

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

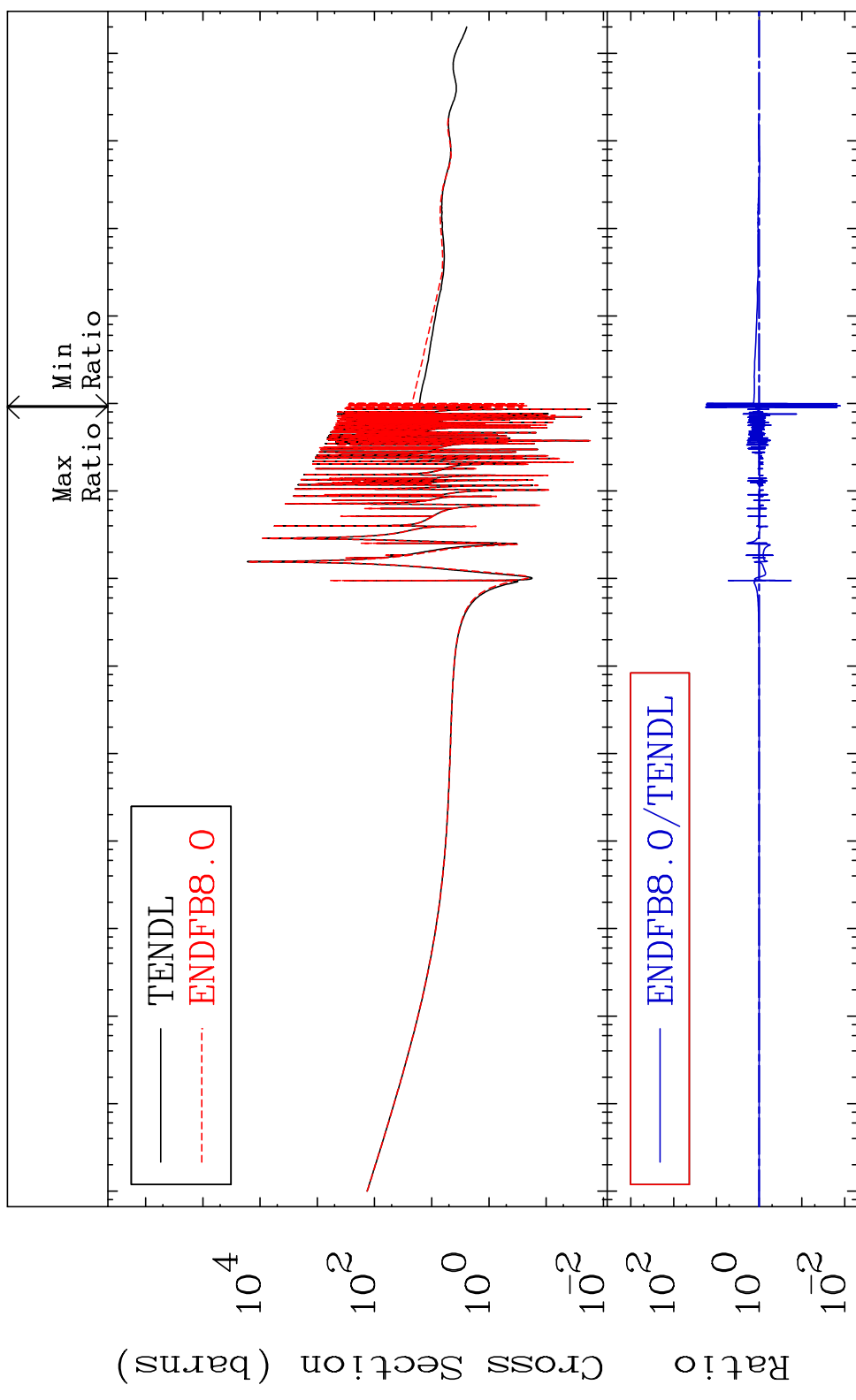
MAT 6043

Total

60-Nd-148

Cross Section

-98.75 To 1673. %



1

Incident Energy (eV)

60-Nd-148

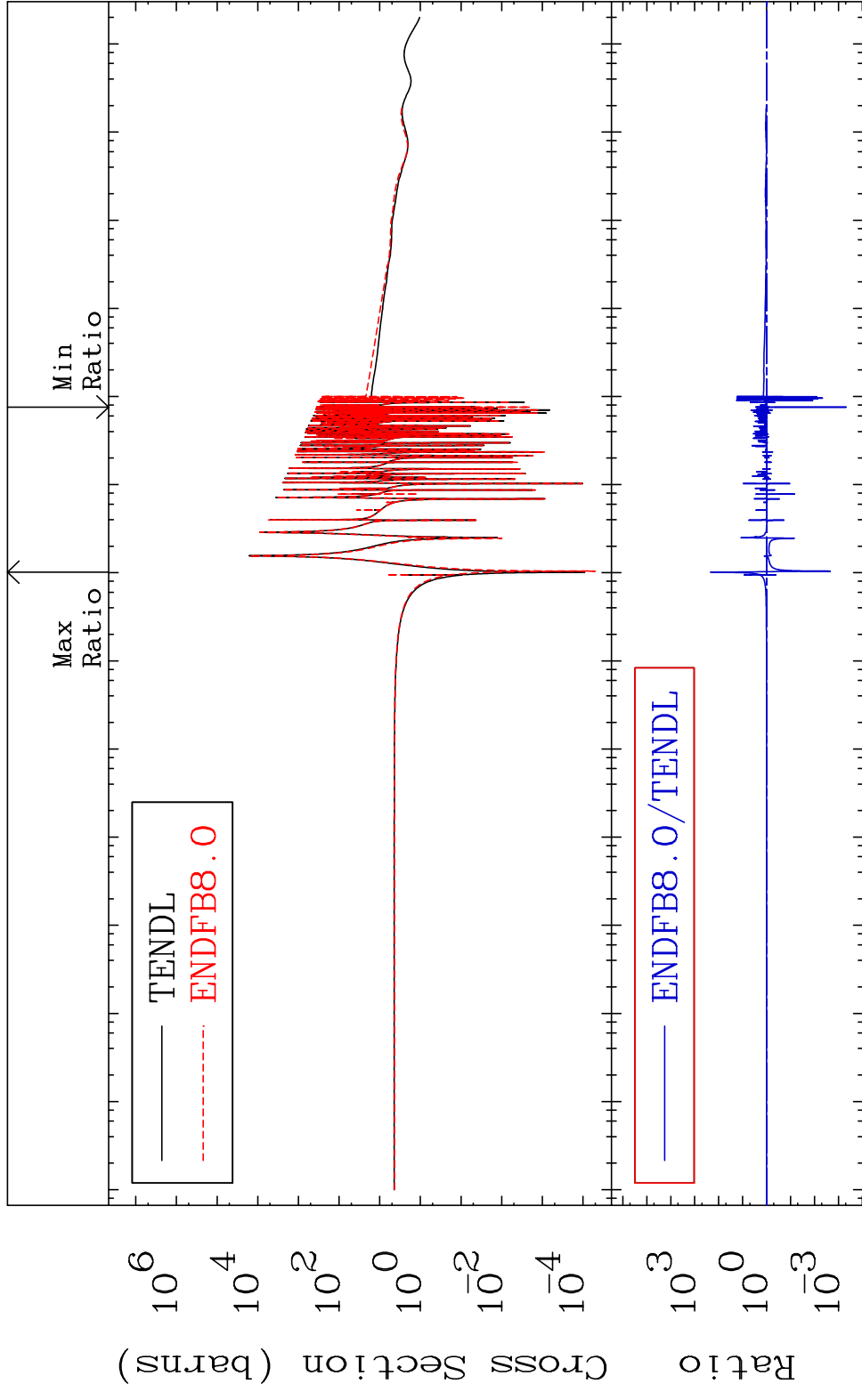
MAT 6043

Elastic

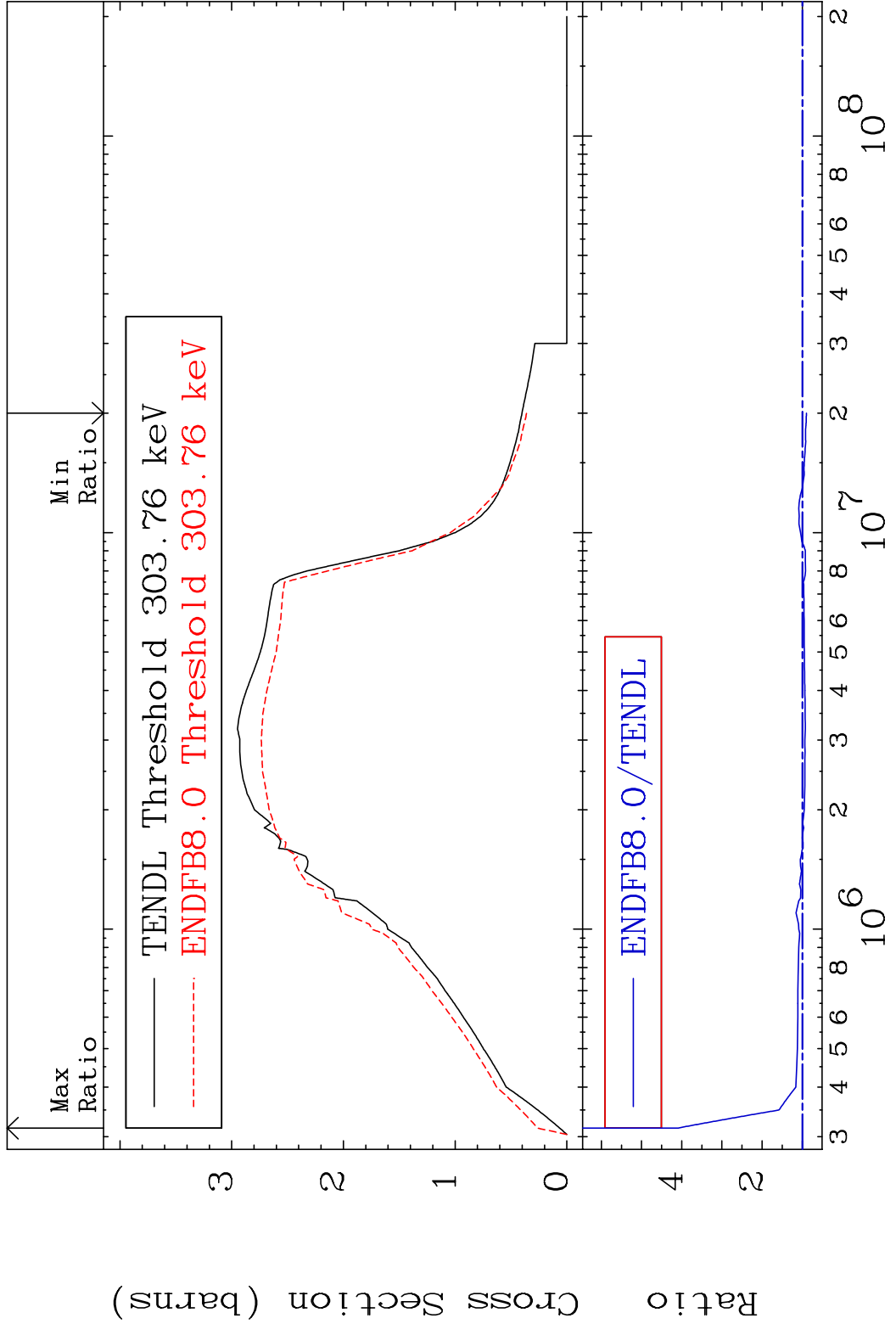
60-Nd-148

Cross Section

-99.95 To 9999. %

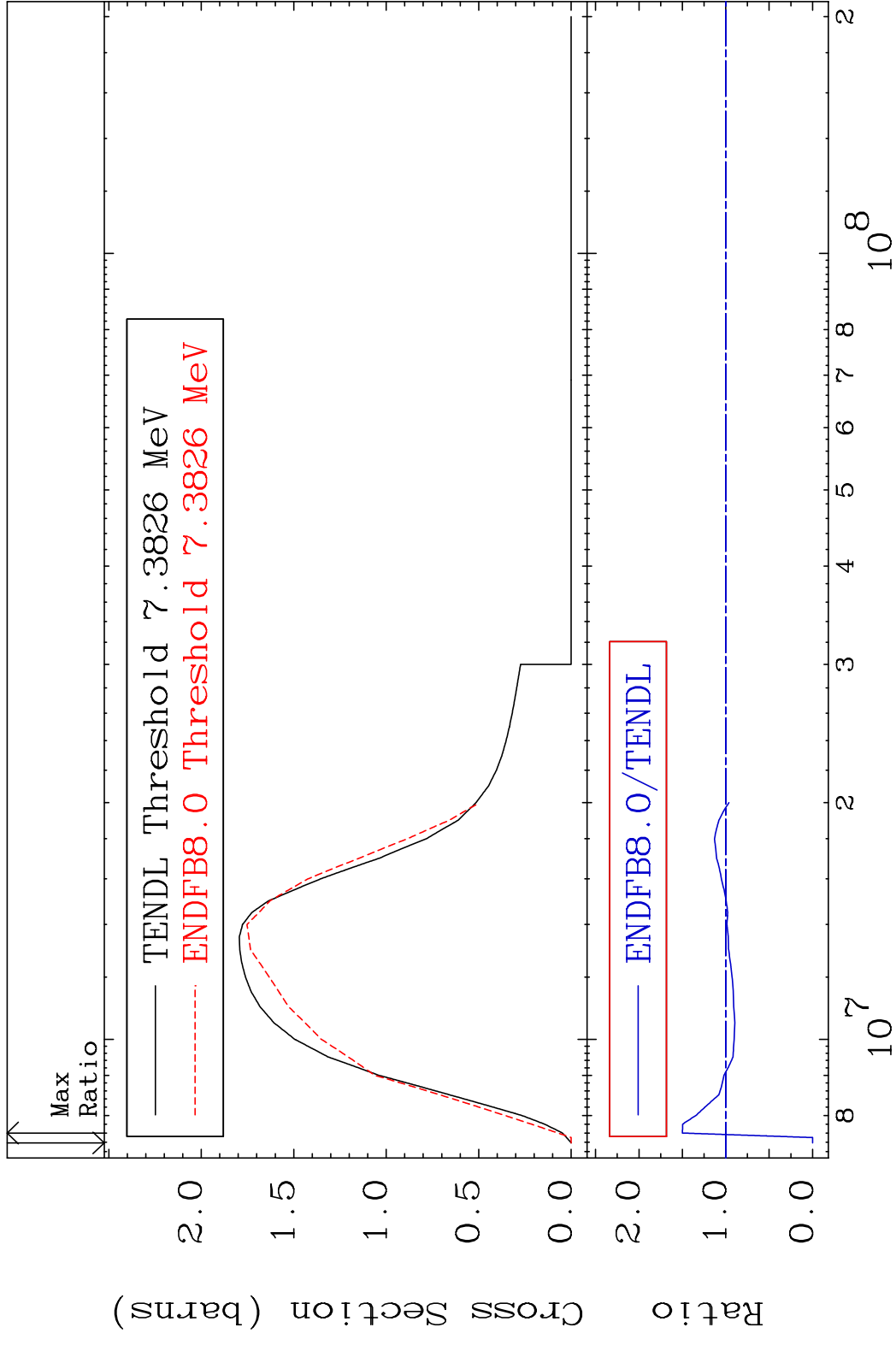


MAT 6043 Inelastic Cross Section -10.24 To 311.3 % 60-Nd-148



3 3 Incident Energy (eV) 60-Nd-148

MAT 6043 (n,2n) 60-Nd-148
 Cross Section -100.0 To 50.00 %



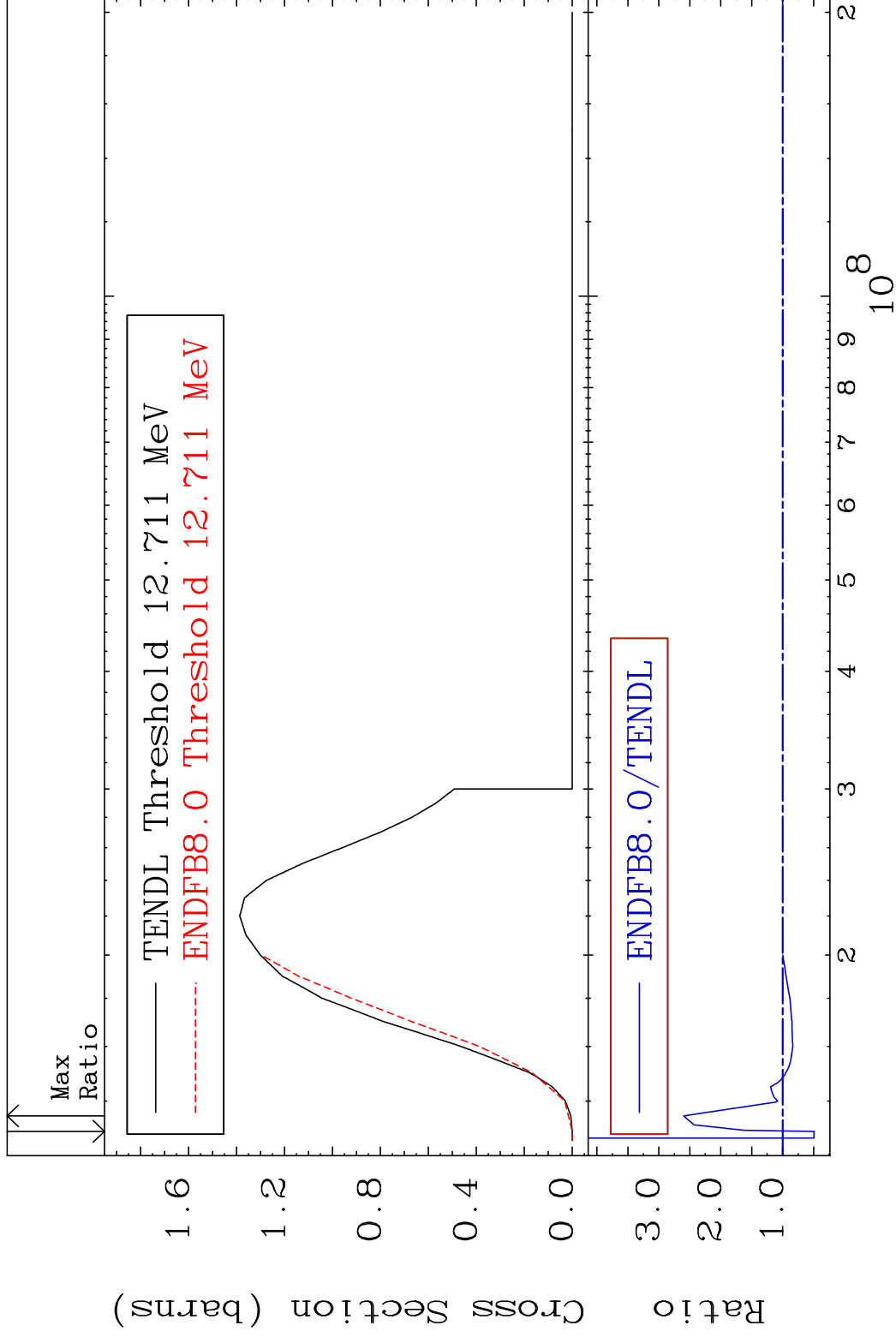
4 Incident Energy (eV) 60-Nd-148

MAT 6043

(n,3n)

60-Nd-148

Cross Section -50.75 To 159.9 %



5

Incident Energy (eV)

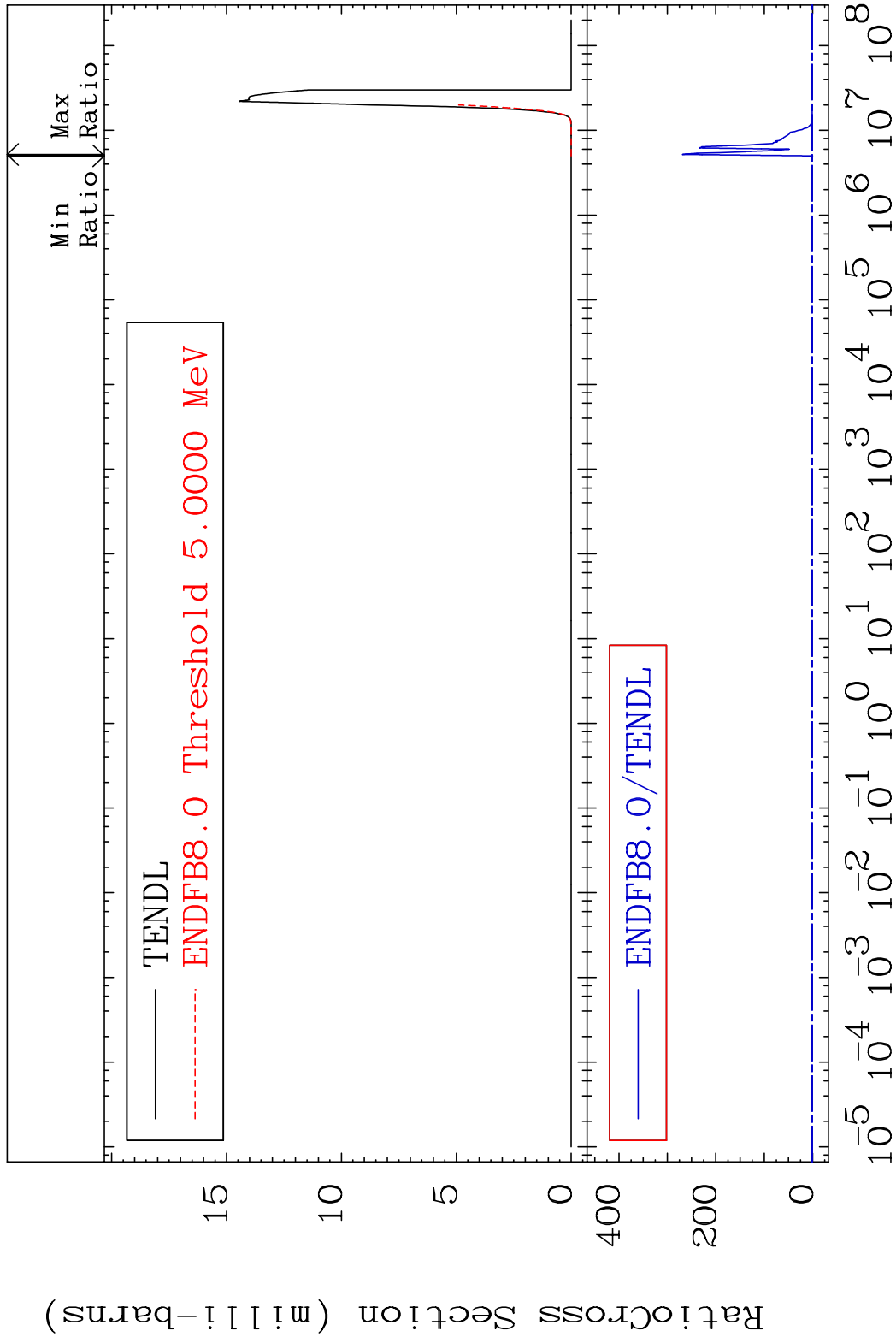
60-Nd-148

MAT 6043

(n, n') α

60-Nd-148

Cross Section -100.0 To 9999. %

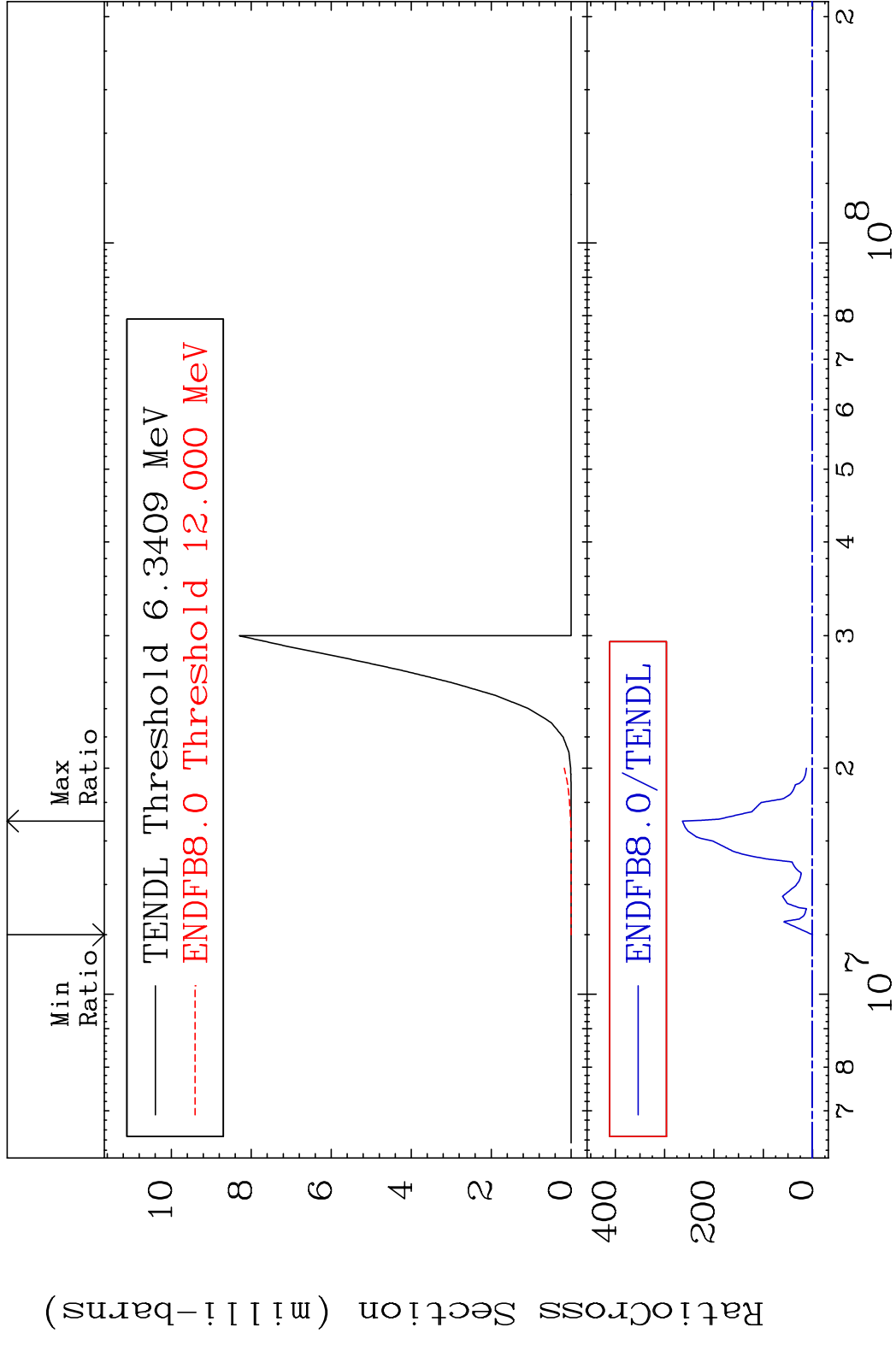


MAT 6043

(n,2n) α

60-Nd-148

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

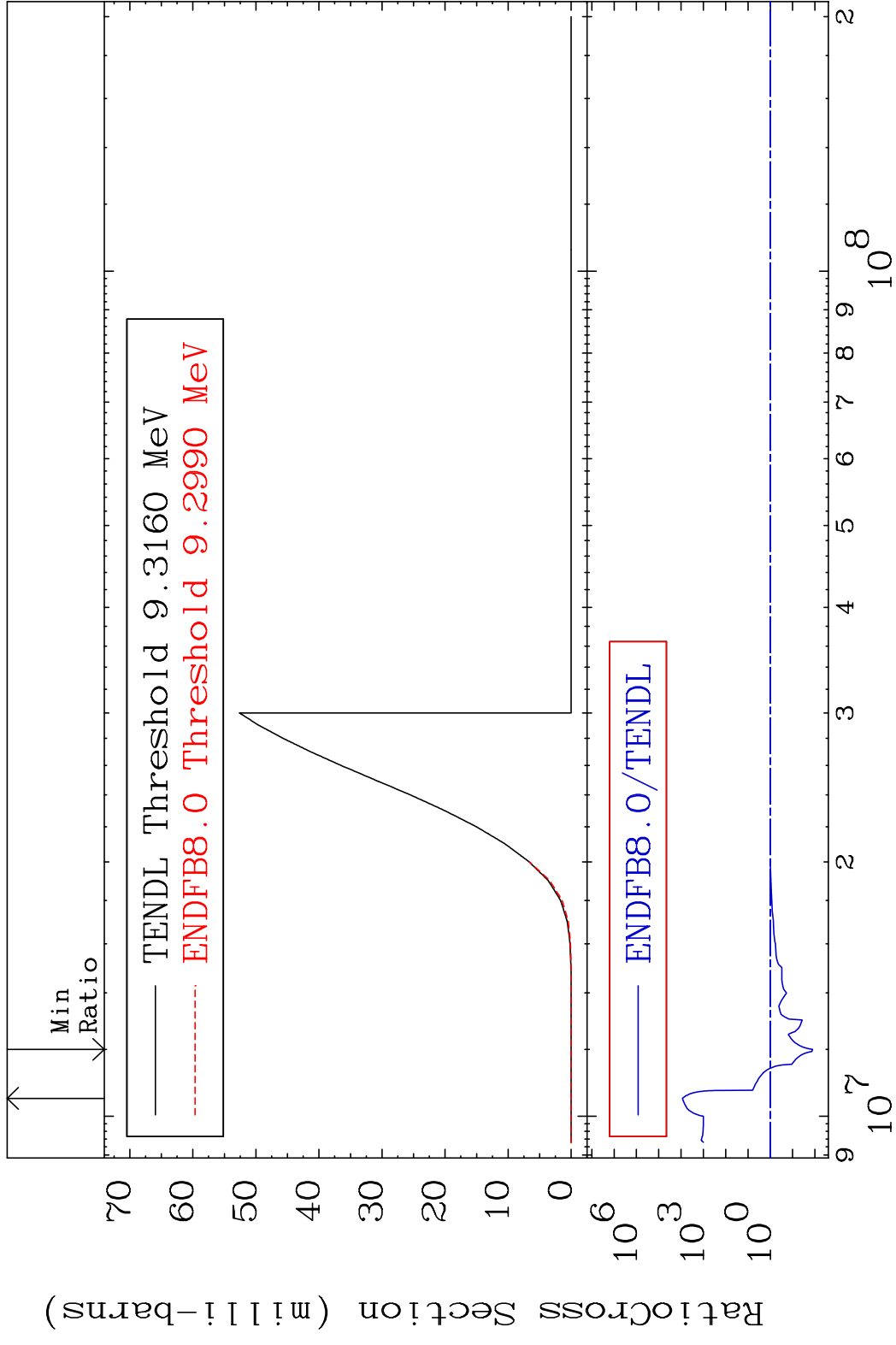
60-Nd-148

MAT 6043

(n, n') p

60-Nd-148

Cross Section -98.72 To 9999. %



8

Incident Energy (eV)

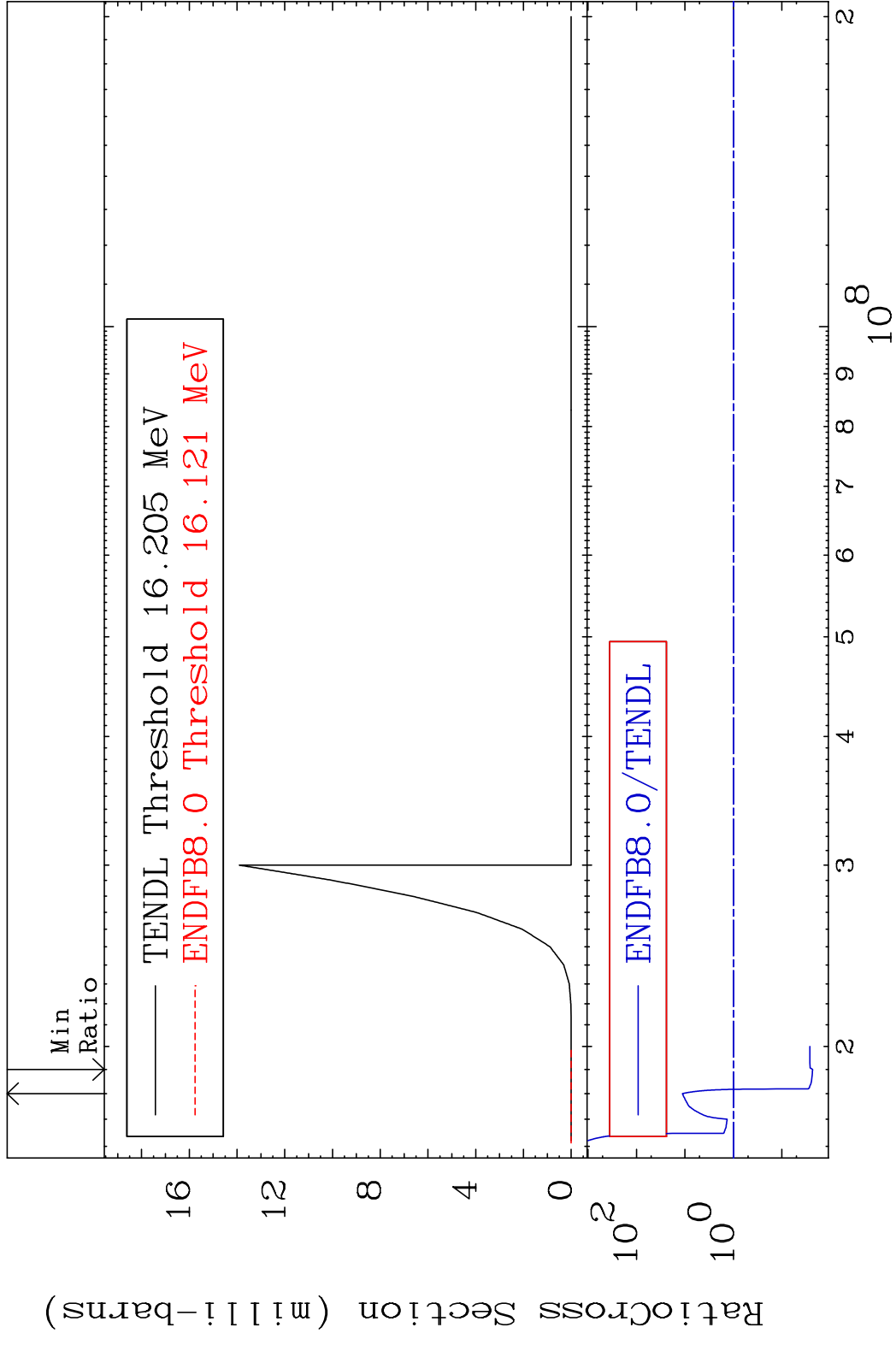
60-Nd-148

MAT 6043

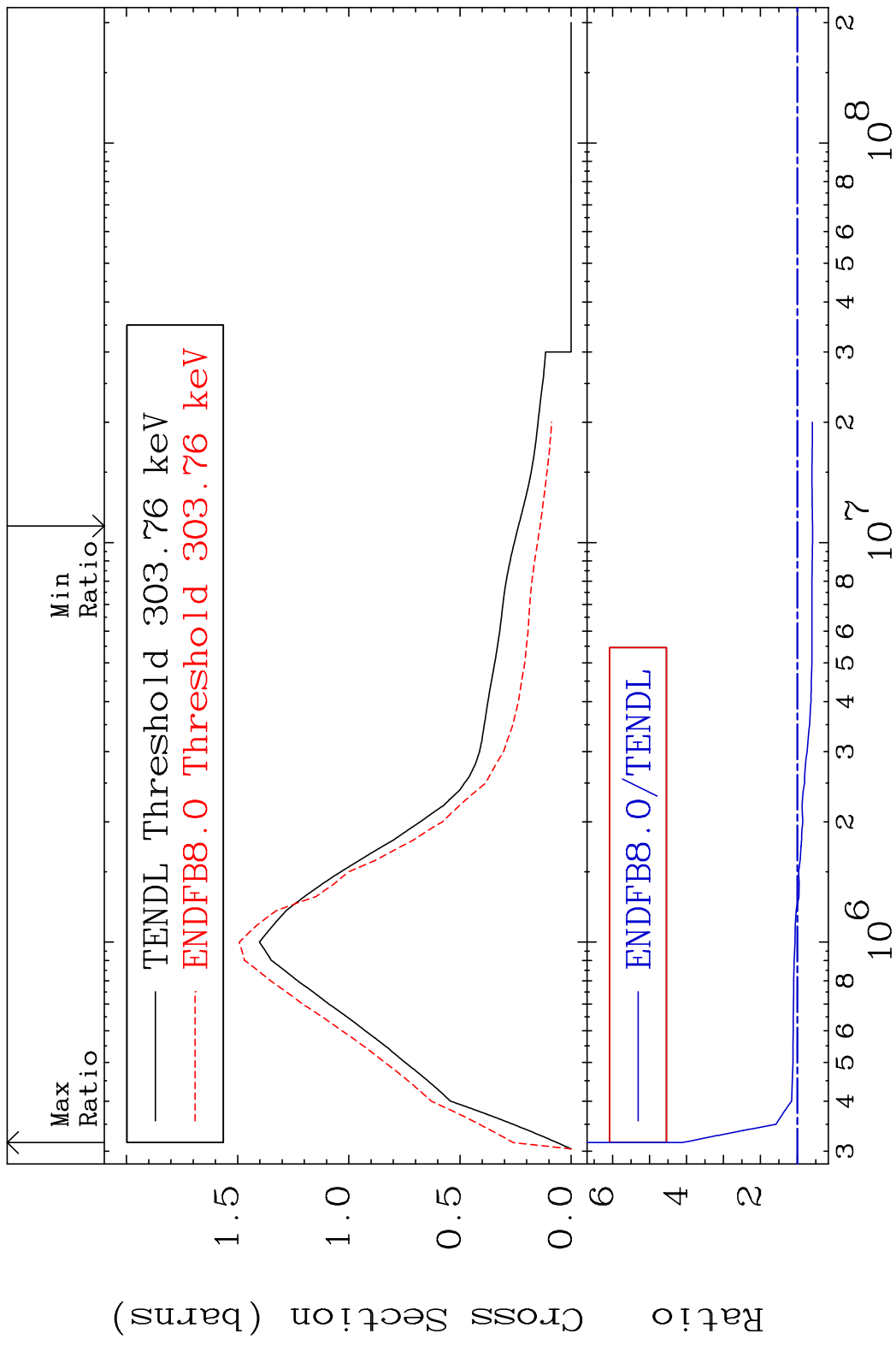
(n,2n) p

60-Nd-148

Cross Section -97.68 To 1031. %

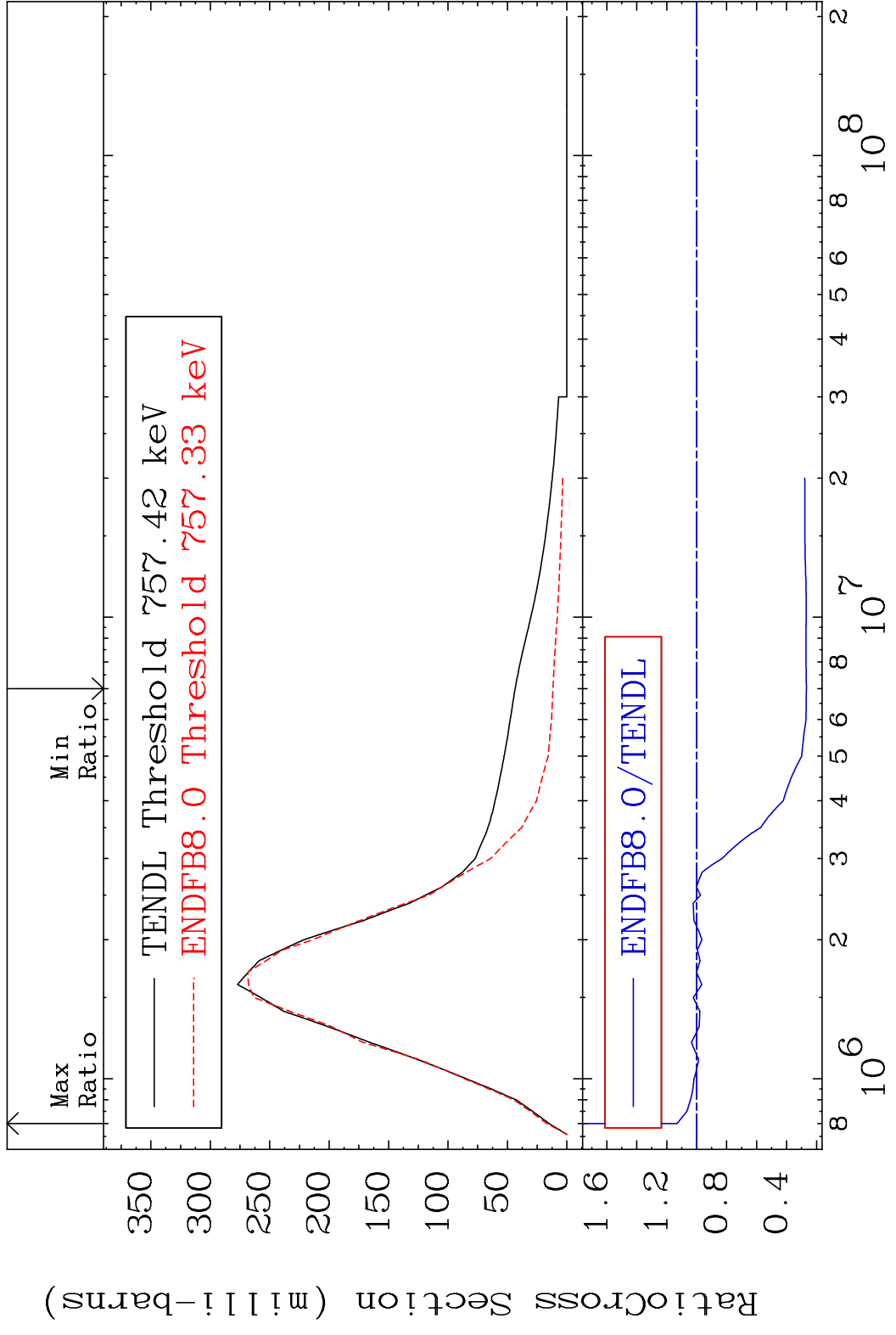


MAT 6043 MT= 51 (n, n') Level 60-Nd-148
 Cross Section -41.04 To 311.3 %



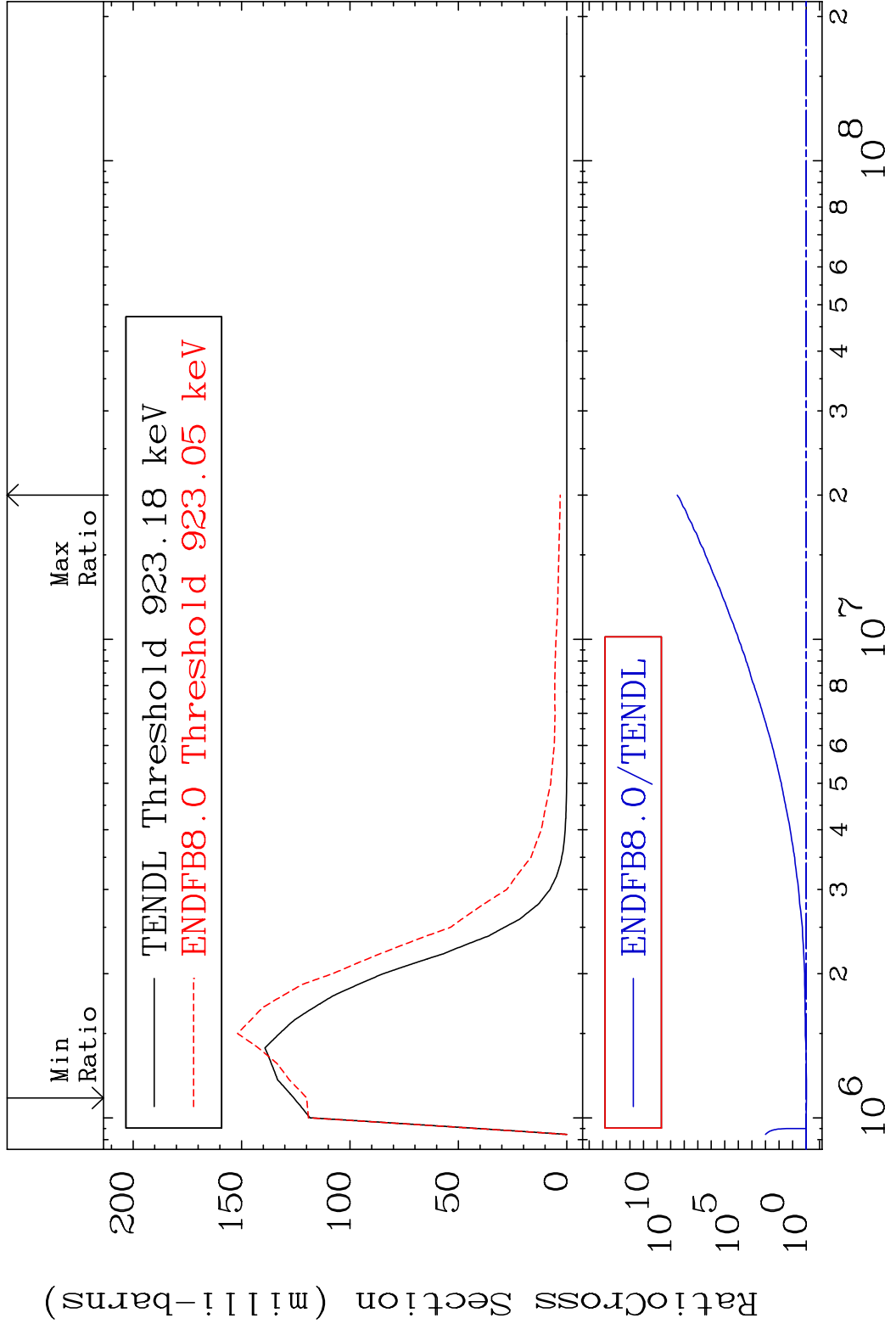
10 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 52 (n,n') Level 60-Nd-148
 Cross Section -73.21 To 13.02 %



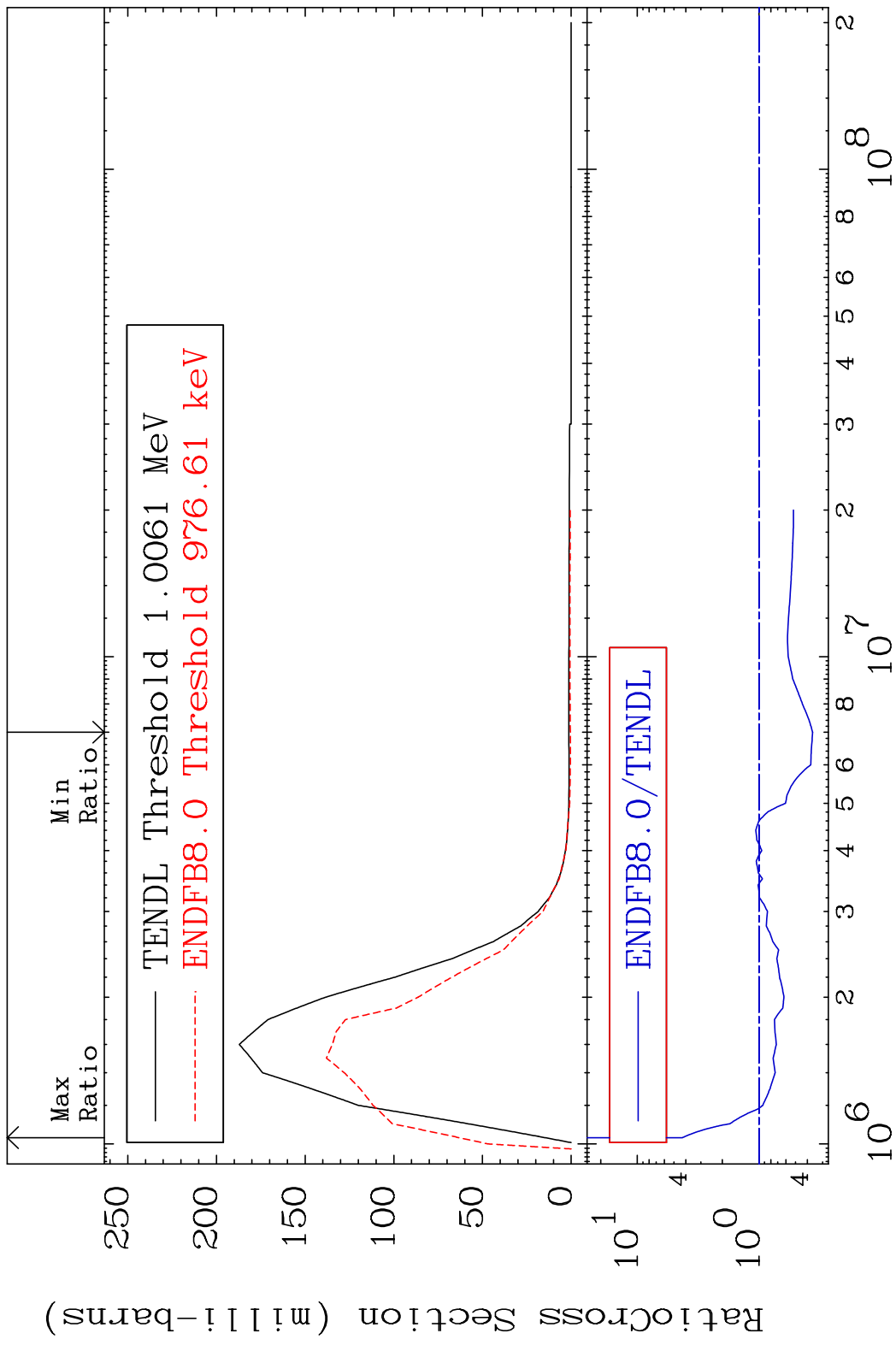
11 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 53 (n, n') Level 60-Nd-148
 Cross Section -4.737 To 9999. %



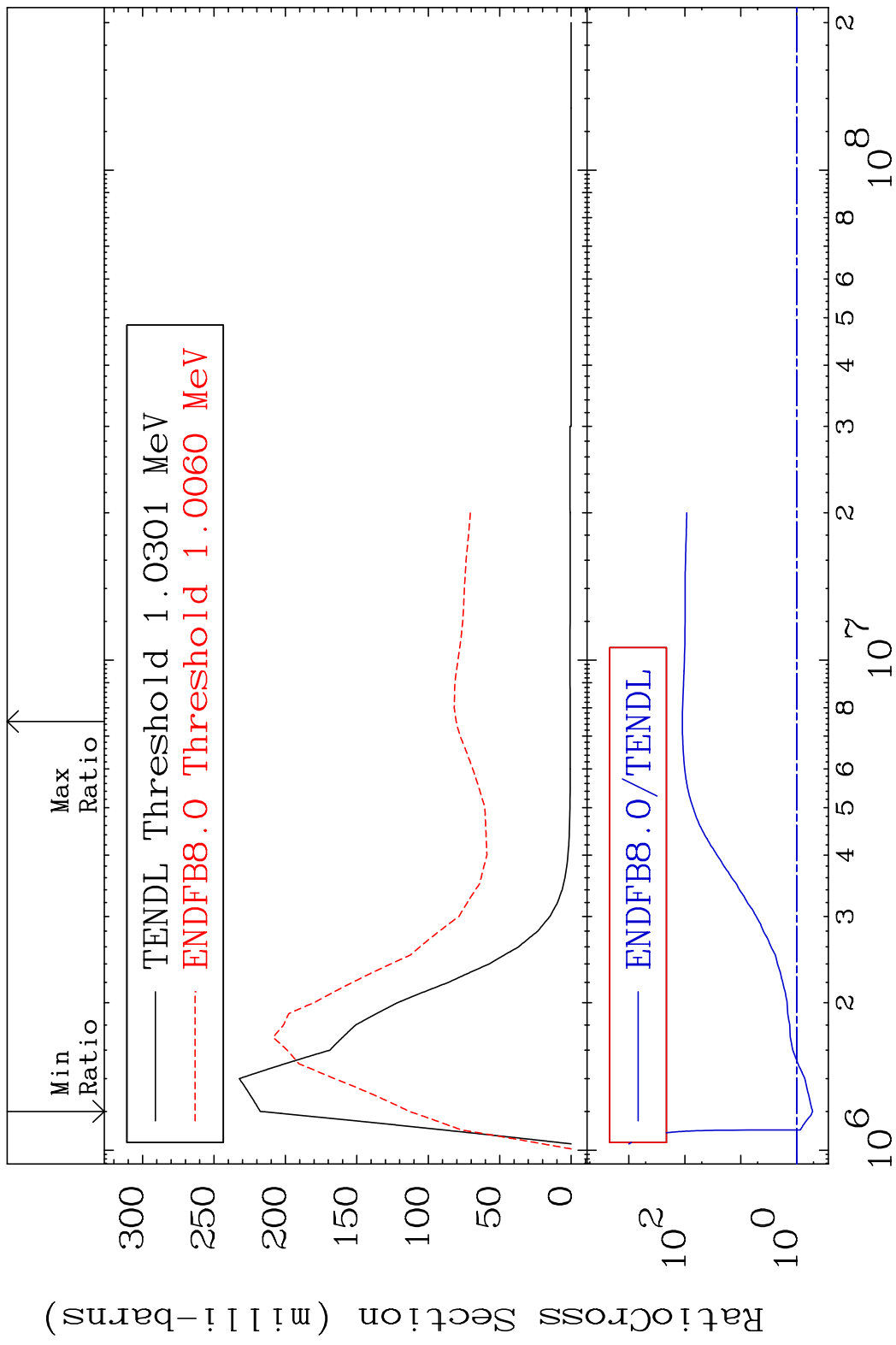
12 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 54 (n, n') Level 60-Nd-148
 Cross Section -63.73 To 326.3 %



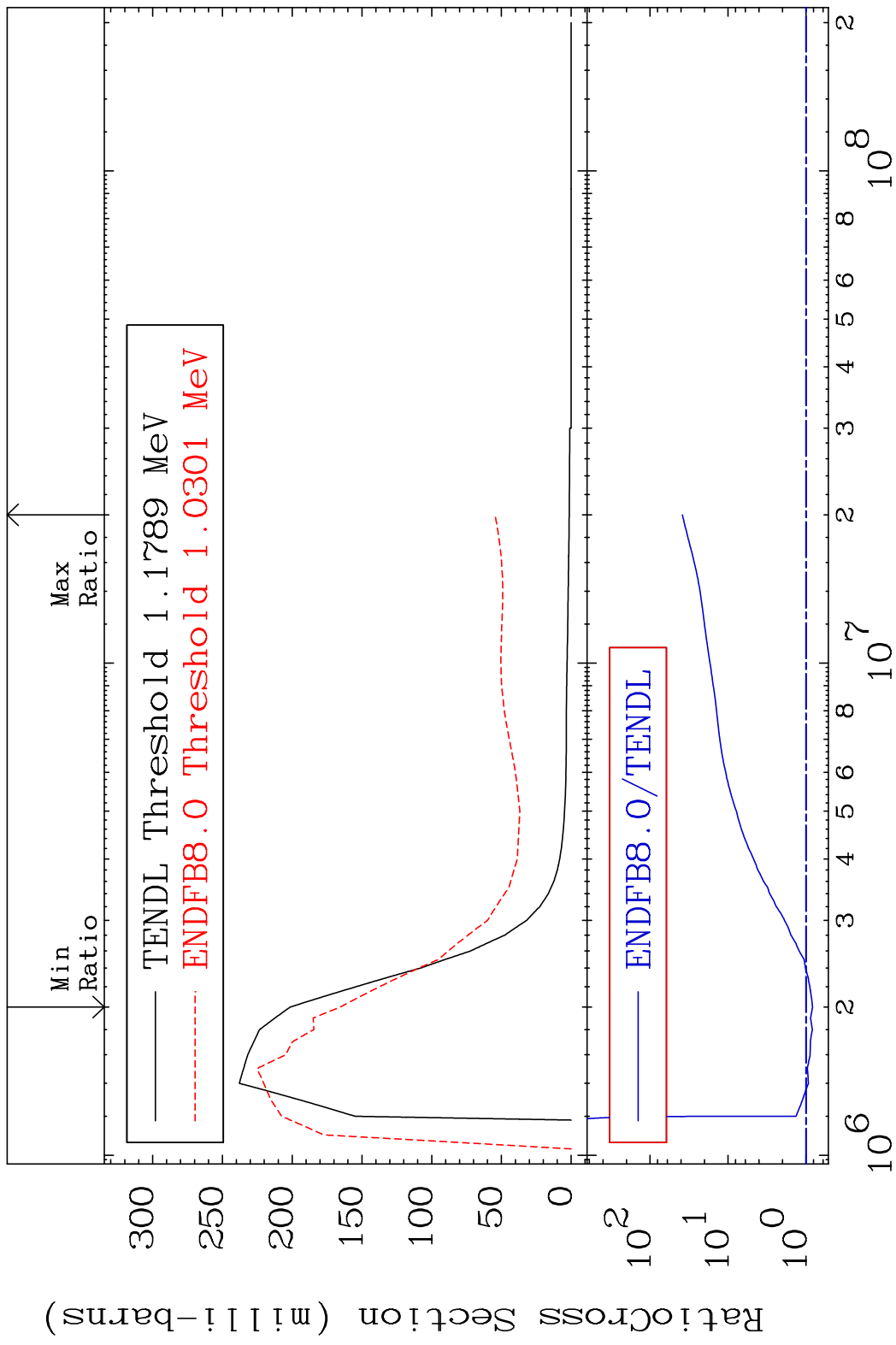
13 Incident Energy (eV) 60-Nd-148

MAT 6043 MT= 55 (n,n') Level 60-Nd-148
 Cross Section -47.94 To 9999. %



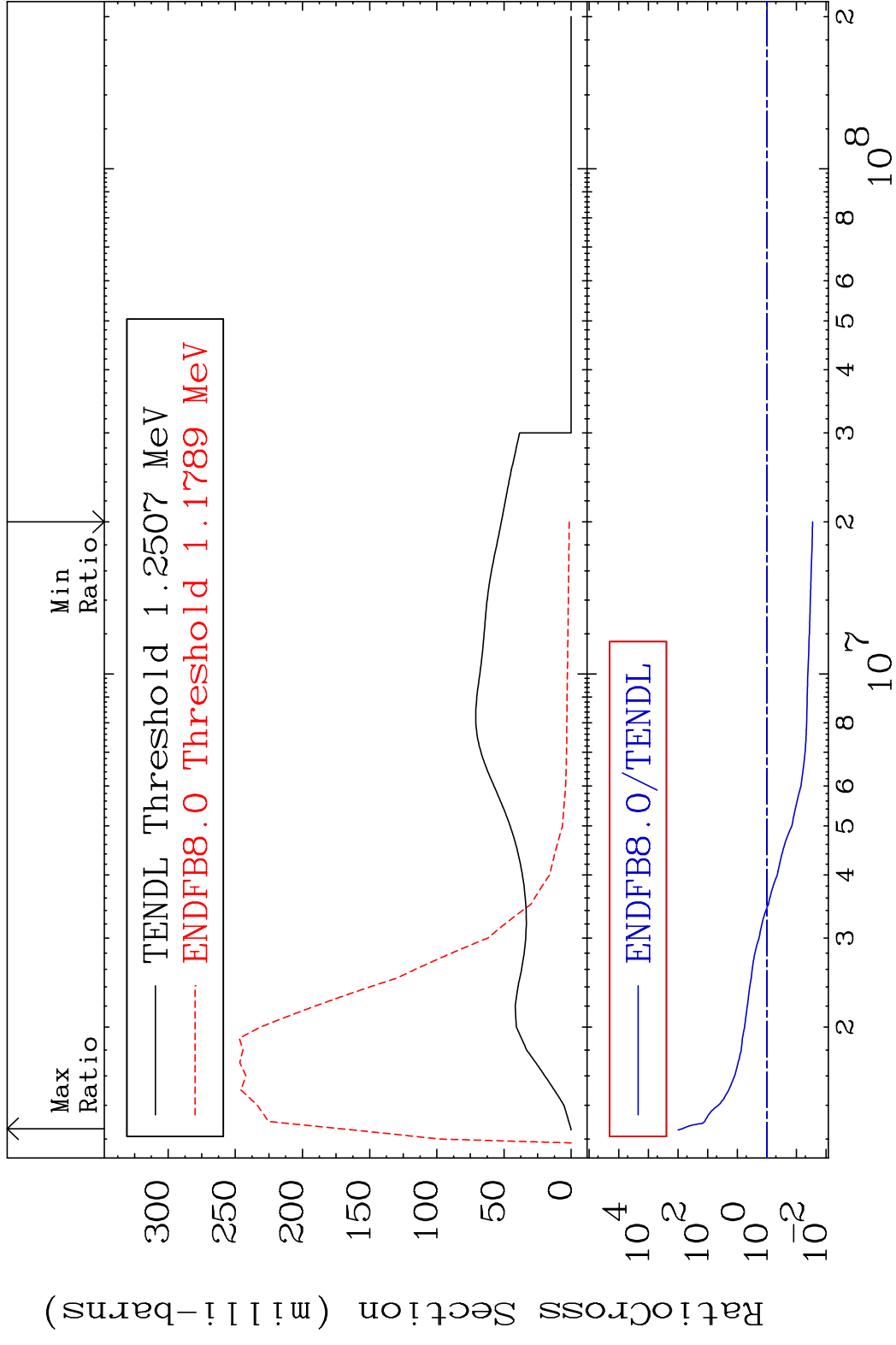
14 60-Nd-148

MAT 6043 MT= 56 (n, n') Level 60-Nd-148
 Cross Section -17.83 To 3747. %

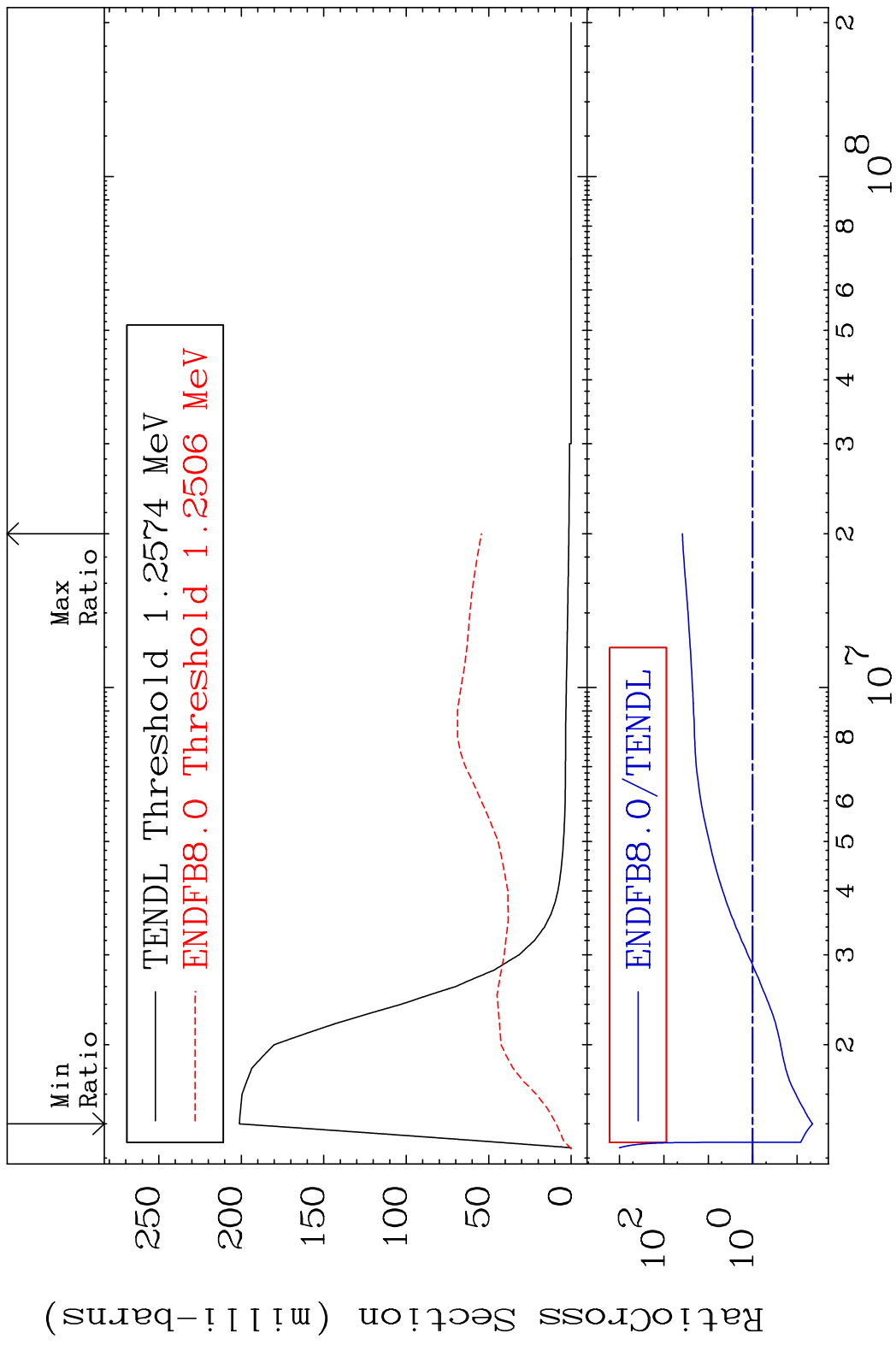


15 Incident Energy (eV) 60-Nd-148

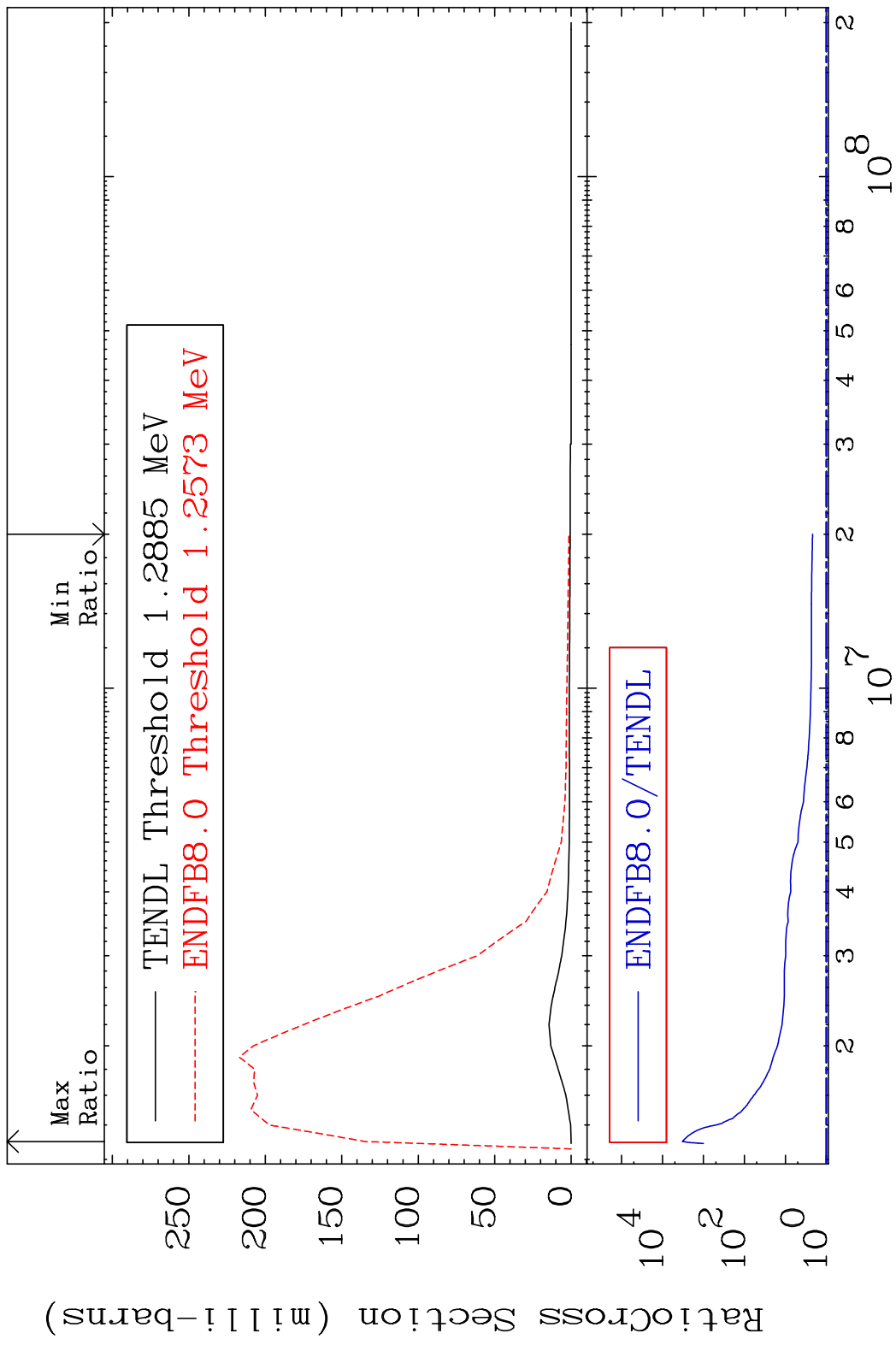
MAT 6043 MT= 57 (n, n') Level 60-Nd-148
 Cross Section -97.13 To 9999. %



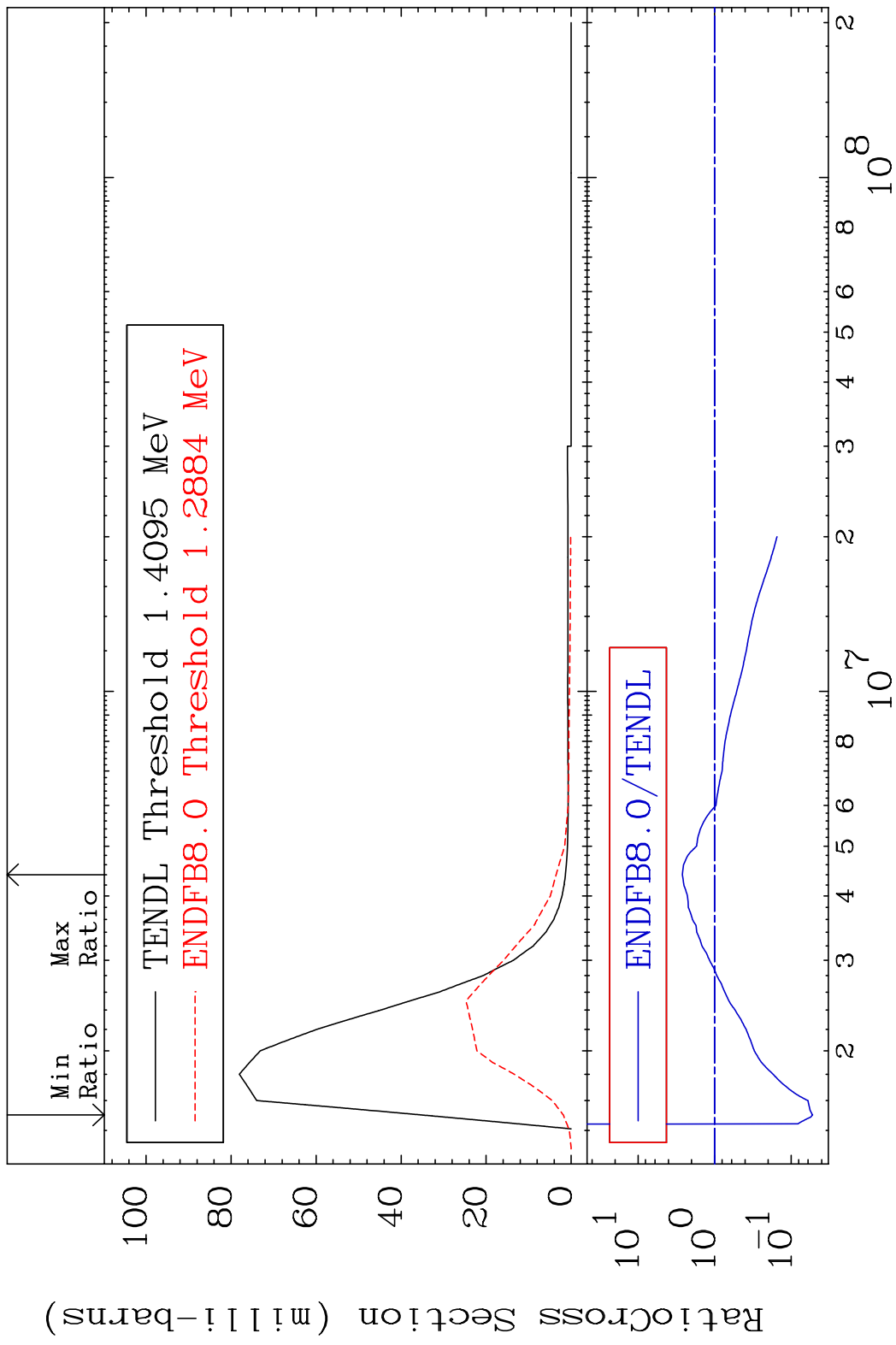
MAT 6043 MT= 58 (n, n') Level 60-Nd-148
 Cross Section -95.51 To 3746. %



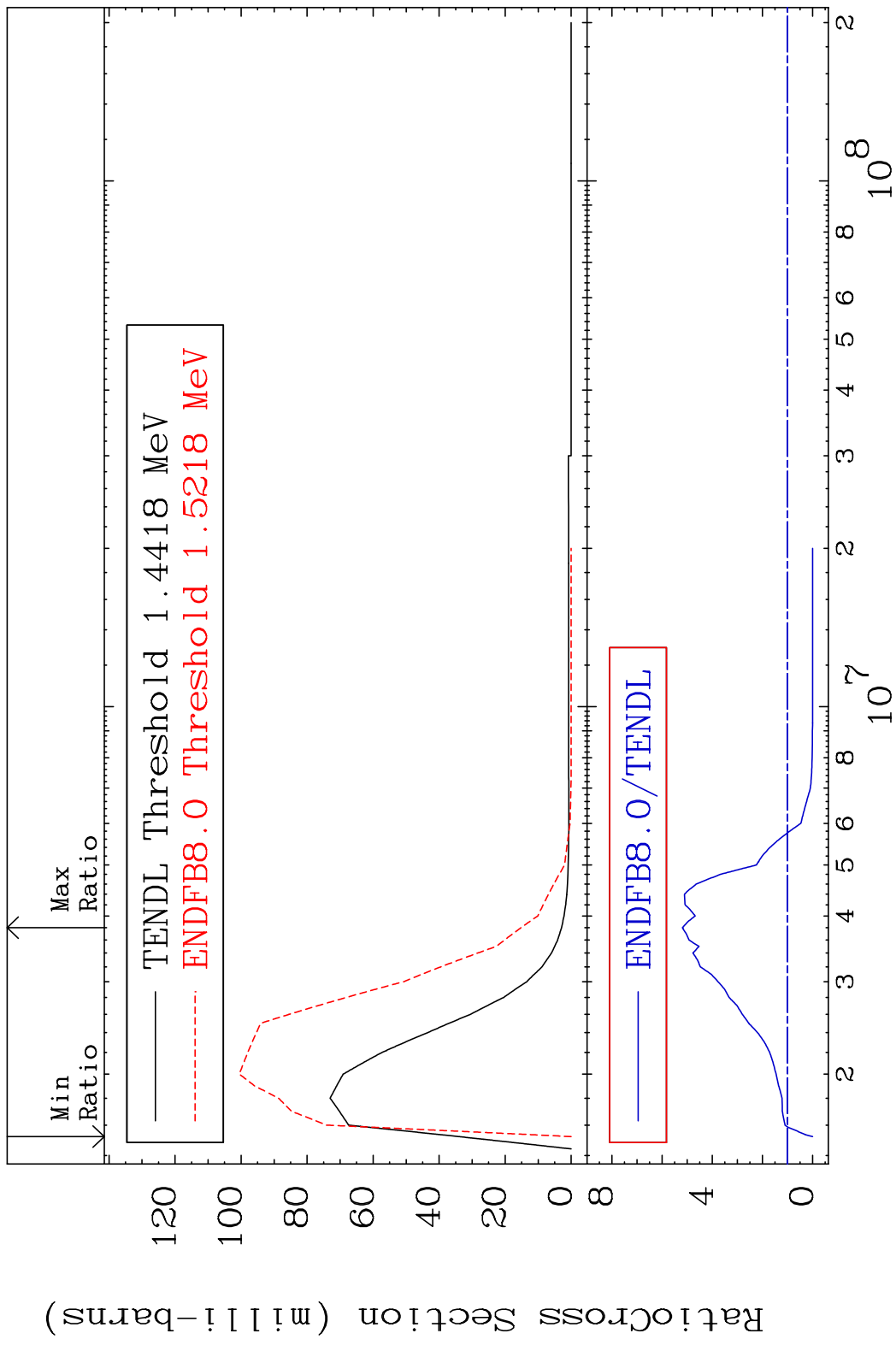
MAT 6043 MT= 59 (n, n') Level 60-Nd-148
 Cross Section 117.6 To 9999. %



MAT 6043 MT= 60 (n,n') Level 60-Nd-148
 Cross Section -94.74 To 164.0 %

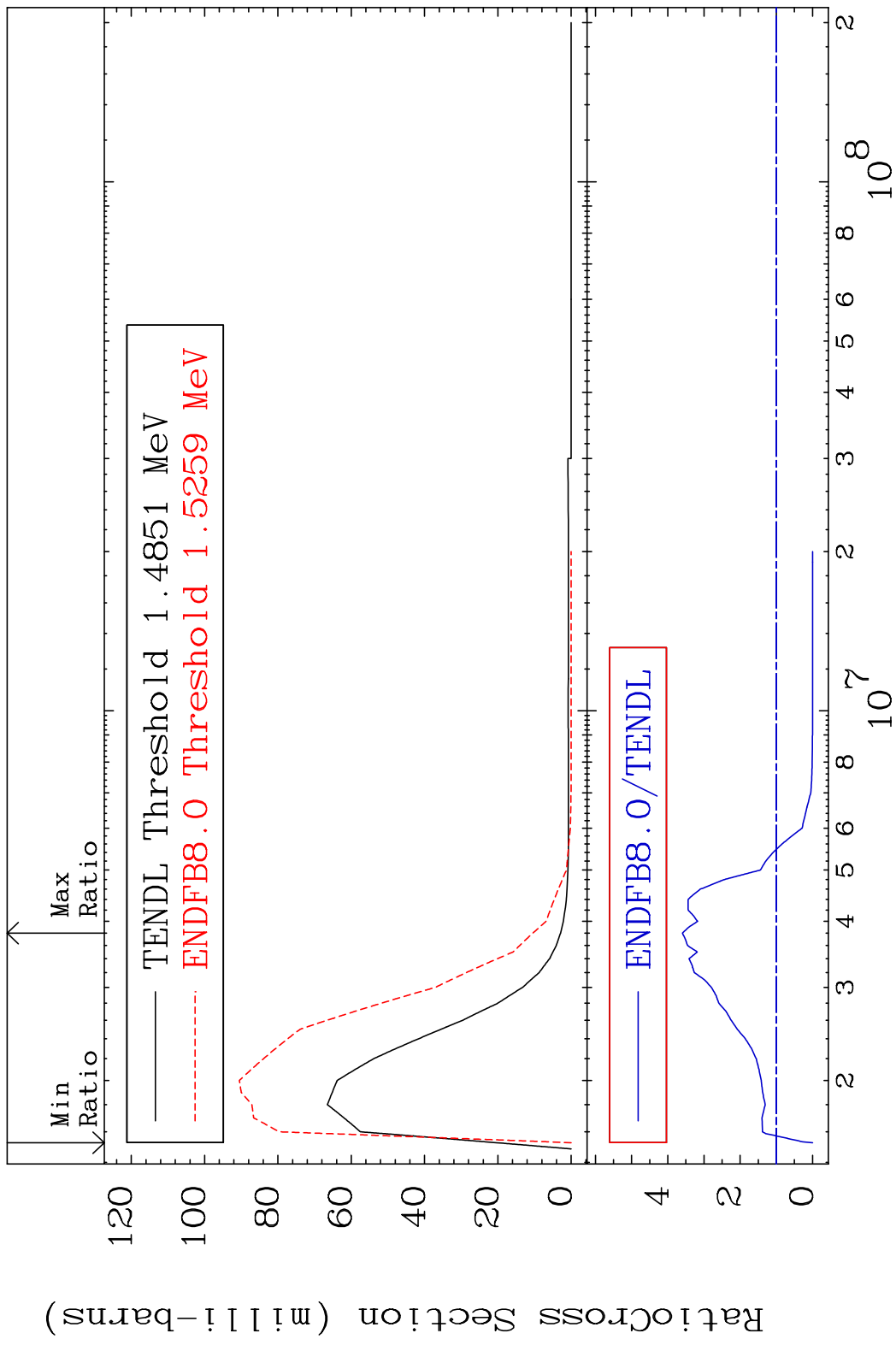


MAT 6043 MT= 61 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 419.4 %

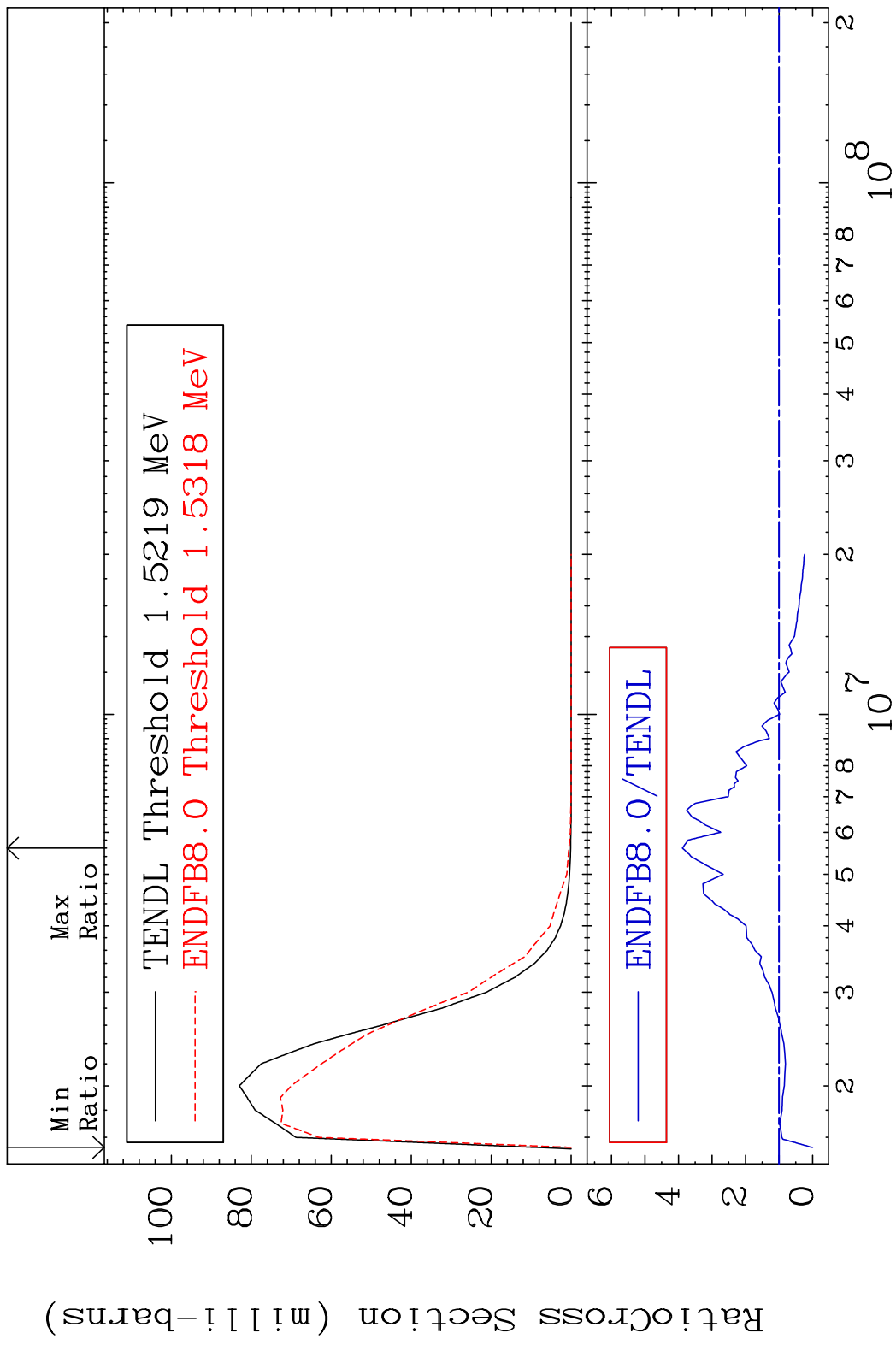


20 Incident Energy (eV) 60-Nd-148

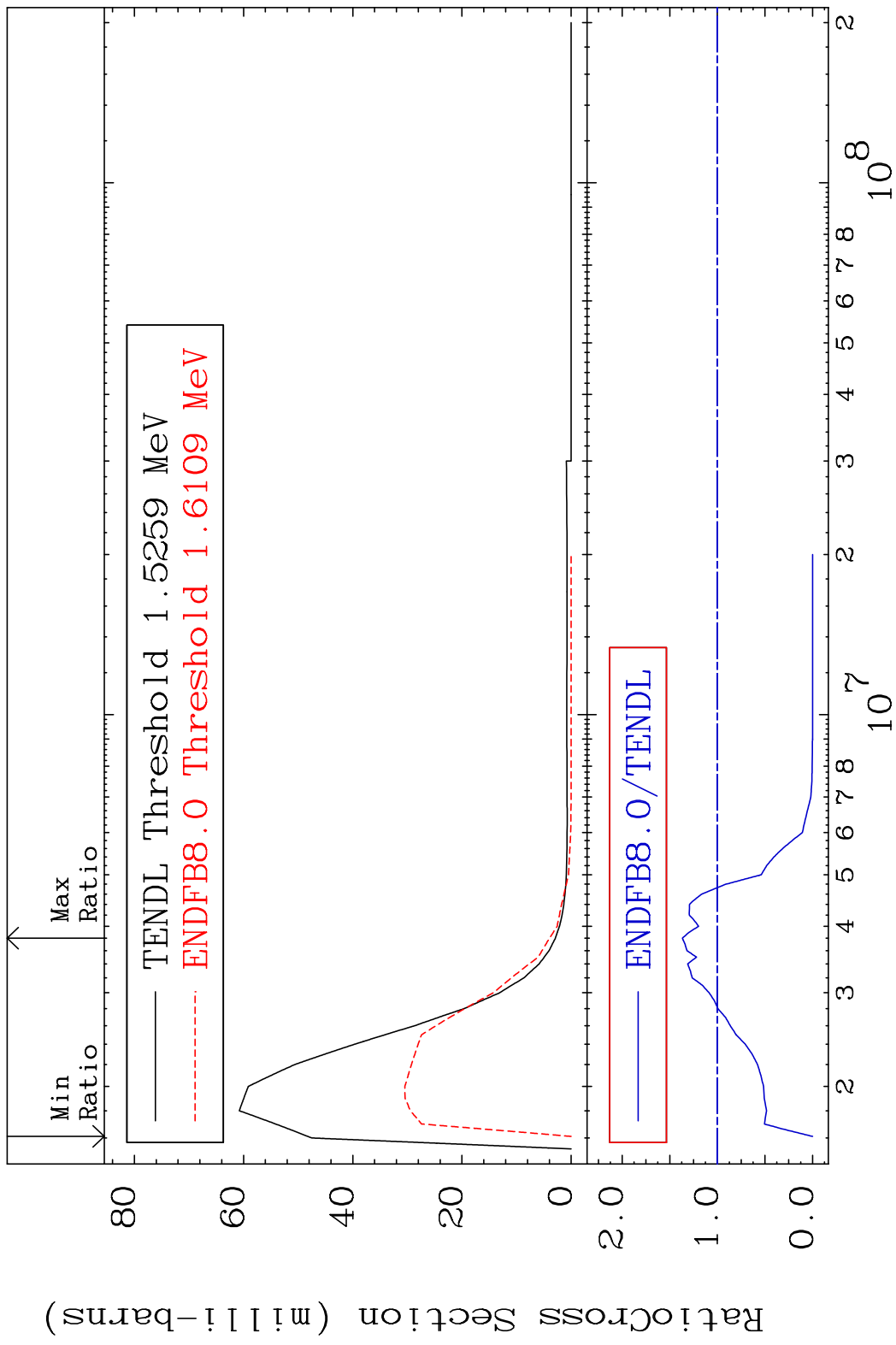
MAT 6043 MT= 62 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 259.8 %



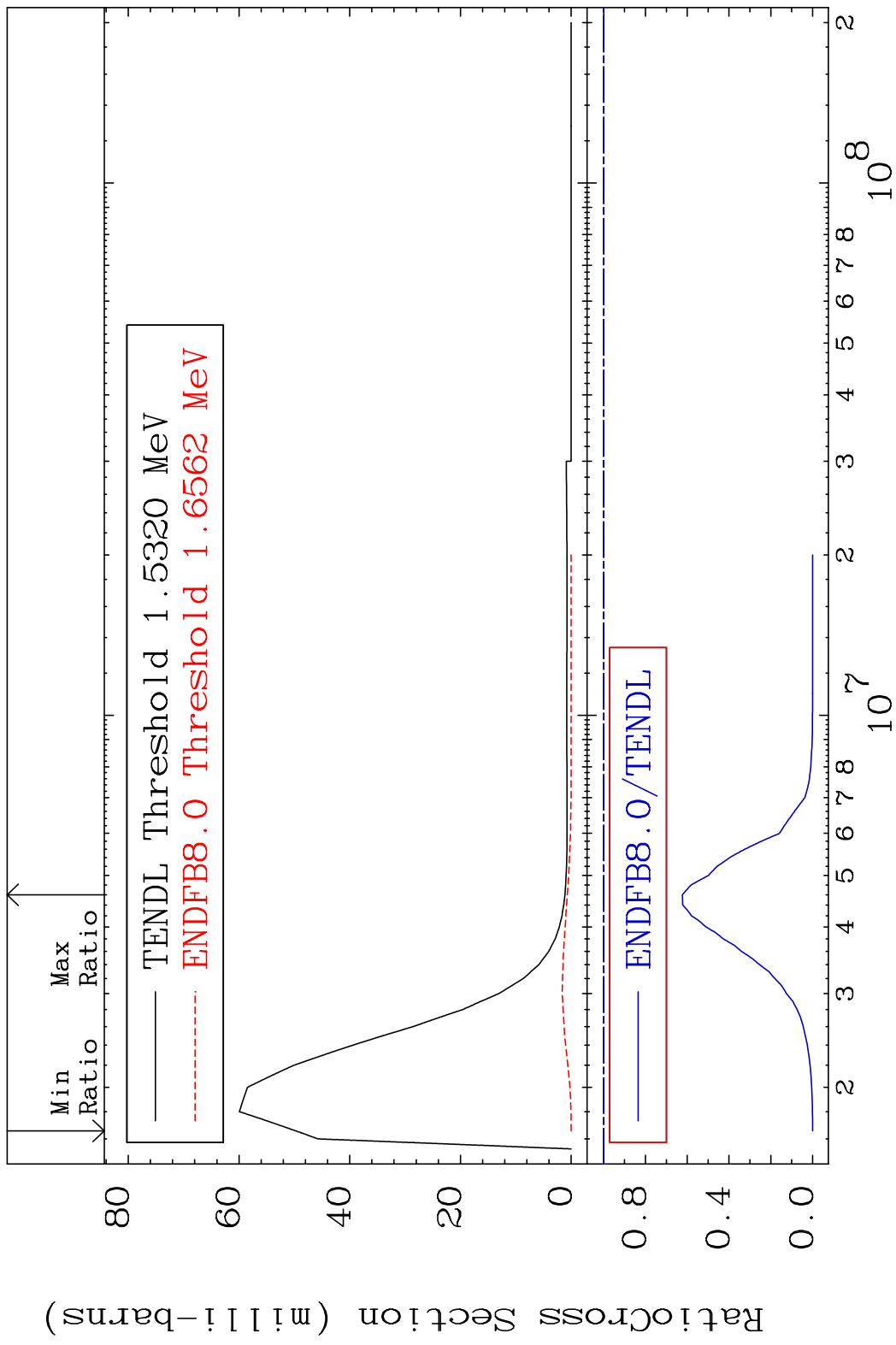
MAT 6043 MT= 63 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 288.4 %



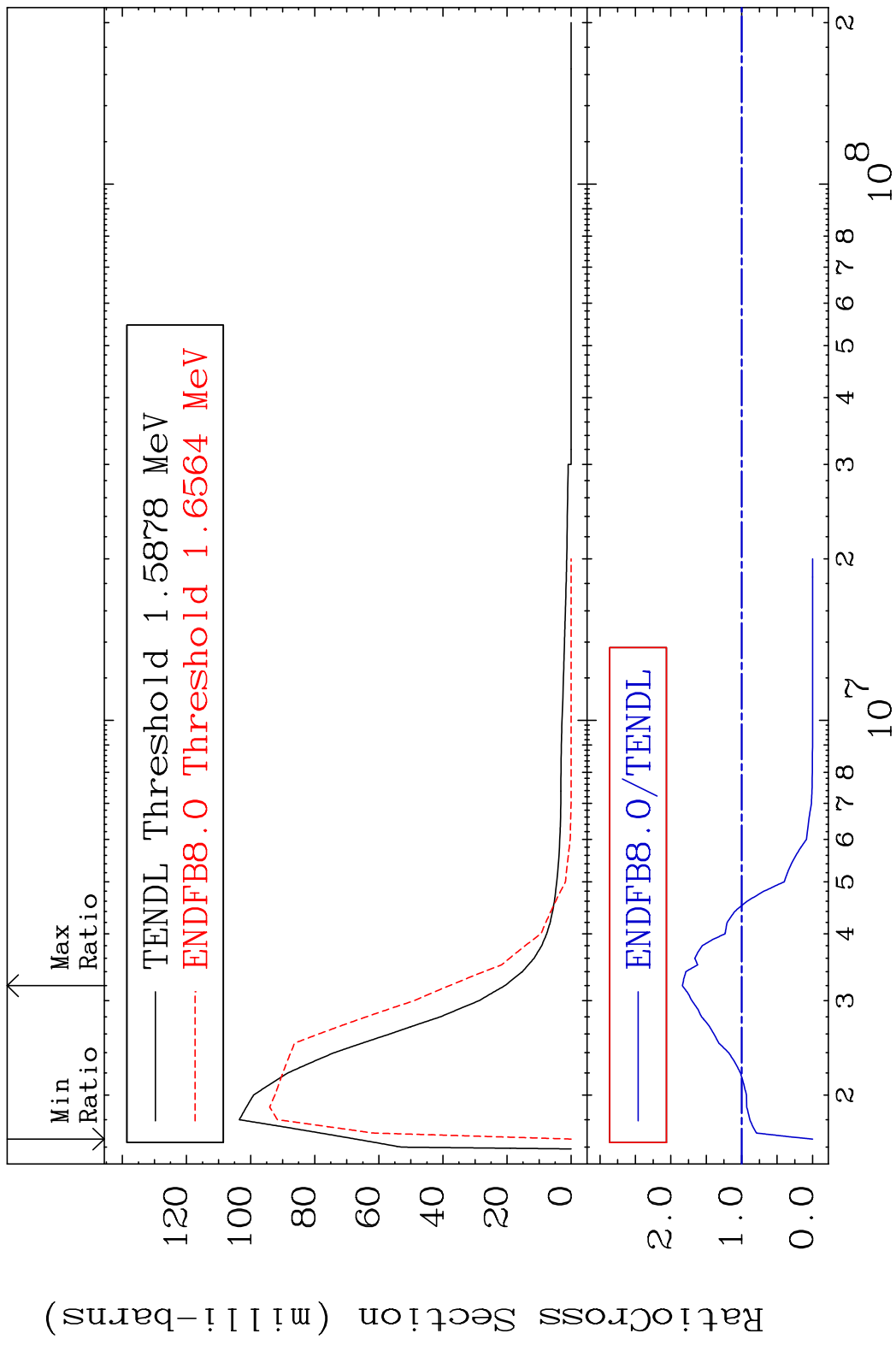
MAT 6043 MT= 64 (n, n') Level 60-Nd-148
 Cross Section -100.0 To 36.78 %



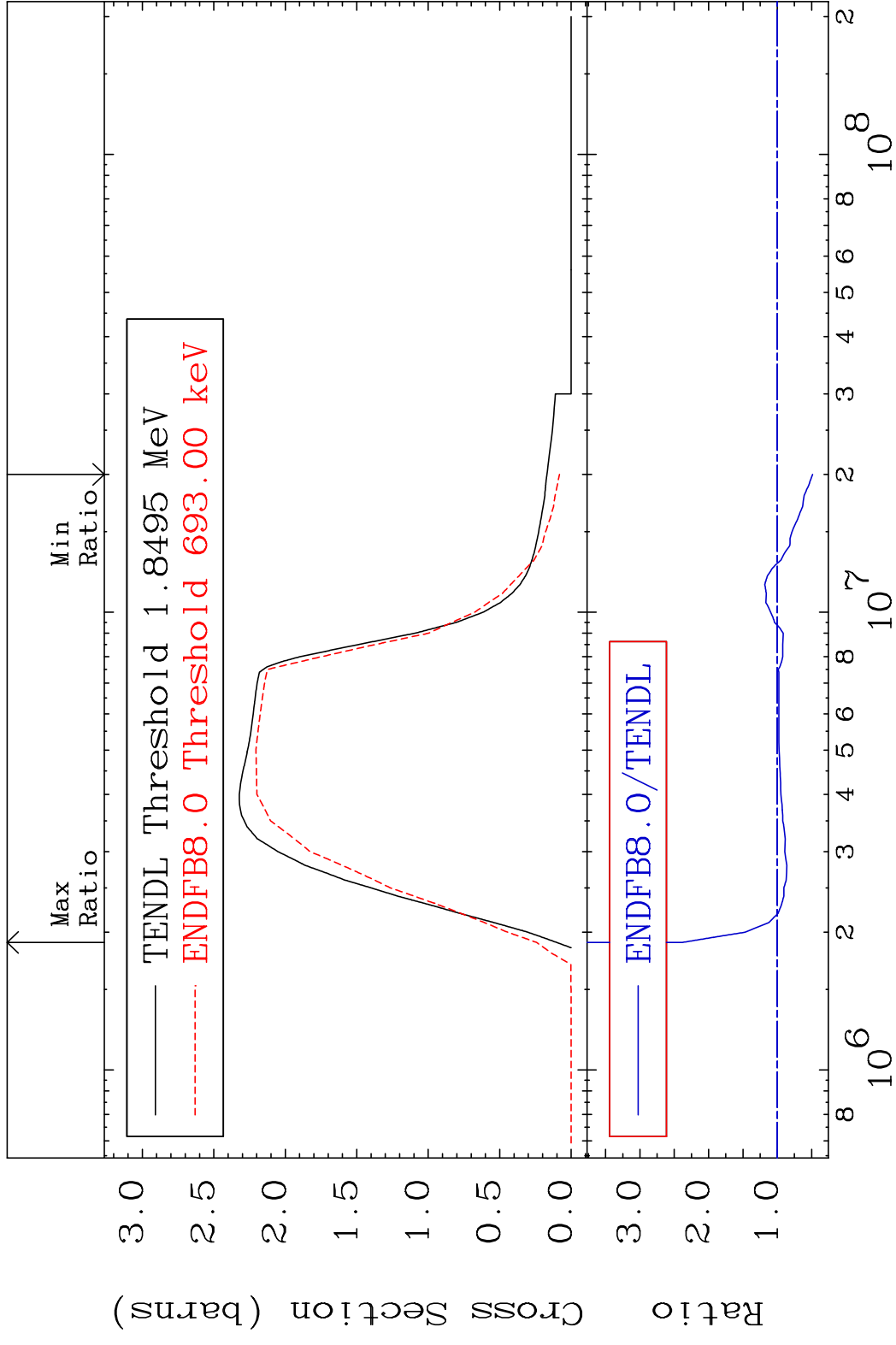
MAT 6043 MT= 65 (n,n') Level 60-Nd-148
 Cross Section -100.0 To -37.67%



MAT 6043 MT= 66 (n,n') Level 60-Nd-148
 Cross Section -100.0 To 83.76 %

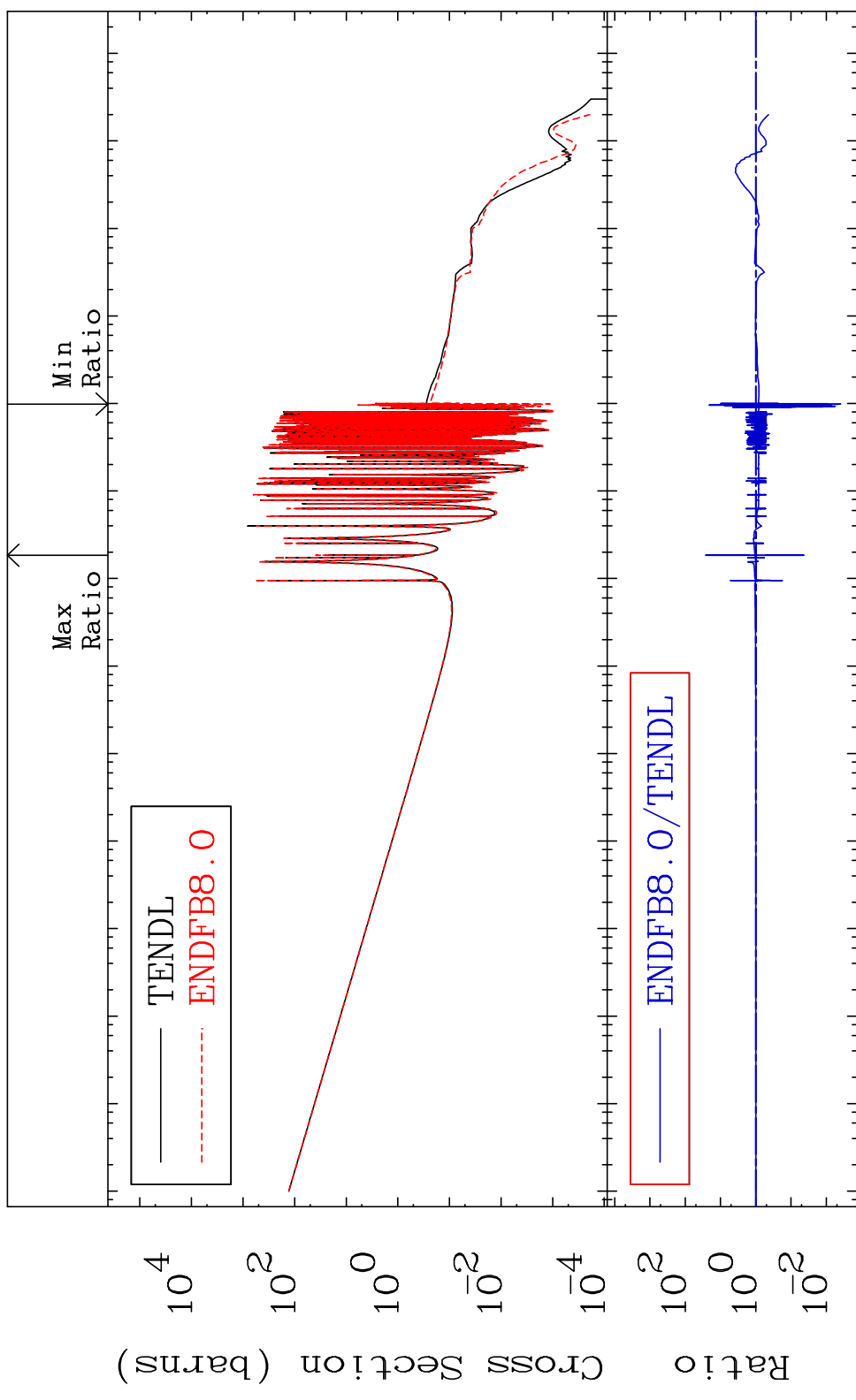


MAT 6043 (n,n') Continuum 60-Nd-148
 Cross Section -51.39 To 138.3 %

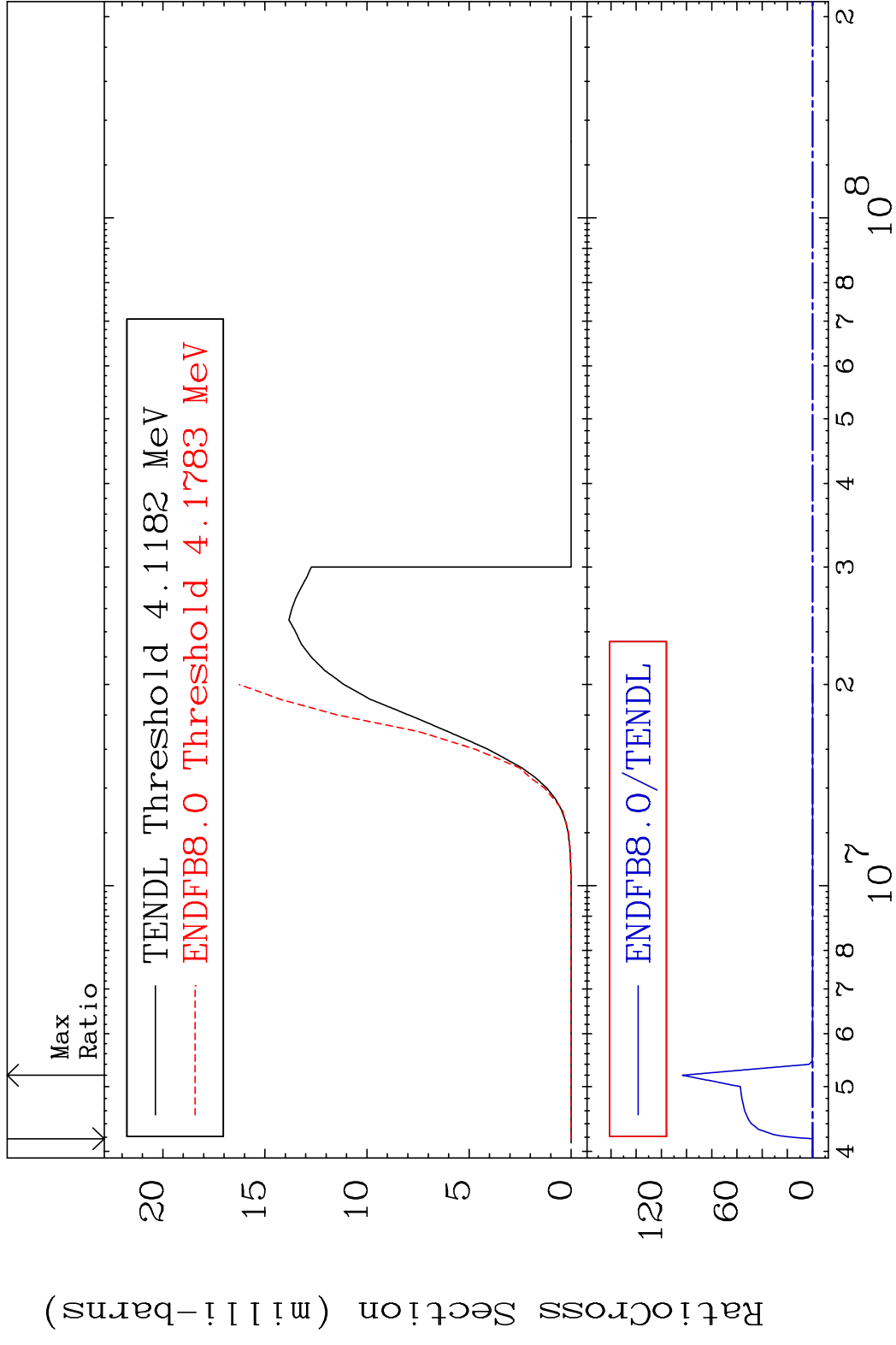


MAT 6043

(n, γ)
Cross Section -99.60 To 2519. %
60-Nd-148



MAT 6043 (n,p) 60-Nd-148
 Cross Section -100.0 To 9999. %

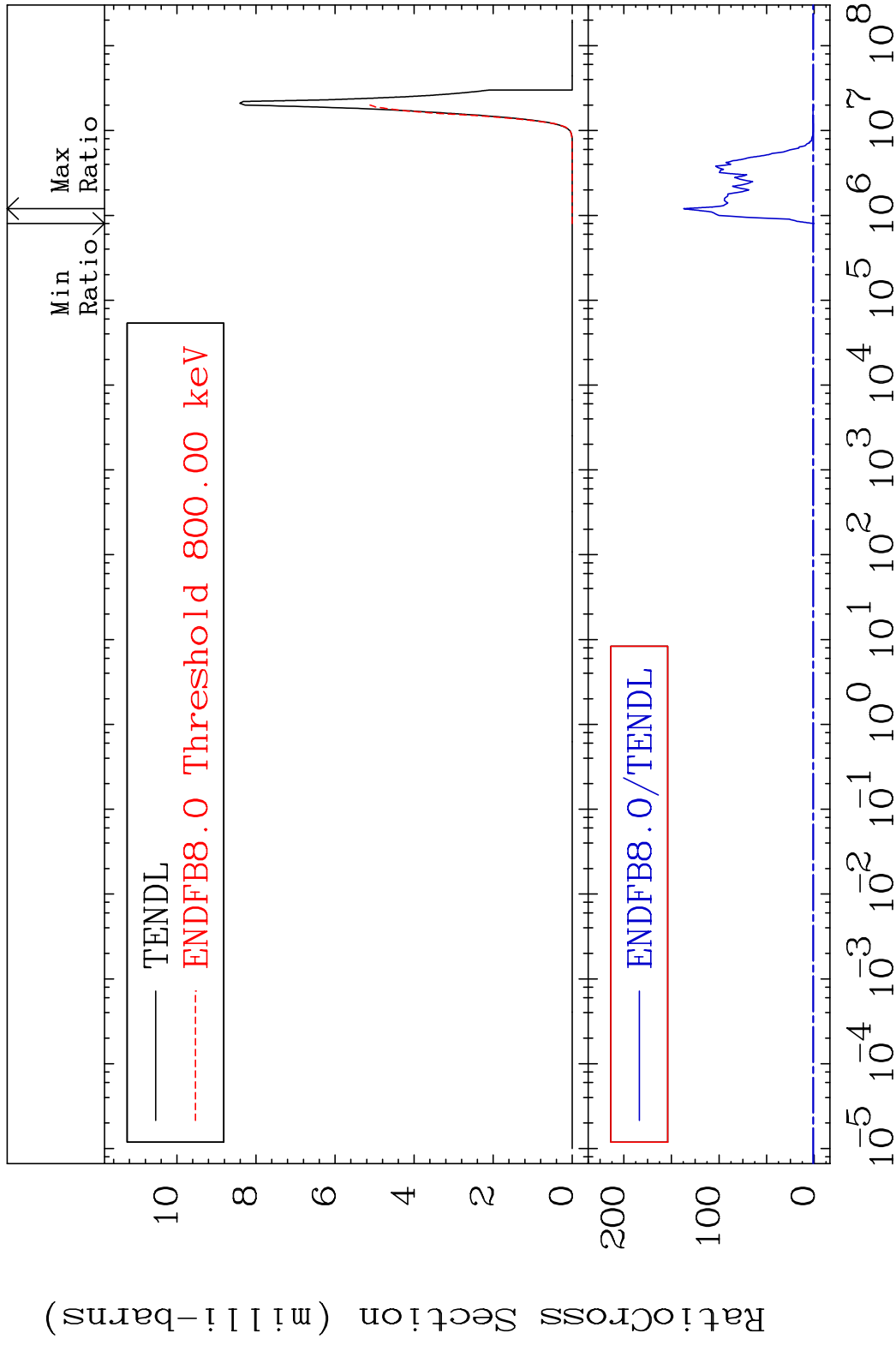


MAT 6043

(n, α)

60-Nd-148

Cross Section -100.0 To 9999. %

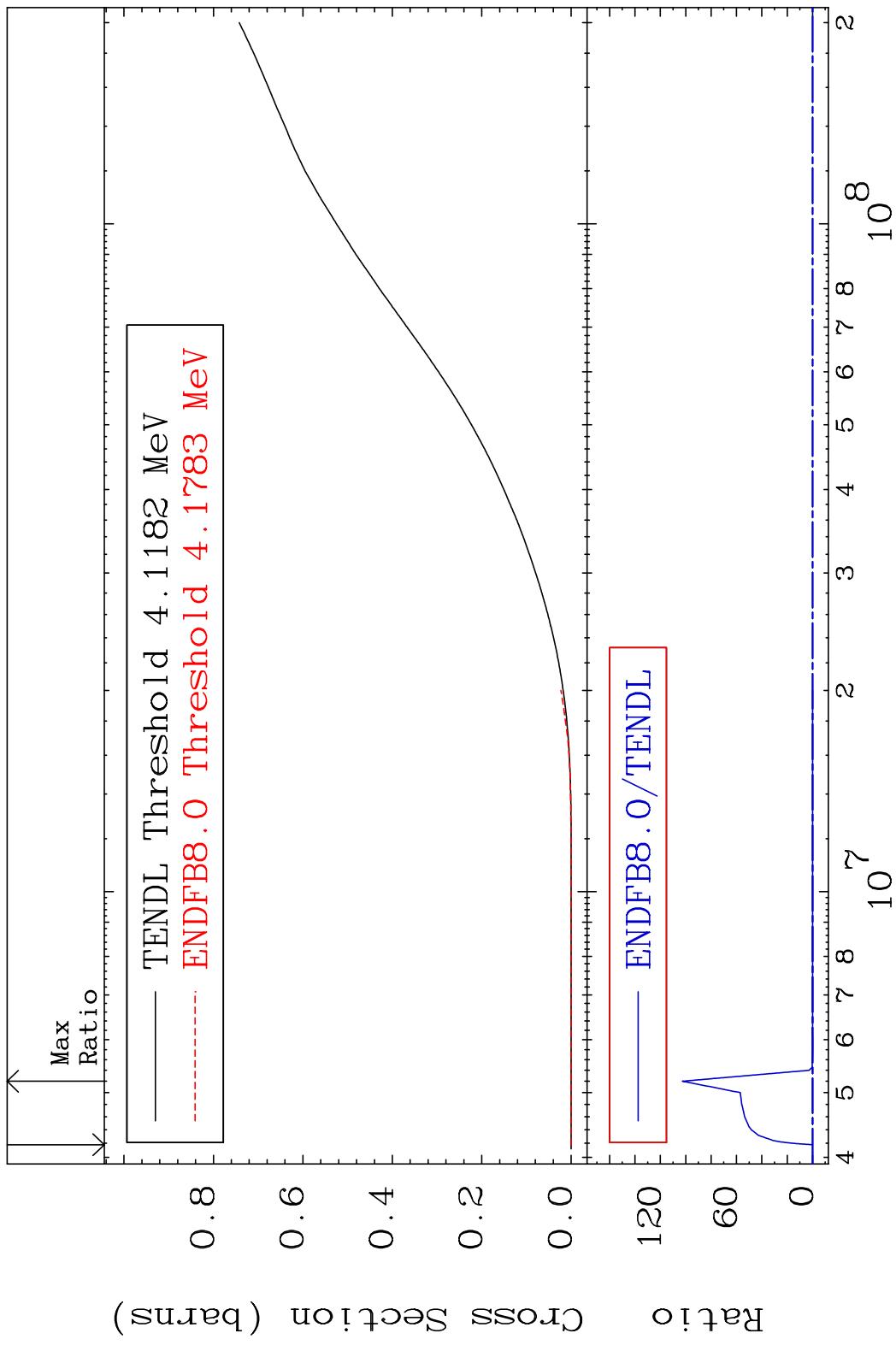


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Incident Energy (eV)

60-Nd-148

MAT 6043 Hydrogen Production 60-Nd-148
 Cross Section -100.0 To 9999. %



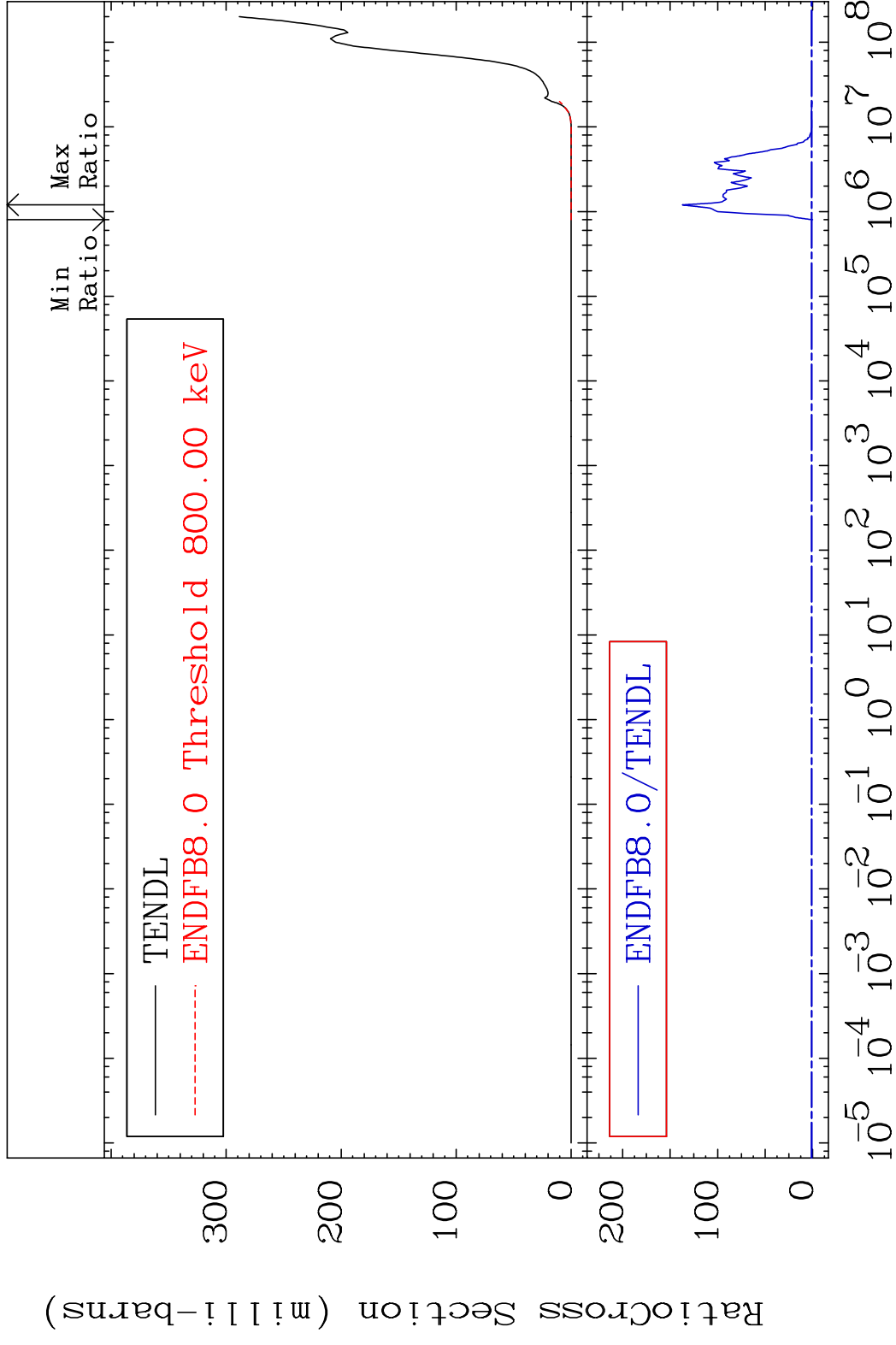
30 Incident Energy (eV) 60-Nd-148

MAT 6043

He-4 Production

60-Nd-148

Cross Section -100.0 To 9999. %

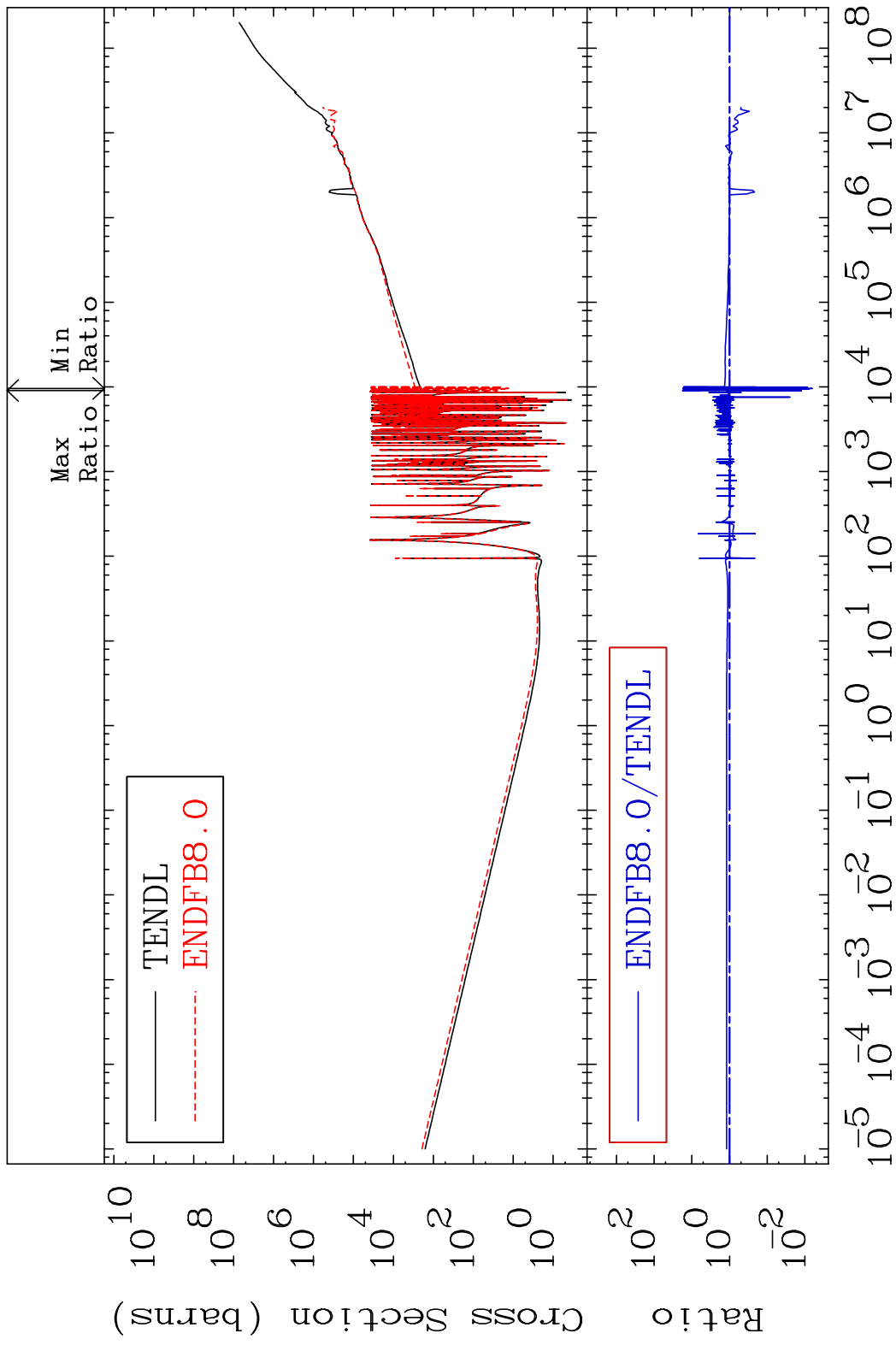


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Incident Energy (eV)

60-Nd-148

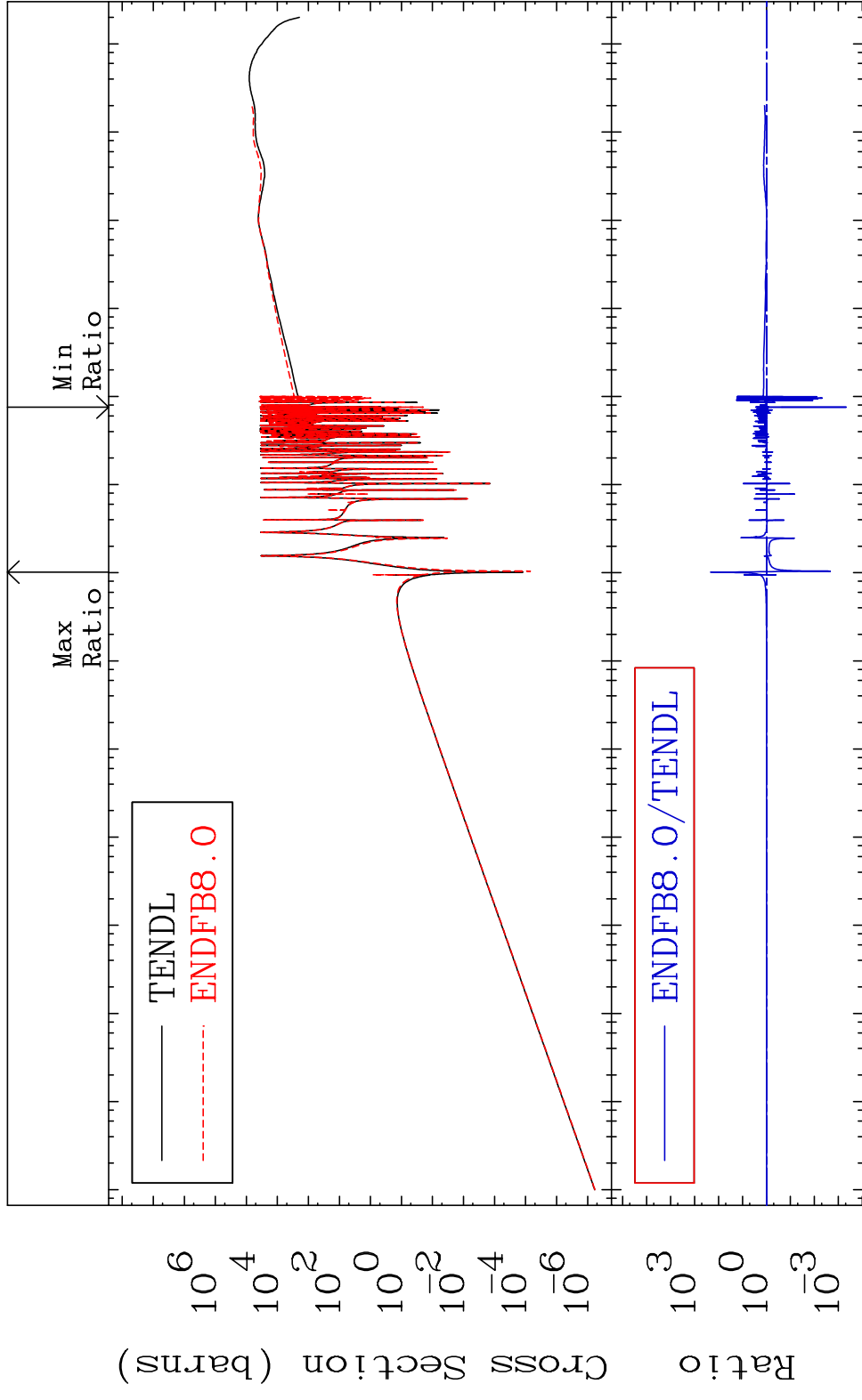
MAT 6043 Kerma total (eV-barns) 60-Nd-148
 Cross Section -99.37 To 1686. %



MAT 6043

Kerma elastic
Cross Section

60-Nd-148
-99.95 To 9999. %

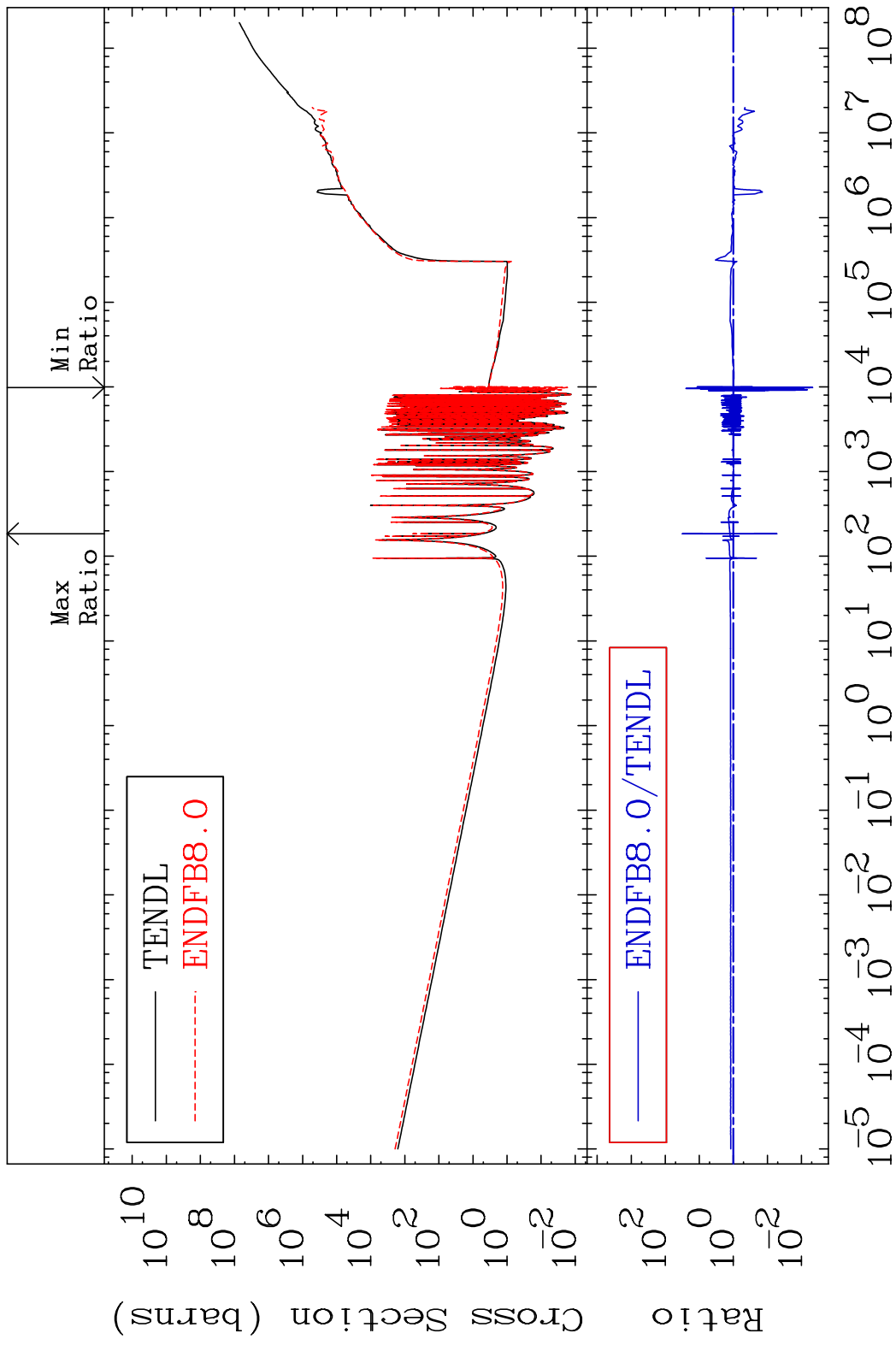


33

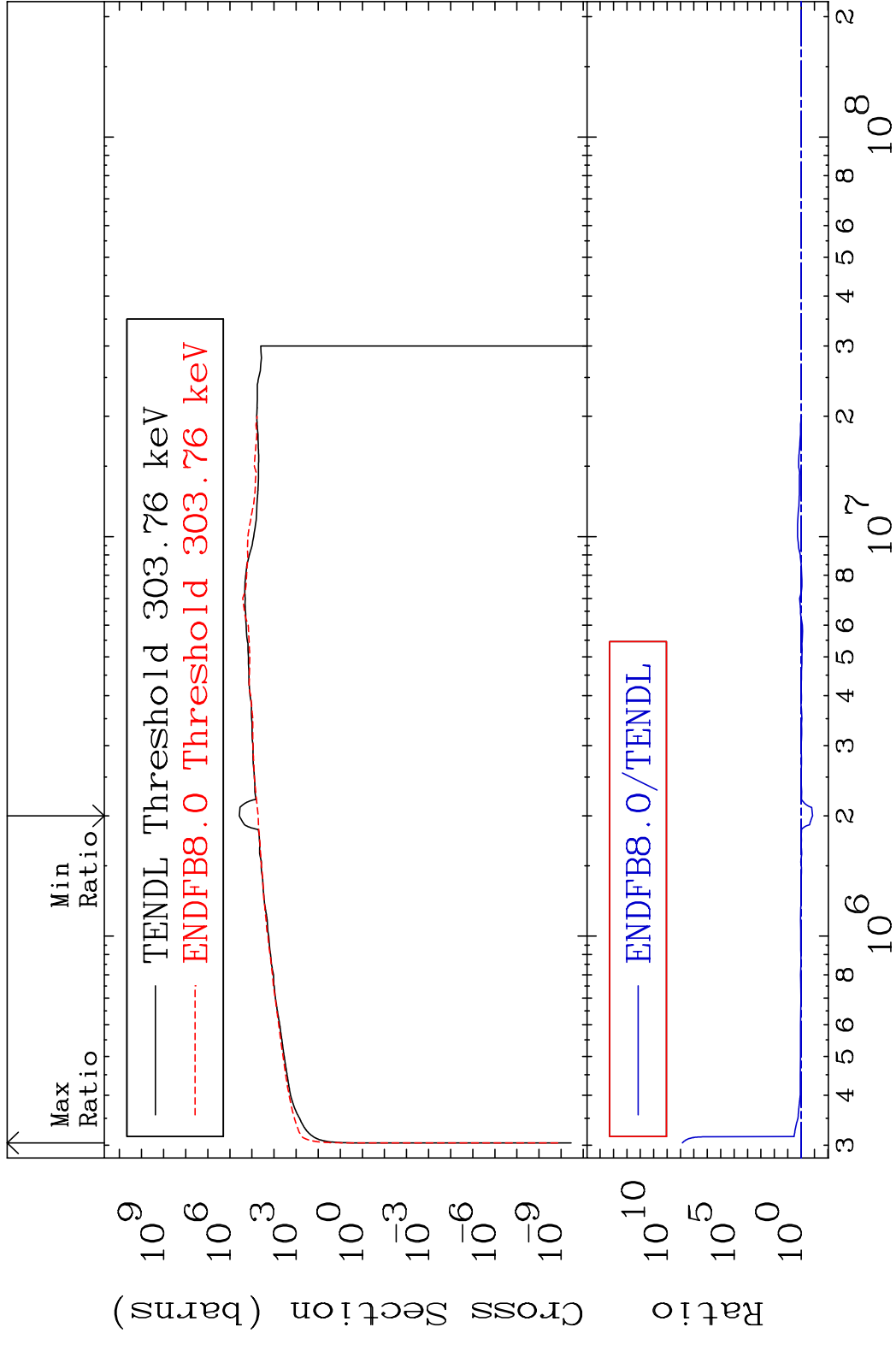
Incident Energy (eV)

60-Nd-148

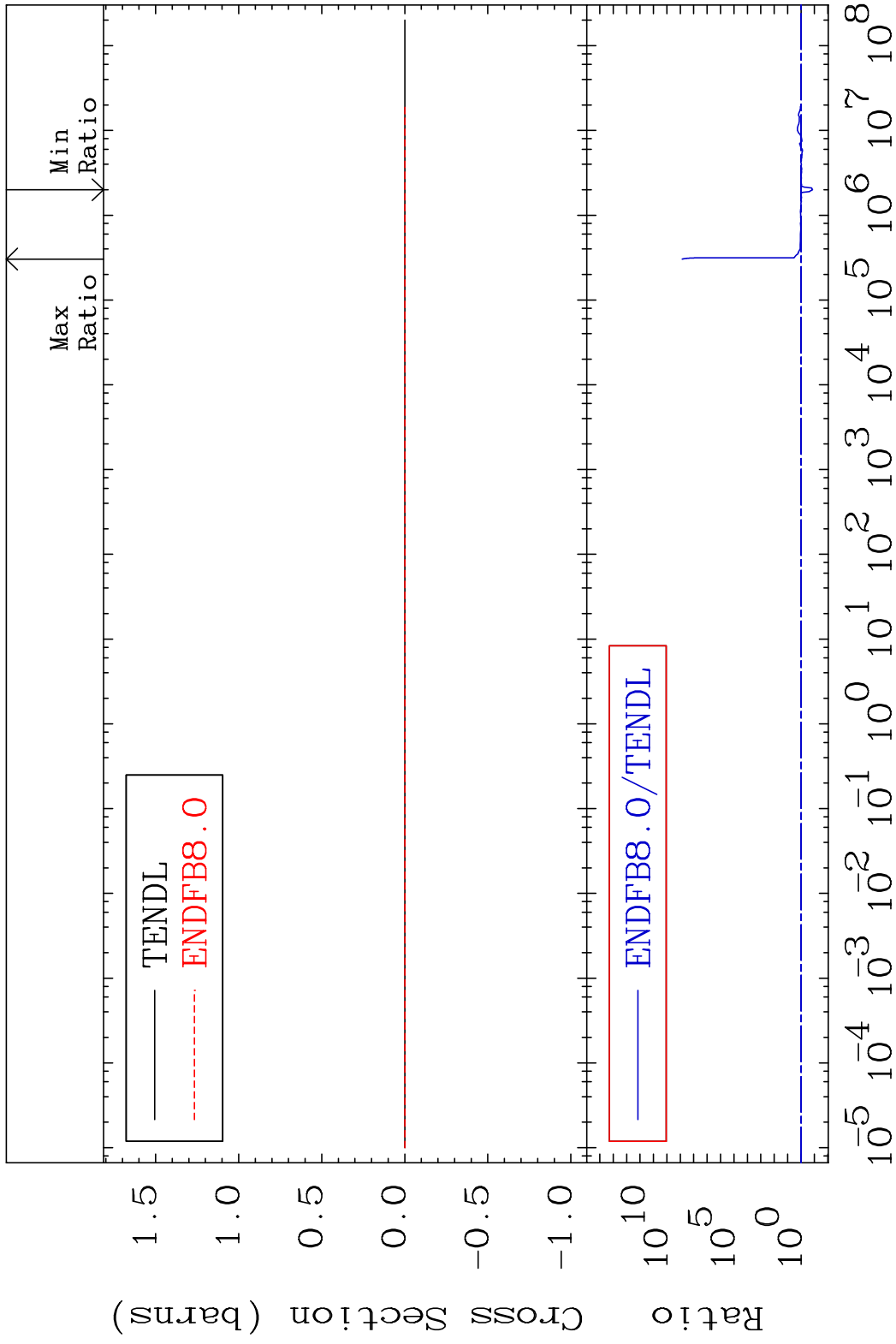
MAT 6043 Kerma non-elastic (all but mt2) 60-Nd-148
 Cross Section -99.53 To 3045. %



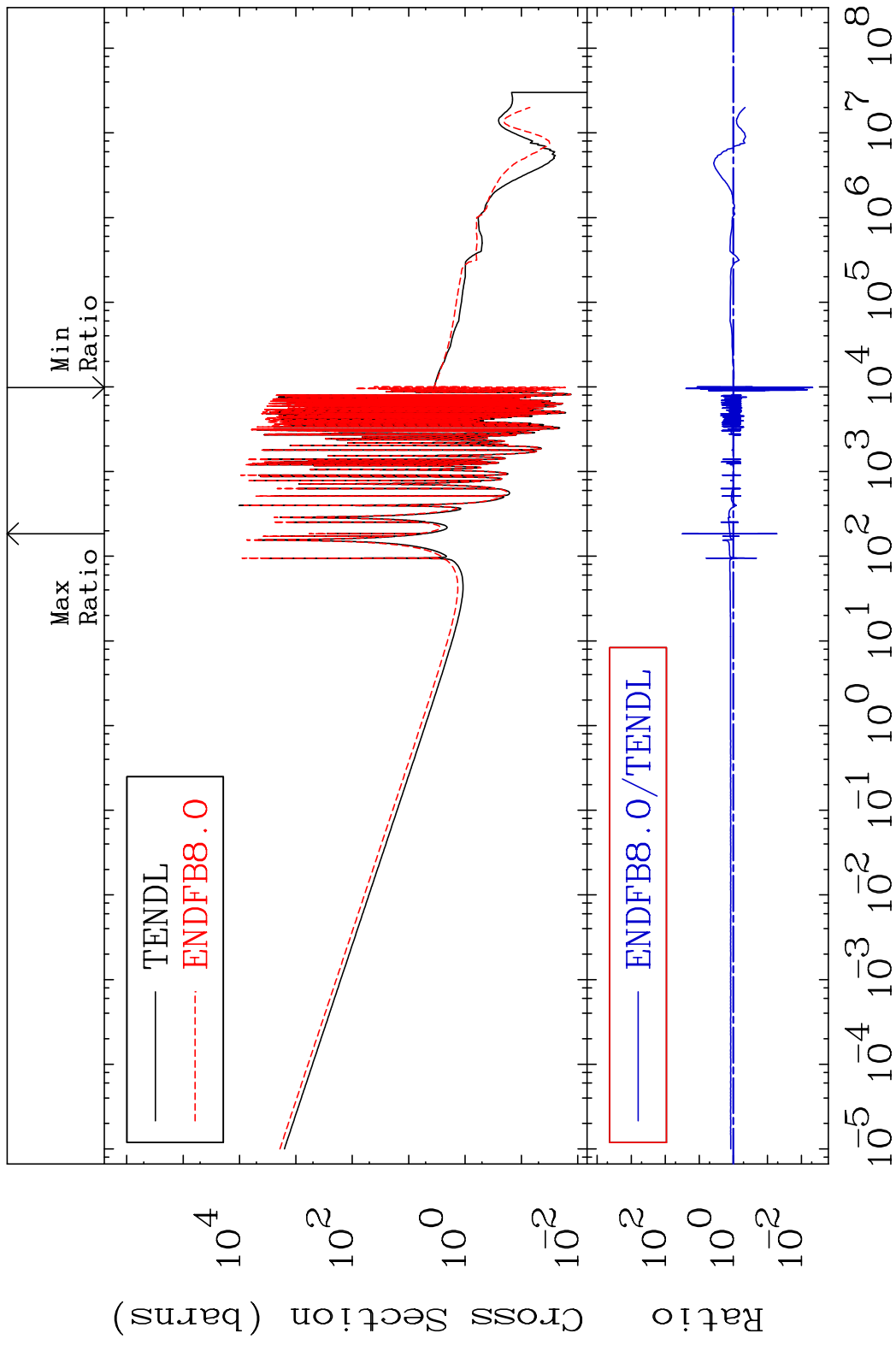
MAT 6043 Kerma inelastic (mt51-91) 60-Nd-148
 Cross Section -85.94 To 9999. %



MAT 6043 Kerma fission (mt18 or mt19-20-21-38) 60-Nd-148
 Cross Section -85.94 To 9999. %

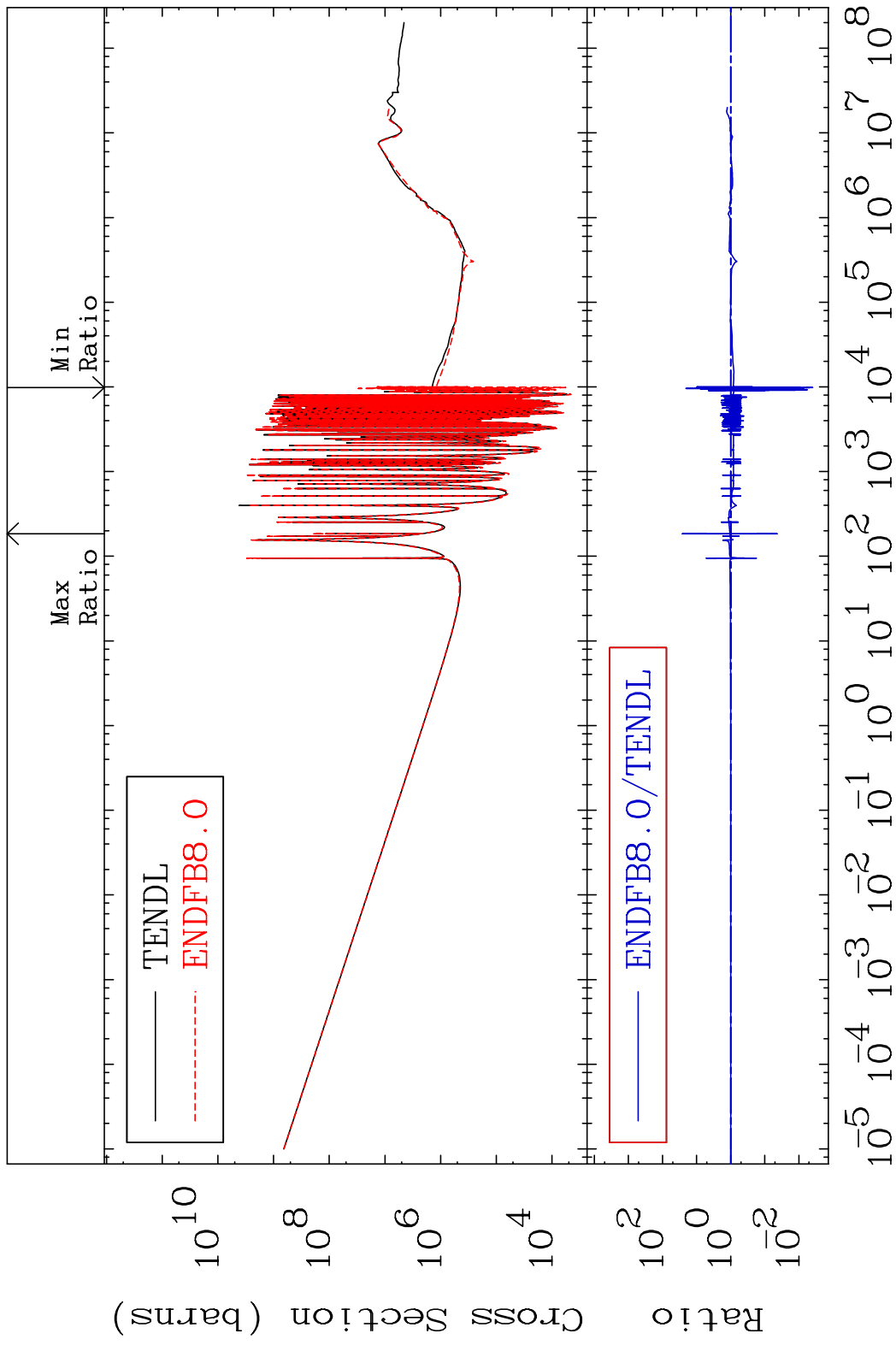


MAT 6043 Kerma capture (mt102) 60-Nd-148
 Cross Section -99.53 To 3045. %

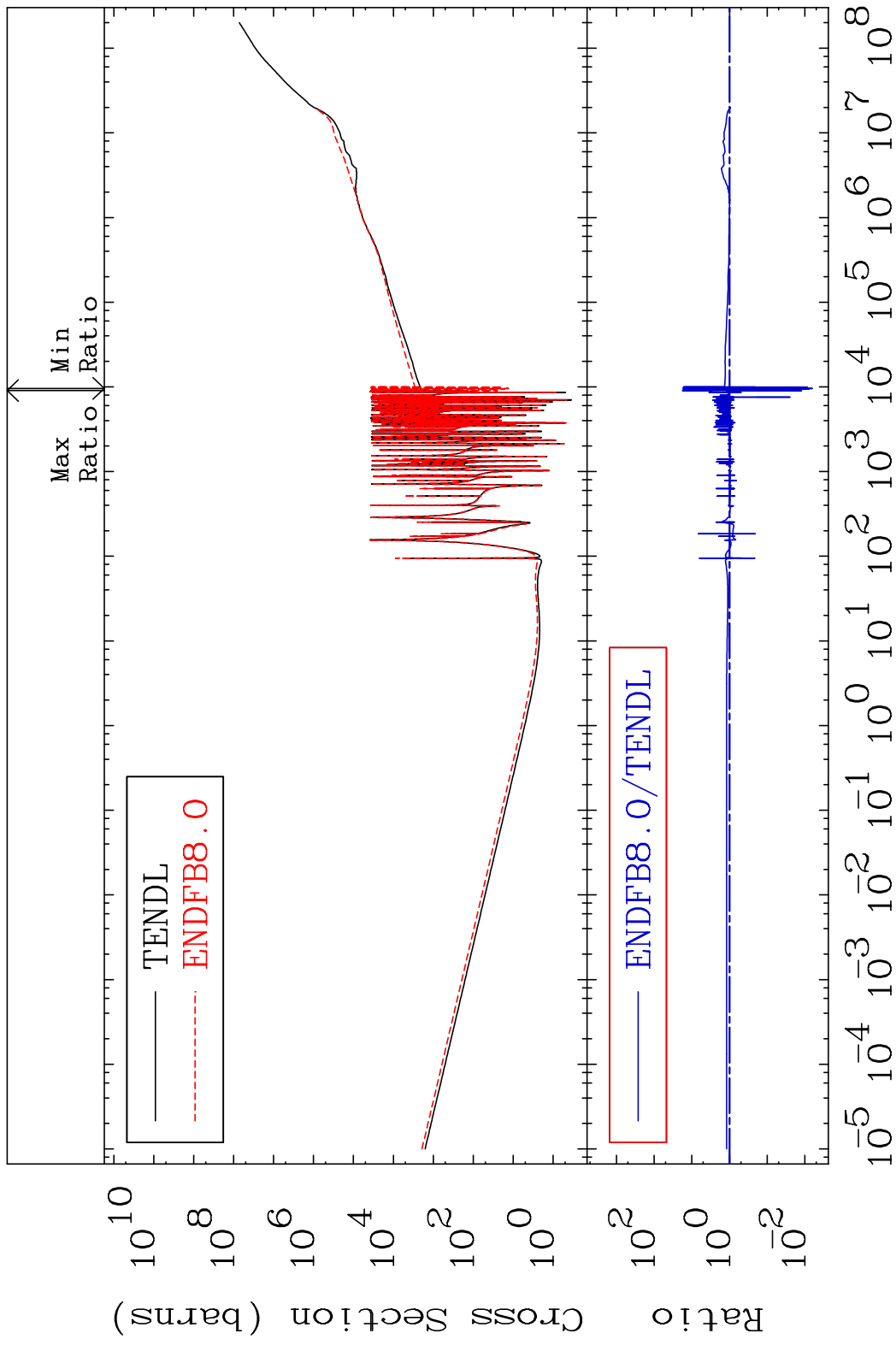


37 Incident Energy (eV) 60-Nd-148

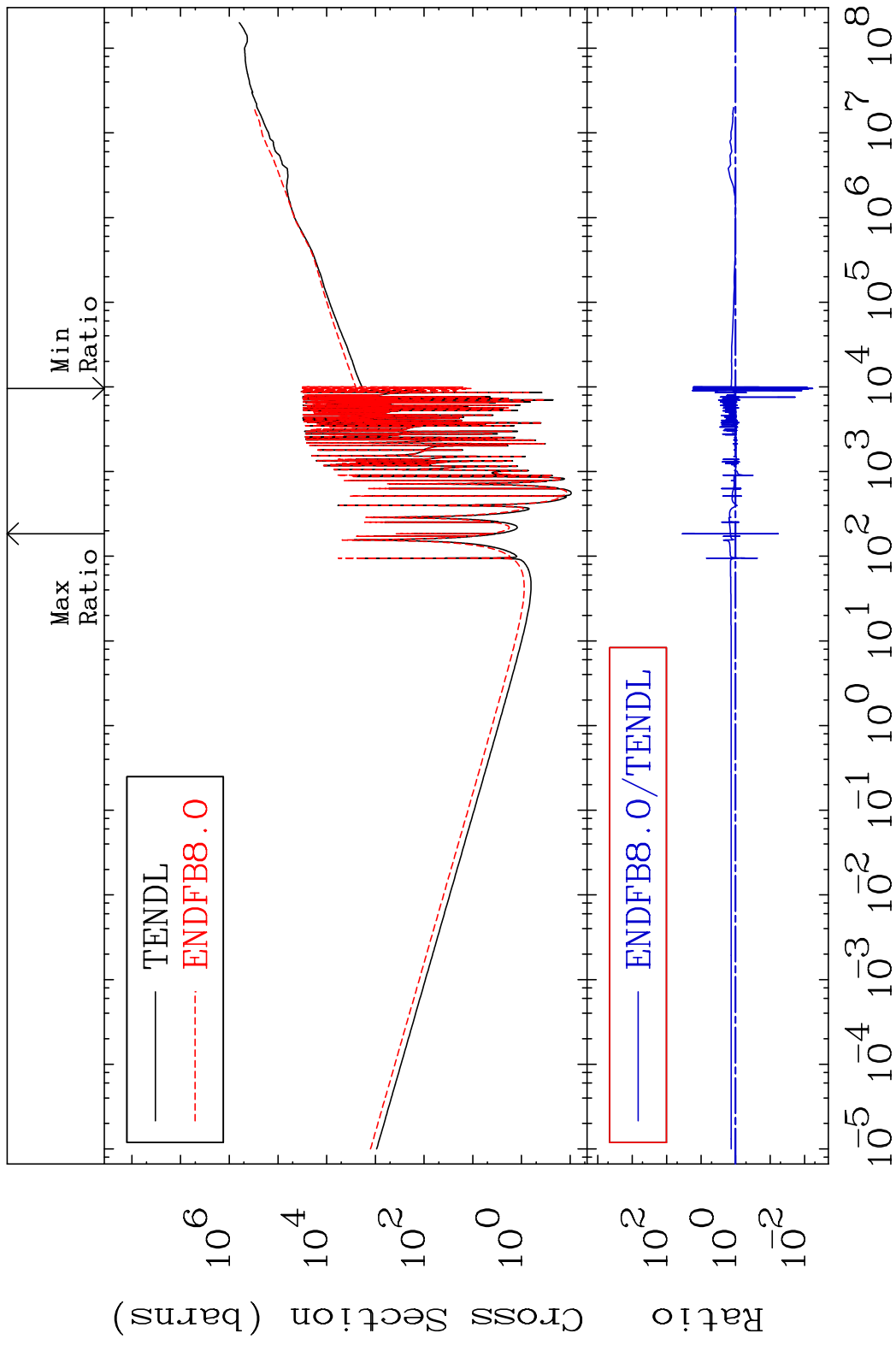
MAT 6043 Total photon (eV-barns) 60-Nd-148
 Cross Section -99.60 To 2515. %



MAT 6043 Total kinematic kerma (high limit) 60-Nd-148
 Cross Section -99.37 To 1686. %



MAT 6043 Dpa total (eV-barns) 60-Nd-148
Cross Section -99.41 To 3404. %



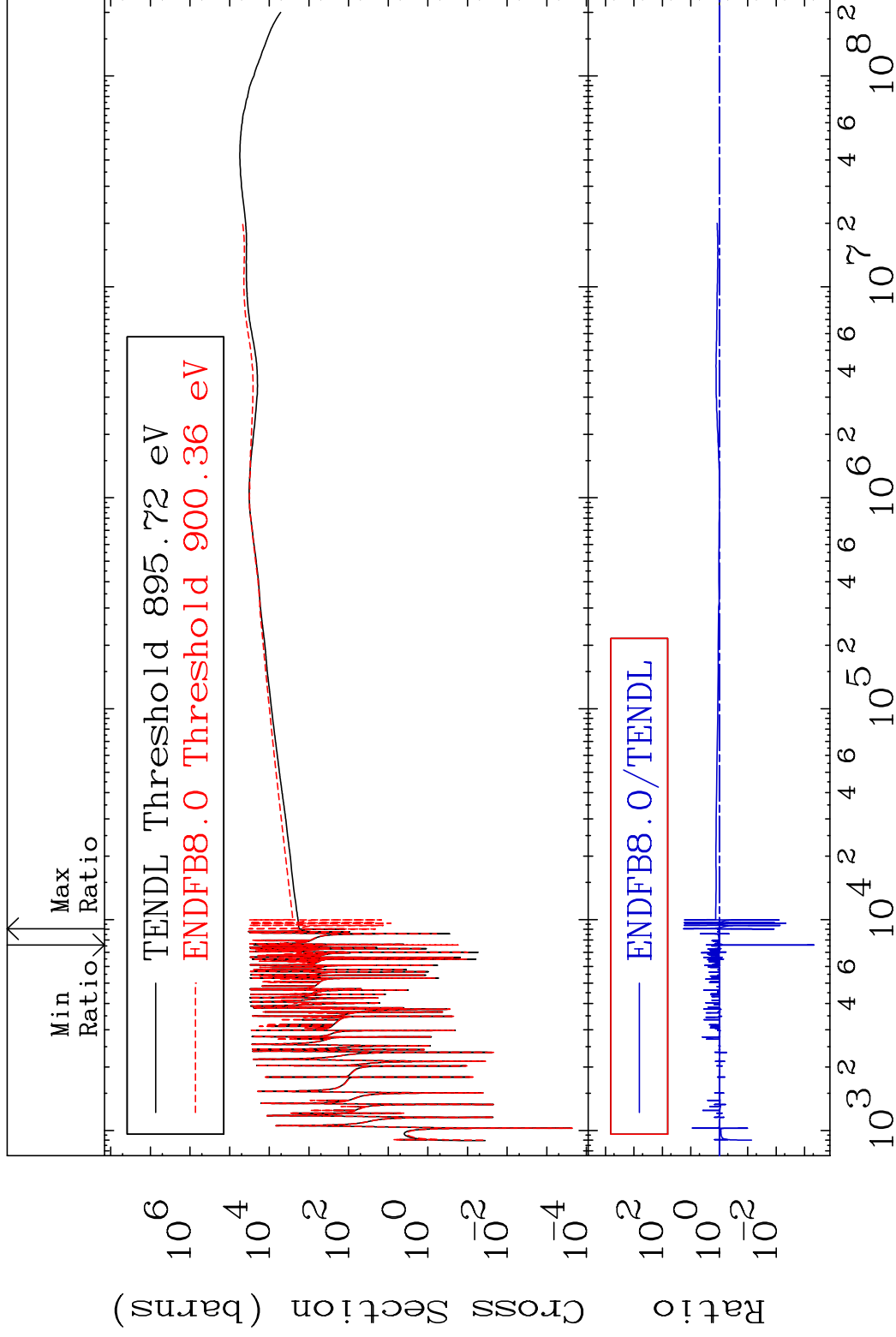
40 Incident Energy (eV) 60-Nd-148

MAT 6043

Dpa elastic (mt2)

60-Nd-148

Cross Section -99.95 To 1688. %

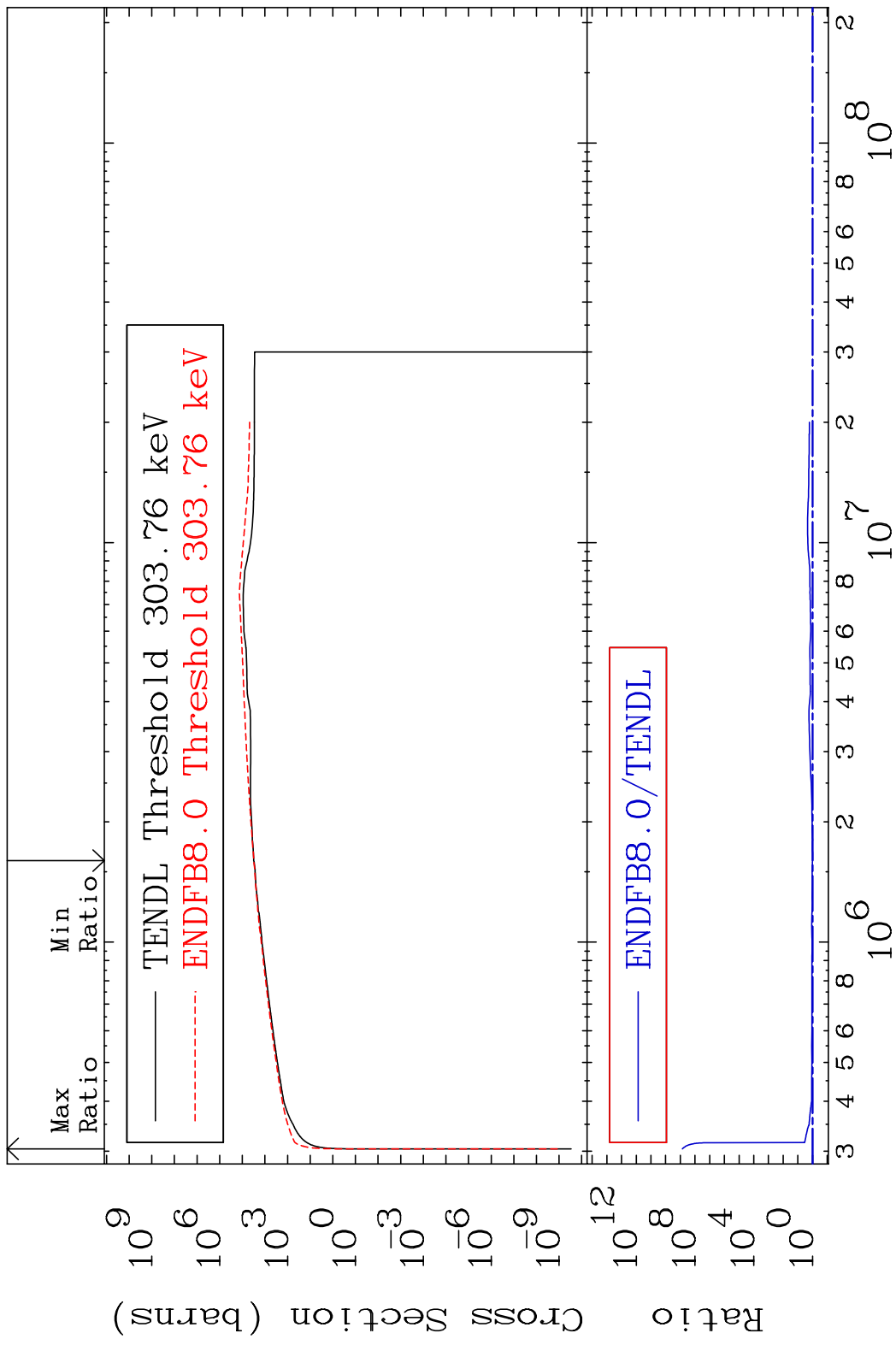


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Incident Energy (eV)

60-Nd-148

MAT 6043 Dpa inelastic (mt51-91) 60-Nd-148
 Cross Section -0.371 To 9999. %



MAT 6043 Dpa disappearance (mt102 -120) 60-Nd-148
 Cross Section -99.47 To 3404. %

