

Program Complot  
(Version 2021-1)

by

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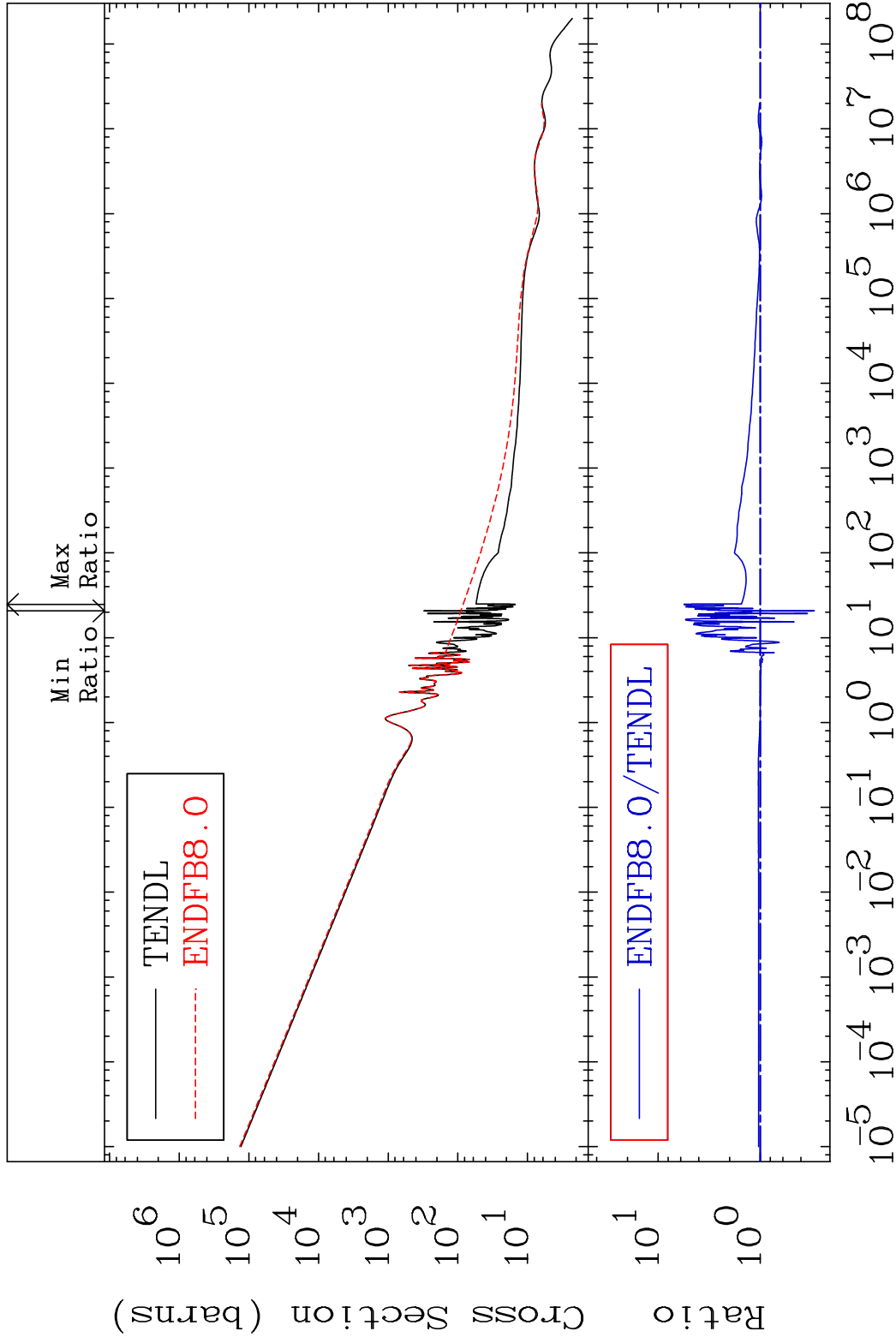
Press Mouse Button to Start

MAT 9349

Total

93-Np-238

Cross Section -70.29 To 462.9 %



1

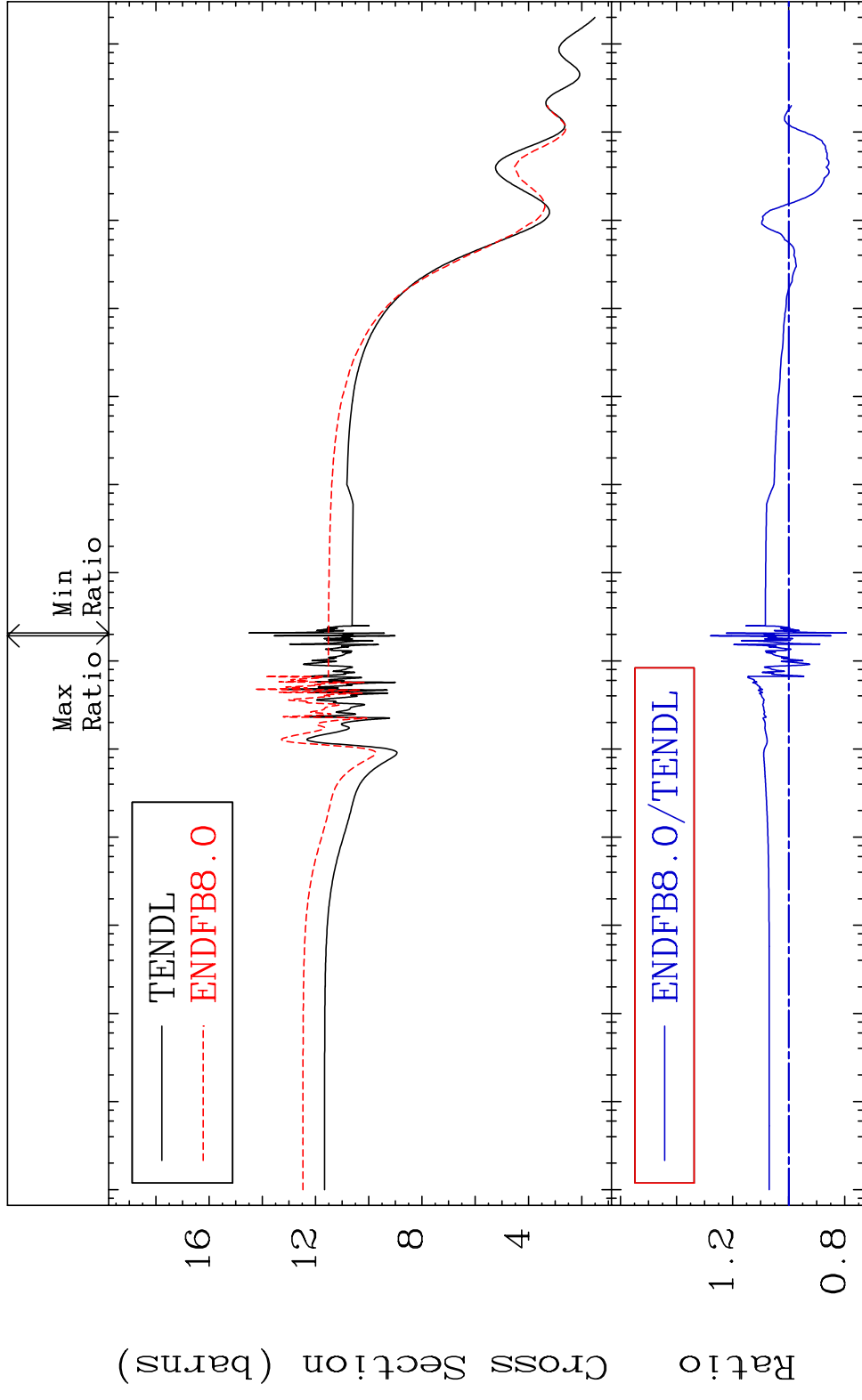
Incident Energy (eV)

93-Np-238

MAT 9349

Elastic Cross Section -20.54 To 27.84 %

93-Np-238



93-Np-238

Incident Energy (eV)

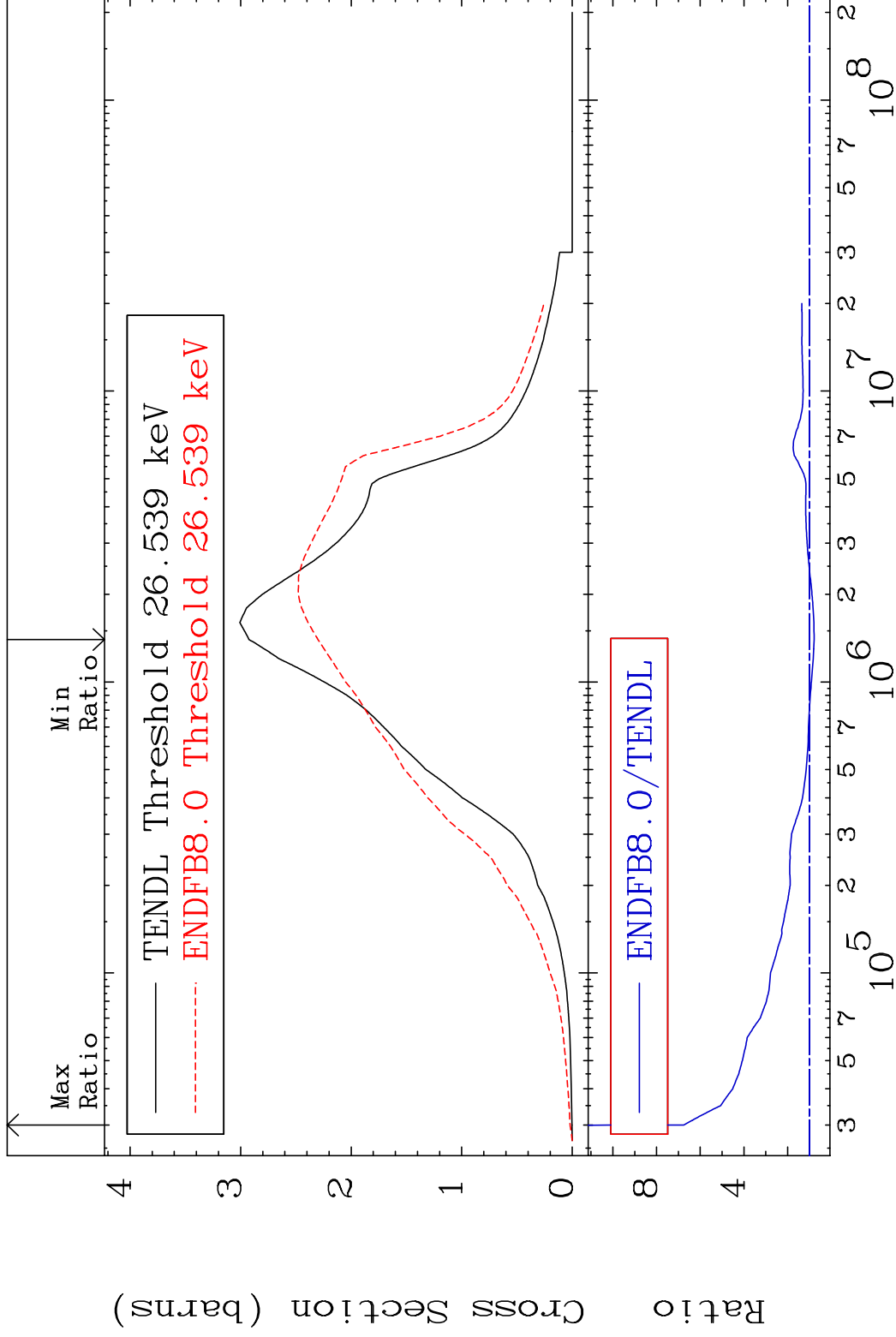
2

MAT 9349

Inelastic

93-Np-238

Cross Section -21.33 To 575.8 %

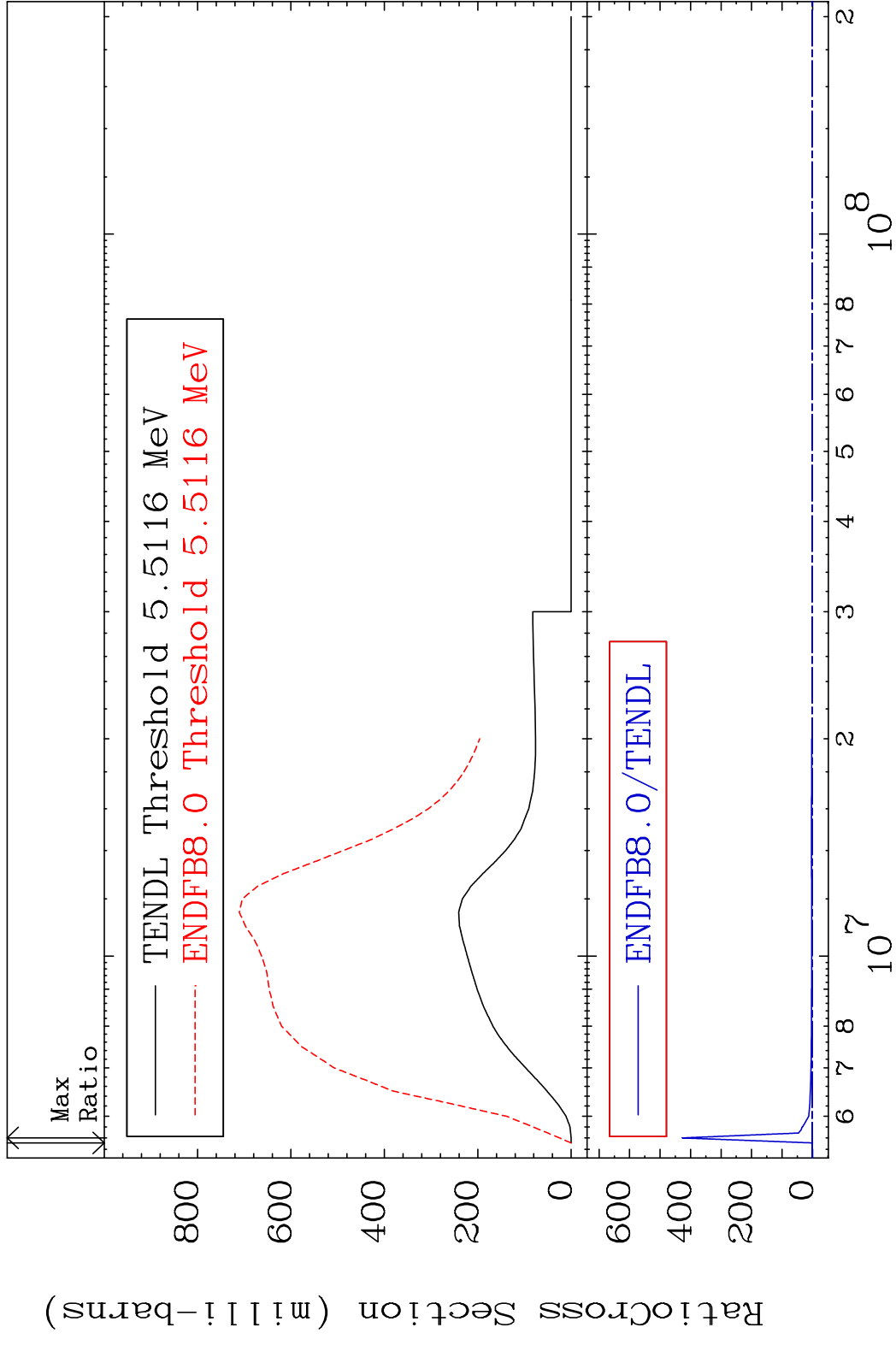


3

Incident Energy (eV)

93-Np-238

MAT 9349 (n,2n) 93-Np-238  
 Cross Section -100.0 To 9999. %



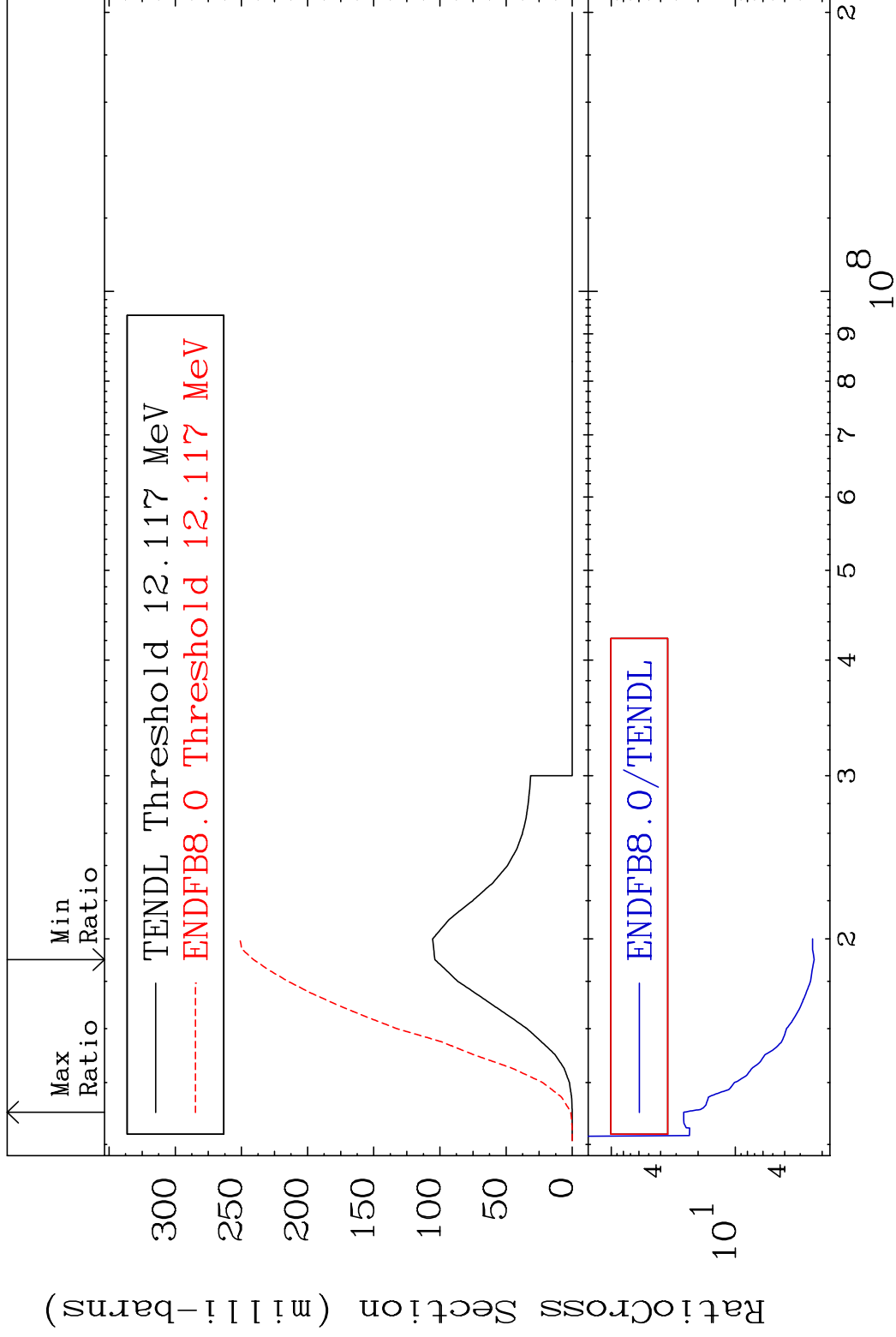
4 Incident Energy (eV) 93-Np-238

MAT 9349

(n,3n)

93-Np-238

Cross Section 131.9 To 2511. %



5

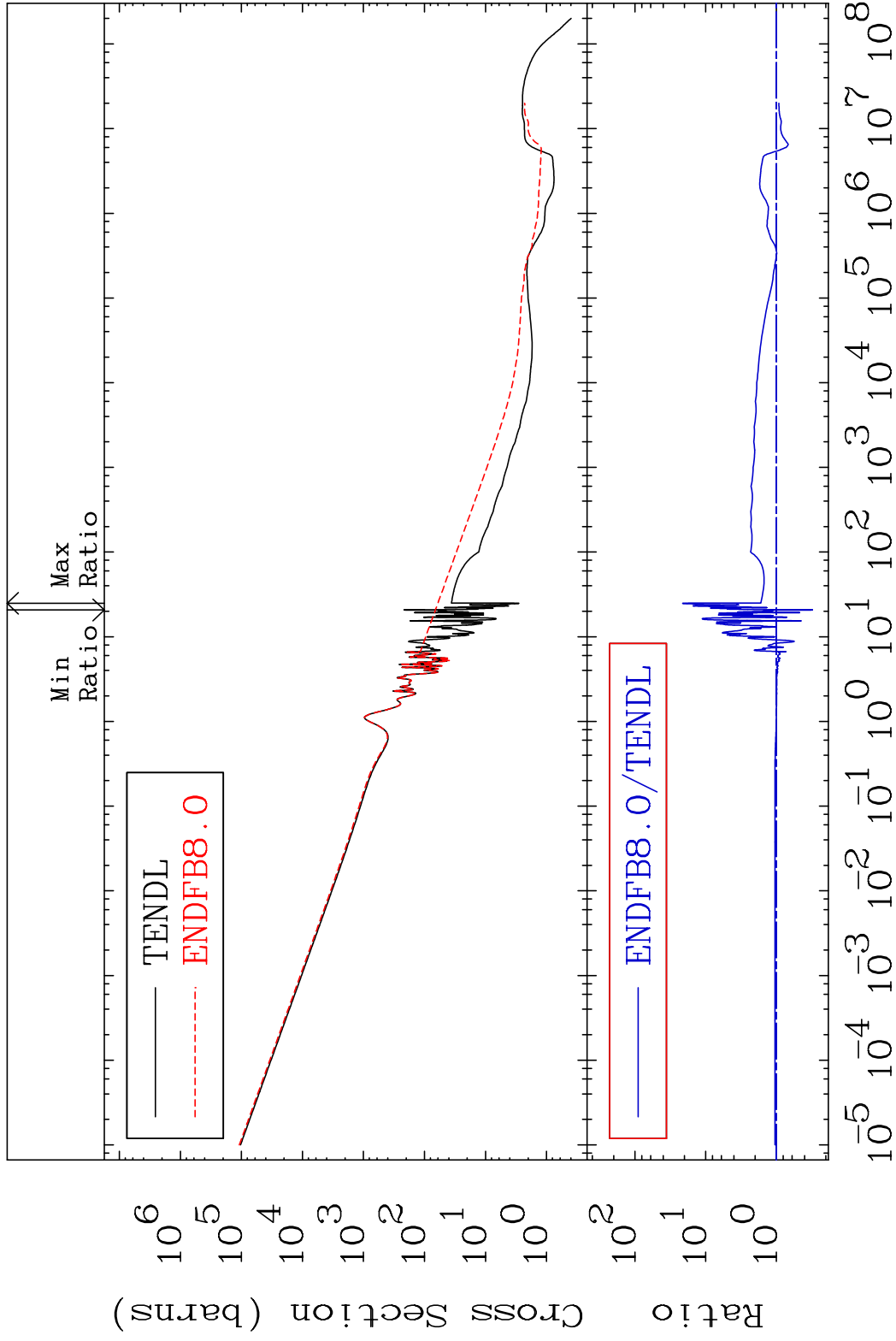
Incident Energy (eV)

93-Np-238

MAT 9349

Fission  
Cross Section -69.15 To 2039. %

93-Np-238



6

Incident Energy (eV)

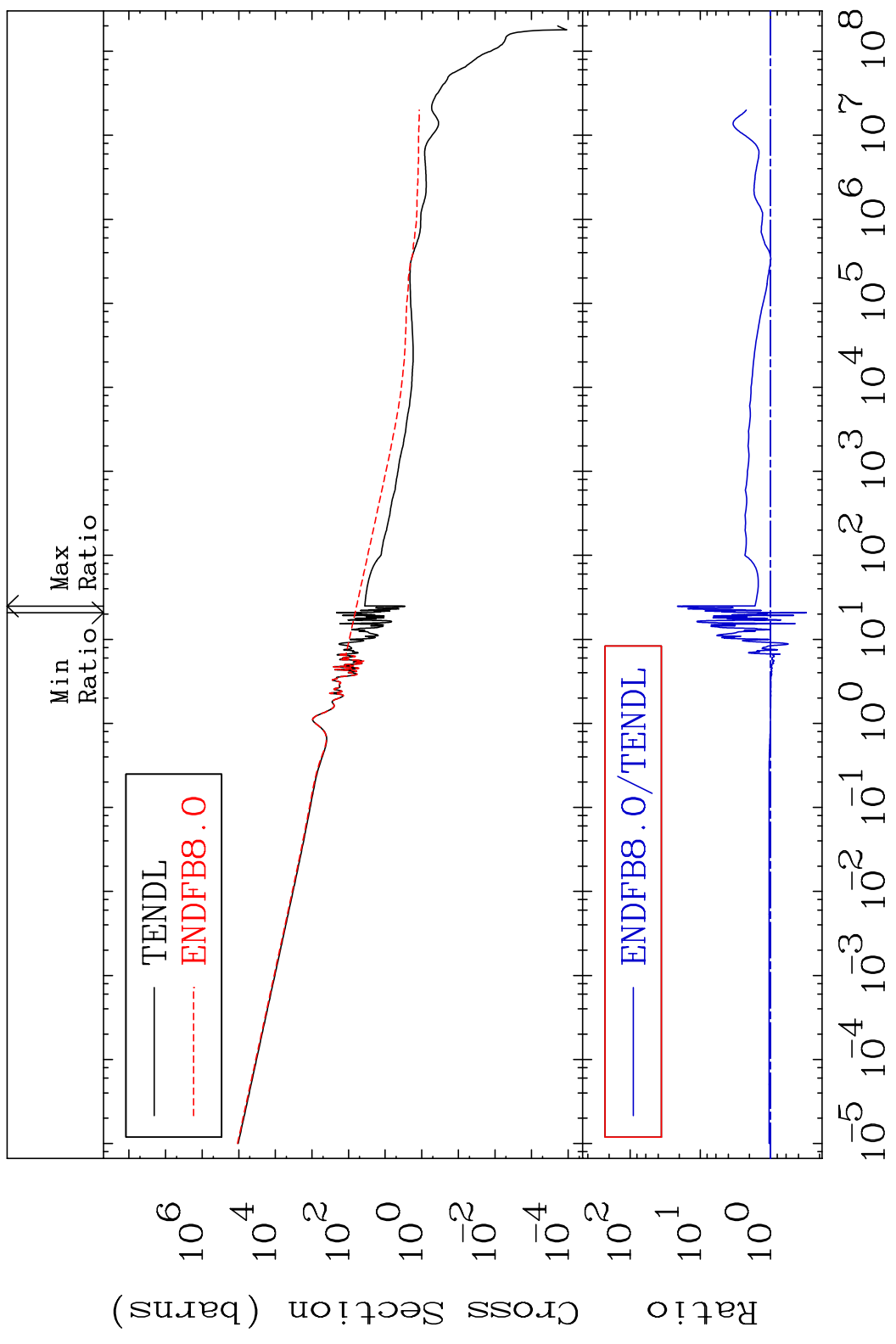
93-Np-238

MAT 9349

(n,f) First Chance

93-Np-238

Cross Section -69.15 To 2039. %



7

Incident Energy (eV)

93-Np-238

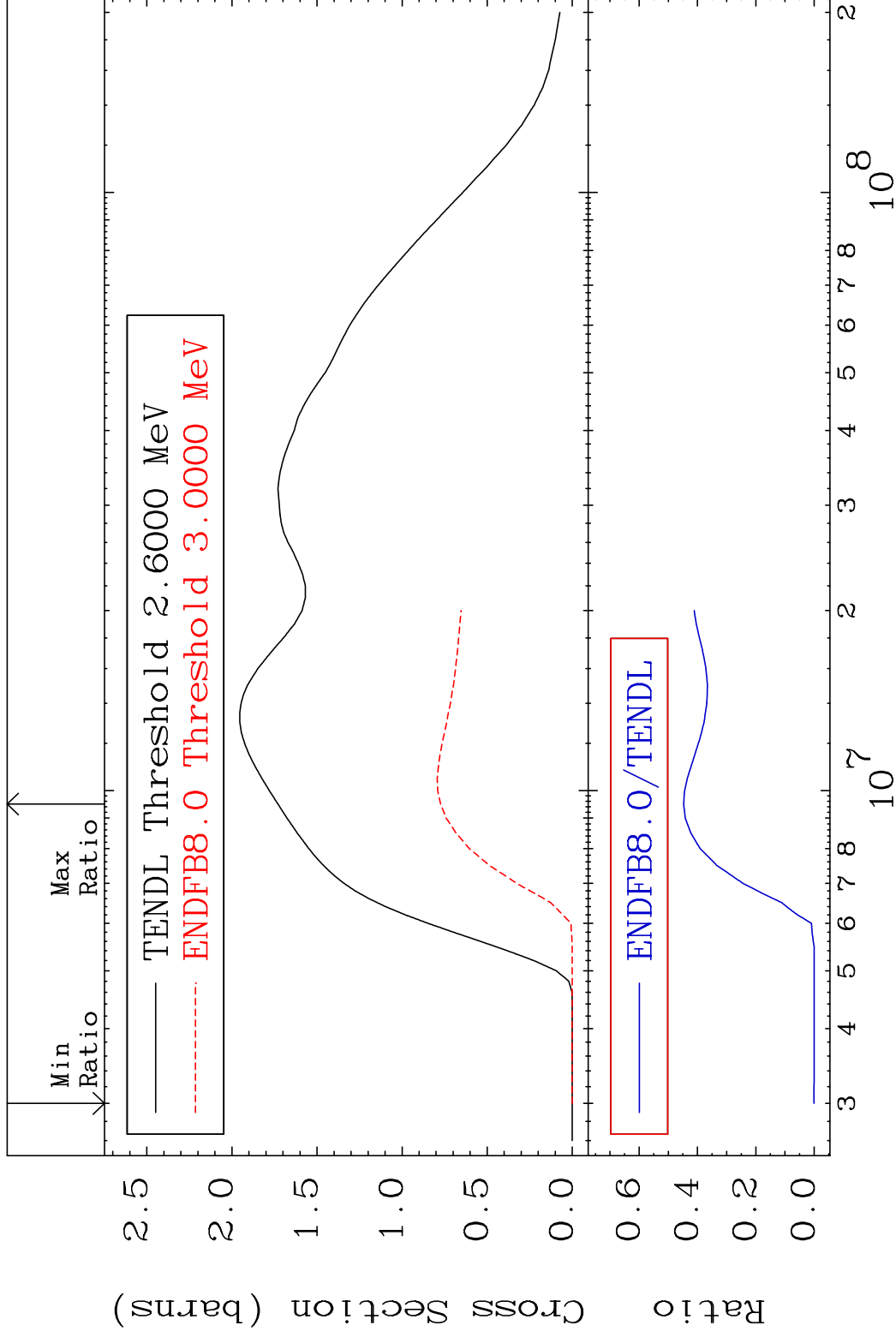


MAT 9349

(n, nf) Second Chance

93-Np-238

Cross Section -100.0 To -55.26%

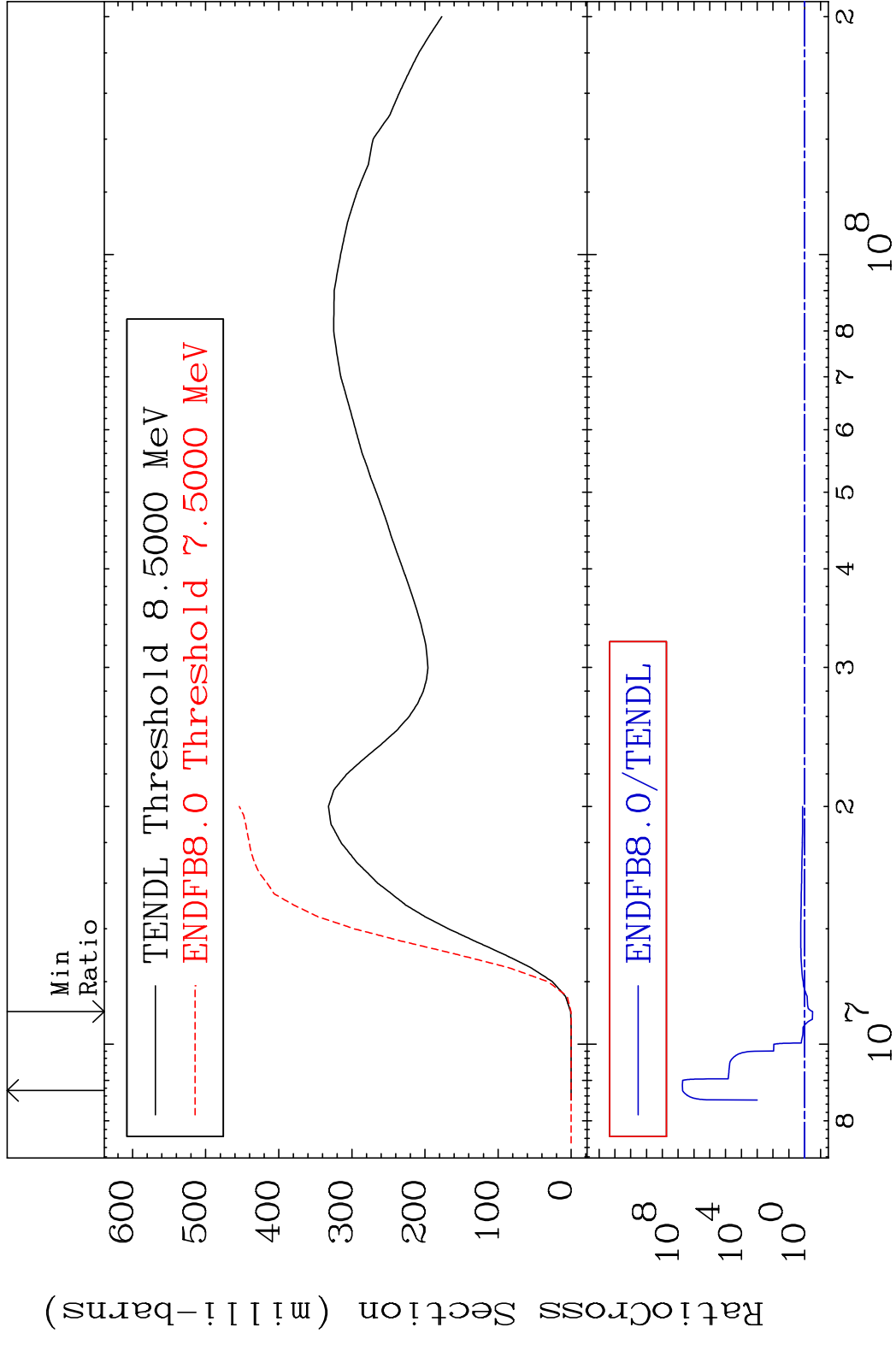


8

Incident Energy (eV)

93-Np-238

MAT 9349 (n,2nf) Third Chance 93-Np-238  
 Cross Section -68.32 To 9999. %

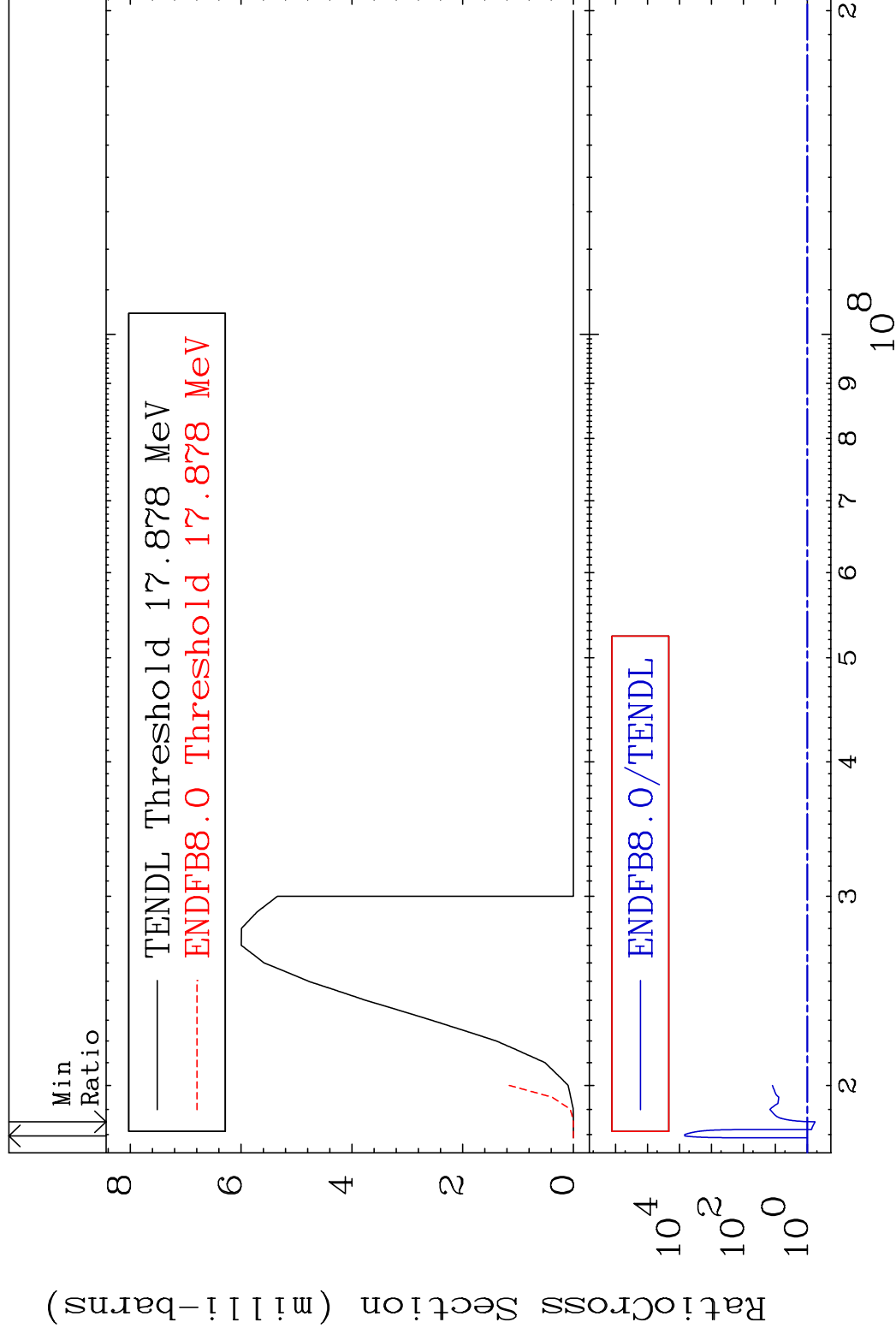


MAT 9349

(n, 4n)

93-Np-238

Cross Section -43.11 To 9999. %

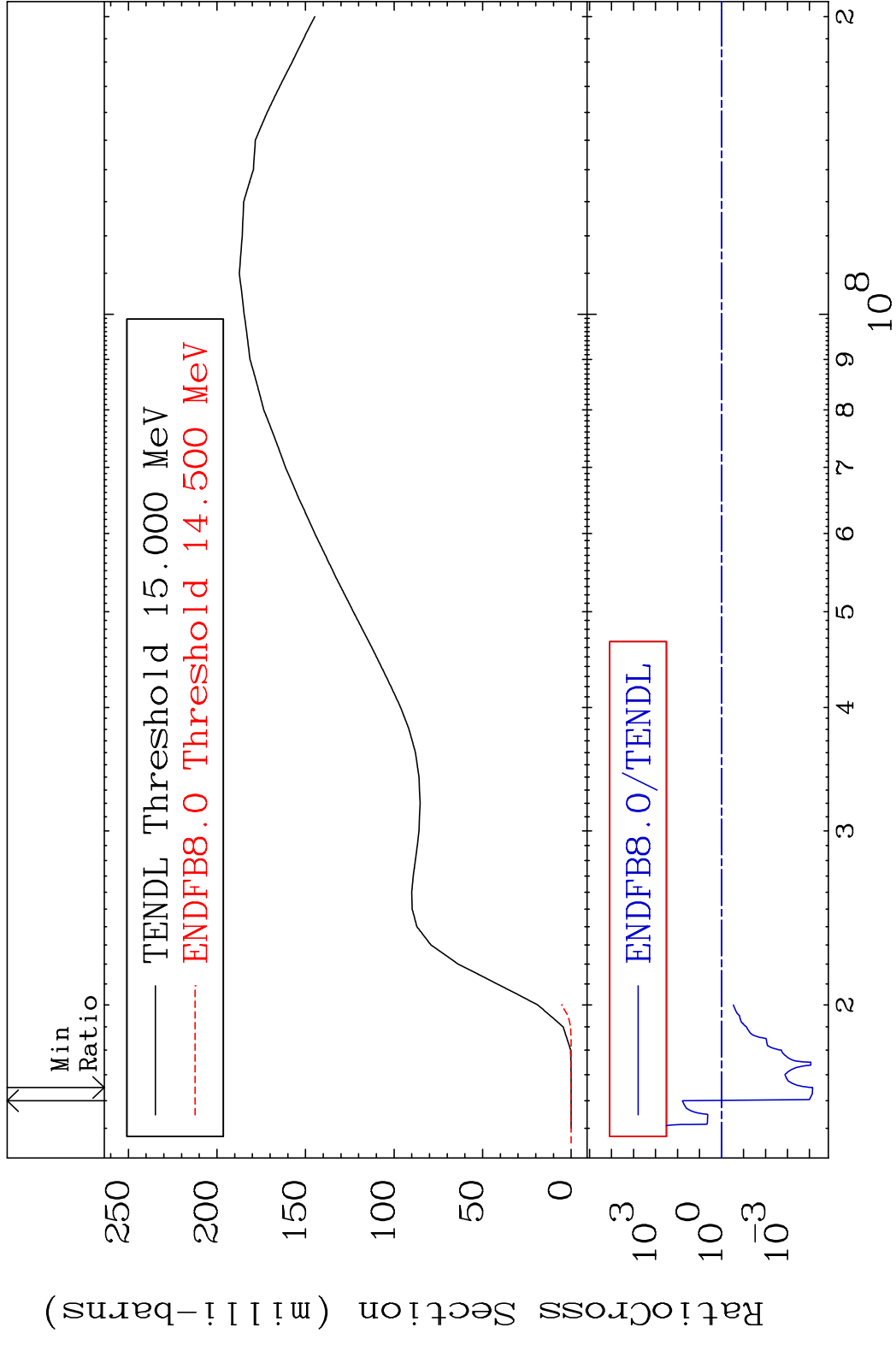


10

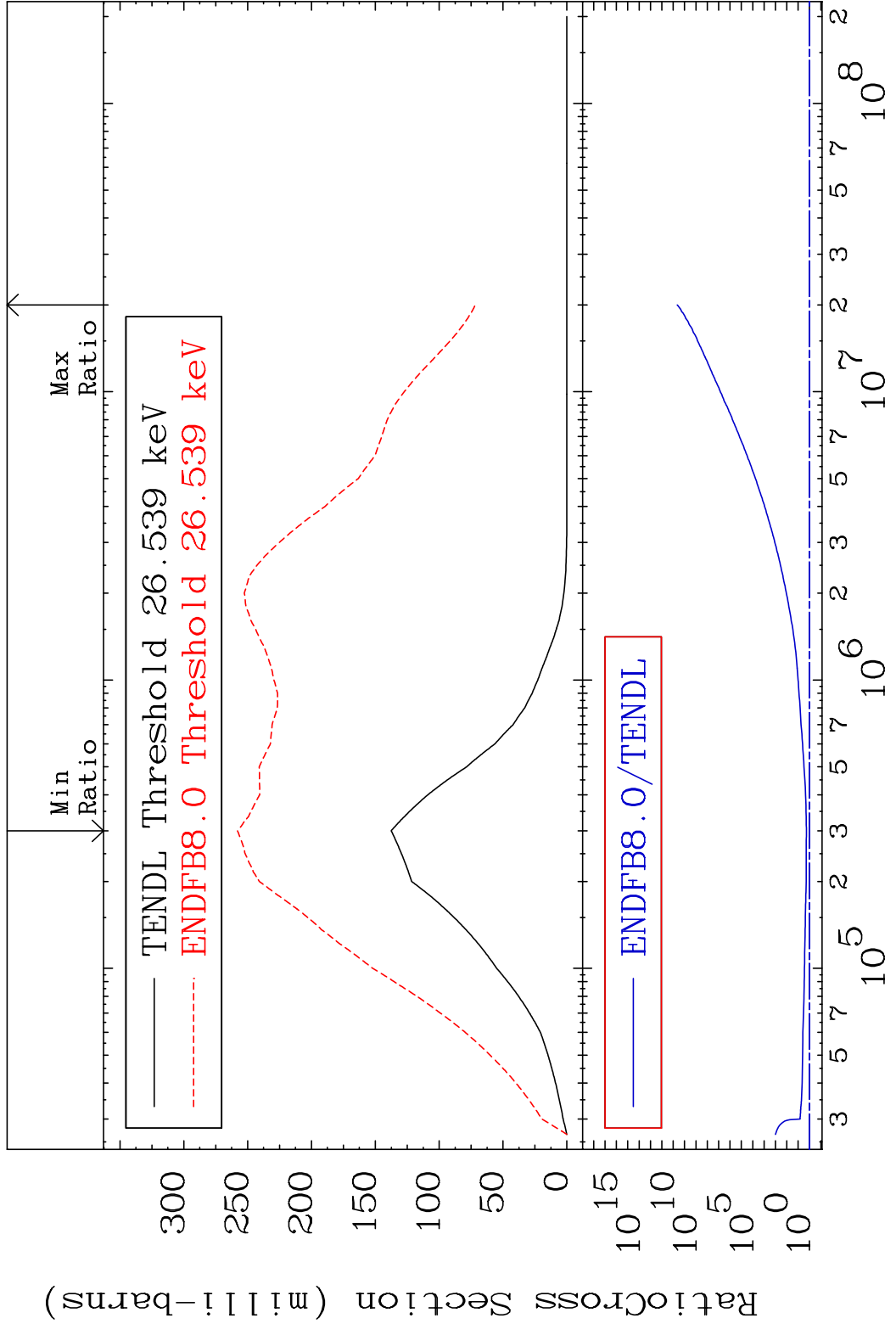
Incident Energy (eV)

93-Np-238

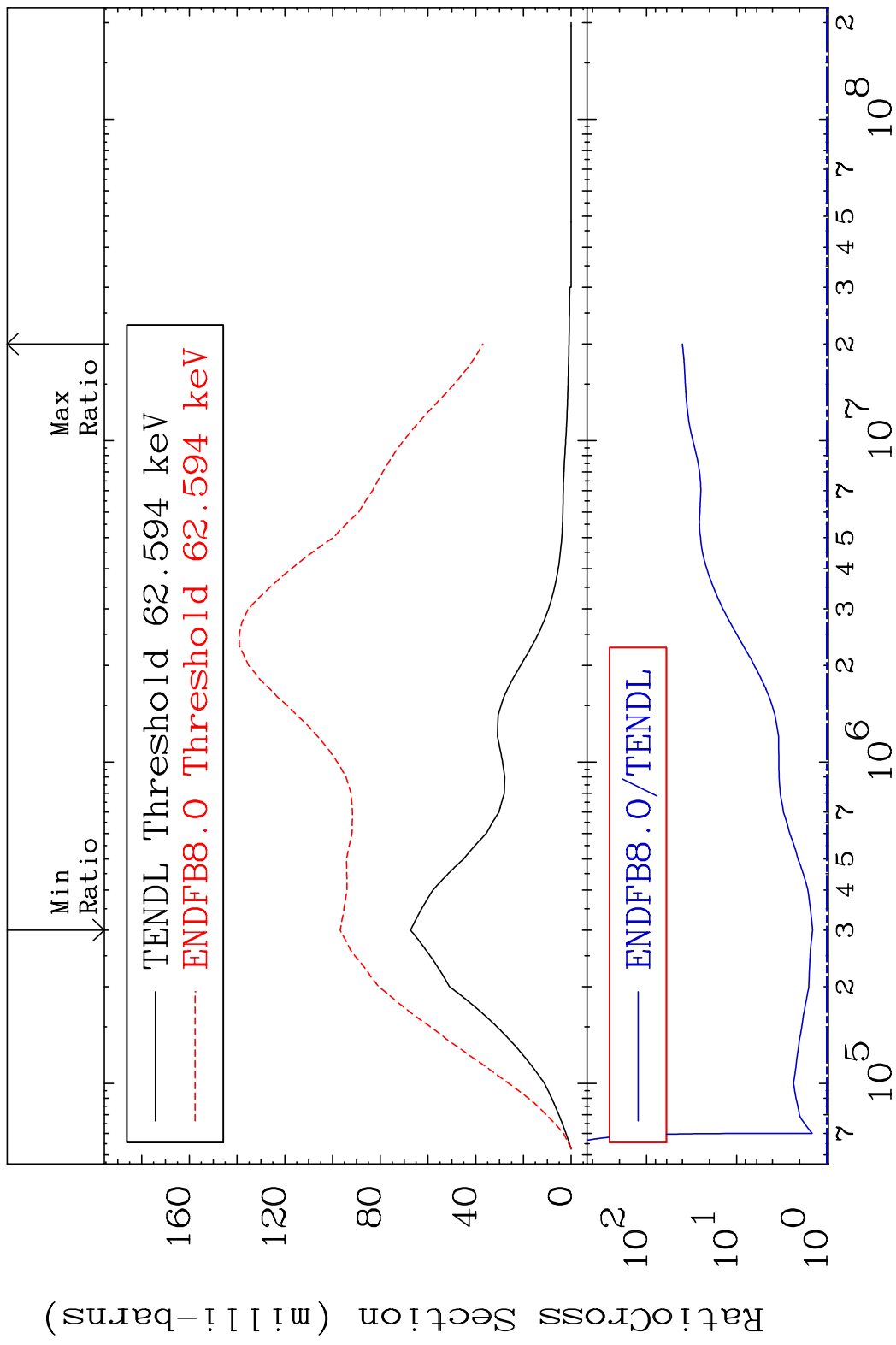
MAT 9349 (n,3nf) Fourth Chance 93-Np-238  
 Cross Section -99.99 To 5939. %



MAT 9349 MT= 51 (n, n') Level 93-Np-238  
 Cross Section 87.45 To 9999. %

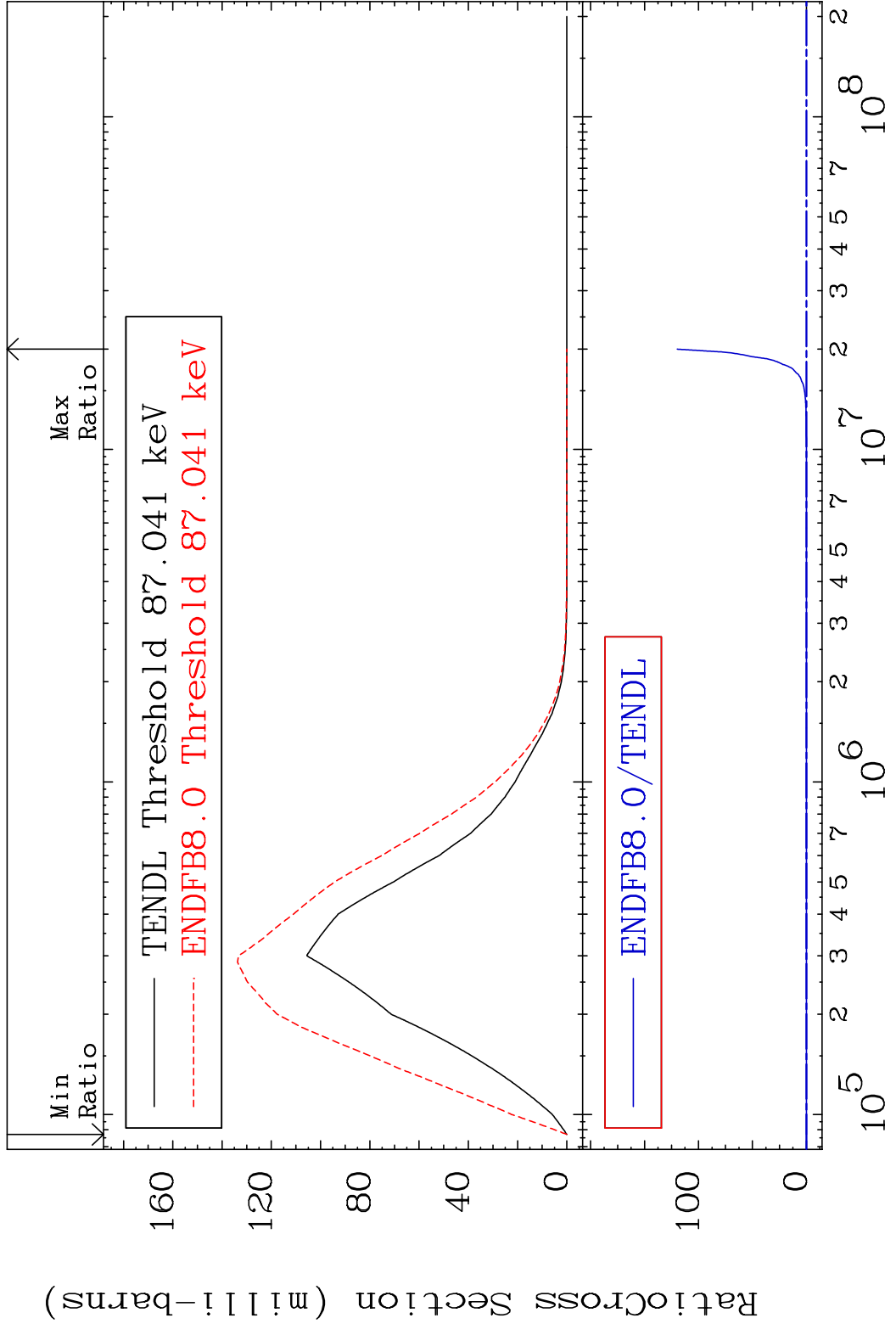


MAT 9349 MT= 52 (n, n') Level 93-Np-238  
 Cross Section 43.81 To 3914. %



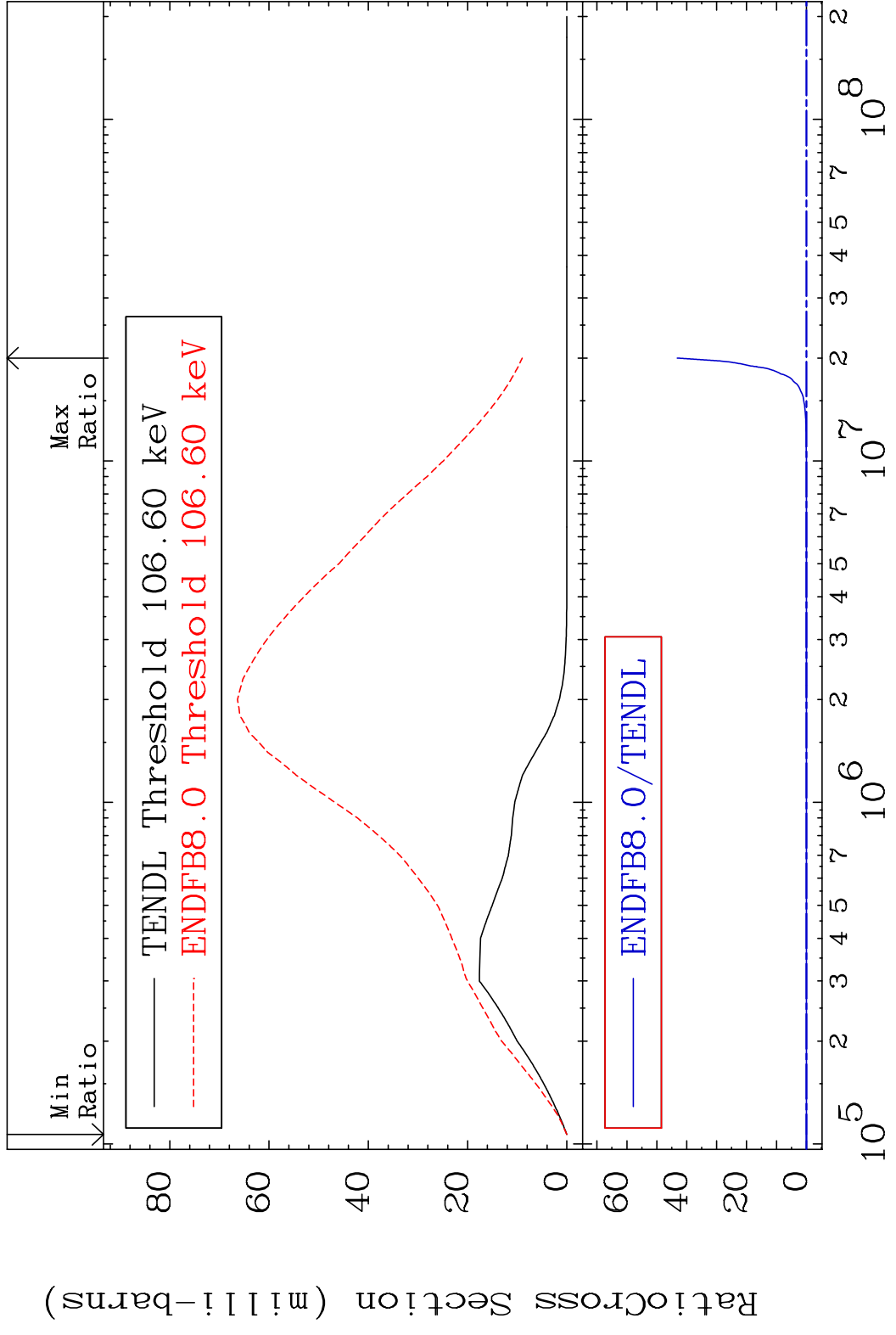
13 Incident Energy (eV) 93-Np-238

MAT 9349 MT= 53 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %



14 Incident Energy (eV) 93-Np-238

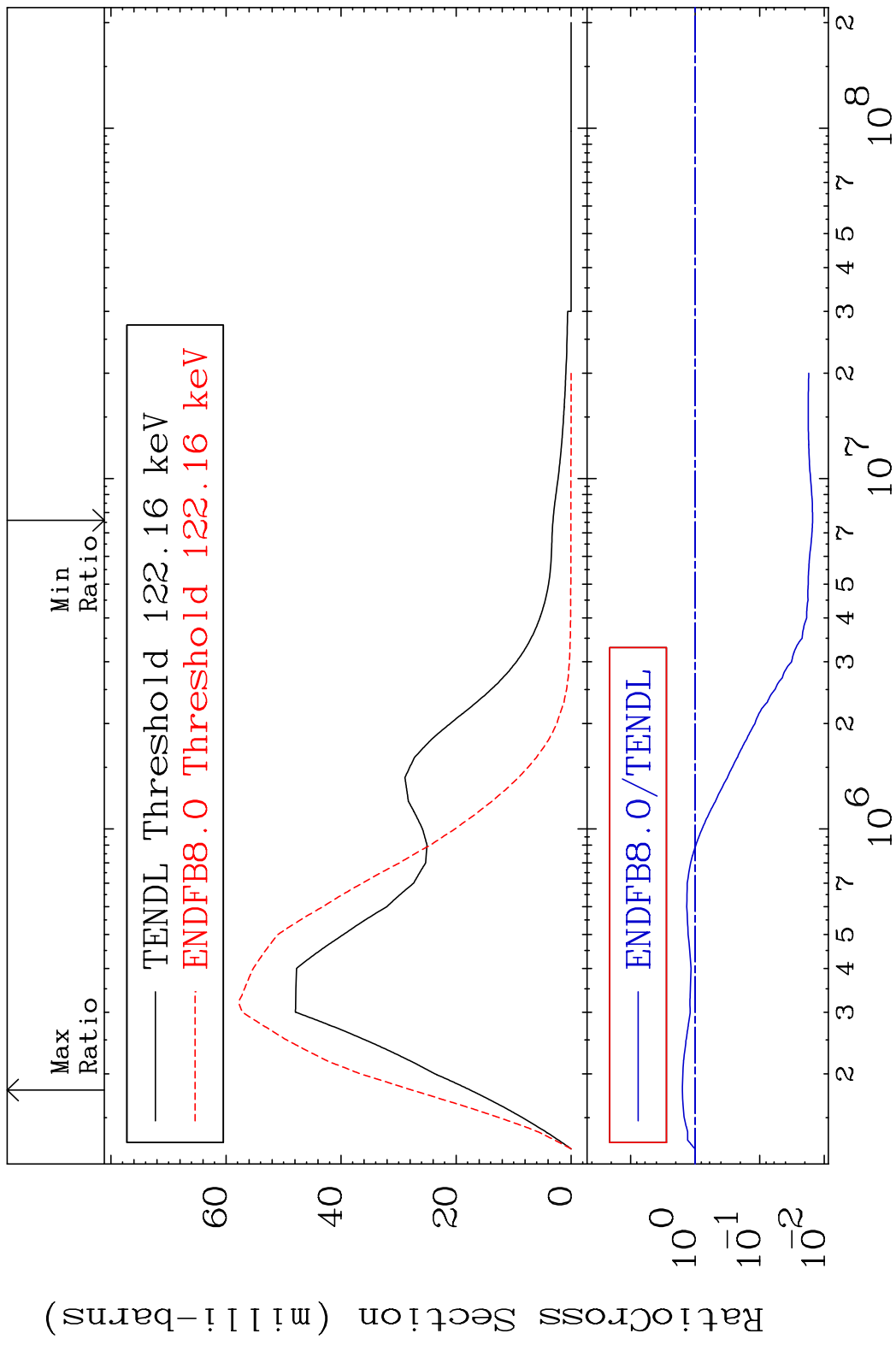
MAT 9349 MT= 54 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %



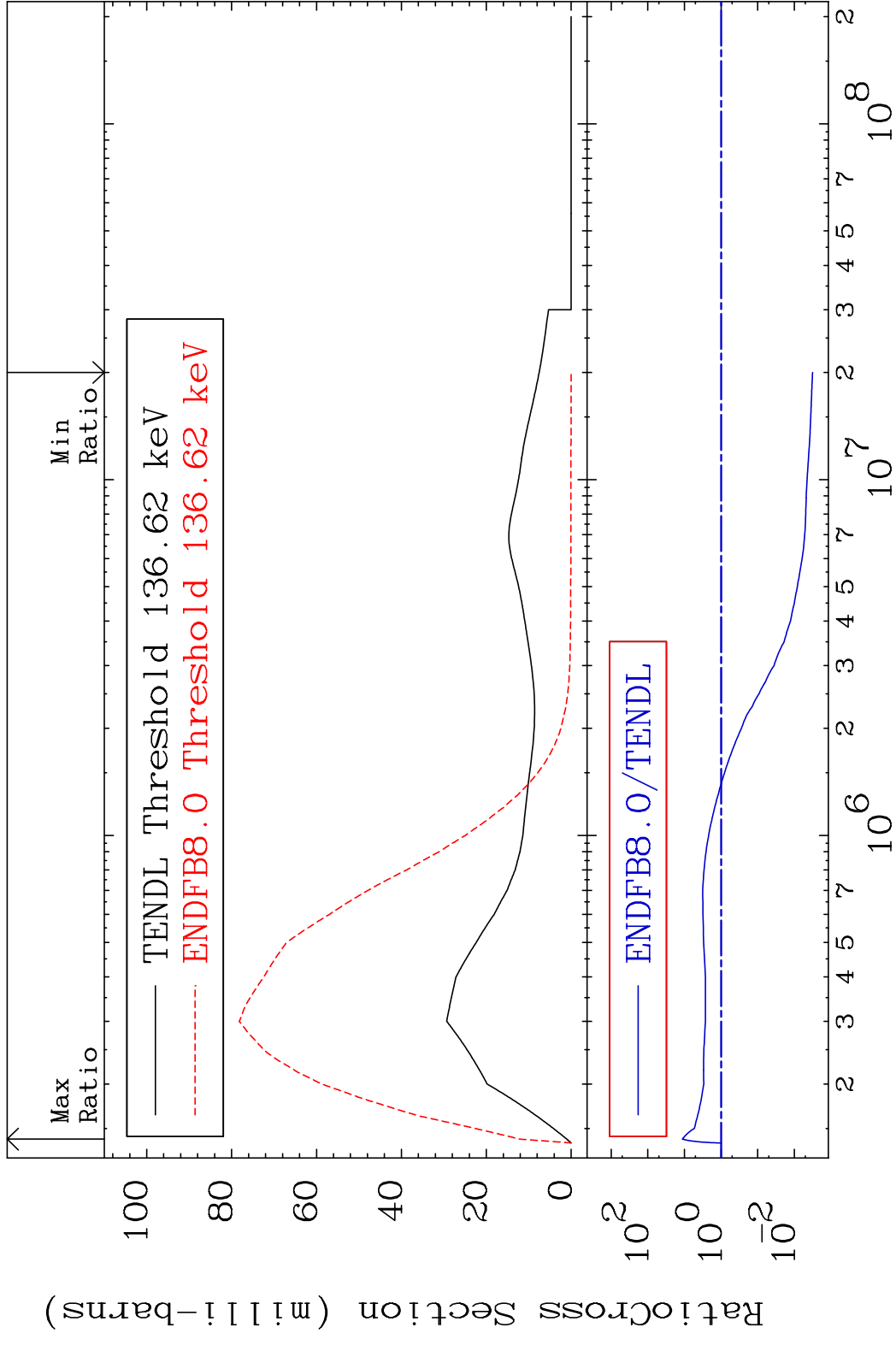
15 Incident Energy (eV) 93-Np-238



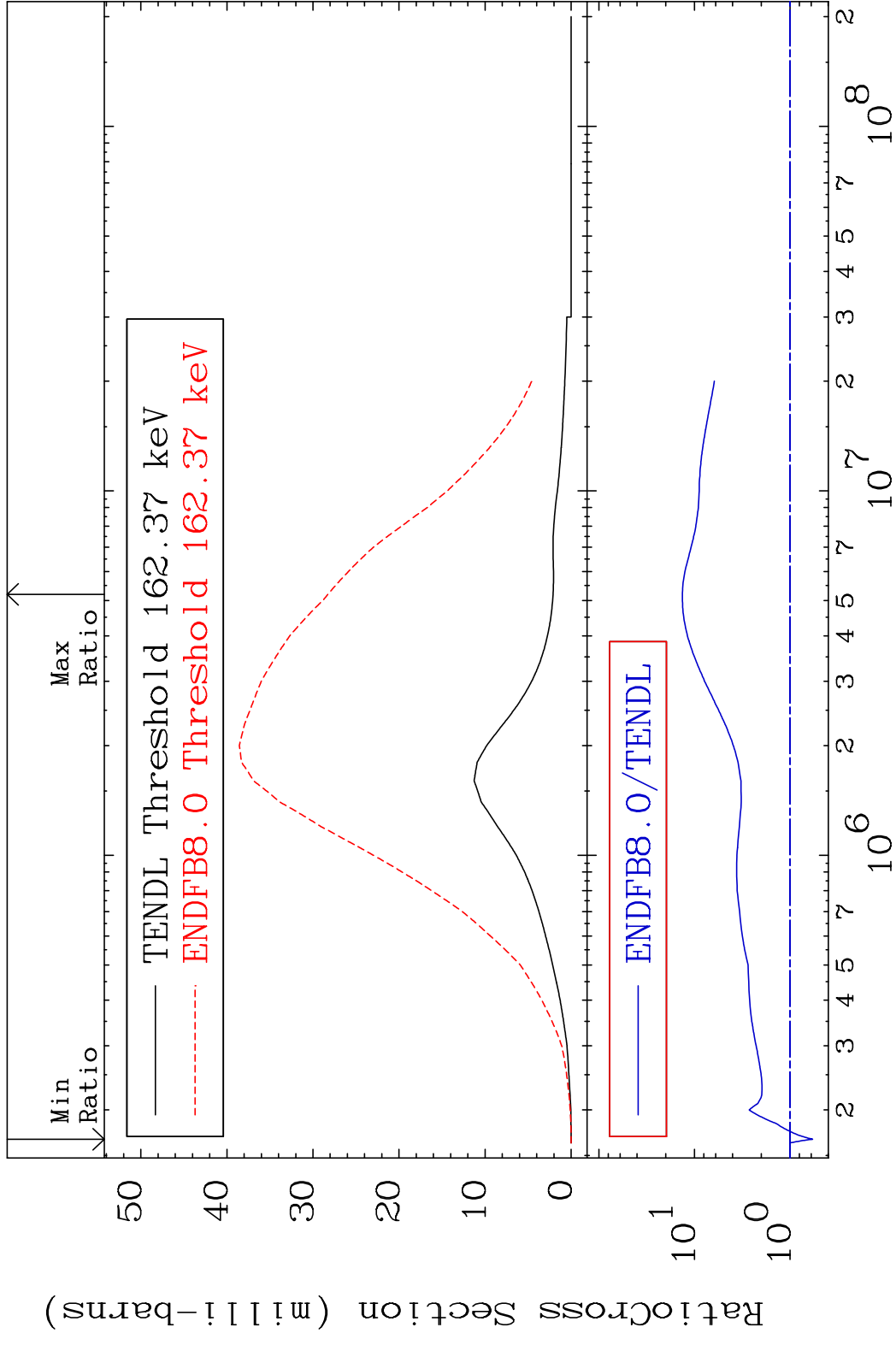
MAT 9349 MT= 55 (n, n') Level 93-Np-238  
 Cross Section -98.48 To 57.96 %



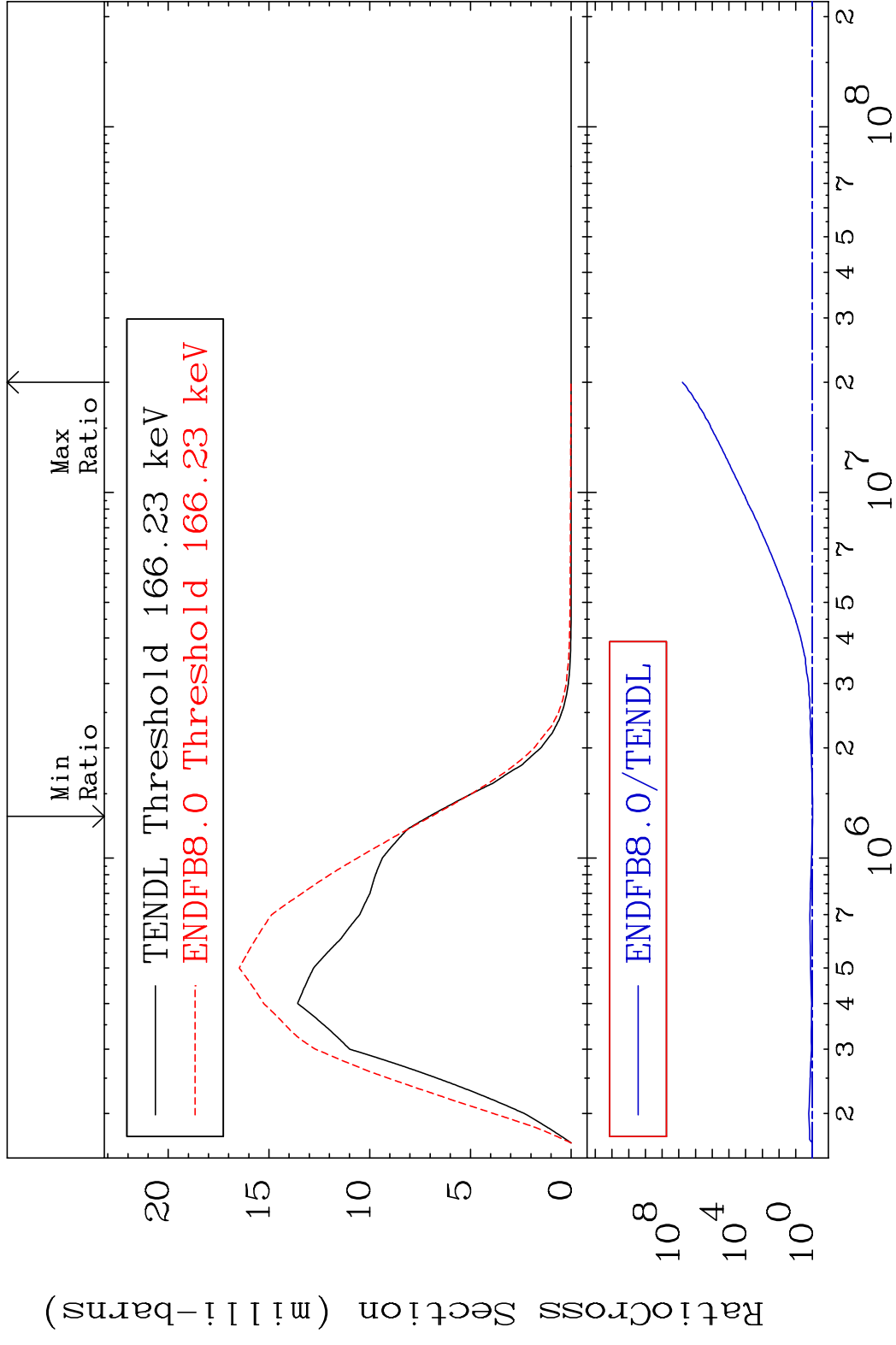
MAT 9349 MT= 56 (n, n') Level 93-Np-238  
 Cross Section -99.68 To 1042. %



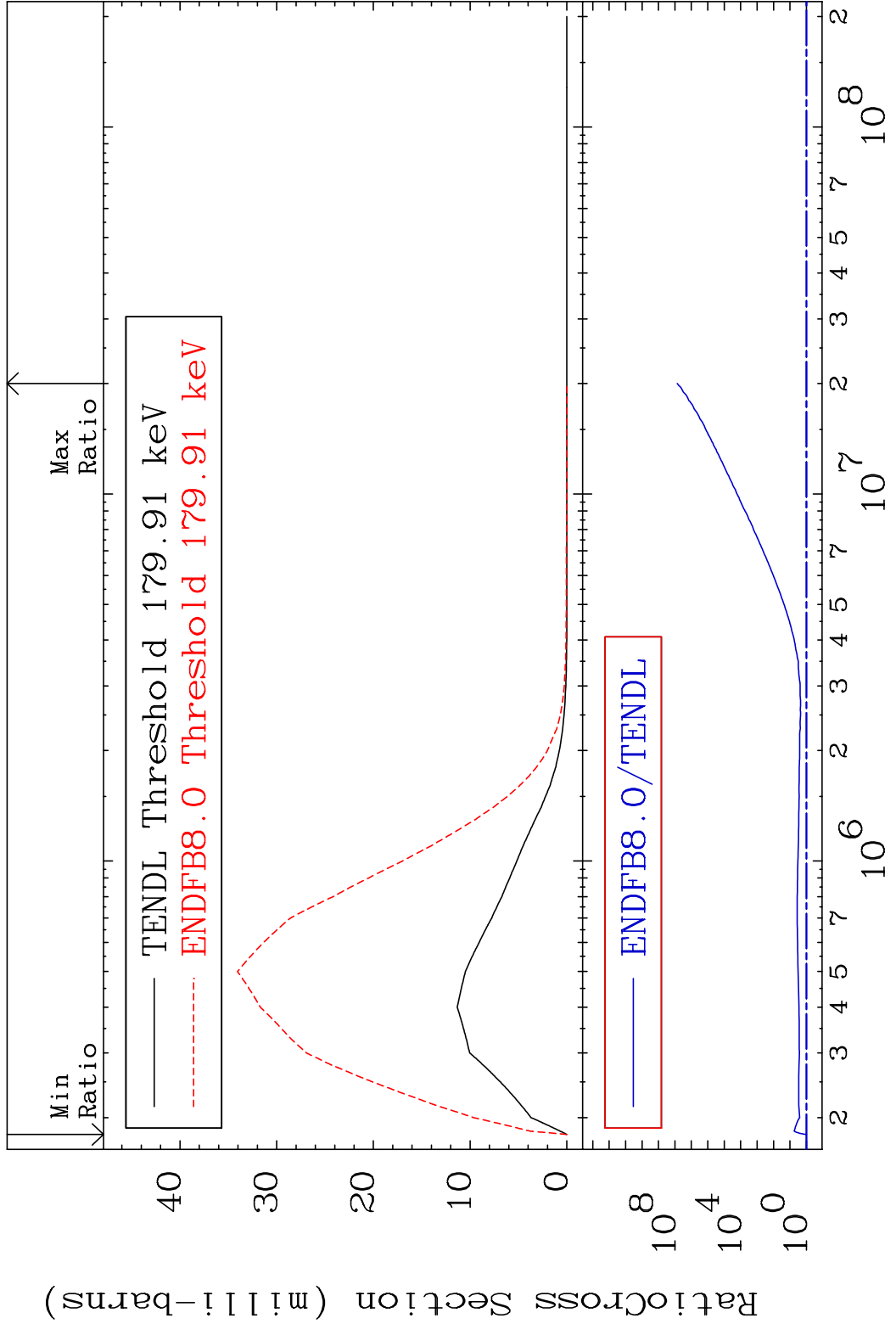
MAT 9349 MT= 57 (n, n') Level 93-Np-238  
 Cross Section -41.84 To 1242. %



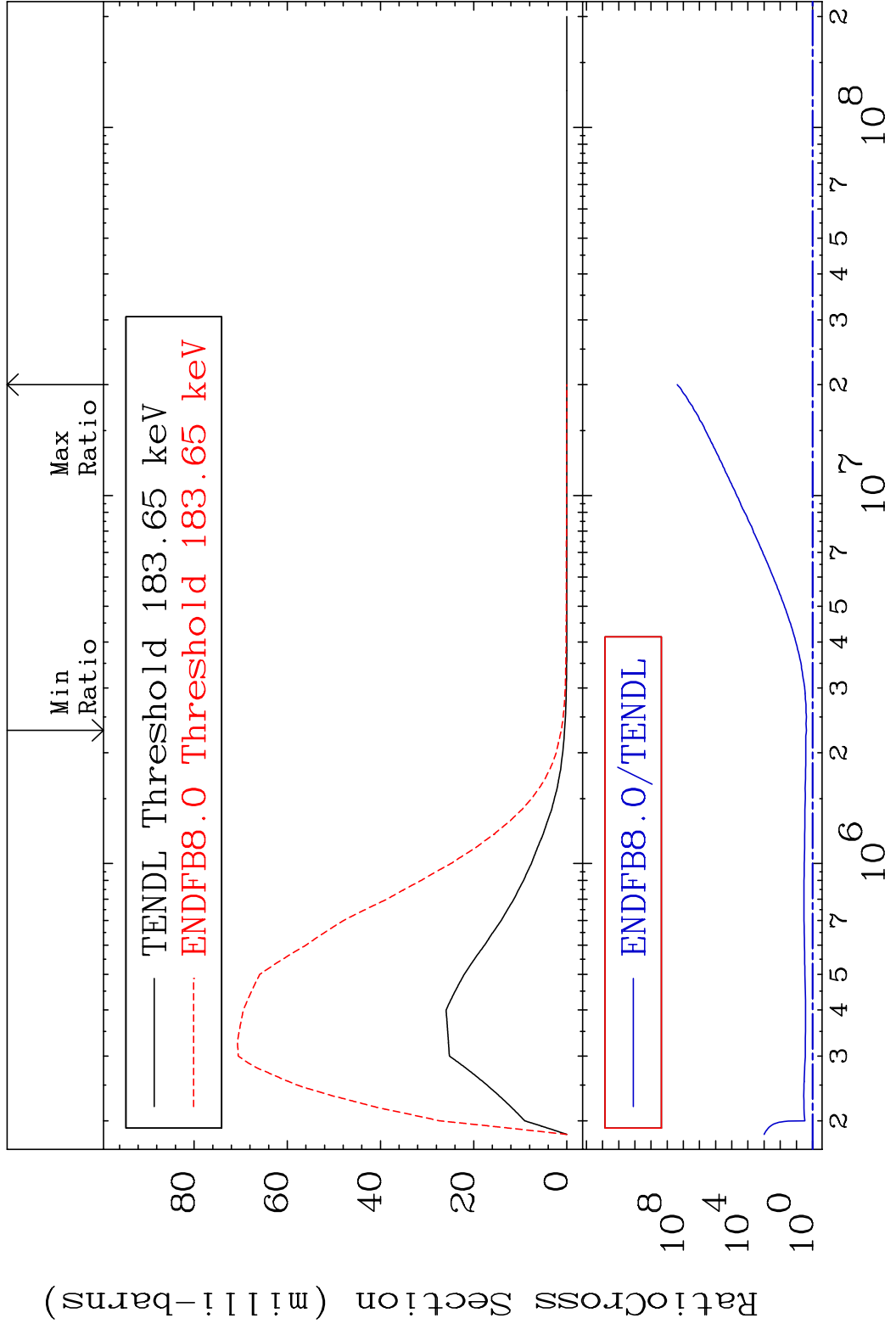
MAT 9349 MT= 58 (n, n') Level 93-Np-238  
 Cross Section -1.581 To 9999. %



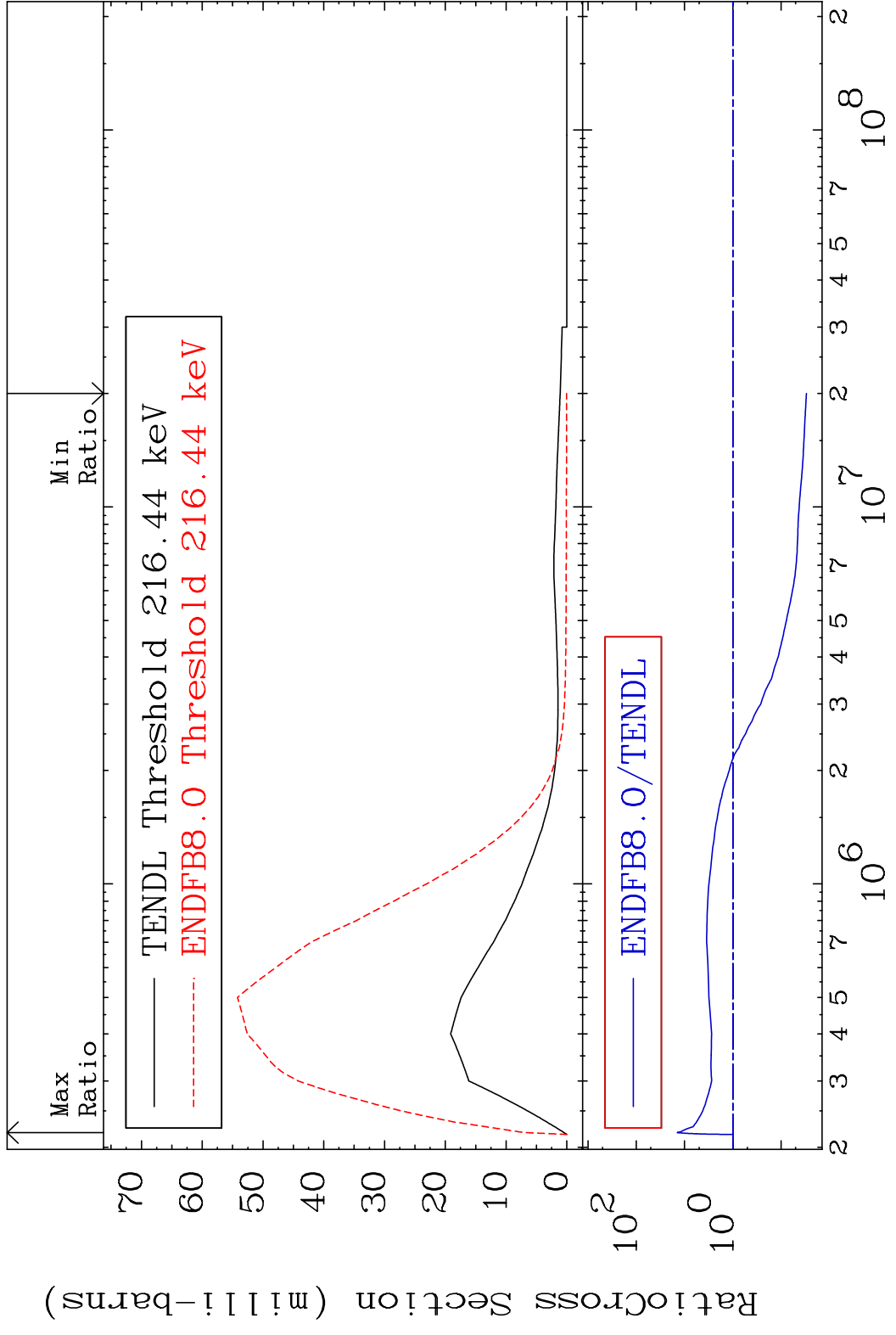
MAT 9349 MT= 59 (n, n') Level 93-Np-238  
 Cross Section 0.000 To 9999. %



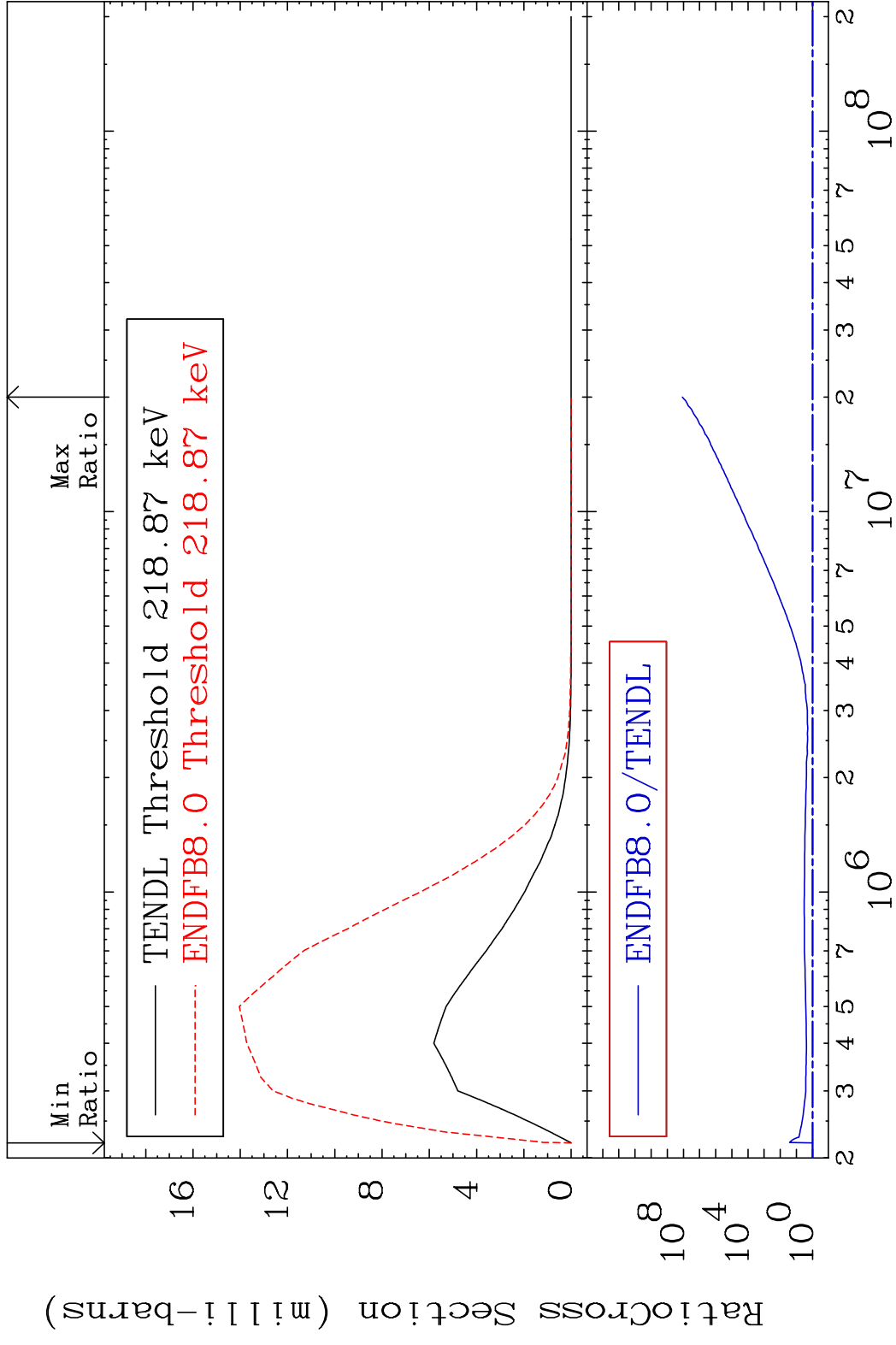
MAT 9349 MT= 60 (n, n') Level 93-Np-238  
 Cross Section 140.4 To 9999. %



MAT 9349 MT= 61 (n, n') Level 93-Np-238  
 Cross Section -97.00 To 1321. %

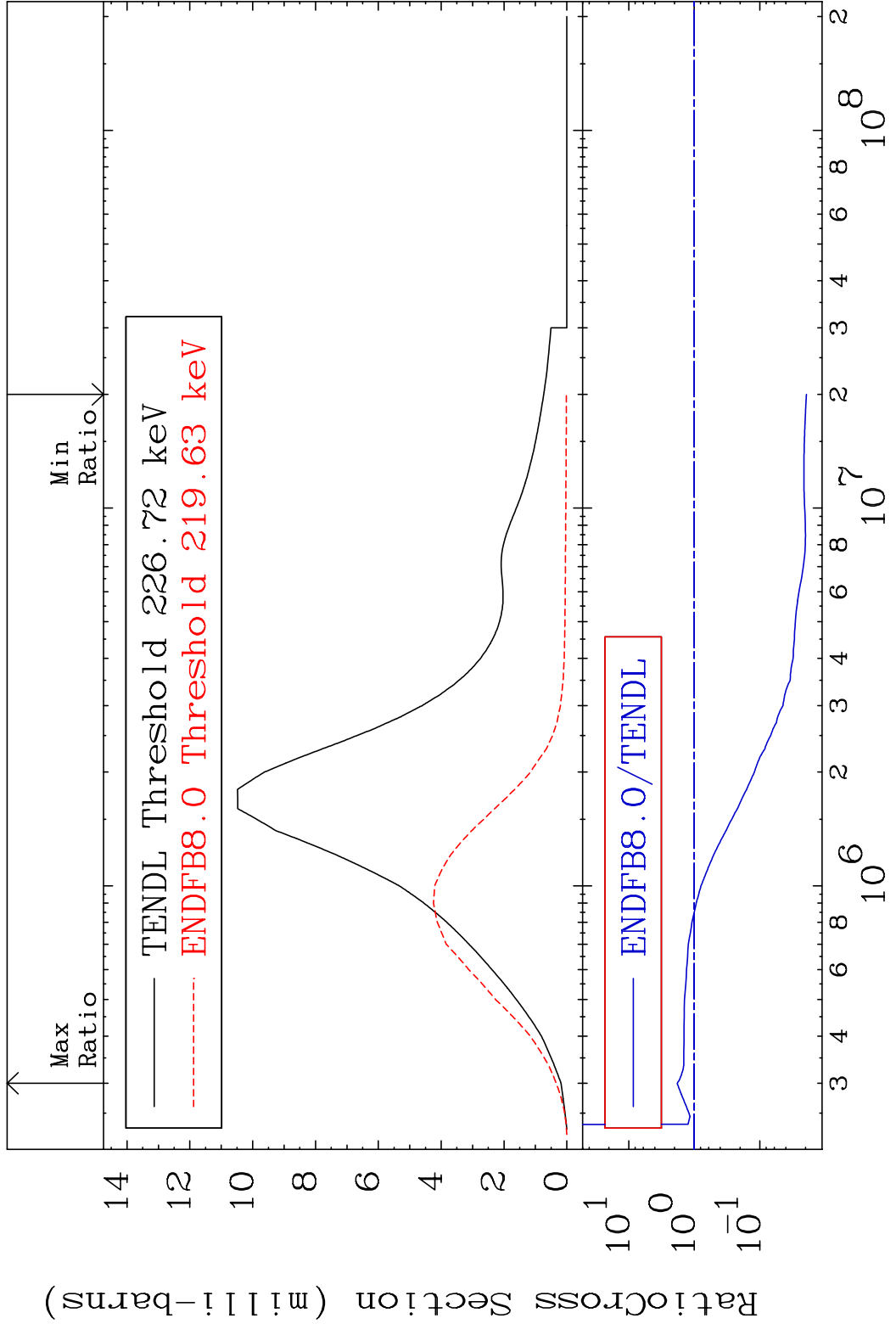


MAT 9349 MT= 62 (n, n') Level 93-Np-238  
 Cross Section 0.000 To 9999. %

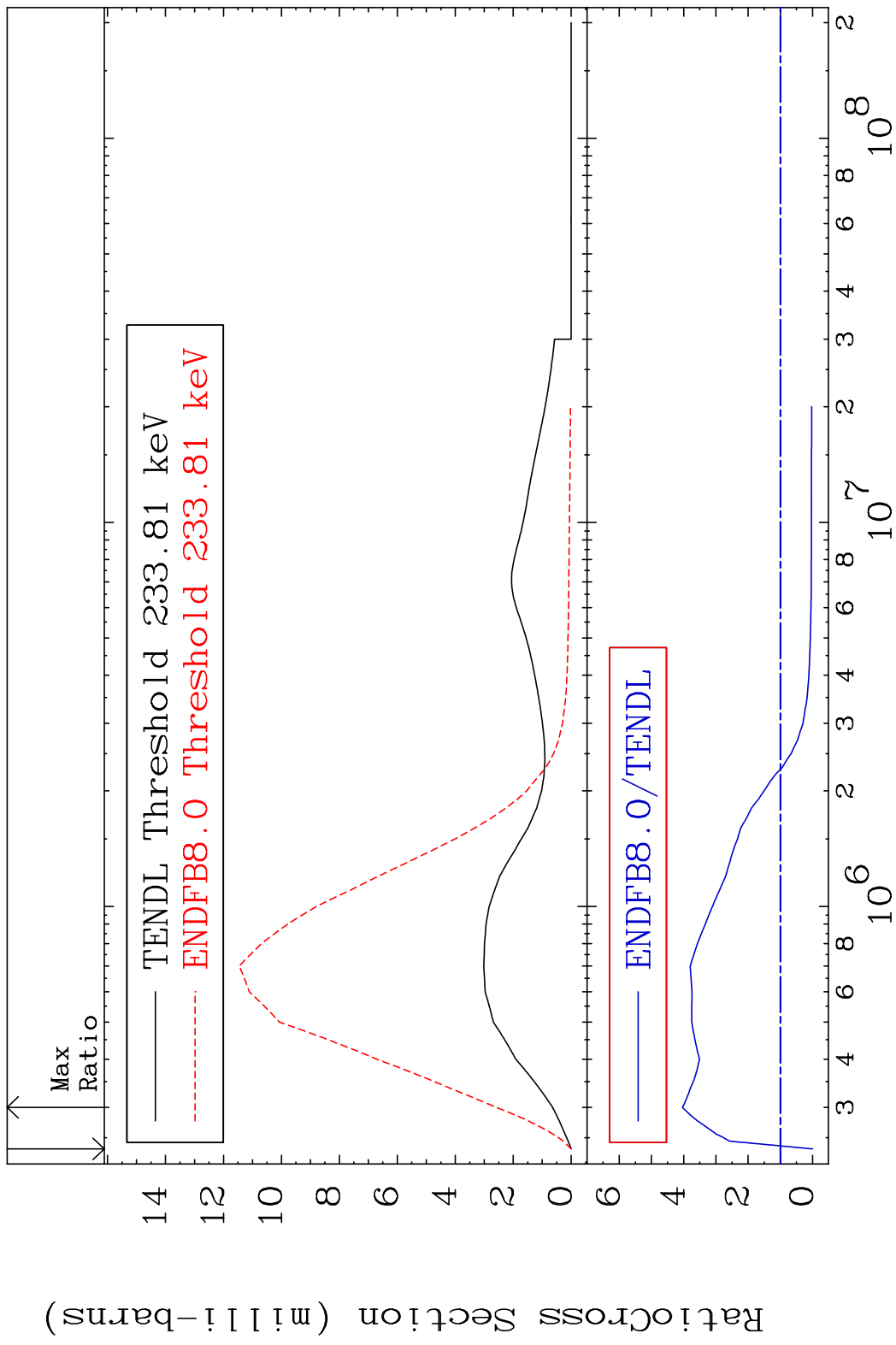




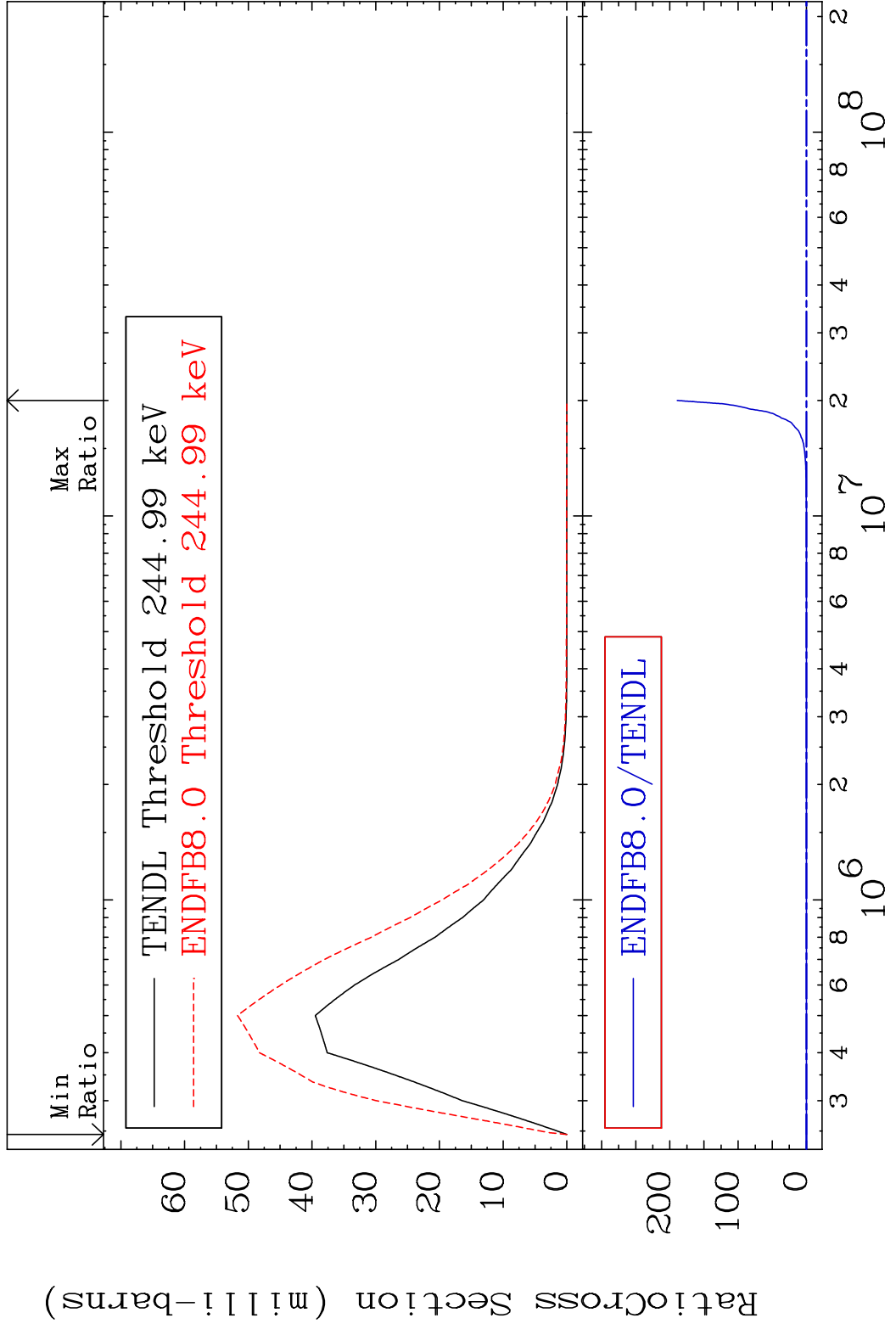
MAT 9349 MT= 63 (n, n') Level 93-Np-238  
 Cross Section -98.06 To 82.05 %



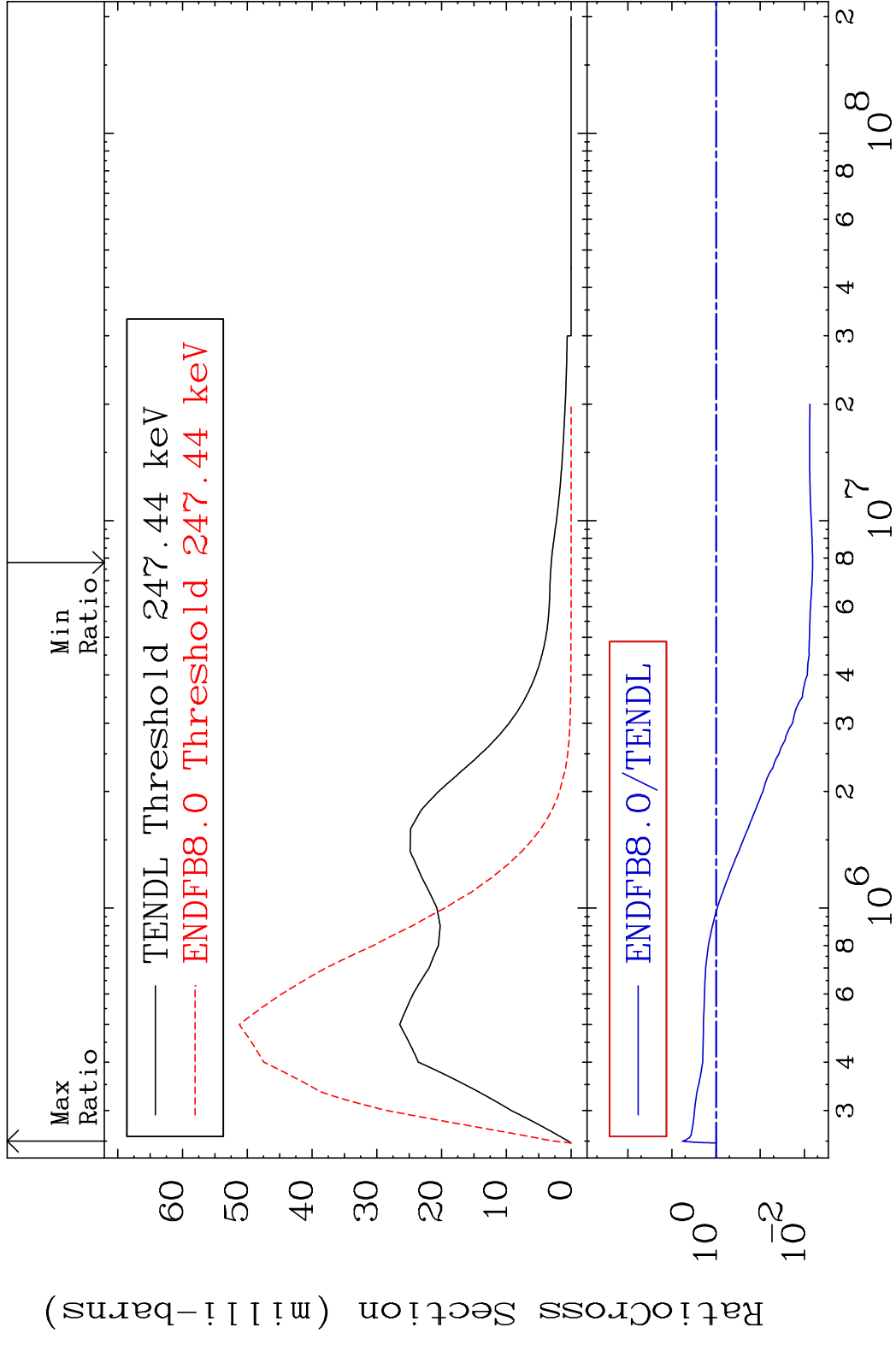
MAT 9349 MT= 64 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 304.1 %



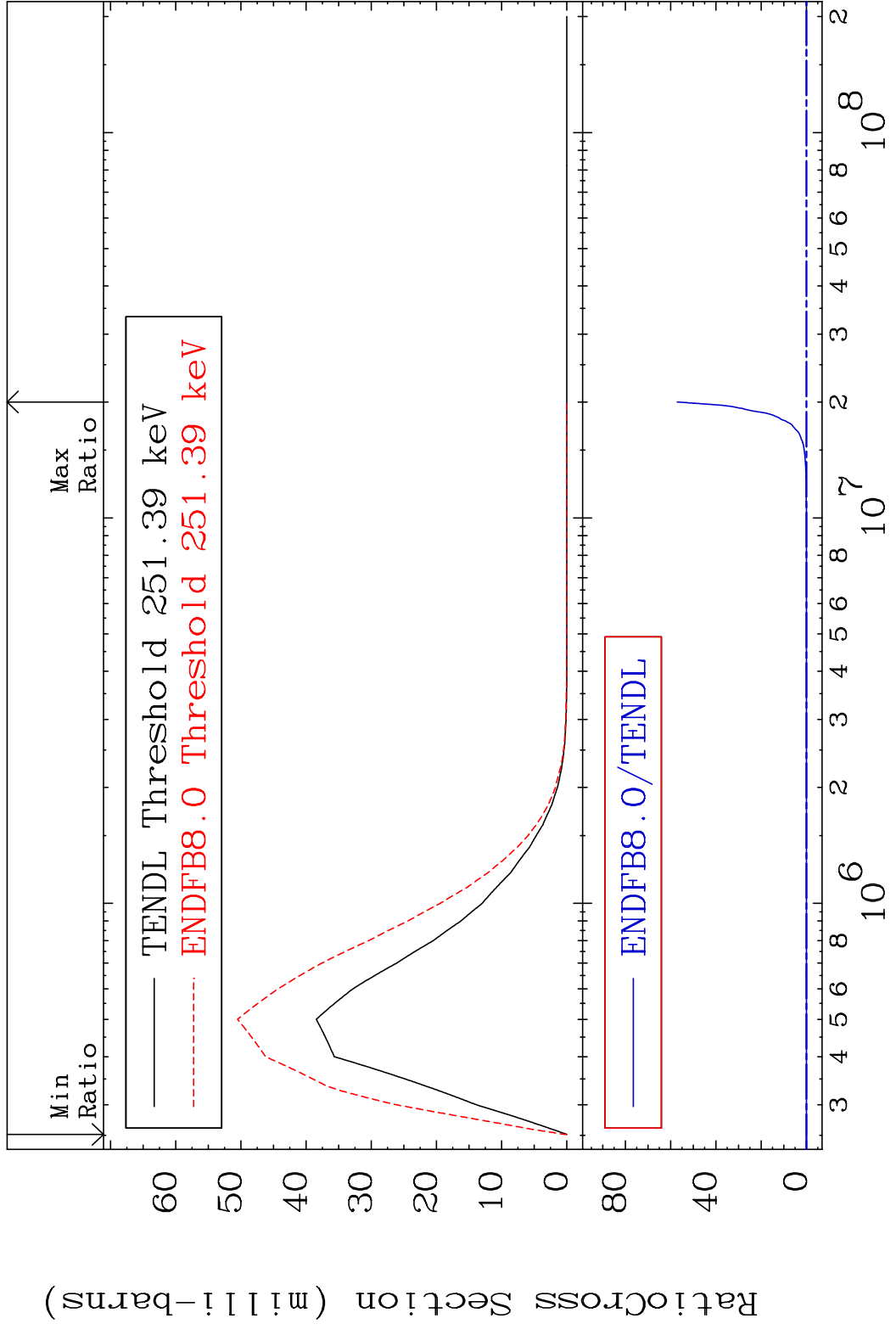
MAT 9349 MT= 65 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %



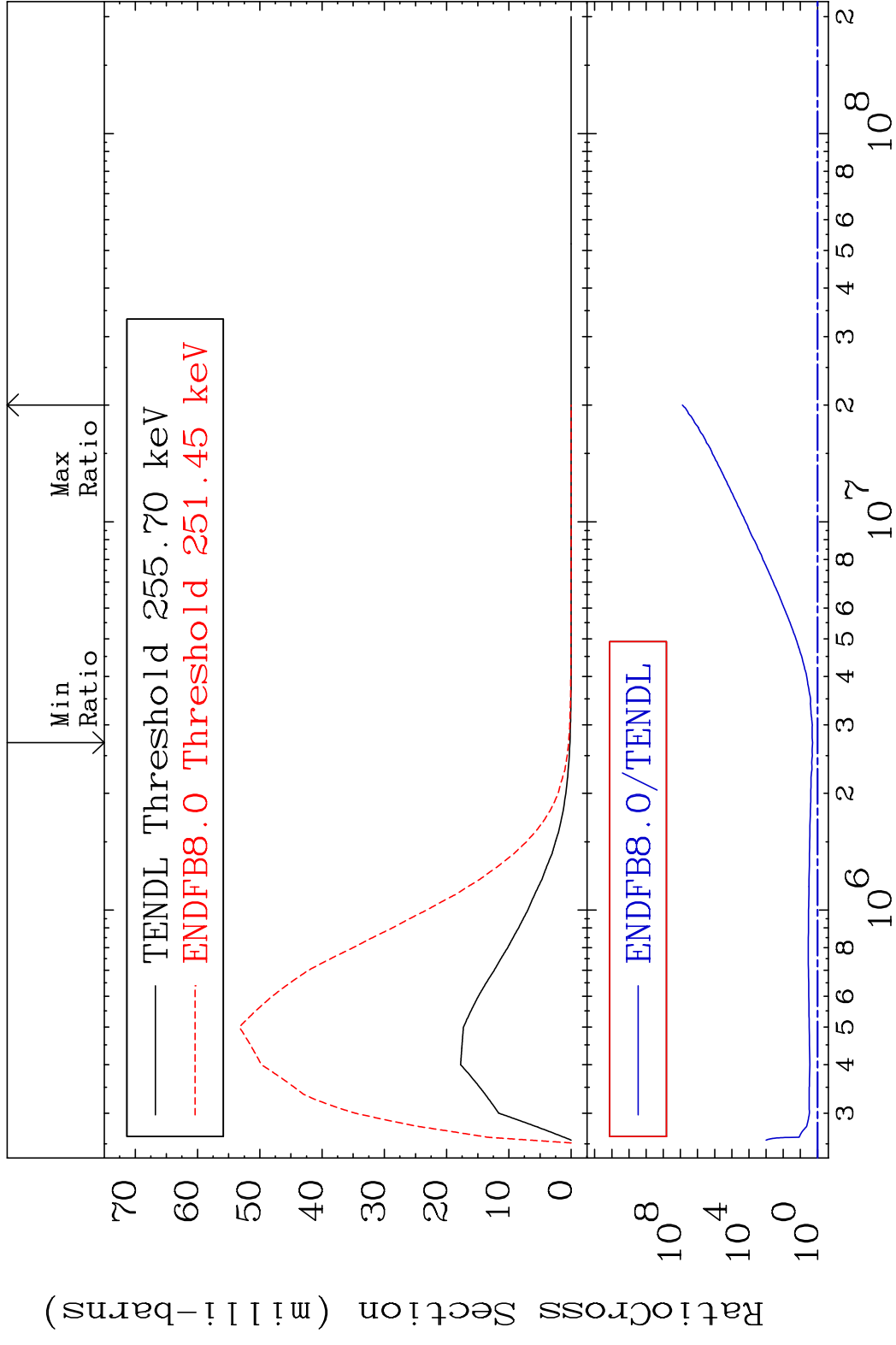
MAT 9349 MT= 66 (n, n') Level 93-Np-238  
 Cross Section -99.35 To 481.0 %



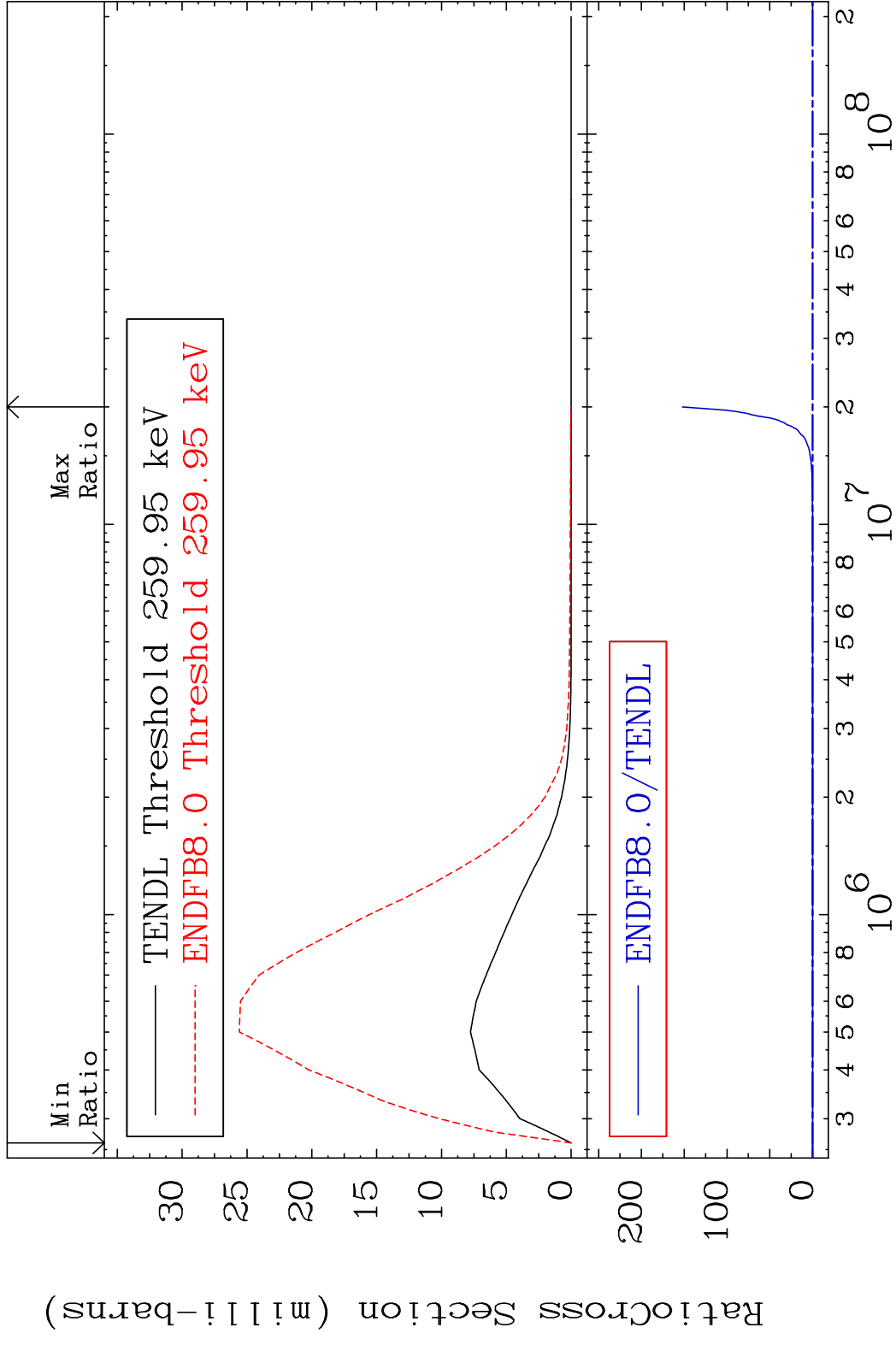
MAT 9349 MT= 67 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %



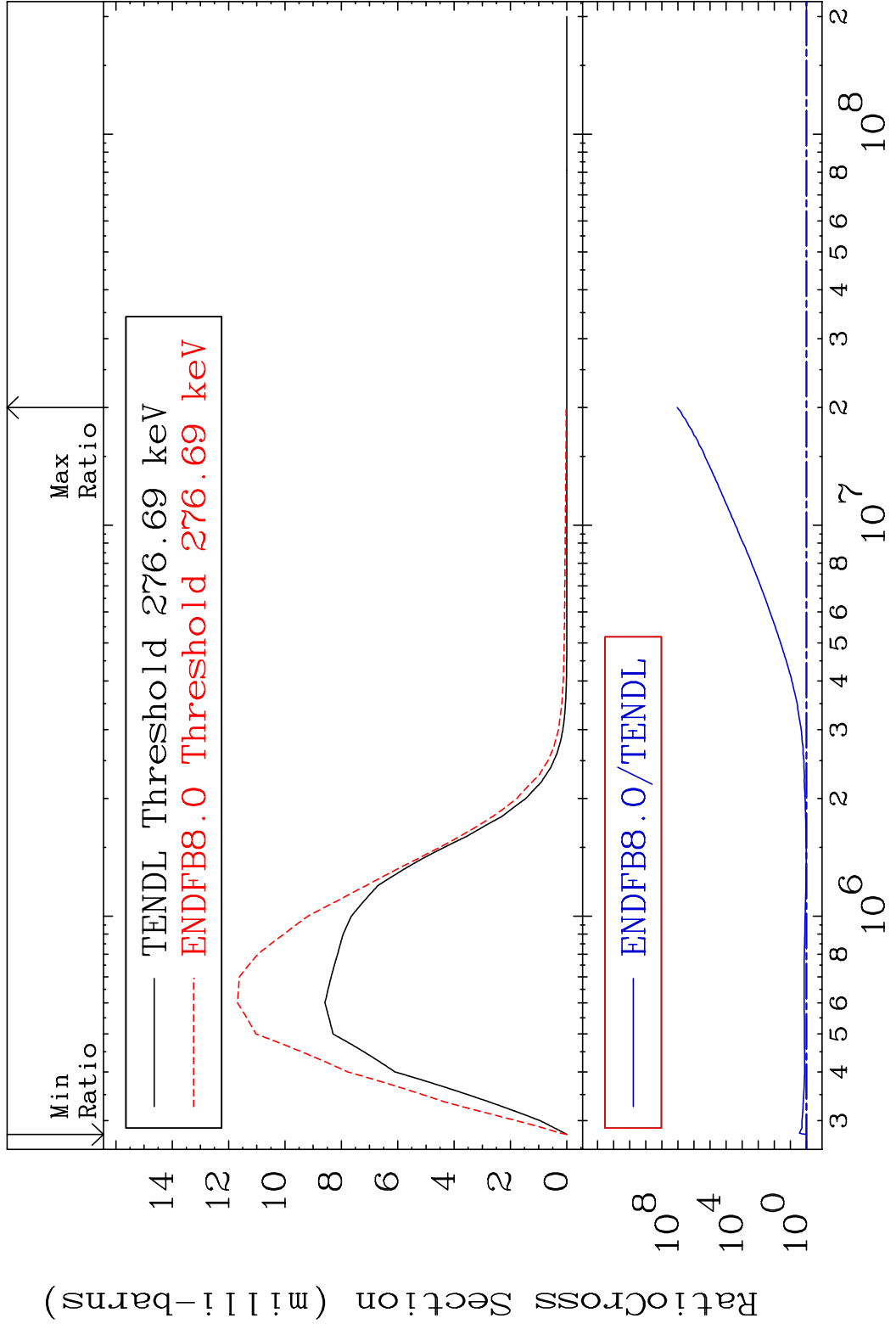
MAT 9349 MT= 68 (n, n') Level 93-Np-238  
 Cross Section 95.12 To 9999. %



MAT 9349 MT= 69 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %

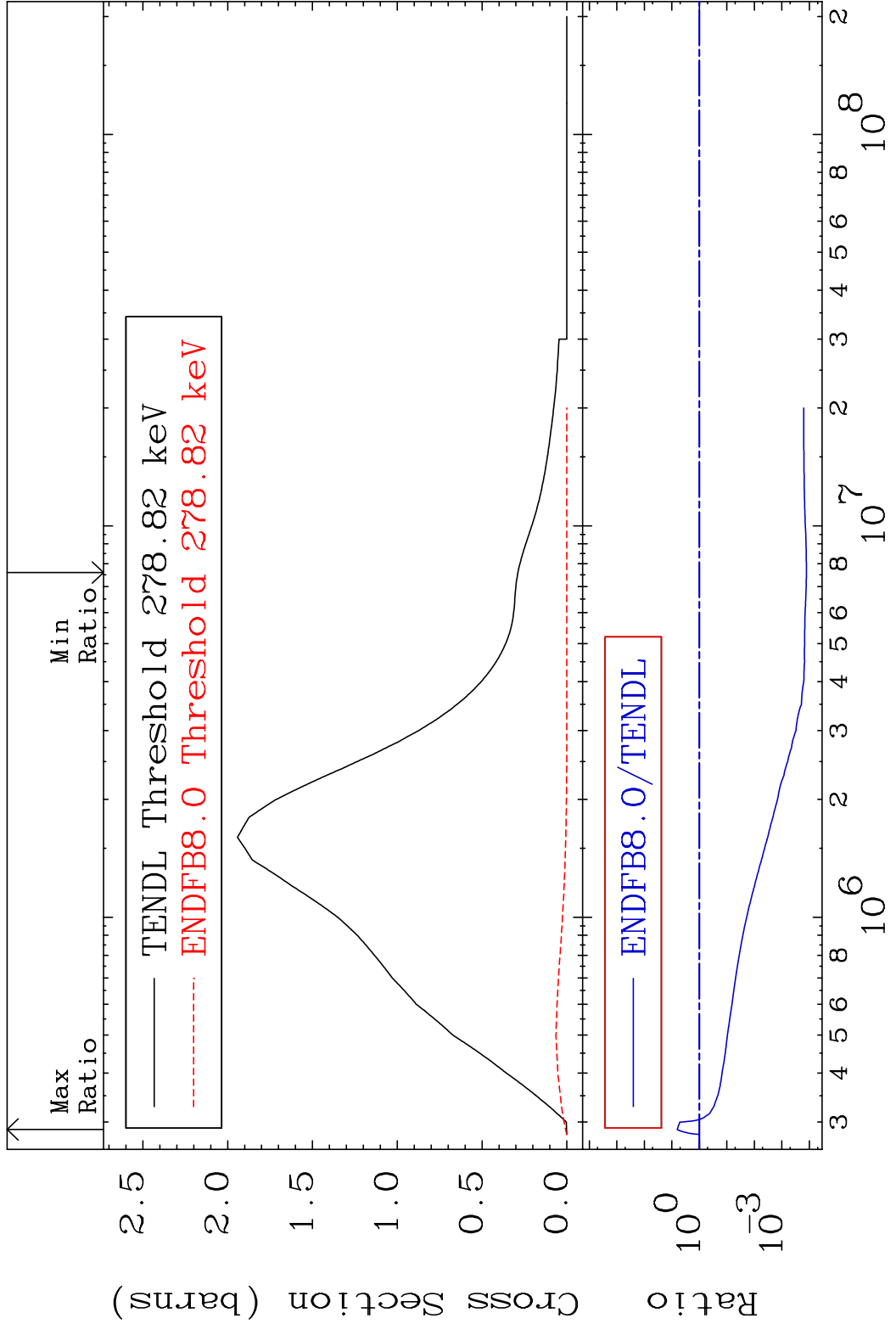


MAT 9349 MT= 70 (n,n') Level 93-Np-238  
 Cross Section 0.000 To 9999. %

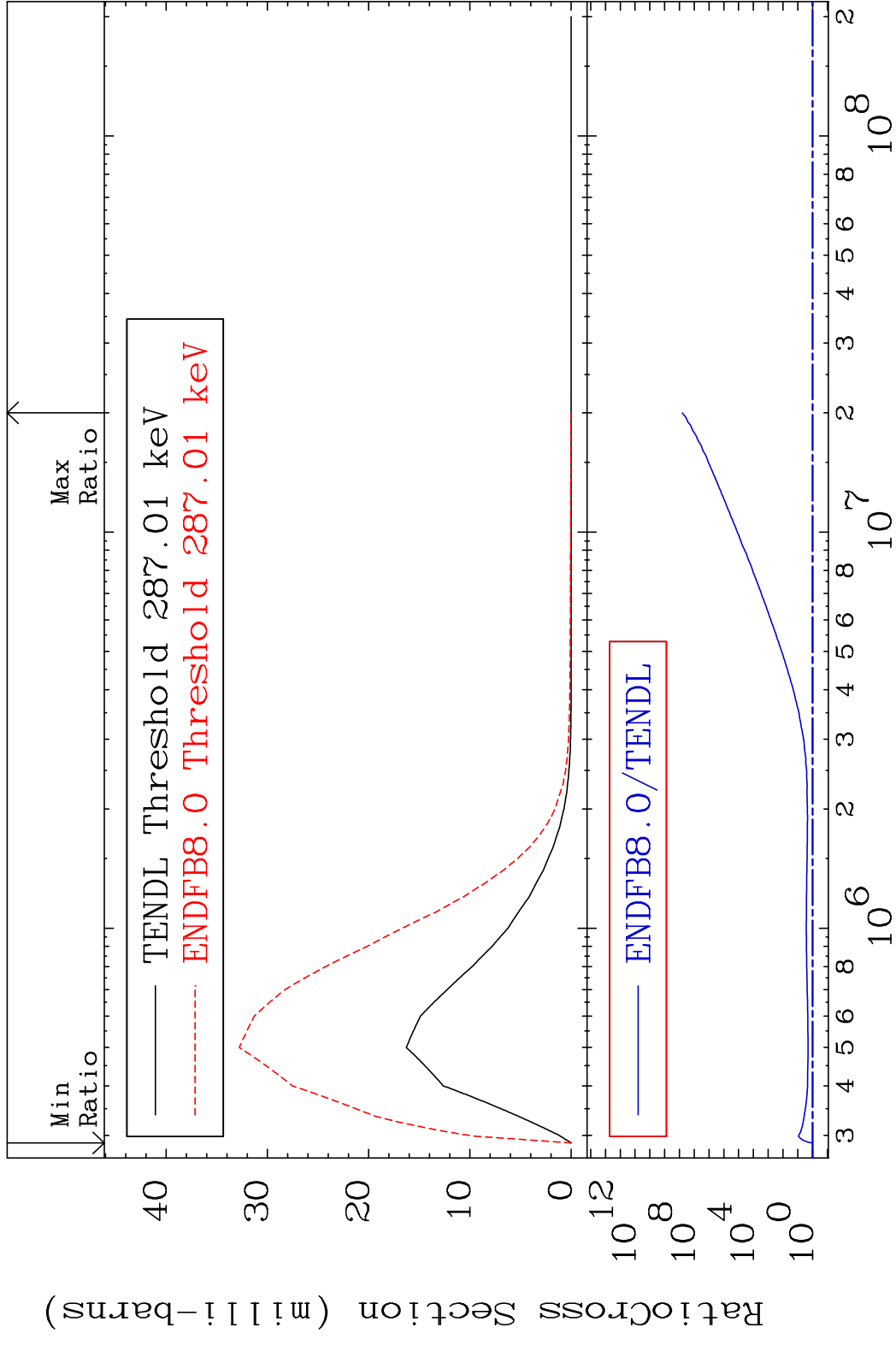




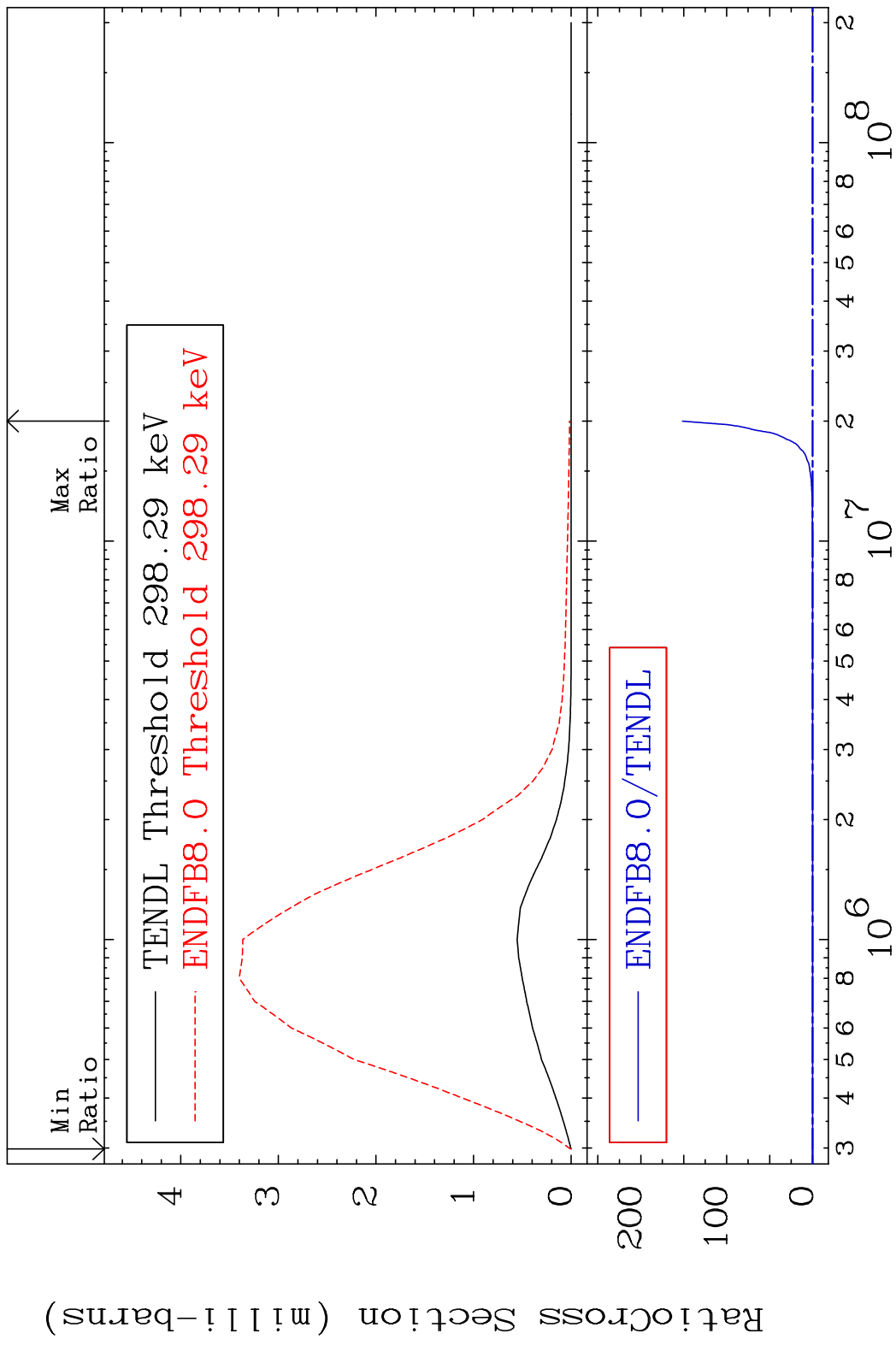
MAT 9349 MT= 71 (n, n') Level 93-Np-238  
 Cross Section -99.99 To 540.9 %



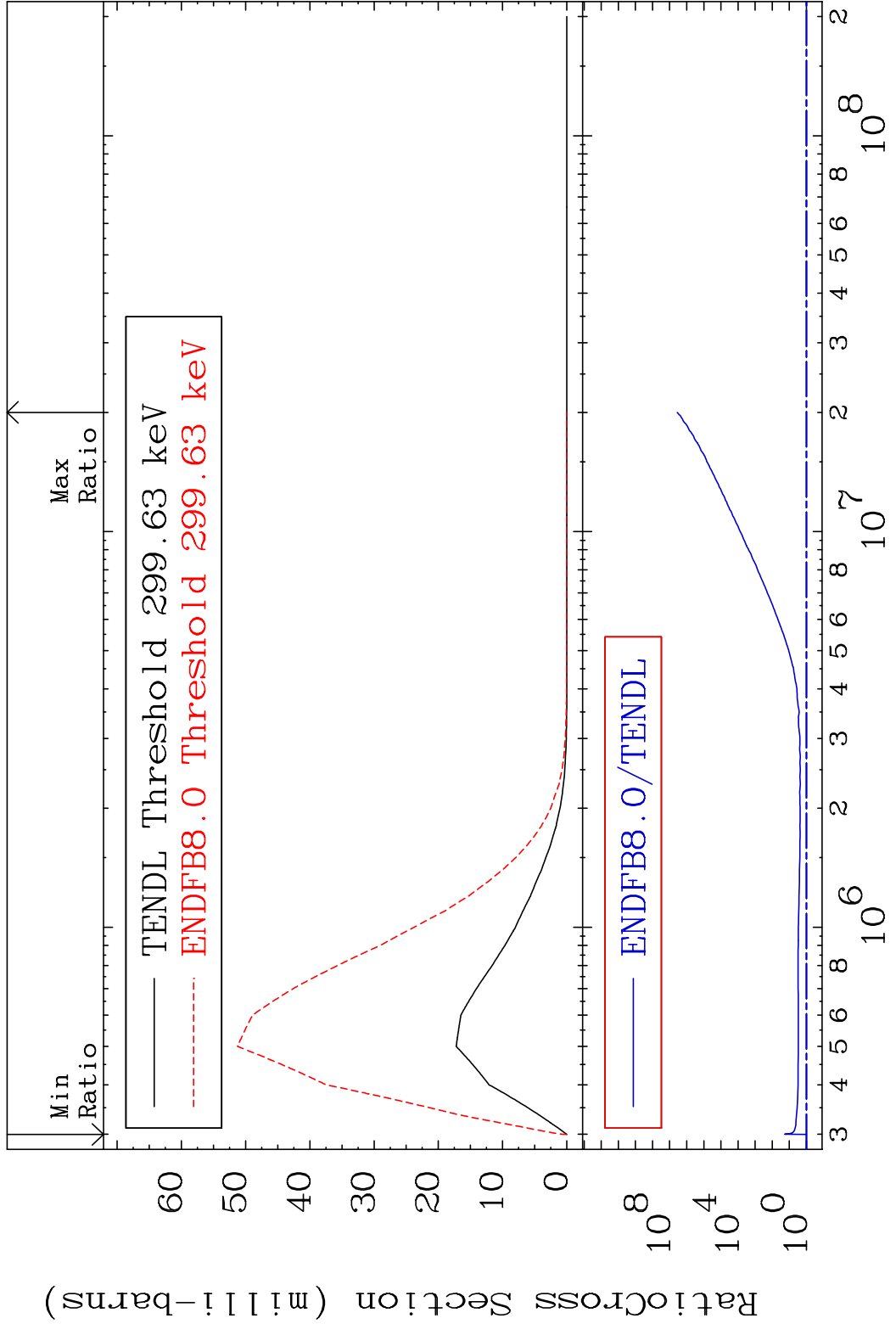
MAT 9349 MT= 72 (n, n') Level 93-Np-238  
 Cross Section 0.000 To 9999. %



MAT 9349 MT= 73 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %

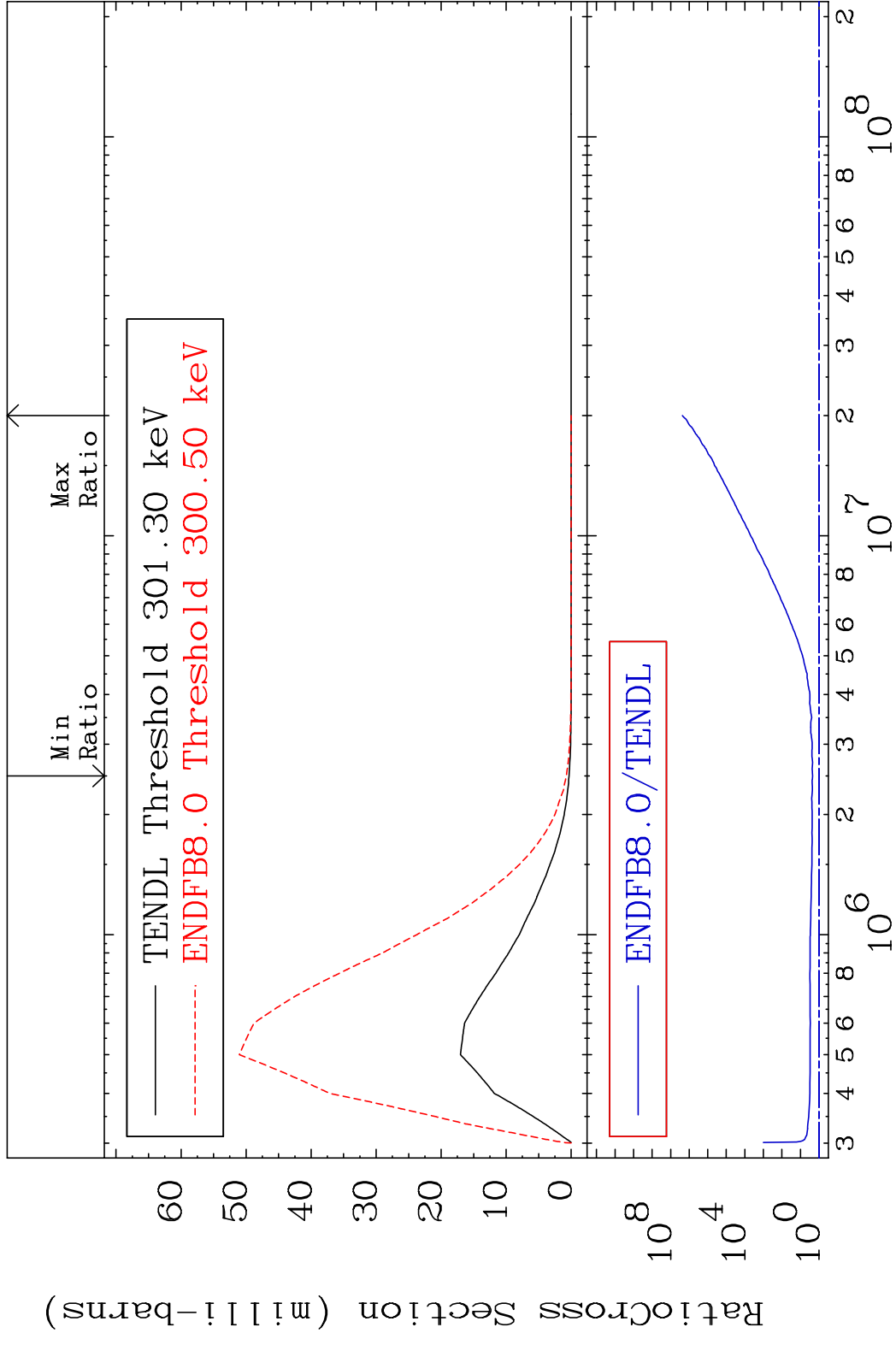


MAT 9349 MT= 74 (n, n') Level 93-Np-238  
 Cross Section 0.000 To 9999. %



35 Incident Energy (eV) 93-Np-238

MAT 9349 MT= 75 (n, n') Level 93-Np-238  
 Cross Section 122.5 To 9999. %

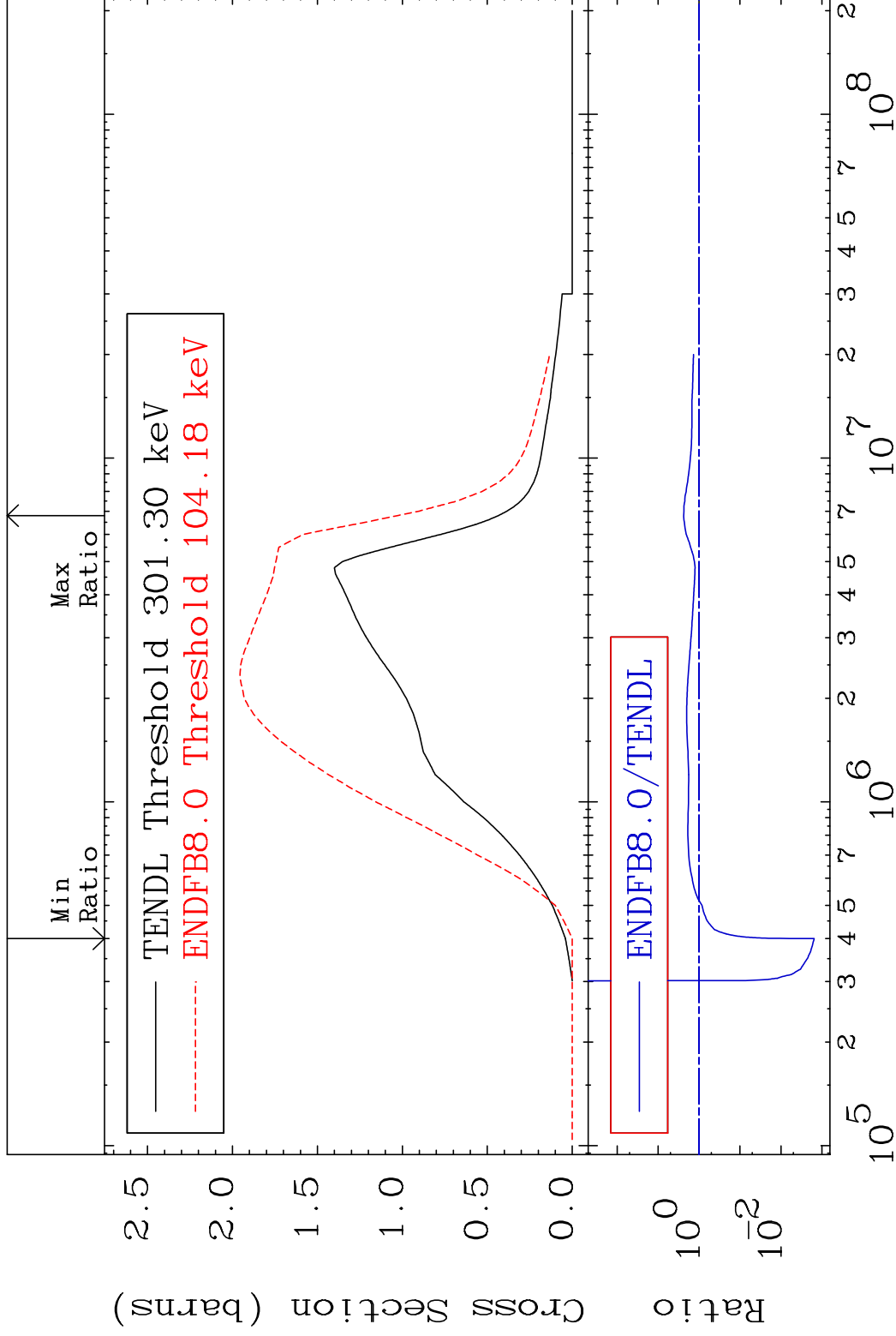


MAT 9349

(n, n') Continuum

93-Np-238

Cross Section -99.85 To 137.3 %



37

Incident Energy (eV)

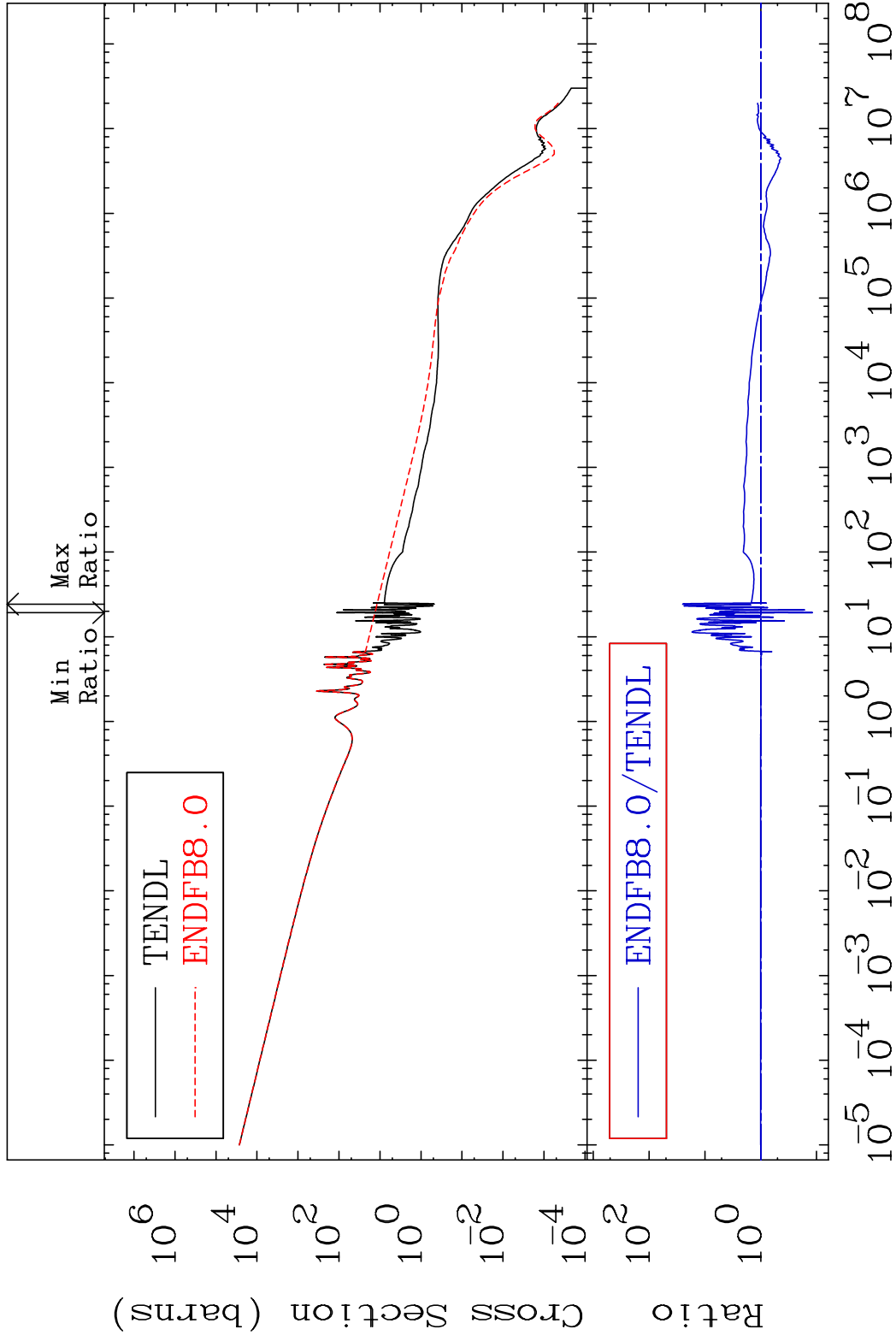
93-Np-238

MAT 9349

(n,  $\gamma$ )

93-Np-238

Cross Section -88.19 To 2436. %



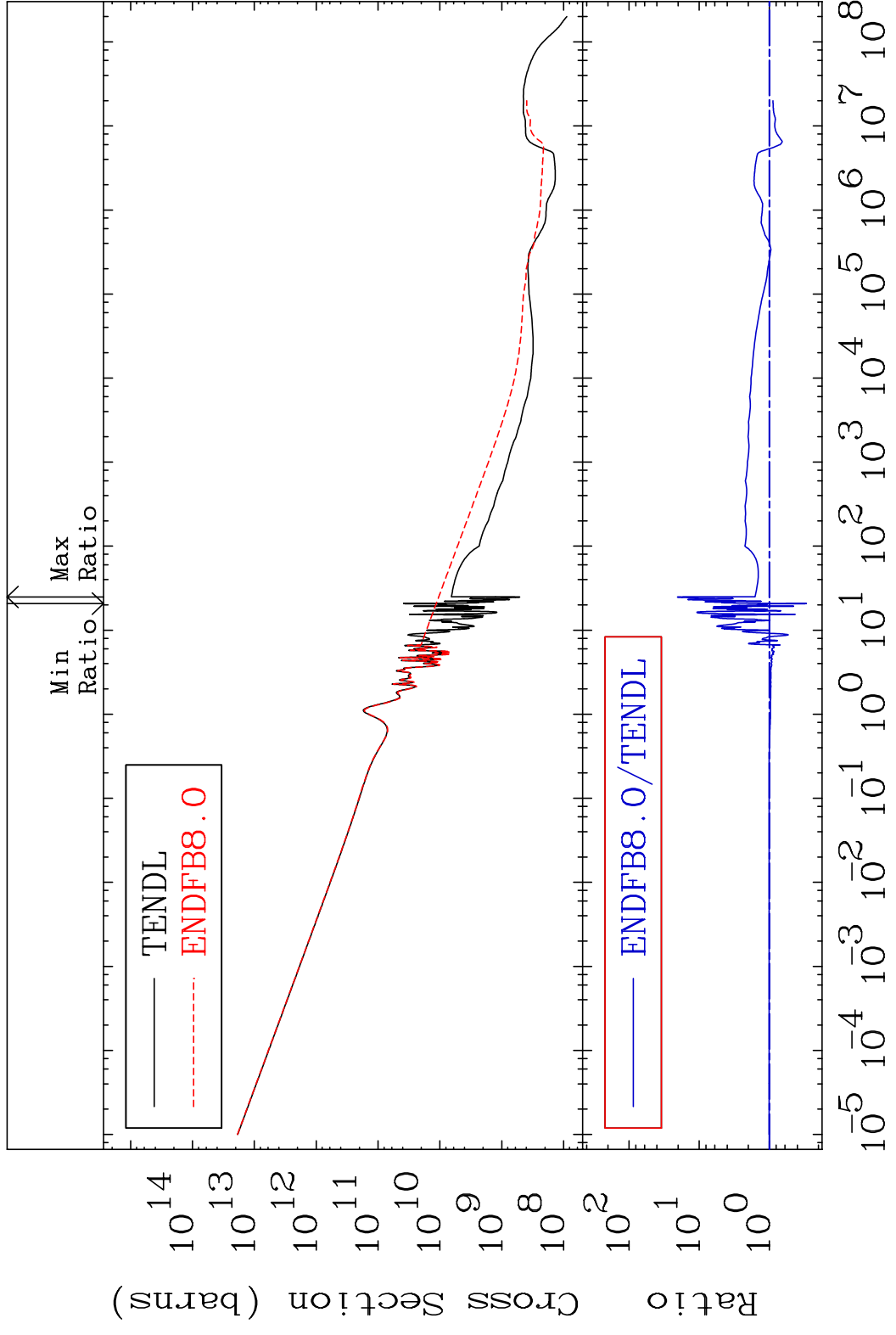
38

Incident Energy (eV)

93-Np-238

MAT 9349

Kerma total (eV-barns) 93-Np-238  
Cross Section -70.30 To 1960. %



39

Incident Energy (eV)

93-Np-238

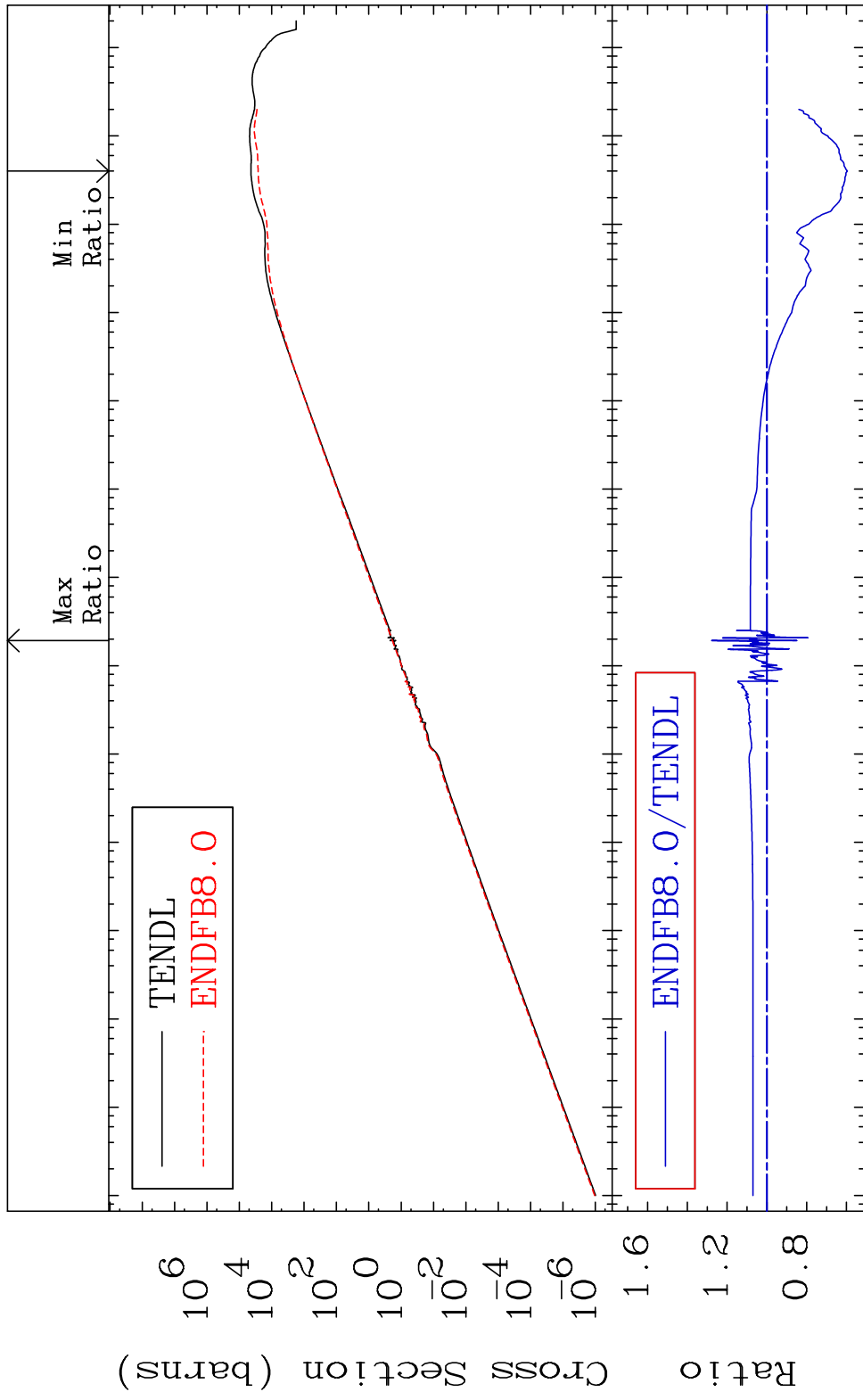


MAT 9349

Kerma elastic  
Cross Section

93-Np-238

-40.40 To 27.84 %

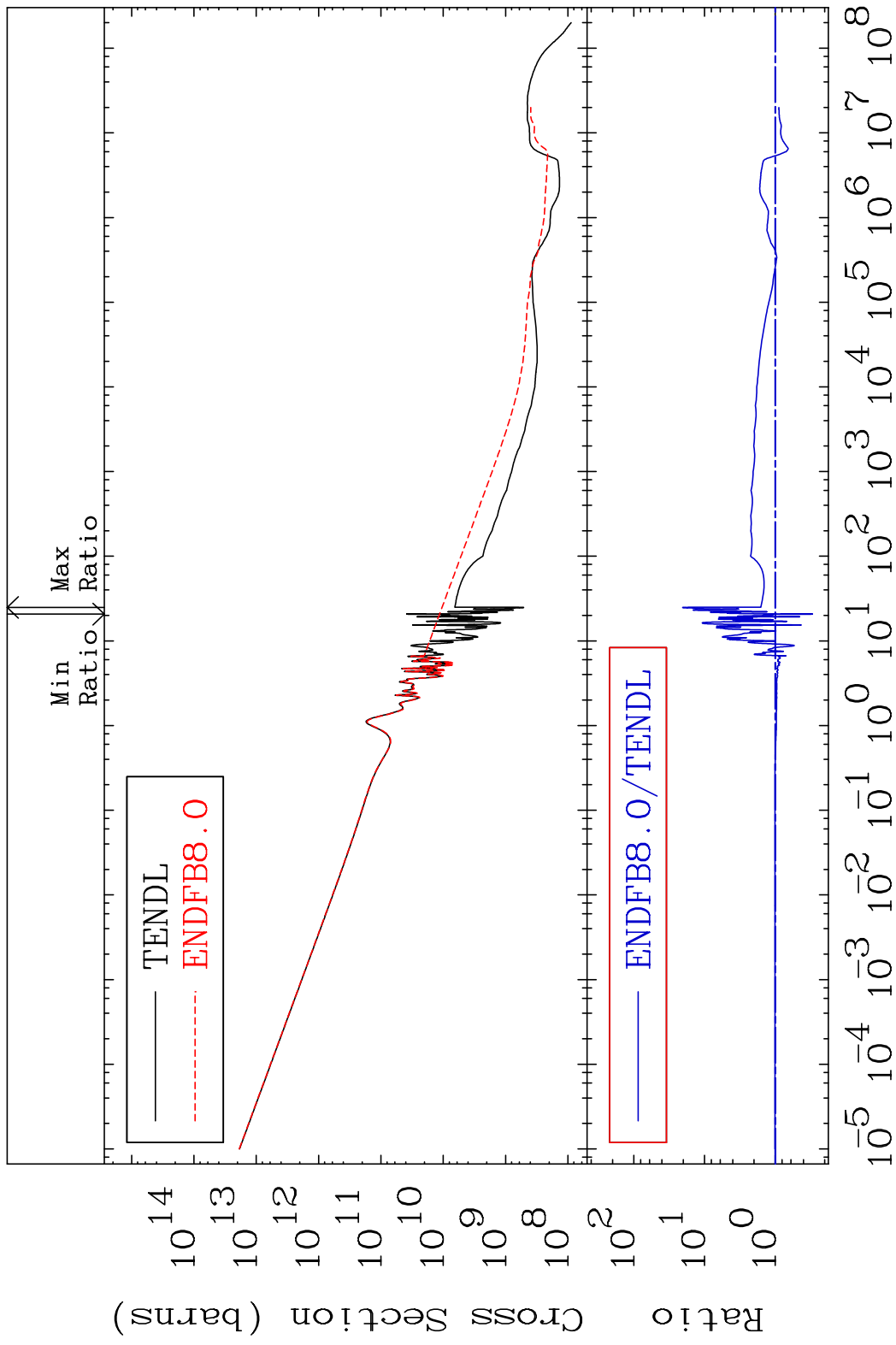


40

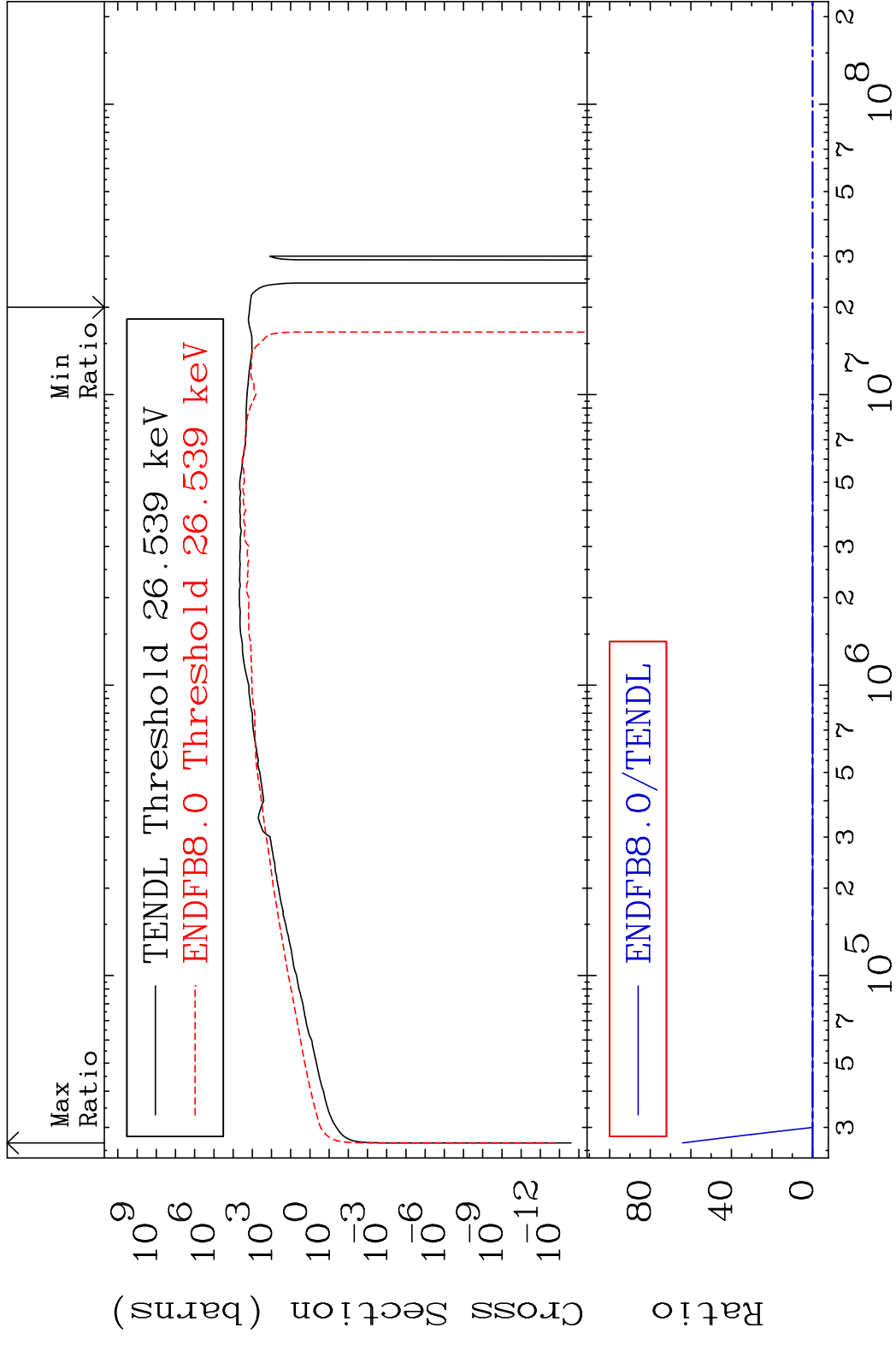
Incident Energy (eV)

93-Np-238

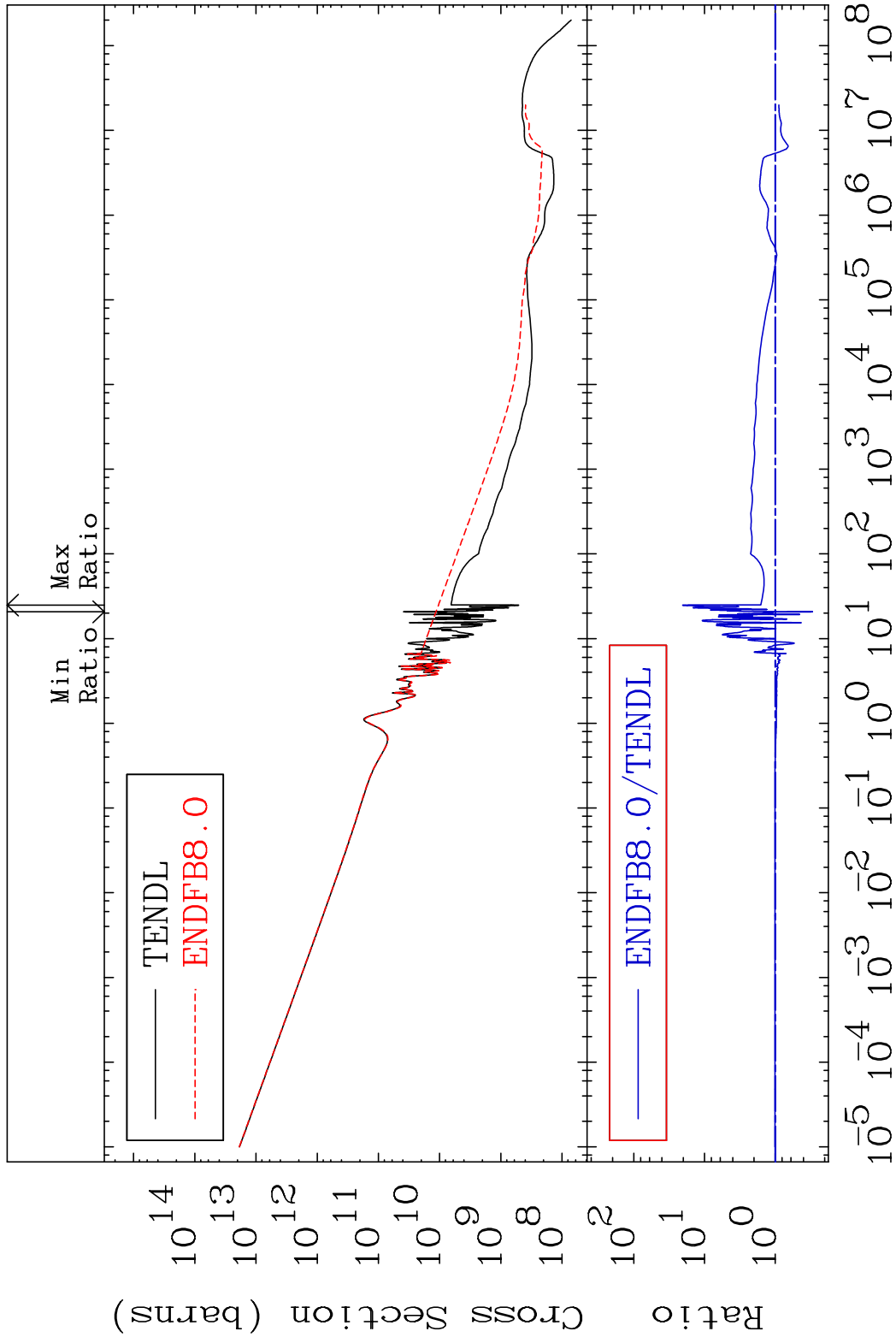
MAT 9349 Kerma non-elastic (all but mt2) 93-Np-238  
 Cross Section -70.30 To 1960. %



MAT 9349 Kerma inelastic (mt51-91) 93-Np-238  
 Cross Section -116.6 To 9999. %

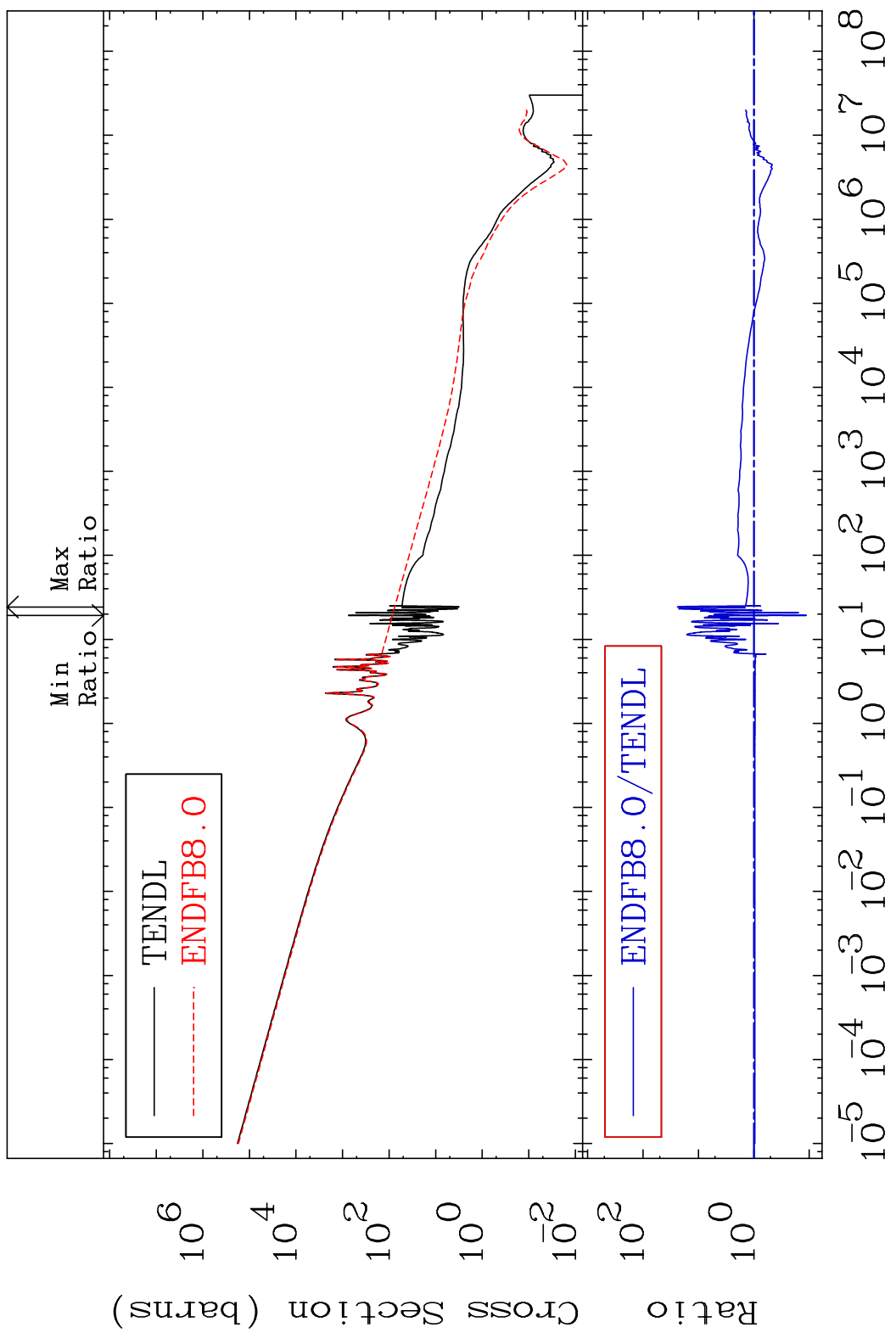


MAT 9349 Kerma fission (mt18 or mt19-20-21-38) 93-Np-238  
 Cross Section -70.30 To 1960. %

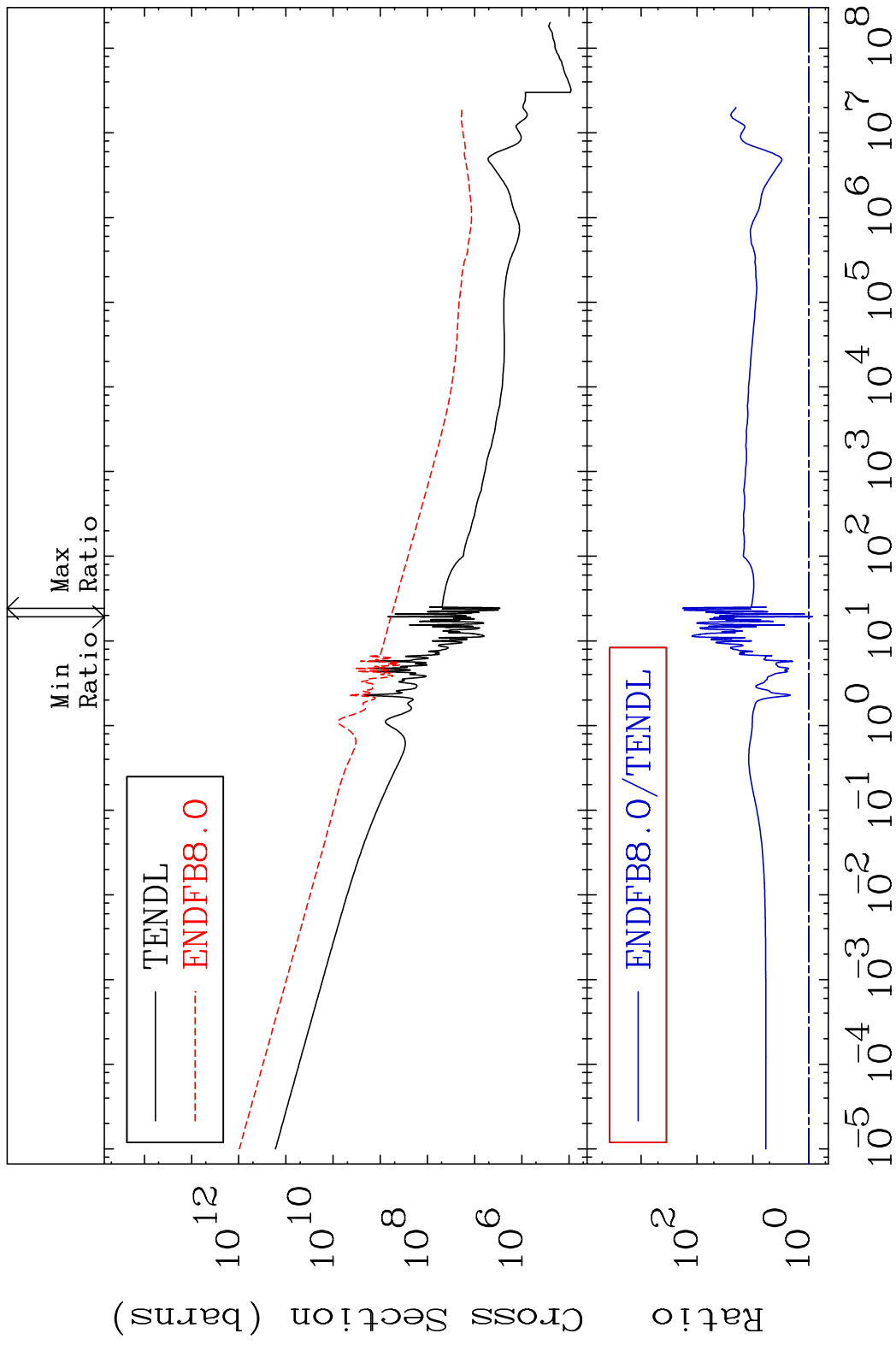


MAT 9349

Kerma capture (mt102) 93-Np-238  
Cross Section -88.73 To 2319. %

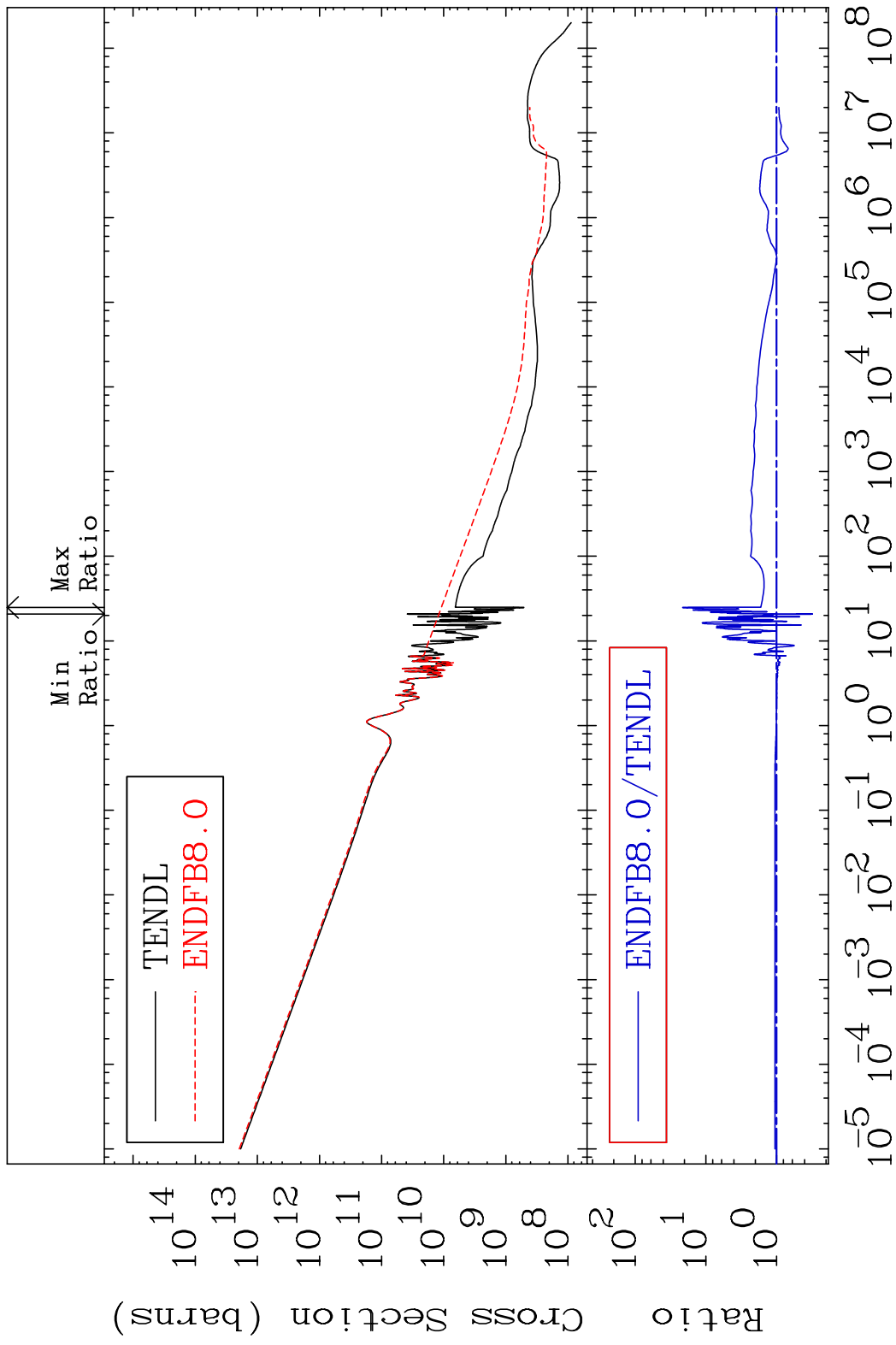


MAT 9349 Total photon (eV-barns) 93-Np-238  
Cross Section -14.91 To 9999. %



45 Incident Energy (eV) 93-Np-238

MAT 9349 Total kinematic kerma (high limit) 93-Np-238  
 Cross Section -69.02 To 2048. %

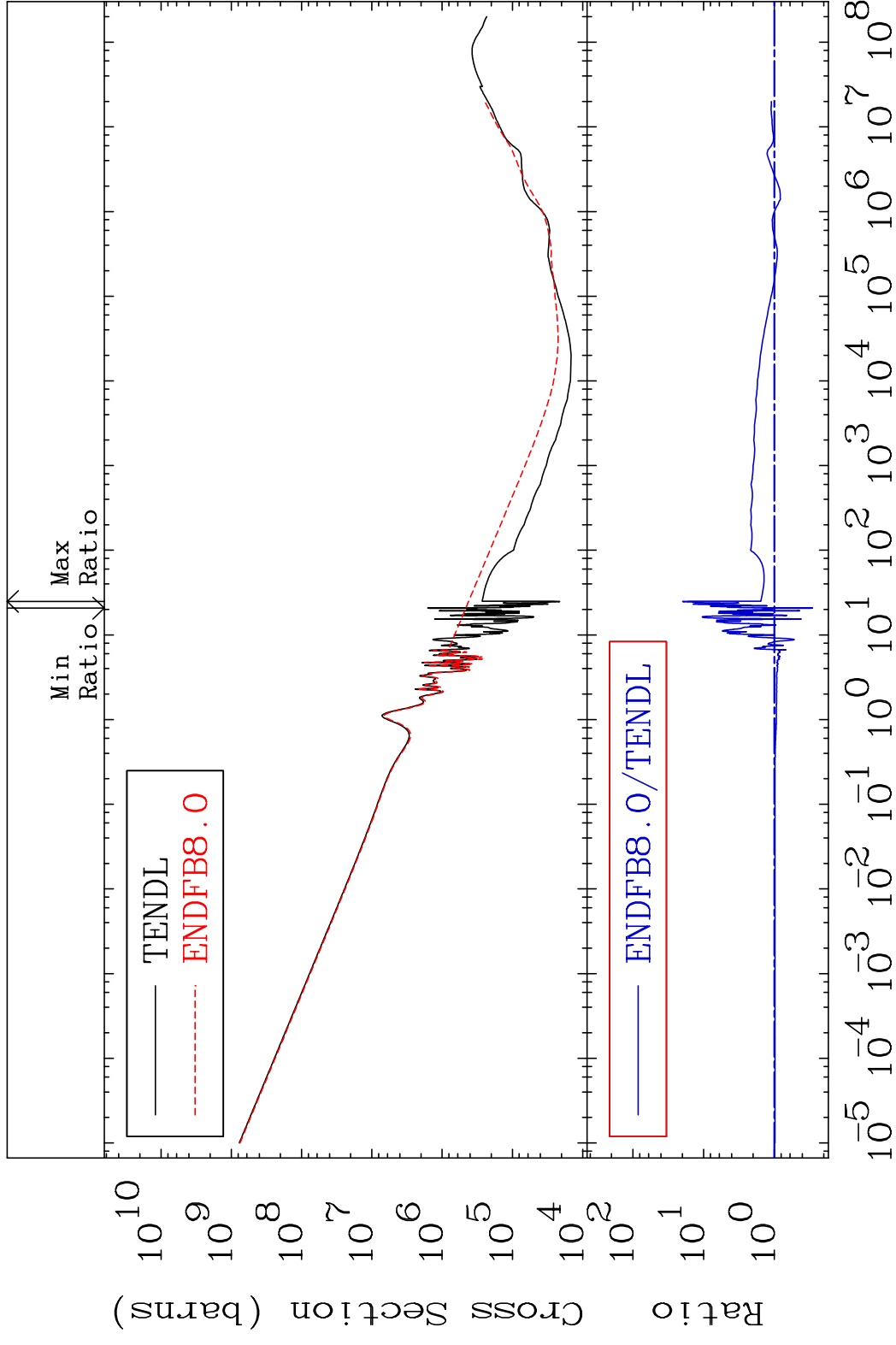


MAT 9349

Dpa total (eV-barns)

93-Np-238

Cross Section -71.21 To 1896. %





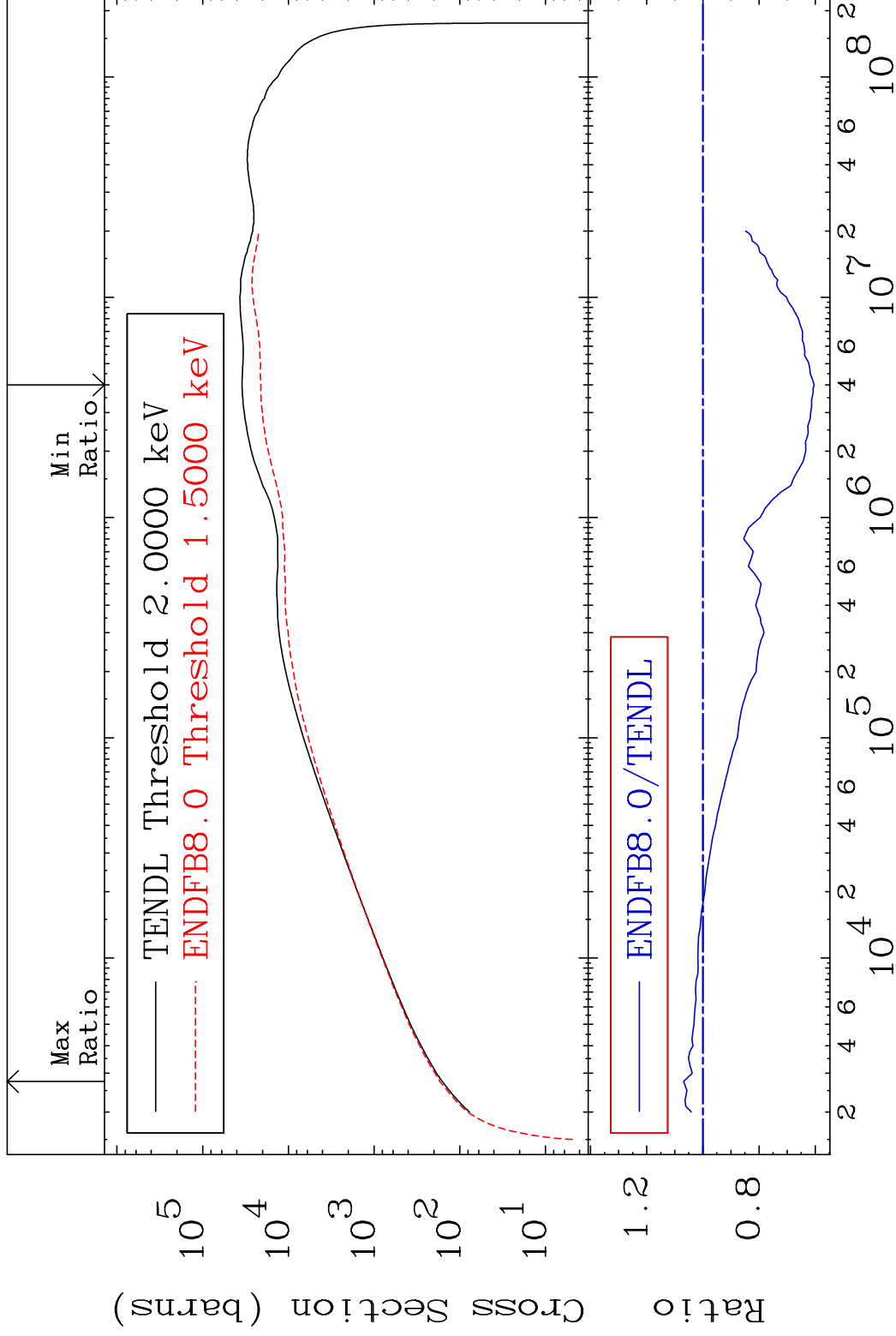
MAT 9349

Dpa elastic (mt2)

93-Np-238

Cross Section

-39.61 To 6.839 %

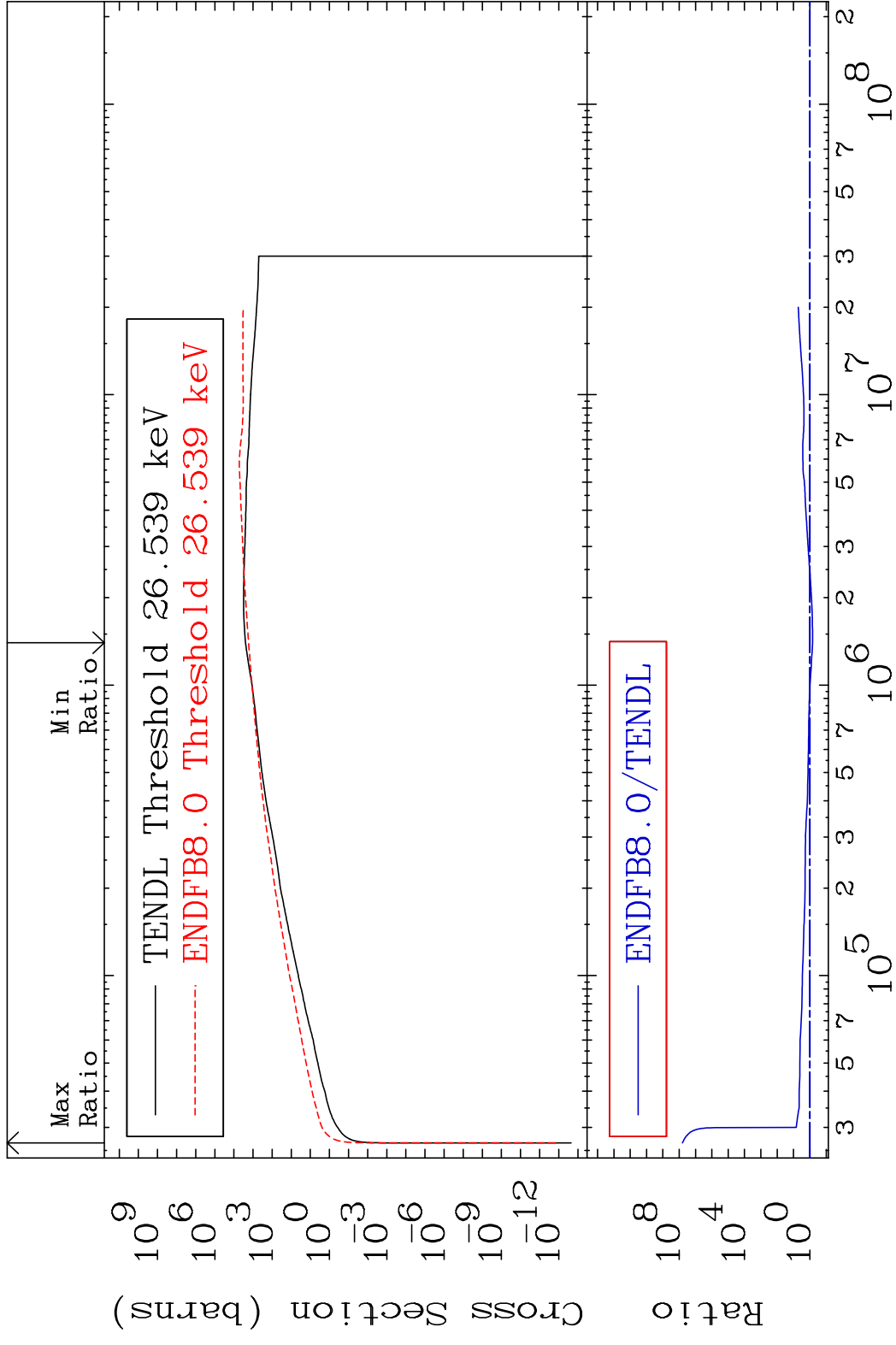


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Incident Energy (eV)

93-Np-238

MAT 9349 Dpa inelastic (mt51-91) 93-Np-238  
 Cross Section -31.74 To 9999. %



MAT 9349 Dpa disappearance (mt102 -120) 93-Np-238  
 Cross Section -100.0 To 2256. %

