

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

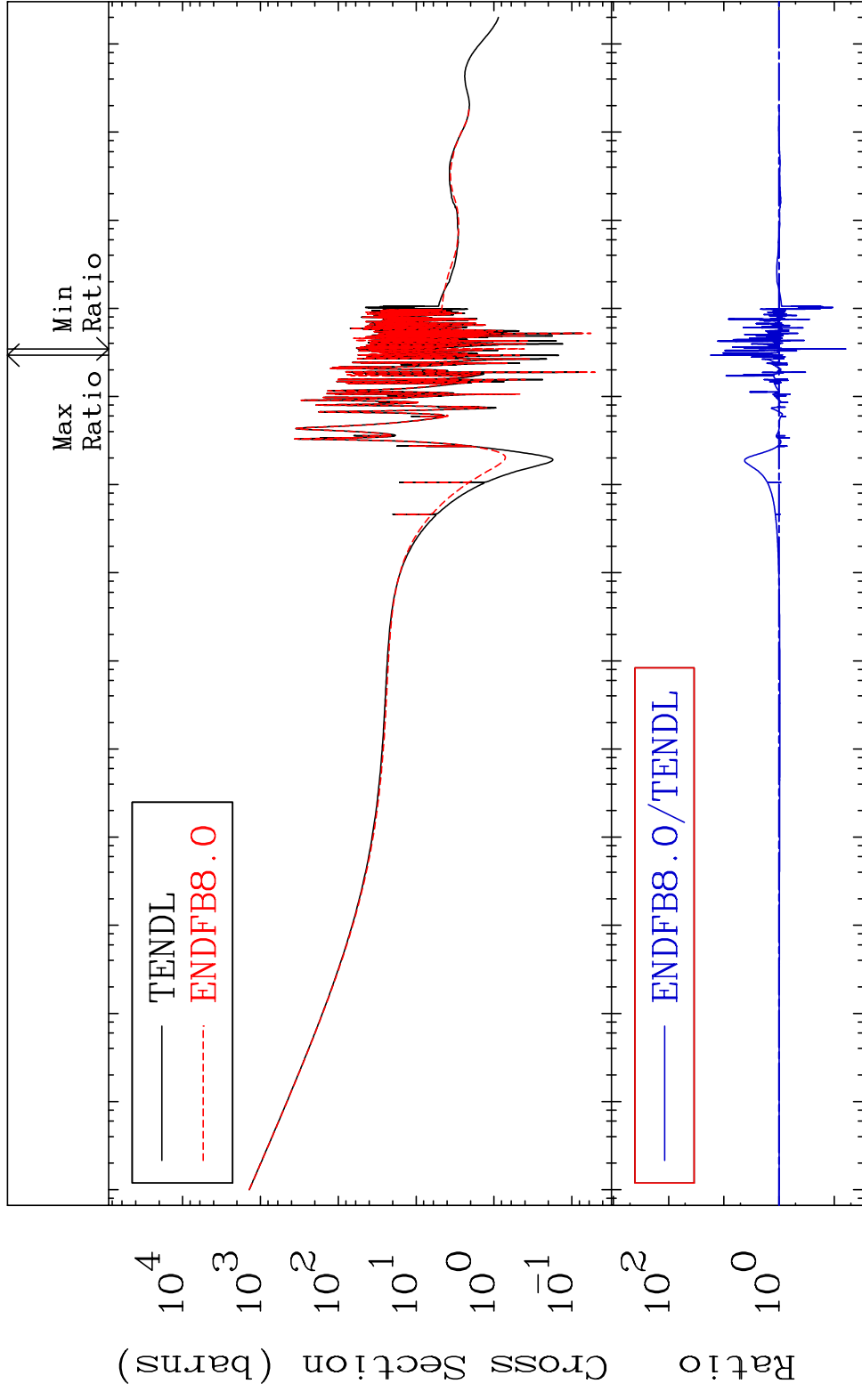
MAT 2125

Total

21-Sc-45

Cross Section

-93.97 To 1626. %



1

Incident Energy (eV)

21-Sc-45

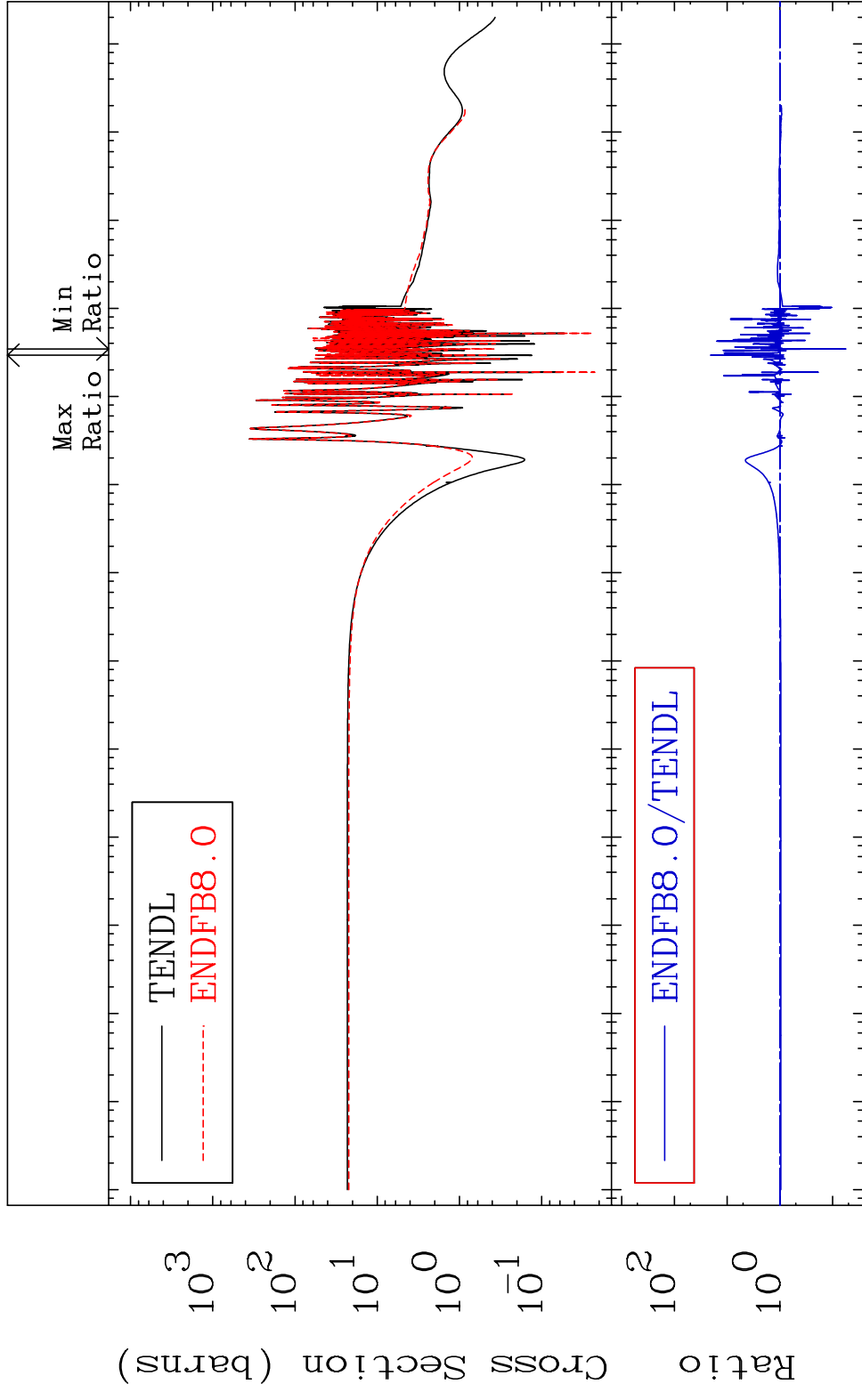
MAT 2125

Elastic

21-Sc-45

Cross Section

-94.48 To 1946. %



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>

2

Incident Energy (eV)

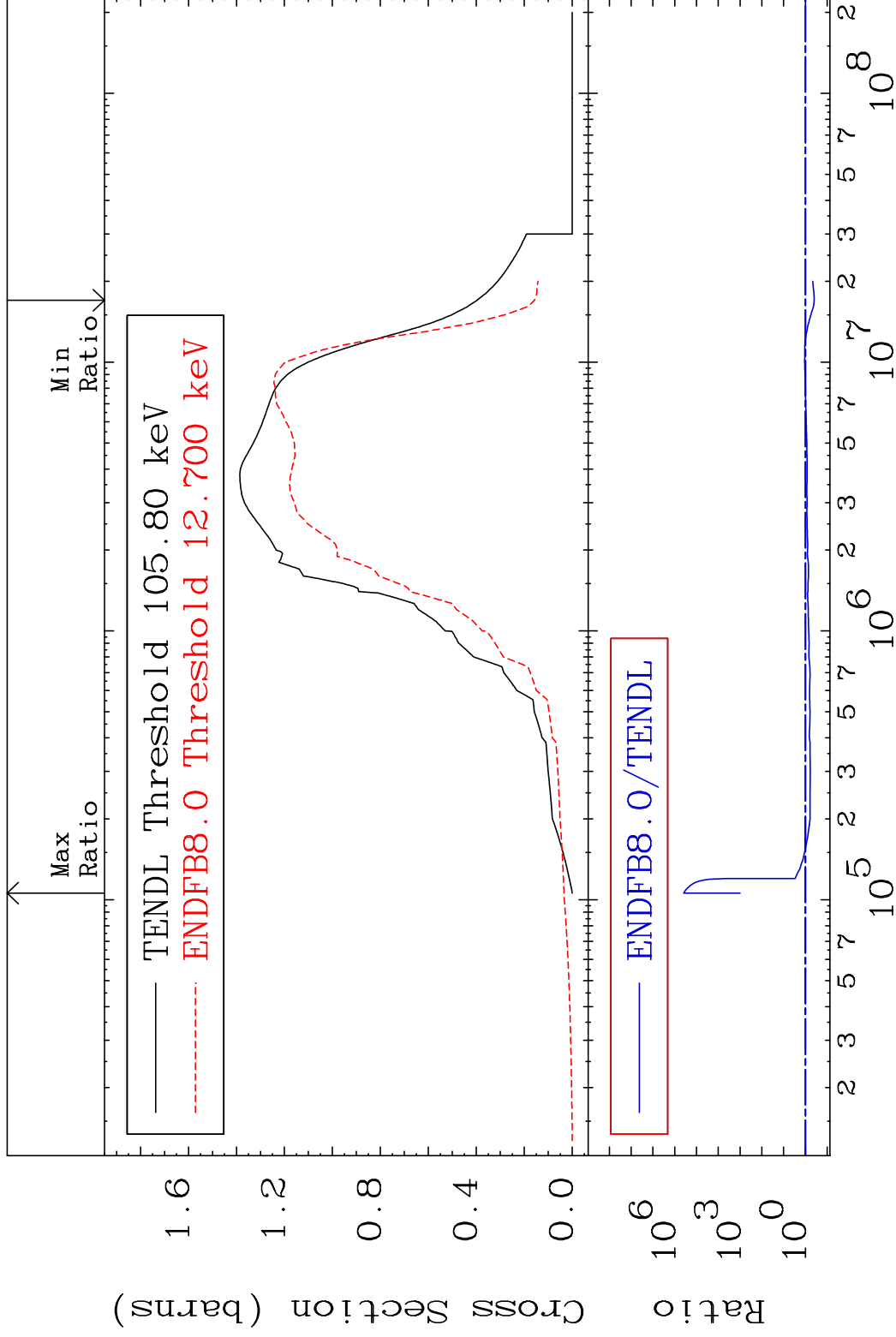
21-Sc-45

MAT 2125

Inelastic

21-Sc-45

Cross Section -60.04 To 9999. %

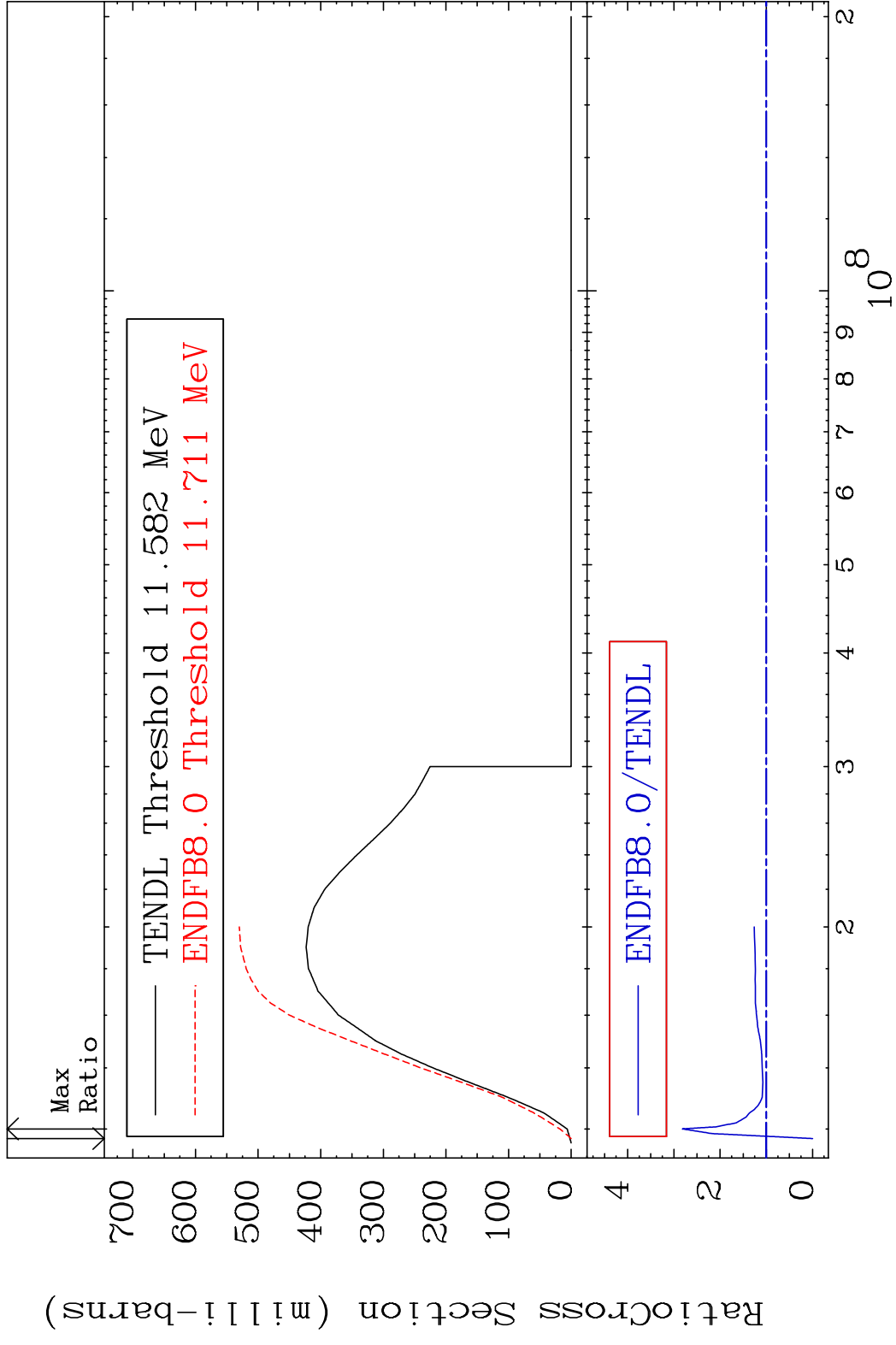


3

Incident Energy (eV)

21-Sc-45

MAT 2125 (n,2n) 21-Sc-45  
 Cross Section -100.0 To 181.6 %



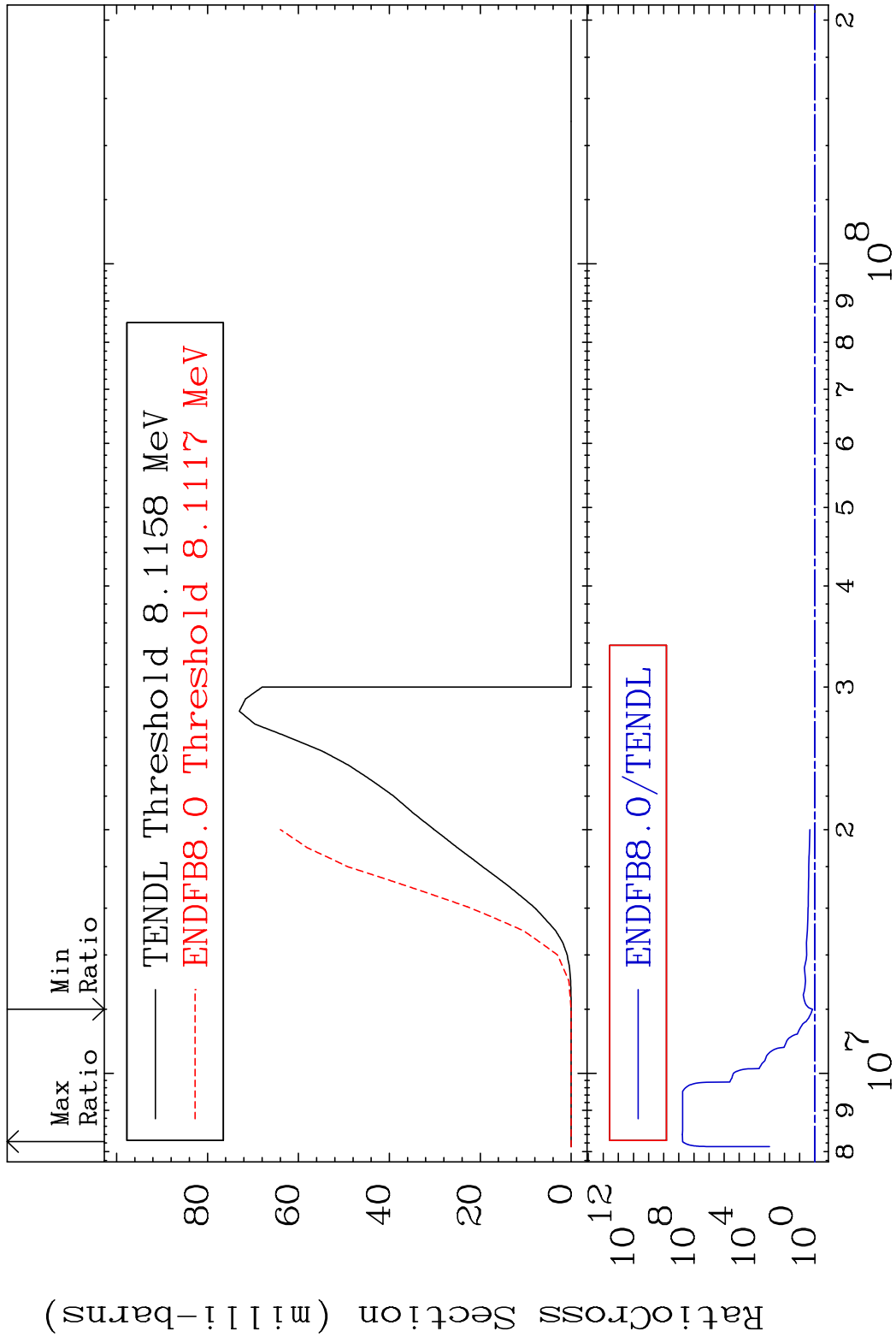
4 Incident Energy (eV) 21-Sc-45

MAT 2125

(n, n')  $\alpha$

21-Sc-45

Cross Section 41.41 To 9999. %



5

Incident Energy (eV)

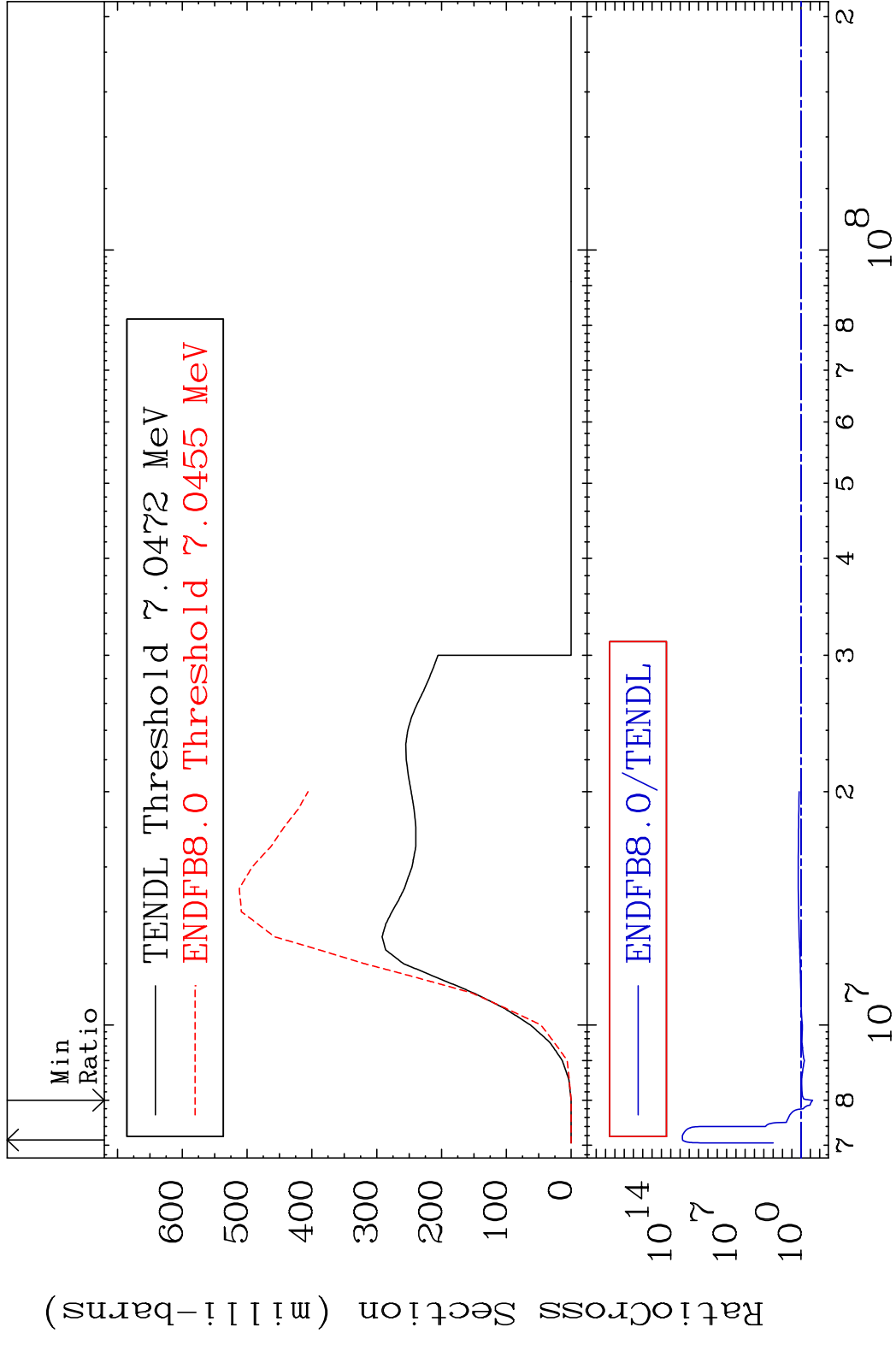
21-Sc-45

MAT 2125

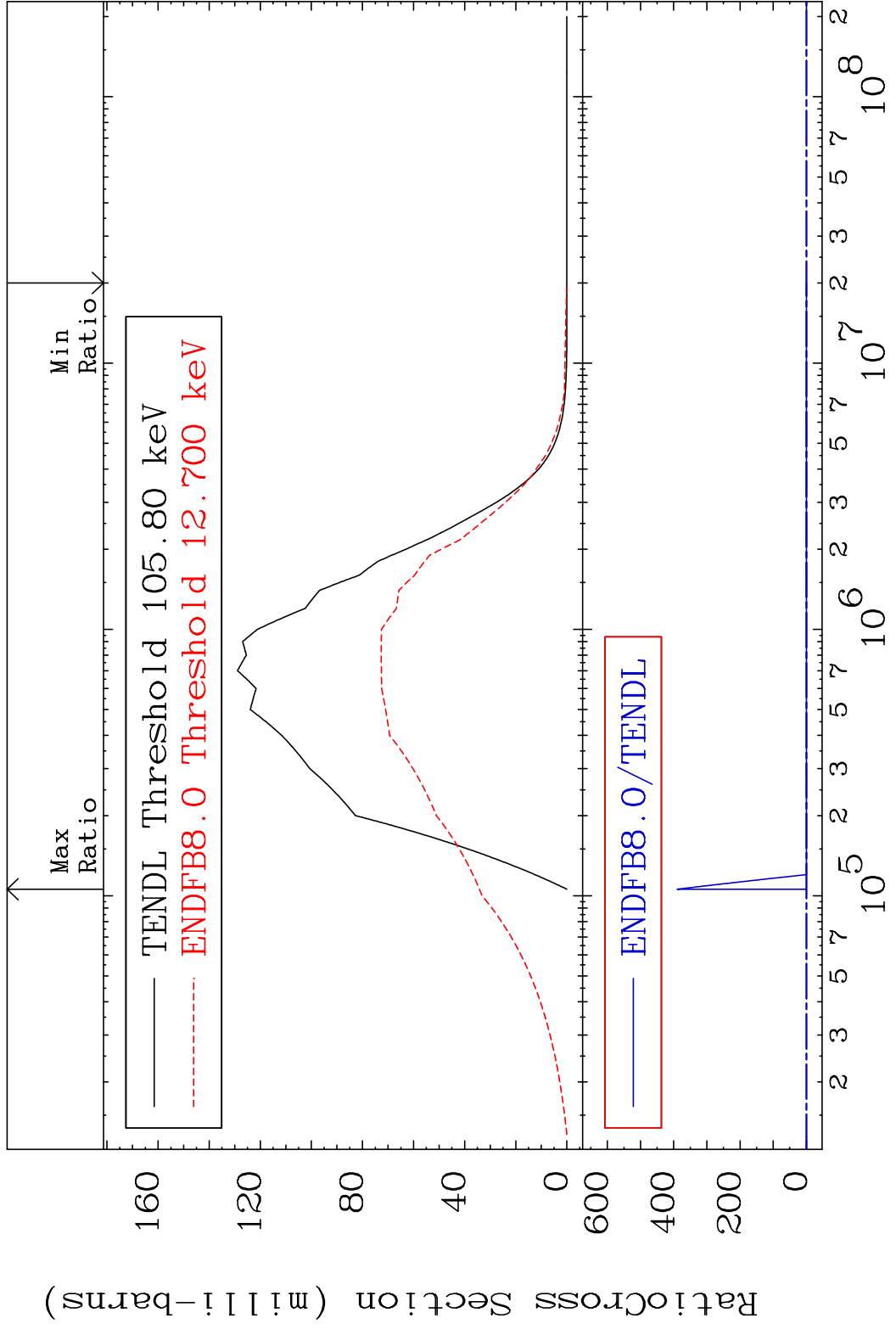
(n, n') p

21-Sc-45

Cross Section -94.15 To 9999. %

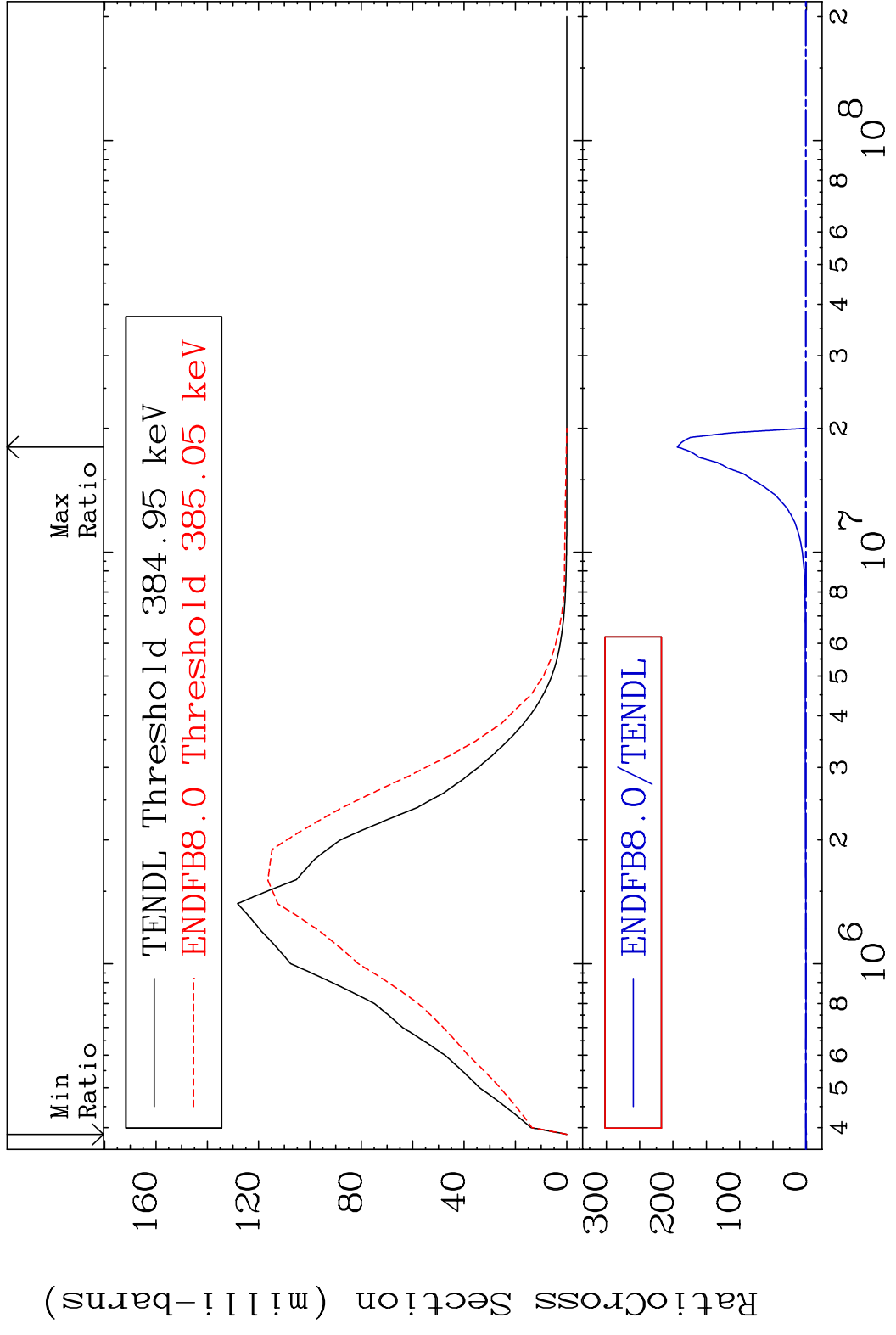


MAT 2125 MT= 51 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To 9999. %



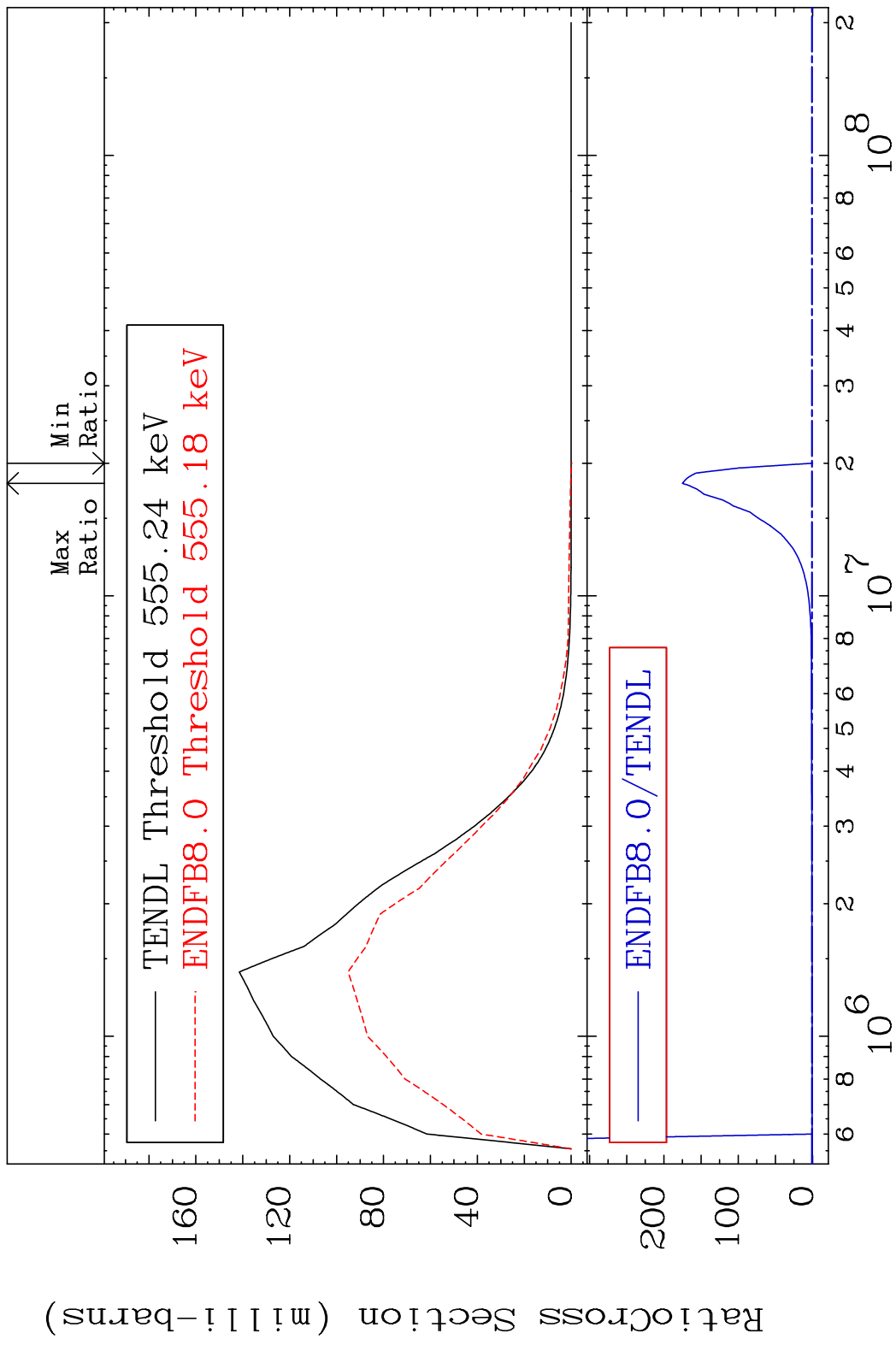


MAT 2125 MT= 52 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To 9999. %

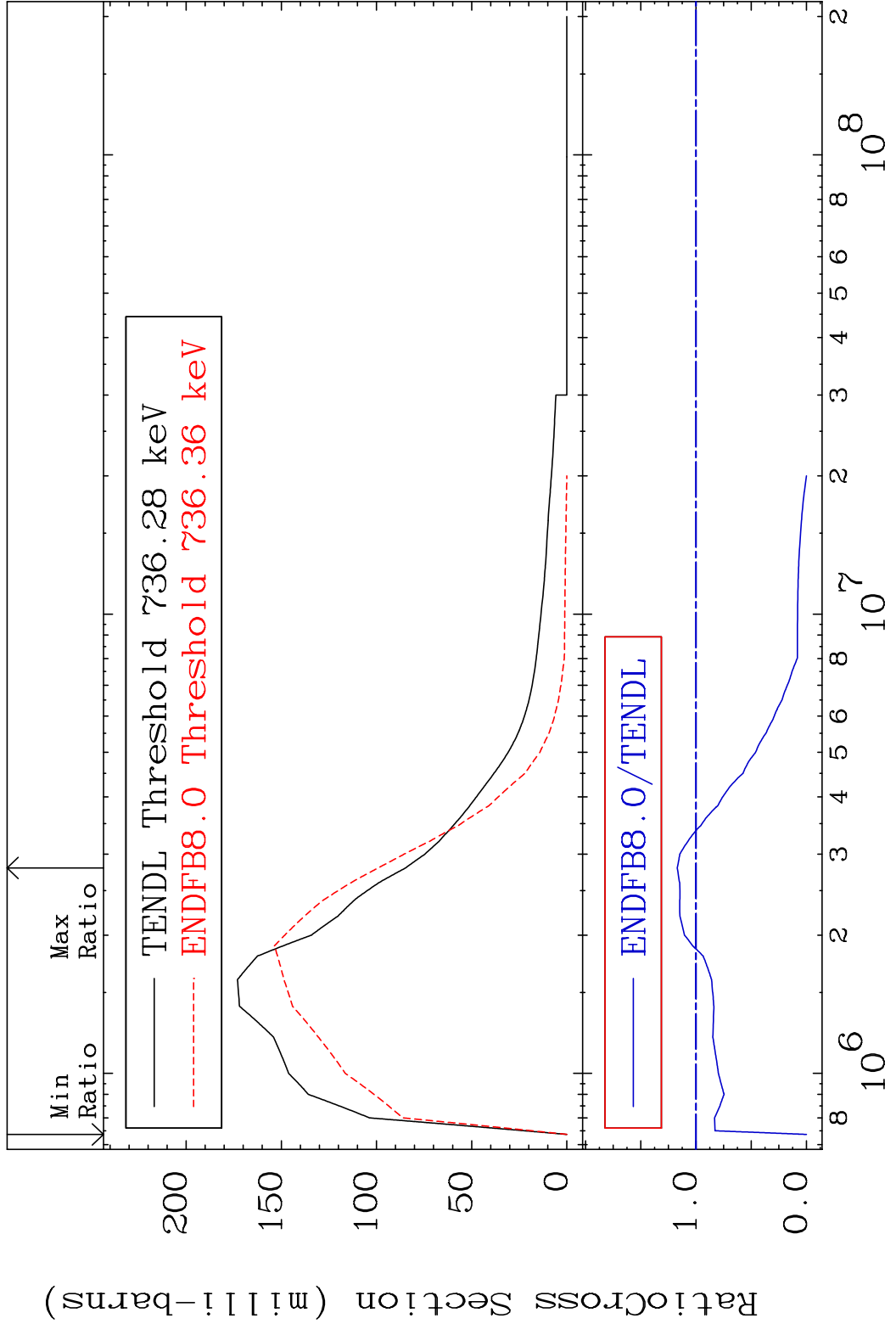


8 Incident Energy (eV) 21-Sc-45

MAT 2125 MT= 53 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To 9999. %

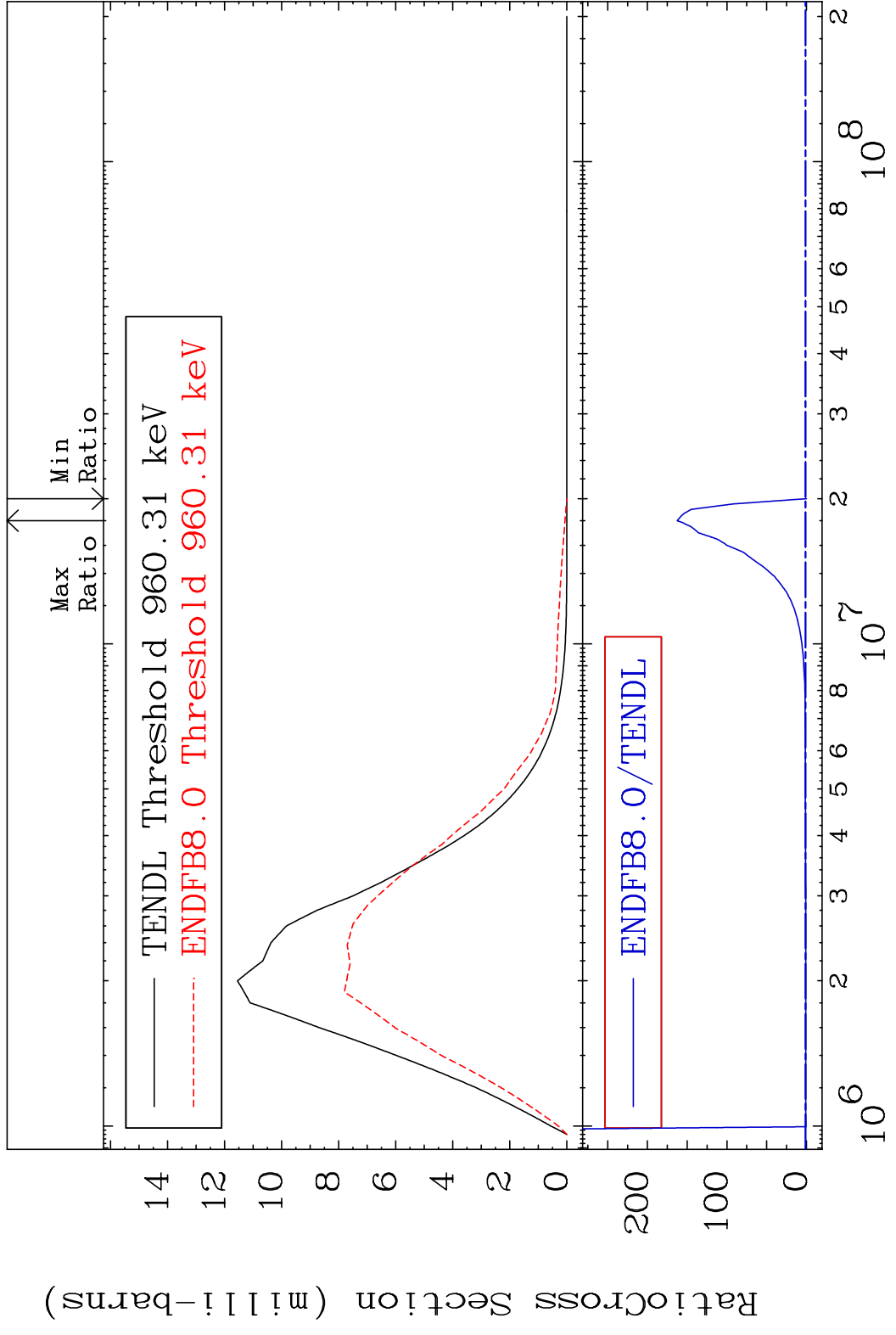


MAT 2125 MT= 54 (n,n') Level 21-Sc-45  
 Cross Section -100.0 To 17.01 %



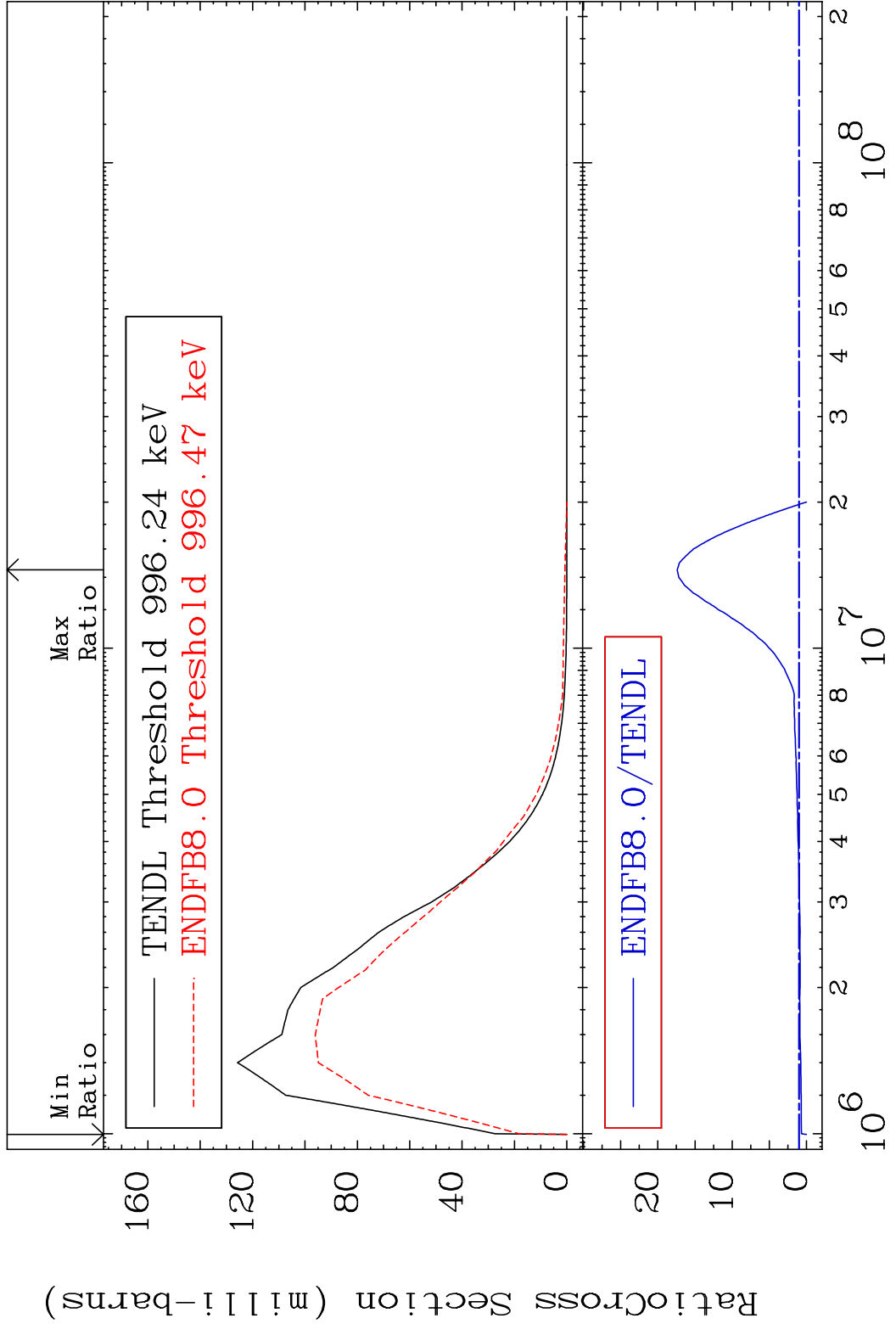
10 8 7 6 5 4 3 2 10 8 21-Sc-45

MAT 2125 MT= 55 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To 9999. %



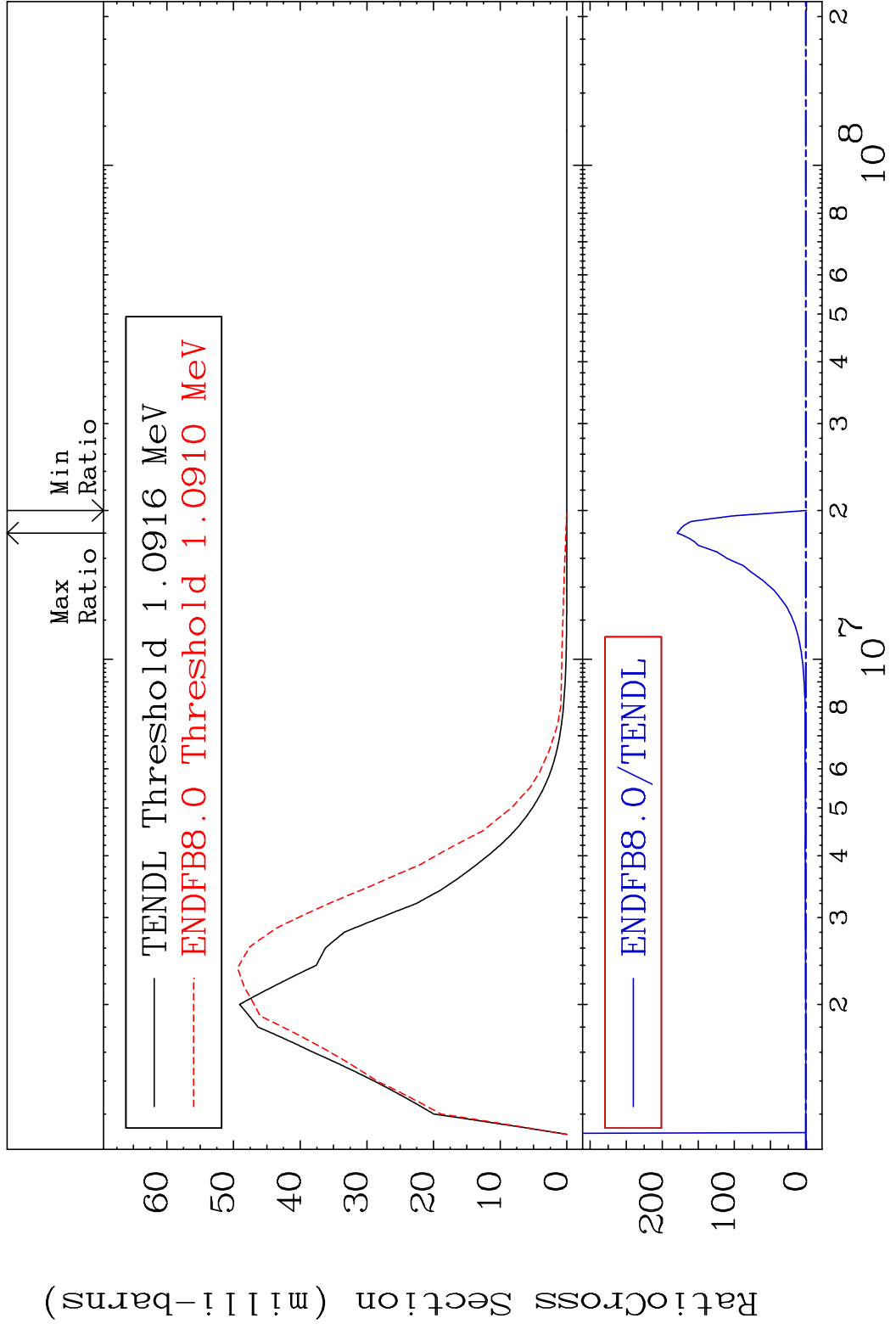
11 Incident Energy (eV) 21-Sc-45

MAT 2125 MT= 56 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To 1640. %

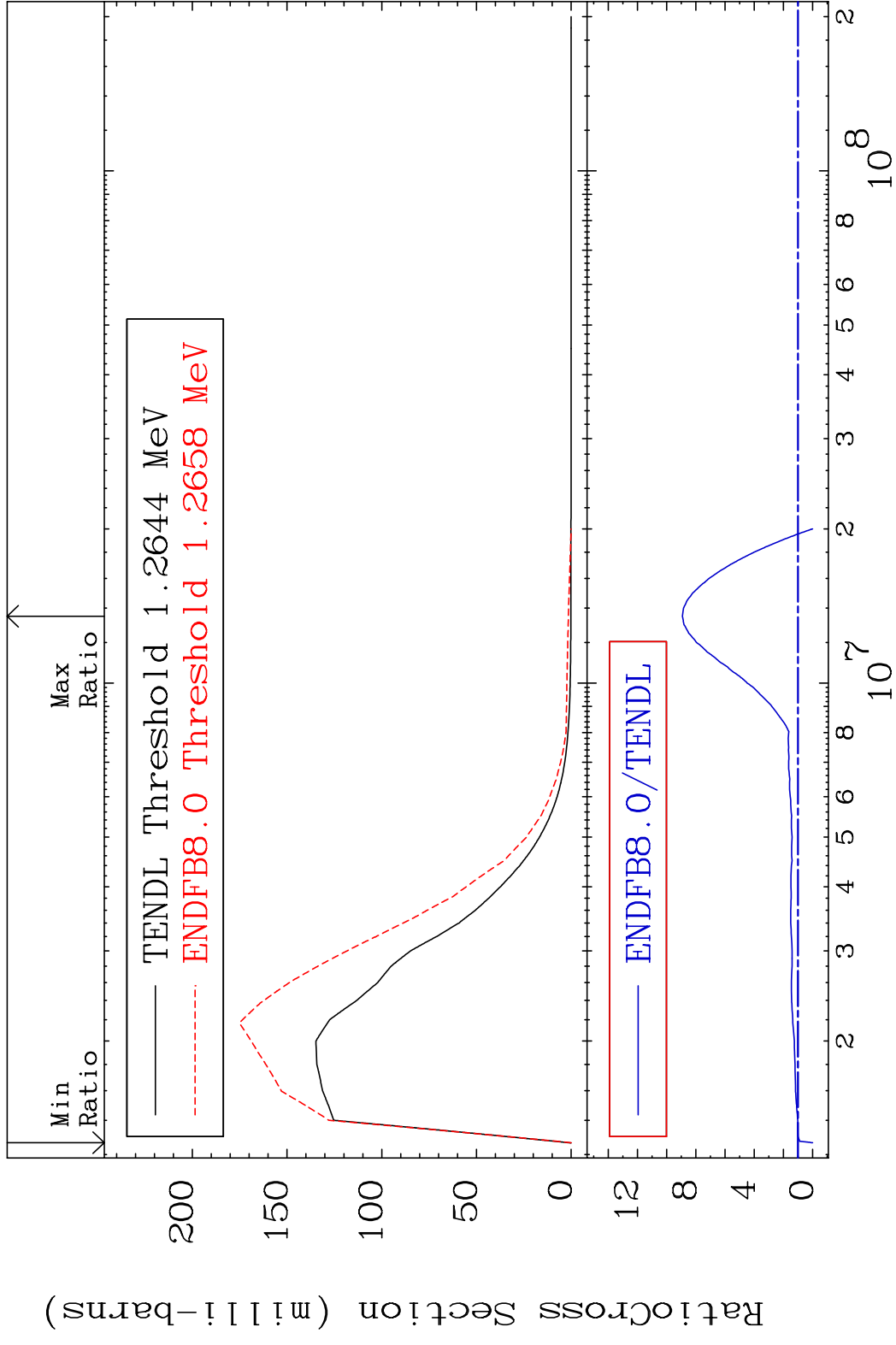


12

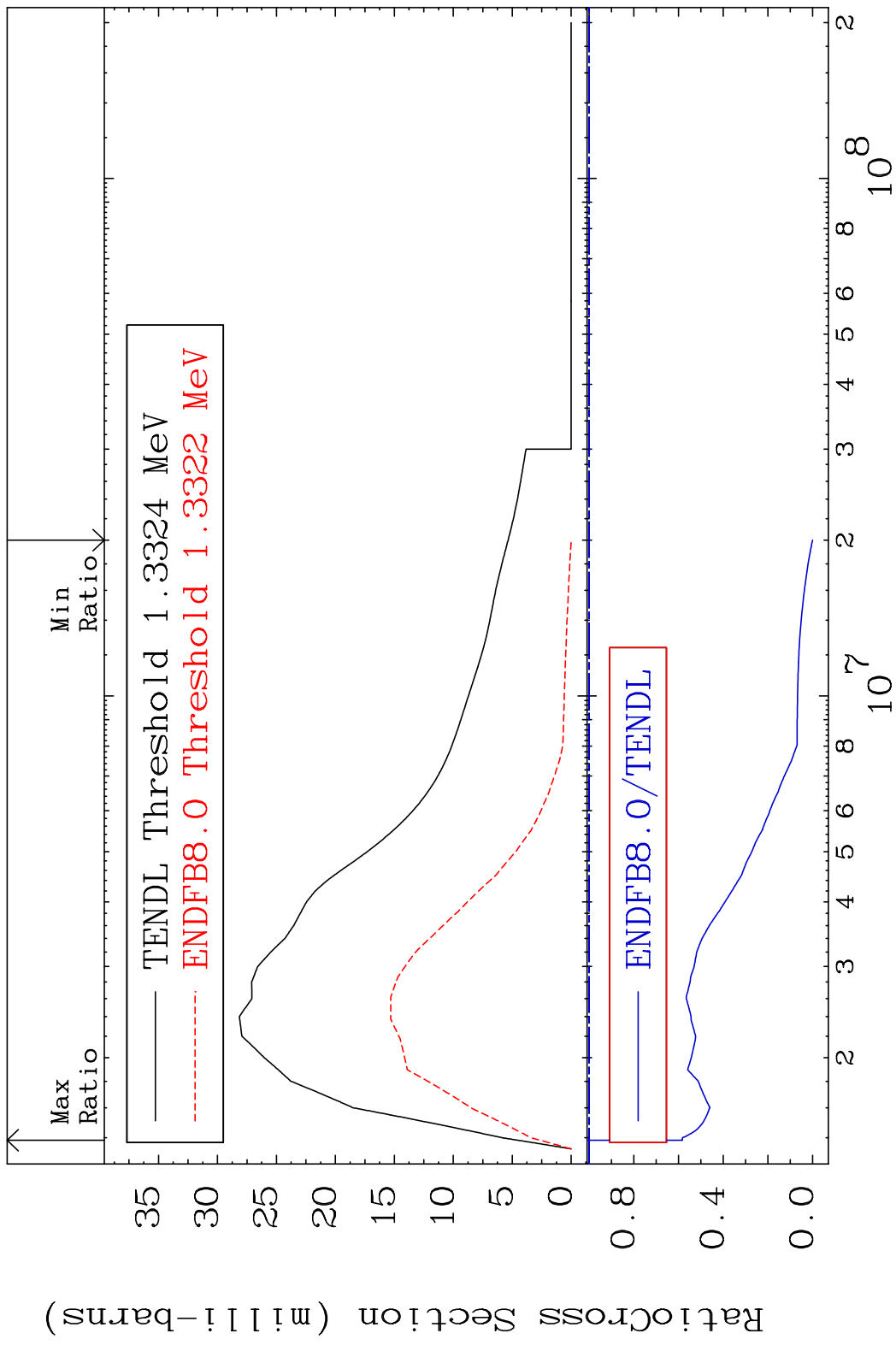
MAT 2125 MT= 57 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To 9999. %



MAT 2125 MT= 58 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To 792.2 %



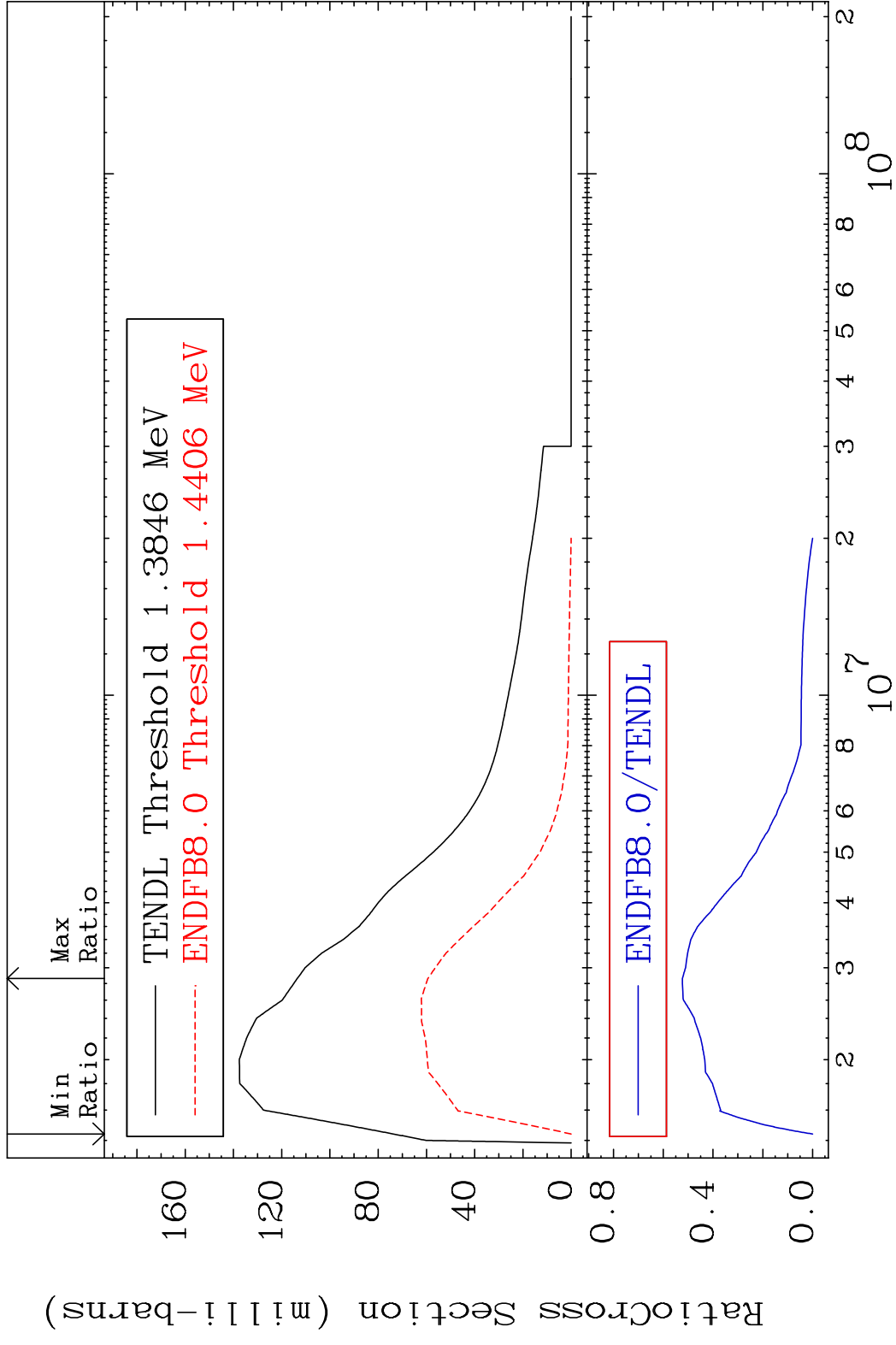
MAT 2125 MT= 59 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To -41.72%



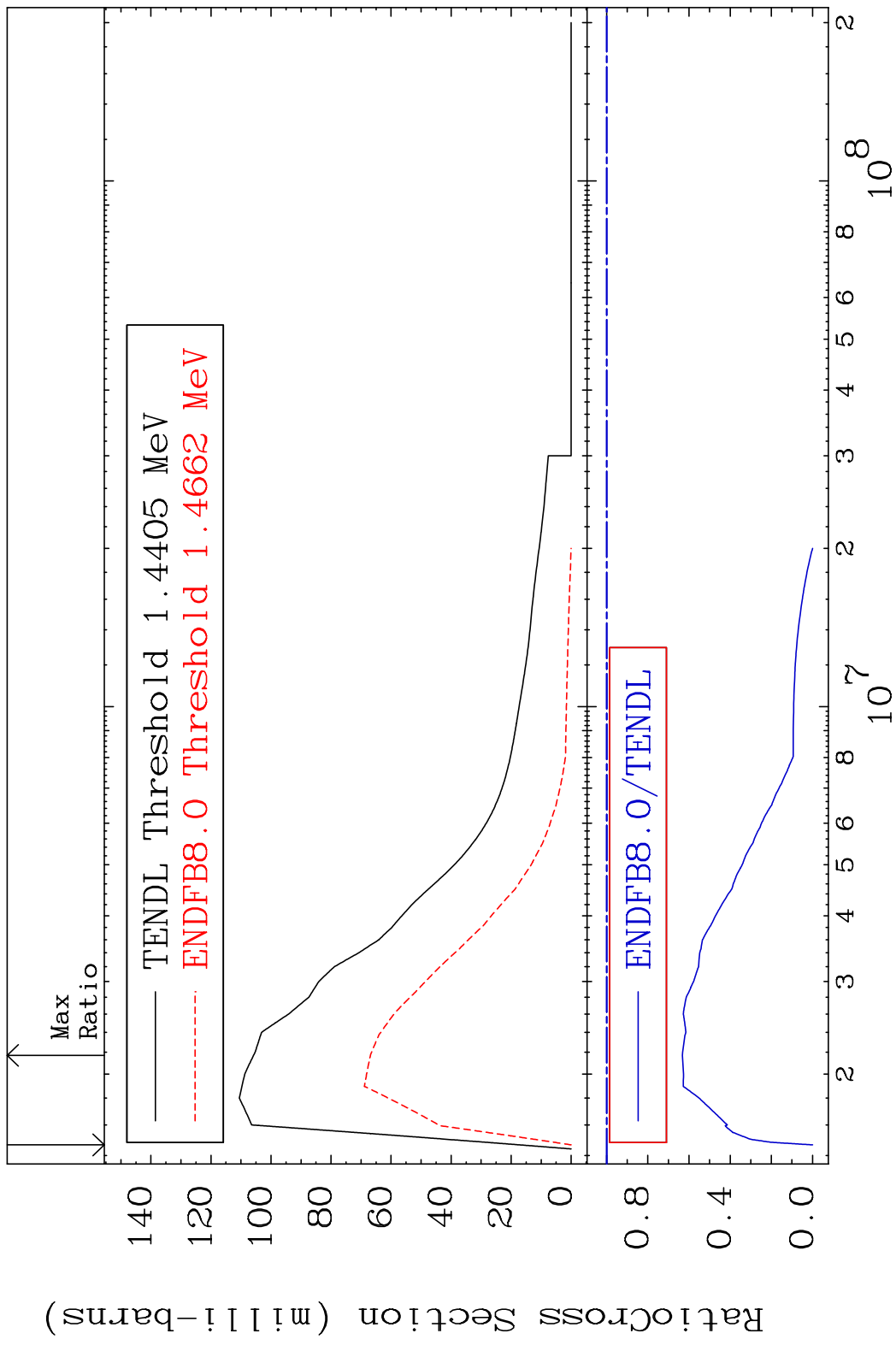
15 Incident Energy (eV) 21-Sc-45



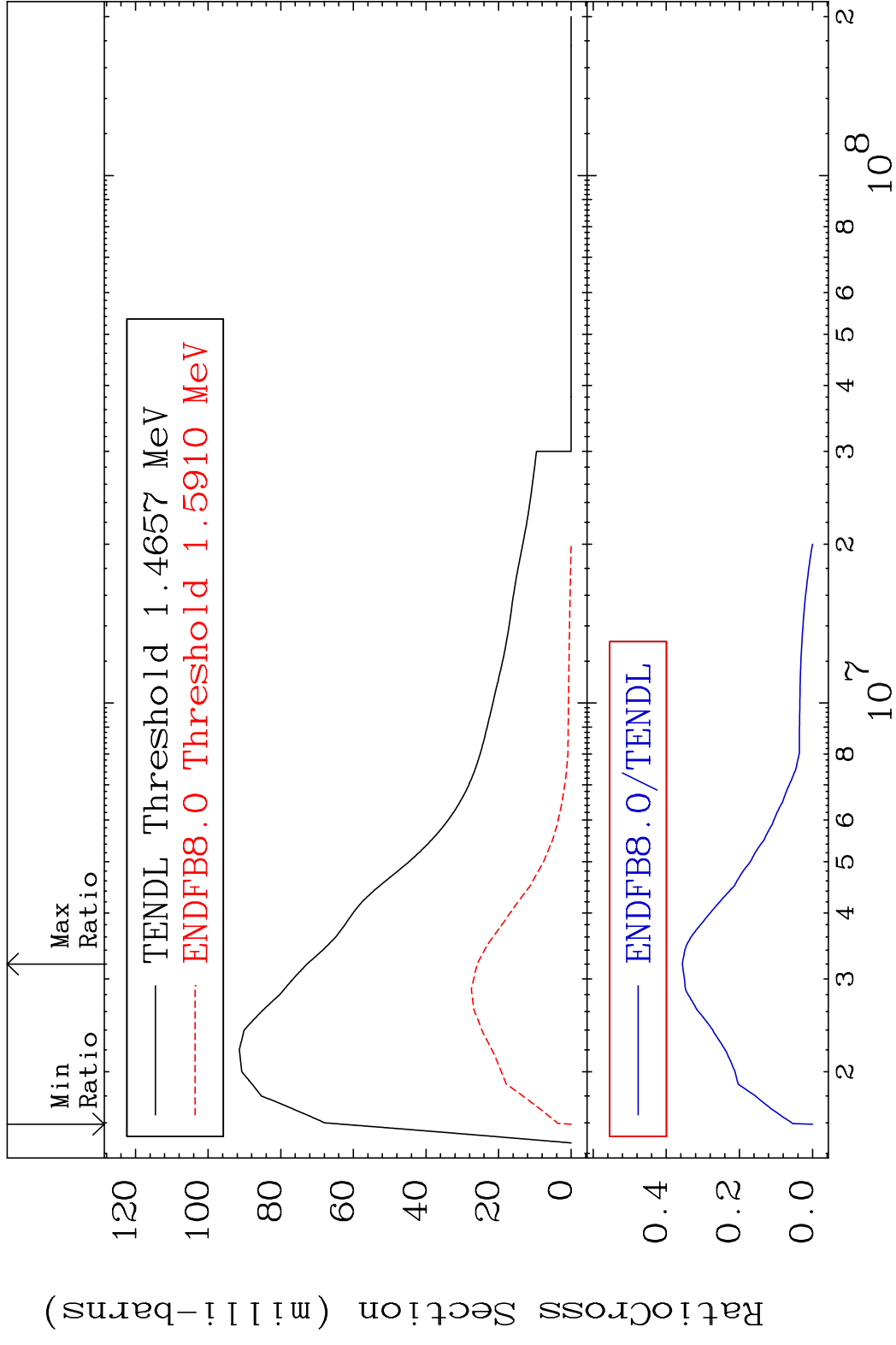
MAT 2125 MT= 60 (n,n') Level 21-Sc-45  
 Cross Section -100.0 To -47.67%



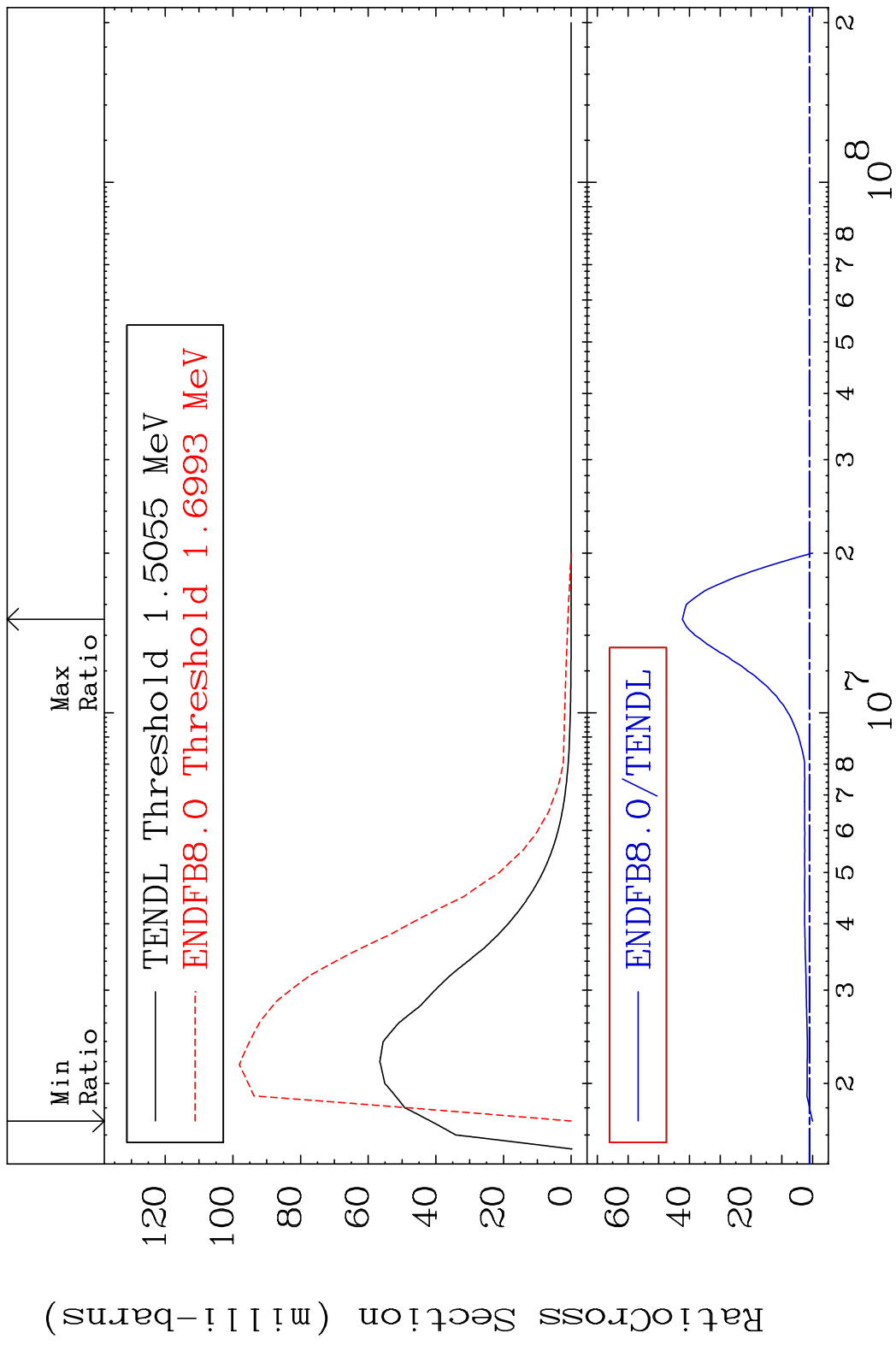
MAT 2125 MT= 61 (n,n') Level 21-Sc-45  
 Cross Section -100.0 To -36.77%



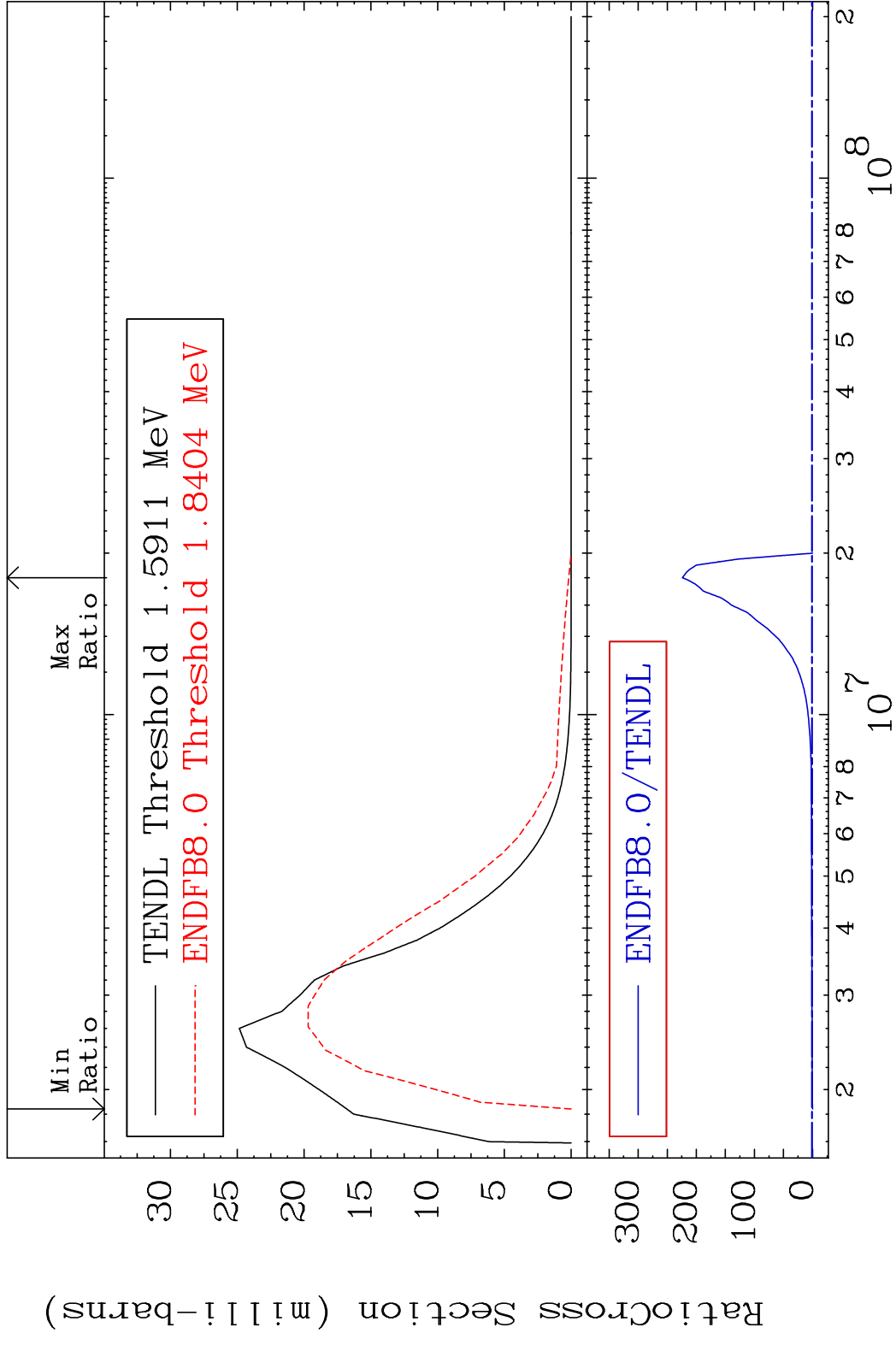
MAT 2125 MT= 62 (n,n') Level 21-Sc-45  
 Cross Section -100.0 To -64.40%



MAT 2125 MT= 63 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To 4133. %



MAT 2125 MT= 64 (n, n') Level 21-Sc-45  
 Cross Section -100.0 To 9999. %

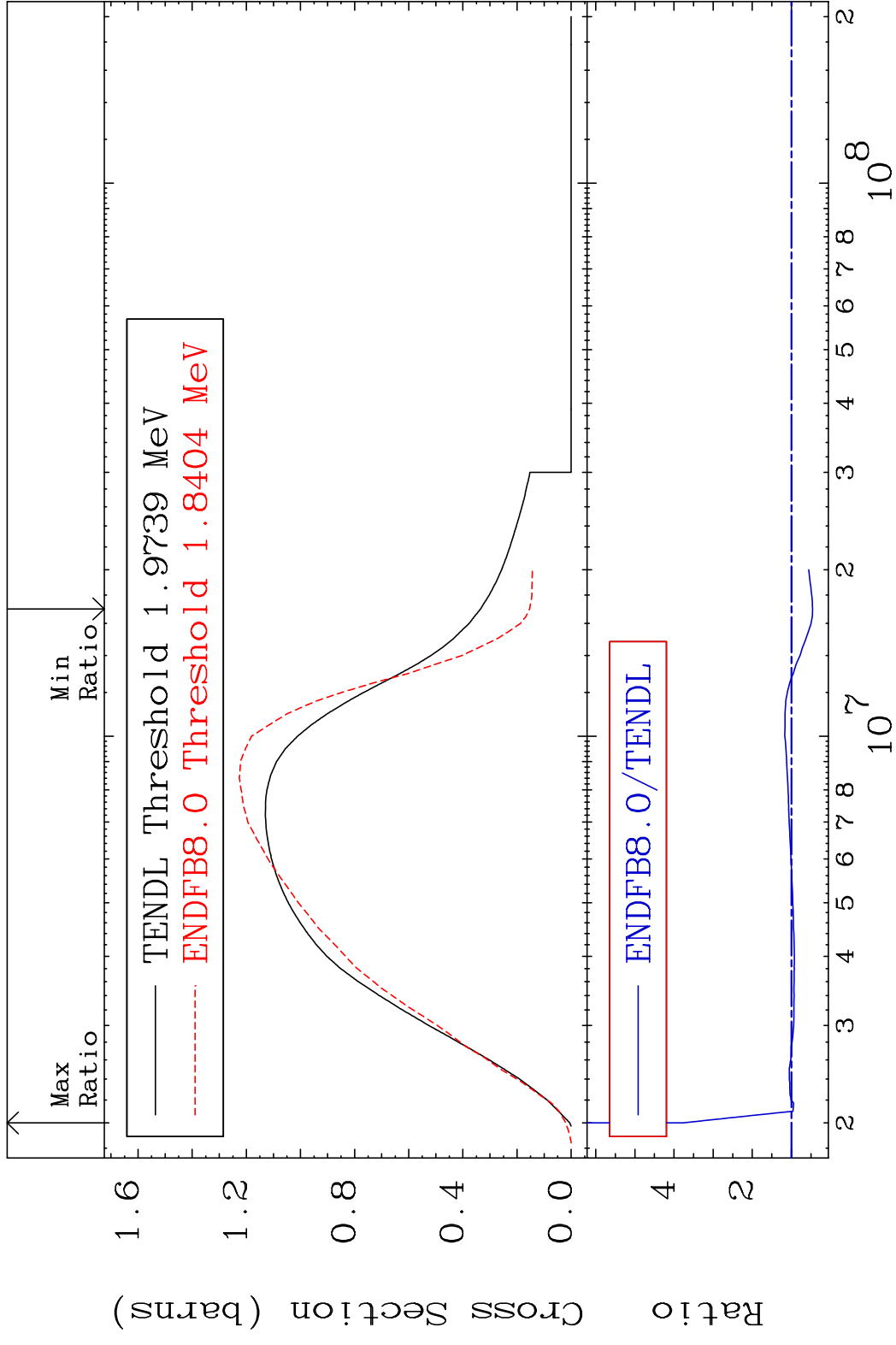


MAT 2125

(n,n') Continuum

21-Sc-45

Cross Section -54.06 To 278.6 %



21

Incident Energy (eV)

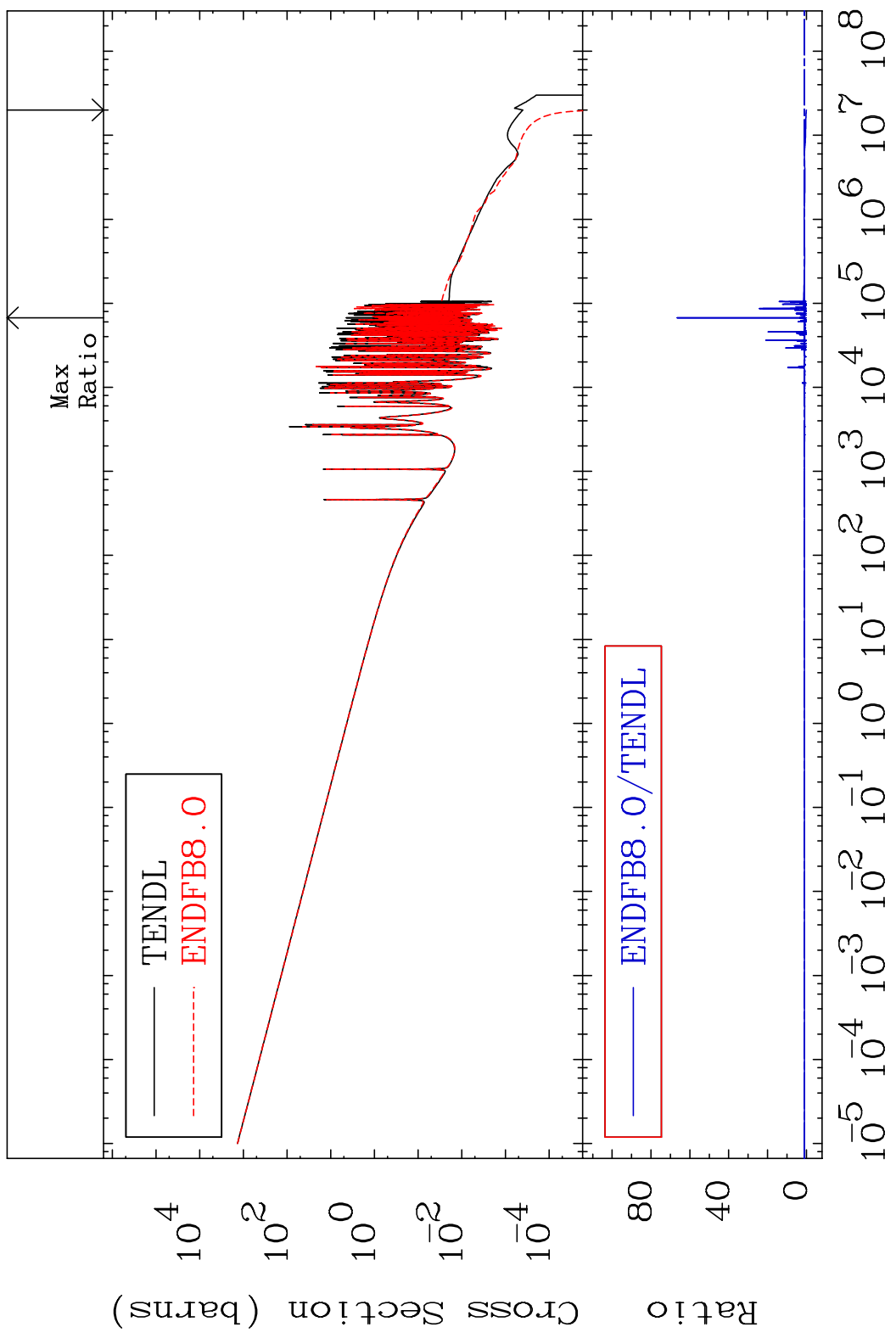
21-Sc-45

MAT 2125

(n,  $\gamma$ )

21-Sc-45

Cross Section -100.0 To 6552. %



22

Incident Energy (eV)

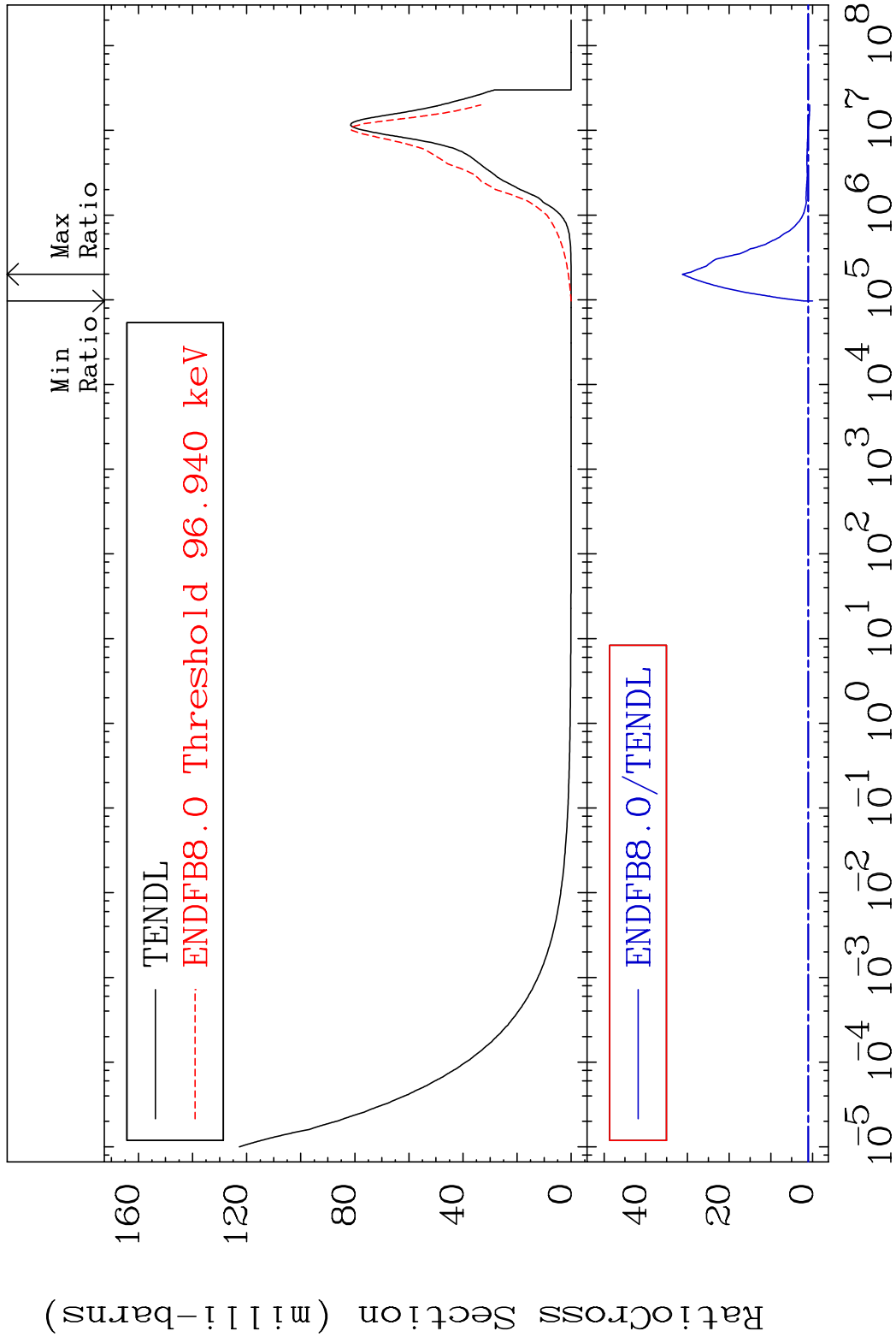
21-Sc-45

MAT 2125

(n, p)

21-Sc-45

Cross Section -100.0 To 3023. %



23

Incident Energy (eV)

21-Sc-45

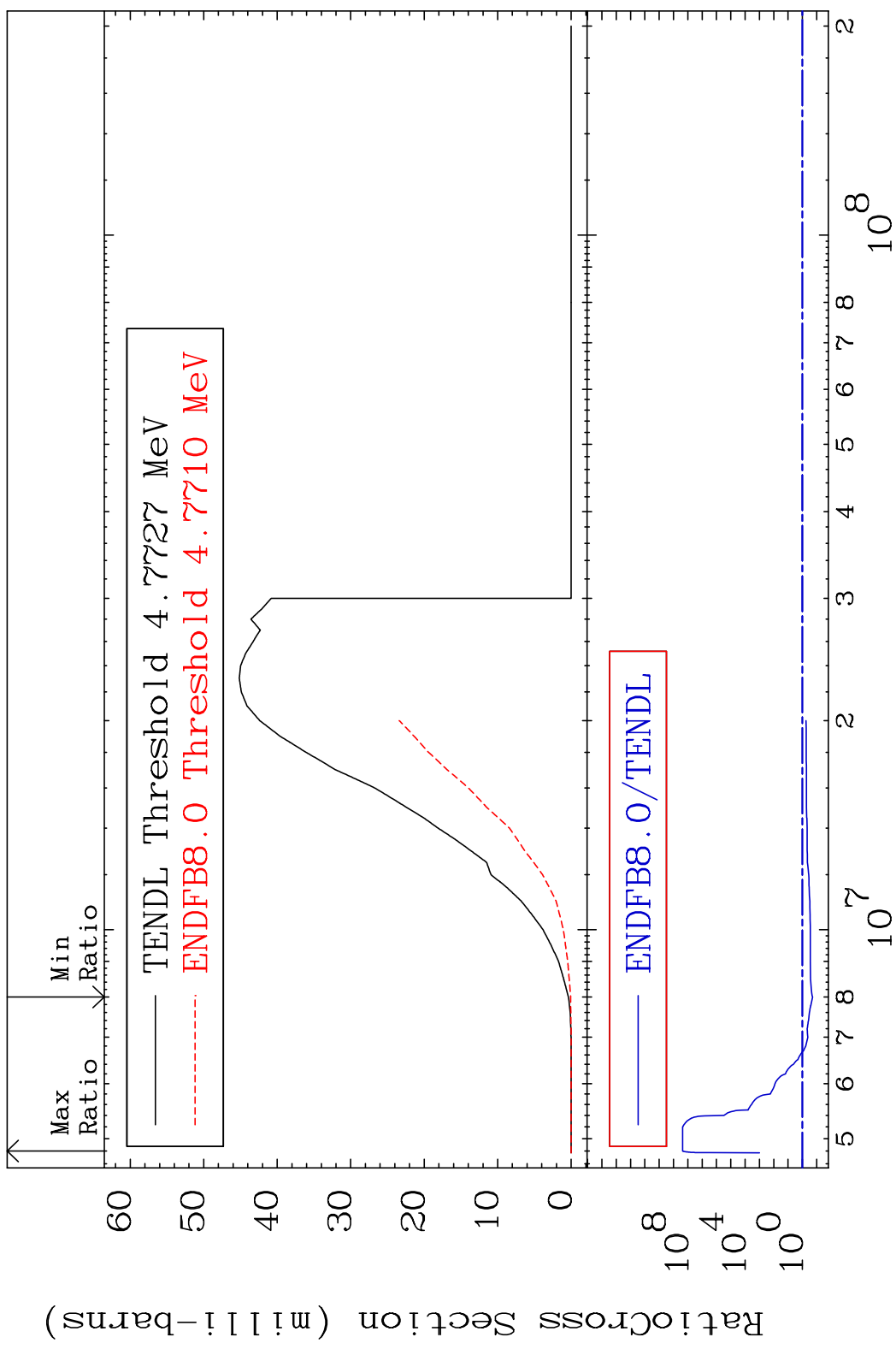


MAT 2125

(n,d)

21-Sc-45

Cross Section -80.45 To 9999. %



24

Incident Energy (eV)

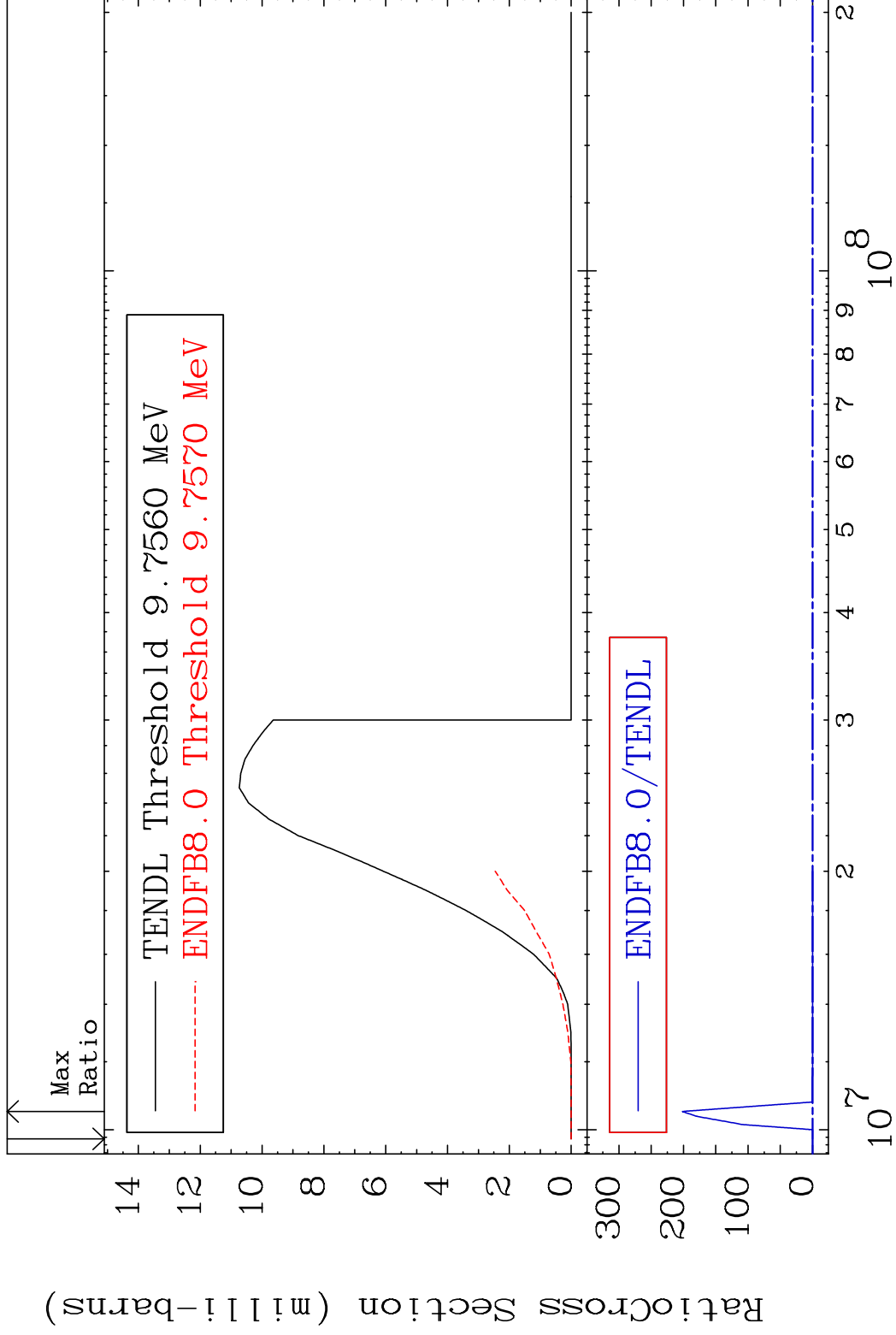
21-Sc-45

MAT 2125

(n, t)

21-Sc-45

Cross Section -100.0 To 9999. %



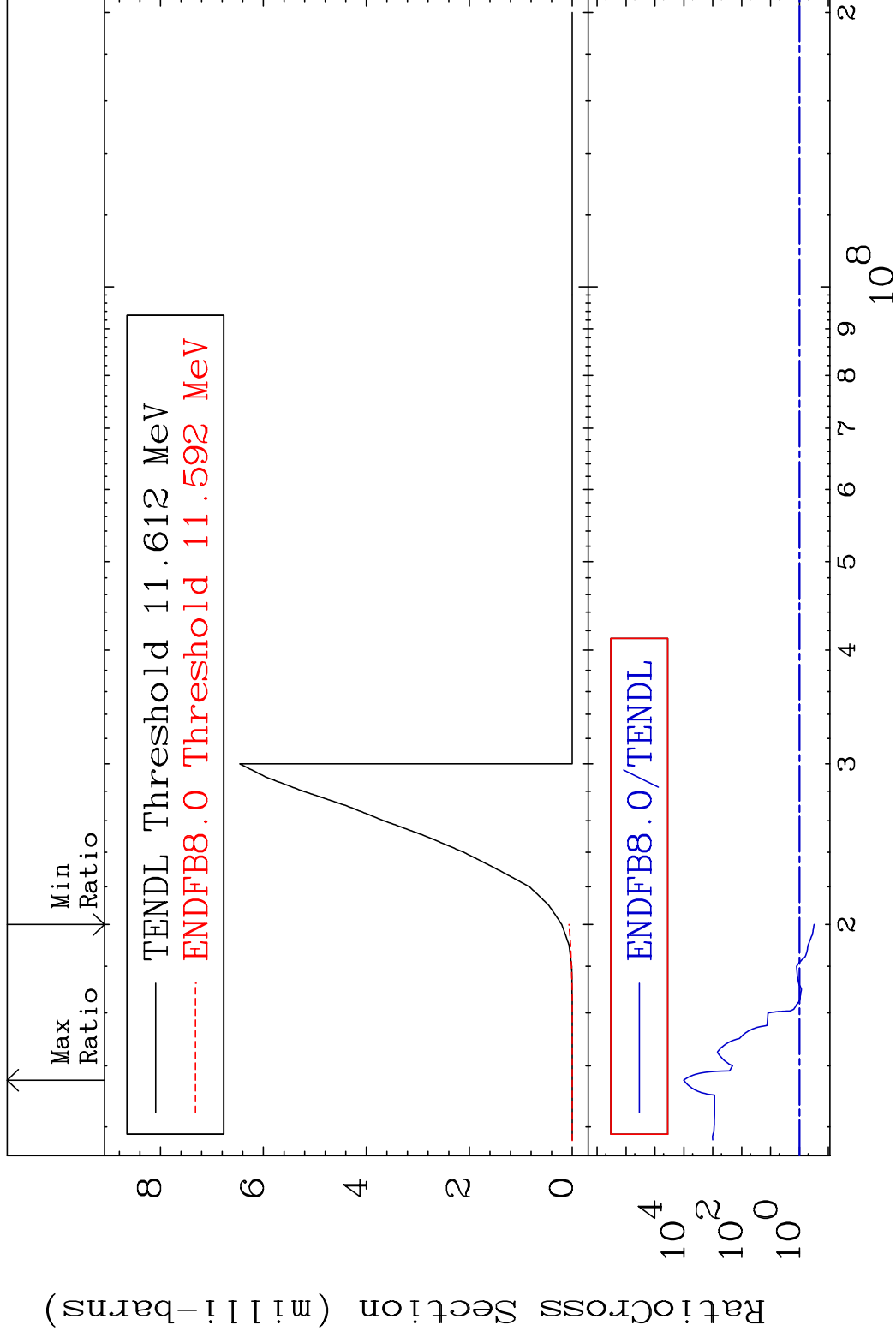
25

MAT 2125

(n, He-3)

21-Sc-45

Cross Section -68.73 To 9999. %

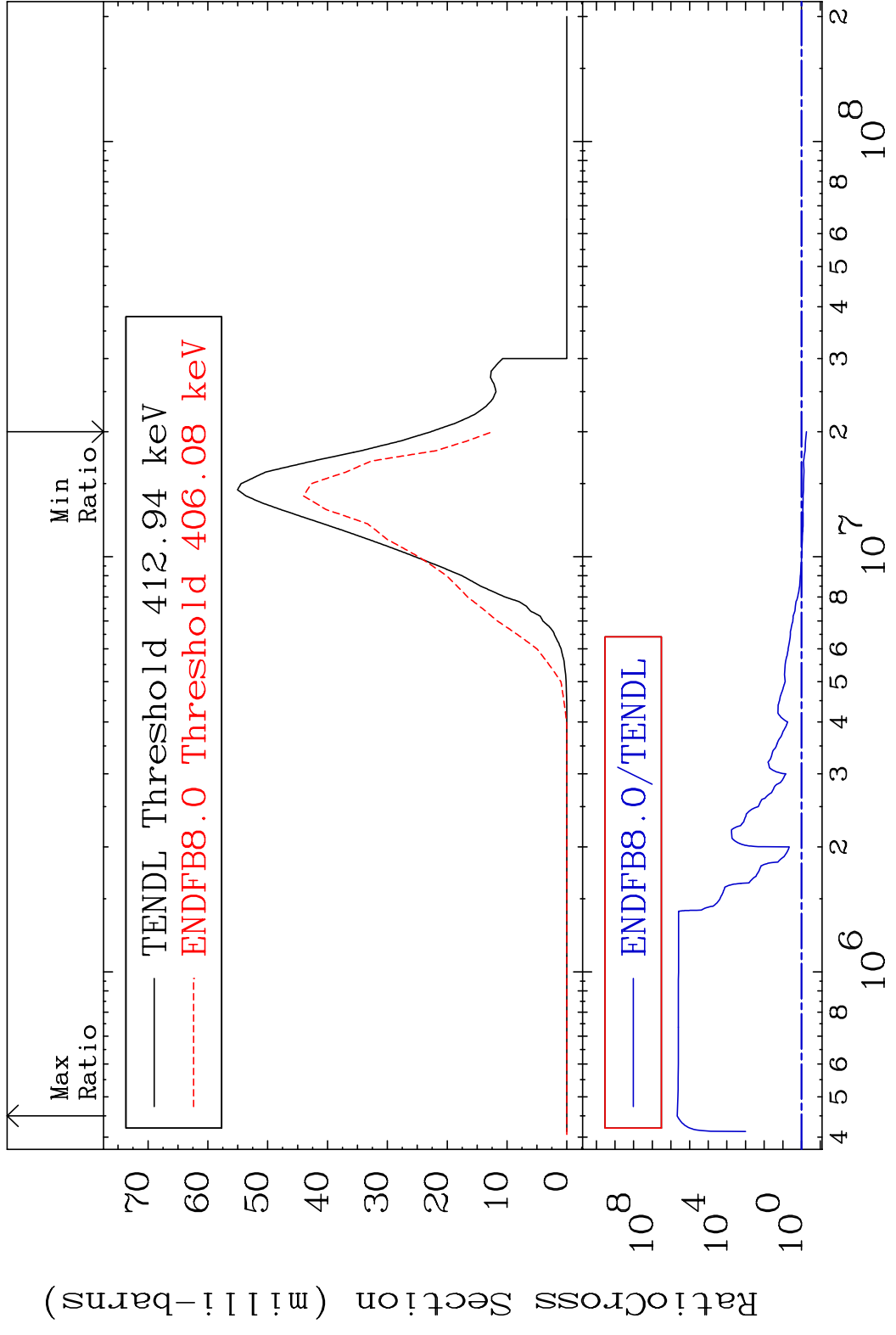


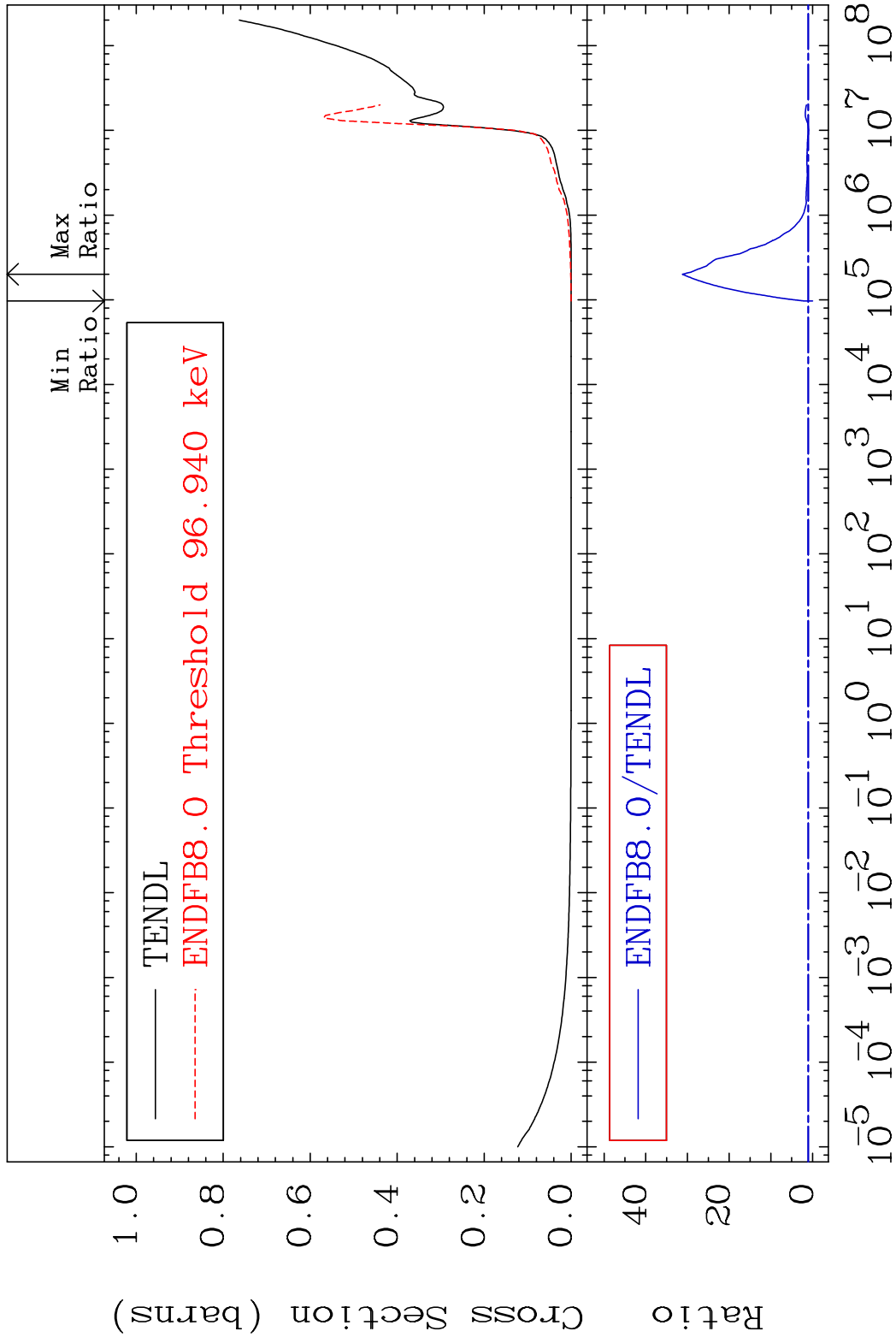
26

Incident Energy (eV)

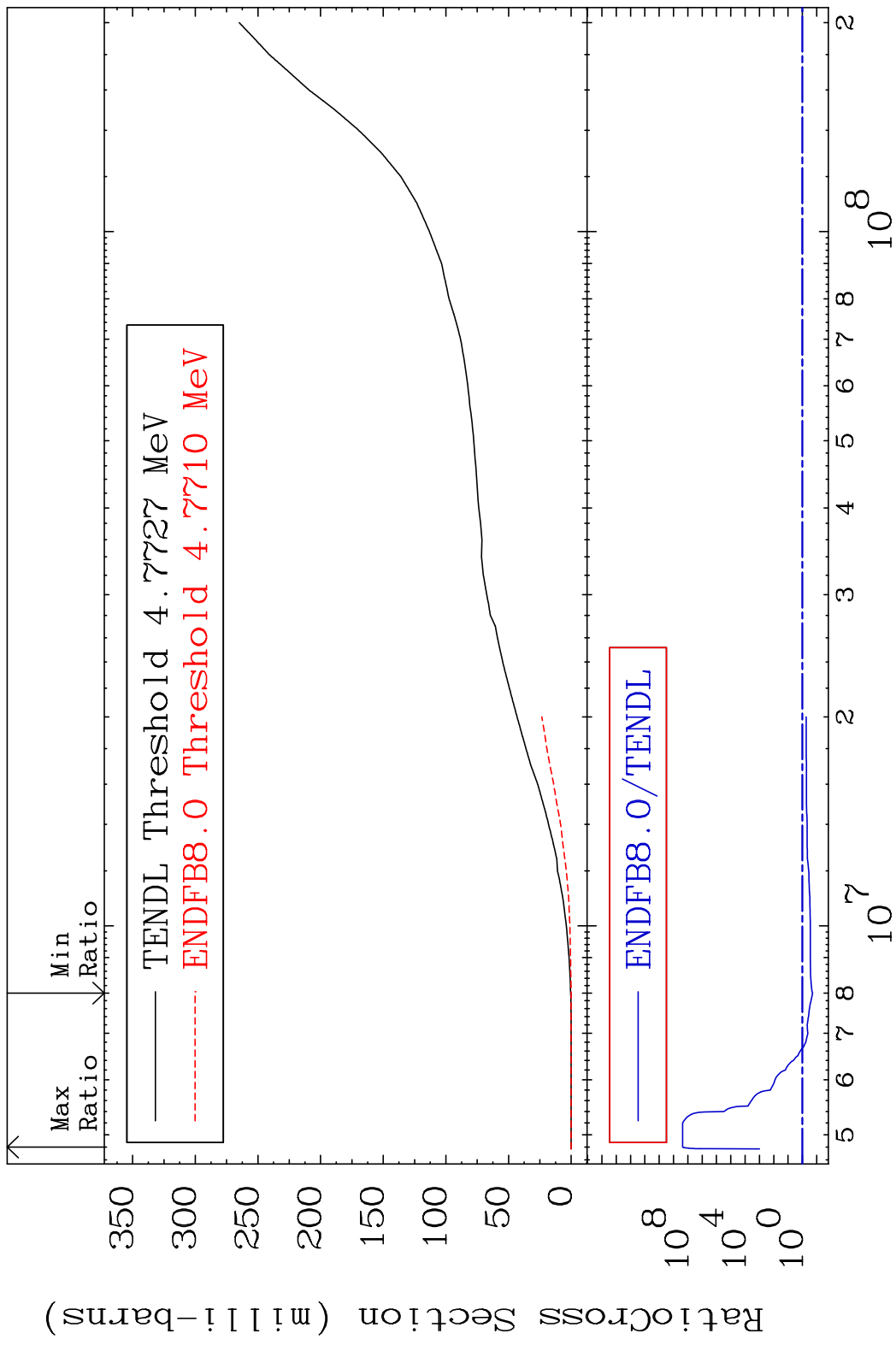
21-Sc-45

MAT 2125 (n,α) 21-Sc-45  
 Cross Section -45.43 To 9999. %



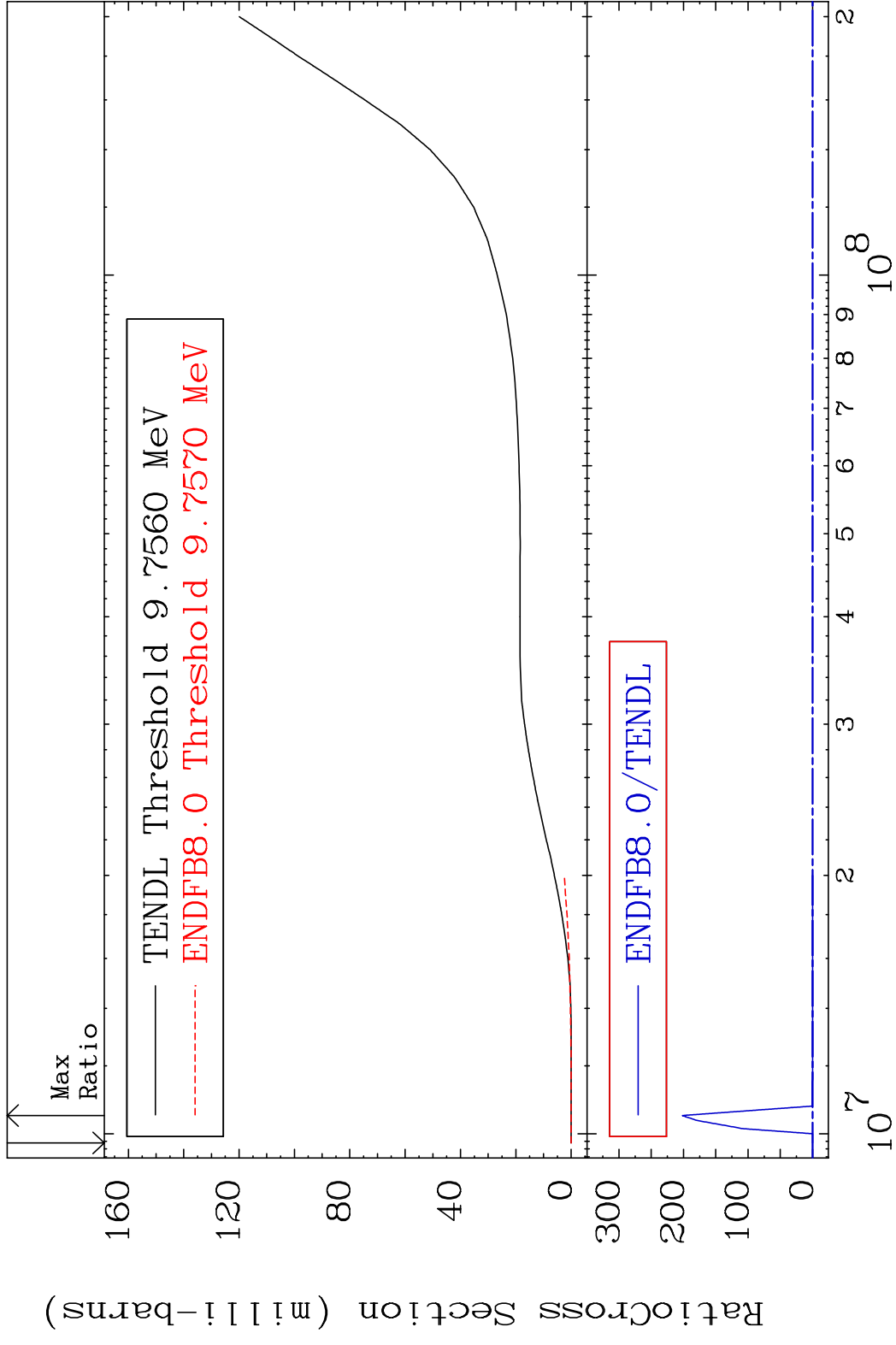


MAT 2125 Deuterium Production 21-Sc-45  
 Cross Section -80.45 To 9999. %



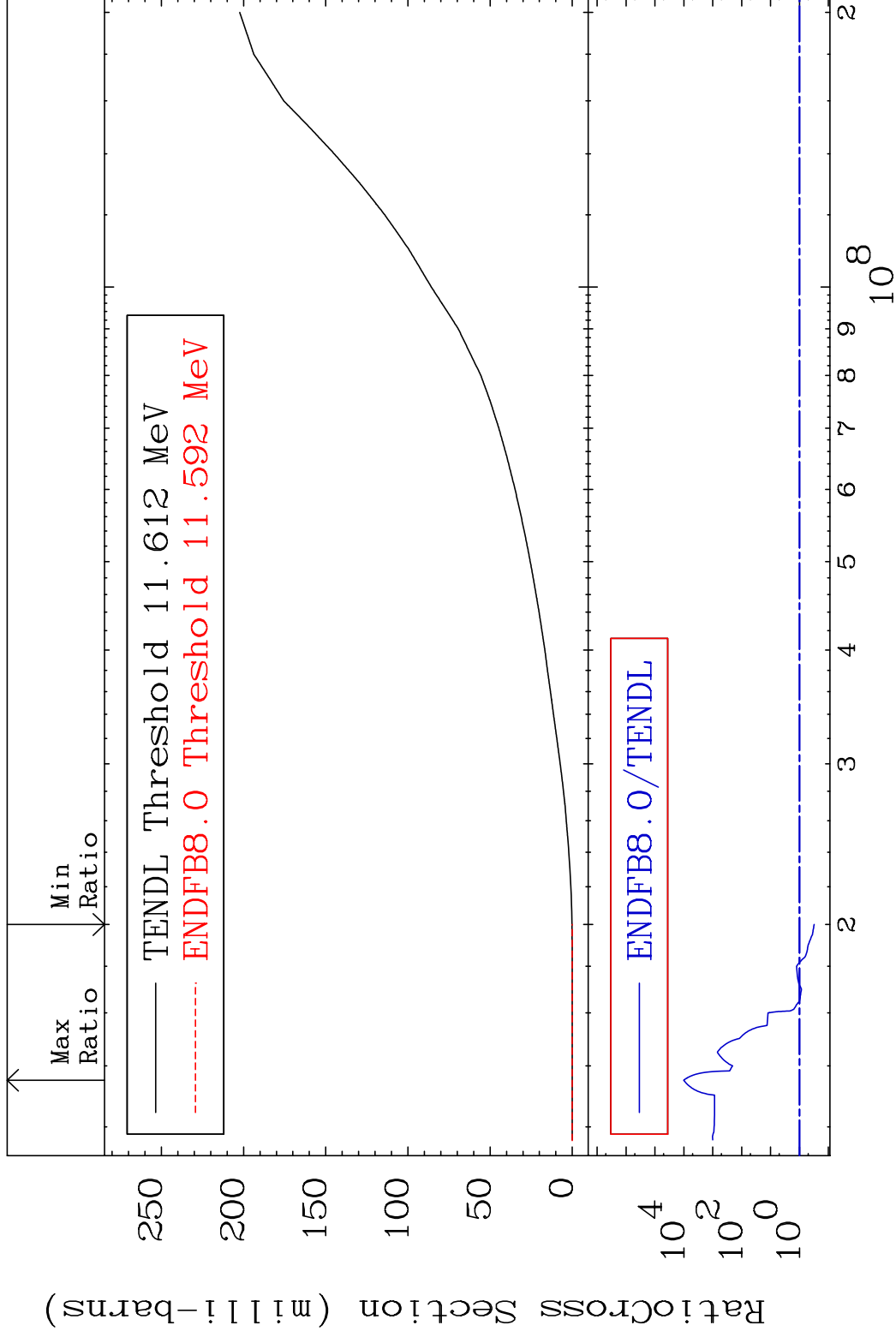
29 Incident Energy (eV) 21-Sc-45

MAT 2125 Tritium Production 21-Sc-45  
 Cross Section -100.0 To 9999. %



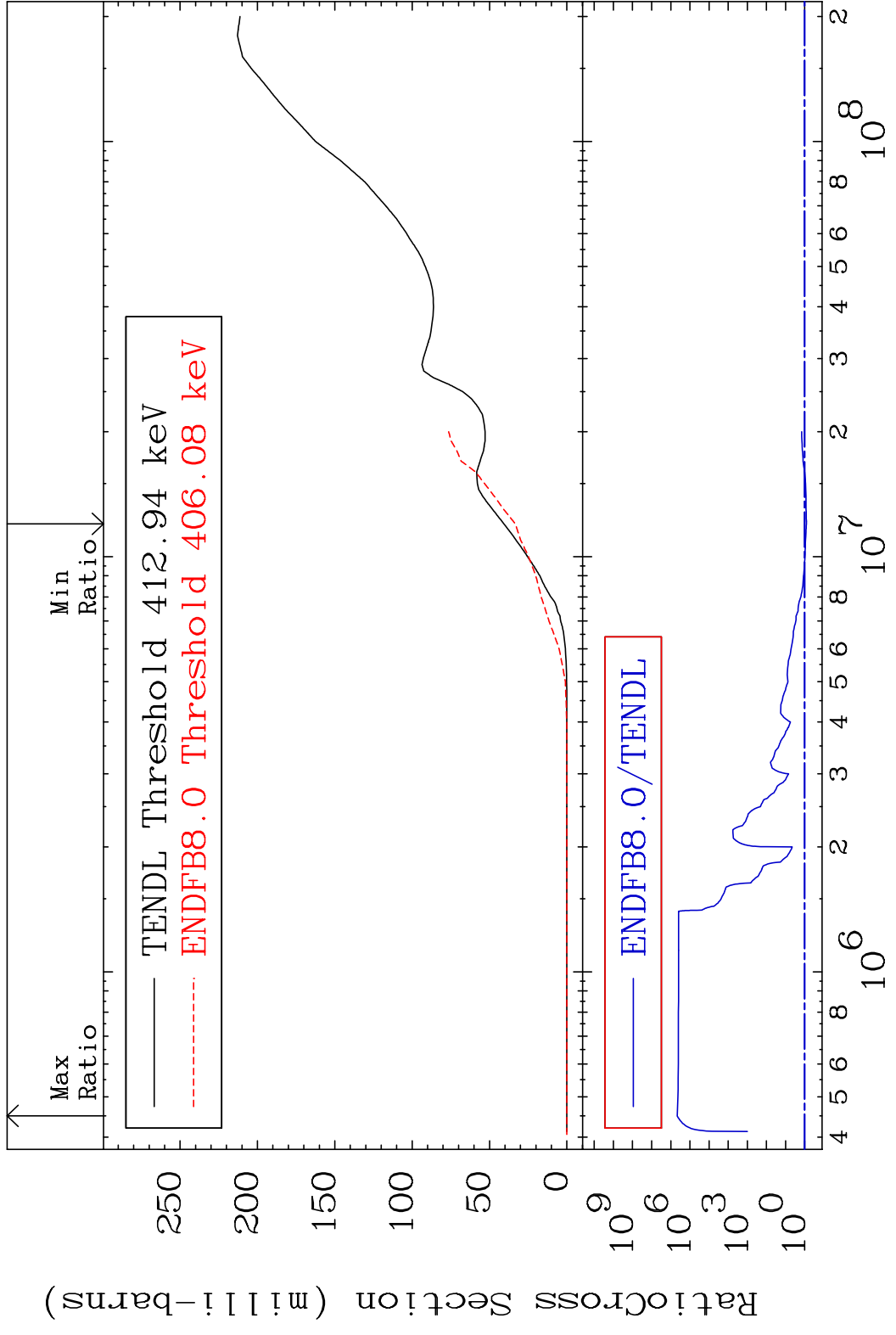
30 Incident Energy (eV) 21-Sc-45

Cross Section -68.73 To 9999. %

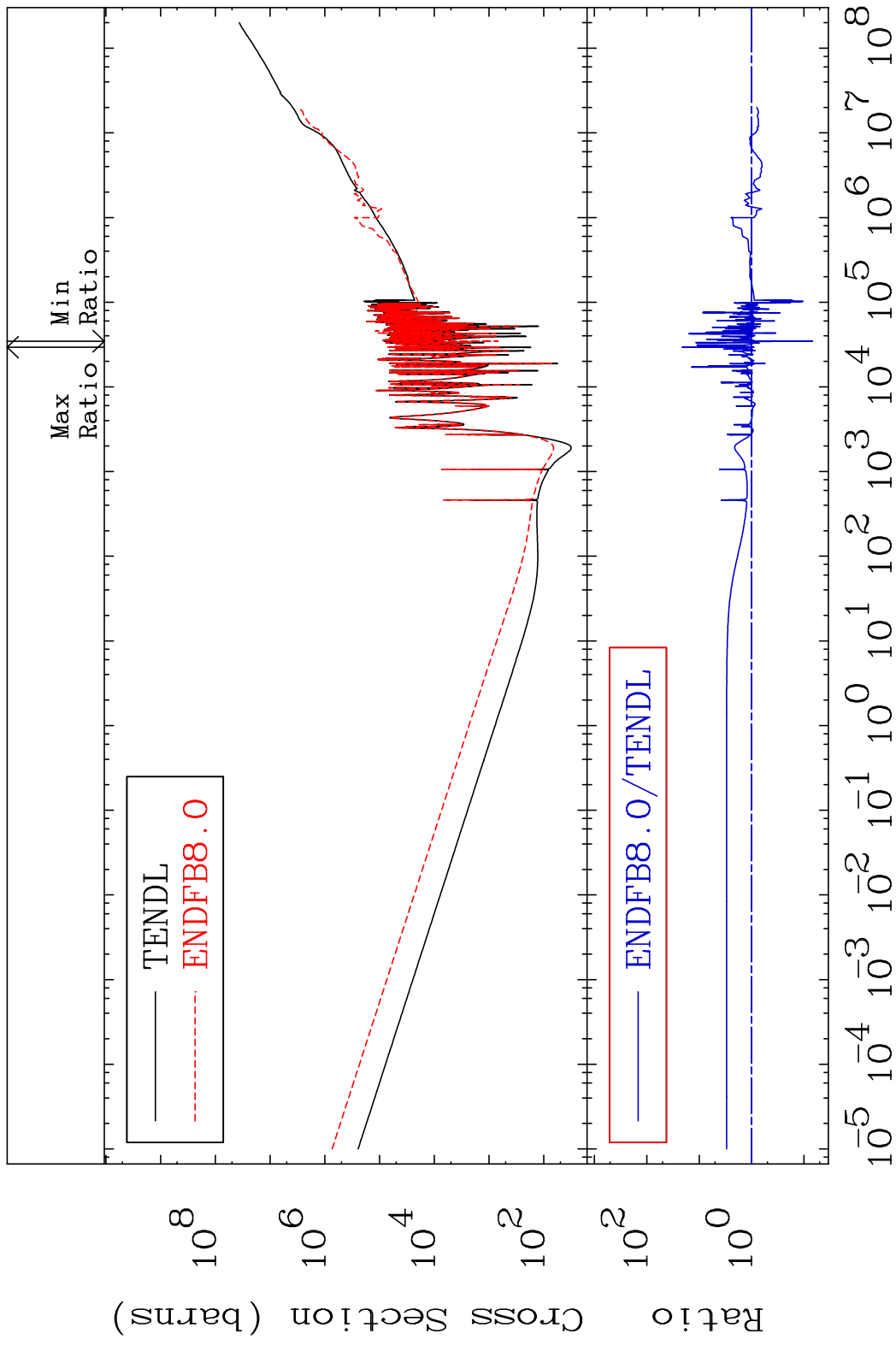




MAT 2125 He-4 Production 21-Sc-45  
 Cross Section -18.08 To 9999. %



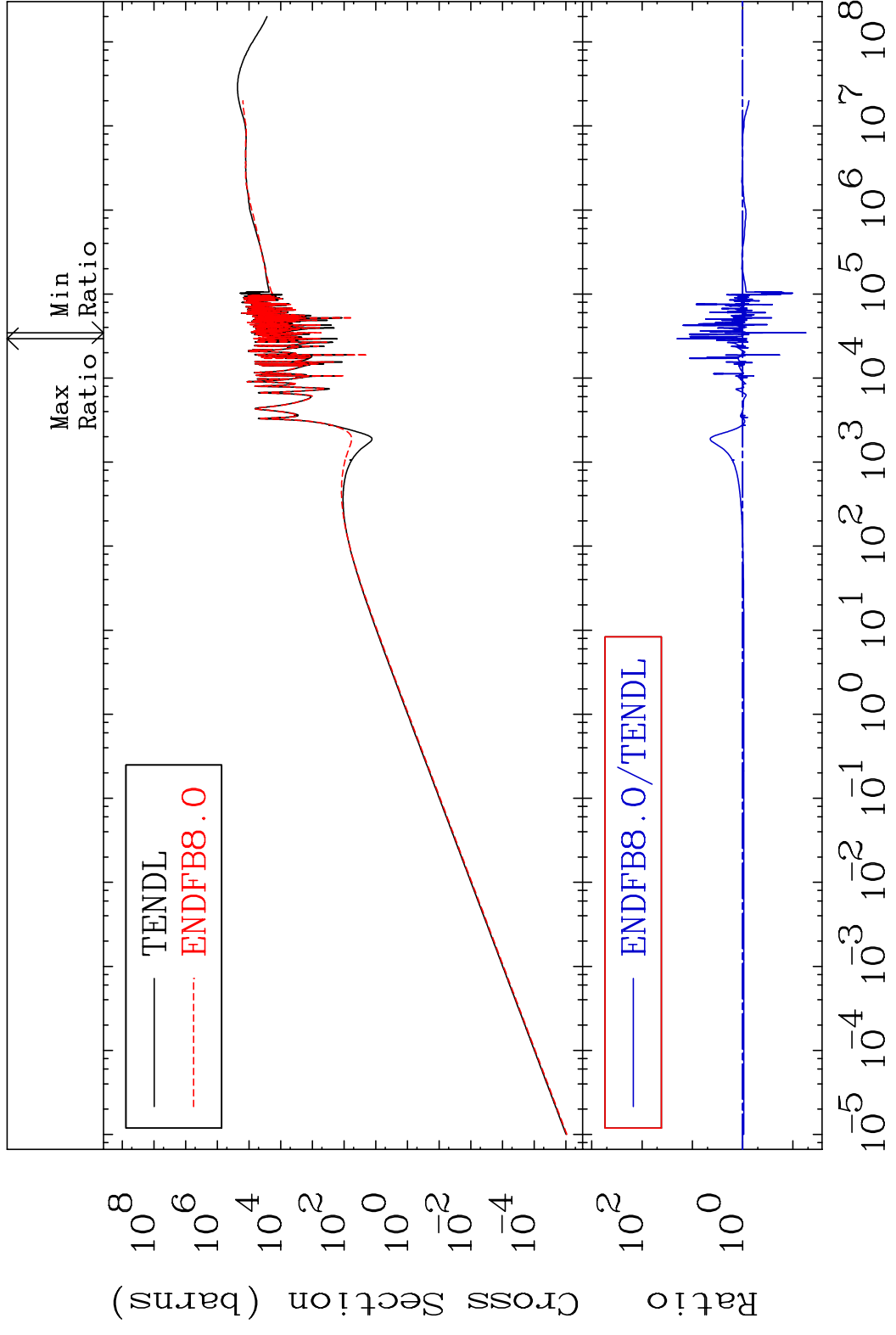
MAT 2125 Kerma total (eV-barns) 21-Sc-45  
 Cross Section -93.14 To 1992. %



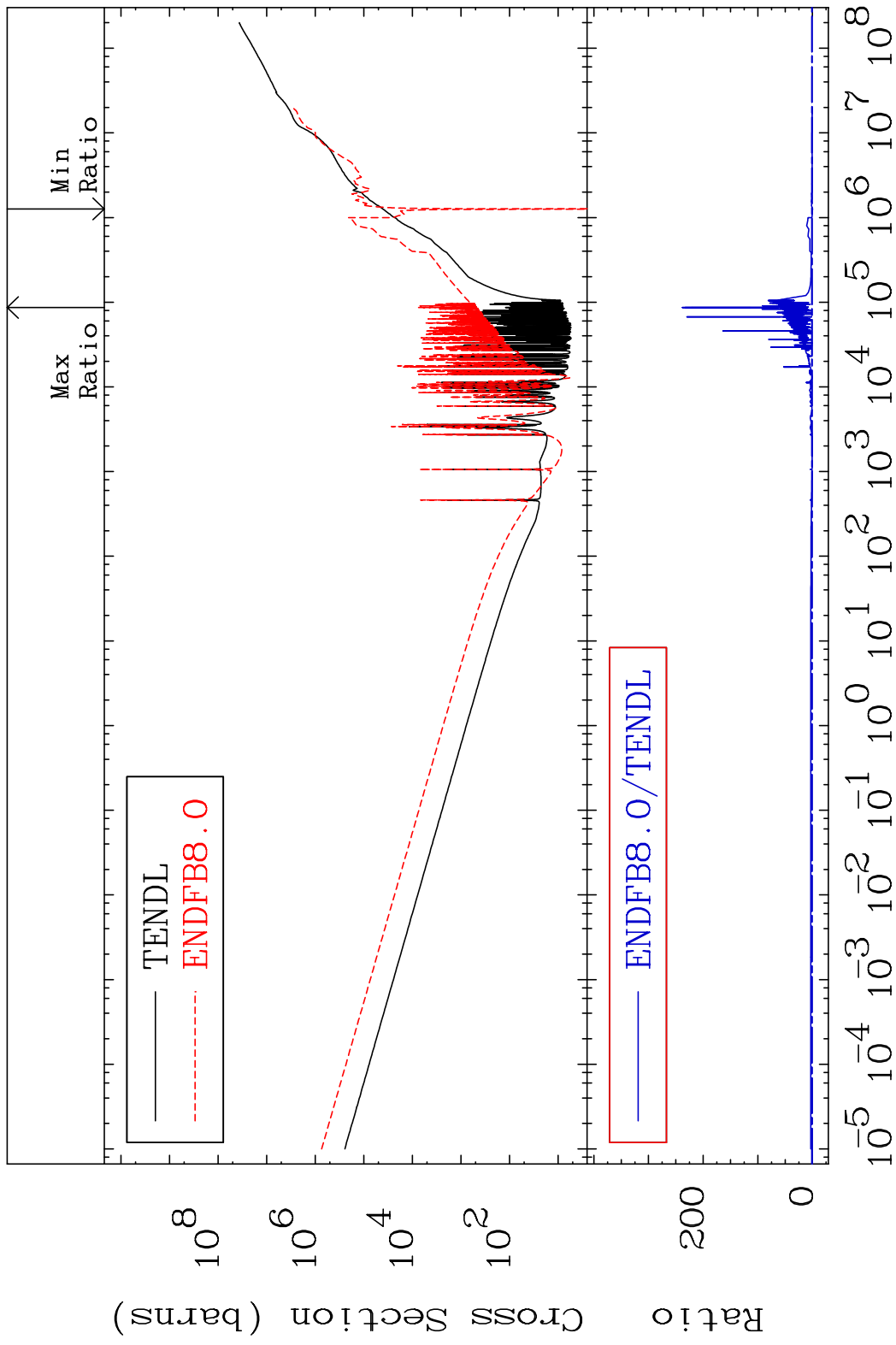
MAT 2125

Kerma elastic  
Cross Section

21-Sc-45  
-94.61 To 1900. %

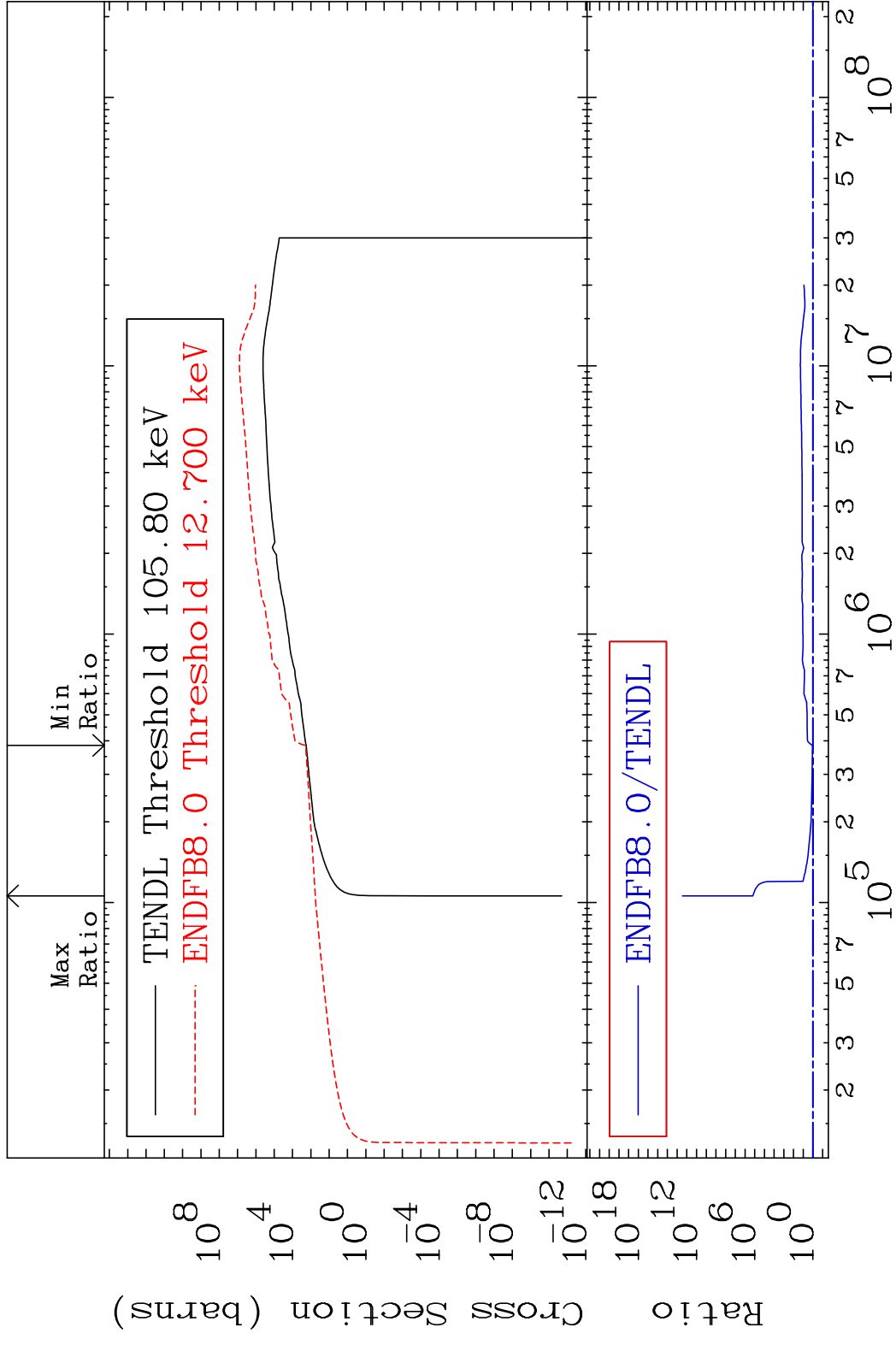


MAT 2125 Kerma non-elastic (all but mt2) 21-Sc-45  
 Cross Section -113.0 To 9999. %

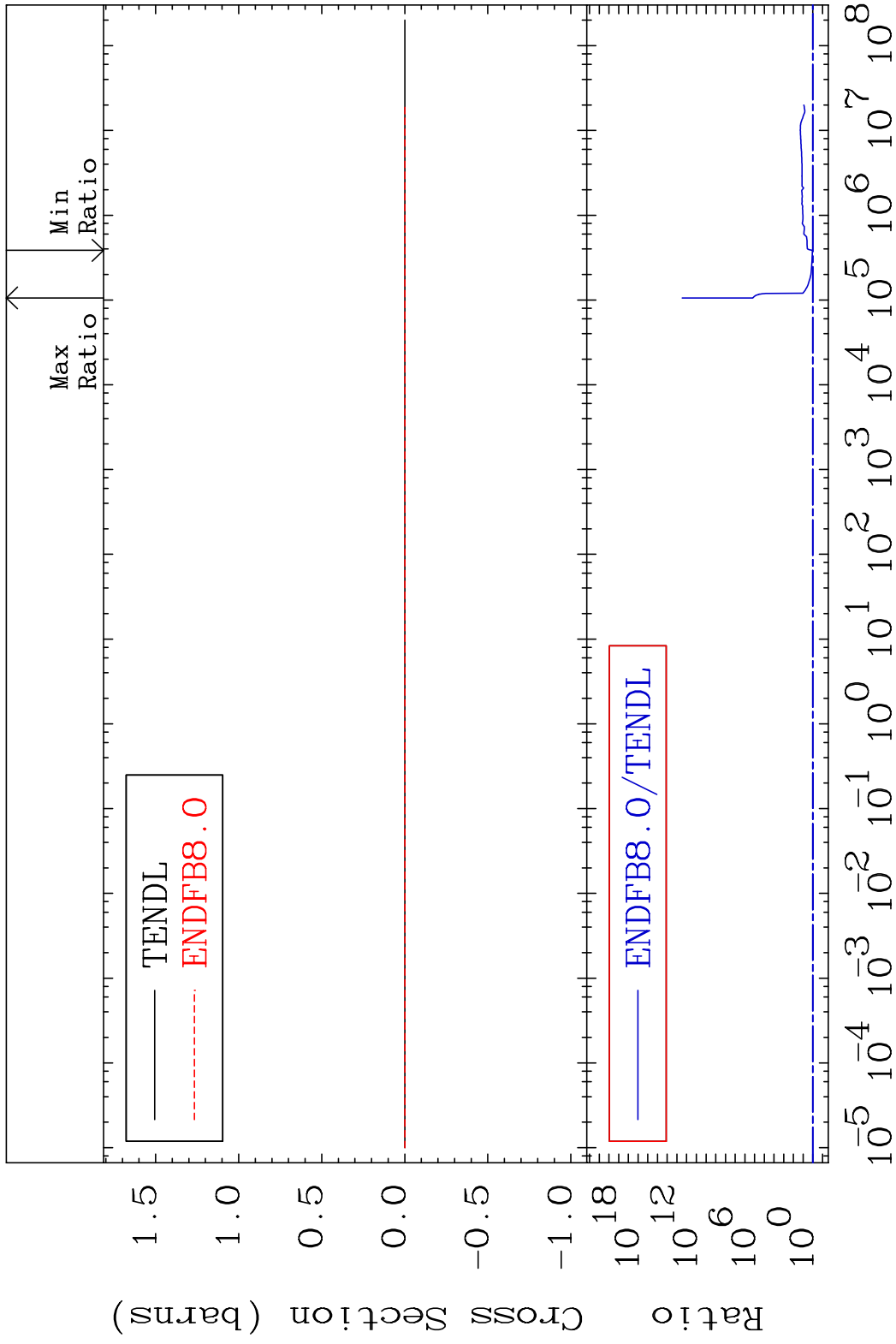


35 Incident Energy (eV) 21-Sc-45

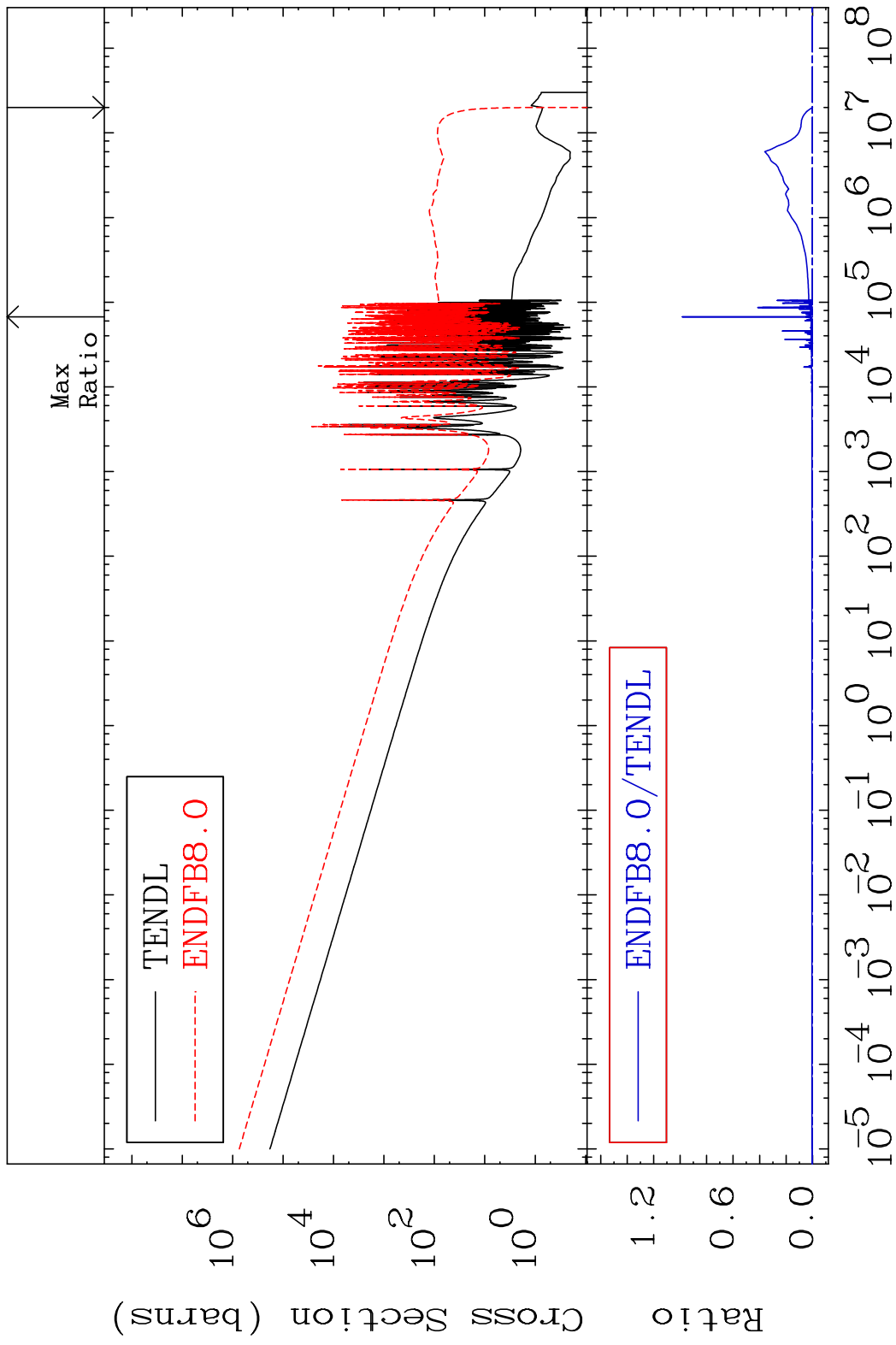
MAT 2125 Kerma inelastic (mt51-91) 21-Sc-45  
 Cross Section 9.128 To 9999. %



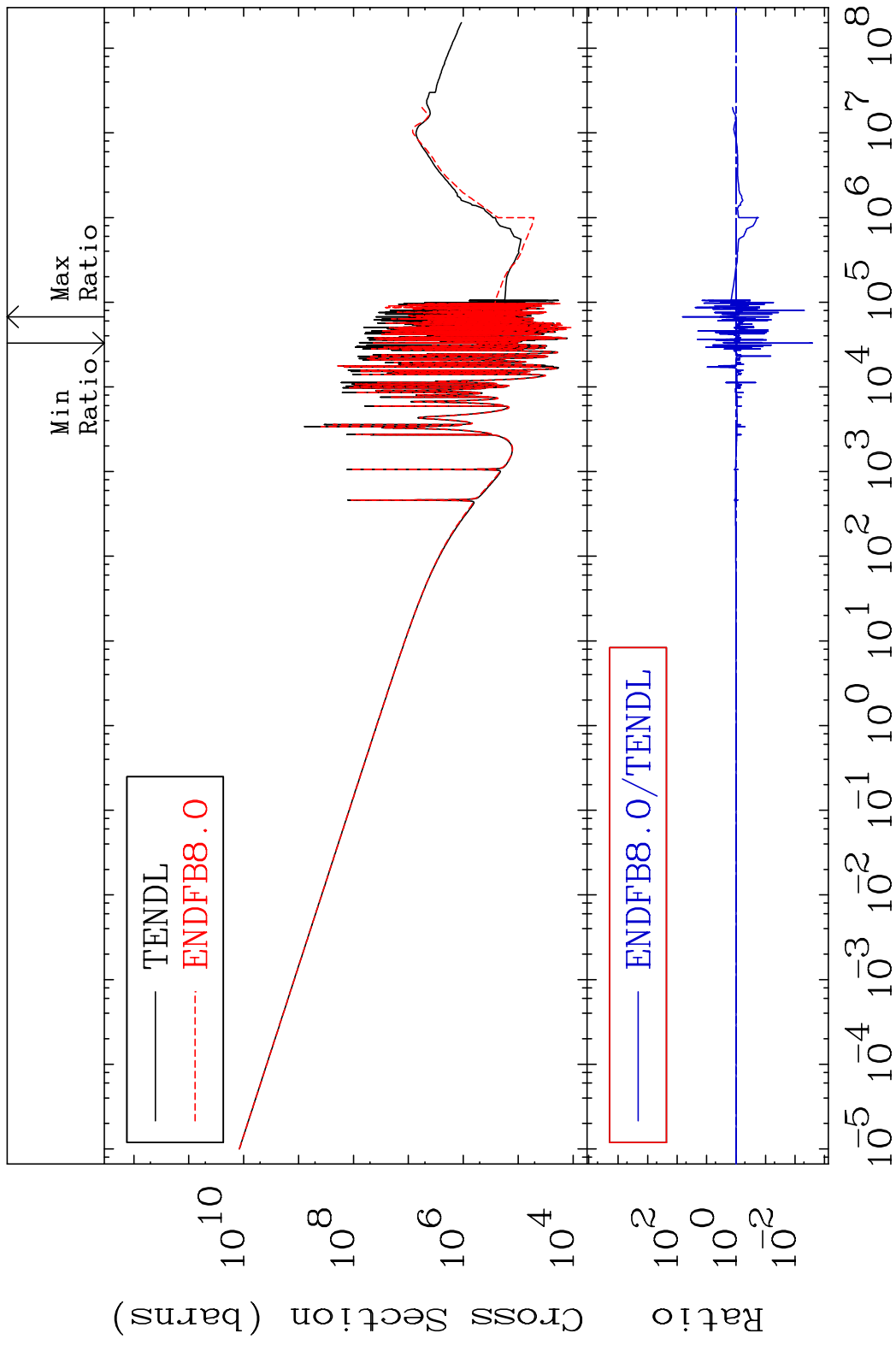
MAT 2125 Kerma fission (mt18 or mt19-20-21-38) 21-Sc-45  
 Cross Section 9.128 To 9999. %



MAT 2125 Kerma capture (mt102) 21-Sc-45  
 Cross Section -100.0 To 9999. %



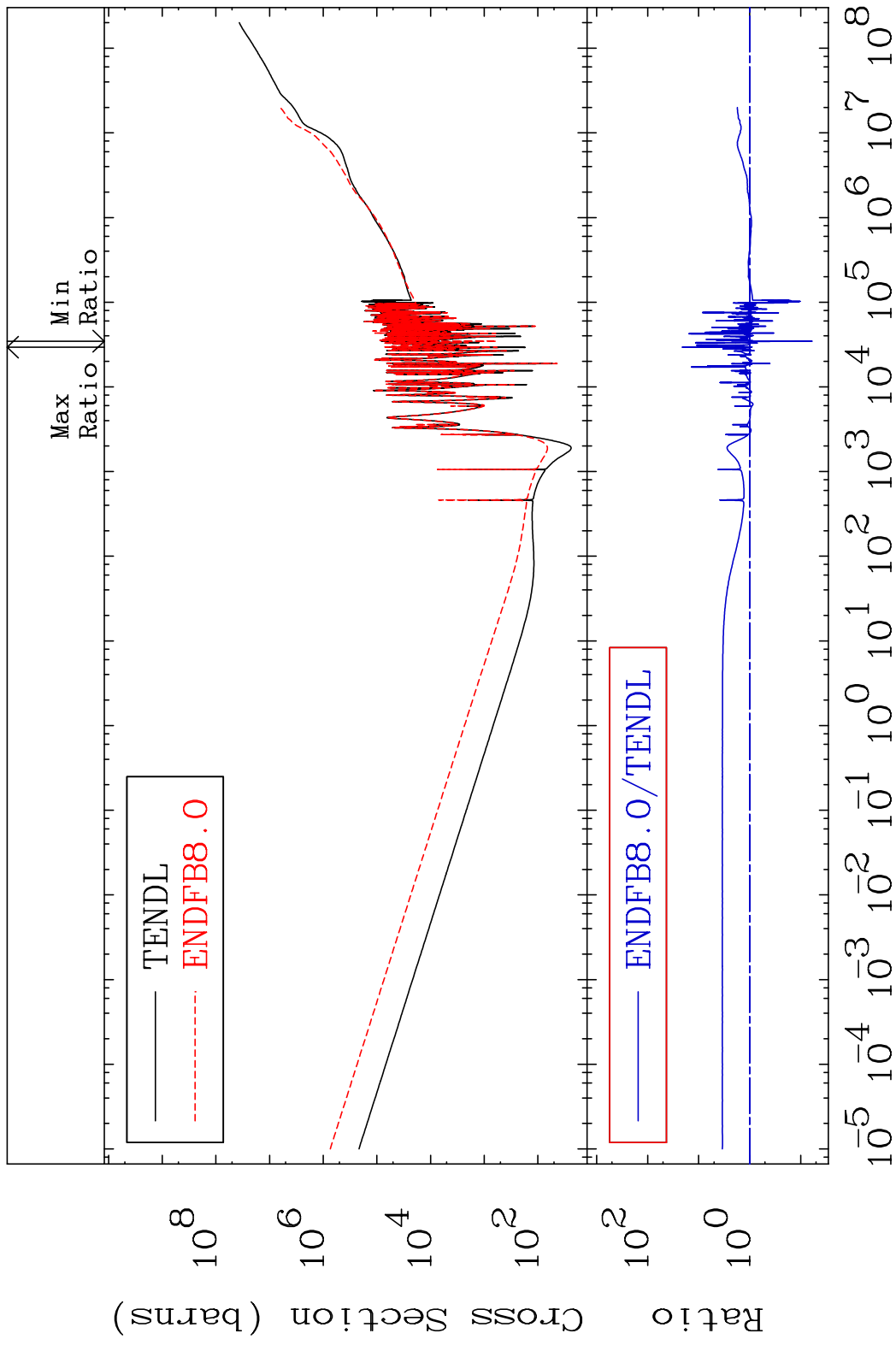
MAT 2125 Total photon (eV-barns) 21-Sc-45  
Cross Section -99.75 To 6550. %



39 Incident Energy (eV) 21-Sc-45

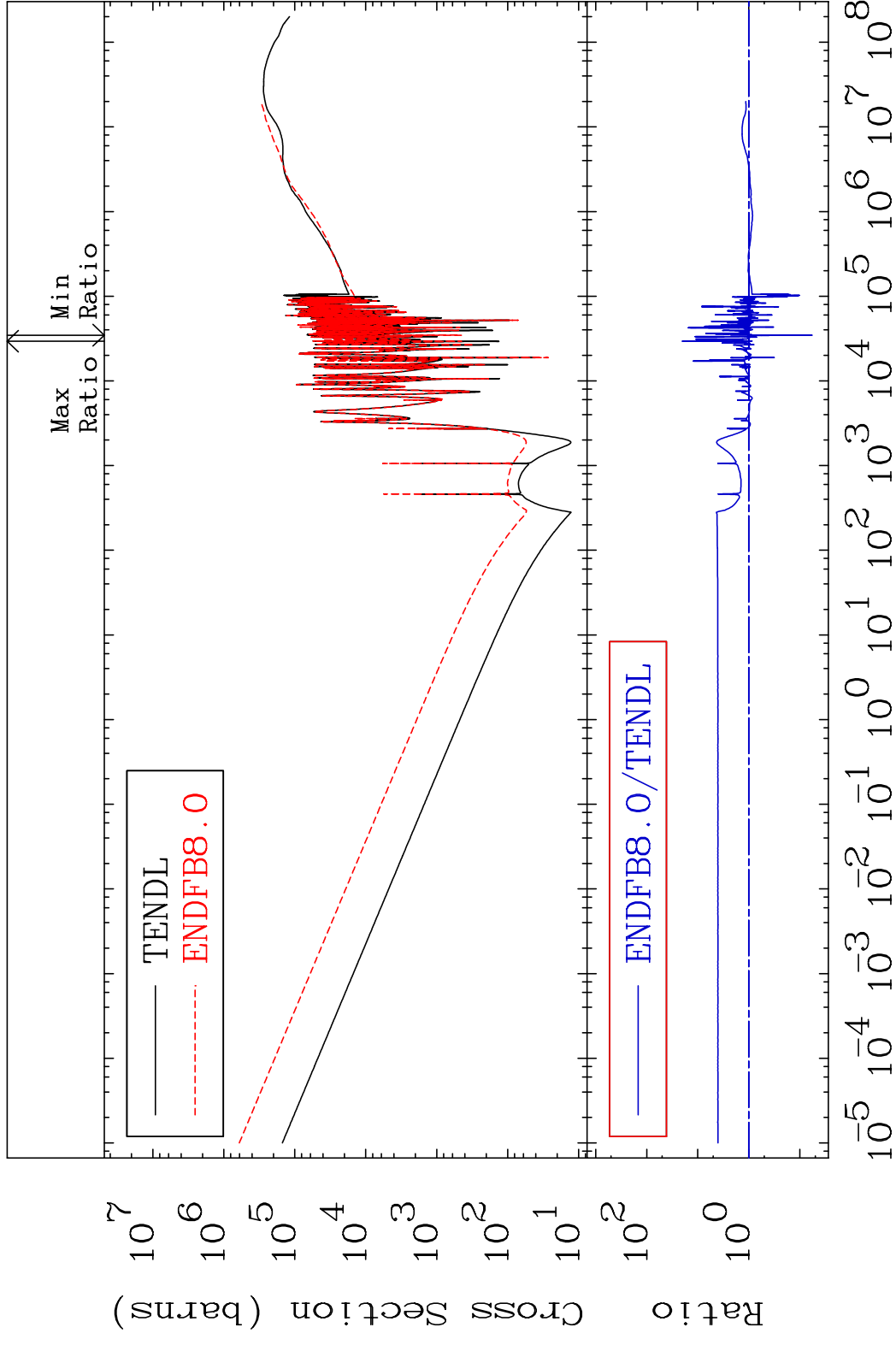


MAT 2125 Total kinematic kerma (high limit) 21-Sc-45  
 Cross Section -94.15 To 1990. %



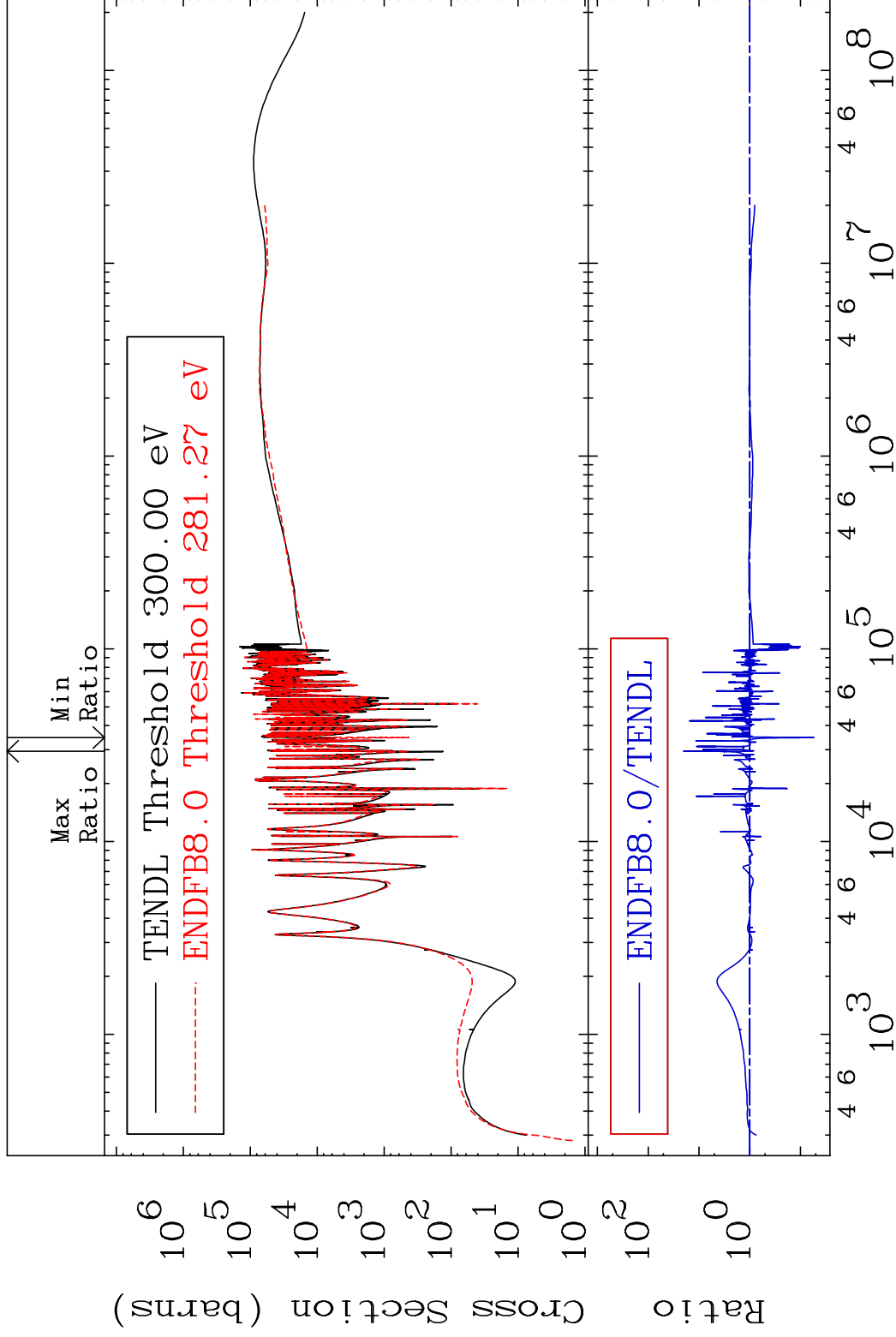
40 Incident Energy (eV) 21-Sc-45

MAT 2125      Dpa total (eV-barns)      21-Sc-45  
 Cross Section      -94.35 To 1904. %



MAT 2125

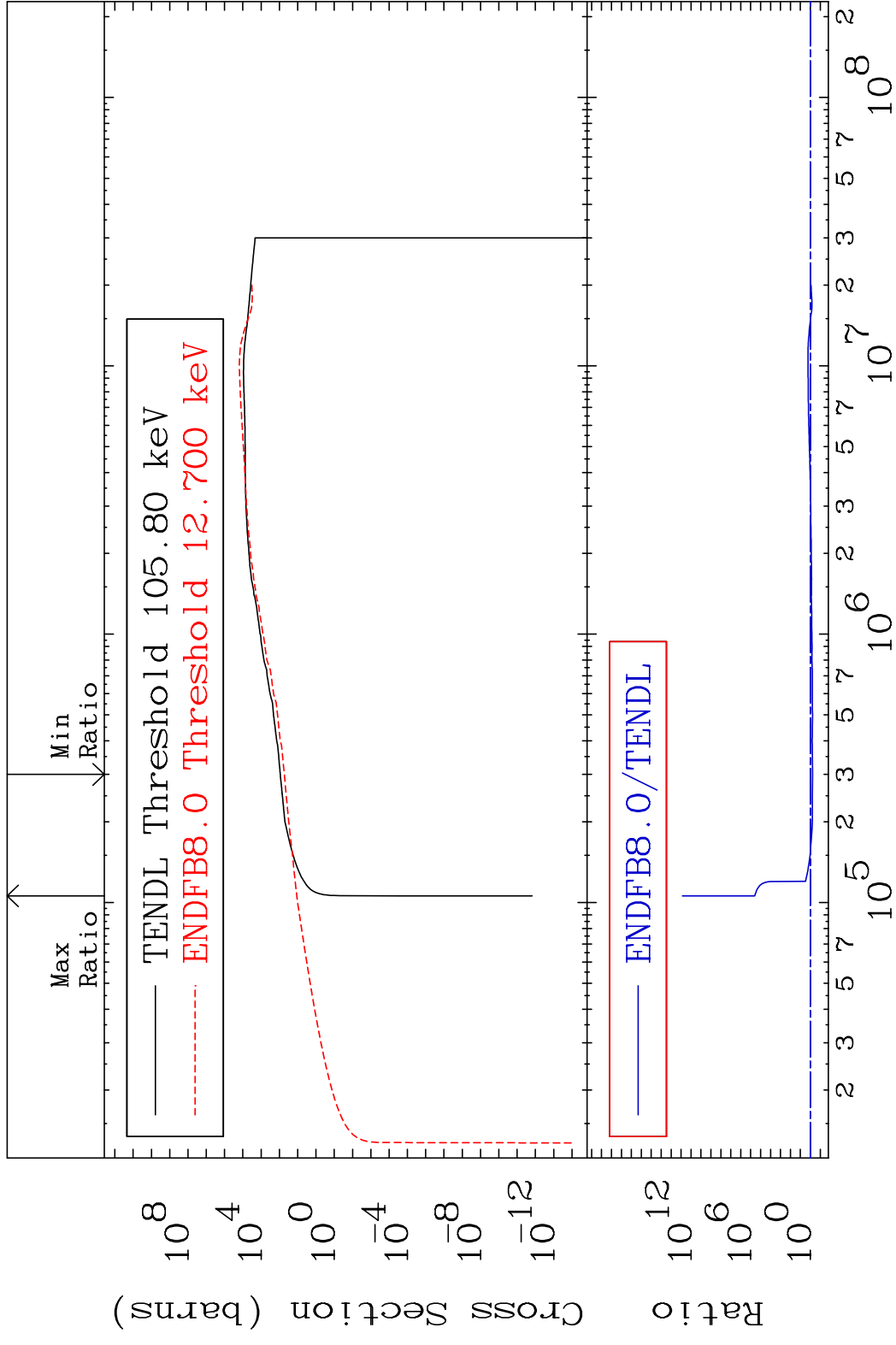
Dpa elastic (mt2) 21-Sc-45  
Cross Section -94.61 To 1901. %



42

Incident Energy (eV) 21-Sc-45

MAT 2125 Dpa inelastic (mt51-91) 21-Sc-45  
 Cross Section -40.12 To 9999. %



MAT 2125 Dpa disappearance (mt102 -120) 21-Sc-45  
 Cross Section -98.97 To 9999. %

