

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

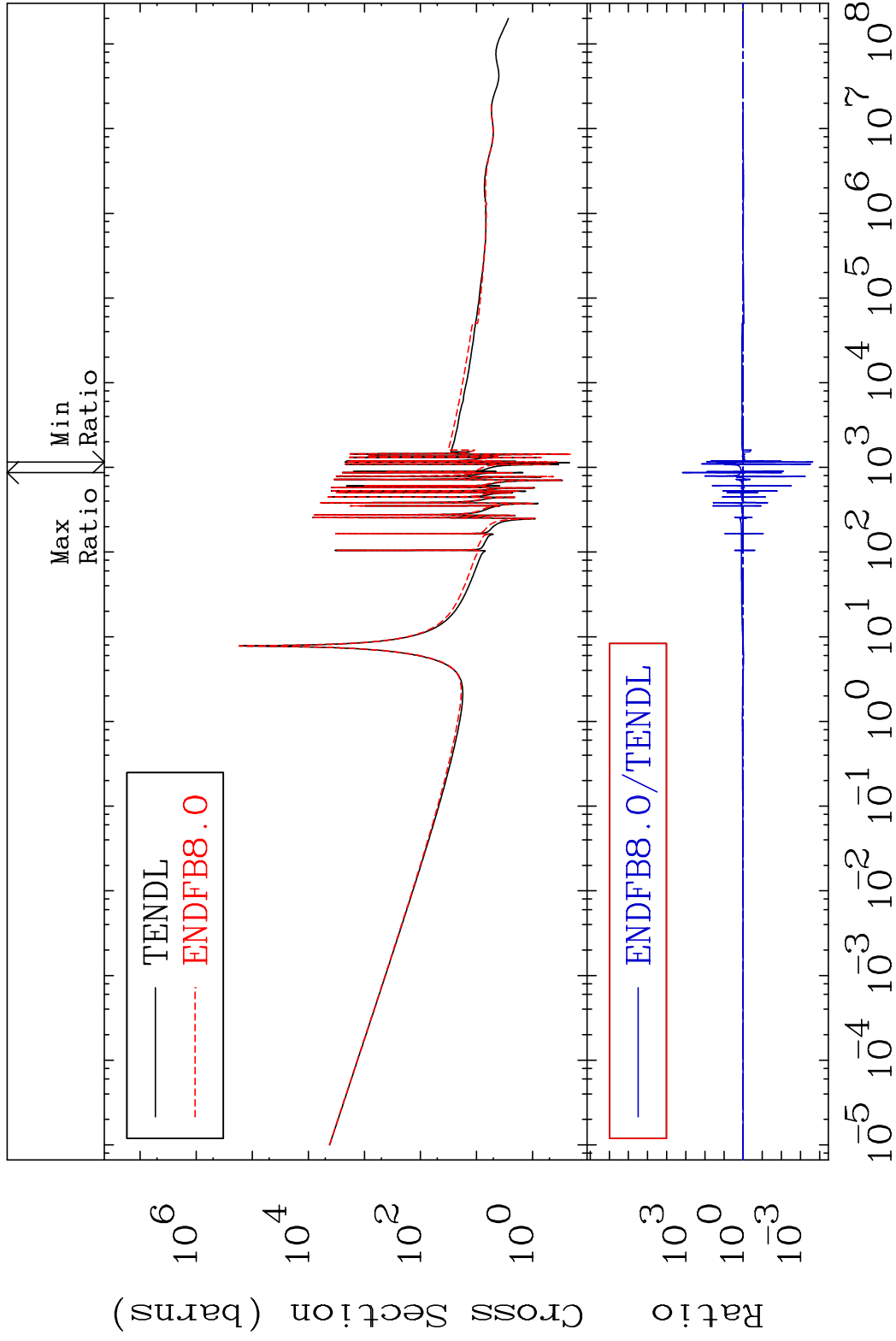
Press Mouse Button to Start

MAT 7237

Total

72-Hf-178

Cross Section -99.98 To 9999. %



1

Incident Energy (eV)

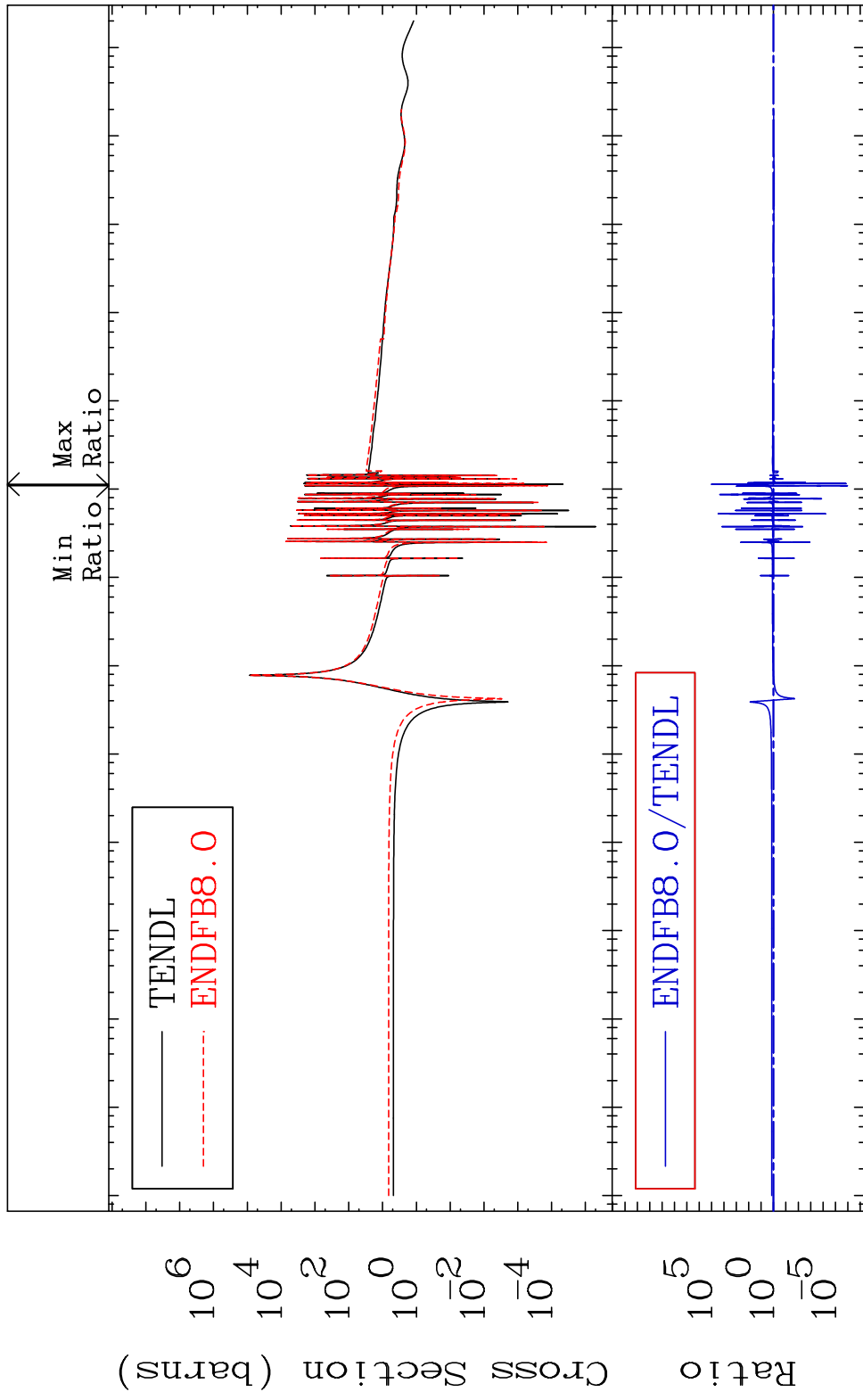
72-Hf-178

MAT 7237

Elastic

72-Hf-178

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

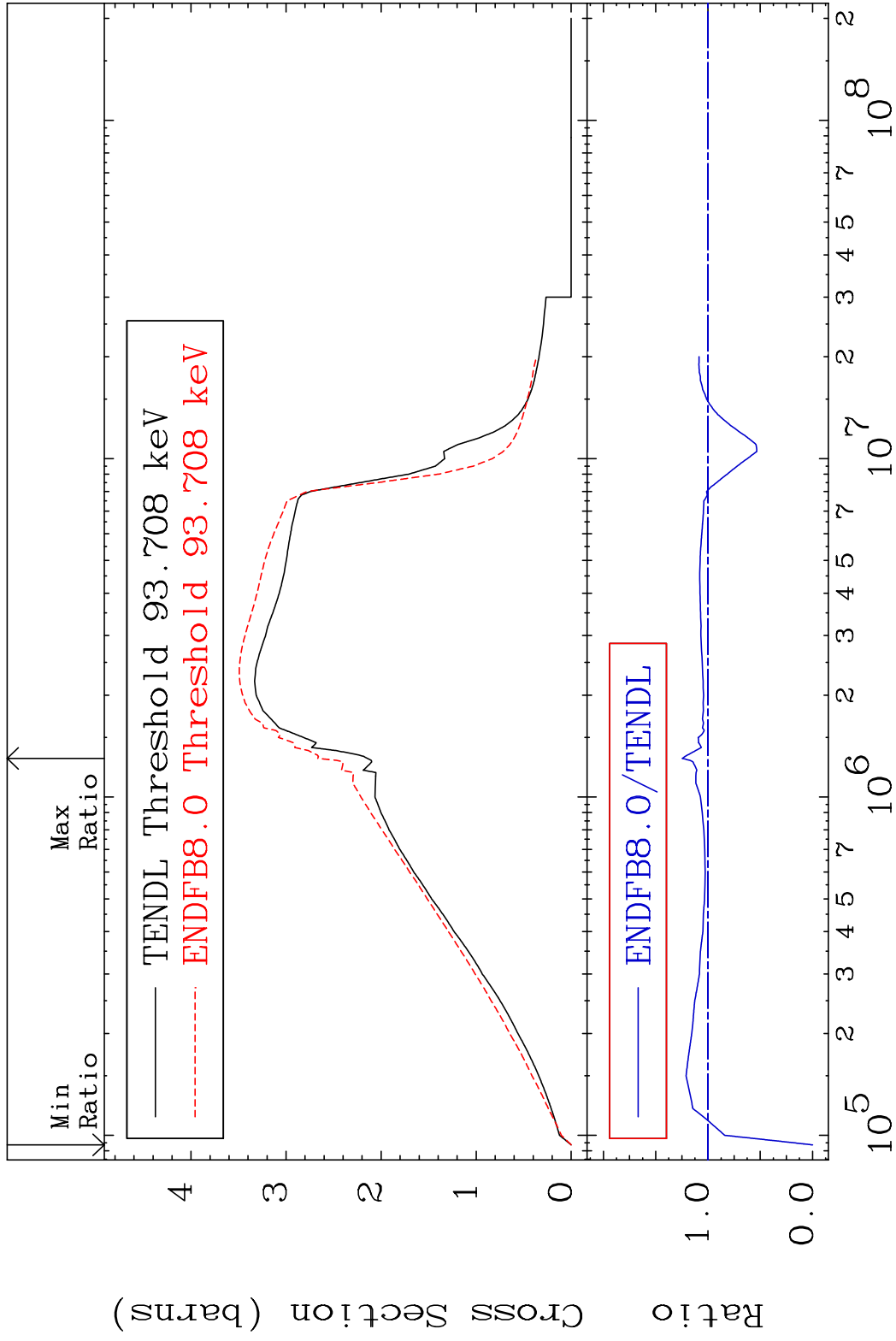
72-Hf-178

MAT 7237

Inelastic

72-Hf-178

Cross Section -100.0 To 24.50 %



3

Incident Energy (eV)

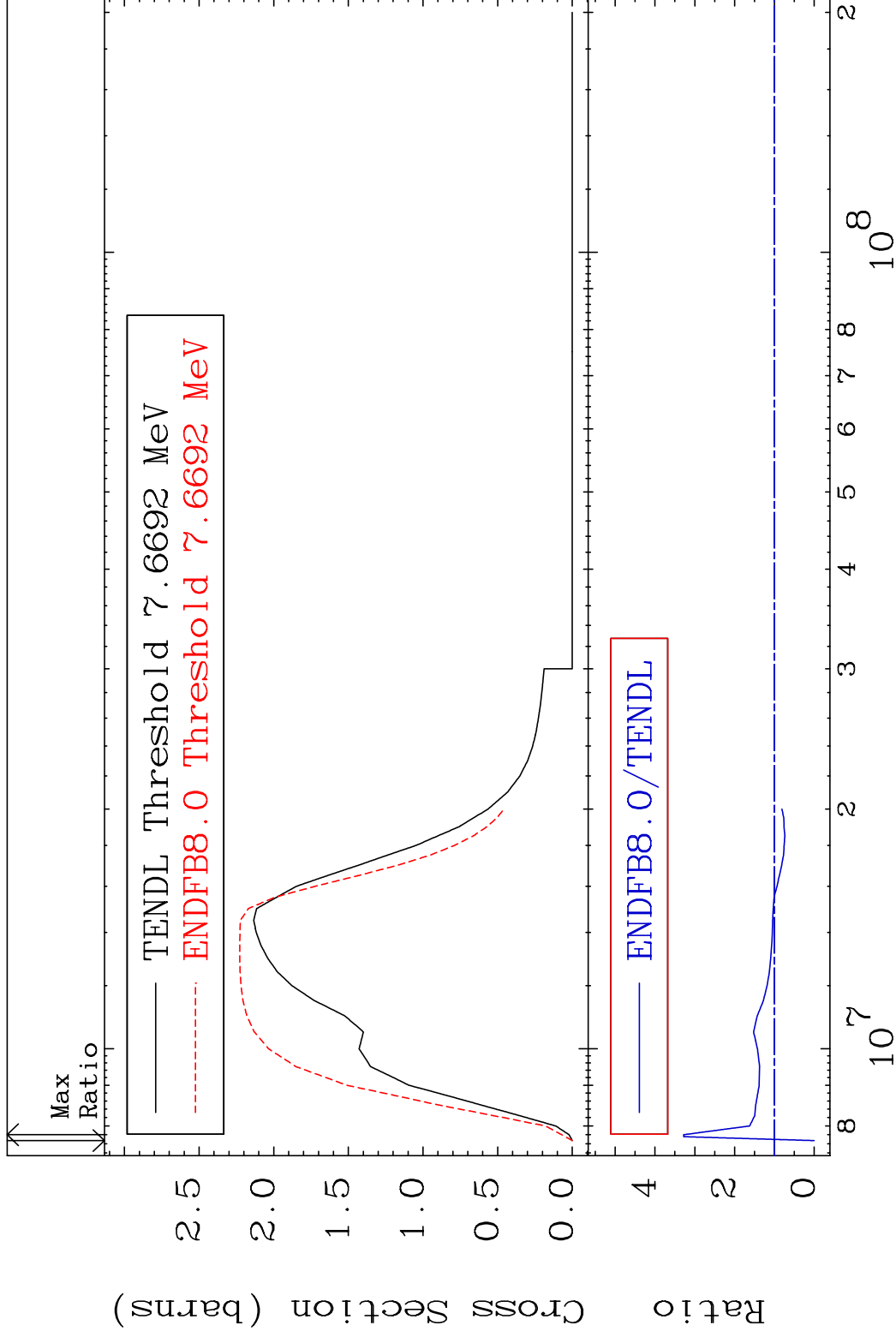
72-Hf-178

MAT 7237

(n,2n)

72-Hf-178

Cross Section -100.0 To 228.0 %



4

Incident Energy (eV)

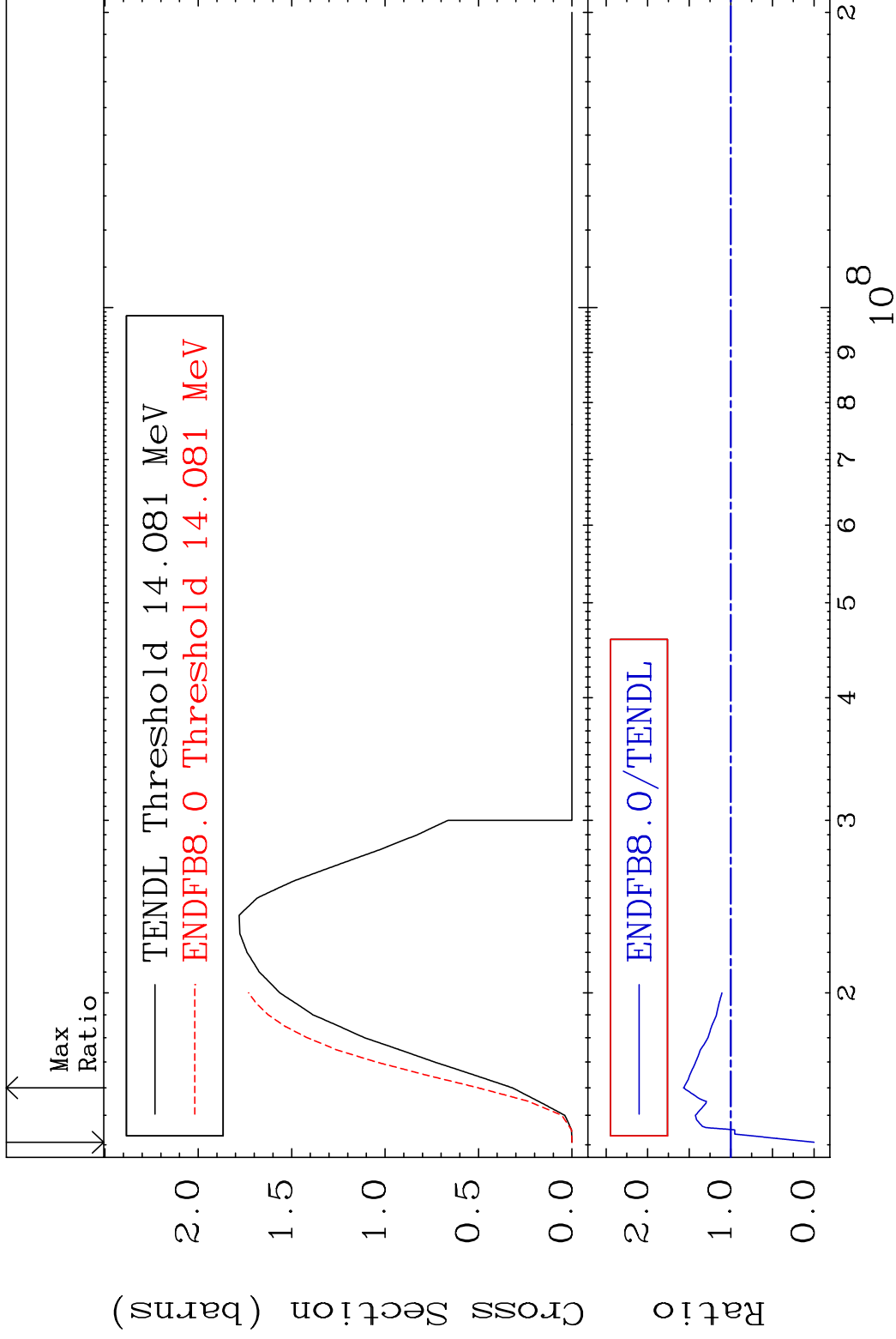
72-Hf-178

MAT 7237

(n,3n)

72-Hf-178

Cross Section -100.0 To 56.98 %



5

Incident Energy (eV)

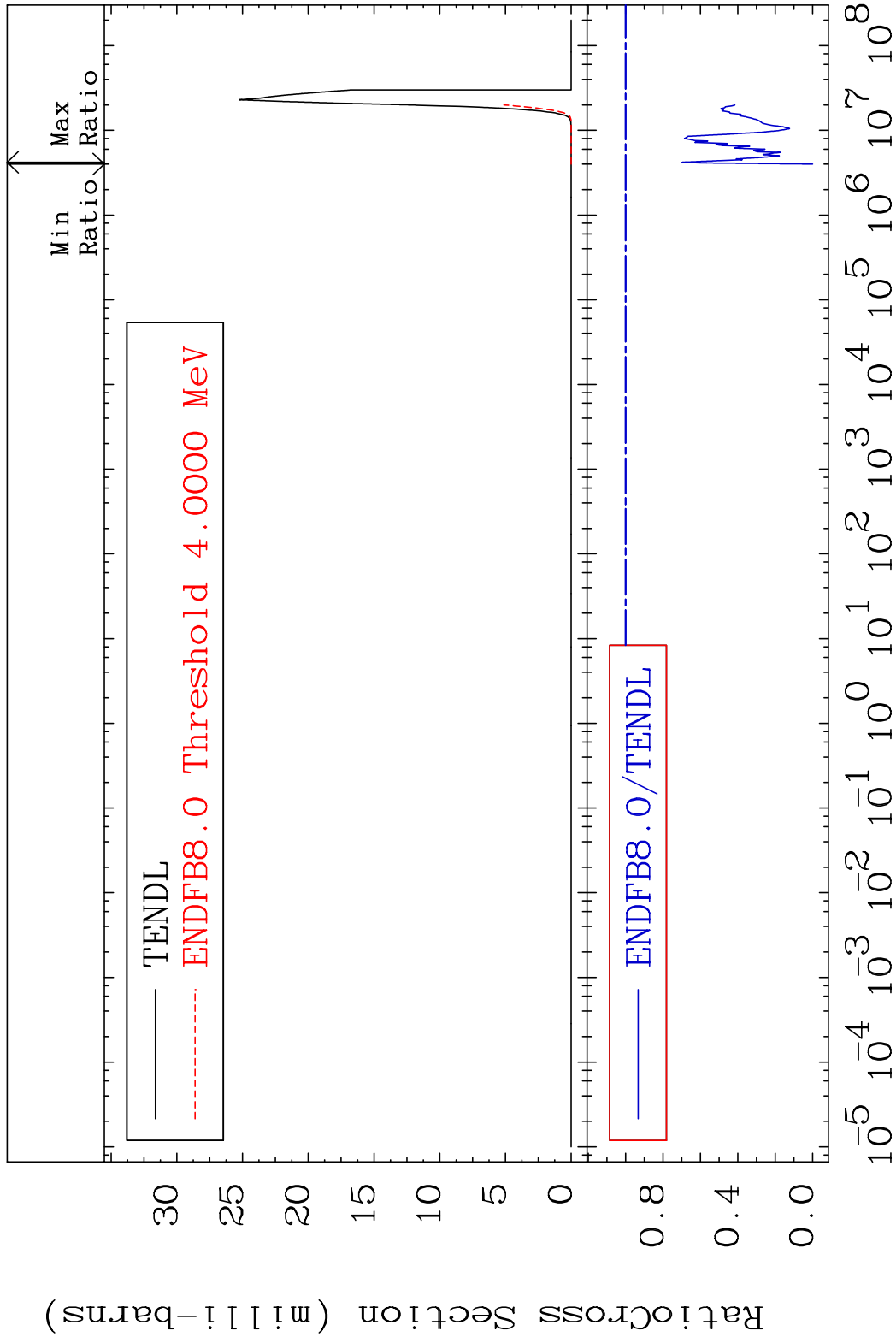
72-Hf-178

MAT 7237

(n, n') α

72-Hf-178

Cross Section -100.0 To -30.39%

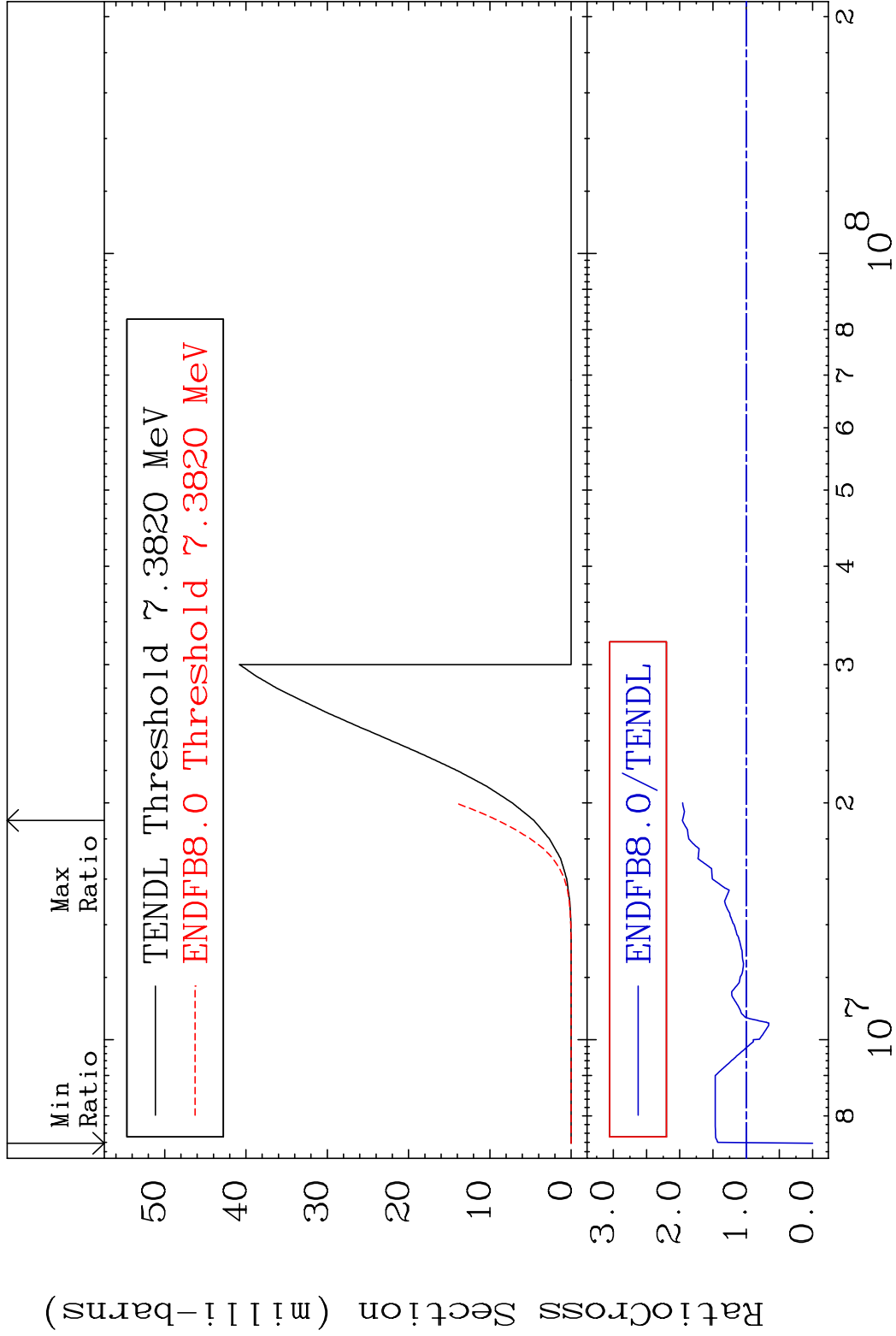


MAT 7237

(n, n') p

72-Hf-178

Cross Section -100.0 To 96.09 %

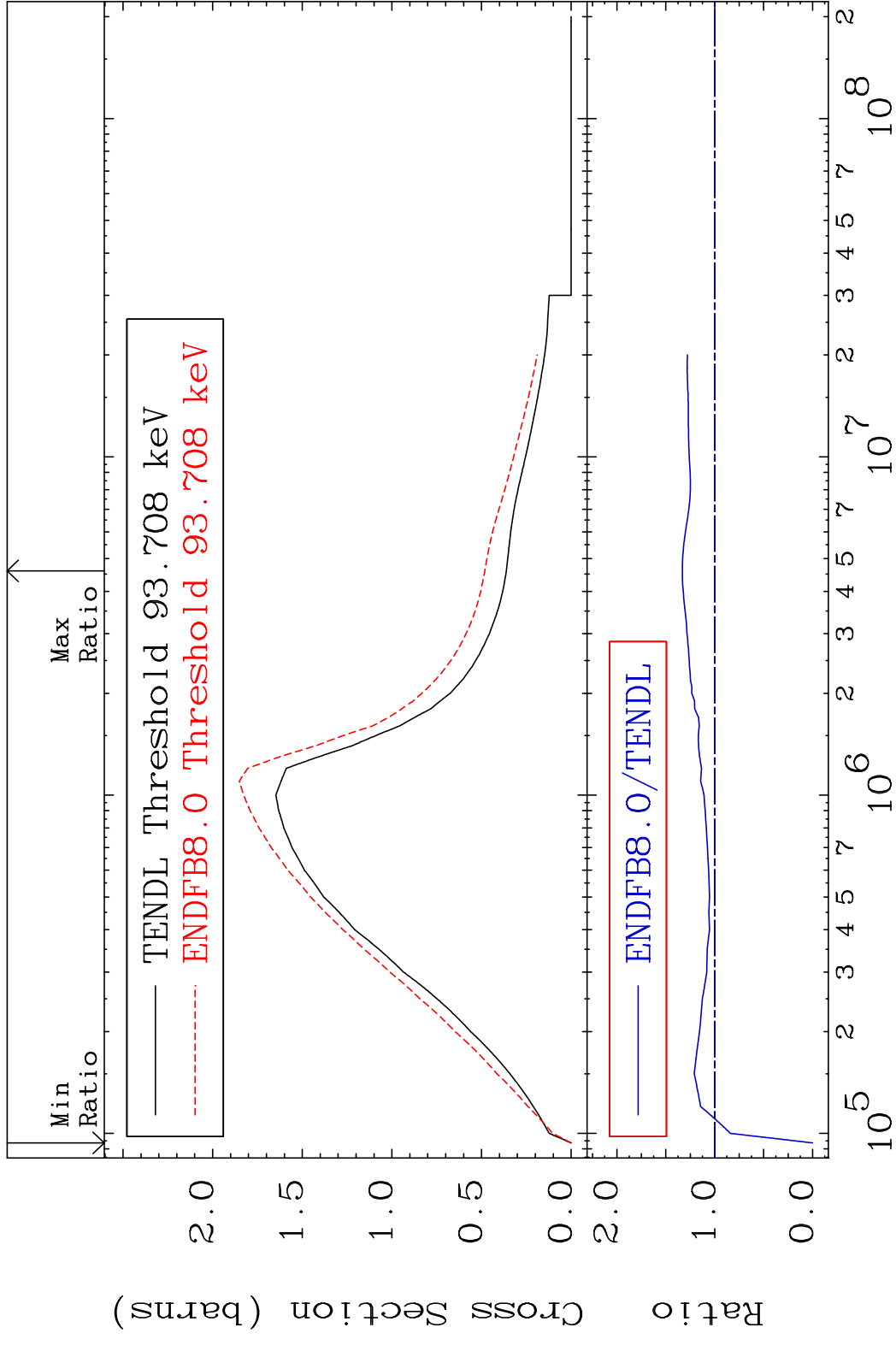


7

Incident Energy (eV)

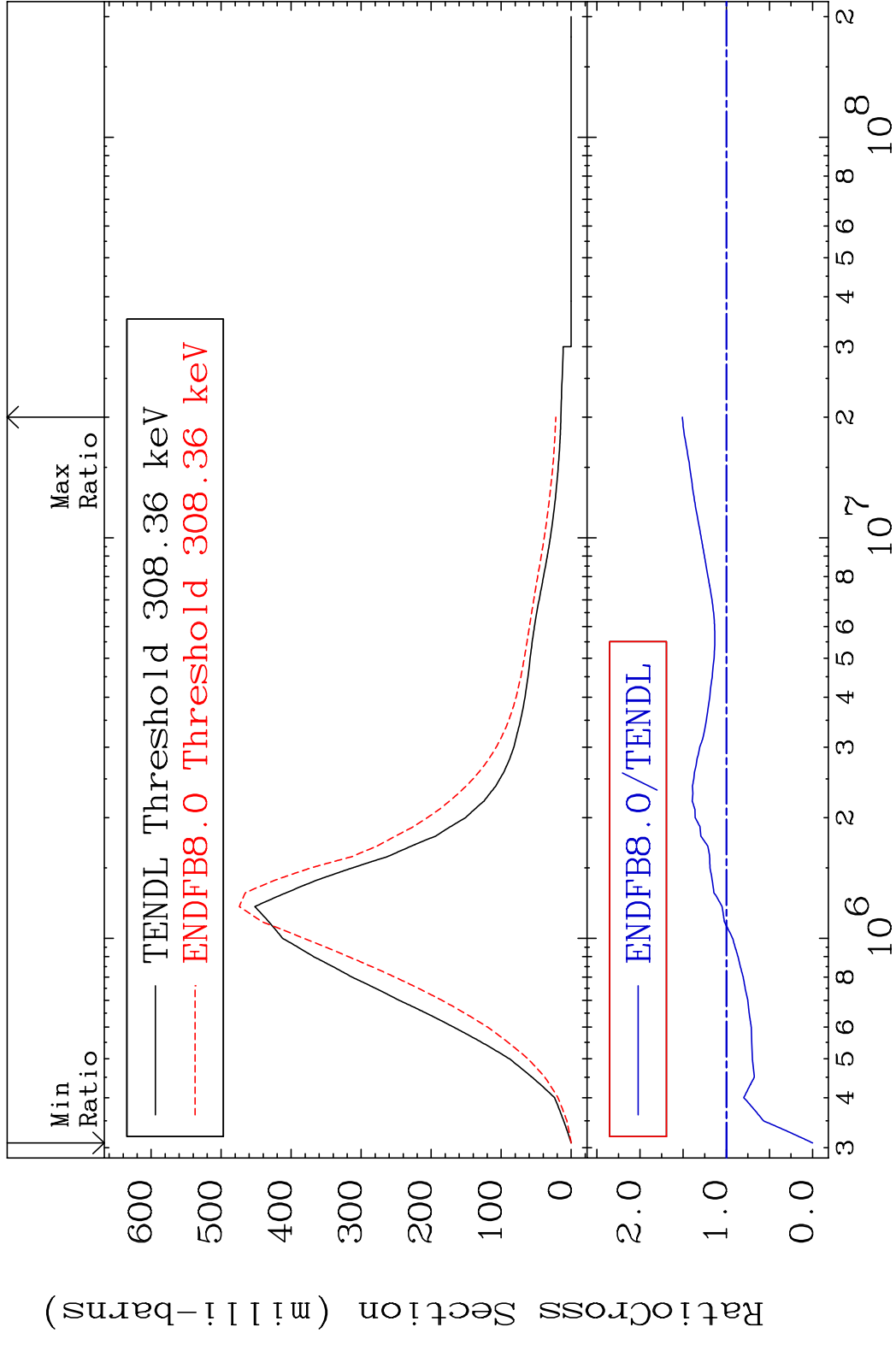
72-Hf-178

MAT 7237 MT= 51 (n, n') Level 72-Hf-178
 Cross Section -100.0 To 33.11 %

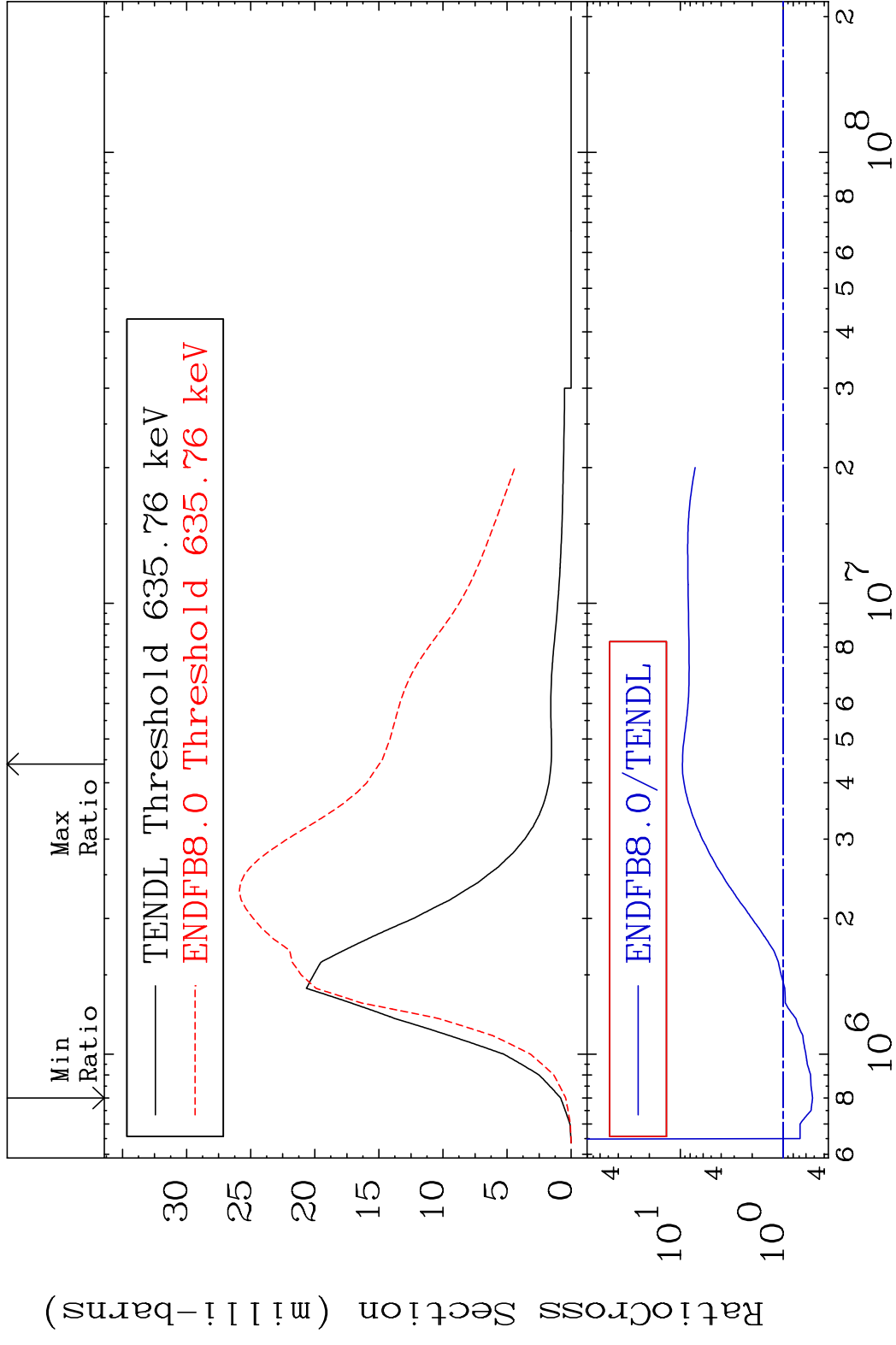


8 Incident Energy (eV) 72-Hf-178

MAT 7237 MT= 52 (n, n') Level 72-Hf-178
 Cross Section -100.0 To 50.96 %

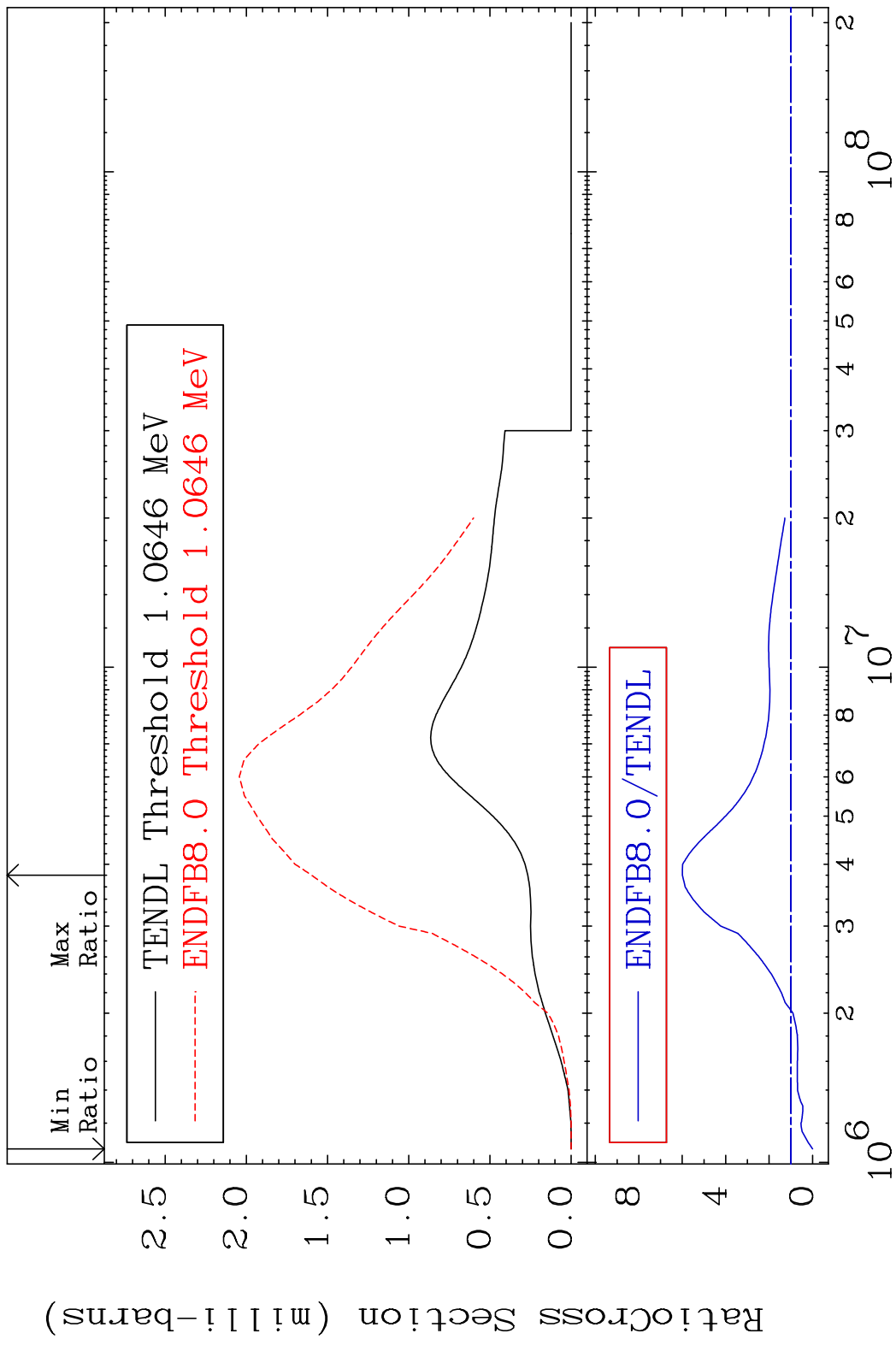


MAT 7237 MT= 53 (n,n') Level 72-Hf-178
 Cross Section -48.12 To 853.8 %

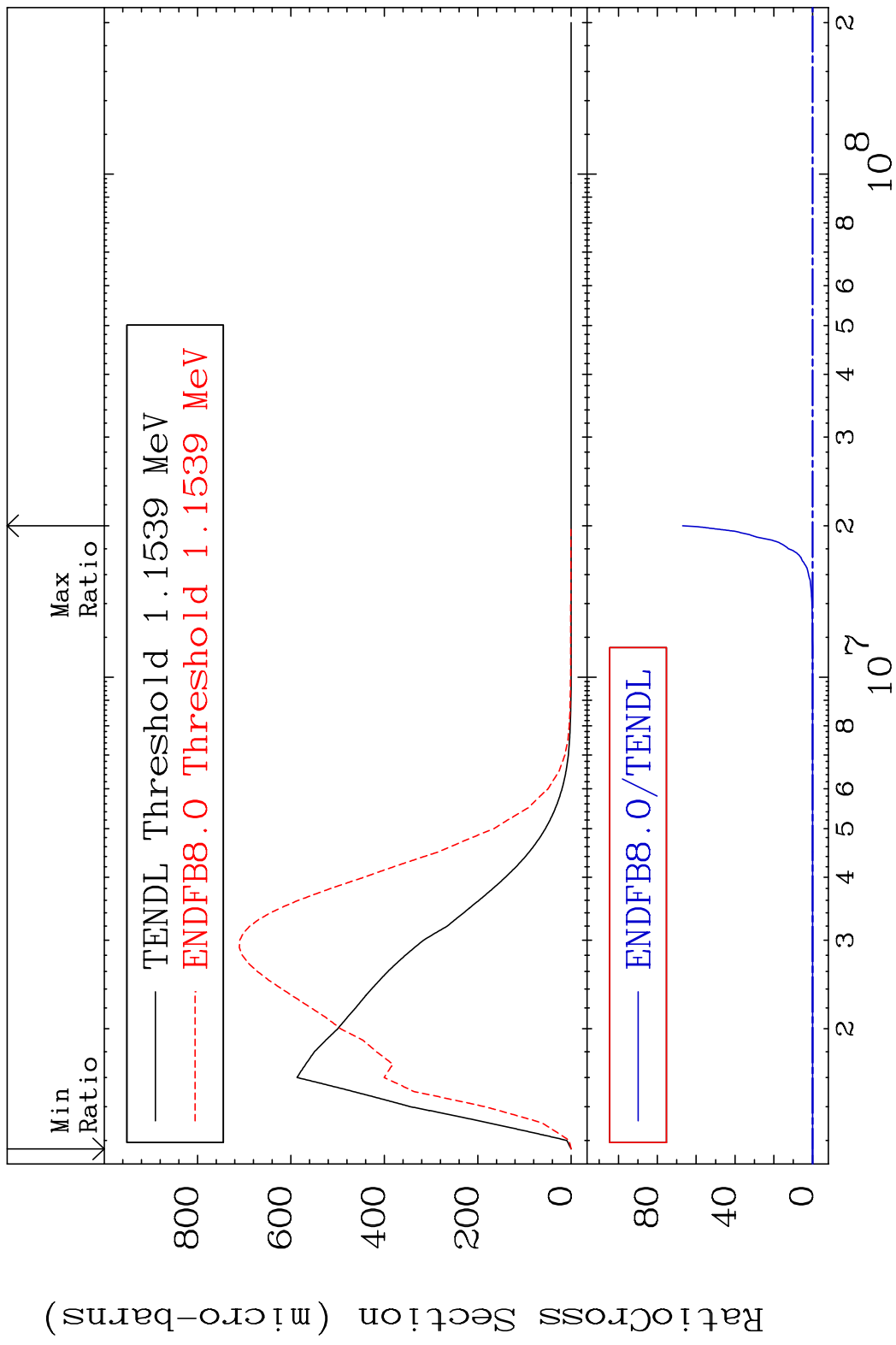


10 Incident Energy (eV) 72-Hf-178

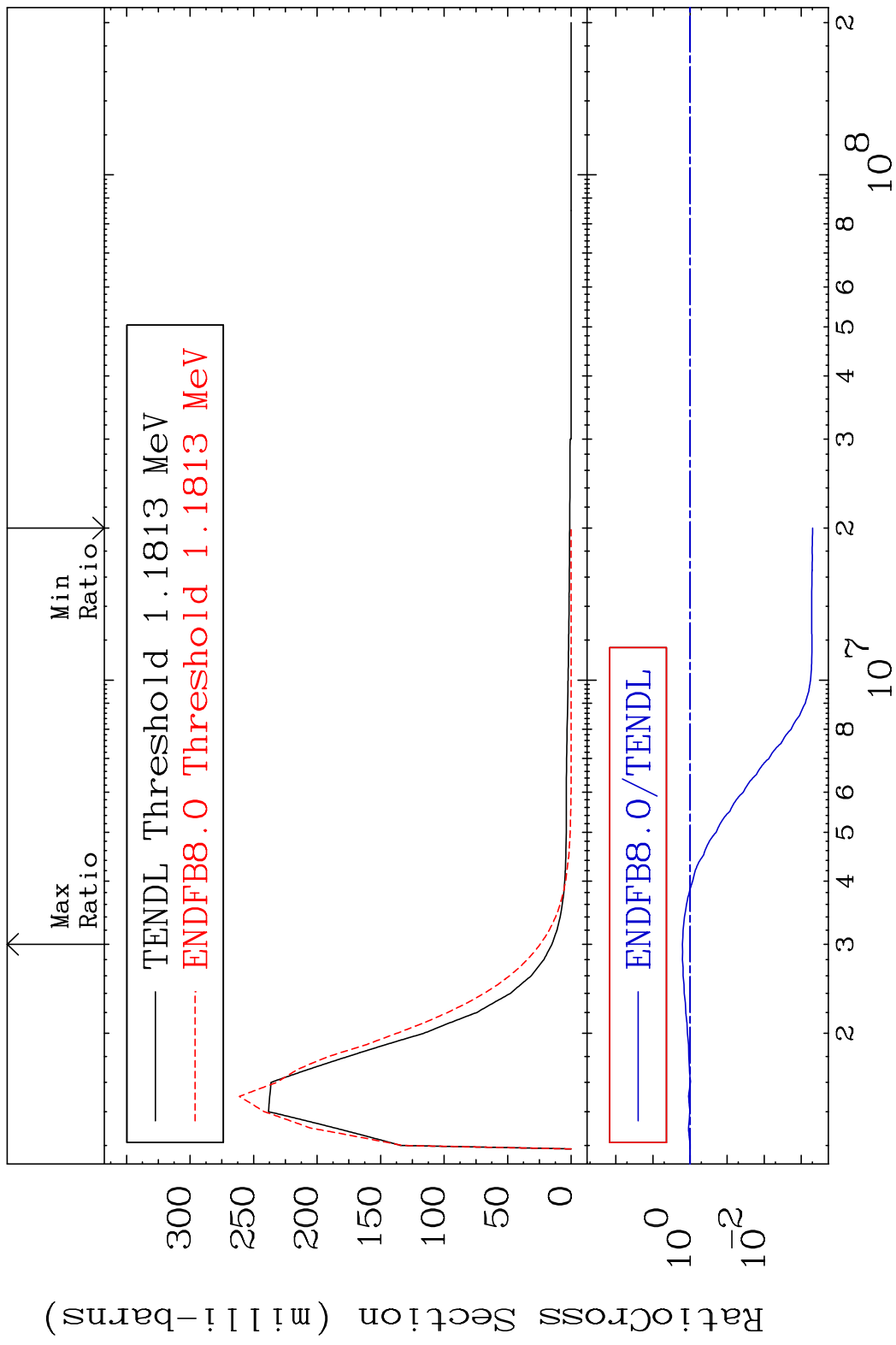
MAT 7237 MT= 54 (n,n') Level 72-Hf-178
 Cross Section -100.0 To 499.5 %



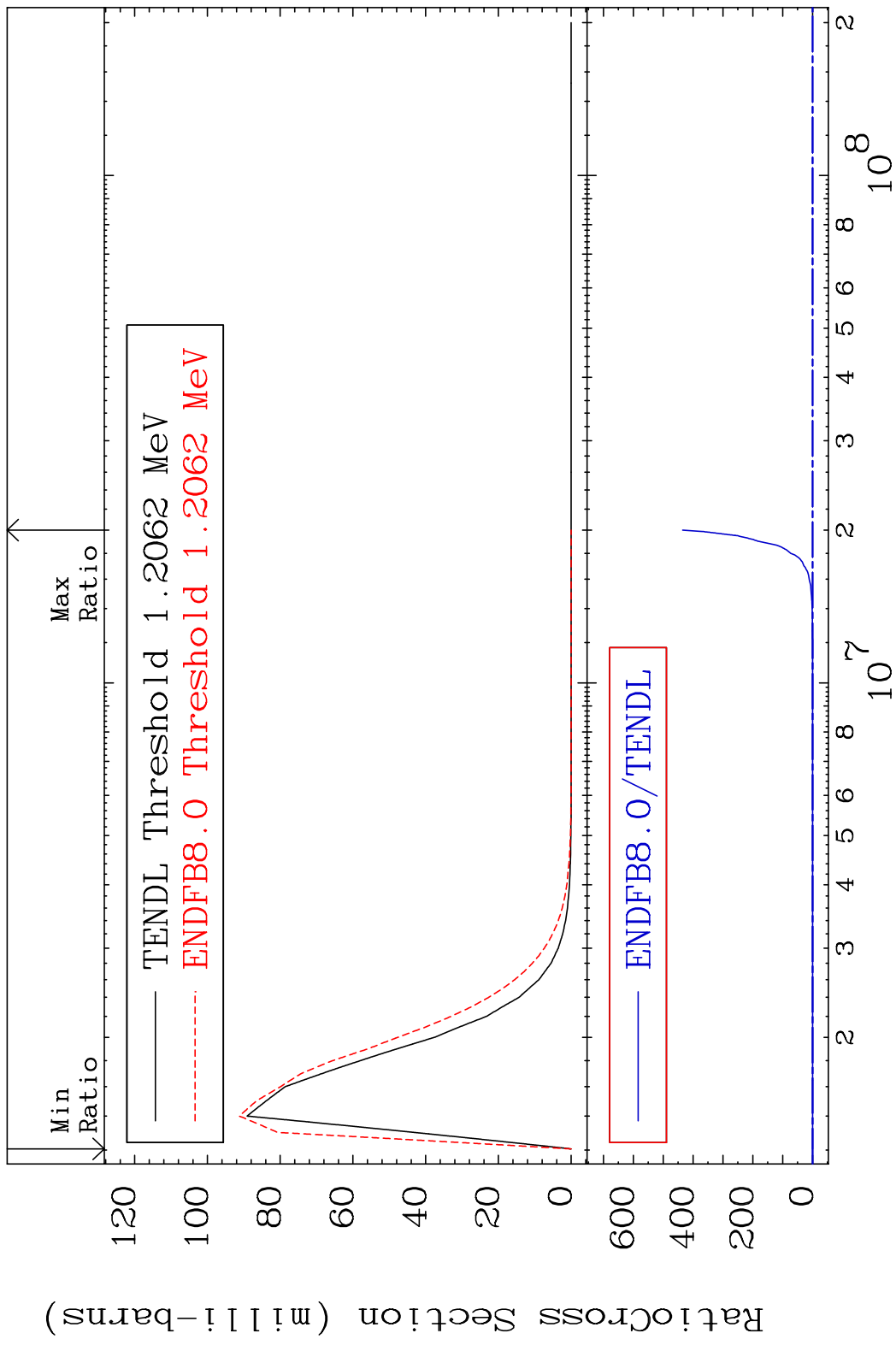
MAT 7237 MT= 55 (n, n') Level 72-Hf-178
 Cross Section -100.0 To 9999. %



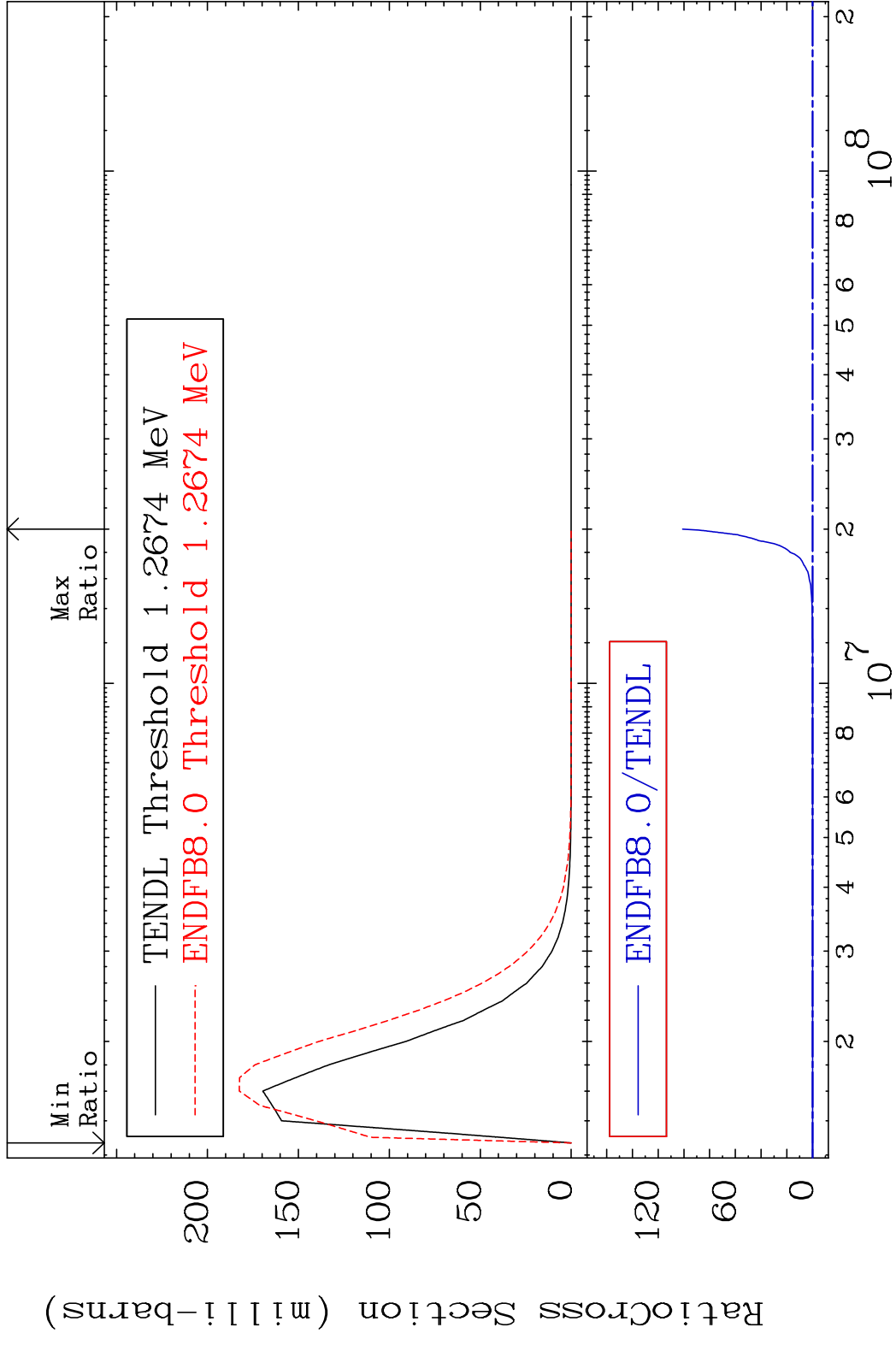
MAT 7237 MT= 56 (n, n') Level 72-Hf-178
 Cross Section -99.95 To 61.31 %



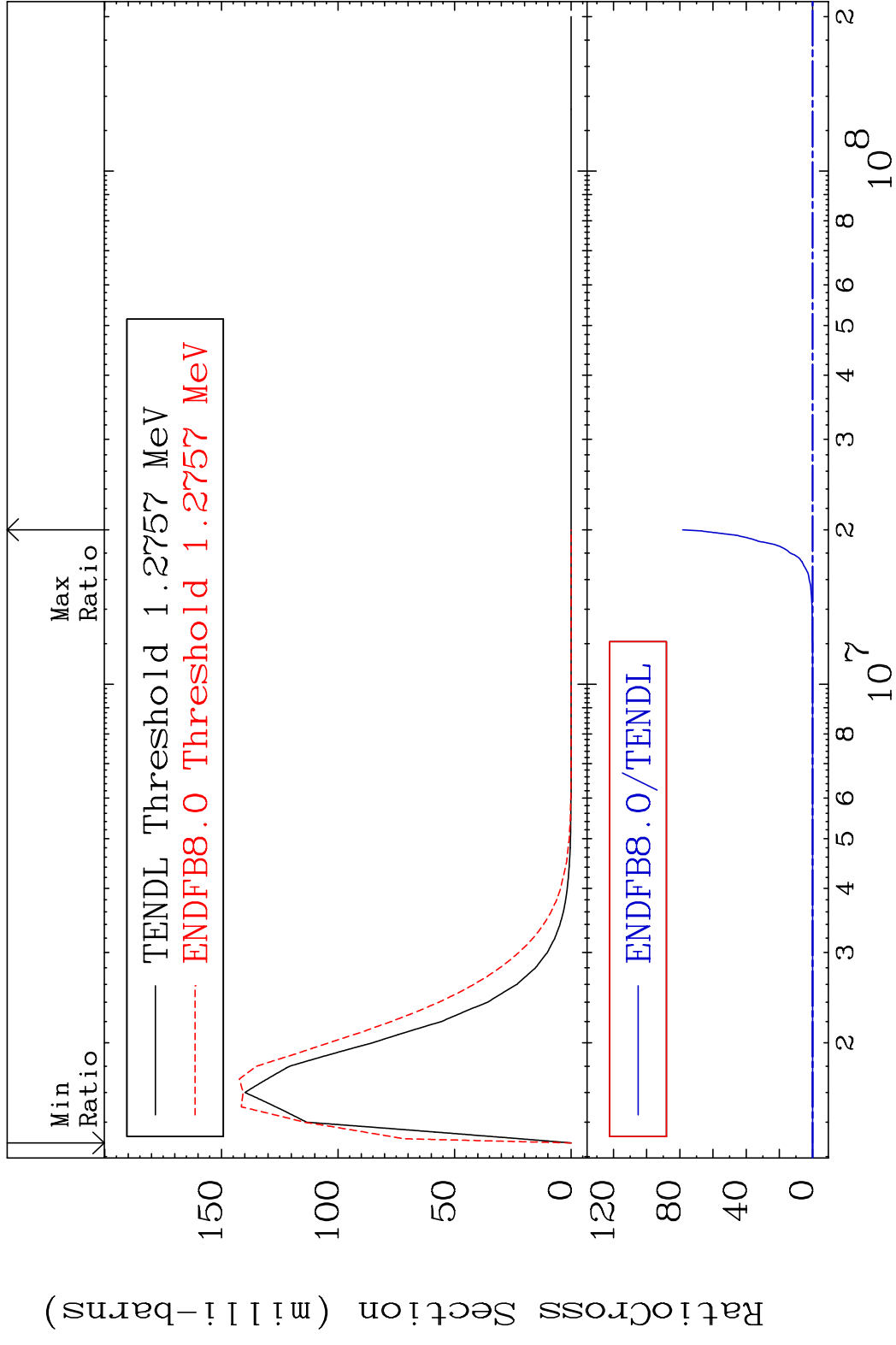
MAT 7237 MT= 57 (n, n') Level 72-Hf-178
 Cross Section -100.0 To 9999. %



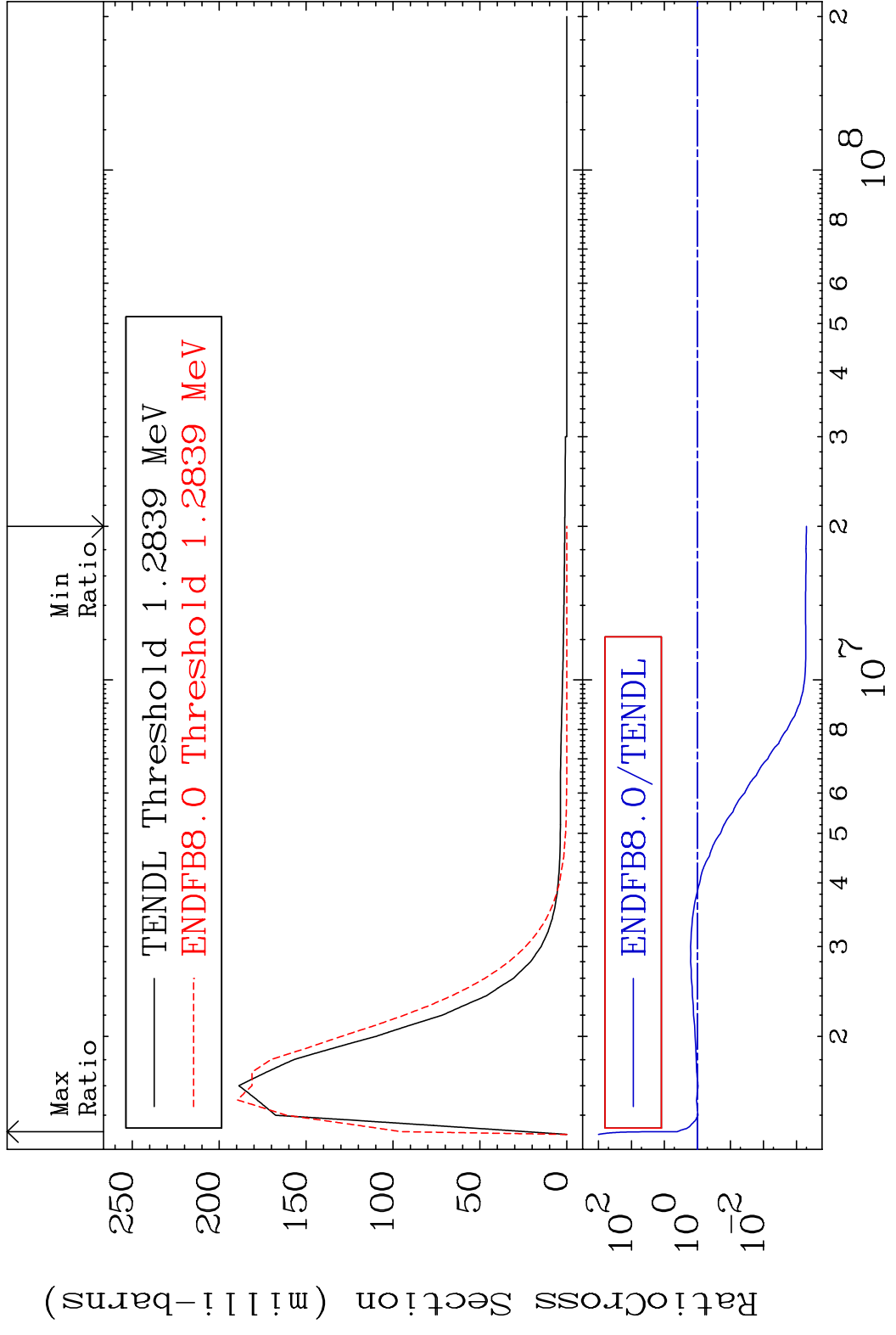
MAT 7237 MT= 58 (n, n') Level 72-Hf-178
 Cross Section -100.0 To 9999. %



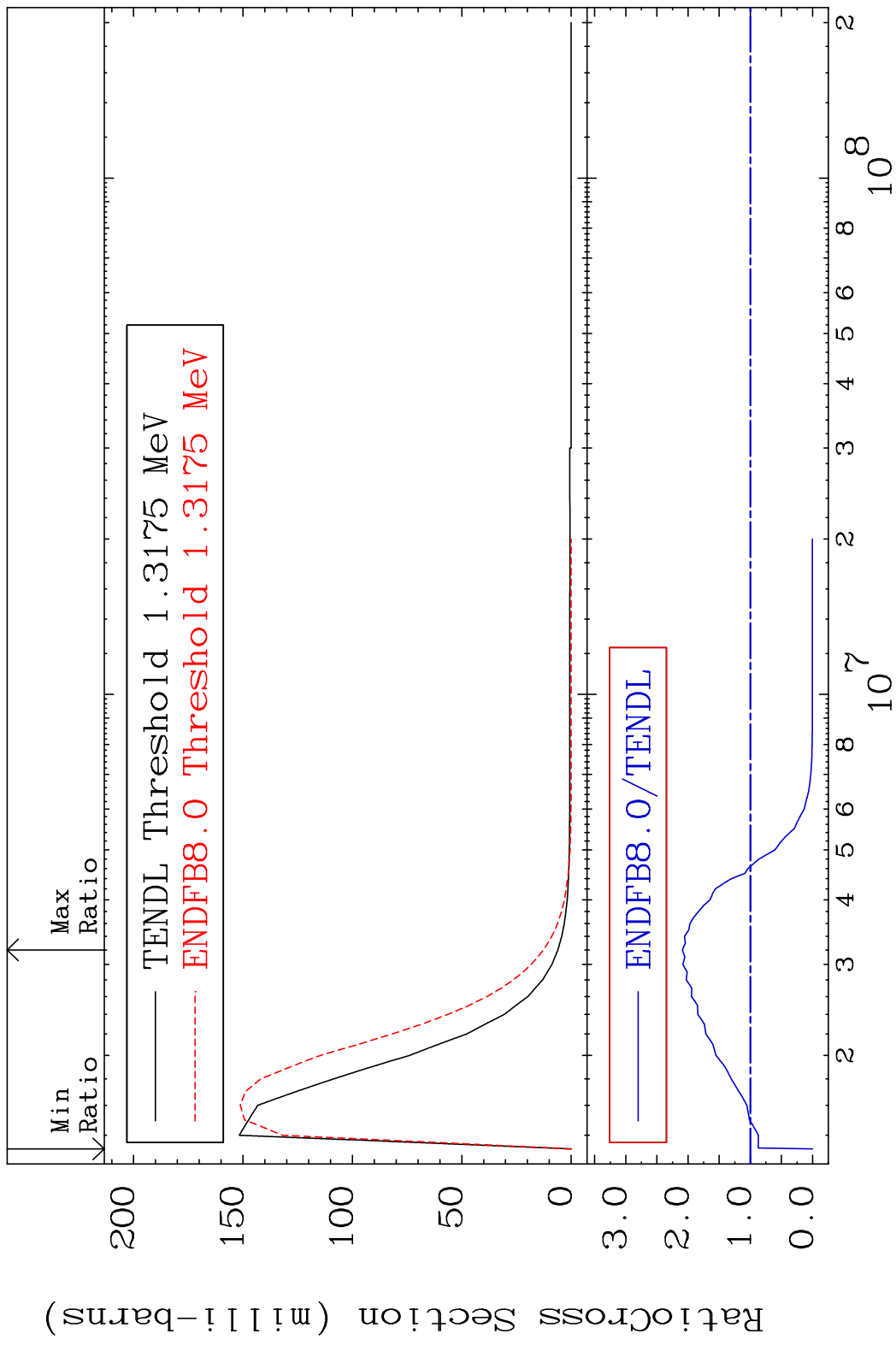
MAT 7237 MT= 59 (n, n') Level 72-Hf-178
 Cross Section -100.0 To 9999. %



MAT 7237 MT= 60 (n, n') Level 72-Hf-178
 Cross Section -99.95 To 310.3 %



MAT 7237 MT= 61 (n, n') Level 72-Hf-178
 Cross Section -100.0 To 109.1 %

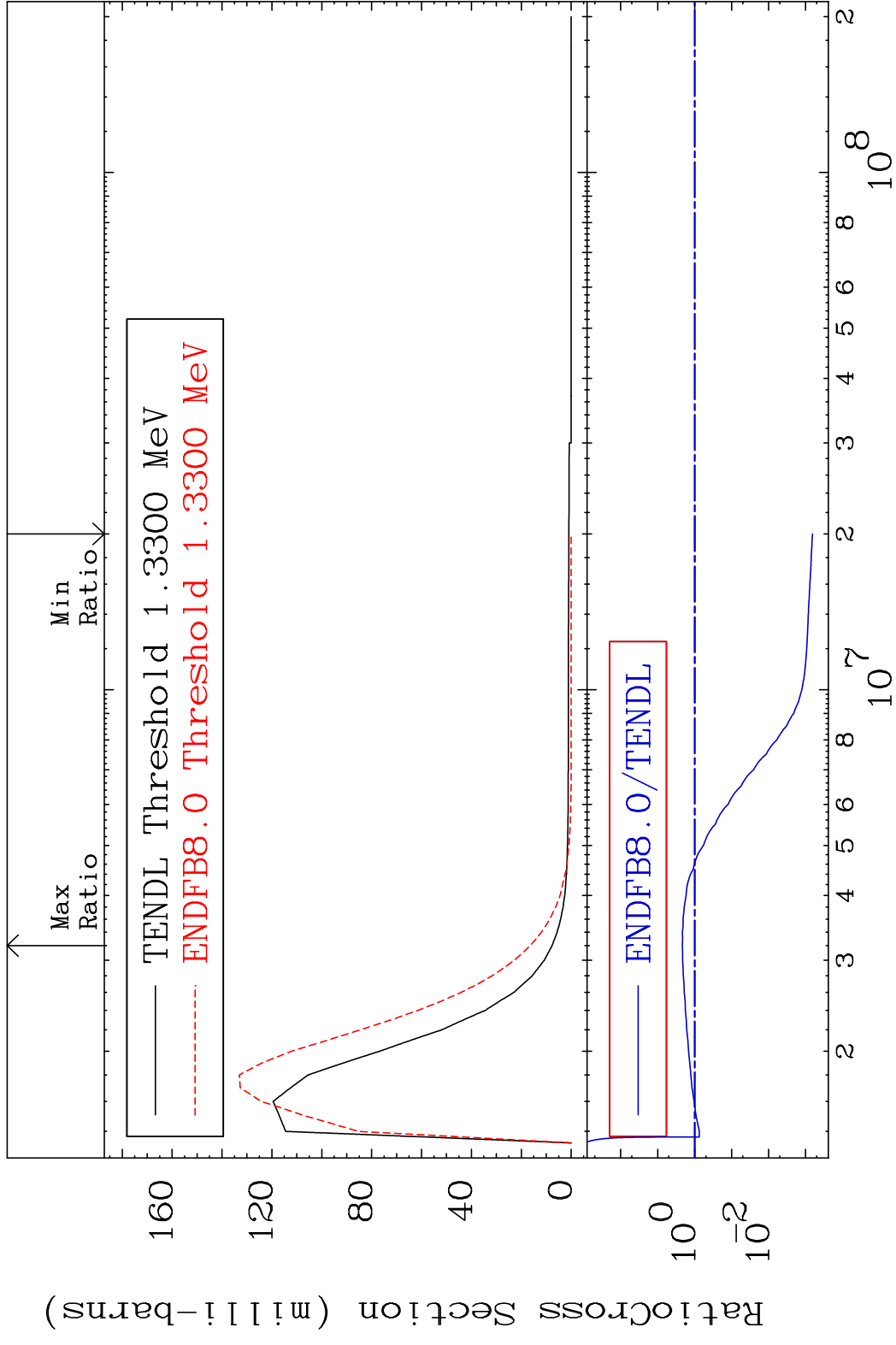


MAT 7237

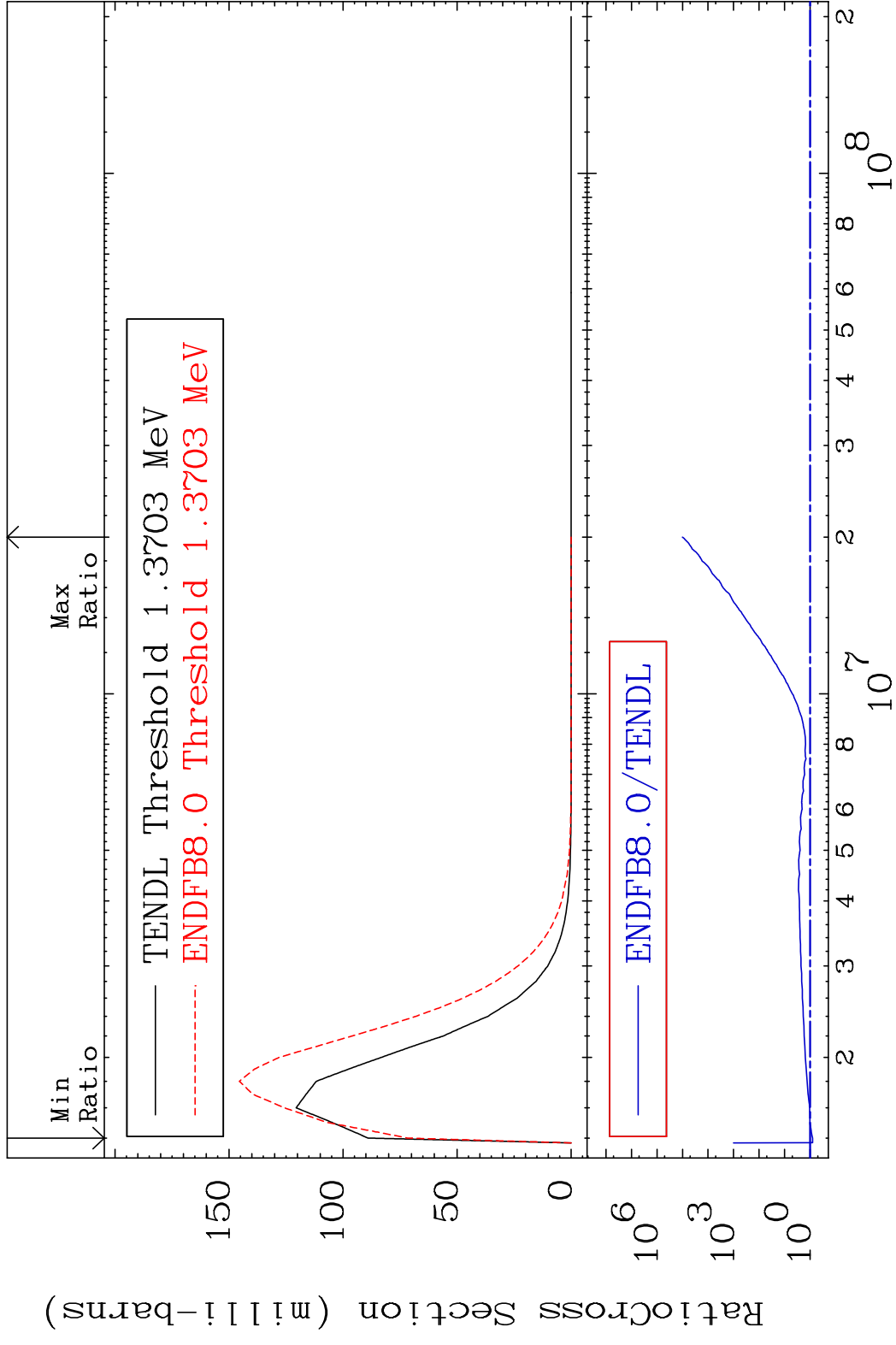
MT= 62 (n, n') Level

72-Hf-178

Cross Section -99.94 To 114.9 %



MAT 7237 MT= 63 (n, n') Level 72-Hf-178
 Cross Section -19.49 To 9999. %

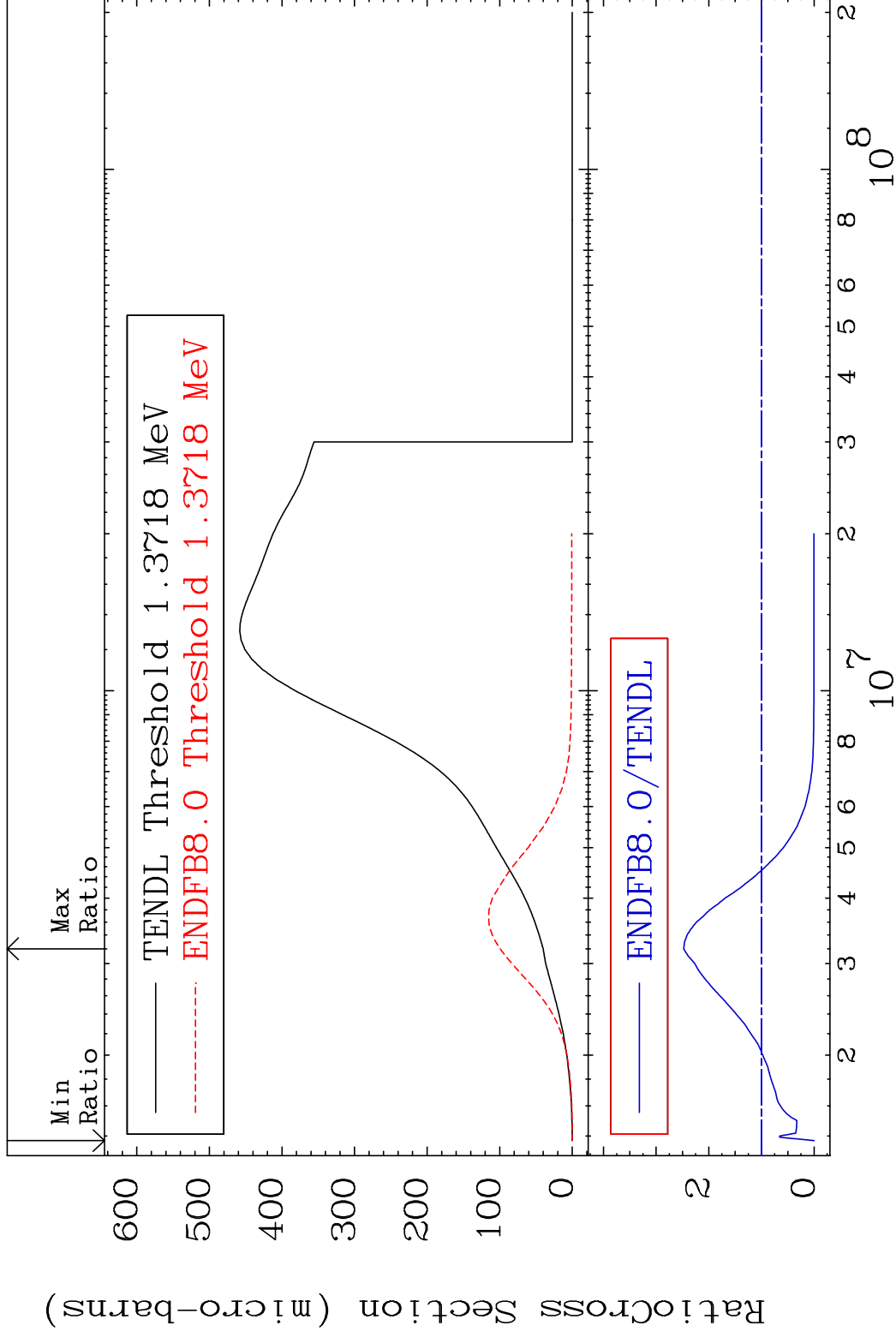


MAT 7237

MT= 64 (n, n') Level

72-Hf-178

Cross Section -100.0 To 147.7 %



21

Incident Energy (eV)

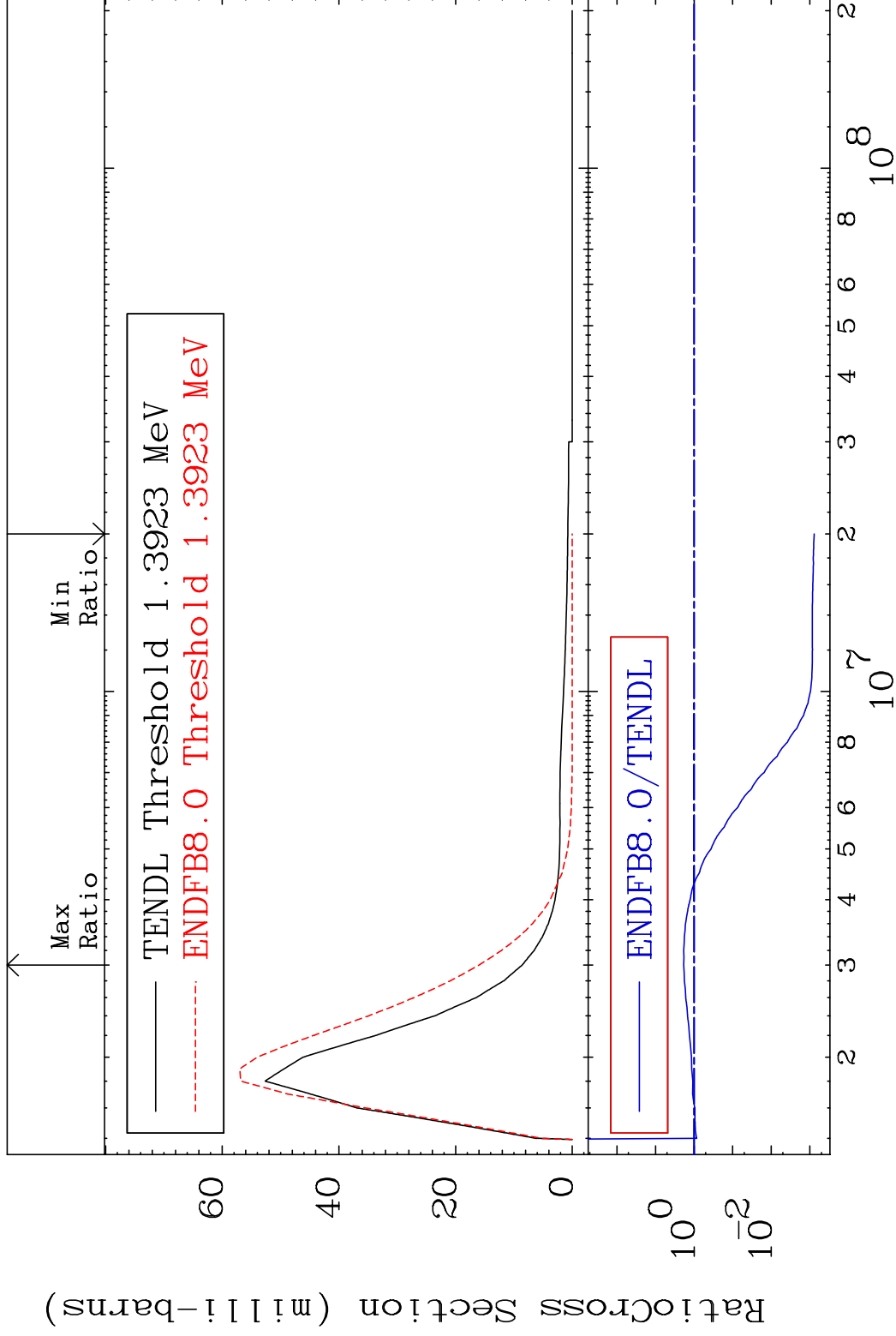
72-Hf-178

MAT 7237

MT= 65 (n,n') Level

72-Hf-178

Cross Section -99.92 To 86.30 %

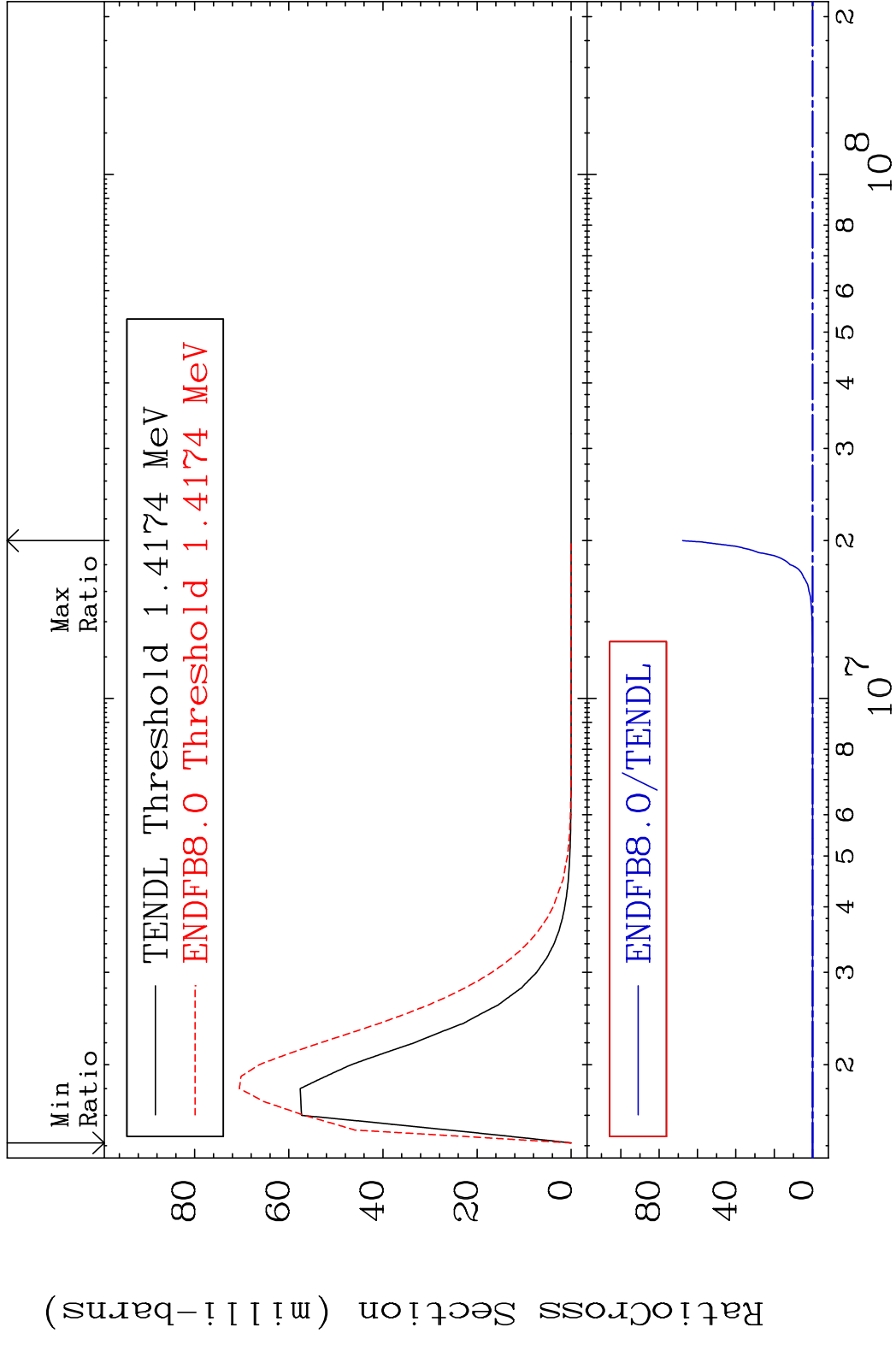


22

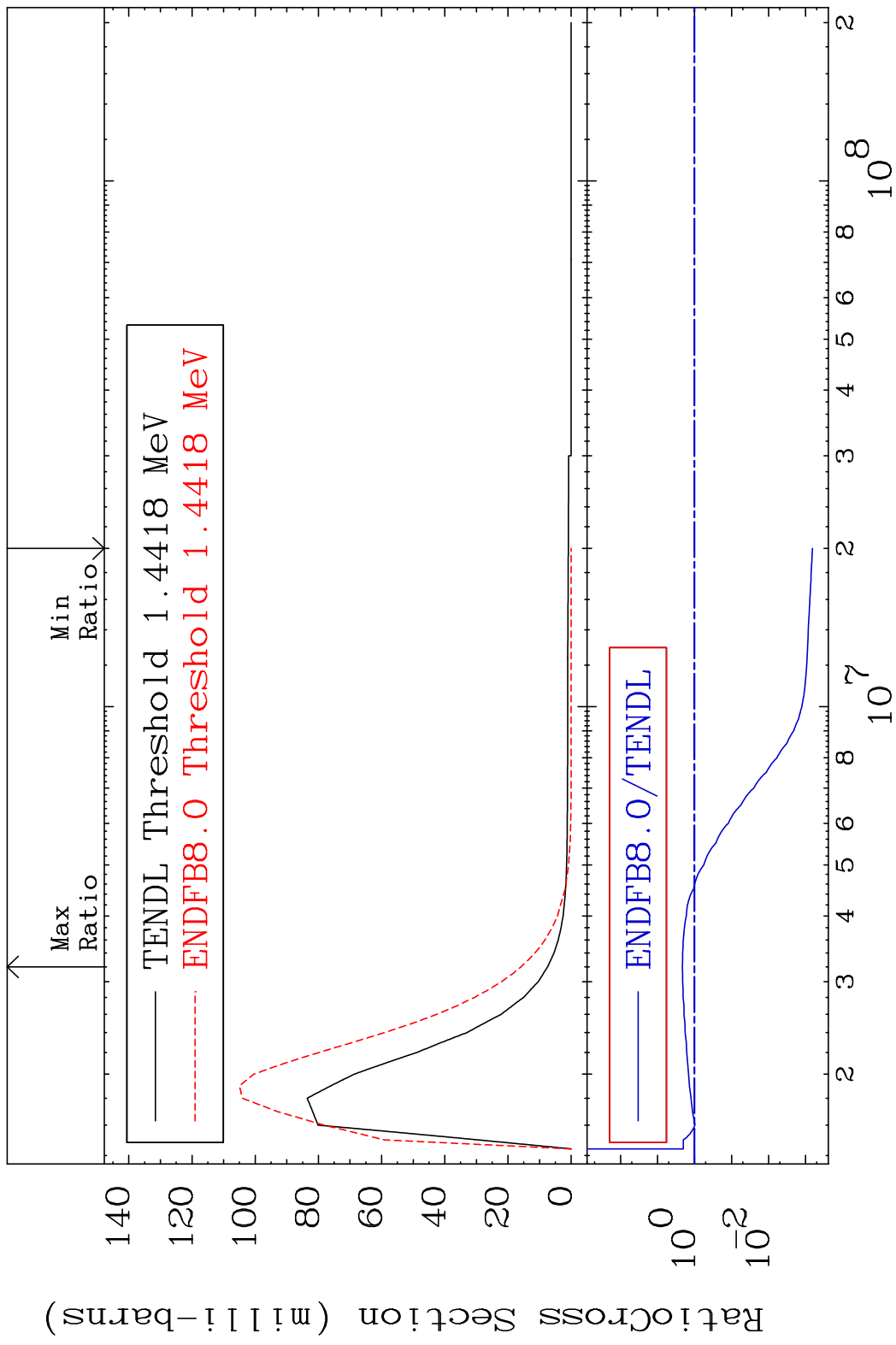
Incident Energy (eV)

72-Hf-178

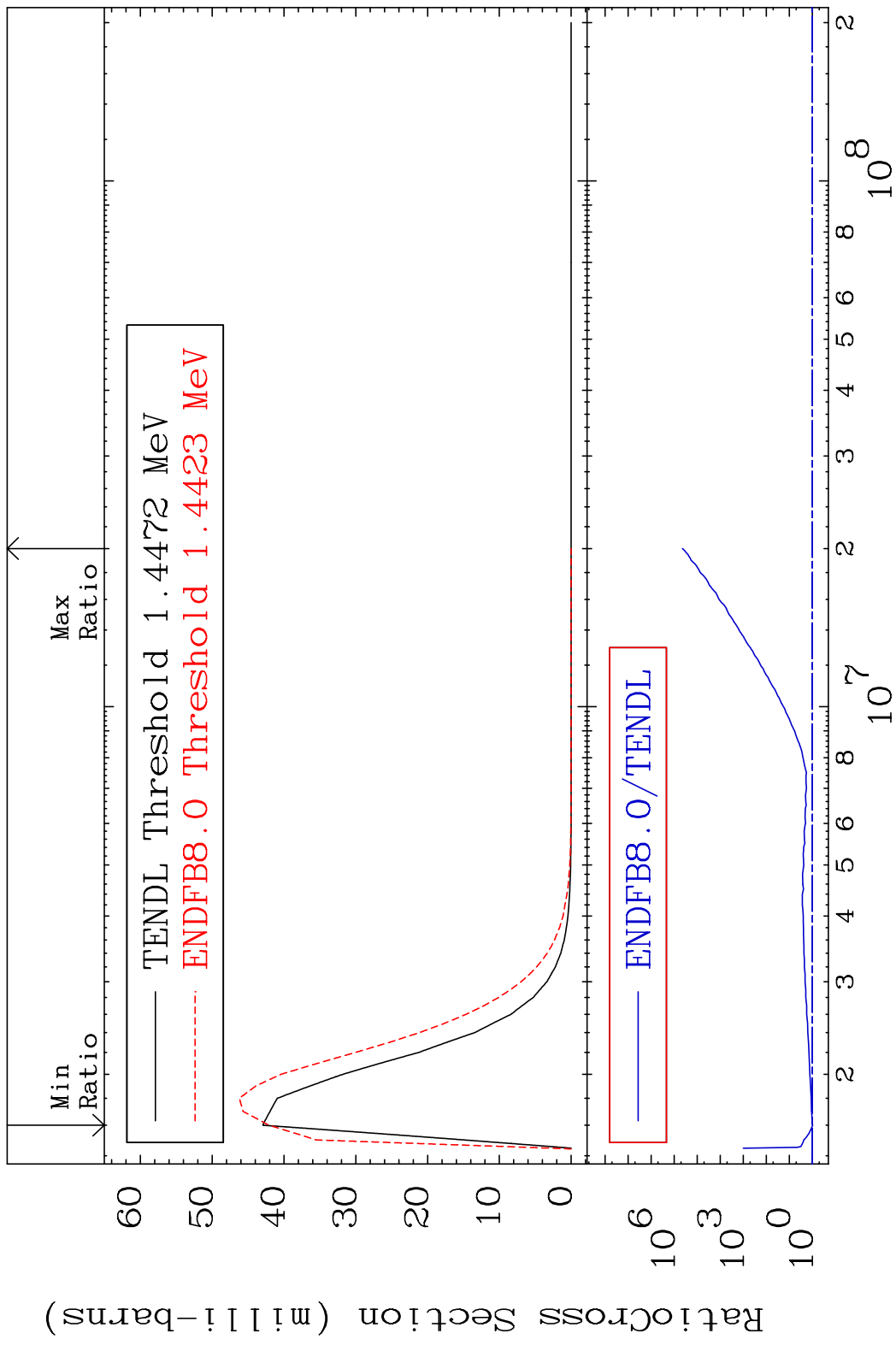
MAT 7237 MT= 66 (n, n') Level 72-Hf-178
 Cross Section -100.0 To 9999. %



MAT 7237 MT= 67 (n, n') Level 72-Hf-178
 Cross Section -99.94 To 113.9 %

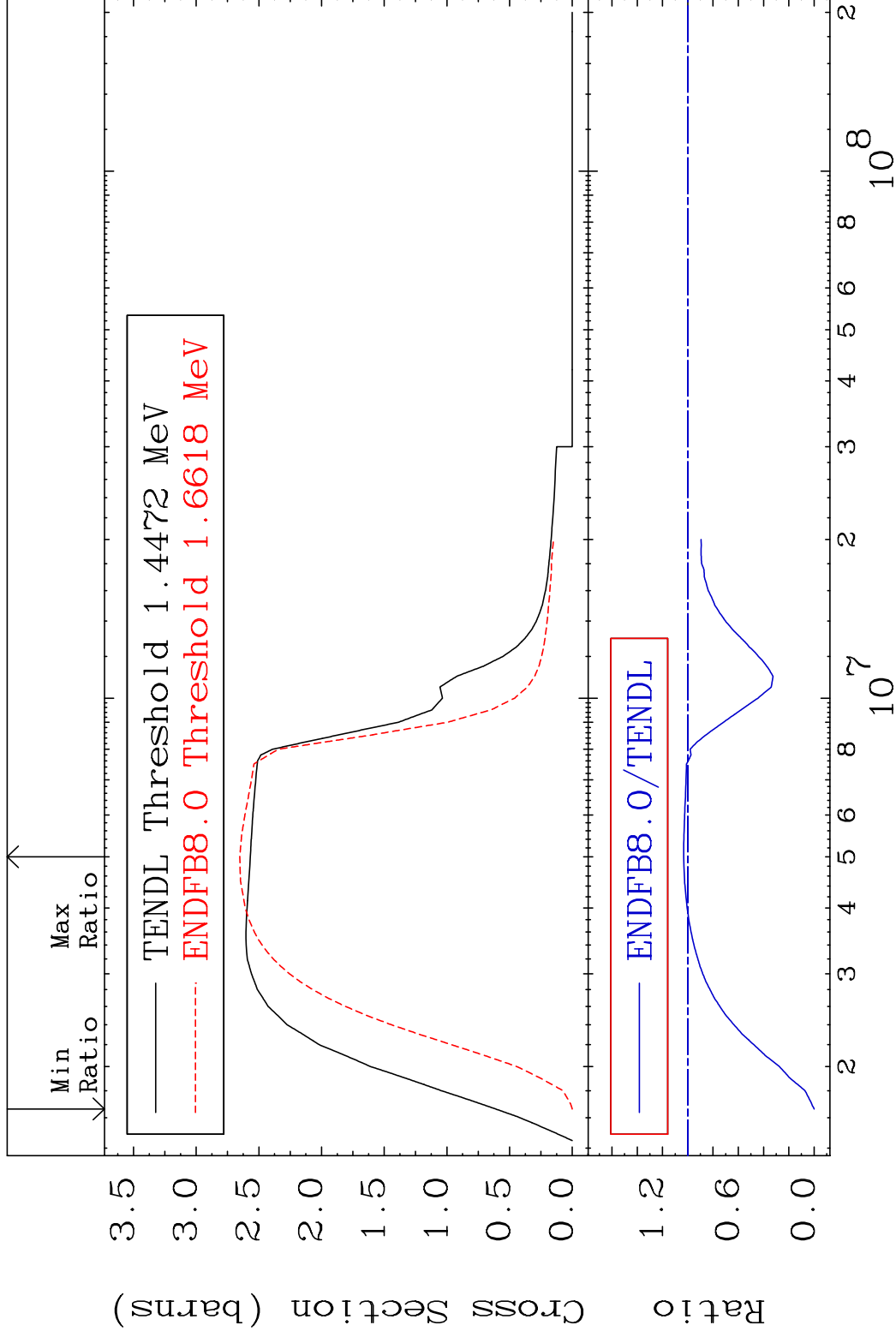


MAT 7237 MT= 68 (n, n') Level 72-Hf-178
 Cross Section -1.996 To 9999. %



MAT 7237

(n, n') Continuum 72-Hf-178
Cross Section -100.0 To 3.258 %



26

Incident Energy (eV)

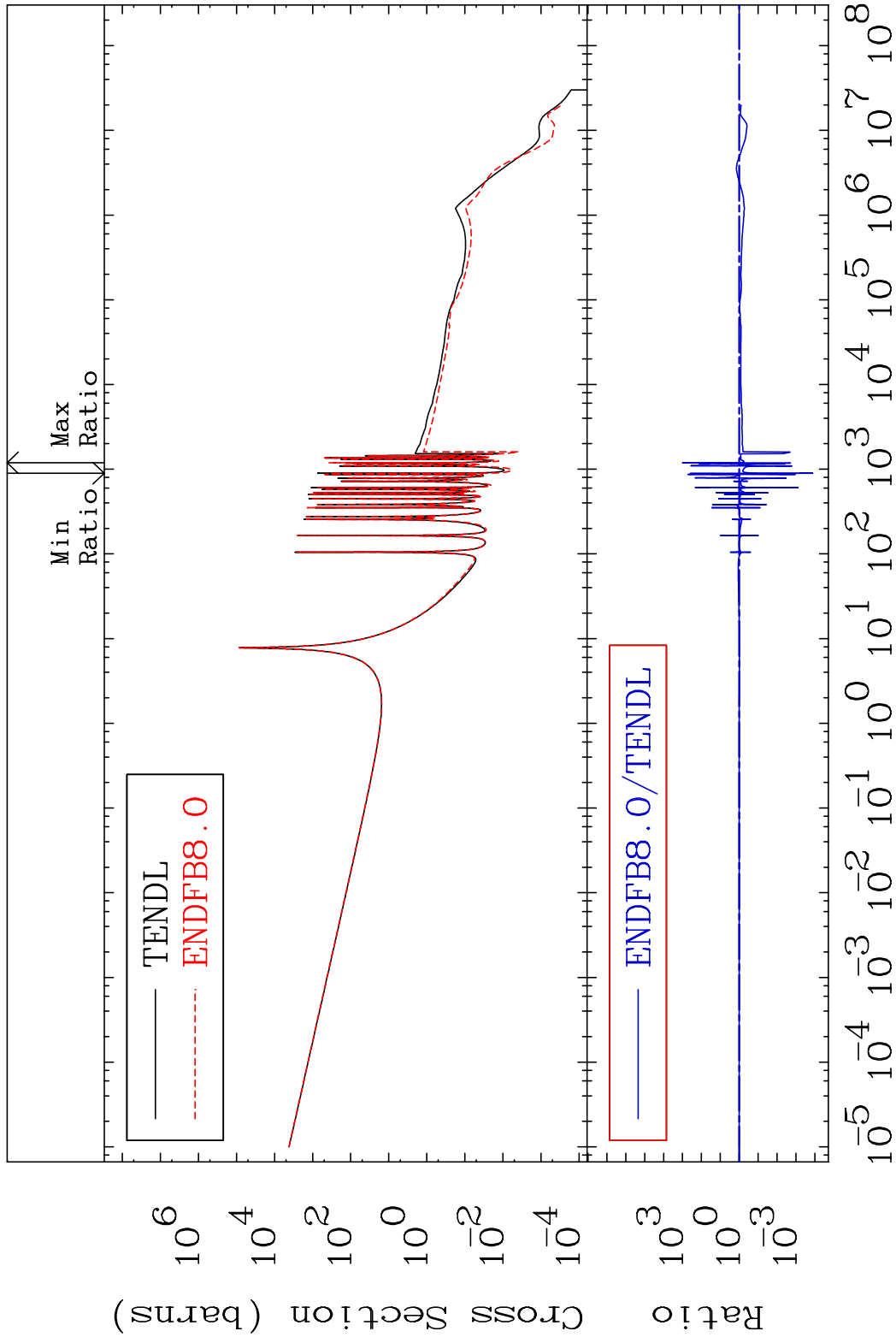
72-Hf-178

MAT 7237

(n, γ)

72-Hf-178

Cross Section -99.99 To 9999. %



27

Incident Energy (eV)

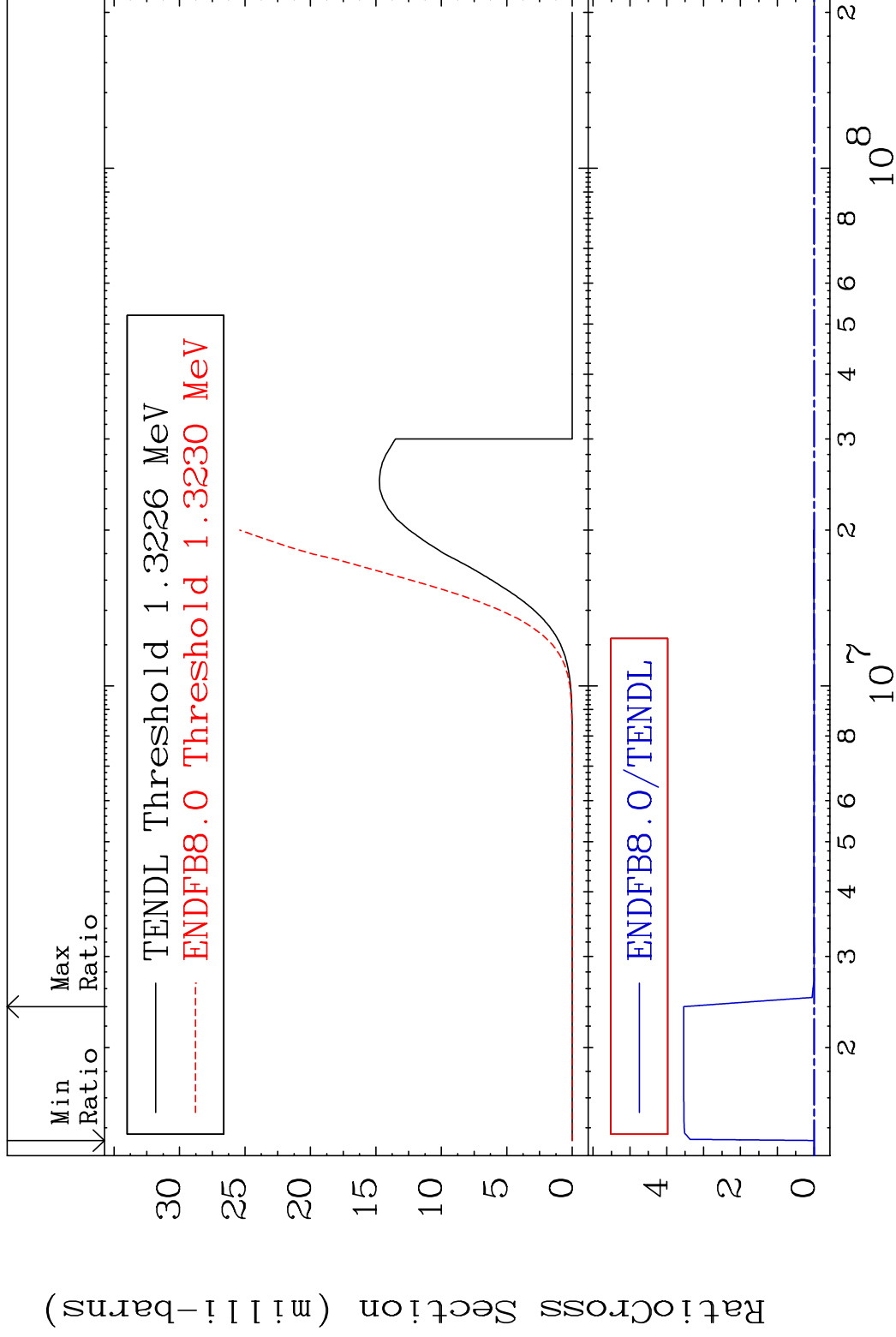
72-Hf-178

MAT 7237

(n,p)

72-Hf-178

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

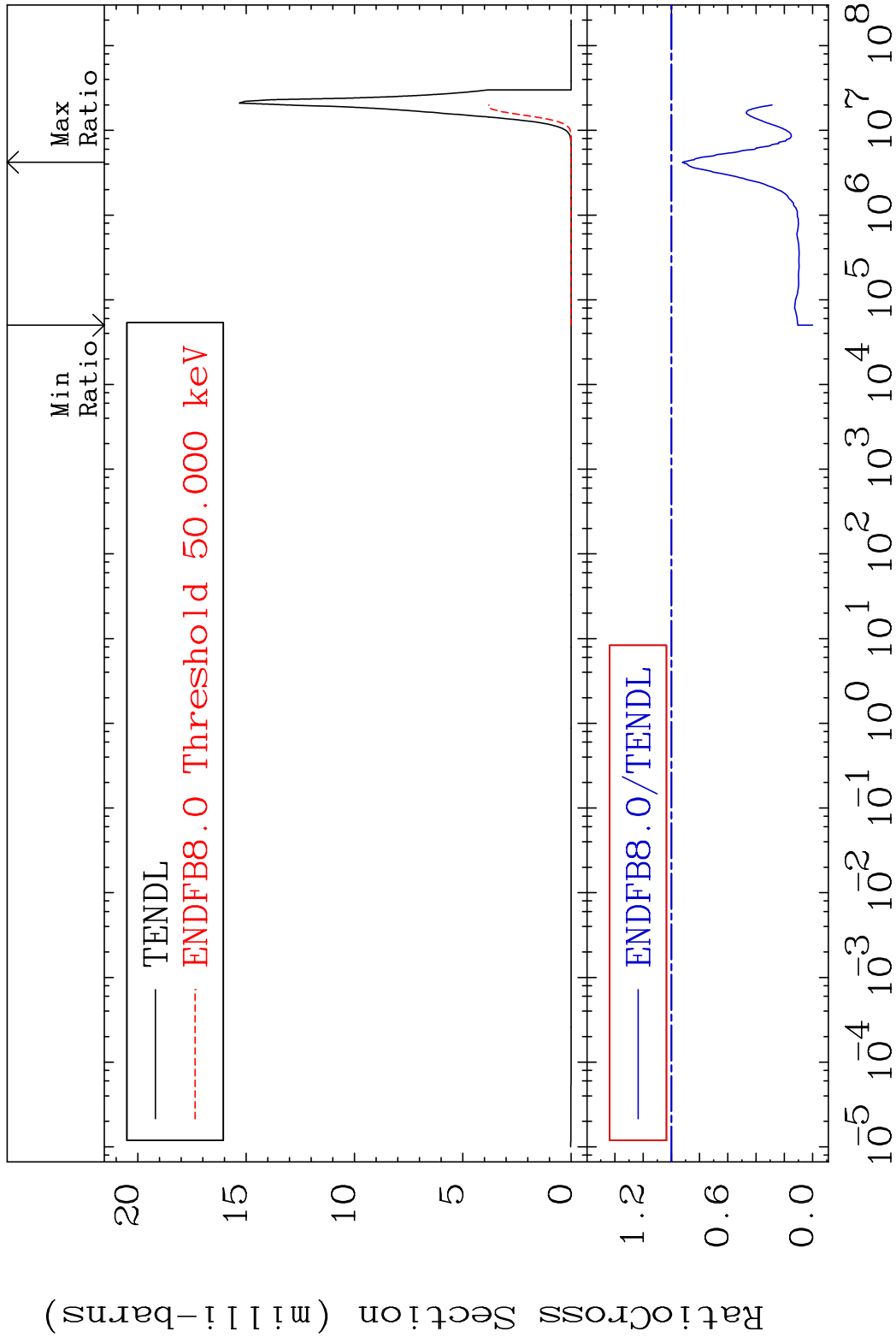
72-Hf-178

MAT 7237

(n, α)

72-Hf-178

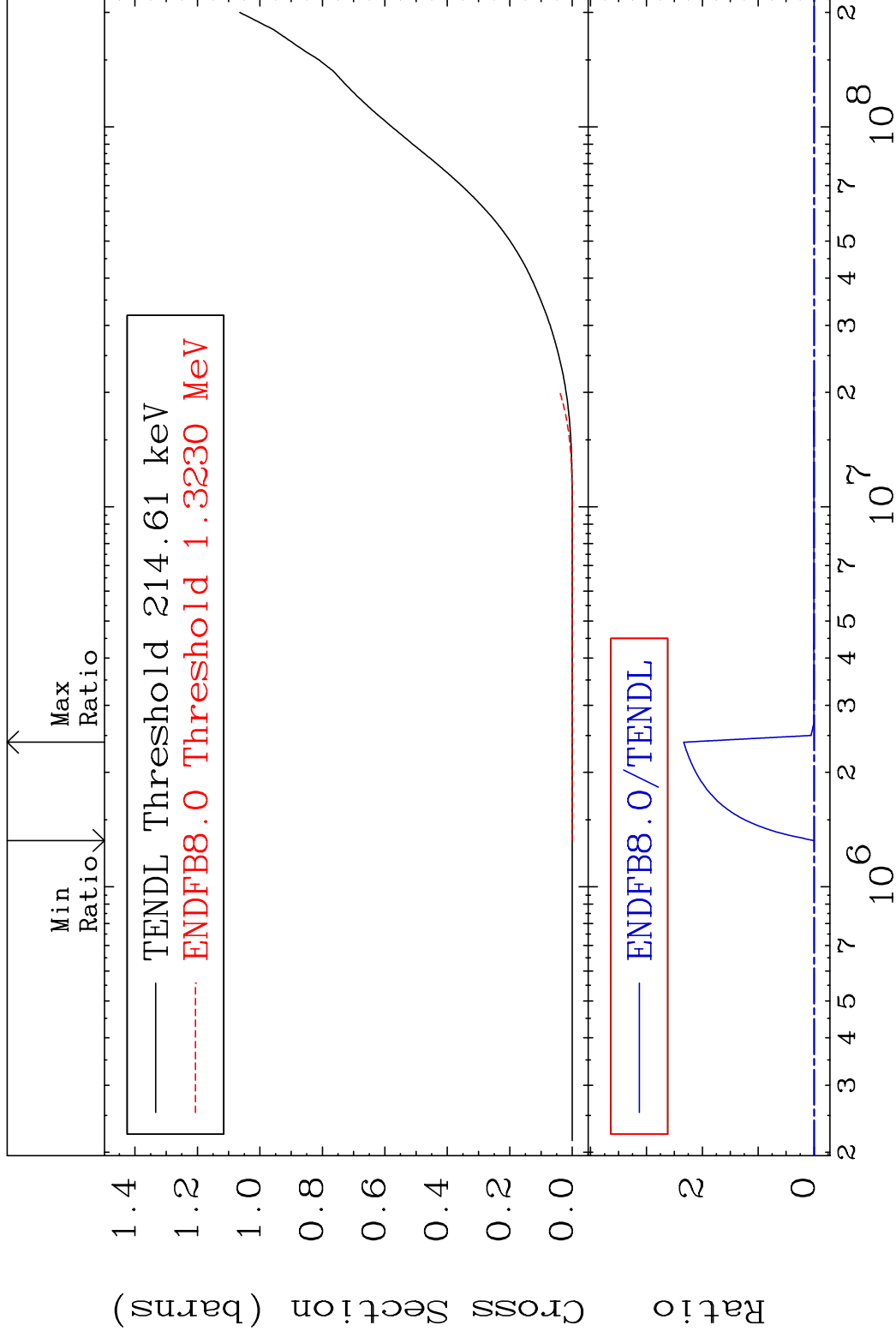
Cross Section -100.0 To -7.790%



29

Incident Energy (eV)

72-Hf-178

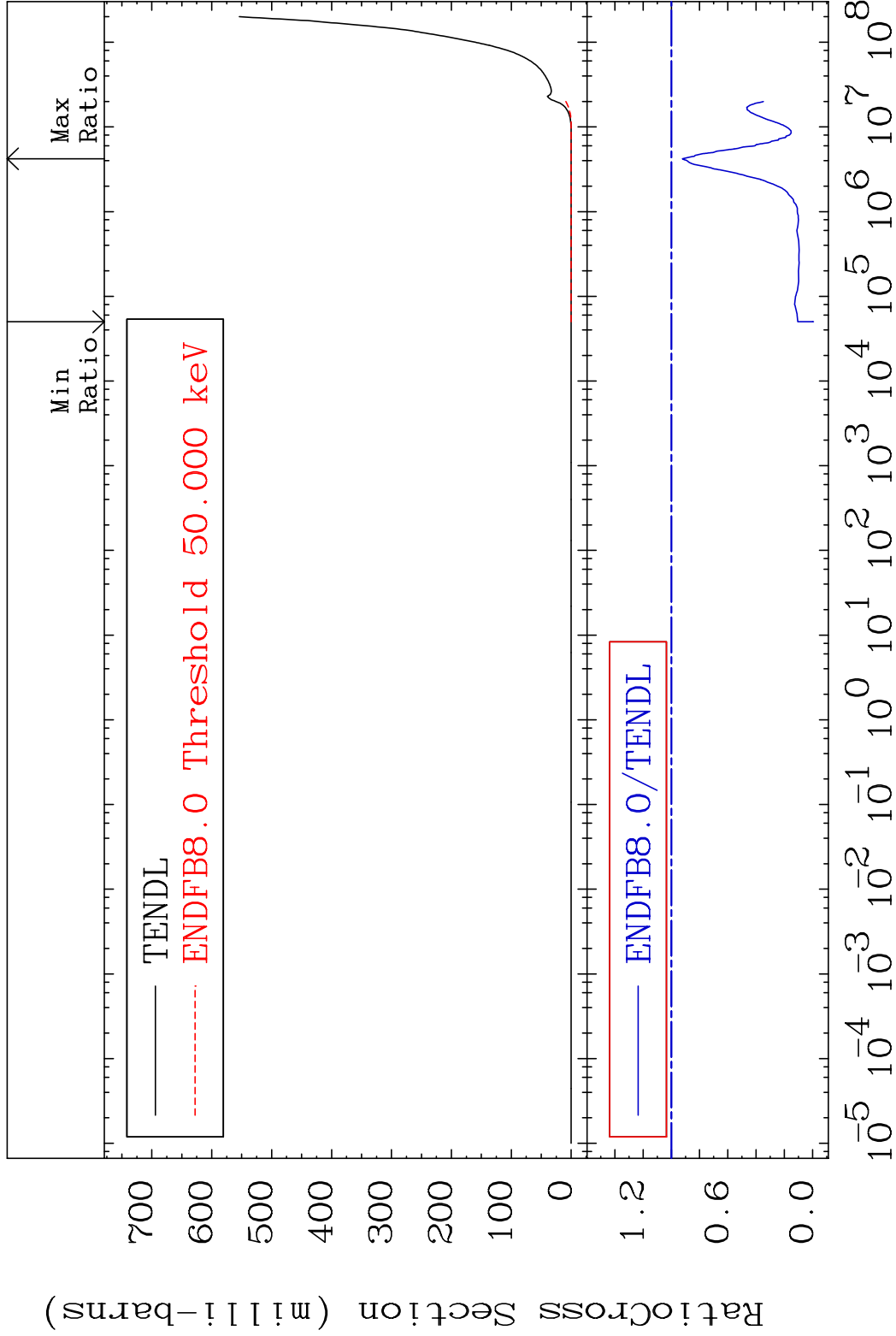


MAT 7237

He-4 Production

72-Hf-178

Cross Section -100.0 To -7.790%

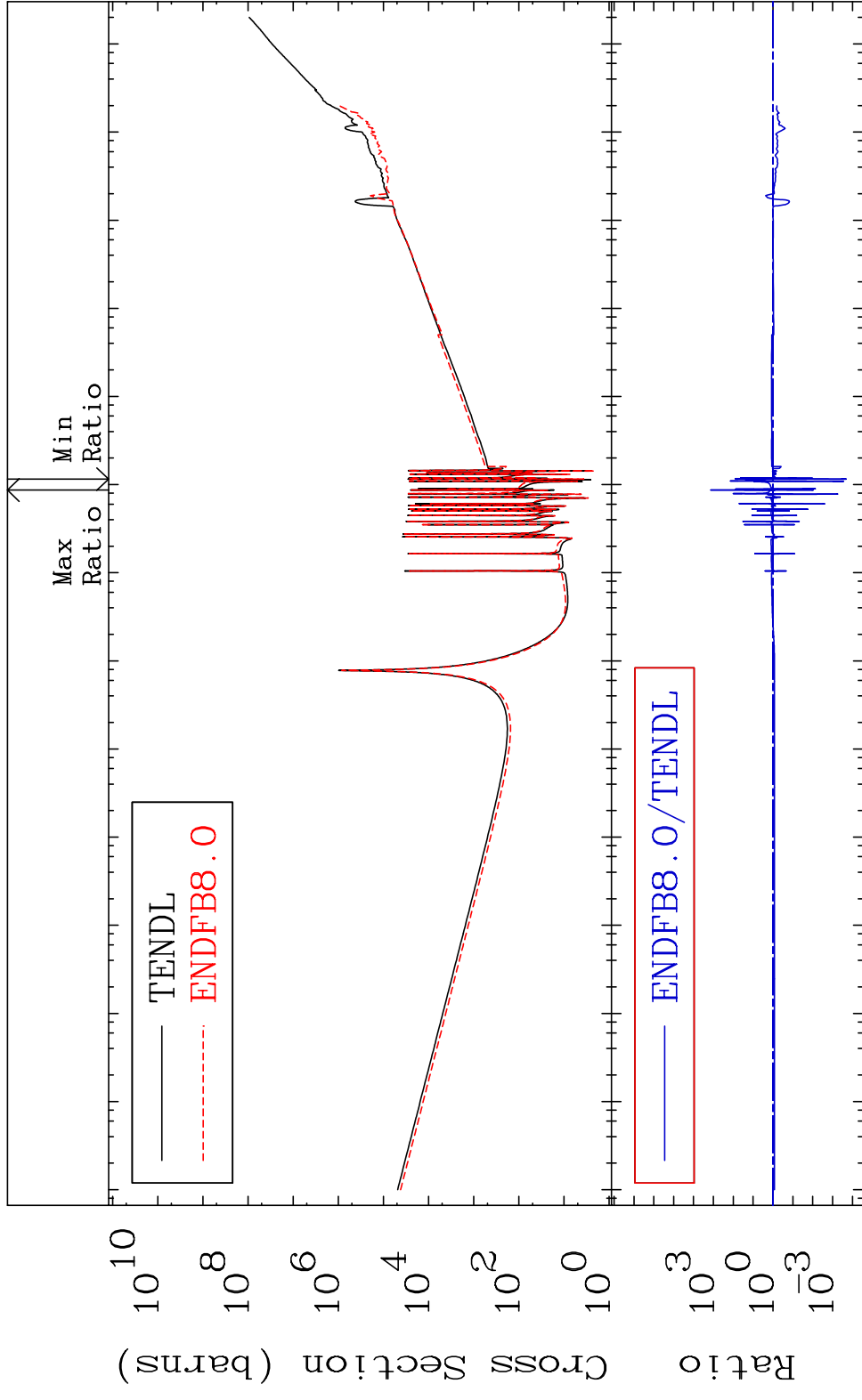


31

Incident Energy (eV)

72-Hf-178

MAT 7237 Kerma total (eV-barns) 72-Hf-178
 Cross Section -99.98 To 9999. %

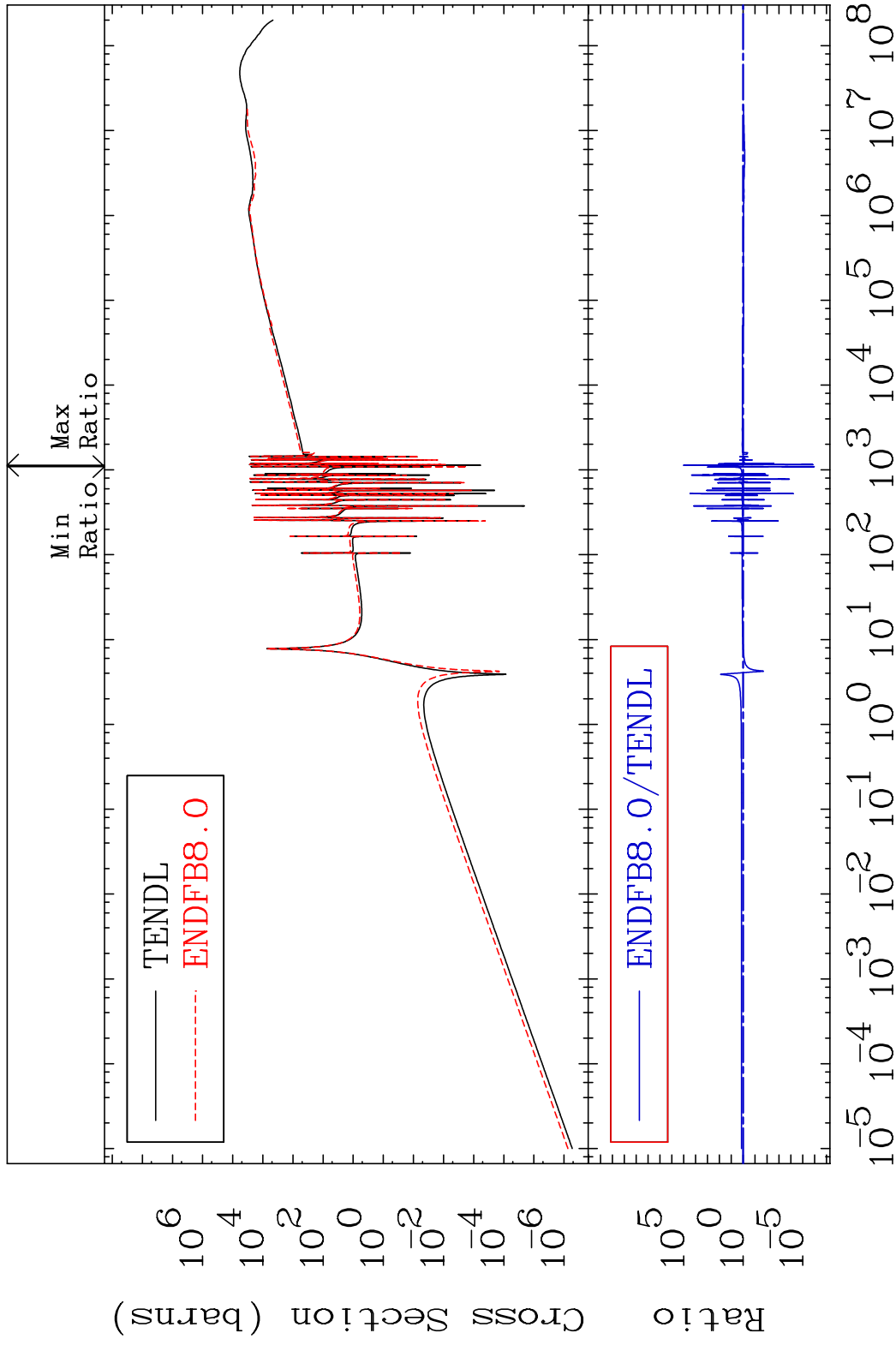


MAT 7237

Kerma elastic

72-Hf-178

Cross Section -100.0 To 9999. %

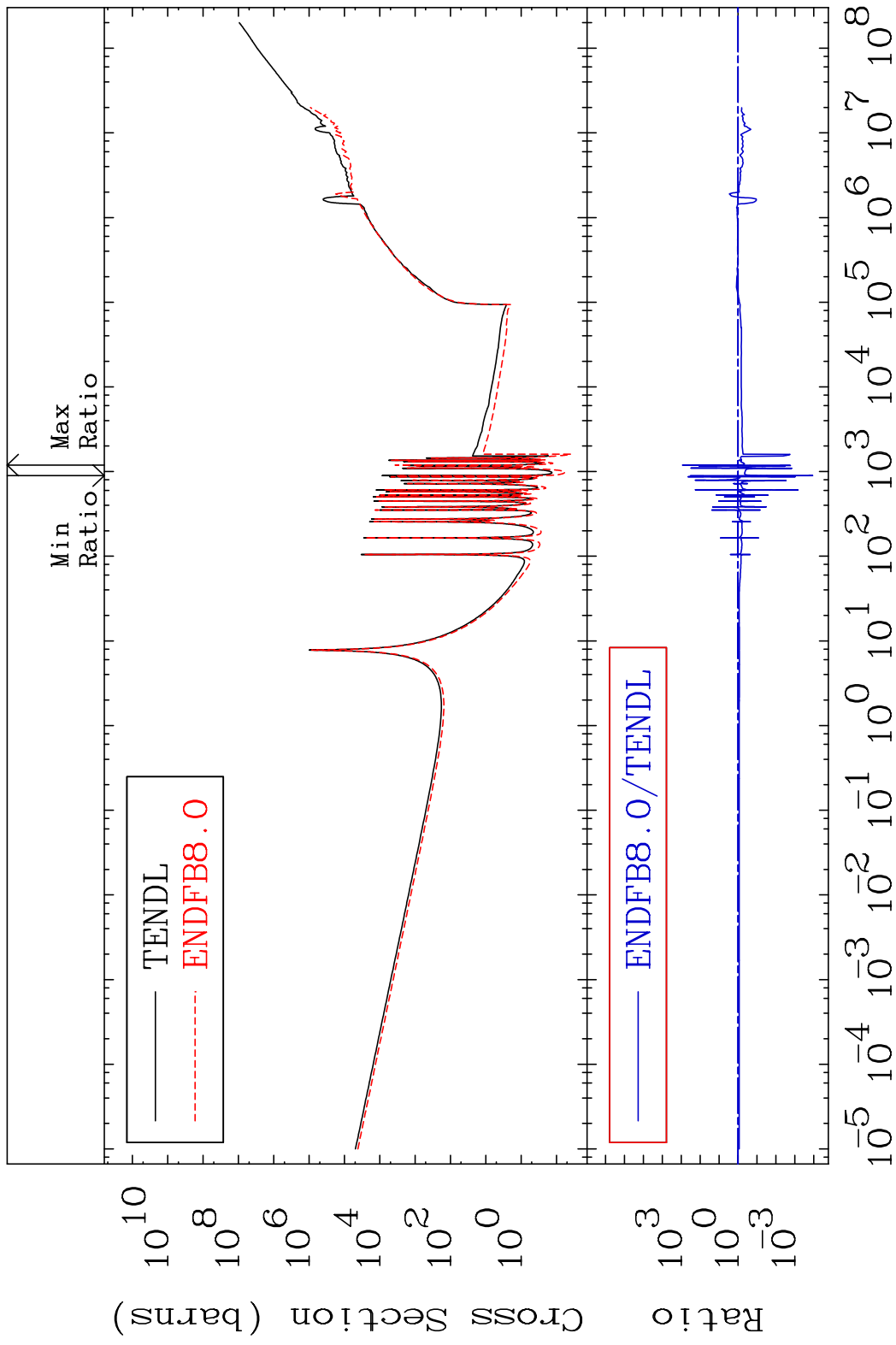


33

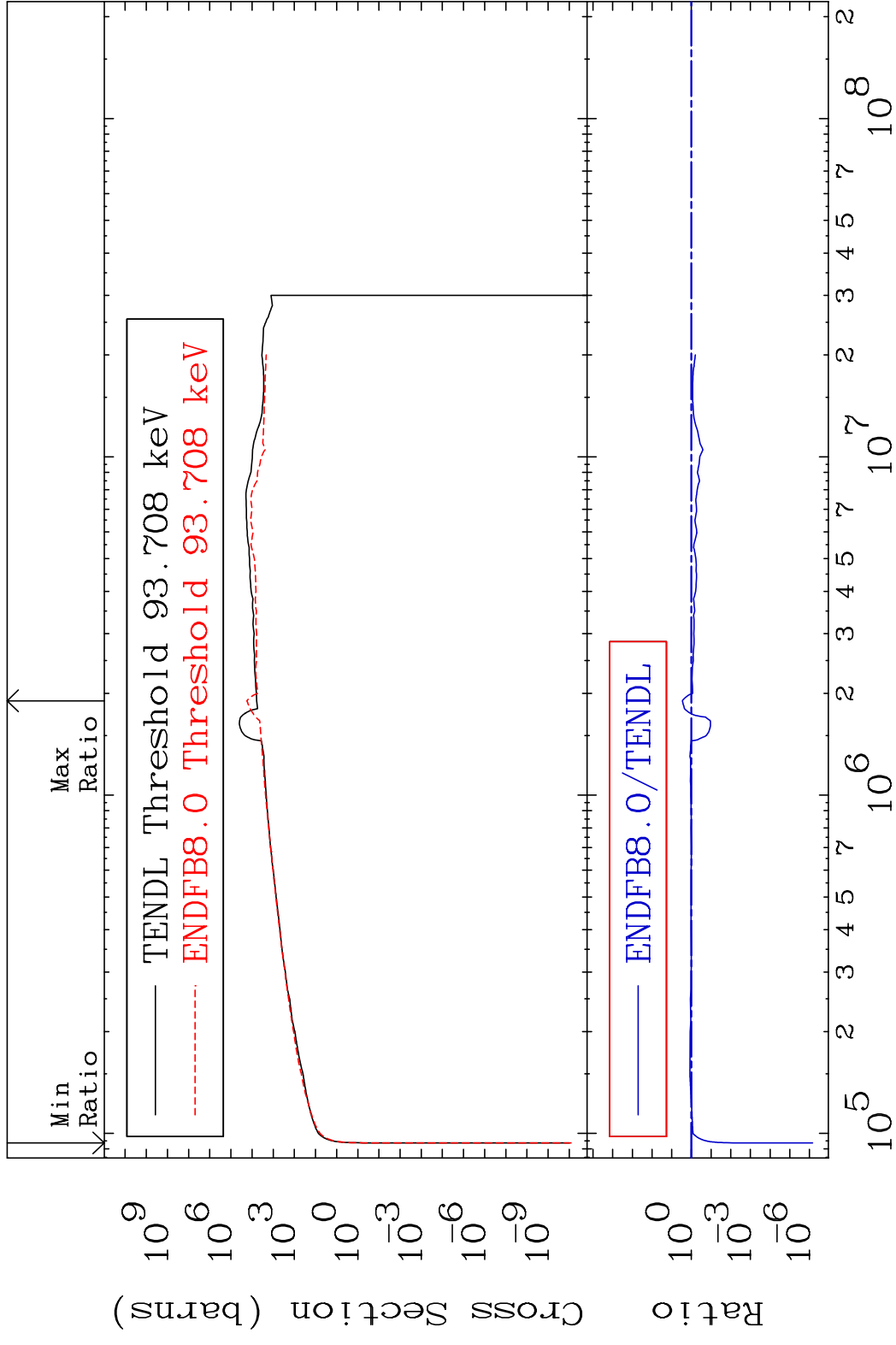
Incident Energy (eV)

72-Hf-178

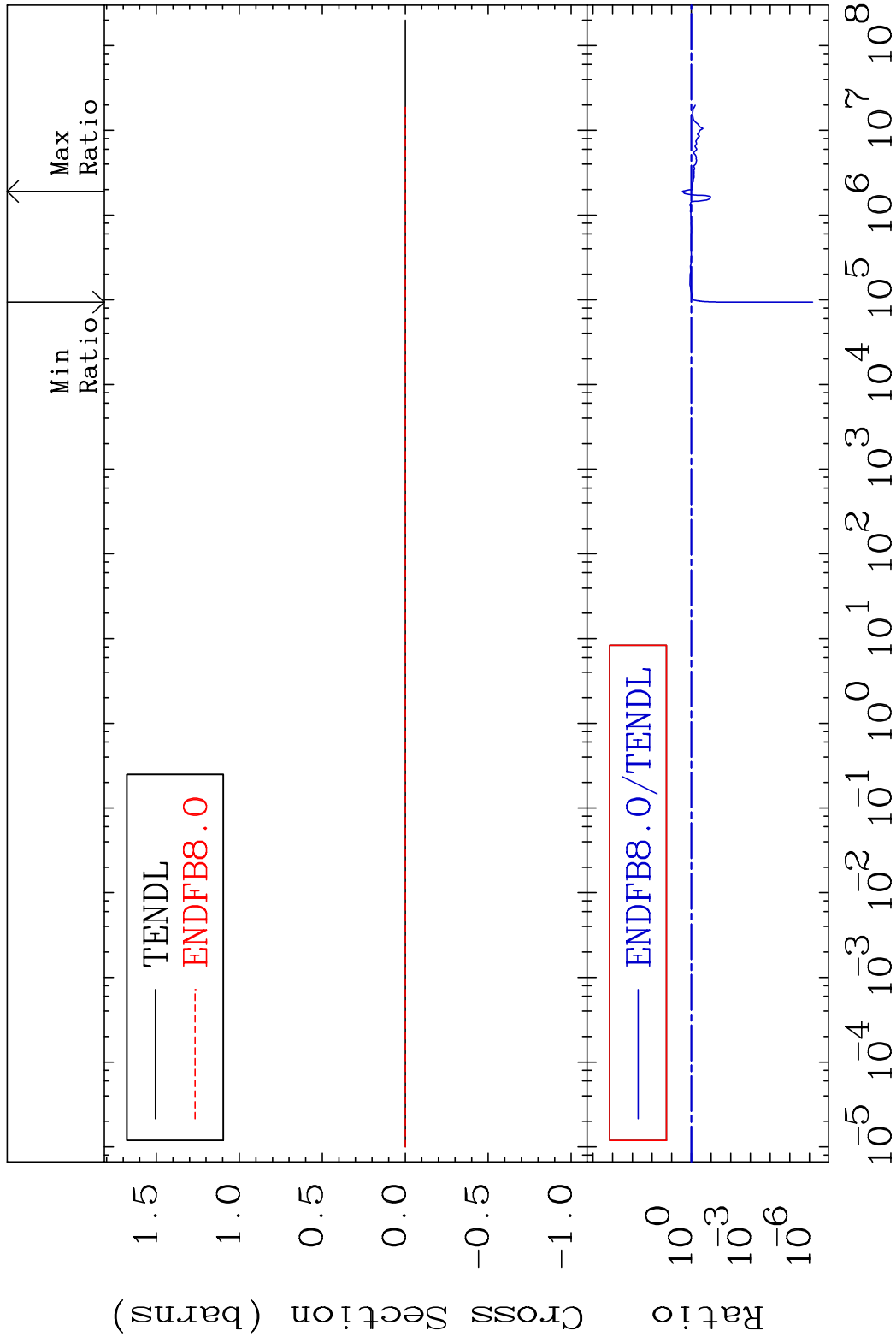
MAT 7237 Kerma non-elastic (all but mt2) 72-Hf-178
 Cross Section -99.99 To 9999. %



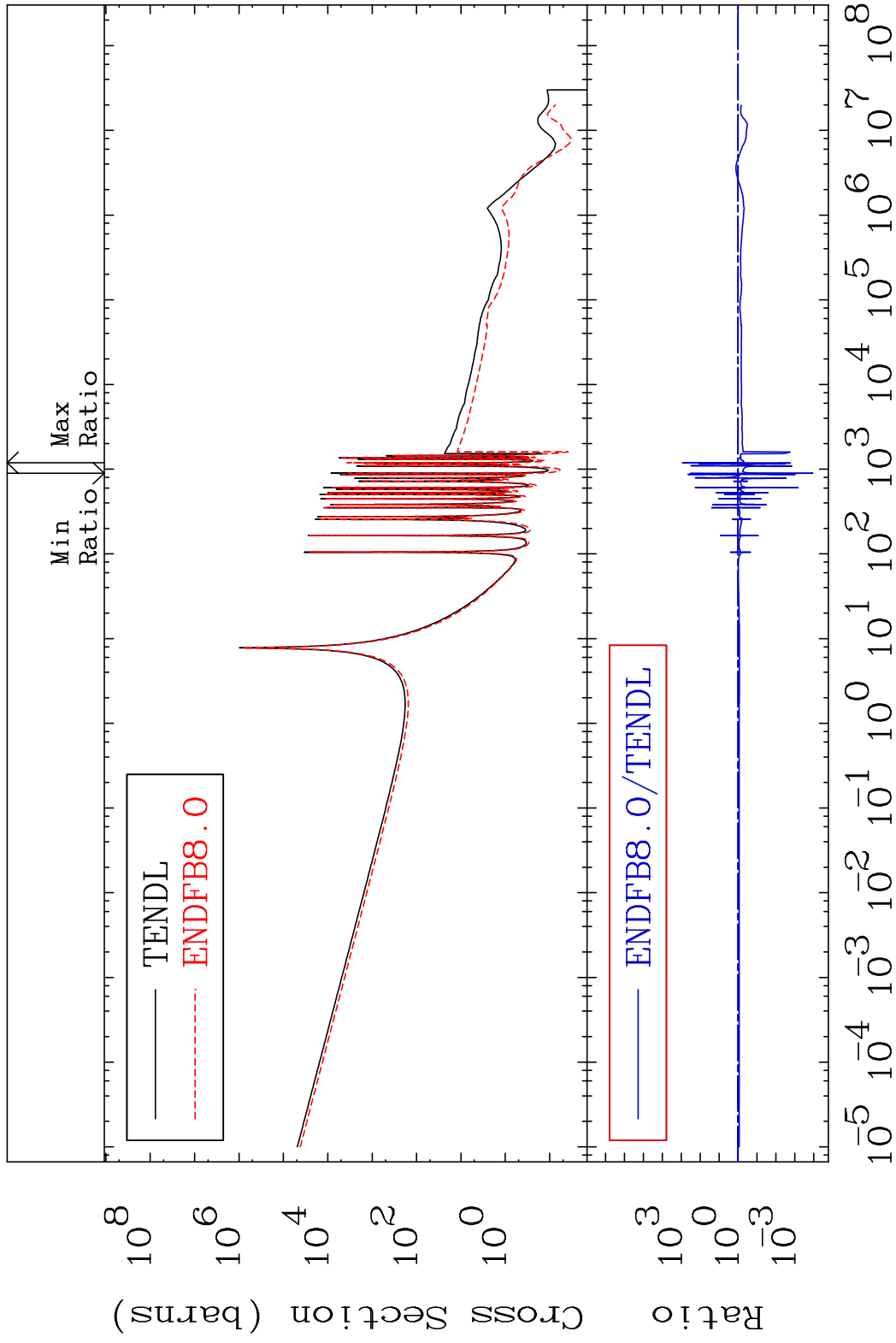
MAT 7237 Kerma inelastic (mt51-91) 72-Hf-178
 Cross Section -100.0 To 187.9 %



MAT 7237 Kerma fission (mt18 or mt19-20-21-38)72-Hf-178
 Cross Section -100.0 To 187.9 %



Cross Section -99.99 To 9999. %

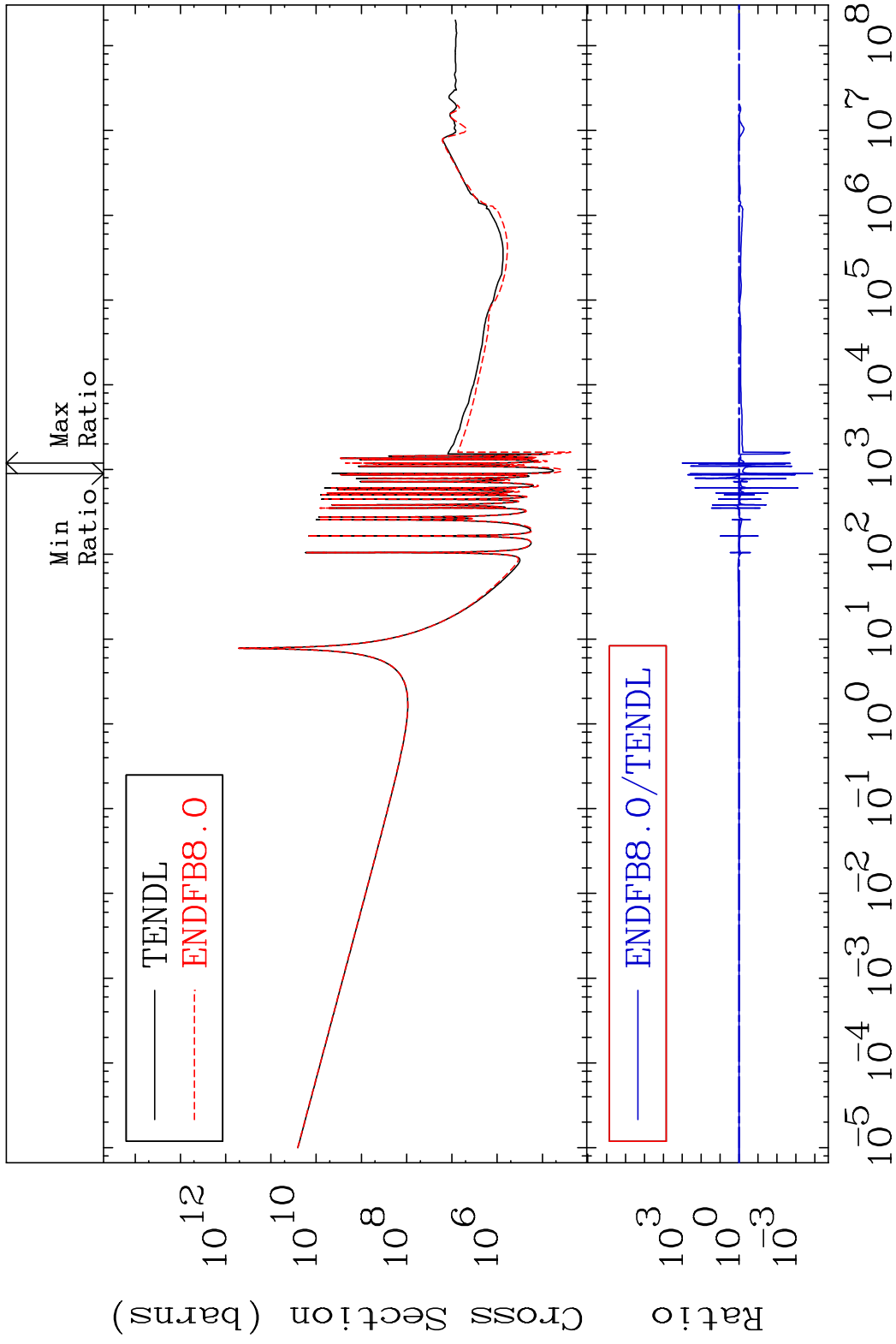


MAT 7237

Total photon (eV-barns)

72-Hf-178

Cross Section -99.99 To 9999. %

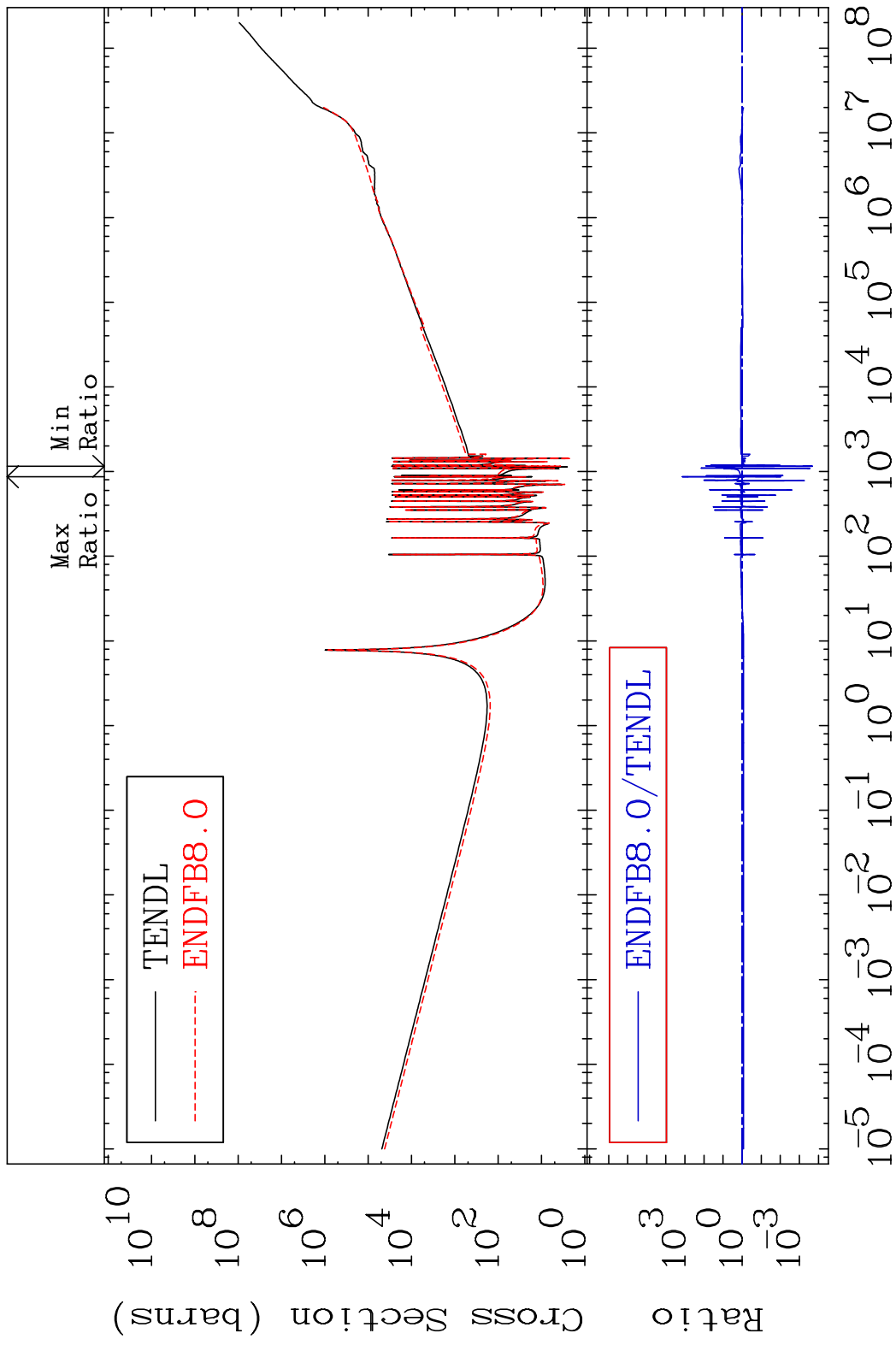


38

Incident Energy (eV)

72-Hf-178

MAT 7237 Total kinematic kerma (high limit) 72-Hf-178
 Cross Section -99.98 To 9999. %

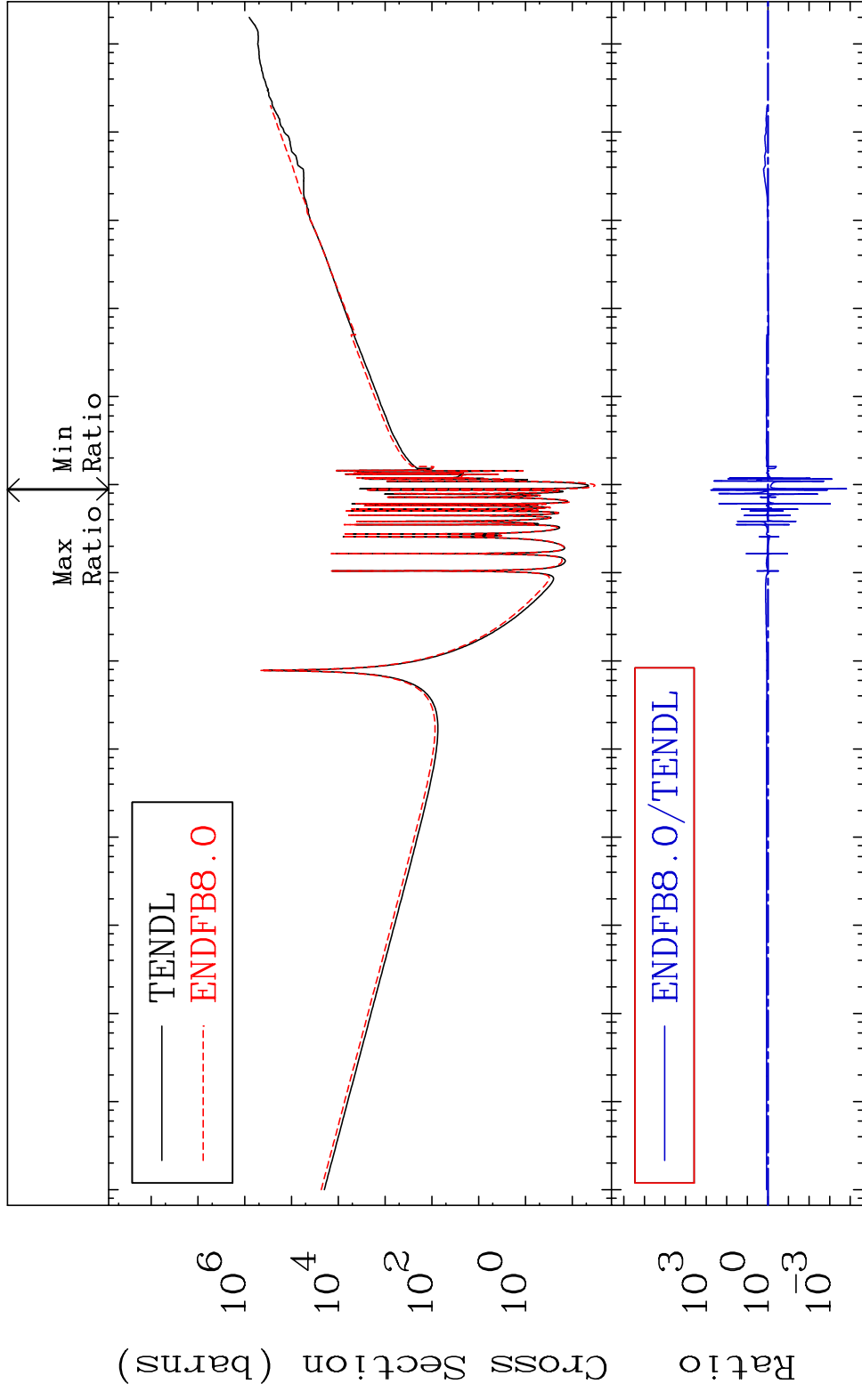


MAT 7237

Dpa total (eV-barns)

72-Hf-178

Cross Section -99.98 To 9999. %



40

Incident Energy (eV)

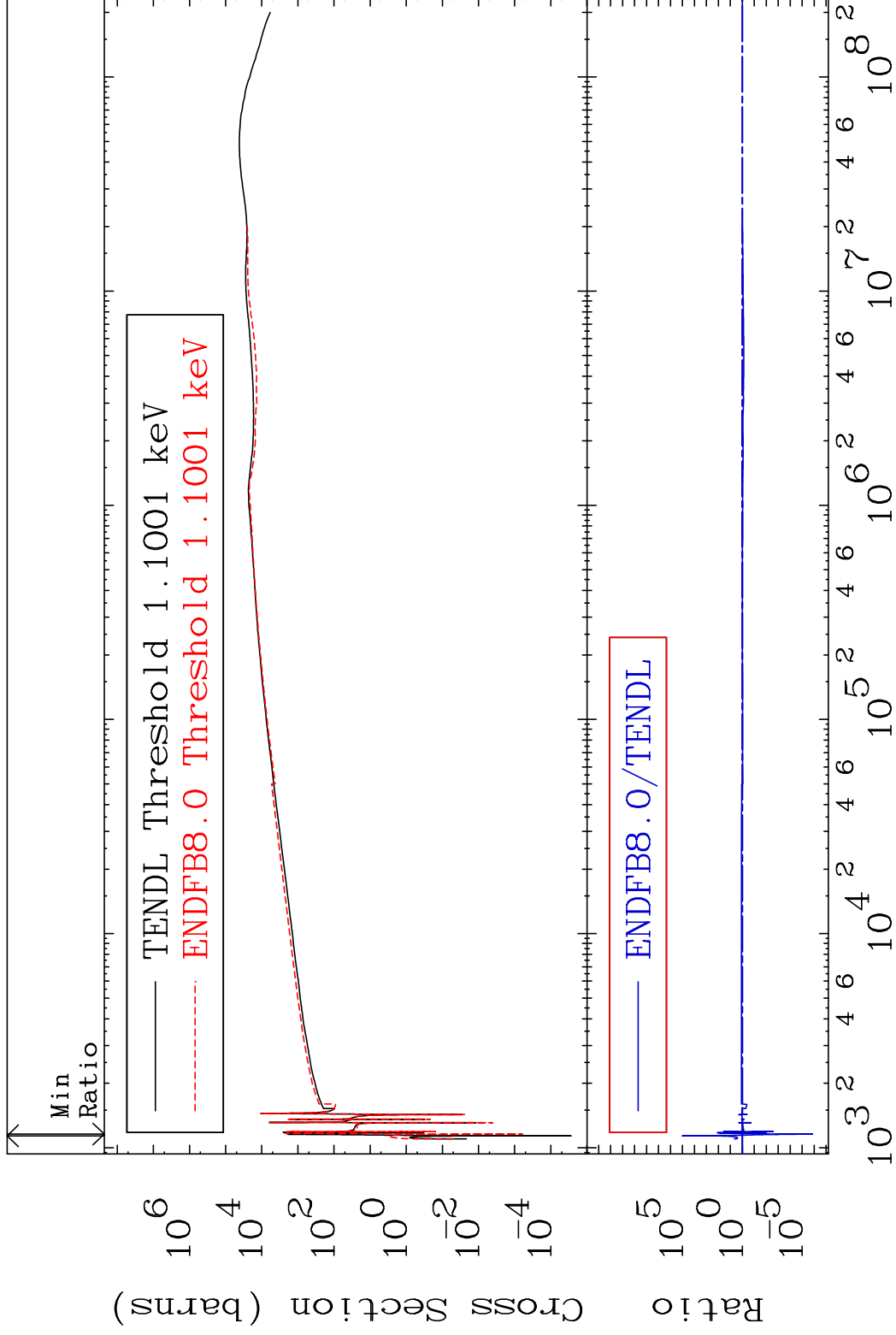
72-Hf-178

MAT 7237

Dpa elastic (mt2)

72-Hf-178

Cross Section -100.0 To 9999. %

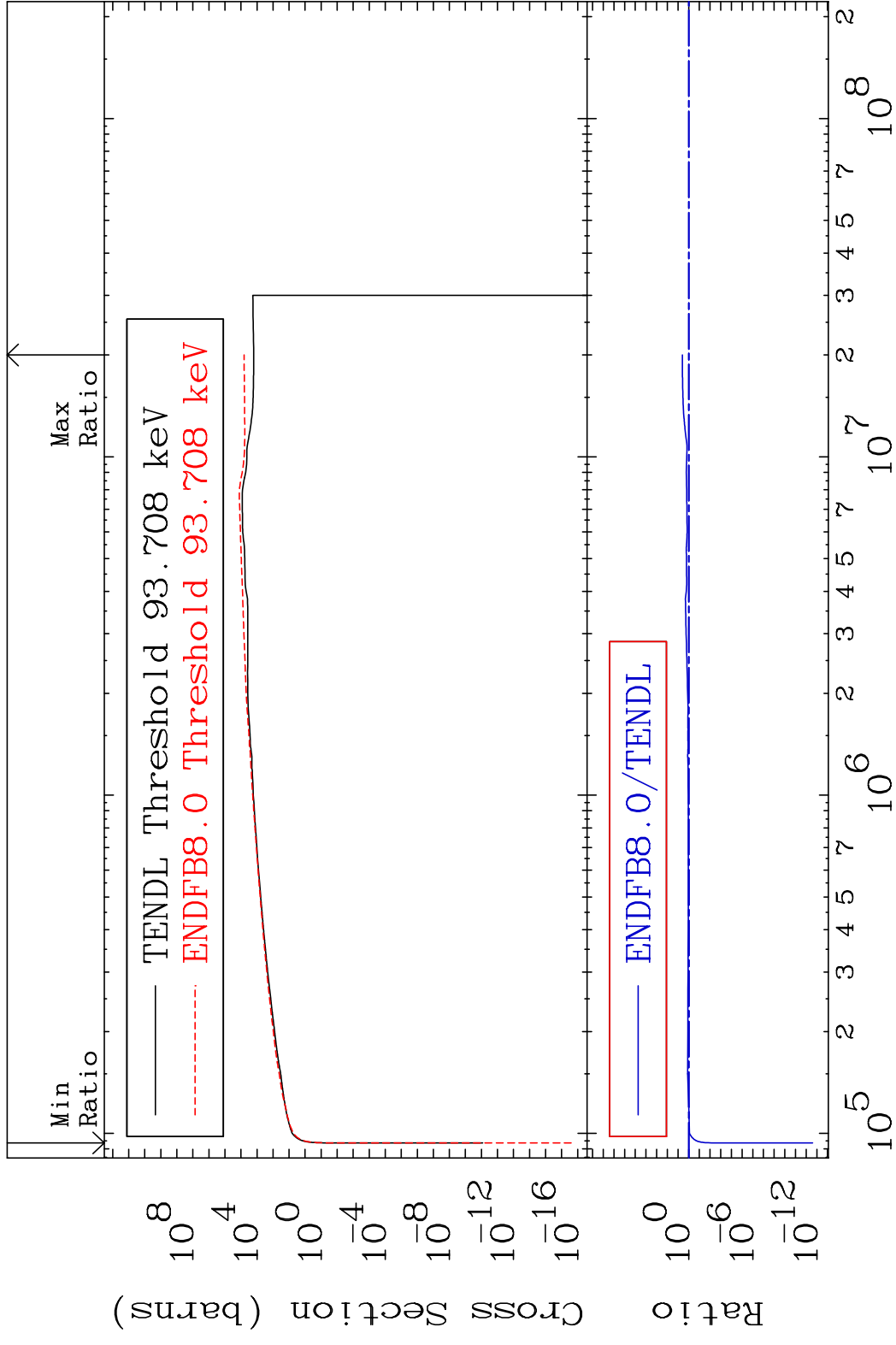


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Incident Energy (eV)

72-Hf-178

MAT 7237 Dpa inelastic (mt51-91) 72-Hf-178
 Cross Section -100.0 To 291.7 %



42 Incident Energy (eV) 72-Hf-178

MAT 7237 Dpa disappearance (mt102 -120) 72-Hf-178
 Cross Section -99.98 To 9999. %

