

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

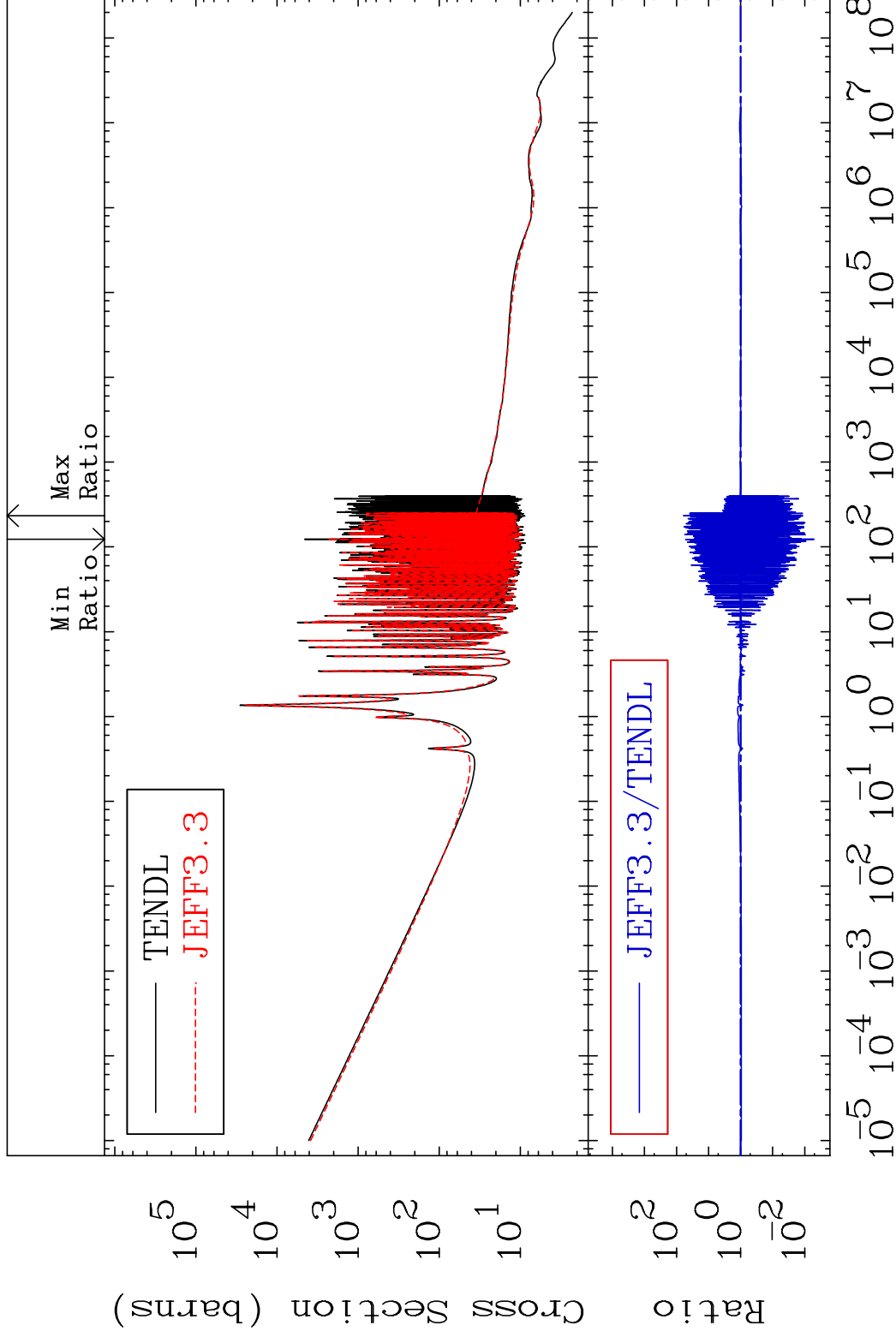
MAT 9549

Total

95-Am-243

Cross Section

-99.49 To 5883. %



1

Incident Energy (eV)

95-Am-243

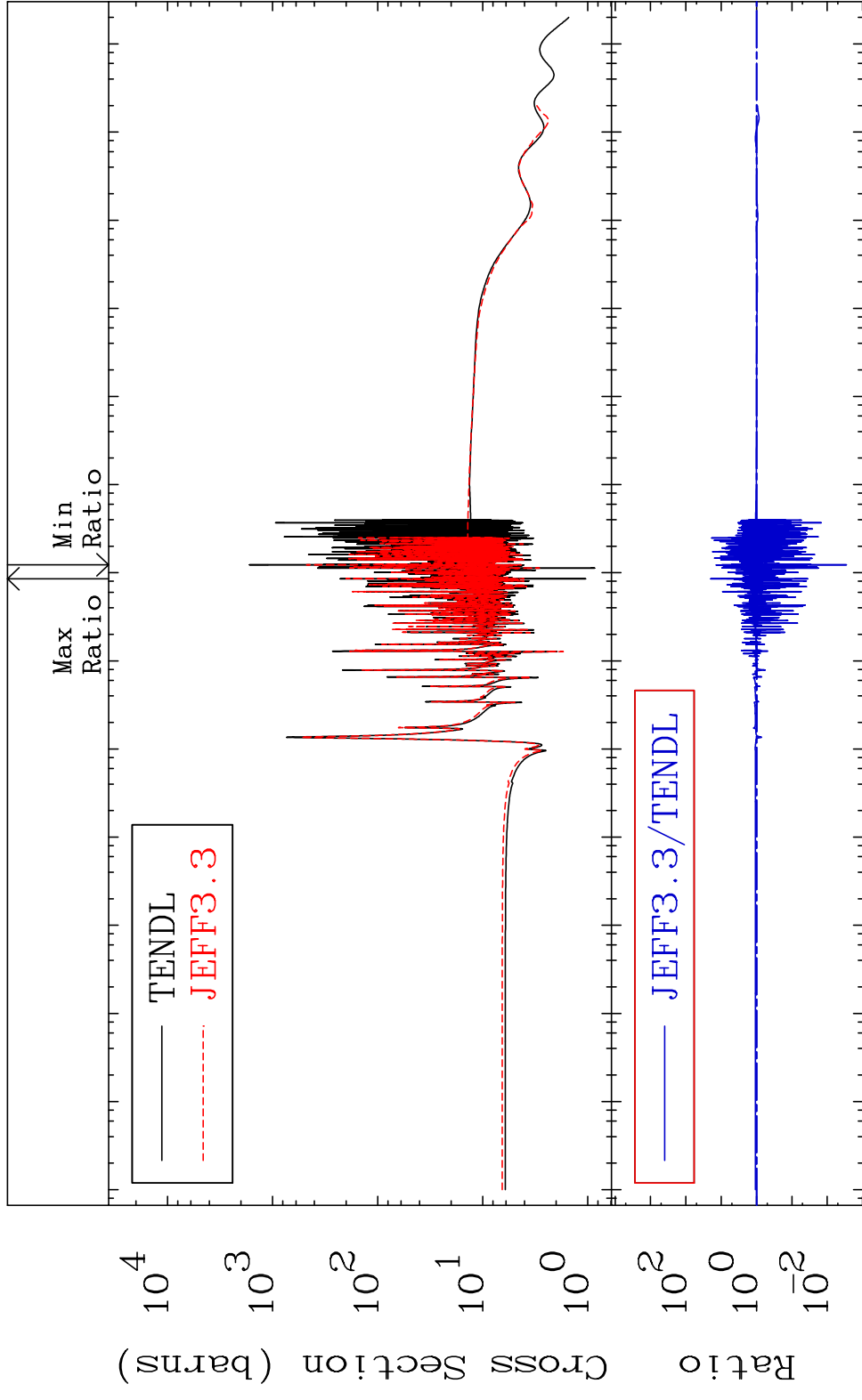
MAT 9549

Elastic

95-Am-243

Cross Section

-99.71 To 1881. %



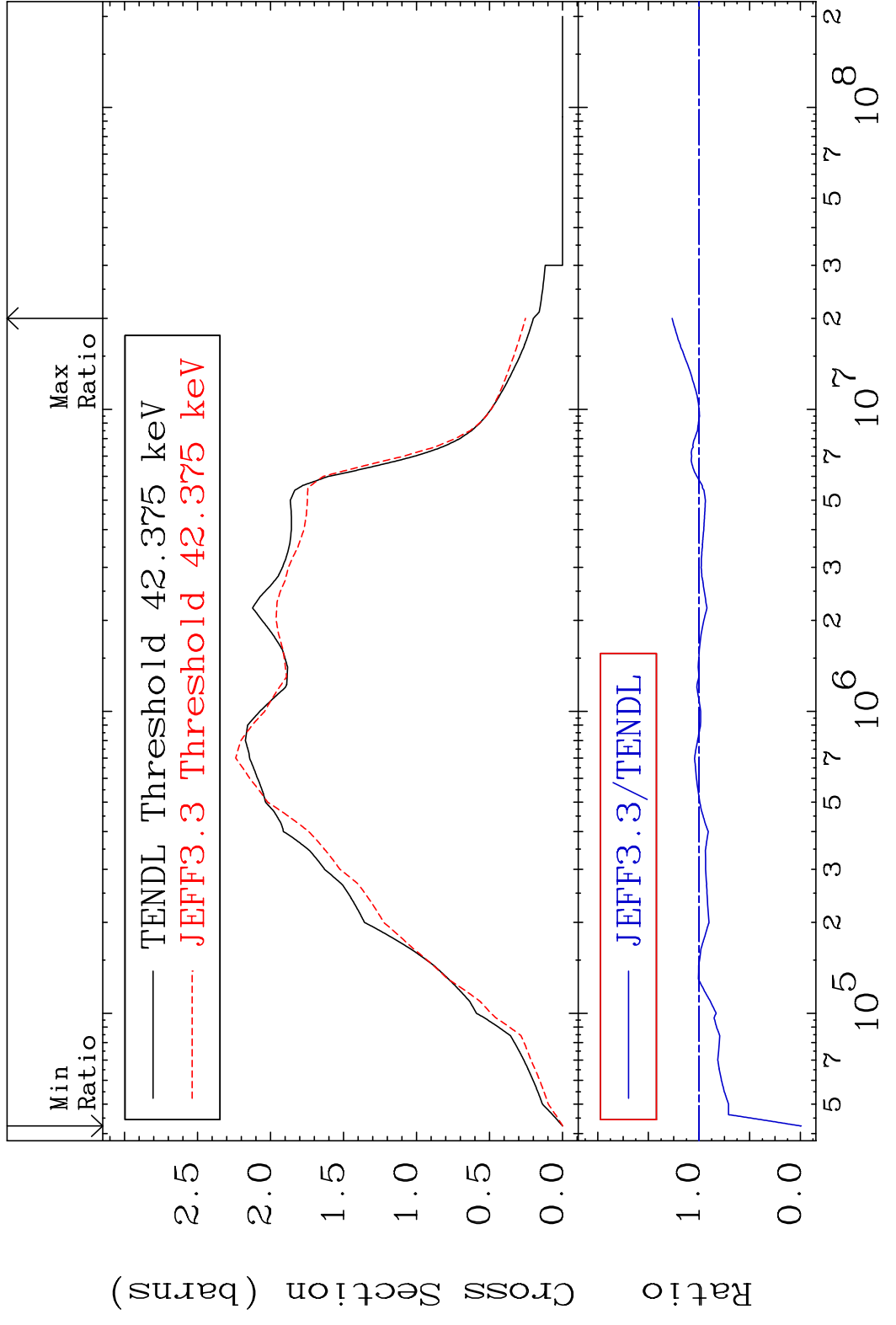
Ratio

2

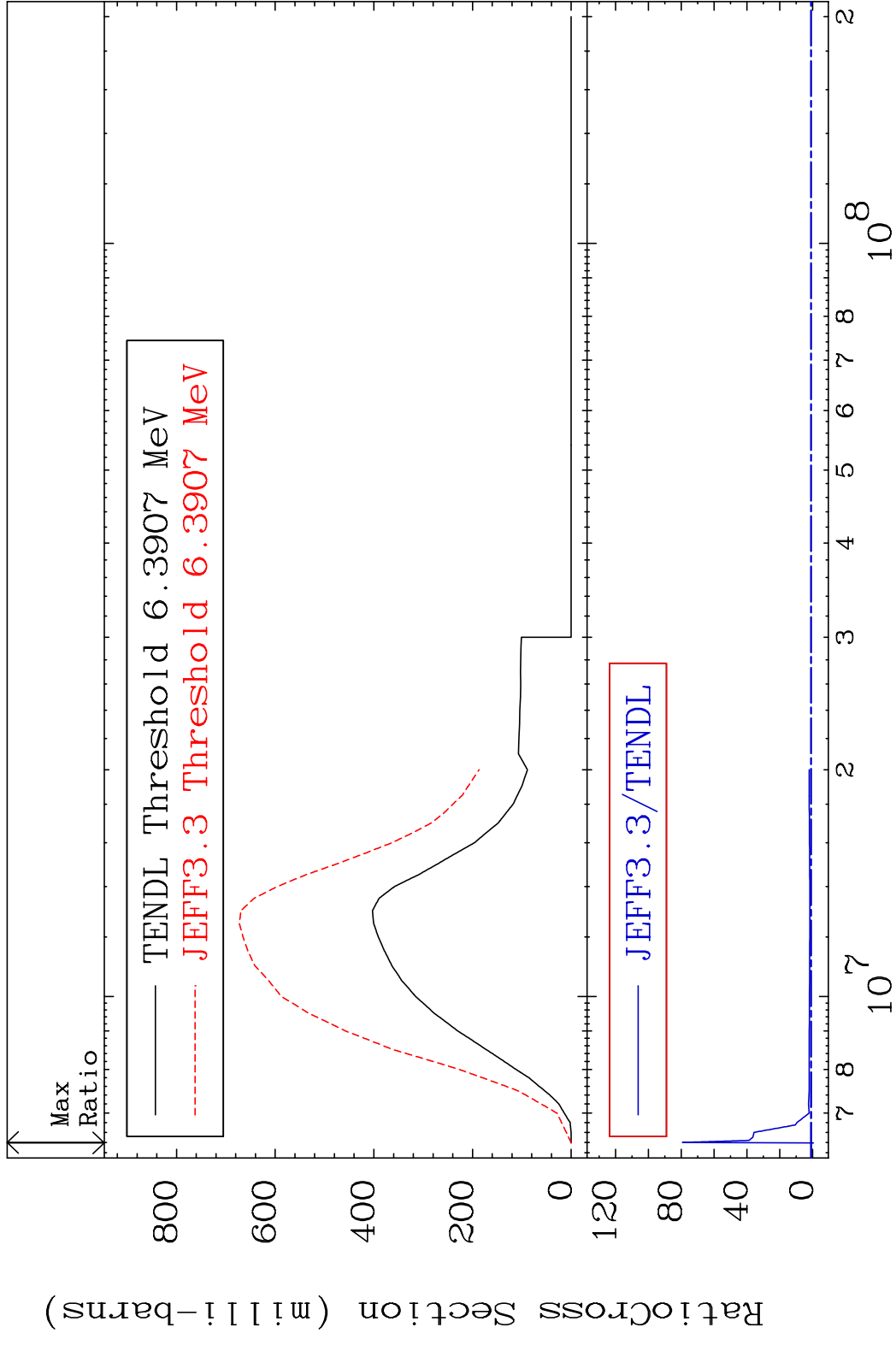
Incident Energy (eV)

95-Am-243

MAT 9549                      Inelastic                      95-Am-243  
 Cross Section                      -100.0 To 26.62 %

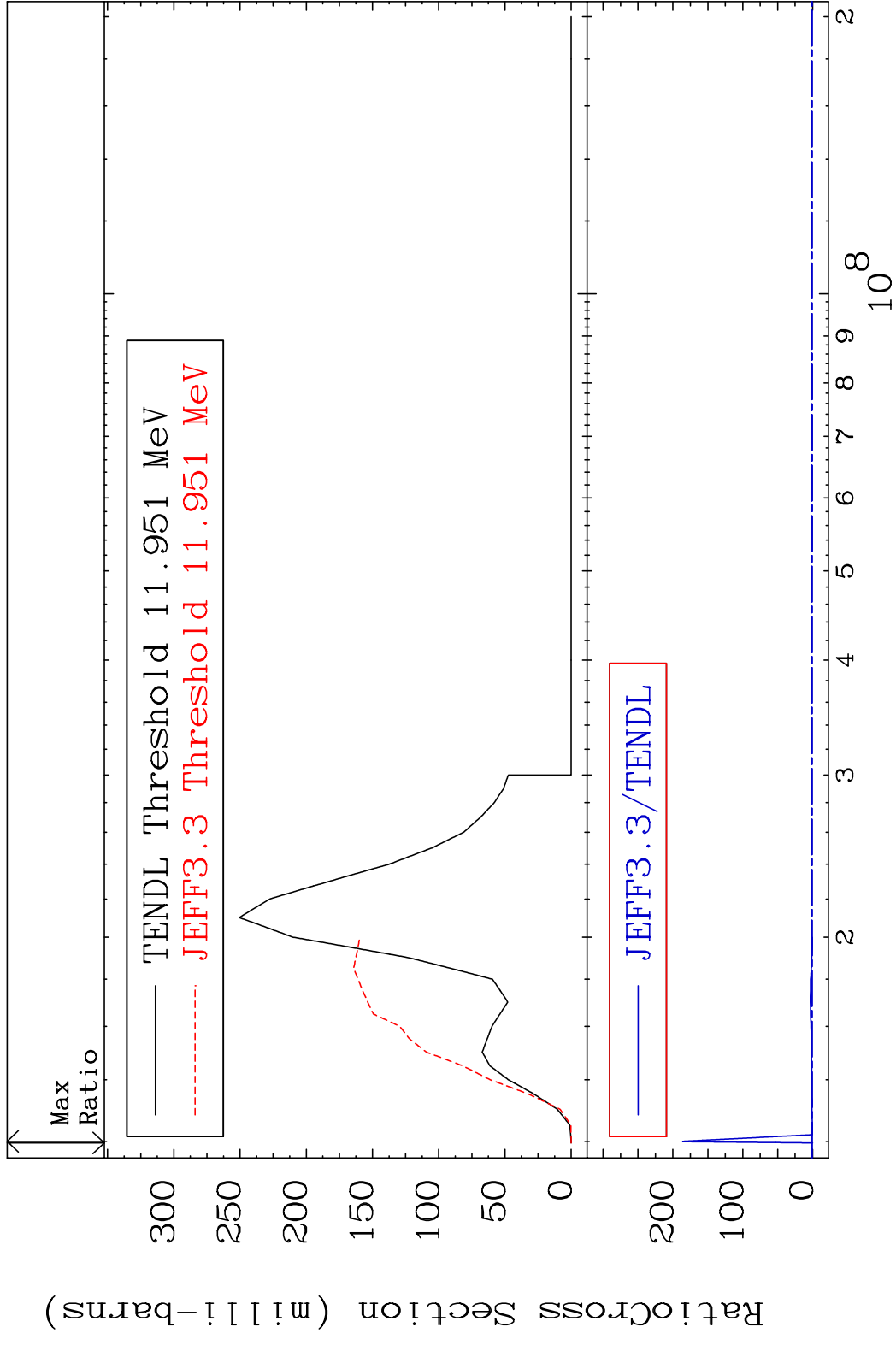


MAT 9549 (n,2n) 95-Am-243  
Cross Section -100.0 To 7828. %



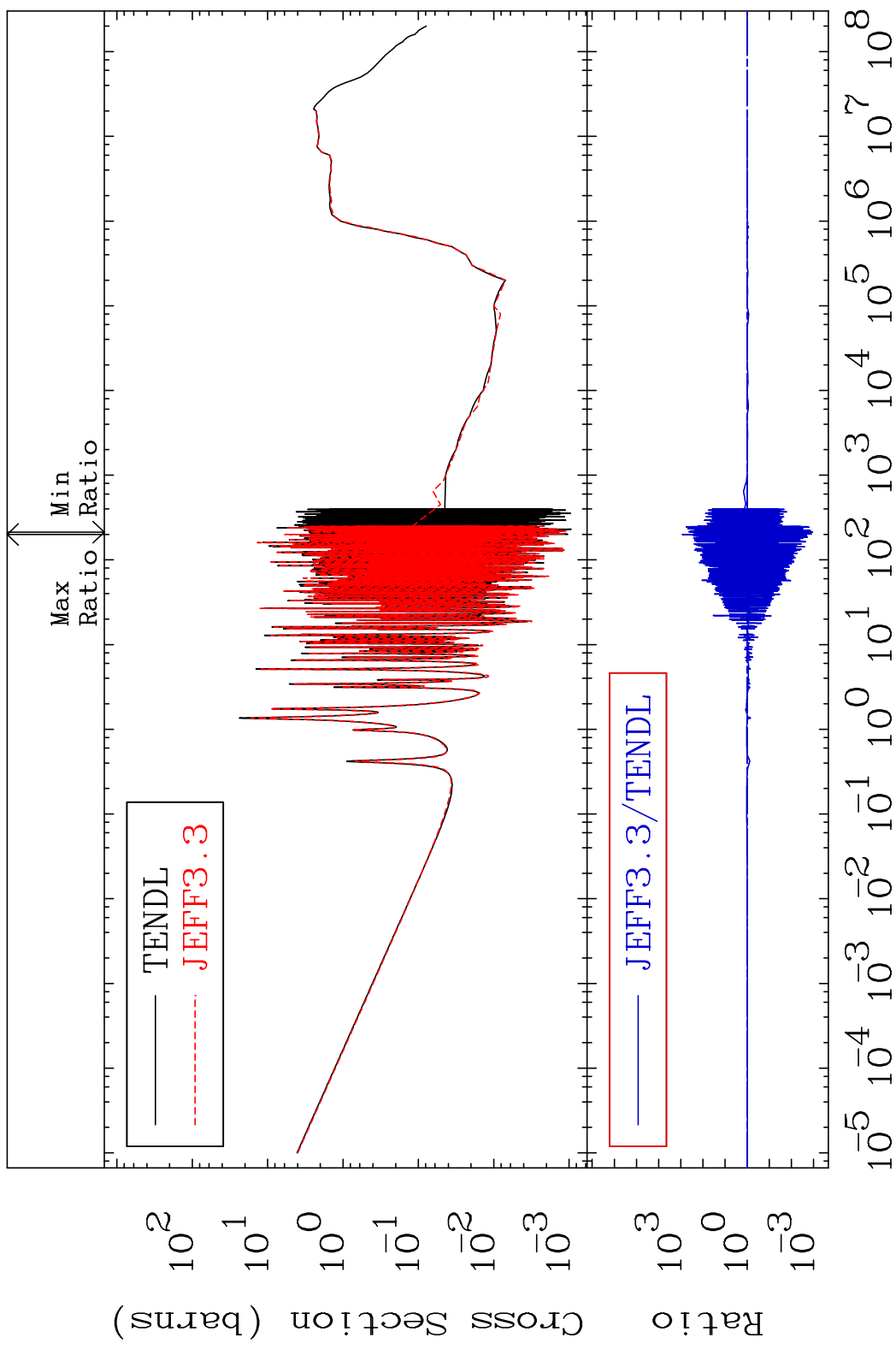
4 7 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2 95-Am-243

MAT 9549 (n,3n) 95-Am-243  
 Cross Section -100.0 To 9999. %



MAT 9549

Fission Cross Section -99.89 To 9999. %  
95-Am-243

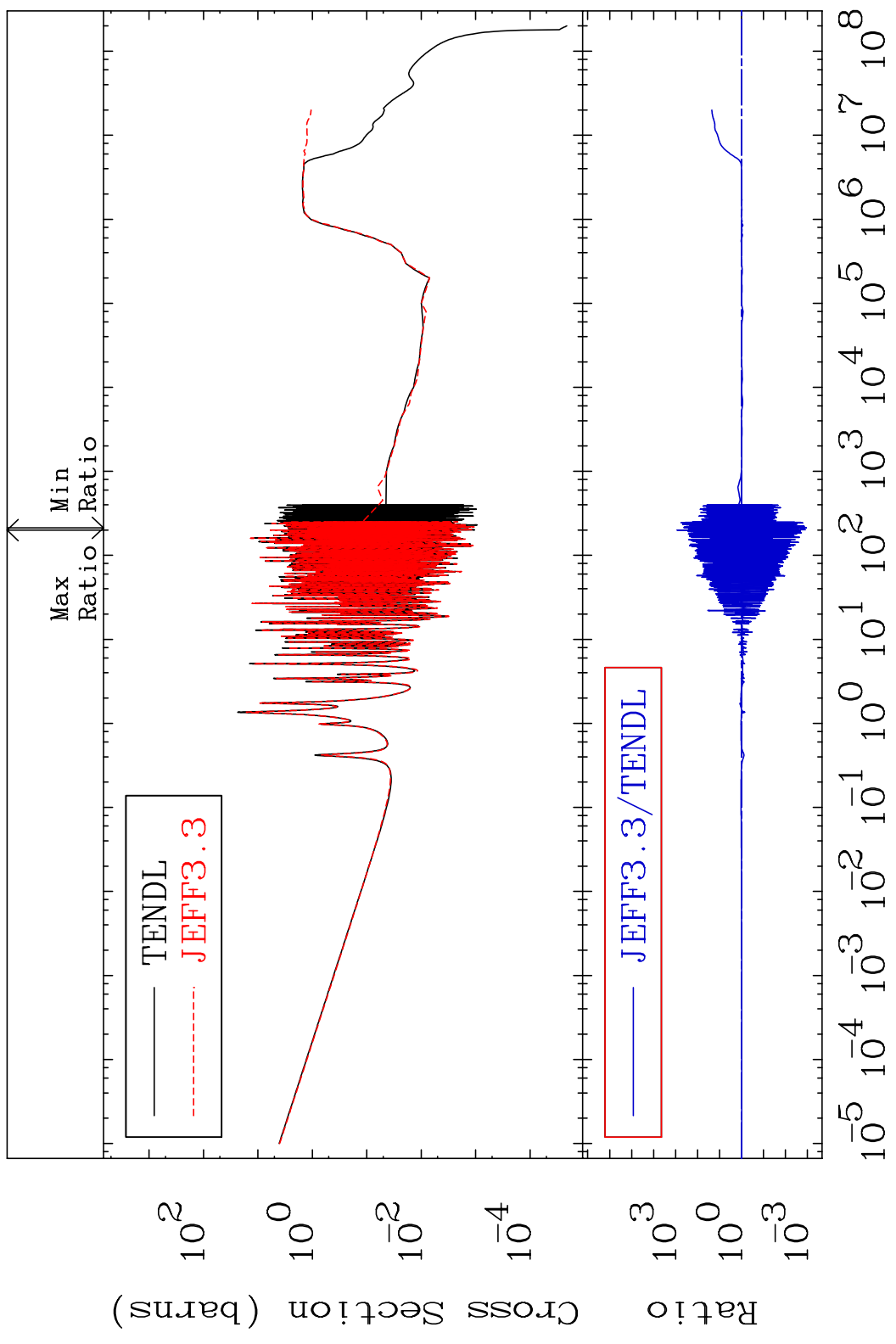


MAT 9549

(n,f) First Chance

95-Am-243

Cross Section -99.89 To 9999. %



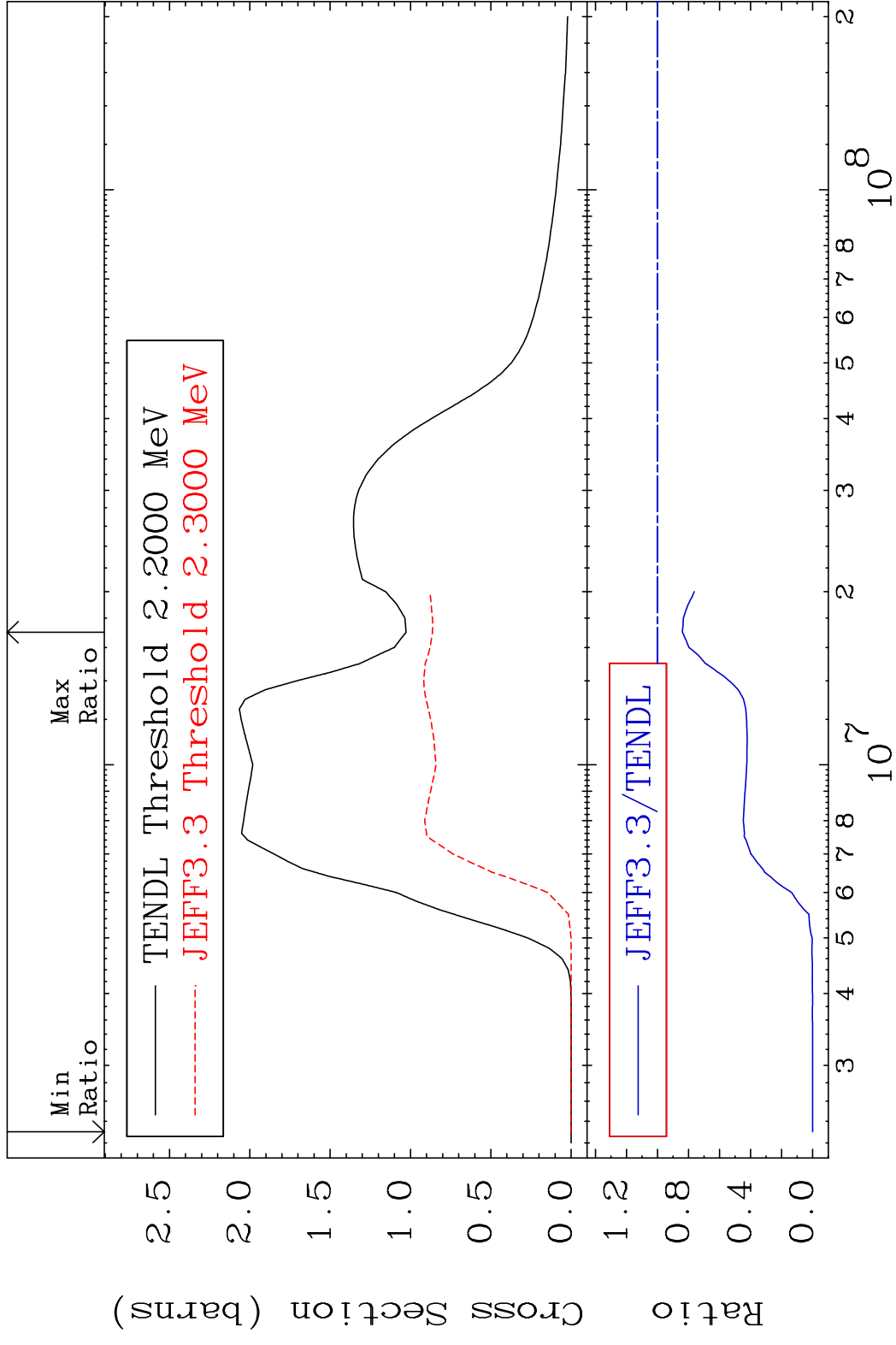
7

Incident Energy (eV)

95-Am-243



MAT 9549 (n, nf) Second Chance 95-Am-243  
 Cross Section -100.0 To -15.98%

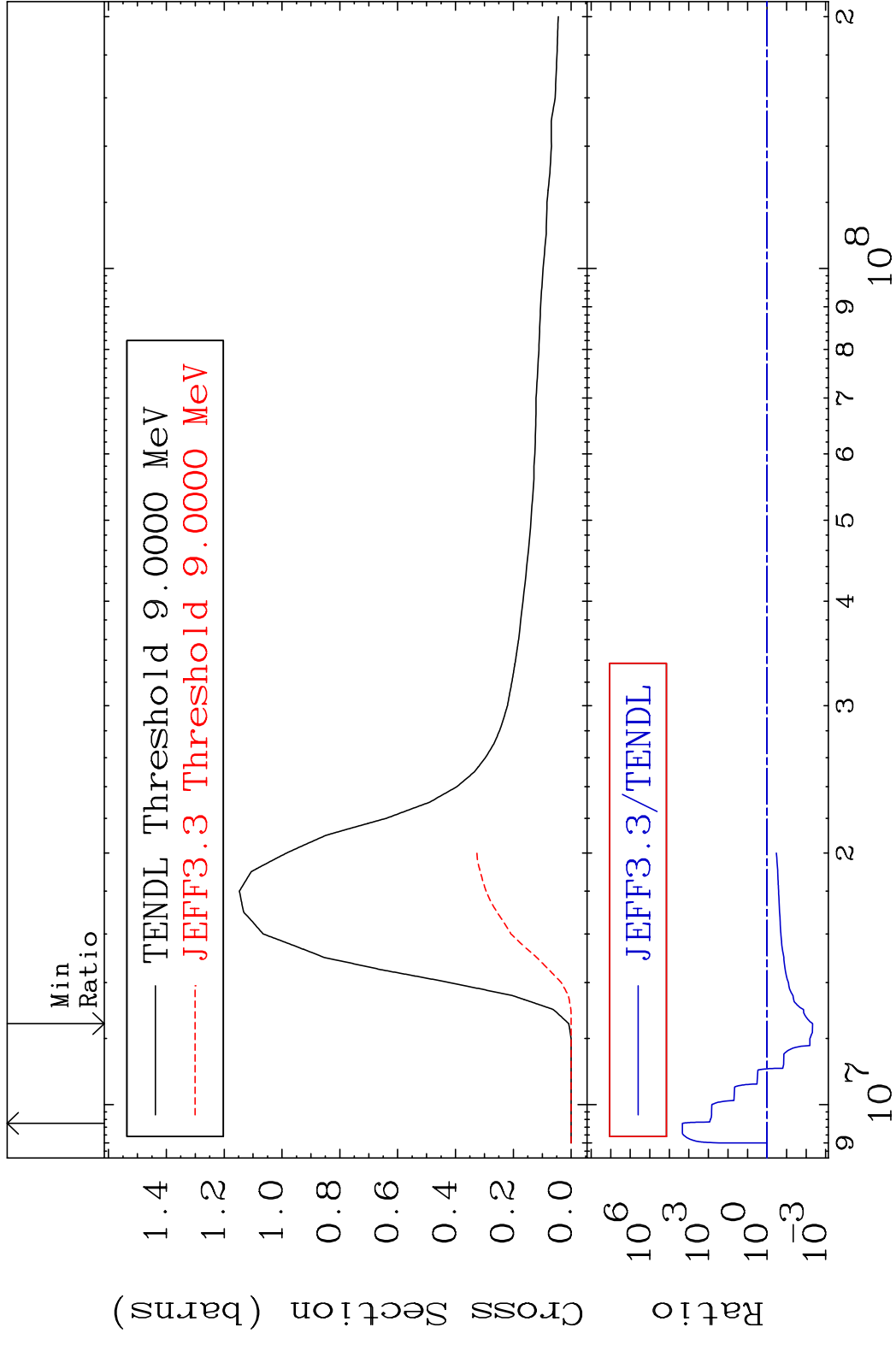


MAT 9549

(n,2nf) Third Chance

95-Am-243

Cross Section -99.53 To 9999. %



9

Incident Energy (eV)

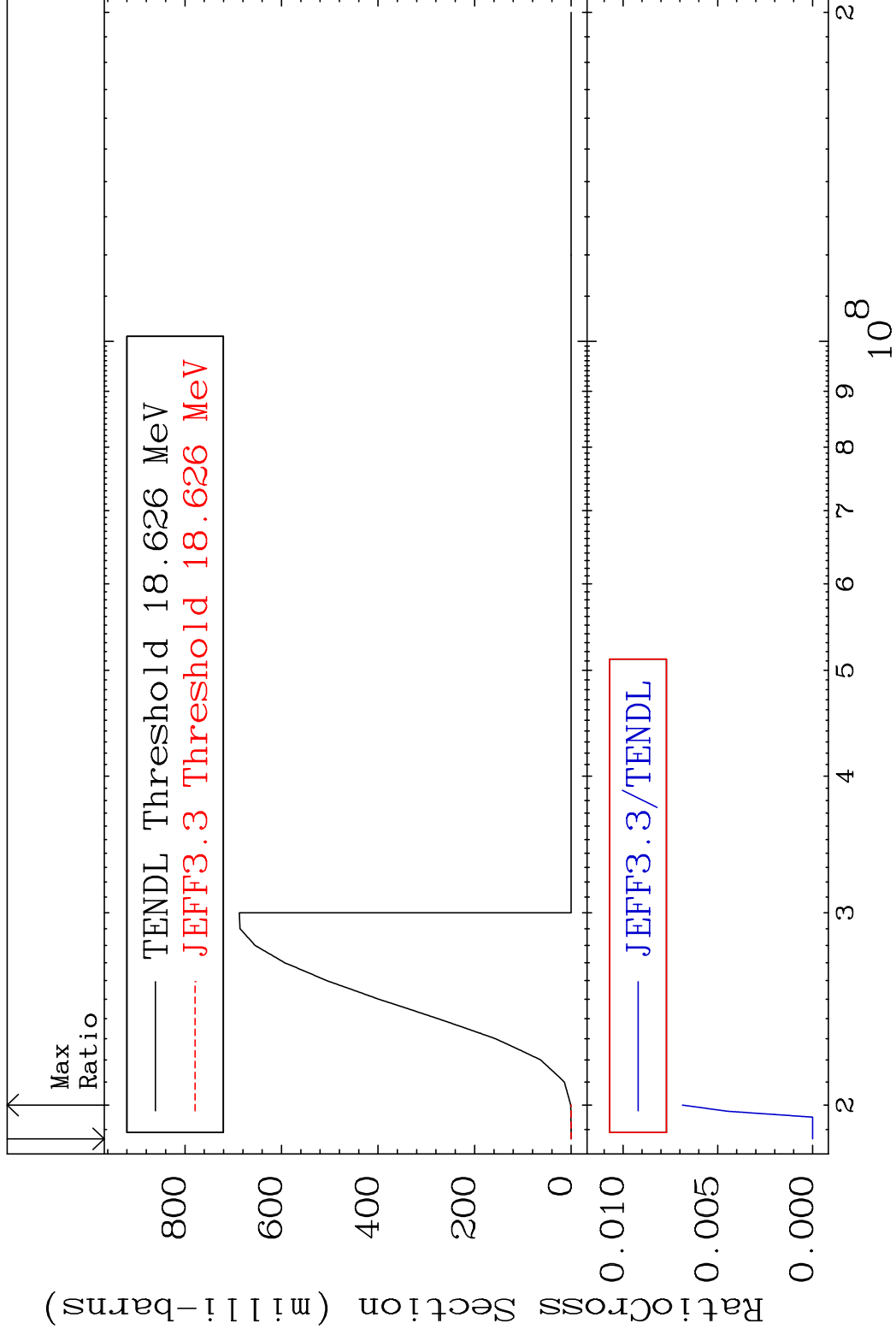
95-Am-243

MAT 9549

(n, 4n)

95-Am-243

Cross Section -100.0 To -99.31%

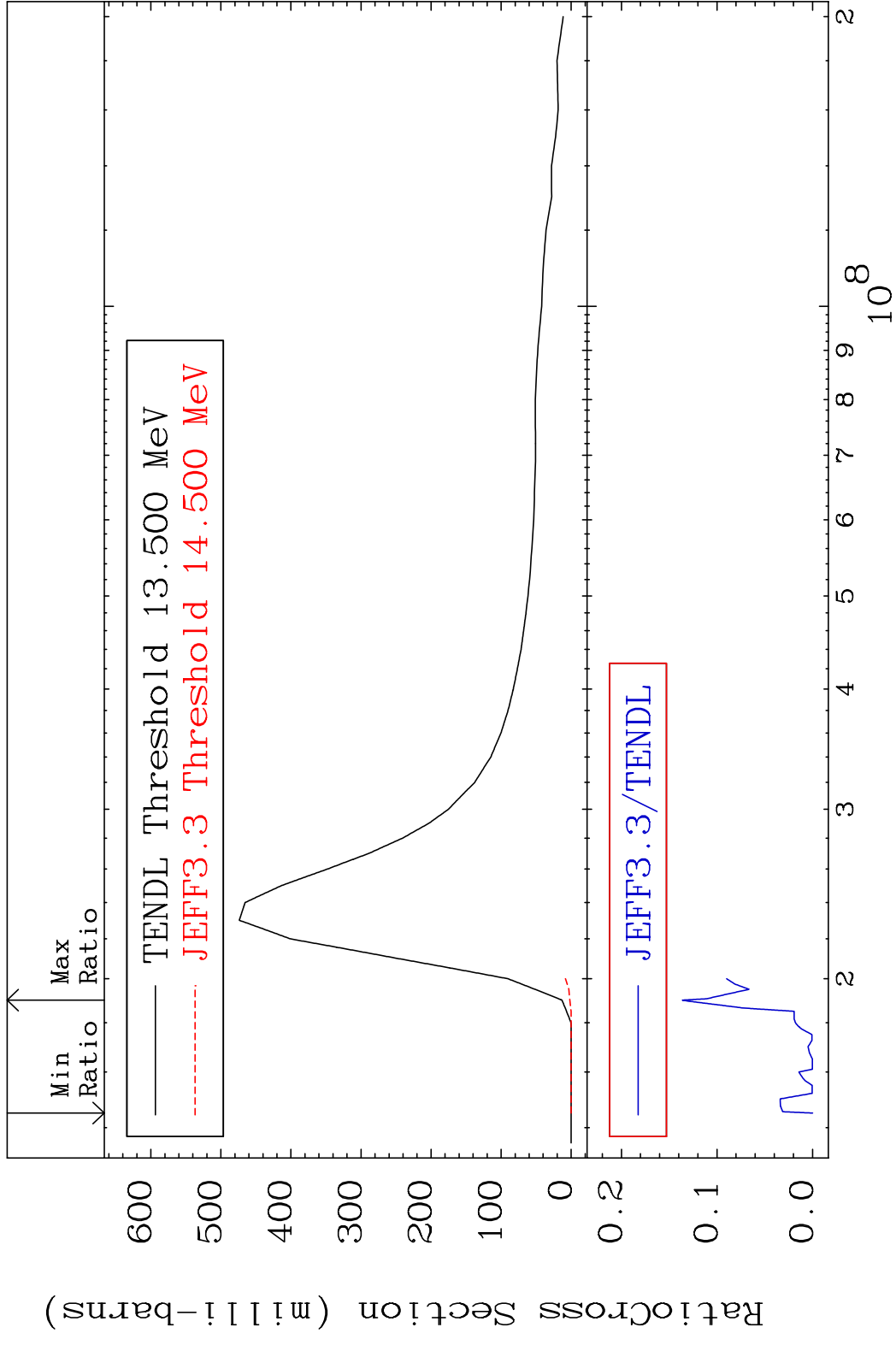


10

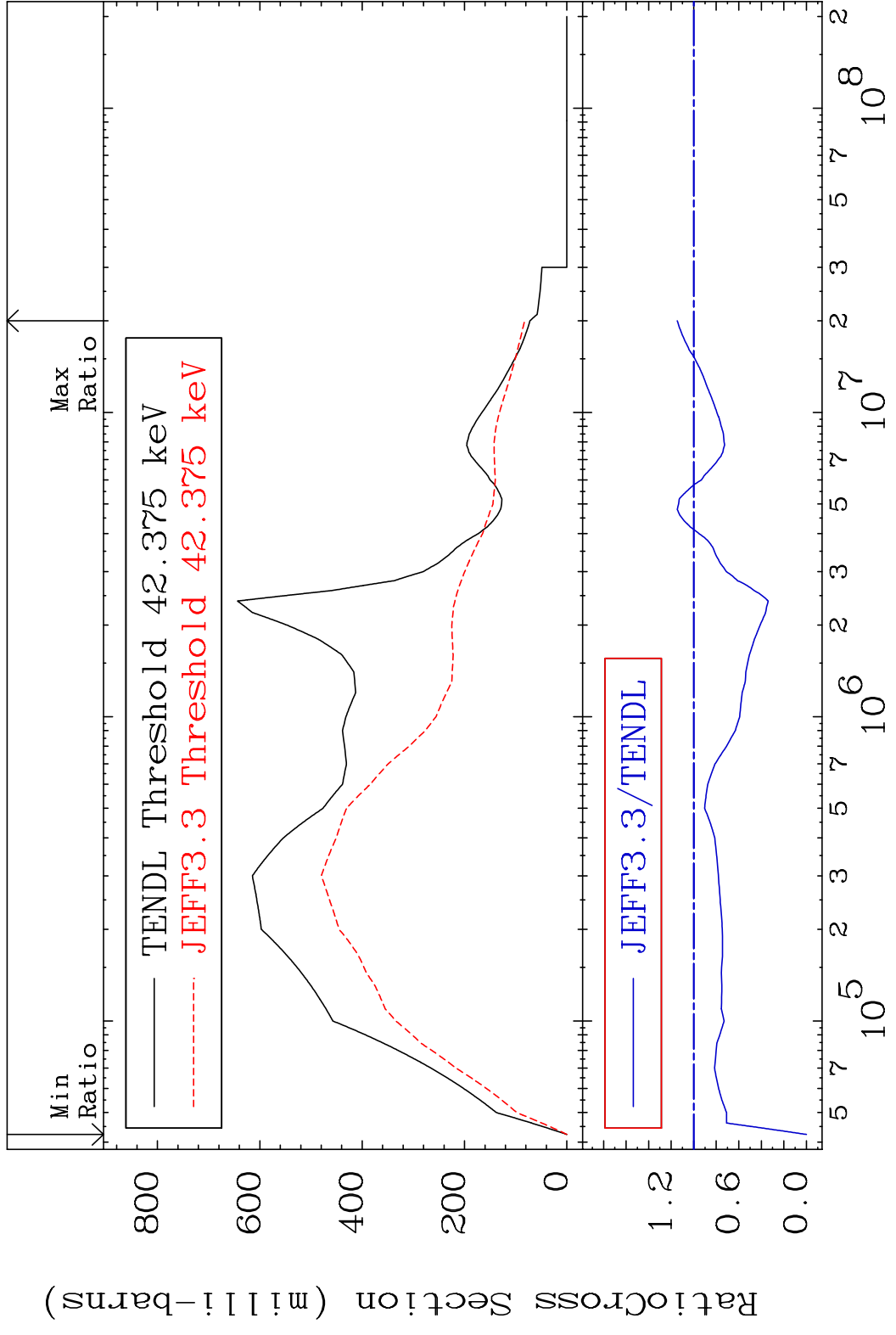
Incident Energy (eV)

95-Am-243

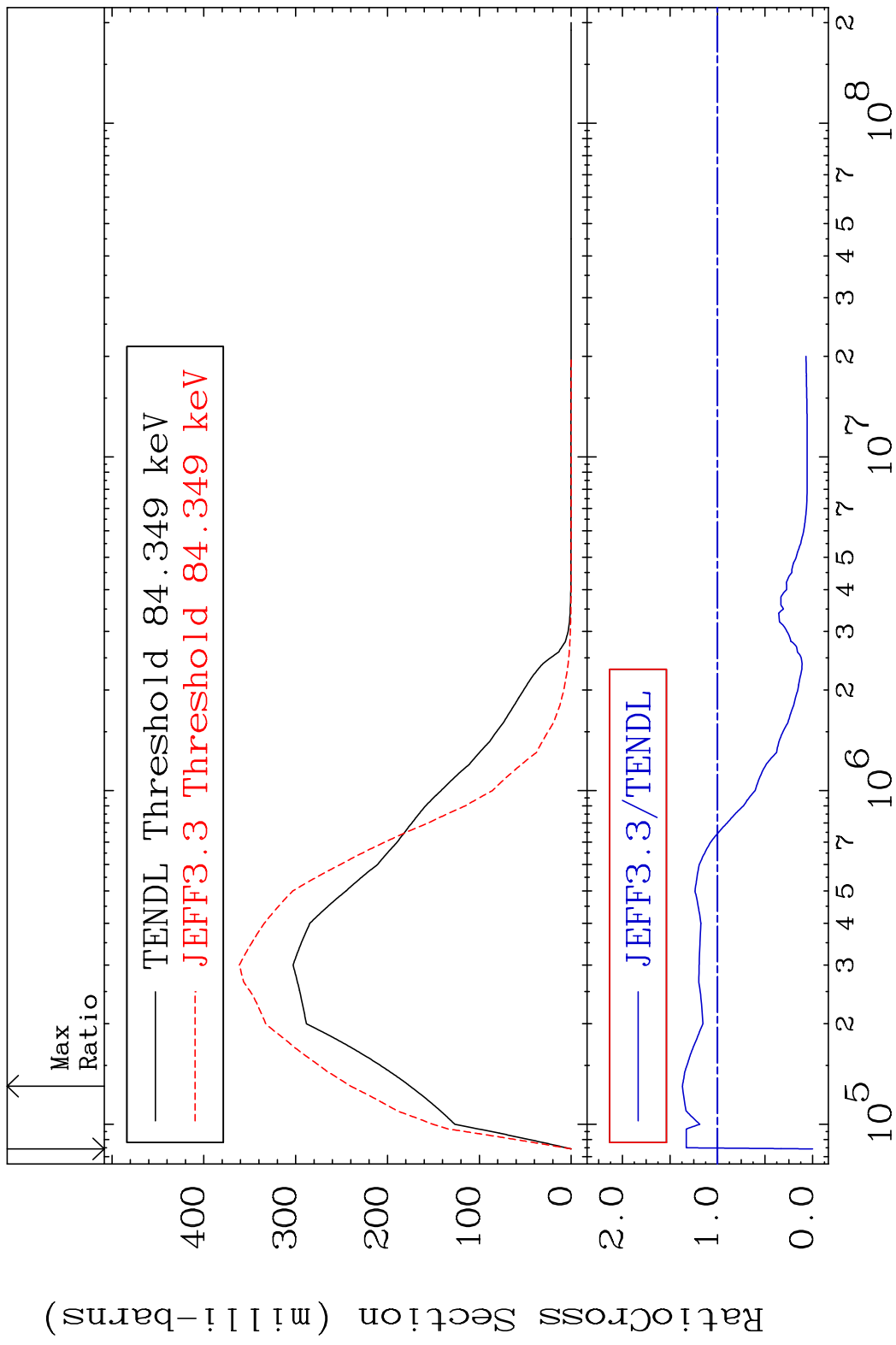
Cross Section -100.0 To -86.38%



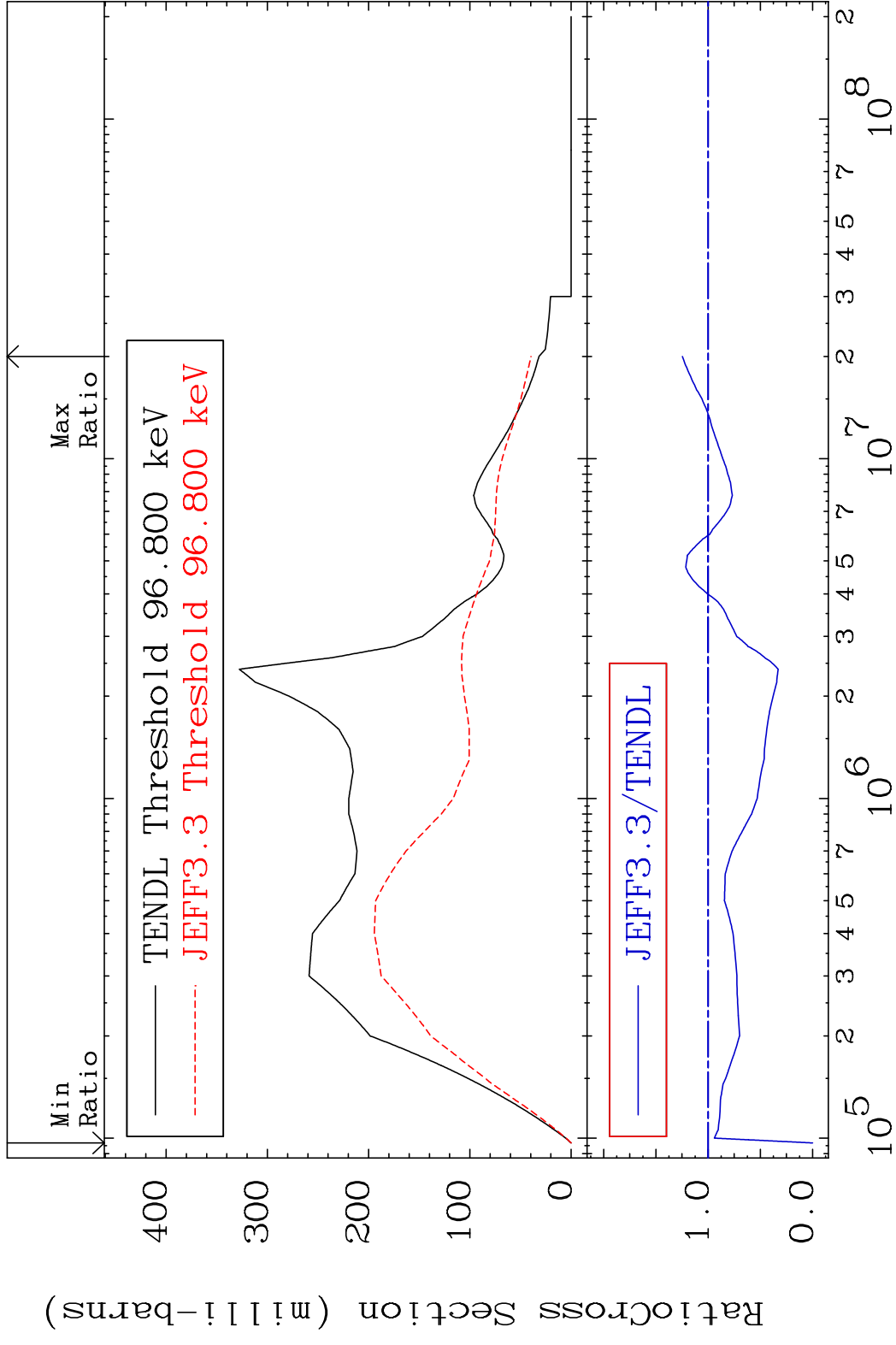
MAT 9549 MT= 51 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 14.66 %



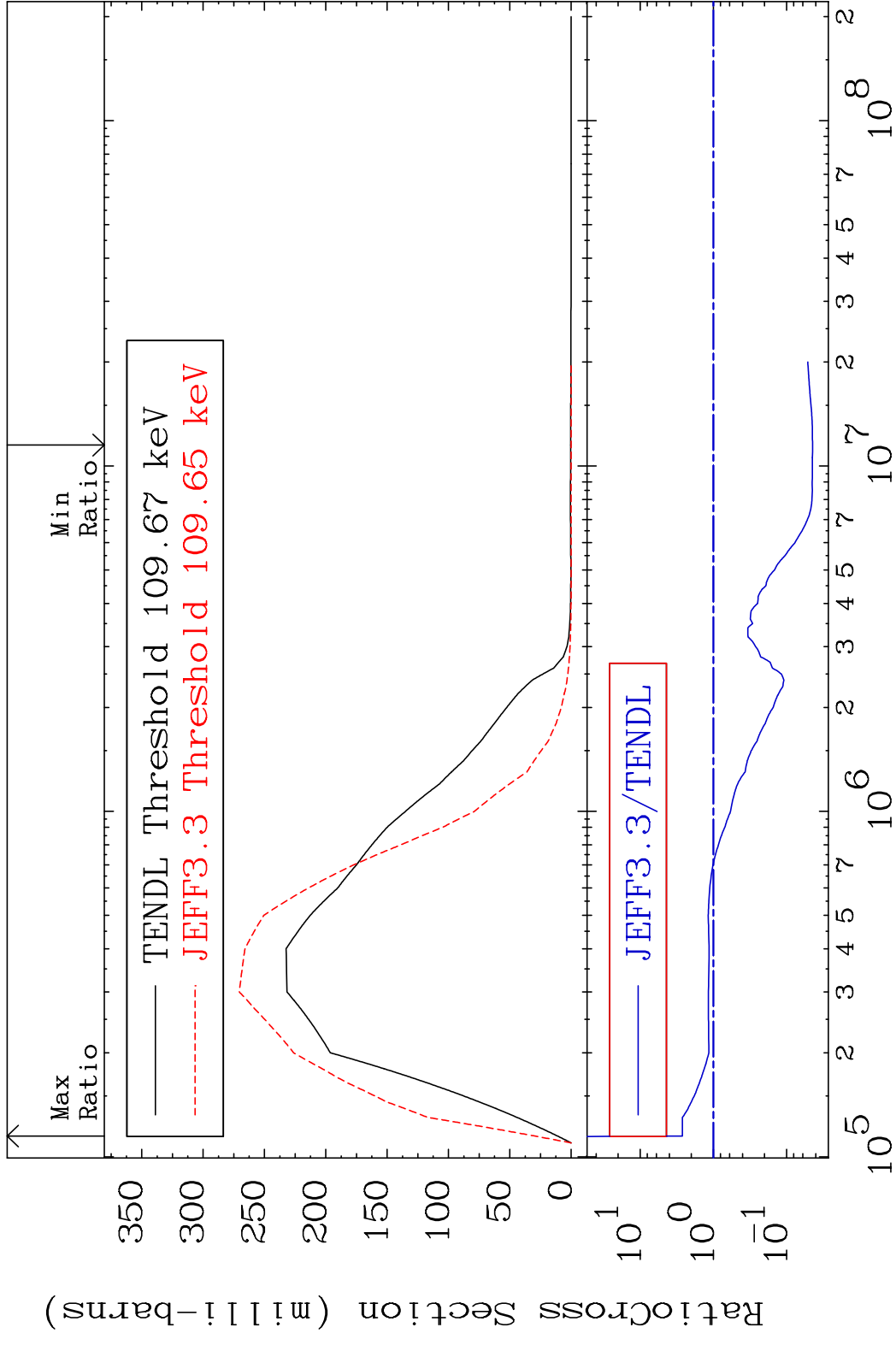
MAT 9549 MT= 52 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 36.98 %



MAT 9549 MT= 53 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 24.66 %



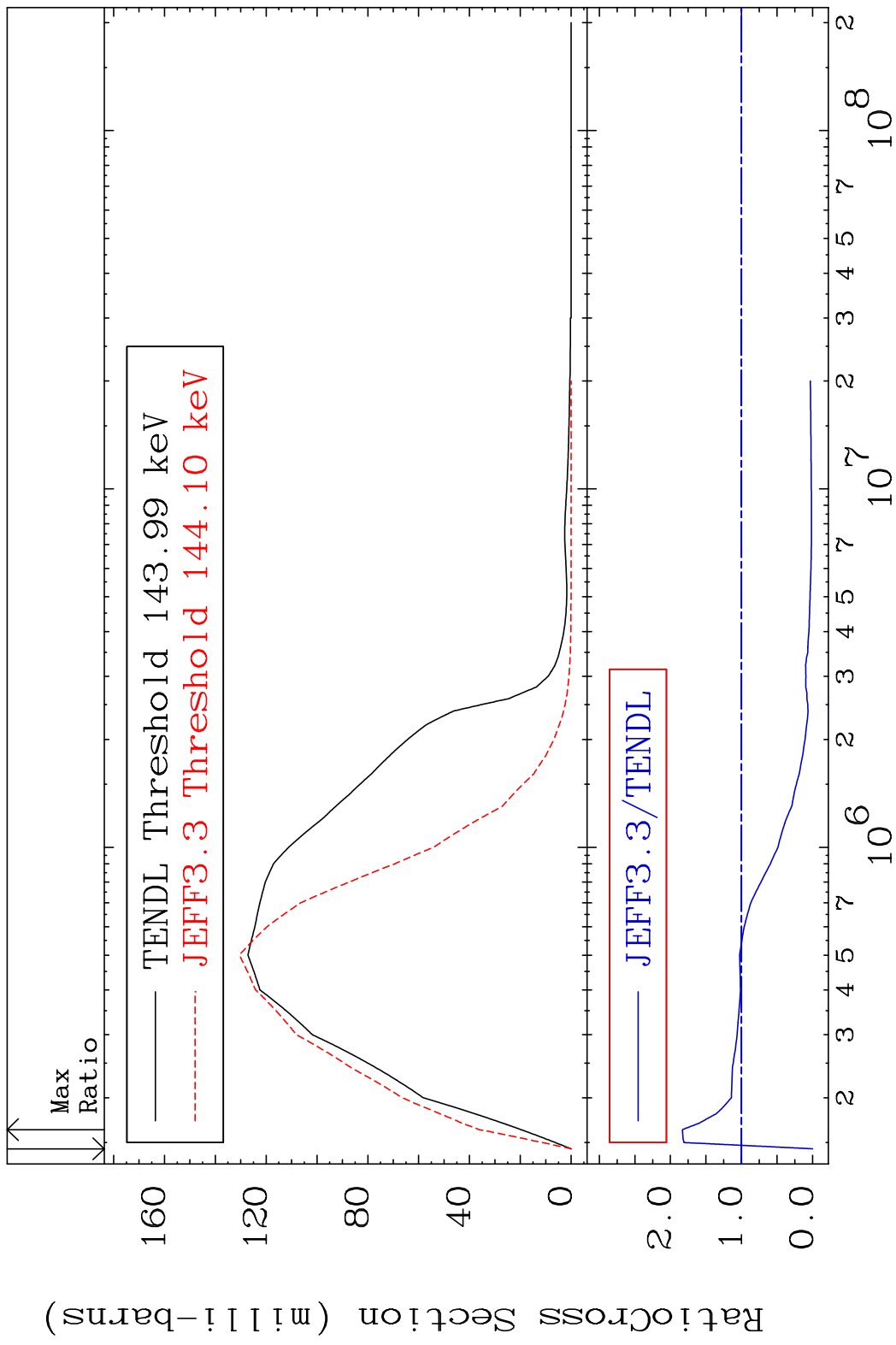
MAT 9549 MT= 54 (n, n') Level 95-Am-243  
 Cross Section -95.57 To 165.5 %



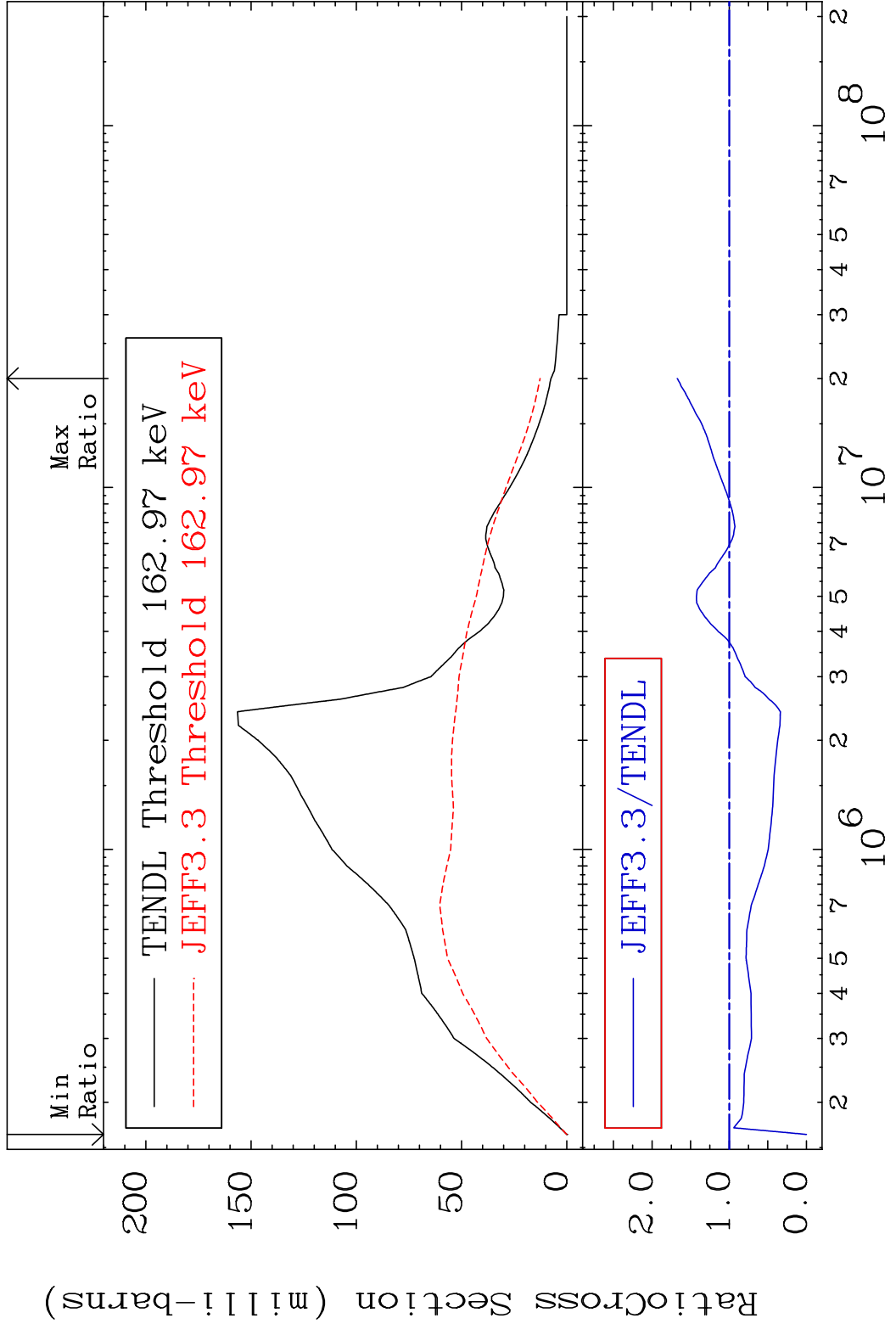
15 Incident Energy (eV) 95-Am-243



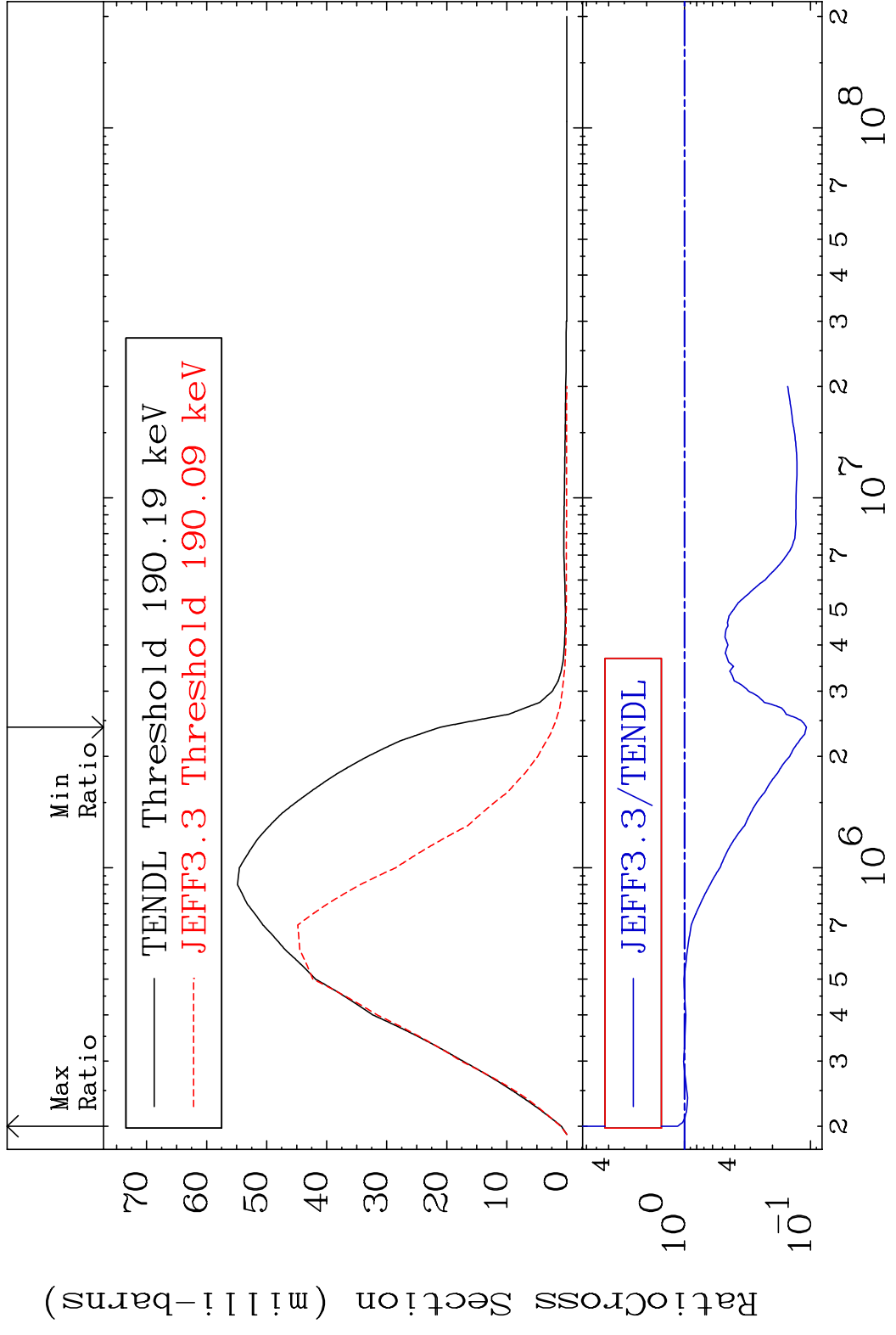
MAT 9549 MT= 55 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 83.18 %



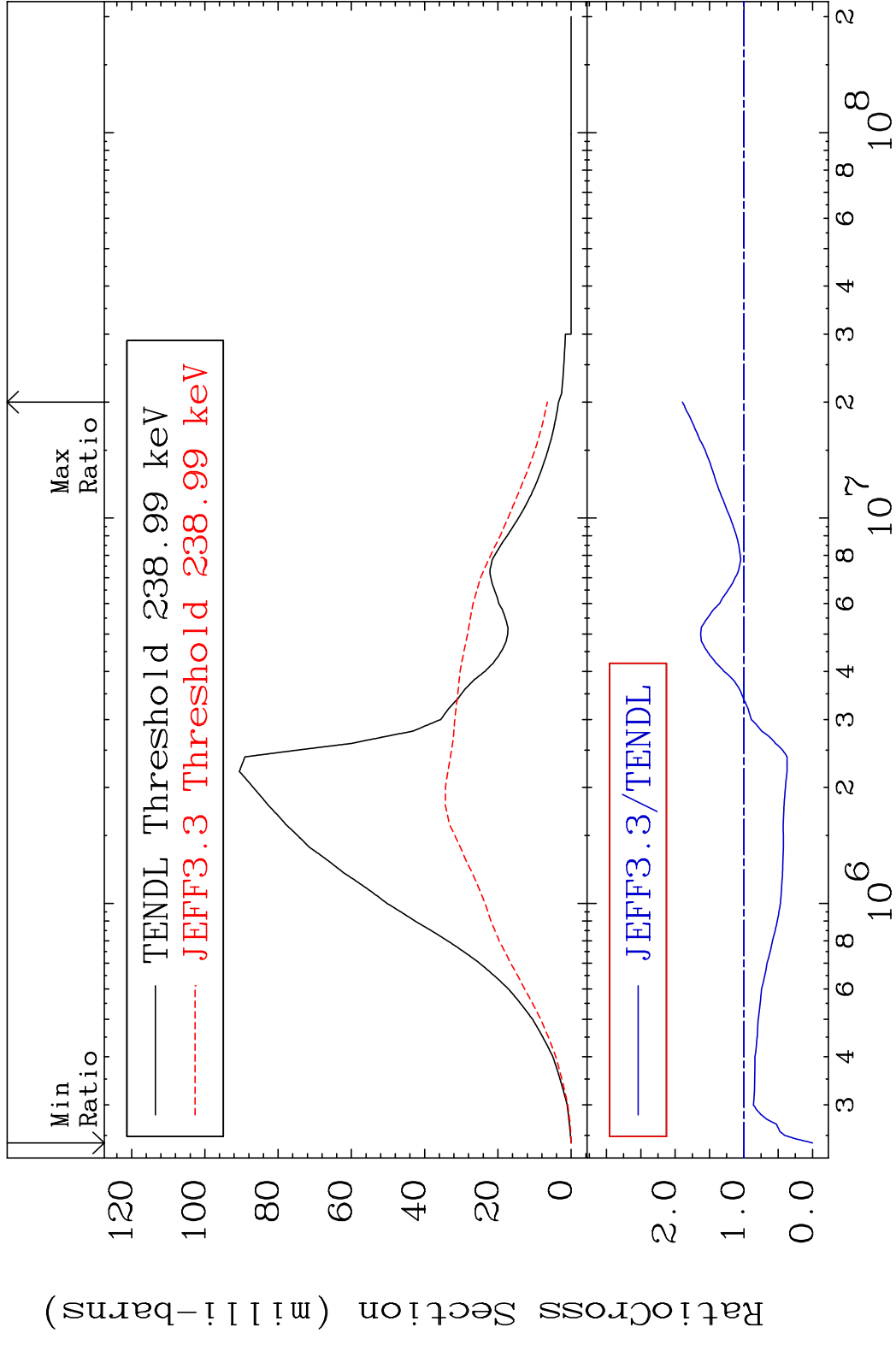
MAT 9549 MT= 56 (n,n') Level 95-Am-243  
 Cross Section -100.0 To 67.39 %



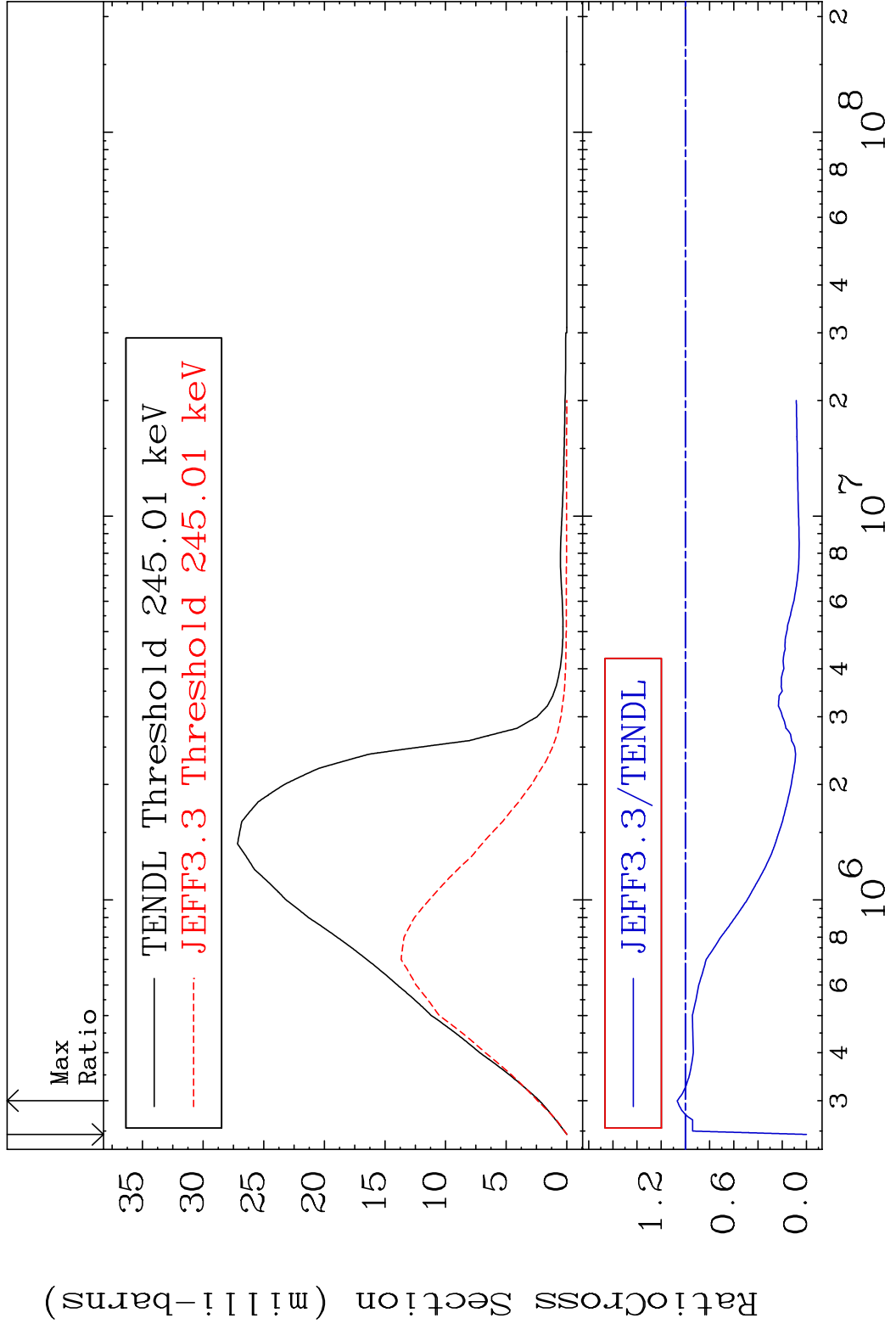
MAT 9549 MT= 57 (n, n') Level 95-Am-243  
 Cross Section -89.22 To 14.29 %



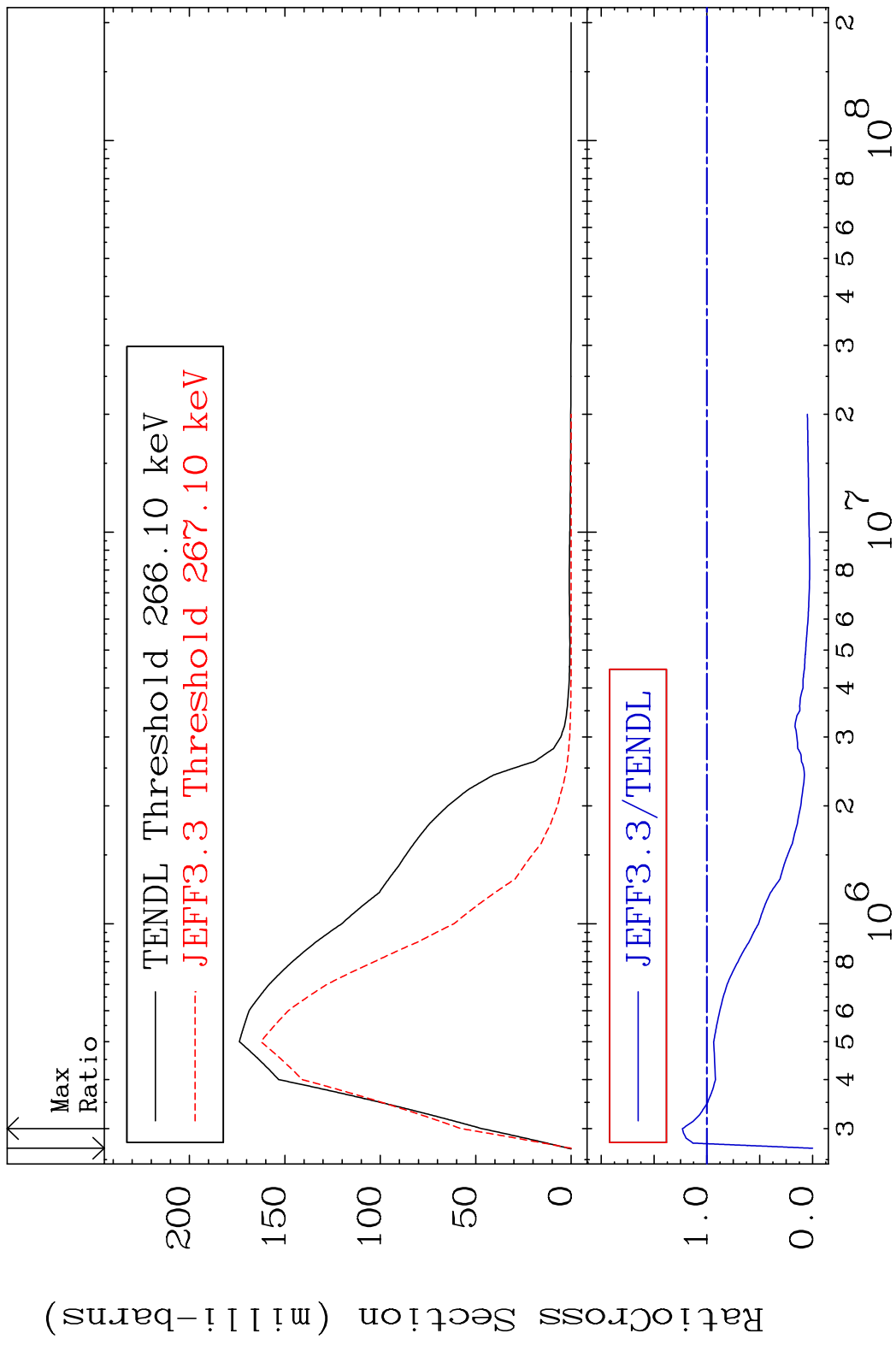
MAT 9549 MT= 58 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 89.52 %



MAT 9549 MT= 59 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 6.810 %



MAT 9549 MT= 60 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 23.21 %

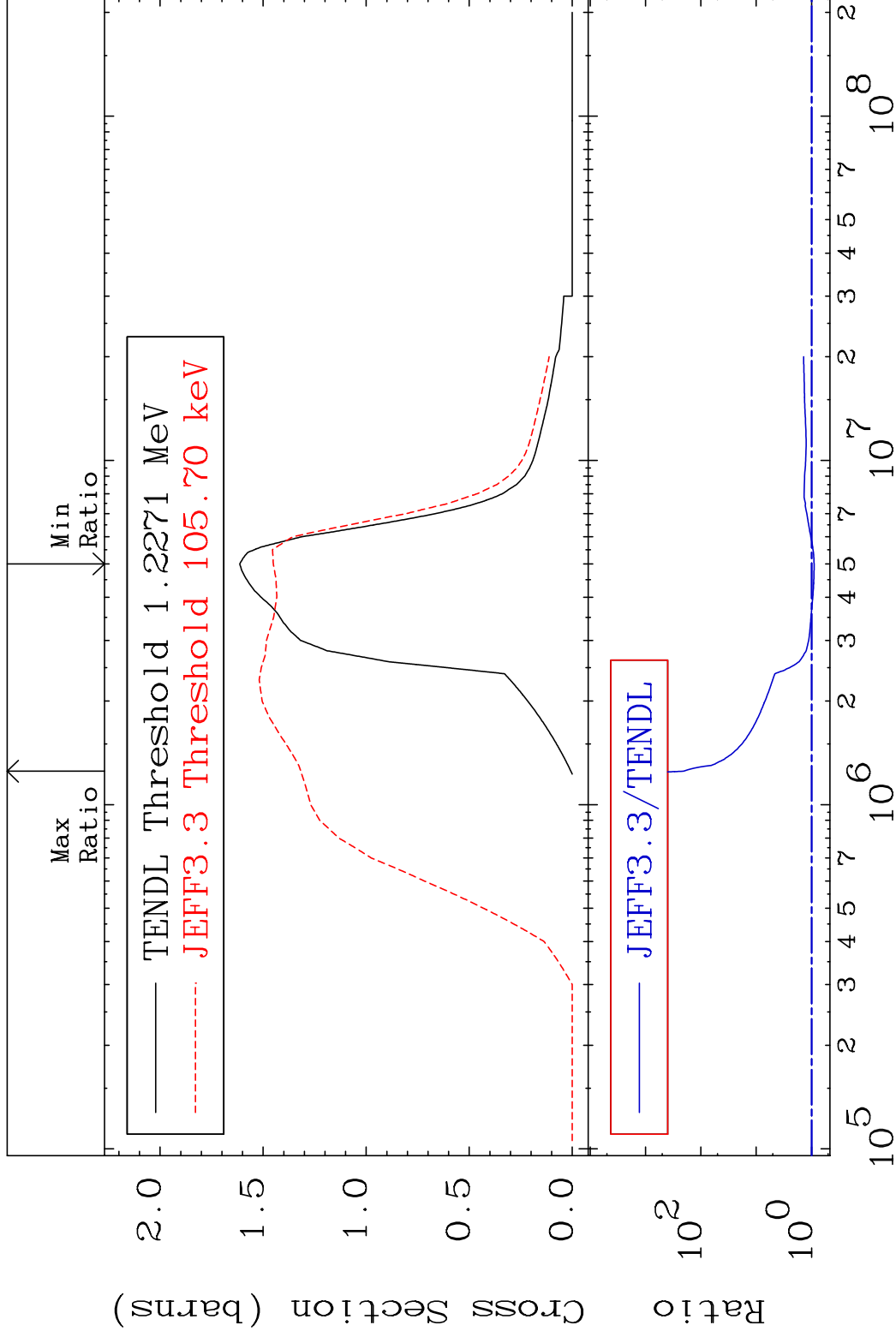


MAT 9549

(n, n') Continuum

95-Am-243

Cross Section -10.09 To 9999. %



22

Incident Energy (eV)

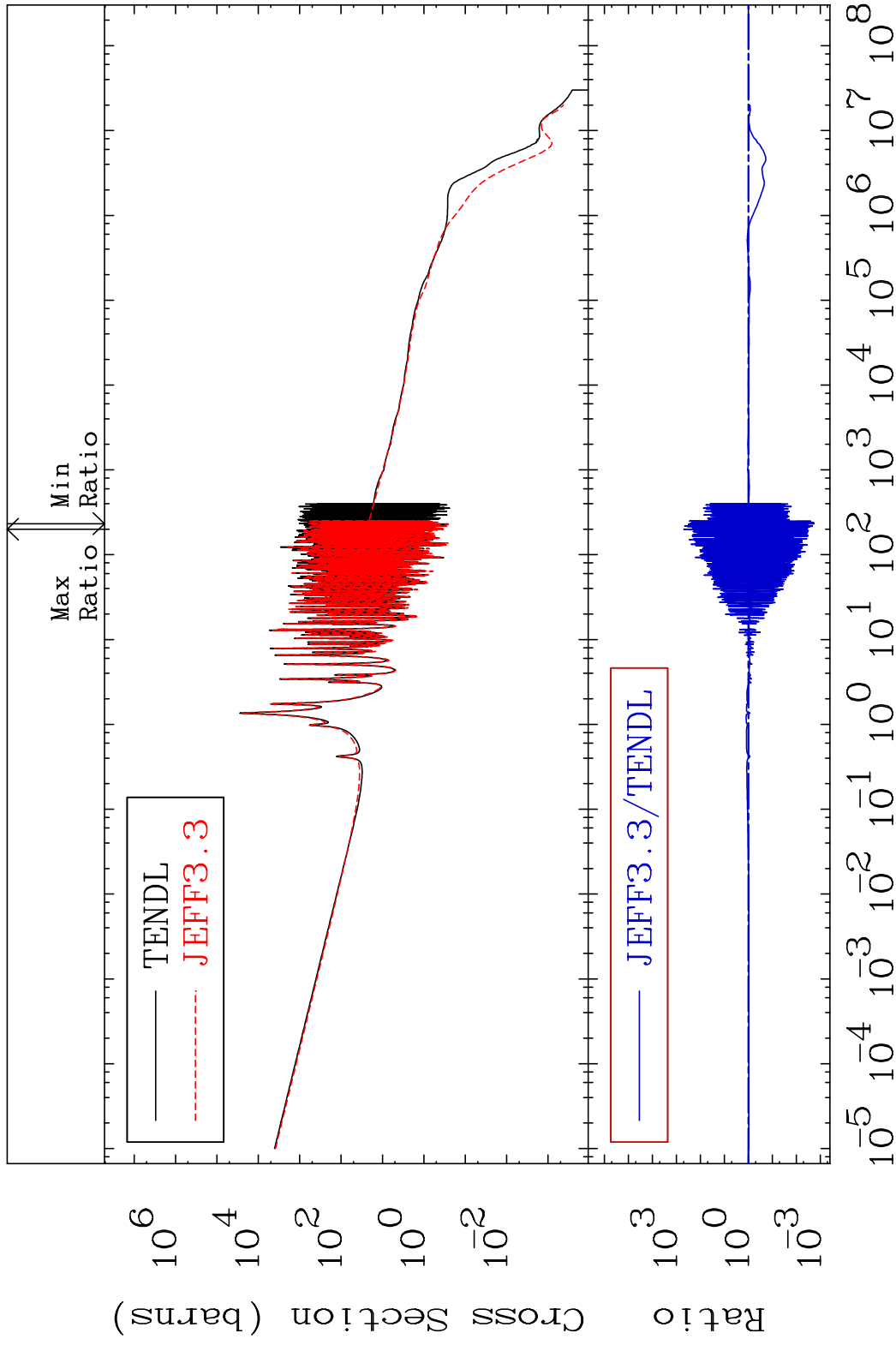
95-Am-243

MAT 9549

(n,  $\gamma$ )

95-Am-243

Cross Section -99.82 To 9999. %



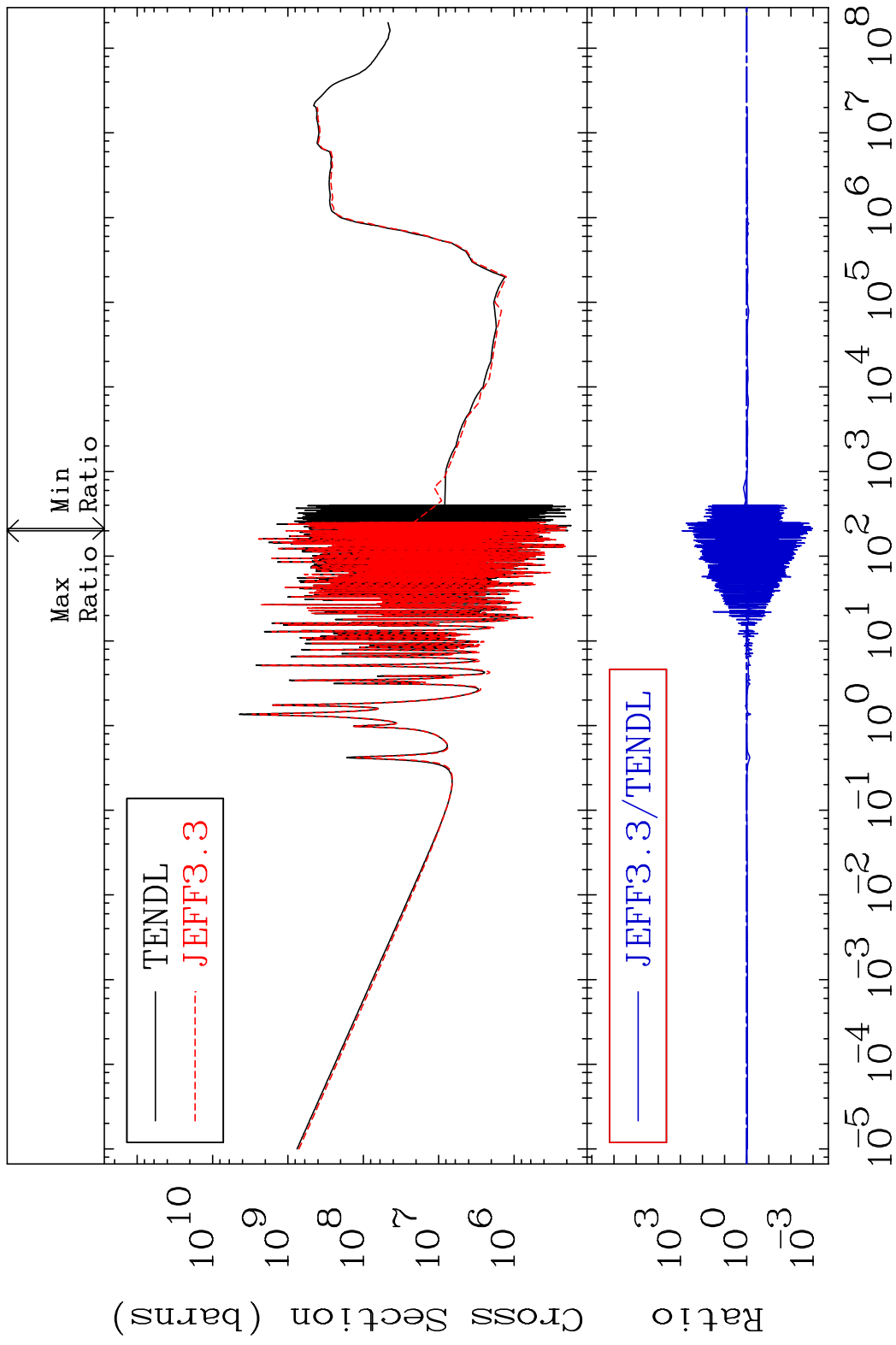
23

Incident Energy (eV)

95-Am-243

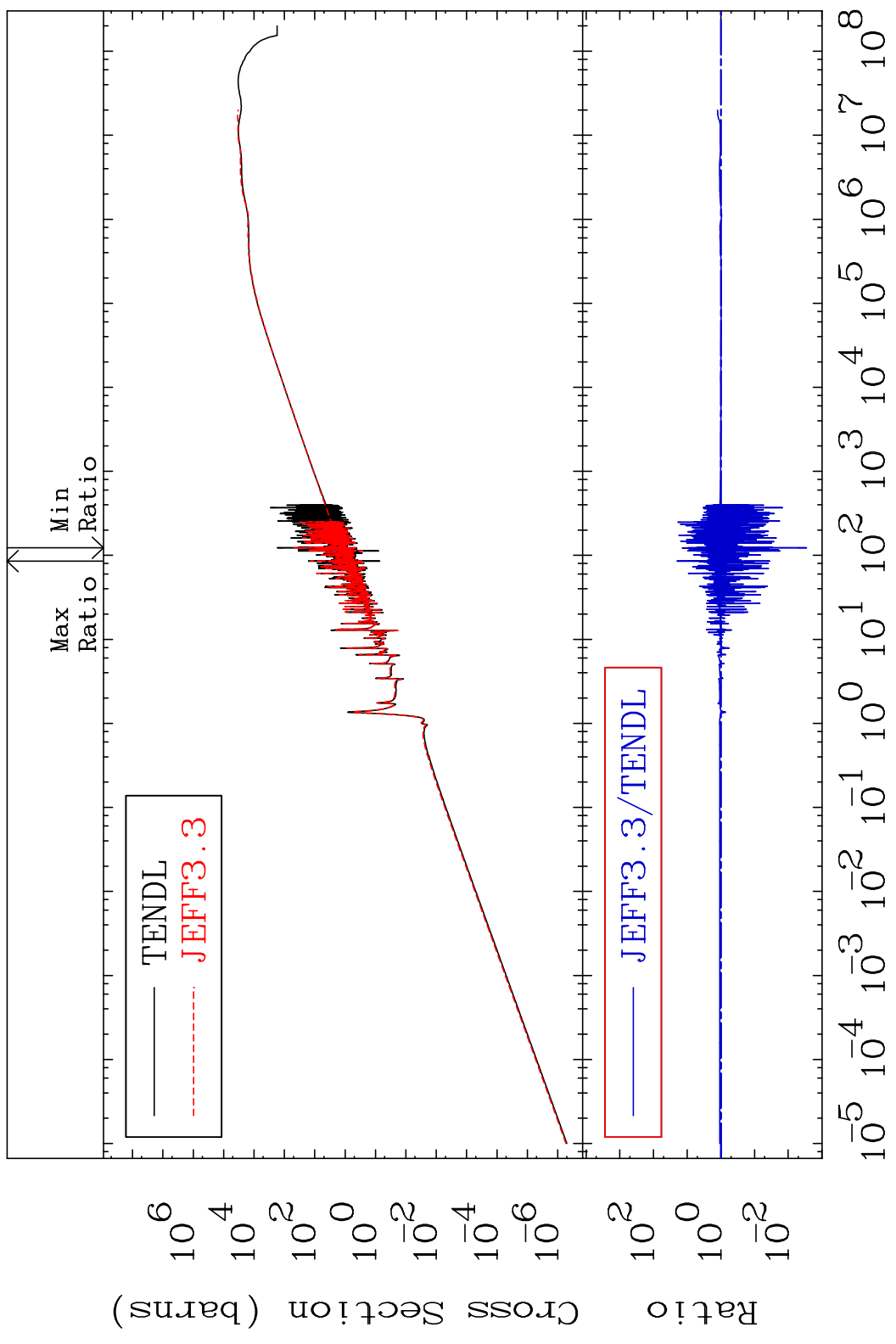


MAT 9549 Kerma total (eV-barns) 95-Am-243  
 Cross Section -99.89 To 9999. %

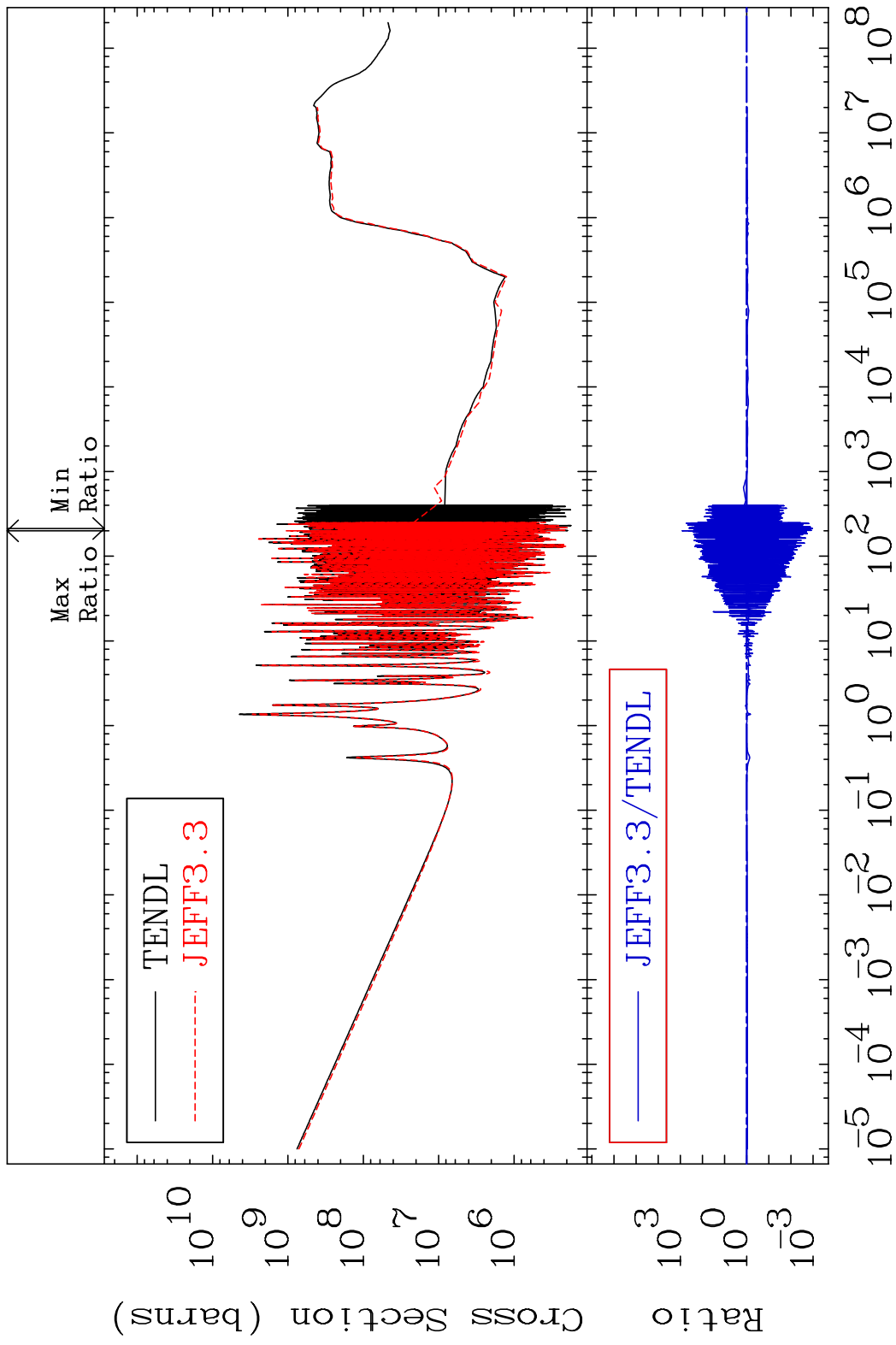


MAT 9549

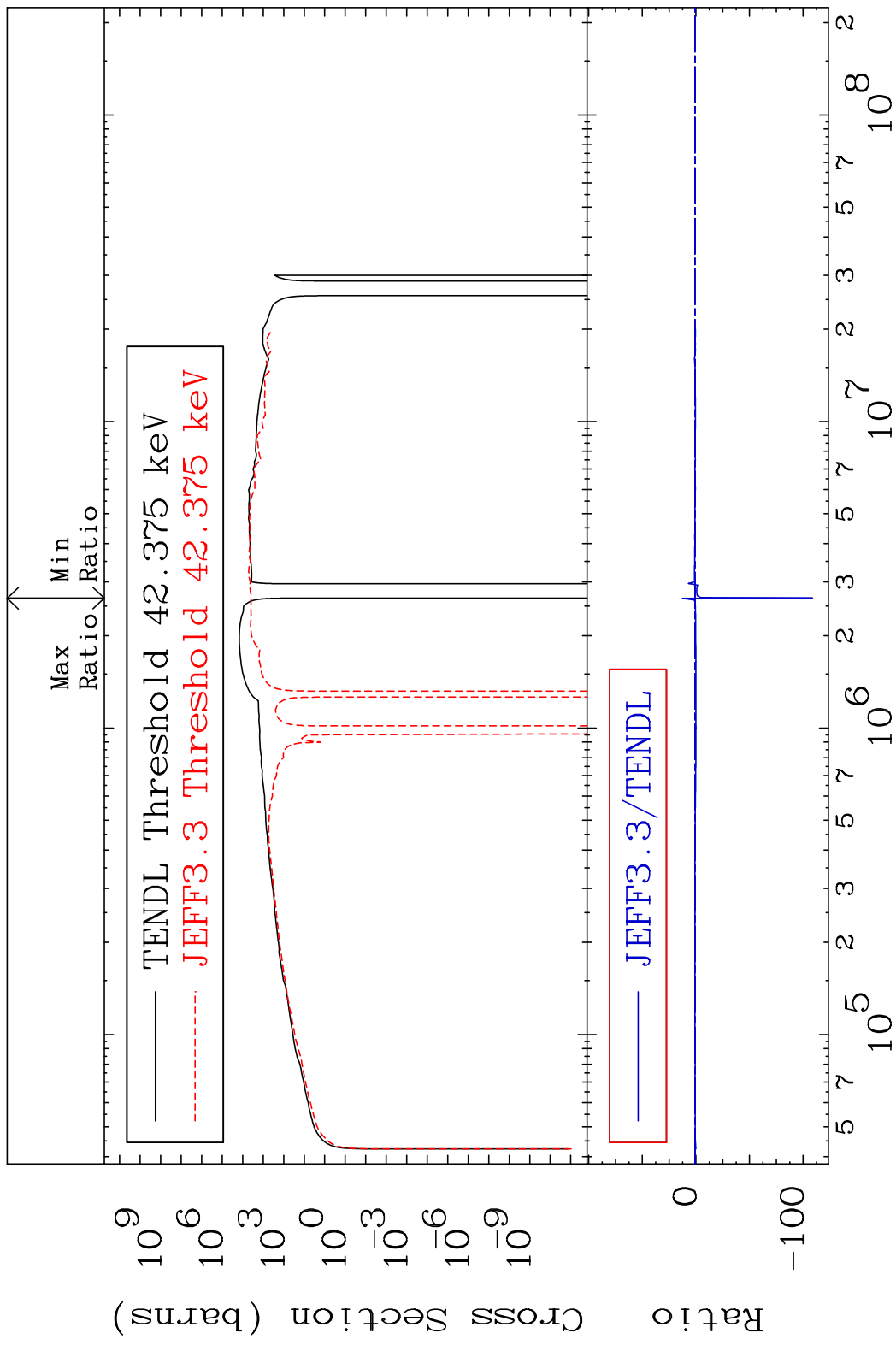
Kerma elastic Cross Section -99.71 To 1881. %  
95-Am-243



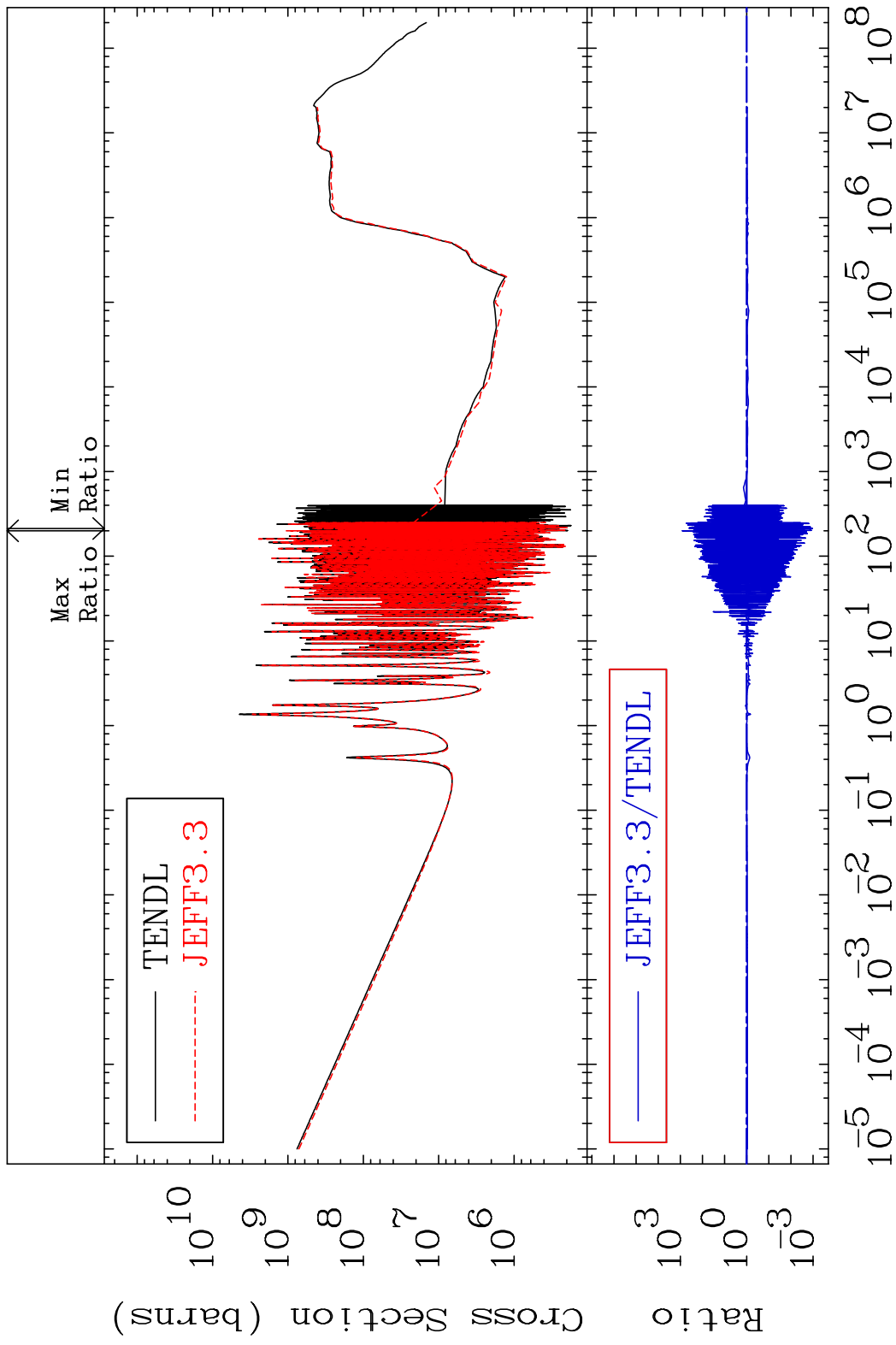
MAT 9549 Kerma non-elastic (all but mt2) 95-Am-243  
 Cross Section -99.89 To 9999. %



MAT 9549 Kerma inelastic (mt51-91) 95-Am-243  
 Cross Section -9999. To 1165. %

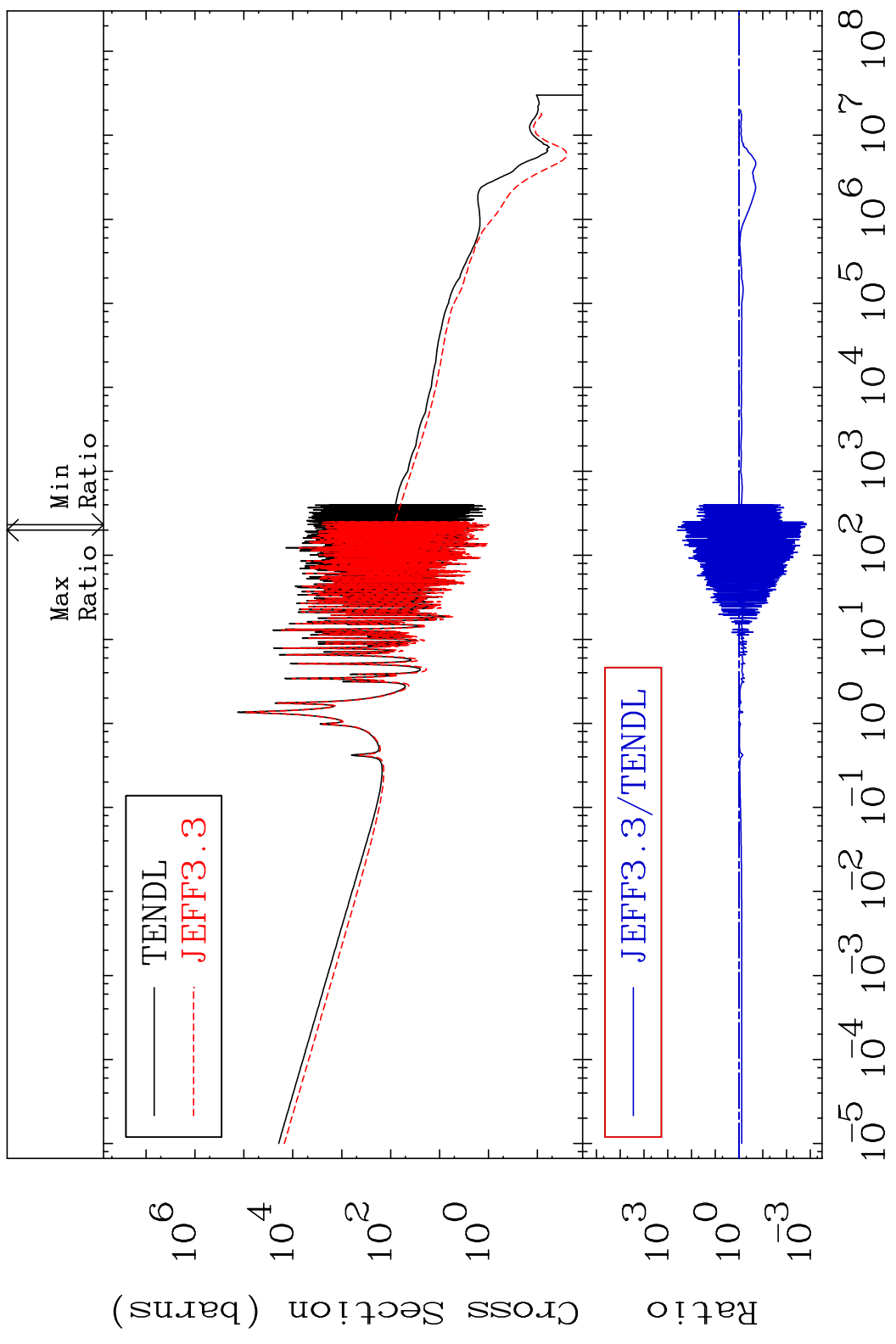


MAT 9549 Kerma fission (mt18 or mt19-20-21-38) 95-Am-243  
 Cross Section -99.89 To 9999. %



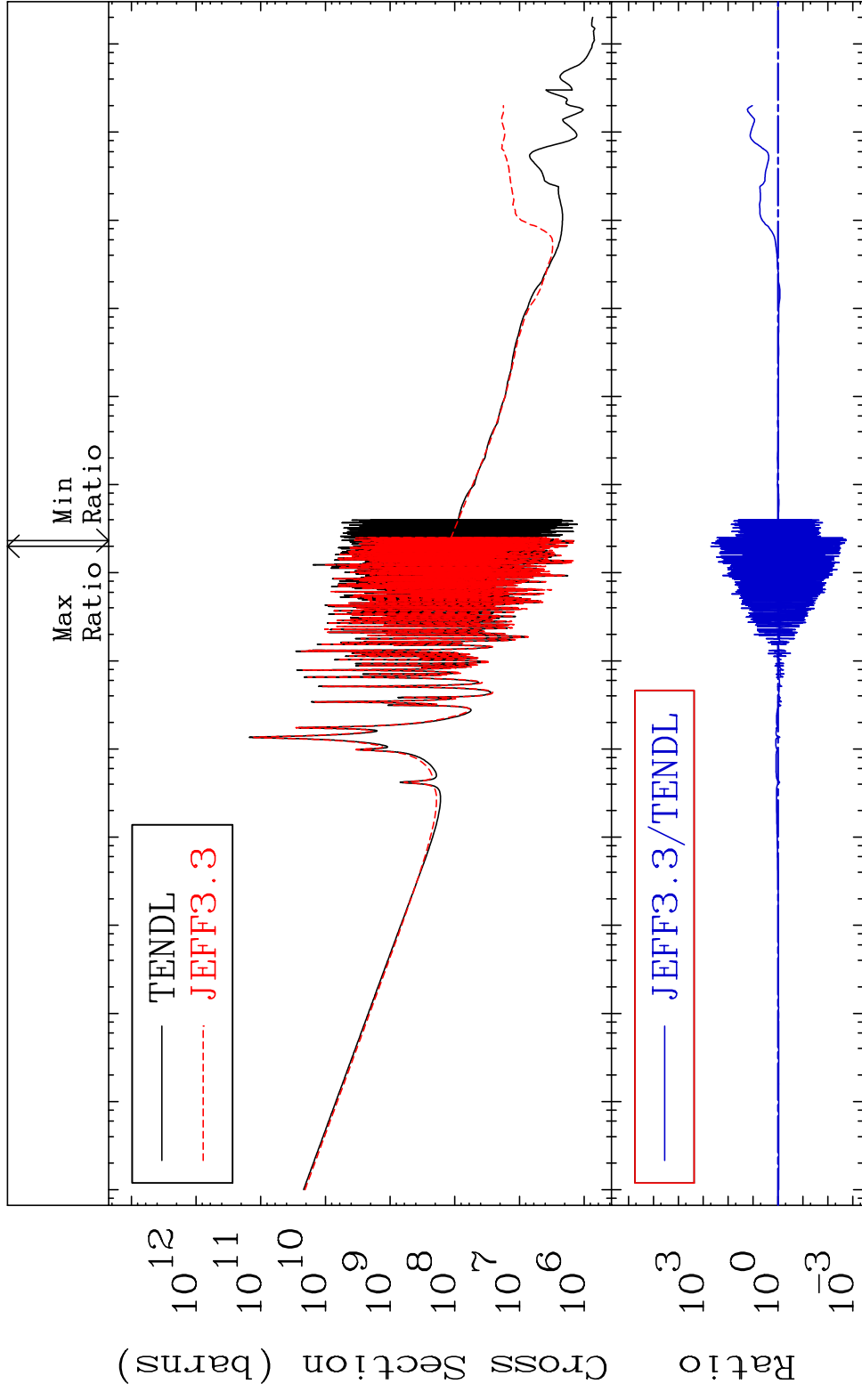
MAT 9549

Kerma capture (mt102) 95-Am-243  
Cross Section -99.85 To 9999. %

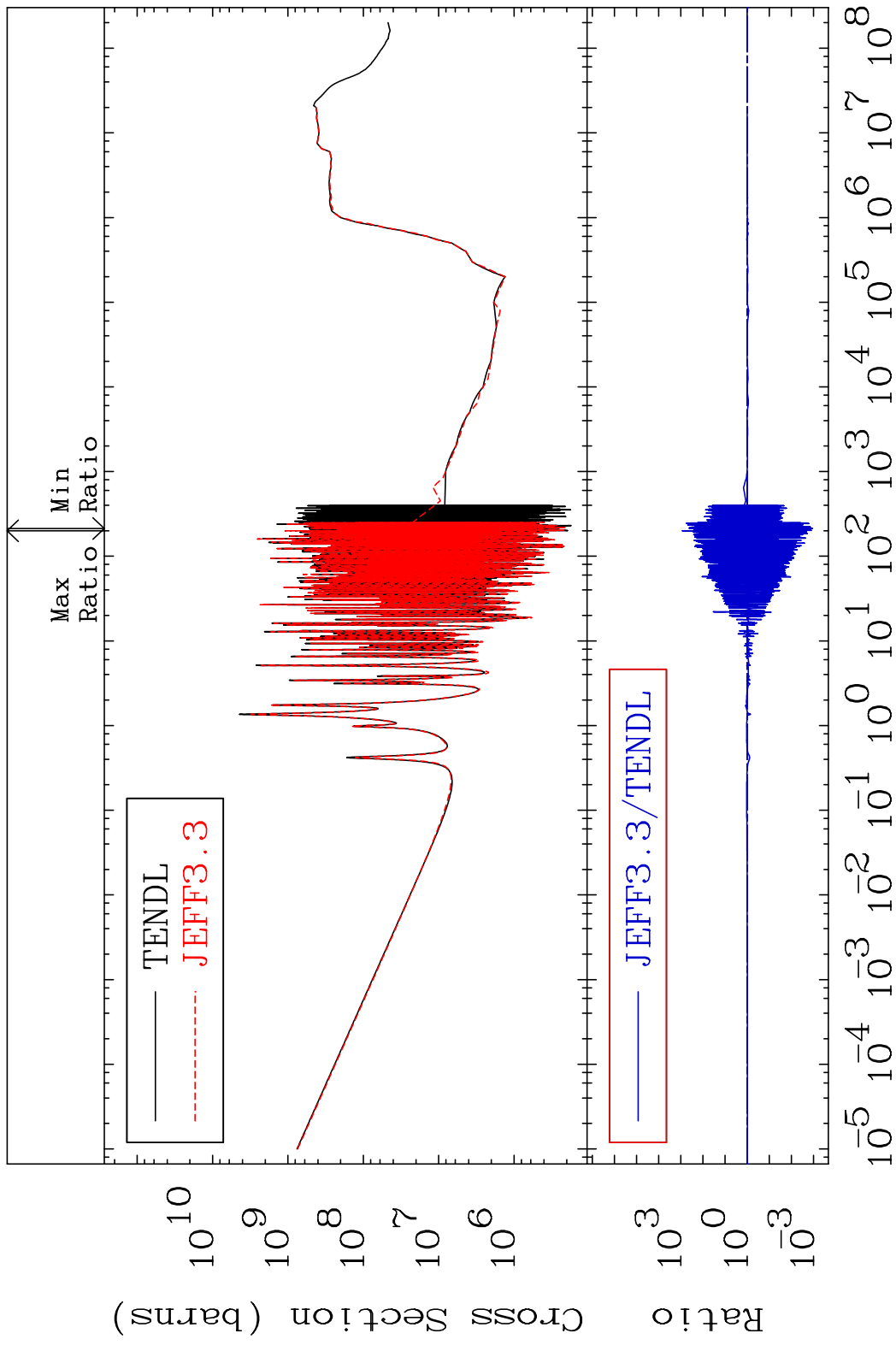


MAT 9549

Total photon (eV-barns) 95-Am-243  
Cross Section -99.82 To 9999. %



MAT 9549 Total kinematic kerma (high limit) 95-Am-243  
 Cross Section -99.89 To 9999. %



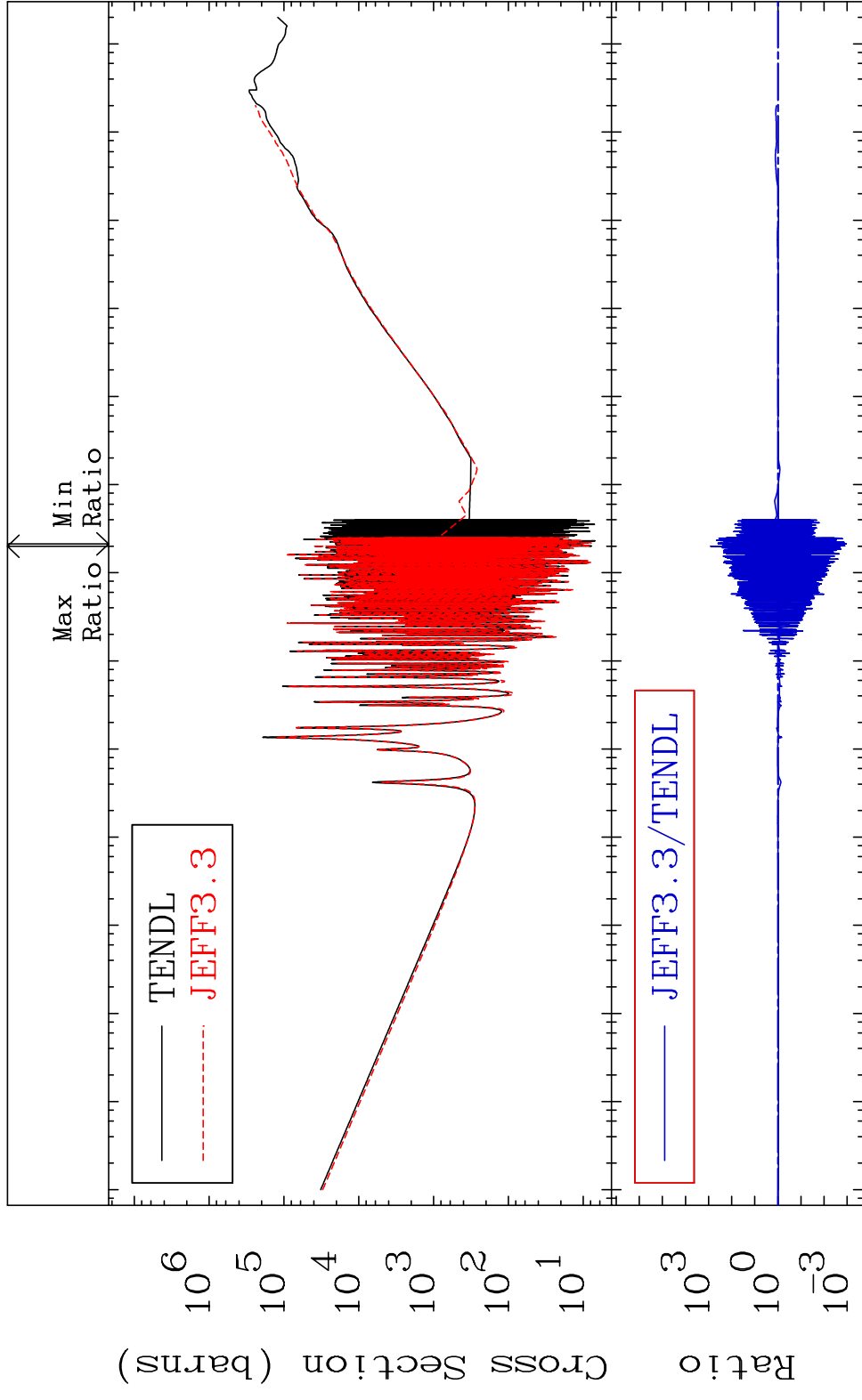


MAT 9549

Dpa total (eV-barns)

95-Am-243

Cross Section -99.89 To 9999. %



32

Incident Energy (eV)

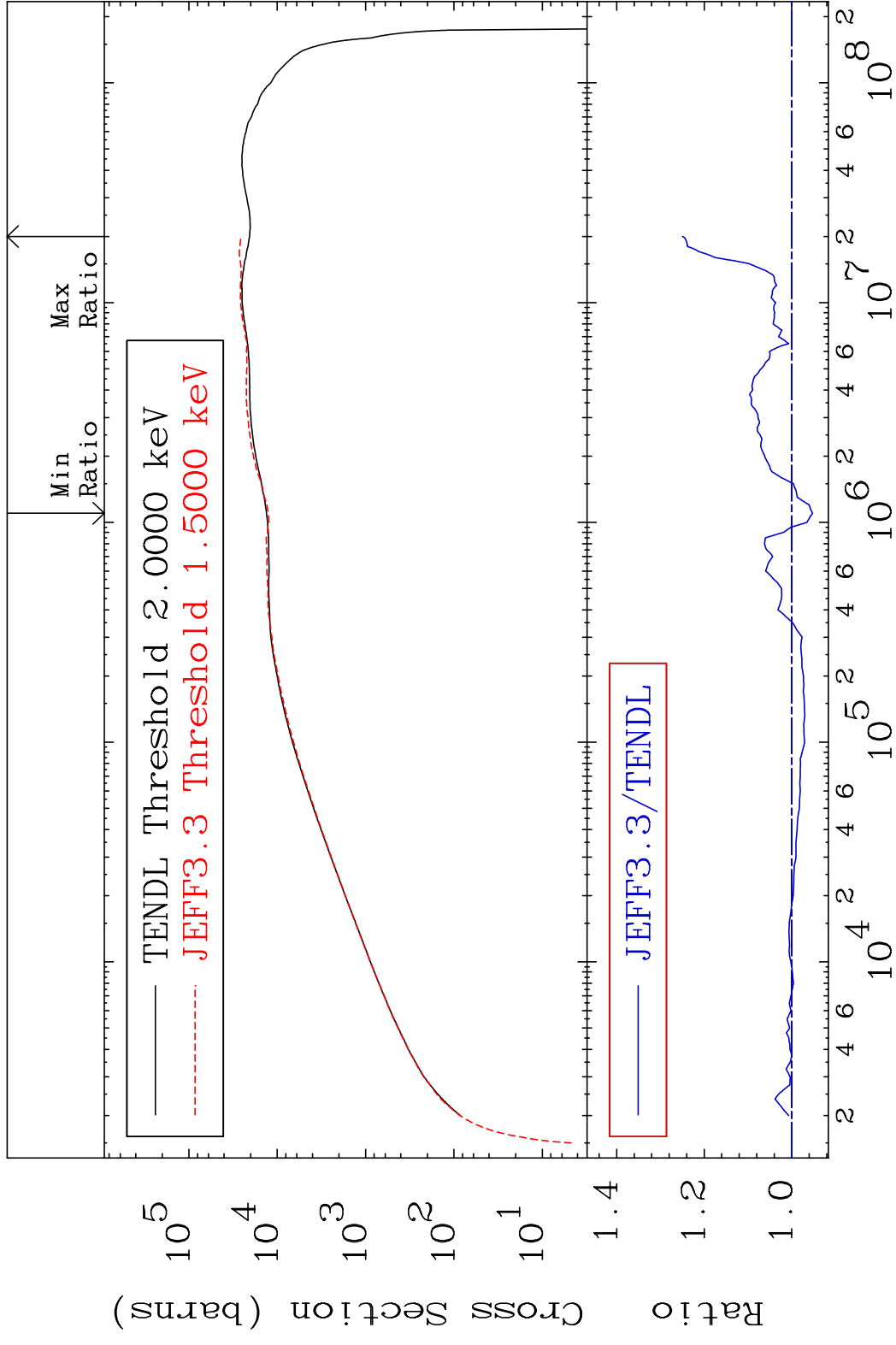
95-Am-243

MAT 9549

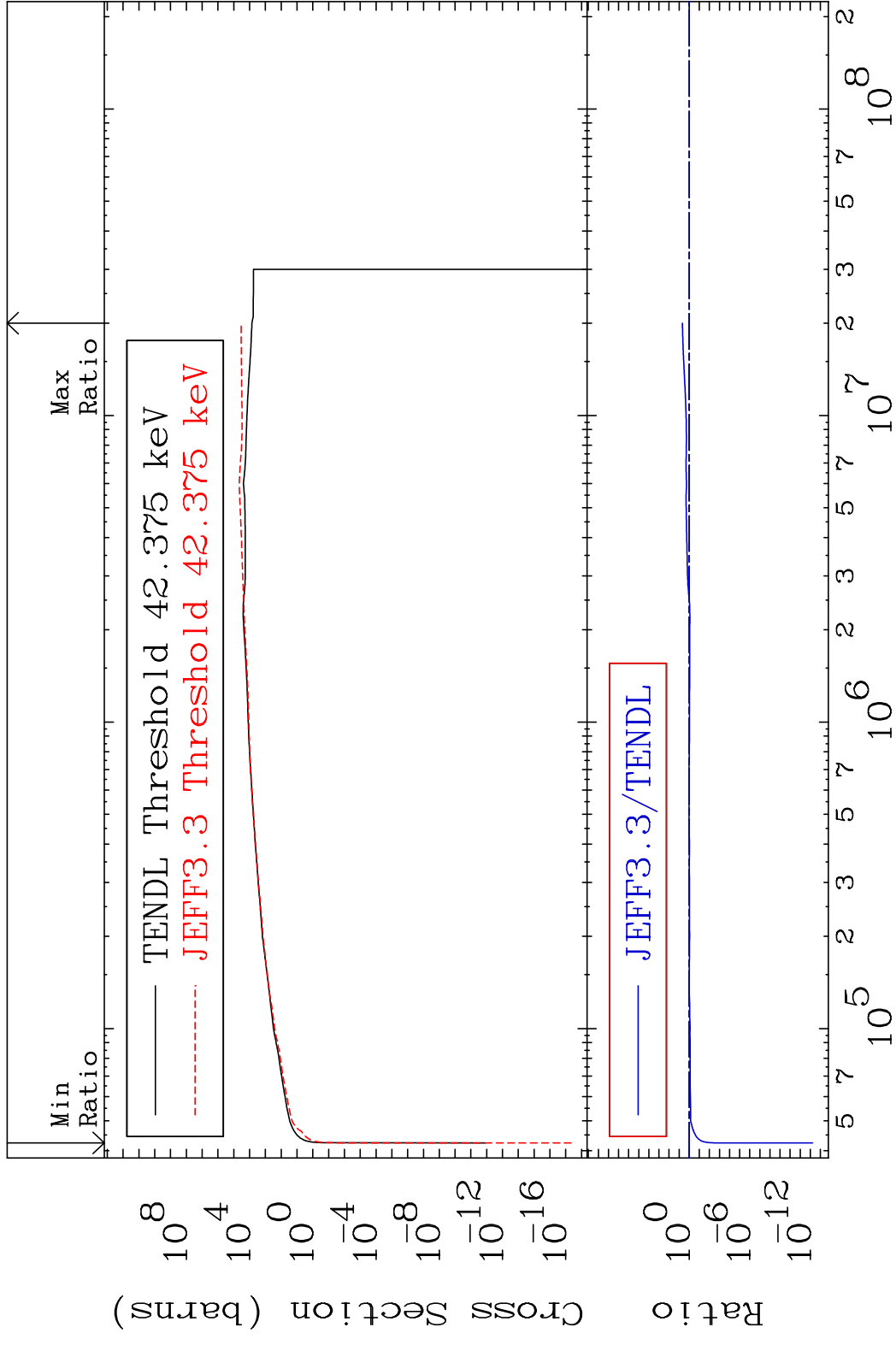
Dpa elastic (mt2)

95-Am-243

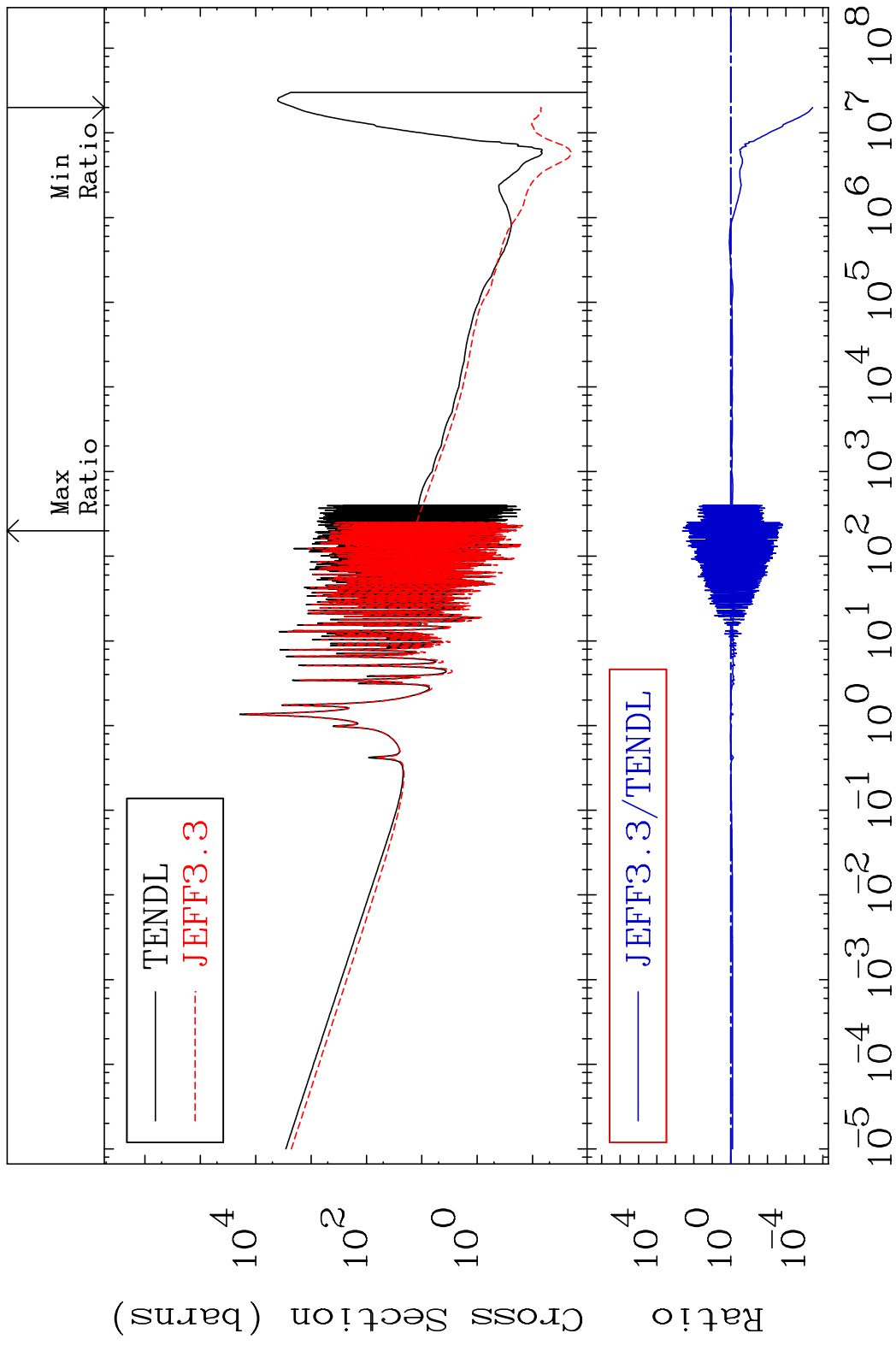
Cross Section -4.768 To 24.99 %



MAT 9549      Dpa inelastic (mt51-91)      95-Am-243  
 Cross Section      -100.0 To 376.0 %



MAT 9549 Dpa disappearance (mt102 -120) 95-Am-243  
 Cross Section -100.0 To 9999. %



35 Incident Energy (eV) 95-Am-243

MAT 9549 (n, 2n) : 95-Am-242m2 95-Am-243  
 Radionuclide Production Cross Section Ratio 832.0 %

