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R. A. Gough

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YRAST TABLES*

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February 1972

*Work performed under the auspices of the U. S. Atomic Energy Commission.

Foreword

This report is intended to provide yrast levels for a broad range of isotopes throughout the nuclear isotope chart. The results of two different types of calculations are reported. The first, listed as EJAY, are calculated by an unpublished computer code due to J. Gilat. The code is based on the combinatorial calculations of the complete level density function due to Hillman and Grover.¹ The results of the second type of calculation, listed as EROT, are the yrast levels for a rigid, spherical rotor. That is:

$$E_{ROT} = \frac{\hbar^2}{2\mathcal{I}} J(J+1) \quad ,$$

where \mathcal{I} is the moment of inertia of a rigid sphere. (The radius parameter used is $r_0 = 1.2$ fermi.)

The combinatorial calculation of Hillman and Grover¹ consists of an exact solution to the level density problem for a gas of two independent types of fermions in an infinite spherical well. The fermions are non-interacting except for pairing forces for which BCS theory is used. The lowest-energy configuration at each angular momentum is selected as the yrast level for that J. The calculation demonstrates the effects of shell closure, pairing etc. and the persistence of these effects to relatively high excitation energies. Comparisons of the calculated level densities with experimental results show reasonable agreement for nuclides with $A > 50$.

I would like to express my appreciation to Drs. J. Gilat, J. R. Grover, and M. Hillman for their support and encouragement in this work. It is also a pleasure to thank the staff of the Texas A&M University IBM 7094 computing facility where the calculations were performed.

¹M. Hillman and J. R. Grover, Phys. Rev. 185, 1303 (1969).

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| 67 | 98 | 165 | 76 |
| 68 | 100 | 168 | 78 |

| | | | |
|-----|-----|-----|-----|
| 69 | 100 | 169 | 80 |
| 70 | 104 | 174 | 82 |
| 71 | 104 | 175 | 84 |
| 72 | 108 | 180 | 86 |
| 73 | 107 | 180 | 88 |
| 74 | 110 | 184 | 90 |
| 75 | 112 | 187 | 92 |
| 76 | 116 | 192 | 94 |
| 77 | 116 | 193 | 96 |
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| 79 | 118 | 197 | 100 |
| 80 | 122 | 202 | 102 |
| 81 | 124 | 205 | 104 |
| 82 | 126 | 208 | 106 |
| 83 | 126 | 209 | 108 |
| 84 | 126 | 210 | 110 |
| 84 | 128 | 212 | 112 |
| 85 | 124 | 209 | 114 |
| 85 | 133 | 218 | 116 |
| 86 | 125 | 211 | 118 |
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Z = 8 N = 8 A = 16

| J | EJAY | EROT |
|---|-------|-------|
| 0 | 0. | 0. |
| 1 | 13.49 | 0.71 |
| 2 | 7.11 | 2.13 |
| 3 | 7.11 | 4.27 |
| 4 | 13.46 | 7.11 |
| 5 | 14.29 | 10.66 |
| 6 | 14.29 | 14.93 |
| 7 | 20.64 | 19.90 |
| 8 | 27.07 | 25.59 |

Z = 16 N = 16 A = 32

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 1.88 | 0.22 |
| 2 | 1.16 | 0.67 |
| 3 | 3.10 | 1.34 |
| 4 | 3.10 | 2.24 |
| 5 | 4.87 | 3.36 |
| 6 | 6.60 | 4.70 |
| 7 | 6.82 | 6.27 |
| 8 | 10.32 | 8.06 |
| 9 | 10.32 | 10.08 |
| 10 | 11.83 | 12.31 |
| 11 | 15.32 | 14.78 |
| 12 | 15.93 | 17.46 |
| 13 | 17.38 | 20.38 |
| 14 | 19.64 | 23.51 |
| 15 | 21.16 | 26.87 |
| 16 | 22.99 | 30.45 |
| 17 | 26.70 | 34.26 |
| 18 | 26.70 | 38.29 |

Z = 23 N = 27 A = 50

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 0. | 0.11 |
| 2 | 0. | 0.32 |
| 3 | 0. | 0.64 |
| 4 | 0. | 1.06 |
| 5 | 0. | 1.60 |
| 6 | 0. | 2.23 |
| 7 | 0. | 2.98 |
| 8 | 0.98 | 3.83 |
| 9 | 0.98 | 4.79 |
| 10 | 0.98 | 5.85 |
| 11 | 0.98 | 7.02 |
| 12 | 3.91 | 8.30 |
| 13 | 6.19 | 9.68 |
| 14 | 6.19 | 11.17 |
| 15 | 6.19 | 12.77 |
| 16 | 8.04 | 14.47 |
| 17 | 10.02 | 16.28 |
| 18 | 10.02 | 18.20 |
| 19 | 12.95 | 20.22 |
| 20 | 15.23 | 22.35 |
| 21 | 15.23 | 24.58 |
| 22 | 18.17 | 26.92 |
| 23 | 20.47 | 29.37 |
| 24 | 22.75 | 31.93 |
| 25 | 24.03 | 34.59 |
| 26 | 25.68 | 37.35 |
| 27 | 29.24 | 40.23 |
| 28 | 29.24 | 43.21 |

Z = 24 N = 26 A = 50

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.67 | 0.11 |
| 2 | 1.20 | 0.32 |
| 3 | 2.67 | 0.64 |
| 4 | 1.20 | 1.06 |
| 5 | 2.08 | 1.60 |
| 6 | 1.20 | 2.23 |
| 7 | 2.67 | 2.98 |
| 8 | 2.08 | 3.83 |
| 9 | 2.67 | 4.79 |
| 10 | 2.67 | 5.85 |
| 11 | 2.67 | 7.02 |
| 12 | 2.67 | 8.30 |
| 13 | 3.28 | 9.68 |
| 14 | 3.28 | 11.17 |
| 15 | 7.88 | 12.77 |
| 16 | 8.49 | 14.47 |
| 17 | 8.49 | 16.28 |
| 18 | 10.34 | 18.20 |
| 19 | 12.32 | 20.22 |
| 20 | 12.32 | 22.35 |
| 21 | 16.01 | 24.58 |
| 22 | 17.53 | 26.92 |
| 23 | 19.84 | 29.37 |
| 24 | 19.84 | 31.93 |
| 25 | 22.77 | 34.59 |

Z = 25 N = 30 A = 55

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.63 | 0.03 |
| 1.5 | 0.74 | 0.17 |
| 2.5 | 0.74 | 0.40 |
| 3.5 | 0. | 0.71 |
| 4.5 | 0.74 | 1.12 |
| 5.5 | 0.74 | 1.62 |
| 6.5 | 1.63 | 2.21 |
| 7.5 | 0.89 | 2.89 |
| 8.5 | 1.63 | 3.67 |
| 9.5 | 1.63 | 4.53 |
| 10.5 | 3.42 | 5.48 |
| 11.5 | 3.42 | 6.53 |
| 12.5 | 5.34 | 7.66 |
| 13.5 | 5.34 | 8.89 |
| 14.5 | 7.12 | 10.20 |
| 15.5 | 8.45 | 11.61 |
| 16.5 | 10.24 | 13.11 |
| 17.5 | 10.37 | 14.70 |
| 18.5 | 12.16 | 16.38 |
| 19.5 | 12.16 | 18.15 |
| 20.5 | 14.08 | 20.01 |
| 21.5 | 15.87 | 21.96 |
| 22.5 | 17.54 | 24.00 |
| 23.5 | 19.46 | 26.14 |
| 24.5 | 19.78 | 28.36 |
| 25.5 | 21.70 | 30.68 |
| 26.5 | 23.49 | 33.08 |
| 27.5 | 26.75 | 35.58 |
| 28.5 | 28.53 | 38.17 |

Z = 26 N = 30 A = 56

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 1.95 | 0.09 |
| 2 | 0.72 | 0.26 |
| 3 | 1.95 | 0.53 |
| 4 | 1.23 | 0.88 |
| 5 | 1.95 | 1.32 |
| 6 | 1.23 | 1.85 |
| 7 | 1.95 | 2.47 |
| 8 | 1.95 | 3.17 |
| 9 | 3.73 | 3.96 |
| 10 | 3.73 | 4.85 |
| 11 | 5.64 | 5.81 |
| 12 | 5.64 | 6.87 |
| 13 | 7.41 | 8.02 |
| 14 | 8.74 | 9.25 |
| 15 | 10.51 | 10.57 |
| 16 | 10.64 | 11.98 |
| 17 | 12.42 | 13.48 |
| 18 | 12.42 | 15.07 |
| 19 | 14.33 | 16.74 |
| 20 | 15.99 | 18.50 |
| 21 | 17.77 | 20.35 |
| 22 | 17.77 | 22.29 |
| 23 | 19.68 | 24.32 |
| 24 | 19.99 | 26.43 |
| 25 | 21.90 | 28.63 |
| 26 | 23.67 | 30.93 |
| 27 | 25.34 | 33.30 |
| 28 | 27.24 | 35.77 |
| 29 | 29.02 | 38.33 |

Z = 27 N = 32 A = 59

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.99 | 0.03 |
| 1.5 | 1.99 | 0.15 |
| 2.5 | 1.99 | 0.35 |
| 3.5 | 0. | 0.64 |
| 4.5 | 1.99 | 1.00 |
| 5.5 | 1.99 | 1.44 |
| 6.5 | 1.99 | 1.97 |
| 7.5 | 1.99 | 2.57 |
| 8.5 | 3.87 | 3.26 |
| 9.5 | 3.87 | 4.03 |
| 10.5 | 5.34 | 4.88 |
| 11.5 | 5.93 | 5.81 |
| 12.5 | 5.93 | 6.81 |
| 13.5 | 7.68 | 7.91 |
| 14.5 | 9.12 | 9.08 |
| 15.5 | 9.55 | 10.33 |
| 16.5 | 11.18 | 11.66 |
| 17.5 | 11.18 | 13.07 |
| 18.5 | 12.93 | 14.57 |
| 19.5 | 13.36 | 16.14 |
| 20.5 | 14.80 | 17.80 |
| 21.5 | 16.98 | 19.54 |
| 22.5 | 16.98 | 21.35 |
| 23.5 | 18.61 | 23.25 |
| 24.5 | 19.72 | 25.23 |
| 25.5 | 21.90 | 27.29 |
| 26.5 | 21.90 | 29.43 |
| 27.5 | 24.42 | 31.65 |
| 28.5 | 25.27 | 33.95 |
| 29.5 | 27.15 | 36.33 |
| 30.5 | 27.15 | 38.80 |
| 31.5 | 29.33 | 41.34 |

Z = 28 N = 30 A = 58

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.45 | 0.08 |
| 2 | 0.69 | 0.25 |
| 3 | 2.45 | 0.50 |
| 4 | 2.45 | 0.83 |
| 5 | 4.33 | 1.25 |
| 6 | 4.33 | 1.75 |
| 7 | 5.97 | 2.33 |
| 8 | 5.97 | 2.99 |
| 9 | 7.73 | 3.74 |
| 10 | 7.73 | 4.57 |
| 11 | 9.62 | 5.48 |
| 12 | 9.62 | 6.48 |
| 13 | 11.37 | 7.56 |
| 14 | 11.81 | 8.73 |
| 15 | 13.45 | 9.97 |
| 16 | 14.56 | 11.30 |
| 17 | 15.21 | 12.71 |
| 18 | 16.32 | 14.21 |
| 19 | 17.09 | 15.79 |
| 20 | 18.51 | 17.45 |
| 21 | 20.15 | 19.20 |
| 22 | 21.60 | 21.02 |
| 23 | 22.04 | 22.94 |
| 24 | 23.79 | 24.93 |
| 25 | 23.79 | 27.01 |
| 26 | 25.68 | 29.17 |
| 27 | 27.44 | 31.41 |
| 28 | 29.63 | 33.74 |

Z = 29 N = 34 A = 63

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.28 | 0.03 |
| 1.5 | 0.83 | 0.14 |
| 2.5 | 0. | 0.32 |
| 3.5 | 1.28 | 0.57 |
| 4.5 | 1.28 | 0.90 |
| 5.5 | 1.28 | 1.29 |
| 6.5 | 1.28 | 1.76 |
| 7.5 | 3.12 | 2.31 |
| 8.5 | 3.12 | 2.92 |
| 9.5 | 3.12 | 3.61 |
| 10.5 | 4.96 | 4.37 |
| 11.5 | 5.13 | 5.20 |
| 12.5 | 5.13 | 6.11 |
| 13.5 | 6.97 | 7.09 |
| 14.5 | 6.97 | 8.14 |
| 15.5 | 8.98 | 9.26 |
| 16.5 | 8.98 | 10.45 |
| 17.5 | 10.26 | 11.72 |
| 18.5 | 11.11 | 13.06 |
| 19.5 | 12.09 | 14.47 |
| 20.5 | 12.40 | 15.96 |
| 21.5 | 14.11 | 17.51 |
| 22.5 | 14.23 | 19.14 |
| 23.5 | 16.24 | 20.84 |
| 24.5 | 16.24 | 22.62 |
| 25.5 | 18.08 | 24.46 |
| 26.5 | 19.36 | 26.38 |
| 27.5 | 21.37 | 28.37 |
| 28.5 | 21.37 | 30.44 |
| 29.5 | 23.21 | 32.57 |
| 30.5 | 23.51 | 34.78 |
| 31.5 | 25.34 | 37.06 |
| 32.5 | 27.05 | 39.41 |

Z = 30 N = 34 A = 64

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.19 | 0.07 |
| 2 | 1.26 | 0.21 |
| 3 | 2.19 | 0.42 |
| 4 | 1.26 | 0.71 |
| 5 | 2.62 | 1.06 |
| 6 | 2.62 | 1.48 |
| 7 | 2.62 | 1.97 |
| 8 | 2.62 | 2.54 |
| 9 | 4.45 | 3.17 |
| 10 | 4.45 | 3.88 |
| 11 | 4.45 | 4.65 |
| 12 | 6.27 | 5.50 |
| 13 | 6.45 | 6.42 |
| 14 | 6.45 | 7.41 |
| 15 | 8.27 | 8.46 |
| 16 | 8.27 | 9.59 |
| 17 | 8.57 | 10.79 |
| 18 | 10.27 | 12.06 |
| 19 | 10.40 | 13.40 |
| 20 | 12.40 | 14.81 |
| 21 | 12.40 | 16.29 |
| 22 | 13.67 | 17.84 |
| 23 | 15.50 | 19.47 |
| 24 | 15.50 | 21.16 |
| 25 | 17.50 | 22.92 |
| 26 | 17.50 | 24.75 |
| 27 | 19.32 | 26.66 |
| 28 | 19.62 | 28.63 |
| 29 | 21.45 | 30.68 |
| 30 | 23.15 | 32.79 |
| 31 | 25.25 | 34.98 |
| 32 | 26.95 | 37.24 |

Z = 31 N = 68 A = 99

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.22 | 0.01 |
| 1.5 | 0.51 | 0.06 |
| 2.5 | 0. | 0.15 |
| 3.5 | 1.22 | 0.27 |
| 4.5 | 0.51 | 0.42 |
| 5.5 | 1.22 | 0.61 |
| 6.5 | 2.35 | 0.83 |
| 7.5 | 2.35 | 1.09 |
| 8.5 | 2.35 | 1.38 |
| 9.5 | 2.71 | 1.70 |
| 10.5 | 2.71 | 2.06 |
| 11.5 | 2.71 | 2.45 |
| 12.5 | 2.71 | 2.88 |
| 13.5 | 3.22 | 3.34 |
| 14.5 | 3.22 | 3.83 |
| 15.5 | 3.93 | 4.36 |
| 16.5 | 4.90 | 4.92 |
| 17.5 | 4.96 | 5.52 |
| 18.5 | 4.96 | 6.15 |
| 19.5 | 5.47 | 6.81 |
| 20.5 | 5.47 | 7.51 |
| 21.5 | 6.18 | 8.24 |
| 22.5 | 6.67 | 9.01 |
| 23.5 | 6.75 | 9.81 |
| 24.5 | 7.18 | 10.65 |
| 25.5 | 7.26 | 11.52 |
| 26.5 | 7.87 | 12.42 |
| 27.5 | 8.38 | 13.36 |
| 28.5 | 8.38 | 14.33 |
| 29.5 | 9.10 | 15.34 |
| 30.5 | 9.48 | 16.37 |
| 31.5 | 10.13 | 17.45 |
| 32.5 | 10.22 | 18.56 |
| 33.5 | 11.03 | 19.70 |
| 34.5 | 11.32 | 20.87 |
| 35.5 | 11.97 | 22.08 |
| 36.5 | 13.08 | 23.33 |
| 37.5 | 13.81 | 24.61 |
| 38.5 | 14.92 | 25.92 |
| 39.5 | 16.34 | 27.27 |
| 40.5 | 17.06 | 28.65 |
| 41.5 | 17.53 | 30.06 |
| 42.5 | 18.18 | 31.51 |
| 43.5 | 19.29 | 32.99 |
| 44.5 | 21.13 | 34.51 |
| 45.5 | 22.56 | 36.06 |
| 46.5 | 22.85 | 37.65 |
| 47.5 | 24.38 | 39.26 |
| 48.5 | 25.50 | 40.92 |
| 49.5 | 27.22 | 42.60 |
| 50.5 | 27.93 | 44.33 |

Z = 31 N = 68 A = 99 (CONTD)

J

EJAY

EROT

51.5

29.06

46.08

Z = 32 N = 42 A = 74

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 1.86 | 0.06 |
| 2 | 1.42 | 0.17 |
| 3 | 1.86 | 0.33 |
| 4 | 1.42 | 0.55 |
| 5 | 2.48 | 0.83 |
| 6 | 1.90 | 1.16 |
| 7 | 3.03 | 1.55 |
| 8 | 1.90 | 1.99 |
| 9 | 3.05 | 2.49 |
| 10 | 3.05 | 3.05 |
| 11 | 3.05 | 3.65 |
| 12 | 3.32 | 4.32 |
| 13 | 4.38 | 5.04 |
| 14 | 4.38 | 5.81 |
| 15 | 4.47 | 6.64 |
| 16 | 5.36 | 7.53 |
| 17 | 5.52 | 8.47 |
| 18 | 6.08 | 9.47 |
| 19 | 6.48 | 10.52 |
| 20 | 6.76 | 11.63 |
| 21 | 7.54 | 12.79 |
| 22 | 8.09 | 14.01 |
| 23 | 8.77 | 15.28 |
| 24 | 8.77 | 16.61 |
| 25 | 9.56 | 17.99 |
| 26 | 10.78 | 19.43 |
| 27 | 10.80 | 20.93 |
| 28 | 12.81 | 22.48 |
| 29 | 12.81 | 24.09 |
| 30 | 14.83 | 25.75 |
| 31 | 15.64 | 27.46 |
| 32 | 16.43 | 29.23 |
| 33 | 17.66 | 31.06 |
| 34 | 18.44 | 32.94 |
| 35 | 19.68 | 34.88 |
| 36 | 23.09 | 36.88 |
| 37 | 24.32 | 38.92 |
| 38 | 25.25 | 41.03 |
| 39 | 26.04 | 43.19 |
| 40 | 27.28 | 45.40 |

Z = 33 N = 42 A = 75

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.36 | 0.02 |
| 1.5 | 0.22 | 0.10 |
| 2.5 | 0. | 0.24 |
| 3.5 | 1.36 | 0.43 |
| 4.5 | 1.31 | 0.67 |
| 5.5 | 1.36 | 0.97 |
| 6.5 | 1.87 | 1.32 |
| 7.5 | 1.87 | 1.73 |
| 8.5 | 1.87 | 2.19 |
| 9.5 | 1.87 | 2.70 |
| 10.5 | 1.87 | 3.27 |
| 11.5 | 3.01 | 3.89 |
| 12.5 | 3.01 | 4.57 |
| 13.5 | 3.01 | 5.30 |
| 14.5 | 3.89 | 6.08 |
| 15.5 | 4.31 | 6.92 |
| 16.5 | 4.36 | 7.82 |
| 17.5 | 5.01 | 8.76 |
| 18.5 | 5.48 | 9.77 |
| 19.5 | 5.59 | 10.82 |
| 20.5 | 6.36 | 11.93 |
| 21.5 | 6.61 | 13.10 |
| 22.5 | 7.50 | 14.31 |
| 23.5 | 7.59 | 15.59 |
| 24.5 | 8.61 | 16.91 |
| 25.5 | 8.61 | 18.29 |
| 26.5 | 9.84 | 19.73 |
| 27.5 | 9.84 | 21.22 |
| 28.5 | 10.63 | 22.76 |
| 29.5 | 11.85 | 24.36 |
| 30.5 | 12.63 | 26.01 |
| 31.5 | 13.86 | 27.71 |
| 32.5 | 15.45 | 29.47 |
| 33.5 | 16.68 | 31.29 |
| 34.5 | 17.45 | 33.16 |
| 35.5 | 18.68 | 35.08 |
| 36.5 | 19.47 | 37.05 |
| 37.5 | 23.31 | 39.09 |
| 38.5 | 24.09 | 41.17 |
| 39.5 | 25.02 | 43.31 |
| 40.5 | 26.25 | 45.50 |
| 41.5 | 27.03 | 47.75 |

Z = 34 N = 46 A = 80

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 1.65 | 0.05 |
| 2 | 1.51 | 0.15 |
| 3 | 1.65 | 0.29 |
| 4 | 1.51 | 0.49 |
| 5 | 2.31 | 0.73 |
| 6 | 1.51 | 1.02 |
| 7 | 2.31 | 1.36 |
| 8 | 1.51 | 1.75 |
| 9 | 2.31 | 2.19 |
| 10 | 2.31 | 2.67 |
| 11 | 3.16 | 3.21 |
| 12 | 2.31 | 3.79 |
| 13 | 3.96 | 4.42 |
| 14 | 3.96 | 5.11 |
| 15 | 3.96 | 5.83 |
| 16 | 3.96 | 6.61 |
| 17 | 4.98 | 7.44 |
| 18 | 4.98 | 8.31 |
| 19 | 5.05 | 9.24 |
| 20 | 6.18 | 10.21 |
| 21 | 6.18 | 11.23 |
| 22 | 6.18 | 12.30 |
| 23 | 7.21 | 13.42 |
| 24 | 7.43 | 14.59 |
| 25 | 8.41 | 15.80 |
| 26 | 8.41 | 17.07 |
| 27 | 9.62 | 18.38 |
| 28 | 10.39 | 19.74 |
| 29 | 13.20 | 21.15 |
| 30 | 13.89 | 22.61 |
| 31 | 15.10 | 24.12 |
| 32 | 15.10 | 25.67 |
| 33 | 17.07 | 27.28 |
| 34 | 18.05 | 28.93 |
| 35 | 19.88 | 30.63 |
| 36 | 21.56 | 32.38 |
| 37 | 22.76 | 34.18 |
| 38 | 22.76 | 36.03 |
| 39 | 24.73 | 37.93 |
| 40 | 27.29 | 39.87 |
| 41 | 29.26 | 41.86 |

Z = 35 N = 42 A = 77

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.20 | 0.02 |
| 1.5 | 0. | 0.10 |
| 2.5 | 1.20 | 0.23 |
| 3.5 | 1.20 | 0.41 |
| 4.5 | 0.97 | 0.64 |
| 5.5 | 1.73 | 0.93 |
| 6.5 | 1.73 | 1.26 |
| 7.5 | 1.73 | 1.65 |
| 8.5 | 1.73 | 2.09 |
| 9.5 | 1.73 | 2.58 |
| 10.5 | 2.70 | 3.13 |
| 11.5 | 2.70 | 3.72 |
| 12.5 | 2.70 | 4.37 |
| 13.5 | 3.68 | 5.07 |
| 14.5 | 3.78 | 5.82 |
| 15.5 | 3.78 | 6.63 |
| 16.5 | 4.19 | 7.48 |
| 17.5 | 5.18 | 8.39 |
| 18.5 | 5.18 | 9.35 |
| 19.5 | 5.27 | 10.36 |
| 20.5 | 6.14 | 11.42 |
| 21.5 | 6.26 | 12.53 |
| 22.5 | 7.13 | 13.70 |
| 23.5 | 7.25 | 14.92 |
| 24.5 | 7.48 | 16.19 |
| 25.5 | 8.24 | 17.51 |
| 26.5 | 9.39 | 18.88 |
| 27.5 | 9.46 | 20.31 |
| 28.5 | 9.46 | 21.78 |
| 29.5 | 10.49 | 23.31 |
| 30.5 | 11.43 | 24.89 |
| 31.5 | 11.72 | 26.53 |
| 32.5 | 13.69 | 28.21 |
| 33.5 | 13.69 | 29.95 |
| 34.5 | 15.69 | 31.73 |
| 35.5 | 17.27 | 33.57 |
| 36.5 | 18.49 | 35.46 |
| 37.5 | 19.24 | 37.41 |
| 38.5 | 20.46 | 39.40 |
| 39.5 | 23.17 | 41.45 |
| 40.5 | 24.93 | 43.55 |
| 41.5 | 26.01 | 45.70 |
| 42.5 | 26.74 | 47.90 |
| 43.5 | 27.96 | 50.16 |
| 44.5 | 29.94 | 52.46 |
| 45.5 | 32.45 | 54.82 |
| 46.5 | 33.51 | 57.23 |
| 47.5 | 34.40 | 59.69 |
| 48.5 | 36.38 | 62.20 |
| 49.5 | 38.38 | 64.77 |
| 50.5 | 39.95 | 67.39 |

Z = 35 N = 42 A = 77 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 41.17 | 70.05 |
| 52.5 | 43.15 | 72.78 |
| 53.5 | 45.87 | 75.55 |
| 54.5 | 47.45 | 78.37 |
| 55.5 | 49.42 | 81.25 |
| 56.5 | 50.65 | 84.18 |
| 57.5 | 53.00 | 87.16 |
| 58.5 | 54.22 | 90.19 |

Z = 36 N = 48 A = 84

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.55 | 0.04 |
| 2 | 1.21 | 0.13 |
| 3 | 2.32 | 0.27 |
| 4 | 1.34 | 0.45 |
| 5 | 2.32 | 0.67 |
| 6 | 1.34 | 0.94 |
| 7 | 2.55 | 1.26 |
| 8 | 1.34 | 1.61 |
| 9 | 2.55 | 2.02 |
| 10 | 2.55 | 2.47 |
| 11 | 3.66 | 2.96 |
| 12 | 3.66 | 3.50 |
| 13 | 3.66 | 4.08 |
| 14 | 3.66 | 4.71 |
| 15 | 4.65 | 5.38 |
| 16 | 4.65 | 6.10 |
| 17 | 4.72 | 6.86 |
| 18 | 5.95 | 7.67 |
| 19 | 5.95 | 8.52 |
| 20 | 5.95 | 9.41 |
| 21 | 6.91 | 10.35 |
| 22 | 6.91 | 11.34 |
| 23 | 8.10 | 12.37 |
| 24 | 8.10 | 13.45 |
| 25 | 9.10 | 14.57 |
| 26 | 10.29 | 15.73 |
| 27 | 11.61 | 16.94 |
| 28 | 12.80 | 18.20 |
| 29 | 12.80 | 19.50 |
| 30 | 13.80 | 20.84 |
| 31 | 14.99 | 22.23 |
| 32 | 15.63 | 23.67 |
| 33 | 16.63 | 25.15 |
| 34 | 17.82 | 26.67 |
| 35 | 20.33 | 28.24 |
| 36 | 20.33 | 29.85 |
| 37 | 21.34 | 31.51 |
| 38 | 22.52 | 33.22 |
| 39 | 26.59 | 34.96 |
| 40 | 26.97 | 36.76 |
| 41 | 27.91 | 38.59 |
| 42 | 27.91 | 40.48 |

Z = 36 N = 50 A = 86

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.95 | 0.04 |
| 2 | 1.14 | 0.13 |
| 3 | 2.27 | 0.26 |
| 4 | 2.27 | 0.43 |
| 5 | 2.27 | 0.65 |
| 6 | 2.27 | 0.91 |
| 7 | 3.30 | 1.21 |
| 8 | 3.27 | 1.55 |
| 9 | 3.30 | 1.94 |
| 10 | 4.53 | 2.37 |
| 11 | 4.53 | 2.84 |
| 12 | 4.53 | 3.36 |
| 13 | 5.48 | 3.92 |
| 14 | 5.48 | 4.53 |
| 15 | 6.66 | 5.17 |
| 16 | 6.66 | 5.86 |
| 17 | 7.65 | 6.59 |
| 18 | 8.83 | 7.37 |
| 19 | 9.19 | 8.19 |
| 20 | 10.14 | 9.05 |
| 21 | 10.14 | 9.96 |
| 22 | 11.32 | 10.90 |
| 23 | 11.32 | 11.90 |
| 24 | 12.31 | 12.93 |
| 25 | 13.49 | 14.01 |
| 26 | 14.13 | 15.13 |
| 27 | 15.12 | 16.29 |
| 28 | 15.98 | 17.50 |
| 29 | 16.98 | 18.75 |
| 30 | 17.61 | 20.04 |
| 31 | 18.79 | 21.38 |
| 32 | 18.79 | 22.76 |
| 33 | 19.79 | 24.18 |
| 34 | 20.96 | 25.65 |
| 35 | 22.60 | 27.15 |
| 36 | 23.77 | 28.71 |
| 37 | 26.31 | 30.30 |
| 38 | 26.31 | 31.94 |
| 39 | 28.19 | 33.62 |
| 40 | 29.12 | 35.34 |

Z = 37 N = 48 A = 85

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.24 | 0.02 |
| 1.5 | 0. | 0.08 |
| 2.5 | 1.32 | 0.19 |
| 3.5 | 1.32 | 0.35 |
| 4.5 | 0.59 | 0.54 |
| 5.5 | 1.32 | 0.79 |
| 6.5 | 1.32 | 1.07 |
| 7.5 | 1.32 | 1.40 |
| 8.5 | 1.32 | 1.77 |
| 9.5 | 1.32 | 2.19 |
| 10.5 | 1.92 | 2.65 |
| 11.5 | 1.92 | 3.16 |
| 12.5 | 1.92 | 3.71 |
| 13.5 | 2.87 | 4.30 |
| 14.5 | 2.87 | 4.94 |
| 15.5 | 4.05 | 5.62 |
| 16.5 | 4.05 | 6.35 |
| 17.5 | 4.05 | 7.11 |
| 18.5 | 5.05 | 7.93 |
| 19.5 | 5.05 | 8.78 |
| 20.5 | 5.05 | 9.69 |
| 21.5 | 6.26 | 10.63 |
| 22.5 | 6.26 | 11.62 |
| 23.5 | 7.23 | 12.65 |
| 24.5 | 7.23 | 13.73 |
| 25.5 | 8.41 | 14.85 |
| 26.5 | 9.41 | 16.01 |
| 27.5 | 10.95 | 17.22 |
| 28.5 | 11.91 | 18.48 |
| 29.5 | 11.91 | 19.77 |
| 30.5 | 13.09 | 21.11 |
| 31.5 | 14.09 | 22.50 |
| 32.5 | 14.73 | 23.92 |
| 33.5 | 15.92 | 25.40 |
| 34.5 | 16.91 | 26.91 |
| 35.5 | 19.42 | 28.47 |
| 36.5 | 19.42 | 30.08 |
| 37.5 | 20.60 | 31.73 |
| 38.5 | 21.60 | 33.42 |
| 39.5 | 25.51 | 35.15 |
| 40.5 | 26.51 | 36.93 |
| 41.5 | 26.83 | 38.76 |
| 42.5 | 27.83 | 40.63 |

Z = 38 N = 50 A = 88

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.59 | 0.04 |
| 2 | 2.56 | 0.12 |
| 3 | 1.92 | 0.25 |
| 4 | 1.92 | 0.41 |
| 5 | 1.92 | 0.62 |
| 6 | 1.92 | 0.87 |
| 7 | 3.30 | 1.16 |
| 8 | 2.56 | 1.49 |
| 9 | 3.30 | 1.87 |
| 10 | 3.30 | 2.28 |
| 11 | 4.51 | 2.74 |
| 12 | 4.51 | 3.24 |
| 13 | 5.46 | 3.77 |
| 14 | 5.46 | 4.36 |
| 15 | 5.46 | 4.98 |
| 16 | 6.63 | 5.64 |
| 17 | 7.61 | 6.35 |
| 18 | 7.61 | 7.09 |
| 19 | 9.14 | 7.88 |
| 20 | 10.09 | 8.71 |
| 21 | 10.09 | 9.58 |
| 22 | 10.09 | 10.49 |
| 23 | 11.26 | 11.45 |
| 24 | 12.24 | 12.44 |
| 25 | 12.24 | 13.48 |
| 26 | 14.04 | 14.56 |
| 27 | 14.71 | 15.68 |
| 28 | 15.03 | 16.84 |
| 29 | 16.58 | 18.04 |
| 30 | 16.87 | 19.29 |
| 31 | 17.50 | 20.57 |
| 32 | 18.67 | 21.90 |
| 33 | 19.65 | 23.27 |
| 34 | 19.65 | 24.68 |
| 35 | 21.52 | 26.13 |
| 36 | 22.44 | 27.63 |
| 37 | 24.59 | 29.16 |
| 38 | 25.81 | 30.74 |
| 39 | 26.98 | 32.35 |
| 40 | 28.60 | 34.01 |
| 41 | 29.77 | 35.71 |

Z = 39 N = 50 A = 89

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.59 | 0.02 |
| 1.5 | 1.63 | 0.08 |
| 2.5 | 1.63 | 0.18 |
| 3.5 | 1.63 | 0.32 |
| 4.5 | 0. | 0.50 |
| 5.5 | 1.63 | 0.73 |
| 6.5 | 1.63 | 0.99 |
| 7.5 | 1.63 | 1.30 |
| 8.5 | 1.63 | 1.64 |
| 9.5 | 1.63 | 2.03 |
| 10.5 | 2.36 | 2.46 |
| 11.5 | 2.99 | 2.93 |
| 12.5 | 2.99 | 3.43 |
| 13.5 | 4.20 | 3.98 |
| 14.5 | 5.14 | 4.57 |
| 15.5 | 5.14 | 5.21 |
| 16.5 | 5.14 | 5.88 |
| 17.5 | 6.97 | 6.59 |
| 18.5 | 7.28 | 7.34 |
| 19.5 | 7.60 | 8.14 |
| 20.5 | 8.81 | 8.97 |
| 21.5 | 9.74 | 9.85 |
| 22.5 | 9.74 | 10.76 |
| 23.5 | 9.74 | 11.72 |
| 24.5 | 11.60 | 12.72 |
| 25.5 | 11.89 | 13.75 |
| 26.5 | 12.52 | 14.83 |
| 27.5 | 14.35 | 15.95 |
| 28.5 | 14.35 | 17.11 |
| 29.5 | 16.20 | 18.31 |
| 30.5 | 16.21 | 19.55 |
| 31.5 | 17.13 | 20.84 |
| 32.5 | 17.13 | 22.16 |
| 33.5 | 18.99 | 23.52 |
| 34.5 | 19.28 | 24.93 |
| 35.5 | 21.13 | 26.37 |
| 36.5 | 22.05 | 27.86 |
| 37.5 | 24.11 | 29.39 |
| 38.5 | 25.41 | 30.95 |
| 39.5 | 25.41 | 32.56 |
| 40.5 | 27.27 | 34.21 |
| 41.5 | 28.19 | 35.90 |

Z = 40 N = 50 A = 90

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 3.27 | 0.04 |
| 2 | 1.88 | 0.12 |
| 3 | 3.27 | 0.24 |
| 4 | 1.88 | 0.40 |
| 5 | 2.50 | 0.60 |
| 6 | 1.88 | 0.84 |
| 7 | 3.27 | 1.12 |
| 8 | 1.88 | 1.44 |
| 9 | 3.27 | 1.80 |
| 10 | 3.27 | 2.20 |
| 11 | 3.27 | 2.64 |
| 12 | 3.27 | 3.12 |
| 13 | 4.67 | 3.64 |
| 14 | 4.67 | 4.20 |
| 15 | 6.47 | 4.79 |
| 16 | 6.80 | 5.43 |
| 17 | 6.80 | 6.11 |
| 18 | 7.86 | 6.83 |
| 19 | 7.86 | 7.59 |
| 20 | 9.26 | 8.39 |
| 21 | 9.26 | 9.23 |
| 22 | 10.63 | 10.11 |
| 23 | 11.39 | 11.03 |
| 24 | 11.39 | 11.99 |
| 25 | 13.25 | 12.99 |
| 26 | 13.85 | 14.02 |
| 27 | 14.16 | 15.10 |
| 28 | 15.22 | 16.22 |
| 29 | 15.98 | 17.38 |
| 30 | 16.62 | 18.58 |
| 31 | 17.84 | 19.82 |
| 32 | 18.75 | 21.10 |
| 33 | 18.75 | 22.42 |
| 34 | 20.60 | 23.77 |
| 35 | 21.52 | 25.17 |
| 36 | 23.43 | 26.61 |
| 37 | 24.35 | 28.09 |
| 38 | 24.86 | 29.61 |
| 39 | 26.72 | 31.17 |
| 40 | 27.63 | 32.76 |

Z = 41 N = 52 A = 93

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.47 | 0.01 |
| 1.5 | 0.90 | 0.07 |
| 2.5 | 0.90 | 0.17 |
| 3.5 | 0.90 | 0.30 |
| 4.5 | 0. | 0.47 |
| 5.5 | 0.90 | 0.68 |
| 6.5 | 0.90 | 0.92 |
| 7.5 | 0.90 | 1.21 |
| 8.5 | 0.90 | 1.53 |
| 9.5 | 2.27 | 1.89 |
| 10.5 | 1.36 | 2.28 |
| 11.5 | 2.27 | 2.72 |
| 12.5 | 2.27 | 3.19 |
| 13.5 | 2.27 | 3.70 |
| 14.5 | 2.27 | 4.25 |
| 15.5 | 3.60 | 4.84 |
| 16.5 | 3.60 | 5.46 |
| 17.5 | 3.60 | 6.12 |
| 18.5 | 4.98 | 6.82 |
| 19.5 | 5.43 | 7.56 |
| 20.5 | 6.34 | 8.34 |
| 21.5 | 6.34 | 9.15 |
| 22.5 | 7.72 | 10.00 |
| 23.5 | 9.07 | 10.89 |
| 24.5 | 9.54 | 11.82 |
| 25.5 | 9.97 | 12.78 |
| 26.5 | 10.88 | 13.78 |
| 27.5 | 10.88 | 14.82 |
| 28.5 | 12.26 | 15.90 |
| 29.5 | 12.71 | 17.02 |
| 30.5 | 13.61 | 18.17 |
| 31.5 | 14.99 | 19.36 |
| 32.5 | 16.79 | 20.59 |
| 33.5 | 16.88 | 21.86 |
| 34.5 | 17.25 | 23.17 |
| 35.5 | 18.63 | 24.51 |
| 36.5 | 20.41 | 25.89 |
| 37.5 | 21.42 | 27.31 |
| 38.5 | 21.42 | 28.77 |
| 39.5 | 23.15 | 30.26 |
| 40.5 | 24.67 | 31.79 |
| 41.5 | 25.50 | 33.36 |
| 42.5 | 26.78 | 34.97 |
| 43.5 | 26.78 | 36.62 |

Z = 42 N = 56 A = 98

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.06 | 0.03 |
| 2 | 1.54 | 0.10 |
| 3 | 2.06 | 0.21 |
| 4 | 1.54 | 0.35 |
| 5 | 2.01 | 0.52 |
| 6 | 1.54 | 0.73 |
| 7 | 2.38 | 0.97 |
| 8 | 1.54 | 1.25 |
| 9 | 2.38 | 1.56 |
| 10 | 2.38 | 1.91 |
| 11 | 3.05 | 2.29 |
| 12 | 2.38 | 2.70 |
| 13 | 3.60 | 3.15 |
| 14 | 3.60 | 3.64 |
| 15 | 4.44 | 4.16 |
| 16 | 4.44 | 4.71 |
| 17 | 4.44 | 5.30 |
| 18 | 4.44 | 5.93 |
| 19 | 5.36 | 6.59 |
| 20 | 5.36 | 7.28 |
| 21 | 6.47 | 8.01 |
| 22 | 6.47 | 8.77 |
| 23 | 7.36 | 9.57 |
| 24 | 7.36 | 10.40 |
| 25 | 7.36 | 11.27 |
| 26 | 8.25 | 12.17 |
| 27 | 8.71 | 13.10 |
| 28 | 9.38 | 14.08 |
| 29 | 10.27 | 15.08 |
| 30 | 10.27 | 16.12 |
| 31 | 11.63 | 17.20 |
| 32 | 11.63 | 18.31 |
| 33 | 12.96 | 19.45 |
| 34 | 13.43 | 20.63 |
| 35 | 14.32 | 21.84 |
| 36 | 16.12 | 23.09 |
| 37 | 16.53 | 24.37 |
| 38 | 17.88 | 25.69 |
| 39 | 17.88 | 27.04 |
| 40 | 19.91 | 28.43 |
| 41 | 21.61 | 29.85 |
| 42 | 22.57 | 31.31 |
| 43 | 23.47 | 32.80 |
| 44 | 23.83 | 34.32 |
| 45 | 25.18 | 35.88 |
| 46 | 26.66 | 37.48 |
| 47 | 27.92 | 39.11 |
| 48 | 27.92 | 40.77 |

Z = 43 N = 52 A = 95

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.31 | 0.01 |
| 1.5 | 0.88 | 0.07 |
| 2.5 | 0.88 | 0.16 |
| 3.5 | 0.88 | 0.29 |
| 4.5 | 0. | 0.45 |
| 5.5 | 0.88 | 0.65 |
| 6.5 | 0.88 | 0.89 |
| 7.5 | 0.88 | 1.16 |
| 8.5 | 0.88 | 1.47 |
| 9.5 | 1.78 | 1.82 |
| 10.5 | 1.26 | 2.20 |
| 11.5 | 2.14 | 2.62 |
| 12.5 | 1.78 | 3.08 |
| 13.5 | 2.14 | 3.57 |
| 14.5 | 2.14 | 4.10 |
| 15.5 | 2.65 | 4.67 |
| 16.5 | 2.65 | 5.27 |
| 17.5 | 4.47 | 5.91 |
| 18.5 | 4.47 | 6.59 |
| 19.5 | 5.37 | 7.30 |
| 20.5 | 5.37 | 8.05 |
| 21.5 | 7.16 | 8.83 |
| 22.5 | 7.42 | 9.65 |
| 23.5 | 8.98 | 10.51 |
| 24.5 | 8.98 | 11.41 |
| 25.5 | 9.88 | 12.34 |
| 26.5 | 9.88 | 13.30 |
| 27.5 | 11.70 | 14.31 |
| 28.5 | 11.70 | 15.35 |
| 29.5 | 12.59 | 16.43 |
| 30.5 | 13.74 | 17.54 |
| 31.5 | 14.64 | 18.69 |
| 32.5 | 16.20 | 19.88 |
| 33.5 | 16.20 | 21.10 |
| 34.5 | 18.25 | 22.36 |
| 35.5 | 18.25 | 23.66 |
| 36.5 | 19.97 | 24.99 |
| 37.5 | 21.76 | 26.36 |
| 38.5 | 22.20 | 27.76 |
| 39.5 | 23.57 | 29.21 |
| 40.5 | 23.57 | 30.68 |
| 41.5 | 25.62 | 32.20 |
| 42.5 | 28.31 | 33.75 |
| 43.5 | 28.31 | 35.34 |

Z = 44 N = 58 A = 102

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.73 | 0.03 |
| 2 | 1.46 | 0.10 |
| 3 | 2.25 | 0.19 |
| 4 | 1.46 | 0.32 |
| 5 | 1.73 | 0.49 |
| 6 | 1.46 | 0.68 |
| 7 | 2.25 | 0.91 |
| 8 | 1.46 | 1.17 |
| 9 | 2.25 | 1.46 |
| 10 | 2.25 | 1.78 |
| 11 | 2.73 | 2.14 |
| 12 | 2.25 | 2.53 |
| 13 | 3.14 | 2.95 |
| 14 | 3.35 | 3.41 |
| 15 | 4.15 | 3.89 |
| 16 | 4.15 | 4.41 |
| 17 | 4.15 | 4.96 |
| 18 | 4.15 | 5.55 |
| 19 | 5.03 | 6.16 |
| 20 | 5.06 | 6.81 |
| 21 | 5.06 | 7.49 |
| 22 | 5.94 | 8.21 |
| 23 | 6.83 | 8.95 |
| 24 | 7.01 | 9.73 |
| 25 | 7.01 | 10.54 |
| 26 | 7.01 | 11.38 |
| 27 | 7.89 | 12.26 |
| 28 | 7.89 | 13.17 |
| 29 | 8.77 | 14.11 |
| 30 | 9.88 | 15.08 |
| 31 | 9.88 | 16.09 |
| 32 | 9.88 | 17.12 |
| 33 | 10.76 | 18.19 |
| 34 | 11.64 | 19.30 |
| 35 | 12.76 | 20.43 |
| 36 | 12.76 | 21.60 |
| 37 | 13.64 | 22.80 |
| 38 | 15.41 | 24.03 |
| 39 | 16.29 | 25.30 |
| 40 | 17.60 | 26.59 |
| 41 | 18.84 | 27.92 |
| 42 | 18.84 | 29.29 |
| 43 | 20.62 | 30.68 |
| 44 | 20.84 | 32.11 |
| 45 | 22.61 | 33.57 |
| 46 | 23.49 | 35.06 |
| 47 | 24.80 | 36.58 |
| 48 | 26.57 | 38.14 |
| 49 | 27.45 | 39.73 |

Z = 45 N = 58 A = 103

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.13 | 0.01 |
| 1.5 | 1.17 | 0.06 |
| 2.5 | 1.17 | 0.14 |
| 3.5 | 1.17 | 0.25 |
| 4.5 | 0. | 0.39 |
| 5.5 | 1.17 | 0.57 |
| 6.5 | 1.17 | 0.78 |
| 7.5 | 1.17 | 1.02 |
| 8.5 | 1.17 | 1.29 |
| 9.5 | 1.86 | 1.59 |
| 10.5 | 1.17 | 1.93 |
| 11.5 | 2.02 | 2.29 |
| 12.5 | 2.02 | 2.69 |
| 13.5 | 2.77 | 3.12 |
| 14.5 | 3.04 | 3.59 |
| 15.5 | 3.04 | 4.08 |
| 16.5 | 3.04 | 4.61 |
| 17.5 | 3.88 | 5.17 |
| 18.5 | 3.88 | 5.76 |
| 19.5 | 3.95 | 6.38 |
| 20.5 | 4.79 | 7.03 |
| 21.5 | 4.79 | 7.72 |
| 22.5 | 5.68 | 8.44 |
| 23.5 | 5.89 | 9.19 |
| 24.5 | 5.89 | 9.97 |
| 25.5 | 6.73 | 10.78 |
| 26.5 | 6.73 | 11.63 |
| 27.5 | 7.61 | 12.50 |
| 28.5 | 7.61 | 13.41 |
| 29.5 | 8.72 | 14.36 |
| 30.5 | 8.76 | 15.33 |
| 31.5 | 9.60 | 16.33 |
| 32.5 | 9.60 | 17.37 |
| 33.5 | 10.47 | 18.44 |
| 34.5 | 11.59 | 19.54 |
| 35.5 | 12.46 | 20.67 |
| 36.5 | 12.46 | 21.84 |
| 37.5 | 14.23 | 23.03 |
| 38.5 | 15.11 | 24.26 |
| 39.5 | 16.41 | 25.52 |
| 40.5 | 17.29 | 26.82 |
| 41.5 | 17.64 | 28.14 |
| 42.5 | 18.52 | 29.50 |
| 43.5 | 20.29 | 30.88 |
| 44.5 | 21.17 | 32.30 |
| 45.5 | 22.47 | 33.76 |
| 46.5 | 23.71 | 35.24 |
| 47.5 | 24.46 | 36.76 |
| 48.5 | 26.23 | 38.30 |
| 49.5 | 27.11 | 39.88 |

Z = 46 N = 60 A = 106

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.33 | 0.03 |
| 2 | 1.46 | 0.09 |
| 3 | 2.33 | 0.18 |
| 4 | 1.45 | 0.30 |
| 5 | 1.45 | 0.46 |
| 6 | 1.46 | 0.64 |
| 7 | 2.33 | 0.85 |
| 8 | 1.46 | 1.10 |
| 9 | 2.33 | 1.37 |
| 10 | 2.33 | 1.67 |
| 11 | 2.33 | 2.01 |
| 12 | 3.35 | 2.37 |
| 13 | 3.35 | 2.77 |
| 14 | 3.35 | 3.19 |
| 15 | 3.99 | 3.65 |
| 16 | 3.99 | 4.14 |
| 17 | 3.99 | 4.65 |
| 18 | 4.67 | 5.20 |
| 19 | 4.86 | 5.78 |
| 20 | 4.86 | 6.39 |
| 21 | 5.23 | 7.03 |
| 22 | 6.09 | 7.70 |
| 23 | 6.09 | 8.40 |
| 24 | 6.09 | 9.13 |
| 25 | 6.96 | 9.89 |
| 26 | 6.96 | 10.68 |
| 27 | 6.96 | 11.50 |
| 28 | 7.83 | 12.35 |
| 29 | 8.93 | 13.23 |
| 30 | 8.93 | 14.14 |
| 31 | 8.93 | 15.09 |
| 32 | 9.80 | 16.06 |
| 33 | 9.80 | 17.06 |
| 34 | 11.76 | 18.10 |
| 35 | 11.77 | 19.16 |
| 36 | 11.77 | 20.26 |
| 37 | 12.63 | 21.38 |
| 38 | 14.58 | 22.54 |
| 39 | 14.60 | 23.73 |
| 40 | 15.80 | 24.94 |
| 41 | 16.54 | 26.19 |
| 42 | 17.41 | 27.47 |
| 43 | 17.77 | 28.78 |
| 44 | 18.64 | 30.11 |
| 45 | 20.60 | 31.48 |
| 46 | 20.60 | 32.88 |
| 47 | 22.55 | 34.31 |
| 48 | 23.41 | 35.77 |
| 49 | 24.51 | 37.26 |
| 50 | 25.38 | 38.78 |

Z = 46 N = 60 A = 106 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 26.61 | 40.34 |
| 52 | 29.23 | 41.92 |

Z = 46 N = 62 A = 108

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.28 | 0.03 |
| 2 | 1.43 | 0.09 |
| 3 | 2.28 | 0.18 |
| 4 | 1.42 | 0.29 |
| 5 | 1.42 | 0.44 |
| 6 | 1.43 | 0.62 |
| 7 | 2.28 | 0.83 |
| 8 | 1.43 | 1.06 |
| 9 | 2.28 | 1.33 |
| 10 | 2.28 | 1.62 |
| 11 | 2.28 | 1.95 |
| 12 | 3.46 | 2.30 |
| 13 | 3.46 | 2.68 |
| 14 | 3.46 | 3.10 |
| 15 | 3.88 | 3.54 |
| 16 | 3.88 | 4.01 |
| 17 | 3.88 | 4.51 |
| 18 | 4.36 | 5.04 |
| 19 | 4.74 | 5.60 |
| 20 | 4.74 | 6.19 |
| 21 | 5.22 | 6.81 |
| 22 | 5.88 | 7.46 |
| 23 | 5.88 | 8.14 |
| 24 | 5.88 | 8.85 |
| 25 | 6.52 | 9.58 |
| 26 | 6.59 | 10.35 |
| 27 | 6.74 | 11.15 |
| 28 | 7.38 | 11.97 |
| 29 | 7.44 | 12.83 |
| 30 | 8.31 | 13.71 |
| 31 | 8.31 | 14.62 |
| 32 | 8.31 | 15.57 |
| 33 | 9.17 | 16.54 |
| 34 | 10.26 | 17.54 |
| 35 | 10.26 | 18.58 |
| 36 | 11.12 | 19.64 |
| 37 | 11.12 | 20.73 |
| 38 | 13.08 | 21.85 |
| 39 | 13.08 | 23.00 |
| 40 | 13.94 | 24.18 |
| 41 | 15.87 | 25.39 |
| 42 | 15.87 | 26.63 |
| 43 | 17.09 | 27.89 |
| 44 | 17.09 | 29.19 |
| 45 | 18.68 | 30.52 |
| 46 | 19.04 | 31.87 |
| 47 | 19.90 | 33.26 |
| 48 | 21.83 | 34.68 |
| 49 | 22.93 | 36.12 |
| 50 | 23.79 | 37.59 |

Z = 46 N = 62 A = 108 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 24.65 | 39.10 |
| 52 | 25.87 | 40.63 |
| 53 | 27.82 | 42.19 |

Z = 47 N = 60 A = 107

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0. | 0.01 |
| 1.5 | 1.11 | 0.06 |
| 2.5 | 1.11 | 0.13 |
| 3.5 | 1.11 | 0.24 |
| 4.5 | 0.15 | 0.37 |
| 5.5 | 1.11 | 0.54 |
| 6.5 | 1.11 | 0.73 |
| 7.5 | 1.11 | 0.95 |
| 8.5 | 1.11 | 1.21 |
| 9.5 | 2.02 | 1.49 |
| 10.5 | 2.02 | 1.81 |
| 11.5 | 2.66 | 2.15 |
| 12.5 | 2.66 | 2.53 |
| 13.5 | 2.66 | 2.93 |
| 14.5 | 2.98 | 3.37 |
| 15.5 | 3.63 | 3.83 |
| 16.5 | 3.63 | 4.32 |
| 17.5 | 3.63 | 4.85 |
| 18.5 | 4.30 | 5.40 |
| 19.5 | 4.74 | 5.99 |
| 20.5 | 4.74 | 6.60 |
| 21.5 | 4.85 | 7.24 |
| 22.5 | 5.71 | 7.92 |
| 23.5 | 5.71 | 8.62 |
| 24.5 | 5.71 | 9.35 |
| 25.5 | 6.57 | 10.12 |
| 26.5 | 7.57 | 10.91 |
| 27.5 | 7.67 | 11.74 |
| 28.5 | 7.67 | 12.59 |
| 29.5 | 8.53 | 13.47 |
| 30.5 | 8.53 | 14.39 |
| 31.5 | 10.49 | 15.33 |
| 32.5 | 10.49 | 16.30 |
| 33.5 | 10.49 | 17.31 |
| 34.5 | 11.36 | 18.34 |
| 35.5 | 13.30 | 19.40 |
| 36.5 | 13.30 | 20.49 |
| 37.5 | 14.52 | 21.62 |
| 38.5 | 14.52 | 22.77 |
| 39.5 | 15.26 | 23.95 |
| 40.5 | 16.12 | 25.17 |
| 41.5 | 16.48 | 26.41 |
| 42.5 | 17.34 | 27.68 |
| 43.5 | 19.28 | 28.98 |
| 44.5 | 19.30 | 30.32 |
| 45.5 | 21.24 | 31.68 |
| 46.5 | 21.24 | 33.07 |
| 47.5 | 22.11 | 34.49 |
| 48.5 | 23.33 | 35.95 |
| 49.5 | 24.07 | 37.43 |
| 50.5 | 25.29 | 38.94 |

Z = 47 N = 60 A = 107 (CONTD)

| | | |
|------|-------|-------|
| J | EJAY | EROT |
| 51.5 | 27.90 | 40.48 |

Z = 47 N = 62 A = 109

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0. | 0.01 |
| 1.5 | 1.09 | 0.05 |
| 2.5 | 1.09 | 0.13 |
| 3.5 | 1.09 | 0.23 |
| 4.5 | 0.14 | 0.36 |
| 5.5 | 1.09 | 0.52 |
| 6.5 | 1.09 | 0.71 |
| 7.5 | 1.09 | 0.93 |
| 8.5 | 1.09 | 1.17 |
| 9.5 | 2.15 | 1.45 |
| 10.5 | 2.15 | 1.75 |
| 11.5 | 2.57 | 2.09 |
| 12.5 | 2.57 | 2.45 |
| 13.5 | 2.57 | 2.84 |
| 14.5 | 3.06 | 3.26 |
| 15.5 | 3.52 | 3.71 |
| 16.5 | 3.52 | 4.19 |
| 17.5 | 3.52 | 4.70 |
| 18.5 | 4.01 | 5.24 |
| 19.5 | 4.56 | 5.80 |
| 20.5 | 4.56 | 6.40 |
| 21.5 | 4.95 | 7.02 |
| 22.5 | 5.25 | 7.68 |
| 23.5 | 5.51 | 8.36 |
| 24.5 | 5.51 | 9.07 |
| 25.5 | 6.11 | 9.81 |
| 26.5 | 6.20 | 10.58 |
| 27.5 | 7.06 | 11.38 |
| 28.5 | 7.06 | 12.21 |
| 29.5 | 7.06 | 13.06 |
| 30.5 | 7.92 | 13.95 |
| 31.5 | 9.01 | 14.86 |
| 32.5 | 9.01 | 15.81 |
| 33.5 | 9.87 | 16.78 |
| 34.5 | 9.87 | 17.78 |
| 35.5 | 11.79 | 18.81 |
| 36.5 | 11.81 | 19.87 |
| 37.5 | 12.67 | 20.96 |
| 38.5 | 13.74 | 22.08 |
| 39.5 | 14.60 | 23.23 |
| 40.5 | 14.60 | 24.40 |
| 41.5 | 15.81 | 25.61 |
| 42.5 | 15.81 | 26.84 |
| 43.5 | 17.40 | 28.10 |
| 44.5 | 17.76 | 29.40 |
| 45.5 | 18.62 | 30.72 |
| 46.5 | 20.54 | 32.07 |
| 47.5 | 20.54 | 33.45 |
| 48.5 | 21.76 | 34.85 |
| 49.5 | 22.49 | 36.29 |
| 50.5 | 23.35 | 37.76 |

Z = 47 N = 62 A = 109 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 24.57 | 39.25 |
| 52.5 | 26.51 | 40.78 |

Z = 48 N = 66 A = 114

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.82 | 0.03 |
| 2 | 2.45 | 0.08 |
| 3 | 3.43 | 0.16 |
| 4 | 1.04 | 0.27 |
| 5 | 1.04 | 0.40 |
| 6 | 2.39 | 0.57 |
| 7 | 2.88 | 0.75 |
| 8 | 2.45 | 0.97 |
| 9 | 3.43 | 1.21 |
| 10 | 2.45 | 1.48 |
| 11 | 3.43 | 1.78 |
| 12 | 3.49 | 2.10 |
| 13 | 3.49 | 2.45 |
| 14 | 3.49 | 2.83 |
| 15 | 3.49 | 3.23 |
| 16 | 4.41 | 3.66 |
| 17 | 4.41 | 4.12 |
| 18 | 5.38 | 4.61 |
| 19 | 5.38 | 5.12 |
| 20 | 5.45 | 5.66 |
| 21 | 5.45 | 6.22 |
| 22 | 5.45 | 6.82 |
| 23 | 6.87 | 7.44 |
| 24 | 6.87 | 8.08 |
| 25 | 6.87 | 8.76 |
| 26 | 6.98 | 9.46 |
| 27 | 6.98 | 10.19 |
| 28 | 7.92 | 10.94 |
| 29 | 7.92 | 11.72 |
| 30 | 8.05 | 12.53 |
| 31 | 8.97 | 13.36 |
| 32 | 9.72 | 14.23 |
| 33 | 11.64 | 15.12 |
| 34 | 11.64 | 16.03 |
| 35 | 12.35 | 16.98 |
| 36 | 12.58 | 17.95 |
| 37 | 12.71 | 18.94 |
| 38 | 13.63 | 19.97 |
| 39 | 13.90 | 21.02 |
| 40 | 14.83 | 22.09 |
| 41 | 15.57 | 23.20 |
| 42 | 17.01 | 24.33 |
| 43 | 17.59 | 25.49 |
| 44 | 18.21 | 26.68 |
| 45 | 18.56 | 27.89 |
| 46 | 19.49 | 29.13 |
| 47 | 20.23 | 30.39 |
| 48 | 21.43 | 31.69 |
| 49 | 22.25 | 33.01 |
| 50 | 22.87 | 34.35 |

Z = 48 N = 66 A = 114 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 24.06 | 35.73 |
| 52 | 25.63 | 37.13 |
| 53 | 26.82 | 38.56 |

Z = 49 N = 66 A = 115

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0. | 0.01 |
| 1.5 | 2.43 | 0.05 |
| 2.5 | 2.43 | 0.12 |
| 3.5 | 2.43 | 0.21 |
| 4.5 | 2.37 | 0.33 |
| 5.5 | 2.37 | 0.47 |
| 6.5 | 2.37 | 0.65 |
| 7.5 | 2.43 | 0.85 |
| 8.5 | 2.43 | 1.07 |
| 9.5 | 2.43 | 1.32 |
| 10.5 | 2.43 | 1.60 |
| 11.5 | 4.30 | 1.91 |
| 12.5 | 4.30 | 2.24 |
| 13.5 | 4.30 | 2.60 |
| 14.5 | 4.30 | 2.98 |
| 15.5 | 4.38 | 3.40 |
| 16.5 | 4.38 | 3.83 |
| 17.5 | 4.38 | 4.30 |
| 18.5 | 5.78 | 4.79 |
| 19.5 | 5.78 | 5.31 |
| 20.5 | 5.78 | 5.85 |
| 21.5 | 5.88 | 6.42 |
| 22.5 | 5.88 | 7.02 |
| 23.5 | 6.83 | 7.64 |
| 24.5 | 6.83 | 8.30 |
| 25.5 | 6.95 | 8.97 |
| 26.5 | 7.87 | 9.68 |
| 27.5 | 8.61 | 10.41 |
| 28.5 | 10.43 | 11.16 |
| 29.5 | 10.53 | 11.95 |
| 30.5 | 10.53 | 12.76 |
| 31.5 | 11.47 | 13.59 |
| 32.5 | 11.47 | 14.46 |
| 33.5 | 11.59 | 15.35 |
| 34.5 | 12.52 | 16.26 |
| 35.5 | 12.79 | 17.20 |
| 36.5 | 13.71 | 18.17 |
| 37.5 | 14.45 | 19.17 |
| 38.5 | 15.89 | 20.19 |
| 39.5 | 16.24 | 21.24 |
| 40.5 | 17.08 | 22.32 |
| 41.5 | 17.31 | 23.42 |
| 42.5 | 17.43 | 24.55 |
| 43.5 | 18.35 | 25.70 |
| 44.5 | 19.09 | 26.88 |
| 45.5 | 20.29 | 28.09 |
| 46.5 | 21.11 | 29.33 |
| 47.5 | 21.72 | 30.59 |
| 48.5 | 22.92 | 31.88 |
| 49.5 | 24.48 | 33.19 |
| 50.5 | 25.67 | 34.53 |

Z = 49 N = 66 A = 115 (CONTD)

J EJAY EROT

51.5 28.31 35.90

Z = 50 N = 70 A = 120

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 4.20 | 0.02 |
| 2 | 2.15 | 0.07 |
| 3 | 3.84 | 0.15 |
| 4 | 2.15 | 0.25 |
| 5 | 2.41 | 0.37 |
| 6 | 2.15 | 0.52 |
| 7 | 2.41 | 0.69 |
| 8 | 2.15 | 0.89 |
| 9 | 3.84 | 1.11 |
| 10 | 2.15 | 1.36 |
| 11 | 3.84 | 1.63 |
| 12 | 3.84 | 1.93 |
| 13 | 3.84 | 2.25 |
| 14 | 3.84 | 2.60 |
| 15 | 4.20 | 2.97 |
| 16 | 3.84 | 3.36 |
| 17 | 4.95 | 3.78 |
| 18 | 4.95 | 4.23 |
| 19 | 5.57 | 4.70 |
| 20 | 5.95 | 5.19 |
| 21 | 5.95 | 5.71 |
| 22 | 5.95 | 6.26 |
| 23 | 6.56 | 6.83 |
| 24 | 7.59 | 7.42 |
| 25 | 7.59 | 8.04 |
| 26 | 7.59 | 8.68 |
| 27 | 9.22 | 9.35 |
| 28 | 9.22 | 10.04 |
| 29 | 11.54 | 10.76 |
| 30 | 11.54 | 11.50 |
| 31 | 12.71 | 12.27 |
| 32 | 12.71 | 13.06 |
| 33 | 14.35 | 13.88 |
| 34 | 14.35 | 14.72 |
| 35 | 15.65 | 15.58 |
| 36 | 15.65 | 16.47 |
| 37 | 16.11 | 17.39 |
| 38 | 17.29 | 18.33 |
| 39 | 17.29 | 19.29 |
| 40 | 17.29 | 20.28 |
| 41 | 18.46 | 21.30 |
| 42 | 18.93 | 22.34 |
| 43 | 20.10 | 23.40 |
| 44 | 21.86 | 24.49 |
| 45 | 21.86 | 25.60 |
| 46 | 21.86 | 26.74 |
| 47 | 23.50 | 27.90 |
| 48 | 23.50 | 29.09 |
| 49 | 26.08 | 30.30 |
| 50 | 27.11 | 31.54 |

Z = 50 N = 70 A = 120 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 27.11 | 32.80 |
| 52 | 28.33 | 34.09 |

Z = 51 N = 70 A = 121

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 2.13 | 0.01 |
| 1.5 | 2.13 | 0.05 |
| 2.5 | 0.81 | 0.11 |
| 3.5 | 0. | 0.19 |
| 4.5 | 2.13 | 0.30 |
| 5.5 | 1.17 | 0.44 |
| 6.5 | 2.13 | 0.59 |
| 7.5 | 2.13 | 0.78 |
| 8.5 | 2.13 | 0.99 |
| 9.5 | 2.13 | 1.22 |
| 10.5 | 2.13 | 1.47 |
| 11.5 | 2.13 | 1.75 |
| 12.5 | 2.13 | 2.06 |
| 13.5 | 2.13 | 2.39 |
| 14.5 | 3.31 | 2.74 |
| 15.5 | 3.31 | 3.12 |
| 16.5 | 3.81 | 3.52 |
| 17.5 | 3.81 | 3.95 |
| 18.5 | 3.81 | 4.40 |
| 19.5 | 3.81 | 4.88 |
| 20.5 | 4.91 | 5.38 |
| 21.5 | 4.91 | 5.90 |
| 22.5 | 5.53 | 6.45 |
| 23.5 | 5.90 | 7.02 |
| 24.5 | 5.90 | 7.62 |
| 25.5 | 5.90 | 8.24 |
| 26.5 | 6.51 | 8.89 |
| 27.5 | 7.07 | 9.56 |
| 28.5 | 7.53 | 10.26 |
| 29.5 | 7.53 | 10.98 |
| 30.5 | 8.70 | 11.72 |
| 31.5 | 8.70 | 12.49 |
| 32.5 | 10.33 | 13.28 |
| 33.5 | 10.33 | 14.10 |
| 34.5 | 12.64 | 14.94 |
| 35.5 | 12.64 | 15.81 |
| 36.5 | 13.81 | 16.70 |
| 37.5 | 14.27 | 17.61 |
| 38.5 | 15.44 | 18.55 |
| 39.5 | 16.18 | 19.51 |
| 40.5 | 16.74 | 20.50 |
| 41.5 | 17.20 | 21.52 |
| 42.5 | 17.20 | 22.55 |
| 43.5 | 18.38 | 23.61 |
| 44.5 | 18.38 | 24.70 |
| 45.5 | 20.01 | 25.81 |
| 46.5 | 20.01 | 26.94 |
| 47.5 | 21.77 | 28.10 |
| 48.5 | 23.40 | 29.29 |
| 49.5 | 23.40 | 30.49 |
| 50.5 | 24.83 | 31.73 |

Z = 51 N = 70 A = 121 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 27.00 | 32.98 |
| 52.5 | 27.00 | 34.26 |
| 53.5 | 28.22 | 35.57 |

Z = 52 N = 76 A = 128

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.05 | 0.02 |
| 2 | 1.26 | 0.07 |
| 3 | 2.05 | 0.13 |
| 4 | 1.26 | 0.22 |
| 5 | 1.87 | 0.33 |
| 6 | 1.26 | 0.47 |
| 7 | 1.87 | 0.62 |
| 8 | 2.04 | 0.80 |
| 9 | 2.41 | 1.00 |
| 10 | 2.04 | 1.22 |
| 11 | 3.13 | 1.47 |
| 12 | 3.13 | 1.73 |
| 13 | 3.13 | 2.02 |
| 14 | 3.30 | 2.33 |
| 15 | 3.30 | 2.67 |
| 16 | 3.30 | 3.02 |
| 17 | 4.33 | 3.40 |
| 18 | 4.33 | 3.80 |
| 19 | 4.45 | 4.22 |
| 20 | 4.71 | 4.67 |
| 21 | 4.71 | 5.13 |
| 22 | 5.59 | 5.62 |
| 23 | 5.59 | 6.13 |
| 24 | 5.59 | 6.66 |
| 25 | 6.74 | 7.22 |
| 26 | 6.74 | 7.80 |
| 27 | 6.74 | 8.40 |
| 28 | 7.89 | 9.02 |
| 29 | 9.90 | 9.66 |
| 30 | 10.28 | 10.33 |
| 31 | 11.05 | 11.02 |
| 32 | 11.05 | 11.73 |
| 33 | 12.20 | 12.46 |
| 34 | 13.26 | 13.22 |
| 35 | 13.26 | 14.00 |
| 36 | 14.41 | 14.79 |
| 37 | 15.86 | 15.62 |
| 38 | 16.22 | 16.46 |
| 39 | 16.22 | 17.33 |
| 40 | 17.37 | 18.22 |
| 41 | 19.39 | 19.13 |
| 42 | 19.76 | 20.06 |
| 43 | 20.54 | 21.01 |
| 44 | 20.54 | 21.99 |
| 45 | 21.69 | 22.99 |
| 46 | 22.74 | 24.01 |
| 47 | 22.74 | 25.06 |
| 48 | 23.89 | 26.12 |
| 49 | 26.30 | 27.21 |
| 50 | 26.30 | 28.32 |

Z = 52 N = 76 A = 128 (CONTD)

J EJAY EROT

51 27.45 29.46

Z = 53 N = 74 A = 127

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.79 | 0.01 |
| 1.5 | 1.00 | 0.04 |
| 2.5 | 0.64 | 0.10 |
| 3.5 | 0. | 0.18 |
| 4.5 | 1.00 | 0.28 |
| 5.5 | 0.98 | 0.40 |
| 6.5 | 1.79 | 0.55 |
| 7.5 | 1.00 | 0.72 |
| 8.5 | 1.79 | 0.91 |
| 9.5 | 2.01 | 1.12 |
| 10.5 | 2.01 | 1.36 |
| 11.5 | 2.01 | 1.62 |
| 12.5 | 2.01 | 1.90 |
| 13.5 | 2.01 | 2.20 |
| 14.5 | 2.98 | 2.53 |
| 15.5 | 2.98 | 2.88 |
| 16.5 | 3.00 | 3.25 |
| 17.5 | 3.00 | 3.64 |
| 18.5 | 3.58 | 4.06 |
| 19.5 | 3.59 | 4.50 |
| 20.5 | 4.16 | 4.96 |
| 21.5 | 4.16 | 5.44 |
| 22.5 | 4.57 | 5.95 |
| 23.5 | 4.59 | 6.48 |
| 24.5 | 5.39 | 7.03 |
| 25.5 | 5.62 | 7.60 |
| 26.5 | 5.62 | 8.20 |
| 27.5 | 5.74 | 8.82 |
| 28.5 | 6.77 | 9.46 |
| 29.5 | 6.77 | 10.13 |
| 30.5 | 6.77 | 10.81 |
| 31.5 | 7.53 | 11.52 |
| 32.5 | 7.93 | 12.25 |
| 33.5 | 8.68 | 13.01 |
| 34.5 | 11.07 | 13.78 |
| 35.5 | 11.80 | 14.58 |
| 36.5 | 12.22 | 15.40 |
| 37.5 | 13.13 | 16.25 |
| 38.5 | 14.18 | 17.11 |
| 39.5 | 14.43 | 18.00 |
| 40.5 | 15.34 | 18.91 |
| 41.5 | 16.28 | 19.85 |
| 42.5 | 17.04 | 20.80 |
| 43.5 | 17.44 | 21.78 |
| 44.5 | 18.19 | 22.79 |
| 45.5 | 20.58 | 23.81 |
| 46.5 | 21.38 | 24.86 |
| 47.5 | 21.73 | 25.92 |
| 48.5 | 22.64 | 27.02 |
| 49.5 | 23.58 | 28.13 |
| 50.5 | 23.94 | 29.27 |

Z = 53 N = 74 A = 127 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 24.85 | 30.43 |
| 52.5 | 26.63 | 31.61 |
| 53.5 | 27.43 | 32.81 |
| 54.5 | 27.78 | 34.04 |

Z = 54 N = 78 A = 132

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 1.98 | 0.02 |
| 2 | 1.38 | 0.06 |
| 3 | 1.98 | 0.13 |
| 4 | 1.38 | 0.21 |
| 5 | 1.70 | 0.32 |
| 6 | 1.38 | 0.44 |
| 7 | 1.70 | 0.59 |
| 8 | 2.03 | 0.76 |
| 9 | 2.31 | 0.95 |
| 10 | 2.82 | 1.16 |
| 11 | 2.82 | 1.39 |
| 12 | 2.82 | 1.65 |
| 13 | 3.08 | 1.92 |
| 14 | 3.73 | 2.22 |
| 15 | 3.73 | 2.53 |
| 16 | 4.01 | 2.87 |
| 17 | 4.20 | 3.23 |
| 18 | 4.20 | 3.61 |
| 19 | 4.86 | 4.01 |
| 20 | 4.86 | 4.43 |
| 21 | 5.13 | 4.87 |
| 22 | 5.64 | 5.34 |
| 23 | 5.99 | 5.82 |
| 24 | 5.99 | 6.33 |
| 25 | 5.99 | 6.86 |
| 26 | 6.78 | 7.41 |
| 27 | 7.13 | 7.98 |
| 28 | 7.13 | 8.57 |
| 29 | 8.27 | 9.18 |
| 30 | 10.27 | 9.81 |
| 31 | 10.27 | 10.47 |
| 32 | 10.27 | 11.14 |
| 33 | 11.05 | 11.84 |
| 34 | 11.40 | 12.56 |
| 35 | 11.40 | 13.30 |
| 36 | 12.54 | 14.06 |
| 37 | 13.58 | 14.84 |
| 38 | 13.58 | 15.64 |
| 39 | 14.72 | 16.46 |
| 40 | 15.67 | 17.31 |
| 41 | 16.72 | 18.17 |
| 42 | 17.50 | 19.06 |
| 43 | 17.85 | 19.96 |
| 44 | 17.85 | 20.89 |
| 45 | 18.99 | 21.84 |
| 46 | 21.58 | 22.81 |
| 47 | 22.46 | 23.81 |
| 48 | 22.81 | 24.82 |
| 49 | 23.76 | 25.85 |
| 50 | 25.06 | 26.91 |

Z = 54 N = 78 A = 132 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 25.85 | 27.98 |
| 52 | 26.89 | 29.08 |
| 53 | 26.89 | 30.20 |
| 54 | 27.24 | 31.34 |
| 55 | 28.03 | 32.50 |

Z = 55 N = 78 A = 133

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.69 | 0.01 |
| 1.5 | 1.19 | 0.04 |
| 2.5 | 0.46 | 0.09 |
| 3.5 | 0. | 0.16 |
| 4.5 | 1.19 | 0.26 |
| 5.5 | 0.77 | 0.37 |
| 6.5 | 1.69 | 0.51 |
| 7.5 | 1.19 | 0.66 |
| 8.5 | 1.69 | 0.84 |
| 9.5 | 1.69 | 1.04 |
| 10.5 | 1.69 | 1.26 |
| 11.5 | 2.03 | 1.50 |
| 12.5 | 2.46 | 1.76 |
| 13.5 | 2.61 | 2.04 |
| 14.5 | 2.80 | 2.34 |
| 15.5 | 2.80 | 2.66 |
| 16.5 | 3.57 | 3.01 |
| 17.5 | 3.57 | 3.37 |
| 18.5 | 3.72 | 3.76 |
| 19.5 | 3.99 | 4.17 |
| 20.5 | 4.30 | 4.59 |
| 21.5 | 4.83 | 5.04 |
| 22.5 | 4.83 | 5.51 |
| 23.5 | 4.83 | 6.00 |
| 24.5 | 5.41 | 6.51 |
| 25.5 | 5.41 | 7.04 |
| 26.5 | 6.19 | 7.59 |
| 27.5 | 6.19 | 8.17 |
| 28.5 | 6.54 | 8.76 |
| 29.5 | 6.54 | 9.38 |
| 30.5 | 7.33 | 10.01 |
| 31.5 | 7.68 | 10.67 |
| 32.5 | 9.67 | 11.34 |
| 33.5 | 10.45 | 12.04 |
| 34.5 | 10.45 | 12.76 |
| 35.5 | 10.80 | 13.50 |
| 36.5 | 10.80 | 14.26 |
| 37.5 | 11.59 | 15.04 |
| 38.5 | 11.94 | 15.85 |
| 39.5 | 12.98 | 16.67 |
| 40.5 | 13.76 | 17.51 |
| 41.5 | 14.11 | 18.38 |
| 42.5 | 15.85 | 19.26 |
| 43.5 | 16.20 | 20.17 |
| 44.5 | 17.24 | 21.10 |
| 45.5 | 17.24 | 22.05 |
| 46.5 | 18.02 | 23.02 |
| 47.5 | 18.37 | 24.01 |
| 48.5 | 21.83 | 25.02 |
| 49.5 | 22.18 | 26.05 |
| 50.5 | 22.96 | 27.10 |

Z = 55 N = 78 A = 133 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 24.82 | 28.17 |
| 52.5 | 25.21 | 29.27 |
| 53.5 | 26.24 | 30.38 |
| 54.5 | 26.60 | 31.52 |
| 55.5 | 27.38 | 32.67 |
| 56.5 | 27.38 | 33.85 |

Z = 56 N = 82 A = 138

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 1.89 | 0.02 |
| 2 | 1.53 | 0.06 |
| 3 | 1.89 | 0.12 |
| 4 | 1.53 | 0.20 |
| 5 | 1.89 | 0.29 |
| 6 | 1.53 | 0.41 |
| 7 | 2.19 | 0.55 |
| 8 | 2.19 | 0.71 |
| 9 | 2.19 | 0.88 |
| 10 | 2.90 | 1.08 |
| 11 | 3.23 | 1.29 |
| 12 | 3.23 | 1.53 |
| 13 | 3.23 | 1.78 |
| 14 | 3.73 | 2.06 |
| 15 | 4.06 | 2.35 |
| 16 | 4.06 | 2.67 |
| 17 | 4.55 | 3.00 |
| 18 | 4.55 | 3.35 |
| 19 | 5.32 | 3.72 |
| 20 | 5.32 | 4.12 |
| 21 | 5.67 | 4.53 |
| 22 | 6.45 | 4.96 |
| 23 | 8.17 | 5.41 |
| 24 | 8.95 | 5.88 |
| 25 | 8.95 | 6.37 |
| 26 | 9.30 | 6.88 |
| 27 | 10.07 | 7.41 |
| 28 | 11.10 | 7.96 |
| 29 | 11.44 | 8.52 |
| 30 | 12.22 | 9.11 |
| 31 | 14.17 | 9.72 |
| 32 | 14.72 | 10.35 |
| 33 | 15.07 | 10.99 |
| 34 | 15.84 | 11.66 |
| 35 | 16.78 | 12.35 |
| 36 | 17.13 | 13.05 |
| 37 | 17.90 | 13.78 |
| 38 | 18.15 | 14.52 |
| 39 | 18.92 | 15.29 |
| 40 | 18.92 | 16.07 |
| 41 | 19.27 | 16.87 |
| 42 | 20.05 | 17.70 |
| 43 | 23.81 | 18.54 |
| 44 | 23.81 | 19.40 |
| 45 | 24.93 | 20.28 |
| 46 | 25.64 | 21.18 |
| 47 | 27.82 | 22.11 |
| 48 | 28.17 | 23.05 |
| 49 | 28.17 | 24.01 |

Z = 57 N = 82 A = 139

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.66 | 0.01 |
| 1.5 | 1.66 | 0.04 |
| 2.5 | 0.26 | 0.08 |
| 3.5 | 0. | 0.15 |
| 4.5 | 1.66 | 0.24 |
| 5.5 | 0.53 | 0.35 |
| 6.5 | 1.66 | 0.47 |
| 7.5 | 1.66 | 0.62 |
| 8.5 | 1.66 | 0.78 |
| 9.5 | 1.95 | 0.97 |
| 10.5 | 1.95 | 1.17 |
| 11.5 | 1.95 | 1.39 |
| 12.5 | 2.60 | 1.63 |
| 13.5 | 2.60 | 1.90 |
| 14.5 | 3.19 | 2.18 |
| 15.5 | 3.19 | 2.48 |
| 16.5 | 3.53 | 2.80 |
| 17.5 | 3.53 | 3.13 |
| 18.5 | 4.05 | 3.49 |
| 19.5 | 4.38 | 3.87 |
| 20.5 | 4.46 | 4.27 |
| 21.5 | 4.81 | 4.68 |
| 22.5 | 5.58 | 5.12 |
| 23.5 | 5.58 | 5.57 |
| 24.5 | 6.70 | 6.05 |
| 25.5 | 8.08 | 6.54 |
| 26.5 | 8.43 | 7.06 |
| 27.5 | 9.20 | 7.59 |
| 28.5 | 9.20 | 8.14 |
| 29.5 | 10.32 | 8.71 |
| 30.5 | 11.34 | 9.30 |
| 31.5 | 11.34 | 9.91 |
| 32.5 | 12.46 | 10.54 |
| 33.5 | 14.07 | 11.19 |
| 34.5 | 14.96 | 11.86 |
| 35.5 | 14.96 | 12.54 |
| 36.5 | 16.08 | 13.25 |
| 37.5 | 17.01 | 13.98 |
| 38.5 | 17.01 | 14.72 |
| 39.5 | 17.94 | 15.49 |
| 40.5 | 18.03 | 16.27 |
| 41.5 | 18.38 | 17.08 |
| 42.5 | 19.15 | 17.90 |
| 43.5 | 19.15 | 18.74 |
| 44.5 | 20.27 | 19.60 |
| 45.5 | 23.67 | 20.48 |
| 46.5 | 24.02 | 21.38 |
| 47.5 | 24.73 | 22.30 |
| 48.5 | 25.50 | 23.24 |
| 49.5 | 28.02 | 24.20 |
| 50.5 | 28.02 | 25.18 |

Z = 57 N = 82 A = 139 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 28.37 | 26.18 |

Z = 58 N = 82 A = 140

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 1.90 | 0.02 |
| 2 | 1.90 | 0.06 |
| 3 | 1.90 | 0.11 |
| 4 | 1.90 | 0.19 |
| 5 | 1.90 | 0.29 |
| 6 | 1.90 | 0.40 |
| 7 | 2.16 | 0.54 |
| 8 | 2.16 | 0.69 |
| 9 | 2.16 | 0.86 |
| 10 | 2.67 | 1.05 |
| 11 | 3.68 | 1.26 |
| 12 | 3.68 | 1.49 |
| 13 | 3.68 | 1.74 |
| 14 | 3.68 | 2.01 |
| 15 | 3.98 | 2.30 |
| 16 | 3.98 | 2.60 |
| 17 | 4.62 | 2.93 |
| 18 | 5.09 | 3.27 |
| 19 | 5.09 | 3.64 |
| 20 | 5.09 | 4.02 |
| 21 | 5.44 | 4.42 |
| 22 | 5.98 | 4.84 |
| 23 | 6.36 | 5.28 |
| 24 | 6.36 | 5.74 |
| 25 | 7.13 | 6.22 |
| 26 | 7.48 | 6.72 |
| 27 | 9.59 | 7.23 |
| 28 | 9.97 | 7.77 |
| 29 | 9.97 | 8.32 |
| 30 | 10.74 | 8.90 |
| 31 | 11.08 | 9.49 |
| 32 | 12.10 | 10.10 |
| 33 | 12.88 | 10.73 |
| 34 | 13.22 | 11.38 |
| 35 | 15.60 | 12.05 |
| 36 | 15.71 | 12.74 |
| 37 | 16.48 | 13.45 |
| 38 | 16.83 | 14.18 |
| 39 | 17.76 | 14.92 |
| 40 | 18.53 | 15.69 |
| 41 | 18.87 | 16.47 |
| 42 | 19.52 | 17.28 |
| 43 | 19.89 | 18.10 |
| 44 | 19.89 | 18.94 |
| 45 | 20.66 | 19.80 |
| 46 | 21.01 | 20.68 |
| 47 | 24.75 | 21.58 |
| 48 | 25.46 | 22.50 |
| 49 | 26.23 | 23.44 |
| 50 | 26.23 | 24.39 |

Z = 58 N = 82 A = 140 (CONTD)

J EJAY EROT

51 27.35 25.37

Z = 59 N = 82 A = 141

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.72 | 0.01 |
| 1.5 | 1.72 | 0.04 |
| 2.5 | 0. | 0.08 |
| 3.5 | 1.72 | 0.15 |
| 4.5 | 1.72 | 0.23 |
| 5.5 | 0.23 | 0.34 |
| 6.5 | 1.72 | 0.46 |
| 7.5 | 1.72 | 0.60 |
| 8.5 | 1.98 | 0.76 |
| 9.5 | 1.98 | 0.94 |
| 10.5 | 1.98 | 1.14 |
| 11.5 | 1.98 | 1.36 |
| 12.5 | 2.25 | 1.60 |
| 13.5 | 2.25 | 1.85 |
| 14.5 | 3.31 | 2.12 |
| 15.5 | 3.31 | 2.42 |
| 16.5 | 3.63 | 2.73 |
| 17.5 | 3.63 | 3.06 |
| 18.5 | 3.63 | 3.41 |
| 19.5 | 3.94 | 3.78 |
| 20.5 | 4.59 | 4.17 |
| 21.5 | 4.59 | 4.57 |
| 22.5 | 4.93 | 5.00 |
| 23.5 | 4.93 | 5.44 |
| 24.5 | 5.88 | 5.91 |
| 25.5 | 5.88 | 6.39 |
| 26.5 | 6.22 | 6.89 |
| 27.5 | 6.99 | 7.41 |
| 28.5 | 8.53 | 7.95 |
| 29.5 | 9.47 | 8.51 |
| 30.5 | 9.48 | 9.08 |
| 31.5 | 9.82 | 9.68 |
| 32.5 | 10.59 | 10.29 |
| 33.5 | 11.61 | 10.93 |
| 34.5 | 11.95 | 11.58 |
| 35.5 | 12.72 | 12.25 |
| 36.5 | 14.68 | 12.94 |
| 37.5 | 15.21 | 13.65 |
| 38.5 | 15.55 | 14.38 |
| 39.5 | 16.32 | 15.12 |
| 40.5 | 17.25 | 15.89 |
| 41.5 | 17.59 | 16.67 |
| 42.5 | 18.36 | 17.48 |
| 43.5 | 18.43 | 18.30 |
| 44.5 | 19.38 | 19.14 |
| 45.5 | 19.38 | 20.00 |
| 46.5 | 19.72 | 20.88 |
| 47.5 | 20.49 | 21.78 |
| 48.5 | 24.22 | 22.70 |
| 49.5 | 24.93 | 23.63 |
| 50.5 | 24.93 | 24.59 |

Z = 59 N = 82 A = 141 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 25.70 | 25.56 |
| 52.5 | 26.05 | 26.55 |

Z = 60 N = 82 A = 142

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 3.48 | 0.02 |
| 2 | 1.96 | 0.06 |
| 3 | 2.19 | 0.11 |
| 4 | 1.96 | 0.19 |
| 5 | 2.19 | 0.28 |
| 6 | 2.19 | 0.39 |
| 7 | 2.19 | 0.52 |
| 8 | 2.19 | 0.67 |
| 9 | 3.75 | 0.84 |
| 10 | 2.42 | 1.03 |
| 11 | 3.75 | 1.23 |
| 12 | 3.75 | 1.46 |
| 13 | 3.75 | 1.70 |
| 14 | 4.02 | 1.96 |
| 15 | 4.02 | 2.24 |
| 16 | 4.02 | 2.54 |
| 17 | 4.30 | 2.86 |
| 18 | 5.21 | 3.20 |
| 19 | 5.21 | 3.55 |
| 20 | 5.21 | 3.92 |
| 21 | 5.54 | 4.32 |
| 22 | 5.54 | 4.73 |
| 23 | 6.46 | 5.16 |
| 24 | 6.46 | 5.61 |
| 25 | 6.46 | 6.07 |
| 26 | 6.80 | 6.56 |
| 27 | 7.74 | 7.06 |
| 28 | 7.74 | 7.59 |
| 29 | 8.86 | 8.13 |
| 30 | 10.04 | 8.69 |
| 31 | 10.39 | 9.27 |
| 32 | 11.33 | 9.87 |
| 33 | 11.33 | 10.48 |
| 34 | 12.44 | 11.12 |
| 35 | 13.46 | 11.77 |
| 36 | 13.46 | 12.44 |
| 37 | 14.57 | 13.14 |
| 38 | 16.10 | 13.85 |
| 39 | 17.05 | 14.57 |
| 40 | 17.05 | 15.32 |
| 41 | 18.14 | 16.09 |
| 42 | 19.01 | 16.87 |
| 43 | 19.08 | 17.68 |
| 44 | 19.92 | 18.50 |
| 45 | 19.92 | 19.34 |
| 46 | 20.27 | 20.20 |
| 47 | 21.21 | 21.08 |
| 48 | 21.21 | 21.97 |
| 49 | 22.32 | 22.89 |
| 50 | 25.46 | 23.82 |

Z = 60 N = 82 A = 142 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 26.08 | 24.78 |
| 52 | 26.41 | 25.75 |
| 53 | 26.75 | 26.74 |
| 54 | 27.52 | 27.75 |

Z = 61 N = 84 A = 145

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.98 | 0.01 |
| 1.5 | 0.98 | 0.03 |
| 2.5 | 0. | 0.08 |
| 3.5 | 0.98 | 0.14 |
| 4.5 | 0.98 | 0.22 |
| 5.5 | 0.17 | 0.32 |
| 6.5 | 0.98 | 0.44 |
| 7.5 | 0.98 | 0.58 |
| 8.5 | 0.98 | 0.73 |
| 9.5 | 1.15 | 0.90 |
| 10.5 | 1.15 | 1.09 |
| 11.5 | 1.15 | 1.30 |
| 12.5 | 2.13 | 1.52 |
| 13.5 | 2.37 | 1.77 |
| 14.5 | 2.87 | 2.03 |
| 15.5 | 2.87 | 2.31 |
| 16.5 | 3.11 | 2.61 |
| 17.5 | 3.11 | 2.92 |
| 18.5 | 3.11 | 3.25 |
| 19.5 | 3.35 | 3.61 |
| 20.5 | 4.47 | 3.98 |
| 21.5 | 4.50 | 4.36 |
| 22.5 | 4.50 | 4.77 |
| 23.5 | 4.50 | 5.19 |
| 24.5 | 4.79 | 5.64 |
| 25.5 | 4.79 | 6.10 |
| 26.5 | 5.45 | 6.58 |
| 27.5 | 5.81 | 7.07 |
| 28.5 | 5.81 | 7.59 |
| 29.5 | 5.81 | 8.12 |
| 30.5 | 6.17 | 8.67 |
| 31.5 | 6.73 | 9.24 |
| 32.5 | 7.07 | 9.82 |
| 33.5 | 7.07 | 10.43 |
| 34.5 | 8.00 | 11.05 |
| 35.5 | 8.35 | 11.69 |
| 36.5 | 9.18 | 12.35 |
| 37.5 | 9.18 | 13.03 |
| 38.5 | 10.12 | 13.72 |
| 39.5 | 10.46 | 14.43 |
| 40.5 | 12.23 | 15.17 |
| 41.5 | 12.57 | 15.91 |
| 42.5 | 13.68 | 16.68 |
| 43.5 | 14.02 | 17.47 |
| 44.5 | 14.86 | 18.27 |
| 45.5 | 15.79 | 19.09 |
| 46.5 | 16.13 | 19.93 |
| 47.5 | 17.96 | 20.79 |
| 48.5 | 19.18 | 21.66 |
| 49.5 | 19.70 | 22.55 |
| 50.5 | 21.01 | 23.47 |

Z = 61 N = 84 A = 145 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 21.29 | 24.40 |
| 52.5 | 22.40 | 25.34 |
| 53.5 | 24.22 | 26.31 |
| 54.5 | 24.85 | 27.29 |
| 55.5 | 25.96 | 28.29 |
| 56.5 | 26.68 | 29.31 |
| 57.5 | 27.79 | 30.35 |

Z = 62 N = 90 A = 152

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.22 | 0.02 |
| 2 | 1.78 | 0.05 |
| 3 | 1.93 | 0.10 |
| 4 | 1.78 | 0.17 |
| 5 | 1.93 | 0.25 |
| 6 | 1.93 | 0.35 |
| 7 | 1.93 | 0.47 |
| 8 | 1.93 | 0.60 |
| 9 | 2.49 | 0.75 |
| 10 | 2.10 | 0.92 |
| 11 | 3.48 | 1.10 |
| 12 | 3.54 | 1.30 |
| 13 | 3.54 | 1.52 |
| 14 | 3.54 | 1.75 |
| 15 | 3.79 | 2.00 |
| 16 | 3.79 | 2.27 |
| 17 | 4.32 | 2.55 |
| 18 | 4.32 | 2.85 |
| 19 | 4.59 | 3.17 |
| 20 | 4.59 | 3.50 |
| 21 | 4.97 | 3.85 |
| 22 | 5.29 | 4.22 |
| 23 | 5.85 | 4.60 |
| 24 | 5.85 | 5.00 |
| 25 | 6.19 | 5.42 |
| 26 | 6.19 | 5.86 |
| 27 | 6.52 | 6.31 |
| 28 | 6.81 | 6.77 |
| 29 | 7.19 | 7.26 |
| 30 | 7.46 | 7.76 |
| 31 | 7.46 | 8.27 |
| 32 | 7.78 | 8.81 |
| 33 | 8.22 | 9.36 |
| 34 | 8.34 | 9.93 |
| 35 | 8.68 | 10.51 |
| 36 | 8.68 | 11.11 |
| 37 | 9.39 | 11.73 |
| 38 | 9.39 | 12.36 |
| 39 | 9.68 | 13.01 |
| 40 | 9.99 | 13.68 |
| 41 | 10.27 | 14.36 |
| 42 | 10.55 | 15.06 |
| 43 | 10.61 | 15.78 |
| 44 | 10.89 | 16.52 |
| 45 | 11.53 | 17.27 |
| 46 | 11.81 | 18.03 |
| 47 | 12.15 | 18.82 |
| 48 | 12.52 | 19.62 |
| 49 | 12.86 | 20.44 |
| 50 | 12.86 | 21.27 |

Z = 62 N = 90 A = 152 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 13.78 | 22.12 |
| 52 | 13.78 | 22.99 |
| 53 | 14.11 | 23.87 |
| 54 | 14.83 | 24.77 |
| 55 | 15.11 | 25.69 |
| 56 | 15.74 | 26.62 |
| 57 | 16.03 | 27.58 |
| 58 | 16.36 | 28.54 |
| 59 | 17.28 | 29.53 |
| 60 | 17.82 | 30.53 |
| 61 | 18.16 | 31.55 |
| 62 | 19.08 | 32.58 |
| 63 | 20.24 | 33.63 |
| 64 | 21.16 | 34.70 |
| 65 | 22.70 | 35.78 |
| 66 | 23.24 | 36.88 |
| 67 | 24.16 | 38.00 |
| 68 | 24.50 | 39.14 |
| 69 | 26.24 | 40.29 |
| 70 | 26.58 | 41.45 |

Z = 63 N = 90 A = 153

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.83 | 0.01 |
| 1.5 | 1.68 | 0.03 |
| 2.5 | 0. | 0.07 |
| 3.5 | 1.68 | 0.13 |
| 4.5 | 1.68 | 0.20 |
| 5.5 | 0.10 | 0.29 |
| 6.5 | 1.68 | 0.40 |
| 7.5 | 1.68 | 0.53 |
| 8.5 | 1.68 | 0.67 |
| 9.5 | 1.68 | 0.82 |
| 10.5 | 1.83 | 1.00 |
| 11.5 | 1.83 | 1.19 |
| 12.5 | 1.83 | 1.39 |
| 13.5 | 2.00 | 1.61 |
| 14.5 | 2.58 | 1.85 |
| 15.5 | 2.58 | 2.11 |
| 16.5 | 3.22 | 2.38 |
| 17.5 | 3.22 | 2.67 |
| 18.5 | 3.49 | 2.98 |
| 19.5 | 4.03 | 3.30 |
| 20.5 | 4.03 | 3.64 |
| 21.5 | 4.16 | 3.99 |
| 22.5 | 4.31 | 4.36 |
| 23.5 | 4.47 | 4.75 |
| 24.5 | 5.41 | 5.15 |
| 25.5 | 5.41 | 5.58 |
| 26.5 | 5.41 | 6.01 |
| 27.5 | 5.70 | 6.47 |
| 28.5 | 5.97 | 6.94 |
| 29.5 | 6.23 | 7.42 |
| 30.5 | 6.40 | 7.93 |
| 31.5 | 6.64 | 8.45 |
| 32.5 | 7.00 | 8.98 |
| 33.5 | 7.00 | 9.54 |
| 34.5 | 7.62 | 10.10 |
| 35.5 | 7.89 | 10.69 |
| 36.5 | 7.89 | 11.29 |
| 37.5 | 8.23 | 11.91 |
| 38.5 | 8.56 | 12.55 |
| 39.5 | 8.84 | 13.20 |
| 40.5 | 8.93 | 13.87 |
| 41.5 | 9.21 | 14.55 |
| 42.5 | 9.82 | 15.25 |
| 43.5 | 9.82 | 15.97 |
| 44.5 | 10.10 | 16.70 |
| 45.5 | 10.43 | 17.46 |
| 46.5 | 11.07 | 18.22 |
| 47.5 | 11.17 | 19.01 |
| 48.5 | 11.78 | 19.81 |
| 49.5 | 12.06 | 20.62 |
| 50.5 | 12.06 | 21.46 |

Z = 63 N = 90 A = 153 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 12.40 | 22.31 |
| 52.5 | 13.31 | 23.17 |
| 53.5 | 13.31 | 24.06 |
| 54.5 | 14.02 | 24.95 |
| 55.5 | 14.30 | 25.87 |
| 56.5 | 14.64 | 26.80 |
| 57.5 | 15.27 | 27.75 |
| 58.5 | 15.56 | 28.72 |
| 59.5 | 16.43 | 29.70 |
| 60.5 | 17.35 | 30.70 |
| 61.5 | 17.35 | 31.71 |
| 62.5 | 18.60 | 32.74 |
| 63.5 | 19.43 | 33.79 |
| 64.5 | 20.68 | 34.86 |
| 65.5 | 21.87 | 35.94 |
| 66.5 | 22.42 | 37.03 |
| 67.5 | 22.75 | 38.15 |
| 68.5 | 23.67 | 39.28 |
| 69.5 | 24.83 | 40.42 |
| 70.5 | 25.74 | 41.59 |

Z = 64 N = 94 A = 158

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 3.23 | 0.02 |
| 2 | 1.89 | 0.05 |
| 3 | 1.81 | 0.09 |
| 4 | 1.81 | 0.16 |
| 5 | 1.81 | 0.23 |
| 6 | 1.81 | 0.33 |
| 7 | 1.81 | 0.44 |
| 8 | 1.81 | 0.56 |
| 9 | 2.41 | 0.70 |
| 10 | 1.89 | 0.86 |
| 11 | 2.41 | 1.03 |
| 12 | 2.62 | 1.22 |
| 13 | 3.23 | 1.42 |
| 14 | 3.23 | 1.64 |
| 15 | 3.37 | 1.88 |
| 16 | 3.37 | 2.13 |
| 17 | 4.09 | 2.39 |
| 18 | 4.09 | 2.67 |
| 19 | 4.21 | 2.97 |
| 20 | 4.30 | 3.28 |
| 21 | 4.30 | 3.61 |
| 22 | 4.52 | 3.96 |
| 23 | 5.38 | 4.32 |
| 24 | 5.38 | 4.69 |
| 25 | 5.64 | 5.08 |
| 26 | 5.78 | 5.49 |
| 27 | 5.78 | 5.91 |
| 28 | 5.99 | 6.35 |
| 29 | 6.37 | 6.80 |
| 30 | 6.37 | 7.27 |
| 31 | 6.66 | 7.76 |
| 32 | 7.13 | 8.26 |
| 33 | 7.55 | 8.77 |
| 34 | 7.70 | 9.31 |
| 35 | 7.78 | 9.85 |
| 36 | 7.84 | 10.42 |
| 37 | 8.13 | 10.99 |
| 38 | 8.57 | 11.59 |
| 39 | 8.92 | 12.20 |
| 40 | 8.98 | 12.82 |
| 41 | 9.27 | 13.47 |
| 42 | 9.77 | 14.12 |
| 43 | 9.85 | 14.79 |
| 44 | 9.85 | 15.48 |
| 45 | 10.14 | 16.19 |
| 46 | 10.47 | 16.91 |
| 47 | 11.08 | 17.64 |
| 48 | 11.08 | 18.39 |
| 49 | 11.38 | 19.16 |
| 50 | 11.77 | 19.94 |

Z = 64 N = 94 A = 158 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 12.05 | 20.74 |
| 52 | 12.05 | 21.55 |
| 53 | 12.38 | 22.38 |
| 54 | 13.01 | 23.22 |
| 55 | 13.29 | 24.08 |
| 56 | 13.29 | 24.96 |
| 57 | 13.99 | 25.85 |
| 58 | 14.27 | 26.76 |
| 59 | 14.60 | 27.68 |
| 60 | 15.23 | 28.62 |
| 61 | 15.23 | 29.57 |
| 62 | 15.51 | 30.54 |
| 63 | 16.47 | 31.53 |
| 64 | 16.74 | 32.53 |
| 65 | 17.45 | 33.55 |
| 66 | 17.45 | 34.58 |
| 67 | 18.68 | 35.63 |
| 68 | 18.68 | 36.69 |
| 69 | 19.66 | 37.77 |
| 70 | 20.62 | 38.86 |
| 71 | 20.90 | 39.97 |
| 72 | 22.68 | 41.10 |
| 73 | 23.70 | 42.24 |
| 74 | 23.70 | 43.40 |
| 75 | 24.93 | 44.57 |
| 76 | 25.64 | 45.76 |
| 77 | 25.91 | 46.97 |
| 78 | 27.15 | 48.19 |
| 79 | 28.93 | 49.42 |

Z = 65 N = 94 A = 159

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.61 | 0.01 |
| 1.5 | 1.47 | 0.03 |
| 2.5 | 1.61 | 0.07 |
| 3.5 | 1.61 | 0.12 |
| 4.5 | 1.61 | 0.19 |
| 5.5 | 0. | 0.28 |
| 6.5 | 1.61 | 0.38 |
| 7.5 | 1.61 | 0.49 |
| 8.5 | 1.61 | 0.62 |
| 9.5 | 1.61 | 0.77 |
| 10.5 | 1.61 | 0.93 |
| 11.5 | 1.61 | 1.11 |
| 12.5 | 1.61 | 1.31 |
| 13.5 | 1.68 | 1.51 |
| 14.5 | 2.39 | 1.74 |
| 15.5 | 2.39 | 1.98 |
| 16.5 | 2.39 | 2.23 |
| 17.5 | 2.60 | 2.51 |
| 18.5 | 2.94 | 2.79 |
| 19.5 | 3.51 | 3.09 |
| 20.5 | 3.51 | 3.41 |
| 21.5 | 3.85 | 3.74 |
| 22.5 | 4.00 | 4.09 |
| 23.5 | 4.00 | 4.46 |
| 24.5 | 4.07 | 4.83 |
| 25.5 | 4.28 | 5.23 |
| 26.5 | 4.72 | 5.64 |
| 27.5 | 5.21 | 6.06 |
| 28.5 | 5.21 | 6.51 |
| 29.5 | 5.33 | 6.96 |
| 30.5 | 5.55 | 7.43 |
| 31.5 | 5.90 | 7.92 |
| 32.5 | 6.04 | 8.42 |
| 33.5 | 6.11 | 8.94 |
| 34.5 | 6.40 | 9.48 |
| 35.5 | 7.09 | 10.03 |
| 36.5 | 7.13 | 10.59 |
| 37.5 | 7.25 | 11.17 |
| 38.5 | 7.38 | 11.77 |
| 39.5 | 7.67 | 12.38 |
| 40.5 | 7.94 | 13.01 |
| 41.5 | 8.23 | 13.65 |
| 42.5 | 8.60 | 14.31 |
| 43.5 | 9.18 | 14.98 |
| 44.5 | 9.18 | 15.67 |
| 45.5 | 9.18 | 16.37 |
| 46.5 | 9.47 | 17.09 |
| 47.5 | 10.15 | 17.83 |
| 48.5 | 10.15 | 18.58 |
| 49.5 | 10.51 | 19.34 |
| 50.5 | 11.10 | 20.12 |

Z = 65 N = 94 A = 159 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 11.10 | 20.92 |
| 52.5 | 11.38 | 21.73 |
| 53.5 | 11.38 | 22.56 |
| 54.5 | 12.34 | 23.41 |
| 55.5 | 12.62 | 24.26 |
| 56.5 | 12.62 | 25.14 |
| 57.5 | 13.32 | 26.03 |
| 58.5 | 13.32 | 26.93 |
| 59.5 | 13.59 | 27.85 |
| 60.5 | 14.55 | 28.79 |
| 61.5 | 14.55 | 29.74 |
| 62.5 | 14.83 | 30.71 |
| 63.5 | 15.53 | 31.69 |
| 64.5 | 16.49 | 32.69 |
| 65.5 | 16.76 | 33.70 |
| 66.5 | 16.76 | 34.73 |
| 67.5 | 18.66 | 35.78 |
| 68.5 | 18.70 | 36.84 |
| 69.5 | 18.98 | 37.91 |
| 70.5 | 20.75 | 39.00 |
| 71.5 | 21.77 | 40.11 |
| 72.5 | 21.77 | 41.23 |
| 73.5 | 23.00 | 42.37 |
| 74.5 | 23.00 | 43.52 |
| 75.5 | 23.98 | 44.69 |
| 76.5 | 24.94 | 45.88 |
| 77.5 | 25.21 | 47.08 |
| 78.5 | 26.98 | 48.29 |
| 79.5 | 28.89 | 49.52 |

Z = 66 N = 84 A = 150

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.74 | 0.02 |
| 2 | 0.93 | 0.05 |
| 3 | 2.74 | 0.10 |
| 4 | 0.93 | 0.17 |
| 5 | 2.74 | 0.26 |
| 6 | 0.93 | 0.36 |
| 7 | 2.74 | 0.48 |
| 8 | 1.90 | 0.61 |
| 9 | 2.83 | 0.77 |
| 10 | 1.90 | 0.94 |
| 11 | 2.83 | 1.13 |
| 12 | 2.83 | 1.33 |
| 13 | 2.83 | 1.55 |
| 14 | 2.83 | 1.79 |
| 15 | 2.83 | 2.05 |
| 16 | 2.83 | 2.32 |
| 17 | 4.34 | 2.61 |
| 18 | 4.34 | 2.92 |
| 19 | 4.34 | 3.24 |
| 20 | 4.34 | 3.58 |
| 21 | 4.34 | 3.94 |
| 22 | 4.34 | 4.31 |
| 23 | 5.41 | 4.71 |
| 24 | 5.41 | 5.12 |
| 25 | 5.41 | 5.54 |
| 26 | 5.41 | 5.99 |
| 27 | 5.98 | 6.45 |
| 28 | 5.98 | 6.92 |
| 29 | 7.24 | 7.42 |
| 30 | 7.24 | 7.93 |
| 31 | 7.24 | 8.46 |
| 32 | 7.24 | 9.00 |
| 33 | 9.05 | 9.57 |
| 34 | 9.05 | 10.15 |
| 35 | 9.33 | 10.74 |
| 36 | 9.33 | 11.36 |
| 37 | 11.14 | 11.99 |
| 38 | 11.42 | 12.64 |
| 39 | 12.53 | 13.30 |
| 40 | 12.53 | 13.98 |
| 41 | 13.60 | 14.68 |
| 42 | 14.43 | 15.40 |
| 43 | 14.94 | 16.13 |
| 44 | 15.69 | 16.88 |
| 45 | 15.69 | 17.65 |
| 46 | 17.50 | 18.44 |
| 47 | 17.78 | 19.24 |
| 48 | 19.21 | 20.06 |
| 49 | 19.21 | 20.89 |
| 50 | 20.64 | 21.74 |

Z = 66 N = 84 A = 150 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 21.02 | 22.61 |
| 52 | 21.30 | 23.50 |
| 53 | 23.11 | 24.40 |
| 54 | 24.54 | 25.33 |
| 55 | 24.82 | 26.26 |
| 56 | 26.63 | 27.22 |
| 57 | 26.63 | 28.19 |
| 58 | 28.57 | 29.18 |

Z = 66 N = 96 A = 162

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 3.14 | 0.02 |
| 2 | 1.75 | 0.05 |
| 3 | 2.30 | 0.09 |
| 4 | 1.75 | 0.15 |
| 5 | 2.30 | 0.23 |
| 6 | 1.75 | 0.32 |
| 7 | 2.30 | 0.42 |
| 8 | 1.75 | 0.54 |
| 9 | 2.30 | 0.68 |
| 10 | 1.75 | 0.83 |
| 11 | 2.30 | 0.99 |
| 12 | 2.47 | 1.17 |
| 13 | 3.14 | 1.37 |
| 14 | 3.14 | 1.58 |
| 15 | 3.14 | 1.80 |
| 16 | 3.14 | 2.04 |
| 17 | 3.89 | 2.30 |
| 18 | 3.89 | 2.57 |
| 19 | 4.06 | 2.85 |
| 20 | 4.06 | 3.15 |
| 21 | 4.06 | 3.47 |
| 22 | 4.22 | 3.80 |
| 23 | 5.28 | 4.14 |
| 24 | 5.28 | 4.50 |
| 25 | 5.44 | 4.88 |
| 26 | 5.44 | 5.27 |
| 27 | 5.44 | 5.67 |
| 28 | 5.60 | 6.09 |
| 29 | 6.00 | 6.53 |
| 30 | 6.00 | 6.98 |
| 31 | 6.21 | 7.44 |
| 32 | 6.58 | 7.92 |
| 33 | 6.95 | 8.42 |
| 34 | 7.11 | 8.93 |
| 35 | 7.38 | 9.45 |
| 36 | 7.38 | 9.99 |
| 37 | 7.54 | 10.55 |
| 38 | 7.81 | 11.12 |
| 39 | 8.36 | 11.70 |
| 40 | 8.36 | 12.30 |
| 41 | 8.56 | 12.92 |
| 42 | 8.89 | 13.55 |
| 43 | 8.92 | 14.19 |
| 44 | 9.20 | 14.85 |
| 45 | 9.90 | 15.53 |
| 46 | 9.90 | 16.22 |
| 47 | 9.90 | 16.92 |
| 48 | 10.17 | 17.64 |
| 49 | 10.43 | 18.38 |
| 50 | 10.70 | 19.13 |

Z = 66 N = 96 A = 162 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 11.65 | 19.89 |
| 52 | 11.65 | 20.67 |
| 53 | 11.65 | 21.47 |
| 54 | 11.93 | 22.28 |
| 55 | 12.63 | 23.10 |
| 56 | 12.63 | 23.94 |
| 57 | 13.58 | 24.80 |
| 58 | 13.58 | 25.67 |
| 59 | 13.85 | 26.55 |
| 60 | 13.85 | 27.45 |
| 61 | 14.82 | 28.37 |
| 62 | 15.77 | 29.30 |
| 63 | 15.77 | 30.24 |
| 64 | 15.77 | 31.20 |
| 65 | 16.05 | 32.18 |
| 66 | 17.70 | 33.17 |
| 67 | 17.97 | 34.17 |
| 68 | 17.97 | 35.19 |
| 69 | 19.16 | 36.23 |
| 70 | 20.17 | 37.28 |
| 71 | 21.02 | 38.34 |
| 72 | 21.09 | 39.42 |
| 73 | 21.97 | 40.52 |
| 74 | 22.25 | 41.63 |
| 75 | 23.53 | 42.75 |
| 76 | 24.17 | 43.89 |
| 77 | 24.17 | 45.05 |
| 78 | 25.95 | 46.22 |
| 79 | 26.37 | 47.40 |
| 80 | 28.26 | 48.60 |

Z = 67 N = 98 A = 165

| J | EJAY | EROT |
|------|------|-------|
| 0.5 | 1.64 | 0.01 |
| 1.5 | 1.35 | 0.03 |
| 2.5 | 1.50 | 0.06 |
| 3.5 | 1.50 | 0.11 |
| 4.5 | 1.50 | 0.18 |
| 5.5 | 0. | 0.26 |
| 6.5 | 1.50 | 0.35 |
| 7.5 | 1.50 | 0.46 |
| 8.5 | 1.50 | 0.59 |
| 9.5 | 1.50 | 0.73 |
| 10.5 | 1.50 | 0.88 |
| 11.5 | 1.50 | 1.05 |
| 12.5 | 2.15 | 1.23 |
| 13.5 | 1.50 | 1.42 |
| 14.5 | 2.26 | 1.63 |
| 15.5 | 2.26 | 1.86 |
| 16.5 | 2.26 | 2.10 |
| 17.5 | 2.37 | 2.36 |
| 18.5 | 2.66 | 2.62 |
| 19.5 | 3.39 | 2.91 |
| 20.5 | 3.39 | 3.21 |
| 21.5 | 3.39 | 3.52 |
| 22.5 | 3.76 | 3.85 |
| 23.5 | 3.76 | 4.19 |
| 24.5 | 3.76 | 4.54 |
| 25.5 | 3.88 | 4.92 |
| 26.5 | 4.30 | 5.30 |
| 27.5 | 4.91 | 5.70 |
| 28.5 | 4.91 | 6.12 |
| 29.5 | 4.91 | 6.55 |
| 30.5 | 5.03 | 6.99 |
| 31.5 | 5.65 | 7.45 |
| 32.5 | 5.65 | 7.92 |
| 33.5 | 5.66 | 8.41 |
| 34.5 | 5.81 | 8.91 |
| 35.5 | 6.68 | 9.43 |
| 36.5 | 6.77 | 9.96 |
| 37.5 | 6.77 | 10.50 |
| 38.5 | 6.82 | 11.06 |
| 39.5 | 6.96 | 11.64 |
| 40.5 | 7.18 | 12.23 |
| 41.5 | 7.37 | 12.83 |
| 42.5 | 7.69 | 13.45 |
| 43.5 | 8.15 | 14.08 |
| 44.5 | 8.27 | 14.73 |
| 45.5 | 8.27 | 15.39 |
| 46.5 | 8.52 | 16.07 |
| 47.5 | 9.07 | 16.76 |
| 48.5 | 9.07 | 17.46 |
| 49.5 | 9.26 | 18.18 |
| 50.5 | 9.43 | 18.92 |

Z = 67 N = 98 A = 165 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 9.70 | 19.67 |
| 52.5 | 10.16 | 20.43 |
| 53.5 | 10.16 | 21.21 |
| 54.5 | 10.43 | 22.00 |
| 55.5 | 10.89 | 22.81 |
| 56.5 | 11.61 | 23.63 |
| 57.5 | 12.07 | 24.47 |
| 58.5 | 12.34 | 25.32 |
| 59.5 | 12.34 | 26.19 |
| 60.5 | 12.80 | 27.07 |
| 61.5 | 14.25 | 27.96 |
| 62.5 | 14.25 | 28.87 |
| 63.5 | 14.53 | 29.80 |
| 64.5 | 14.99 | 30.73 |
| 65.5 | 15.90 | 31.69 |
| 66.5 | 16.90 | 32.65 |
| 67.5 | 17.70 | 33.64 |
| 68.5 | 17.81 | 34.63 |
| 69.5 | 18.08 | 35.64 |
| 70.5 | 18.96 | 36.67 |
| 71.5 | 19.99 | 37.71 |
| 72.5 | 20.51 | 38.76 |
| 73.5 | 20.87 | 39.83 |
| 74.5 | 21.15 | 40.92 |
| 75.5 | 22.64 | 42.02 |
| 76.5 | 23.06 | 43.13 |
| 77.5 | 23.86 | 44.26 |
| 78.5 | 24.24 | 45.40 |
| 79.5 | 25.74 | 46.56 |
| 80.5 | 26.15 | 47.73 |
| 81.5 | 26.95 | 48.91 |
| 82.5 | 27.92 | 50.11 |
| 83.5 | 29.76 | 51.33 |

Z = 68 N = 100 A = 168

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 3.71 | 0.01 |
| 2 | 1.62 | 0.04 |
| 3 | 2.23 | 0.08 |
| 4 | 1.62 | 0.14 |
| 5 | 2.23 | 0.21 |
| 6 | 1.62 | 0.30 |
| 7 | 2.23 | 0.40 |
| 8 | 1.62 | 0.51 |
| 9 | 2.23 | 0.64 |
| 10 | 1.62 | 0.78 |
| 11 | 2.23 | 0.93 |
| 12 | 2.30 | 1.10 |
| 13 | 2.85 | 1.28 |
| 14 | 2.85 | 1.48 |
| 15 | 3.76 | 1.69 |
| 16 | 2.85 | 1.92 |
| 17 | 3.76 | 2.16 |
| 18 | 3.76 | 2.41 |
| 19 | 3.76 | 2.68 |
| 20 | 3.76 | 2.96 |
| 21 | 3.85 | 3.26 |
| 22 | 3.91 | 3.57 |
| 23 | 5.08 | 3.90 |
| 24 | 5.08 | 4.24 |
| 25 | 5.08 | 4.59 |
| 26 | 5.08 | 4.96 |
| 27 | 5.08 | 5.34 |
| 28 | 5.15 | 5.73 |
| 29 | 5.73 | 6.14 |
| 30 | 5.73 | 6.57 |
| 31 | 5.81 | 7.00 |
| 32 | 6.06 | 7.45 |
| 33 | 6.50 | 7.92 |
| 34 | 6.56 | 8.40 |
| 35 | 6.97 | 8.89 |
| 36 | 6.97 | 9.40 |
| 37 | 7.05 | 9.93 |
| 38 | 7.36 | 10.46 |
| 39 | 7.88 | 11.01 |
| 40 | 7.88 | 11.58 |
| 41 | 7.96 | 12.16 |
| 42 | 8.38 | 12.75 |
| 43 | 8.47 | 13.36 |
| 44 | 8.59 | 13.98 |
| 45 | 9.02 | 14.61 |
| 46 | 9.30 | 15.26 |
| 47 | 9.40 | 15.93 |
| 48 | 9.50 | 16.60 |
| 49 | 9.76 | 17.30 |
| 50 | 10.01 | 18.00 |

Z = 68 N = 100 A = 168 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 10.26 | 18.72 |
| 52 | 10.52 | 19.46 |
| 53 | 10.66 | 20.20 |
| 54 | 11.03 | 20.97 |
| 55 | 11.17 | 21.74 |
| 56 | 11.44 | 22.53 |
| 57 | 11.68 | 23.34 |
| 58 | 11.95 | 24.16 |
| 59 | 13.34 | 24.99 |
| 60 | 13.34 | 25.84 |
| 61 | 13.85 | 26.70 |
| 62 | 13.85 | 27.57 |
| 63 | 14.64 | 28.46 |
| 64 | 15.60 | 29.37 |
| 65 | 16.01 | 30.29 |
| 66 | 16.54 | 31.22 |
| 67 | 17.50 | 32.16 |
| 68 | 18.30 | 33.12 |
| 69 | 19.24 | 34.10 |
| 70 | 20.04 | 35.09 |
| 71 | 20.95 | 36.09 |
| 72 | 21.41 | 37.10 |
| 73 | 21.94 | 38.14 |
| 74 | 22.32 | 39.18 |
| 75 | 23.11 | 40.24 |
| 76 | 24.07 | 41.31 |
| 77 | 24.49 | 42.40 |
| 78 | 25.01 | 43.50 |
| 79 | 25.97 | 44.62 |
| 80 | 26.77 | 45.75 |

Z = 69 N = 100 A = 169

| J | EJAY | EROT |
|------|------|-------|
| 0.5 | 1.51 | 0.01 |
| 1.5 | 1.22 | 0.03 |
| 2.5 | 1.38 | 0.06 |
| 3.5 | 1.38 | 0.11 |
| 4.5 | 1.38 | 0.17 |
| 5.5 | 0. | 0.25 |
| 6.5 | 1.38 | 0.34 |
| 7.5 | 1.38 | 0.45 |
| 8.5 | 1.38 | 0.56 |
| 9.5 | 1.38 | 0.70 |
| 10.5 | 1.38 | 0.84 |
| 11.5 | 1.38 | 1.00 |
| 12.5 | 2.22 | 1.18 |
| 13.5 | 1.38 | 1.37 |
| 14.5 | 2.22 | 1.57 |
| 15.5 | 2.22 | 1.79 |
| 16.5 | 2.22 | 2.02 |
| 17.5 | 2.28 | 2.26 |
| 18.5 | 2.94 | 2.52 |
| 19.5 | 2.94 | 2.79 |
| 20.5 | 2.94 | 3.08 |
| 21.5 | 3.60 | 3.38 |
| 22.5 | 3.60 | 3.70 |
| 23.5 | 3.60 | 4.02 |
| 24.5 | 3.60 | 4.37 |
| 25.5 | 3.66 | 4.72 |
| 26.5 | 4.17 | 5.09 |
| 27.5 | 4.55 | 5.48 |
| 28.5 | 4.55 | 5.88 |
| 29.5 | 4.62 | 6.29 |
| 30.5 | 5.16 | 6.72 |
| 31.5 | 5.16 | 7.16 |
| 32.5 | 5.23 | 7.61 |
| 33.5 | 5.47 | 8.08 |
| 34.5 | 5.55 | 8.56 |
| 35.5 | 6.42 | 9.06 |
| 36.5 | 6.42 | 9.57 |
| 37.5 | 6.42 | 10.09 |
| 38.5 | 6.50 | 10.63 |
| 39.5 | 6.99 | 11.18 |
| 40.5 | 6.99 | 11.75 |
| 41.5 | 7.09 | 12.33 |
| 42.5 | 7.94 | 12.92 |
| 43.5 | 7.94 | 13.53 |
| 44.5 | 7.94 | 14.15 |
| 45.5 | 8.04 | 14.79 |
| 46.5 | 8.24 | 15.44 |
| 47.5 | 8.55 | 16.10 |
| 48.5 | 8.65 | 16.78 |
| 49.5 | 9.01 | 17.47 |
| 50.5 | 9.19 | 18.18 |

Z = 69 N = 100 A = 169 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 9.67 | 18.90 |
| 52.5 | 9.67 | 19.63 |
| 53.5 | 9.81 | 20.38 |
| 54.5 | 10.31 | 21.14 |
| 55.5 | 10.31 | 21.92 |
| 56.5 | 10.58 | 22.71 |
| 57.5 | 11.86 | 23.51 |
| 58.5 | 12.47 | 24.33 |
| 59.5 | 12.47 | 25.16 |
| 60.5 | 12.47 | 26.01 |
| 61.5 | 13.27 | 26.87 |
| 62.5 | 14.23 | 27.74 |
| 63.5 | 14.64 | 28.63 |
| 64.5 | 15.16 | 29.53 |
| 65.5 | 16.12 | 30.45 |
| 66.5 | 16.91 | 31.38 |
| 67.5 | 17.51 | 32.32 |
| 68.5 | 17.85 | 33.28 |
| 69.5 | 18.65 | 34.25 |
| 70.5 | 19.61 | 35.23 |
| 71.5 | 20.02 | 36.23 |
| 72.5 | 20.54 | 37.25 |
| 73.5 | 21.50 | 38.28 |
| 74.5 | 22.30 | 39.32 |
| 75.5 | 23.85 | 40.37 |
| 76.5 | 24.64 | 41.44 |
| 77.5 | 25.30 | 42.53 |
| 78.5 | 25.93 | 43.62 |
| 79.5 | 26.89 | 44.73 |
| 80.5 | 27.68 | 45.86 |

Z = 70 N = 104 A = 174

| J | EJAY | EROT |
|----|------|-------|
| 0 | 0. | 0. |
| 1 | 3.27 | 0.01 |
| 2 | 1.50 | 0.04 |
| 3 | 2.59 | 0.08 |
| 4 | 1.50 | 0.13 |
| 5 | 2.37 | 0.20 |
| 6 | 1.50 | 0.28 |
| 7 | 2.37 | 0.37 |
| 8 | 1.50 | 0.48 |
| 9 | 2.59 | 0.60 |
| 10 | 1.50 | 0.73 |
| 11 | 2.59 | 0.88 |
| 12 | 2.19 | 1.04 |
| 13 | 2.59 | 1.21 |
| 14 | 2.59 | 1.40 |
| 15 | 3.12 | 1.60 |
| 16 | 2.59 | 1.81 |
| 17 | 3.69 | 2.04 |
| 18 | 3.12 | 2.28 |
| 19 | 3.69 | 2.53 |
| 20 | 3.69 | 2.80 |
| 21 | 3.69 | 3.08 |
| 22 | 3.69 | 3.37 |
| 23 | 4.78 | 3.68 |
| 24 | 4.78 | 4.00 |
| 25 | 4.78 | 4.33 |
| 26 | 4.78 | 4.67 |
| 27 | 4.78 | 5.03 |
| 28 | 4.78 | 5.41 |
| 29 | 5.32 | 5.79 |
| 30 | 5.32 | 6.19 |
| 31 | 6.64 | 6.61 |
| 32 | 6.64 | 7.03 |
| 33 | 6.64 | 7.47 |
| 34 | 6.64 | 7.92 |
| 35 | 6.64 | 8.39 |
| 36 | 6.64 | 8.87 |
| 37 | 7.10 | 9.36 |
| 38 | 7.18 | 9.87 |
| 39 | 8.15 | 10.39 |
| 40 | 8.15 | 10.92 |
| 41 | 8.18 | 11.47 |
| 42 | 8.18 | 12.03 |
| 43 | 8.18 | 12.60 |
| 44 | 8.72 | 13.18 |
| 45 | 8.72 | 13.78 |
| 46 | 9.35 | 14.40 |
| 47 | 9.35 | 15.02 |
| 48 | 9.35 | 15.66 |
| 49 | 9.88 | 16.31 |
| 50 | 9.88 | 16.98 |

Z = 70 N = 104 A = 174 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 10.02 | 17.66 |
| 52 | 10.51 | 18.35 |
| 53 | 10.56 | 19.06 |
| 54 | 10.97 | 19.78 |
| 55 | 11.51 | 20.51 |
| 56 | 11.51 | 21.25 |
| 57 | 12.45 | 22.01 |
| 58 | 13.00 | 22.79 |
| 59 | 13.40 | 23.57 |
| 60 | 13.83 | 24.37 |
| 61 | 14.77 | 25.18 |
| 62 | 15.32 | 26.01 |
| 63 | 15.72 | 26.85 |
| 64 | 16.84 | 27.70 |
| 65 | 16.84 | 28.56 |
| 66 | 17.78 | 29.44 |
| 67 | 18.33 | 30.34 |
| 68 | 18.73 | 31.24 |
| 69 | 20.10 | 32.16 |
| 70 | 20.65 | 33.09 |
| 71 | 21.05 | 34.04 |
| 72 | 21.39 | 35.00 |
| 73 | 22.34 | 35.97 |
| 74 | 23.43 | 36.95 |
| 75 | 23.71 | 37.95 |
| 76 | 24.66 | 38.97 |
| 77 | 26.09 | 39.99 |
| 78 | 26.09 | 41.03 |
| 79 | 26.72 | 42.08 |
| 80 | 27.67 | 43.15 |

Z = 71 N = 104 A = 175

| J | EJAY | EROT |
|------|------|-------|
| 0.5 | 1.36 | 0.00 |
| 1.5 | 1.08 | 0.02 |
| 2.5 | 1.26 | 0.06 |
| 3.5 | 1.26 | 0.10 |
| 4.5 | 1.26 | 0.16 |
| 5.5 | 0. | 0.24 |
| 6.5 | 1.26 | 0.32 |
| 7.5 | 1.26 | 0.42 |
| 8.5 | 1.26 | 0.53 |
| 9.5 | 1.26 | 0.66 |
| 10.5 | 1.26 | 0.80 |
| 11.5 | 1.26 | 0.95 |
| 12.5 | 2.03 | 1.11 |
| 13.5 | 1.26 | 1.29 |
| 14.5 | 2.03 | 1.48 |
| 15.5 | 2.03 | 1.69 |
| 16.5 | 2.18 | 1.90 |
| 17.5 | 2.03 | 2.14 |
| 18.5 | 3.44 | 2.38 |
| 19.5 | 3.44 | 2.64 |
| 20.5 | 3.44 | 2.91 |
| 21.5 | 3.44 | 3.19 |
| 22.5 | 3.44 | 3.49 |
| 23.5 | 3.44 | 3.80 |
| 24.5 | 3.44 | 4.12 |
| 25.5 | 3.44 | 4.46 |
| 26.5 | 4.21 | 4.81 |
| 27.5 | 4.21 | 5.17 |
| 28.5 | 4.21 | 5.54 |
| 29.5 | 4.21 | 5.93 |
| 30.5 | 5.29 | 6.34 |
| 31.5 | 5.29 | 6.75 |
| 32.5 | 5.29 | 7.18 |
| 33.5 | 5.29 | 7.62 |
| 34.5 | 6.06 | 8.08 |
| 35.5 | 6.06 | 8.55 |
| 36.5 | 6.06 | 9.03 |
| 37.5 | 6.06 | 9.52 |
| 38.5 | 6.82 | 10.03 |
| 39.5 | 6.82 | 10.55 |
| 40.5 | 6.82 | 11.08 |
| 41.5 | 7.56 | 11.63 |
| 42.5 | 7.59 | 12.19 |
| 43.5 | 7.59 | 12.77 |
| 44.5 | 7.59 | 13.35 |
| 45.5 | 7.98 | 13.95 |
| 46.5 | 8.65 | 14.57 |
| 47.5 | 8.65 | 15.19 |
| 48.5 | 8.65 | 15.83 |
| 49.5 | 8.75 | 16.49 |
| 50.5 | 9.42 | 17.15 |

Z = 71 N = 104 A = 175 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 9.42 | 17.83 |
| 52.5 | 9.42 | 18.52 |
| 53.5 | 9.90 | 19.23 |
| 54.5 | 10.36 | 19.95 |
| 55.5 | 10.36 | 20.68 |
| 56.5 | 11.30 | 21.43 |
| 57.5 | 11.85 | 22.18 |
| 58.5 | 12.25 | 22.96 |
| 59.5 | 13.71 | 23.74 |
| 60.5 | 14.24 | 24.54 |
| 61.5 | 14.90 | 25.35 |
| 62.5 | 14.90 | 26.17 |
| 63.5 | 15.85 | 27.01 |
| 64.5 | 16.85 | 27.86 |
| 65.5 | 17.25 | 28.73 |
| 66.5 | 17.68 | 29.60 |
| 67.5 | 18.62 | 30.49 |
| 68.5 | 19.17 | 31.40 |
| 69.5 | 19.56 | 32.31 |
| 70.5 | 20.68 | 33.24 |
| 71.5 | 21.54 | 34.19 |
| 72.5 | 21.94 | 35.14 |
| 73.5 | 22.22 | 36.11 |
| 74.5 | 23.17 | 37.10 |
| 75.5 | 24.26 | 38.09 |
| 76.5 | 24.60 | 39.10 |
| 77.5 | 25.22 | 40.12 |
| 78.5 | 26.17 | 41.16 |
| 79.5 | 26.91 | 42.21 |
| 80.5 | 27.54 | 43.27 |
| 81.5 | 28.49 | 44.34 |

Z = 72 N = 108 A = 180

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.82 | 0.01 |
| 2 | 1.40 | 0.04 |
| 3 | 2.36 | 0.08 |
| 4 | 1.40 | 0.13 |
| 5 | 2.16 | 0.19 |
| 6 | 1.40 | 0.26 |
| 7 | 2.16 | 0.35 |
| 8 | 1.40 | 0.45 |
| 9 | 2.36 | 0.57 |
| 10 | 1.40 | 0.69 |
| 11 | 2.36 | 0.83 |
| 12 | 2.15 | 0.98 |
| 13 | 2.36 | 1.15 |
| 14 | 2.36 | 1.32 |
| 15 | 3.55 | 1.51 |
| 16 | 2.36 | 1.71 |
| 17 | 3.55 | 1.93 |
| 18 | 3.55 | 2.15 |
| 19 | 3.55 | 2.39 |
| 20 | 3.55 | 2.64 |
| 21 | 3.55 | 2.91 |
| 22 | 3.55 | 3.18 |
| 23 | 4.50 | 3.47 |
| 24 | 4.50 | 3.78 |
| 25 | 4.50 | 4.09 |
| 26 | 4.50 | 4.42 |
| 27 | 4.50 | 4.76 |
| 28 | 4.50 | 5.11 |
| 29 | 5.37 | 5.47 |
| 30 | 5.37 | 5.85 |
| 31 | 6.33 | 6.24 |
| 32 | 6.33 | 6.65 |
| 33 | 6.33 | 7.06 |
| 34 | 6.33 | 7.49 |
| 35 | 6.33 | 7.93 |
| 36 | 6.33 | 8.38 |
| 37 | 7.79 | 8.85 |
| 38 | 7.79 | 9.33 |
| 39 | 7.79 | 9.82 |
| 40 | 7.79 | 10.32 |
| 41 | 8.54 | 10.84 |
| 42 | 8.79 | 11.36 |
| 43 | 9.67 | 11.91 |
| 44 | 9.69 | 12.46 |
| 45 | 9.69 | 13.03 |
| 46 | 9.69 | 13.60 |
| 47 | 9.69 | 14.20 |
| 48 | 10.63 | 14.80 |
| 49 | 10.63 | 15.42 |
| 50 | 11.56 | 16.05 |

Z = 72 N = 108 A = 180 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 11.56 | 16.69 |
| 52 | 11.56 | 17.34 |
| 53 | 11.56 | 18.01 |
| 54 | 12.50 | 18.69 |
| 55 | 13.43 | 19.38 |
| 56 | 13.43 | 20.09 |
| 57 | 13.43 | 20.80 |
| 58 | 15.30 | 21.53 |
| 59 | 15.30 | 22.28 |
| 60 | 15.41 | 23.03 |
| 61 | 16.51 | 23.80 |
| 62 | 17.27 | 24.58 |
| 63 | 17.76 | 25.37 |
| 64 | 18.38 | 26.18 |
| 65 | 18.38 | 27.00 |
| 66 | 20.19 | 27.83 |
| 67 | 20.25 | 28.67 |
| 68 | 20.81 | 29.53 |
| 69 | 21.75 | 30.39 |
| 70 | 22.65 | 31.27 |
| 71 | 23.33 | 32.17 |
| 72 | 24.52 | 33.07 |
| 73 | 25.00 | 33.99 |
| 74 | 25.00 | 34.92 |
| 75 | 25.62 | 35.87 |
| 76 | 26.87 | 36.82 |
| 77 | 27.43 | 37.79 |
| 78 | 28.05 | 38.78 |
| 79 | 28.99 | 39.77 |

Z = 73 N = 107 A = 180

| J | EJAY | EROT |
|----|------|-------|
| 0 | 0.97 | 0. |
| 1 | 0. | 0.01 |
| 2 | 0. | 0.04 |
| 3 | 0. | 0.08 |
| 4 | 0. | 0.13 |
| 5 | 0. | 0.19 |
| 6 | 0. | 0.26 |
| 7 | 0. | 0.35 |
| 8 | 0. | 0.45 |
| 9 | 0. | 0.57 |
| 10 | 0. | 0.69 |
| 11 | 0. | 0.83 |
| 12 | 0. | 0.98 |
| 13 | 1.16 | 1.15 |
| 14 | 1.16 | 1.32 |
| 15 | 1.16 | 1.51 |
| 16 | 1.16 | 1.71 |
| 17 | 1.16 | 1.93 |
| 18 | 1.16 | 2.15 |
| 19 | 1.16 | 2.39 |
| 20 | 1.16 | 2.64 |
| 21 | 1.97 | 2.91 |
| 22 | 1.97 | 3.18 |
| 23 | 3.14 | 3.47 |
| 24 | 3.14 | 3.78 |
| 25 | 3.14 | 4.09 |
| 26 | 3.14 | 4.42 |
| 27 | 3.14 | 4.76 |
| 28 | 3.14 | 5.11 |
| 29 | 3.14 | 5.47 |
| 30 | 3.14 | 5.85 |
| 31 | 4.76 | 6.24 |
| 32 | 4.76 | 6.65 |
| 33 | 4.76 | 7.06 |
| 34 | 4.76 | 7.49 |
| 35 | 4.76 | 7.93 |
| 36 | 4.76 | 8.38 |
| 37 | 5.99 | 8.85 |
| 38 | 5.99 | 9.33 |
| 39 | 6.09 | 9.82 |
| 40 | 6.74 | 10.32 |
| 41 | 7.01 | 10.84 |
| 42 | 7.01 | 11.36 |
| 43 | 7.01 | 11.91 |
| 44 | 7.01 | 12.46 |
| 45 | 7.93 | 13.03 |
| 46 | 7.93 | 13.60 |
| 47 | 7.93 | 14.20 |
| 48 | 7.93 | 14.80 |
| 49 | 8.87 | 15.42 |
| 50 | 8.87 | 16.05 |

Z = 73 N = 107 A = 180 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 9.80 | 16.69 |
| 52 | 9.80 | 17.34 |
| 53 | 9.80 | 18.01 |
| 54 | 10.73 | 18.69 |
| 55 | 11.66 | 19.38 |
| 56 | 11.66 | 20.09 |
| 57 | 11.77 | 20.80 |
| 58 | 12.71 | 21.53 |
| 59 | 13.64 | 22.28 |
| 60 | 13.64 | 23.03 |
| 61 | 14.75 | 23.80 |
| 62 | 14.75 | 24.58 |
| 63 | 15.68 | 25.37 |
| 64 | 16.61 | 26.18 |
| 65 | 16.61 | 27.00 |
| 66 | 17.66 | 27.83 |
| 67 | 18.59 | 28.67 |
| 68 | 18.59 | 29.53 |
| 69 | 19.70 | 30.39 |
| 70 | 20.63 | 31.27 |
| 71 | 20.79 | 32.17 |
| 72 | 21.56 | 33.07 |
| 73 | 22.77 | 33.99 |
| 74 | 22.77 | 34.92 |
| 75 | 23.99 | 35.87 |
| 76 | 24.81 | 36.82 |
| 77 | 25.12 | 37.79 |
| 78 | 25.74 | 38.78 |
| 79 | 27.10 | 39.77 |
| 80 | 27.72 | 40.78 |
| 81 | 29.39 | 41.80 |
| 82 | 29.39 | 42.83 |

Z = 74 N = 110 A = 184

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.58 | 0.01 |
| 2 | 1.34 | 0.04 |
| 3 | 2.58 | 0.07 |
| 4 | 1.34 | 0.12 |
| 5 | 2.07 | 0.18 |
| 6 | 1.34 | 0.25 |
| 7 | 2.07 | 0.34 |
| 8 | 1.34 | 0.44 |
| 9 | 2.60 | 0.55 |
| 10 | 1.34 | 0.67 |
| 11 | 3.30 | 0.80 |
| 12 | 2.14 | 0.95 |
| 13 | 3.30 | 1.10 |
| 14 | 3.30 | 1.27 |
| 15 | 3.30 | 1.46 |
| 16 | 3.41 | 1.65 |
| 17 | 3.41 | 1.86 |
| 18 | 3.41 | 2.07 |
| 19 | 3.48 | 2.31 |
| 20 | 3.48 | 2.55 |
| 21 | 3.48 | 2.80 |
| 22 | 3.48 | 3.07 |
| 23 | 5.14 | 3.35 |
| 24 | 5.14 | 3.64 |
| 25 | 5.21 | 3.94 |
| 26 | 5.21 | 4.26 |
| 27 | 5.21 | 4.59 |
| 28 | 5.21 | 4.93 |
| 29 | 5.33 | 5.28 |
| 30 | 5.33 | 5.64 |
| 31 | 6.55 | 6.02 |
| 32 | 6.55 | 6.41 |
| 33 | 6.67 | 6.81 |
| 34 | 6.67 | 7.22 |
| 35 | 7.29 | 7.64 |
| 36 | 7.49 | 8.08 |
| 37 | 8.42 | 8.53 |
| 38 | 8.42 | 8.99 |
| 39 | 8.63 | 9.46 |
| 40 | 9.31 | 9.95 |
| 41 | 9.45 | 10.45 |
| 42 | 10.38 | 10.96 |
| 43 | 10.38 | 11.48 |
| 44 | 10.94 | 12.01 |
| 45 | 10.94 | 12.56 |
| 46 | 12.34 | 13.12 |
| 47 | 12.79 | 13.69 |
| 48 | 12.79 | 14.27 |
| 49 | 12.79 | 14.86 |
| 50 | 12.90 | 15.47 |

Z = 74 N = 110 A = 184 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 14.75 | 16.09 |
| 52 | 14.75 | 16.72 |
| 53 | 14.75 | 17.36 |
| 54 | 14.75 | 18.02 |
| 55 | 15.85 | 18.68 |
| 56 | 16.71 | 19.36 |
| 57 | 16.71 | 20.06 |
| 58 | 17.16 | 20.76 |
| 59 | 17.70 | 21.47 |
| 60 | 19.05 | 22.20 |
| 61 | 19.05 | 22.94 |
| 62 | 19.66 | 23.69 |
| 63 | 19.66 | 24.46 |
| 64 | 21.43 | 25.24 |
| 65 | 21.46 | 26.02 |
| 66 | 22.00 | 26.83 |
| 67 | 22.07 | 27.64 |
| 68 | 23.96 | 28.46 |
| 69 | 23.96 | 29.30 |
| 70 | 24.41 | 30.15 |
| 71 | 25.03 | 31.01 |
| 72 | 26.34 | 31.88 |
| 73 | 26.37 | 32.77 |
| 74 | 26.99 | 33.67 |
| 75 | 28.71 | 34.58 |

Z = 75 N = 112 A = 187

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.00 | 0.00 |
| 1.5 | 0.72 | 0.02 |
| 2.5 | 1.95 | 0.05 |
| 3.5 | 1.85 | 0.09 |
| 4.5 | 1.85 | 0.15 |
| 5.5 | 0. | 0.21 |
| 6.5 | 1.85 | 0.29 |
| 7.5 | 1.85 | 0.38 |
| 8.5 | 1.95 | 0.48 |
| 9.5 | 1.95 | 0.59 |
| 10.5 | 1.95 | 0.71 |
| 11.5 | 1.95 | 0.85 |
| 12.5 | 2.00 | 1.00 |
| 13.5 | 2.00 | 1.16 |
| 14.5 | 2.18 | 1.33 |
| 15.5 | 2.18 | 1.51 |
| 16.5 | 2.18 | 1.71 |
| 17.5 | 2.18 | 1.91 |
| 18.5 | 3.61 | 2.13 |
| 19.5 | 3.61 | 2.36 |
| 20.5 | 3.85 | 2.60 |
| 21.5 | 3.85 | 2.86 |
| 22.5 | 3.85 | 3.12 |
| 23.5 | 3.85 | 3.40 |
| 24.5 | 4.34 | 3.69 |
| 25.5 | 5.00 | 3.99 |
| 26.5 | 5.00 | 4.30 |
| 27.5 | 5.00 | 4.63 |
| 28.5 | 5.71 | 4.96 |
| 29.5 | 5.71 | 5.31 |
| 30.5 | 6.29 | 5.67 |
| 31.5 | 6.58 | 6.05 |
| 32.5 | 6.58 | 6.43 |
| 33.5 | 6.94 | 6.82 |
| 34.5 | 7.66 | 7.23 |
| 35.5 | 7.66 | 7.65 |
| 36.5 | 8.53 | 8.08 |
| 37.5 | 8.53 | 8.53 |
| 38.5 | 8.53 | 8.98 |
| 39.5 | 9.41 | 9.45 |
| 40.5 | 10.11 | 9.92 |
| 41.5 | 10.11 | 10.41 |
| 42.5 | 10.47 | 10.92 |
| 43.5 | 11.35 | 11.43 |
| 44.5 | 12.05 | 11.96 |
| 45.5 | 12.05 | 12.49 |
| 46.5 | 12.80 | 13.04 |
| 47.5 | 13.41 | 13.60 |
| 48.5 | 13.41 | 14.18 |
| 49.5 | 14.29 | 14.76 |
| 50.5 | 14.99 | 15.36 |

Z = 75 N = 112 A = 187 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 14.99 | 15.97 |
| 52.5 | 16.24 | 16.59 |
| 53.5 | 16.94 | 17.22 |
| 54.5 | 16.94 | 17.86 |
| 55.5 | 17.68 | 18.52 |
| 56.5 | 18.30 | 19.18 |
| 57.5 | 18.94 | 19.86 |
| 58.5 | 19.27 | 20.55 |
| 59.5 | 19.88 | 21.26 |
| 60.5 | 20.81 | 21.97 |
| 61.5 | 20.81 | 22.70 |
| 62.5 | 22.15 | 23.44 |
| 63.5 | 22.76 | 24.19 |
| 64.5 | 22.76 | 24.95 |
| 65.5 | 23.75 | 25.72 |
| 66.5 | 24.95 | 26.51 |
| 67.5 | 25.09 | 27.30 |
| 68.5 | 25.09 | 28.11 |
| 69.5 | 25.70 | 28.93 |
| 70.5 | 27.03 | 29.77 |
| 71.5 | 27.65 | 30.61 |
| 72.5 | 28.02 | 31.47 |

Z = 76 N = 116 A = 192

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 1.81 | 0.01 |
| 2 | 1.67 | 0.03 |
| 3 | 1.81 | 0.07 |
| 4 | 1.81 | 0.11 |
| 5 | 1.93 | 0.17 |
| 6 | 1.93 | 0.24 |
| 7 | 1.93 | 0.32 |
| 8 | 3.38 | 0.41 |
| 9 | 3.38 | 0.51 |
| 10 | 3.38 | 0.62 |
| 11 | 3.38 | 0.75 |
| 12 | 3.73 | 0.88 |
| 13 | 4.91 | 1.03 |
| 14 | 4.91 | 1.19 |
| 15 | 4.91 | 1.36 |
| 16 | 4.91 | 1.54 |
| 17 | 4.91 | 1.73 |
| 18 | 4.91 | 1.93 |
| 19 | 5.66 | 2.15 |
| 20 | 6.47 | 2.37 |
| 21 | 6.47 | 2.61 |
| 22 | 6.47 | 2.86 |
| 23 | 6.47 | 3.12 |
| 24 | 6.84 | 3.39 |
| 25 | 6.84 | 3.67 |
| 26 | 8.40 | 3.97 |
| 27 | 8.40 | 4.27 |
| 28 | 8.40 | 4.59 |
| 29 | 8.40 | 4.92 |
| 30 | 8.40 | 5.26 |
| 31 | 10.33 | 5.61 |
| 32 | 10.33 | 5.97 |
| 33 | 10.33 | 6.34 |
| 34 | 10.33 | 6.72 |
| 35 | 10.33 | 7.12 |
| 36 | 11.68 | 7.53 |
| 37 | 12.34 | 7.95 |
| 38 | 12.34 | 8.37 |
| 39 | 12.42 | 8.82 |
| 40 | 13.25 | 9.27 |
| 41 | 13.25 | 9.73 |
| 42 | 14.27 | 10.21 |
| 43 | 14.27 | 10.69 |
| 44 | 15.17 | 11.19 |
| 45 | 15.17 | 11.70 |
| 46 | 15.99 | 12.22 |
| 47 | 16.50 | 12.75 |
| 48 | 17.19 | 13.29 |
| 49 | 17.19 | 13.84 |
| 50 | 18.09 | 14.41 |

Z = 76 N = 116 A = 192 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 18.51 | 14.99 |
| 52 | 18.90 | 15.57 |
| 53 | 19.12 | 16.17 |
| 54 | 20.17 | 16.78 |
| 55 | 20.83 | 17.40 |
| 56 | 20.83 | 18.04 |
| 57 | 21.42 | 18.68 |
| 58 | 22.03 | 19.34 |
| 59 | 22.92 | 20.00 |
| 60 | 23.14 | 20.68 |
| 61 | 23.74 | 21.37 |
| 62 | 25.07 | 22.07 |
| 63 | 25.07 | 22.78 |
| 64 | 25.51 | 23.51 |
| 65 | 26.12 | 24.24 |
| 66 | 27.15 | 24.99 |
| 67 | 27.44 | 25.75 |
| 68 | 28.05 | 26.51 |

Z = 77 N = 116 A = 193

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.29 | 0.00 |
| 1.5 | 0. | 0.02 |
| 2.5 | 1.66 | 0.05 |
| 3.5 | 1.66 | 0.09 |
| 4.5 | 1.80 | 0.14 |
| 5.5 | 1.80 | 0.20 |
| 6.5 | 1.93 | 0.27 |
| 7.5 | 1.93 | 0.36 |
| 8.5 | 3.36 | 0.45 |
| 9.5 | 3.36 | 0.56 |
| 10.5 | 3.36 | 0.68 |
| 11.5 | 3.36 | 0.81 |
| 12.5 | 3.36 | 0.95 |
| 13.5 | 3.72 | 1.10 |
| 14.5 | 4.88 | 1.26 |
| 15.5 | 4.88 | 1.43 |
| 16.5 | 4.88 | 1.62 |
| 17.5 | 4.88 | 1.81 |
| 18.5 | 4.88 | 2.02 |
| 19.5 | 4.88 | 2.24 |
| 20.5 | 6.45 | 2.47 |
| 21.5 | 6.45 | 2.71 |
| 22.5 | 6.45 | 2.96 |
| 23.5 | 6.45 | 3.23 |
| 24.5 | 6.45 | 3.50 |
| 25.5 | 6.81 | 3.79 |
| 26.5 | 8.37 | 4.08 |
| 27.5 | 8.37 | 4.39 |
| 28.5 | 8.37 | 4.71 |
| 29.5 | 8.37 | 5.04 |
| 30.5 | 8.37 | 5.38 |
| 31.5 | 9.72 | 5.74 |
| 32.5 | 10.38 | 6.10 |
| 33.5 | 10.45 | 6.47 |
| 34.5 | 10.45 | 6.86 |
| 35.5 | 10.59 | 7.26 |
| 36.5 | 11.28 | 7.67 |
| 37.5 | 12.31 | 8.09 |
| 38.5 | 12.31 | 8.52 |
| 39.5 | 12.60 | 8.96 |
| 40.5 | 13.21 | 9.42 |
| 41.5 | 13.21 | 9.88 |
| 42.5 | 14.53 | 10.36 |
| 43.5 | 14.53 | 10.84 |
| 44.5 | 15.21 | 11.34 |
| 45.5 | 15.29 | 11.85 |
| 46.5 | 16.11 | 12.37 |
| 47.5 | 16.53 | 12.91 |
| 48.5 | 17.14 | 13.45 |
| 49.5 | 17.14 | 14.00 |
| 50.5 | 18.04 | 14.57 |

Z = 77 N = 116 A = 193 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 18.75 | 15.15 |
| 52.5 | 18.85 | 15.74 |
| 53.5 | 19.36 | 16.33 |
| 54.5 | 20.05 | 16.95 |
| 55.5 | 20.93 | 17.57 |
| 56.5 | 21.07 | 18.20 |
| 57.5 | 21.37 | 18.84 |
| 58.5 | 21.97 | 19.50 |
| 59.5 | 23.08 | 20.17 |
| 60.5 | 23.08 | 20.84 |
| 61.5 | 23.69 | 21.53 |
| 62.5 | 24.27 | 22.23 |
| 63.5 | 25.16 | 22.95 |
| 64.5 | 25.45 | 23.67 |
| 65.5 | 25.99 | 24.40 |
| 66.5 | 27.38 | 25.15 |
| 67.5 | 27.67 | 25.90 |
| 68.5 | 28.07 | 26.67 |
| 69.5 | 28.36 | 27.45 |

Z = 78 N = 117 A = 195

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.40 | 0.00 |
| 1.5 | 0. | 0.02 |
| 2.5 | 0. | 0.05 |
| 3.5 | 0.43 | 0.09 |
| 4.5 | 0.43 | 0.14 |
| 5.5 | 1.63 | 0.20 |
| 6.5 | 1.83 | 0.27 |
| 7.5 | 2.06 | 0.35 |
| 8.5 | 2.64 | 0.44 |
| 9.5 | 2.64 | 0.55 |
| 10.5 | 2.64 | 0.66 |
| 11.5 | 2.93 | 0.79 |
| 12.5 | 2.93 | 0.93 |
| 13.5 | 3.36 | 1.08 |
| 14.5 | 3.36 | 1.24 |
| 15.5 | 4.49 | 1.41 |
| 16.5 | 4.49 | 1.59 |
| 17.5 | 4.49 | 1.78 |
| 18.5 | 4.49 | 1.99 |
| 19.5 | 4.92 | 2.20 |
| 20.5 | 4.92 | 2.43 |
| 21.5 | 6.56 | 2.66 |
| 22.5 | 6.56 | 2.91 |
| 23.5 | 6.56 | 3.17 |
| 24.5 | 6.99 | 3.44 |
| 25.5 | 6.99 | 3.72 |
| 26.5 | 7.13 | 4.01 |
| 27.5 | 8.41 | 4.32 |
| 28.5 | 8.84 | 4.63 |
| 29.5 | 8.84 | 4.95 |
| 30.5 | 9.13 | 5.29 |
| 31.5 | 9.20 | 5.64 |
| 32.5 | 9.73 | 6.00 |
| 33.5 | 10.91 | 6.36 |
| 34.5 | 11.05 | 6.74 |
| 35.5 | 11.05 | 7.14 |
| 36.5 | 11.81 | 7.54 |
| 37.5 | 11.81 | 7.95 |
| 38.5 | 12.76 | 8.37 |
| 39.5 | 13.05 | 8.81 |
| 40.5 | 13.42 | 9.26 |
| 41.5 | 13.65 | 9.71 |
| 42.5 | 14.02 | 10.18 |
| 43.5 | 15.12 | 10.66 |
| 44.5 | 15.26 | 11.15 |
| 45.5 | 15.73 | 11.65 |
| 46.5 | 15.86 | 12.16 |
| 47.5 | 16.62 | 12.69 |
| 48.5 | 17.34 | 13.22 |
| 49.5 | 17.57 | 13.77 |
| 50.5 | 17.86 | 14.32 |

Z = 78 N = 117 A = 195 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 18.47 | 14.89 |
| 52.5 | 19.28 | 15.47 |
| 53.5 | 19.57 | 16.06 |
| 54.5 | 19.94 | 16.66 |
| 55.5 | 20.54 | 17.27 |
| 56.5 | 21.49 | 17.89 |
| 57.5 | 21.49 | 18.52 |
| 58.5 | 22.15 | 19.17 |
| 59.5 | 22.68 | 19.82 |
| 60.5 | 23.49 | 20.49 |
| 61.5 | 23.49 | 21.17 |
| 62.5 | 24.09 | 21.85 |
| 63.5 | 24.76 | 22.55 |
| 64.5 | 25.70 | 23.26 |
| 65.5 | 25.70 | 23.99 |
| 66.5 | 26.31 | 24.72 |
| 67.5 | 27.70 | 25.46 |
| 68.5 | 27.70 | 26.22 |
| 69.5 | 28.31 | 26.98 |
| 70.5 | 28.31 | 27.76 |

Z = 79 N = 118 A = 197

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.11 | 0.00 |
| 1.5 | 0. | 0.02 |
| 2.5 | 0.43 | 0.05 |
| 3.5 | 1.58 | 0.09 |
| 4.5 | 1.58 | 0.13 |
| 5.5 | 1.58 | 0.19 |
| 6.5 | 2.00 | 0.26 |
| 7.5 | 2.68 | 0.35 |
| 8.5 | 3.02 | 0.44 |
| 9.5 | 4.00 | 0.54 |
| 10.5 | 4.00 | 0.65 |
| 11.5 | 4.24 | 0.78 |
| 12.5 | 4.24 | 0.91 |
| 13.5 | 4.24 | 1.06 |
| 14.5 | 4.24 | 1.22 |
| 15.5 | 4.66 | 1.38 |
| 16.5 | 6.20 | 1.56 |
| 17.5 | 6.26 | 1.75 |
| 18.5 | 6.30 | 1.95 |
| 19.5 | 6.30 | 2.16 |
| 20.5 | 6.30 | 2.39 |
| 21.5 | 6.73 | 2.62 |
| 22.5 | 8.14 | 2.86 |
| 23.5 | 8.14 | 3.12 |
| 24.5 | 8.14 | 3.38 |
| 25.5 | 8.57 | 3.66 |
| 26.5 | 9.33 | 3.95 |
| 27.5 | 9.33 | 4.24 |
| 28.5 | 10.21 | 4.55 |
| 29.5 | 10.21 | 4.87 |
| 30.5 | 10.64 | 5.20 |
| 31.5 | 10.93 | 5.54 |
| 32.5 | 11.53 | 5.89 |
| 33.5 | 11.53 | 6.26 |
| 34.5 | 12.63 | 6.63 |
| 35.5 | 12.77 | 7.02 |
| 36.5 | 13.23 | 7.41 |
| 37.5 | 13.37 | 7.82 |
| 38.5 | 14.13 | 8.23 |
| 39.5 | 14.83 | 8.66 |
| 40.5 | 14.83 | 9.10 |
| 41.5 | 15.36 | 9.55 |
| 42.5 | 15.44 | 10.01 |
| 43.5 | 16.33 | 10.48 |
| 44.5 | 17.06 | 10.96 |
| 45.5 | 17.14 | 11.45 |
| 46.5 | 17.43 | 11.96 |
| 47.5 | 18.03 | 12.47 |
| 48.5 | 18.98 | 13.00 |
| 49.5 | 18.98 | 13.53 |
| 50.5 | 19.63 | 14.08 |

Z = 79 N = 118 A = 197 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 19.63 | 14.64 |
| 52.5 | 20.23 | 15.21 |
| 53.5 | 20.97 | 15.79 |
| 54.5 | 21.33 | 16.38 |
| 55.5 | 21.94 | 16.98 |
| 56.5 | 22.23 | 17.59 |
| 57.5 | 23.17 | 18.21 |
| 58.5 | 23.17 | 18.84 |
| 59.5 | 23.78 | 19.49 |
| 60.5 | 24.43 | 20.14 |
| 61.5 | 25.17 | 20.81 |
| 62.5 | 25.77 | 21.49 |
| 63.5 | 25.77 | 22.17 |
| 64.5 | 27.37 | 22.87 |
| 65.5 | 27.37 | 23.58 |
| 66.5 | 27.97 | 24.30 |
| 67.5 | 27.97 | 25.03 |

Z = 80 N = 122 A = 202

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 0.52 | 0.01 |
| 2 | 0.52 | 0.03 |
| 3 | 1.13 | 0.06 |
| 4 | 0.93 | 0.10 |
| 5 | 1.45 | 0.16 |
| 6 | 1.45 | 0.22 |
| 7 | 2.08 | 0.29 |
| 8 | 3.11 | 0.37 |
| 9 | 3.38 | 0.47 |
| 10 | 3.44 | 0.57 |
| 11 | 3.85 | 0.69 |
| 12 | 4.03 | 0.81 |
| 13 | 4.45 | 0.95 |
| 14 | 5.08 | 1.09 |
| 15 | 5.89 | 1.25 |
| 16 | 6.31 | 1.41 |
| 17 | 6.43 | 1.59 |
| 18 | 6.90 | 1.78 |
| 19 | 7.65 | 1.97 |
| 20 | 8.01 | 2.18 |
| 21 | 8.59 | 2.40 |
| 22 | 8.61 | 2.63 |
| 23 | 8.61 | 2.87 |
| 24 | 9.21 | 3.12 |
| 25 | 9.84 | 3.38 |
| 26 | 10.56 | 3.65 |
| 27 | 11.06 | 3.93 |
| 28 | 11.06 | 4.22 |
| 29 | 11.66 | 4.52 |
| 30 | 12.62 | 4.83 |
| 31 | 12.75 | 5.15 |
| 32 | 13.35 | 5.48 |
| 33 | 13.37 | 5.83 |
| 34 | 14.00 | 6.18 |
| 35 | 15.11 | 6.54 |
| 36 | 15.23 | 6.92 |
| 37 | 15.82 | 7.30 |
| 38 | 15.82 | 7.70 |
| 39 | 16.91 | 8.10 |
| 40 | 17.38 | 8.52 |
| 41 | 17.51 | 8.94 |
| 42 | 18.70 | 9.38 |
| 43 | 19.06 | 9.82 |
| 44 | 19.49 | 10.28 |
| 45 | 19.87 | 10.75 |
| 46 | 20.89 | 11.23 |
| 47 | 20.89 | 11.71 |
| 48 | 21.55 | 12.21 |
| 49 | 22.15 | 12.72 |
| 50 | 22.86 | 13.24 |

Z = 80 N = 122 A = 202 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 23.53 | 13.77 |
| 52 | 24.13 | 14.31 |
| 53 | 24.13 | 14.86 |
| 54 | 25.72 | 15.42 |
| 55 | 25.72 | 15.99 |
| 56 | 25.72 | 16.57 |
| 57 | 26.31 | 17.17 |
| 58 | 26.31 | 17.77 |
| 59 | 28.29 | 18.38 |
| 60 | 28.29 | 19.00 |
| 61 | 28.29 | 19.64 |

Z = 81 N = 124 A = 205

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0. | 0.00 |
| 1.5 | 0.79 | 0.02 |
| 2.5 | 0.79 | 0.04 |
| 3.5 | 0.79 | 0.08 |
| 4.5 | 1.90 | 0.13 |
| 5.5 | 2.39 | 0.18 |
| 6.5 | 2.39 | 0.25 |
| 7.5 | 2.59 | 0.32 |
| 8.5 | 2.99 | 0.41 |
| 9.5 | 3.18 | 0.51 |
| 10.5 | 3.78 | 0.61 |
| 11.5 | 3.78 | 0.73 |
| 12.5 | 4.93 | 0.85 |
| 13.5 | 4.99 | 0.99 |
| 14.5 | 5.58 | 1.14 |
| 15.5 | 5.58 | 1.30 |
| 16.5 | 6.17 | 1.46 |
| 17.5 | 6.24 | 1.64 |
| 18.5 | 7.25 | 1.83 |
| 19.5 | 7.57 | 2.03 |
| 20.5 | 7.92 | 2.23 |
| 21.5 | 8.22 | 2.45 |
| 22.5 | 8.63 | 2.68 |
| 23.5 | 9.23 | 2.92 |
| 24.5 | 9.75 | 3.17 |
| 25.5 | 10.31 | 3.42 |
| 26.5 | 10.90 | 3.69 |
| 27.5 | 10.90 | 3.97 |
| 28.5 | 11.73 | 4.26 |
| 29.5 | 12.12 | 4.56 |
| 30.5 | 12.71 | 4.87 |
| 31.5 | 12.71 | 5.19 |
| 32.5 | 13.37 | 5.52 |
| 33.5 | 13.37 | 5.86 |
| 34.5 | 14.38 | 6.21 |
| 35.5 | 15.05 | 6.56 |
| 36.5 | 15.05 | 6.93 |
| 37.5 | 15.83 | 7.31 |
| 38.5 | 16.28 | 7.70 |
| 39.5 | 16.85 | 8.10 |
| 40.5 | 16.88 | 8.52 |
| 41.5 | 17.51 | 8.94 |
| 42.5 | 18.10 | 9.37 |
| 43.5 | 18.84 | 9.81 |
| 44.5 | 19.19 | 10.26 |
| 45.5 | 19.78 | 10.72 |
| 46.5 | 20.56 | 11.19 |
| 47.5 | 21.00 | 11.67 |
| 48.5 | 21.02 | 12.16 |
| 49.5 | 21.61 | 12.66 |
| 50.5 | 22.24 | 13.18 |

Z = 81 N = 124 A = 205 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 23.29 | 13.70 |
| 52.5 | 23.46 | 14.23 |
| 53.5 | 24.06 | 14.77 |
| 54.5 | 25.01 | 15.32 |
| 55.5 | 25.14 | 15.89 |
| 56.5 | 25.73 | 16.46 |
| 57.5 | 26.69 | 17.04 |
| 58.5 | 27.28 | 17.63 |
| 59.5 | 28.09 | 18.24 |
| 60.5 | 28.50 | 18.85 |
| 61.5 | 29.10 | 19.47 |

Z = 82 N = 126 A = 208

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 4.04 | 0.01 |
| 2 | 3.68 | 0.03 |
| 3 | 2.89 | 0.06 |
| 4 | 1.94 | 0.10 |
| 5 | 1.94 | 0.15 |
| 6 | 2.69 | 0.21 |
| 7 | 2.69 | 0.28 |
| 8 | 3.61 | 0.36 |
| 9 | 4.04 | 0.45 |
| 10 | 4.04 | 0.54 |
| 11 | 4.39 | 0.65 |
| 12 | 4.63 | 0.77 |
| 13 | 5.07 | 0.90 |
| 14 | 5.66 | 1.04 |
| 15 | 6.06 | 1.19 |
| 16 | 6.49 | 1.35 |
| 17 | 7.01 | 1.51 |
| 18 | 7.01 | 1.69 |
| 19 | 7.60 | 1.88 |
| 20 | 8.16 | 2.08 |
| 21 | 8.68 | 2.28 |
| 22 | 8.75 | 2.50 |
| 23 | 9.46 | 2.73 |
| 24 | 9.46 | 2.97 |
| 25 | 10.05 | 3.21 |
| 26 | 10.66 | 3.47 |
| 27 | 11.13 | 3.74 |
| 28 | 11.13 | 4.02 |
| 29 | 11.72 | 4.30 |
| 30 | 12.43 | 4.60 |
| 31 | 12.95 | 4.91 |
| 32 | 13.51 | 5.22 |
| 33 | 13.58 | 5.55 |
| 34 | 14.10 | 5.88 |
| 35 | 15.20 | 6.23 |
| 36 | 15.25 | 6.59 |
| 37 | 15.84 | 6.95 |
| 38 | 16.15 | 7.33 |
| 39 | 16.55 | 7.71 |
| 40 | 17.14 | 8.11 |
| 41 | 17.82 | 8.52 |
| 42 | 18.22 | 8.93 |
| 43 | 18.22 | 9.36 |
| 44 | 18.81 | 9.79 |
| 45 | 19.89 | 10.24 |
| 46 | 20.04 | 10.69 |
| 47 | 20.63 | 11.16 |
| 48 | 20.67 | 11.63 |
| 49 | 21.26 | 12.12 |
| 50 | 22.30 | 12.61 |

Z = 82 N = 126 A = 208 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 22.34 | 13.11 |
| 52 | 22.93 | 13.63 |
| 53 | 24.15 | 14.15 |
| 54 | 24.15 | 14.69 |
| 55 | 24.74 | 15.23 |
| 56 | 25.38 | 15.78 |
| 57 | 26.42 | 16.35 |
| 58 | 26.70 | 16.92 |
| 59 | 27.34 | 17.51 |
| 60 | 28.37 | 18.10 |
| 61 | 29.01 | 18.70 |

Z = 83 N = 126 A = 209

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.94 | 0.00 |
| 1.5 | 1.94 | 0.02 |
| 2.5 | 1.94 | 0.04 |
| 3.5 | 0.79 | 0.08 |
| 4.5 | 0. | 0.12 |
| 5.5 | 1.94 | 0.18 |
| 6.5 | 0.59 | 0.24 |
| 7.5 | 1.94 | 0.31 |
| 8.5 | 1.94 | 0.40 |
| 9.5 | 1.94 | 0.49 |
| 10.5 | 2.53 | 0.59 |
| 11.5 | 2.53 | 0.71 |
| 12.5 | 3.27 | 0.83 |
| 13.5 | 4.03 | 0.96 |
| 14.5 | 4.20 | 1.10 |
| 15.5 | 4.38 | 1.25 |
| 16.5 | 4.62 | 1.42 |
| 17.5 | 4.97 | 1.59 |
| 18.5 | 5.65 | 1.77 |
| 19.5 | 6.05 | 1.96 |
| 20.5 | 6.64 | 2.16 |
| 21.5 | 6.64 | 2.37 |
| 22.5 | 7.06 | 2.59 |
| 23.5 | 7.59 | 2.82 |
| 24.5 | 8.46 | 3.06 |
| 25.5 | 8.73 | 3.32 |
| 26.5 | 8.73 | 3.58 |
| 27.5 | 9.32 | 3.84 |
| 28.5 | 10.03 | 4.12 |
| 29.5 | 10.03 | 4.41 |
| 30.5 | 10.98 | 4.71 |
| 31.5 | 11.11 | 5.02 |
| 32.5 | 11.70 | 5.34 |
| 33.5 | 11.70 | 5.67 |
| 34.5 | 12.85 | 6.01 |
| 35.5 | 13.37 | 6.36 |
| 36.5 | 13.52 | 6.71 |
| 37.5 | 14.08 | 7.08 |
| 38.5 | 14.15 | 7.46 |
| 39.5 | 15.18 | 7.85 |
| 40.5 | 15.81 | 8.25 |
| 41.5 | 15.81 | 8.65 |
| 42.5 | 16.52 | 9.07 |
| 43.5 | 17.11 | 9.50 |
| 44.5 | 17.62 | 9.93 |
| 45.5 | 18.19 | 10.38 |
| 46.5 | 18.78 | 10.84 |
| 47.5 | 18.78 | 11.30 |
| 48.5 | 20.00 | 11.78 |
| 49.5 | 20.45 | 12.26 |
| 50.5 | 20.60 | 12.76 |

Z = 83 N = 126 A = 209 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 21.23 | 13.26 |
| 52.5 | 21.23 | 13.78 |
| 53.5 | 22.26 | 14.30 |
| 54.5 | 22.89 | 14.84 |
| 55.5 | 22.89 | 15.38 |
| 56.5 | 24.11 | 15.94 |
| 57.5 | 24.70 | 16.50 |
| 58.5 | 24.70 | 17.08 |
| 59.5 | 25.34 | 17.66 |
| 60.5 | 26.37 | 18.25 |
| 61.5 | 27.01 | 18.86 |
| 62.5 | 28.33 | 19.47 |
| 63.5 | 28.96 | 20.09 |

Z = 84 N = 126 A = 210

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.15 | 0.01 |
| 2 | 1.36 | 0.03 |
| 3 | 1.95 | 0.06 |
| 4 | 1.36 | 0.10 |
| 5 | 1.94 | 0.15 |
| 6 | 1.36 | 0.20 |
| 7 | 1.95 | 0.27 |
| 8 | 1.36 | 0.35 |
| 9 | 1.95 | 0.44 |
| 10 | 1.95 | 0.54 |
| 11 | 1.95 | 0.64 |
| 12 | 2.54 | 0.76 |
| 13 | 3.30 | 0.89 |
| 14 | 3.89 | 1.02 |
| 15 | 3.89 | 1.17 |
| 16 | 3.89 | 1.32 |
| 17 | 4.48 | 1.49 |
| 18 | 5.55 | 1.66 |
| 19 | 5.55 | 1.85 |
| 20 | 5.97 | 2.04 |
| 21 | 6.33 | 2.25 |
| 22 | 6.33 | 2.46 |
| 23 | 6.92 | 2.69 |
| 24 | 7.86 | 2.92 |
| 25 | 7.99 | 3.16 |
| 26 | 7.99 | 3.42 |
| 27 | 8.58 | 3.68 |
| 28 | 9.00 | 3.95 |
| 29 | 9.81 | 4.23 |
| 30 | 10.08 | 4.53 |
| 31 | 10.43 | 4.83 |
| 32 | 10.67 | 5.14 |
| 33 | 11.38 | 5.46 |
| 34 | 11.97 | 5.79 |
| 35 | 12.48 | 6.13 |
| 36 | 13.04 | 6.48 |
| 37 | 13.04 | 6.84 |
| 38 | 13.63 | 7.21 |
| 39 | 14.71 | 7.59 |
| 40 | 14.78 | 7.98 |
| 41 | 15.44 | 8.38 |
| 42 | 15.48 | 8.79 |
| 43 | 16.07 | 9.21 |
| 44 | 17.11 | 9.64 |
| 45 | 17.15 | 10.07 |
| 46 | 17.74 | 10.52 |
| 47 | 18.45 | 10.98 |
| 48 | 18.95 | 11.45 |
| 49 | 19.54 | 11.92 |
| 50 | 20.11 | 12.41 |

Z = 84 N = 126 A = 210 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 20.70 | 12.91 |
| 52 | 21.49 | 13.41 |
| 53 | 21.91 | 13.93 |
| 54 | 22.51 | 14.45 |
| 55 | 22.55 | 14.99 |
| 56 | 23.14 | 15.54 |
| 57 | 24.17 | 16.09 |
| 58 | 24.22 | 16.65 |
| 59 | 24.81 | 17.23 |
| 60 | 26.02 | 17.81 |
| 61 | 26.02 | 18.41 |
| 62 | 26.61 | 19.01 |
| 63 | 27.25 | 19.62 |
| 64 | 28.28 | 20.25 |
| 65 | 28.91 | 20.88 |

Z = 84 N = 128 A = 212

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 2.13 | 0.01 |
| 2 | 0.99 | 0.03 |
| 3 | 1.93 | 0.06 |
| 4 | 0.99 | 0.10 |
| 5 | 1.93 | 0.14 |
| 6 | 0.99 | 0.20 |
| 7 | 1.93 | 0.27 |
| 8 | 0.99 | 0.34 |
| 9 | 1.93 | 0.43 |
| 10 | 1.93 | 0.53 |
| 11 | 1.93 | 0.63 |
| 12 | 2.33 | 0.75 |
| 13 | 2.33 | 0.87 |
| 14 | 2.33 | 1.01 |
| 15 | 2.33 | 1.15 |
| 16 | 2.33 | 1.30 |
| 17 | 2.92 | 1.47 |
| 18 | 2.92 | 1.64 |
| 19 | 2.92 | 1.82 |
| 20 | 3.51 | 2.01 |
| 21 | 4.58 | 2.21 |
| 22 | 4.58 | 2.42 |
| 23 | 4.58 | 2.64 |
| 24 | 5.17 | 2.87 |
| 25 | 5.59 | 3.11 |
| 26 | 6.51 | 3.36 |
| 27 | 6.51 | 3.62 |
| 28 | 7.10 | 3.89 |
| 29 | 7.25 | 4.17 |
| 30 | 7.95 | 4.46 |
| 31 | 8.54 | 4.75 |
| 32 | 8.94 | 5.06 |
| 33 | 9.18 | 5.38 |
| 34 | 9.61 | 5.70 |
| 35 | 10.20 | 6.04 |
| 36 | 10.60 | 6.38 |
| 37 | 11.19 | 6.74 |
| 38 | 11.54 | 7.10 |
| 39 | 12.13 | 7.47 |
| 40 | 12.68 | 7.86 |
| 41 | 13.20 | 8.25 |
| 42 | 13.27 | 8.65 |
| 43 | 13.98 | 9.06 |
| 44 | 14.56 | 9.49 |
| 45 | 15.19 | 9.92 |
| 46 | 15.64 | 10.36 |
| 47 | 15.64 | 10.81 |
| 48 | 16.22 | 11.27 |
| 49 | 17.30 | 11.74 |
| 50 | 17.88 | 12.22 |

Z = 84 N = 128 A = 212 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 18.07 | 12.70 |
| 52 | 18.59 | 13.20 |
| 53 | 19.70 | 13.71 |
| 54 | 19.73 | 14.23 |
| 55 | 20.32 | 14.76 |
| 56 | 21.02 | 15.29 |
| 57 | 21.61 | 15.84 |
| 58 | 22.26 | 16.39 |
| 59 | 22.68 | 16.96 |
| 60 | 22.68 | 17.53 |
| 61 | 23.27 | 18.12 |
| 62 | 24.34 | 18.71 |
| 63 | 24.93 | 19.32 |
| 64 | 25.12 | 19.93 |
| 65 | 25.70 | 20.55 |
| 66 | 26.74 | 21.18 |
| 67 | 26.78 | 21.83 |
| 68 | 27.36 | 22.48 |
| 69 | 28.55 | 23.14 |
| 70 | 29.14 | 23.81 |

Z = 85 N = 124 A = 209

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.45 | 0.00 |
| 1.5 | 0.77 | 0.02 |
| 2.5 | 0.77 | 0.04 |
| 3.5 | 0.68 | 0.08 |
| 4.5 | 0. | 0.12 |
| 5.5 | 0.77 | 0.18 |
| 6.5 | 0.50 | 0.24 |
| 7.5 | 0.77 | 0.31 |
| 8.5 | 1.17 | 0.40 |
| 9.5 | 1.27 | 0.49 |
| 10.5 | 1.17 | 0.59 |
| 11.5 | 1.76 | 0.71 |
| 12.5 | 1.76 | 0.83 |
| 13.5 | 1.76 | 0.96 |
| 14.5 | 1.76 | 1.10 |
| 15.5 | 2.35 | 1.25 |
| 16.5 | 2.35 | 1.42 |
| 17.5 | 2.53 | 1.59 |
| 18.5 | 3.12 | 1.77 |
| 19.5 | 3.12 | 1.96 |
| 20.5 | 4.33 | 2.16 |
| 21.5 | 4.33 | 2.37 |
| 22.5 | 4.92 | 2.59 |
| 23.5 | 4.92 | 2.82 |
| 24.5 | 5.57 | 3.06 |
| 25.5 | 5.57 | 3.32 |
| 26.5 | 6.58 | 3.58 |
| 27.5 | 7.01 | 3.84 |
| 28.5 | 7.23 | 4.12 |
| 29.5 | 7.66 | 4.41 |
| 30.5 | 8.25 | 4.71 |
| 31.5 | 9.05 | 5.02 |
| 32.5 | 9.05 | 5.34 |
| 33.5 | 9.68 | 5.67 |
| 34.5 | 10.62 | 6.01 |
| 35.5 | 10.62 | 6.36 |
| 36.5 | 11.14 | 6.71 |
| 37.5 | 11.73 | 7.08 |
| 38.5 | 12.29 | 7.46 |
| 39.5 | 13.07 | 7.85 |
| 40.5 | 13.52 | 8.25 |
| 41.5 | 14.11 | 8.65 |
| 42.5 | 14.11 | 9.07 |
| 43.5 | 14.74 | 9.50 |
| 44.5 | 15.78 | 9.93 |
| 45.5 | 16.41 | 10.38 |
| 46.5 | 16.54 | 10.84 |
| 47.5 | 17.62 | 11.30 |
| 48.5 | 18.07 | 11.78 |
| 49.5 | 18.21 | 12.26 |
| 50.5 | 19.37 | 12.76 |

Z = 85 N = 124 A = 209 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 19.74 | 13.26 |
| 52.5 | 20.54 | 13.78 |
| 53.5 | 21.18 | 14.30 |
| 54.5 | 21.19 | 14.84 |
| 55.5 | 21.82 | 15.38 |
| 56.5 | 22.86 | 15.94 |
| 57.5 | 23.49 | 16.50 |
| 58.5 | 23.62 | 17.08 |
| 59.5 | 24.70 | 17.66 |
| 60.5 | 25.16 | 18.25 |
| 61.5 | 25.29 | 18.86 |
| 62.5 | 26.82 | 19.47 |
| 63.5 | 26.82 | 20.09 |
| 64.5 | 27.62 | 20.73 |
| 65.5 | 28.63 | 21.37 |
| 66.5 | 28.63 | 22.02 |

Z = 85 N = 133 A = 218

| J | EJAY | EROT |
|----|------|-------|
| 0 | 0. | 0. |
| 1 | 0. | 0.01 |
| 2 | 0. | 0.03 |
| 3 | 0. | 0.05 |
| 4 | 0. | 0.09 |
| 5 | 0. | 0.14 |
| 6 | 0. | 0.19 |
| 7 | 0. | 0.26 |
| 8 | 0. | 0.33 |
| 9 | 0. | 0.41 |
| 10 | 0.49 | 0.50 |
| 11 | 0.49 | 0.60 |
| 12 | 0.87 | 0.71 |
| 13 | 0.87 | 0.83 |
| 14 | 0.87 | 0.96 |
| 15 | 0.87 | 1.10 |
| 16 | 1.36 | 1.24 |
| 17 | 1.36 | 1.40 |
| 18 | 1.69 | 1.56 |
| 19 | 1.69 | 1.74 |
| 20 | 1.98 | 1.92 |
| 21 | 1.98 | 2.11 |
| 22 | 2.56 | 2.31 |
| 23 | 2.56 | 2.52 |
| 24 | 2.56 | 2.74 |
| 25 | 2.56 | 2.97 |
| 26 | 3.14 | 3.21 |
| 27 | 3.14 | 3.46 |
| 28 | 3.75 | 3.71 |
| 29 | 3.75 | 3.98 |
| 30 | 3.75 | 4.25 |
| 31 | 4.34 | 4.54 |
| 32 | 4.34 | 4.83 |
| 33 | 4.34 | 5.13 |
| 34 | 4.34 | 5.44 |
| 35 | 4.92 | 5.76 |
| 36 | 4.92 | 6.09 |
| 37 | 5.53 | 6.43 |
| 38 | 5.82 | 6.78 |
| 39 | 5.82 | 7.13 |
| 40 | 6.11 | 7.50 |
| 41 | 6.11 | 7.87 |
| 42 | 6.69 | 8.26 |
| 43 | 6.69 | 8.65 |
| 44 | 7.76 | 9.05 |
| 45 | 7.76 | 9.47 |
| 46 | 7.76 | 9.89 |
| 47 | 8.34 | 10.32 |
| 48 | 8.34 | 10.76 |
| 49 | 9.40 | 11.20 |
| 50 | 9.52 | 11.66 |

Z = 85 N = 133 A = 218 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 9.98 | 12.13 |
| 52 | 10.10 | 12.60 |
| 53 | 10.98 | 13.09 |
| 54 | 11.75 | 13.58 |
| 55 | 12.04 | 14.08 |
| 56 | 12.16 | 14.60 |
| 57 | 12.74 | 15.12 |
| 58 | 13.32 | 15.65 |
| 59 | 14.39 | 16.19 |
| 60 | 14.50 | 16.74 |
| 61 | 14.97 | 17.29 |
| 62 | 15.08 | 17.86 |
| 63 | 16.73 | 18.44 |
| 64 | 16.73 | 19.02 |
| 65 | 17.43 | 19.62 |
| 66 | 18.01 | 20.22 |
| 67 | 18.64 | 20.83 |
| 68 | 19.65 | 21.46 |
| 69 | 20.30 | 22.09 |
| 70 | 20.30 | 22.73 |
| 71 | 21.05 | 23.38 |
| 72 | 21.48 | 24.04 |
| 73 | 21.95 | 24.70 |
| 74 | 22.06 | 25.38 |
| 75 | 23.71 | 26.07 |
| 76 | 23.71 | 26.76 |
| 77 | 25.04 | 27.46 |
| 78 | 25.62 | 28.18 |
| 79 | 25.62 | 28.90 |
| 80 | 27.26 | 29.63 |
| 81 | 27.38 | 30.37 |
| 82 | 28.03 | 31.12 |
| 83 | 28.03 | 31.88 |

Z = 86 N = 125 A = 211

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0. | 0.00 |
| 1.5 | 1.44 | 0.02 |
| 2.5 | 1.44 | 0.04 |
| 3.5 | 1.44 | 0.08 |
| 4.5 | 1.44 | 0.12 |
| 5.5 | 1.44 | 0.17 |
| 6.5 | 1.44 | 0.24 |
| 7.5 | 1.44 | 0.31 |
| 8.5 | 1.44 | 0.39 |
| 9.5 | 1.92 | 0.48 |
| 10.5 | 1.92 | 0.58 |
| 11.5 | 1.92 | 0.69 |
| 12.5 | 2.39 | 0.81 |
| 13.5 | 2.98 | 0.95 |
| 14.5 | 2.98 | 1.09 |
| 15.5 | 2.98 | 1.23 |
| 16.5 | 2.98 | 1.39 |
| 17.5 | 2.98 | 1.56 |
| 18.5 | 3.57 | 1.74 |
| 19.5 | 3.57 | 1.93 |
| 20.5 | 3.57 | 2.13 |
| 21.5 | 4.15 | 2.34 |
| 22.5 | 5.27 | 2.55 |
| 23.5 | 5.27 | 2.78 |
| 24.5 | 5.27 | 3.02 |
| 25.5 | 5.86 | 3.26 |
| 26.5 | 6.00 | 3.52 |
| 27.5 | 6.00 | 3.78 |
| 28.5 | 6.59 | 4.06 |
| 29.5 | 7.67 | 4.34 |
| 30.5 | 7.67 | 4.64 |
| 31.5 | 8.25 | 4.94 |
| 32.5 | 8.44 | 5.26 |
| 33.5 | 9.03 | 5.58 |
| 34.5 | 9.47 | 5.91 |
| 35.5 | 10.06 | 6.26 |
| 36.5 | 10.10 | 6.61 |
| 37.5 | 10.69 | 6.97 |
| 38.5 | 11.77 | 7.34 |
| 39.5 | 11.91 | 7.72 |
| 40.5 | 12.49 | 8.12 |
| 41.5 | 12.77 | 8.52 |
| 42.5 | 13.57 | 8.93 |
| 43.5 | 14.16 | 9.35 |
| 44.5 | 14.58 | 9.78 |
| 45.5 | 15.14 | 10.22 |
| 46.5 | 15.73 | 10.67 |
| 47.5 | 16.24 | 11.12 |
| 48.5 | 16.87 | 11.59 |
| 49.5 | 17.53 | 12.07 |
| 50.5 | 18.17 | 12.56 |

Z = 86 N = 125 A = 211 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 18.61 | 13.06 |
| 52.5 | 19.20 | 13.56 |
| 53.5 | 19.83 | 14.08 |
| 54.5 | 21.04 | 14.61 |
| 55.5 | 21.04 | 15.14 |
| 56.5 | 21.63 | 15.69 |
| 57.5 | 22.57 | 16.24 |
| 58.5 | 23.16 | 16.81 |
| 59.5 | 24.00 | 17.38 |
| 60.5 | 24.79 | 17.97 |
| 61.5 | 25.53 | 18.56 |
| 62.5 | 26.32 | 19.16 |
| 63.5 | 28.06 | 19.78 |
| 64.5 | 28.27 | 20.40 |

Z = 87 N = 133 A = 220

| J | EJAY | EROT |
|----|------|-------|
| 0 | 0. | 0. |
| 1 | 0. | 0.01 |
| 2 | 0. | 0.03 |
| 3 | 0. | 0.05 |
| 4 | 0. | 0.09 |
| 5 | 0. | 0.14 |
| 6 | 0. | 0.19 |
| 7 | 0. | 0.25 |
| 8 | 0. | 0.32 |
| 9 | 0. | 0.41 |
| 10 | 0.40 | 0.50 |
| 11 | 0.40 | 0.59 |
| 12 | 0.86 | 0.70 |
| 13 | 0.86 | 0.82 |
| 14 | 0.86 | 0.95 |
| 15 | 0.86 | 1.08 |
| 16 | 1.25 | 1.23 |
| 17 | 1.25 | 1.38 |
| 18 | 1.67 | 1.54 |
| 19 | 1.67 | 1.71 |
| 20 | 2.07 | 1.89 |
| 21 | 2.07 | 2.08 |
| 22 | 2.47 | 2.28 |
| 23 | 2.47 | 2.49 |
| 24 | 2.53 | 2.70 |
| 25 | 2.53 | 2.93 |
| 26 | 3.00 | 3.16 |
| 27 | 3.00 | 3.40 |
| 28 | 3.33 | 3.66 |
| 29 | 3.33 | 3.92 |
| 30 | 3.77 | 4.19 |
| 31 | 3.91 | 4.47 |
| 32 | 3.91 | 4.76 |
| 33 | 3.91 | 5.05 |
| 34 | 4.30 | 5.36 |
| 35 | 4.49 | 5.67 |
| 36 | 4.77 | 6.00 |
| 37 | 5.10 | 6.33 |
| 38 | 5.10 | 6.67 |
| 39 | 5.68 | 7.03 |
| 40 | 5.68 | 7.39 |
| 41 | 5.68 | 7.76 |
| 42 | 5.68 | 8.13 |
| 43 | 6.26 | 8.52 |
| 44 | 6.26 | 8.92 |
| 45 | 6.87 | 9.32 |
| 46 | 7.16 | 9.74 |
| 47 | 7.16 | 10.16 |
| 48 | 7.45 | 10.59 |
| 49 | 7.45 | 11.03 |
| 50 | 8.03 | 11.48 |

Z = 87 N = 133 A = 220 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 8.03 | 11.94 |
| 52 | 9.09 | 12.41 |
| 53 | 9.09 | 12.89 |
| 54 | 9.09 | 13.38 |
| 55 | 9.67 | 13.87 |
| 56 | 9.67 | 14.38 |
| 57 | 10.73 | 14.89 |
| 58 | 10.84 | 15.41 |
| 59 | 11.31 | 15.94 |
| 60 | 11.42 | 16.48 |
| 61 | 13.06 | 17.03 |
| 62 | 13.06 | 17.59 |
| 63 | 13.48 | 18.16 |
| 64 | 14.06 | 18.74 |
| 65 | 14.97 | 19.32 |
| 66 | 15.70 | 19.92 |
| 67 | 16.28 | 20.52 |
| 68 | 16.39 | 21.13 |
| 69 | 17.17 | 21.75 |
| 70 | 18.03 | 22.38 |
| 71 | 18.81 | 23.02 |
| 72 | 19.42 | 23.67 |
| 73 | 19.94 | 24.33 |
| 74 | 20.72 | 25.00 |
| 75 | 21.69 | 25.67 |
| 76 | 22.34 | 26.36 |
| 77 | 22.34 | 27.05 |
| 78 | 23.12 | 27.75 |
| 79 | 24.67 | 28.46 |
| 80 | 25.04 | 29.18 |
| 81 | 25.45 | 29.91 |
| 82 | 27.37 | 30.65 |
| 83 | 27.95 | 31.40 |
| 84 | 28.71 | 32.16 |
| 85 | 28.71 | 32.92 |

Z = 88 N = 125 A = 213

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0. | 0.00 |
| 1.5 | 1.53 | 0.02 |
| 2.5 | 1.53 | 0.04 |
| 3.5 | 1.53 | 0.07 |
| 4.5 | 1.53 | 0.12 |
| 5.5 | 1.53 | 0.17 |
| 6.5 | 1.53 | 0.23 |
| 7.5 | 1.53 | 0.30 |
| 8.5 | 1.53 | 0.38 |
| 9.5 | 1.90 | 0.47 |
| 10.5 | 1.90 | 0.57 |
| 11.5 | 1.90 | 0.68 |
| 12.5 | 2.29 | 0.80 |
| 13.5 | 3.07 | 0.93 |
| 14.5 | 3.07 | 1.07 |
| 15.5 | 3.07 | 1.22 |
| 16.5 | 3.07 | 1.37 |
| 17.5 | 3.07 | 1.54 |
| 18.5 | 3.52 | 1.71 |
| 19.5 | 3.52 | 1.90 |
| 20.5 | 3.52 | 2.09 |
| 21.5 | 3.99 | 2.30 |
| 22.5 | 4.27 | 2.51 |
| 23.5 | 4.27 | 2.74 |
| 24.5 | 4.27 | 2.97 |
| 25.5 | 4.85 | 3.21 |
| 26.5 | 4.85 | 3.46 |
| 27.5 | 4.85 | 3.73 |
| 28.5 | 5.44 | 4.00 |
| 29.5 | 6.56 | 4.28 |
| 30.5 | 6.56 | 4.57 |
| 31.5 | 6.56 | 4.87 |
| 32.5 | 7.14 | 5.18 |
| 33.5 | 7.28 | 5.49 |
| 34.5 | 7.28 | 5.82 |
| 35.5 | 7.87 | 6.16 |
| 36.5 | 8.94 | 6.51 |
| 37.5 | 8.94 | 6.86 |
| 38.5 | 9.52 | 7.23 |
| 39.5 | 9.71 | 7.60 |
| 40.5 | 10.29 | 7.99 |
| 41.5 | 10.74 | 8.38 |
| 42.5 | 11.32 | 8.79 |
| 43.5 | 11.37 | 9.20 |
| 44.5 | 11.95 | 9.62 |
| 45.5 | 13.02 | 10.06 |
| 46.5 | 13.16 | 10.50 |
| 47.5 | 13.75 | 10.95 |
| 48.5 | 14.38 | 11.41 |
| 49.5 | 14.82 | 11.88 |
| 50.5 | 15.41 | 12.36 |

Z = 88 N = 125 A = 213 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 16.04 | 12.85 |
| 52.5 | 17.18 | 13.35 |
| 53.5 | 17.24 | 13.86 |
| 54.5 | 17.83 | 14.38 |
| 55.5 | 18.77 | 14.90 |
| 56.5 | 19.35 | 15.44 |
| 57.5 | 19.91 | 15.99 |
| 58.5 | 20.64 | 16.54 |
| 59.5 | 21.26 | 17.11 |
| 60.5 | 22.22 | 17.69 |
| 61.5 | 22.86 | 18.27 |
| 62.5 | 23.06 | 18.86 |
| 63.5 | 24.38 | 19.47 |
| 64.5 | 24.58 | 20.08 |
| 65.5 | 26.00 | 20.70 |
| 66.5 | 26.94 | 21.34 |
| 67.5 | 27.53 | 21.98 |
| 68.5 | 28.88 | 22.63 |

Z = 89 N = 120 A = 209

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.98 | 0.00 |
| 1.5 | 0.98 | 0.02 |
| 2.5 | 0.98 | 0.04 |
| 3.5 | 0.46 | 0.08 |
| 4.5 | 0. | 0.12 |
| 5.5 | 0.98 | 0.18 |
| 6.5 | 0.31 | 0.24 |
| 7.5 | 0.98 | 0.31 |
| 8.5 | 0.98 | 0.40 |
| 9.5 | 1.28 | 0.49 |
| 10.5 | 1.28 | 0.59 |
| 11.5 | 1.77 | 0.71 |
| 12.5 | 1.77 | 0.83 |
| 13.5 | 1.77 | 0.96 |
| 14.5 | 1.77 | 1.10 |
| 15.5 | 2.13 | 1.25 |
| 16.5 | 2.13 | 1.42 |
| 17.5 | 2.74 | 1.59 |
| 18.5 | 2.74 | 1.77 |
| 19.5 | 3.11 | 1.96 |
| 20.5 | 3.11 | 2.16 |
| 21.5 | 3.22 | 2.37 |
| 22.5 | 3.22 | 2.59 |
| 23.5 | 3.67 | 2.82 |
| 24.5 | 3.67 | 3.06 |
| 25.5 | 4.20 | 3.32 |
| 26.5 | 4.20 | 3.58 |
| 27.5 | 4.36 | 3.84 |
| 28.5 | 4.36 | 4.12 |
| 29.5 | 4.95 | 4.41 |
| 30.5 | 4.95 | 4.71 |
| 31.5 | 5.33 | 5.02 |
| 32.5 | 5.33 | 5.34 |
| 33.5 | 5.92 | 5.67 |
| 34.5 | 5.92 | 6.01 |
| 35.5 | 6.71 | 6.36 |
| 36.5 | 6.93 | 6.71 |
| 37.5 | 7.73 | 7.08 |
| 38.5 | 8.66 | 7.46 |
| 39.5 | 9.25 | 7.85 |
| 40.5 | 9.25 | 8.25 |
| 41.5 | 10.05 | 8.65 |
| 42.5 | 10.93 | 9.07 |
| 43.5 | 10.93 | 9.50 |
| 44.5 | 11.71 | 9.93 |
| 45.5 | 11.71 | 10.38 |
| 46.5 | 11.71 | 10.84 |
| 47.5 | 12.30 | 11.30 |
| 48.5 | 12.30 | 11.78 |
| 49.5 | 13.09 | 12.26 |
| 50.5 | 13.96 | 12.76 |

Z = 89 N = 120 A = 209 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 13.96 | 13.26 |
| 52.5 | 14.76 | 13.78 |
| 53.5 | 15.18 | 14.30 |
| 54.5 | 15.53 | 14.84 |
| 55.5 | 15.53 | 15.38 |
| 56.5 | 16.12 | 15.94 |
| 57.5 | 16.12 | 16.50 |
| 58.5 | 16.91 | 17.08 |
| 59.5 | 17.20 | 17.66 |
| 60.5 | 17.79 | 18.25 |
| 61.5 | 17.79 | 18.86 |
| 62.5 | 18.58 | 19.47 |
| 63.5 | 19.46 | 20.09 |
| 64.5 | 19.59 | 20.73 |
| 65.5 | 20.39 | 21.37 |
| 66.5 | 21.68 | 22.02 |
| 67.5 | 22.27 | 22.68 |
| 68.5 | 22.48 | 23.36 |
| 69.5 | 23.64 | 24.04 |
| 70.5 | 24.65 | 24.73 |
| 71.5 | 24.85 | 25.43 |
| 72.5 | 25.44 | 26.14 |
| 73.5 | 27.40 | 26.86 |
| 74.5 | 27.82 | 27.59 |
| 75.5 | 28.61 | 28.33 |

Z = 89 N = 121 A = 210

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0.50 | 0. |
| 1 | 0.46 | 0.01 |
| 2 | 0. | 0.03 |
| 3 | 0. | 0.06 |
| 4 | 0. | 0.10 |
| 5 | 0. | 0.15 |
| 6 | 0. | 0.20 |
| 7 | 0. | 0.27 |
| 8 | 0.31 | 0.35 |
| 9 | 0.31 | 0.44 |
| 10 | 0.81 | 0.54 |
| 11 | 0.81 | 0.64 |
| 12 | 1.43 | 0.76 |
| 13 | 1.43 | 0.89 |
| 14 | 1.76 | 1.02 |
| 15 | 1.76 | 1.17 |
| 16 | 1.76 | 1.32 |
| 17 | 1.76 | 1.49 |
| 18 | 2.12 | 1.66 |
| 19 | 2.12 | 1.85 |
| 20 | 2.63 | 2.04 |
| 21 | 2.63 | 2.25 |
| 22 | 3.21 | 2.46 |
| 23 | 3.21 | 2.69 |
| 24 | 3.21 | 2.92 |
| 25 | 3.21 | 3.16 |
| 26 | 3.66 | 3.42 |
| 27 | 3.66 | 3.68 |
| 28 | 4.16 | 3.95 |
| 29 | 4.16 | 4.23 |
| 30 | 4.34 | 4.53 |
| 31 | 4.34 | 4.83 |
| 32 | 4.84 | 5.14 |
| 33 | 4.84 | 5.46 |
| 34 | 5.43 | 5.79 |
| 35 | 5.43 | 6.13 |
| 36 | 6.22 | 6.48 |
| 37 | 6.96 | 6.84 |
| 38 | 7.75 | 7.21 |
| 39 | 7.76 | 7.59 |
| 40 | 8.55 | 7.98 |
| 41 | 8.76 | 8.38 |
| 42 | 9.42 | 8.79 |
| 43 | 10.21 | 9.21 |
| 44 | 10.43 | 9.64 |
| 45 | 11.22 | 10.07 |
| 46 | 12.15 | 10.52 |
| 47 | 12.73 | 10.98 |
| 48 | 12.73 | 11.45 |
| 49 | 13.53 | 11.92 |
| 50 | 13.53 | 12.41 |

Z = 89 N = 121 A = 210 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 14.11 | 12.91 |
| 52 | 14.11 | 13.41 |
| 53 | 14.90 | 13.93 |
| 54 | 15.19 | 14.45 |
| 55 | 15.78 | 14.99 |
| 56 | 15.78 | 15.54 |
| 57 | 16.57 | 16.09 |
| 58 | 17.35 | 16.65 |
| 59 | 17.58 | 17.23 |
| 60 | 17.93 | 17.81 |
| 61 | 18.73 | 18.41 |
| 62 | 19.01 | 19.01 |
| 63 | 19.01 | 19.62 |
| 64 | 19.60 | 20.25 |
| 65 | 19.60 | 20.88 |
| 66 | 20.39 | 21.52 |
| 67 | 21.69 | 22.17 |
| 68 | 22.28 | 22.84 |
| 69 | 22.48 | 23.51 |
| 70 | 24.44 | 24.19 |
| 71 | 24.65 | 24.88 |
| 72 | 24.85 | 25.58 |
| 73 | 25.44 | 26.29 |
| 74 | 27.39 | 27.01 |
| 75 | 27.81 | 27.74 |
| 76 | 28.60 | 28.48 |

Z = 89 N = 122 A = 211

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.86 | 0.00 |
| 1.5 | 0.86 | 0.02 |
| 2.5 | 0.86 | 0.04 |
| 3.5 | 0.46 | 0.08 |
| 4.5 | 0. | 0.12 |
| 5.5 | 0.86 | 0.17 |
| 6.5 | 0.31 | 0.24 |
| 7.5 | 0.86 | 0.31 |
| 8.5 | 0.86 | 0.39 |
| 9.5 | 1.16 | 0.48 |
| 10.5 | 1.16 | 0.58 |
| 11.5 | 1.75 | 0.69 |
| 12.5 | 1.75 | 0.81 |
| 13.5 | 1.75 | 0.95 |
| 14.5 | 1.75 | 1.09 |
| 15.5 | 2.11 | 1.23 |
| 16.5 | 2.11 | 1.39 |
| 17.5 | 2.61 | 1.56 |
| 18.5 | 2.61 | 1.74 |
| 19.5 | 2.97 | 1.93 |
| 20.5 | 2.97 | 2.13 |
| 21.5 | 3.19 | 2.34 |
| 22.5 | 3.19 | 2.55 |
| 23.5 | 3.64 | 2.78 |
| 24.5 | 3.64 | 3.02 |
| 25.5 | 4.05 | 3.26 |
| 26.5 | 4.05 | 3.52 |
| 27.5 | 4.32 | 3.78 |
| 28.5 | 4.32 | 4.06 |
| 29.5 | 4.90 | 4.34 |
| 30.5 | 4.90 | 4.64 |
| 31.5 | 5.17 | 4.94 |
| 32.5 | 5.17 | 5.26 |
| 33.5 | 5.76 | 5.58 |
| 34.5 | 5.76 | 5.91 |
| 35.5 | 6.38 | 6.26 |
| 36.5 | 7.17 | 6.61 |
| 37.5 | 7.59 | 6.97 |
| 38.5 | 8.18 | 7.34 |
| 39.5 | 8.18 | 7.72 |
| 40.5 | 8.96 | 8.12 |
| 41.5 | 9.70 | 8.52 |
| 42.5 | 9.84 | 8.93 |
| 43.5 | 10.63 | 9.35 |
| 44.5 | 11.37 | 9.78 |
| 45.5 | 12.16 | 10.22 |
| 46.5 | 12.17 | 10.67 |
| 47.5 | 12.96 | 11.12 |
| 48.5 | 13.16 | 11.59 |
| 49.5 | 13.95 | 12.07 |
| 50.5 | 14.83 | 12.56 |

Z = 89 N = 122 A = 211 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 15.47 | 13.06 |
| 52.5 | 16.04 | 13.56 |
| 53.5 | 16.85 | 14.08 |
| 54.5 | 16.85 | 14.61 |
| 55.5 | 17.64 | 15.14 |
| 56.5 | 17.92 | 15.69 |
| 57.5 | 17.92 | 16.24 |
| 58.5 | 18.51 | 16.81 |
| 59.5 | 18.51 | 17.38 |
| 60.5 | 19.30 | 17.97 |
| 61.5 | 20.59 | 18.56 |
| 62.5 | 21.18 | 19.16 |
| 63.5 | 21.38 | 19.78 |
| 64.5 | 23.34 | 20.40 |
| 65.5 | 23.55 | 21.03 |
| 66.5 | 23.75 | 21.67 |
| 67.5 | 24.34 | 22.33 |
| 68.5 | 26.29 | 22.99 |
| 69.5 | 26.71 | 23.66 |
| 70.5 | 27.50 | 24.34 |

Z = 89 N = 123 A = 212

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0.65 | 0. |
| 1 | 0.46 | 0.01 |
| 2 | 0. | 0.03 |
| 3 | 0. | 0.06 |
| 4 | 0. | 0.10 |
| 5 | 0. | 0.14 |
| 6 | 0. | 0.20 |
| 7 | 0. | 0.27 |
| 8 | 0.31 | 0.34 |
| 9 | 0.31 | 0.43 |
| 10 | 0.96 | 0.53 |
| 11 | 0.96 | 0.63 |
| 12 | 1.42 | 0.75 |
| 13 | 1.42 | 0.87 |
| 14 | 1.74 | 1.01 |
| 15 | 1.74 | 1.15 |
| 16 | 1.74 | 1.30 |
| 17 | 1.74 | 1.47 |
| 18 | 2.10 | 1.64 |
| 19 | 2.10 | 1.82 |
| 20 | 2.76 | 2.01 |
| 21 | 2.76 | 2.21 |
| 22 | 3.18 | 2.42 |
| 23 | 3.18 | 2.64 |
| 24 | 3.18 | 2.87 |
| 25 | 3.18 | 3.11 |
| 26 | 3.63 | 3.36 |
| 27 | 3.63 | 3.62 |
| 28 | 4.28 | 3.89 |
| 29 | 4.28 | 4.17 |
| 30 | 4.30 | 4.46 |
| 31 | 4.30 | 4.75 |
| 32 | 4.88 | 5.06 |
| 33 | 4.88 | 5.38 |
| 34 | 5.54 | 5.70 |
| 35 | 5.54 | 6.04 |
| 36 | 6.32 | 6.38 |
| 37 | 6.76 | 6.74 |
| 38 | 7.35 | 7.10 |
| 39 | 7.35 | 7.47 |
| 40 | 7.97 | 7.86 |
| 41 | 8.76 | 8.25 |
| 42 | 9.01 | 8.65 |
| 43 | 9.63 | 9.06 |
| 44 | 10.42 | 9.49 |
| 45 | 10.84 | 9.92 |
| 46 | 11.42 | 10.36 |
| 47 | 11.42 | 10.81 |
| 48 | 12.21 | 11.27 |
| 49 | 12.95 | 11.74 |
| 50 | 13.74 | 12.22 |

Z = 89 N = 123 A = 212 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 14.29 | 12.70 |
| 52 | 14.74 | 13.20 |
| 53 | 15.41 | 13.71 |
| 54 | 16.20 | 14.23 |
| 55 | 16.40 | 14.76 |
| 56 | 17.19 | 15.29 |
| 57 | 18.28 | 15.84 |
| 58 | 18.70 | 16.39 |
| 59 | 19.27 | 16.96 |
| 60 | 20.51 | 17.53 |
| 61 | 21.23 | 18.12 |
| 62 | 21.57 | 18.71 |
| 63 | 22.23 | 19.32 |
| 64 | 23.74 | 19.93 |
| 65 | 23.94 | 20.55 |
| 66 | 24.52 | 21.18 |
| 67 | 25.55 | 21.83 |
| 68 | 26.89 | 22.48 |
| 69 | 27.68 | 23.14 |
| 70 | 28.70 | 23.81 |

Z = 89 N = 124 A = 213

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.21 | 0.00 |
| 1.5 | 0.75 | 0.02 |
| 2.5 | 0.75 | 0.04 |
| 3.5 | 0.46 | 0.07 |
| 4.5 | 0. | 0.12 |
| 5.5 | 0.75 | 0.17 |
| 6.5 | 0.31 | 0.23 |
| 7.5 | 0.75 | 0.30 |
| 8.5 | 1.06 | 0.38 |
| 9.5 | 1.06 | 0.47 |
| 10.5 | 1.41 | 0.57 |
| 11.5 | 1.73 | 0.68 |
| 12.5 | 1.73 | 0.80 |
| 13.5 | 1.73 | 0.93 |
| 14.5 | 1.73 | 1.07 |
| 15.5 | 2.10 | 1.22 |
| 16.5 | 2.10 | 1.37 |
| 17.5 | 2.49 | 1.54 |
| 18.5 | 2.76 | 1.71 |
| 19.5 | 2.85 | 1.90 |
| 20.5 | 3.16 | 2.09 |
| 21.5 | 3.16 | 2.30 |
| 22.5 | 3.16 | 2.51 |
| 23.5 | 3.61 | 2.74 |
| 24.5 | 3.61 | 2.97 |
| 25.5 | 3.91 | 3.21 |
| 26.5 | 4.28 | 3.46 |
| 27.5 | 4.28 | 3.73 |
| 28.5 | 4.28 | 4.00 |
| 29.5 | 4.86 | 4.28 |
| 30.5 | 4.86 | 4.57 |
| 31.5 | 5.03 | 4.87 |
| 32.5 | 5.61 | 5.18 |
| 33.5 | 5.61 | 5.49 |
| 34.5 | 6.40 | 5.82 |
| 35.5 | 6.82 | 6.16 |
| 36.5 | 7.41 | 6.51 |
| 37.5 | 7.41 | 6.86 |
| 38.5 | 8.04 | 7.23 |
| 39.5 | 8.04 | 7.60 |
| 40.5 | 8.83 | 7.99 |
| 41.5 | 9.70 | 8.38 |
| 42.5 | 9.70 | 8.79 |
| 43.5 | 10.47 | 9.20 |
| 44.5 | 10.92 | 9.62 |
| 45.5 | 11.50 | 10.06 |
| 46.5 | 11.50 | 10.50 |
| 47.5 | 12.13 | 10.95 |
| 48.5 | 12.92 | 11.41 |
| 49.5 | 13.79 | 11.88 |
| 50.5 | 13.92 | 12.36 |

Z = 89 N = 124 A = 213 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 14.71 | 12.85 |
| 52.5 | 15.45 | 13.35 |
| 53.5 | 15.58 | 13.86 |
| 54.5 | 16.37 | 14.38 |
| 55.5 | 17.10 | 14.90 |
| 56.5 | 17.89 | 15.44 |
| 57.5 | 18.44 | 15.99 |
| 58.5 | 18.89 | 16.54 |
| 59.5 | 19.68 | 17.11 |
| 60.5 | 20.76 | 17.69 |
| 61.5 | 21.39 | 18.27 |
| 62.5 | 21.76 | 18.86 |
| 63.5 | 22.91 | 19.47 |
| 64.5 | 23.71 | 20.08 |
| 65.5 | 24.12 | 20.70 |
| 66.5 | 24.71 | 21.34 |
| 67.5 | 26.65 | 21.98 |
| 68.5 | 27.07 | 22.63 |
| 69.5 | 27.85 | 23.29 |
| 70.5 | 29.01 | 23.96 |

Z = 89 N = 125 A = 214

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 1.71 | 0. |
| 1 | 1.40 | 0.01 |
| 2 | 1.40 | 0.03 |
| 3 | 0.46 | 0.06 |
| 4 | 0. | 0.09 |
| 5 | 0. | 0.14 |
| 6 | 0.31 | 0.20 |
| 7 | 0.31 | 0.26 |
| 8 | 1.40 | 0.34 |
| 9 | 1.40 | 0.42 |
| 10 | 1.40 | 0.52 |
| 11 | 1.40 | 0.62 |
| 12 | 1.73 | 0.74 |
| 13 | 1.73 | 0.86 |
| 14 | 1.73 | 0.99 |
| 15 | 1.73 | 1.13 |
| 16 | 2.09 | 1.28 |
| 17 | 2.09 | 1.44 |
| 18 | 2.74 | 1.61 |
| 19 | 2.74 | 1.79 |
| 20 | 3.15 | 1.98 |
| 21 | 3.15 | 2.18 |
| 22 | 3.15 | 2.39 |
| 23 | 3.15 | 2.60 |
| 24 | 3.60 | 2.83 |
| 25 | 3.60 | 3.07 |
| 26 | 4.26 | 3.31 |
| 27 | 4.26 | 3.57 |
| 28 | 4.26 | 3.83 |
| 29 | 4.26 | 4.10 |
| 30 | 4.84 | 4.39 |
| 31 | 4.84 | 4.68 |
| 32 | 5.63 | 4.98 |
| 33 | 5.96 | 5.29 |
| 34 | 6.55 | 5.61 |
| 35 | 6.55 | 5.94 |
| 36 | 6.68 | 6.28 |
| 37 | 7.27 | 6.63 |
| 38 | 7.27 | 6.99 |
| 39 | 8.05 | 7.36 |
| 40 | 8.92 | 7.73 |
| 41 | 8.92 | 8.12 |
| 42 | 9.69 | 8.52 |
| 43 | 9.69 | 8.92 |
| 44 | 10.48 | 9.34 |
| 45 | 10.72 | 9.76 |
| 46 | 11.35 | 10.20 |
| 47 | 11.35 | 10.64 |
| 48 | 12.13 | 11.09 |
| 49 | 13.00 | 11.55 |
| 50 | 13.14 | 12.03 |

Z = 89 N = 125 A = 214 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 13.77 | 12.51 |
| 52 | 14.56 | 13.00 |
| 53 | 14.80 | 13.50 |
| 54 | 15.42 | 14.01 |
| 55 | 16.21 | 14.53 |
| 56 | 17.21 | 15.05 |
| 57 | 17.21 | 15.59 |
| 58 | 18.00 | 16.14 |
| 59 | 18.74 | 16.70 |
| 60 | 19.52 | 17.26 |
| 61 | 20.07 | 17.84 |
| 62 | 21.23 | 18.42 |
| 63 | 21.59 | 19.02 |
| 64 | 22.43 | 19.62 |
| 65 | 23.02 | 20.23 |
| 66 | 23.95 | 20.86 |
| 67 | 24.54 | 21.49 |
| 68 | 26.16 | 22.13 |
| 69 | 26.90 | 22.78 |
| 70 | 27.68 | 23.44 |
| 71 | 28.83 | 24.11 |

Z = 89 N = 126 A = 215

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 1.72 | 0.00 |
| 1.5 | 1.39 | 0.02 |
| 2.5 | 1.39 | 0.04 |
| 3.5 | 0.46 | 0.07 |
| 4.5 | 0. | 0.12 |
| 5.5 | 1.39 | 0.17 |
| 6.5 | 0.30 | 0.23 |
| 7.5 | 1.39 | 0.30 |
| 8.5 | 1.39 | 0.38 |
| 9.5 | 1.72 | 0.47 |
| 10.5 | 1.39 | 0.57 |
| 11.5 | 1.72 | 0.67 |
| 12.5 | 1.72 | 0.79 |
| 13.5 | 1.72 | 0.92 |
| 14.5 | 1.72 | 1.05 |
| 15.5 | 2.08 | 1.20 |
| 16.5 | 2.08 | 1.35 |
| 17.5 | 2.73 | 1.52 |
| 18.5 | 2.73 | 1.69 |
| 19.5 | 3.13 | 1.87 |
| 20.5 | 3.13 | 2.06 |
| 21.5 | 3.13 | 2.26 |
| 22.5 | 3.13 | 2.47 |
| 23.5 | 3.58 | 2.69 |
| 24.5 | 3.58 | 2.92 |
| 25.5 | 4.24 | 3.16 |
| 26.5 | 4.24 | 3.41 |
| 27.5 | 4.24 | 3.67 |
| 28.5 | 4.24 | 3.93 |
| 29.5 | 4.82 | 4.21 |
| 30.5 | 4.82 | 4.50 |
| 31.5 | 5.60 | 4.79 |
| 32.5 | 6.16 | 5.10 |
| 33.5 | 6.16 | 5.41 |
| 34.5 | 6.74 | 5.73 |
| 35.5 | 6.74 | 6.06 |
| 36.5 | 7.52 | 6.41 |
| 37.5 | 8.39 | 6.76 |
| 38.5 | 8.39 | 7.12 |
| 39.5 | 8.58 | 7.49 |
| 40.5 | 9.16 | 7.87 |
| 41.5 | 9.16 | 8.25 |
| 42.5 | 9.95 | 8.65 |
| 43.5 | 10.23 | 9.06 |
| 44.5 | 10.81 | 9.48 |
| 45.5 | 10.81 | 9.90 |
| 46.5 | 11.60 | 10.34 |
| 47.5 | 12.47 | 10.78 |
| 48.5 | 12.61 | 11.23 |
| 49.5 | 13.23 | 11.70 |
| 50.5 | 13.23 | 12.17 |

Z = 89 N = 126 A = 215 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 14.02 | 12.65 |
| 52.5 | 14.89 | 13.14 |
| 53.5 | 14.89 | 13.64 |
| 54.5 | 15.67 | 14.16 |
| 55.5 | 16.67 | 14.67 |
| 56.5 | 16.67 | 15.20 |
| 57.5 | 17.31 | 15.74 |
| 58.5 | 18.09 | 16.29 |
| 59.5 | 18.96 | 16.85 |
| 60.5 | 19.53 | 17.41 |
| 61.5 | 20.16 | 17.99 |
| 62.5 | 21.18 | 18.57 |
| 63.5 | 21.81 | 19.17 |
| 64.5 | 22.47 | 19.77 |
| 65.5 | 23.10 | 20.38 |
| 66.5 | 24.12 | 21.01 |
| 67.5 | 24.75 | 21.64 |
| 68.5 | 26.24 | 22.28 |
| 69.5 | 27.11 | 22.93 |
| 70.5 | 27.89 | 23.59 |
| 71.5 | 29.04 | 24.26 |

Z = 89 N = 127 A = 216

| J | EJAY | EROT |
|----|-------|-------|
| 0 | 0. | 0. |
| 1 | 0. | 0.01 |
| 2 | 0. | 0.03 |
| 3 | 0. | 0.06 |
| 4 | 0. | 0.09 |
| 5 | 0. | 0.14 |
| 6 | 0. | 0.20 |
| 7 | 0. | 0.26 |
| 8 | 0. | 0.33 |
| 9 | 0. | 0.42 |
| 10 | 0.30 | 0.51 |
| 11 | 0.30 | 0.61 |
| 12 | 1.39 | 0.72 |
| 13 | 1.39 | 0.85 |
| 14 | 1.39 | 0.98 |
| 15 | 1.39 | 1.11 |
| 16 | 1.71 | 1.26 |
| 17 | 1.71 | 1.42 |
| 18 | 1.71 | 1.59 |
| 19 | 1.71 | 1.76 |
| 20 | 2.07 | 1.95 |
| 21 | 2.07 | 2.15 |
| 22 | 2.72 | 2.35 |
| 23 | 2.72 | 2.56 |
| 24 | 3.12 | 2.79 |
| 25 | 3.12 | 3.02 |
| 26 | 3.12 | 3.26 |
| 27 | 3.12 | 3.51 |
| 28 | 3.56 | 3.77 |
| 29 | 3.56 | 4.04 |
| 30 | 4.22 | 4.32 |
| 31 | 4.22 | 4.61 |
| 32 | 4.22 | 4.90 |
| 33 | 4.22 | 5.21 |
| 34 | 4.80 | 5.53 |
| 35 | 4.80 | 5.85 |
| 36 | 5.58 | 6.19 |
| 37 | 6.13 | 6.53 |
| 38 | 6.45 | 6.88 |
| 39 | 6.72 | 7.24 |
| 40 | 7.50 | 7.62 |
| 41 | 7.78 | 8.00 |
| 42 | 8.37 | 8.39 |
| 43 | 8.37 | 8.79 |
| 44 | 9.13 | 9.19 |
| 45 | 9.92 | 9.61 |
| 46 | 10.11 | 10.04 |
| 47 | 10.20 | 10.48 |
| 48 | 10.78 | 10.92 |
| 49 | 10.78 | 11.38 |
| 50 | 11.57 | 11.84 |

Z = 89 N = 127 A = 216 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 12.43 | 12.32 |
| 52 | 12.43 | 12.80 |
| 53 | 13.20 | 13.29 |
| 54 | 13.98 | 13.79 |
| 55 | 14.24 | 14.30 |
| 56 | 14.85 | 14.82 |
| 57 | 14.85 | 15.35 |
| 58 | 15.63 | 15.89 |
| 59 | 16.50 | 16.44 |
| 60 | 17.27 | 17.00 |
| 61 | 17.70 | 17.56 |
| 62 | 18.28 | 18.14 |
| 63 | 18.92 | 18.72 |
| 64 | 19.70 | 19.32 |
| 65 | 20.63 | 19.92 |
| 66 | 21.13 | 20.53 |
| 67 | 21.77 | 21.16 |
| 68 | 23.05 | 21.79 |
| 69 | 23.48 | 22.43 |
| 70 | 24.07 | 23.08 |
| 71 | 24.70 | 23.74 |
| 72 | 26.42 | 24.41 |
| 73 | 27.05 | 25.09 |
| 74 | 27.83 | 25.77 |
| 75 | 28.98 | 26.47 |

Z = 89 N = 128 A = 217

| J | EJAY | EROT |
|------|-------|-------|
| 0.5 | 0.96 | 0.00 |
| 1.5 | 0.96 | 0.02 |
| 2.5 | 0.96 | 0.04 |
| 3.5 | 0.46 | 0.07 |
| 4.5 | 0. | 0.11 |
| 5.5 | 0.96 | 0.16 |
| 6.5 | 0.30 | 0.22 |
| 7.5 | 0.96 | 0.29 |
| 8.5 | 0.96 | 0.37 |
| 9.5 | 0.96 | 0.46 |
| 10.5 | 0.96 | 0.56 |
| 11.5 | 0.96 | 0.66 |
| 12.5 | 0.96 | 0.78 |
| 13.5 | 1.26 | 0.90 |
| 14.5 | 1.26 | 1.04 |
| 15.5 | 2.06 | 1.18 |
| 16.5 | 2.06 | 1.33 |
| 17.5 | 2.34 | 1.49 |
| 18.5 | 2.34 | 1.66 |
| 19.5 | 2.66 | 1.84 |
| 20.5 | 2.66 | 2.03 |
| 21.5 | 2.66 | 2.23 |
| 22.5 | 2.66 | 2.44 |
| 23.5 | 3.02 | 2.65 |
| 24.5 | 3.02 | 2.88 |
| 25.5 | 3.66 | 3.11 |
| 26.5 | 3.66 | 3.36 |
| 27.5 | 4.06 | 3.61 |
| 28.5 | 4.06 | 3.87 |
| 29.5 | 4.06 | 4.15 |
| 30.5 | 4.06 | 4.43 |
| 31.5 | 4.51 | 4.72 |
| 32.5 | 4.51 | 5.02 |
| 33.5 | 5.16 | 5.33 |
| 34.5 | 5.16 | 5.64 |
| 35.5 | 5.16 | 5.97 |
| 36.5 | 5.16 | 6.31 |
| 37.5 | 5.74 | 6.65 |
| 38.5 | 5.74 | 7.01 |
| 39.5 | 6.52 | 7.37 |
| 40.5 | 6.80 | 7.75 |
| 41.5 | 7.39 | 8.13 |
| 42.5 | 7.39 | 8.52 |
| 43.5 | 8.17 | 8.92 |
| 44.5 | 8.72 | 9.33 |
| 45.5 | 9.30 | 9.75 |
| 46.5 | 9.30 | 10.18 |
| 47.5 | 10.08 | 10.62 |
| 48.5 | 10.95 | 11.06 |
| 49.5 | 10.95 | 11.52 |
| 50.5 | 11.71 | 11.98 |

Z = 89 N = 128 A = 217 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 11.71 | 12.46 |
| 52.5 | 12.49 | 12.94 |
| 53.5 | 12.78 | 13.44 |
| 54.5 | 13.36 | 13.94 |
| 55.5 | 13.36 | 14.45 |
| 56.5 | 14.14 | 14.97 |
| 57.5 | 15.01 | 15.50 |
| 58.5 | 15.77 | 16.04 |
| 59.5 | 15.77 | 16.59 |
| 60.5 | 16.55 | 17.15 |
| 61.5 | 17.42 | 17.71 |
| 62.5 | 17.42 | 18.29 |
| 63.5 | 18.20 | 18.87 |
| 64.5 | 19.18 | 19.47 |
| 65.5 | 19.97 | 20.07 |
| 66.5 | 20.26 | 20.68 |
| 67.5 | 21.55 | 21.31 |
| 68.5 | 22.03 | 21.94 |
| 69.5 | 22.61 | 22.58 |
| 70.5 | 23.19 | 23.23 |
| 71.5 | 24.38 | 23.89 |
| 72.5 | 24.96 | 24.56 |
| 73.5 | 26.32 | 25.23 |
| 74.5 | 27.30 | 25.92 |
| 75.5 | 28.09 | 26.62 |
| 76.5 | 29.23 | 27.32 |

Z = 89 N = 129 A = 218

| J | EJAY | EROT |
|----|------|-------|
| 0 | 0. | 0. |
| 1 | 0. | 0.01 |
| 2 | 0. | 0.03 |
| 3 | 0. | 0.05 |
| 4 | 0. | 0.09 |
| 5 | 0. | 0.14 |
| 6 | 0. | 0.19 |
| 7 | 0. | 0.26 |
| 8 | 0. | 0.33 |
| 9 | 0. | 0.41 |
| 10 | 0.30 | 0.50 |
| 11 | 0.30 | 0.60 |
| 12 | 0.74 | 0.71 |
| 13 | 0.74 | 0.83 |
| 14 | 0.74 | 0.96 |
| 15 | 0.74 | 1.10 |
| 16 | 1.05 | 1.24 |
| 17 | 1.05 | 1.40 |
| 18 | 1.69 | 1.56 |
| 19 | 1.69 | 1.74 |
| 20 | 2.05 | 1.92 |
| 21 | 2.05 | 2.11 |
| 22 | 2.44 | 2.31 |
| 23 | 2.44 | 2.52 |
| 24 | 2.44 | 2.74 |
| 25 | 2.44 | 2.97 |
| 26 | 2.80 | 3.21 |
| 27 | 2.80 | 3.46 |
| 28 | 3.43 | 3.71 |
| 29 | 3.43 | 3.98 |
| 30 | 3.83 | 4.25 |
| 31 | 3.83 | 4.54 |
| 32 | 3.83 | 4.83 |
| 33 | 3.83 | 5.13 |
| 34 | 4.28 | 5.44 |
| 35 | 4.28 | 5.76 |
| 36 | 4.92 | 6.09 |
| 37 | 4.92 | 6.43 |
| 38 | 4.92 | 6.78 |
| 39 | 4.92 | 7.13 |
| 40 | 5.51 | 7.50 |
| 41 | 5.51 | 7.87 |
| 42 | 6.29 | 8.26 |
| 43 | 6.57 | 8.65 |
| 44 | 6.57 | 9.05 |
| 45 | 7.15 | 9.47 |
| 46 | 7.15 | 9.89 |
| 47 | 7.93 | 10.32 |
| 48 | 8.79 | 10.76 |
| 49 | 8.79 | 11.20 |
| 50 | 9.58 | 11.66 |

Z = 89 N = 129 A = 218 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 10.12 | 12.13 |
| 52 | 10.71 | 12.60 |
| 53 | 10.71 | 13.09 |
| 54 | 11.49 | 13.58 |
| 55 | 12.35 | 14.08 |
| 56 | 12.53 | 14.60 |
| 57 | 13.11 | 15.12 |
| 58 | 13.11 | 15.65 |
| 59 | 13.90 | 16.19 |
| 60 | 14.76 | 16.74 |
| 61 | 14.76 | 17.29 |
| 62 | 15.54 | 17.86 |
| 63 | 16.52 | 18.44 |
| 64 | 17.17 | 19.02 |
| 65 | 17.17 | 19.62 |
| 66 | 17.95 | 20.22 |
| 67 | 18.81 | 20.83 |
| 68 | 18.93 | 21.46 |
| 69 | 19.71 | 22.09 |
| 70 | 20.99 | 22.73 |
| 71 | 21.57 | 23.38 |
| 72 | 21.77 | 24.04 |
| 73 | 22.93 | 24.70 |
| 74 | 23.91 | 25.38 |
| 75 | 24.11 | 26.07 |
| 76 | 24.69 | 26.76 |
| 77 | 26.62 | 27.46 |
| 78 | 27.04 | 28.18 |
| 79 | 27.82 | 28.90 |
| 80 | 28.96 | 29.63 |
| 81 | 29.16 | 30.37 |

Z = 89 N = 130 A = 219

| J | EJAY | EROT |
|------|------|-------|
| 0.5 | 1.00 | 0.00 |
| 1.5 | 1.00 | 0.02 |
| 2.5 | 1.00 | 0.04 |
| 3.5 | 0.46 | 0.07 |
| 4.5 | 0. | 0.11 |
| 5.5 | 1.00 | 0.16 |
| 6.5 | 0.30 | 0.22 |
| 7.5 | 1.00 | 0.29 |
| 8.5 | 1.00 | 0.37 |
| 9.5 | 1.00 | 0.45 |
| 10.5 | 1.00 | 0.55 |
| 11.5 | 1.00 | 0.65 |
| 12.5 | 1.00 | 0.77 |
| 13.5 | 1.30 | 0.89 |
| 14.5 | 1.30 | 1.02 |
| 15.5 | 1.53 | 1.16 |
| 16.5 | 1.53 | 1.31 |
| 17.5 | 1.83 | 1.47 |
| 18.5 | 1.83 | 1.64 |
| 19.5 | 2.69 | 1.81 |
| 20.5 | 2.69 | 2.00 |
| 21.5 | 2.69 | 2.20 |
| 22.5 | 2.69 | 2.40 |
| 23.5 | 3.05 | 2.61 |
| 24.5 | 3.05 | 2.84 |
| 25.5 | 3.22 | 3.07 |
| 26.5 | 3.22 | 3.31 |
| 27.5 | 3.58 | 3.56 |
| 28.5 | 3.58 | 3.82 |
| 29.5 | 4.08 | 4.08 |
| 30.5 | 4.08 | 4.36 |
| 31.5 | 4.52 | 4.65 |
| 32.5 | 4.52 | 4.94 |
| 33.5 | 4.61 | 5.24 |
| 34.5 | 4.61 | 5.56 |
| 35.5 | 5.05 | 5.88 |
| 36.5 | 5.05 | 6.21 |
| 37.5 | 5.69 | 6.55 |
| 38.5 | 5.69 | 6.90 |
| 39.5 | 5.69 | 7.26 |
| 40.5 | 5.69 | 7.63 |
| 41.5 | 6.27 | 8.00 |
| 42.5 | 6.27 | 8.39 |
| 43.5 | 7.05 | 8.78 |
| 44.5 | 7.33 | 9.19 |
| 45.5 | 7.33 | 9.60 |
| 46.5 | 7.33 | 10.02 |
| 47.5 | 7.92 | 10.45 |
| 48.5 | 7.92 | 10.89 |
| 49.5 | 8.69 | 11.34 |
| 50.5 | 8.98 | 11.80 |

Z = 89 N = 130 A = 219 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 9.56 | 12.27 |
| 52.5 | 9.56 | 12.75 |
| 53.5 | 10.34 | 13.23 |
| 54.5 | 11.20 | 13.73 |
| 55.5 | 11.46 | 14.23 |
| 56.5 | 12.24 | 14.74 |
| 57.5 | 13.11 | 15.27 |
| 58.5 | 13.11 | 15.80 |
| 59.5 | 13.87 | 16.34 |
| 60.5 | 14.65 | 16.89 |
| 61.5 | 14.93 | 17.44 |
| 62.5 | 15.51 | 18.01 |
| 63.5 | 15.51 | 18.59 |
| 64.5 | 16.29 | 19.17 |
| 65.5 | 17.15 | 19.77 |
| 66.5 | 17.27 | 20.37 |
| 67.5 | 18.05 | 20.98 |
| 68.5 | 19.07 | 21.61 |
| 69.5 | 19.56 | 22.24 |
| 70.5 | 19.68 | 22.88 |
| 71.5 | 20.46 | 23.52 |
| 72.5 | 21.73 | 24.18 |
| 73.5 | 22.31 | 24.85 |
| 74.5 | 22.51 | 25.53 |
| 75.5 | 24.24 | 26.21 |
| 76.5 | 24.65 | 26.91 |
| 77.5 | 24.85 | 27.61 |
| 78.5 | 25.43 | 28.32 |
| 79.5 | 27.36 | 29.04 |
| 80.5 | 27.77 | 29.77 |
| 81.5 | 28.55 | 30.51 |
| 82.5 | 29.70 | 31.26 |
| 83.5 | 29.89 | 32.02 |

Z = 89 N = 131 A = 220

| J | EJAY | EROT |
|----|------|-------|
| 0 | 0. | 0. |
| 1 | 0. | 0.01 |
| 2 | 0. | 0.03 |
| 3 | 0. | 0.05 |
| 4 | 0. | 0.09 |
| 5 | 0. | 0.14 |
| 6 | 0. | 0.19 |
| 7 | 0. | 0.25 |
| 8 | 0. | 0.32 |
| 9 | 0. | 0.41 |
| 10 | 0.30 | 0.50 |
| 11 | 0.30 | 0.59 |
| 12 | 0.80 | 0.70 |
| 13 | 0.80 | 0.82 |
| 14 | 0.80 | 0.95 |
| 15 | 0.80 | 1.08 |
| 16 | 1.10 | 1.23 |
| 17 | 1.10 | 1.38 |
| 18 | 1.42 | 1.54 |
| 19 | 1.42 | 1.71 |
| 20 | 2.04 | 1.89 |
| 21 | 2.04 | 2.08 |
| 22 | 2.47 | 2.28 |
| 23 | 2.47 | 2.49 |
| 24 | 2.48 | 2.70 |
| 25 | 2.48 | 2.93 |
| 26 | 2.80 | 3.16 |
| 27 | 2.80 | 3.40 |
| 28 | 3.15 | 3.66 |
| 29 | 3.15 | 3.92 |
| 30 | 3.78 | 4.19 |
| 31 | 3.78 | 4.47 |
| 32 | 3.86 | 4.76 |
| 33 | 3.86 | 5.05 |
| 34 | 4.18 | 5.36 |
| 35 | 4.18 | 5.67 |
| 36 | 4.62 | 6.00 |
| 37 | 4.62 | 6.33 |
| 38 | 4.94 | 6.67 |
| 39 | 4.94 | 7.03 |
| 40 | 5.26 | 7.39 |
| 41 | 5.26 | 7.76 |
| 42 | 5.82 | 8.13 |
| 43 | 5.84 | 8.52 |
| 44 | 6.26 | 8.92 |
| 45 | 6.90 | 9.32 |
| 46 | 6.90 | 9.74 |
| 47 | 6.90 | 10.16 |
| 48 | 6.90 | 10.59 |
| 49 | 7.48 | 11.03 |
| 50 | 7.48 | 11.48 |

Z = 89 N = 131 A = 220 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 8.26 | 11.94 |
| 52 | 8.54 | 12.41 |
| 53 | 8.54 | 12.89 |
| 54 | 9.12 | 13.38 |
| 55 | 9.12 | 13.87 |
| 56 | 9.90 | 14.38 |
| 57 | 10.76 | 14.89 |
| 58 | 10.76 | 15.41 |
| 59 | 11.54 | 15.94 |
| 60 | 12.51 | 16.48 |
| 61 | 12.66 | 17.03 |
| 62 | 13.44 | 17.59 |
| 63 | 14.30 | 18.16 |
| 64 | 14.42 | 18.74 |
| 65 | 15.06 | 19.32 |
| 66 | 15.84 | 19.92 |
| 67 | 16.24 | 20.52 |
| 68 | 16.70 | 21.13 |
| 69 | 16.82 | 21.75 |
| 70 | 17.60 | 22.38 |
| 71 | 18.46 | 23.02 |
| 72 | 19.22 | 23.67 |
| 73 | 19.65 | 24.33 |
| 74 | 21.09 | 25.00 |
| 75 | 21.29 | 25.67 |
| 76 | 21.99 | 26.36 |
| 77 | 22.57 | 27.05 |
| 78 | 23.63 | 27.75 |
| 79 | 24.21 | 28.46 |
| 80 | 24.97 | 29.18 |
| 81 | 26.54 | 29.91 |
| 82 | 27.02 | 30.65 |
| 83 | 28.08 | 31.40 |
| 84 | 28.66 | 32.16 |
| 85 | 29.42 | 32.92 |

Z = 89 N = 132 A = 221

| J | EJAY | EROT |
|------|------|-------|
| 0.5 | 1.05 | 0.00 |
| 1.5 | 1.05 | 0.02 |
| 2.5 | 1.05 | 0.04 |
| 3.5 | 0.46 | 0.07 |
| 4.5 | 0. | 0.11 |
| 5.5 | 1.05 | 0.16 |
| 6.5 | 0.30 | 0.22 |
| 7.5 | 1.05 | 0.28 |
| 8.5 | 1.05 | 0.36 |
| 9.5 | 1.05 | 0.45 |
| 10.5 | 1.05 | 0.54 |
| 11.5 | 1.05 | 0.64 |
| 12.5 | 1.05 | 0.75 |
| 13.5 | 1.35 | 0.87 |
| 14.5 | 1.35 | 1.00 |
| 15.5 | 1.61 | 1.14 |
| 16.5 | 1.61 | 1.29 |
| 17.5 | 1.91 | 1.45 |
| 18.5 | 1.91 | 1.61 |
| 19.5 | 2.72 | 1.79 |
| 20.5 | 2.72 | 1.97 |
| 21.5 | 2.72 | 2.16 |
| 22.5 | 2.72 | 2.36 |
| 23.5 | 3.08 | 2.57 |
| 24.5 | 3.08 | 2.79 |
| 25.5 | 3.28 | 3.02 |
| 26.5 | 3.28 | 3.26 |
| 27.5 | 3.64 | 3.50 |
| 28.5 | 3.64 | 3.76 |
| 29.5 | 4.10 | 4.02 |
| 30.5 | 4.10 | 4.29 |
| 31.5 | 4.54 | 4.58 |
| 32.5 | 4.54 | 4.87 |
| 33.5 | 4.66 | 5.17 |
| 34.5 | 4.66 | 5.47 |
| 35.5 | 5.10 | 5.79 |
| 36.5 | 5.10 | 6.12 |
| 37.5 | 5.73 | 6.45 |
| 38.5 | 5.73 | 6.80 |
| 39.5 | 5.73 | 7.15 |
| 40.5 | 5.73 | 7.51 |
| 41.5 | 6.31 | 7.88 |
| 42.5 | 6.31 | 8.26 |
| 43.5 | 6.87 | 8.65 |
| 44.5 | 6.87 | 9.05 |
| 45.5 | 7.20 | 9.46 |
| 46.5 | 7.20 | 9.87 |
| 47.5 | 7.50 | 10.30 |
| 48.5 | 7.50 | 10.73 |
| 49.5 | 8.08 | 11.17 |
| 50.5 | 8.08 | 11.63 |

Z = 89 N = 132 A = 221 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 8.86 | 12.09 |
| 52.5 | 9.14 | 12.55 |
| 53.5 | 9.14 | 13.03 |
| 54.5 | 9.14 | 13.52 |
| 55.5 | 9.72 | 14.02 |
| 56.5 | 9.72 | 14.52 |
| 57.5 | 10.50 | 15.04 |
| 58.5 | 10.78 | 15.56 |
| 59.5 | 11.36 | 16.09 |
| 60.5 | 11.36 | 16.63 |
| 61.5 | 12.13 | 17.18 |
| 62.5 | 12.99 | 17.74 |
| 63.5 | 13.11 | 18.31 |
| 64.5 | 13.89 | 18.88 |
| 65.5 | 14.89 | 19.47 |
| 66.5 | 15.01 | 20.06 |
| 67.5 | 15.79 | 20.67 |
| 68.5 | 16.65 | 21.28 |
| 69.5 | 17.29 | 21.90 |
| 70.5 | 17.41 | 22.53 |
| 71.5 | 18.19 | 23.17 |
| 72.5 | 19.05 | 23.82 |
| 73.5 | 19.05 | 24.48 |
| 74.5 | 19.82 | 25.14 |
| 75.5 | 21.10 | 25.82 |
| 76.5 | 21.67 | 26.50 |
| 77.5 | 21.87 | 27.19 |
| 78.5 | 23.15 | 27.90 |
| 79.5 | 24.01 | 28.61 |
| 80.5 | 24.20 | 29.33 |
| 81.5 | 24.78 | 30.05 |
| 82.5 | 26.70 | 30.79 |
| 83.5 | 27.11 | 31.54 |
| 84.5 | 27.89 | 32.29 |
| 85.5 | 29.03 | 33.06 |
| 86.5 | 29.23 | 33.83 |

Z = 90

N = 142

A = 232

| J | EJAY | EROT |
|----|------|-------|
| 0 | 0. | 0. |
| 1 | 1.91 | 0.01 |
| 2 | 1.50 | 0.02 |
| 3 | 1.76 | 0.05 |
| 4 | 1.50 | 0.08 |
| 5 | 1.76 | 0.12 |
| 6 | 1.50 | 0.17 |
| 7 | 1.76 | 0.23 |
| 8 | 1.50 | 0.30 |
| 9 | 1.76 | 0.37 |
| 10 | 1.76 | 0.45 |
| 11 | 1.76 | 0.54 |
| 12 | 1.92 | 0.64 |
| 13 | 1.99 | 0.75 |
| 14 | 1.92 | 0.87 |
| 15 | 2.95 | 0.99 |
| 16 | 2.95 | 1.12 |
| 17 | 2.95 | 1.26 |
| 18 | 3.24 | 1.41 |
| 19 | 3.24 | 1.57 |
| 20 | 3.24 | 1.73 |
| 21 | 3.42 | 1.90 |
| 22 | 3.42 | 2.09 |
| 23 | 3.65 | 2.28 |
| 24 | 3.56 | 2.47 |
| 25 | 3.65 | 2.68 |
| 26 | 3.96 | 2.89 |
| 27 | 4.46 | 3.12 |
| 28 | 4.86 | 3.35 |
| 29 | 4.86 | 3.59 |
| 30 | 4.87 | 3.83 |
| 31 | 4.87 | 4.09 |
| 32 | 4.98 | 4.35 |
| 33 | 4.98 | 4.63 |
| 34 | 5.10 | 4.91 |
| 35 | 5.31 | 5.19 |
| 36 | 5.40 | 5.49 |
| 37 | 5.69 | 5.80 |
| 38 | 6.00 | 6.11 |
| 39 | 6.38 | 6.43 |
| 40 | 6.38 | 6.76 |
| 41 | 6.38 | 7.10 |
| 42 | 6.59 | 7.44 |
| 43 | 6.74 | 7.80 |
| 44 | 6.74 | 8.16 |
| 45 | 6.85 | 8.53 |
| 46 | 7.14 | 8.91 |
| 47 | 7.64 | 9.30 |
| 48 | 7.64 | 9.70 |
| 49 | 7.73 | 10.10 |
| 50 | 7.93 | 10.51 |

Z = 90 N = 142 A = 232 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 8.02 | 10.93 |
| 52 | 8.11 | 11.36 |
| 53 | 8.23 | 11.80 |
| 54 | 8.34 | 12.24 |
| 55 | 8.69 | 12.70 |
| 56 | 8.99 | 13.16 |
| 57 | 9.07 | 13.63 |
| 58 | 9.18 | 14.11 |
| 59 | 9.45 | 14.59 |
| 60 | 9.45 | 15.09 |
| 61 | 9.56 | 15.59 |
| 62 | 9.84 | 16.10 |
| 63 | 9.96 | 16.62 |
| 64 | 10.41 | 17.15 |
| 65 | 10.41 | 17.68 |
| 66 | 10.53 | 18.23 |
| 67 | 11.10 | 18.78 |
| 68 | 11.29 | 19.34 |
| 69 | 11.30 | 19.91 |
| 70 | 11.69 | 20.49 |
| 71 | 11.69 | 21.07 |
| 72 | 12.15 | 21.67 |
| 73 | 12.26 | 22.27 |
| 74 | 12.26 | 22.88 |
| 75 | 12.83 | 23.50 |
| 76 | 13.03 | 24.12 |
| 77 | 13.43 | 24.76 |
| 78 | 13.55 | 25.40 |
| 79 | 14.00 | 26.05 |
| 80 | 14.00 | 26.71 |
| 81 | 14.12 | 27.38 |
| 82 | 14.69 | 28.06 |
| 83 | 14.88 | 28.74 |
| 84 | 15.74 | 29.43 |
| 85 | 15.86 | 30.13 |
| 86 | 15.86 | 30.84 |
| 87 | 16.42 | 31.56 |
| 88 | 16.62 | 32.29 |
| 89 | 17.59 | 33.02 |
| 90 | 17.71 | 33.76 |
| 91 | 18.28 | 34.51 |
| 92 | 18.47 | 35.27 |
| 93 | 20.02 | 36.04 |
| 94 | 20.21 | 36.81 |
| 95 | 21.06 | 37.60 |
| 96 | 22.23 | 38.39 |
| 97 | 22.80 | 39.19 |
| 98 | 23.35 | 39.99 |
| 99 | 24.11 | 40.81 |

Z = 91 N = 140 A = 231

| J | EJAY | EROT |
|------|------|-------|
| 0.5 | 1.63 | 0.00 |
| 1.5 | 1.63 | 0.02 |
| 2.5 | 1.63 | 0.04 |
| 3.5 | 0.34 | 0.07 |
| 4.5 | 0. | 0.10 |
| 5.5 | 1.63 | 0.15 |
| 6.5 | 0.20 | 0.20 |
| 7.5 | 1.63 | 0.26 |
| 8.5 | 1.63 | 0.34 |
| 9.5 | 1.63 | 0.41 |
| 10.5 | 1.63 | 0.50 |
| 11.5 | 1.63 | 0.60 |
| 12.5 | 1.63 | 0.70 |
| 13.5 | 1.63 | 0.81 |
| 14.5 | 1.63 | 0.93 |
| 15.5 | 1.86 | 1.06 |
| 16.5 | 1.86 | 1.20 |
| 17.5 | 1.97 | 1.34 |
| 18.5 | 1.97 | 1.50 |
| 19.5 | 2.17 | 1.66 |
| 20.5 | 2.17 | 1.83 |
| 21.5 | 2.97 | 2.01 |
| 22.5 | 2.97 | 2.20 |
| 23.5 | 3.25 | 2.39 |
| 24.5 | 3.25 | 2.59 |
| 25.5 | 3.60 | 2.81 |
| 26.5 | 3.60 | 3.03 |
| 27.5 | 3.60 | 3.25 |
| 28.5 | 3.60 | 3.49 |
| 29.5 | 3.83 | 3.74 |
| 30.5 | 3.83 | 3.99 |
| 31.5 | 4.03 | 4.25 |
| 32.5 | 4.73 | 4.52 |
| 33.5 | 4.94 | 4.80 |
| 34.5 | 4.94 | 5.09 |
| 35.5 | 4.94 | 5.38 |
| 36.5 | 4.94 | 5.68 |
| 37.5 | 5.22 | 5.99 |
| 38.5 | 5.22 | 6.31 |
| 39.5 | 5.46 | 6.64 |
| 40.5 | 5.57 | 6.98 |
| 41.5 | 5.69 | 7.32 |
| 42.5 | 5.98 | 7.68 |
| 43.5 | 6.36 | 8.04 |
| 44.5 | 6.36 | 8.41 |
| 45.5 | 6.68 | 8.78 |
| 46.5 | 6.68 | 9.17 |
| 47.5 | 6.80 | 9.57 |
| 48.5 | 6.96 | 9.97 |
| 49.5 | 7.08 | 10.38 |
| 50.5 | 7.39 | 10.80 |

Z = 91 N = 140 A = 231 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 7.72 | 11.23 |
| 52.5 | 7.72 | 11.66 |
| 53.5 | 7.84 | 12.11 |
| 54.5 | 8.10 | 12.56 |
| 55.5 | 8.21 | 13.02 |
| 56.5 | 8.44 | 13.49 |
| 57.5 | 8.56 | 13.97 |
| 58.5 | 8.79 | 14.45 |
| 59.5 | 9.13 | 14.95 |
| 60.5 | 9.32 | 15.45 |
| 61.5 | 9.54 | 15.96 |
| 62.5 | 9.54 | 16.48 |
| 63.5 | 9.92 | 17.01 |
| 64.5 | 9.92 | 17.54 |
| 65.5 | 10.26 | 18.09 |
| 66.5 | 10.26 | 18.64 |
| 67.5 | 10.83 | 19.20 |
| 68.5 | 10.83 | 19.77 |
| 69.5 | 11.03 | 20.34 |
| 70.5 | 11.40 | 20.93 |
| 71.5 | 11.66 | 21.52 |
| 72.5 | 11.78 | 22.13 |
| 73.5 | 12.00 | 22.74 |
| 74.5 | 12.12 | 23.35 |
| 75.5 | 12.58 | 23.98 |
| 76.5 | 12.69 | 24.62 |
| 77.5 | 12.88 | 25.26 |
| 78.5 | 13.46 | 25.91 |
| 79.5 | 13.86 | 26.57 |
| 80.5 | 13.86 | 27.24 |
| 81.5 | 14.43 | 27.92 |
| 82.5 | 14.43 | 28.60 |
| 83.5 | 14.63 | 29.30 |
| 84.5 | 15.20 | 30.00 |
| 85.5 | 15.71 | 30.71 |
| 86.5 | 16.17 | 31.43 |
| 87.5 | 16.29 | 32.15 |
| 88.5 | 16.48 | 32.89 |
| 89.5 | 17.05 | 33.63 |
| 90.5 | 18.03 | 34.38 |
| 91.5 | 18.22 | 35.14 |
| 92.5 | 18.79 | 35.91 |
| 93.5 | 19.95 | 36.69 |
| 94.5 | 20.52 | 37.47 |
| 95.5 | 21.58 | 38.26 |
| 96.5 | 22.54 | 39.07 |
| 97.5 | 23.18 | 39.88 |
| 98.5 | 23.87 | 40.69 |
| 99.5 | 24.90 | 41.52 |

Z = 92 N = 143 A = 235

| J | EJAY | EROT |
|------|------|-------|
| 0.5 | 1.76 | 0.00 |
| 1.5 | 1.75 | 0.02 |
| 2.5 | 0.71 | 0.04 |
| 3.5 | 1.71 | 0.06 |
| 4.5 | 1.75 | 0.10 |
| 5.5 | 0.06 | 0.14 |
| 6.5 | 1.75 | 0.20 |
| 7.5 | 0. | 0.26 |
| 8.5 | 1.75 | 0.33 |
| 9.5 | 1.75 | 0.40 |
| 10.5 | 1.75 | 0.49 |
| 11.5 | 1.75 | 0.58 |
| 12.5 | 1.75 | 0.68 |
| 13.5 | 1.75 | 0.79 |
| 14.5 | 1.75 | 0.91 |
| 15.5 | 1.75 | 1.03 |
| 16.5 | 1.75 | 1.17 |
| 17.5 | 1.75 | 1.31 |
| 18.5 | 1.76 | 1.46 |
| 19.5 | 1.75 | 1.61 |
| 20.5 | 3.21 | 1.78 |
| 21.5 | 3.21 | 1.95 |
| 22.5 | 3.21 | 2.13 |
| 23.5 | 3.21 | 2.32 |
| 24.5 | 3.21 | 2.52 |
| 25.5 | 3.21 | 2.73 |
| 26.5 | 3.25 | 2.94 |
| 27.5 | 3.21 | 3.16 |
| 28.5 | 3.29 | 3.39 |
| 29.5 | 3.29 | 3.63 |
| 30.5 | 3.50 | 3.88 |
| 31.5 | 3.68 | 4.13 |
| 32.5 | 4.43 | 4.39 |
| 33.5 | 4.43 | 4.66 |
| 34.5 | 4.43 | 4.94 |
| 35.5 | 4.43 | 5.23 |
| 36.5 | 4.55 | 5.52 |
| 37.5 | 4.55 | 5.83 |
| 38.5 | 4.96 | 6.14 |
| 39.5 | 5.00 | 6.45 |
| 40.5 | 5.05 | 6.78 |
| 41.5 | 5.23 | 7.12 |
| 42.5 | 6.05 | 7.46 |
| 43.5 | 6.19 | 7.81 |
| 44.5 | 6.19 | 8.17 |
| 45.5 | 6.19 | 8.54 |
| 46.5 | 6.19 | 8.91 |
| 47.5 | 6.30 | 9.30 |
| 48.5 | 6.30 | 9.69 |
| 49.5 | 6.48 | 10.09 |
| 50.5 | 6.75 | 10.49 |

Z = 92 N = 143 A = 235 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 7.13 | 10.91 |
| 52.5 | 7.51 | 11.33 |
| 53.5 | 7.67 | 11.76 |
| 54.5 | 7.67 | 12.20 |
| 55.5 | 7.68 | 12.65 |
| 56.5 | 7.76 | 13.11 |
| 57.5 | 7.80 | 13.57 |
| 58.5 | 8.00 | 14.04 |
| 59.5 | 8.58 | 14.52 |
| 60.5 | 8.67 | 15.01 |
| 61.5 | 8.67 | 15.51 |
| 62.5 | 8.90 | 16.01 |
| 63.5 | 9.01 | 16.53 |
| 64.5 | 9.01 | 17.05 |
| 65.5 | 9.27 | 17.58 |
| 66.5 | 9.81 | 18.11 |
| 67.5 | 9.81 | 18.66 |
| 68.5 | 9.92 | 19.21 |
| 69.5 | 9.92 | 19.77 |
| 70.5 | 10.31 | 20.34 |
| 71.5 | 10.49 | 20.92 |
| 72.5 | 10.60 | 21.50 |
| 73.5 | 10.80 | 22.09 |
| 74.5 | 11.36 | 22.70 |
| 75.5 | 11.36 | 23.30 |
| 76.5 | 11.65 | 23.92 |
| 77.5 | 11.77 | 24.55 |
| 78.5 | 12.15 | 25.18 |
| 79.5 | 12.33 | 25.82 |
| 80.5 | 12.44 | 26.47 |
| 81.5 | 12.64 | 27.13 |
| 82.5 | 13.09 | 27.80 |
| 83.5 | 13.21 | 28.47 |
| 84.5 | 13.88 | 29.15 |
| 85.5 | 14.07 | 29.84 |
| 86.5 | 14.17 | 30.54 |
| 87.5 | 14.37 | 31.25 |
| 88.5 | 14.94 | 31.96 |
| 89.5 | 14.94 | 32.68 |
| 90.5 | 15.70 | 33.41 |
| 91.5 | 16.02 | 34.15 |
| 92.5 | 16.21 | 34.90 |
| 93.5 | 16.67 | 35.65 |
| 94.5 | 16.78 | 36.41 |
| 95.5 | 17.54 | 37.19 |
| 96.5 | 18.51 | 37.96 |
| 97.5 | 18.51 | 38.75 |
| 98.5 | 19.27 | 39.55 |
| 99.5 | 20.24 | 40.35 |

Z = 92 N = 146 A = 238

| J | EJAY | EROT |
|----|------|-------|
| 0 | 0. | 0. |
| 1 | 1.86 | 0.01 |
| 2 | 1.73 | 0.02 |
| 3 | 1.73 | 0.05 |
| 4 | 1.73 | 0.08 |
| 5 | 1.73 | 0.12 |
| 6 | 1.73 | 0.17 |
| 7 | 1.73 | 0.22 |
| 8 | 1.73 | 0.28 |
| 9 | 1.73 | 0.36 |
| 10 | 1.73 | 0.43 |
| 11 | 1.73 | 0.52 |
| 12 | 1.86 | 0.62 |
| 13 | 1.90 | 0.72 |
| 14 | 1.86 | 0.83 |
| 15 | 3.21 | 0.95 |
| 16 | 3.21 | 1.07 |
| 17 | 3.21 | 1.21 |
| 18 | 3.21 | 1.35 |
| 19 | 3.21 | 1.50 |
| 20 | 3.21 | 1.66 |
| 21 | 3.42 | 1.83 |
| 22 | 3.46 | 2.00 |
| 23 | 3.50 | 2.18 |
| 24 | 3.46 | 2.37 |
| 25 | 3.50 | 2.57 |
| 26 | 3.77 | 2.77 |
| 27 | 4.41 | 2.99 |
| 28 | 4.67 | 3.21 |
| 29 | 4.82 | 3.44 |
| 30 | 4.77 | 3.67 |
| 31 | 4.82 | 3.92 |
| 32 | 4.82 | 4.17 |
| 33 | 4.82 | 4.43 |
| 34 | 4.88 | 4.70 |
| 35 | 5.19 | 4.98 |
| 36 | 5.24 | 5.26 |
| 37 | 5.42 | 5.55 |
| 38 | 5.90 | 5.85 |
| 39 | 5.90 | 6.16 |
| 40 | 5.90 | 6.48 |
| 41 | 5.98 | 6.80 |
| 42 | 6.53 | 7.13 |
| 43 | 6.56 | 7.47 |
| 44 | 6.56 | 7.82 |
| 45 | 6.61 | 8.18 |
| 46 | 6.77 | 8.54 |
| 47 | 7.55 | 8.91 |
| 48 | 7.56 | 9.29 |
| 49 | 7.64 | 9.68 |
| 50 | 7.64 | 10.07 |

Z = 92 N = 146 A = 238 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 7.64 | 10.48 |
| 52 | 7.71 | 10.89 |
| 53 | 7.89 | 11.31 |
| 54 | 8.09 | 11.73 |
| 55 | 8.30 | 12.17 |
| 56 | 8.39 | 12.61 |
| 57 | 8.51 | 13.06 |
| 58 | 8.69 | 13.52 |
| 59 | 9.11 | 13.98 |
| 60 | 9.11 | 14.46 |
| 61 | 9.19 | 14.94 |
| 62 | 9.39 | 15.43 |
| 63 | 9.87 | 15.93 |
| 64 | 9.87 | 16.43 |
| 65 | 9.87 | 16.95 |
| 66 | 9.98 | 17.47 |
| 67 | 10.19 | 18.00 |
| 68 | 10.39 | 18.54 |
| 69 | 10.65 | 19.08 |
| 70 | 11.06 | 19.63 |
| 71 | 11.07 | 20.20 |
| 72 | 11.07 | 20.76 |
| 73 | 11.18 | 21.34 |
| 74 | 11.44 | 21.93 |
| 75 | 11.86 | 22.52 |
| 76 | 11.96 | 23.12 |
| 77 | 11.97 | 23.73 |
| 78 | 12.08 | 24.34 |
| 79 | 12.47 | 24.97 |
| 80 | 12.64 | 25.60 |
| 81 | 12.76 | 26.24 |
| 82 | 12.95 | 26.89 |
| 83 | 13.40 | 27.54 |
| 84 | 13.51 | 28.21 |
| 85 | 14.19 | 28.88 |
| 86 | 14.37 | 29.56 |
| 87 | 14.48 | 30.25 |
| 88 | 14.67 | 30.94 |
| 89 | 15.24 | 31.64 |
| 90 | 15.24 | 32.36 |
| 91 | 15.99 | 33.07 |
| 92 | 16.31 | 33.80 |
| 93 | 16.51 | 34.54 |
| 94 | 16.96 | 35.28 |
| 95 | 17.07 | 36.03 |
| 96 | 17.83 | 36.79 |
| 97 | 18.69 | 37.55 |
| 98 | 18.79 | 38.33 |
| 99 | 19.55 | 39.11 |

Z = 93 N = 144 A = 237

| J | EJAY | EROT |
|------|------|-------|
| 0.5 | 1.63 | 0.00 |
| 1.5 | 1.63 | 0.01 |
| 2.5 | 1.63 | 0.03 |
| 3.5 | 0.12 | 0.06 |
| 4.5 | 1.63 | 0.10 |
| 5.5 | 1.63 | 0.14 |
| 6.5 | 0. | 0.19 |
| 7.5 | 1.63 | 0.25 |
| 8.5 | 1.63 | 0.32 |
| 9.5 | 1.63 | 0.40 |
| 10.5 | 1.63 | 0.48 |
| 11.5 | 1.63 | 0.57 |
| 12.5 | 1.63 | 0.67 |
| 13.5 | 1.63 | 0.78 |
| 14.5 | 1.63 | 0.89 |
| 15.5 | 1.63 | 1.02 |
| 16.5 | 1.63 | 1.15 |
| 17.5 | 1.87 | 1.29 |
| 18.5 | 1.87 | 1.44 |
| 19.5 | 1.87 | 1.59 |
| 20.5 | 1.87 | 1.75 |
| 21.5 | 3.01 | 1.92 |
| 22.5 | 3.01 | 2.10 |
| 23.5 | 3.01 | 2.29 |
| 24.5 | 3.01 | 2.49 |
| 25.5 | 3.46 | 2.69 |
| 26.5 | 3.46 | 2.90 |
| 27.5 | 3.46 | 3.12 |
| 28.5 | 3.46 | 3.34 |
| 29.5 | 3.46 | 3.58 |
| 30.5 | 3.46 | 3.82 |
| 31.5 | 3.52 | 4.07 |
| 32.5 | 4.75 | 4.33 |
| 33.5 | 4.75 | 4.60 |
| 34.5 | 4.75 | 4.87 |
| 35.5 | 4.75 | 5.15 |
| 36.5 | 4.75 | 5.45 |
| 37.5 | 4.83 | 5.74 |
| 38.5 | 4.83 | 6.05 |
| 39.5 | 4.83 | 6.36 |
| 40.5 | 4.92 | 6.69 |
| 41.5 | 5.16 | 7.02 |
| 42.5 | 5.79 | 7.36 |
| 43.5 | 5.79 | 7.70 |
| 44.5 | 5.90 | 8.06 |
| 45.5 | 5.90 | 8.42 |
| 46.5 | 5.90 | 8.79 |
| 47.5 | 6.01 | 9.17 |
| 48.5 | 6.47 | 9.55 |
| 49.5 | 6.47 | 9.94 |
| 50.5 | 6.55 | 10.35 |

Z = 93 N = 144 A = 237 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 7.42 | 10.76 |
| 52.5 | 7.42 | 11.17 |
| 53.5 | 7.42 | 11.60 |
| 54.5 | 7.54 | 12.03 |
| 55.5 | 7.54 | 12.48 |
| 56.5 | 7.54 | 12.92 |
| 57.5 | 7.65 | 13.38 |
| 58.5 | 7.92 | 13.85 |
| 59.5 | 8.42 | 14.32 |
| 60.5 | 8.62 | 14.80 |
| 61.5 | 8.80 | 15.29 |
| 62.5 | 8.91 | 15.79 |
| 63.5 | 8.91 | 16.29 |
| 64.5 | 8.91 | 16.81 |
| 65.5 | 9.02 | 17.33 |
| 66.5 | 9.73 | 17.86 |
| 67.5 | 9.73 | 18.40 |
| 68.5 | 9.81 | 18.94 |
| 69.5 | 10.01 | 19.49 |
| 70.5 | 10.01 | 20.05 |
| 71.5 | 10.12 | 20.62 |
| 72.5 | 10.54 | 21.20 |
| 73.5 | 10.80 | 21.78 |
| 74.5 | 10.80 | 22.38 |
| 75.5 | 10.91 | 22.98 |
| 76.5 | 11.11 | 23.59 |
| 77.5 | 11.51 | 24.20 |
| 78.5 | 11.67 | 24.83 |
| 79.5 | 11.78 | 25.46 |
| 80.5 | 12.34 | 26.10 |
| 81.5 | 12.54 | 26.75 |
| 82.5 | 12.64 | 27.41 |
| 83.5 | 12.83 | 28.07 |
| 84.5 | 13.24 | 28.74 |
| 85.5 | 13.50 | 29.42 |
| 86.5 | 13.50 | 30.11 |
| 87.5 | 14.07 | 30.81 |
| 88.5 | 14.26 | 31.51 |
| 89.5 | 14.67 | 32.22 |
| 90.5 | 15.08 | 32.94 |
| 91.5 | 15.23 | 33.67 |
| 92.5 | 15.34 | 34.41 |
| 93.5 | 15.91 | 35.15 |
| 94.5 | 16.10 | 35.90 |
| 95.5 | 17.07 | 36.66 |
| 96.5 | 17.07 | 37.43 |
| 97.5 | 17.63 | 38.21 |
| 98.5 | 17.83 | 38.99 |
| 99.5 | 18.80 | 39.78 |

Z = 94 N = 148 A = 242

| J | EJAY | EROT |
|----|------|------|
| 0 | 0. | 0. |
| 1 | 3.31 | 0.01 |
| 2 | 1.82 | 0.02 |
| 3 | 1.86 | 0.05 |
| 4 | 1.82 | 0.08 |
| 5 | 1.86 | 0.12 |
| 6 | 1.82 | 0.16 |
| 7 | 1.86 | 0.22 |
| 8 | 1.82 | 0.28 |
| 9 | 1.86 | 0.35 |
| 10 | 1.82 | 0.42 |
| 11 | 1.86 | 0.51 |
| 12 | 1.82 | 0.60 |
| 13 | 1.86 | 0.70 |
| 14 | 1.84 | 0.81 |
| 15 | 3.31 | 0.92 |
| 16 | 3.31 | 1.05 |
| 17 | 3.31 | 1.18 |
| 18 | 3.31 | 1.31 |
| 19 | 3.31 | 1.46 |
| 20 | 3.31 | 1.61 |
| 21 | 3.31 | 1.78 |
| 22 | 3.43 | 1.94 |
| 23 | 3.46 | 2.12 |
| 24 | 3.43 | 2.31 |
| 25 | 3.46 | 2.50 |
| 26 | 3.66 | 2.70 |
| 27 | 4.55 | 2.90 |
| 28 | 4.55 | 3.12 |
| 29 | 4.78 | 3.34 |
| 30 | 4.78 | 3.57 |
| 31 | 4.78 | 3.81 |
| 32 | 4.78 | 4.06 |
| 33 | 4.78 | 4.31 |
| 34 | 4.81 | 4.57 |
| 35 | 5.15 | 4.84 |
| 36 | 5.25 | 5.12 |
| 37 | 5.27 | 5.40 |
| 38 | 5.86 | 5.69 |
| 39 | 5.86 | 5.99 |
| 40 | 5.86 | 6.30 |
| 41 | 5.90 | 6.62 |
| 42 | 6.39 | 6.94 |
| 43 | 6.60 | 7.27 |
| 44 | 6.60 | 7.61 |
| 45 | 6.60 | 7.95 |
| 46 | 6.63 | 8.31 |
| 47 | 7.09 | 8.67 |
| 48 | 7.09 | 9.04 |
| 49 | 7.20 | 9.41 |
| 50 | 7.68 | 9.80 |

Z = 94 N = 148 A = 242 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 7.68 | 10.19 |
| 52 | 7.68 | 10.59 |
| 53 | 7.72 | 11.00 |
| 54 | 8.09 | 11.41 |
| 55 | 8.12 | 11.83 |
| 56 | 8.46 | 12.26 |
| 57 | 8.46 | 12.70 |
| 58 | 8.52 | 13.15 |
| 59 | 8.91 | 13.60 |
| 60 | 8.91 | 14.06 |
| 61 | 9.02 | 14.53 |
| 62 | 9.21 | 15.01 |
| 63 | 9.84 | 15.49 |
| 64 | 9.96 | 15.98 |
| 65 | 9.96 | 16.48 |
| 66 | 9.96 | 16.99 |
| 67 | 10.01 | 17.51 |
| 68 | 10.40 | 18.03 |
| 69 | 10.40 | 18.56 |
| 70 | 10.51 | 19.10 |
| 71 | 11.17 | 19.64 |
| 72 | 11.19 | 20.20 |
| 73 | 11.19 | 20.76 |
| 74 | 11.25 | 21.32 |
| 75 | 11.58 | 21.90 |
| 76 | 11.64 | 22.49 |
| 77 | 11.75 | 23.08 |
| 78 | 12.15 | 23.68 |
| 79 | 12.21 | 24.28 |
| 80 | 12.38 | 24.90 |
| 81 | 12.60 | 25.52 |
| 82 | 12.71 | 26.15 |
| 83 | 12.89 | 26.79 |
| 84 | 13.08 | 27.43 |
| 85 | 13.39 | 28.09 |
| 86 | 13.48 | 28.75 |
| 87 | 13.59 | 29.42 |
| 88 | 14.16 | 30.09 |
| 89 | 14.27 | 30.78 |
| 90 | 14.47 | 31.47 |
| 91 | 15.03 | 32.17 |
| 92 | 15.30 | 32.87 |
| 93 | 15.94 | 33.59 |
| 94 | 15.99 | 34.31 |
| 95 | 16.18 | 35.04 |
| 96 | 16.74 | 35.78 |
| 97 | 17.14 | 36.53 |
| 98 | 17.70 | 37.28 |
| 99 | 18.00 | 38.04 |

Z = 95 N = 148 A = 243

| J | EJAY | EROT |
|------|------|------|
| 0.5 | 1.79 | 0.00 |
| 1.5 | 1.67 | 0.01 |
| 2.5 | 1.67 | 0.03 |
| 3.5 | 0.09 | 0.06 |
| 4.5 | 1.67 | 0.09 |
| 5.5 | 1.67 | 0.14 |
| 6.5 | 0. | 0.19 |
| 7.5 | 1.67 | 0.24 |
| 8.5 | 1.67 | 0.31 |
| 9.5 | 1.67 | 0.38 |
| 10.5 | 1.67 | 0.46 |
| 11.5 | 1.67 | 0.55 |
| 12.5 | 1.67 | 0.64 |
| 13.5 | 1.67 | 0.75 |
| 14.5 | 1.67 | 0.86 |
| 15.5 | 1.79 | 0.98 |
| 16.5 | 1.67 | 1.10 |
| 17.5 | 1.84 | 1.24 |
| 18.5 | 1.84 | 1.38 |
| 19.5 | 1.84 | 1.53 |
| 20.5 | 1.84 | 1.68 |
| 21.5 | 3.05 | 1.85 |
| 22.5 | 3.05 | 2.02 |
| 23.5 | 3.05 | 2.20 |
| 24.5 | 3.05 | 2.38 |
| 25.5 | 3.42 | 2.58 |
| 26.5 | 3.42 | 2.78 |
| 27.5 | 3.42 | 2.99 |
| 28.5 | 3.42 | 3.21 |
| 29.5 | 3.42 | 3.43 |
| 30.5 | 3.42 | 3.67 |
| 31.5 | 3.44 | 3.91 |
| 32.5 | 4.76 | 4.15 |
| 33.5 | 4.76 | 4.41 |
| 34.5 | 4.76 | 4.67 |
| 35.5 | 4.76 | 4.94 |
| 36.5 | 4.76 | 5.22 |
| 37.5 | 4.76 | 5.51 |
| 38.5 | 4.76 | 5.80 |
| 39.5 | 4.76 | 6.10 |
| 40.5 | 4.79 | 6.41 |
| 41.5 | 5.11 | 6.73 |
| 42.5 | 5.84 | 7.05 |
| 43.5 | 5.84 | 7.39 |
| 44.5 | 5.84 | 7.73 |
| 45.5 | 5.84 | 8.07 |
| 46.5 | 5.84 | 8.43 |
| 47.5 | 5.88 | 8.79 |
| 48.5 | 6.44 | 9.16 |
| 49.5 | 6.44 | 9.54 |
| 50.5 | 6.47 | 9.92 |

Z = 95 N = 148 A = 243 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 6.62 | 10.32 |
| 52.5 | 6.67 | 10.72 |
| 53.5 | 7.06 | 11.13 |
| 54.5 | 7.06 | 11.54 |
| 55.5 | 7.17 | 11.97 |
| 56.5 | 7.51 | 12.40 |
| 57.5 | 7.55 | 12.84 |
| 58.5 | 7.84 | 13.28 |
| 59.5 | 8.29 | 13.74 |
| 60.5 | 8.29 | 14.20 |
| 61.5 | 8.29 | 14.67 |
| 62.5 | 8.35 | 15.14 |
| 63.5 | 8.73 | 15.63 |
| 64.5 | 8.73 | 16.12 |
| 65.5 | 8.85 | 16.62 |
| 66.5 | 9.67 | 17.13 |
| 67.5 | 9.67 | 17.64 |
| 68.5 | 9.67 | 18.17 |
| 69.5 | 9.67 | 18.70 |
| 70.5 | 9.72 | 19.24 |
| 71.5 | 10.04 | 19.78 |
| 72.5 | 10.11 | 20.33 |
| 73.5 | 10.22 | 20.90 |
| 74.5 | 10.78 | 21.46 |
| 75.5 | 10.78 | 22.04 |
| 76.5 | 10.84 | 22.62 |
| 77.5 | 10.99 | 23.22 |
| 78.5 | 11.23 | 23.81 |
| 79.5 | 11.34 | 24.42 |
| 80.5 | 11.49 | 25.04 |
| 81.5 | 11.80 | 25.66 |
| 82.5 | 11.86 | 26.29 |
| 83.5 | 12.17 | 26.92 |
| 84.5 | 12.25 | 27.57 |
| 85.5 | 12.36 | 28.22 |
| 86.5 | 12.71 | 28.88 |
| 87.5 | 12.90 | 29.55 |
| 88.5 | 13.02 | 30.23 |
| 89.5 | 13.21 | 30.91 |
| 90.5 | 13.78 | 31.60 |
| 91.5 | 13.89 | 32.30 |
| 92.5 | 14.65 | 33.00 |
| 93.5 | 14.73 | 33.72 |
| 94.5 | 14.92 | 34.44 |
| 95.5 | 15.60 | 35.17 |
| 96.5 | 15.60 | 35.90 |
| 97.5 | 16.36 | 36.65 |
| 98.5 | 16.56 | 37.40 |
| 99.5 | 17.32 | 38.16 |

Z = 96 N = 152 A = 248

| J | EJAY | EROT |
|----|------|------|
| 0 | 0. | 0. |
| 1 | 3.33 | 0.01 |
| 2 | 1.72 | 0.02 |
| 3 | 1.81 | 0.04 |
| 4 | 1.72 | 0.07 |
| 5 | 1.81 | 0.11 |
| 6 | 1.72 | 0.15 |
| 7 | 1.81 | 0.21 |
| 8 | 1.72 | 0.27 |
| 9 | 1.81 | 0.33 |
| 10 | 1.72 | 0.41 |
| 11 | 1.83 | 0.49 |
| 12 | 1.72 | 0.58 |
| 13 | 1.83 | 0.67 |
| 14 | 3.22 | 0.77 |
| 15 | 3.22 | 0.89 |
| 16 | 3.22 | 1.00 |
| 17 | 3.22 | 1.13 |
| 18 | 3.22 | 1.26 |
| 19 | 3.33 | 1.40 |
| 20 | 3.22 | 1.55 |
| 21 | 3.41 | 1.70 |
| 22 | 3.43 | 1.87 |
| 23 | 3.43 | 2.04 |
| 24 | 3.43 | 2.21 |
| 25 | 3.56 | 2.40 |
| 26 | 4.45 | 2.59 |
| 27 | 4.45 | 2.79 |
| 28 | 4.59 | 3.00 |
| 29 | 4.75 | 3.21 |
| 30 | 4.75 | 3.43 |
| 31 | 4.77 | 3.66 |
| 32 | 4.77 | 3.90 |
| 33 | 4.77 | 4.14 |
| 34 | 5.15 | 4.39 |
| 35 | 5.15 | 4.65 |
| 36 | 5.15 | 4.91 |
| 37 | 5.82 | 5.19 |
| 38 | 5.85 | 5.47 |
| 39 | 5.85 | 5.75 |
| 40 | 5.85 | 6.05 |
| 41 | 6.42 | 6.35 |
| 42 | 6.48 | 6.66 |
| 43 | 6.49 | 6.98 |
| 44 | 6.49 | 7.30 |
| 45 | 6.49 | 7.64 |
| 46 | 7.08 | 7.97 |
| 47 | 7.08 | 8.32 |
| 48 | 7.08 | 8.68 |
| 49 | 7.55 | 9.04 |
| 50 | 7.57 | 9.41 |

Z = 96 N = 152 A = 248 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 7.57 | 9.78 |
| 52 | 7.57 | 10.17 |
| 53 | 7.99 | 10.56 |
| 54 | 8.32 | 10.96 |
| 55 | 8.36 | 11.36 |
| 56 | 8.36 | 11.77 |
| 57 | 8.36 | 12.19 |
| 58 | 8.81 | 12.62 |
| 59 | 8.81 | 13.06 |
| 60 | 8.81 | 13.50 |
| 61 | 9.36 | 13.95 |
| 62 | 9.58 | 14.41 |
| 63 | 9.86 | 14.87 |
| 64 | 9.86 | 15.34 |
| 65 | 9.86 | 15.82 |
| 66 | 10.30 | 16.31 |
| 67 | 10.30 | 16.81 |
| 68 | 10.30 | 17.31 |
| 69 | 11.05 | 17.82 |
| 70 | 11.06 | 18.33 |
| 71 | 11.06 | 18.86 |
| 72 | 11.09 | 19.39 |
| 73 | 11.23 | 19.93 |
| 74 | 11.43 | 20.47 |
| 75 | 11.54 | 21.03 |
| 76 | 11.67 | 21.59 |
| 77 | 12.06 | 22.15 |
| 78 | 12.14 | 22.73 |
| 79 | 12.22 | 23.31 |
| 80 | 12.50 | 23.90 |
| 81 | 12.67 | 24.50 |
| 82 | 12.67 | 25.10 |
| 83 | 12.93 | 25.72 |
| 84 | 13.14 | 26.34 |
| 85 | 13.38 | 26.96 |
| 86 | 13.38 | 27.60 |
| 87 | 13.59 | 28.24 |
| 88 | 14.05 | 28.89 |
| 89 | 14.25 | 29.55 |
| 90 | 14.25 | 30.21 |
| 91 | 14.66 | 30.88 |
| 92 | 15.01 | 31.56 |
| 93 | 15.32 | 32.25 |
| 94 | 15.32 | 32.94 |
| 95 | 16.00 | 33.64 |
| 96 | 16.19 | 34.35 |
| 97 | 17.04 | 35.06 |
| 98 | 17.27 | 35.79 |
| 99 | 18.10 | 36.52 |

Z = 97 N = 150 A = 247

| J | EJAY | EROT |
|------|------|------|
| 0.5 | 1.68 | 0.00 |
| 1.5 | 1.59 | 0.01 |
| 2.5 | 1.59 | 0.03 |
| 3.5 | 0.07 | 0.06 |
| 4.5 | 1.59 | 0.09 |
| 5.5 | 1.59 | 0.13 |
| 6.5 | 0. | 0.18 |
| 7.5 | 1.59 | 0.24 |
| 8.5 | 1.59 | 0.30 |
| 9.5 | 1.59 | 0.37 |
| 10.5 | 1.59 | 0.45 |
| 11.5 | 1.59 | 0.53 |
| 12.5 | 1.59 | 0.63 |
| 13.5 | 1.59 | 0.73 |
| 14.5 | 1.59 | 0.83 |
| 15.5 | 1.68 | 0.95 |
| 16.5 | 1.59 | 1.07 |
| 17.5 | 1.83 | 1.20 |
| 18.5 | 1.83 | 1.34 |
| 19.5 | 1.83 | 1.48 |
| 20.5 | 1.83 | 1.64 |
| 21.5 | 3.05 | 1.80 |
| 22.5 | 2.94 | 1.96 |
| 23.5 | 3.05 | 2.14 |
| 24.5 | 3.42 | 2.32 |
| 25.5 | 3.42 | 2.51 |
| 26.5 | 3.42 | 2.71 |
| 27.5 | 3.42 | 2.91 |
| 28.5 | 3.42 | 3.12 |
| 29.5 | 3.42 | 3.34 |
| 30.5 | 3.42 | 3.57 |
| 31.5 | 3.42 | 3.80 |
| 32.5 | 4.75 | 4.04 |
| 33.5 | 4.75 | 4.29 |
| 34.5 | 4.75 | 4.55 |
| 35.5 | 4.75 | 4.81 |
| 36.5 | 4.75 | 5.08 |
| 37.5 | 4.75 | 5.36 |
| 38.5 | 4.75 | 5.65 |
| 39.5 | 4.75 | 5.94 |
| 40.5 | 4.75 | 6.24 |
| 41.5 | 5.01 | 6.55 |
| 42.5 | 5.83 | 6.87 |
| 43.5 | 5.83 | 7.19 |
| 44.5 | 5.83 | 7.52 |
| 45.5 | 5.83 | 7.86 |
| 46.5 | 5.83 | 8.20 |
| 47.5 | 5.83 | 8.56 |
| 48.5 | 6.34 | 8.92 |
| 49.5 | 6.34 | 9.28 |
| 50.5 | 6.34 | 9.66 |

Z = 97 N = 150 A = 247 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 6.63 | 10.04 |
| 52.5 | 6.63 | 10.43 |
| 53.5 | 7.14 | 10.83 |
| 54.5 | 7.14 | 11.23 |
| 55.5 | 7.14 | 11.64 |
| 56.5 | 7.37 | 12.06 |
| 57.5 | 7.42 | 12.49 |
| 58.5 | 8.22 | 12.93 |
| 59.5 | 8.22 | 13.37 |
| 60.5 | 8.22 | 13.82 |
| 61.5 | 8.22 | 14.27 |
| 62.5 | 8.22 | 14.74 |
| 63.5 | 8.73 | 15.21 |
| 64.5 | 8.73 | 15.69 |
| 65.5 | 8.73 | 16.18 |
| 66.5 | 8.96 | 16.67 |
| 67.5 | 9.56 | 17.17 |
| 68.5 | 9.56 | 17.68 |
| 69.5 | 9.68 | 18.20 |
| 70.5 | 9.99 | 18.72 |
| 71.5 | 10.02 | 19.25 |
| 72.5 | 10.19 | 19.79 |
| 73.5 | 10.43 | 20.33 |
| 74.5 | 10.65 | 20.89 |
| 75.5 | 10.82 | 21.45 |
| 76.5 | 10.82 | 22.02 |
| 77.5 | 11.06 | 22.59 |
| 78.5 | 11.33 | 23.18 |
| 79.5 | 11.33 | 23.77 |
| 80.5 | 11.56 | 24.36 |
| 81.5 | 11.68 | 24.97 |
| 82.5 | 11.86 | 25.58 |
| 83.5 | 12.20 | 26.20 |
| 84.5 | 12.20 | 26.83 |
| 85.5 | 12.38 | 27.46 |
| 86.5 | 12.52 | 28.11 |
| 87.5 | 12.85 | 28.76 |
| 88.5 | 13.04 | 29.41 |
| 89.5 | 13.04 | 30.08 |
| 90.5 | 13.27 | 30.75 |
| 91.5 | 13.72 | 31.43 |
| 92.5 | 13.91 | 32.12 |
| 93.5 | 14.14 | 32.81 |
| 94.5 | 14.80 | 33.51 |
| 95.5 | 14.99 | 34.22 |
| 96.5 | 15.67 | 34.94 |
| 97.5 | 15.93 | 35.66 |
| 98.5 | 16.61 | 36.40 |
| 99.5 | 16.61 | 37.13 |

Z = 98 N = 151 A = 249

| J | EJAY | EROT |
|------|------|------|
| 0.5 | 1.68 | 0.00 |
| 1.5 | 1.68 | 0.01 |
| 2.5 | 0.39 | 0.03 |
| 3.5 | 1.30 | 0.06 |
| 4.5 | 1.68 | 0.09 |
| 5.5 | 0. | 0.13 |
| 6.5 | 1.68 | 0.18 |
| 7.5 | 0. | 0.23 |
| 8.5 | 1.68 | 0.30 |
| 9.5 | 1.68 | 0.37 |
| 10.5 | 1.68 | 0.44 |
| 11.5 | 1.68 | 0.53 |
| 12.5 | 1.68 | 0.62 |
| 13.5 | 1.68 | 0.72 |
| 14.5 | 1.68 | 0.82 |
| 15.5 | 1.68 | 0.94 |
| 16.5 | 1.68 | 1.06 |
| 17.5 | 1.68 | 1.19 |
| 18.5 | 1.69 | 1.32 |
| 19.5 | 1.69 | 1.46 |
| 20.5 | 3.11 | 1.61 |
| 21.5 | 3.11 | 1.77 |
| 22.5 | 3.11 | 1.94 |
| 23.5 | 3.11 | 2.11 |
| 24.5 | 3.11 | 2.29 |
| 25.5 | 3.11 | 2.48 |
| 26.5 | 3.12 | 2.67 |
| 27.5 | 3.12 | 2.87 |
| 28.5 | 3.16 | 3.08 |
| 29.5 | 3.16 | 3.30 |
| 30.5 | 3.39 | 3.52 |
| 31.5 | 3.39 | 3.75 |
| 32.5 | 4.36 | 3.99 |
| 33.5 | 4.36 | 4.23 |
| 34.5 | 4.36 | 4.49 |
| 35.5 | 4.36 | 4.75 |
| 36.5 | 4.37 | 5.02 |
| 37.5 | 4.37 | 5.29 |
| 38.5 | 4.82 | 5.57 |
| 39.5 | 4.82 | 5.86 |
| 40.5 | 4.85 | 6.16 |
| 41.5 | 4.85 | 6.46 |
| 42.5 | 5.30 | 6.77 |
| 43.5 | 5.30 | 7.09 |
| 44.5 | 5.93 | 7.42 |
| 45.5 | 5.93 | 7.75 |
| 46.5 | 5.95 | 8.09 |
| 47.5 | 5.95 | 8.44 |
| 48.5 | 6.05 | 8.80 |
| 49.5 | 6.05 | 9.16 |
| 50.5 | 6.97 | 9.53 |

Z = 98 N = 151 A = 249 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 6.97 | 9.91 |
| 52.5 | 6.97 | 10.29 |
| 53.5 | 6.97 | 10.68 |
| 54.5 | 6.99 | 11.08 |
| 55.5 | 6.99 | 11.49 |
| 56.5 | 7.48 | 11.90 |
| 57.5 | 7.48 | 12.32 |
| 58.5 | 7.63 | 12.75 |
| 59.5 | 7.63 | 13.19 |
| 60.5 | 7.96 | 13.63 |
| 61.5 | 7.96 | 14.08 |
| 62.5 | 8.42 | 14.54 |
| 63.5 | 8.42 | 15.01 |
| 64.5 | 9.03 | 15.48 |
| 65.5 | 9.05 | 15.96 |
| 66.5 | 9.06 | 16.45 |
| 67.5 | 9.06 | 16.94 |
| 68.5 | 9.39 | 17.44 |
| 69.5 | 9.39 | 17.95 |
| 70.5 | 9.91 | 18.47 |
| 71.5 | 10.22 | 18.99 |
| 72.5 | 10.34 | 19.52 |
| 73.5 | 10.34 | 20.06 |
| 74.5 | 10.66 | 20.61 |
| 75.5 | 10.66 | 21.16 |
| 76.5 | 10.84 | 21.72 |
| 77.5 | 11.32 | 22.29 |
| 78.5 | 11.32 | 22.87 |
| 79.5 | 11.34 | 23.45 |
| 80.5 | 11.49 | 24.04 |
| 81.5 | 11.60 | 24.64 |
| 82.5 | 11.82 | 25.24 |
| 83.5 | 12.03 | 25.85 |
| 84.5 | 12.24 | 26.47 |
| 85.5 | 12.24 | 27.10 |
| 86.5 | 12.57 | 27.73 |
| 87.5 | 12.57 | 28.37 |
| 88.5 | 12.90 | 29.02 |
| 89.5 | 13.09 | 29.68 |
| 90.5 | 13.23 | 30.34 |
| 91.5 | 13.42 | 31.01 |
| 92.5 | 14.07 | 31.69 |
| 93.5 | 14.10 | 32.37 |
| 94.5 | 14.49 | 33.07 |
| 95.5 | 14.94 | 33.77 |
| 96.5 | 15.17 | 34.47 |
| 97.5 | 16.01 | 35.19 |
| 98.5 | 16.88 | 35.91 |
| 99.5 | 16.95 | 36.64 |

Z = 99 N = 155 A = 254

| J | EJAY | EROT |
|----|------|------|
| 0 | 1.14 | 0. |
| 1 | 0. | 0.01 |
| 2 | 0. | 0.02 |
| 3 | 0. | 0.04 |
| 4 | 0. | 0.07 |
| 5 | 0. | 0.11 |
| 6 | 0. | 0.15 |
| 7 | 0. | 0.20 |
| 8 | 0. | 0.26 |
| 9 | 0. | 0.32 |
| 10 | 0. | 0.39 |
| 11 | 0. | 0.47 |
| 12 | 0. | 0.55 |
| 13 | 1.51 | 0.65 |
| 14 | 1.51 | 0.74 |
| 15 | 1.51 | 0.85 |
| 16 | 1.51 | 0.96 |
| 17 | 1.51 | 1.08 |
| 18 | 1.51 | 1.21 |
| 19 | 1.51 | 1.35 |
| 20 | 1.51 | 1.49 |
| 21 | 1.51 | 1.64 |
| 22 | 1.51 | 1.79 |
| 23 | 2.76 | 1.96 |
| 24 | 2.76 | 2.13 |
| 25 | 2.76 | 2.30 |
| 26 | 2.76 | 2.49 |
| 27 | 2.76 | 2.68 |
| 28 | 2.76 | 2.88 |
| 29 | 2.84 | 3.08 |
| 30 | 3.12 | 3.30 |
| 31 | 3.82 | 3.52 |
| 32 | 3.82 | 3.74 |
| 33 | 3.82 | 3.98 |
| 34 | 3.95 | 4.22 |
| 35 | 4.32 | 4.47 |
| 36 | 4.32 | 4.72 |
| 37 | 4.32 | 4.98 |
| 38 | 4.32 | 5.25 |
| 39 | 4.64 | 5.53 |
| 40 | 4.64 | 5.81 |
| 41 | 5.21 | 6.10 |
| 42 | 5.21 | 6.40 |
| 43 | 5.21 | 6.71 |
| 44 | 5.21 | 7.02 |
| 45 | 5.62 | 7.34 |
| 46 | 5.62 | 7.66 |
| 47 | 5.83 | 8.00 |
| 48 | 5.83 | 8.34 |
| 49 | 6.16 | 8.68 |
| 50 | 6.27 | 9.04 |

Z = 99 N = 155 A = 254 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 6.27 | 9.40 |
| 52 | 6.73 | 9.77 |
| 53 | 6.73 | 10.14 |
| 54 | 6.73 | 10.53 |
| 55 | 7.13 | 10.92 |
| 56 | 7.13 | 11.31 |
| 57 | 7.78 | 11.72 |
| 58 | 7.78 | 12.13 |
| 59 | 7.78 | 12.55 |
| 60 | 7.78 | 12.97 |
| 61 | 7.78 | 13.41 |
| 62 | 8.37 | 13.85 |
| 63 | 8.46 | 14.29 |
| 64 | 8.85 | 14.75 |
| 65 | 8.85 | 15.21 |
| 66 | 8.85 | 15.67 |
| 67 | 9.03 | 16.15 |
| 68 | 9.11 | 16.63 |
| 69 | 9.69 | 17.12 |
| 70 | 9.78 | 17.62 |
| 71 | 9.97 | 18.12 |
| 72 | 10.03 | 18.63 |
| 73 | 10.17 | 19.15 |
| 74 | 10.43 | 19.67 |
| 75 | 10.67 | 20.20 |
| 76 | 10.67 | 20.74 |
| 77 | 10.86 | 21.29 |
| 78 | 11.08 | 21.84 |
| 79 | 11.08 | 22.40 |
| 80 | 11.53 | 22.97 |
| 81 | 11.73 | 23.54 |
| 82 | 11.73 | 24.12 |
| 83 | 11.73 | 24.71 |
| 84 | 11.92 | 25.31 |
| 85 | 12.51 | 25.91 |
| 86 | 12.59 | 26.52 |
| 87 | 12.59 | 27.14 |
| 88 | 12.80 | 27.76 |
| 89 | 12.99 | 28.39 |
| 90 | 13.66 | 29.03 |
| 91 | 13.66 | 29.68 |
| 92 | 13.66 | 30.33 |
| 93 | 14.52 | 30.99 |
| 94 | 14.52 | 31.65 |
| 95 | 14.73 | 32.33 |
| 96 | 15.58 | 33.01 |
| 97 | 15.59 | 33.69 |
| 98 | 15.79 | 34.39 |
| 99 | 16.65 | 35.09 |

Z = 100

N = 153

A = 253

| J | EJAY | EROT |
|------|------|------|
| 0.5 | 1.62 | 0.00 |
| 1.5 | 1.64 | 0.01 |
| 2.5 | 0.32 | 0.03 |
| 3.5 | 1.20 | 0.06 |
| 4.5 | 1.64 | 0.09 |
| 5.5 | 0. | 0.13 |
| 6.5 | 1.64 | 0.17 |
| 7.5 | 1.64 | 0.23 |
| 8.5 | 1.64 | 0.29 |
| 9.5 | 1.64 | 0.36 |
| 10.5 | 1.64 | 0.43 |
| 11.5 | 1.64 | 0.51 |
| 12.5 | 1.64 | 0.60 |
| 13.5 | 1.64 | 0.70 |
| 14.5 | 1.64 | 0.80 |
| 15.5 | 1.64 | 0.91 |
| 16.5 | 1.64 | 1.03 |
| 17.5 | 1.64 | 1.16 |
| 18.5 | 3.02 | 1.29 |
| 19.5 | 3.02 | 1.43 |
| 20.5 | 3.02 | 1.57 |
| 21.5 | 3.02 | 1.73 |
| 22.5 | 3.02 | 1.89 |
| 23.5 | 3.02 | 2.05 |
| 24.5 | 3.02 | 2.23 |
| 25.5 | 3.02 | 2.41 |
| 26.5 | 3.13 | 2.60 |
| 27.5 | 3.13 | 2.80 |
| 28.5 | 3.33 | 3.00 |
| 29.5 | 3.33 | 3.21 |
| 30.5 | 4.17 | 3.43 |
| 31.5 | 4.17 | 3.65 |
| 32.5 | 4.33 | 3.88 |
| 33.5 | 4.33 | 4.12 |
| 34.5 | 4.33 | 4.37 |
| 35.5 | 4.33 | 4.62 |
| 36.5 | 4.71 | 4.88 |
| 37.5 | 4.71 | 5.15 |
| 38.5 | 4.77 | 5.43 |
| 39.5 | 4.77 | 5.71 |
| 40.5 | 5.24 | 6.00 |
| 41.5 | 5.24 | 6.29 |
| 42.5 | 5.76 | 6.60 |
| 43.5 | 5.81 | 6.91 |
| 44.5 | 5.81 | 7.22 |
| 45.5 | 5.81 | 7.55 |
| 46.5 | 5.97 | 7.88 |
| 47.5 | 5.97 | 8.22 |
| 48.5 | 6.83 | 8.57 |
| 49.5 | 6.83 | 8.92 |
| 50.5 | 6.88 | 9.28 |

Z = 100 N = 153 A = 253 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 6.88 | 9.65 |
| 52.5 | 6.88 | 10.02 |
| 53.5 | 6.88 | 10.40 |
| 54.5 | 7.35 | 10.79 |
| 55.5 | 7.35 | 11.19 |
| 56.5 | 7.45 | 11.59 |
| 57.5 | 7.45 | 12.00 |
| 58.5 | 8.11 | 12.42 |
| 59.5 | 8.11 | 12.84 |
| 60.5 | 8.26 | 13.28 |
| 61.5 | 8.26 | 13.71 |
| 62.5 | 8.52 | 14.16 |
| 63.5 | 8.83 | 14.61 |
| 64.5 | 8.83 | 15.07 |
| 65.5 | 8.83 | 15.54 |
| 66.5 | 9.41 | 16.02 |
| 67.5 | 9.41 | 16.50 |
| 68.5 | 9.90 | 16.99 |
| 69.5 | 9.90 | 17.48 |
| 70.5 | 9.90 | 17.99 |
| 71.5 | 9.98 | 18.50 |
| 72.5 | 10.65 | 19.01 |
| 73.5 | 10.65 | 19.54 |
| 74.5 | 10.88 | 20.07 |
| 75.5 | 10.88 | 20.61 |
| 76.5 | 11.00 | 21.15 |
| 77.5 | 11.21 | 21.71 |
| 78.5 | 11.58 | 22.27 |
| 79.5 | 11.58 | 22.83 |
| 80.5 | 11.58 | 23.41 |
| 81.5 | 11.79 | 23.99 |
| 82.5 | 12.24 | 24.58 |
| 83.5 | 12.44 | 25.17 |
| 84.5 | 12.44 | 25.78 |
| 85.5 | 12.44 | 26.39 |
| 86.5 | 12.85 | 27.00 |
| 87.5 | 13.10 | 27.63 |
| 88.5 | 13.30 | 28.26 |
| 89.5 | 13.51 | 28.90 |
| 90.5 | 13.51 | 29.55 |
| 91.5 | 14.29 | 30.20 |
| 92.5 | 14.37 | 30.86 |
| 93.5 | 14.37 | 31.53 |
| 94.5 | 15.15 | 32.20 |
| 95.5 | 15.44 | 32.88 |
| 96.5 | 15.44 | 33.57 |
| 97.5 | 16.50 | 34.27 |
| 98.5 | 16.50 | 34.97 |
| 99.5 | 17.34 | 35.68 |

Z = 100

N = 157

A = 257

| J | EJAY | EROT |
|------|------|------|
| 0.5 | 1.39 | 0.00 |
| 1.5 | 1.61 | 0.01 |
| 2.5 | 0.14 | 0.03 |
| 3.5 | 0.98 | 0.05 |
| 4.5 | 1.61 | 0.09 |
| 5.5 | 0. | 0.12 |
| 6.5 | 1.61 | 0.17 |
| 7.5 | 1.61 | 0.22 |
| 8.5 | 1.61 | 0.28 |
| 9.5 | 1.61 | 0.35 |
| 10.5 | 1.61 | 0.42 |
| 11.5 | 1.61 | 0.50 |
| 12.5 | 1.61 | 0.59 |
| 13.5 | 1.61 | 0.68 |
| 14.5 | 1.61 | 0.78 |
| 15.5 | 1.61 | 0.89 |
| 16.5 | 1.61 | 1.00 |
| 17.5 | 1.61 | 1.13 |
| 18.5 | 2.97 | 1.25 |
| 19.5 | 2.97 | 1.39 |
| 20.5 | 2.97 | 1.53 |
| 21.5 | 2.97 | 1.68 |
| 22.5 | 2.97 | 1.84 |
| 23.5 | 2.97 | 2.00 |
| 24.5 | 2.97 | 2.17 |
| 25.5 | 2.97 | 2.35 |
| 26.5 | 4.04 | 2.53 |
| 27.5 | 4.04 | 2.72 |
| 28.5 | 4.04 | 2.92 |
| 29.5 | 4.04 | 3.13 |
| 30.5 | 4.10 | 3.34 |
| 31.5 | 4.10 | 3.56 |
| 32.5 | 4.64 | 3.78 |
| 33.5 | 4.64 | 4.02 |
| 34.5 | 4.99 | 4.26 |
| 35.5 | 4.99 | 4.50 |
| 36.5 | 5.67 | 4.76 |
| 37.5 | 5.67 | 5.02 |
| 38.5 | 5.67 | 5.29 |
| 39.5 | 5.67 | 5.56 |
| 40.5 | 5.67 | 5.84 |
| 41.5 | 5.88 | 6.13 |
| 42.5 | 6.53 | 6.43 |
| 43.5 | 6.53 | 6.73 |
| 44.5 | 6.53 | 7.04 |
| 45.5 | 6.53 | 7.35 |
| 46.5 | 7.01 | 7.68 |
| 47.5 | 7.34 | 8.01 |
| 48.5 | 7.34 | 8.34 |
| 49.5 | 7.55 | 8.69 |
| 50.5 | 8.07 | 9.04 |

Z = 100 N = 157 A = 257 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 8.07 | 9.40 |
| 52.5 | 8.07 | 9.76 |
| 53.5 | 8.07 | 10.13 |
| 54.5 | 8.36 | 10.51 |
| 55.5 | 8.72 | 10.90 |
| 56.5 | 9.05 | 11.29 |
| 57.5 | 9.13 | 11.69 |
| 58.5 | 9.13 | 12.10 |
| 59.5 | 9.43 | 12.51 |
| 60.5 | 9.43 | 12.93 |
| 61.5 | 9.43 | 13.36 |
| 62.5 | 10.14 | 13.79 |
| 63.5 | 10.35 | 14.24 |
| 64.5 | 10.38 | 14.68 |
| 65.5 | 10.49 | 15.14 |
| 66.5 | 10.49 | 15.60 |
| 67.5 | 10.56 | 16.07 |
| 68.5 | 11.07 | 16.55 |
| 69.5 | 11.07 | 17.03 |
| 70.5 | 11.27 | 17.52 |
| 71.5 | 11.45 | 18.02 |
| 72.5 | 11.62 | 18.52 |
| 73.5 | 11.92 | 19.03 |
| 74.5 | 11.92 | 19.55 |
| 75.5 | 12.13 | 20.08 |
| 76.5 | 12.13 | 20.61 |
| 77.5 | 12.34 | 21.15 |
| 78.5 | 12.99 | 21.69 |
| 79.5 | 12.99 | 22.24 |
| 80.5 | 12.99 | 22.80 |
| 81.5 | 12.99 | 23.37 |
| 82.5 | 13.40 | 23.94 |
| 83.5 | 13.85 | 24.52 |
| 84.5 | 13.85 | 25.11 |
| 85.5 | 14.05 | 25.71 |
| 86.5 | 14.05 | 26.31 |
| 87.5 | 14.91 | 26.92 |
| 88.5 | 14.91 | 27.53 |
| 89.5 | 14.91 | 28.15 |
| 90.5 | 15.96 | 28.78 |
| 91.5 | 15.96 | 29.42 |
| 92.5 | 15.96 | 30.06 |
| 93.5 | 16.17 | 30.71 |
| 94.5 | 17.02 | 31.37 |
| 95.5 | 17.02 | 32.03 |
| 96.5 | 17.02 | 32.70 |
| 97.5 | 18.08 | 33.38 |
| 98.5 | 18.08 | 34.07 |
| 99.5 | 19.14 | 34.76 |

Z = 101

N = 157

A = 258

| J | EJAY | EROT |
|----|------|------|
| 0 | 0.99 | 0. |
| 1 | 0. | 0.01 |
| 2 | 0. | 0.02 |
| 3 | 0. | 0.04 |
| 4 | 0. | 0.07 |
| 5 | 0. | 0.10 |
| 6 | 0. | 0.15 |
| 7 | 0. | 0.19 |
| 8 | 0. | 0.25 |
| 9 | 0. | 0.31 |
| 10 | 0. | 0.38 |
| 11 | 0. | 0.46 |
| 12 | 0. | 0.54 |
| 13 | 1.48 | 0.63 |
| 14 | 1.48 | 0.73 |
| 15 | 1.48 | 0.83 |
| 16 | 1.48 | 0.94 |
| 17 | 1.48 | 1.06 |
| 18 | 1.48 | 1.18 |
| 19 | 1.48 | 1.31 |
| 20 | 1.48 | 1.45 |
| 21 | 1.48 | 1.60 |
| 22 | 1.48 | 1.75 |
| 23 | 2.69 | 1.91 |
| 24 | 2.69 | 2.07 |
| 25 | 2.69 | 2.24 |
| 26 | 2.69 | 2.42 |
| 27 | 2.69 | 2.61 |
| 28 | 2.69 | 2.80 |
| 29 | 2.71 | 3.00 |
| 30 | 3.14 | 3.21 |
| 31 | 3.63 | 3.43 |
| 32 | 3.63 | 3.65 |
| 33 | 3.63 | 3.87 |
| 34 | 3.69 | 4.11 |
| 35 | 4.20 | 4.35 |
| 36 | 4.20 | 4.60 |
| 37 | 4.37 | 4.86 |
| 38 | 5.05 | 5.12 |
| 39 | 5.05 | 5.39 |
| 40 | 5.05 | 5.66 |
| 41 | 5.05 | 5.95 |
| 42 | 5.05 | 6.24 |
| 43 | 5.86 | 6.53 |
| 44 | 5.86 | 6.84 |
| 45 | 5.91 | 7.15 |
| 46 | 5.91 | 7.47 |
| 47 | 6.43 | 7.79 |
| 48 | 6.43 | 8.12 |
| 49 | 6.71 | 8.46 |
| 50 | 6.71 | 8.81 |

Z = 101 N = 157 A = 258 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 6.85 | 9.16 |
| 52 | 7.21 | 9.52 |
| 53 | 7.49 | 9.88 |
| 54 | 7.57 | 10.26 |
| 55 | 7.91 | 10.64 |
| 56 | 7.91 | 11.02 |
| 57 | 7.91 | 11.42 |
| 58 | 7.91 | 11.82 |
| 59 | 8.44 | 12.23 |
| 60 | 8.96 | 12.64 |
| 61 | 8.97 | 13.06 |
| 62 | 8.97 | 13.49 |
| 63 | 8.97 | 13.92 |
| 64 | 9.12 | 14.37 |
| 65 | 9.15 | 14.82 |
| 66 | 9.78 | 15.27 |
| 67 | 10.06 | 15.73 |
| 68 | 10.06 | 16.20 |
| 69 | 10.06 | 16.68 |
| 70 | 10.12 | 17.16 |
| 71 | 10.42 | 17.65 |
| 72 | 10.64 | 18.15 |
| 73 | 10.84 | 18.66 |
| 74 | 11.12 | 19.17 |
| 75 | 11.18 | 19.68 |
| 76 | 11.48 | 20.21 |
| 77 | 11.48 | 20.74 |
| 78 | 11.48 | 21.28 |
| 79 | 12.34 | 21.83 |
| 80 | 12.34 | 22.38 |
| 81 | 12.34 | 22.94 |
| 82 | 12.34 | 23.50 |
| 83 | 12.54 | 24.08 |
| 84 | 13.39 | 24.66 |
| 85 | 13.40 | 25.24 |
| 86 | 13.40 | 25.84 |
| 87 | 13.40 | 26.44 |
| 88 | 14.45 | 27.05 |
| 89 | 14.45 | 27.66 |
| 90 | 14.45 | 28.28 |
| 91 | 15.51 | 28.91 |
| 92 | 15.51 | 29.55 |
| 93 | 15.51 | 30.19 |
| 94 | 15.51 | 30.84 |
| 95 | 16.57 | 31.50 |
| 96 | 16.57 | 32.16 |
| 97 | 17.63 | 32.83 |
| 98 | 17.63 | 33.51 |
| 99 | 17.63 | 34.19 |

Z = 102

N = 153

A = 255

| J | EJAY | EROT |
|------|------|------|
| 0.5 | 1.62 | 0.00 |
| 1.5 | 1.62 | 0.01 |
| 2.5 | 0.32 | 0.03 |
| 3.5 | 1.20 | 0.06 |
| 4.5 | 1.62 | 0.09 |
| 5.5 | 0. | 0.13 |
| 6.5 | 1.62 | 0.17 |
| 7.5 | 1.62 | 0.22 |
| 8.5 | 1.62 | 0.28 |
| 9.5 | 1.62 | 0.35 |
| 10.5 | 1.62 | 0.43 |
| 11.5 | 1.62 | 0.51 |
| 12.5 | 1.62 | 0.59 |
| 13.5 | 1.62 | 0.69 |
| 14.5 | 1.62 | 0.79 |
| 15.5 | 1.62 | 0.90 |
| 16.5 | 1.62 | 1.02 |
| 17.5 | 1.62 | 1.14 |
| 18.5 | 2.99 | 1.27 |
| 19.5 | 2.99 | 1.41 |
| 20.5 | 2.99 | 1.55 |
| 21.5 | 2.99 | 1.70 |
| 22.5 | 2.99 | 1.86 |
| 23.5 | 2.99 | 2.03 |
| 24.5 | 2.99 | 2.20 |
| 25.5 | 2.99 | 2.38 |
| 26.5 | 3.11 | 2.57 |
| 27.5 | 3.11 | 2.76 |
| 28.5 | 3.30 | 2.96 |
| 29.5 | 3.30 | 3.17 |
| 30.5 | 4.07 | 3.38 |
| 31.5 | 4.07 | 3.61 |
| 32.5 | 4.29 | 3.83 |
| 33.5 | 4.29 | 4.07 |
| 34.5 | 4.29 | 4.31 |
| 35.5 | 4.29 | 4.56 |
| 36.5 | 4.66 | 4.82 |
| 37.5 | 4.66 | 5.08 |
| 38.5 | 4.73 | 5.36 |
| 39.5 | 4.73 | 5.63 |
| 40.5 | 5.20 | 5.92 |
| 41.5 | 5.20 | 6.21 |
| 42.5 | 5.71 | 6.51 |
| 43.5 | 5.75 | 6.82 |
| 44.5 | 5.76 | 7.13 |
| 45.5 | 5.76 | 7.45 |
| 46.5 | 5.91 | 7.78 |
| 47.5 | 5.91 | 8.11 |
| 48.5 | 6.77 | 8.45 |
| 49.5 | 6.77 | 8.80 |
| 50.5 | 6.82 | 9.16 |

Z = 102

N = 153

A = 255

(CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 6.82 | 9.52 |
| 52.5 | 6.82 | 9.89 |
| 53.5 | 6.82 | 10.27 |
| 54.5 | 7.28 | 10.65 |
| 55.5 | 7.28 | 11.04 |
| 56.5 | 7.38 | 11.44 |
| 57.5 | 7.38 | 11.85 |
| 58.5 | 8.05 | 12.26 |
| 59.5 | 8.05 | 12.68 |
| 60.5 | 8.18 | 13.10 |
| 61.5 | 8.18 | 13.54 |
| 62.5 | 8.45 | 13.98 |
| 63.5 | 8.75 | 14.42 |
| 64.5 | 8.75 | 14.88 |
| 65.5 | 8.75 | 15.34 |
| 66.5 | 9.27 | 15.81 |
| 67.5 | 9.27 | 16.28 |
| 68.5 | 9.79 | 16.76 |
| 69.5 | 9.81 | 17.25 |
| 70.5 | 9.81 | 17.75 |
| 71.5 | 9.84 | 18.25 |
| 72.5 | 10.42 | 18.76 |
| 73.5 | 10.46 | 19.28 |
| 74.5 | 10.62 | 19.81 |
| 75.5 | 10.62 | 20.34 |
| 76.5 | 10.90 | 20.88 |
| 77.5 | 11.03 | 21.42 |
| 78.5 | 11.33 | 21.98 |
| 79.5 | 11.69 | 22.54 |
| 80.5 | 11.69 | 23.10 |
| 81.5 | 11.89 | 23.68 |
| 82.5 | 11.89 | 24.26 |
| 83.5 | 12.56 | 24.85 |
| 84.5 | 12.56 | 25.44 |
| 85.5 | 12.96 | 26.04 |
| 86.5 | 12.96 | 26.65 |
| 87.5 | 12.96 | 27.27 |
| 88.5 | 13.74 | 27.89 |
| 89.5 | 14.02 | 28.52 |
| 90.5 | 14.02 | 29.16 |
| 91.5 | 15.08 | 29.80 |
| 92.5 | 15.08 | 30.46 |
| 93.5 | 15.91 | 31.11 |
| 94.5 | 16.14 | 31.78 |
| 95.5 | 17.20 | 32.45 |
| 96.5 | 17.25 | 33.13 |
| 97.5 | 17.87 | 33.82 |
| 98.5 | 17.87 | 34.51 |
| 99.5 | 18.65 | 35.21 |

Z = 103 N = 153 A = 256

| J | EJAY | EROT |
|----|------|------|
| 0 | 1.20 | 0. |
| 1 | 0.02 | 0.01 |
| 2 | 0. | 0.02 |
| 3 | 0. | 0.04 |
| 4 | 0. | 0.07 |
| 5 | 0. | 0.10 |
| 6 | 0. | 0.15 |
| 7 | 0. | 0.20 |
| 8 | 0. | 0.25 |
| 9 | 0. | 0.31 |
| 10 | 0.02 | 0.38 |
| 11 | 0.02 | 0.46 |
| 12 | 0.02 | 0.55 |
| 13 | 1.47 | 0.64 |
| 14 | 1.48 | 0.73 |
| 15 | 1.48 | 0.84 |
| 16 | 1.48 | 0.95 |
| 17 | 1.48 | 1.07 |
| 18 | 1.48 | 1.20 |
| 19 | 1.49 | 1.33 |
| 20 | 1.49 | 1.47 |
| 21 | 1.49 | 1.62 |
| 22 | 1.51 | 1.77 |
| 23 | 1.68 | 1.93 |
| 24 | 1.68 | 2.10 |
| 25 | 2.69 | 2.27 |
| 26 | 2.70 | 2.46 |
| 27 | 2.70 | 2.64 |
| 28 | 2.70 | 2.84 |
| 29 | 2.71 | 3.04 |
| 30 | 3.09 | 3.25 |
| 31 | 3.10 | 3.47 |
| 32 | 3.11 | 3.69 |
| 33 | 3.11 | 3.93 |
| 34 | 3.11 | 4.16 |
| 35 | 4.23 | 4.41 |
| 36 | 4.23 | 4.66 |
| 37 | 4.23 | 4.92 |
| 38 | 4.26 | 5.18 |
| 39 | 4.27 | 5.46 |
| 40 | 4.29 | 5.74 |
| 41 | 4.29 | 6.02 |
| 42 | 4.29 | 6.32 |
| 43 | 4.59 | 6.62 |
| 44 | 4.61 | 6.93 |
| 45 | 5.17 | 7.24 |
| 46 | 5.19 | 7.56 |
| 47 | 5.19 | 7.89 |
| 48 | 5.19 | 8.23 |
| 49 | 5.71 | 8.57 |
| 50 | 5.75 | 8.92 |

Z = 103 N = 153 A = 256 (CONTD)

| J | EJAY | EROT |
|----|-------|-------|
| 51 | 5.75 | 9.28 |
| 52 | 5.75 | 9.64 |
| 53 | 6.42 | 10.01 |
| 54 | 6.42 | 10.39 |
| 55 | 6.66 | 10.78 |
| 56 | 6.66 | 11.17 |
| 57 | 6.66 | 11.57 |
| 58 | 6.68 | 11.97 |
| 59 | 6.99 | 12.38 |
| 60 | 7.23 | 12.80 |
| 61 | 7.23 | 13.23 |
| 62 | 7.25 | 13.67 |
| 63 | 7.87 | 14.11 |
| 64 | 7.87 | 14.55 |
| 65 | 7.89 | 15.01 |
| 66 | 8.29 | 15.47 |
| 67 | 8.31 | 15.94 |
| 68 | 8.43 | 16.42 |
| 69 | 8.45 | 16.90 |
| 70 | 8.81 | 17.39 |
| 71 | 9.12 | 17.88 |
| 72 | 9.36 | 18.39 |
| 73 | 9.36 | 18.90 |
| 74 | 9.37 | 19.42 |
| 75 | 9.97 | 19.94 |
| 76 | 9.97 | 20.47 |
| 77 | 9.97 | 21.01 |
| 78 | 10.28 | 21.56 |
| 79 | 10.43 | 22.11 |
| 80 | 10.95 | 22.67 |
| 81 | 11.03 | 23.24 |
| 82 | 11.03 | 23.81 |
| 83 | 11.34 | 24.39 |
| 84 | 12.10 | 24.98 |
| 85 | 12.10 | 25.57 |
| 86 | 12.41 | 26.18 |
| 87 | 13.15 | 26.78 |
| 88 | 13.46 | 27.40 |
| 89 | 14.22 | 28.02 |
| 90 | 14.53 | 28.65 |
| 91 | 15.35 | 29.29 |
| 92 | 15.63 | 29.93 |
| 93 | 15.63 | 30.58 |
| 94 | 16.25 | 31.24 |
| 95 | 16.25 | 31.91 |
| 96 | 17.03 | 32.58 |
| 97 | 17.31 | 33.26 |
| 98 | 17.31 | 33.94 |
| 99 | 18.37 | 34.64 |

Z = 104

N = 157

A = 261

| J | EJAY | EROT |
|------|------|------|
| 0.5 | 1.39 | 0.00 |
| 1.5 | 1.53 | 0.01 |
| 2.5 | 0.14 | 0.03 |
| 3.5 | 0.98 | 0.05 |
| 4.5 | 1.53 | 0.08 |
| 5.5 | 0. | 0.12 |
| 6.5 | 1.53 | 0.17 |
| 7.5 | 1.53 | 0.22 |
| 8.5 | 1.53 | 0.27 |
| 9.5 | 1.53 | 0.34 |
| 10.5 | 1.53 | 0.41 |
| 11.5 | 1.53 | 0.49 |
| 12.5 | 1.56 | 0.57 |
| 13.5 | 1.56 | 0.66 |
| 14.5 | 1.56 | 0.76 |
| 15.5 | 1.56 | 0.87 |
| 16.5 | 1.59 | 0.98 |
| 17.5 | 1.59 | 1.10 |
| 18.5 | 2.82 | 1.22 |
| 19.5 | 2.82 | 1.35 |
| 20.5 | 2.85 | 1.49 |
| 21.5 | 2.85 | 1.64 |
| 22.5 | 2.85 | 1.79 |
| 23.5 | 2.85 | 1.95 |
| 24.5 | 2.89 | 2.12 |
| 25.5 | 2.89 | 2.29 |
| 26.5 | 3.87 | 2.47 |
| 27.5 | 3.87 | 2.65 |
| 28.5 | 3.87 | 2.85 |
| 29.5 | 3.87 | 3.05 |
| 30.5 | 3.91 | 3.25 |
| 31.5 | 3.91 | 3.47 |
| 32.5 | 4.53 | 3.69 |
| 33.5 | 4.53 | 3.92 |
| 34.5 | 4.63 | 4.15 |
| 35.5 | 4.63 | 4.39 |
| 36.5 | 5.02 | 4.64 |
| 37.5 | 5.02 | 4.89 |
| 38.5 | 5.55 | 5.15 |
| 39.5 | 5.55 | 5.42 |
| 40.5 | 6.24 | 5.69 |
| 41.5 | 6.24 | 5.97 |
| 42.5 | 6.27 | 6.26 |
| 43.5 | 6.27 | 6.56 |
| 44.5 | 6.66 | 6.86 |
| 45.5 | 6.66 | 7.17 |
| 46.5 | 6.90 | 7.48 |
| 47.5 | 7.26 | 7.80 |
| 48.5 | 7.83 | 8.13 |
| 49.5 | 7.92 | 8.47 |
| 50.5 | 7.92 | 8.81 |

Z = 104 N = 157 A = 261 (CONTD)

| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 7.92 | 9.16 |
| 52.5 | 7.96 | 9.51 |
| 53.5 | 7.96 | 9.88 |
| 54.5 | 8.20 | 10.25 |
| 55.5 | 8.56 | 10.62 |
| 56.5 | 8.98 | 11.01 |
| 57.5 | 9.01 | 11.39 |
| 58.5 | 9.01 | 11.79 |
| 59.5 | 9.22 | 12.19 |
| 60.5 | 9.22 | 12.60 |
| 61.5 | 9.26 | 13.02 |
| 62.5 | 9.92 | 13.44 |
| 63.5 | 9.94 | 13.87 |
| 64.5 | 9.94 | 14.31 |
| 65.5 | 10.24 | 14.76 |
| 66.5 | 10.28 | 15.21 |
| 67.5 | 10.28 | 15.66 |
| 68.5 | 10.97 | 16.13 |
| 69.5 | 10.97 | 16.60 |
| 70.5 | 11.00 | 17.08 |
| 71.5 | 11.00 | 17.56 |
| 72.5 | 11.34 | 18.05 |
| 73.5 | 11.38 | 18.55 |
| 74.5 | 12.03 | 19.05 |
| 75.5 | 12.06 | 19.57 |
| 76.5 | 12.06 | 20.08 |
| 77.5 | 12.44 | 20.61 |
| 78.5 | 12.44 | 21.14 |
| 79.5 | 13.11 | 21.68 |
| 80.5 | 13.49 | 22.22 |
| 81.5 | 13.49 | 22.78 |
| 82.5 | 14.16 | 23.34 |
| 83.5 | 14.16 | 23.90 |
| 84.5 | 14.54 | 24.47 |
| 85.5 | 14.54 | 25.05 |
| 86.5 | 15.59 | 25.64 |
| 87.5 | 15.59 | 26.23 |
| 88.5 | 16.27 | 26.83 |
| 89.5 | 16.65 | 27.44 |
| 90.5 | 16.65 | 28.05 |
| 91.5 | 17.70 | 28.67 |
| 92.5 | 18.26 | 29.30 |
| 93.5 | 18.26 | 29.93 |
| 94.5 | 19.22 | 30.57 |
| 95.5 | 19.31 | 31.22 |
| 96.5 | 19.61 | 31.87 |
| 97.5 | 20.67 | 32.53 |
| 98.5 | 20.98 | 33.20 |
| 99.5 | 22.02 | 33.87 |

Z = 105

N = 156

A = 261

| J | EJAY | EROT |
|------|------|------|
| 0.5 | 1.41 | 0.00 |
| 1.5 | 1.36 | 0.01 |
| 2.5 | 1.36 | 0.03 |
| 3.5 | 0. | 0.05 |
| 4.5 | 1.36 | 0.08 |
| 5.5 | 1.36 | 0.12 |
| 6.5 | 0.05 | 0.17 |
| 7.5 | 1.36 | 0.22 |
| 8.5 | 1.41 | 0.27 |
| 9.5 | 1.41 | 0.34 |
| 10.5 | 1.41 | 0.41 |
| 11.5 | 1.41 | 0.49 |
| 12.5 | 1.41 | 0.57 |
| 13.5 | 1.46 | 0.66 |
| 14.5 | 1.46 | 0.76 |
| 15.5 | 1.46 | 0.87 |
| 16.5 | 1.79 | 0.98 |
| 17.5 | 2.54 | 1.10 |
| 18.5 | 2.54 | 1.22 |
| 19.5 | 2.54 | 1.35 |
| 20.5 | 2.60 | 1.49 |
| 21.5 | 2.60 | 1.64 |
| 22.5 | 2.60 | 1.79 |
| 23.5 | 3.21 | 1.95 |
| 24.5 | 3.21 | 2.12 |
| 25.5 | 3.21 | 2.29 |
| 26.5 | 3.45 | 2.47 |
| 27.5 | 3.45 | 2.65 |
| 28.5 | 3.94 | 2.85 |
| 29.5 | 3.94 | 3.05 |
| 30.5 | 3.94 | 3.25 |
| 31.5 | 4.35 | 3.47 |
| 32.5 | 4.35 | 3.69 |
| 33.5 | 5.12 | 3.92 |
| 34.5 | 5.12 | 4.15 |
| 35.5 | 5.19 | 4.39 |
| 36.5 | 5.19 | 4.64 |
| 37.5 | 5.19 | 4.89 |
| 38.5 | 5.66 | 5.15 |
| 39.5 | 5.68 | 5.42 |
| 40.5 | 5.68 | 5.69 |
| 41.5 | 6.27 | 5.97 |
| 42.5 | 6.64 | 6.26 |
| 43.5 | 6.64 | 6.56 |
| 44.5 | 6.69 | 6.86 |
| 45.5 | 6.69 | 7.17 |
| 46.5 | 6.69 | 7.48 |
| 47.5 | 7.08 | 7.80 |
| 48.5 | 7.34 | 8.13 |
| 49.5 | 7.34 | 8.47 |
| 50.5 | 7.74 | 8.81 |

Z = 105 N = 156 A = 261 (CONTD)

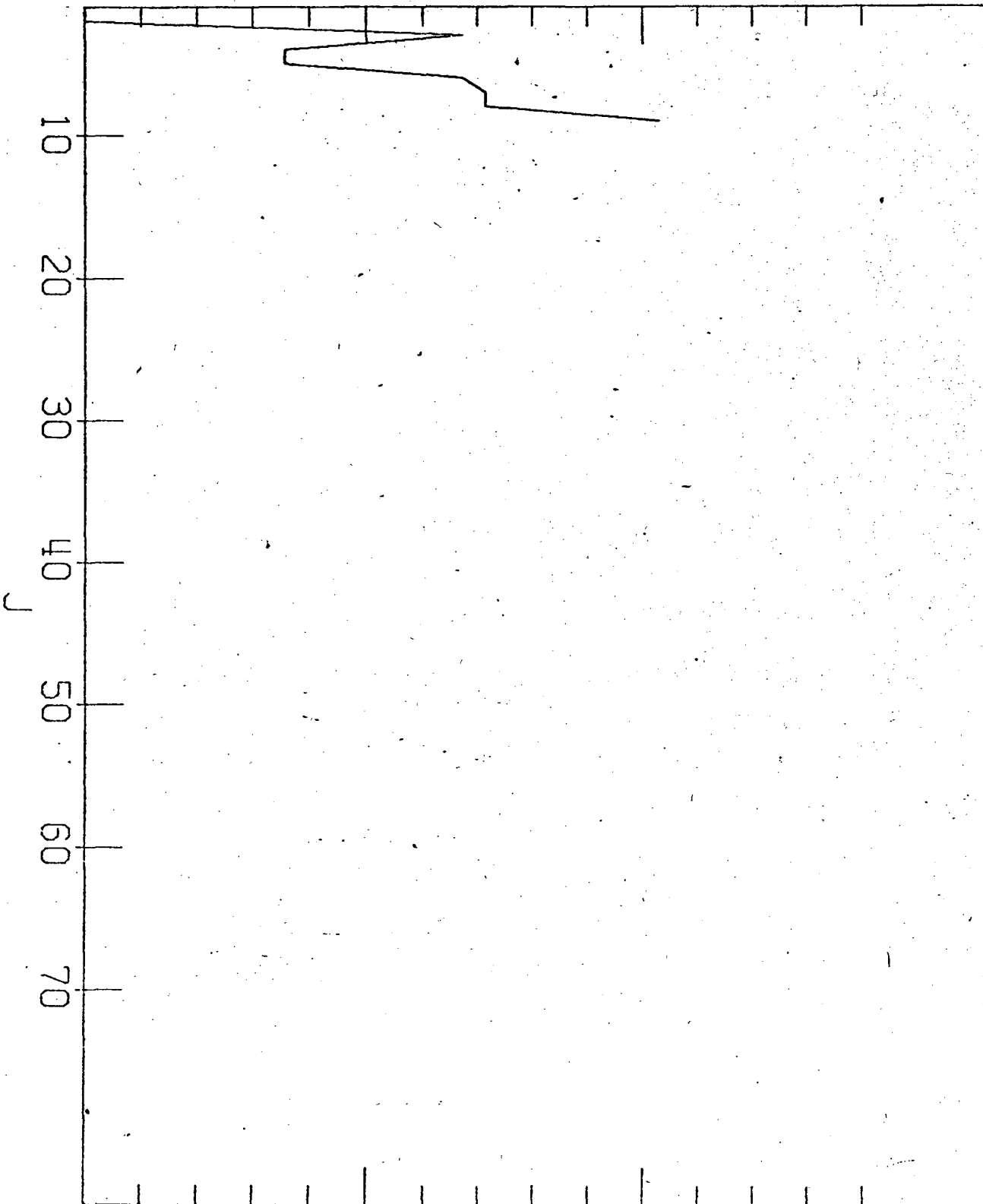
| J | EJAY | EROT |
|------|-------|-------|
| 51.5 | 7.74 | 9.16 |
| 52.5 | 7.74 | 9.51 |
| 53.5 | 8.10 | 9.88 |
| 54.5 | 8.10 | 10.25 |
| 55.5 | 8.10 | 10.62 |
| 56.5 | 8.48 | 11.01 |
| 57.5 | 9.06 | 11.39 |
| 58.5 | 9.06 | 11.79 |
| 59.5 | 9.06 | 12.19 |
| 60.5 | 9.16 | 12.60 |
| 61.5 | 9.16 | 13.02 |
| 62.5 | 9.24 | 13.44 |
| 63.5 | 9.72 | 13.87 |
| 64.5 | 9.81 | 14.31 |
| 65.5 | 10.09 | 14.76 |
| 66.5 | 10.09 | 15.21 |
| 67.5 | 10.09 | 15.66 |
| 68.5 | 10.30 | 16.13 |
| 69.5 | 10.58 | 16.60 |
| 70.5 | 10.58 | 17.08 |
| 71.5 | 11.05 | 17.56 |
| 72.5 | 11.14 | 18.05 |
| 73.5 | 11.14 | 18.55 |
| 74.5 | 11.63 | 19.05 |
| 75.5 | 11.63 | 19.57 |
| 76.5 | 11.63 | 20.08 |
| 77.5 | 12.20 | 20.61 |
| 78.5 | 12.68 | 21.14 |
| 79.5 | 12.69 | 21.68 |
| 80.5 | 12.69 | 22.22 |
| 81.5 | 13.74 | 22.78 |
| 82.5 | 13.74 | 23.34 |
| 83.5 | 13.74 | 23.90 |
| 84.5 | 14.78 | 24.47 |
| 85.5 | 14.79 | 25.05 |
| 86.5 | 14.79 | 25.64 |
| 87.5 | 15.84 | 26.23 |
| 88.5 | 15.84 | 26.83 |
| 89.5 | 16.90 | 27.44 |
| 90.5 | 16.90 | 28.05 |
| 91.5 | 17.45 | 28.67 |
| 92.5 | 18.06 | 29.30 |
| 93.5 | 18.51 | 29.93 |
| 94.5 | 18.80 | 30.57 |
| 95.5 | 19.12 | 31.22 |
| 96.5 | 20.17 | 31.87 |
| 97.5 | 20.17 | 32.53 |
| 98.5 | 21.22 | 33.20 |
| 99.5 | 21.22 | 33.87 |

EXC. ENERGY (MEV)

1X10¹

2X10¹

YRAST CURVE Z = 8 N = 8 A = 16



EXC. ENERGY (MEV)

1 X 10¹

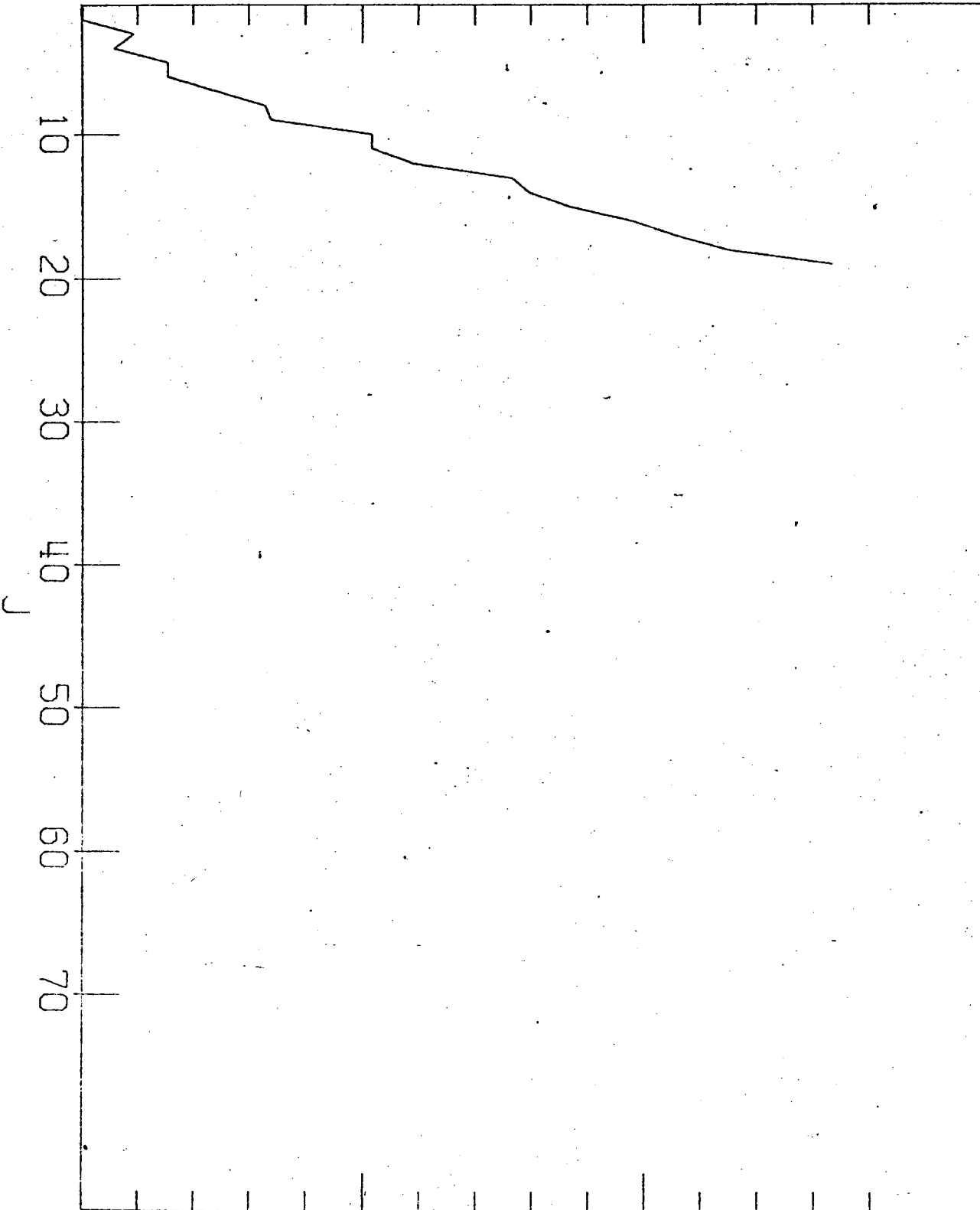
2 X 10¹

YRST CURVE

Z = 16

N = 16

R = 32



EXC. ENERGY (MEV)

1X10¹

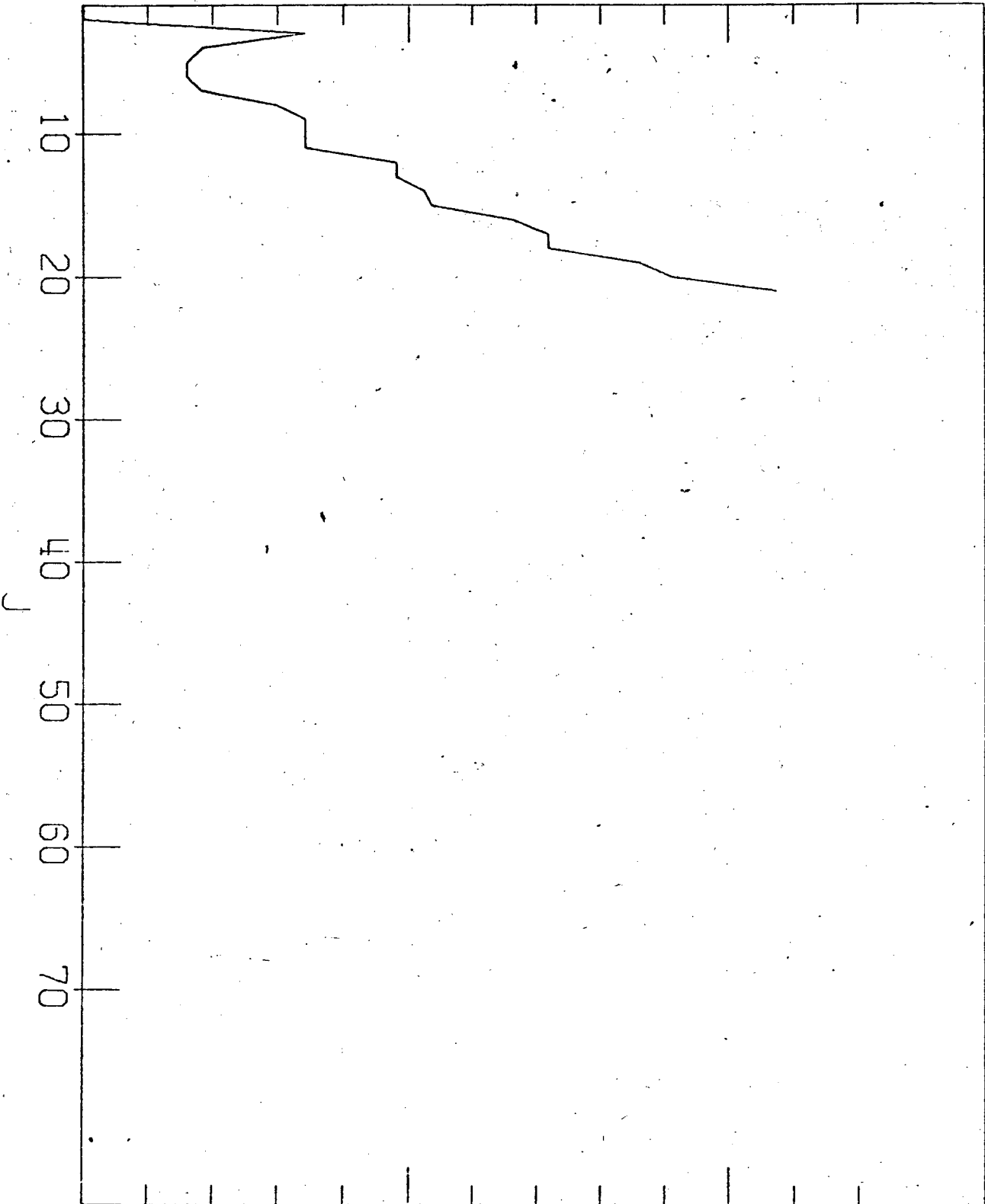
2X10¹

TRRST CURVE

Z = 20

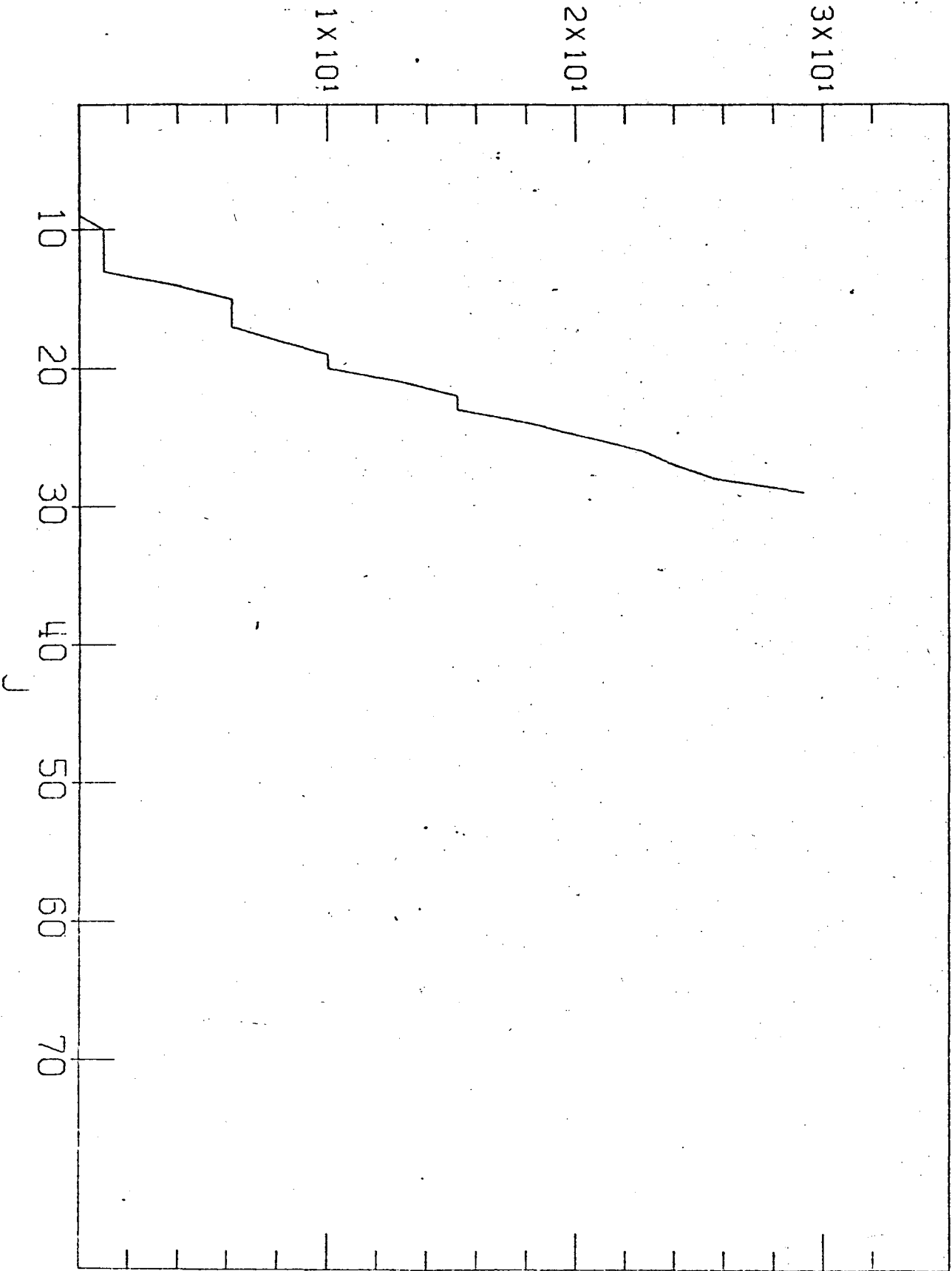
N = 20

R = 40



EXC. ENERGY (MEV)

YRASI CURVE Z = 23 N = 27 A = 50



EXC. ENERGY (MEV)

1×10^1

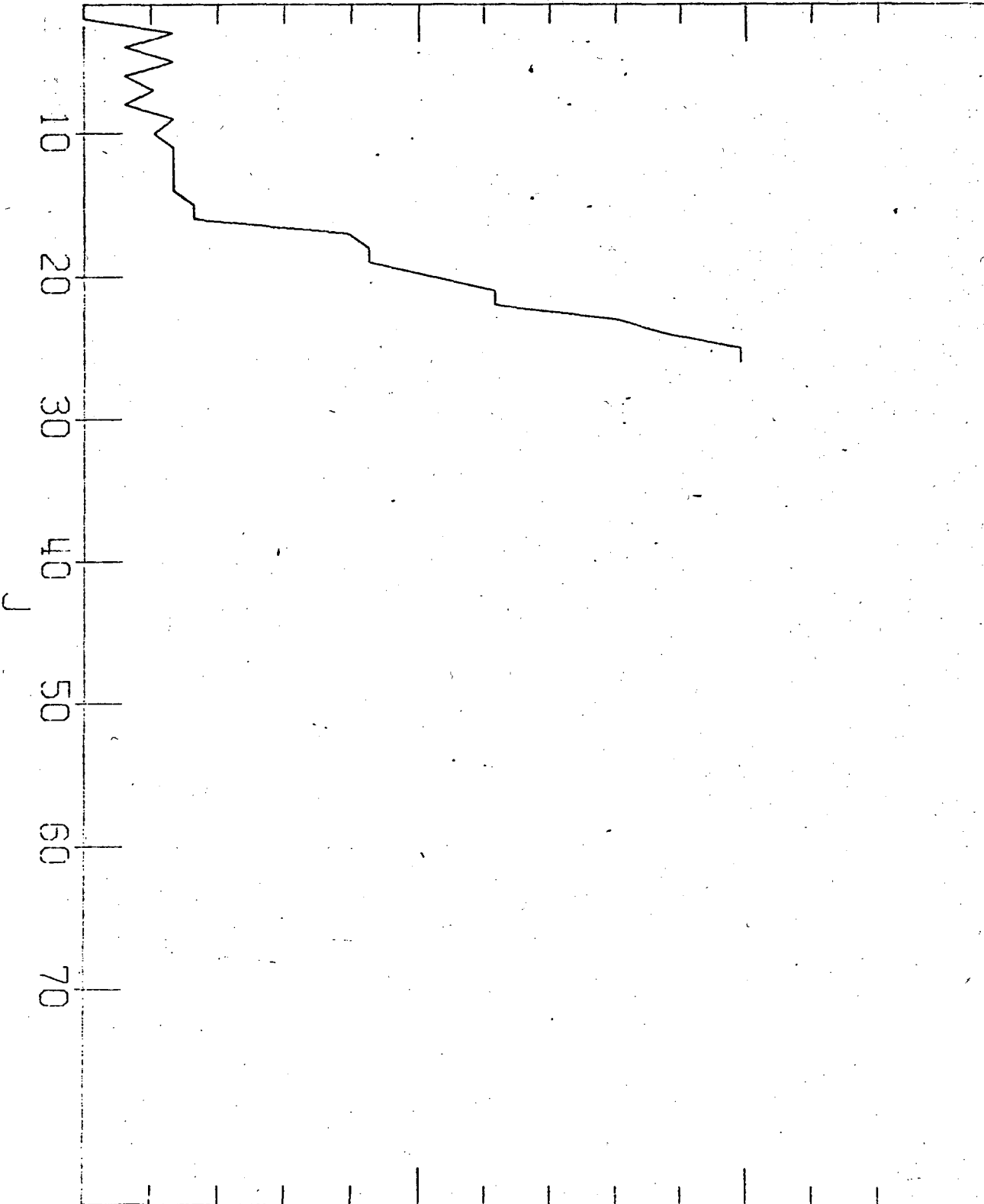
2×10^1

TRRST CURVE

Z = 24

N = 26

A = 50



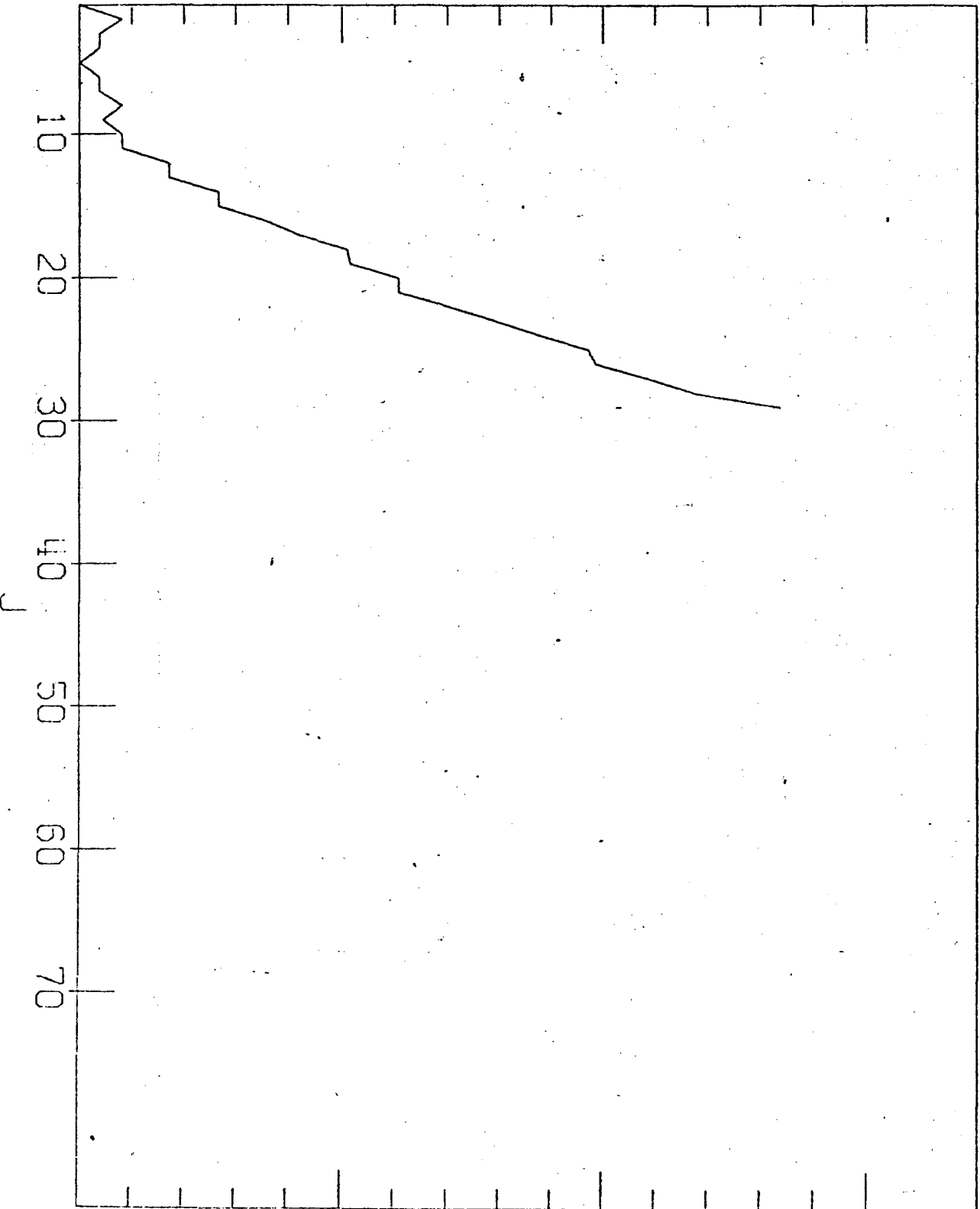
EXC. ENERGY (MEV)

3X10¹

2X10¹

1X10¹

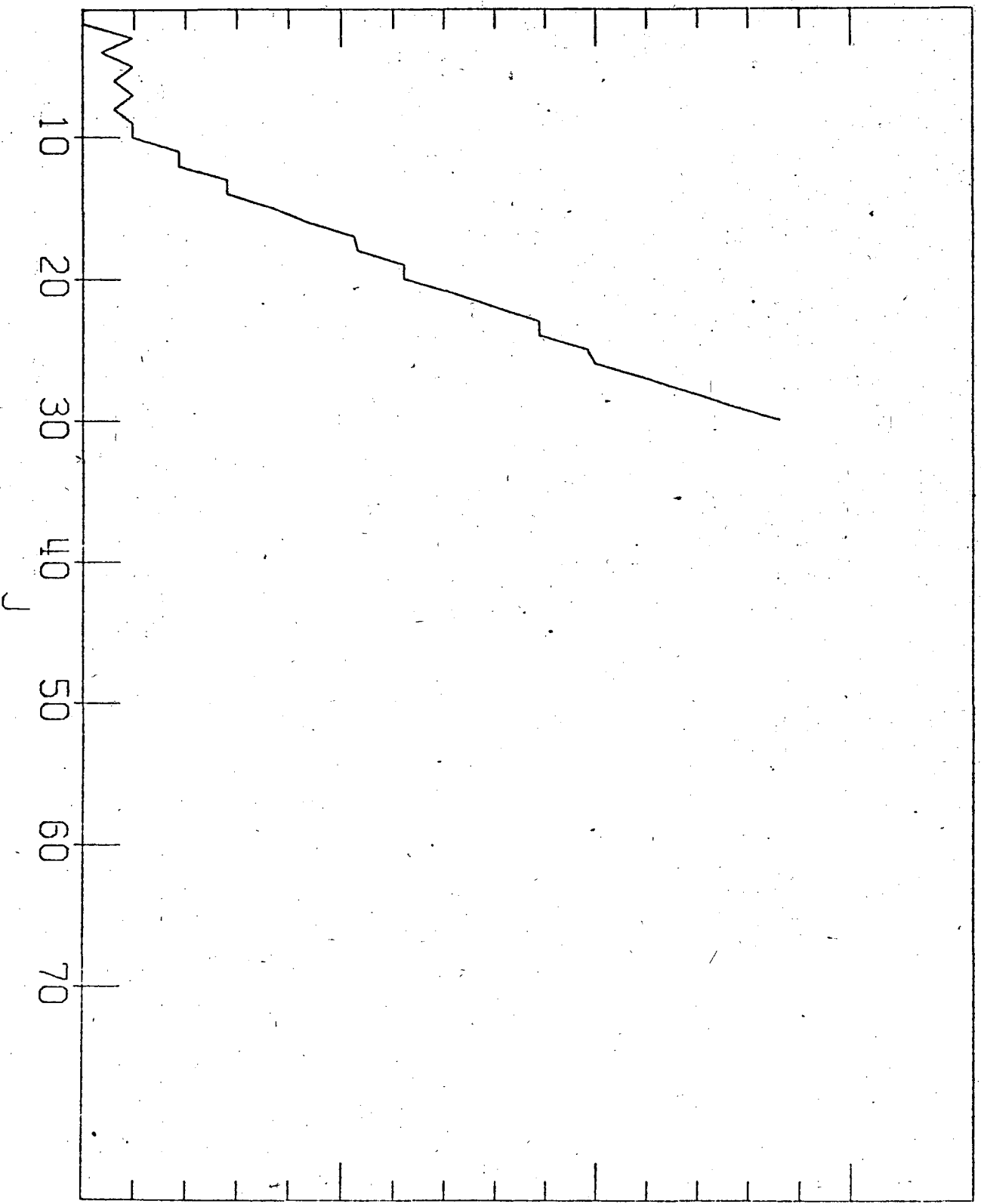
YRST CURVE Z = 29 N = 30 H = 55



EXC. ENERGY (MEV)

YRAST CURVE Z = 26 N = 30 A = 56

3X10¹
2X10¹
1X10¹



EXC. ENERGY (MEV)

YRST CURVE

Z = 28

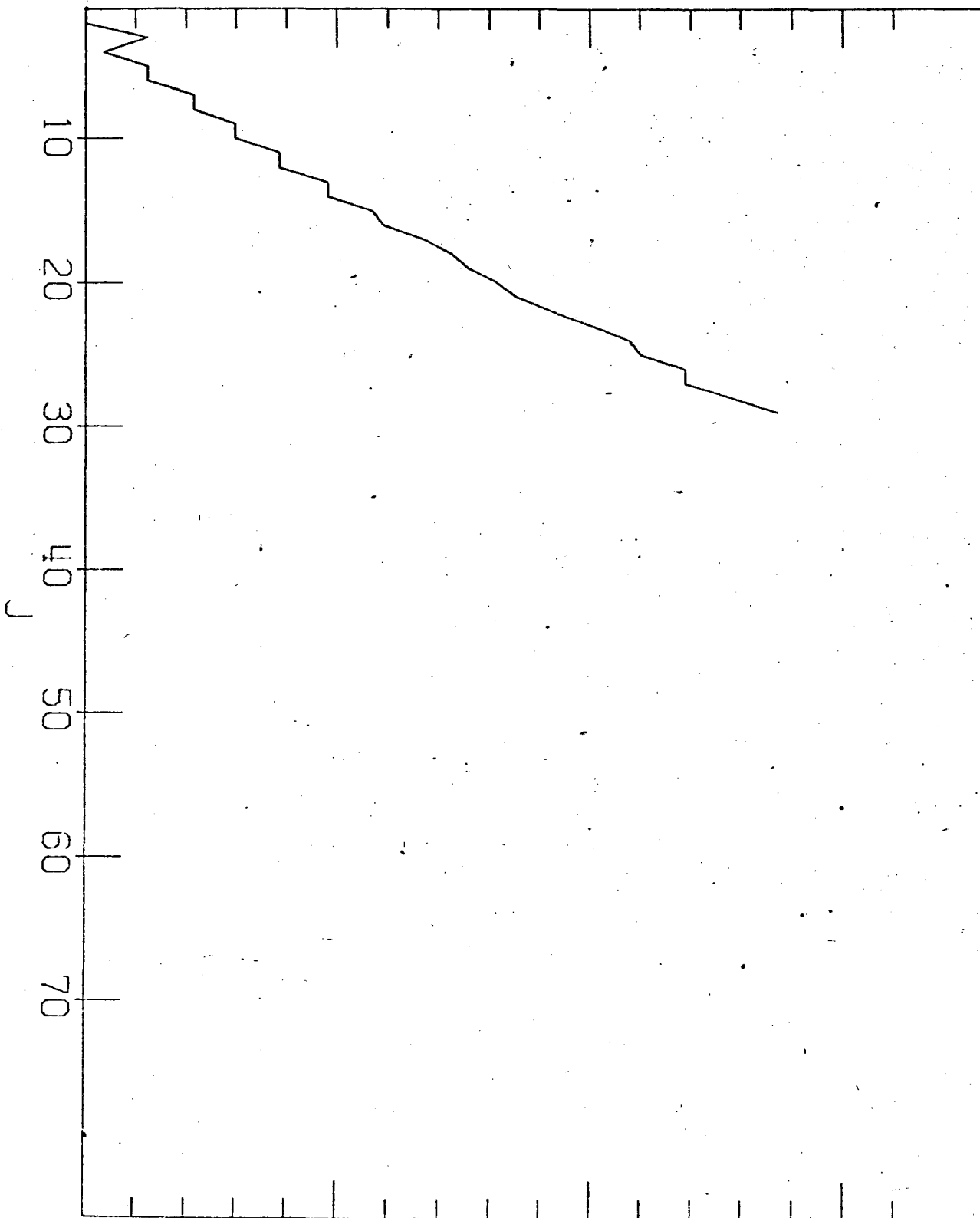
N = 30

R = 58

1X10¹

2X10¹

3X10¹



EXC. ENERGY (MEV)

1X10¹

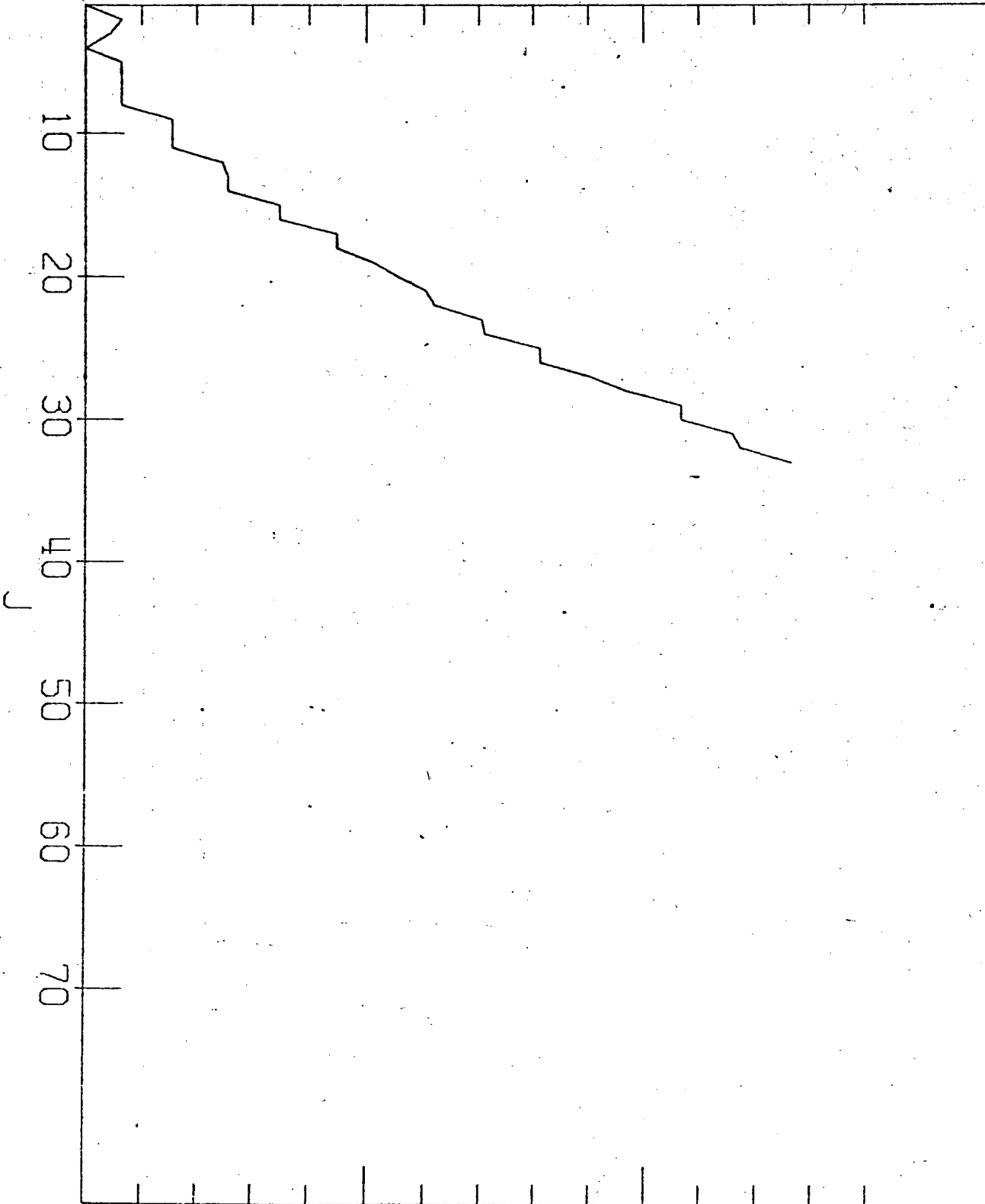
2X10¹

YRST CURVE

Z = 29

N = 34

A = 63



EXC. ENERGY (MEV)

1X10¹

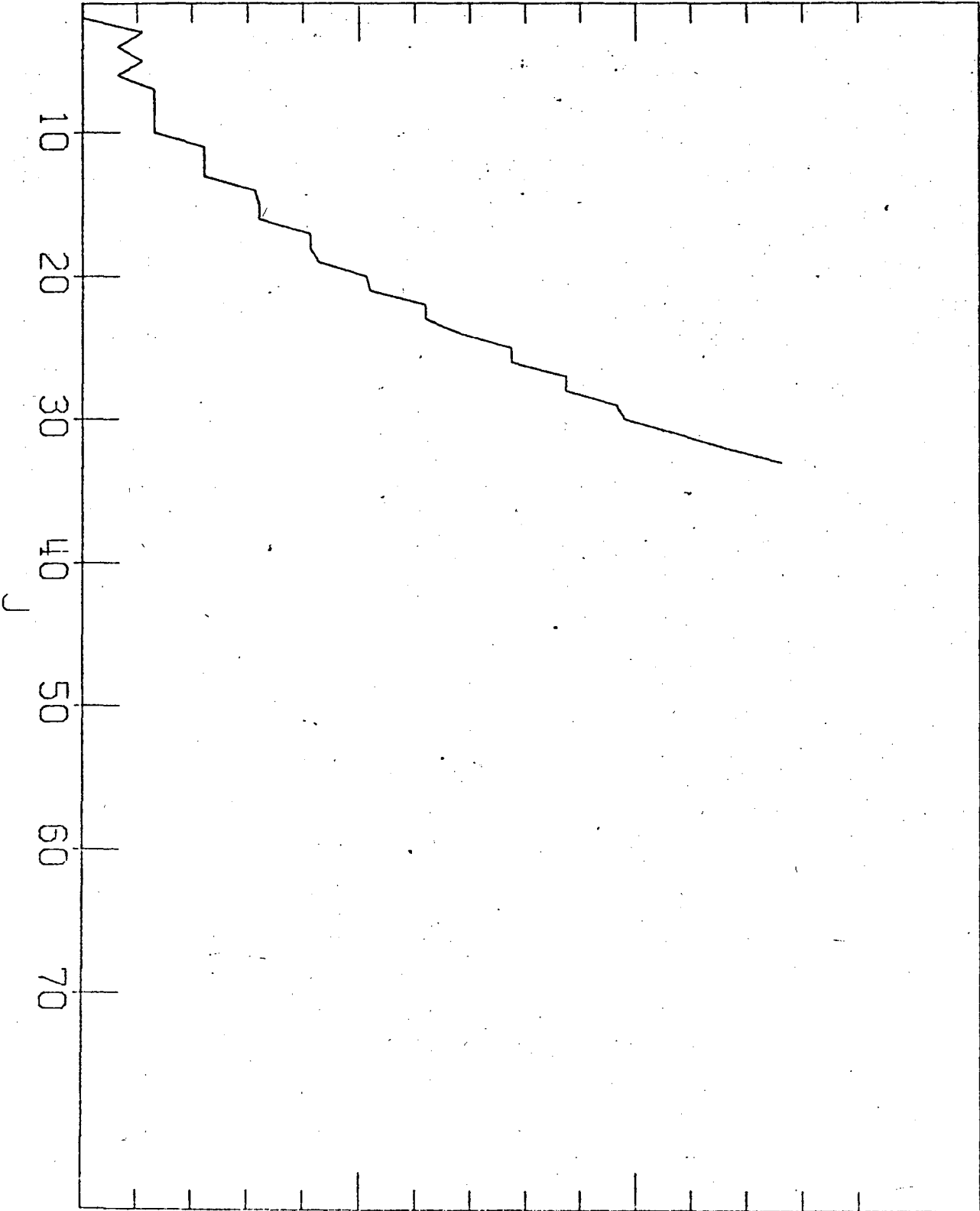
2X10¹

YRST CURVE

Z = 30

N = 34

A = 64



EXC. ENERGY (MEV)

TRRST CURVE Z = 31 N = 68 A = 99



EXC. ENERGY (MEV)

1X10¹

2X10¹

3X10¹

YRST CURVE Z = 32 N = 42 A = 74



EXC. ENERGY (MEV)

1X10¹

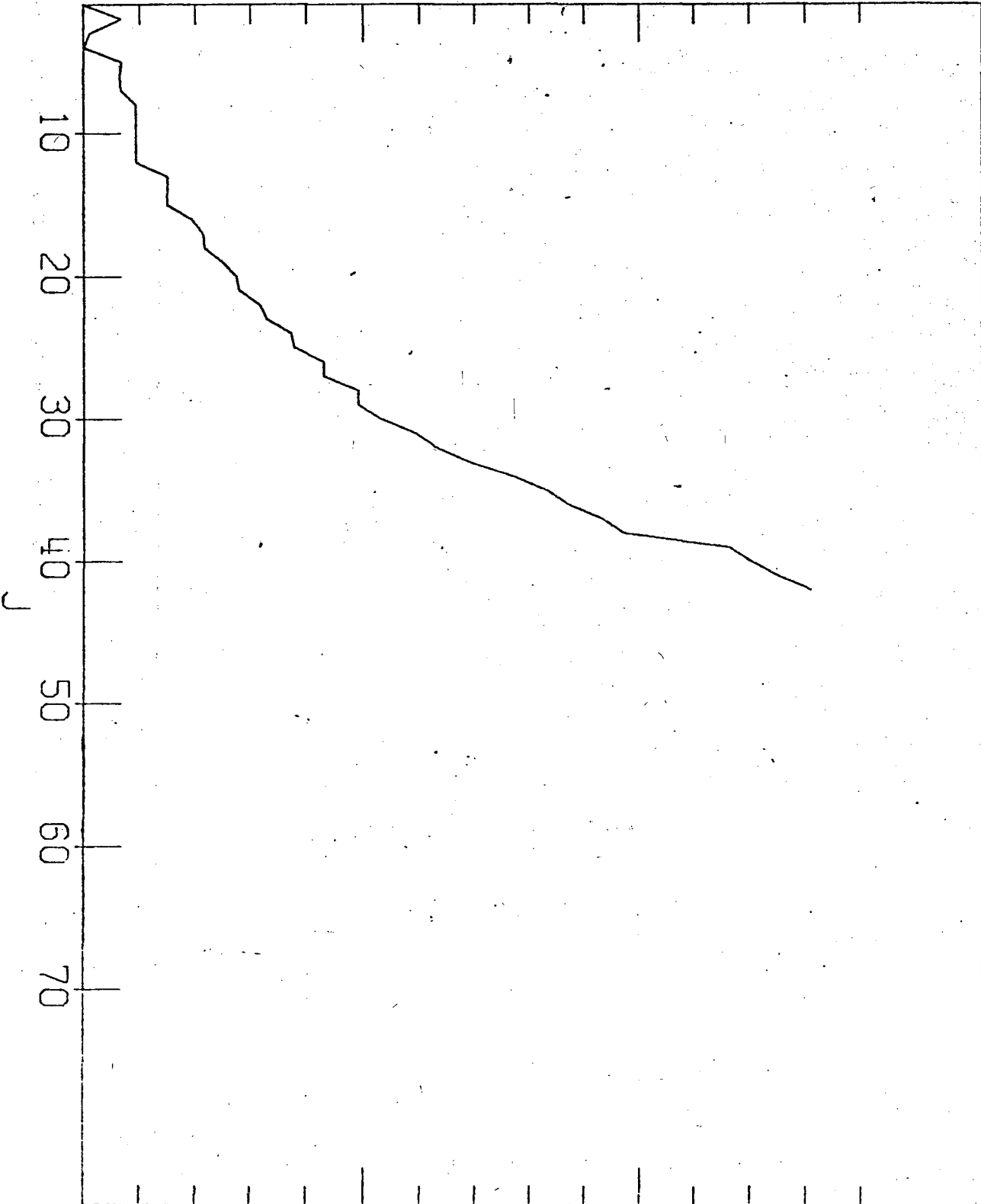
2X10¹

YRST CURVE

Z = 33

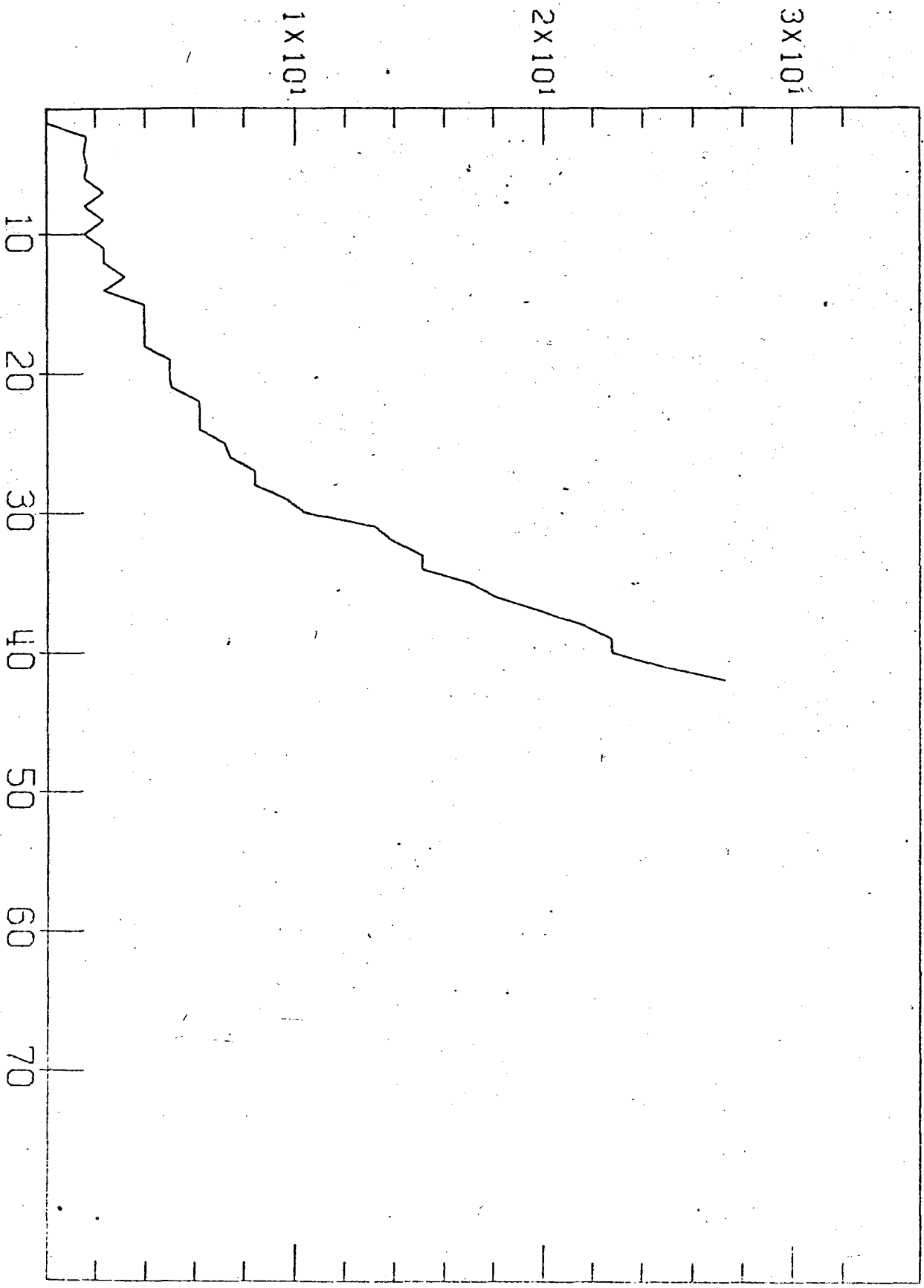
N = 42

R = 75



EXC. ENERGY (MEV)

TRAST CURVE Z = 34 N = 46 A = 80



TRRST CURVE - BROMINE-77 Z = 35 N = 42

EXC. ENERGY (MEV)

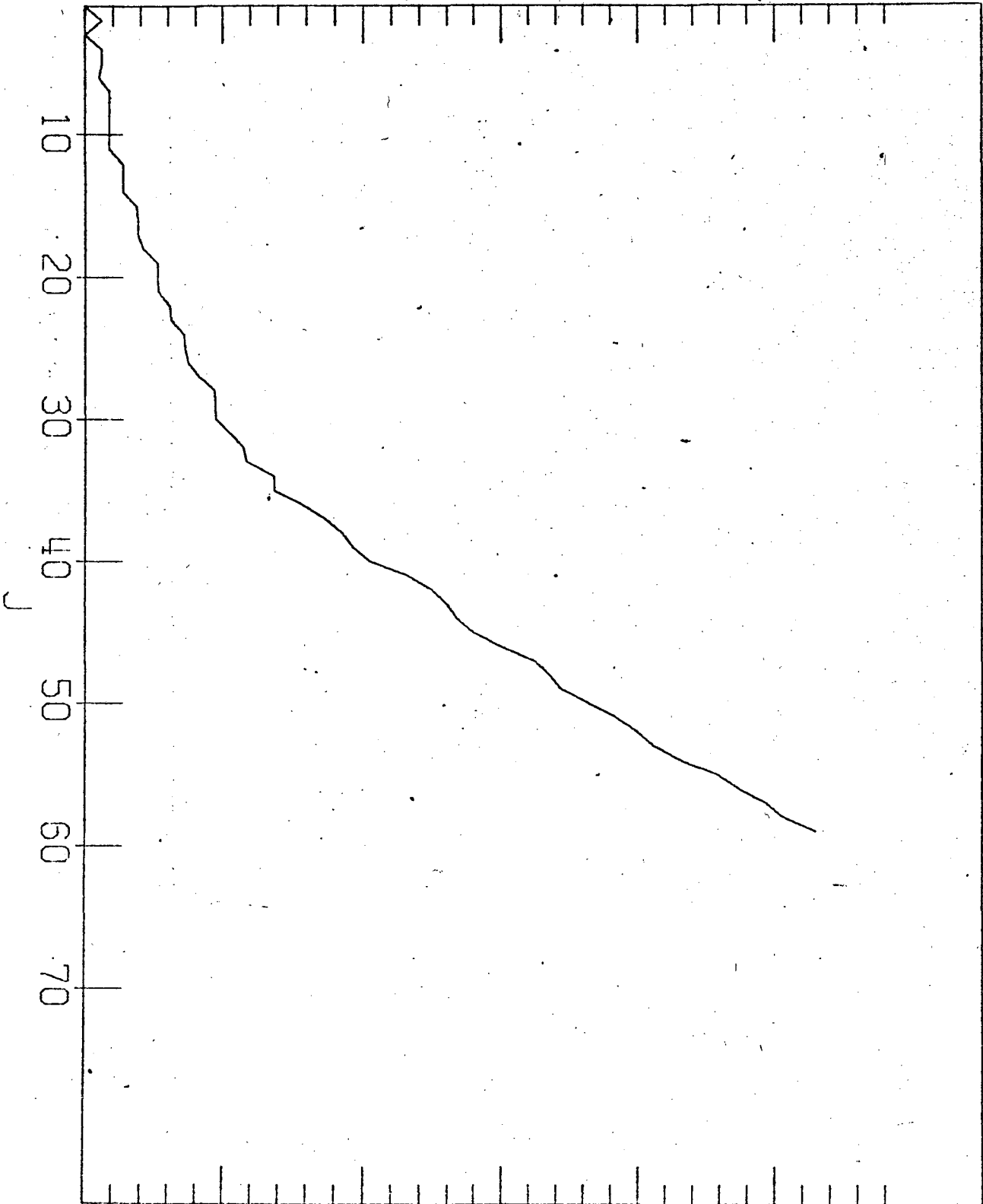
5X10¹

4X10¹

3X10¹

2X10¹

1X10¹



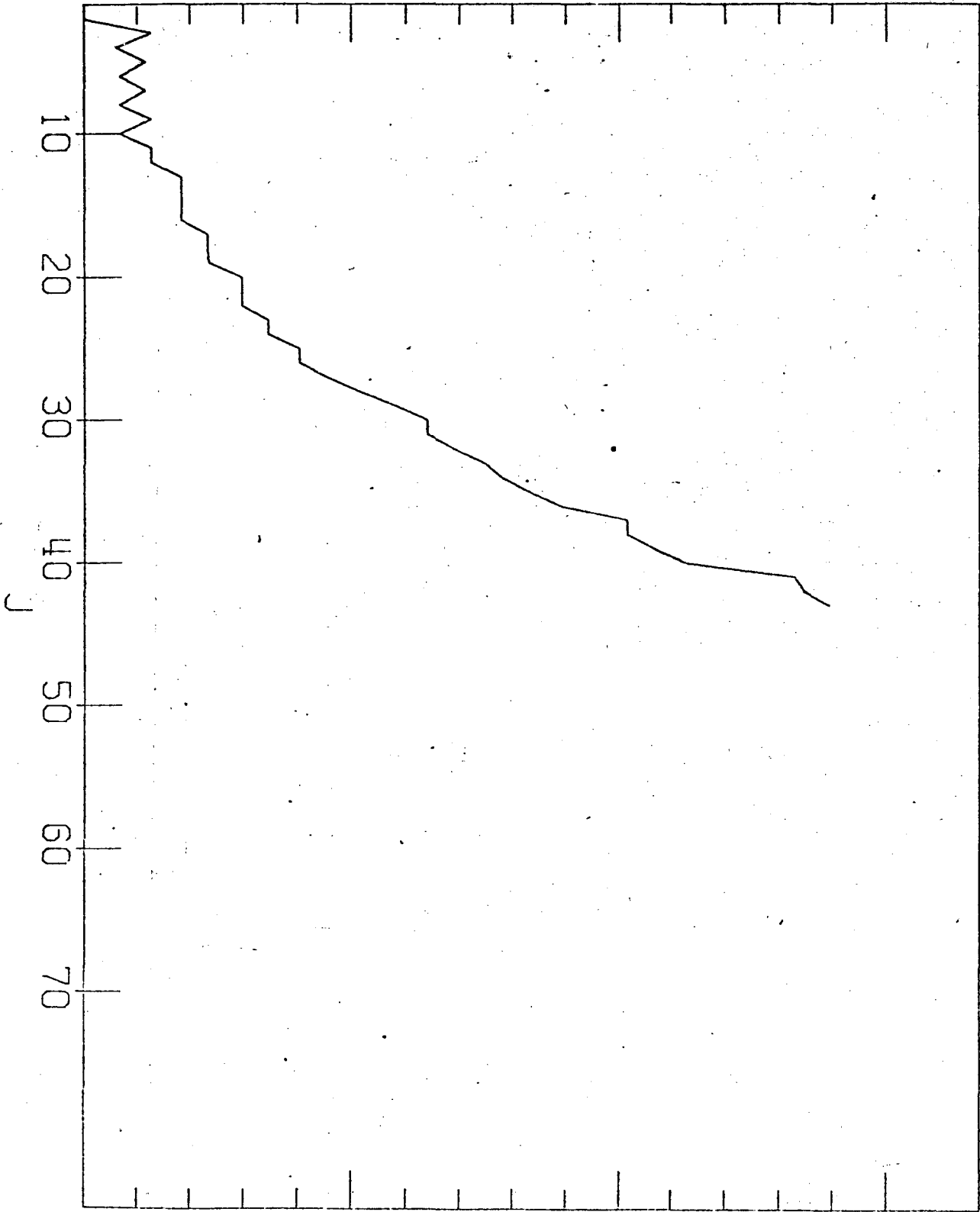
EXC. ENERGY (MEV)

1×10^1

2×10^1

3×10^1

YRST CURVE Z = 36 N = 48 A = 84



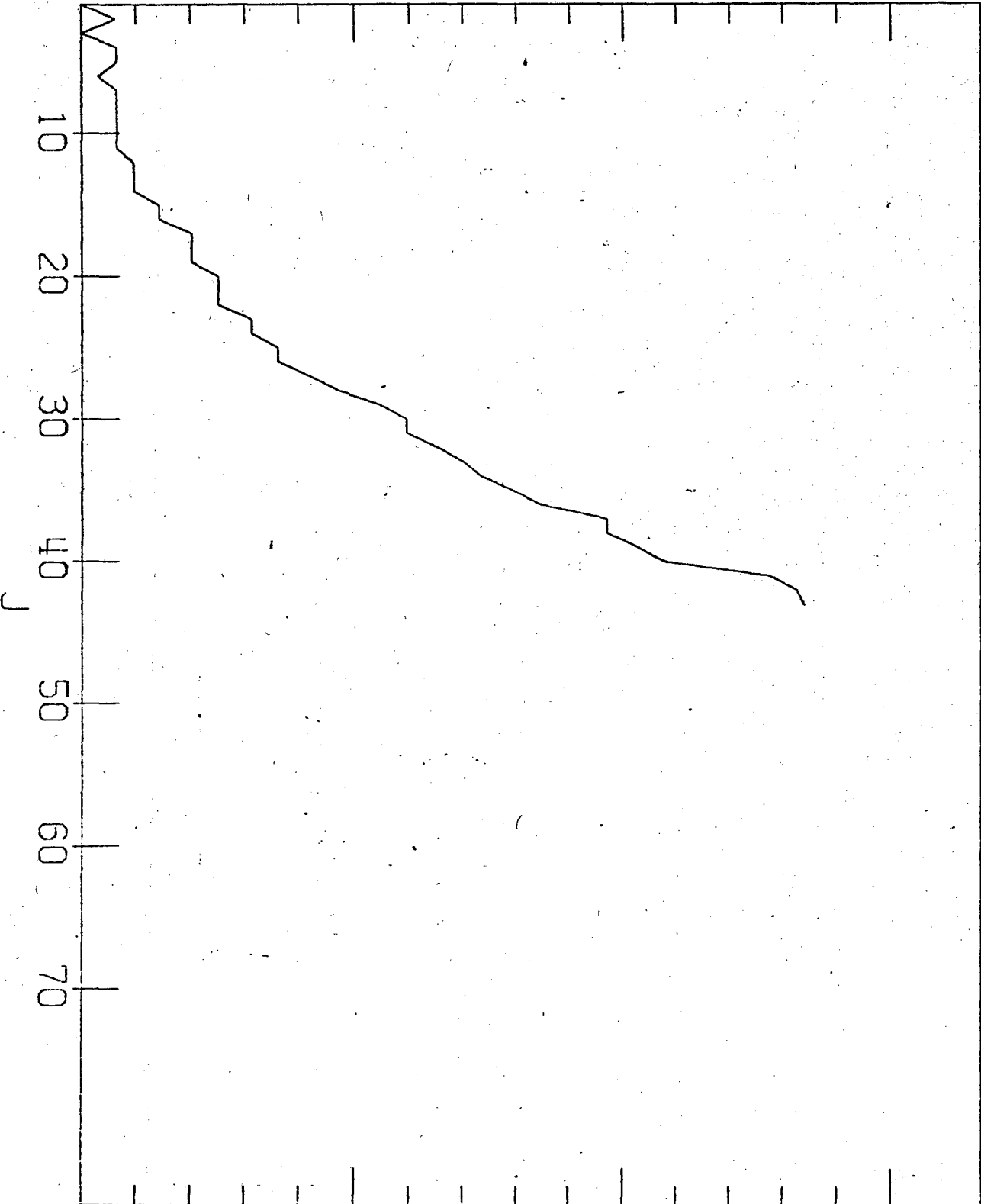
EXC. ENERGY (MEV)

1X10¹

2X10¹

3X10¹

TRAST CURVE Z = 37 N = 49 R = 85



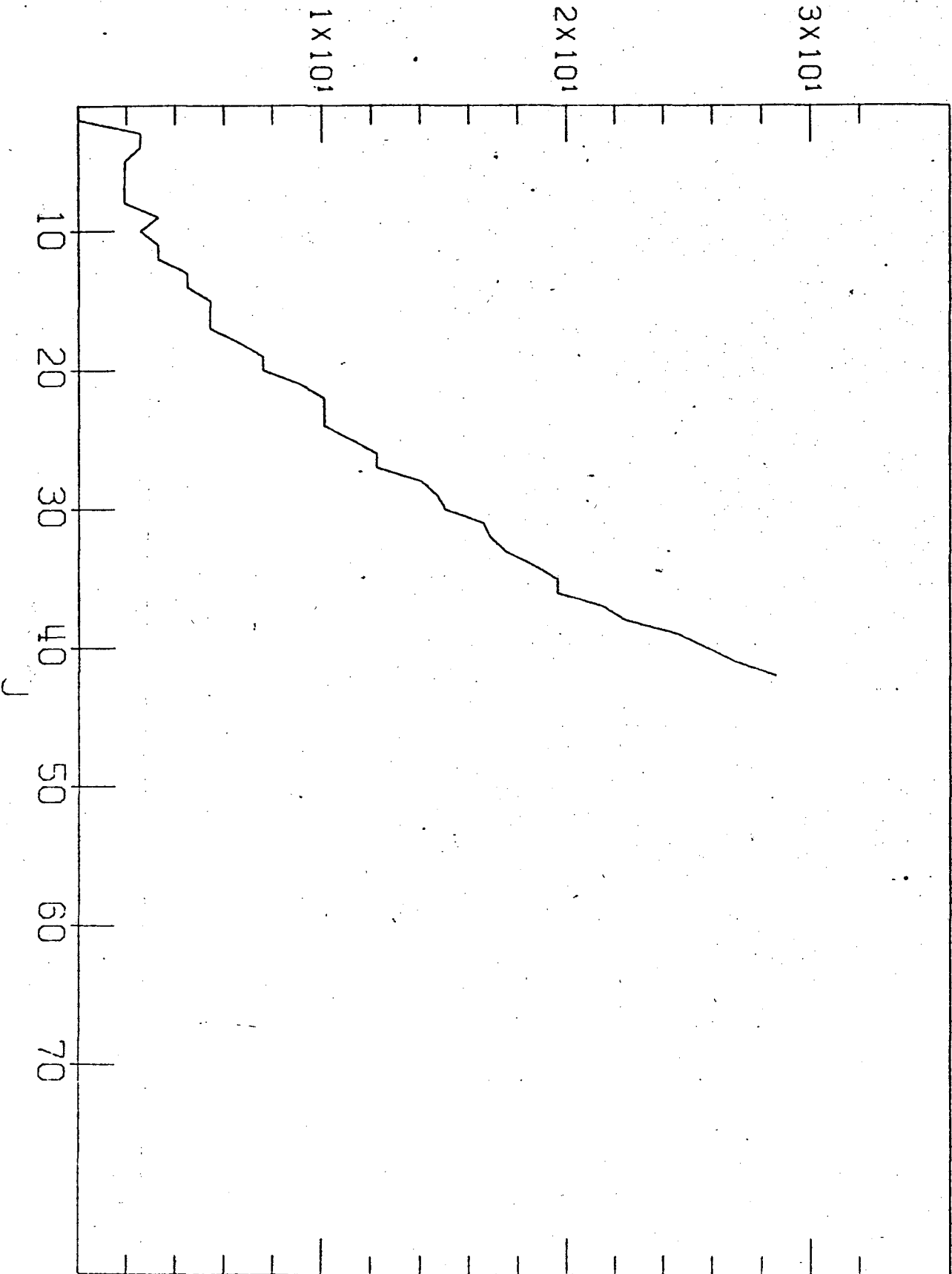
EXC. ENERGY (MEV)

YRST CURVE

Z = 38

N = 50

A = 88



EXC. ENERGY (MEV)

3X10¹

2X10¹

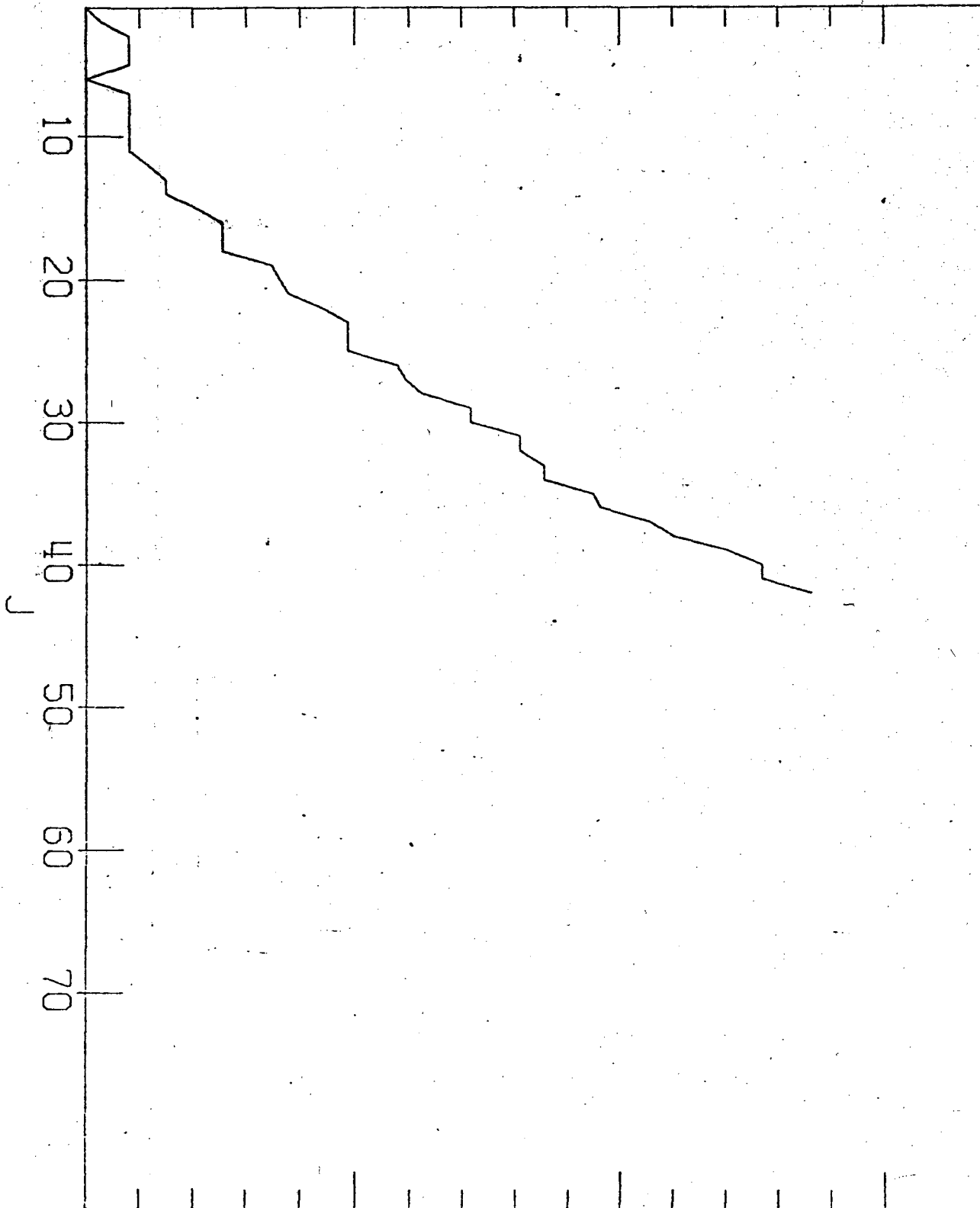
1X10¹

TRRST CURVE

Z = 39

N = 50

A = 89



EXC: ENERGY (MEV)

1X10¹

2X10¹

3X10¹

YRST CURVE

Z = 40

N = 50

A = 90

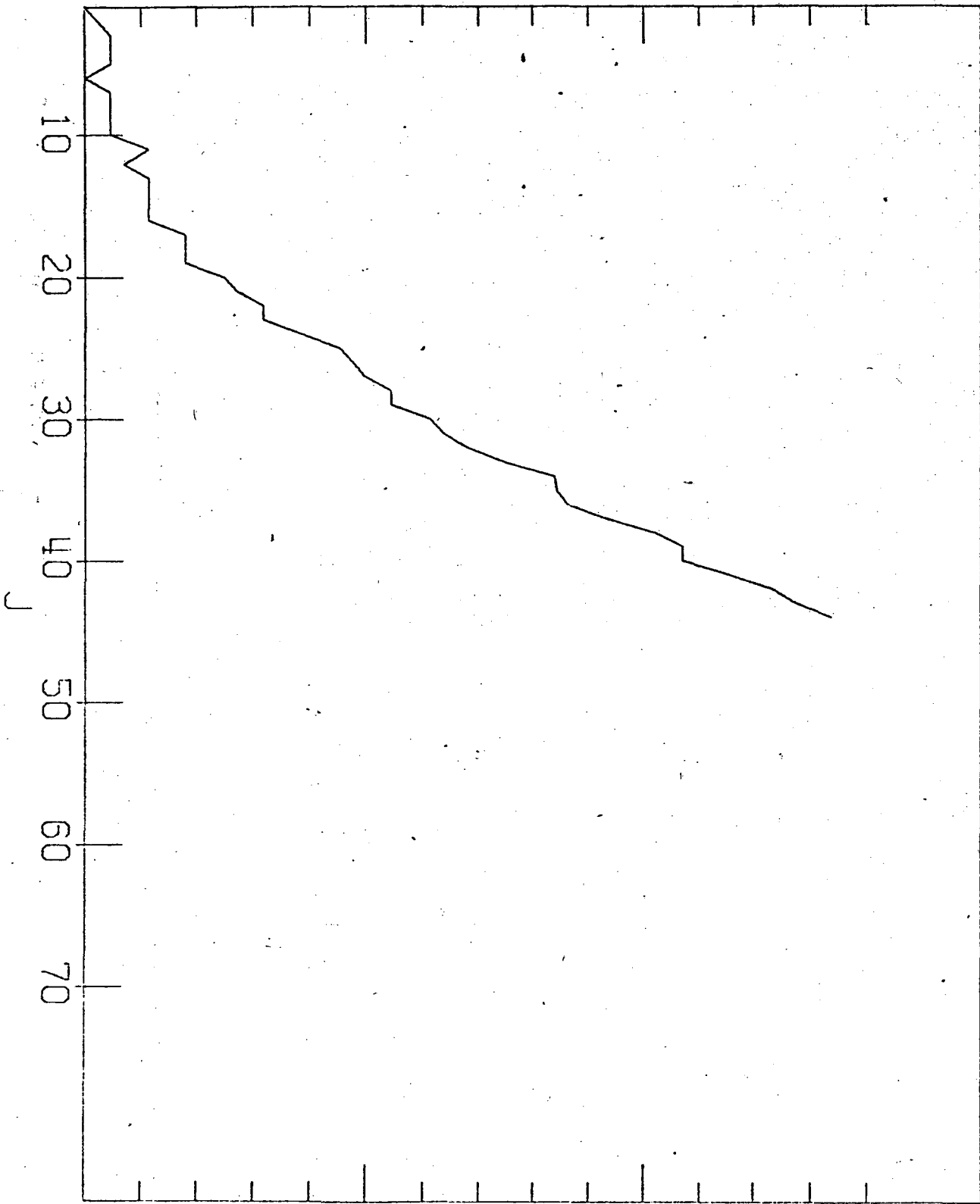


EXC. ENERGY (MEV)

1X10¹

2X10¹

YRST CURVE Z = 41 N = 52 A = 93



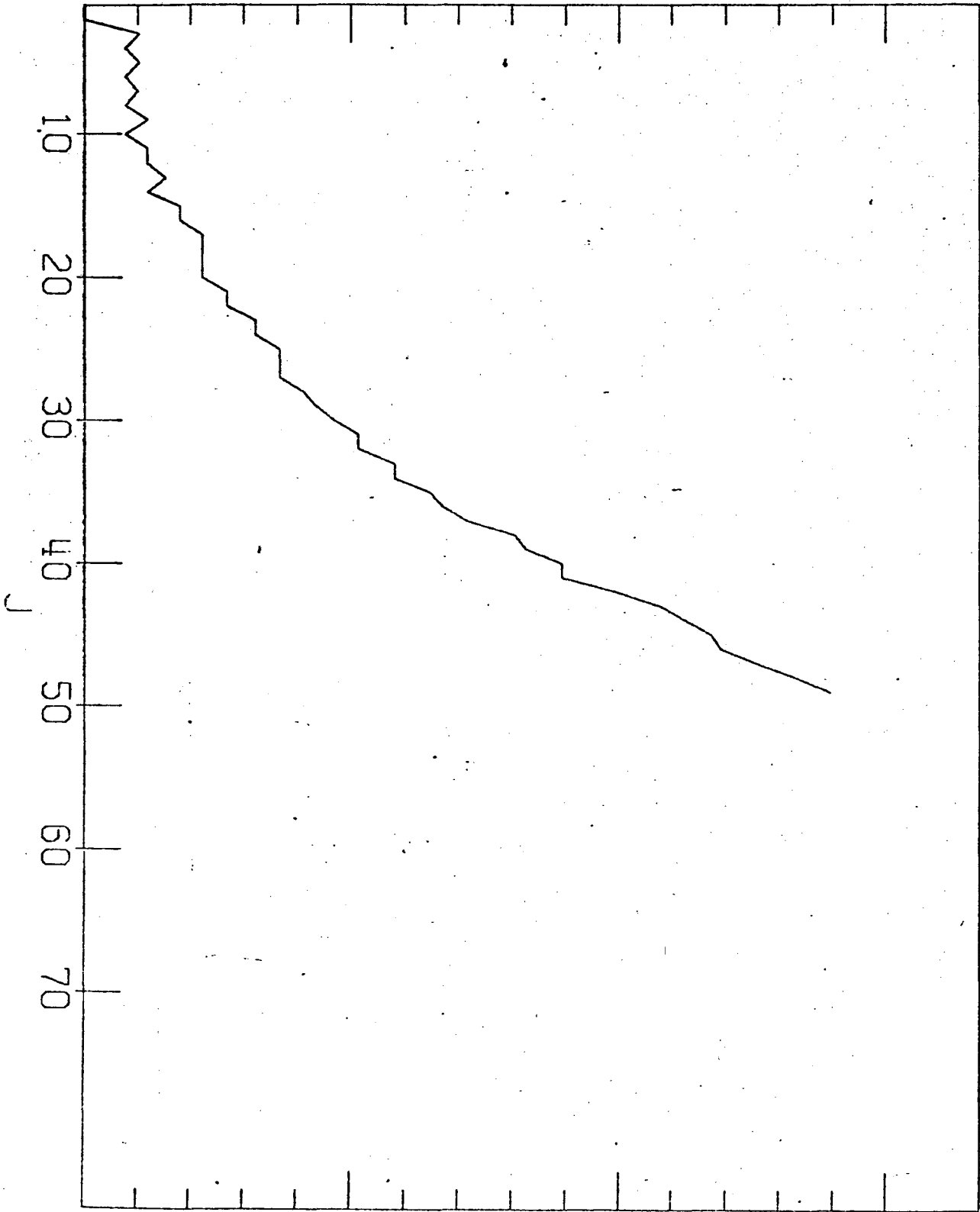
EXC. ENERGY (MEV)

3X10¹

2X10¹

1X10¹

TRRST CURVE Z = 42 N = 56 R = 98



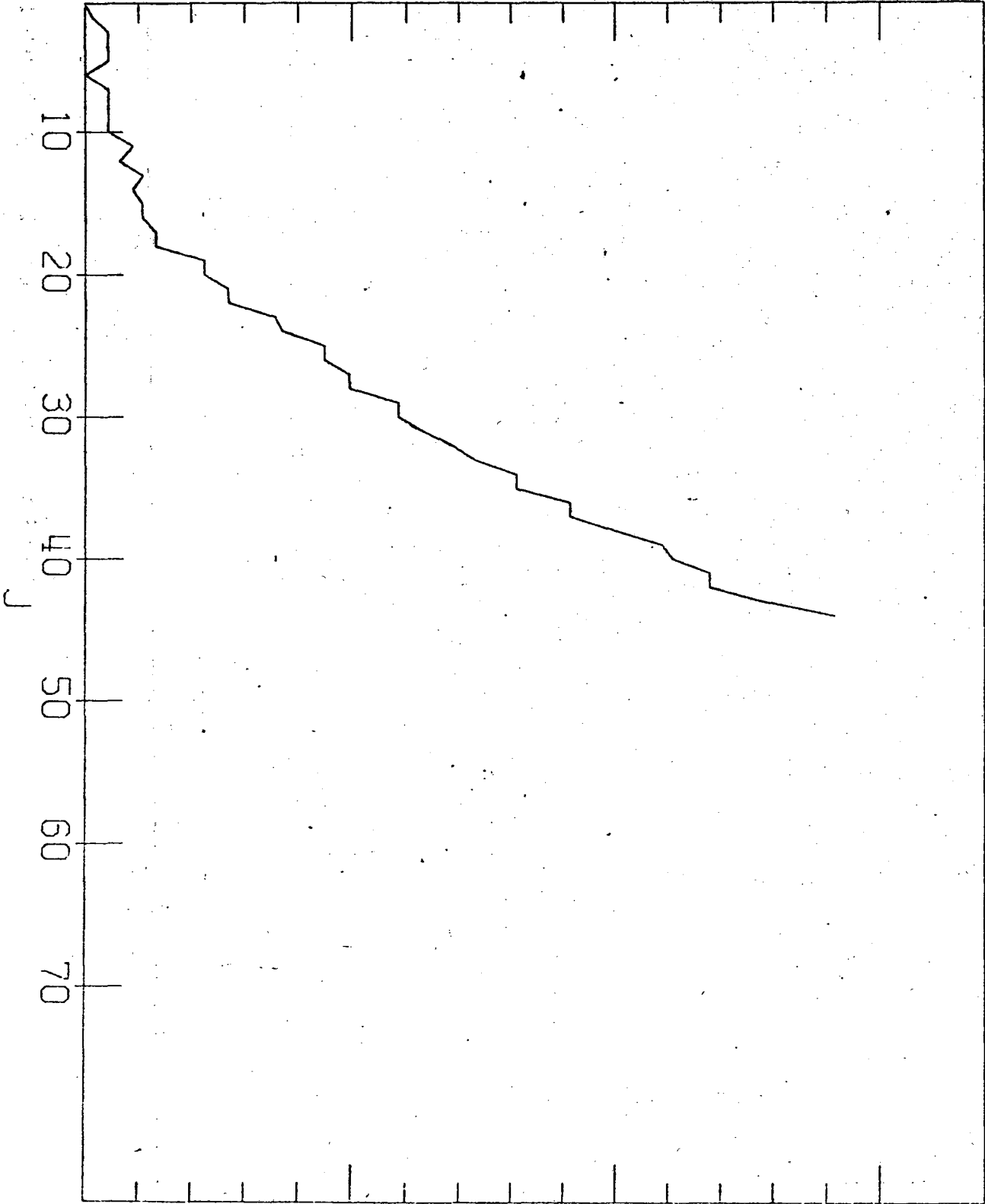
EXC. ENERGY (MEV)

3×10^1

2×10^1

1×10^1

TRRST CURVE Z = 43 N = 52 A = 95



EXC. ENERGY (MEV)

1 X 10¹

2 X 10¹

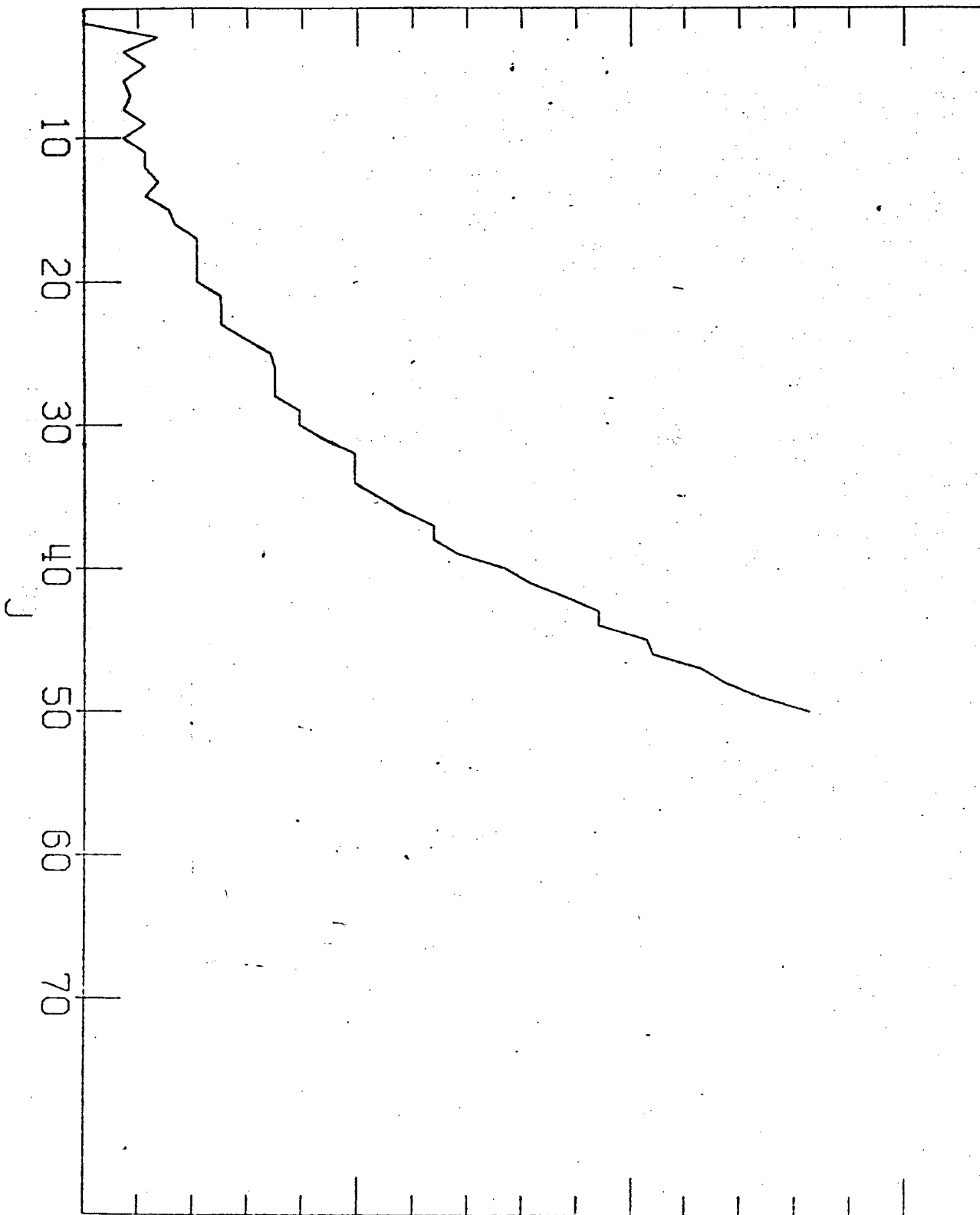
3 X 10¹

YRST CURVE

Z = 44

N = 58

A = 102



EXC. ENERGY (MEV)

1x10¹

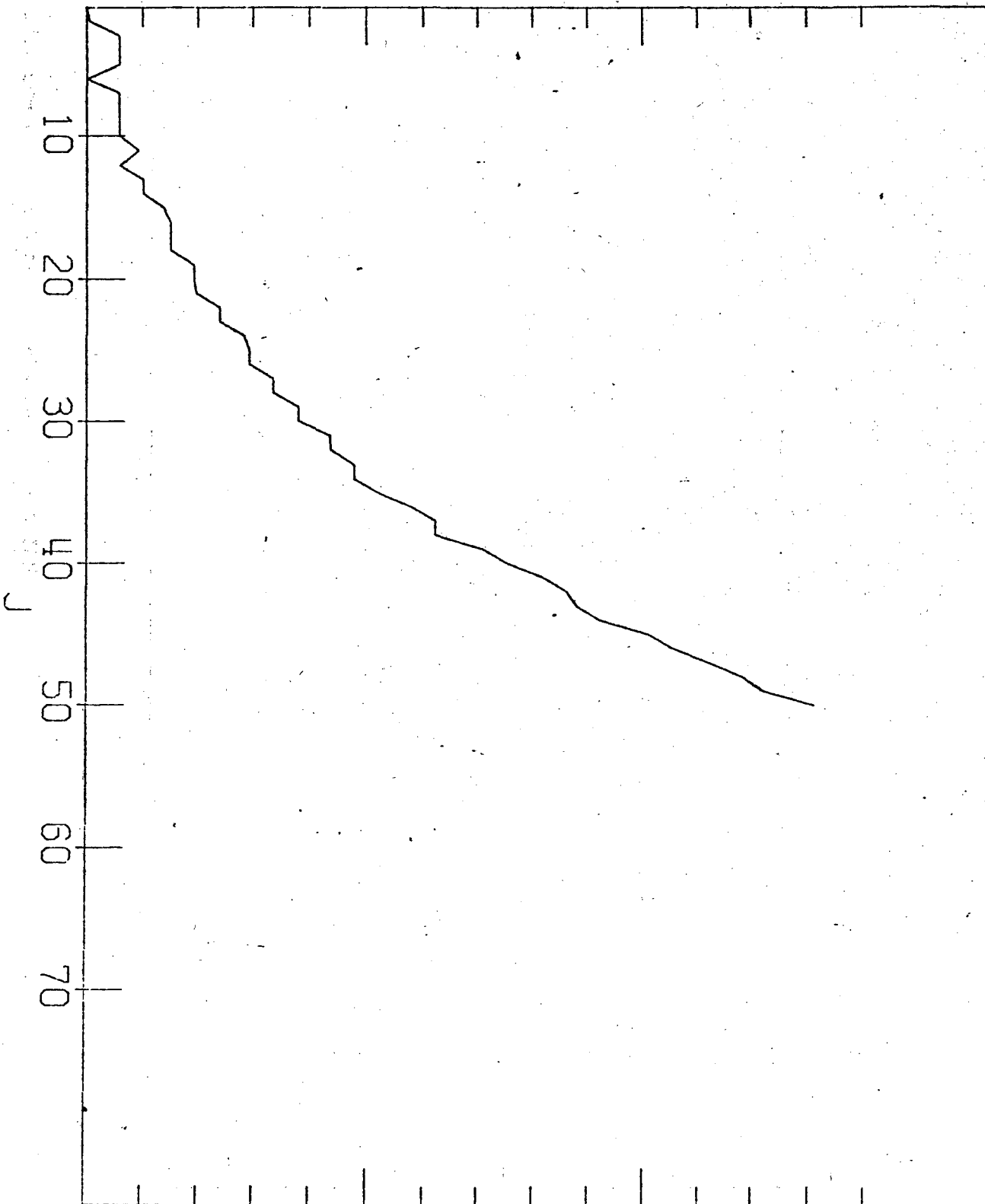
2x10¹

TRAST CURVE

Z = 45

N = 58

A = 103



EXC. ENERGY (MEV)

YRASI CURVE

Z = 46

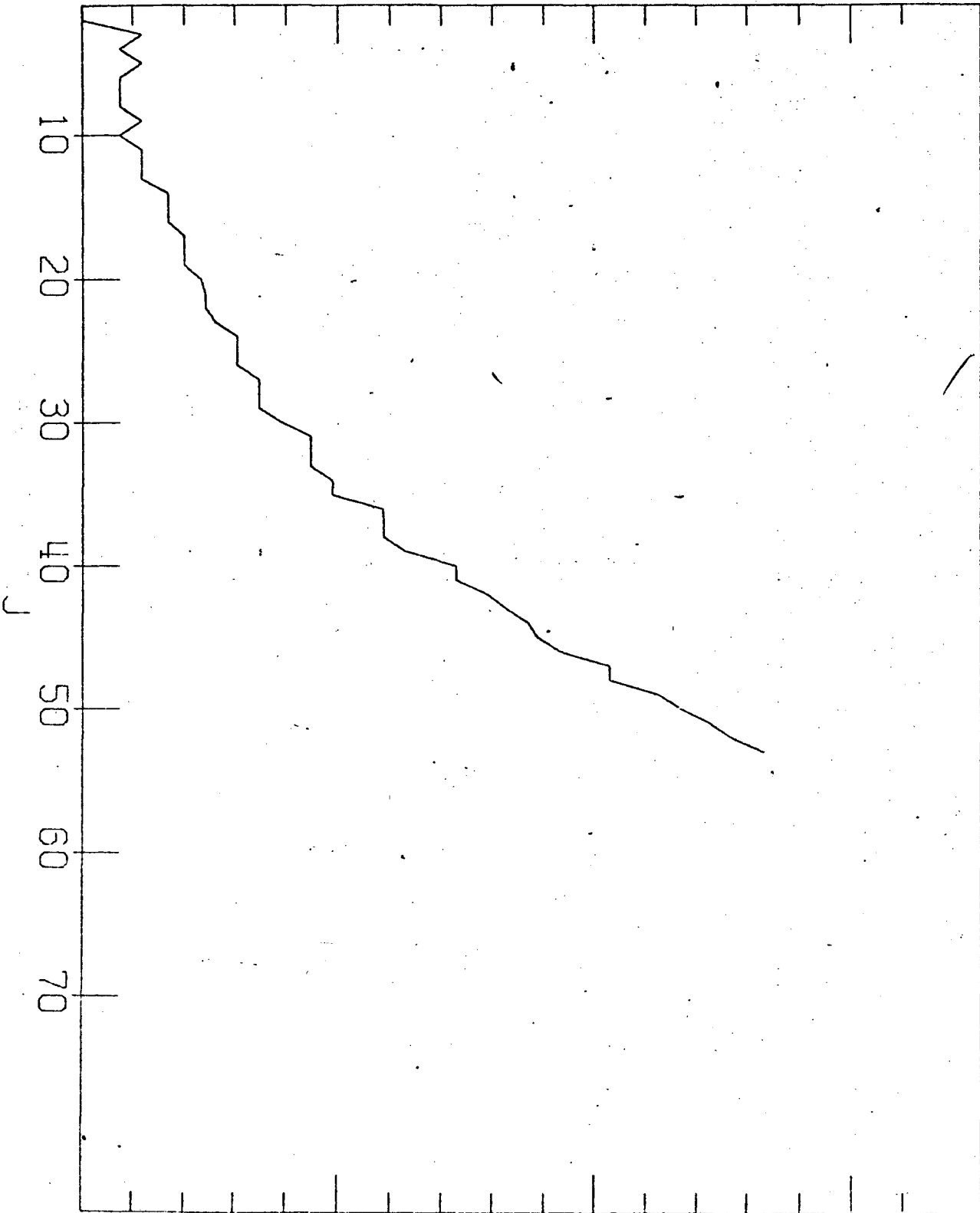
N = 60

A = 106

3X10¹

2X10¹

1X10¹



EXC. ENERGY (MEV)

3×10^1

2×10^1

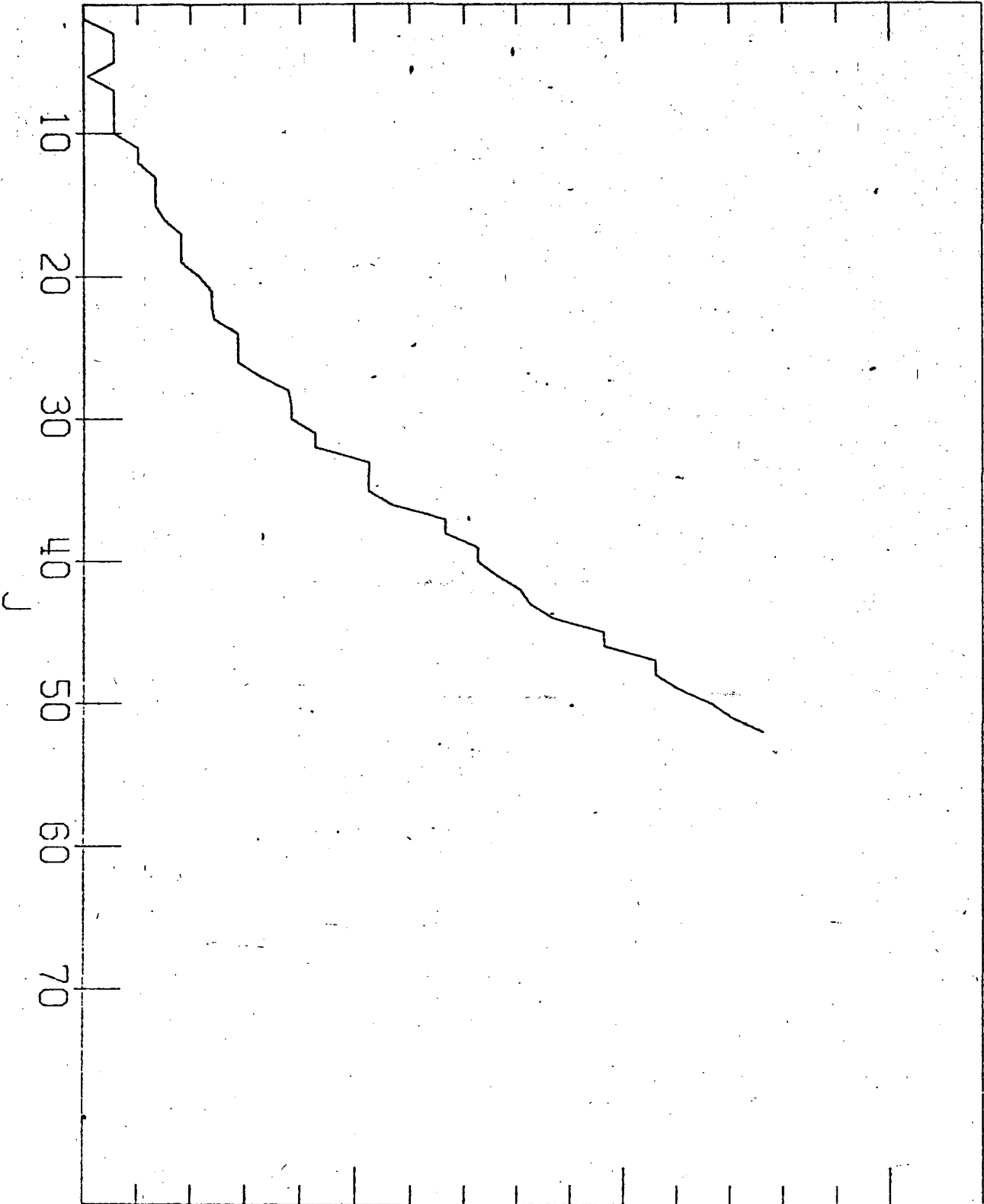
1×10^1

YRRAST CURVE

Z = 47

N = 60

A = 107



EXC. ENERGY (MEV)

1X10¹

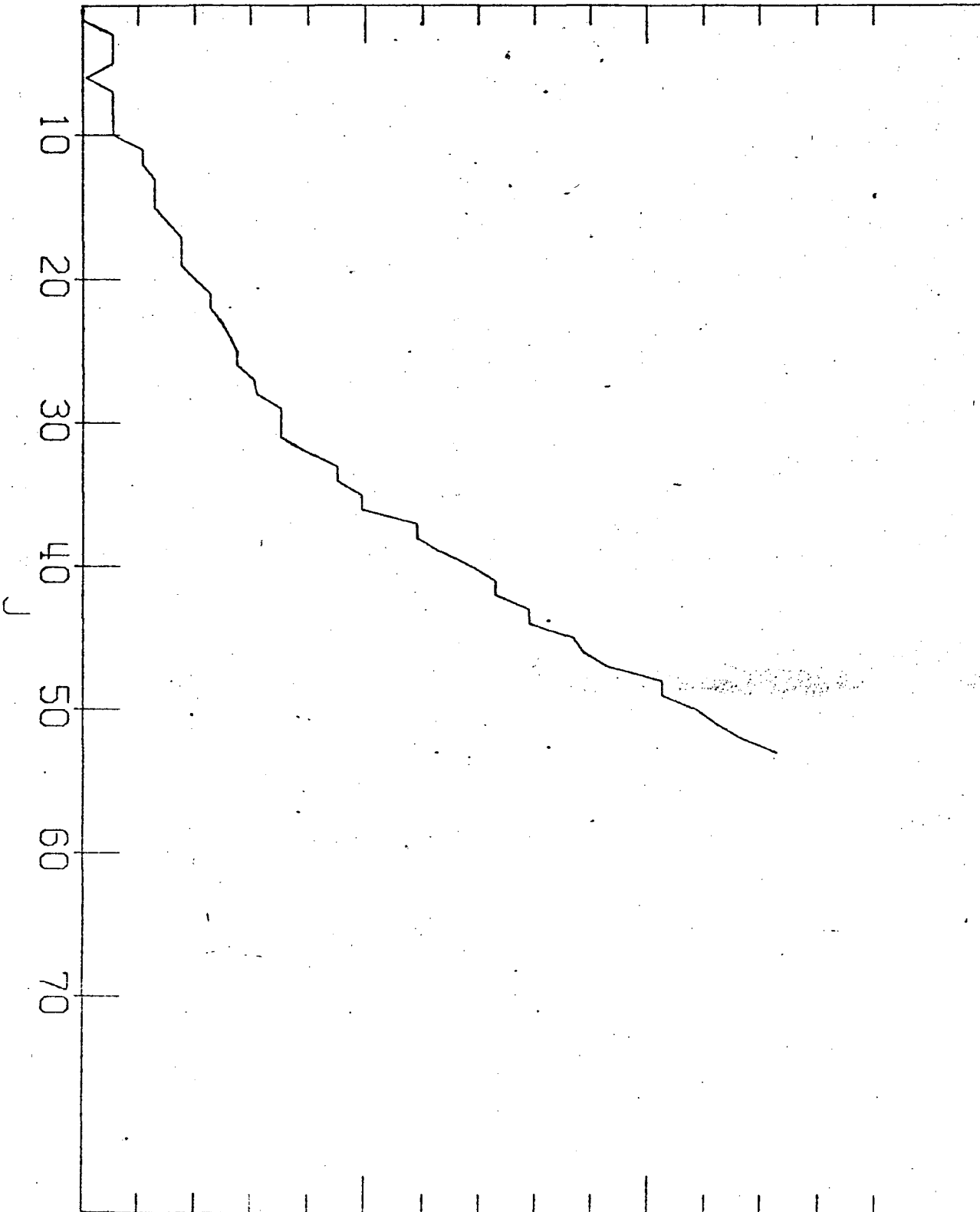
2X10¹

YRST CURVE

Z = 47

N = 62

A = 109



EXC. ENERGY (MEV)

1×10^4

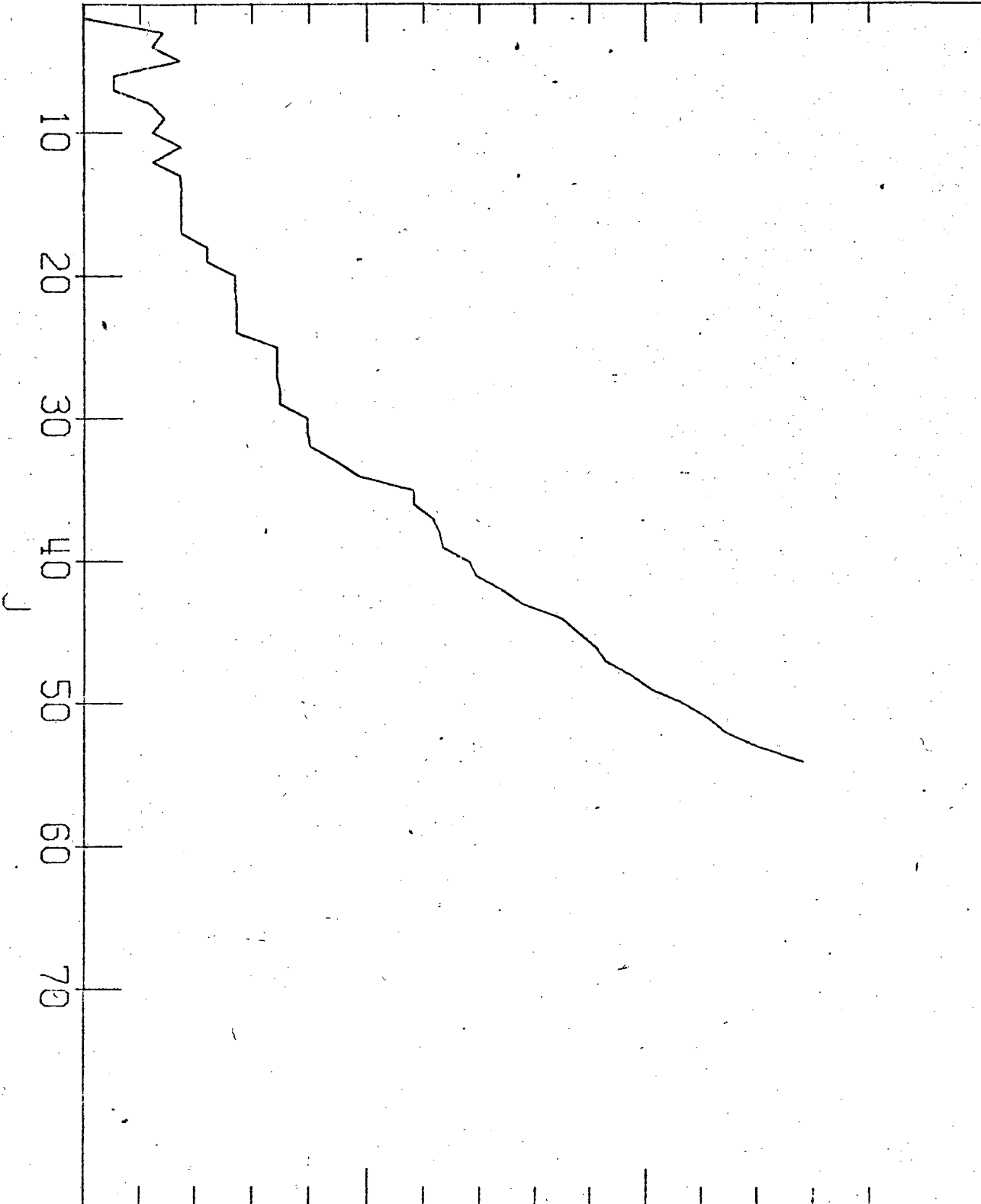
2×10^4

YRST CURVE

Z = 48

N = 66

R = 114



EXC. ENERGY (MEV)

3X10¹

2X10¹

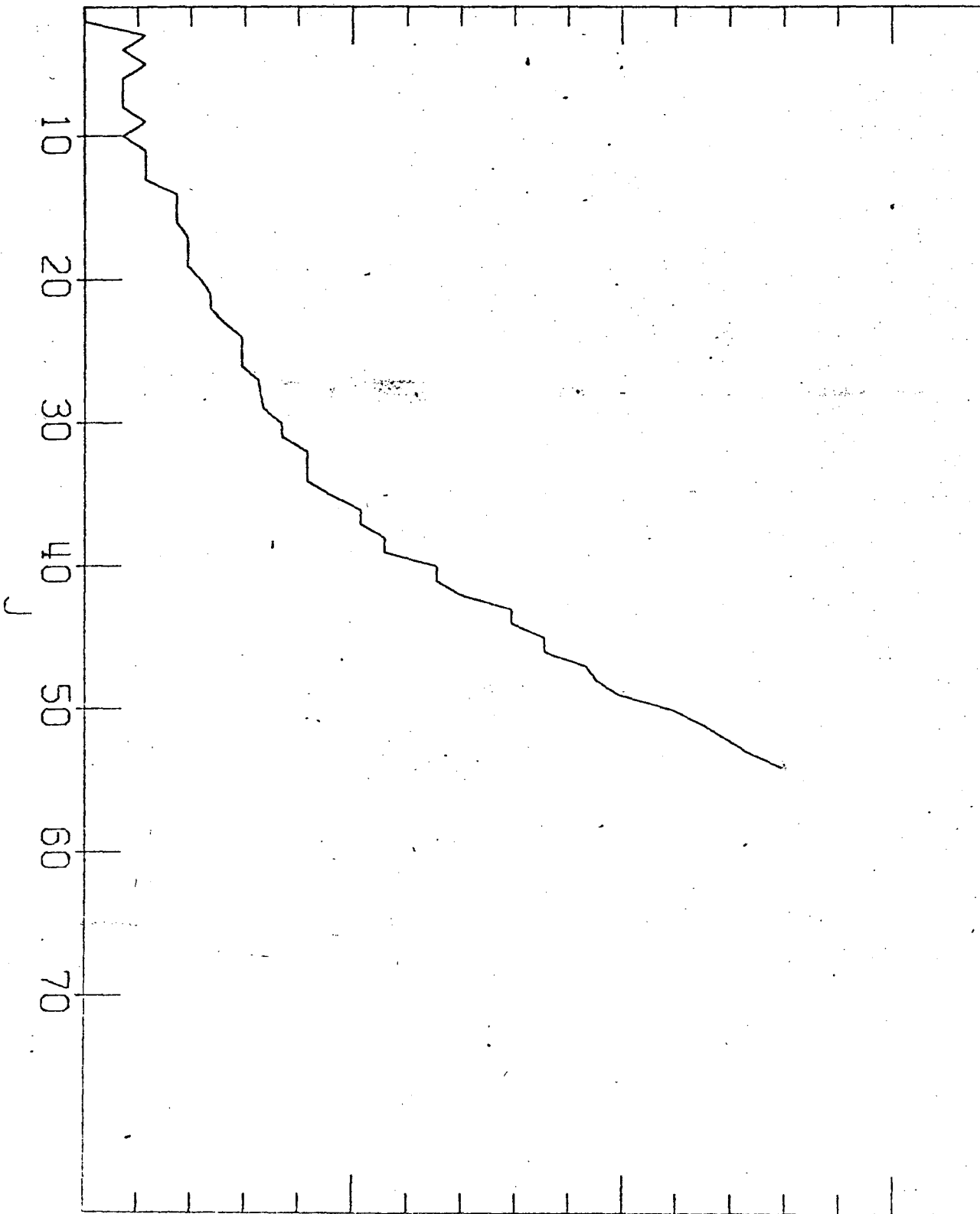
1X10¹

TRAST CURVE

Z = 46

N = 62

A = 108



EXC. ENERGY (MEV)

1×10^1

2×10^1

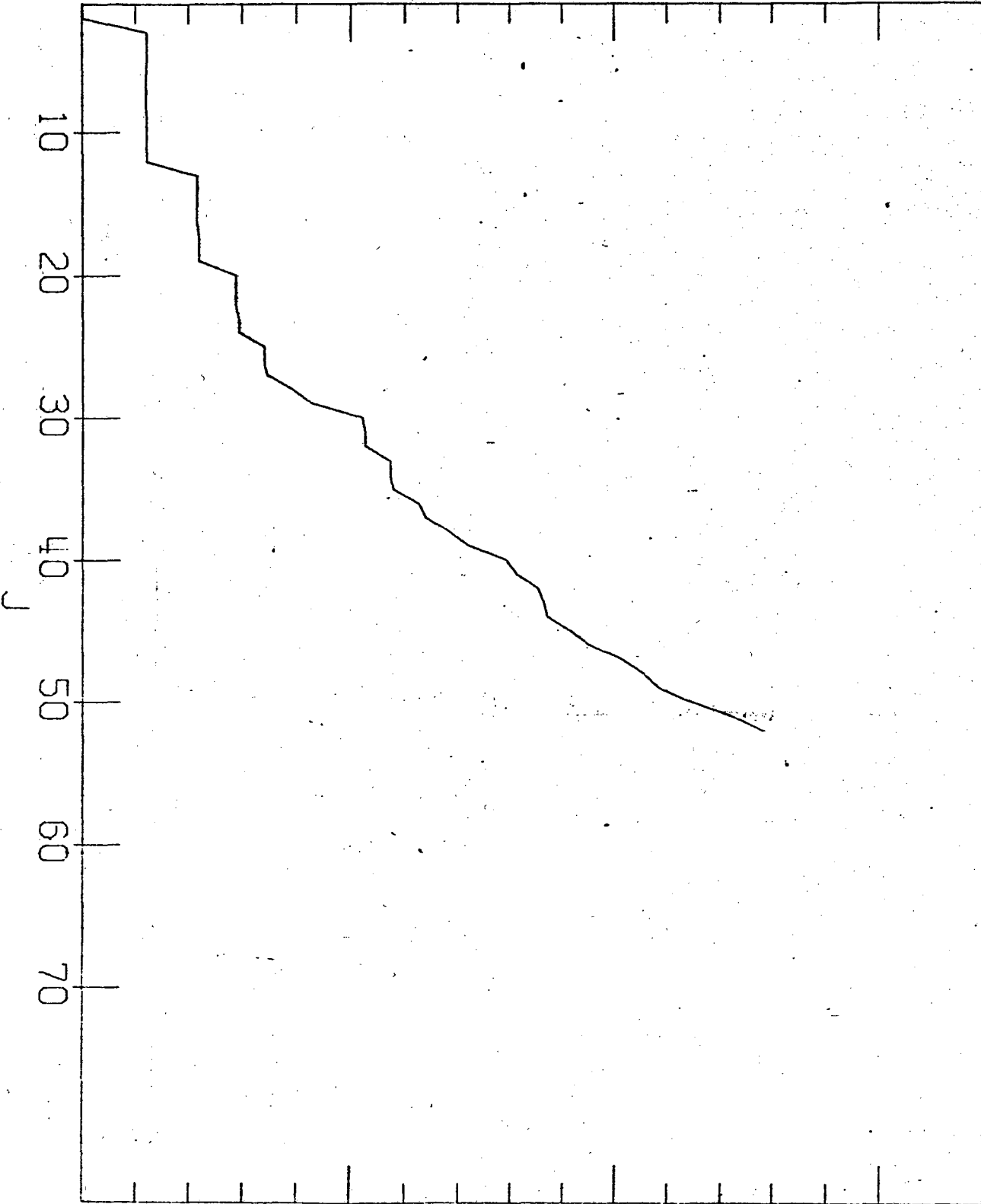
3×10^1

TRAST CURVE

Z = 49

N = 66

R = 115



EXC. ENERGY (MEV)

3X 10¹

2X 10¹

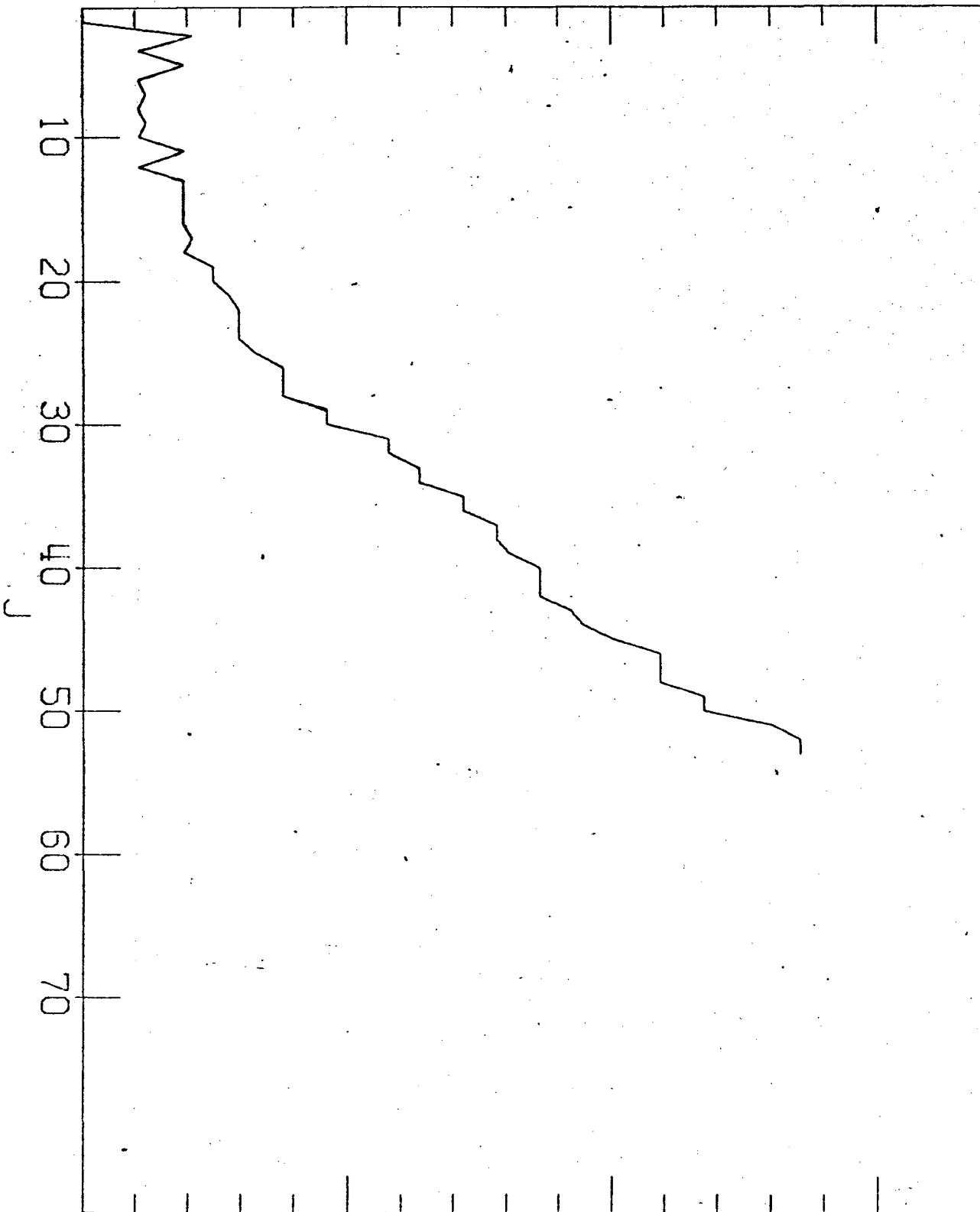
1X 10¹

YRST CURVE

Z = 50

N = 70

A = 120



EXC. ENERGY (MEV)

3×10^1

2×10^1

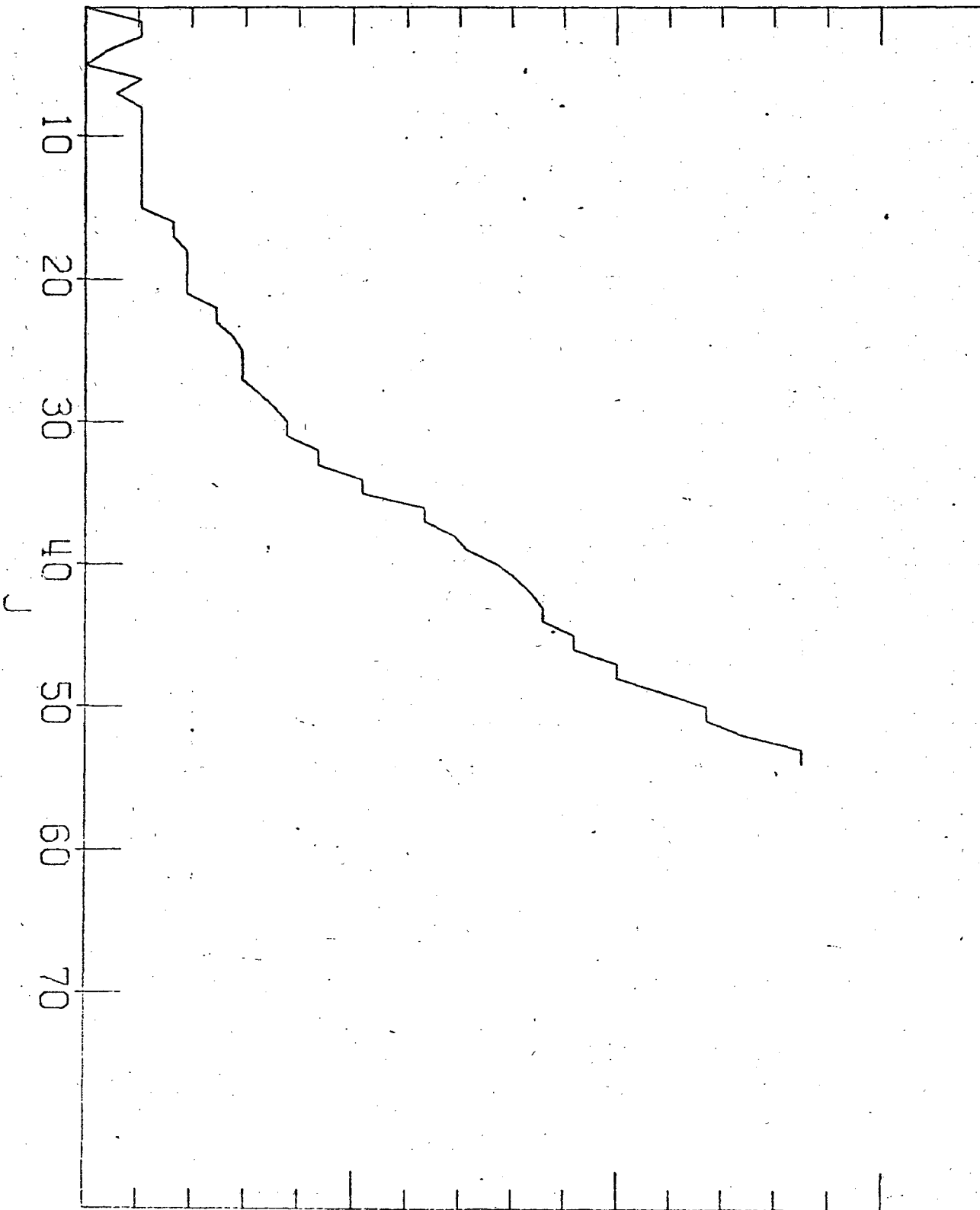
1×10^1

YRST CURVE

Z = 51

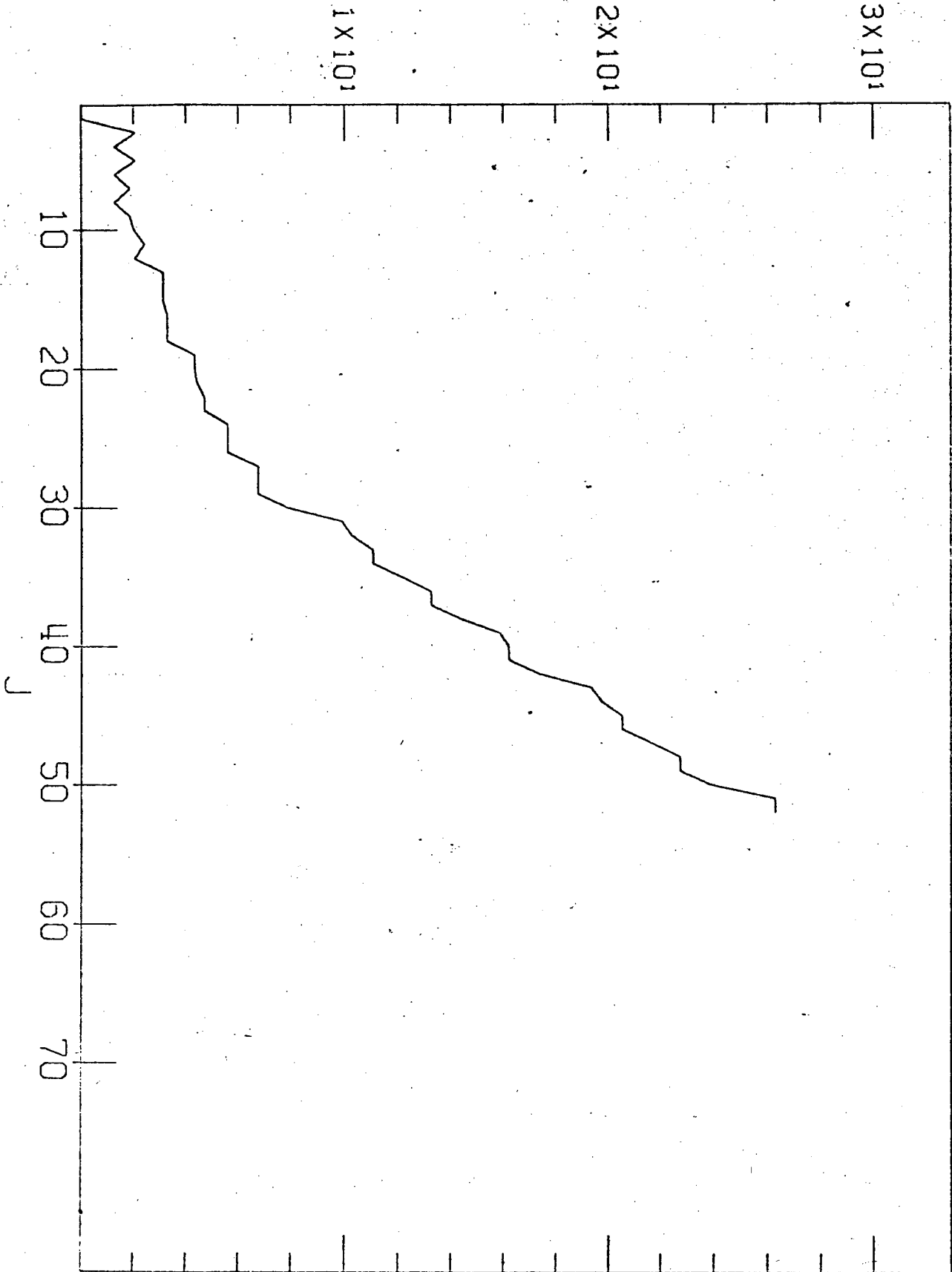
N = 70

A = 121



EXC. ENERGY (MEV)

YRRAST CURVE Z = 52 N = 76 A = 128



EXC. ENERGY (MEV)

1X10¹

2X10¹

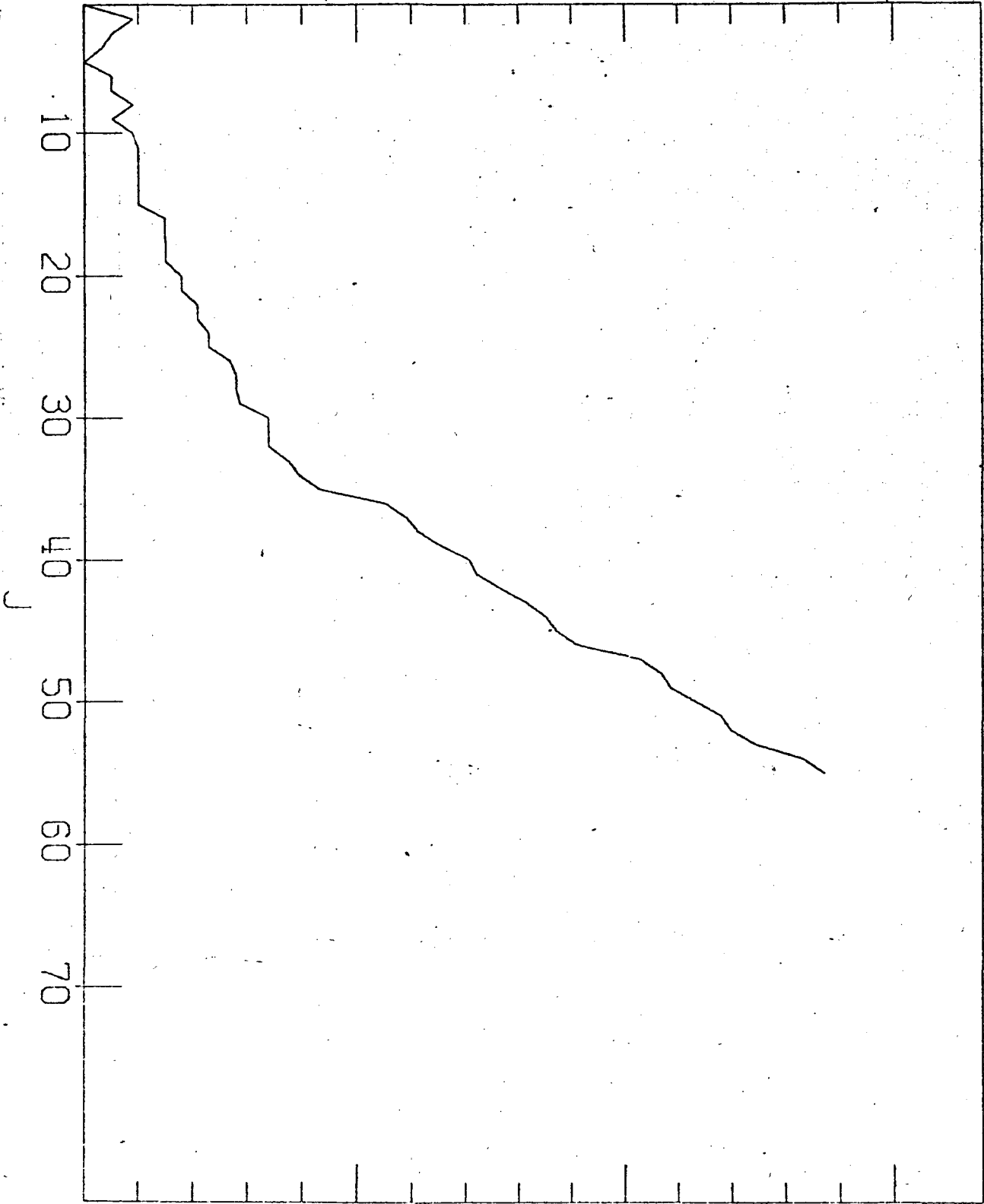
3X10¹

YRST CURVE

Z = 53

N = 74

A = 127



EXC. ENERGY (MEV)

3X10⁴

2X10⁴

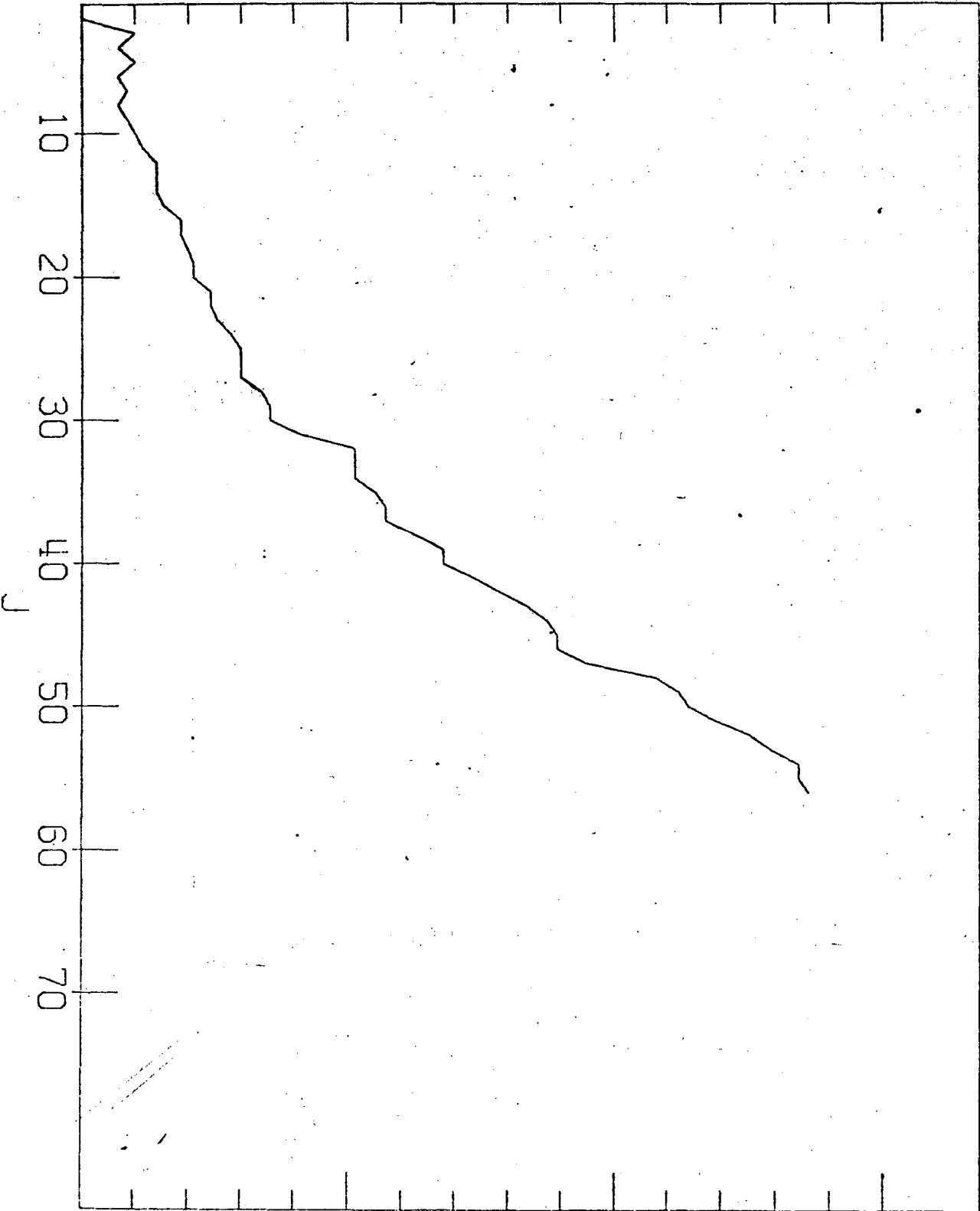
1X10⁴

YRAST CURVE

Z = 54

N = 78

A = 132



EXC. ENERGY (MEV)

3X10¹

2X10¹

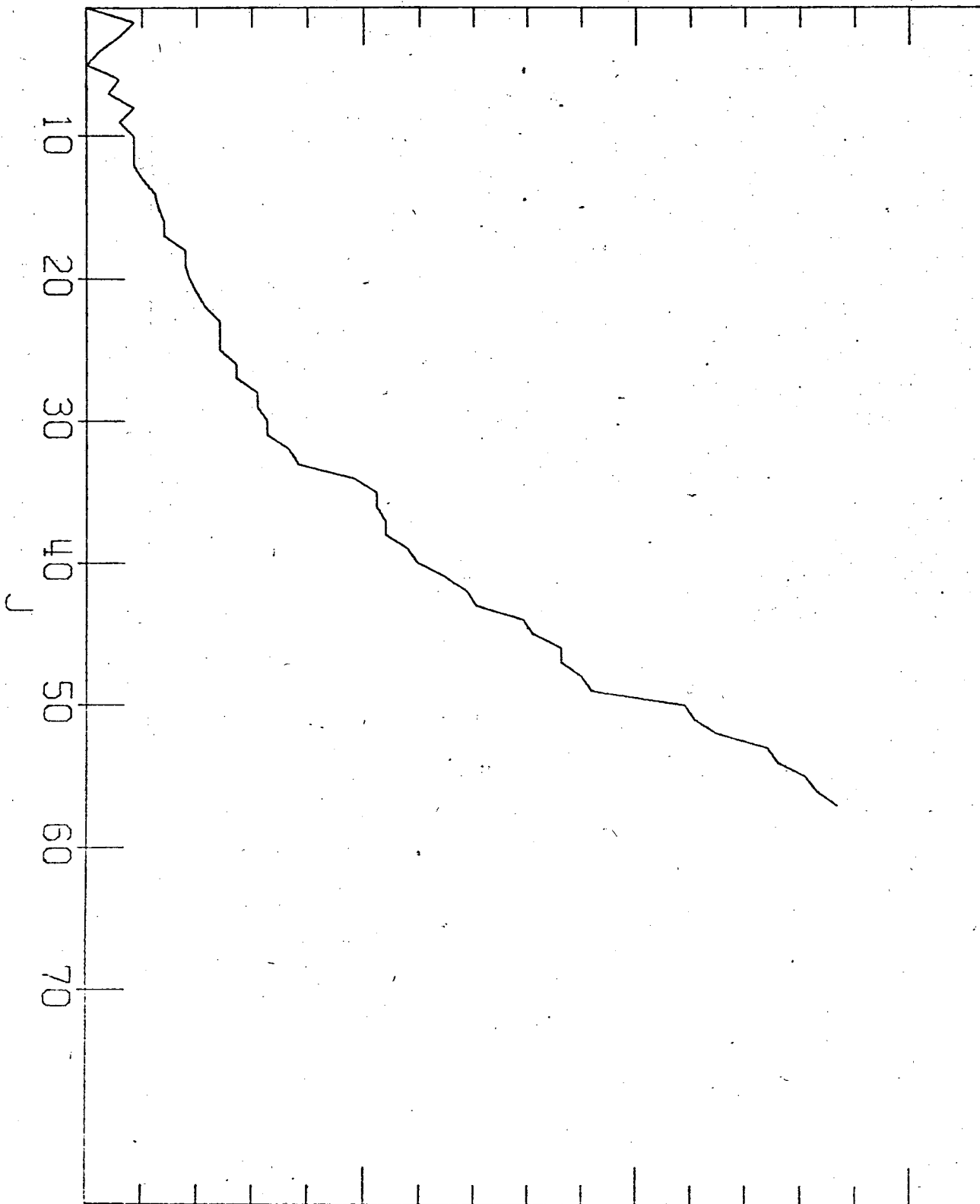
1X10¹

YRST CURVE

Z = 55

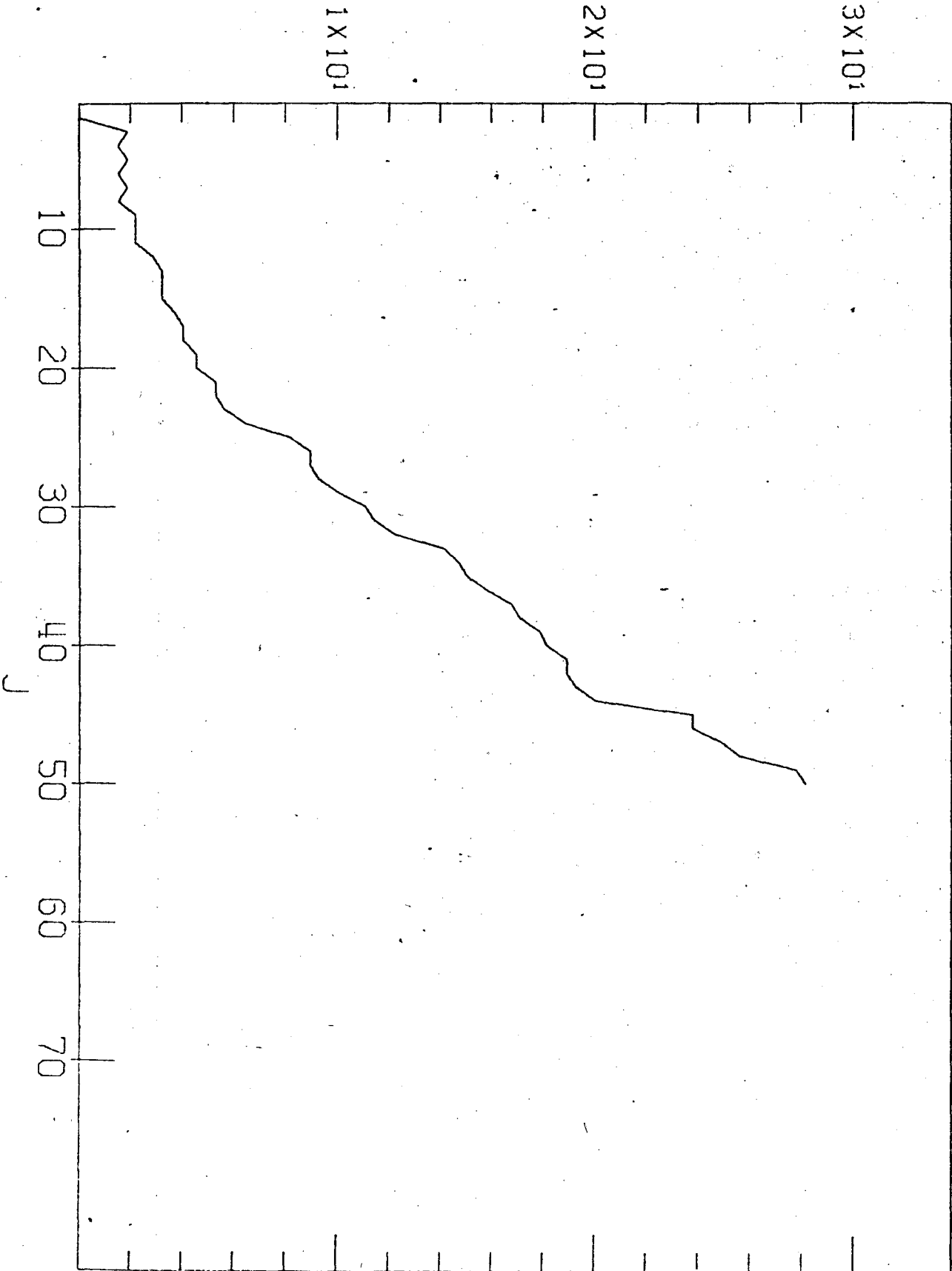
N = 78

A = 133



EXC. ENERGY (MEV)

YRST CURVE Z = 55 N = 82 A = 139



EXC. ENERGY (MEV)

1 X 10¹

2 X 10¹

3 X 10¹

TRAST CURVE

Z = 57

N = 82

A = 139



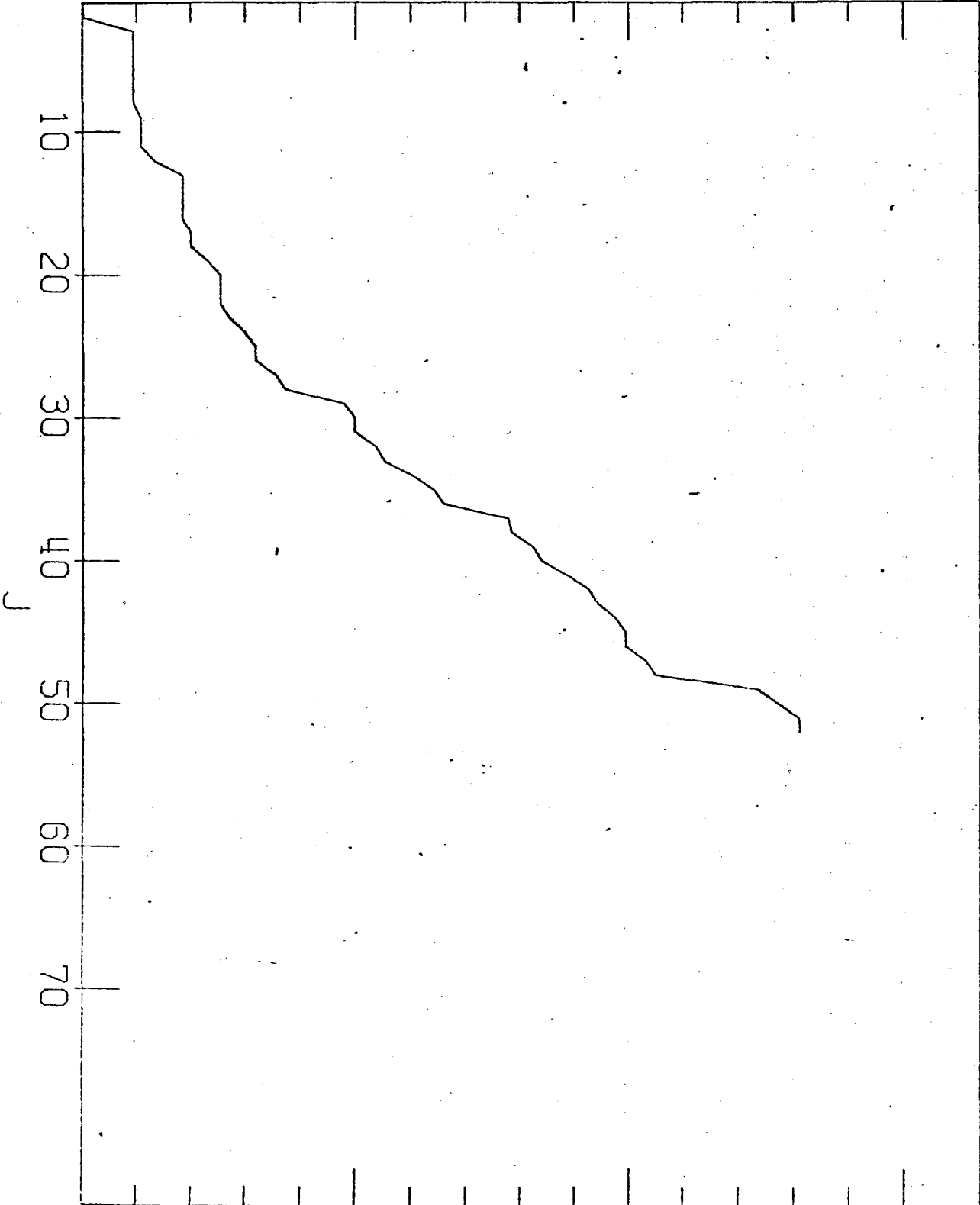
EXC. ENERGY (MEV)

3×10^1

2×10^1

1×10^1

YRST CURVE Z = 58 N = 82 A = 140



EXC. ENERGY (MEV)

1×10^1

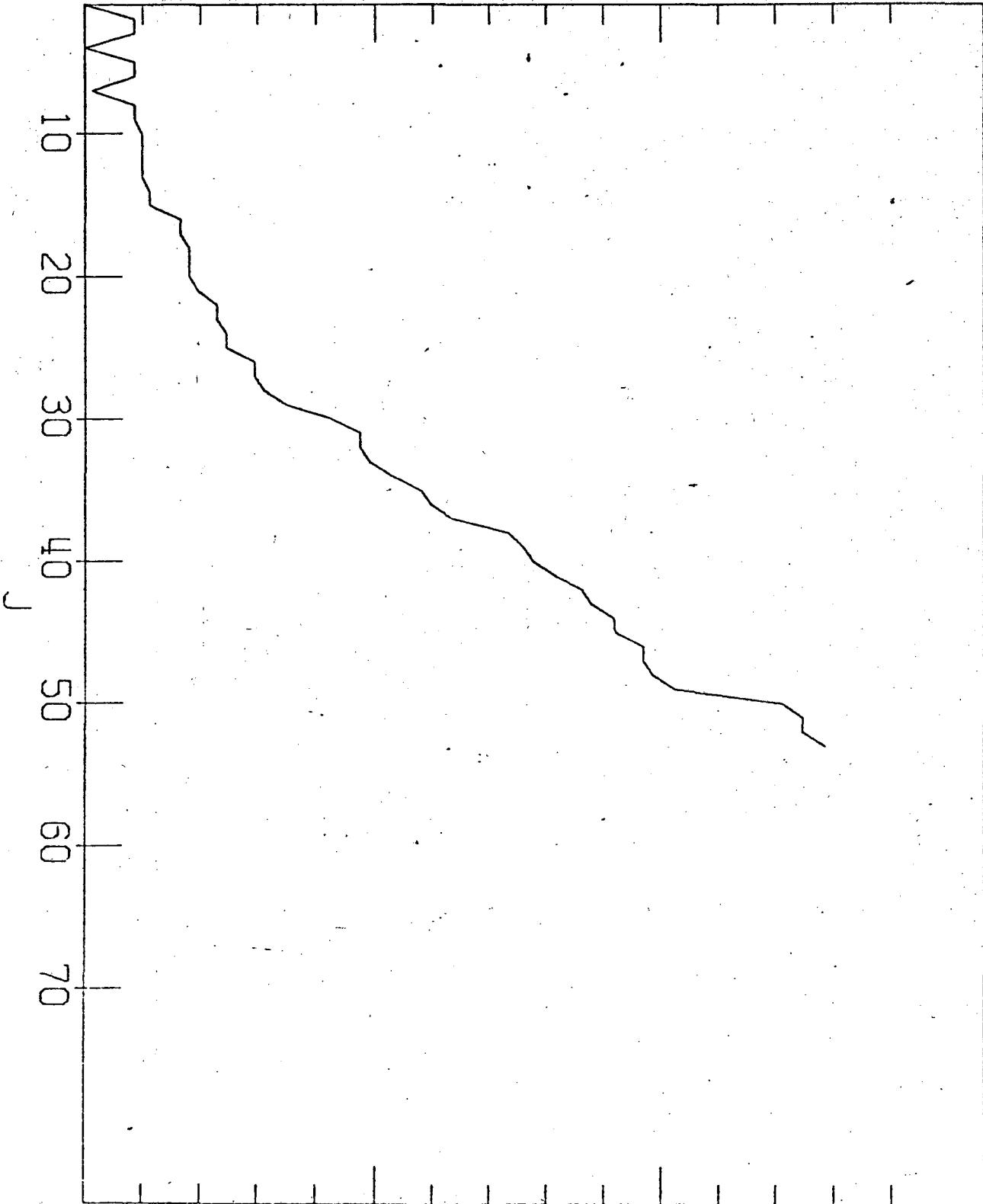
2×10^1

TRRST CURVE

Z = 59

N = 82

A = 141



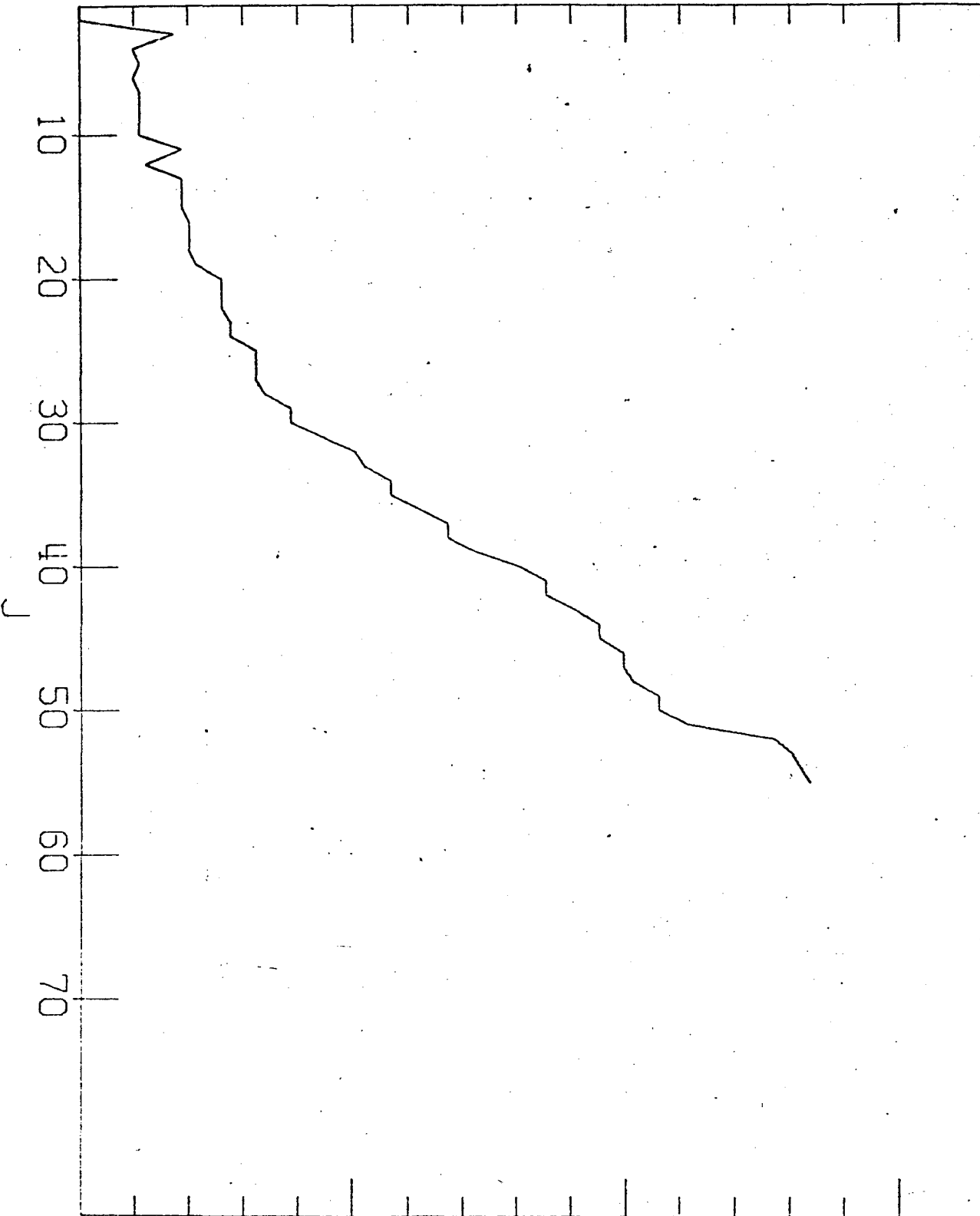
EXC. ENERGY (MEV)

1×10^1

2×10^1

3×10^1

YRST CURVE Z = 60 N = 82 H = 142



EXC. ENERGY (MEV)

1×10^1

2×10^1

3×10^1

YRST CURVE

Z = 61

N = 84

A = 145



EXC. ENERGY (MEV)

1X10¹

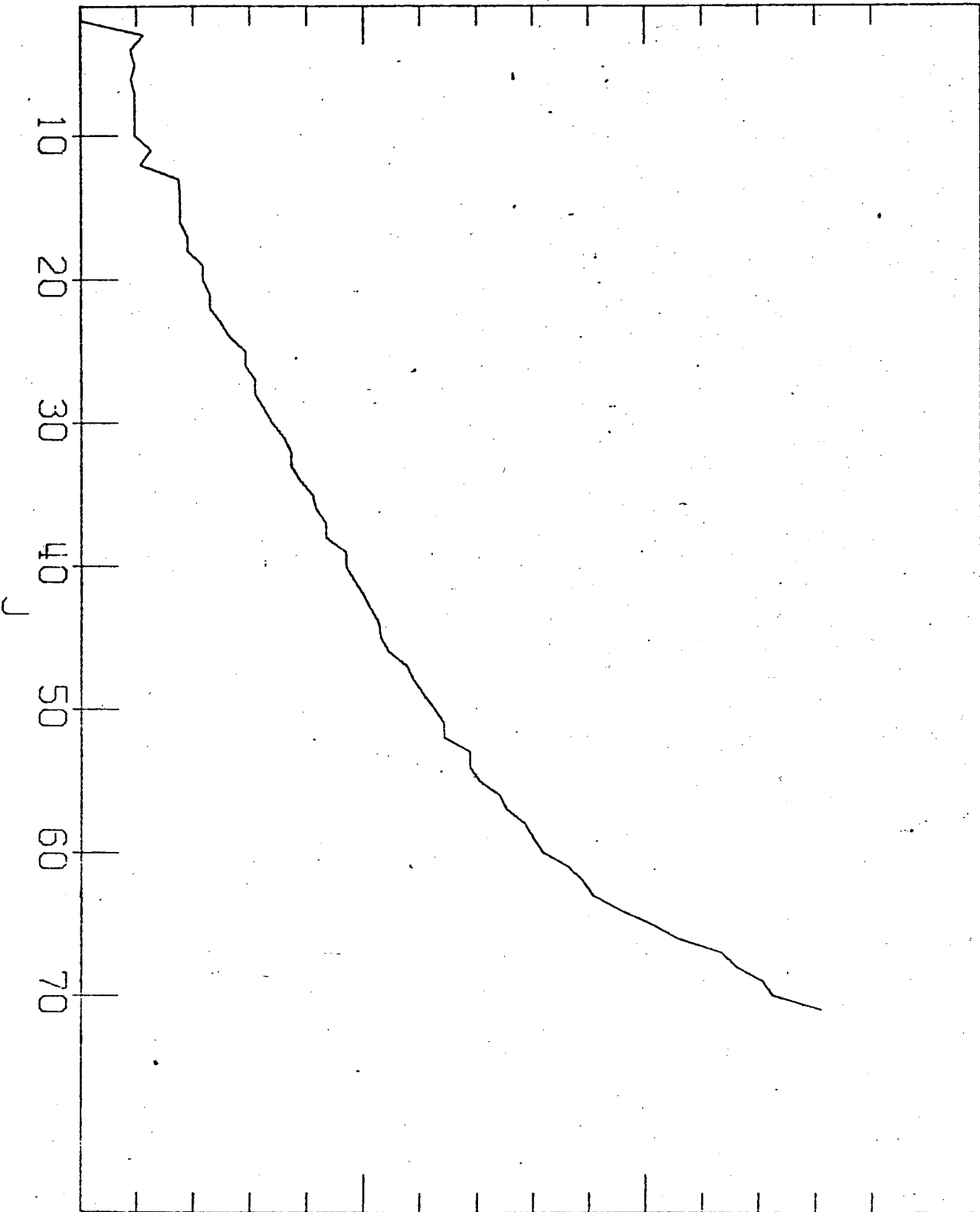
2X10¹

TRAST CURVE

Z = 62

N = 90

A = 152



EXC. ENERGY (MEV)

1×10^1

2×10^1

YRST CURVE

Z = 63

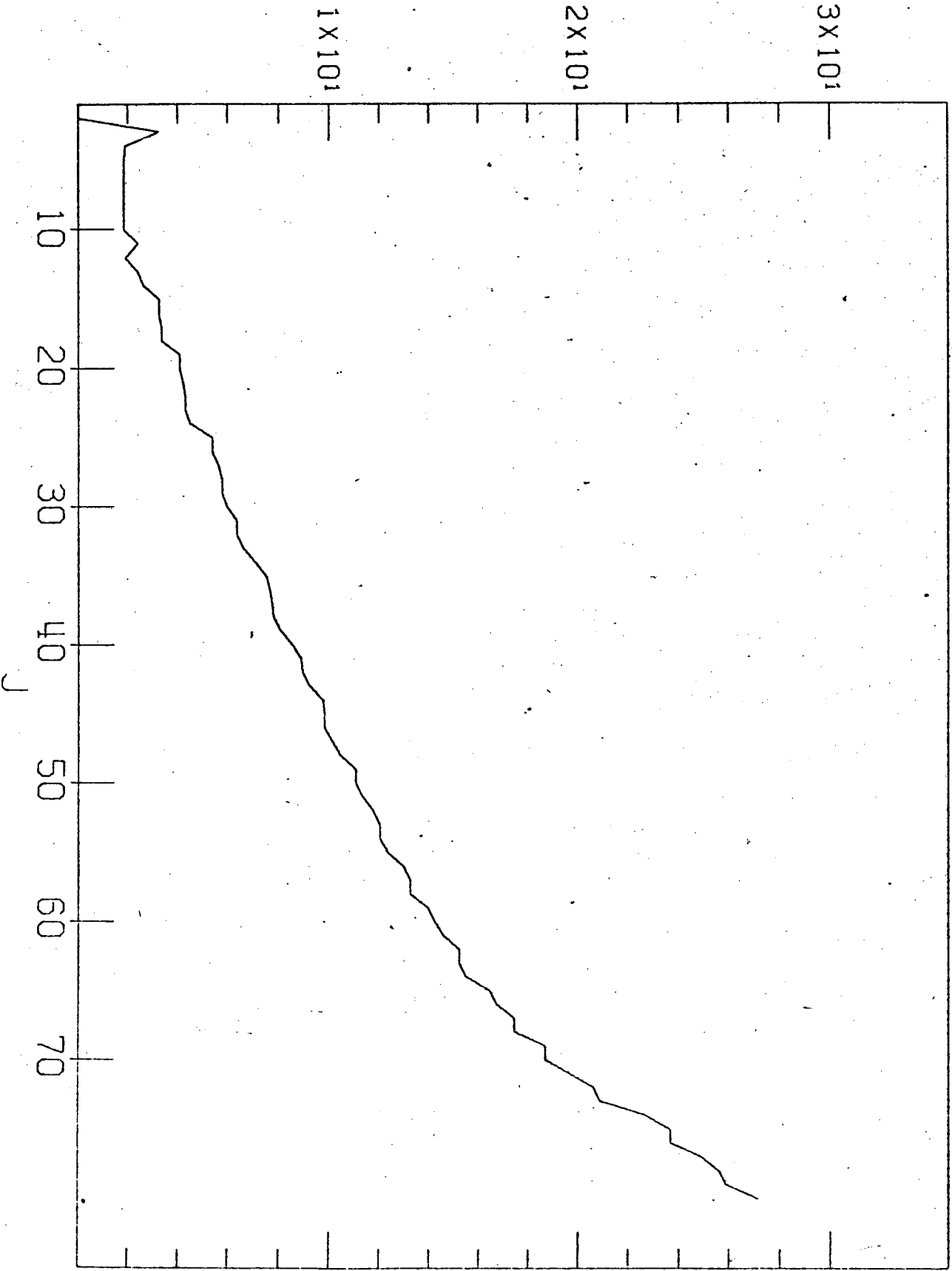
N = 90

A = 153



EXC. ENERGY (MEV)

YRST CURVE Z = 64 N = 94 A = 158



EXC. ENERGY (MEV)

3 X 10¹

2 X 10¹

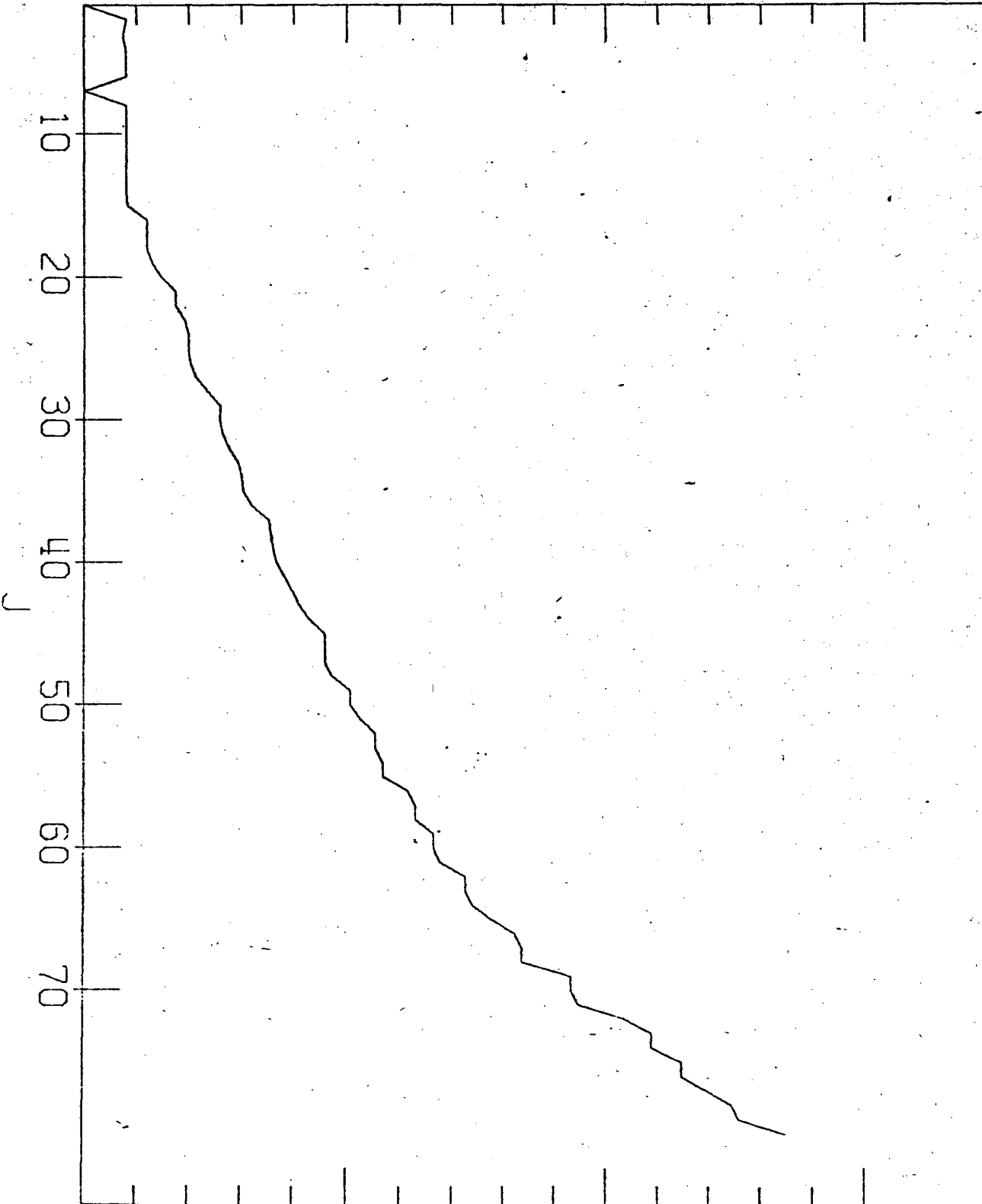
1 X 10¹

YRST CURVE

Z = 65

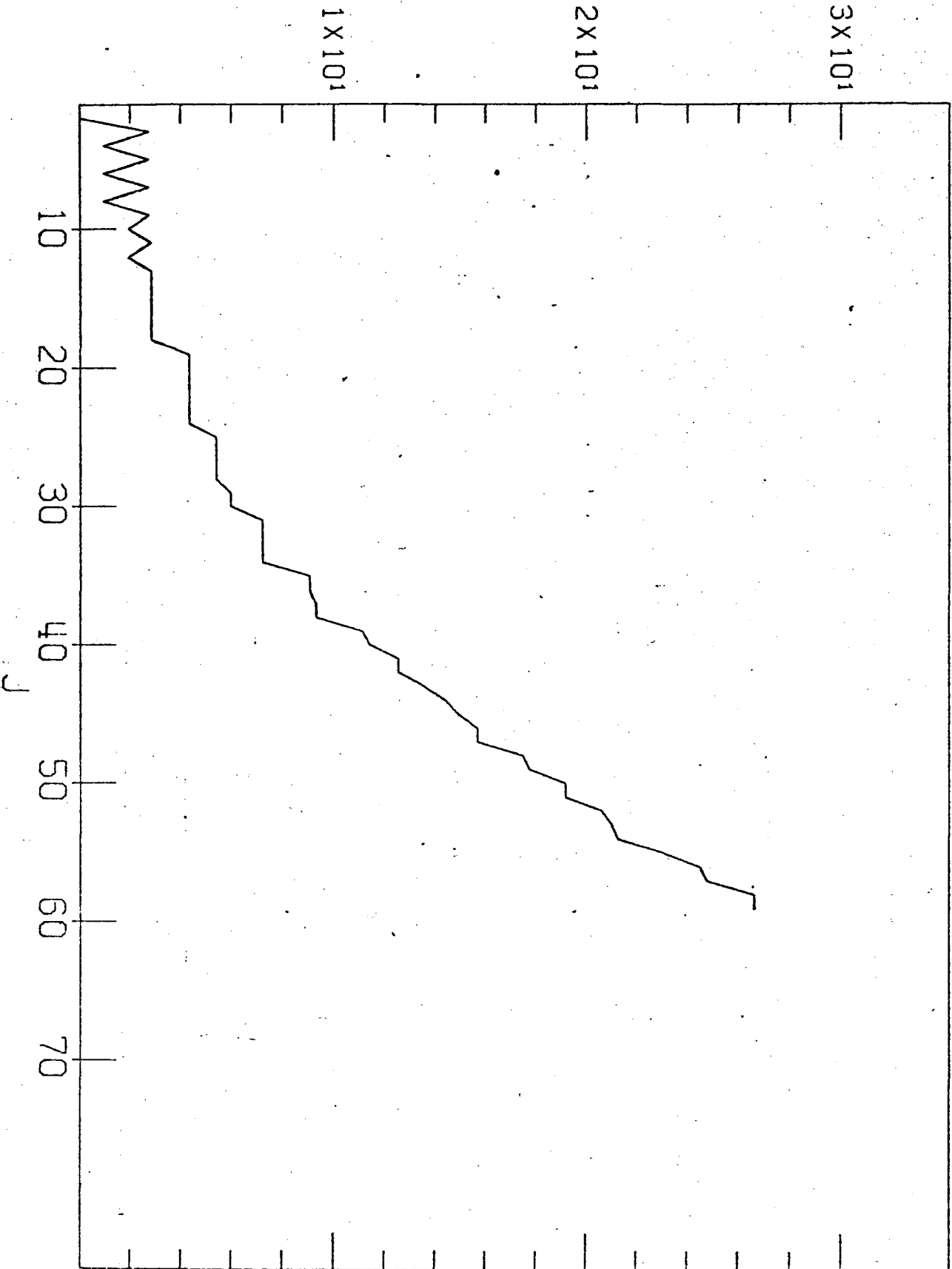
N = 94

A = 159



EXC. ENERGY (MEV)

YRST CURVE Z = 66 N = 84 R = 150



EXC. ENERGY (MEV)

3X10¹

2X10¹

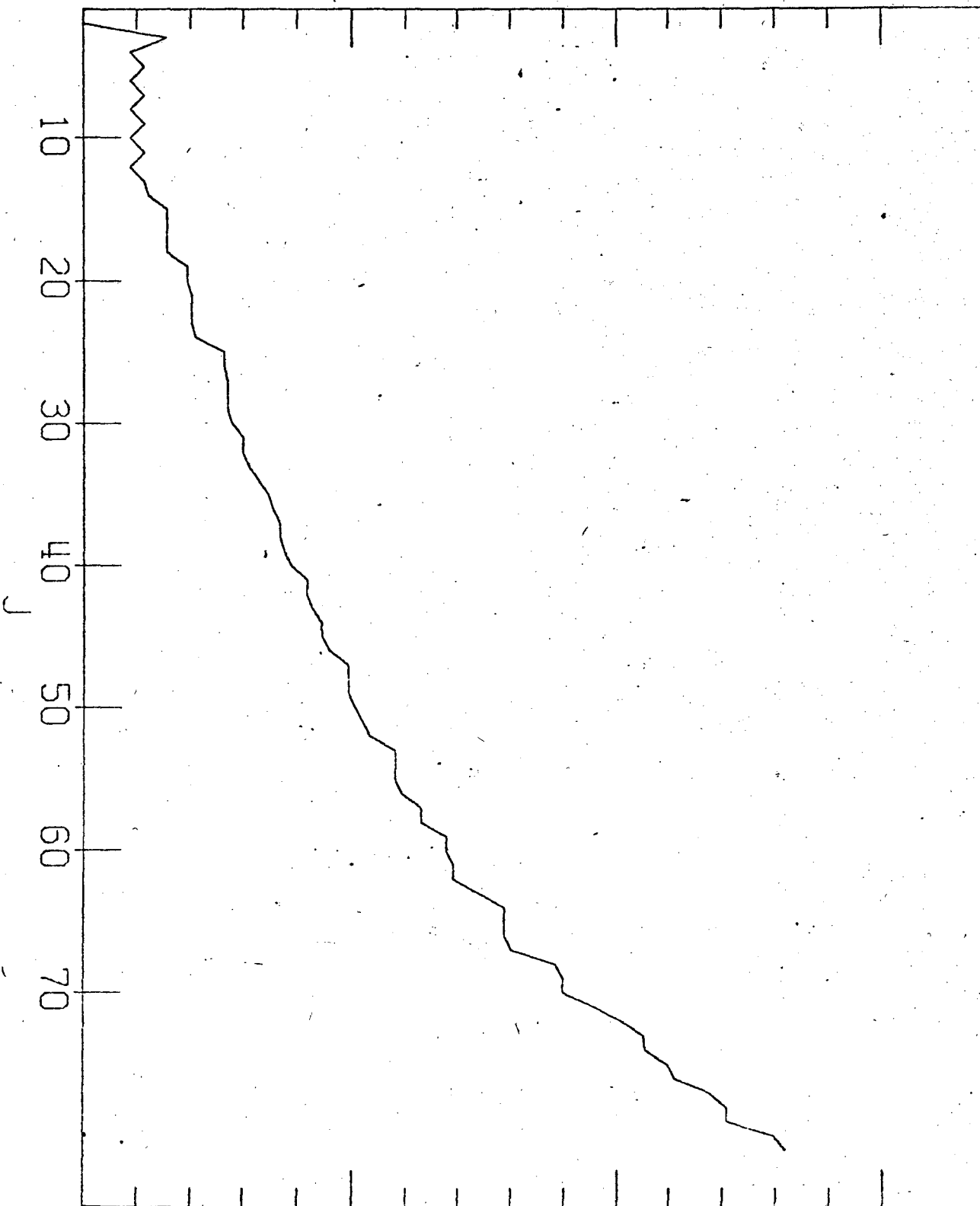
1X10¹

TRAST CURVE

Z = 66

N = 96

A = 162



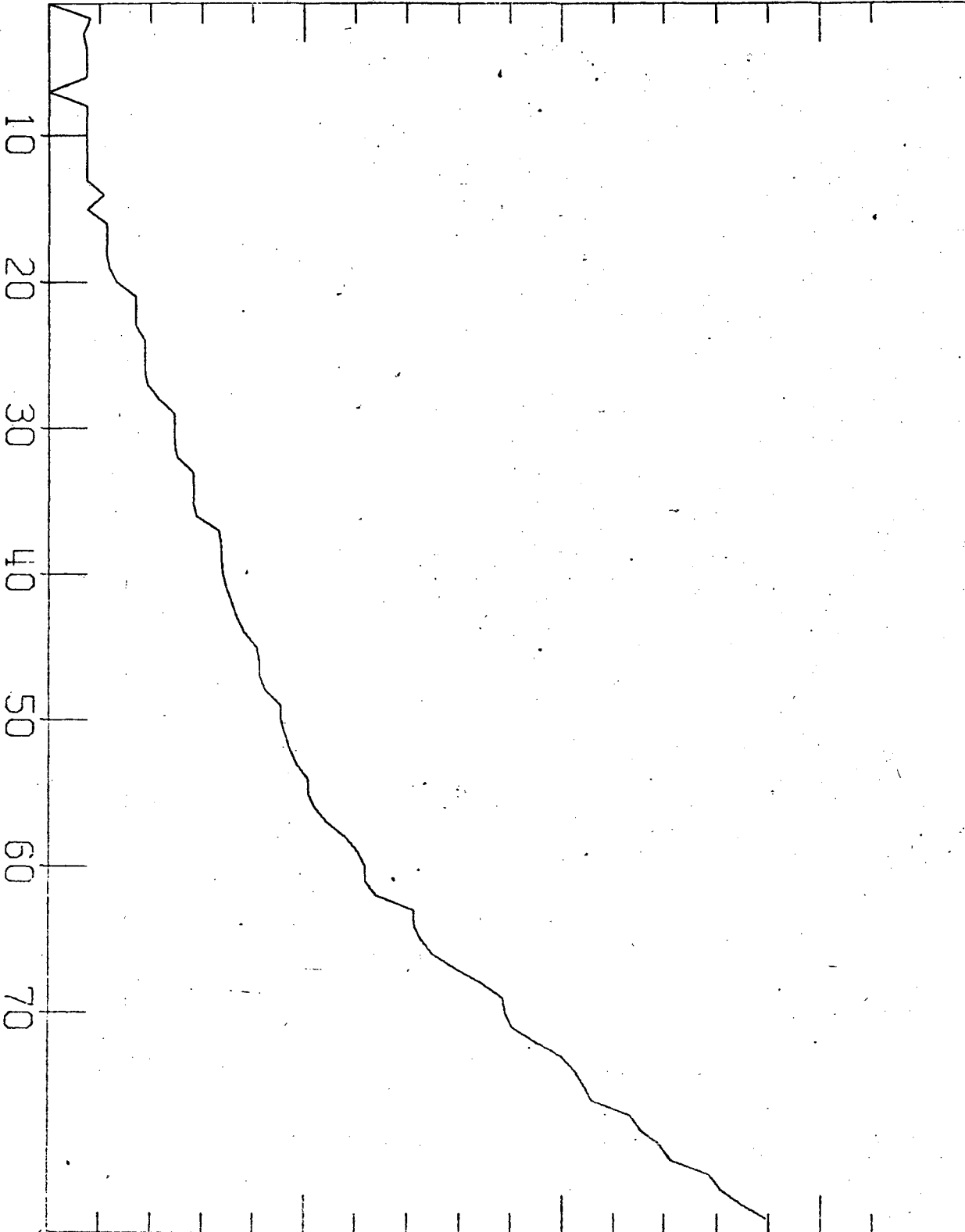
EXC. ENERGY (MEV)

YRST CURVE Z = 67 N = 93 A = 165

3X 10¹

2X 10¹

1X 10¹

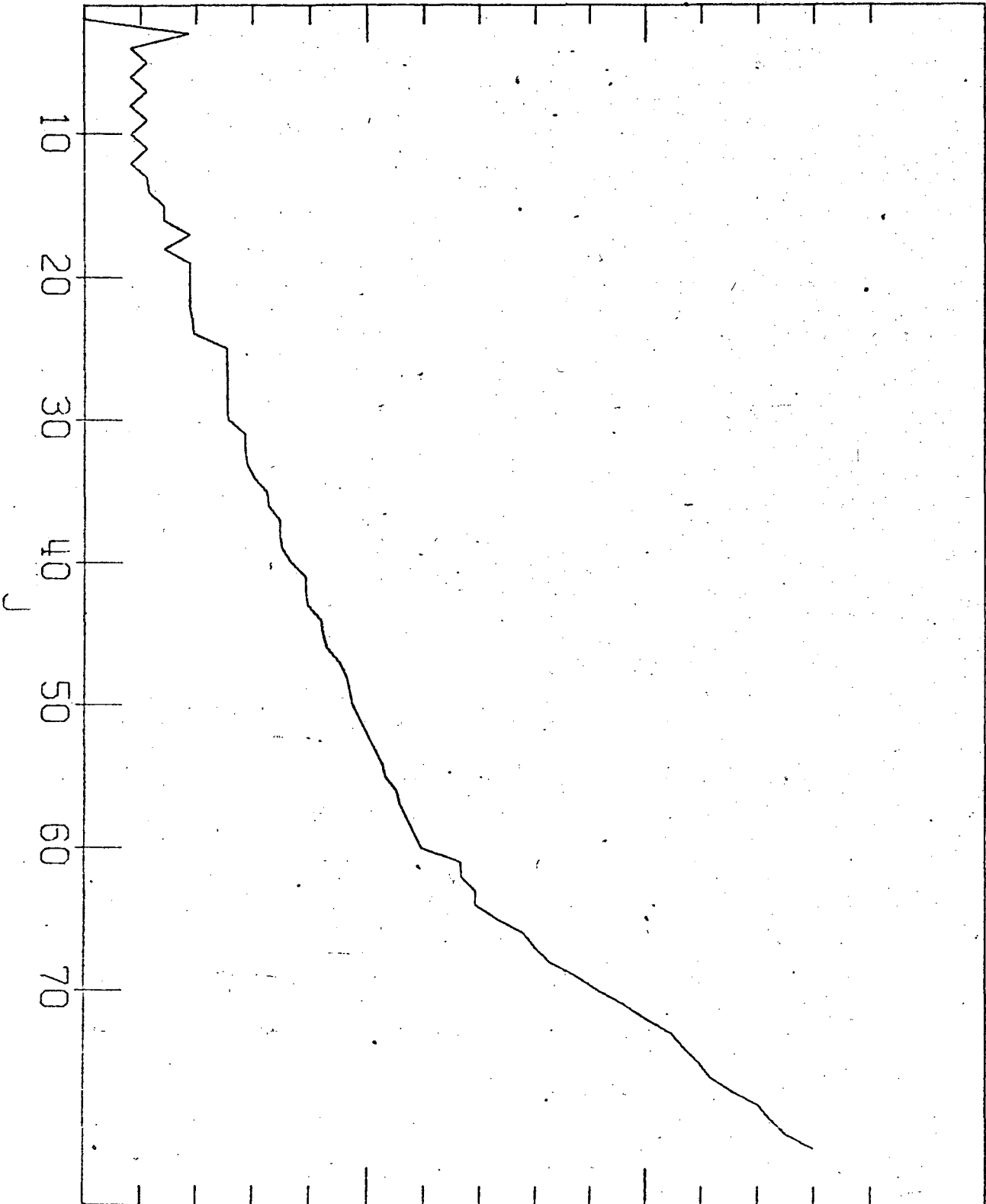


EXC. ENERGY (MEV)

1X10¹

2X10¹

YRST CURVE Z = 65 N = 100 A = 169



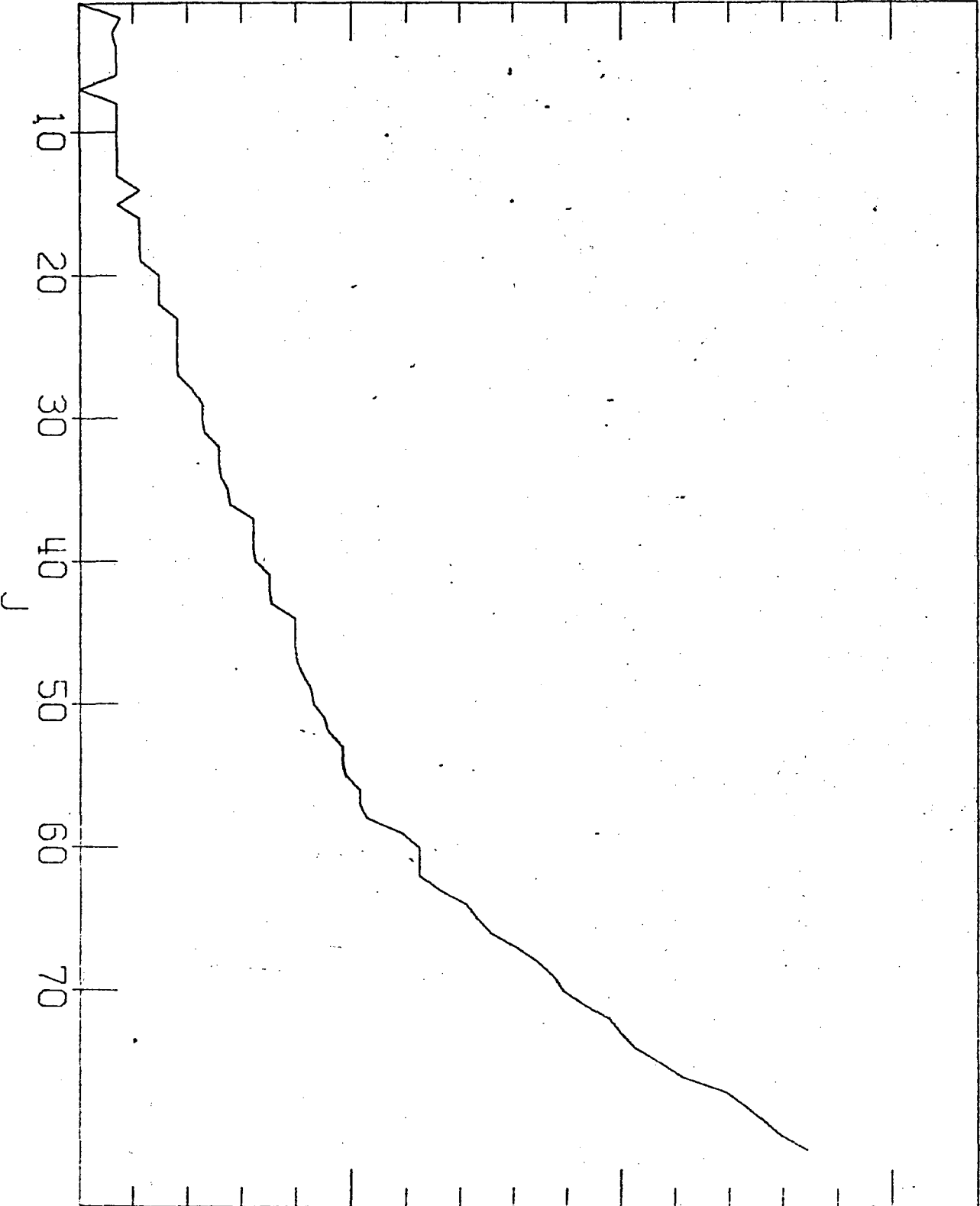
EXC. ENERGY (MEV)

1×10^1

2×10^1

3×10^1

YRST CURVE Z = 69 N = 100 H = 169



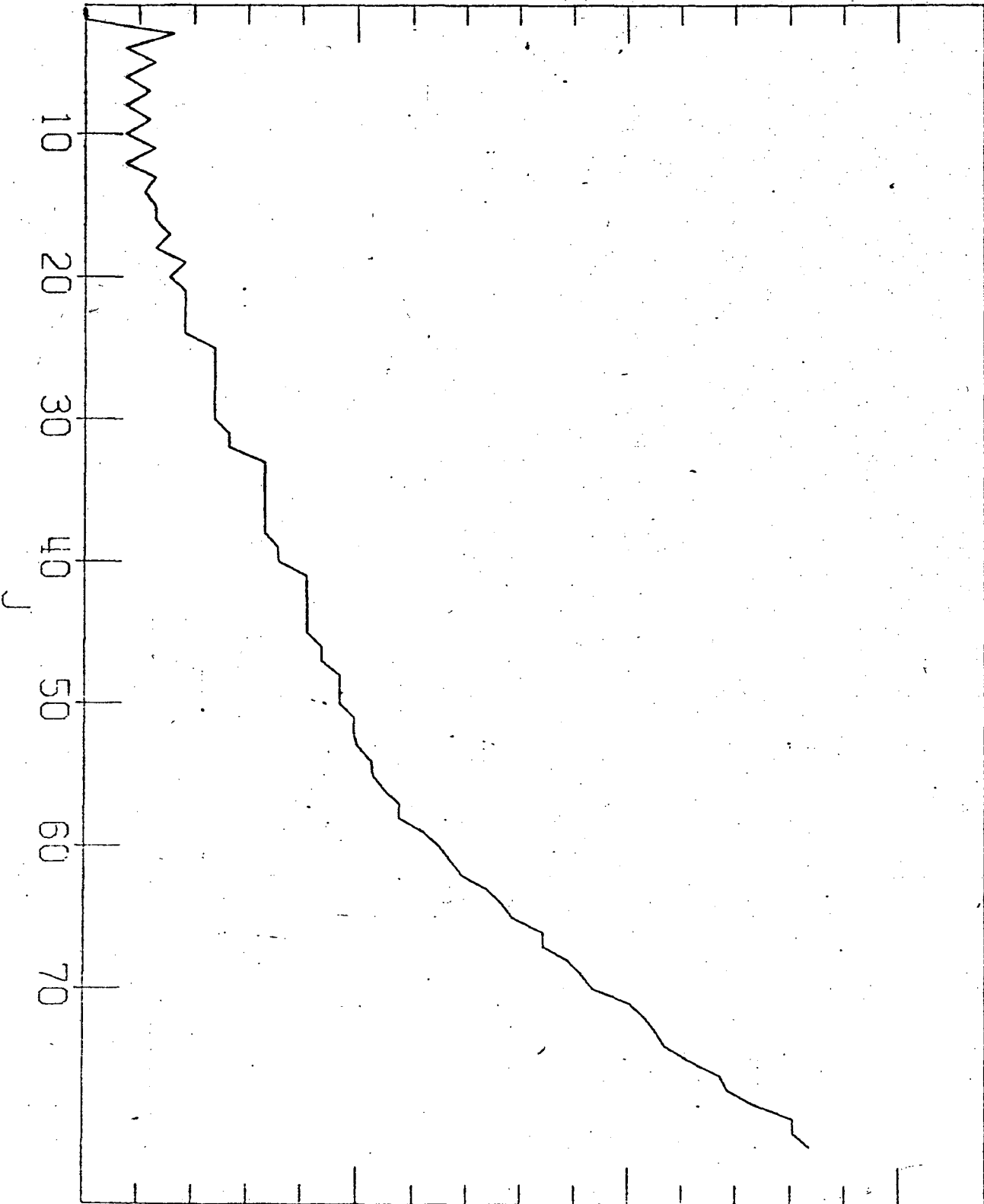
EXC. ENERGY (MEV)

1 X 10¹

2 X 10¹

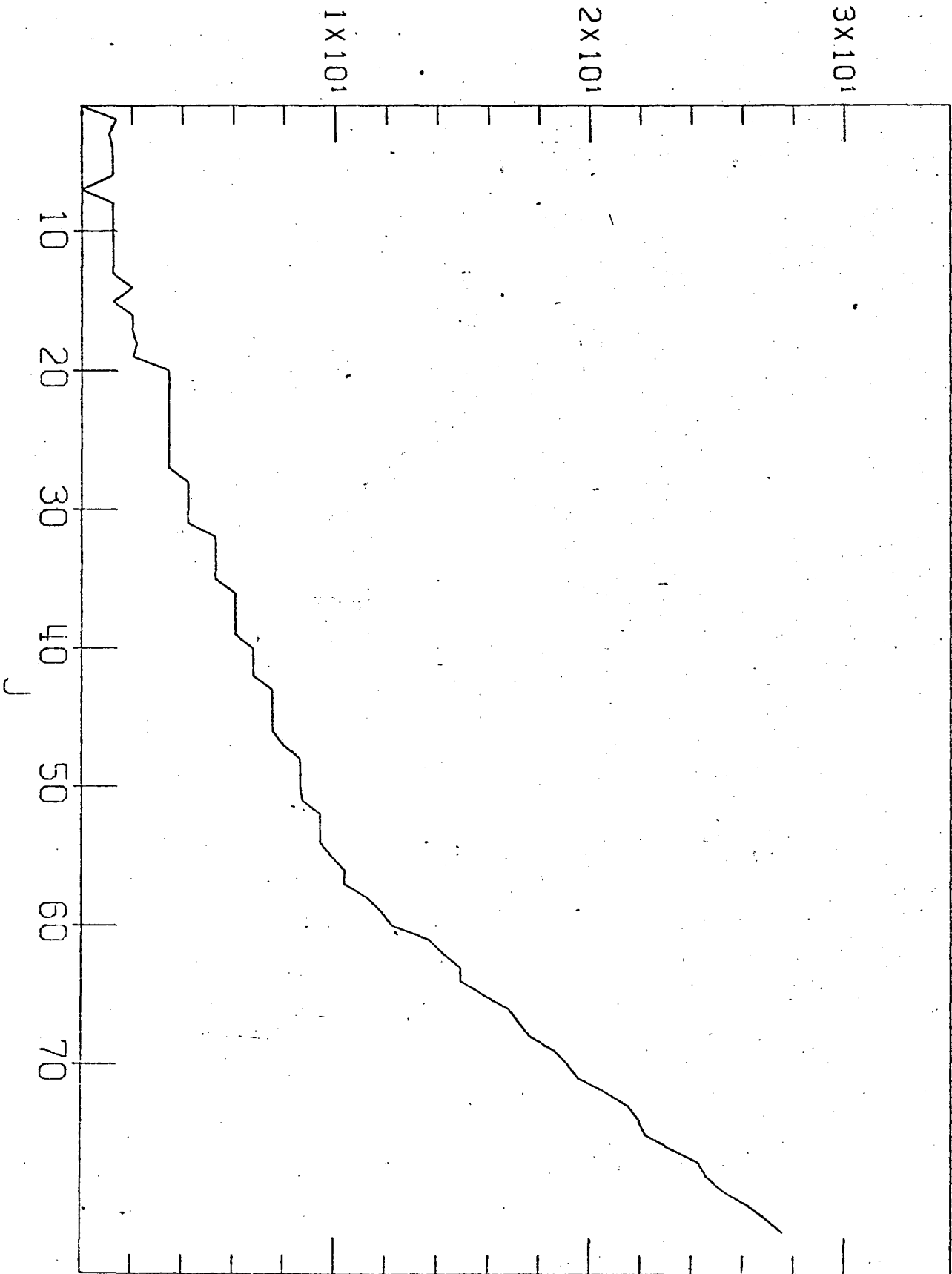
3 X 10¹

YRST CURVE Z = 70 N = 104 A = 174



EXC. ENERGY (MEV)

YRST CURVE Z = 71 N = 104 A = 175



EXC. ENERGY (MEV)

1X10¹

2X10¹

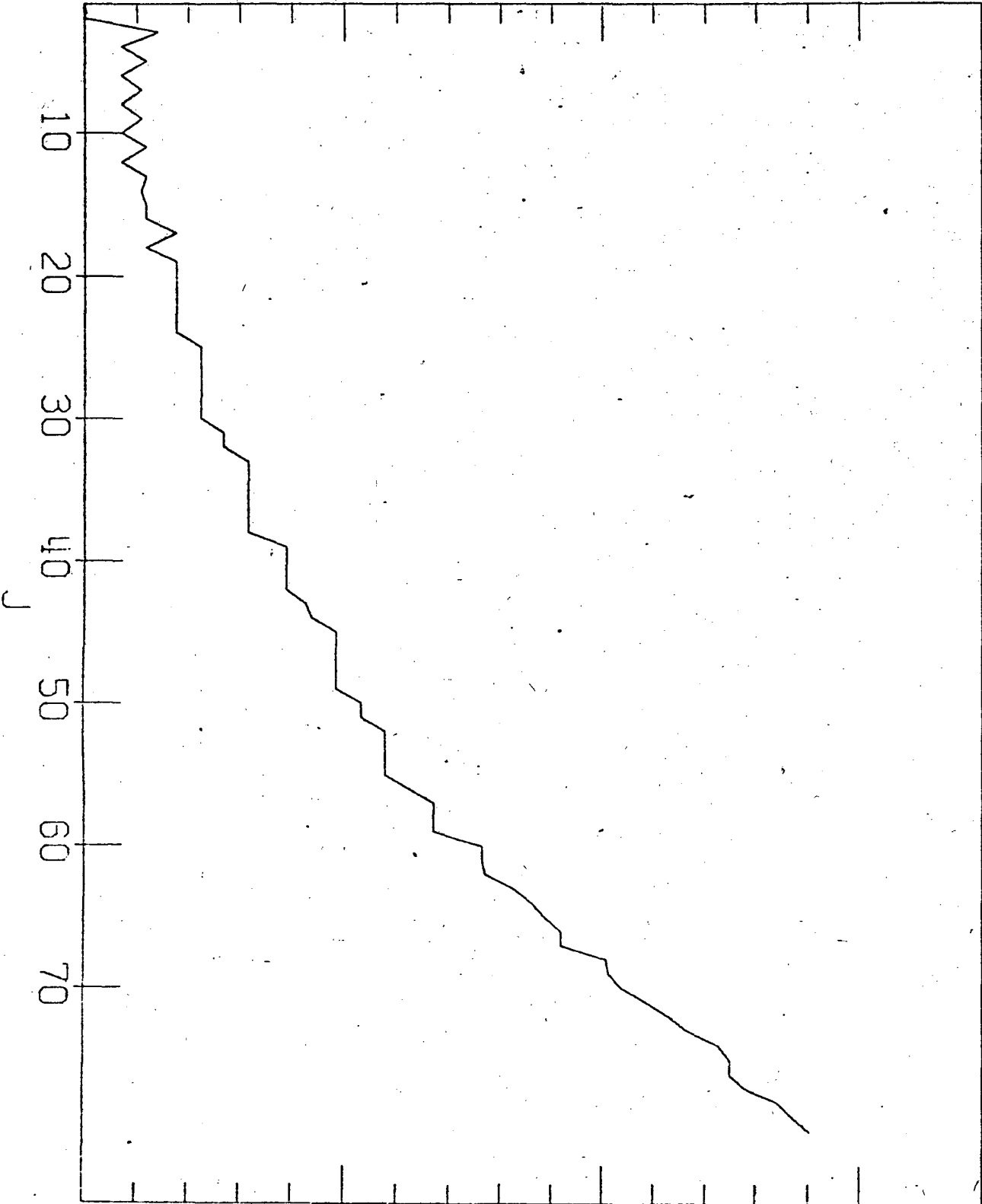
3X10¹

TRAST CURVE

Z = 72

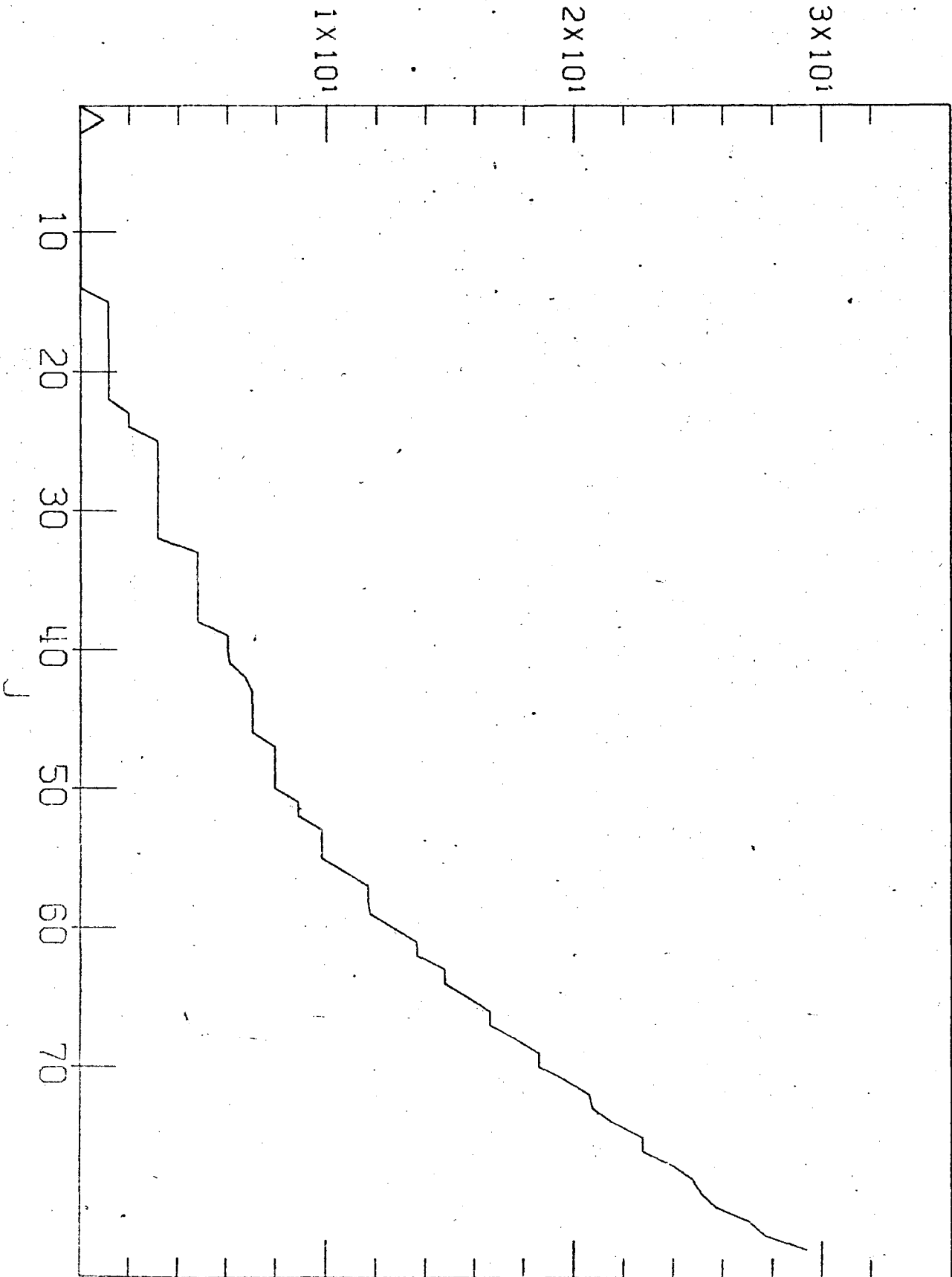
N = 108

A = 180



EXC. ENERGY (MEV)

YR9ST CURVE Z = 73 N = 107 R = 180



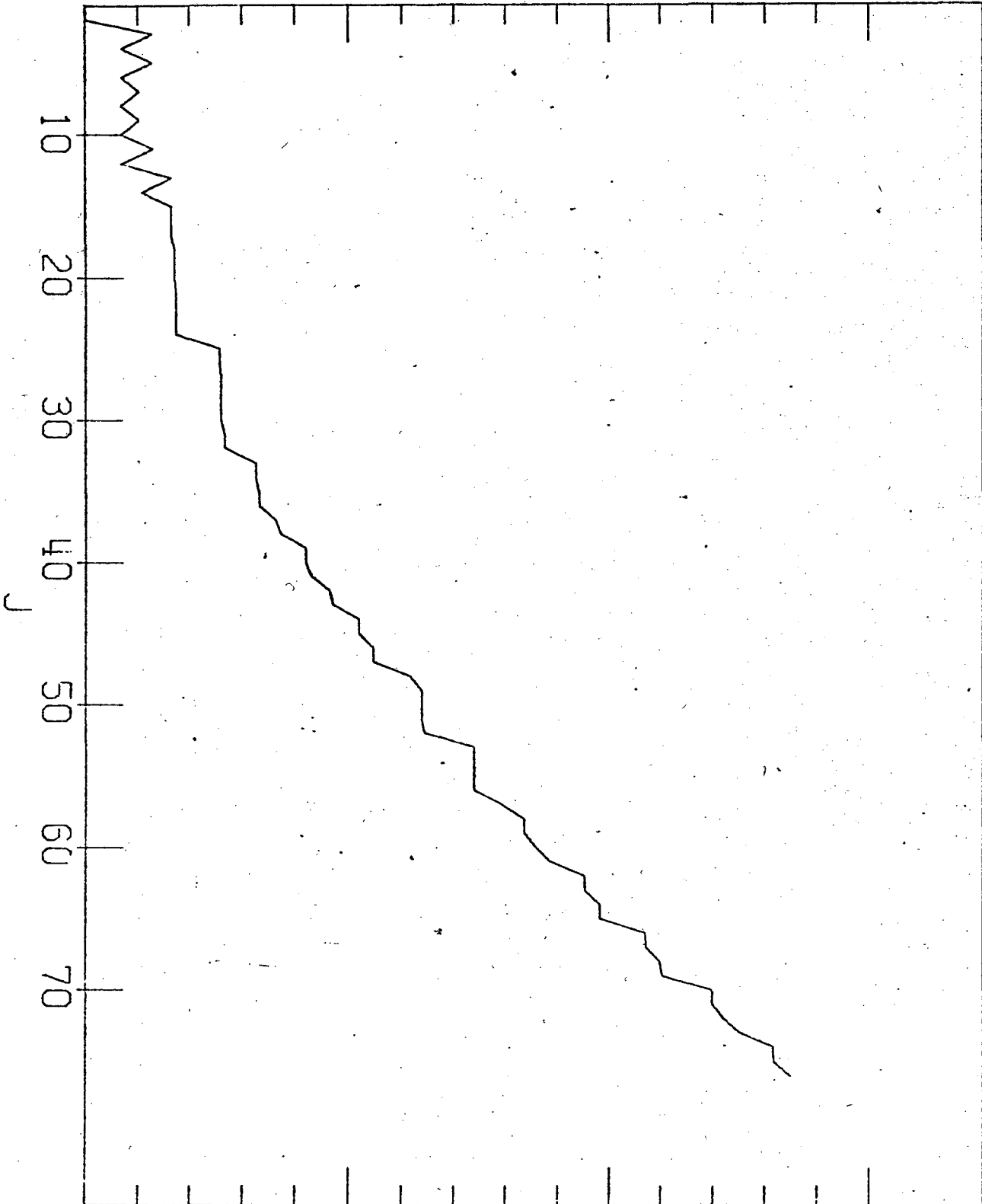
EXC. ENERGY (MEV)

1 X 10¹

2 X 10¹

3 X 10¹

YRST CURVE Z = 74 N = 110 A = 184



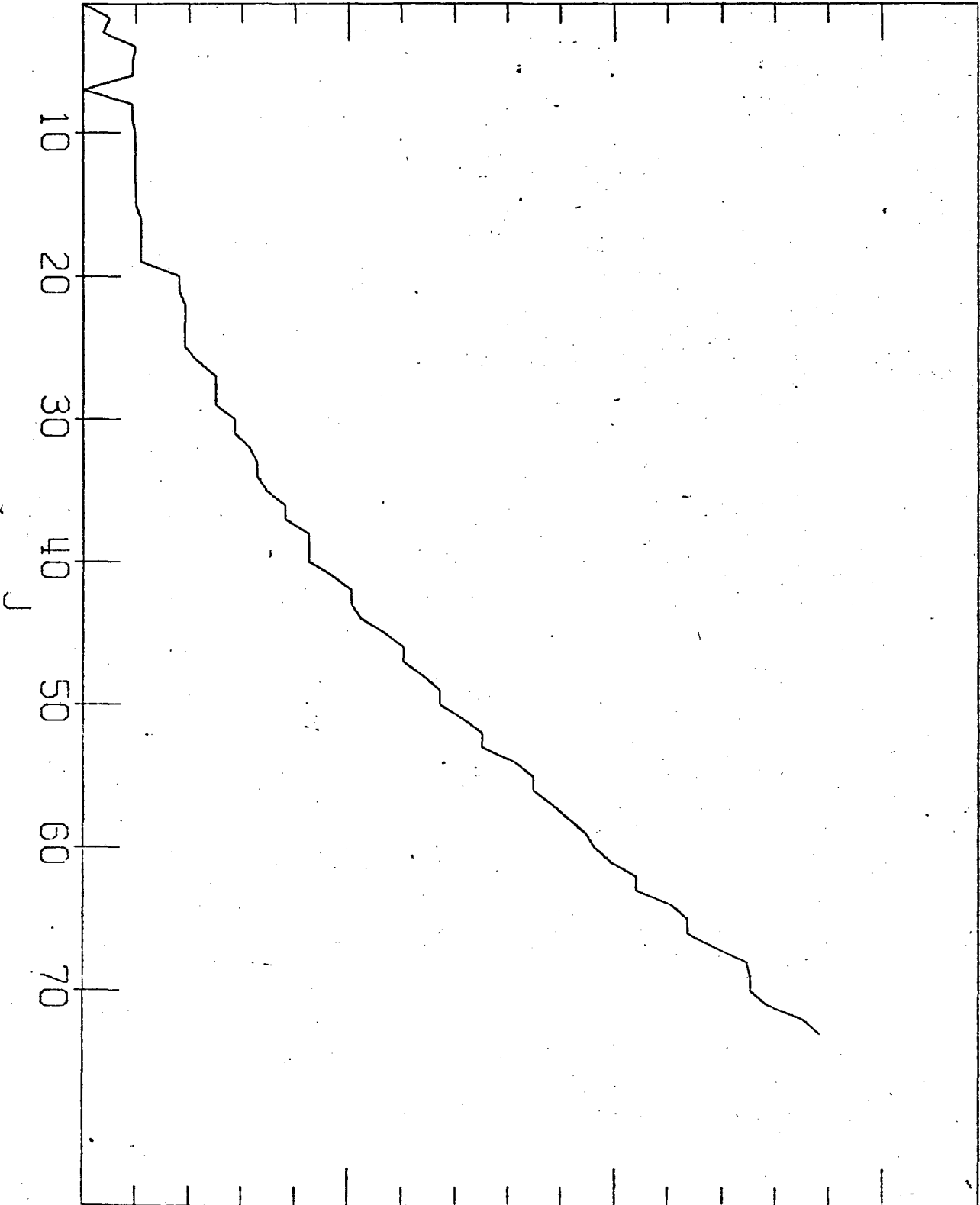
EXC. ENERGY (MEV)

3X10¹

2X10¹

1X10¹

YRST CURVE Z = 75 N = 112 A = 187



EXC. ENERGY (MEV)

3X10¹

2X10¹

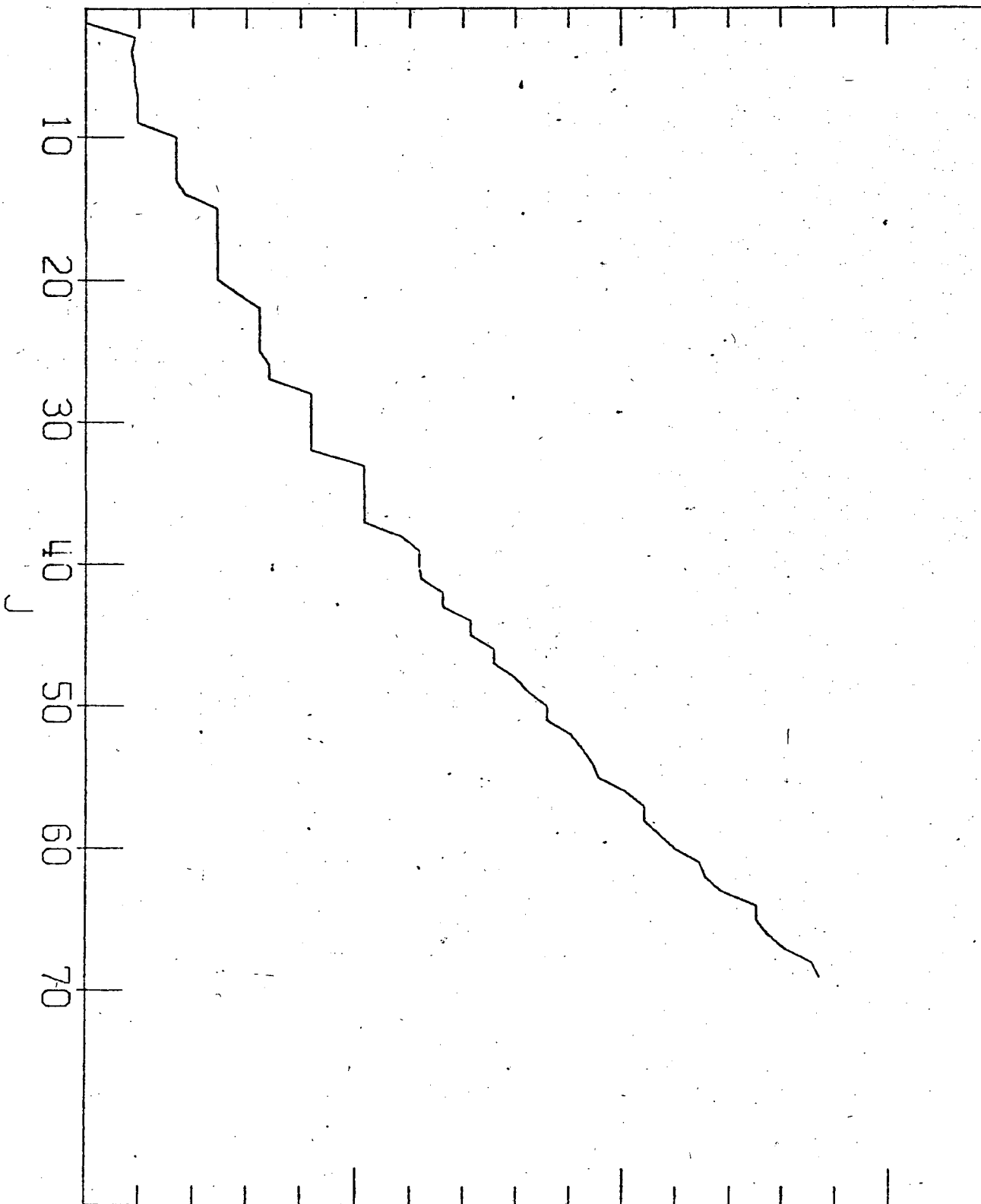
1X10¹

YRST CURVE

Z = 76

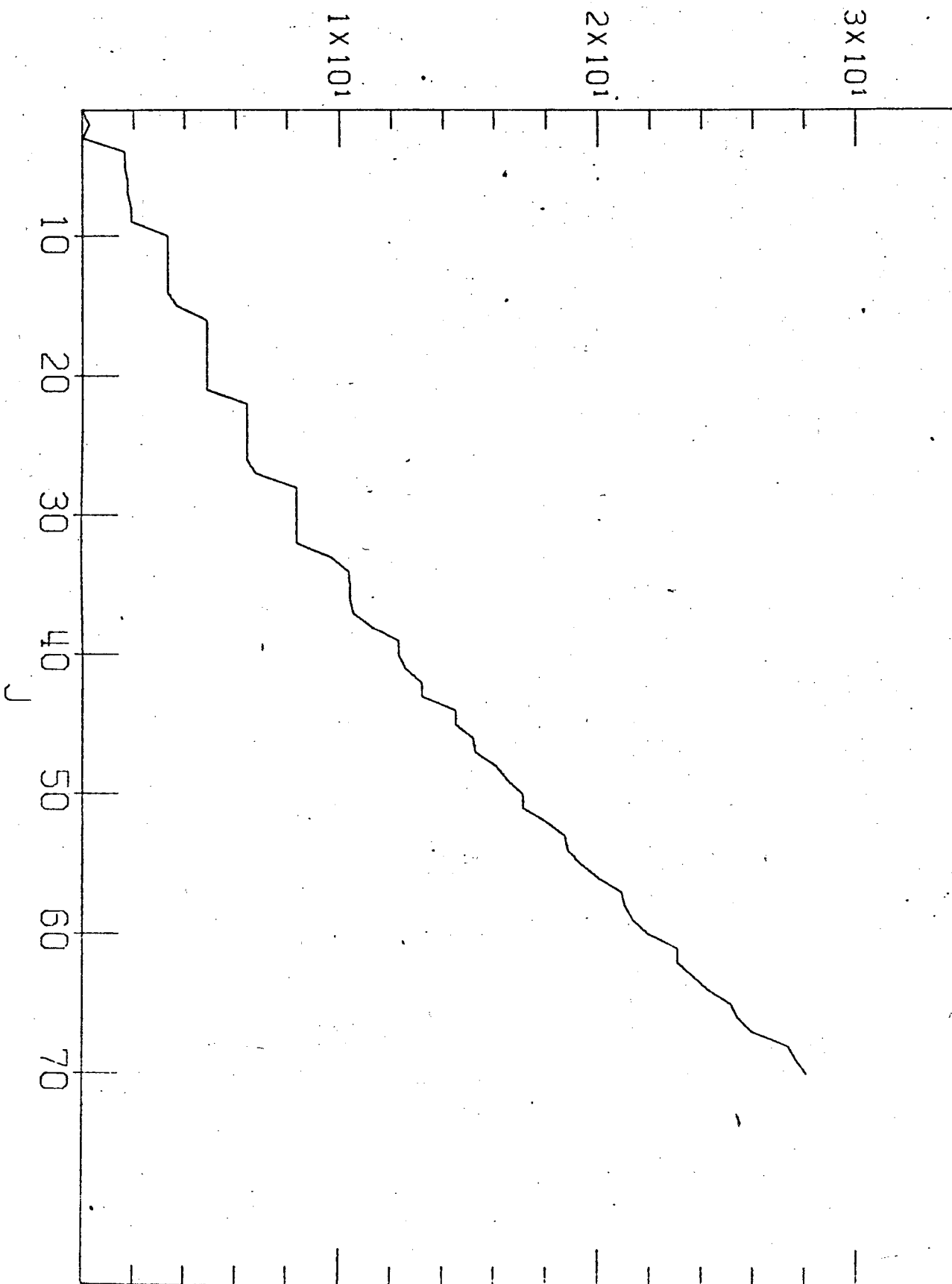
N = 116

A = 192



EXC. ENERGY (MEV)

YRST CURVE Z = 77 N = 116 A = 193



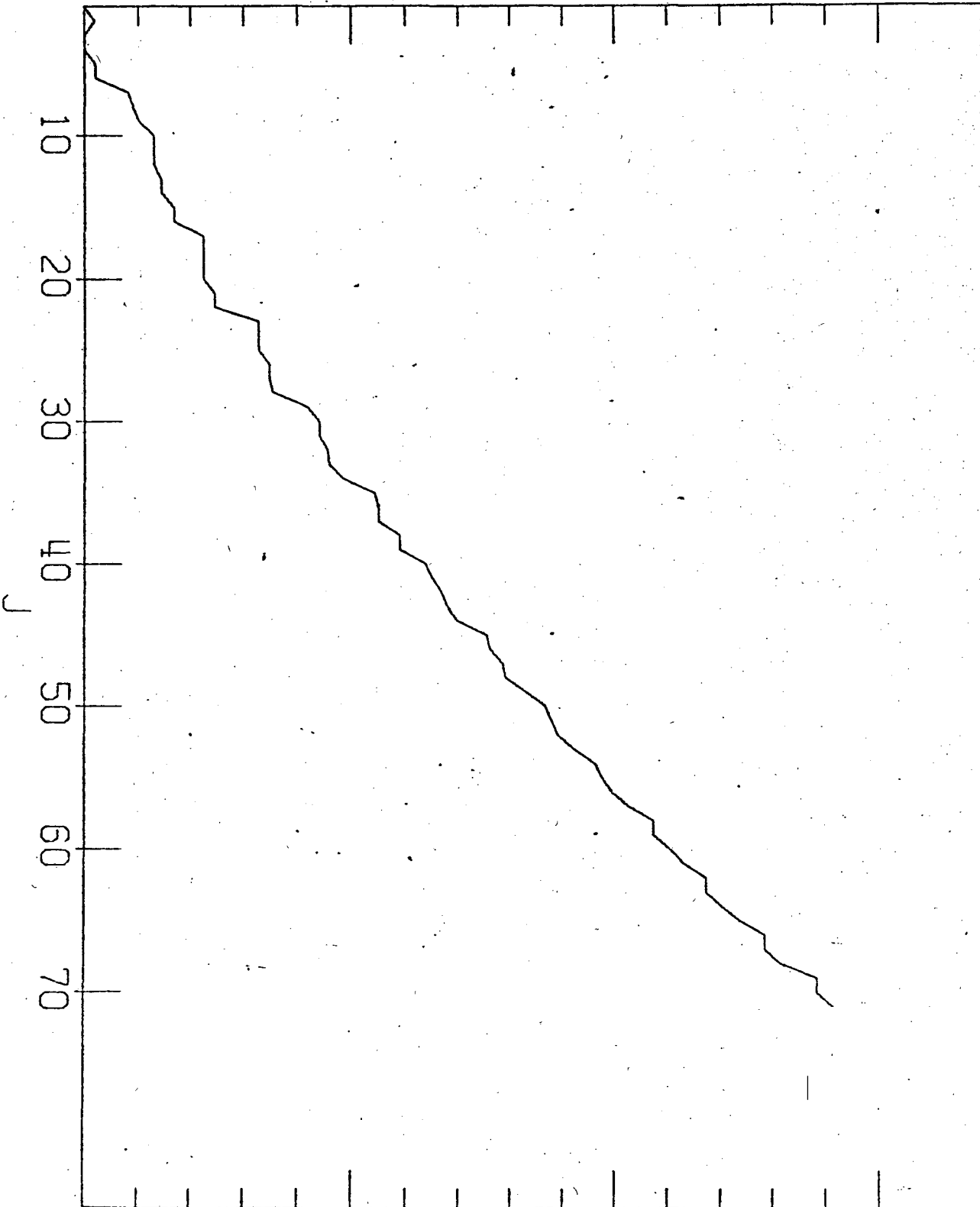
EXC. ENERGY (MEV)

3X10¹

2X10¹

1X10¹

YRST CURVE Z = 78 N = 117 R = 195



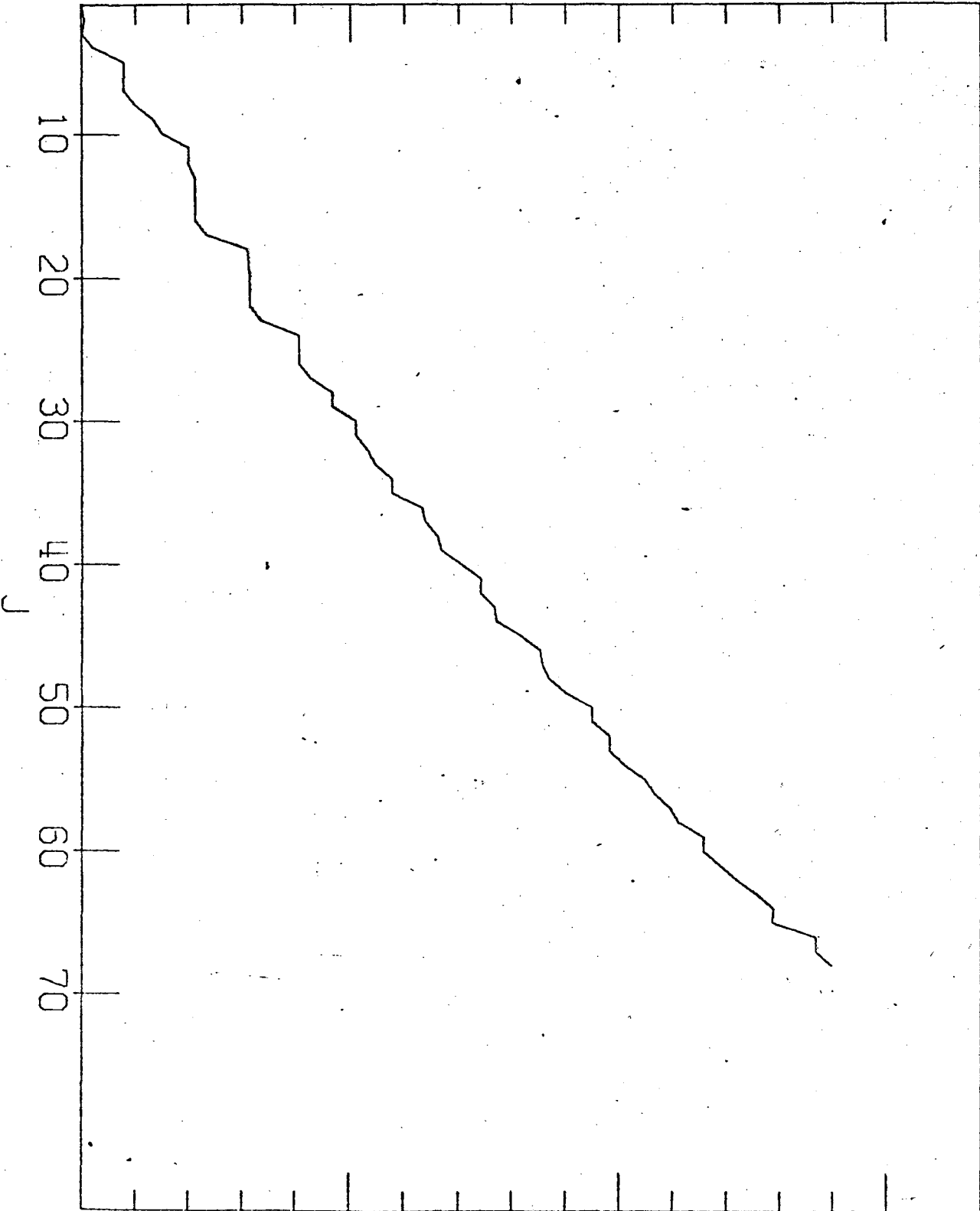
EXC. ENERGY (MEV)

3X10¹

2X10¹

1X10¹

TRRST CURVE Z = 79 N = 118 R = 197



EXC. ENERGY (MEV)

1X10¹

2X10¹

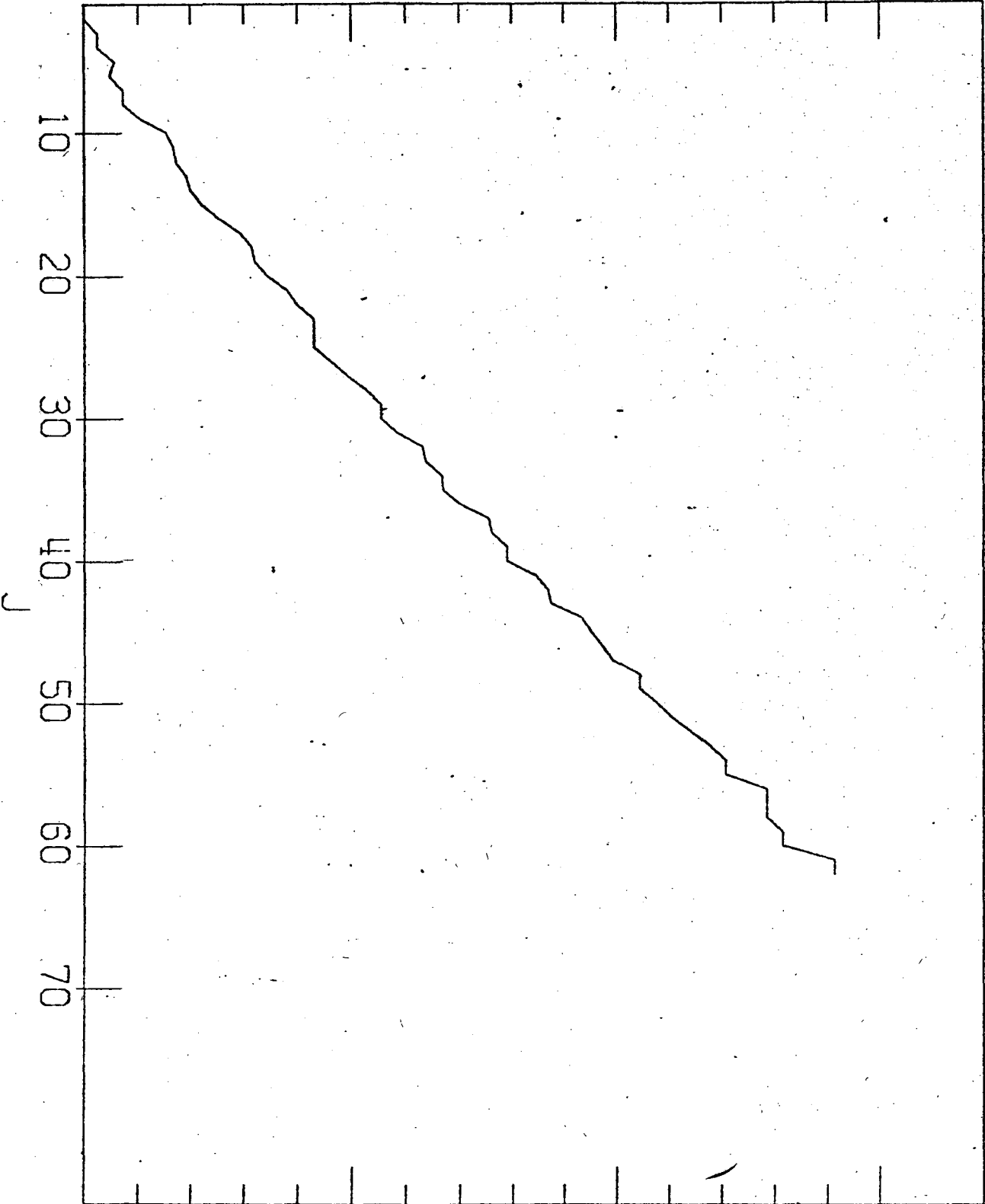
3X10¹

YRST CURVE

Z = 80

N = 122

A = 202



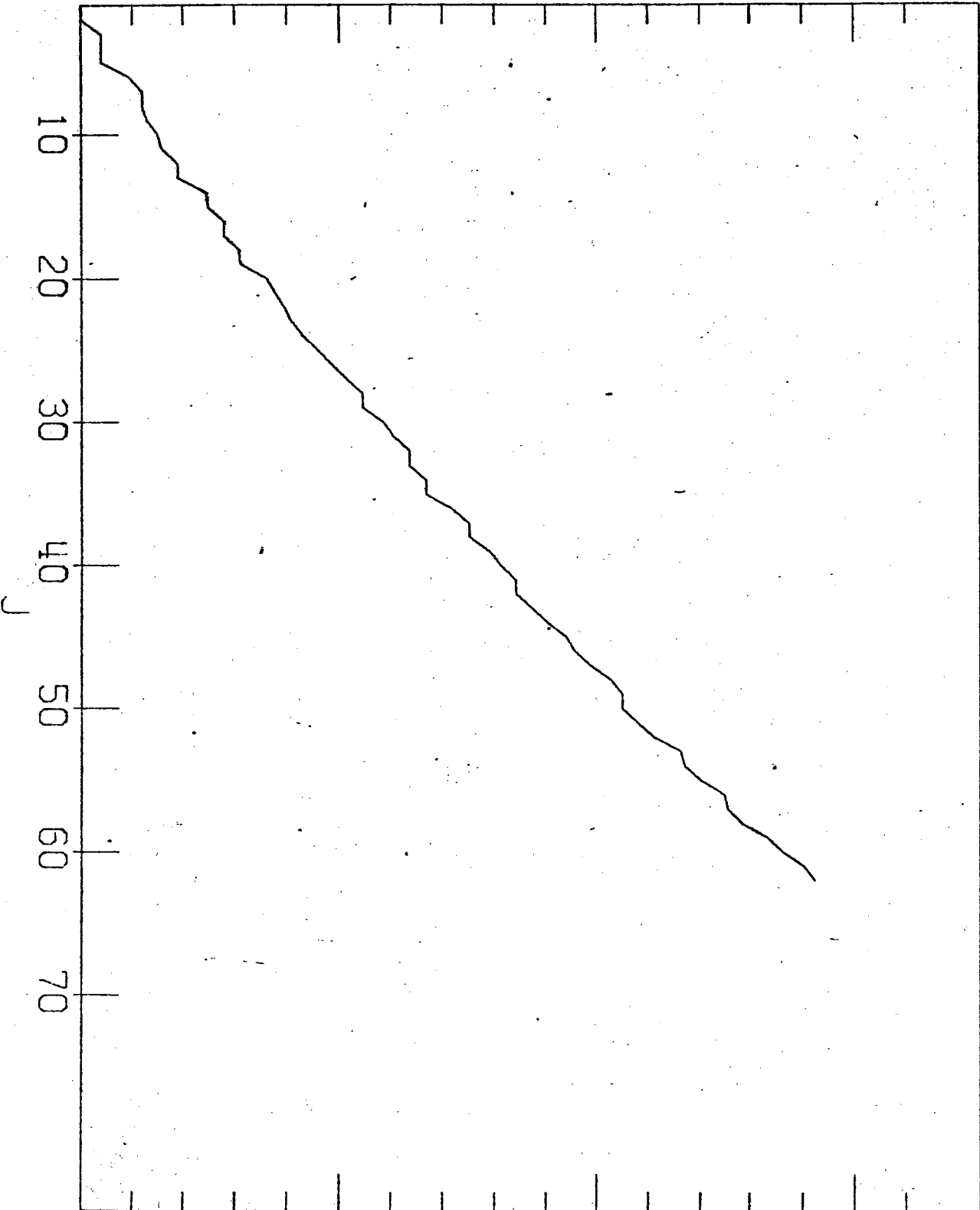
EXC. ENERGY (MEV)

3X10¹

2X10¹

1X10¹

YR9ST CURVE Z = 81 N = 124 A = 205



EXC. ENERGY (MEV)

3X10¹

2X10¹

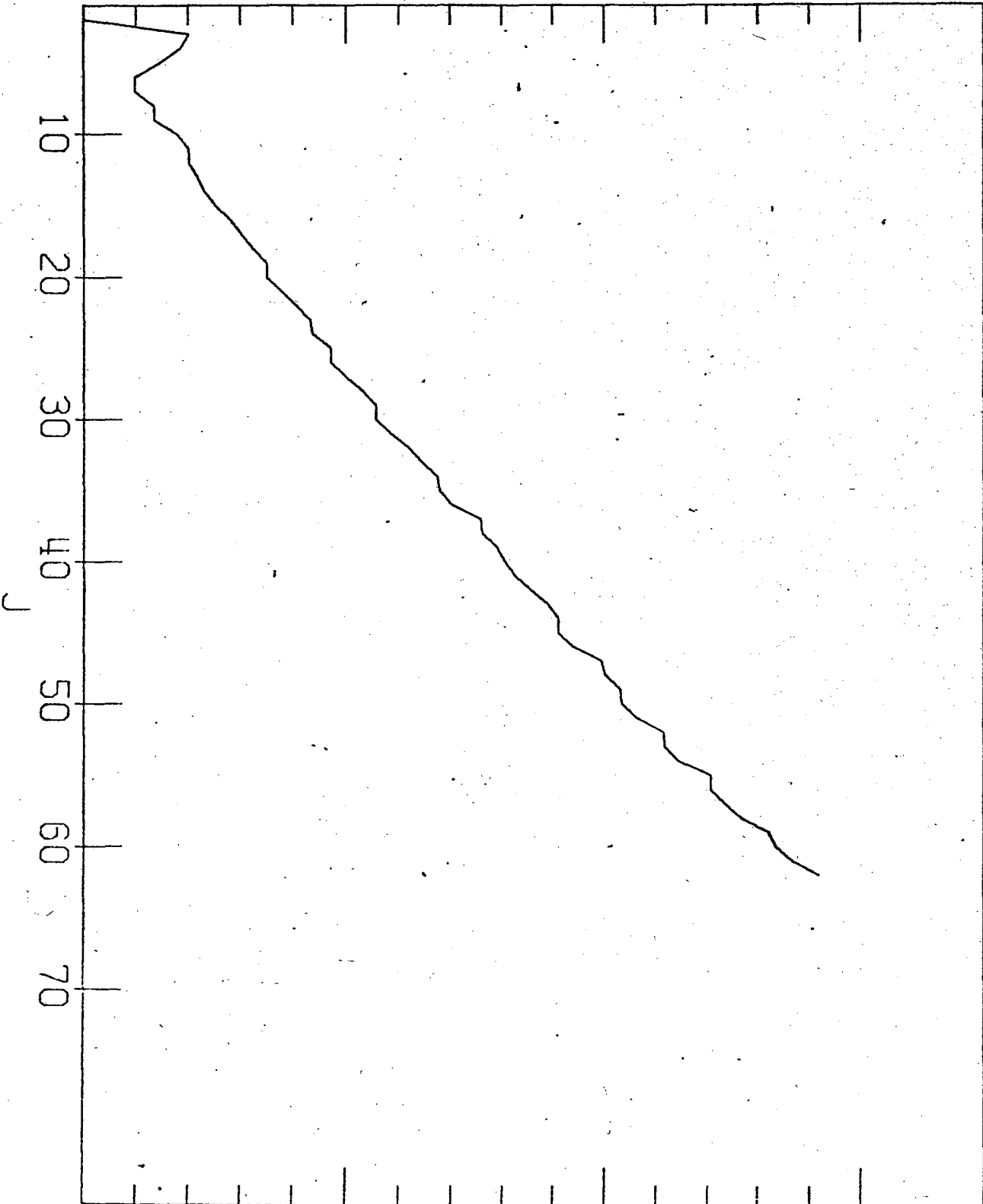
1X10¹

YRST CURVE

Z = 82

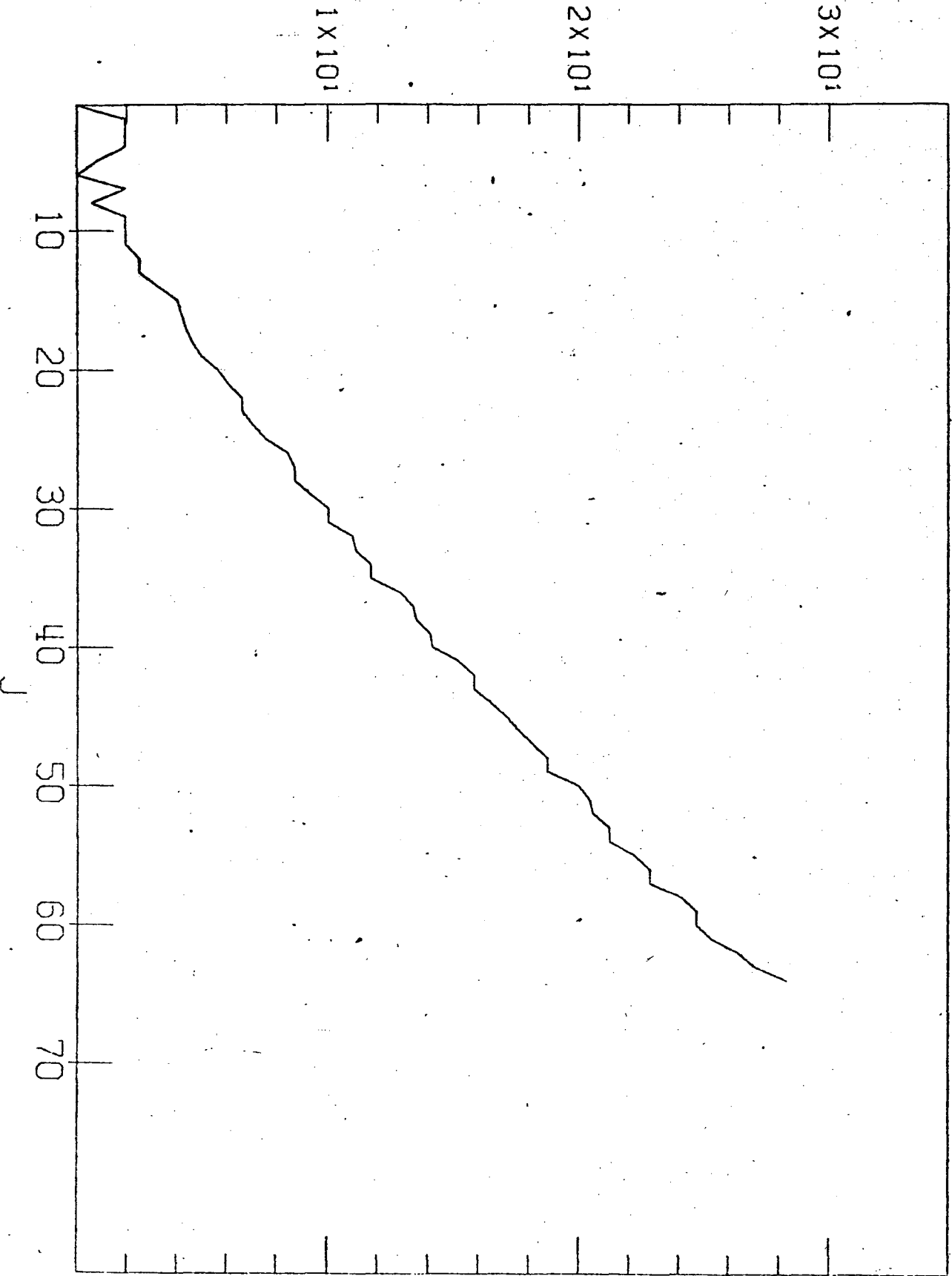
N = 126

A = 208



EXC. ENERGY (MEV)

TRRST CURVE Z = 83 N = 126 R = 209



EXC. ENERGY (MEV)

1 X 10¹

2 X 10¹

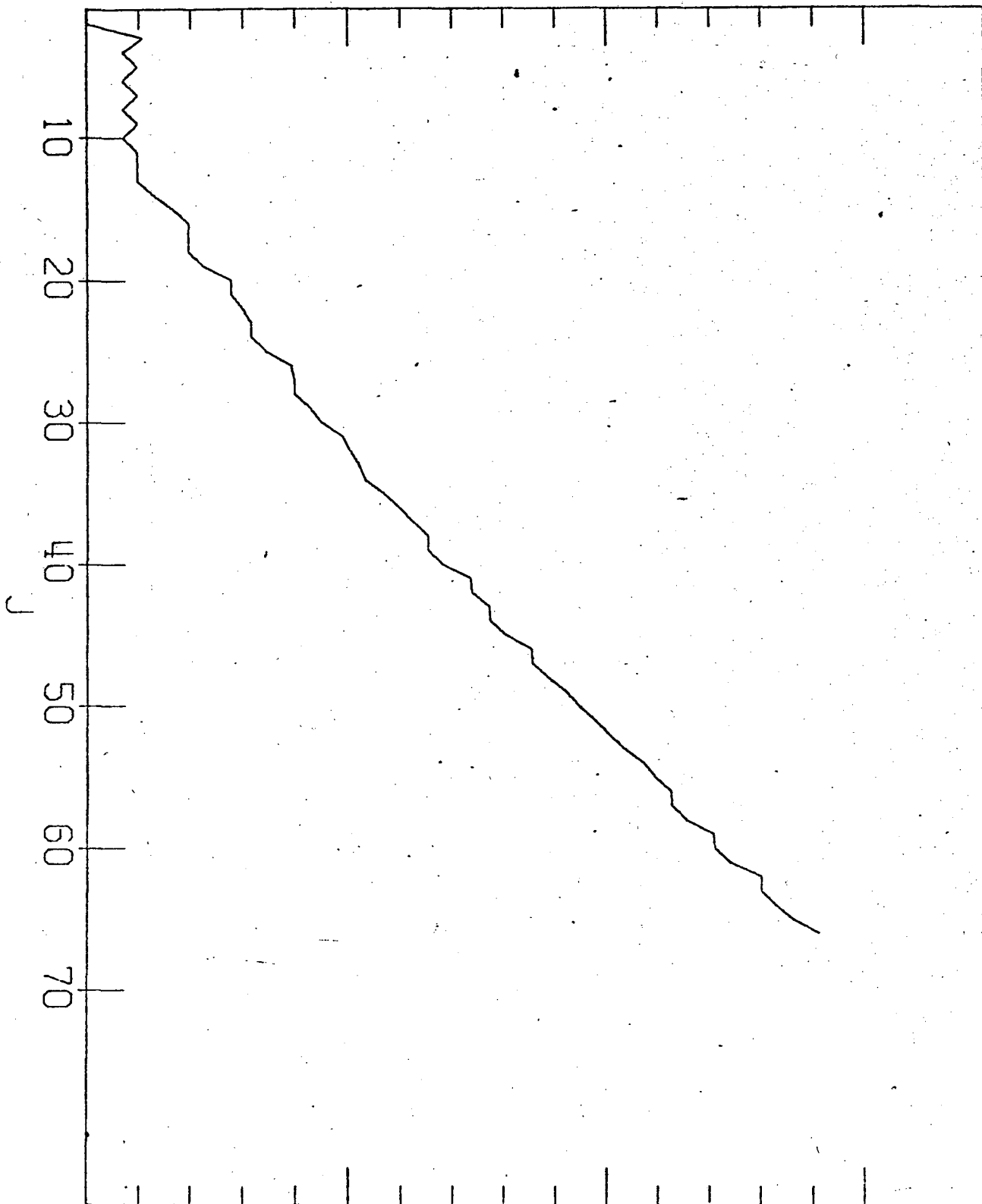
3 X 10¹

YRST CURVE

Z = 84

N = 126

A = 210



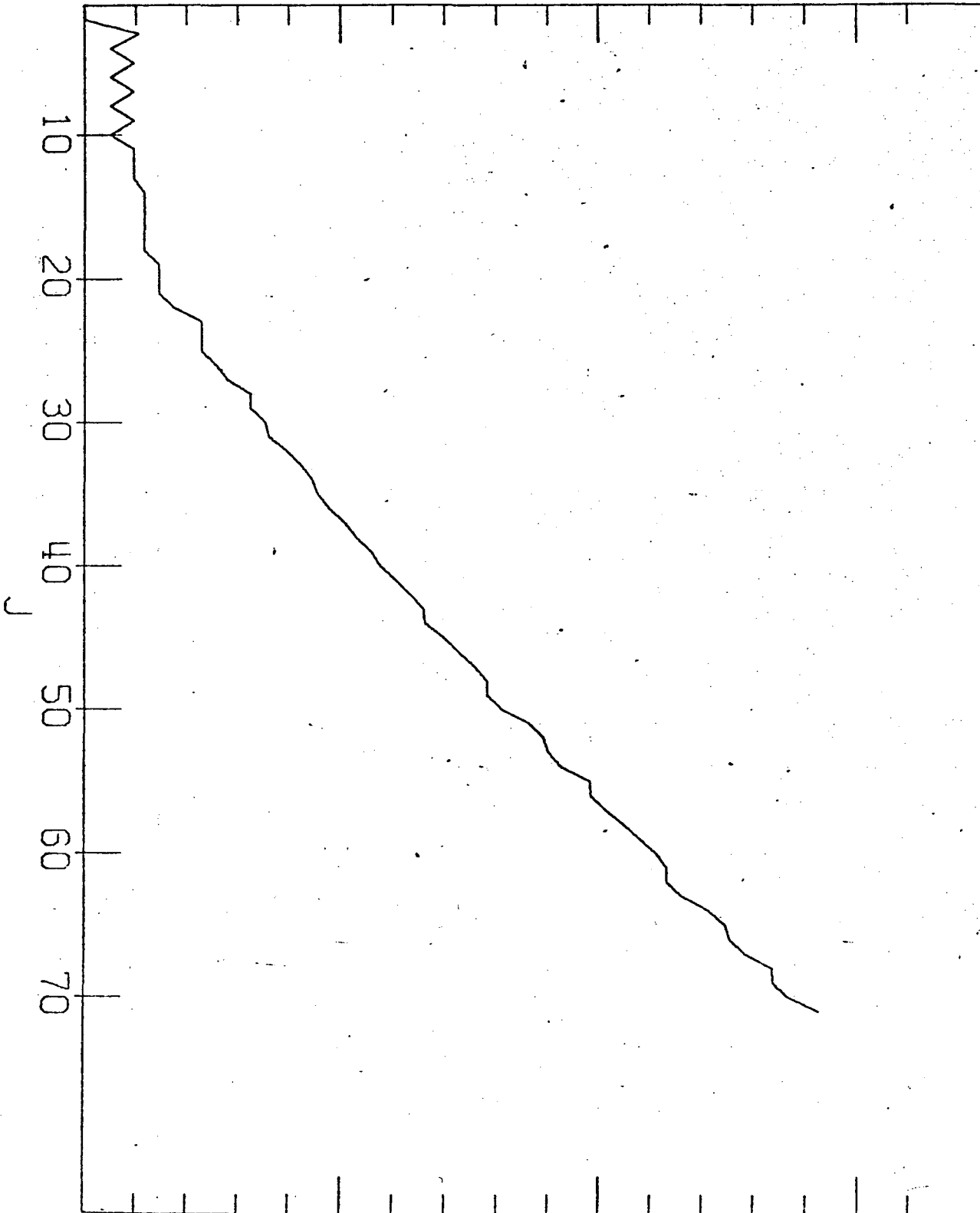
EXC. ENERGY (MEV)

3 X 10¹

2 X 10¹

1 X 10¹

TRAST CURVE Z = 84 N = 128 A = 212



EXC. ENERGY (MEV)

1X10¹

2X10¹

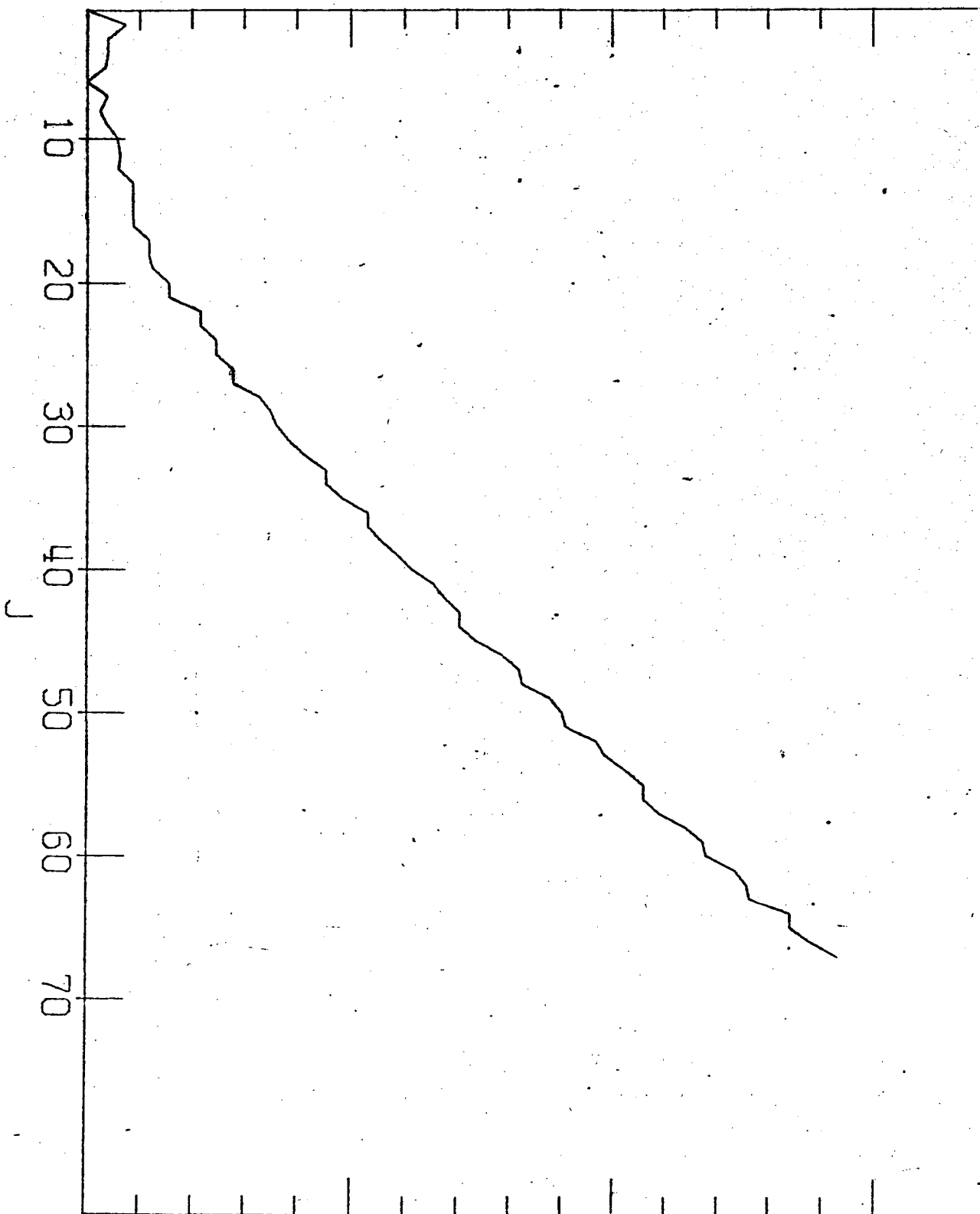
3X10¹

YRST CURVE

RSTRTINE-209

Z = 85

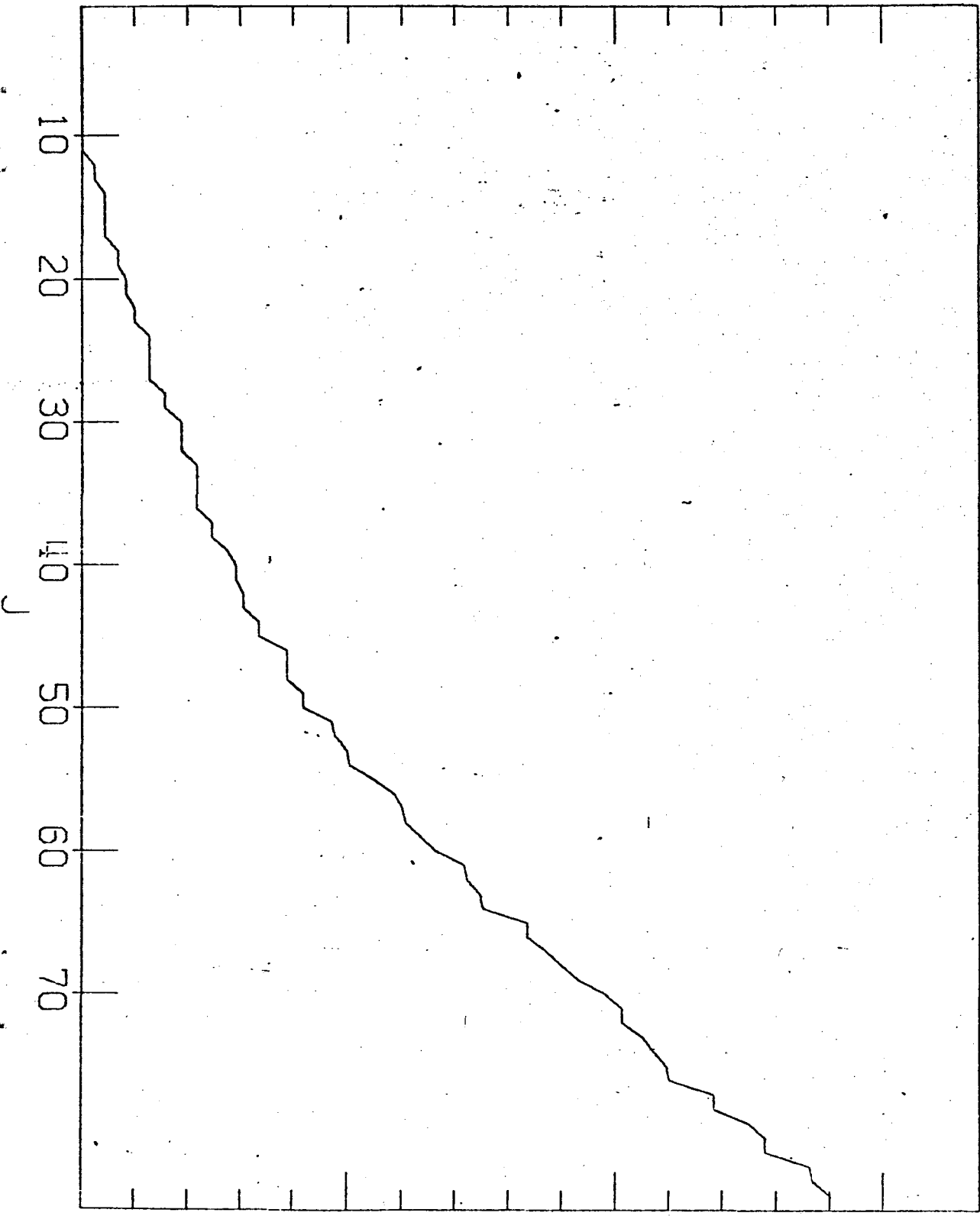
N = 124



EXC. ENERGY (MEV)

3X10¹
2X10¹
1X10¹

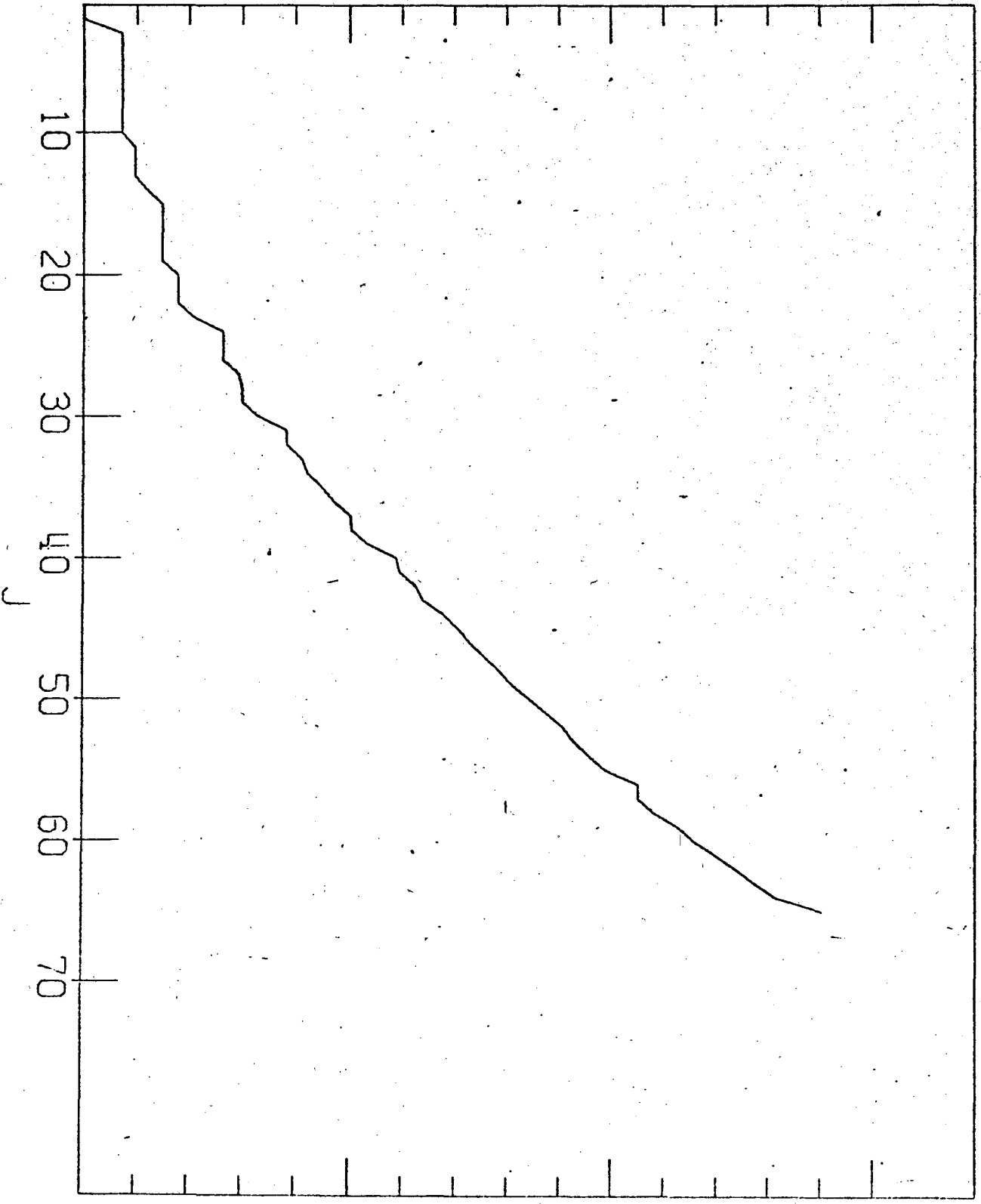
YRST CURVE Z = 85 N = 133 A = 218



EXC. ENERGY (MEV)

3X10¹
2X10¹
1X10¹

YRST CURVE Z = 86 N = 125 A = 211



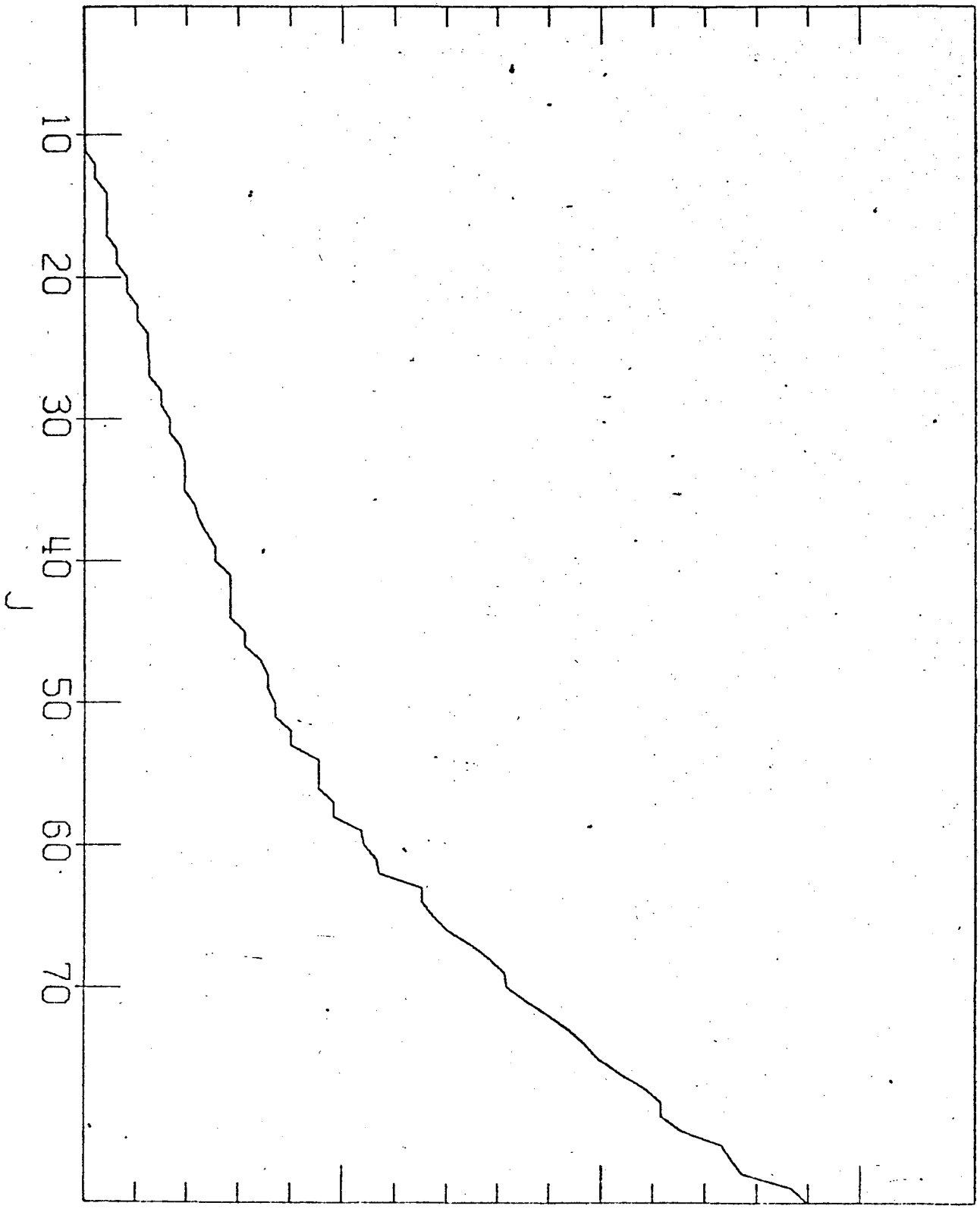
EXC. ENERGY (MEV)

3X10¹

2X10¹

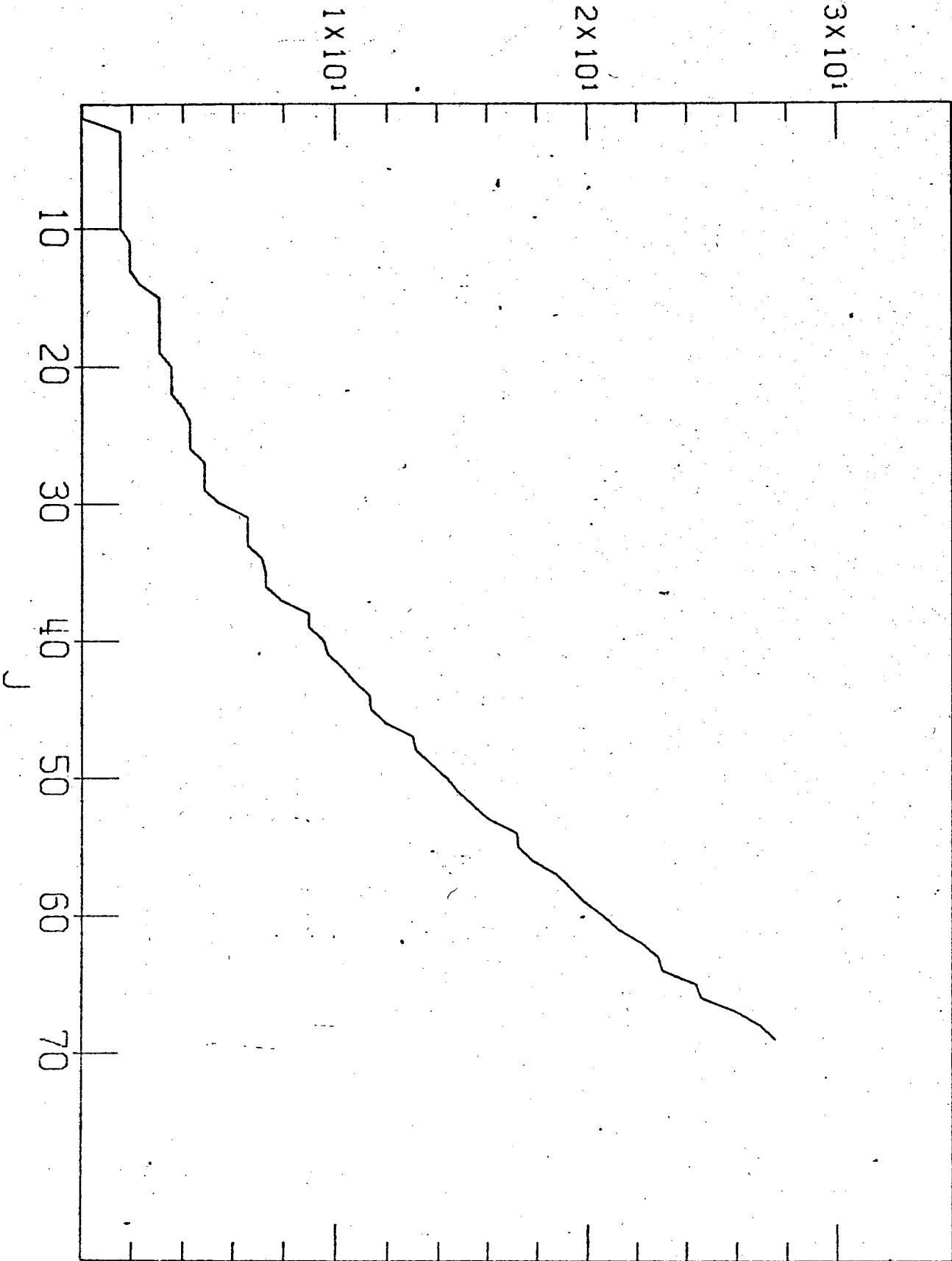
1X10¹

YRST CURVE Z = 87 N = 133 A = 220



EXC. ENERGY (MEV)

YRST CURVE Z = 88 N = 125 A = 213



EXC. ENERGY (MEV)

3X 10¹

2X 10¹

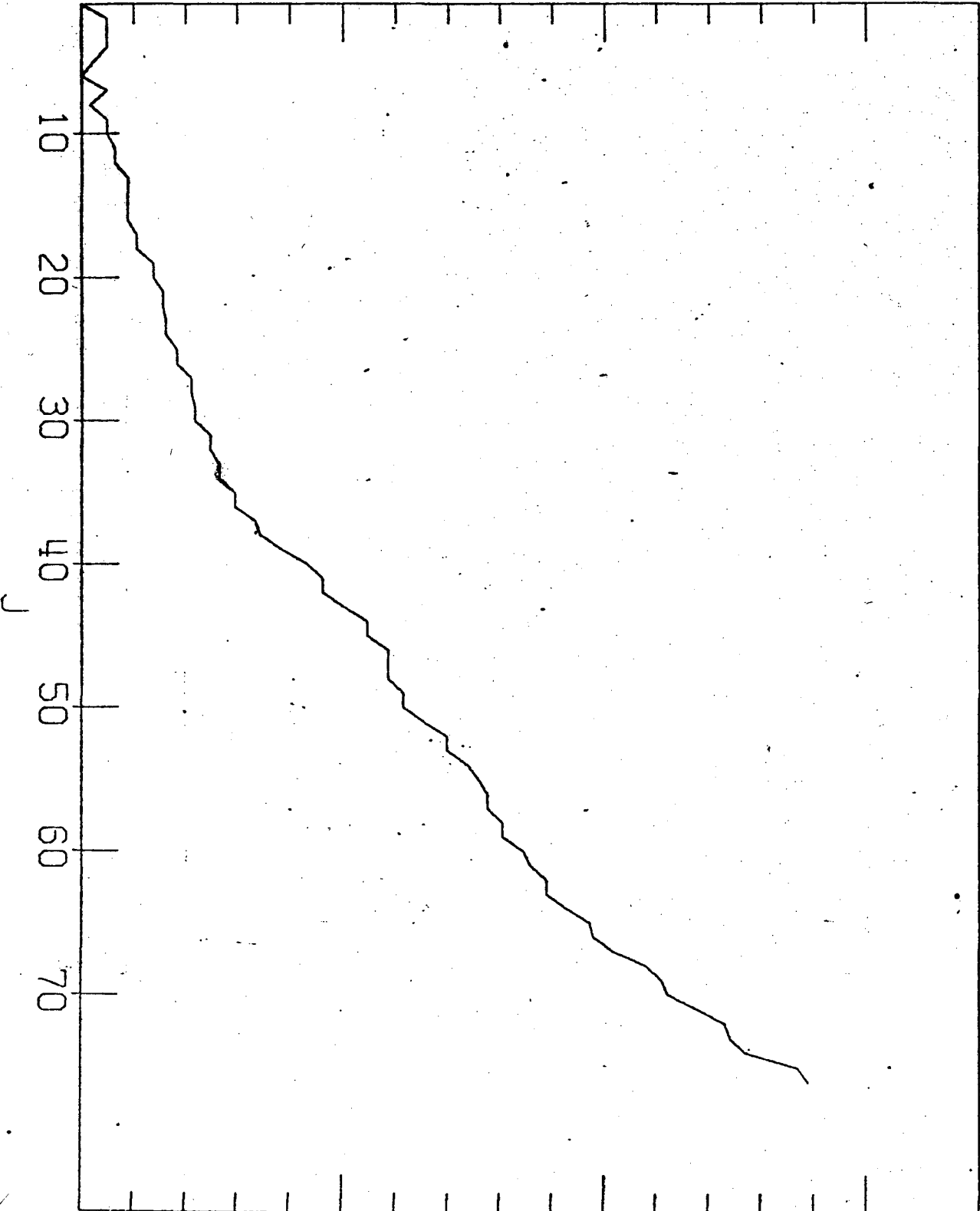
1X 10¹

YRST CURVE

Z = 89

N = 120

A = 209



EXC. ENERGY (MEV)

1X10¹

2X10¹

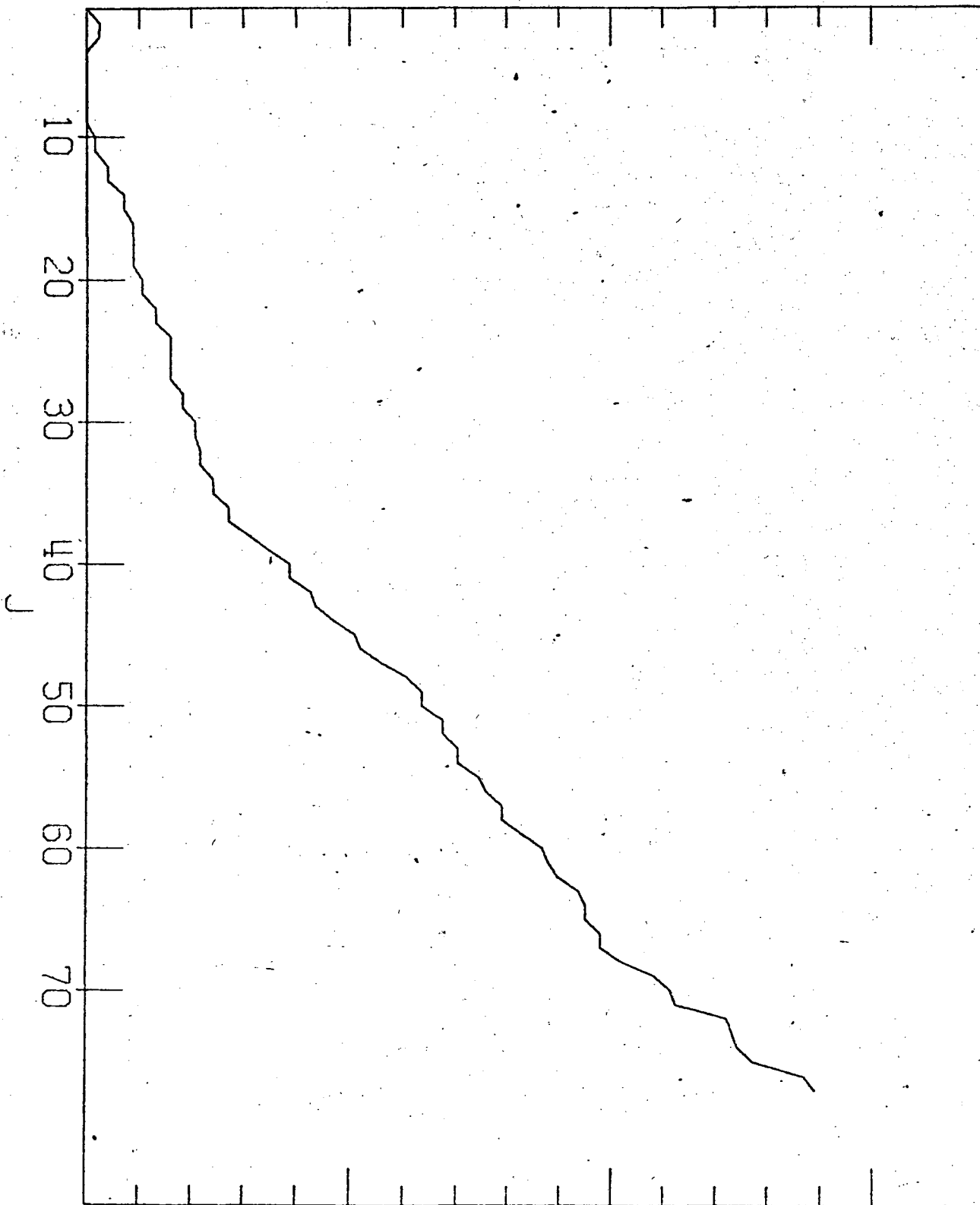
3X10¹

YRST CURVE

Z = 89

N = 121

A = 210



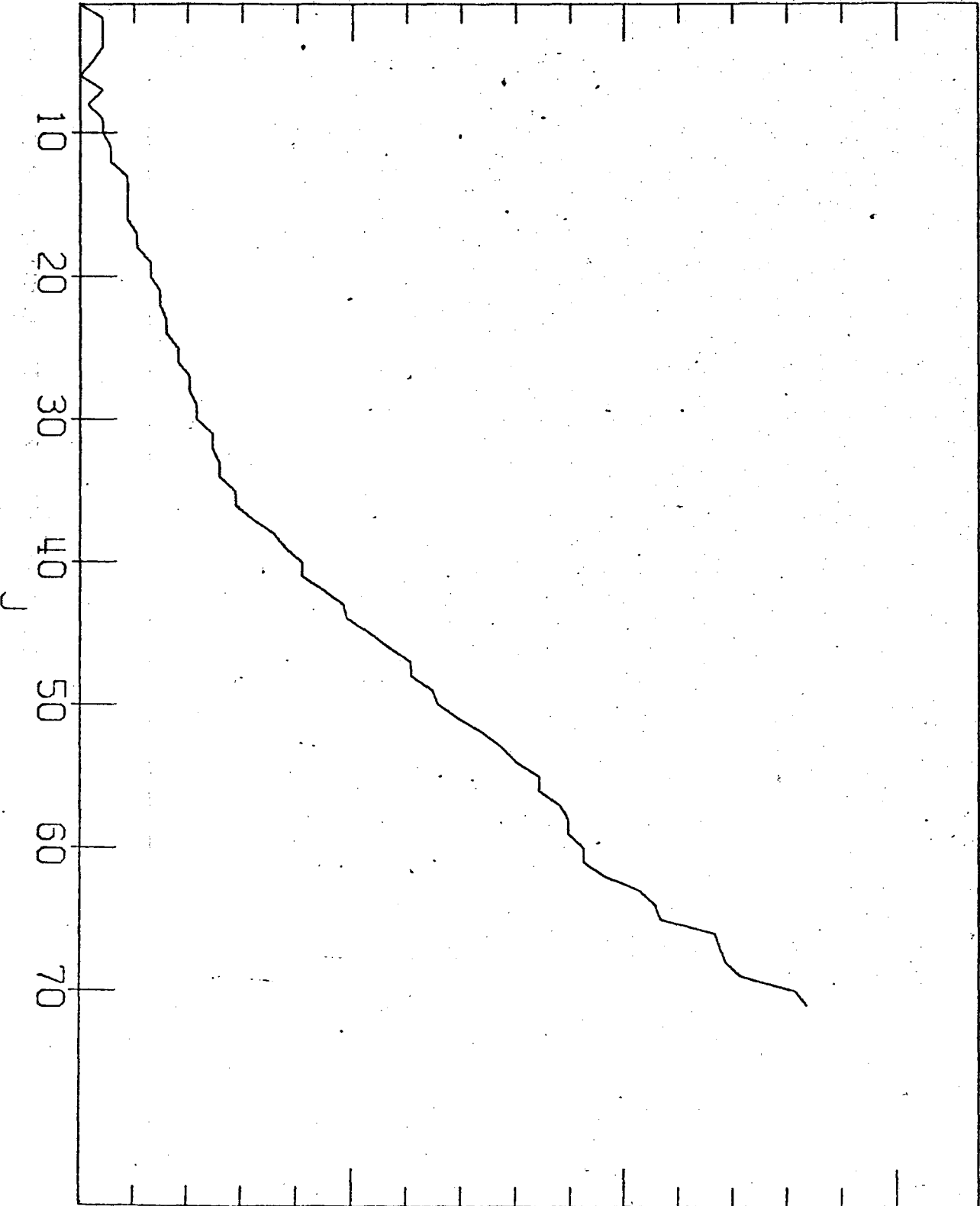
EXC. ENERGY (MEV)

3×10^1

2×10^1

1×10^1

RRST CURVE RCTINIUM-211 Z = 89 N = 122



EXC. ENERGY (MEV)

1X10¹

2X10¹

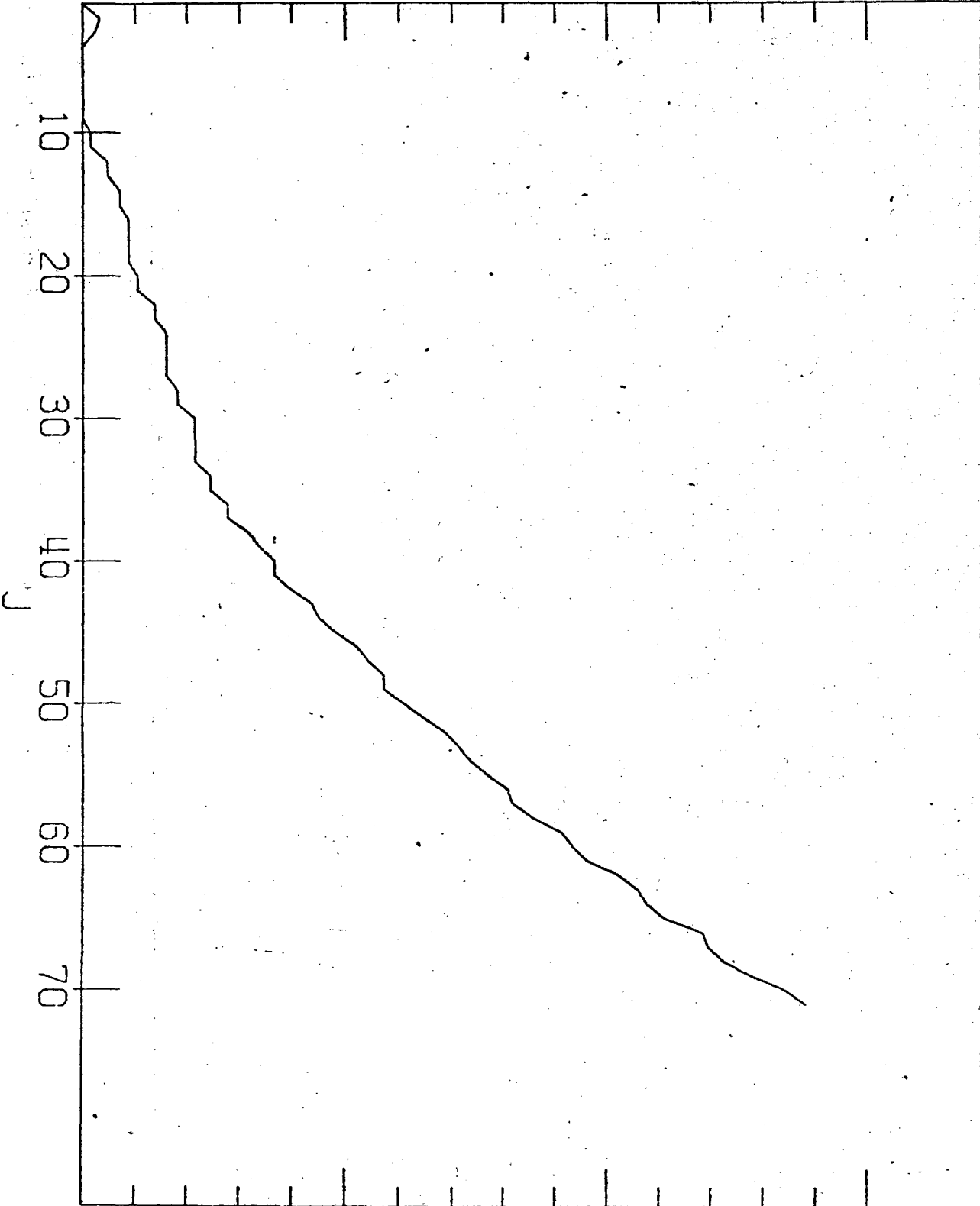
3X10¹

TRAST CURVE

ACTINIUM-212

Z = 89

N = 123



EXC. ENERGY (MEV)

3X10¹

2X10¹

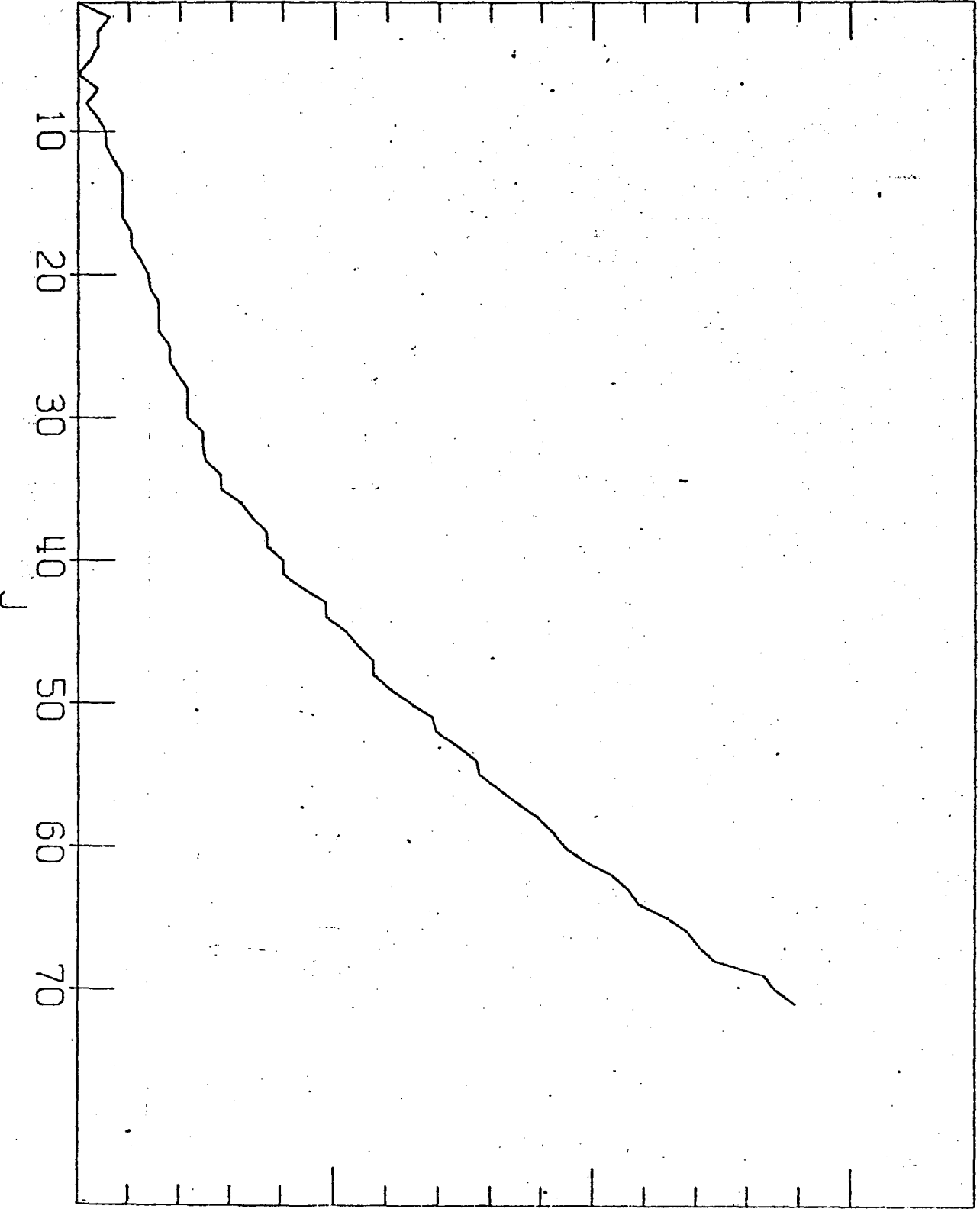
1X10¹

YFAST CURVE

RCTINIUM-213

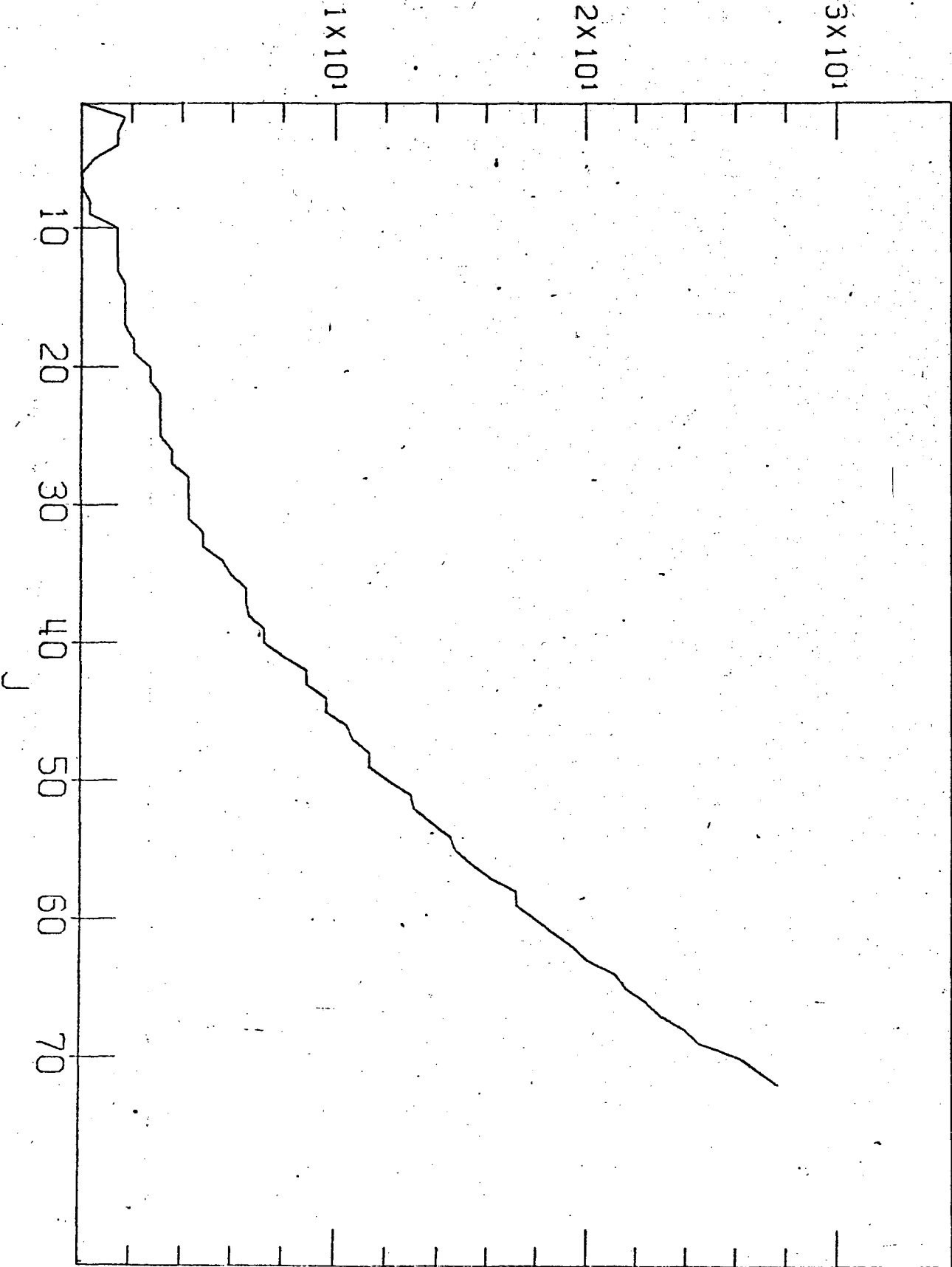
Z = 89

N = 124



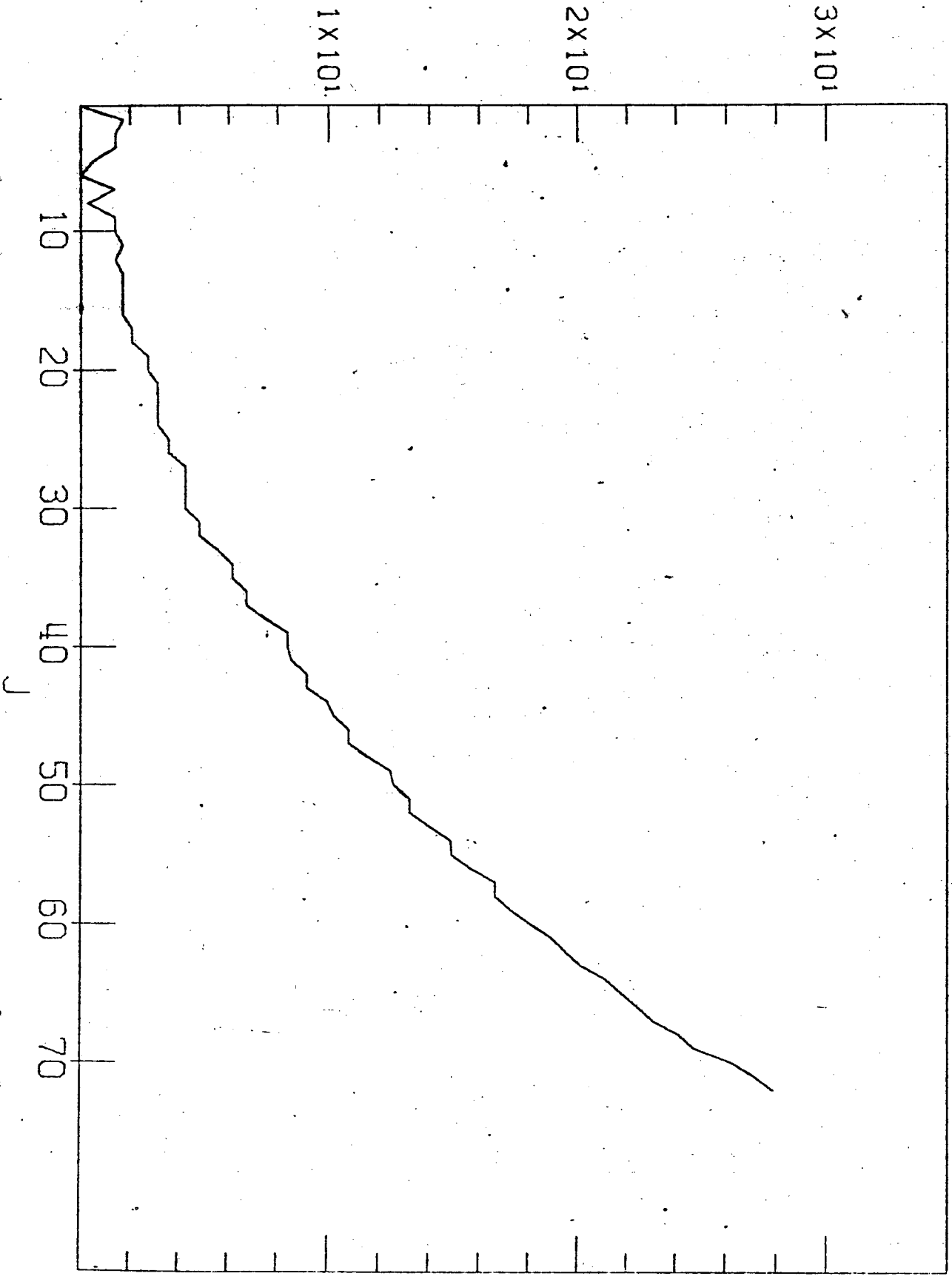
EXC. ENERGY (MEV)

YRST CURVE ACTINIUM-214 Z = 89 N = 125



EXC. ENERGY (MEV)

YRST CURVE ACTINIUM-215 Z = 89 N = 126



EXC. ENERGY (MEV)

1X10¹

2X10¹

3X10¹

TRRST CURVE RCTINIUM-216 Z = 89 N = 127



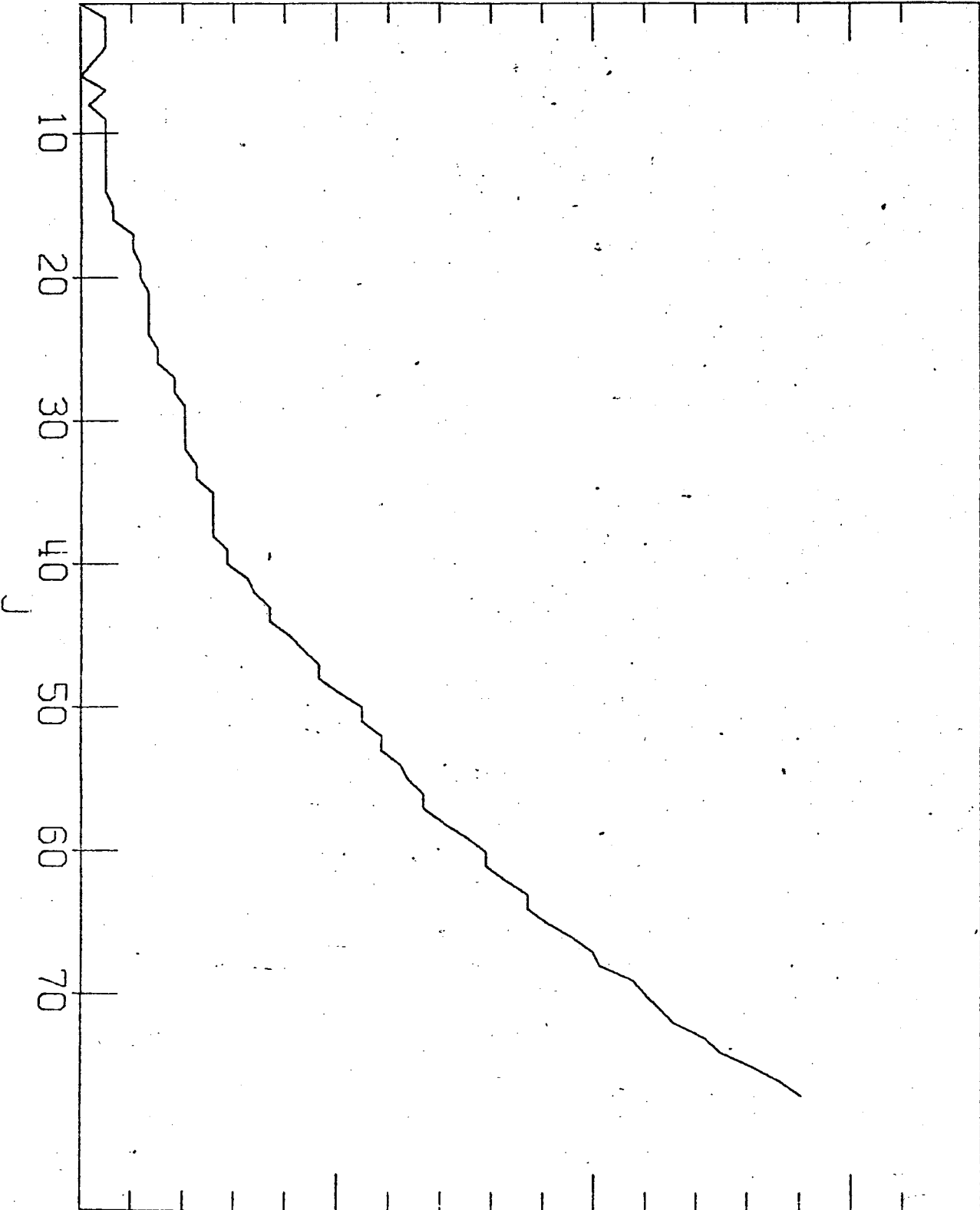
EXC. ENERGY (MEV)

3X 10¹

2X 10¹

1X 10¹

TRRST CURVE ACTINIUM-217 Z = 89 N = 128



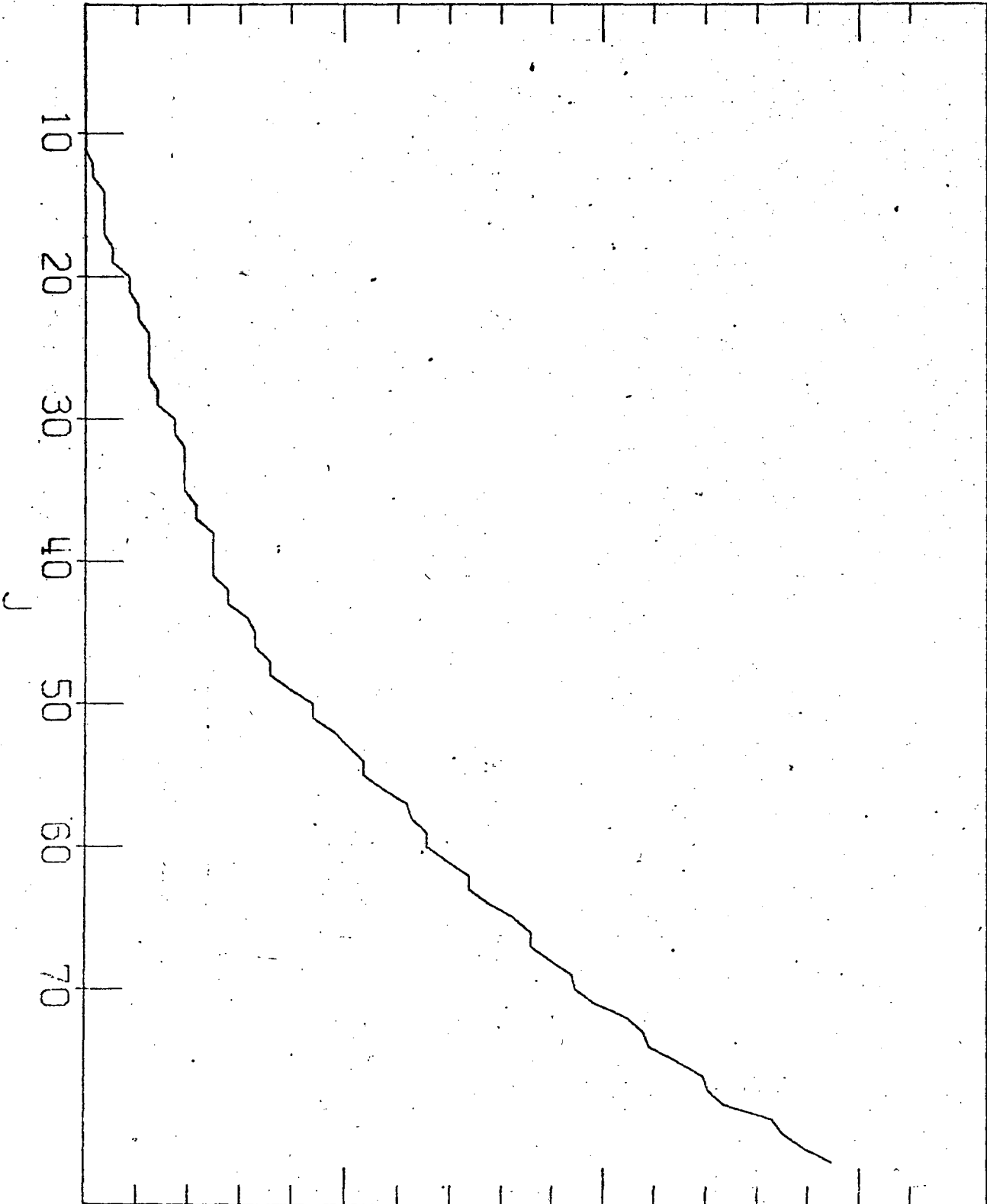
EXC. ENERGY (MEV)

1X10¹

2X10¹

3X10¹

YRST CURVE ACTINIUM-218 Z = 89 N = 129



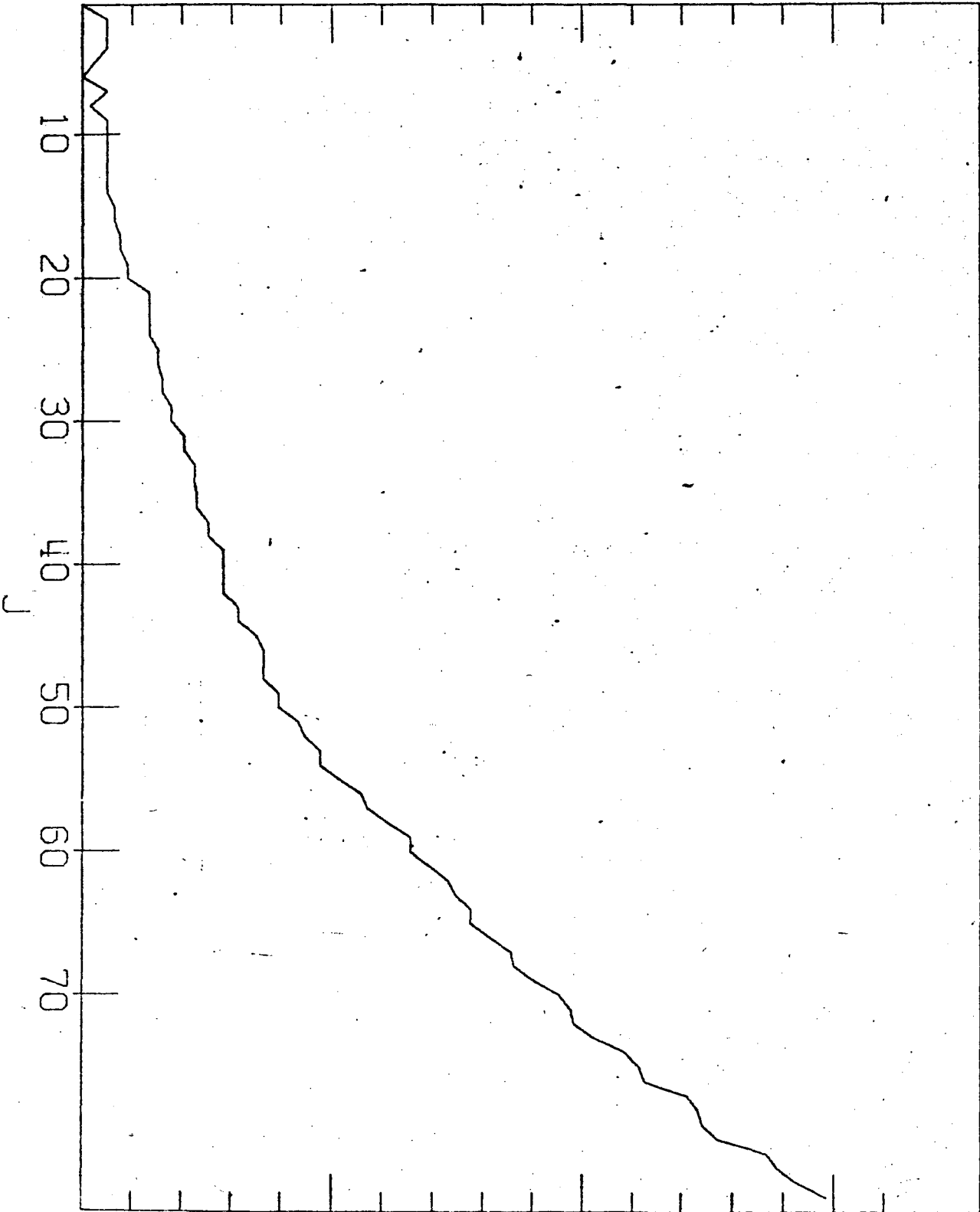
EXC. ENERGY (MEV)

3 X 10¹

2 X 10¹

1 X 10¹

YRST CURVE ACTINIUM-219 Z = 89 N = 130



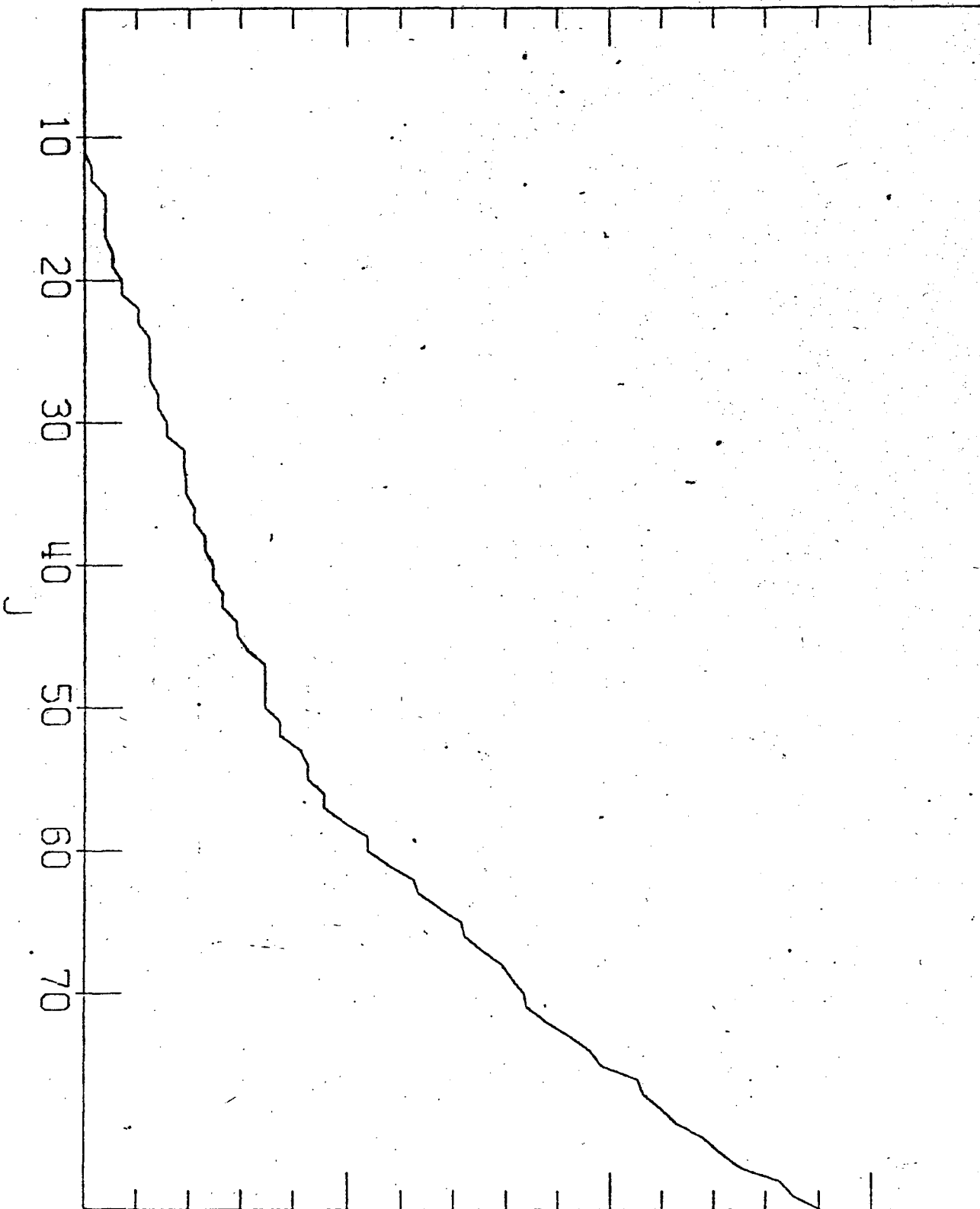
EXC. ENERGY (MEV)

3X10¹

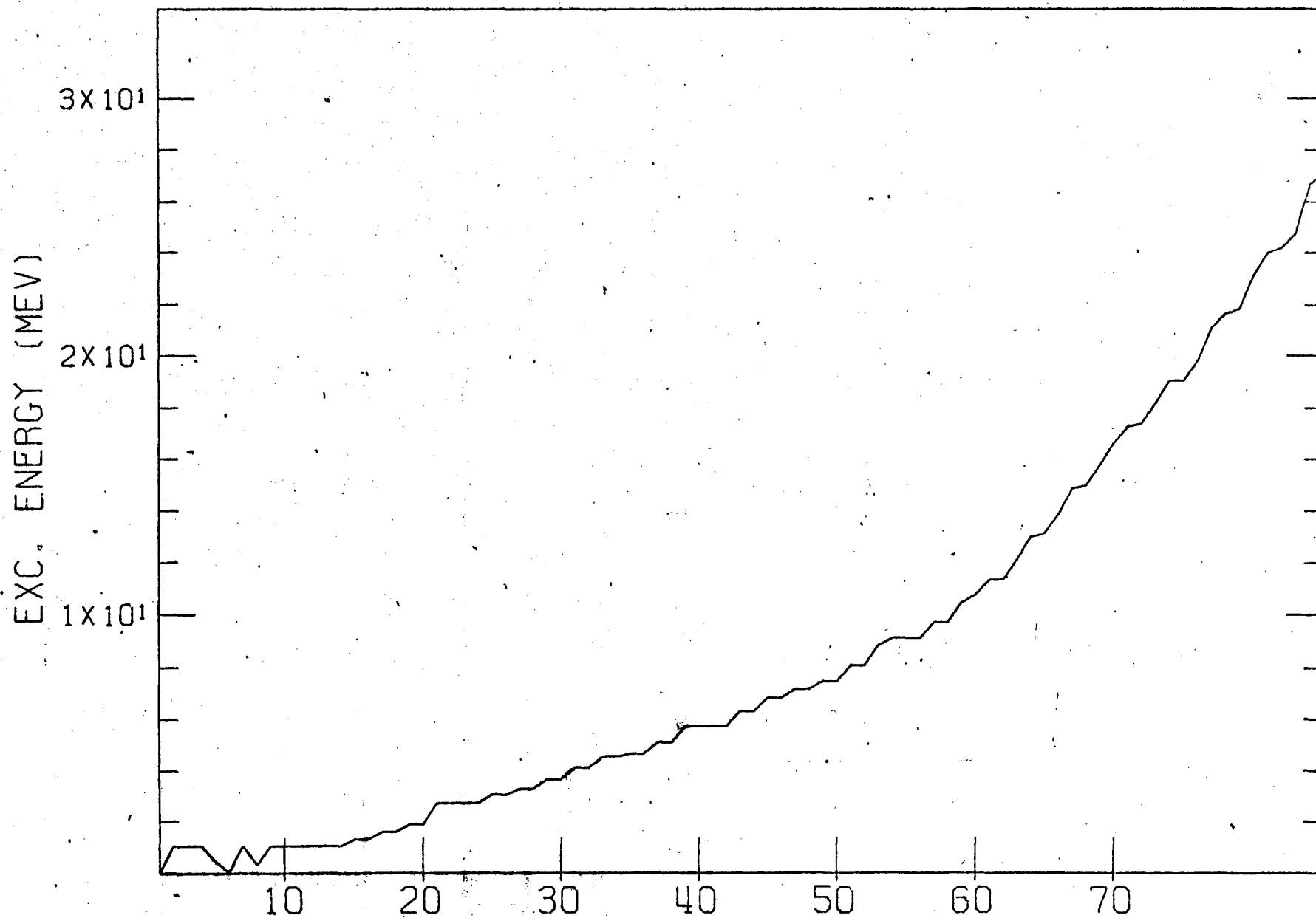
2X10¹

1X10¹

TRAPST CURVE ACTINIUM-220 Z = 89 N = 131



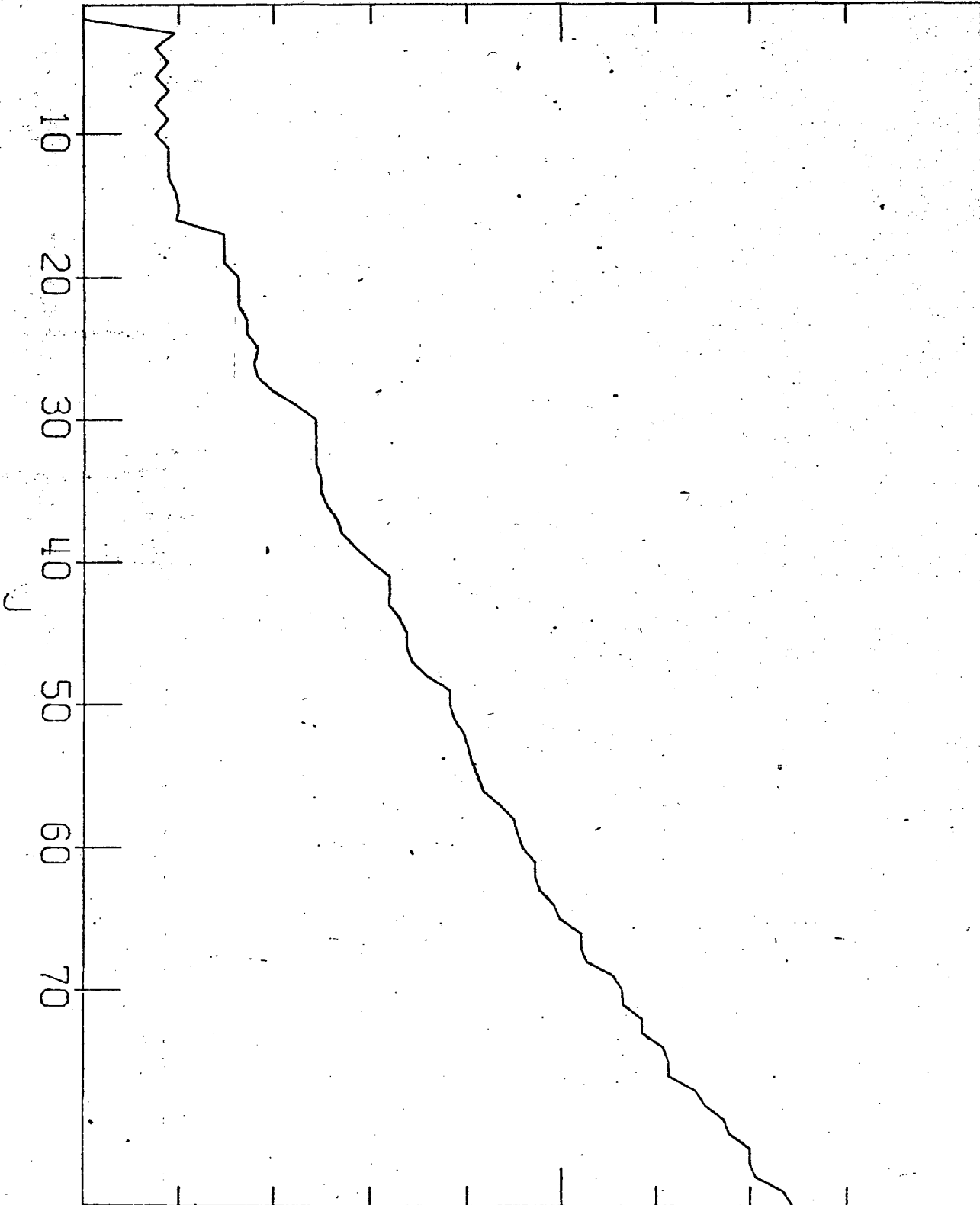
-271-



EXC. ENERGY (MEV)

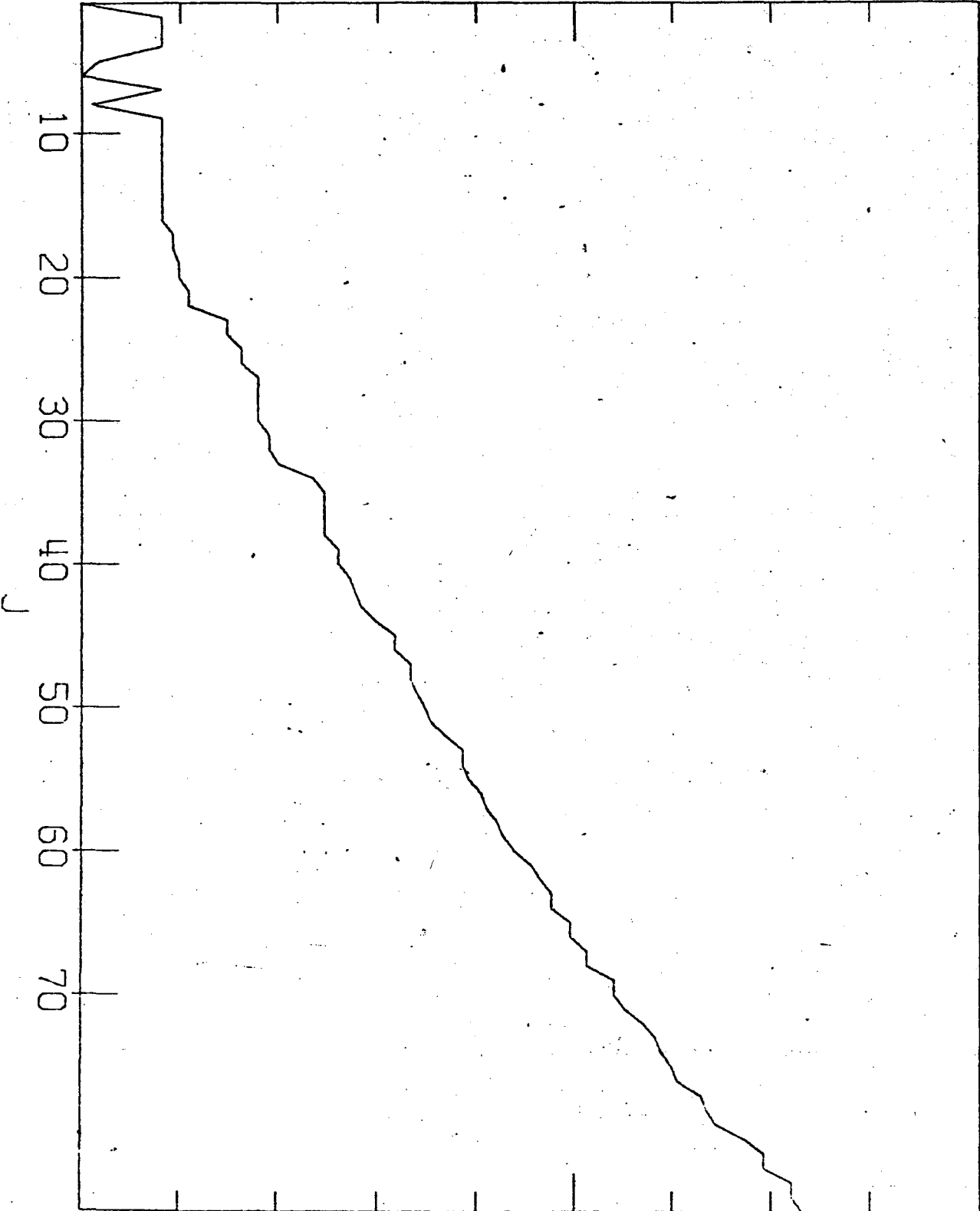
$\times 10^1$

YRST CURVE Z = 90 N = 142 A = 232



EXC. ENERGY (MEV)

1×10^1



YRASI CURVE

Z = 91

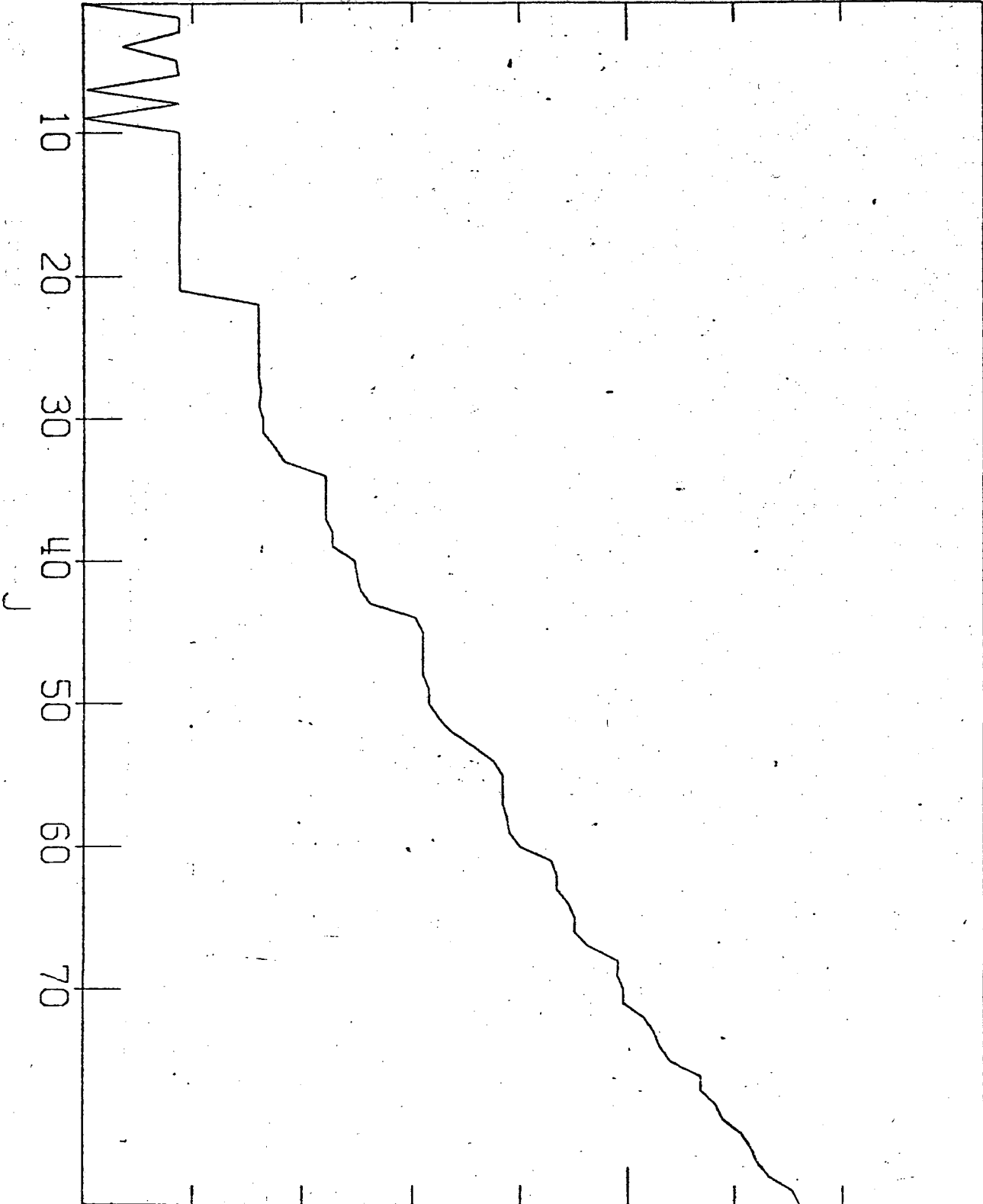
N = 140

A = 231

EXC. ENERGY (MEV)

1X10¹

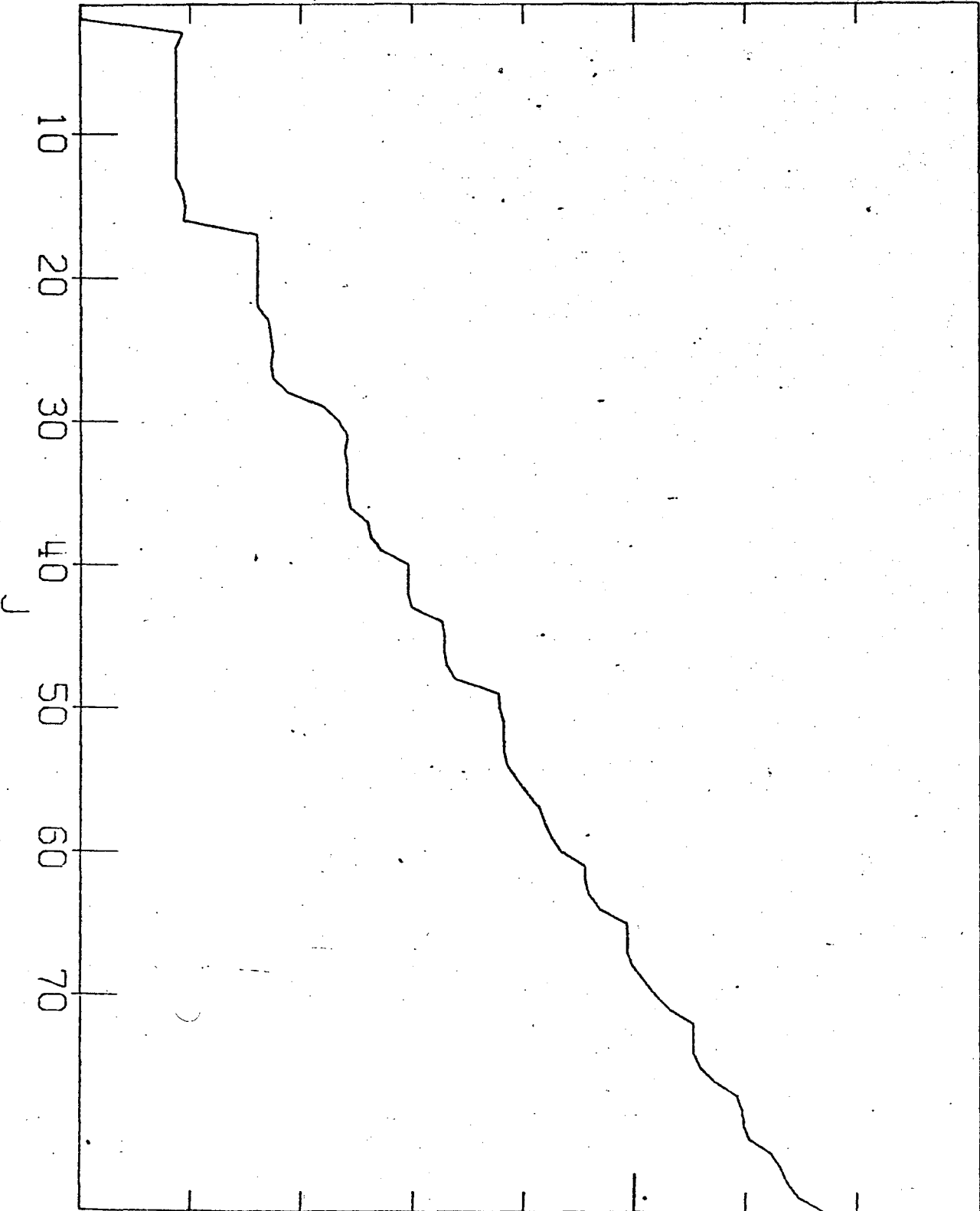
TRRST CURVE Z = 92 N = 143 R = 235



EXC. ENERGY (MEV)

1×10^1

TRRST CURVE Z = 92 N = 146 A = 238



EXC. ENERGY (MEV)

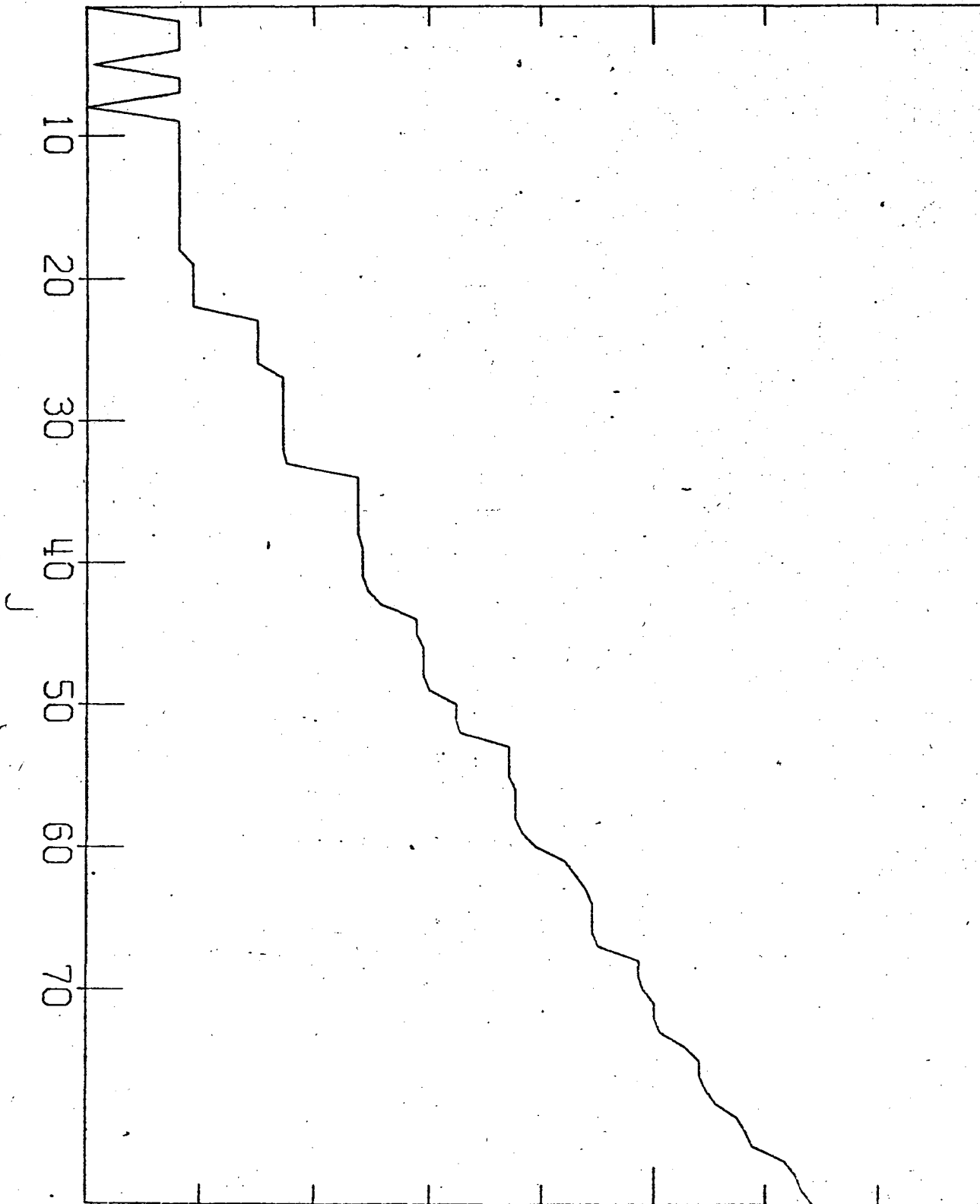
1×10^1

YRST CURVE

Z = 93

N = 144

A = 237



EXC. ENERGY (MEV)

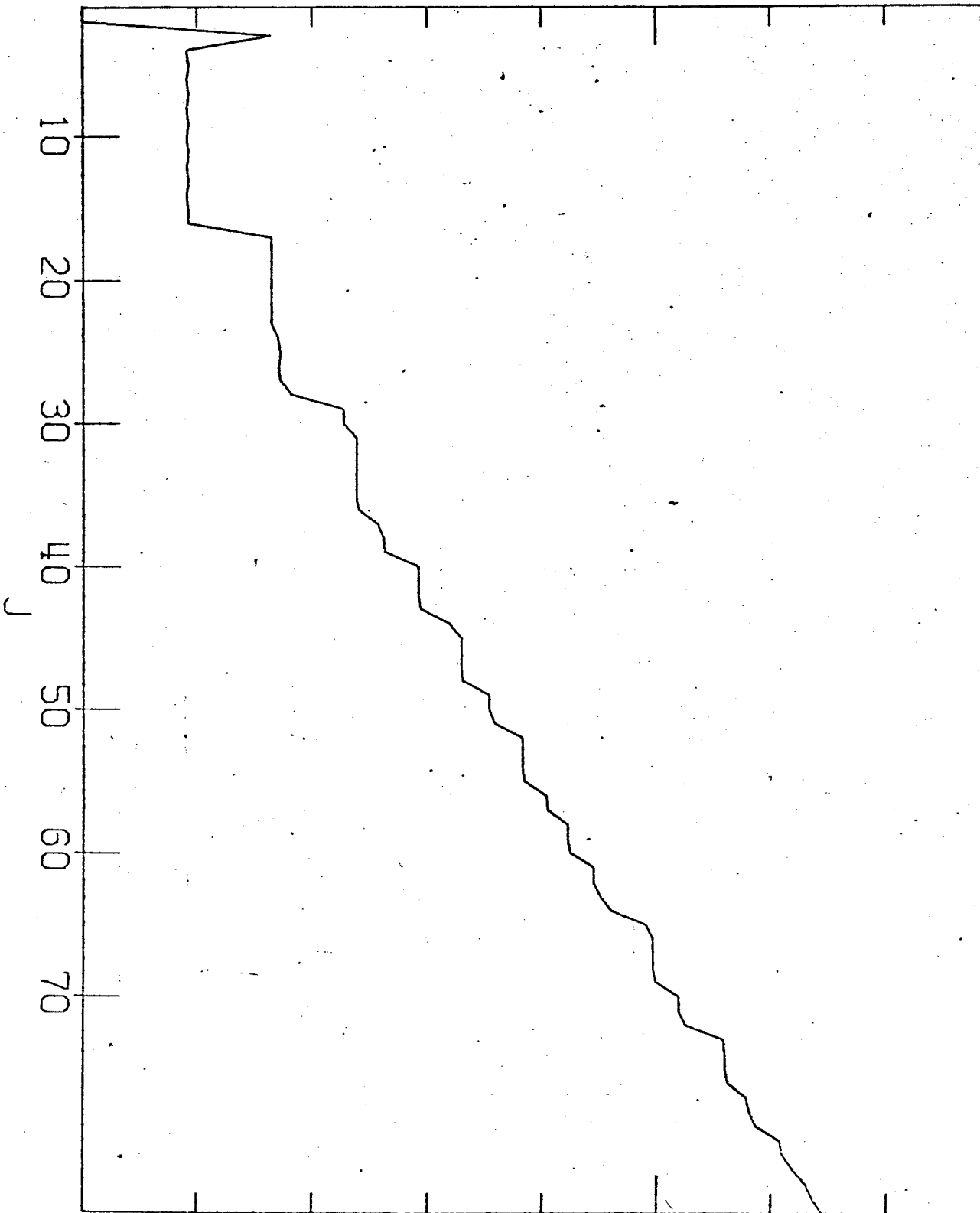
1×10^1

TRAST CURVE

Z = 94

N = 148

A = 242



EXC. ENERGY (MEV)

1×10^1

TRRST CURVE

Z = 95

N = 149

R = 243



EXC. ENERGY (MEV)

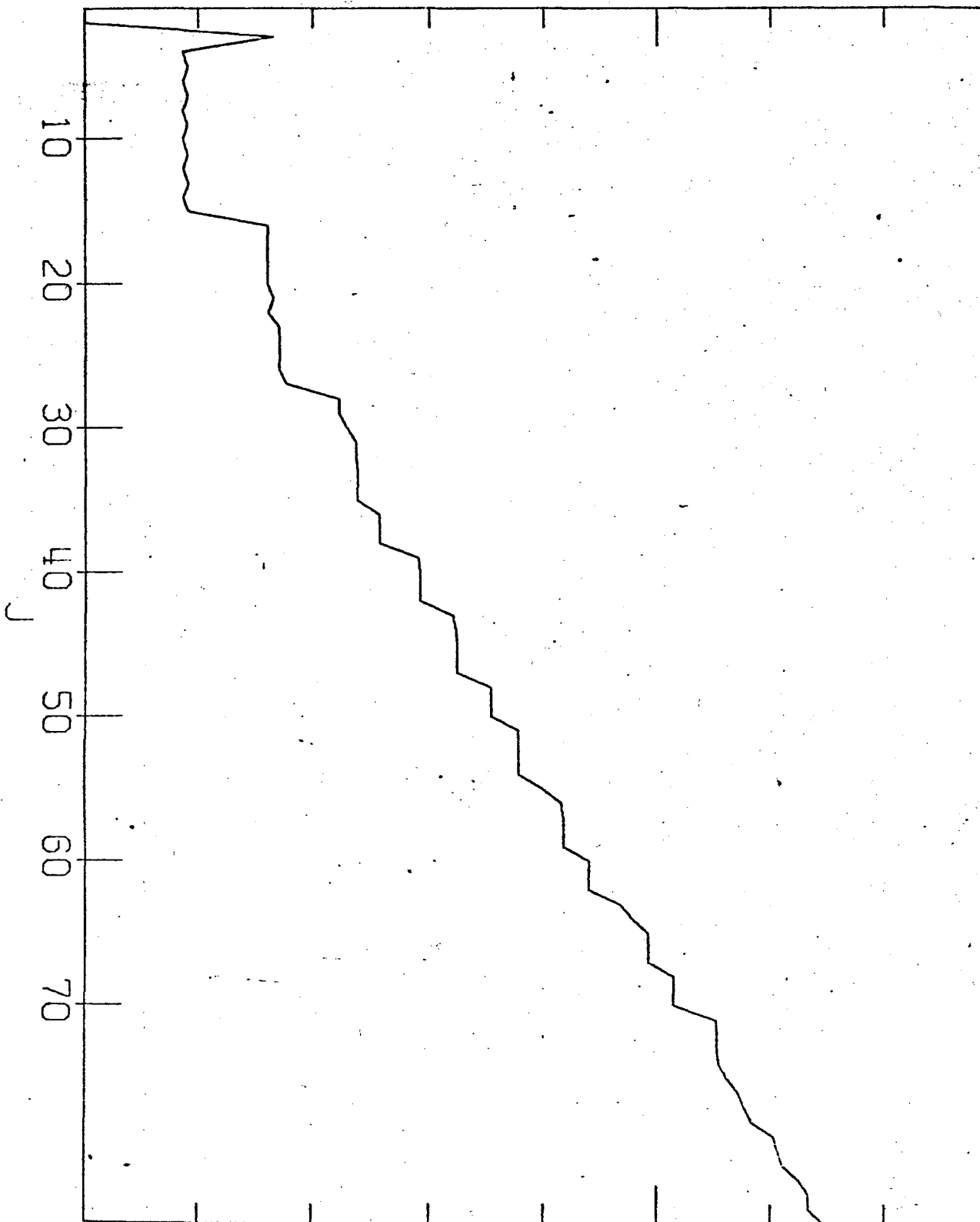
1×10^1

YRST CURVE

Z = 96

N = 152

A = 248



EXC. ENERGY (MEV)

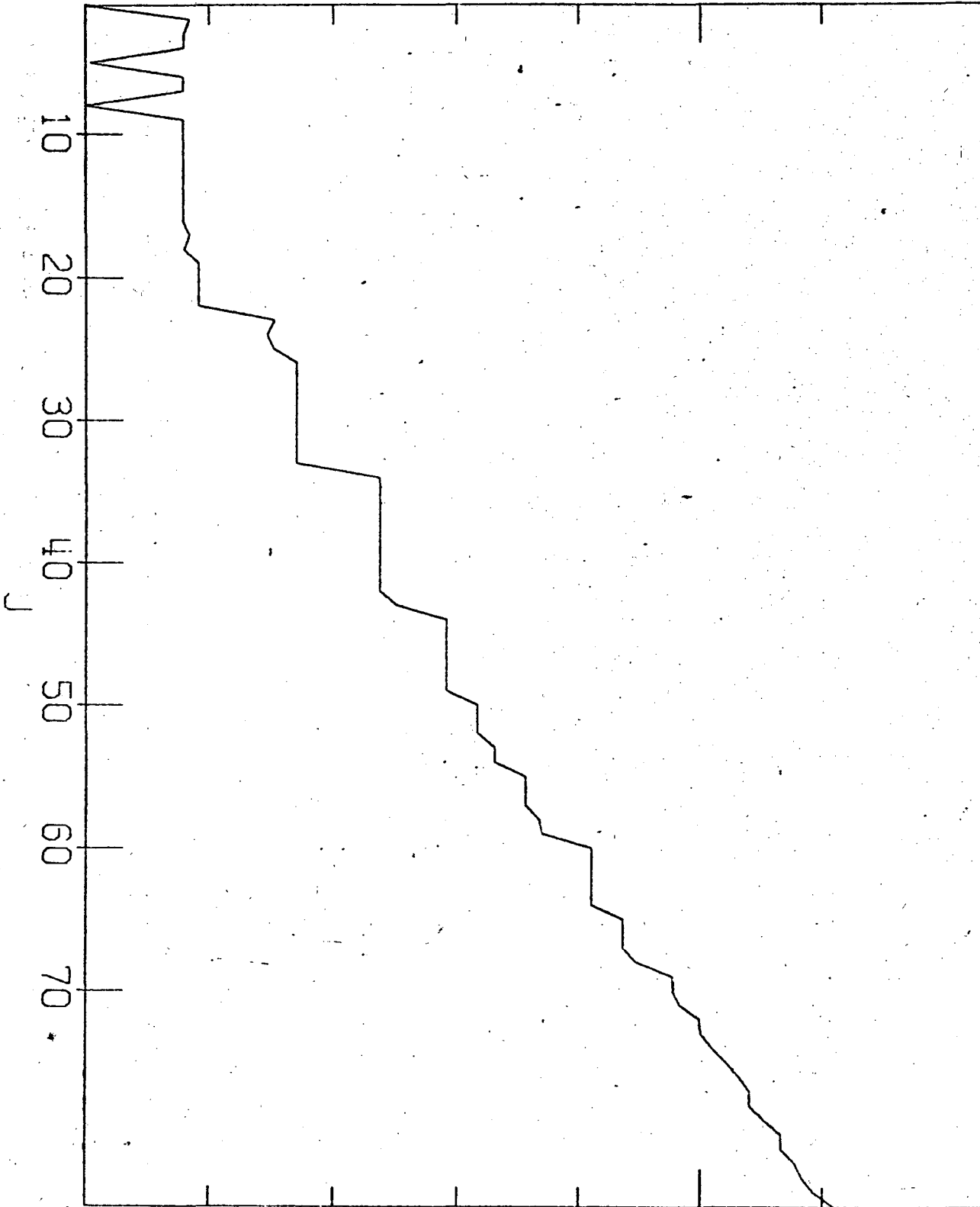
1X101

YRST CURVE

Z = 97

N = 150

R = 247



EXC. ENERGY (MEV)

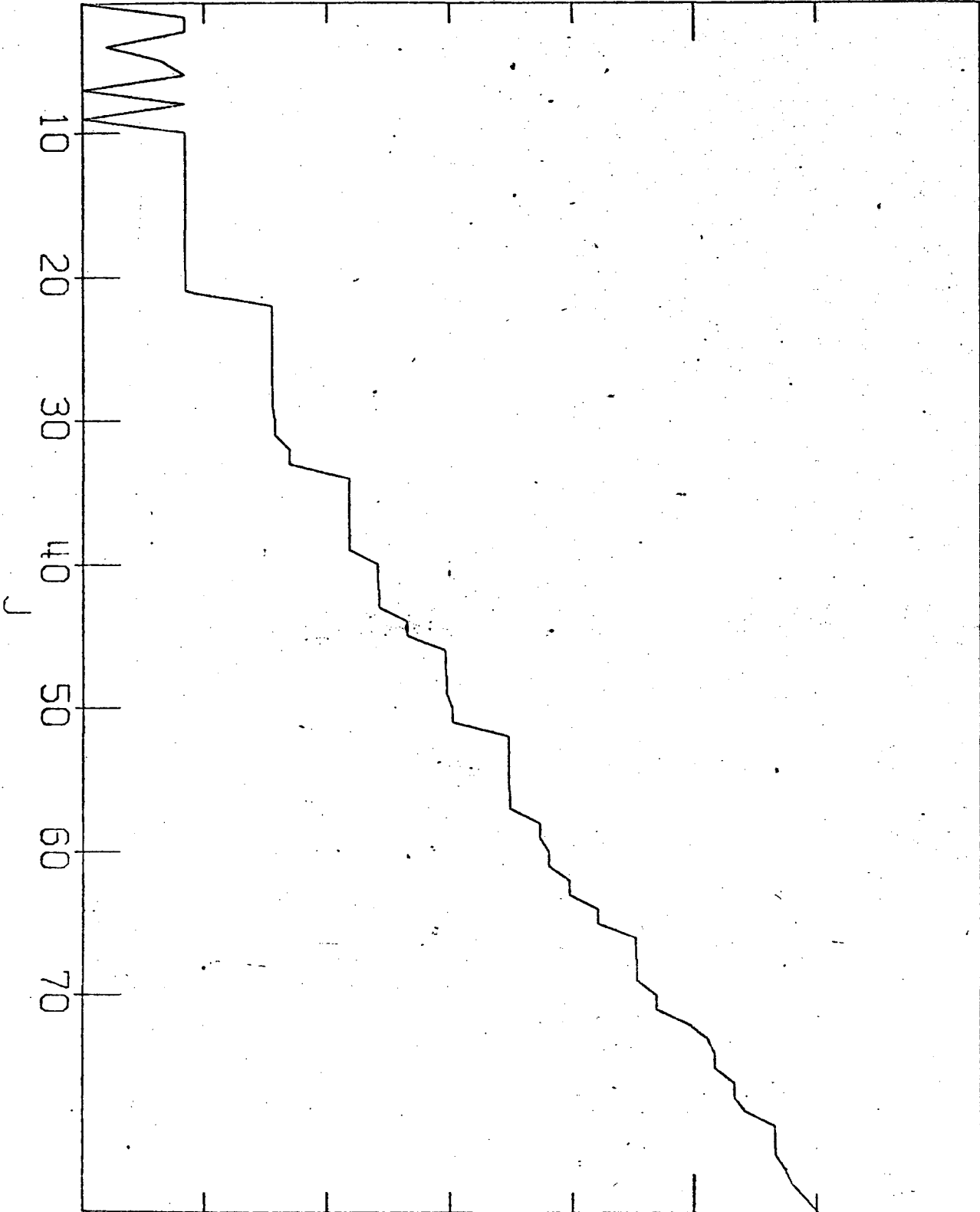
1×10^1

TRRST CURVE

Z = 98

N = 151

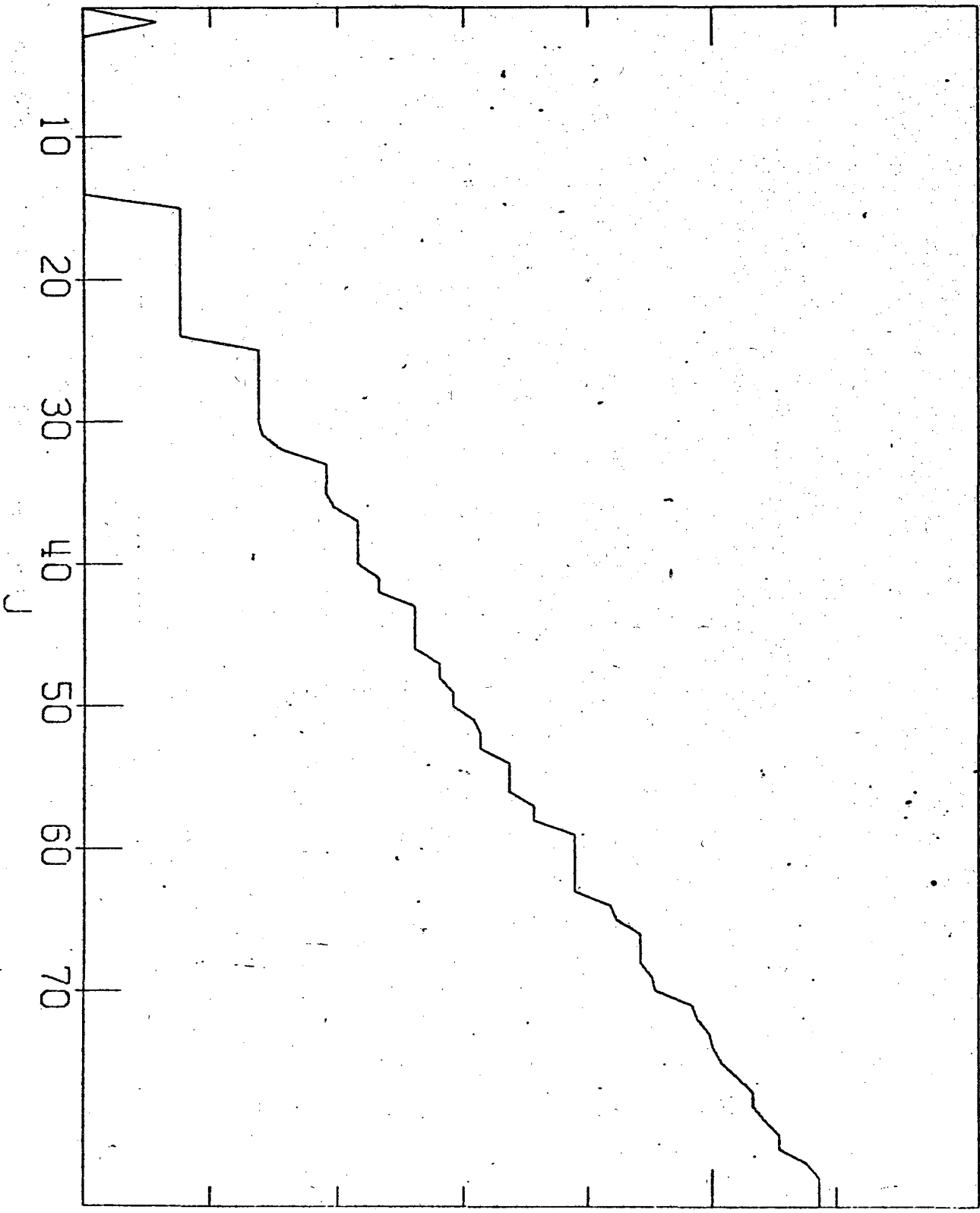
R = 249



EXC. ENERGY (MEV)

1X10¹

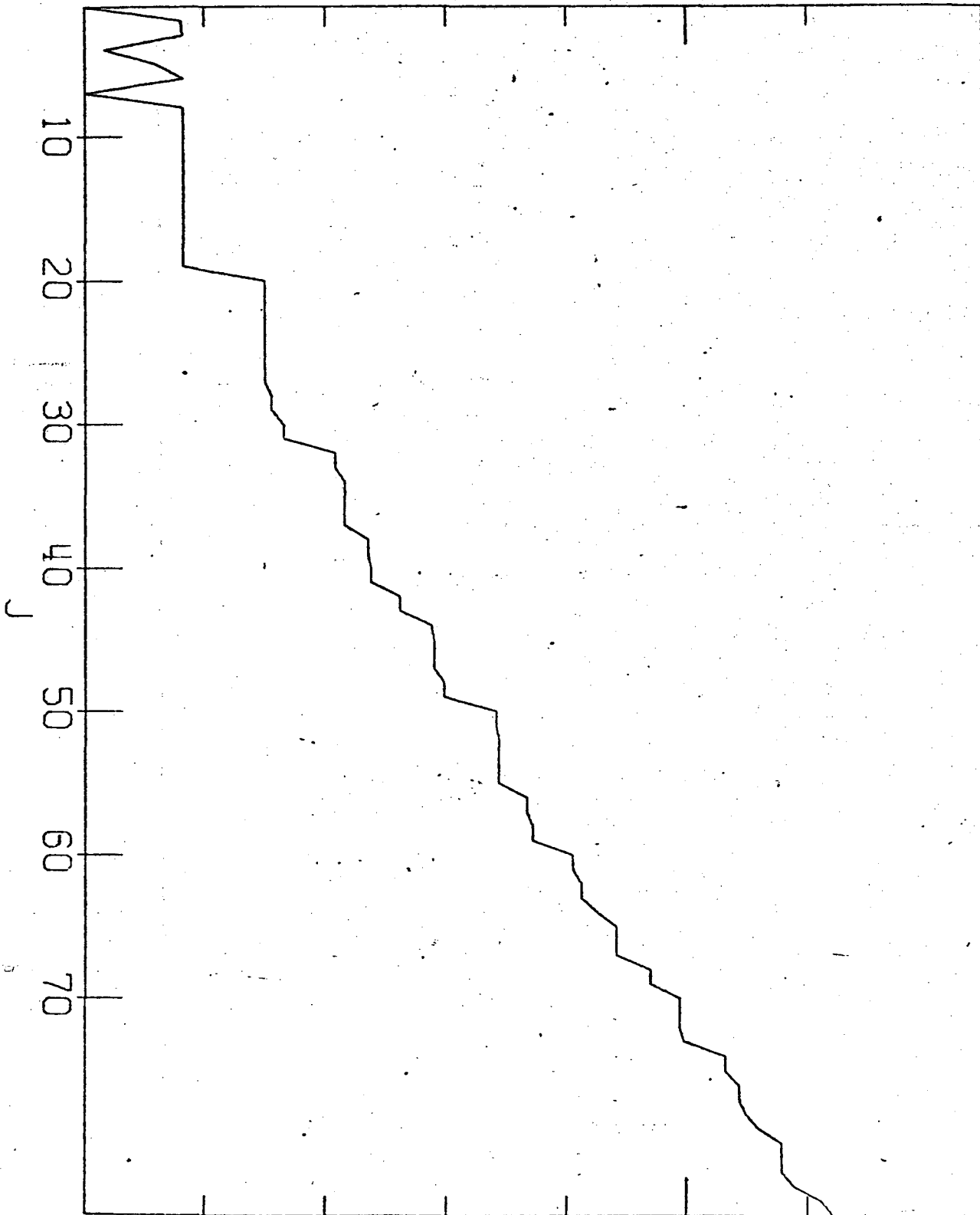
TRAST CURVE Z = 09 N = 155 R = 254



EXC. ENERGY (MEV)

1×10^4

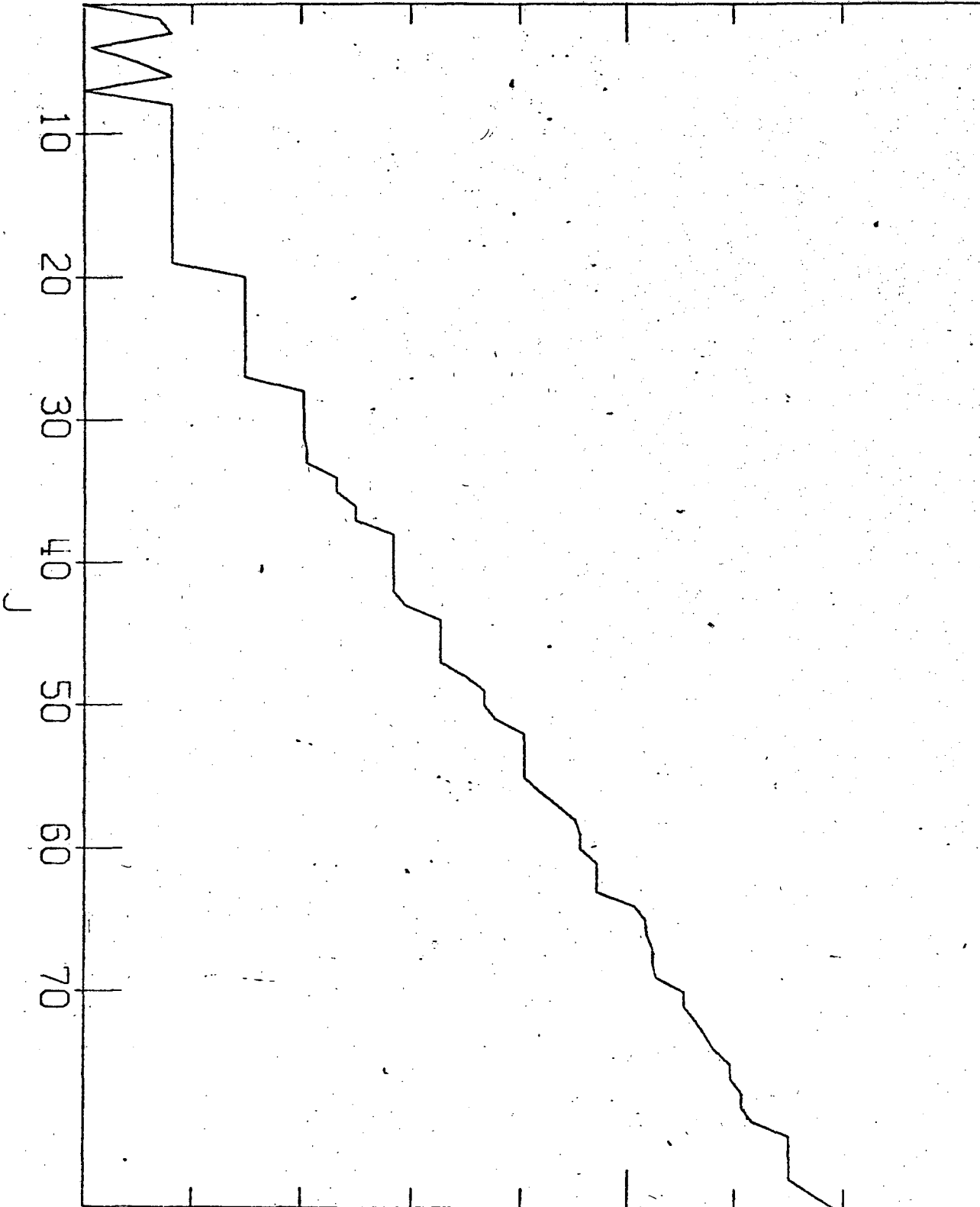
YRST CURVE Z = 100 N = 153 R = 253



EXC. ENERGY (MEV)

1 X 10¹

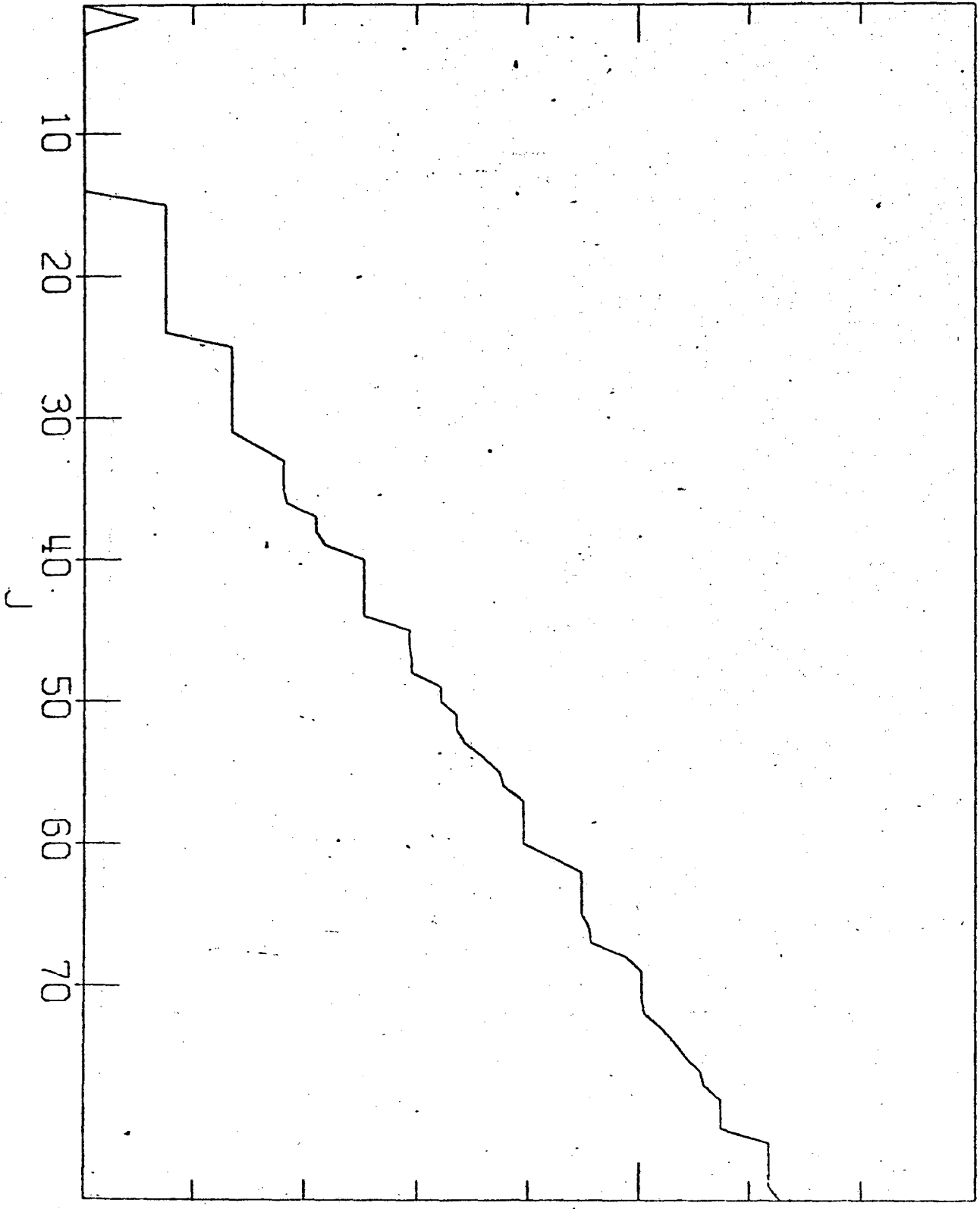
YRST CURVE Z = 100 N = 157 R = 257



EXC. ENERGY (MEV)

1×10^1

YRST CURVE Z = 101 N = 157 A = 258



EXC. ENERGY (MEV)

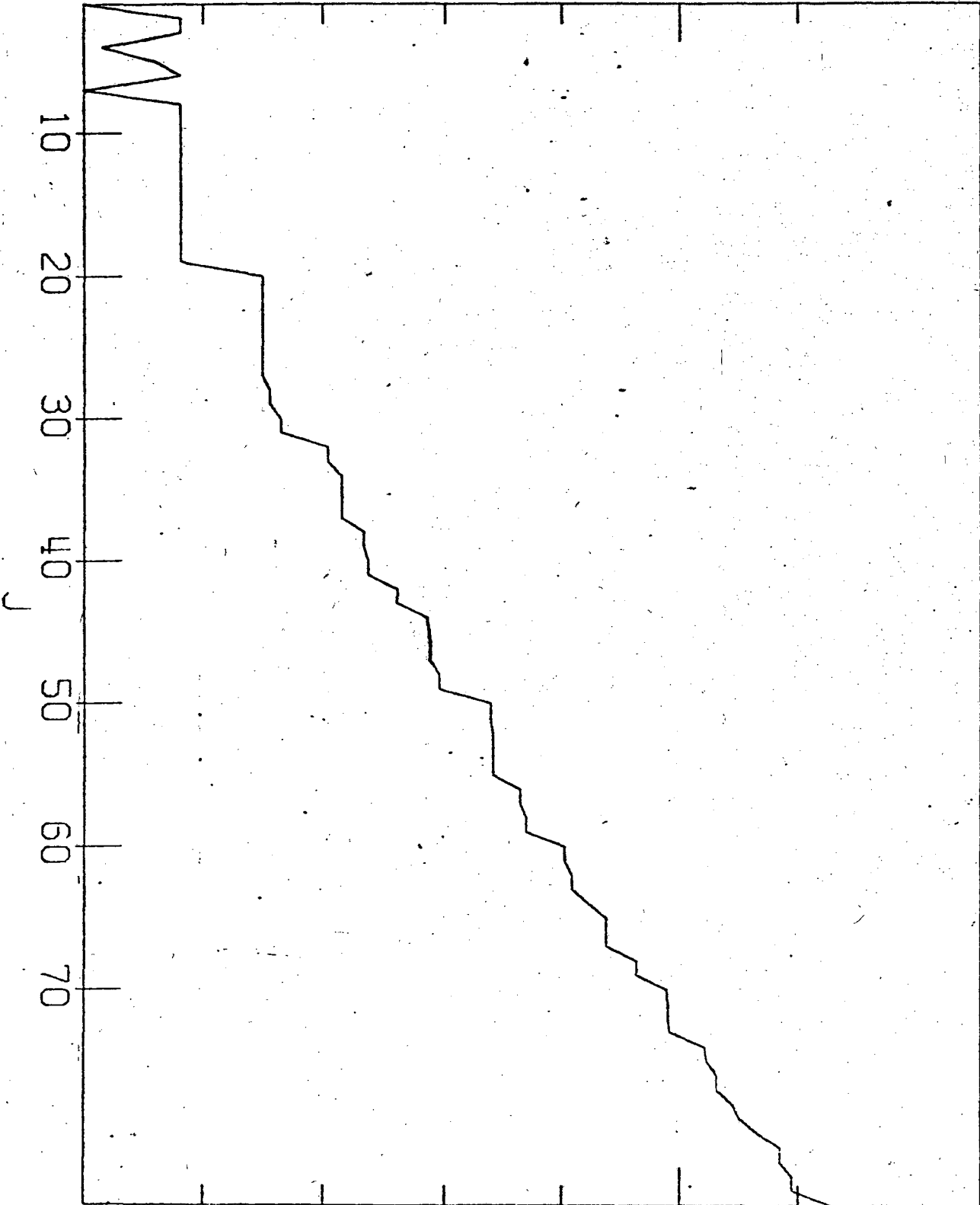
1×10^1

YRST CURVE

Z = 102

N = 153

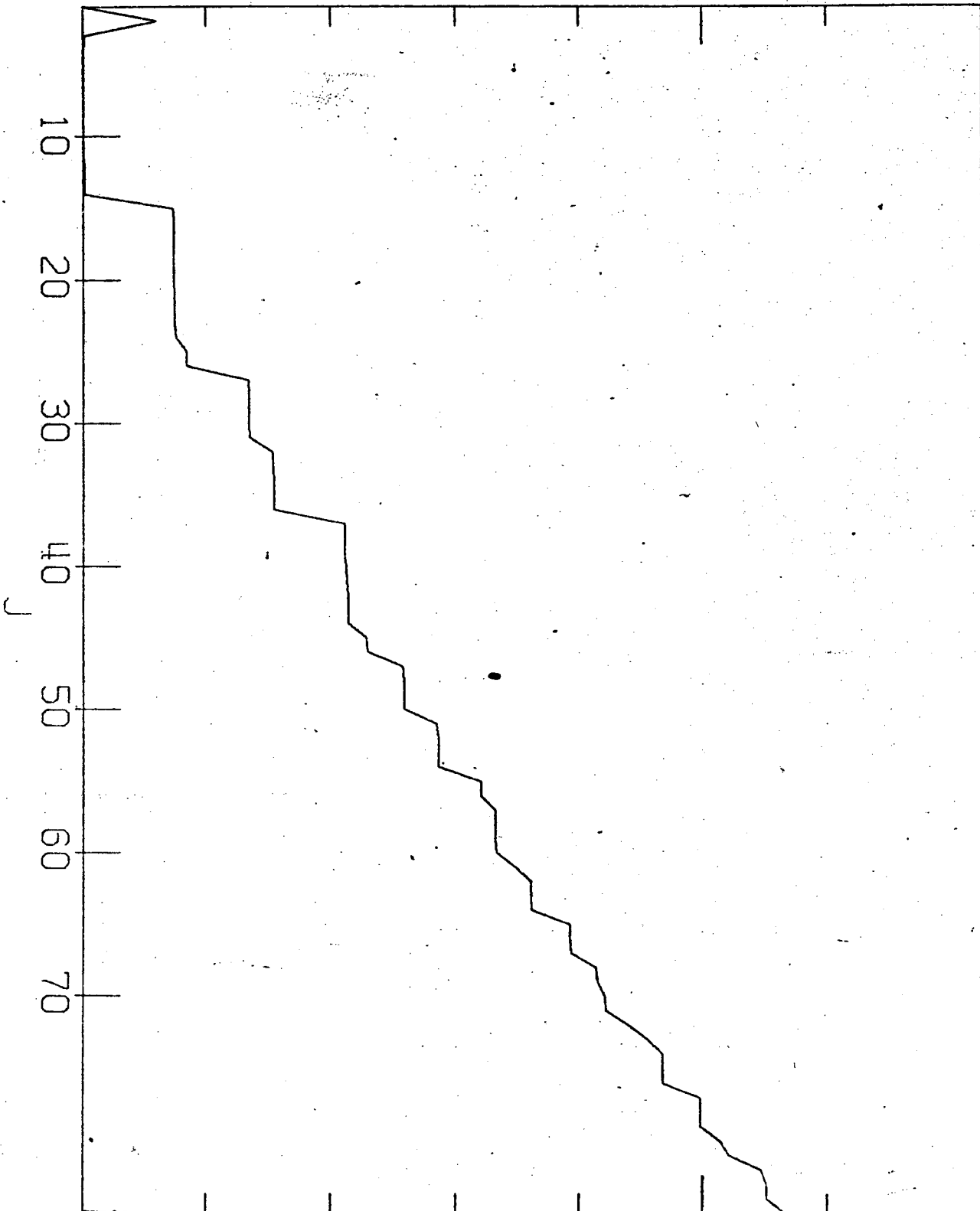
A = 255



EXC. ENERGY (MEV)

1×10^1

YRST CURVE Z = 103 N = 153 A = 256



EXC. ENERGY (MEV)

1×10^1

YRST CURVE

Z = 104

N = 157

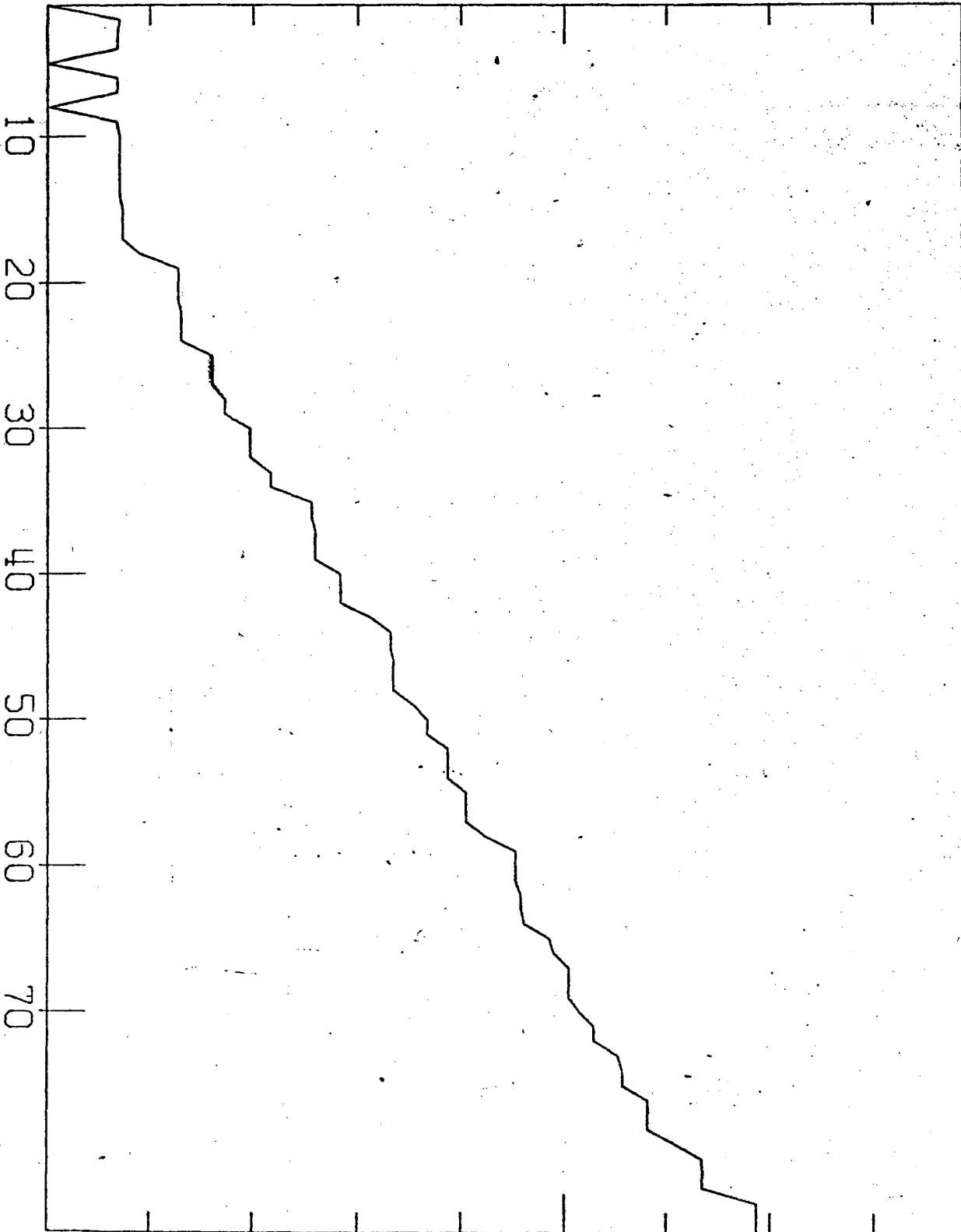
R = 261



EXC. ENERGY (MEV)

1×10^1

YRST CURVE Z = 105 N = 156 A = 261



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