

Program Complot  
(Version 2021-1)

by

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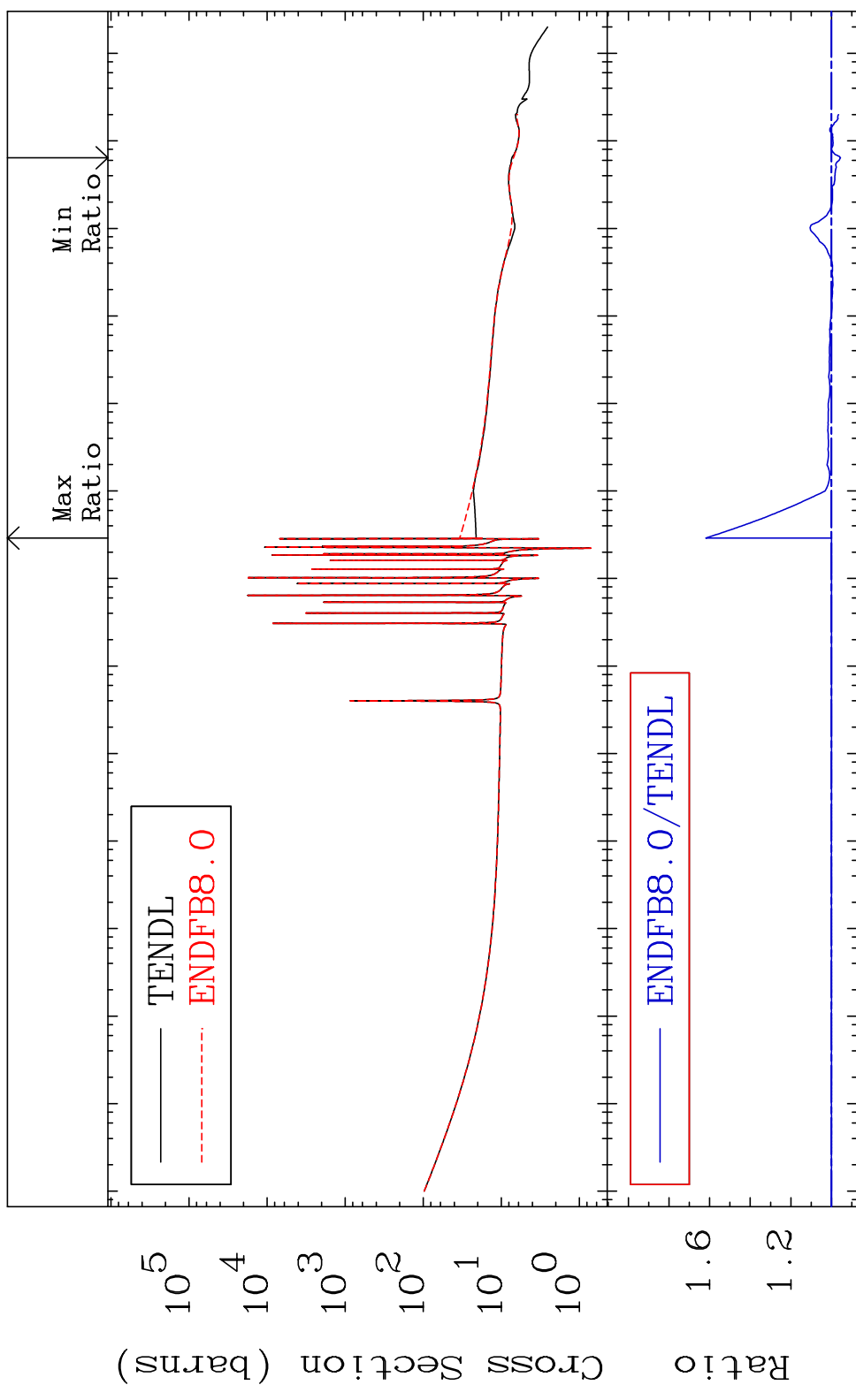
Press Mouse Button to Start

MAT 9452

Total

94-Pu-244

Cross Section -4.450 To 61.94 %



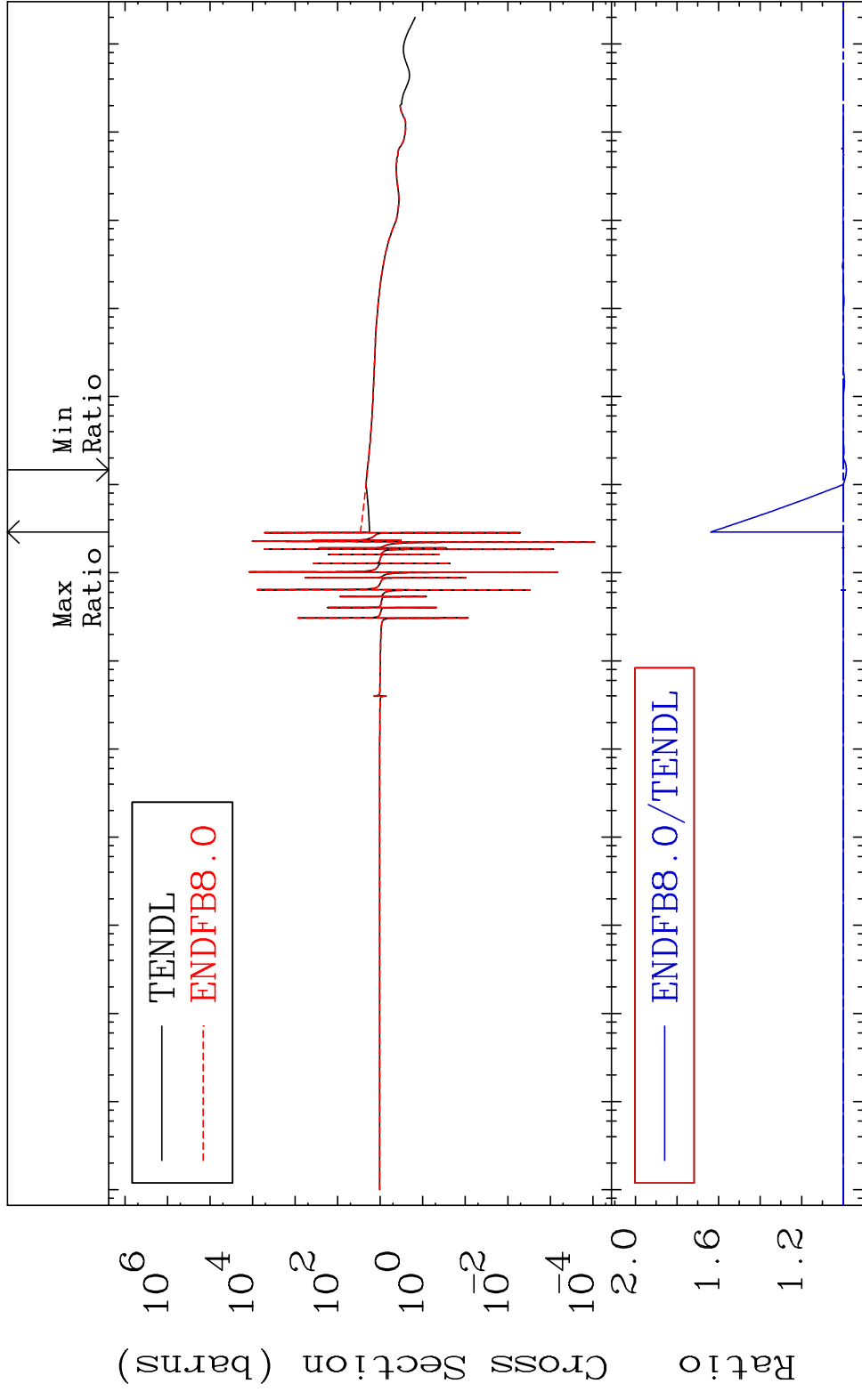
1 Incident Energy (eV) 94-Pu-244

MAT 9452

Elastic

94-Pu-244

Cross Section -1.505 To 63.77 %

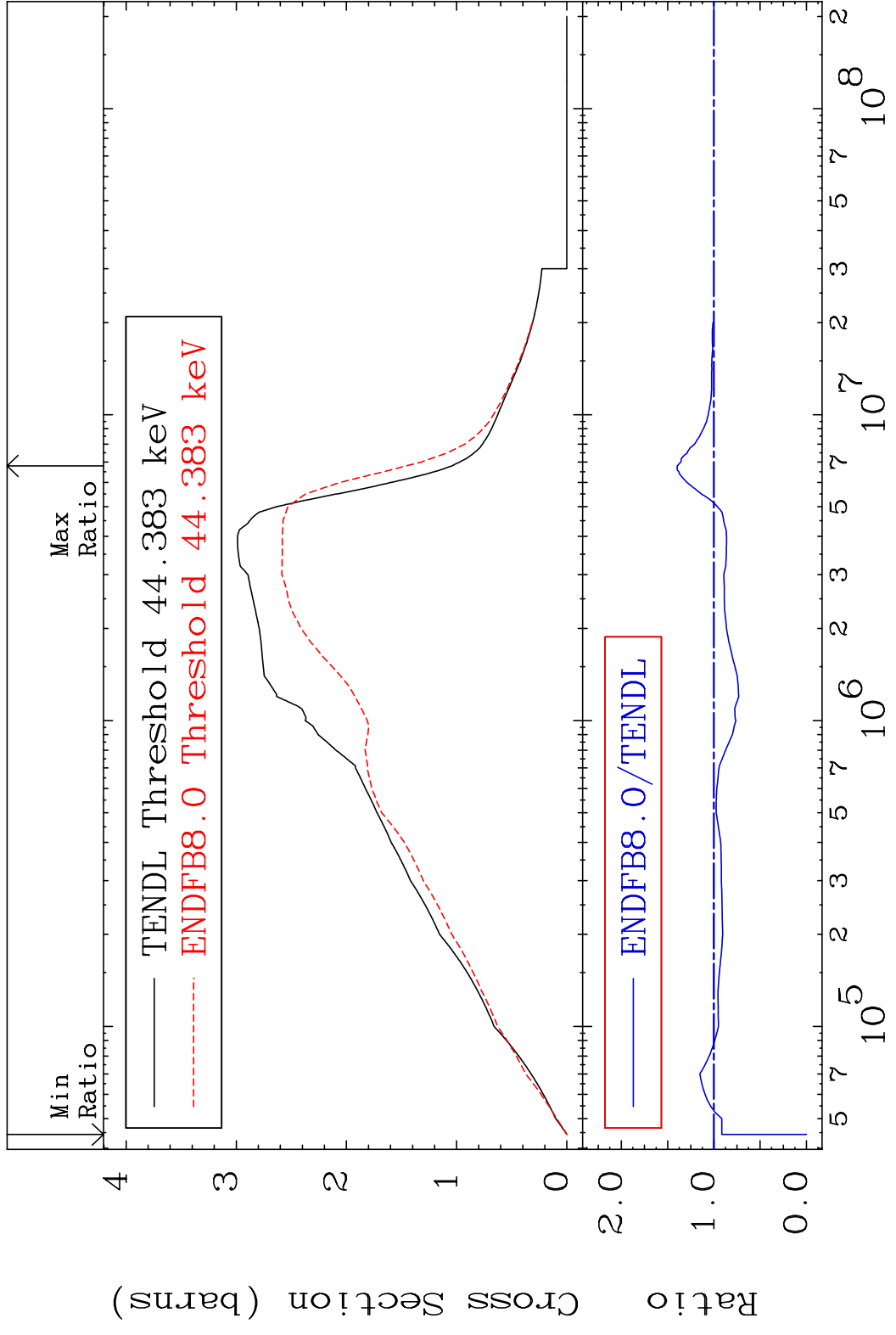


2

Incident Energy (eV)

94-Pu-244

MAT 9452 Inelastic 94-Pu-244  
 Cross Section -100.0 To 39.68 %

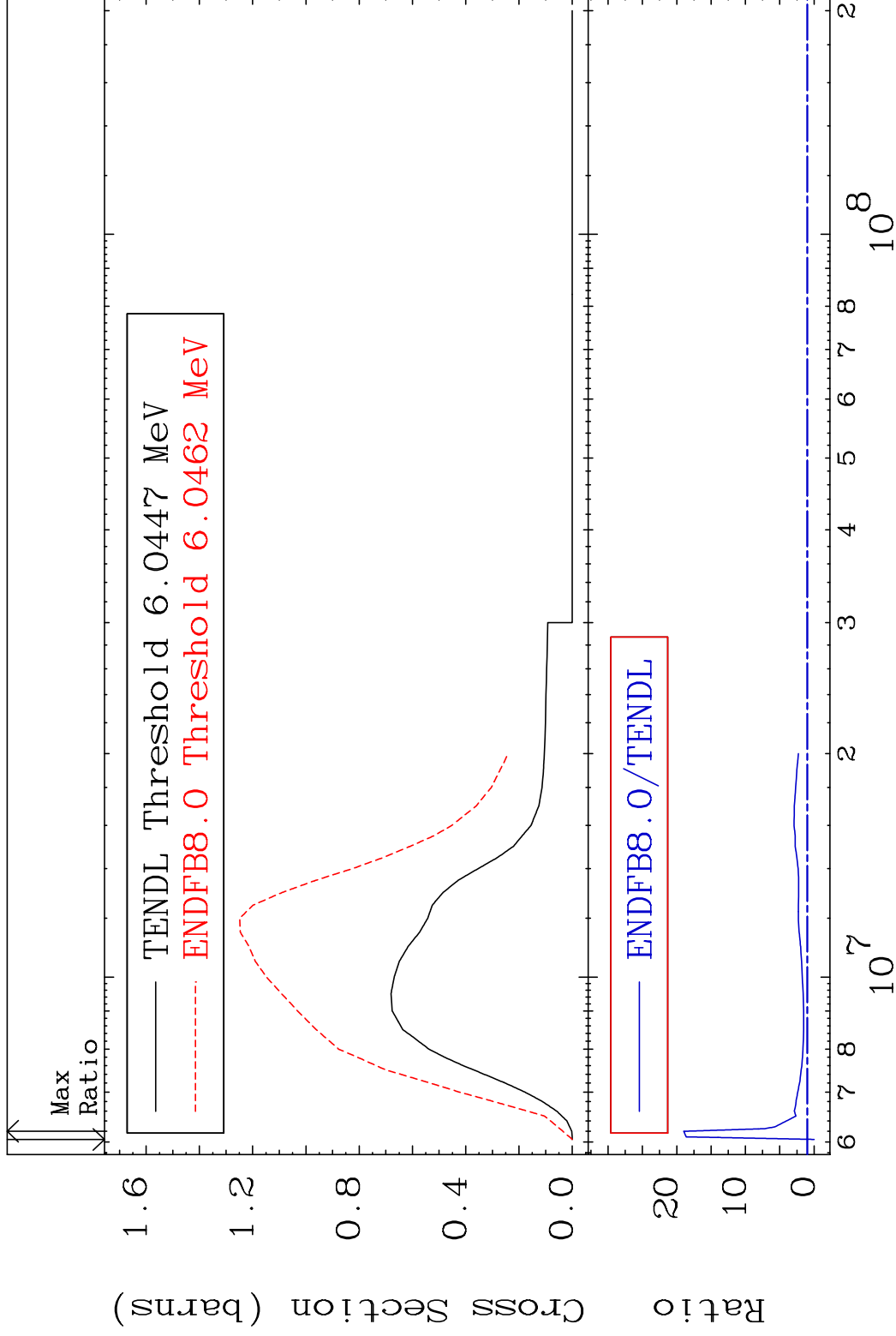


MAT 9452

(n,2n)

94-Pu-244

Cross Section -100.0 To 1799. %

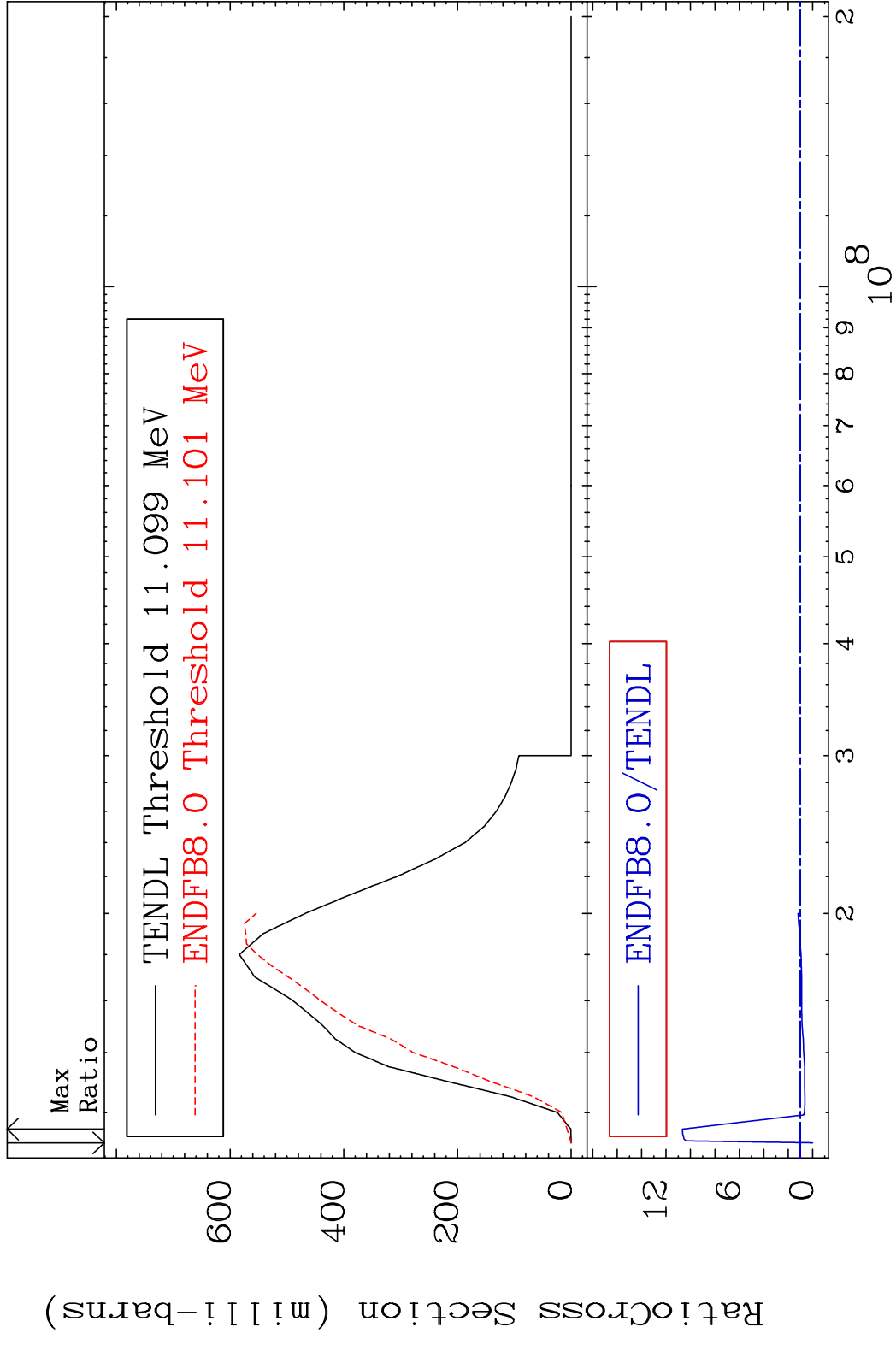


4

Incident Energy (eV)

94-Pu-244

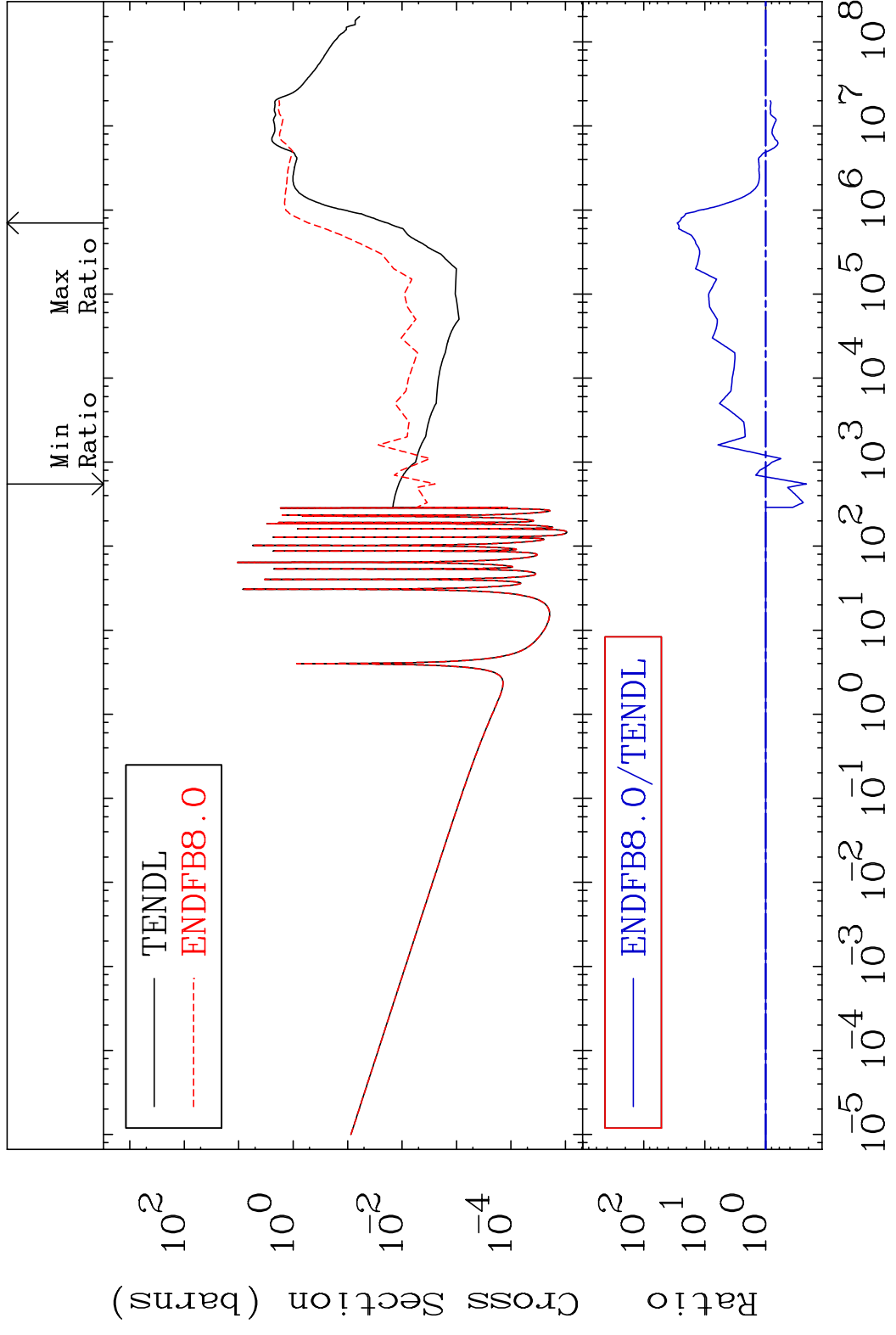
MAT 9452 (n,3n) 94-Pu-244  
 Cross Section -100.0 To 966.6 %



5

MAT 9452

Fission Cross Section -78.44 To 2736. %  
94-Pu-244

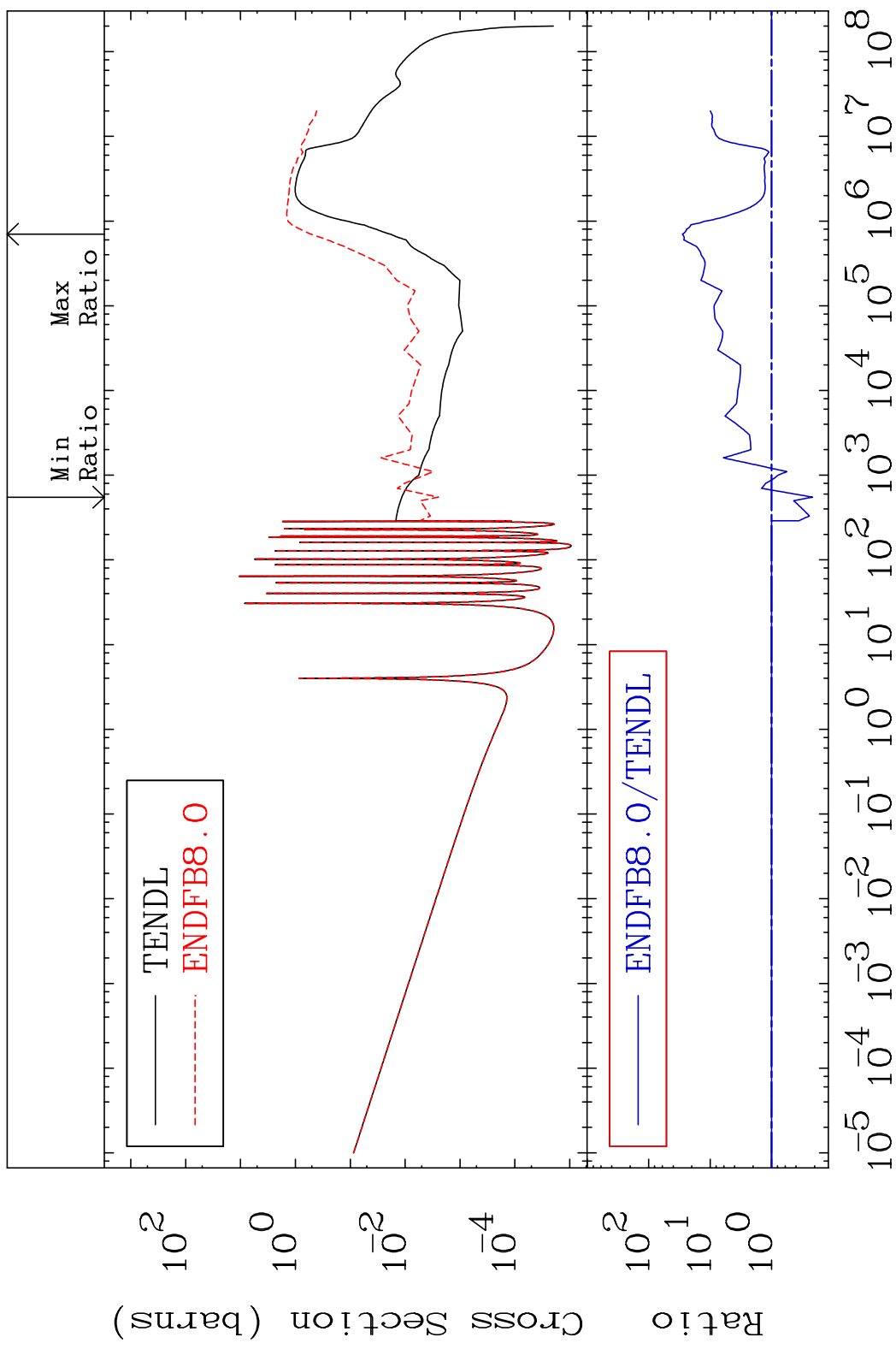


MAT 9452

(n,f) First Chance

94-Pu-244

Cross Section -78.44 To 2736. %



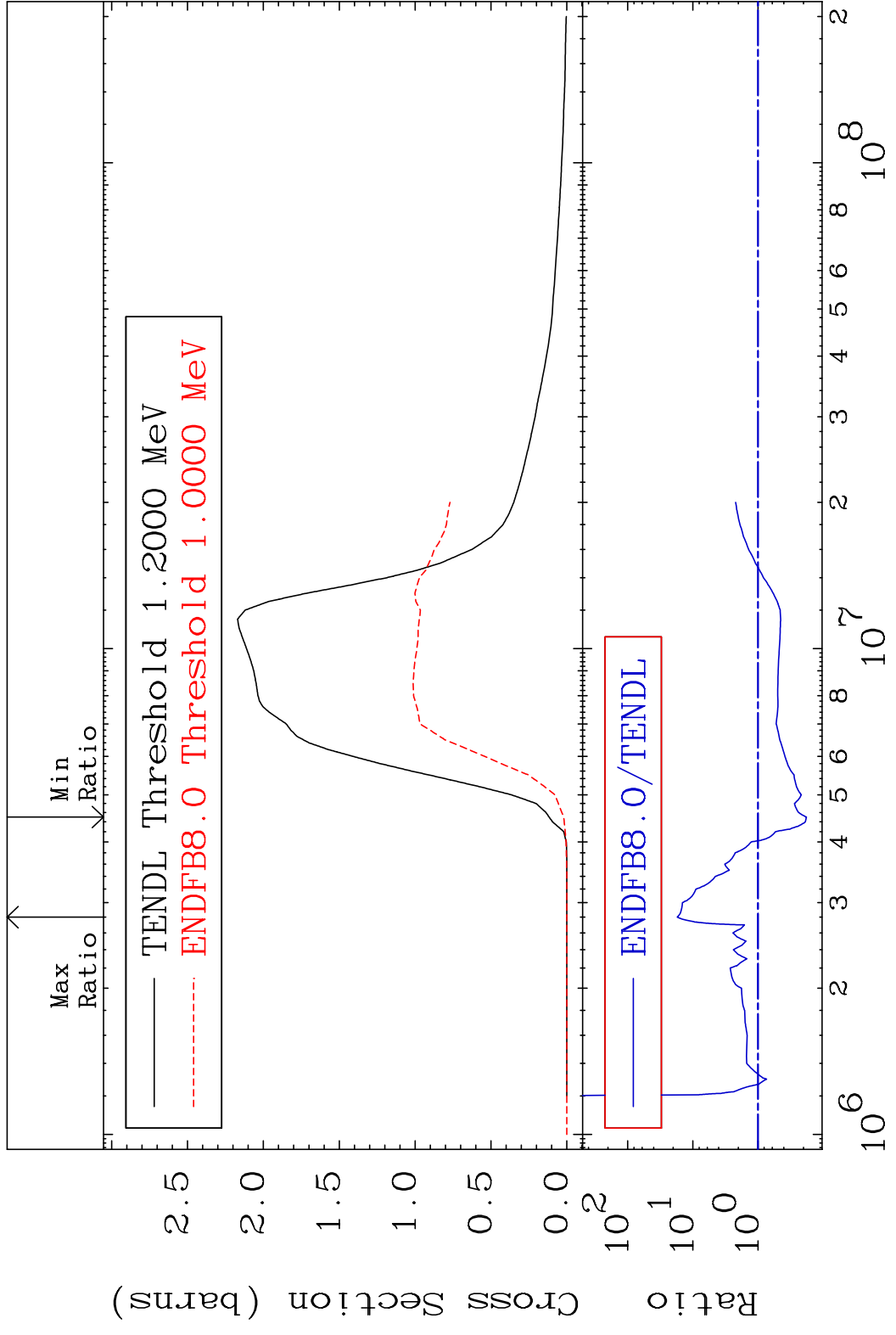
7

Incident Energy (eV)

94-Pu-244

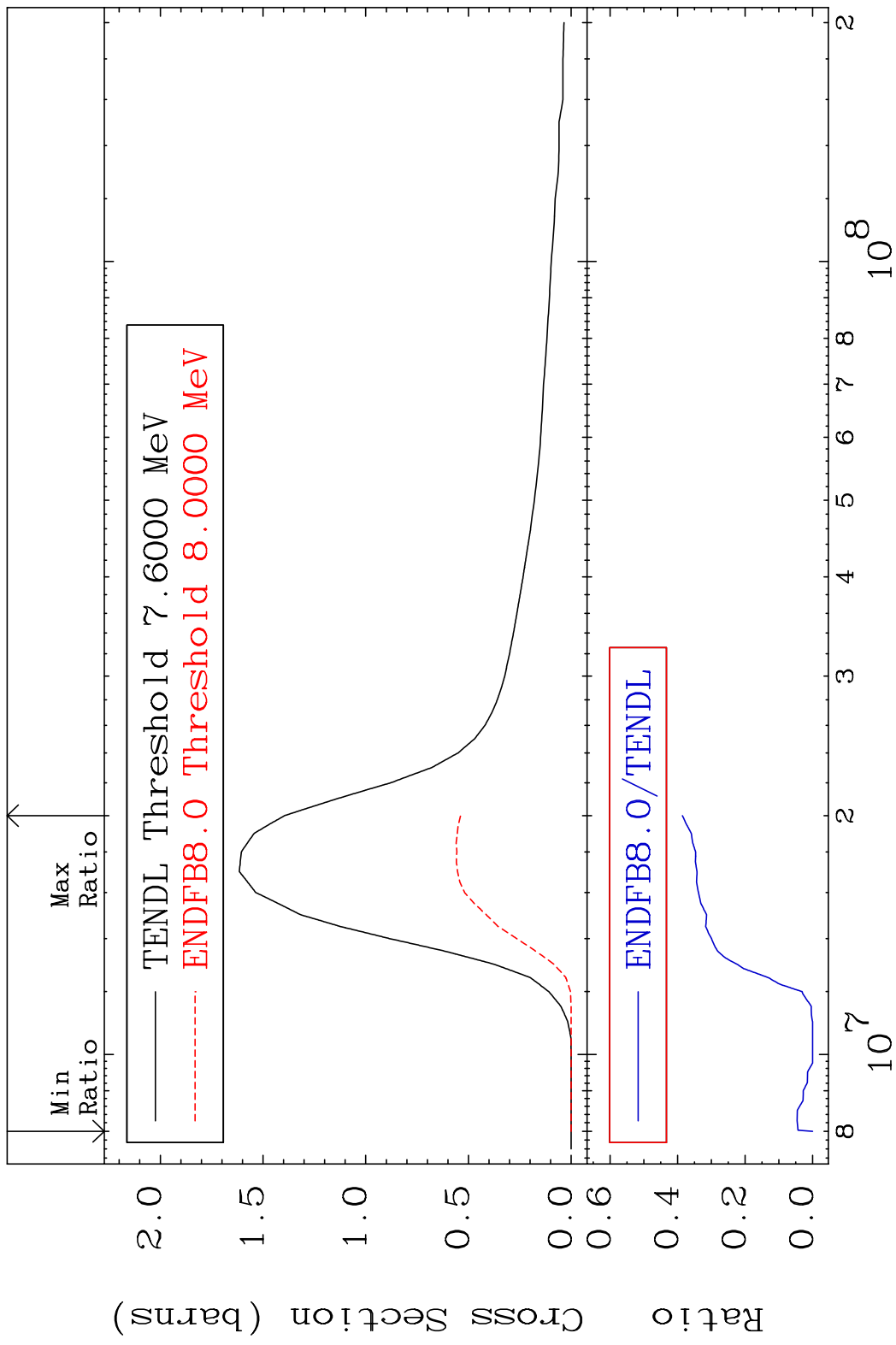
MAT 9452

(n, nf) Second Chance 94-Pu-244  
Cross Section -82.00 To 1636. %



8 Incident Energy (eV) 94-Pu-244

MAT 9452 (n,2nf) Third Chance 94-Pu-244  
 Cross Section -100.0 To -61.42%



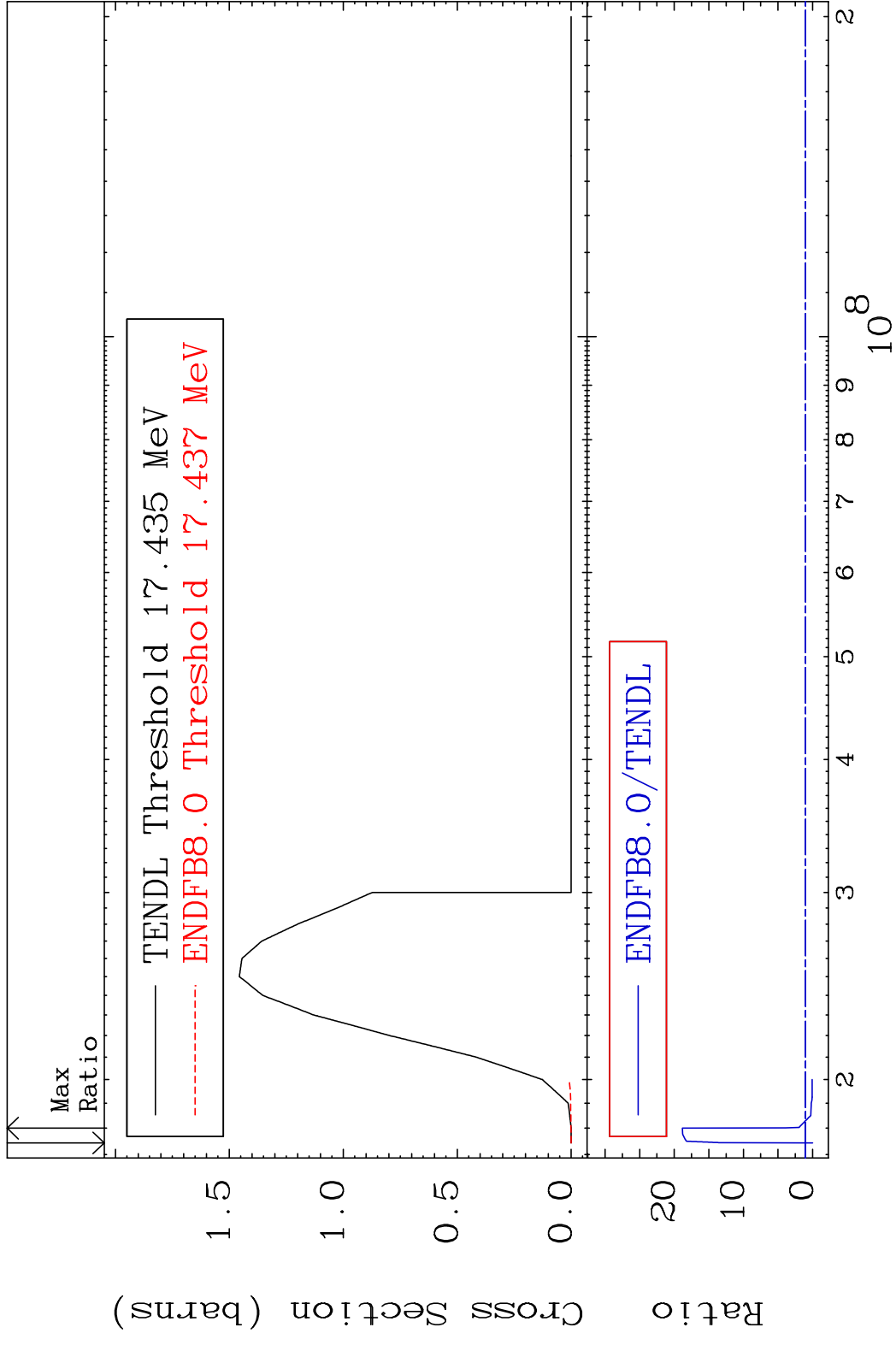
9 Incident Energy (eV) 94-Pu-244

MAT 9452

(n, 4n)

94-Pu-244

Cross Section -100.0 To 1783. %

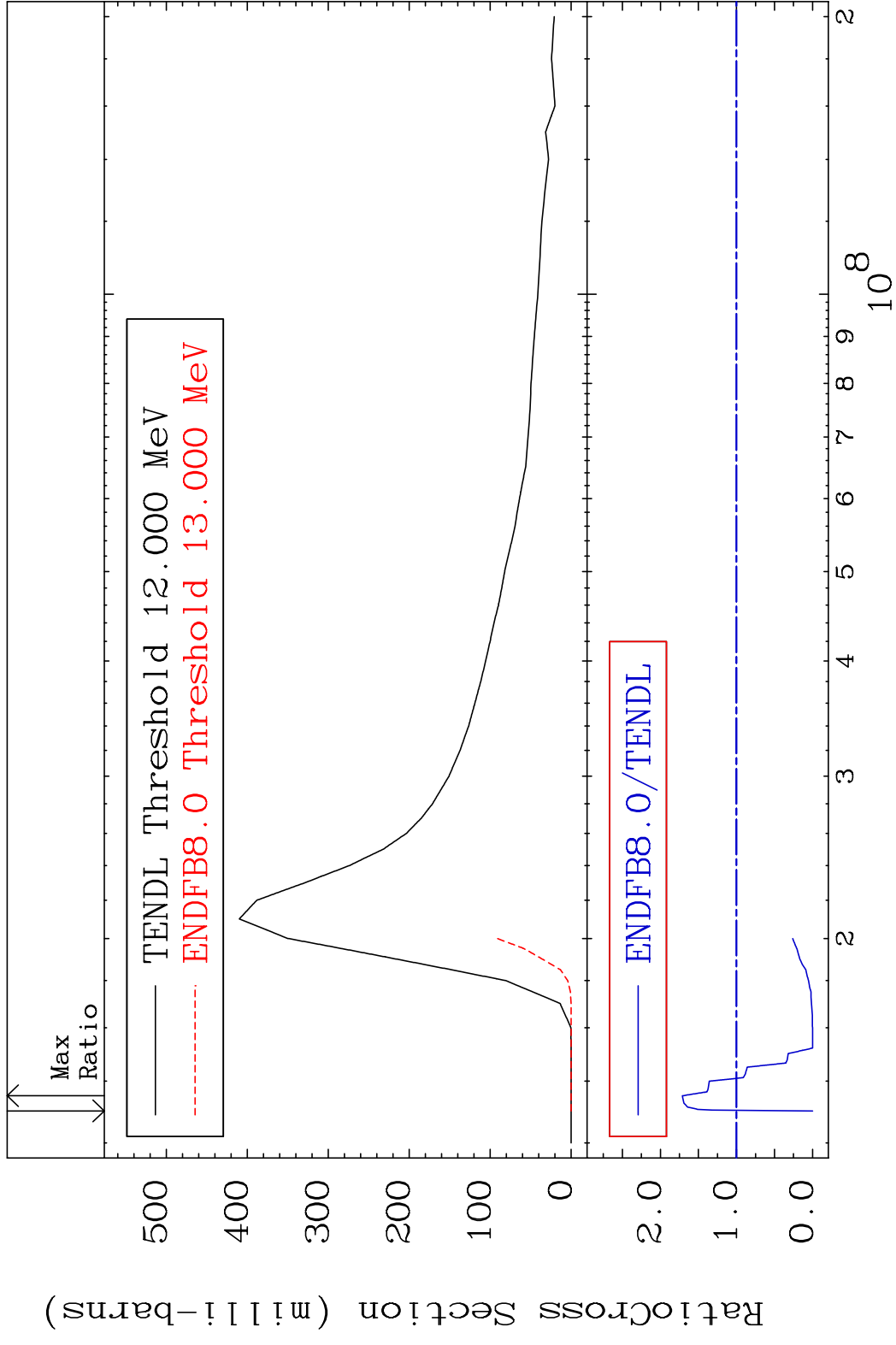


10

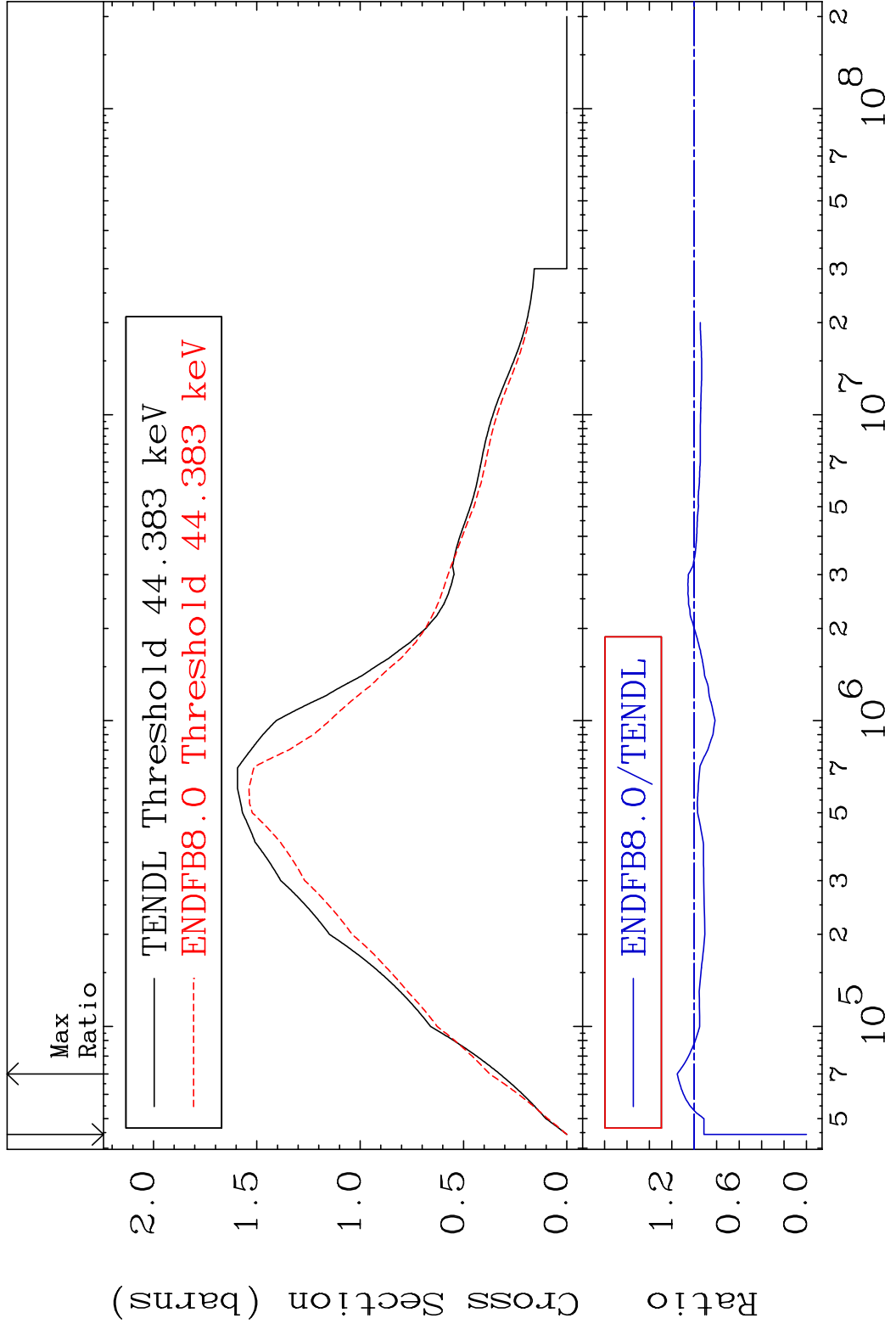
Incident Energy (eV)

94-Pu-244

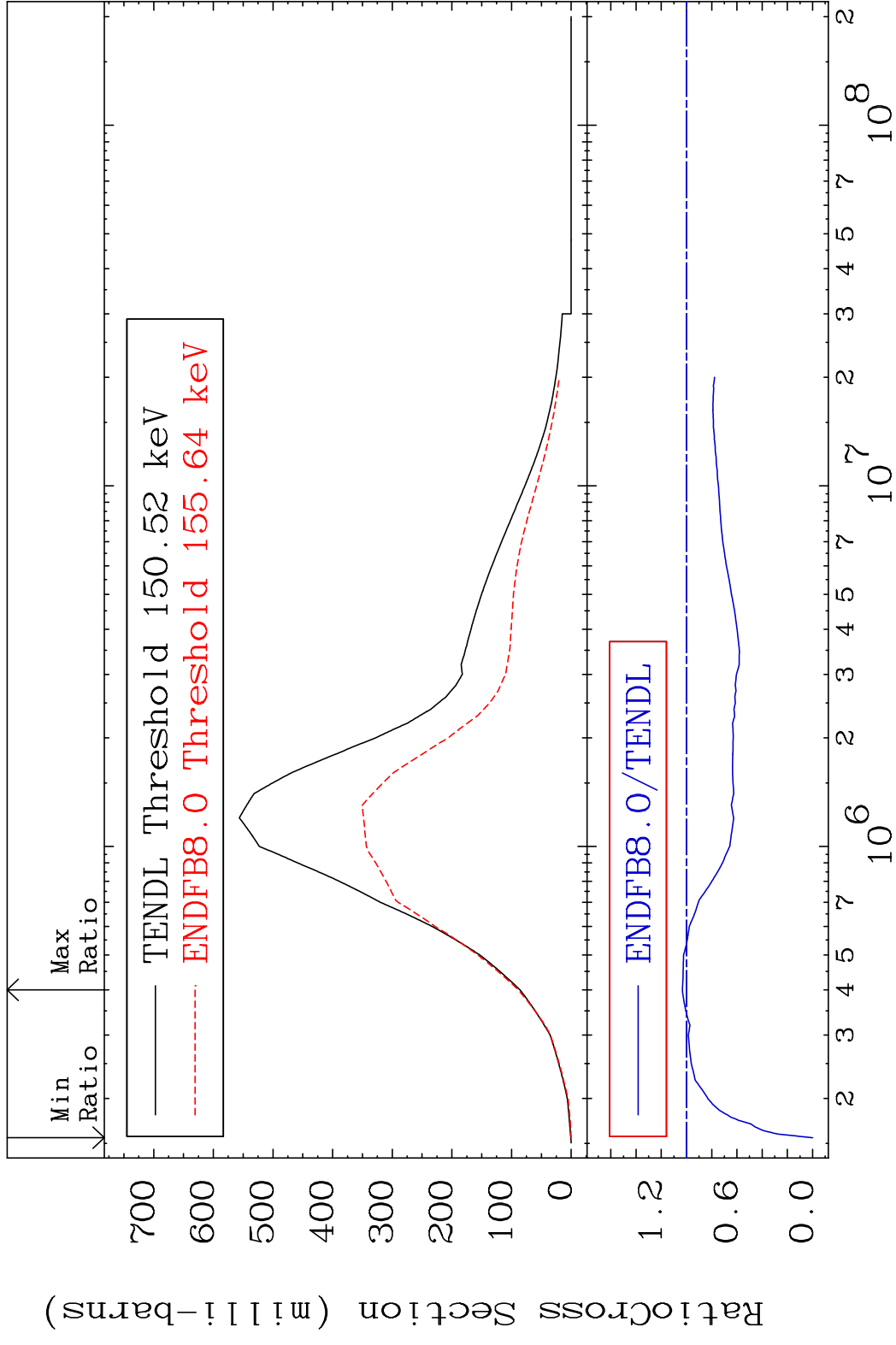
MAT 9452 (n,3nf) Fourth Chance 94-Pu-244  
 Cross Section -100.0 To 71.16 %



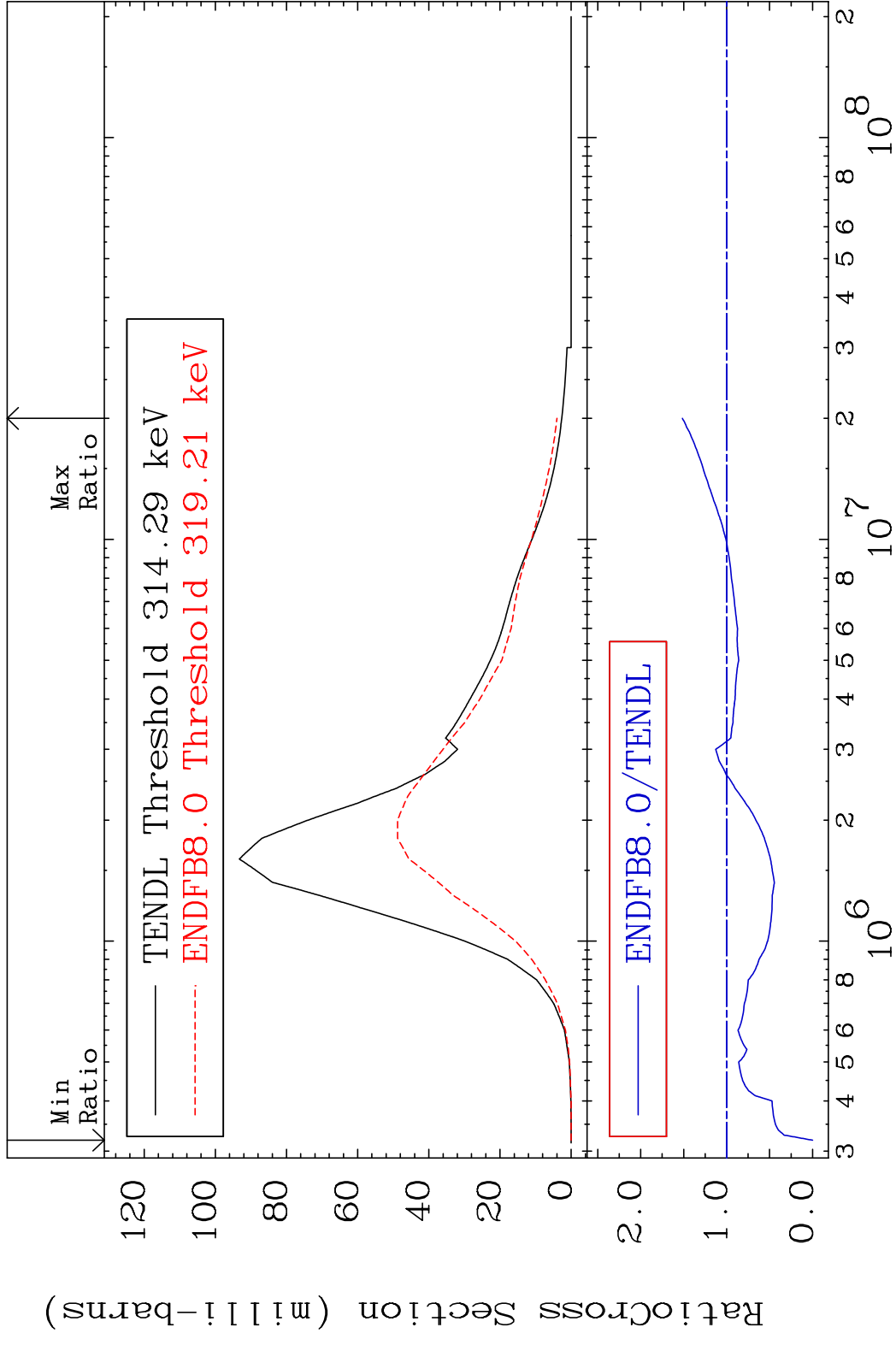
MAT 9452 MT= 51 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 15.24 %



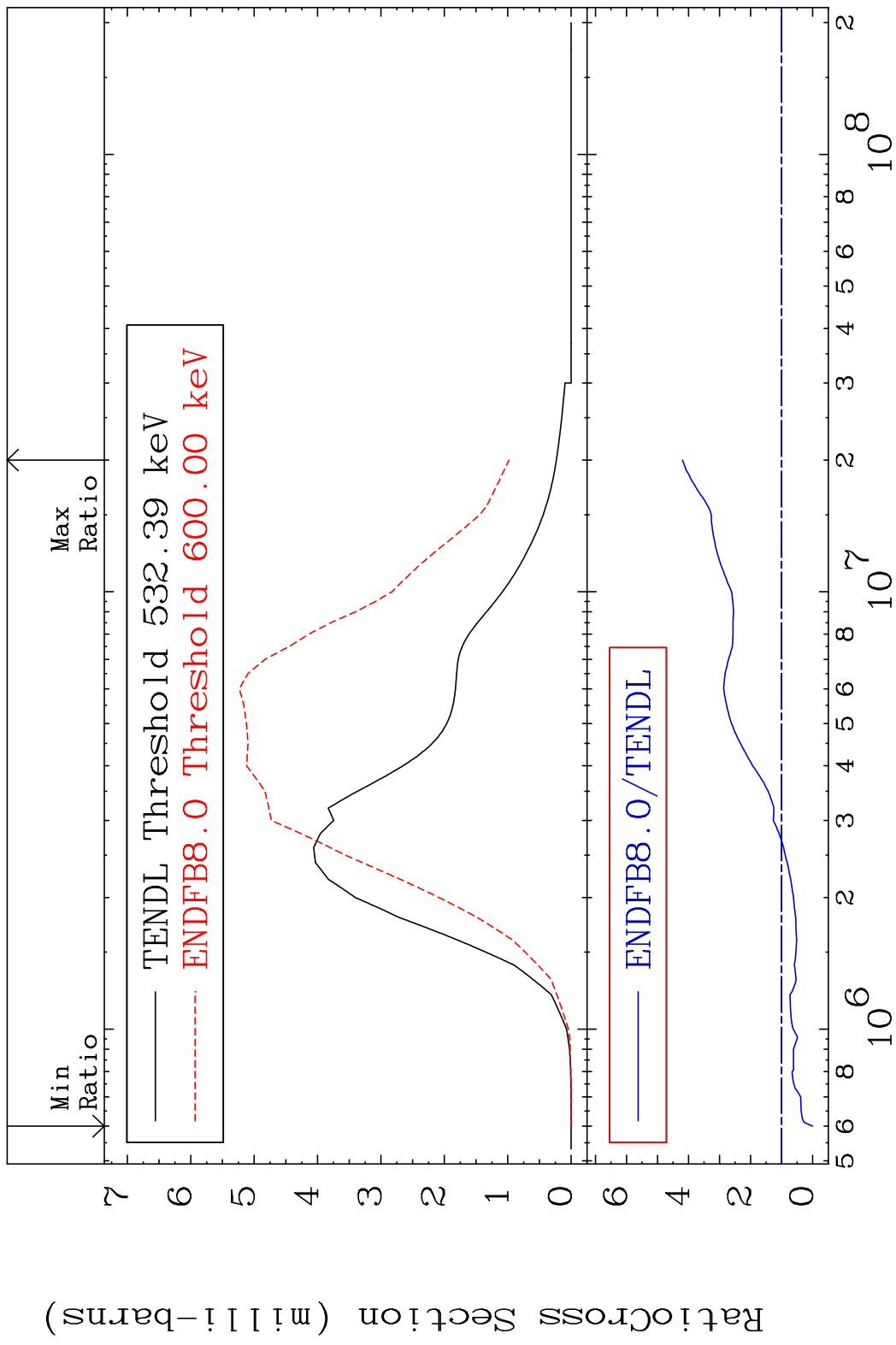
MAT 9452 MT= 52 (n,n') Level 94-Pu-244  
 Cross Section -100.0 To 3.293 %



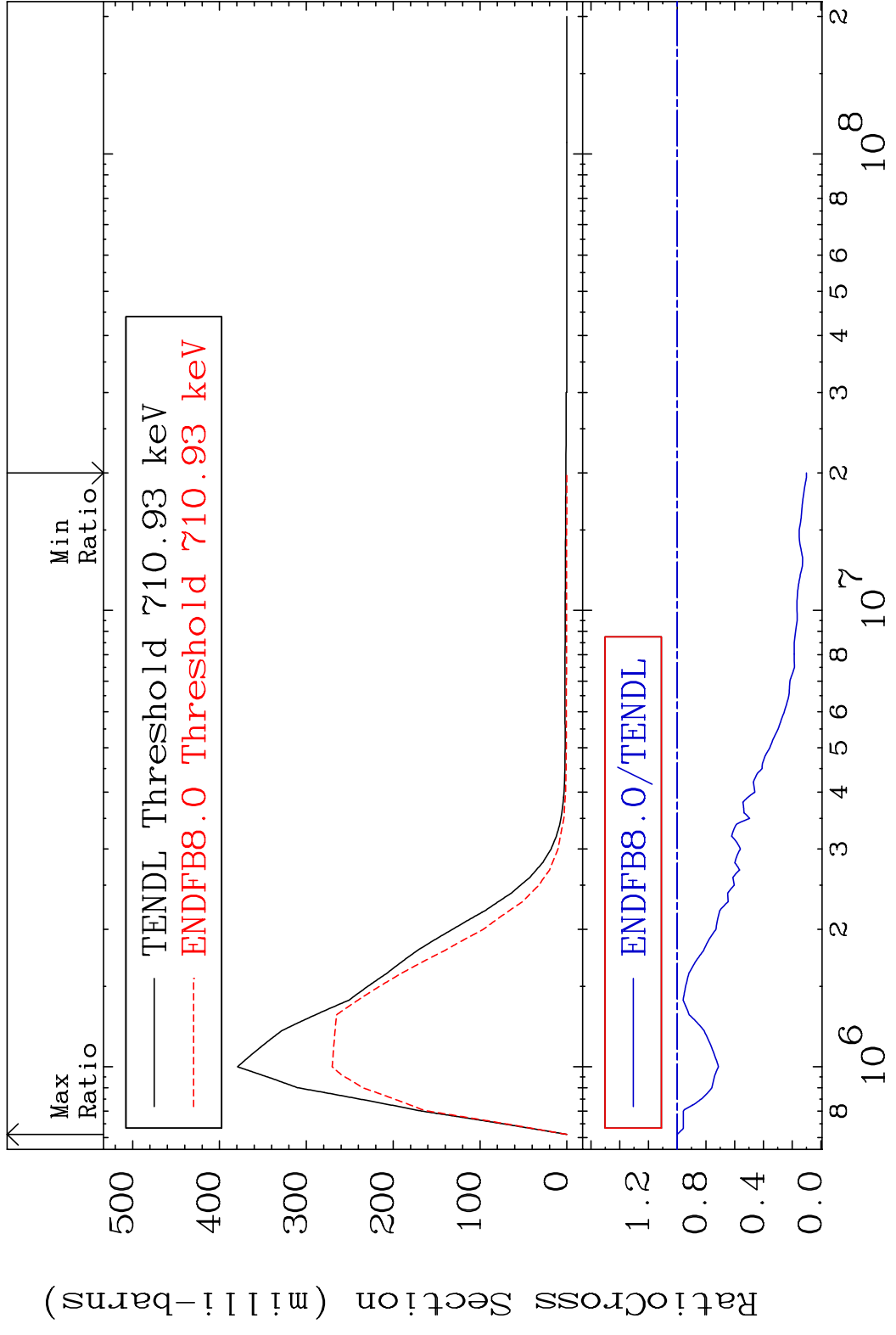
MAT 9452 MT= 53 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 51.55 %



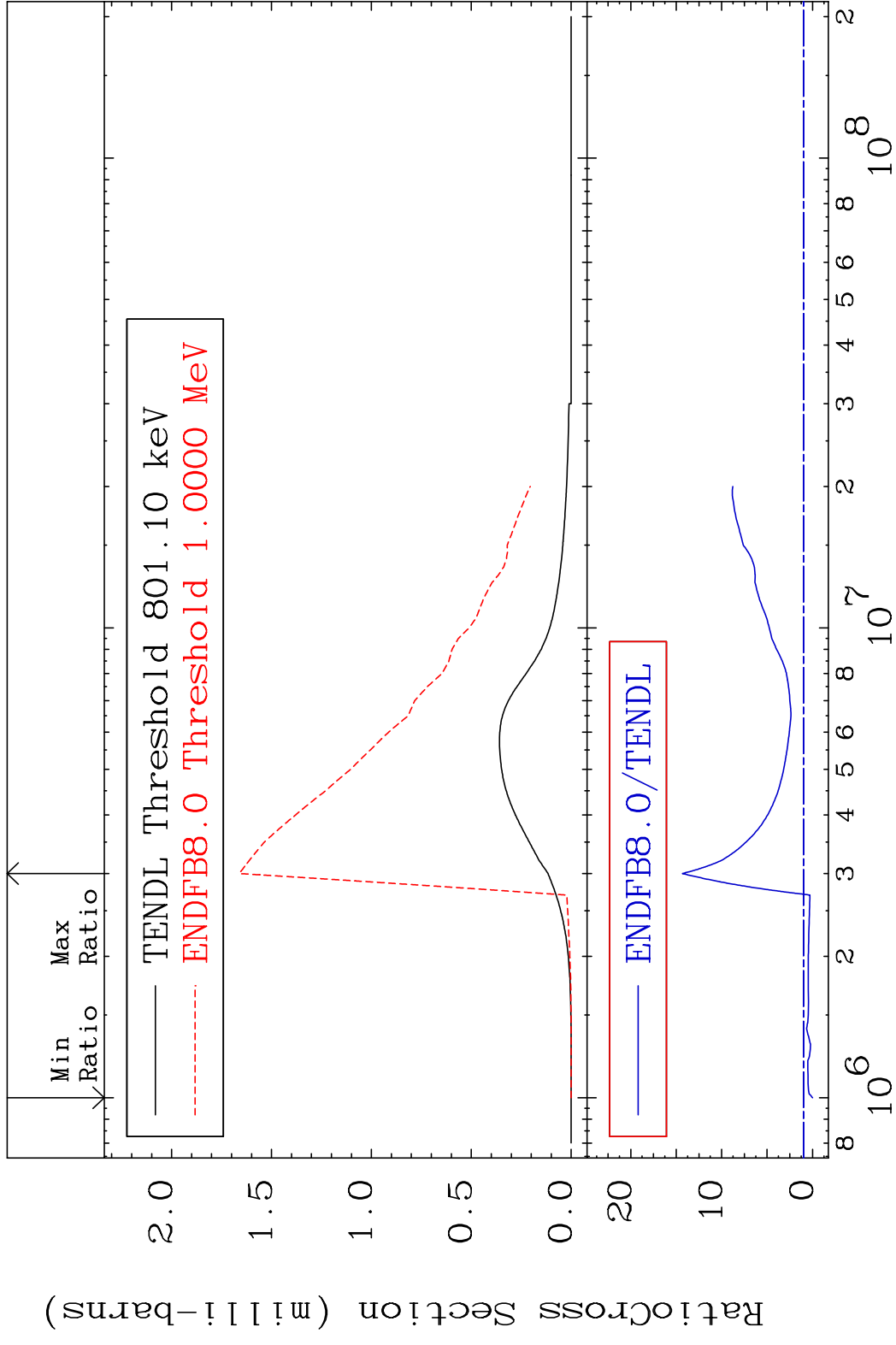
MAT 9452 MT= 54 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 319.7 %



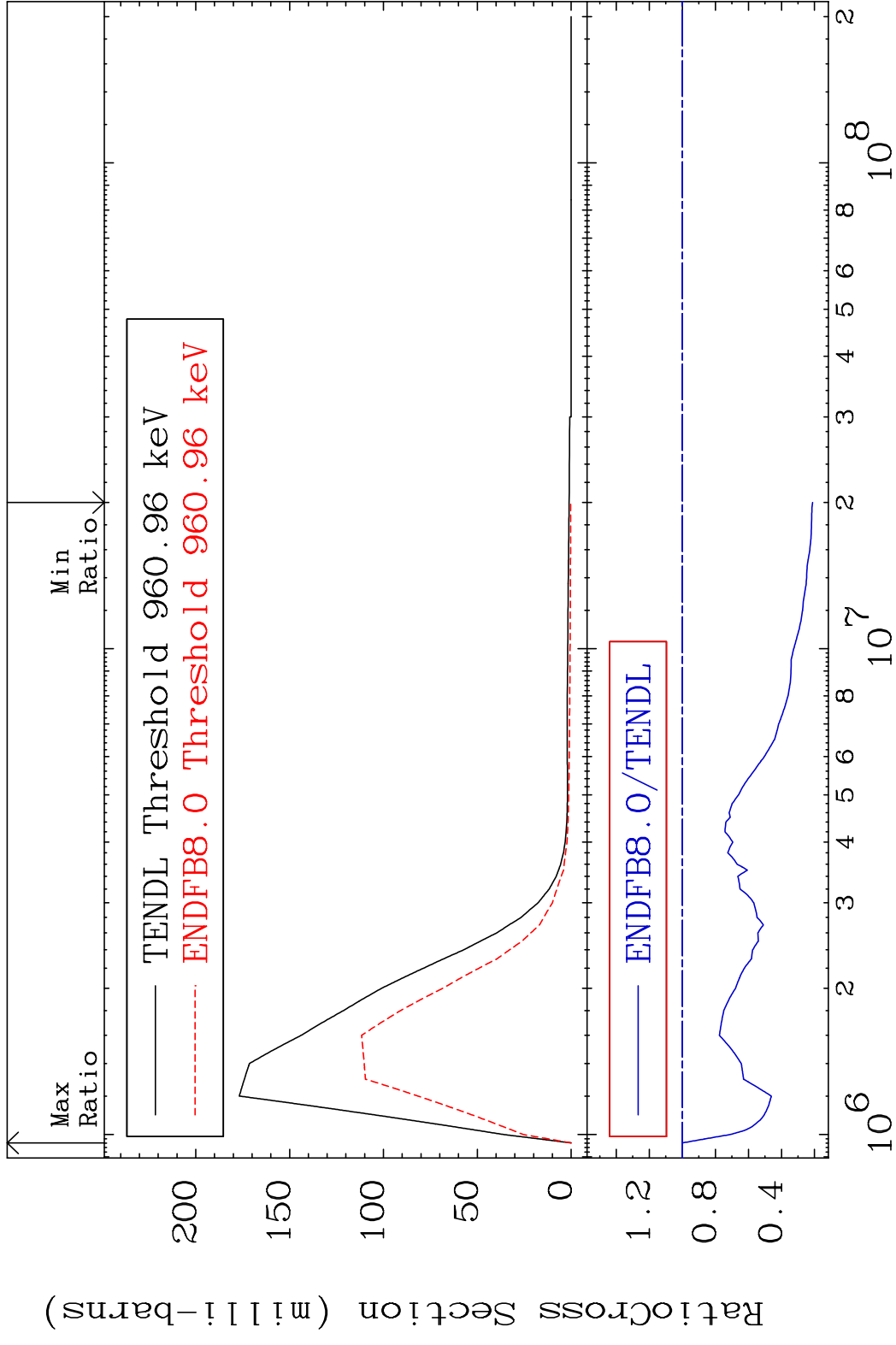
MAT 9452 MT= 55 (n, n') Level 94-Pu-244  
 Cross Section -89.89 To 0.000 %



MAT 9452 MT= 56 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 1332. %



MAT 9452 MT= 57 (n, n') Level 94-Pu-244  
 Cross Section -78.80 To 0.000 %



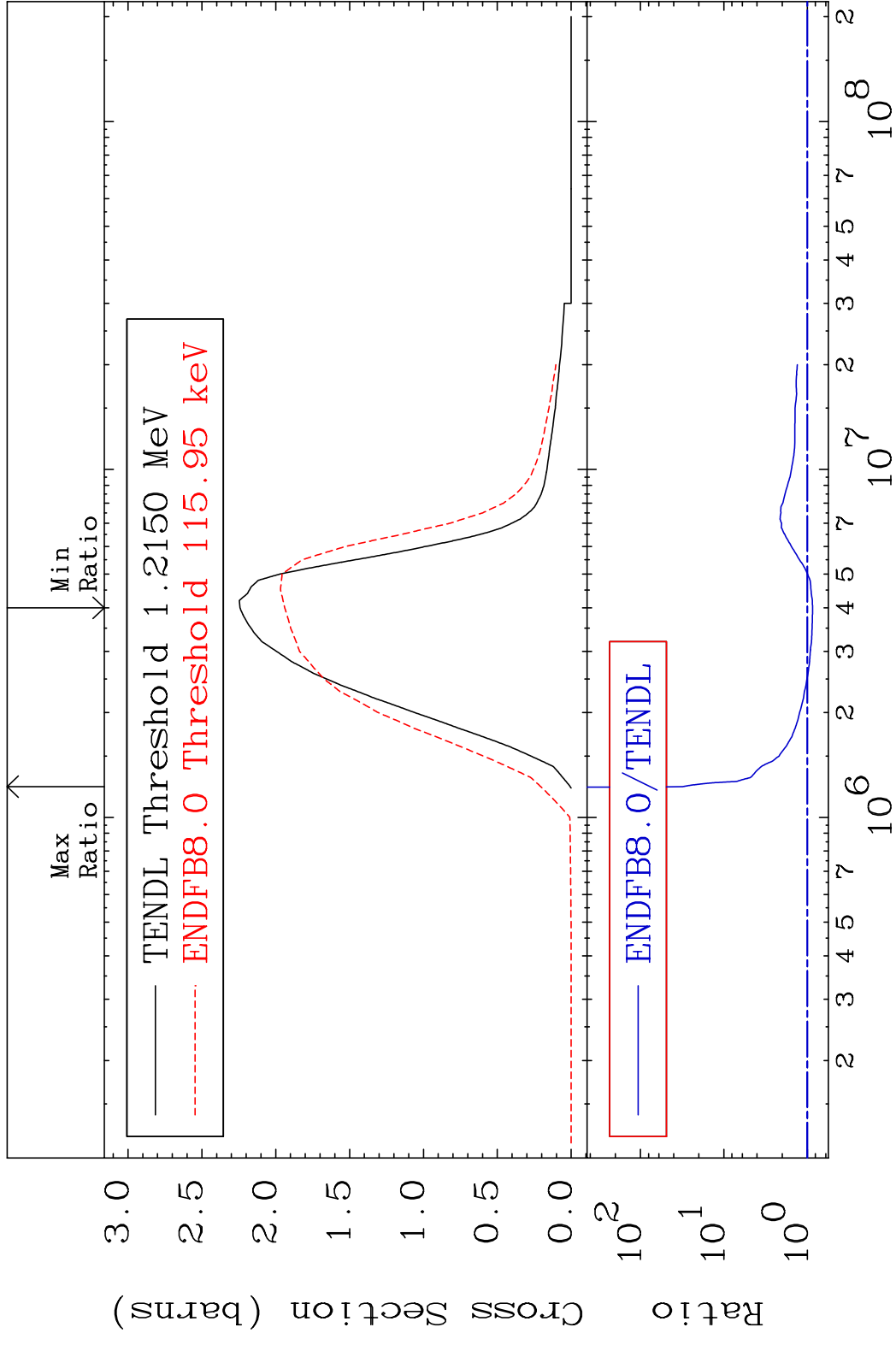
18 Incident Energy (eV) 94-Pu-244

MAT 9452

(n, n') Continuum

94-Pu-244

Cross Section -13.54 To 3045. %

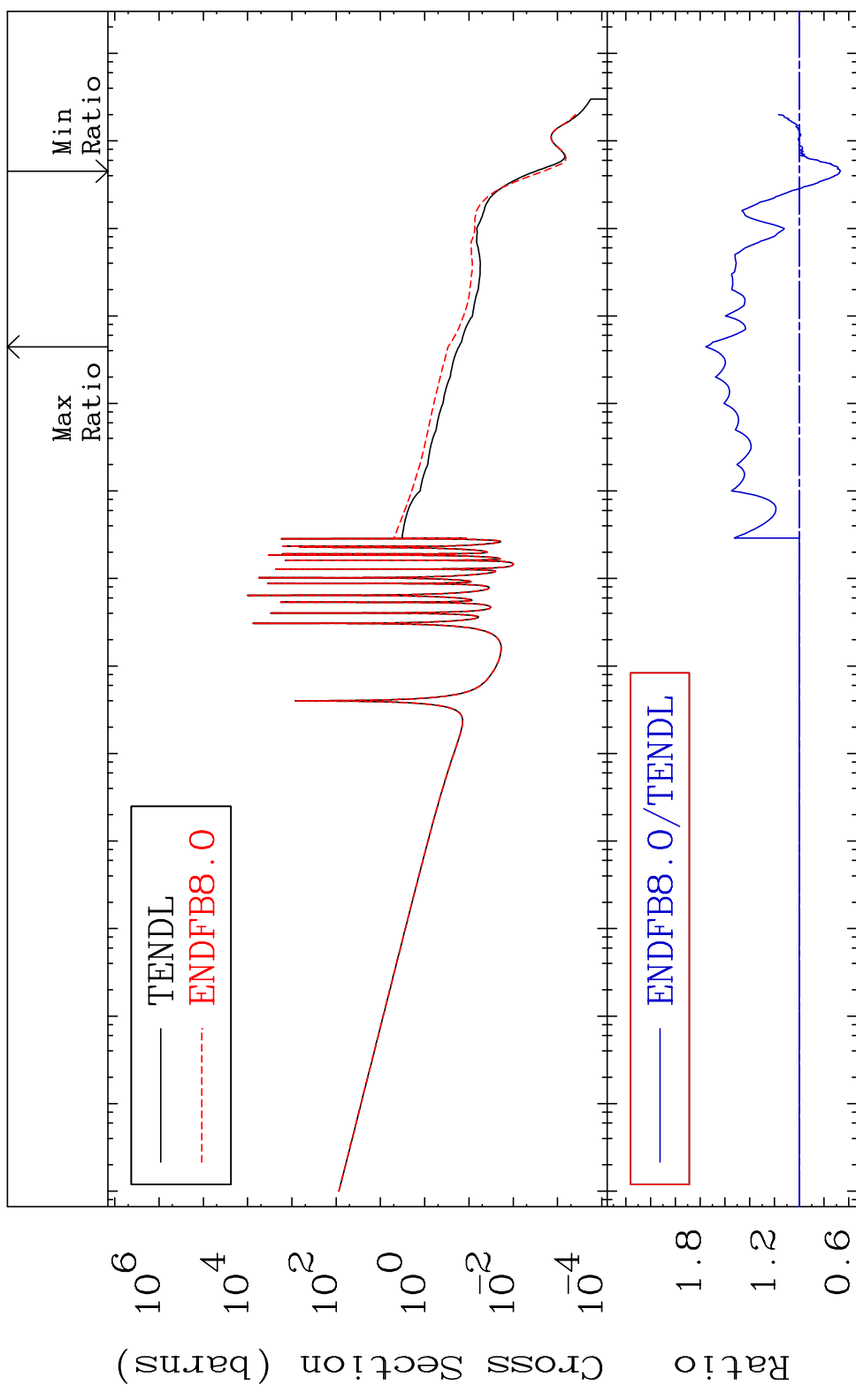


MAT 9452

(n,  $\gamma$ )

94-Pu-244

Cross Section -33.22 To 75.43 %

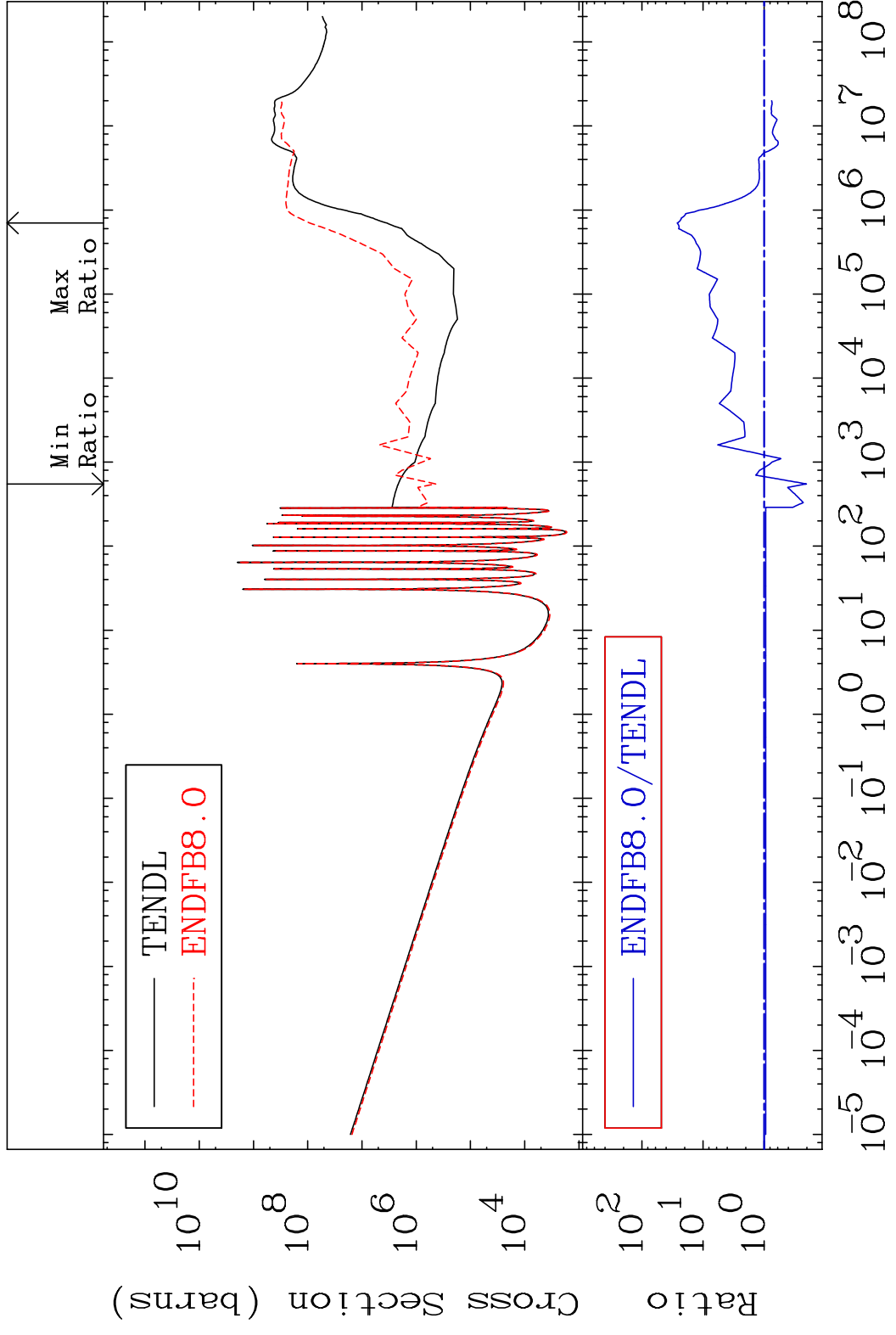


20

Incident Energy (eV)

94-Pu-244

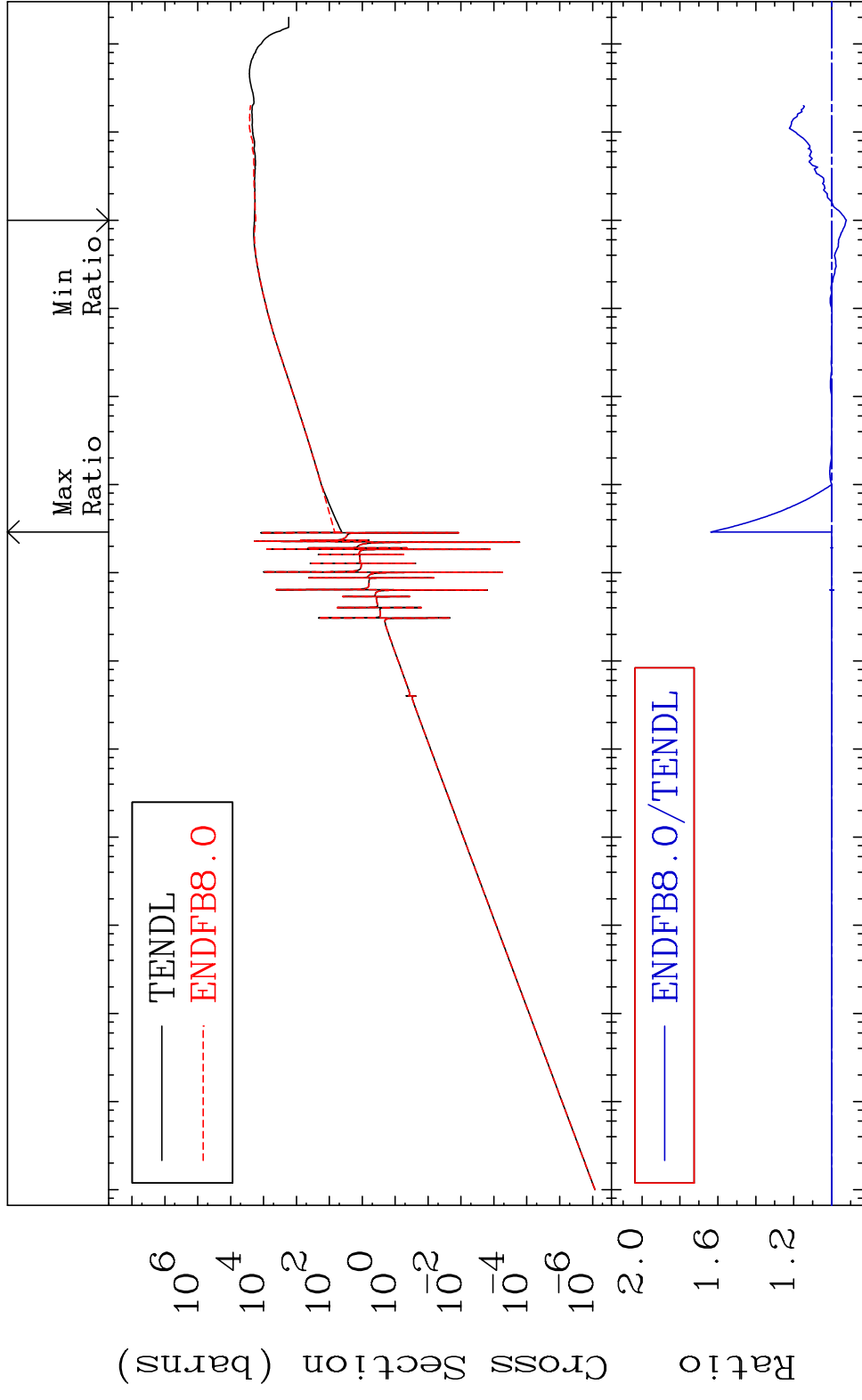
MAT 9452 Kerma total (eV-barns) 94-Pu-244  
 Cross Section -79.70 To 2543. %



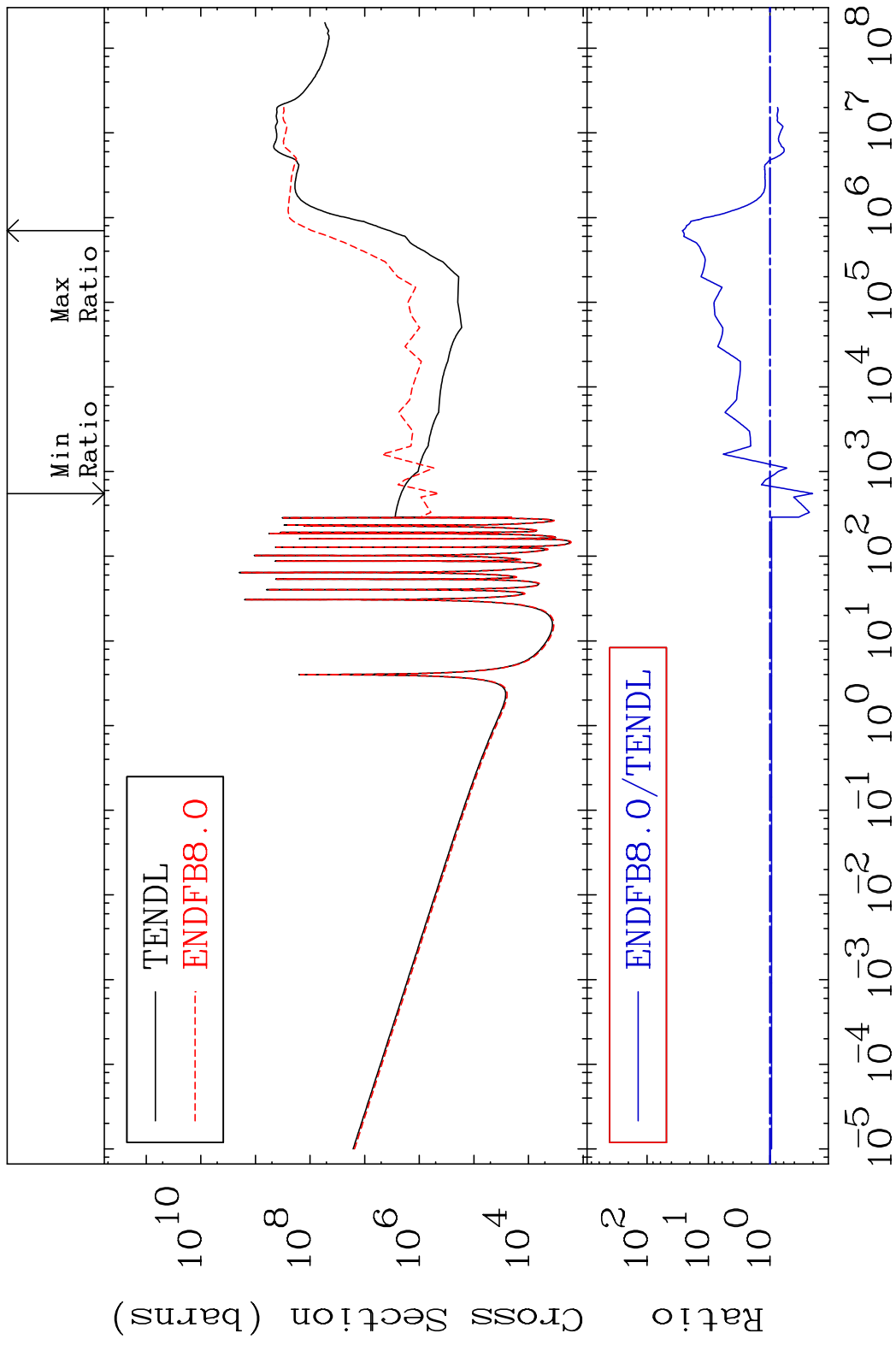
MAT 9452

Kerma elastic  
Cross Section -7.741 To 63.76 %

94-Pu-244

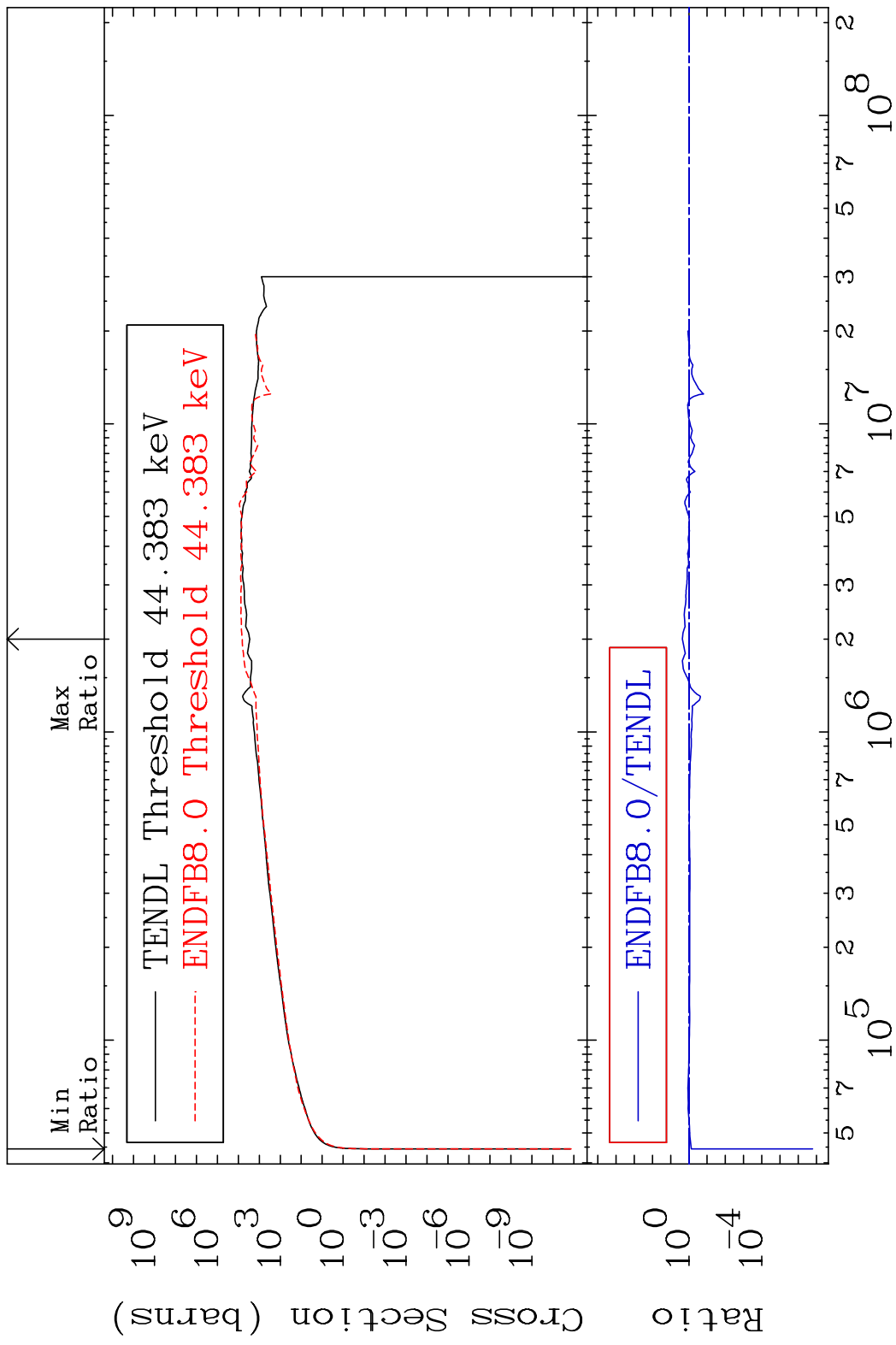


MAT 9452 Kerma non-elastic (all but mt2) 94-Pu-244  
 Cross Section -79.70 To 2558. %

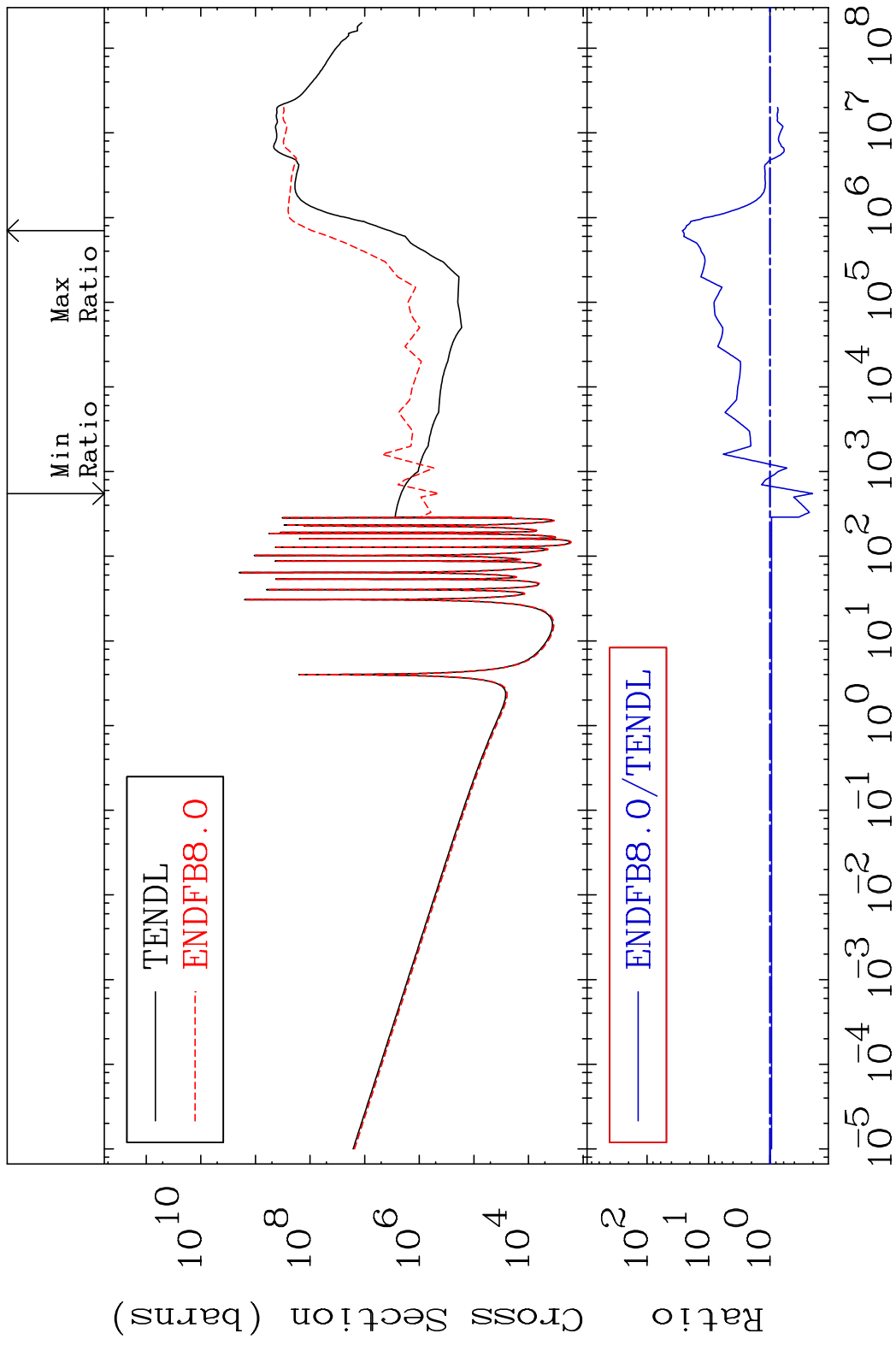


23 Incident Energy (eV) 94-Pu-244

MAT 9452 Kerma inelastic (mt51-91) 94-Pu-244  
 Cross Section -100.0 To 129.3 %

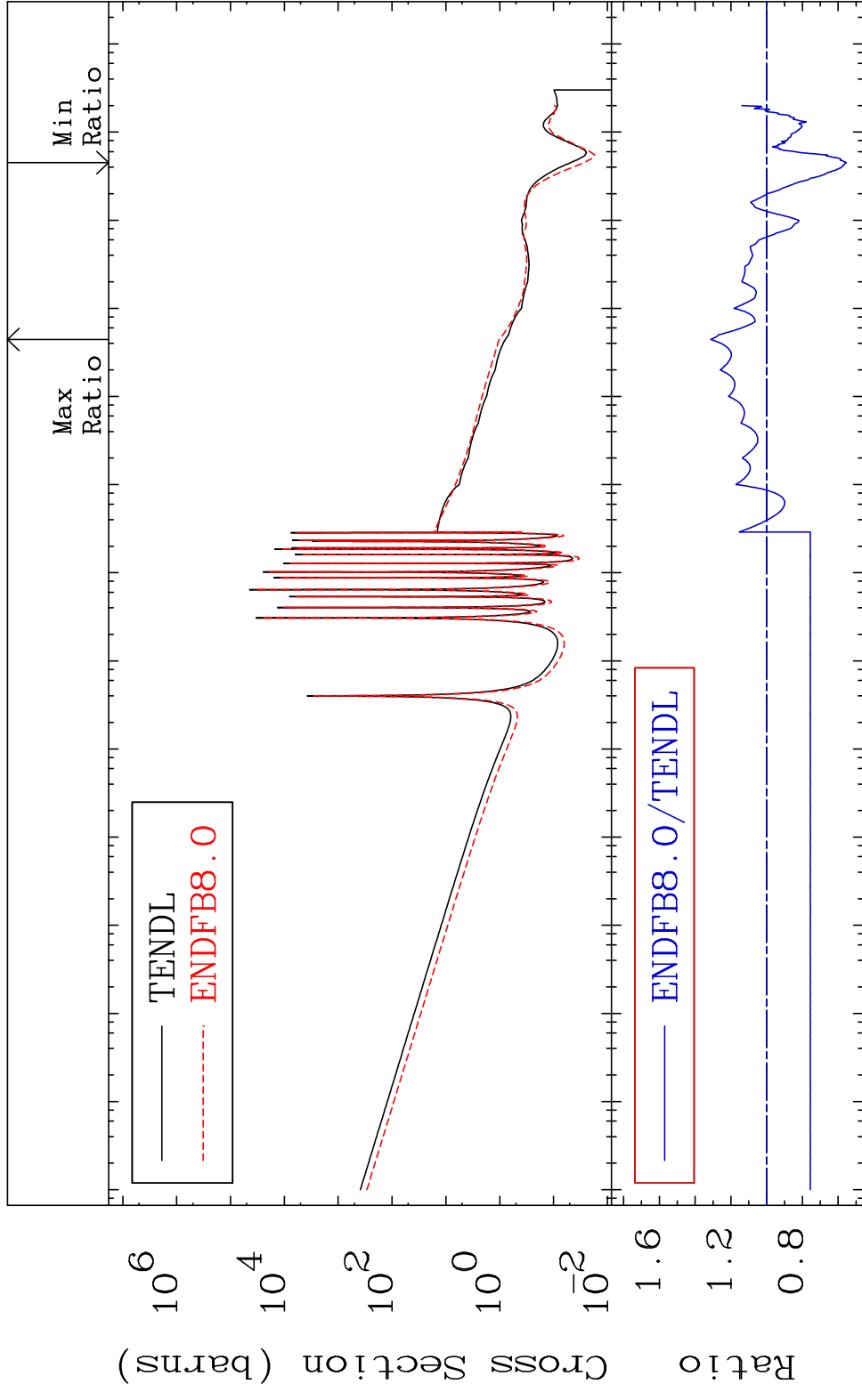


MAT 9452 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-244  
 Cross Section -79.70 To 2565. %

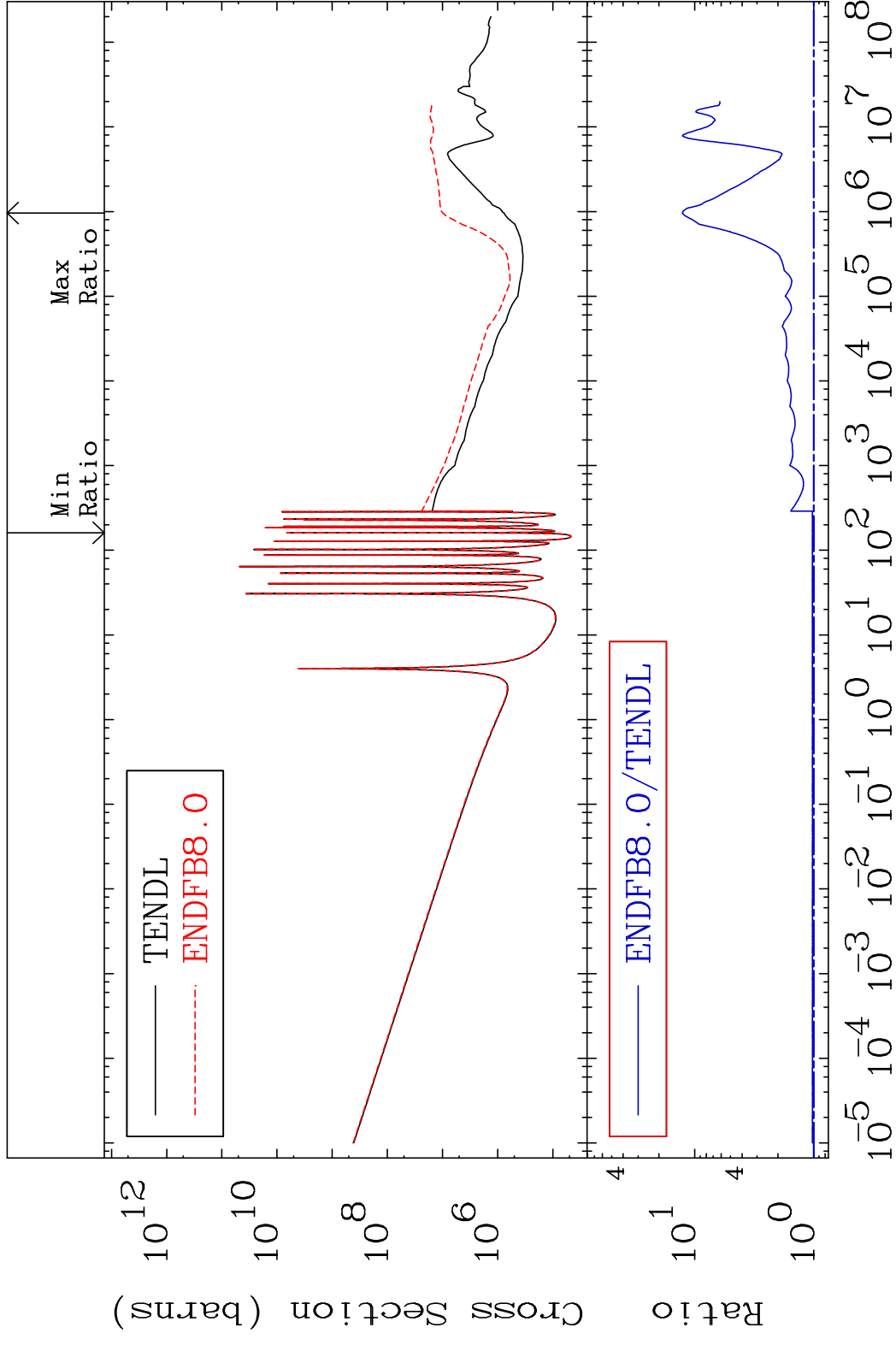


MAT 9452

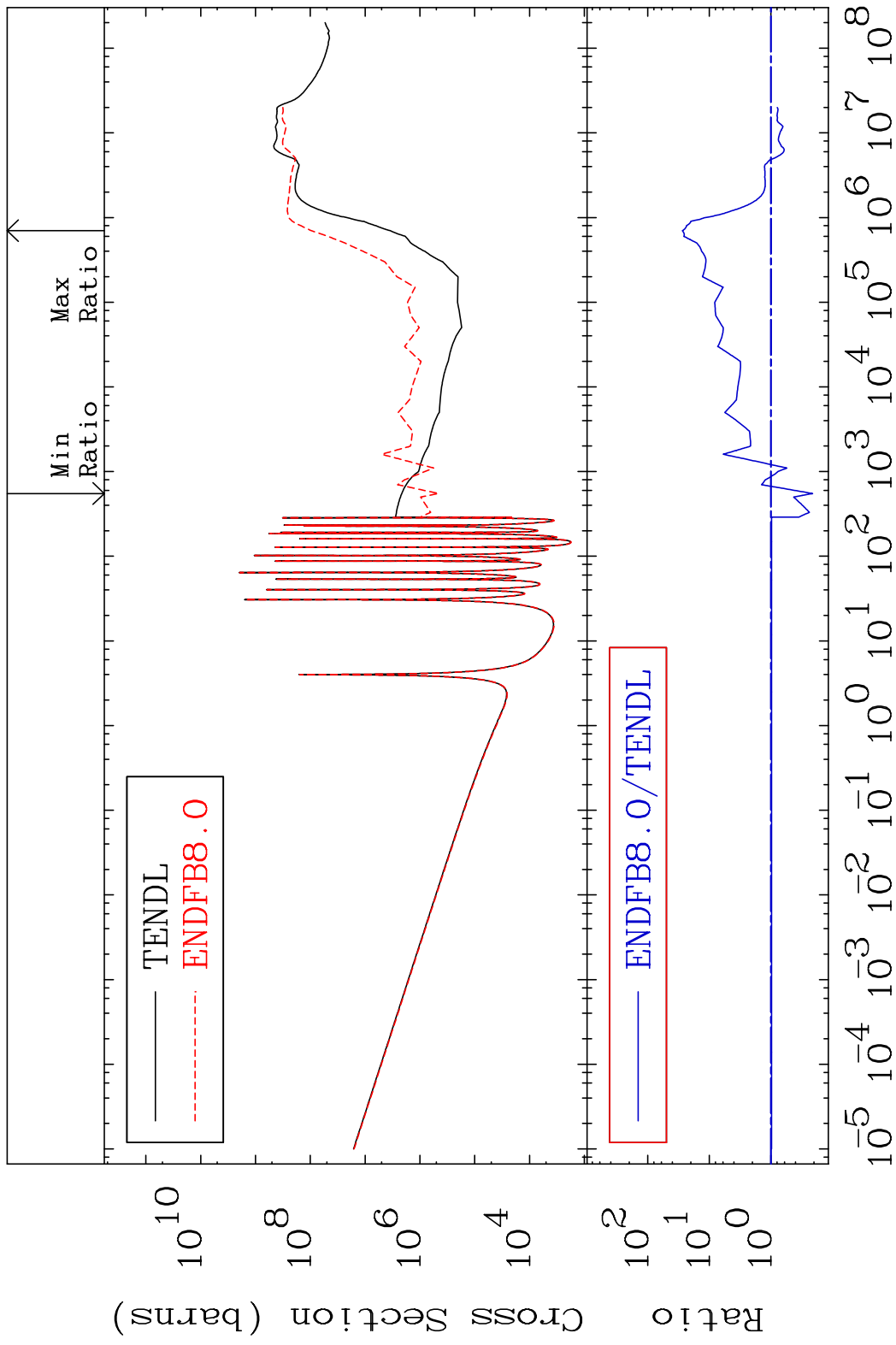
Kerma capture (mt102) 94-Pu-244  
Cross Section -44.56 To 31.29 %



MAT 9452 Total photon (eV-barns) 94-Pu-244  
 Cross Section 2.110 To 1172. %



MAT 9452 Total kinematic kerma (high limit) 94-Pu-244  
 Cross Section -78.89 To 2649. %

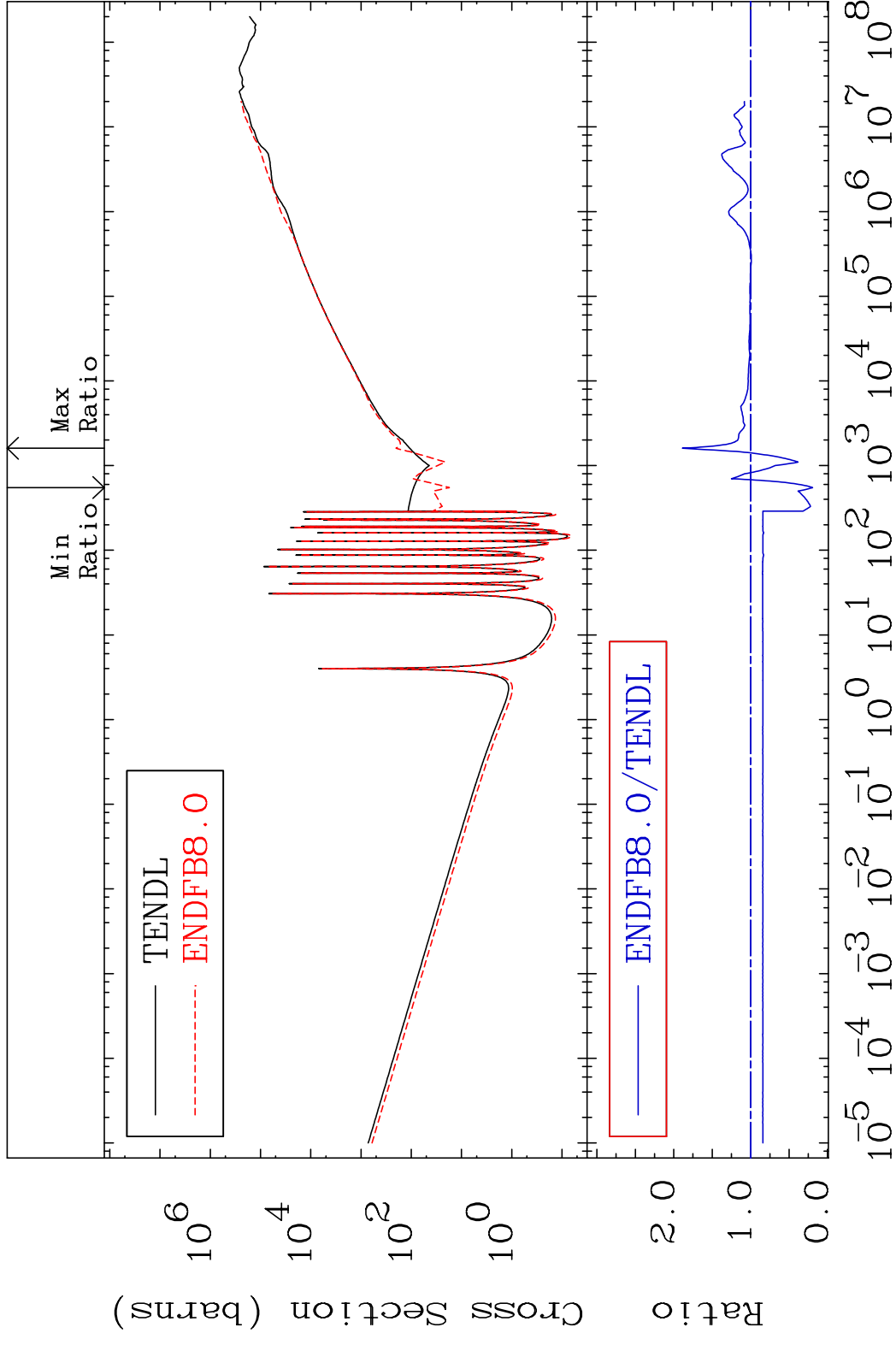


MAT 9452

Dpa total (eV-barns)

94-Pu-244

Cross Section -80.54 To 88.80 %



29

Incident Energy (eV)

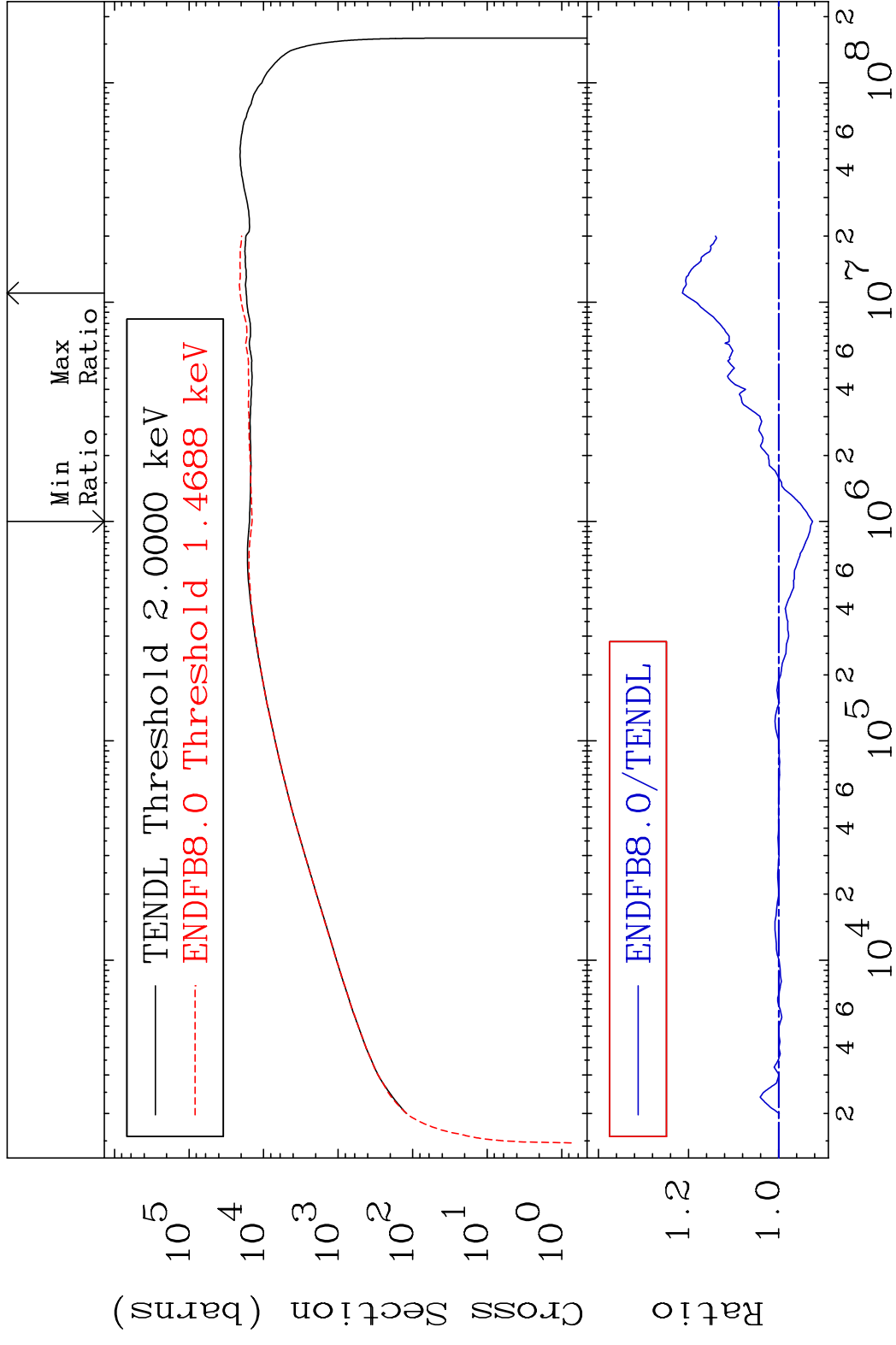
94-Pu-244

MAT 9452

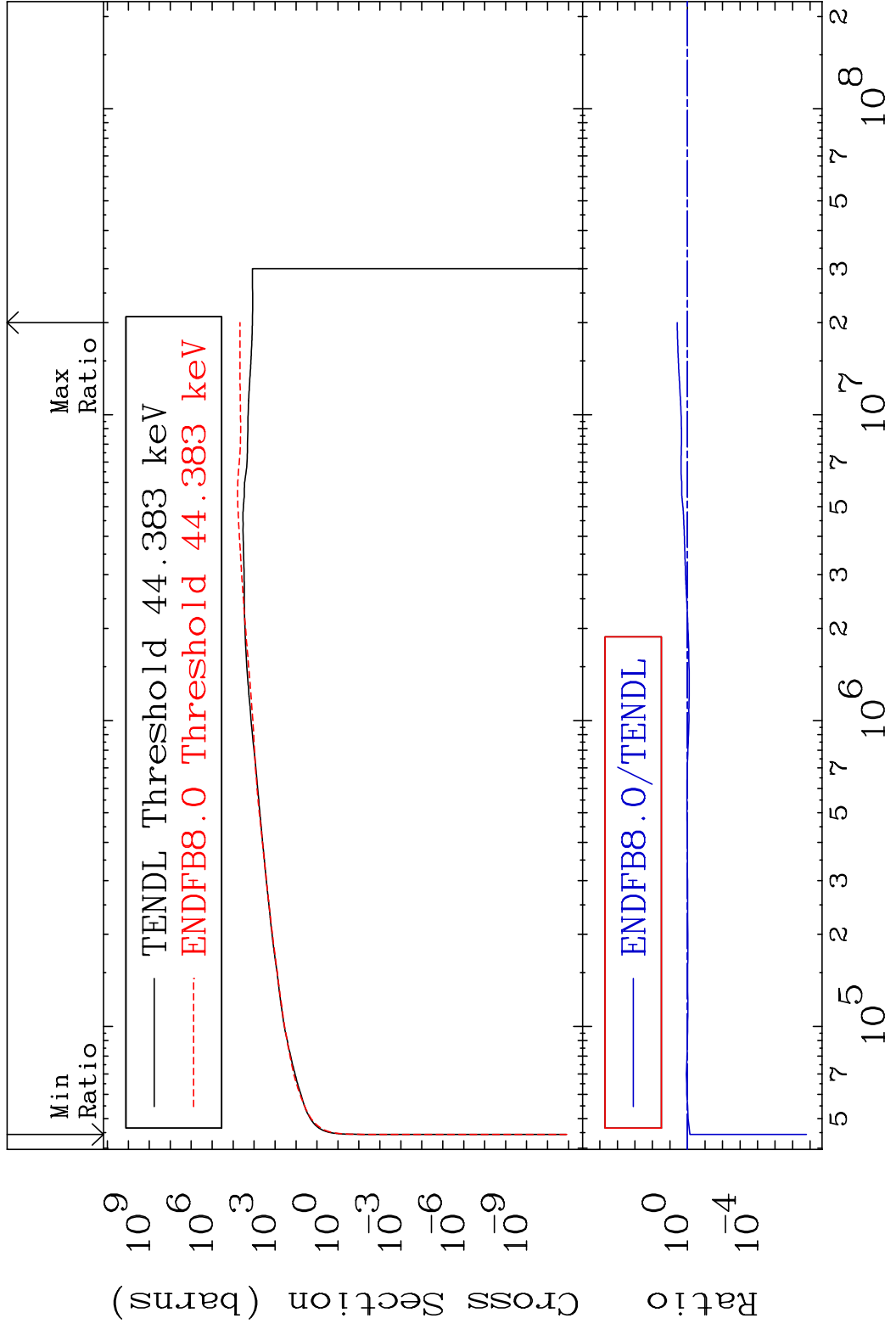
Dpa elastic (mt2)

94-Pu-244

Cross Section -7.517 To 21.40 %



MAT 9452 Dpa inelastic (mt51-91) 94-Pu-244  
 Cross Section -100.0 To 286.8 %



MAT 9452 Dpa disappearance (mt102 -120) 94-Pu-244  
 Cross Section -99.99 To 8.345 %

