

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

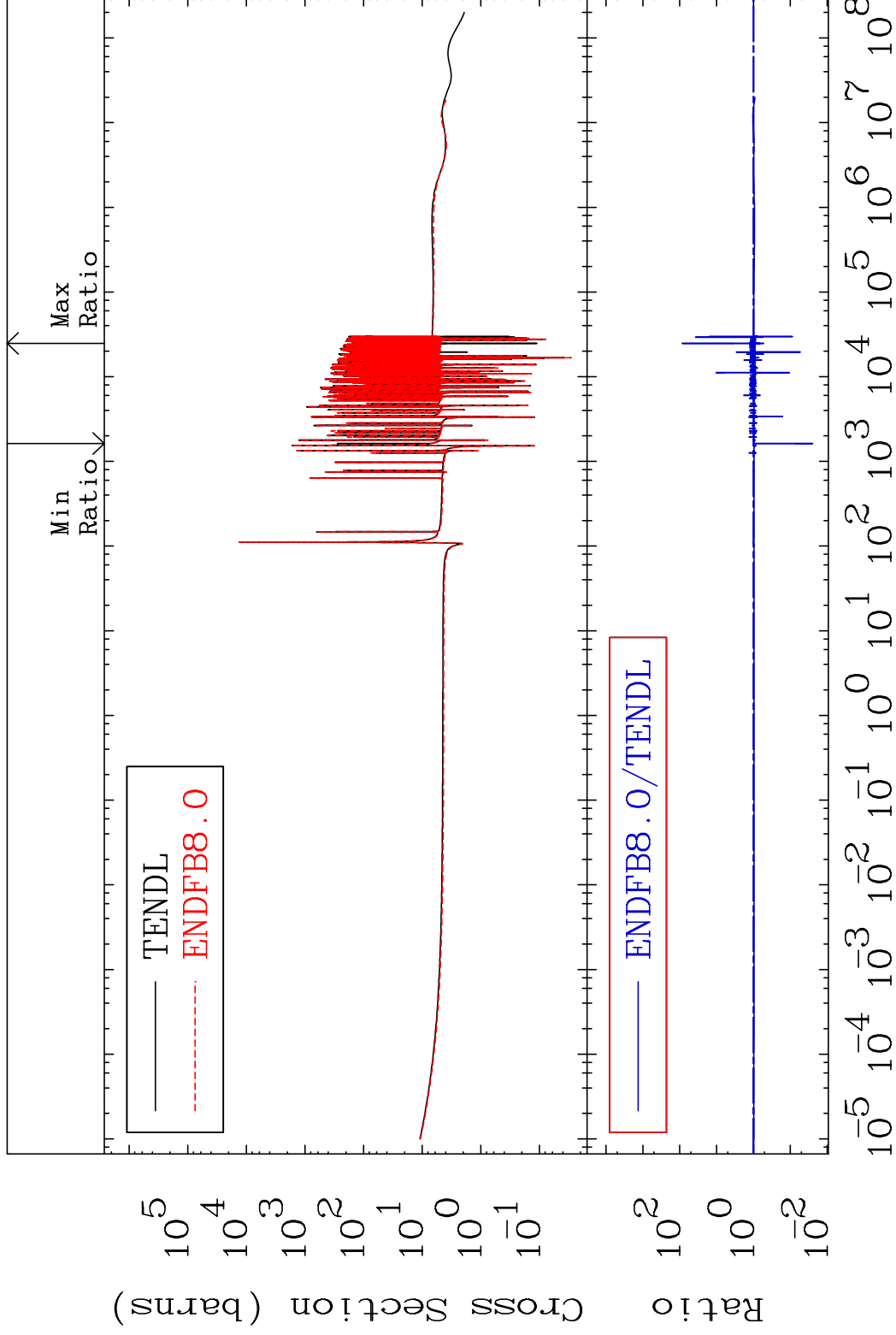
MAT 5037

Total

50-Sn-116

Cross Section

-97.50 To 8384. %



1

Incident Energy (eV)

50-Sn-116

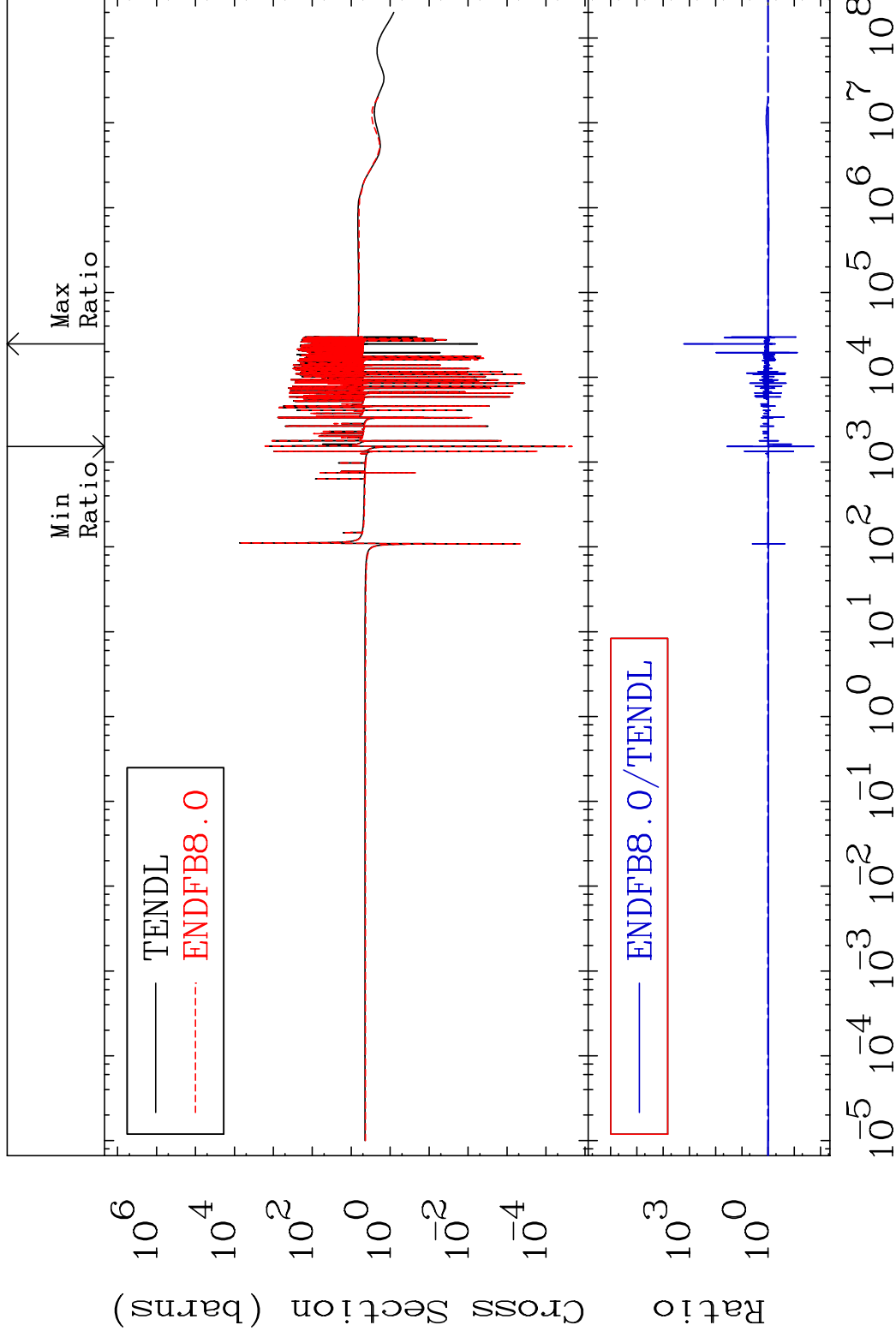
MAT 5037

Elastic

50-Sn-116

Cross Section

-98.24 To 9999. %

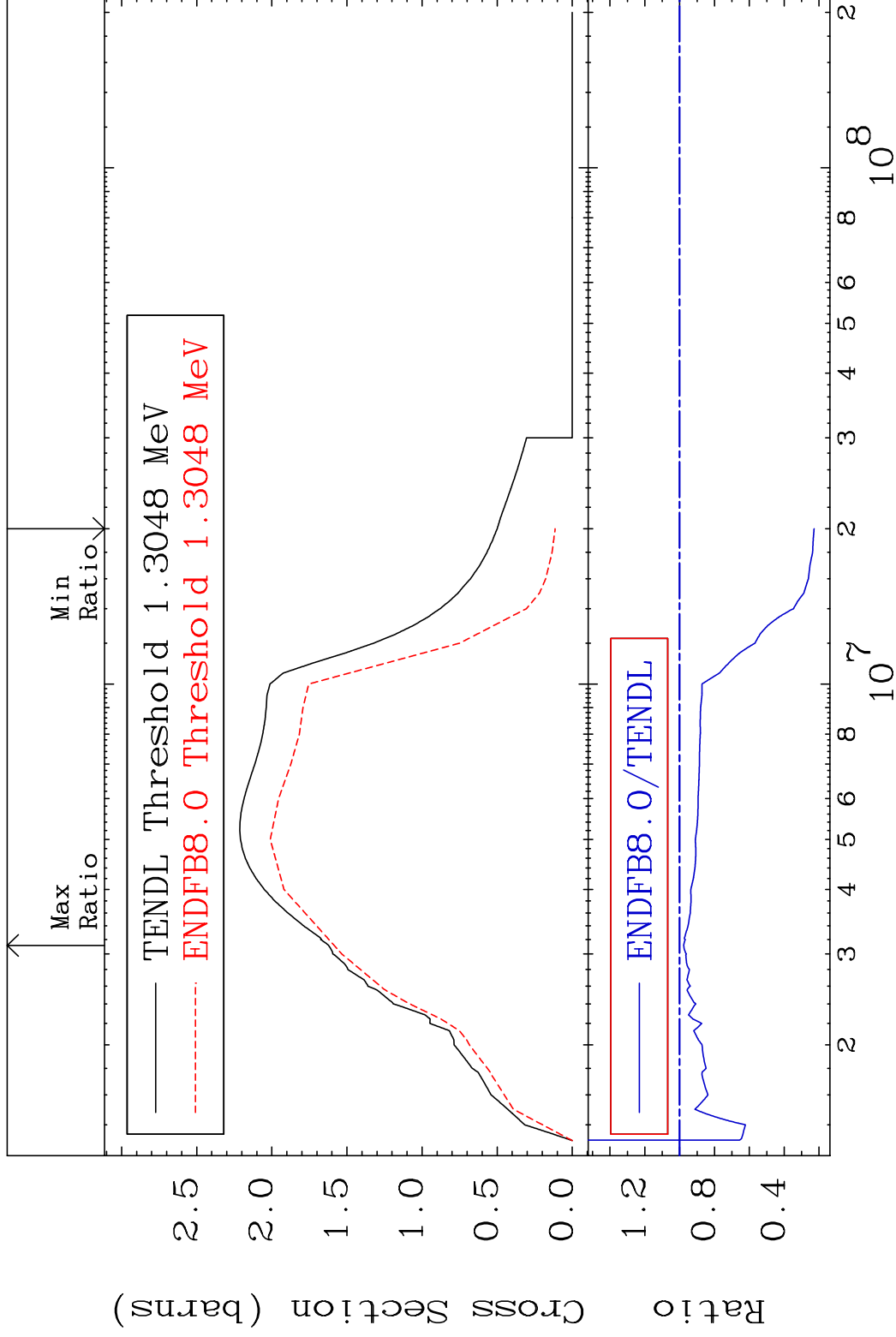


MAT 5037

Inelastic

50-Sn-116

Cross Section -77.17 To -2.295%



3

Incident Energy (eV)

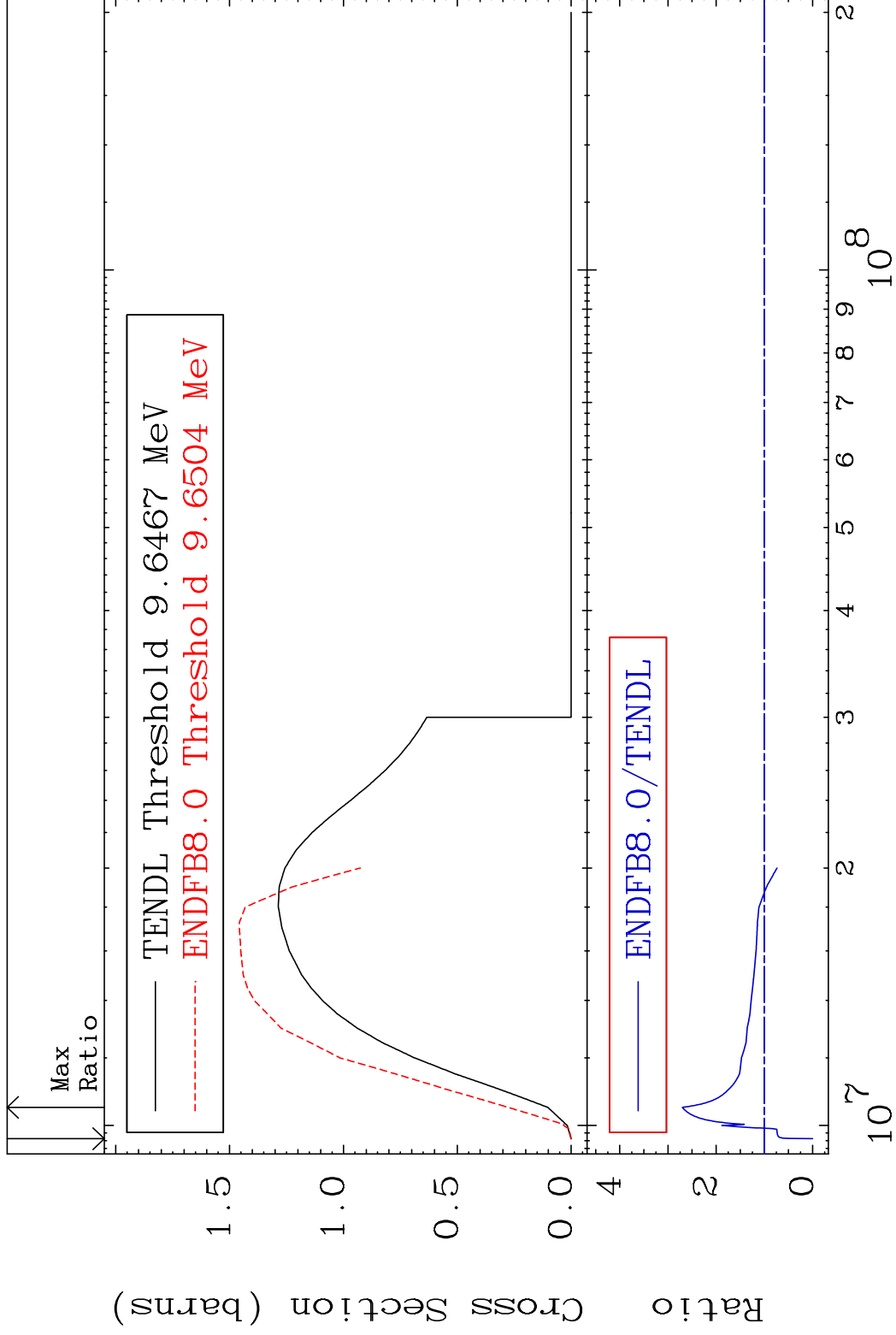
50-Sn-116

MAT 5037

(n,2n)

50-Sn-116

Cross Section -100.0 To 170.2 %



Incident Energy (eV)

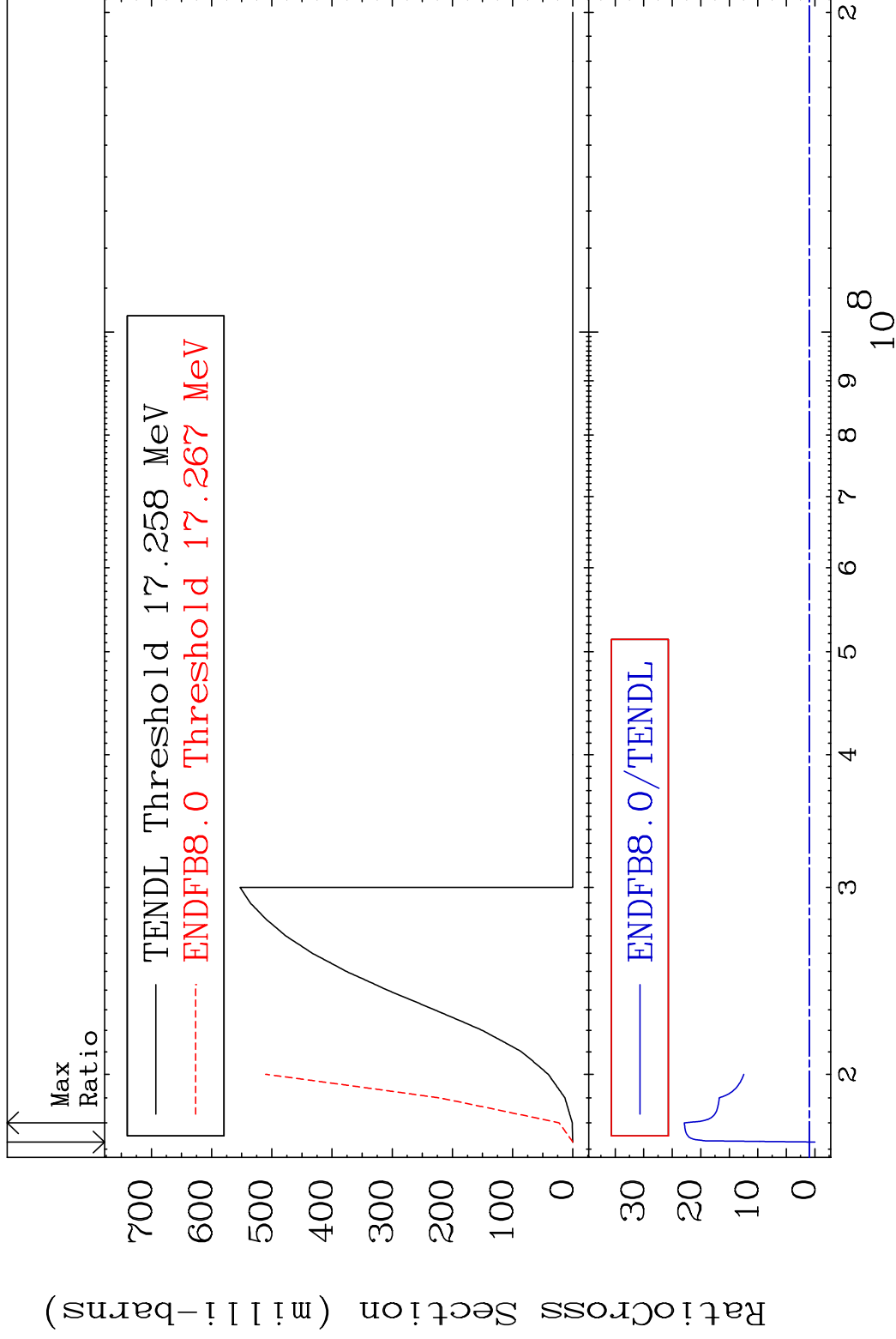
50-Sn-116

MAT 5037

(n,3n)

50-Sn-116

Cross Section -100.0 To 2189. %



5

Incident Energy (eV)

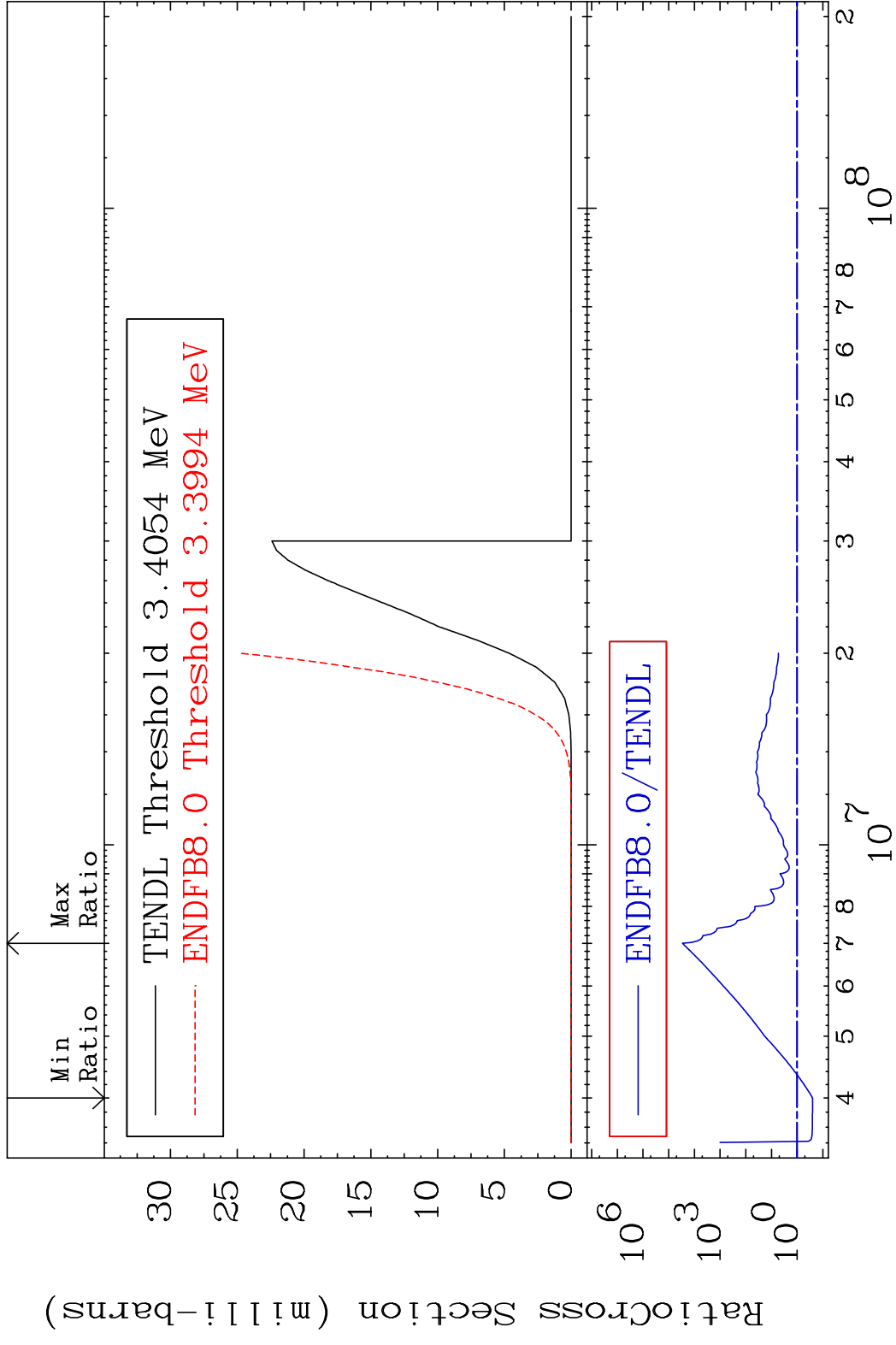
50-Sn-116

MAT 5037

(n, n')  $\alpha$

50-Sn-116

Cross Section -74.75 To 9999. %

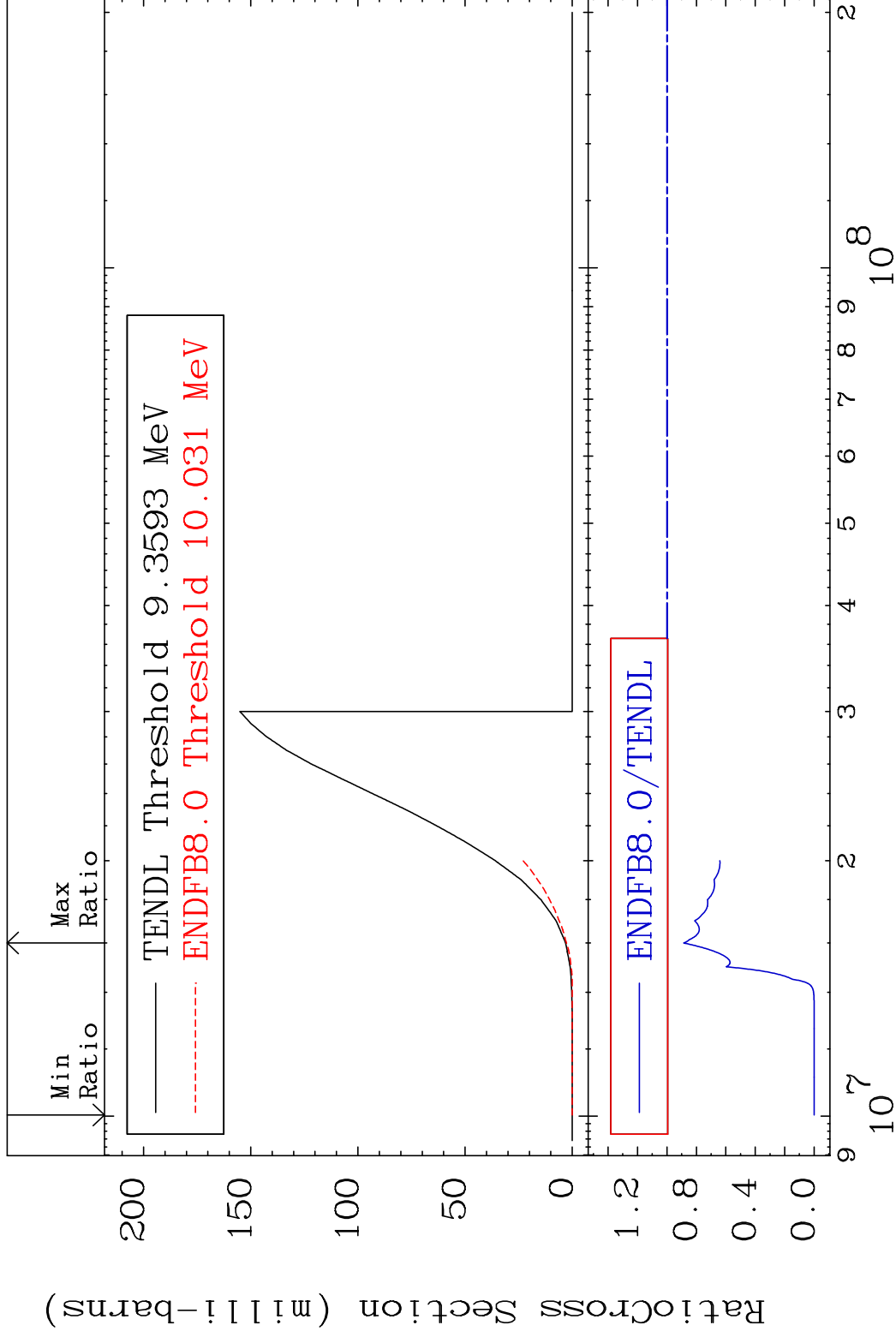


MAT 5037

(n, n') p

50-Sn-116

Cross Section -100.0 To -11.36%



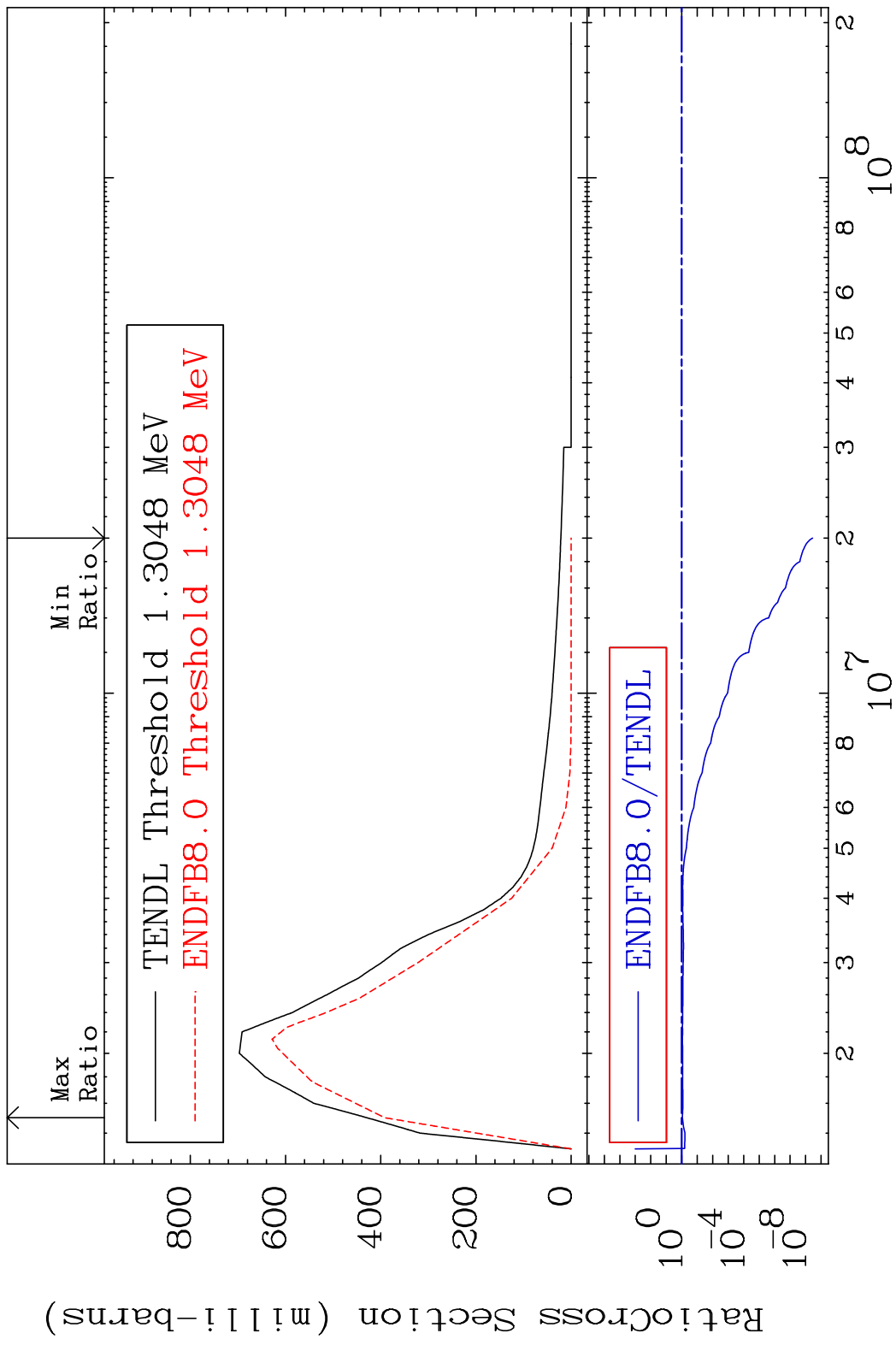
7

Incident Energy (eV)

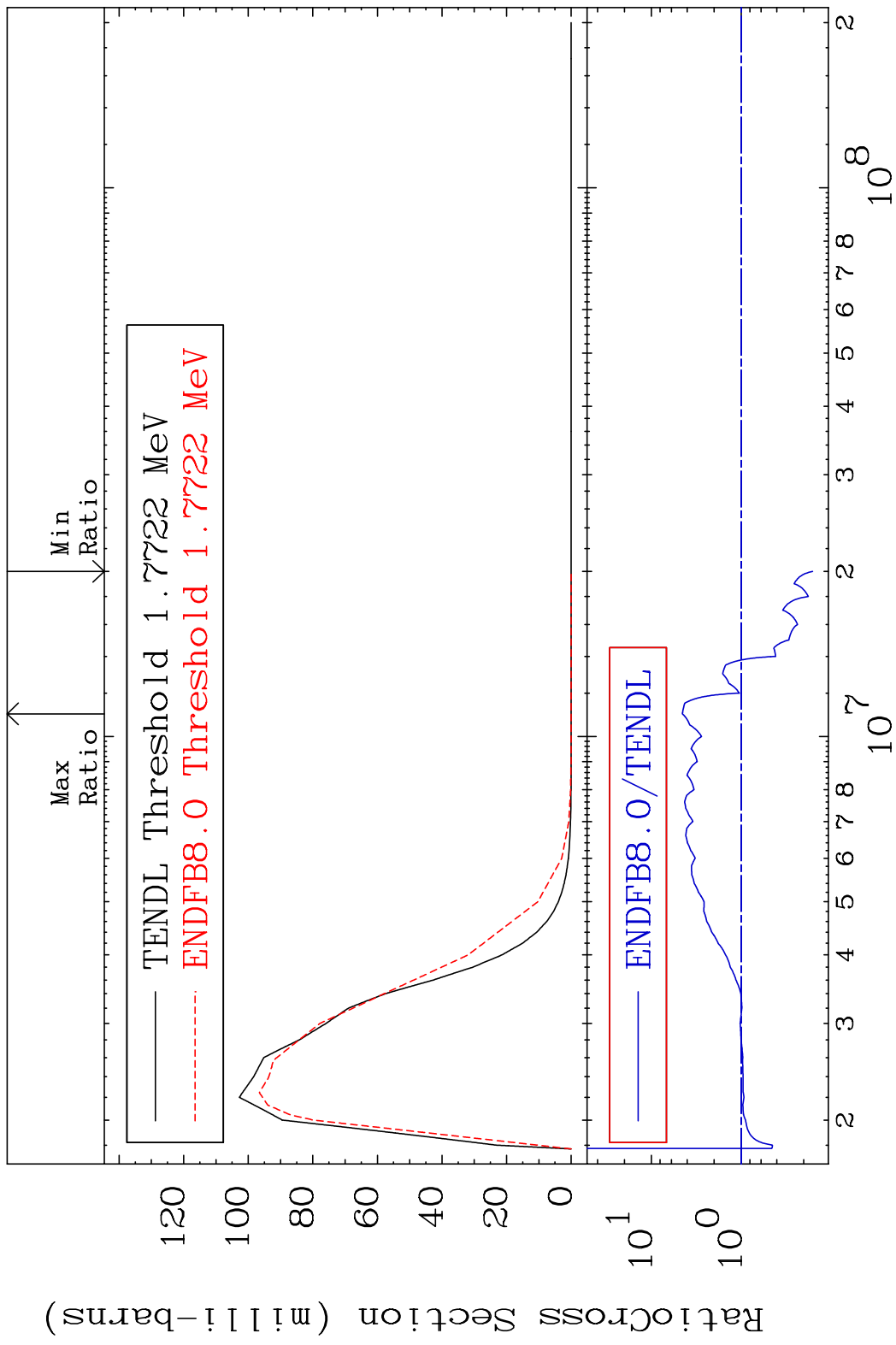
50-Sn-116



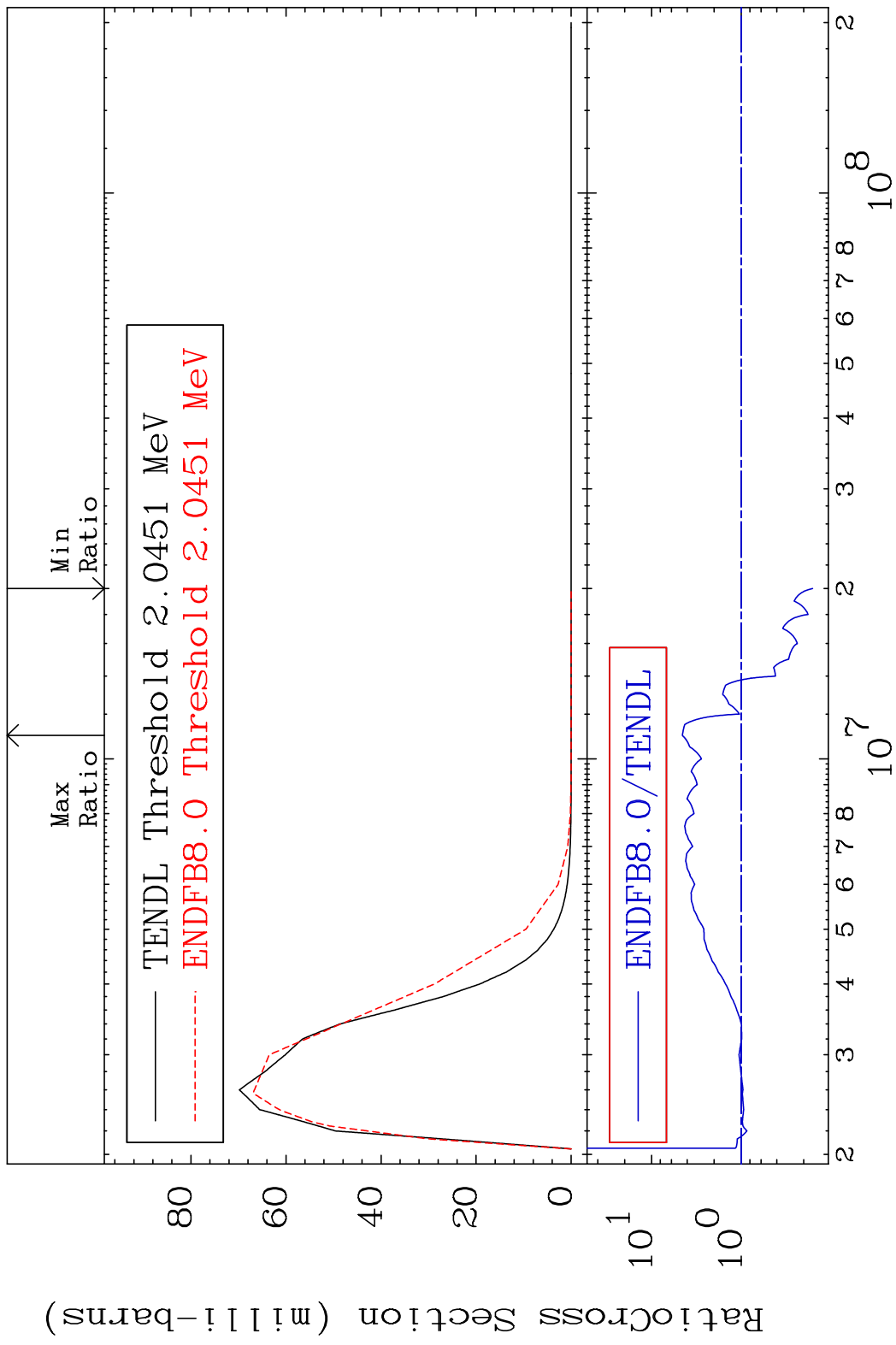
MAT 5037 MT= 51 (n, n') Level 50-Sn-116  
 Cross Section -100.0 To -8.724%



MAT 5037 MT= 52 (n, n') Level 50-Sn-116  
 Cross Section -84.03 To 352.3 %

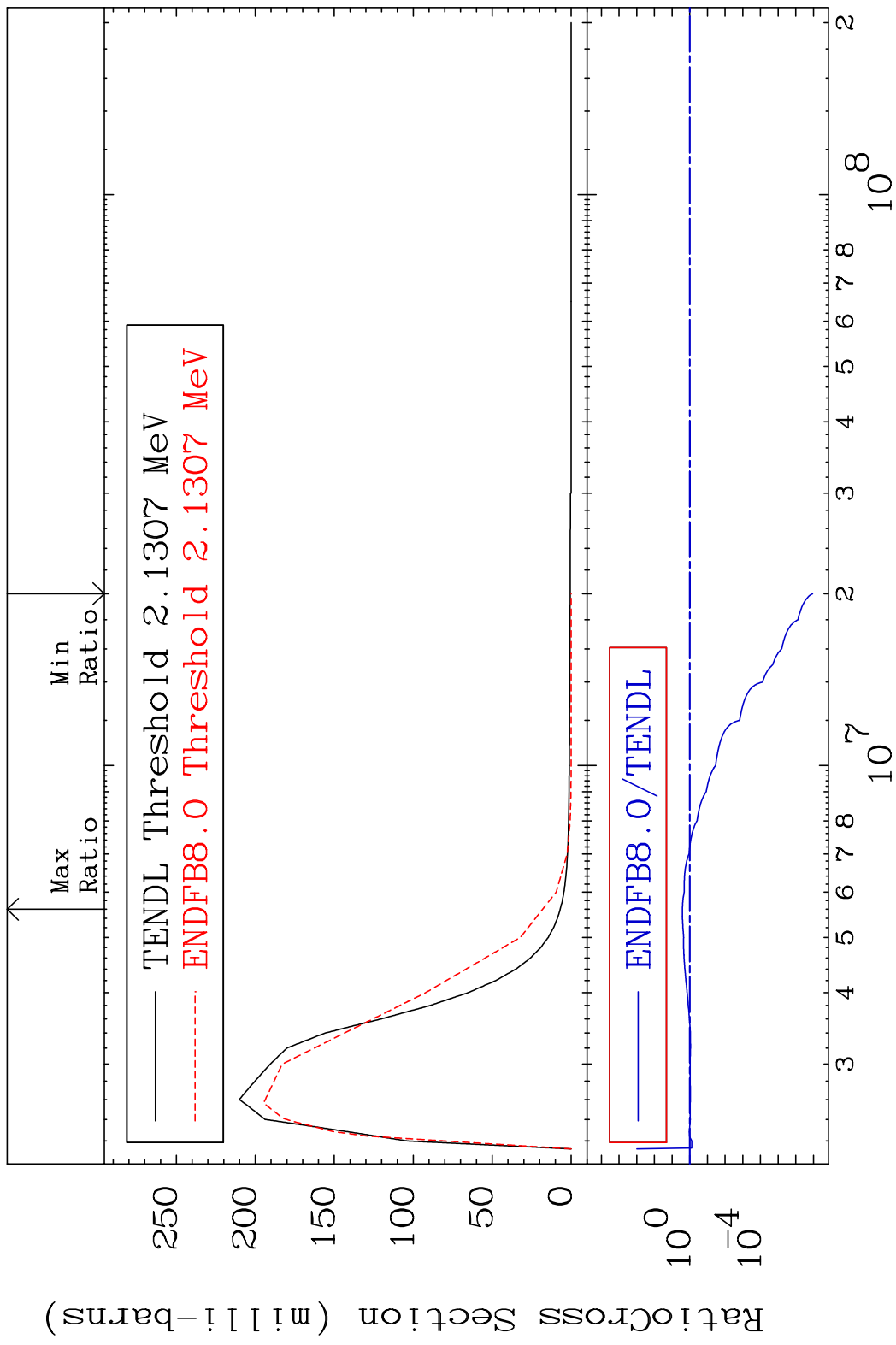


MAT 5037 MT= 53 (n, n') Level 50-Sn-116  
 Cross Section -84.06 To 353.5 %

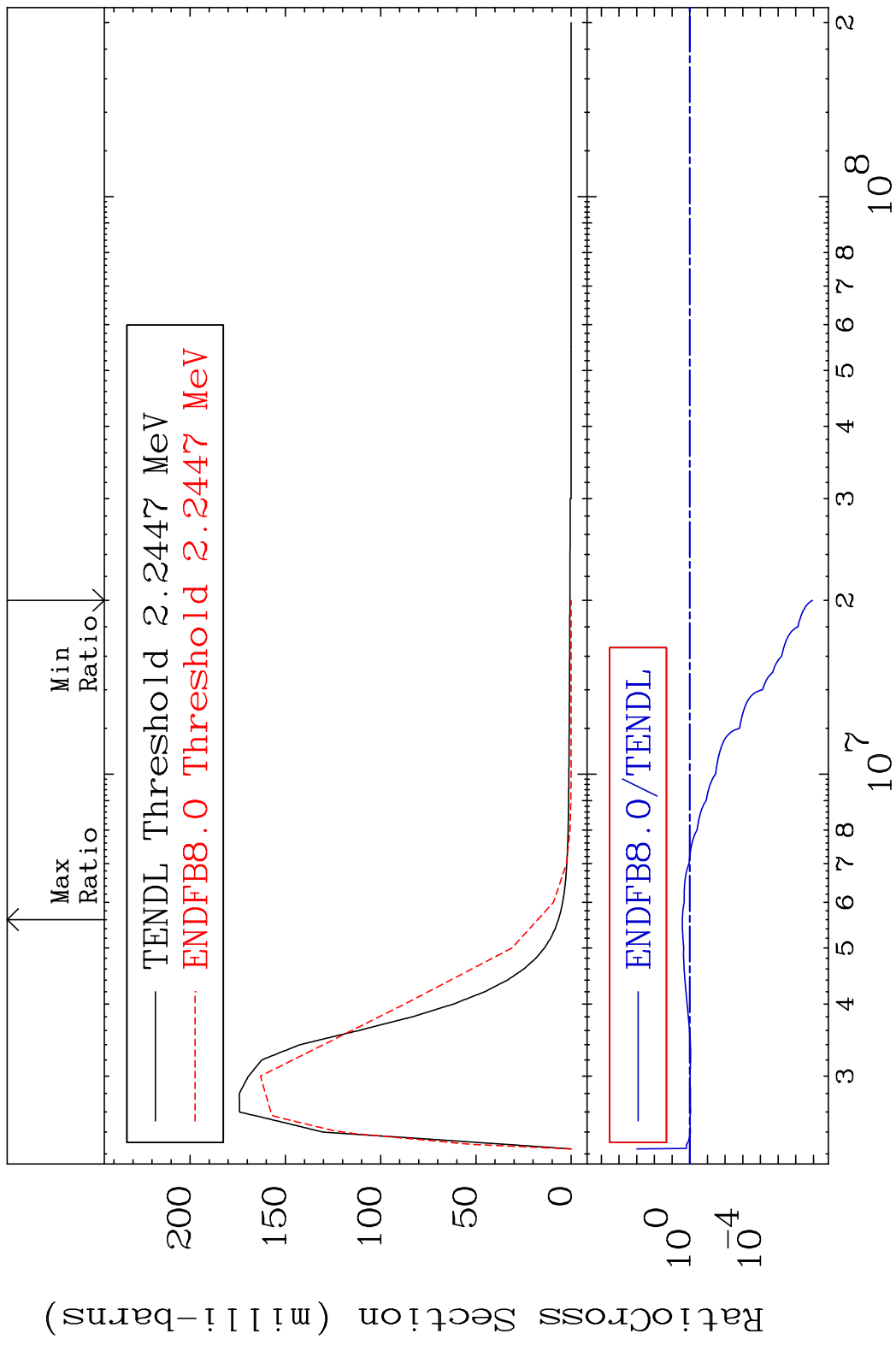


10 Incident Energy (eV) 50-Sn-116

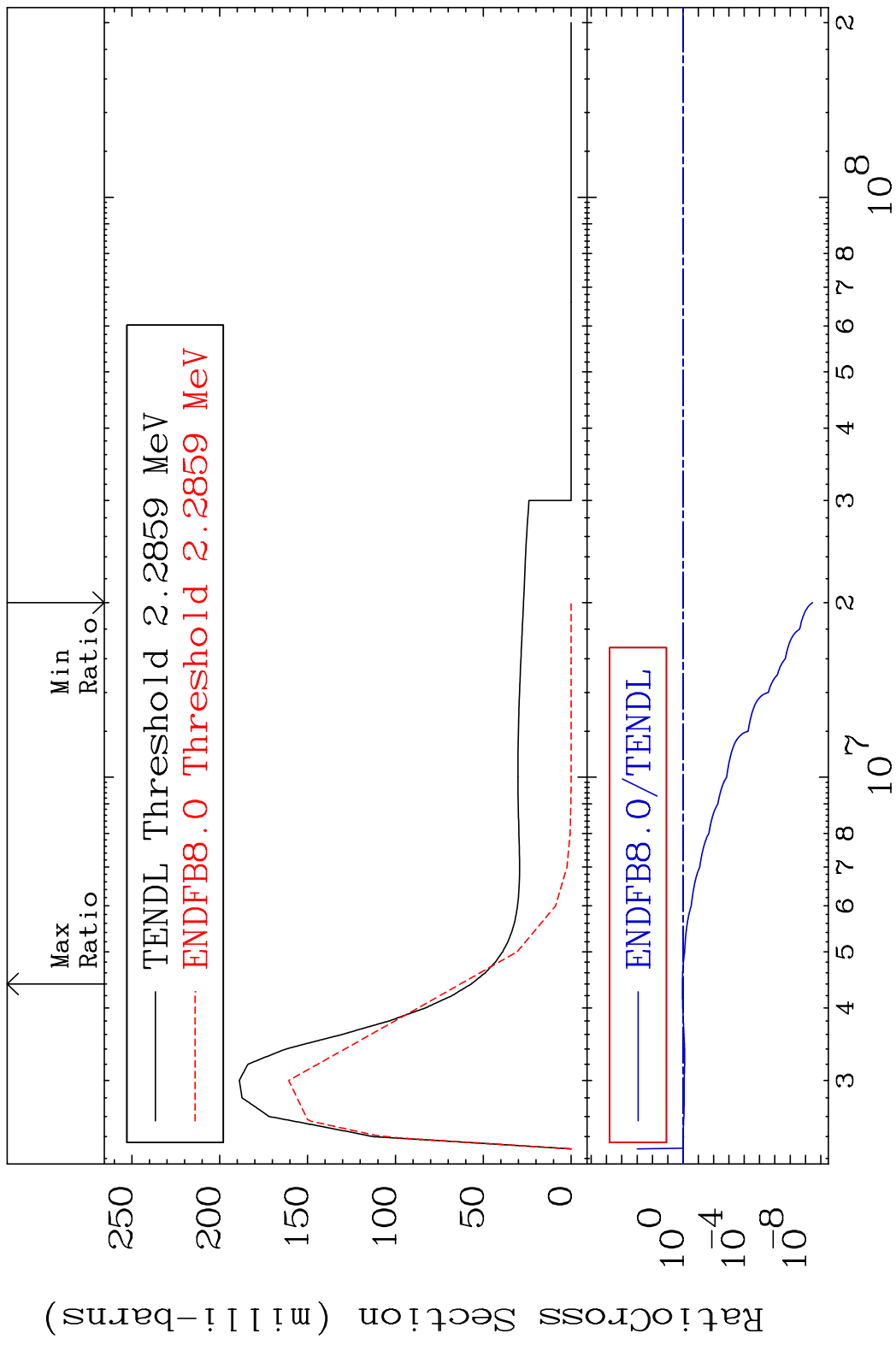
MAT 5037 MT= 54 (n, n') Level 50-Sn-116  
 Cross Section -100.0 To 161.8 %



MAT 5037 MT= 55 (n,n') Level 50-Sn-116  
 Cross Section -100.0 To 162.3 %



MAT 5037 MT= 56 (n,n') Level 50-Sn-116  
 Cross Section -100.0 To 10.86 %

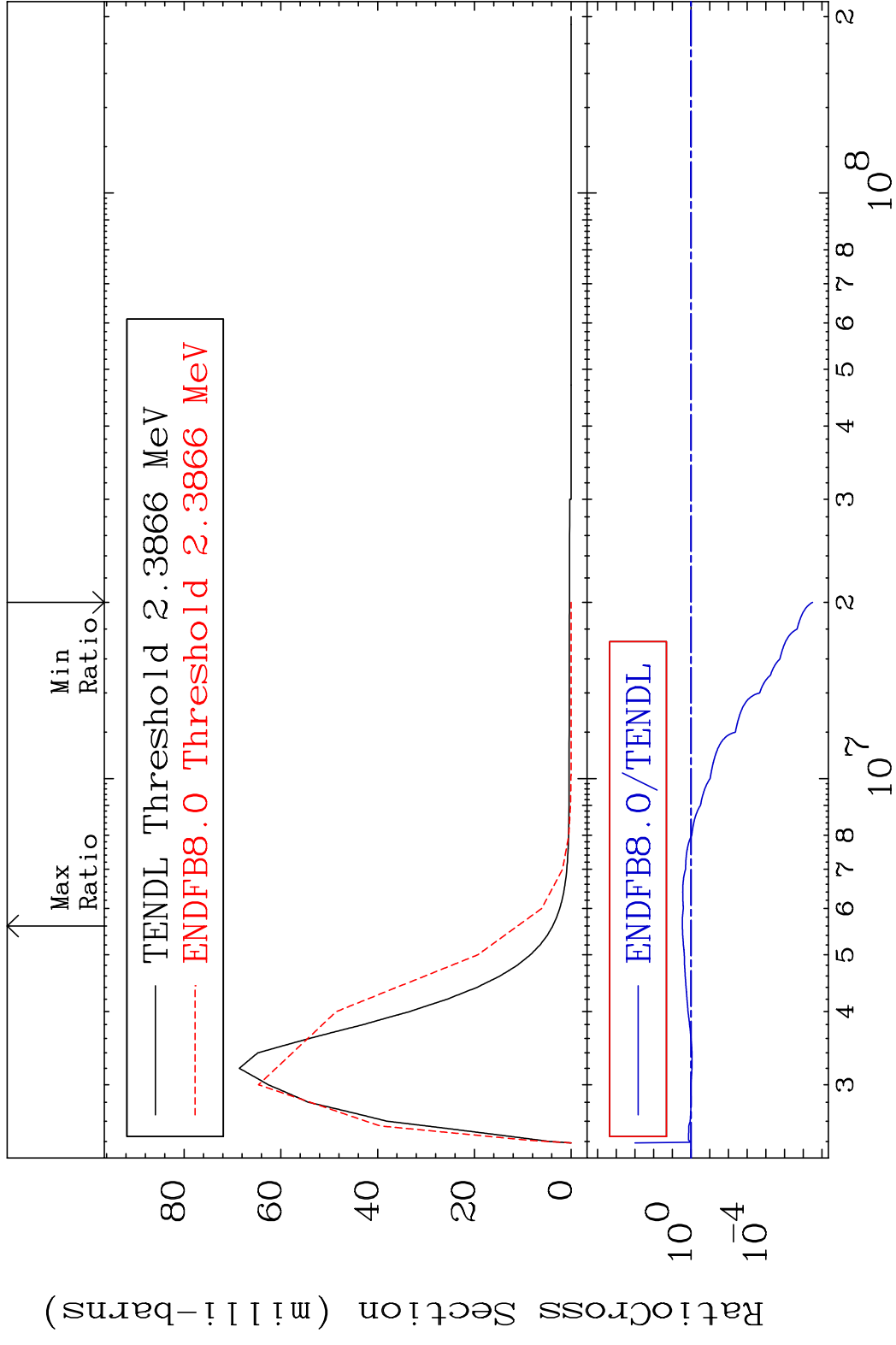


MAT 5037

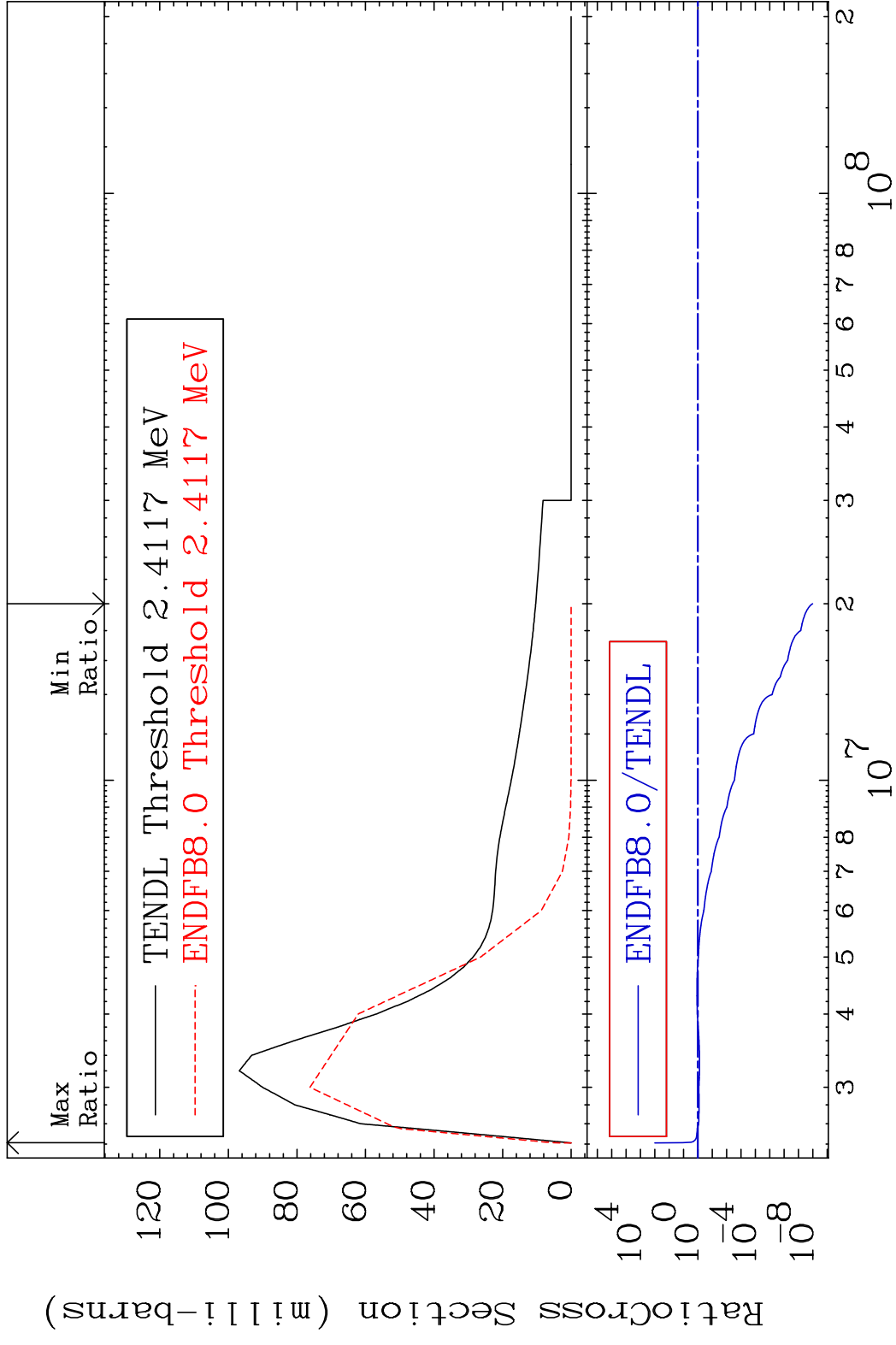
MT= 57 (n,n') Level

50-Sn-116

Cross Section -100.0 To 190.8 %

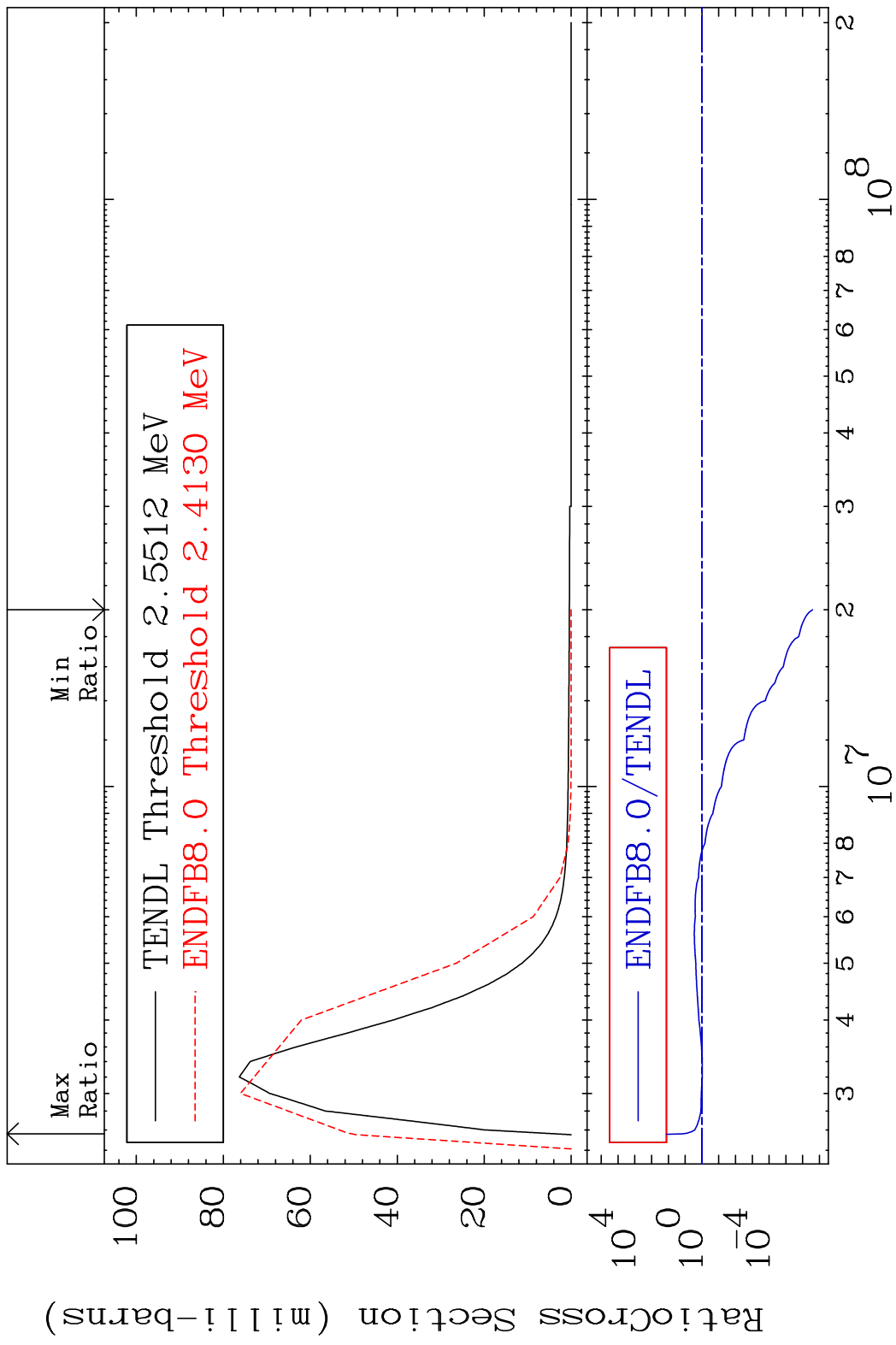


MAT 5037 MT= 58 (n,n') Level 50-Sn-116  
 Cross Section -100.0 To 1089. %



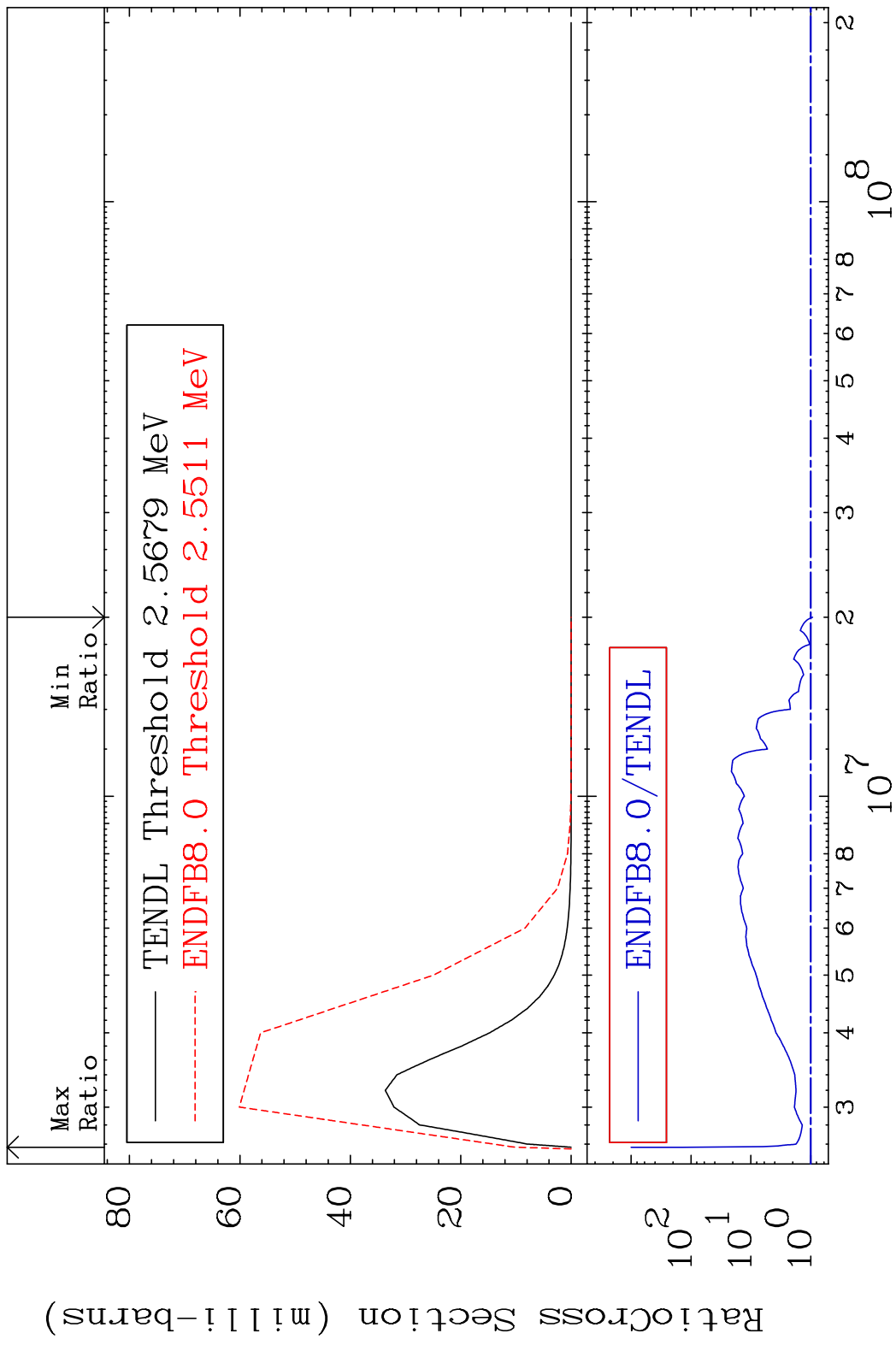


MAT 5037 MT= 59 (n,n') Level 50-Sn-116  
 Cross Section -100.0 To 1369. %



16 Incident Energy (eV) 50-Sn-116

MAT 5037 MT= 60 (n,n') Level 50-Sn-116  
 Cross Section -6.745 To 9999. %



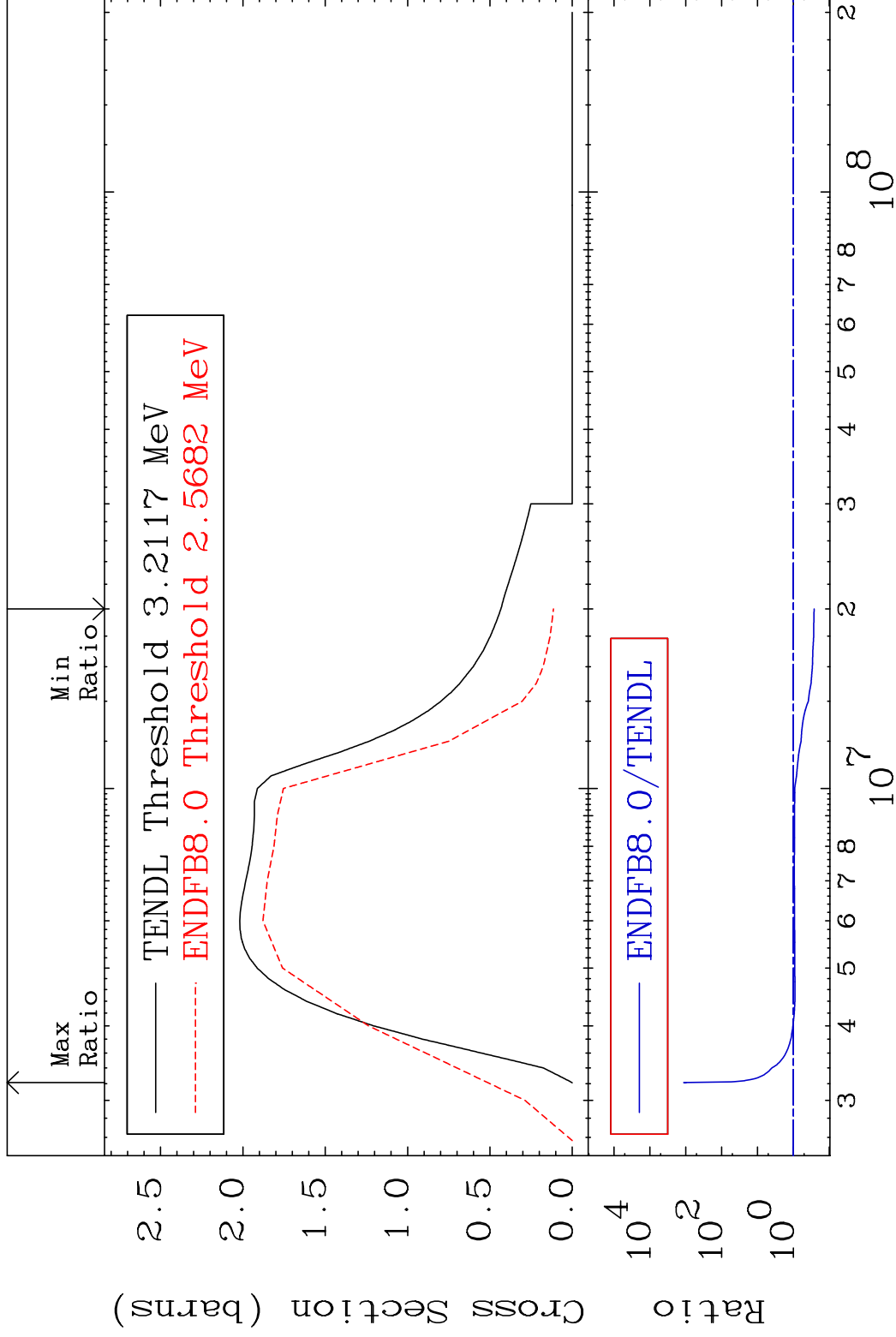
17 50-Sn-116

MAT 5037

(n,n') Continuum

50-Sn-116

Cross Section -73.67 To 9999. %

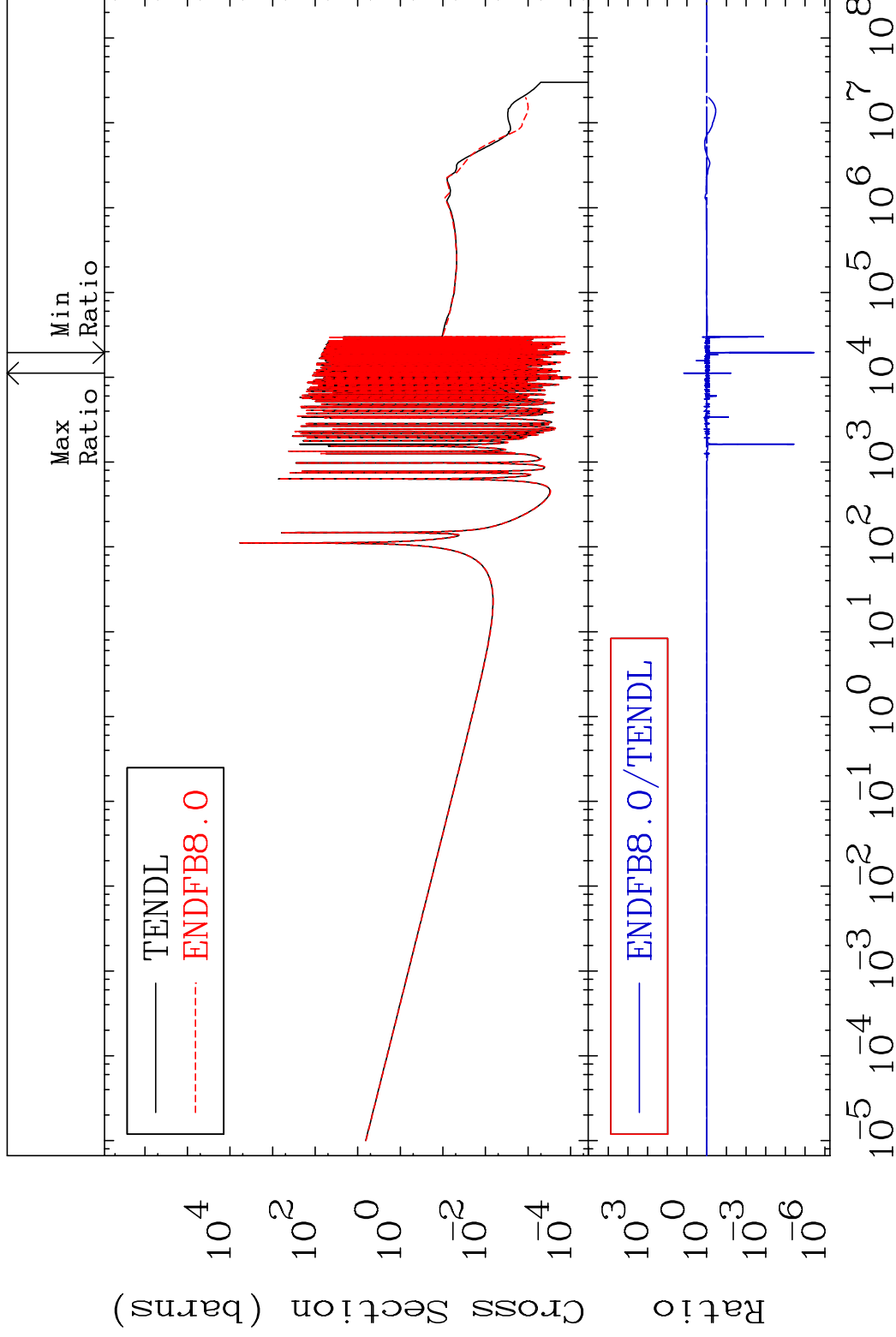


MAT 5037

(n,  $\gamma$ )

50-Sn-116

Cross Section -100.0 To 1370. %



19

Incident Energy (eV)

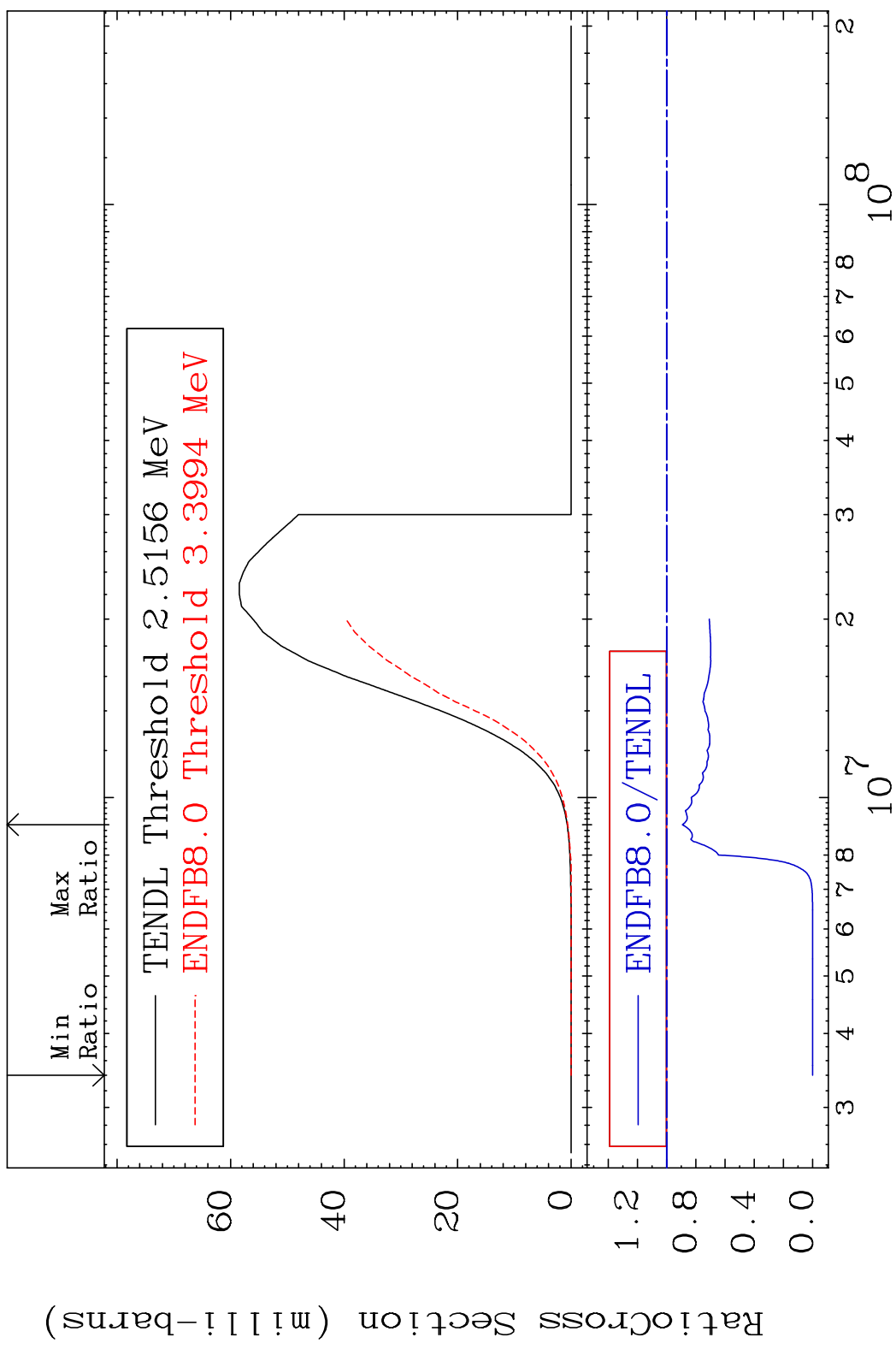
50-Sn-116

MAT 5037

(n,p)

50-Sn-116

Cross Section -100.0 To -10.73%



20

Incident Energy (eV)

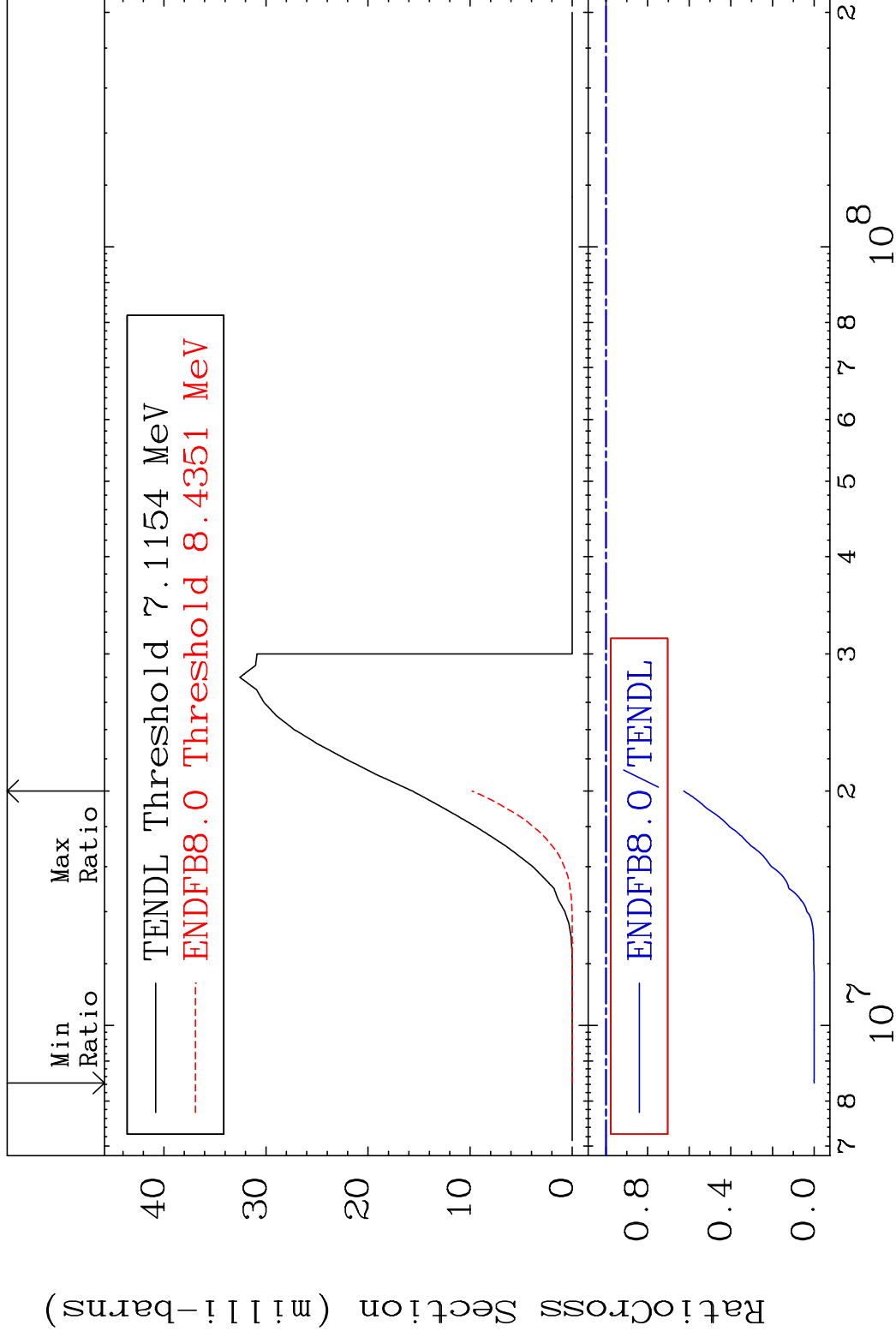
50-Sn-116

MAT 5037

(n,d)

50-Sn-116

Cross Section -100.0 To -37.33%



21

Incident Energy (eV)

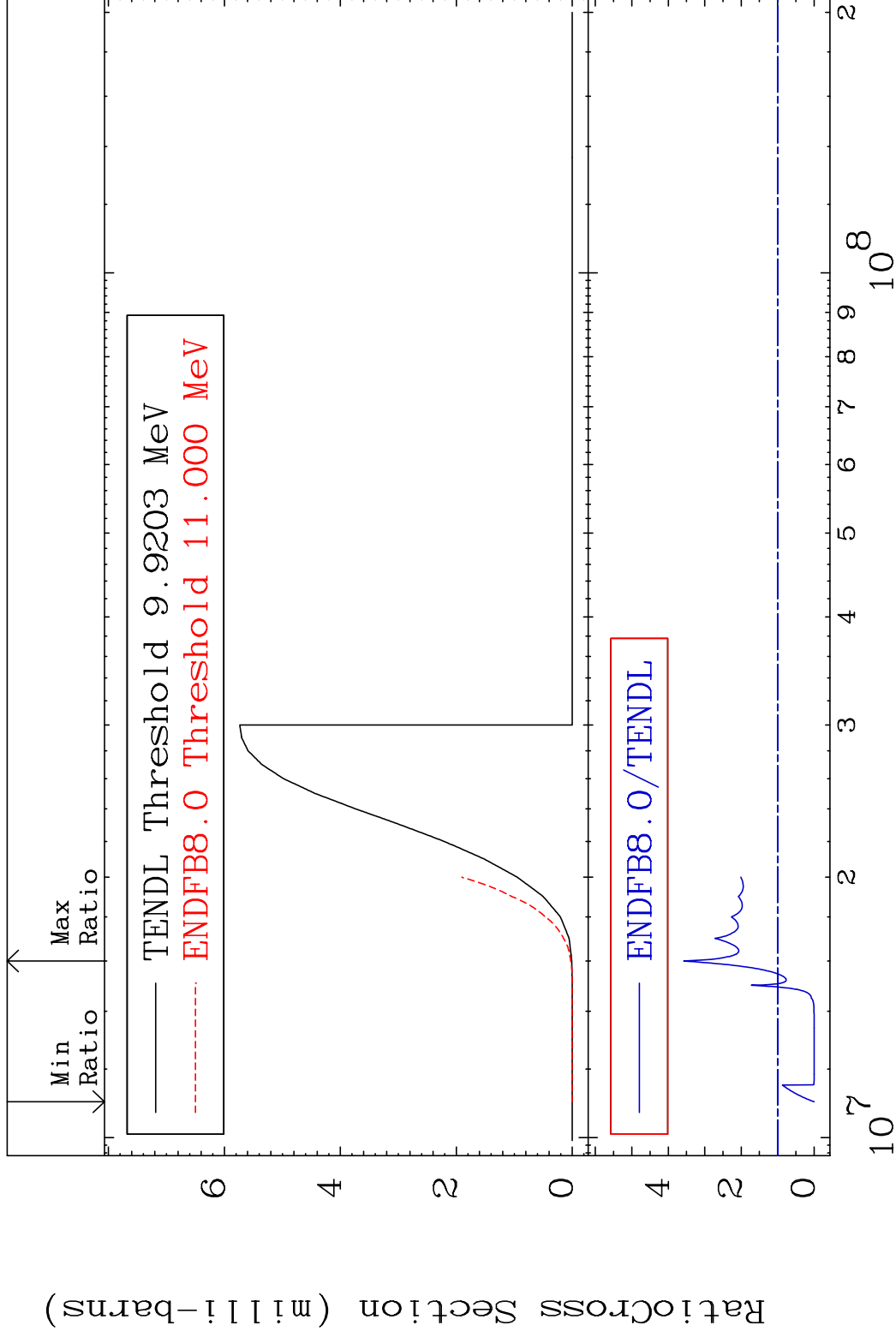
50-Sn-116

MAT 5037

(n, t)

50-Sn-116

Cross Section -100.0 To 257.8 %



22

Incident Energy (eV)

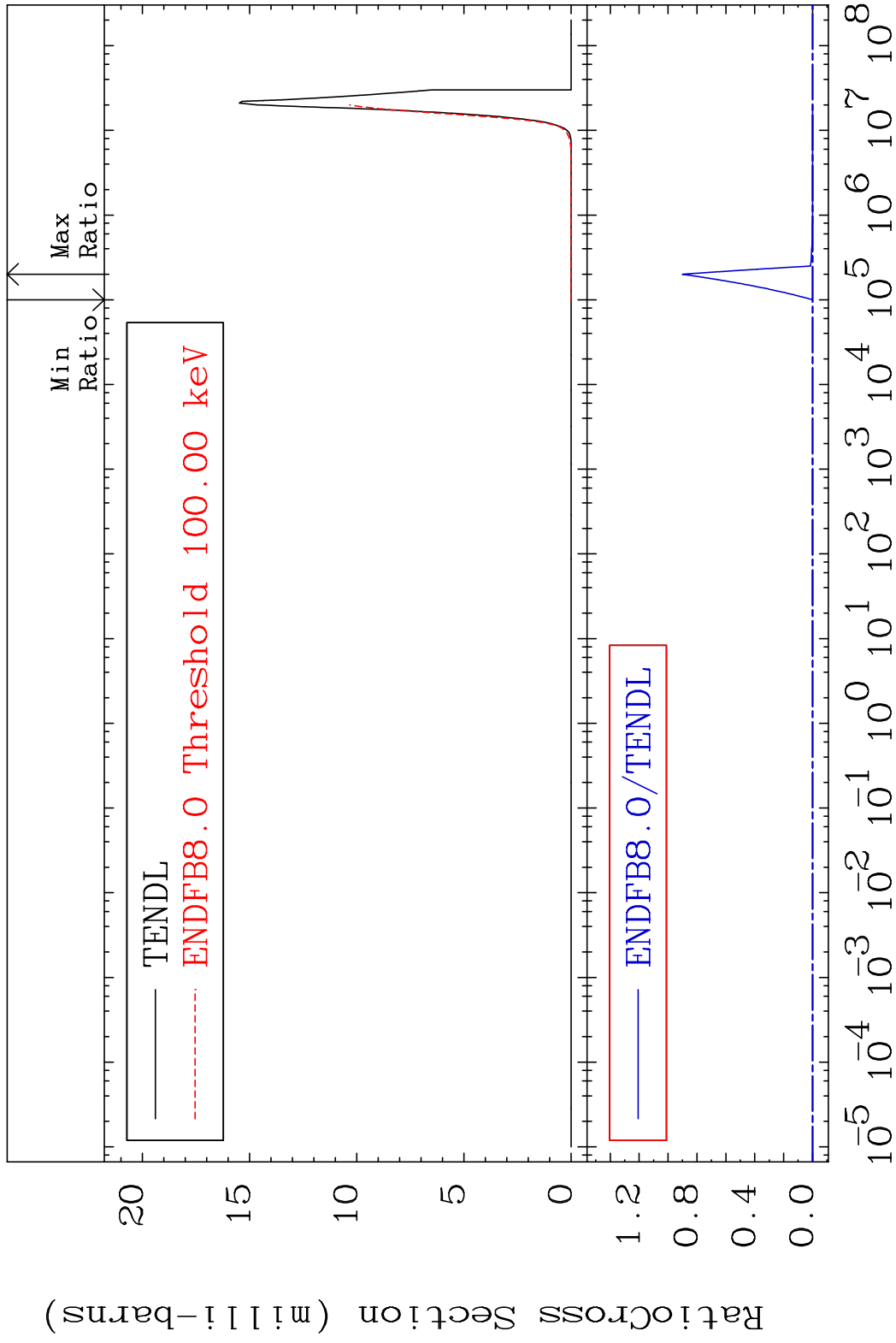
50-Sn-116

MAT 5037

(n,  $\alpha$ )

50-Sn-116

Cross Section -100.0 To 9999. %

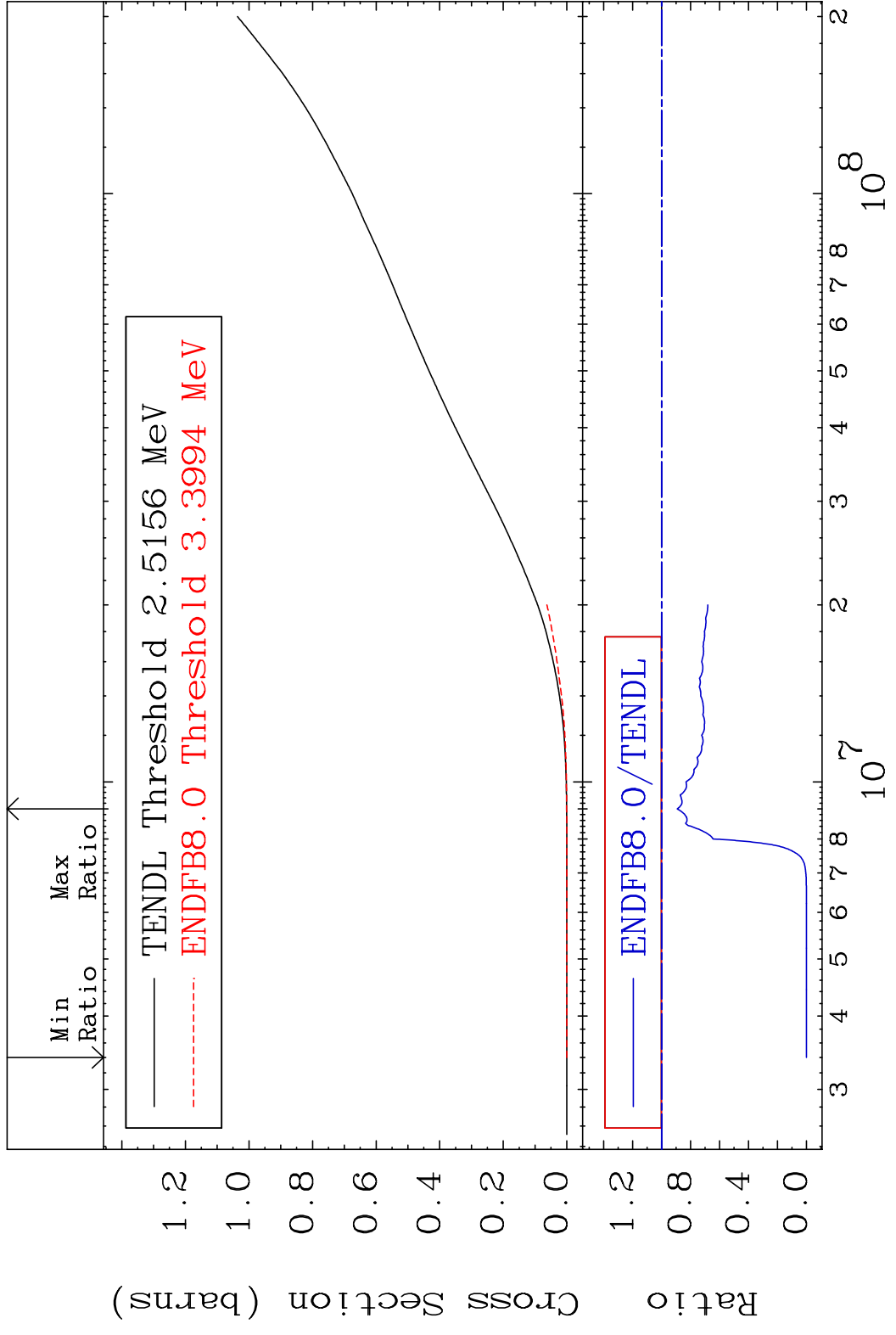


23

Incident Energy (eV)

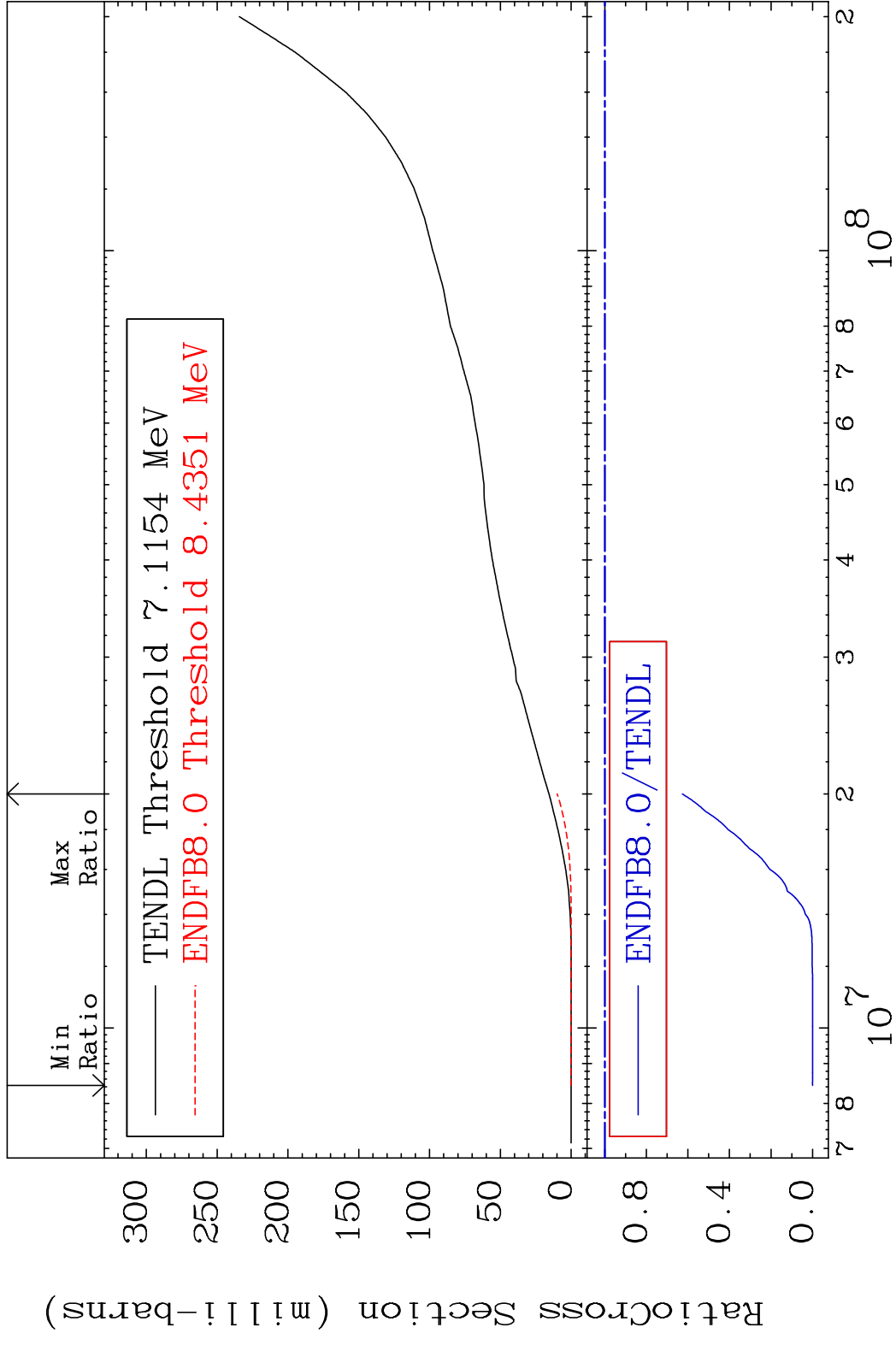
50-Sn-116





MAT 5037

Deuterium Production 50-Sn-116  
Cross Section -100.0 To -37.33%



25

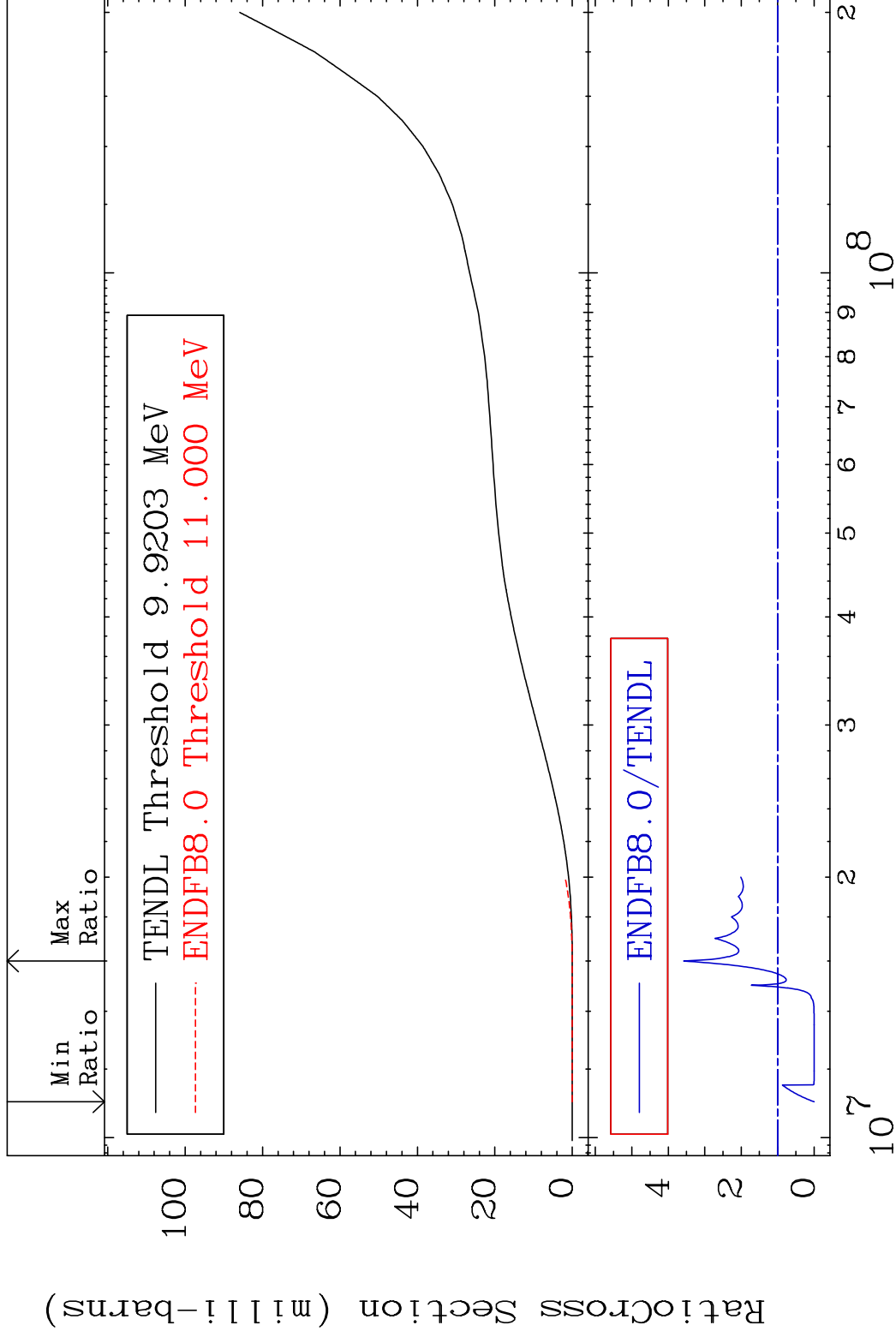
Incident Energy (eV) 50-Sn-116

MAT 5037

Tritium Production

50-Sn-116

Cross Section -100.0 To 257.8 %



26

Incident Energy (eV)

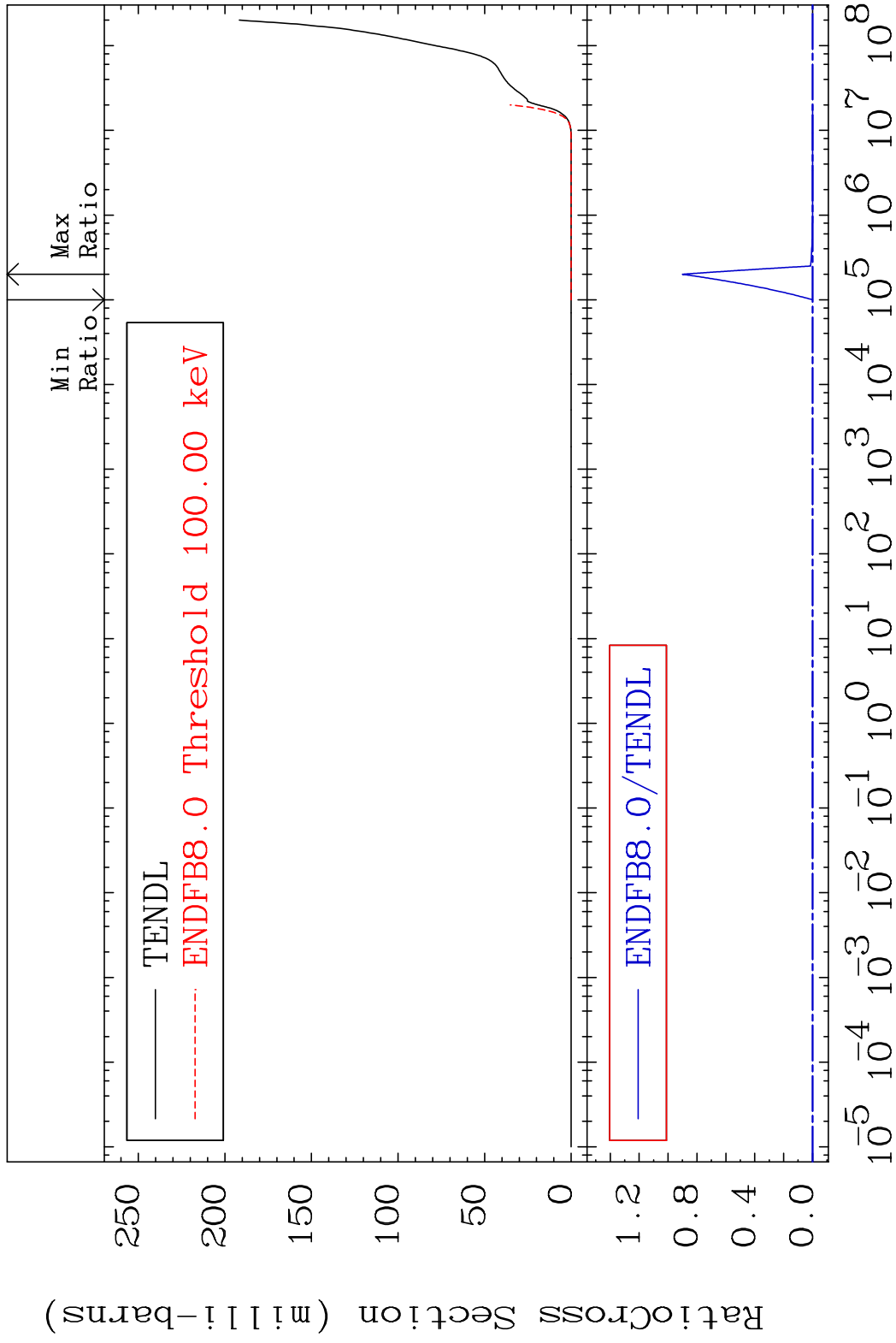
50-Sn-116

MAT 5037

He-4 Production

50-Sn-116

Cross Section -100.0 To 9999. %

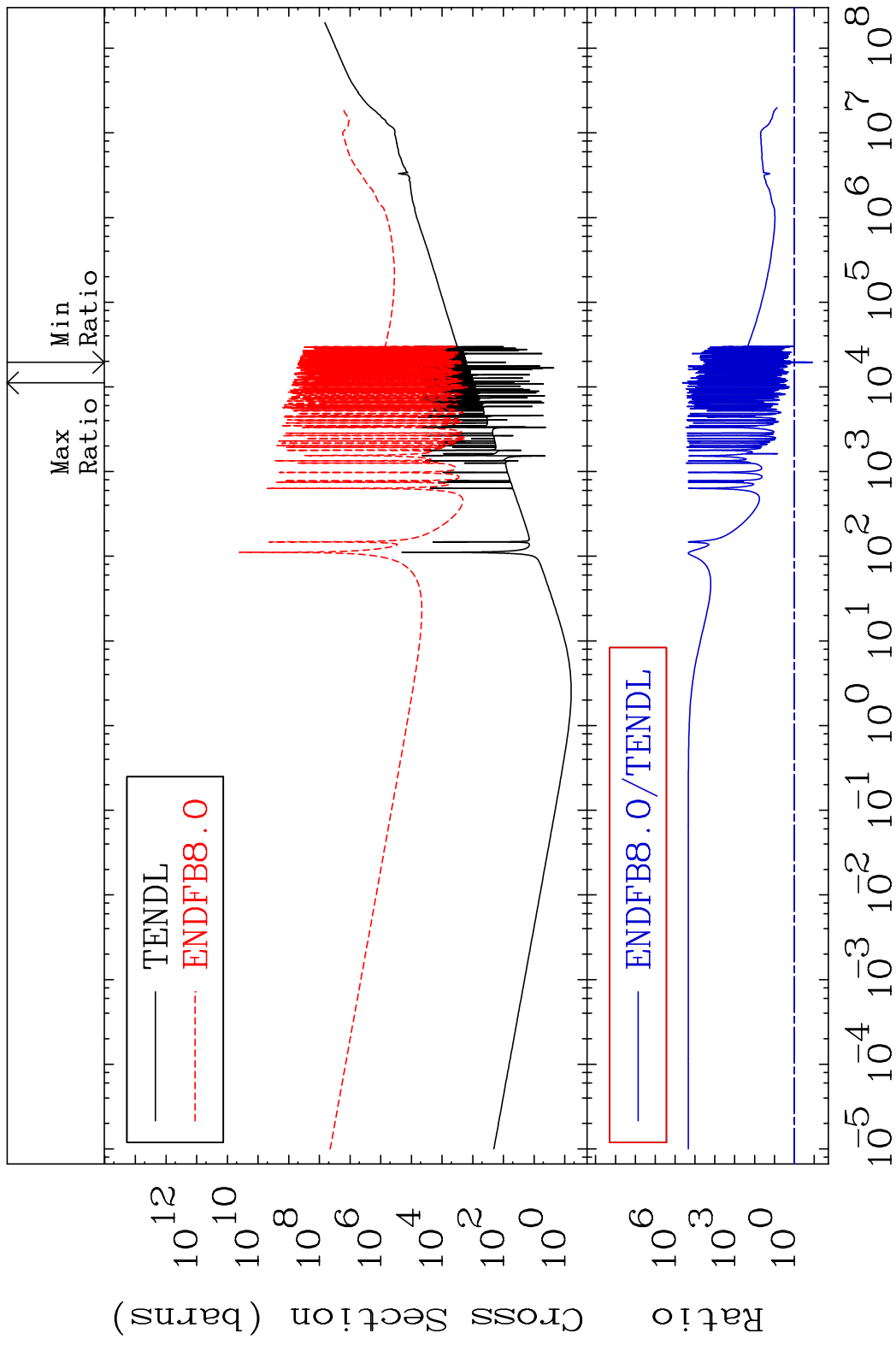


27

Incident Energy (eV)

50-Sn-116

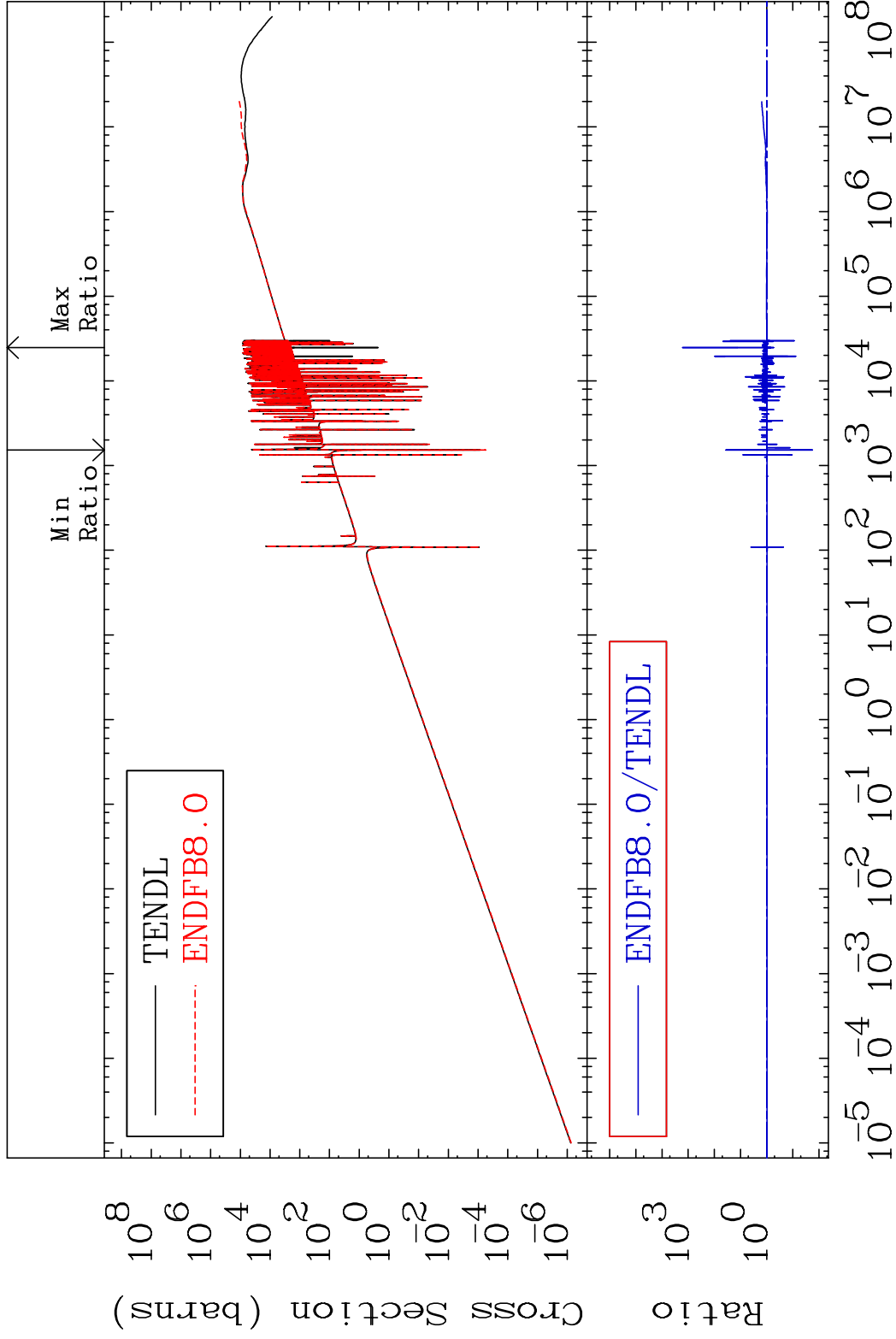
MAT 5037 Kerma total (eV-barns) 50-Sn-116  
 Cross Section -87.90 To 9999. %



MAT 5037

Kerma elastic  
Cross Section

50-Sn-116  
-98.24 To 9999. %

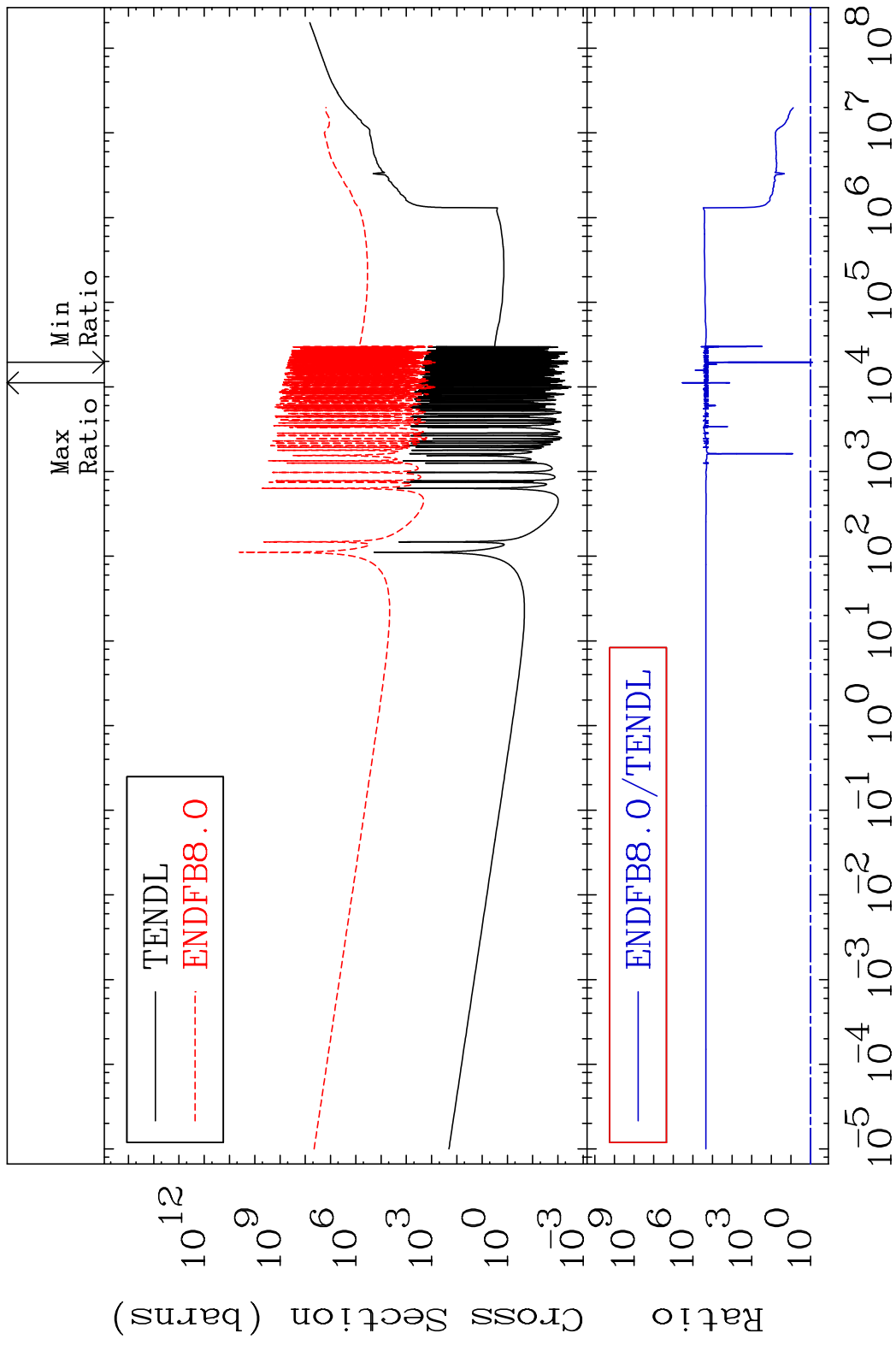


29

Incident Energy (eV)

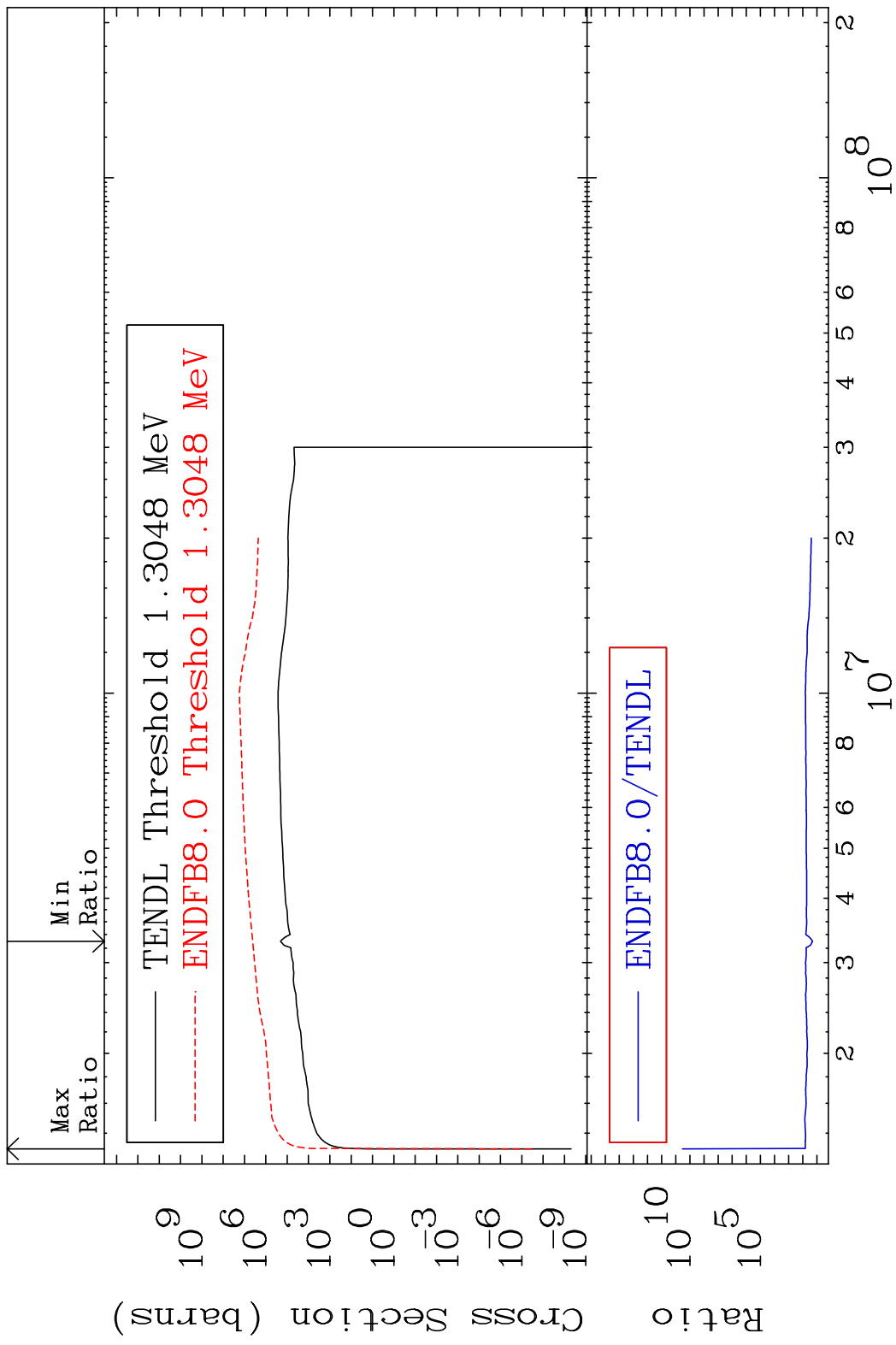
50-Sn-116

MAT 5037 Kerma non-elastic (all but mt2) 50-Sn-116  
 Cross Section -20.35 To 9999. %



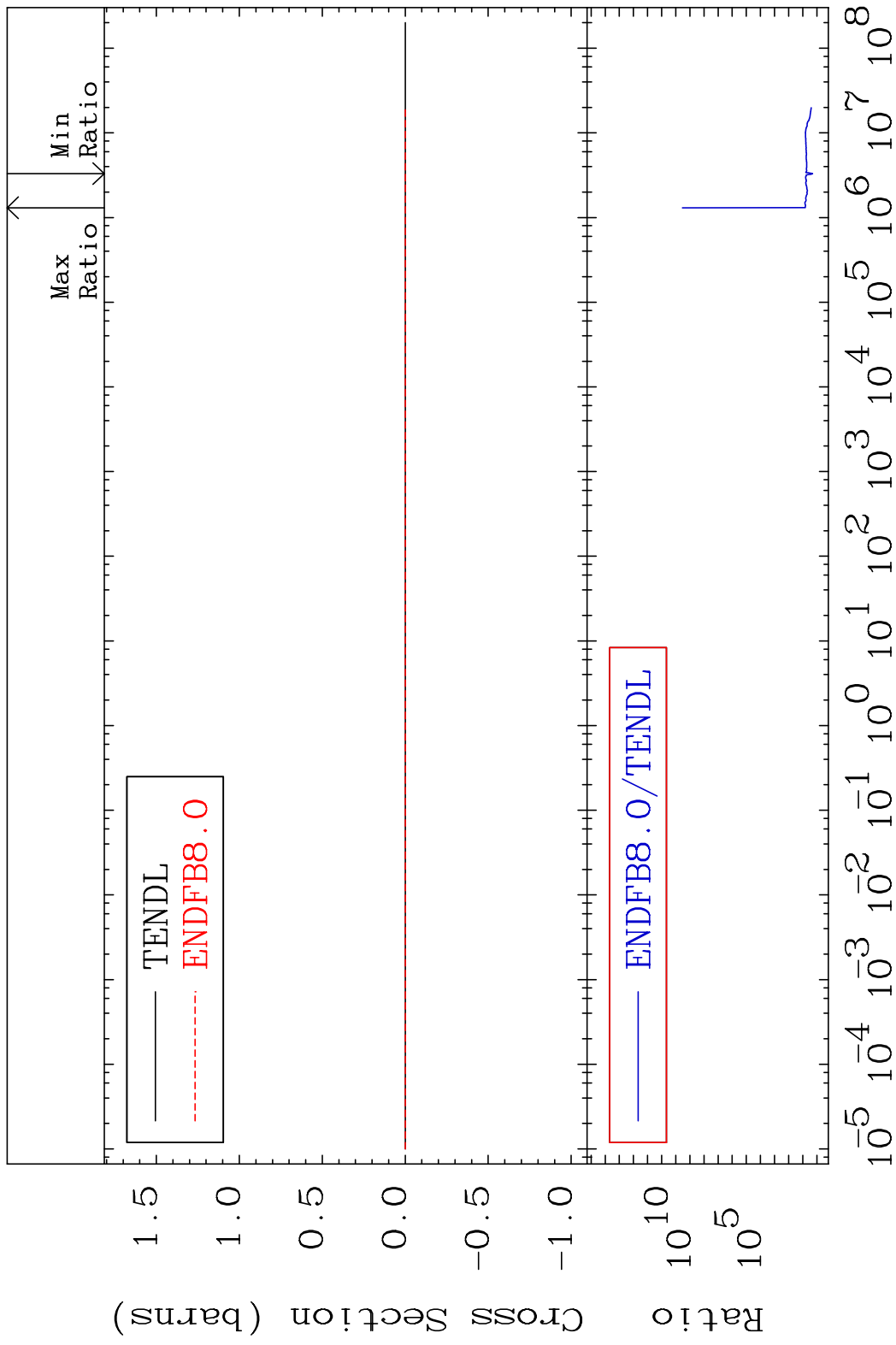
30 Incident Energy (eV) 50-Sn-116

MAT 5037 Kerma inelastic (mt51-91) 50-Sn-116  
 Cross Section 1925. To 9999. %



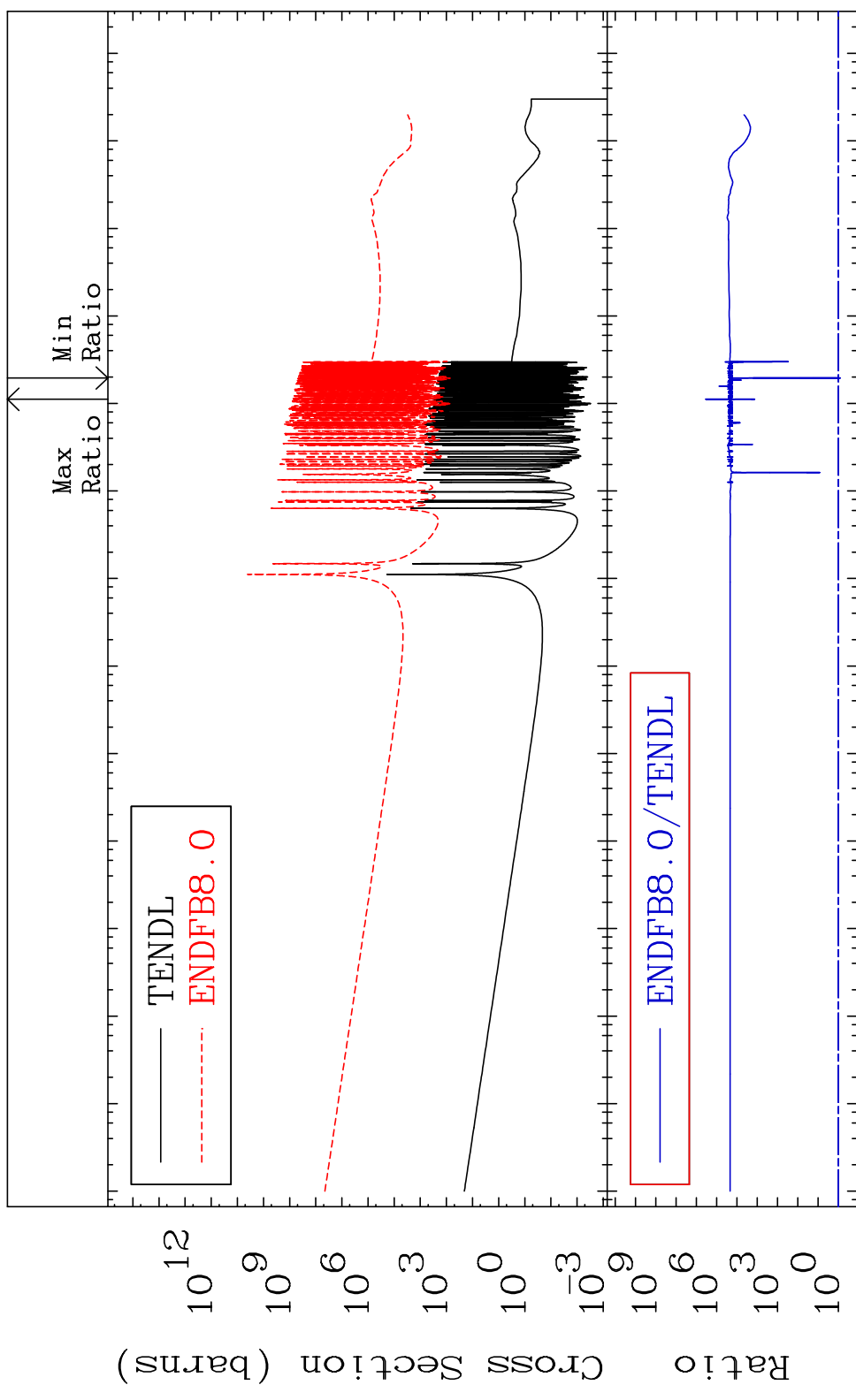


MAT 5037 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-116  
 Cross Section 1925. To 9999. %



MAT 5037

Kerma capture (mt102) 50-Sn-116  
Cross Section -20.35 To 9999. %

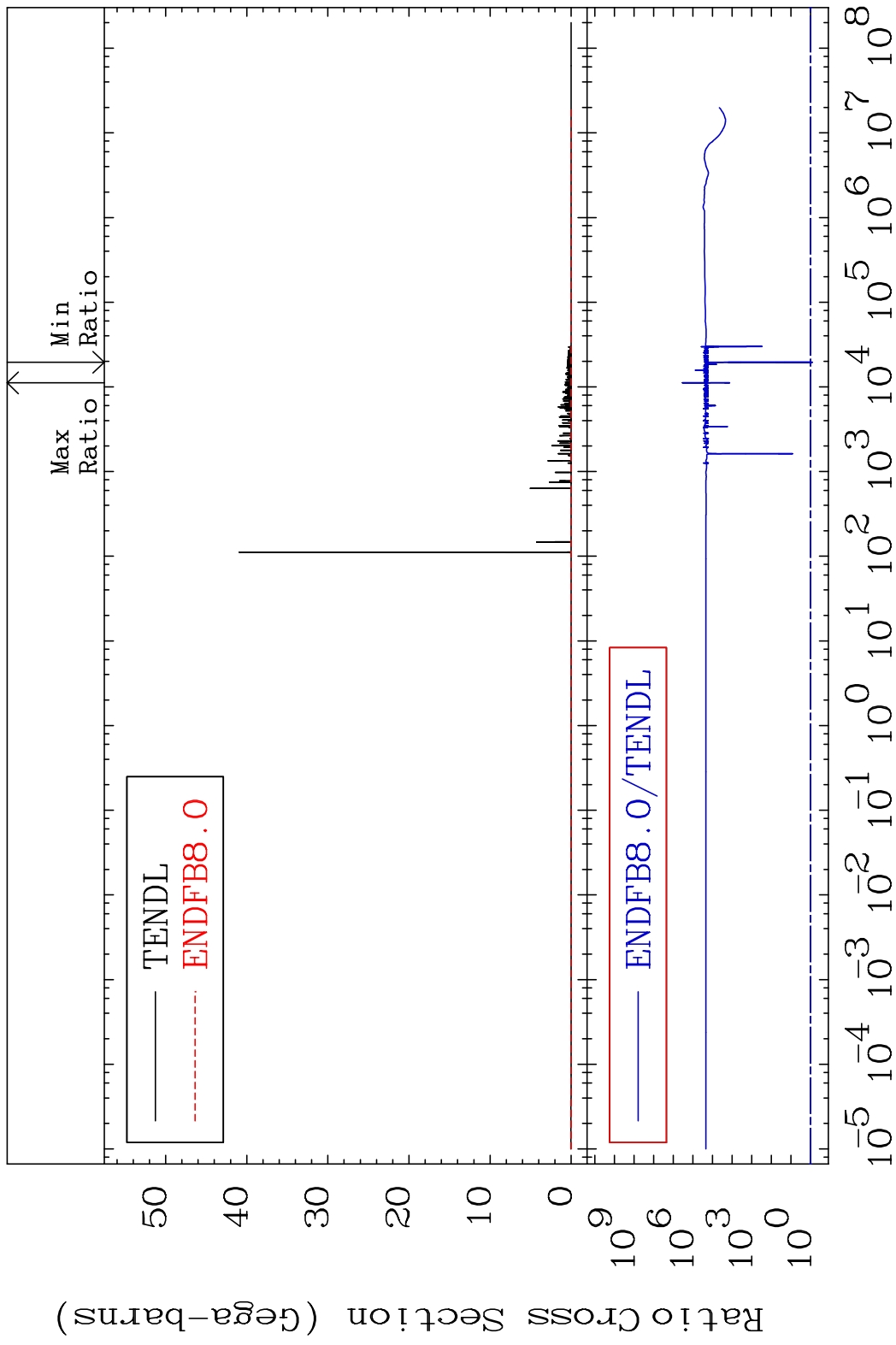


10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

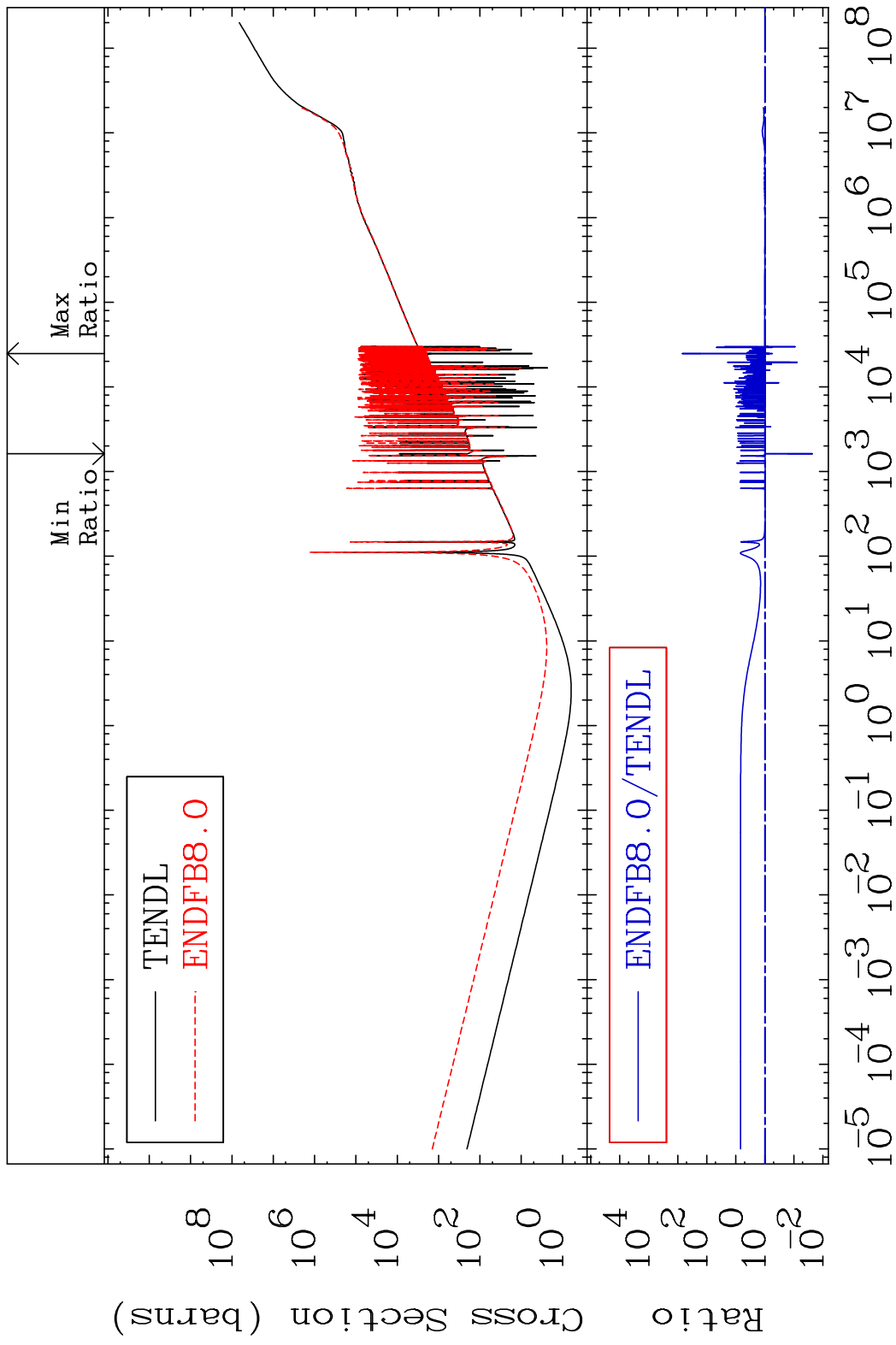
33

Incident Energy (eV) 50-Sn-116

MAT 5037 Total photon (eV-barns) 50-Sn-116  
 Cross Section -20.35 To 9999. %



MAT 5037 Total kinematic kerma (high limit) 50-Sn-116  
 Cross Section -97.73 To 9999. %

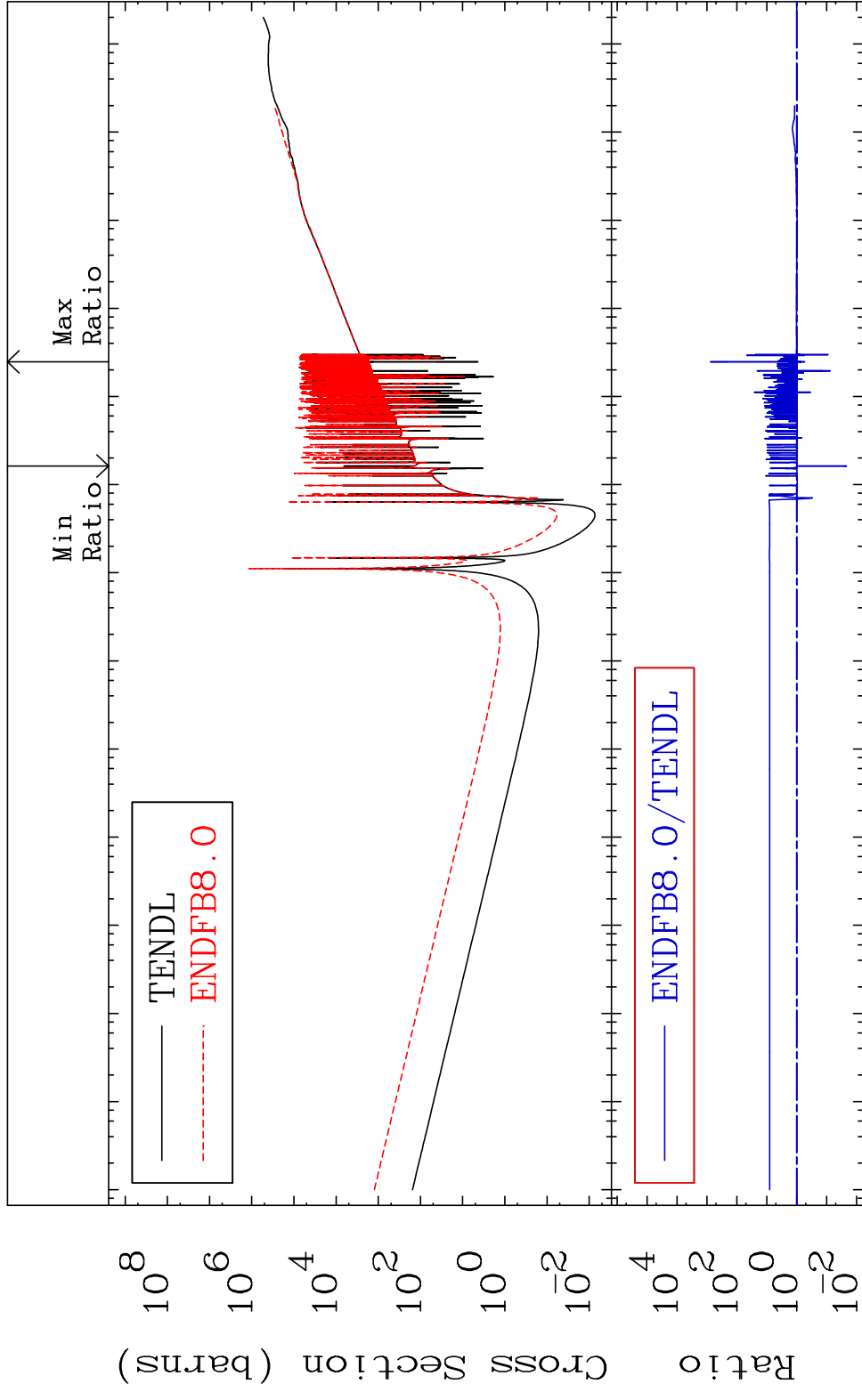


MAT 5037

Dpa total (eV-barns)

50-Sn-116

Cross Section -97.80 To 9999. %

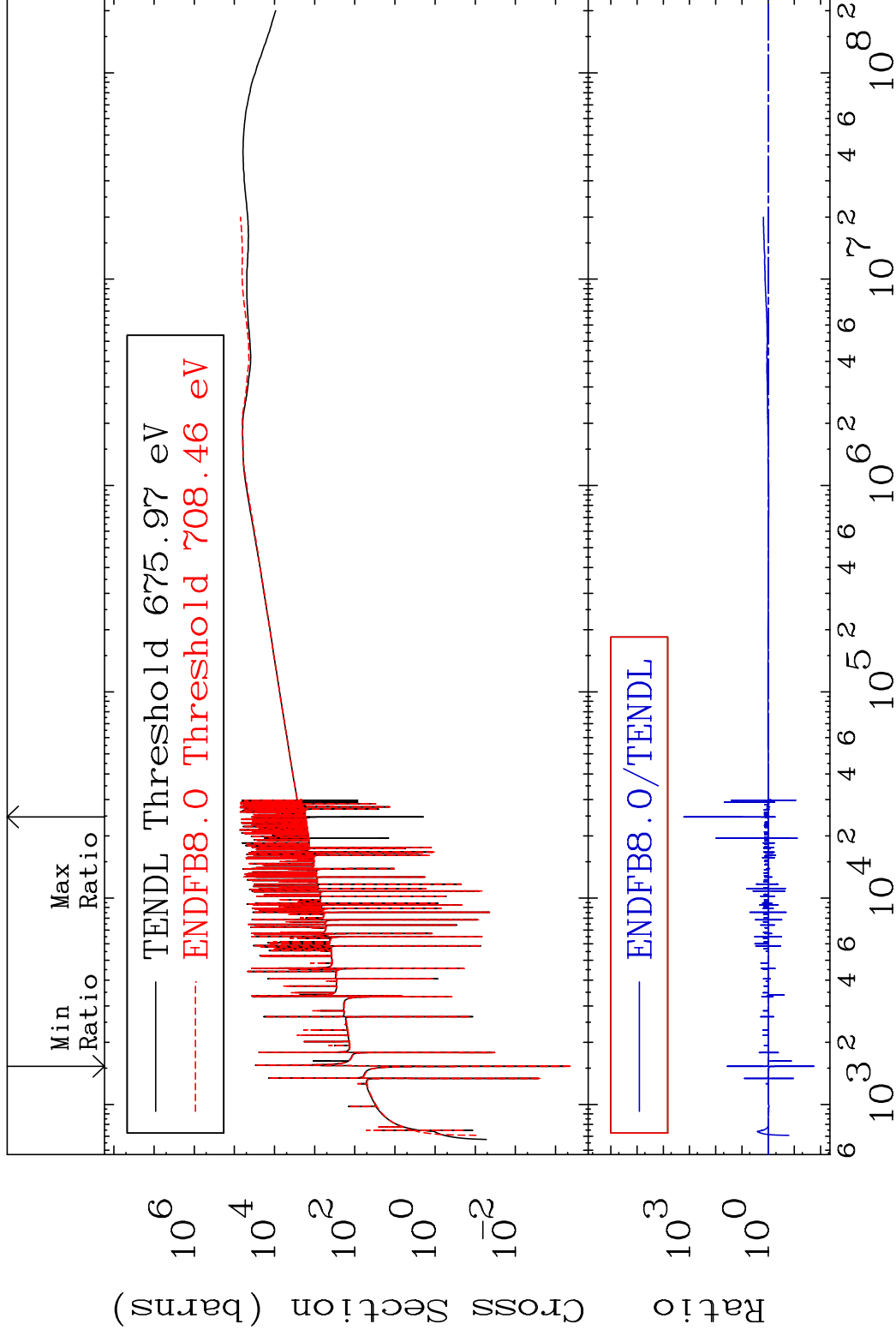


MAT 5037

Dpa elastic (mt2)

50-Sn-116

Cross Section -98.24 To 9999. %

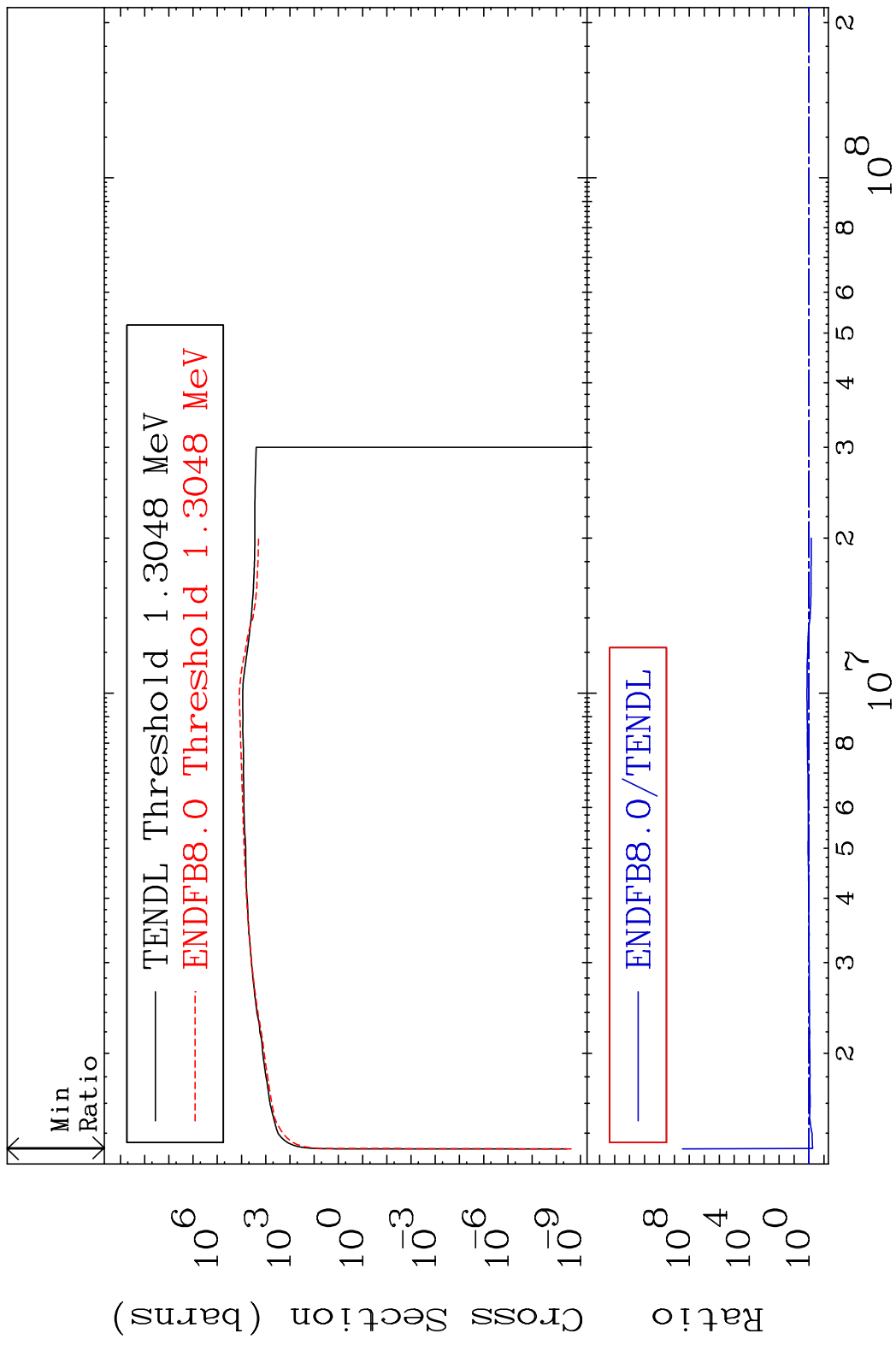


37

Incident Energy (eV)

50-Sn-116

MAT 5037 Dpa inelastic (mt51-91) 50-Sn-116  
 Cross Section -42.33 To 9999. %



MAT 5037 Dpa disappearance (mt102 -120) 50-Sn-116  
 Cross Section -99.99 To 9999. %

