

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

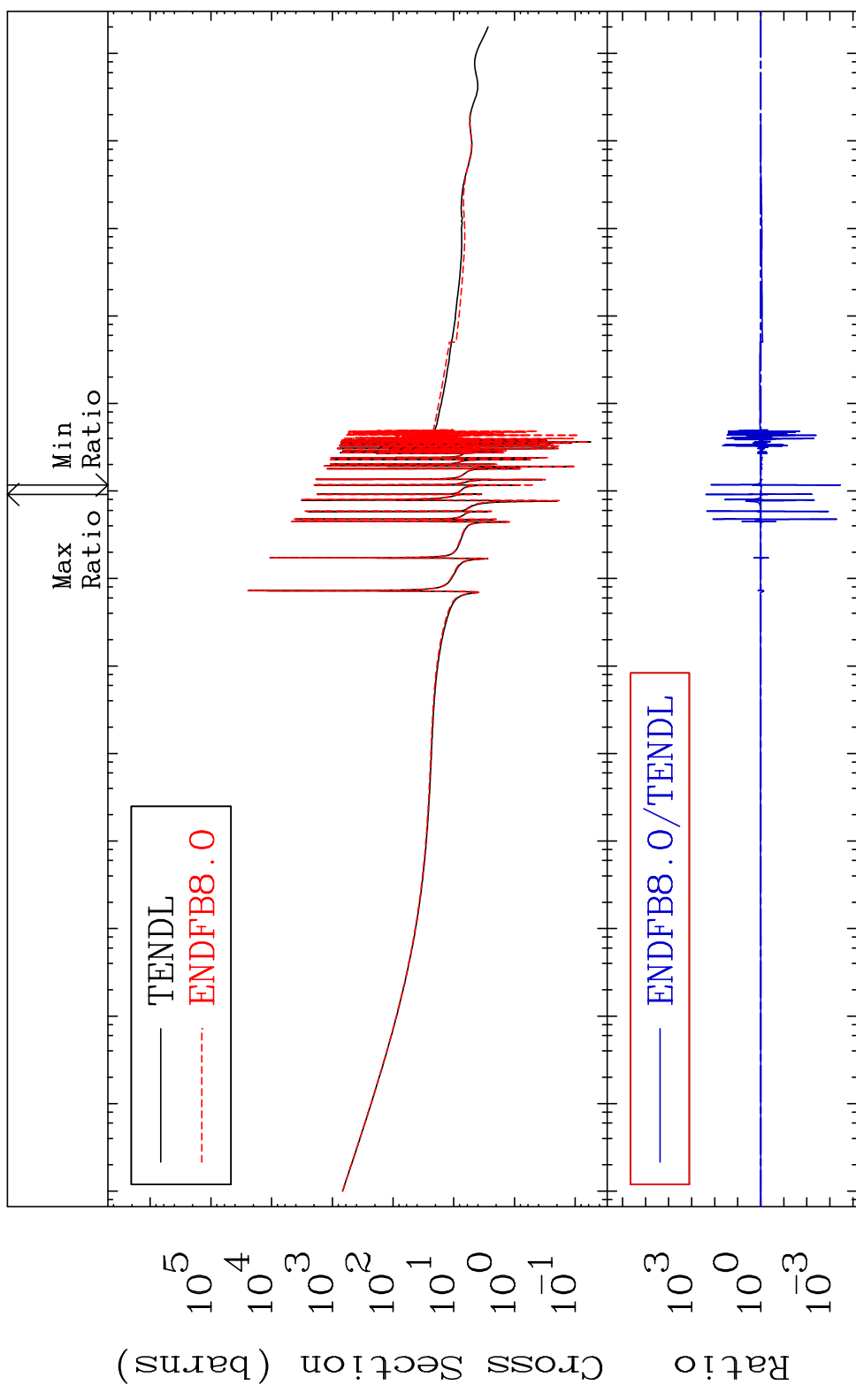
MAT 7243

Total

72-Hf-180

Cross Section

-99.97 To 9999. %



1

Incident Energy (eV)

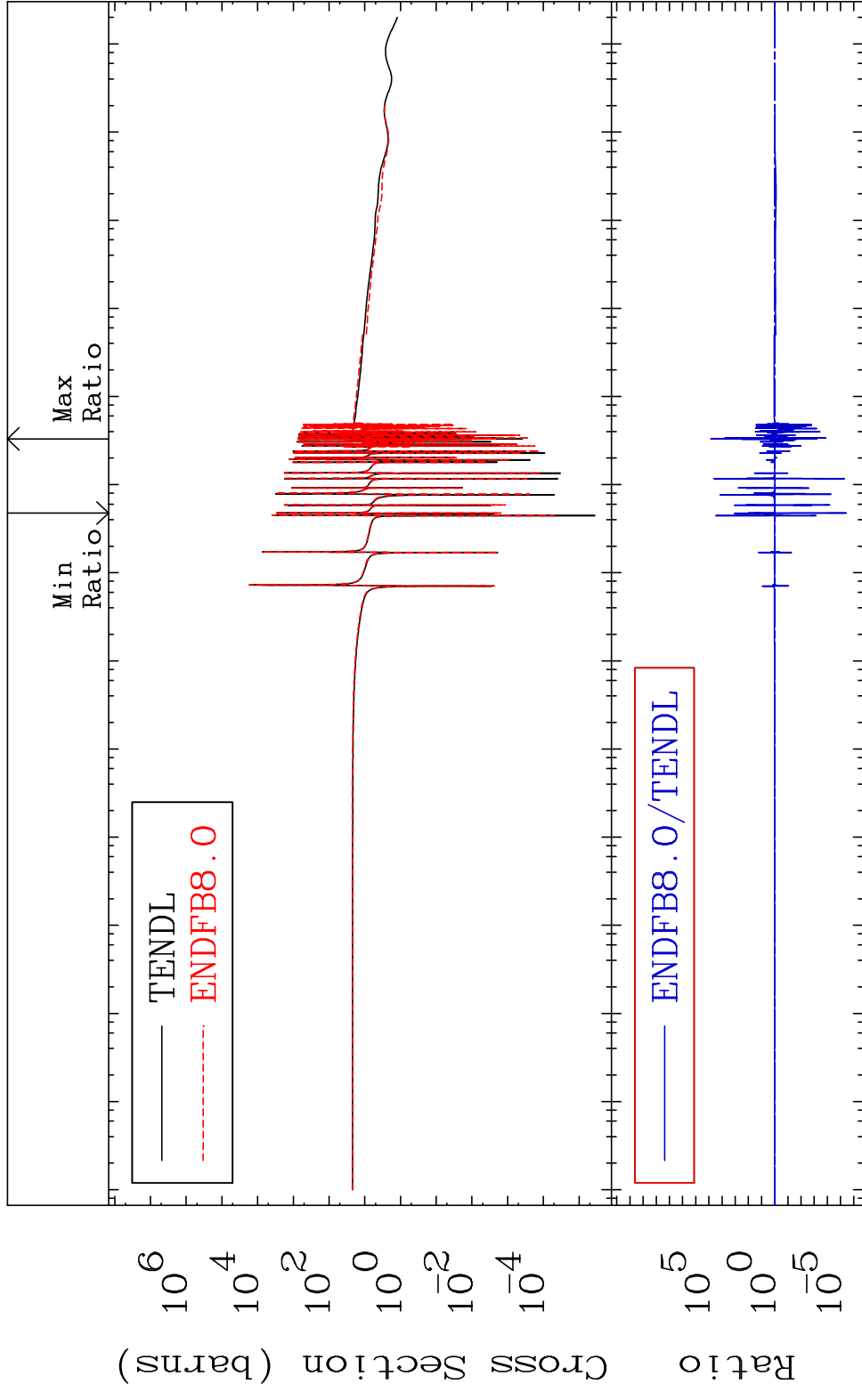
72-Hf-180

MAT 7243

Elastic

72-Hf-180

Cross Section -100.0 To 9999. %



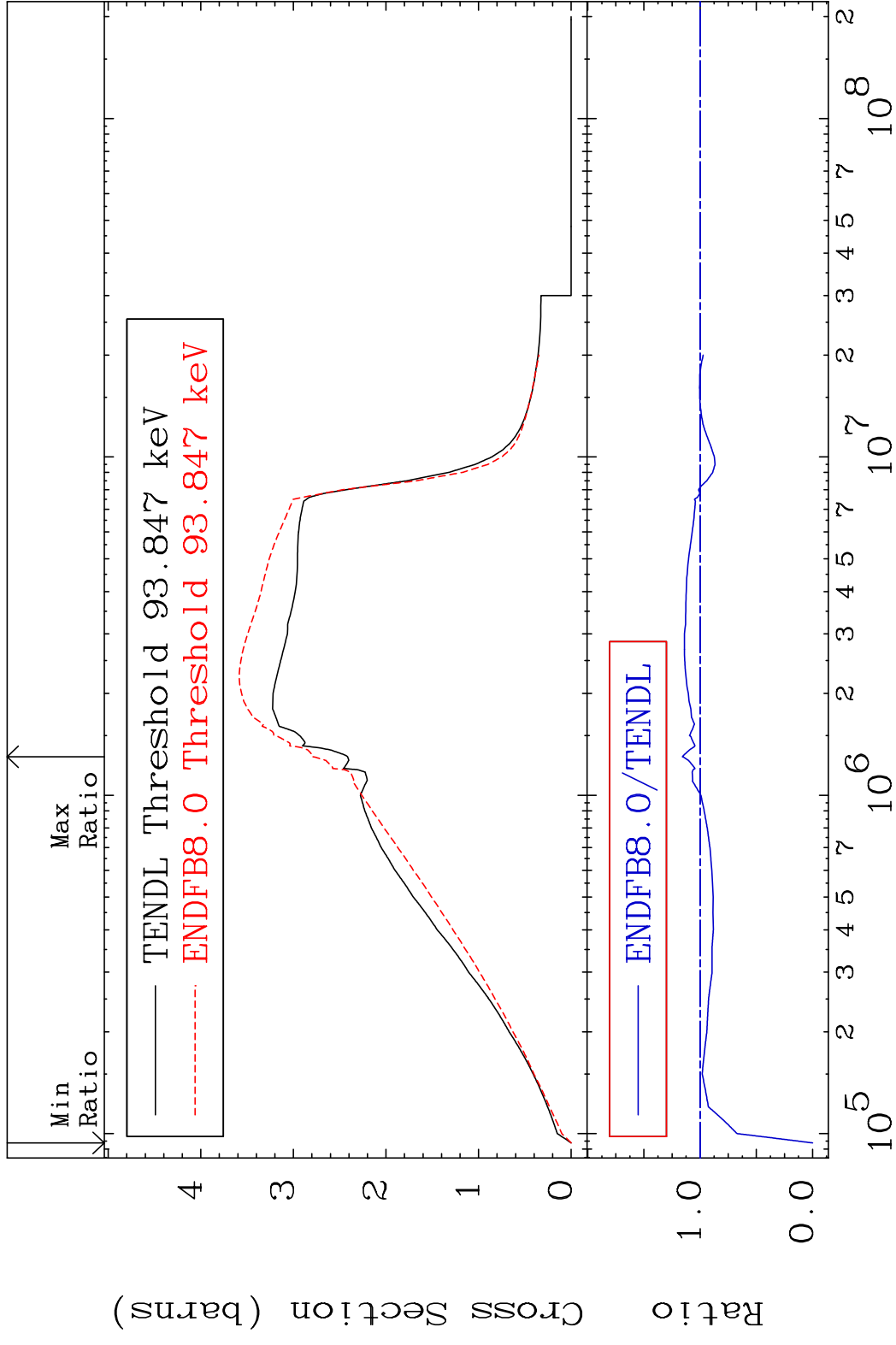
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

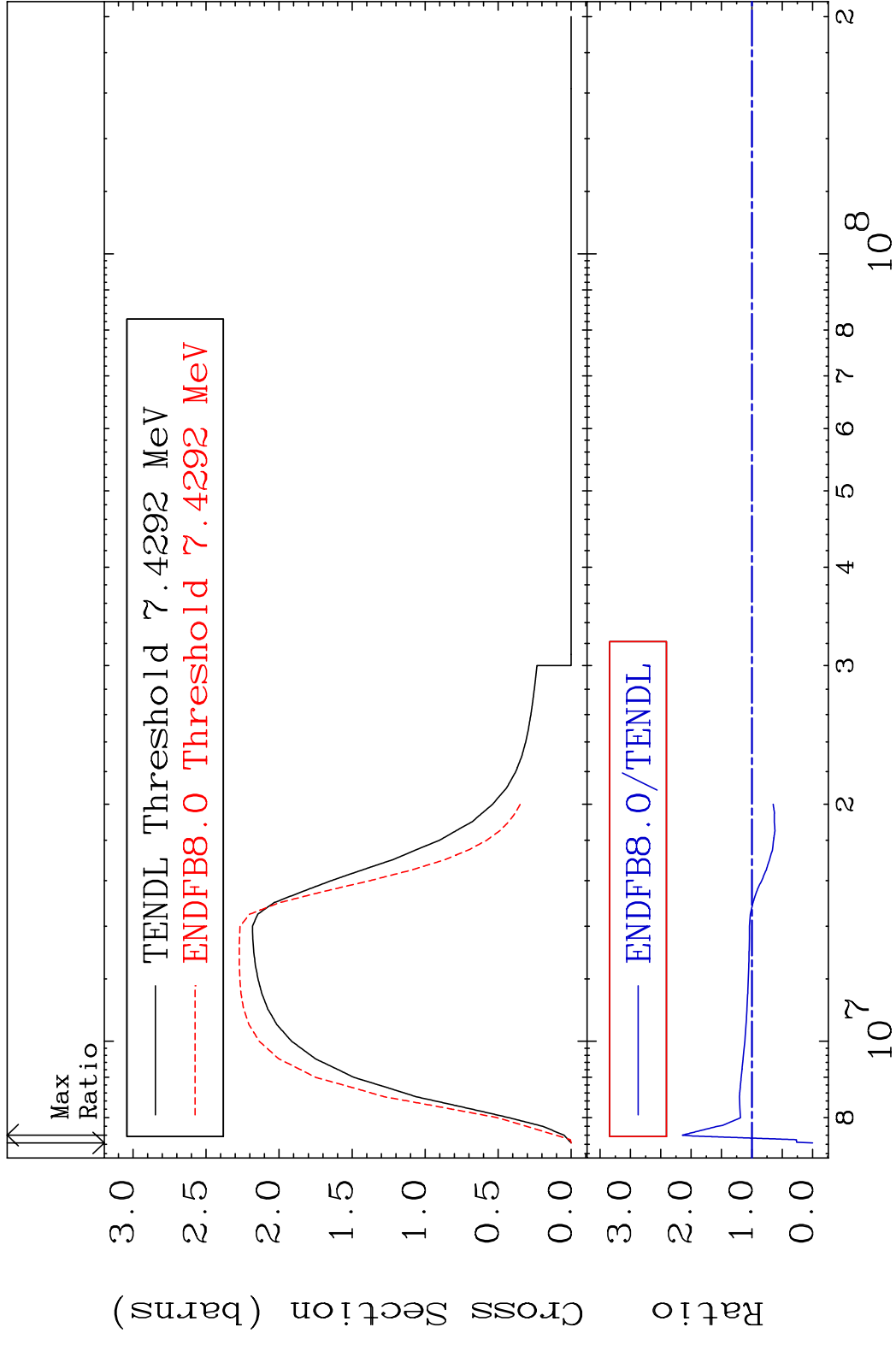
72-Hf-180

MAT 7243 Inelastic 72-Hf-180
Cross Section -100.0 To 15.82 %



3 Incident Energy (eV) 72-Hf-180

MAT 7243 (n,2n) 72-Hf-180
 Cross Section -100.0 To 114.5 %



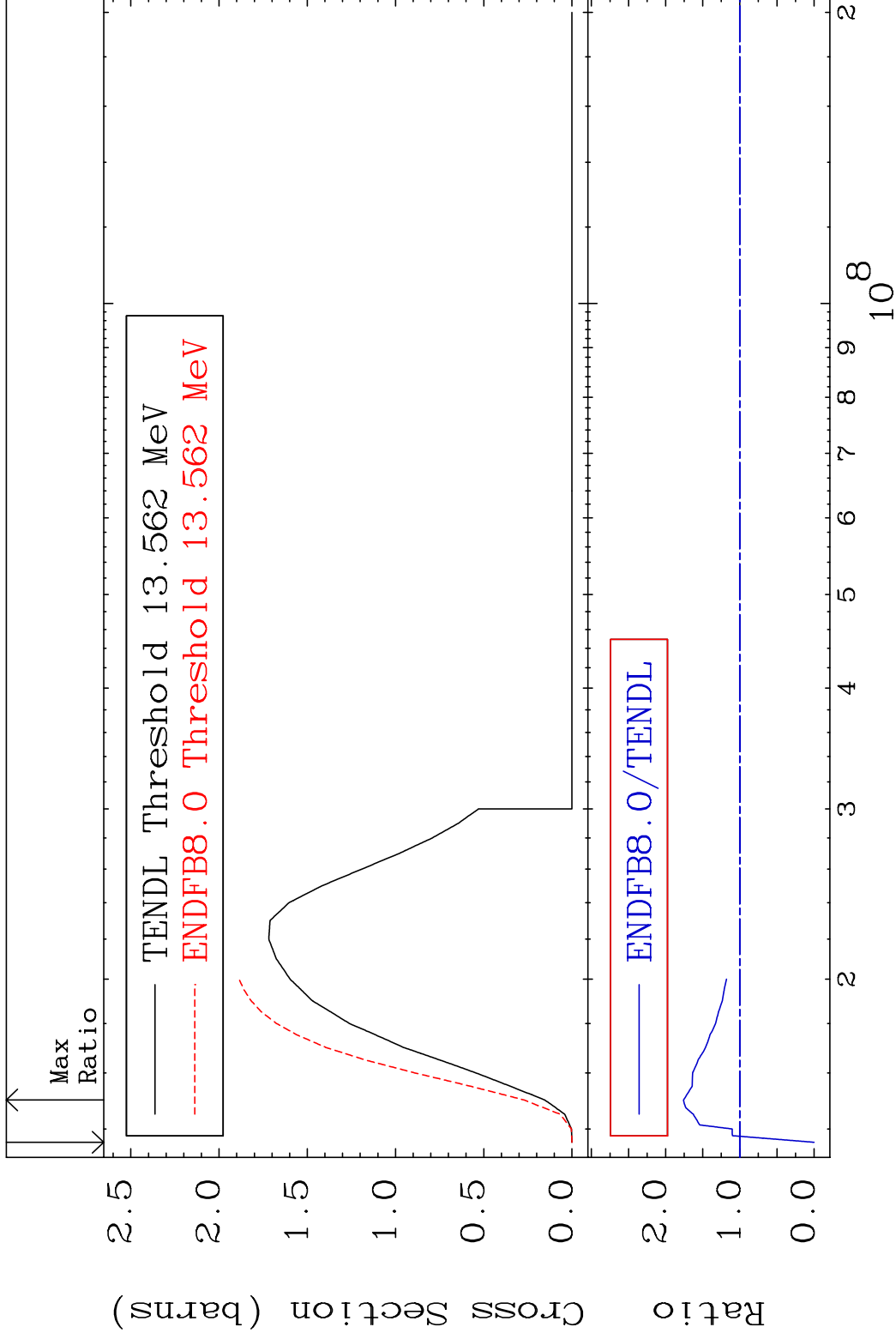
4 Incident Energy (eV) 72-Hf-180

MAT 7243

(n,3n)

72-Hf-180

Cross Section -100.0 To 75.96 %



5

Incident Energy (eV)

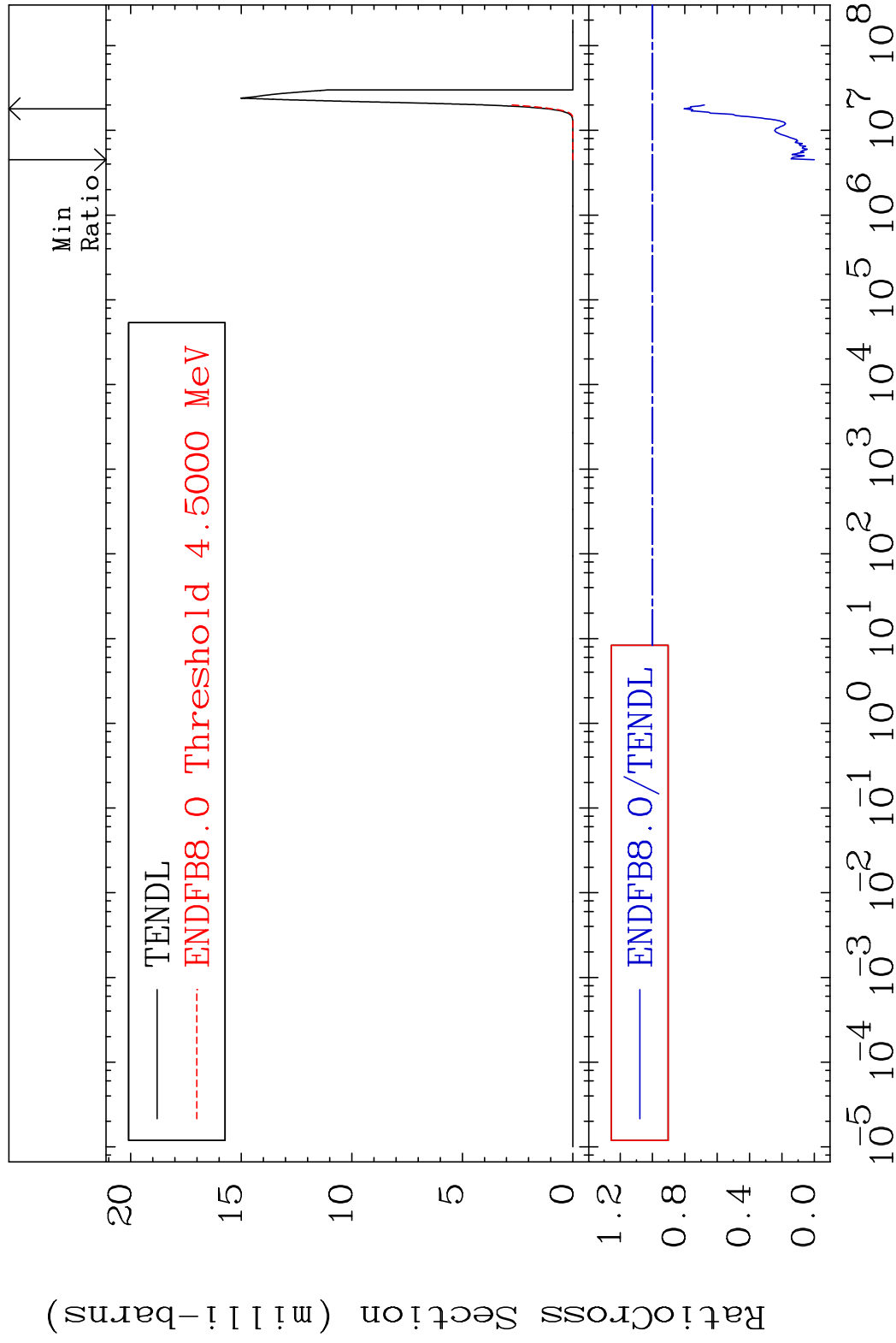
72-Hf-180

MAT 7243

(n, n') α

72-Hf-180

Cross Section -100.0 To -19.51%

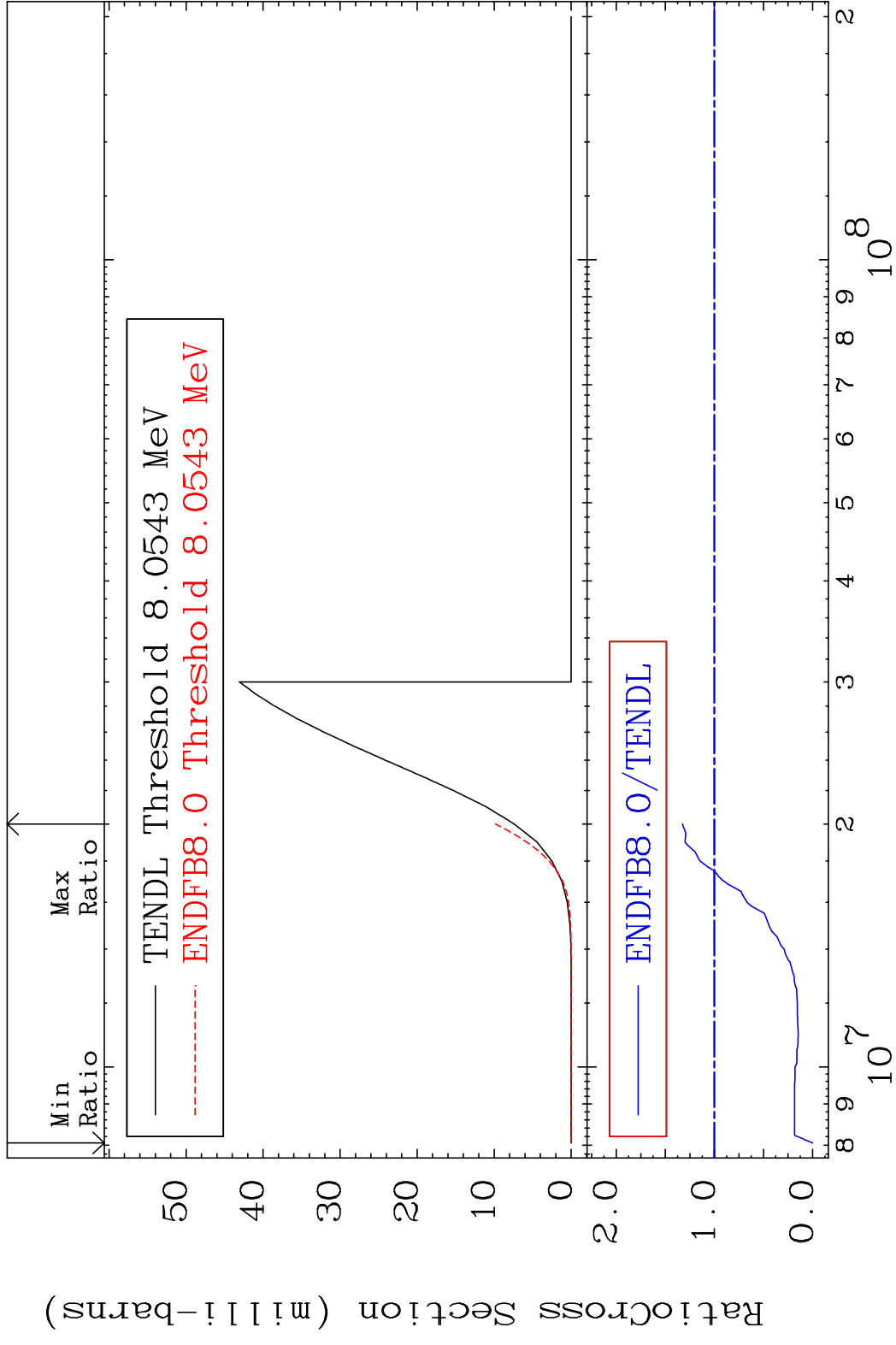


6

Incident Energy (eV)

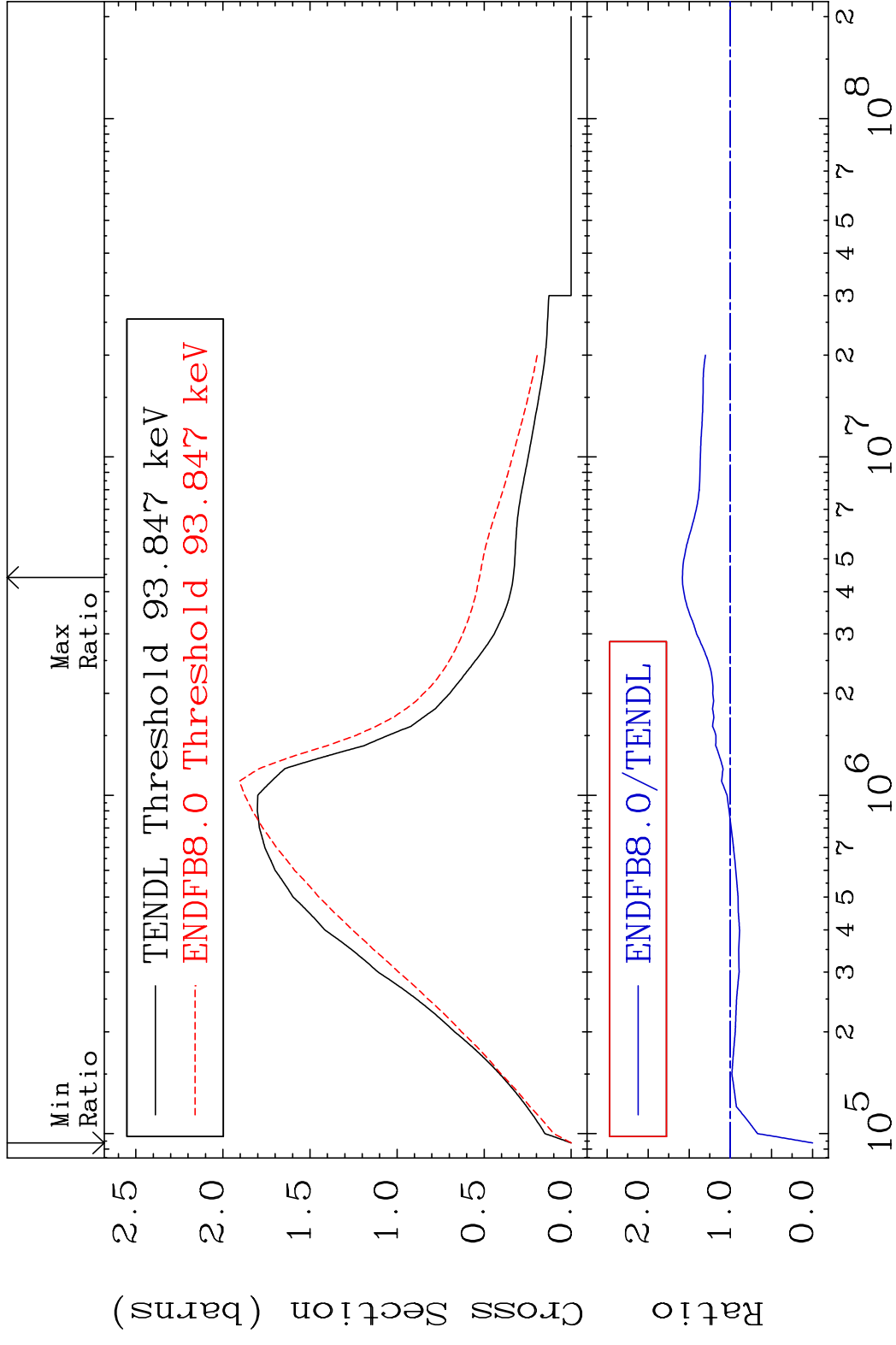
72-Hf-180

MAT 7243 (n, n') p 72-Hf-180
 Cross Section -100.0 To 32.66 %



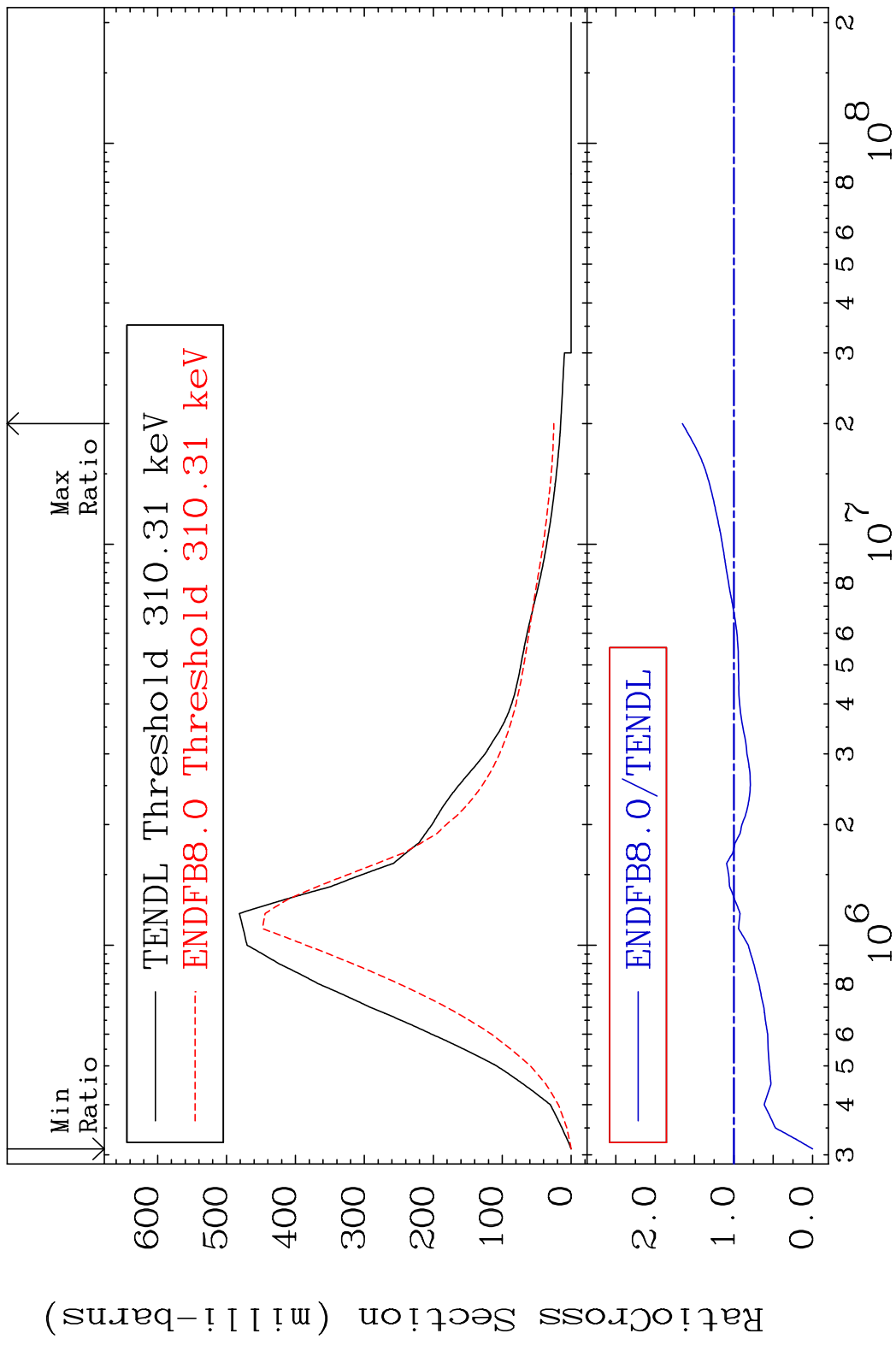
7 Incident Energy (eV) 72-Hf-180

MAT 7243 MT= 51 (n, n') Level 72-Hf-180
 Cross Section -100.0 To 58.44 %

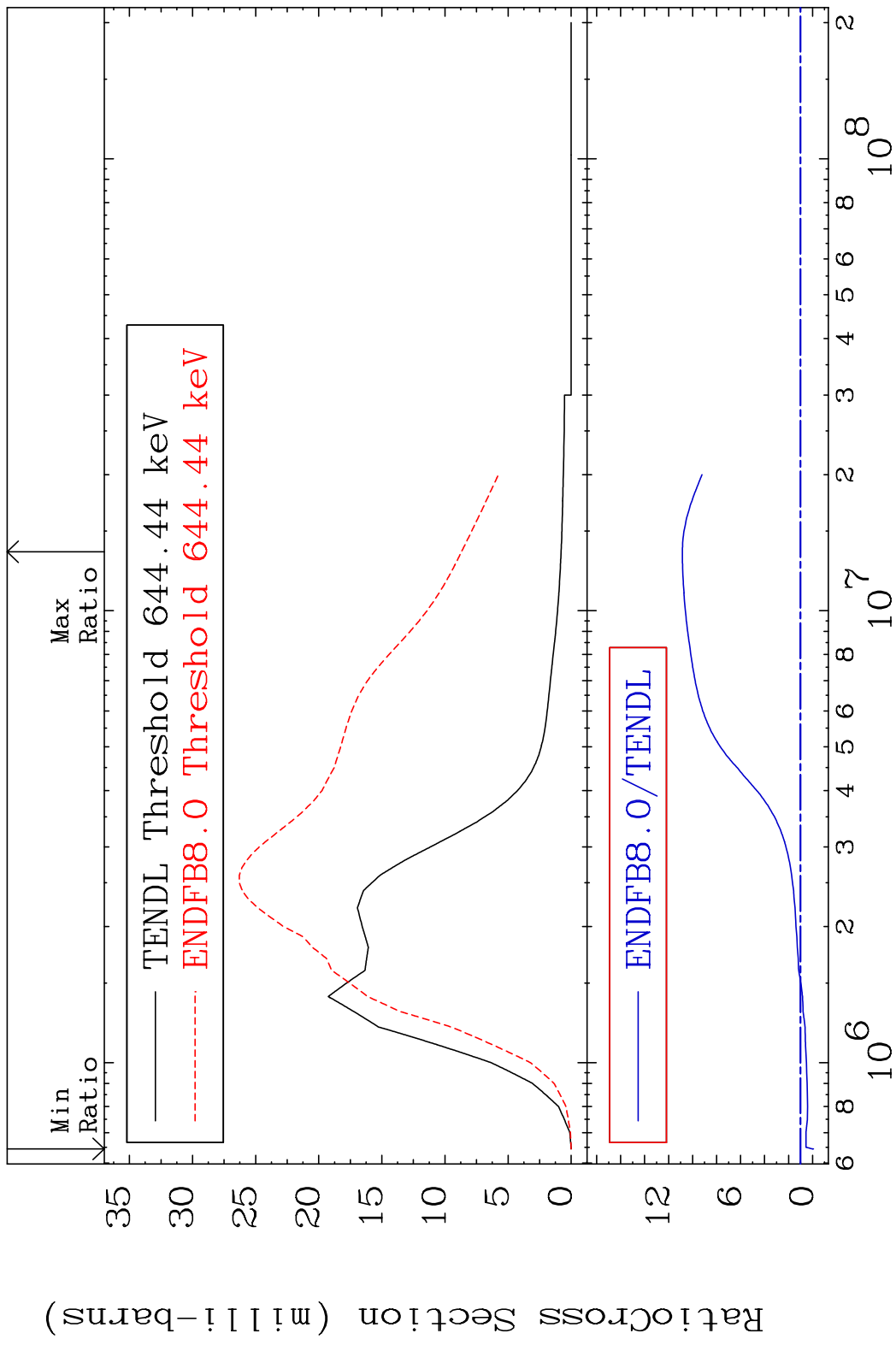


8 Incident Energy (eV) 72-Hf-180

MAT 7243 MT= 52 (n, n') Level 72-Hf-180
 Cross Section -100.0 To 65.47 %

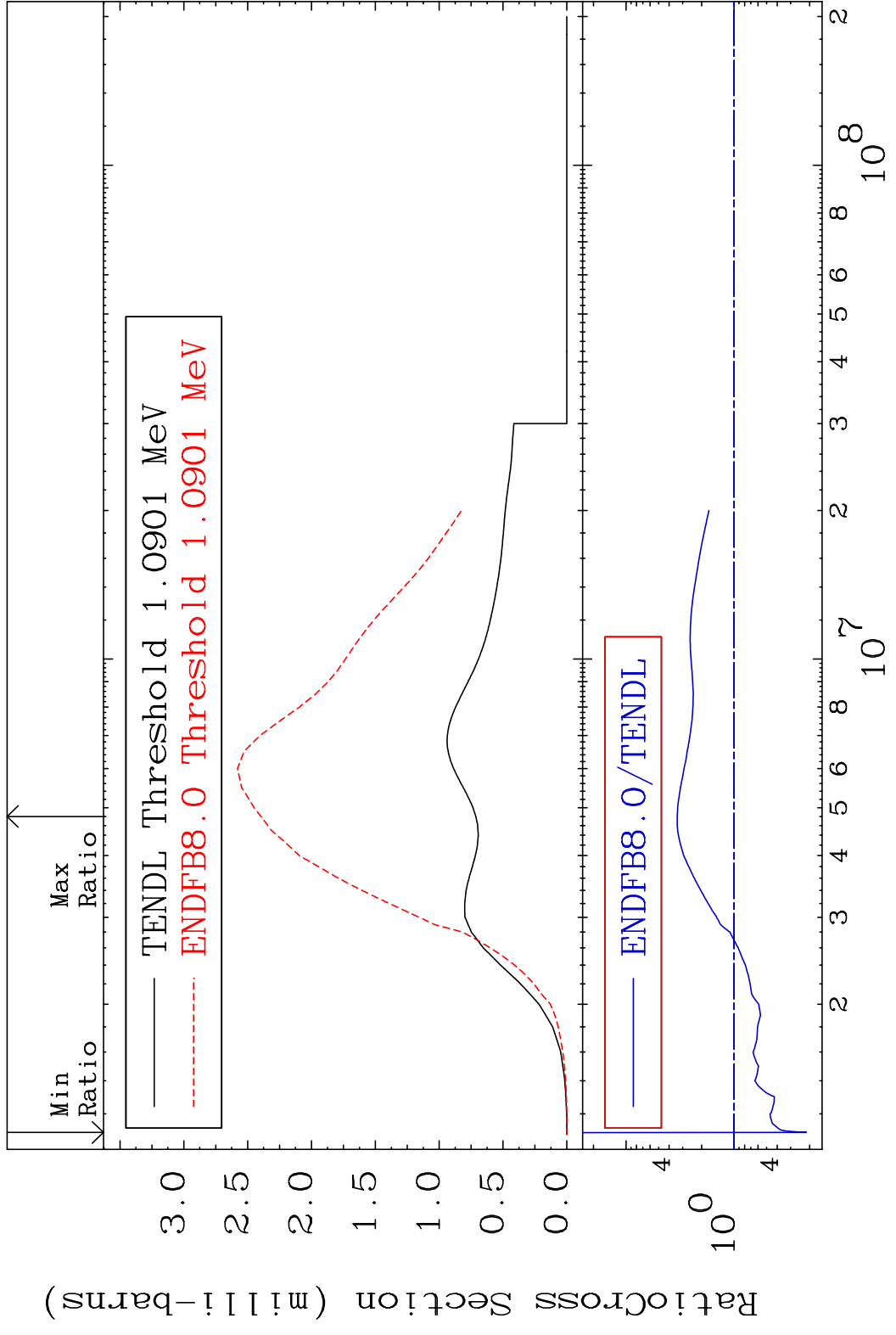


MAT 7243 MT= 53 (n, n') Level 72-Hf-180
 Cross Section -100.0 To 985.4 %

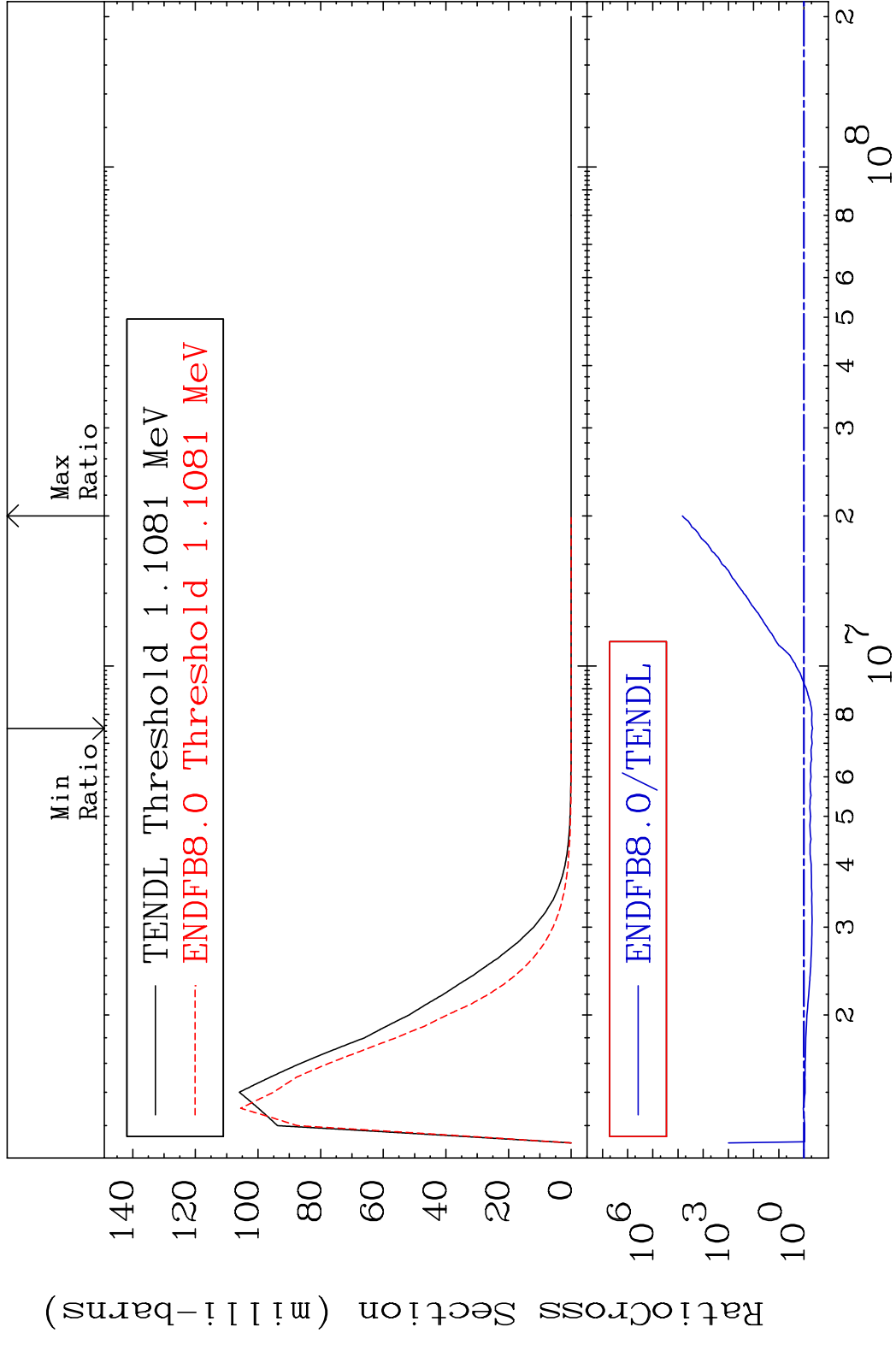


10 Incident Energy (eV) 72-Hf-180

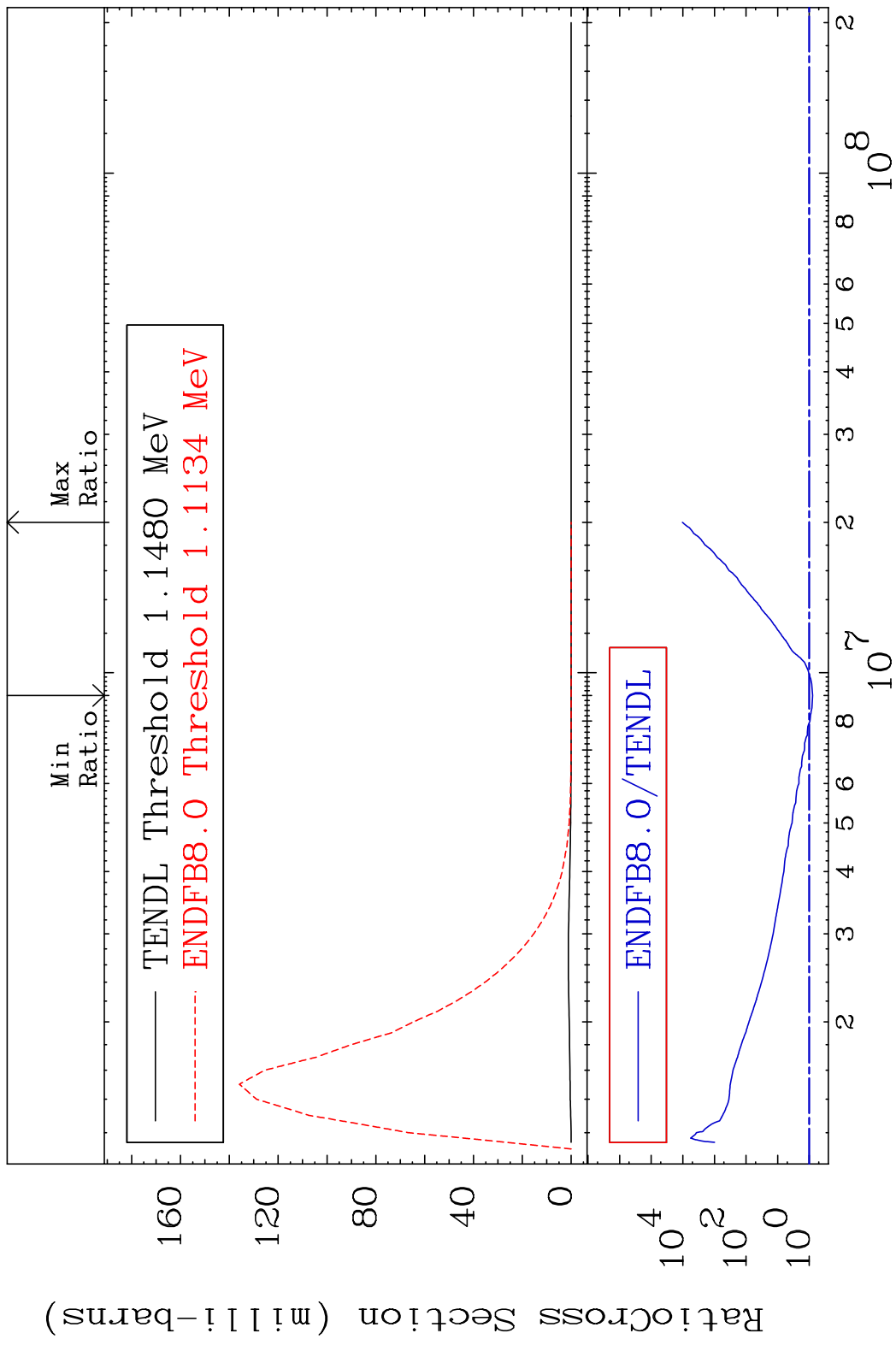
MAT 7243 MT= 54 (n, n') Level 72-Hf-180
 Cross Section -78.54 To 236.3 %



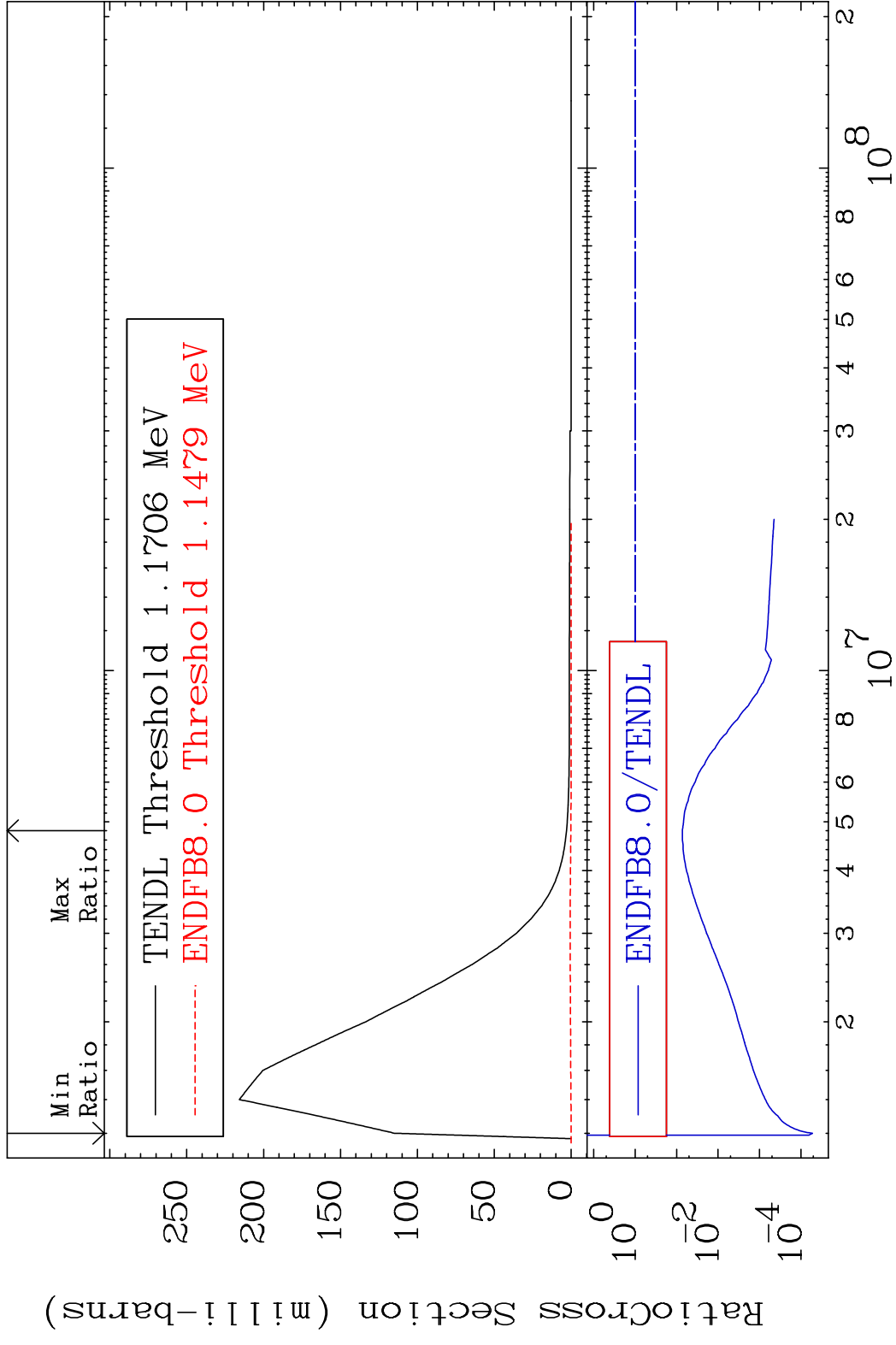
MAT 7243 MT= 55 (n, n') Level 72-Hf-180
 Cross Section -54.54 To 9999. %



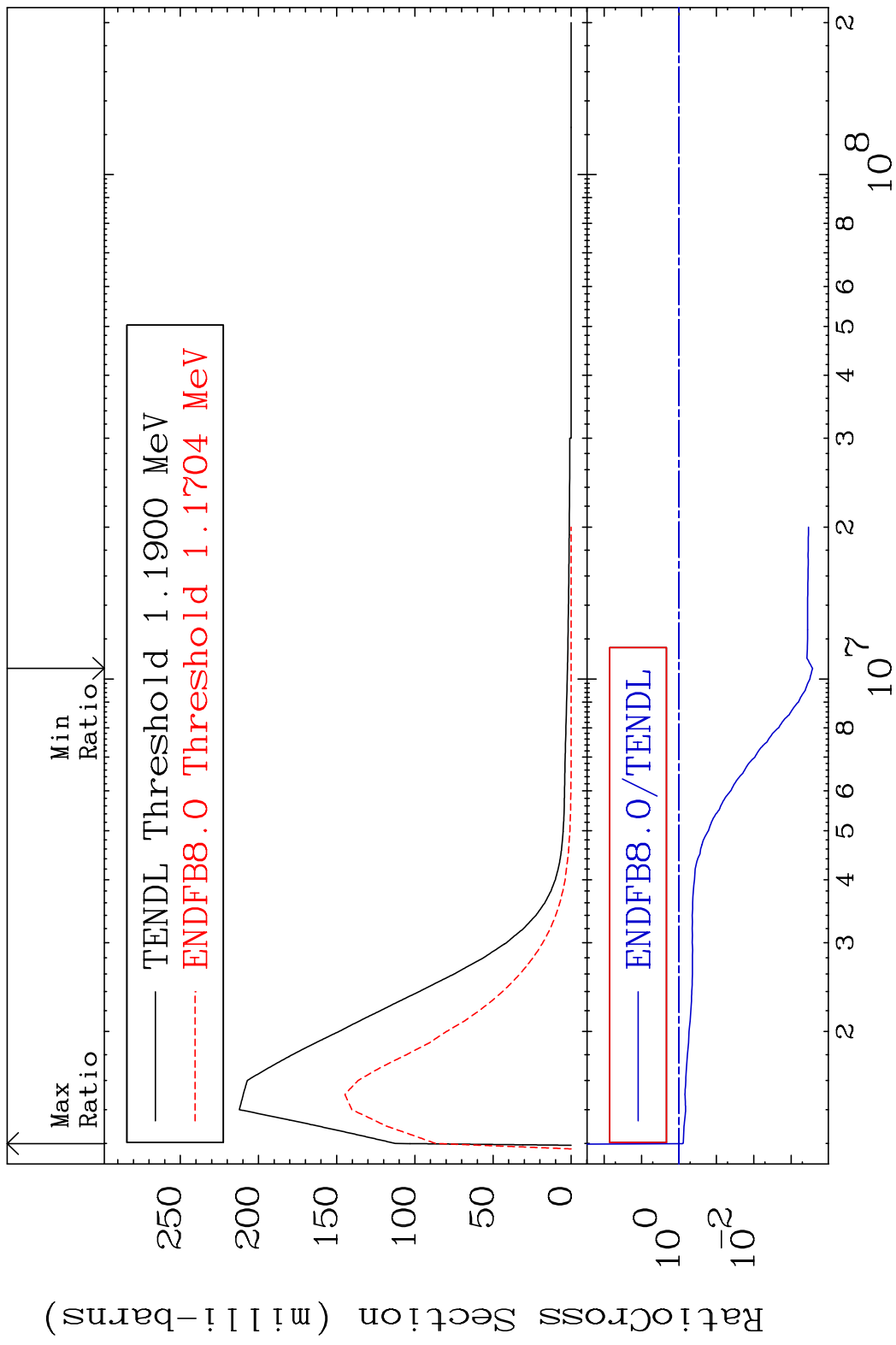
MAT 7243 MT= 56 (n,n') Level 72-Hf-180
 Cross Section -21.19 To 9999. %



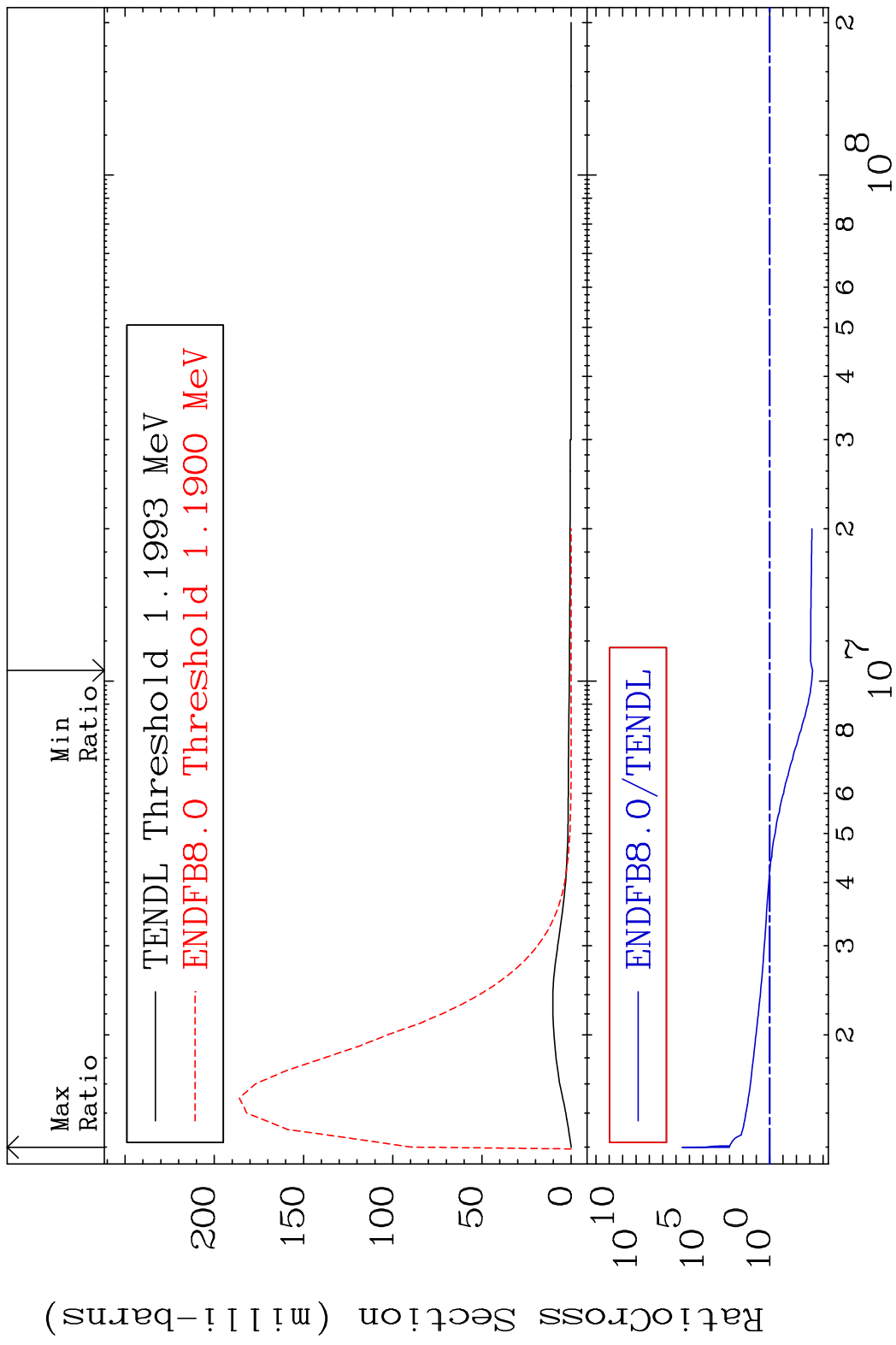
MAT 7243 MT= 57 (n, n') Level 72-Hf-180
 Cross Section -99.99 To -92.75%



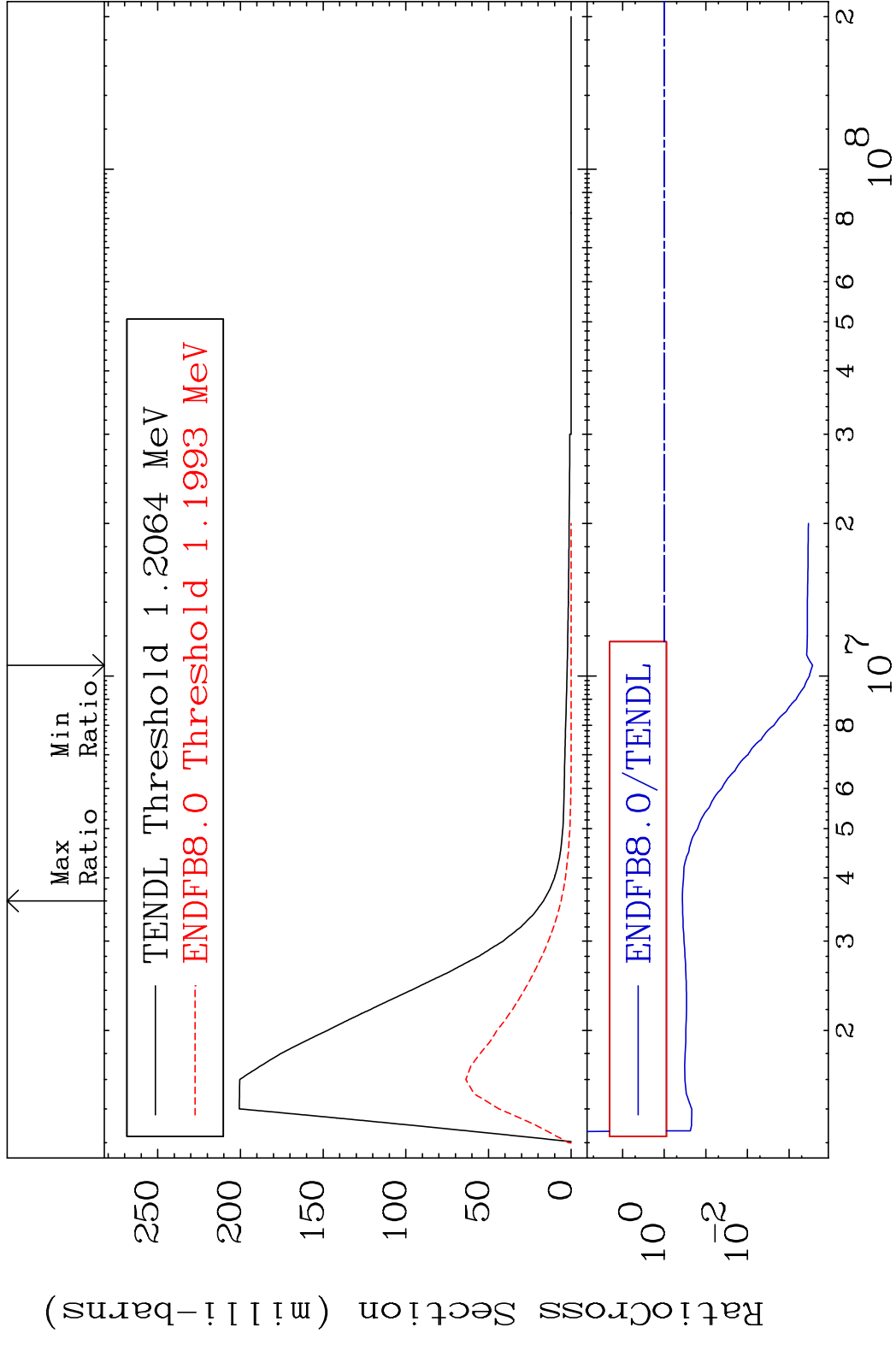
MAT 7243 MT= 58 (n,n') Level 72-Hf-180
 Cross Section -99.97 To -18.94%



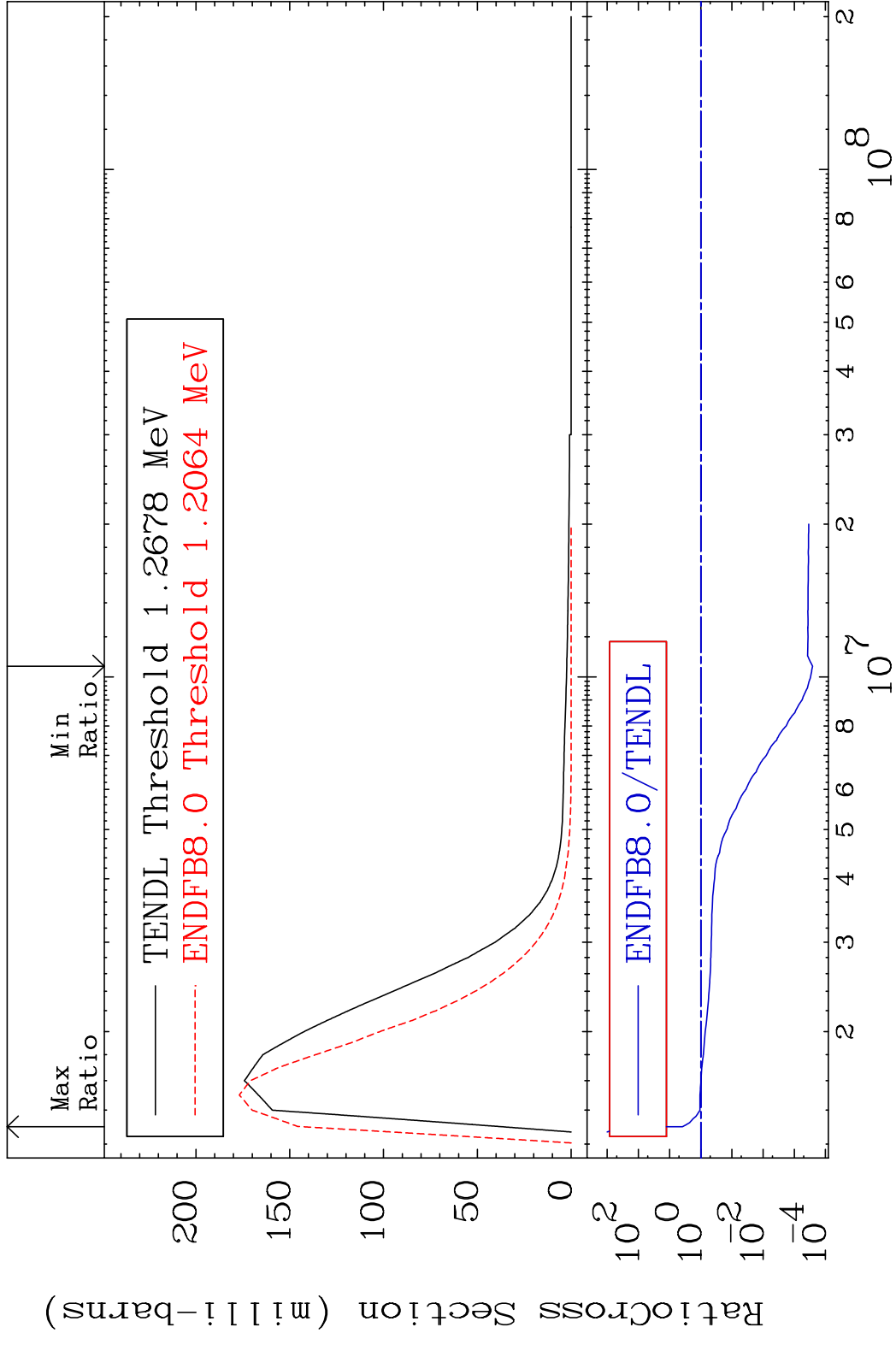
MAT 7243 MT= 59 (n,n') Level 72-Hf-180
 Cross Section -99.94 To 9999. %



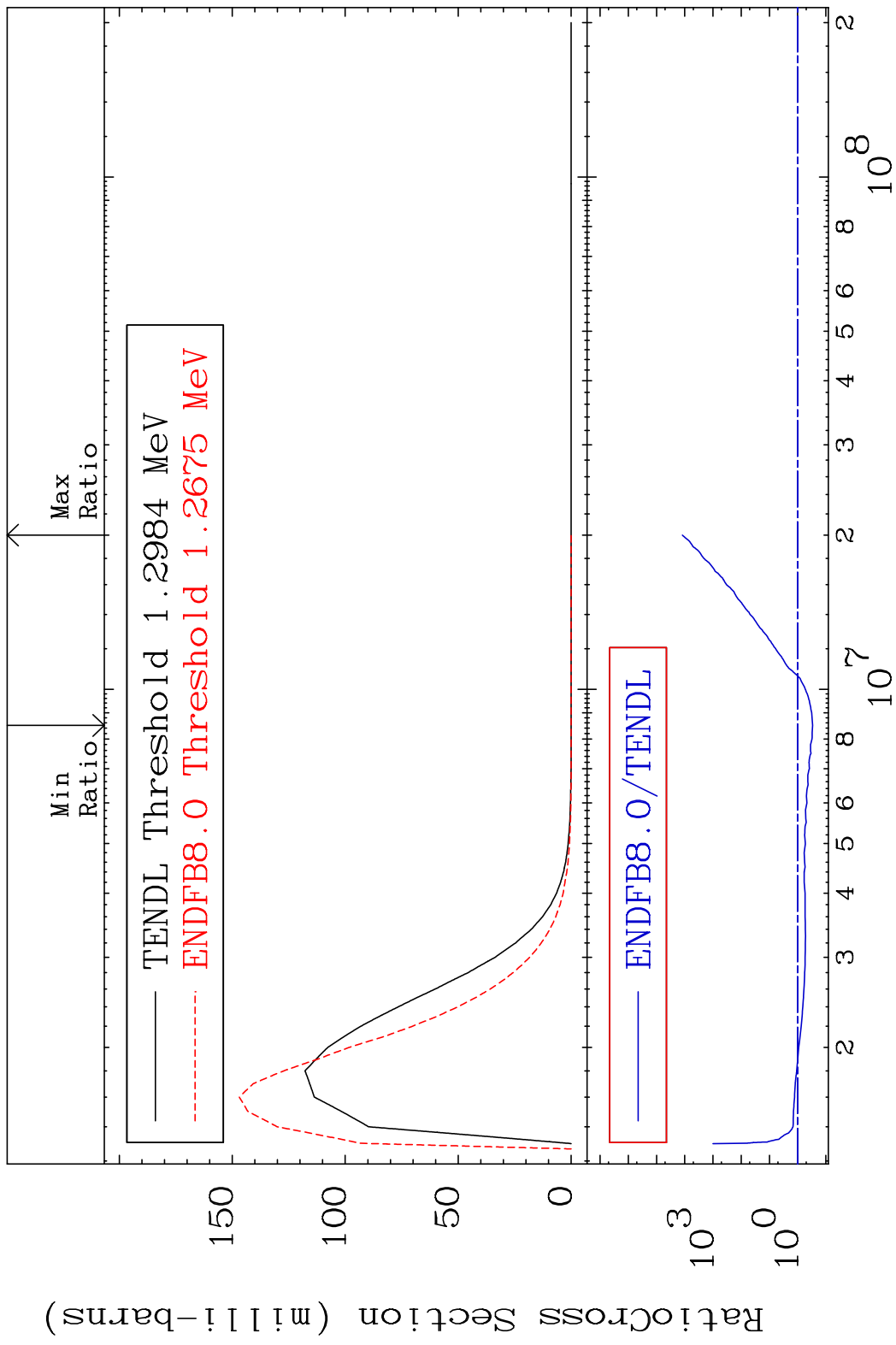
MAT 7243 MT= 60 (n, n') Level 72-Hf-180
 Cross Section -99.97 To -63.36%



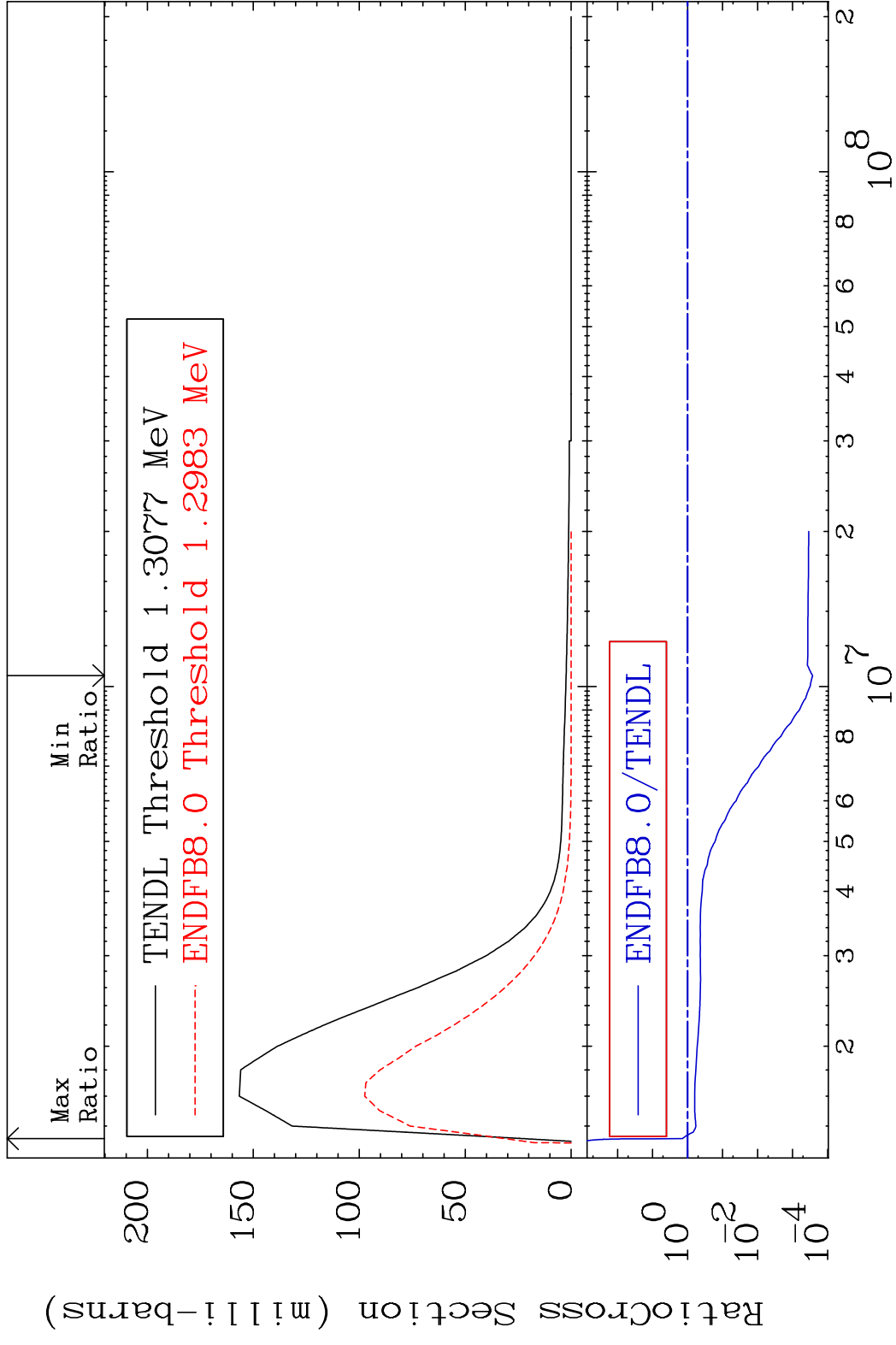
MAT 7243 MT= 61 (n, n') Level 72-Hf-180
 Cross Section -99.97 To 289.3 %



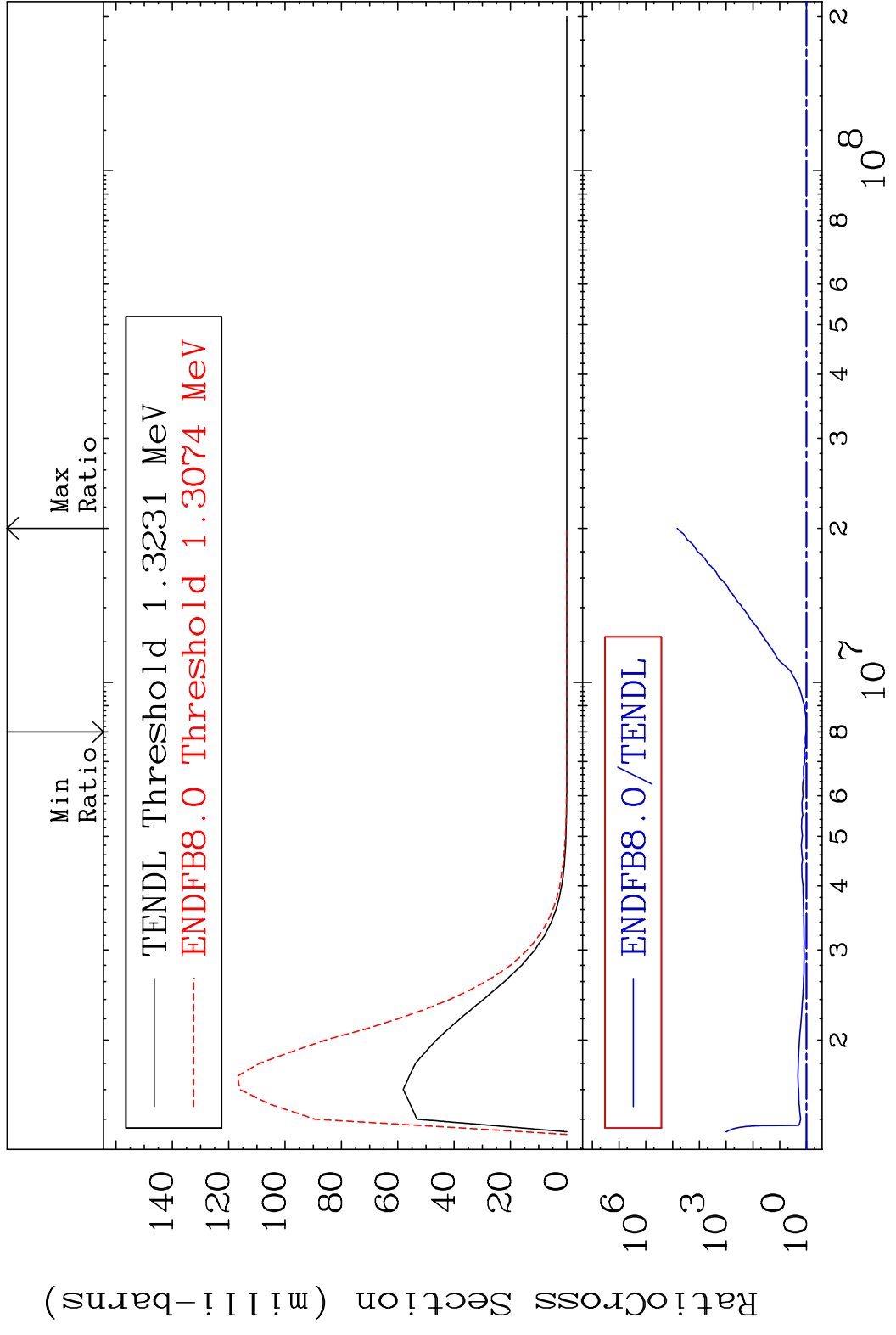
MAT 7243 MT= 62 (n,n') Level 72-Hf-180
 Cross Section -70.38 To 9999. %



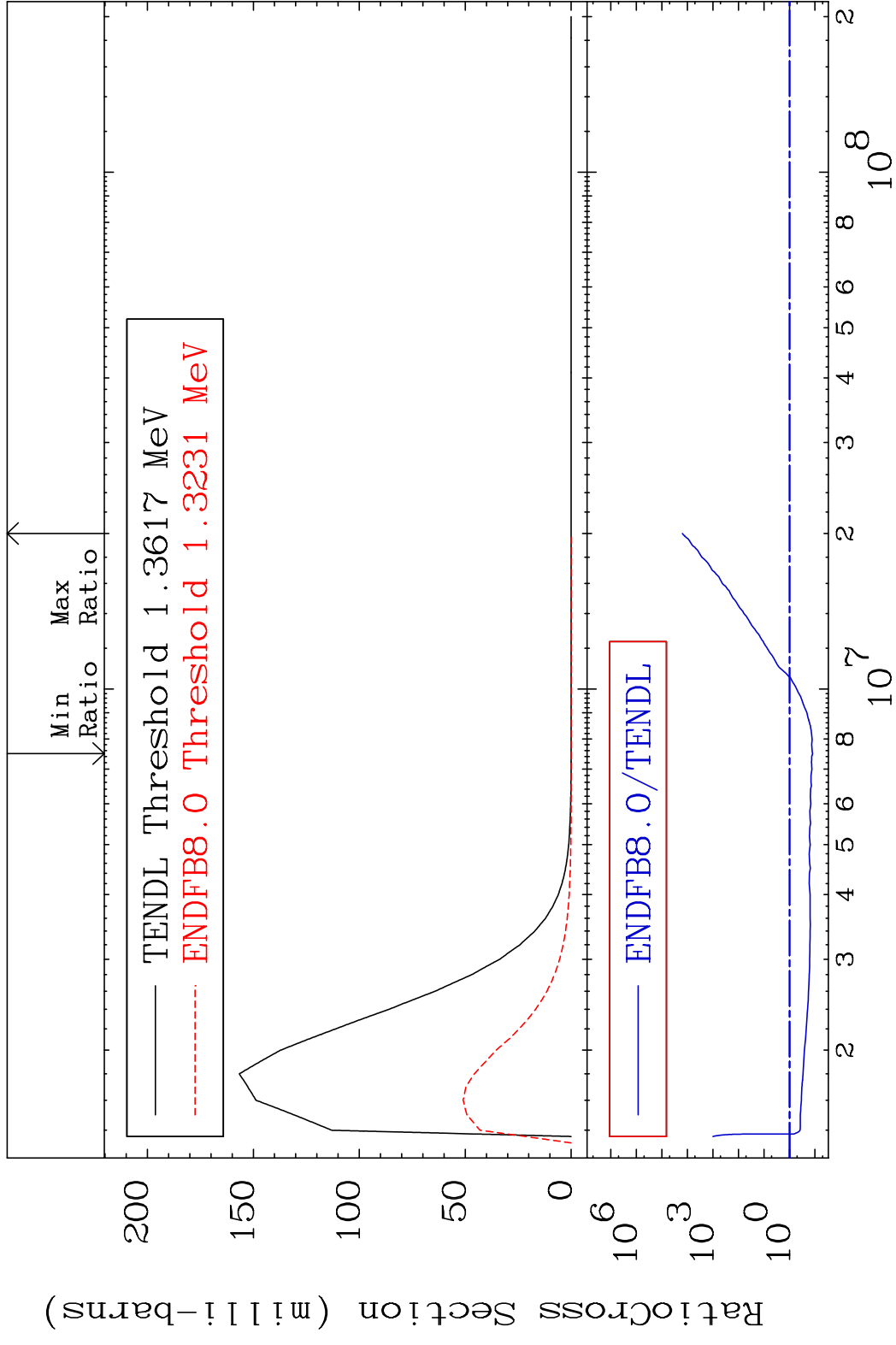
MAT 7243 MT= 63 (n, n') Level 72-Hf-180
 Cross Section -99.97 To 40.90 %



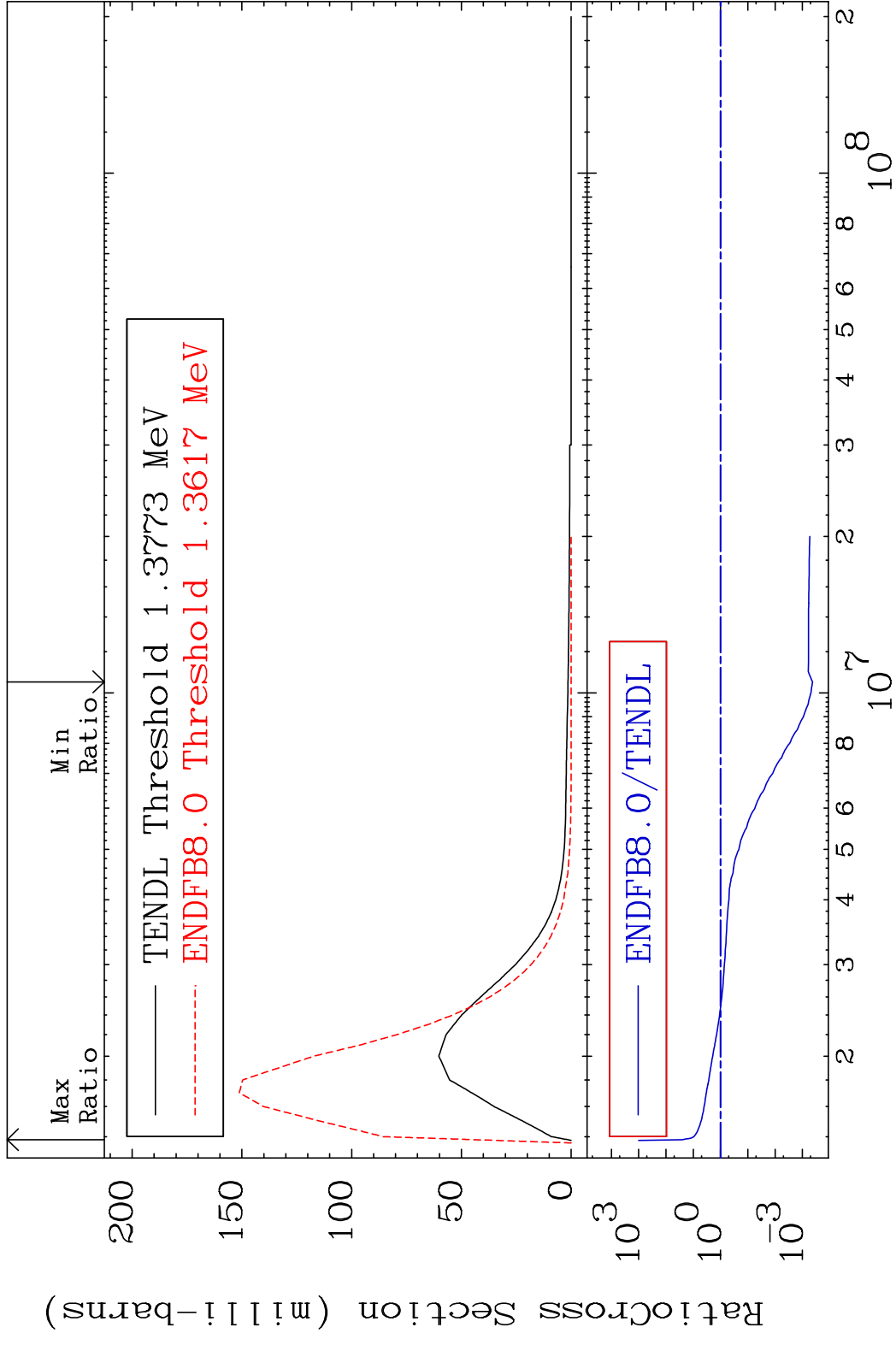
MAT 7243 MT= 64 (n, n') Level 72-Hf-180
 Cross Section 1.130 To 9999. %



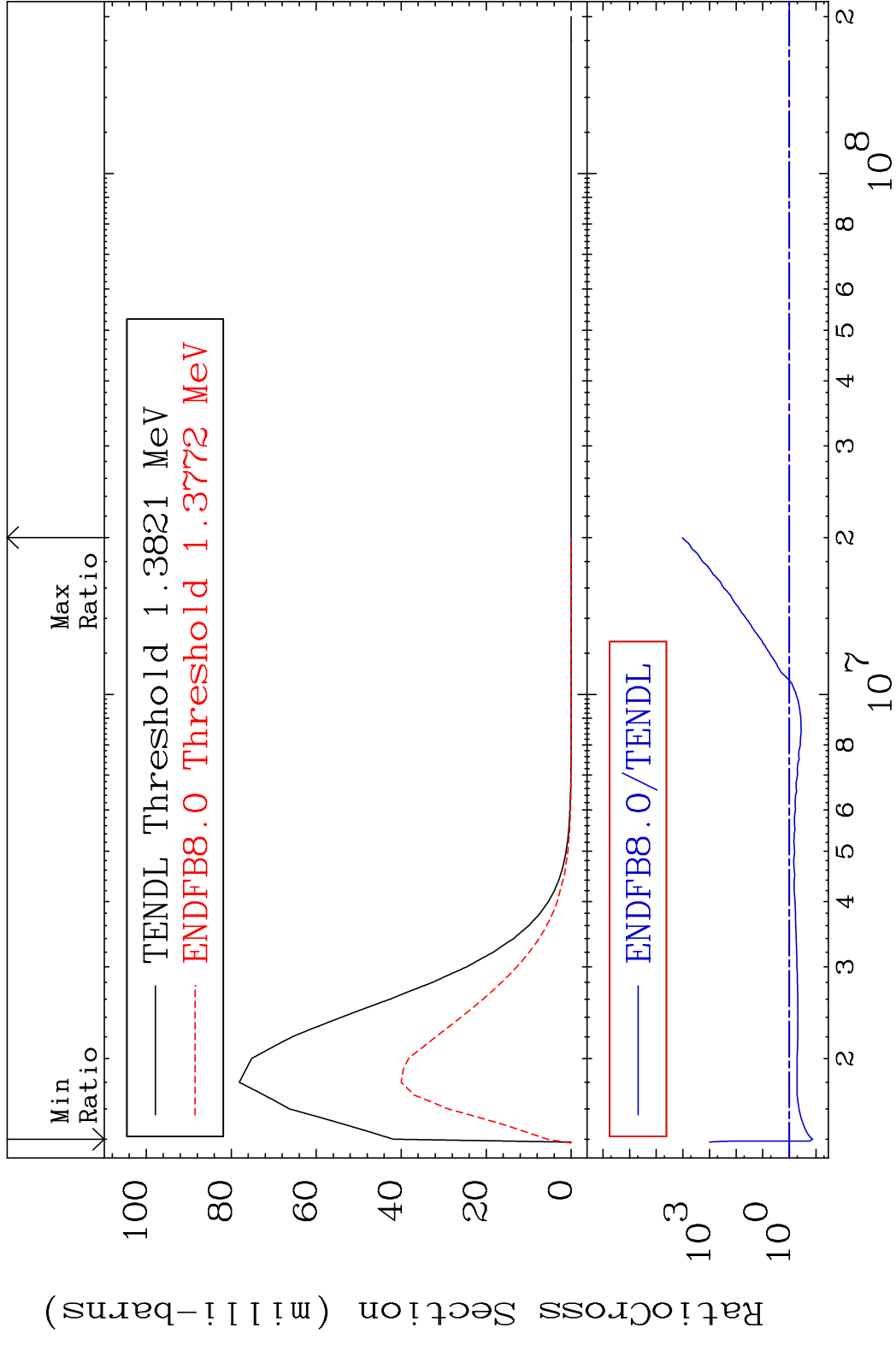
MAT 7243 MT= 65 (n, n') Level 72-Hf-180
 Cross Section -87.54 To 9999. %



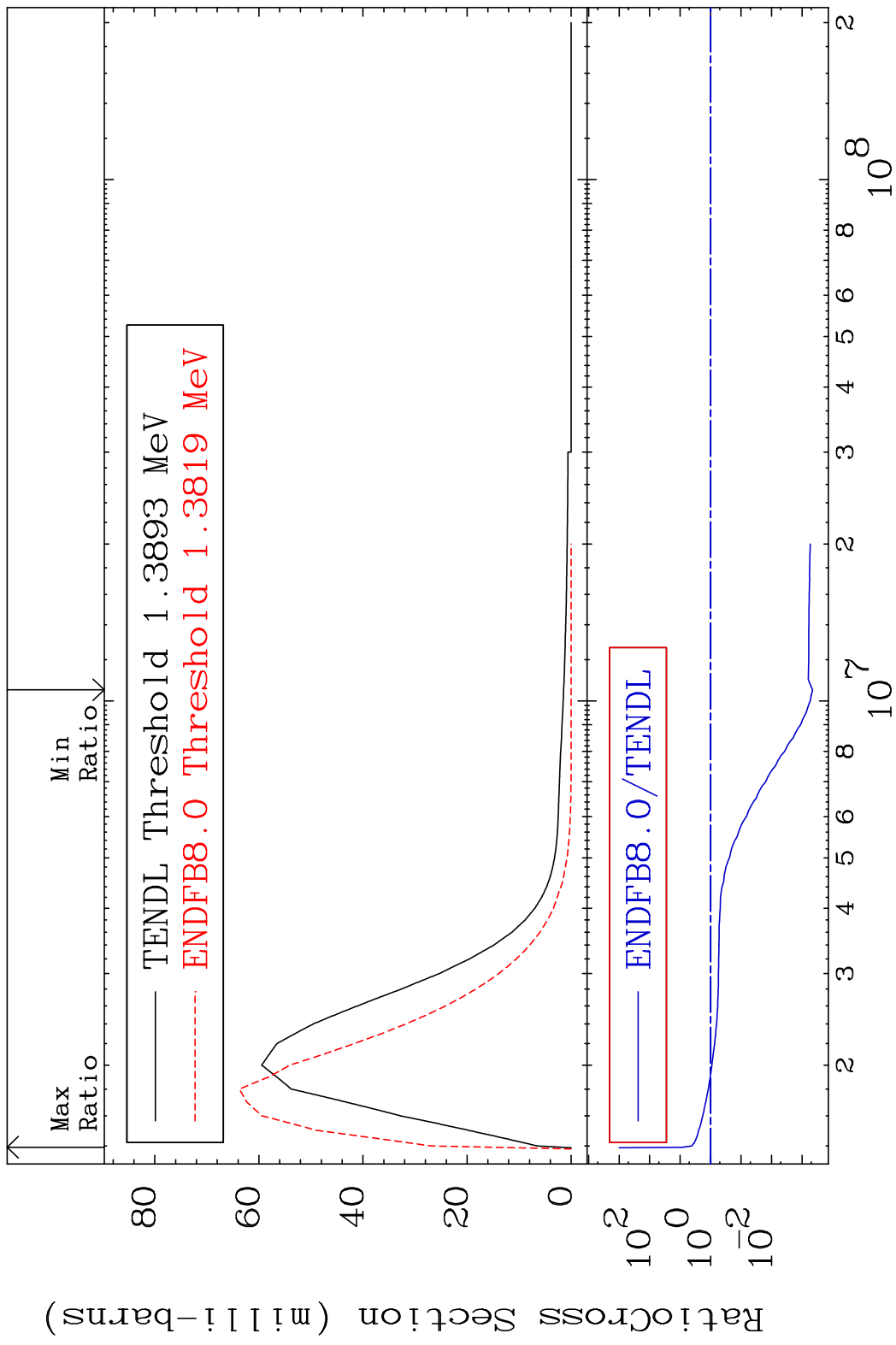
MAT 7243 MT= 66 (n, n') Level 72-Hf-180
 Cross Section -99.96 To 2411. %



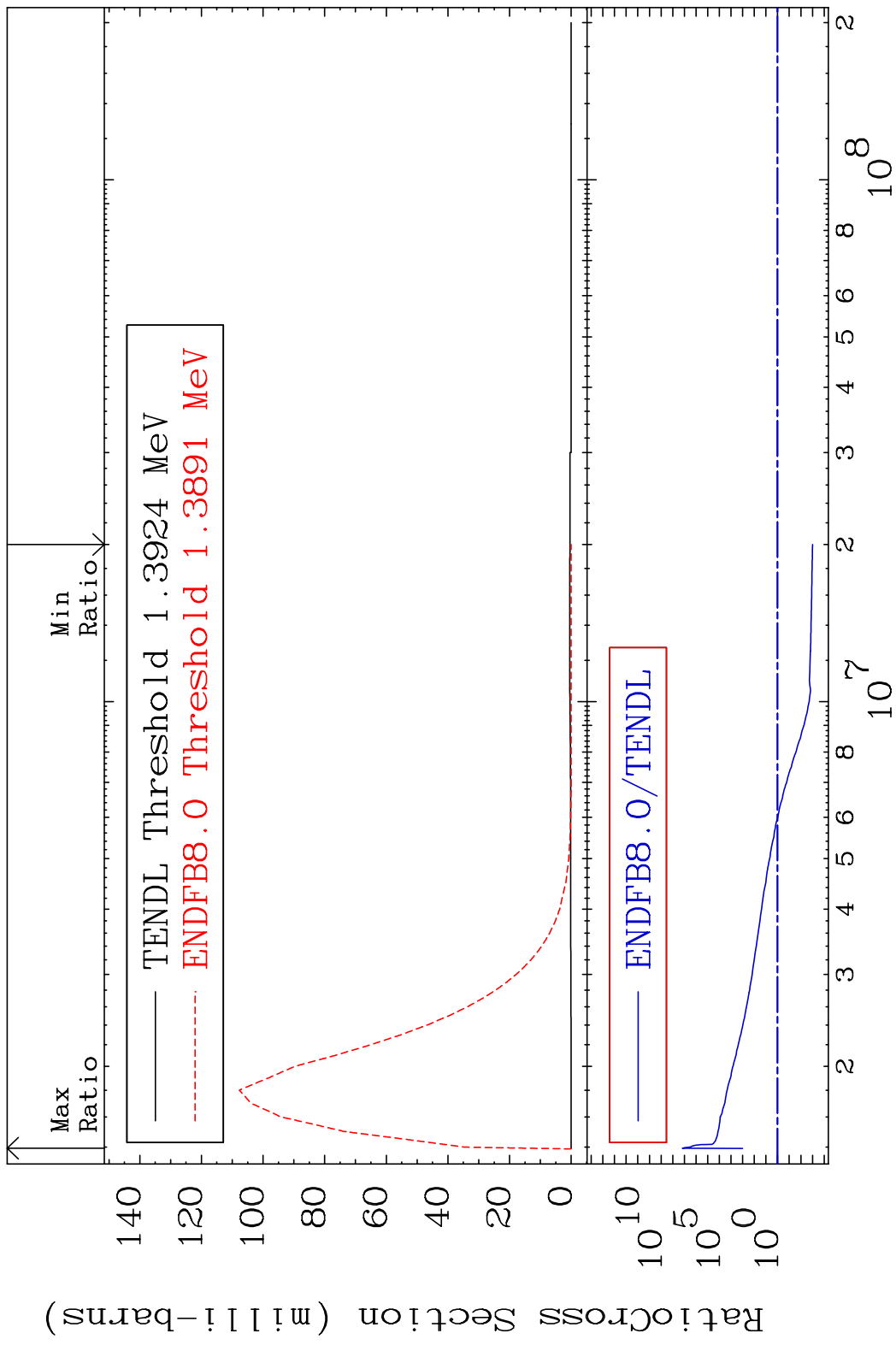
MAT 7243 MT= 67 (n, n') Level 72-Hf-180
 Cross Section -86.50 To 9999. %



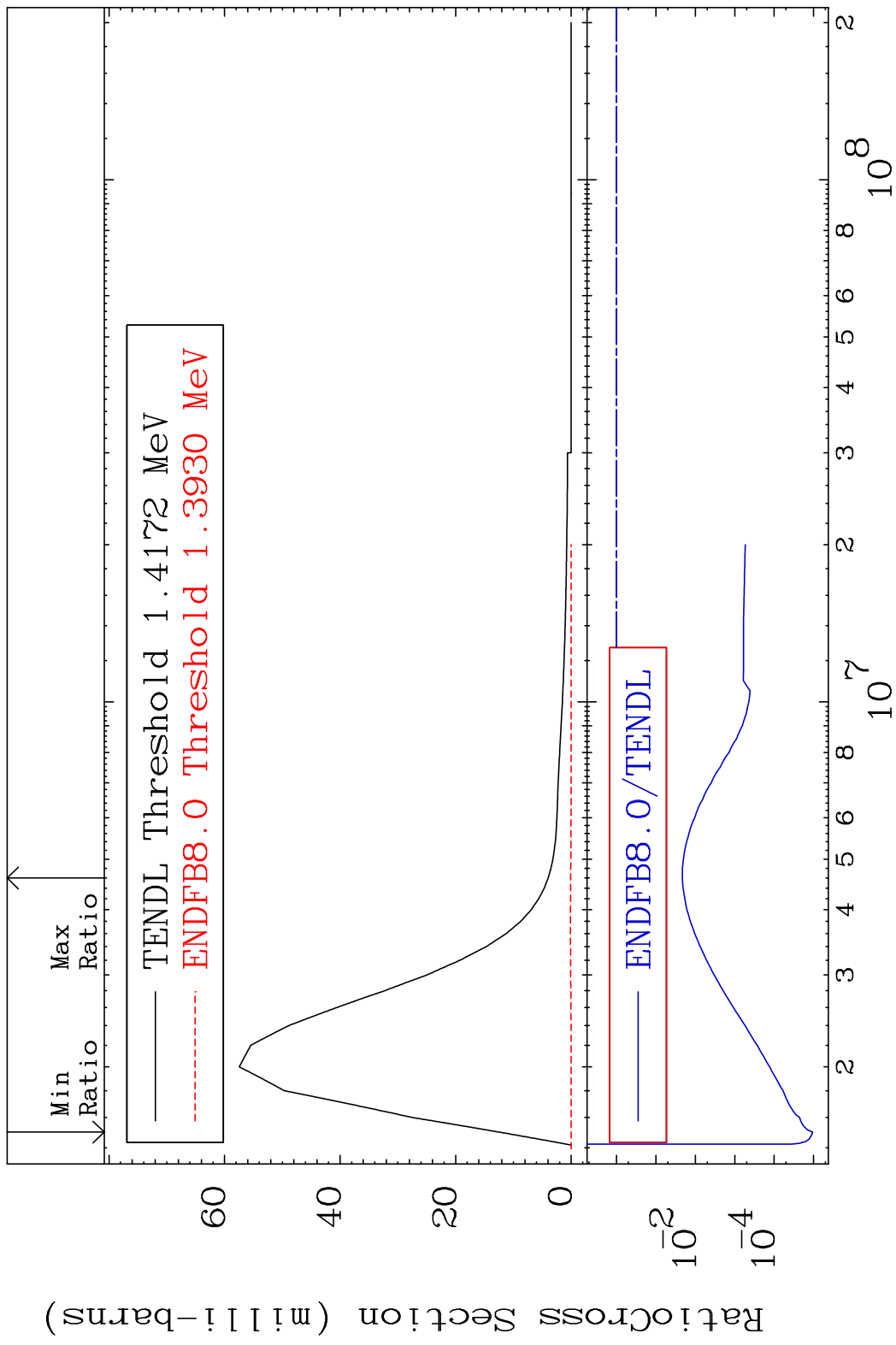
MAT 7243 MT= 68 (n, n') Level 72-Hf-180
 Cross Section -99.95 To 745.5 %



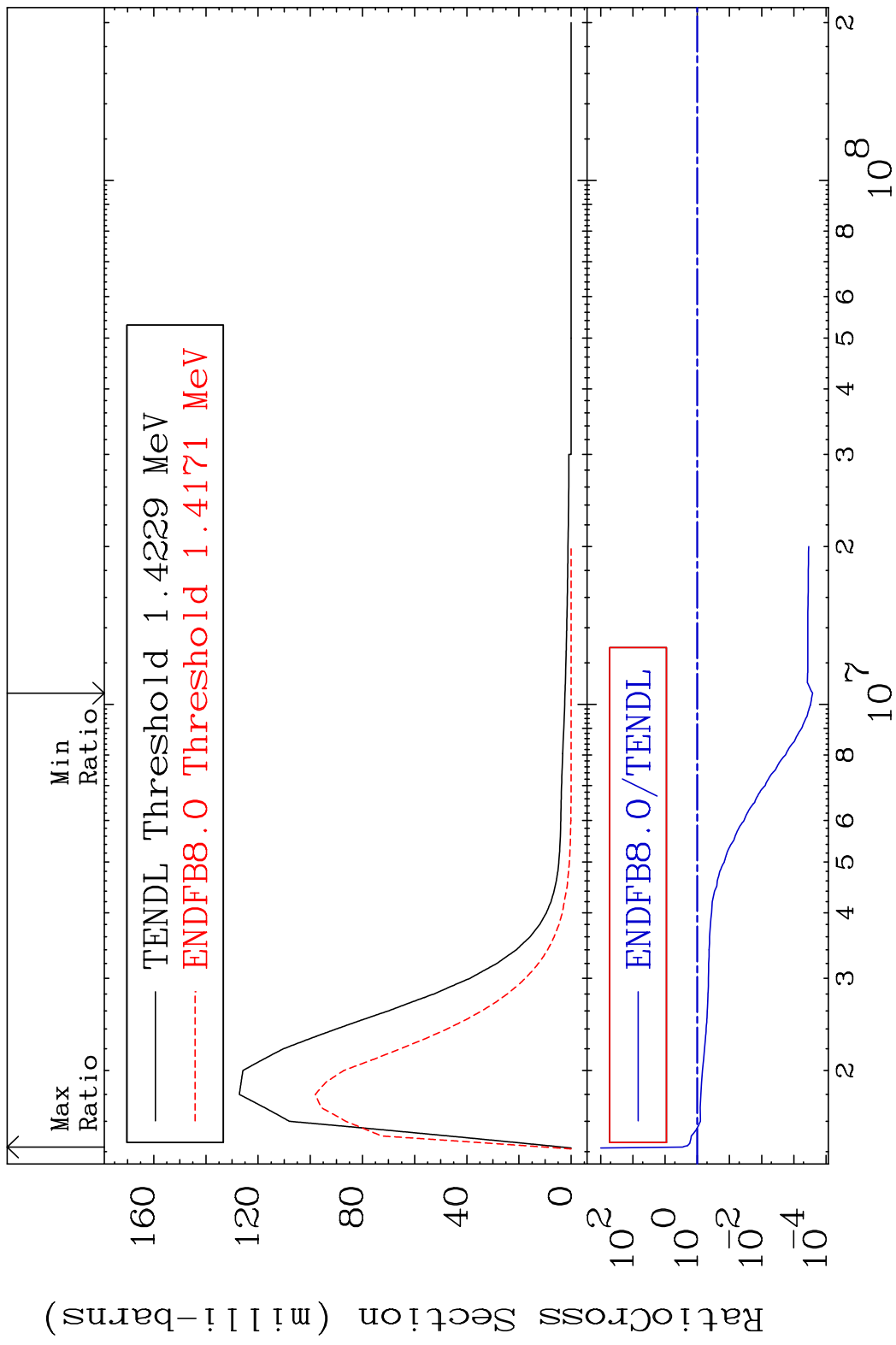
MAT 7243 MT= 69 (n,n') Level 72-Hf-180
 Cross Section -99.90 To 9999. %



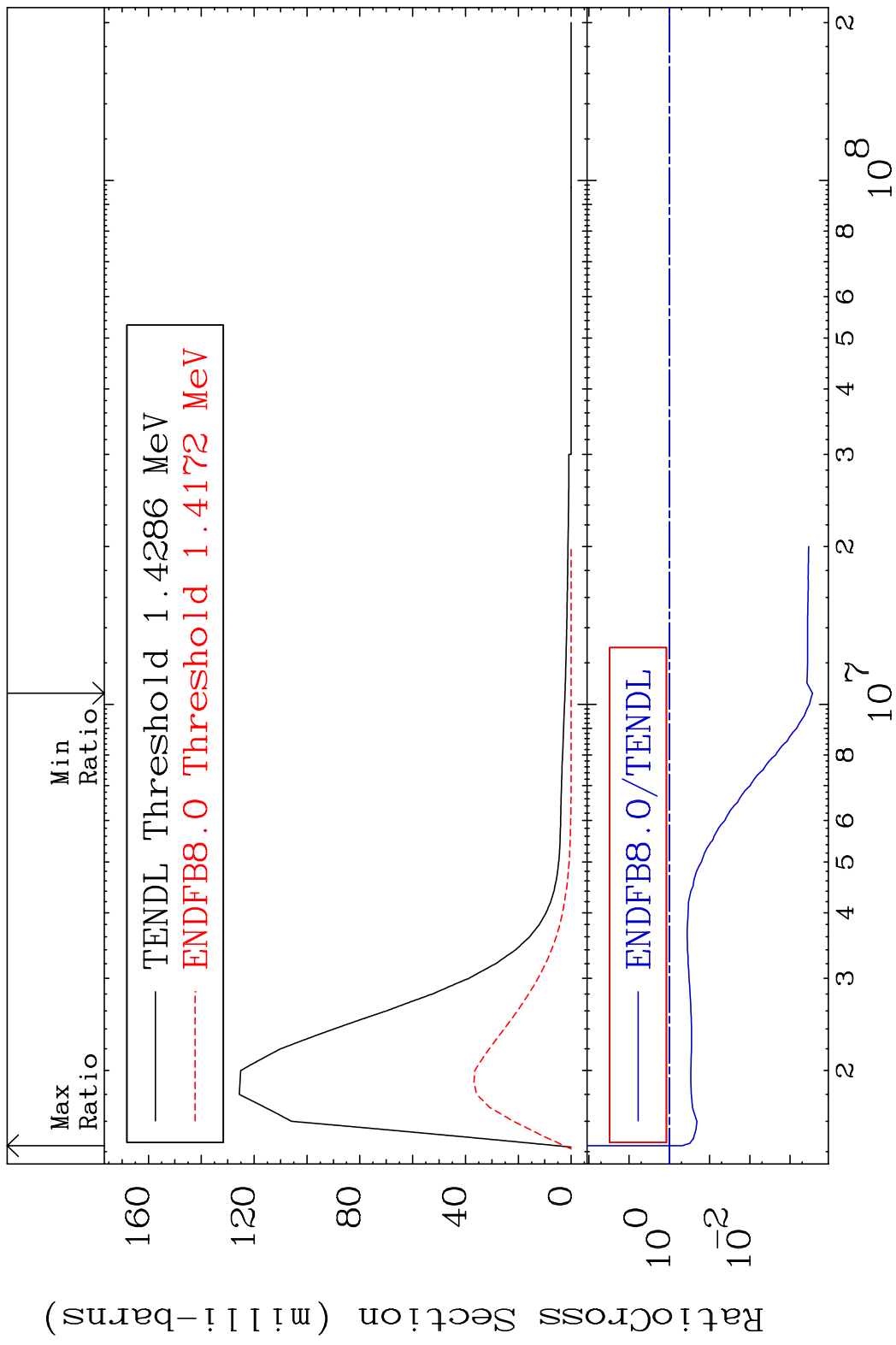
MAT 7243 MT= 70 (n,n') Level 72-Hf-180
 Cross Section -100.0 To -97.87%



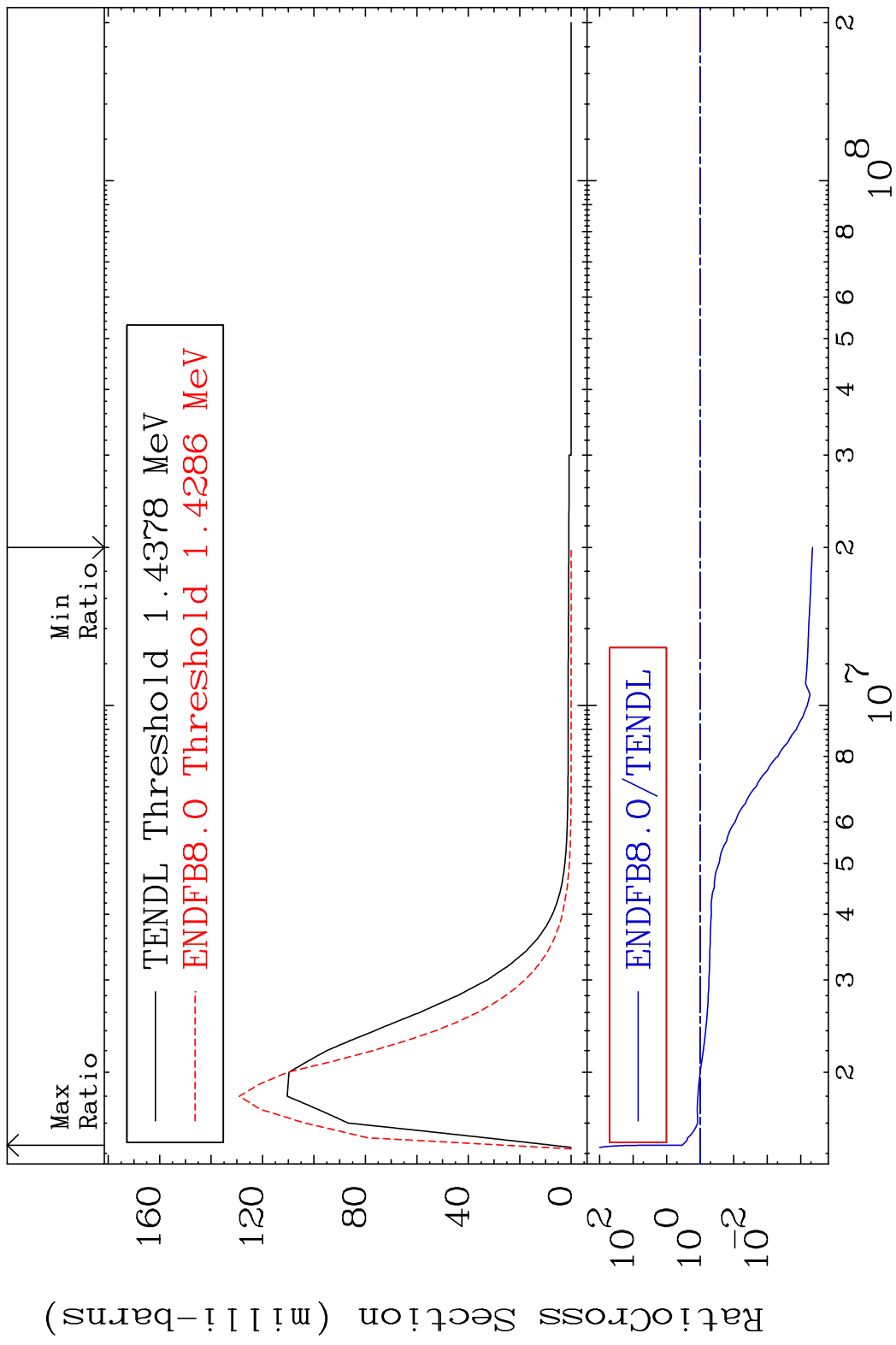
MAT 7243 MT= 71 (n, n') Level 72-Hf-180
 Cross Section -99.97 To 191.5 %



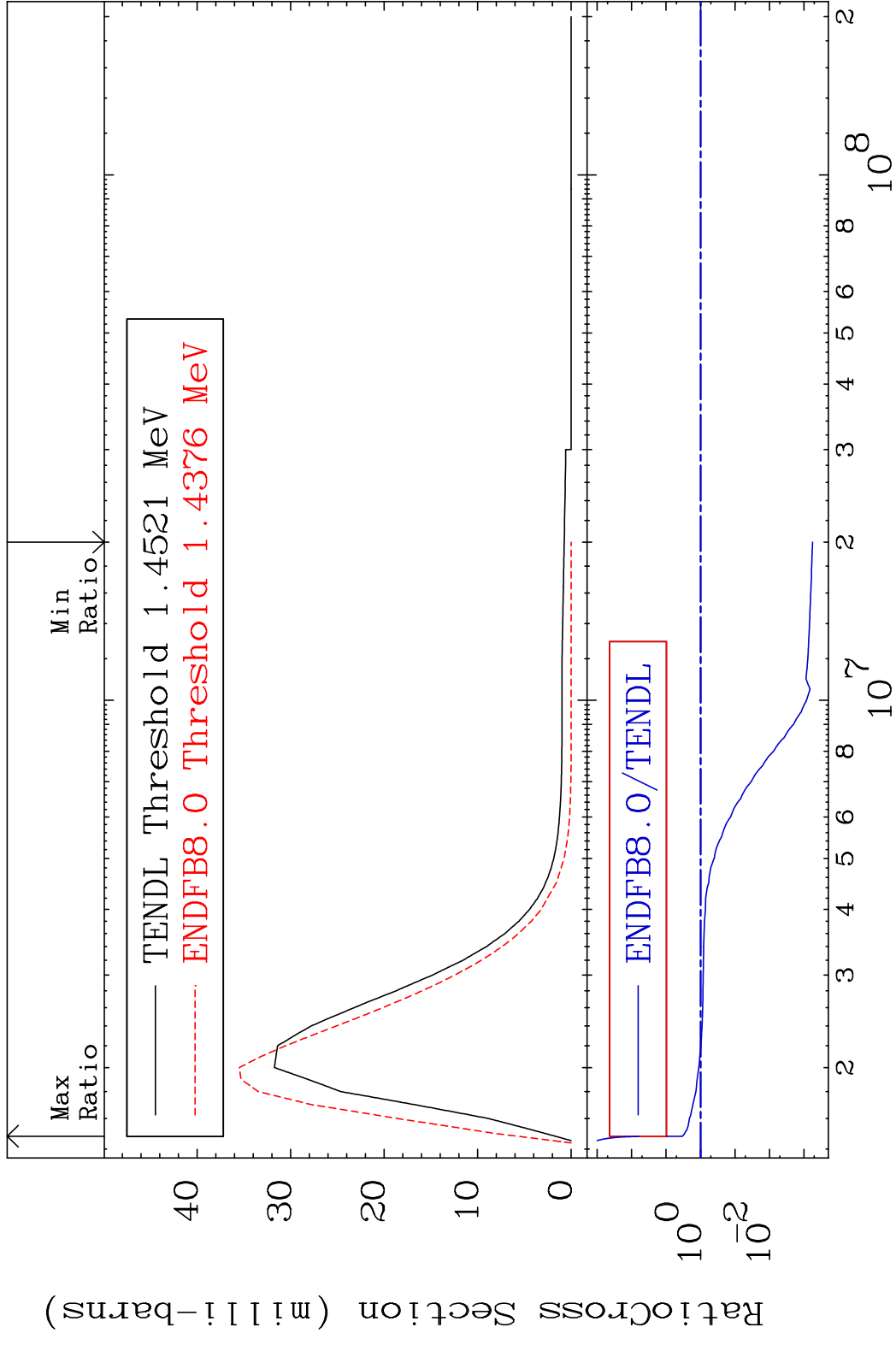
MAT 7243 MT= 72 (n, n') Level 72-Hf-180
 Cross Section -99.97 To -52.46%



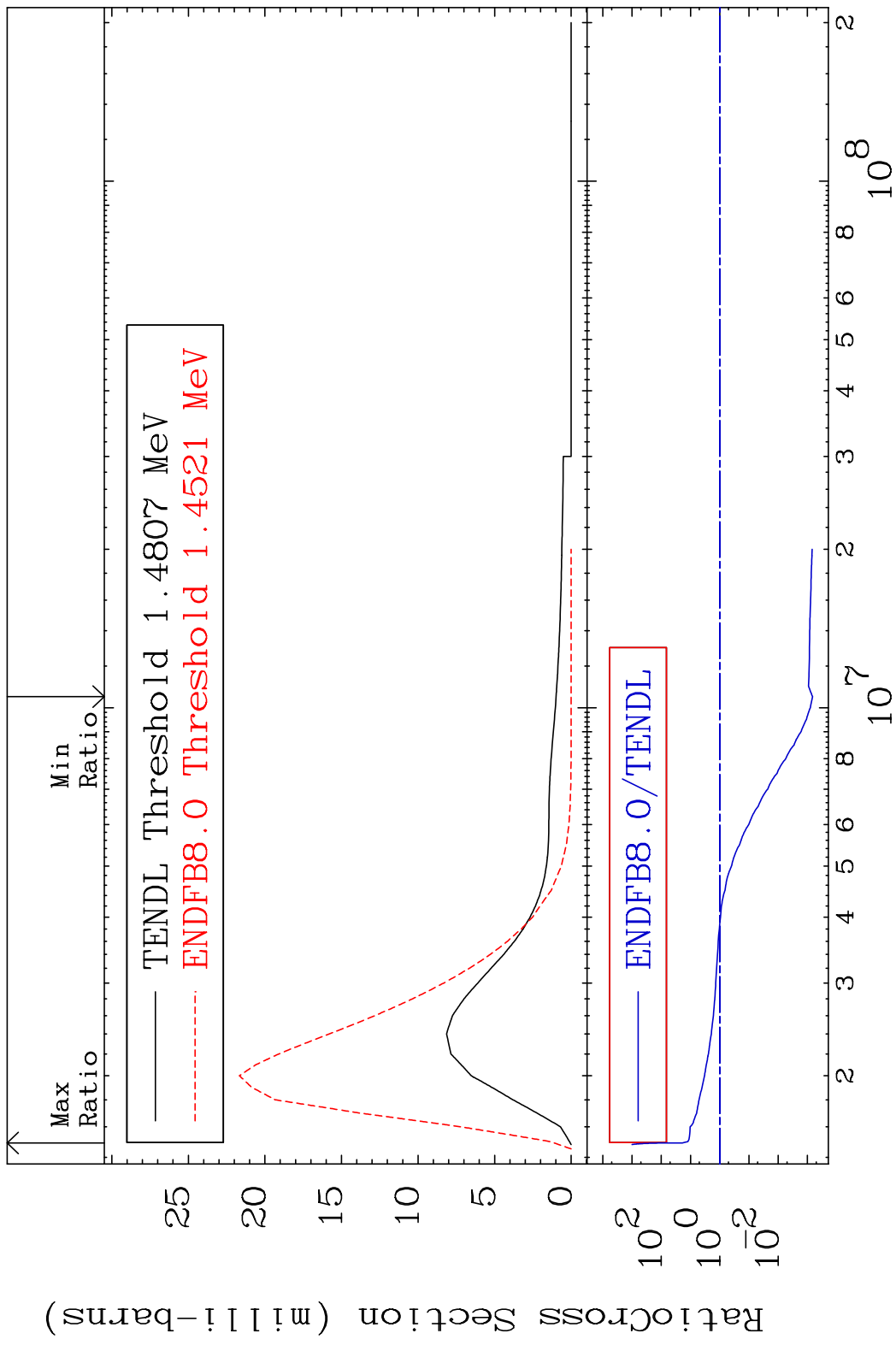
MAT 7243 MT= 73 (n, n') Level 72-Hf-180
 Cross Section -99.96 To 242.2 %



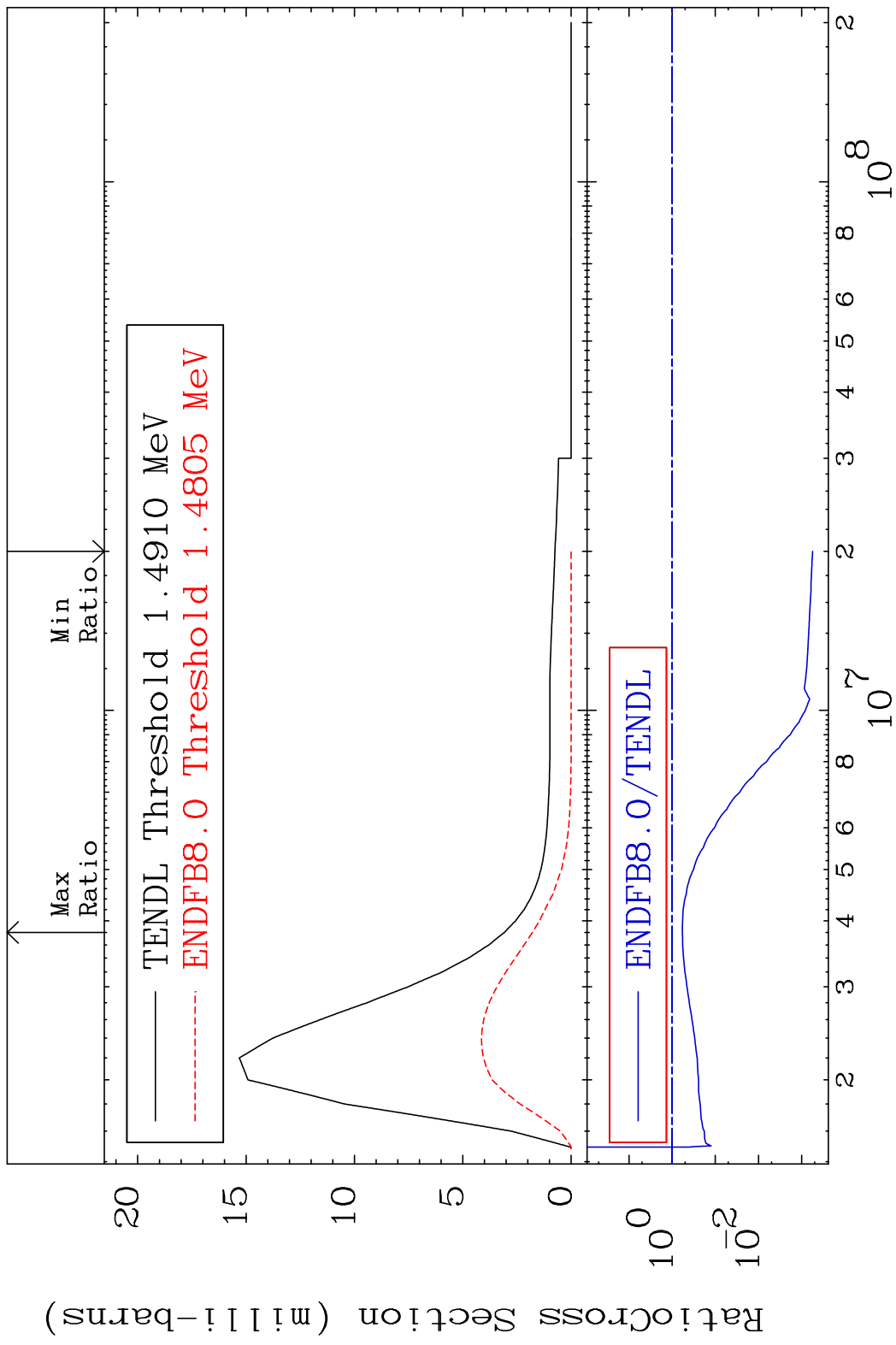
MAT 7243 MT= 74 (n,n') Level 72-Hf-180
 Cross Section -99.94 To 237.0 %



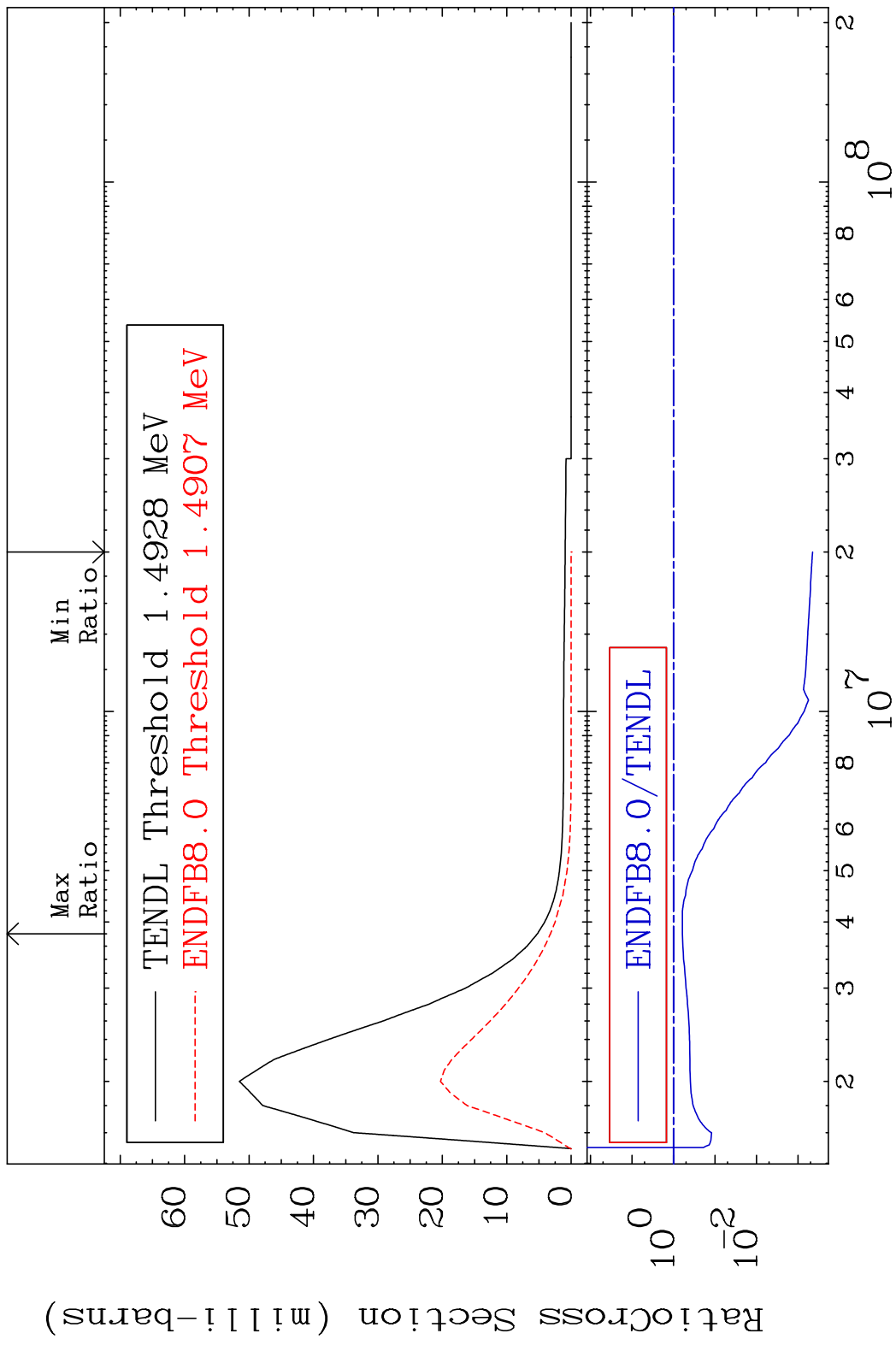
MAT 7243 MT= 75 (n, n') Level 72-Hf-180
 Cross Section -99.93 To 1799. %



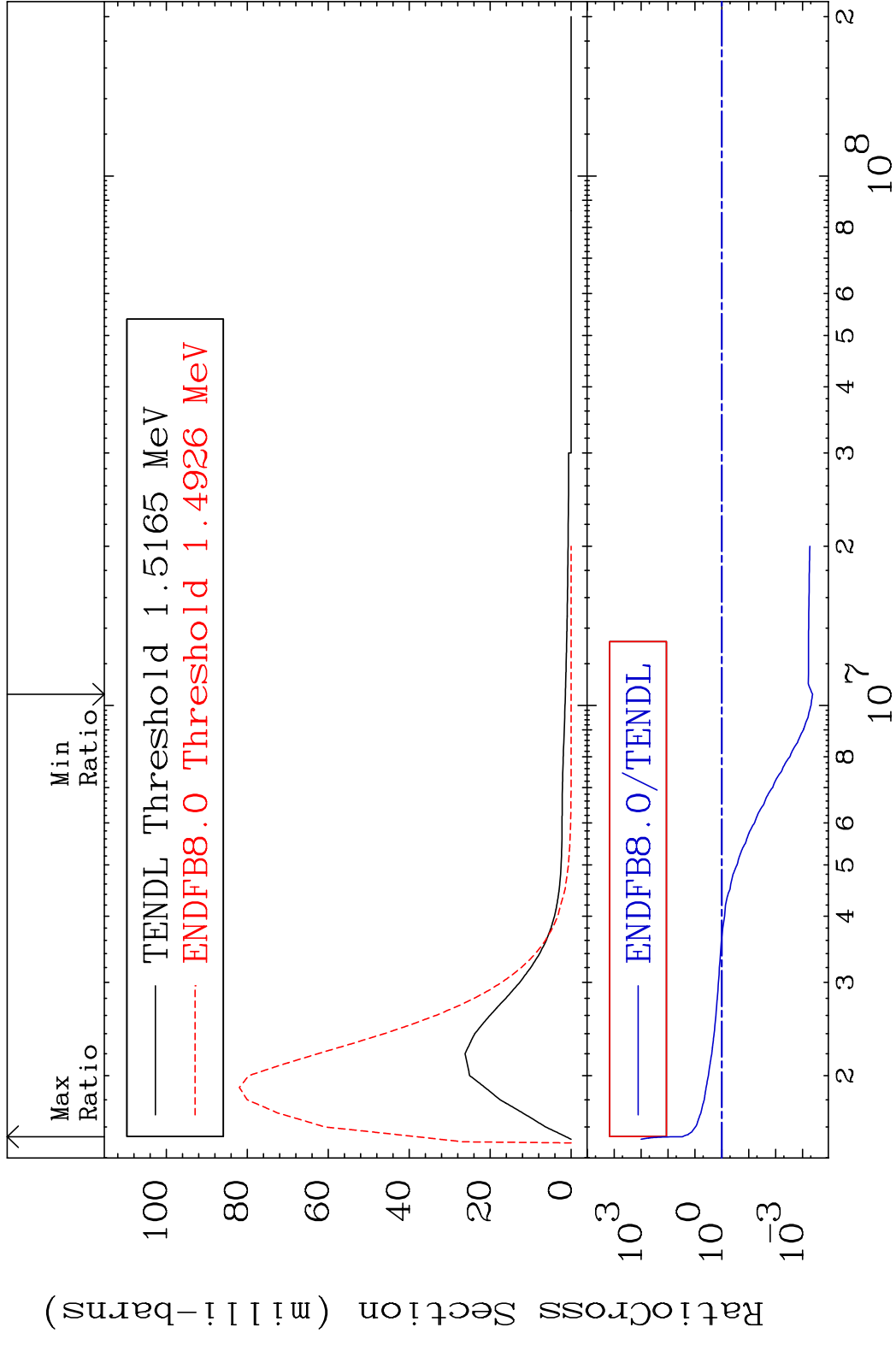
MAT 7243 MT= 76 (n,n') Level 72-Hf-180
 Cross Section -99.94 To -41.95%



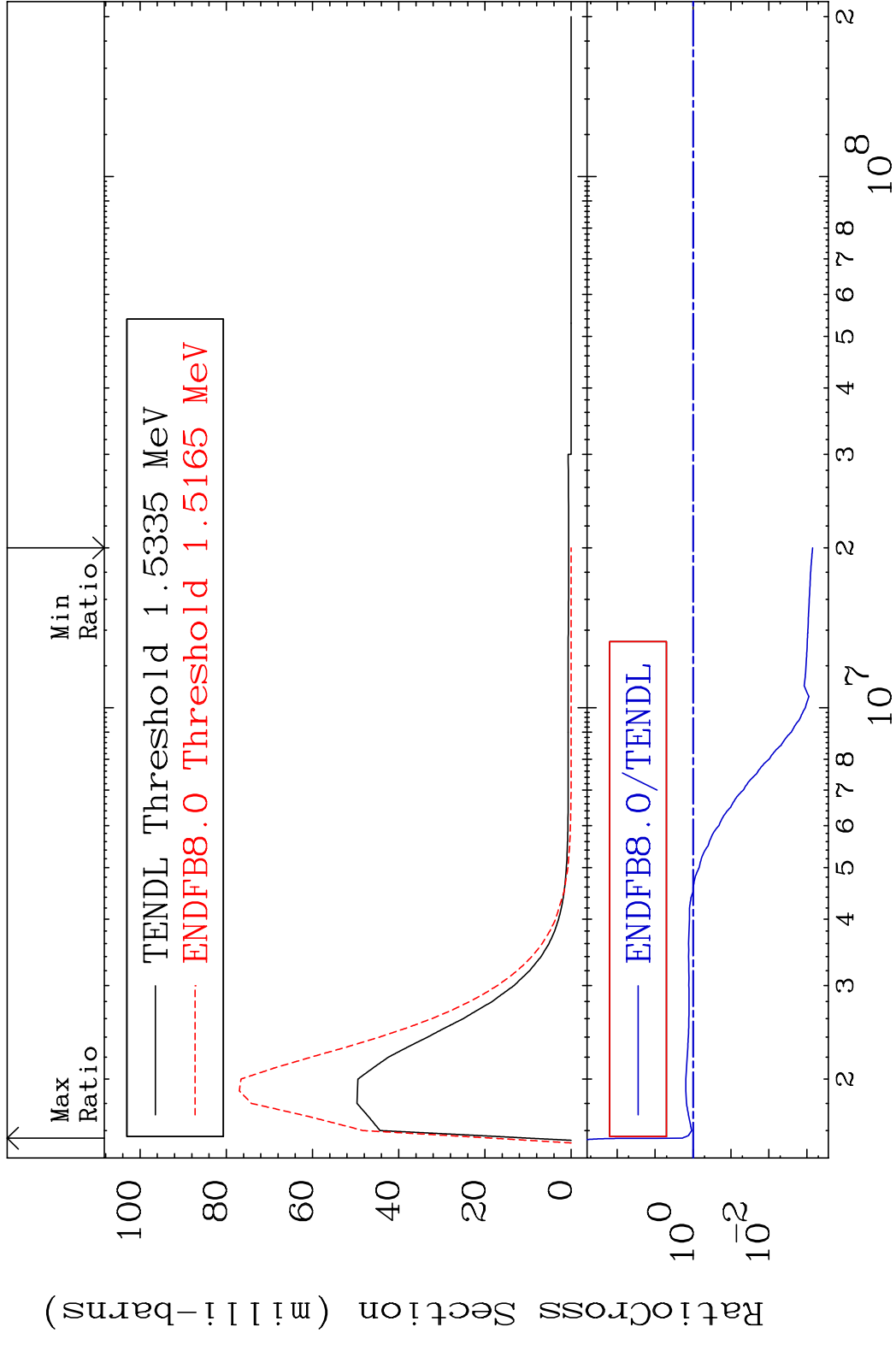
MAT 7243 MT= 77 (n,n') Level 72-Hf-180
 Cross Section -99.96 To -38.75%



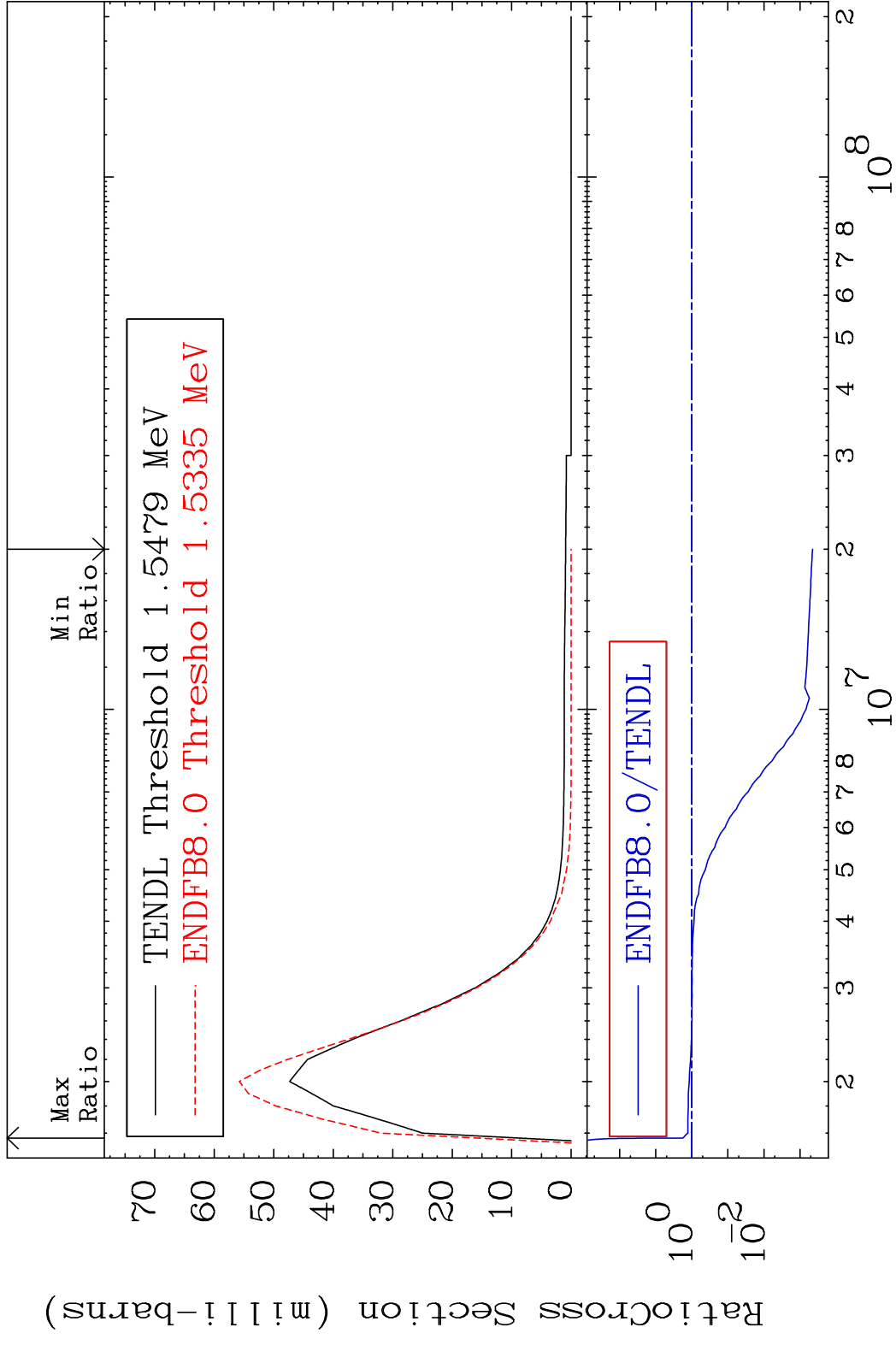
MAT 7243 MT= 78 (n,n') Level 72-Hf-180
 Cross Section -99.96 To 2849. %



MAT 7243 MT= 79 (n, n') Level 72-Hf-180
 Cross Section -99.93 To 91.49 %



MAT 7243 MT= 80 (n, n') Level 72-Hf-180
 Cross Section -99.96 To 82.33 %

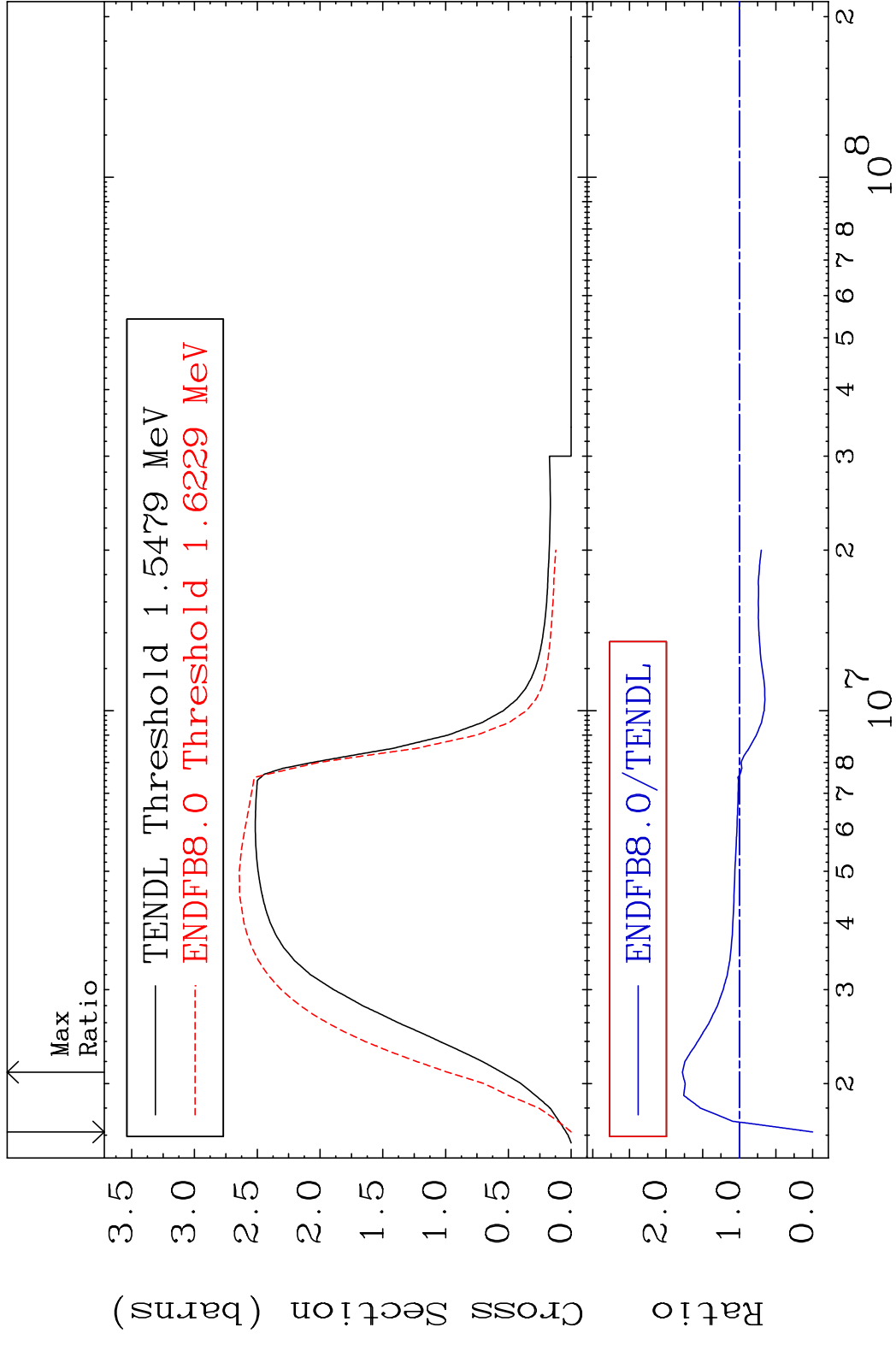


MAT 7243

(n, n') Continuum

72-Hf-180

Cross Section -100.0 To 77.73 %

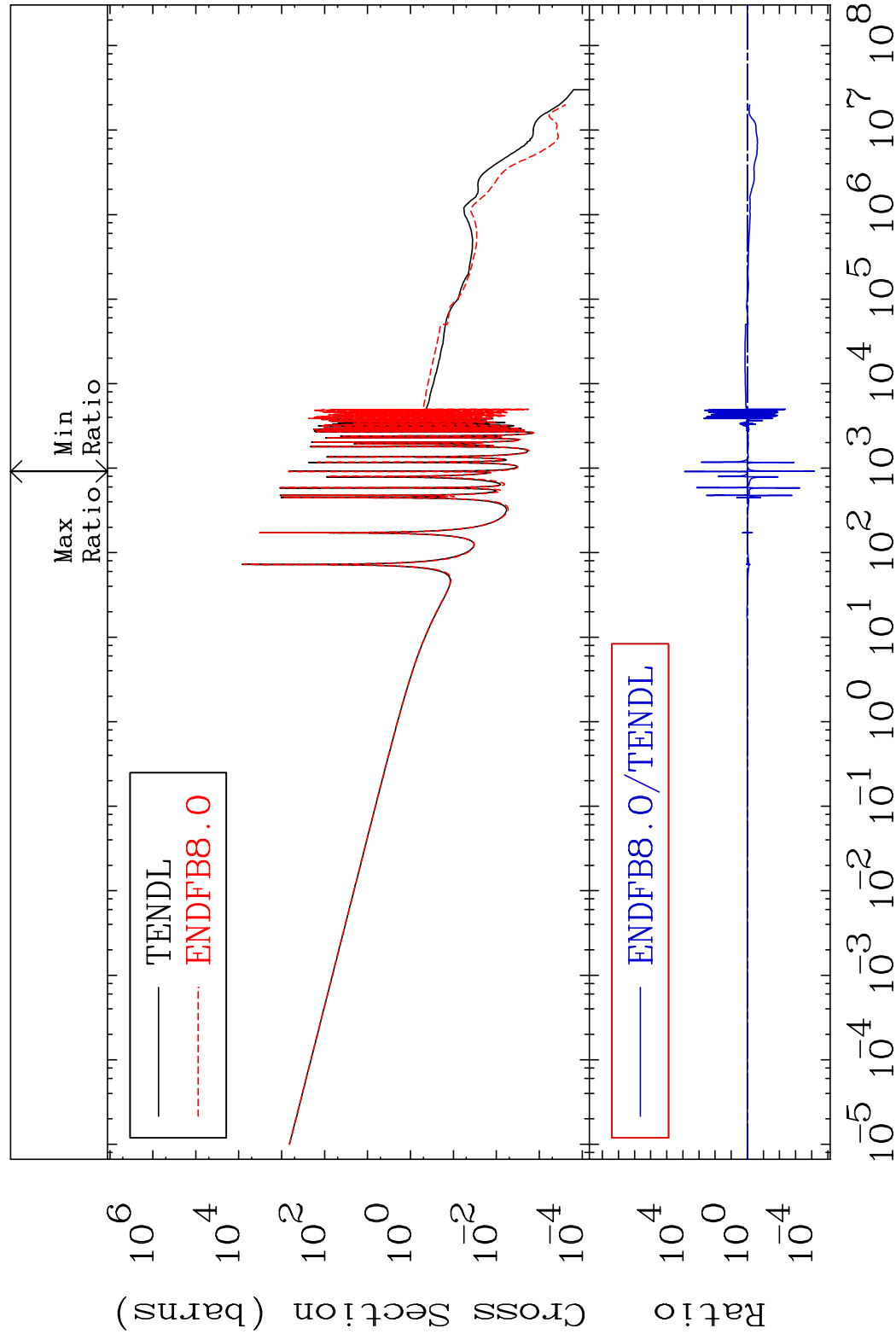


MAT 7243

(n, γ)

72-Hf-180

Cross Section -99.99 To 9999. %



39

Incident Energy (eV)

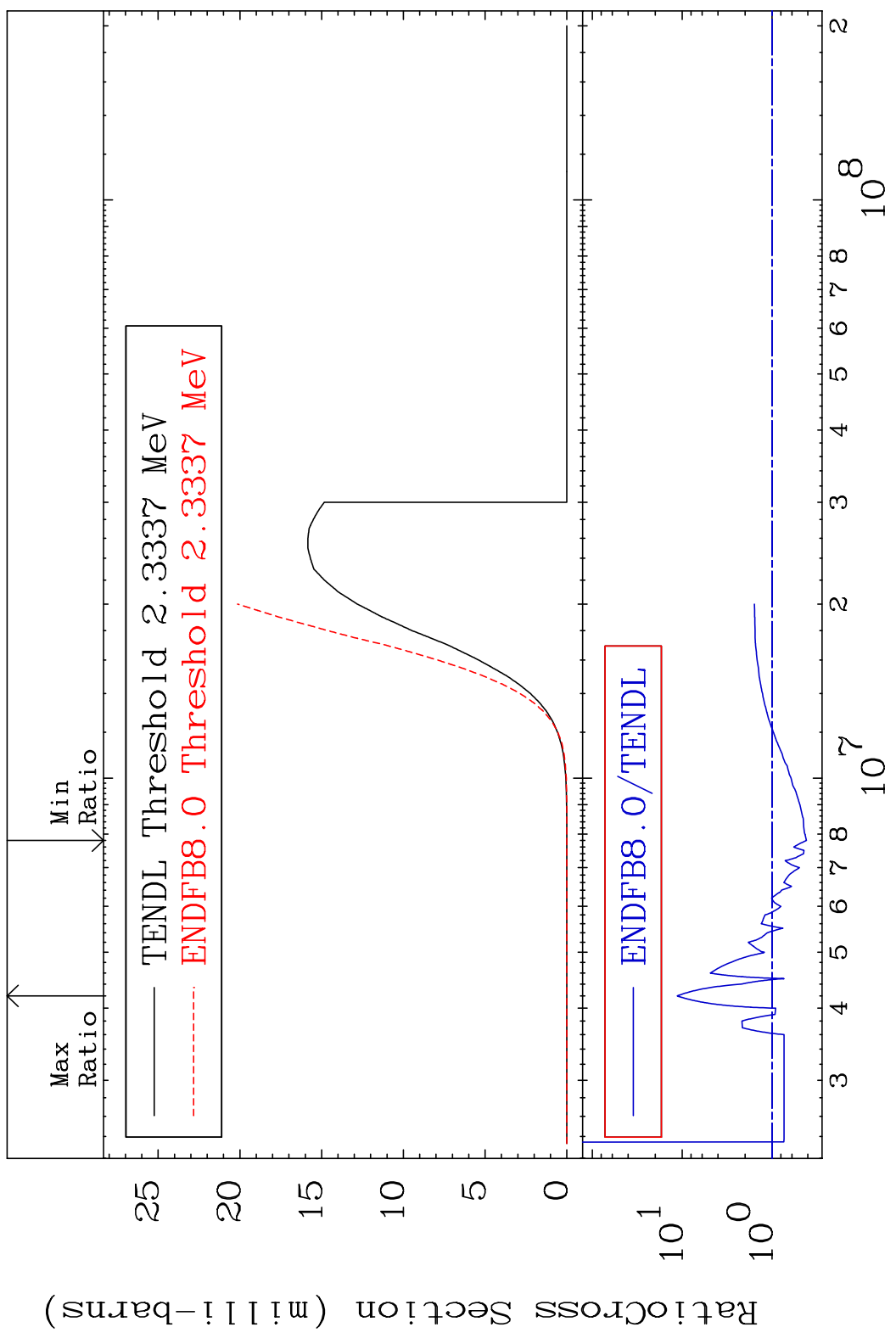
72-Hf-180

MAT 7243

(n, p)

72-Hf-180

Cross Section -58.53 To 1039. %



40

Incident Energy (eV)

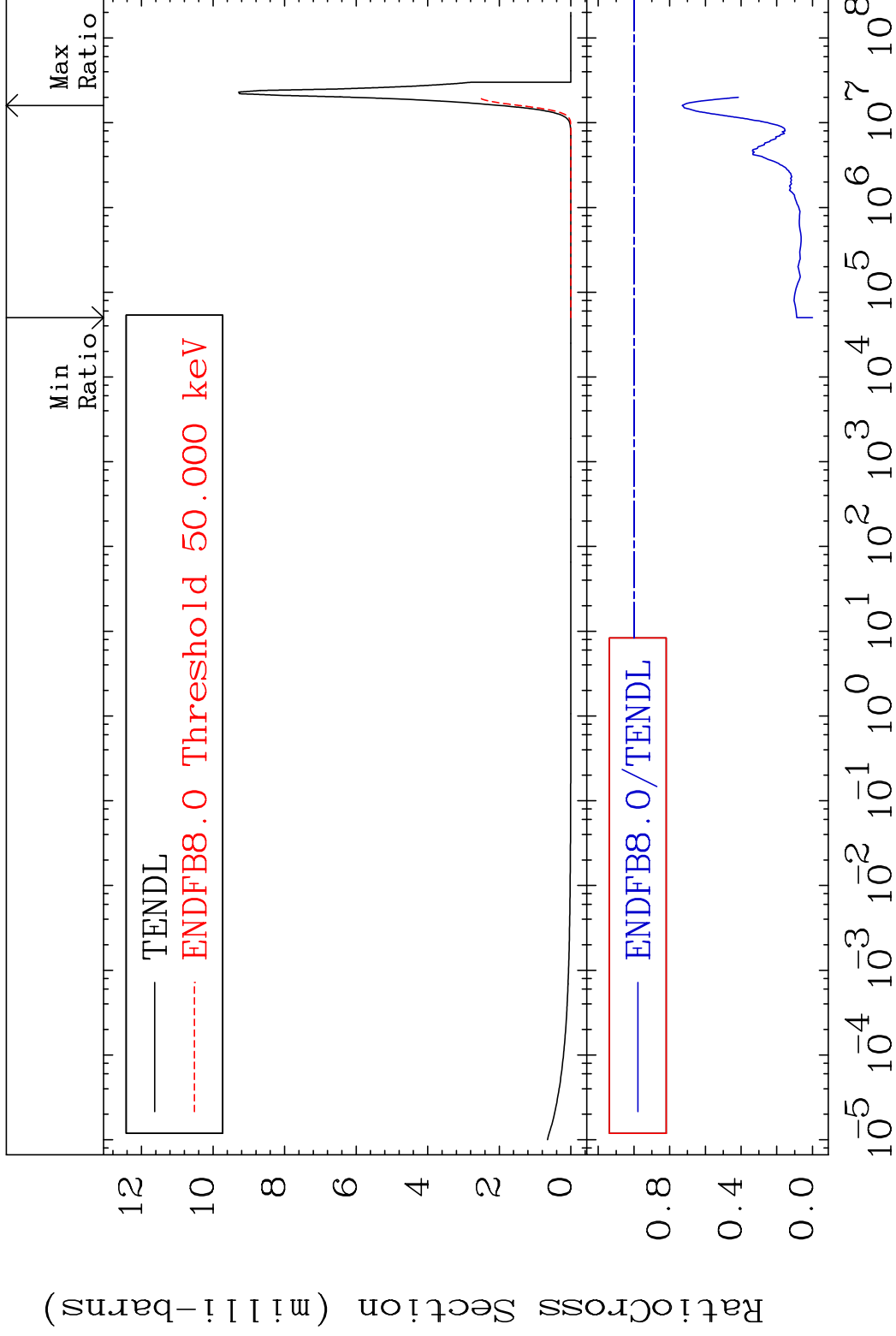
72-Hf-180

MAT 7243

(n, α)

72-Hf-180

Cross Section -100.0 To -26.98%



41

Incident Energy (eV)

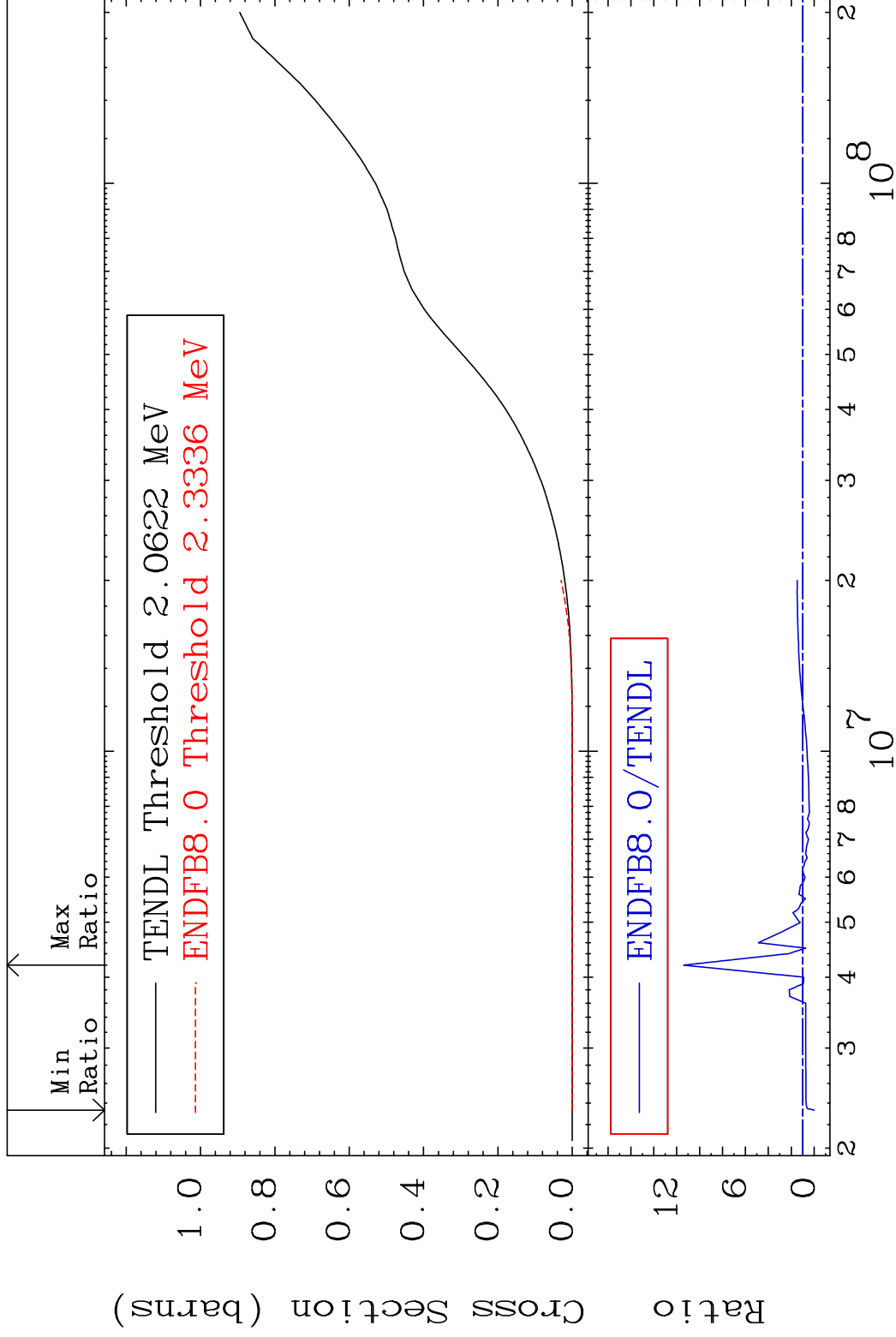
72-Hf-180

MAT 7243

Hydrogen Production

72-Hf-180

Cross Section -100.0 To 1039. %



42

Incident Energy (eV)

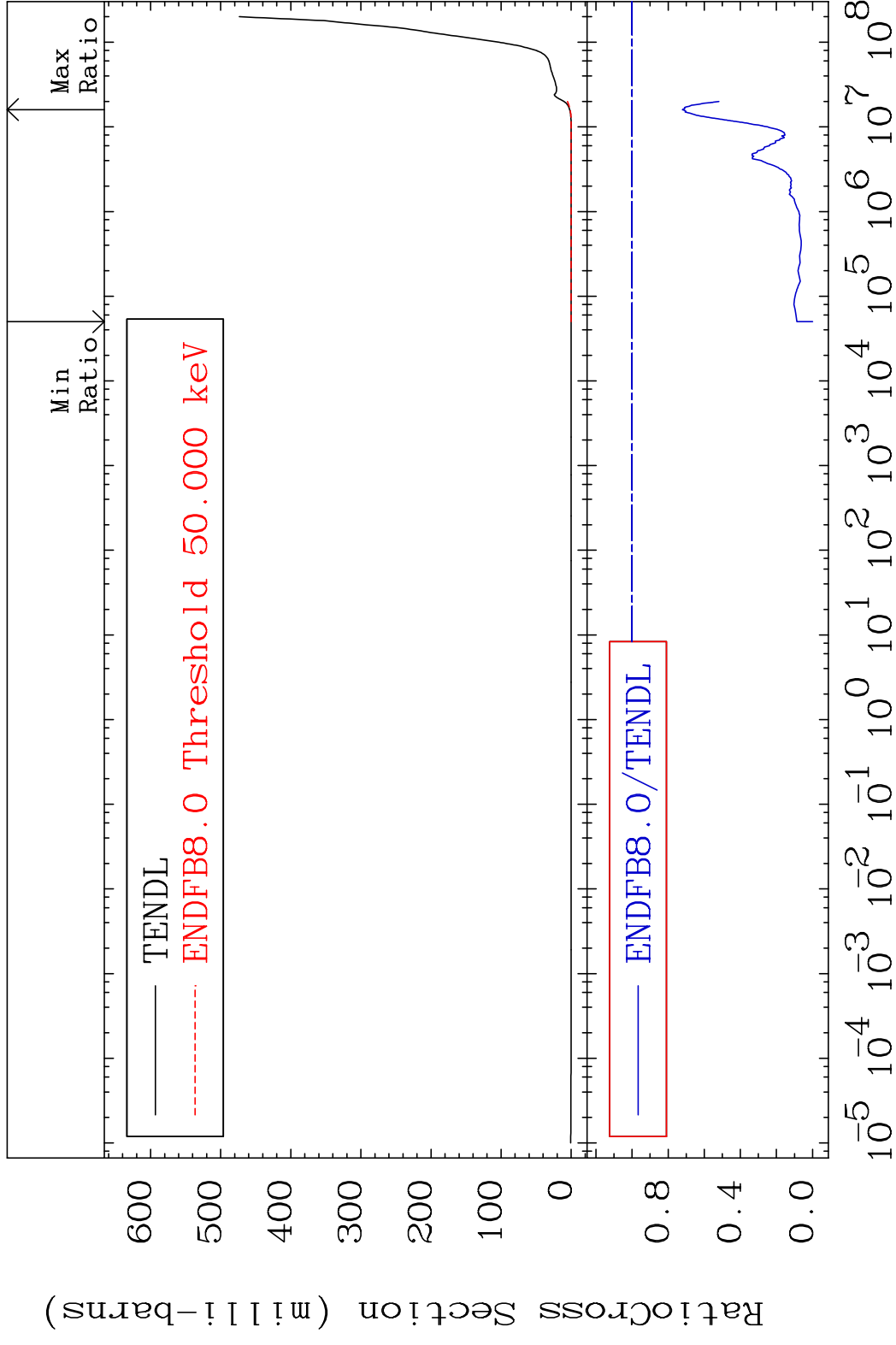
72-Hf-180

MAT 7243

He-4 Production

72-Hf-180

Cross Section -100.0 To -27.86%

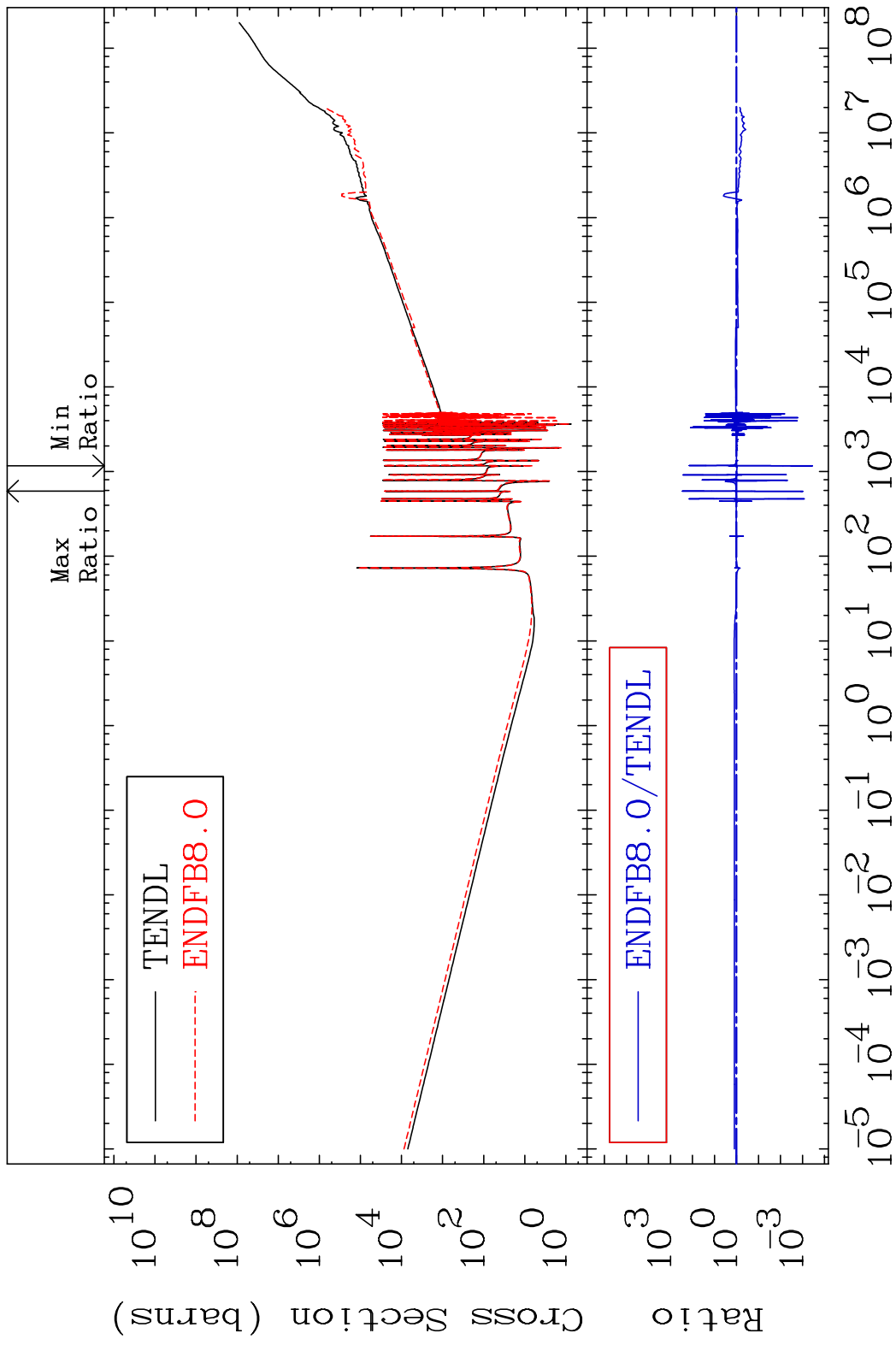


43

Incident Energy (eV)

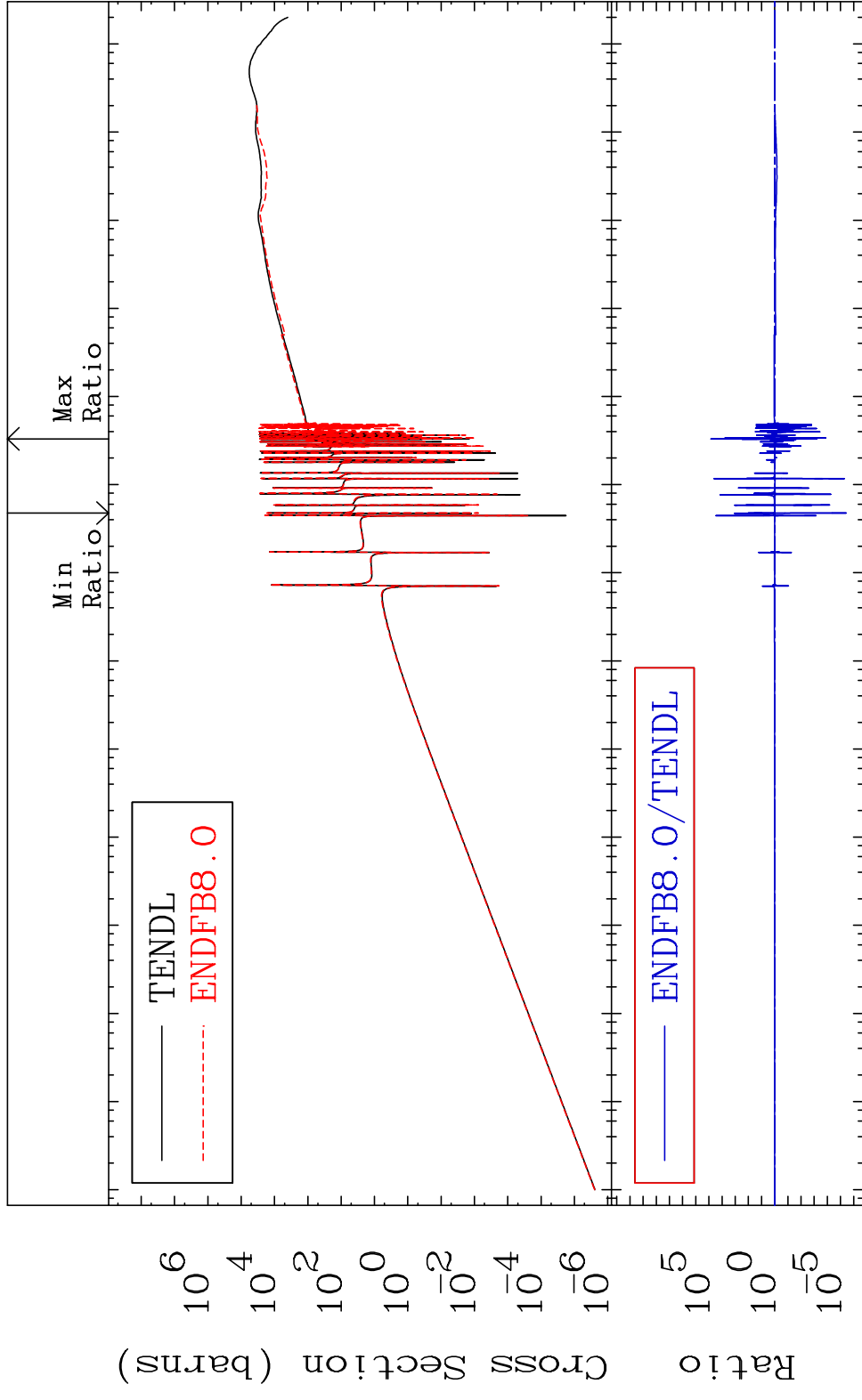
72-Hf-180

MAT 7243 Kerma total (eV-barns) 72-Hf-180
 Cross Section -99.96 To 9999. %

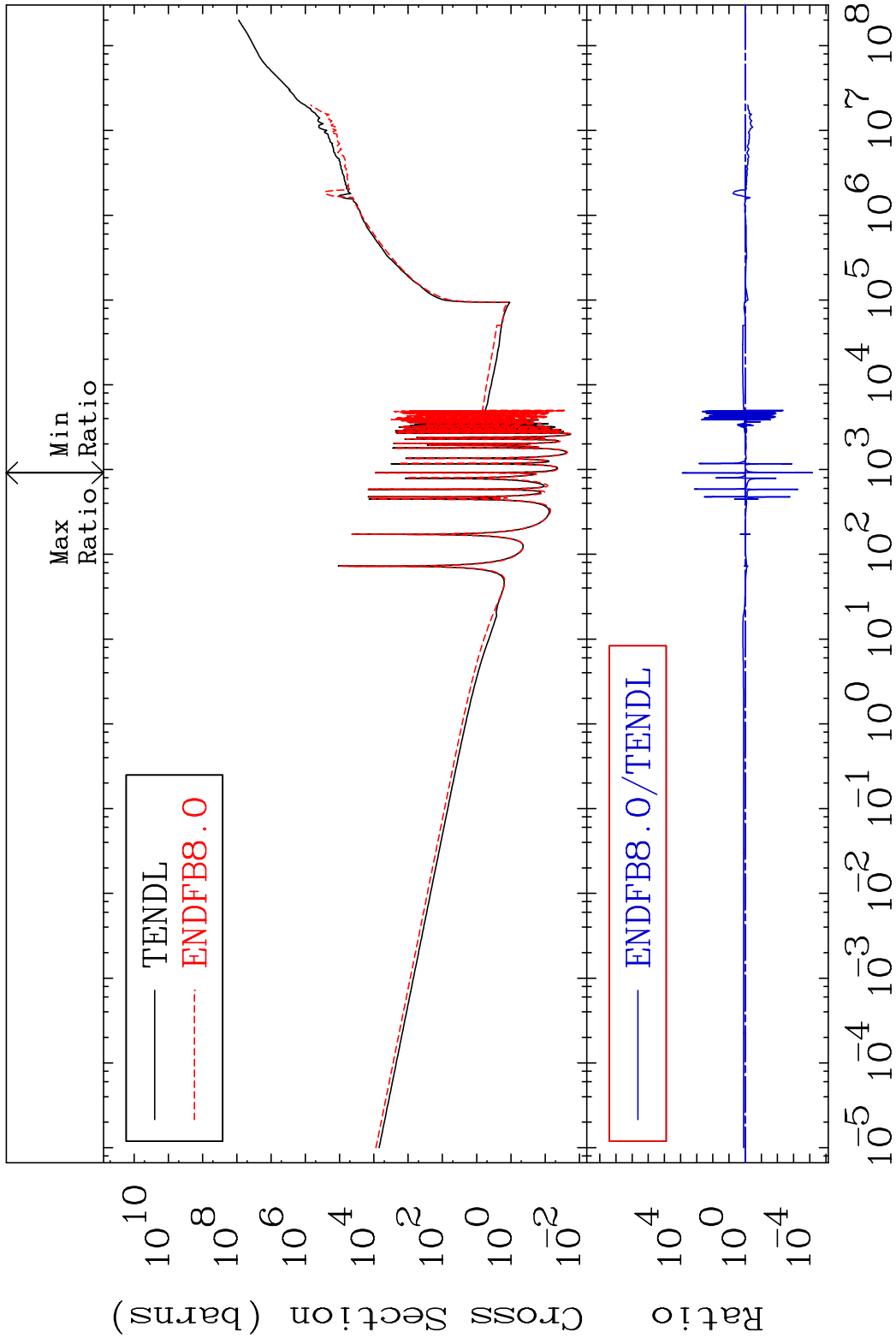


MAT 7243

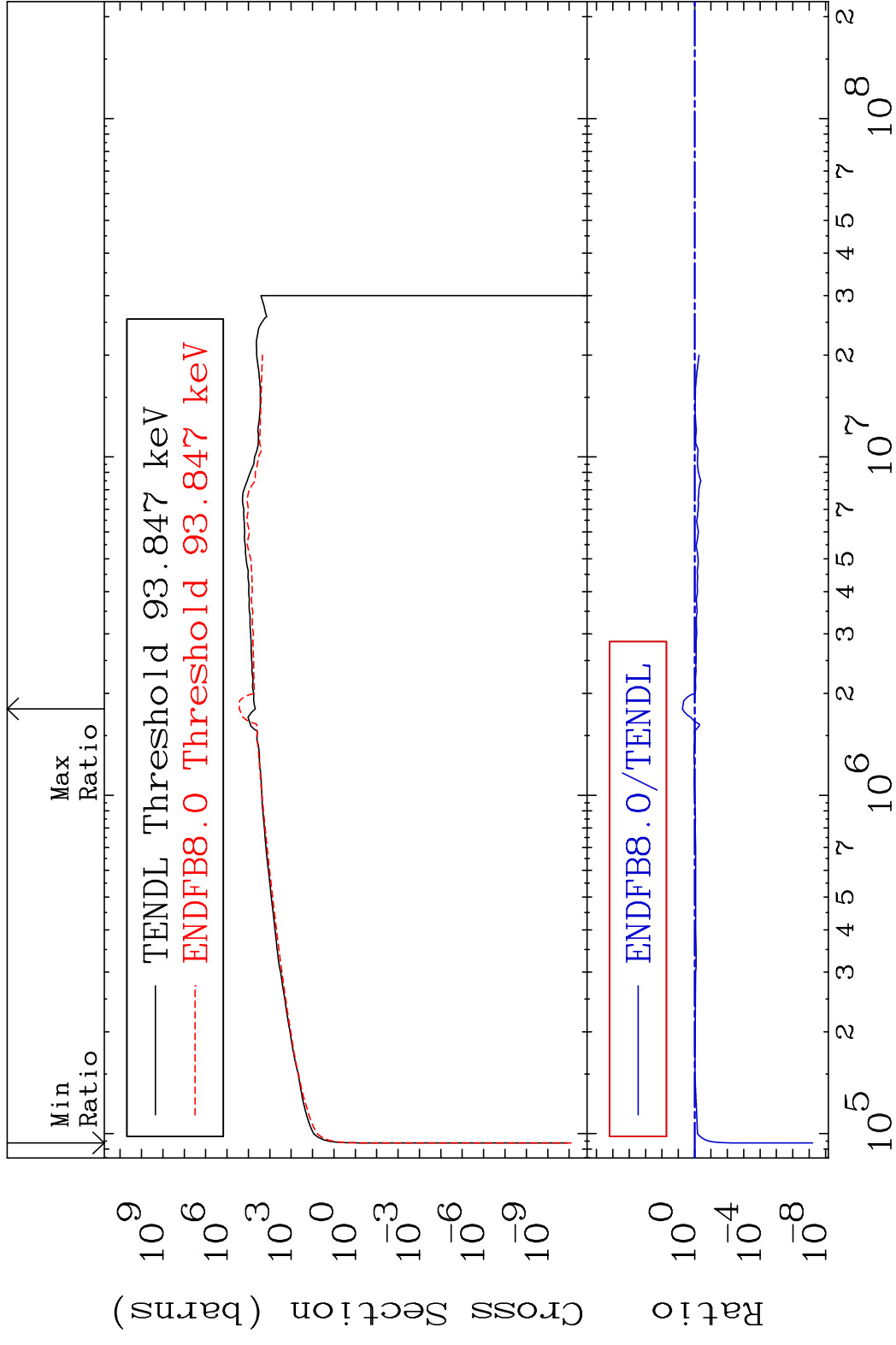
Kerma elastic Cross Section -100.0 To 9999. %
72-Hf-180



MAT 7243 Kerma non-elastic (all but mt2) 72-Hf-180
 Cross Section -99.99 To 9999. %

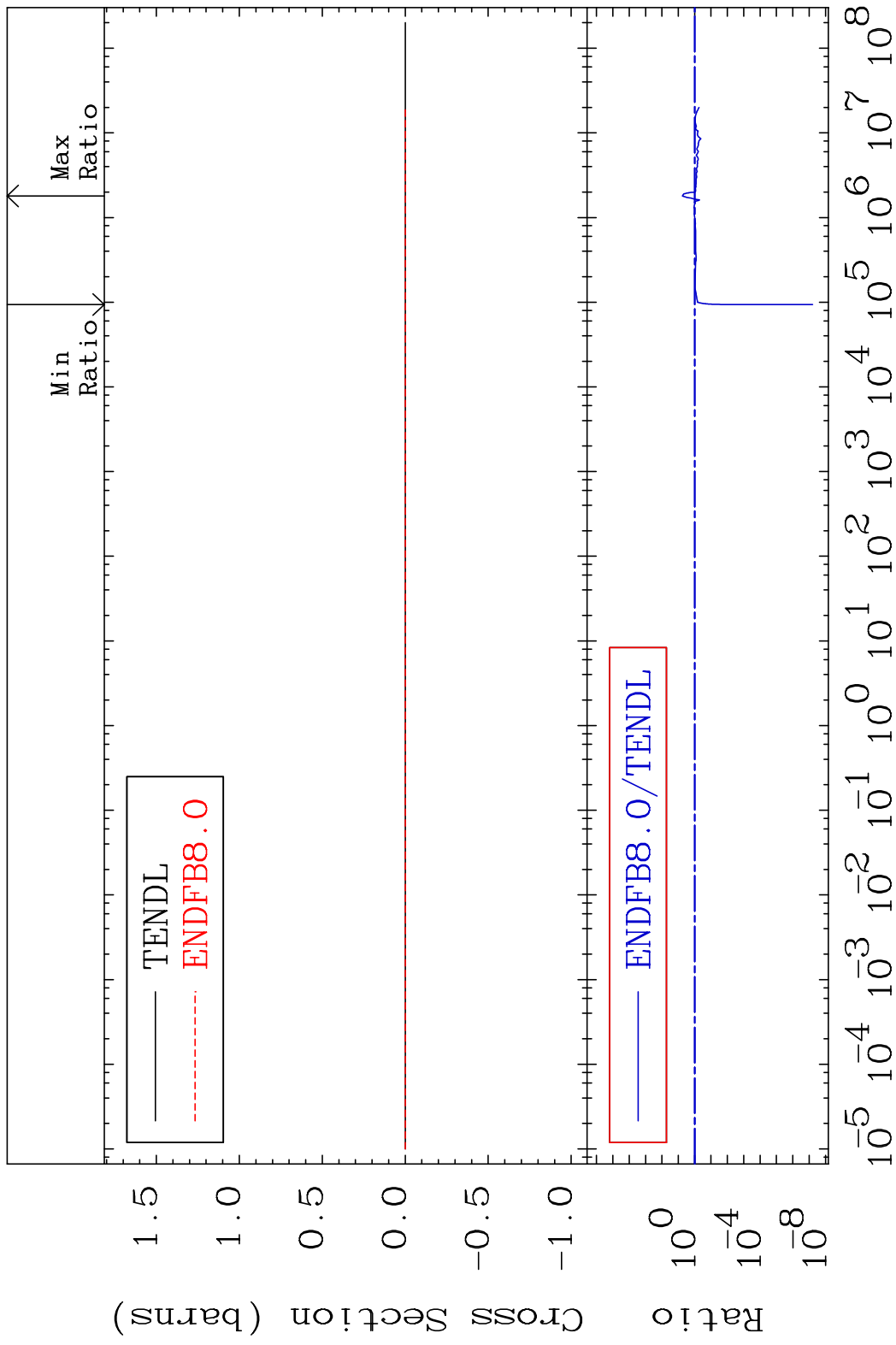


MAT 7243 Kerma inelastic (mt51-91) 72-Hf-180
 Cross Section -100.0 To 464.1 %



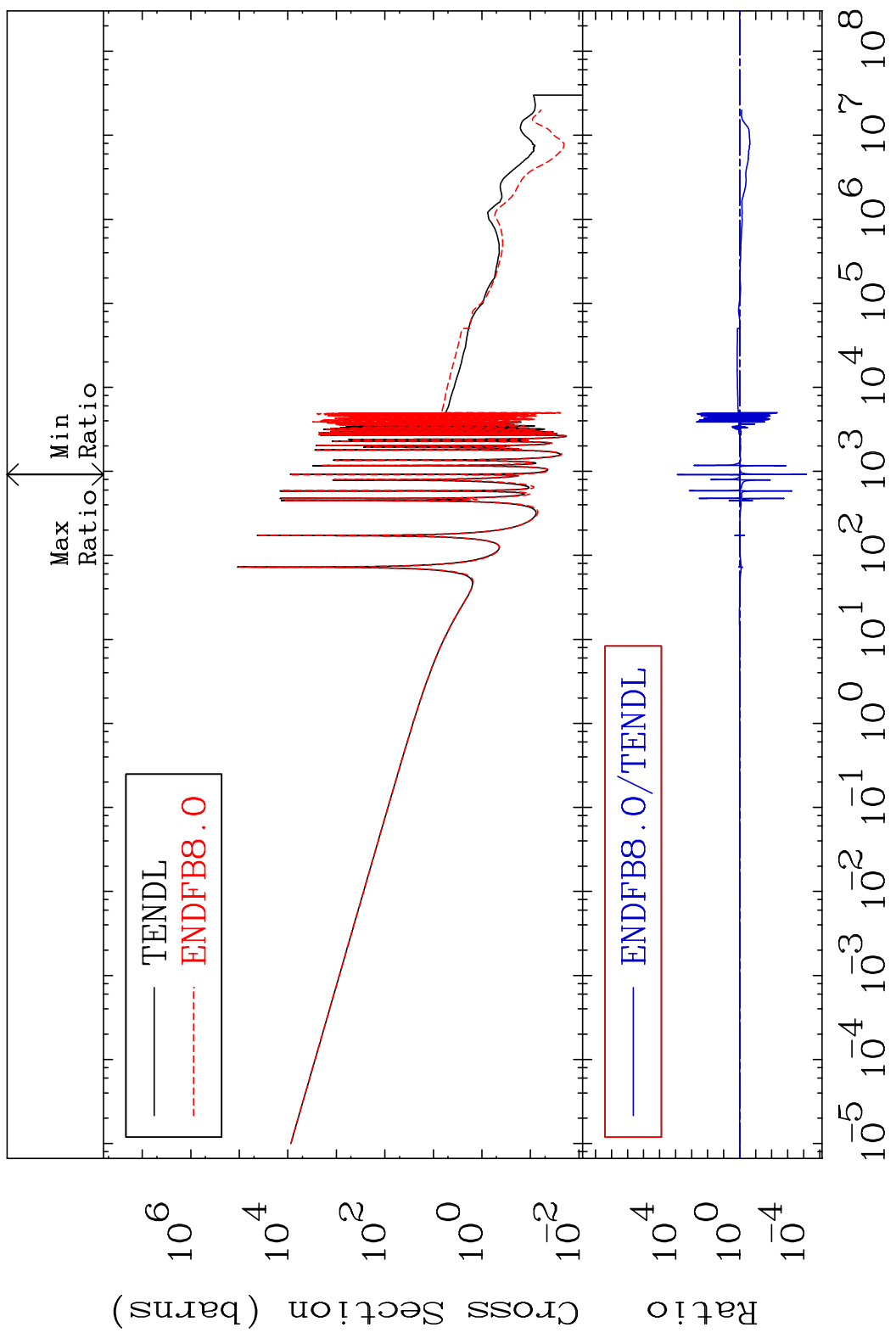
47 Incident Energy (eV) 72-Hf-180

MAT 7243 Kerma fission (mt18 or mt19-20-21-38) 72-Hf-180
 Cross Section -100.0 To 464.1 %



MAT 7243

Kerma capture (mt102) 72-Hf-180
Cross Section -99.99 To 9999. %

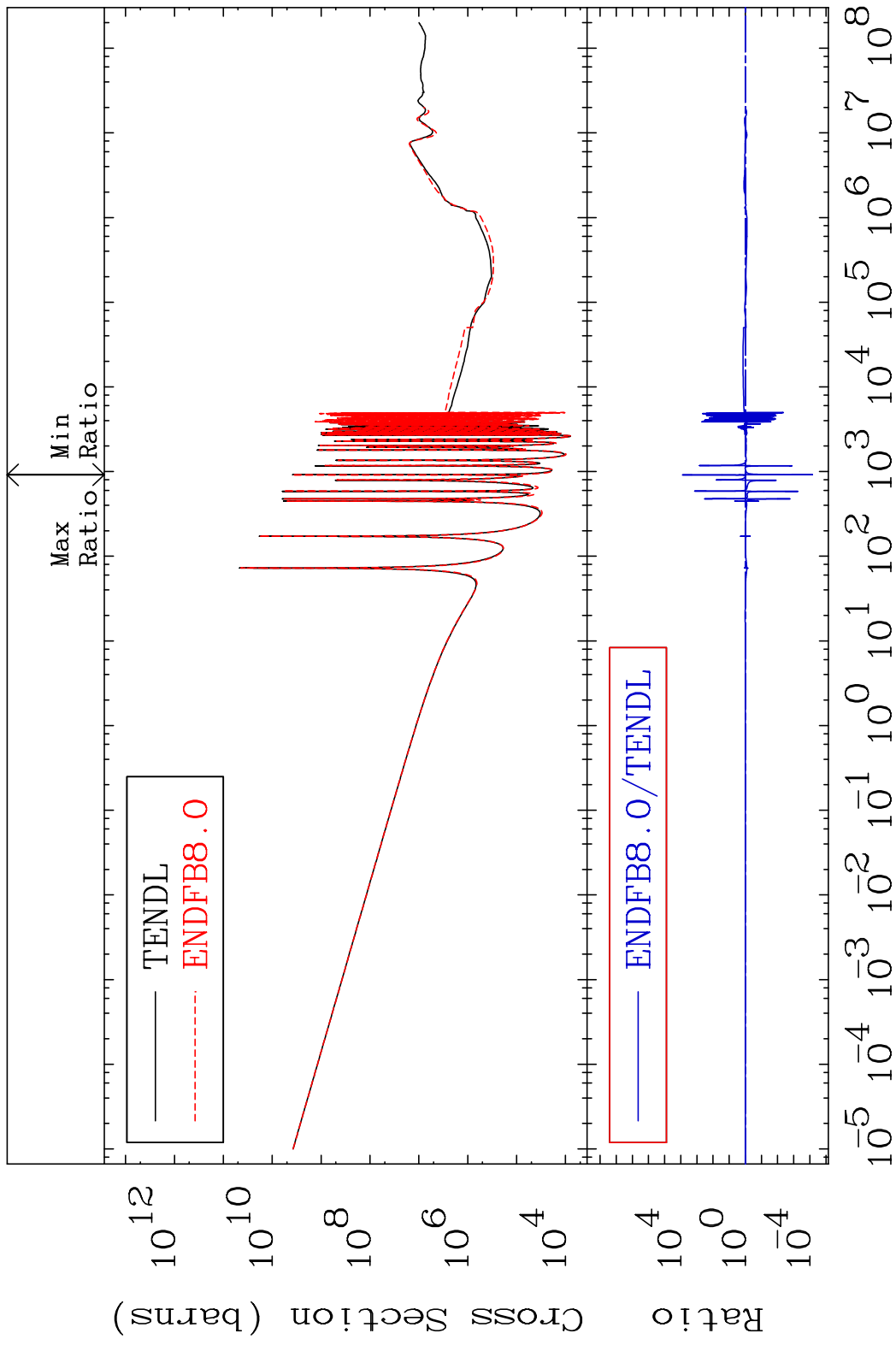


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Incident Energy (eV)

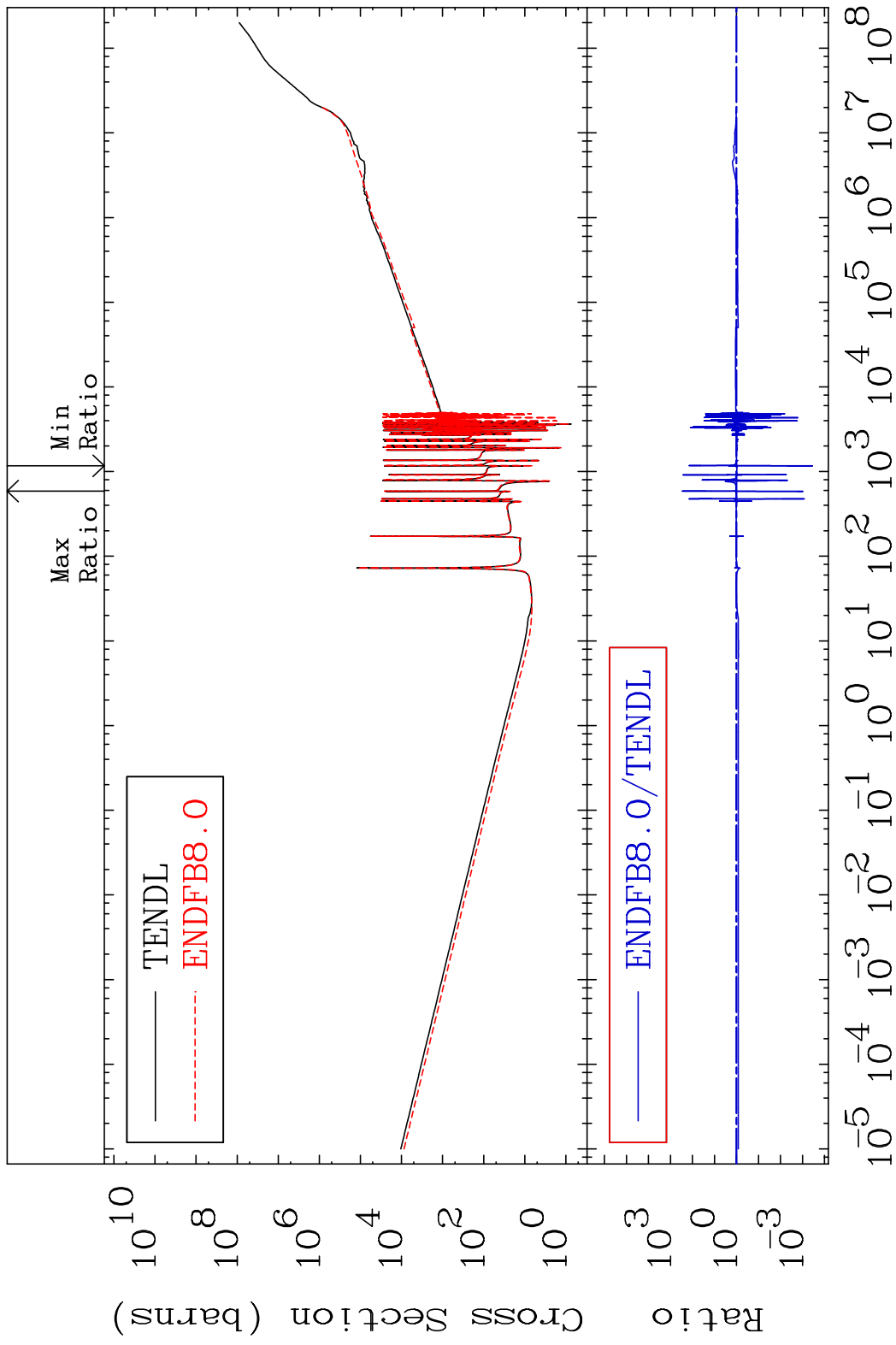
72-Hf-180

MAT 7243 Total photon (eV-barns) 72-Hf-180
 Cross Section -99.99 To 9999. %

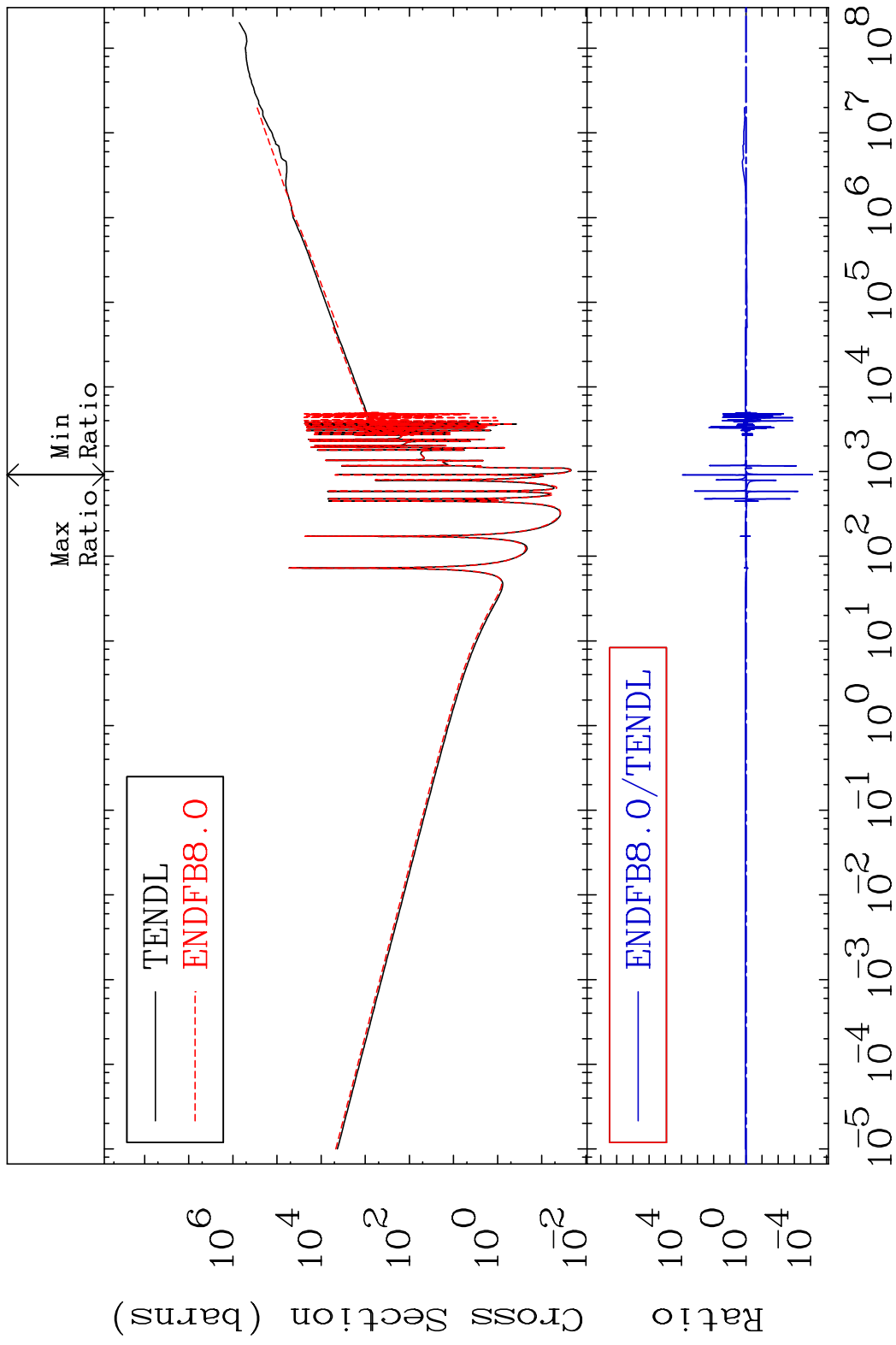


50 Incident Energy (eV) 72-Hf-180

MAT 7243 Total kinematic kerma (high limit) 72-Hf-180
 Cross Section -99.96 To 9999. %



MAT 7243 Dpa total (eV-barns) 72-Hf-180
 Cross Section -99.99 To 9999. %

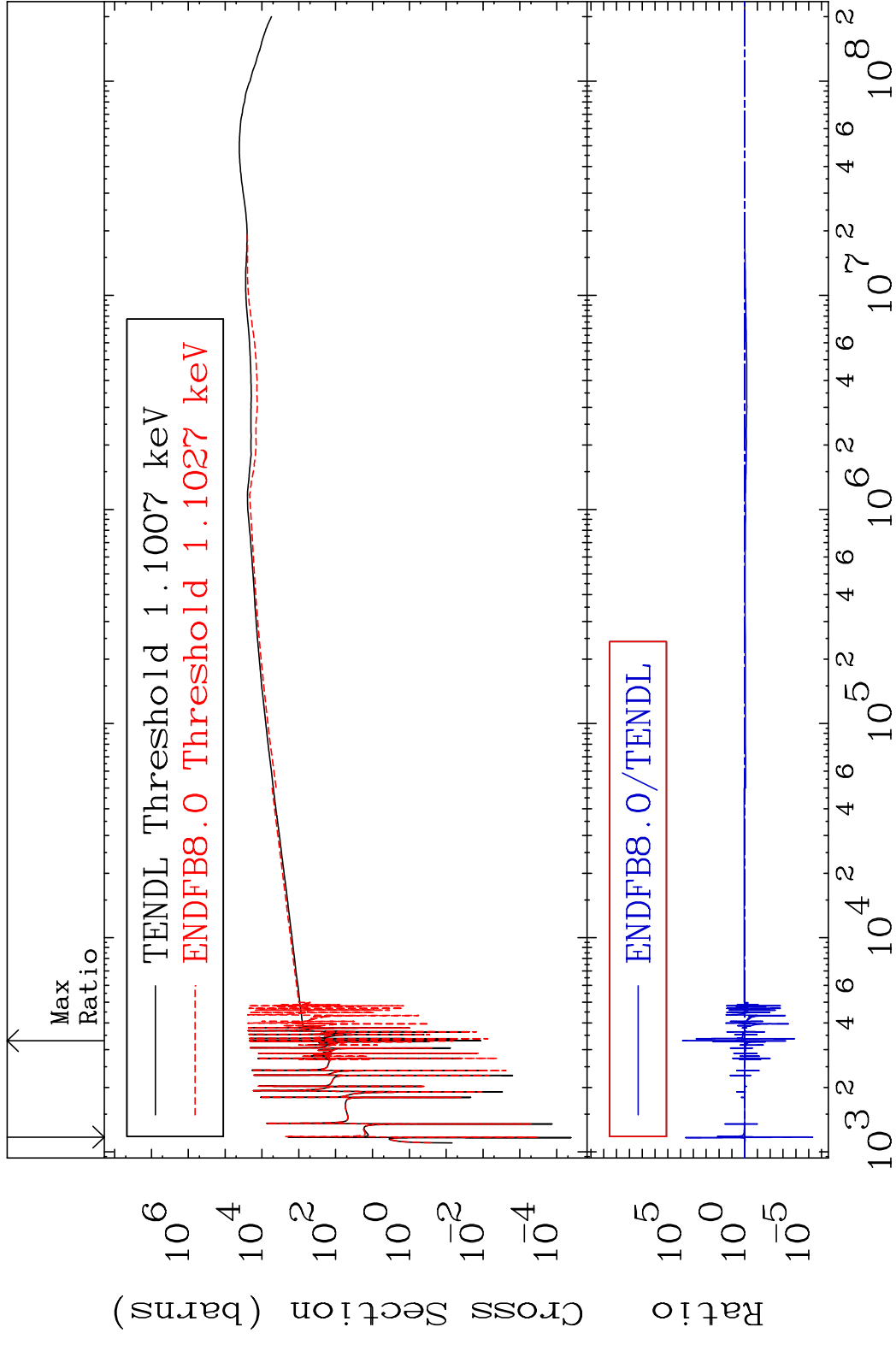


MAT 7243

Dpa elastic (mt2)

72-Hf-180

Cross Section -100.0 To 9999. %

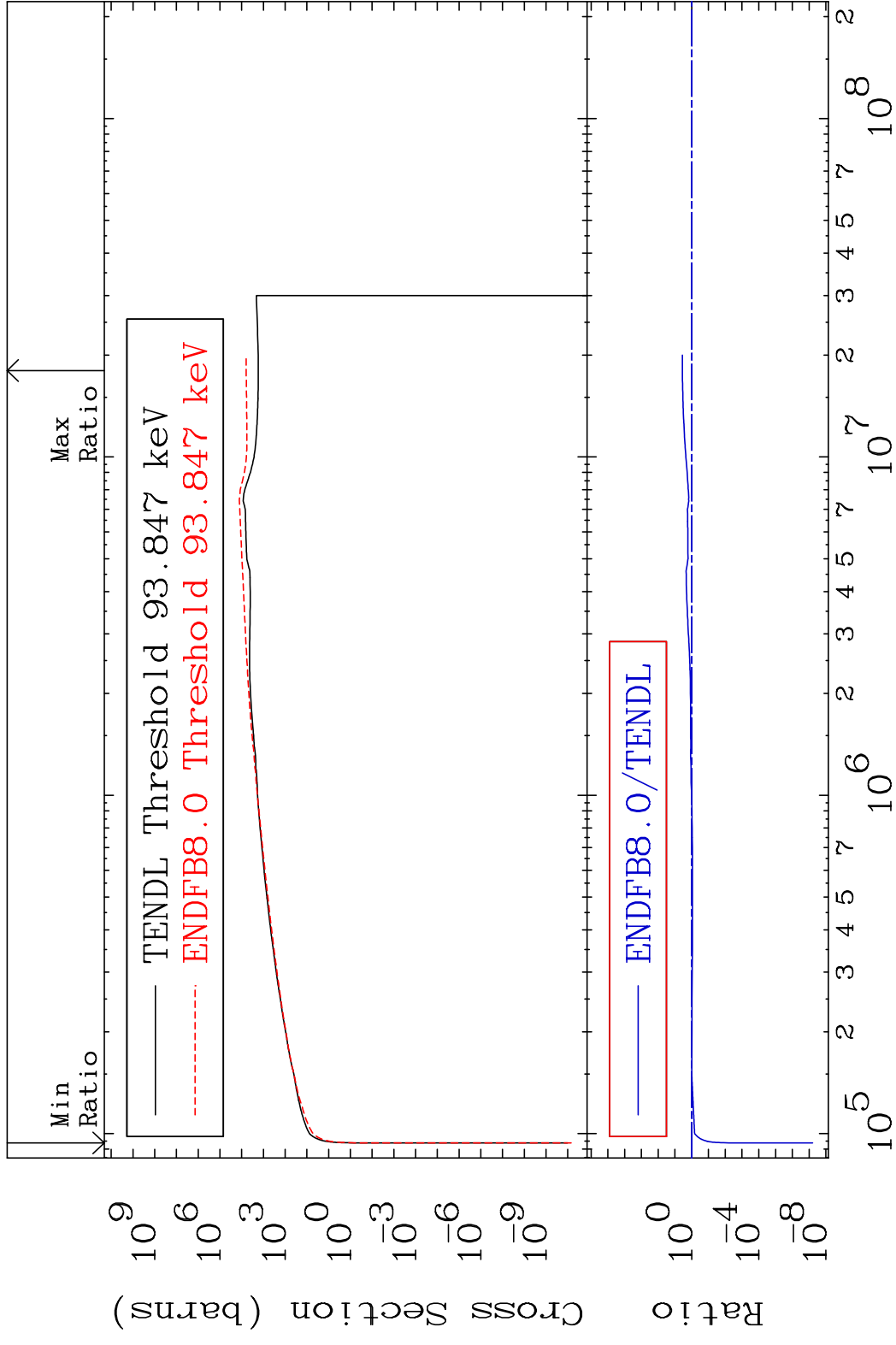


53

Incident Energy (eV)

72-Hf-180

MAT 7243 Dpa inelastic (mt51-91) 72-Hf-180
 Cross Section -100.0 To 262.1 %



MAT 7243 Dpa disappearance (mt102 -120) 72-Hf-180
 Cross Section -99.99 To 9999. %

