

Program Complot  
(Version 2021-1)

by

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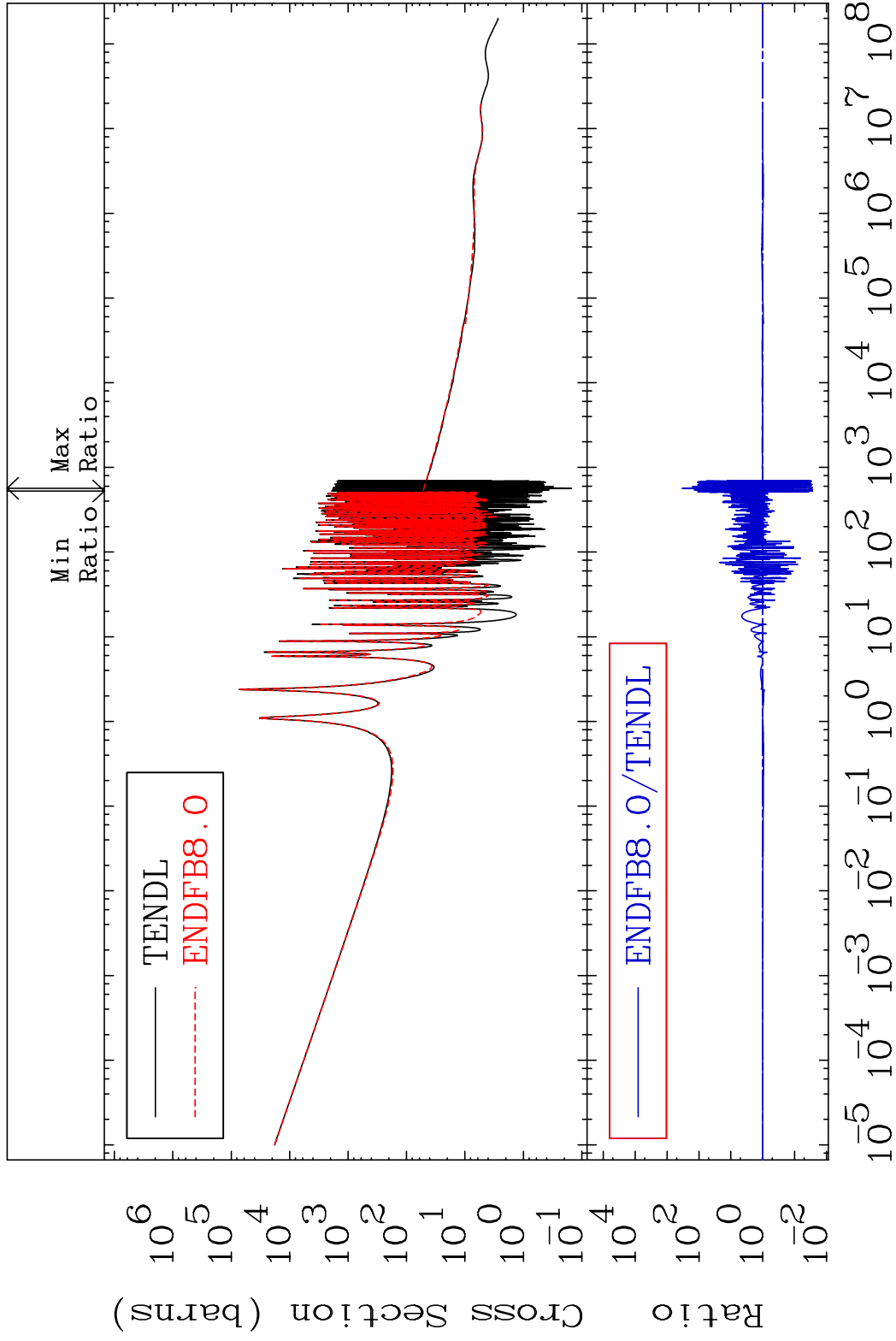
Press Mouse Button to Start

MAT 7234

Total

72-Hf-177

Cross Section -97.27 To 9999. %



1

Incident Energy (eV)

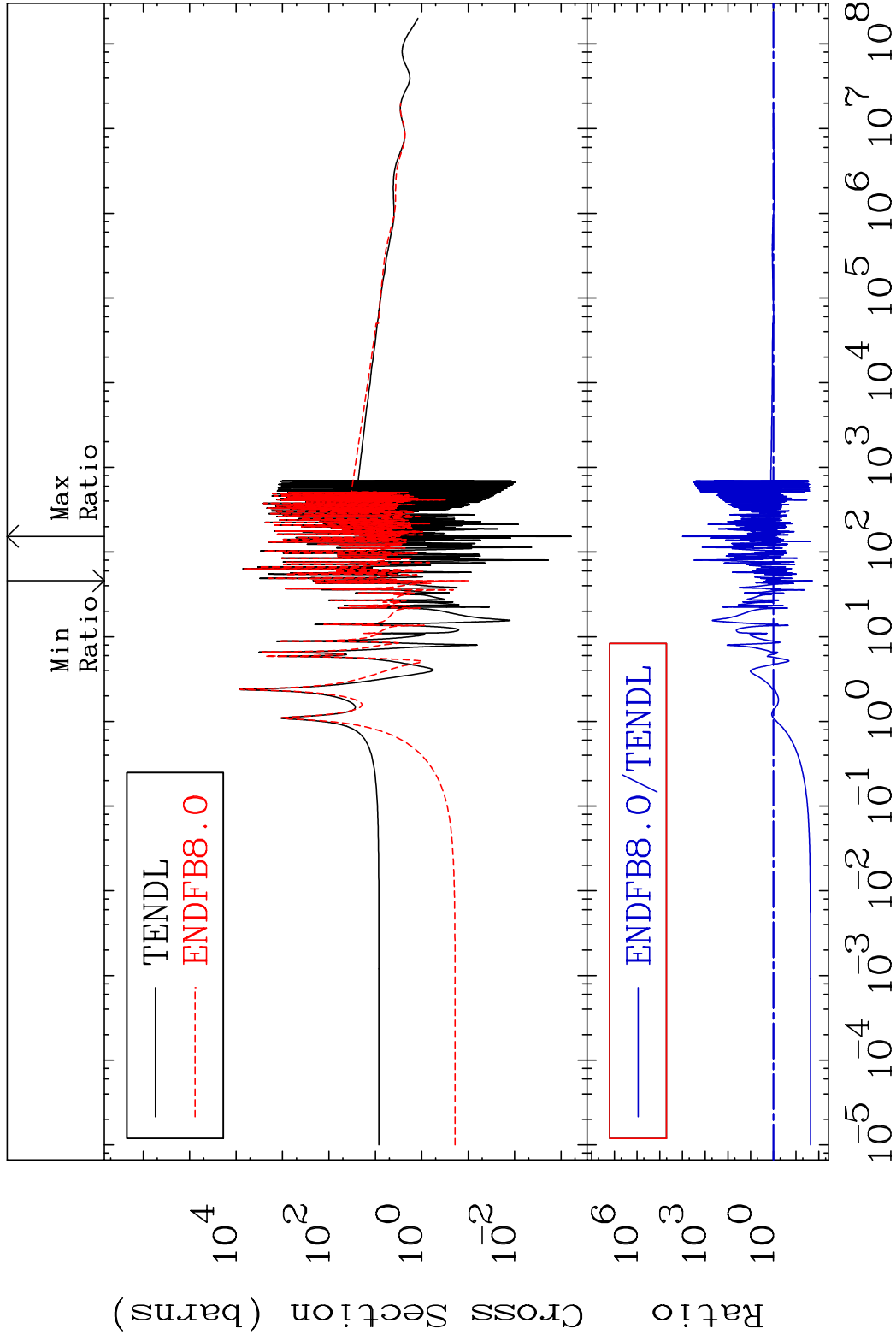
72-Hf-177

MAT 7234

Elastic

72-Hf-177

Cross Section -98.12 To 9999. %



2

Incident Energy (eV)

72-Hf-177

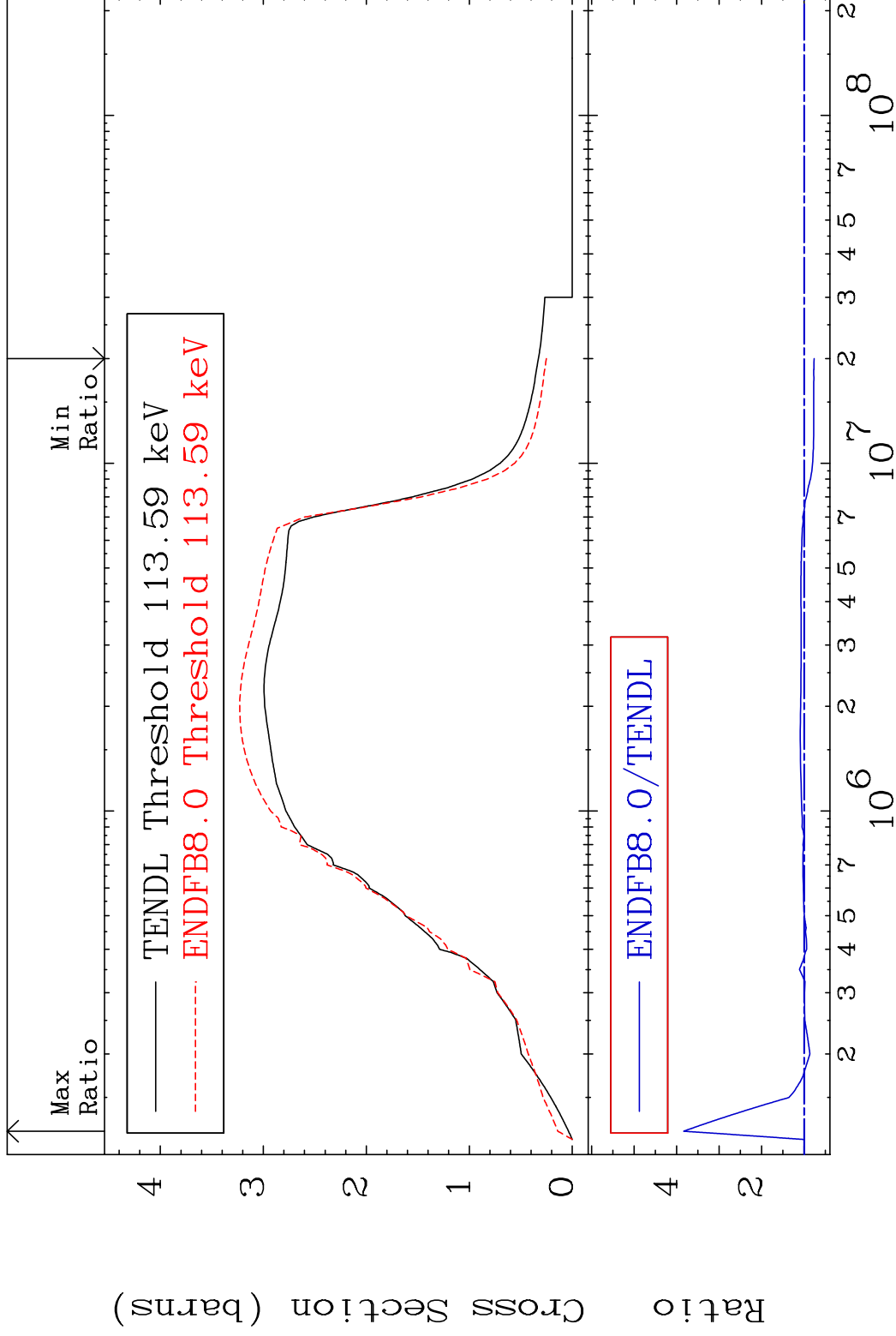
MAT 7234

Inelastic

72-Hf-177

Cross Section

-23.58 To 283.4 %



3

Incident Energy (eV)

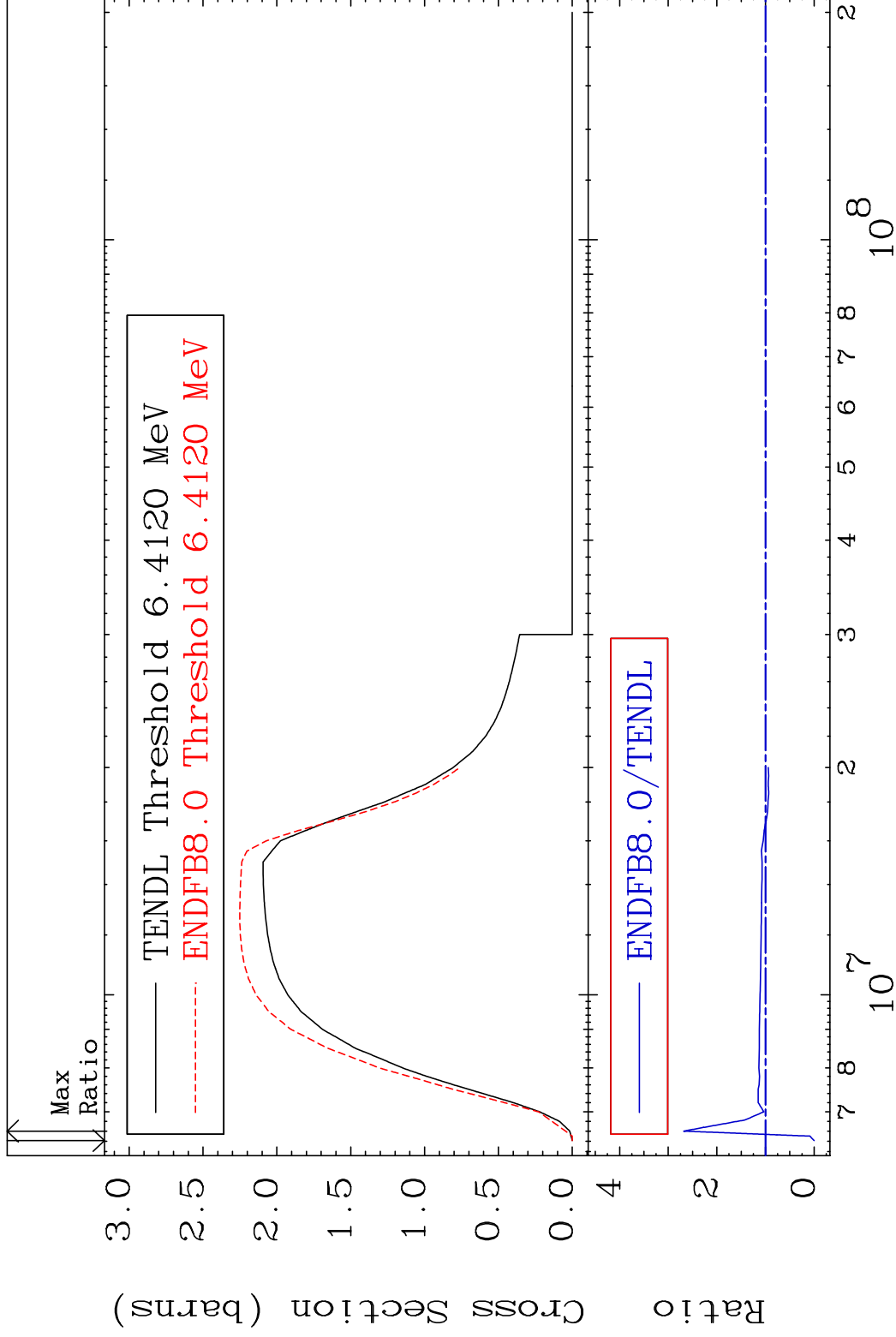
72-Hf-177

MAT 7234

(n,2n)

72-Hf-177

Cross Section -100.0 To 168.3 %



4

Incident Energy (eV)

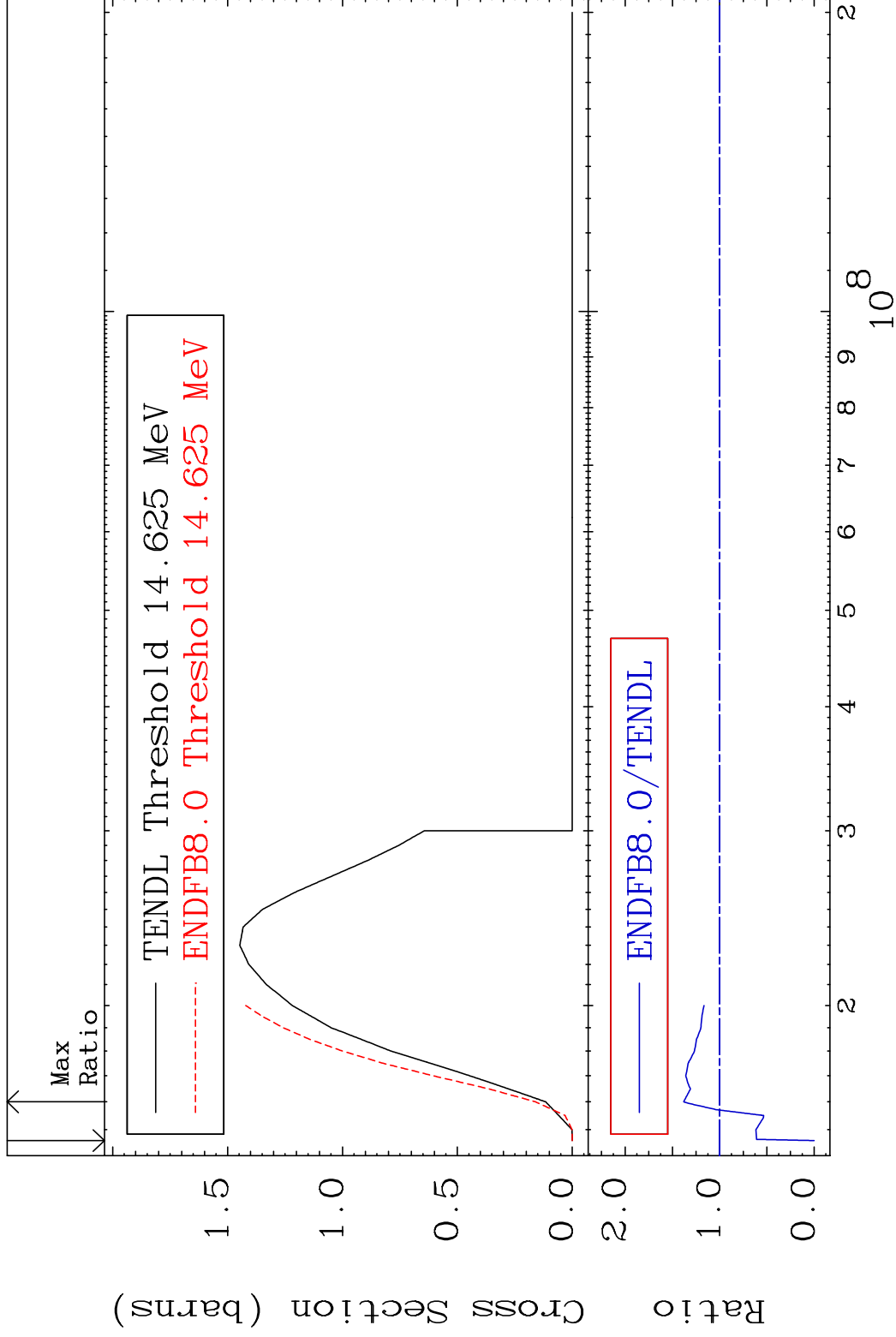
72-Hf-177

MAT 7234

(n,3n)

72-Hf-177

Cross Section -100.0 To 38.08 %



5

Incident Energy (eV)

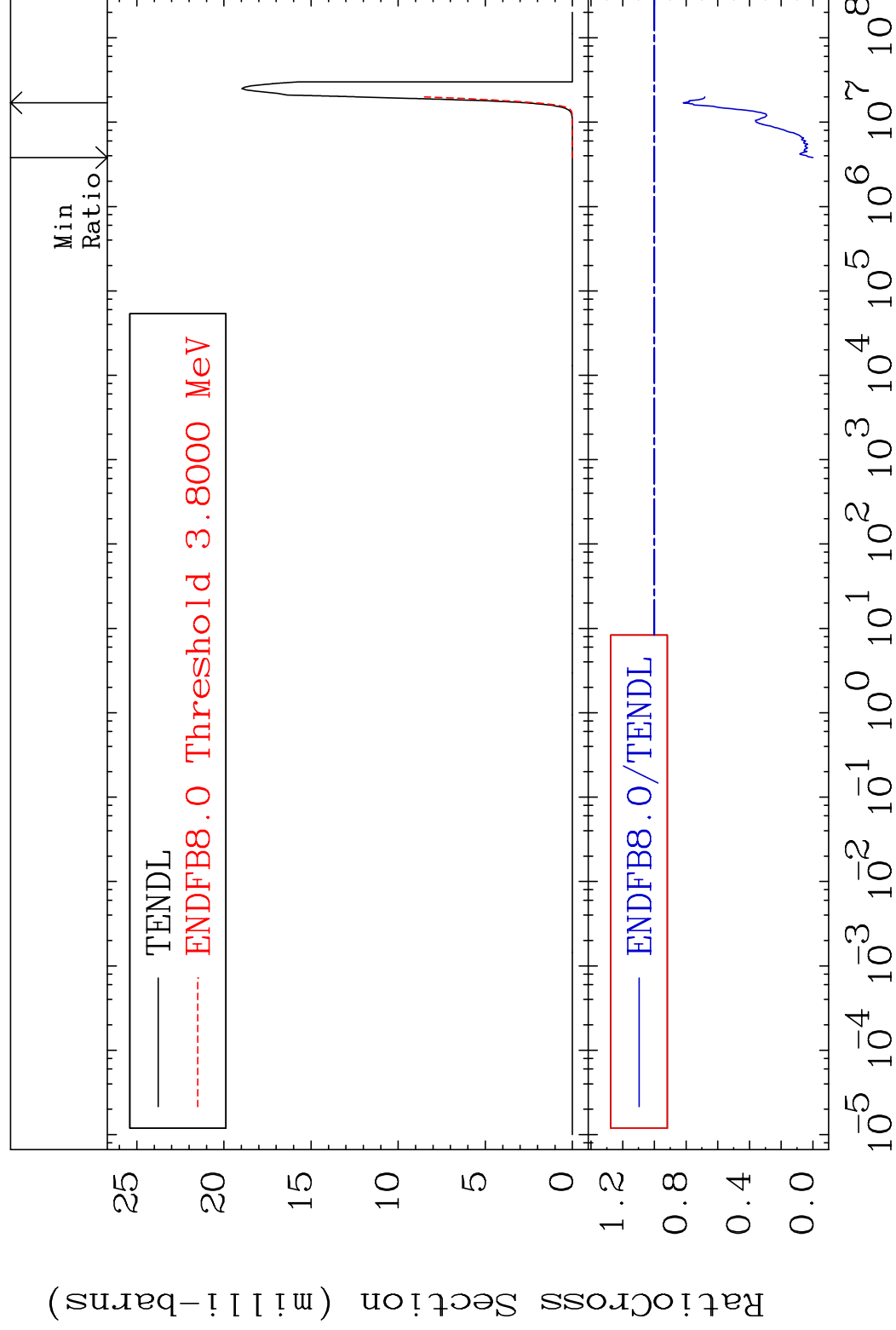
72-Hf-177

MAT 7234

(n, n')  $\alpha$

72-Hf-177

Cross Section -100.0 To -18.16%



6

Incident Energy (eV)

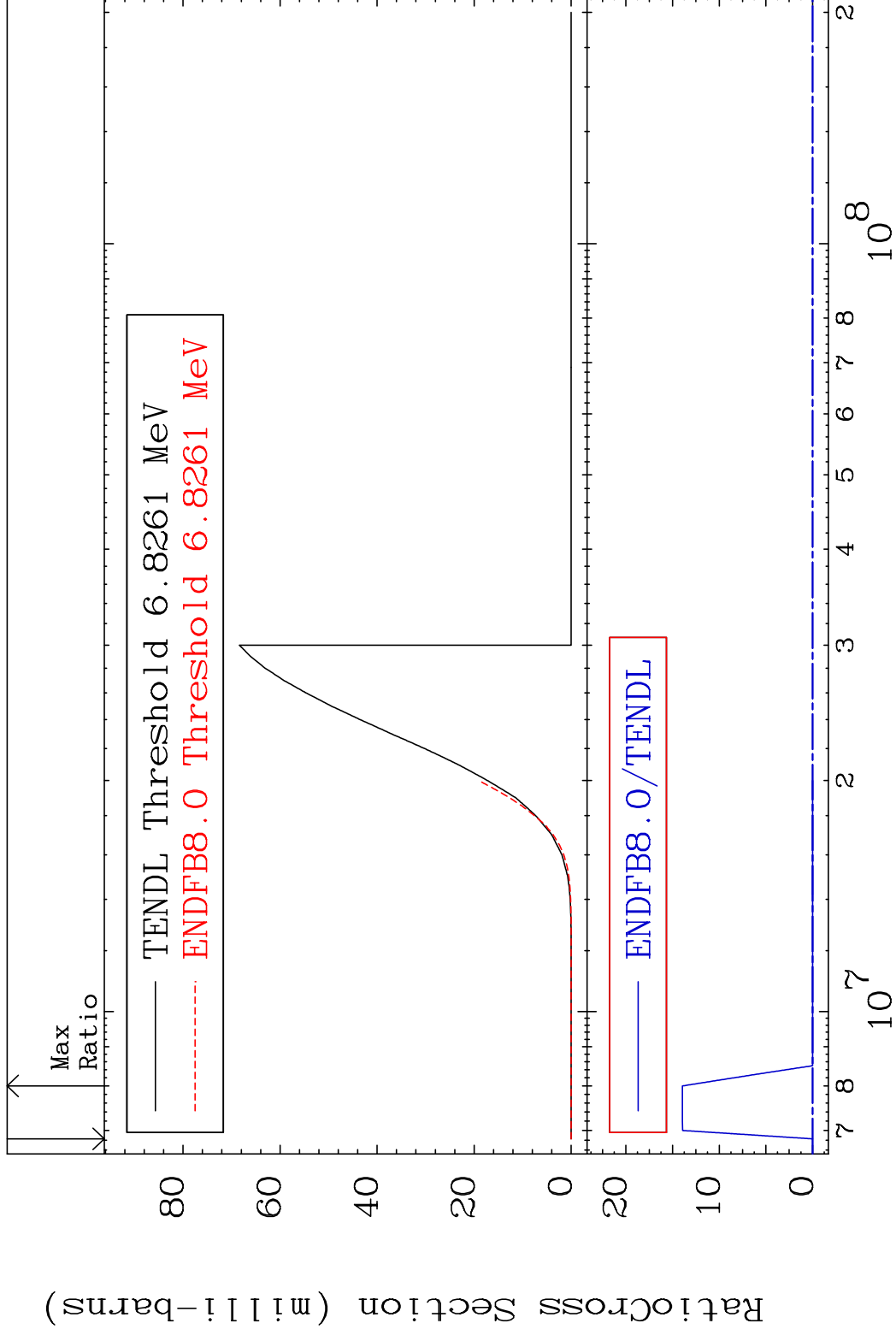
72-Hf-177

MAT 7234

(n, n') p

72-Hf-177

Cross Section -100.0 To 9999. %



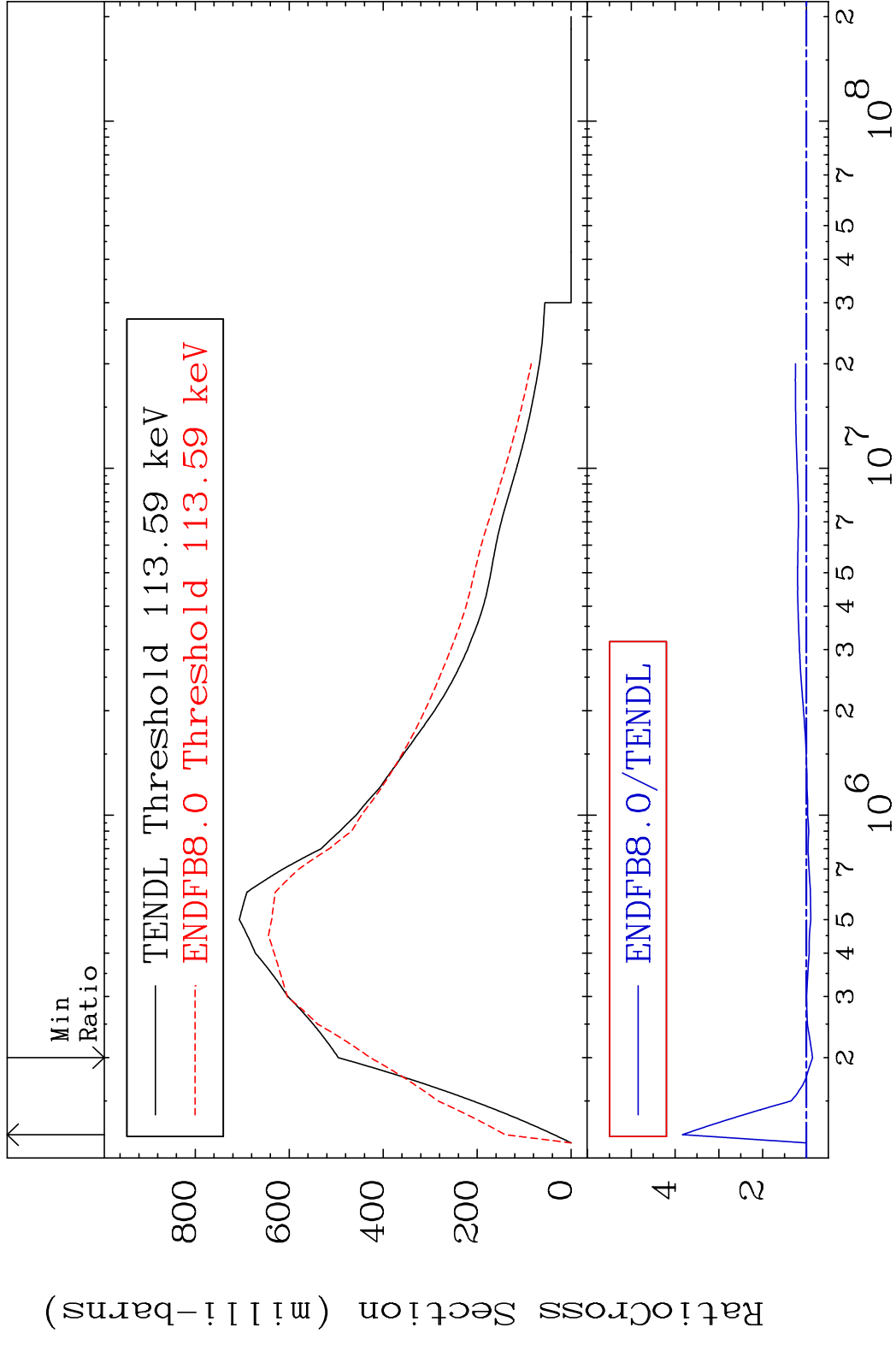
7

Incident Energy (eV)

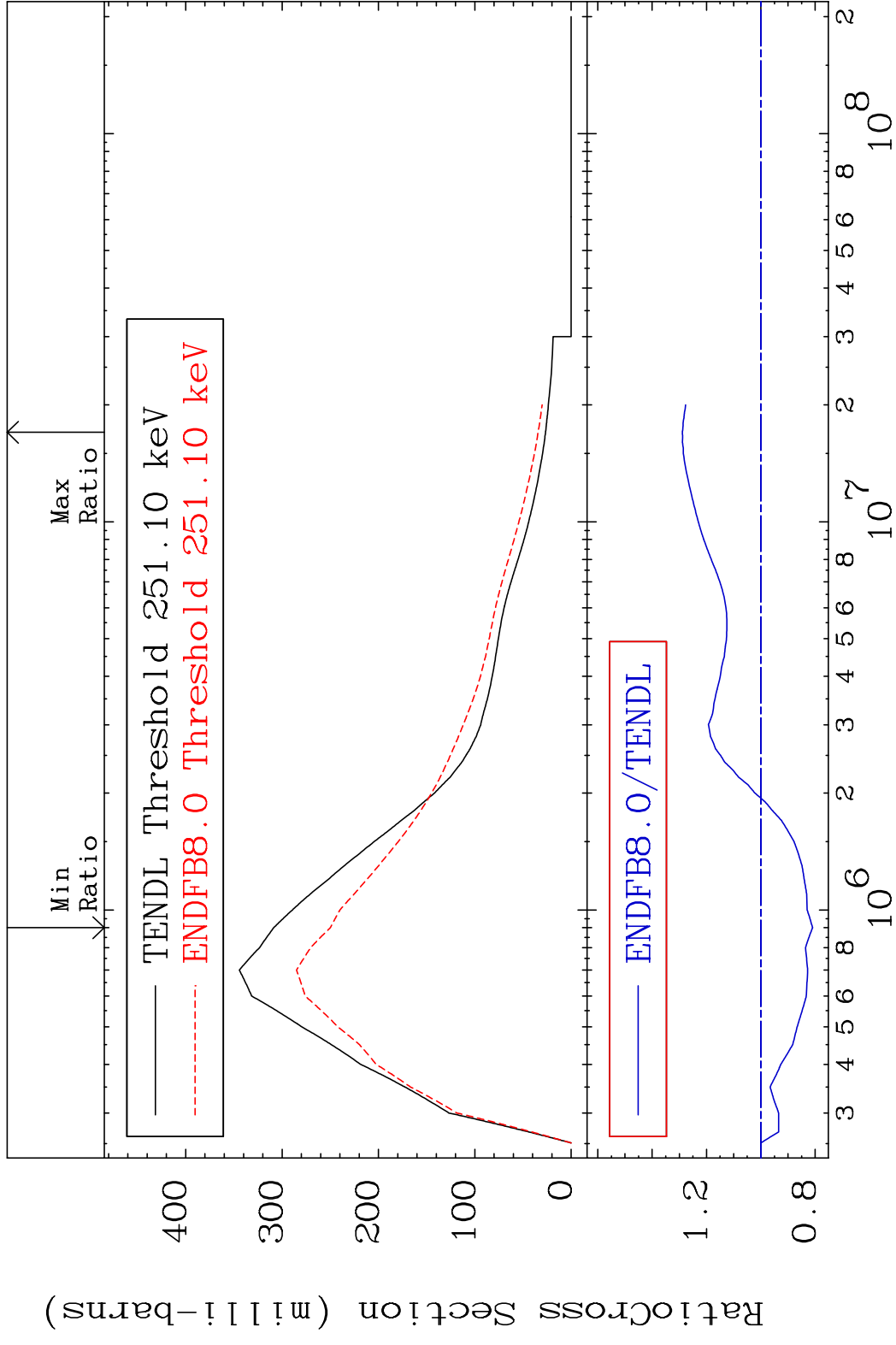
72-Hf-177



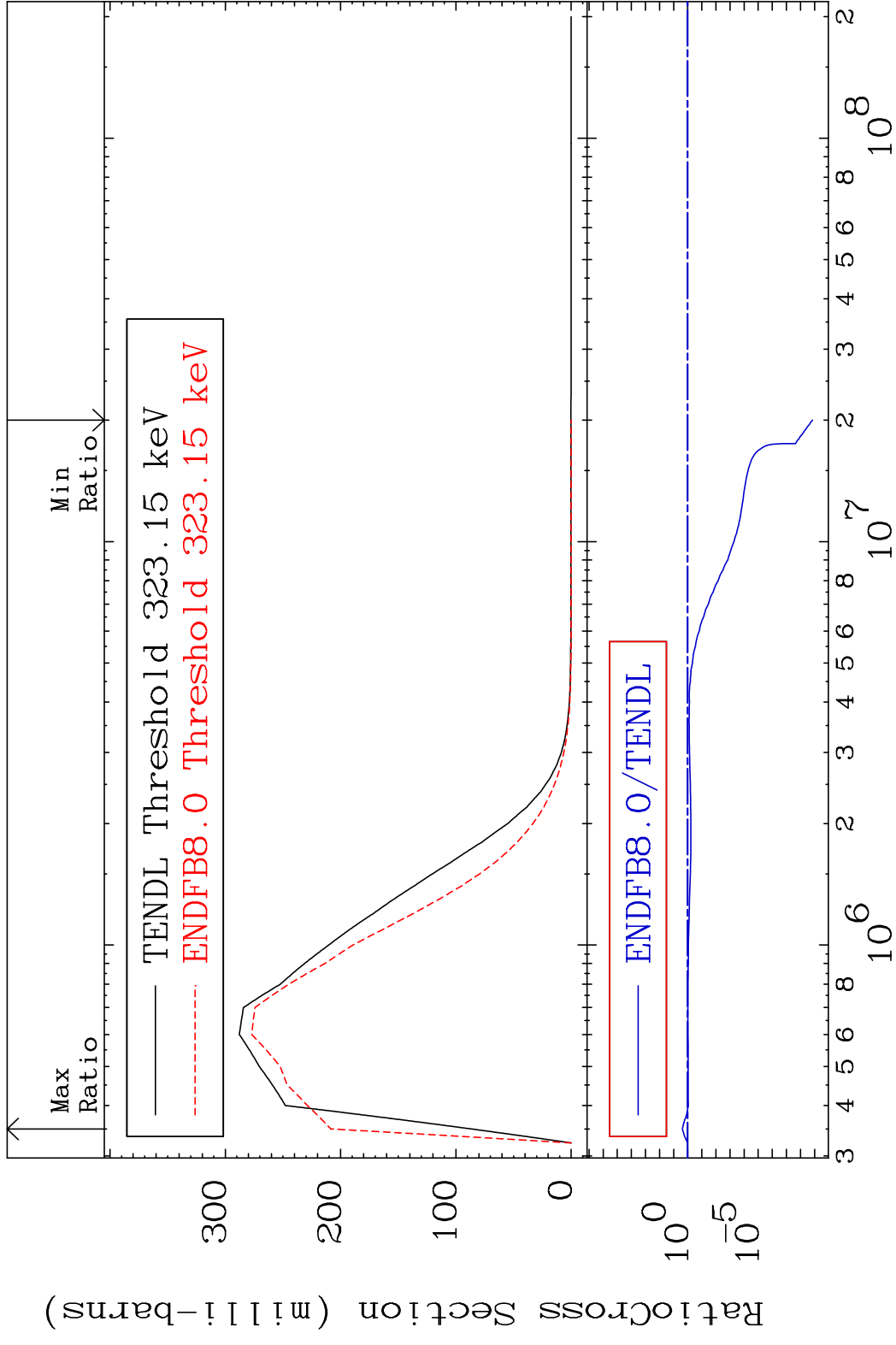
MAT 7234 MT= 51 (n, n') Level 72-Hf-177  
 Cross Section -13.73 To 283.4 %



MAT 7234 MT= 52 (n, n') Level 72-Hf-177  
 Cross Section -19.03 To 28.89 %

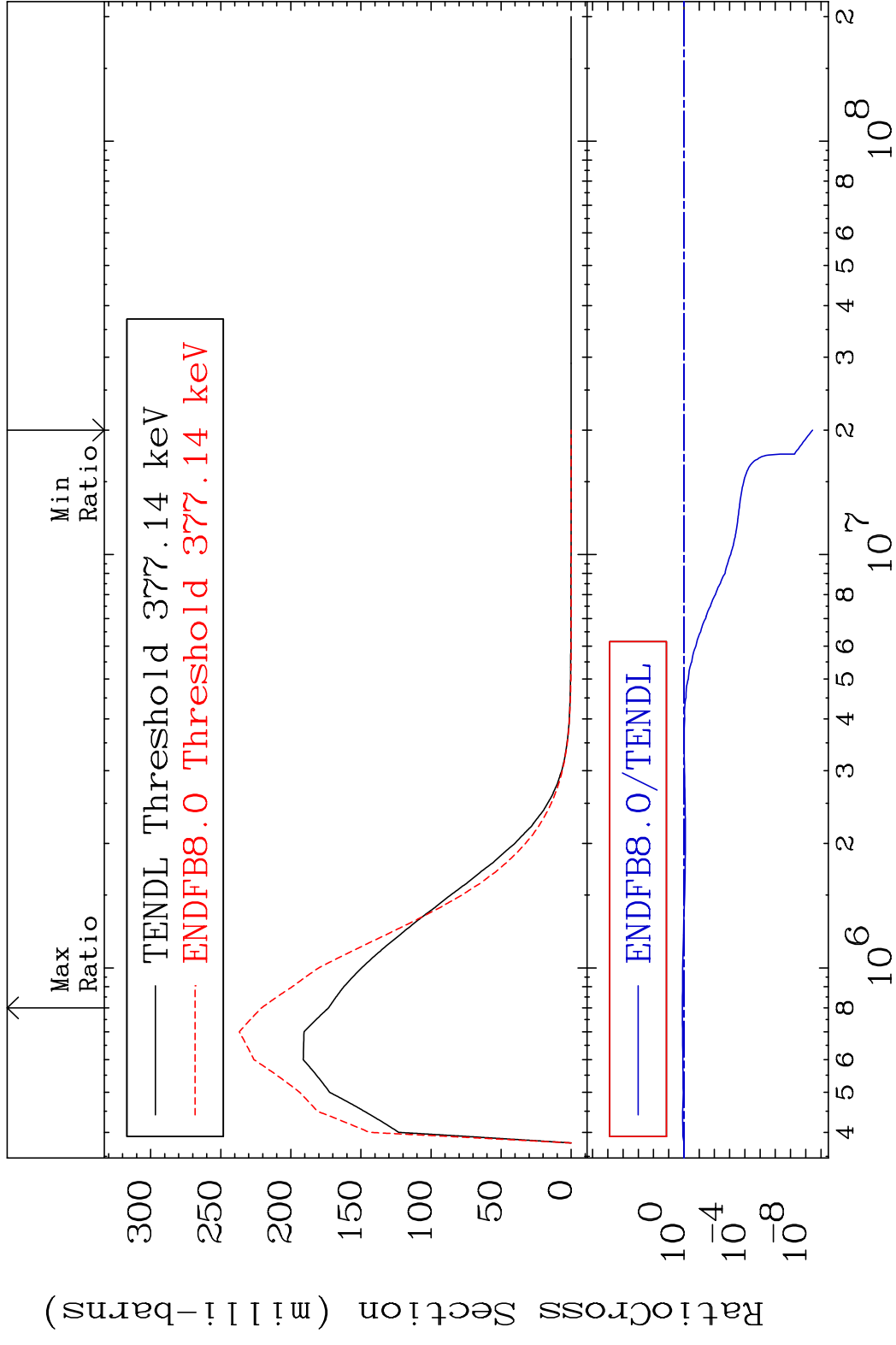


MAT 7234 MT= 53 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To 140.7 %

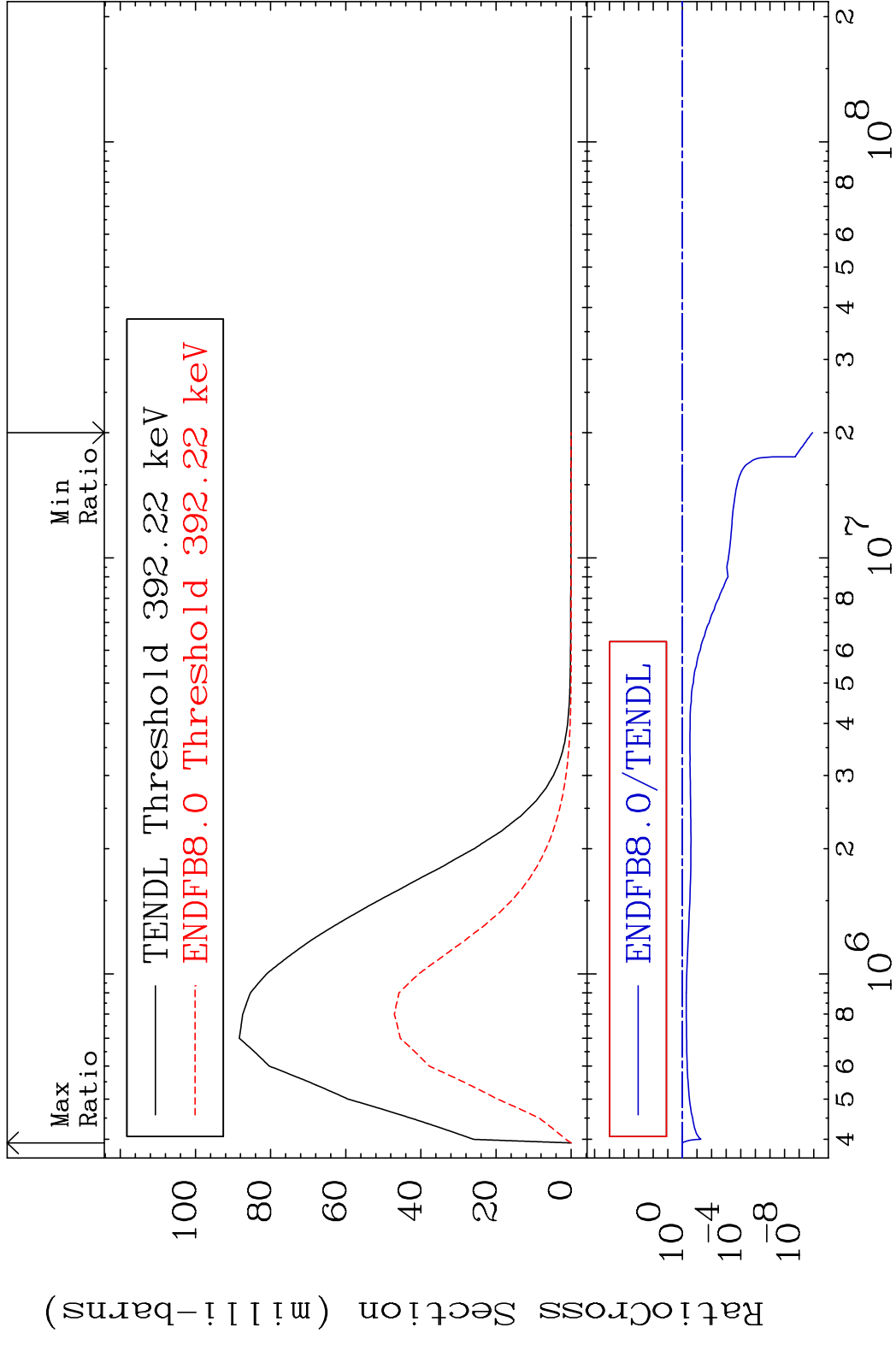


10 Incident Energy (eV) 72-Hf-177

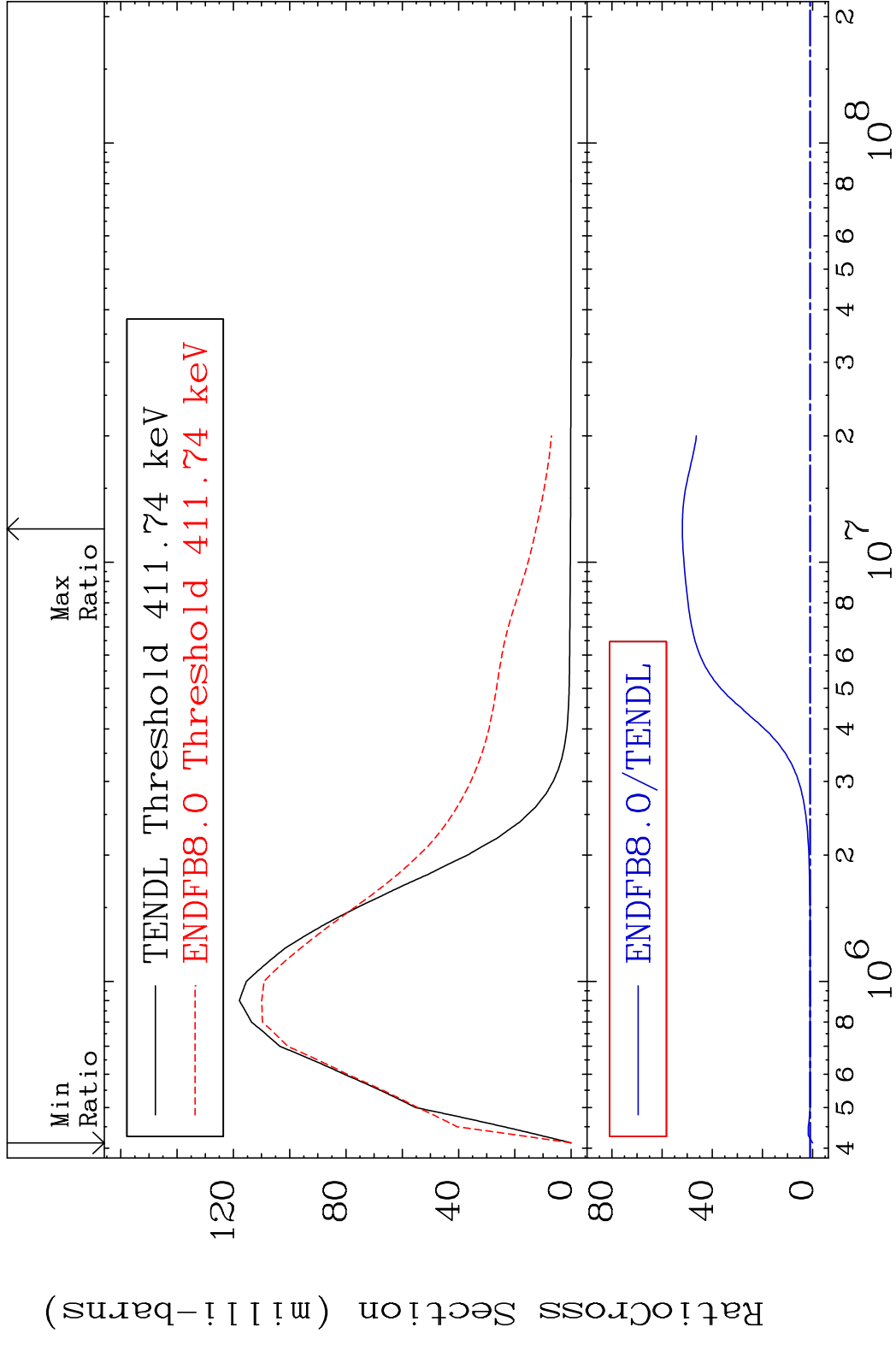
MAT 7234 MT= 54 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To 27.56 %



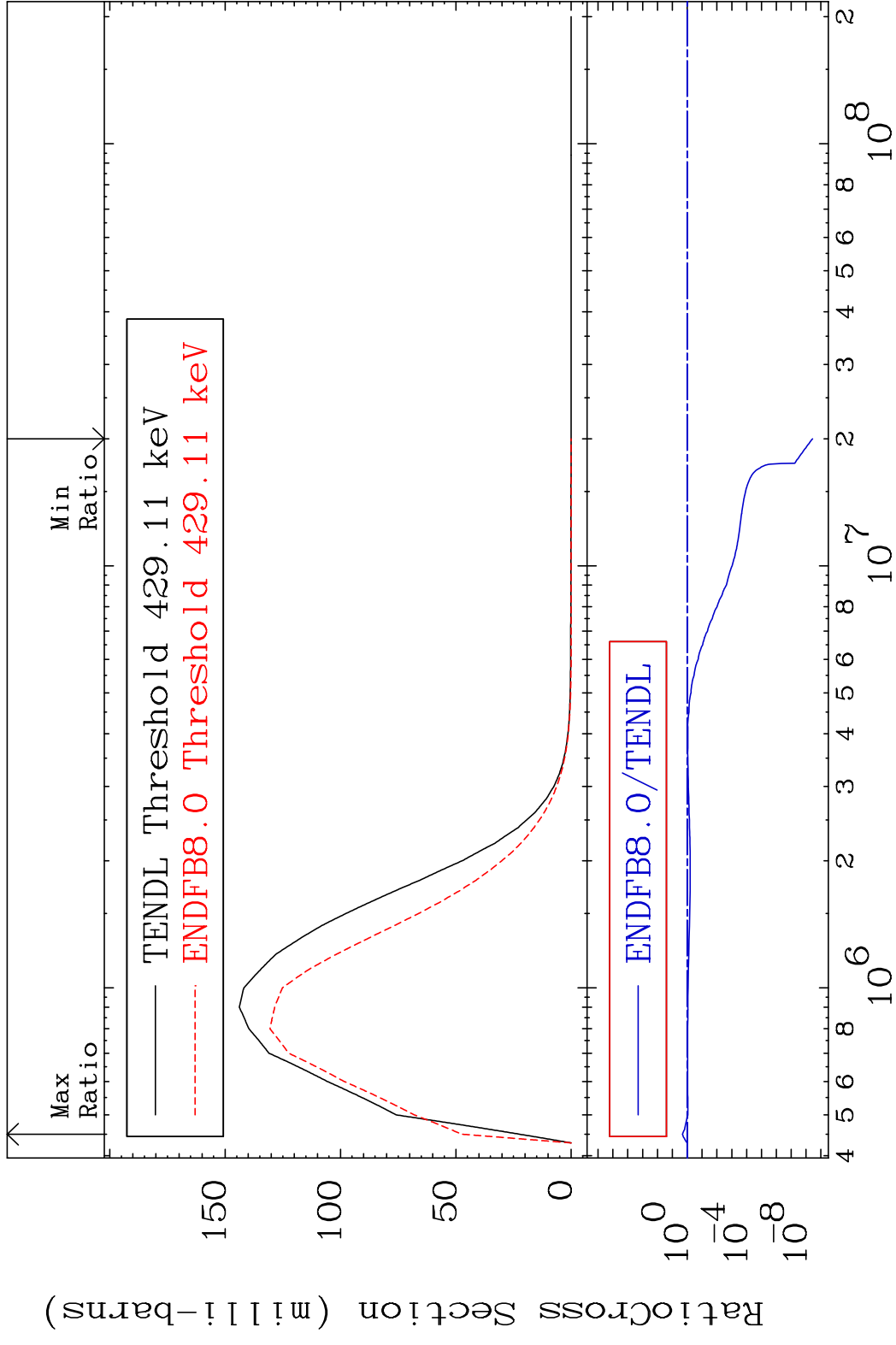
MAT 7234 MT= 55 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To 0.000 %



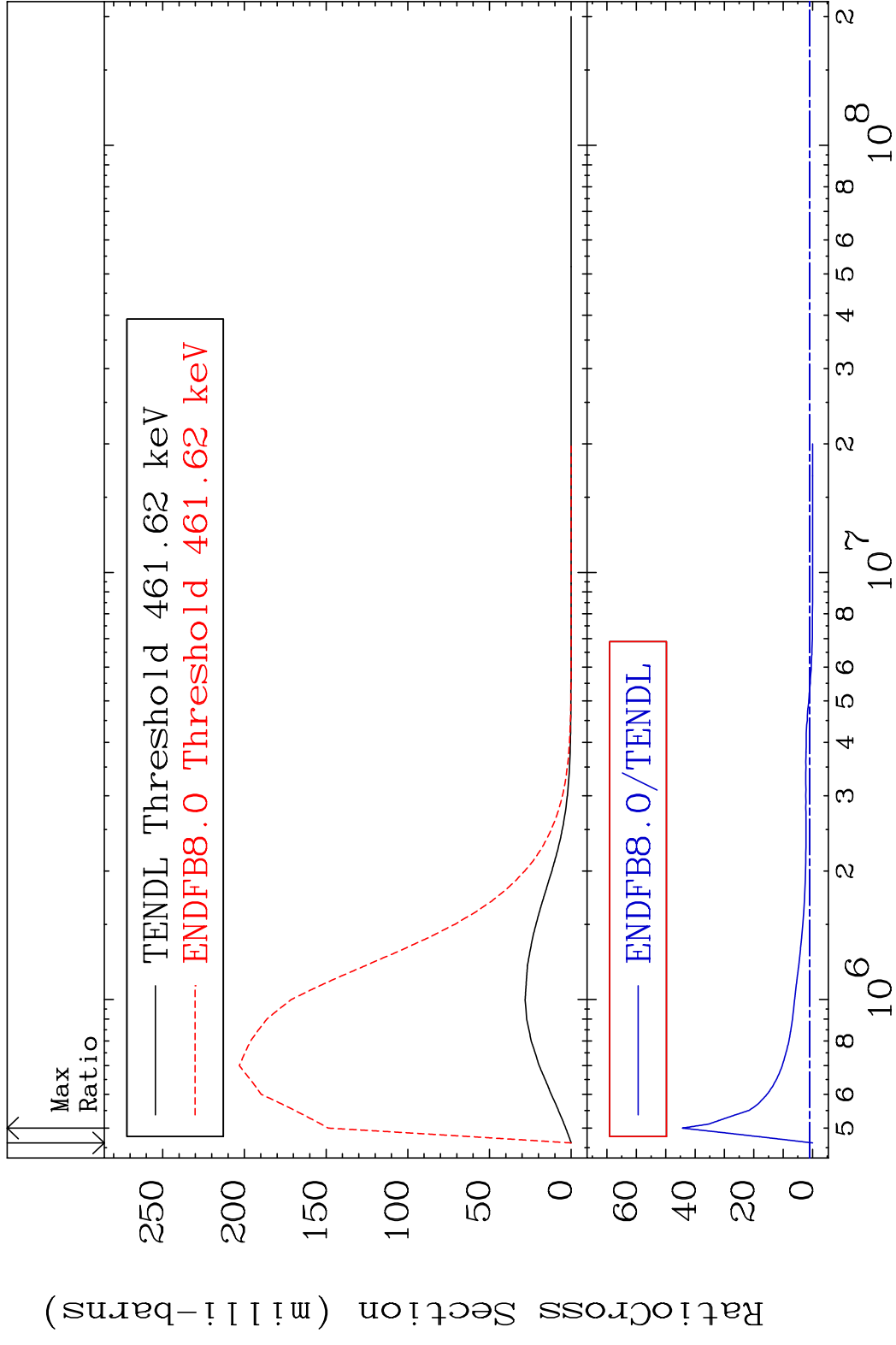
MAT 7234 MT= 56 (n, n') Level 72-Hf-177  
 Cross Section -100.0 To 5091. %



MAT 7234 MT= 57 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To 111.9 %

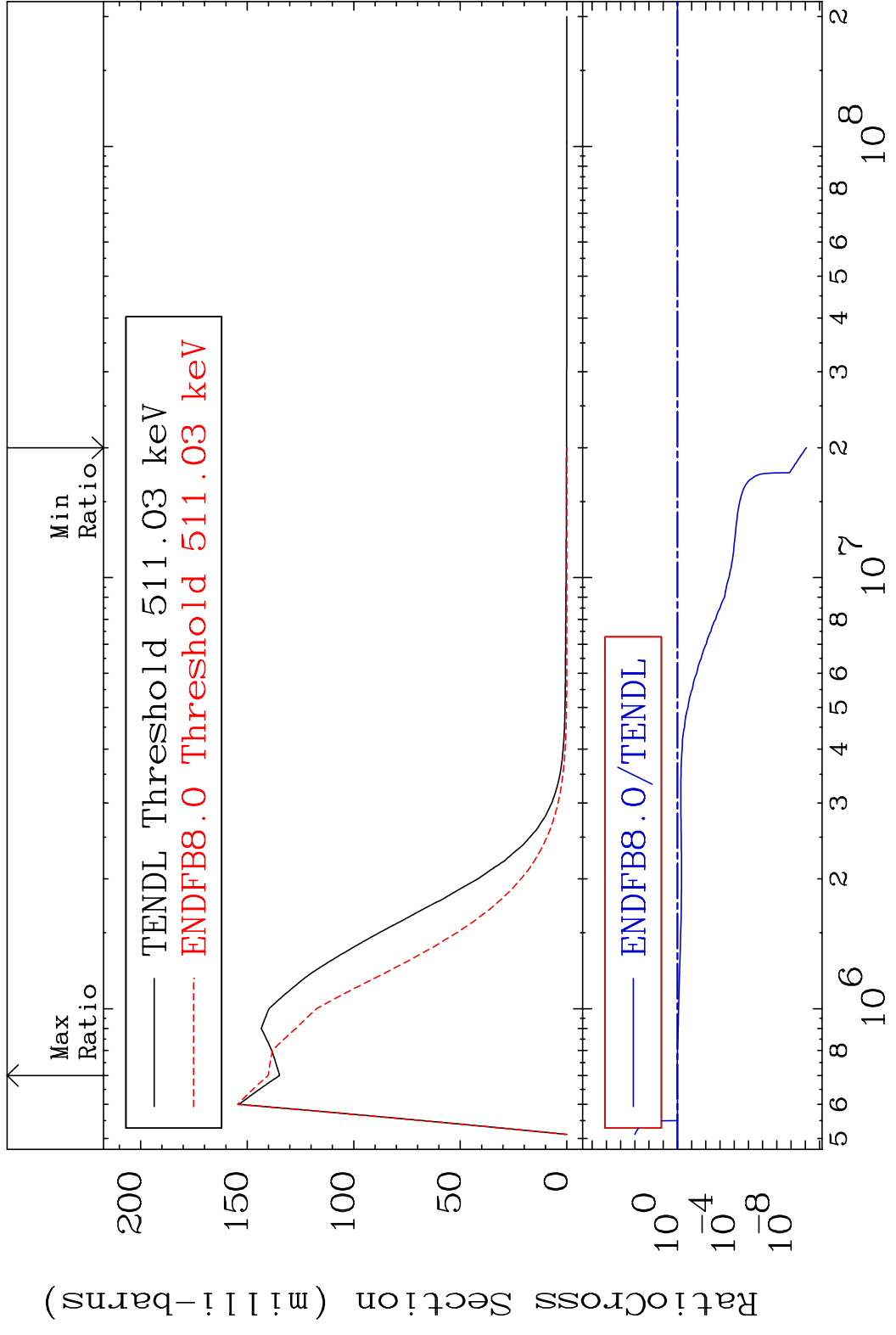


MAT 7234 MT= 58 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To 4334. %

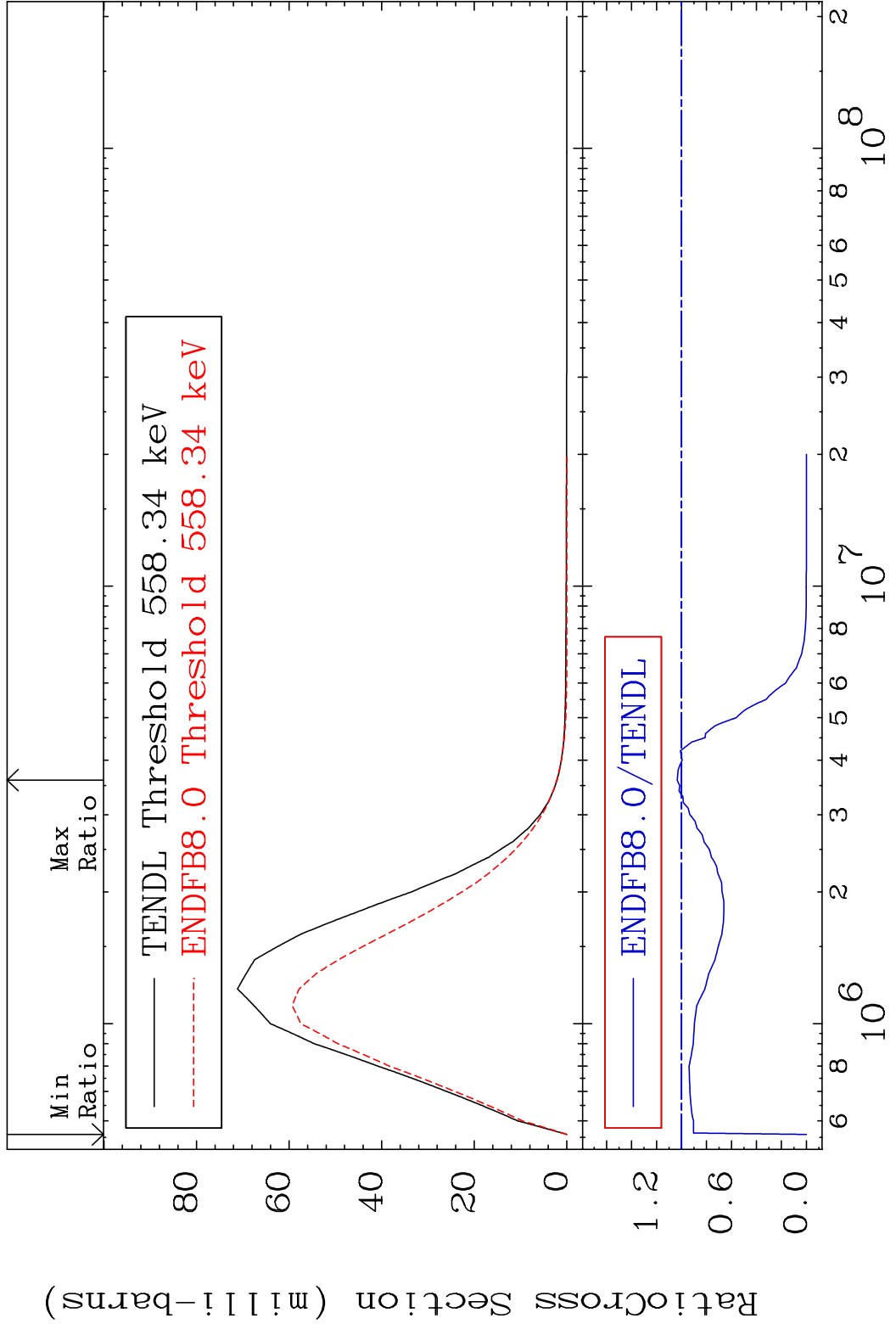




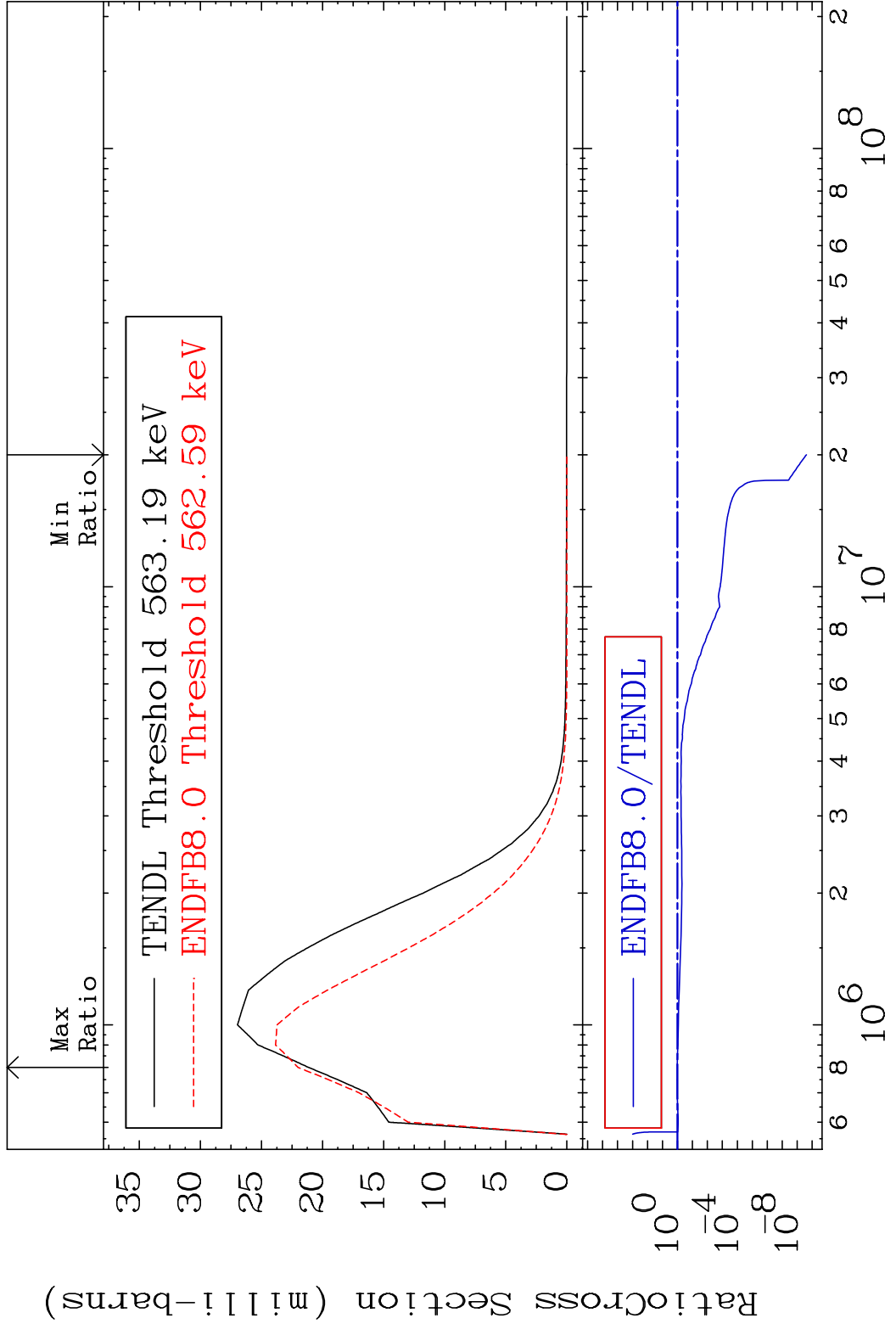
MAT 7234 MT= 59 (n, n') Level 72-Hf-177  
 Cross Section -100.0 To 4.009 %



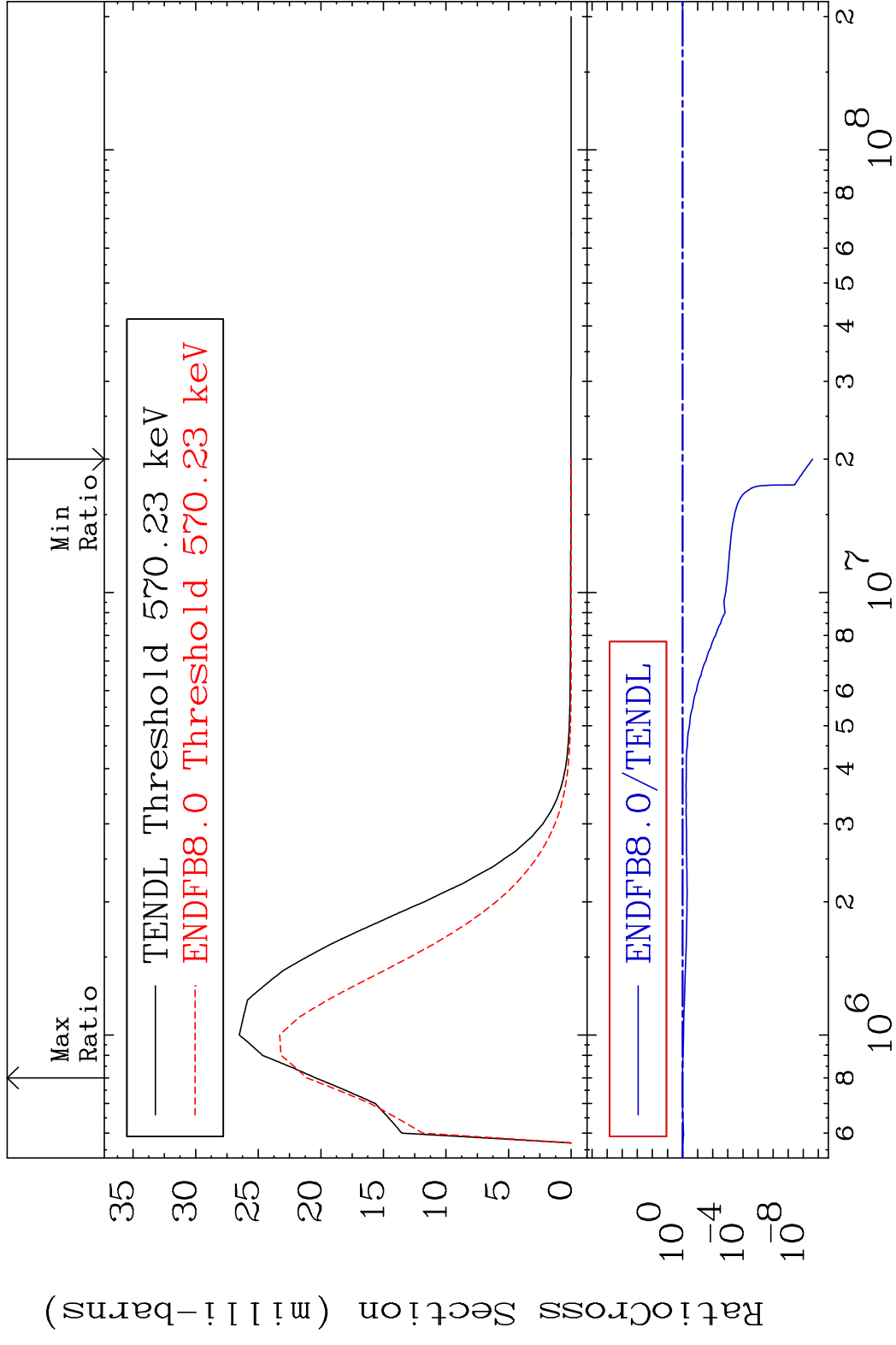
MAT 7234 MT= 60 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To 3.471 %



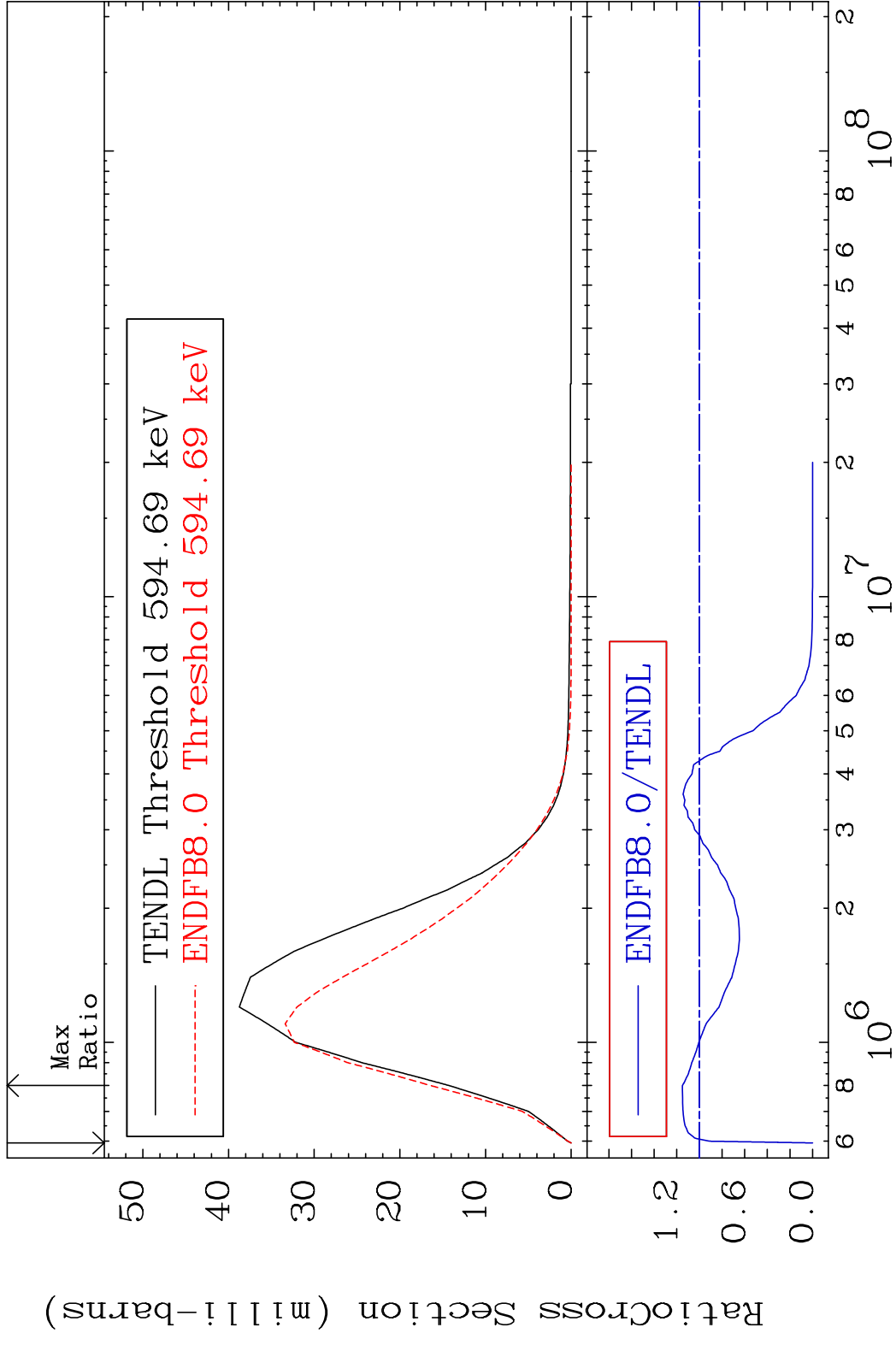
MAT 7234 MT= 61 (n, n') Level 72-Hf-177  
 Cross Section -100.0 To 4.095 %



MAT 7234 MT= 62 (n, n') Level 72-Hf-177  
 Cross Section -100.0 To 3.460 %

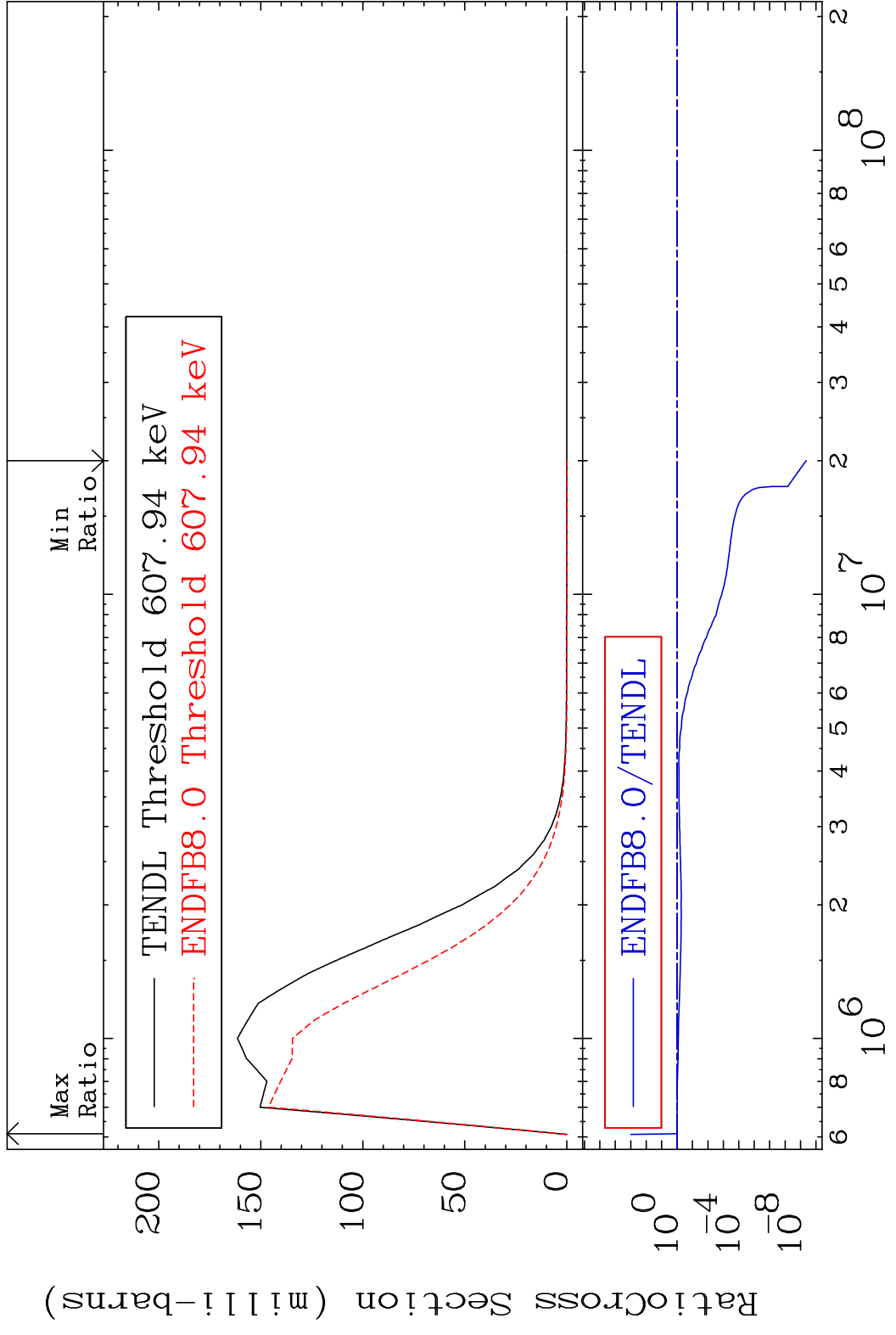


MAT 7234 MT= 63 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To 15.07 %

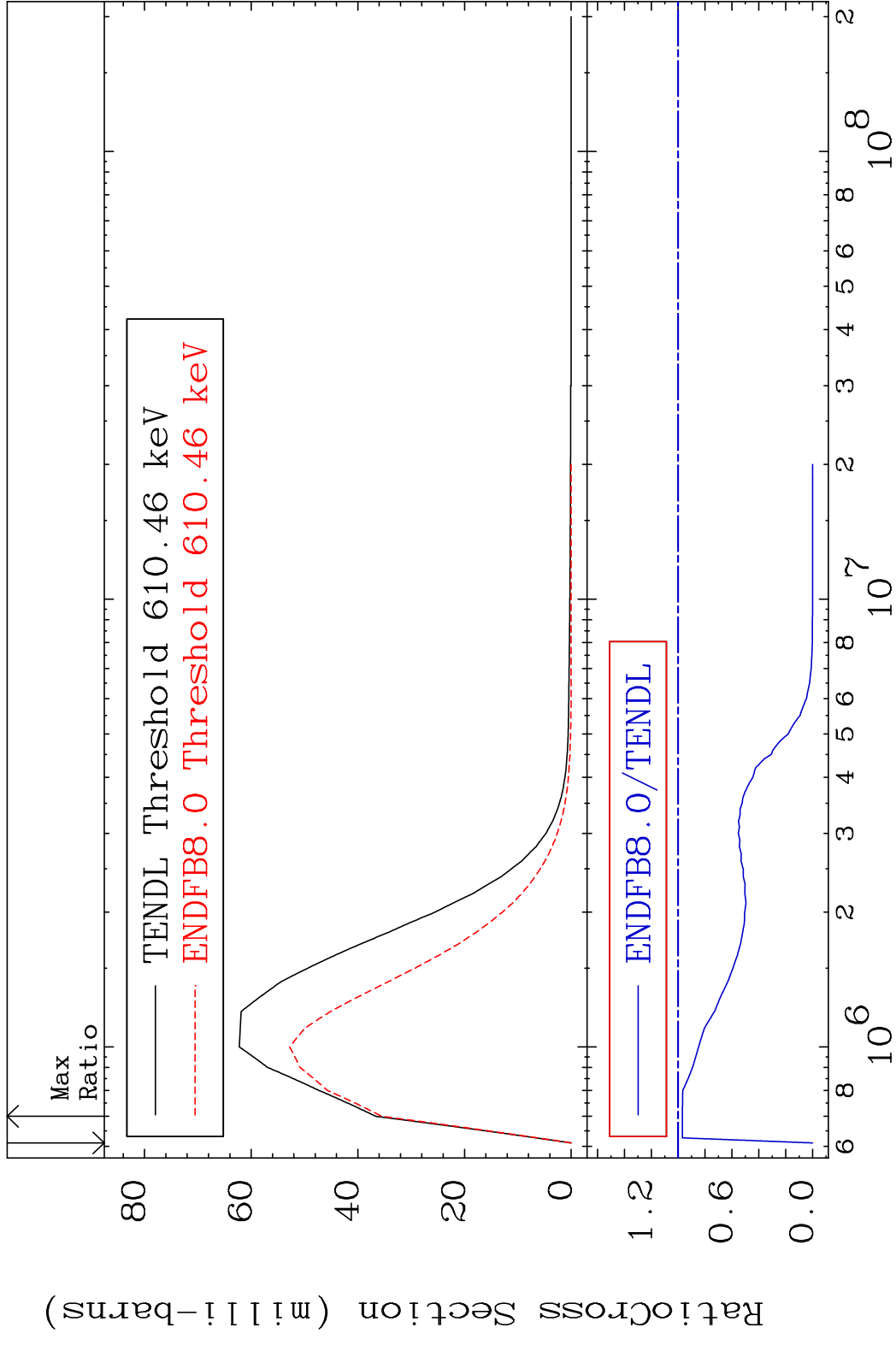


20 Incident Energy (eV) 72-Hf-177

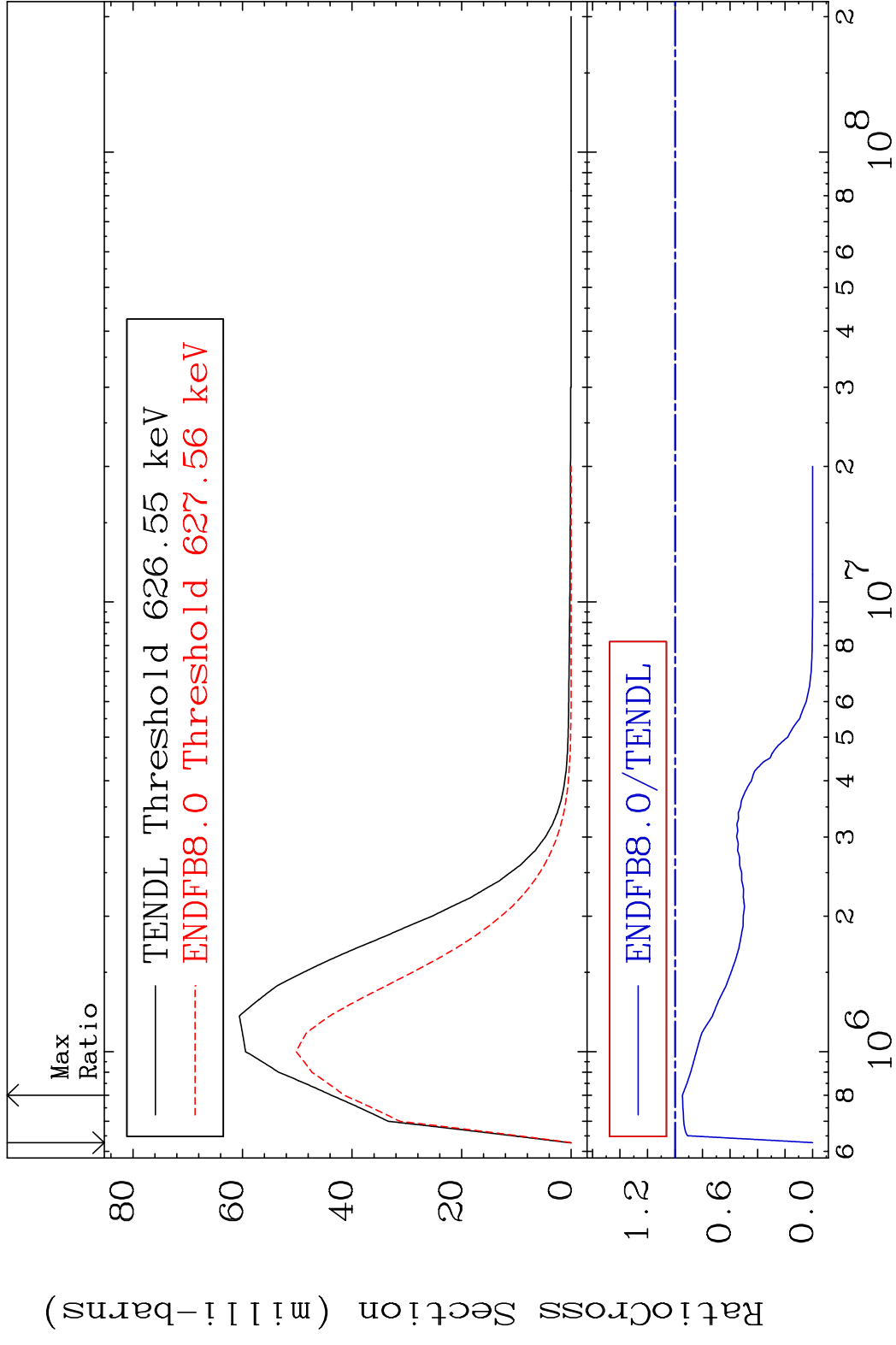
MAT 7234 MT= 64 (n, n') Level 72-Hf-177  
 Cross Section -100.0 To -2.454%



MAT 7234 MT= 65 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To -3.119%

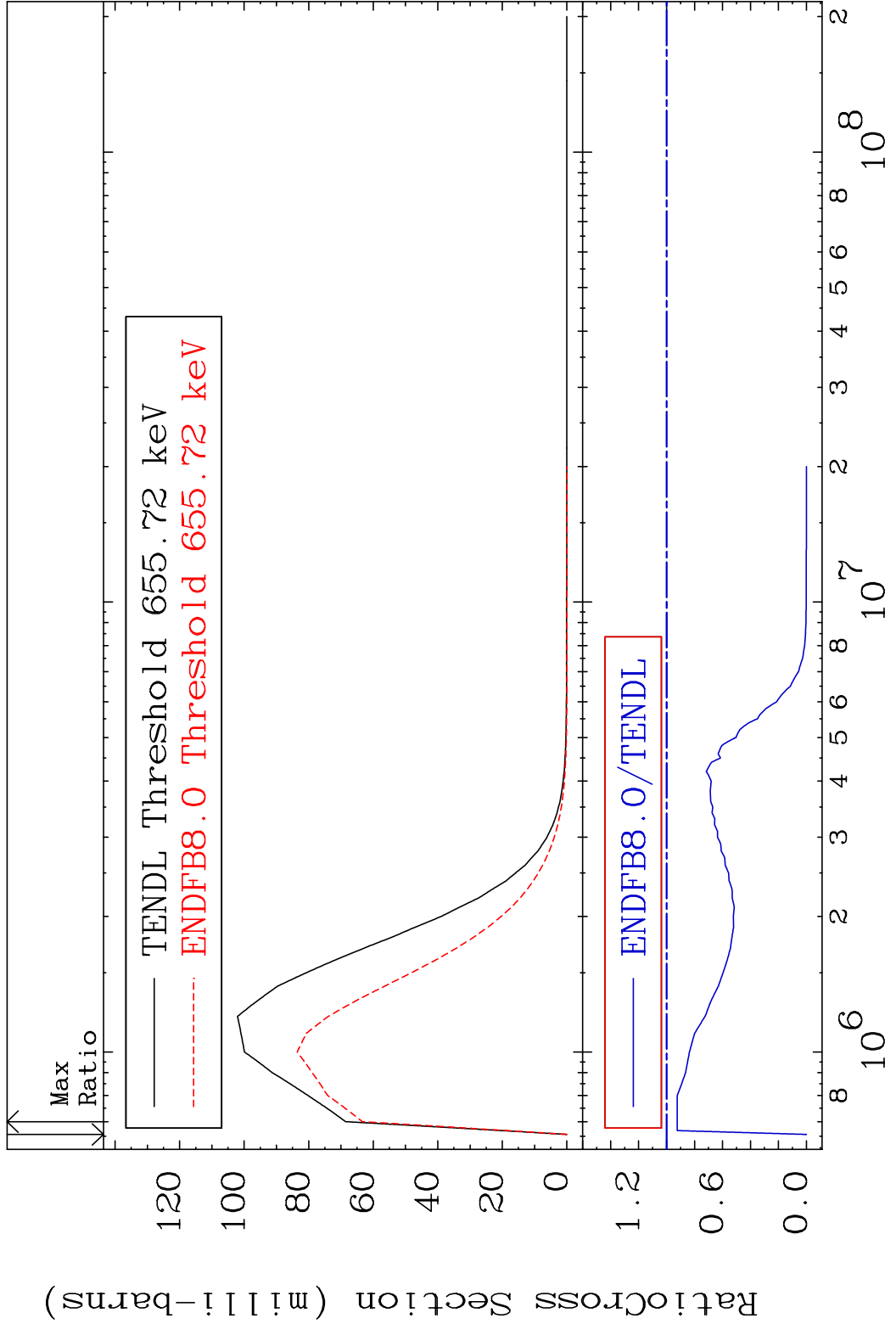


MAT 7234 MT= 66 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To -5.347%

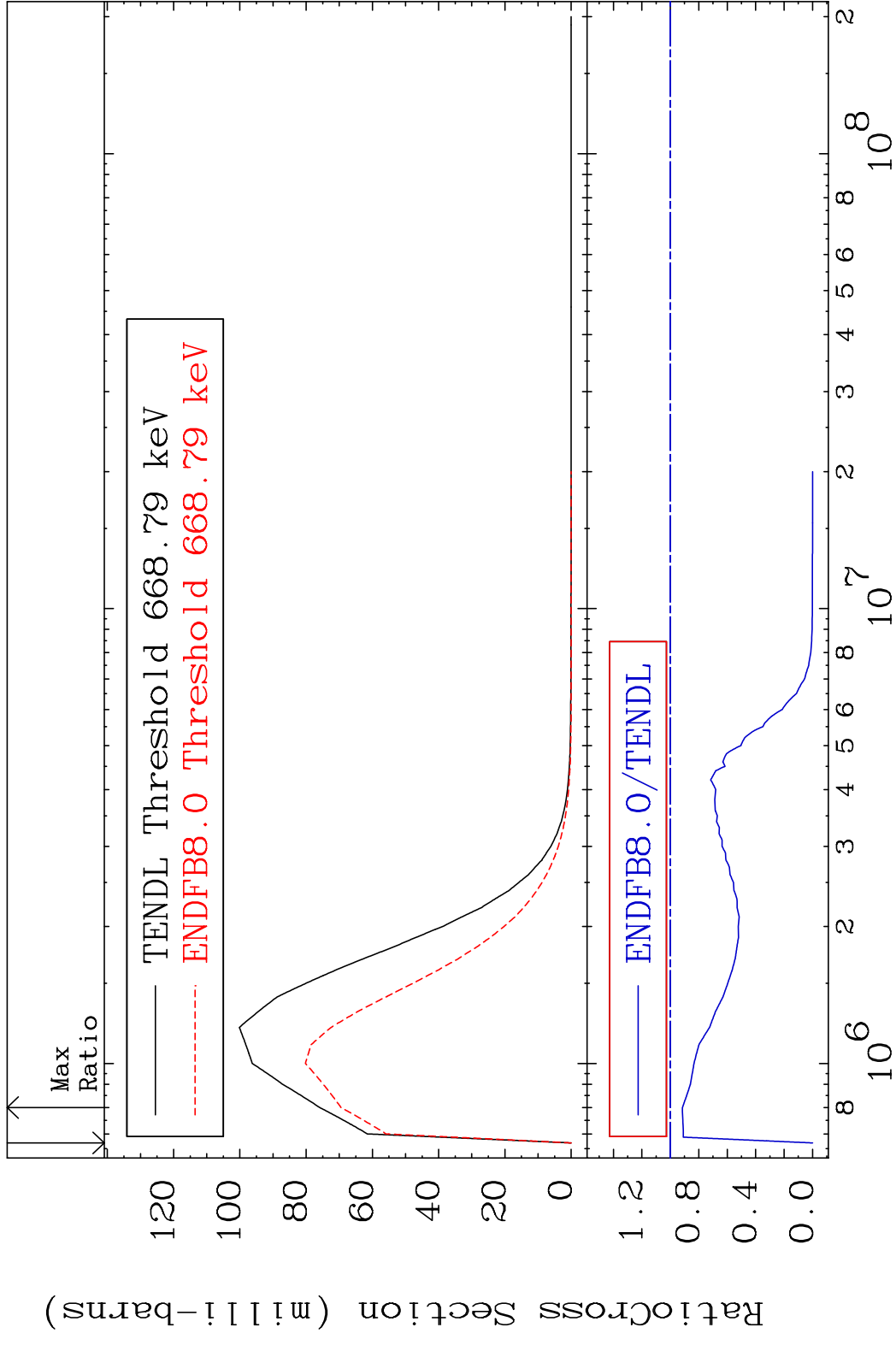




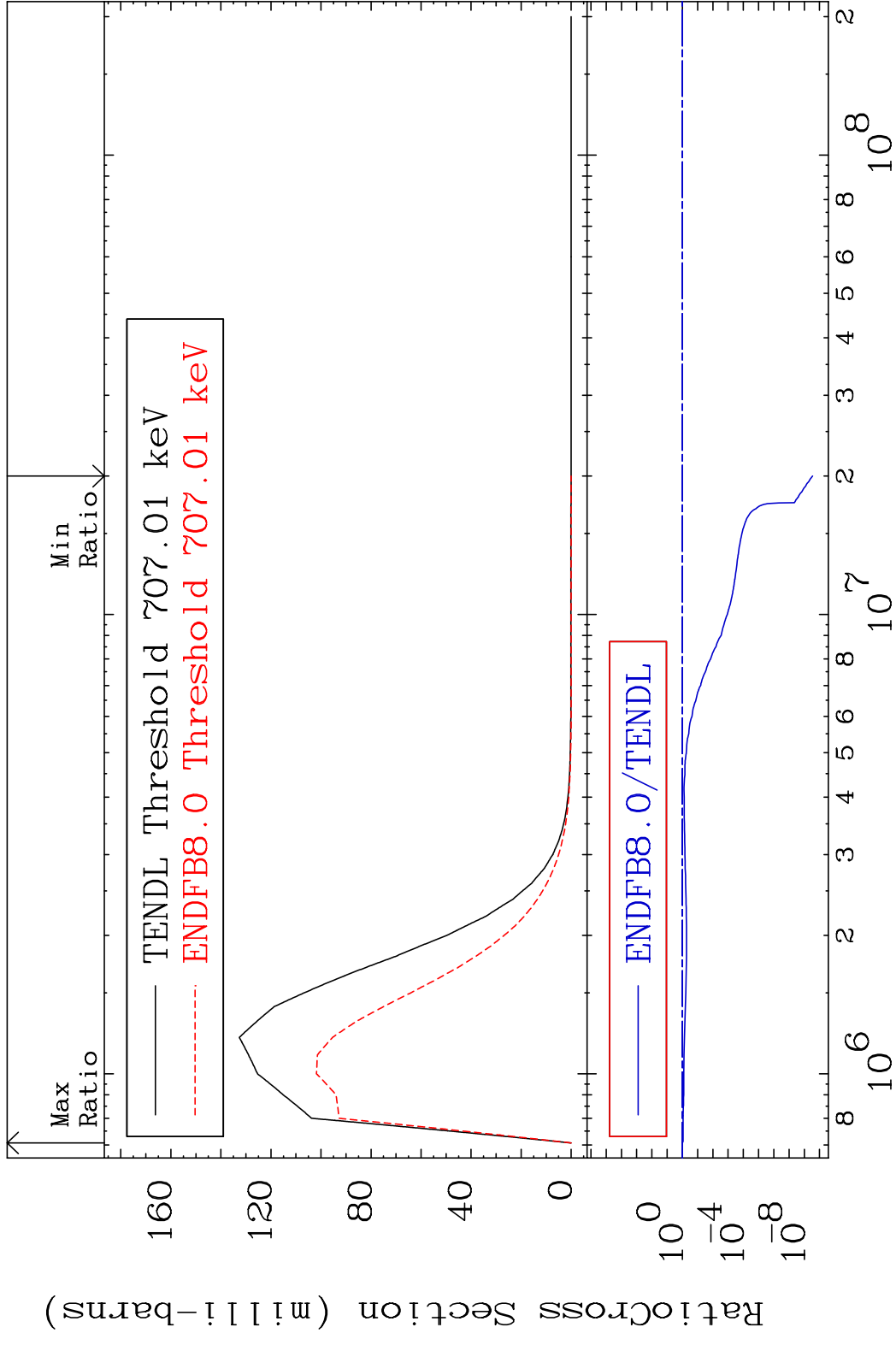
MAT 7234 MT= 67 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To -7.583%



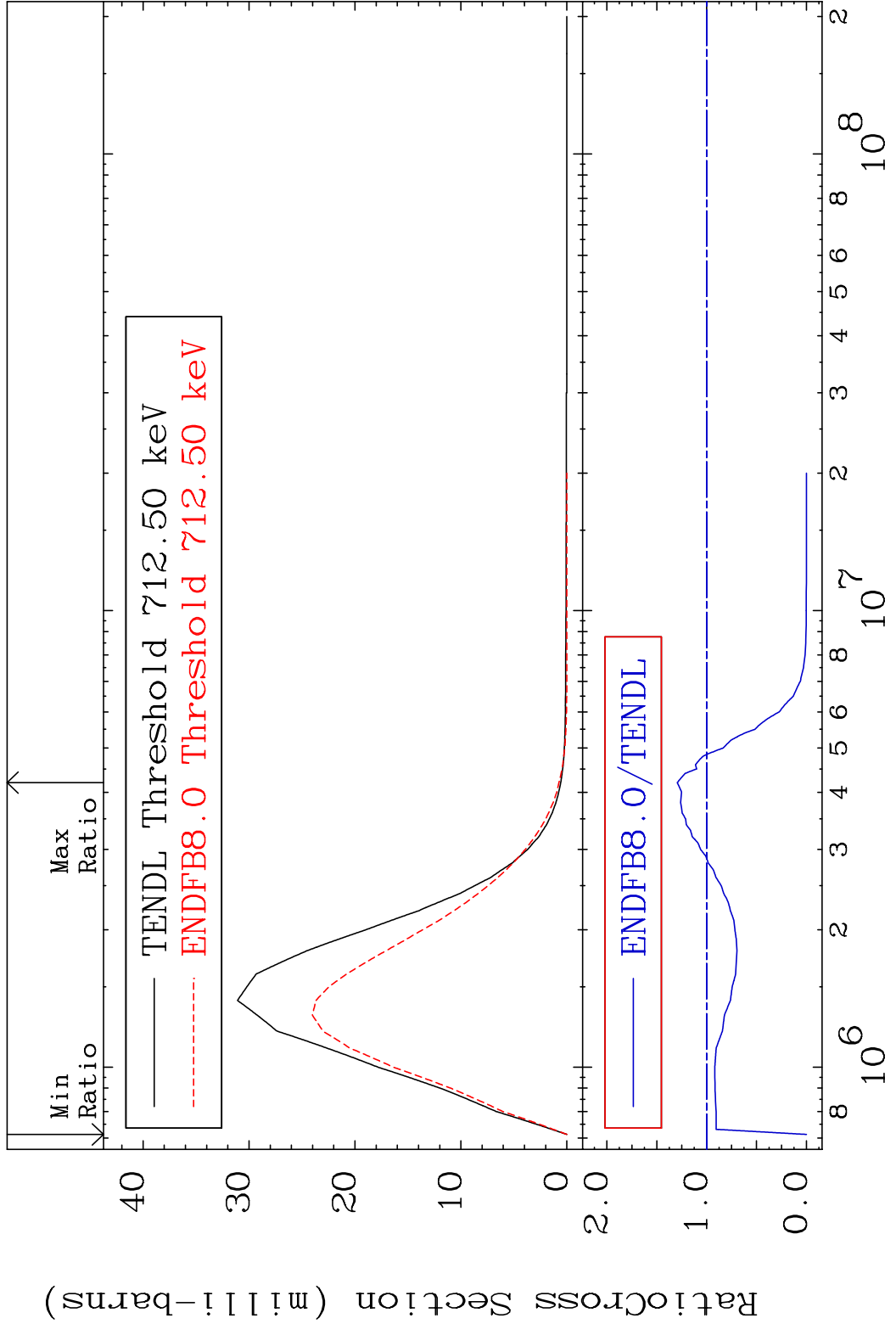
MAT 7234 MT= 68 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To -8.460%



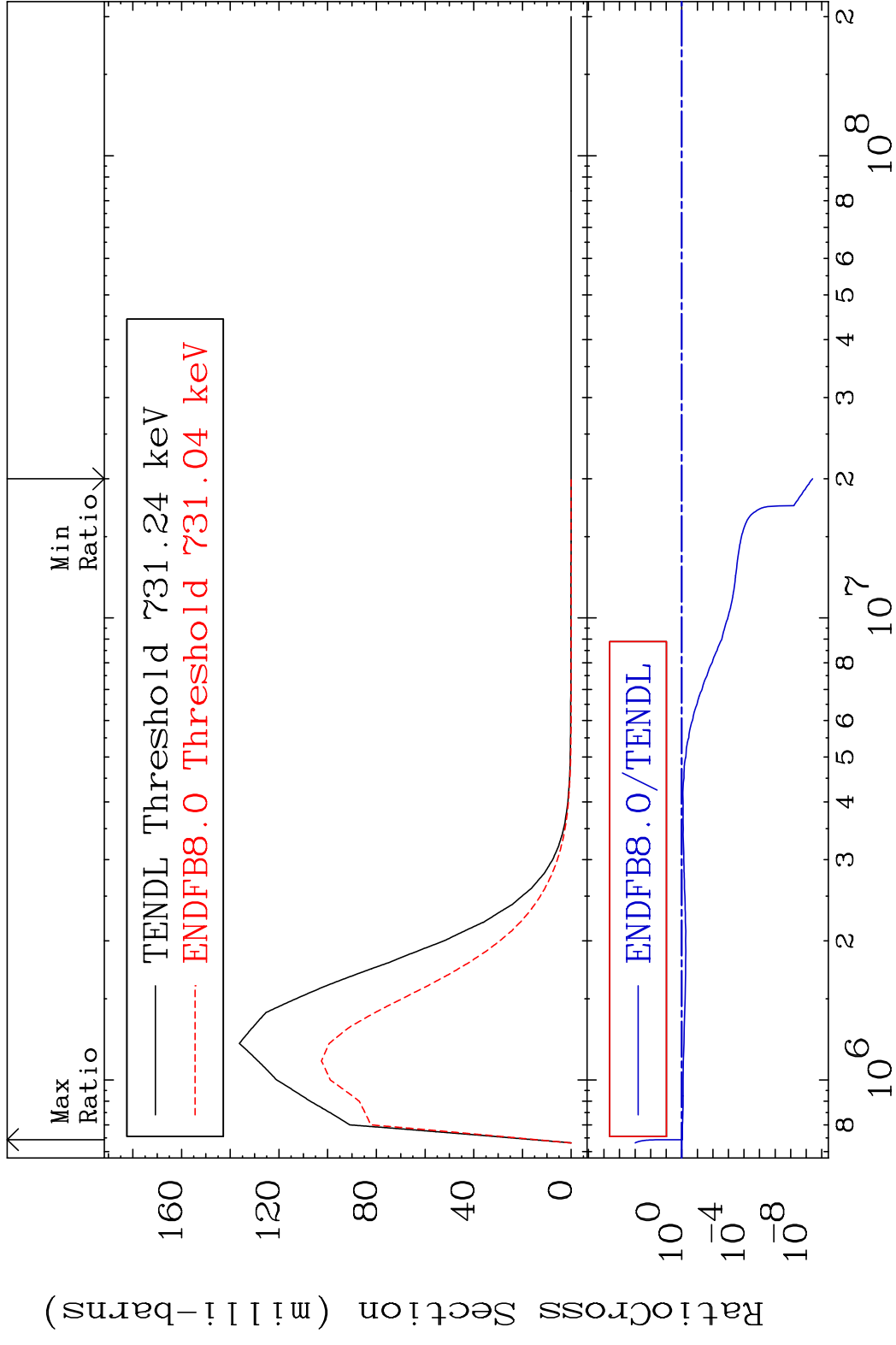
MAT 7234 MT= 69 (n, n') Level 72-Hf-177  
 Cross Section -100.0 To 0.000 %



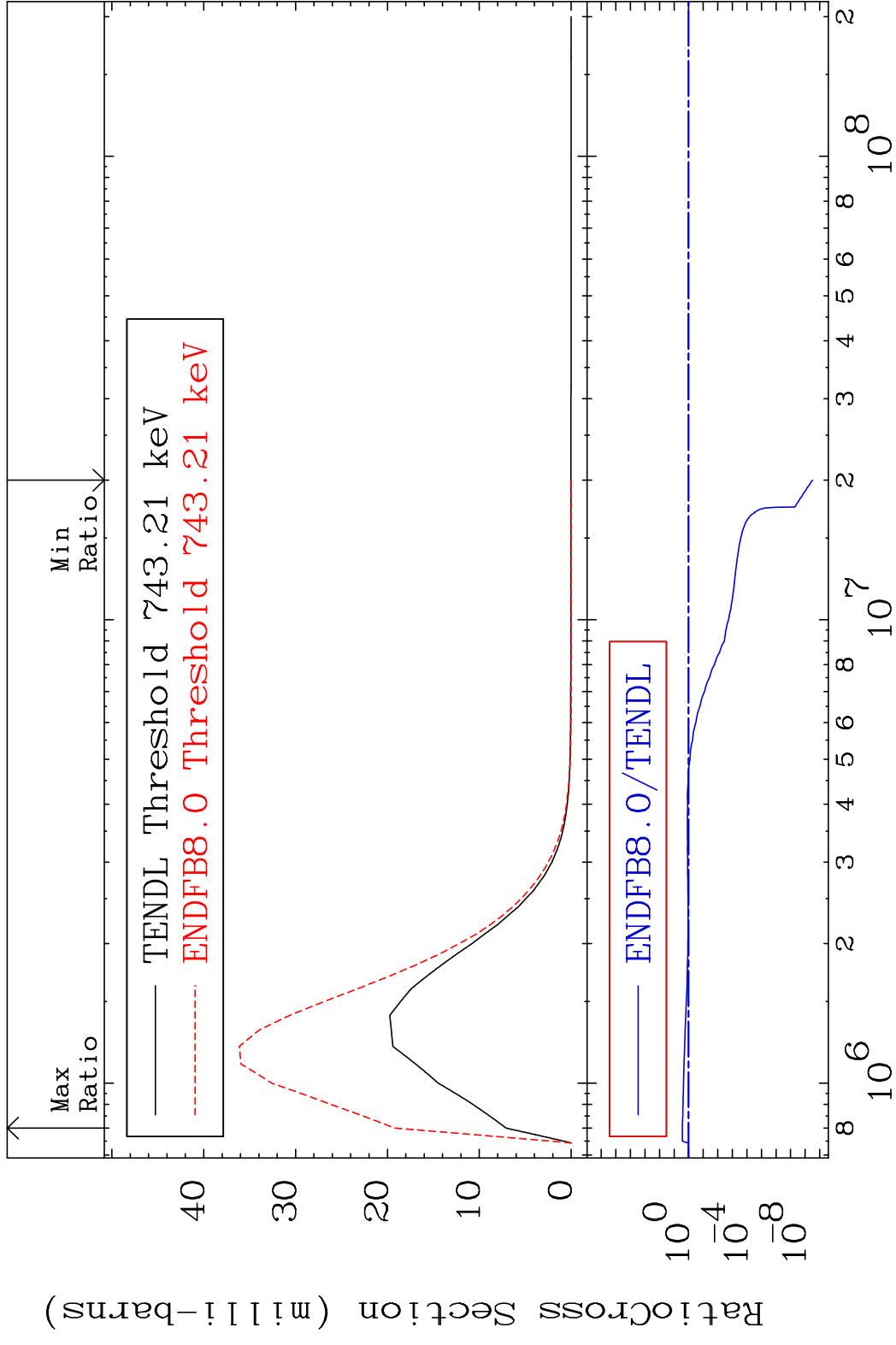
MAT 7234 MT= 70 (n,n') Level 72-Hf-177  
 Cross Section -100.0 To 29.55 %



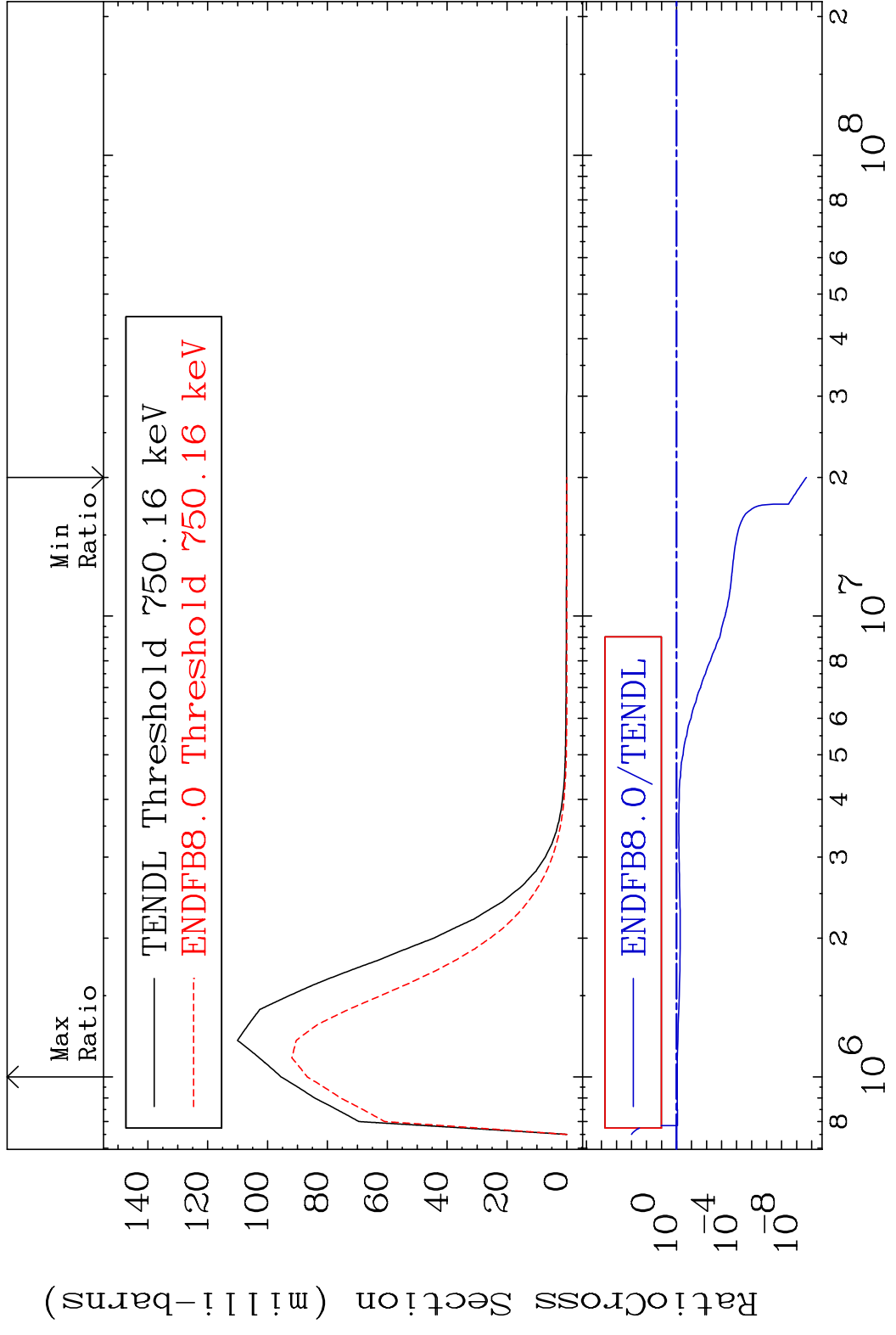
MAT 7234 MT= 71 (n, n') Level 72-Hf-177  
 Cross Section -100.0 To -8.236%



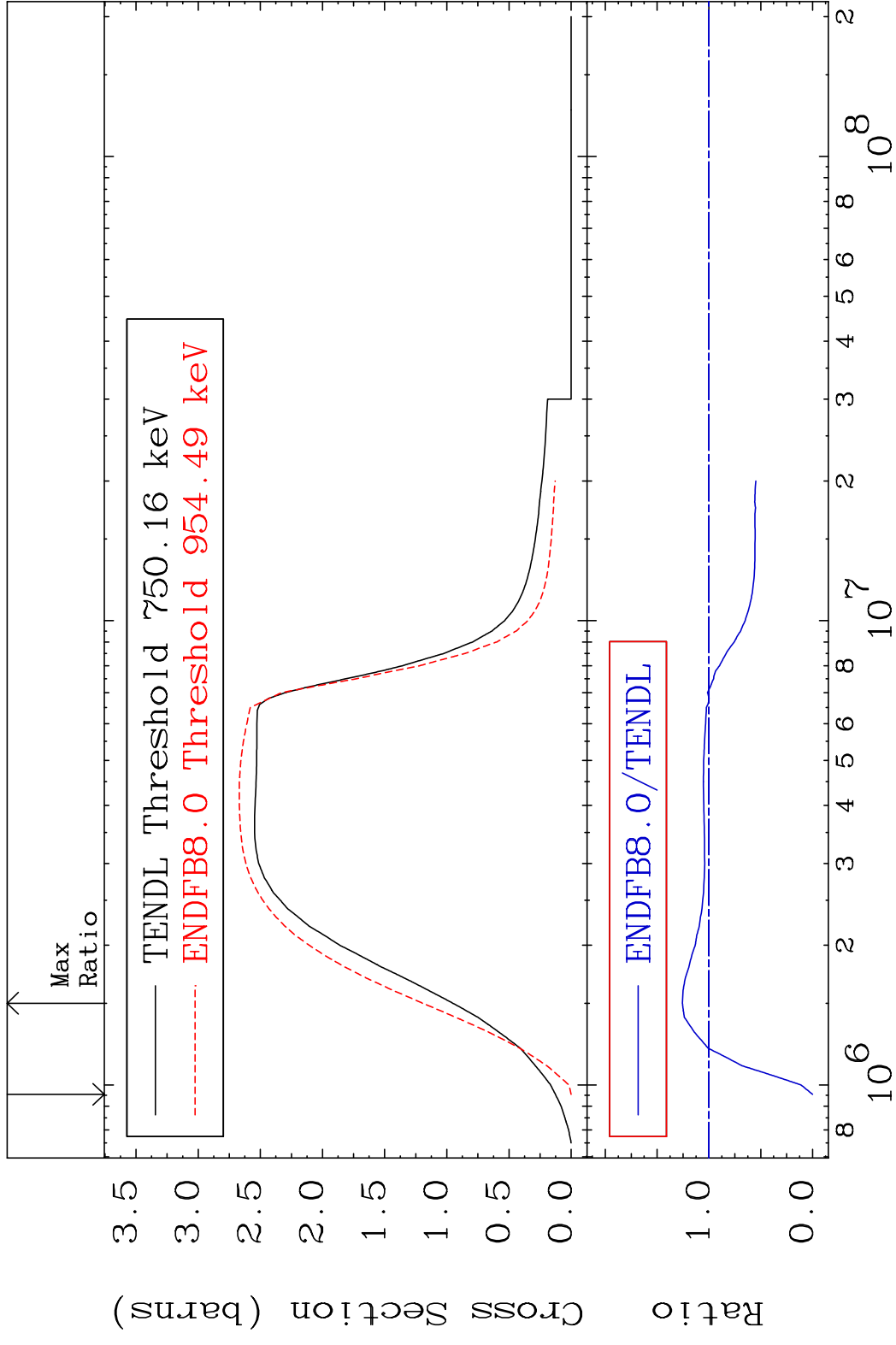
MAT 7234 MT= 72 (n, n') Level 72-Hf-177  
 Cross Section -100.0 To 171.0 %



MAT 7234 MT= 73 (n, n') Level 72-Hf-177  
 Cross Section -100.0 To -9.176%



MAT 7234 (n, n') Continuum 72-Hf-177  
 Cross Section -100.0 To 25.64 %



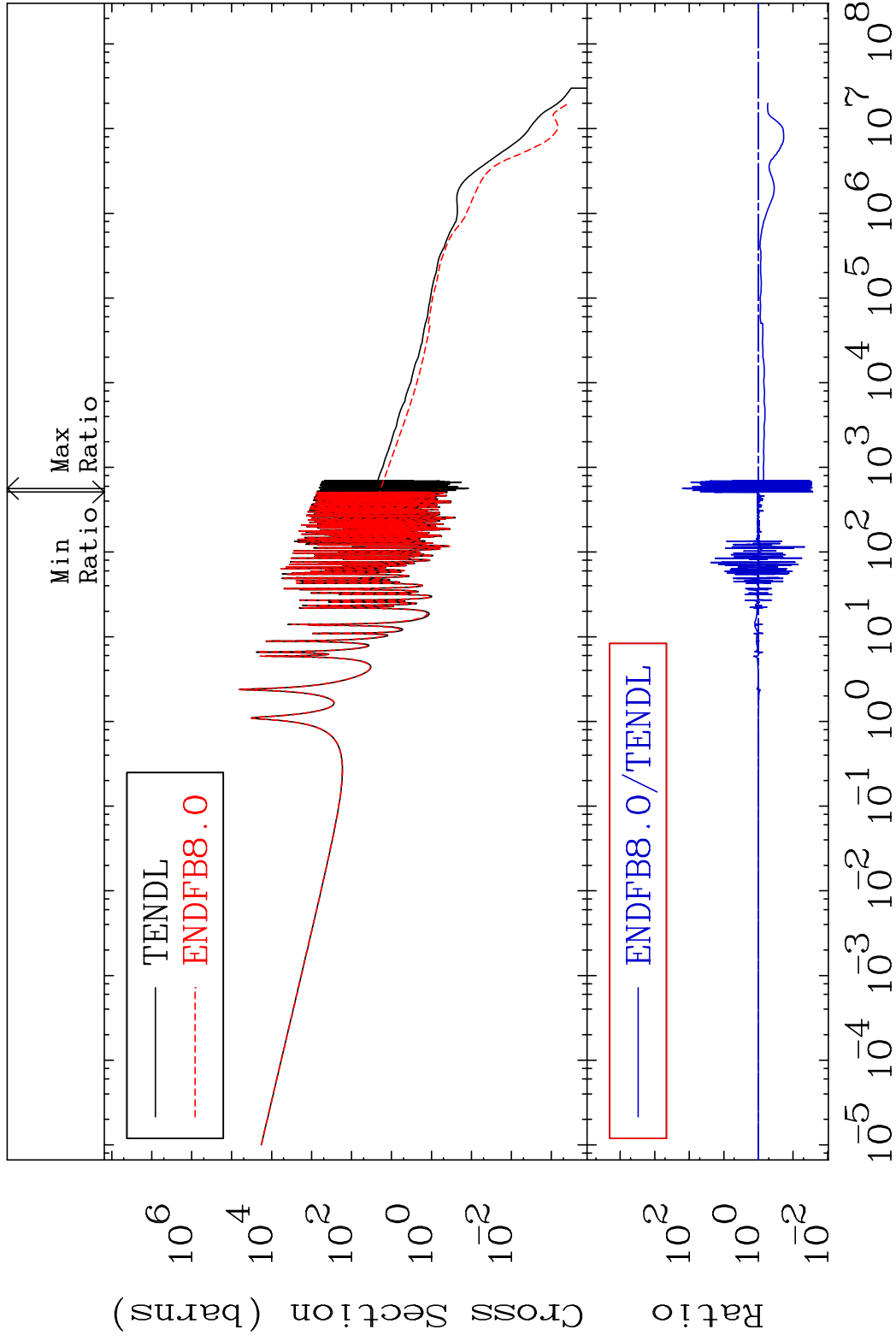


MAT 7234

(n,  $\gamma$ )

72-Hf-177

Cross Section -97.28 To 9999. %



32

Incident Energy (eV)

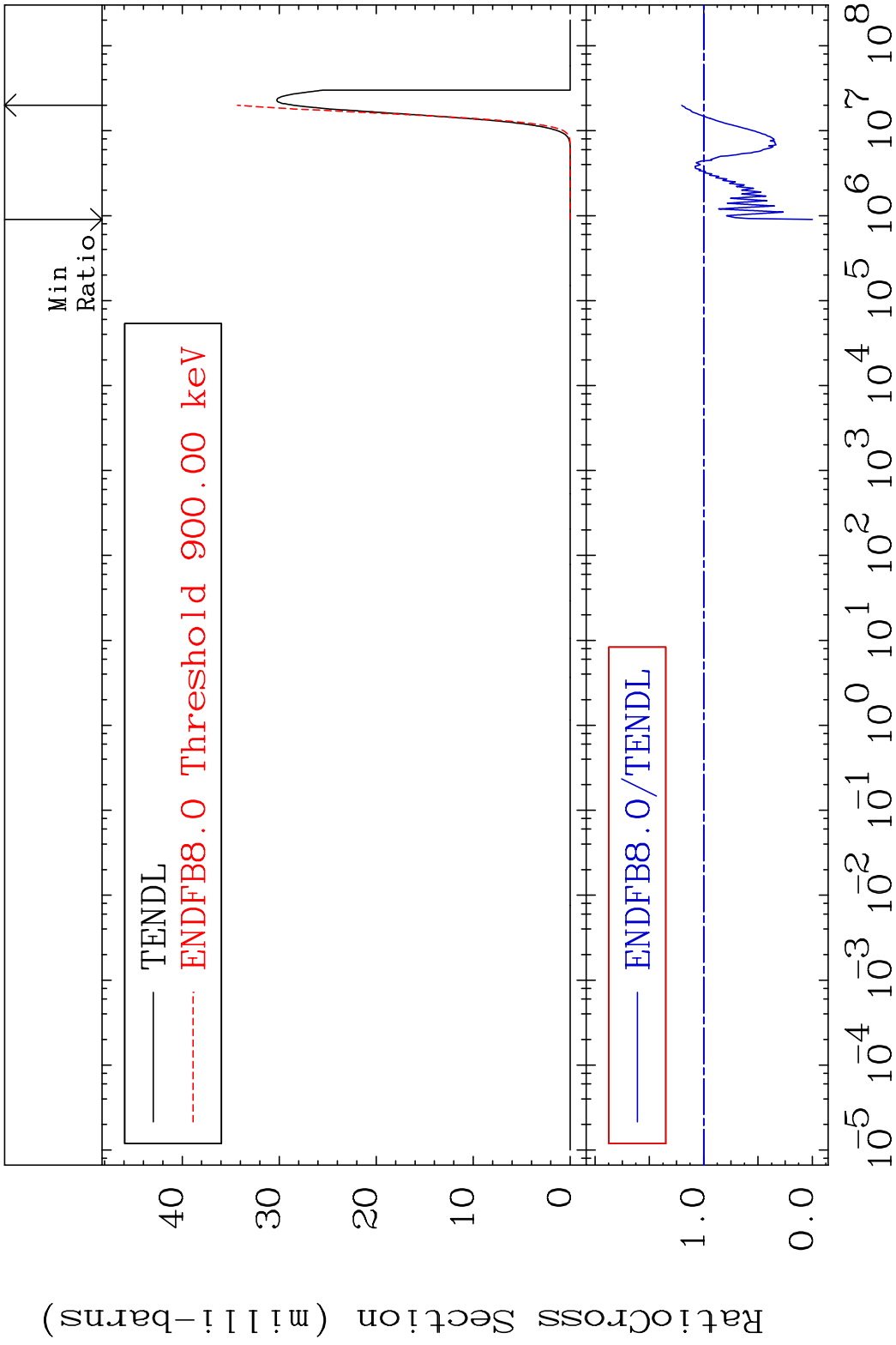
72-Hf-177

MAT 7234

(n, p)

72-Hf-177

Cross Section -100.0 To 20.21 %



33

Incident Energy (eV)

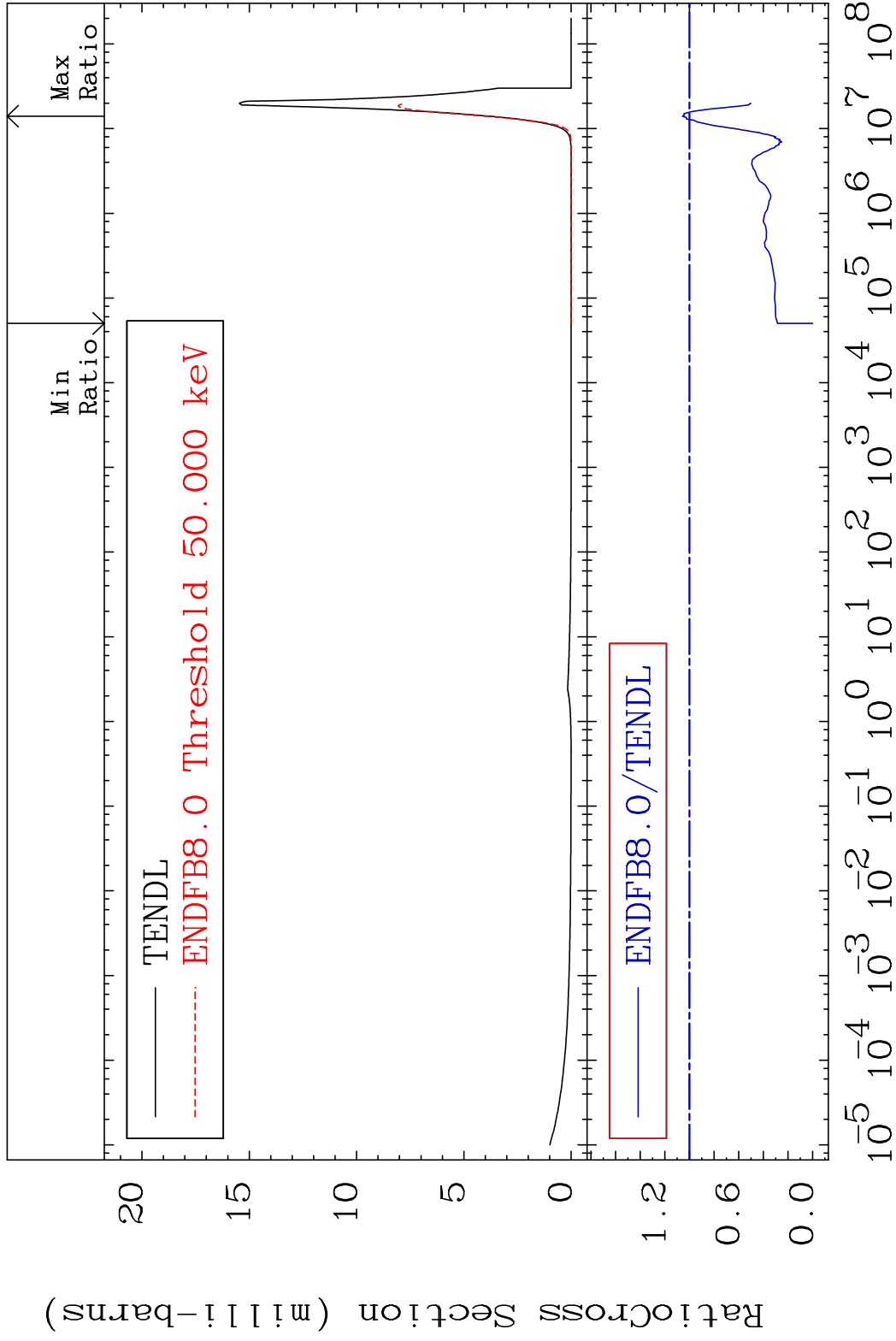
72-Hf-177

MAT 7234

(n,  $\alpha$ )

72-Hf-177

Cross Section -100.0 To 5.802 %



34

Incident Energy (eV)

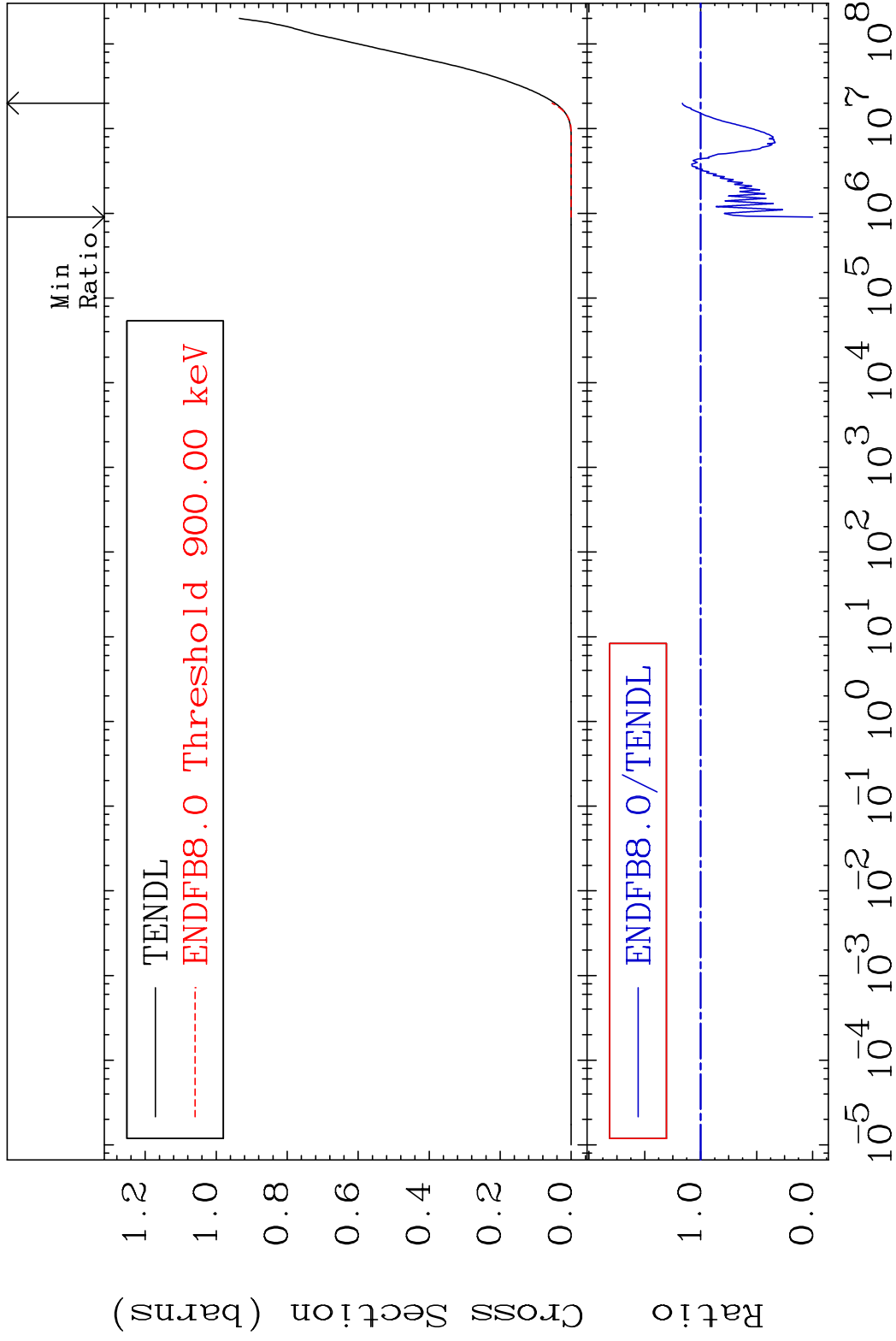
72-Hf-177

MAT 7234

Hydrogen Production

72-Hf-177

Cross Section -100.0 To 16.41 %



35

Incident Energy (eV)

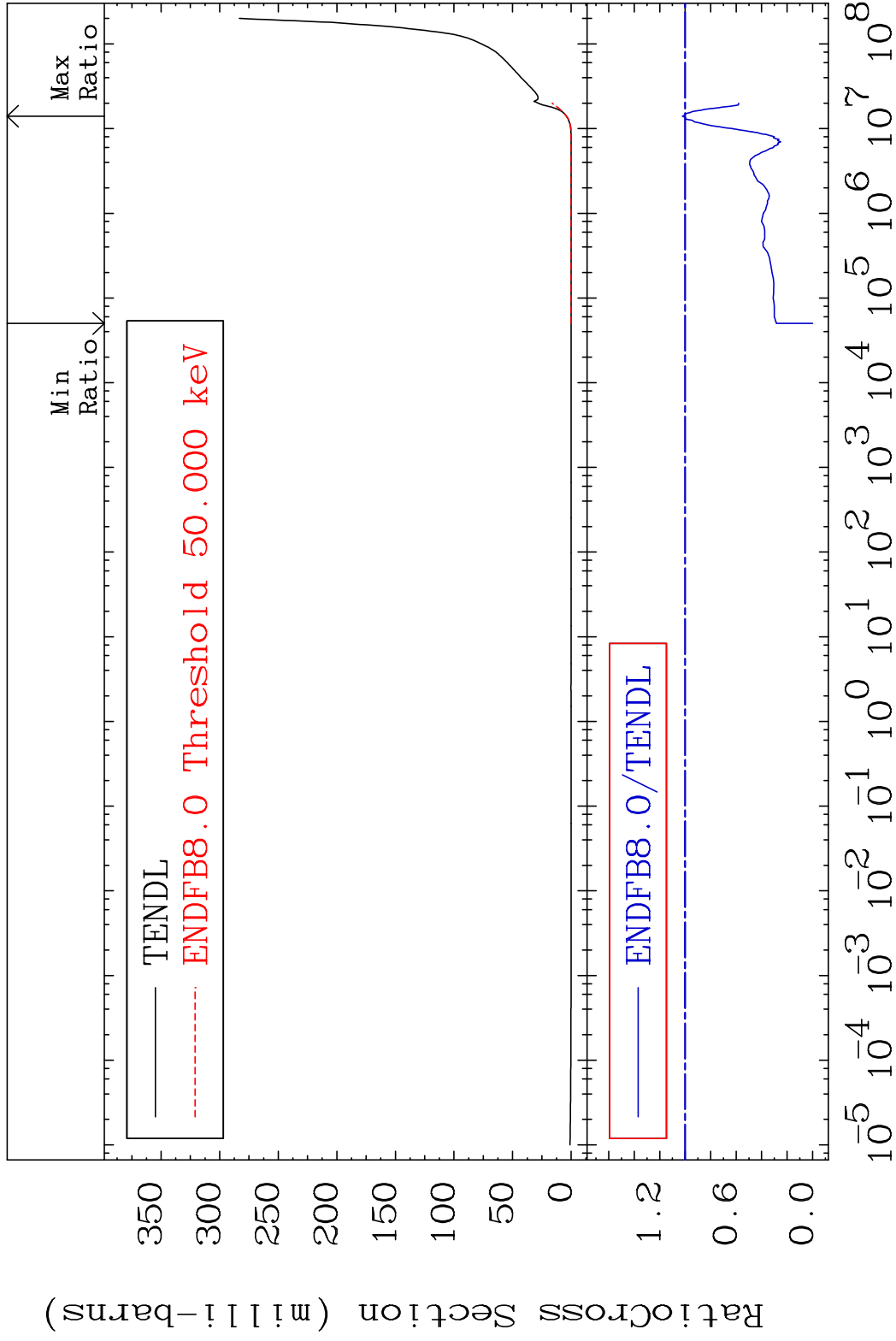
72-Hf-177

MAT 7234

He-4 Production

72-Hf-177

Cross Section -100.0 To 2.231 %

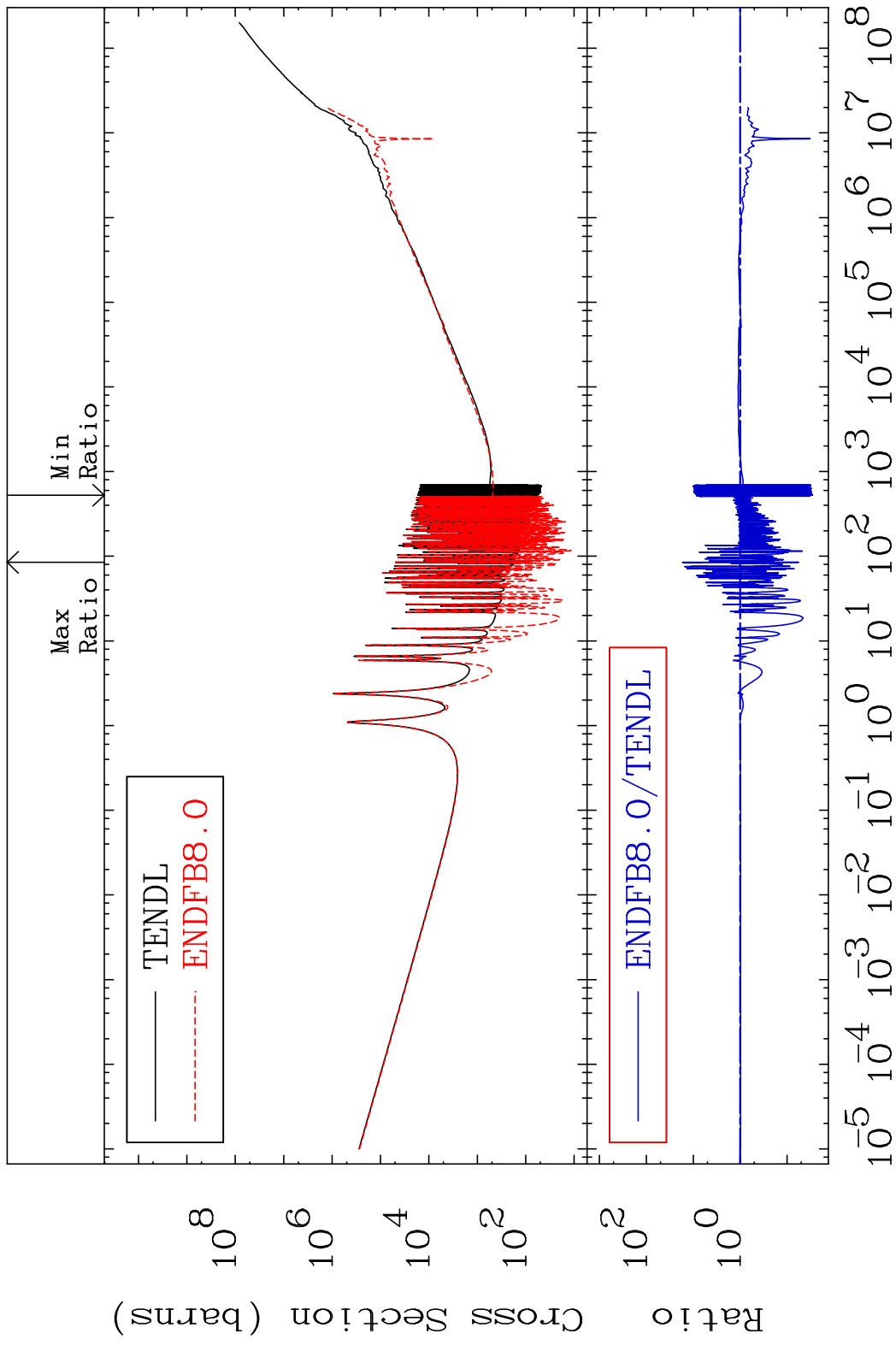


36

Incident Energy (eV)

72-Hf-177

MAT 7234 Kerma total (eV-barns) 72-Hf-177  
 Cross Section -97.14 To 1607. %



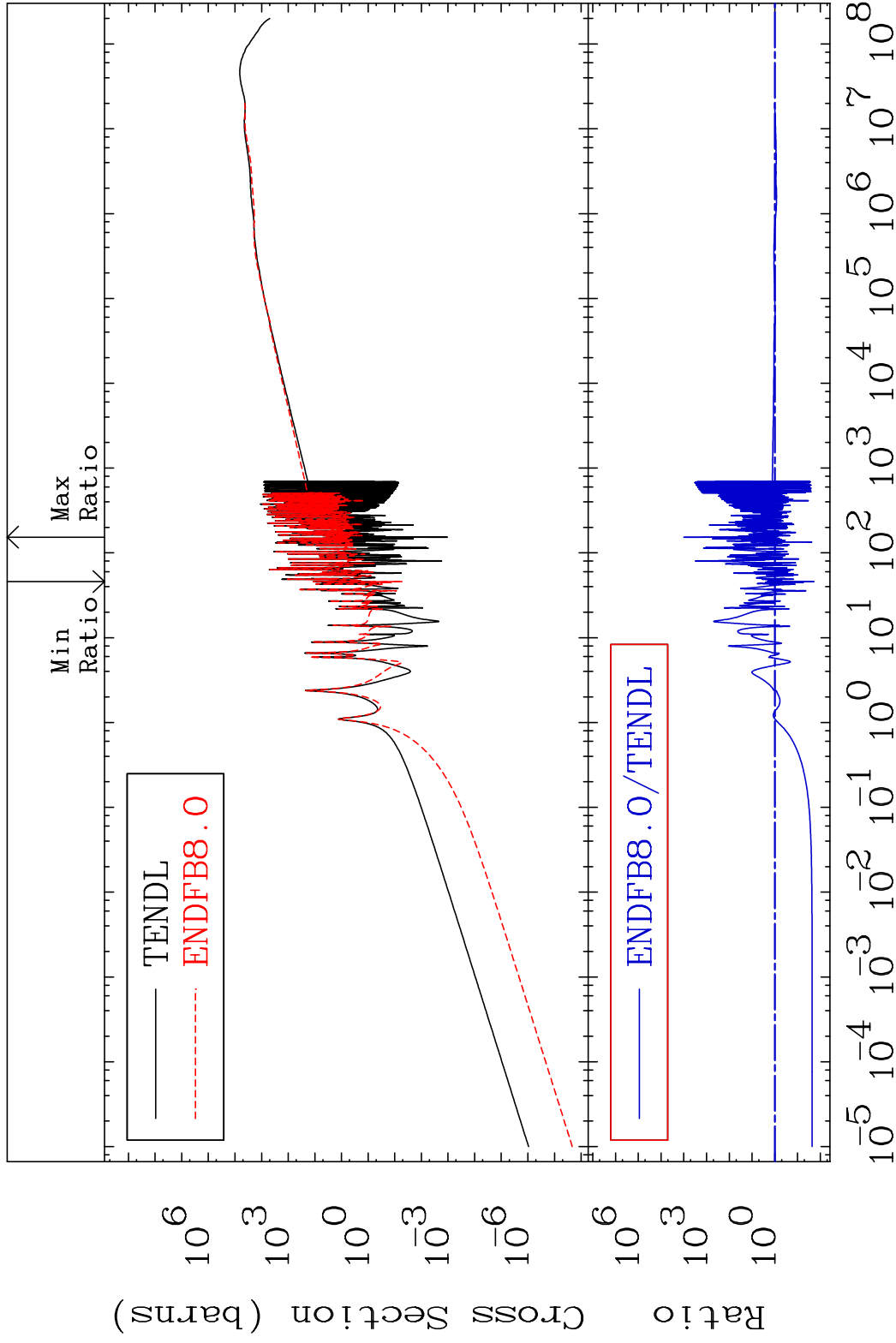
37 Incident Energy (eV) 72-Hf-177

MAT 7234

Kerma elastic

72-Hf-177

Cross Section -98.12 To 9999. %

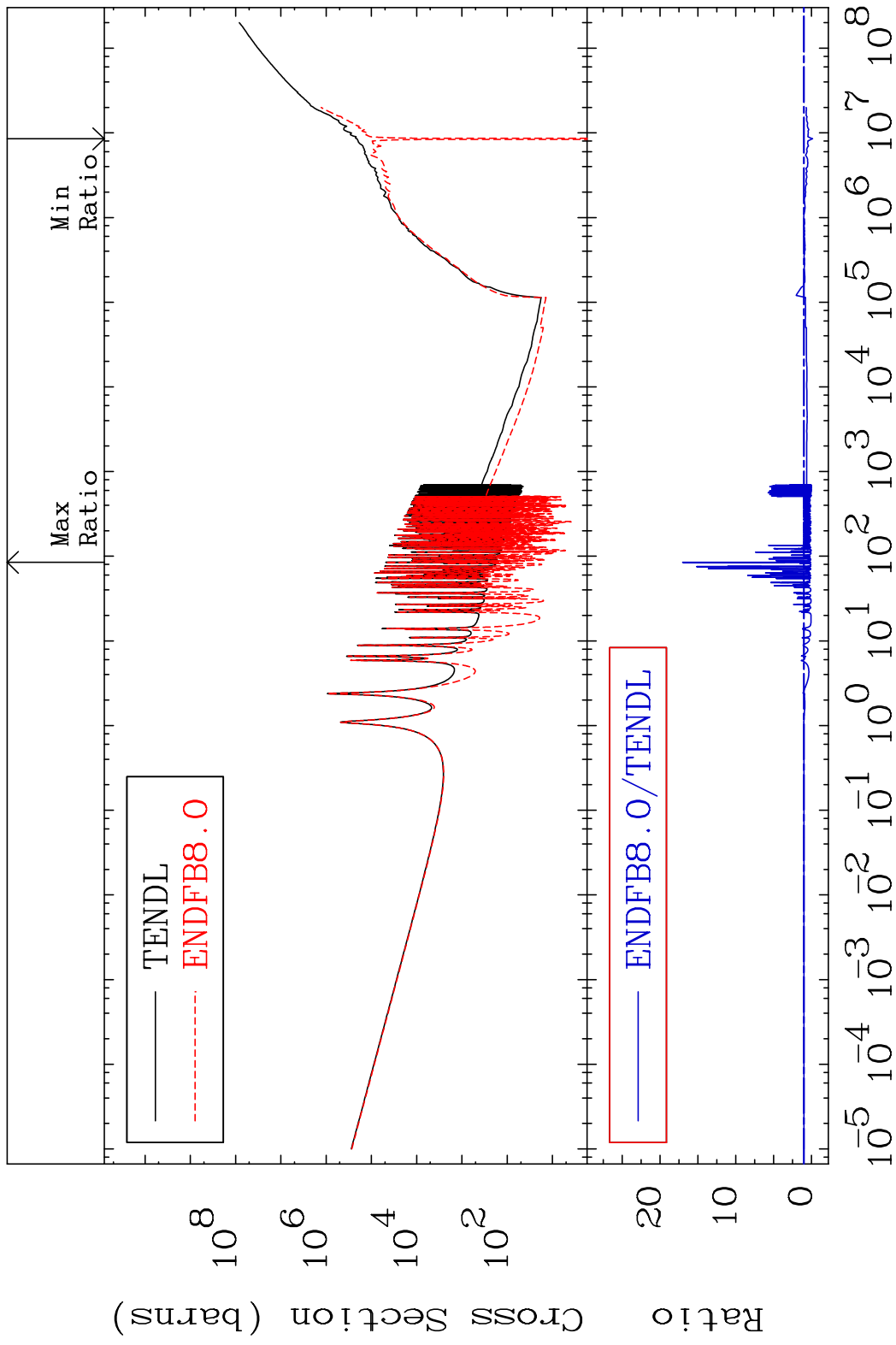


38

Incident Energy (eV)

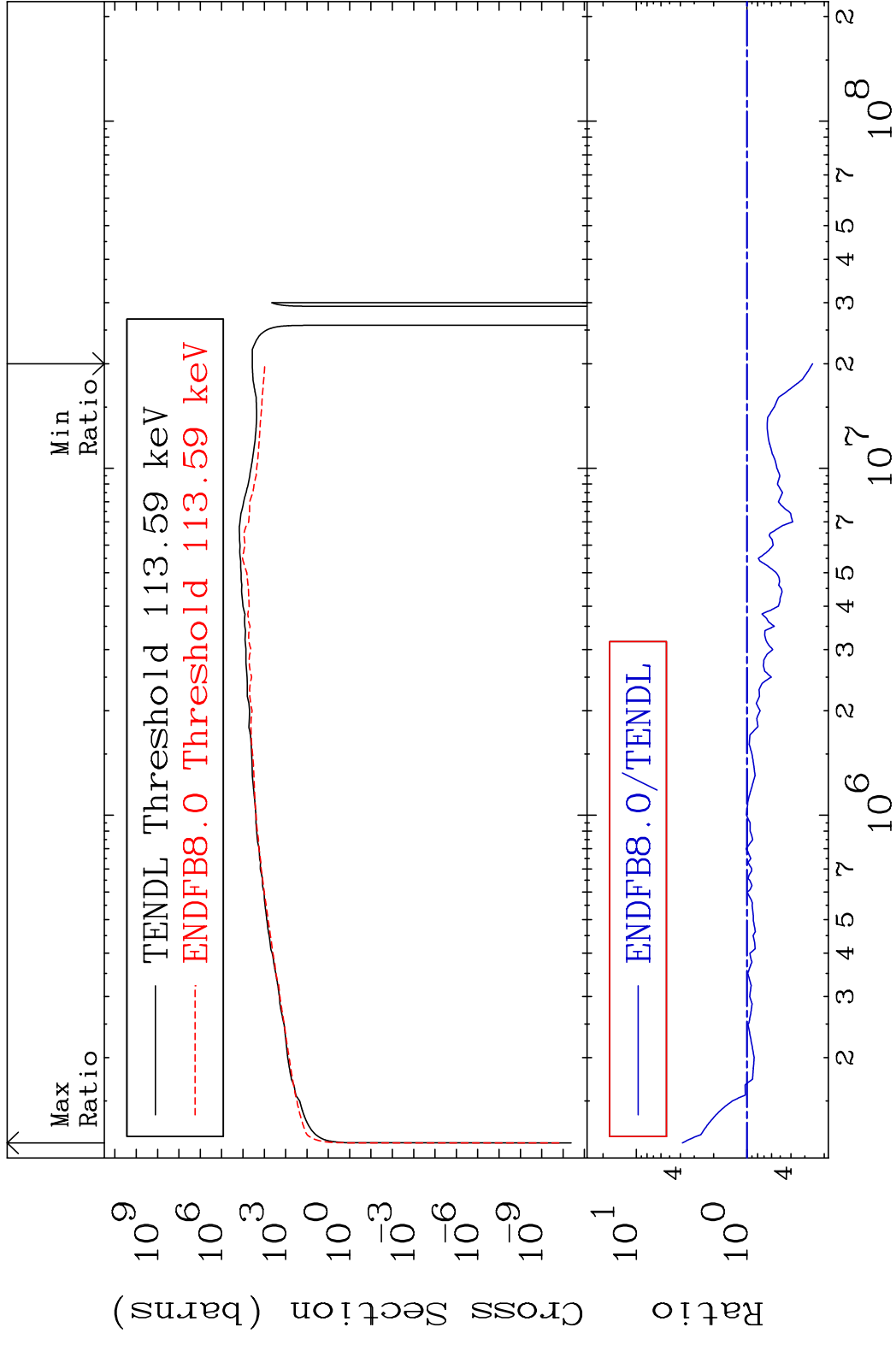
72-Hf-177

MAT 7234 Kerma non-elastic (all but mt2) 72-Hf-177  
 Cross Section -114.5 To 1605. %

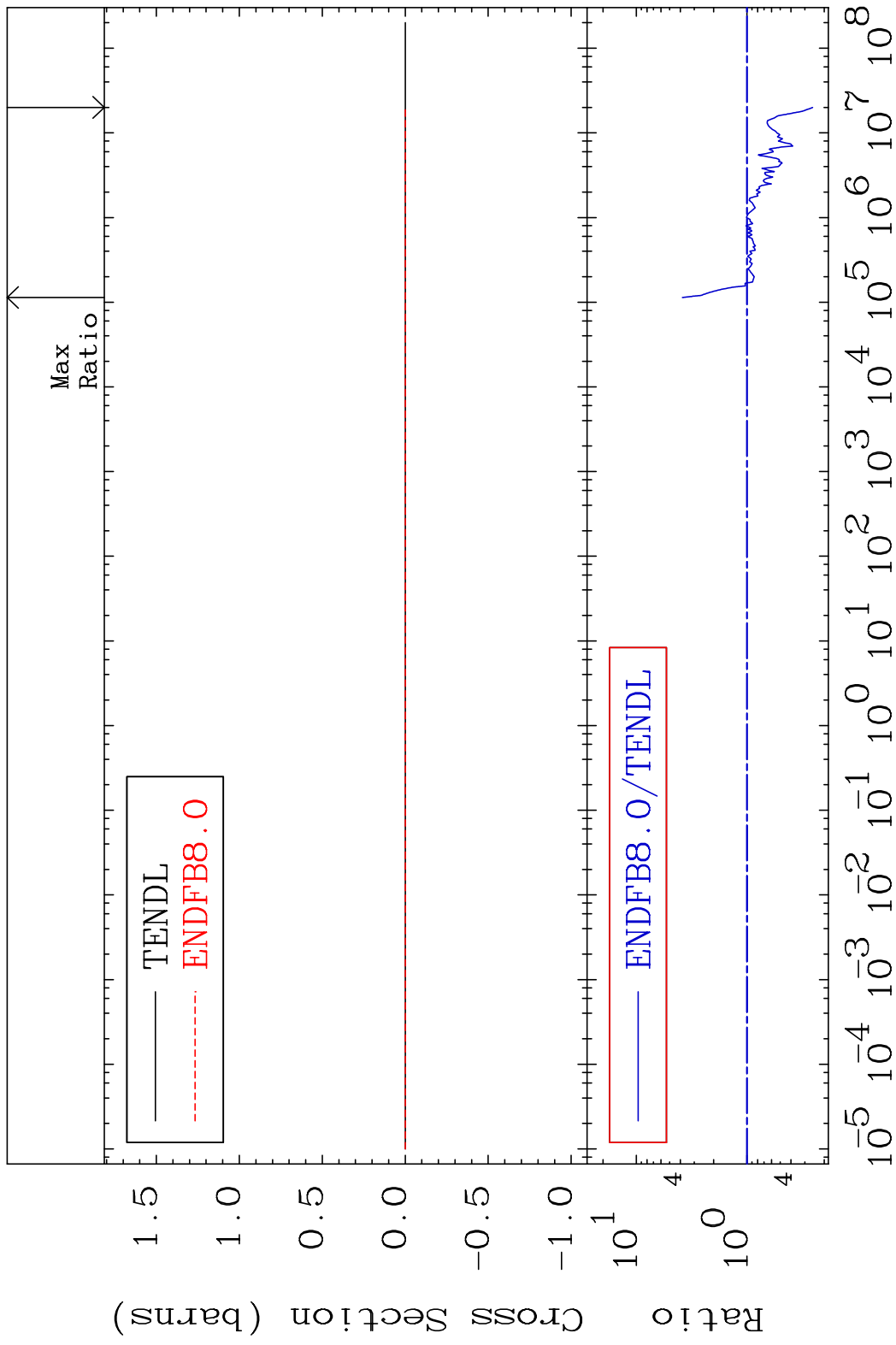




MAT 7234 Kerma inelastic (mt51-91) 72-Hf-177  
 Cross Section -74.49 To 283.4 %



MAT 7234 Kerma fission (mt18 or mt19-20-21-38)72-Hf-177  
 Cross Section -74.49 To 283.4 %

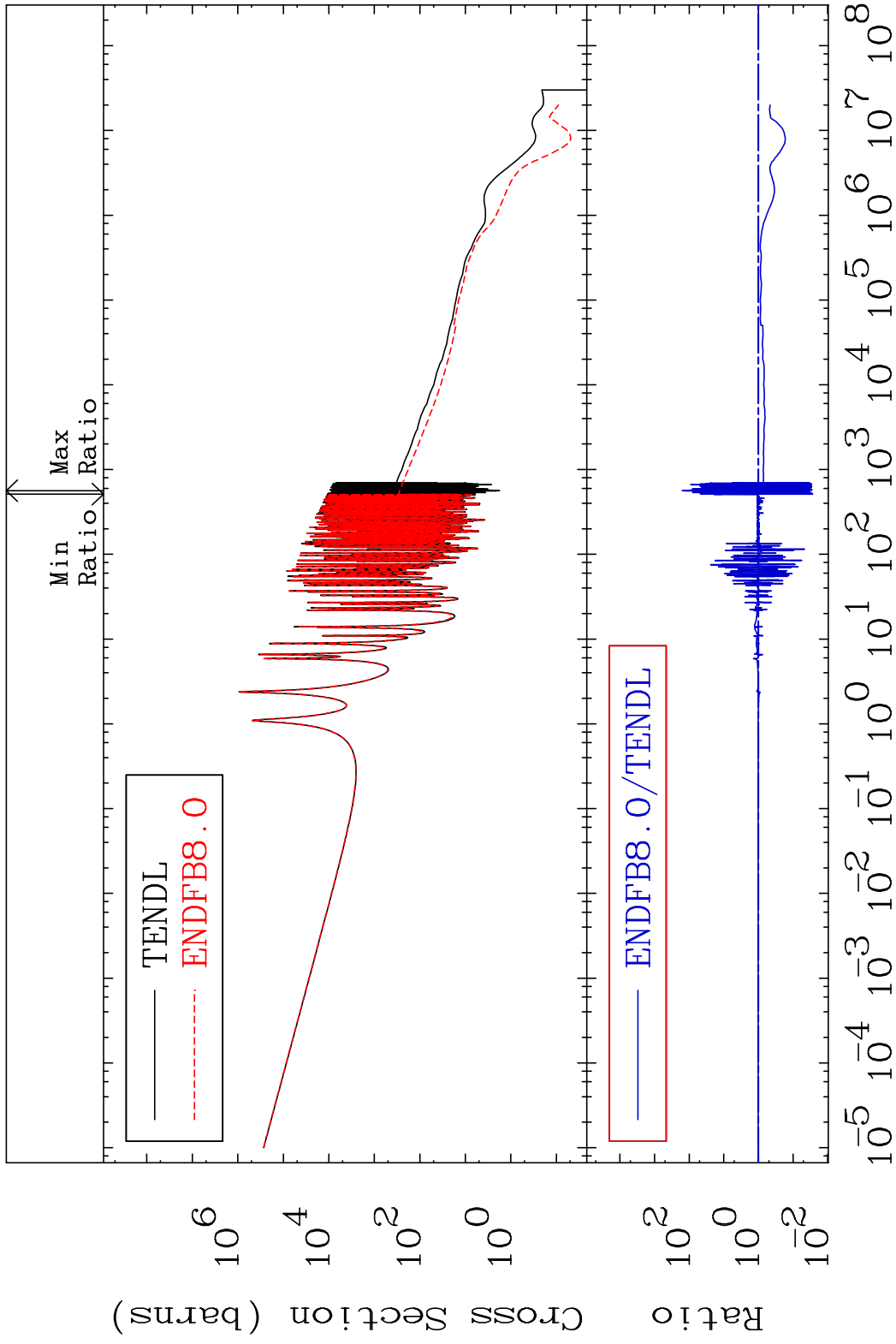


MAT 7234

Kerma capture (mt102)

72-Hf-177

Cross Section -97.26 To 9999. %



42

Incident Energy (eV)

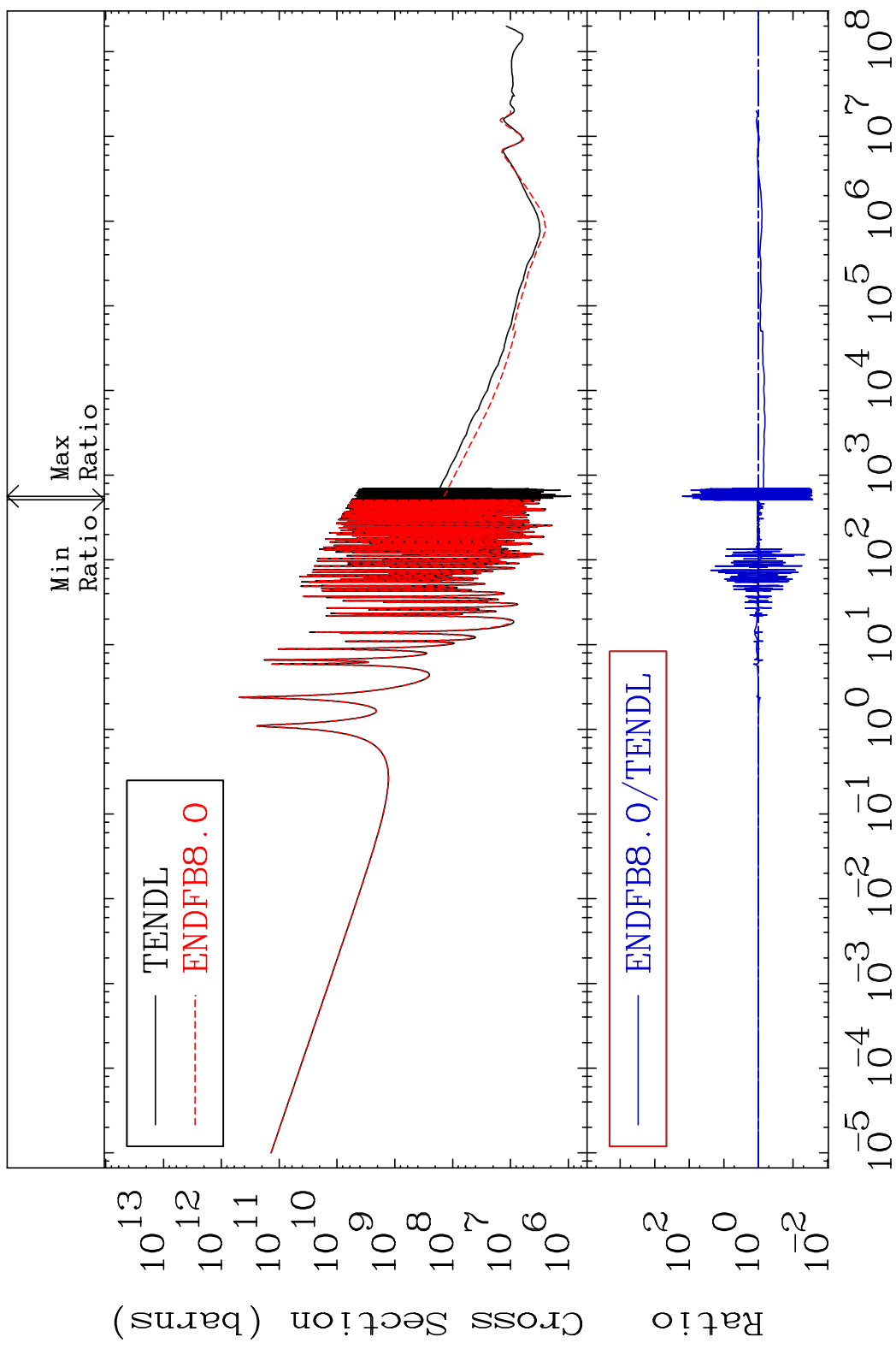
72-Hf-177

MAT 7234

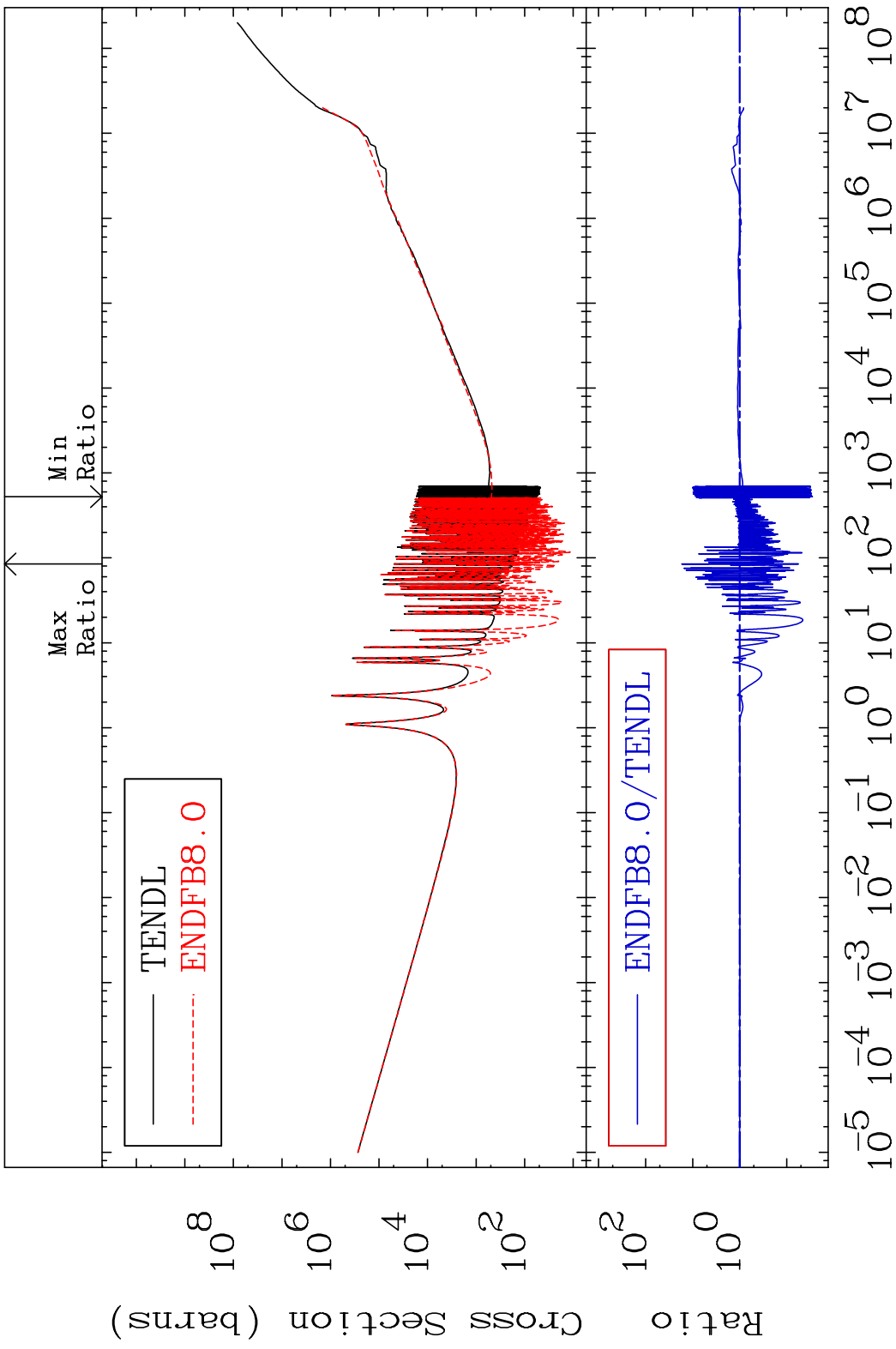
Total photon (eV-barns)

72-Hf-177

Cross Section -97.28 To 9999. %



MAT 7234 Total kinematic kerma (high limit) 72-Hf-177  
 Cross Section -97.14 To 1606. %

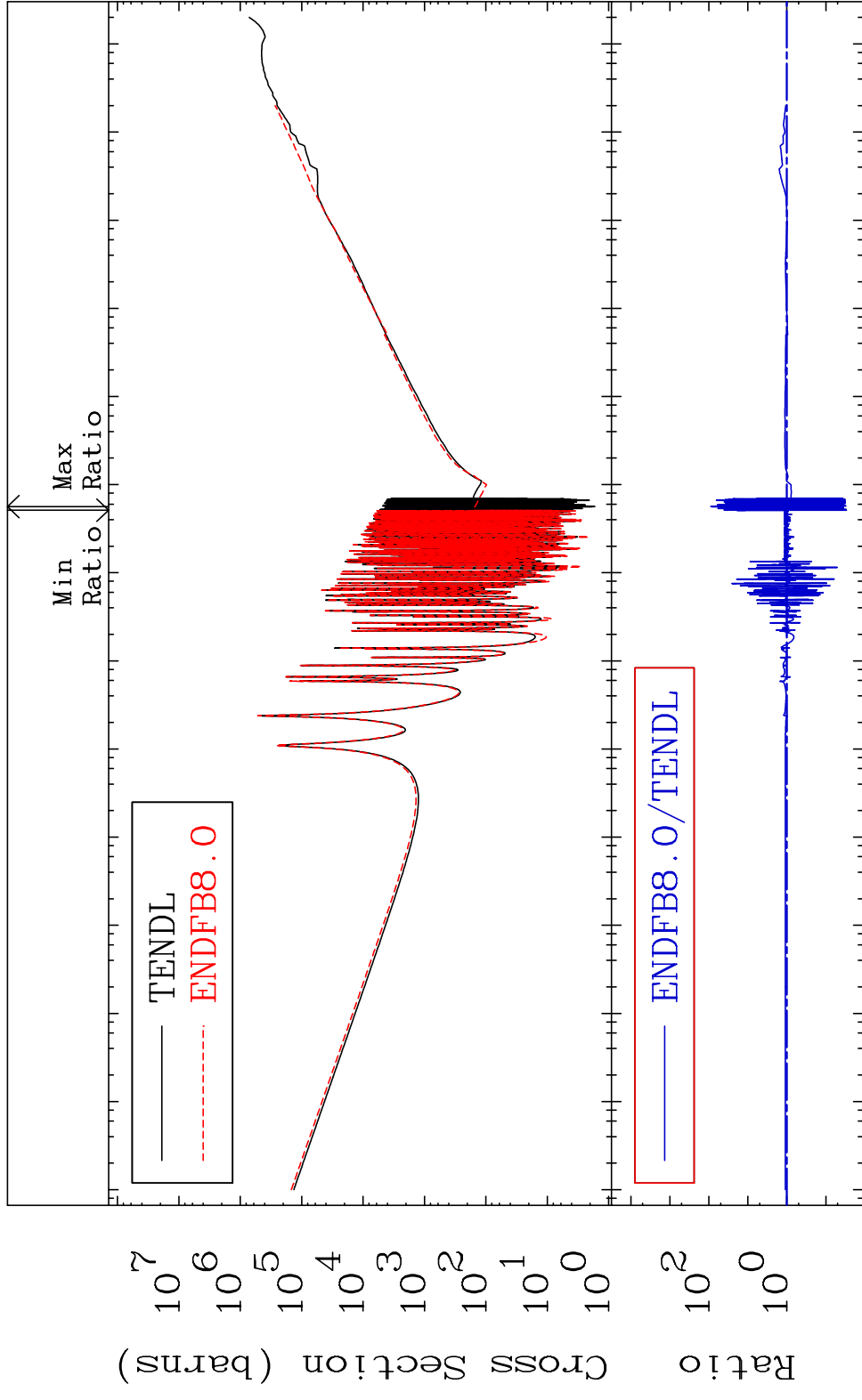


MAT 7234

Dpa total (eV-barns)

72-Hf-177

Cross Section -97.02 To 8869. %

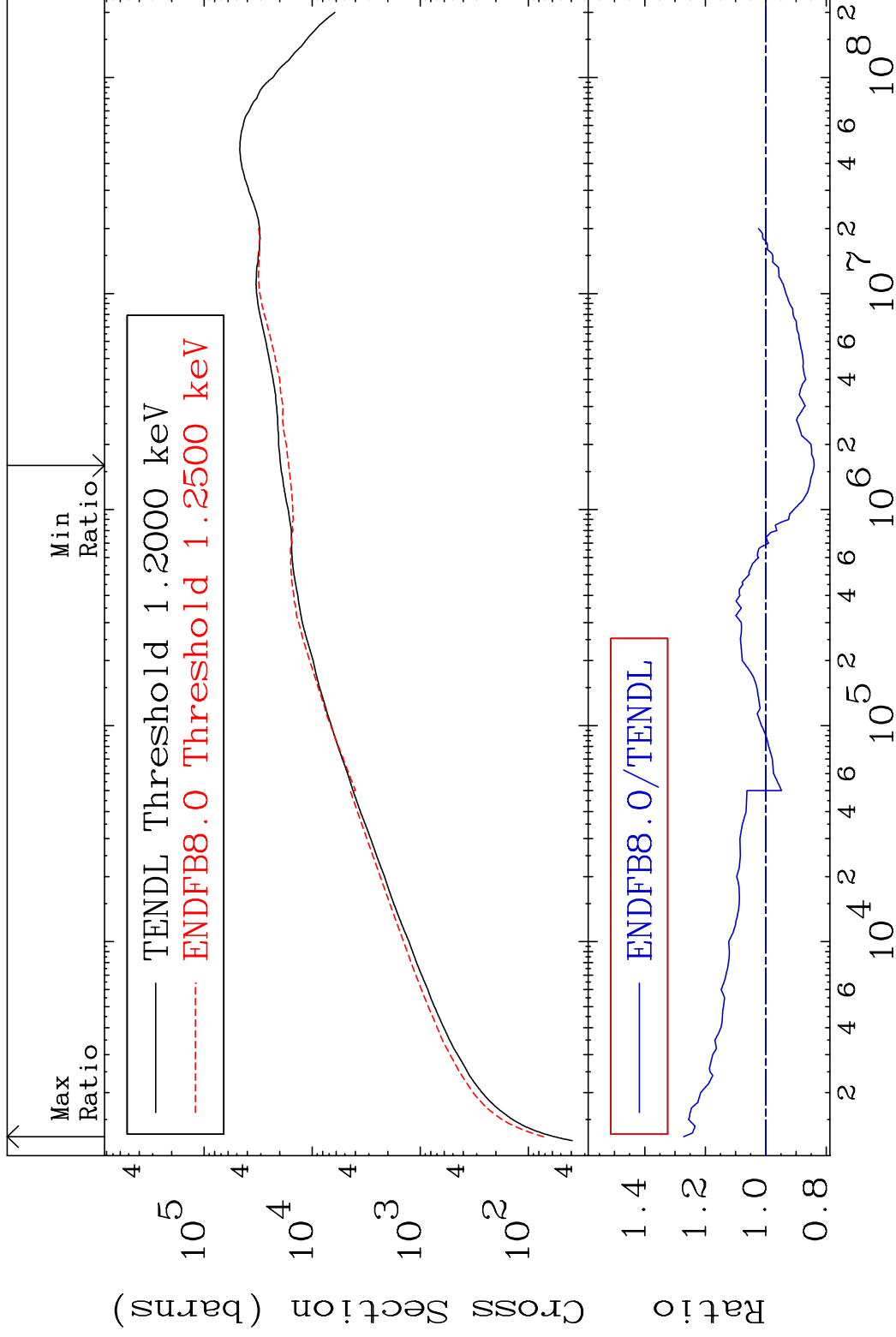


MAT 7234

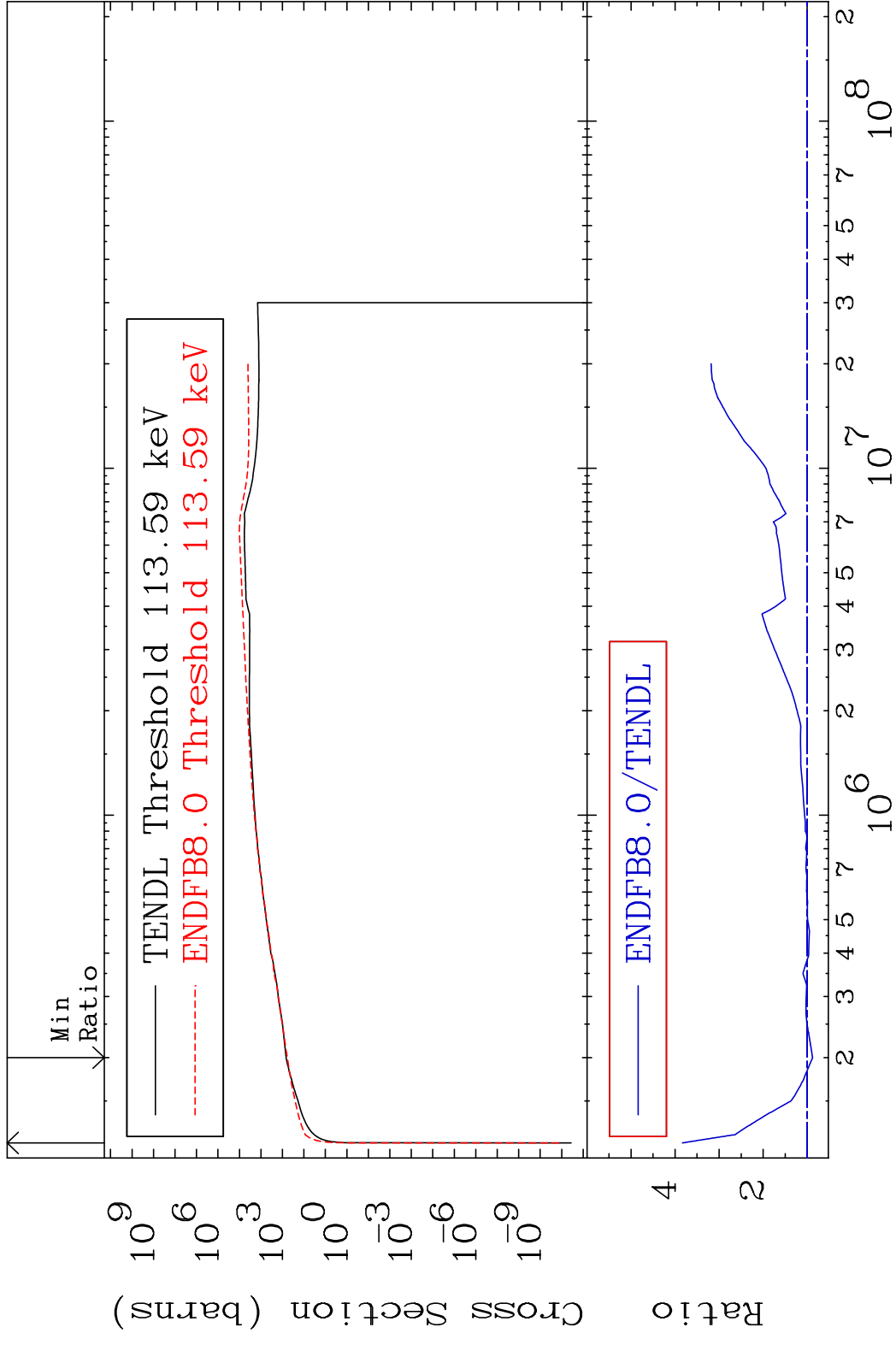
Dpa elastic (mt2)

72-Hf-177

Cross Section -15.97 To 27.15 %



MAT 7234 Dpa inelastic (mt51-91) 72-Hf-177  
 Cross Section -12.13 To 283.4 %





MAT 7234 Dpa disappearance (mt102 -120) 72-Hf-177  
 Cross Section -97.02 To 8869. %

