

Program Complot
(Version 2021-1)

by

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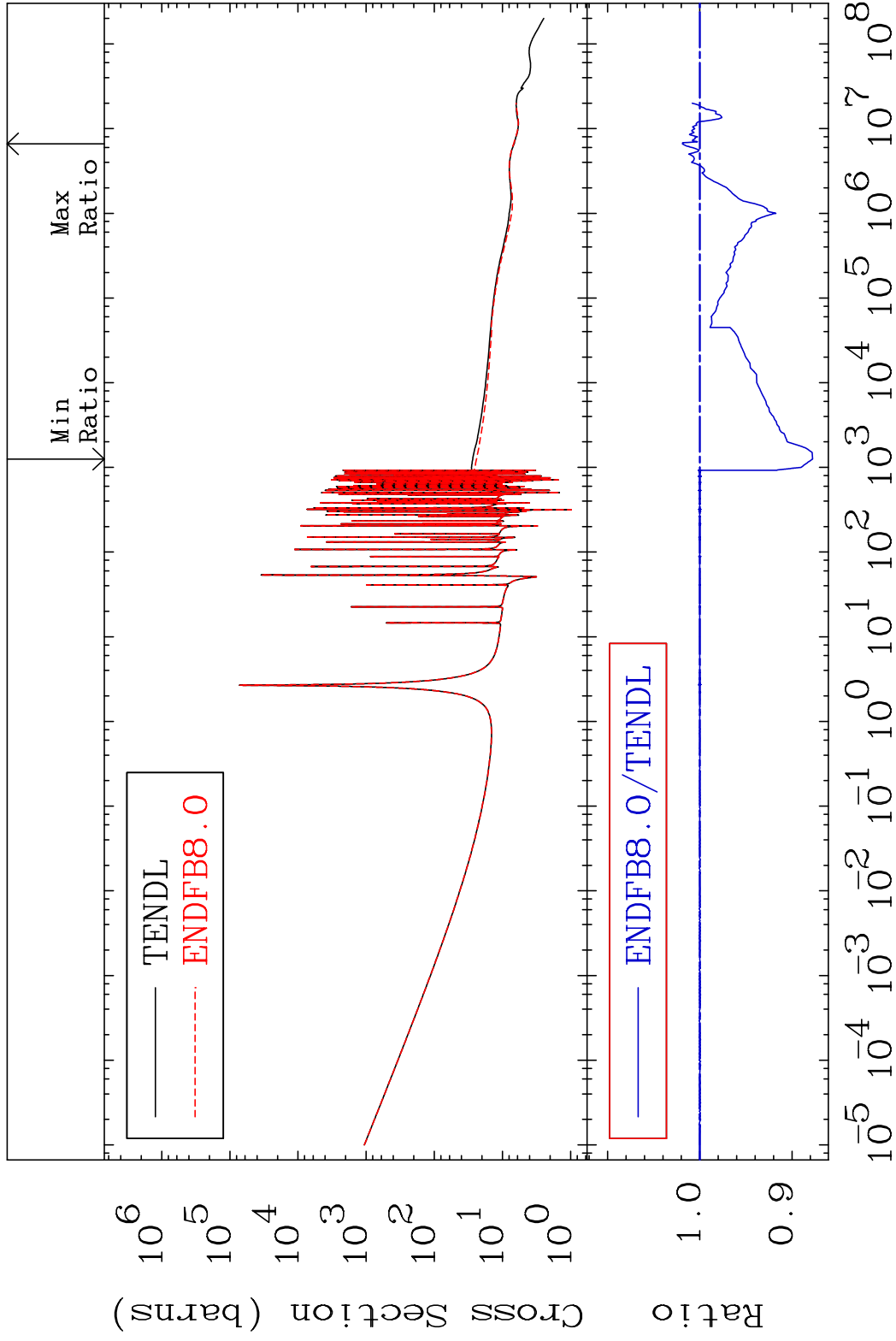
Press Mouse Button to Start

MAT 9446

Total

94-Pu-242

Cross Section -12.23 To 1.890 %



1

Incident Energy (eV)

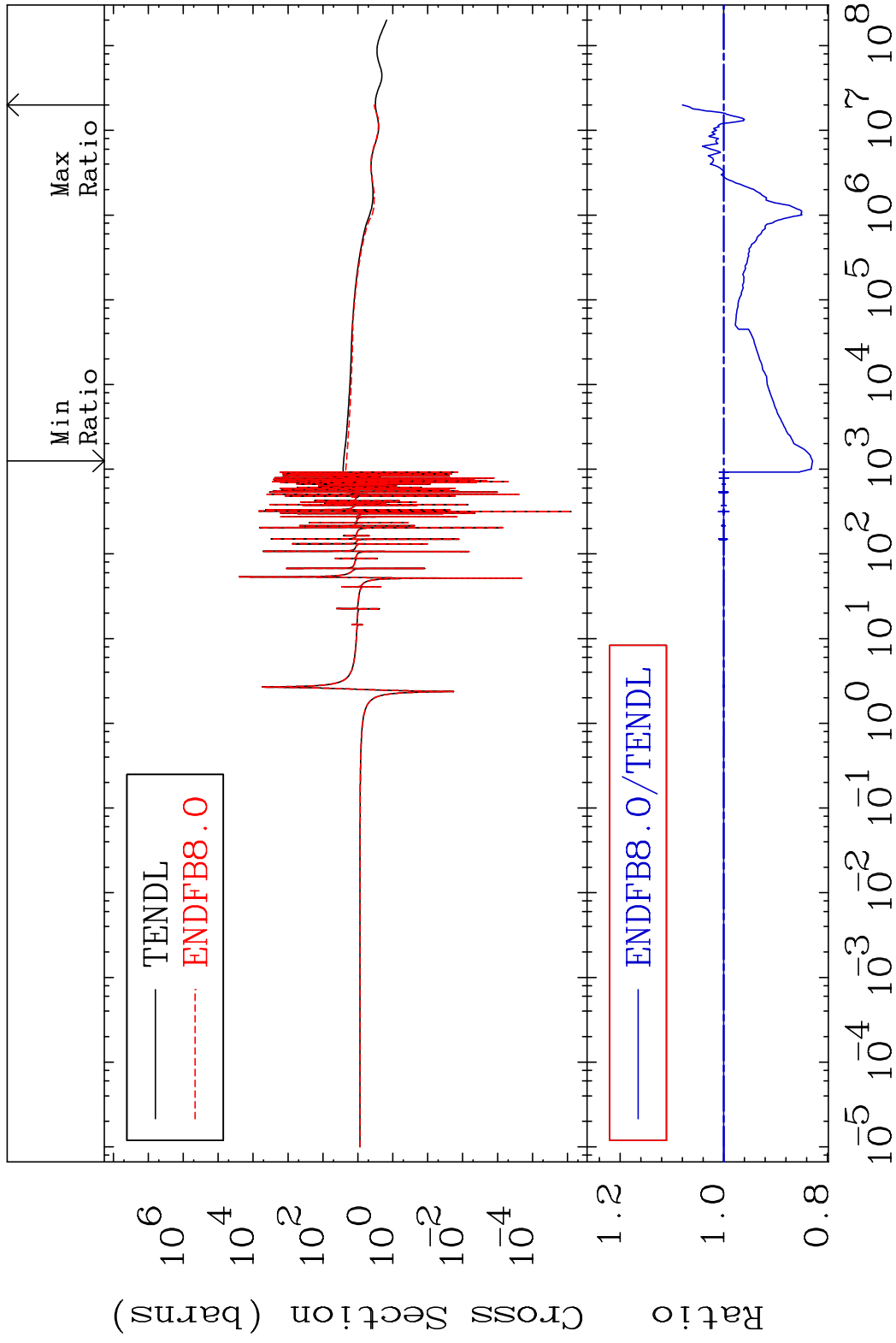
94-Pu-242

MAT 9446

Elastic

94-Pu-242

Cross Section -17.14 To 7.994 %



2

Incident Energy (eV)

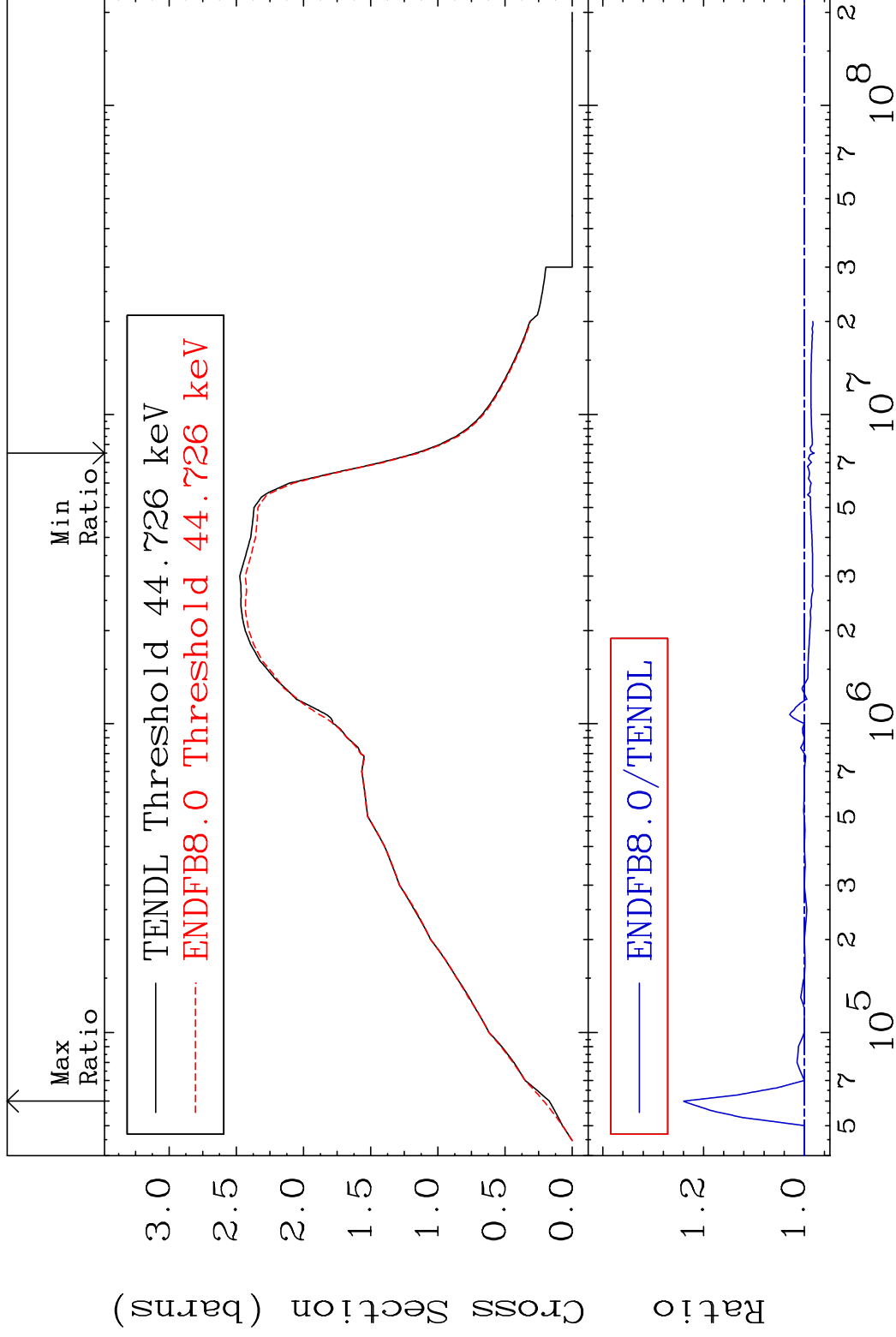
94-Pu-242

MAT 9446

Inelastic

94-Pu-242

Cross Section -1.942 To 23.96 %



3

Incident Energy (eV)

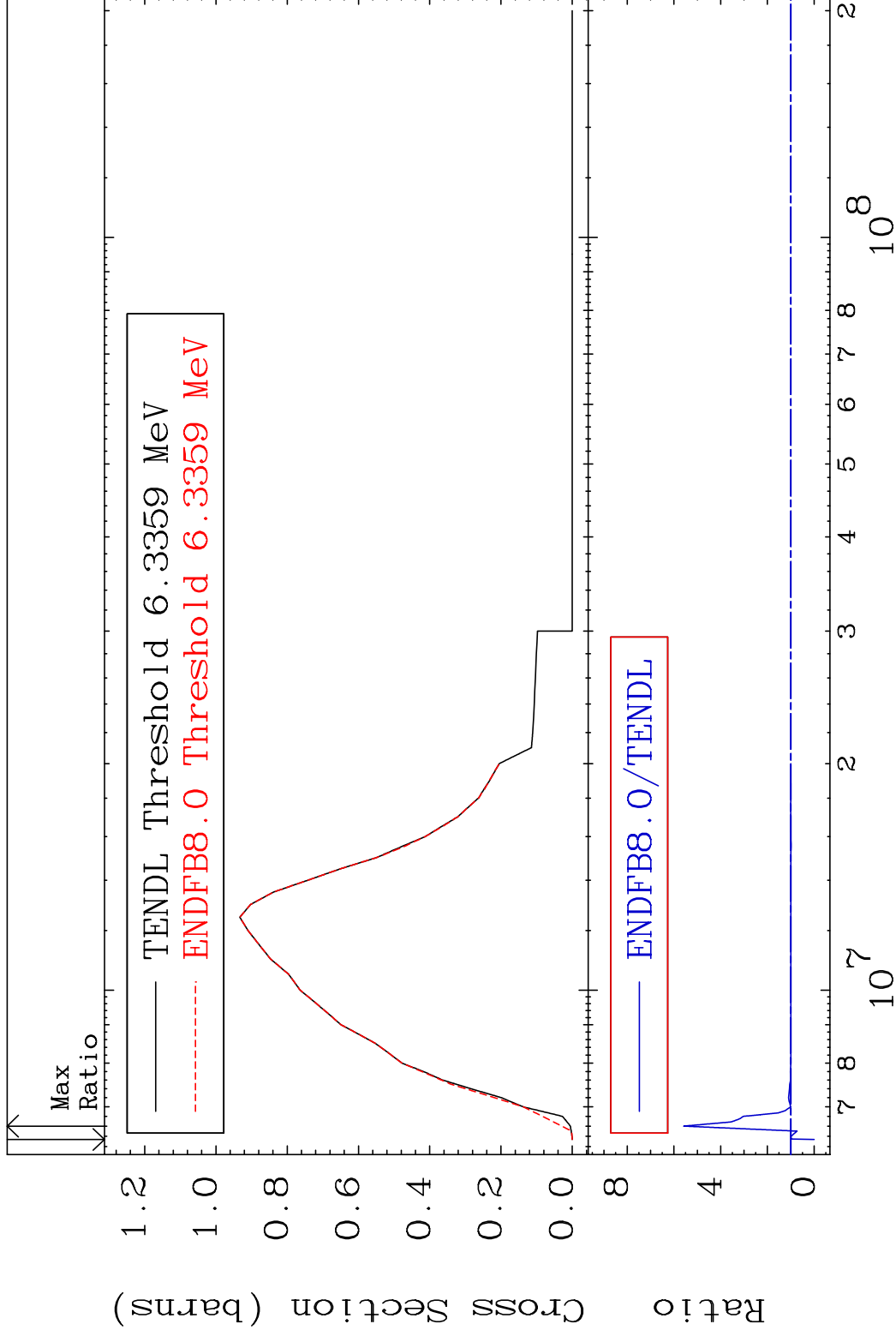
94-Pu-242

MAT 9446

(n,2n)

94-Pu-242

Cross Section -100.0 To 458.4 %



4

Incident Energy (eV)

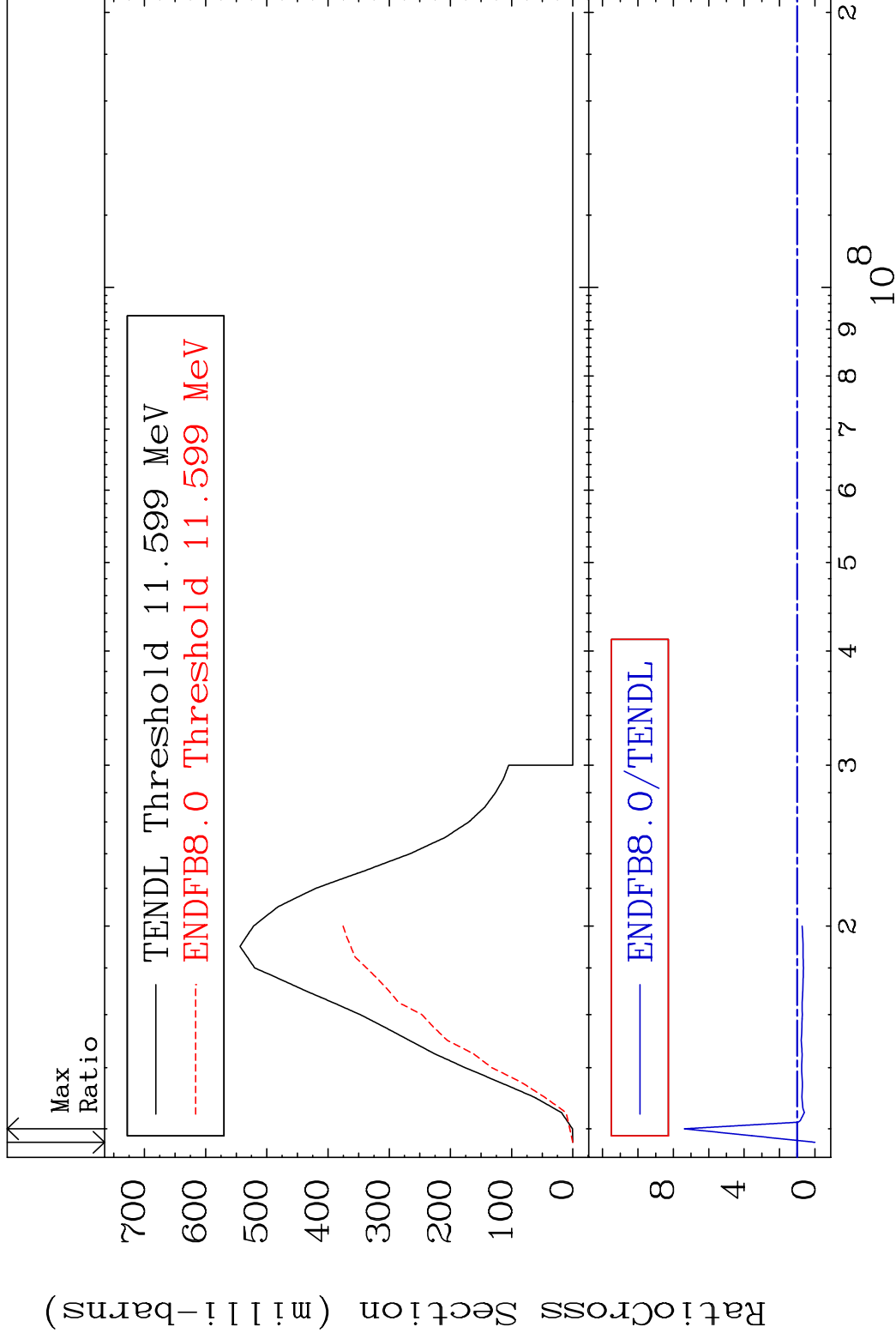
94-Pu-242

MAT 9446

(n,3n)

94-Pu-242

Cross Section -100.0 To 638.0 %



5

Incident Energy (eV)

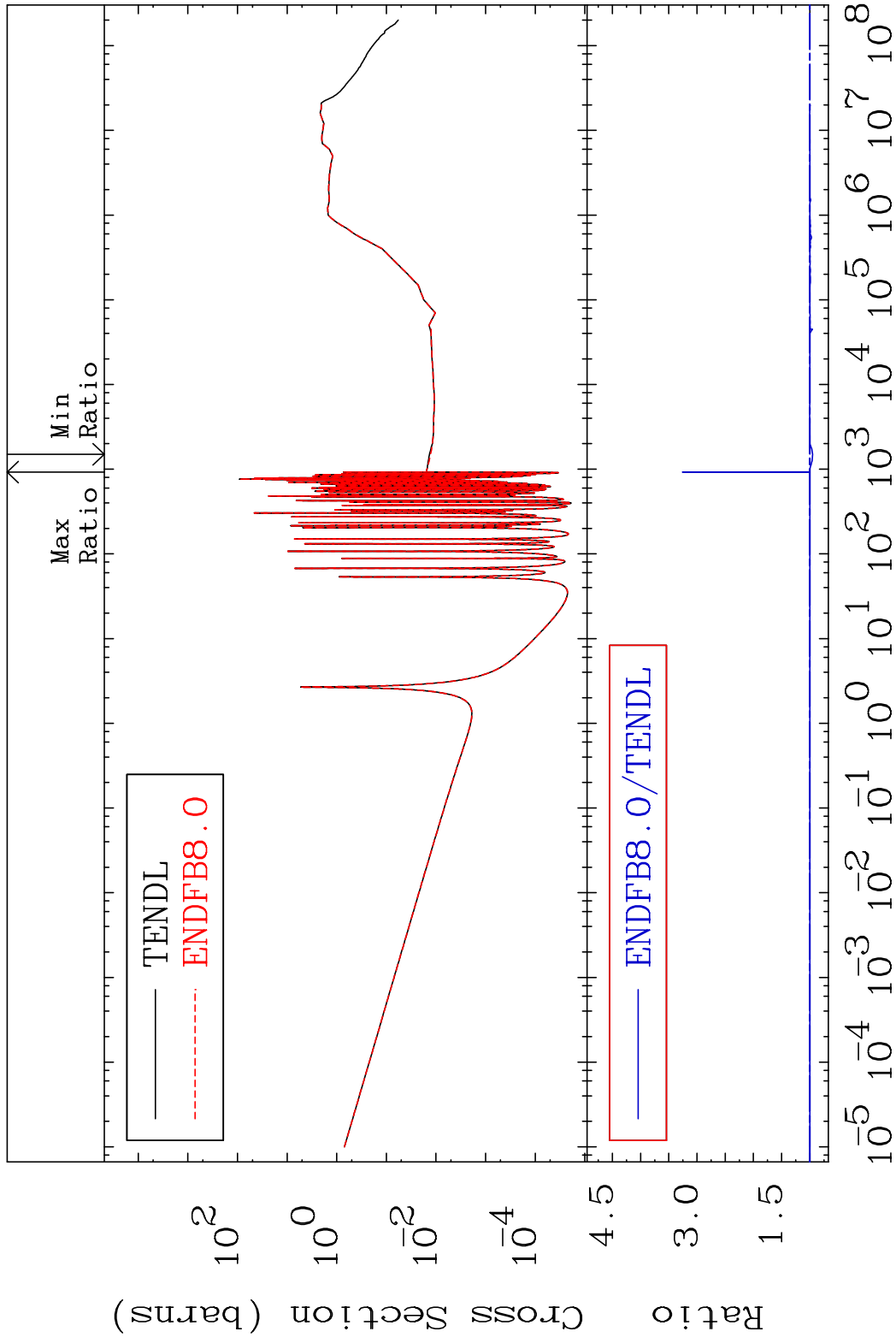
94-Pu-242

MAT 9446

Fission

94-Pu-242

Cross Section -4.861 To 226.0 %



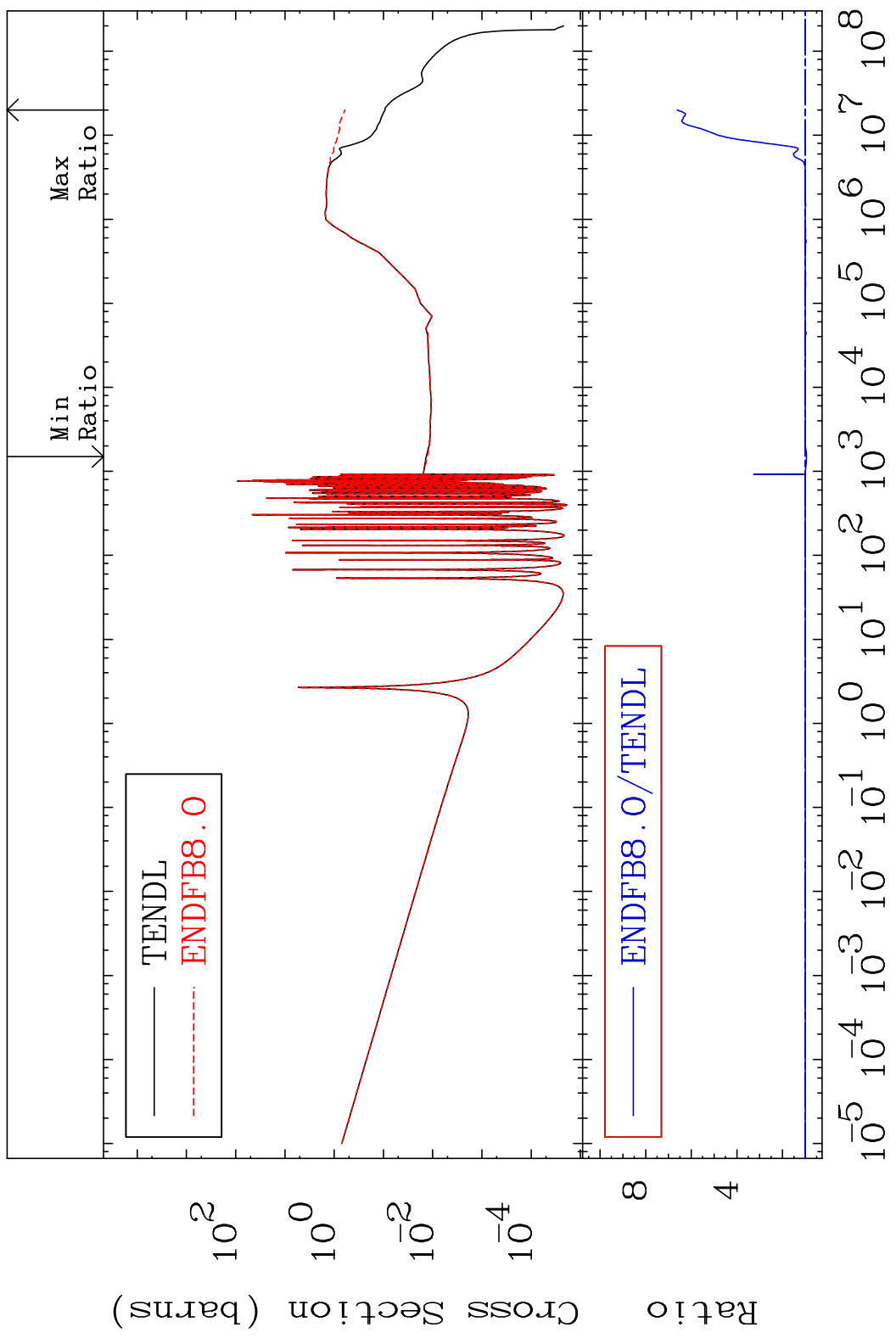
6

Incident Energy (eV)

94-Pu-242

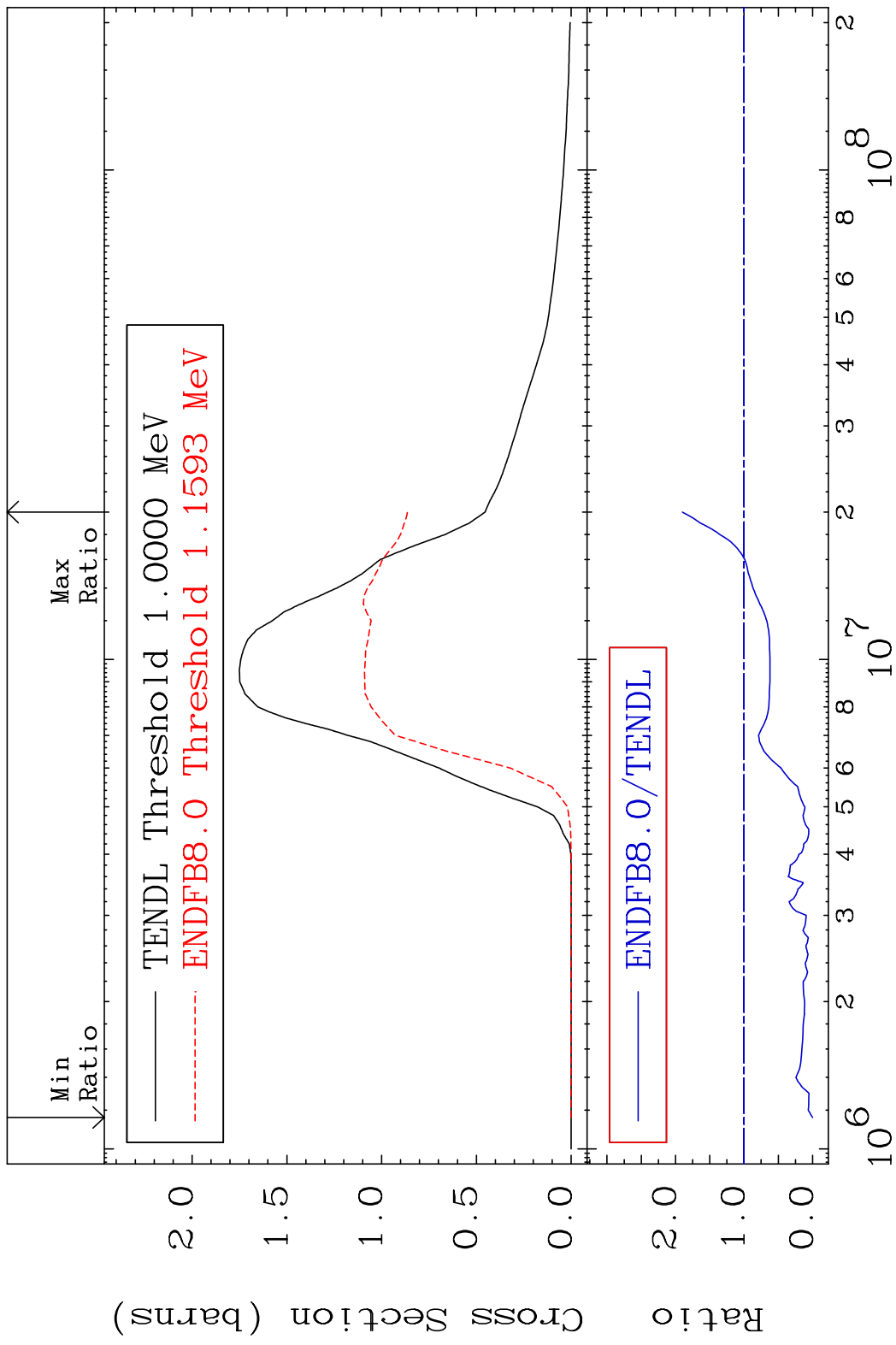
MAT 9446

(n,f) First Chance 94-Pu-242
Cross Section -4.861 To 561.8 %



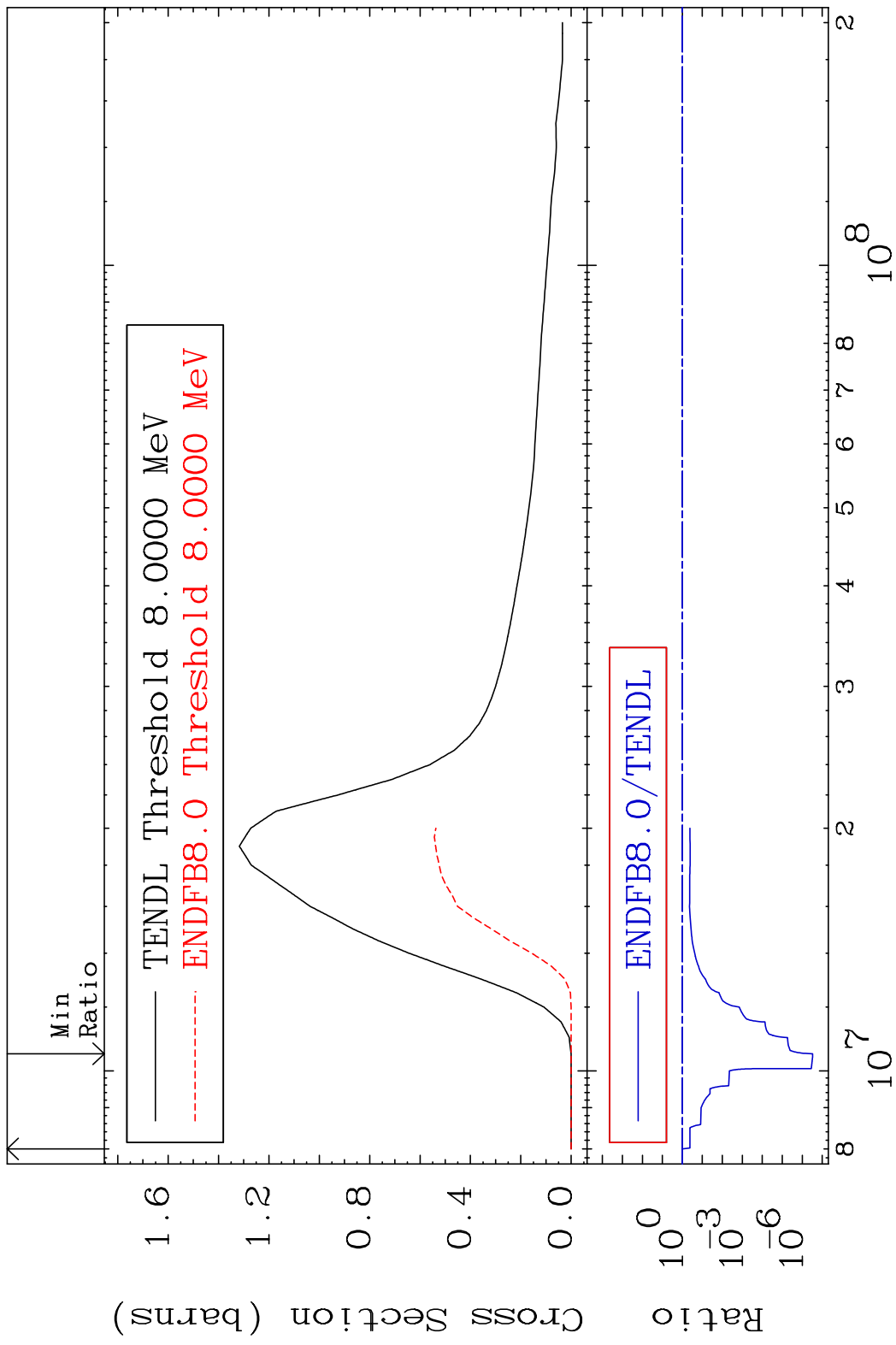
7 Incident Energy (eV) 94-Pu-242

MAT 9446 (n, nf) Second Chance 94-Pu-242
 Cross Section -100.0 To 90.04 %



8 Incident Energy (eV) 94-Pu-242

MAT 9446 (n,2nf) Third Chance 94-Pu-242
 Cross Section -100.0 To 0.000 %



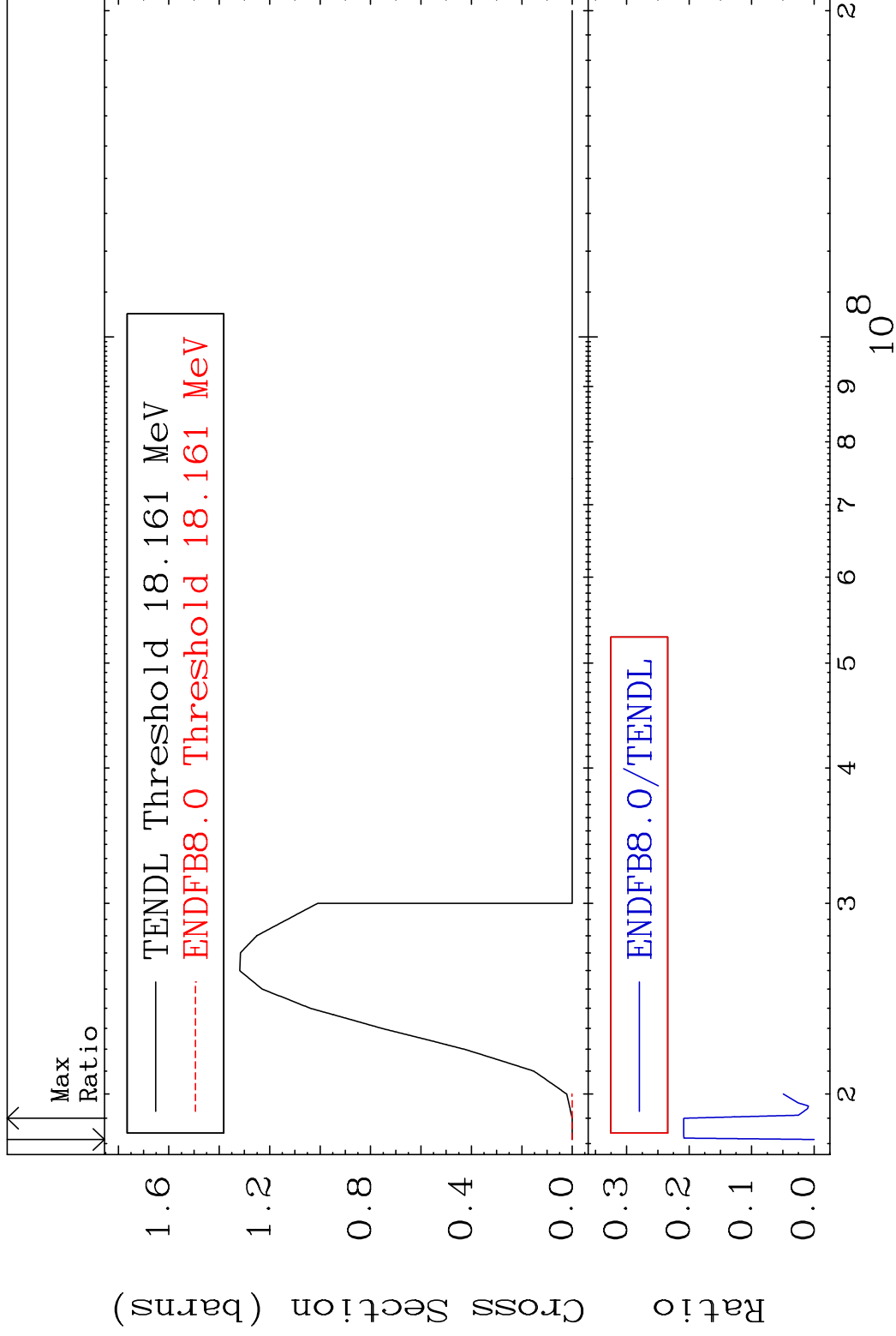
9 Incident Energy (eV) 94-Pu-242

MAT 9446

(n, 4n)

94-Pu-242

Cross Section -100.0 To -79.12%

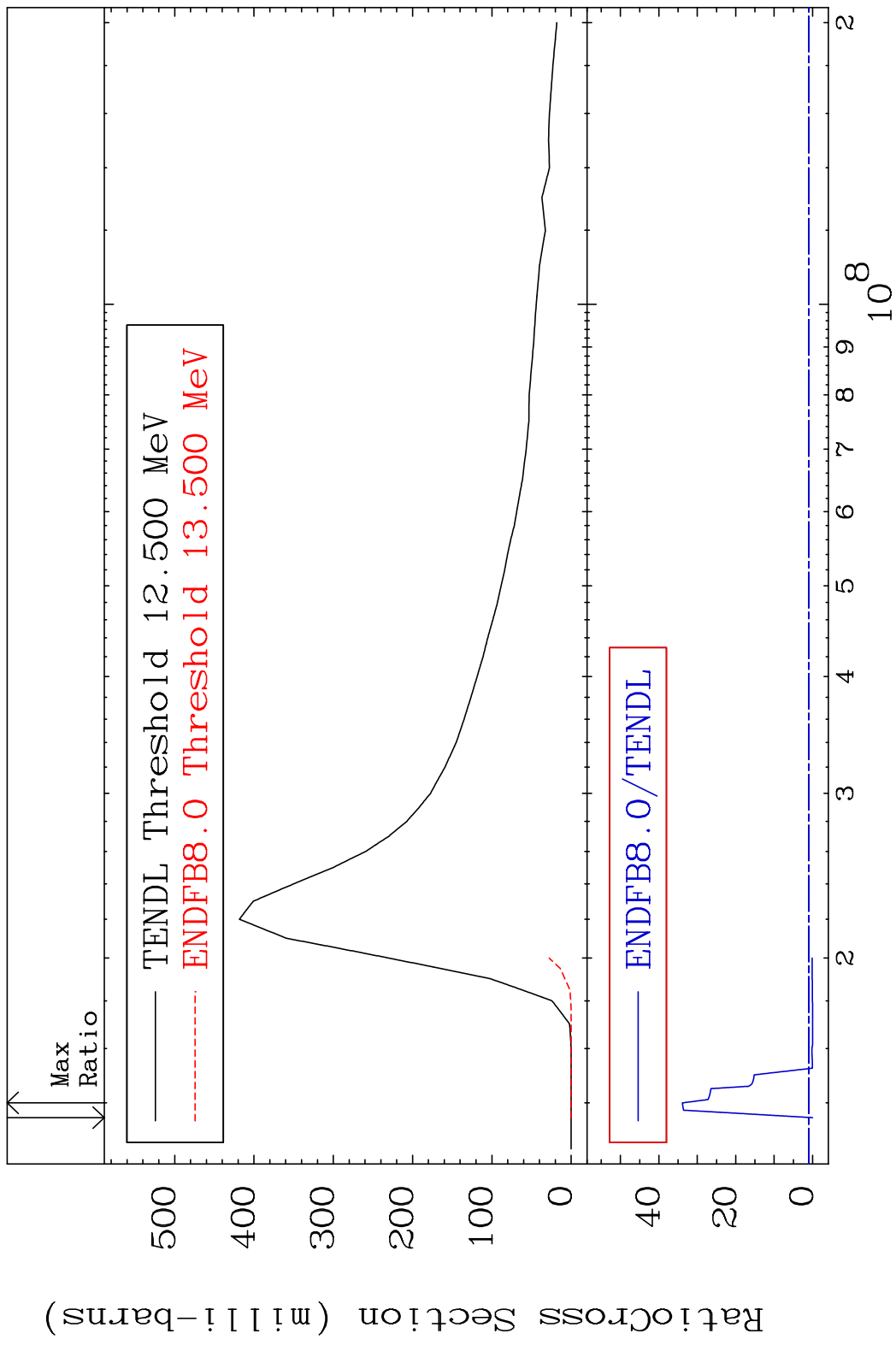


10

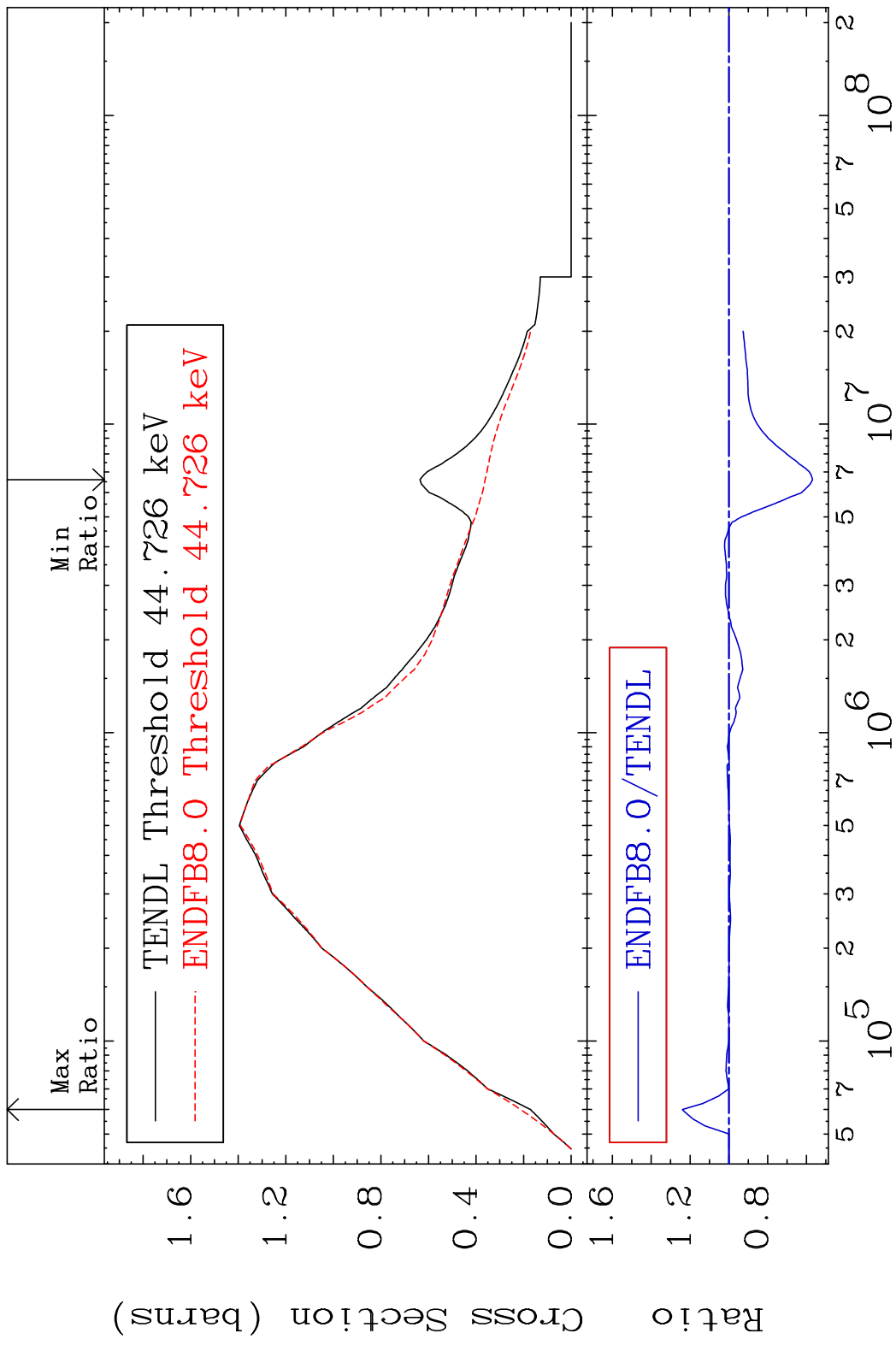
Incident Energy (eV)

94-Pu-242

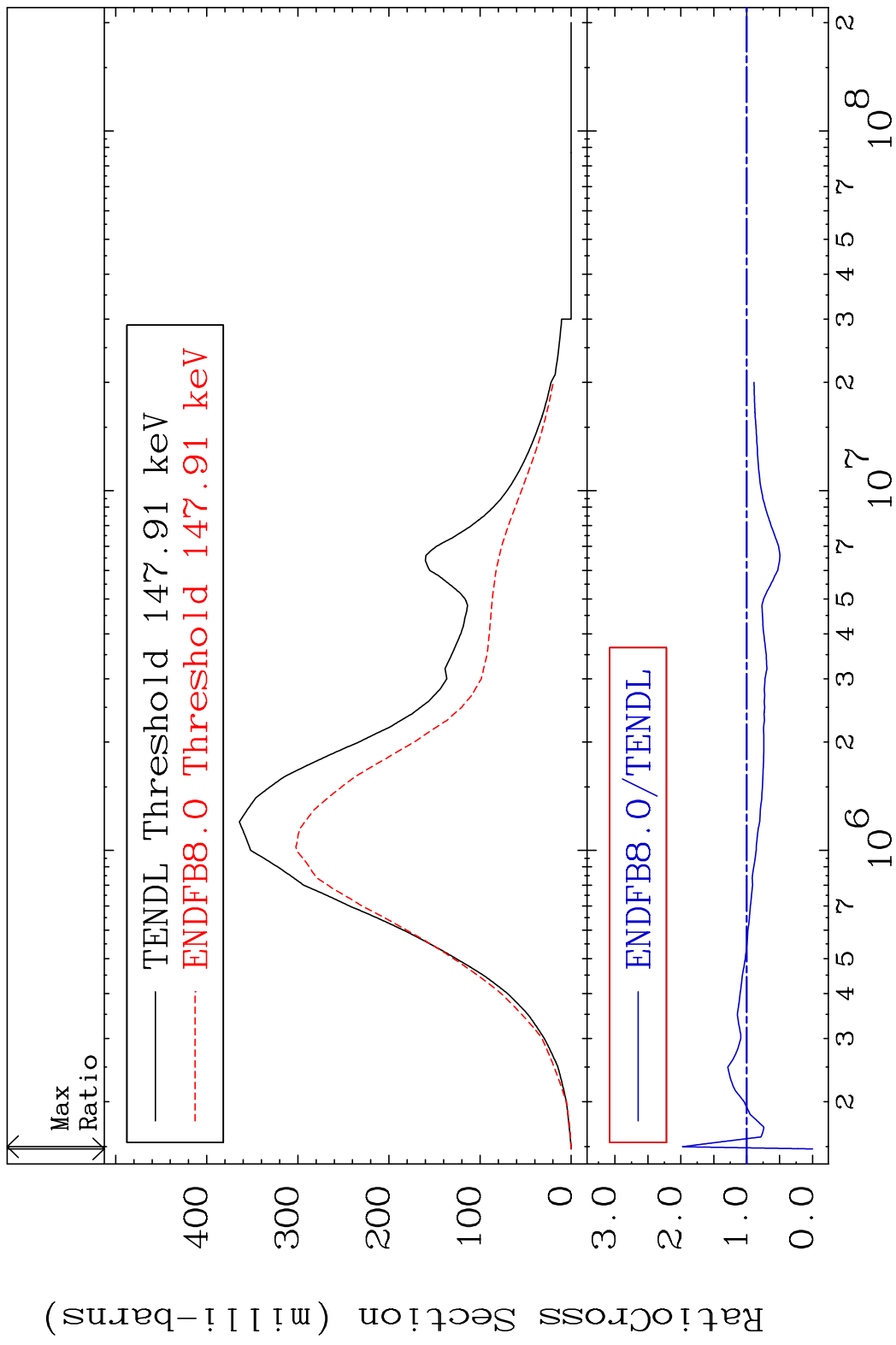
MAT 9446 (n,3nf) Fourth Chance 94-Pu-242
 Cross Section -100.0 To 3289. %



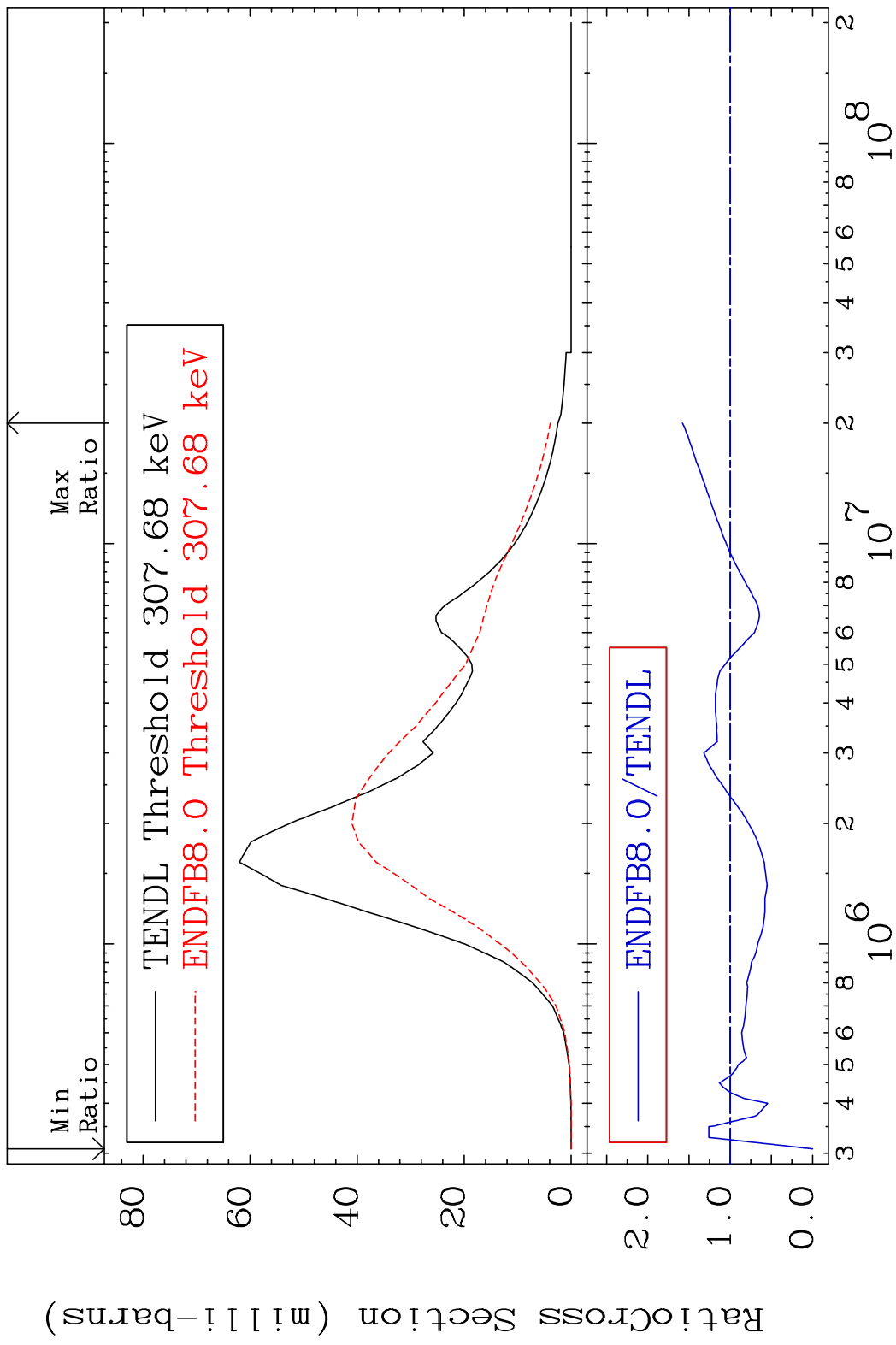
MAT 9446 MT= 51 (n, n') Level 94-Pu-242
 Cross Section -43.14 To 23.96 %



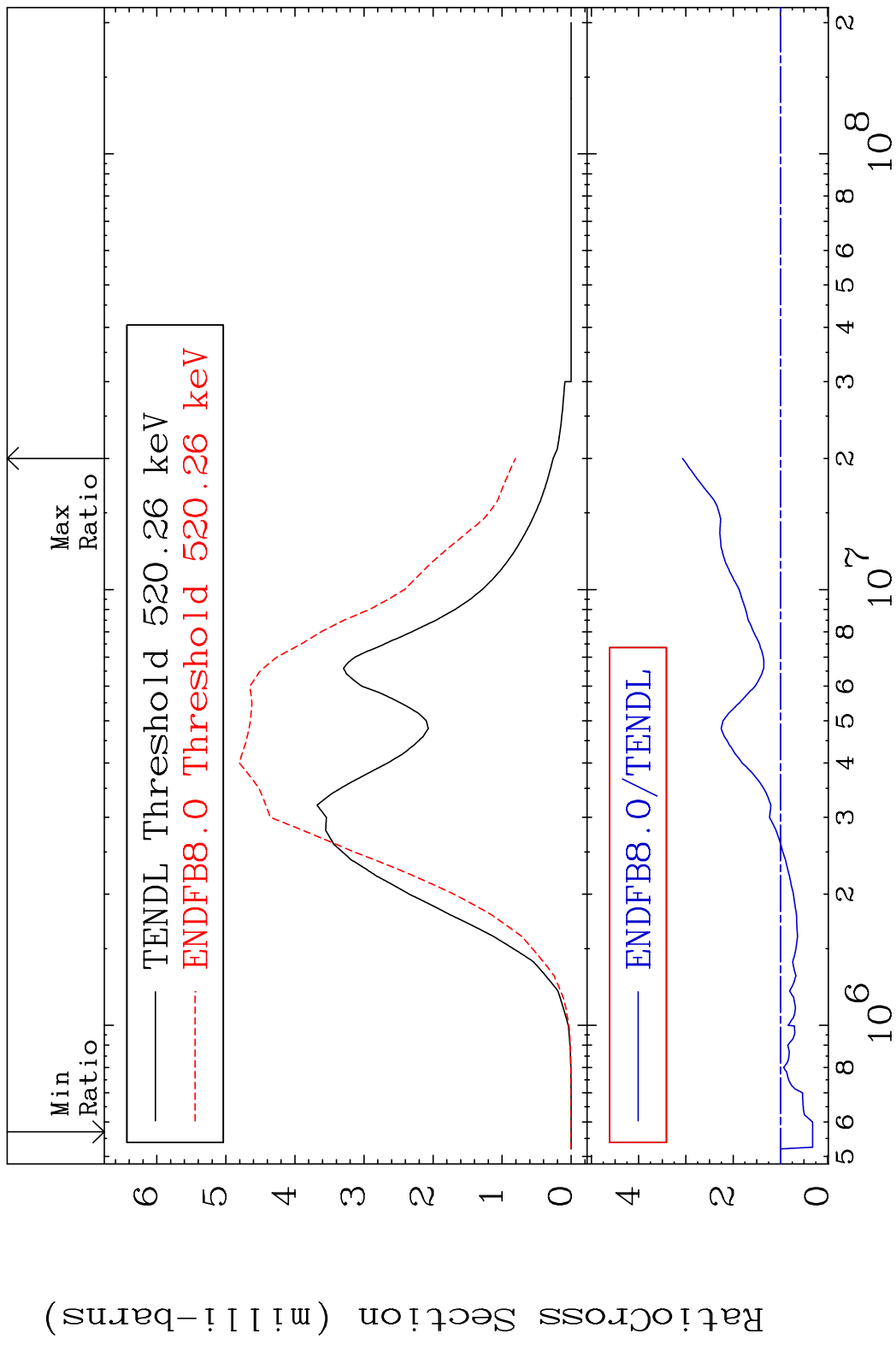
MAT 9446 MT= 52 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 97.72 %



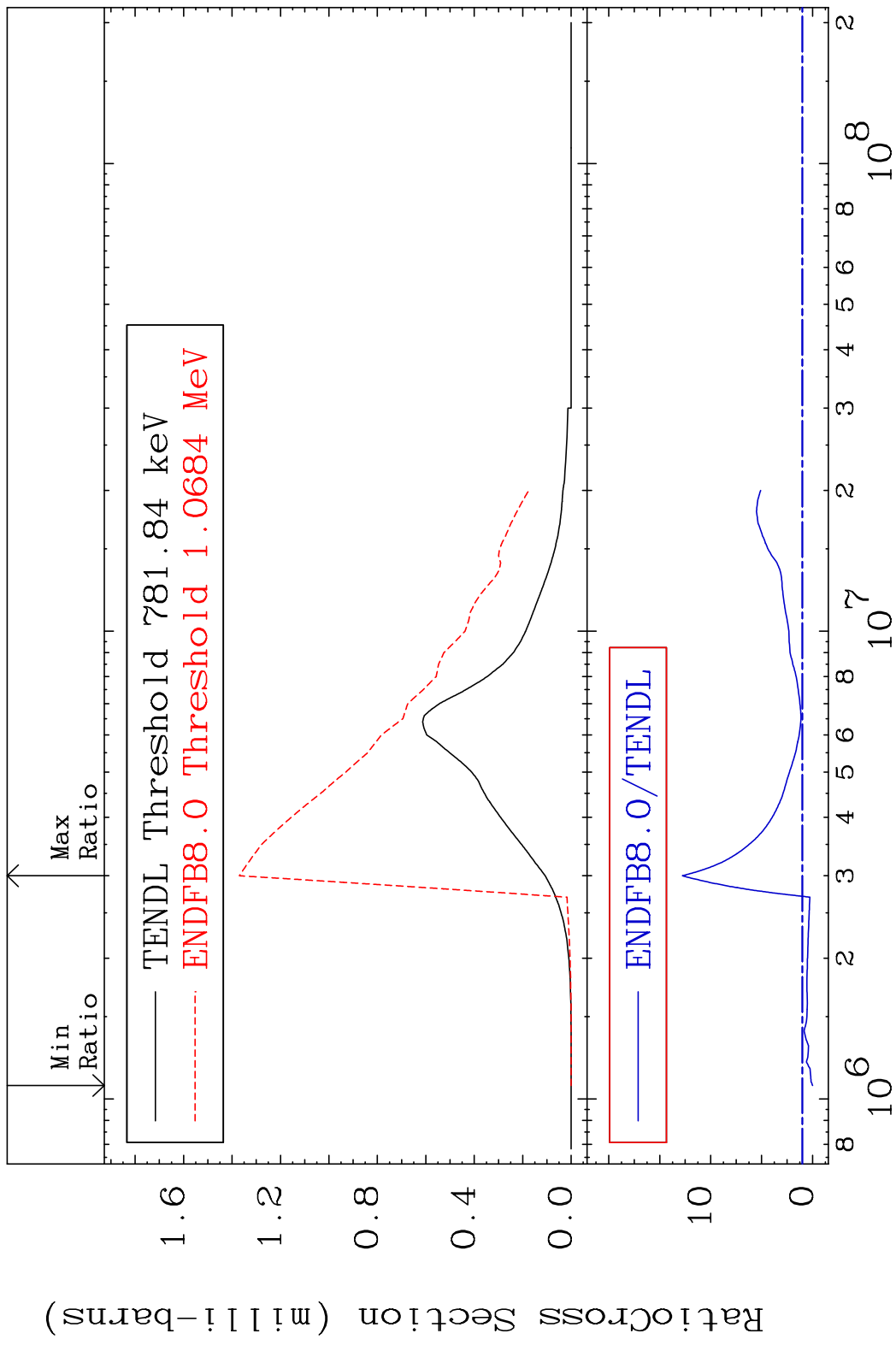
MAT 9446 MT= 53 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 58.05 %



MAT 9446 MT= 54 (n, n') Level 94-Pu-242
 Cross Section -68.06 To 207.6 %

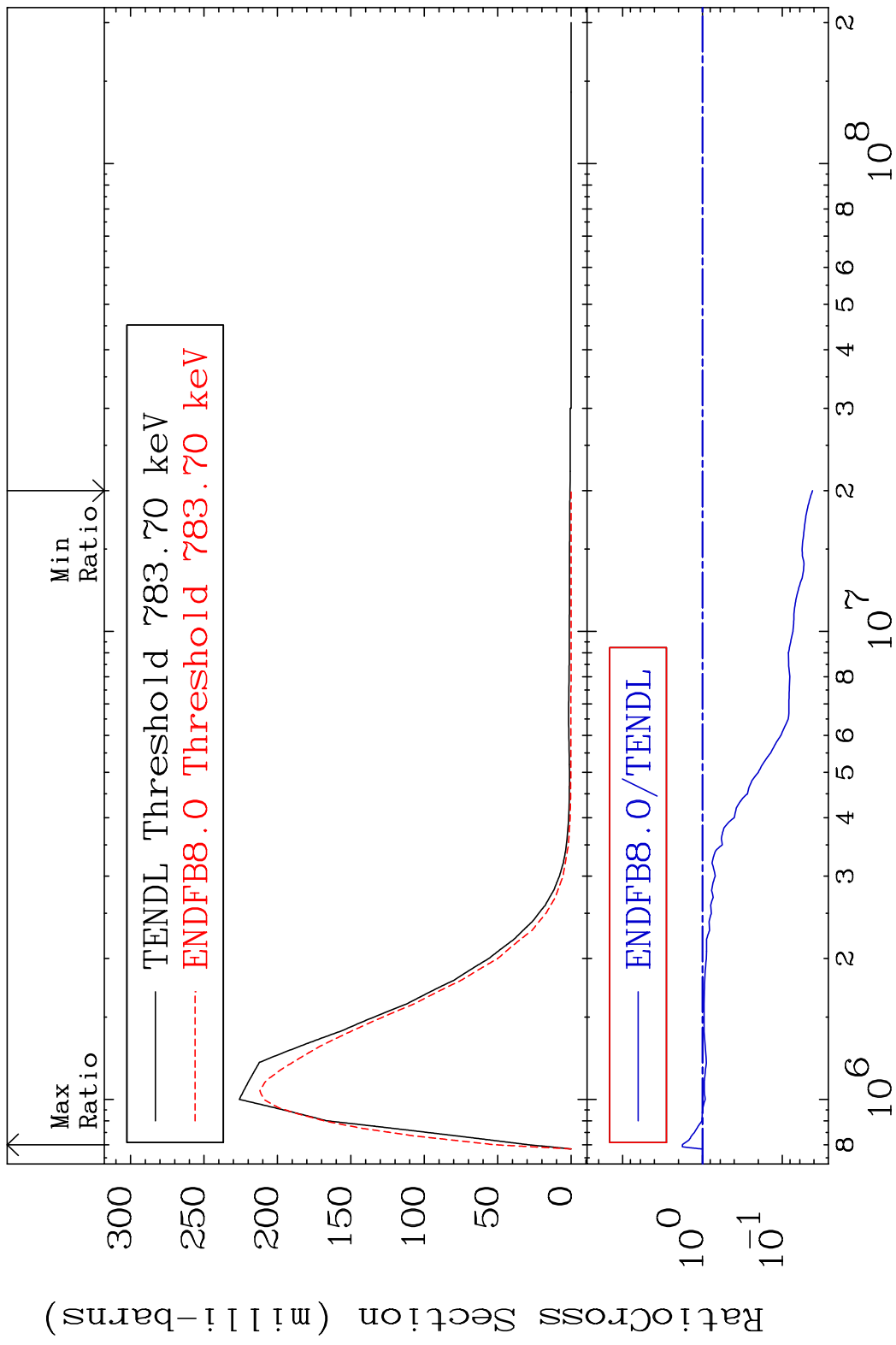


MAT 9446 MT= 55 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 1178. %



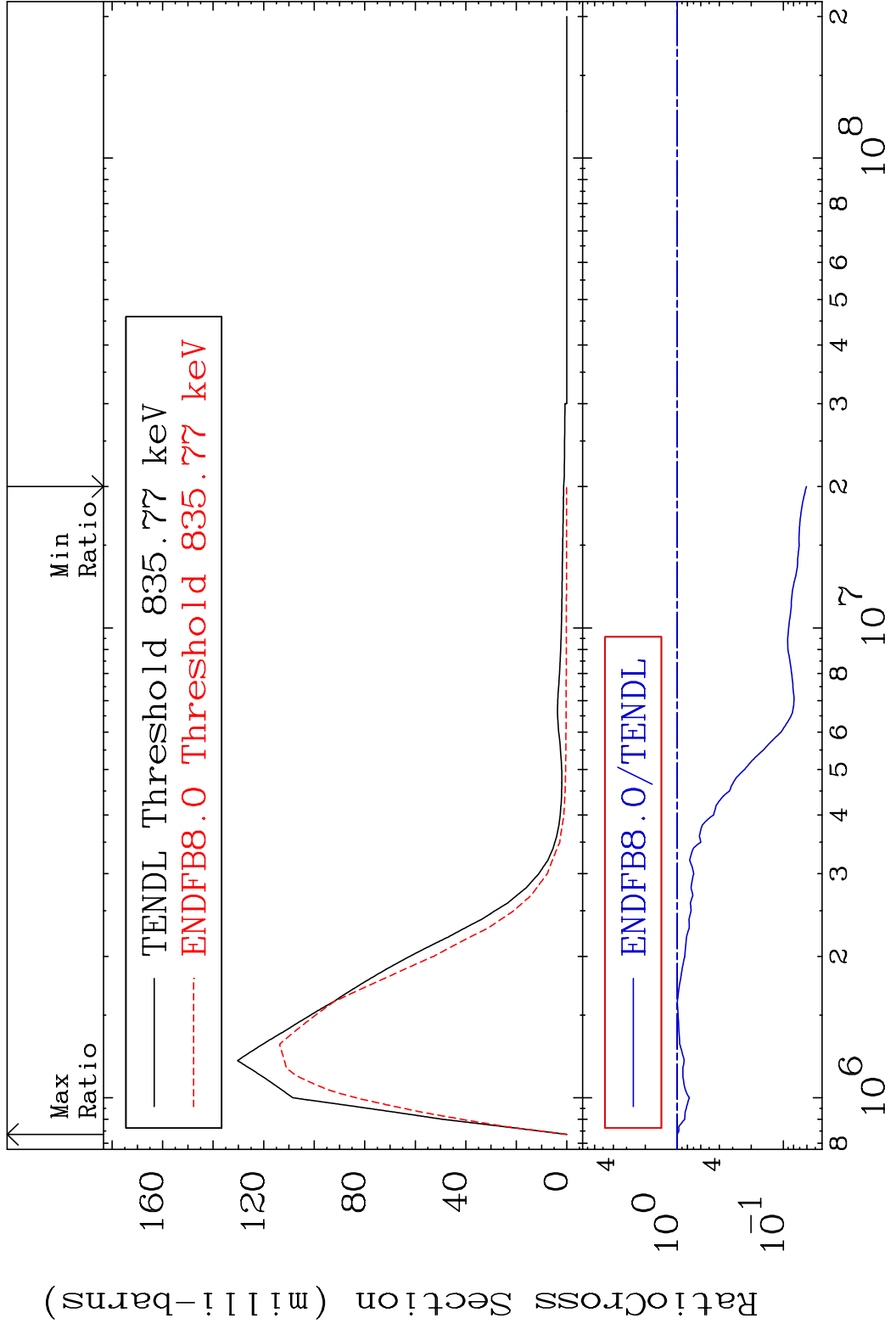
16 16 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 56 (n, n') Level 94-Pu-242
 Cross Section -95.83 To 78.53 %

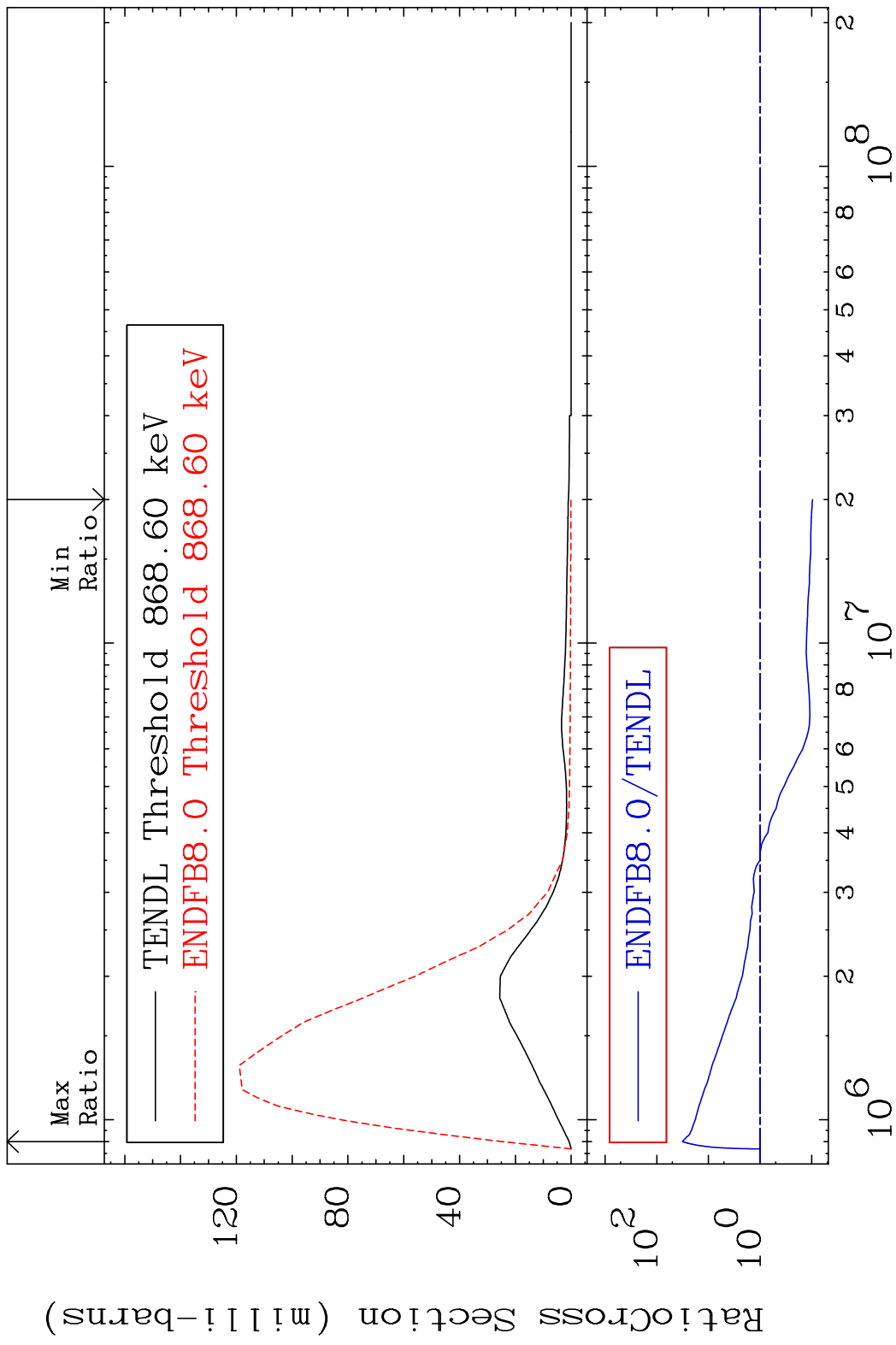


17 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 57 (n, n') Level 94-Pu-242
 Cross Section -93.95 To 0.000 %

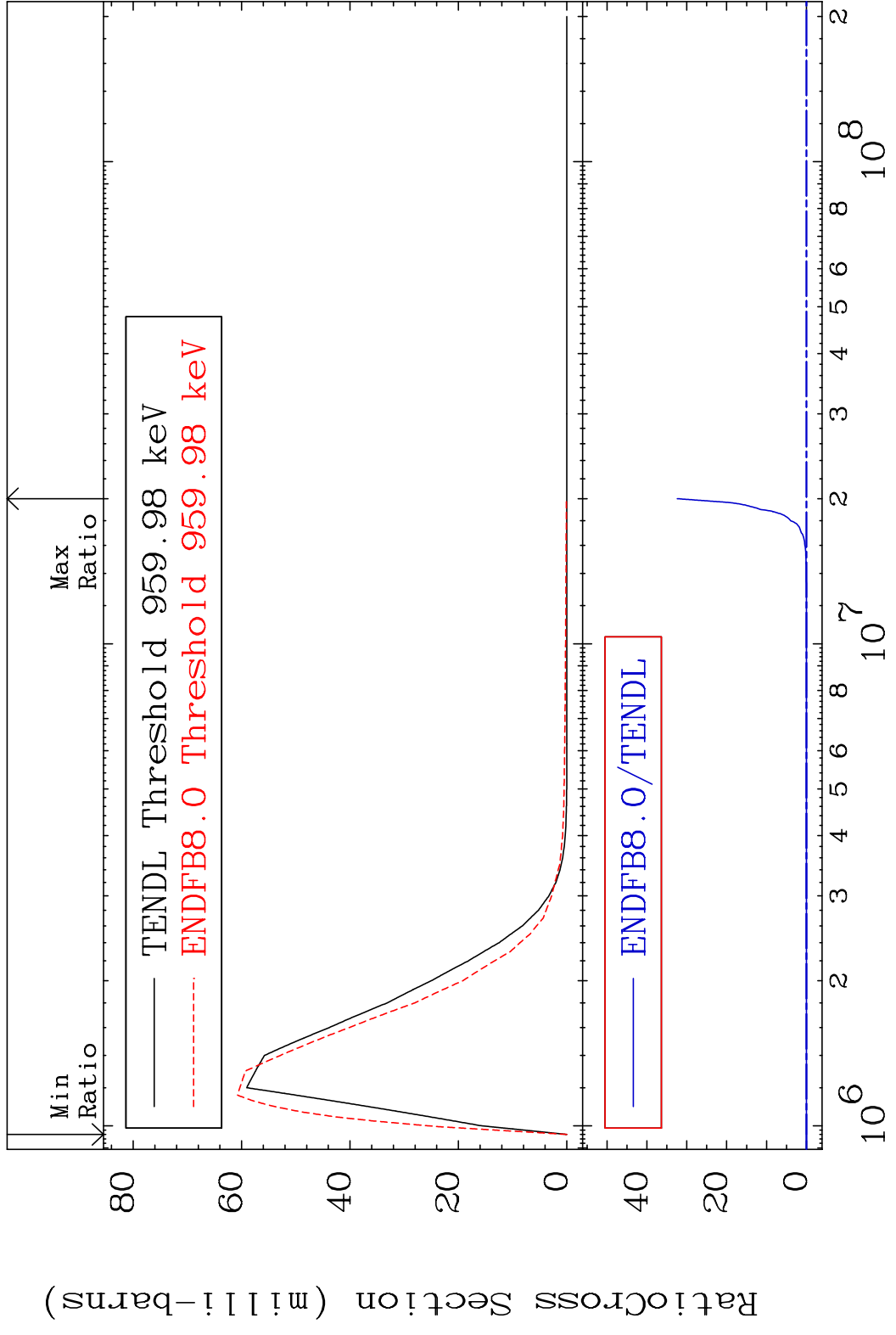


MAT 9446 MT= 58 (n, n') Level 94-Pu-242
 Cross Section -90.34 To 3096. %



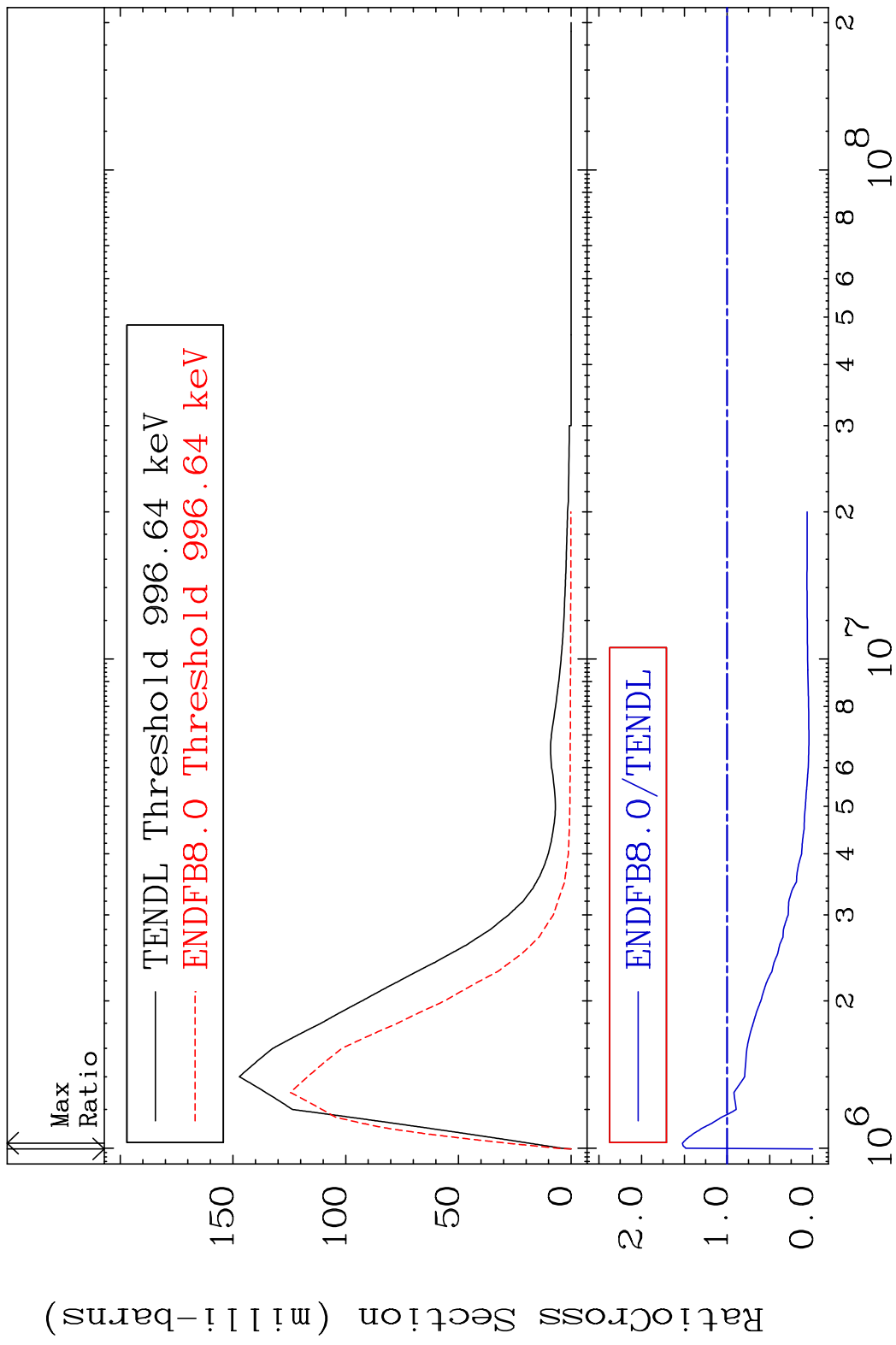
19 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 60 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %



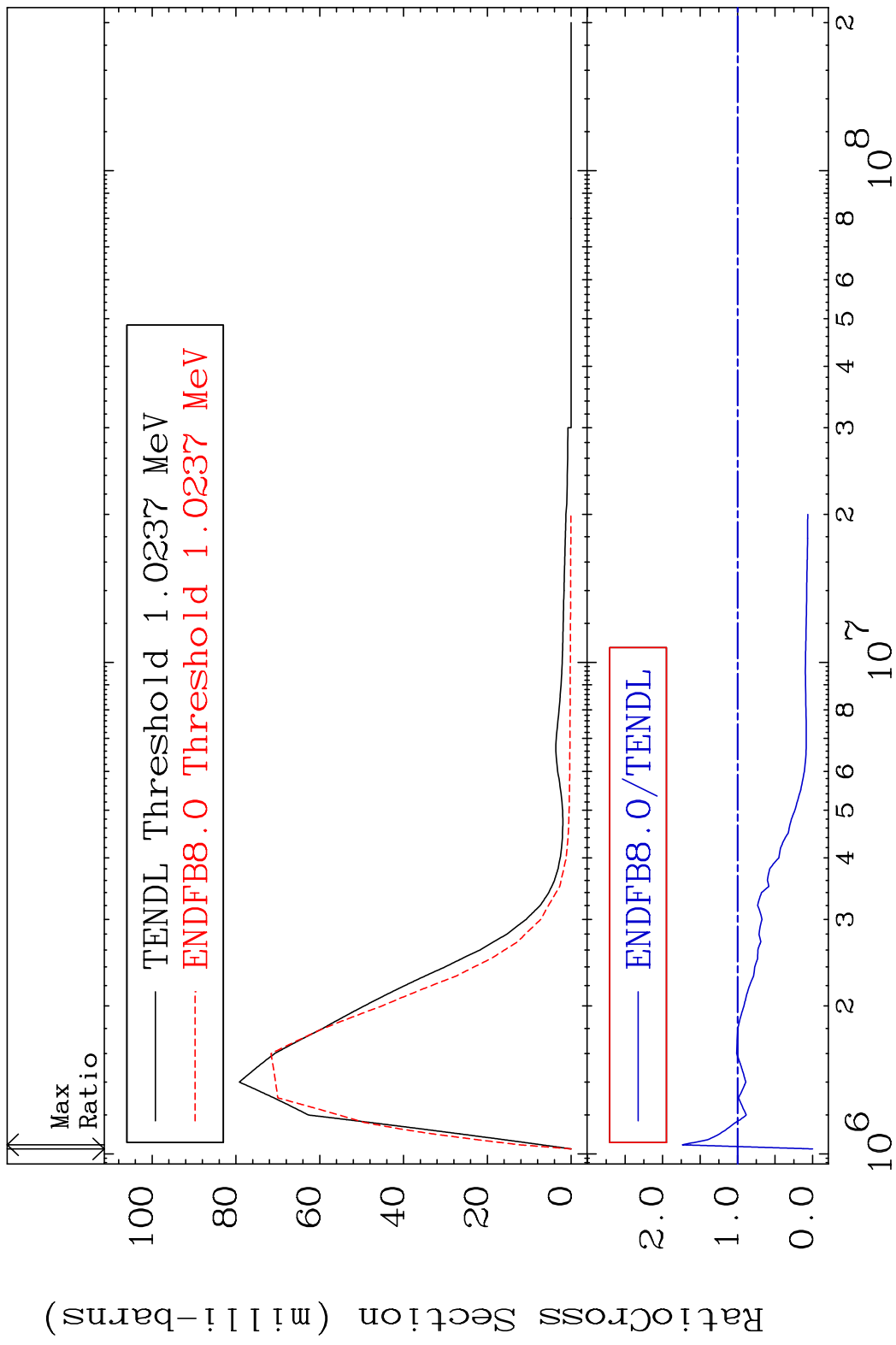
21 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 61 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 52.32 %



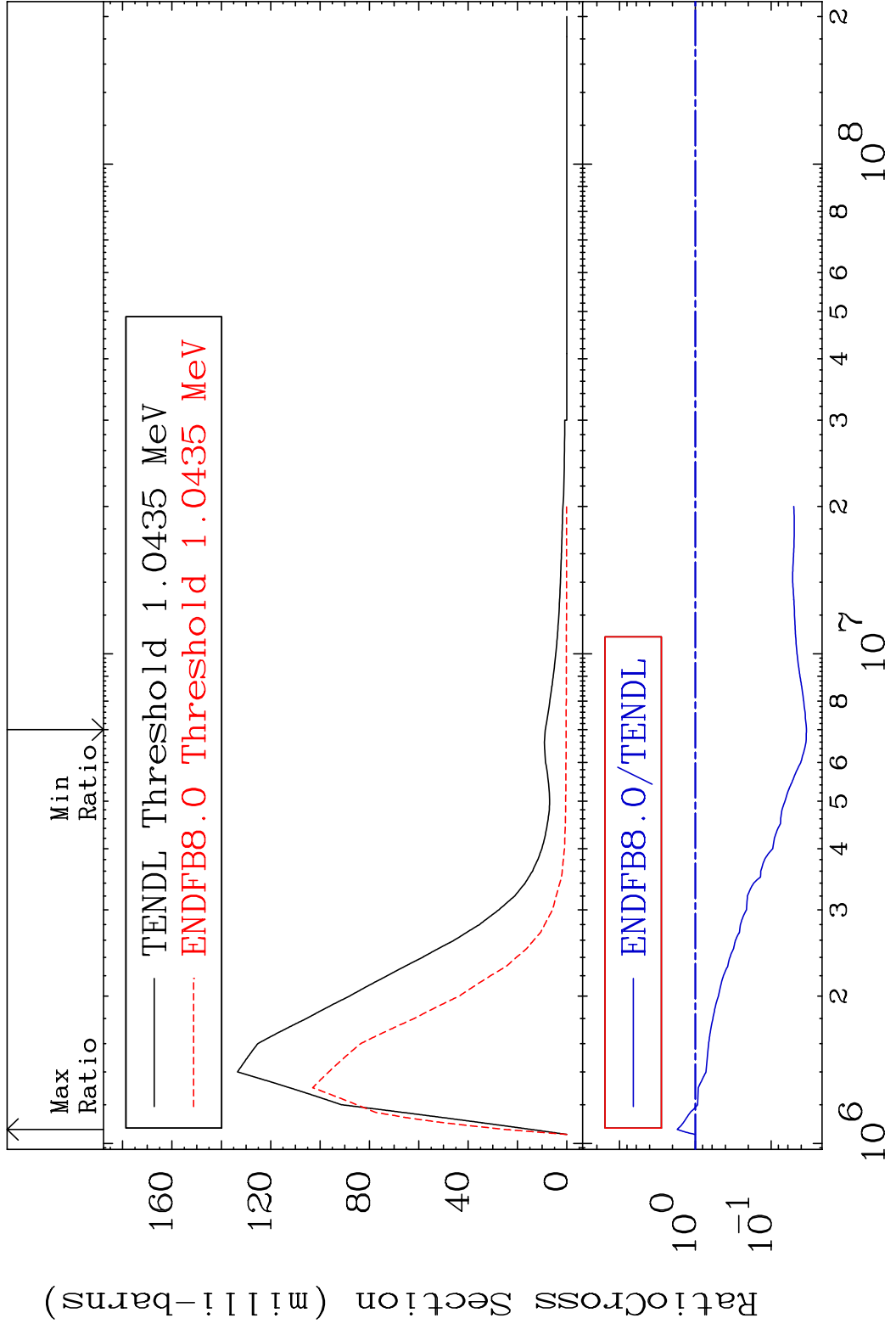
22 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 62 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 73.62 %



23 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 63 (n, n') Level 94-Pu-242
 Cross Section -96.59 To 73.46 %



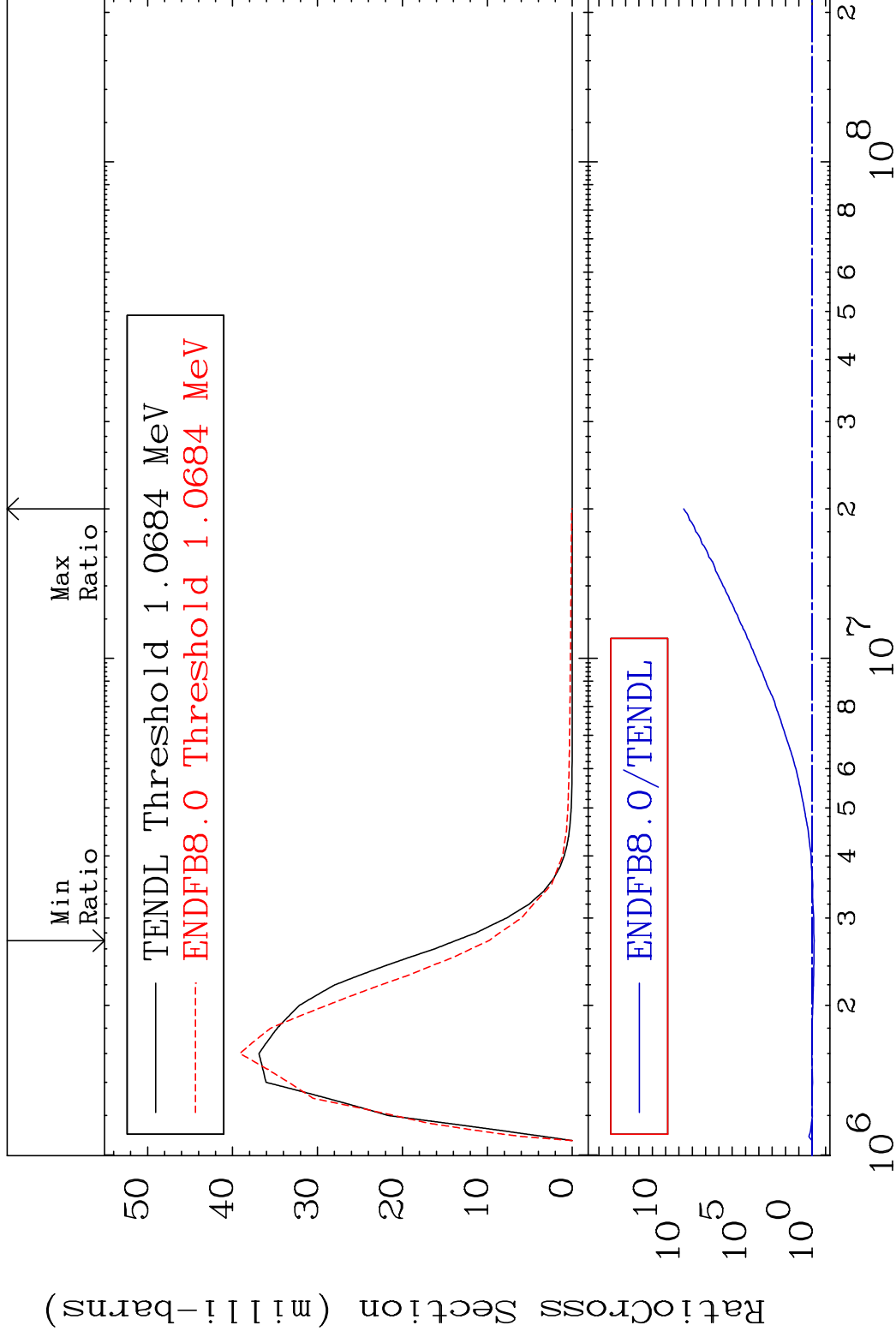
24 Incident Energy (eV) 94-Pu-242

MAT 9446

MT= 64 (n, n') Level

94-Pu-242

Cross Section -28.58 To 9999. %



25

Incident Energy (eV)

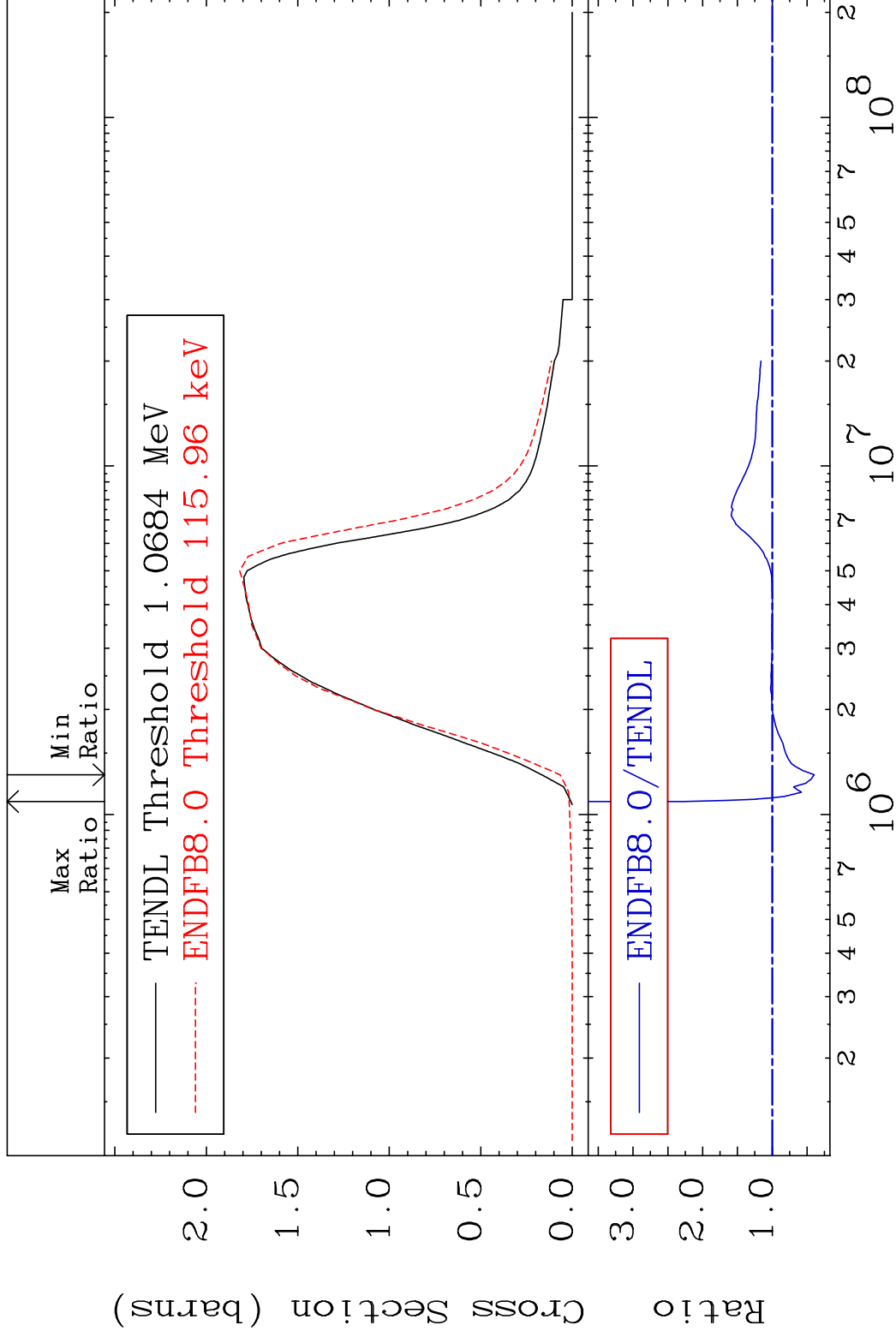
94-Pu-242

MAT 9446

(n, n') Continuum

94-Pu-242

Cross Section -60.17 To 127.3 %



26

Incident Energy (eV)

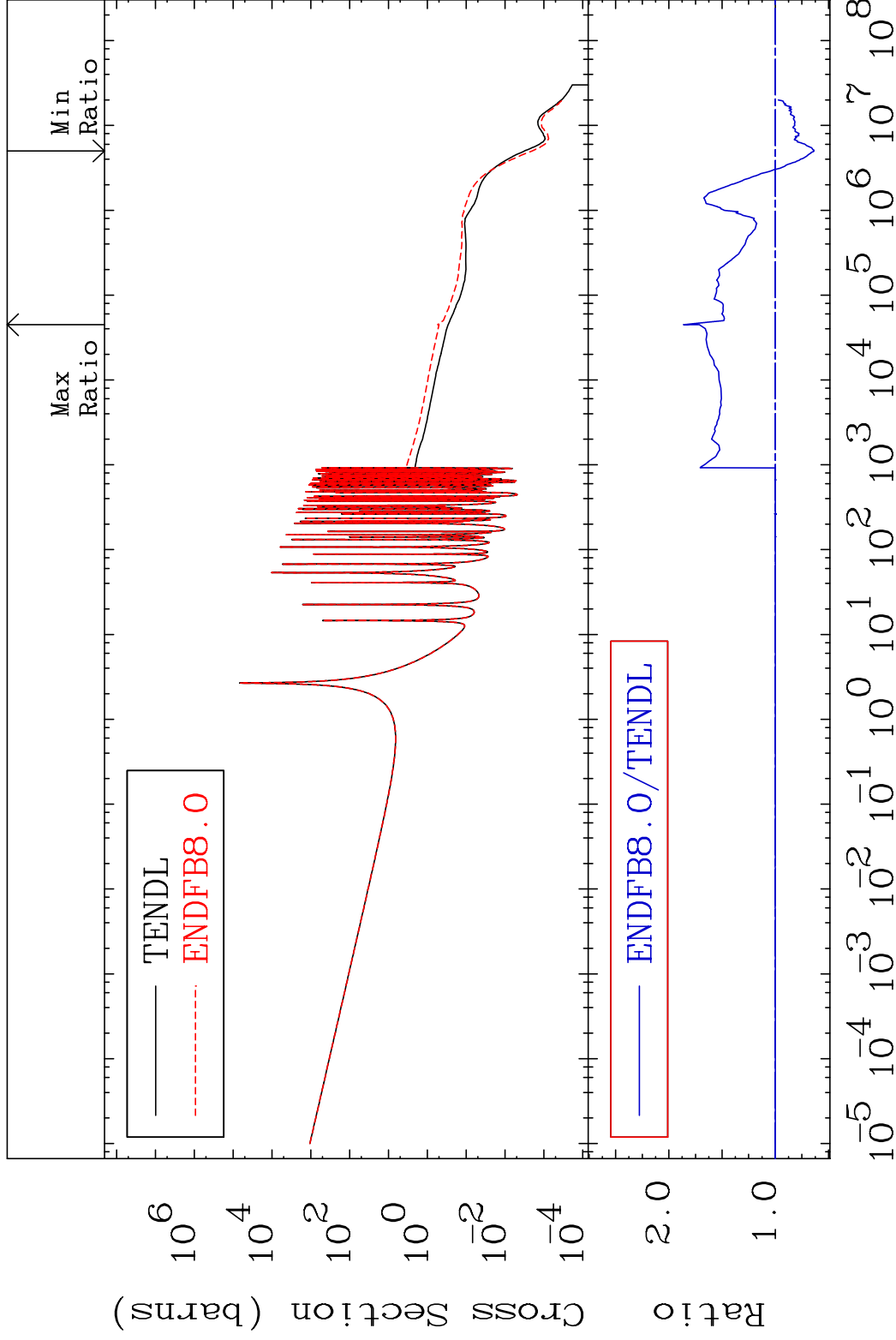
94-Pu-242

MAT 9446

(n, γ)

94-Pu-242

Cross Section -36.46 To 86.10 %



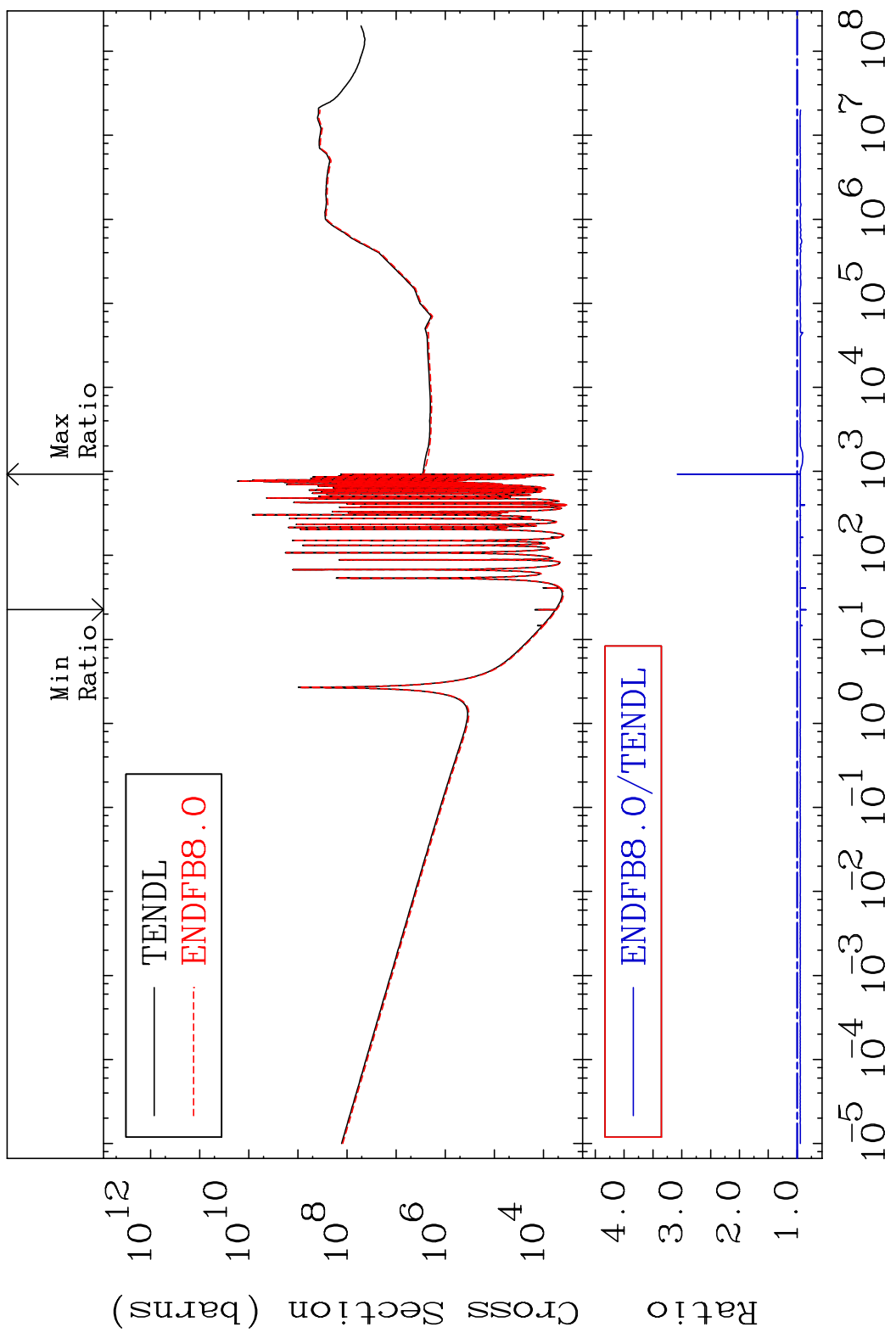
27

Incident Energy (eV)

94-Pu-242

MAT 9446

Kerma total (eV-barns) 94-Pu-242
Cross Section -16.19 To 208.0 %

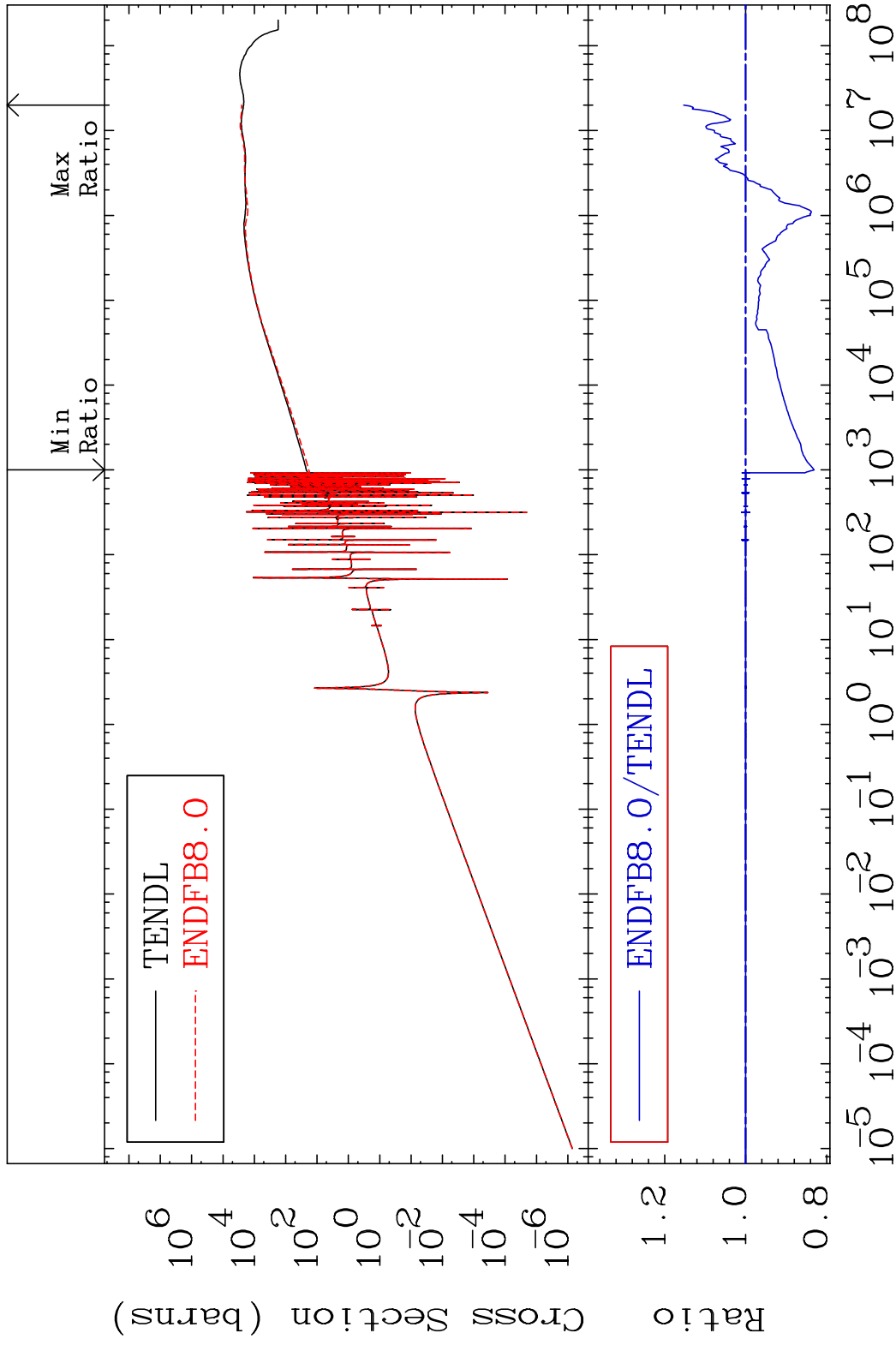


MAT 9446

Kerma elastic

94-Pu-242

Cross Section -16.91 To 15.30 %

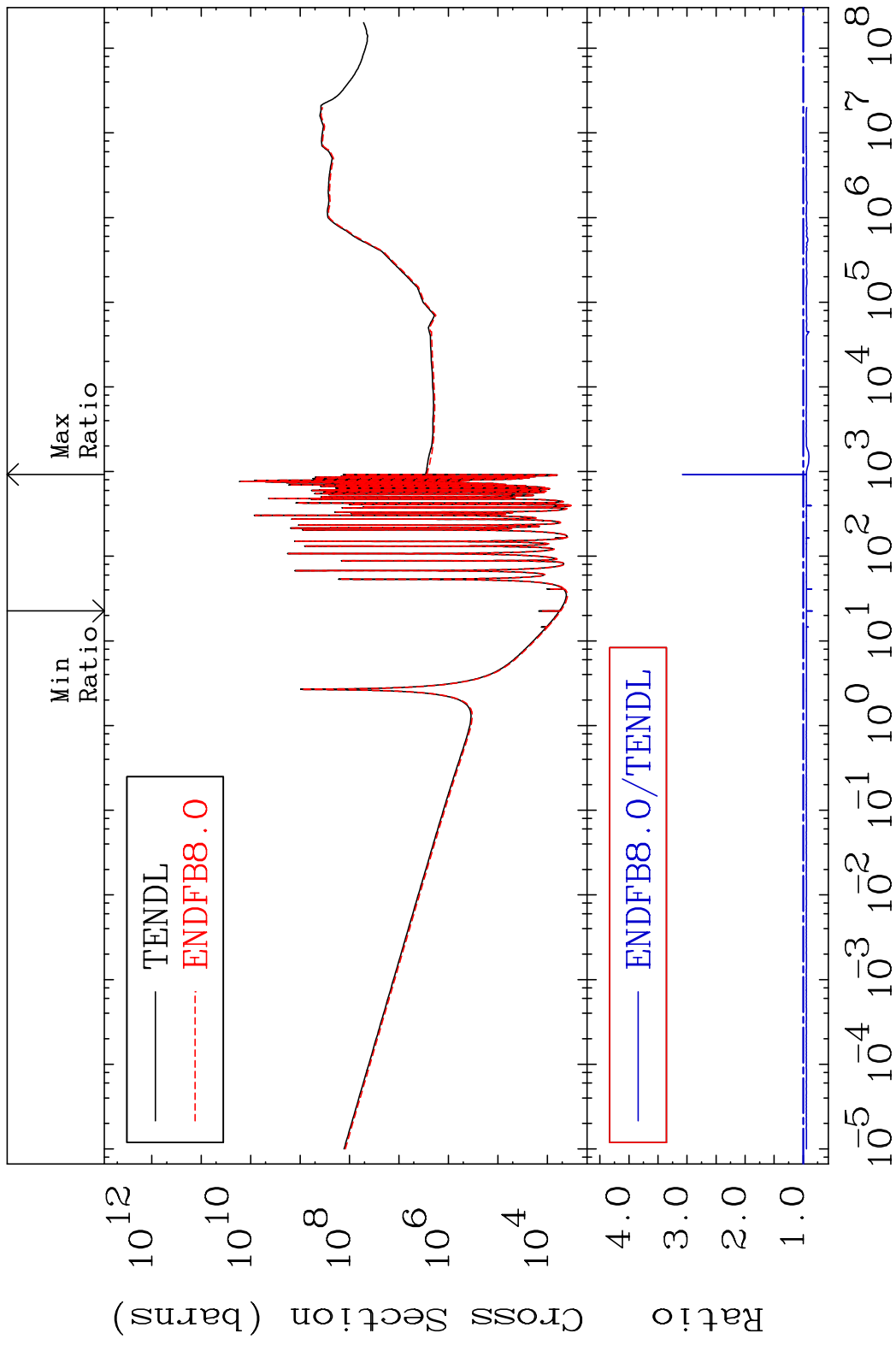


29

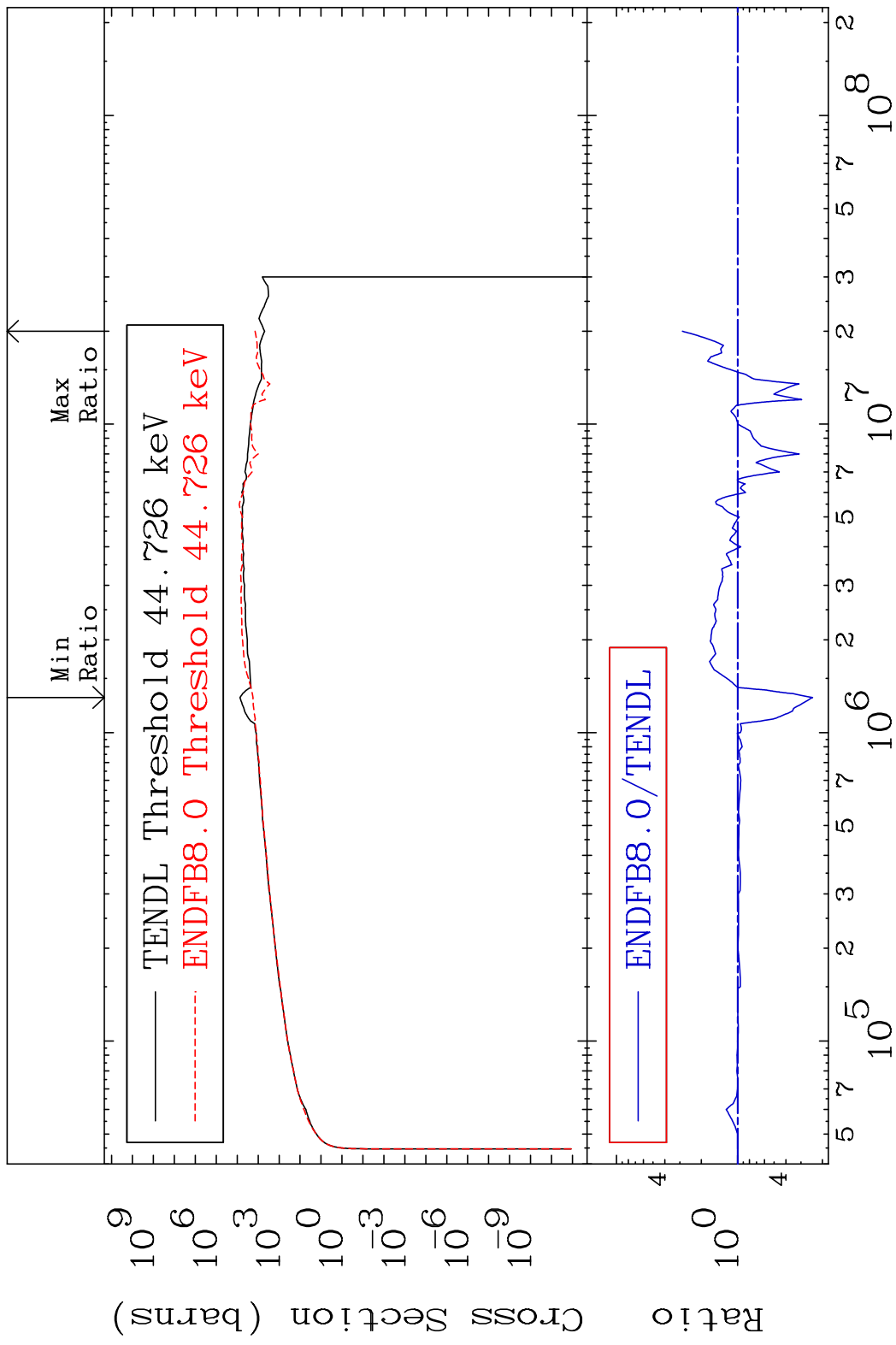
Incident Energy (eV)

94-Pu-242

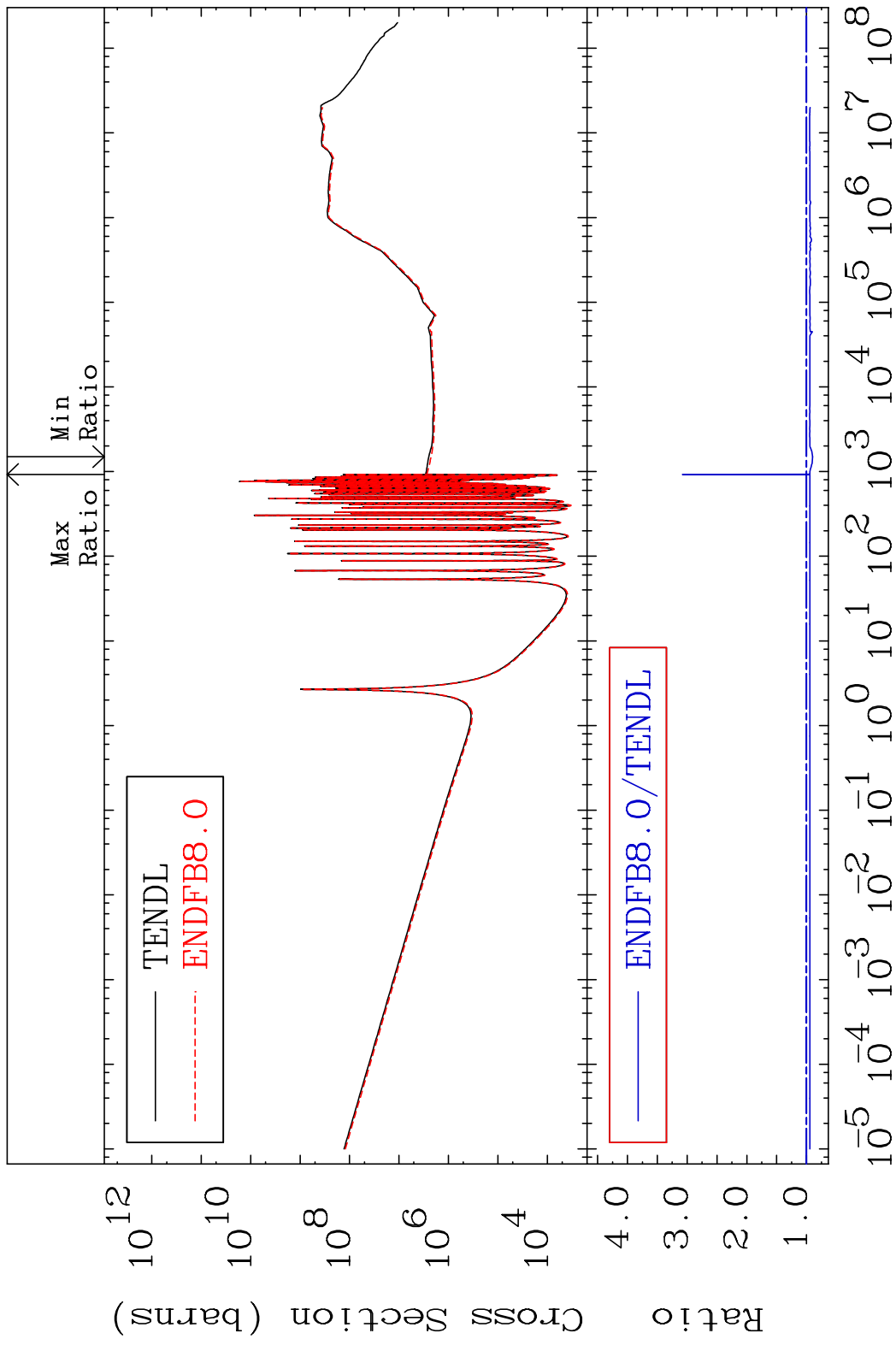
MAT 9446 Kerma non-elastic (all but mt2) 94-Pu-242
 Cross Section -16.20 To 208.0 %



MAT 9446 Kerma inelastic (mt51-91) 94-Pu-242
 Cross Section -75.91 To 186.3 %

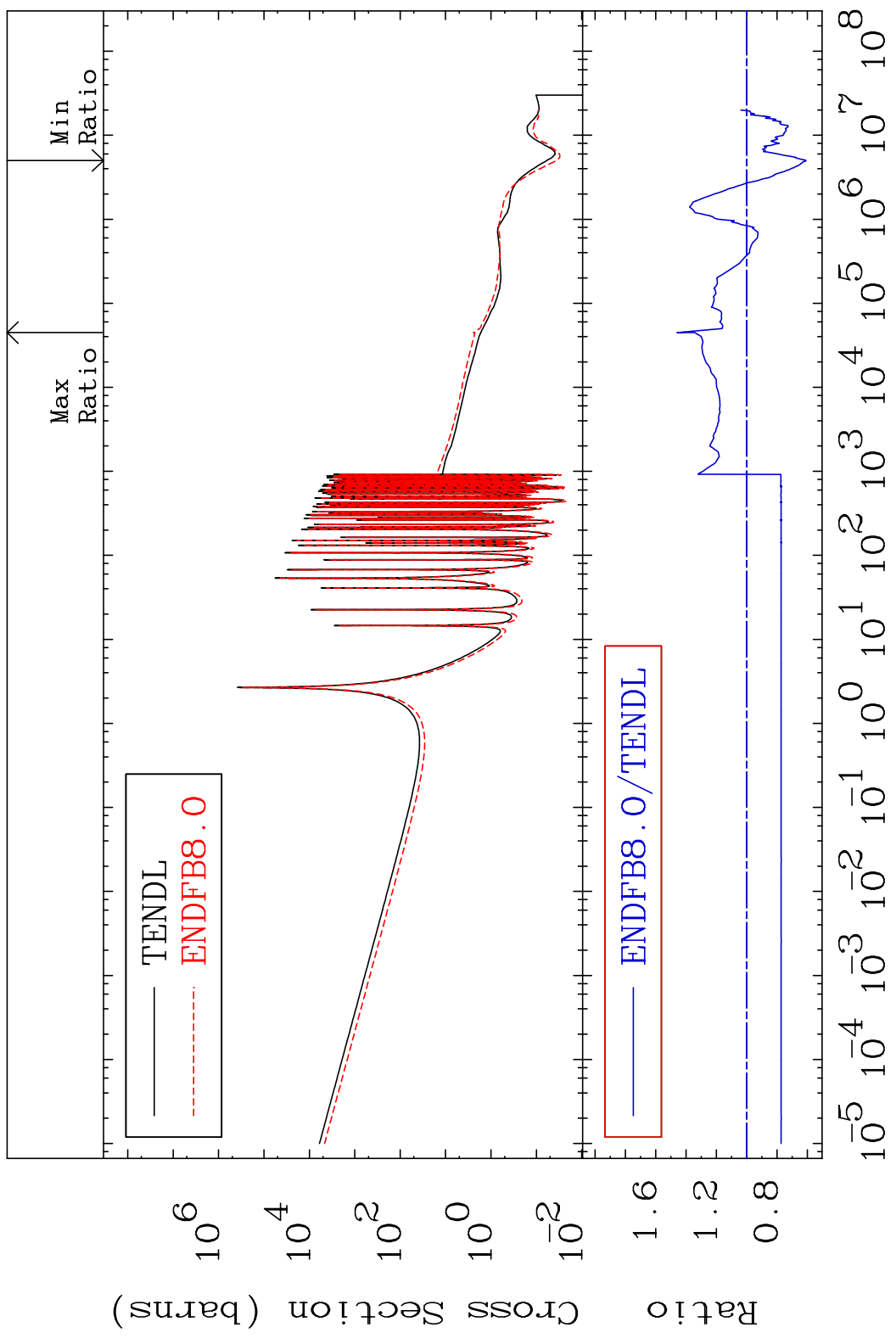


MAT 9446 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-242
 Cross Section -10.10 To 208.0 %



MAT 9446

Kerma capture (mt102) 94-Pu-242
Cross Section -39.39 To 45.87 %

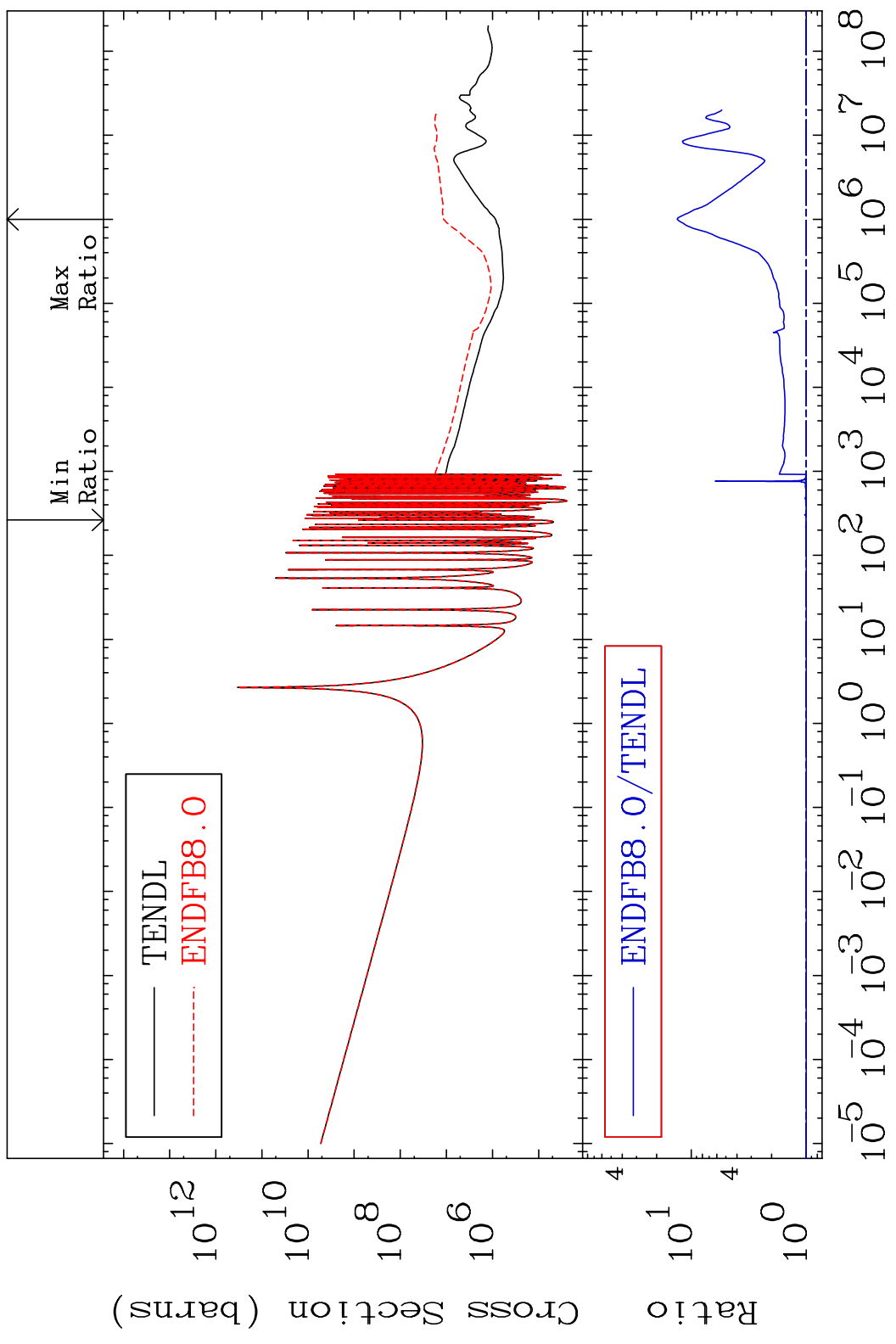


MAT 9446

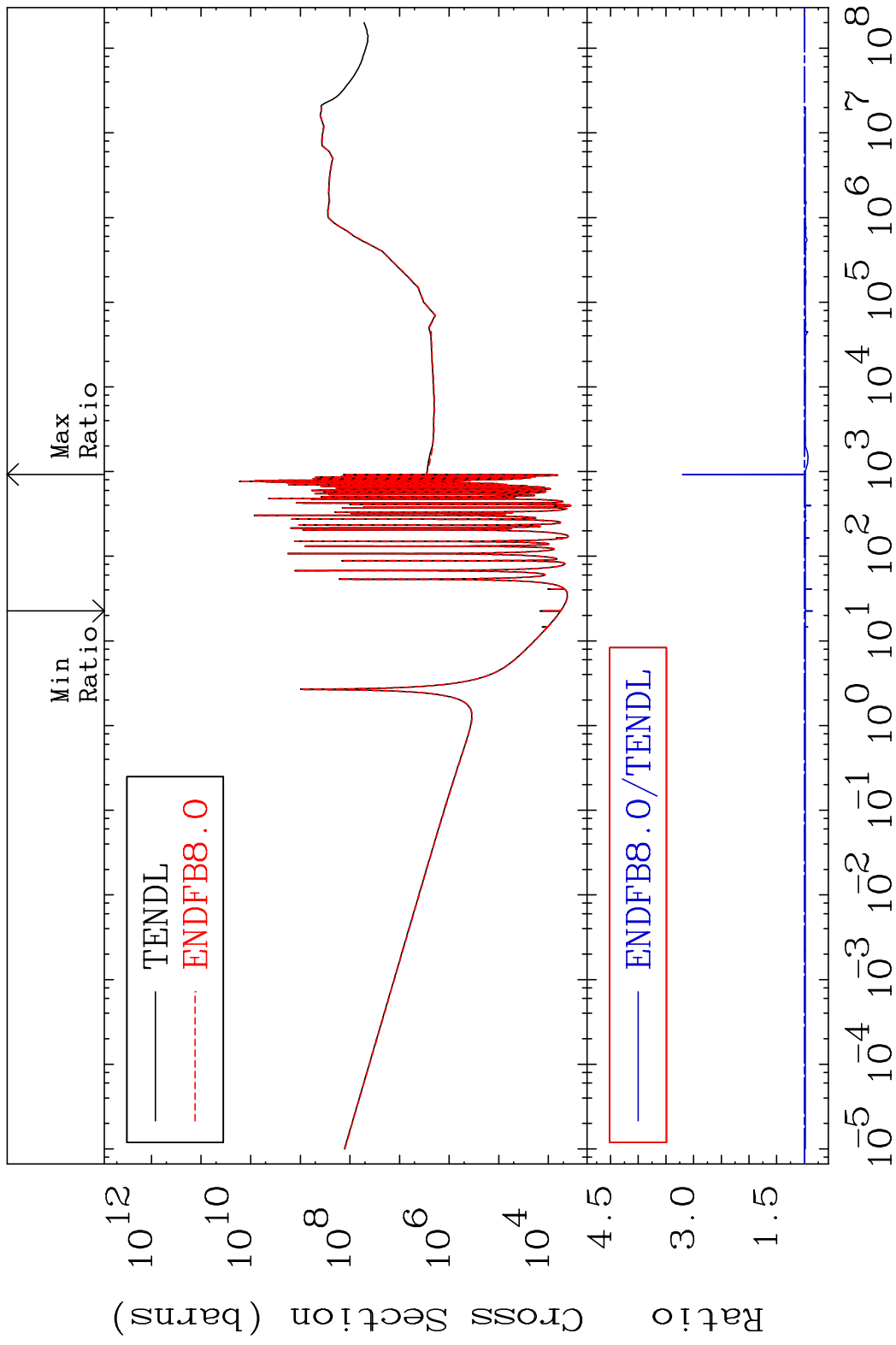
Total photon (eV-barns)

94-Pu-242

Cross Section -0.5660 To 1227. %



MAT 9446 Total kinematic kerma (high limit) 94-Pu-242
 Cross Section -14.76 To 220.3 %

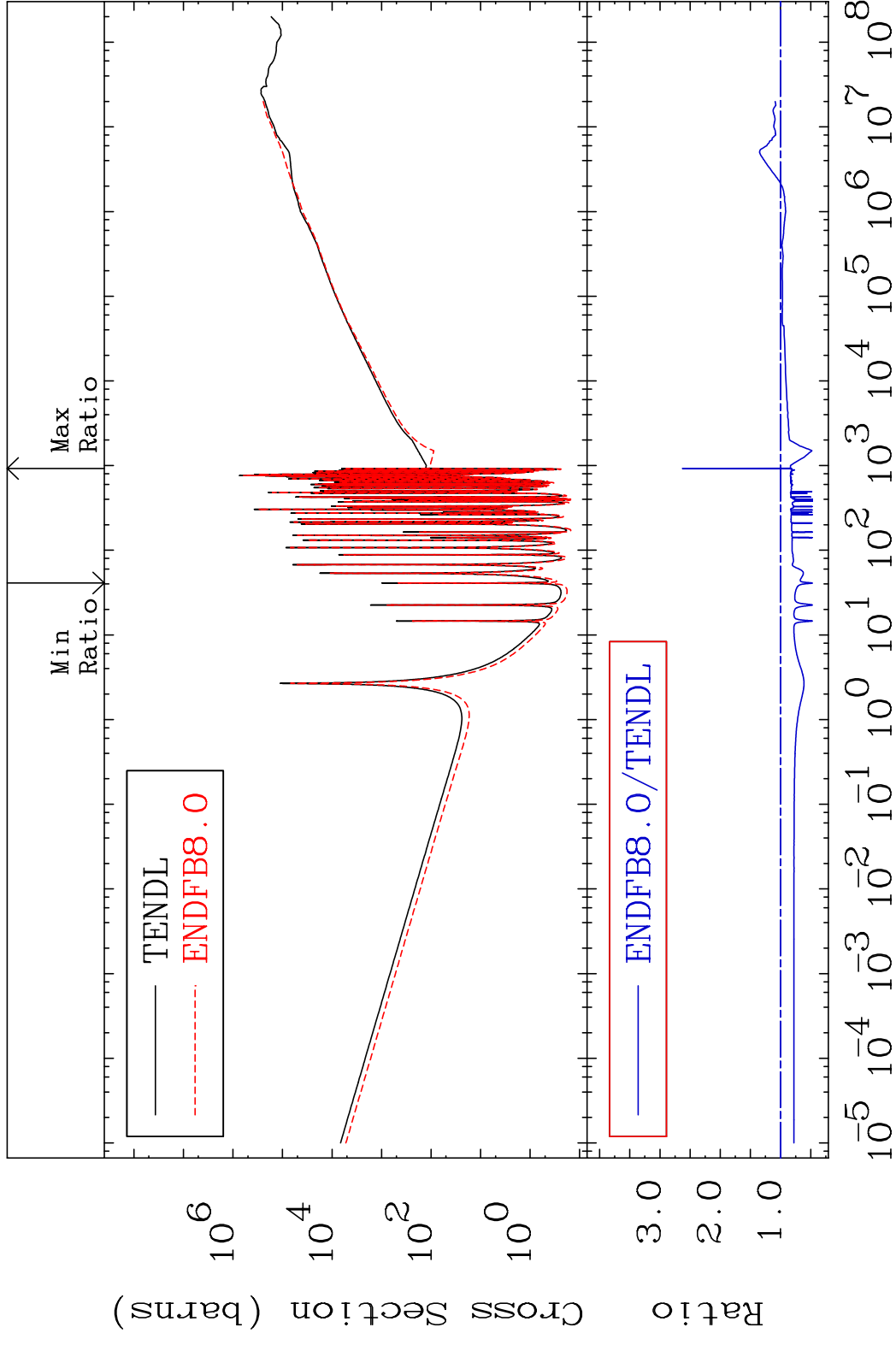


MAT 9446

Dpa total (eV-barns)

94-Pu-242

Cross Section -53.08 To 162.8 %

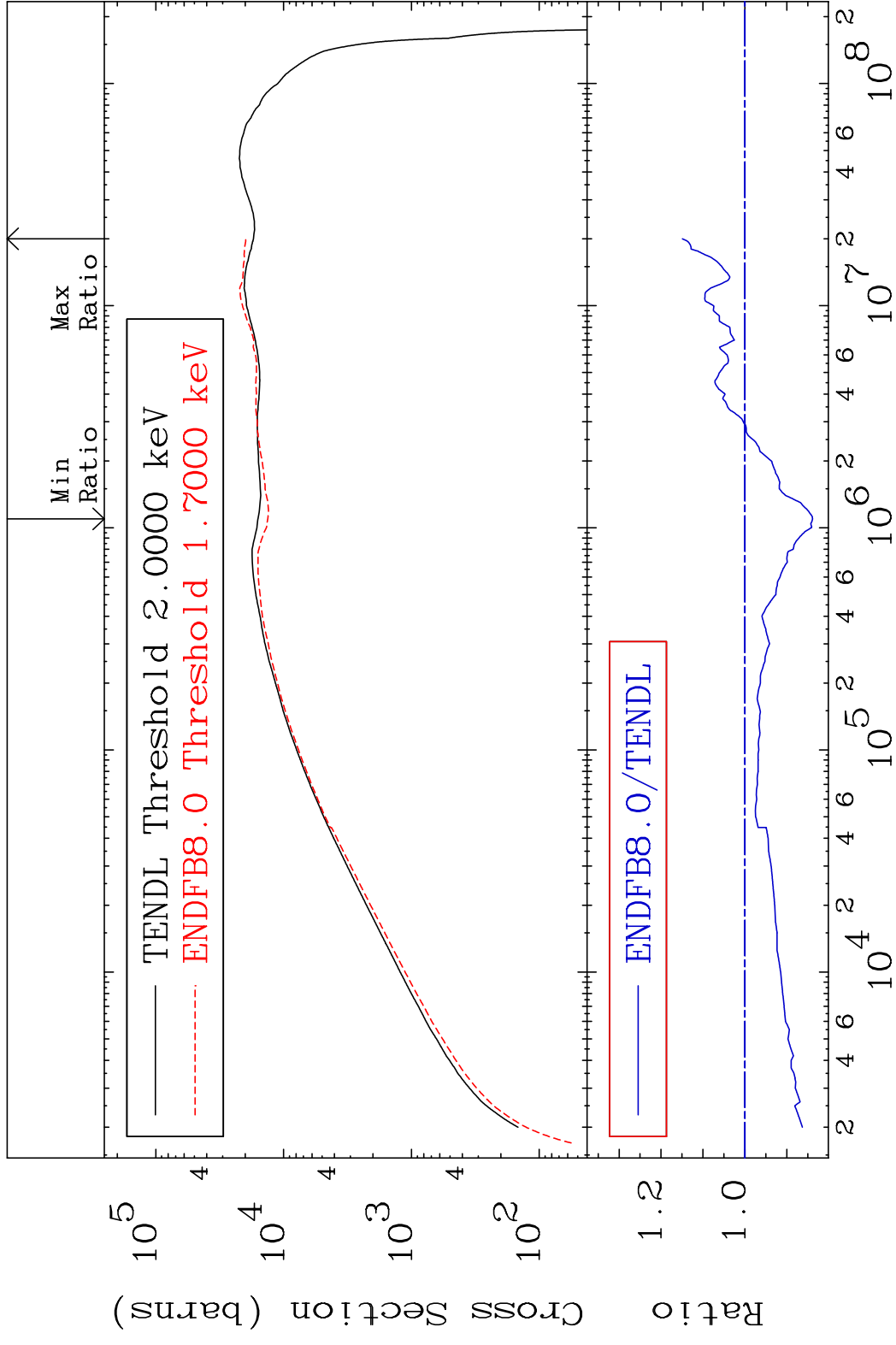


MAT 9446

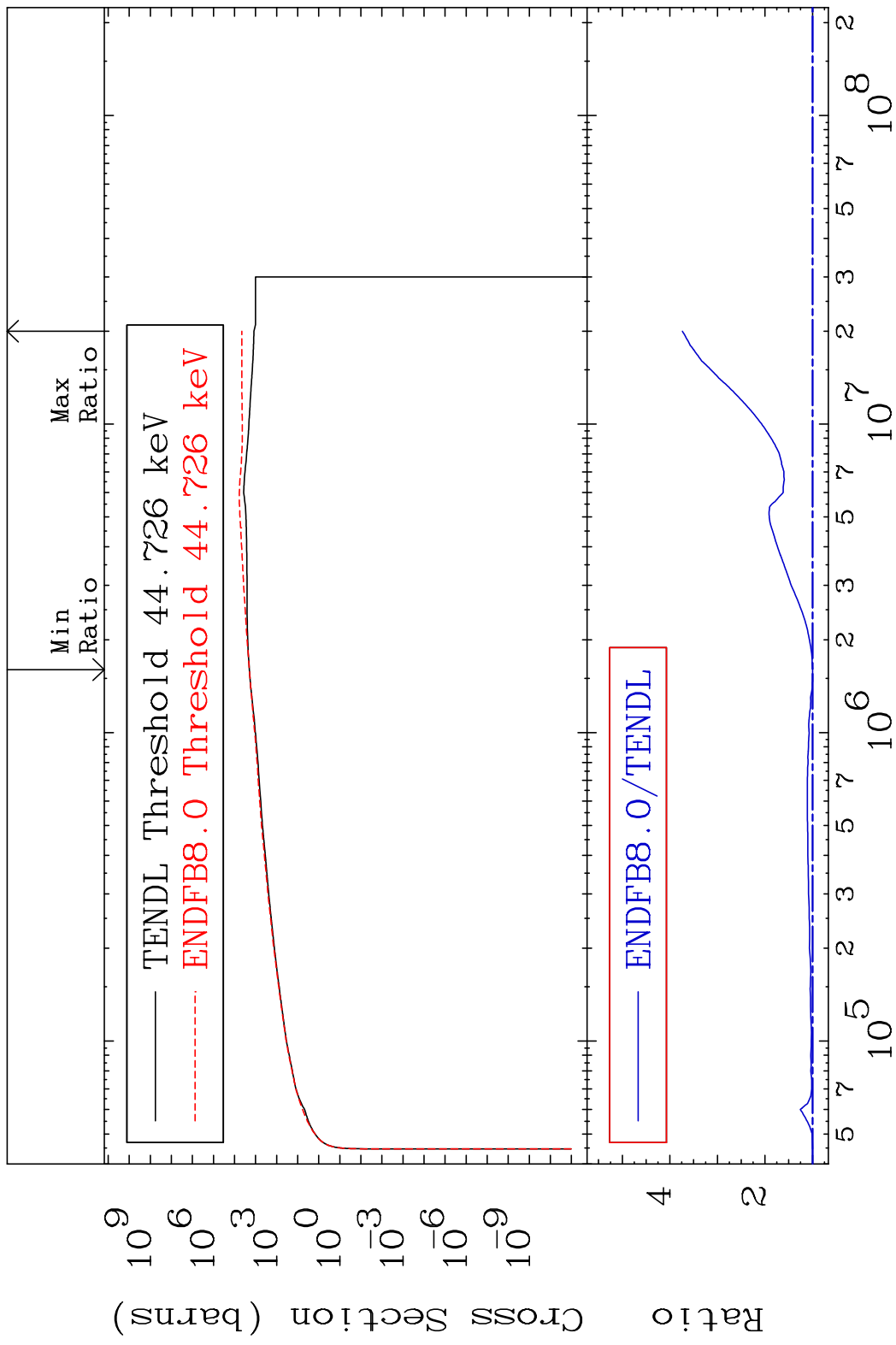
Dpa elastic (mt2)

94-Pu-242

Cross Section -16.14 To 14.92 %



MAT 9446 Dpa inelastic (mt51-91) 94-Pu-242
 Cross Section -0.119 To 273.8 %



MAT 9446 Dpa disappearance (mt102 -120) 94-Pu-242
 Cross Section -99.99 To 28.49 %

