

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

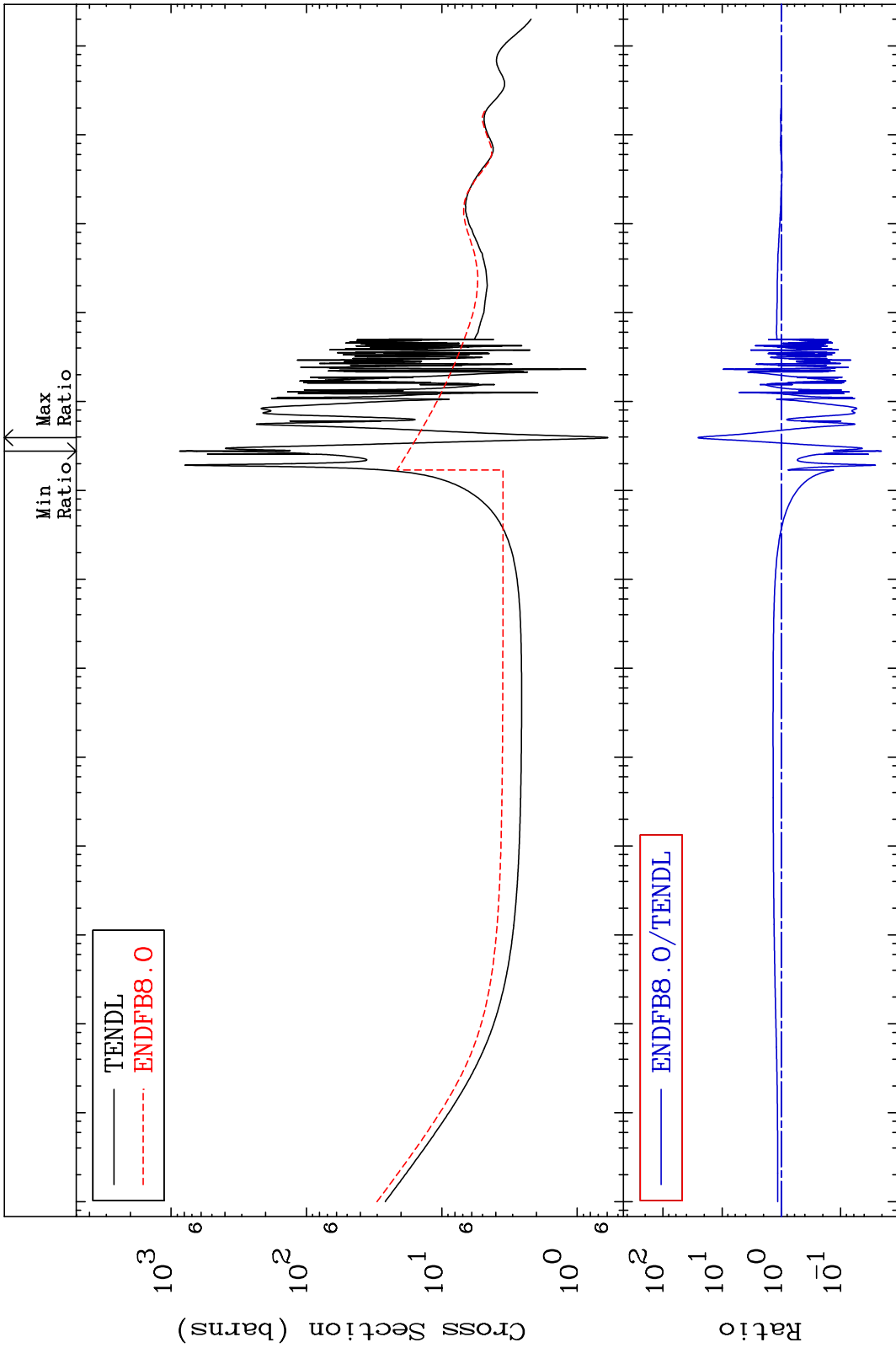
MAT 5537

Total

55-Cs-137

Cross Section

-97.96 To 2476. %



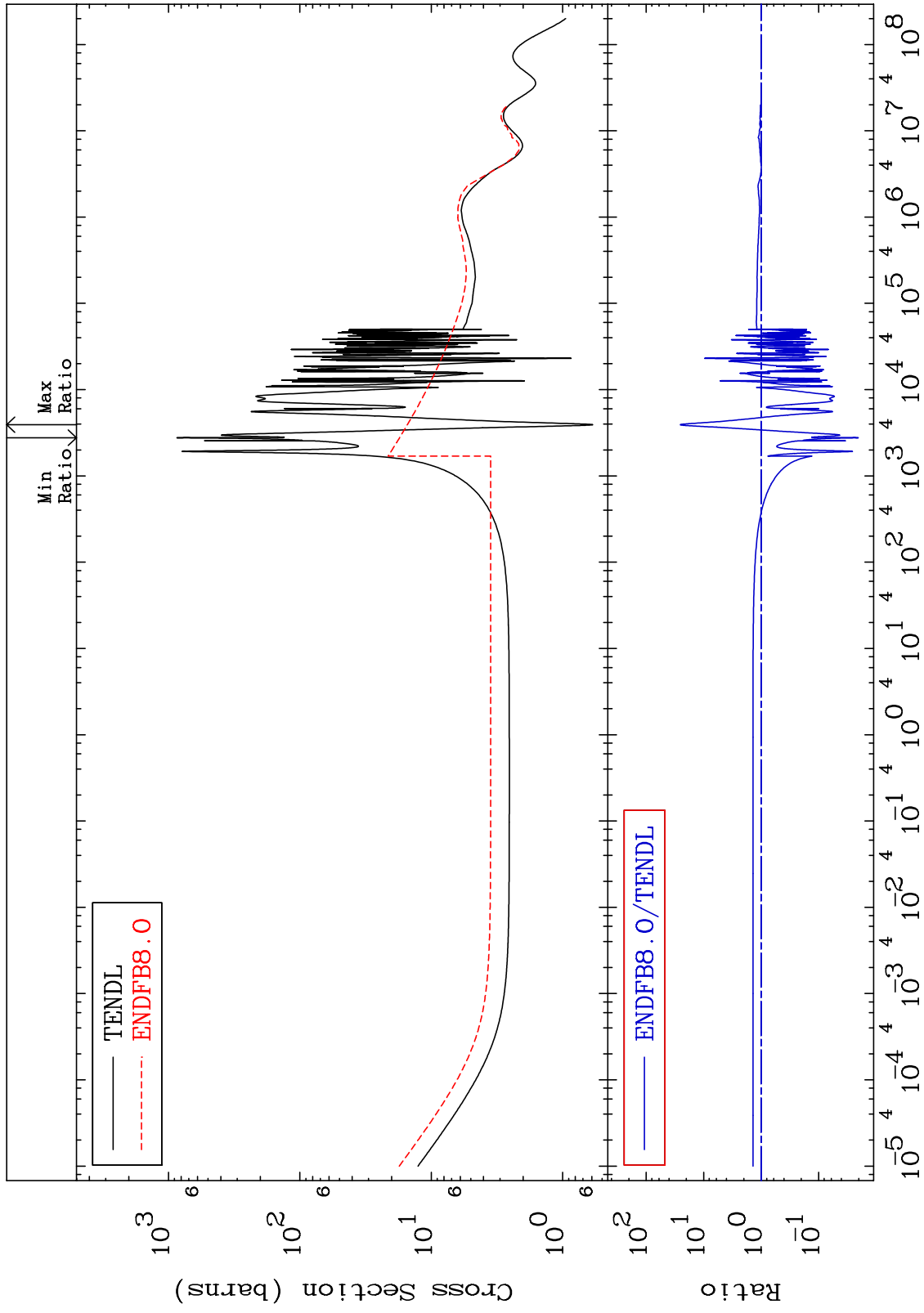
Incident Energy (eV)

55-Cs-137

MAT 5537

Elastic  
Cross Section

55-Cs-137  
-97.97 To 2475. %



Incident Energy (eV)

55-Cs-137

2

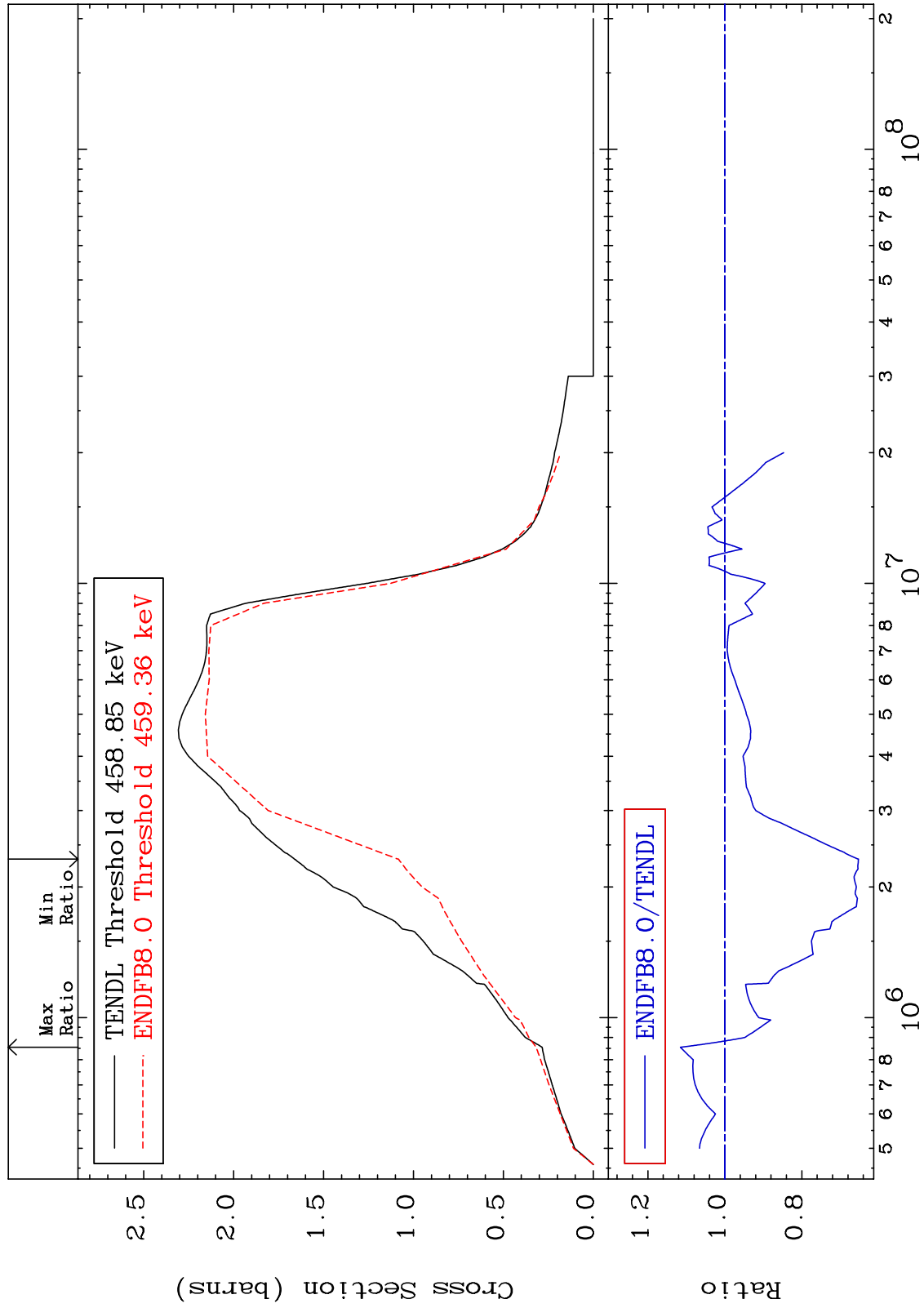
MAT 5537

Inelastic

55-Cs-137

Cross Section

-34.74 To 11.54 %



3

Incident Energy (eV)

55-Cs-137

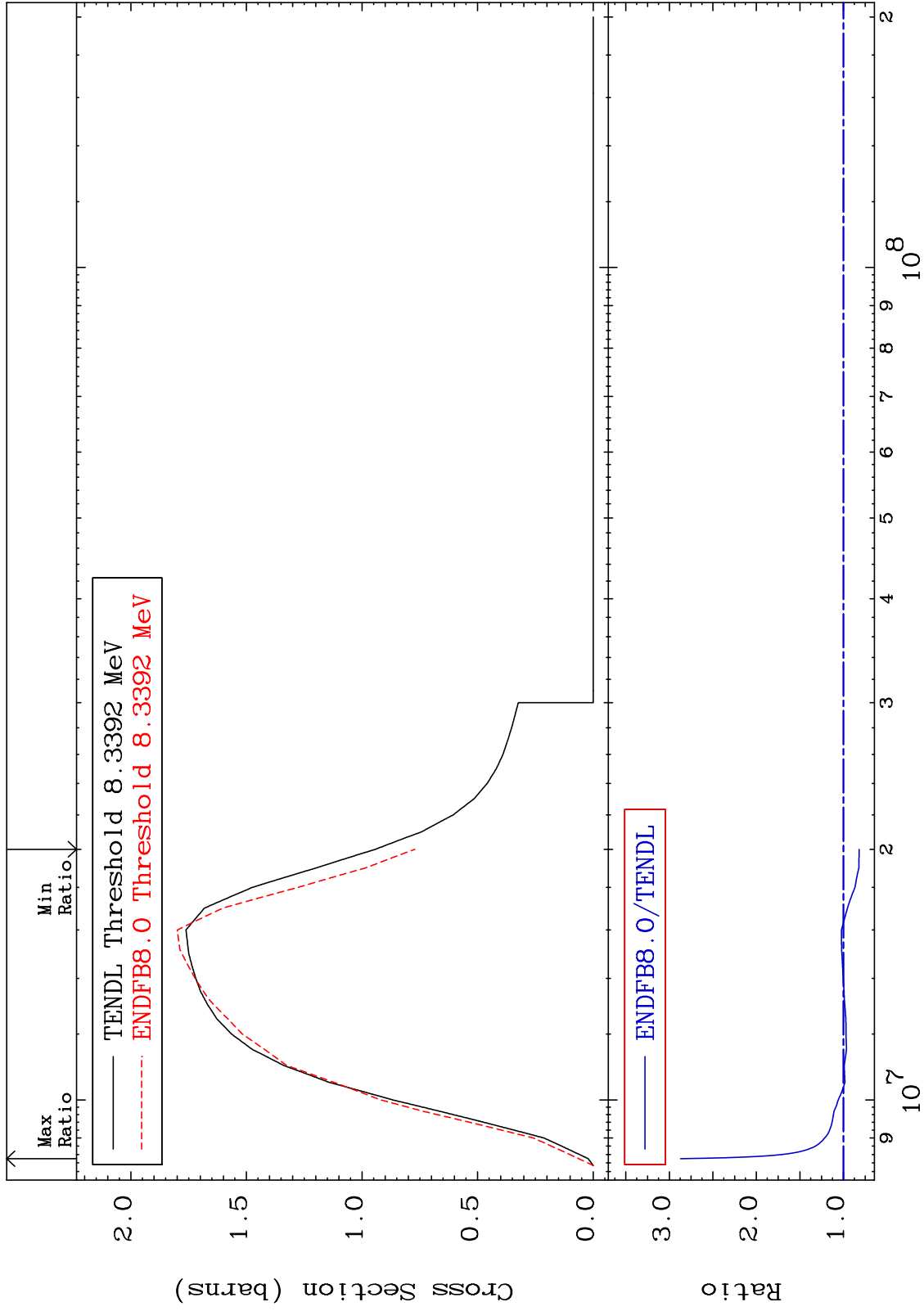
MAT 5537

(n,2n)

55-Cs-137

Cross Section

-18.15 To 187.0 %



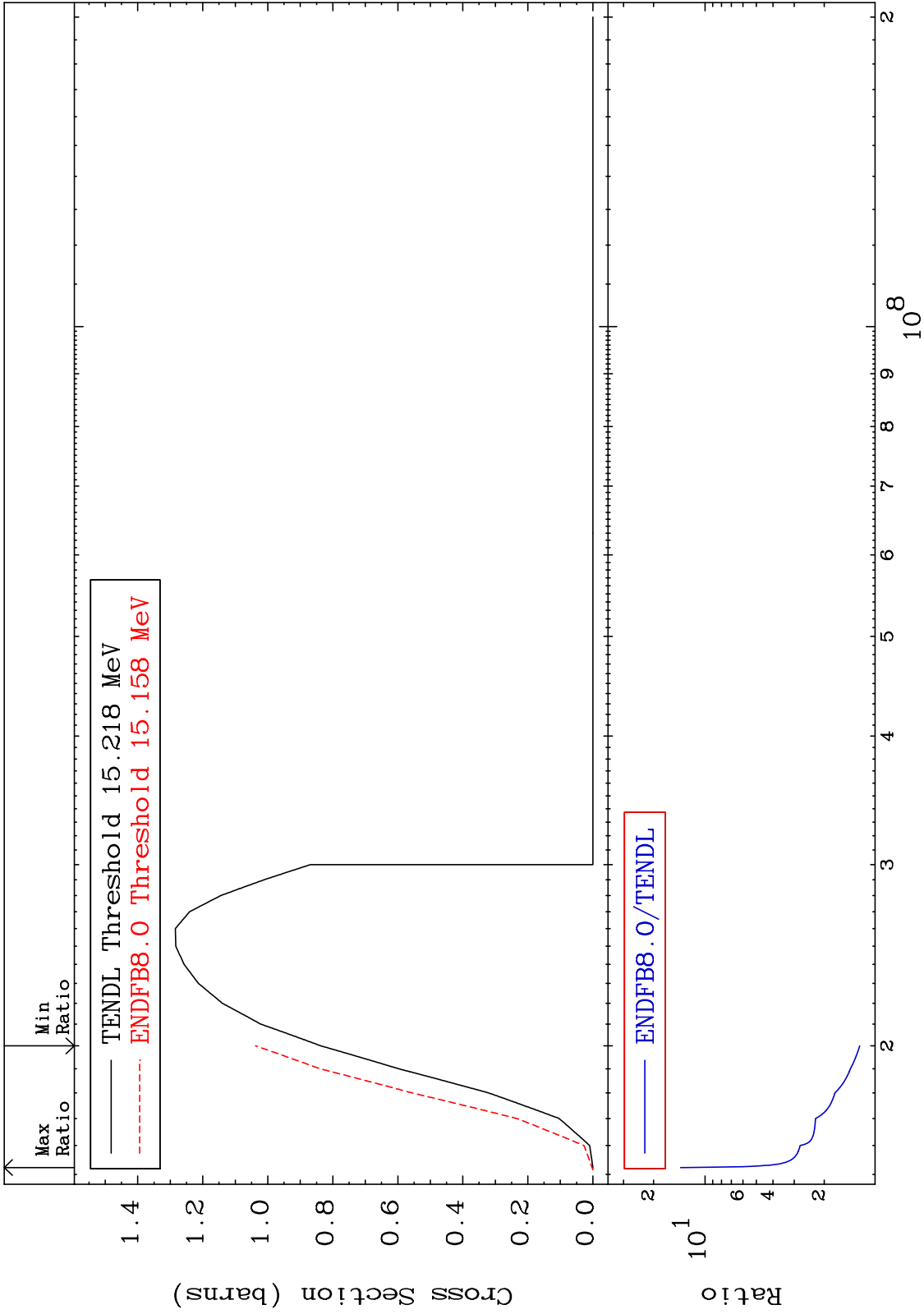
MAT 5537

(n,3n)

55-Cs-137

Cross Section

23.98 To 1289. %



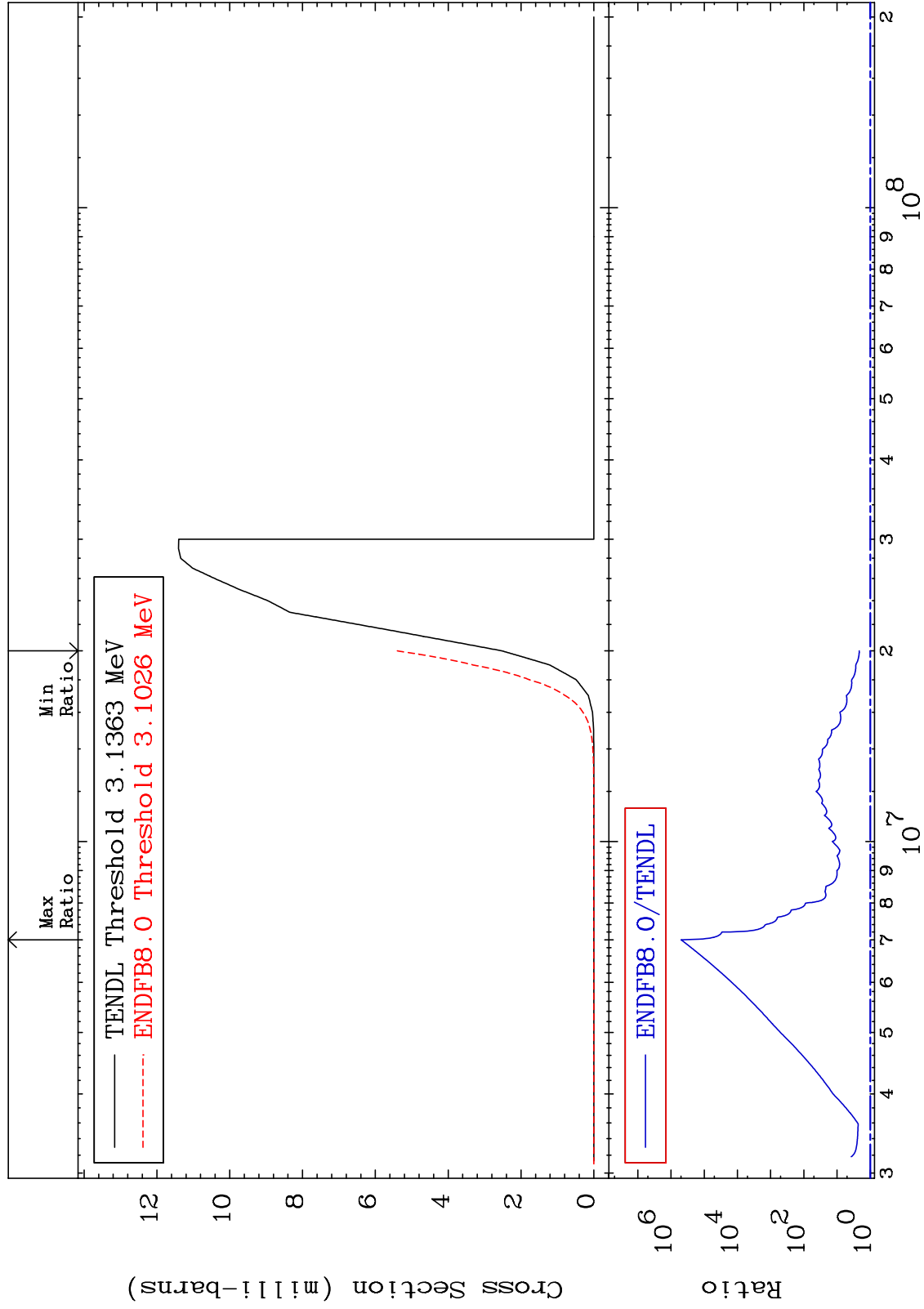
MAT 5537

(n, n')  $\alpha$

55-Cs-137

113.8 To 9999. %

Cross Section



55-Cs-137

Incident Energy (eV)

6

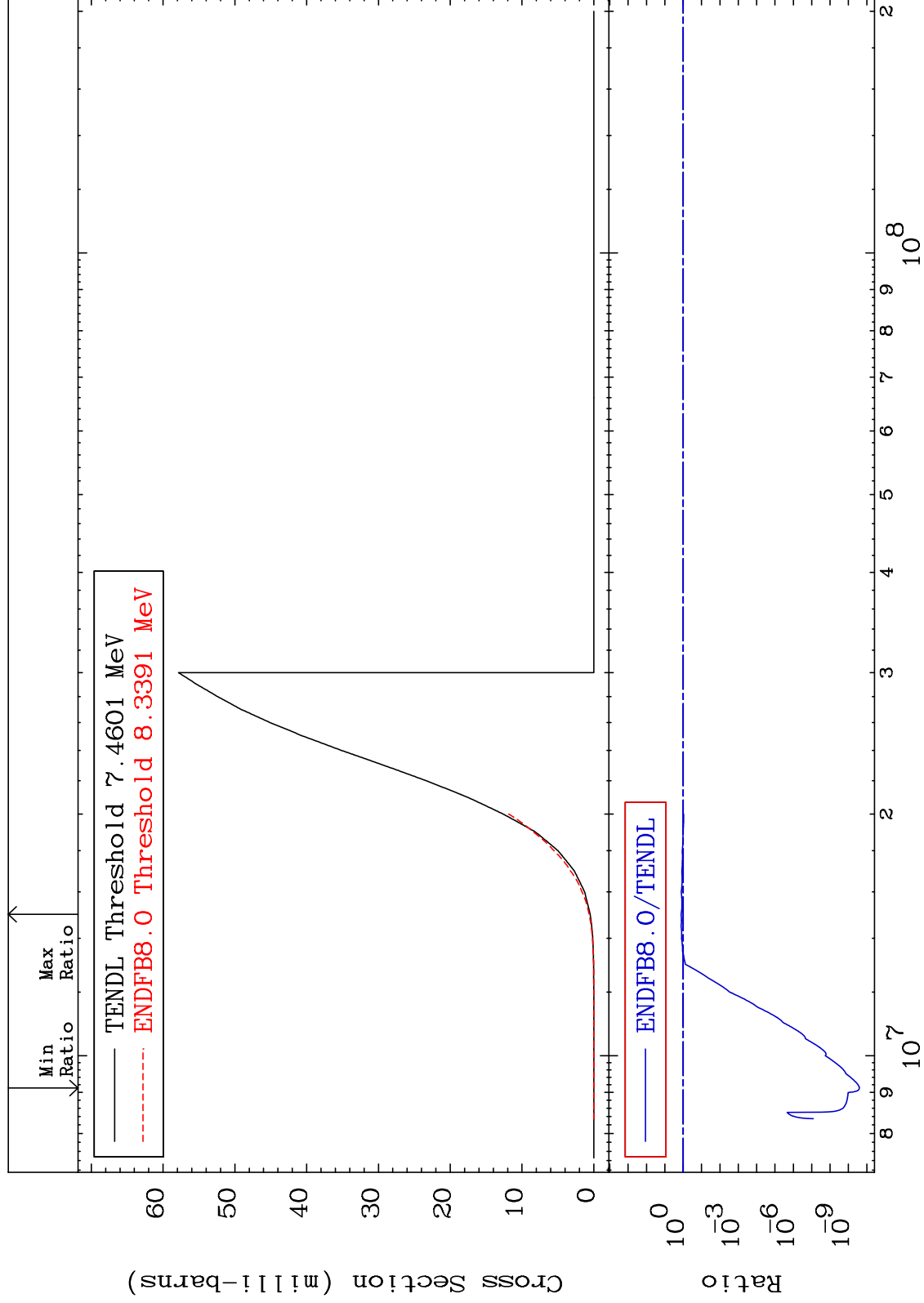
MAT 5537

(n,n') p

55-Cs-137

Cross Section

-100.0 To 30.84 %



7

Incident Energy (eV)

55-Cs-137



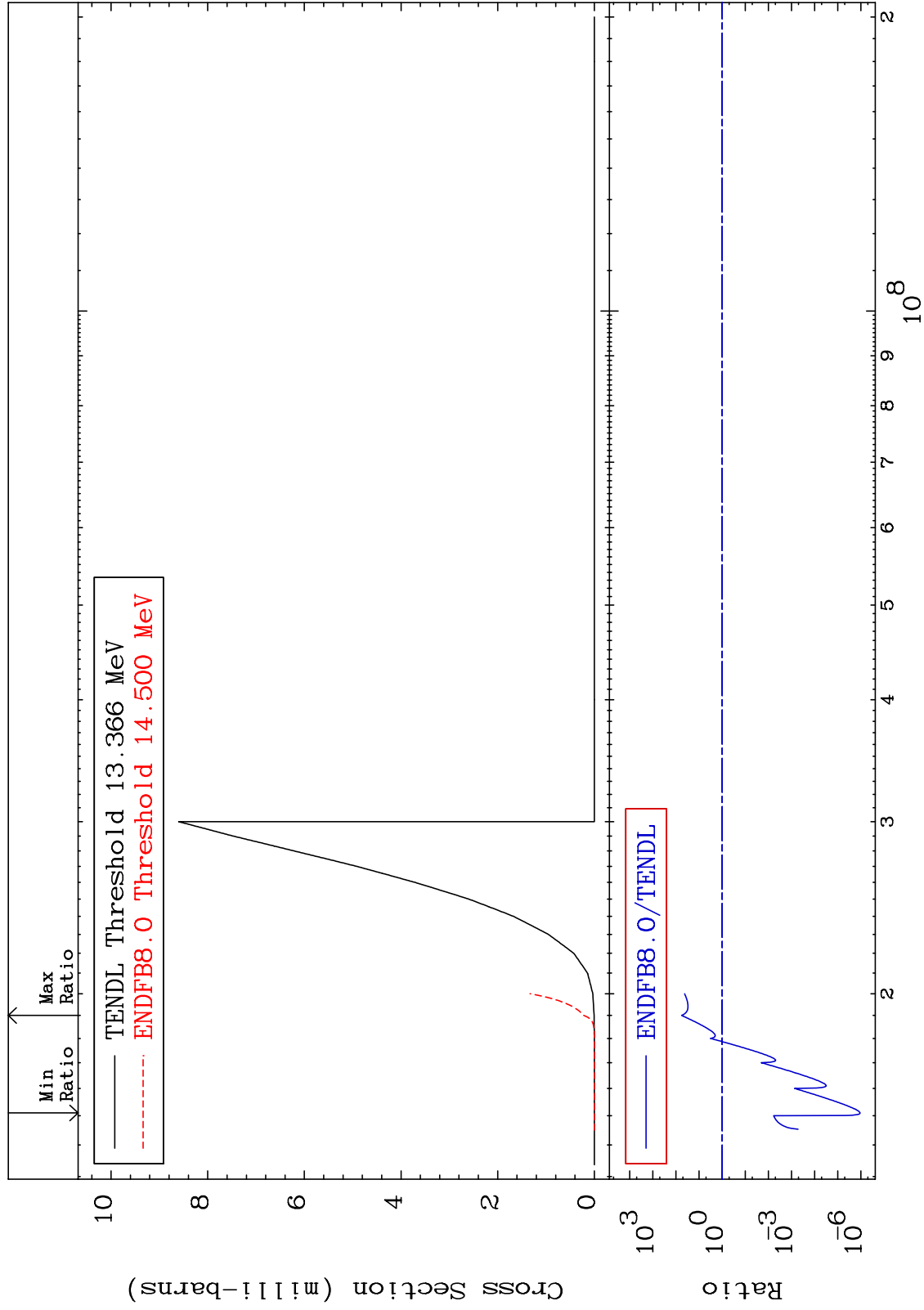
MAT 5537

(n,n') d

55-Cs-137

Cross Section

-100.0 To 5577. %



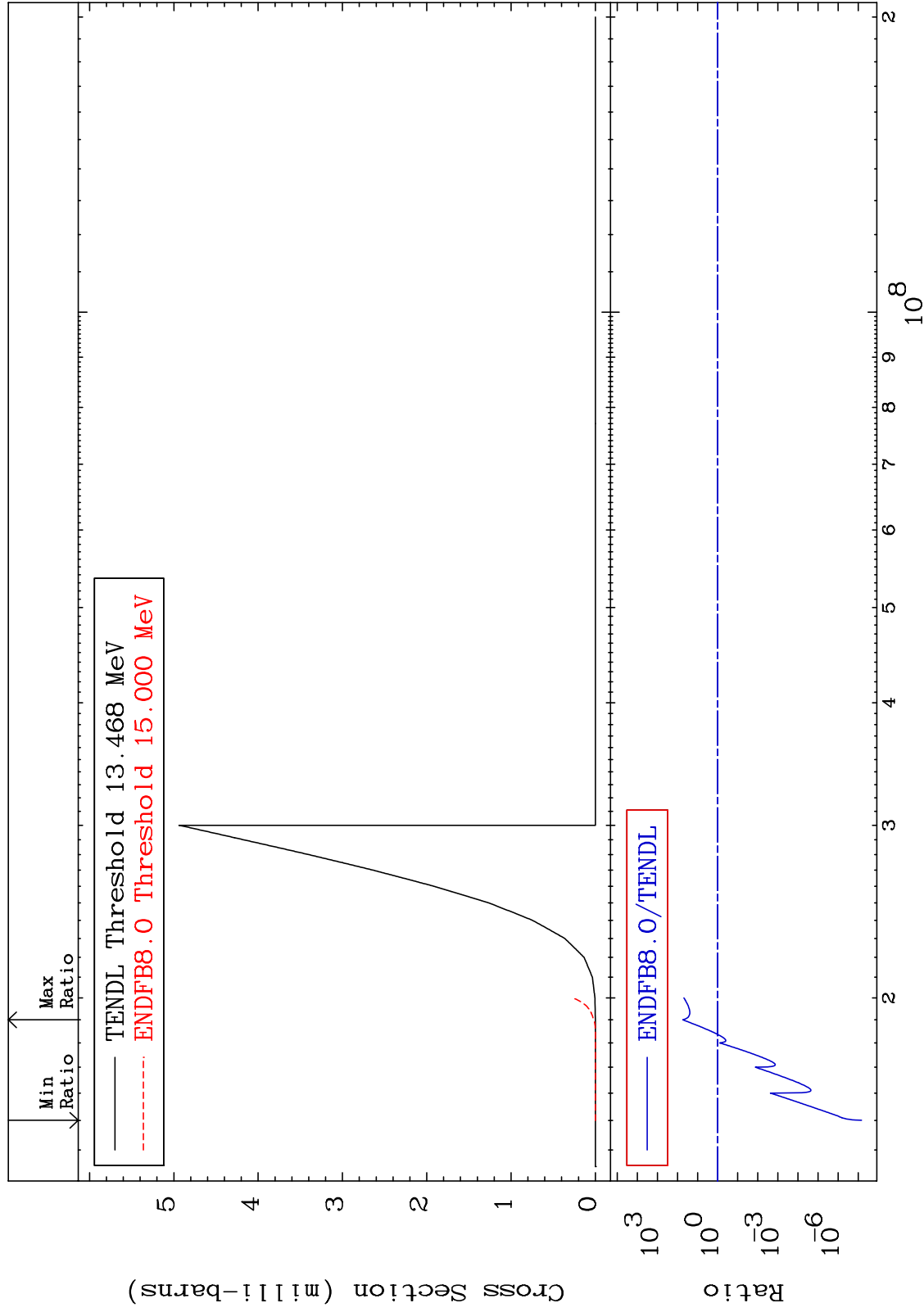
MAT 5537

(n,n') t

55-Cs-137

Cross Section

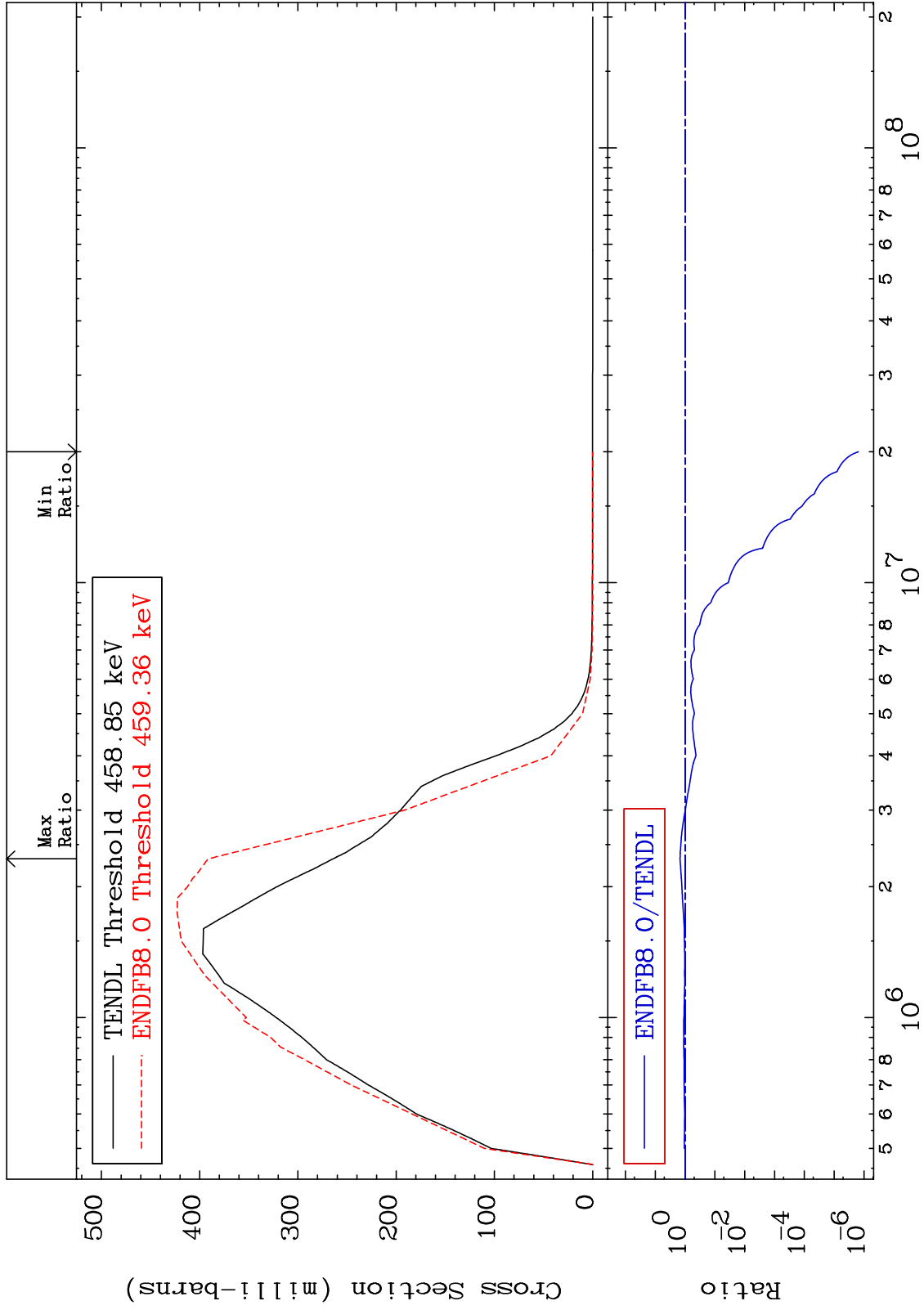
-100.0 To 5289. %



MAT 5537

MT= 51 (n,n') Level  
Cross Section

55-Cs-137  
-100.0 To 48.16 %

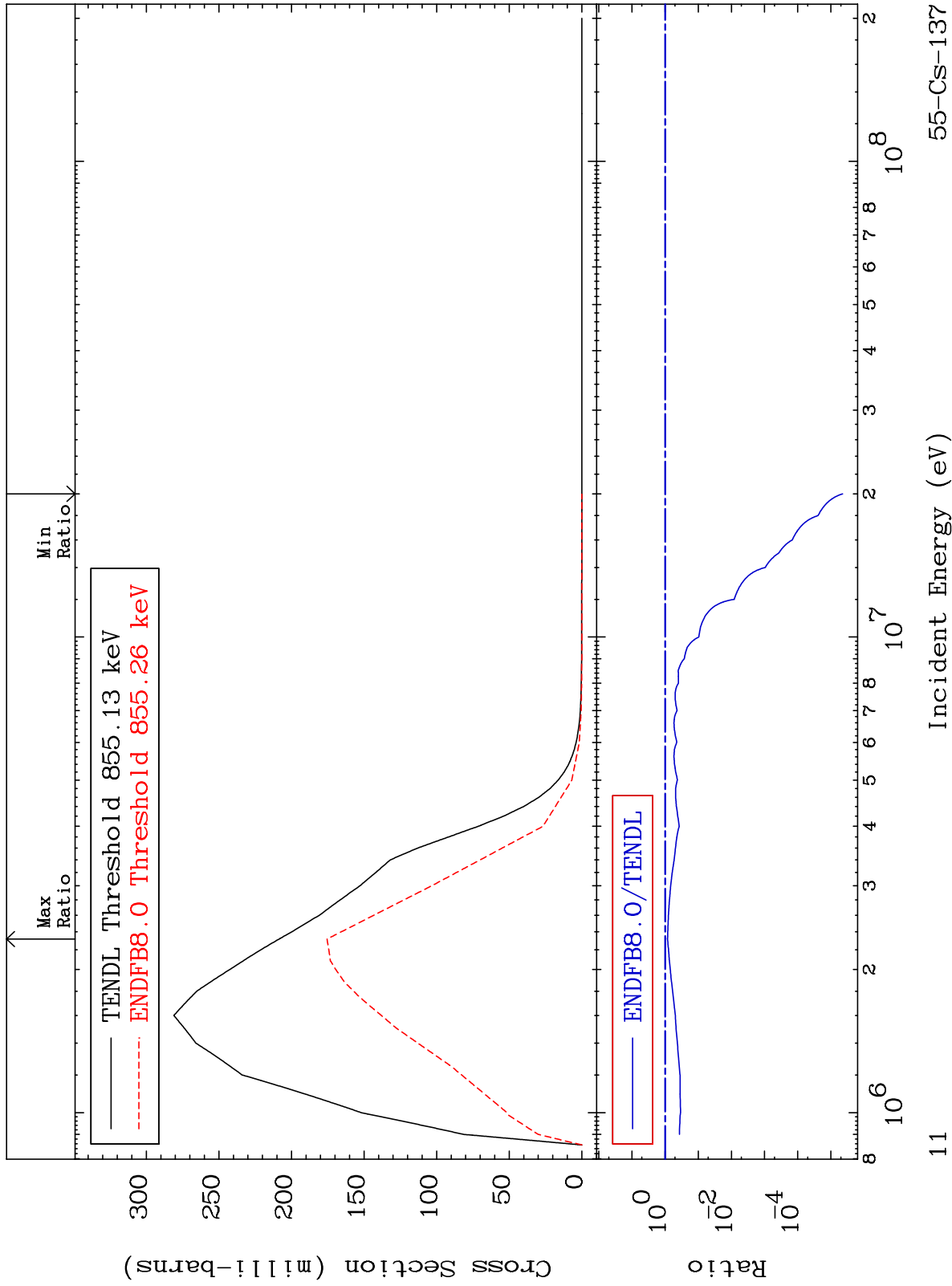


10

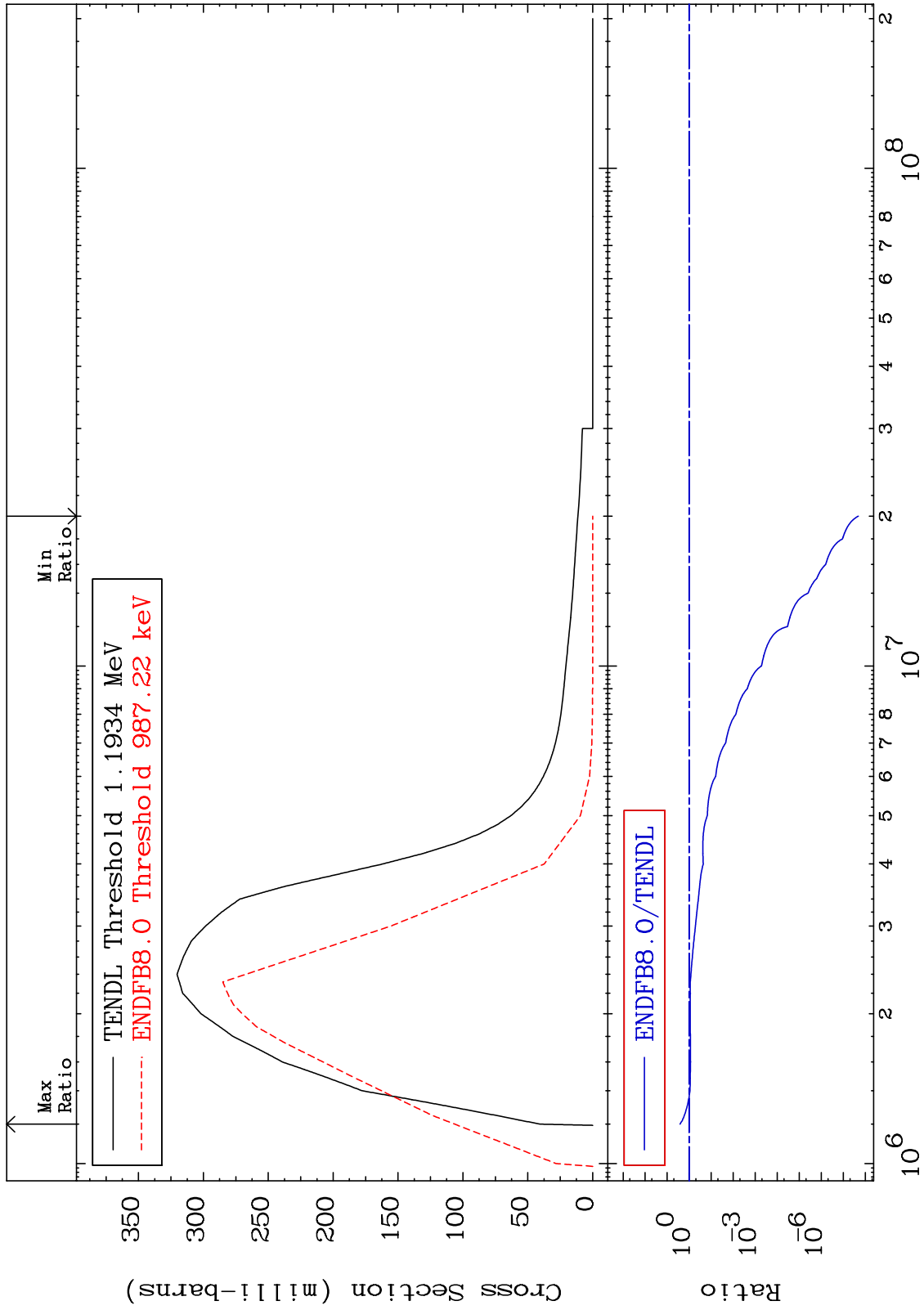
Incident Energy (eV)

55-Cs-137

MAT 5537 MT= 52 (n,n') Level Cross Section 55-Cs-137 -100.0 To -15.84%



MAT 5537 MT= 53 (n,n') Level Cross Section 55-Cs-137 -100.0 To 161.2 %

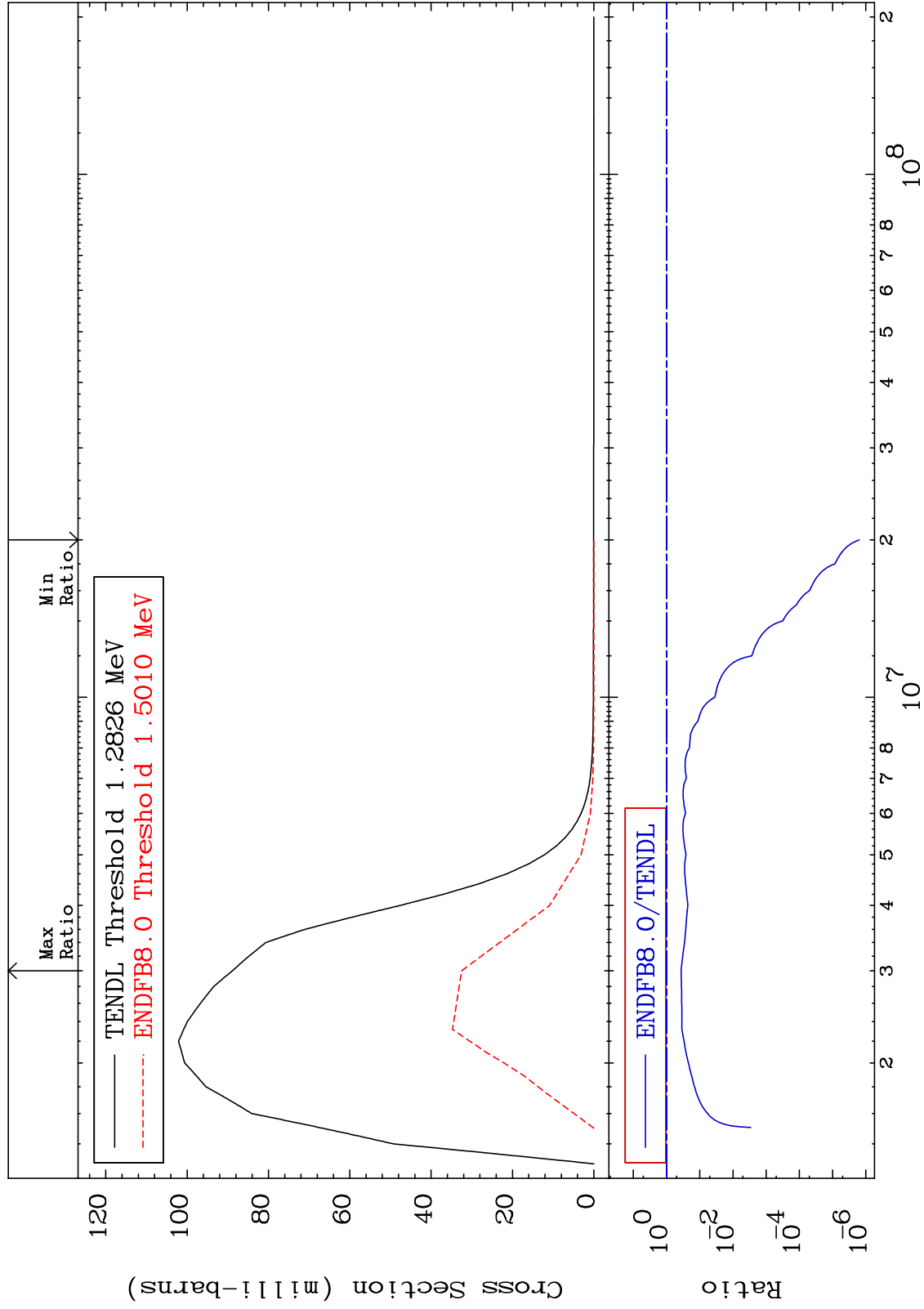


12 Incident Energy (eV) 55-Cs-137

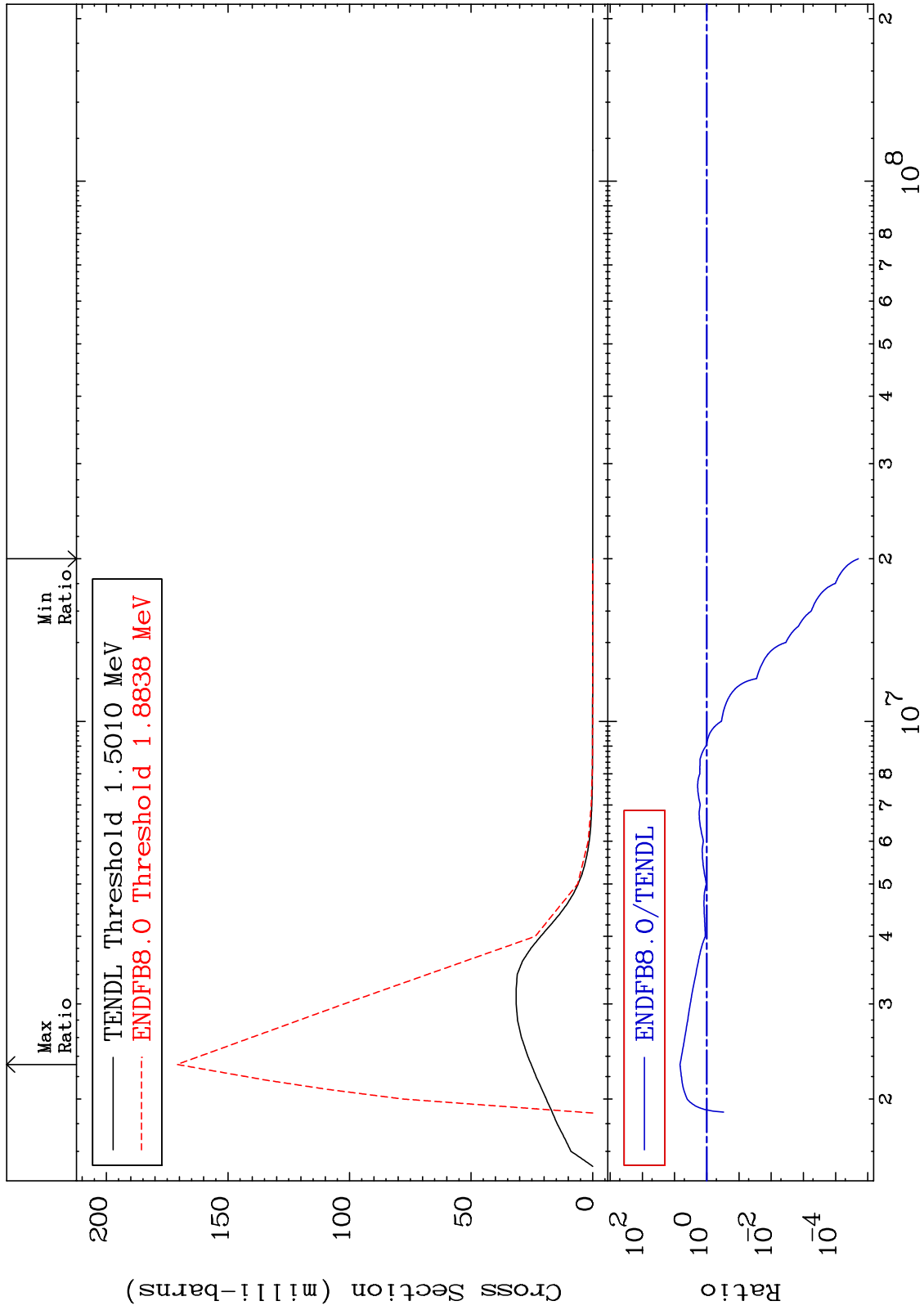
MAT 5537

MT= 54 (n,n') Level  
Cross Section

55-Cs-137  
-100.0 To -63.43%



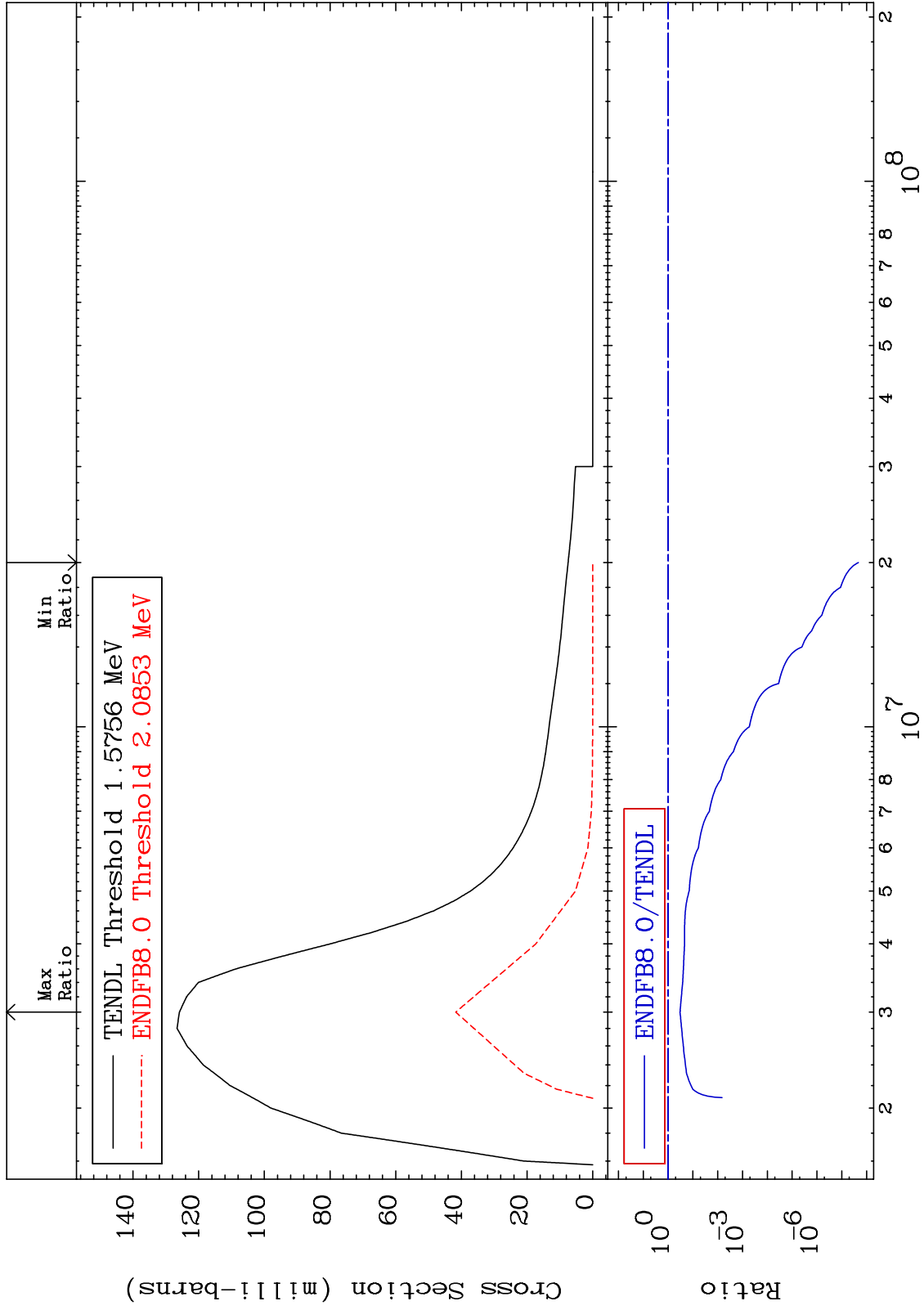
MAT 5537 MT= 55 (n,n') Level Cross Section 55-Cs-137  
 -100.0 To 575.9 %



MAT 5537

MT= 56 (n,n') Level  
Cross Section

55-Cs-137  
-100.0 To -66.86%

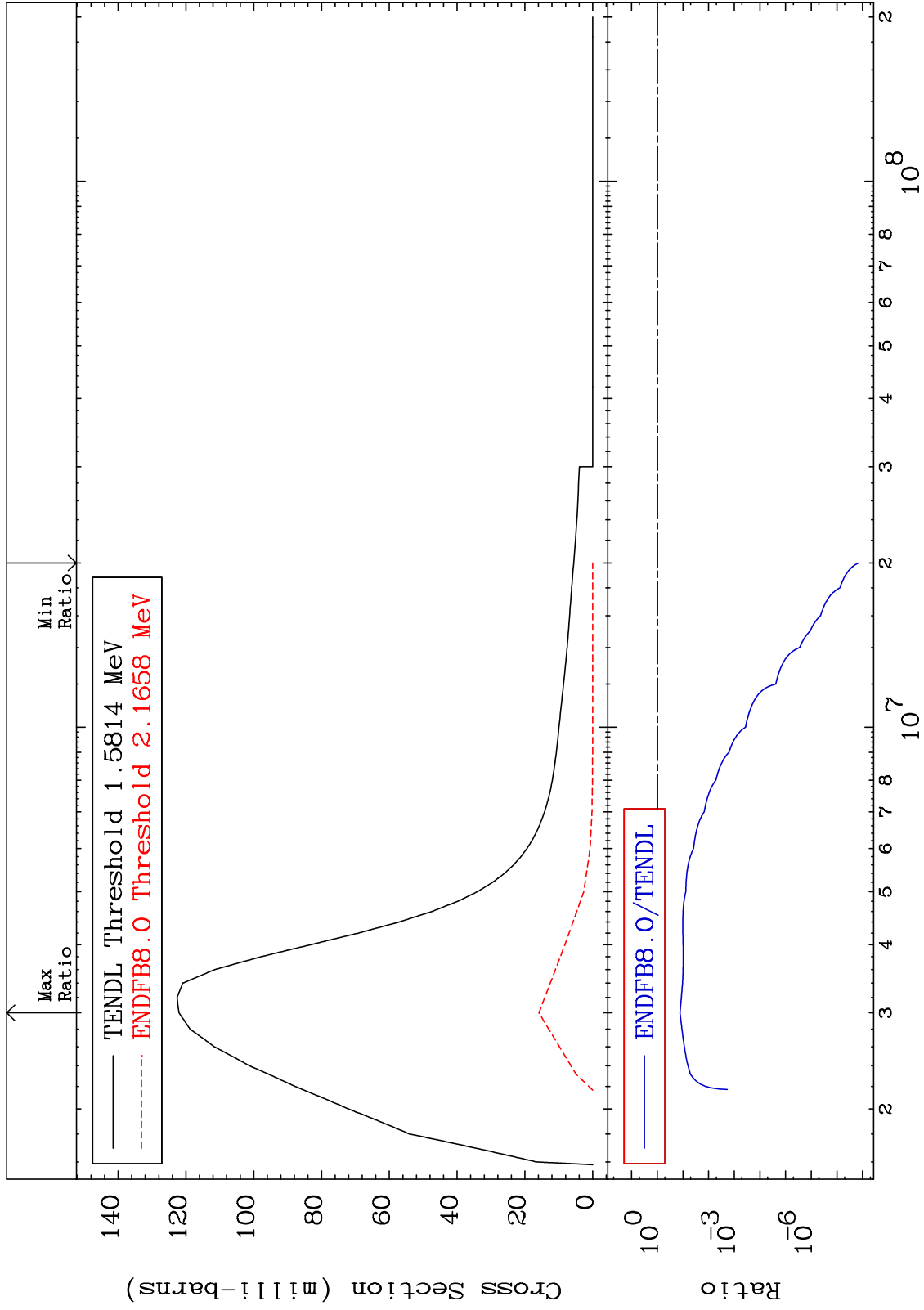




MAT 5537

MT= 57 (n, n') Level  
Cross Section

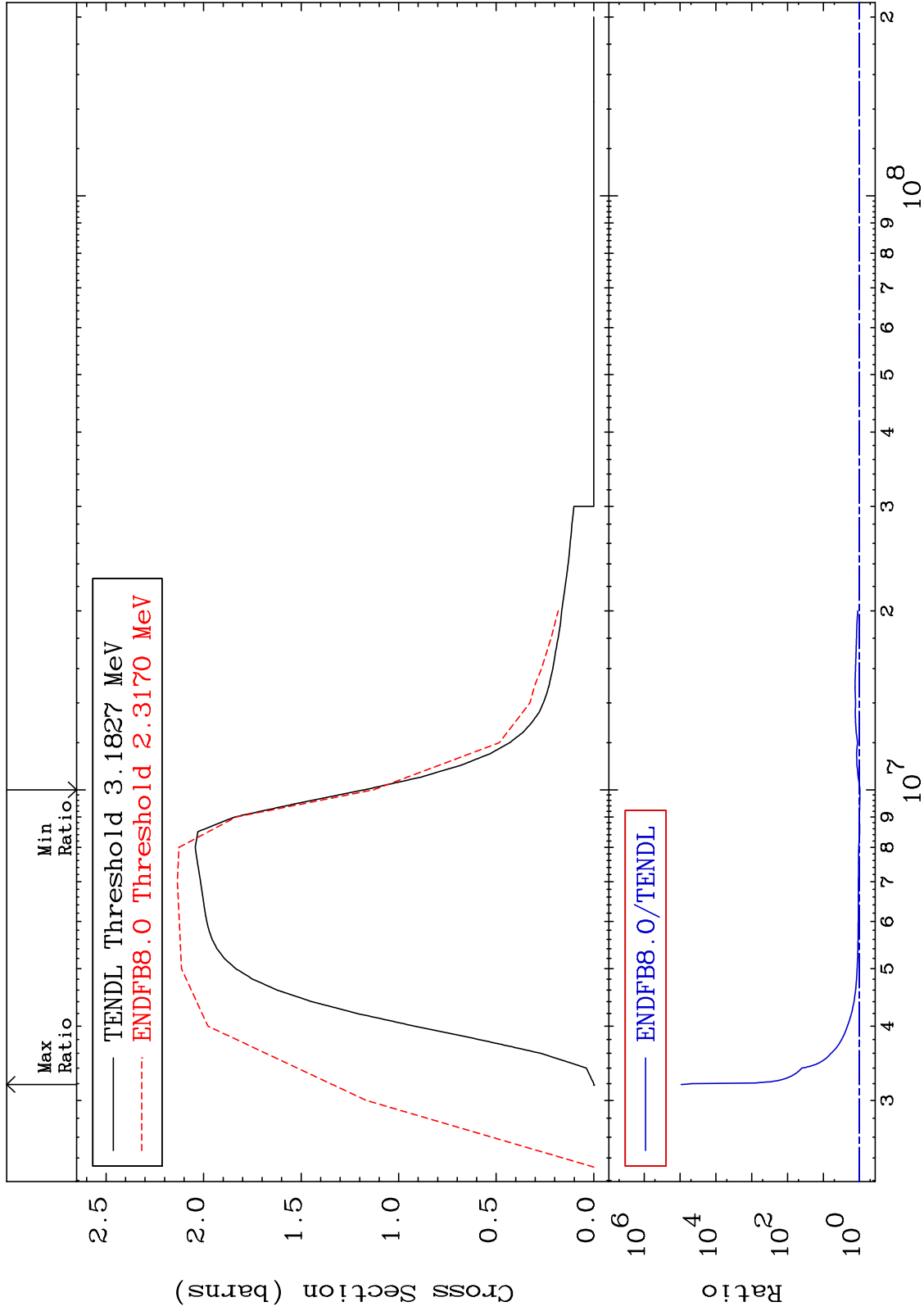
55-Cs-137  
-100.0 To -87.01%



MAT 5537

(n,n') Continuum  
Cross Section

55-Cs-137  
-3.838 To 9999. %



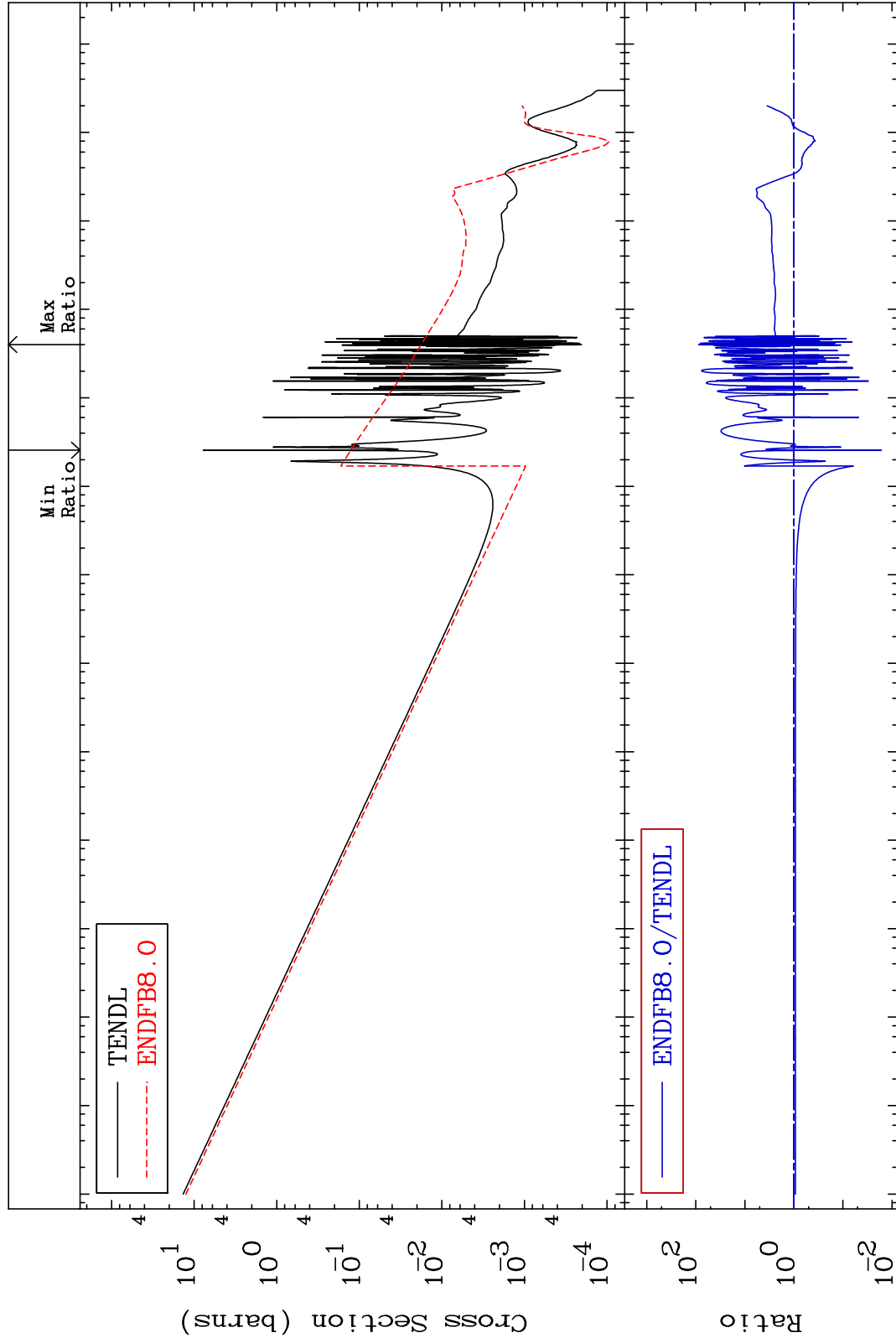
MAT 5537

(n,  $\gamma$ )

55-Cs-137

Cross Section

-98.37 To 8631. %



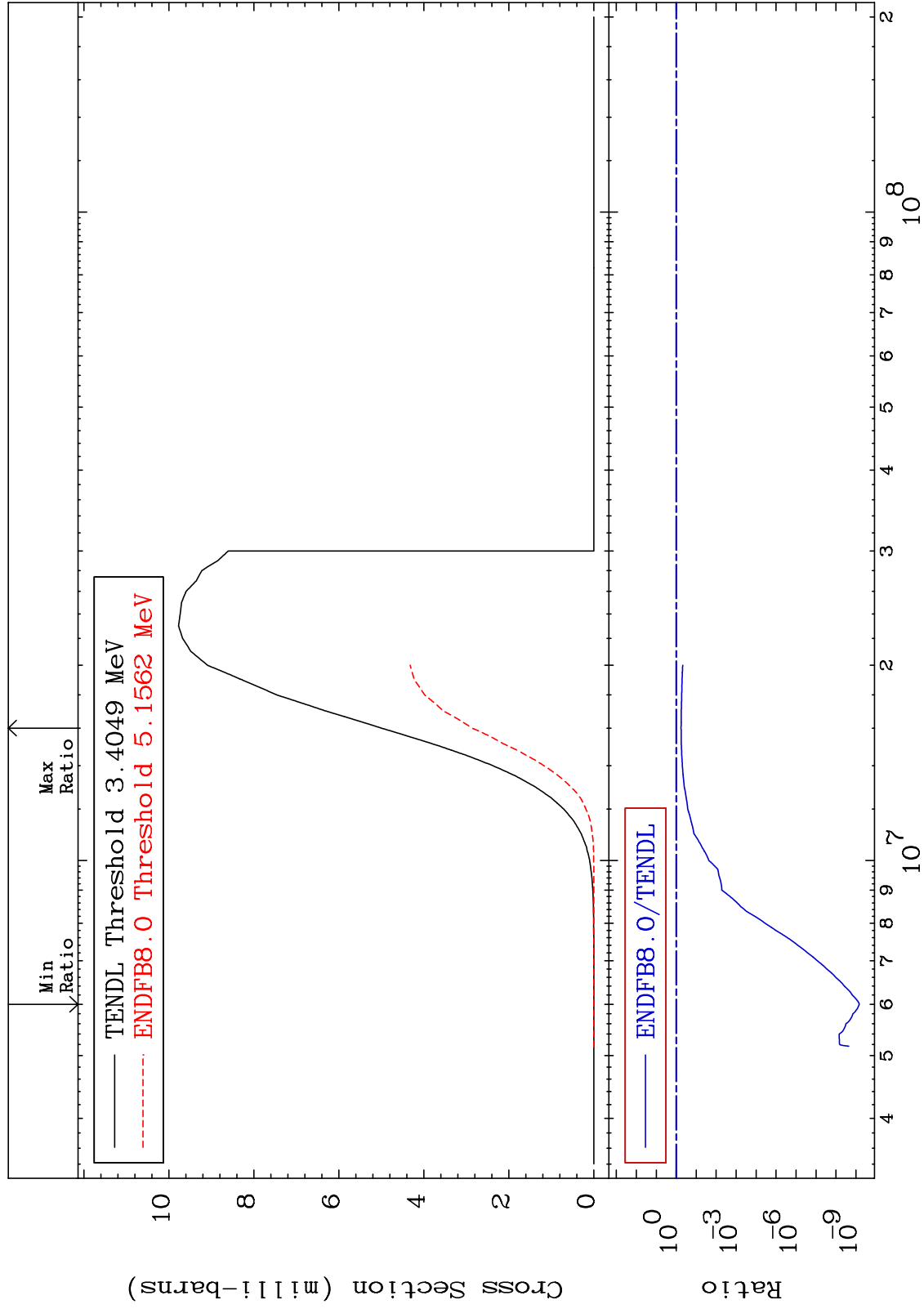
MAT 5537

(n,p)

55-Cs-137

Cross Section

-100.0 To -42.68%



55-Cs-137

Incident Energy (eV)

19

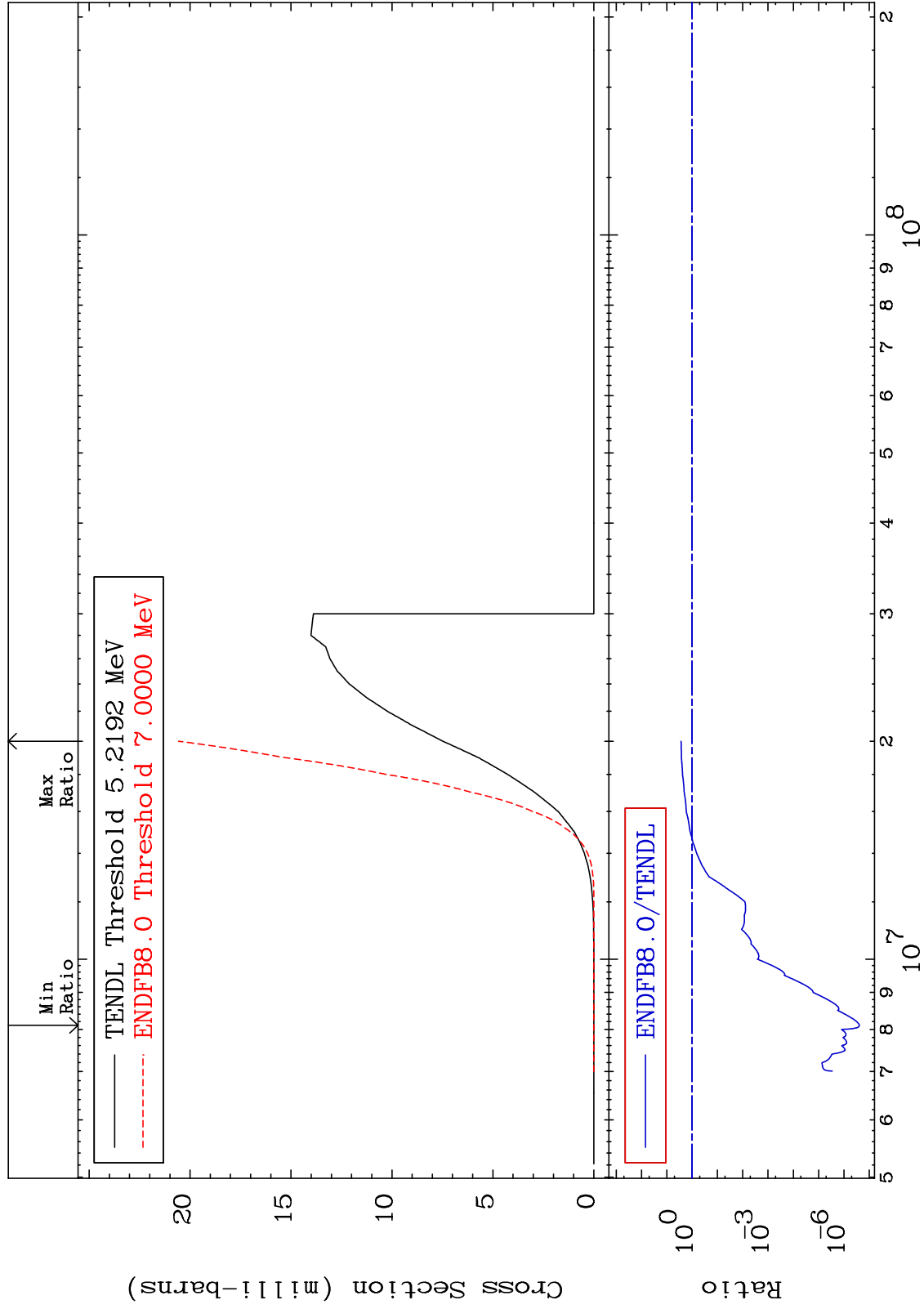
MAT 5537

(n, d)

55-Cs-137

Cross Section

-100.0 To 175.1 %



20

Incident Energy (eV)

55-Cs-137

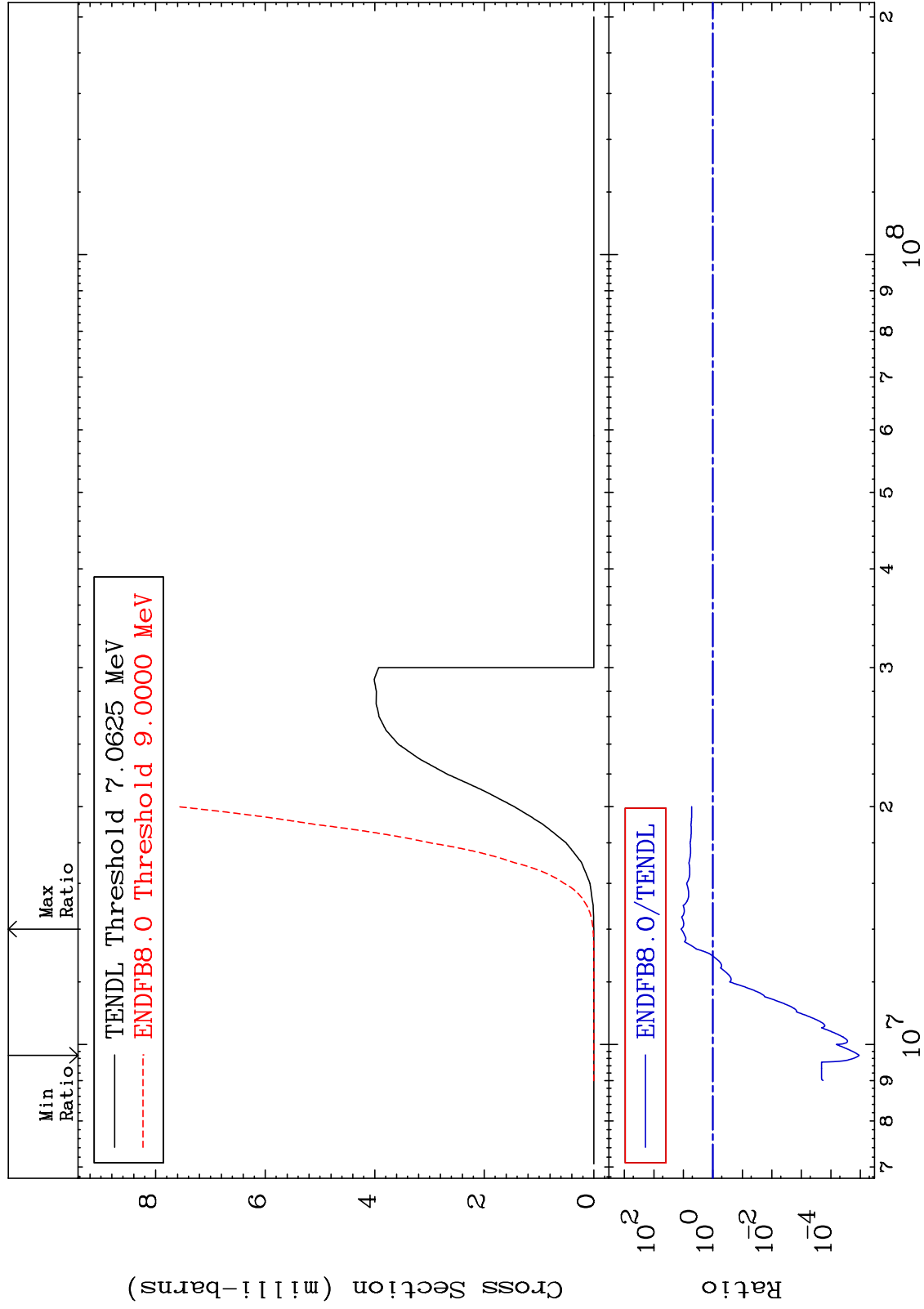
MAT 5537

(n, t)

55-Cs-137

Cross Section

-100.0 To 1098. %



55-Cs-137

Incident Energy (eV)

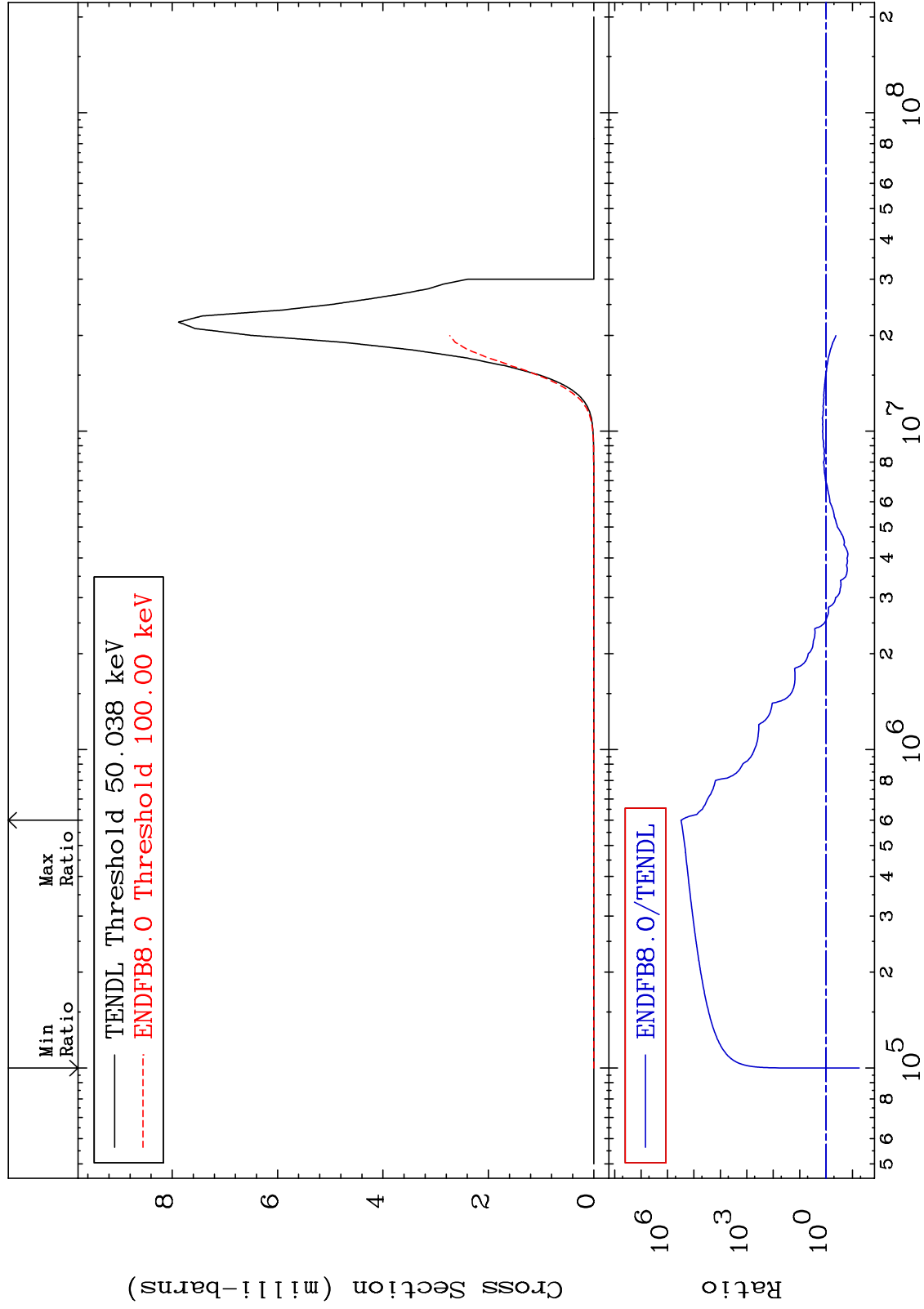
MAT 5537

(n,  $\alpha$ )

55-Cs-137

Cross Section

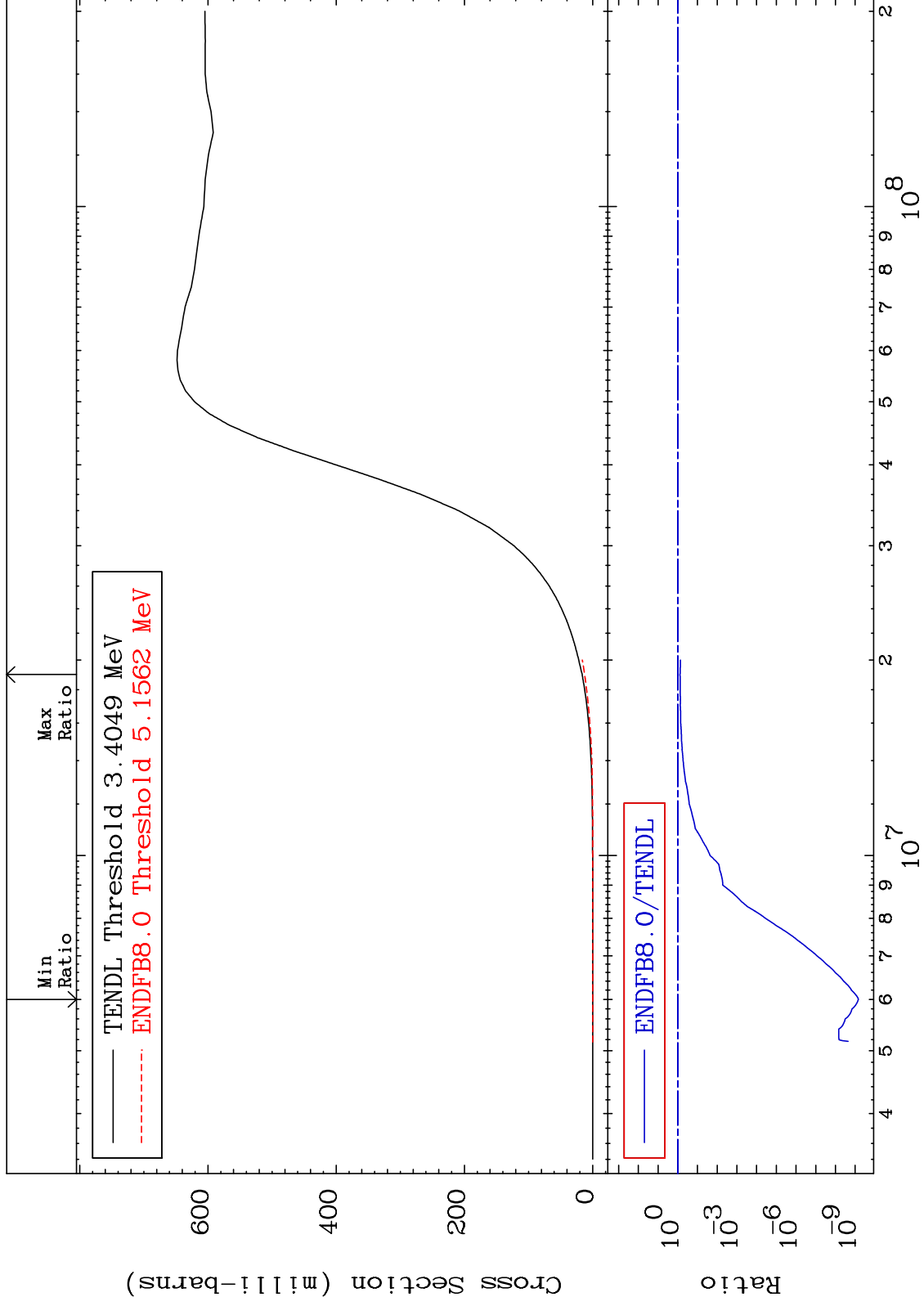
-94.46 To 9999. %



MAT 5537

Hydrogen Production  
Cross Section

55-Cs-137  
-100.0 To -22.83%

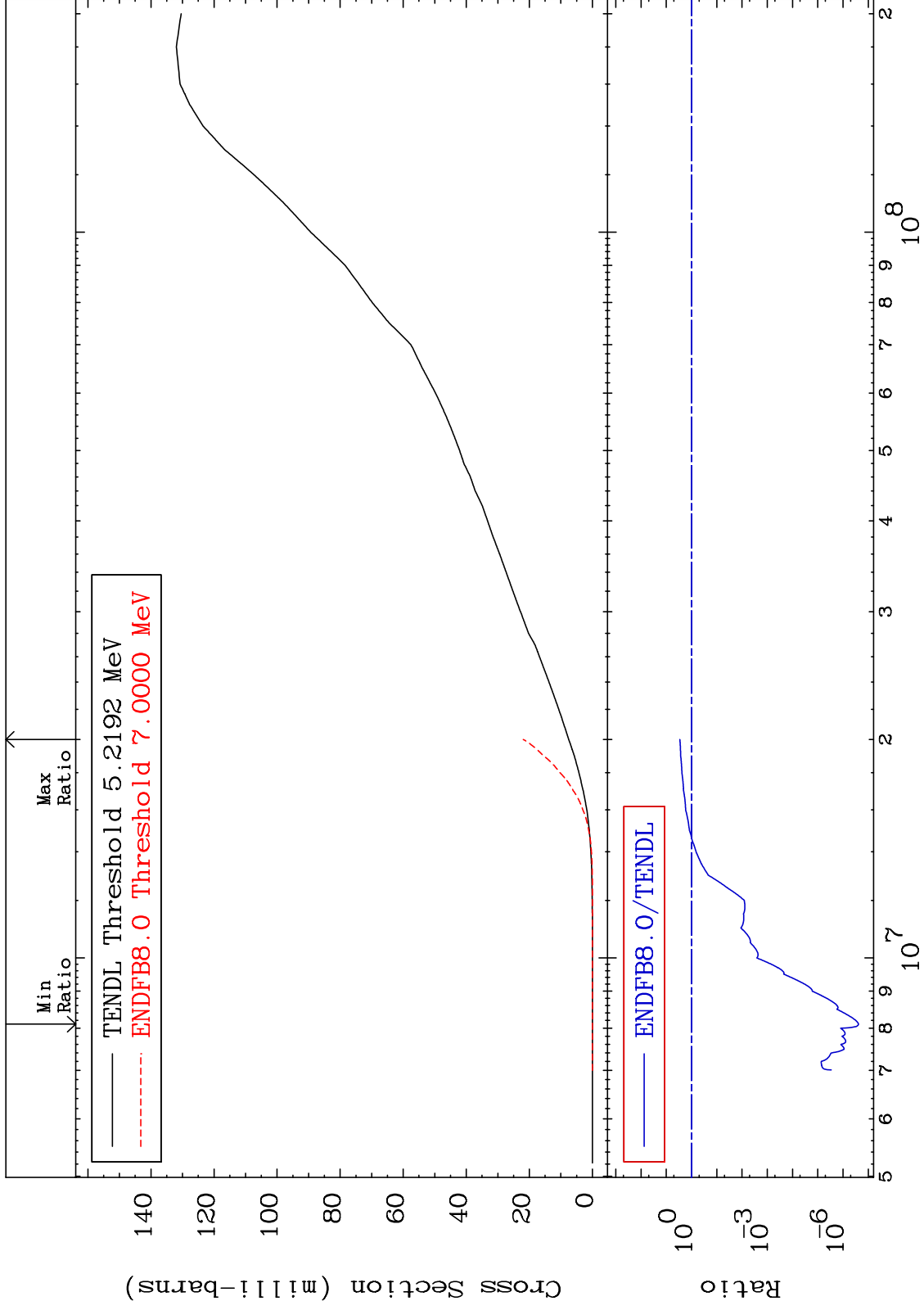




MAT 5537

Deuterium Production  
Cross Section

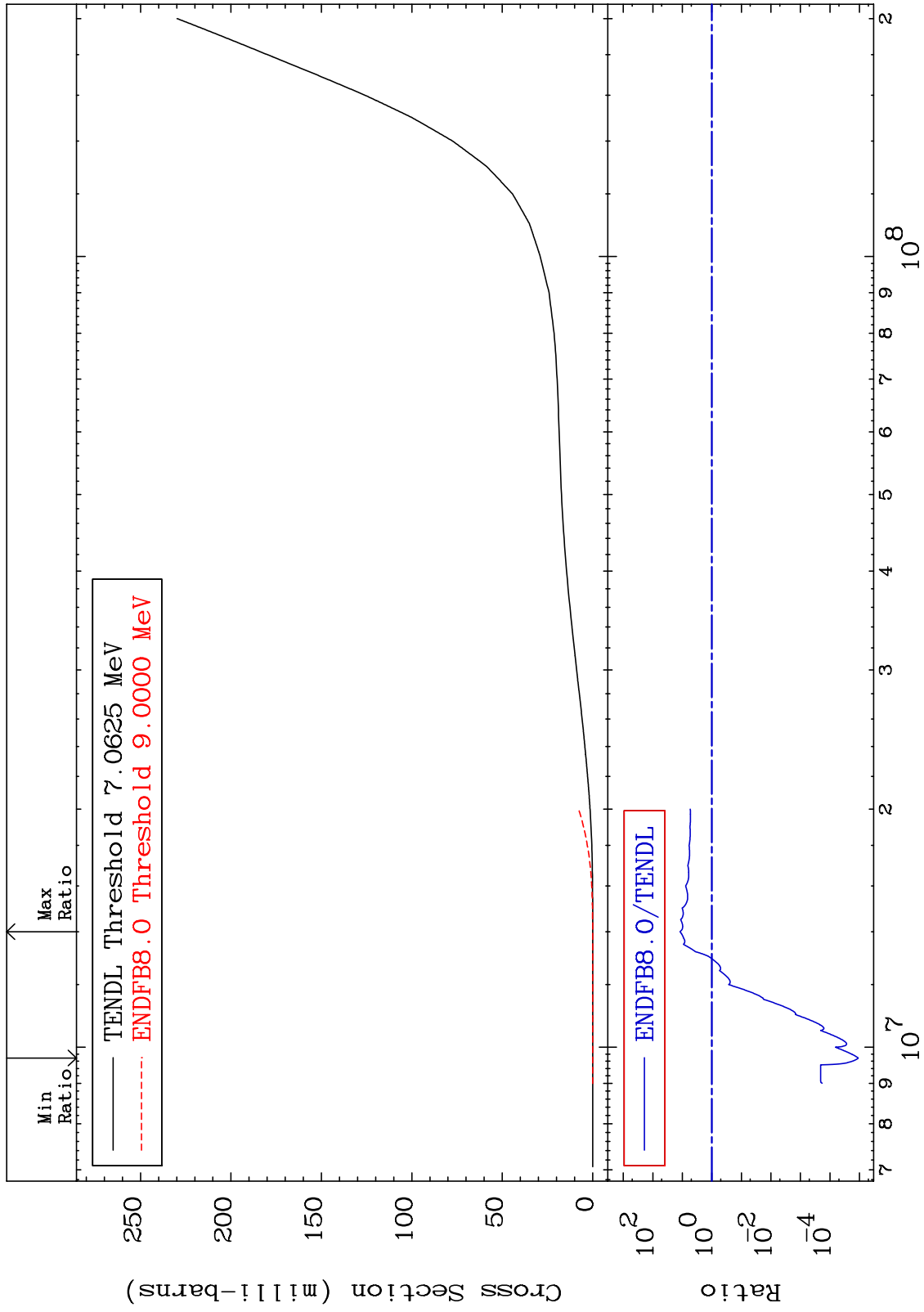
55-Cs-137  
-100.0 To 191.6 %



MAT 5537

Tritium Production  
Cross Section

55-Cs-137  
-100.0 To 1098. %



25

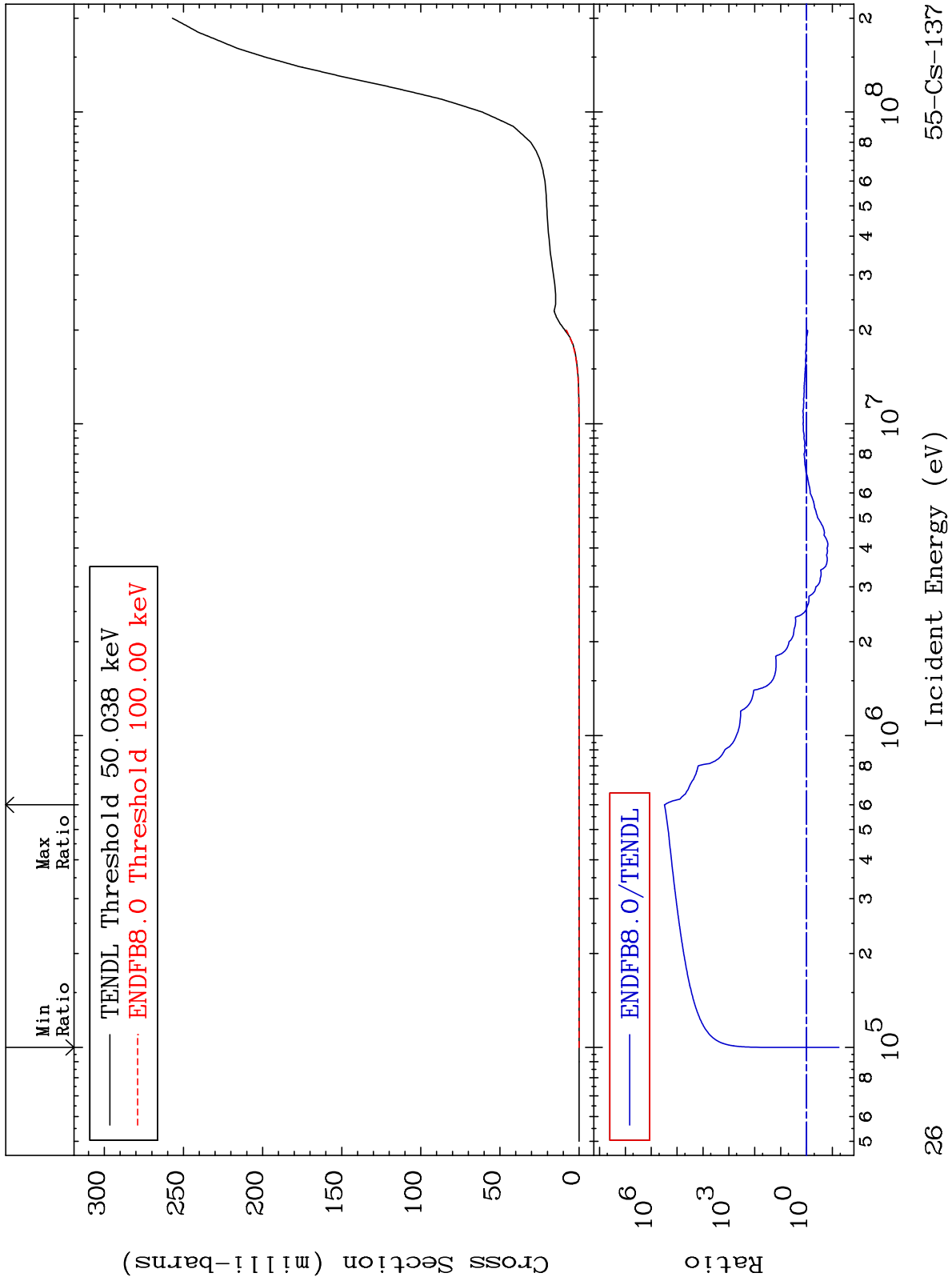
Incident Energy (eV)

55-Cs-137

MAT 5537

He-4 Production  
Cross Section

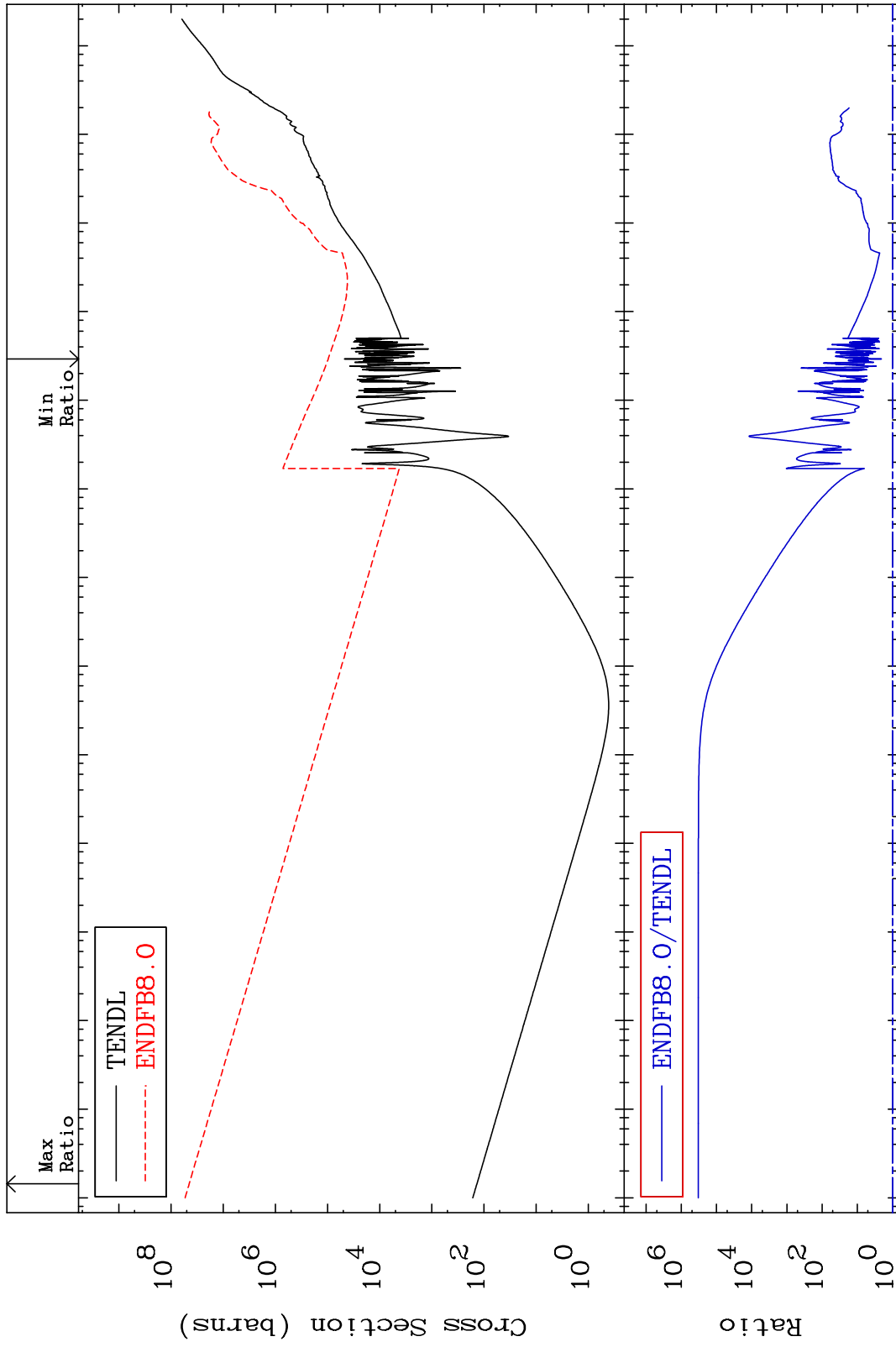
55-Cs-137  
-94.46 To 9999. %



MAT 5537

Kerma total (eV-barns)  
Cross Section

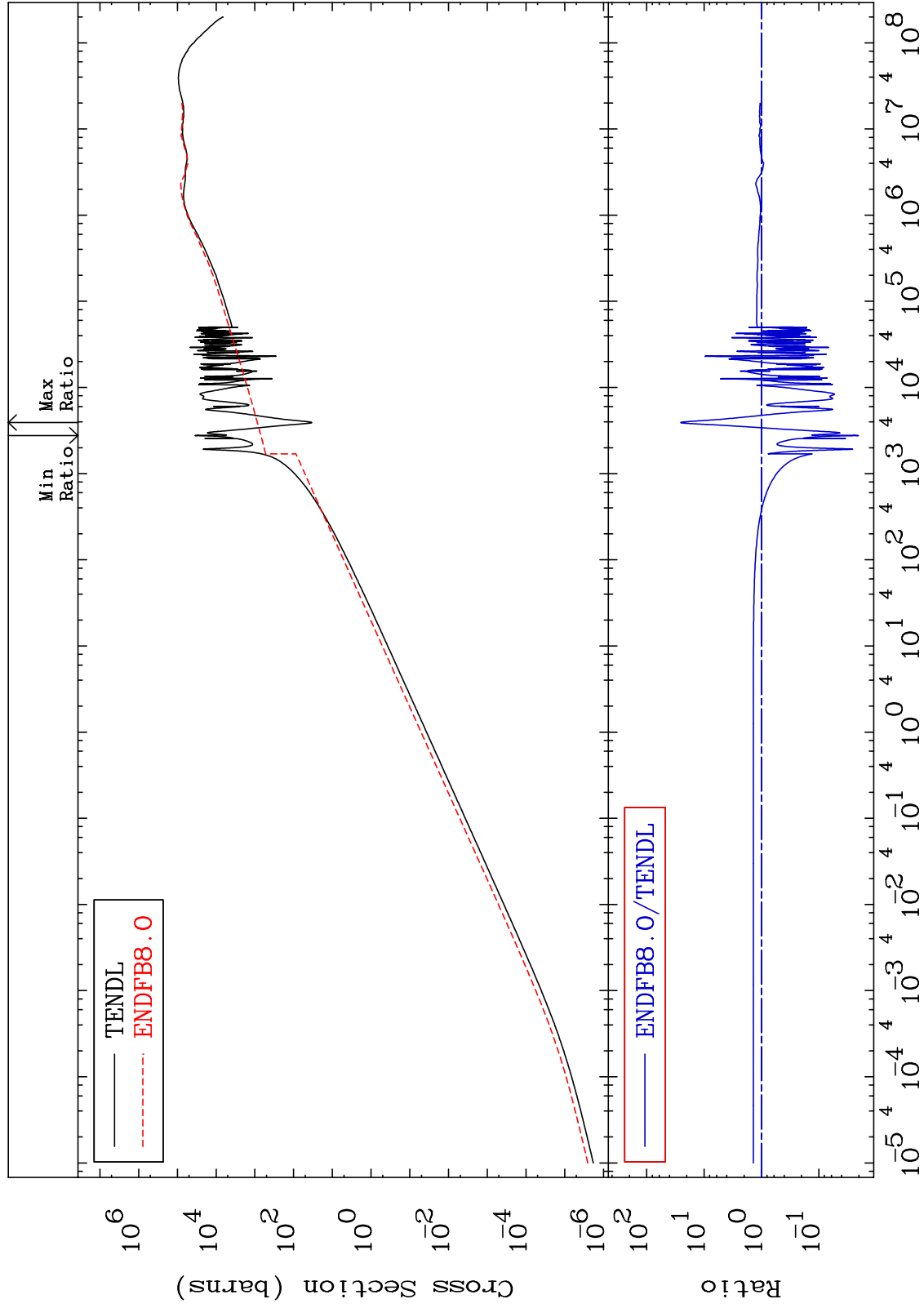
55-Cs-137  
103.9 To 9999. %



MAT 5537

Kerma elastic  
Cross Section

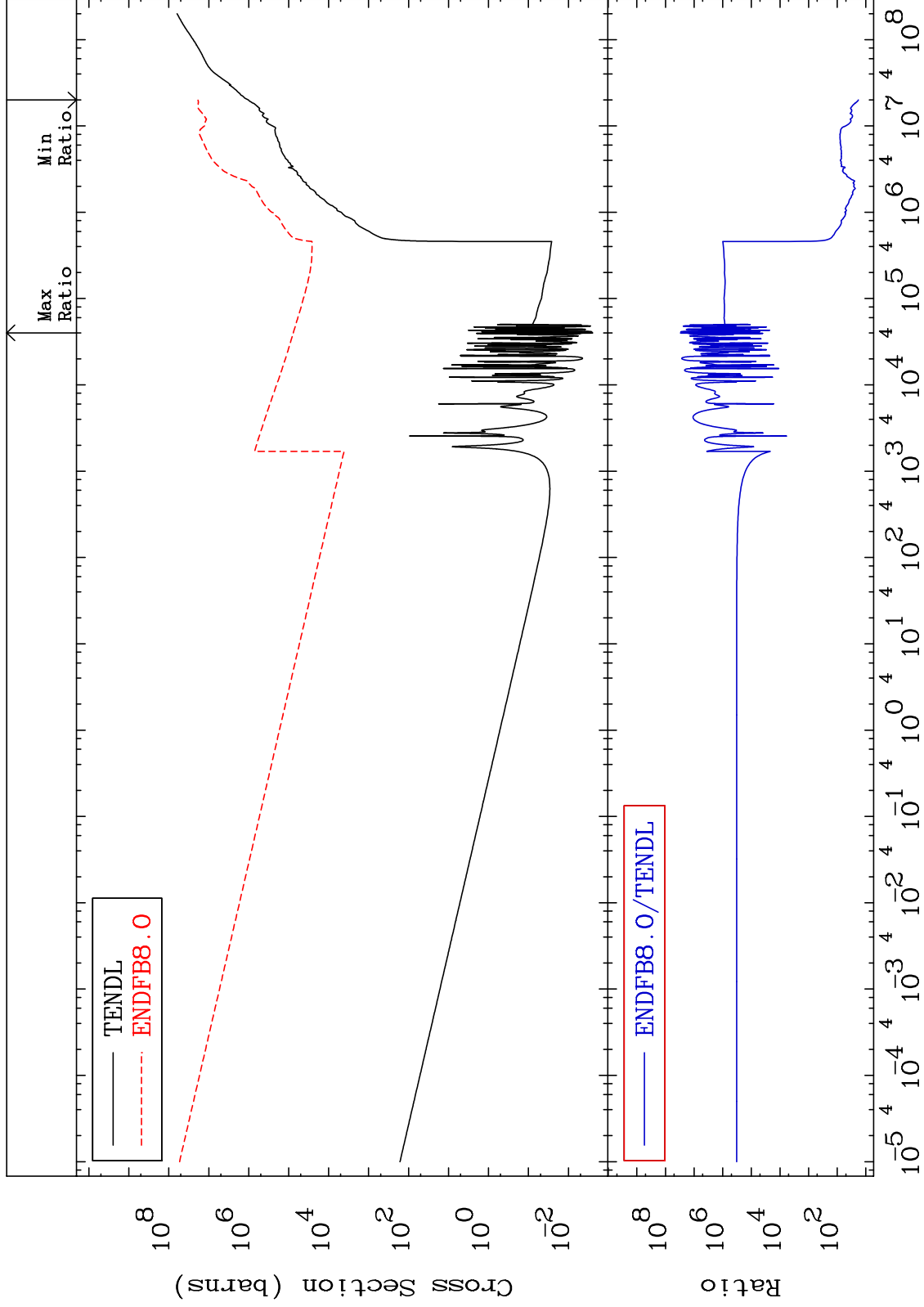
55-Cs-137  
-97.97 To 2474. %



MAT 5537

Kerma non-elastic (all but mt2)  
Cross Section

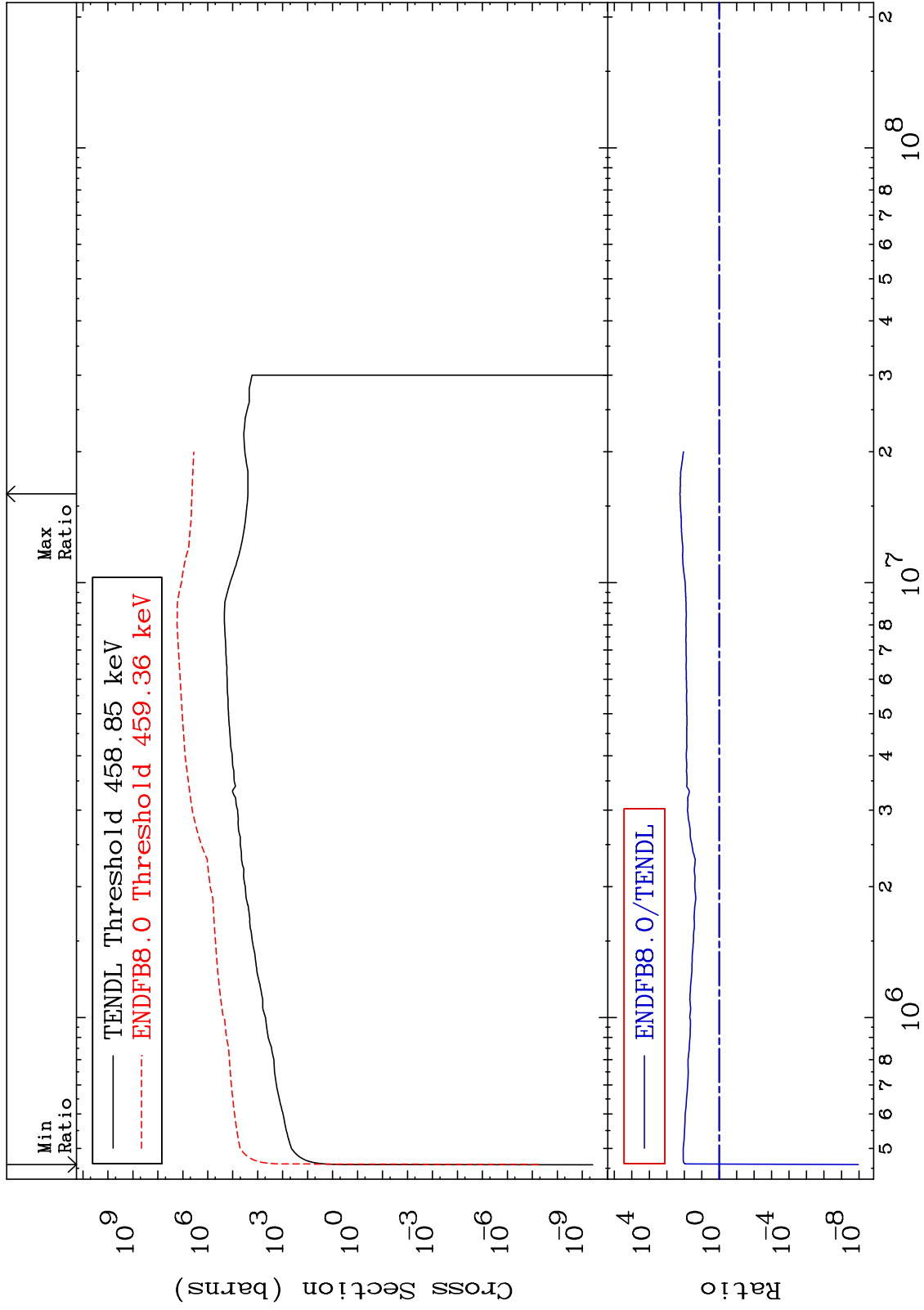
55-Cs-137  
1716. To 9999. %



MAT 5537

Kerma inelastic (mt51-91)  
Cross Section

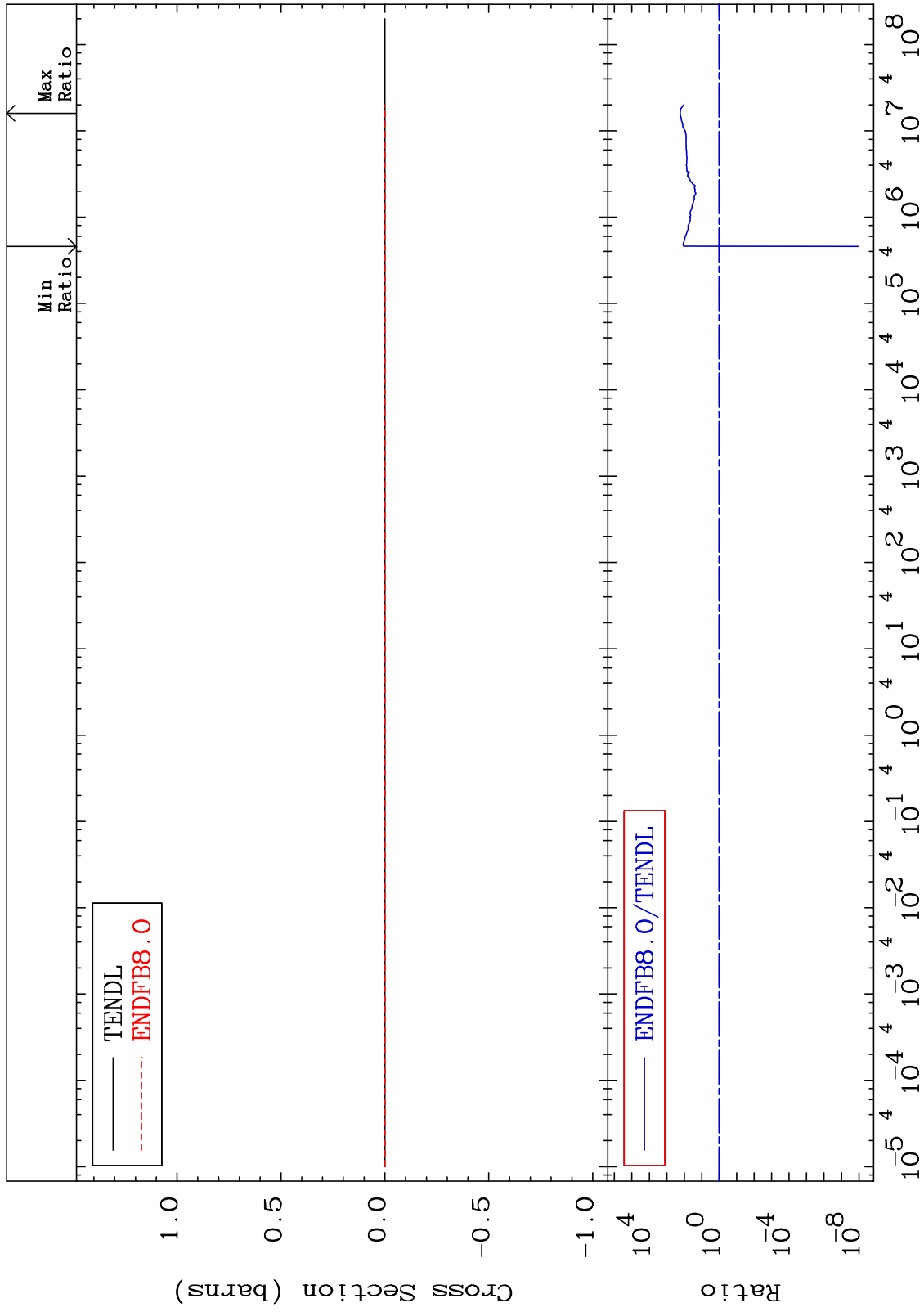
55-Cs-137  
-100.0 To 9999. %



MAT 5537

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

55-Cs-137  
-100.0 To 9999. %

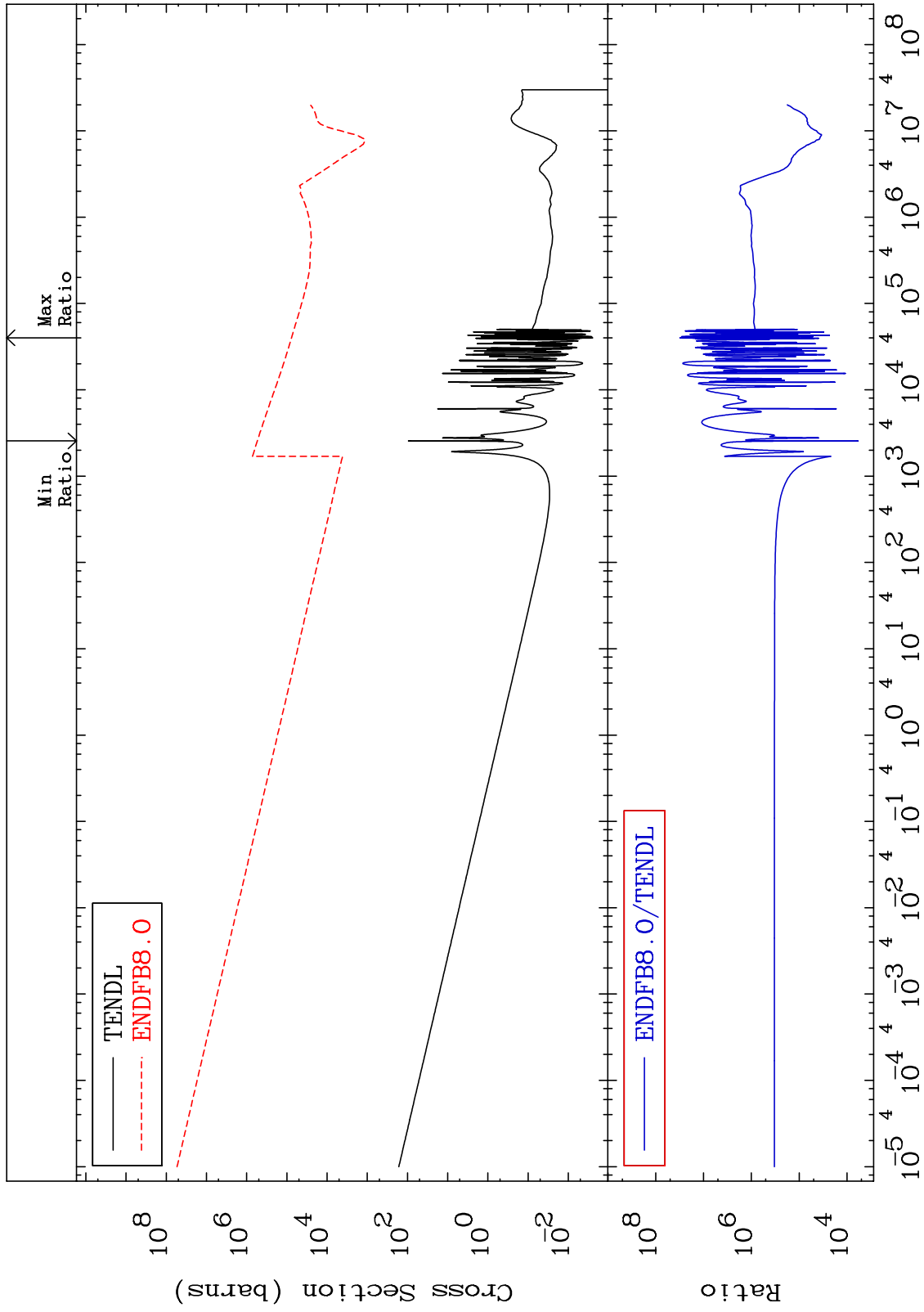




MAT 5537

Kerma capture (mt102)  
Cross Section

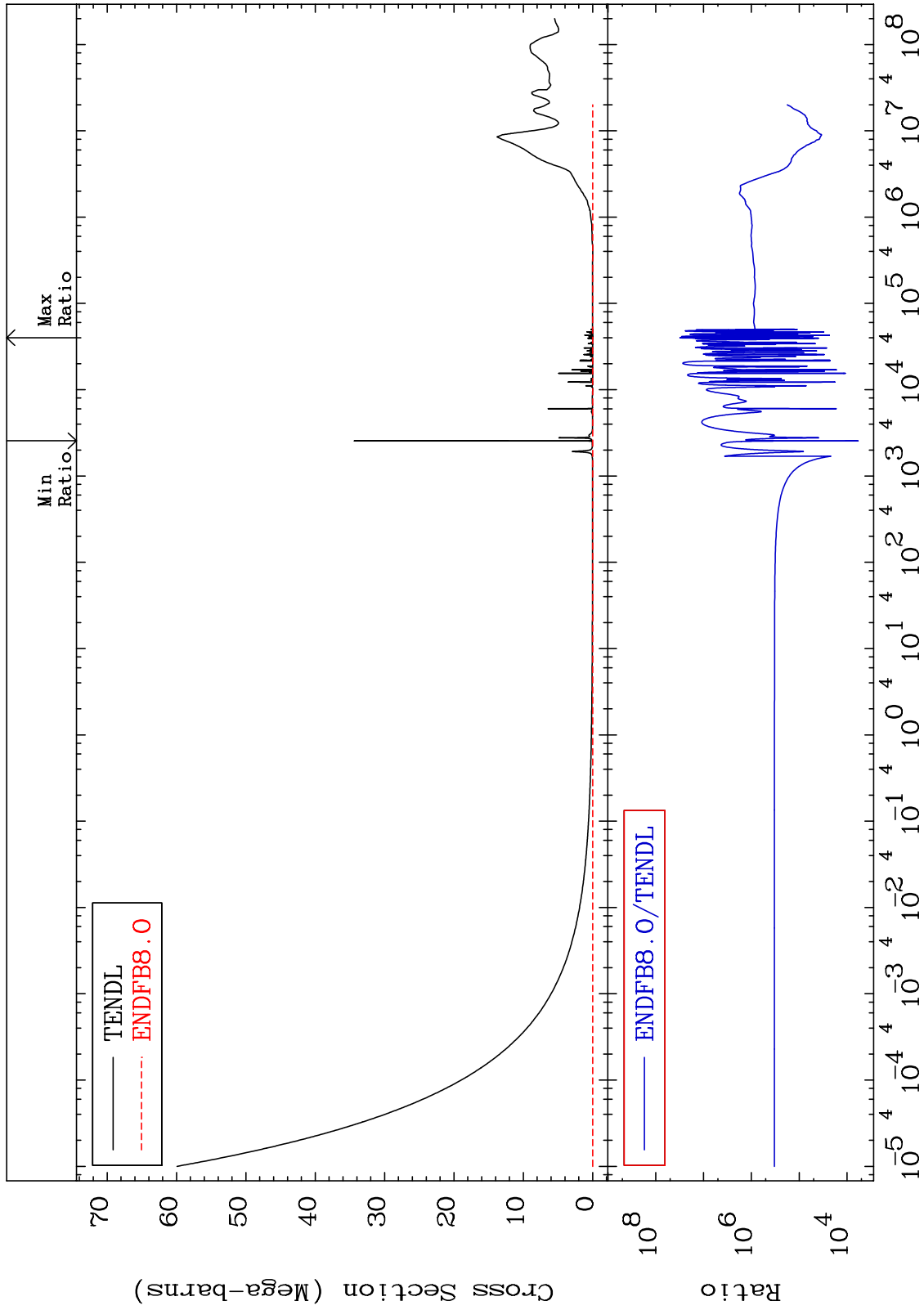
55-Cs-137  
9999. To 9999. %



MAT 5537

Total photon (eV-barns)  
Cross Section

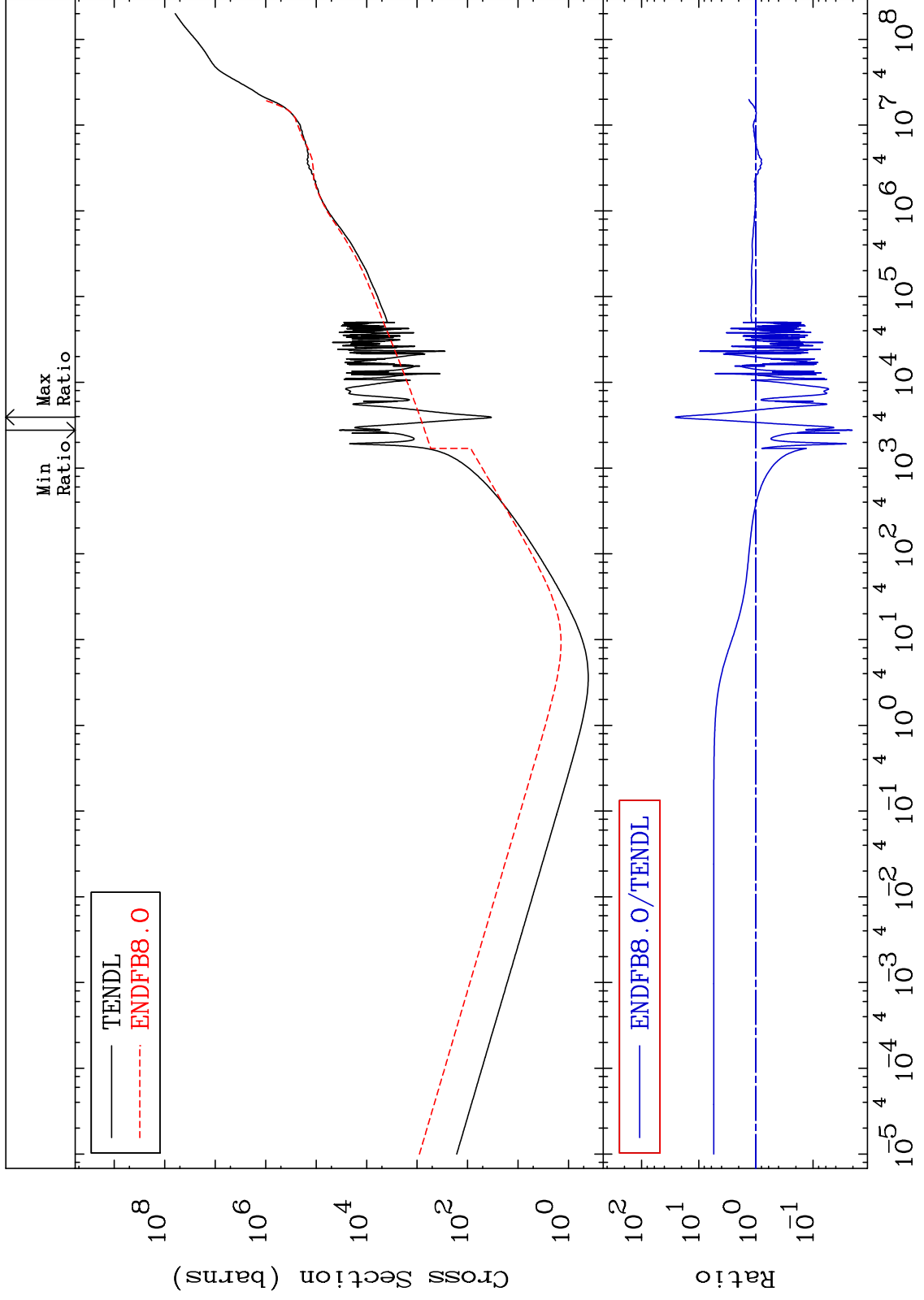
55-Cs-137  
9999. To 9999. %



MAT 5537

Total kinematic kerma (high limit)  
Cross Section

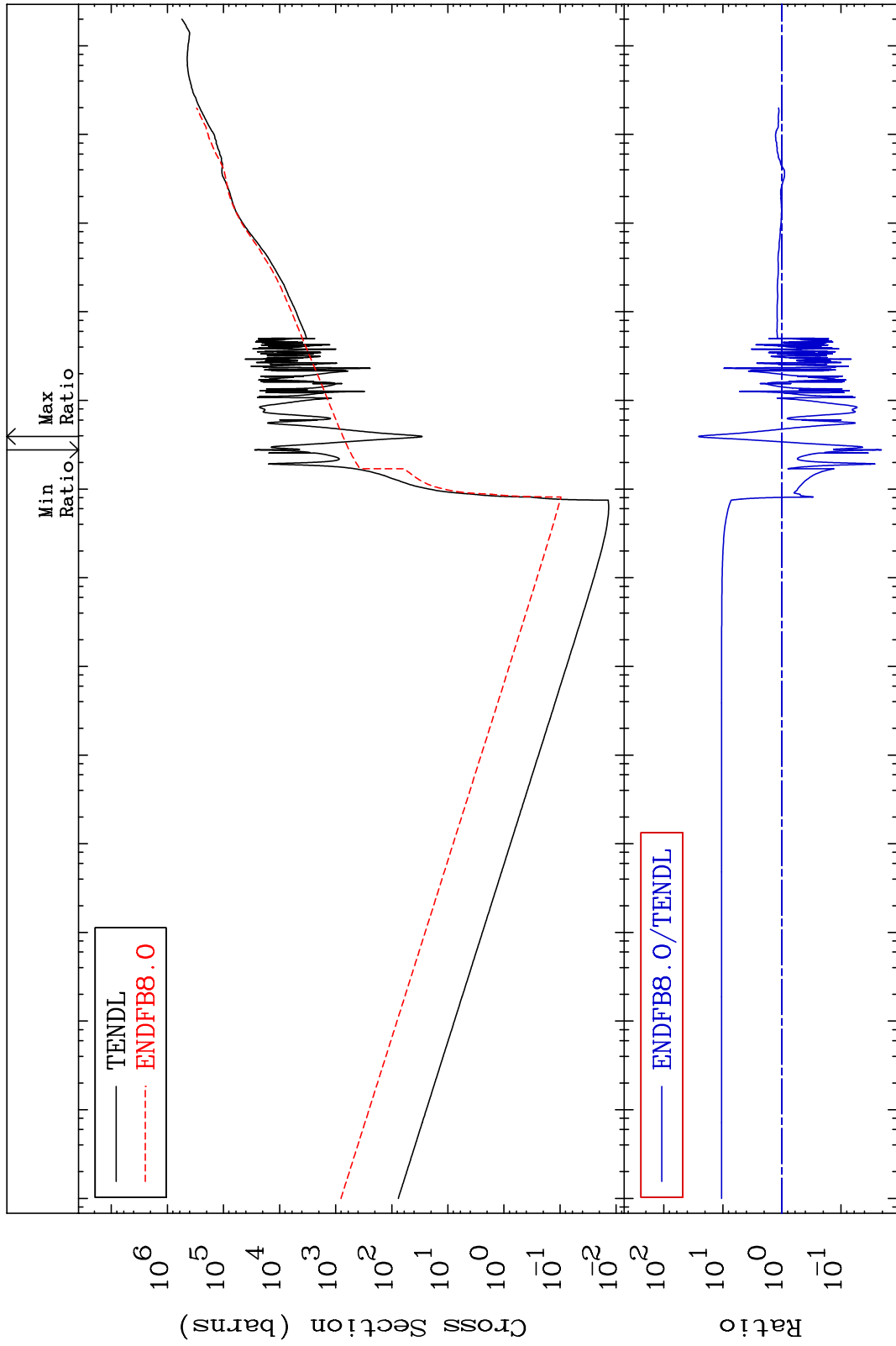
55-Cs-137  
-97.94 To 2499. %



MAT 5537

Dpa total (eV-barns)  
Cross Section

55-Cs-137  
-97.94 To 2495. %



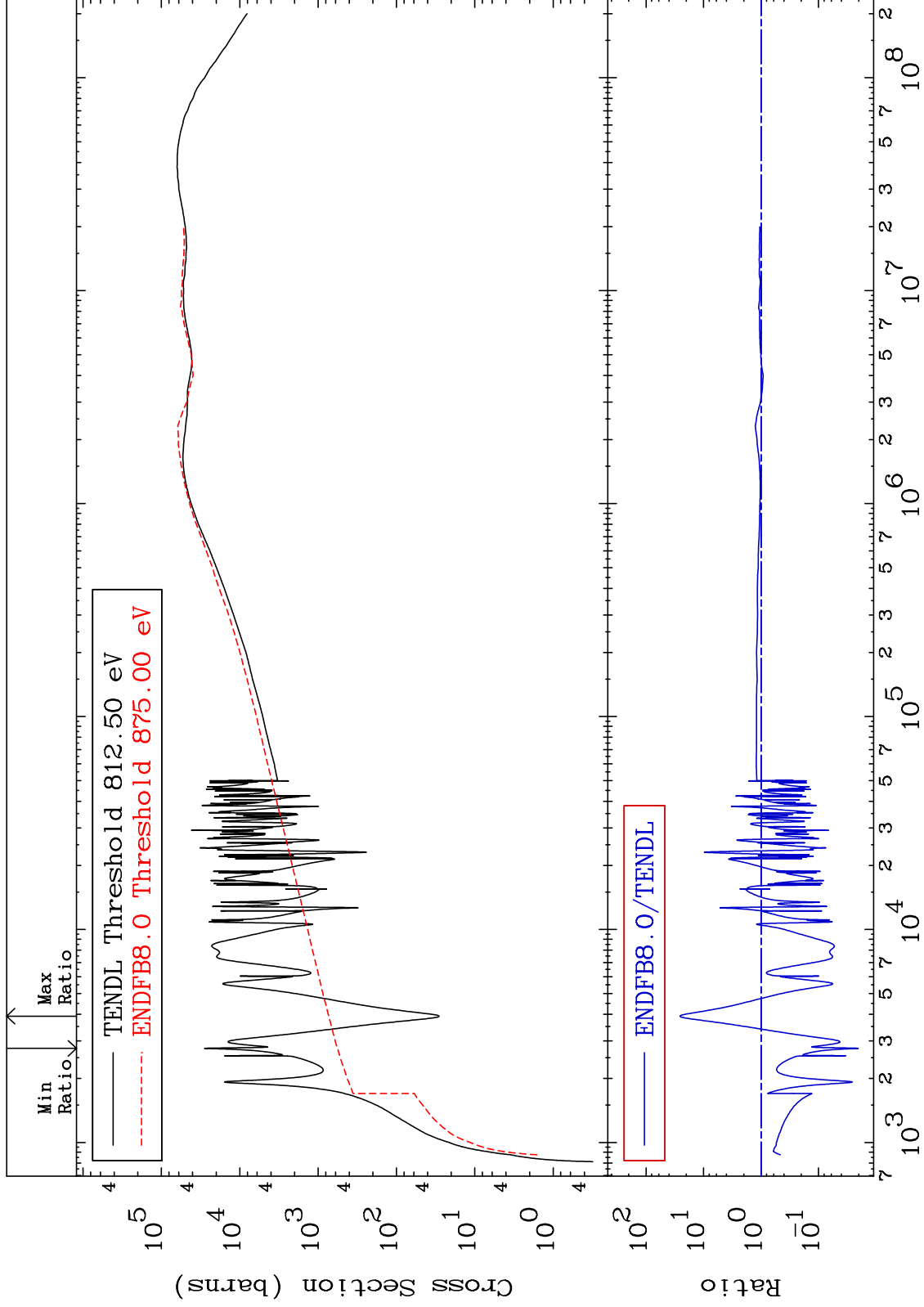
Incident Energy (eV)

55-Cs-137

MAT 5537

Dpa elastic (mt2)  
Cross Section

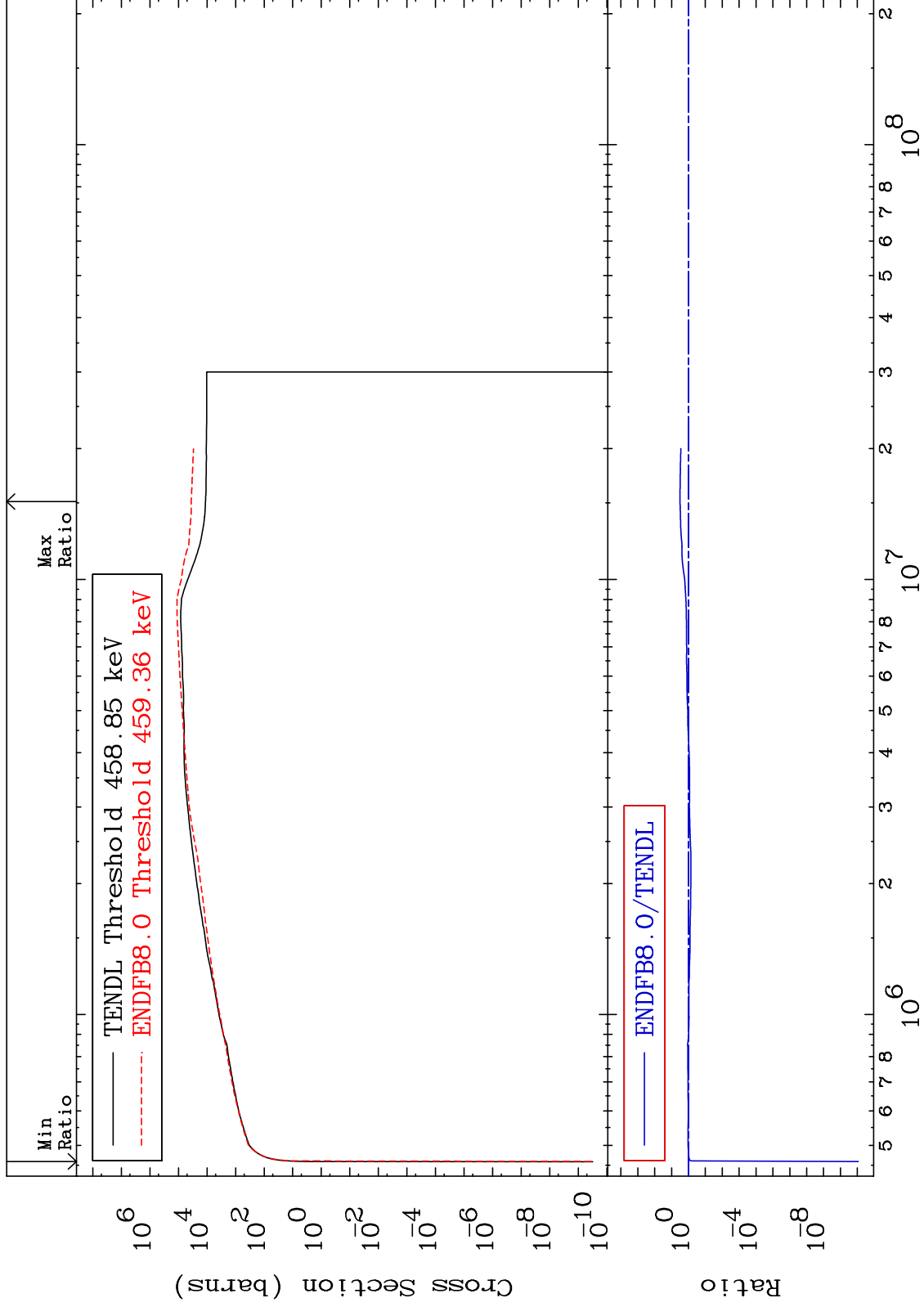
55-Cs-137  
-97.97 To 2468. %



MAT 5537

Dpa inelastic (mt51-91)  
Cross Section

55-Cs-137  
-100.0 To 216.3 %



MAT 5537

Dpa disappearance (mt102 -120)  
Cross Section

55-Cs-137  
-76.75 To 9999. %

