

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

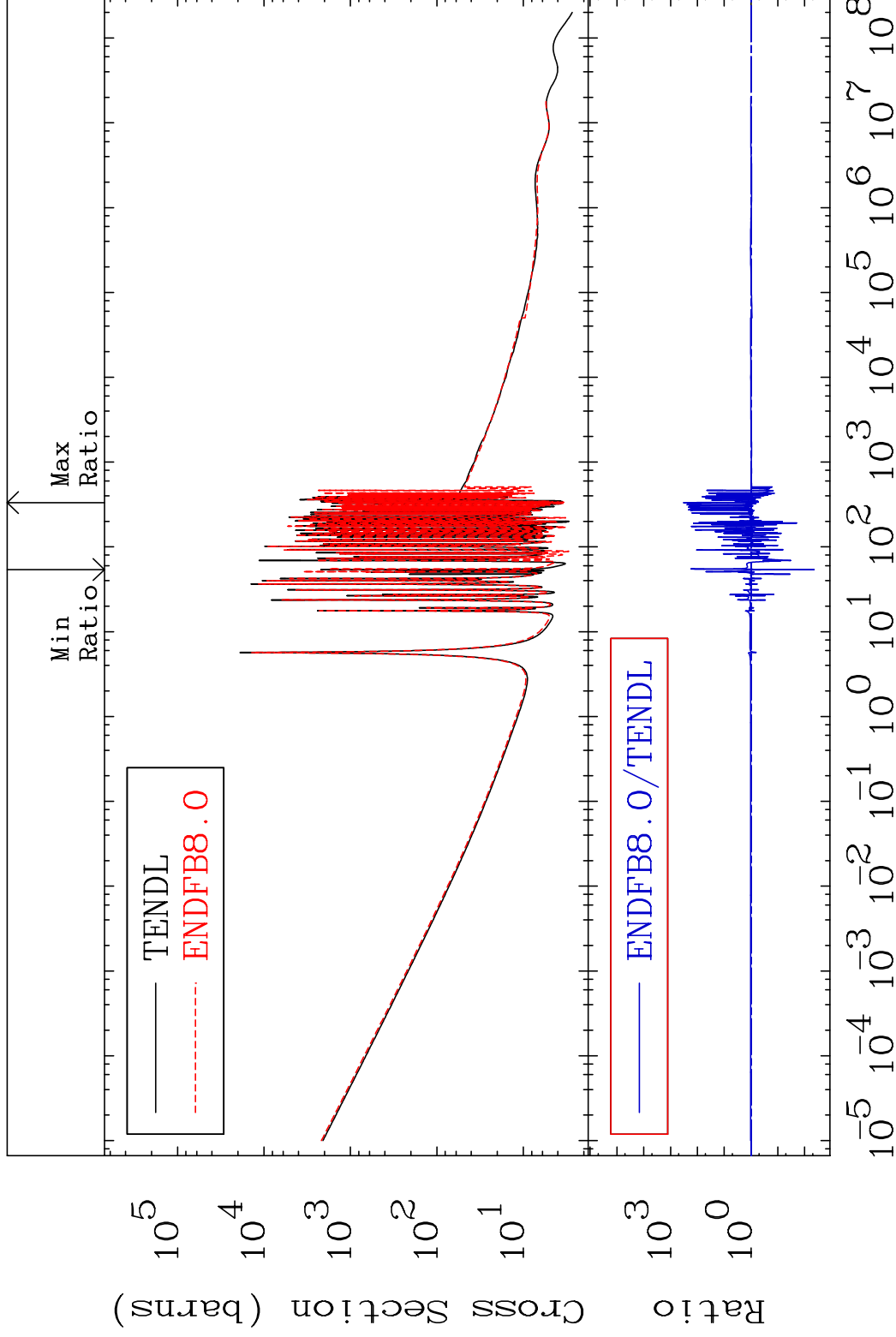
MAT 7240

Total

72-Hf-179

Cross Section

-99.56 To 9999. %



1

Incident Energy (eV)

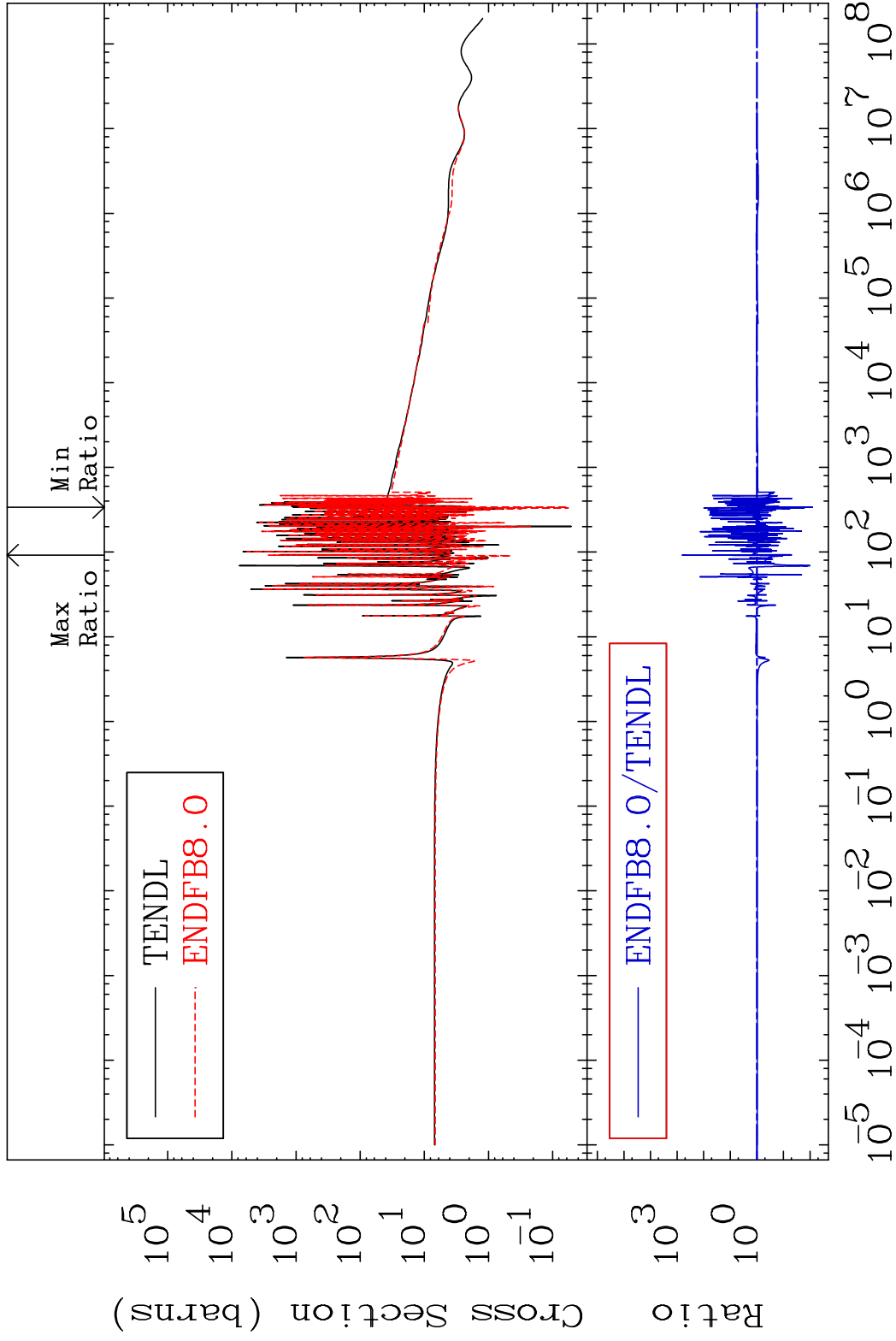
72-Hf-179

MAT 7240

Elastic

72-Hf-179

Cross Section -99.20 To 9999. %

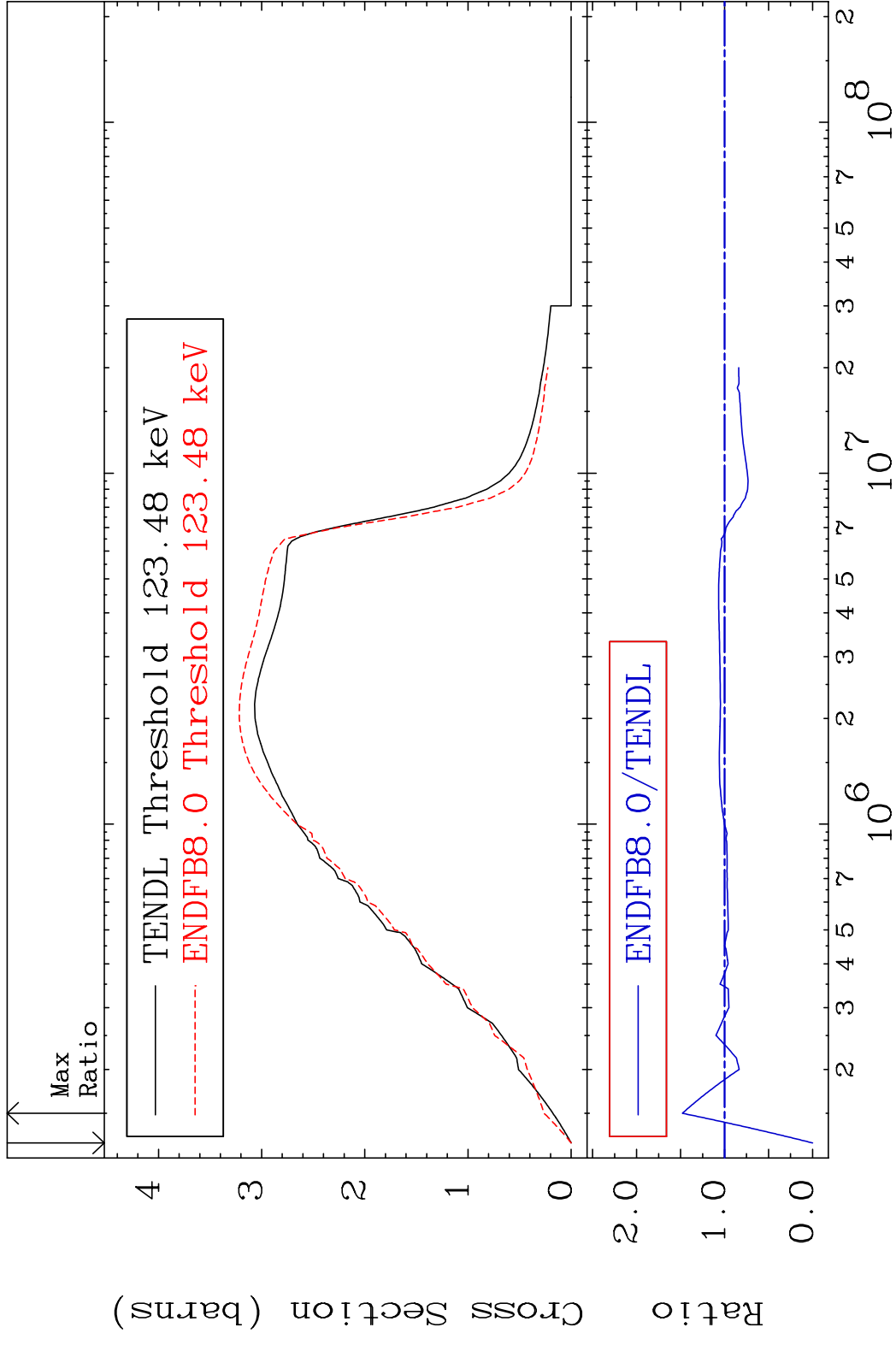


2

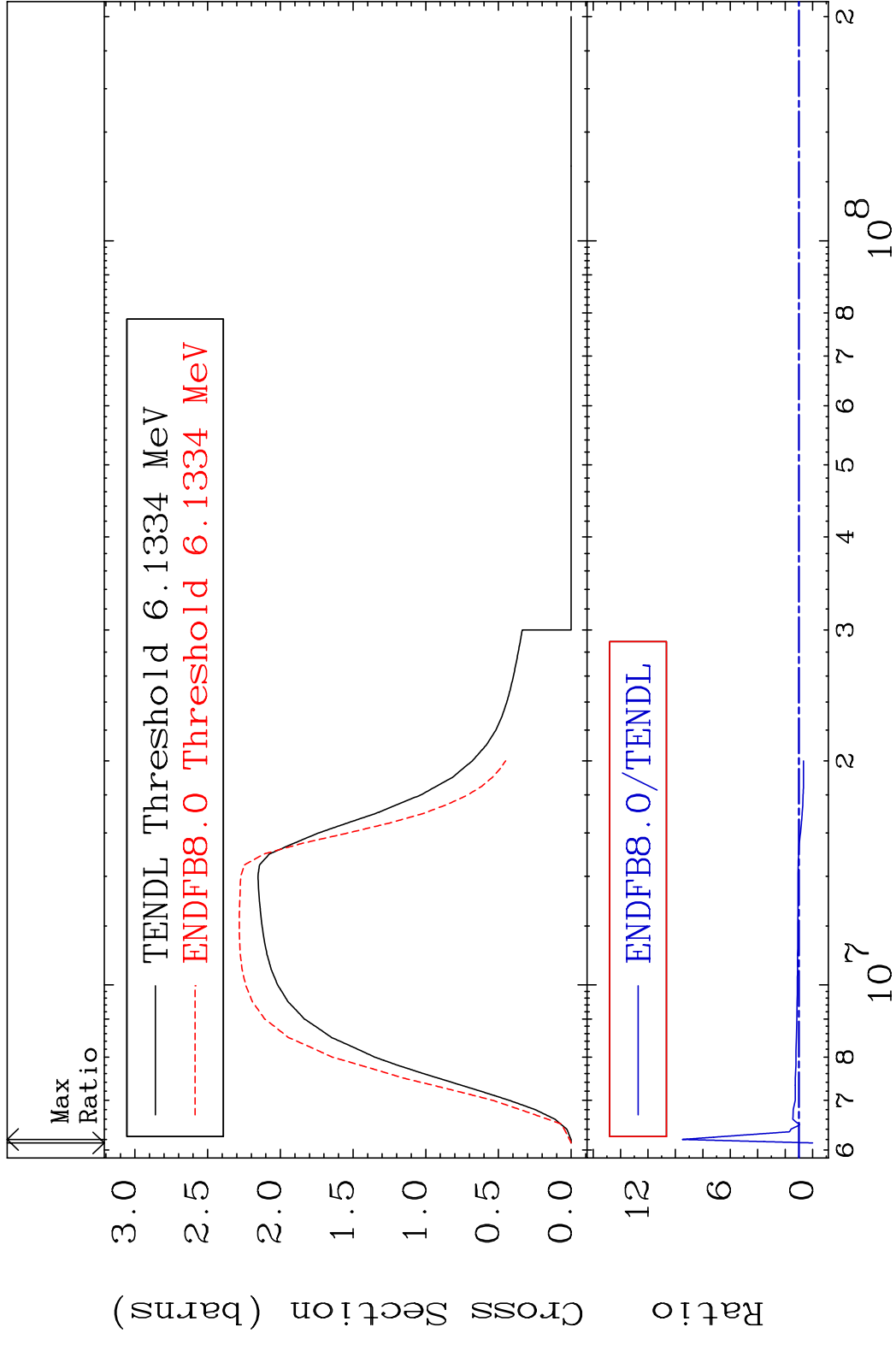
Incident Energy (eV)

72-Hf-179

MAT 7240 Inelastic 72-Hf-179
 Cross Section -100.0 To 48.02 %



MAT 7240 (n,2n) 72-Hf-179
 Cross Section -100.0 To 849.4 %



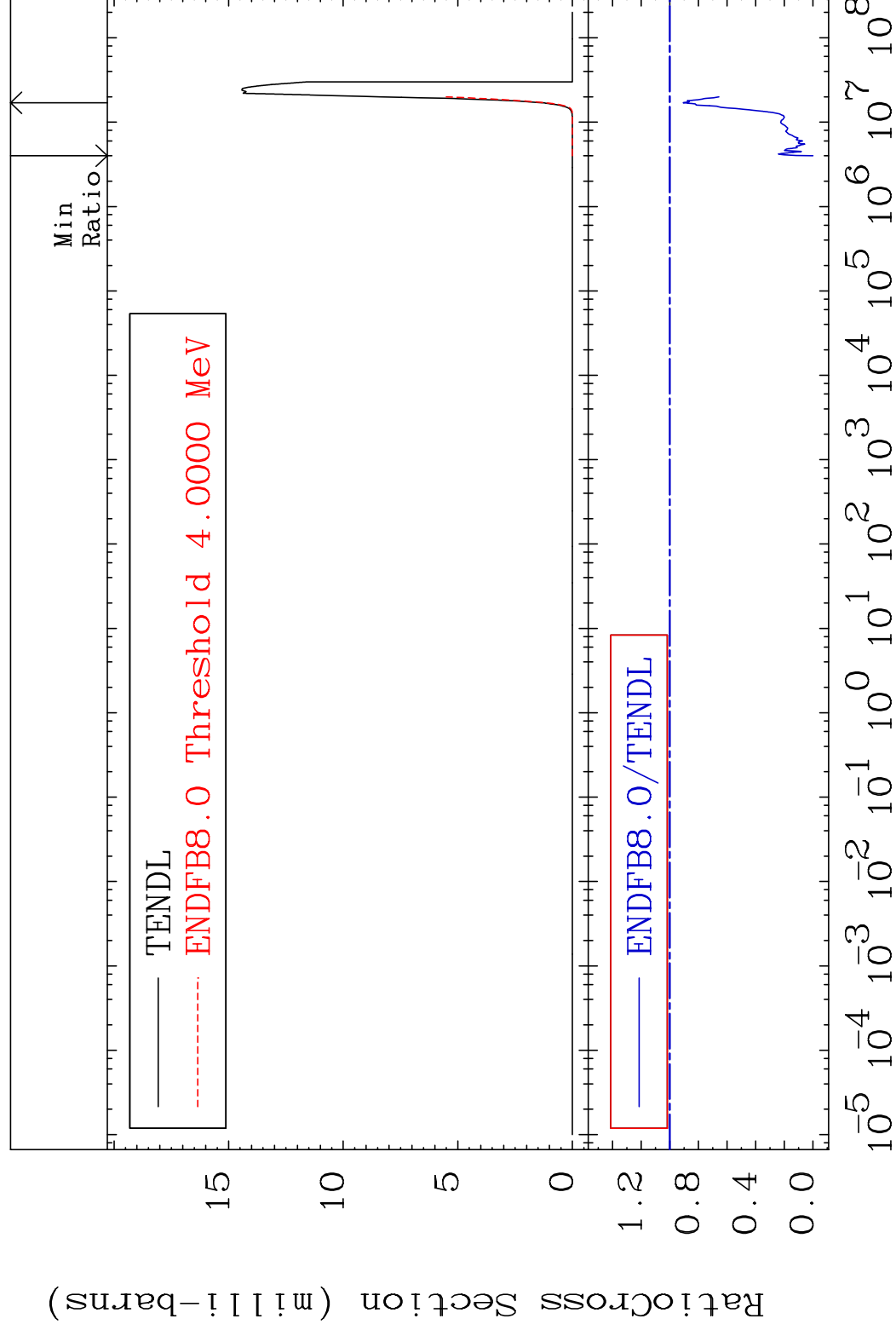
4 Incident Energy (eV) 72-Hf-179

MAT 7240

(n, n') α

72-Hf-179

Cross Section -100.0 To -9.358%

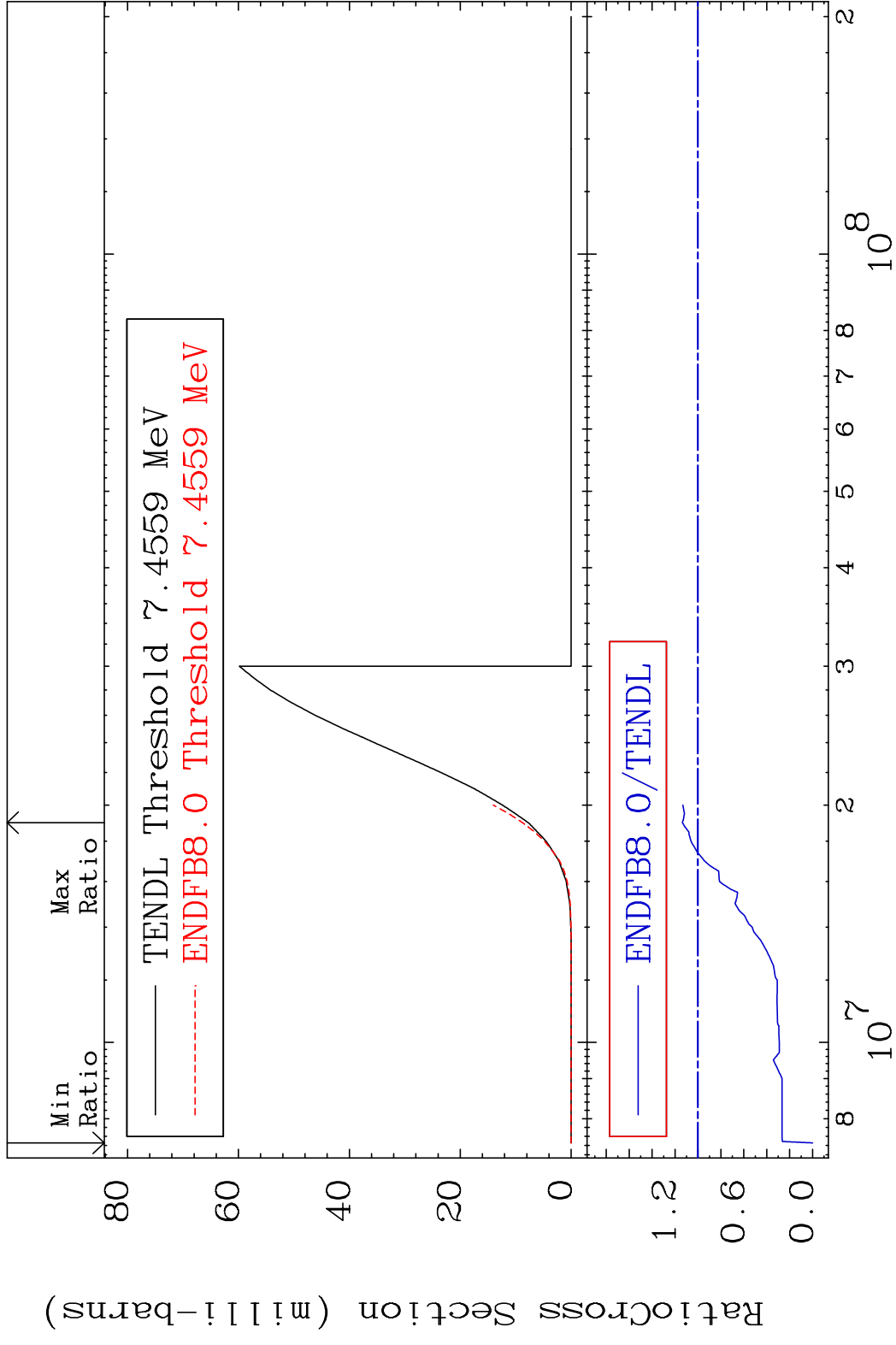


6

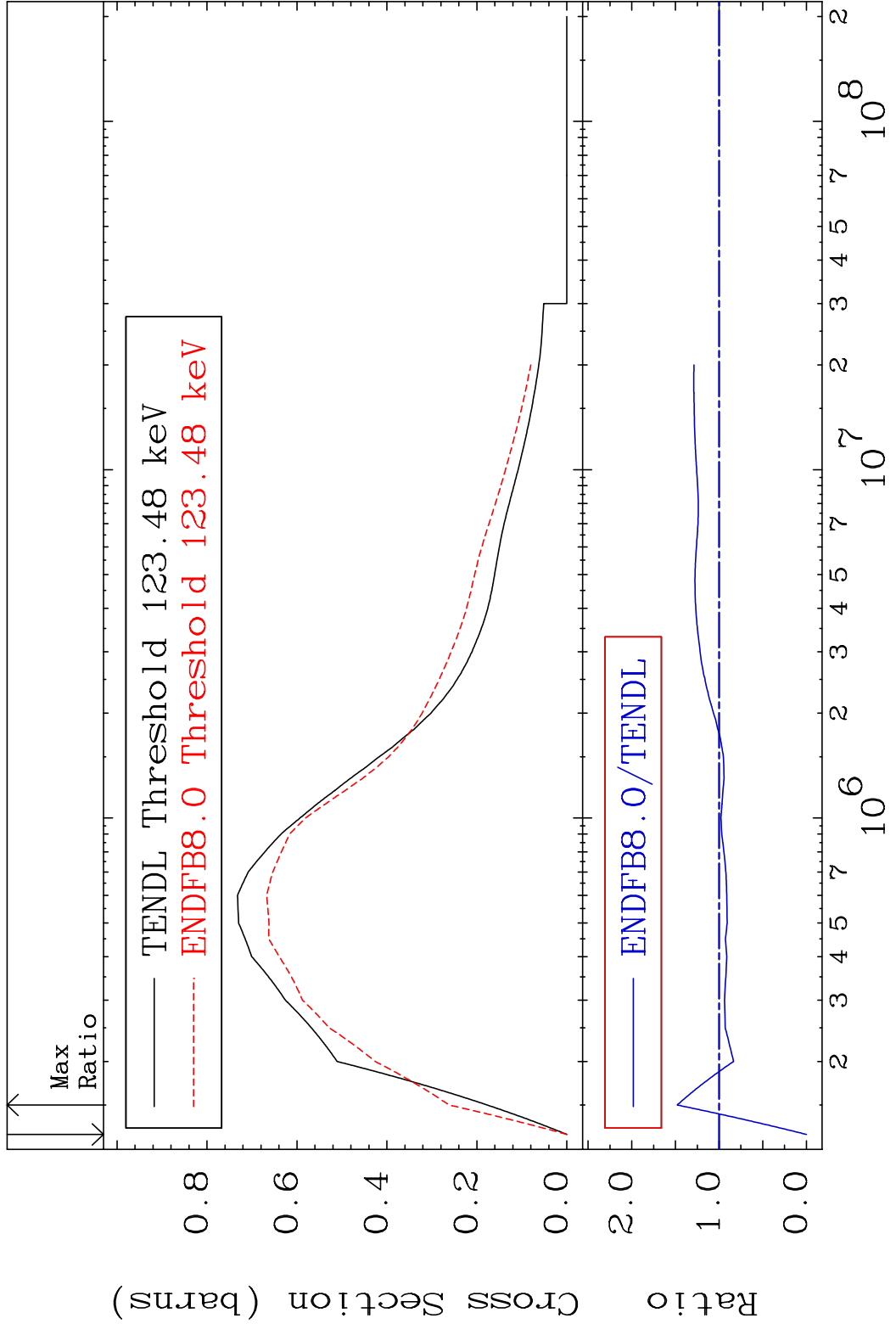
Incident Energy (eV)

72-Hf-179

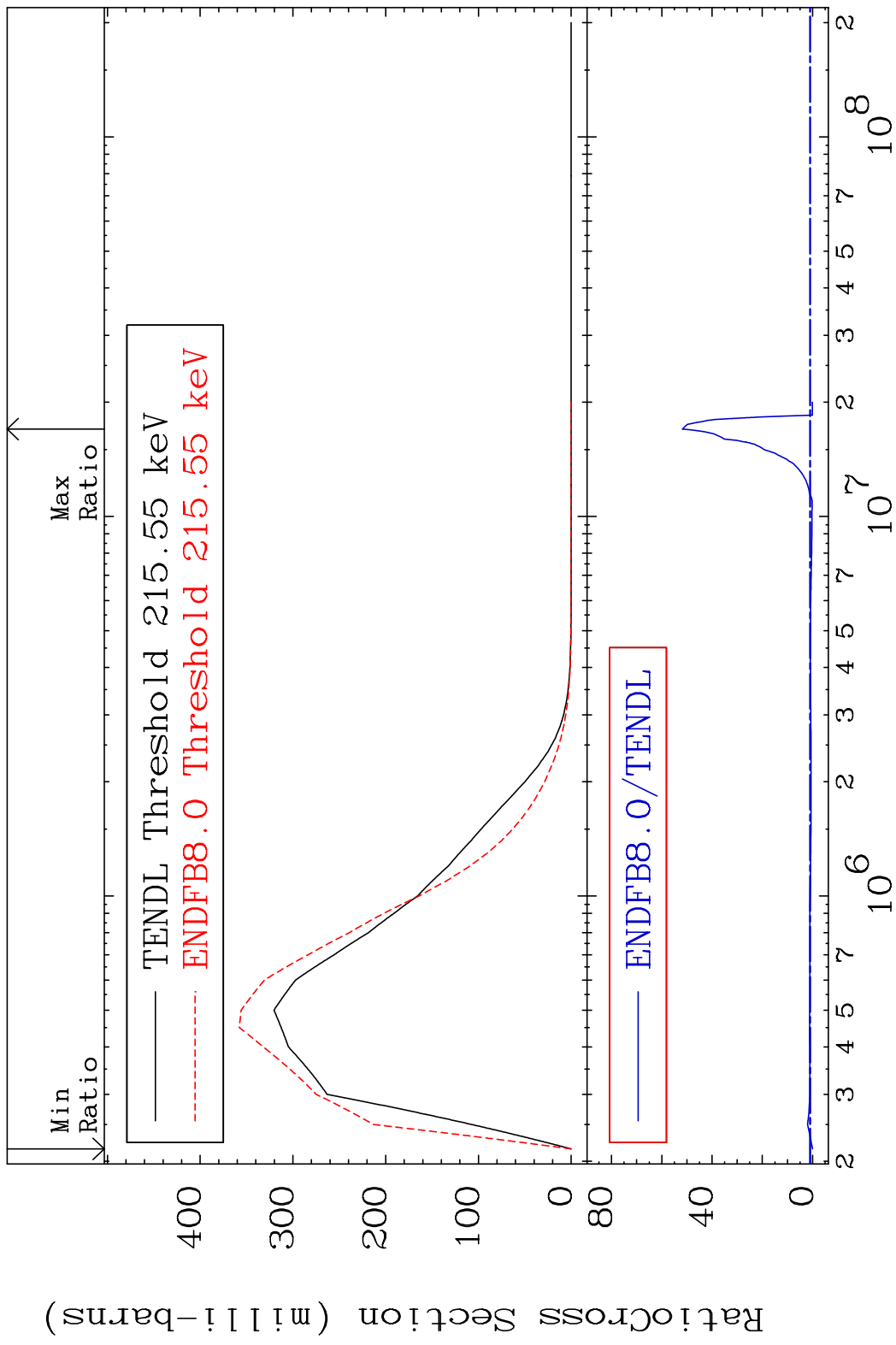
MAT 7240 (n, n') p 72-Hf-179
 Cross Section -100.0 To 13.64 %



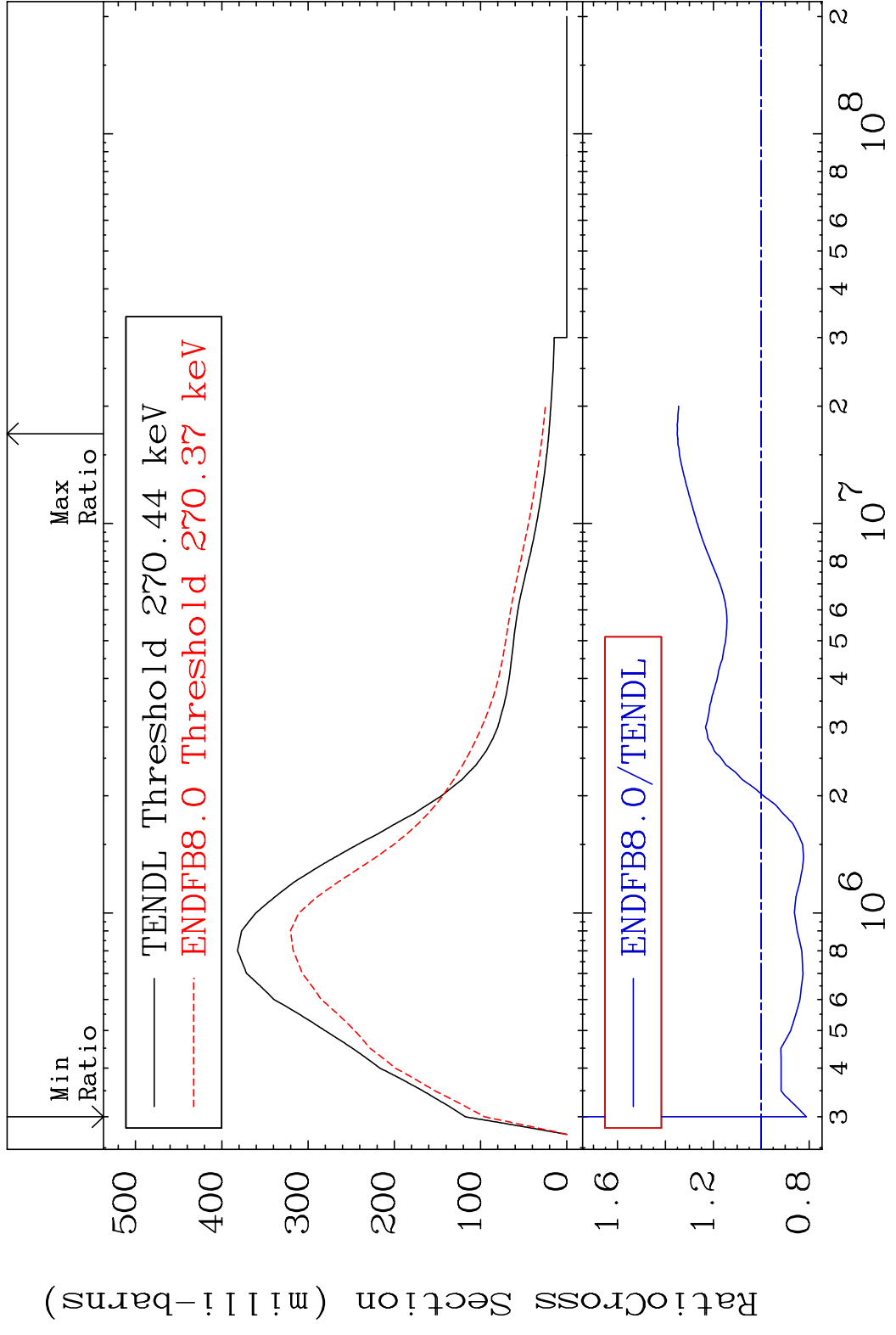
MAT 7240 MT= 51 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 48.02 %



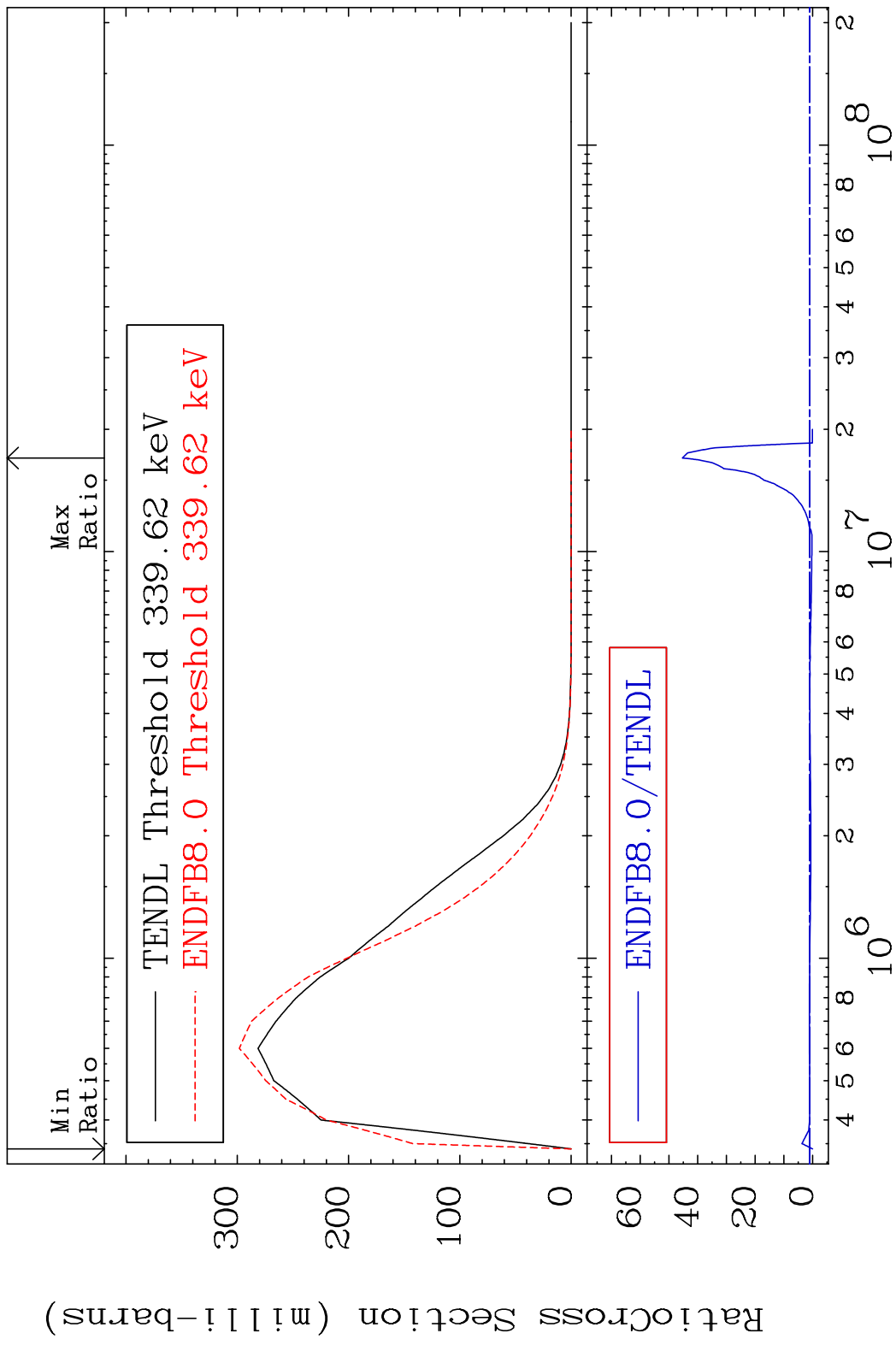
MAT 7240 MT= 52 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 5082. %



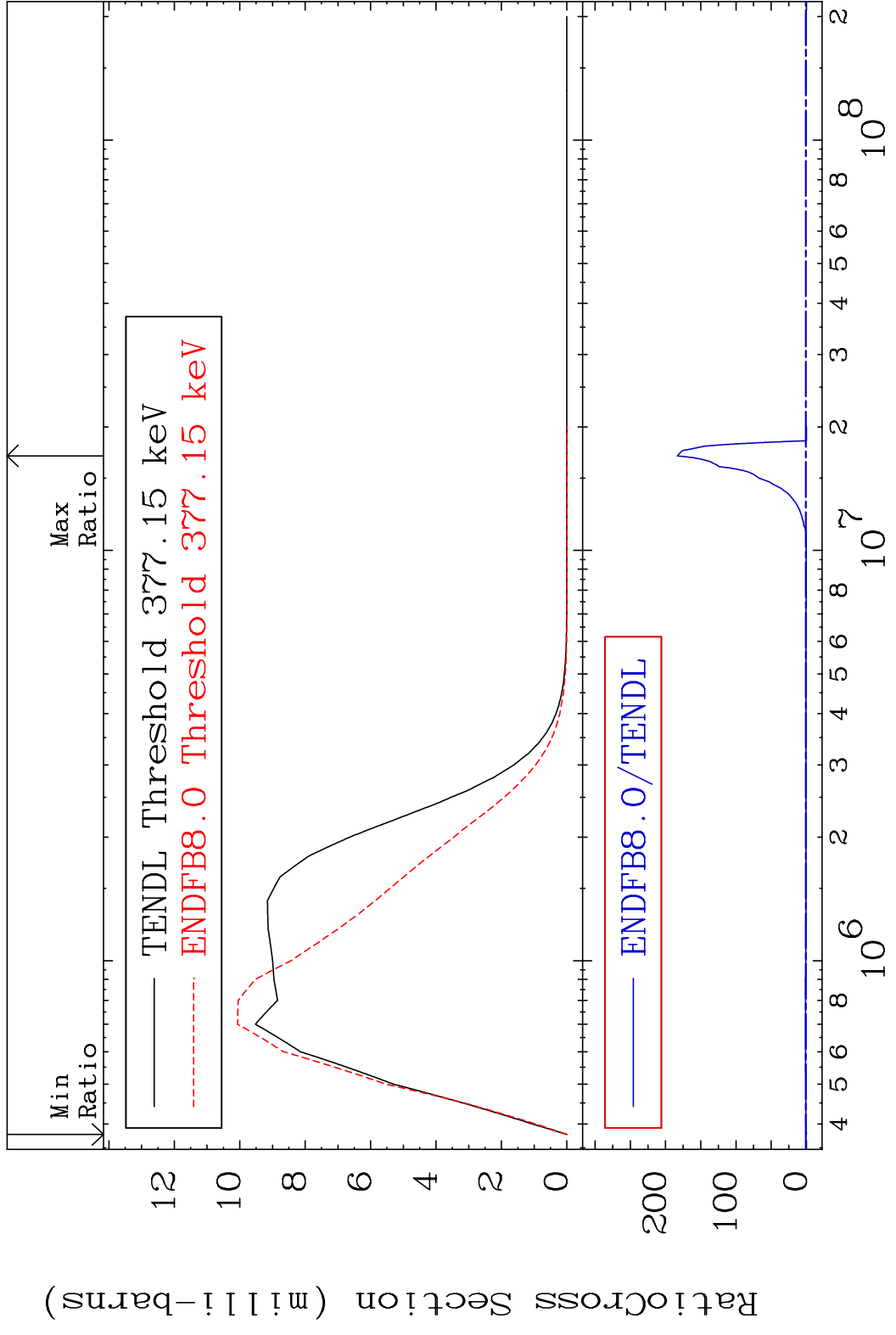
MAT 7240 MT= 53 (n, n') Level 72-Hf-179
 Cross Section -18.85 To 35.09 %



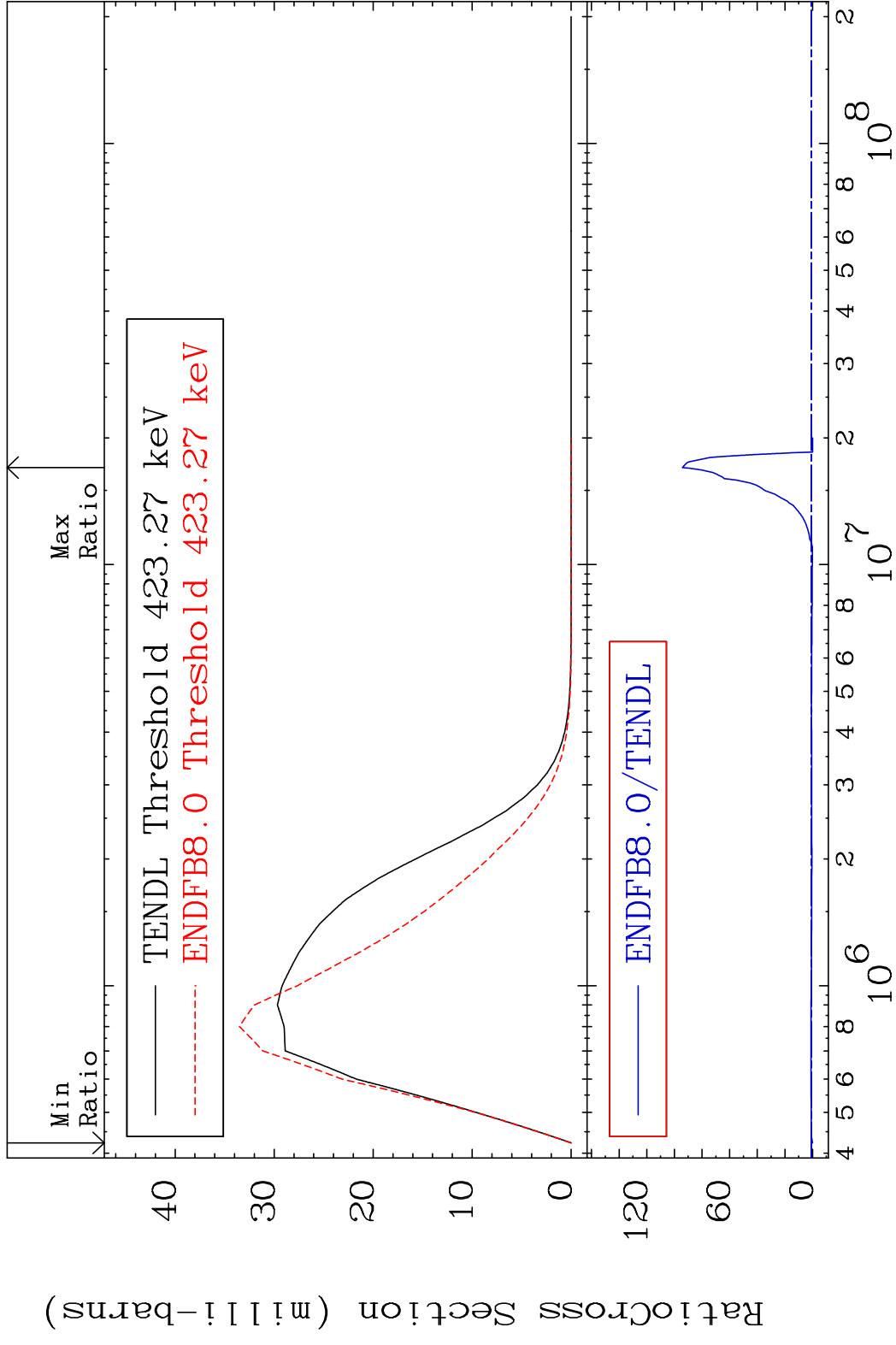
MAT 7240 MT= 54 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 4431. %



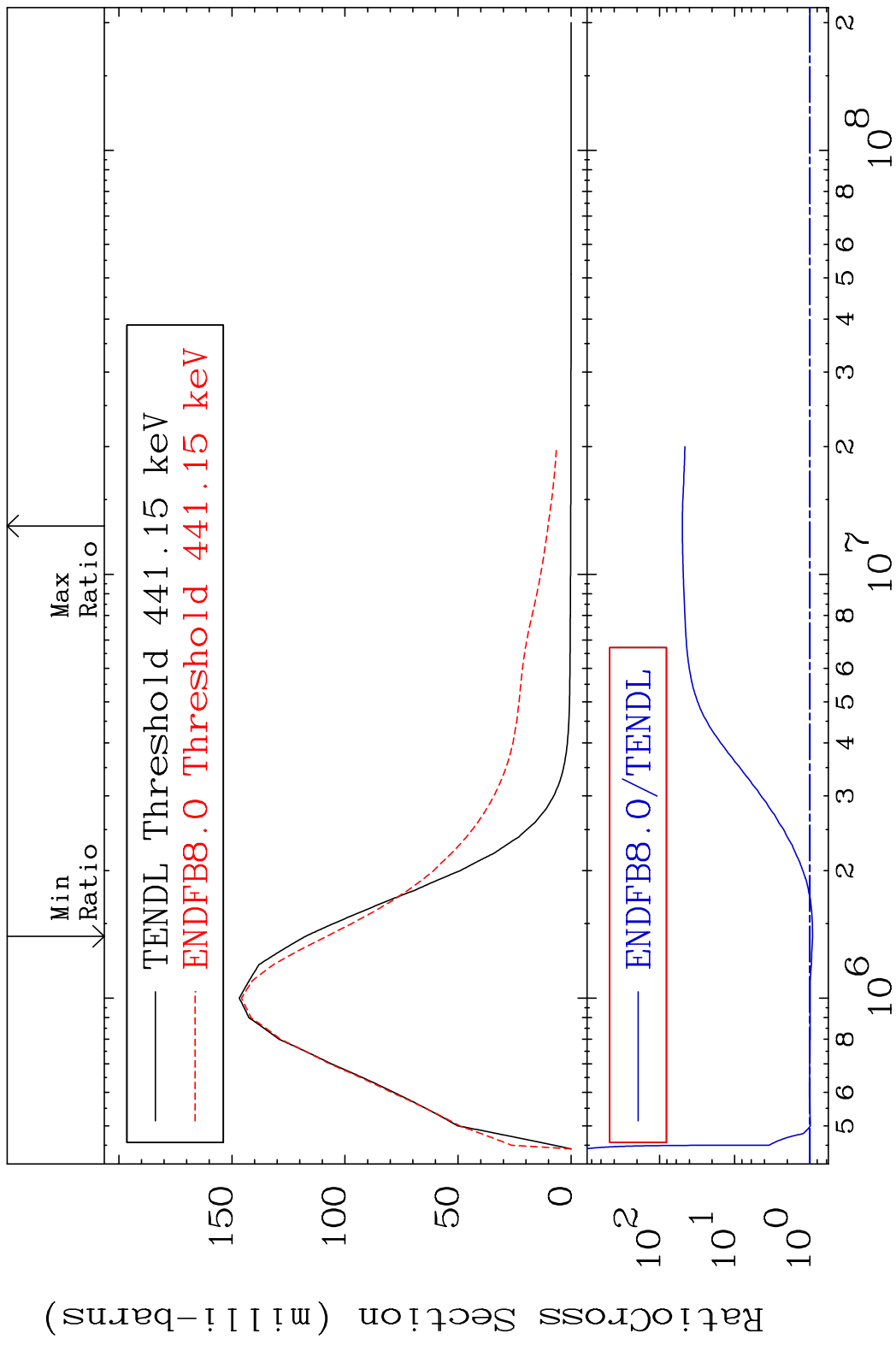
MAT 7240 MT= 55 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9999. %



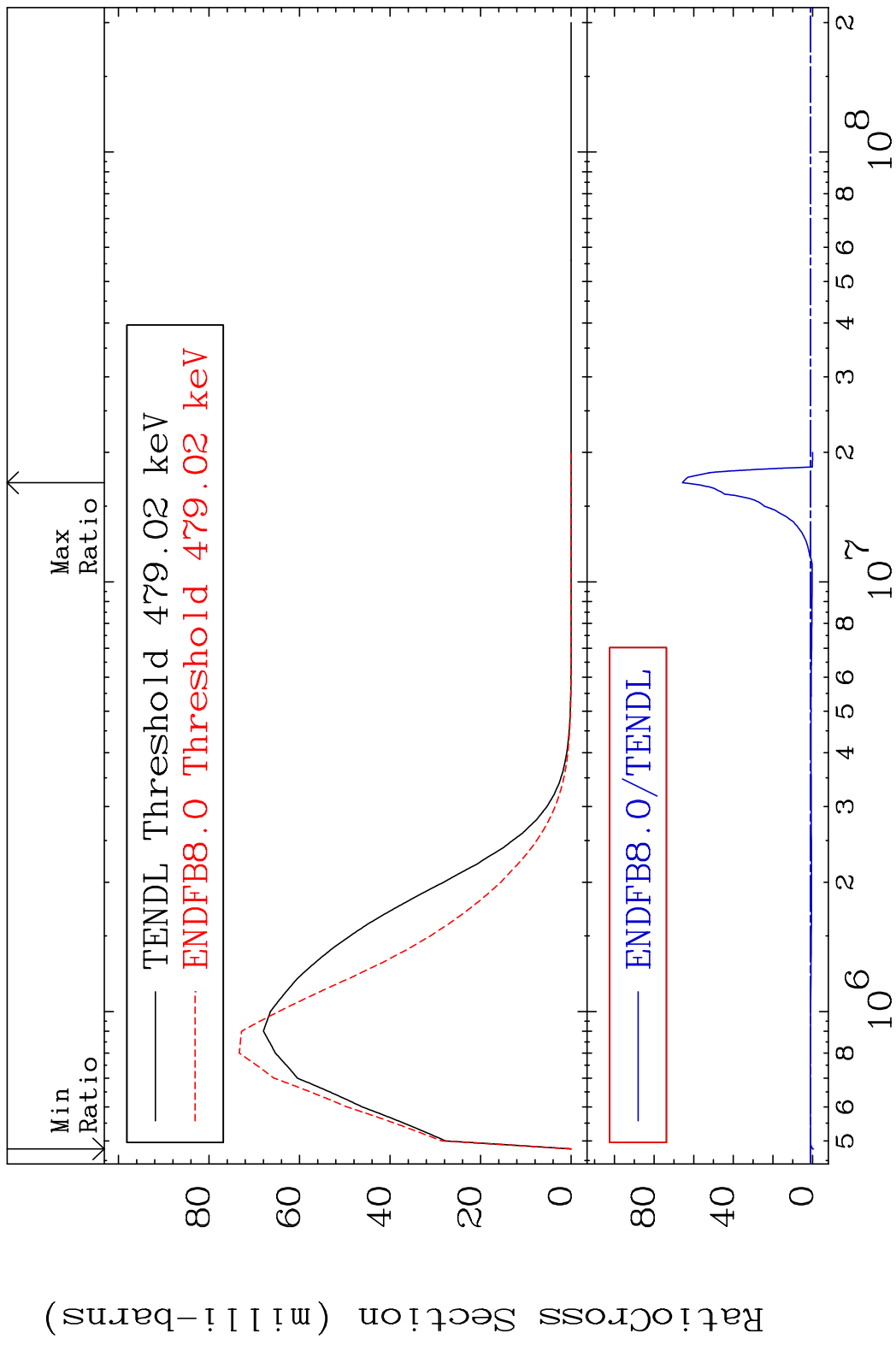
MAT 7240 MT= 56 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9323. %



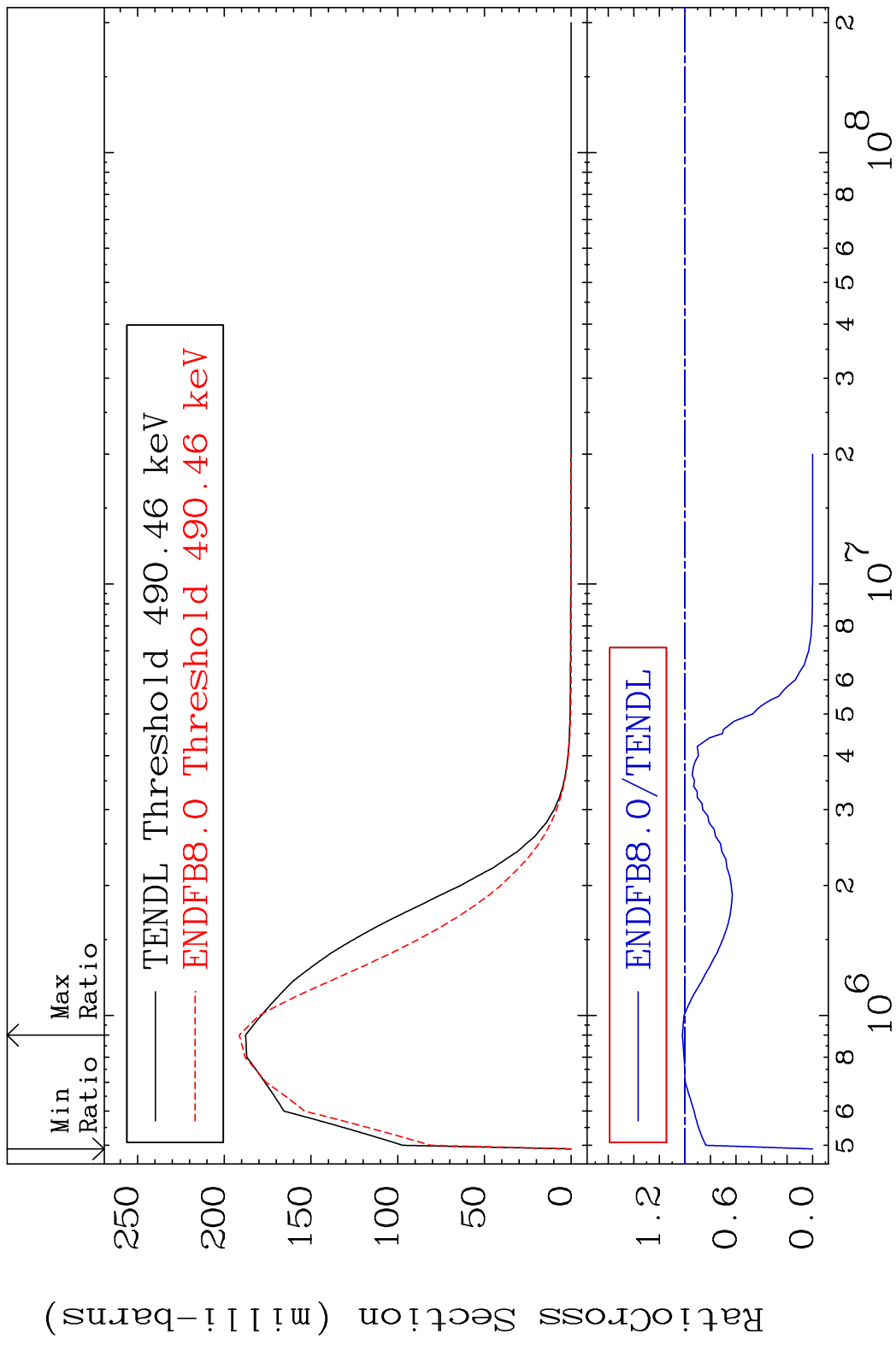
MAT 7240 MT= 57 (n, n') Level 72-Hf-179
 Cross Section -8.039 To 4869. %



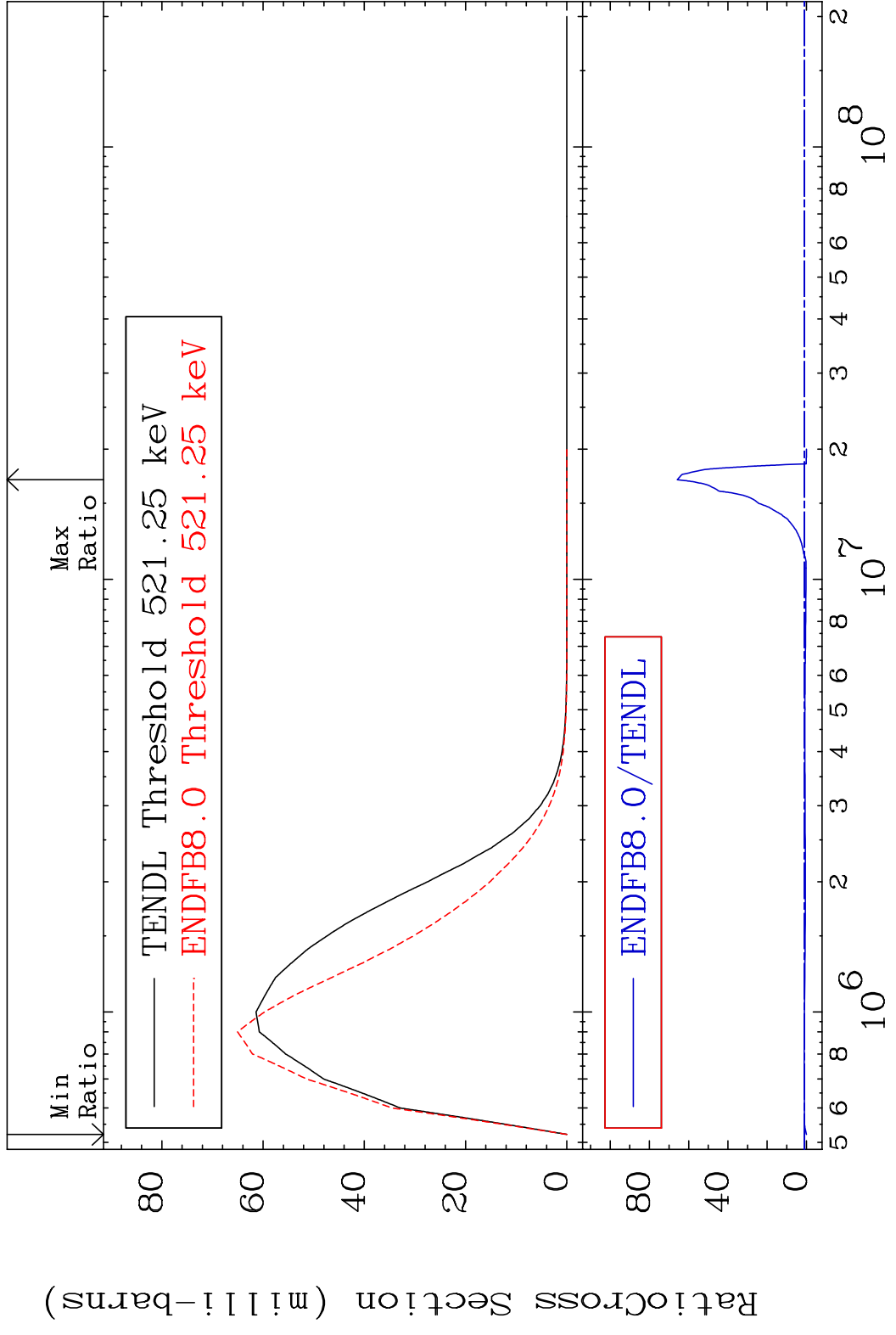
MAT 7240 MT= 58 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 6473. %



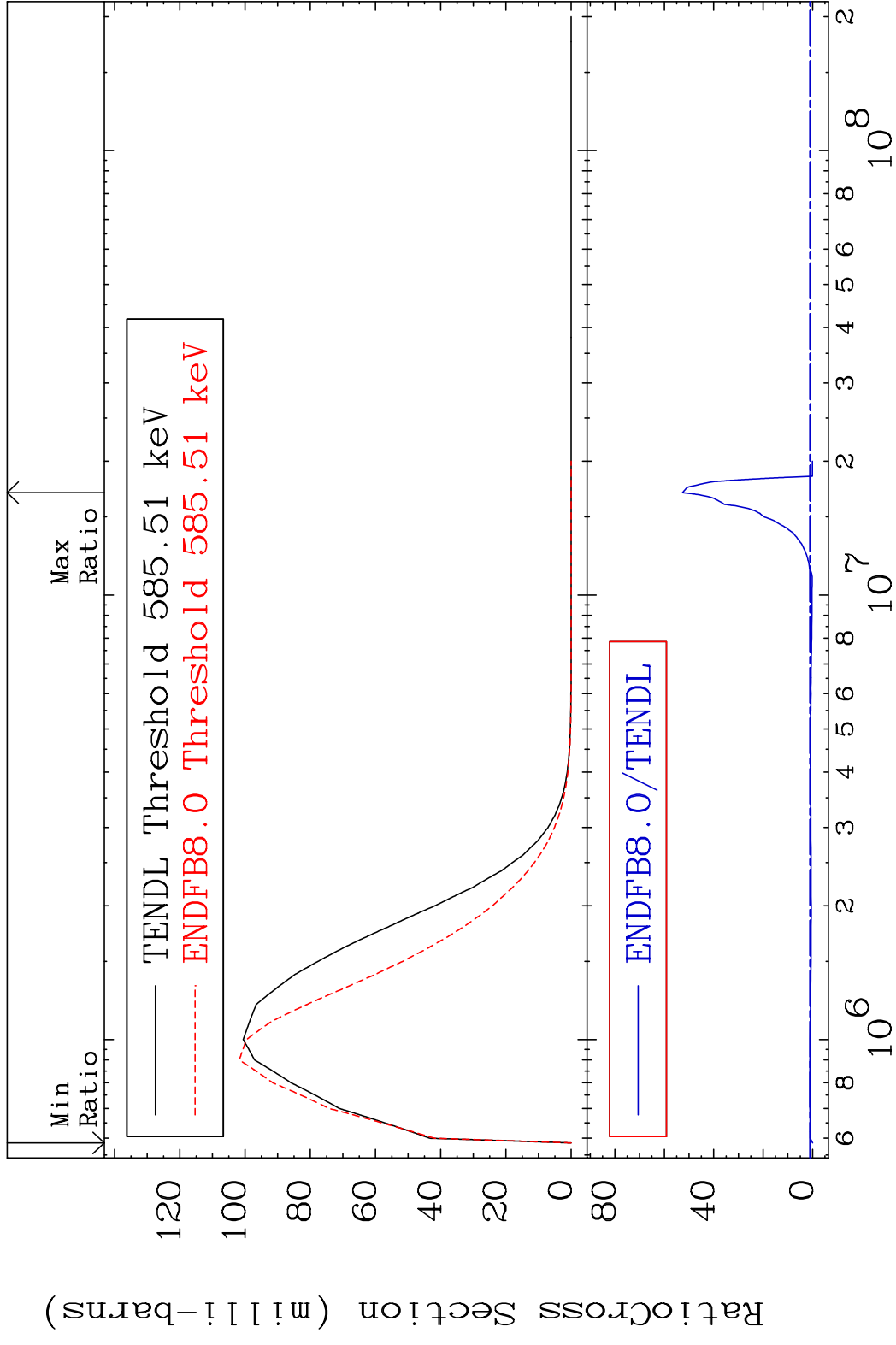
MAT 7240 MT= 59 (n,n') Level 72-Hf-179
 Cross Section -100.0 To 1.921 %



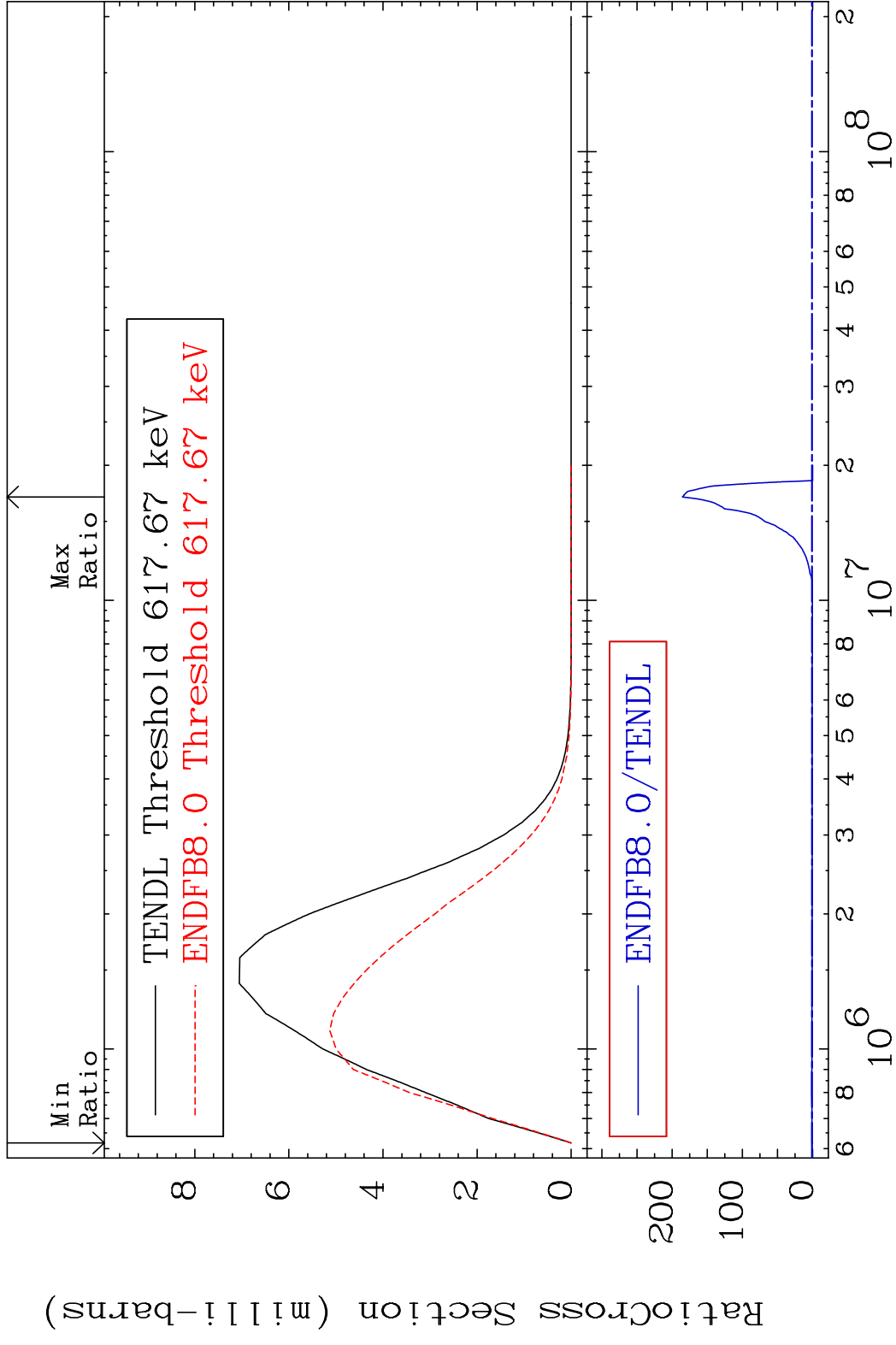
MAT 7240 MT= 60 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 6485. %



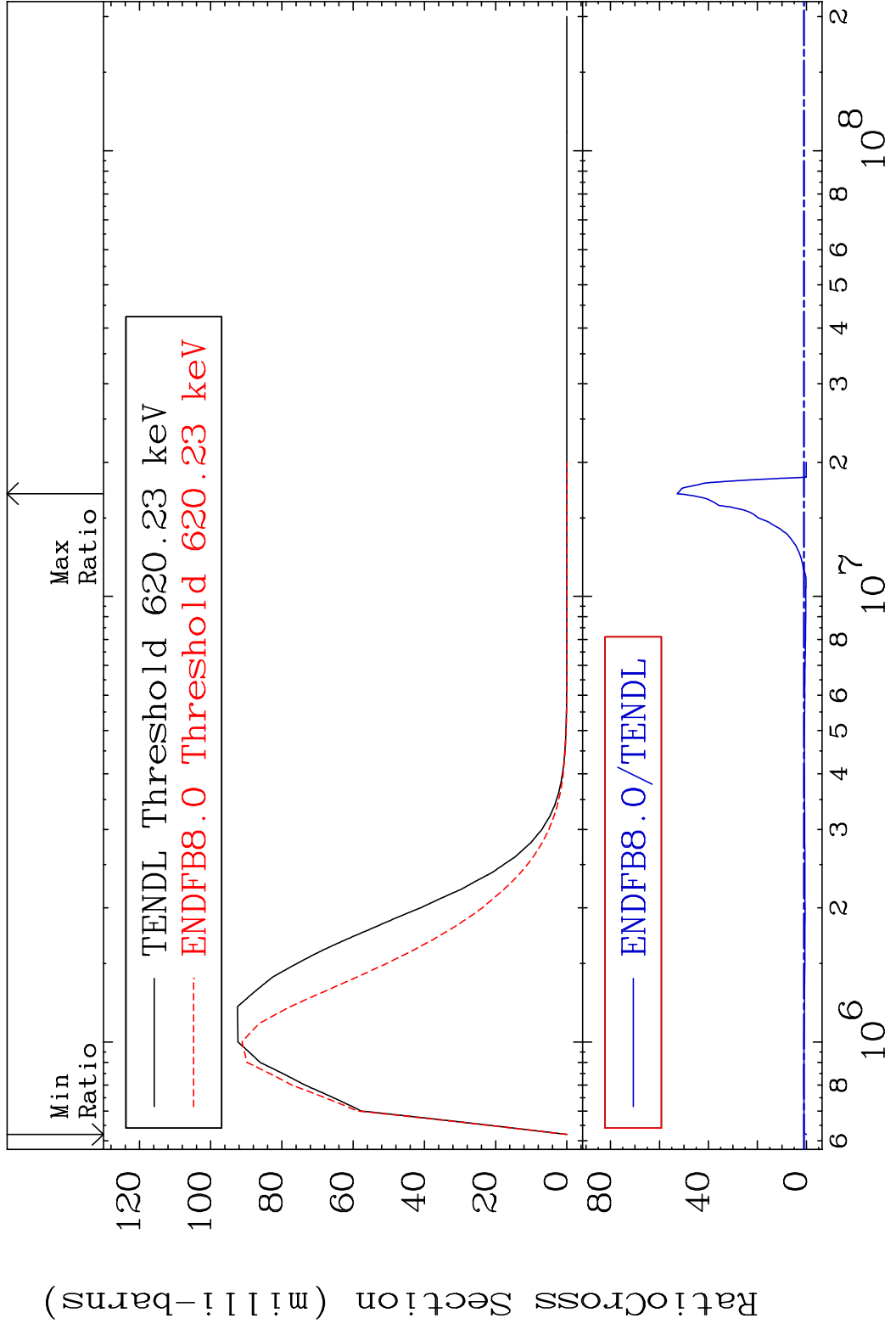
MAT 7240 MT= 61 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 5169. %



MAT 7240 MT= 62 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9999. %

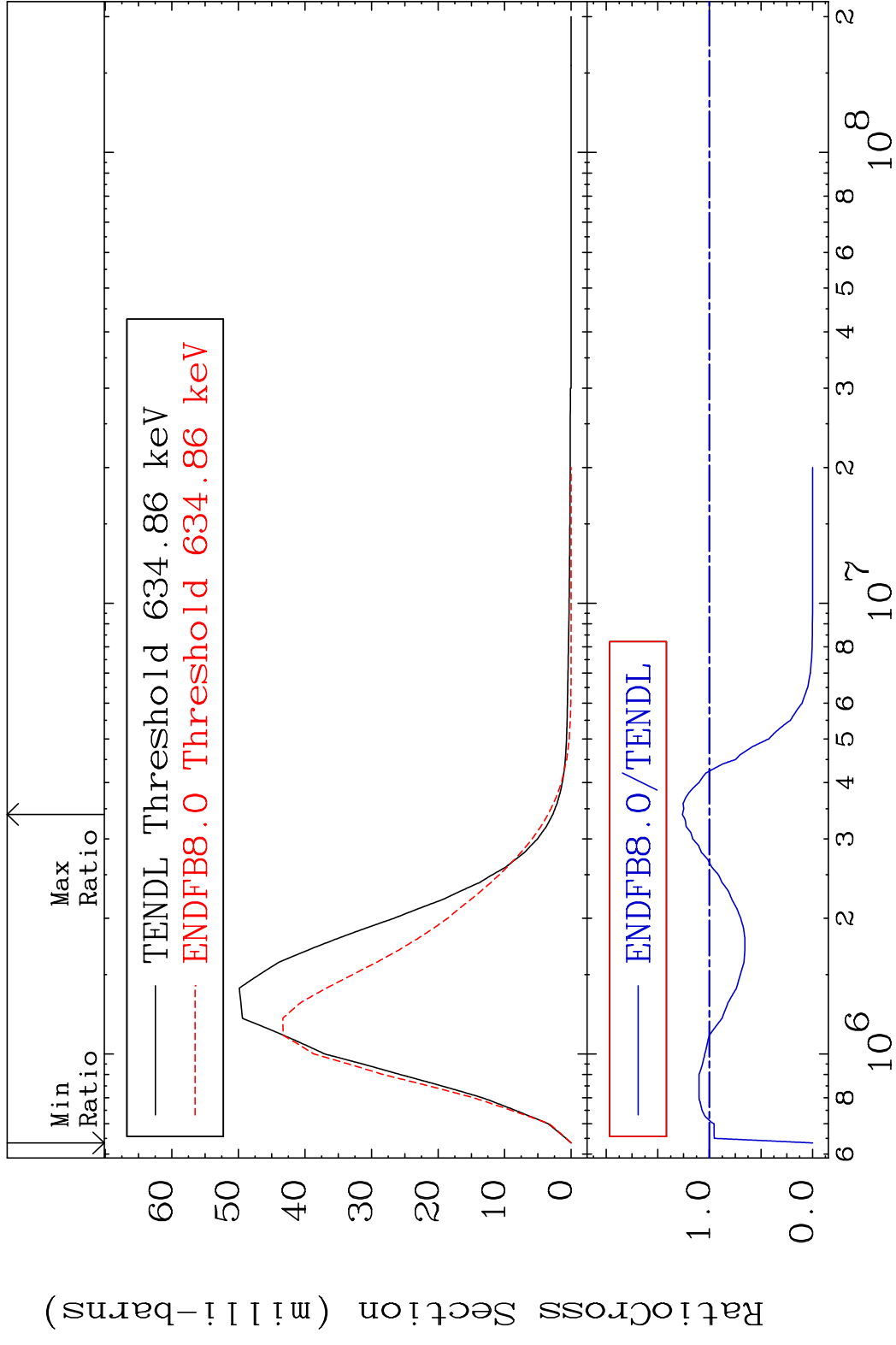


MAT 7240 MT= 63 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 5177. %

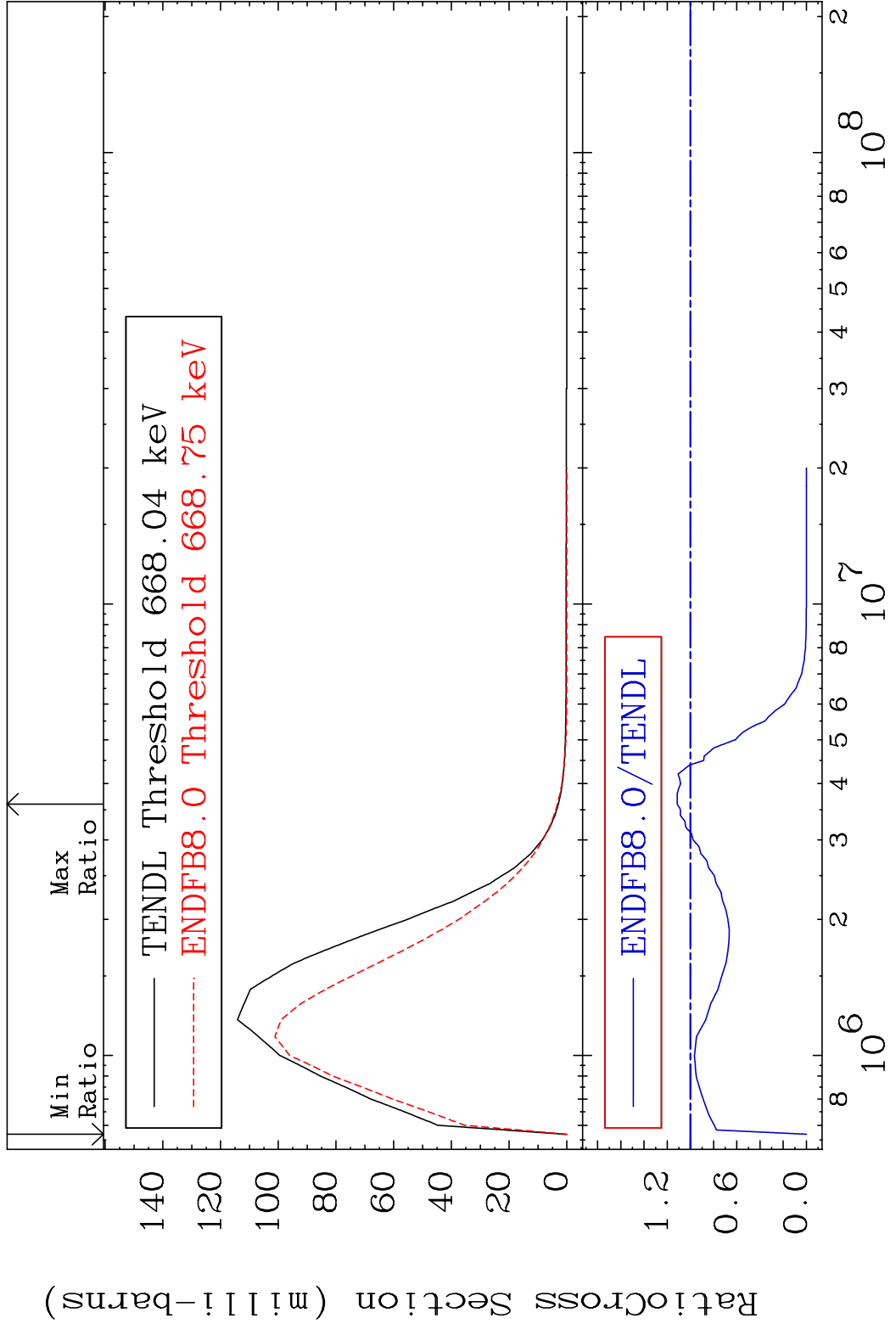


20 Incident Energy (eV) 72-Hf-179

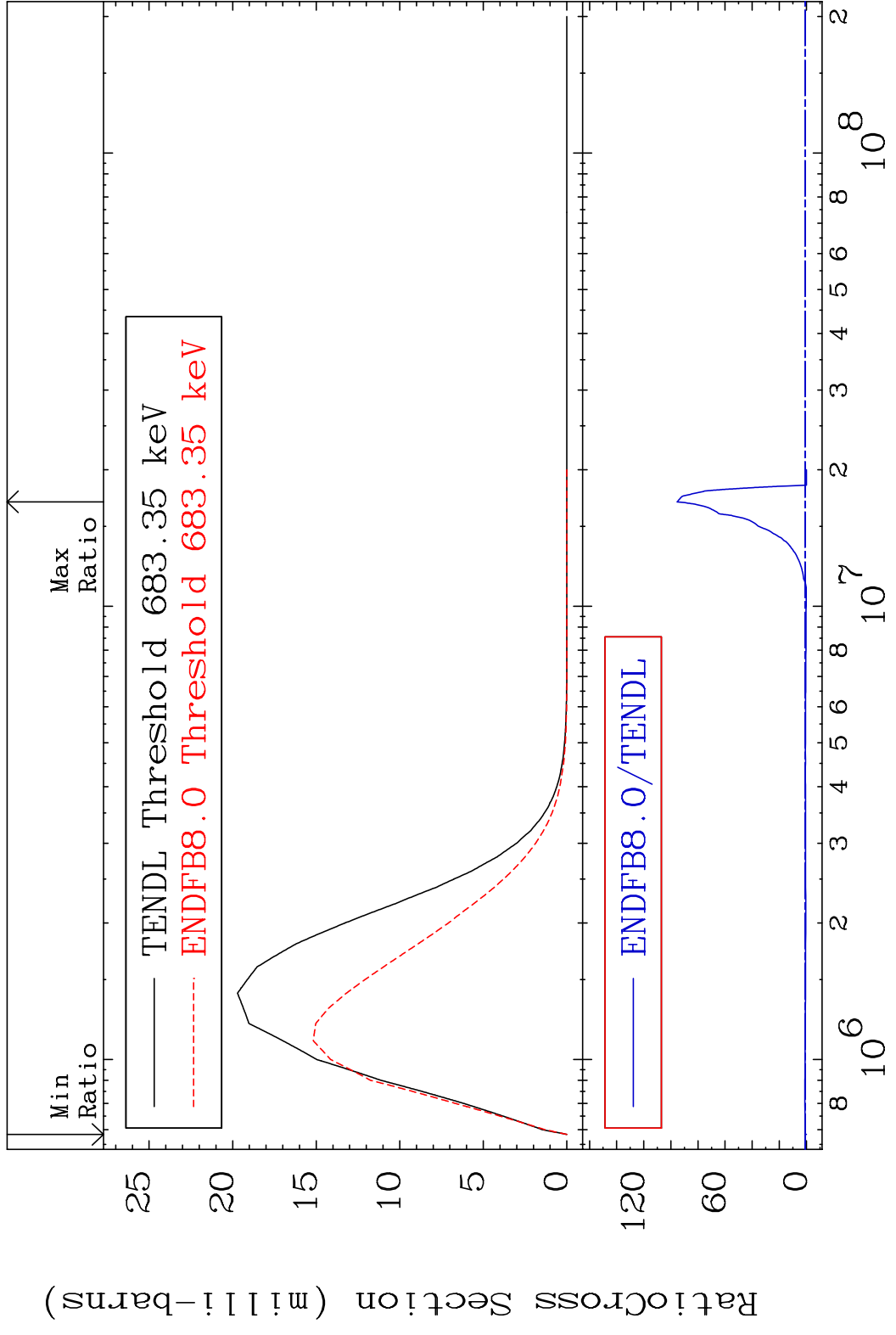
MAT 7240 MT= 64 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 26.21 %



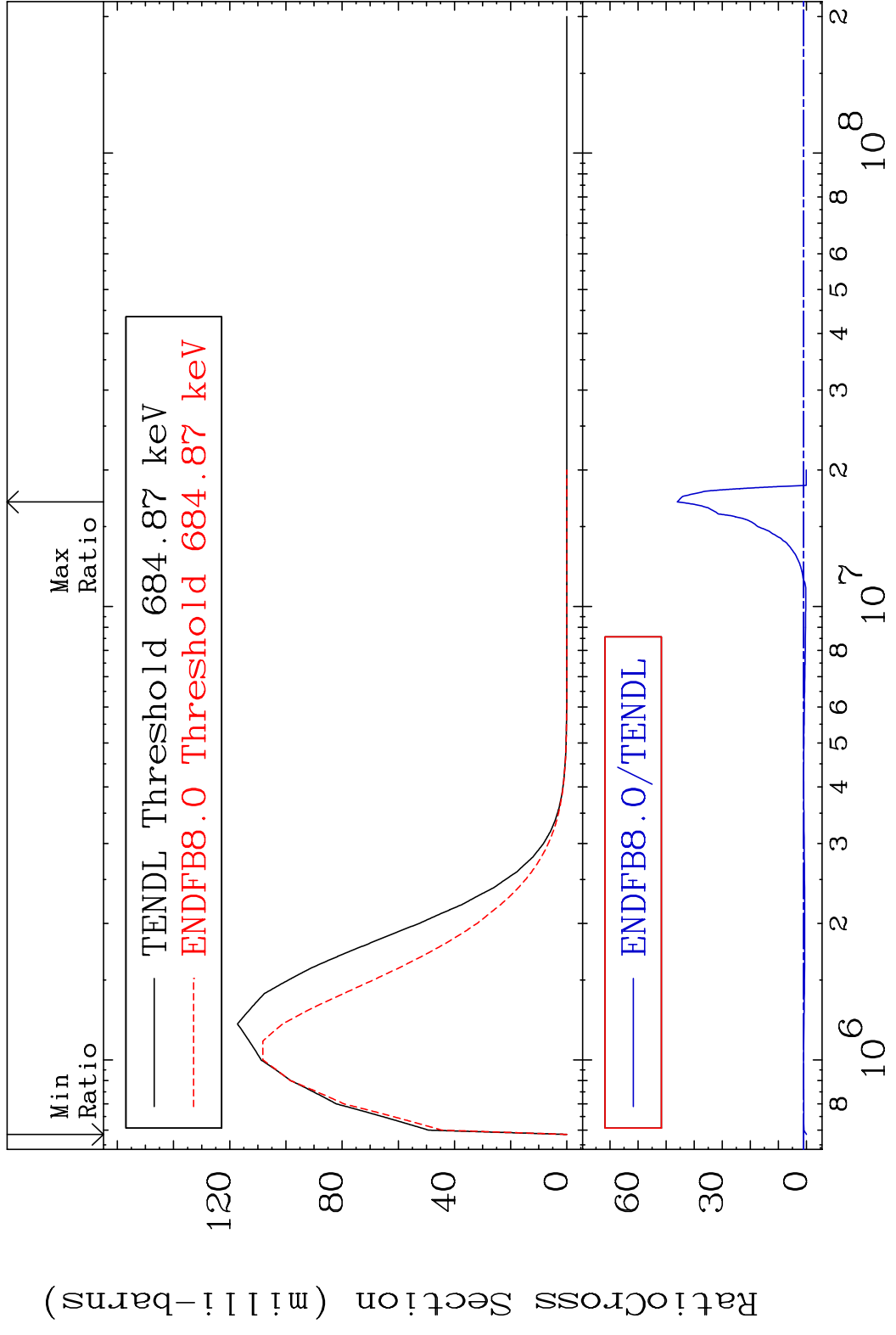
MAT 7240 MT= 65 (n,n') Level 72-Hf-179
 Cross Section -100.0 To 11.42 %



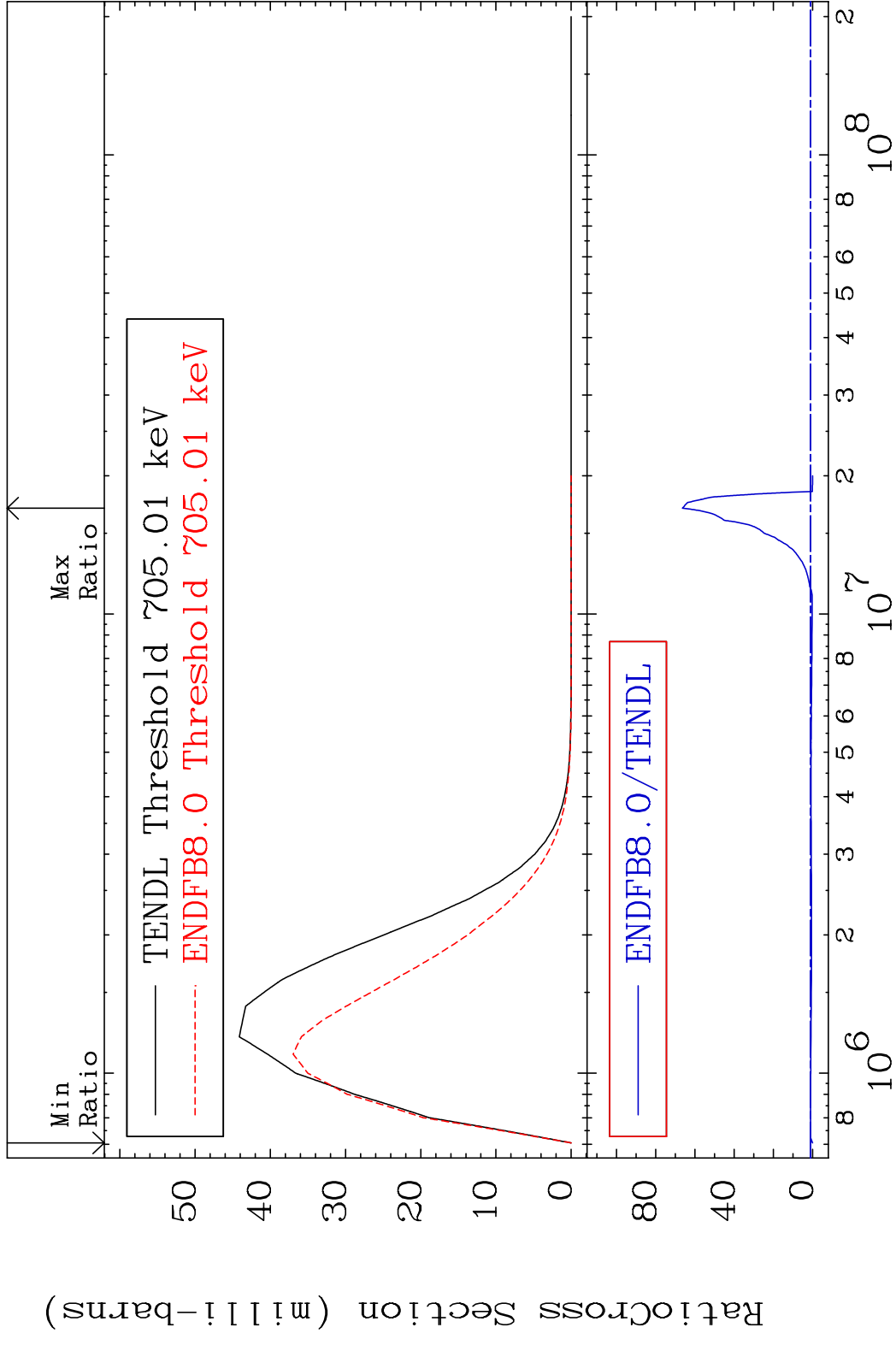
MAT 7240 MT= 66 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9434. %



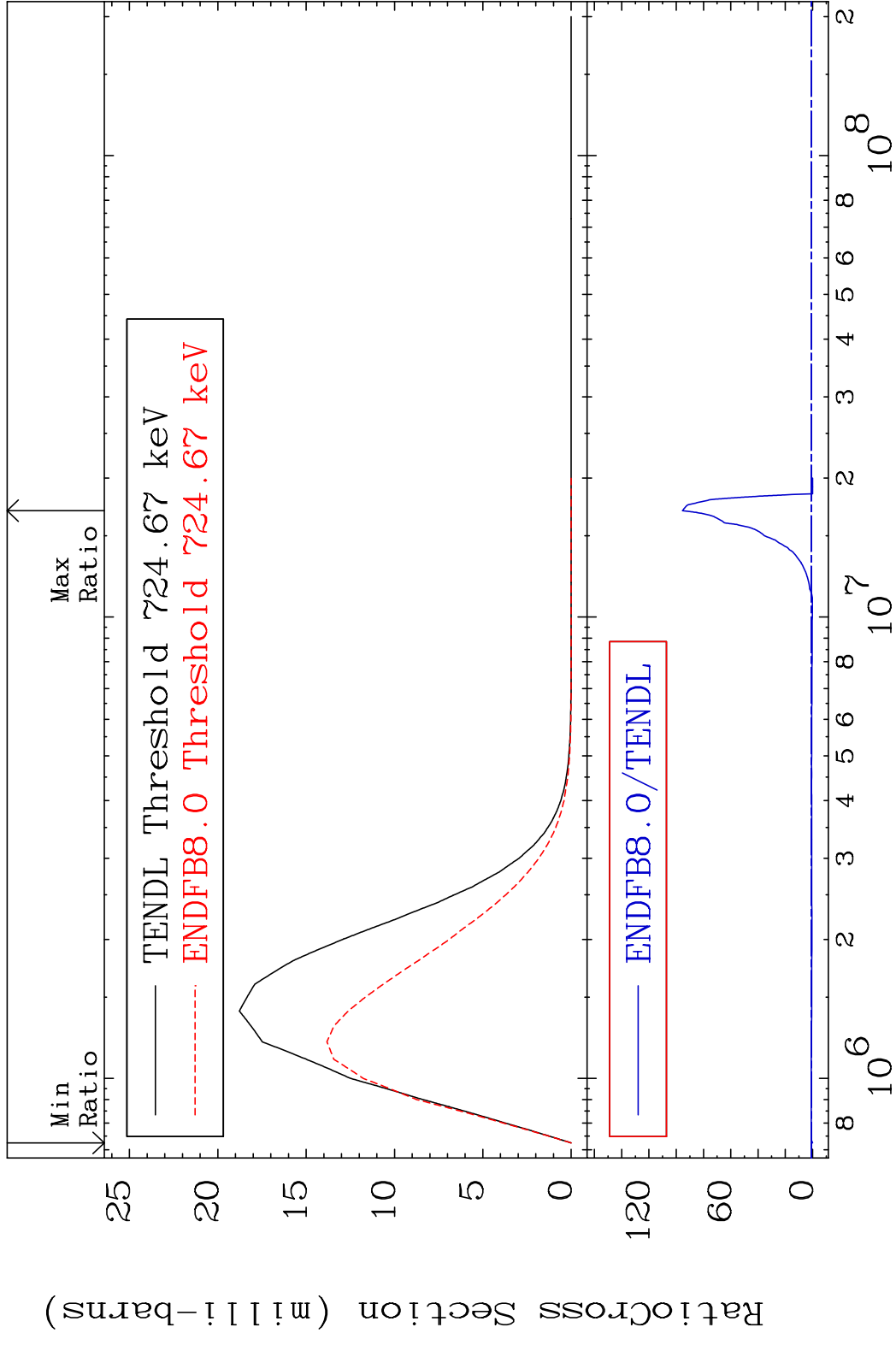
MAT 7240 MT= 67 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 4505. %



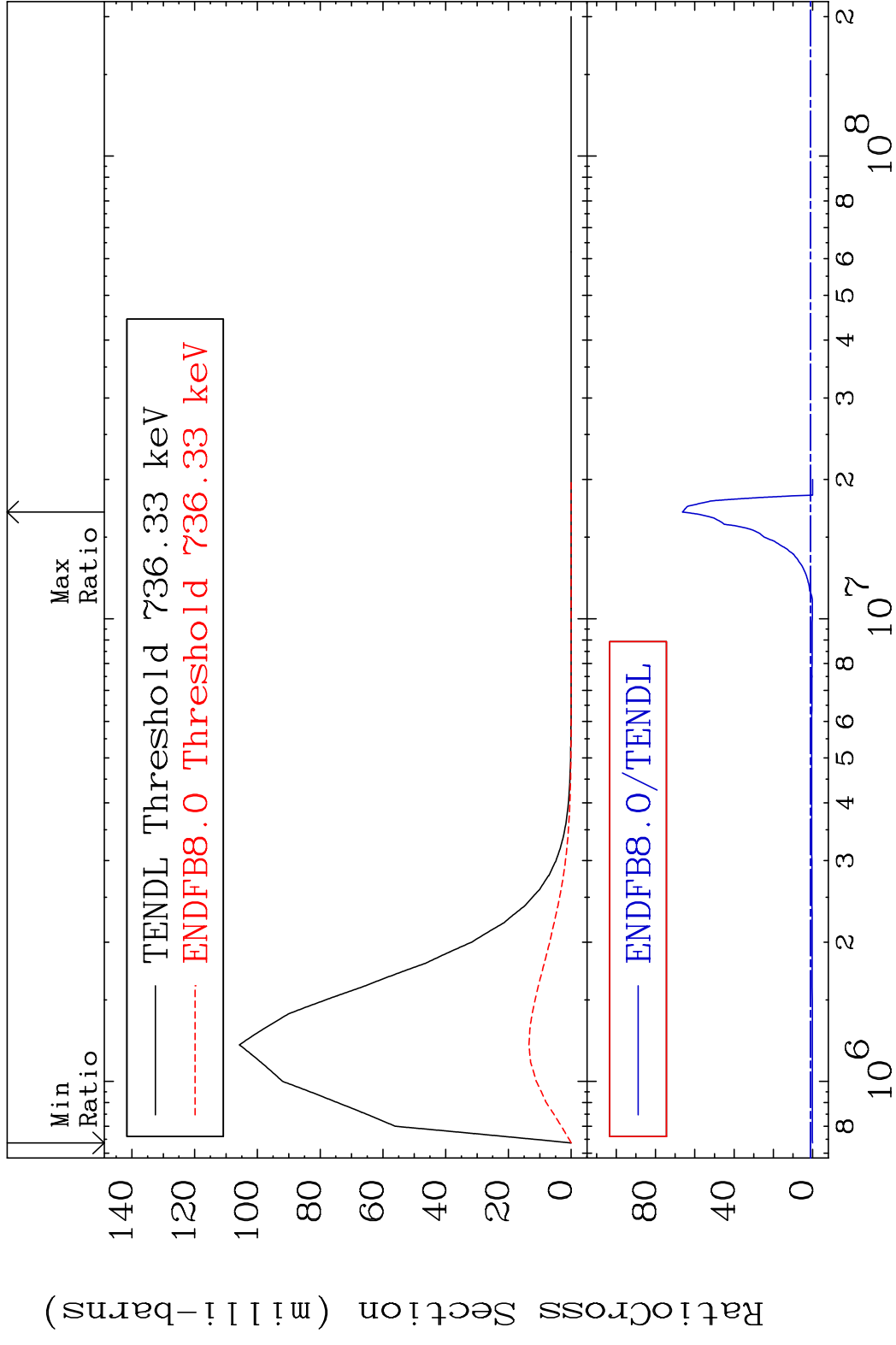
MAT 7240 MT= 68 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 6541. %



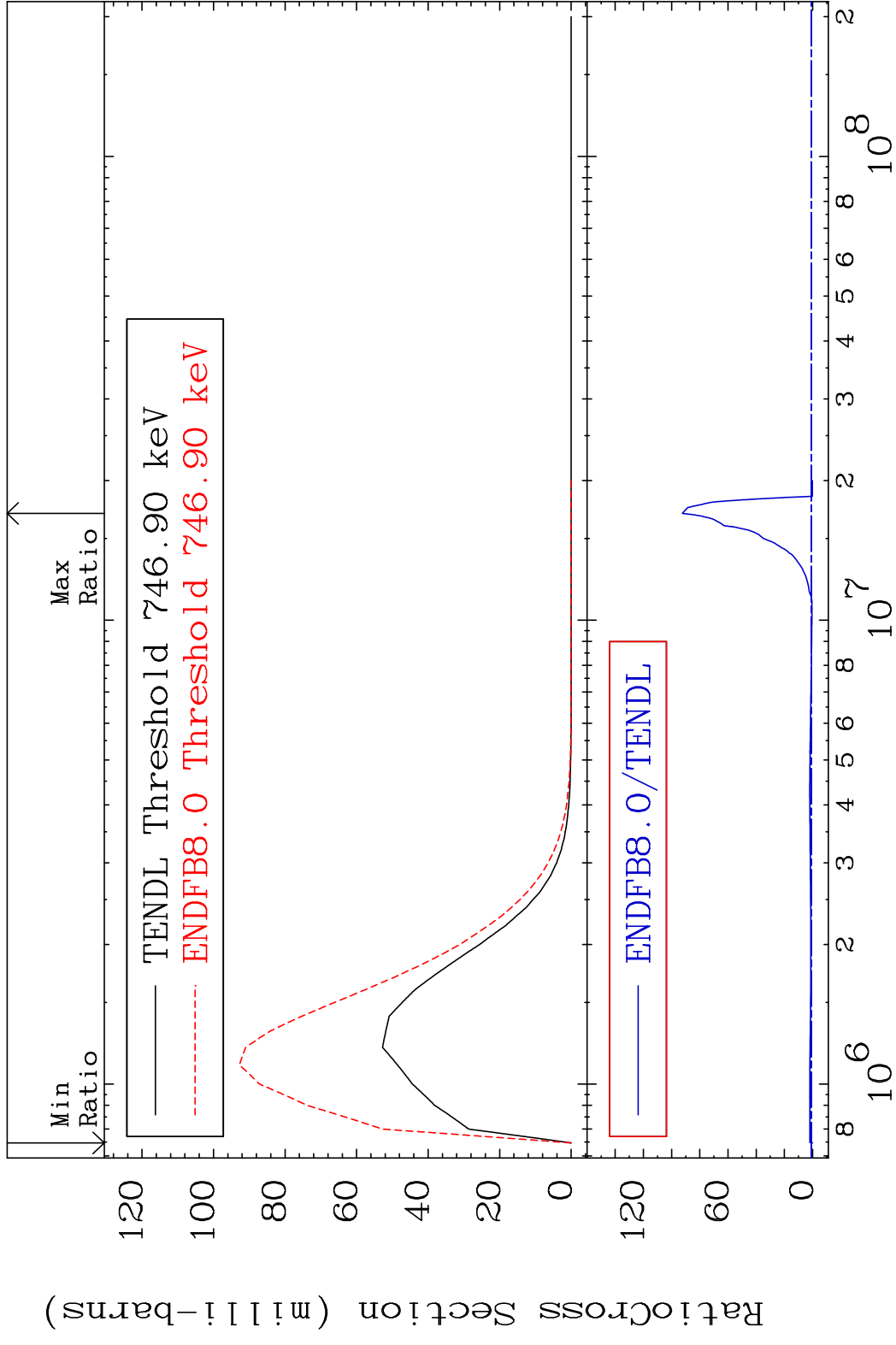
MAT 7240 MT= 69 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9451. %



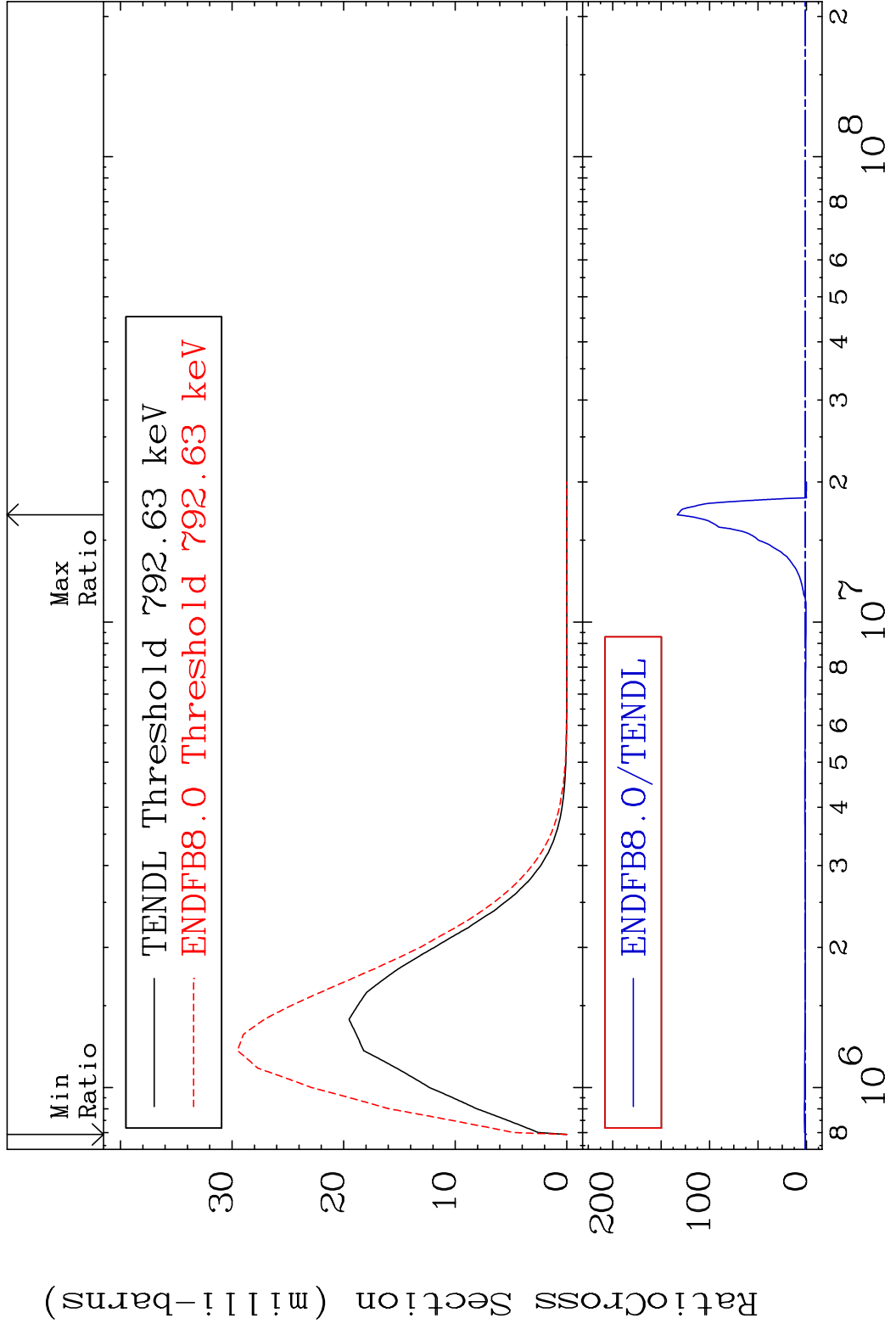
MAT 7240 MT= 70 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 6535. %



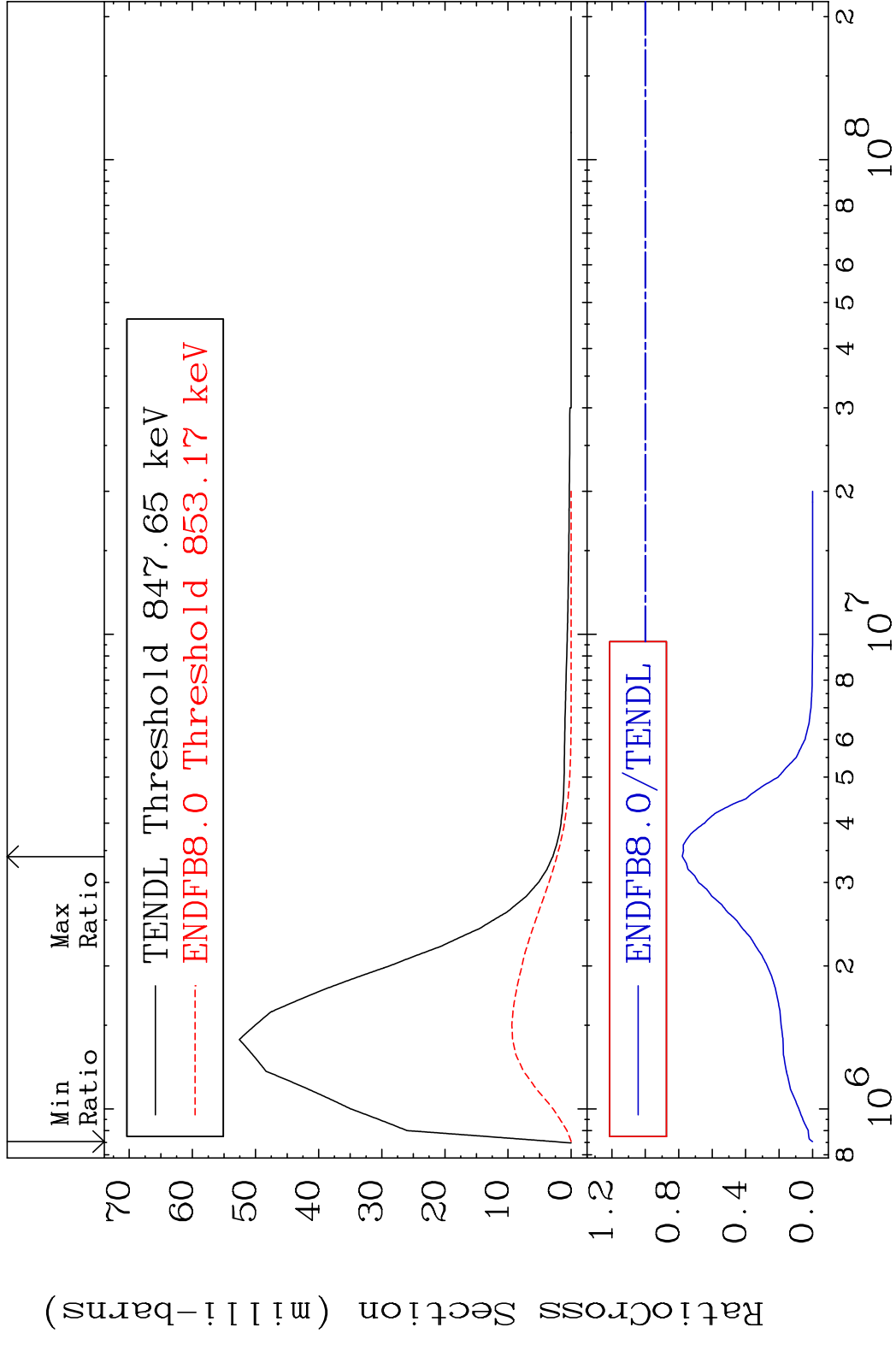
MAT 7240 MT= 71 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9137. %



MAT 7240 MT= 72 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9999. %

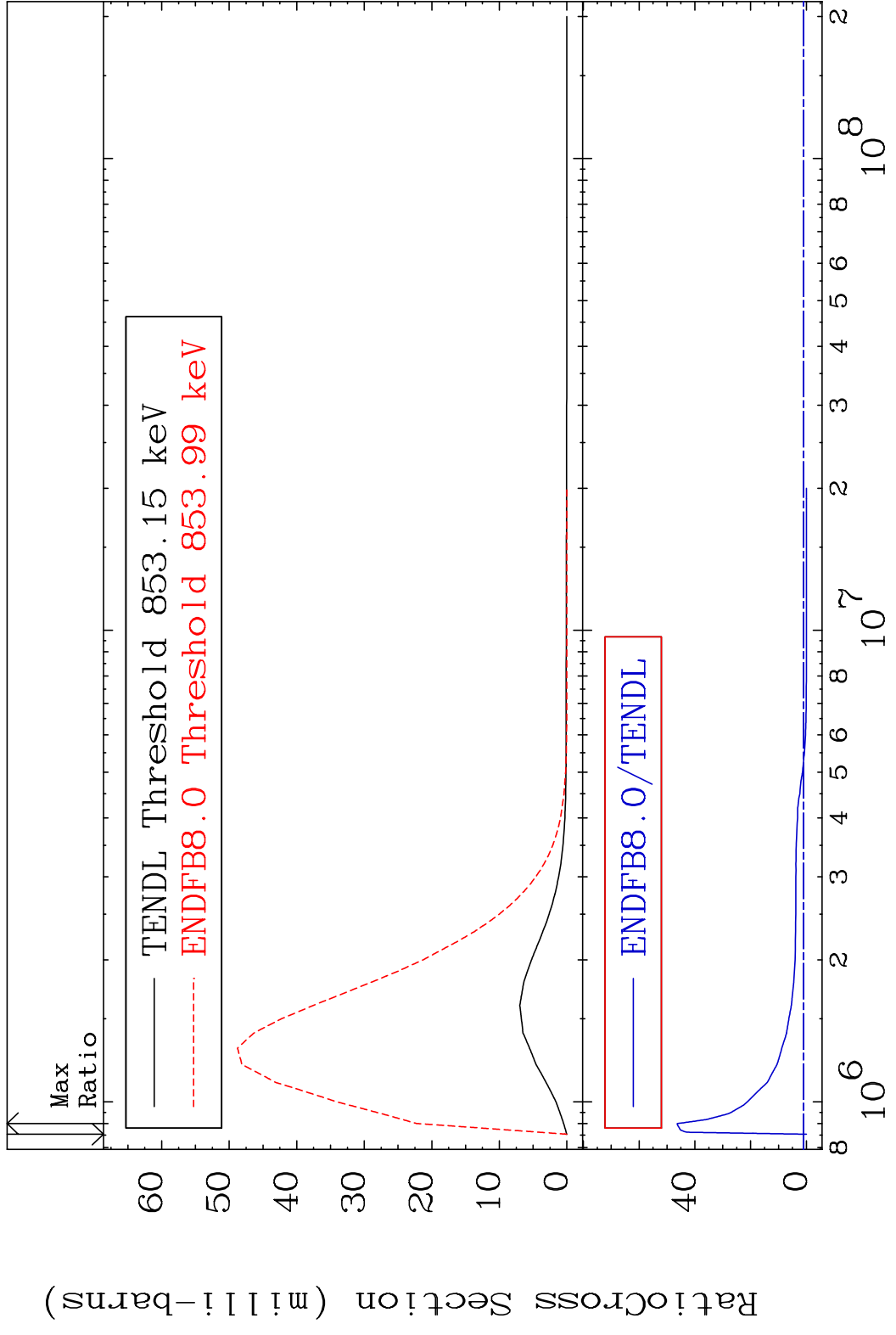


MAT 7240 MT= 73 (n, n') Level 72-Hf-179
 Cross Section -100.0 To -22.14%

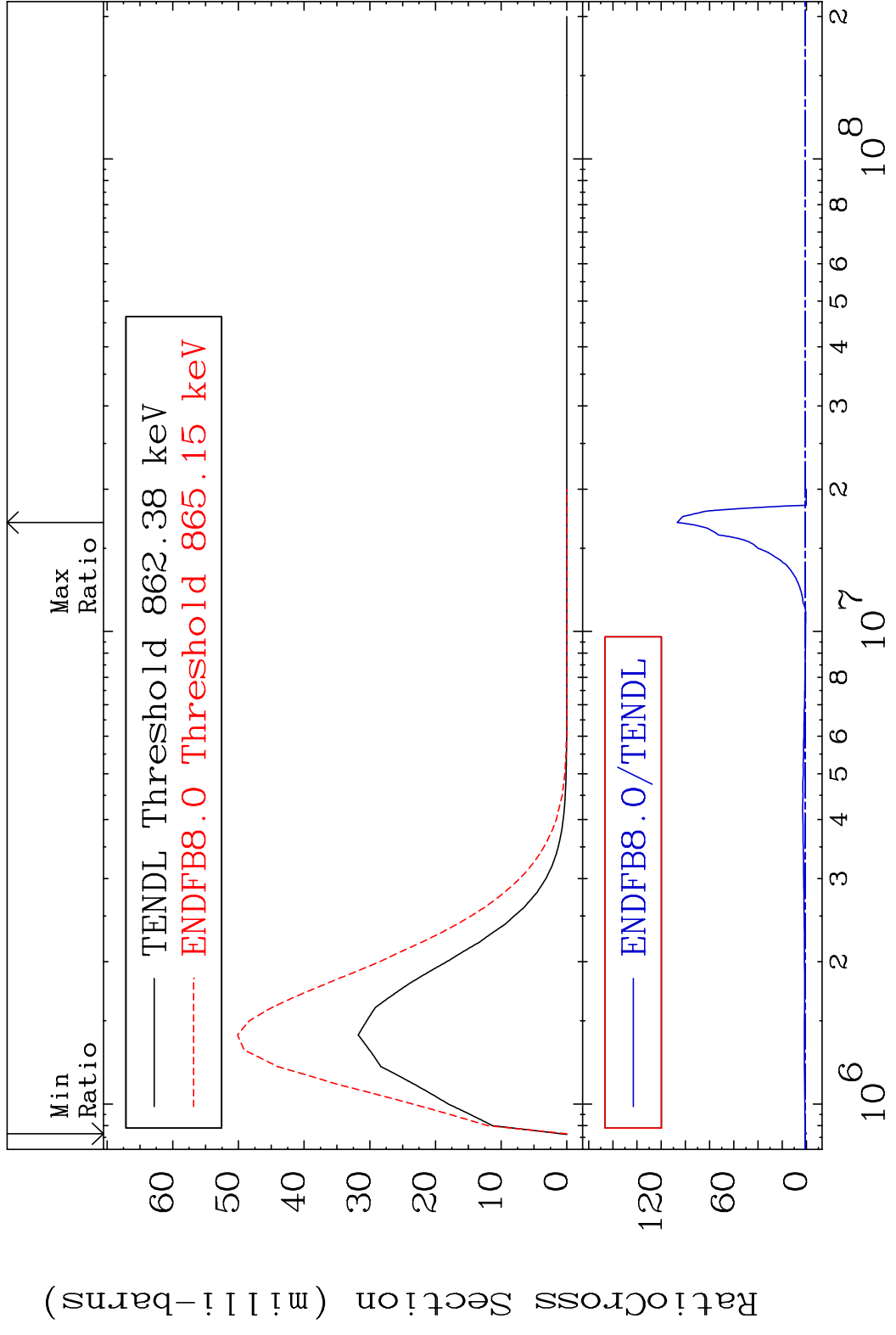


30 Incident Energy (eV) 72-Hf-179

MAT 7240 MT= 74 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 4534. %

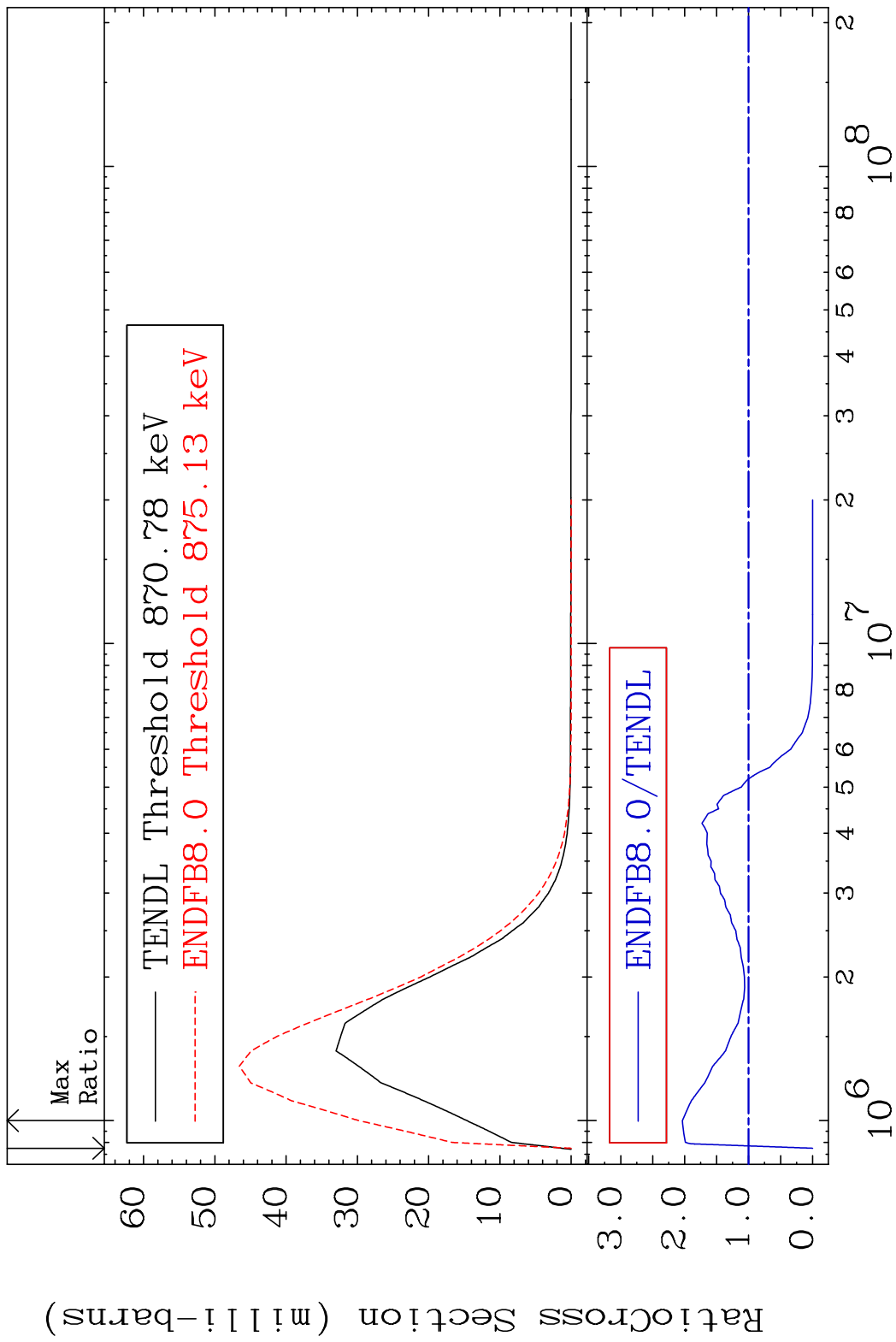


MAT 7240 MT= 75 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9999. %

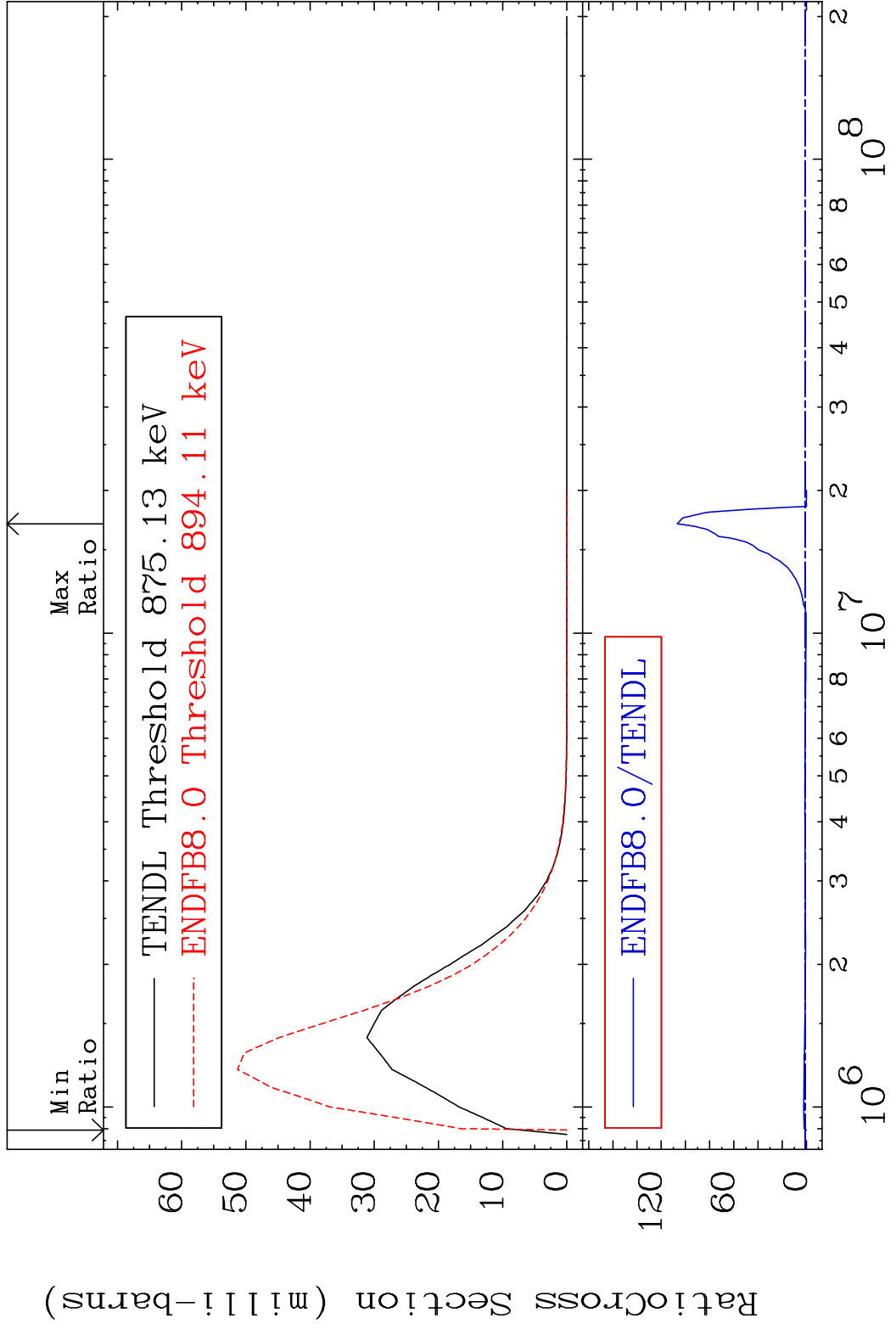


32 Incident Energy (eV) 72-Hf-179

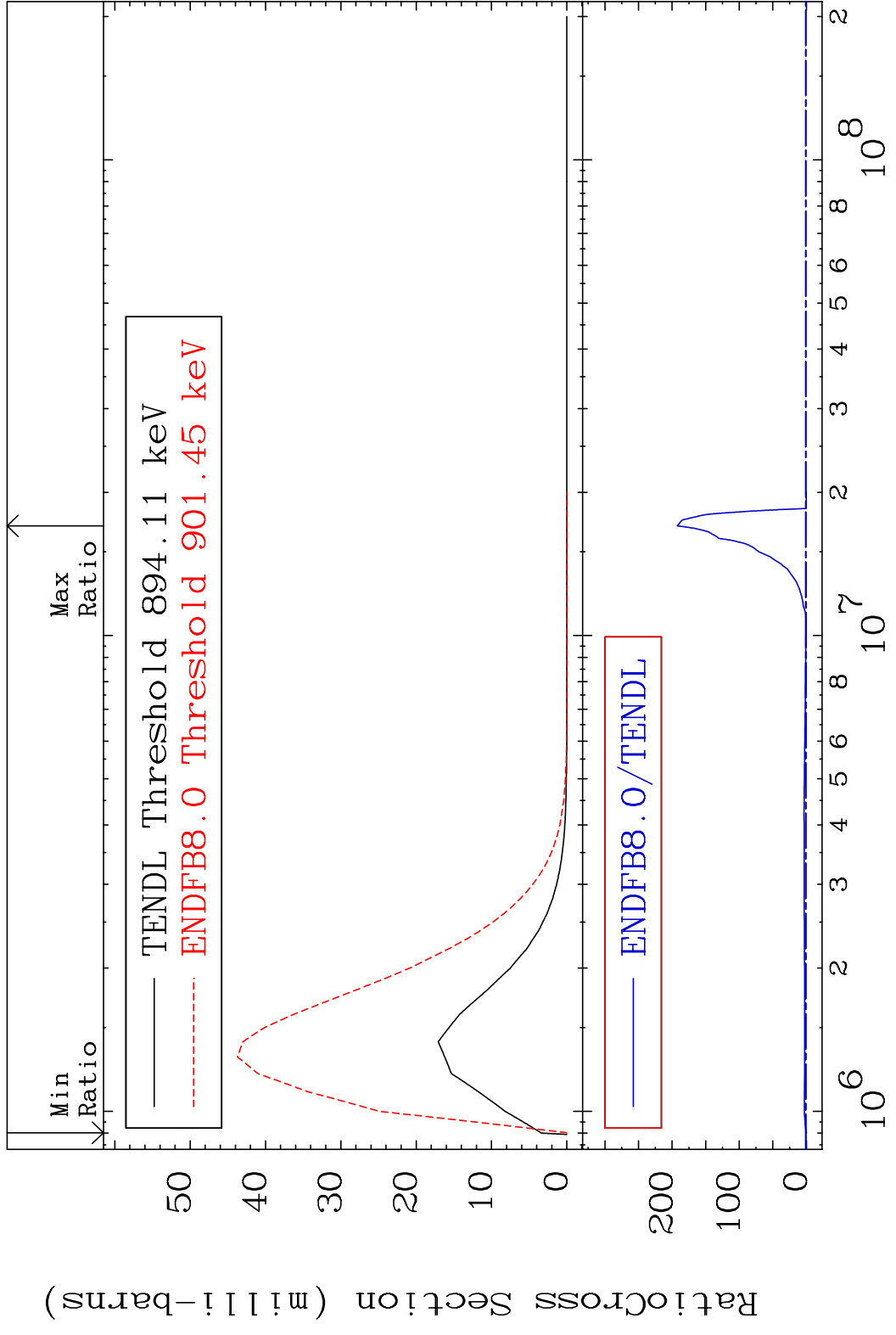
MAT 7240 MT= 76 (n,n') Level 72-Hf-179
 Cross Section -100.0 To 103.6 %



MAT 7240 MT= 77 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9999. %

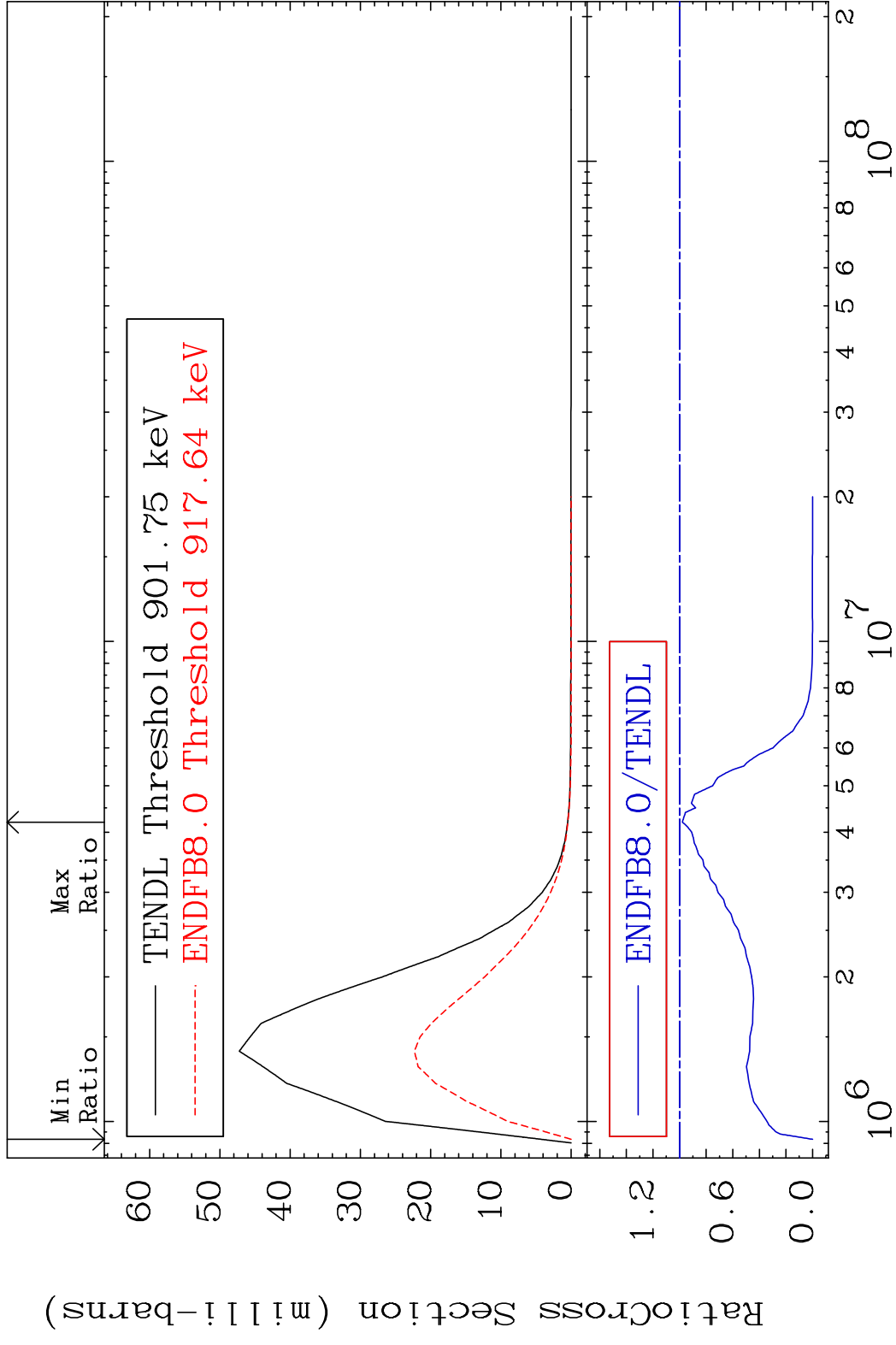


MAT 7240 MT= 78 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 9999. %

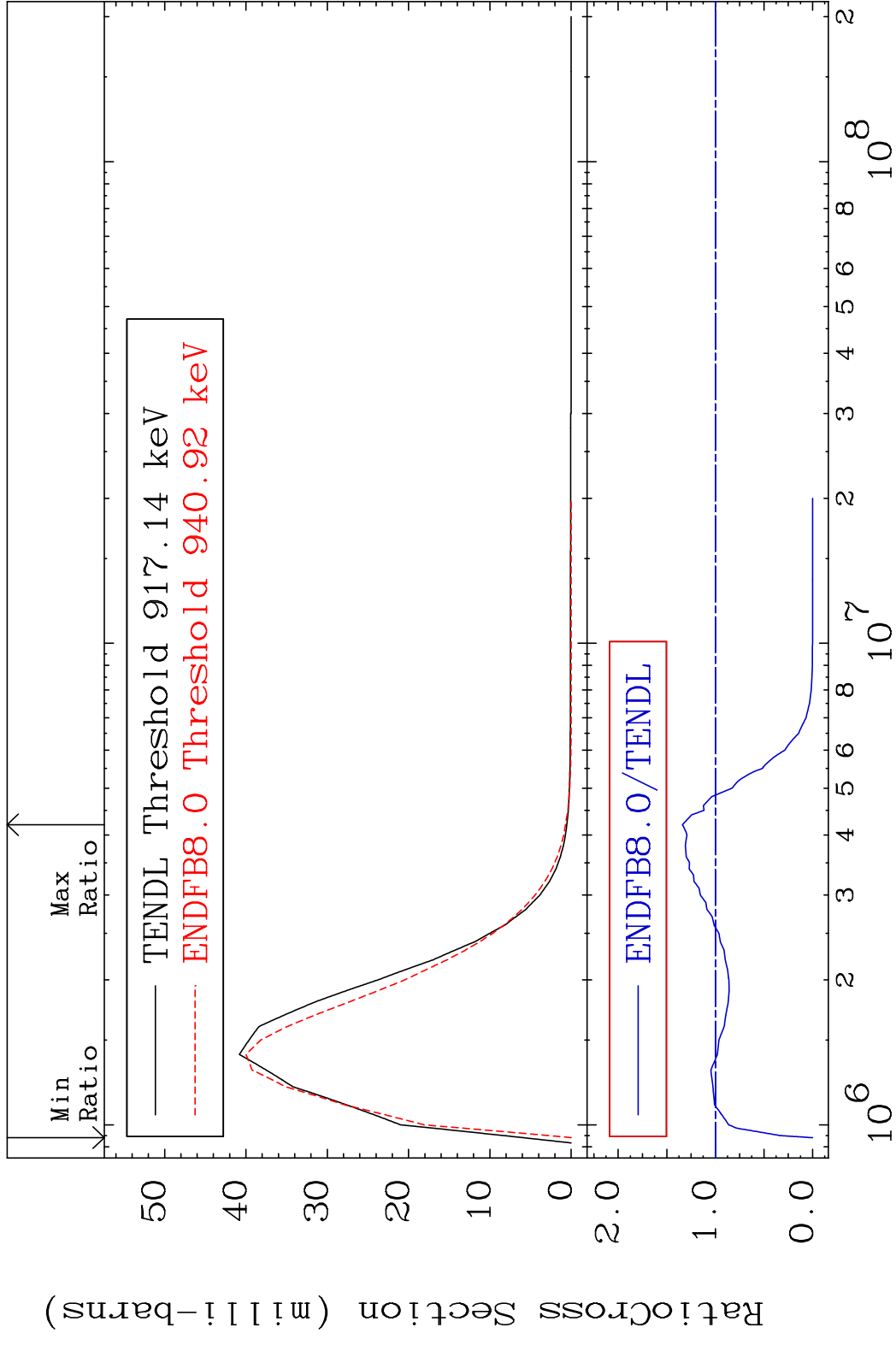


35 Incident Energy (eV) 72-Hf-179

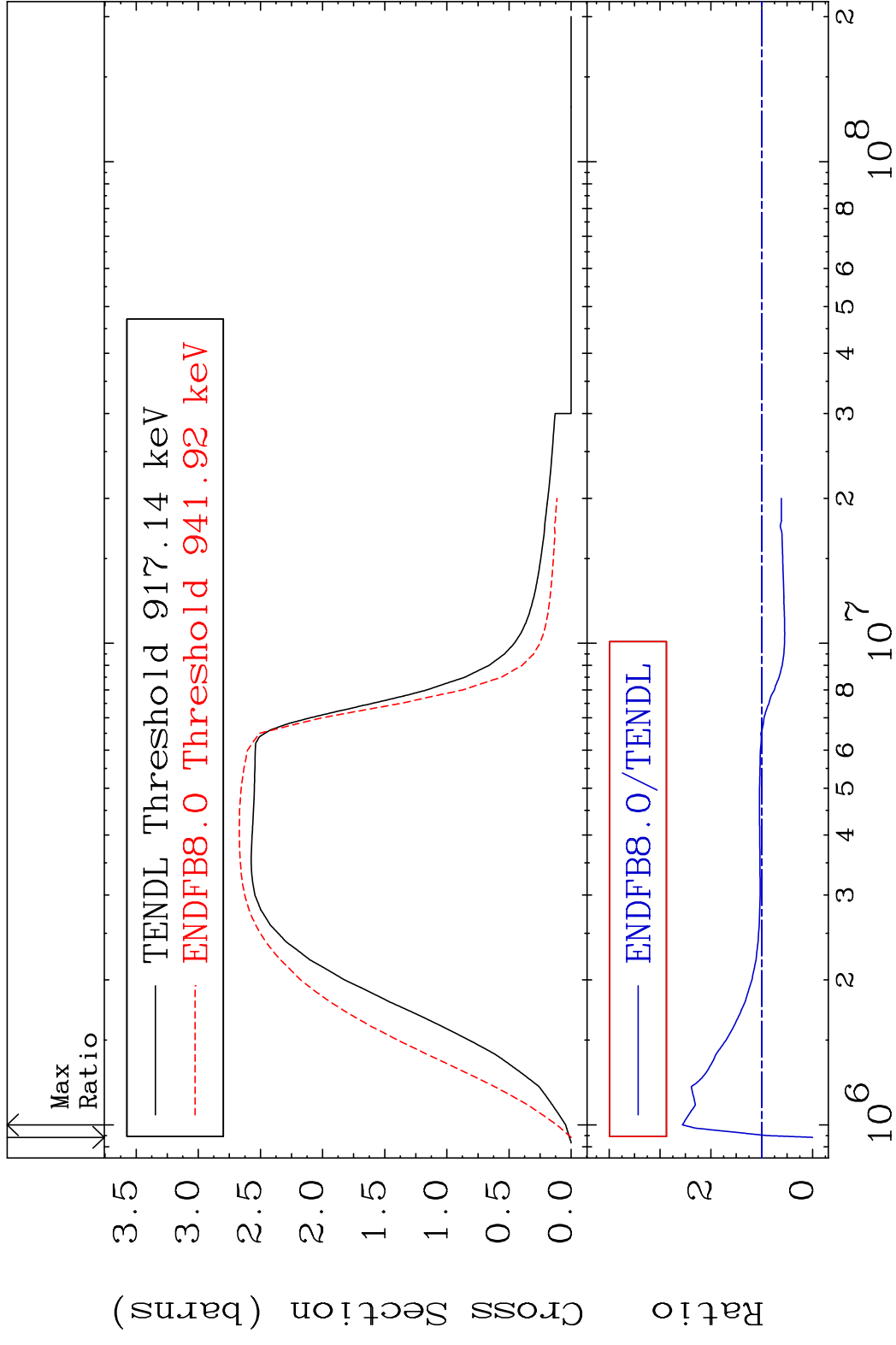
MAT 7240 MT= 79 (n, n') Level 72-Hf-179
 Cross Section -100.0 To -2.103%



MAT 7240 MT= 80 (n, n') Level 72-Hf-179
 Cross Section -100.0 To 33.96 %



MAT 7240 (n, n') Continuum 72-Hf-179
 Cross Section -100.0 To 156.0 %

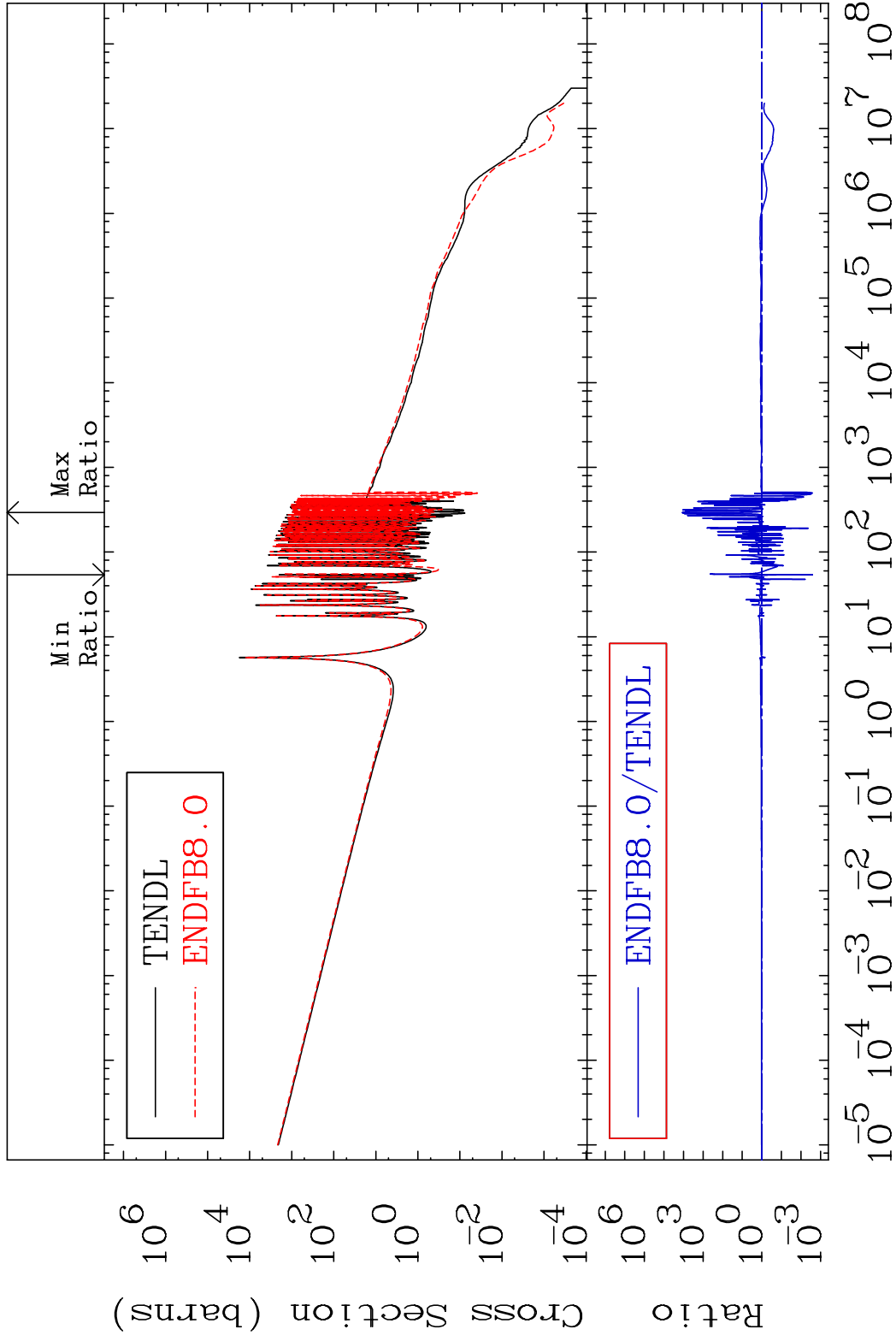


MAT 7240

(n, γ)

72-Hf-179

Cross Section -99.75 To 9999. %

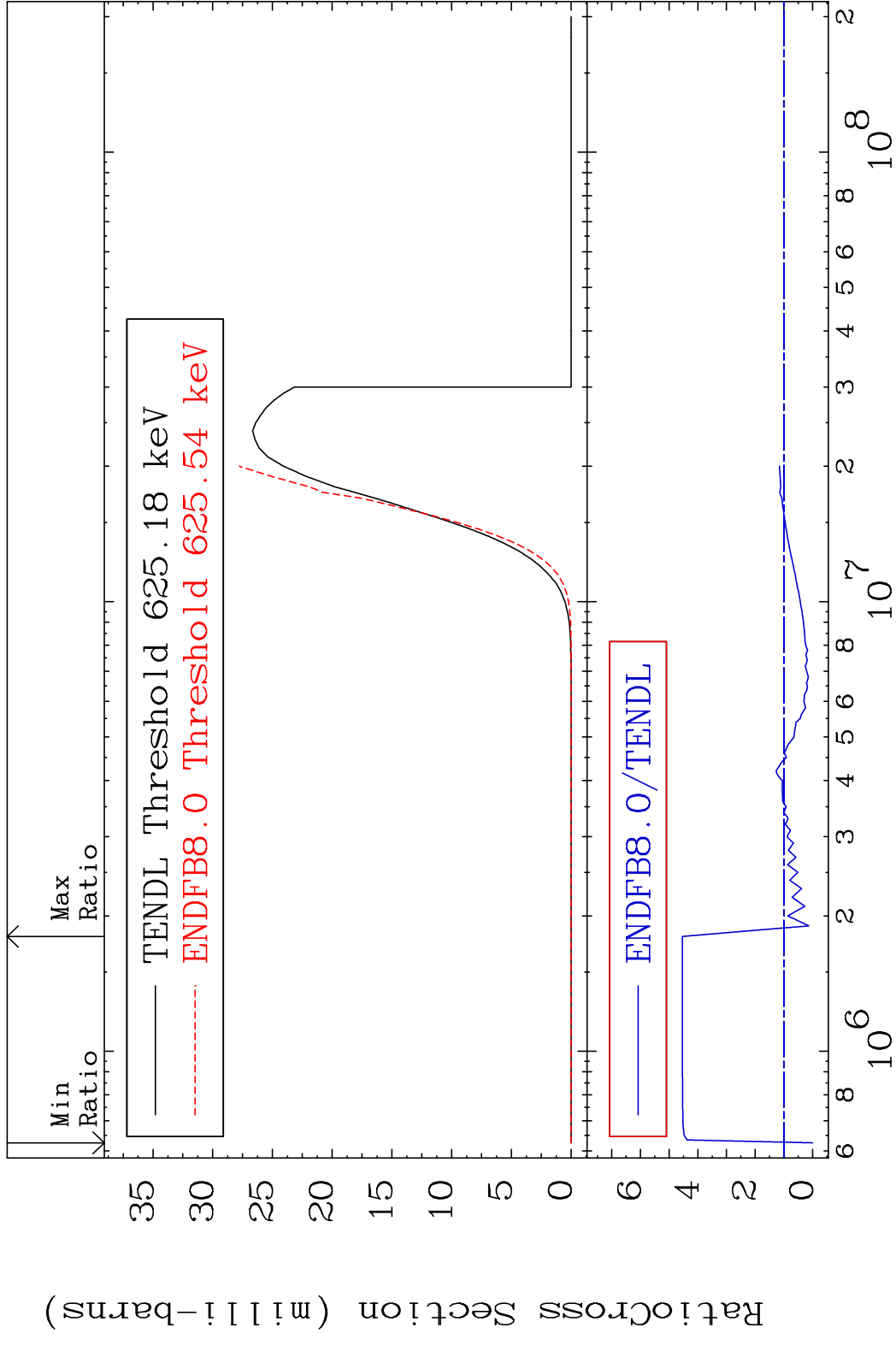


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Incident Energy (eV)

72-Hf-179

MAT 7240 (n,p) 72-Hf-179
 Cross Section -100.0 To 354.0 %



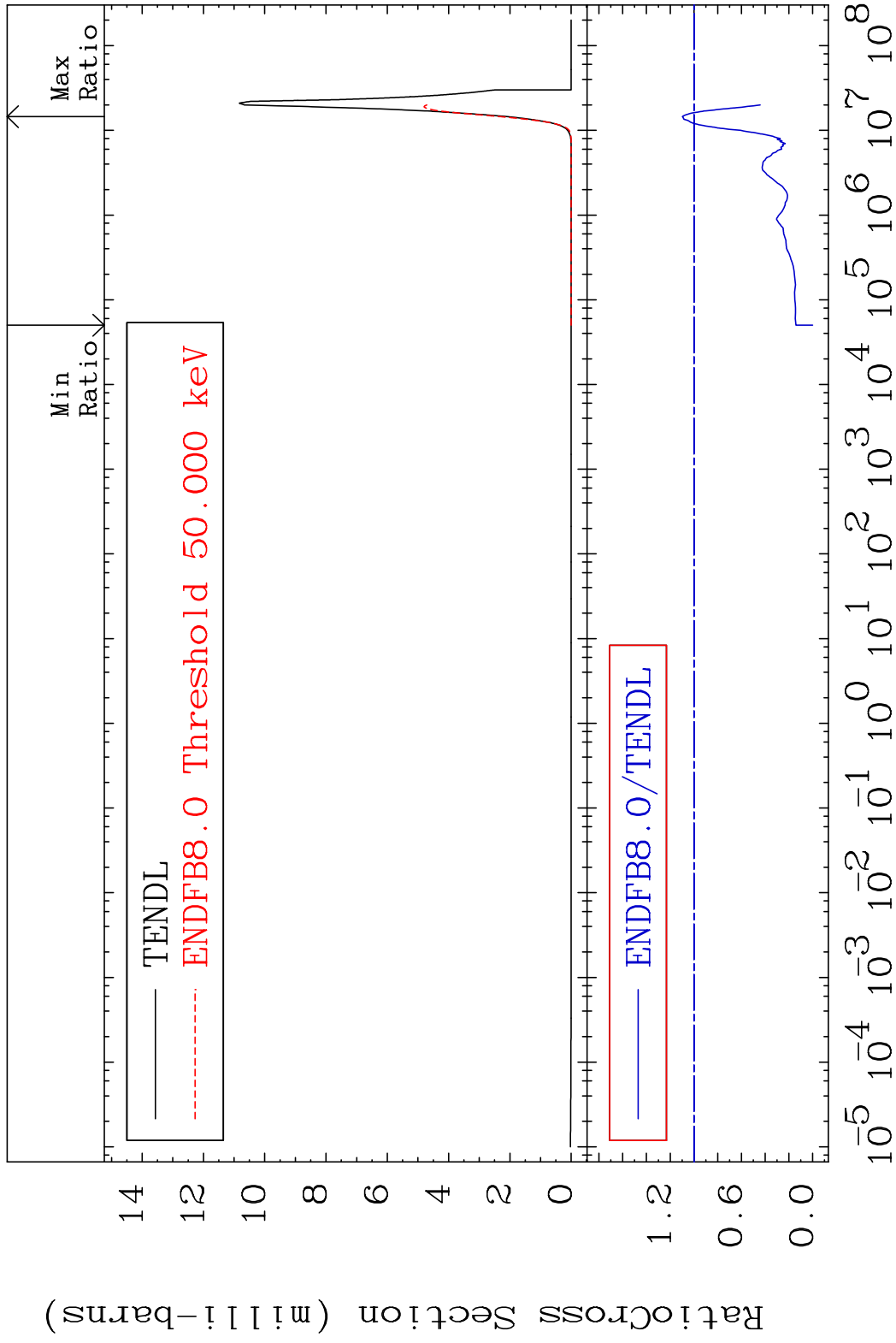
40 Incident Energy (eV) 72-Hf-179

MAT 7240

(n, α)

72-Hf-179

Cross Section -100.0 To 9.752 %



41

Incident Energy (eV)

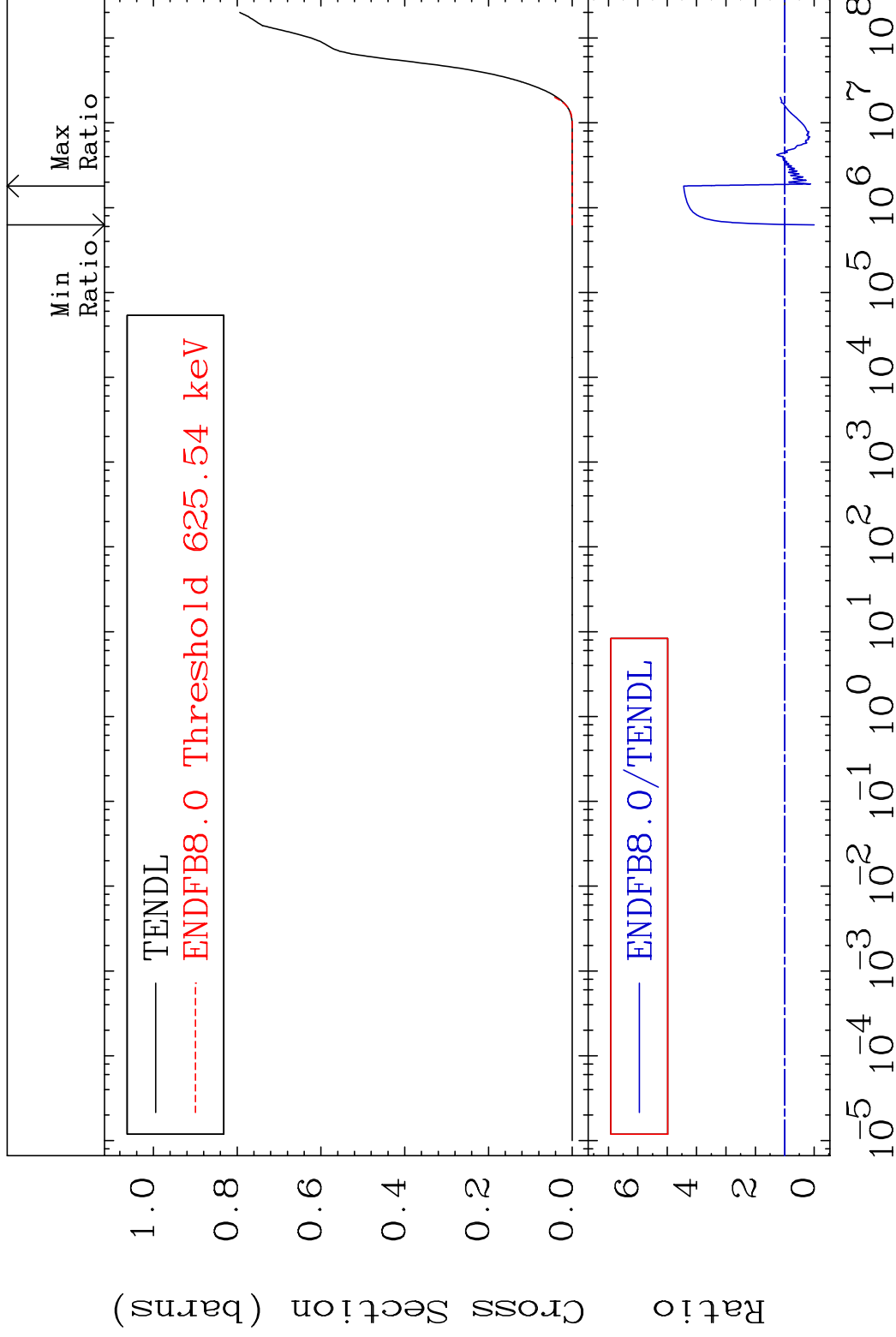
72-Hf-179

MAT 7240

Hydrogen Production

72-Hf-179

Cross Section -100.0 To 344.1 %



42

Incident Energy (eV)

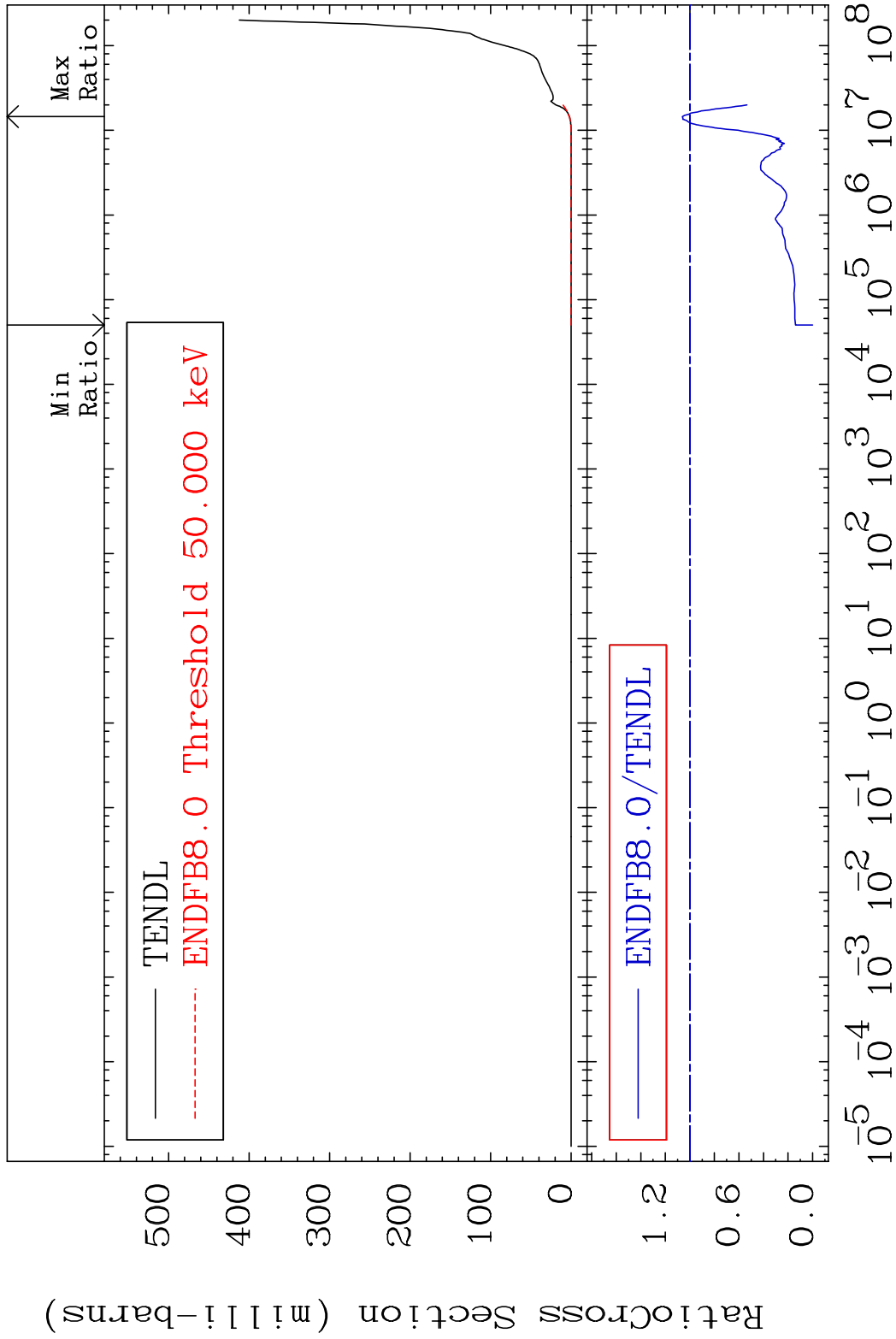
72-Hf-179

MAT 7240

He-4 Production

72-Hf-179

Cross Section -100.0 To 6.132 %

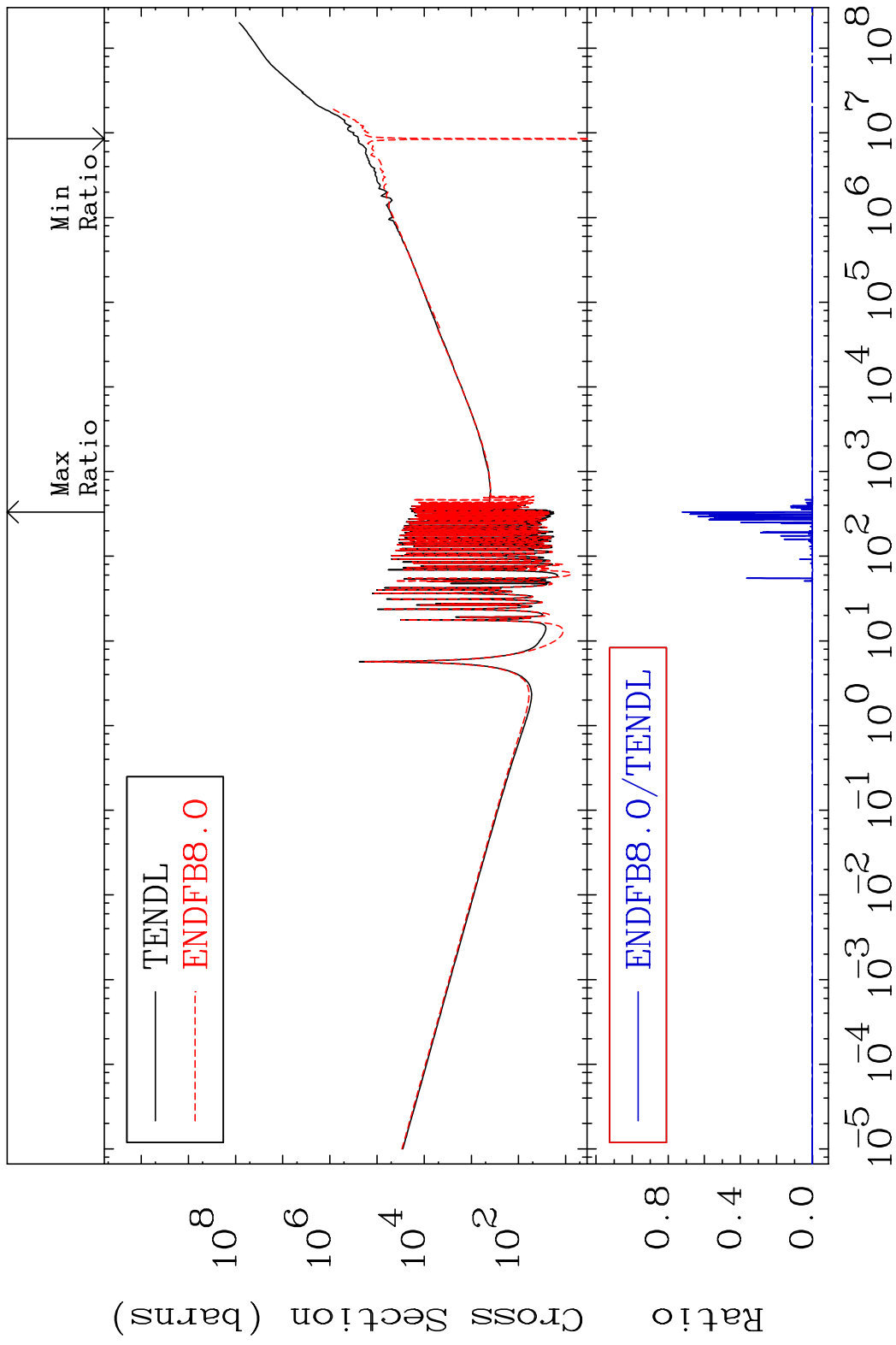


43

Incident Energy (eV)

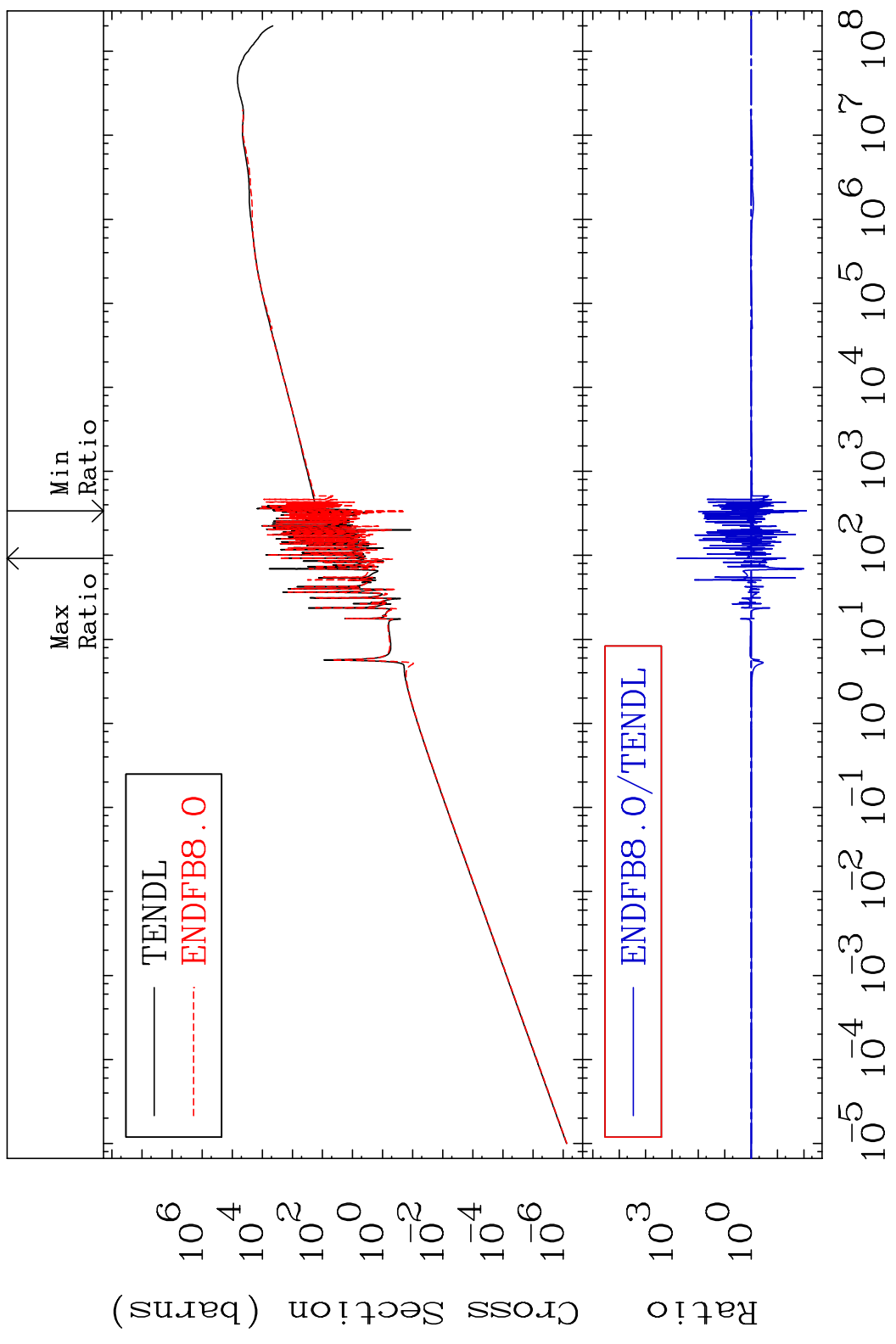
72-Hf-179

MAT 7240 Kerma total (eV-barns) 72-Hf-179
 Cross Section -108.6 To 9999. %

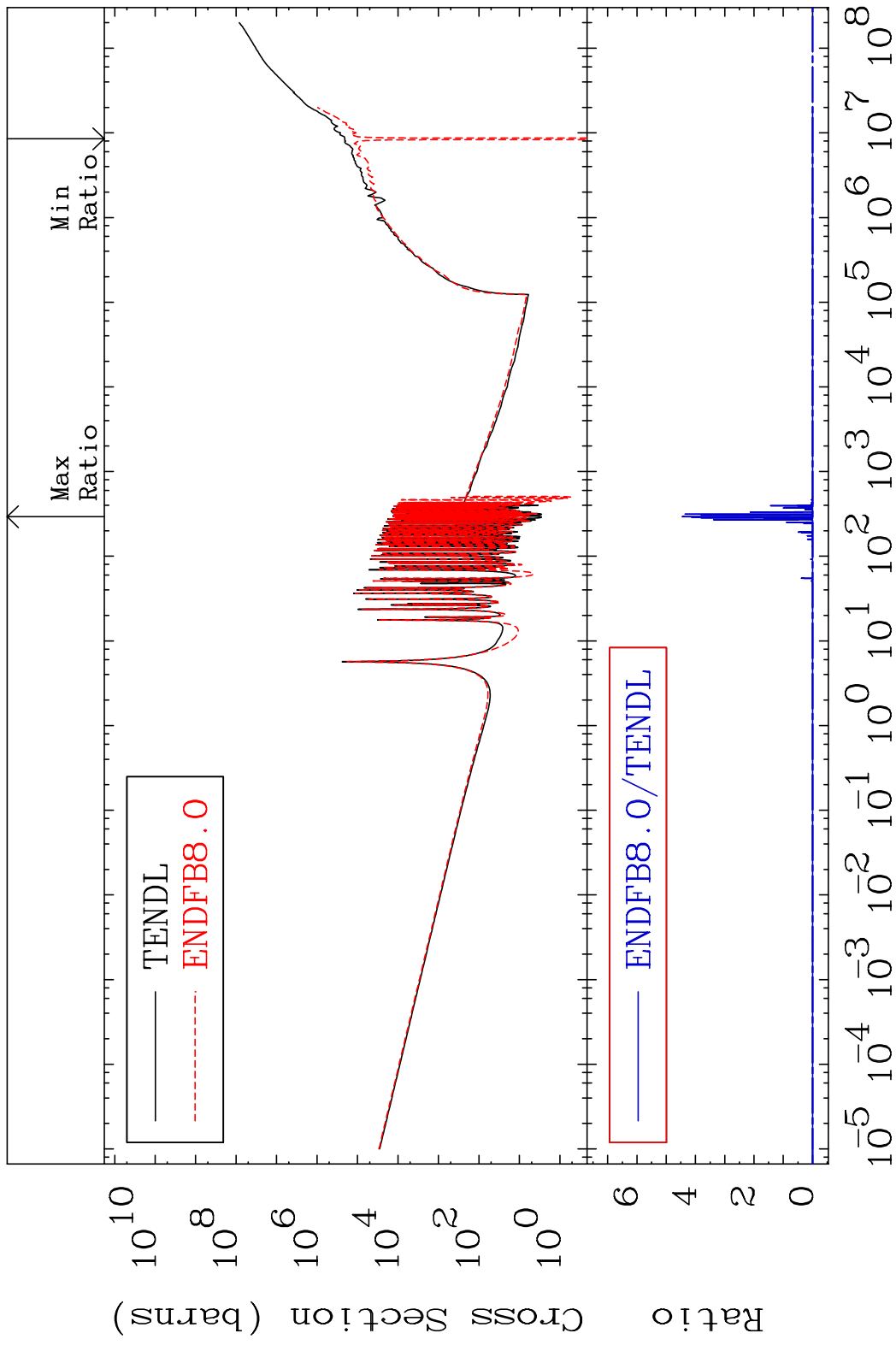


MAT 7240

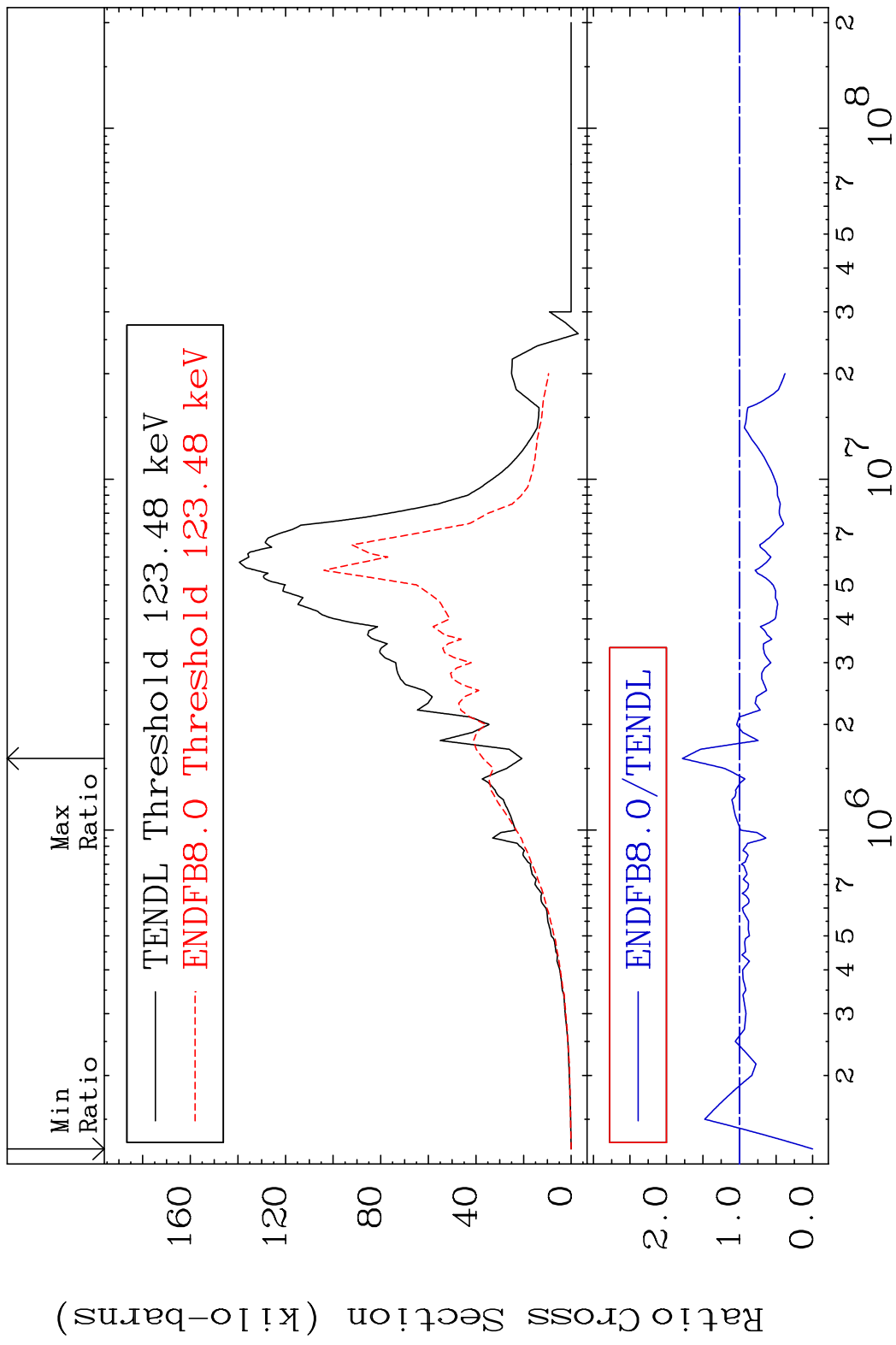
Kerma elastic Cross Section -99.20 To 9999. %
72-Hf-179



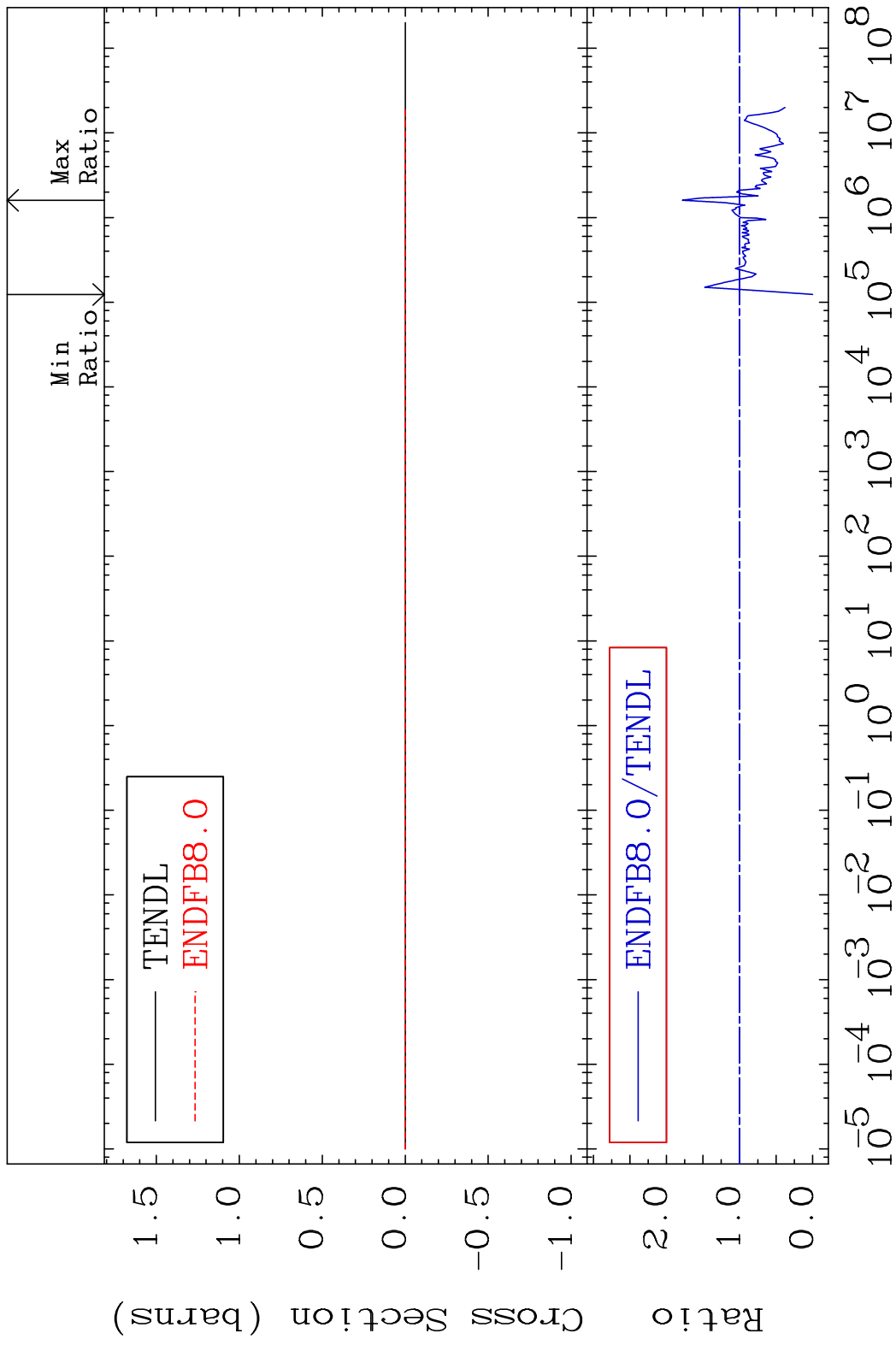
MAT 7240 Kerma non-elastic (all but mt2) 72-Hf-179
 Cross Section -130.0 To 9999. %



MAT 7240 Kerma inelastic (mt51-91) 72-Hf-179
 Cross Section -100.0 To 78.21 %

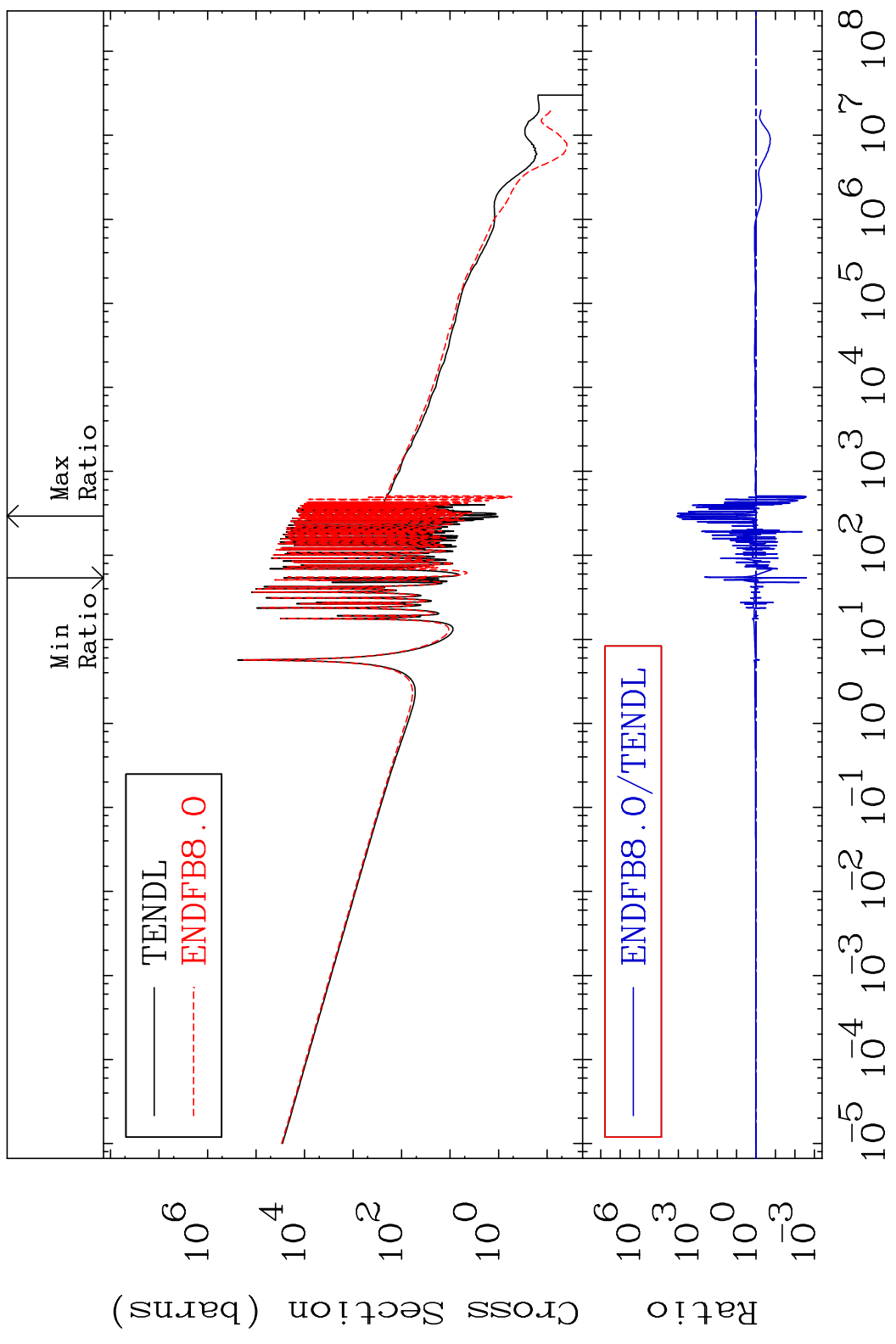


MAT 7240 Kerma fission (mt18 or mt19-20-21-38)72-Hf-179
 Cross Section -100.0 To 78.21 %

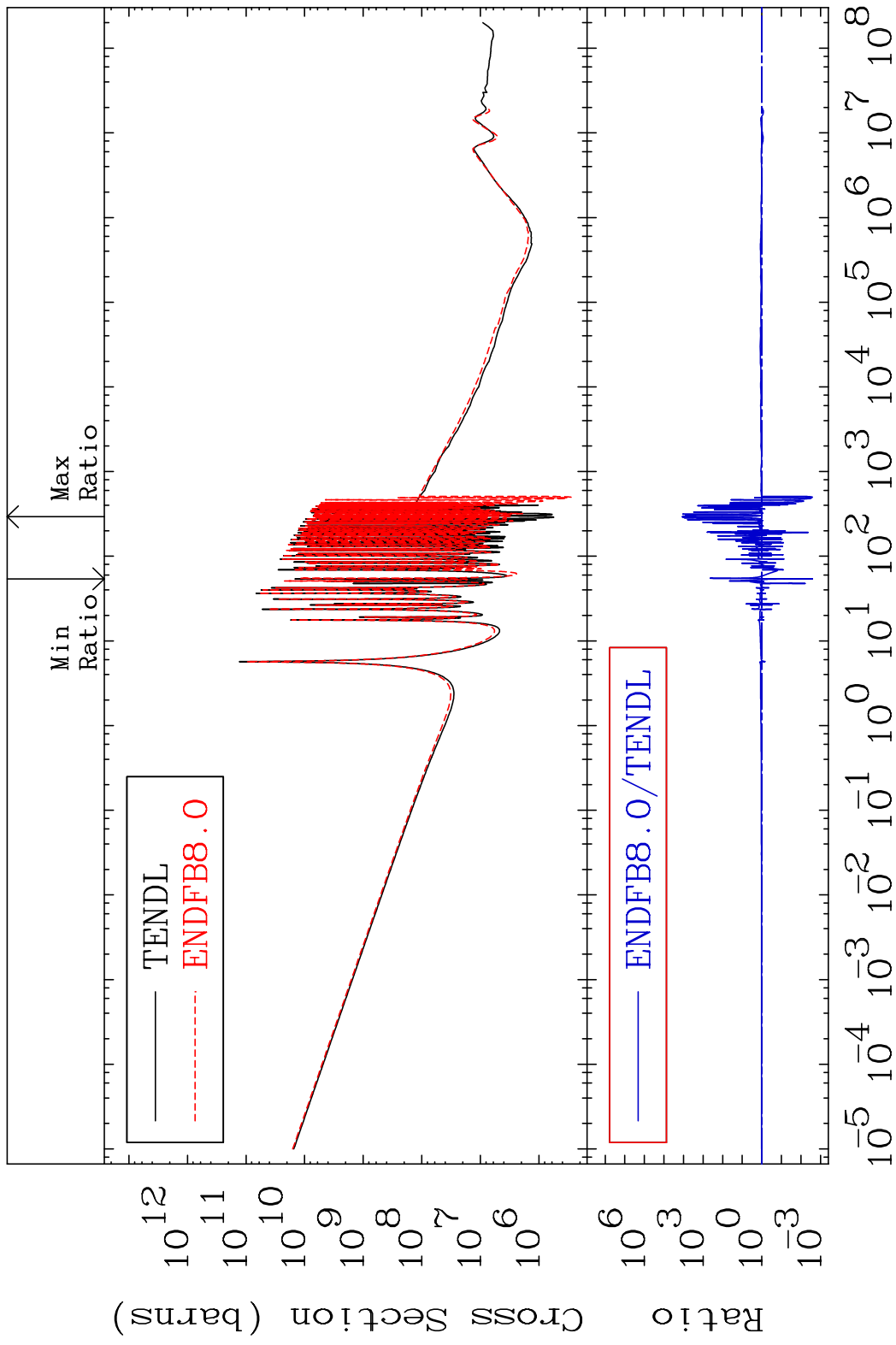


MAT 7240

Kerma capture (mt102) 72-Hf-179
Cross Section -99.75 To 9999. %

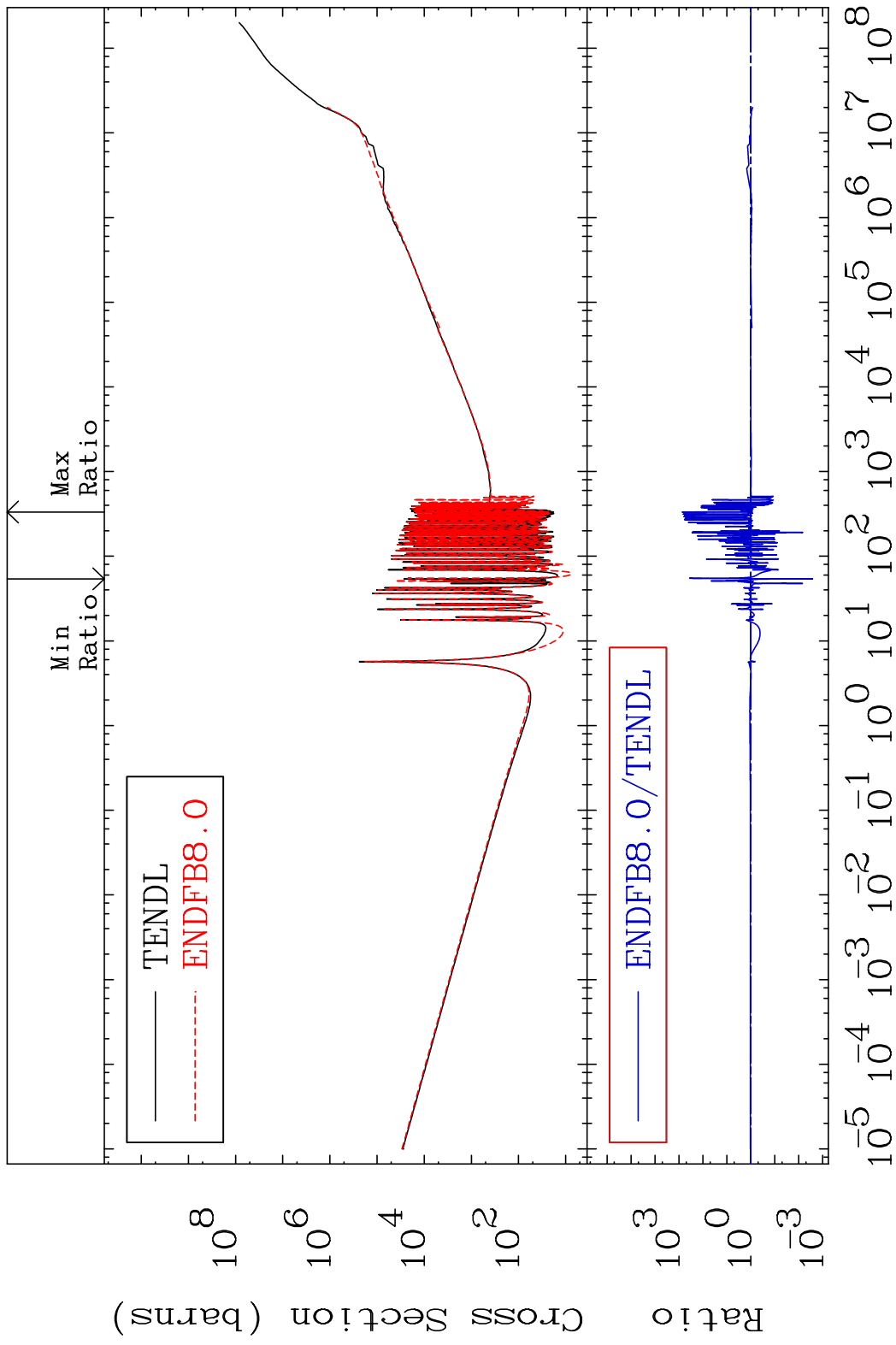


MAT 7240 Total photon (eV-barns) 72-Hf-179
 Cross Section -99.75 To 9999. %



50 Incident Energy (eV) 72-Hf-179

MAT 7240 Total kinematic kerma (high limit) 72-Hf-179
 Cross Section -99.74 To 9999. %

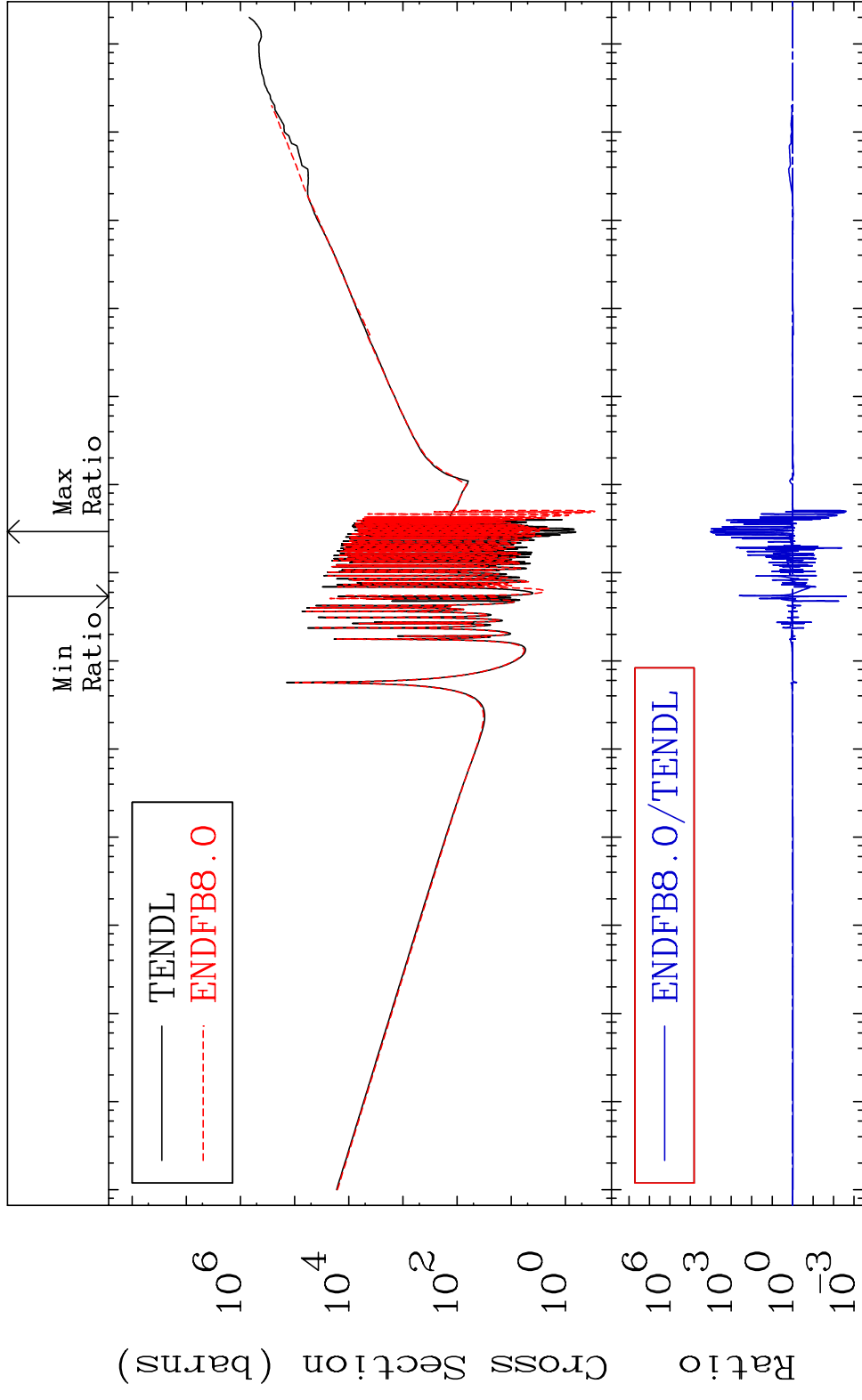


MAT 7240

Dpa total (eV-barns)

72-Hf-179

Cross Section -99.76 To 9999. %

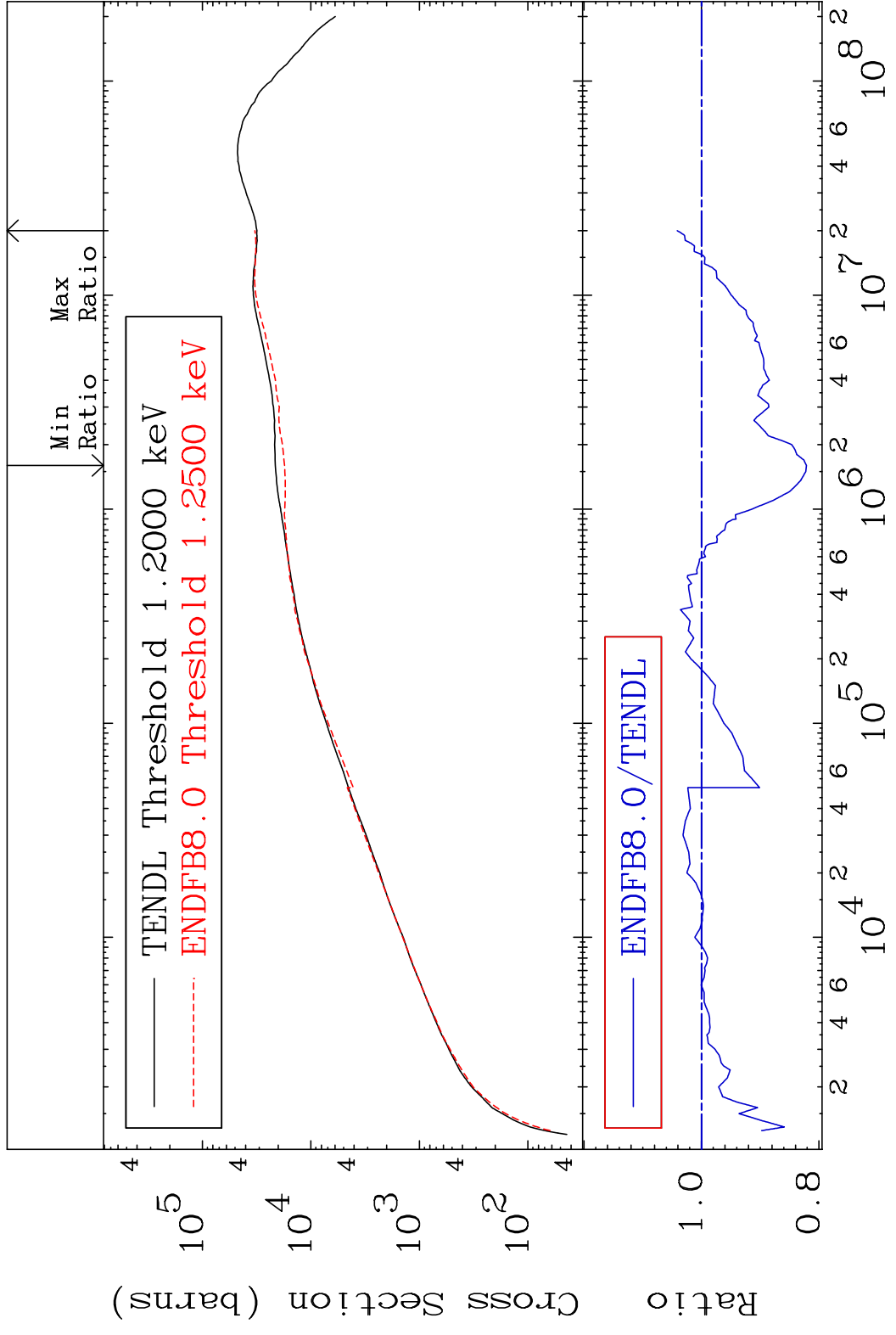


MAT 7240

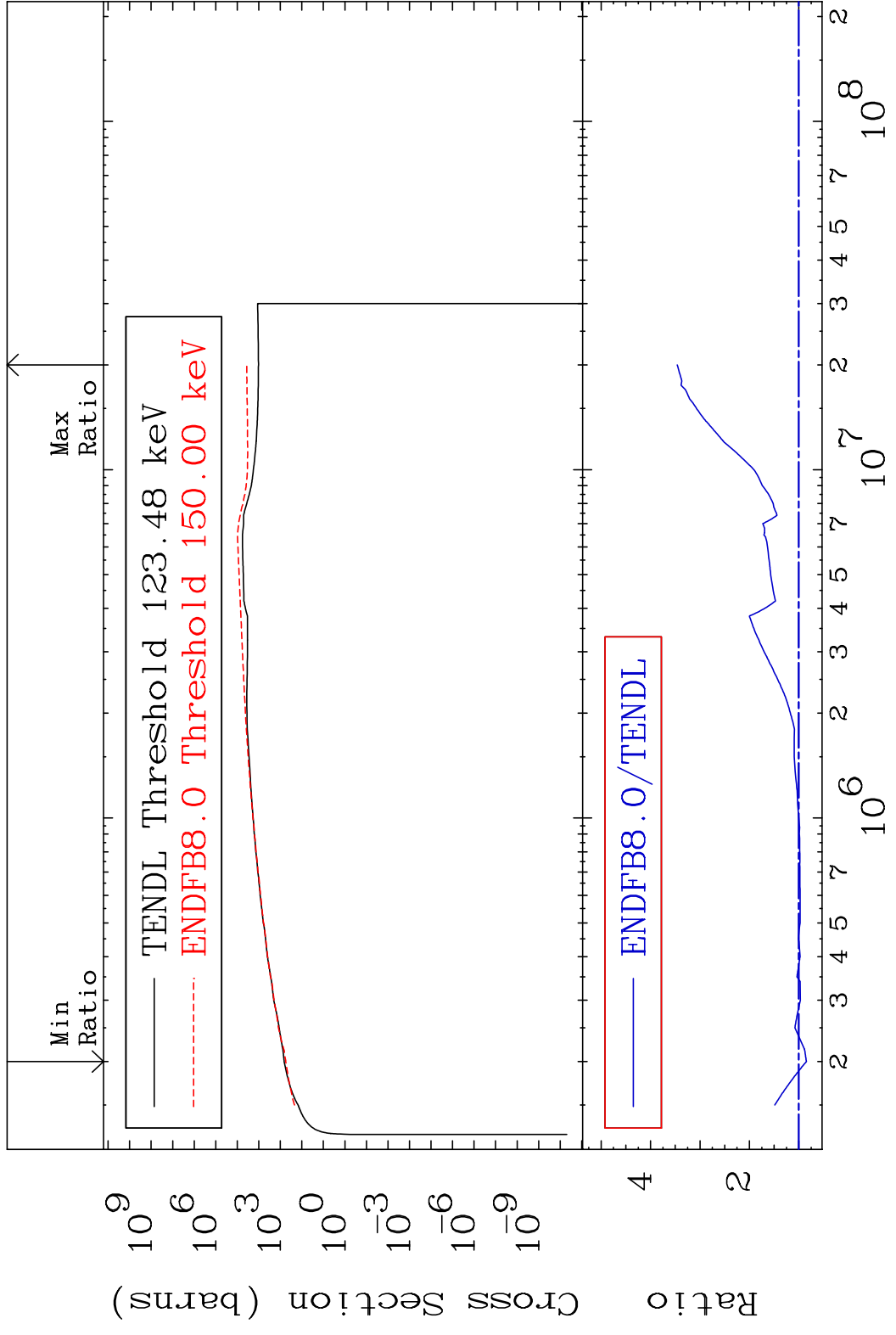
Dpa elastic (mt2)

72-Hf-179

Cross Section -17.86 To 4.139 %



MAT 7240 Dpa inelastic (mt51-91) 72-Hf-179
 Cross Section -15.33 To 246.1 %



MAT 7240 Dpa disappearance (mt102 -120) 72-Hf-179
 Cross Section -99.76 To 9999. %

