

Program Complot  
(Version 2021-1)

by

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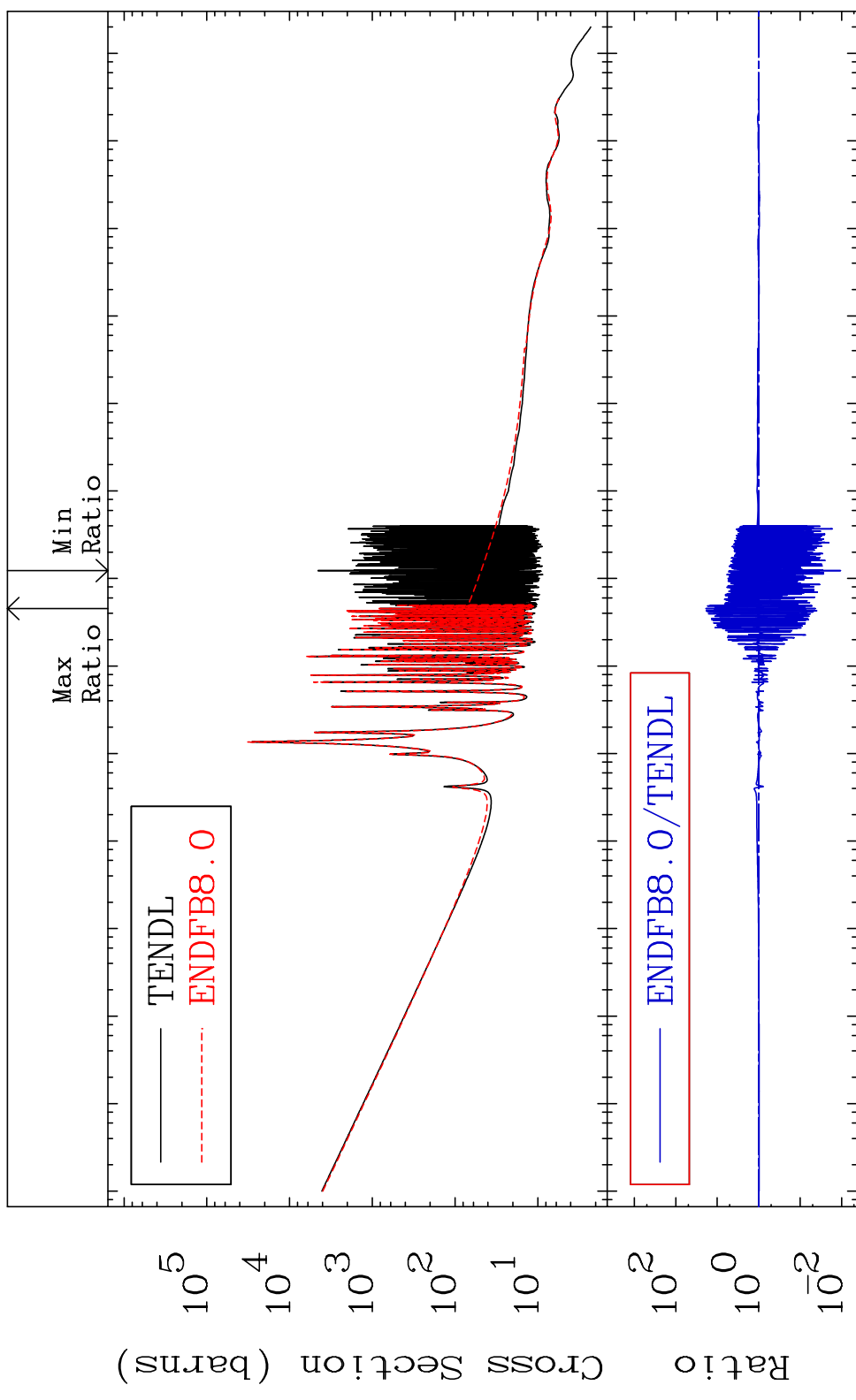
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9549

Total  
Cross Section -98.94 To 1789. %

95-Am-243



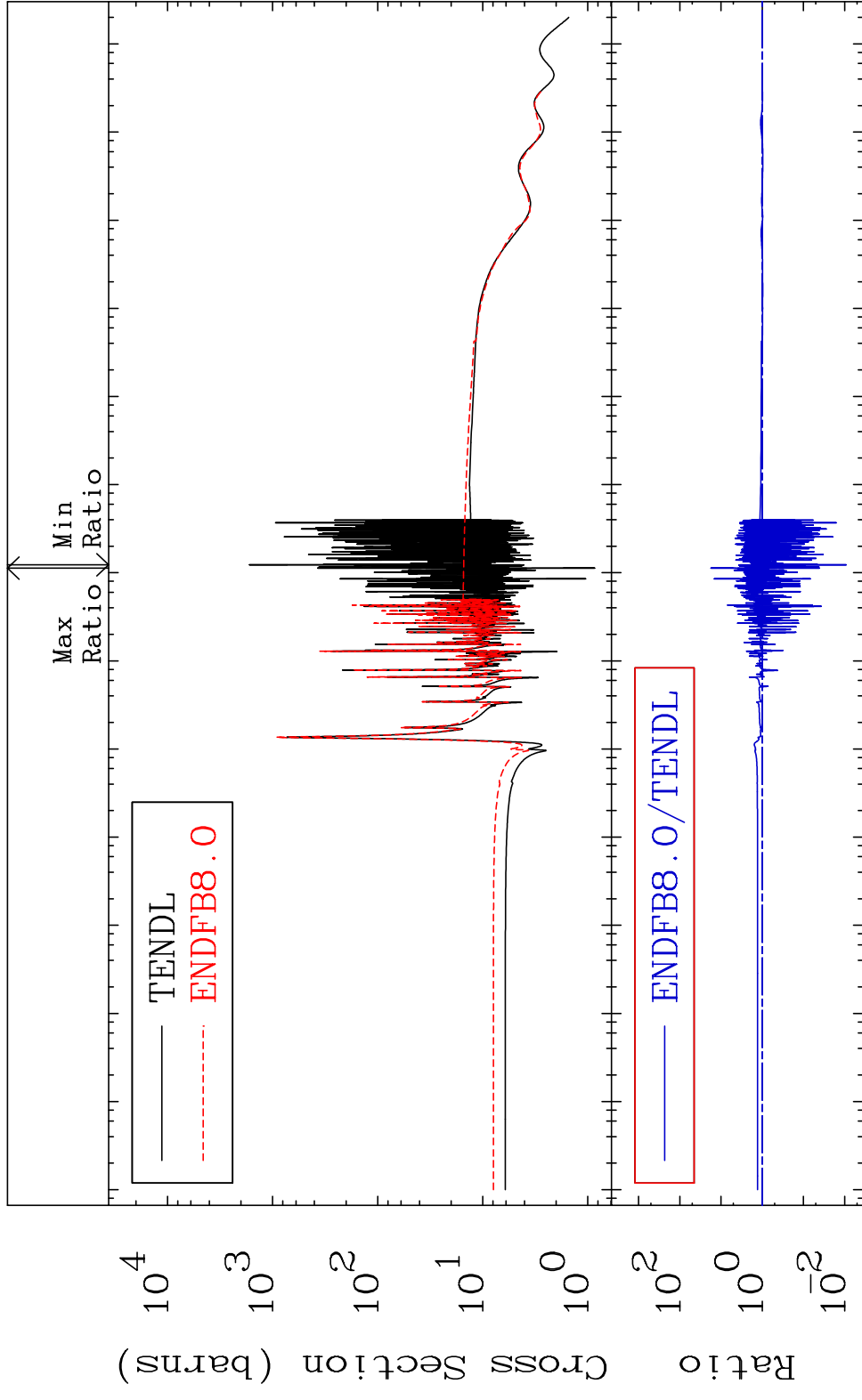
1 Incident Energy (eV) 95-Am-243

MAT 9549

Elastic

95-Am-243

Cross Section -99.09 To 1677. %

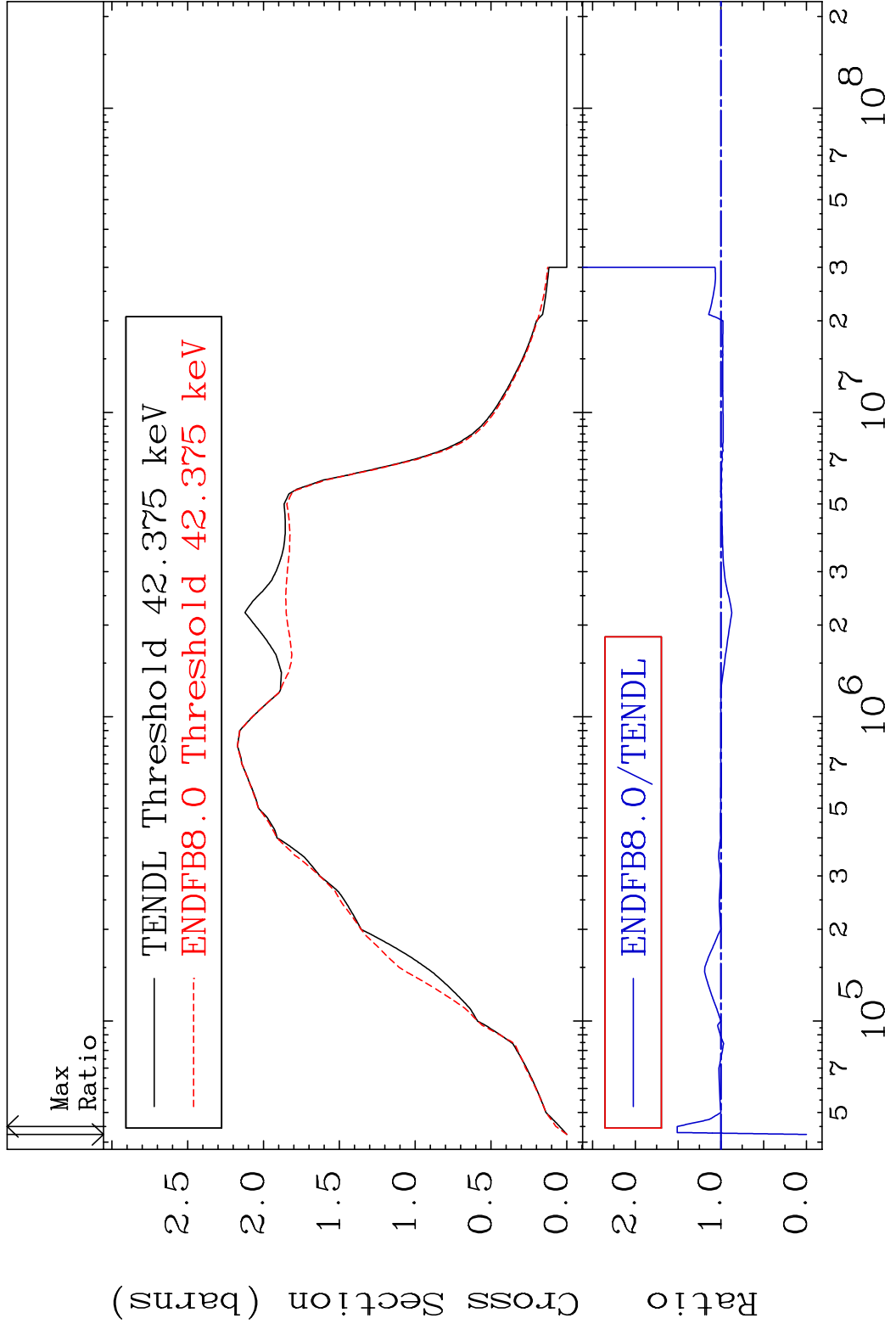


2

Incident Energy (eV)

95-Am-243

MAT 9549 Inelastic 95-Am-243  
 Cross Section -100.0 To 51.08 %

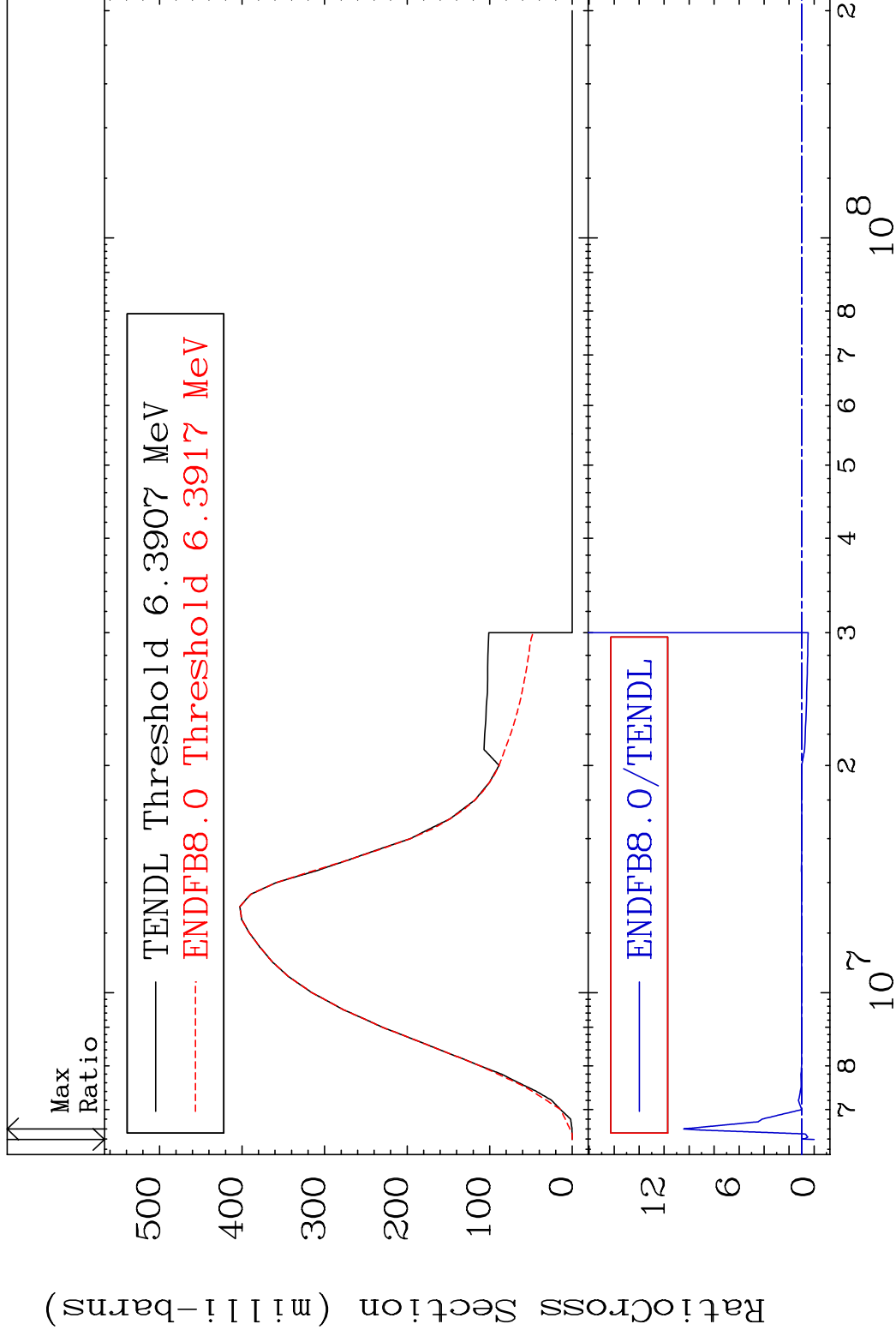


MAT 9549

(n,2n)

95-Am-243

Cross Section -100.0 To 943.7 %

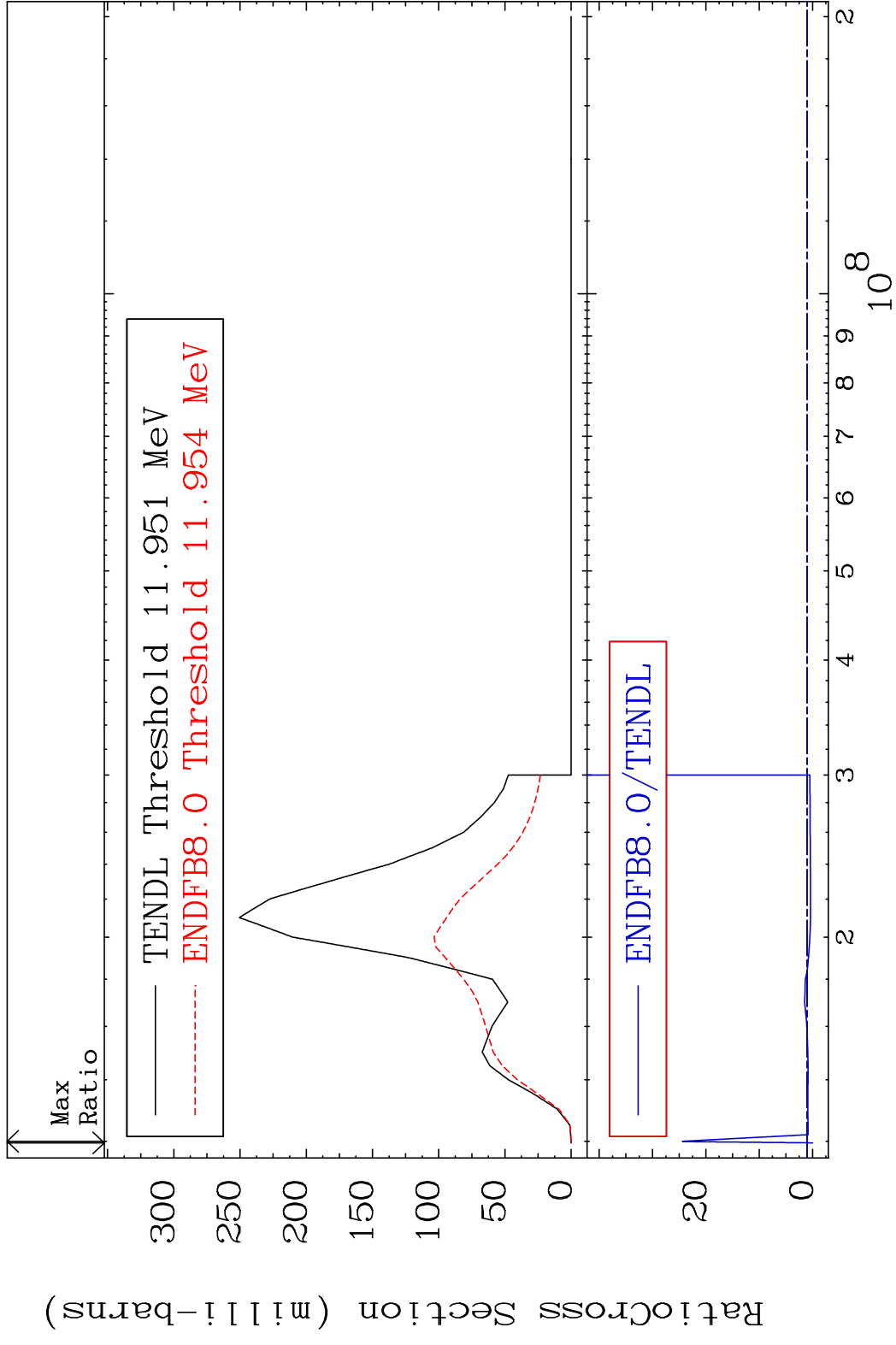


4

Incident Energy (eV)

95-Am-243

MAT 9549 (n,3n) 95-Am-243  
 Cross Section -100.0 To 2341. %

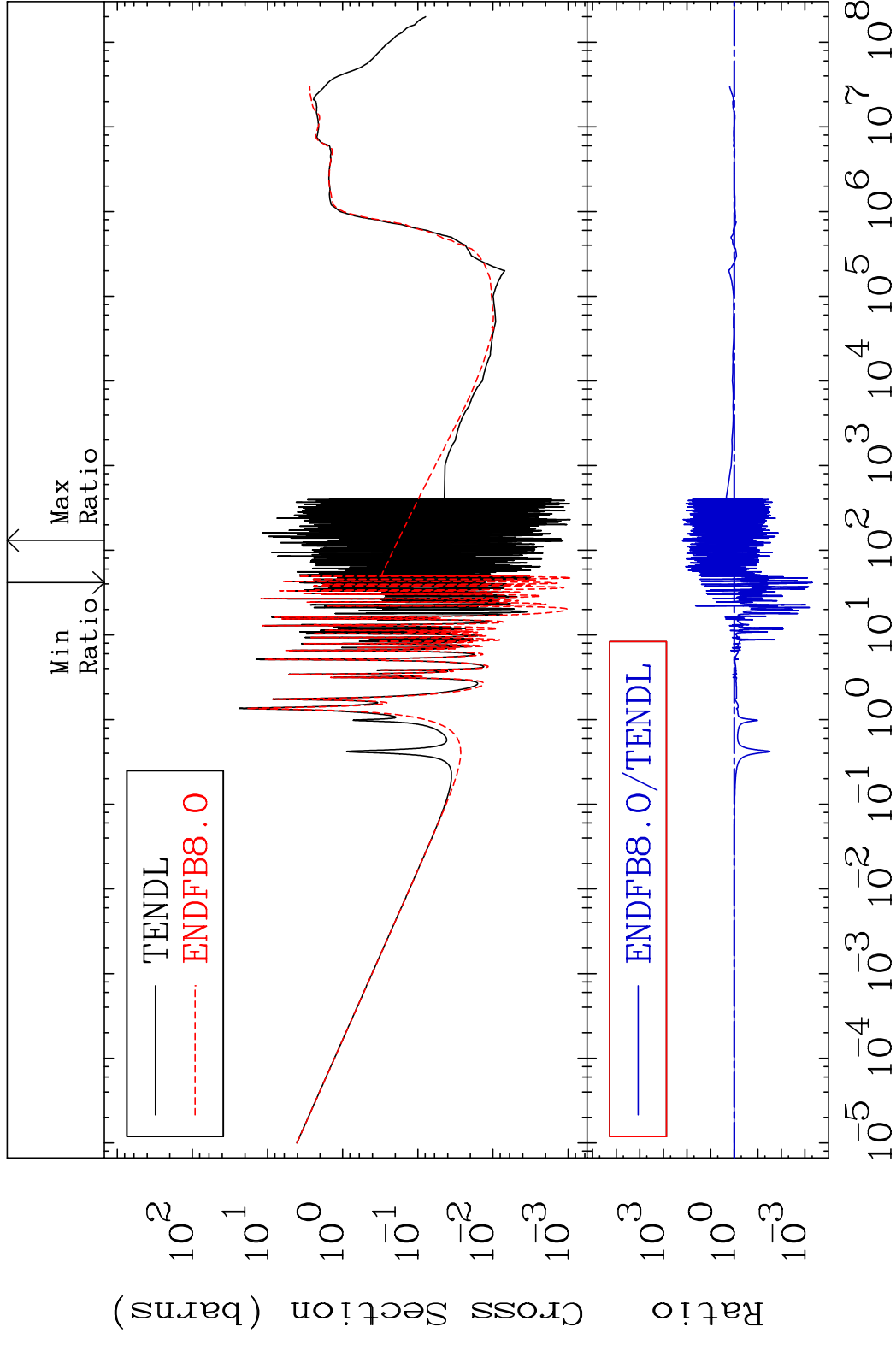


5 95-Am-243

MAT 9549

Fission Cross Section -99.95 To 9999. %

95-Am-243

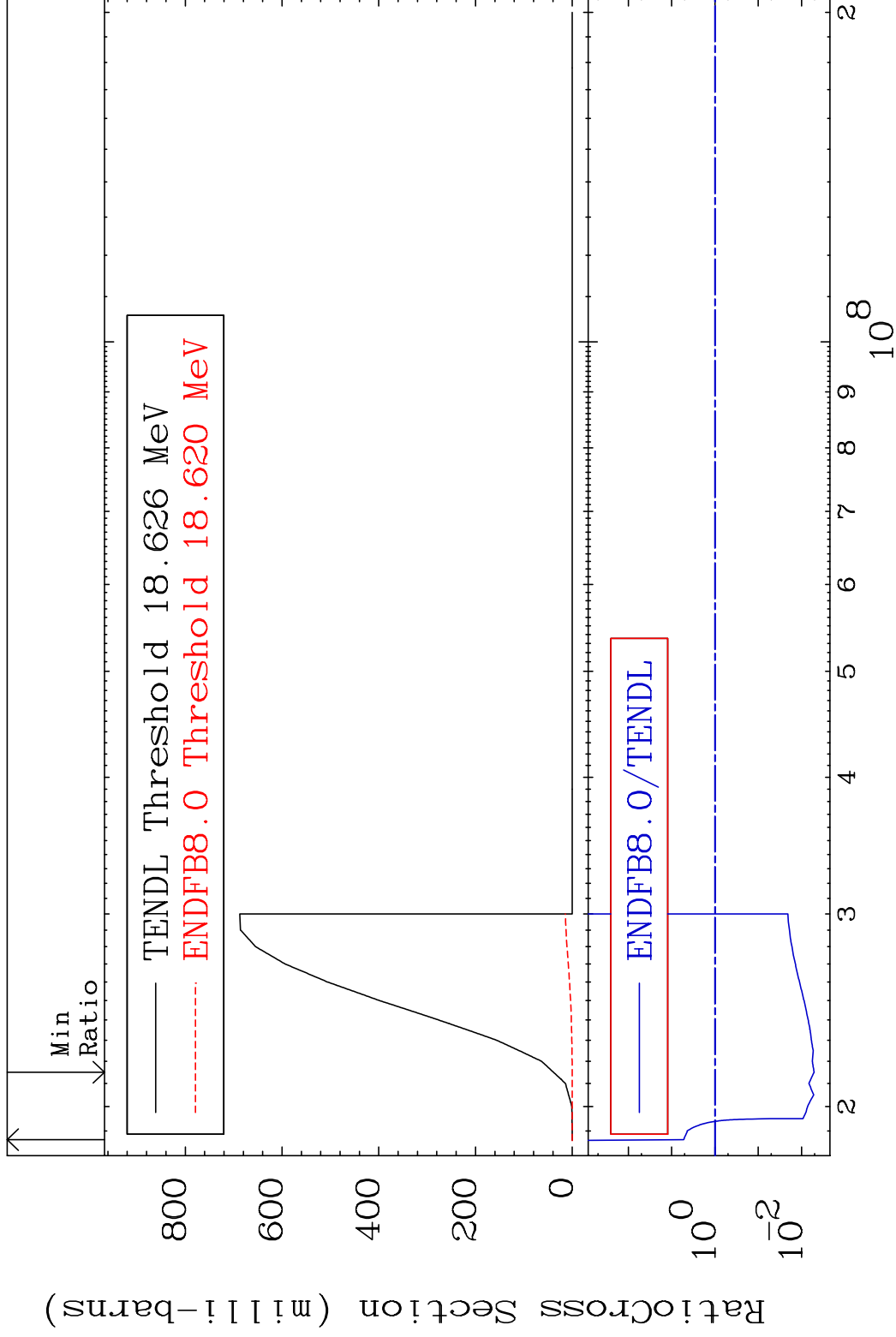


MAT 9549

(n, 4n)

95-Am-243

Cross Section -99.49 To 427.6 %



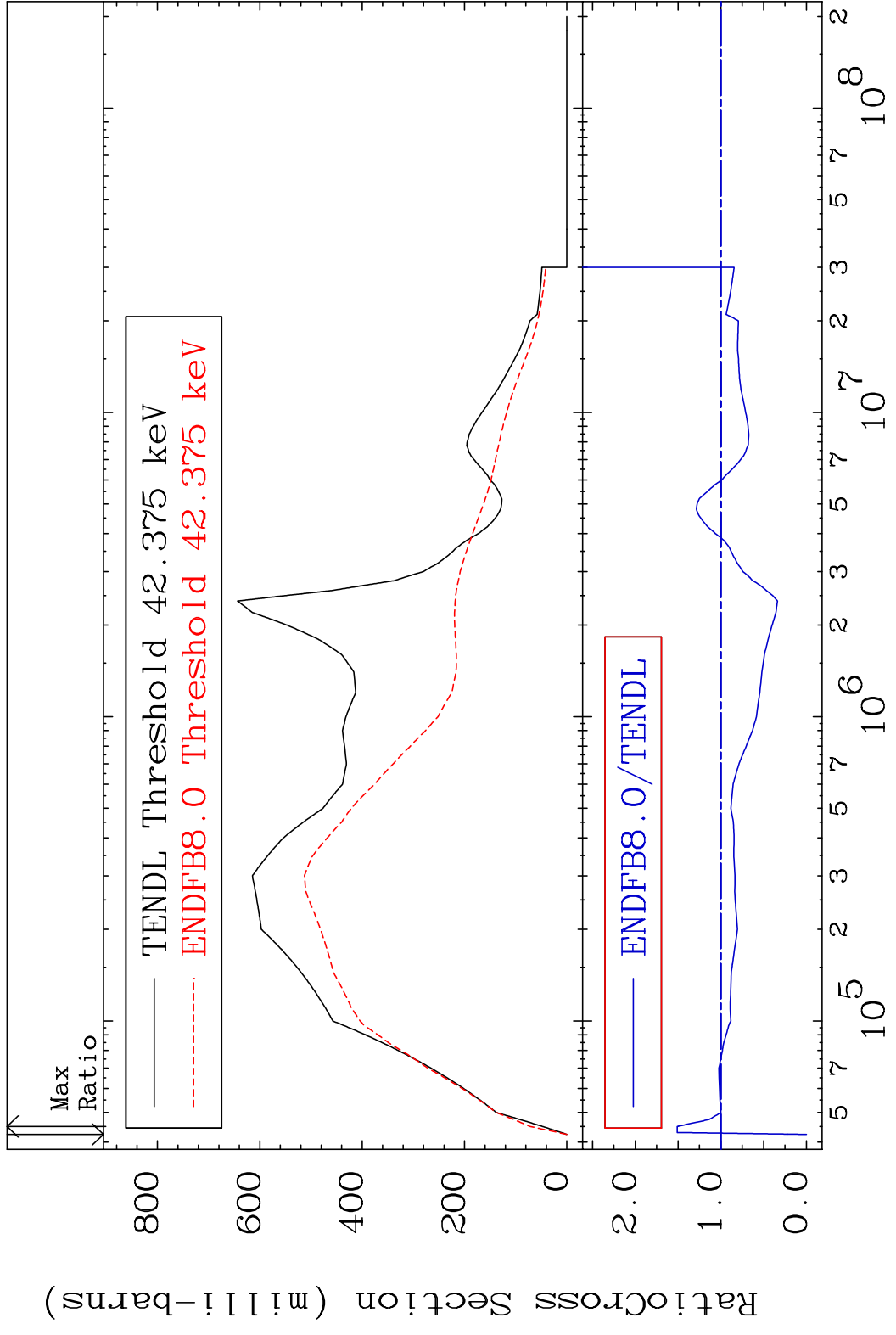
7

Incident Energy (eV)

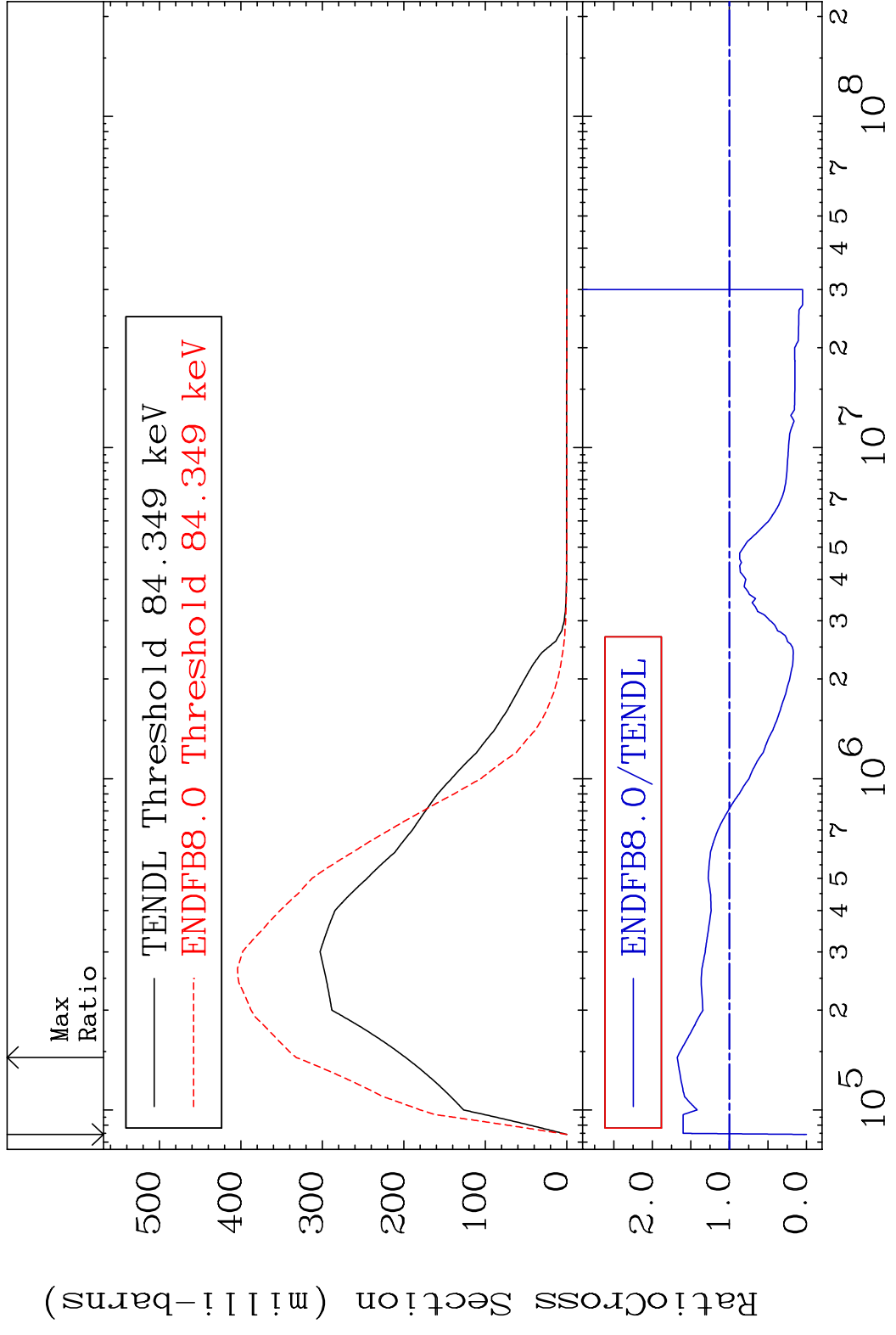
95-Am-243



MAT 9549 MT= 51 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 51.08 %

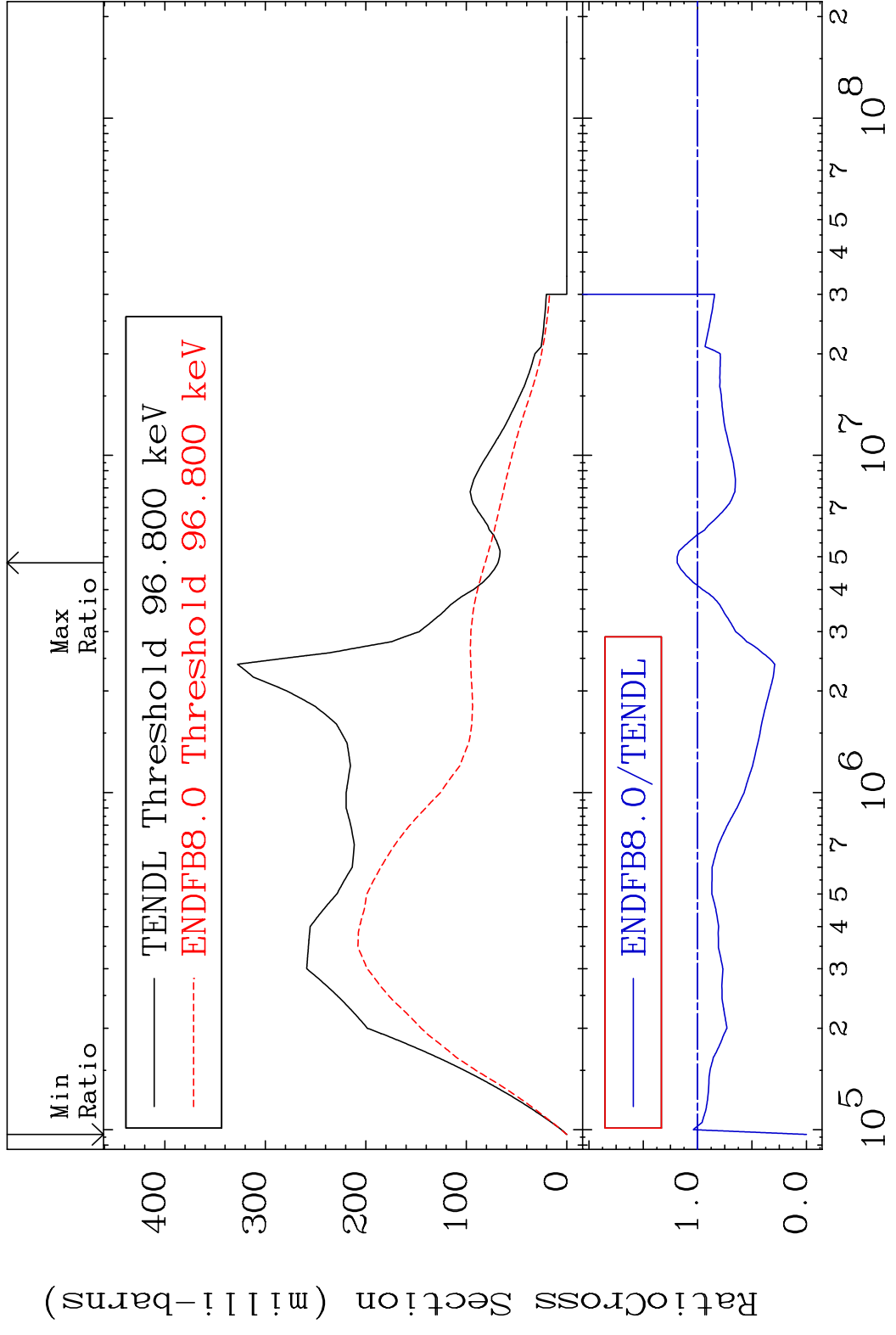


MAT 9549 MT= 52 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 67.77 %



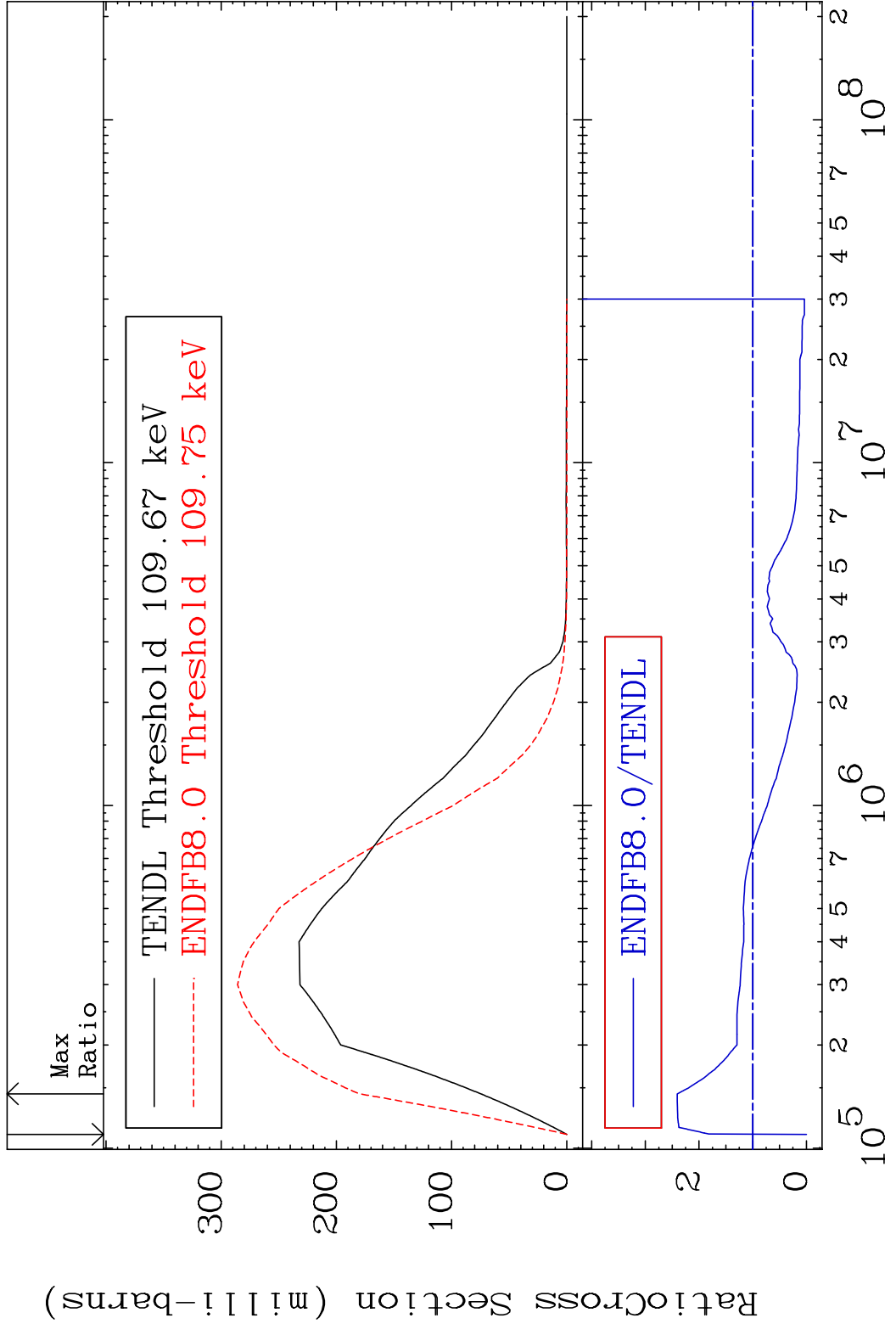
9 Incident Energy (eV) 95-Am-243

MAT 9549 MT= 53 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 18.80 %

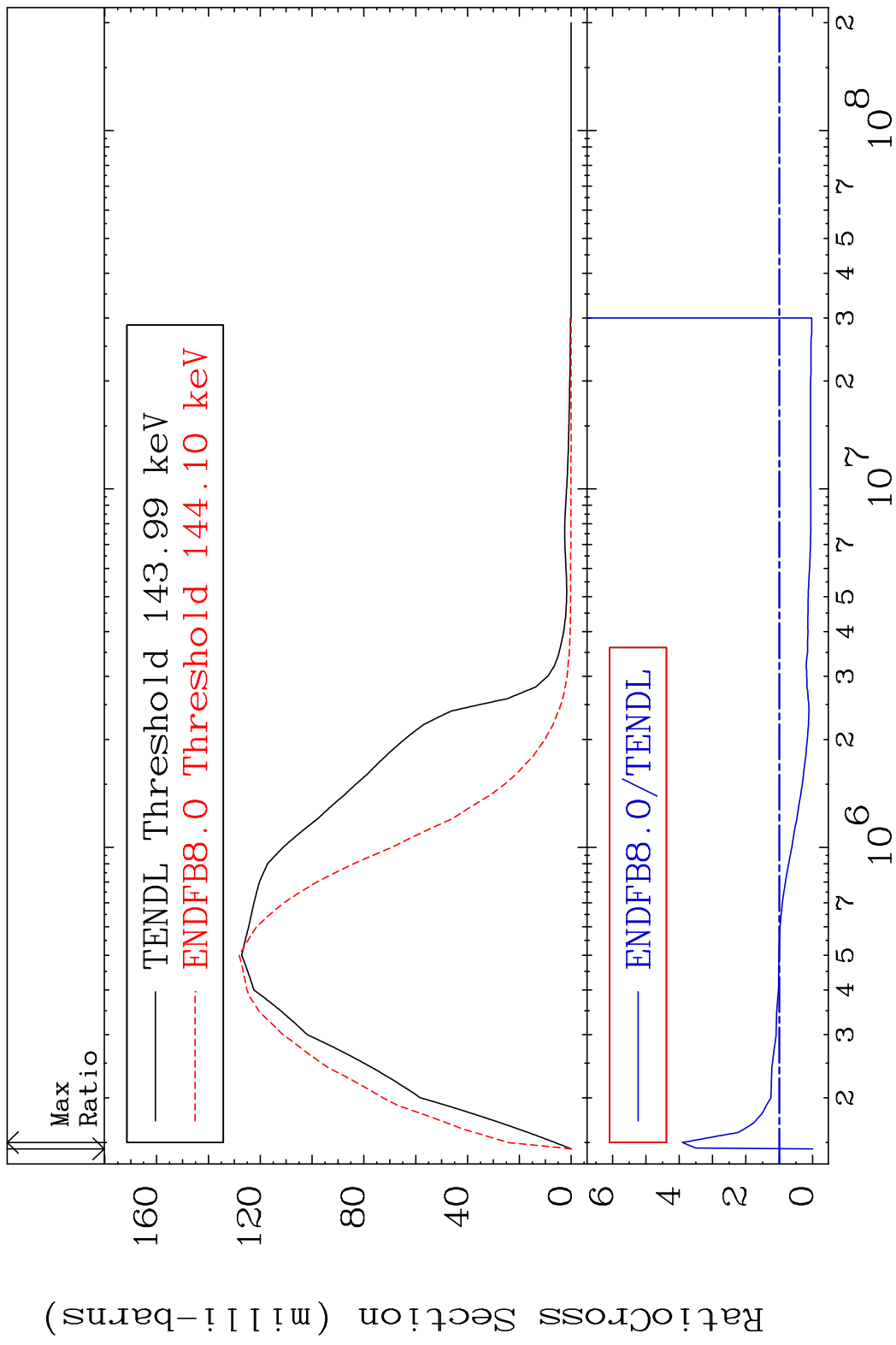


10 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 2 3 4 5 6 7 8 9 10 95-Am-243

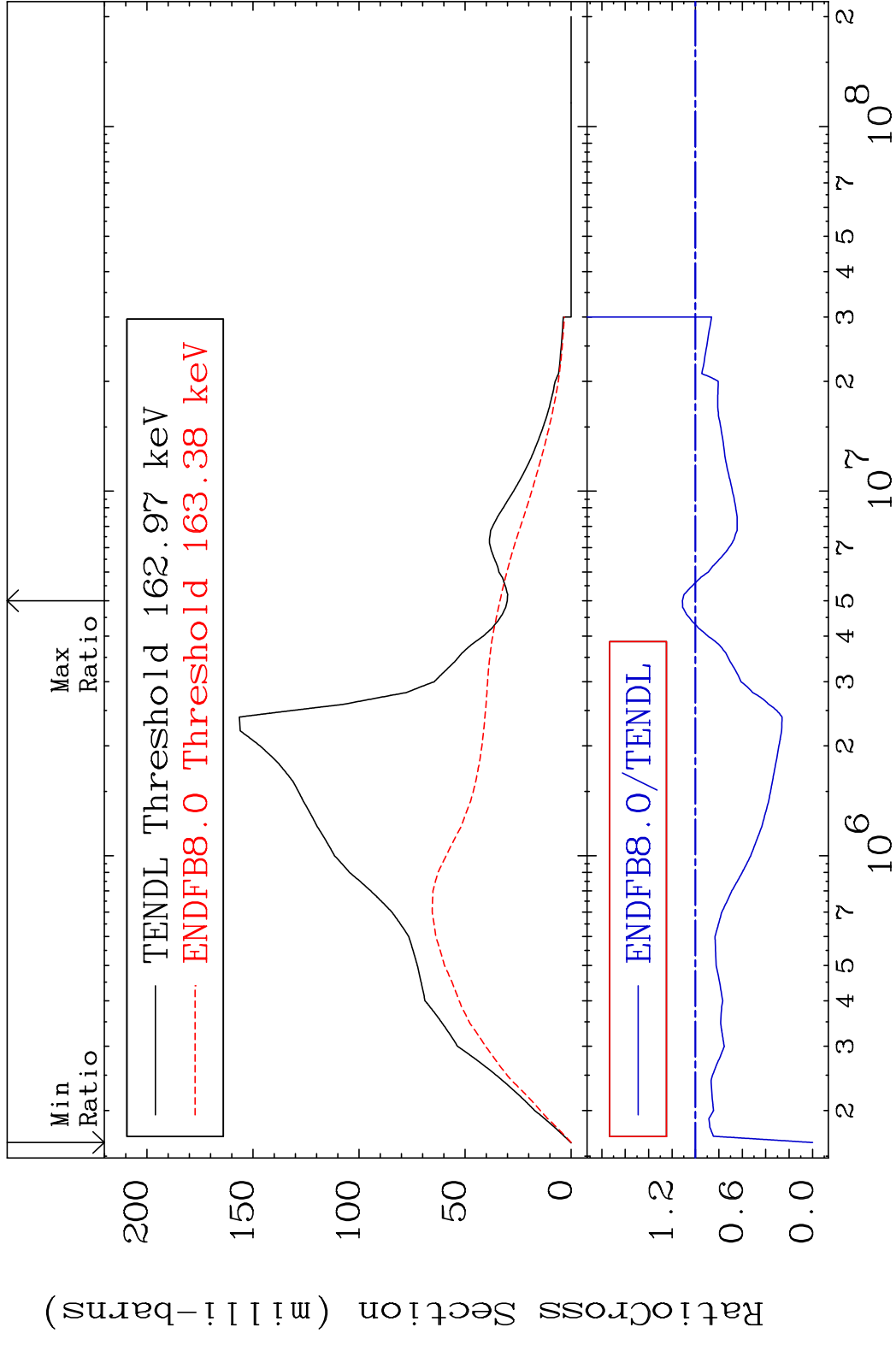
MAT 9549 MT= 54 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 140.7 %



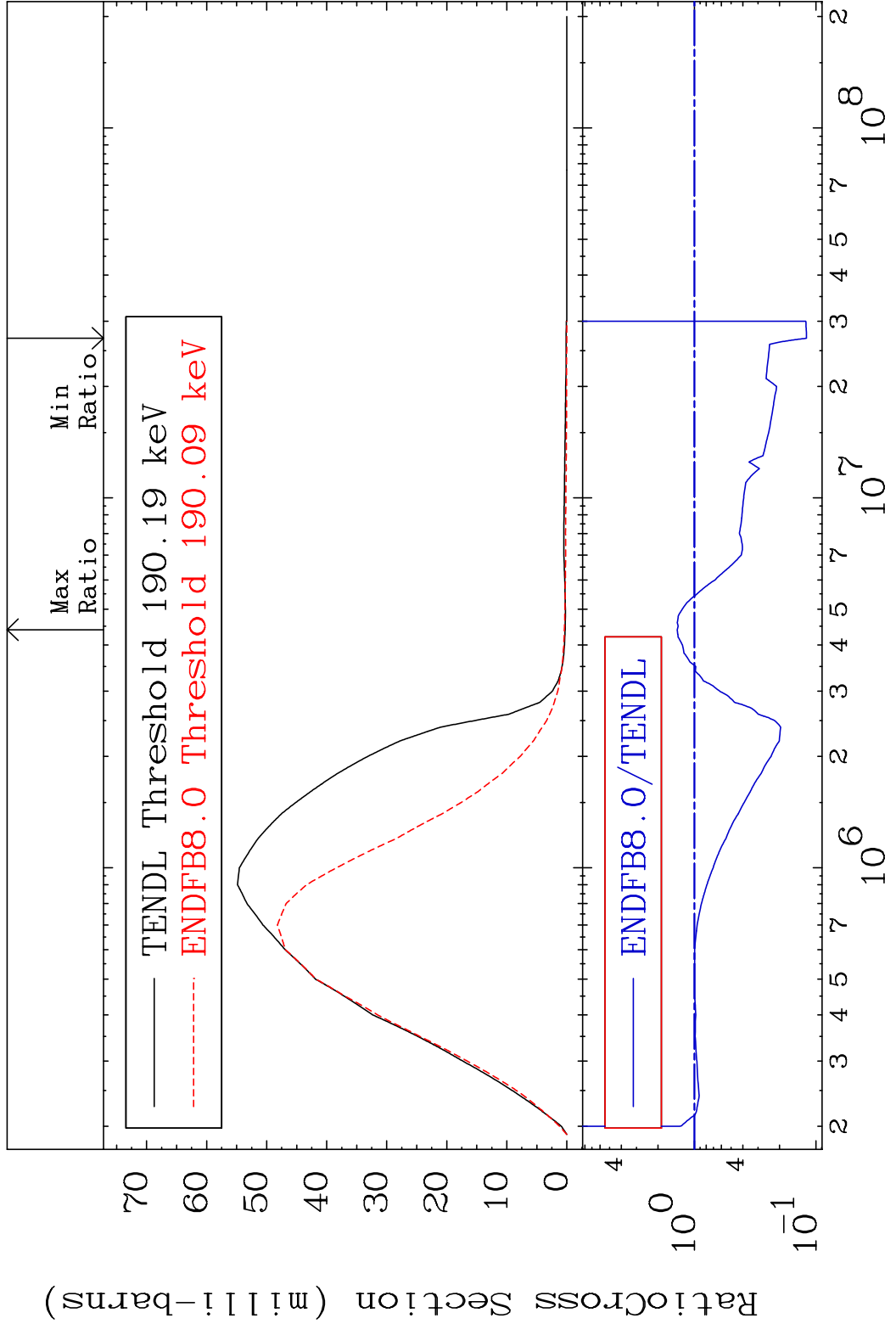
MAT 9549 MT= 55 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 290.7 %



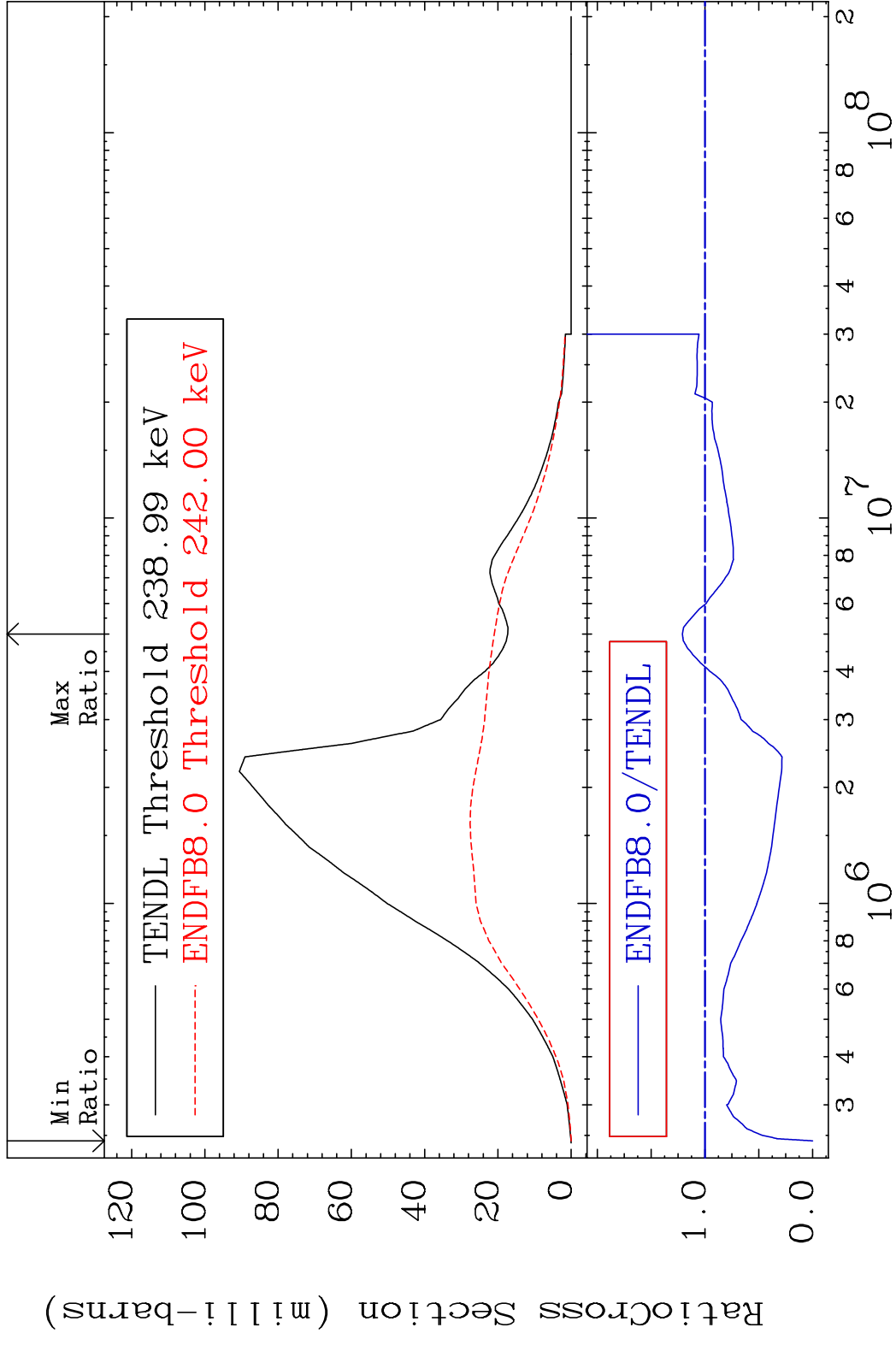
MAT 9549 MT= 56 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 11.20 %



MAT 9549 MT= 57 (n, n') Level 95-Am-243  
 Cross Section -88.01 To 38.86 %

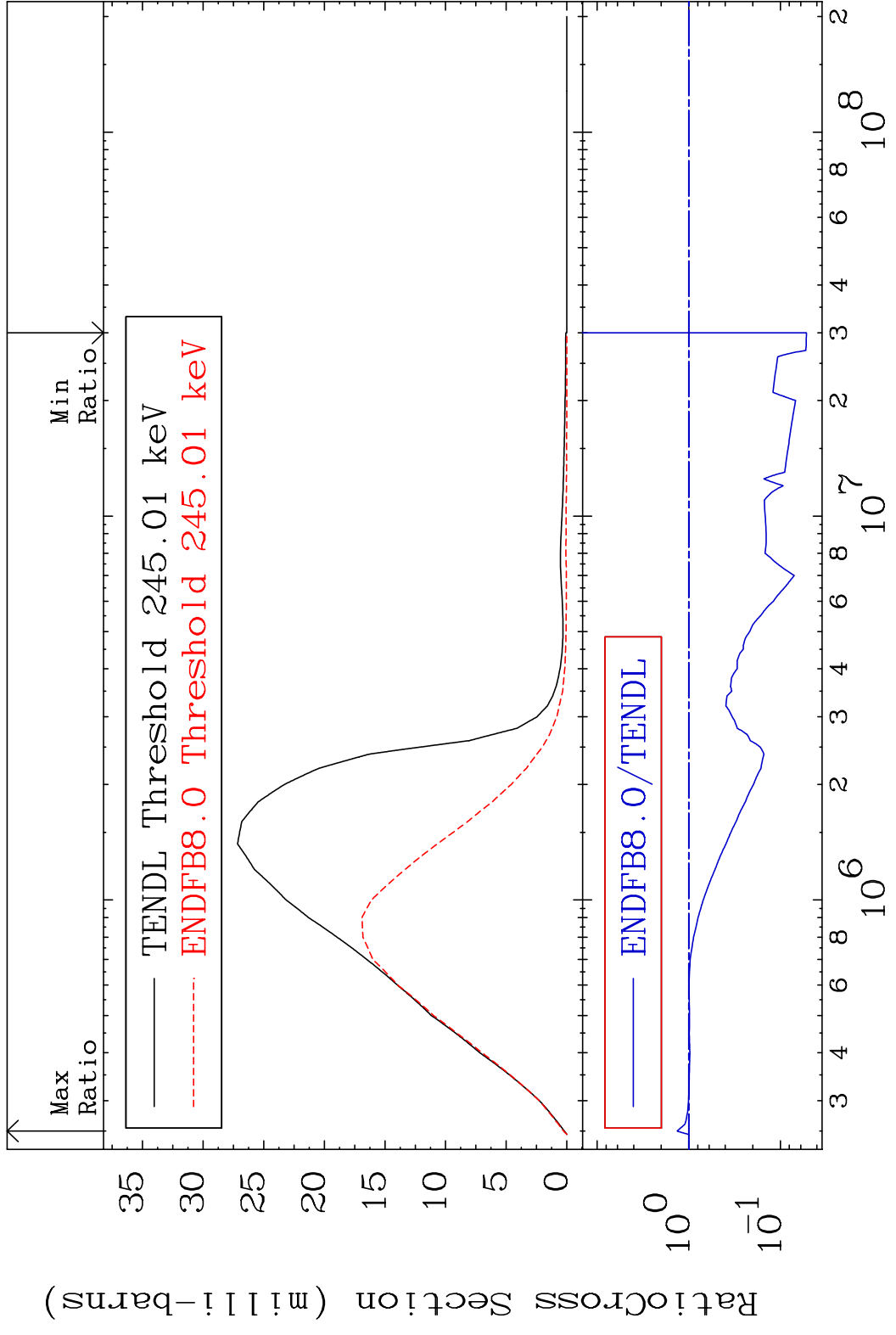


MAT 9549 MT= 58 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 20.95 %

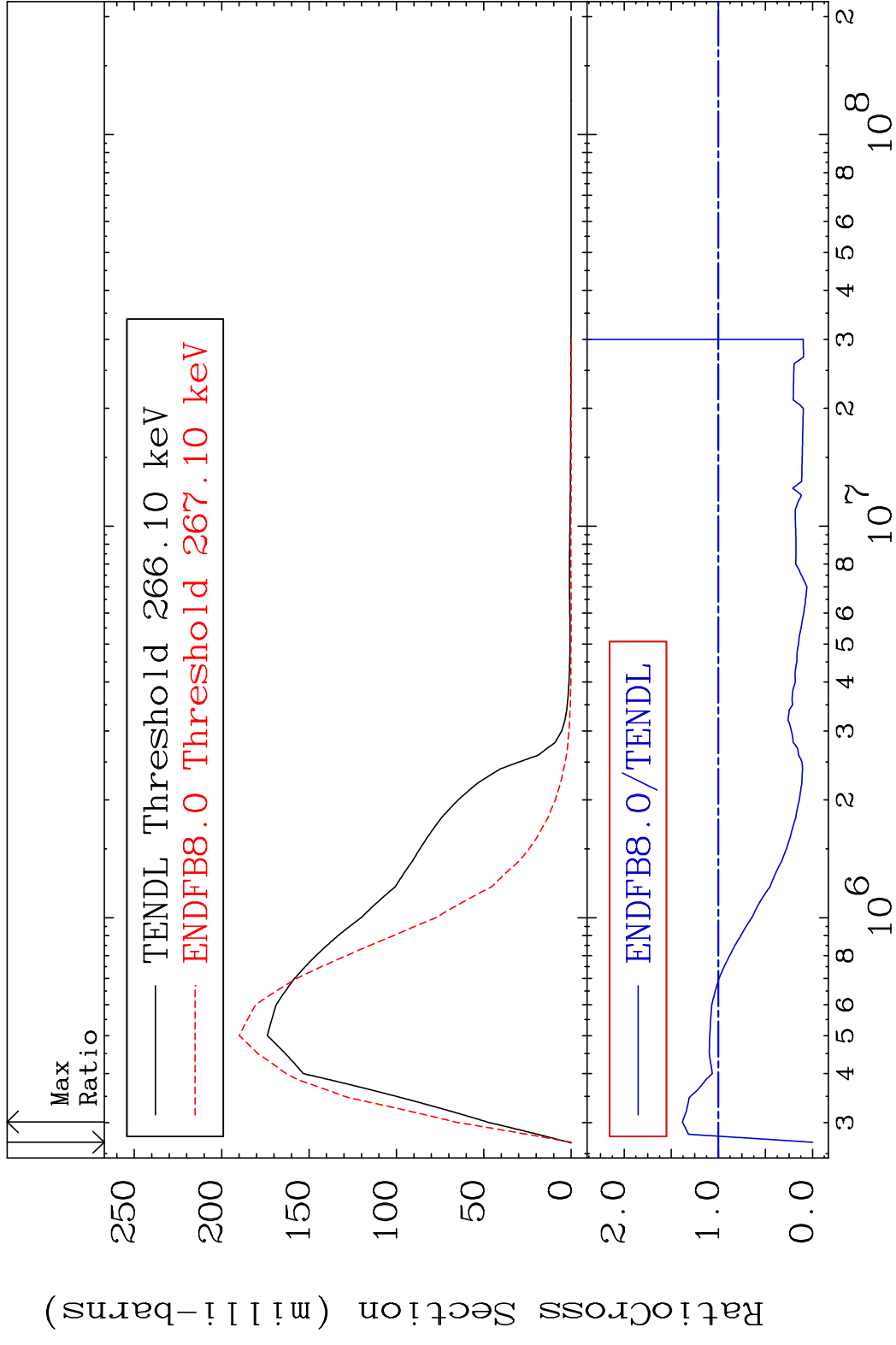




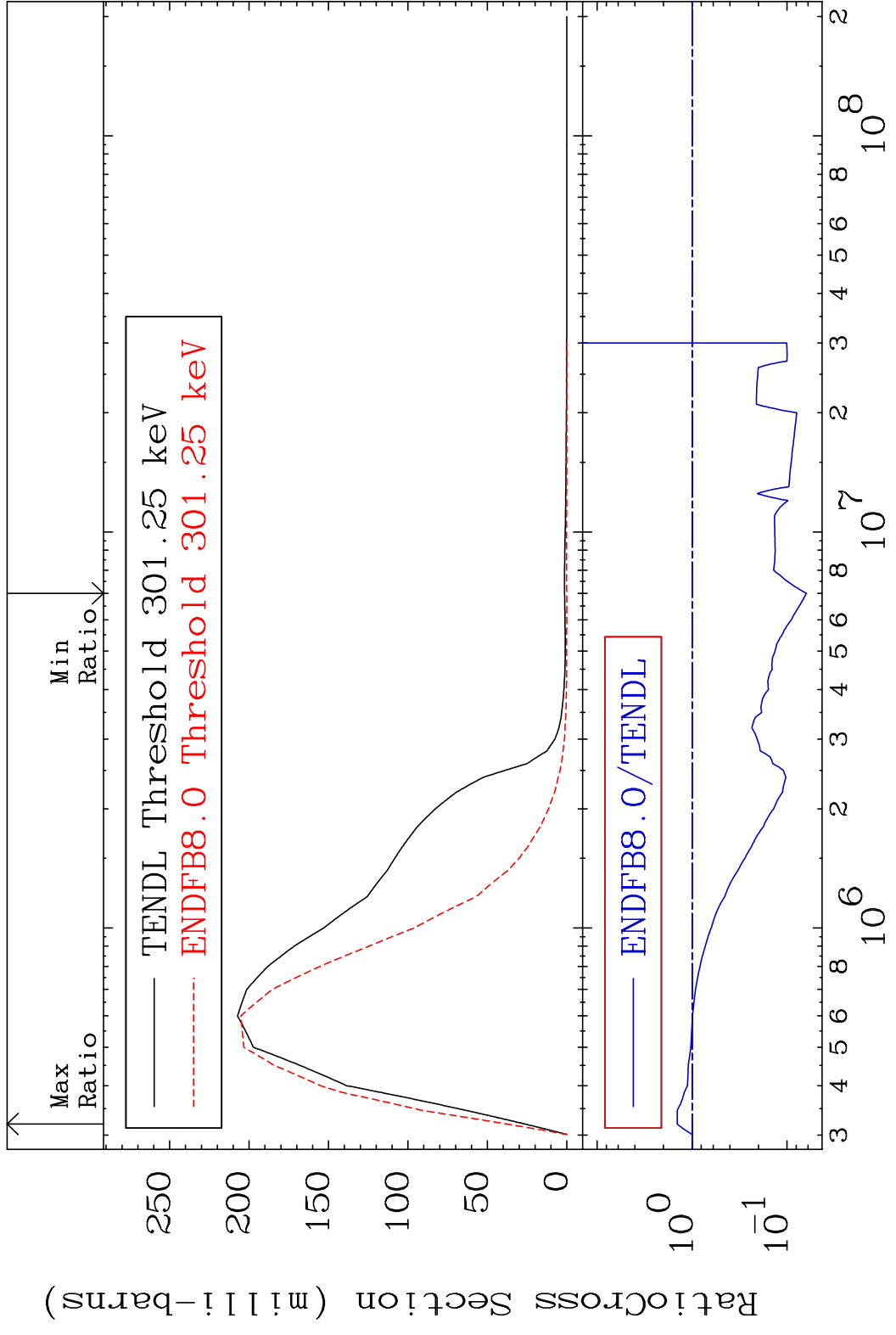
MAT 9549 MT= 59 (n,n') Level 95-Am-243  
 Cross Section -94.79 To 34.04 %



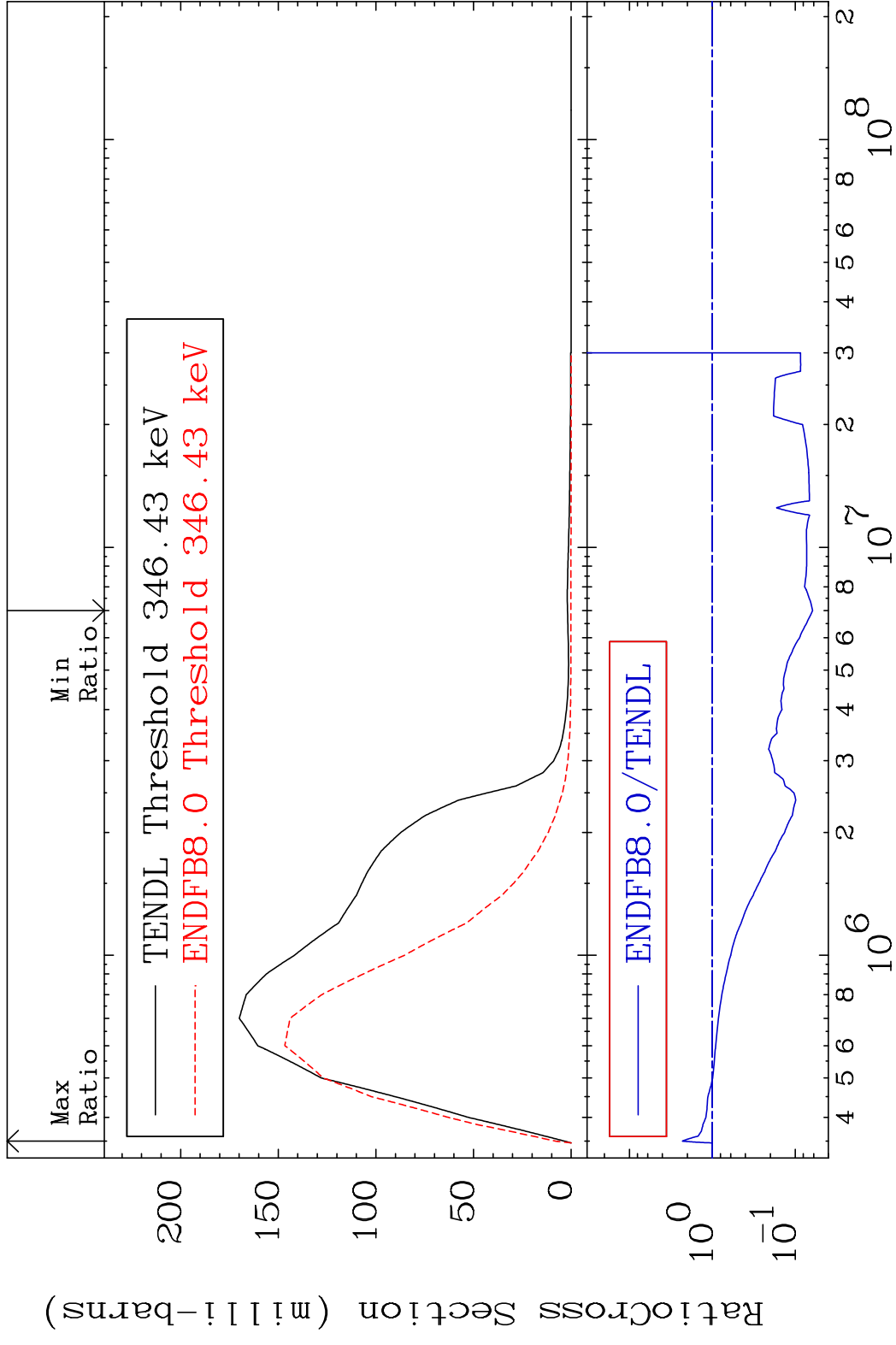
MAT 9549 MT= 60 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 38.22 %



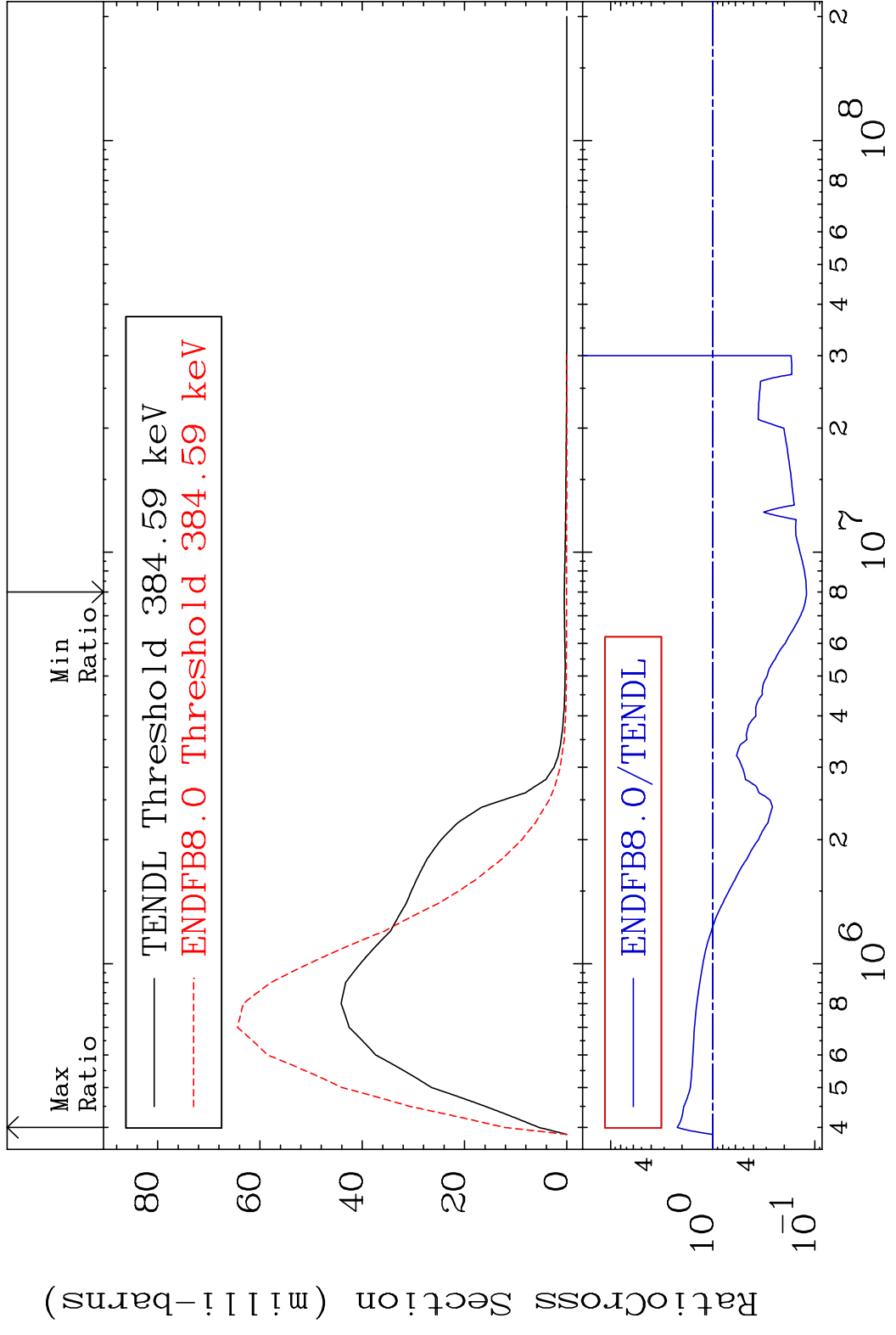
MAT 9549 MT= 61 (n, n') Level 95-Am-243  
 Cross Section -93.76 To 43.52 %



MAT 9549 MT= 62 (n, n') Level 95-Am-243  
 Cross Section -93.80 To 130.0 %



MAT 9549 MT= 63 (n, n') Level 95-Am-243  
 Cross Section -87.88 To 123.1 %



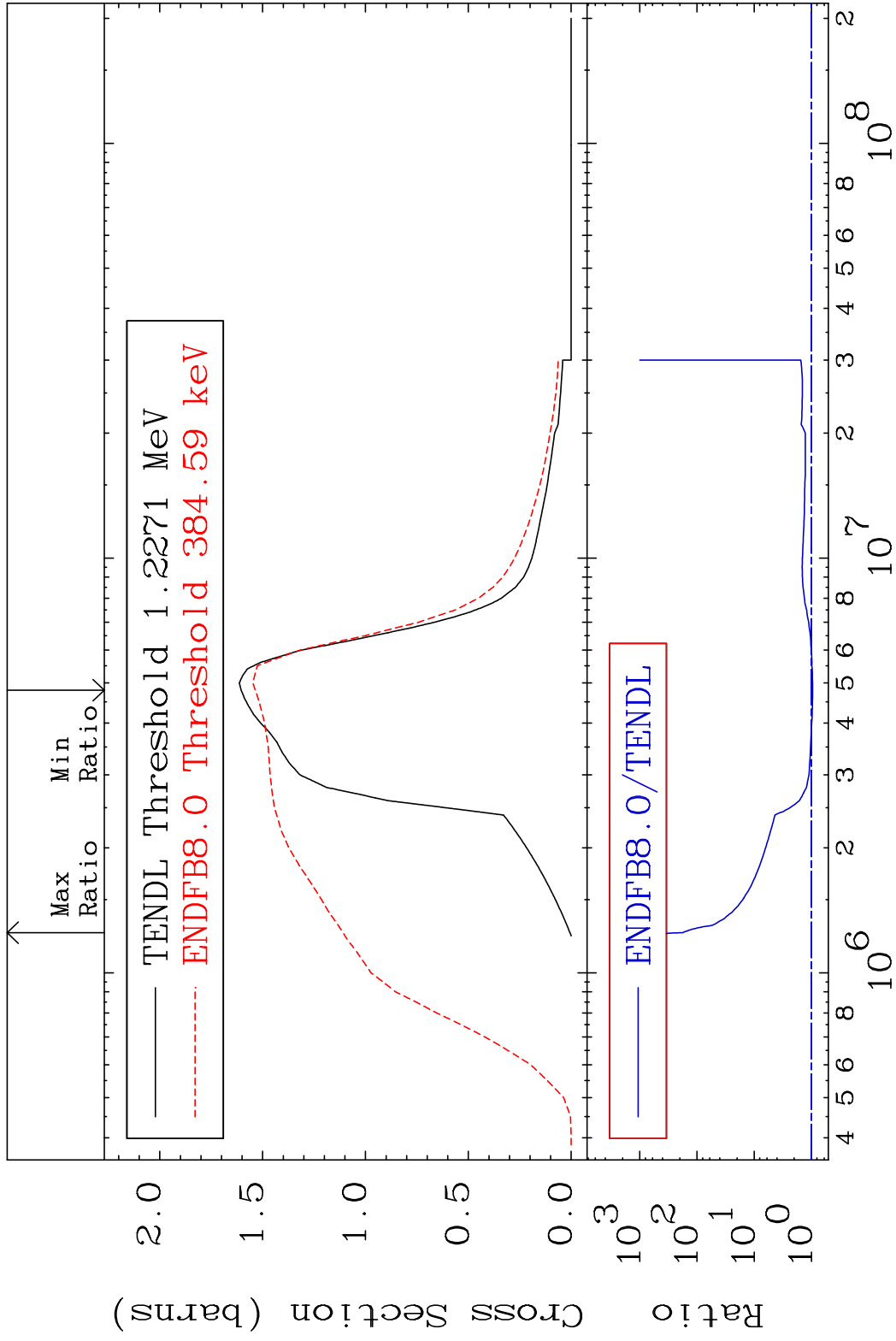
20 Incident Energy (eV) 95-Am-243

MAT 9549

(n, n') Continuum

95-Am-243

Cross Section -4.302 To 9999. %



21

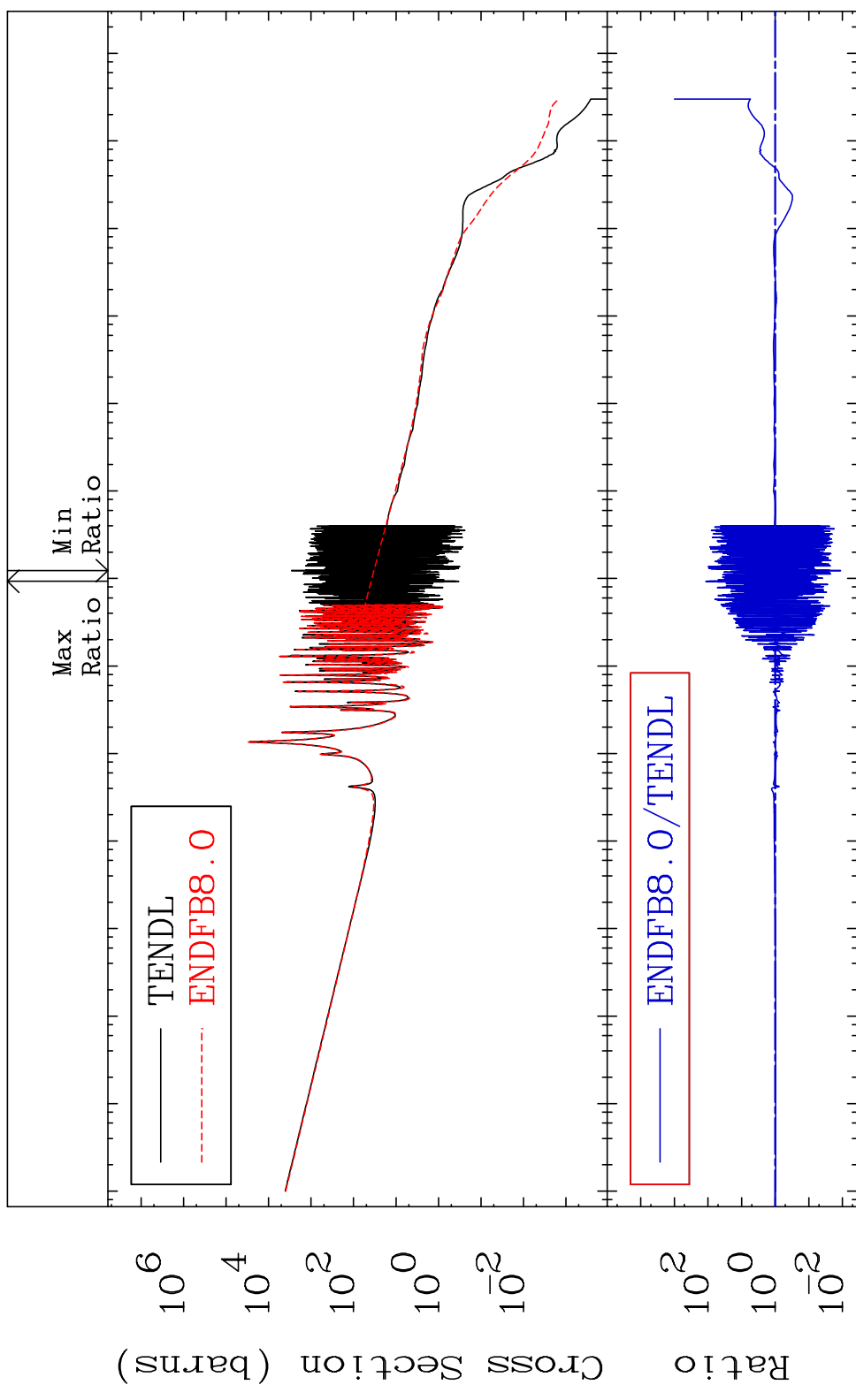
Incident Energy (eV)

95-Am-243

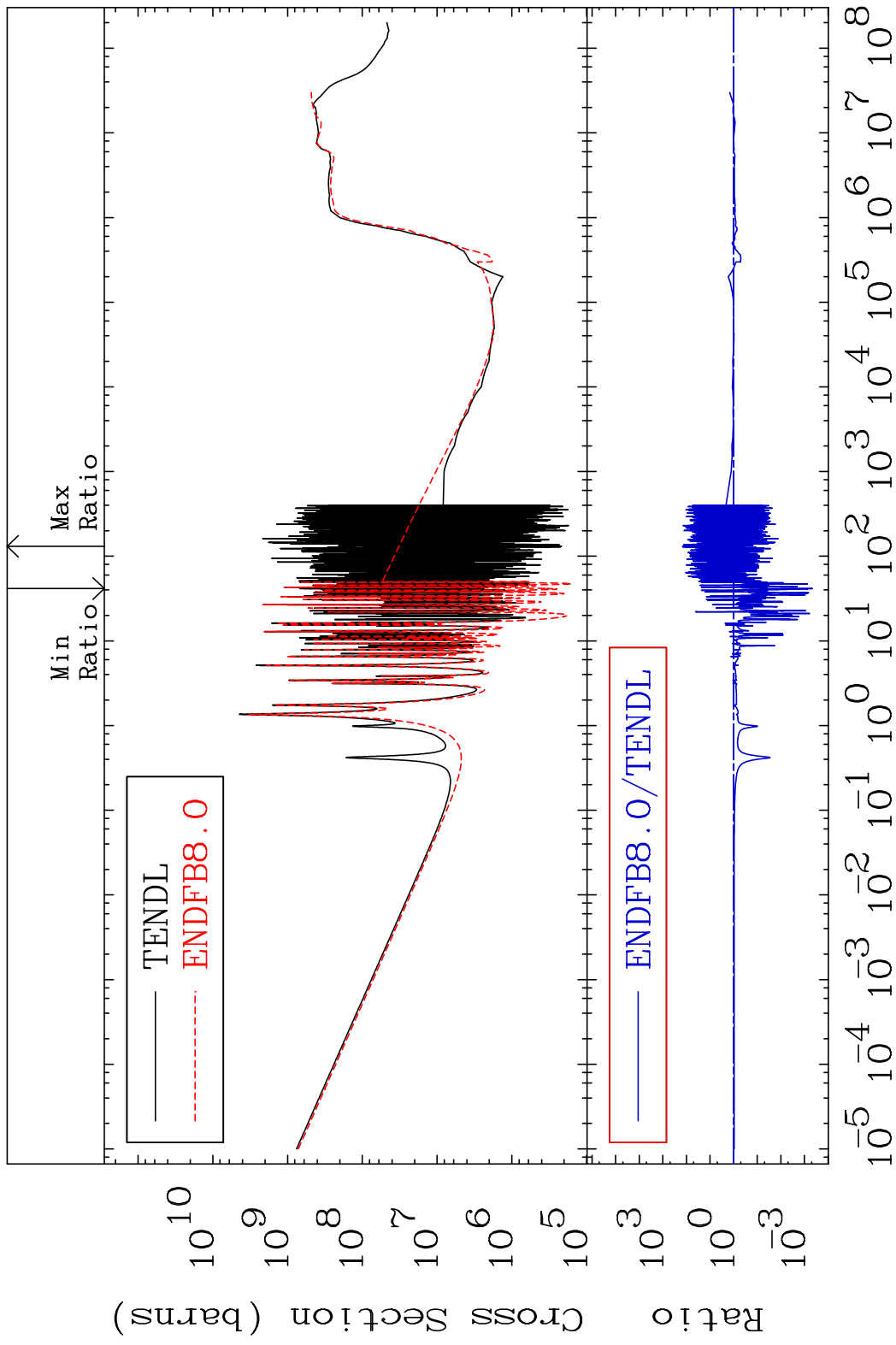
MAT 9549

(n,  $\gamma$ )

Cross Section -98.85 To 9999. %  
95-Am-243



MAT 9549 Kerma total (eV-barns) 95-Am-243  
 Cross Section -99.95 To 9999. %

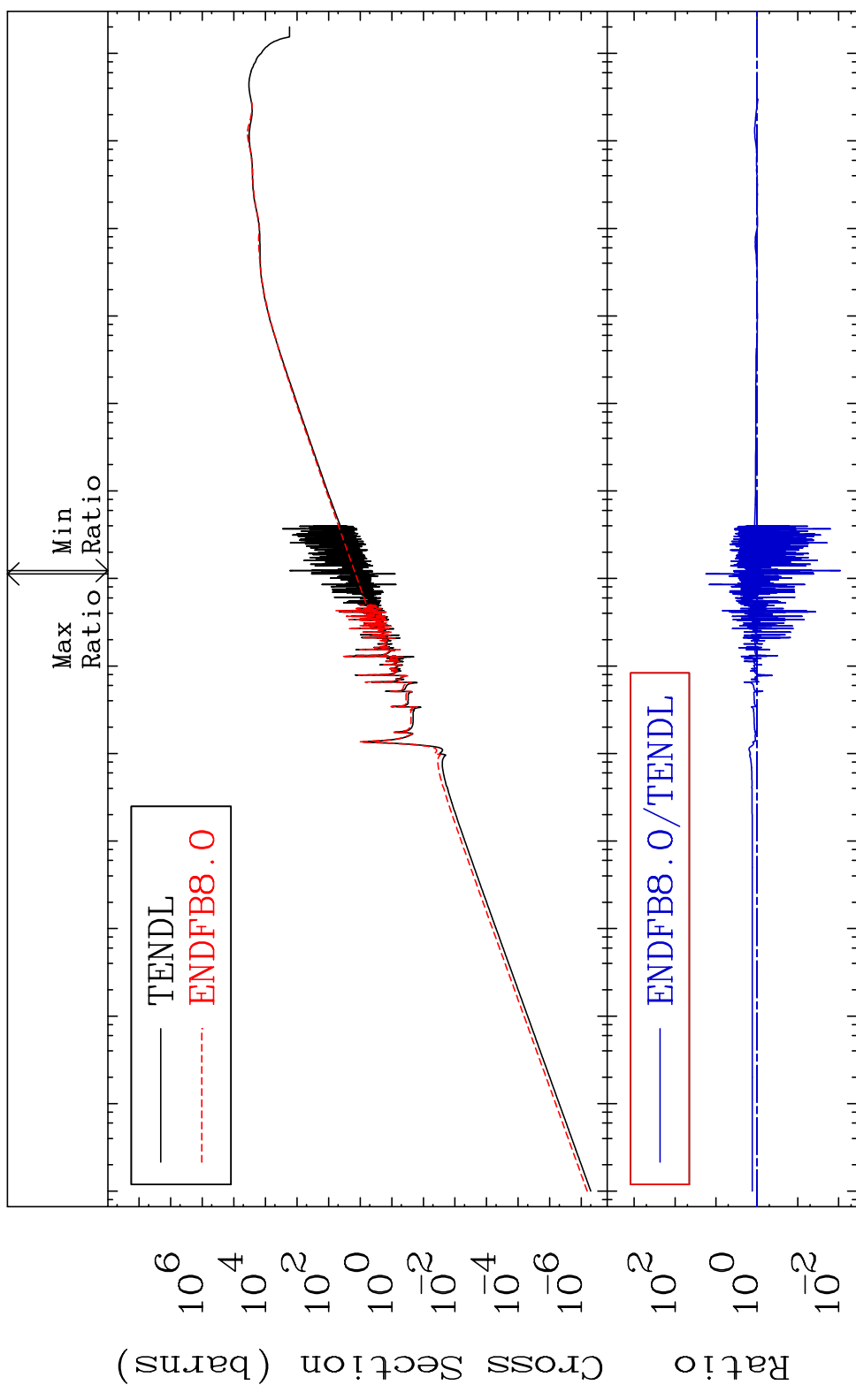




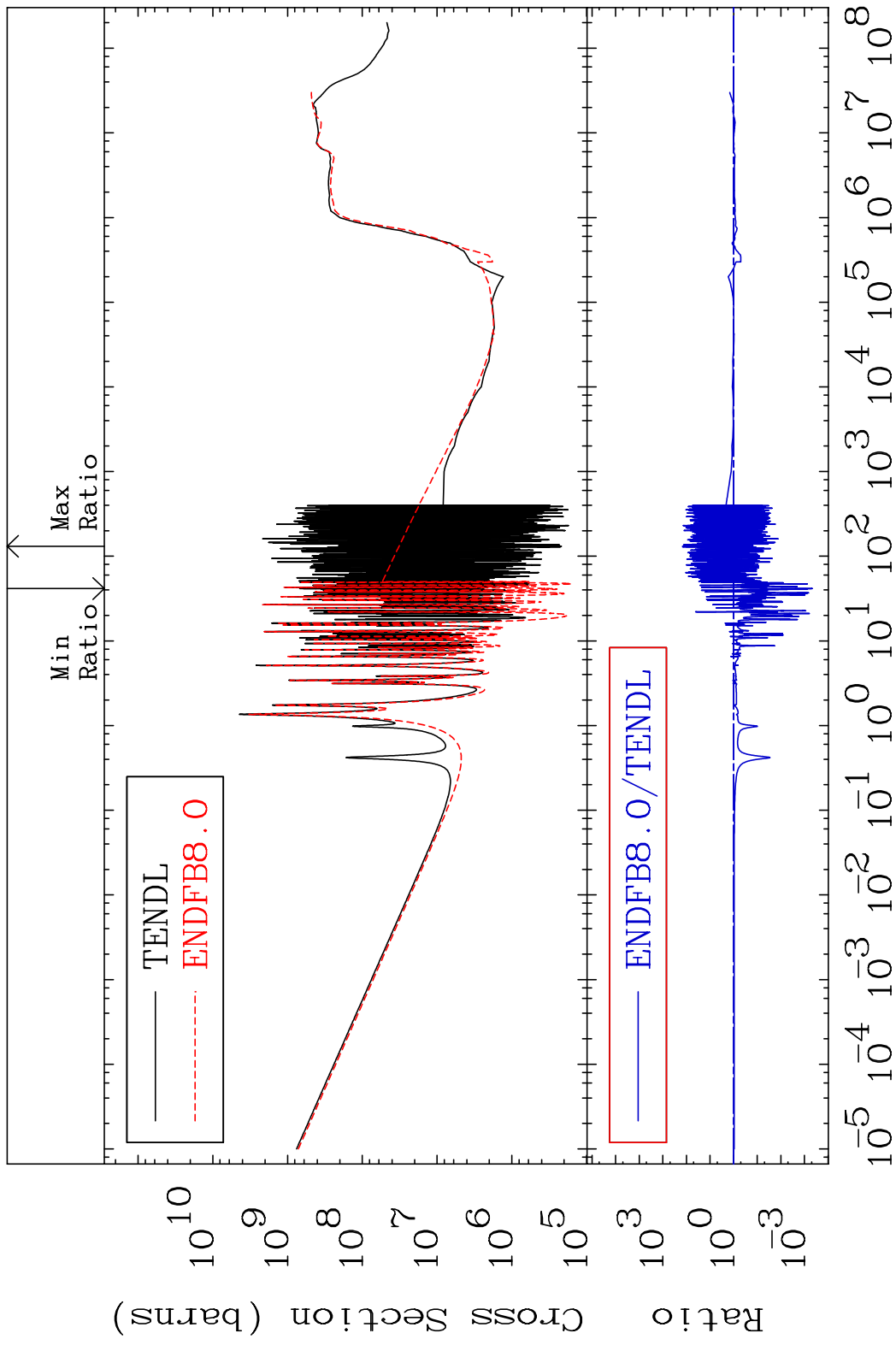
MAT 9549

Kerma elastic  
Cross Section -99.09 To 1676. %

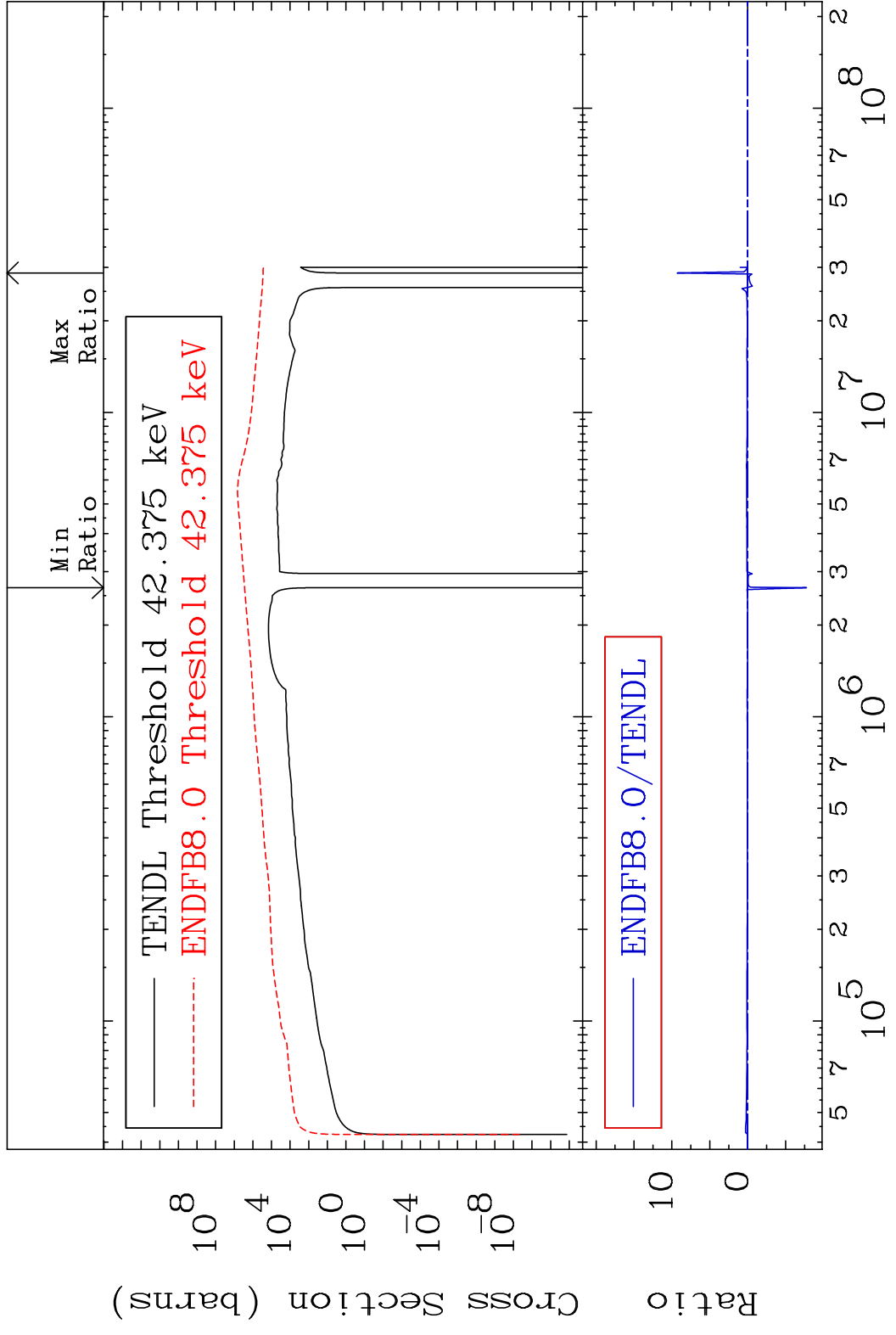
95-Am-243



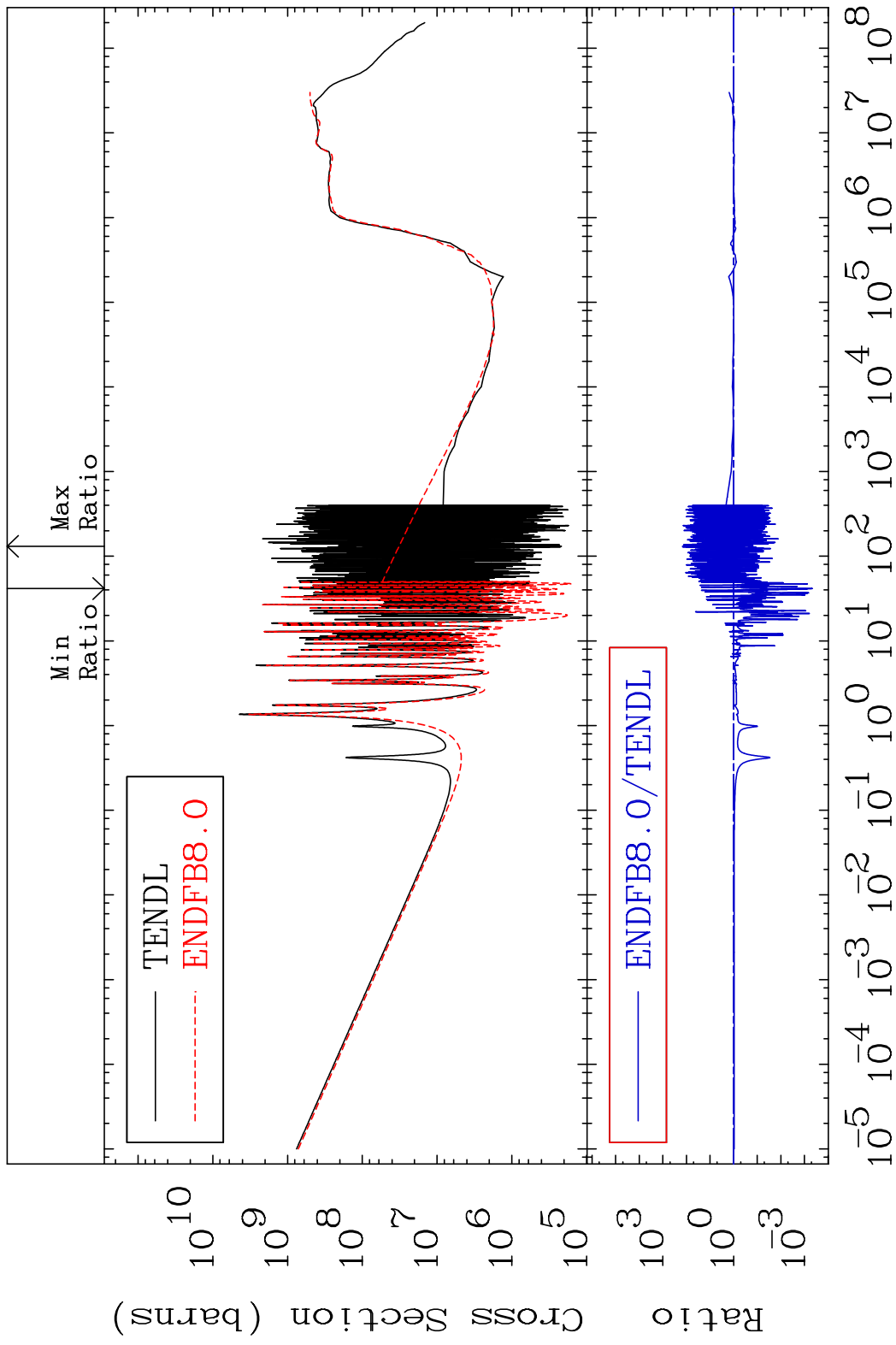
MAT 9549 Kerma non-elastic (all but mt2) 95-Am-243  
 Cross Section -99.95 To 9999. %



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

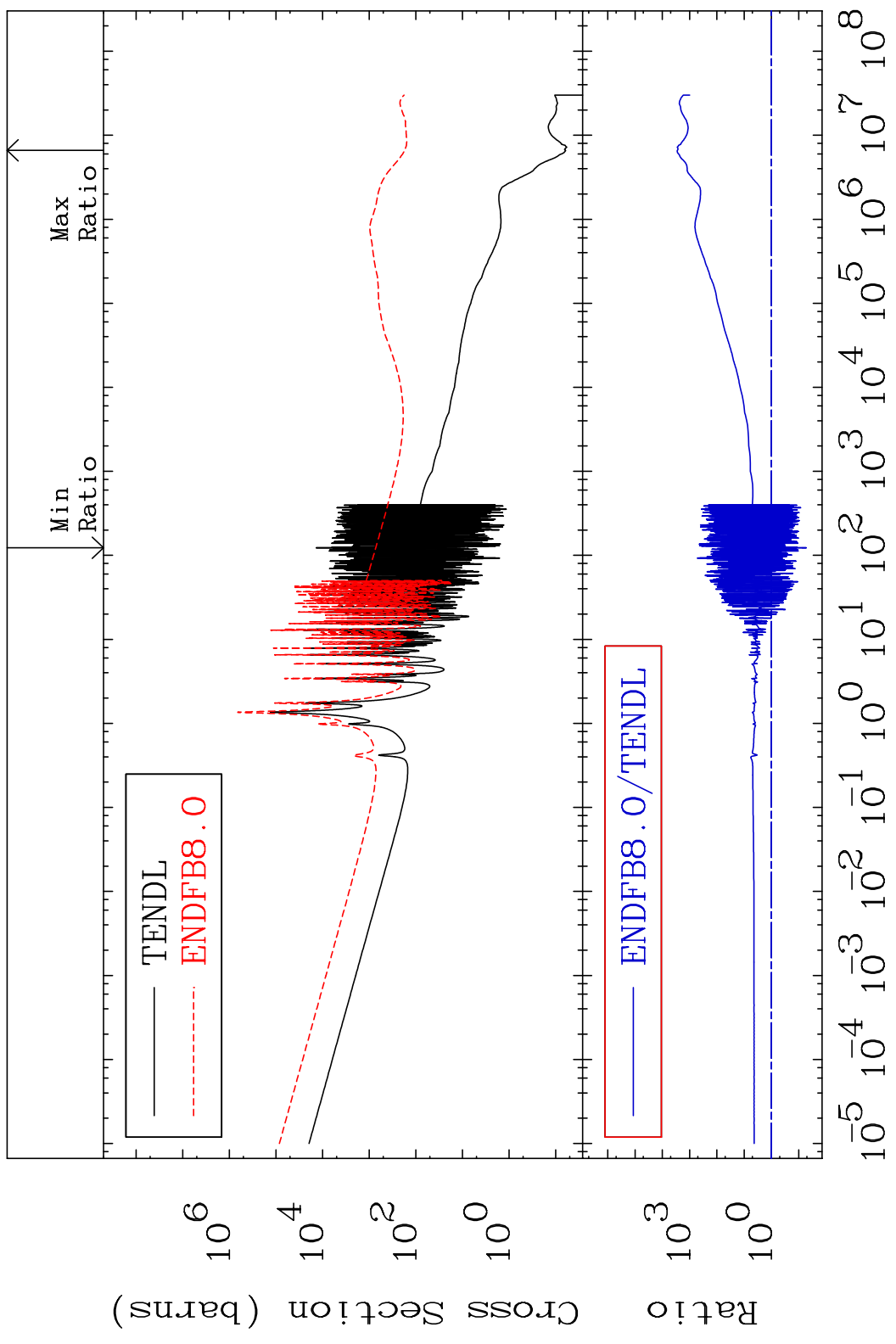


MAT 9549 Kerma fission (mt18 or mt19-20-21-38) 95-Am-243  
 Cross Section -99.95 To 9999. %

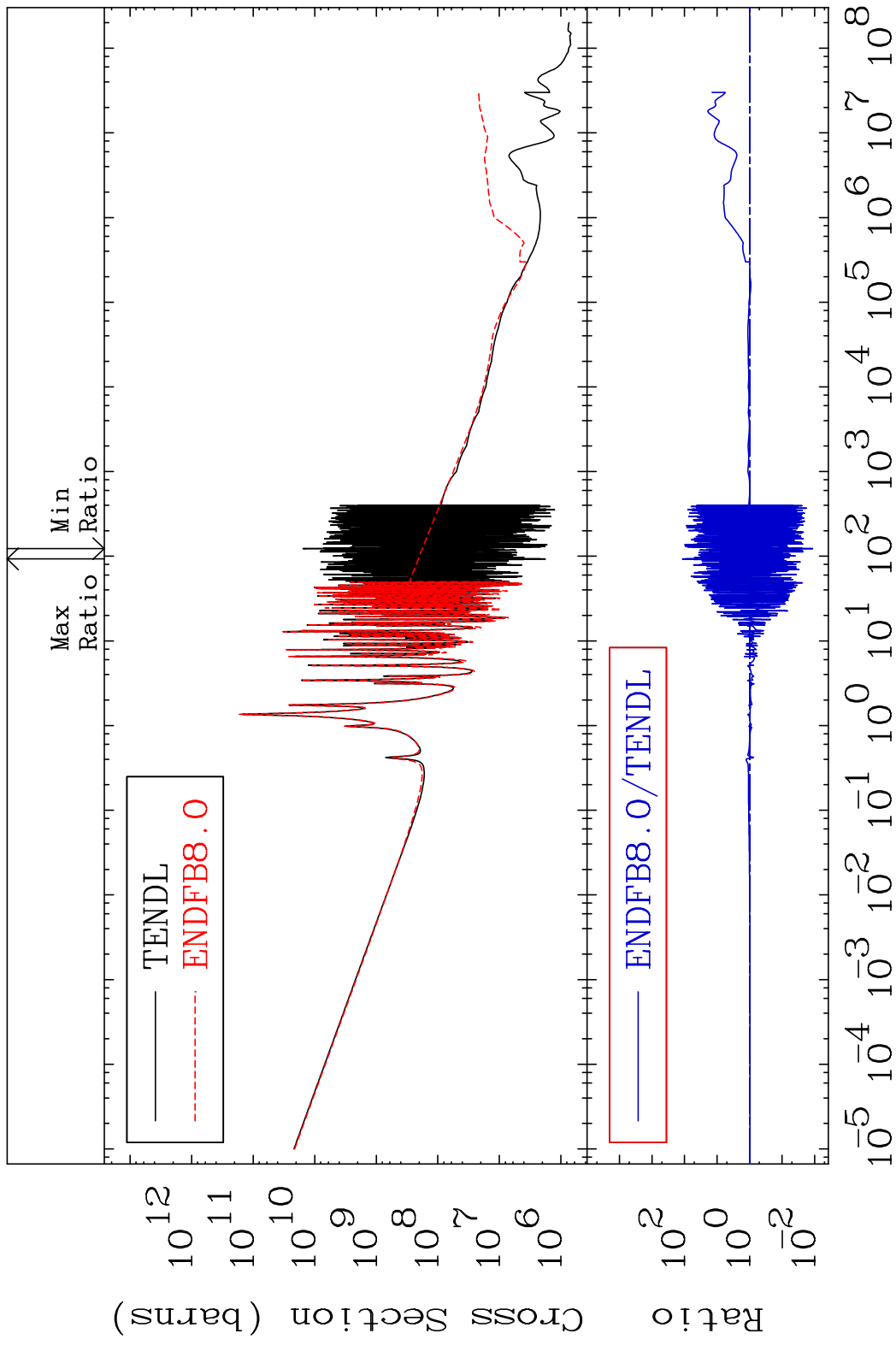


MAT 9549

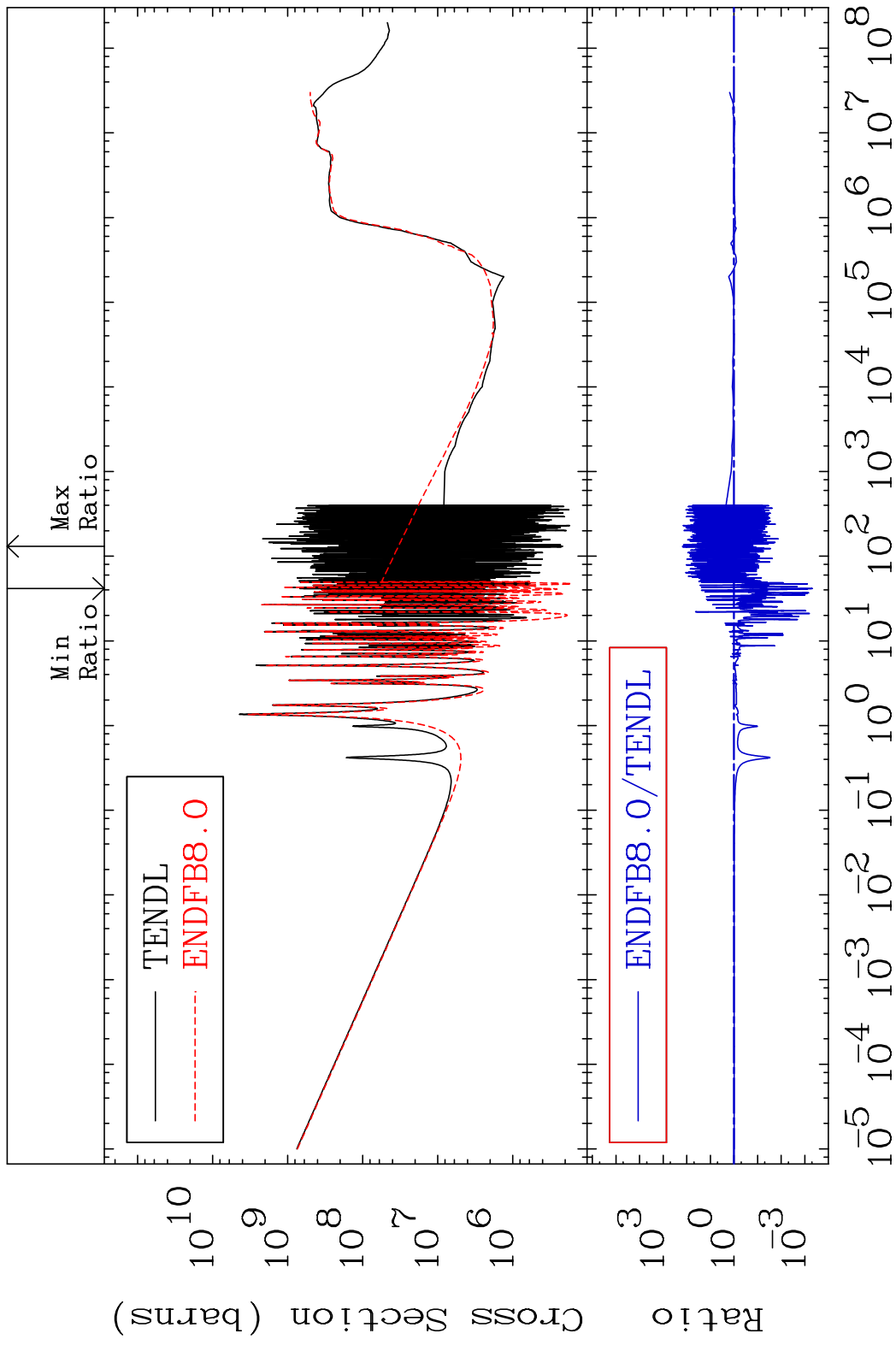
Kerma capture (mt102) 95-Am-243  
Cross Section -94.78 To 9999. %



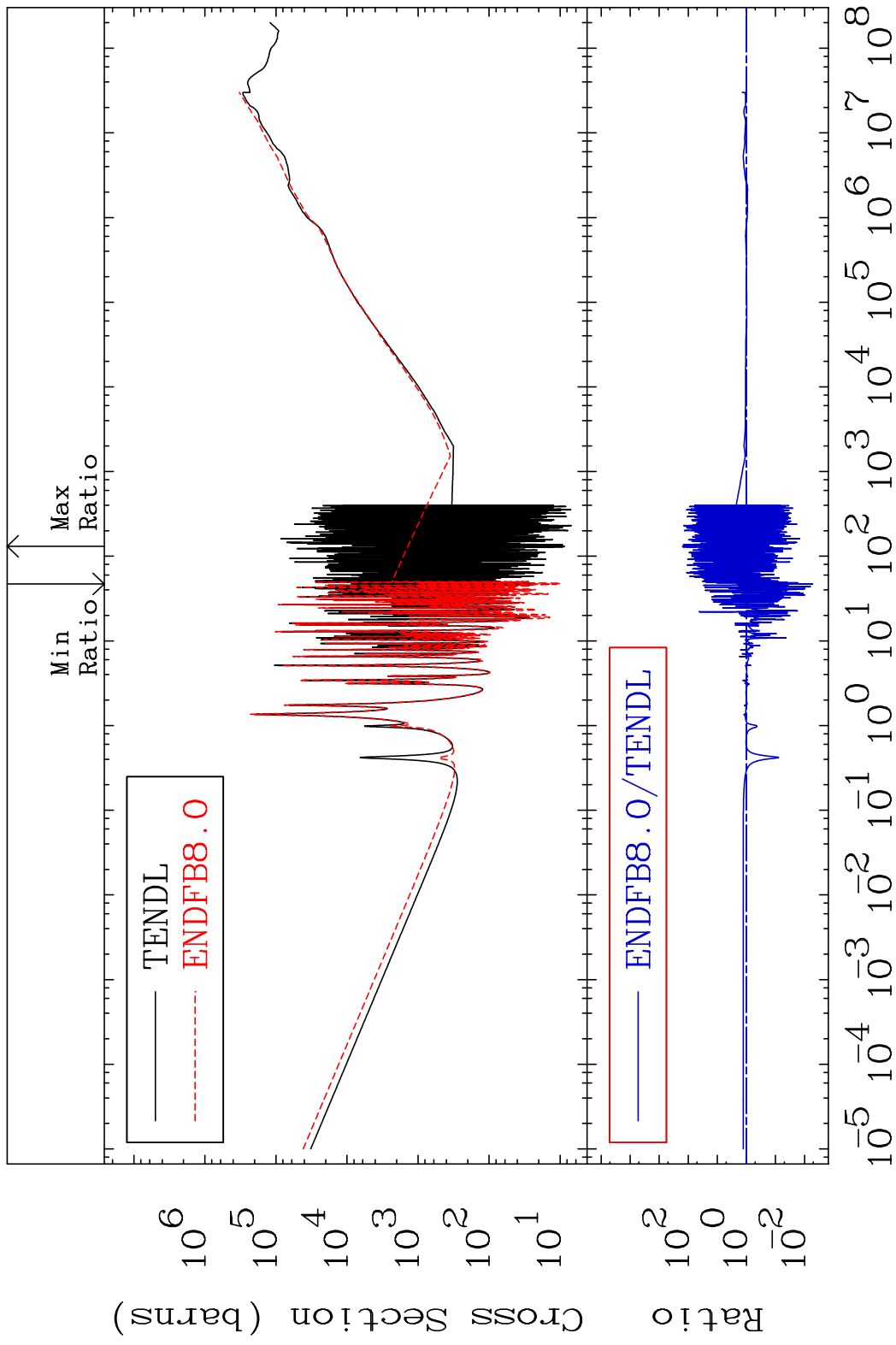
MAT 9549 Total photon (eV-barns) 95-Am-243  
 Cross Section -98.85 To 9999. %



MAT 9549 Total kinematic kerma (high limit) 95-Am-243  
 Cross Section -99.95 To 9999. %



MAT 9549 Dpa total (eV-barns) 95-Am-243  
 Cross Section -99.47 To 9999. %



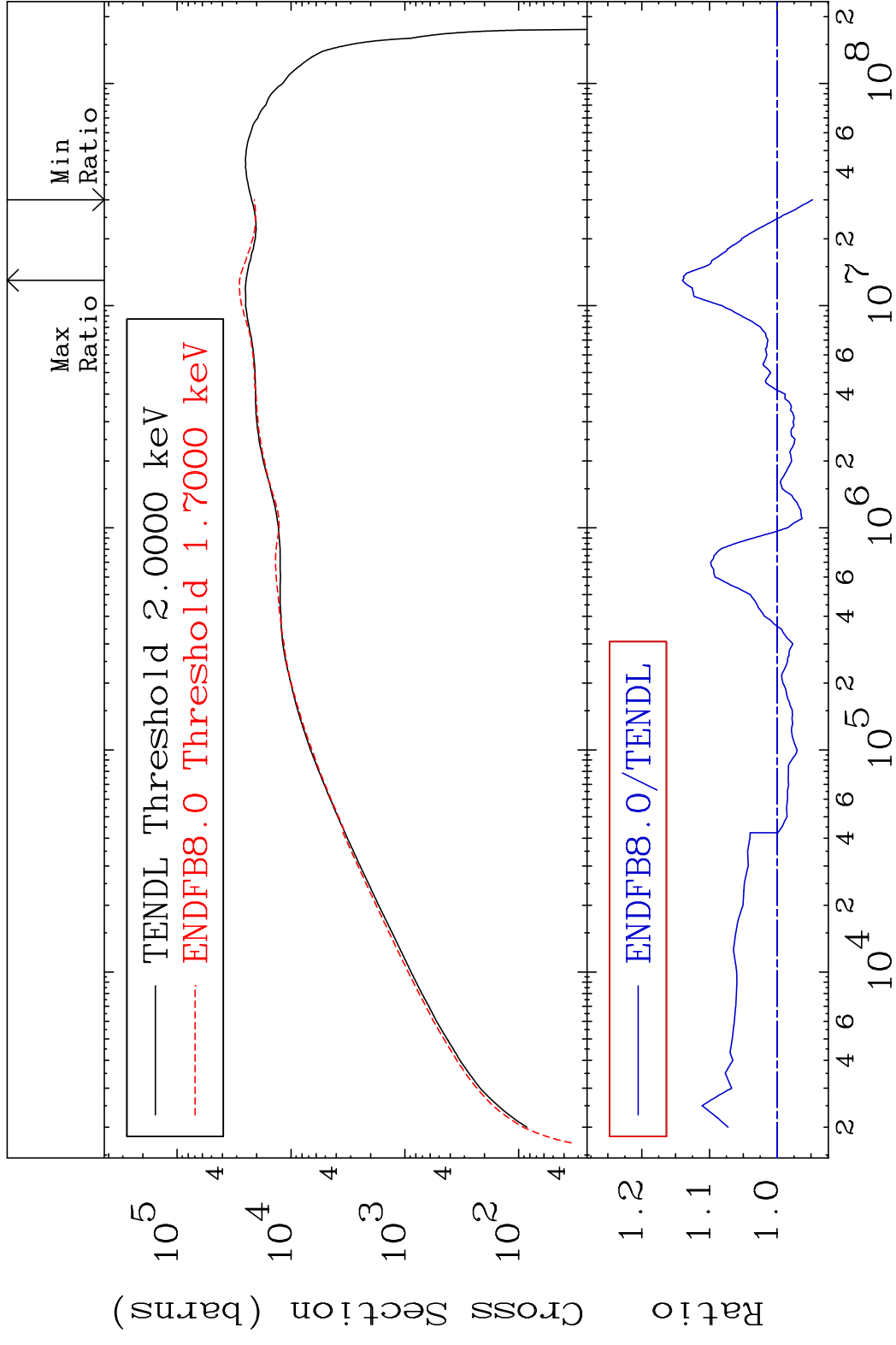


MAT 9549

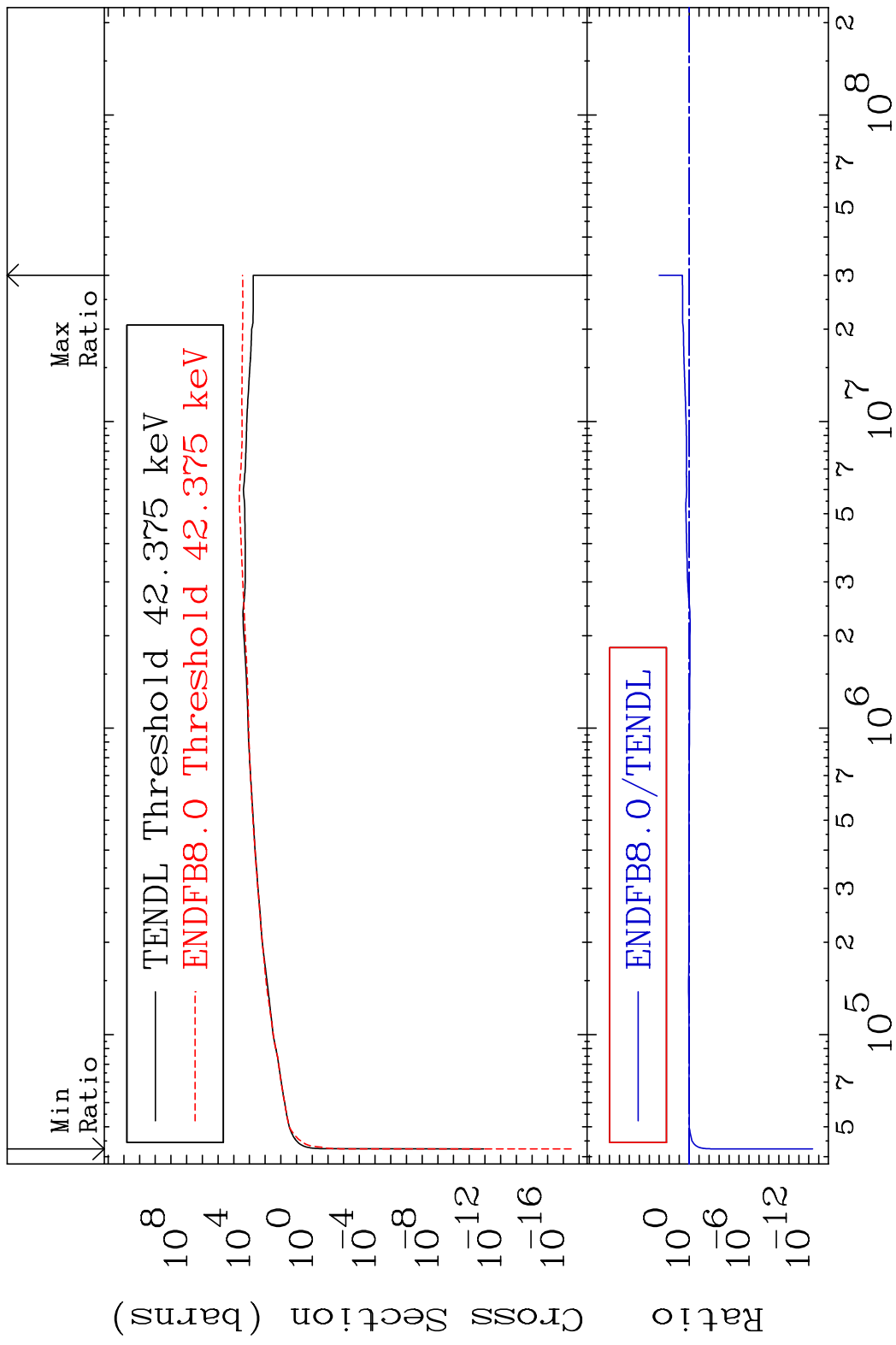
Dpa elastic (mt2)

95-Am-243

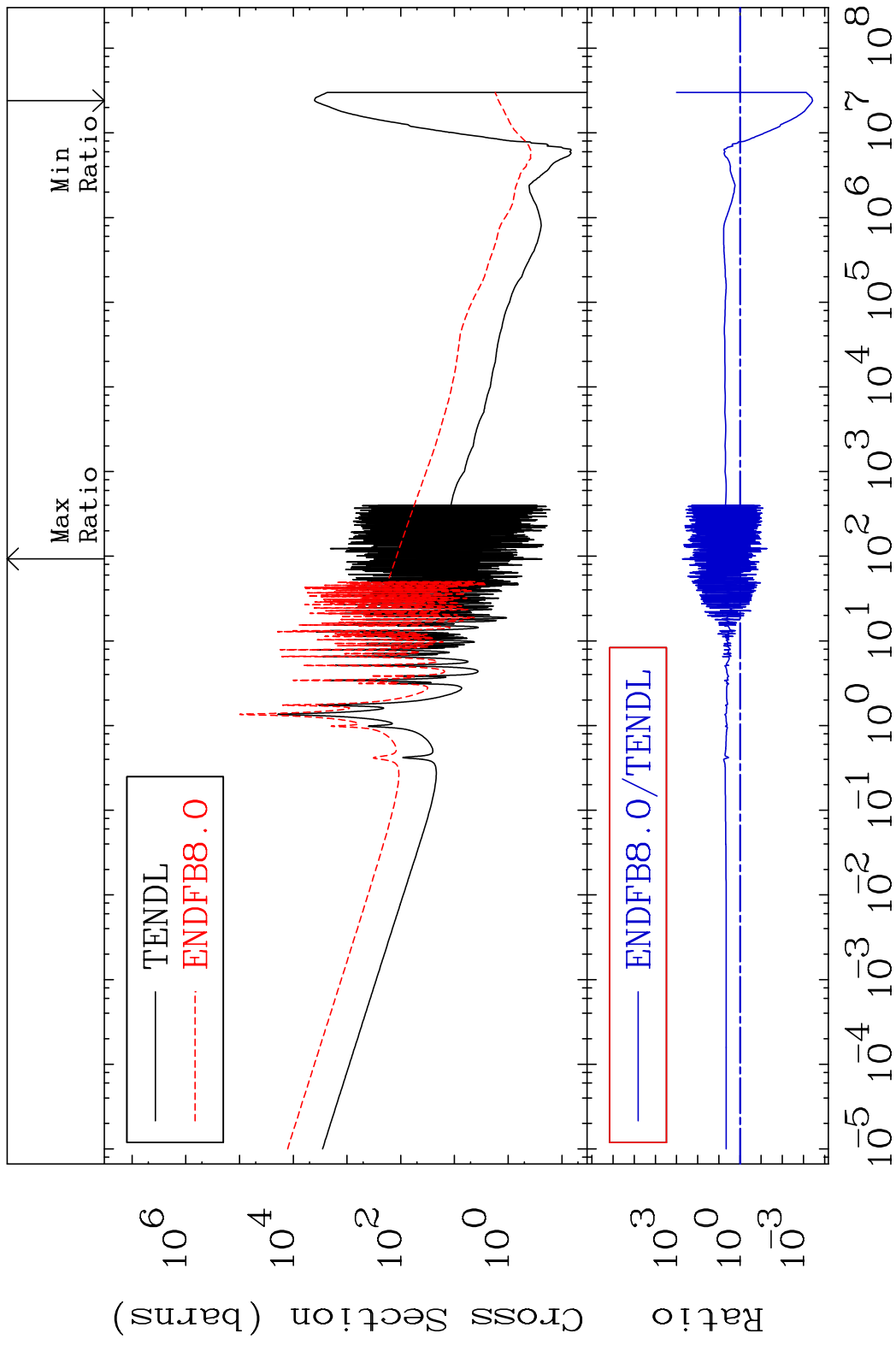
Cross Section -5.236 To 14.00 %



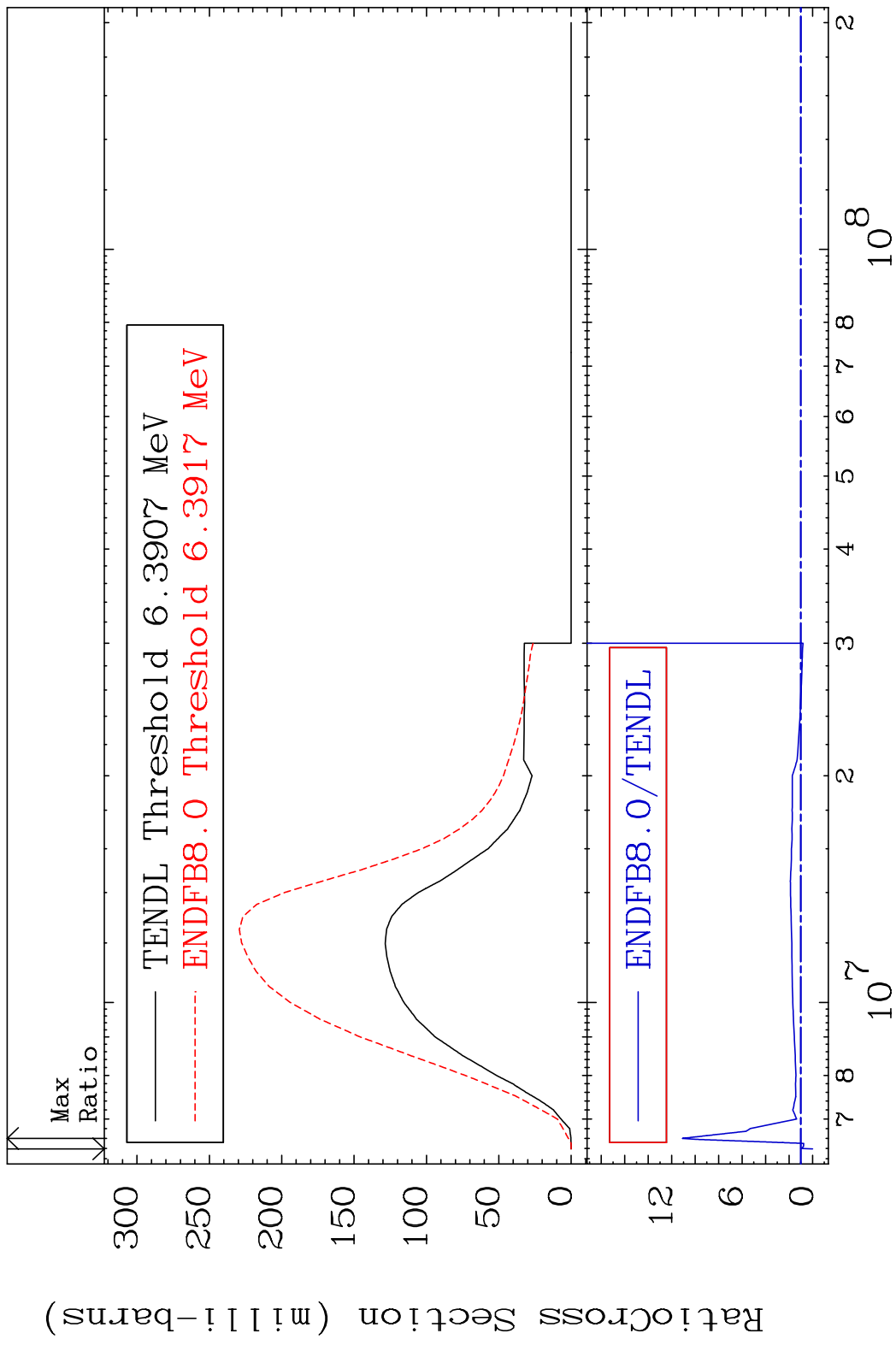
MAT 9549 Dpa inelastic (mt51-91) 95-Am-243  
 Cross Section -100.0 To 380.8 %



MAT 9549 Dpa disappearance (mt102 -120) 95-Am-243  
 Cross Section -99.96 To 9999. %



MAT 9549 (n,2n):95-Am-242g 95-Am-243  
 Radionuclide Production Cross Section Ratio 100.0 to 1009. %



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

