

Program Complot
(Version 2021-1)

by

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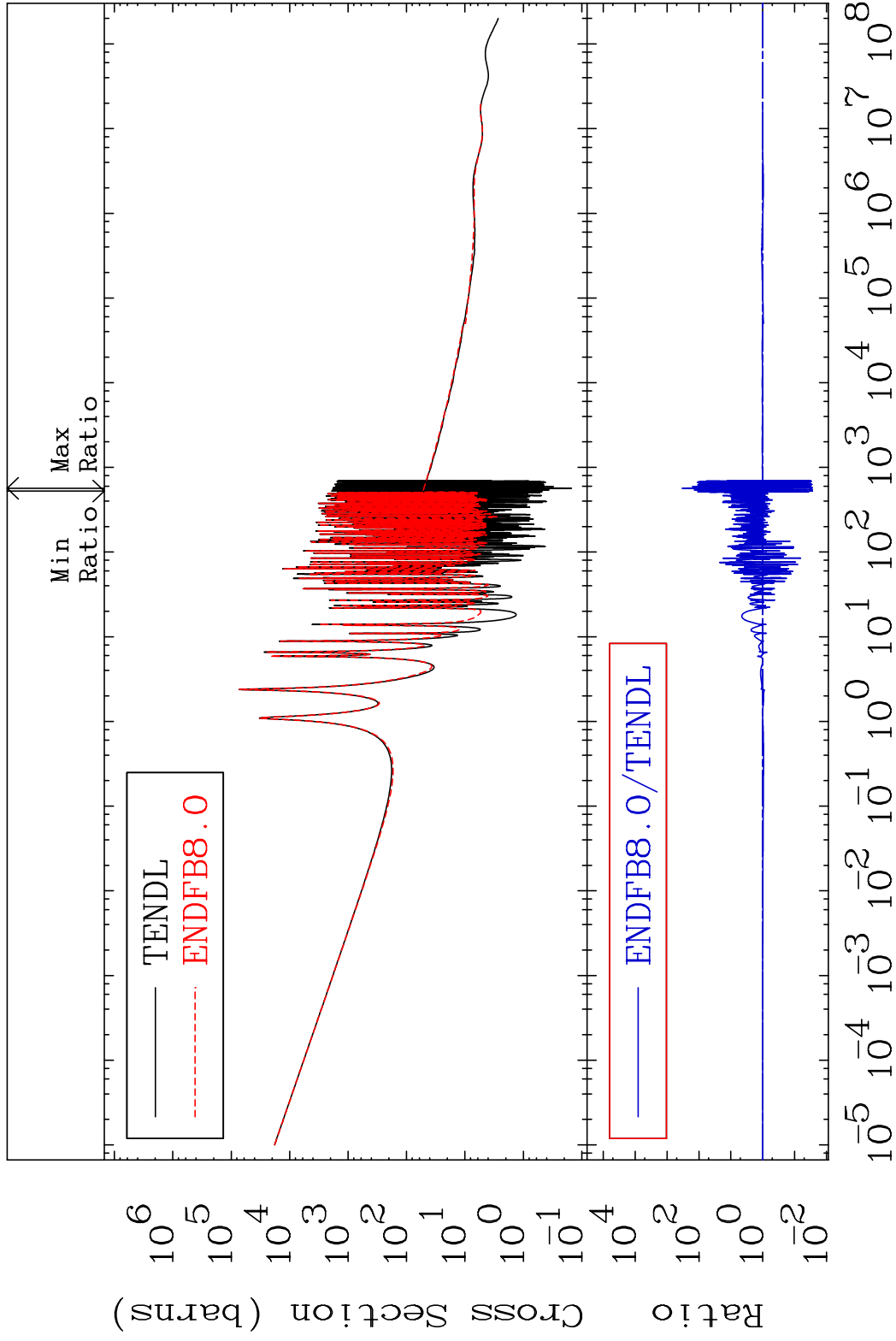
Press Mouse Button to Start

MAT 7234

Total

72-Hf-177

Cross Section -97.27 To 9999. %



1

Incident Energy (eV)

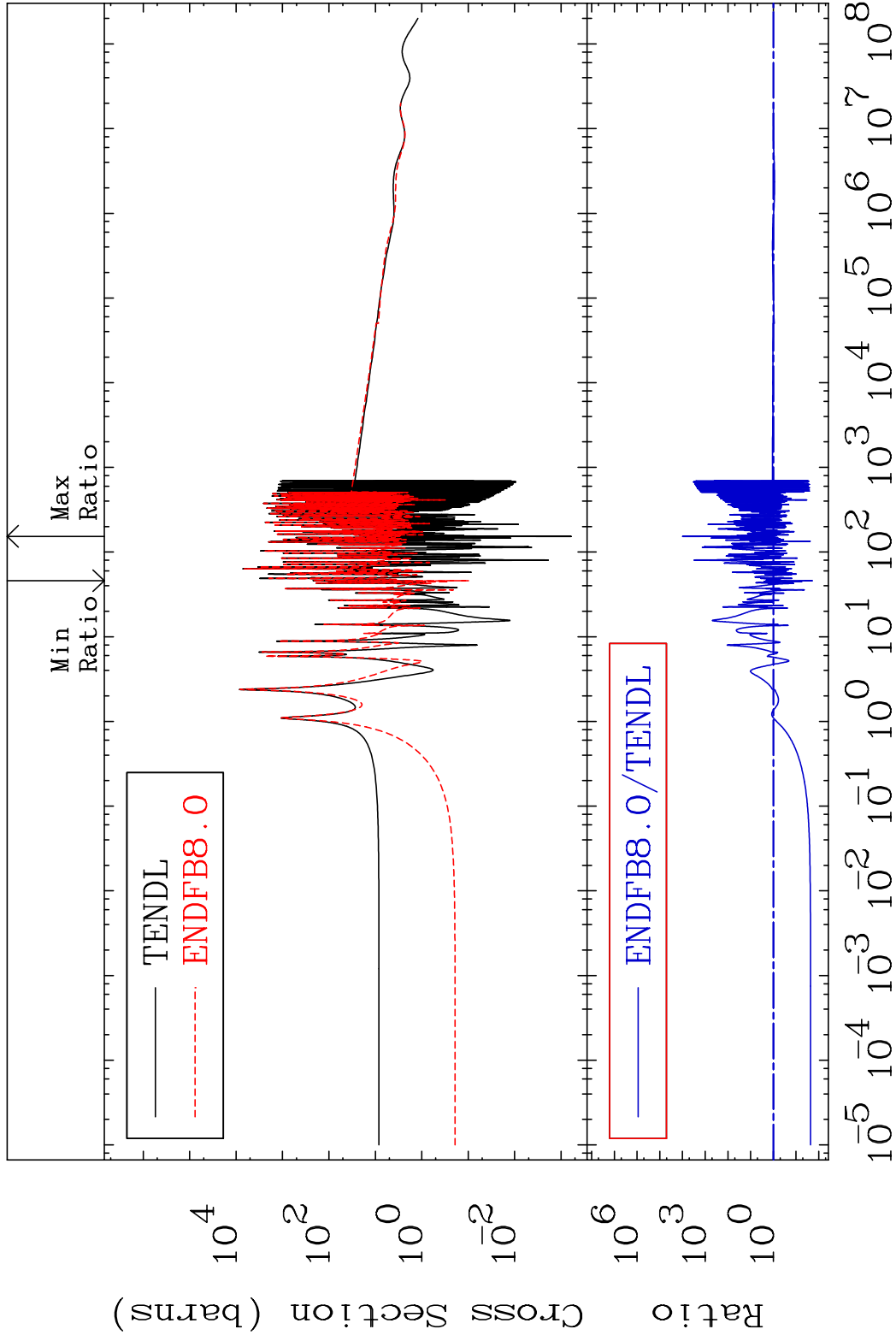
72-Hf-177

MAT 7234

Elastic

72-Hf-177

Cross Section -98.12 To 9999. %

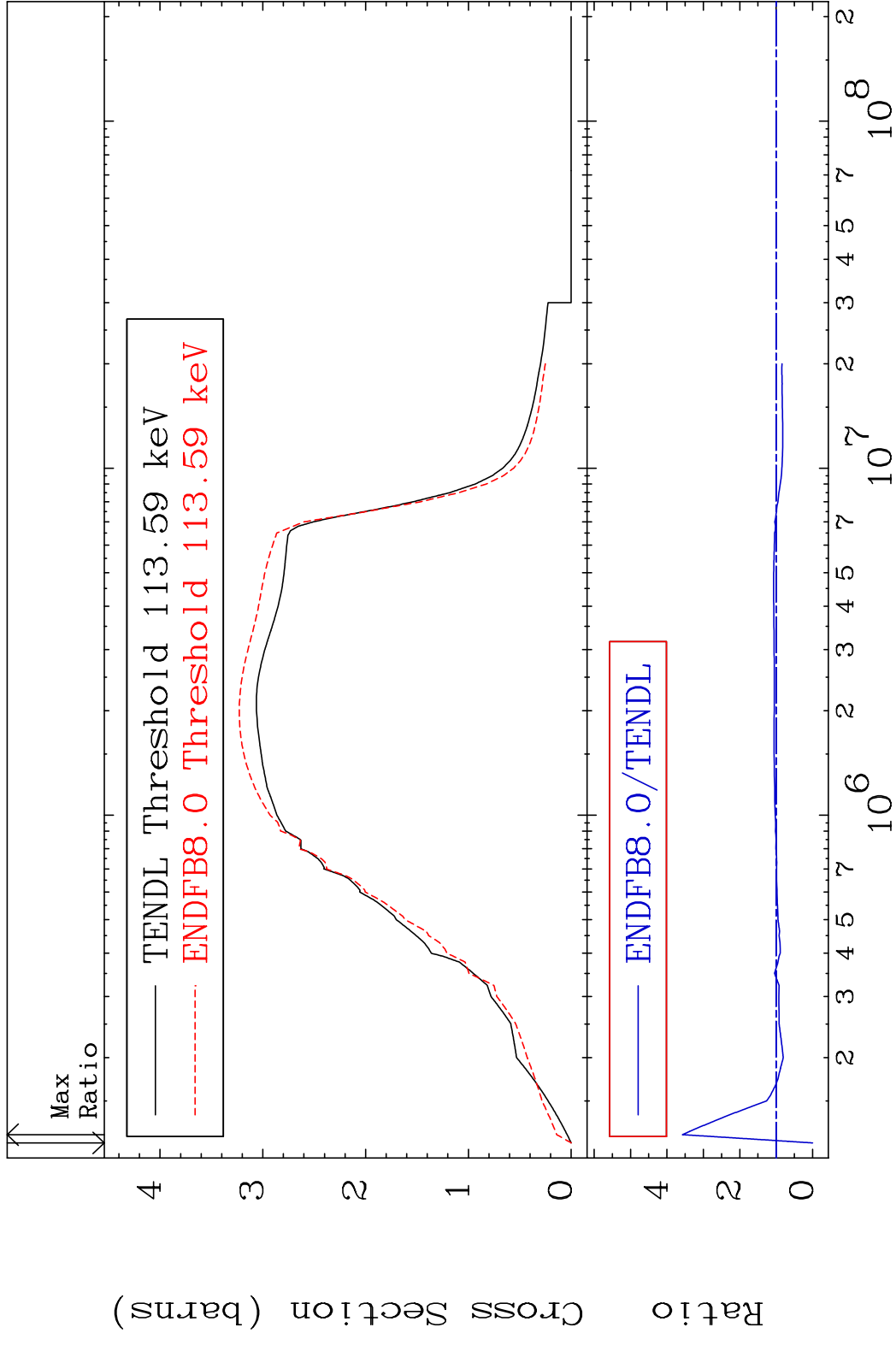


2

Incident Energy (eV)

72-Hf-177

MAT 7234 Inelastic 72-Hf-177
 Cross Section -100.0 To 257.7 %

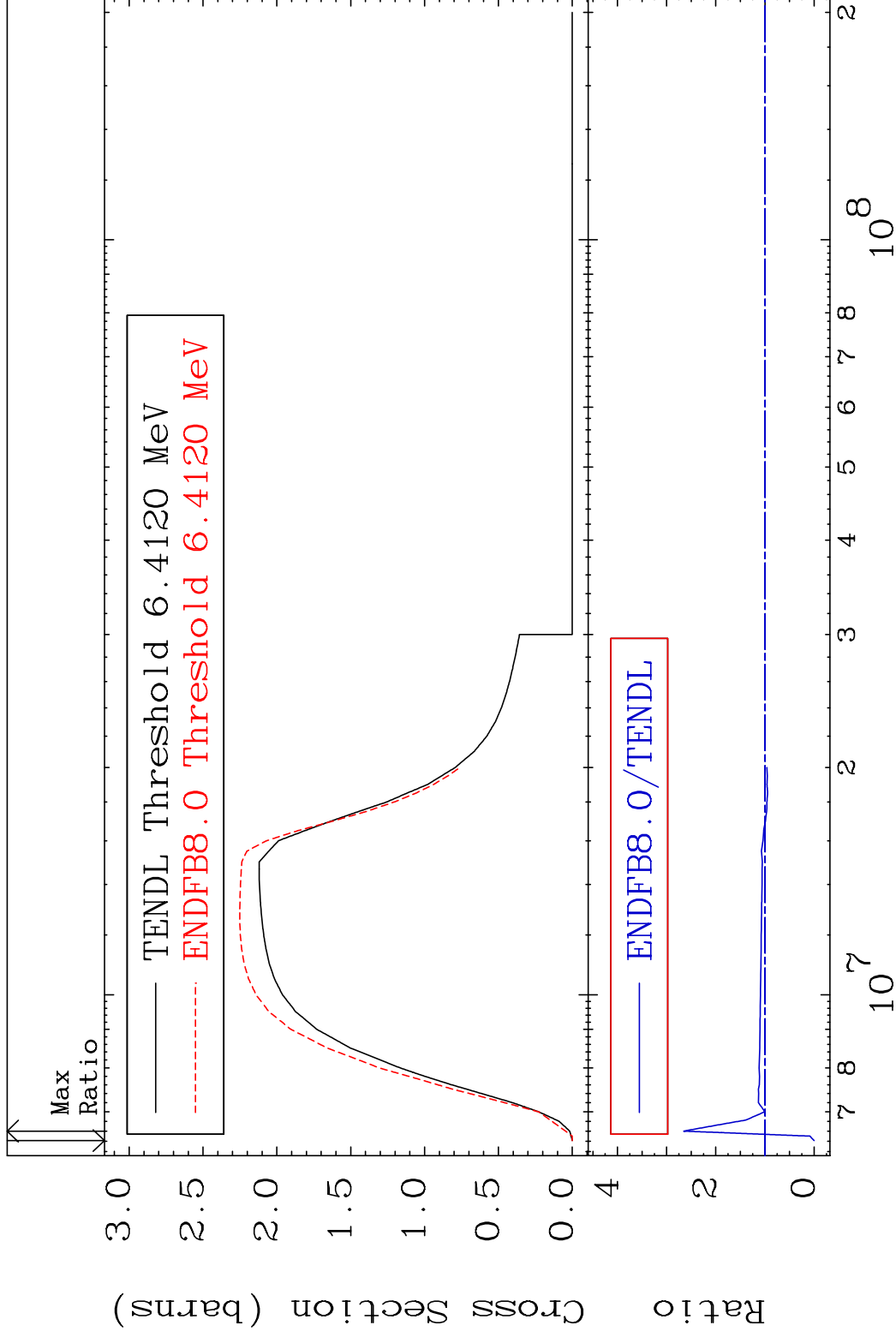


MAT 7234

(n,2n)

72-Hf-177

Cross Section -100.0 To 165.4 %



4

Incident Energy (eV)

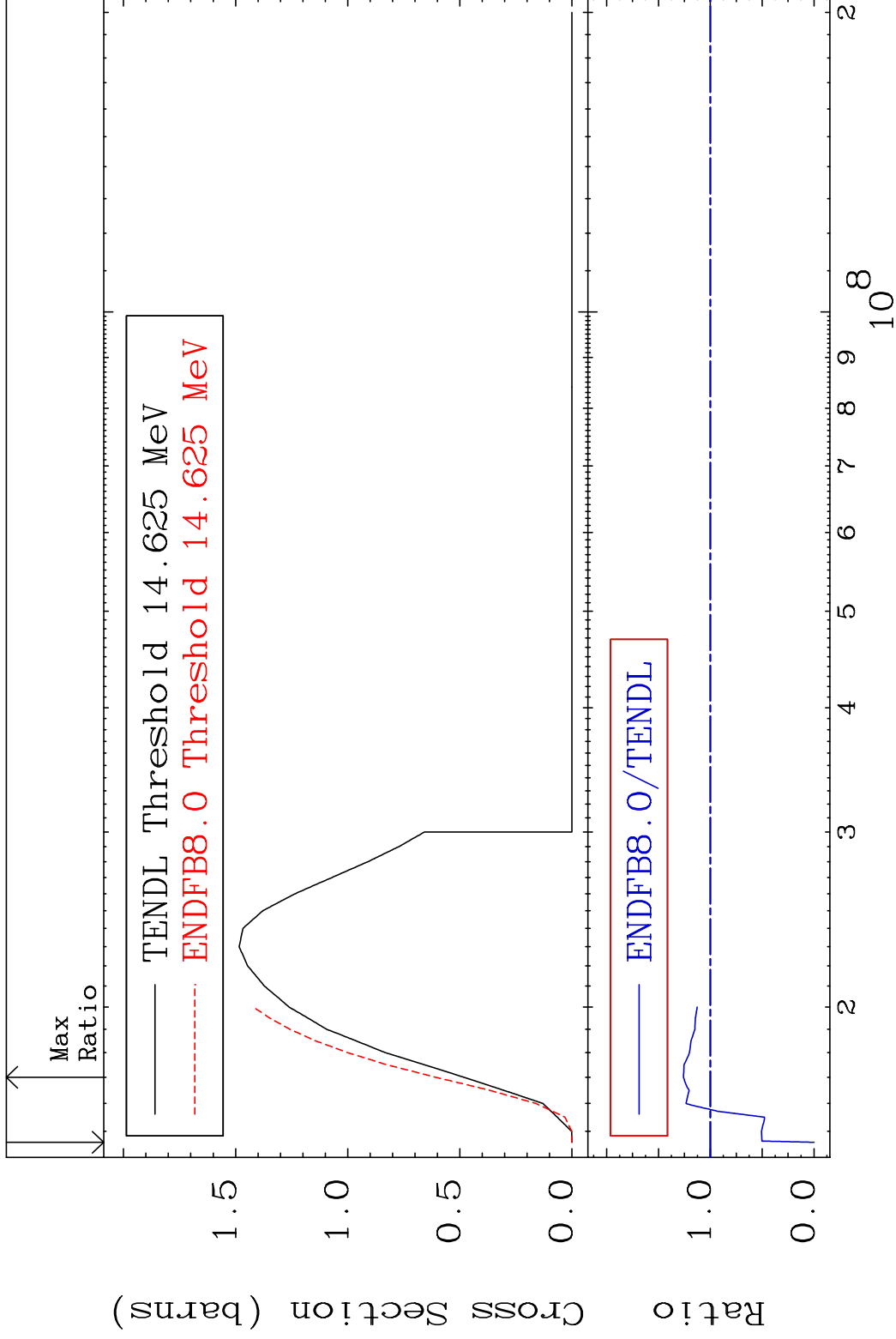
72-Hf-177

MAT 7234

(n,3n)

72-Hf-177

Cross Section -100.0 To 25.95 %



5

Incident Energy (eV)

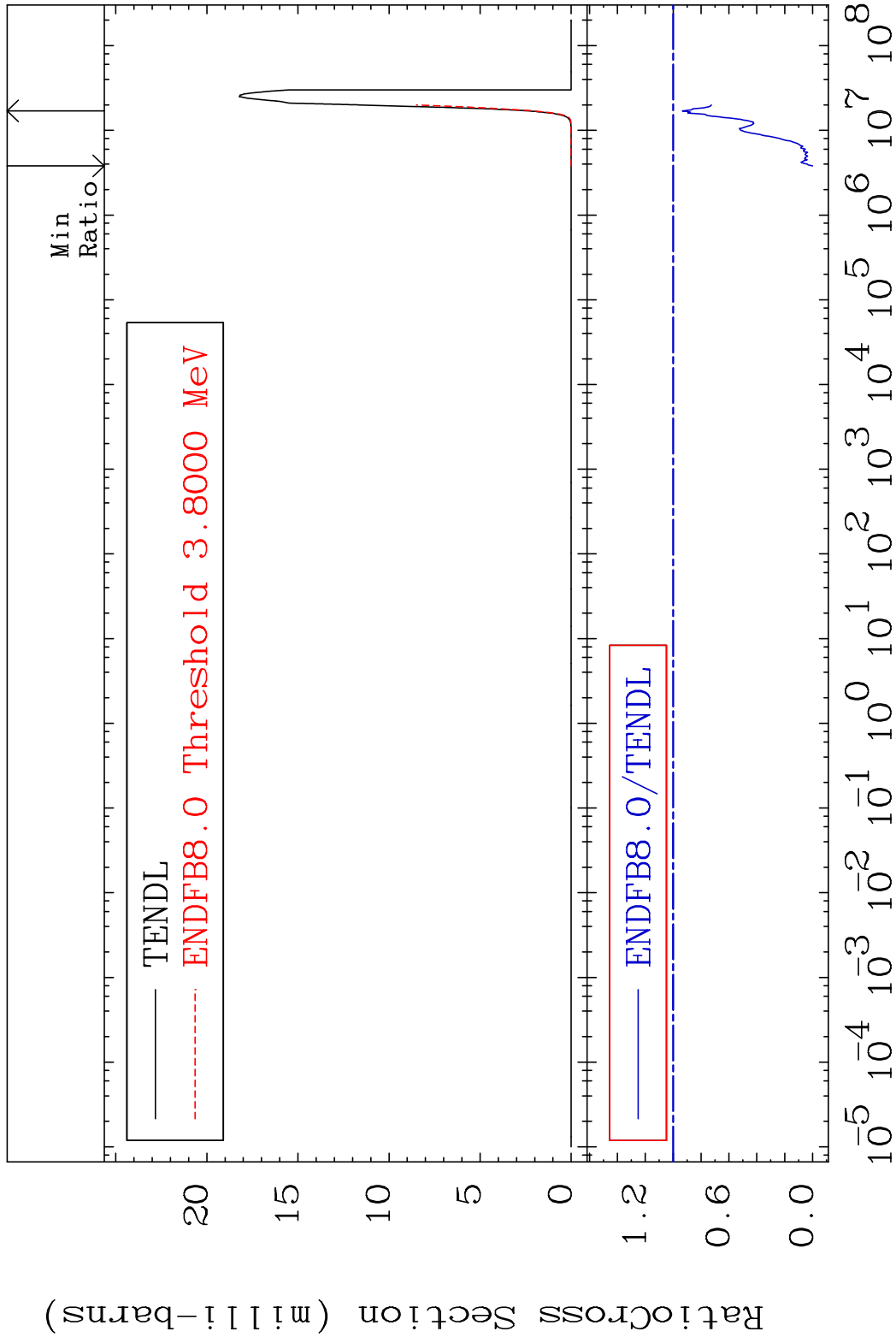
72-Hf-177

MAT 7234

(n, n') α

72-Hf-177

Cross Section -100.0 To -6.597%



6

Incident Energy (eV)

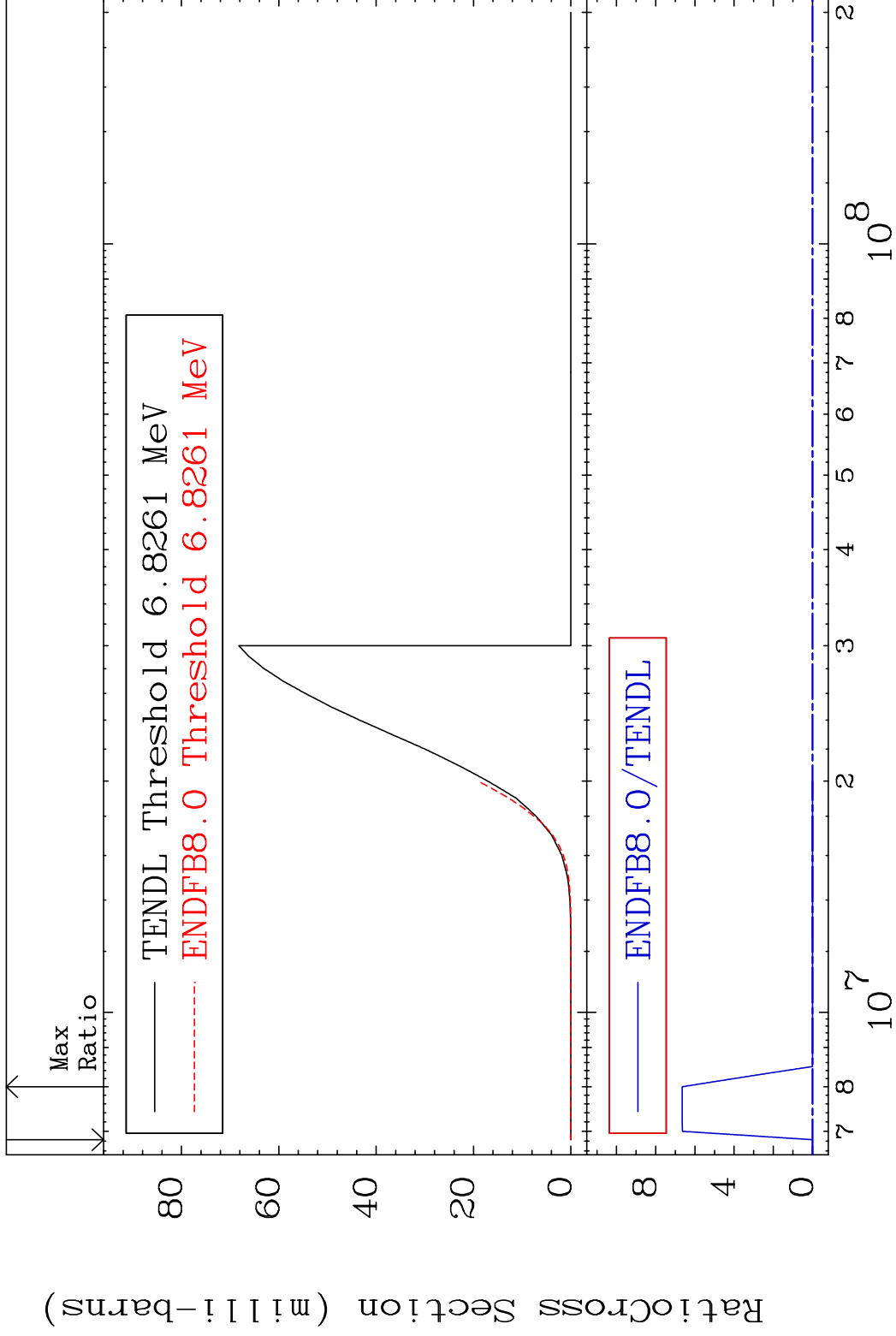
72-Hf-177

MAT 7234

(n, n') p

72-Hf-177

Cross Section -100.0 To 9999. %

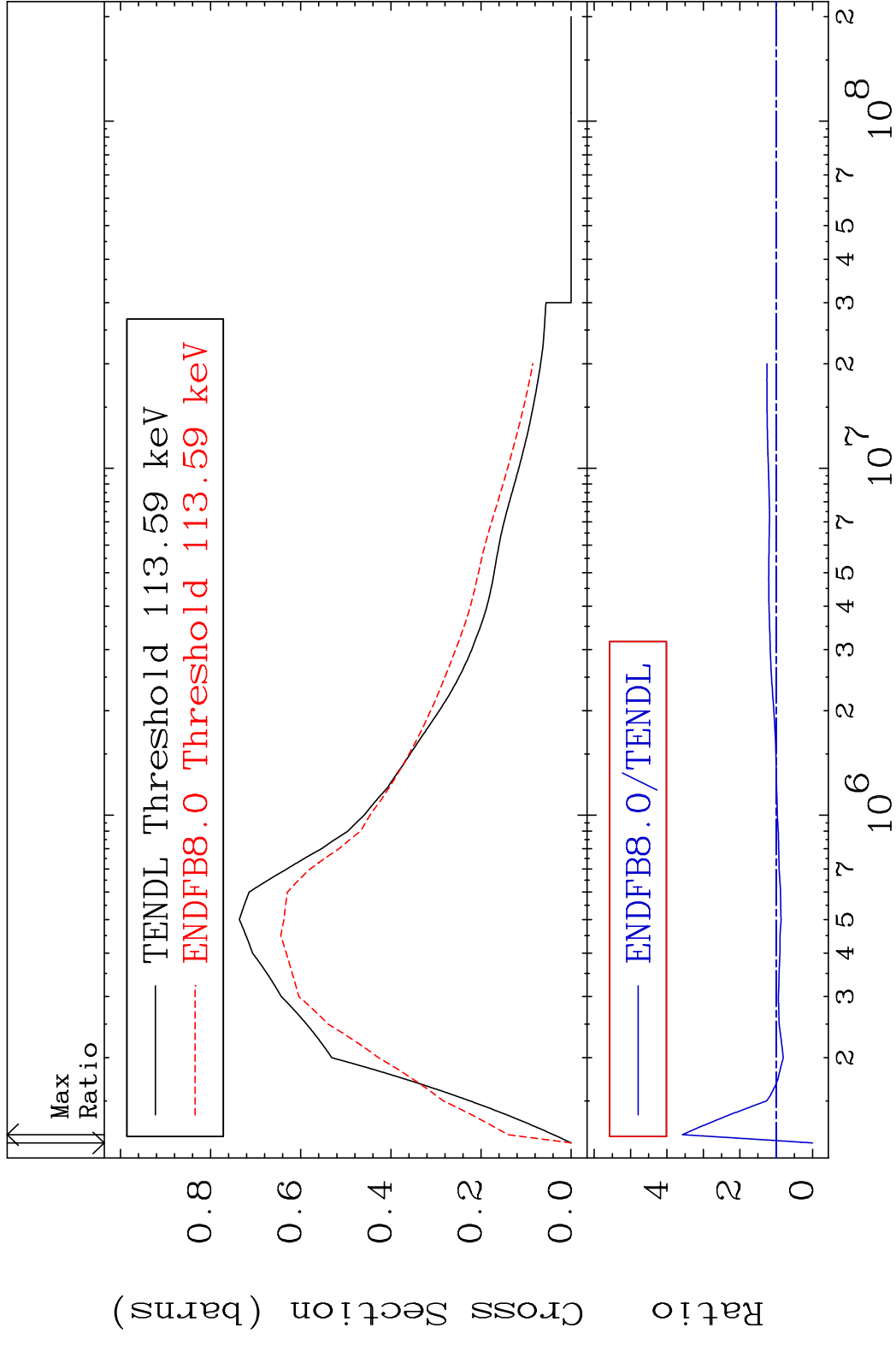


7

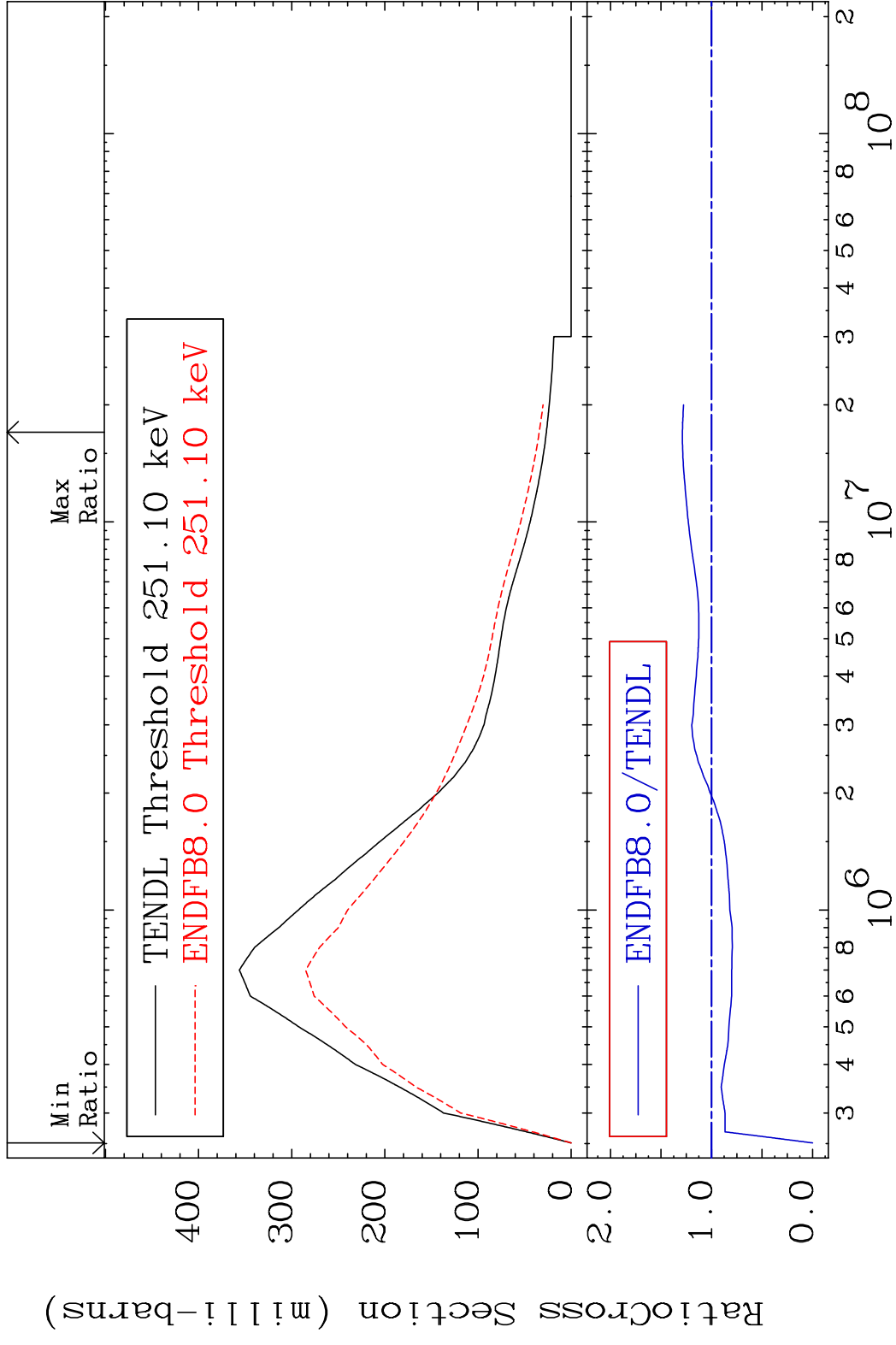
Incident Energy (eV)

72-Hf-177

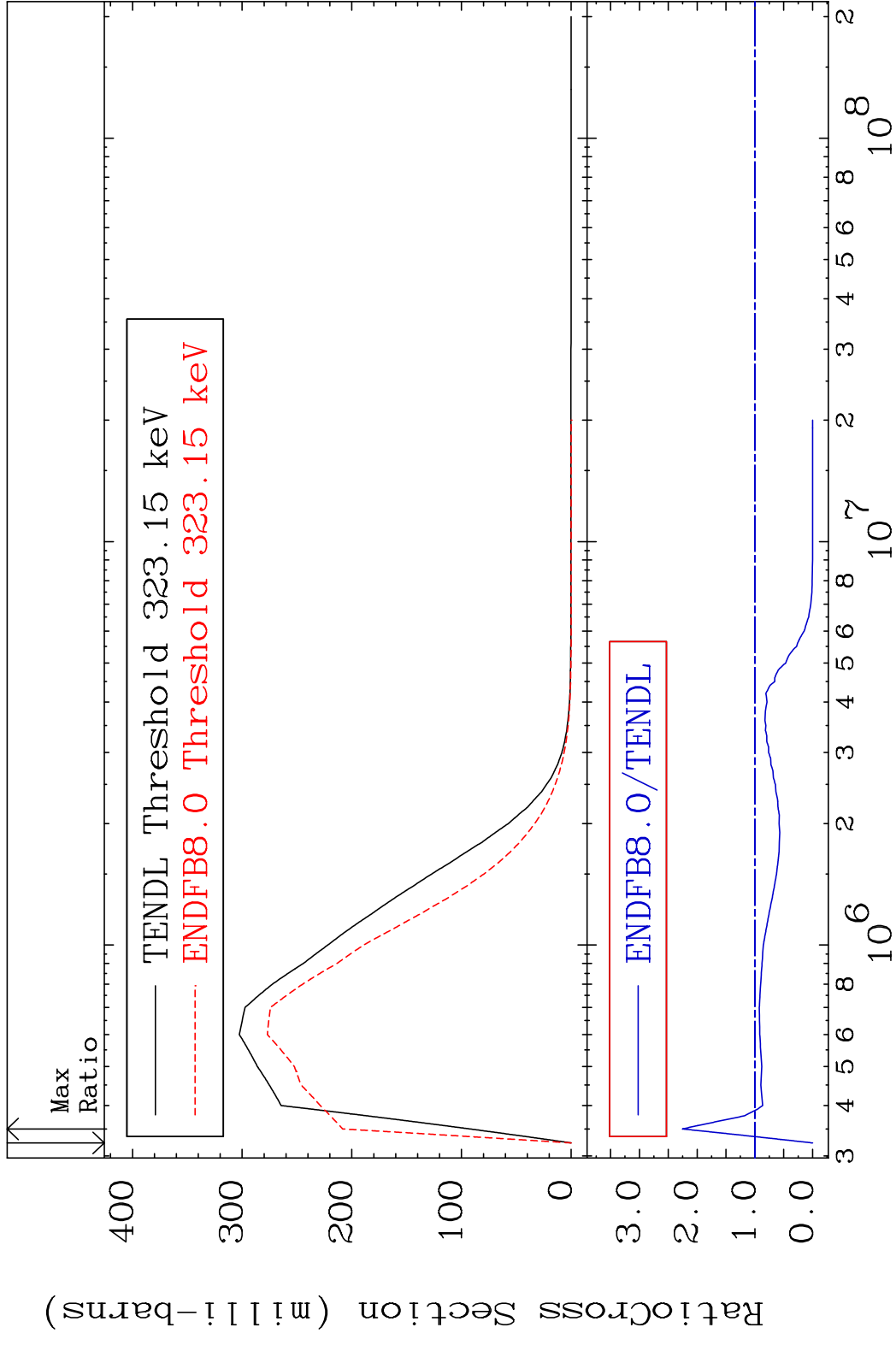
MAT 7234 MT= 51 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 257.7 %



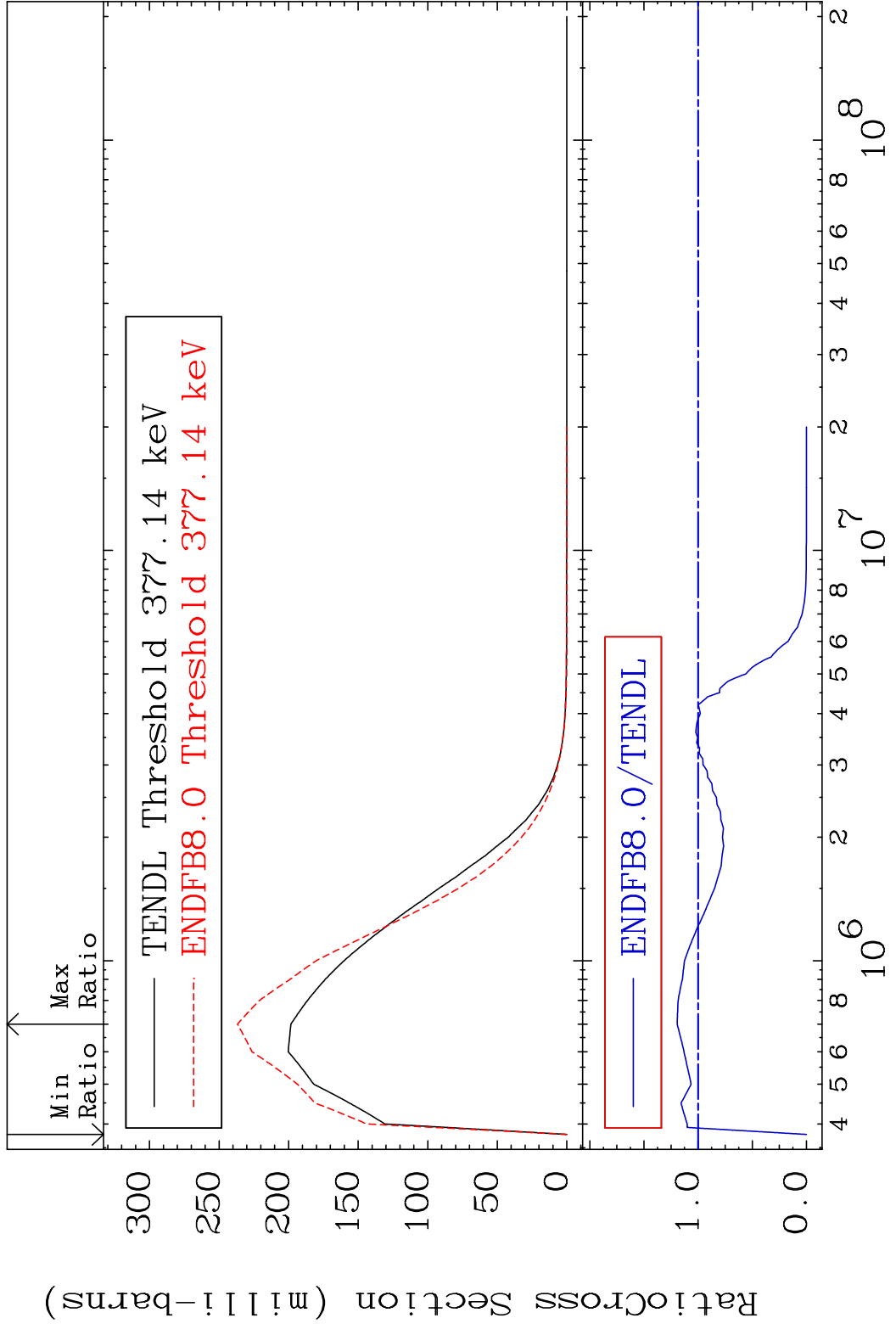
MAT 7234 MT= 52 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 28.89 %



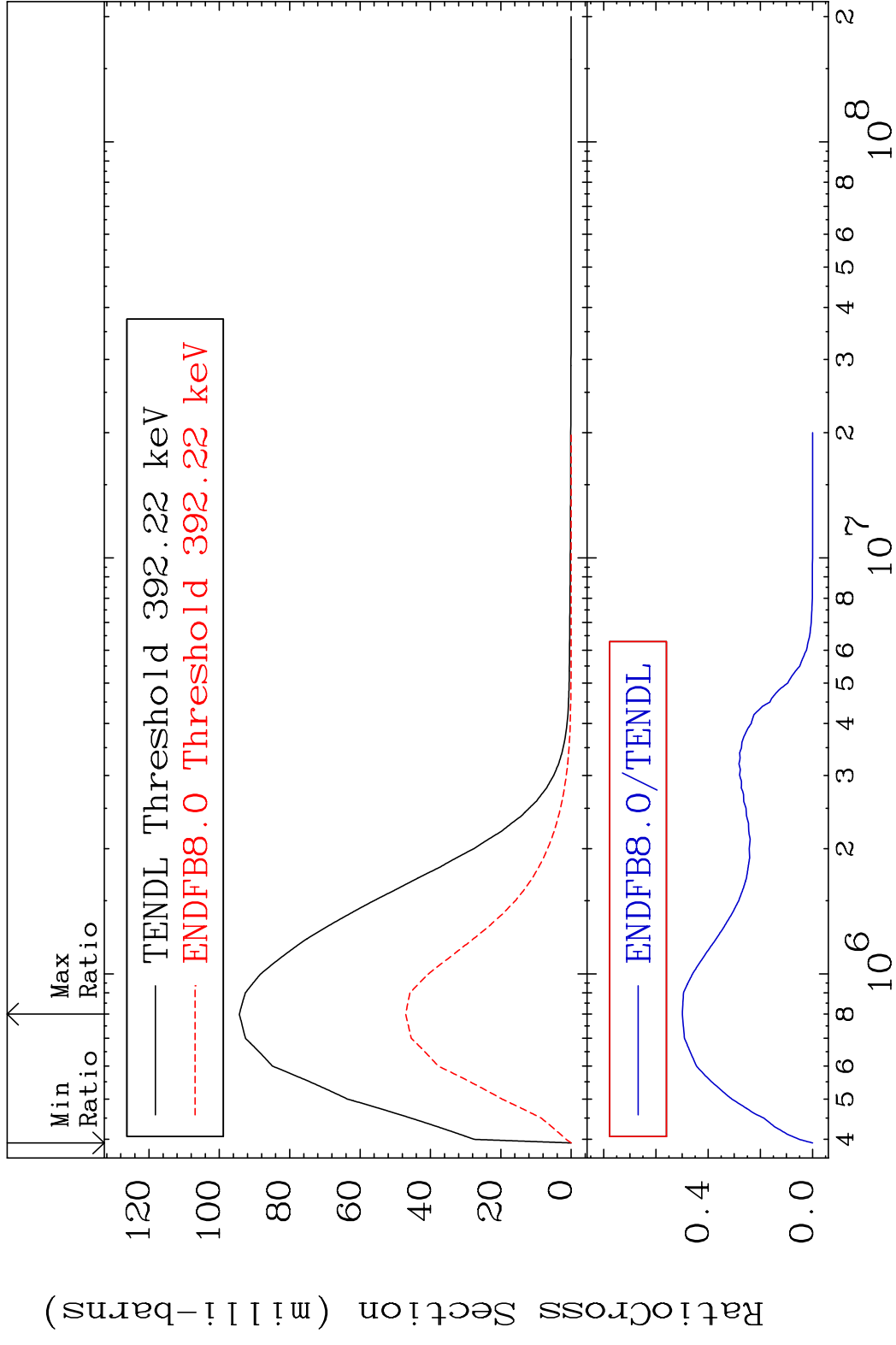
MAT 7234 MT= 53 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 125.6 %



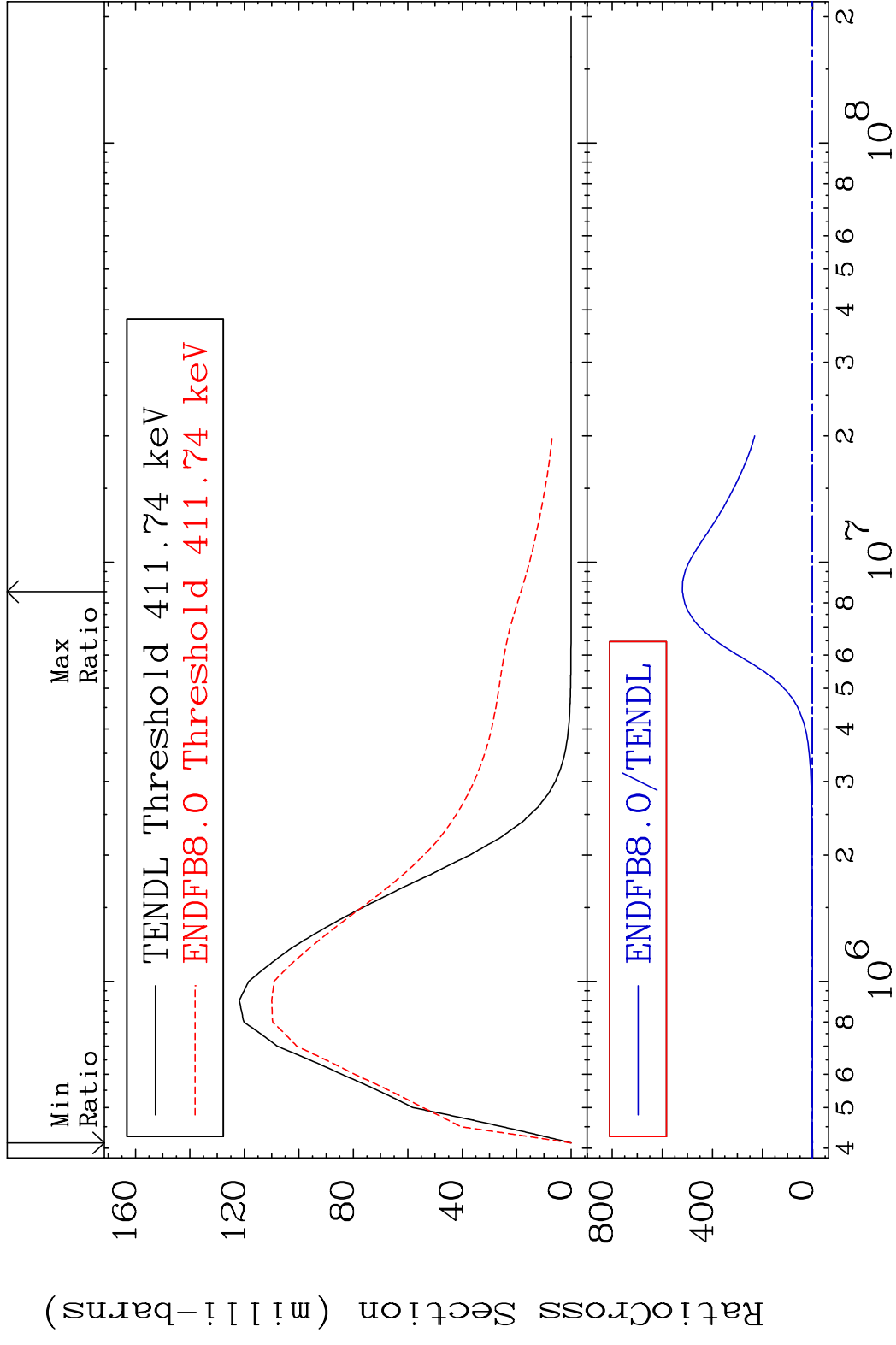
MAT 7234 MT= 54 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 19.31 %



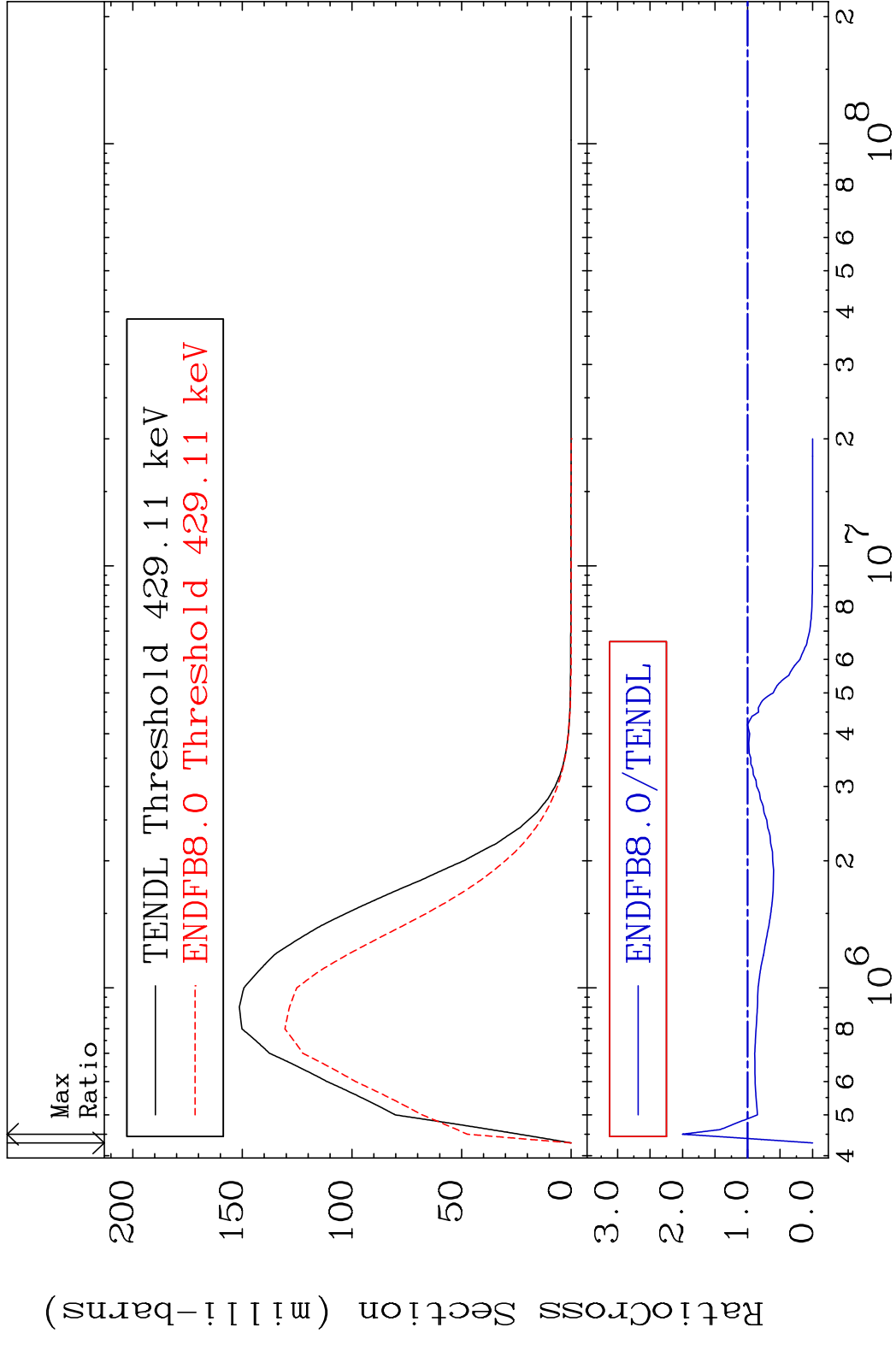
MAT 7234 MT= 55 (n,n') Level 72-Hf-177
 Cross Section -100.0 To -50.11%



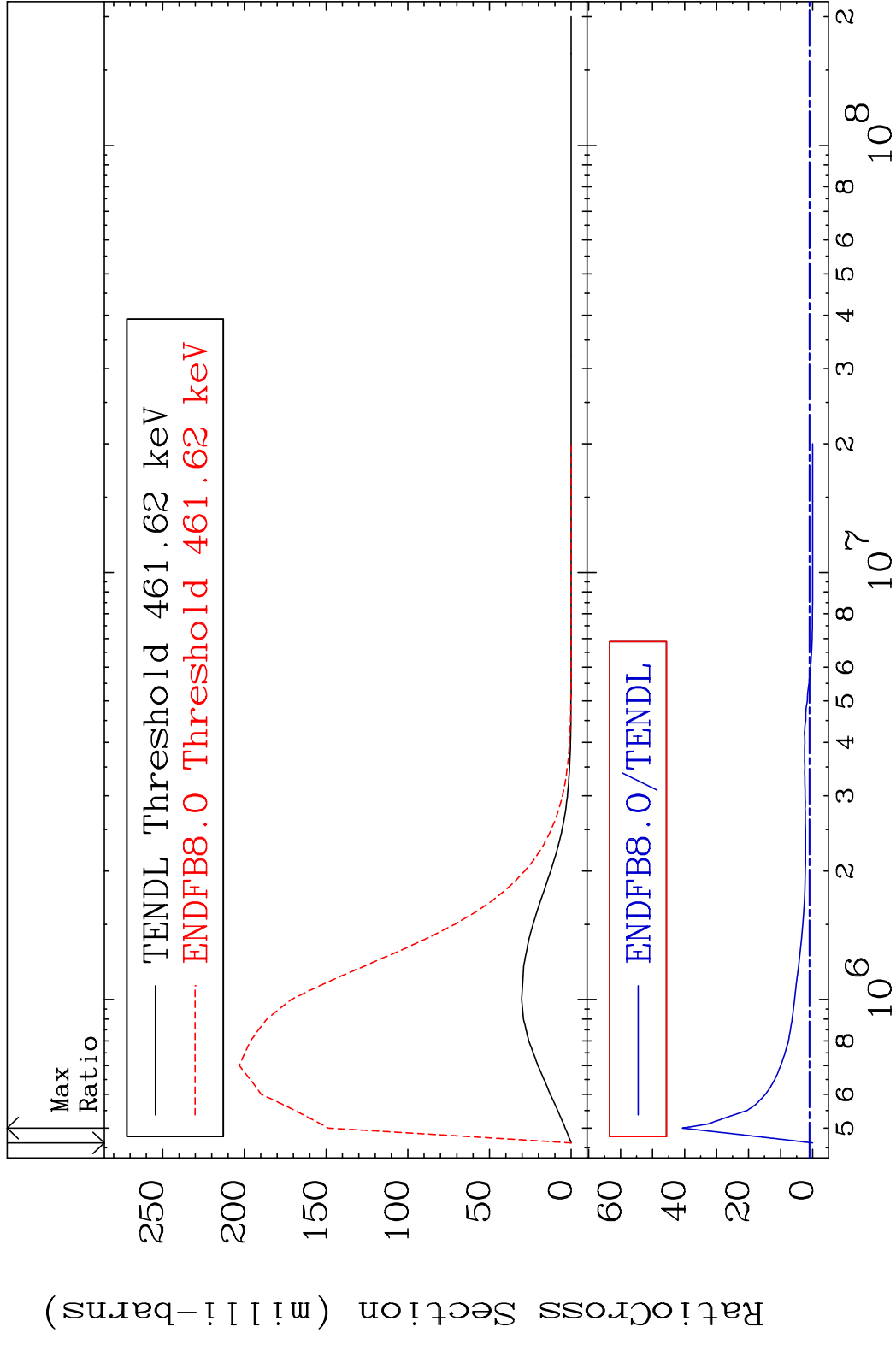
MAT 7234 MT= 56 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 9999. %



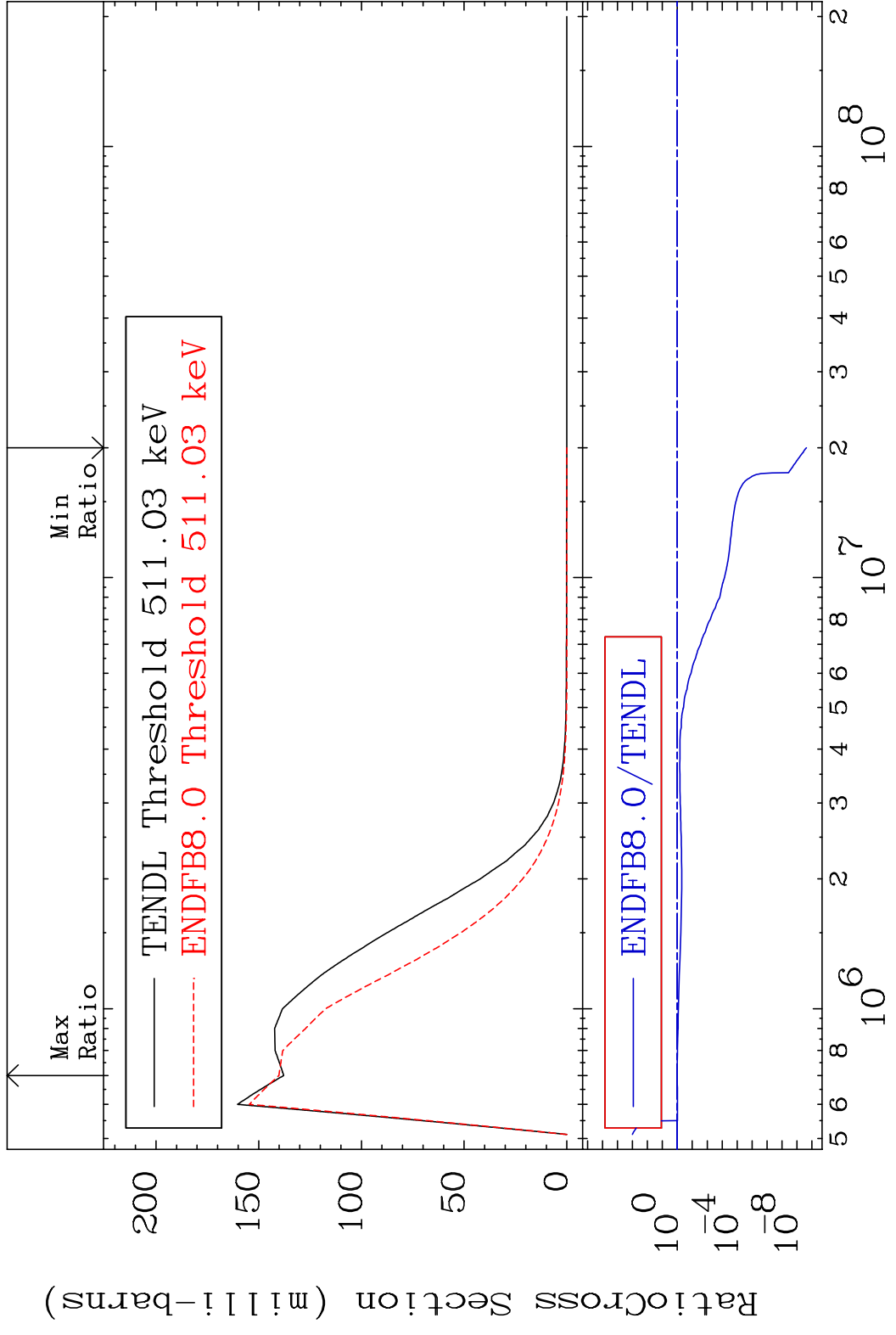
MAT 7234 MT= 57 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 100.3 %



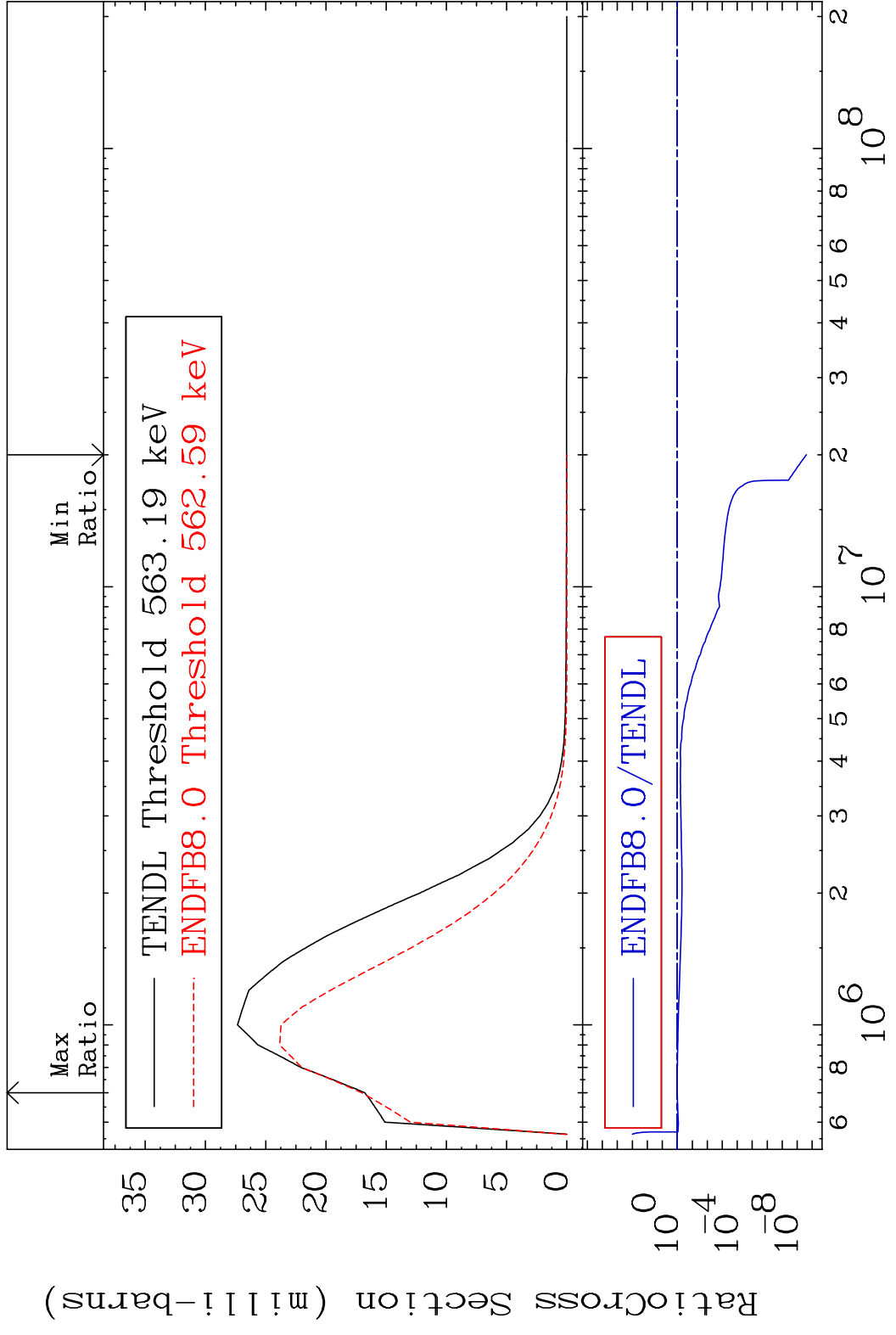
MAT 7234 MT= 58 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 3970. %



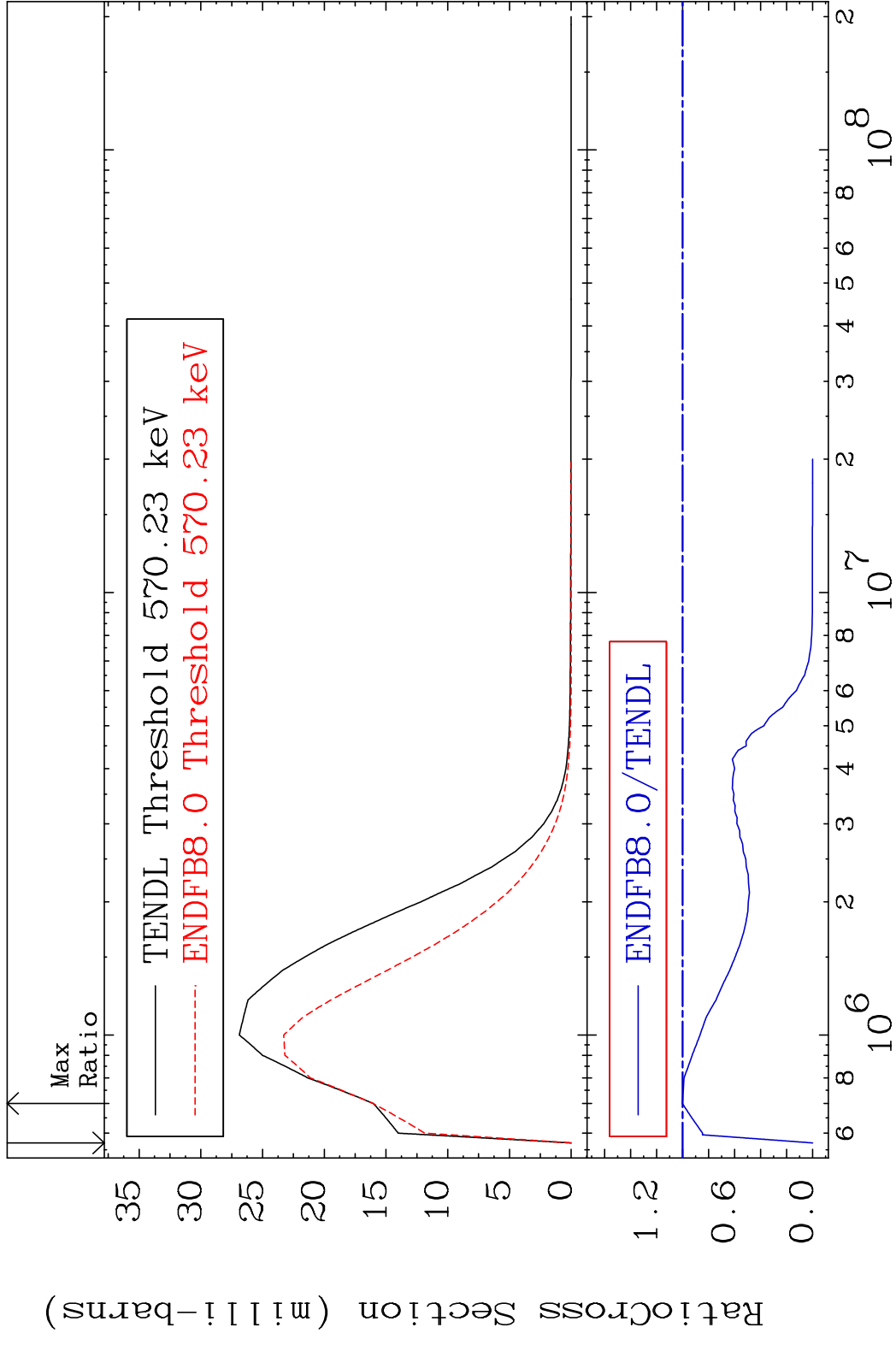
MAT 7234 MT= 59 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 1.713 %



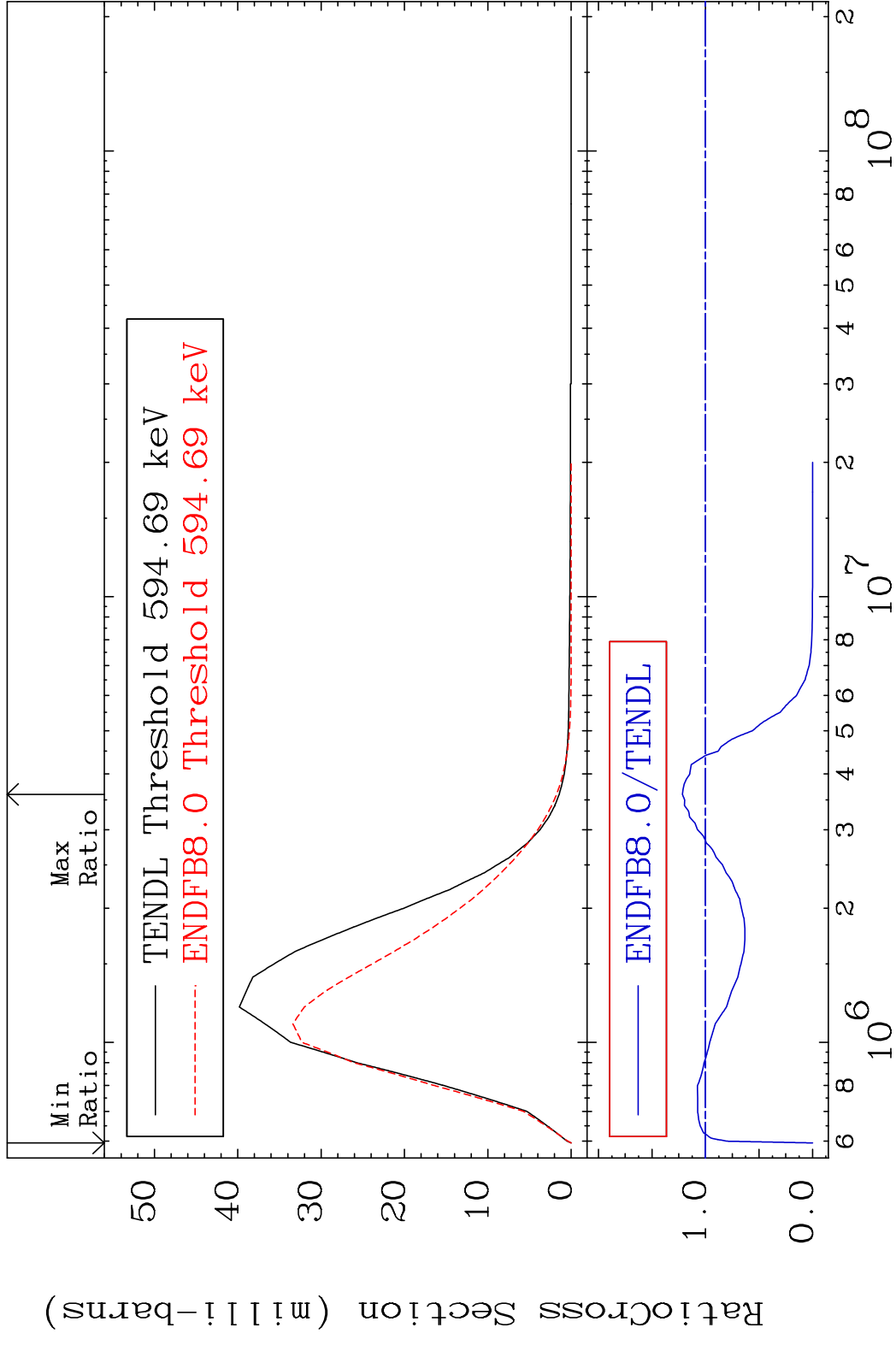
MAT 7234 MT= 61 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 1.505 %



MAT 7234 MT= 62 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 0.224 %

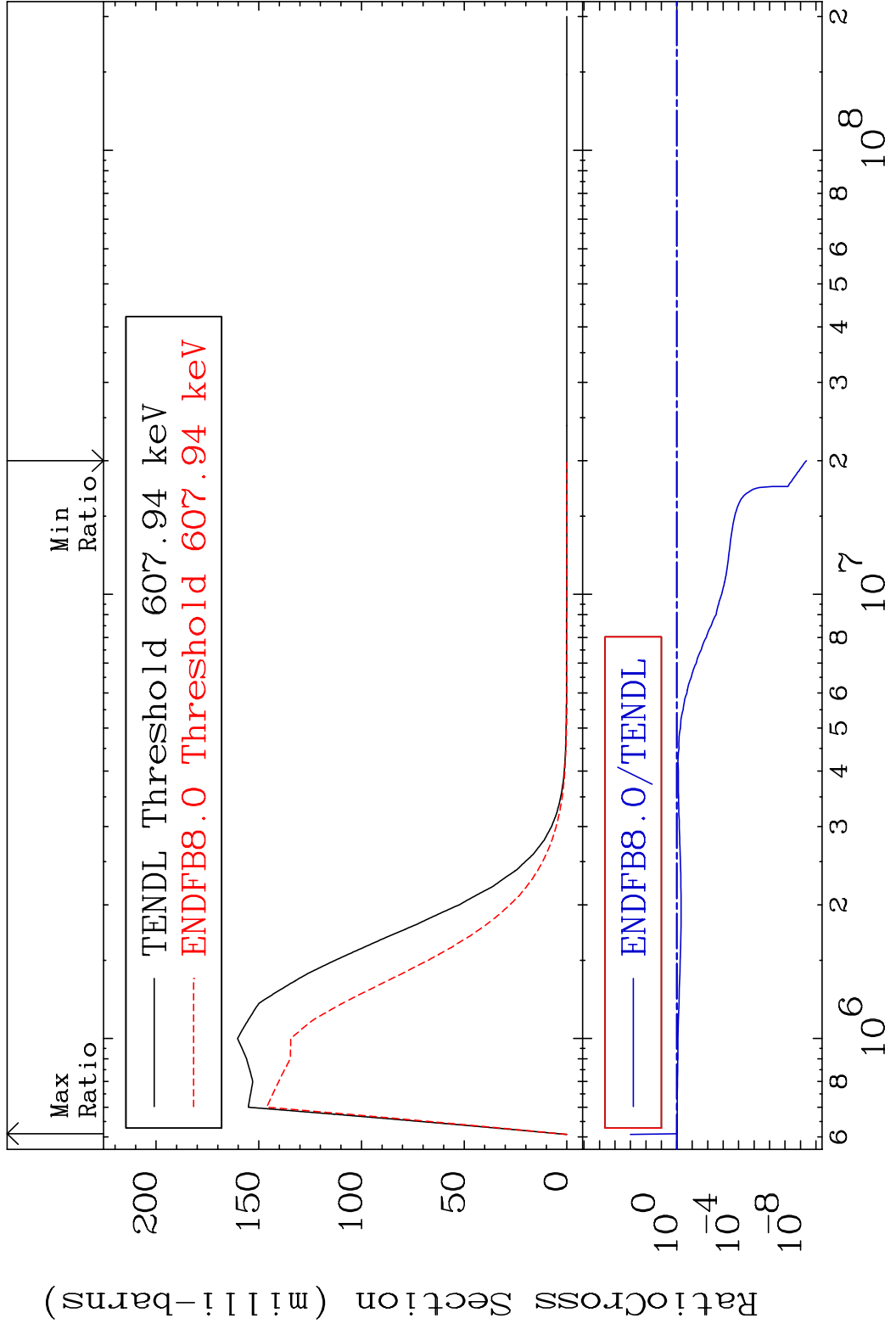


MAT 7234 MT= 63 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 21.62 %

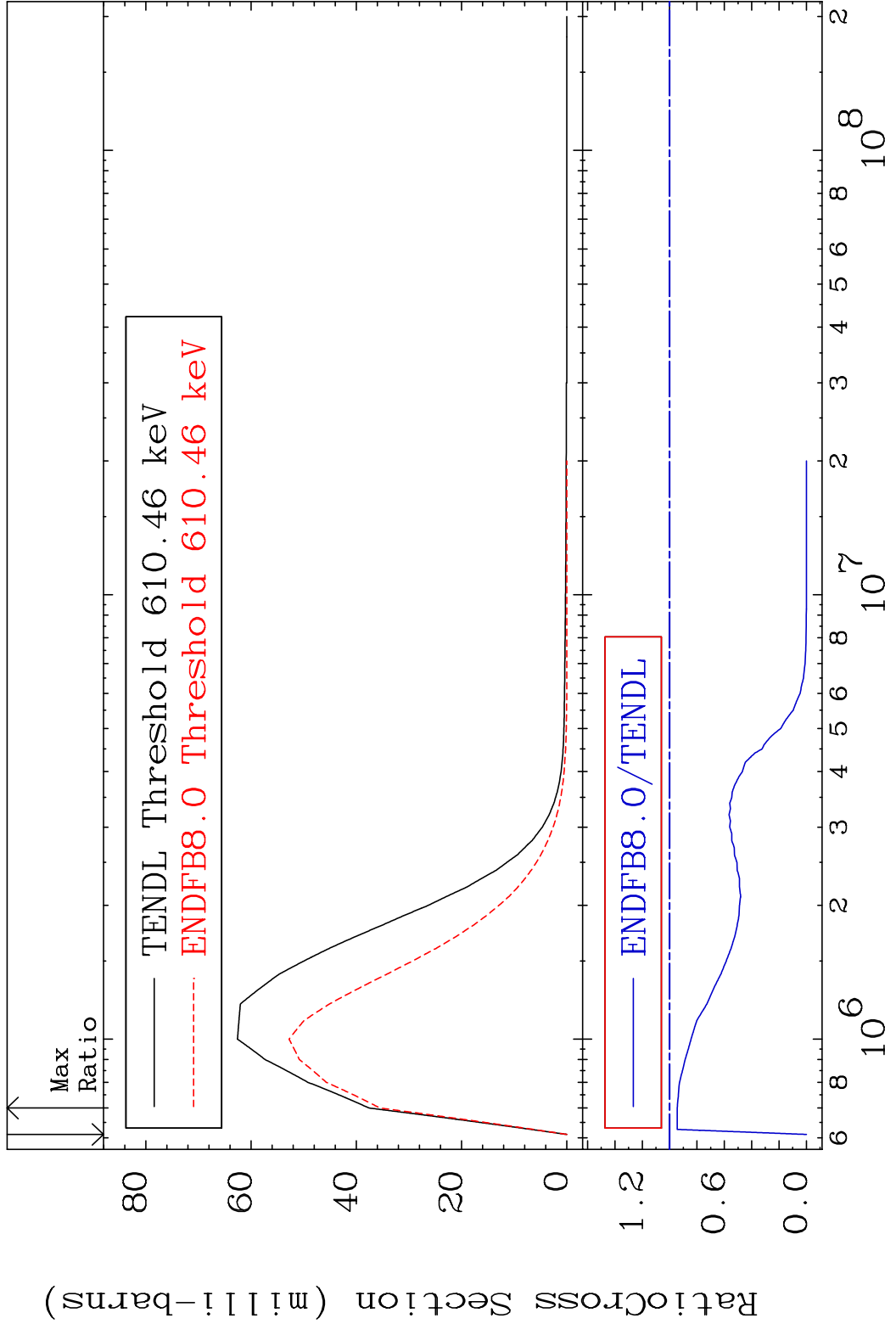


20 Incident Energy (eV) 72-Hf-177

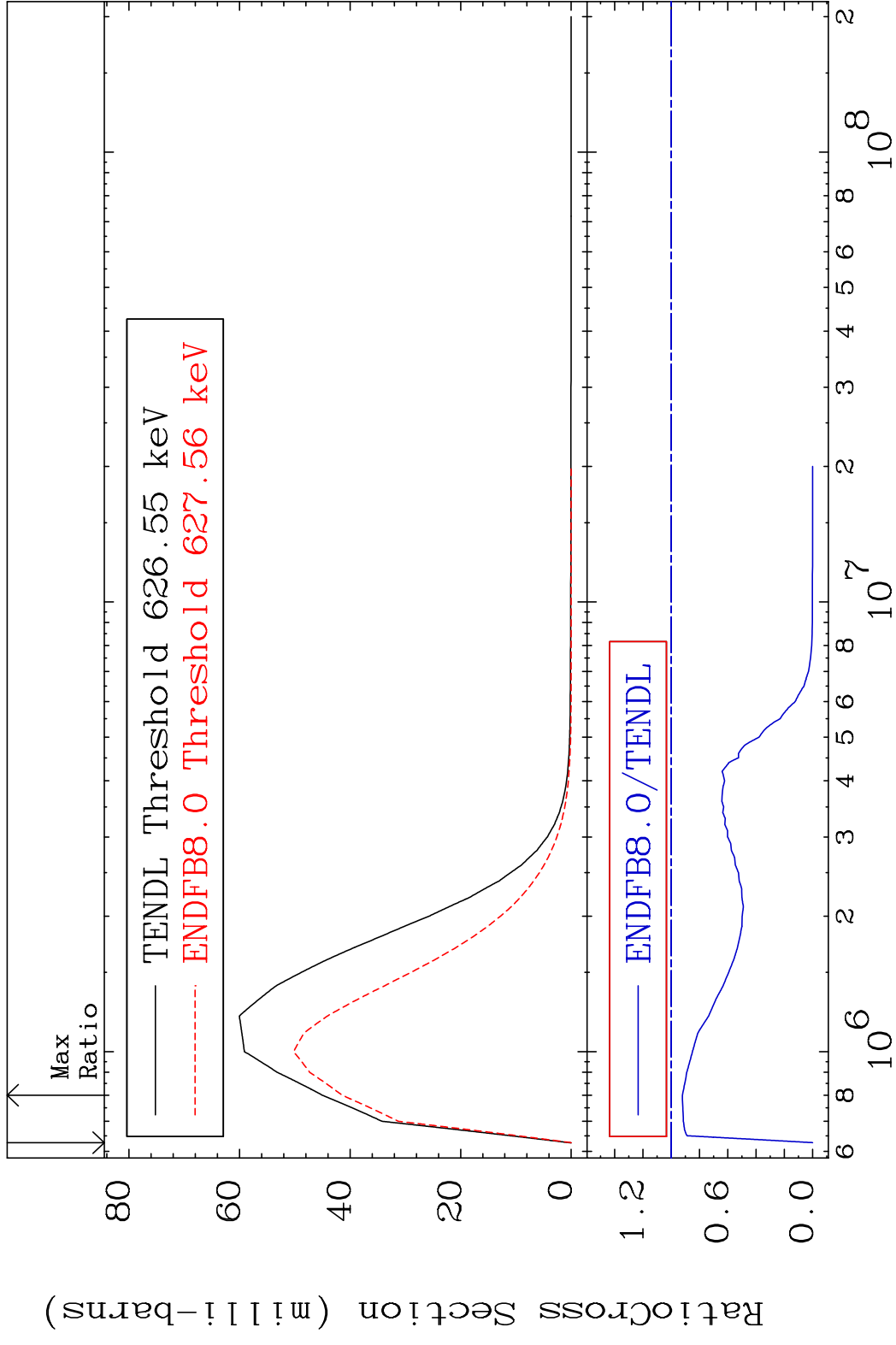
MAT 7234 MT= 64 (n, n') Level 72-Hf-177
 Cross Section -100.0 To -5.432%



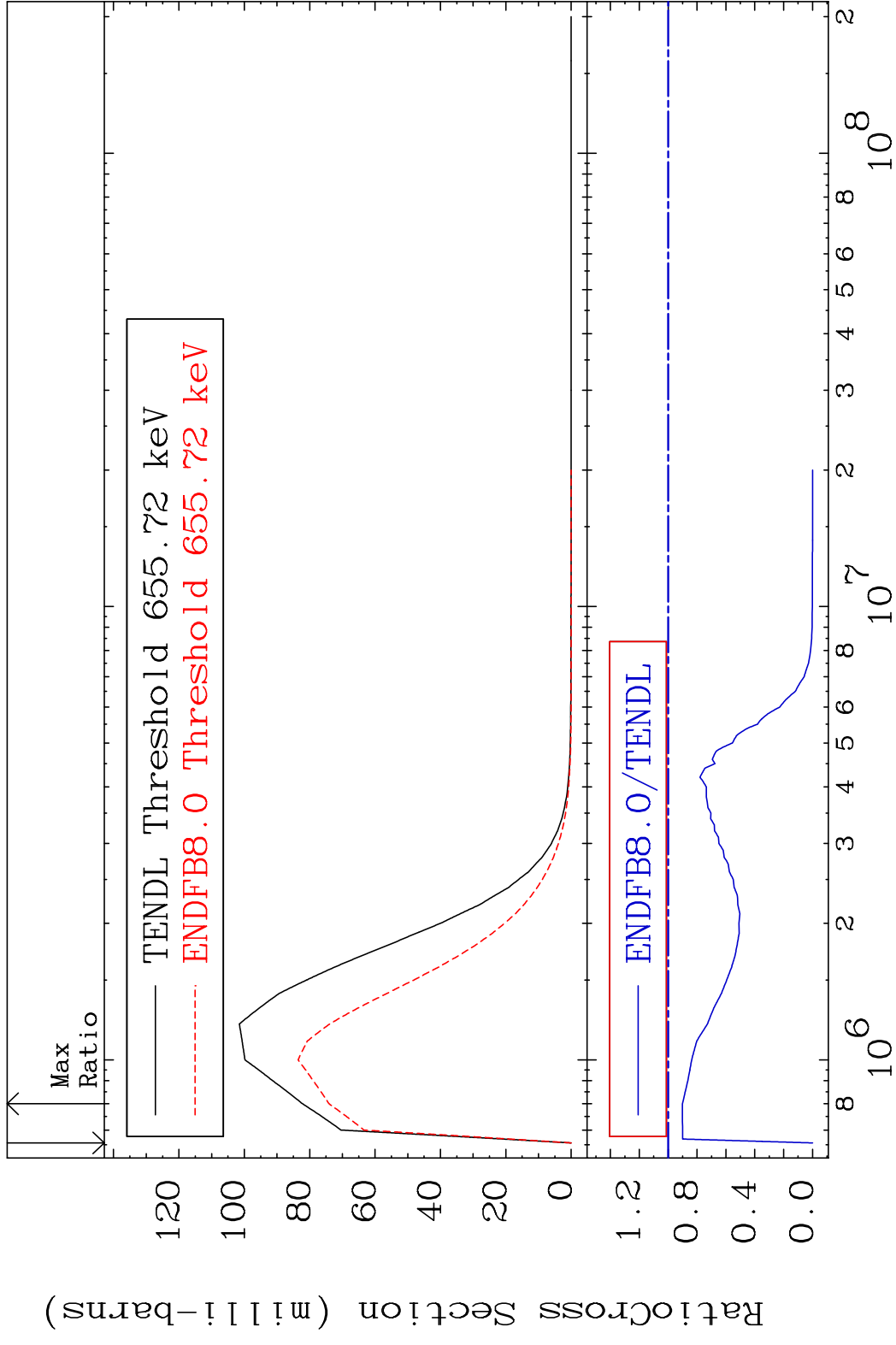
MAT 7234 MT= 65 (n,n') Level 72-Hf-177
 Cross Section -100.0 To -5.519%



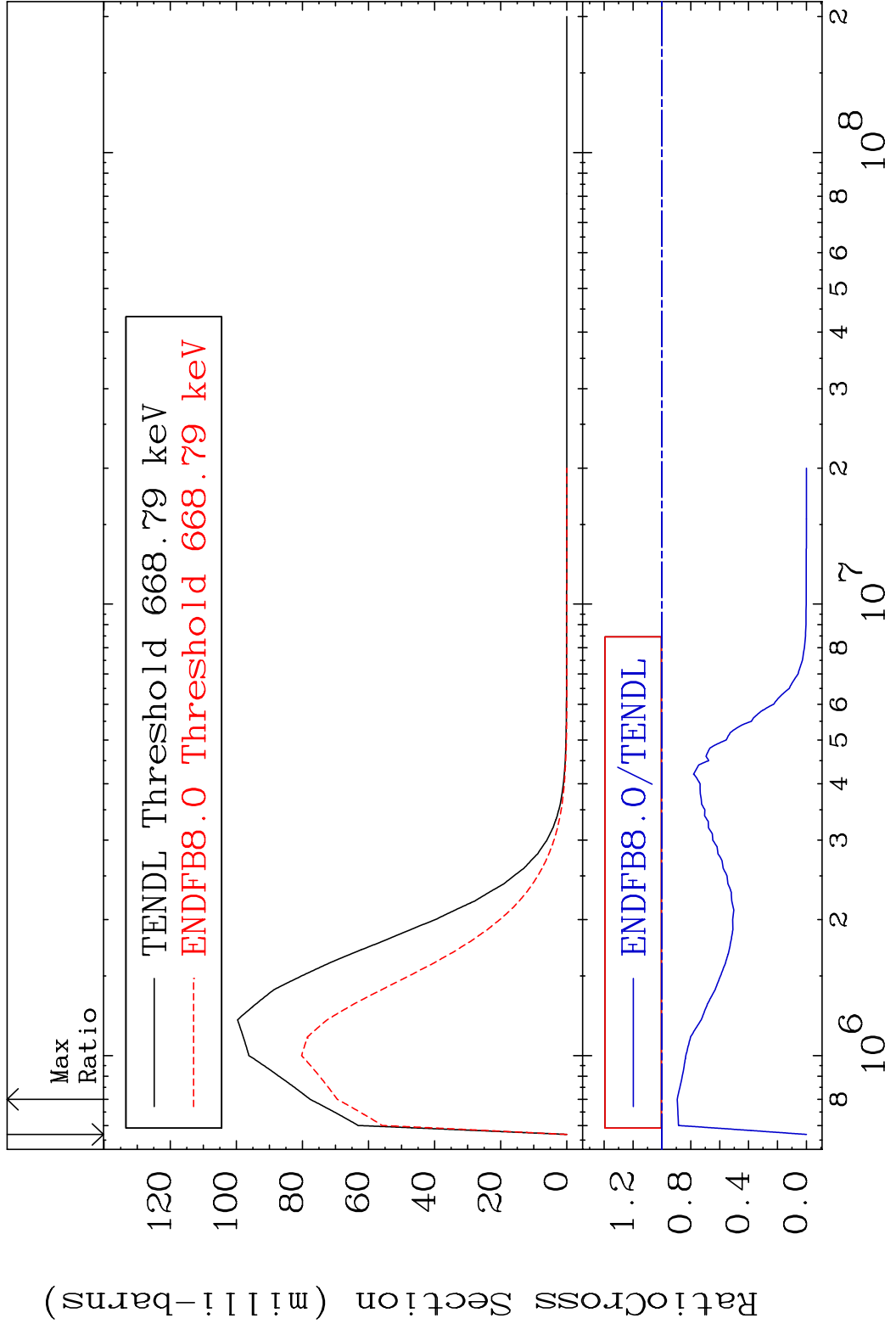
MAT 7234 MT= 66 (n,n') Level 72-Hf-177
 Cross Section -100.0 To -7.919%



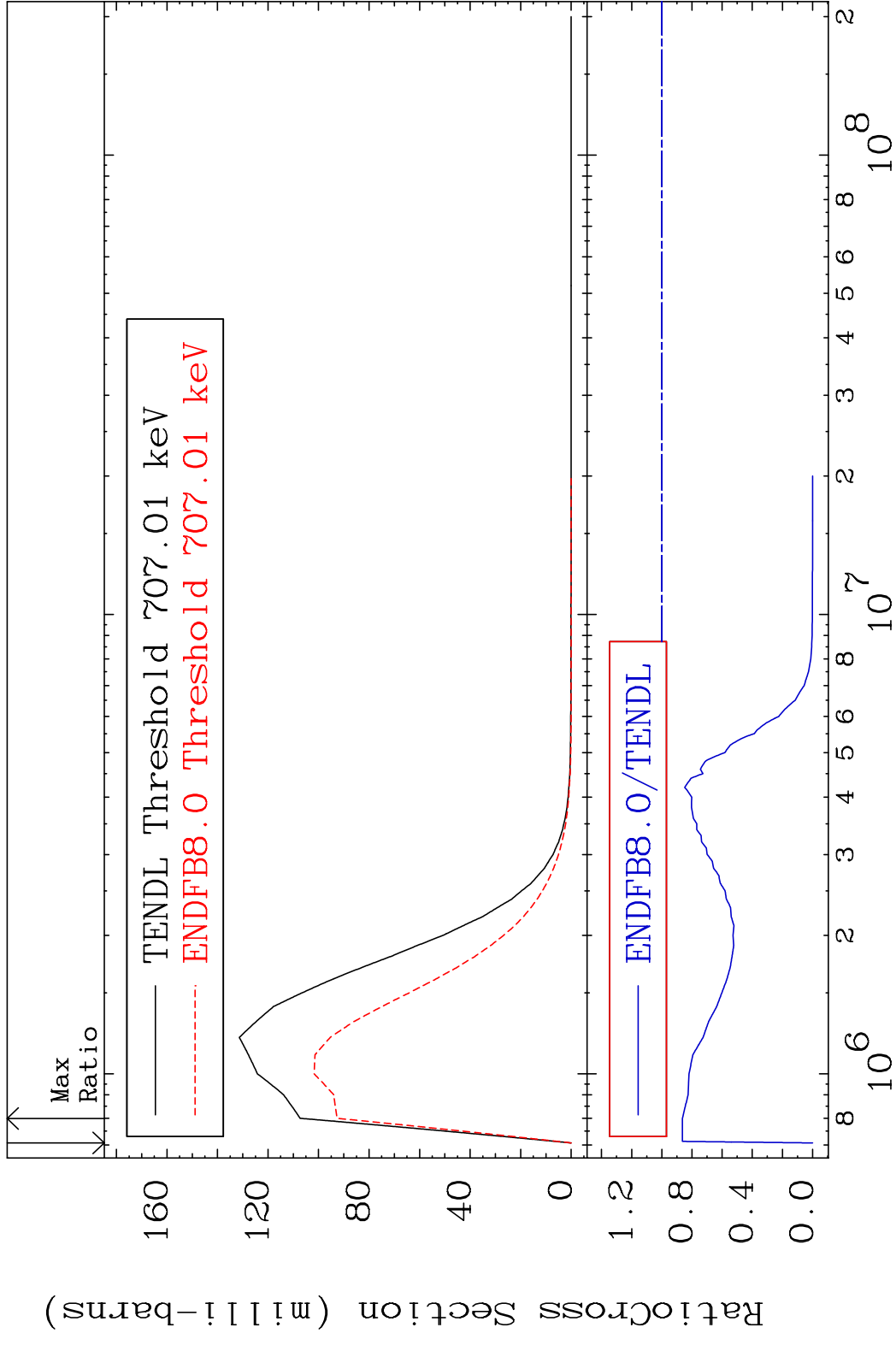
MAT 7234 MT= 67 (n,n') Level 72-Hf-177
 Cross Section -100.0 To -9.840%



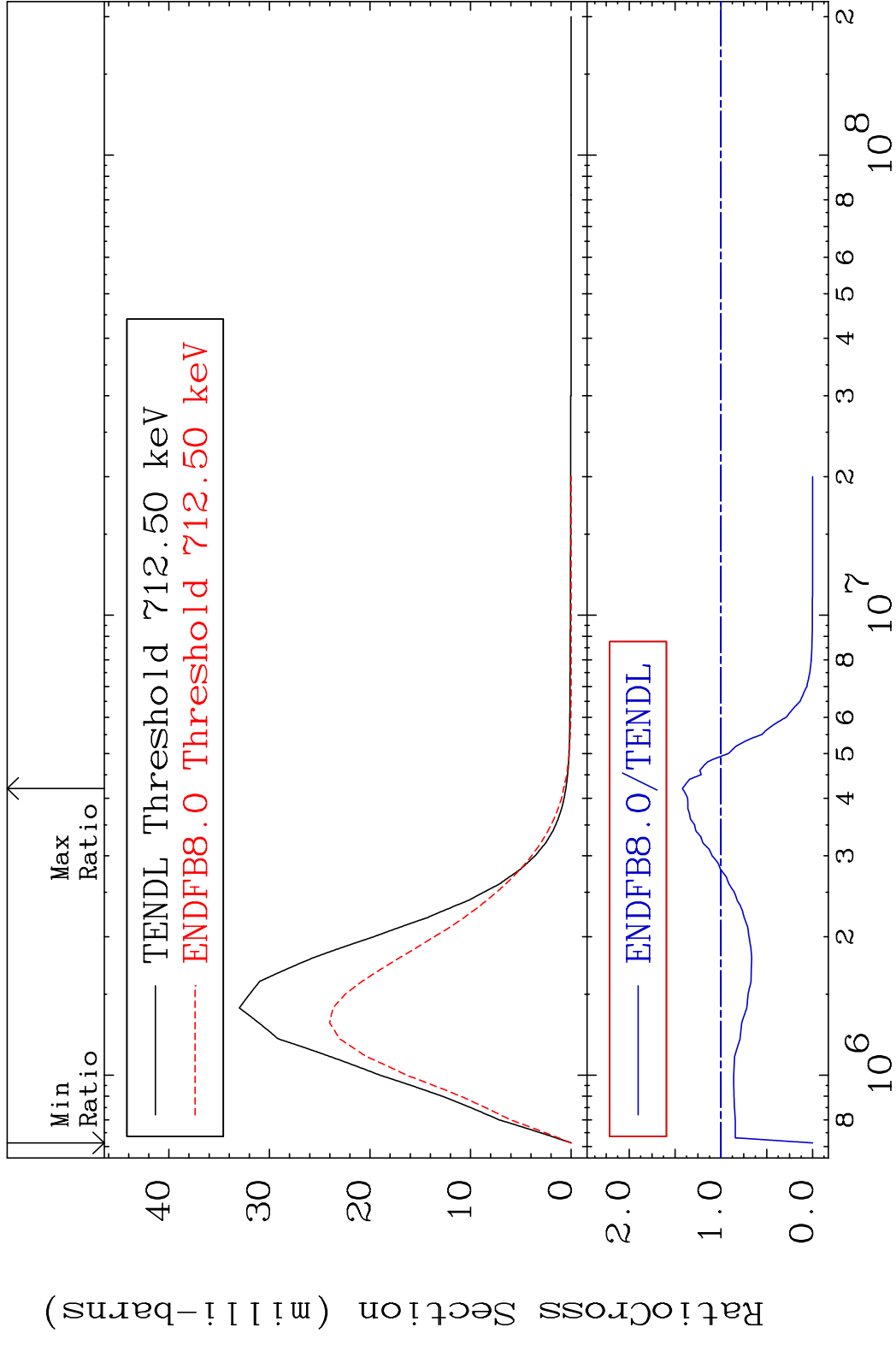
MAT 7234 MT= 68 (n,n') Level 72-Hf-177
 Cross Section -100.0 To -10.57%



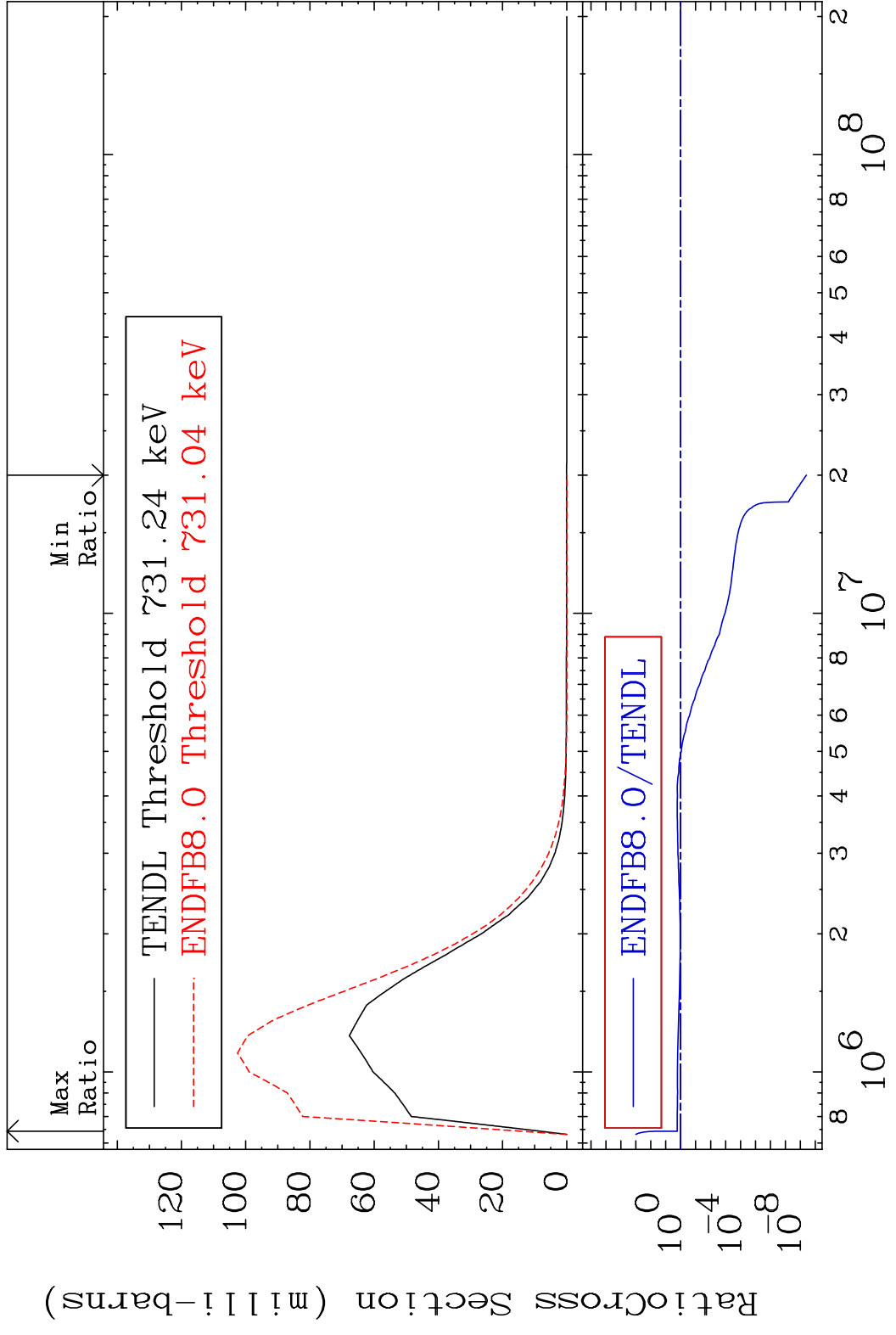
MAT 7234 MT= 69 (n,n') Level 72-Hf-177
 Cross Section -100.0 To -13.62%



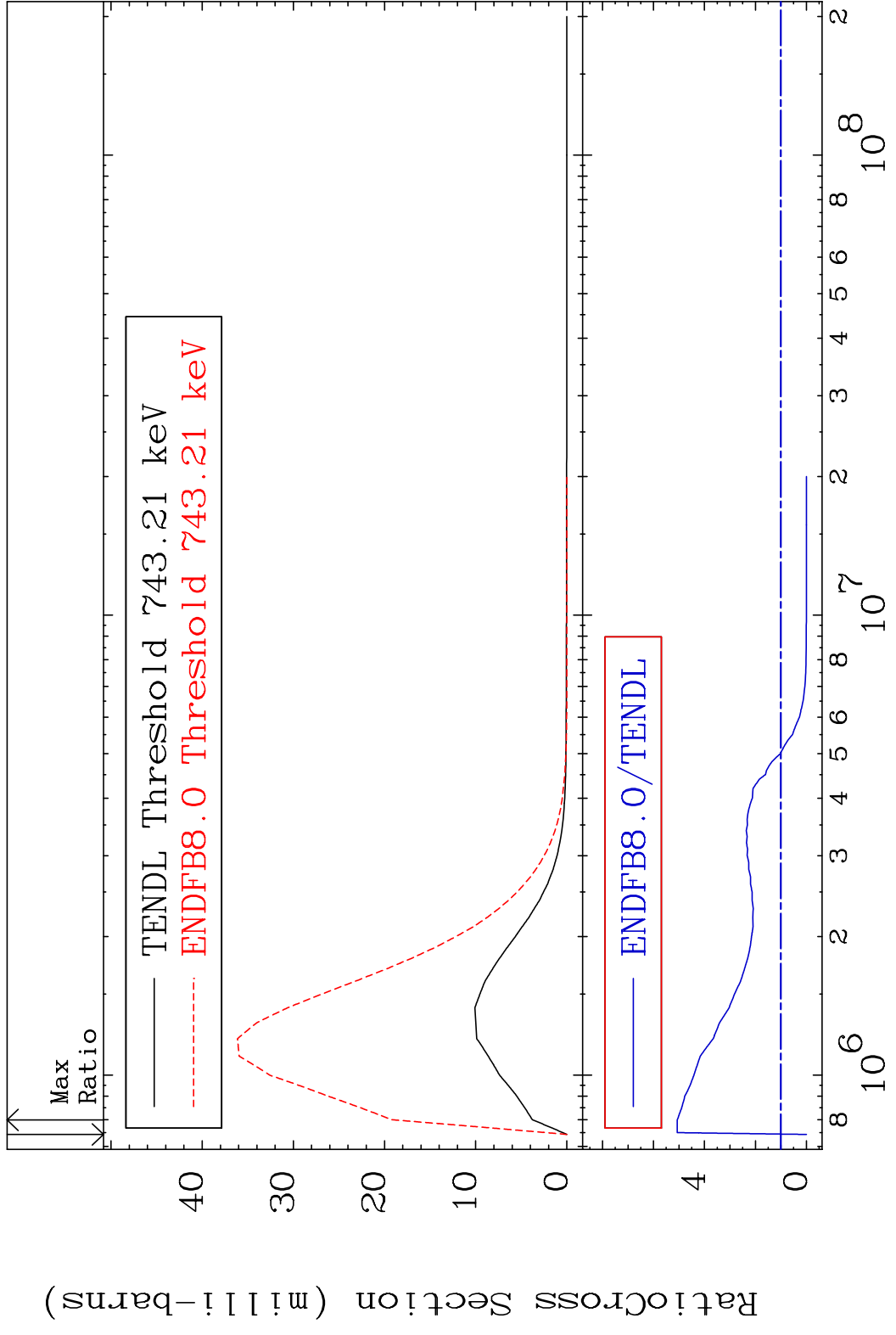
MAT 7234 MT= 70 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 42.01 %



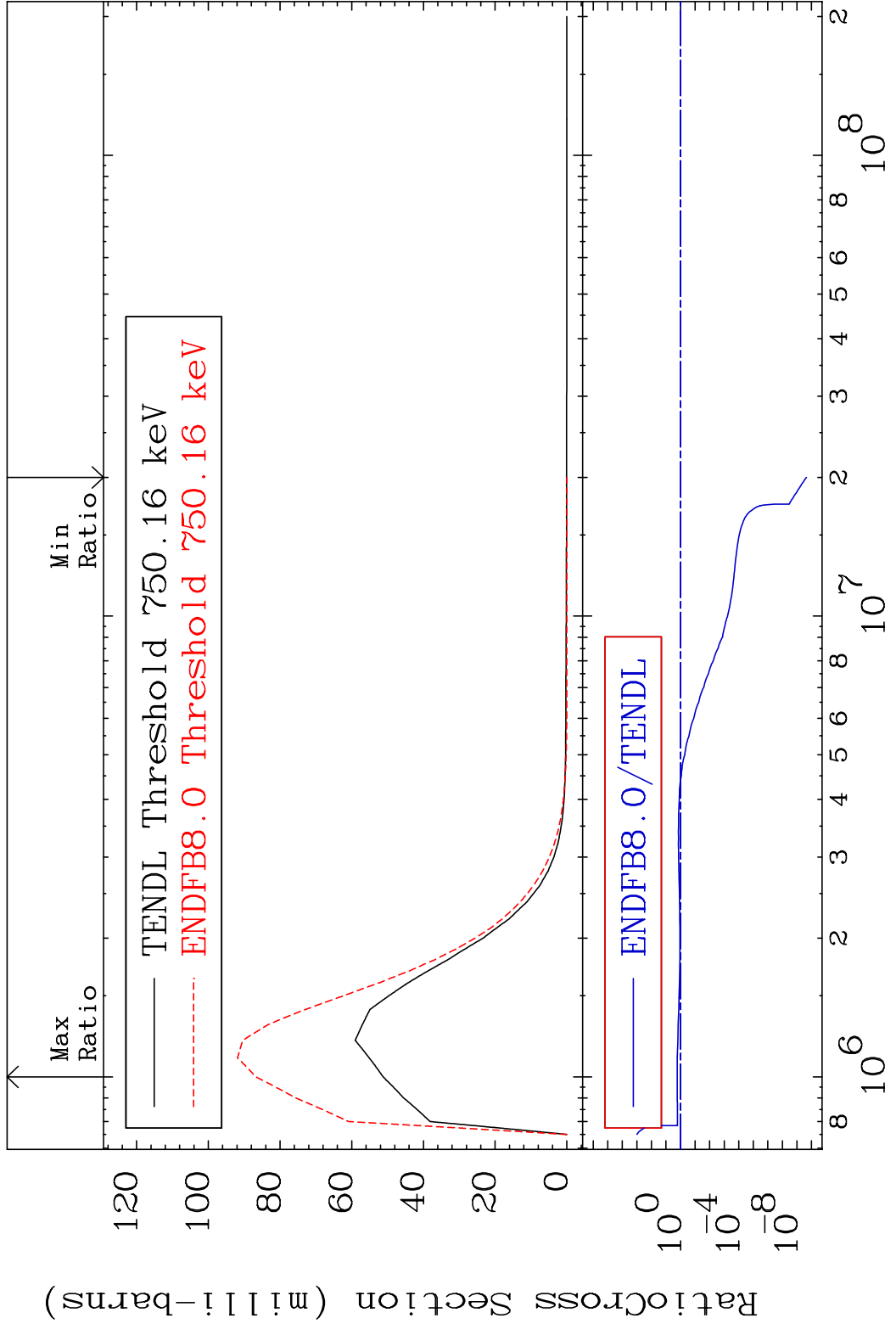
MAT 7234 MT= 71 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 72.18 %



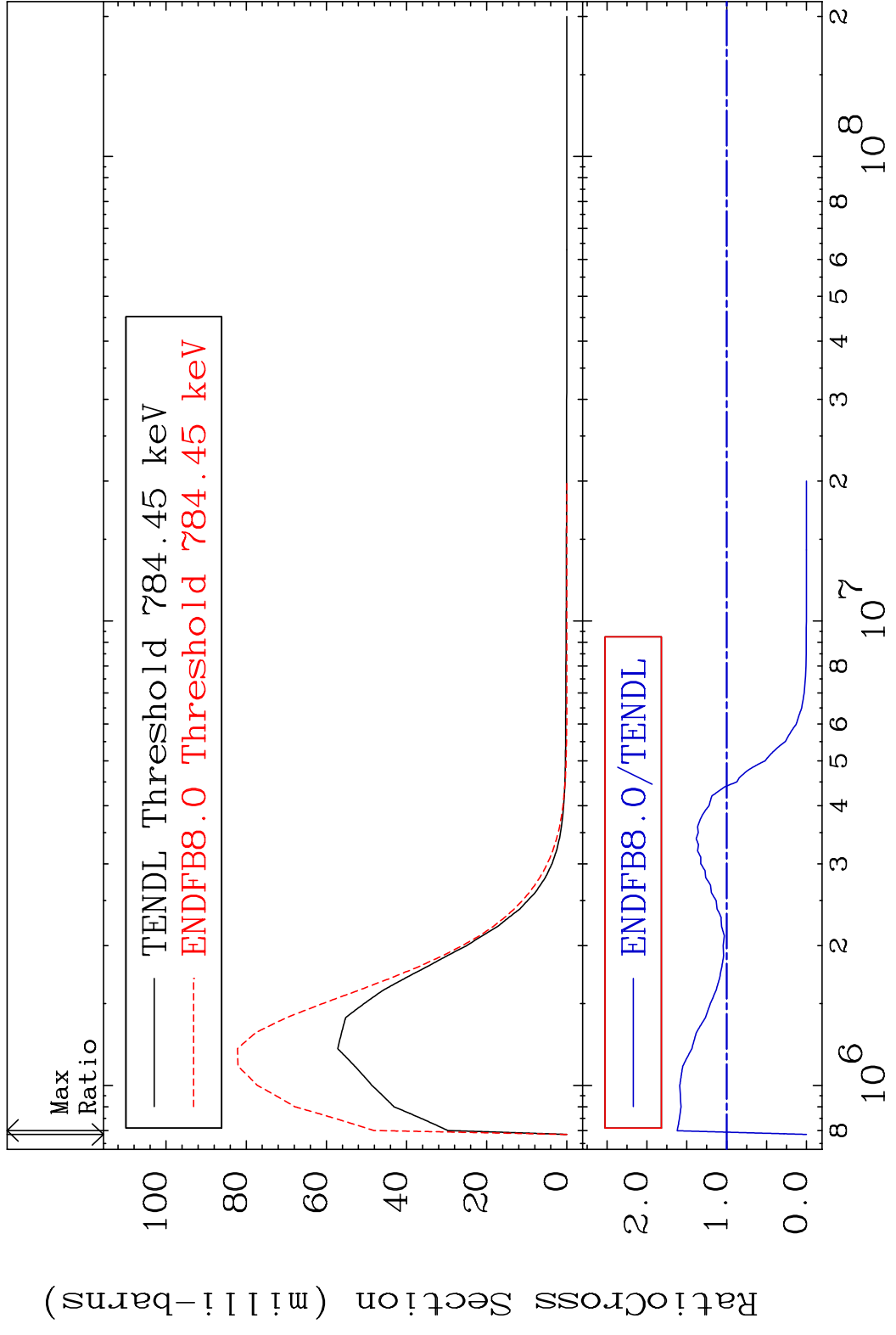
MAT 7234 MT= 72 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 407.0 %



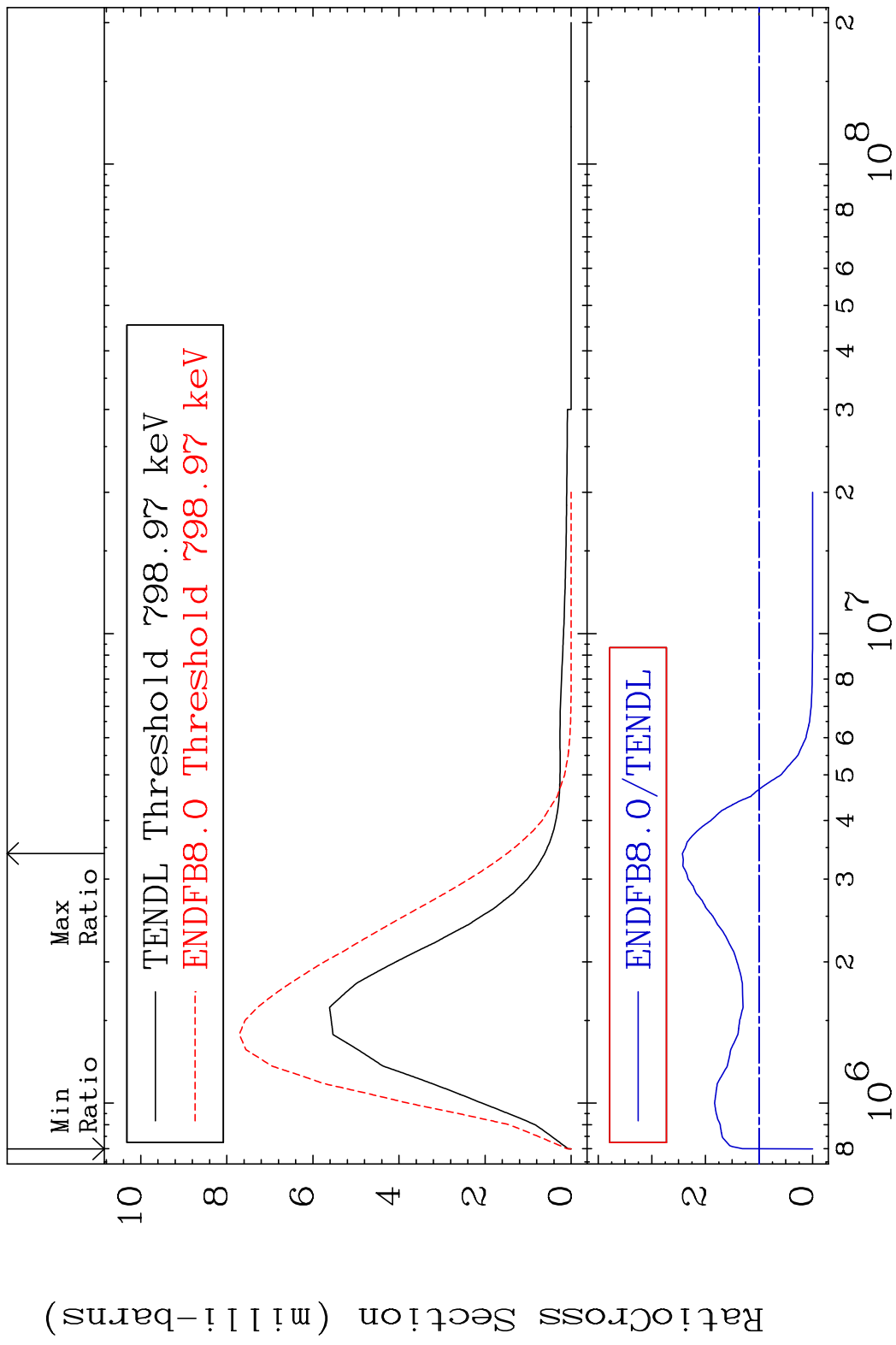
MAT 7234 MT= 73 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 69.26 %



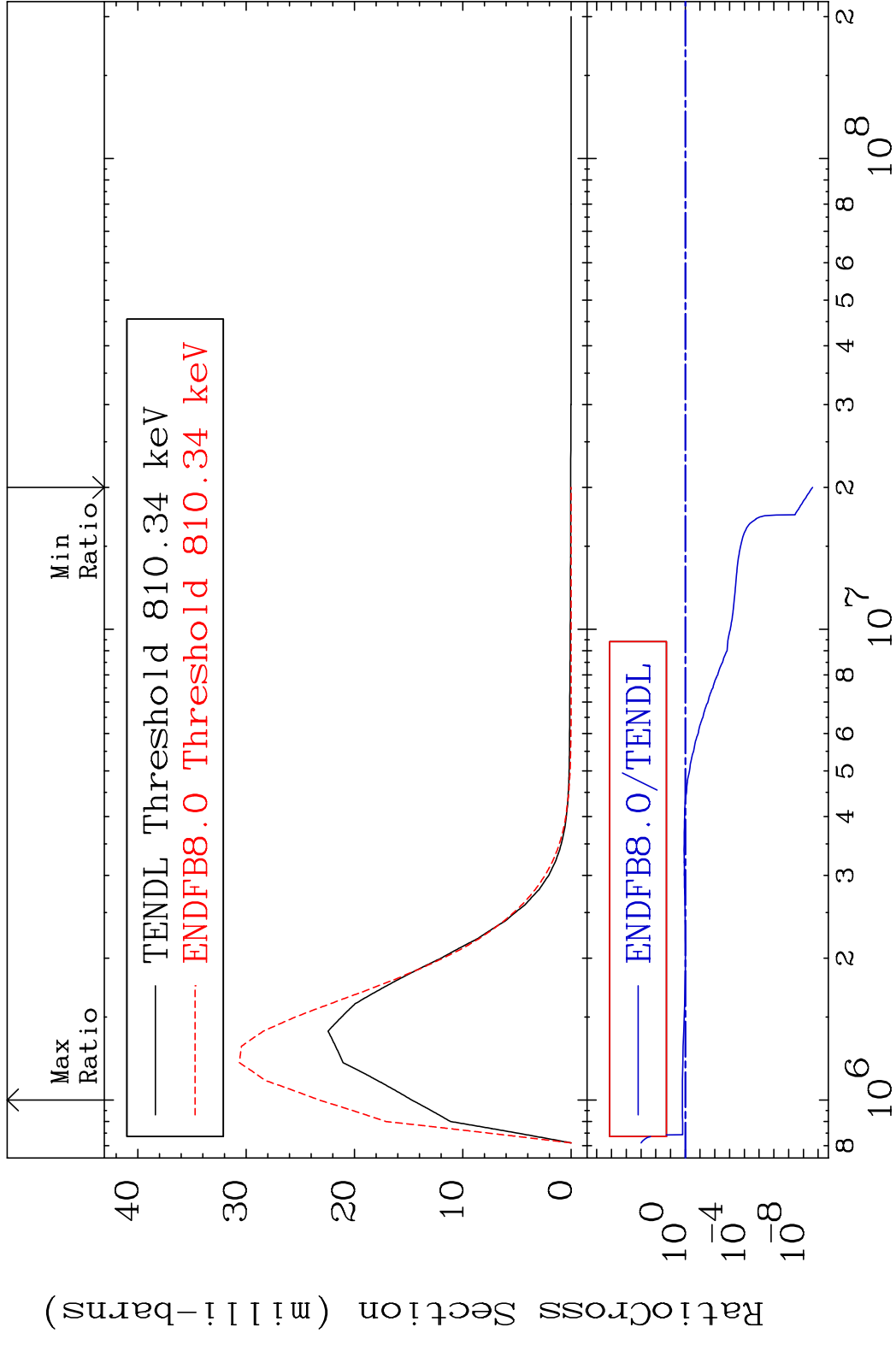
MAT 7234 MT= 74 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 62.08 %



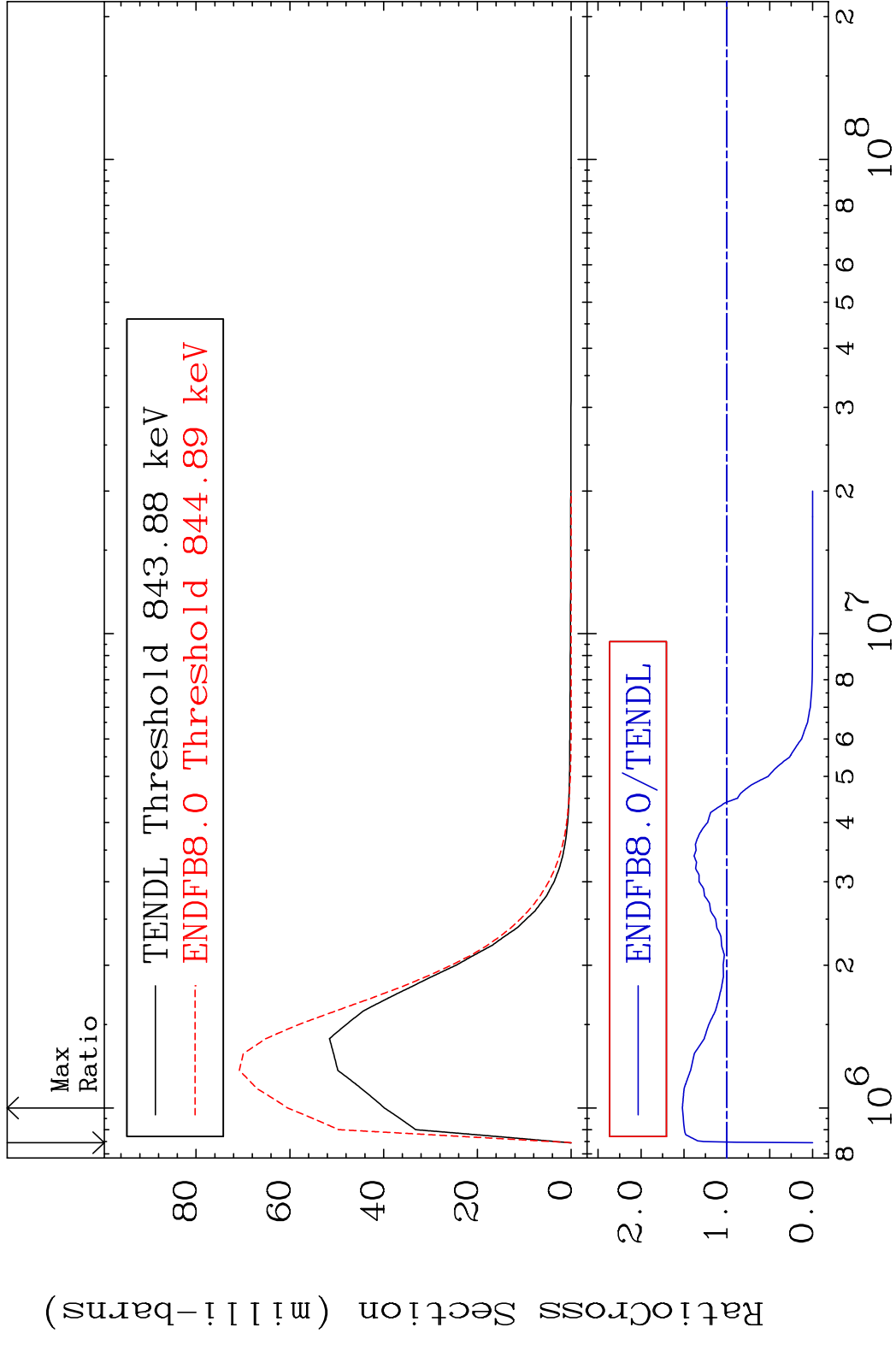
MAT 7234 MT= 75 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 143.0 %



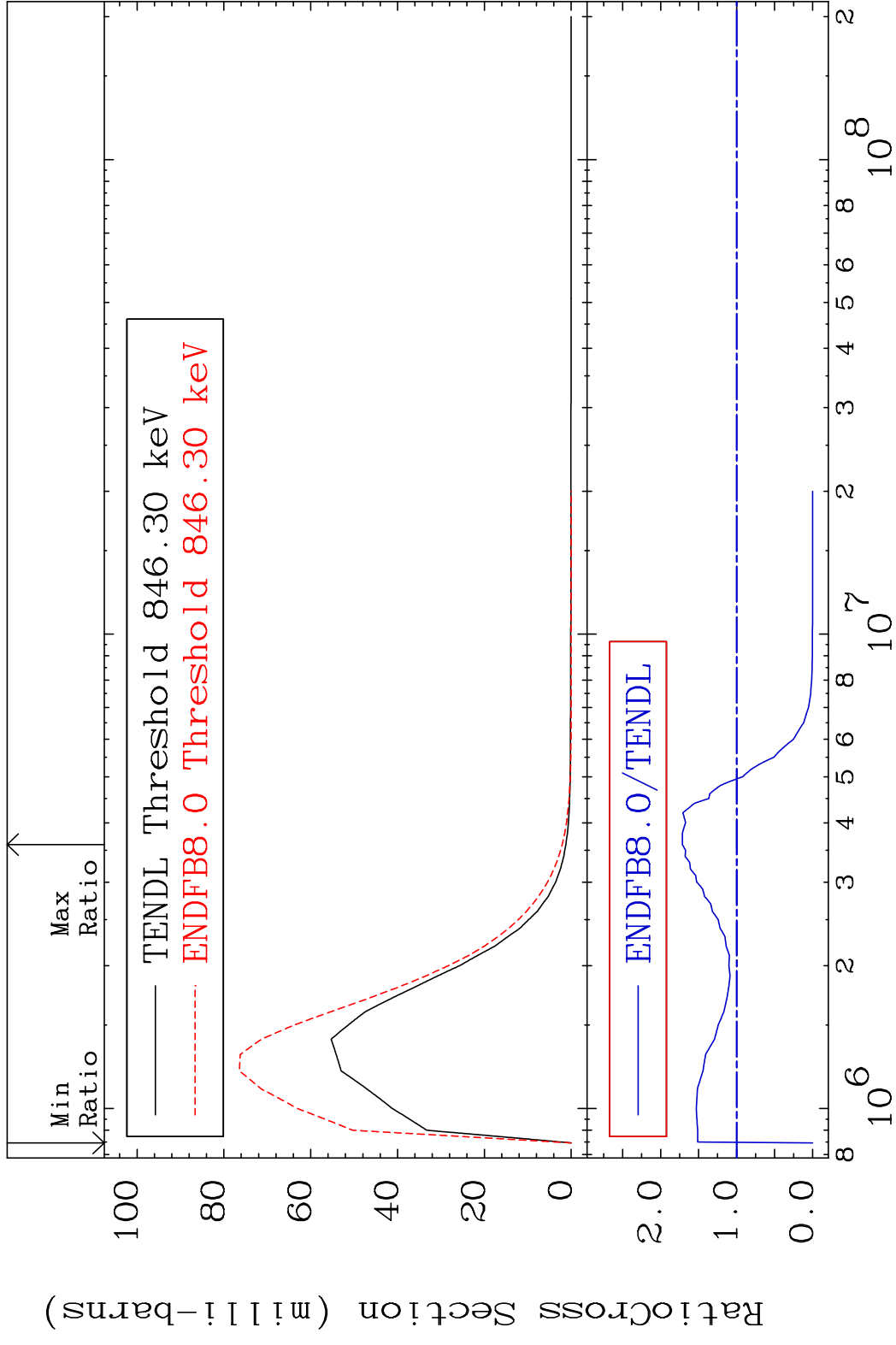
MAT 7234 MT= 76 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 58.13 %



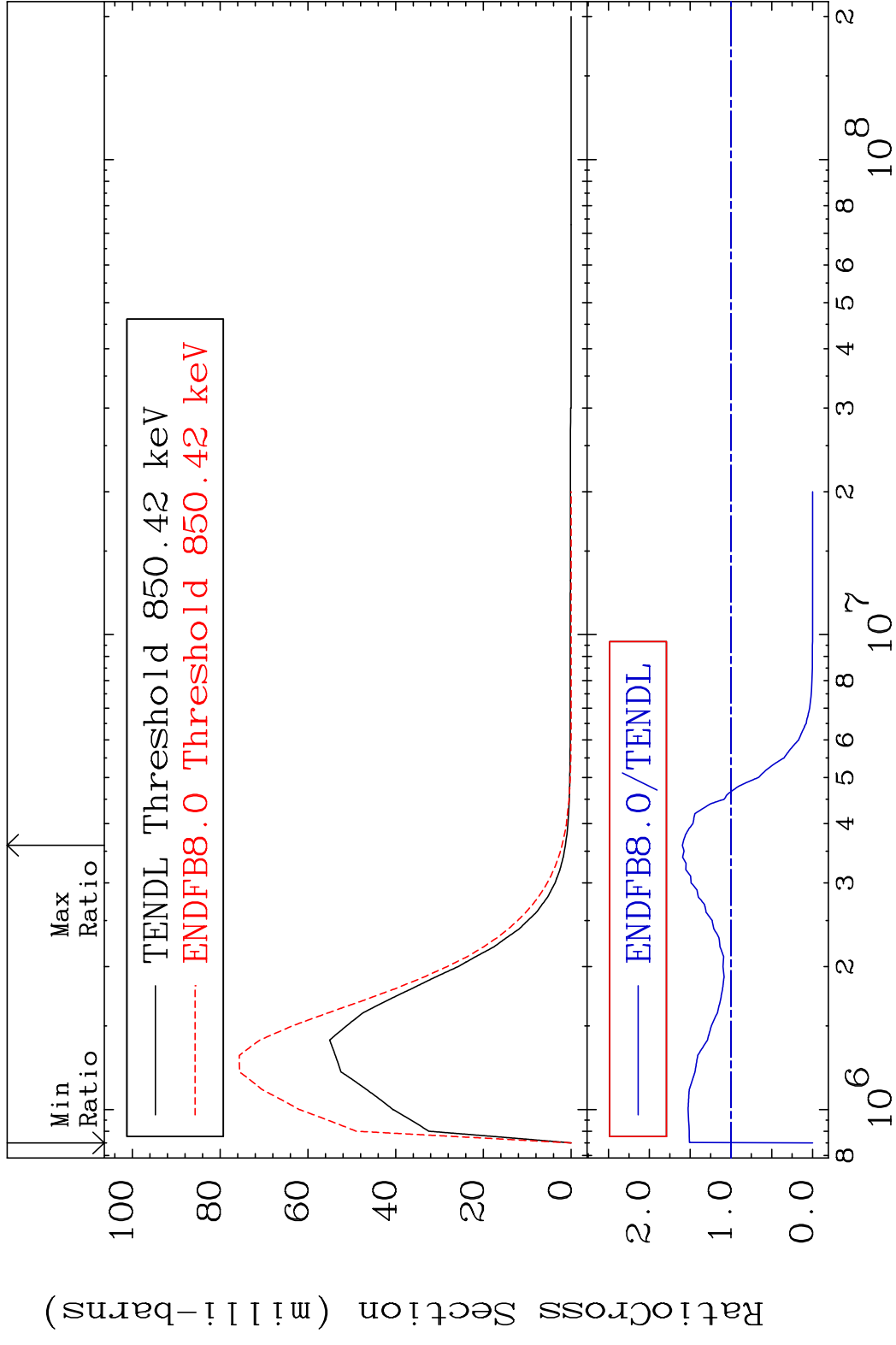
MAT 7234 MT= 77 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 51.80 %



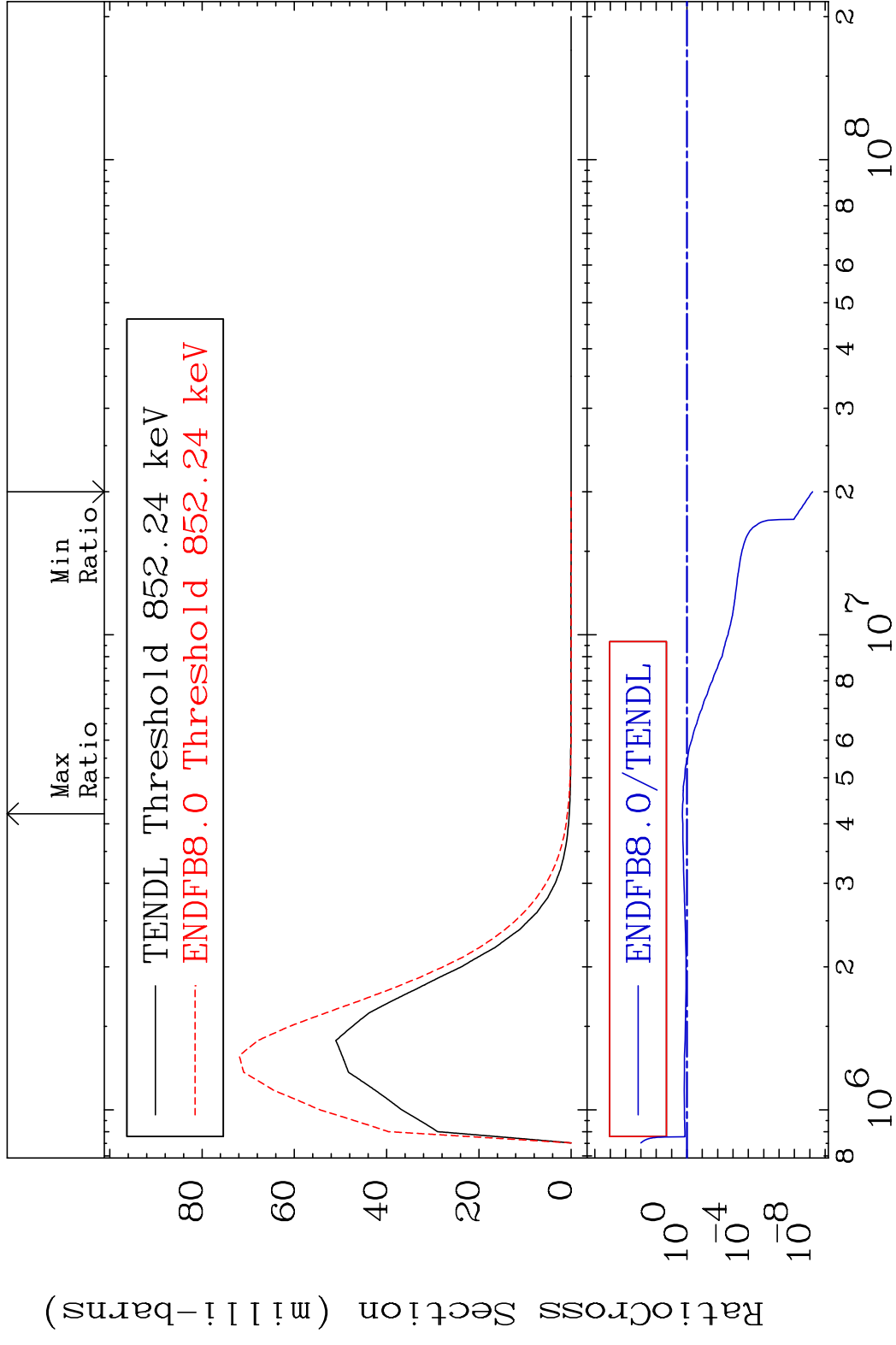
MAT 7234 MT= 78 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 71.42 %



MAT 7234 MT= 79 (n,n') Level 72-Hf-177
 Cross Section -100.0 To 59.58 %



MAT 7234 MT= 80 (n, n') Level 72-Hf-177
 Cross Section -100.0 To 99.68 %

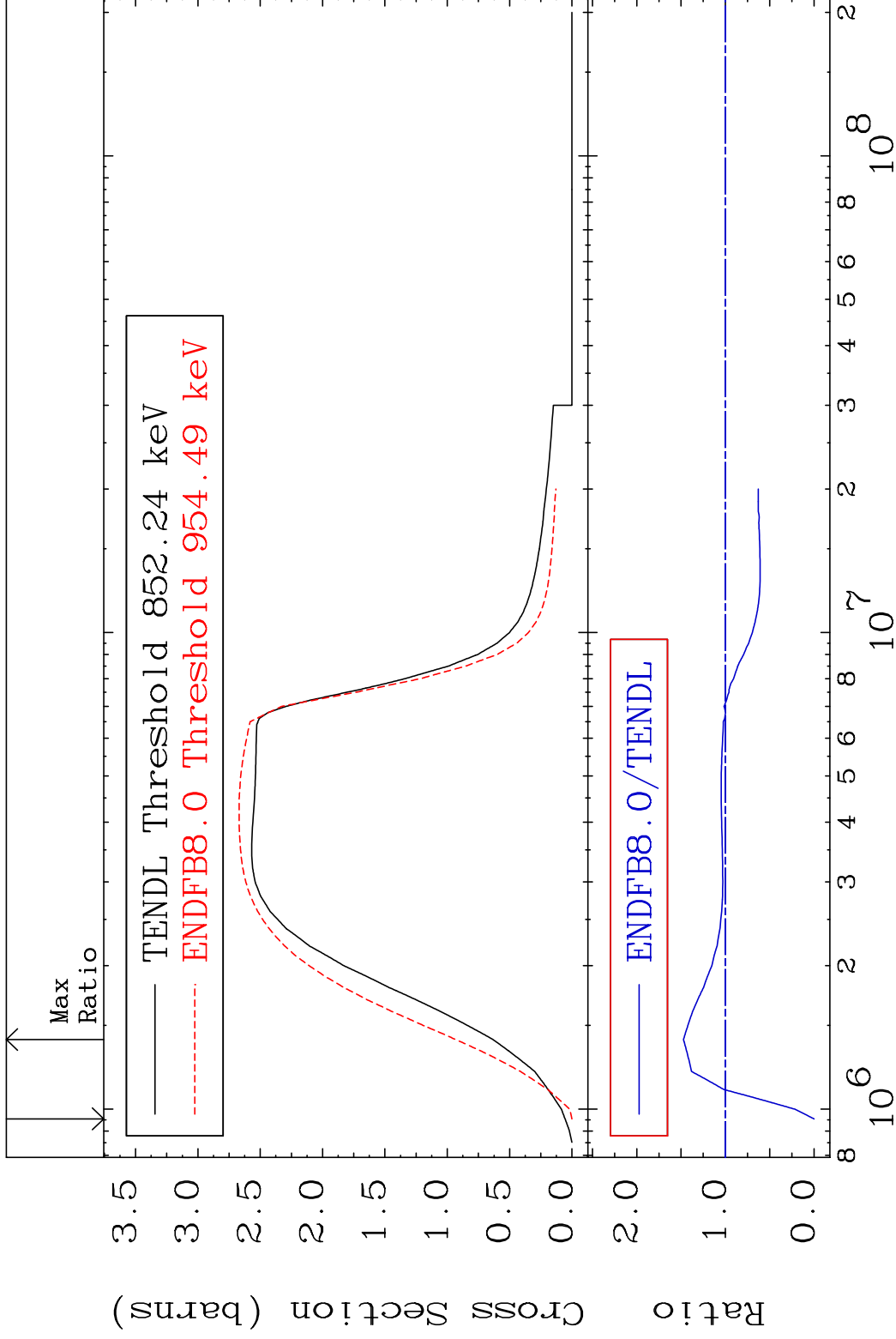


MAT 7234

(n,n') Continuum

72-Hf-177

Cross Section -100.0 To 47.31 %



38

Incident Energy (eV)

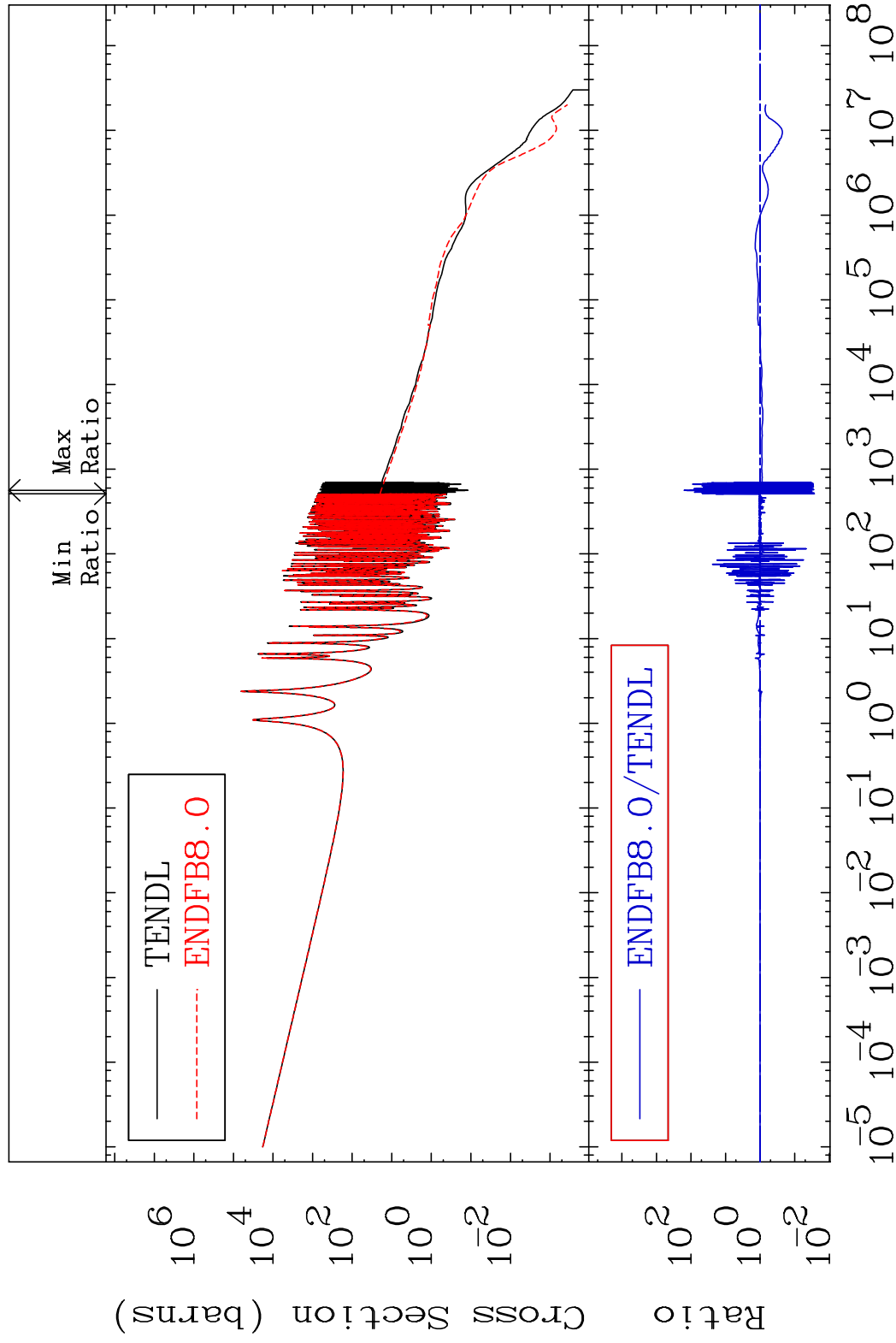
72-Hf-177

MAT 7234

(n, γ)

72-Hf-177

Cross Section -97.28 To 9999. %



39

Incident Energy (eV)

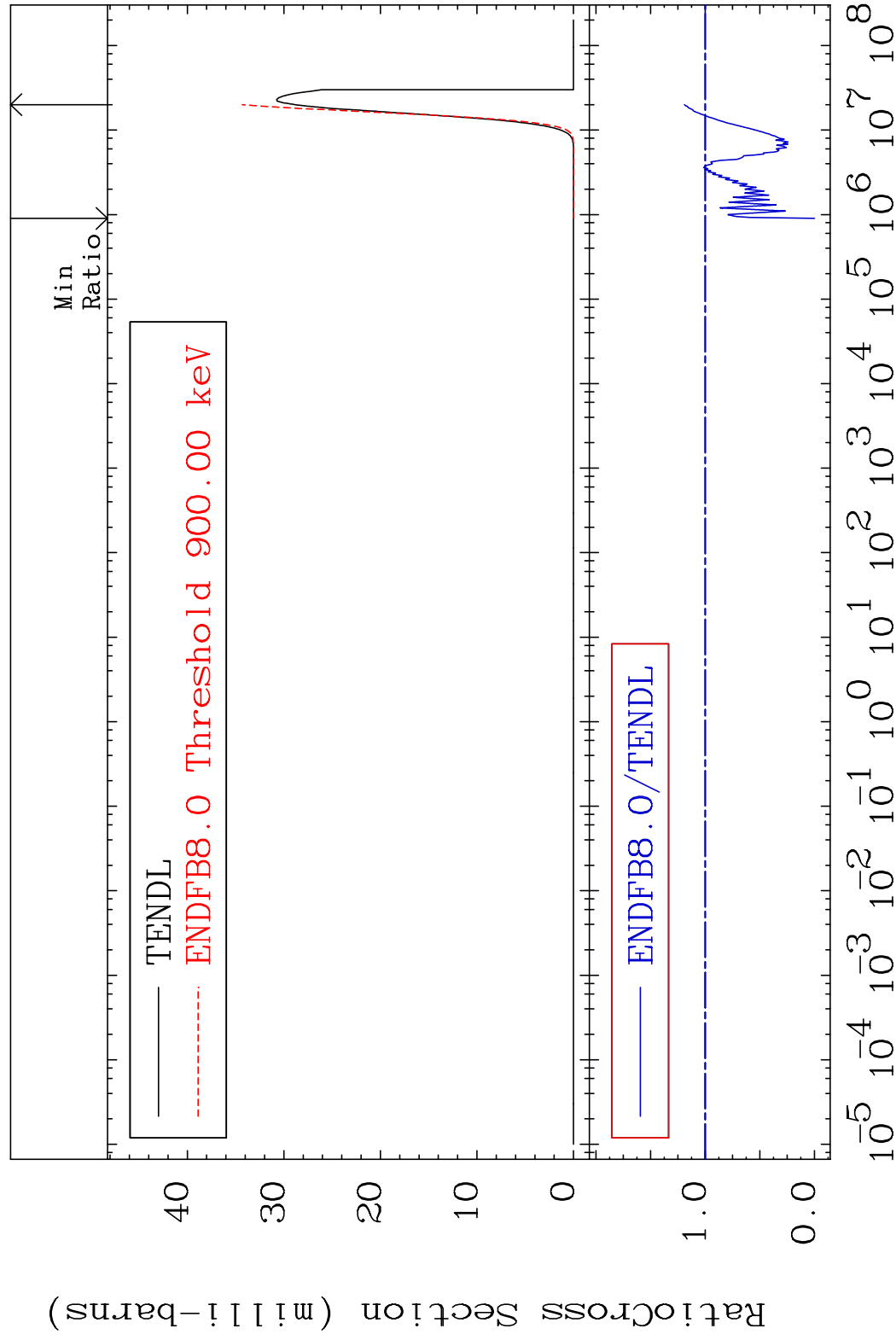
72-Hf-177

MAT 7234

(n, p)

72-Hf-177

Cross Section -100.0 To 19.00 %

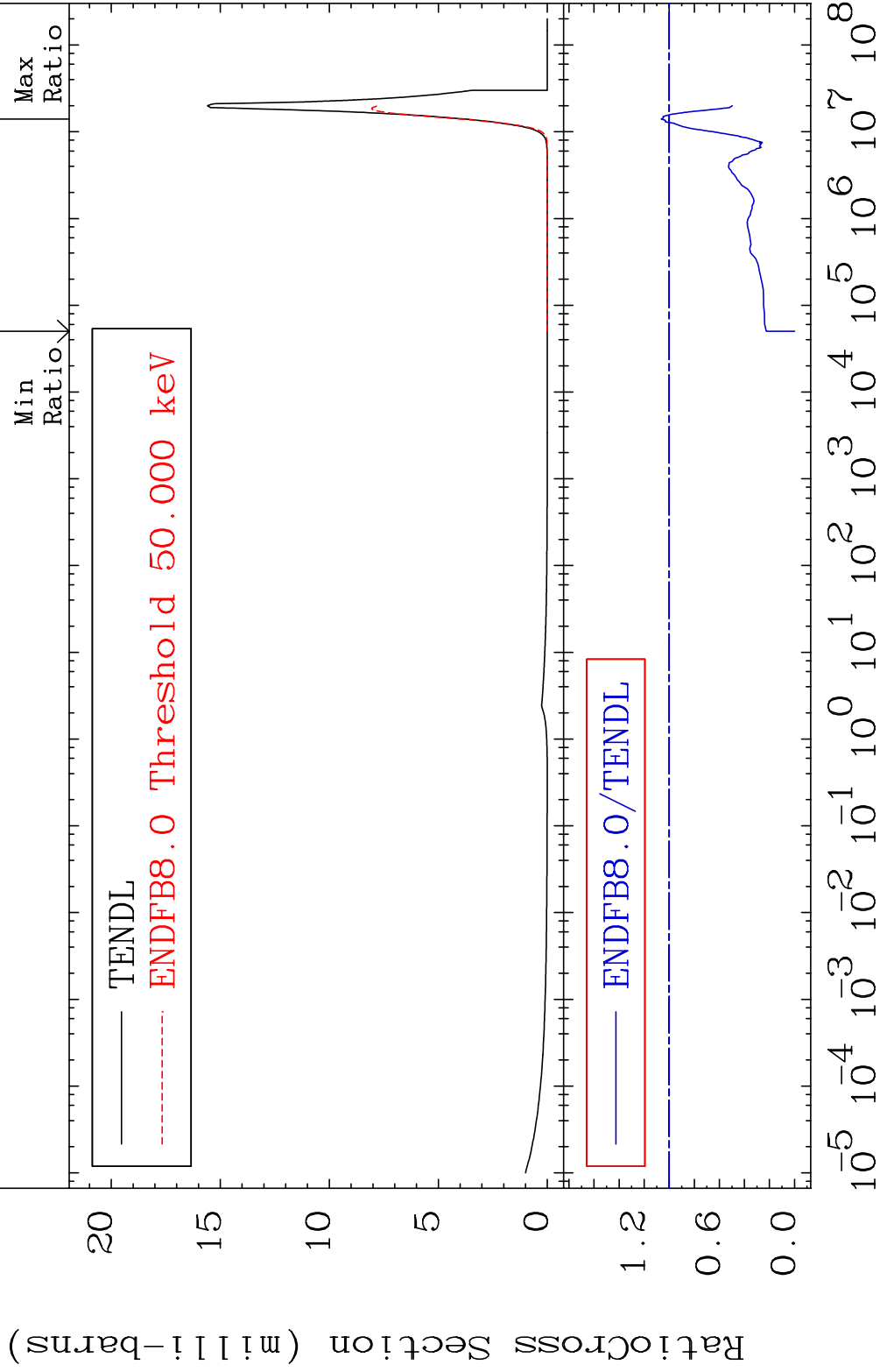


MAT 7234

(n, α)

72-Hf-177

Cross Section -100.0 To 6.417 %

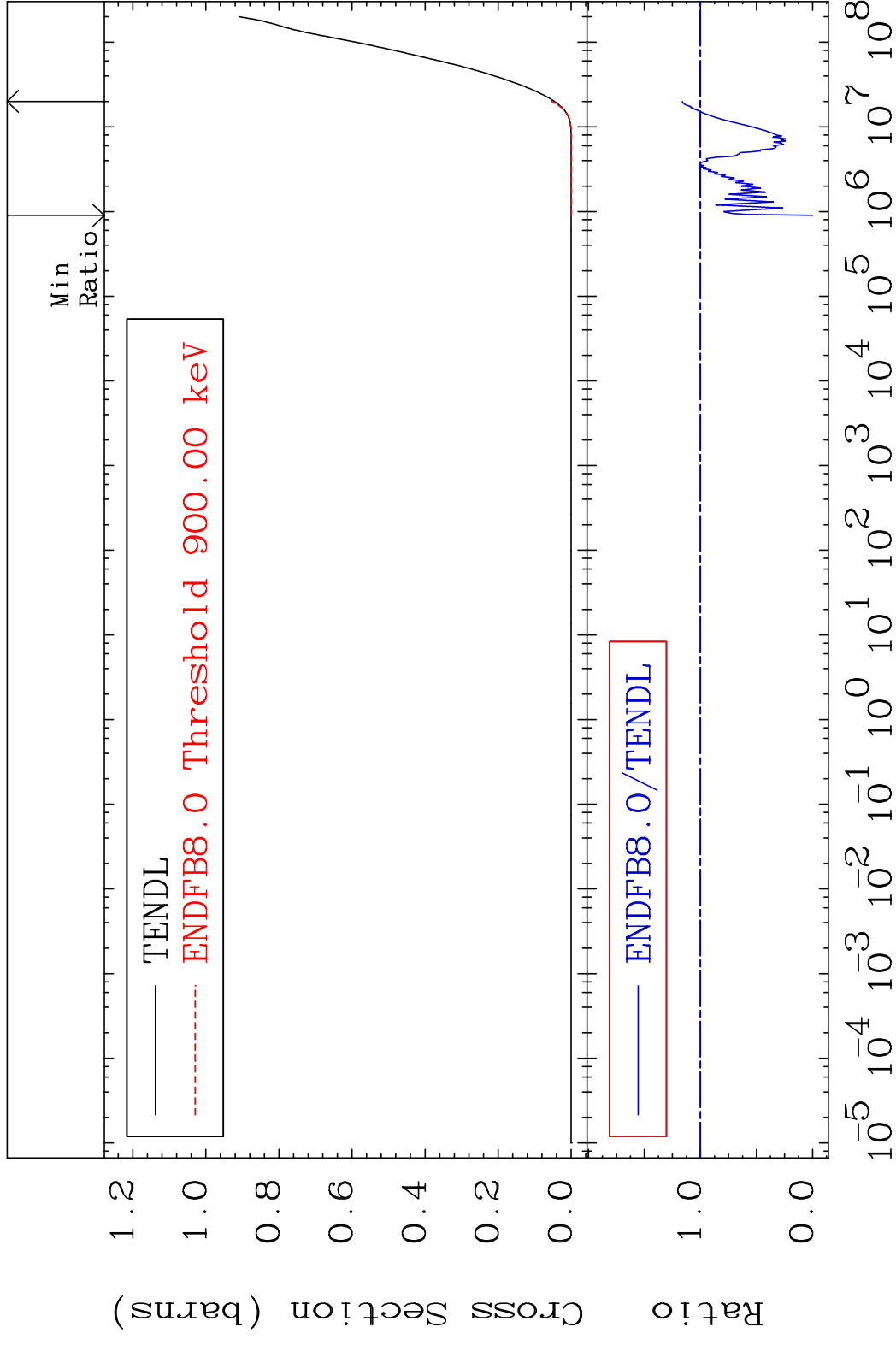


41

Incident Energy (eV)

72-Hf-177

MAT 7234 Hydrogen Production 72-Hf-177
 Cross Section -100.0 To 16.16 %

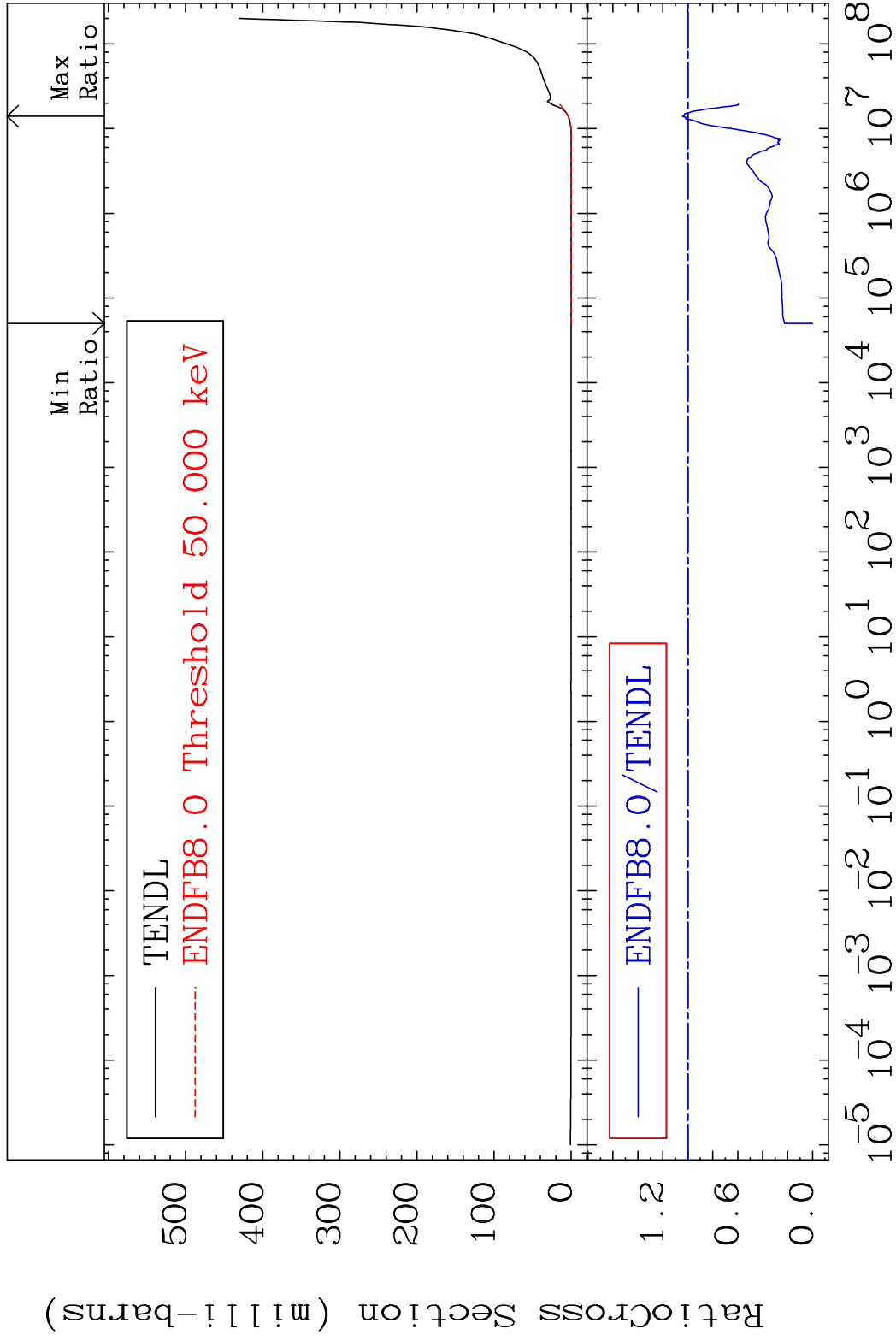


MAT 7234

He-4 Production

72-Hf-177

Cross Section -100.0 To 4.359 %

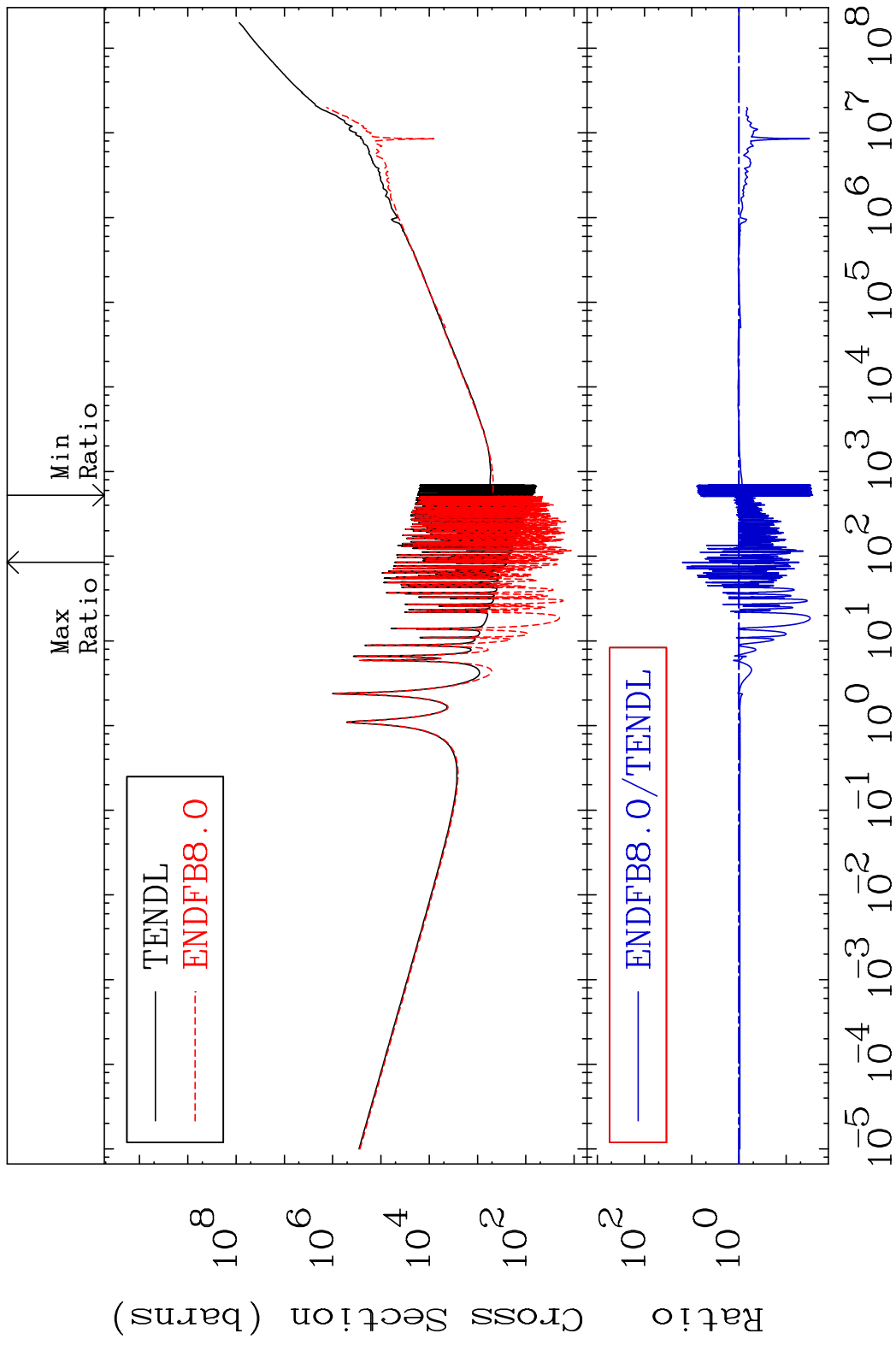


43

Incident Energy (eV)

72-Hf-177

MAT 7234 Kerma total (eV-barns) 72-Hf-177
 Cross Section -97.23 To 1481. %

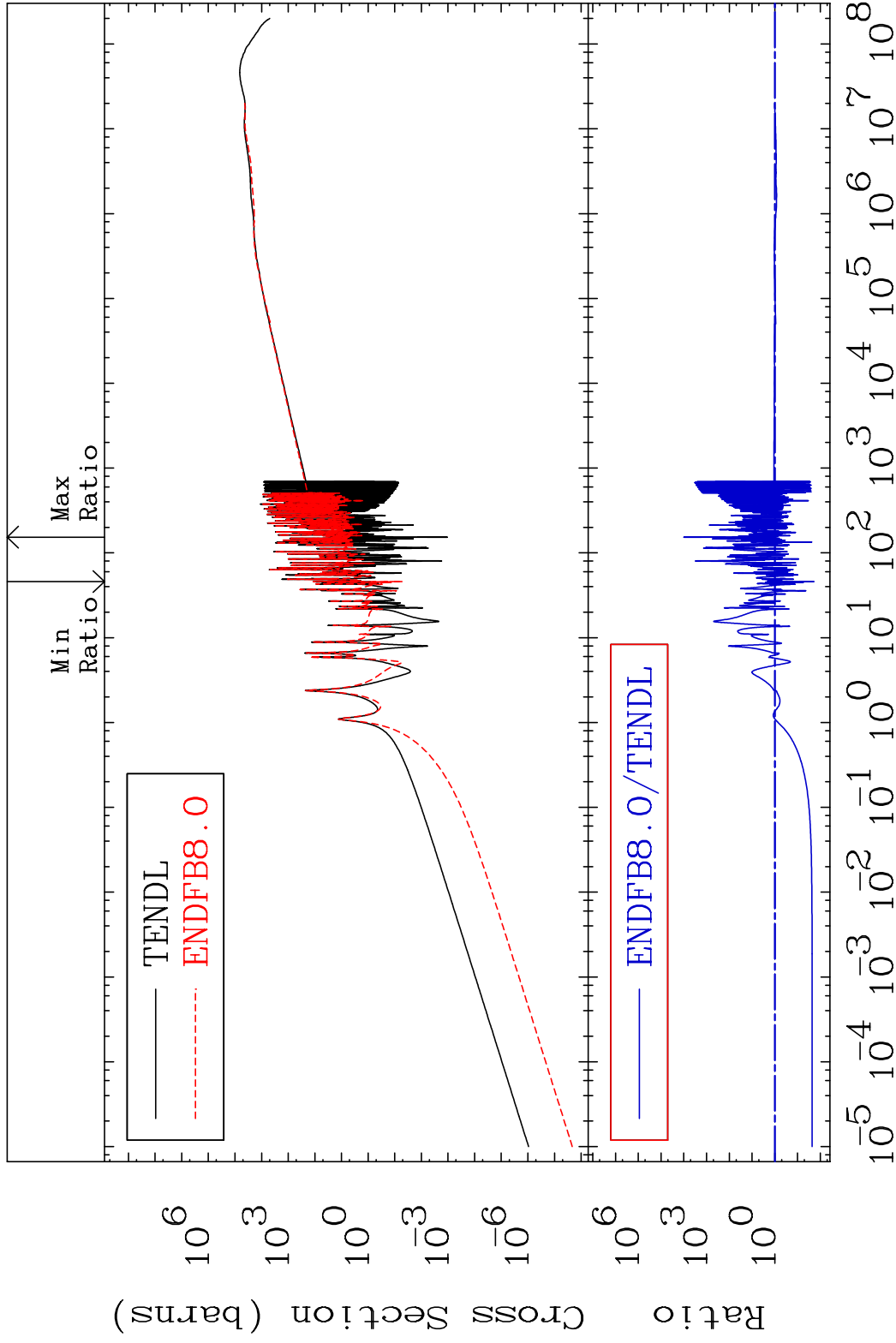


MAT 7234

Kerma elastic

72-Hf-177

Cross Section -98.12 To 9999. %

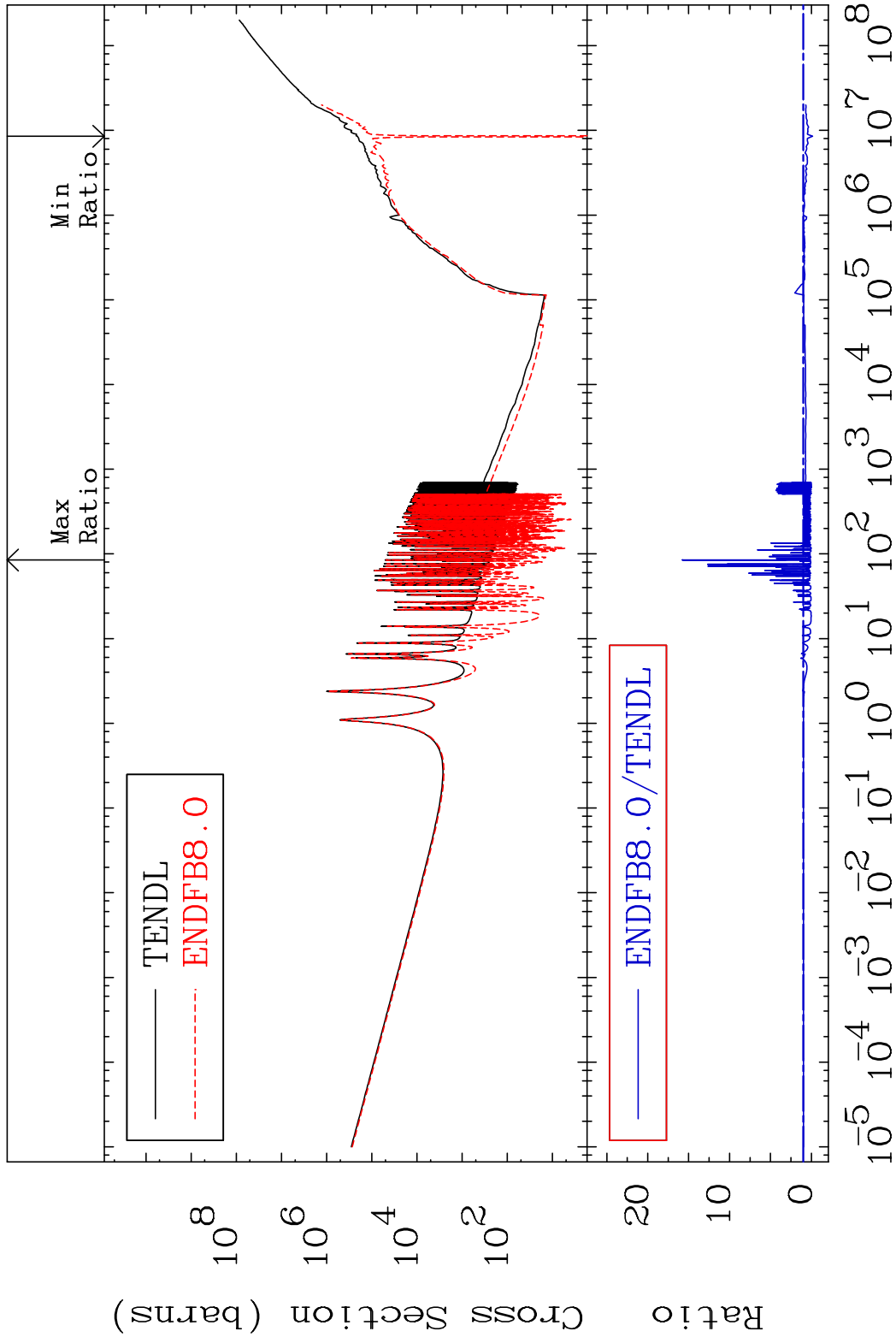


45

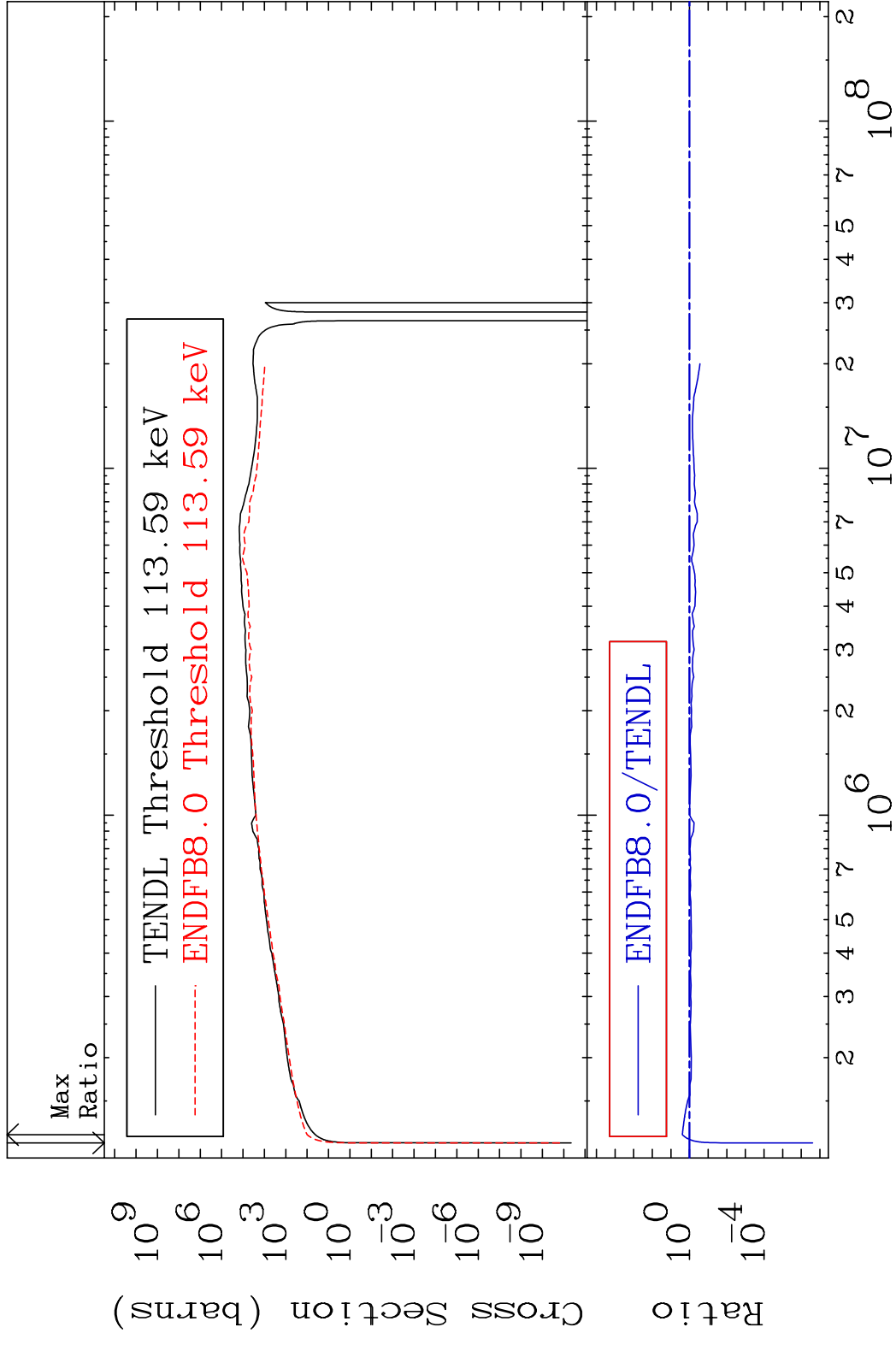
Incident Energy (eV)

72-Hf-177

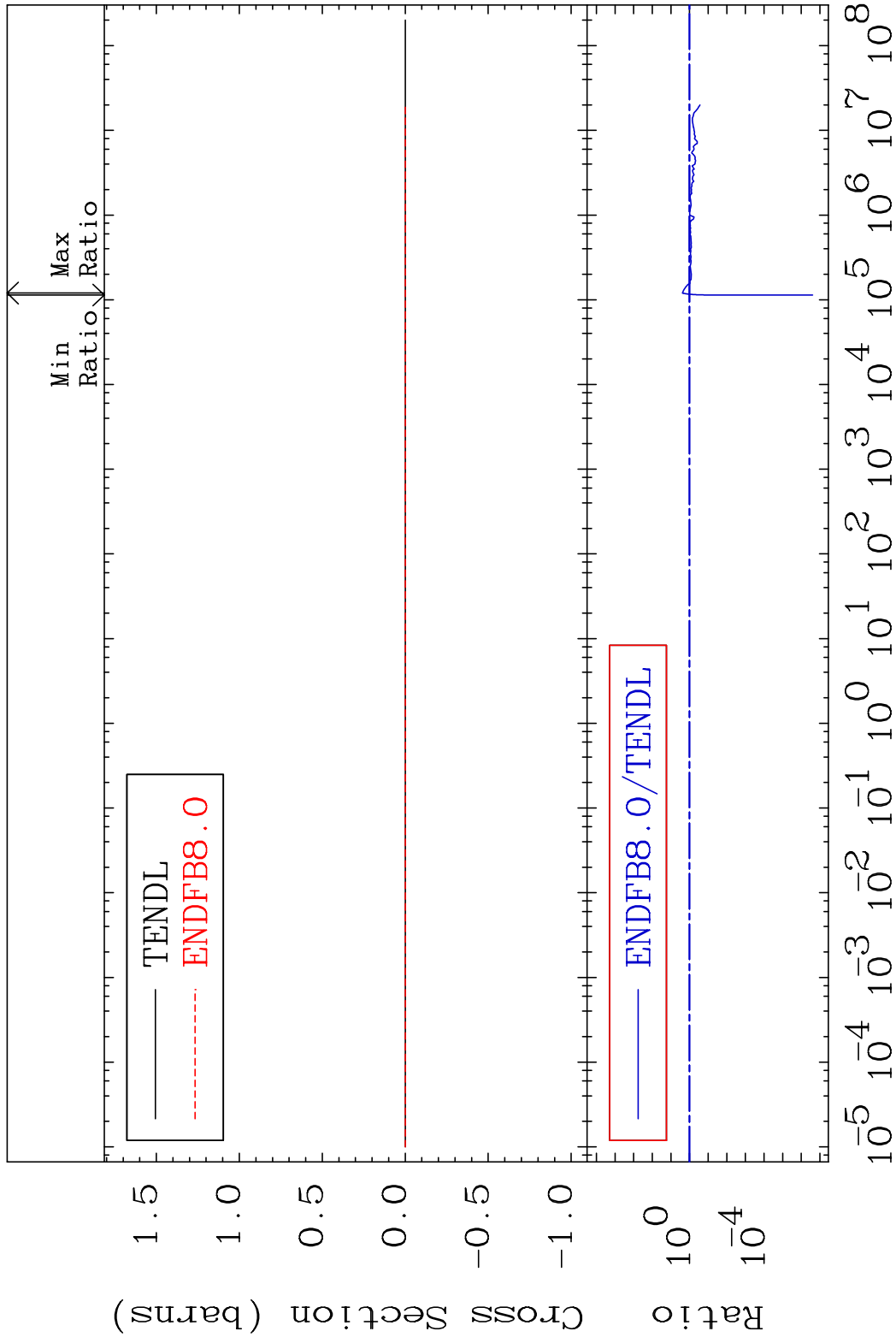
MAT 7234 Kerma non-elastic (all but mt2) 72-Hf-177
 Cross Section -114.5 To 1477. %



MAT 7234 Kerma inelastic (mt51-91) 72-Hf-177
 Cross Section -100.0 To 142.6 %



MAT 7234 Kerma fission (mt18 or mt19-20-21-38)72-Hf-177
 Cross Section -100.0 To 142.6 %

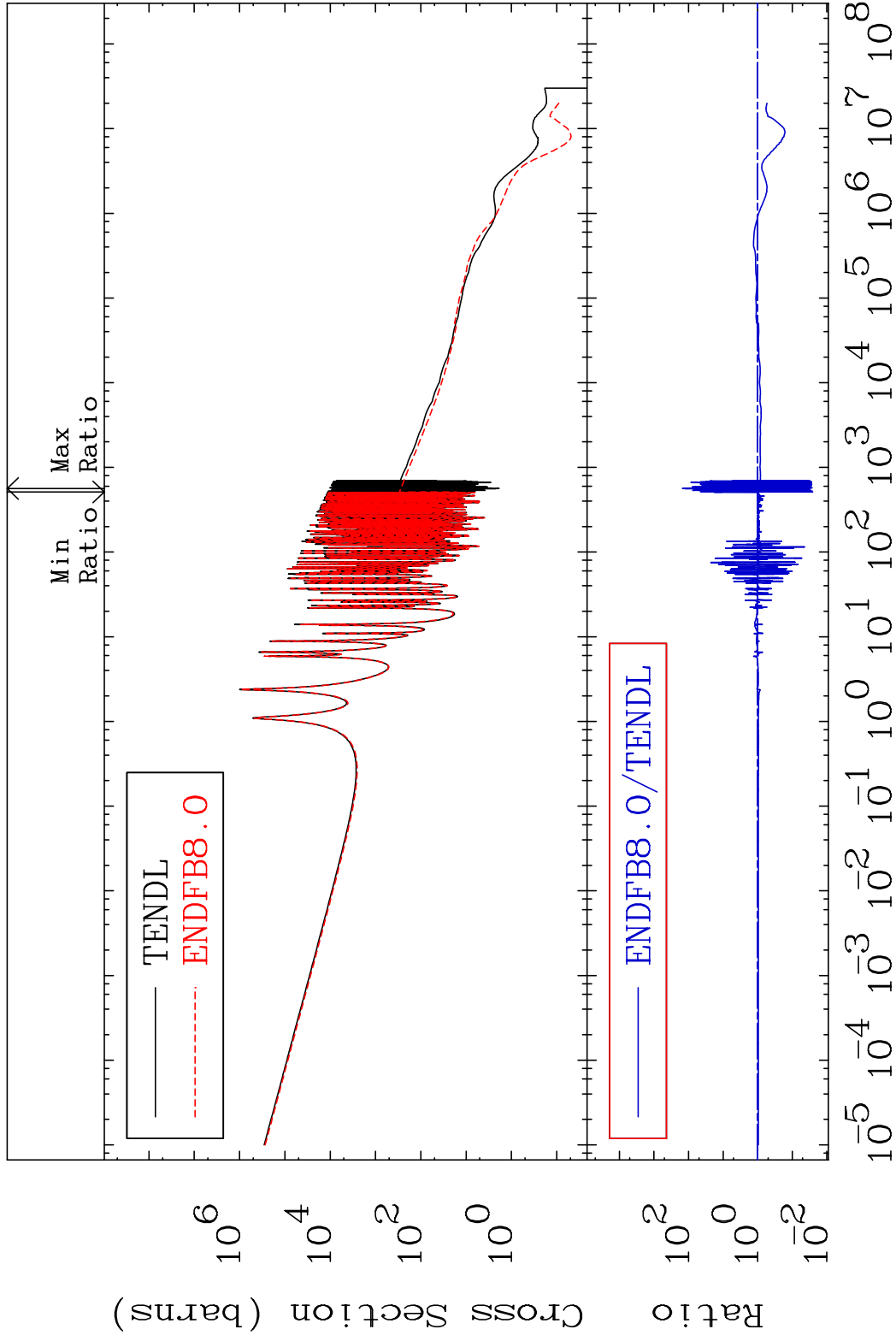


MAT 7234

Kerma capture (mt102)

72-Hf-177

Cross Section -97.41 To 9999. %



49

Incident Energy (eV)

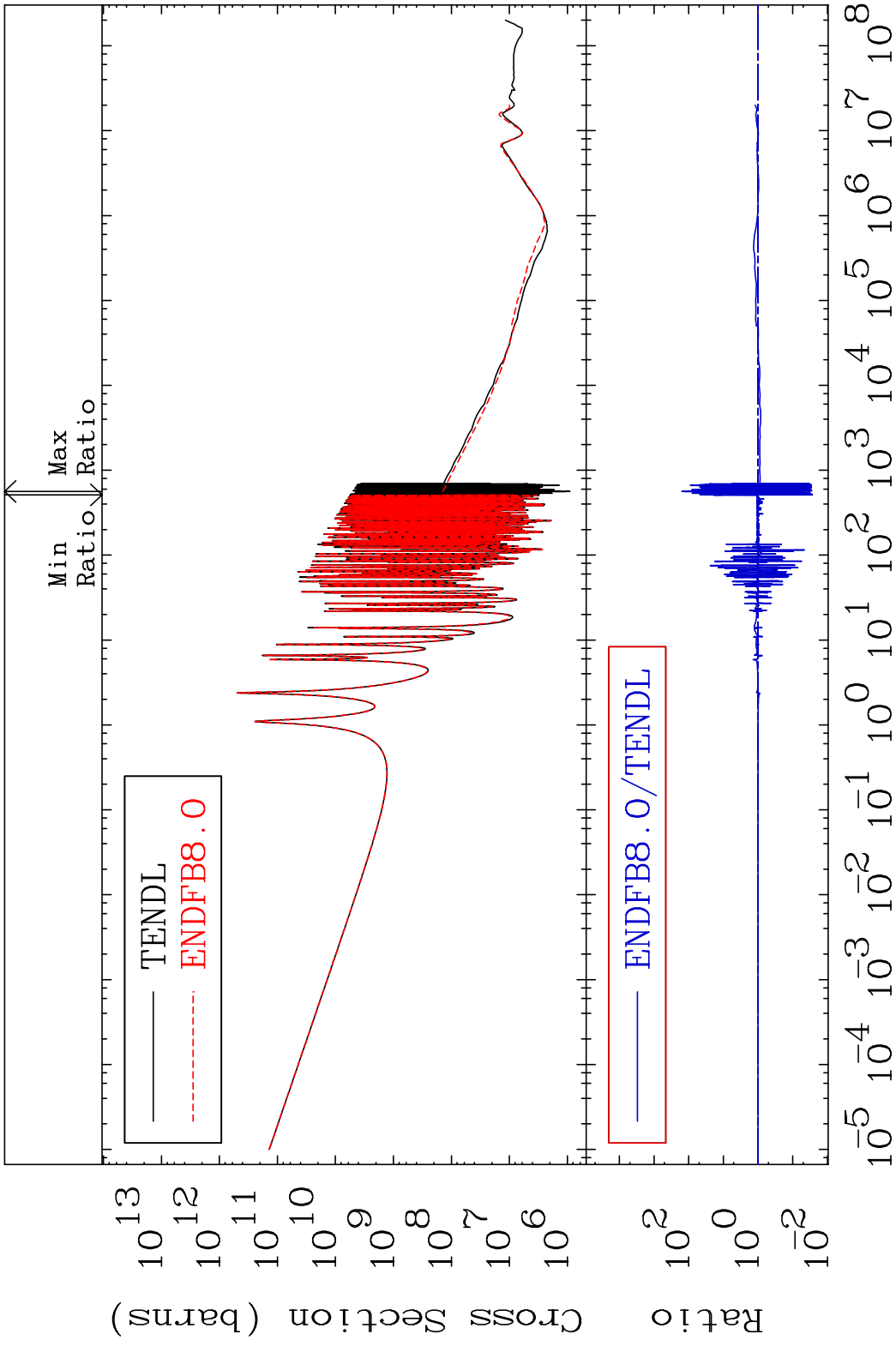
72-Hf-177

MAT 7234

Total photon (eV-barns)

72-Hf-177

Cross Section -97.28 To 9999. %

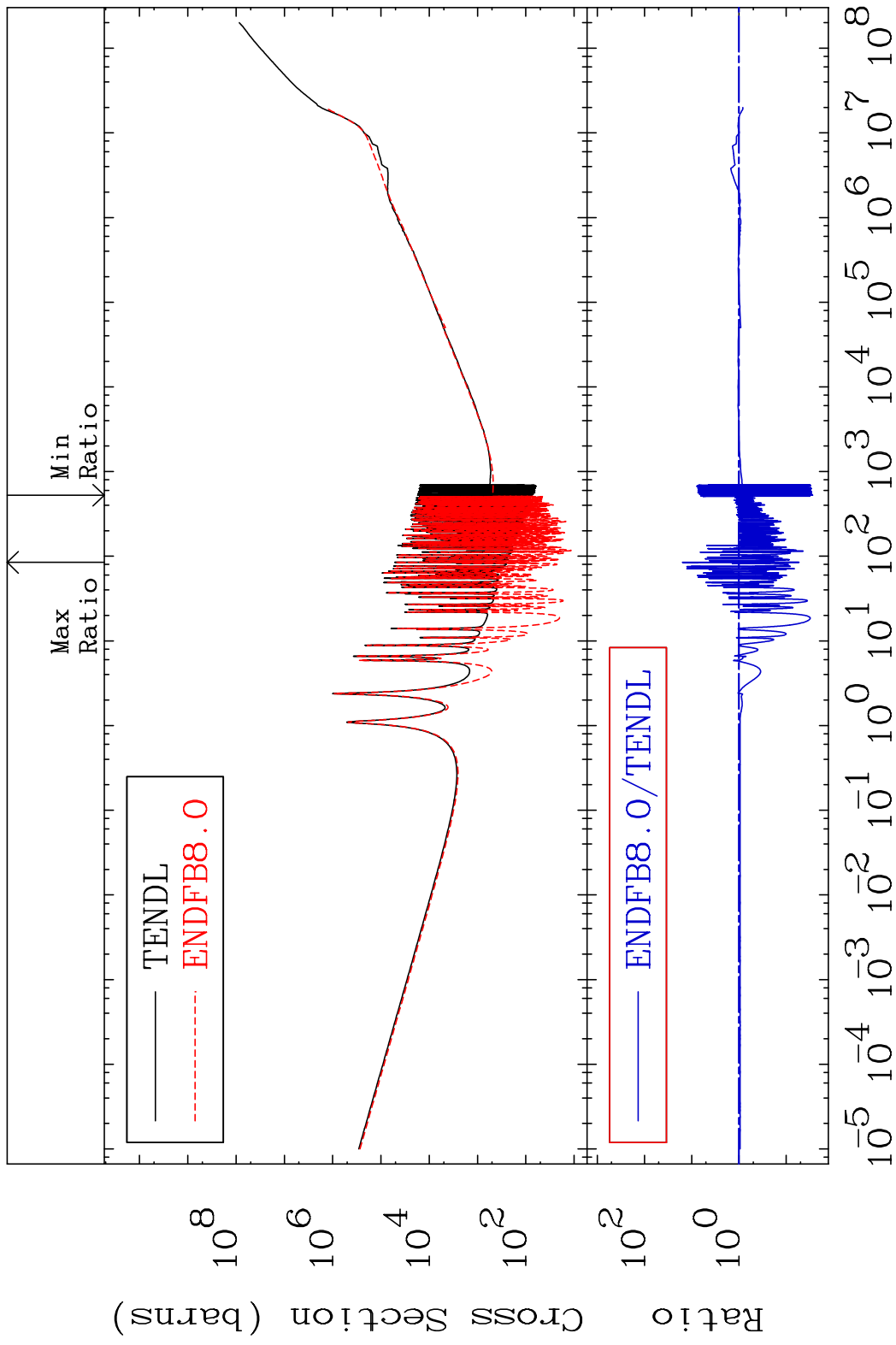


50

Incident Energy (eV)

72-Hf-177

MAT 7234 Total kinematic kerma (high limit) 72-Hf-177
 Cross Section -97.23 To 1481. %

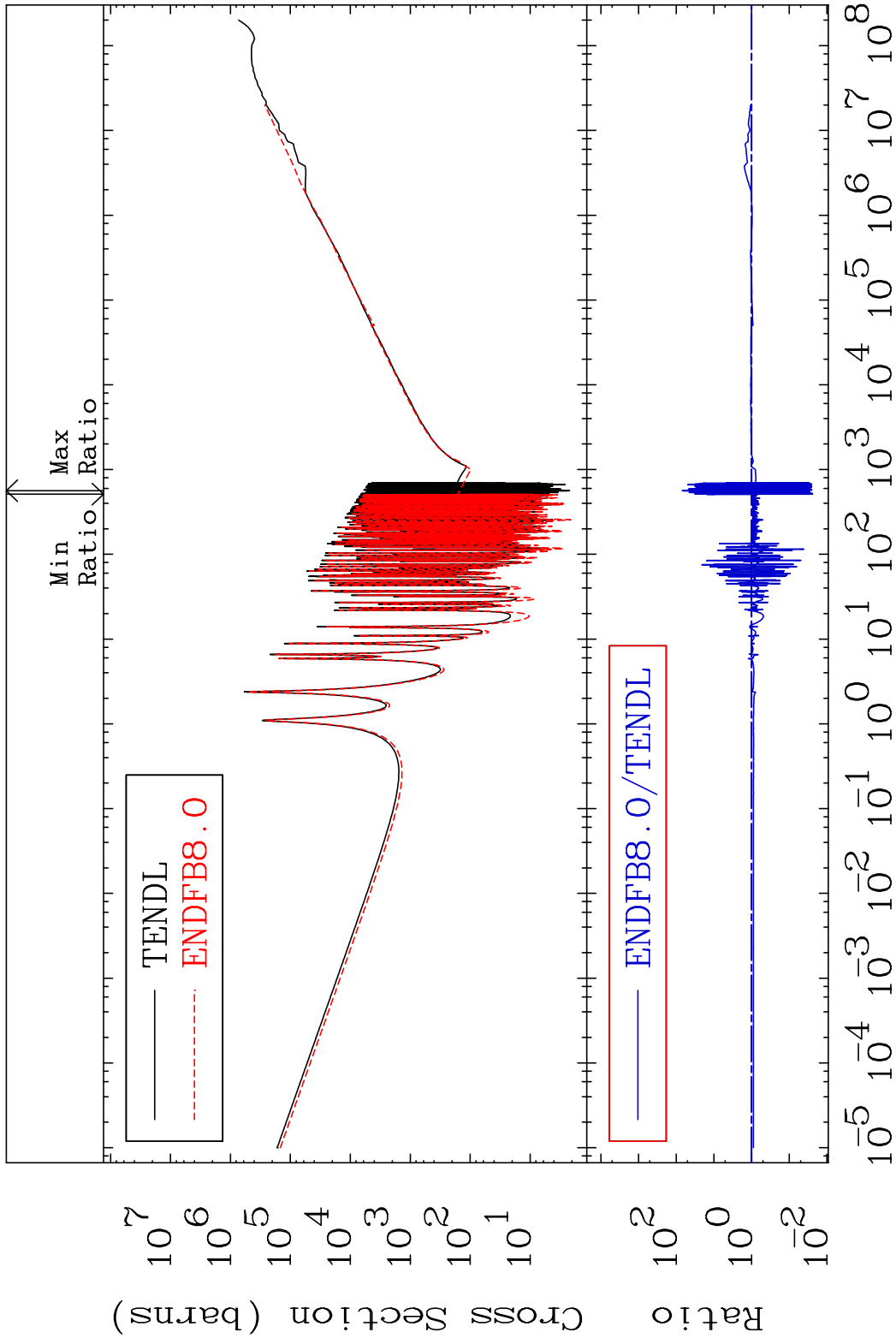


MAT 7234

Dpa total (eV-barns)

72-Hf-177

Cross Section -97.59 To 6843. %



52

Incident Energy (eV)

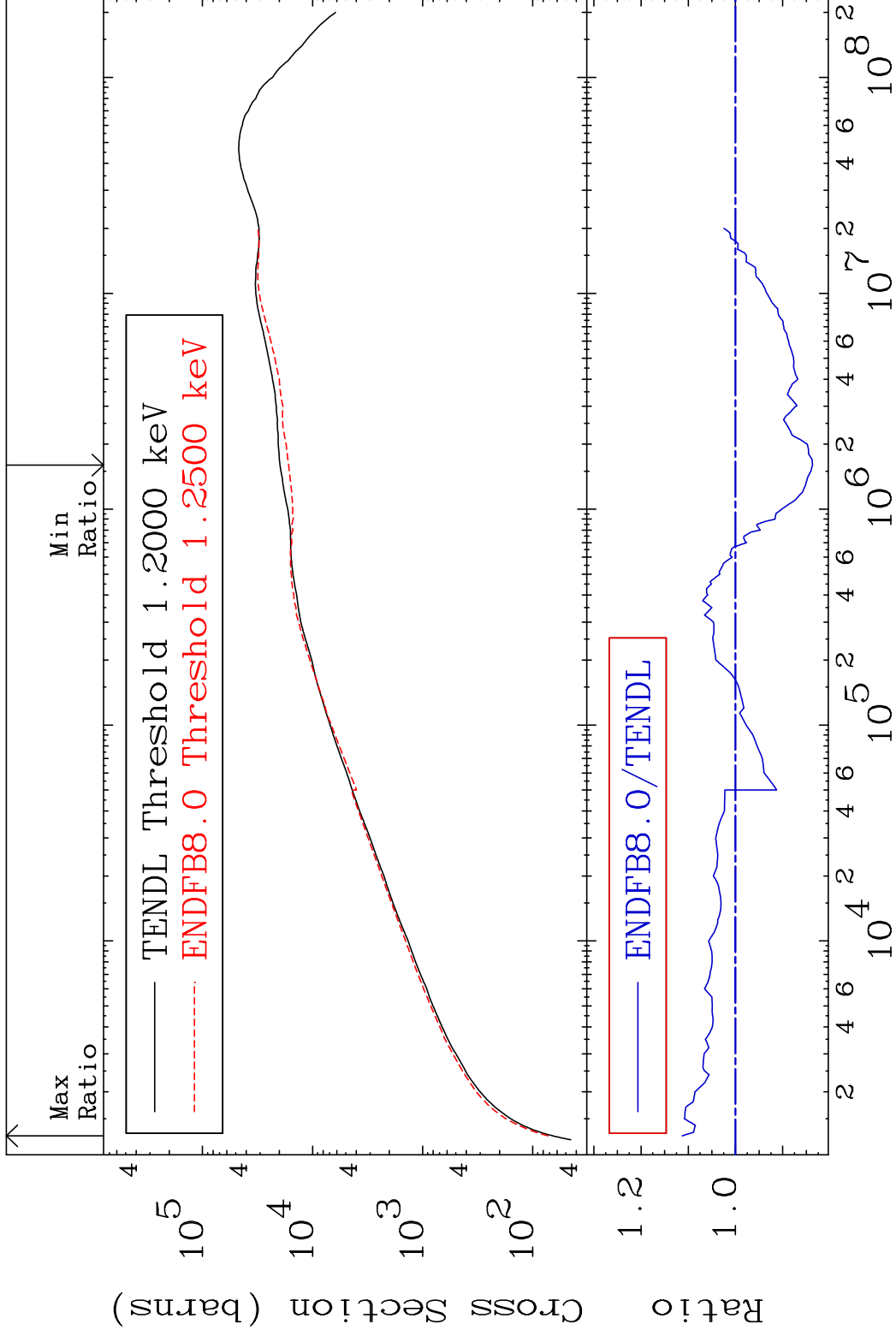
72-Hf-177

MAT 7234

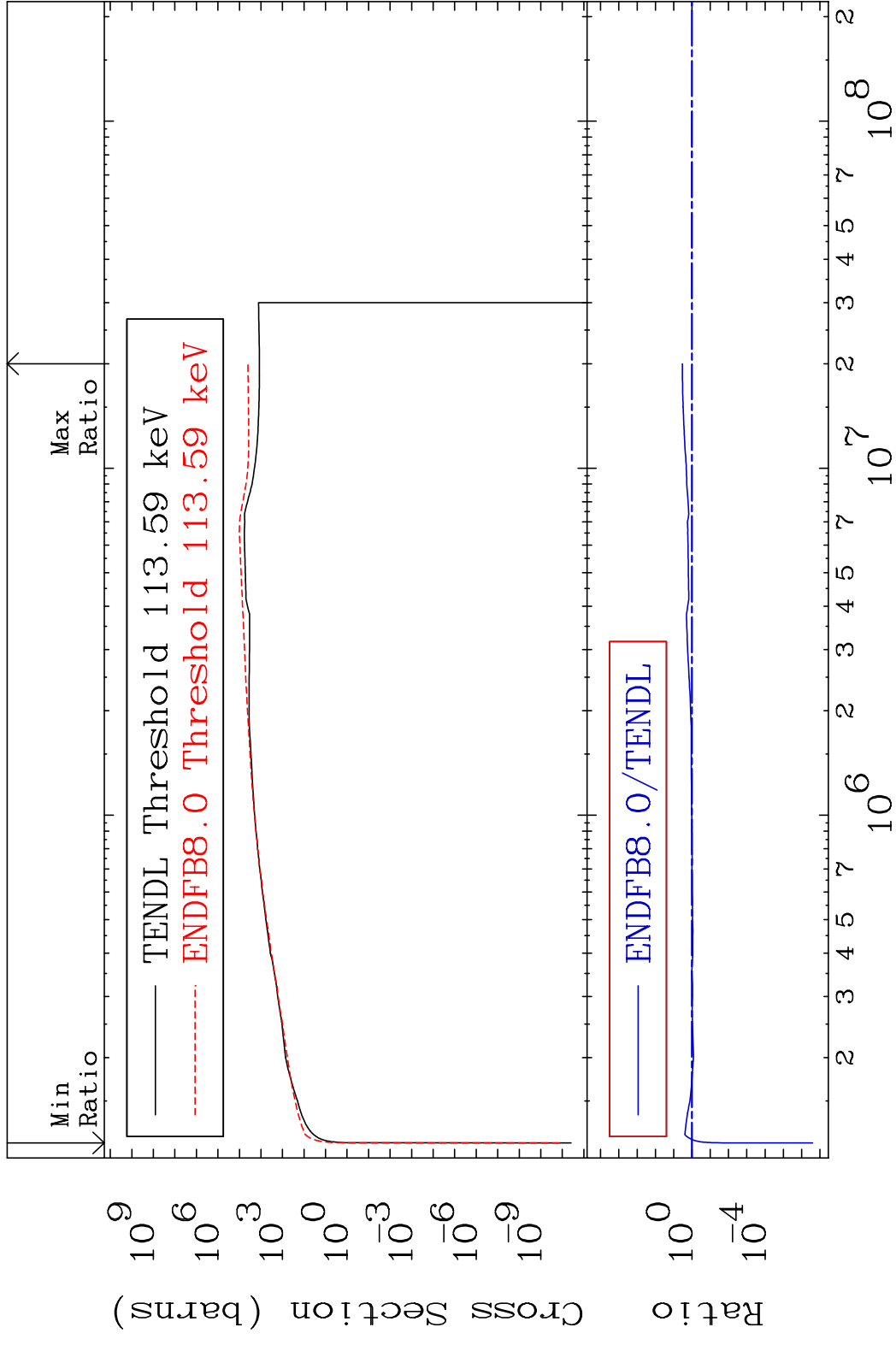
Dpa elastic (mt2)

72-Hf-177

Cross Section -16.30 To 11.29 %



MAT 7234 Dpa inelastic (mt51-91) 72-Hf-177
 Cross Section -100.0 To 235.4 %



MAT 7234 Dpa disappearance (mt102 -120) 72-Hf-177
 Cross Section -97.59 To 6843. %

