

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

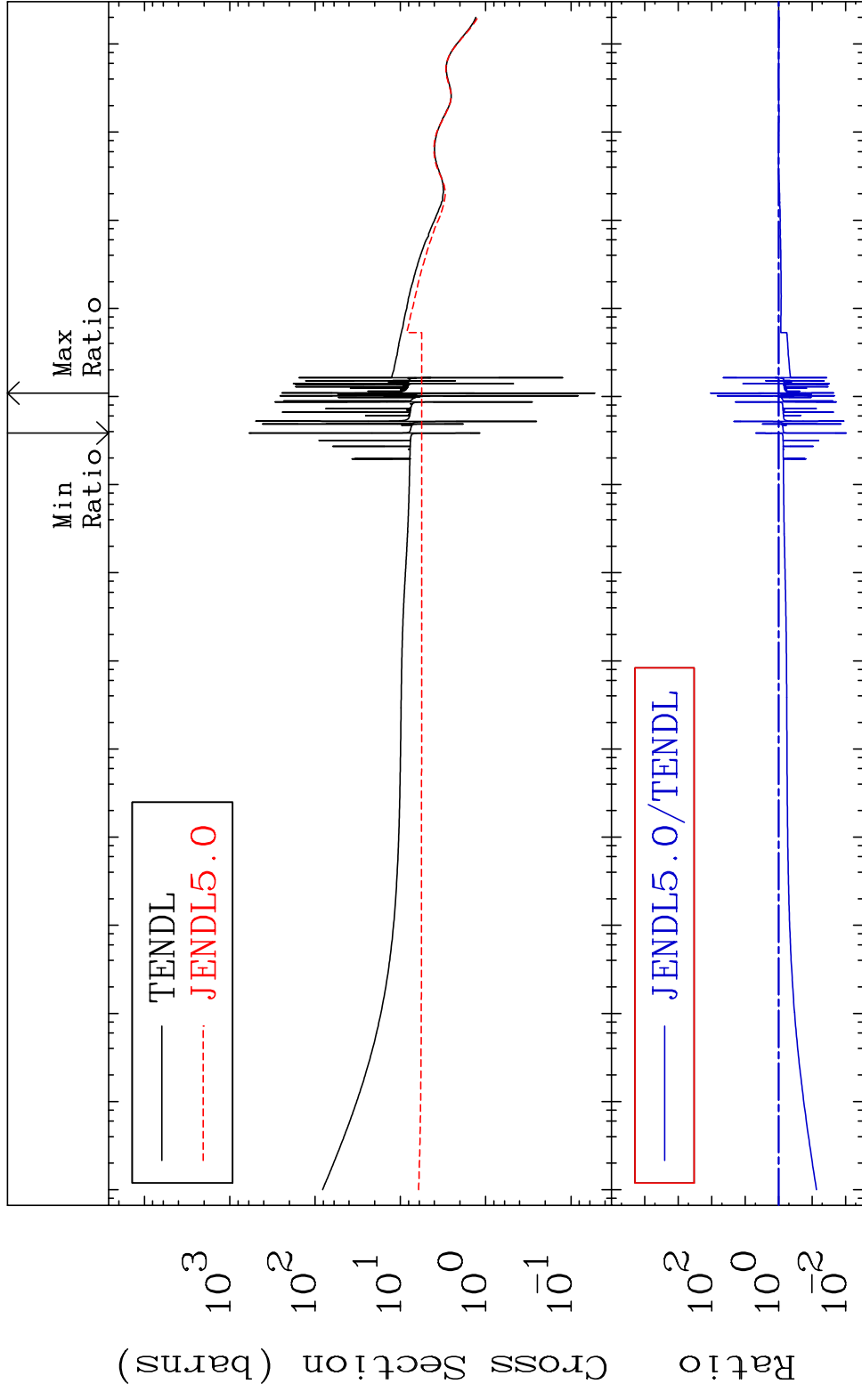
MAT 3049

Total

30-Zn-72

Cross Section

-99.04 To 9999. %



1

Incident Energy (eV)

30-Zn-72

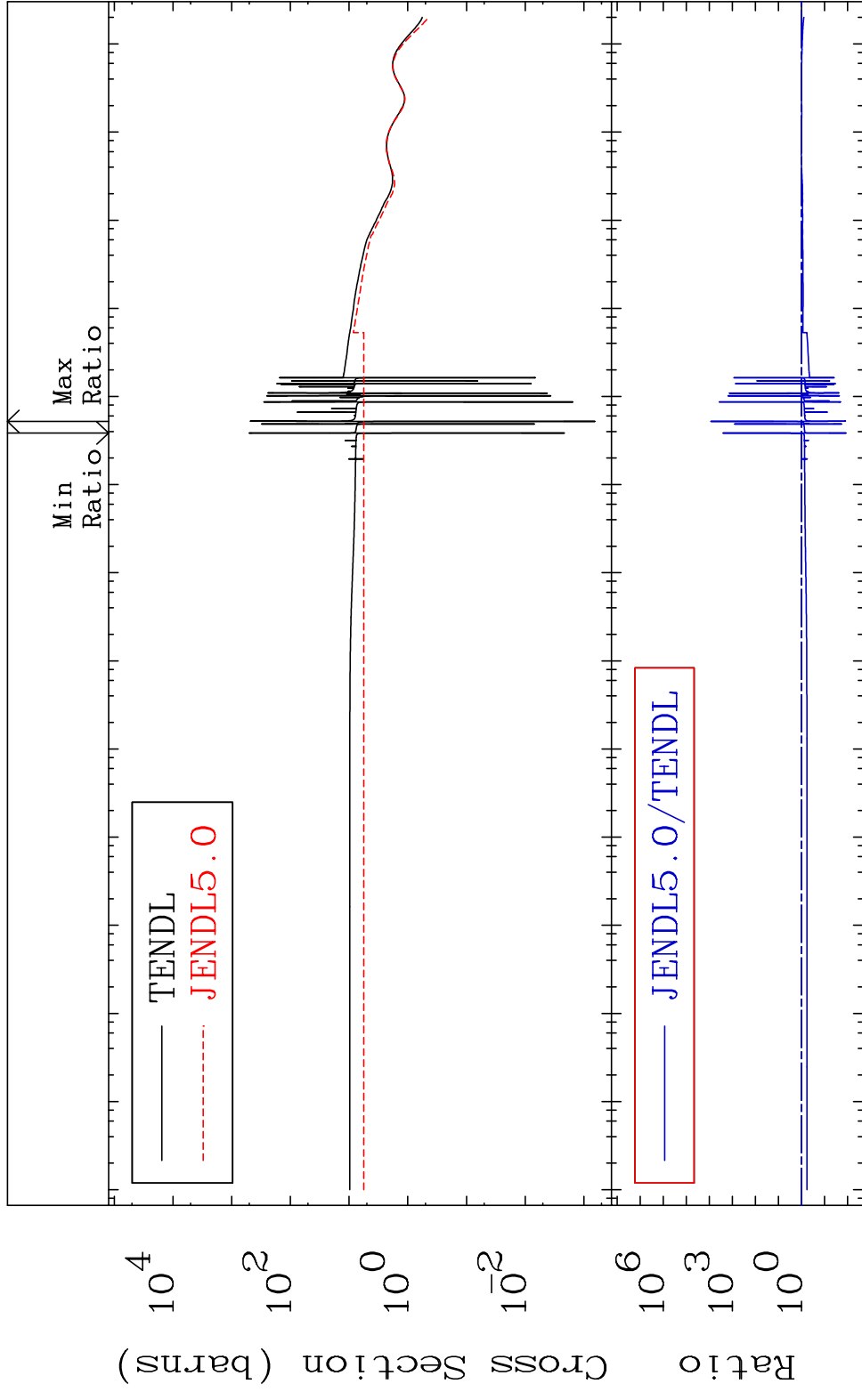
MAT 3049

Elastic

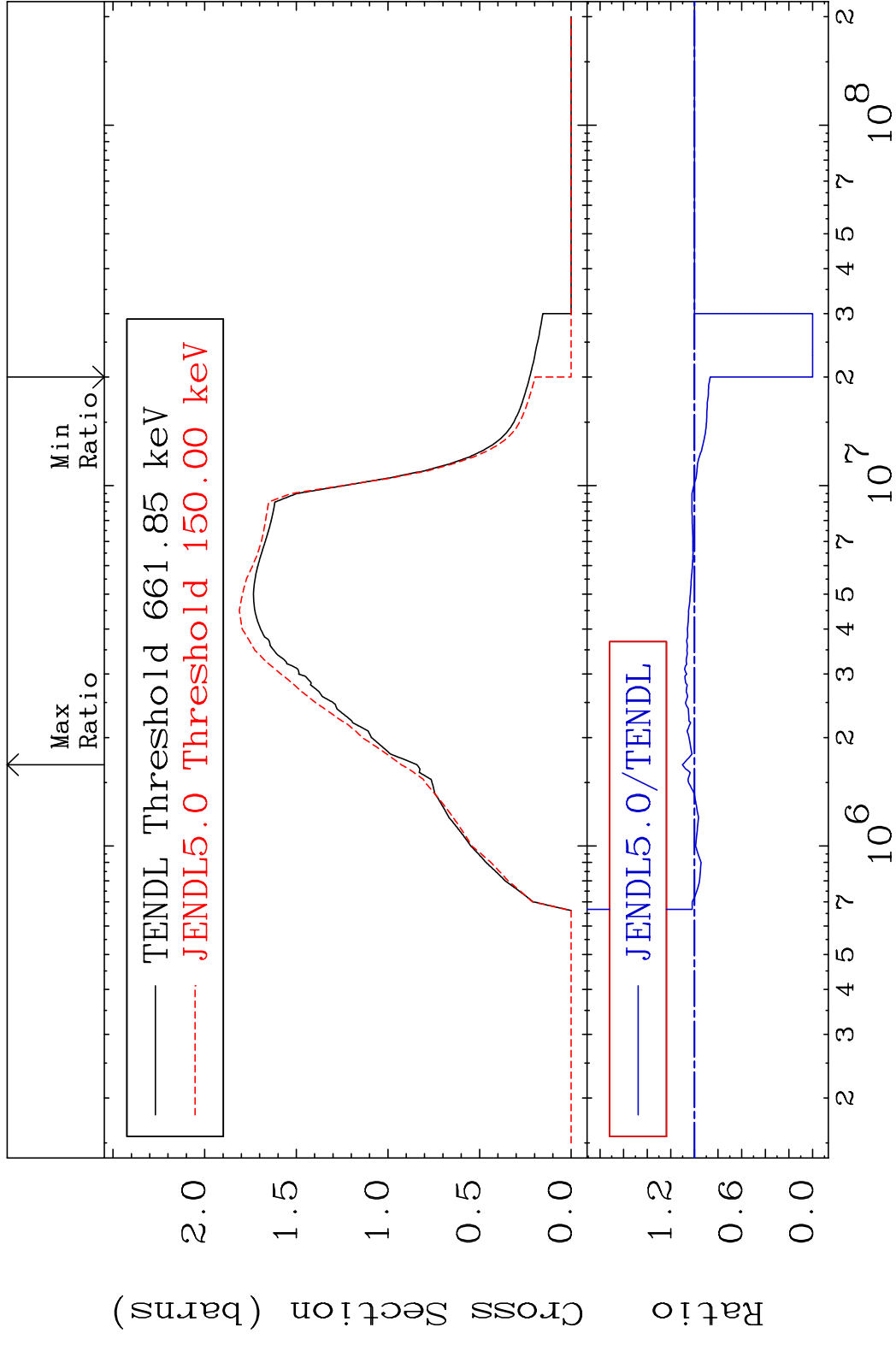
30-Zn-72

Cross Section

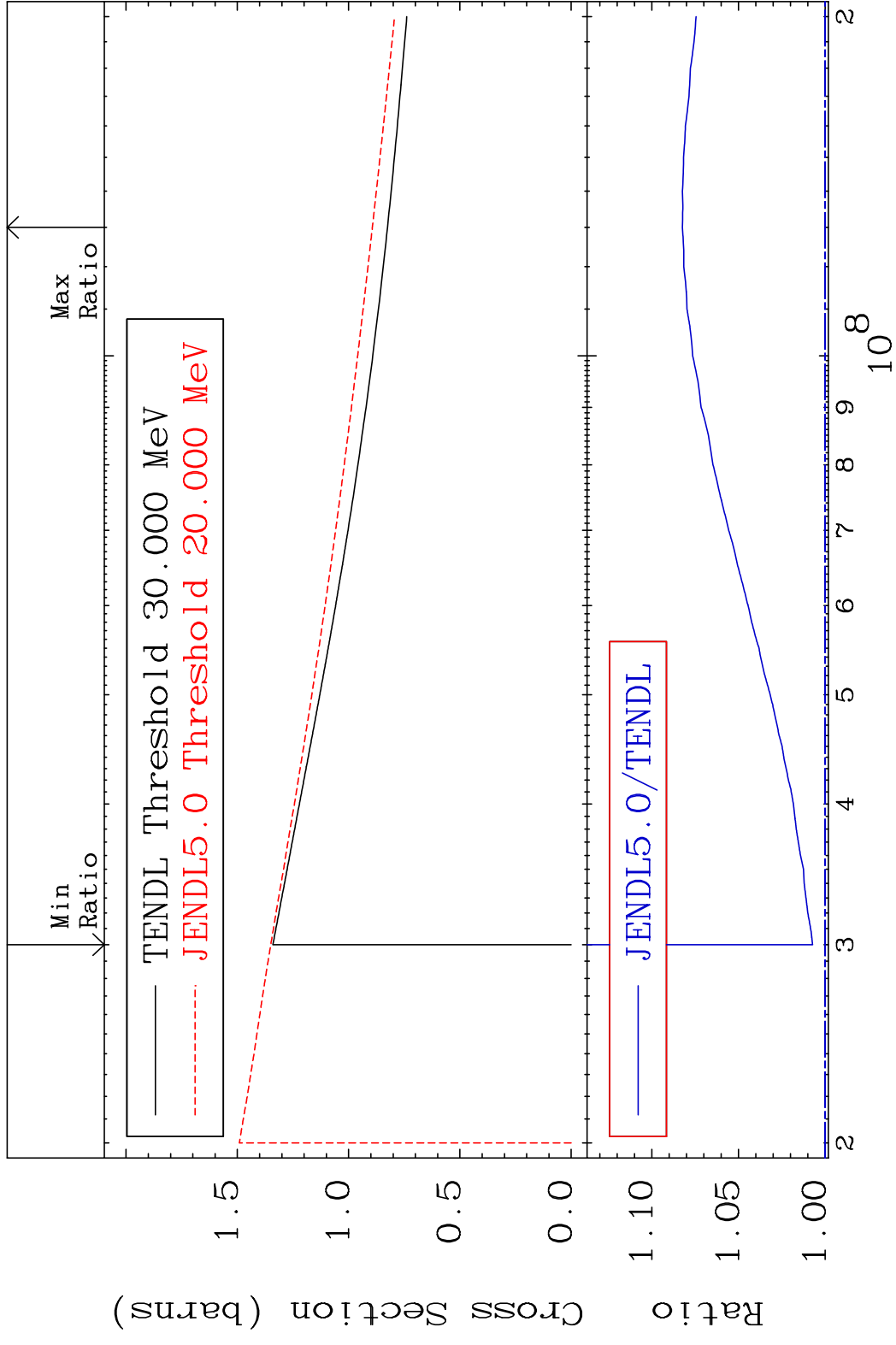
-98.87 To 9999. %



MAT 3049 Inelastic Cross Section -100.0 To 10.24 % 30-Zn-72



MAT 3049 (n, remainder) 30-Zn-72
 Cross Section 0.722 To 8.241 %



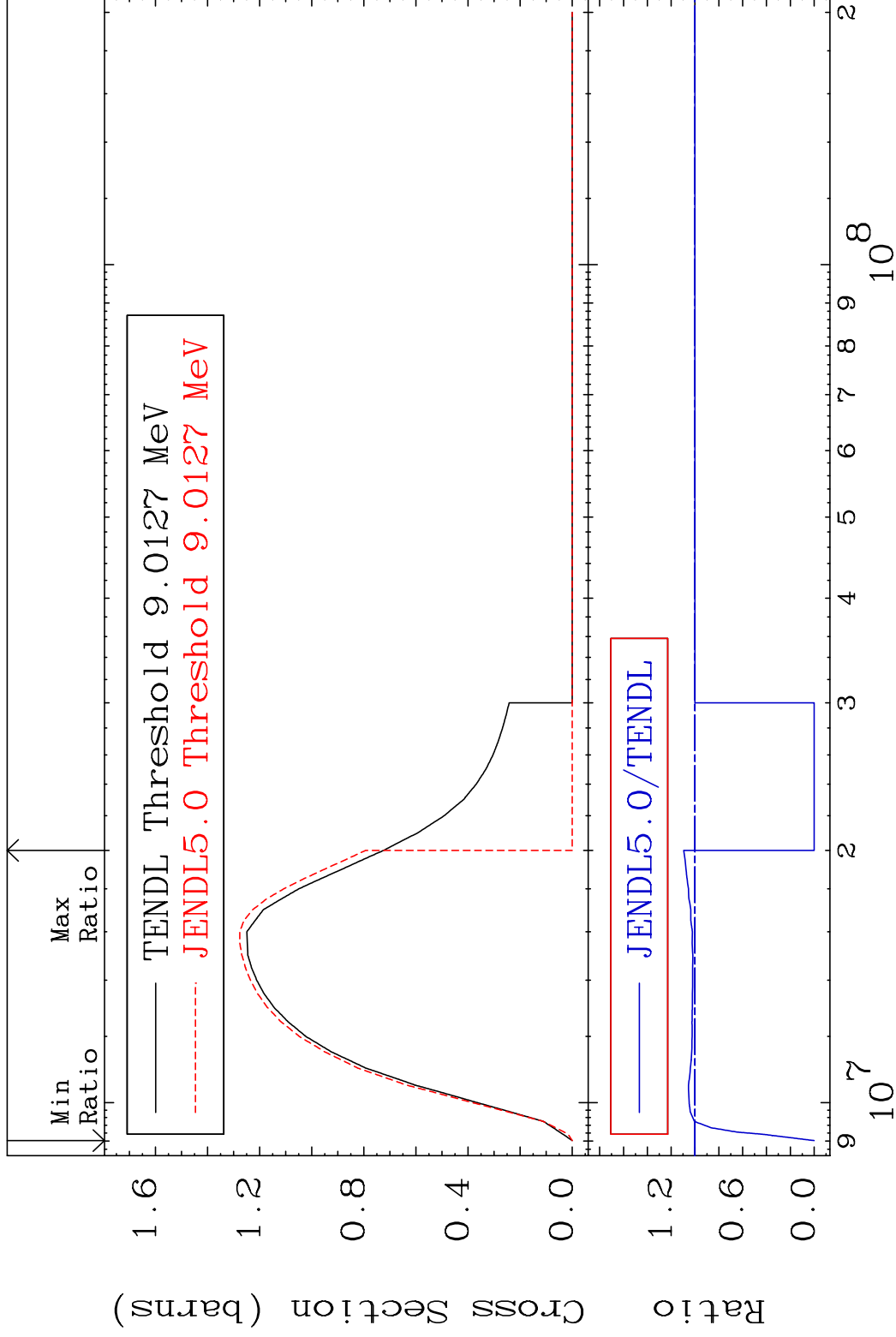
4 Incident Energy (eV) 30-Zn-72

MAT 3049

(n,2n)

30-Zn-72

Cross Section -100.0 To 9.504 %

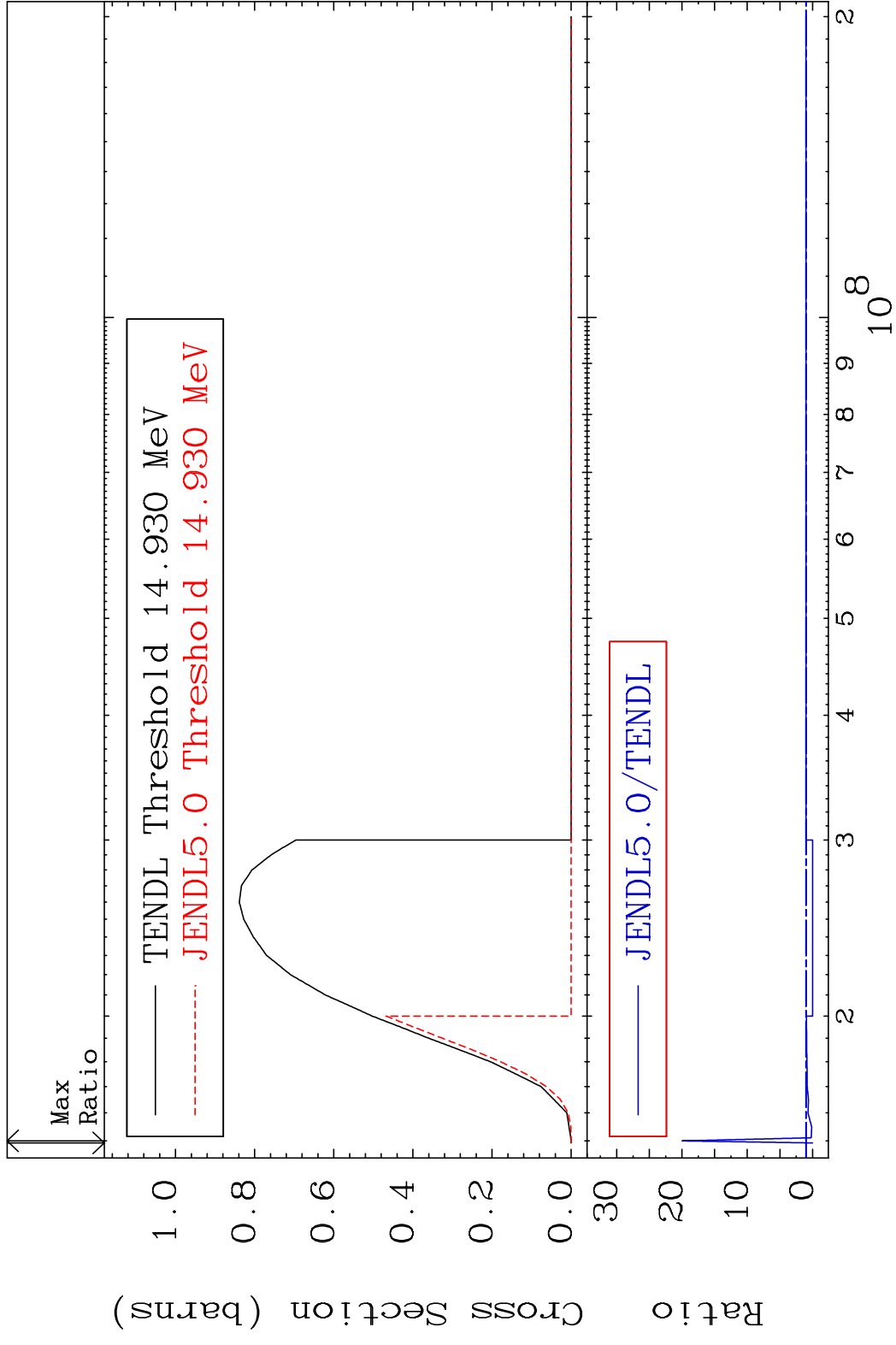


5

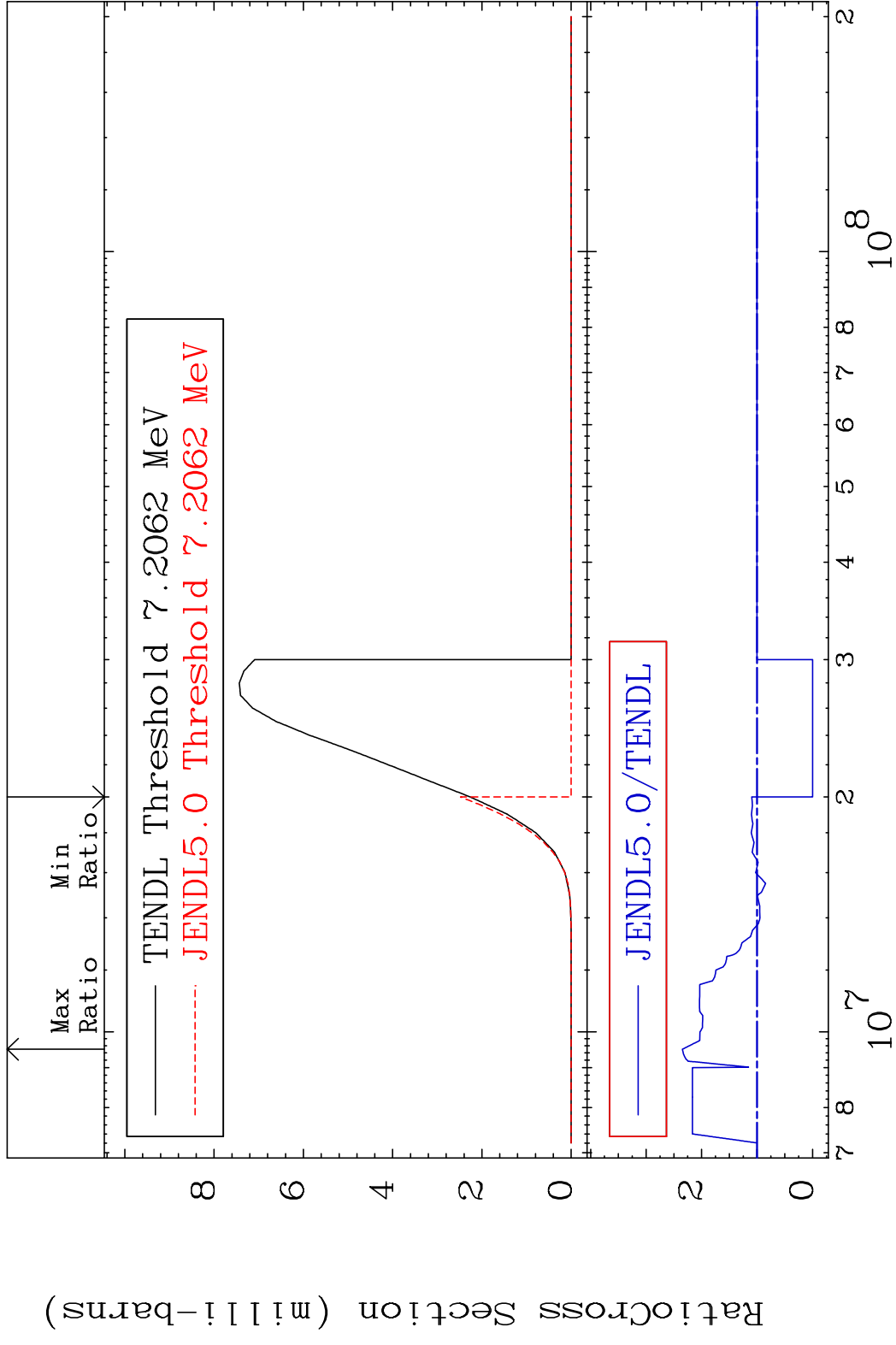
Incident Energy (eV)

30-Zn-72

MAT 3049 (n,3n) 30-Zn-72
 Cross Section -100.0 To 1894. %



MAT 3049 (n, n') α 30-Zn-72
 Cross Section -100.0 To 134.7 %



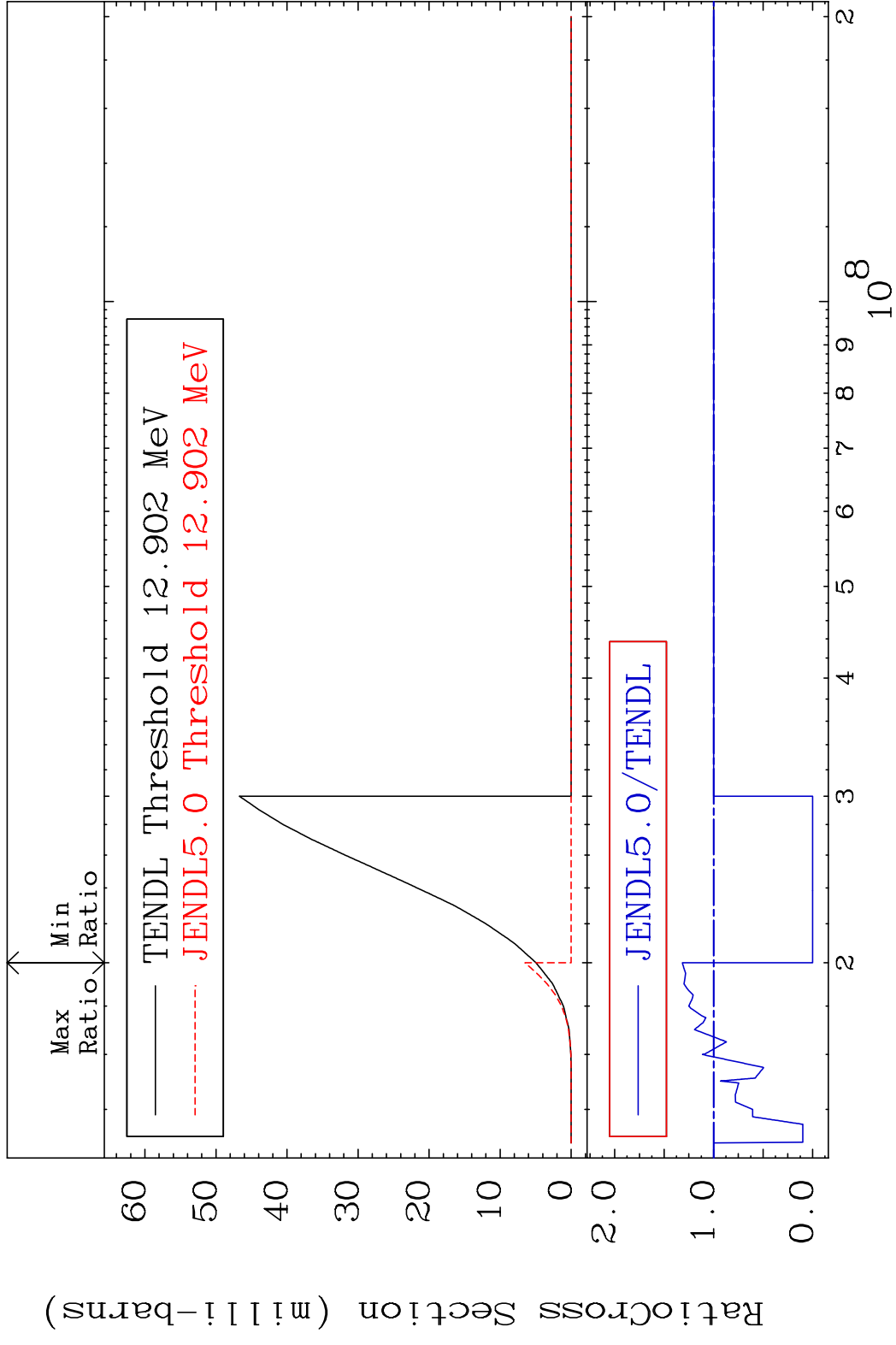
7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2

MAT 3049

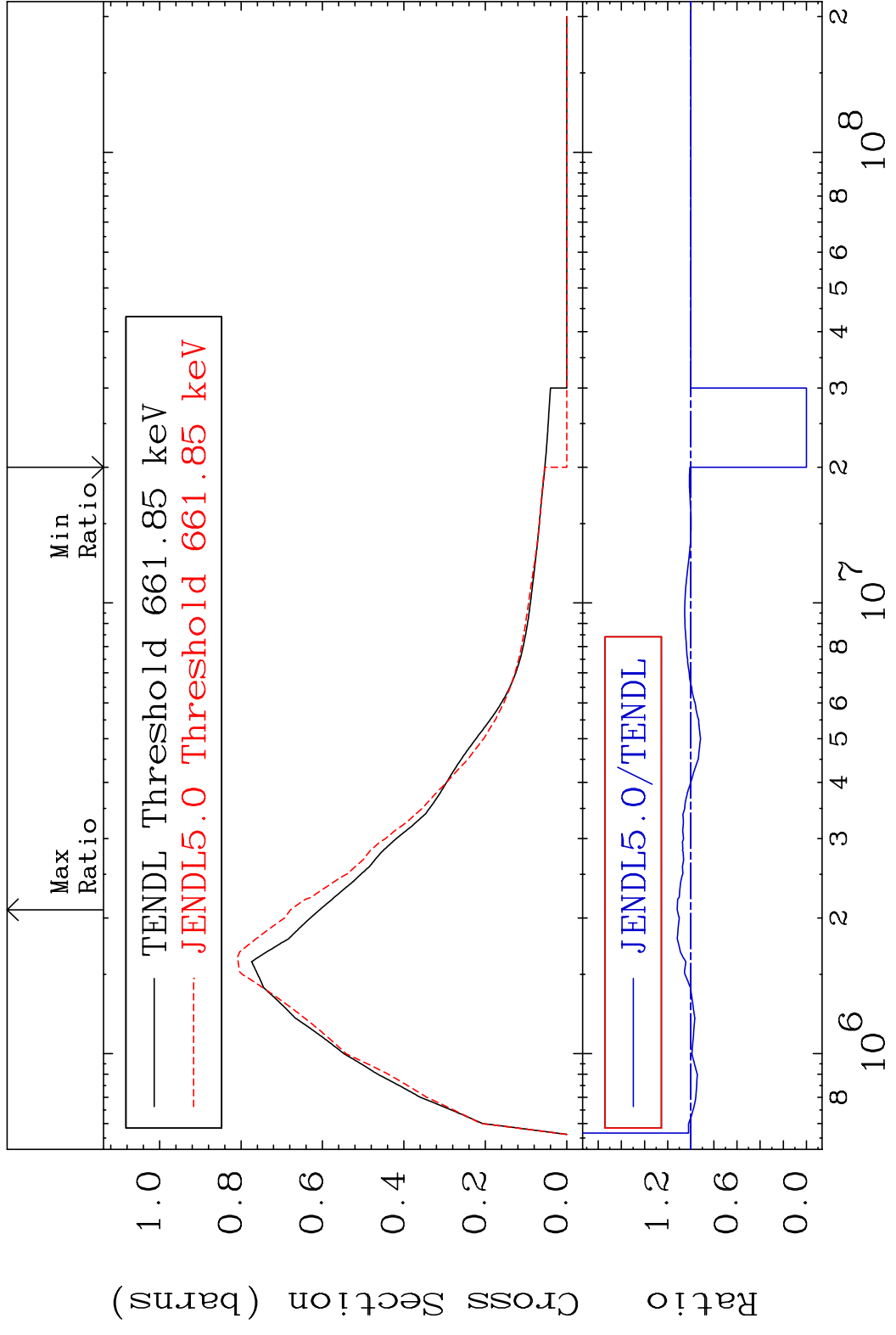
(n, n') p

30-Zn-72

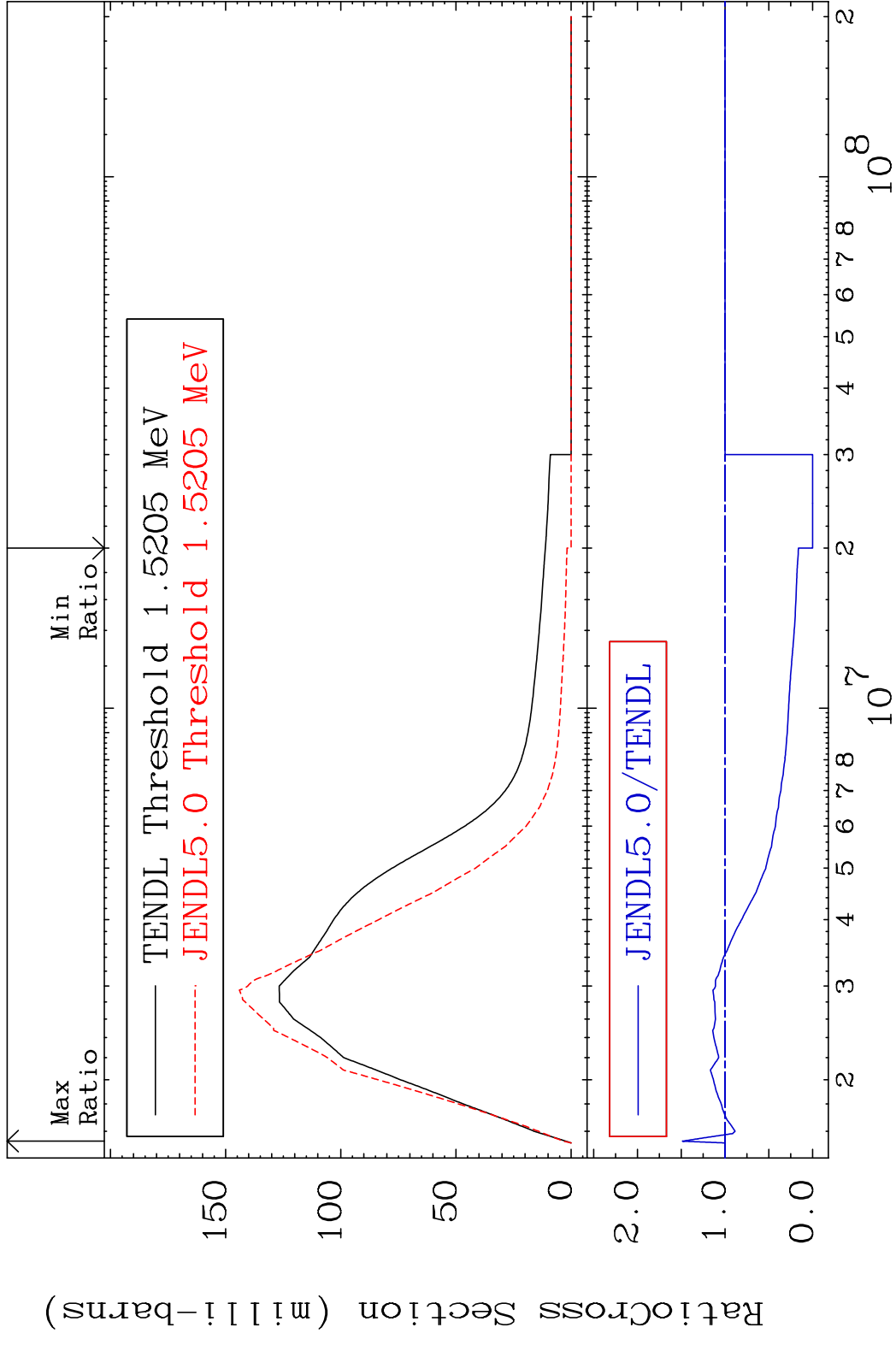
Cross Section -100.0 To 31.60 %



MAT 3049 MT= 51 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 11.77 %

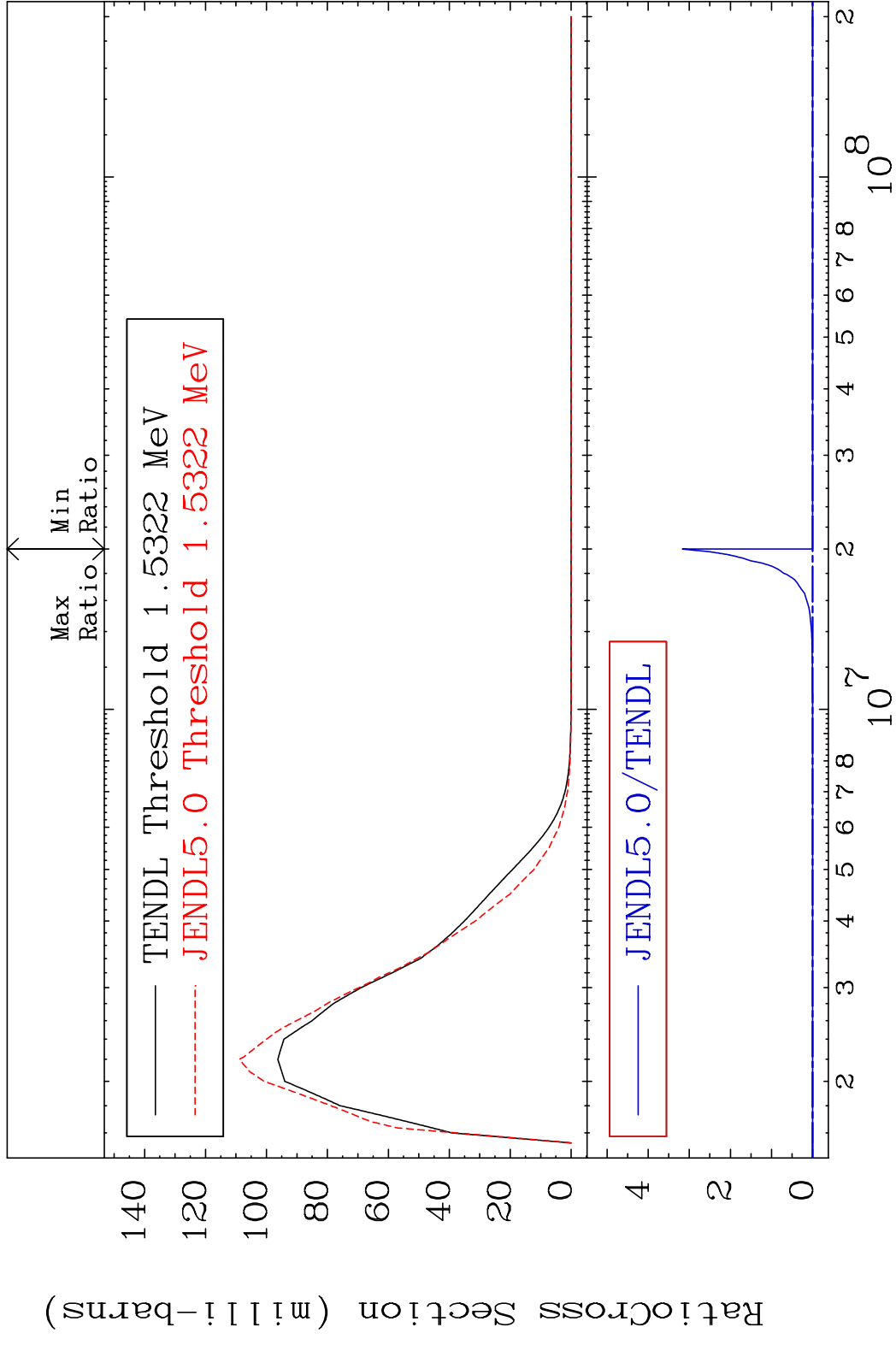


MAT 3049 MT= 52 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 48.68 %

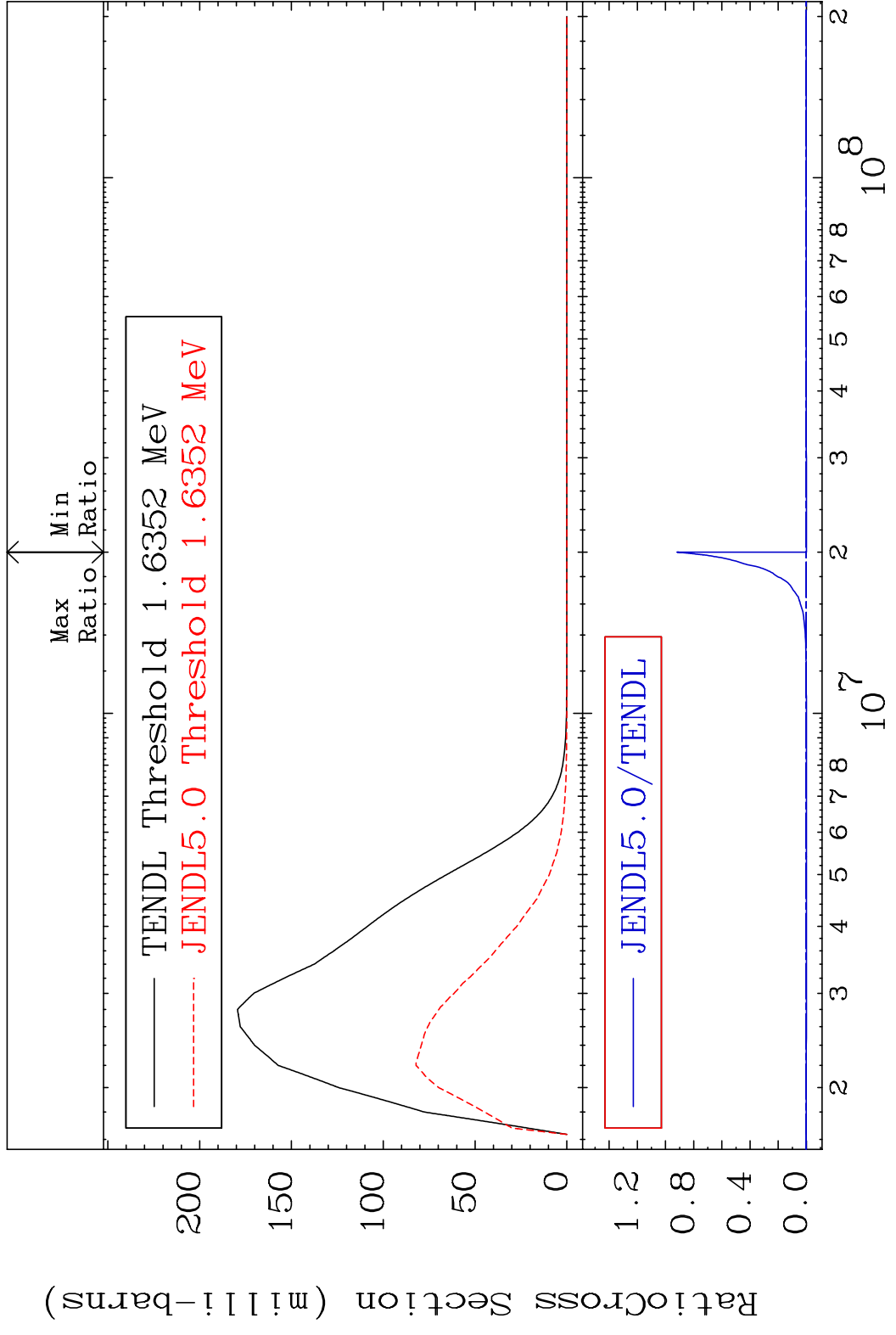


10 Incident Energy (eV) 30-Zn-72

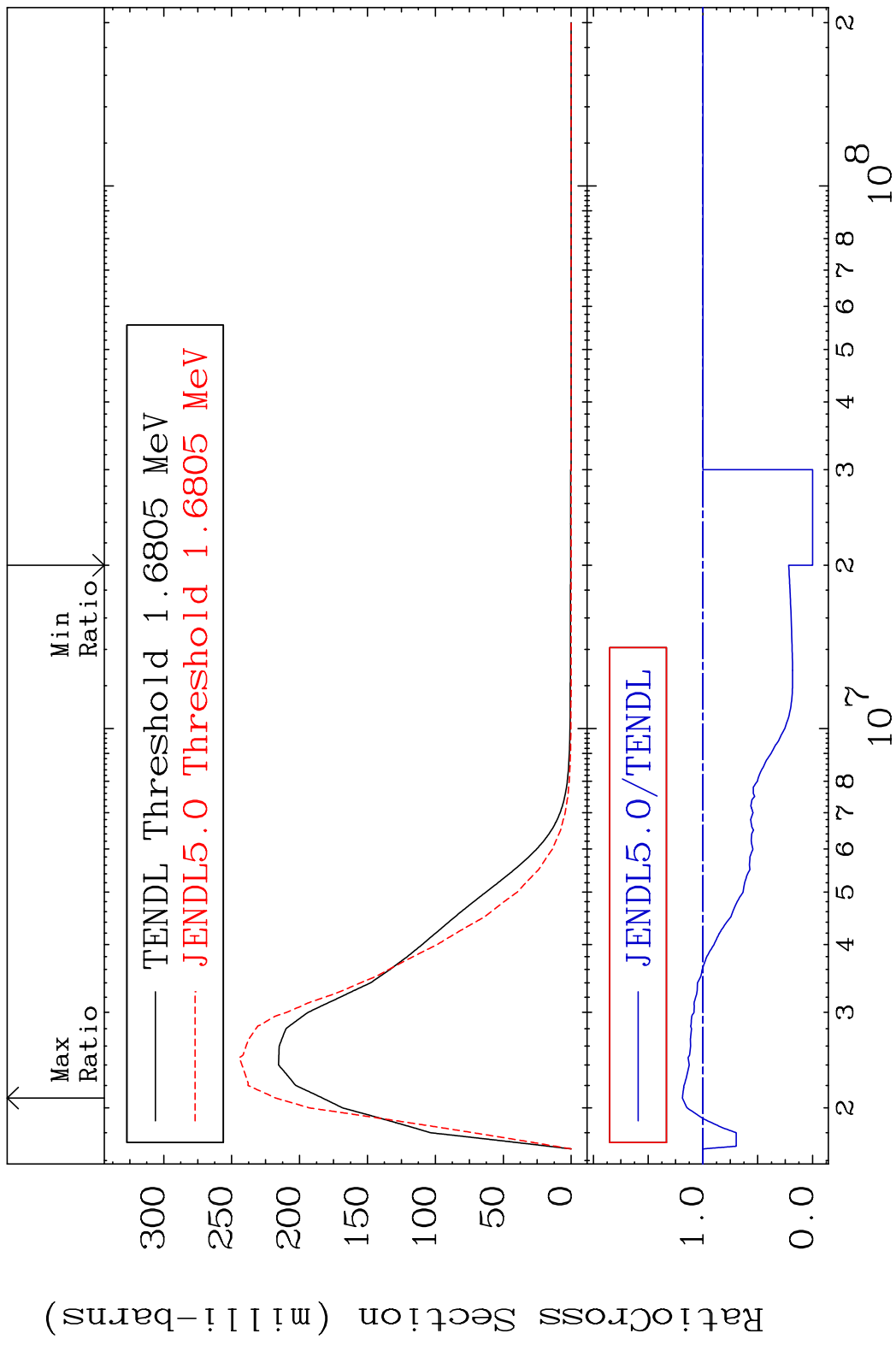
MAT 3049 MT= 53 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 9999. %



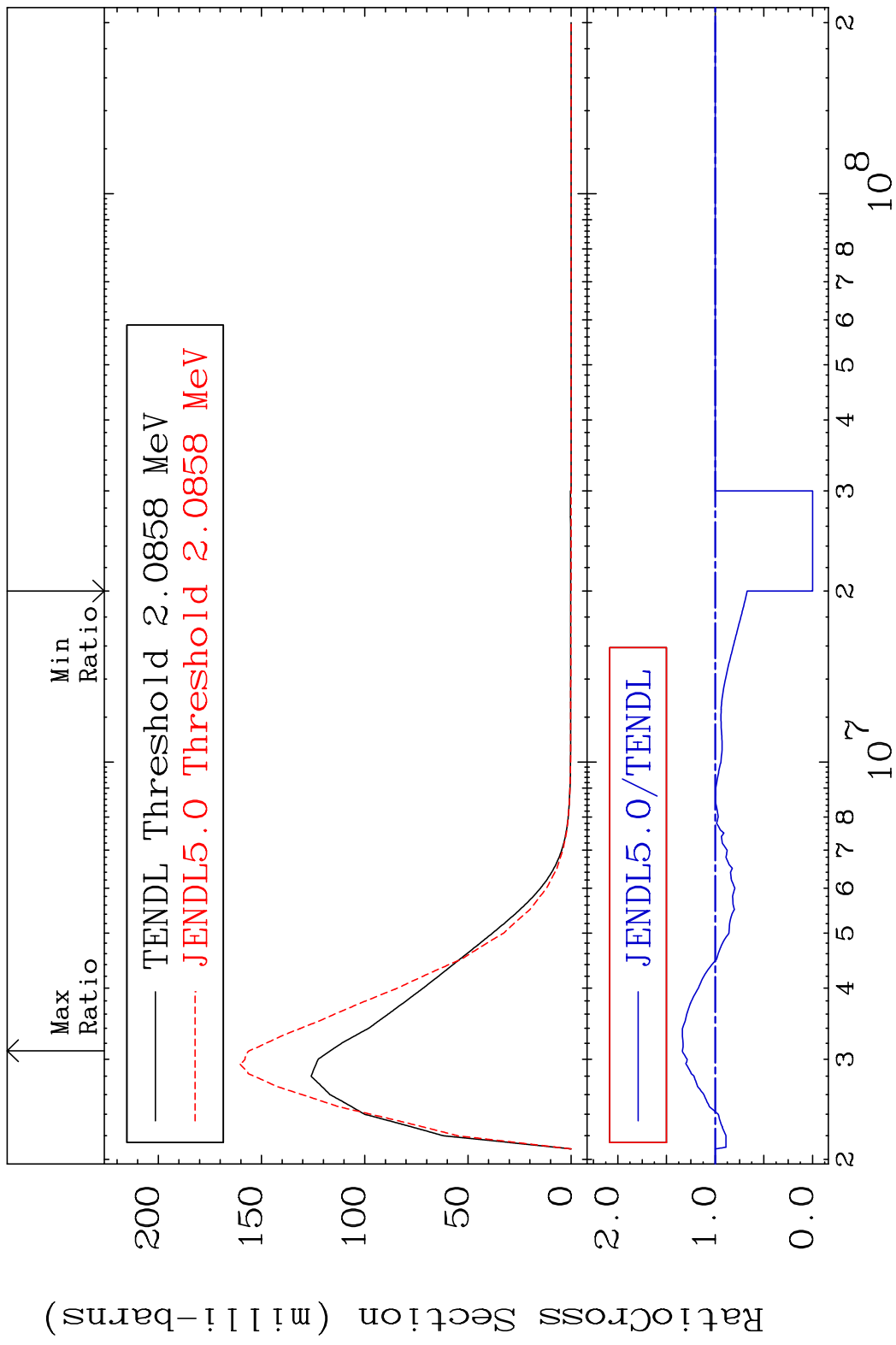
MAT 3049 MT= 54 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 9999. %



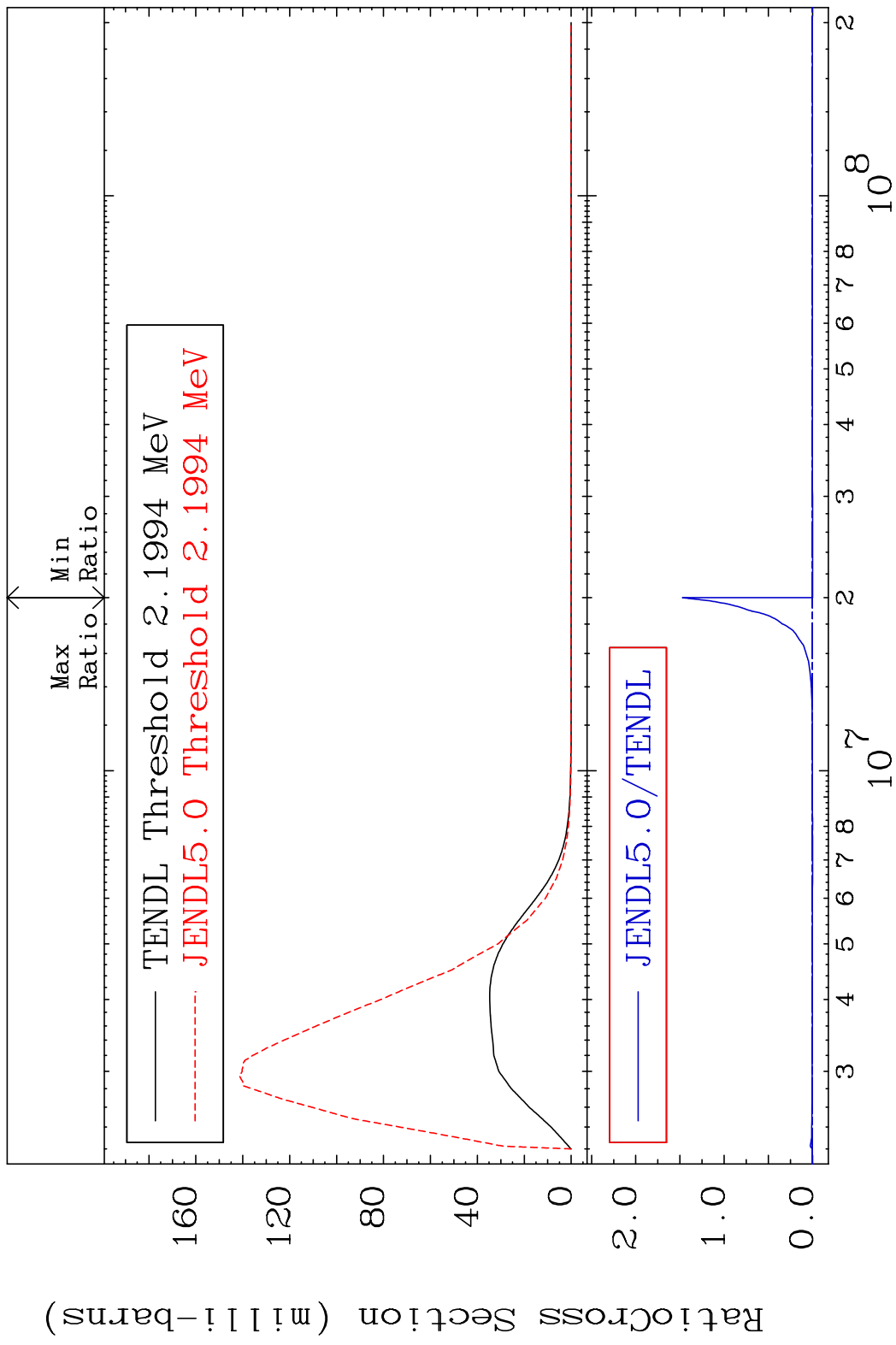
MAT 3049 MT= 55 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 18.80 %



MAT 3049 MT= 56 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 33.75 %

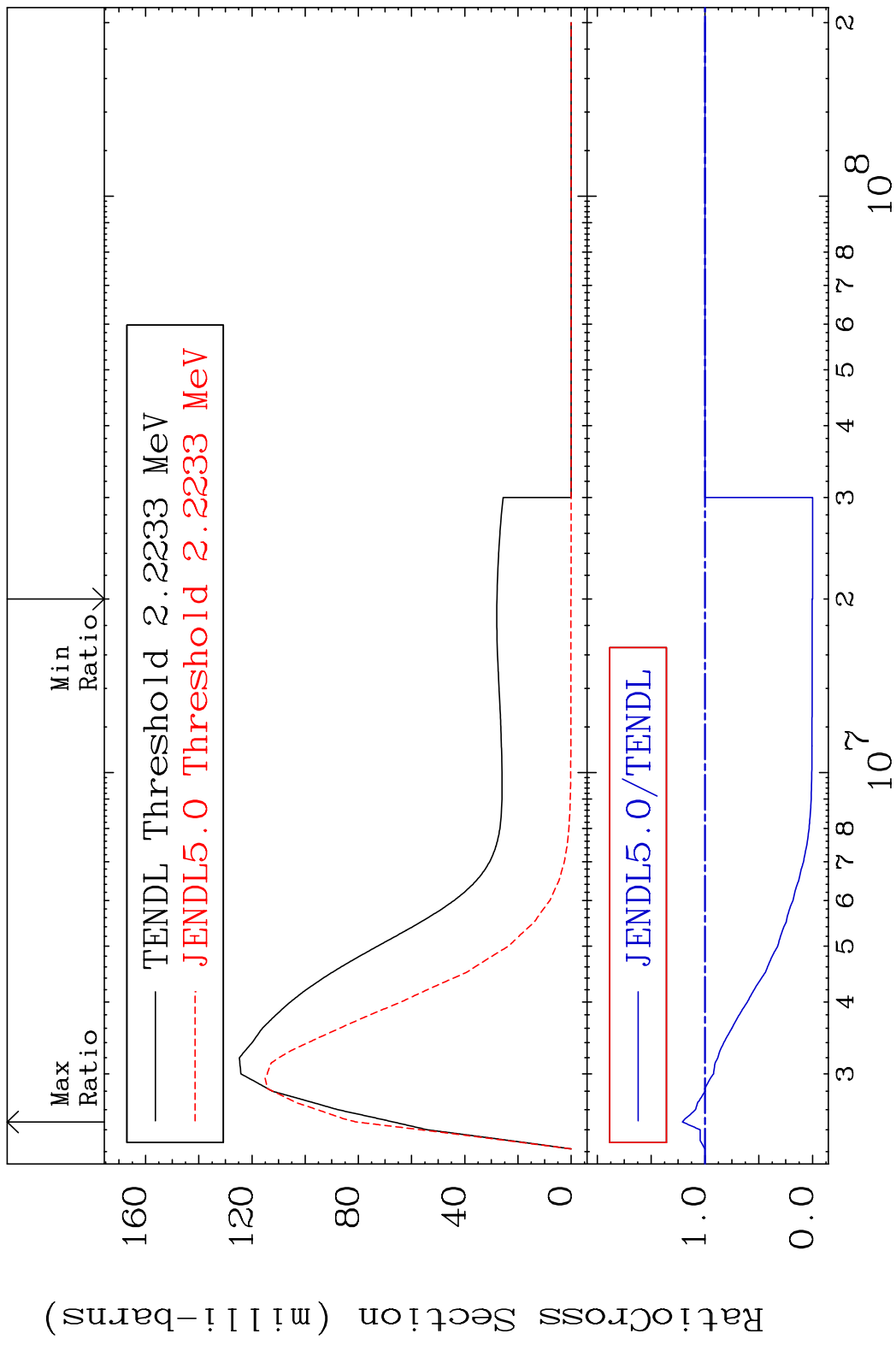


MAT 3049 MT= 57 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 9999. %

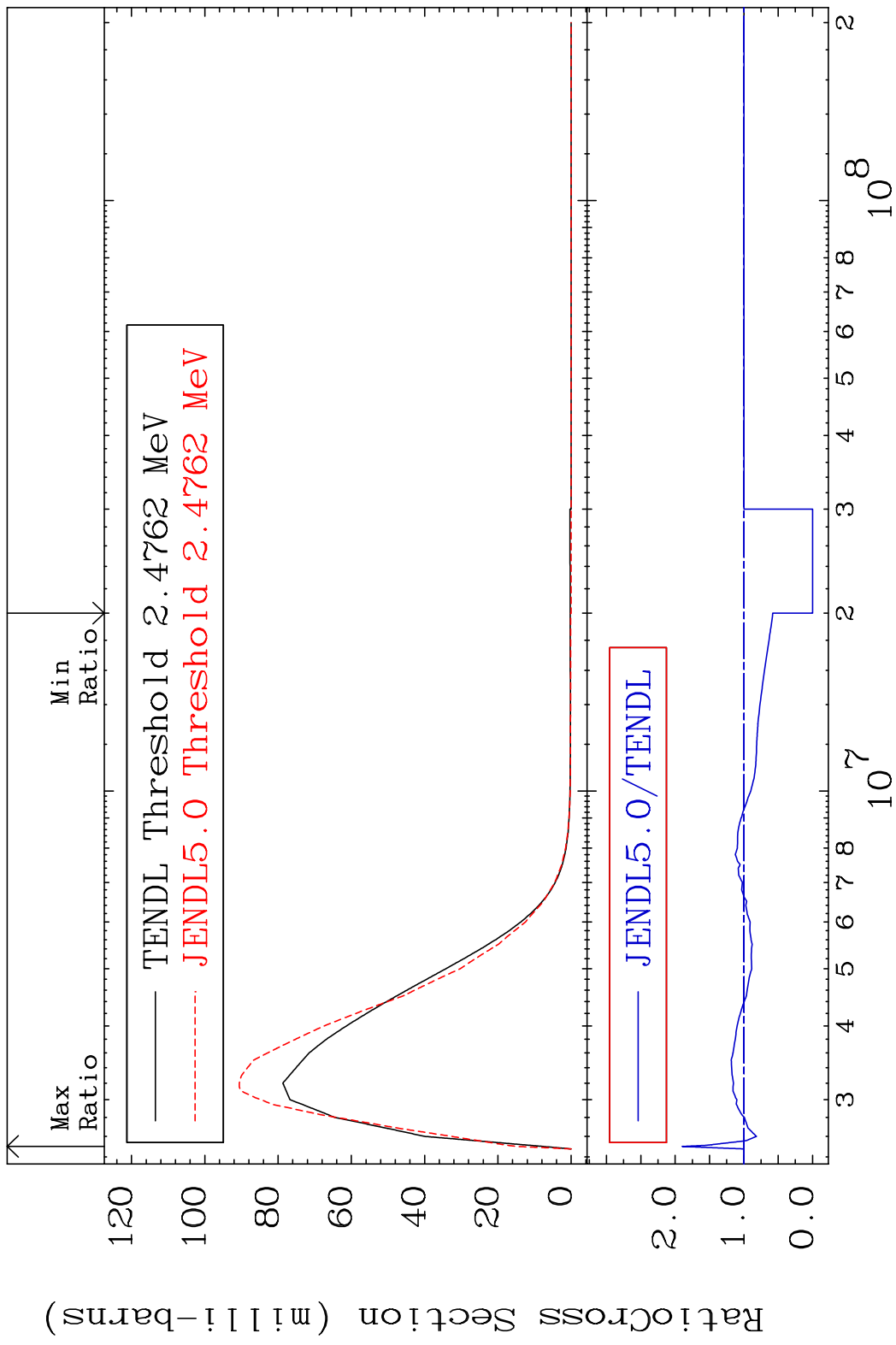


15 30-Zn-72

MAT 3049 MT= 58 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 20.94 %

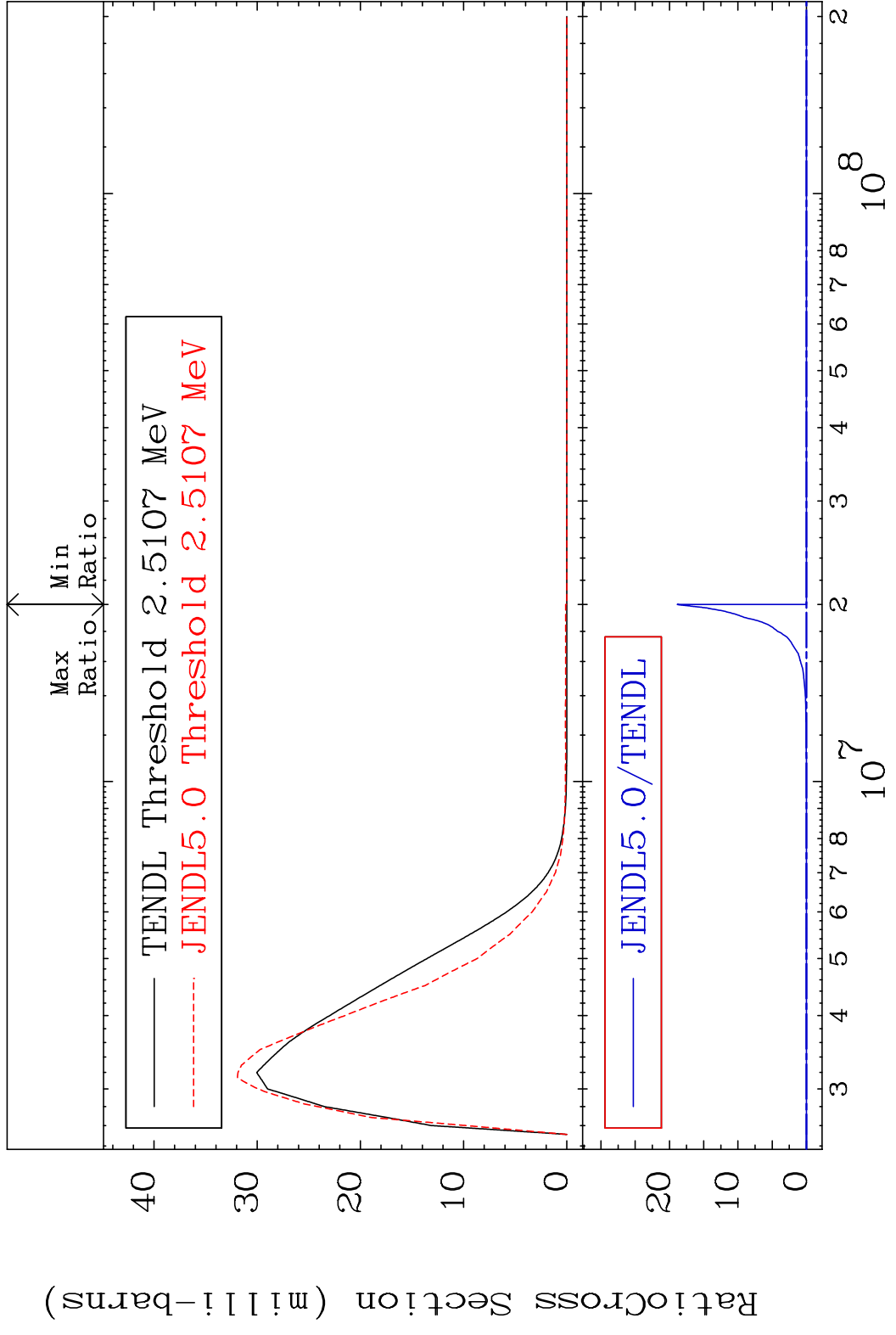


MAT 3049 MT= 59 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 89.53 %

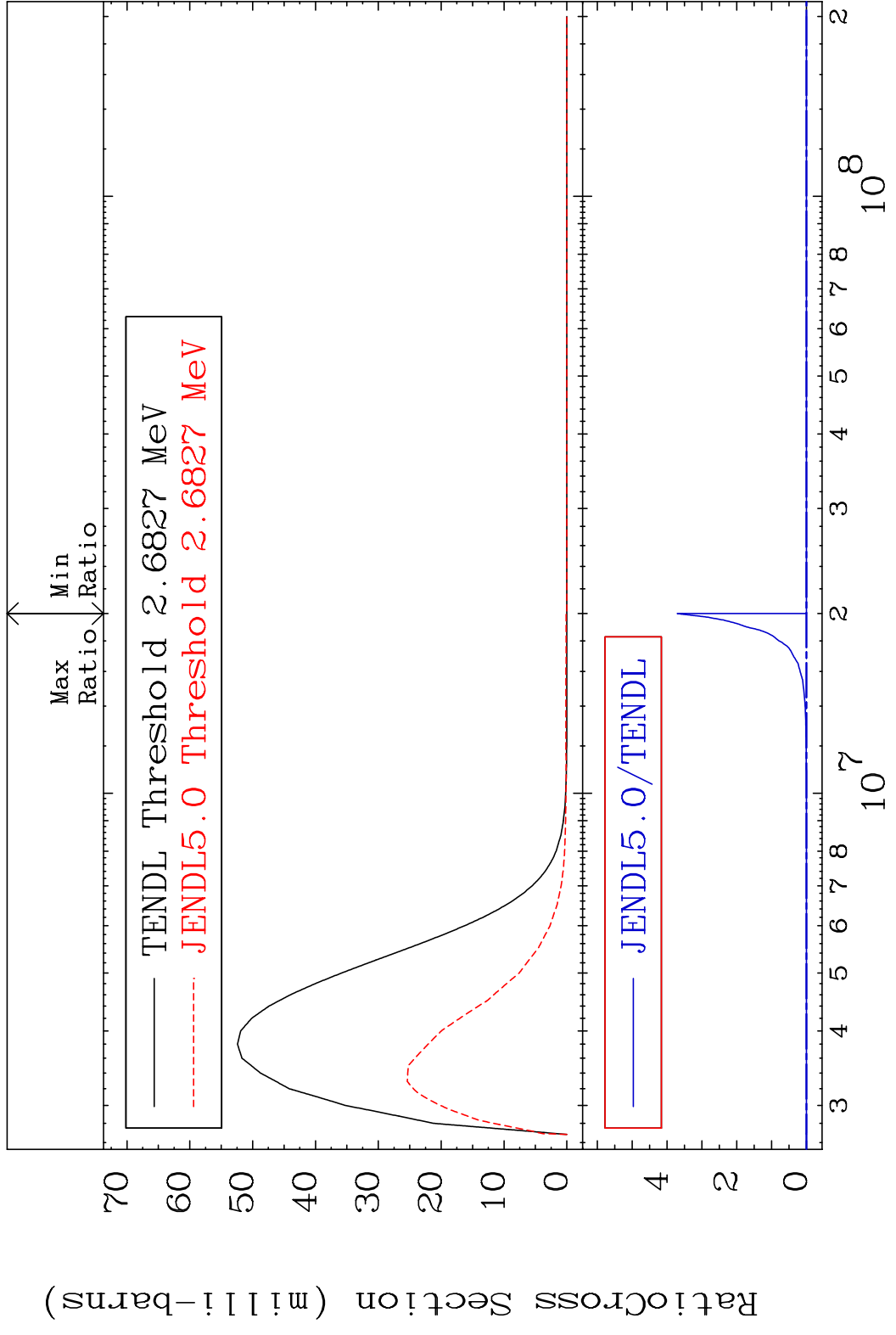


17 Incident Energy (eV) 30-Zn-72

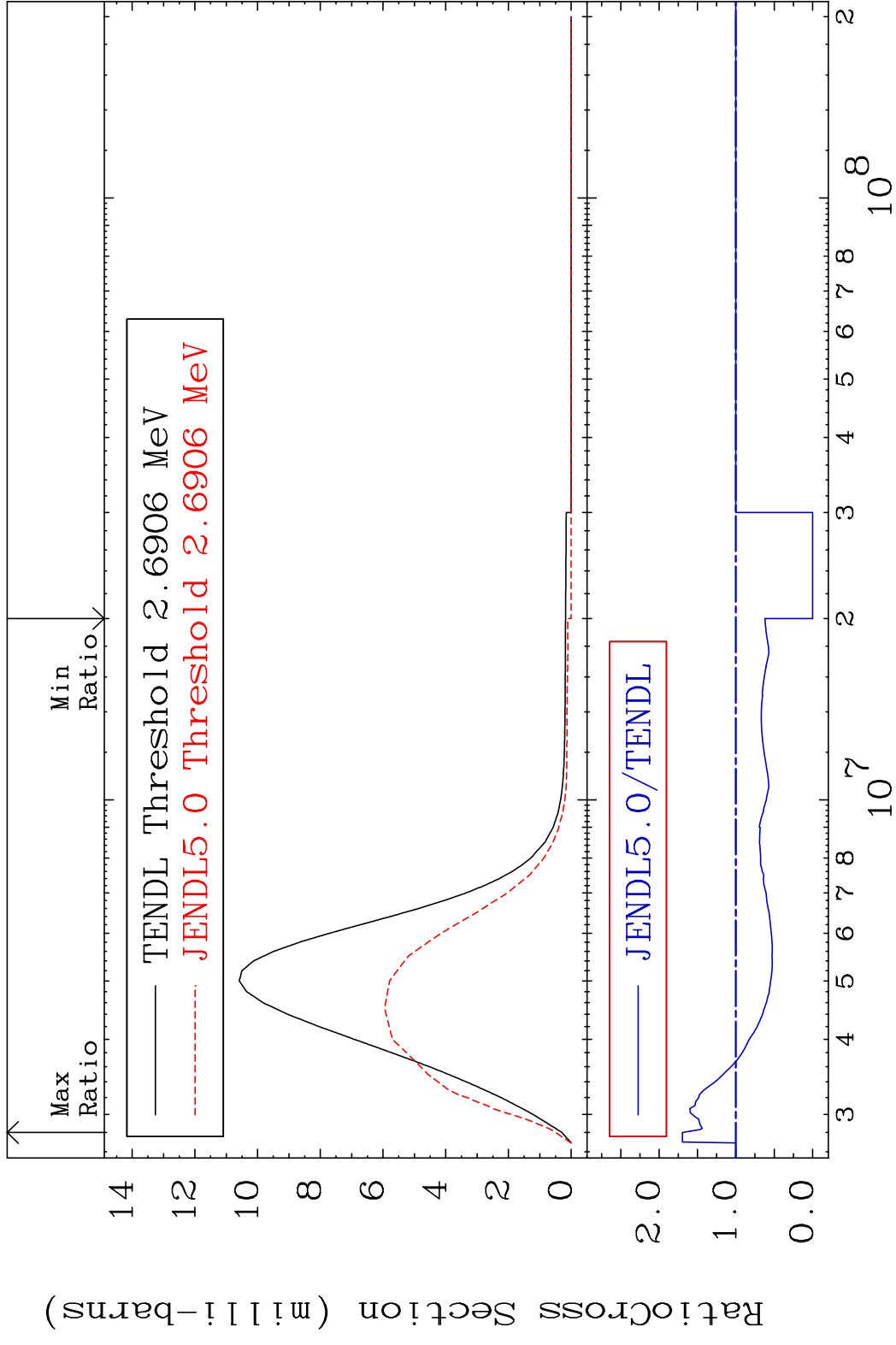
MAT 3049 MT= 60 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 9999. %



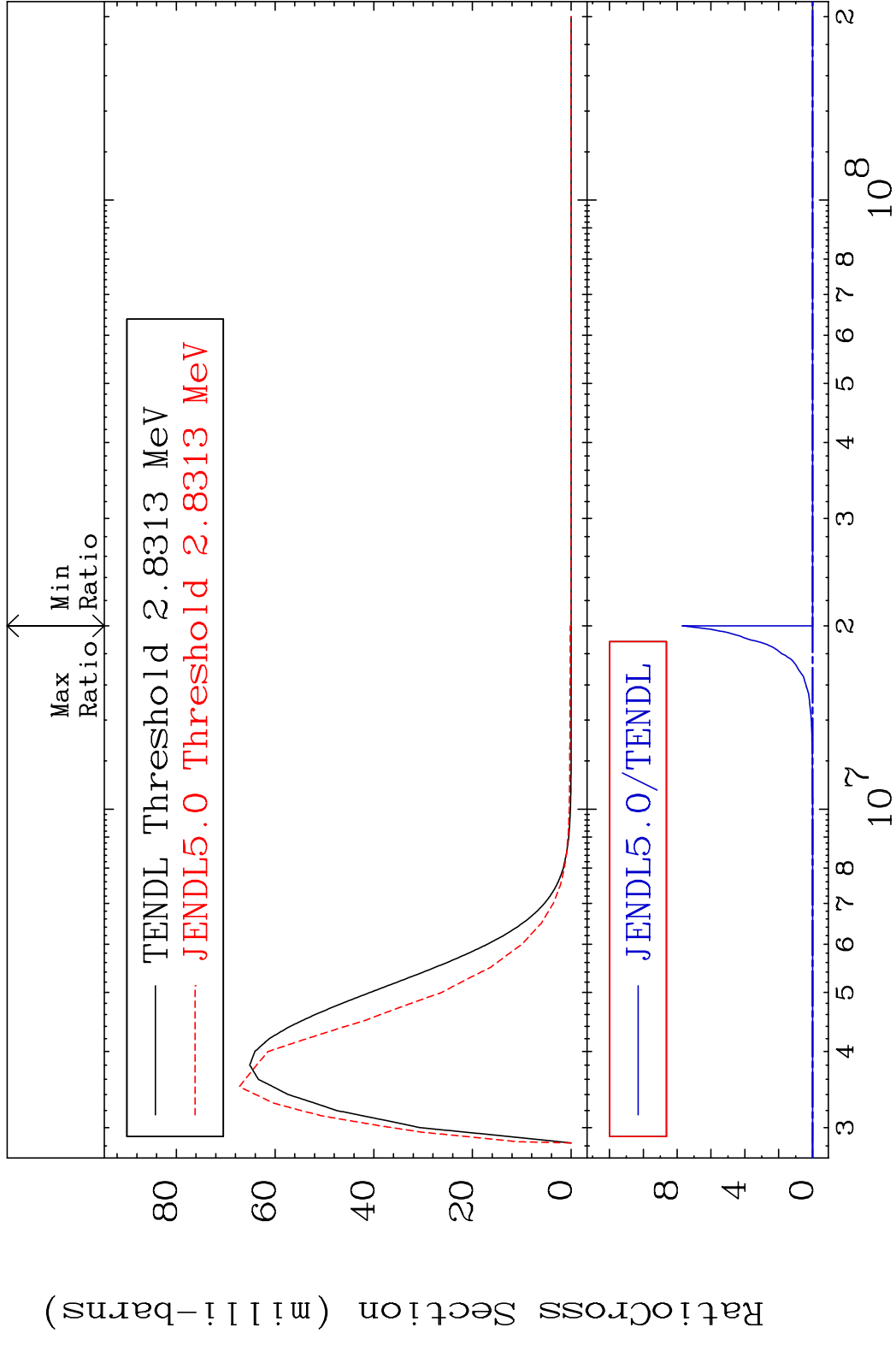
MAT 3049 MT= 61 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 9999. %



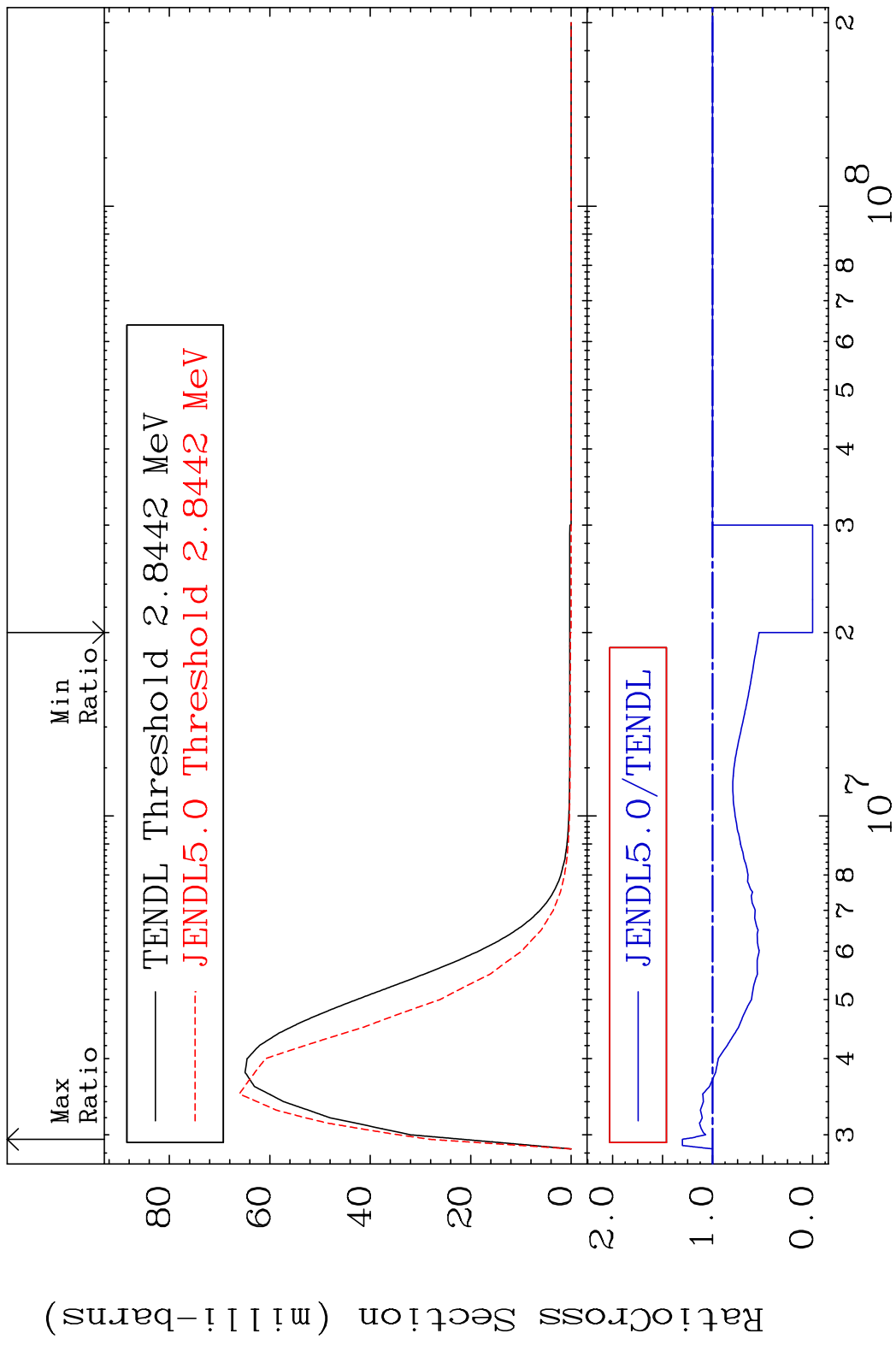
MAT 3049 MT= 62 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 69.69 %



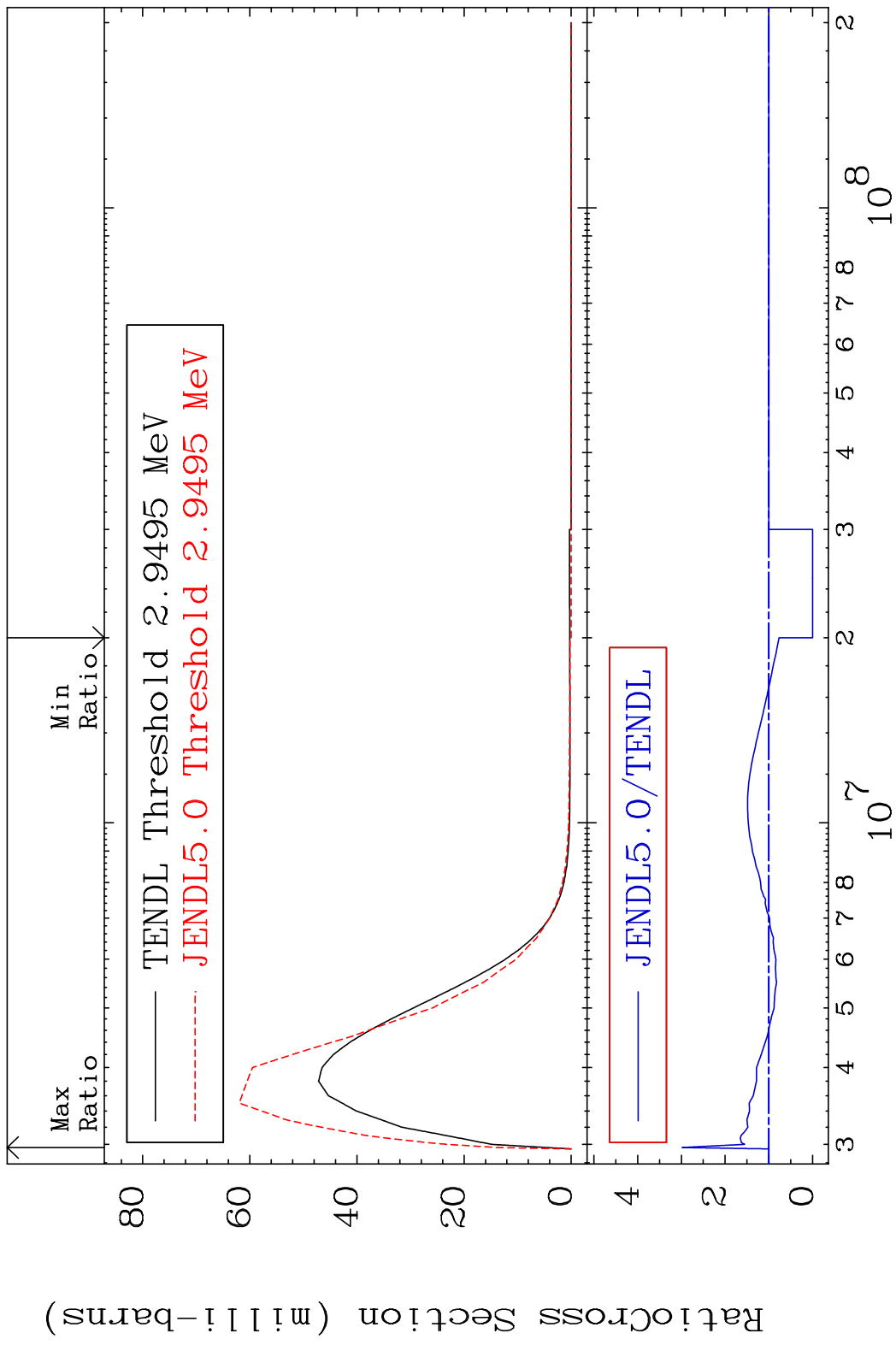
MAT 3049 MT= 63 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 9999. %



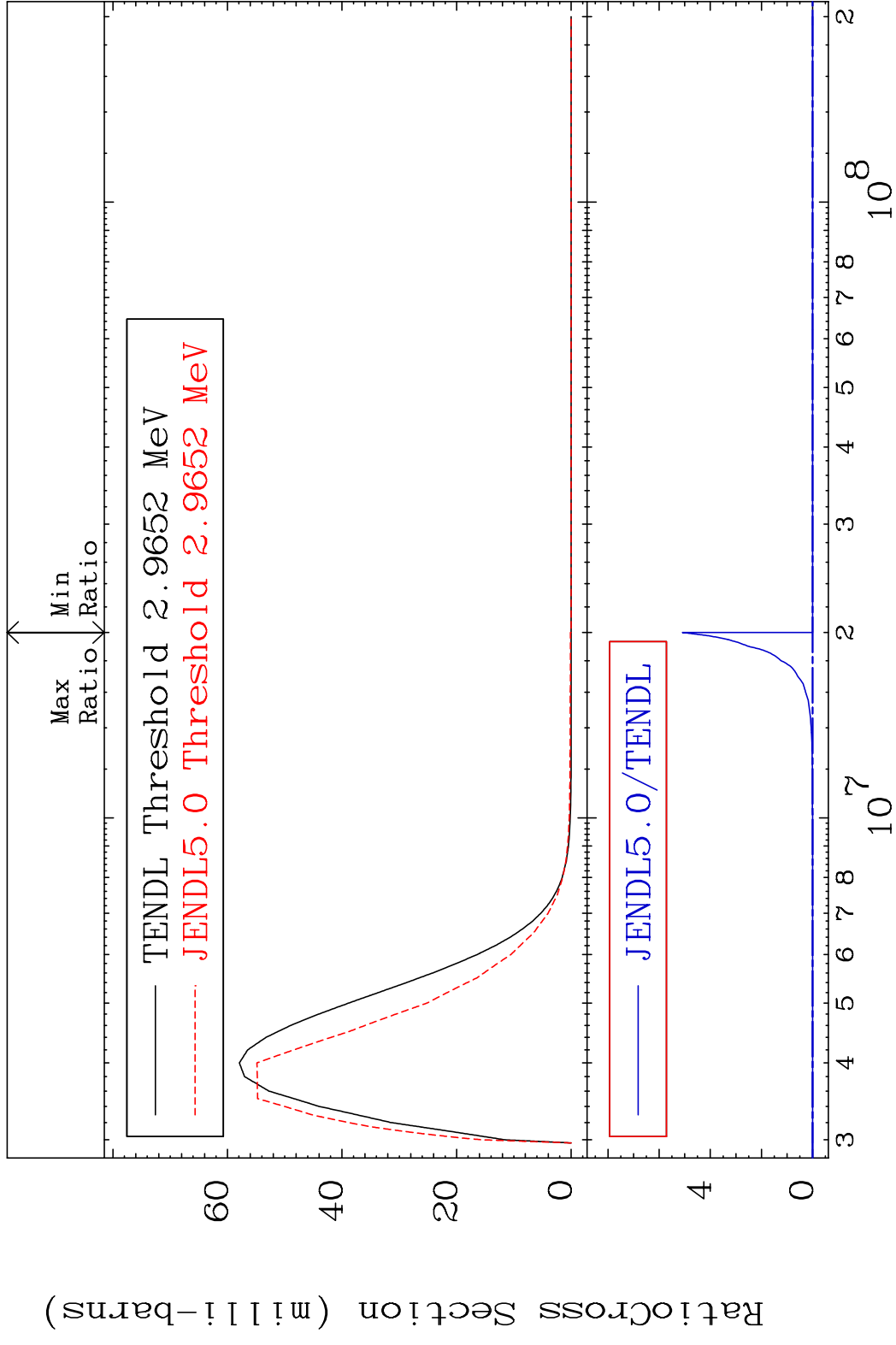
MAT 3049 MT= 64 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 30.26 %



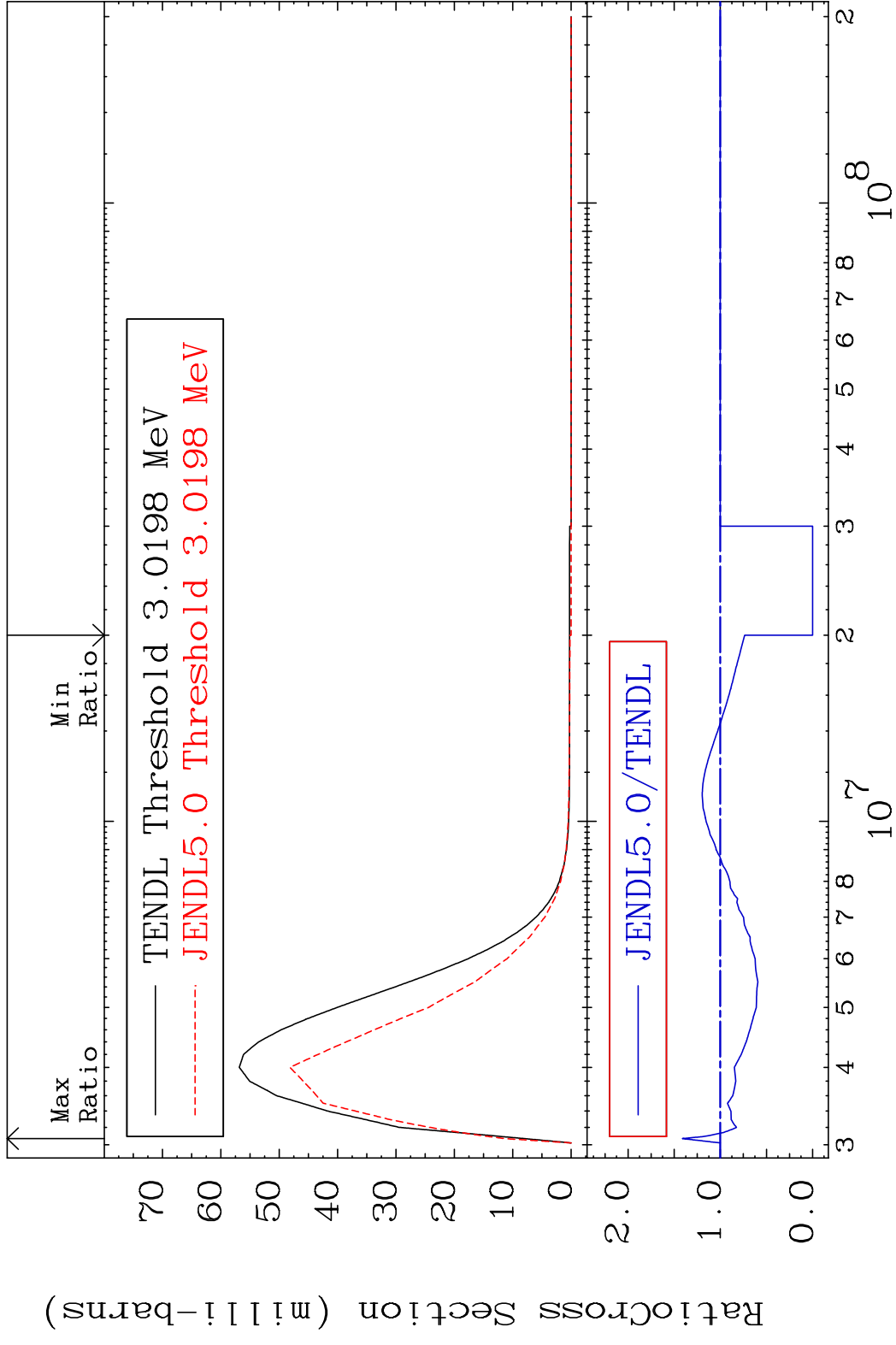
MAT 3049 MT= 65 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 197.8 %



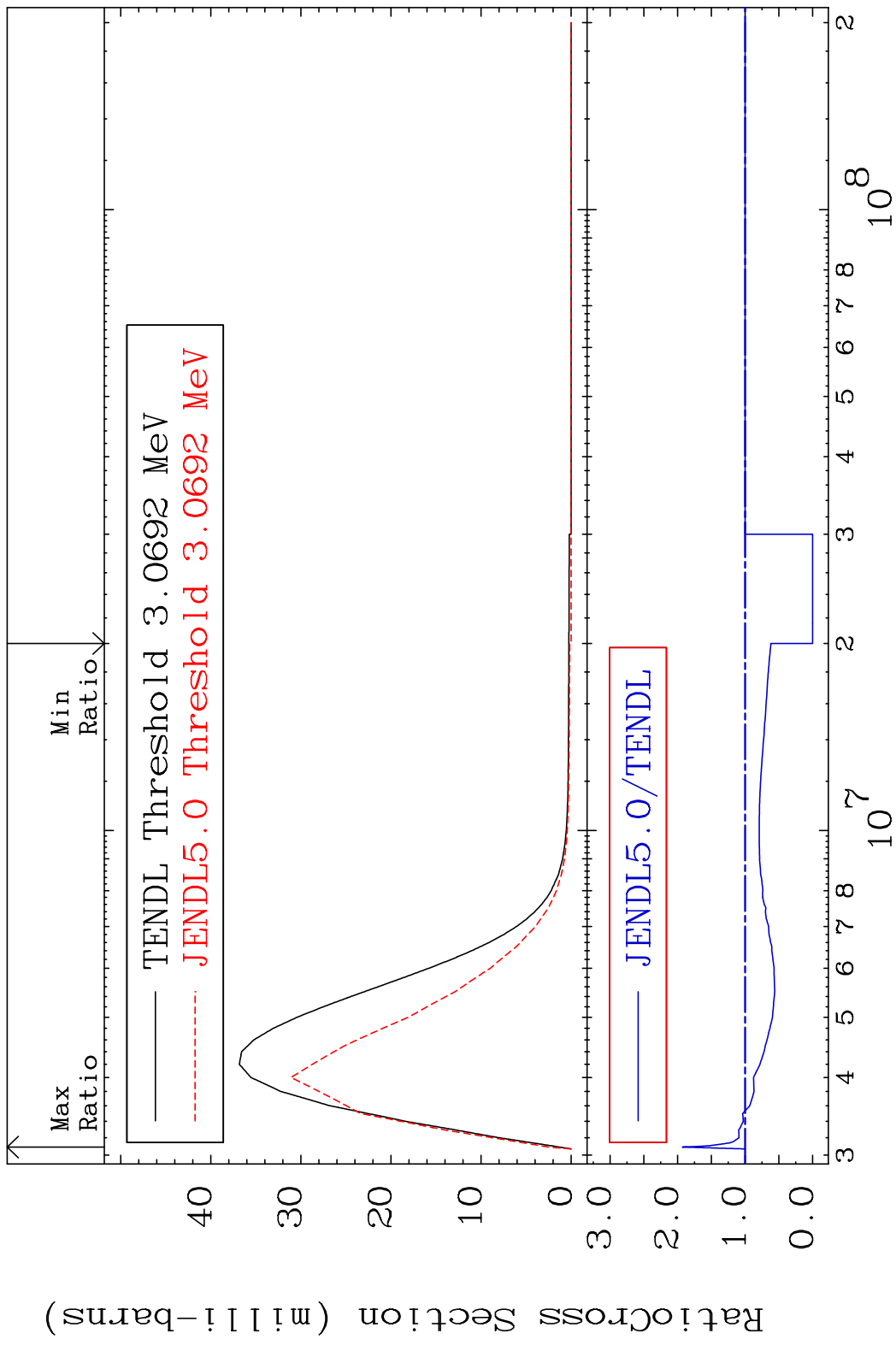
MAT 3049 MT= 66 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 9999. %



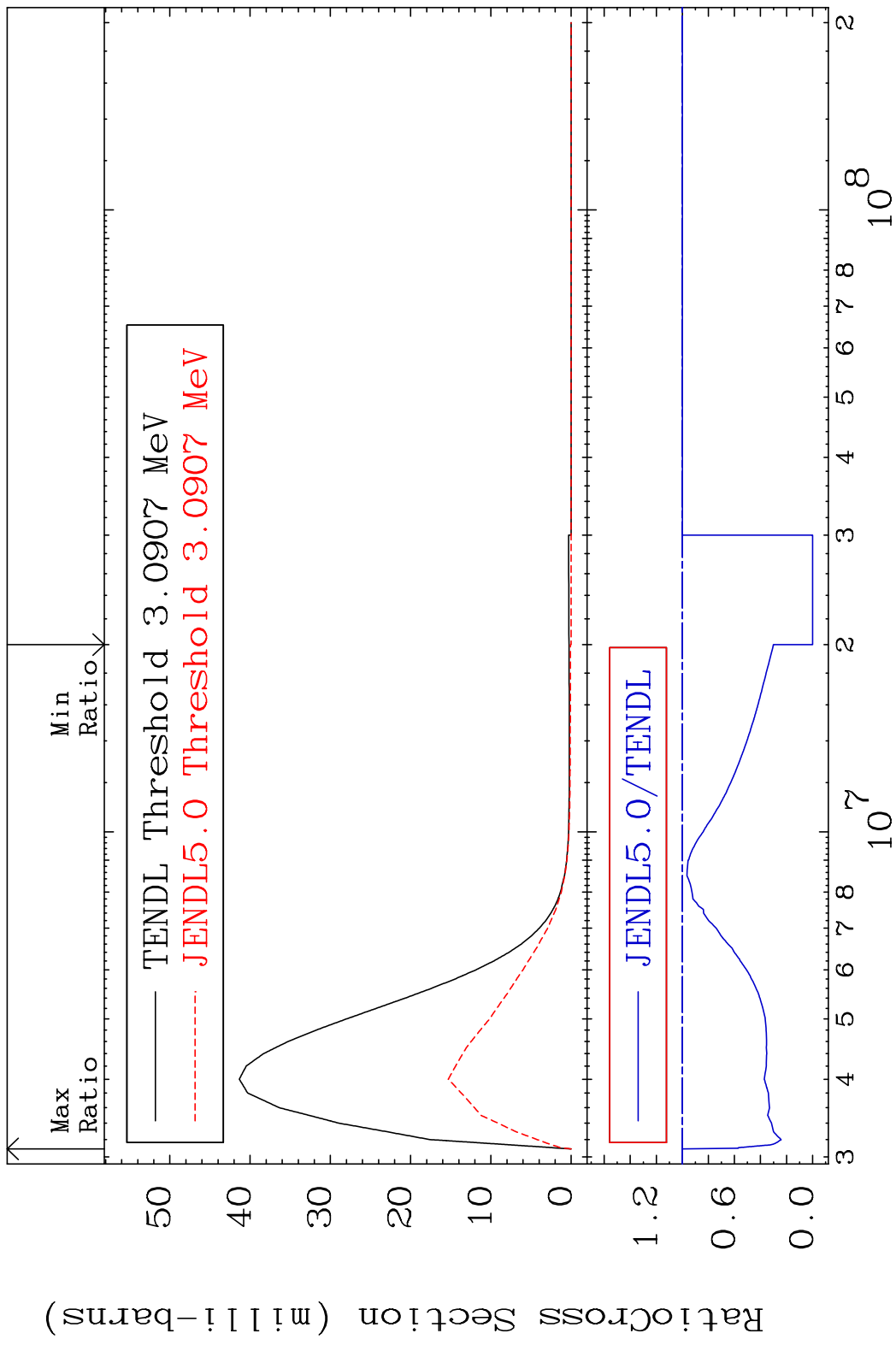
MAT 3049 MT= 67 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 41.14 %



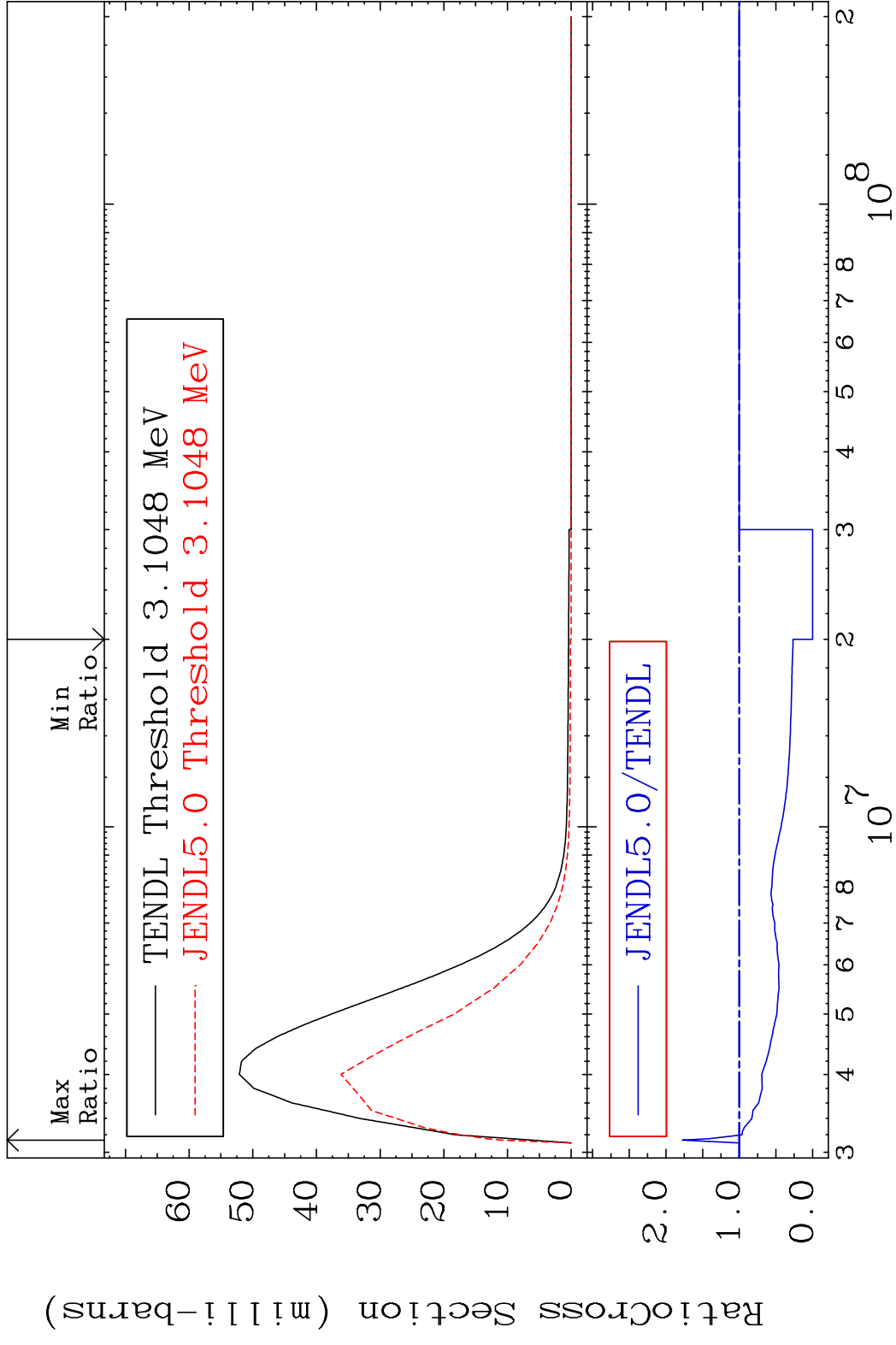
MAT 3049 MT= 68 (n,n') Level 30-Zn-72
 Cross Section -100.0 To 92.99 %



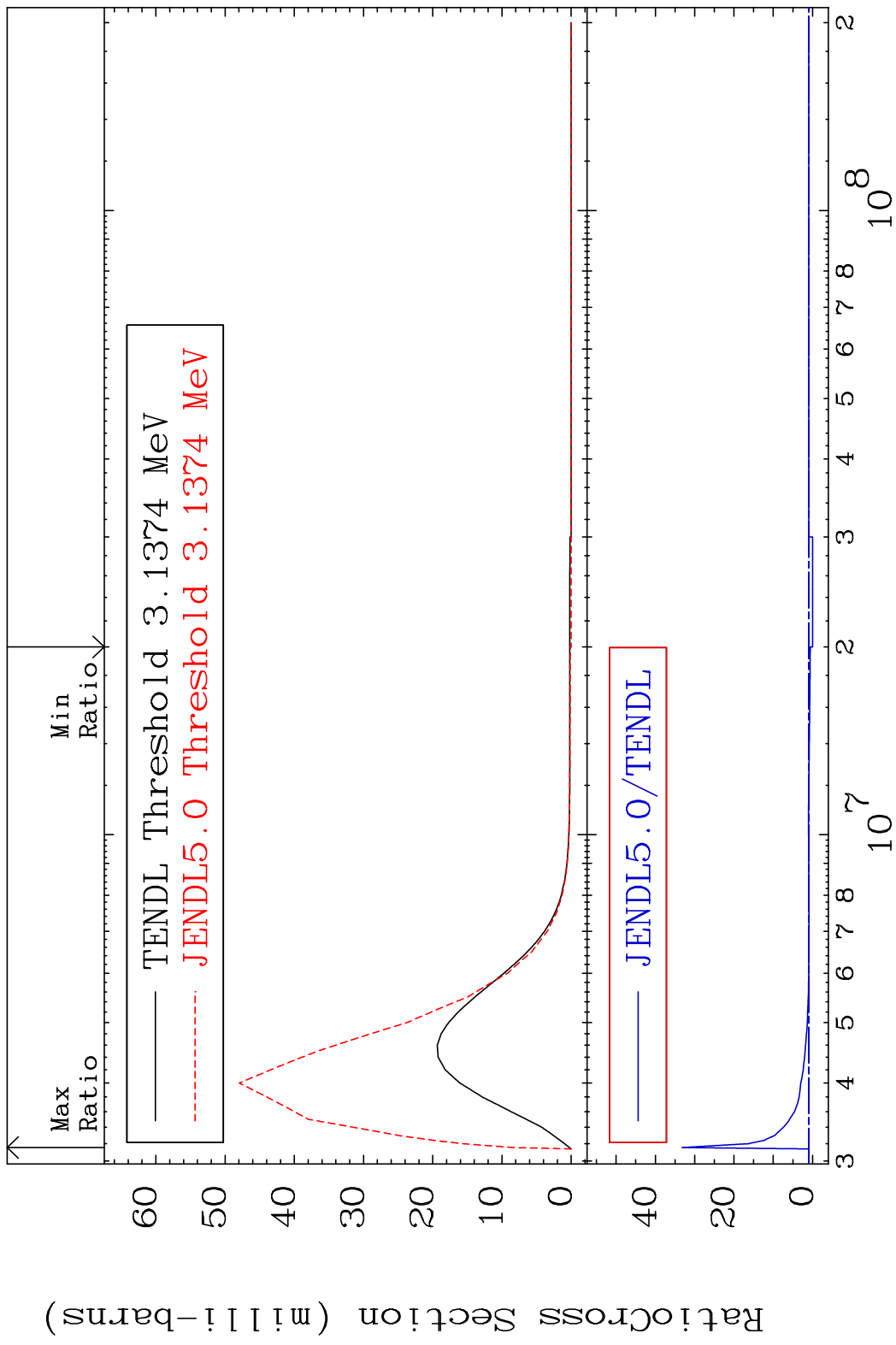
MAT 3049 MT= 69 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 0.000 %



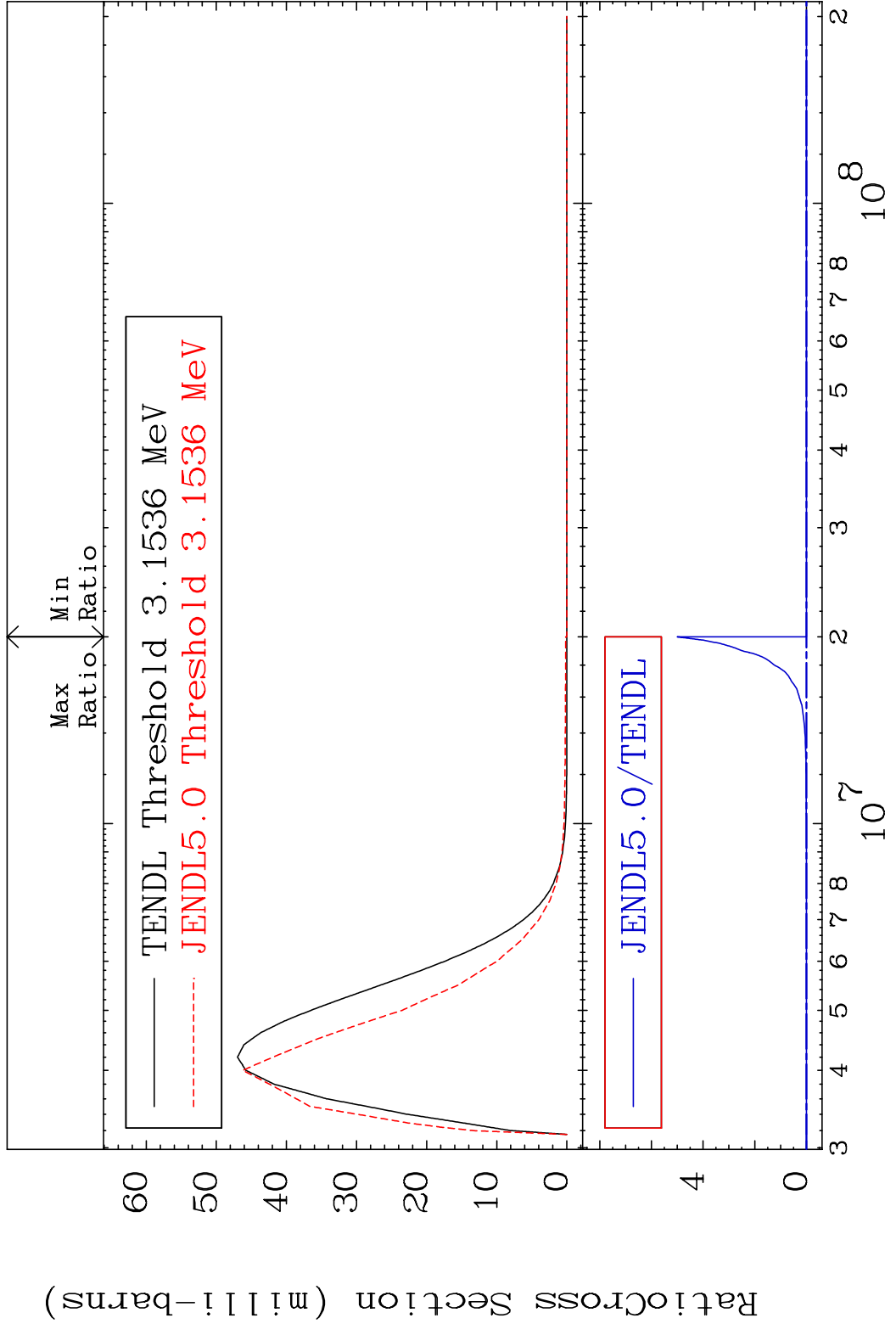
MAT 3049 MT= 70 (n,n') Level 30-Zn-72
 Cross Section -100.0 To 77.58 %



MAT 3049 MT= 71 (n,n') Level 30-Zn-72
 Cross Section -100.0 To 3213. %

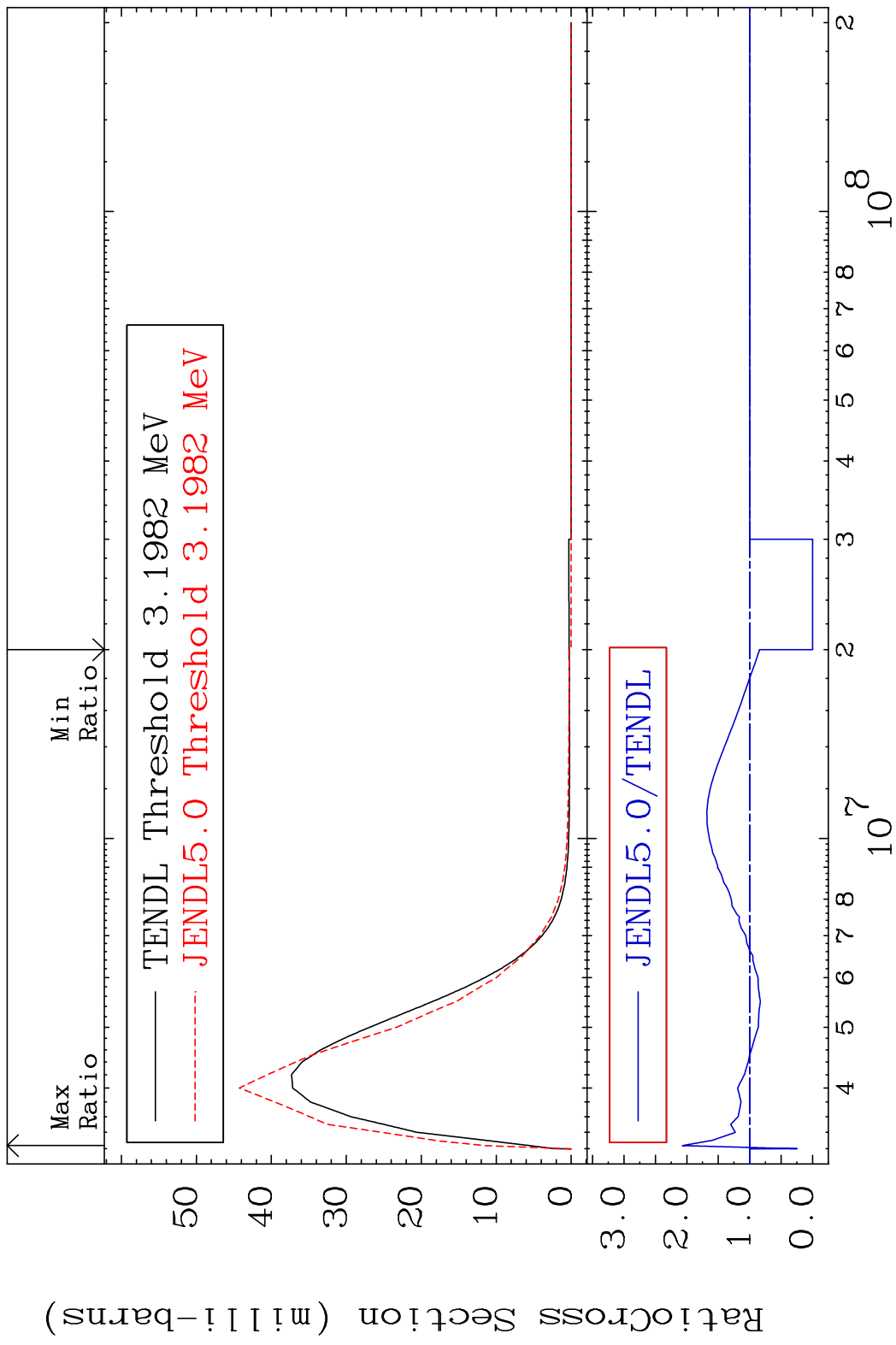


MAT 3049 MT= 72 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 9999. %

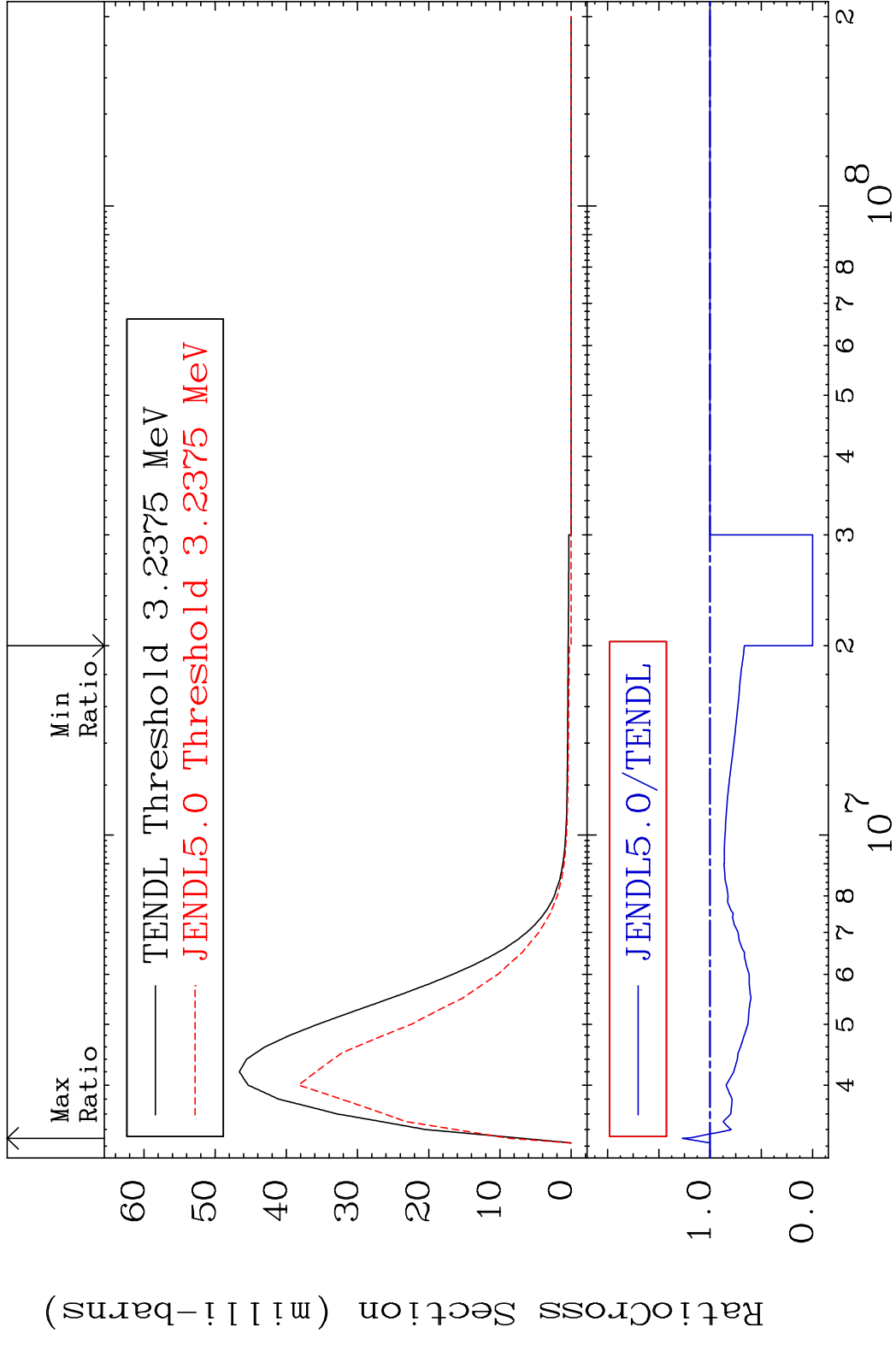


30 30-Zn-72

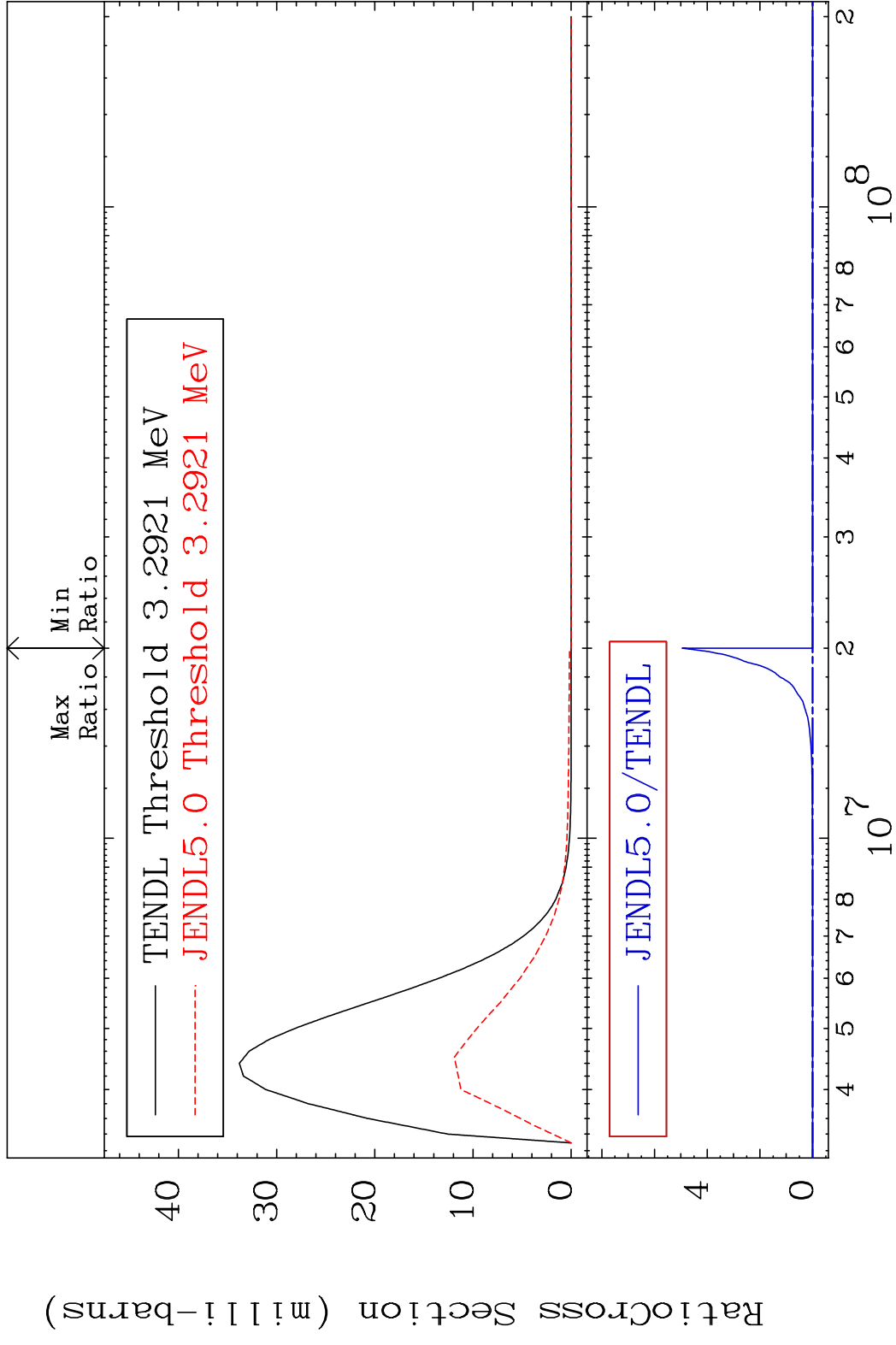
MAT 3049 MT= 73 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 107.2 %



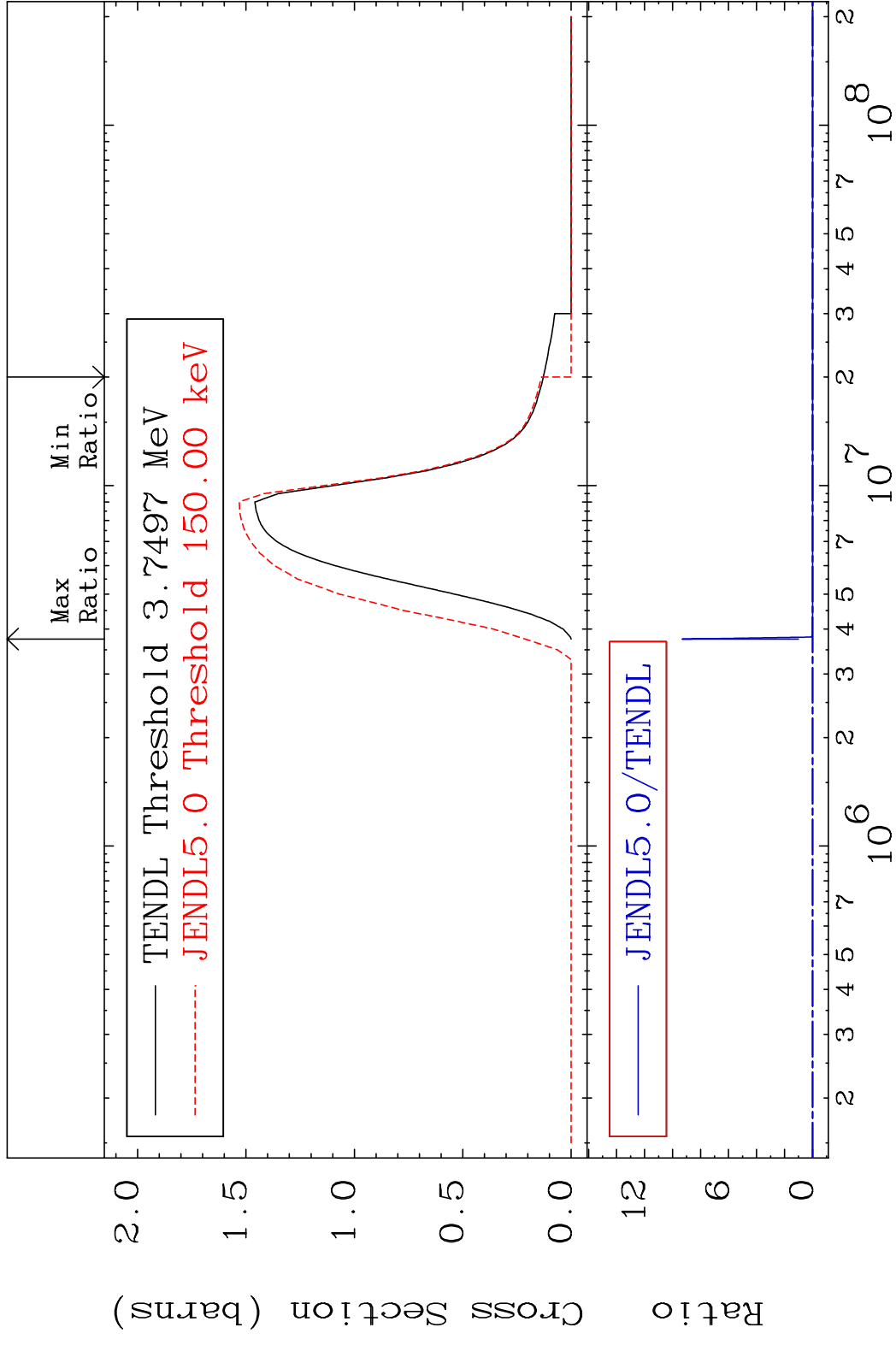
MAT 3049 MT= 74 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 27.06 %



MAT 3049 MT= 75 (n, n') Level 30-Zn-72
 Cross Section -100.0 To 9999. %

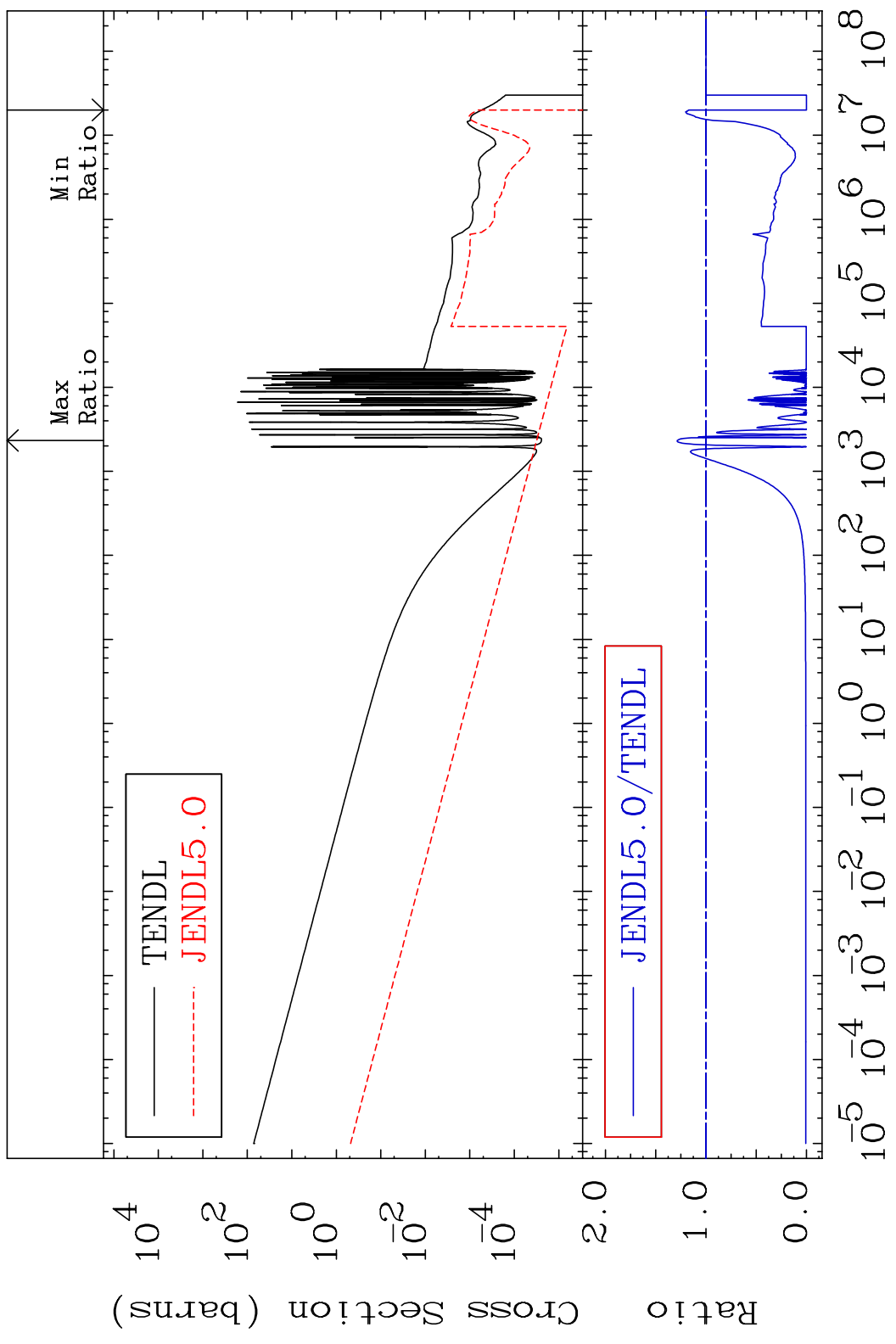


MAT 3049 (n, n') Continuum 30-Zn-72
 Cross Section -100.0 To 9999. %



MAT 3049

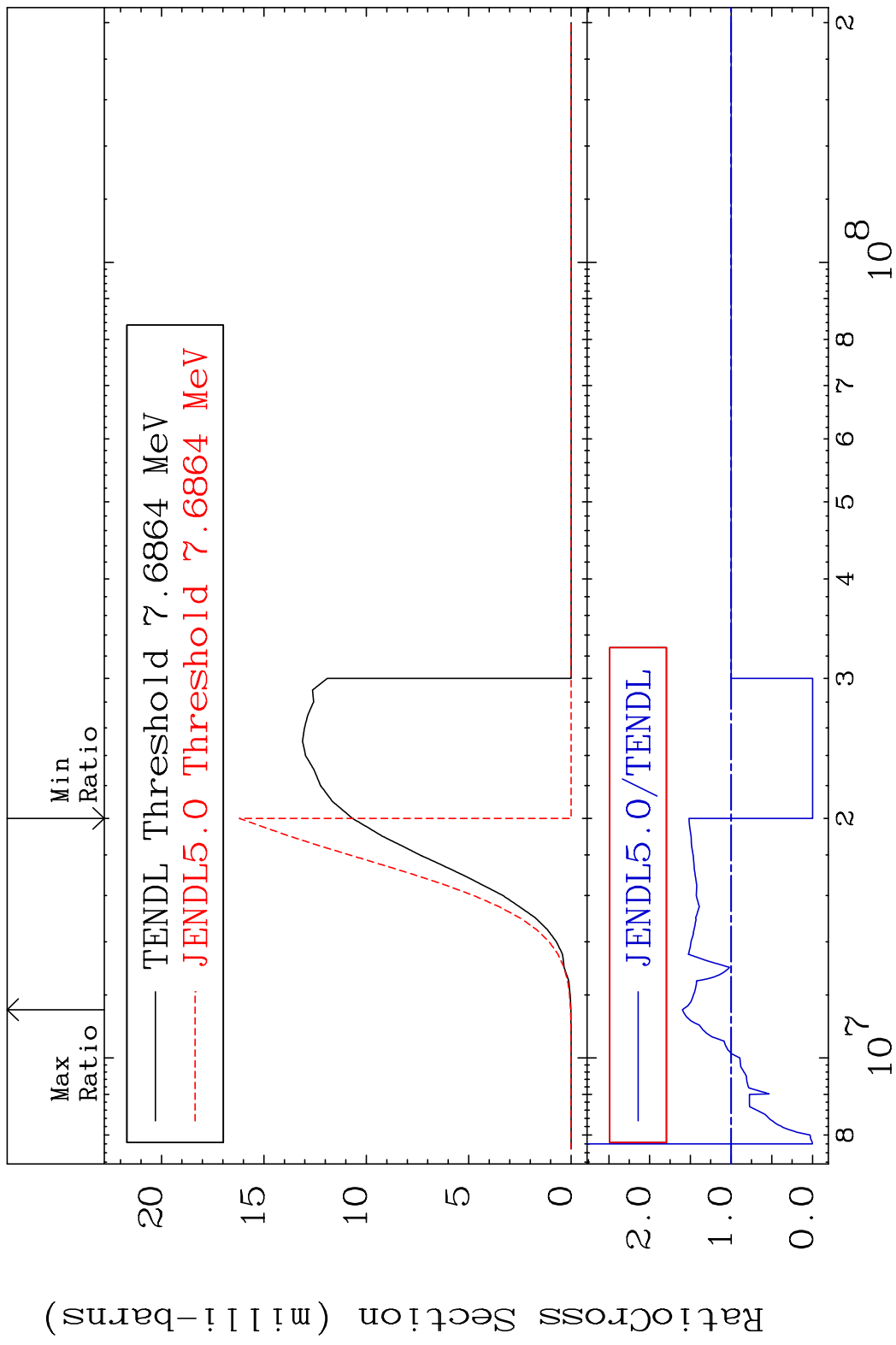
(n, γ)
Cross Section -100.0 To 28.56 %
30-Zn-72



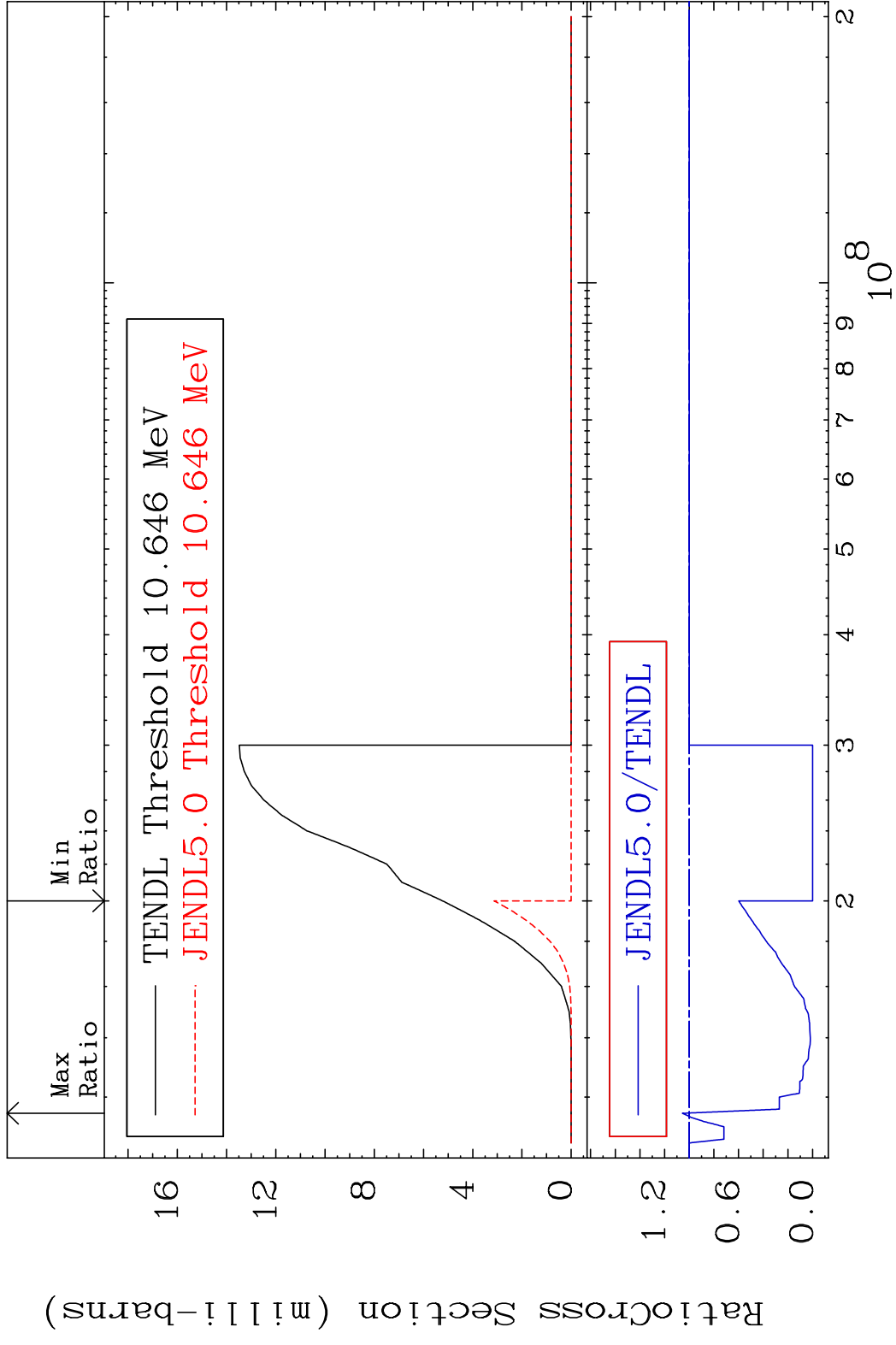
35

Incident Energy (eV) 30-Zn-72

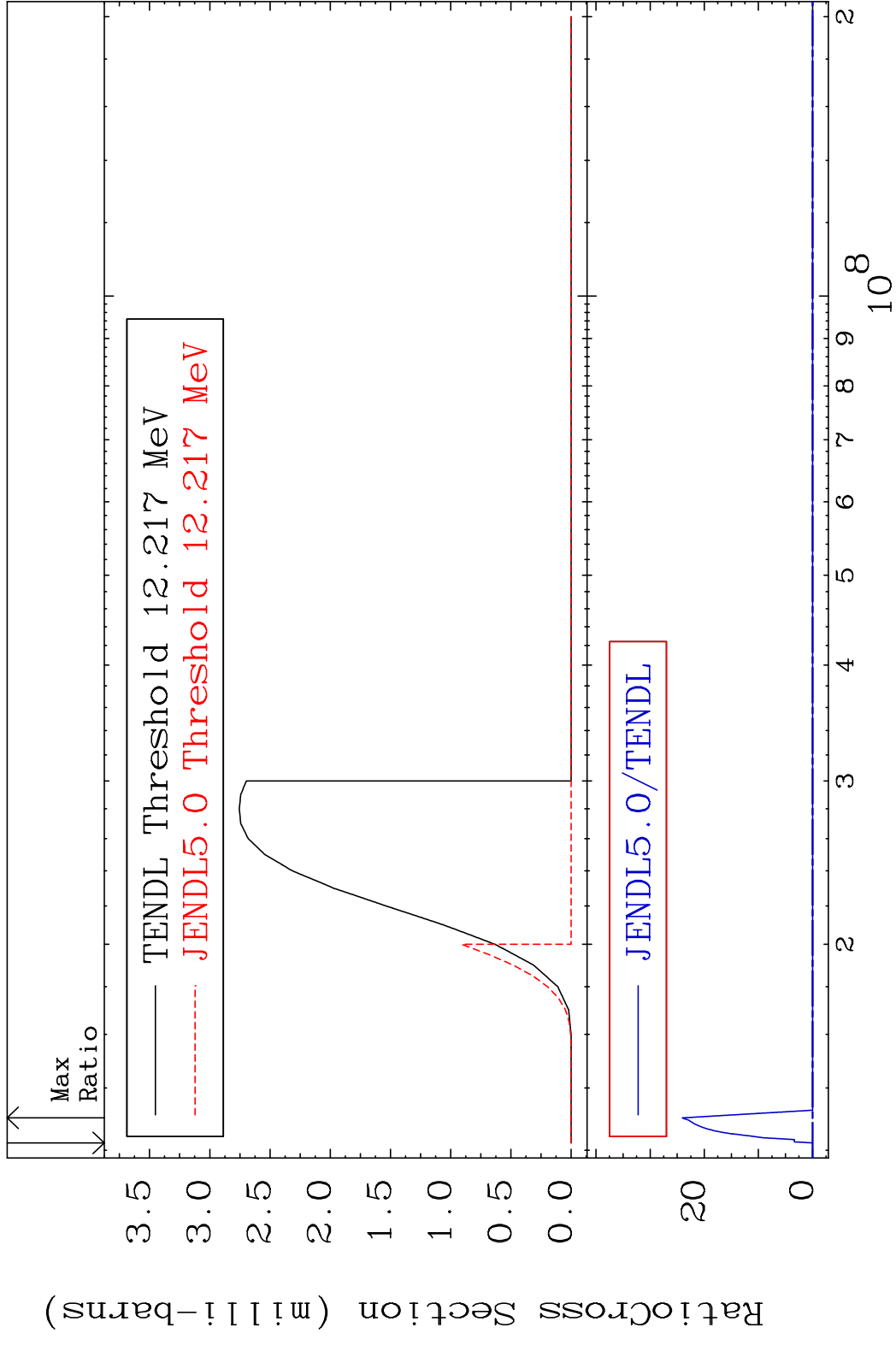
MAT 3049 (n,p) 30-Zn-72
 Cross Section -100.0 To 59.82 %



MAT 3049 (n,d) 30-Zn-72
 Cross Section -100.0 To 5.587 %



MAT 3049 (n, t) 30-Zn-72
 Cross Section -100.0 To 9999. %

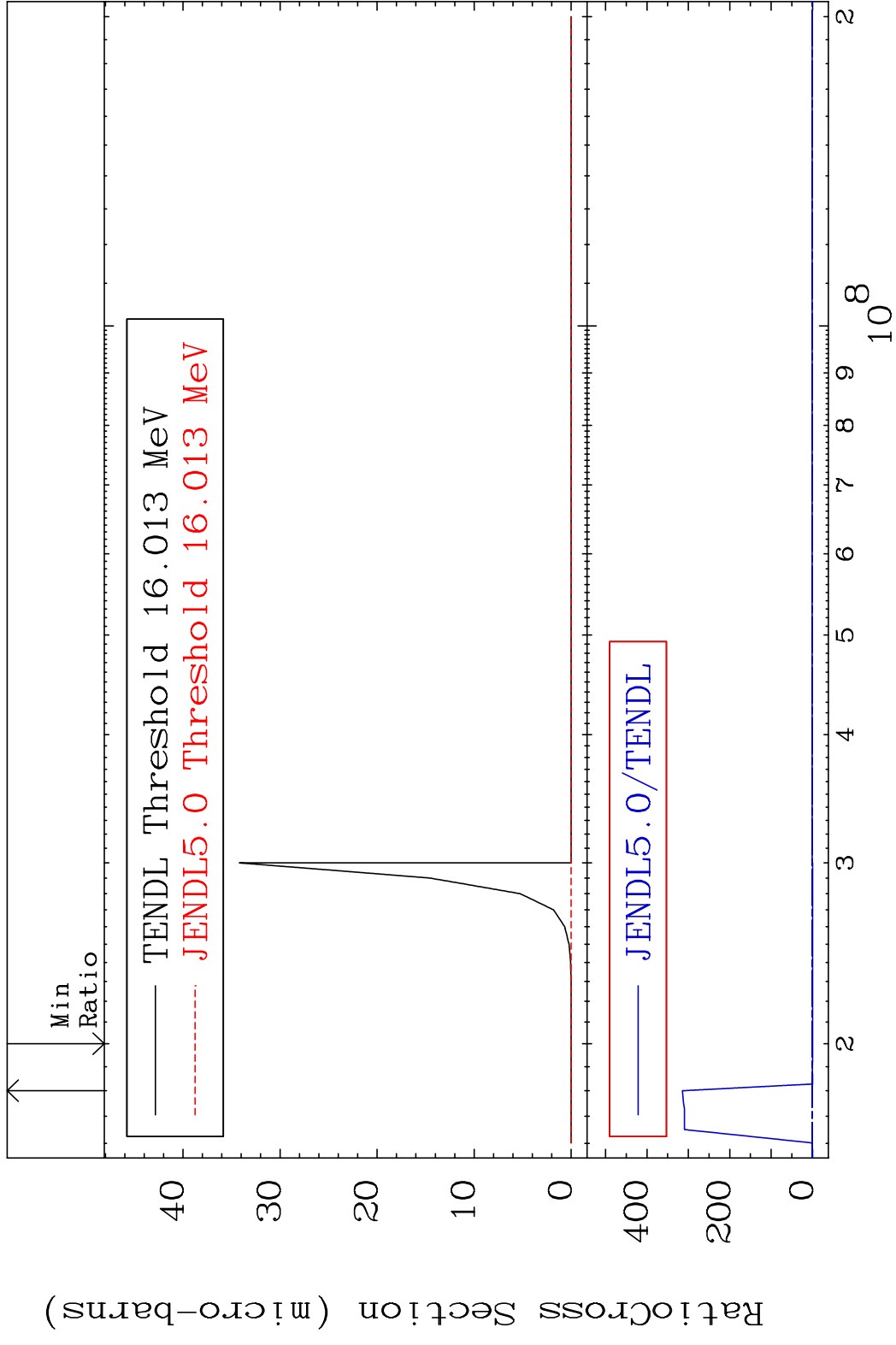


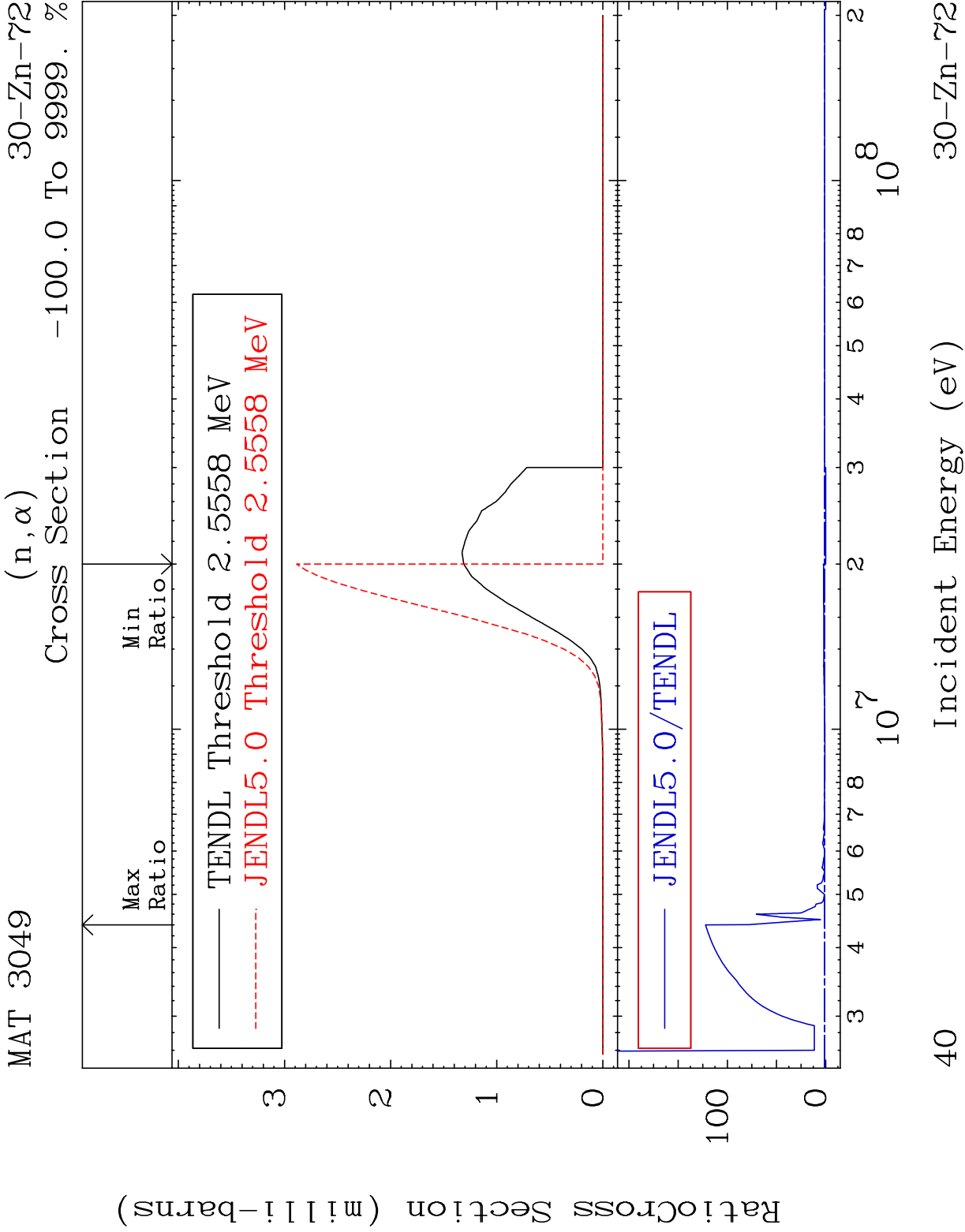
MAT 3049

(n, He-3)

30-Zn-72

Cross Section -100.0 To 9999. %





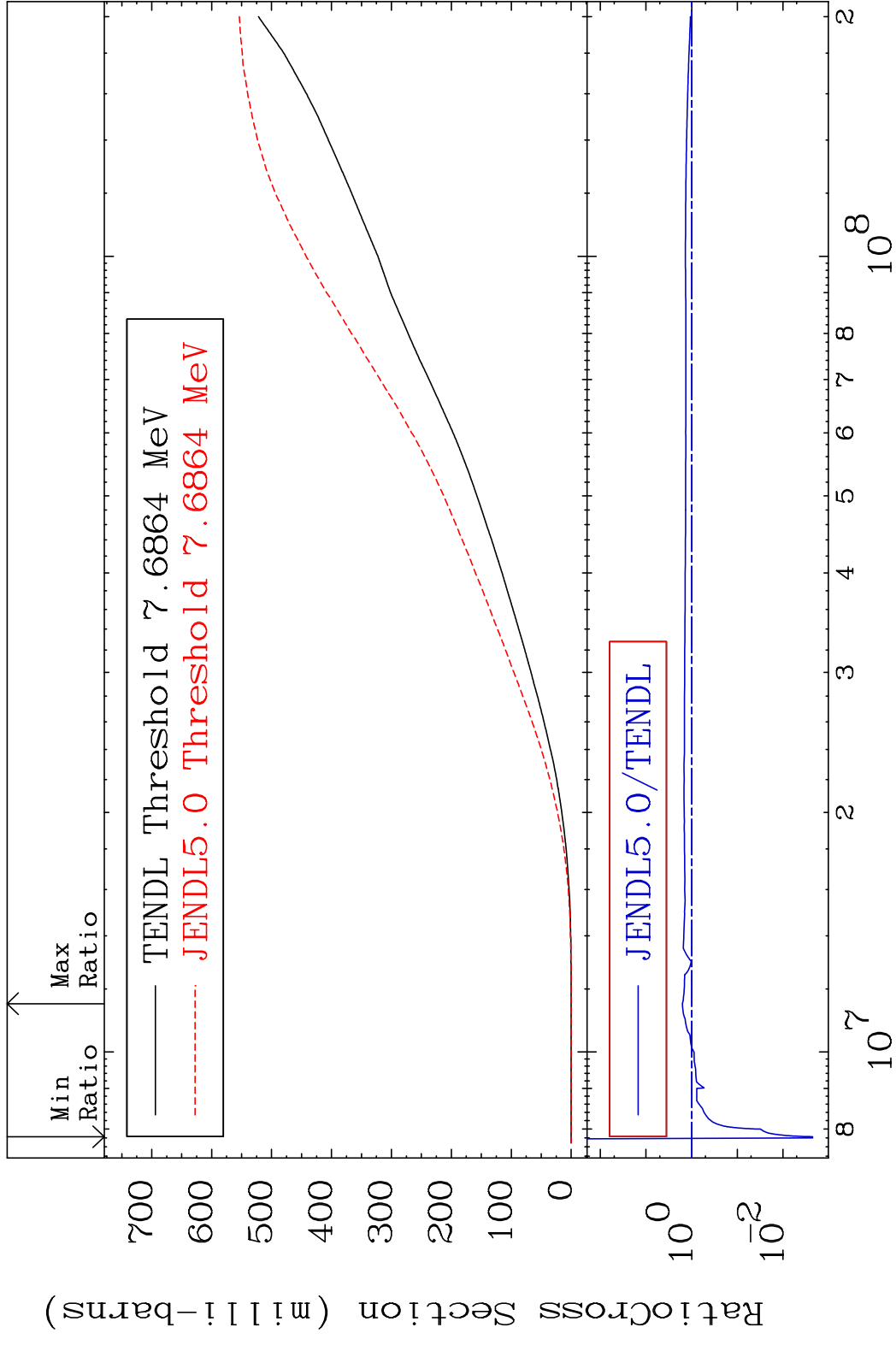
MAT 3049

Hydrogen Production

30-Zn-72

Cross Section

-99.78 To 59.82 %



41

Incident Energy (eV)

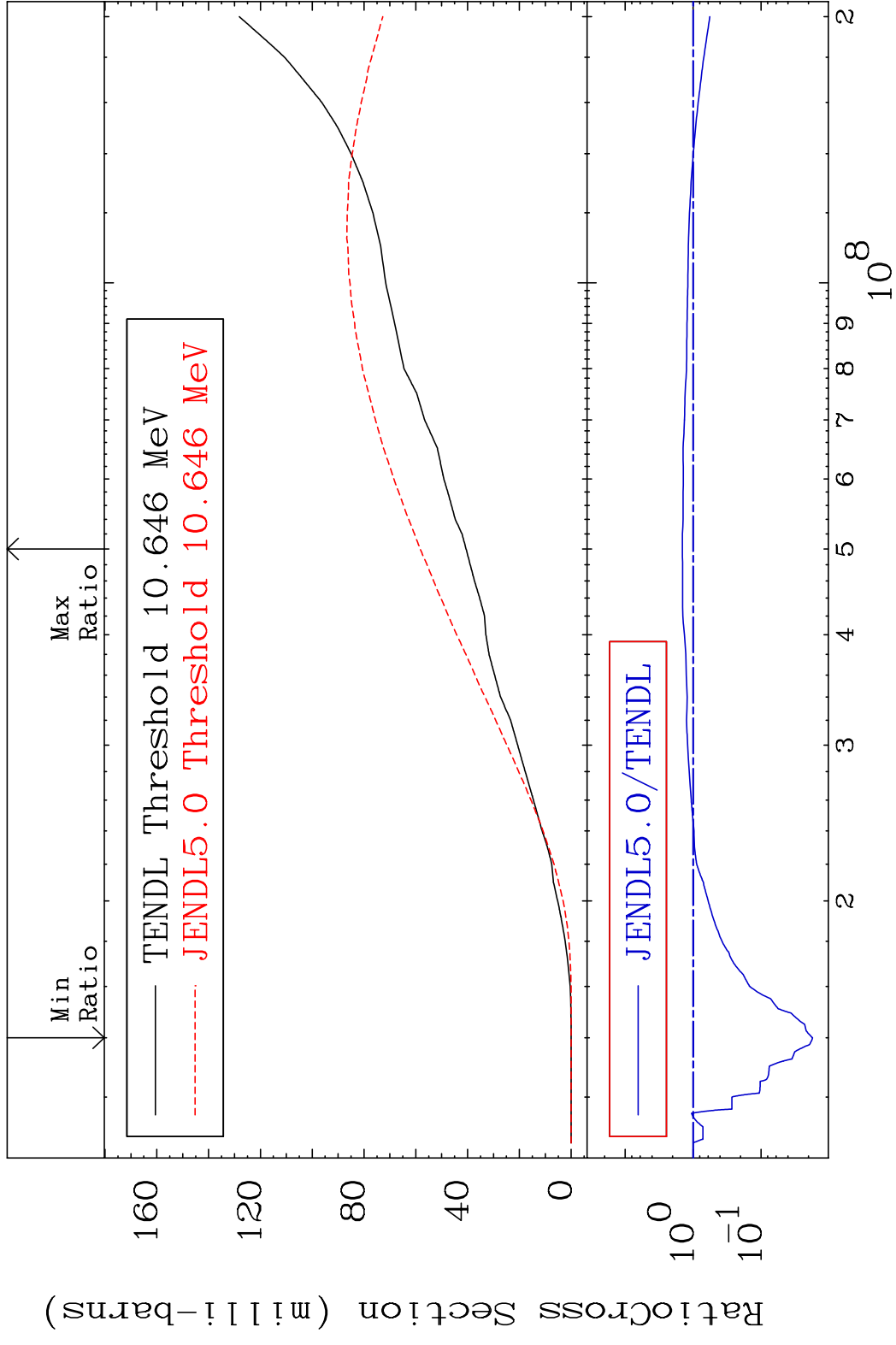
30-Zn-72

MAT 3049

Deuterium Production

30-Zn-72

Cross Section -98.25 To 43.74 %

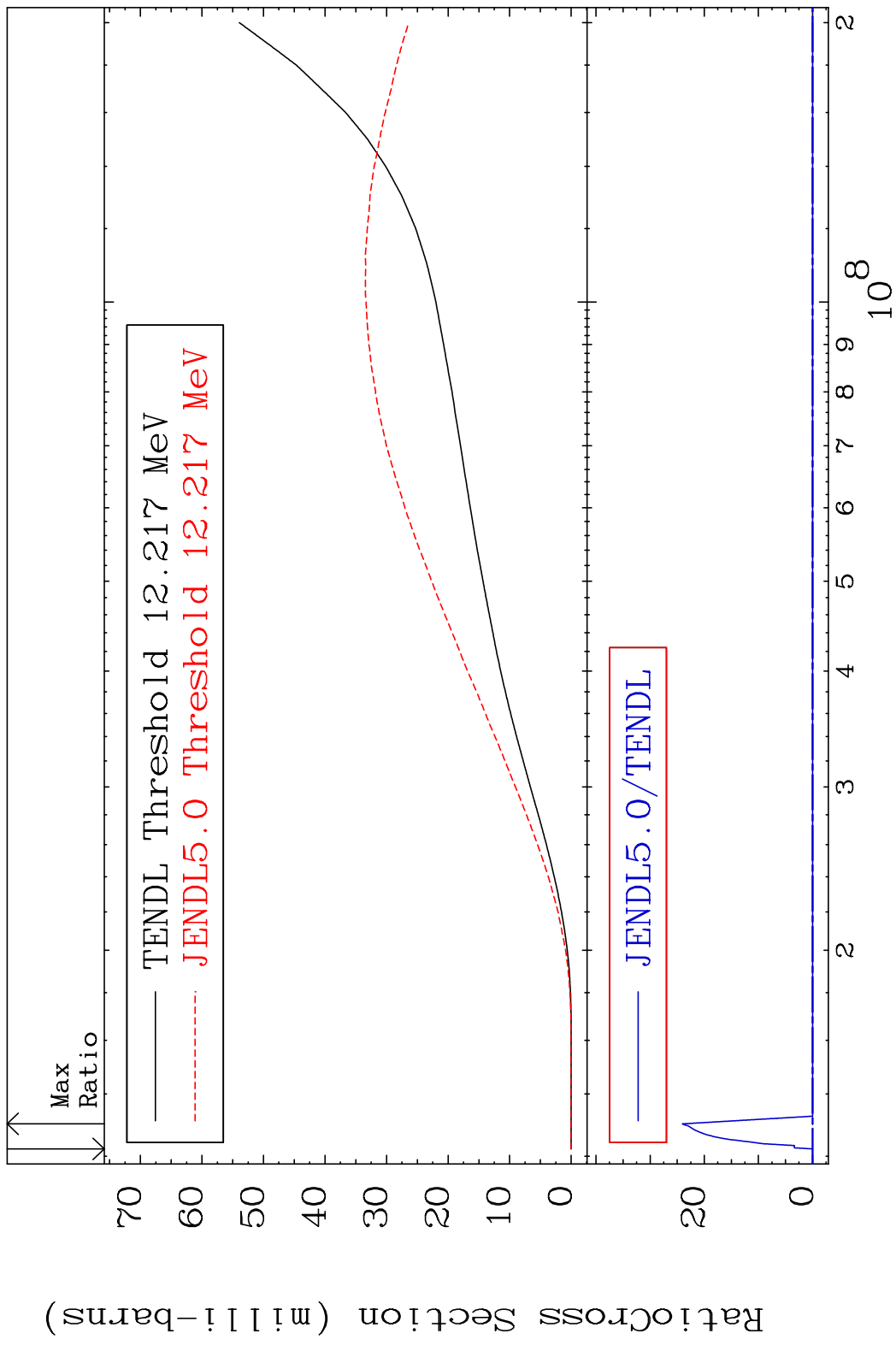


42

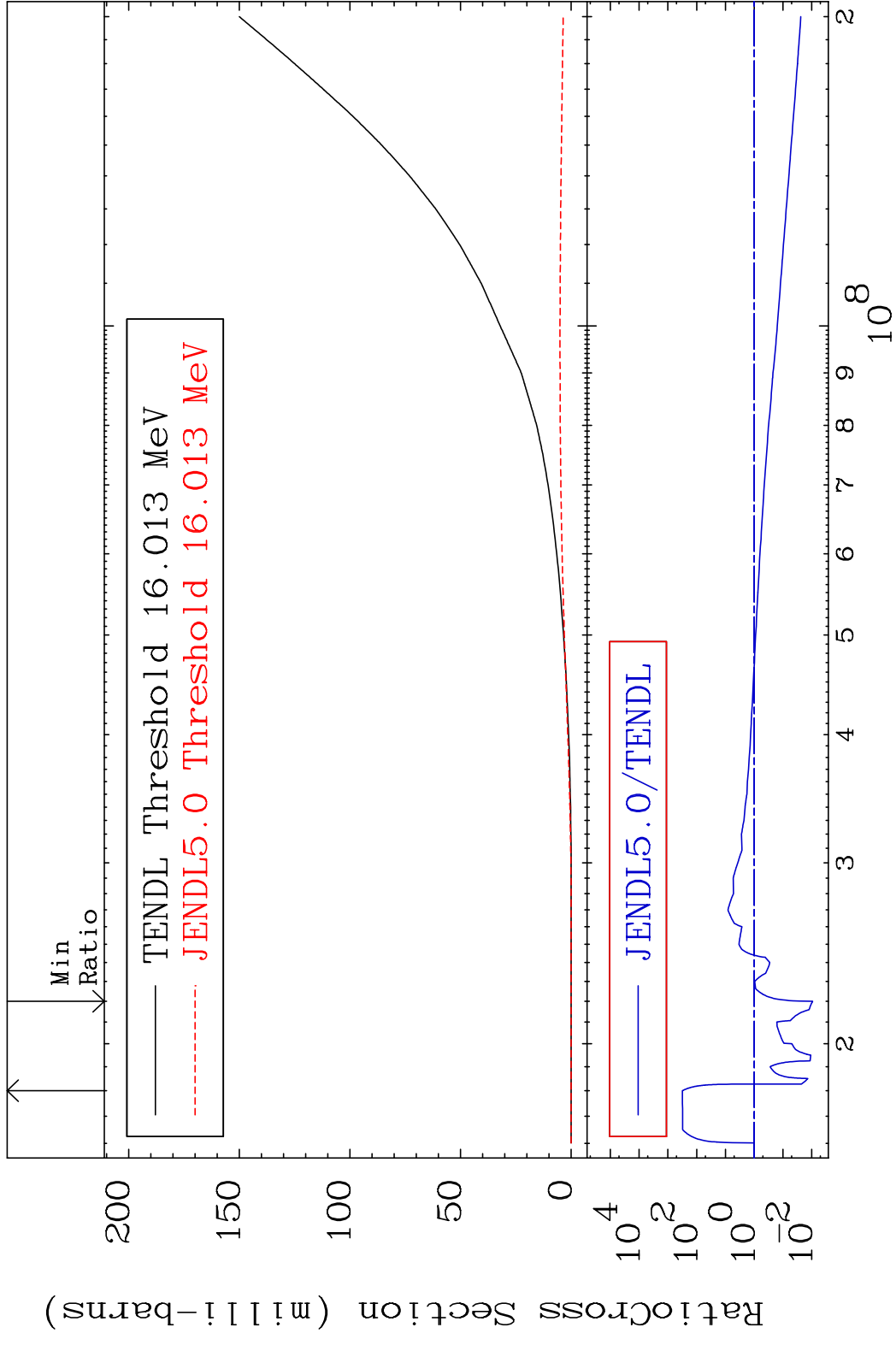
Incident Energy (eV)

30-Zn-72

MAT 3049 Tritium Production 30-Zn-72
 Cross Section -100.0 To 9999. %

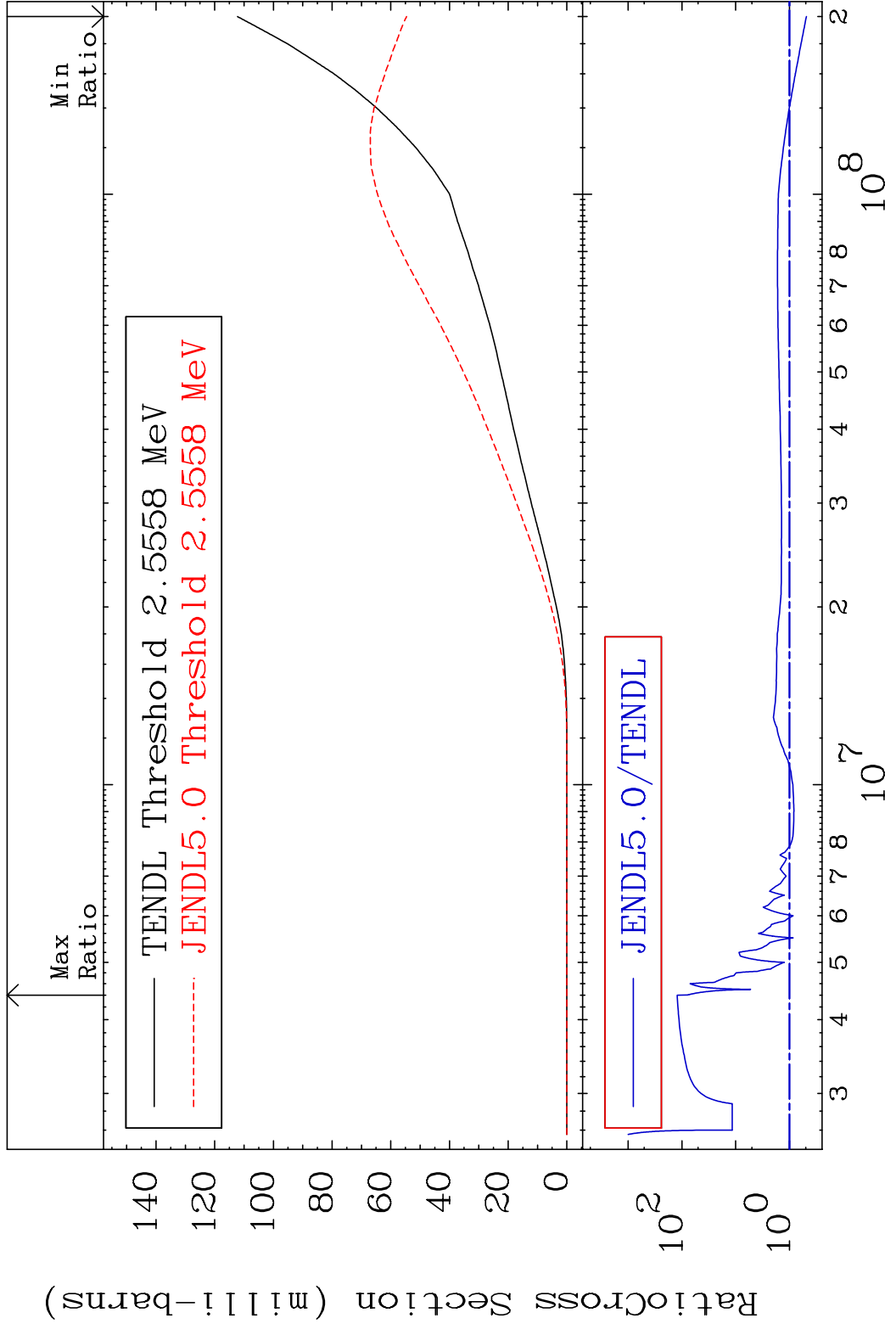


MAT 3049 He-3 Production 30-Zn-72
 Cross Section -99.06 To 9999. %

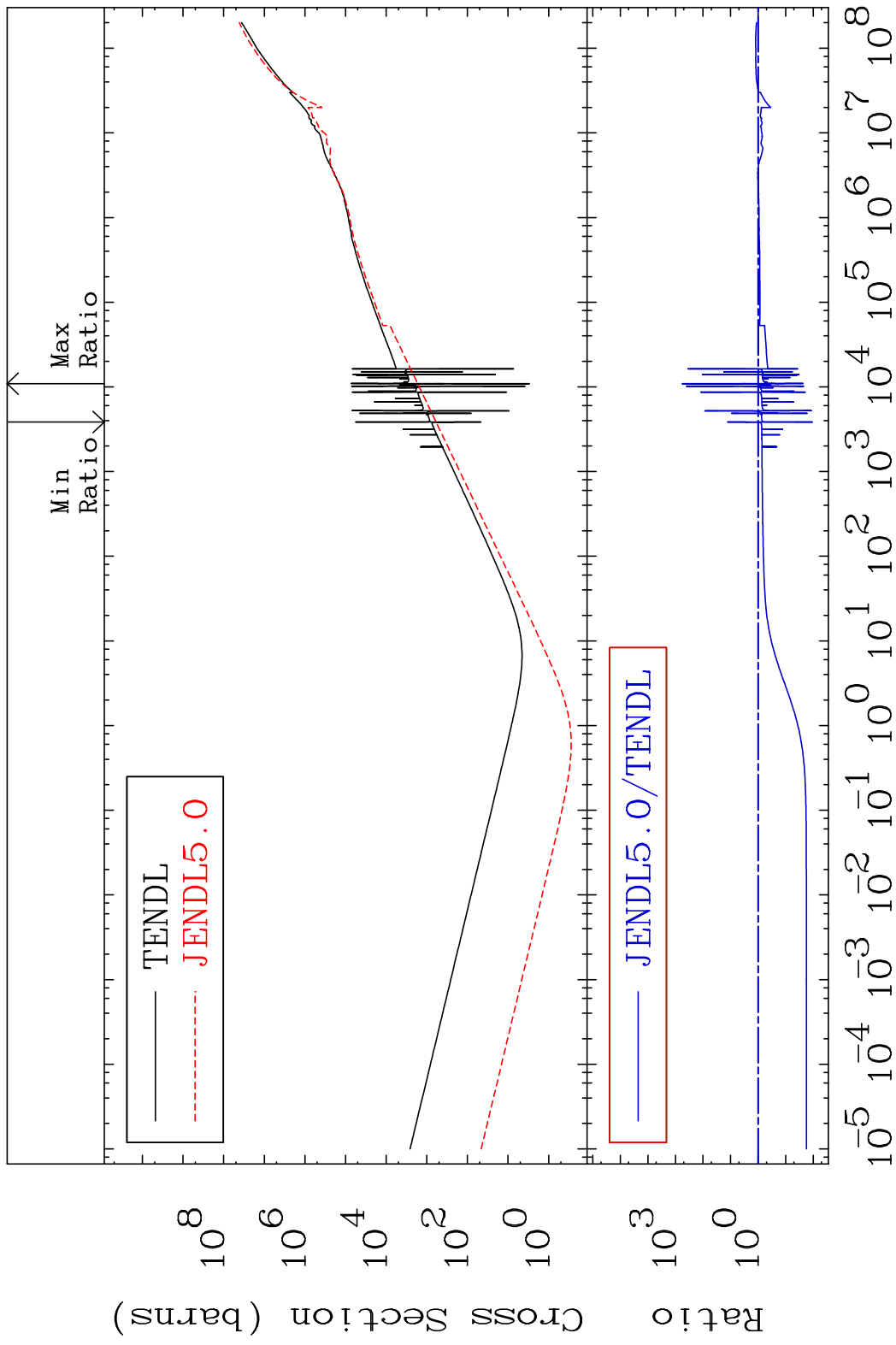


44 Incident Energy (eV) 30-Zn-72

MAT 3049 He-4 Production 30-Zn-72
 Cross Section -51.31 To 9999. %



MAT 3049 Kerma total (eV-barns) 30-Zn-72
Cross Section -98.94 To 9999. %

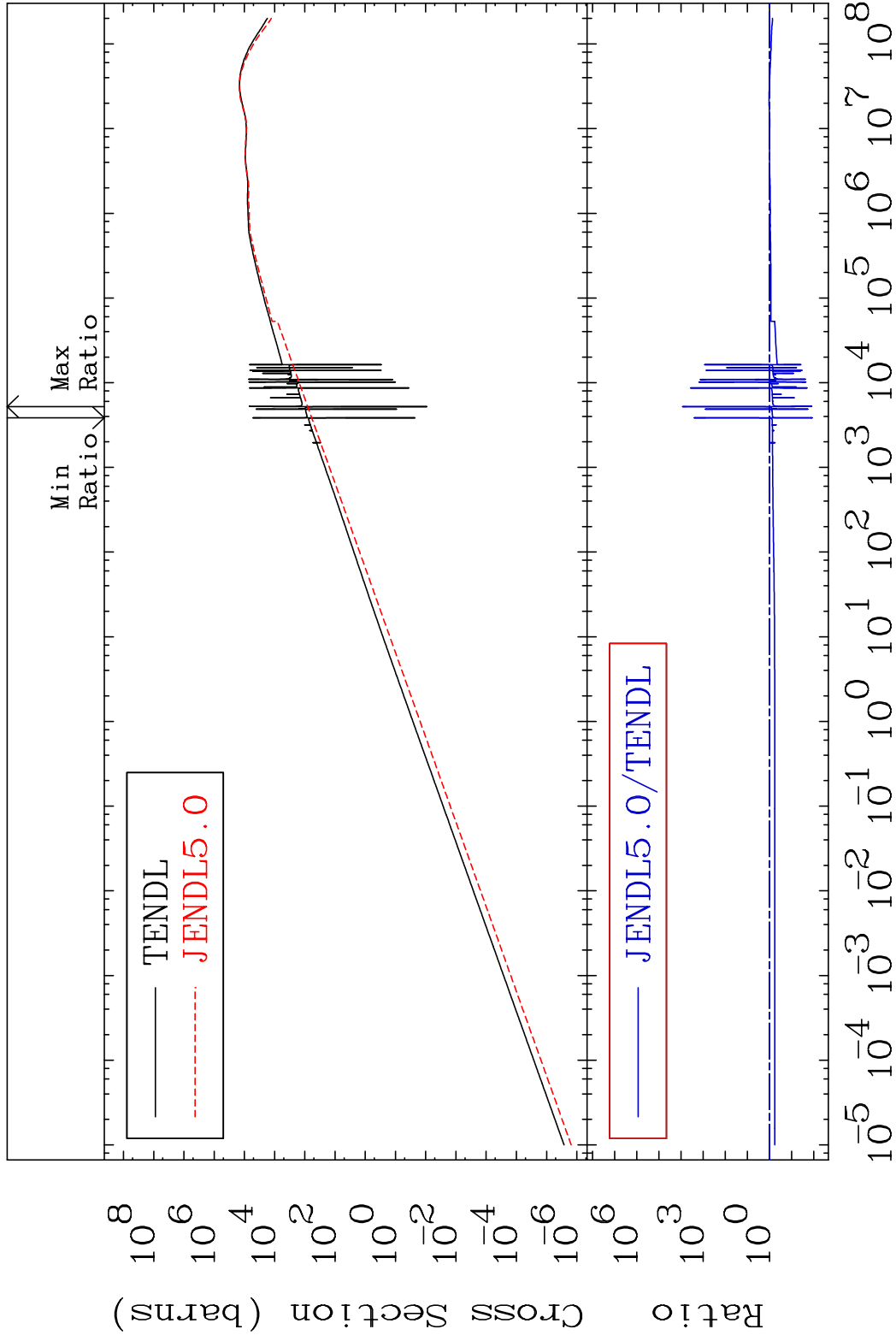


MAT 3049

Kerma elastic

30-Zn-72

Cross Section -98.87 To 9999. %

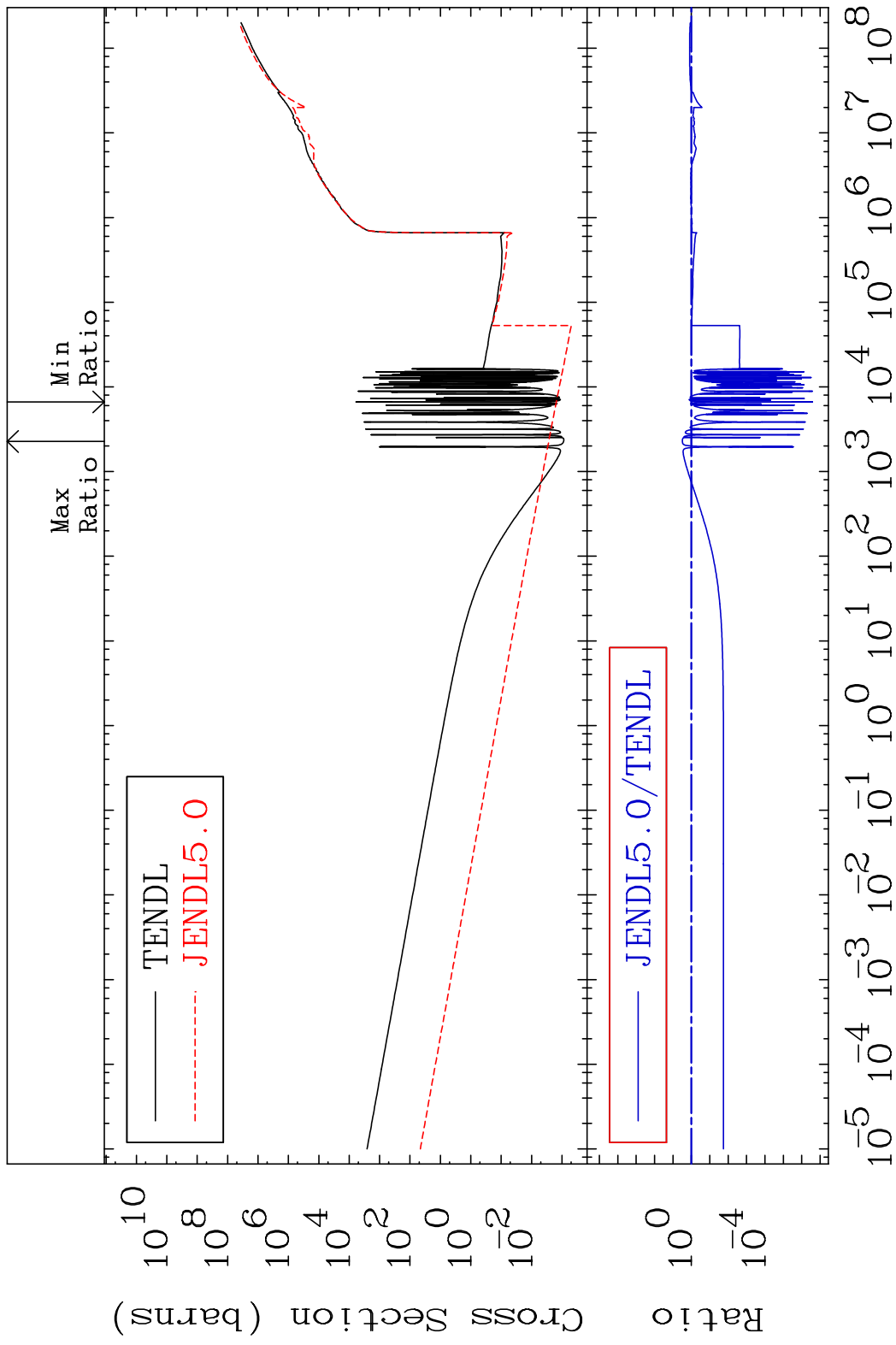


47

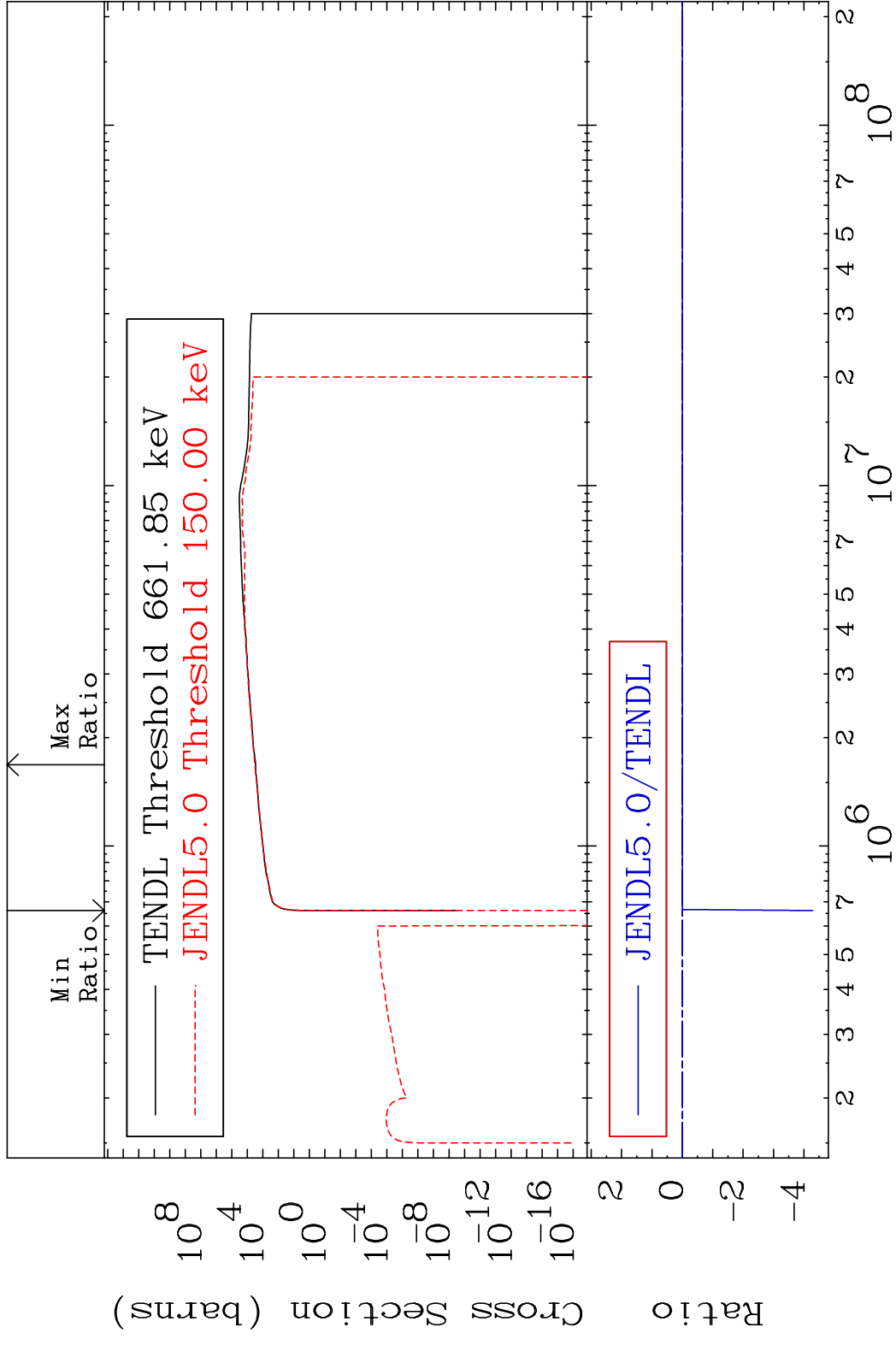
Incident Energy (eV)

30-Zn-72

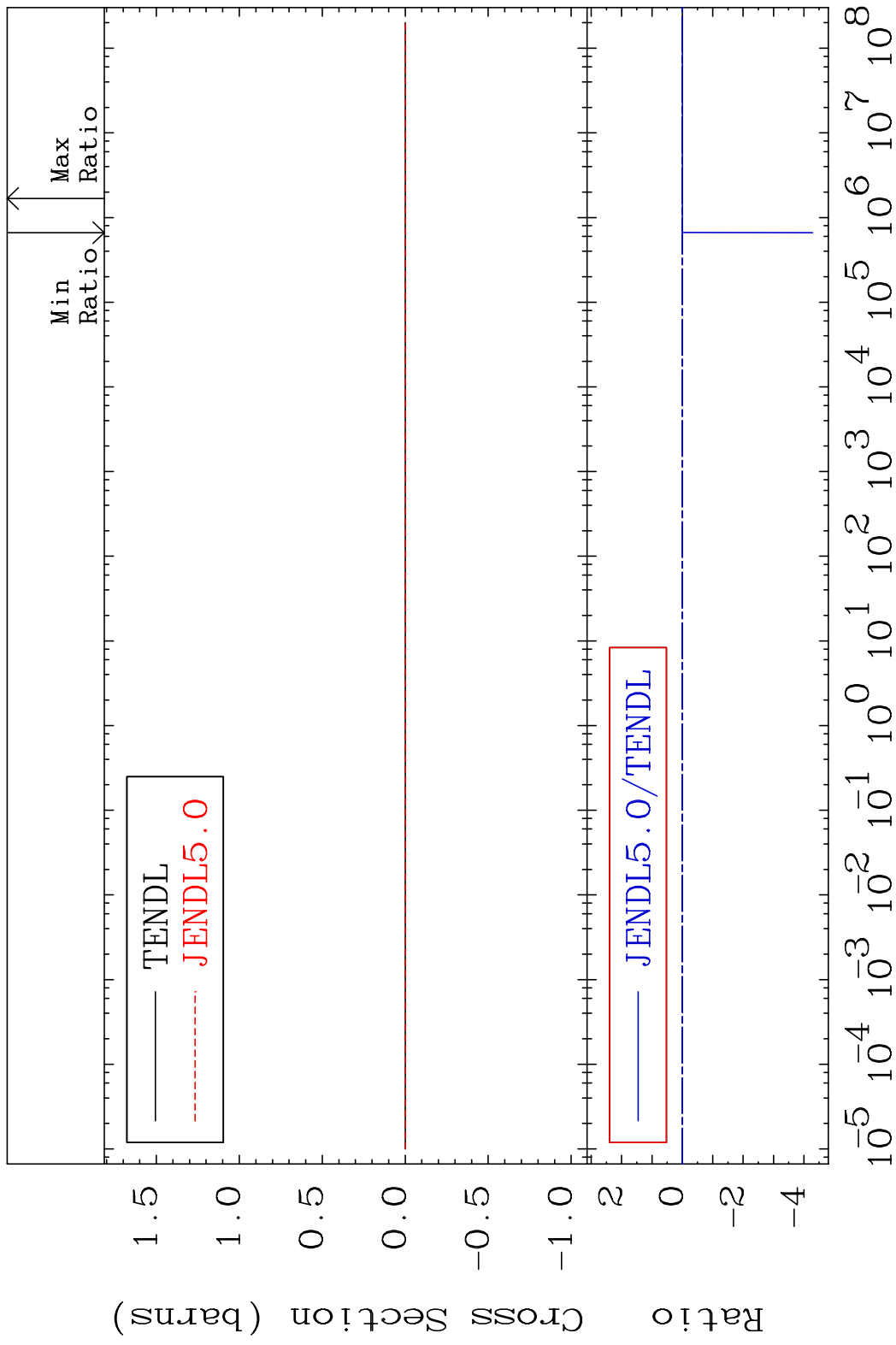
MAT 3049 Kerma non-elastic (all but mt2) 30-Zn-72
 Cross Section -100.0 To 208.6 %



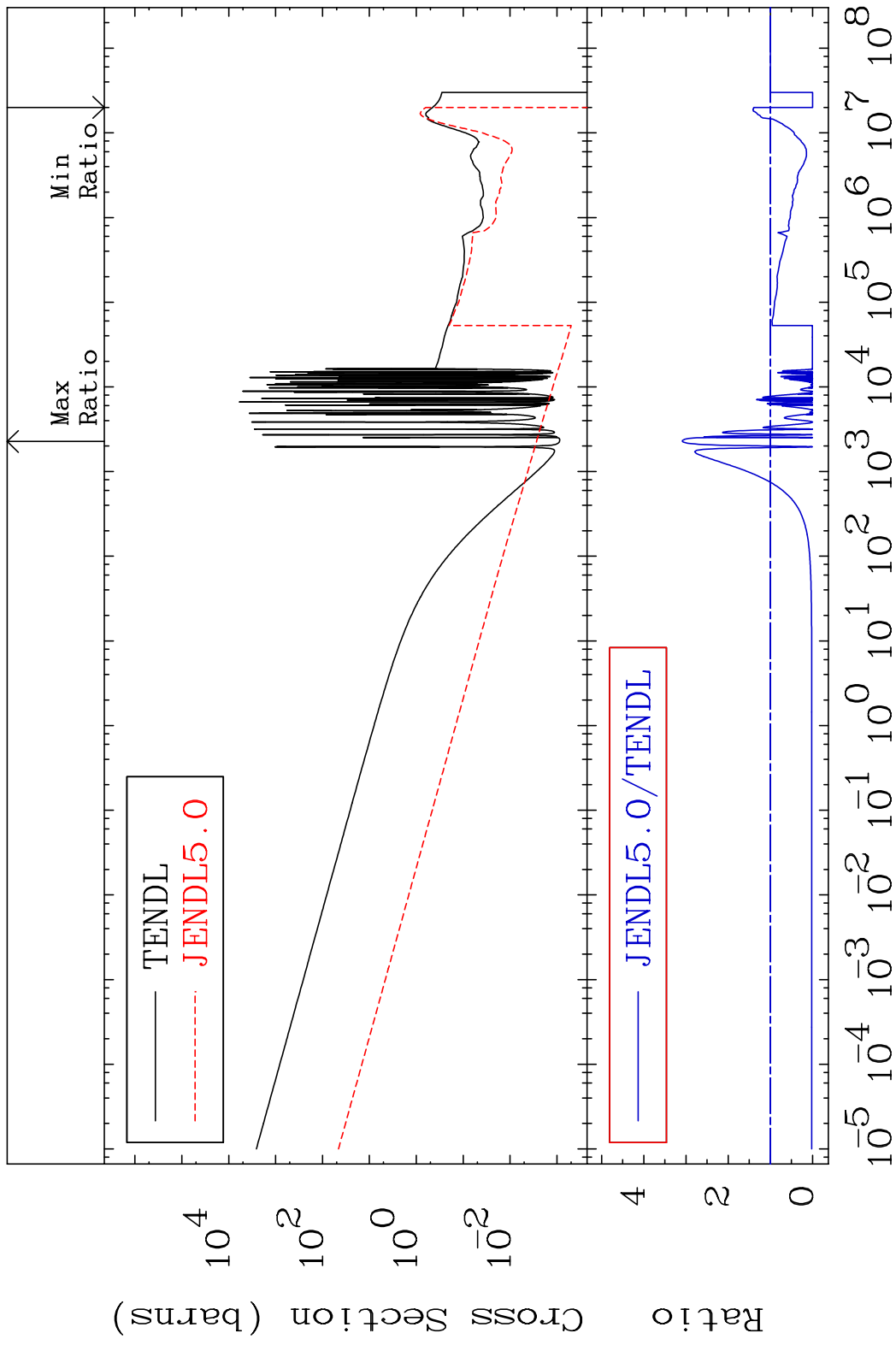
MAT 3049 Kerma inelastic (mt51-91) 30-Zn-72
 Cross Section -9999. To 10.38 %



MAT 3049 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-72
 Cross Section -9999. To 10.38 %

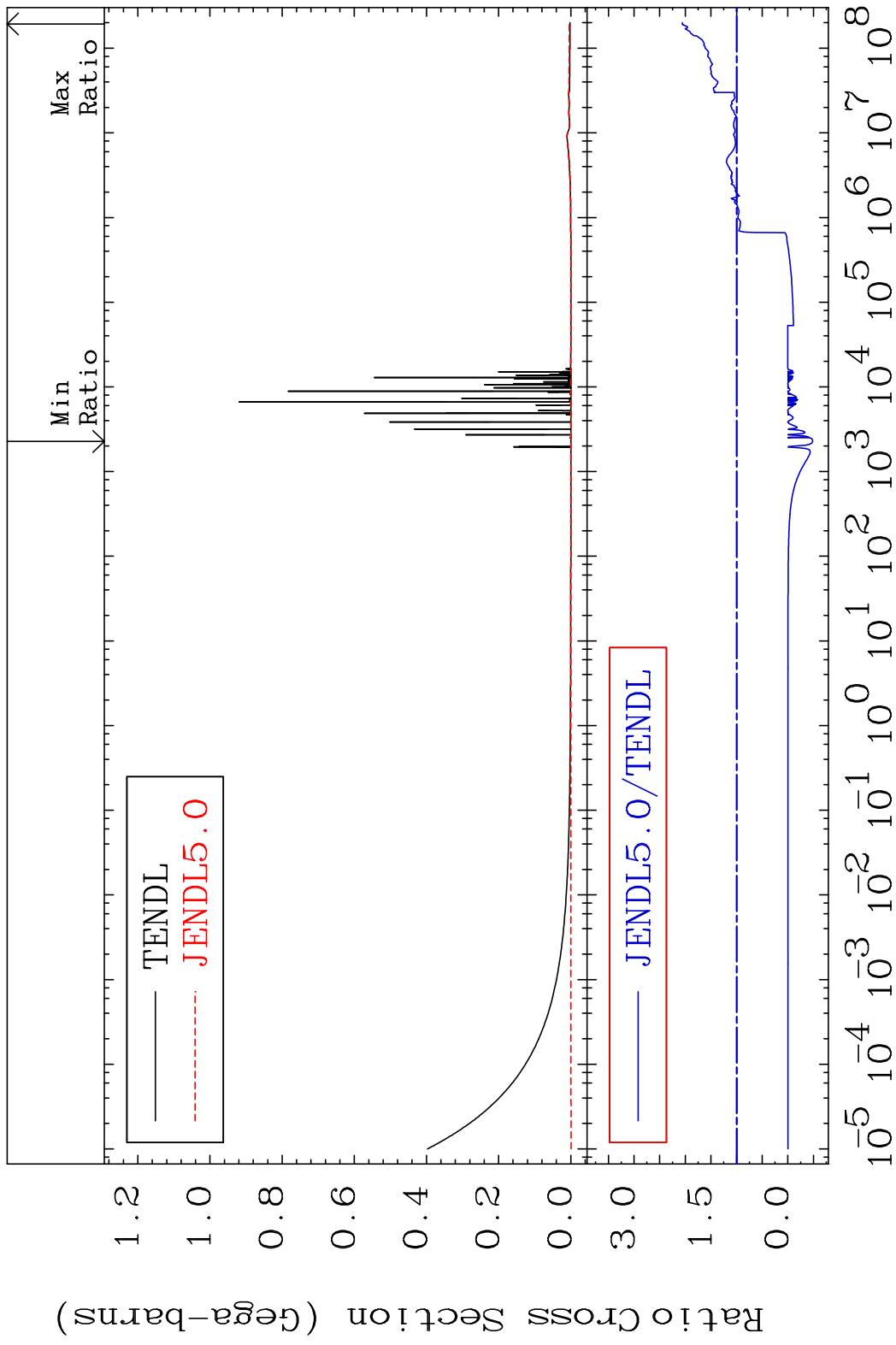


MAT 3049 Kerma capture (mt102) 30-Zn-72
 Cross Section -100.0 To 208.6 %



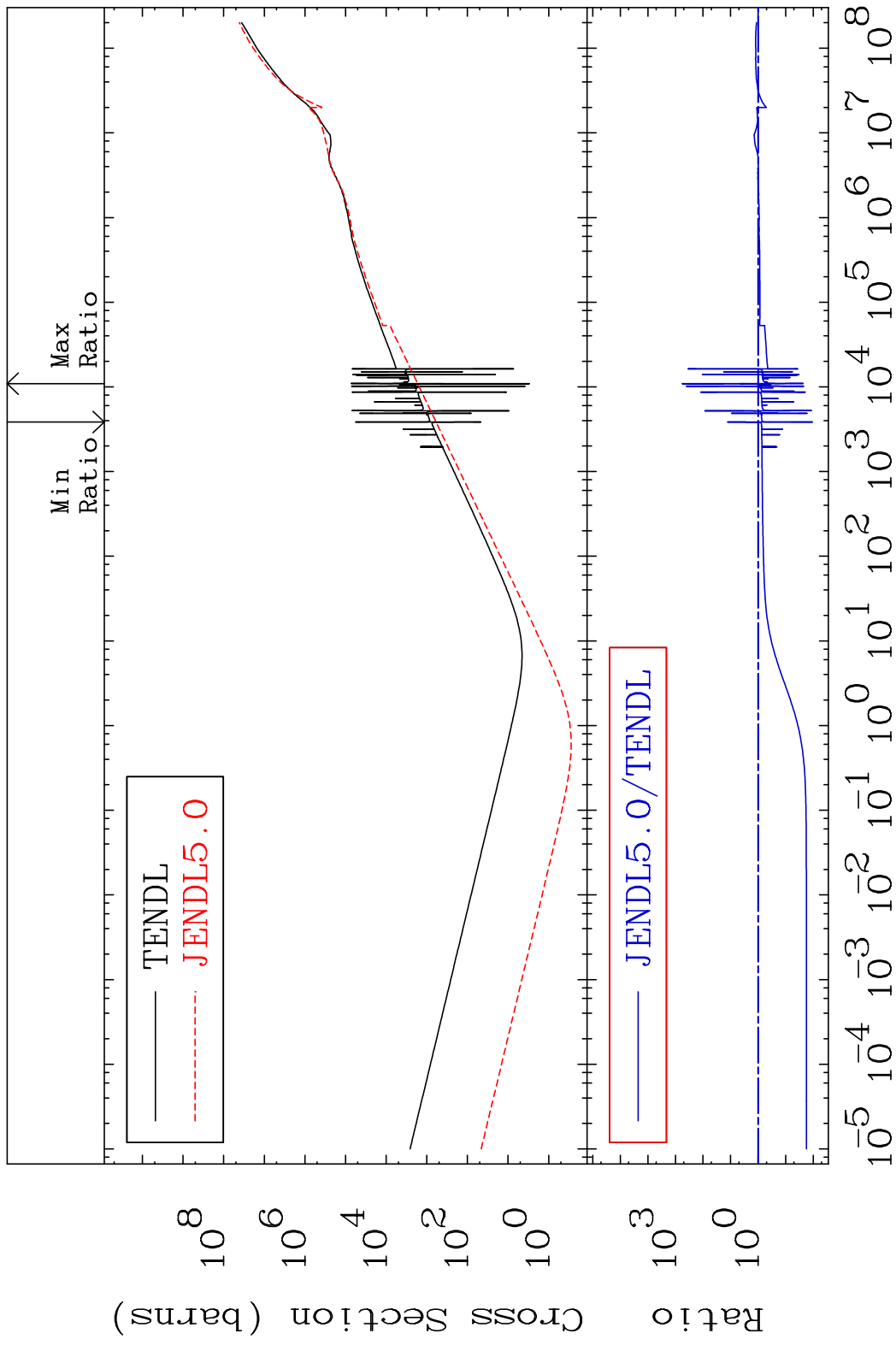
51 Incident Energy (eV) 30-Zn-72

MAT 3049 Total photon (eV-barns) 30-Zn-72
Cross Section -148.2 To 105.8 %

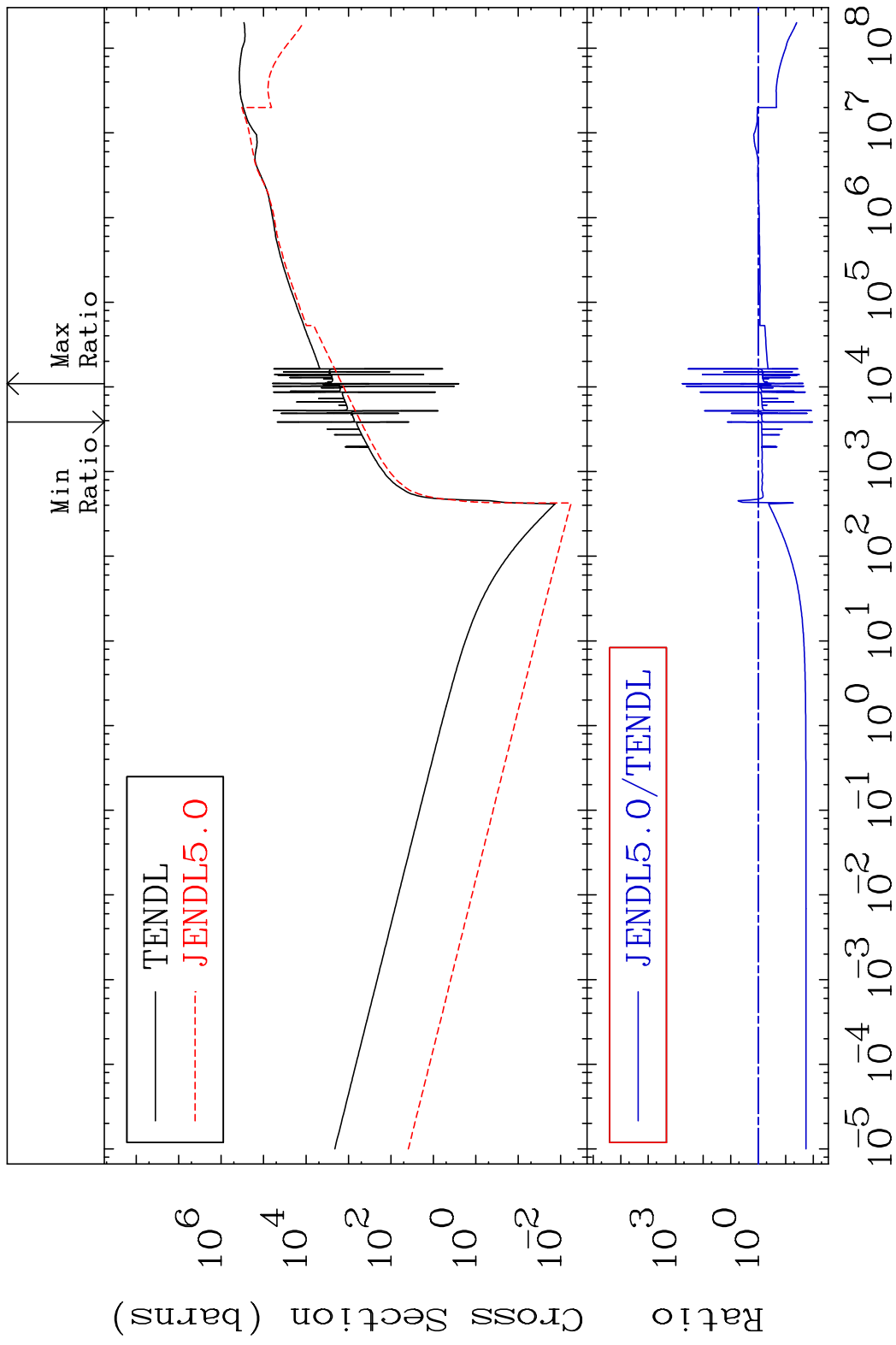


52 Incident Energy (eV) 30-Zn-72

MAT 3049 Total kinematic kerma (high limit) 30-Zn-72
 Cross Section -98.94 To 9999. %



MAT 3049 Dpa total (eV-barns) 30-Zn-72
 Cross Section -98.94 To 9999. %

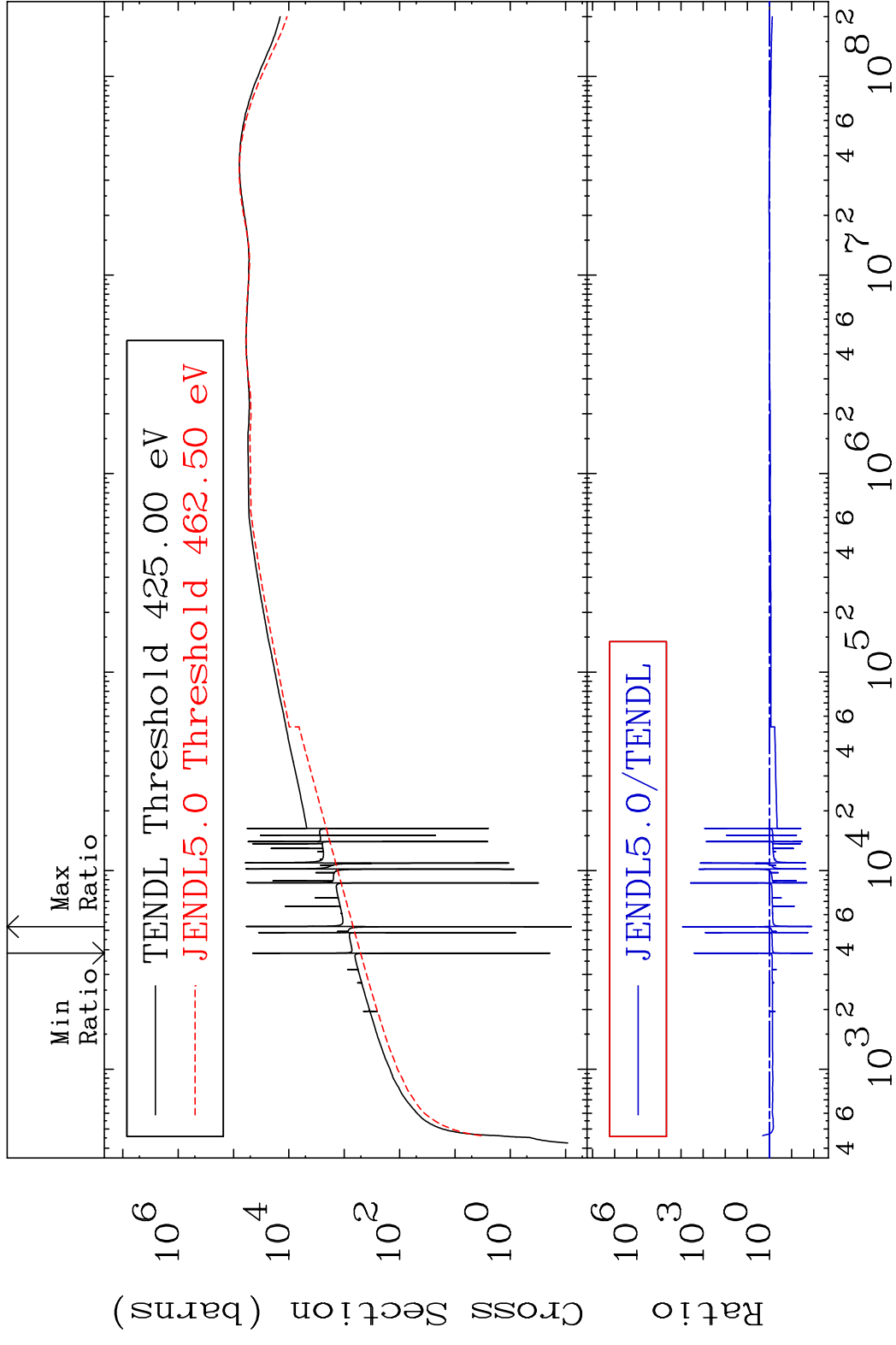


MAT 3049

Dpa elastic (mt2)

30-Zn-72

Cross Section -98.88 To 9999. %

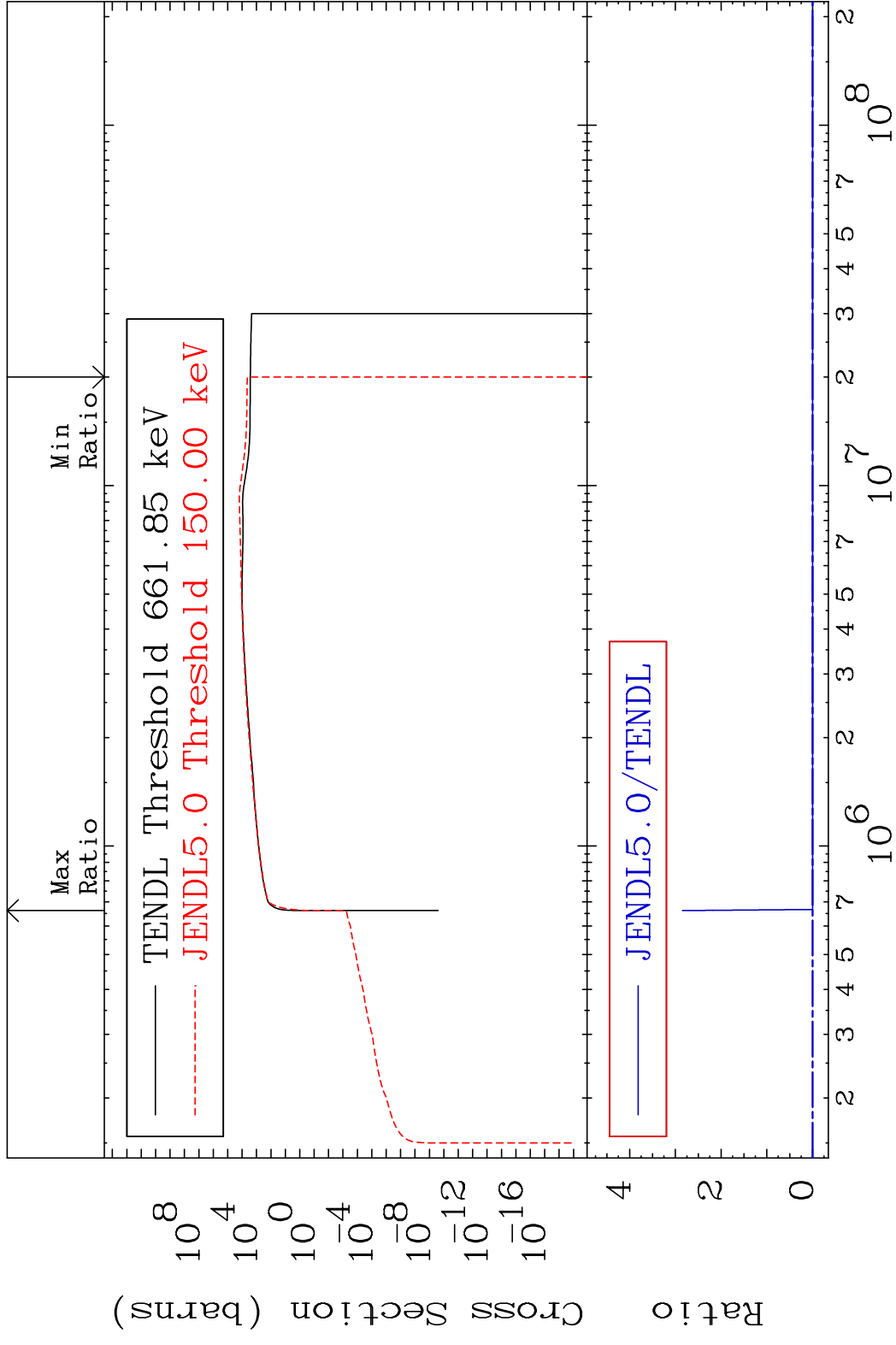


55

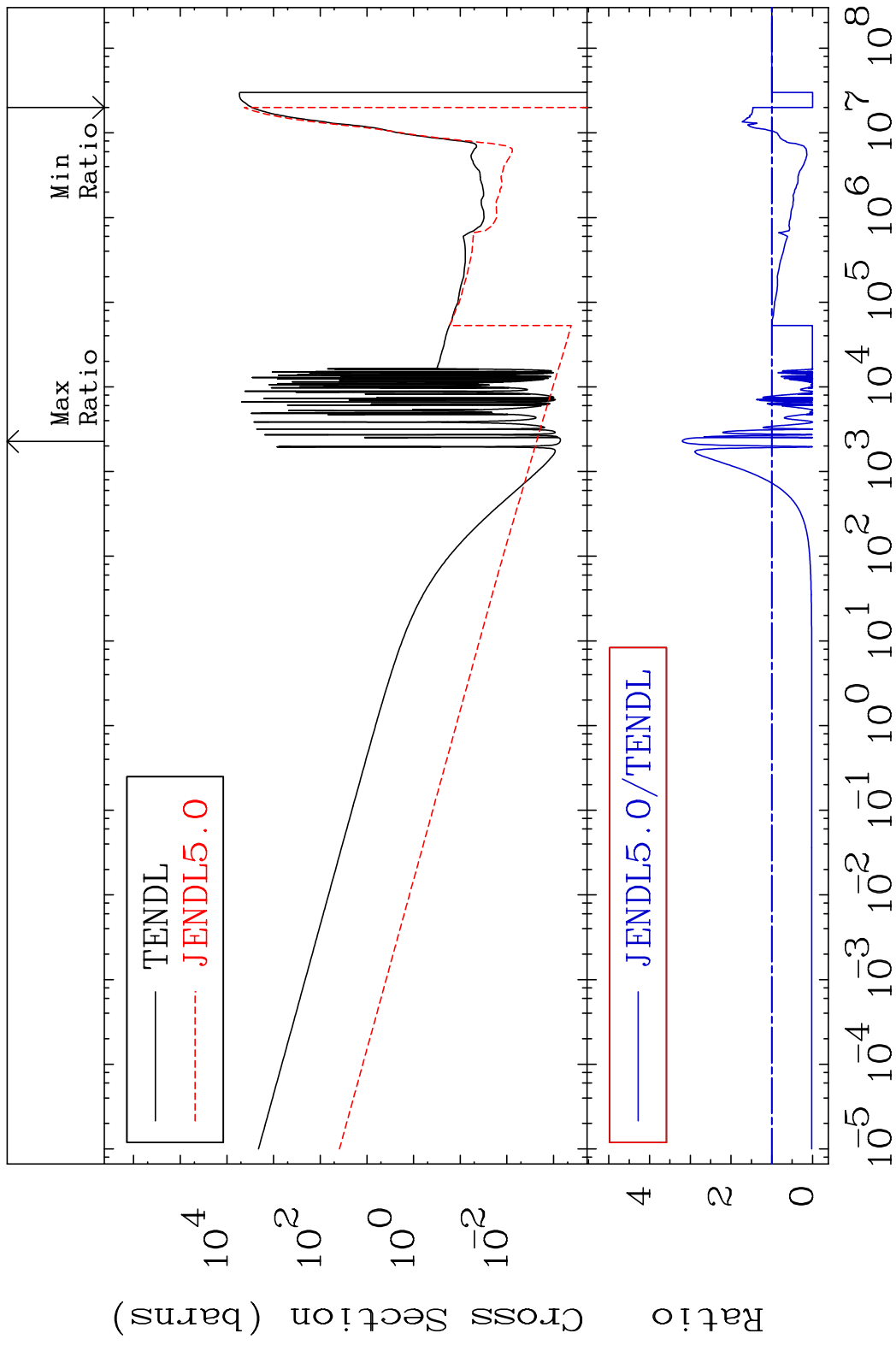
Incident Energy (eV)

30-Zn-72

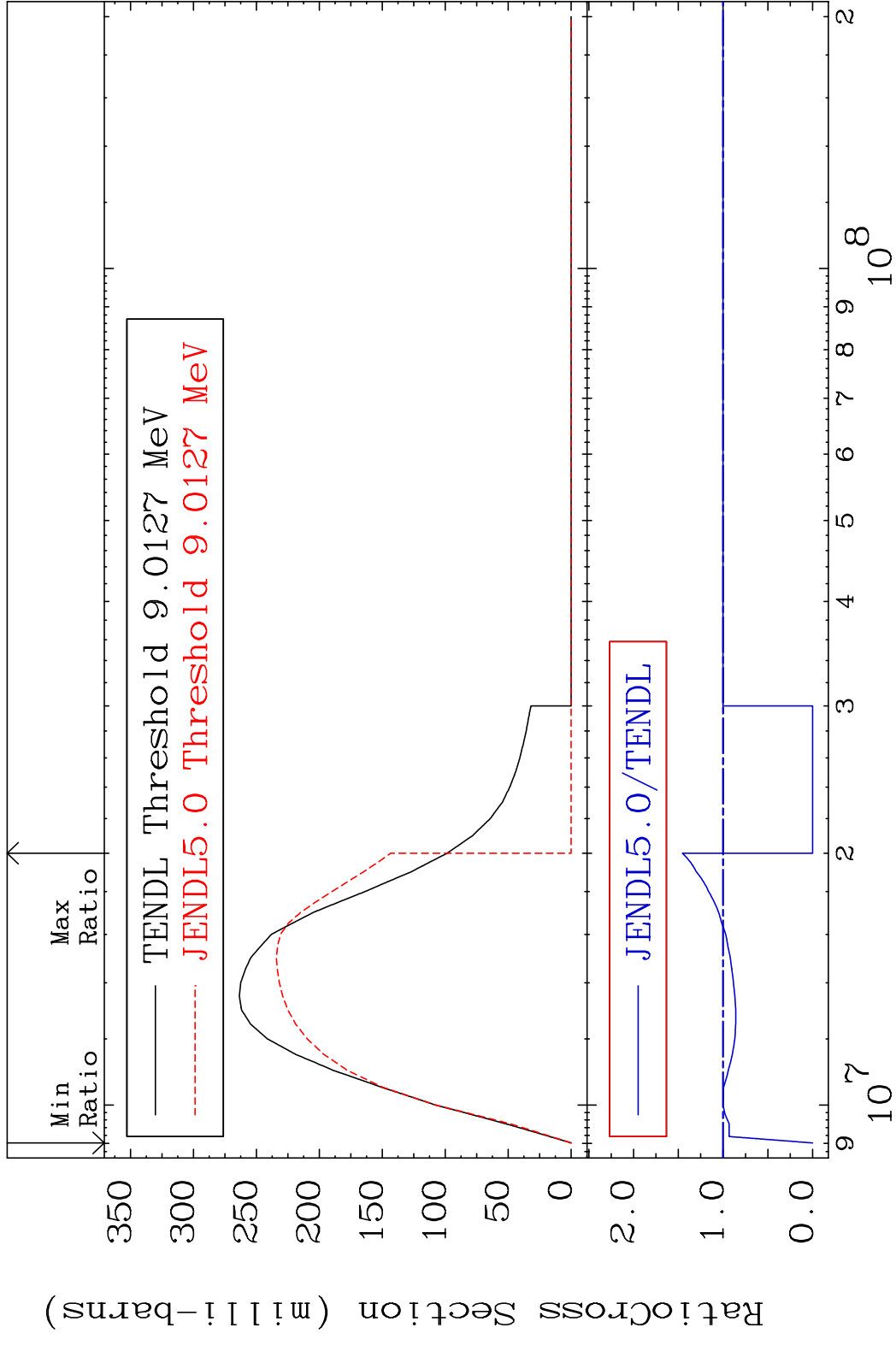
MAT 3049 Dpa inelastic (mt51-91) 30-Zn-72
 Cross Section -100.0 To 9999. %



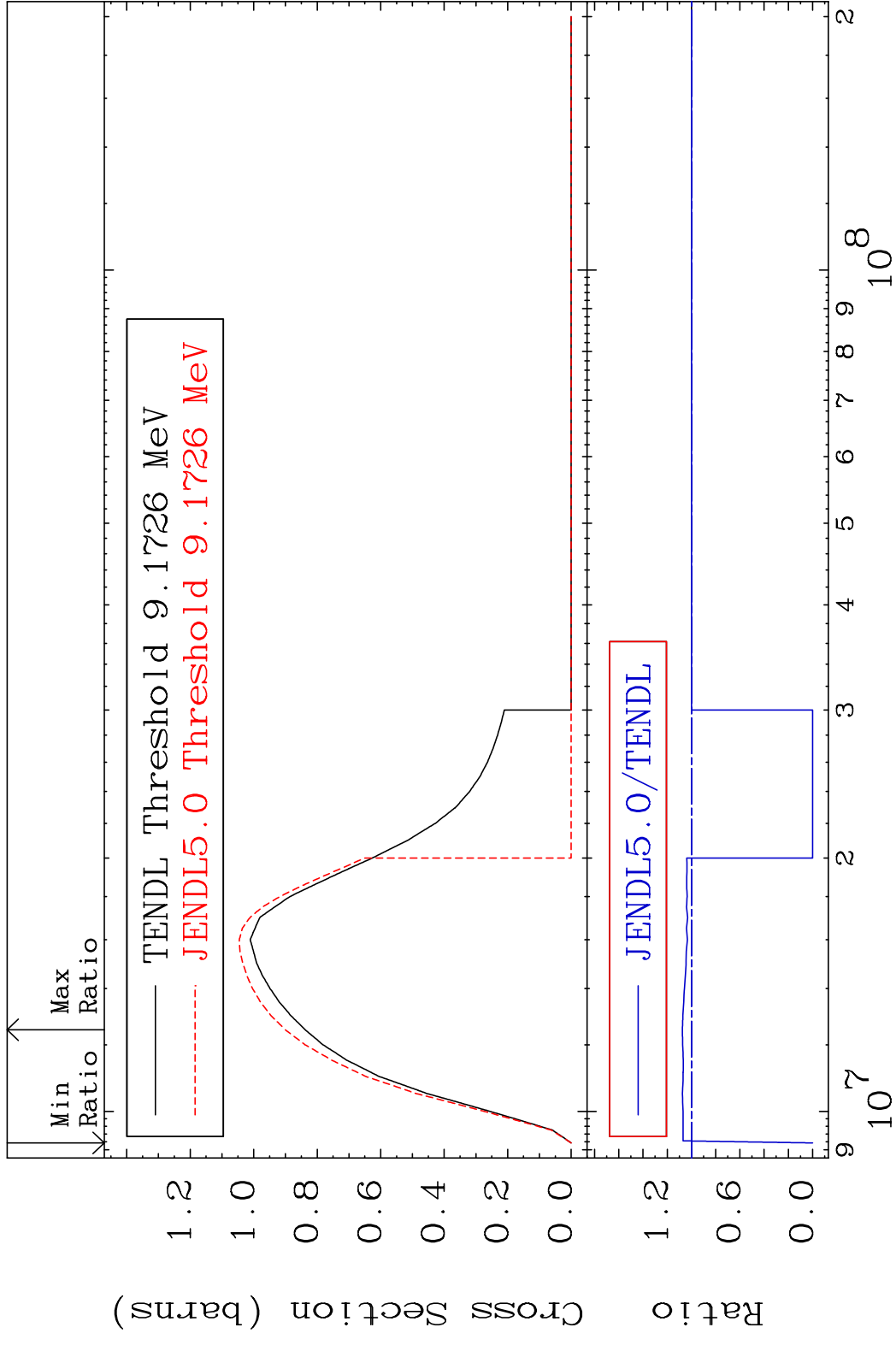
MAT 3049 Dpa disappearance (mt102 -120) 30-Zn-72
 Cross Section -100.0 To 219.5 %



MAT 3049 (n,2n):30-Zn-71g 30-Zn-72
 Radionuclide Production Cross Section 180.01 dth 45.52 %

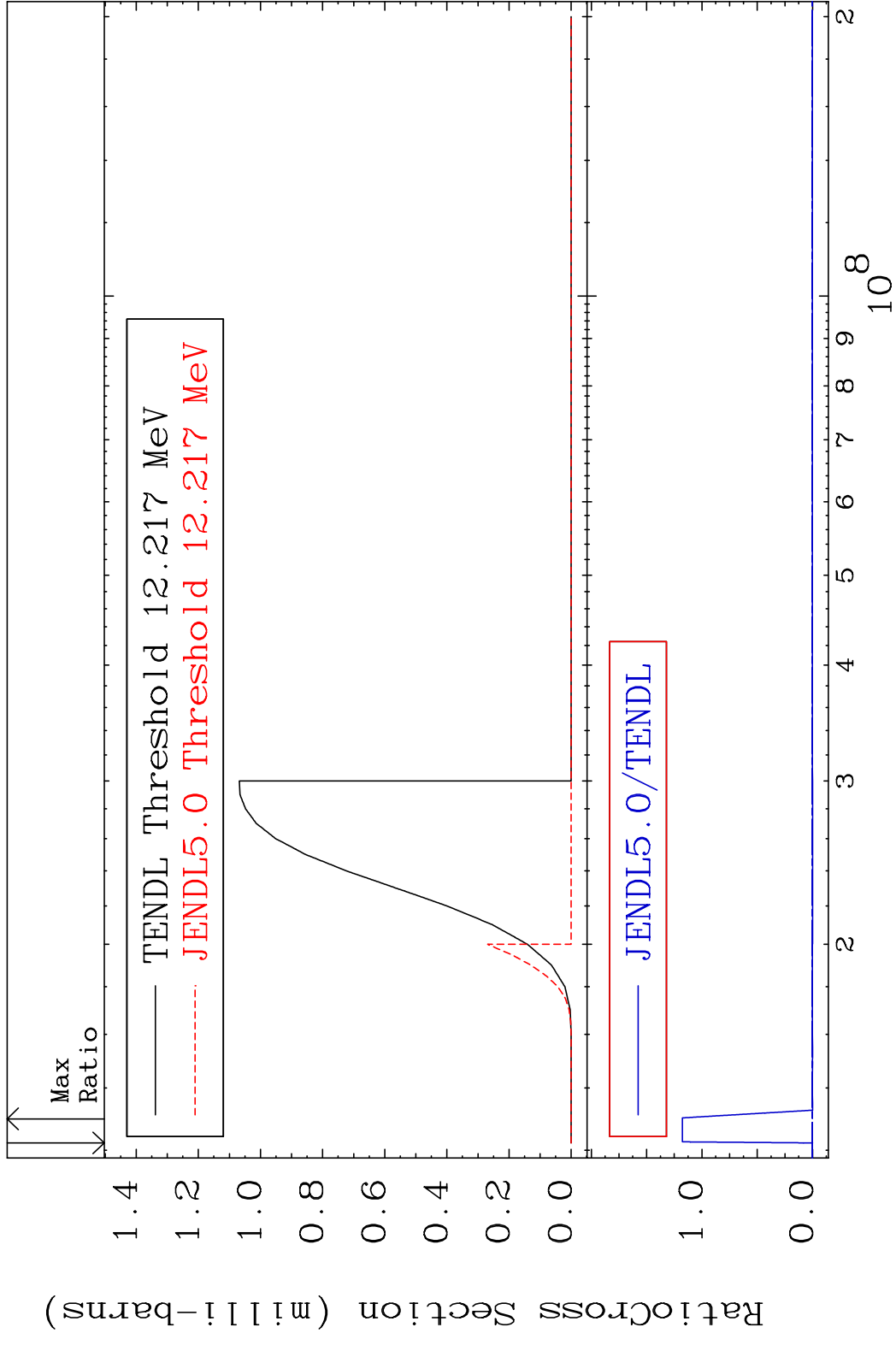


MAT 3049 (n,2n):30-Zn-71m1 30-Zn-72
 Radionuclide Production Cross Section 180.01 dth 7.513 %

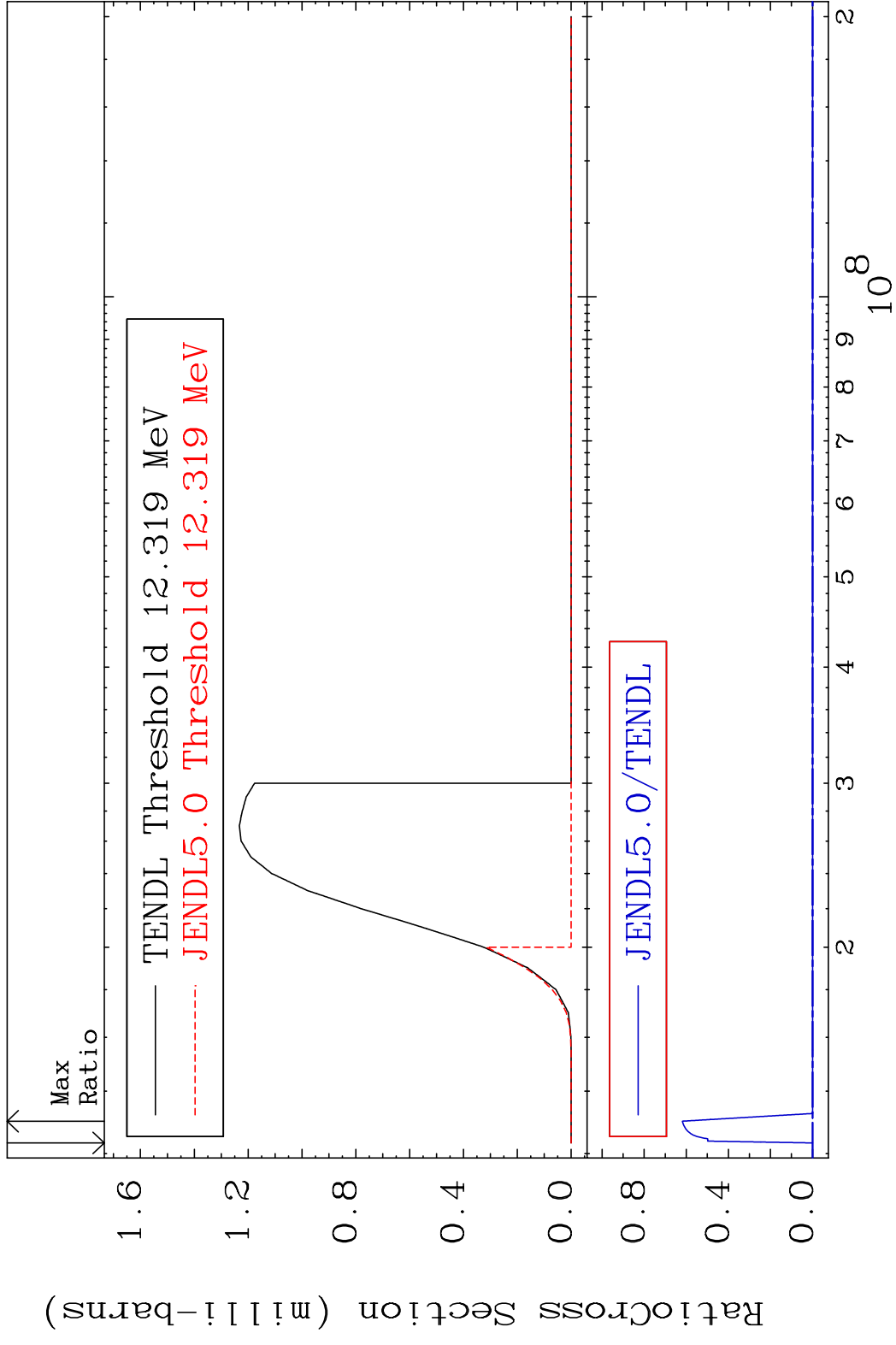


59 Incident Energy (eV) 30-Zn-72

MAT 3049 (n, t):29-Cu-70g 30-Zn-72
 Radionuclide Production Cross Section Ratio



MAT 3049 (n,t):29-Cu-70m1 30-Zn-72
 Radionuclide Production Cross Section Ratio 9999. %



MAT 3049 (n, t):29-Cu-70m3 30-Zn-72
 Radionuclide Production Cross Section 180.0 dno 1478. %

