

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

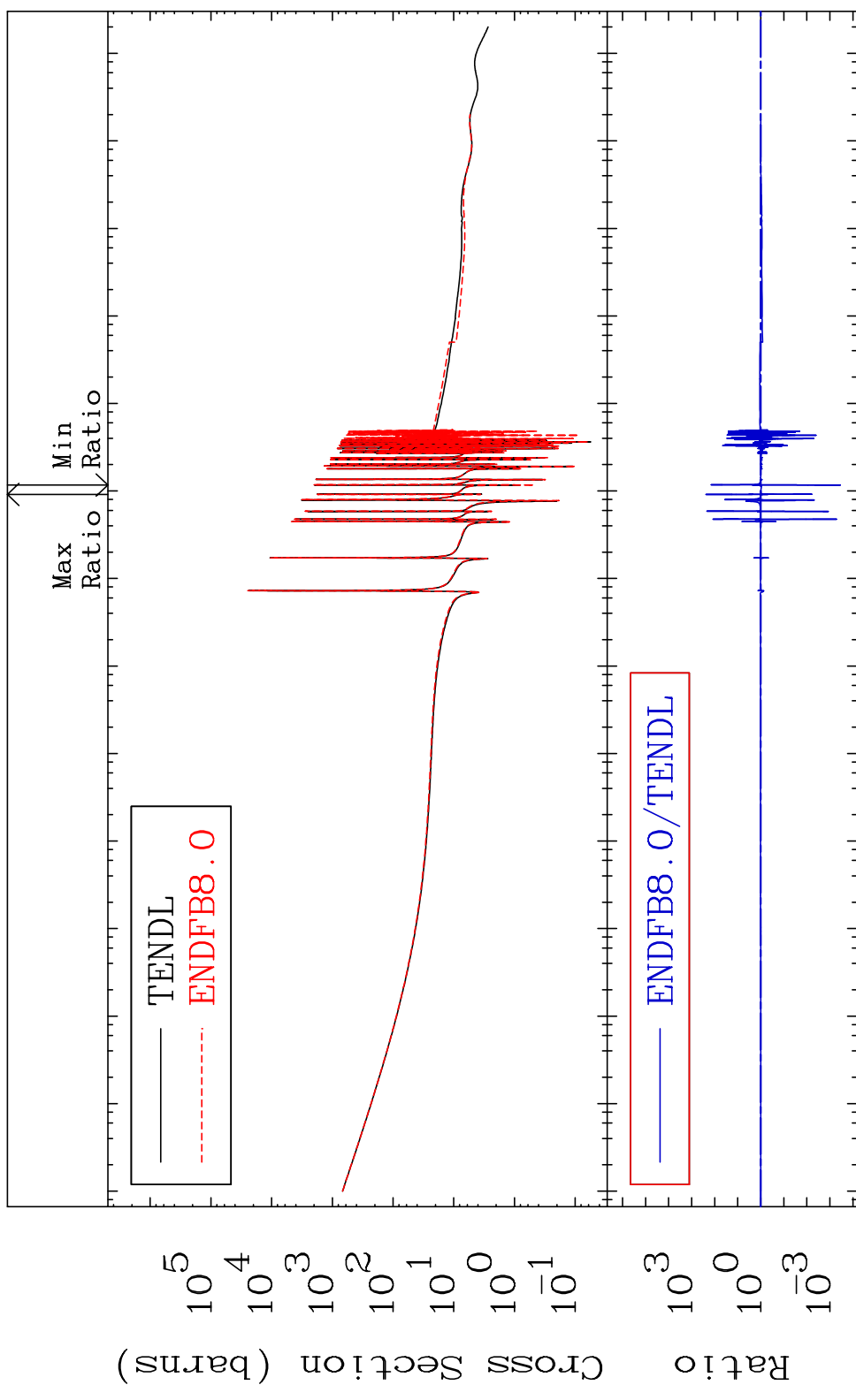
MAT 7243

Total

72-Hf-180

Cross Section

-99.97 To 9999. %



1

Incident Energy (eV)

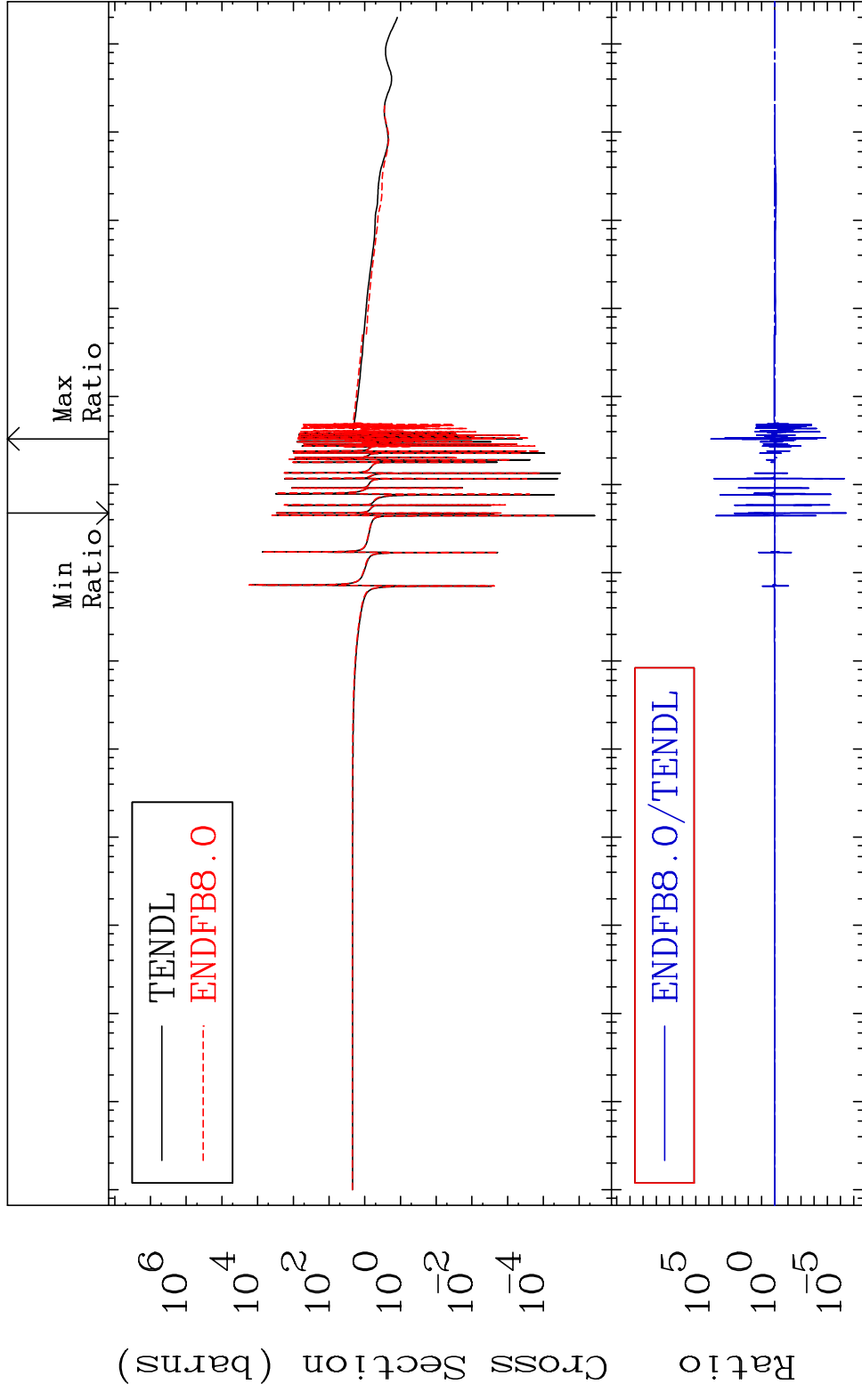
72-Hf-180

MAT 7243

Elastic

72-Hf-180

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

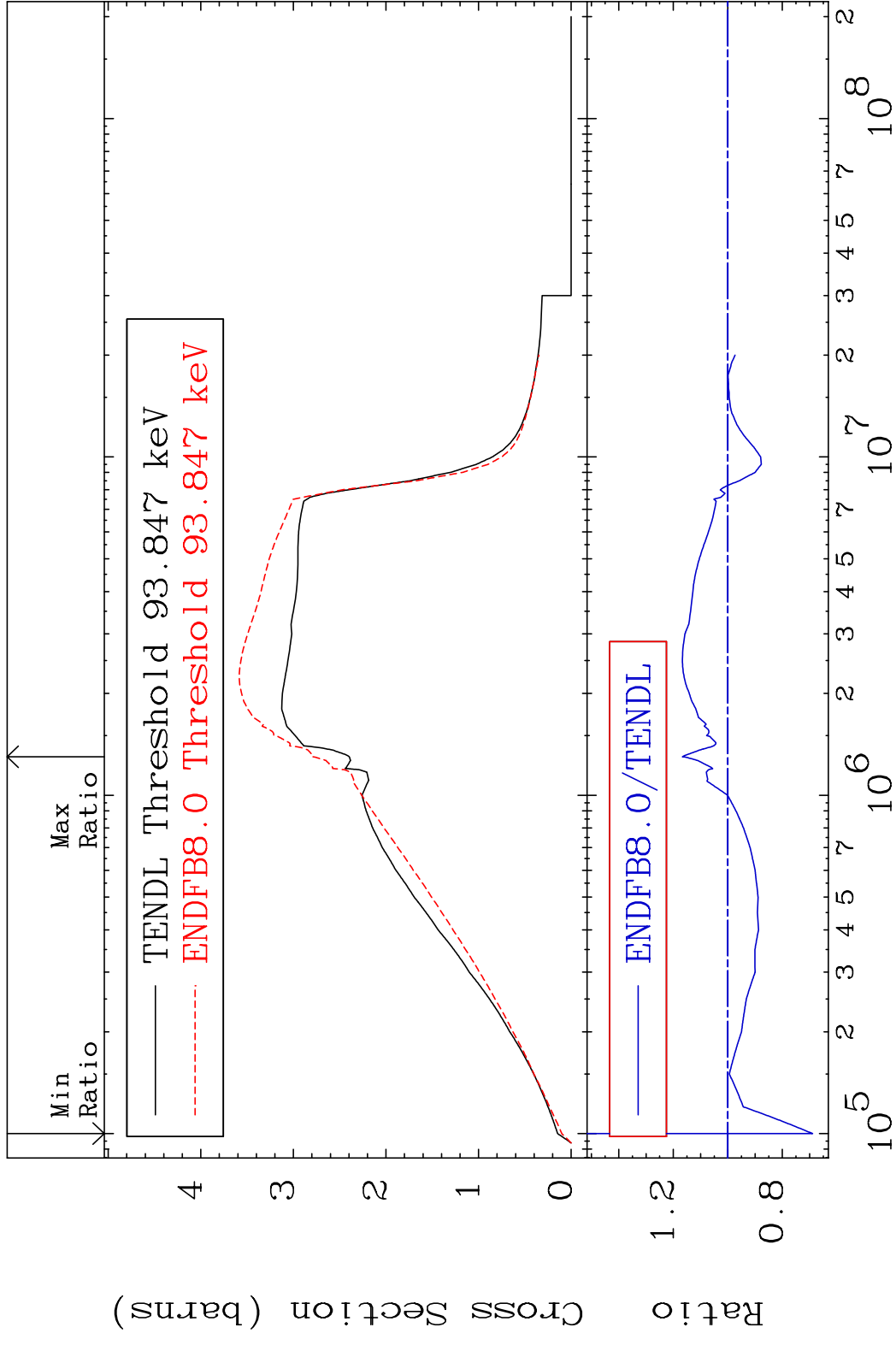
72-Hf-180

MAT 7243

Inelastic

72-Hf-180

Cross Section -31.07 To 16.68 %

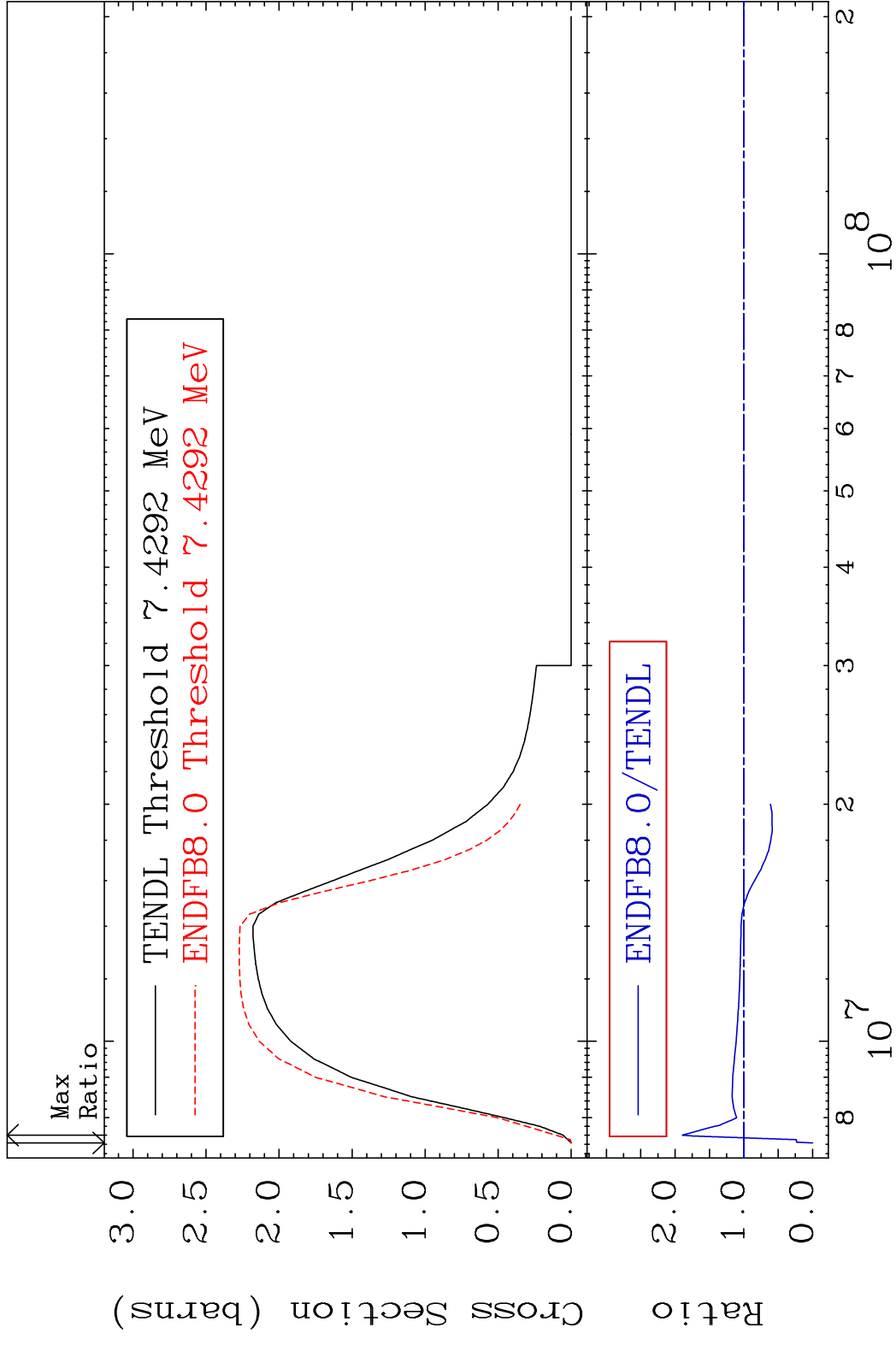


3

Incident Energy (eV)

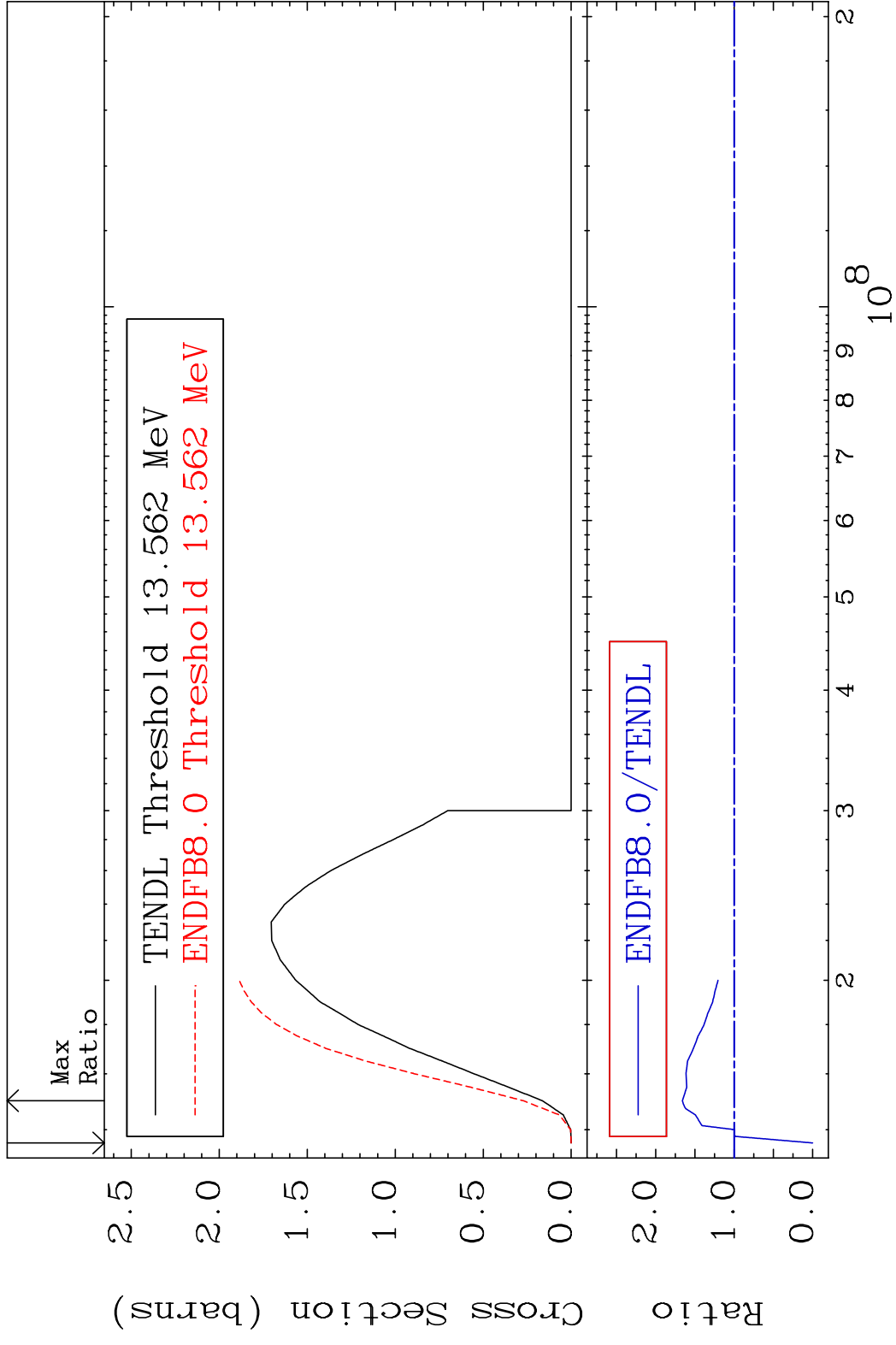
72-Hf-180

MAT 7243 (n,2n) 72-Hf-180
 Cross Section -100.0 To 89.47 %

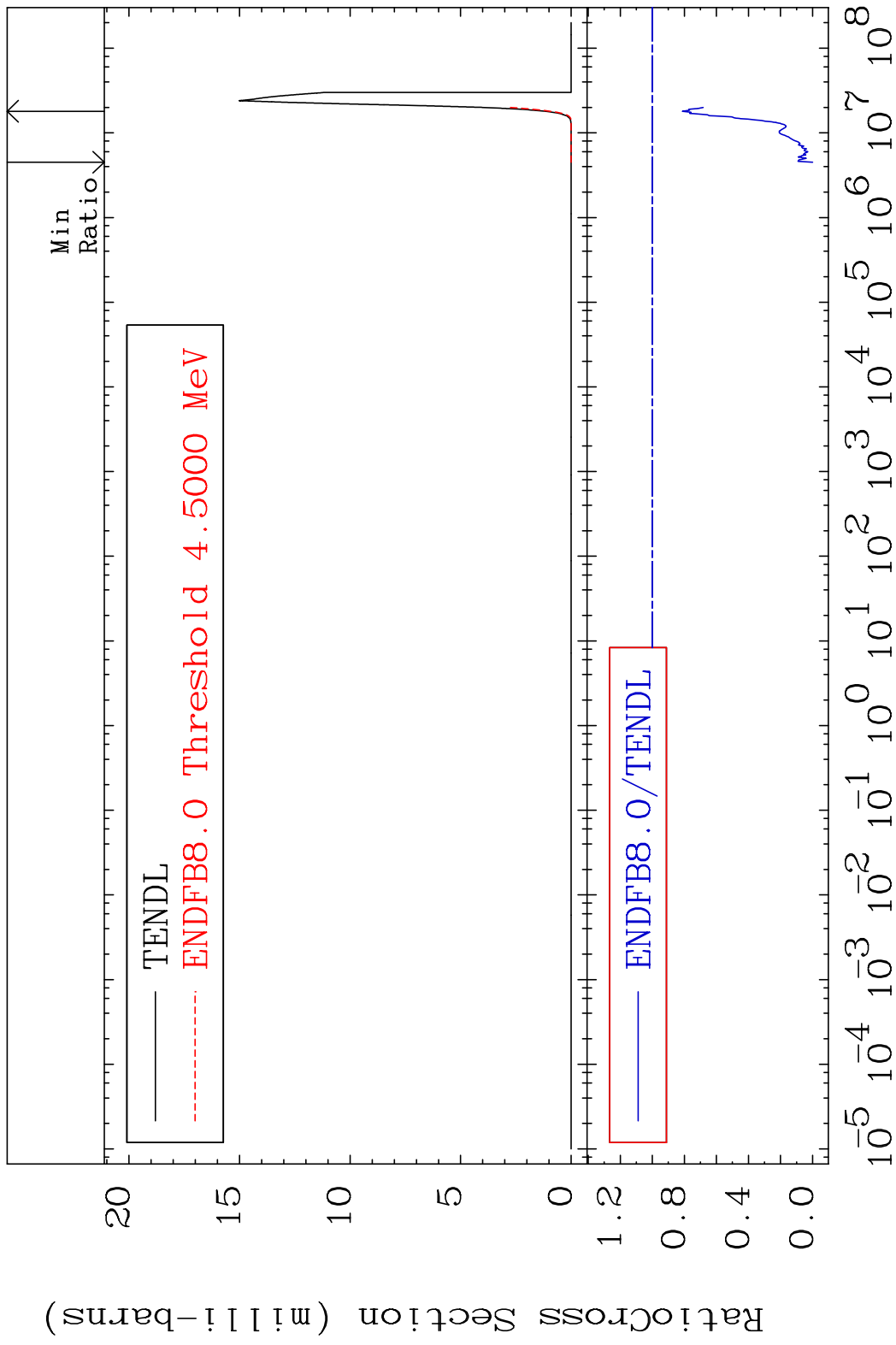


4 Incident Energy (eV) 72-Hf-180

MAT 7243 (n,3n) 72-Hf-180
 Cross Section -100.0 To 65.96 %

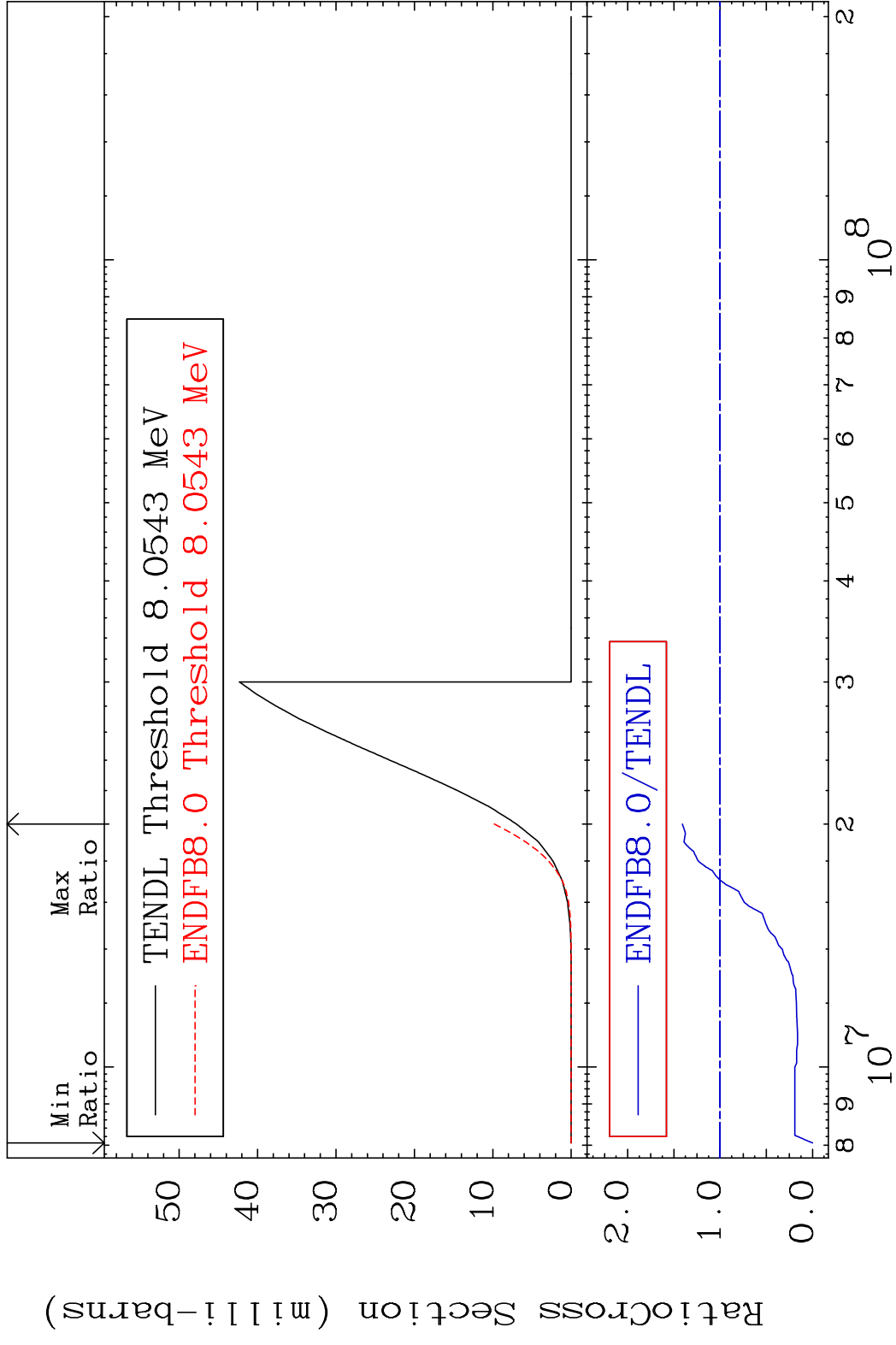


MAT 7243 (n, n') α 72-Hf-180
 Cross Section -100.0 To -18.74%



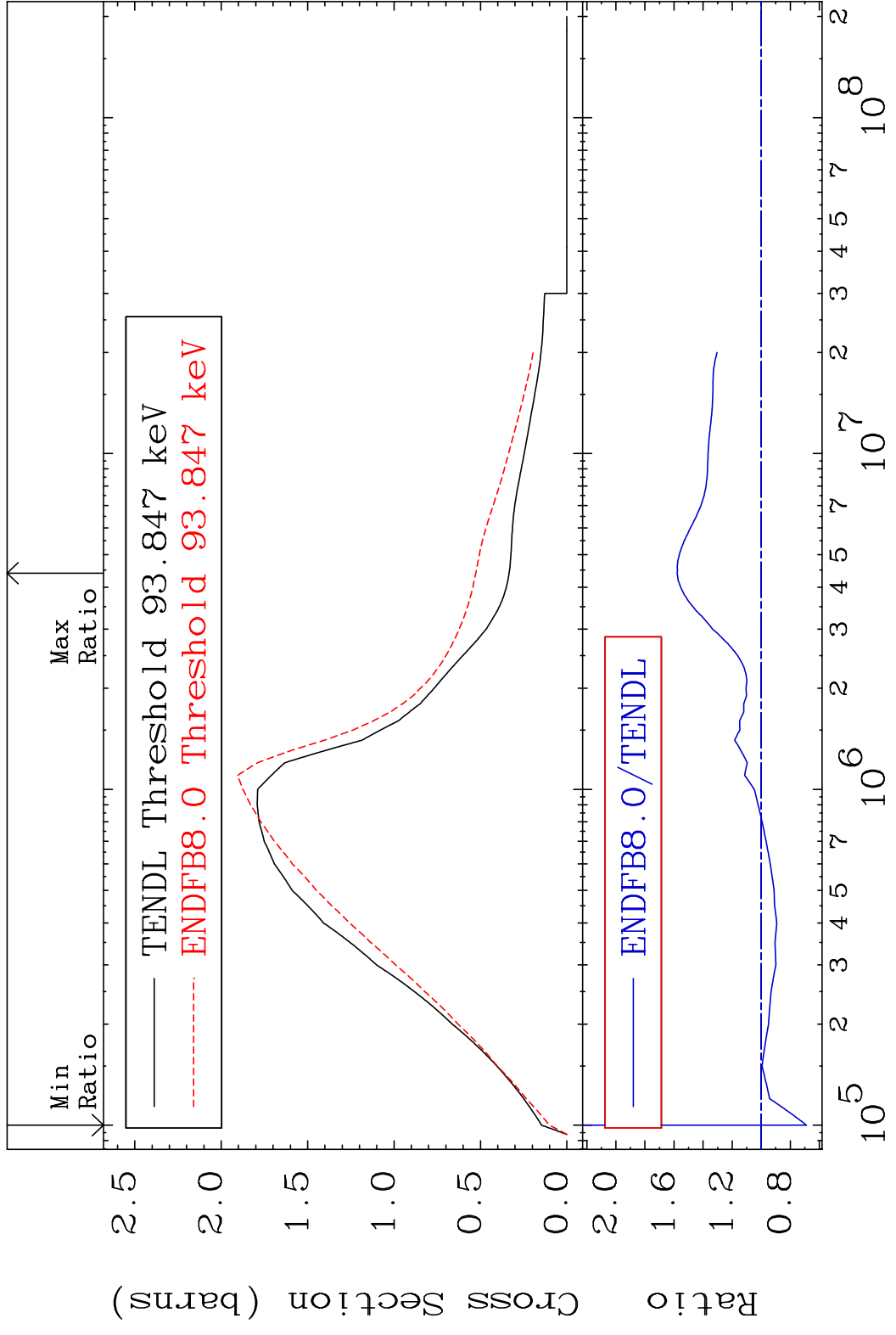
6 Incident Energy (eV) 72-Hf-180

MAT 7243 (n, n') p 72-Hf-180
 Cross Section -100.0 To 40.83 %



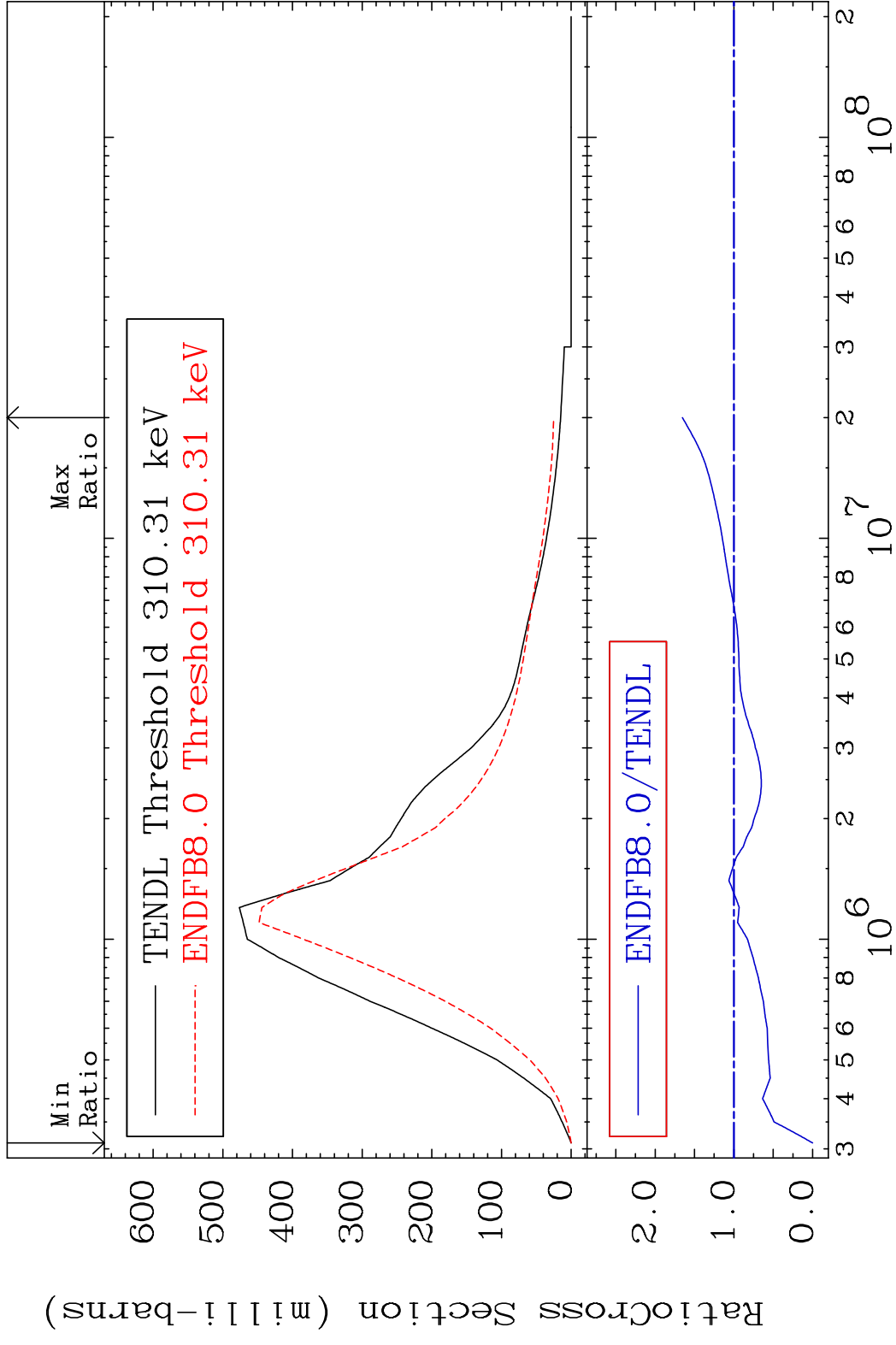
7 Incident Energy (eV) 72-Hf-180

MAT 7243 MT= 51 (n, n') Level 72-Hf-180
 Cross Section -31.07 To 57.83 %

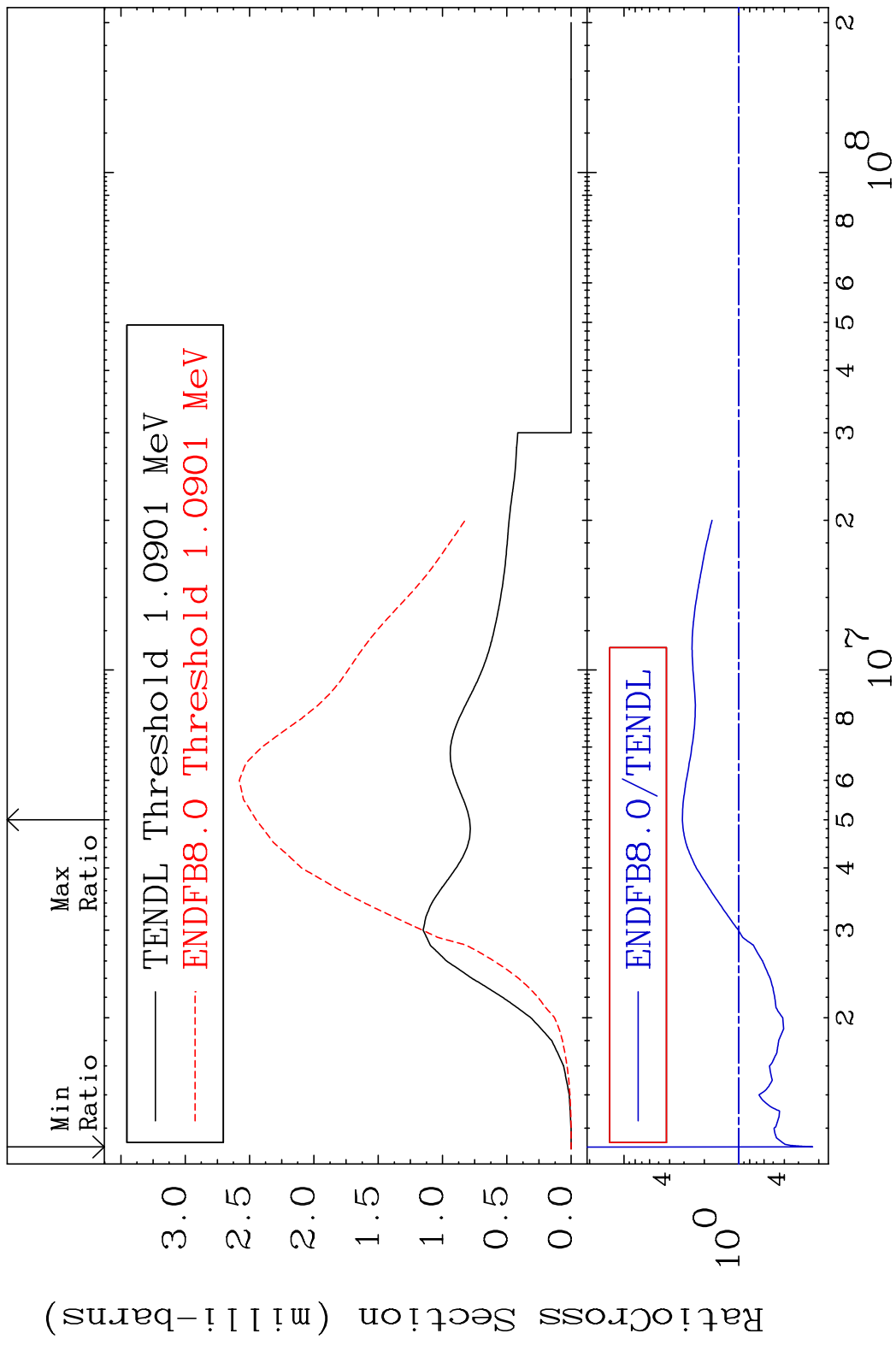


8 Incident Energy (eV) 72-Hf-180

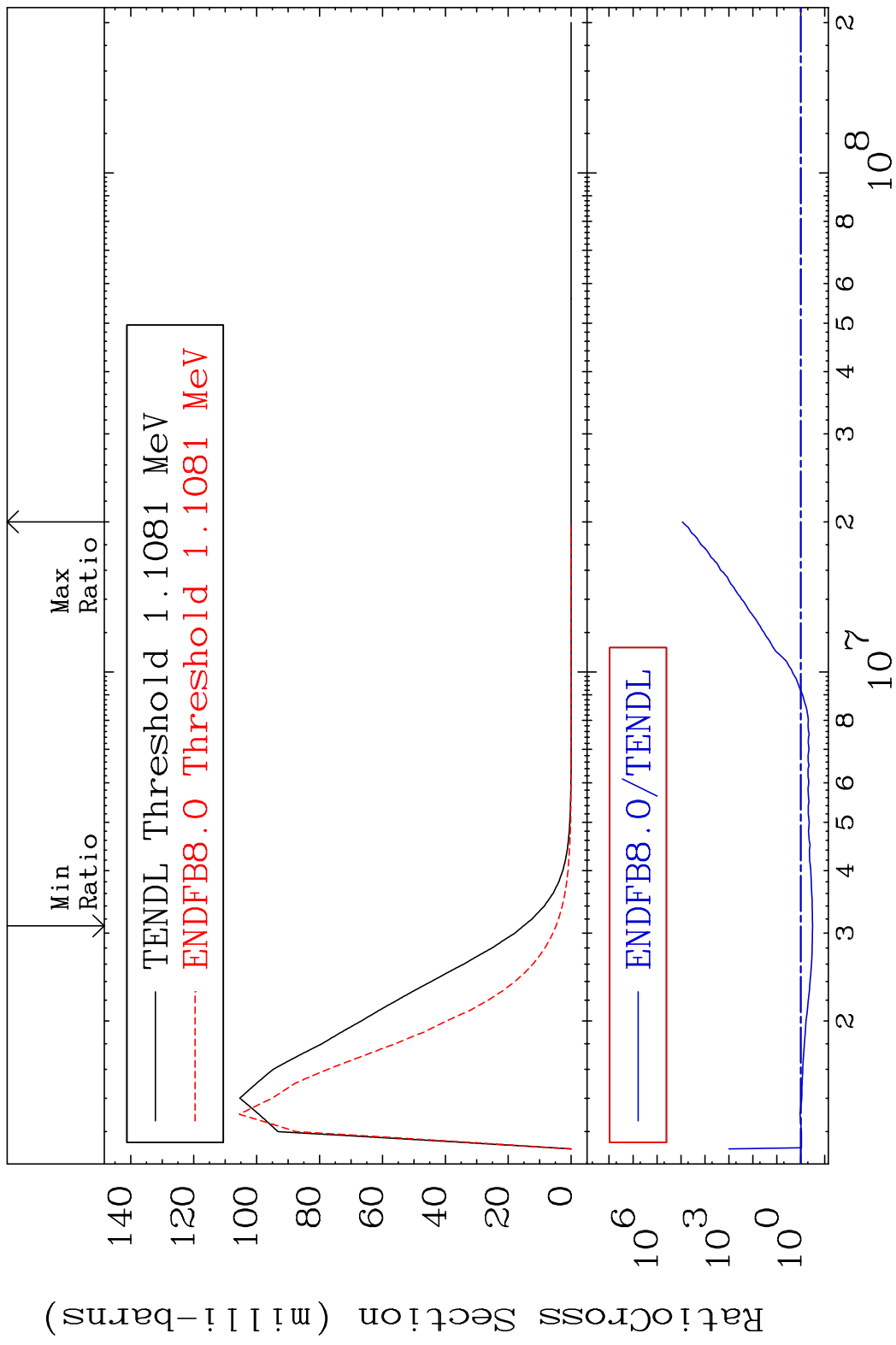
MAT 7243 MT= 52 (n, n') Level 72-Hf-180
 Cross Section -100.0 To 65.47 %



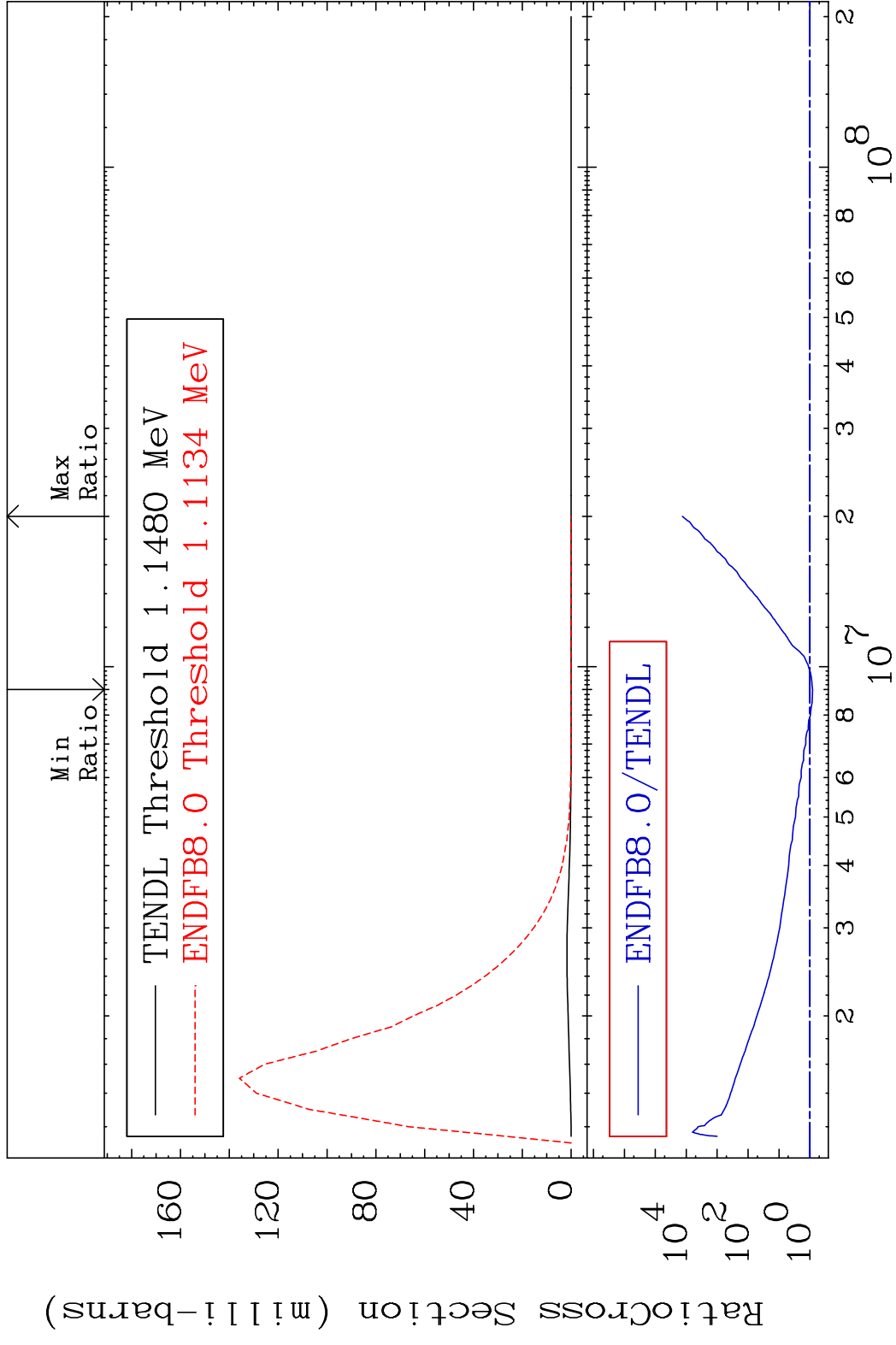
MAT 7243 MT= 54 (n, n') Level 72-Hf-180
 Cross Section -77.35 To 210.2 %



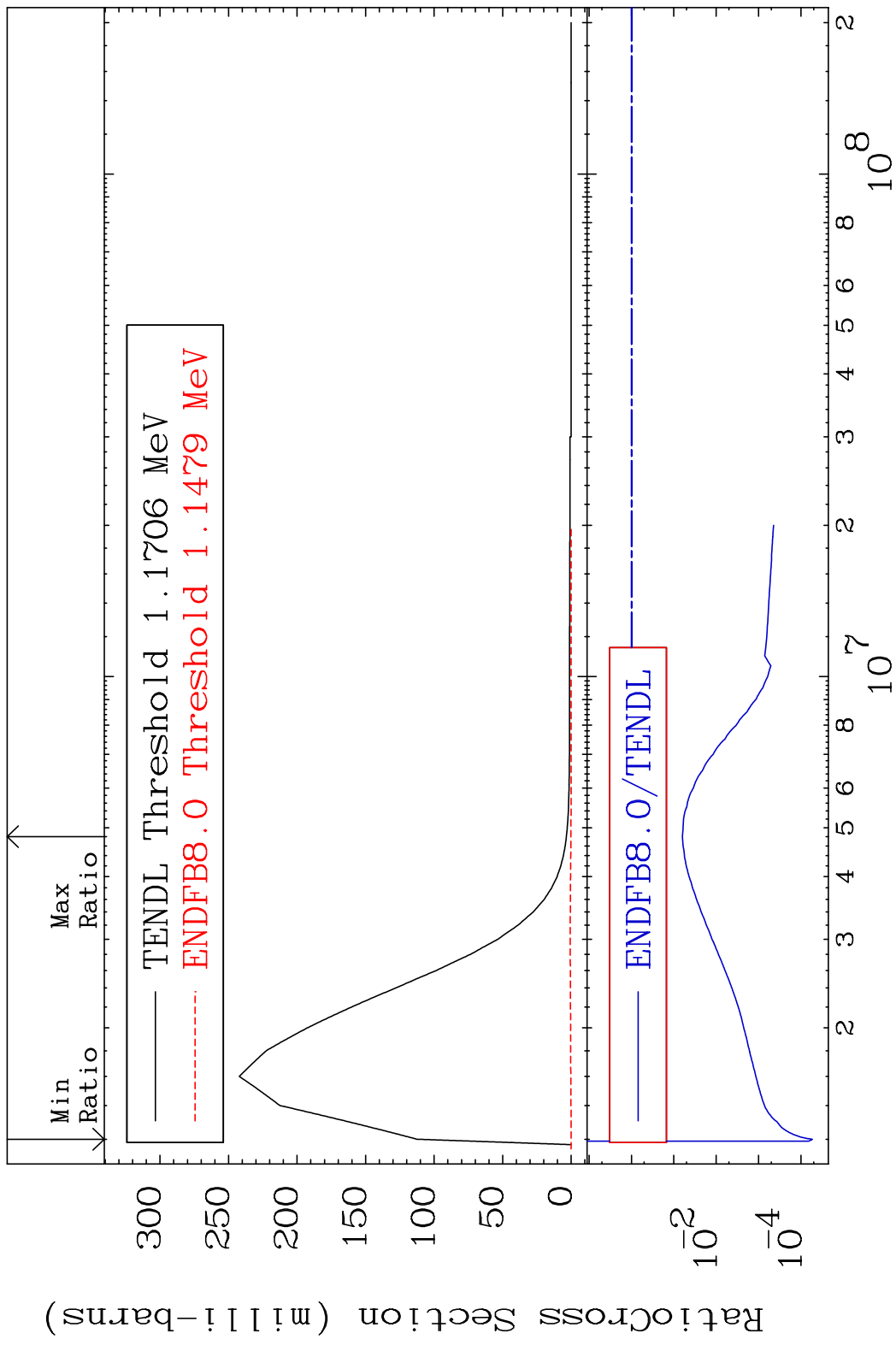
MAT 7243 MT= 55 (n, n') Level 72-Hf-180
 Cross Section -68.11 To 9999. %



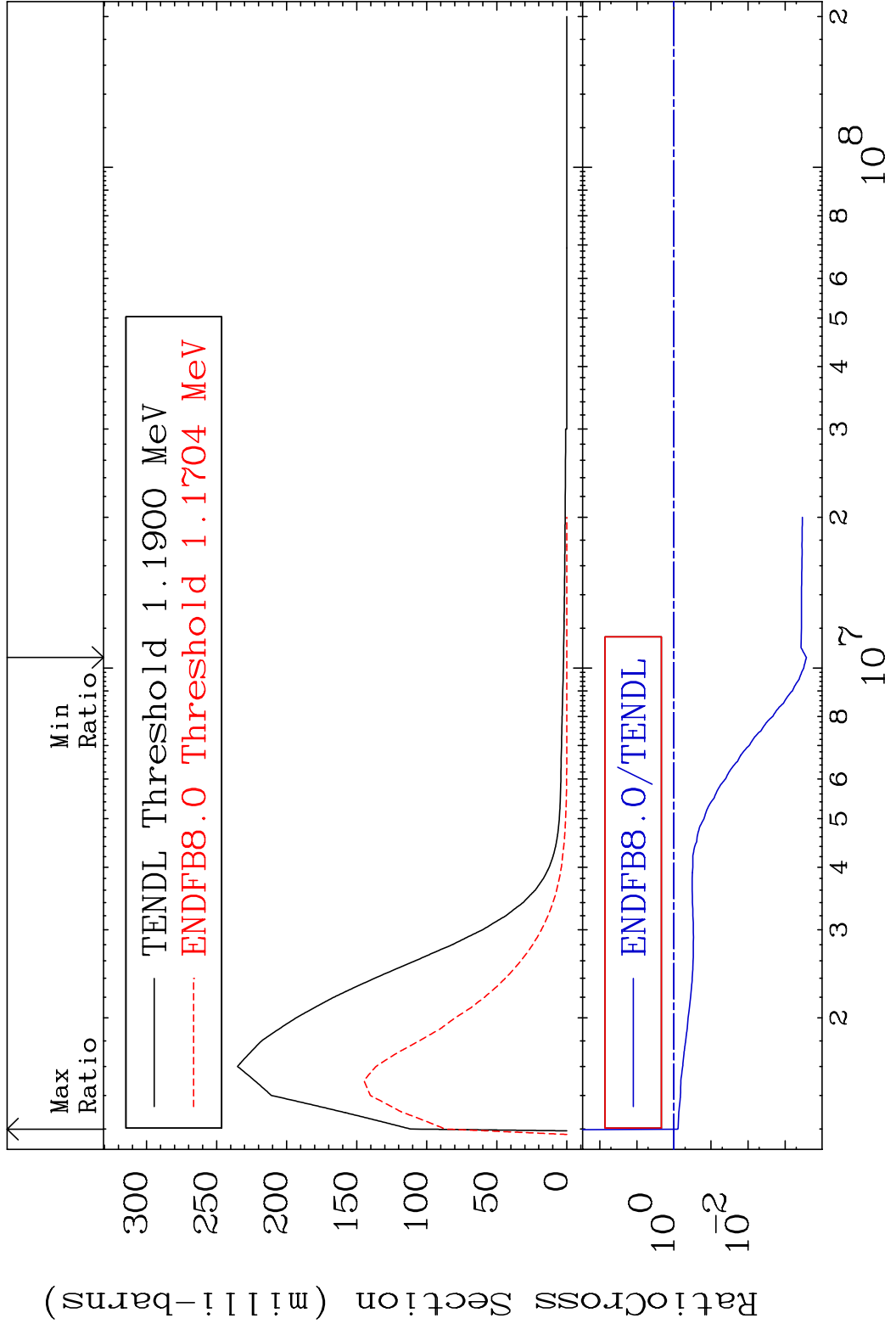
MAT 7243 MT= 56 (n,n') Level 72-Hf-180
 Cross Section -17.97 To 9999. %



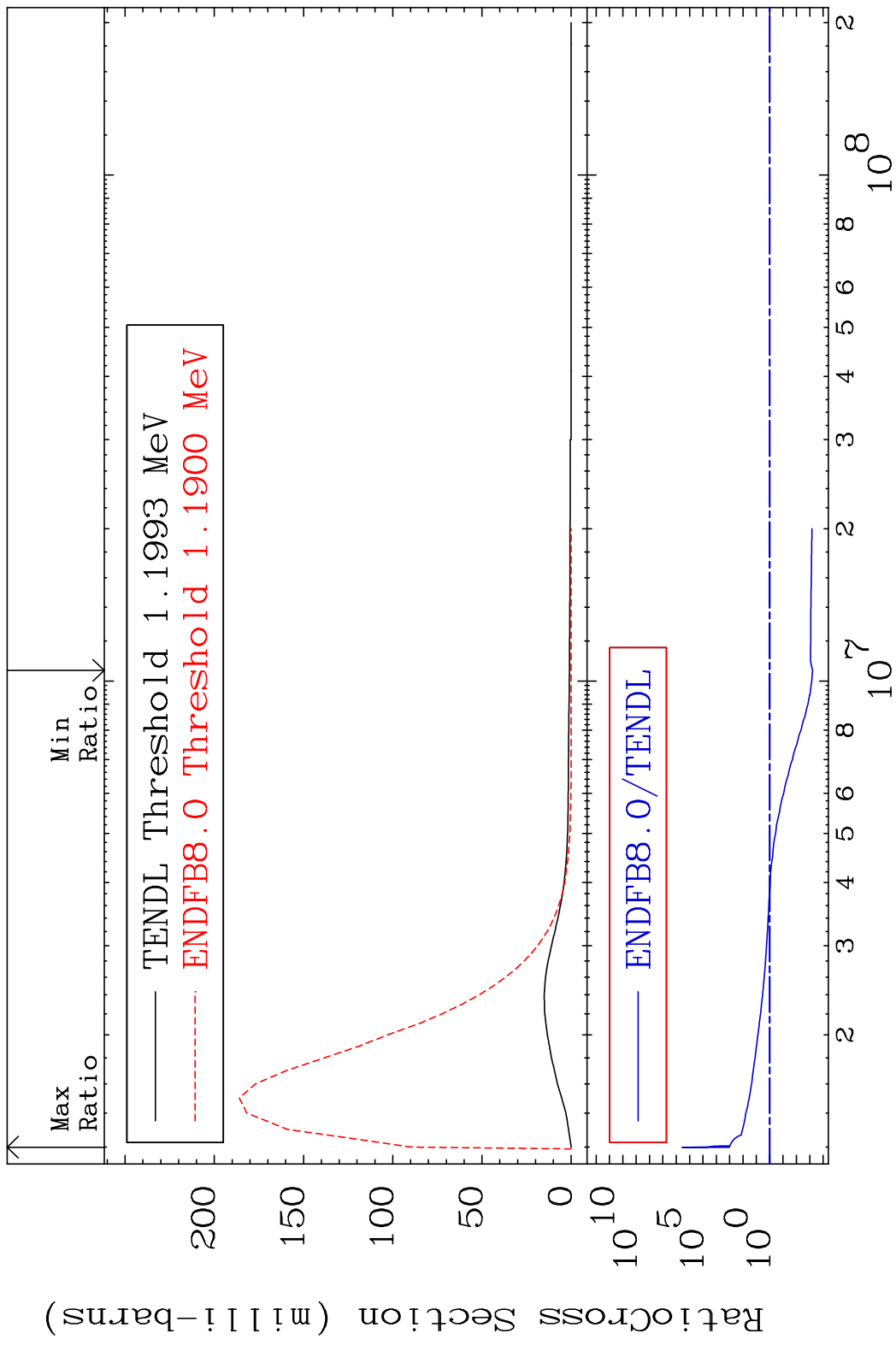
MAT 7243 MT= 57 (n, n') Level 72-Hf-180
 Cross Section -99.99 To -93.71%



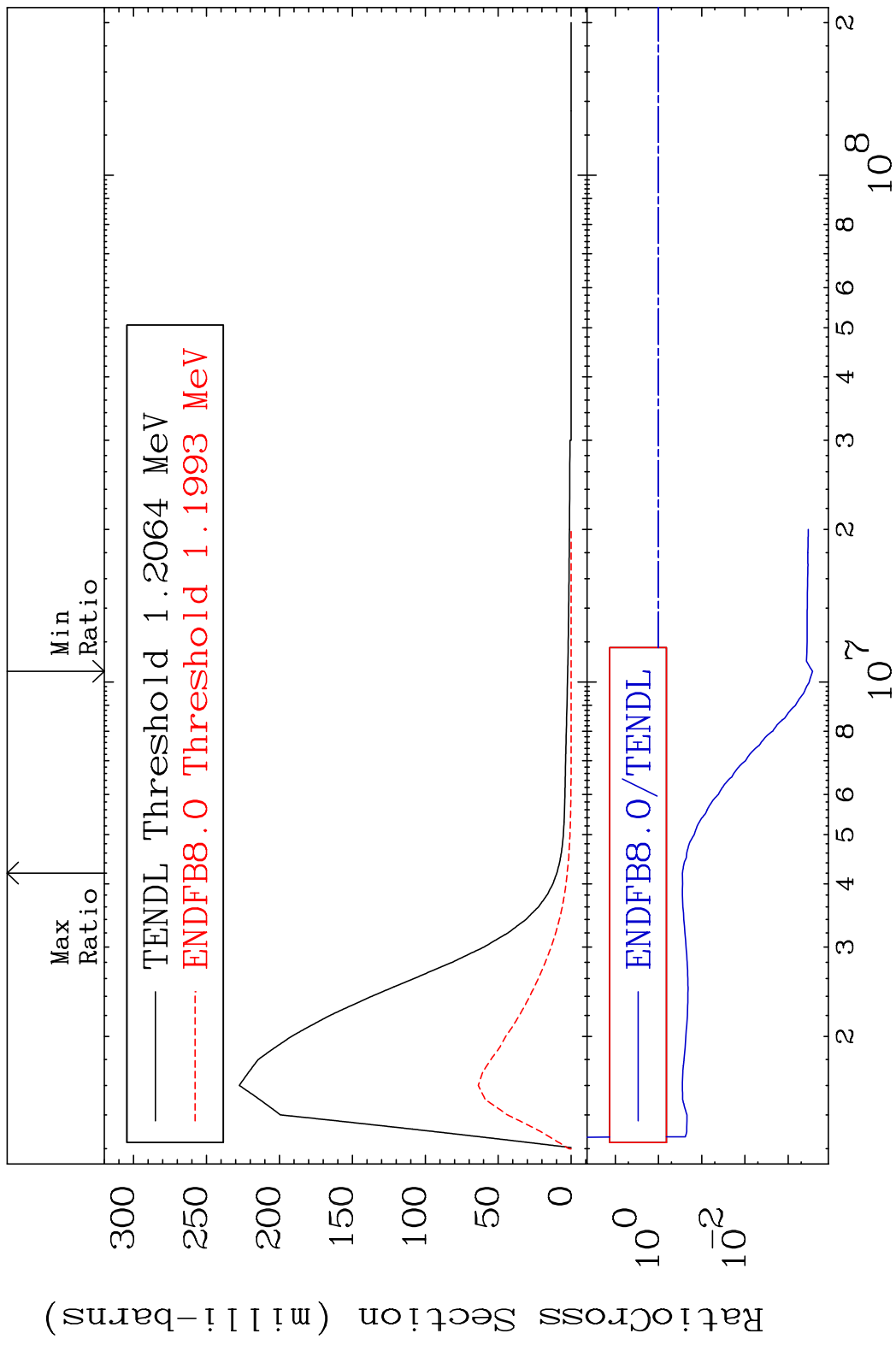
MAT 7243 MT= 58 (n, n') Level 72-Hf-180
 Cross Section -99.97 To -18.35%



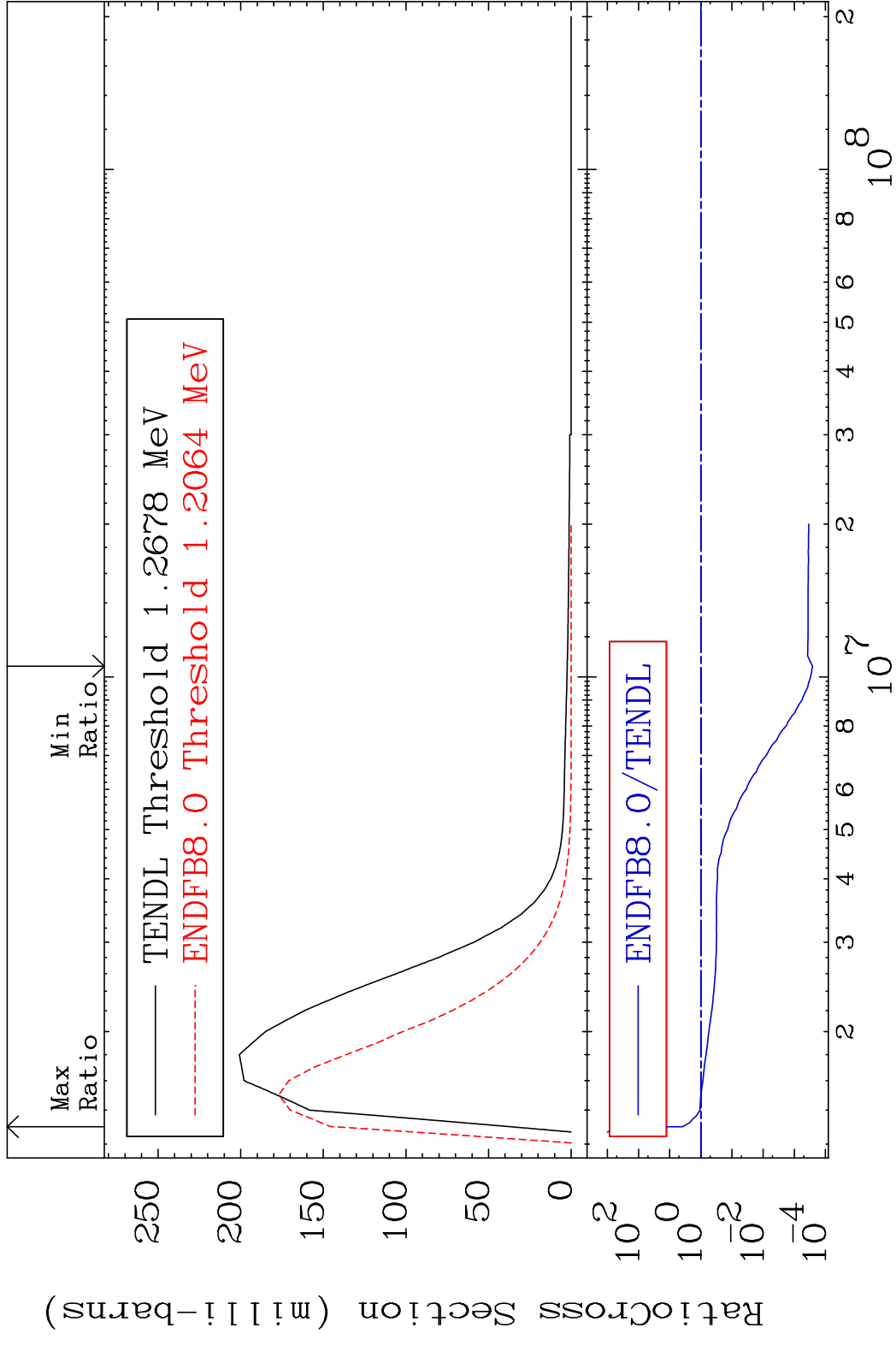
MAT 7243 MT= 59 (n,n') Level 72-Hf-180
 Cross Section -99.94 To 9999. %



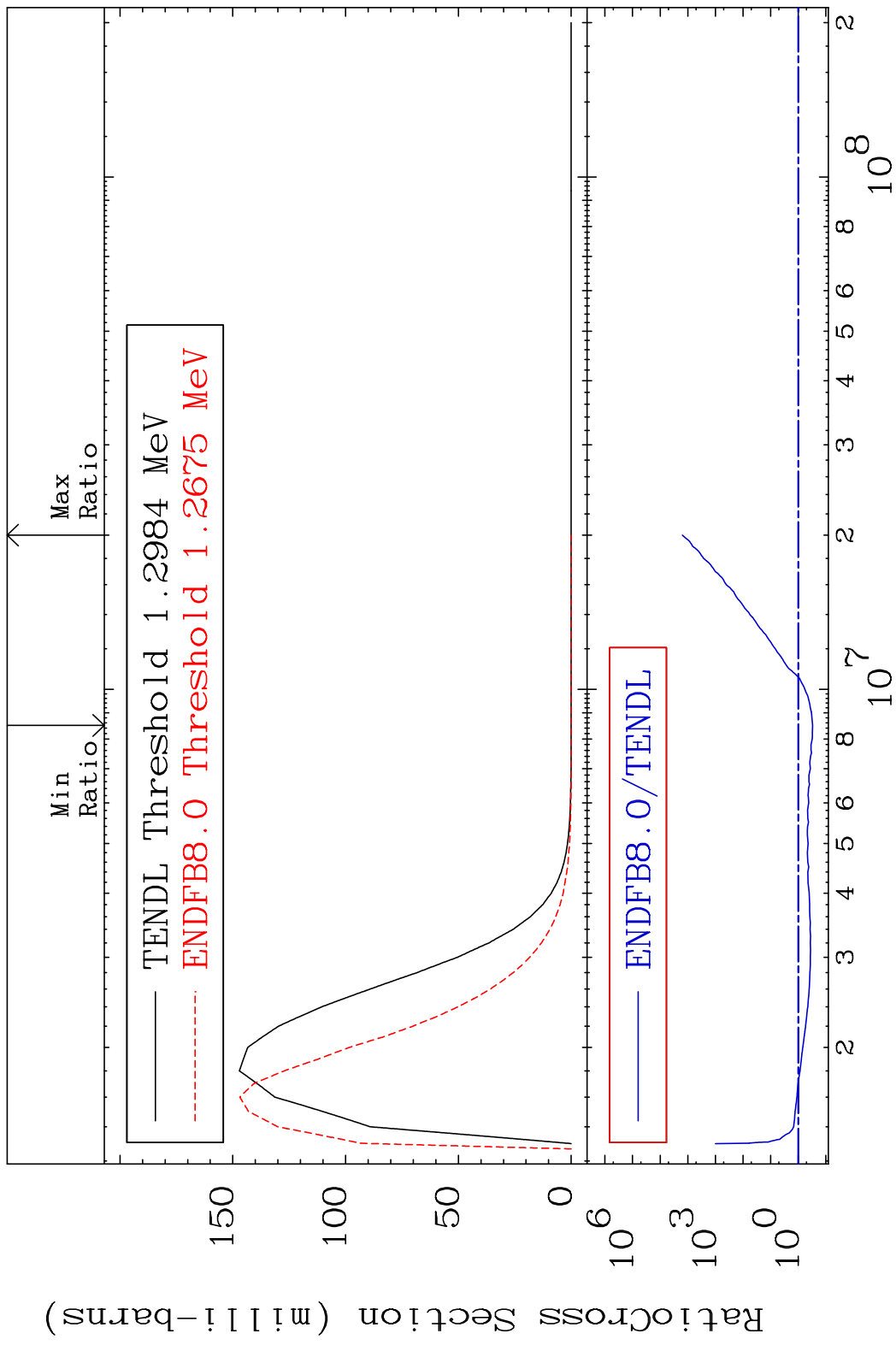
MAT 7243 MT= 60 (n, n') Level 72-Hf-180
 Cross Section -99.97 To -71.97%



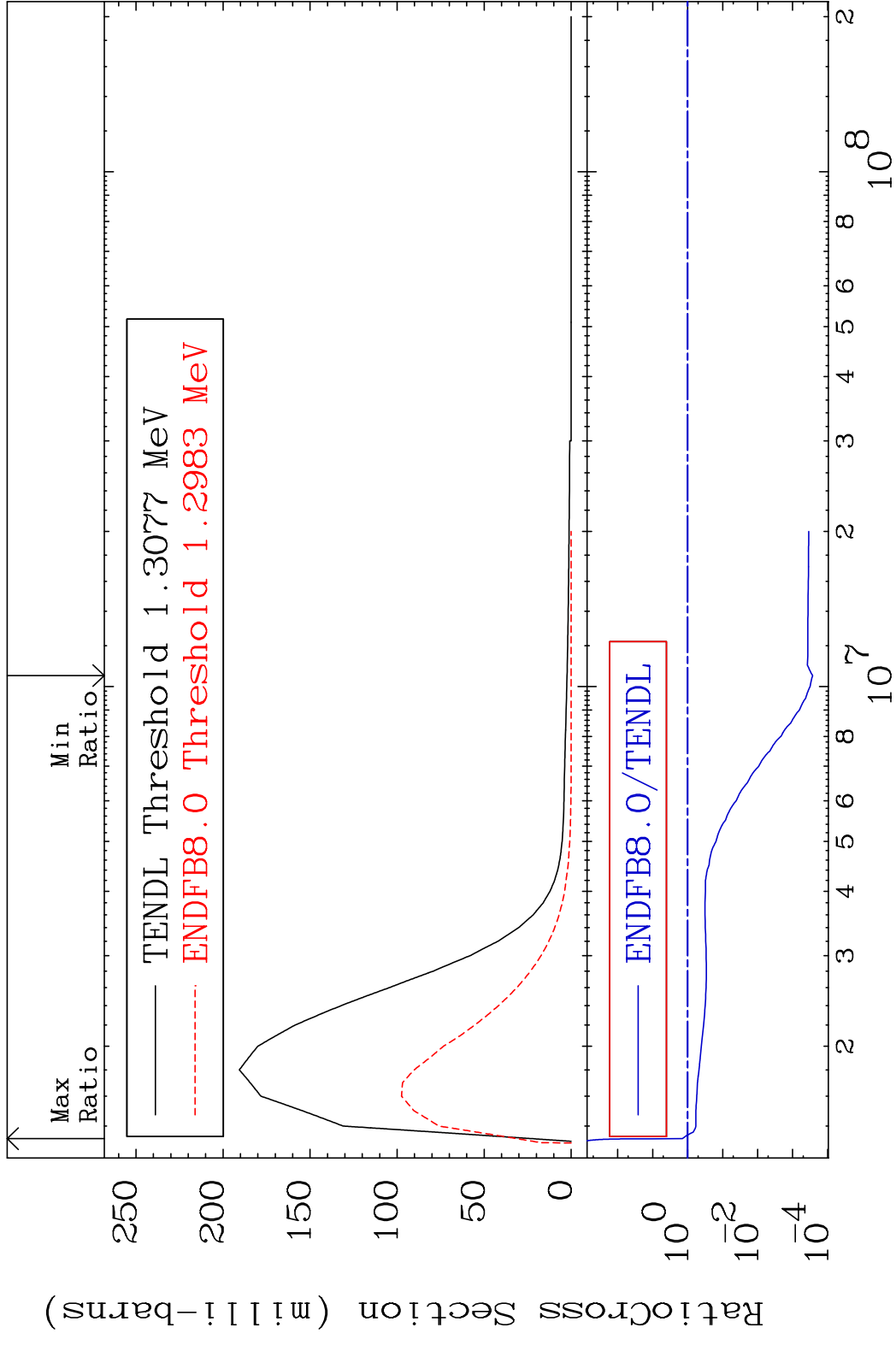
MAT 7243 MT= 61 (n,n') Level 72-Hf-180
 Cross Section -99.97 To 291.7 %



MAT 7243 MT= 62 (n, n') Level 72-Hf-180
 Cross Section -69.67 To 9999. %

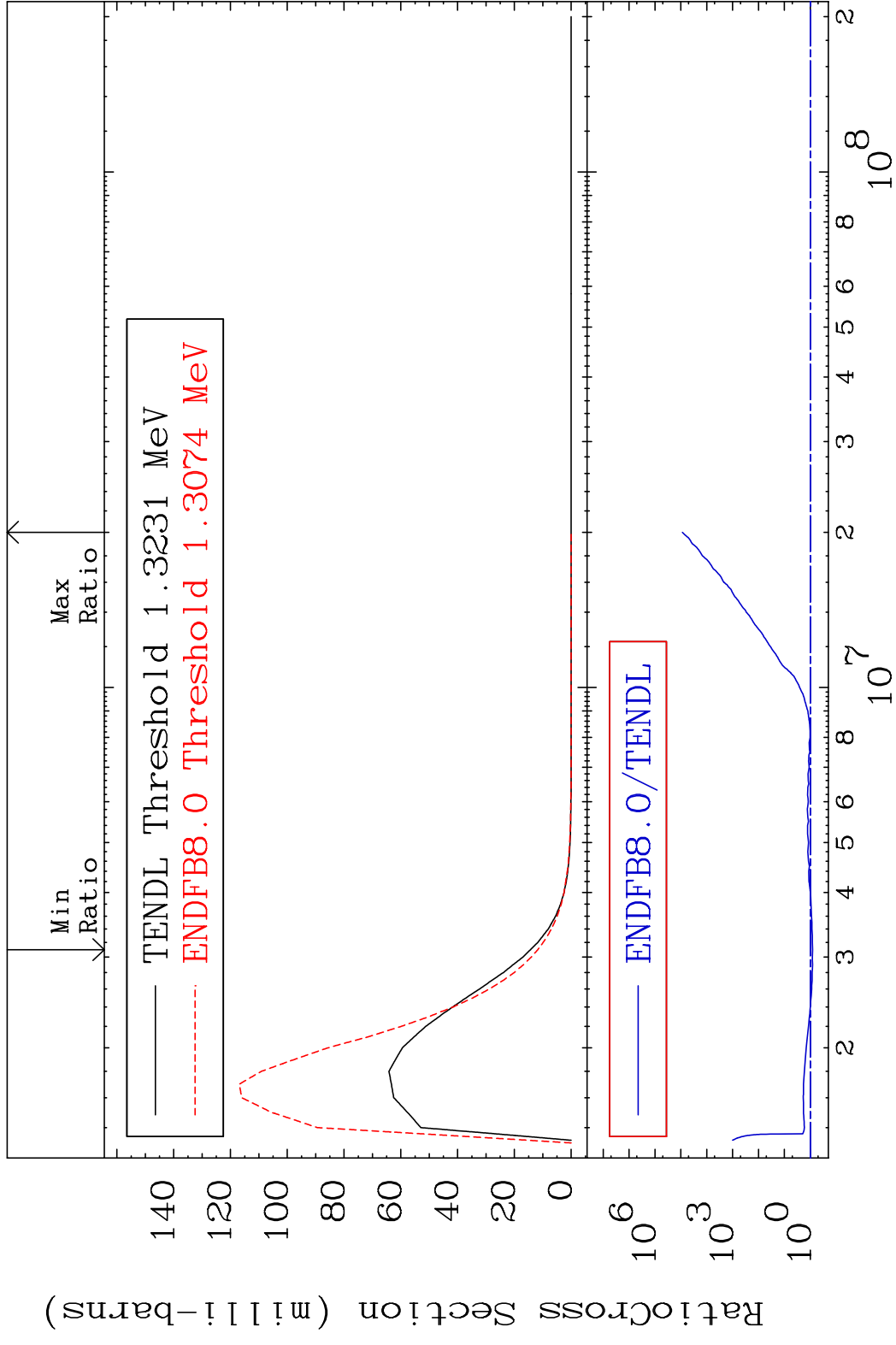


MAT 7243 MT= 63 (n, n') Level 72-Hf-180
 Cross Section -99.97 To 41.75 %

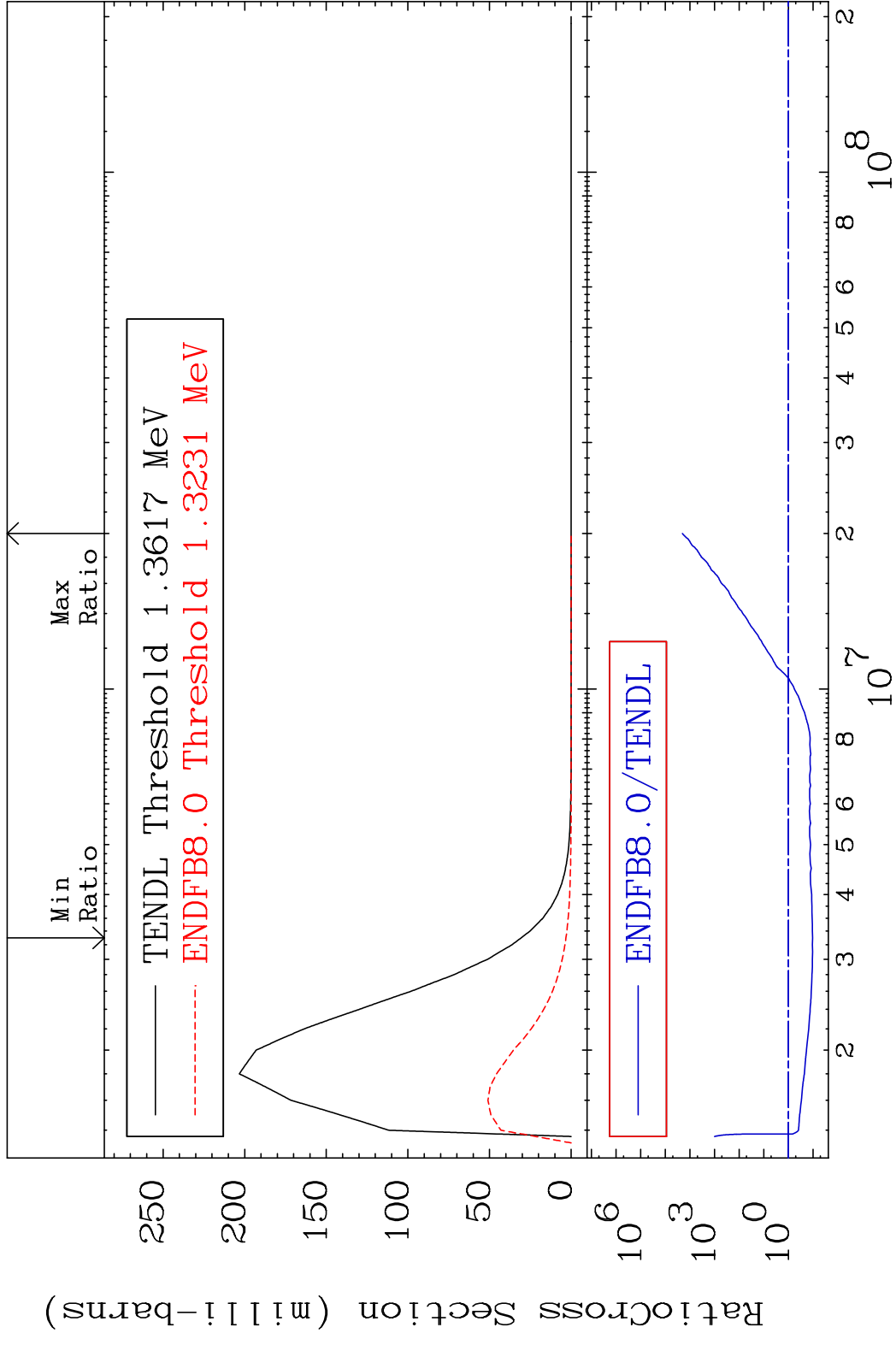


20 Incident Energy (eV) 72-Hf-180

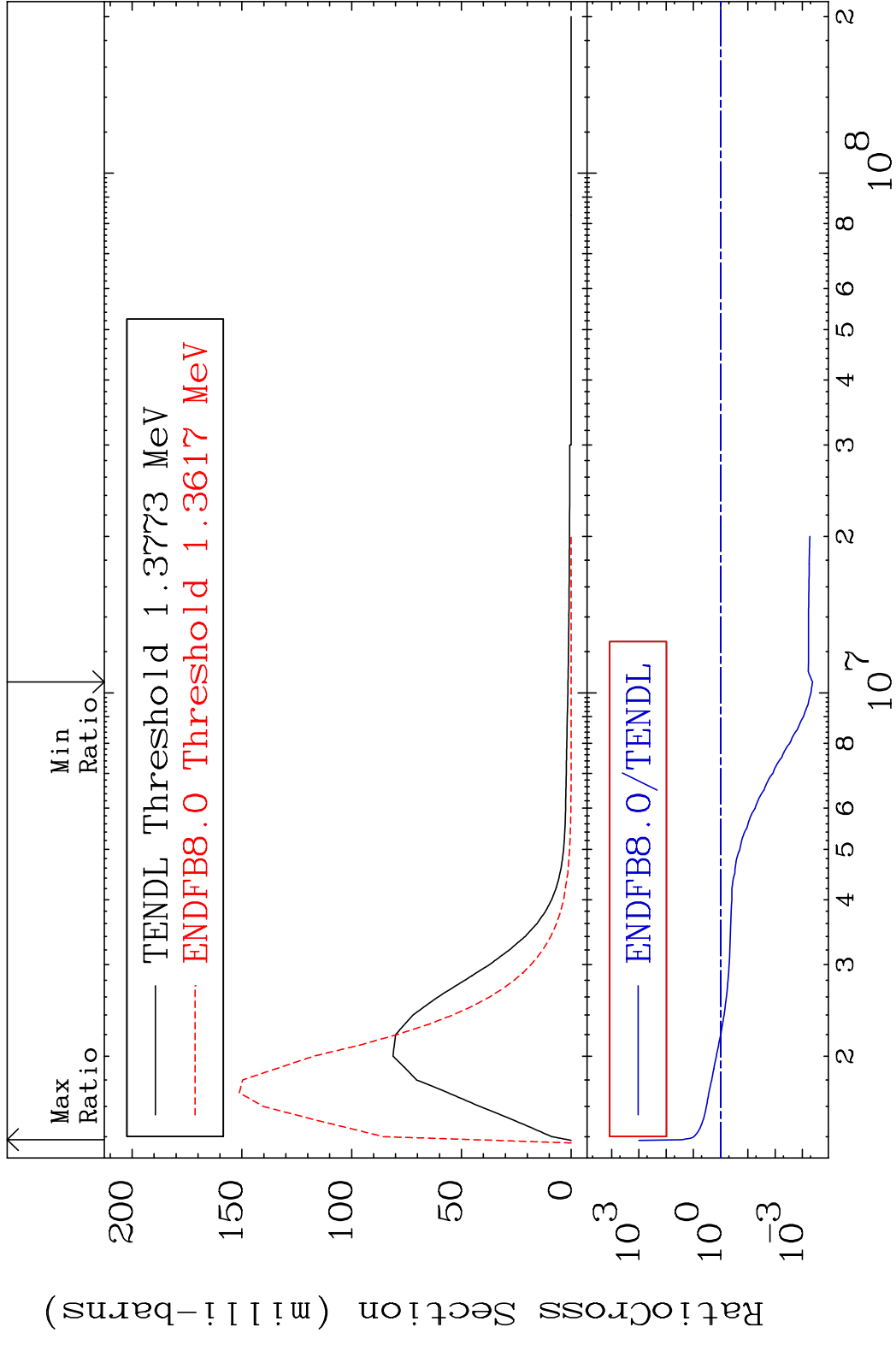
MAT 7243 MT= 64 (n, n') Level 72-Hf-180
 Cross Section -18.06 To 9999. %



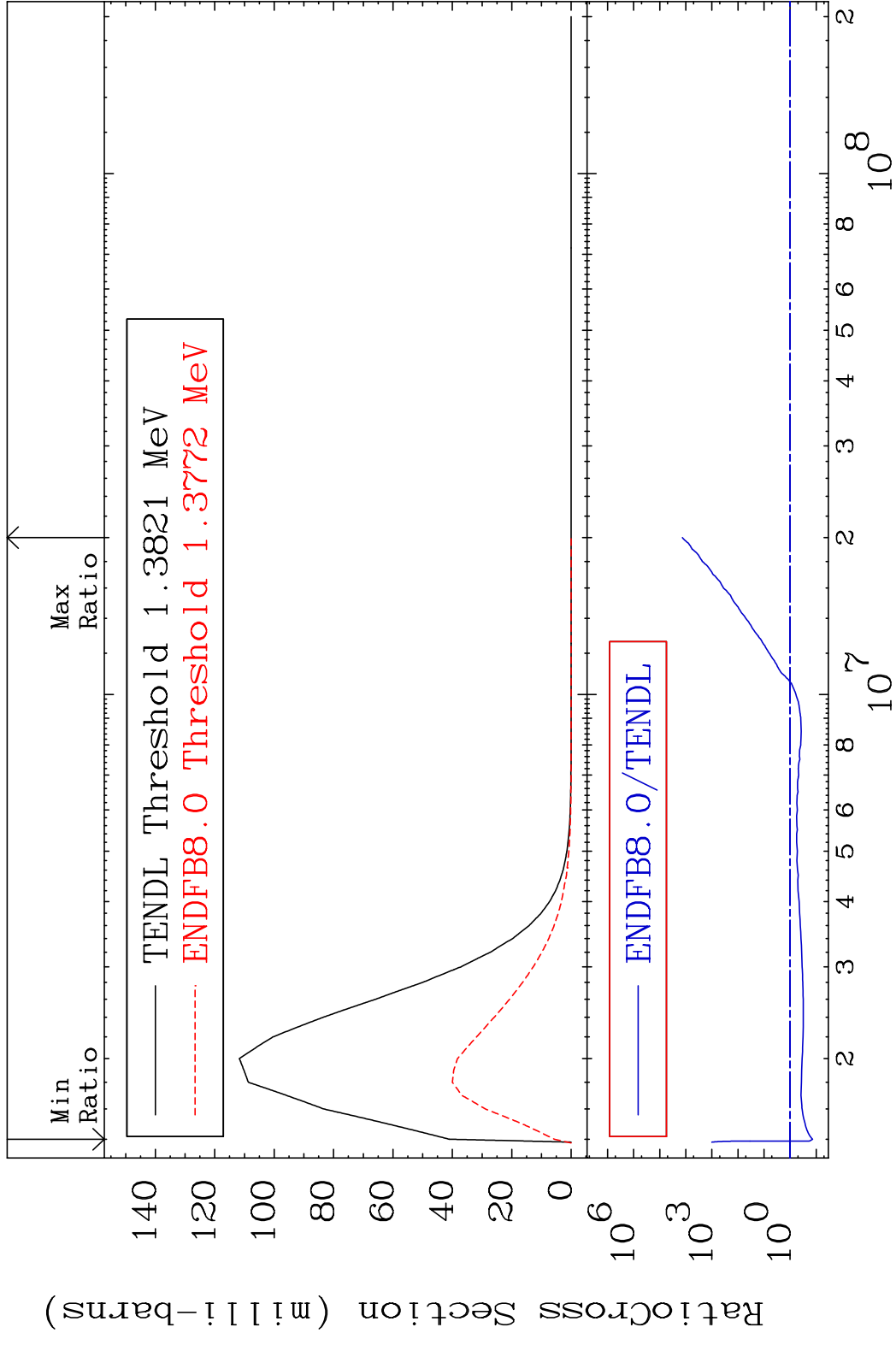
MAT 7243 MT= 65 (n, n') Level 72-Hf-180
 Cross Section -89.60 To 9999. %



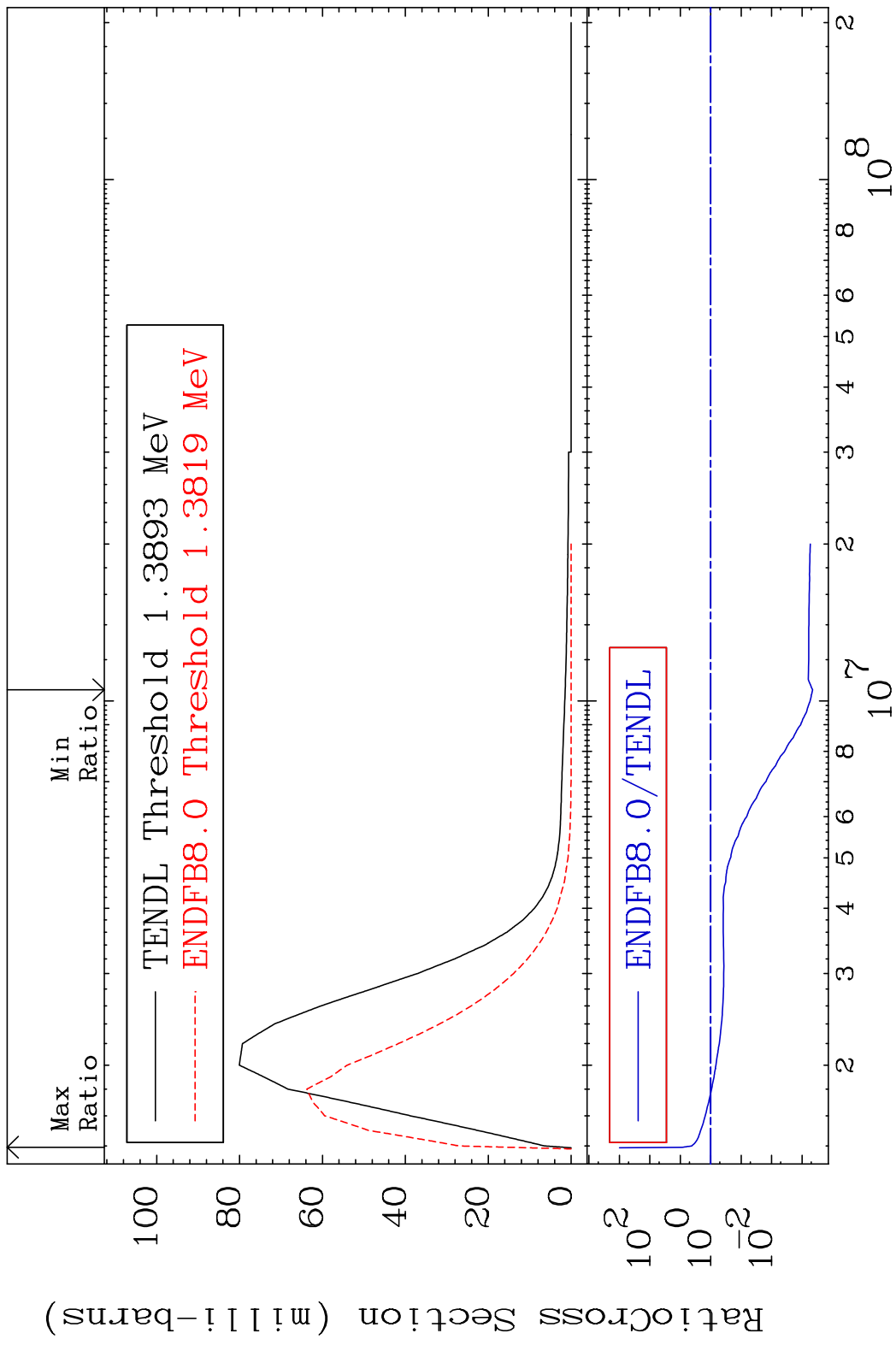
MAT 7243 MT= 66 (n,n') Level 72-Hf-180
 Cross Section -99.96 To 2442. %



MAT 7243 MT= 67 (n, n') Level 72-Hf-180
 Cross Section -86.25 To 9999. %



MAT 7243 MT= 68 (n, n') Level 72-Hf-180
 Cross Section -99.95 To 756.1 %

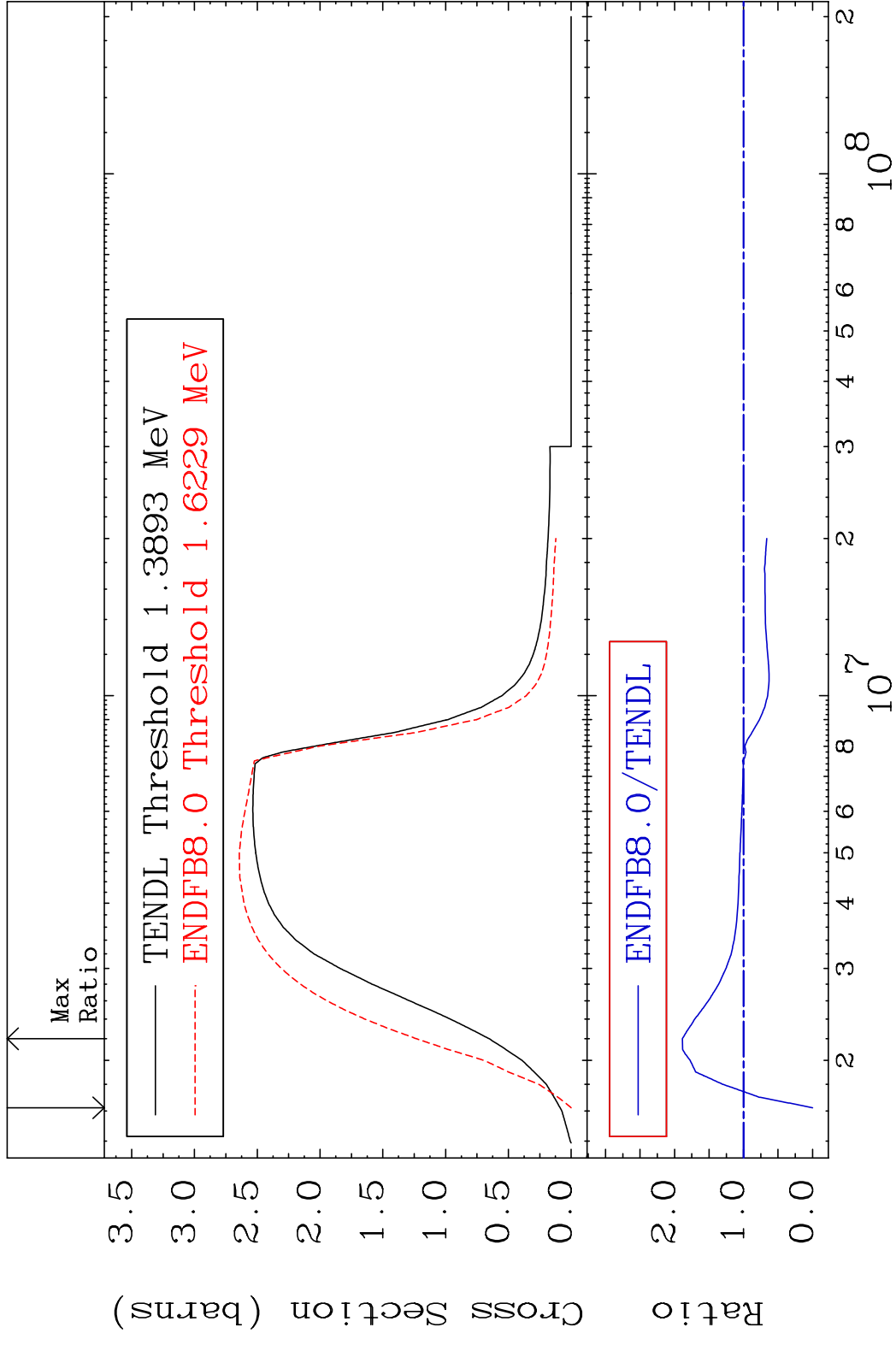


MAT 7243

(n, n') Continuum

72-Hf-180

Cross Section -100.0 To 88.68 %

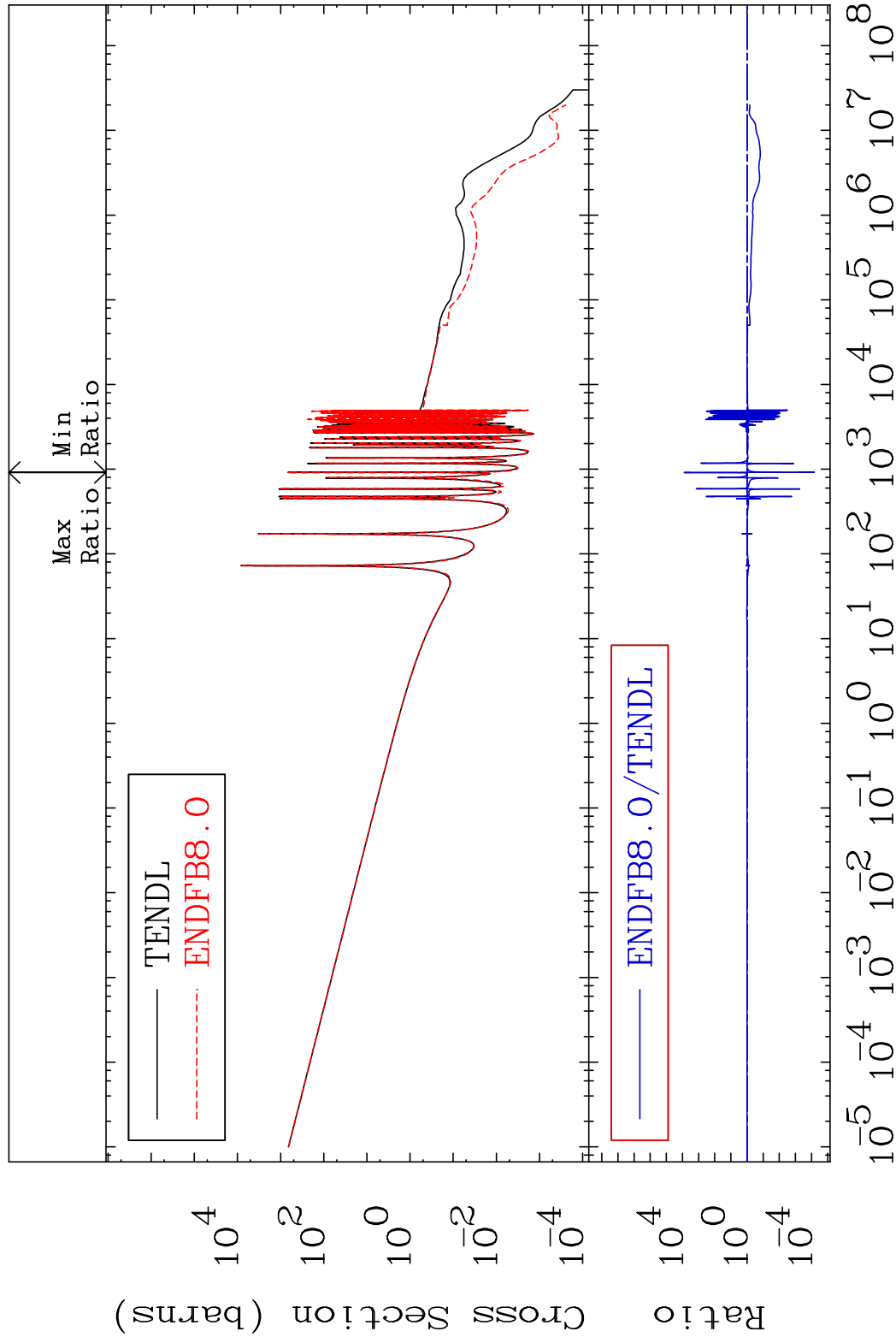


MAT 7243

(n, γ)

72-Hf-180

Cross Section -99.99 To 9999. %



27

Incident Energy (eV)

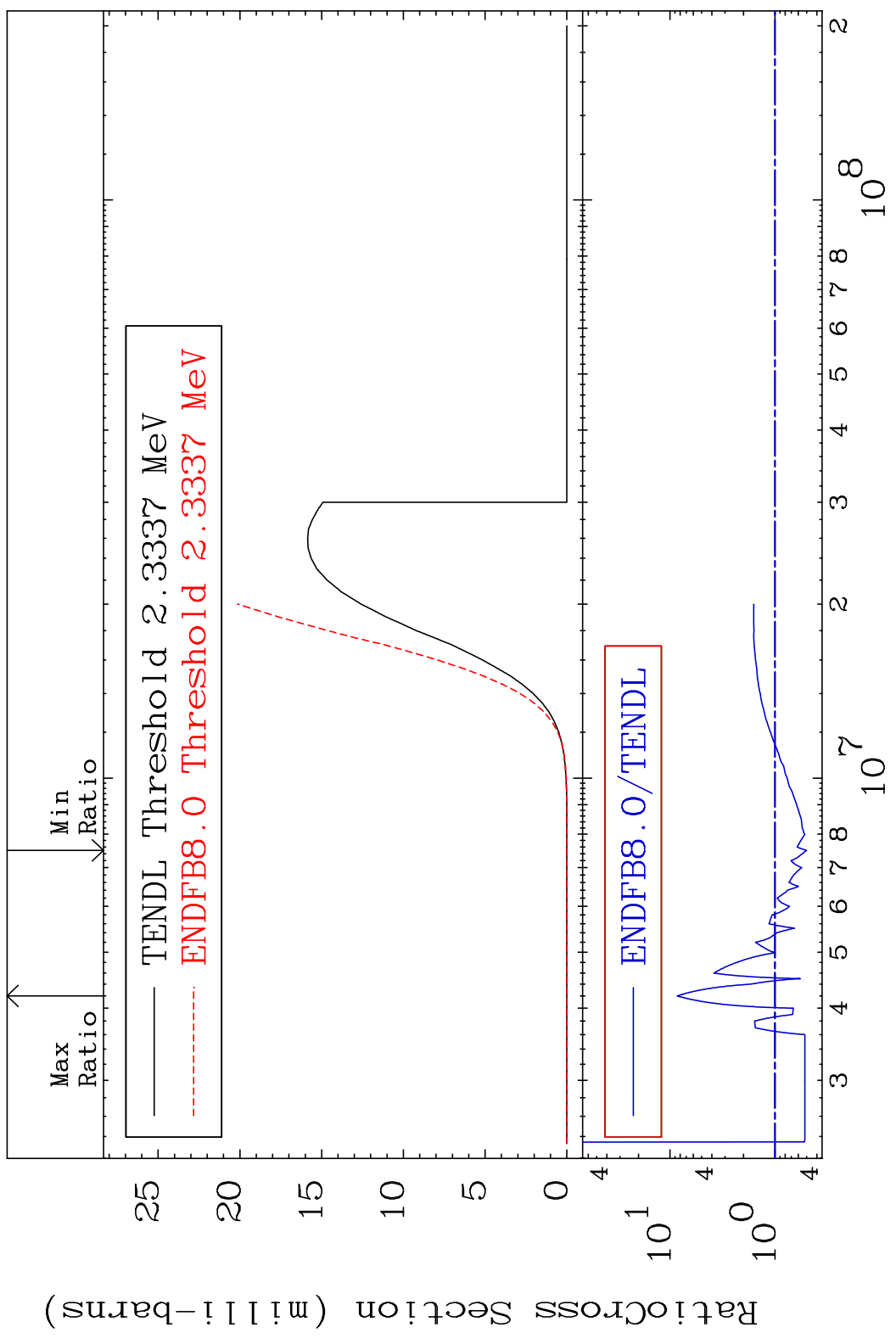
72-Hf-180

MAT 7243

(n, p)

72-Hf-180

Cross Section -49.66 To 755.6 %

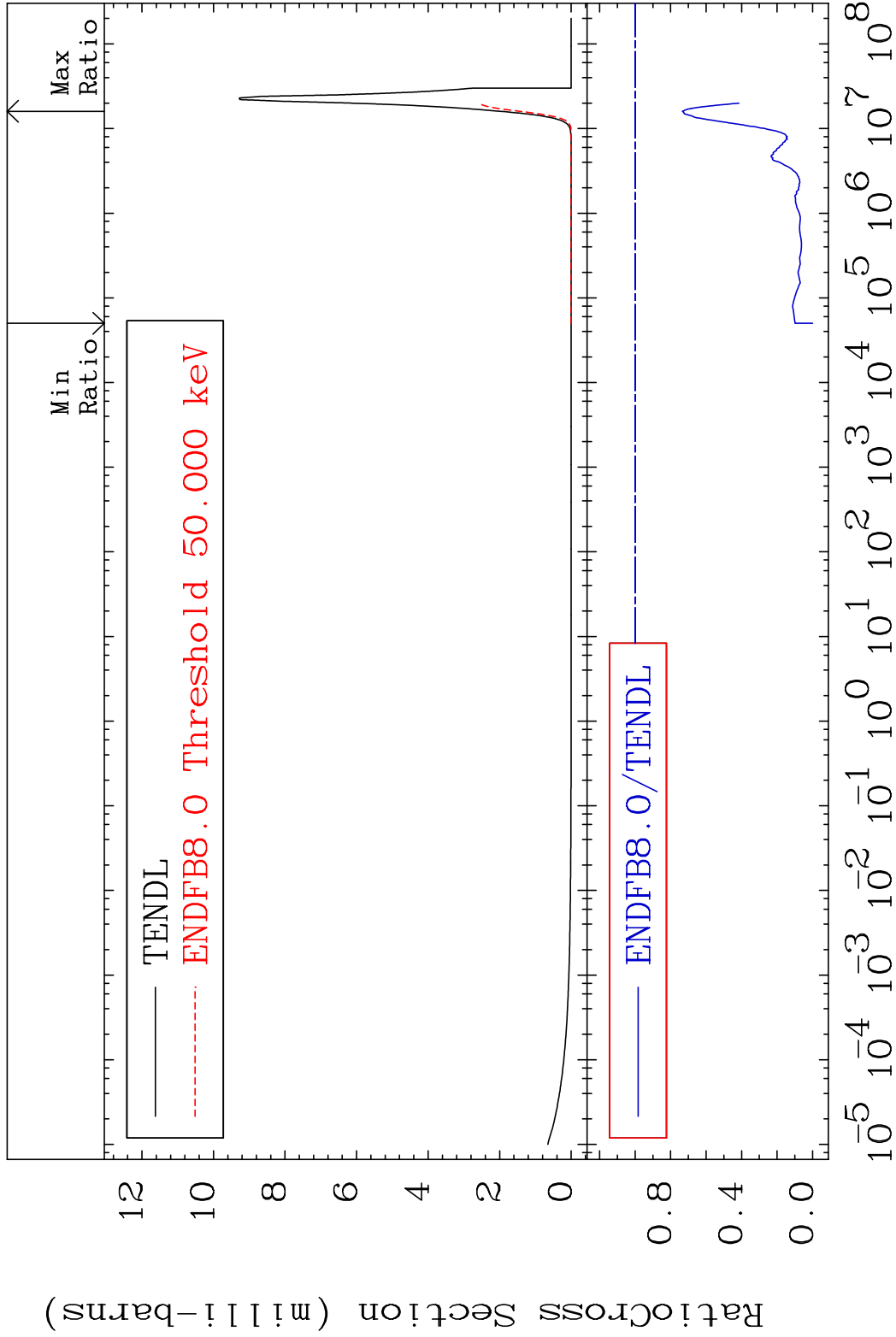


MAT 7243

(n, α)

72-Hf-180

Cross Section -100.0 To -26.62%



29

Incident Energy (eV)

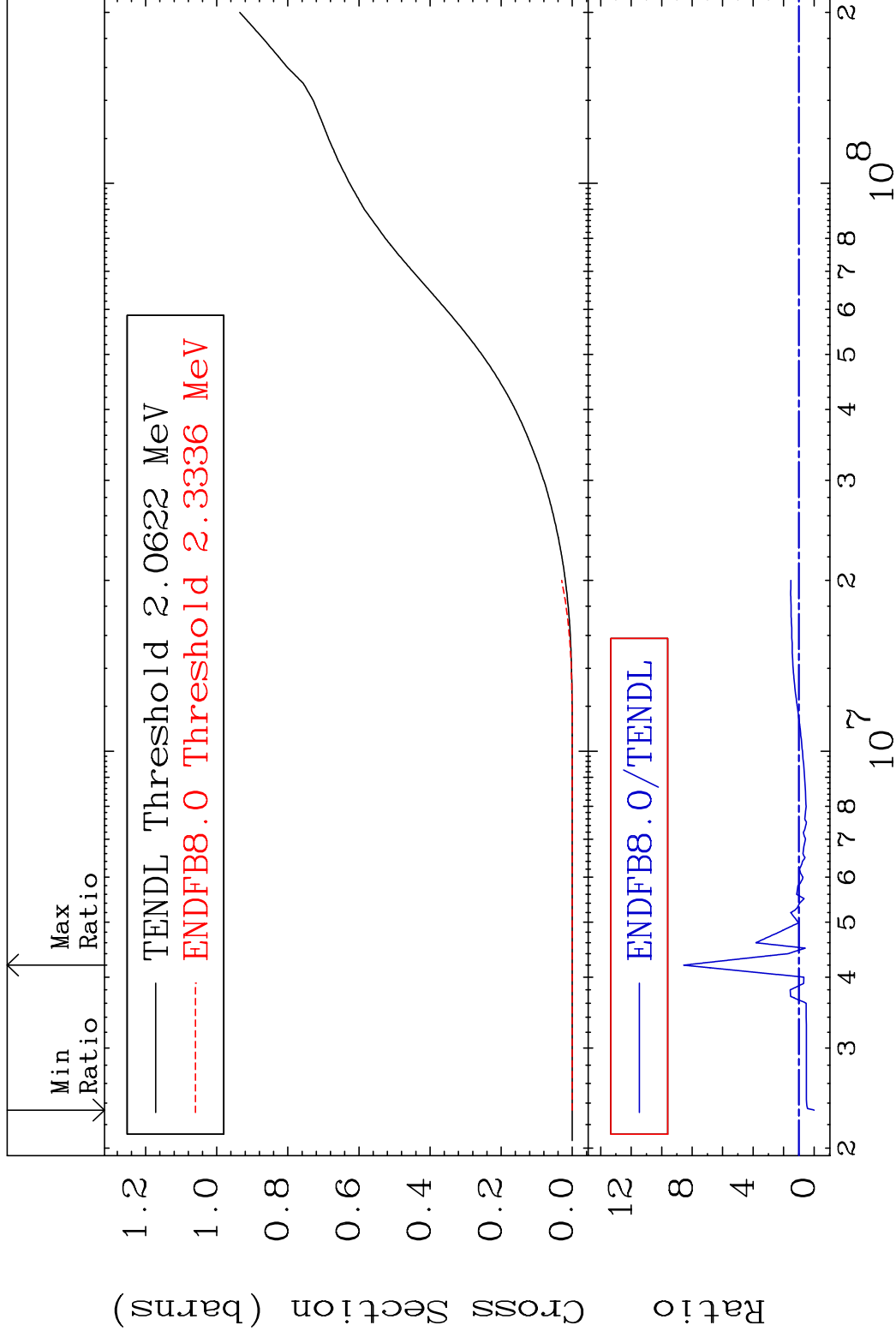
72-Hf-180

MAT 7243

Hydrogen Production

72-Hf-180

Cross Section -100.0 To 755.6 %



30

Incident Energy (eV)

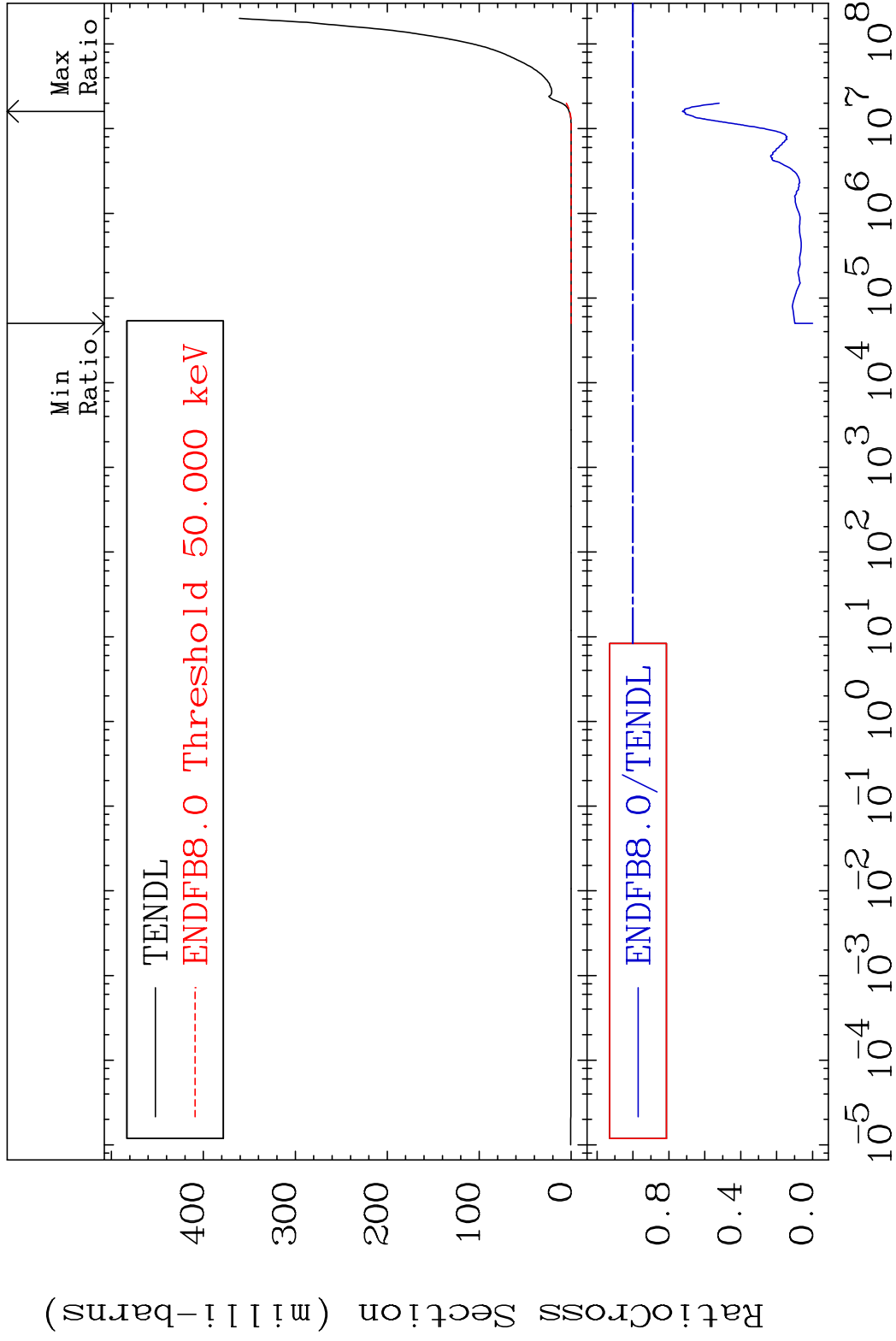
72-Hf-180

MAT 7243

He-4 Production

72-Hf-180

Cross Section -100.0 To -27.51%

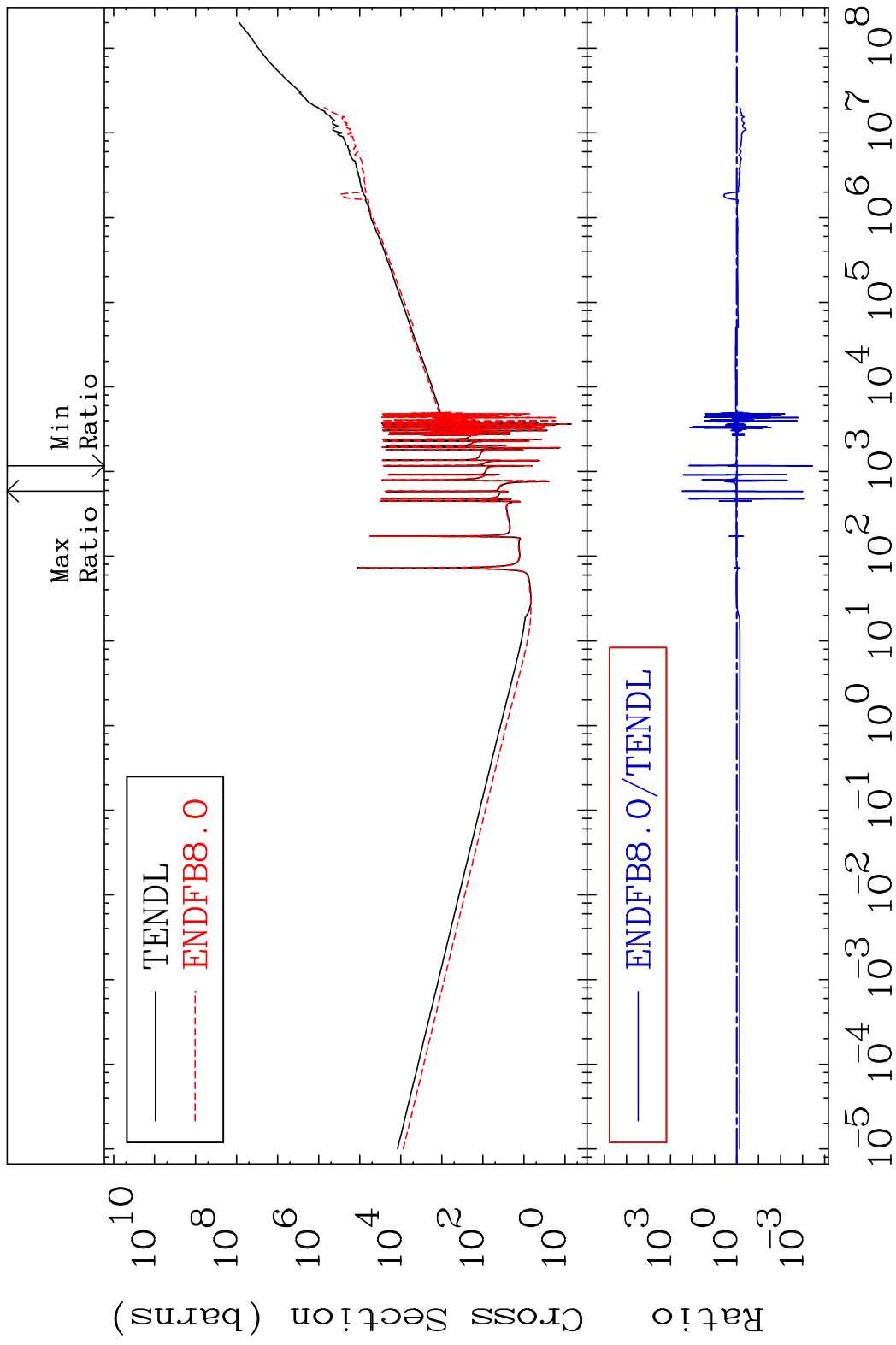


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Incident Energy (eV)

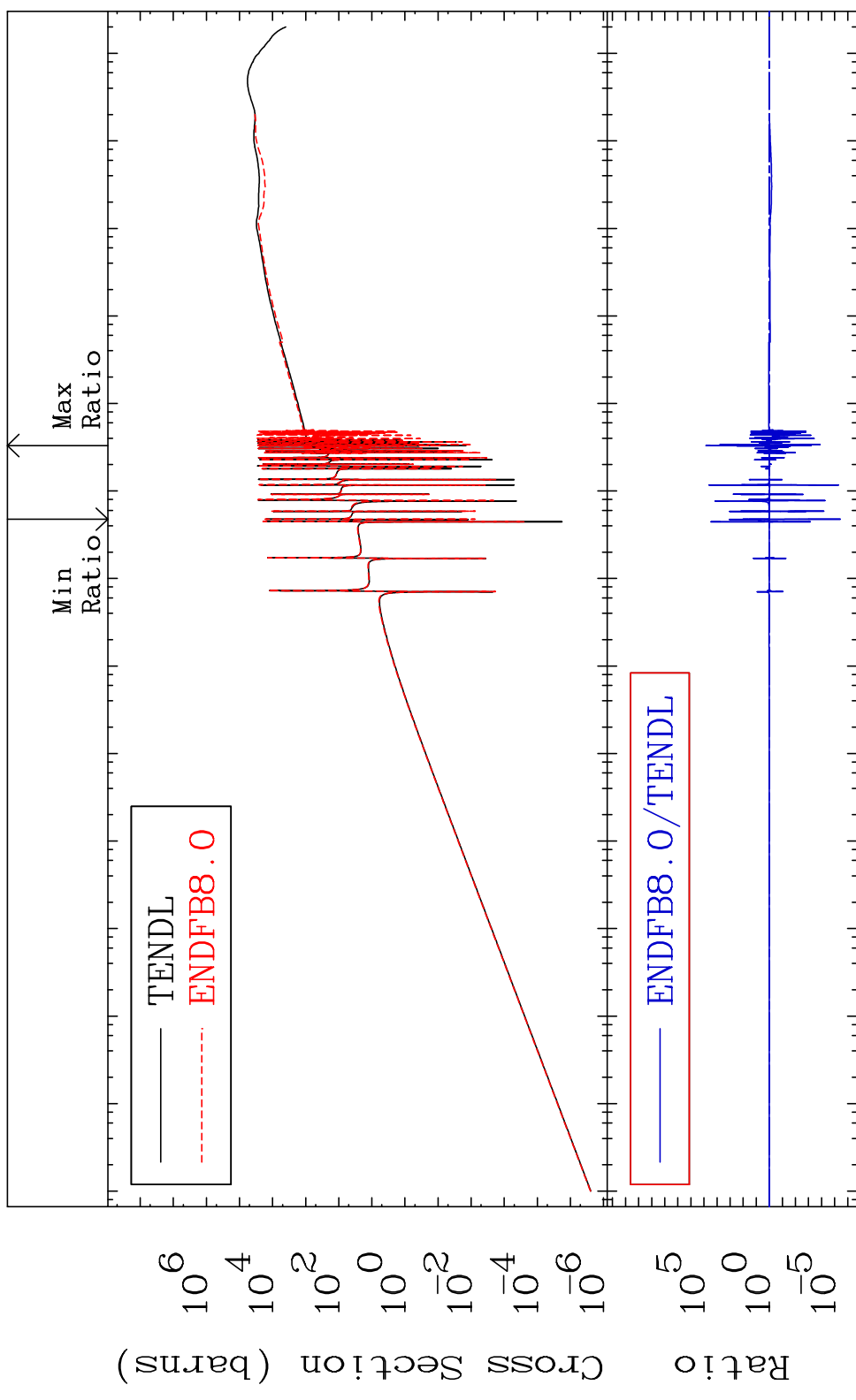
72-Hf-180

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

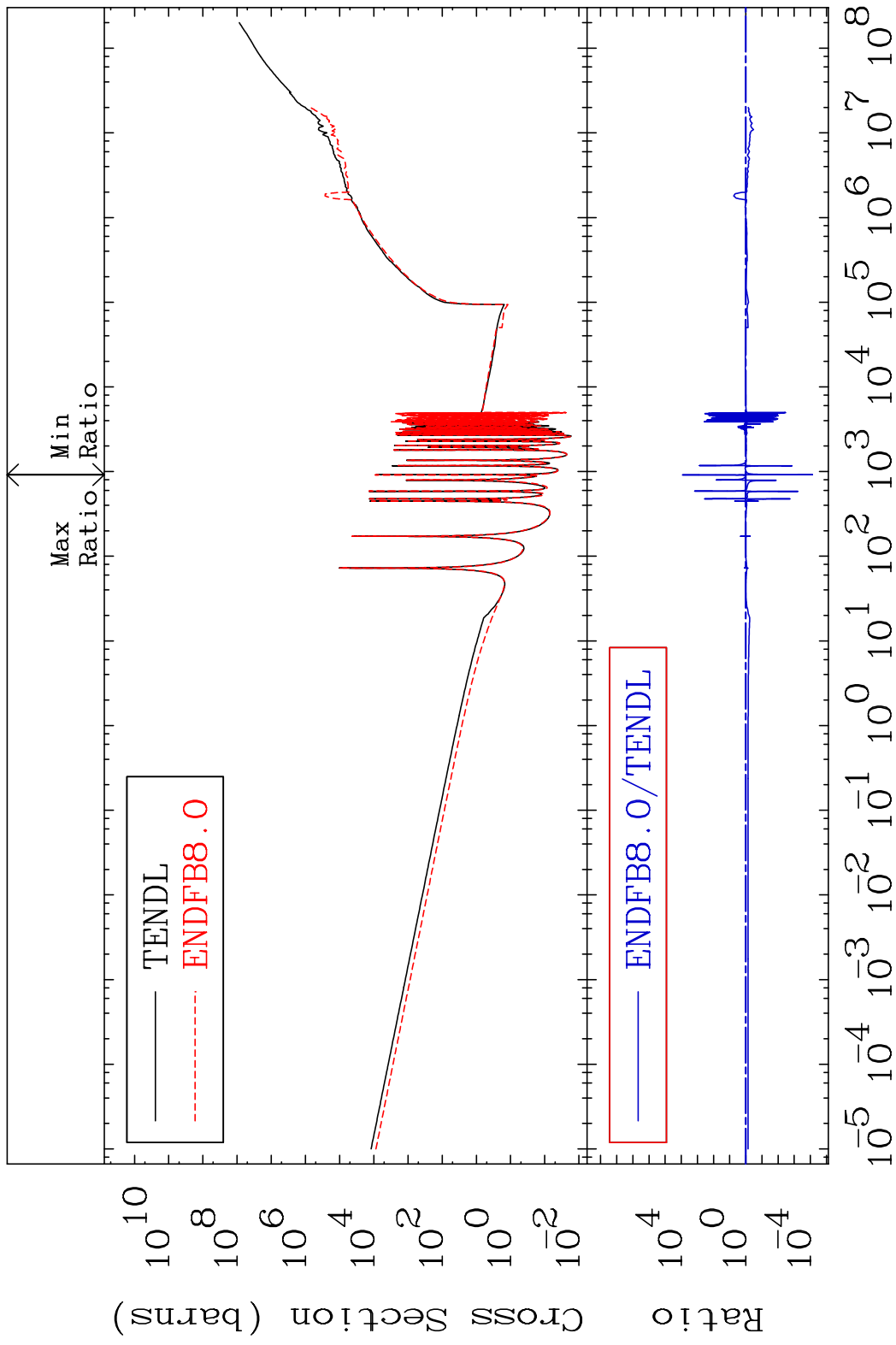


MAT 7243

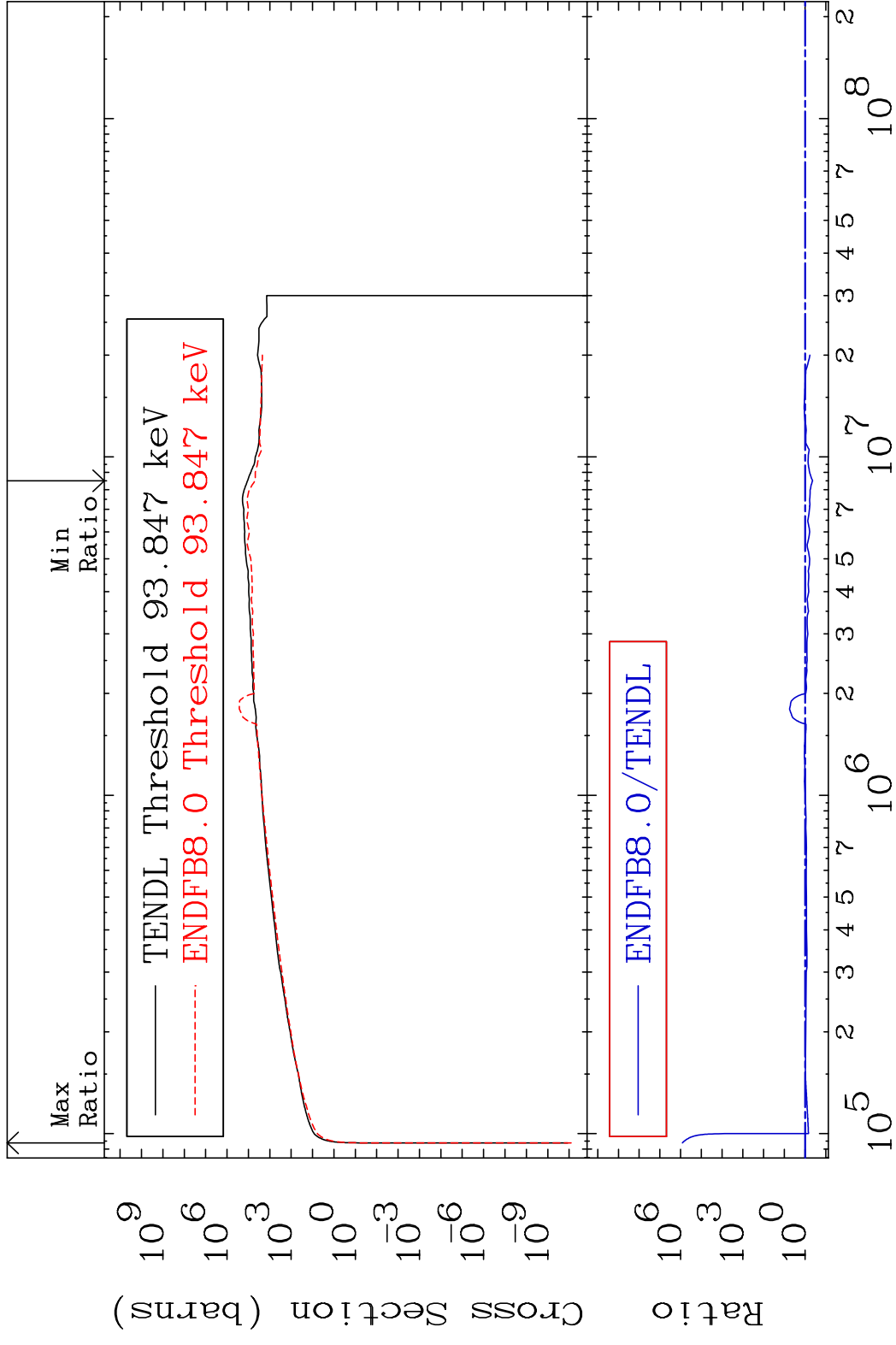
Kerma elastic Cross Section -100.0 To 9999. %
72-Hf-180



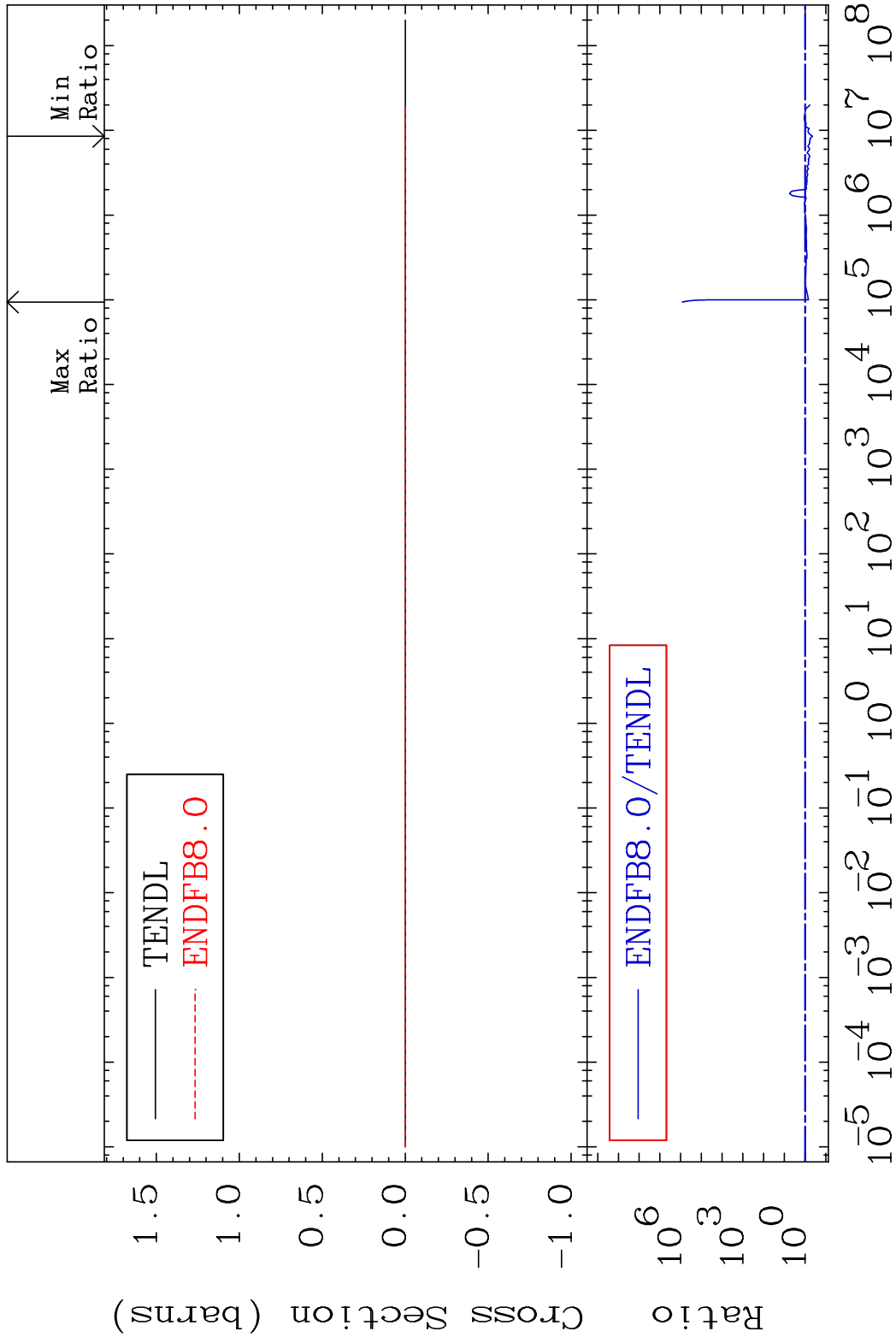
MAT 7243 Kerma non-elastic (all but mt2) 72-Hf-180
 Cross Section -99.99 To 9999. %



MAT 7243 Kerma inelastic (mt51-91) 72-Hf-180
 Cross Section -56.17 To 9999. %



MAT 7243 Kerma fission (mt18 or mt19-20-21-38) 72-Hf-180
 Cross Section -56.17 To 9999. %

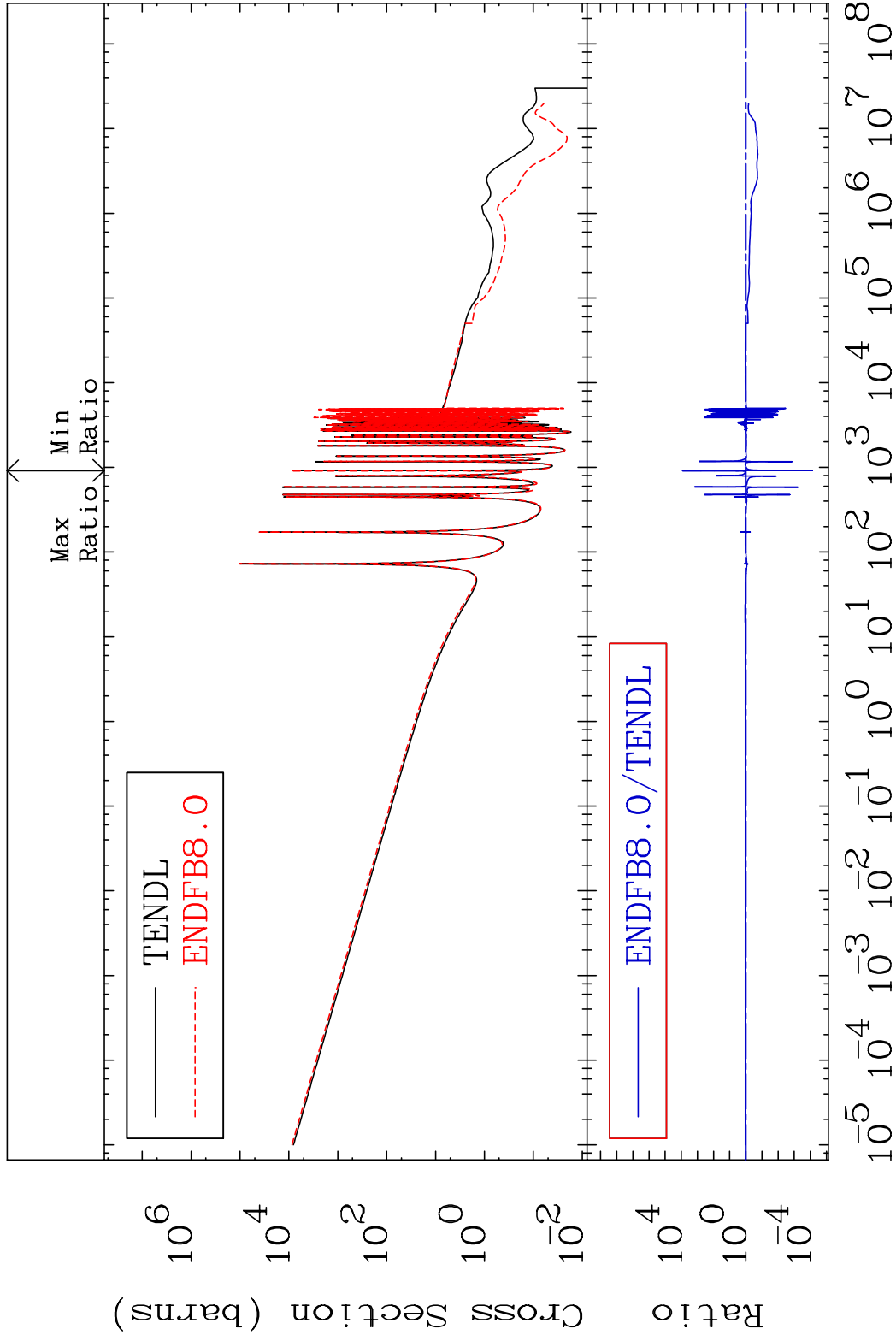


MAT 7243

Kerma capture (mt102)

72-Hf-180

Cross Section -99.99 To 9999. %

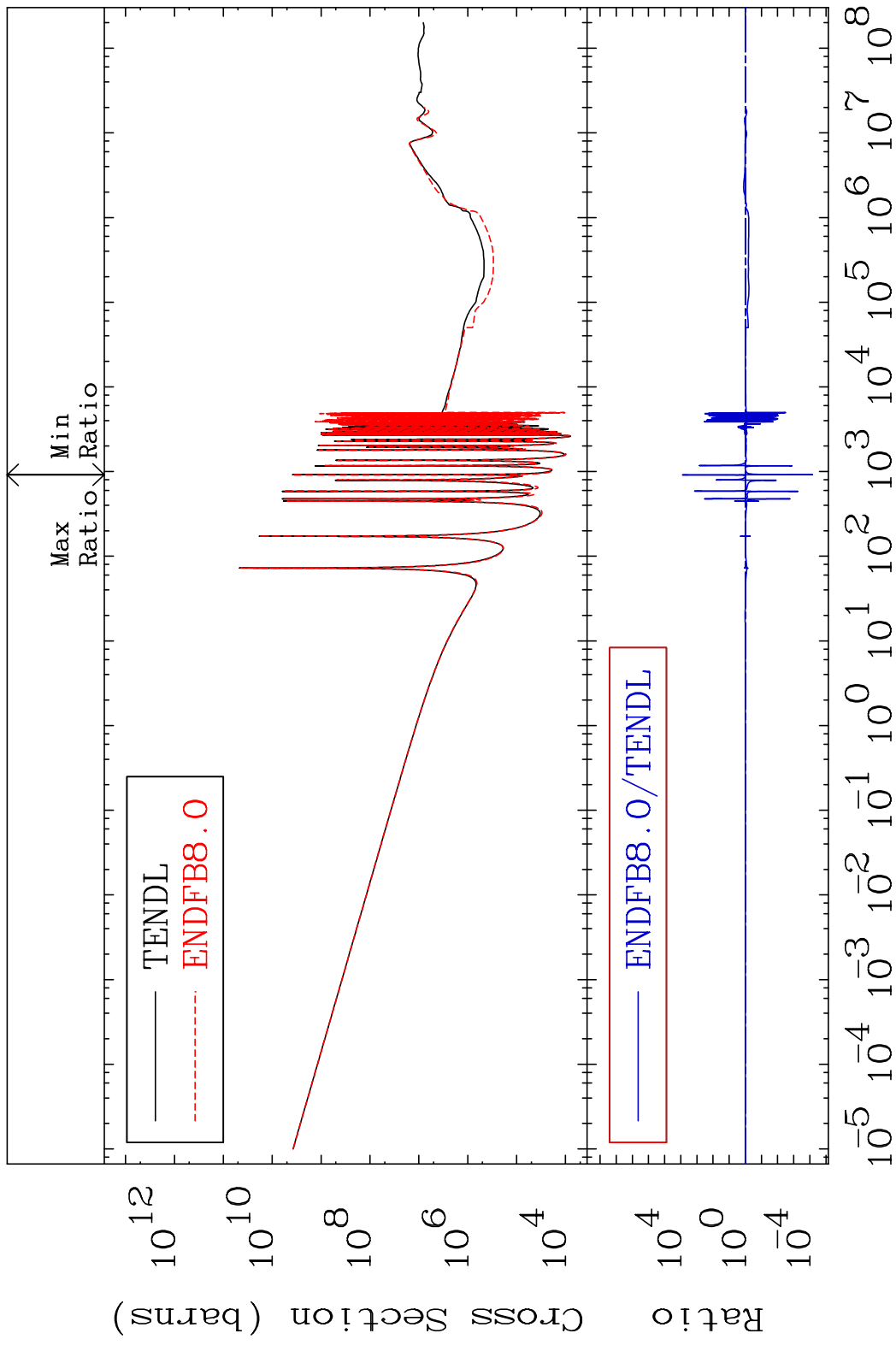


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Incident Energy (eV)

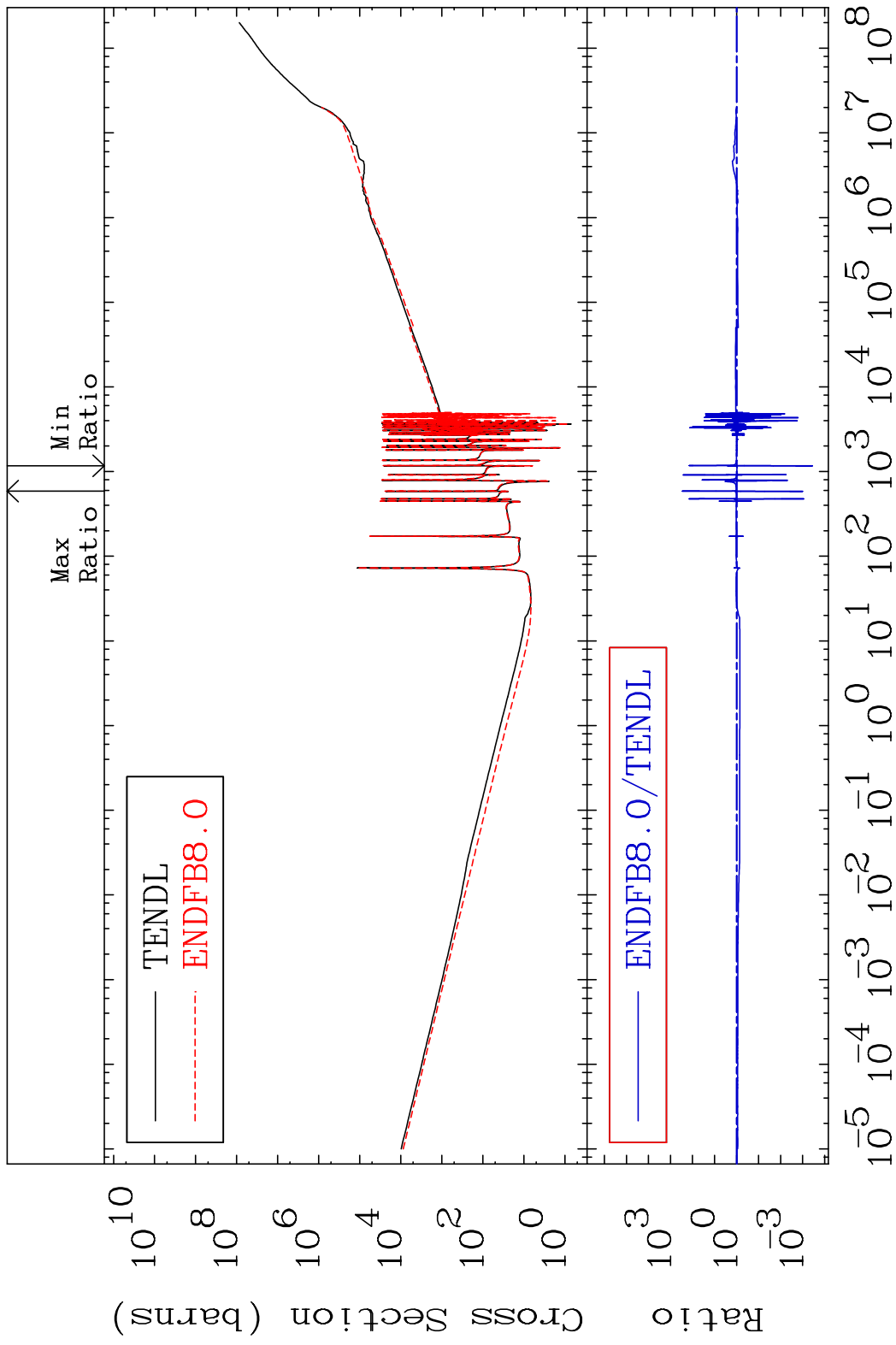
72-Hf-180

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

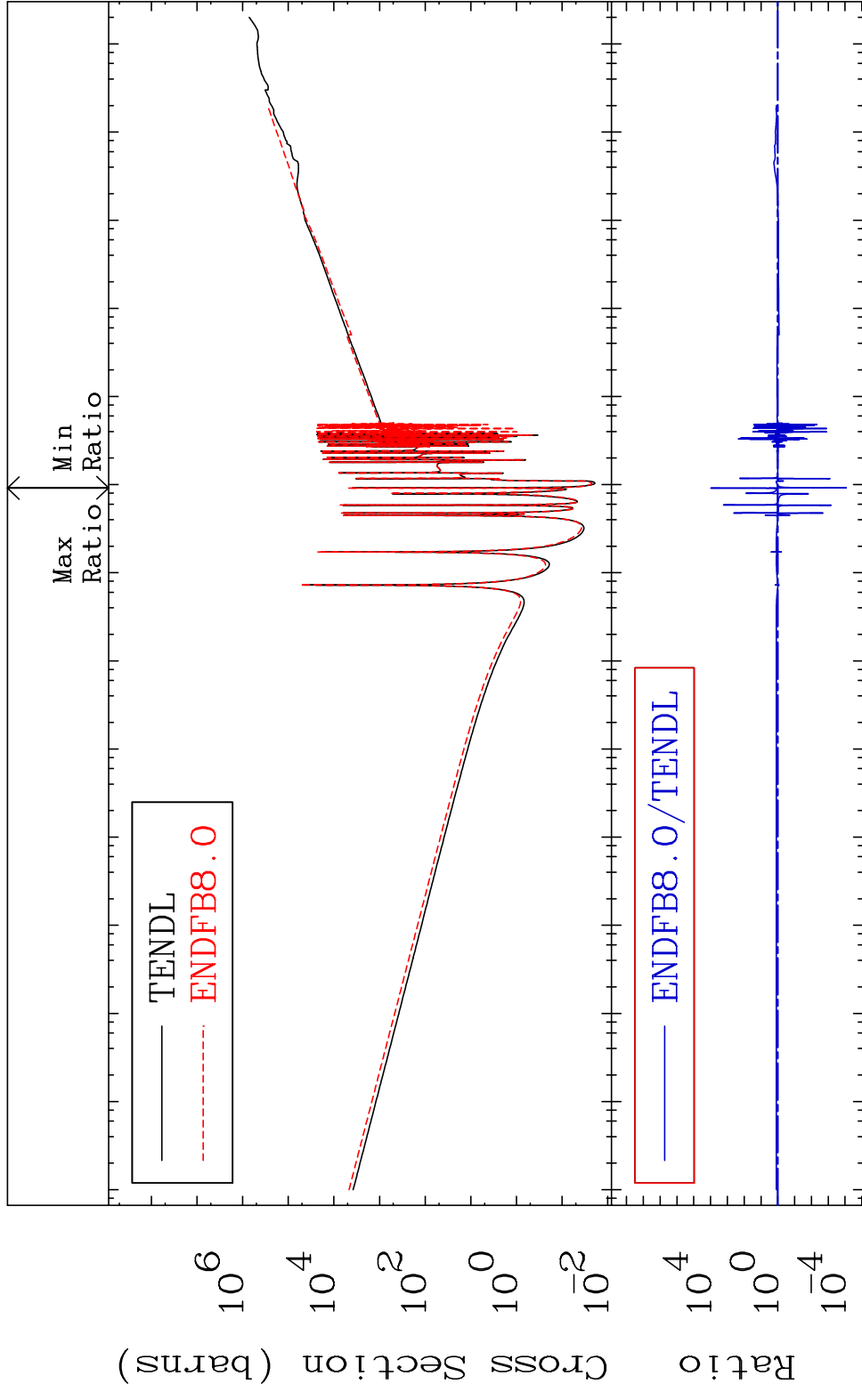


38 Incident Energy (eV) 72-Hf-180

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. %



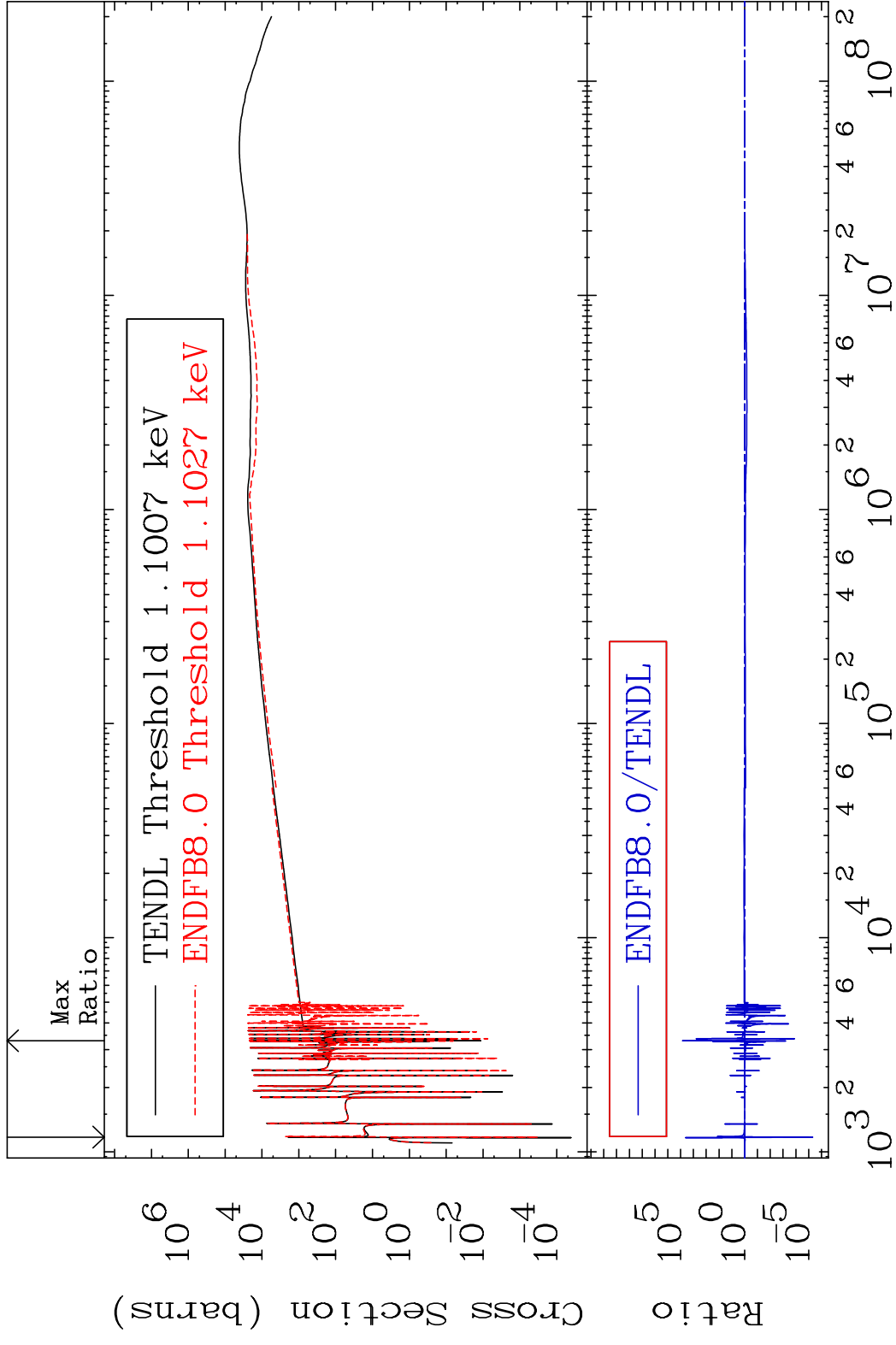
40 Incident Energy (eV) 72-Hf-180

MAT 7243

Dpa elastic (mt2)

72-Hf-180

Cross Section -100.0 To 9999. %

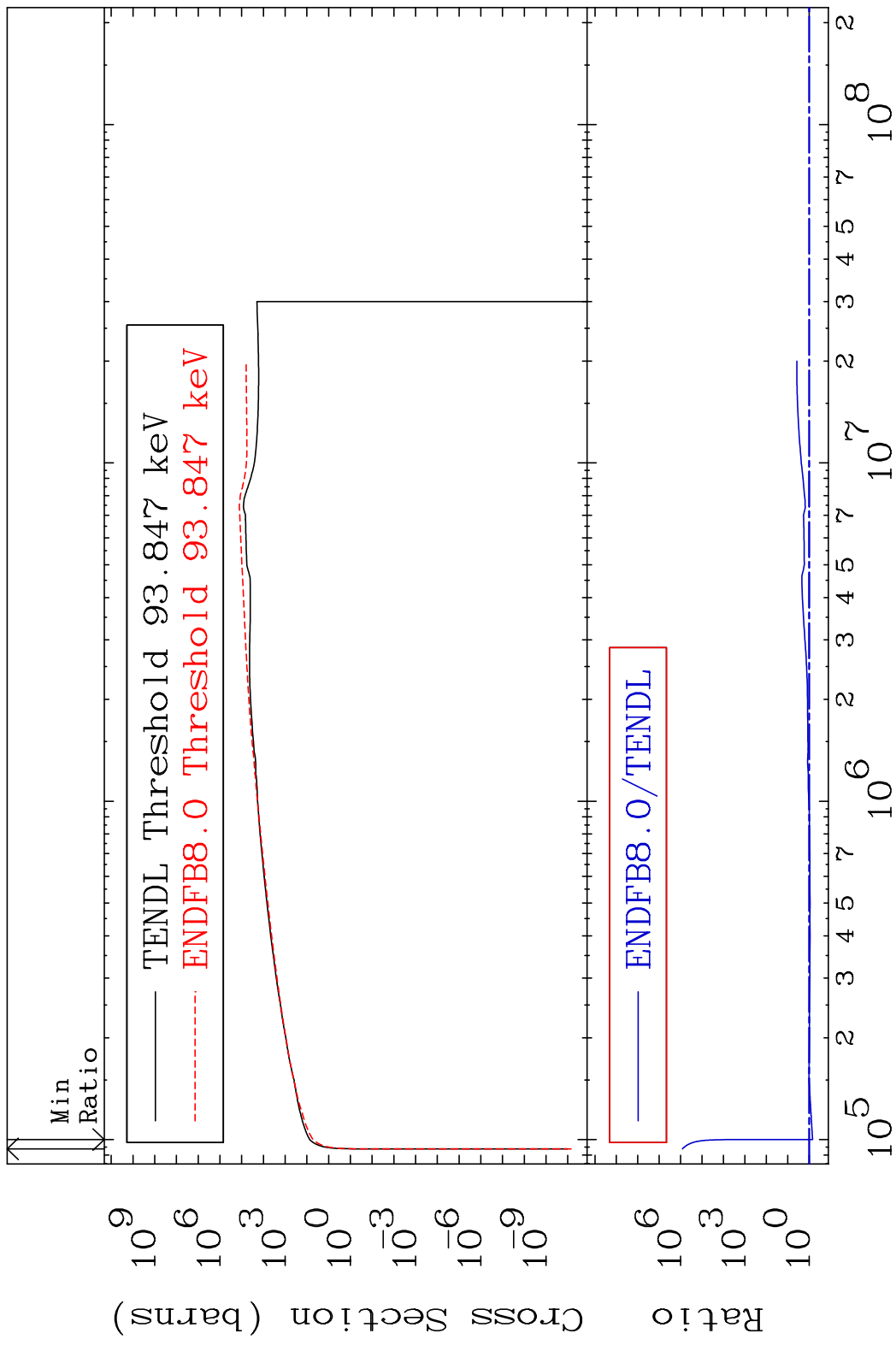


41

Incident Energy (eV)

72-Hf-180

MAT 7243 Dpa inelastic (mt51-91) 72-Hf-180
 Cross Section -30.81 To 9999. %



42 Incident Energy (eV) 72-Hf-180

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

