

Program Complot  
(Version 2021-1)

by

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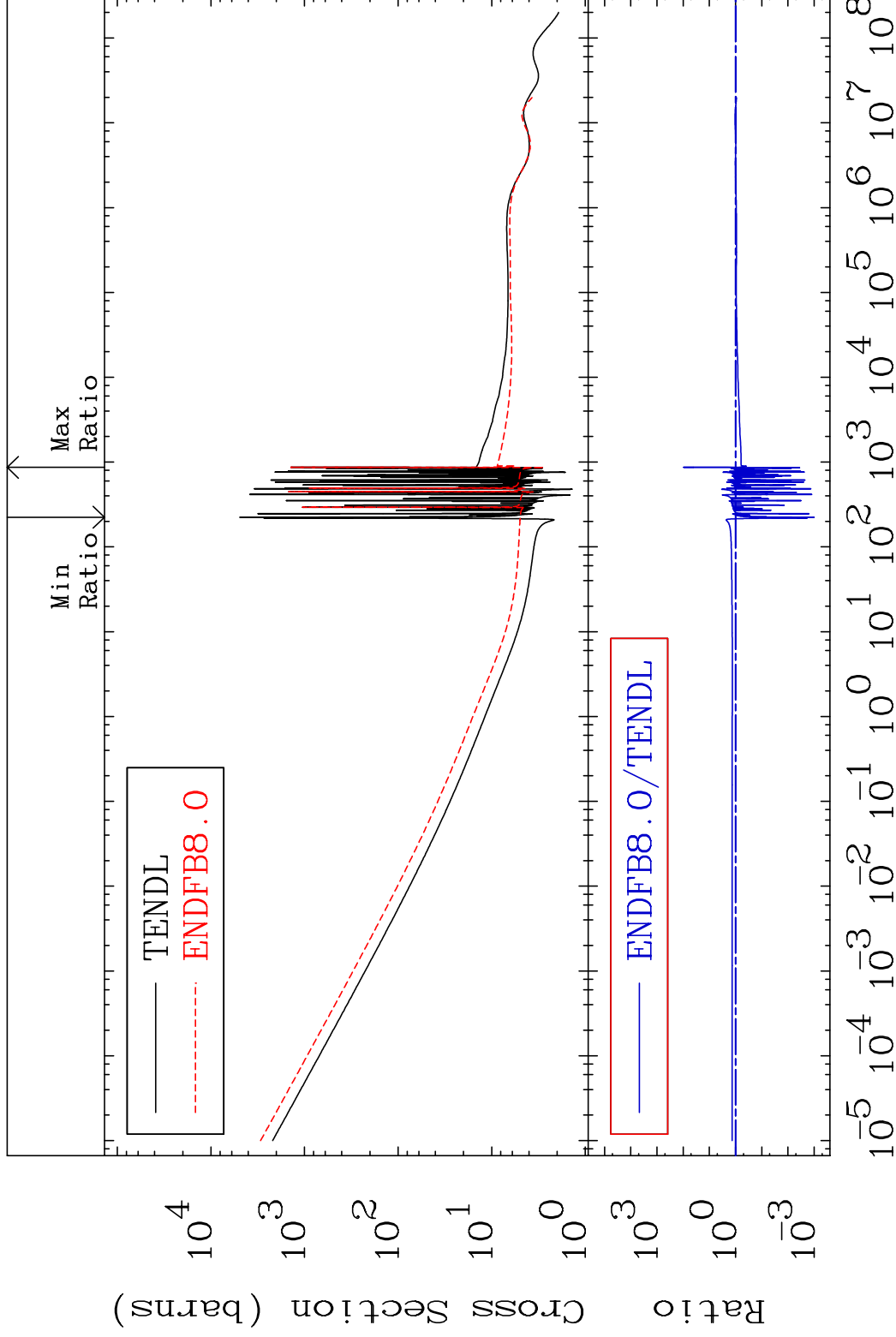
Press Mouse Button to Start

MAT 5034

Total

50-Sn-115

Cross Section -99.90 To 9495. %



1

Incident Energy (eV)

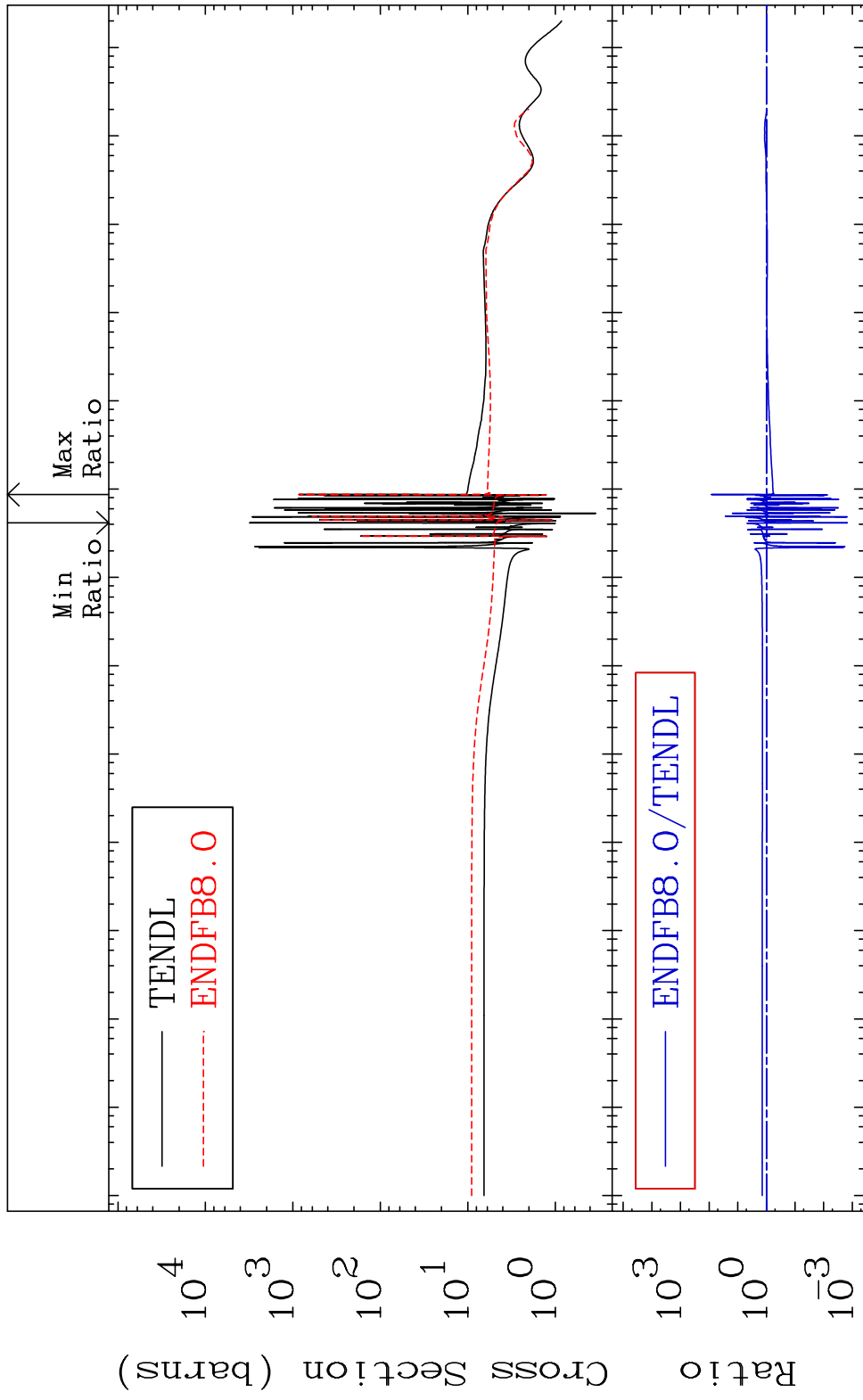
50-Sn-115

MAT 5034

Elastic

50-Sn-115

Cross Section -99.85 To 8135. %

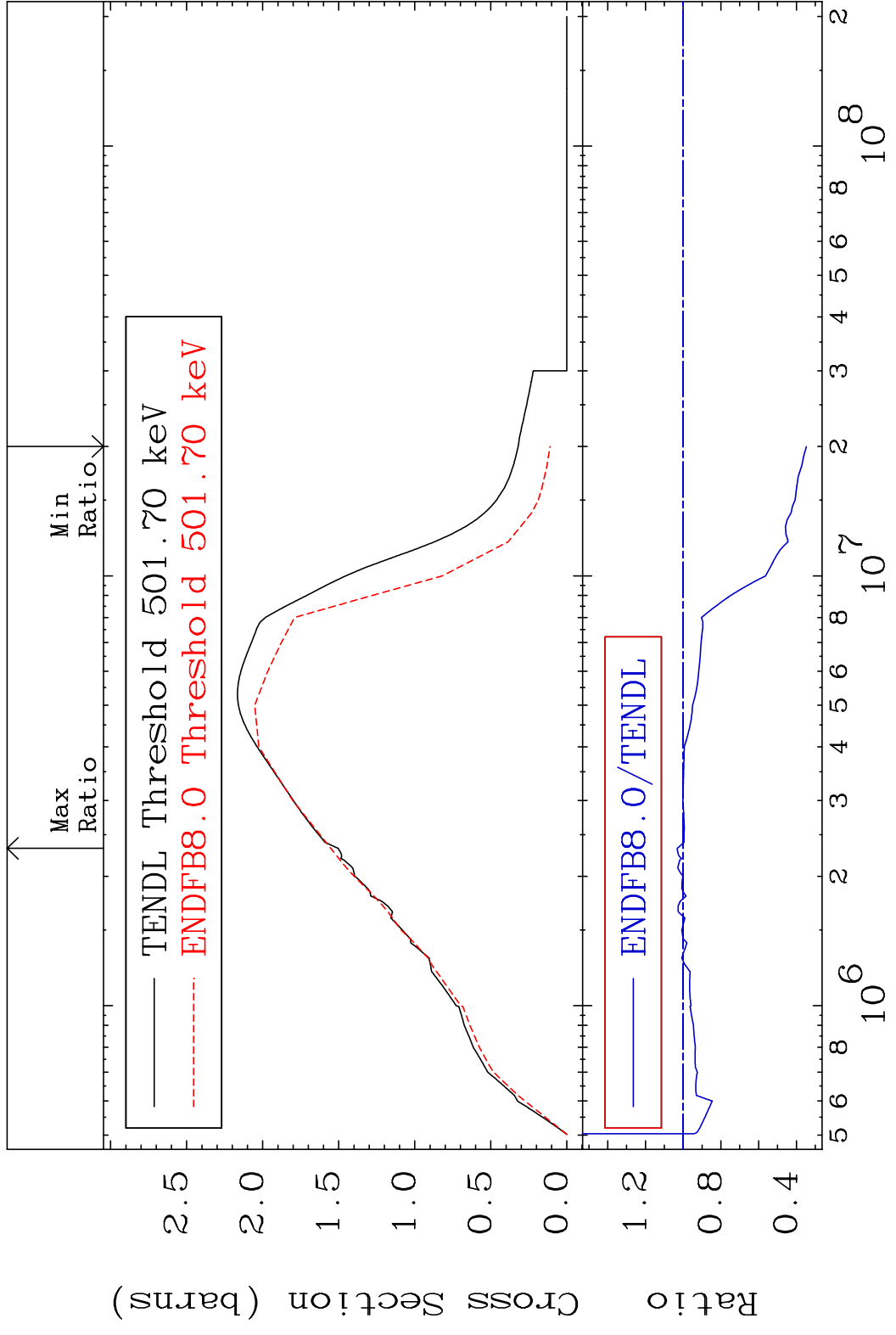


2

Incident Energy (eV)

50-Sn-115

MAT 5034 Inelastic Cross Section 50-Sn-115  
 -65.30 To 3.180 %



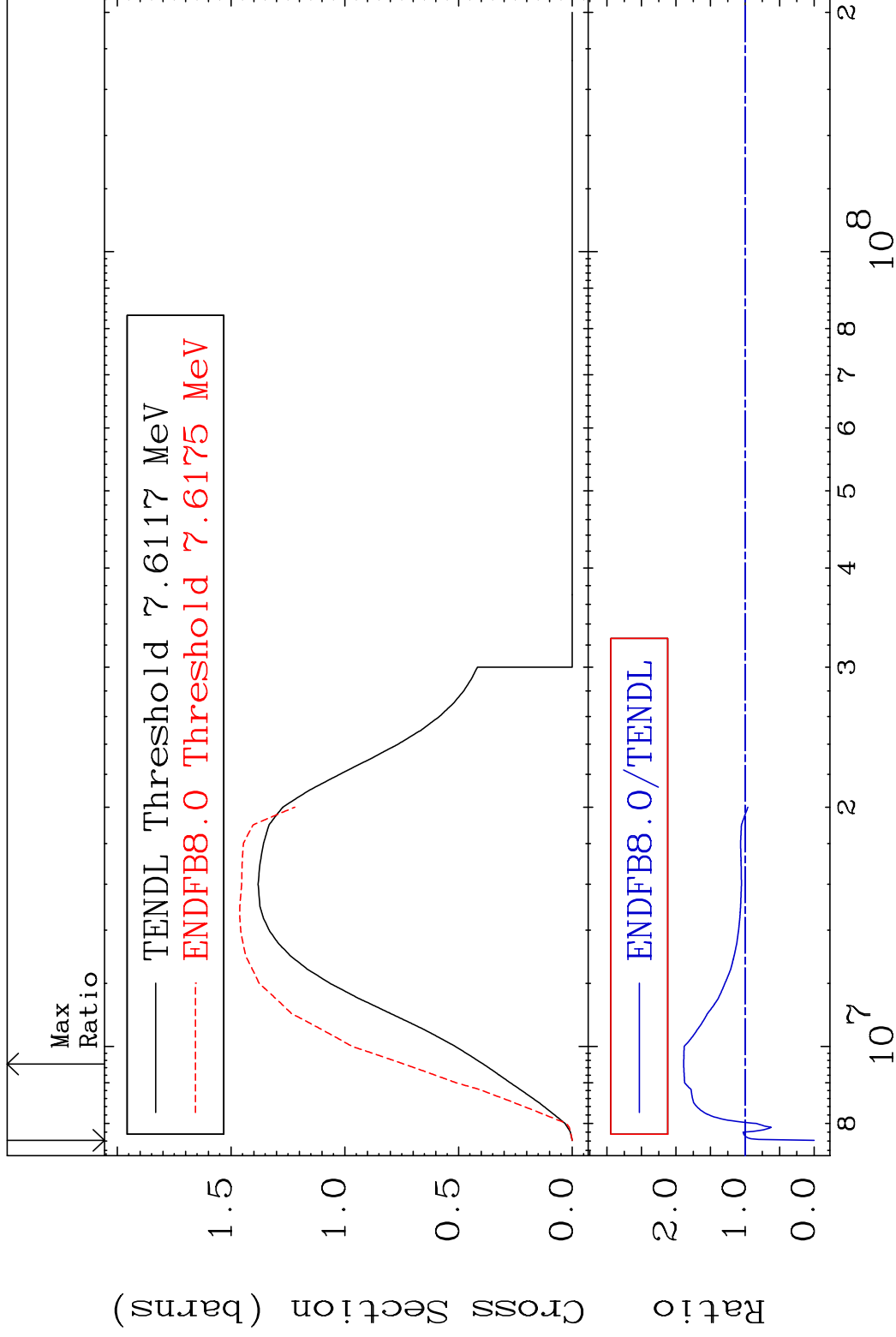
3 Incident Energy (eV) 50-Sn-115

MAT 5034

(n,2n)

50-Sn-115

Cross Section -100.0 To 88.92 %



50-Sn-115

Incident Energy (eV)

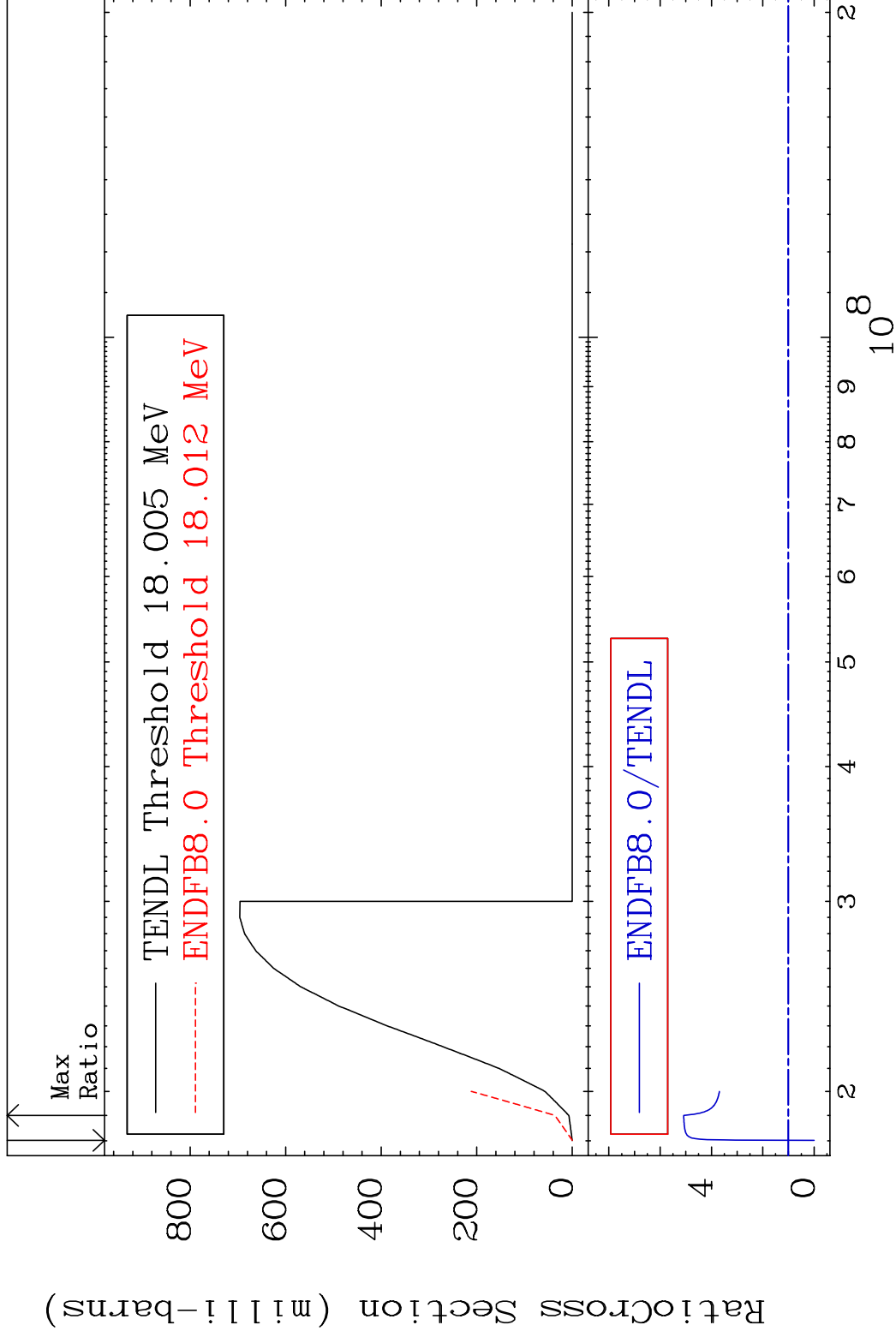
4

MAT 5034

(n,3n)

50-Sn-115

Cross Section -100.0 To 408.4 %



5

Incident Energy (eV)

50-Sn-115

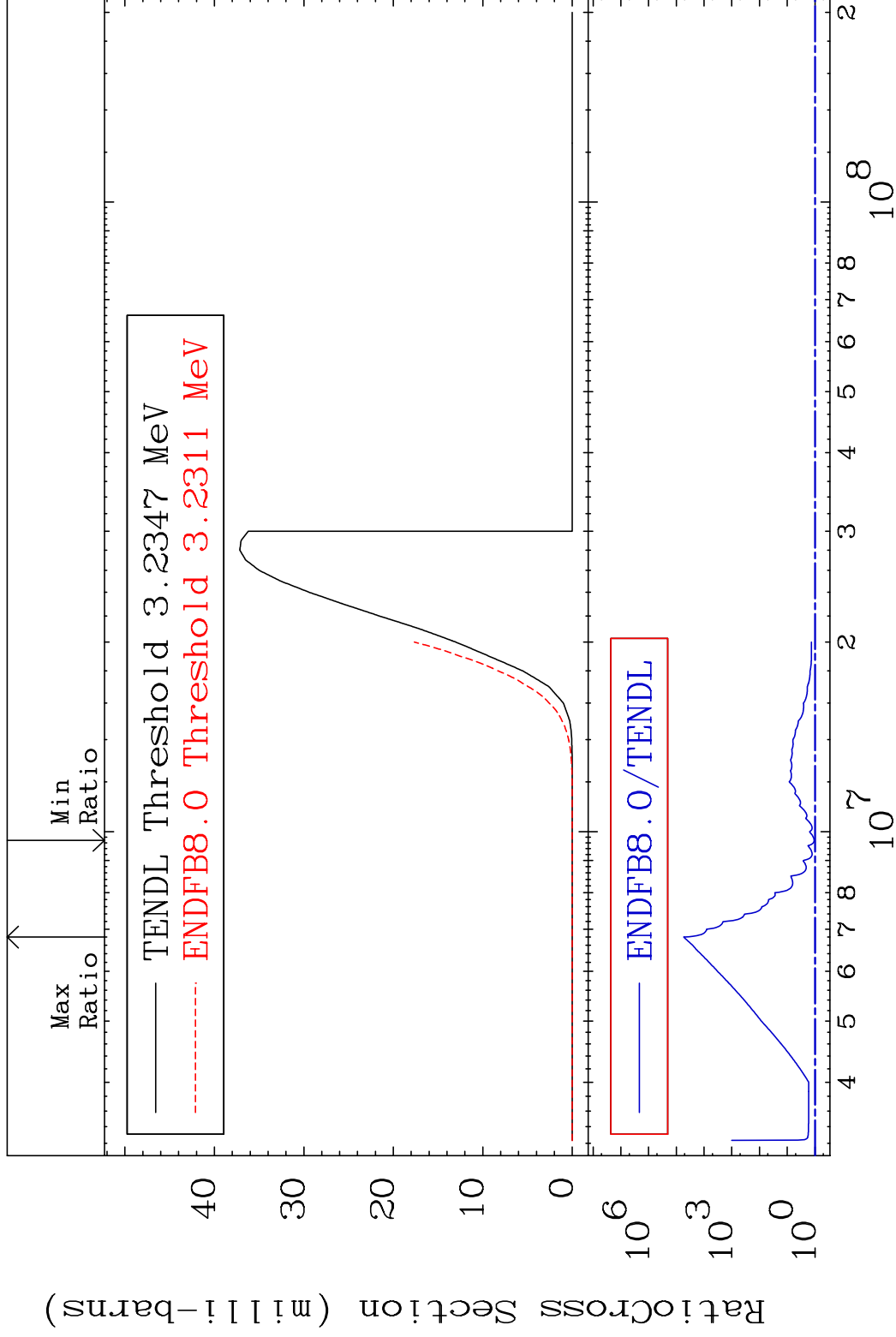
MAT 5034

(n, n')  $\alpha$

50-Sn-115

Cross Section 7.521

To 9999. %

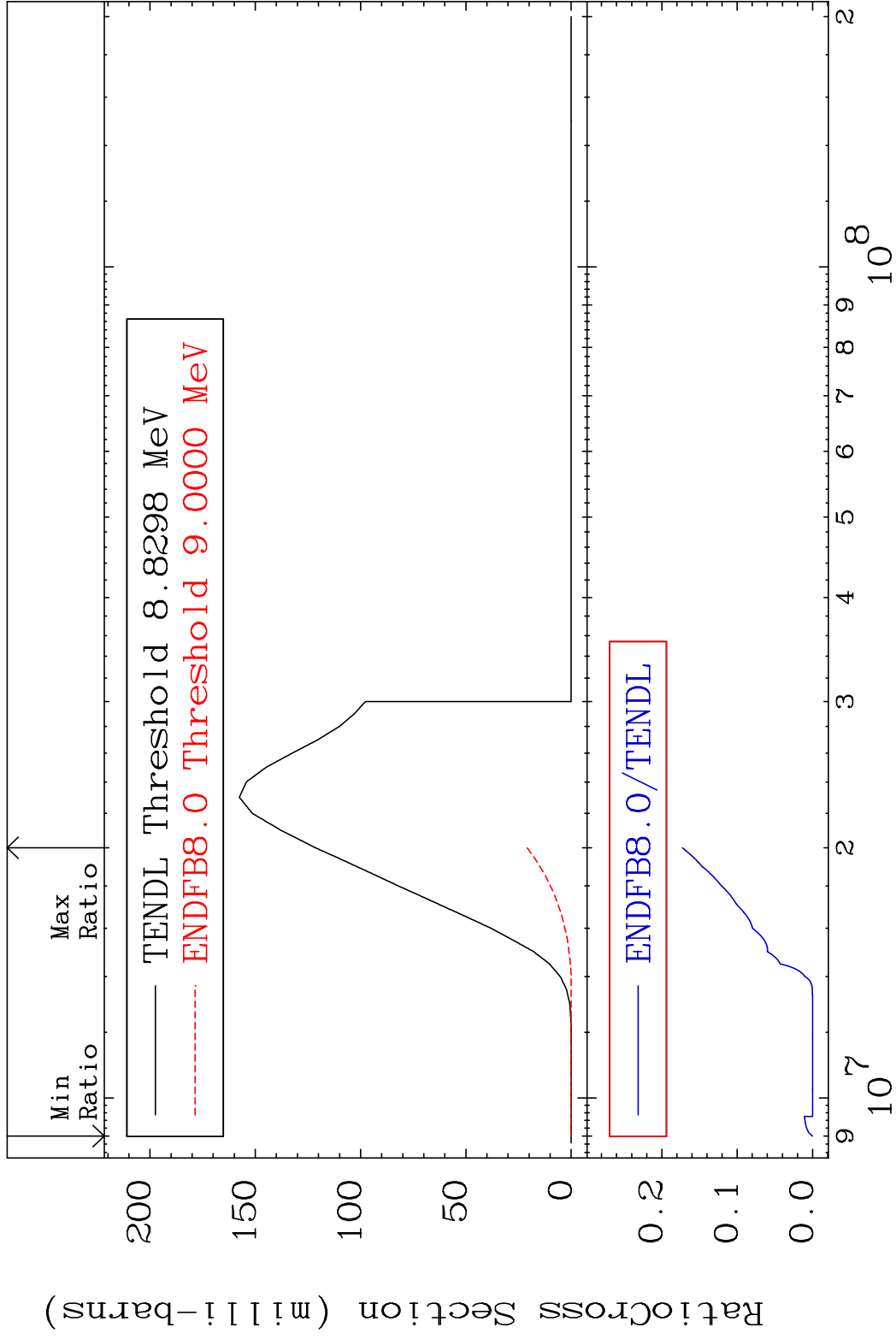


MAT 5034

(n, n') p

50-Sn-115

Cross Section -100.0 To -82.73%



7

Incident Energy (eV)

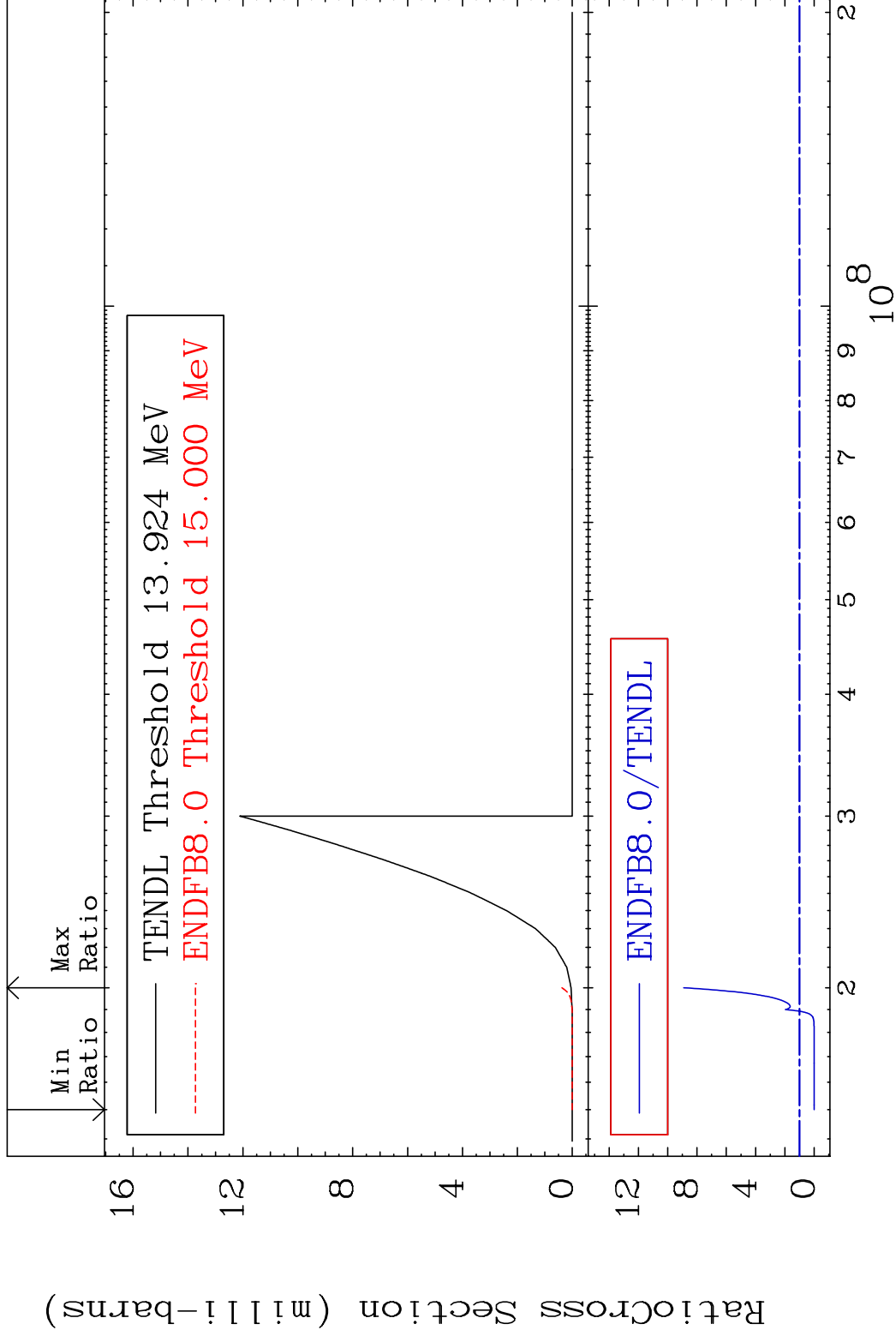
50-Sn-115

MAT 5034

(n, n') d

50-Sn-115

Cross Section -100.0 To 791.4 %

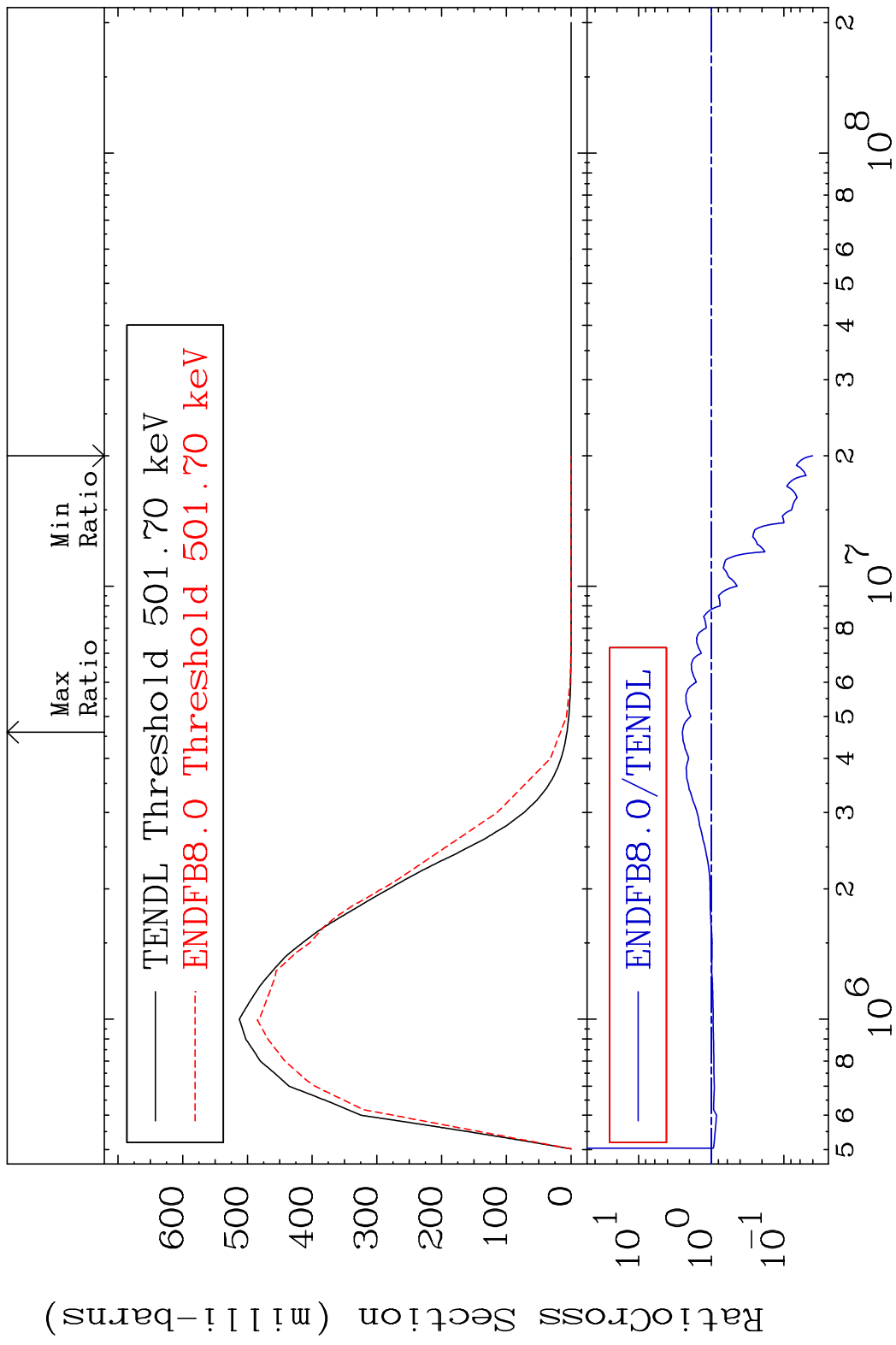


8

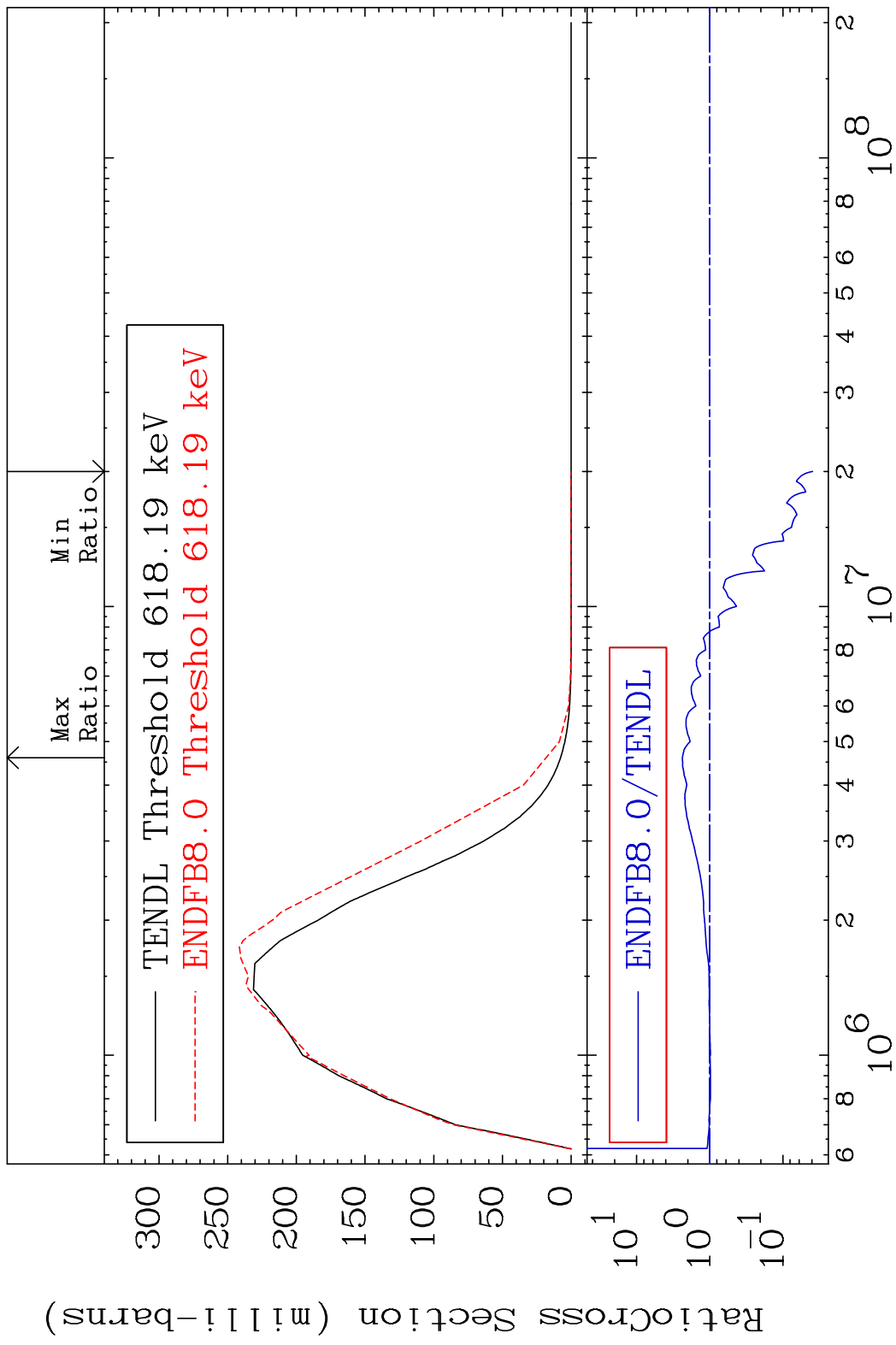
Incident Energy (eV)

50-Sn-115

MAT 5034 MT= 51 (n, n') Level 50-Sn-115  
 Cross Section -95.97 To 150.4 %

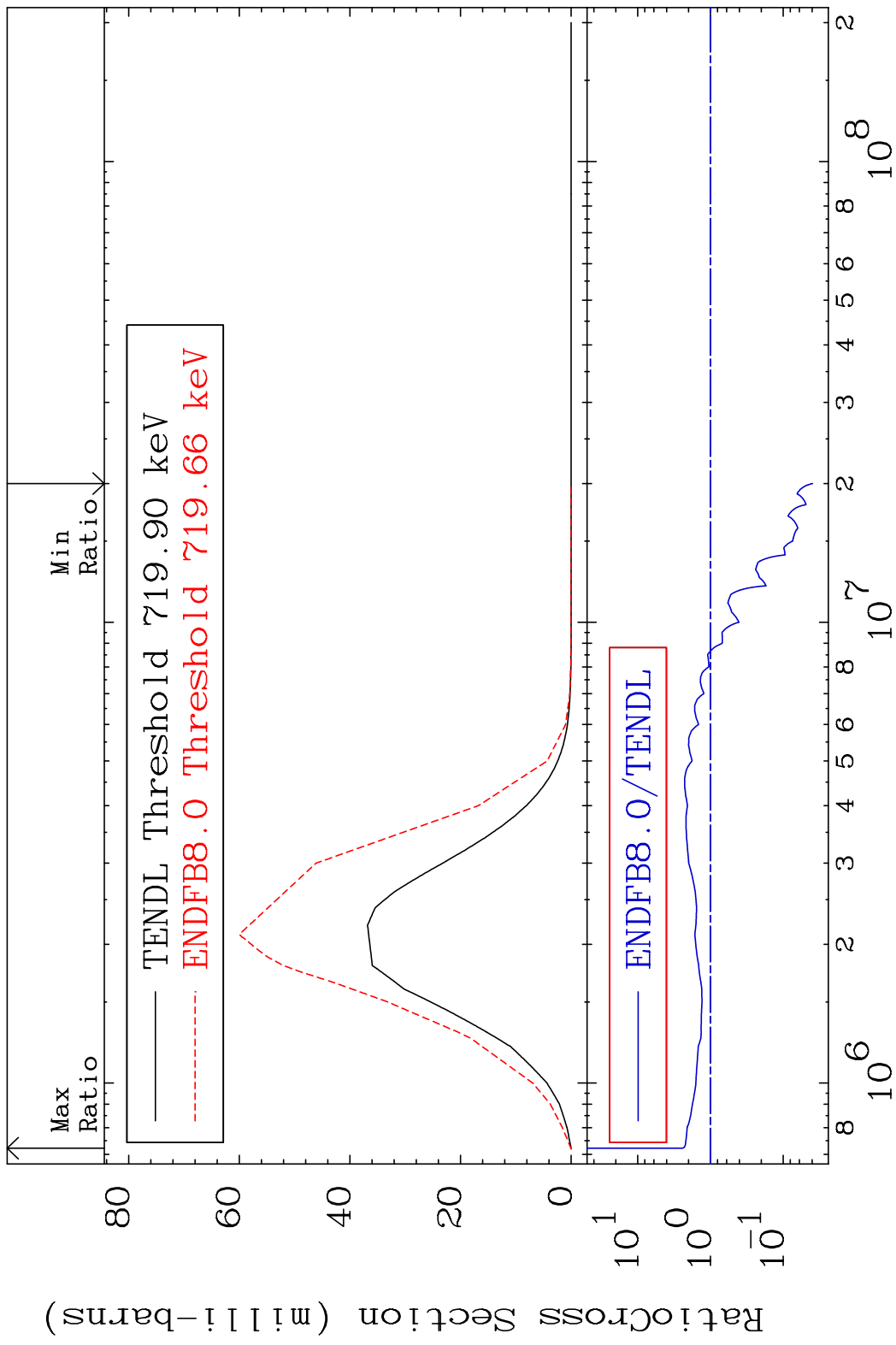


MAT 5034 MT= 52 (n, n') Level 50-Sn-115  
 Cross Section -96.07 To 137.1 %



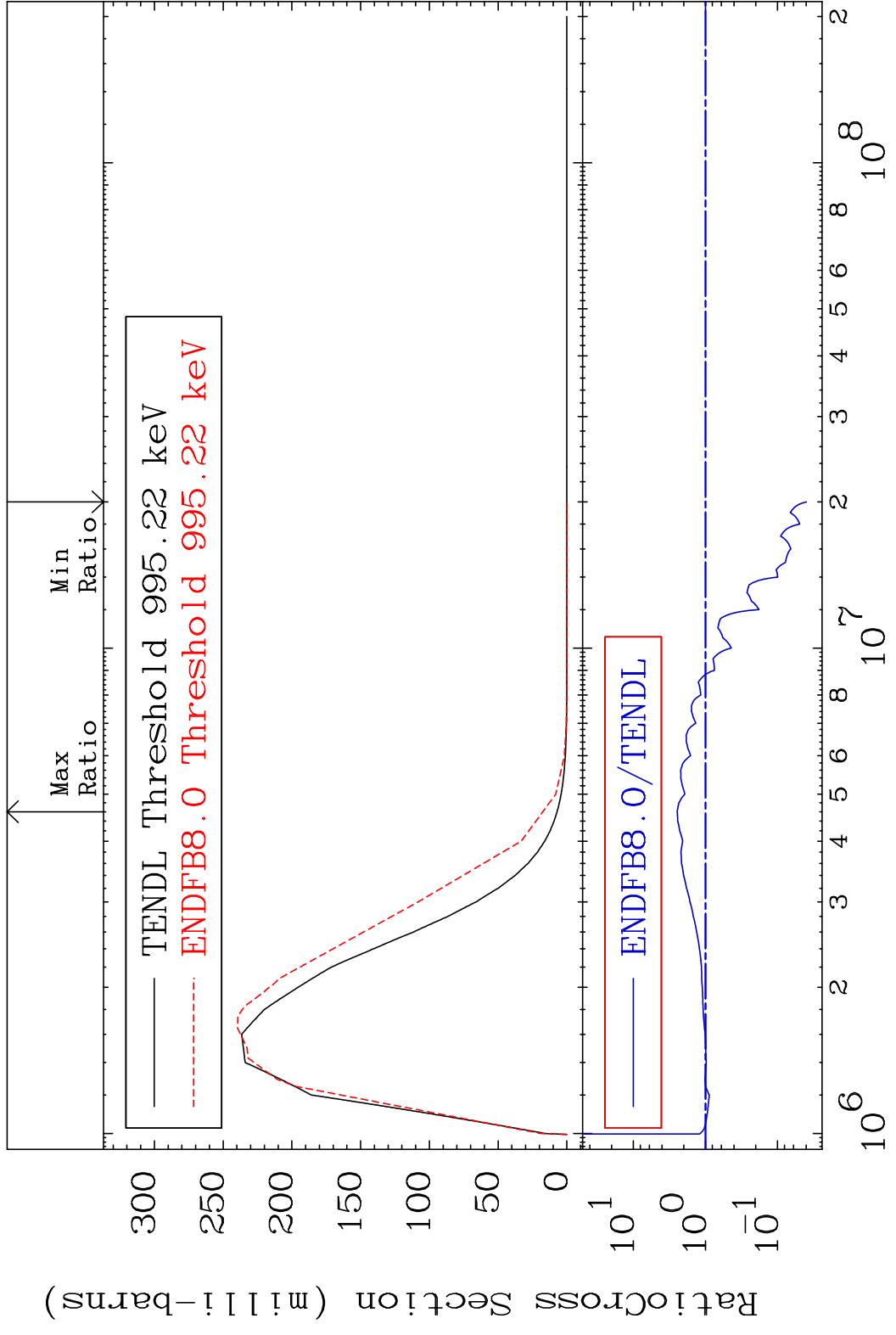
10 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 53 (n, n') Level 50-Sn-115  
 Cross Section -96.06 To 142.9 %



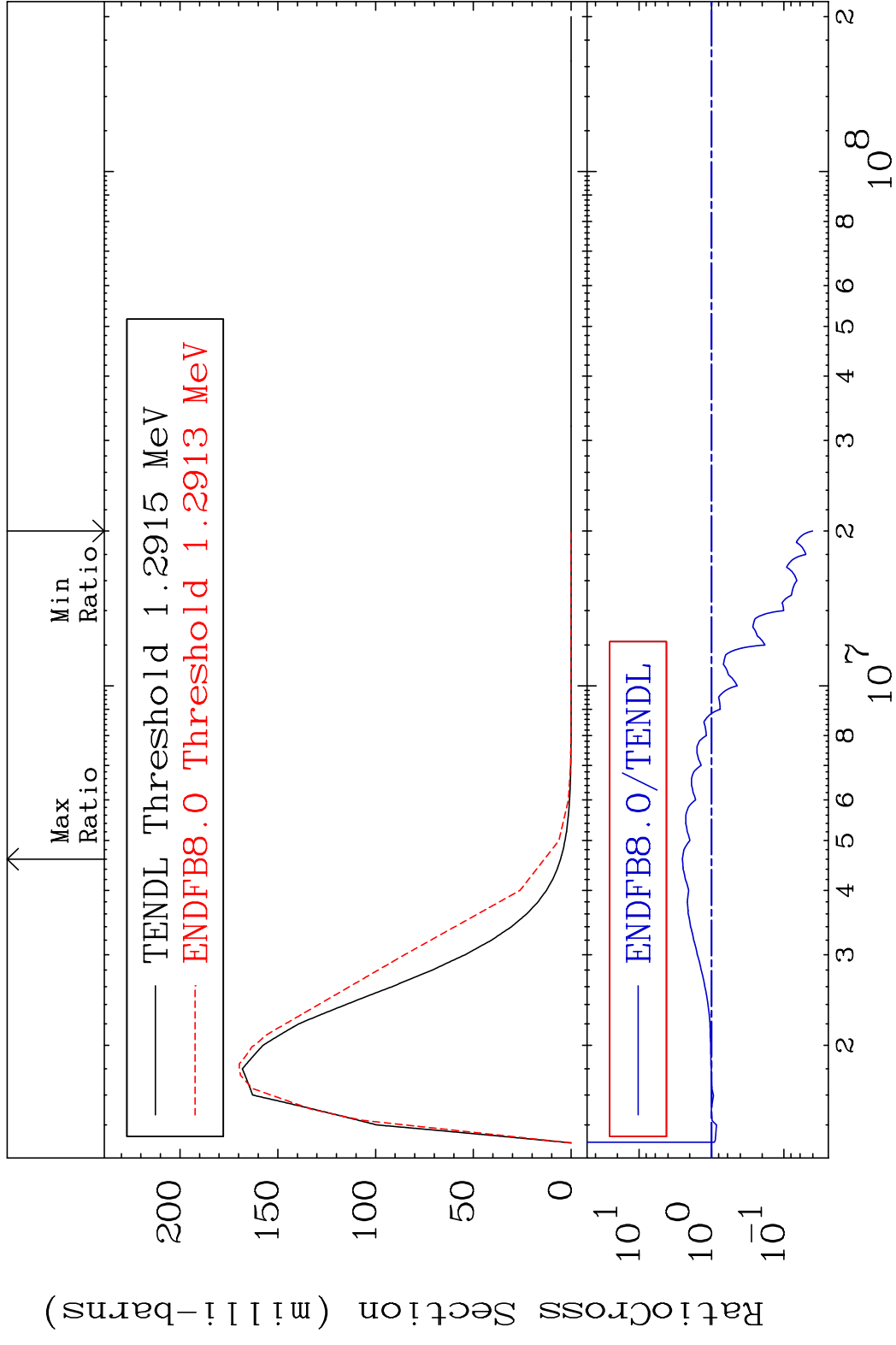
11 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 54 (n, n') Level 50-Sn-115  
 Cross Section -96.02 To 146.3 %

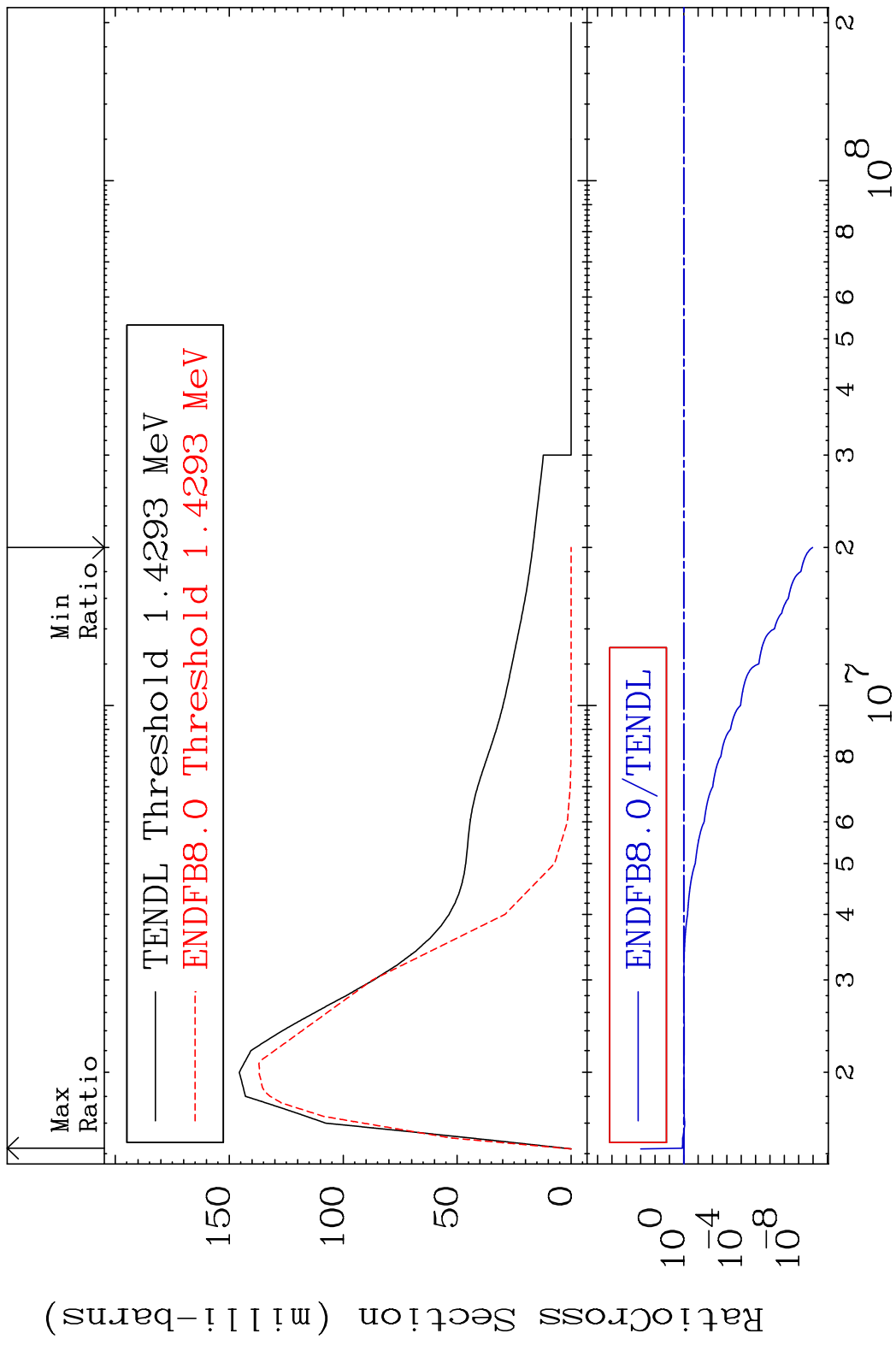


12 50-Sn-115

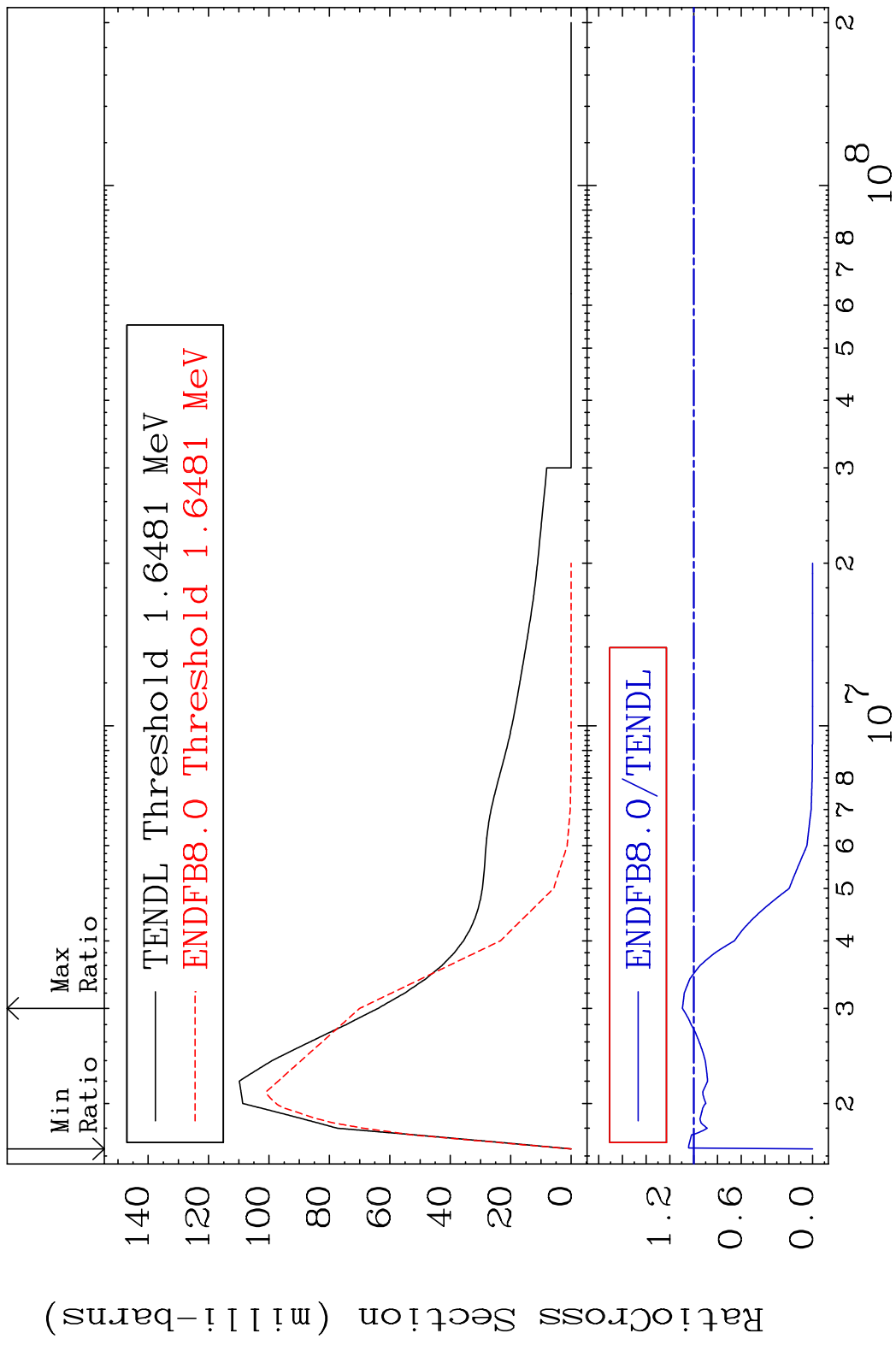
MAT 5034 MT= 55 (n, n') Level 50-Sn-115  
 Cross Section -95.97 To 153.2 %



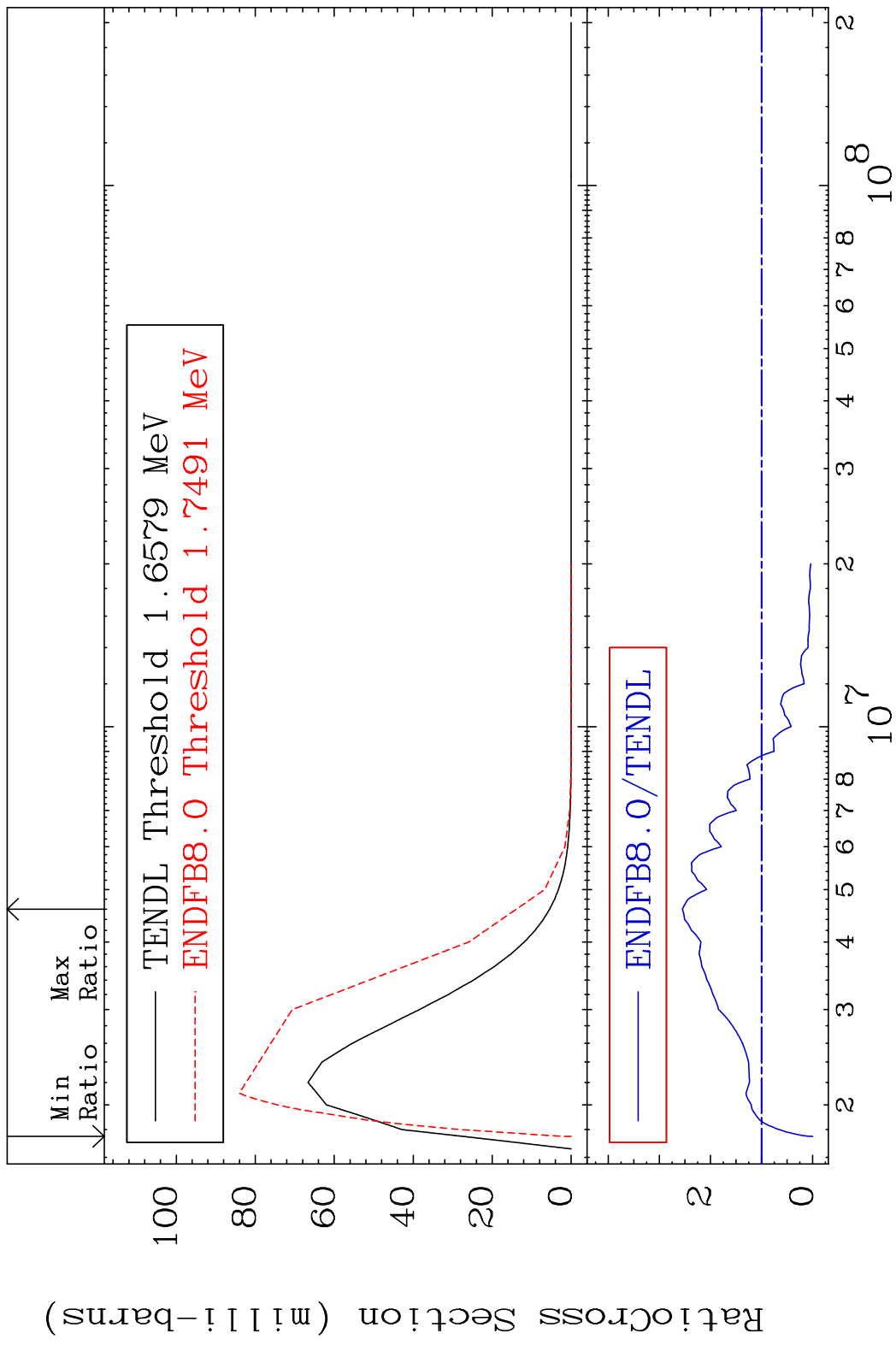
MAT 5034 MT= 56 (n,n') Level 50-Sn-115  
 Cross Section -100.0 To 24.34 %



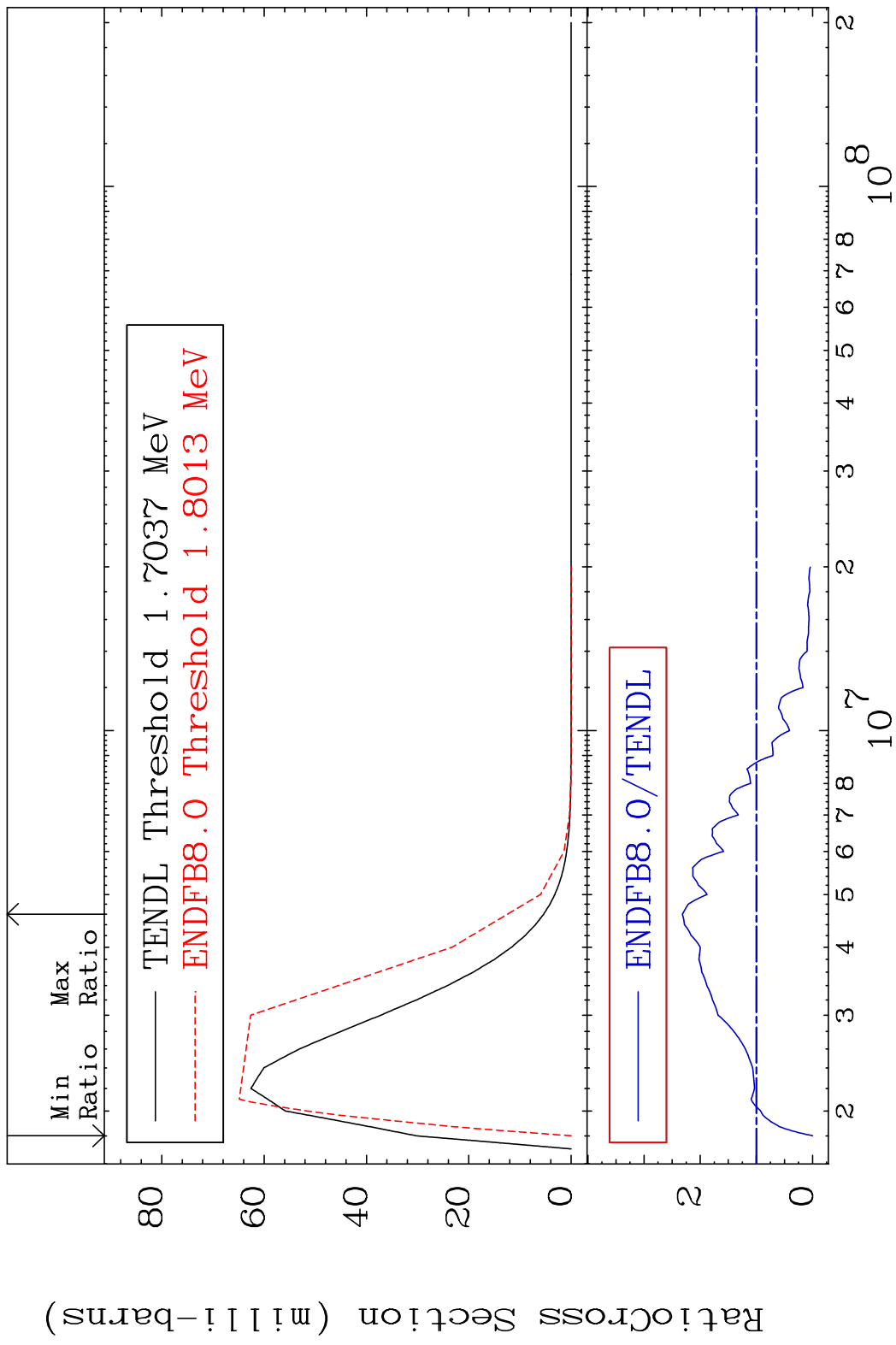
MAT 5034 MT= 57 (n,n') Level 50-Sn-115  
 Cross Section -100.0 To 9.536 %



MAT 5034 MT= 58 (n,n') Level 50-Sn-115  
 Cross Section -100.0 To 155.0 %

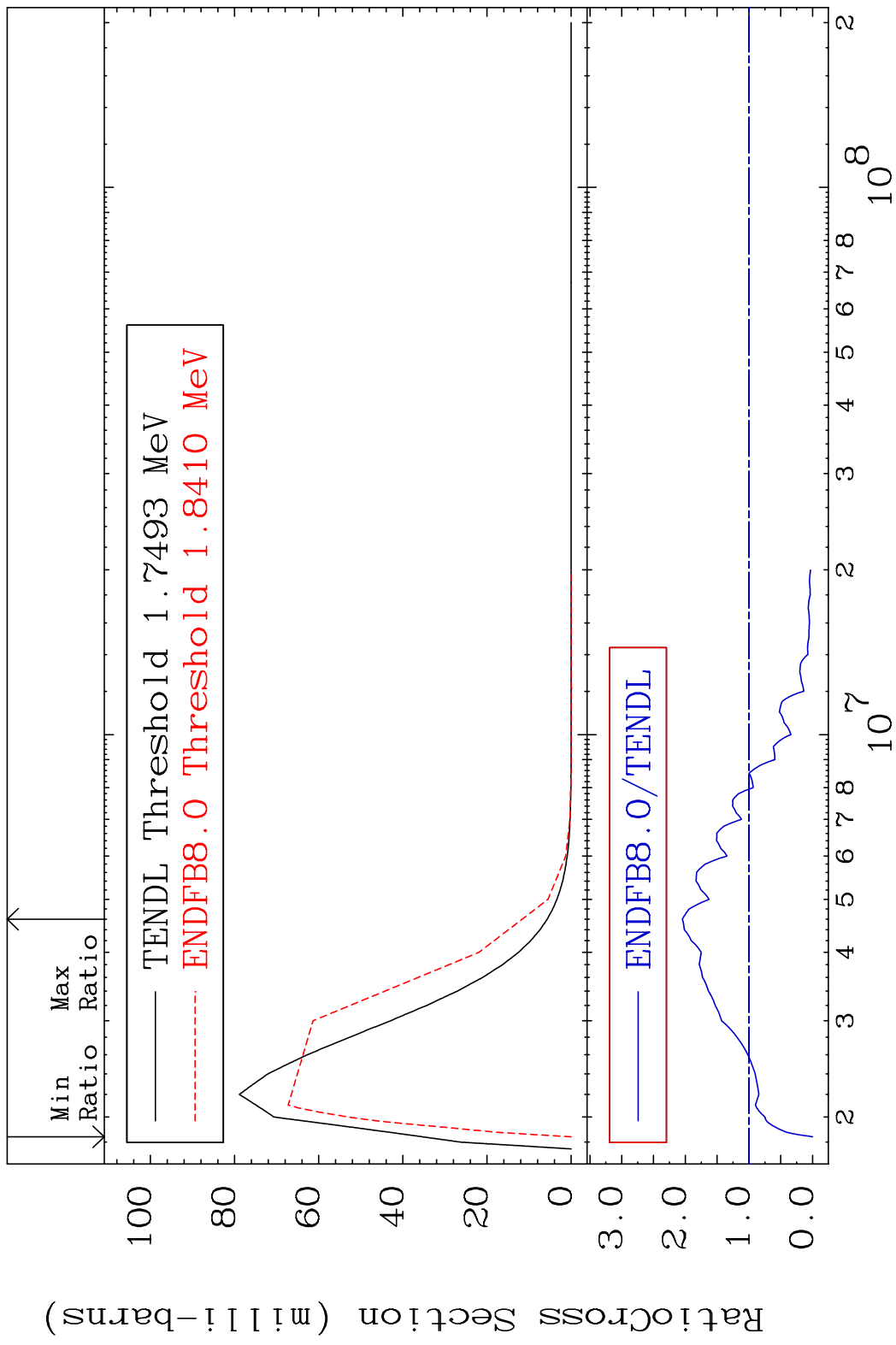


MAT 5034 MT= 59 (n, n') Level 50-Sn-115  
 Cross Section -100.0 To 131.8 %

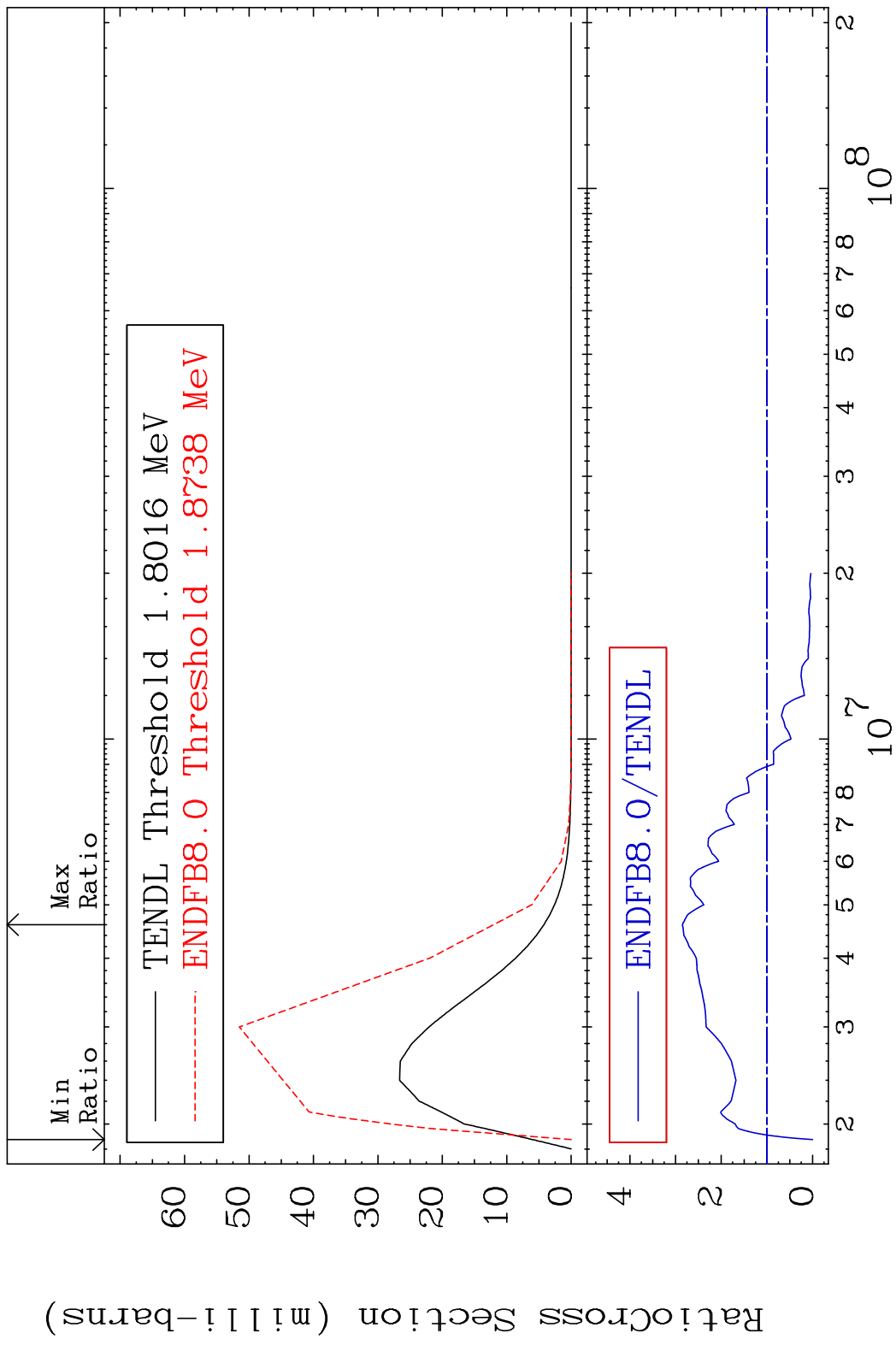


17 Incident Energy (eV) 50-Sn-115

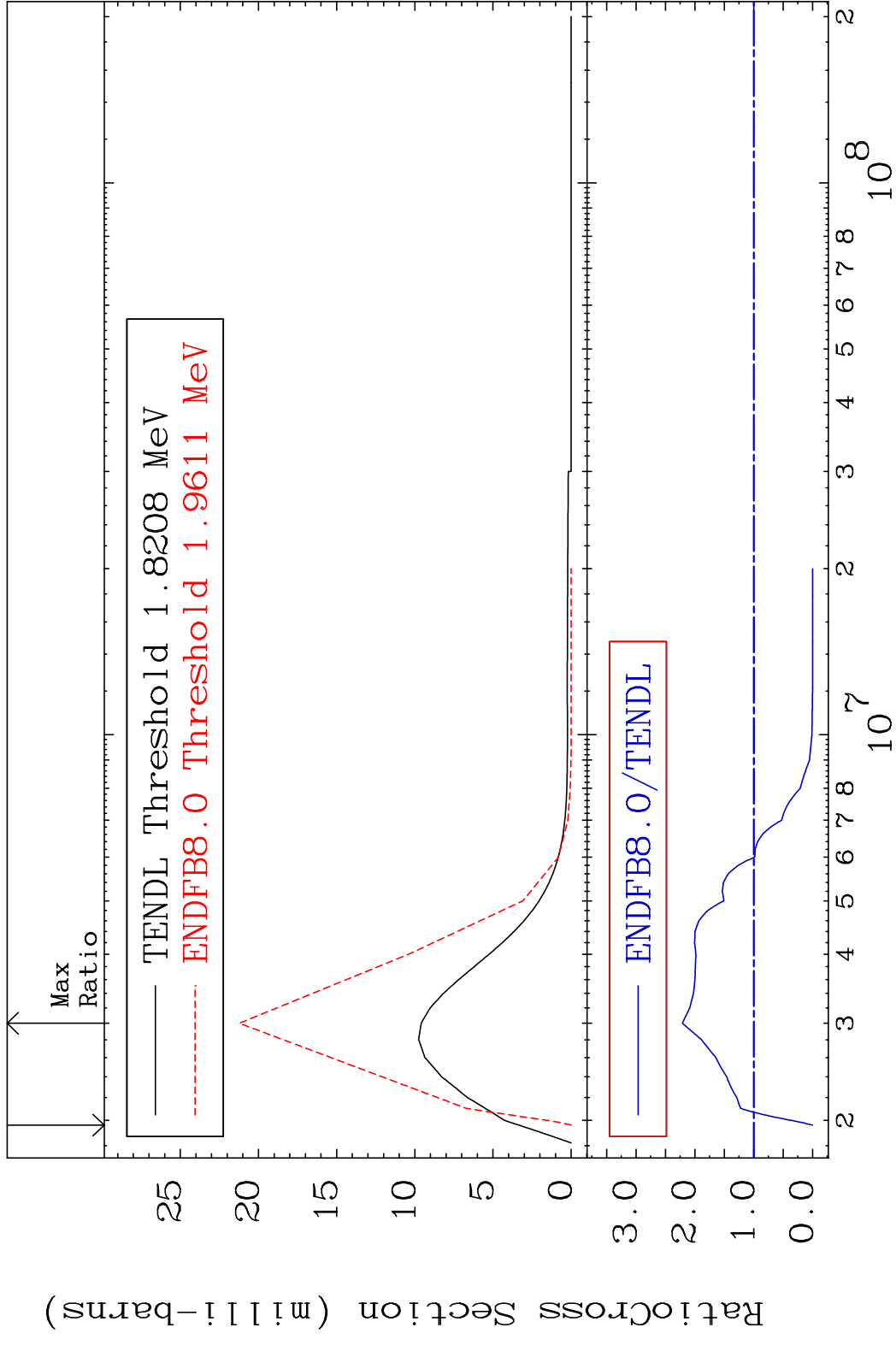
MAT 5034 MT= 60 (n,n') Level 50-Sn-115  
 Cross Section -100.0 To 104.7 %



MAT 5034 MT= 61 (n, n') Level 50-Sn-115  
 Cross Section -100.0 To 185.2 %

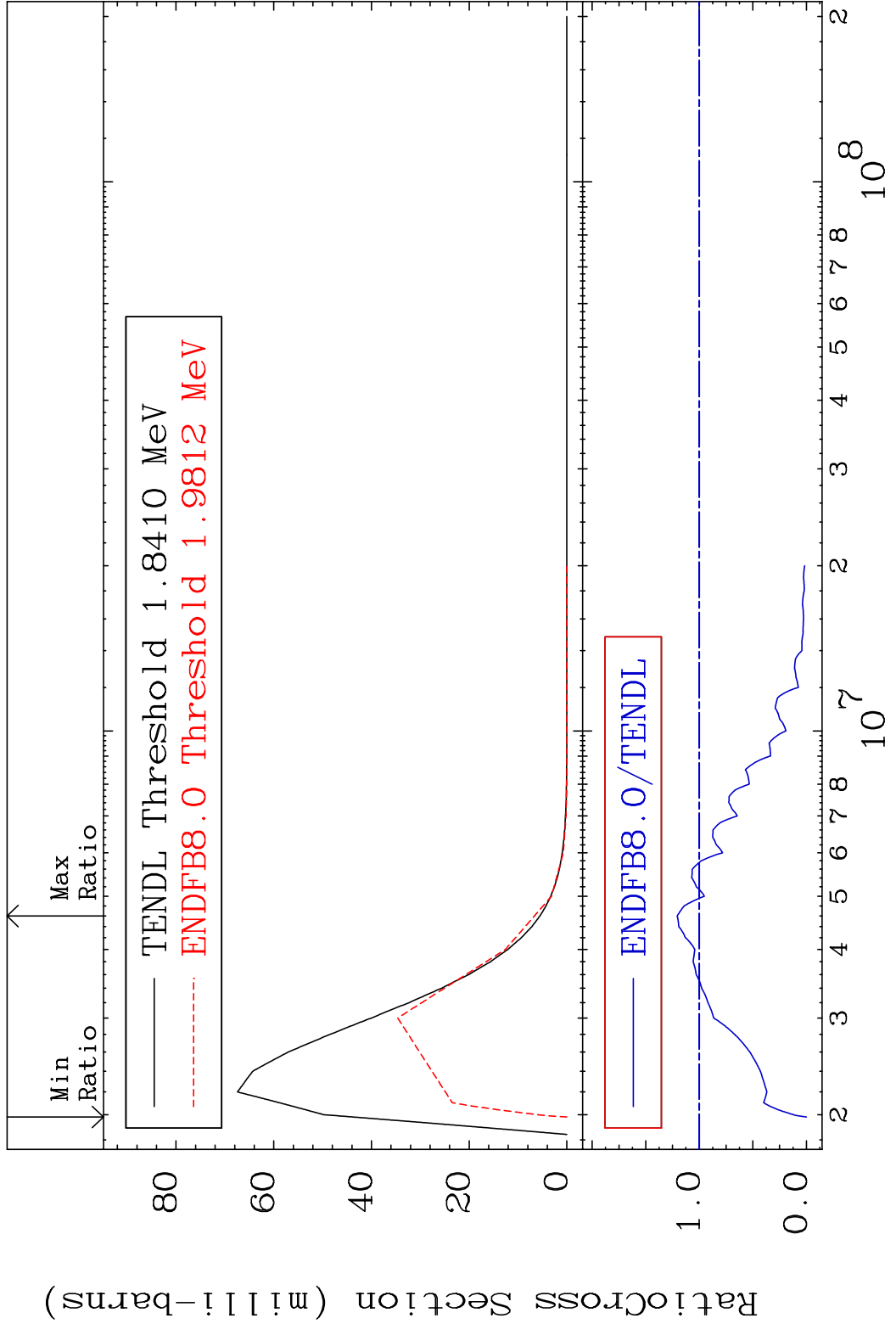


MAT 5034 MT= 62 (n, n') Level 50-Sn-115  
 Cross Section -100.0 To 121.2 %

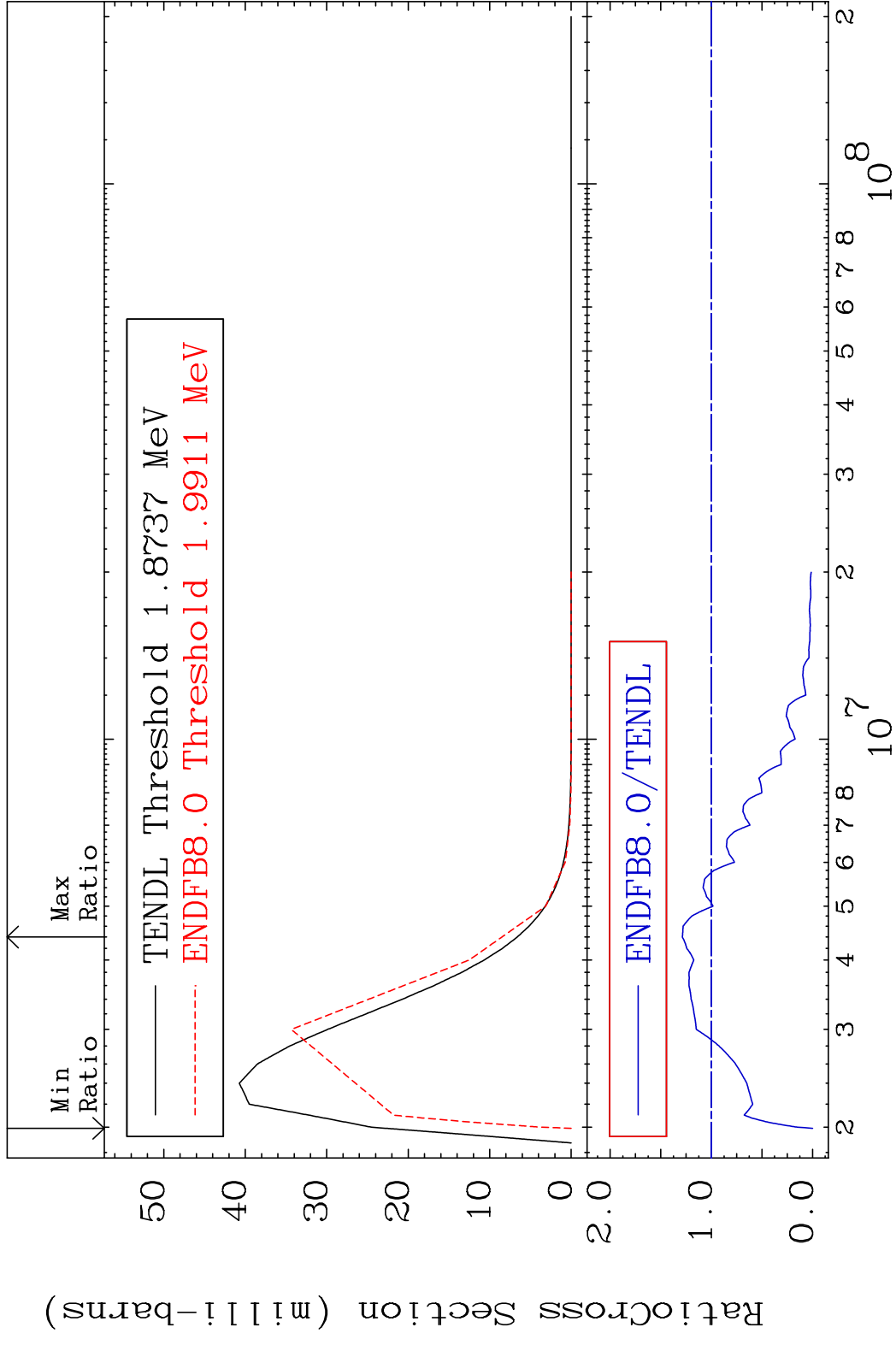


20 Incident Energy (eV) 50-Sn-115

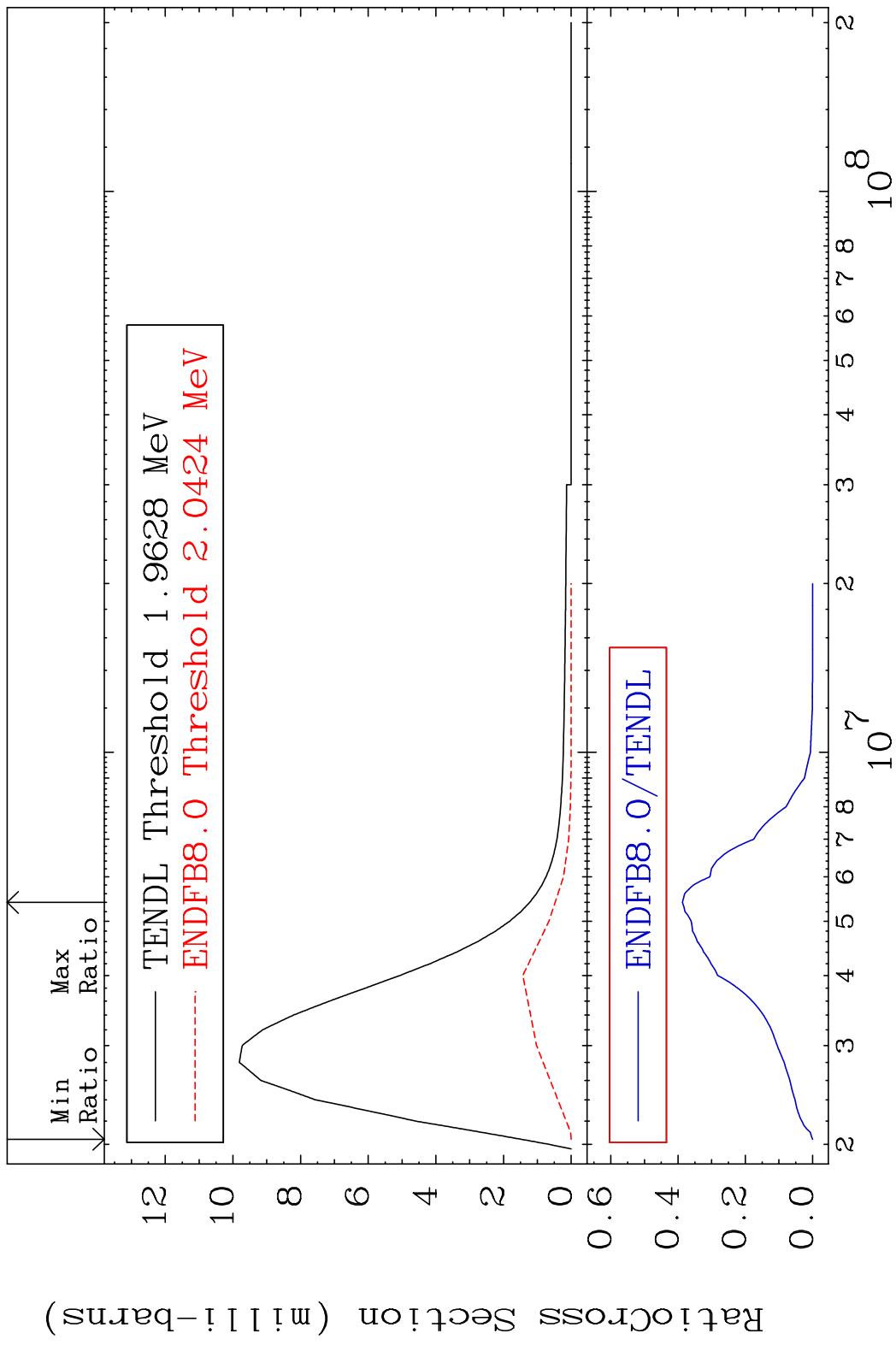
MAT 5034 MT= 63 (n, n') Level 50-Sn-115  
 Cross Section -100.0 To 20.63 %



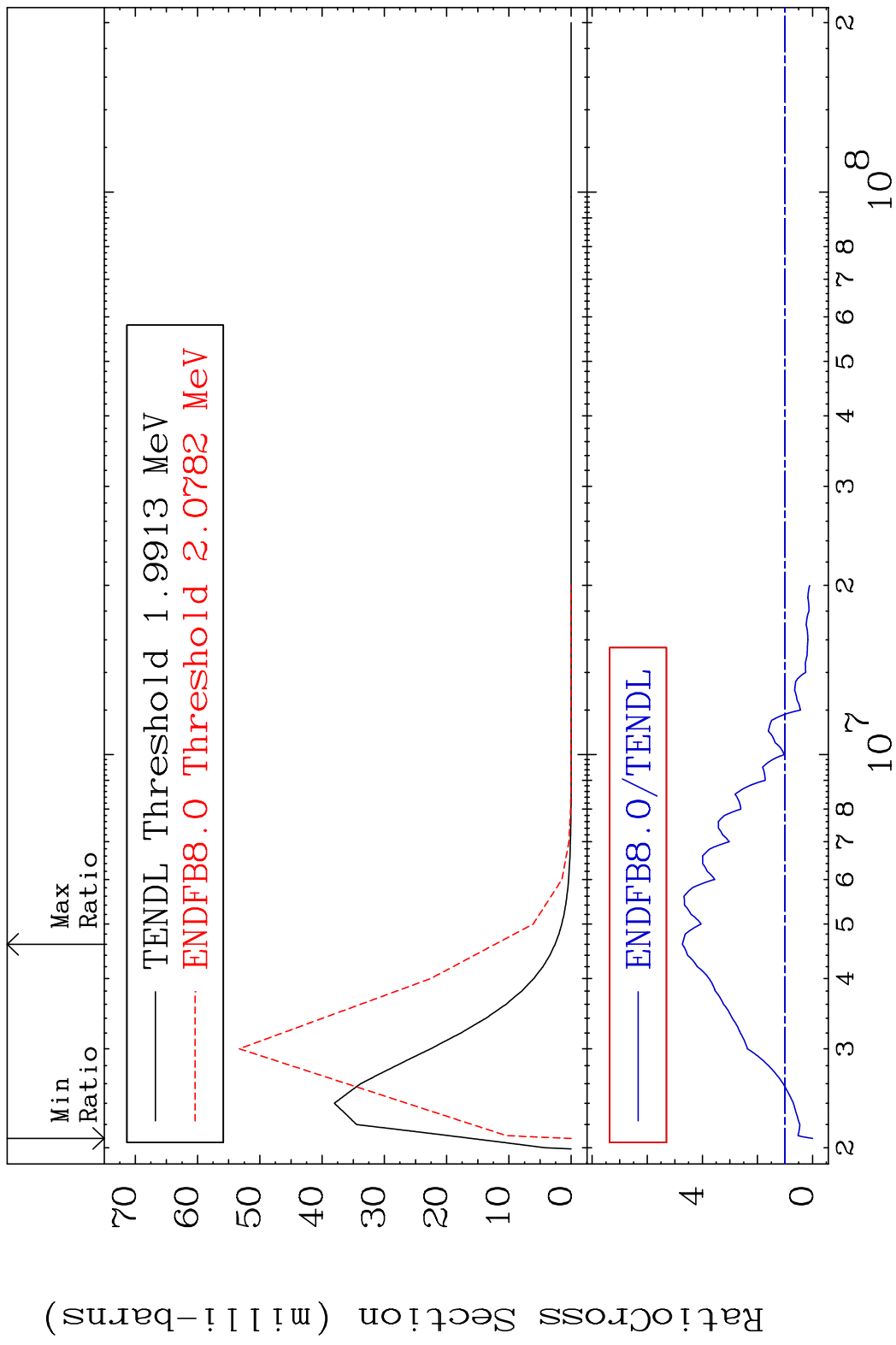
MAT 5034 MT= 64 (n,n') Level 50-Sn-115  
 Cross Section -100.0 To 28.69 %



MAT 5034 MT= 65 (n, n') Level 50-Sn-115  
 Cross Section -100.0 To -61.27%



MAT 5034 MT= 66 (n,n') Level 50-Sn-115  
 Cross Section -100.0 To 372.7 %

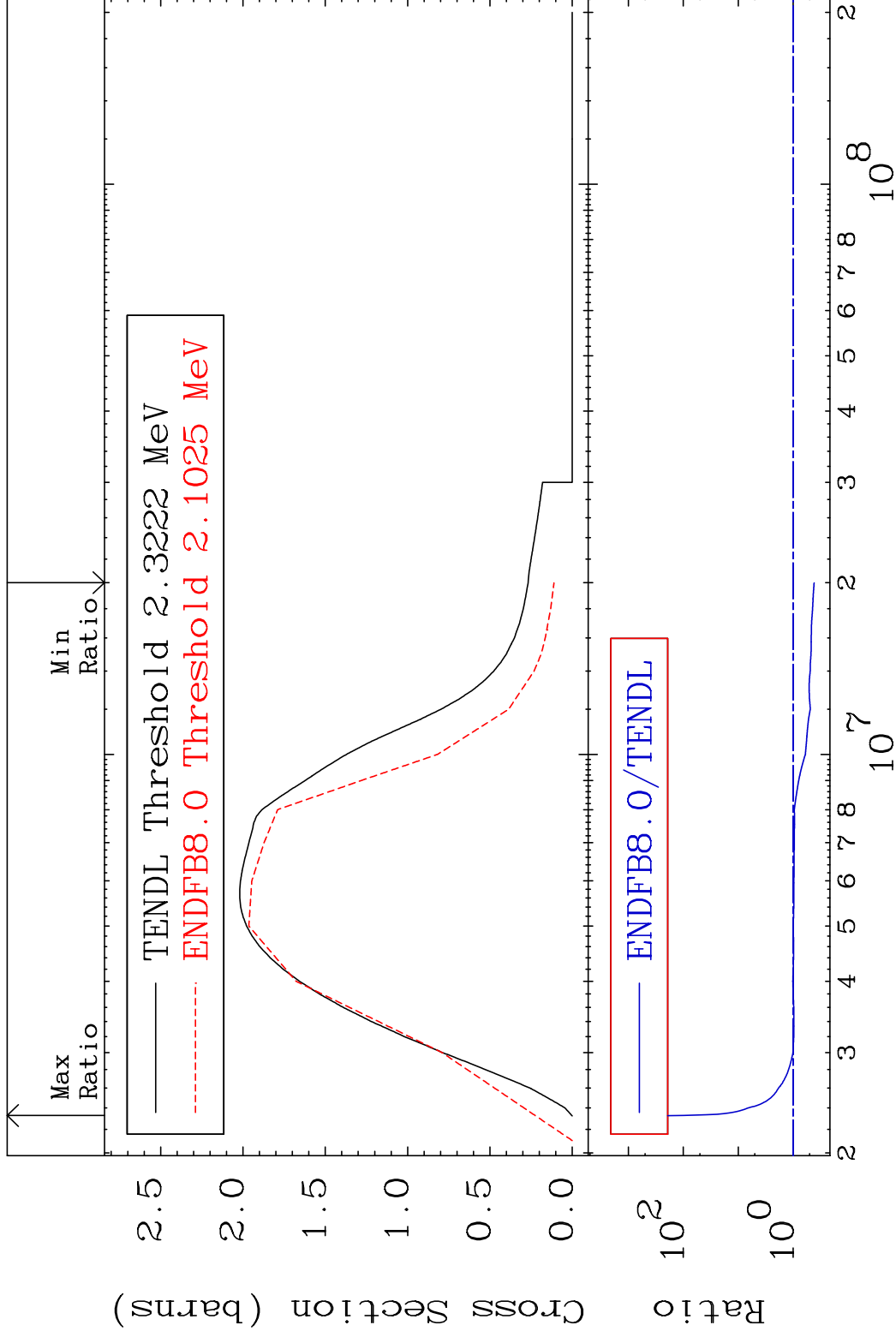


MAT 5034

(n,n') Continuum

50-Sn-115

Cross Section -58.65 To 9763. %



25

Incident Energy (eV)

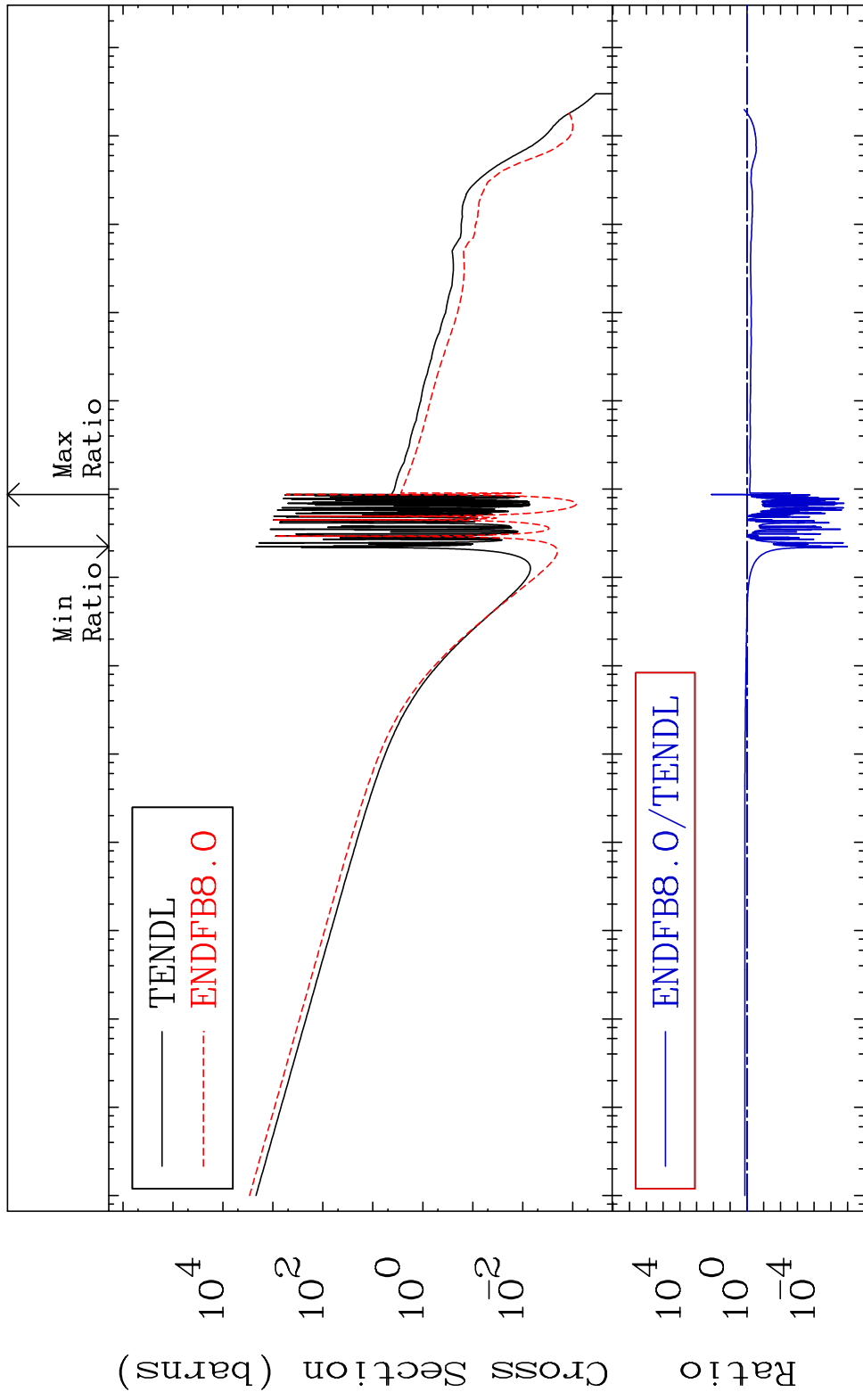
50-Sn-115

MAT 5034

(n,  $\gamma$ )

50-Sn-115

Cross Section -100.0 To 9999. %

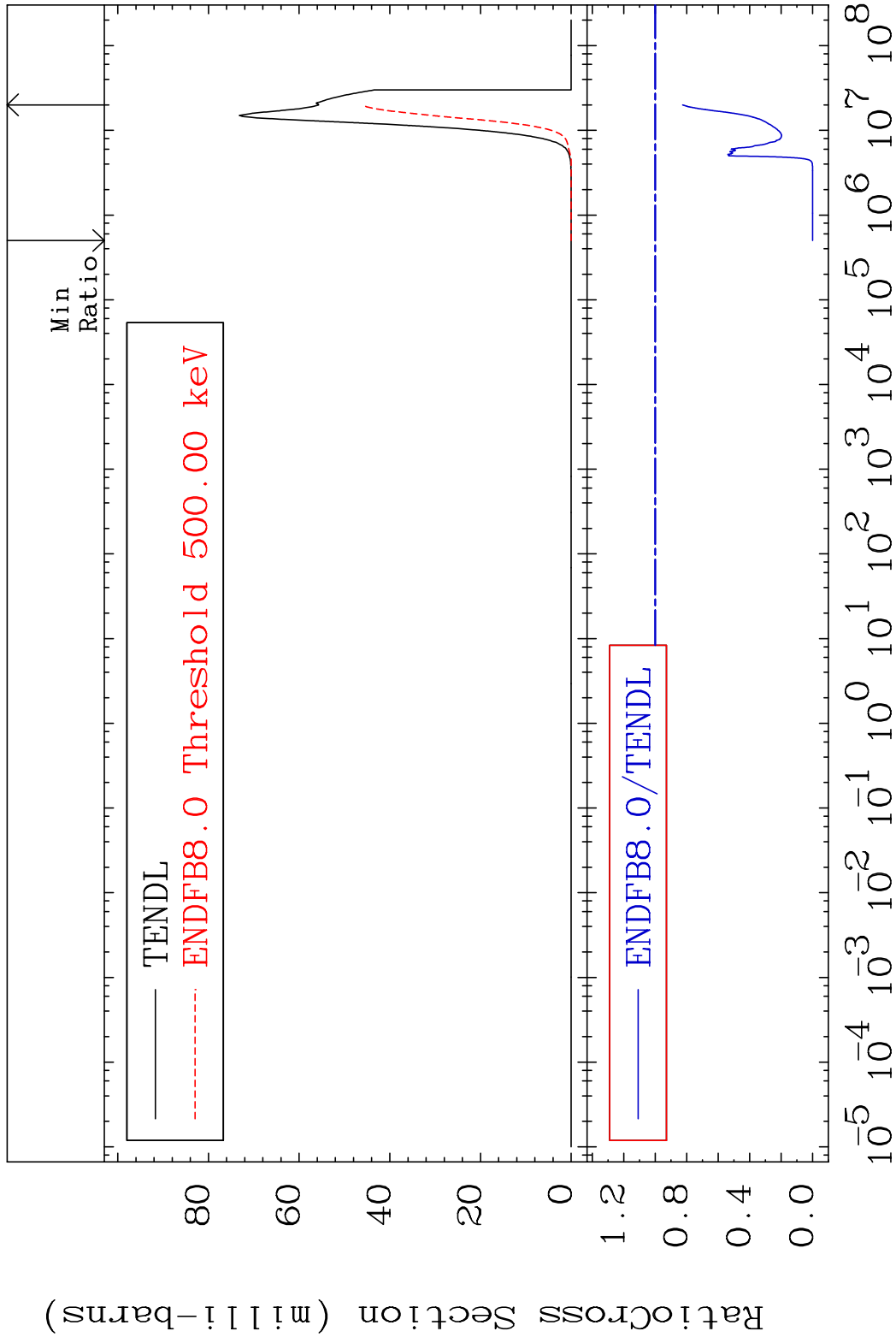


MAT 5034

(n, p)

50-Sn-115

Cross Section -100.0 To -17.24%

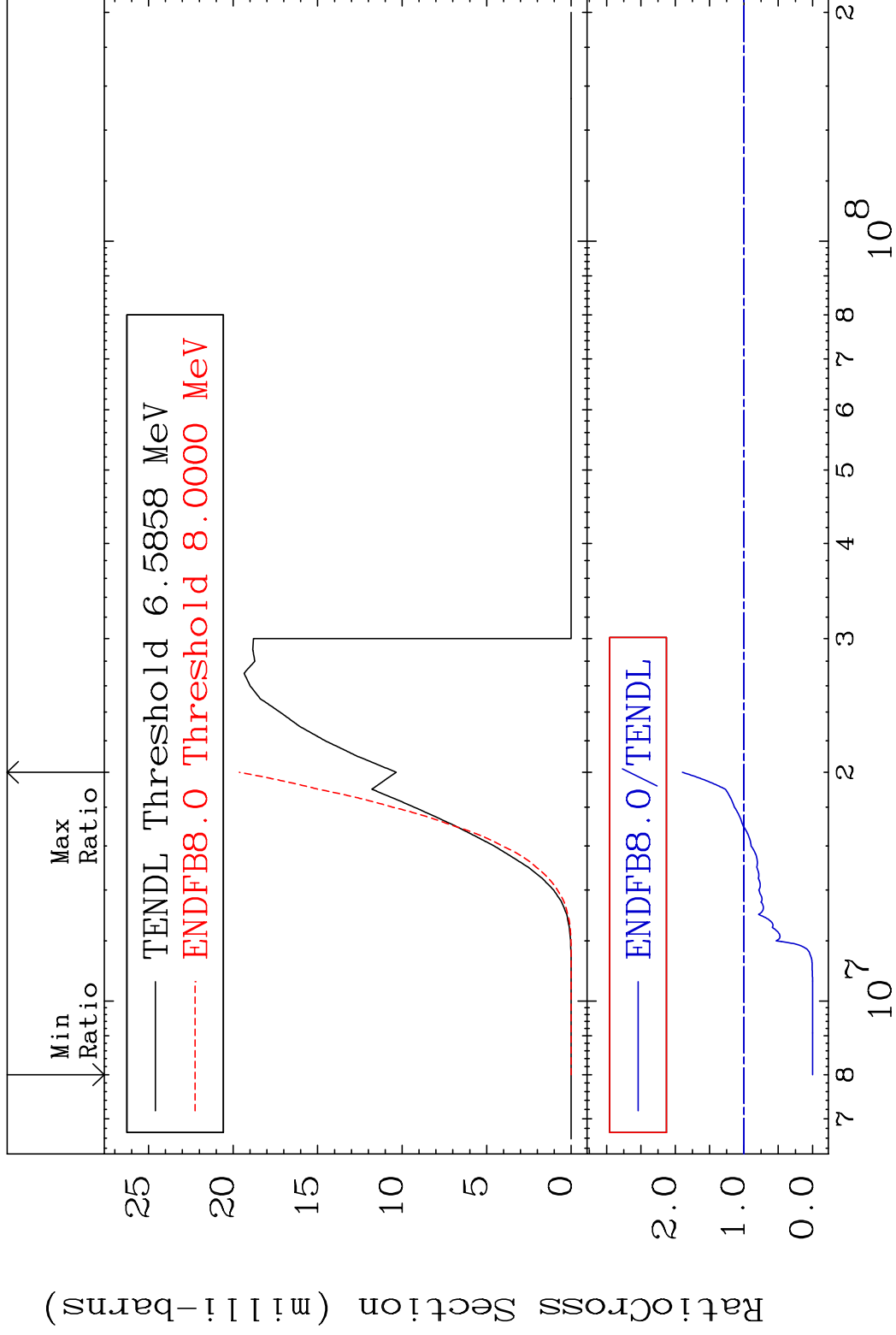


MAT 5034

(n, d)

50-Sn-115

Cross Section -100.0 To 89.65 %



28

Incident Energy (eV)

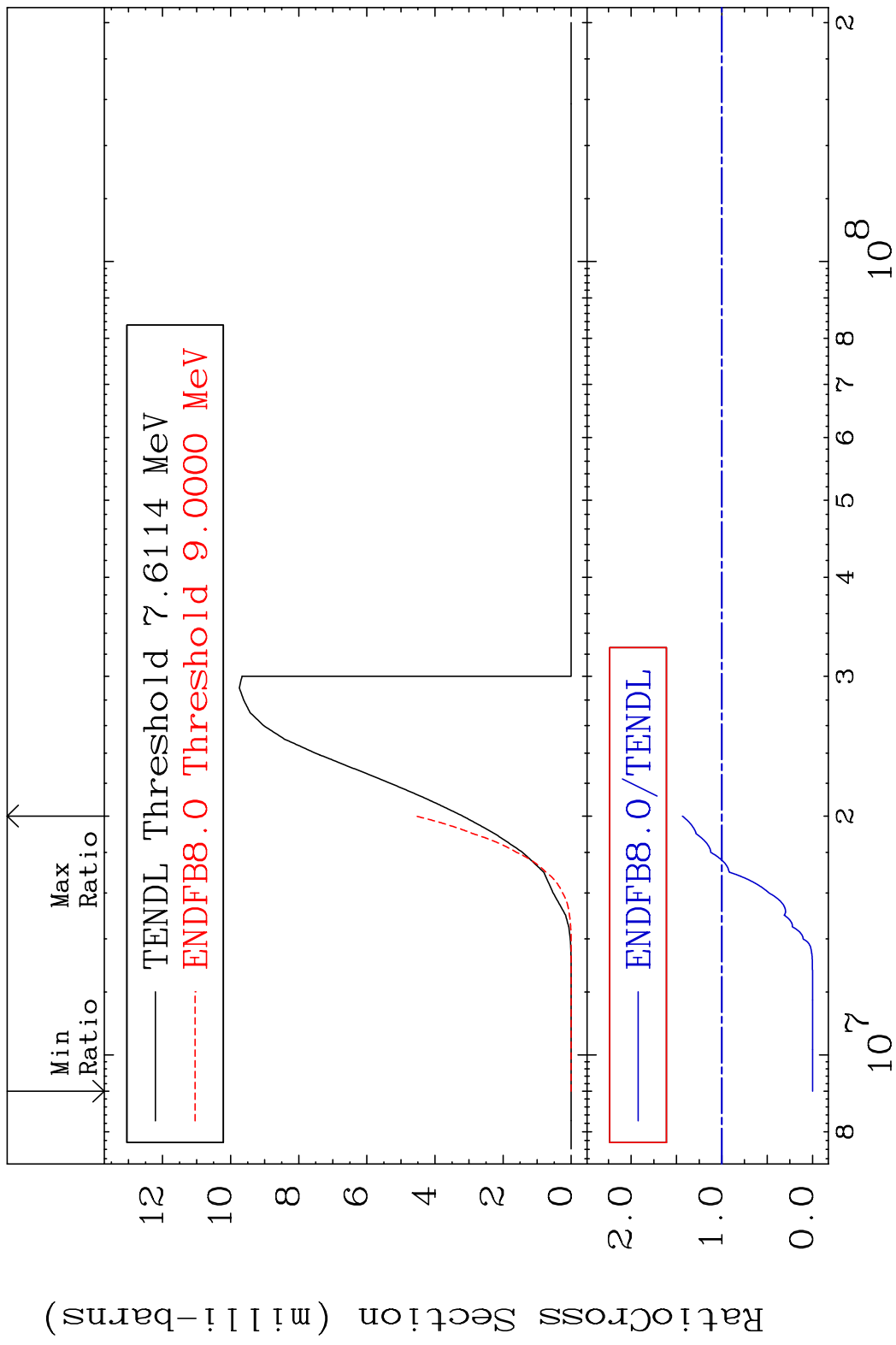
50-Sn-115

MAT 5034

(n, t)

50-Sn-115

Cross Section -100.0 To 43.52 %



29

Incident Energy (eV)

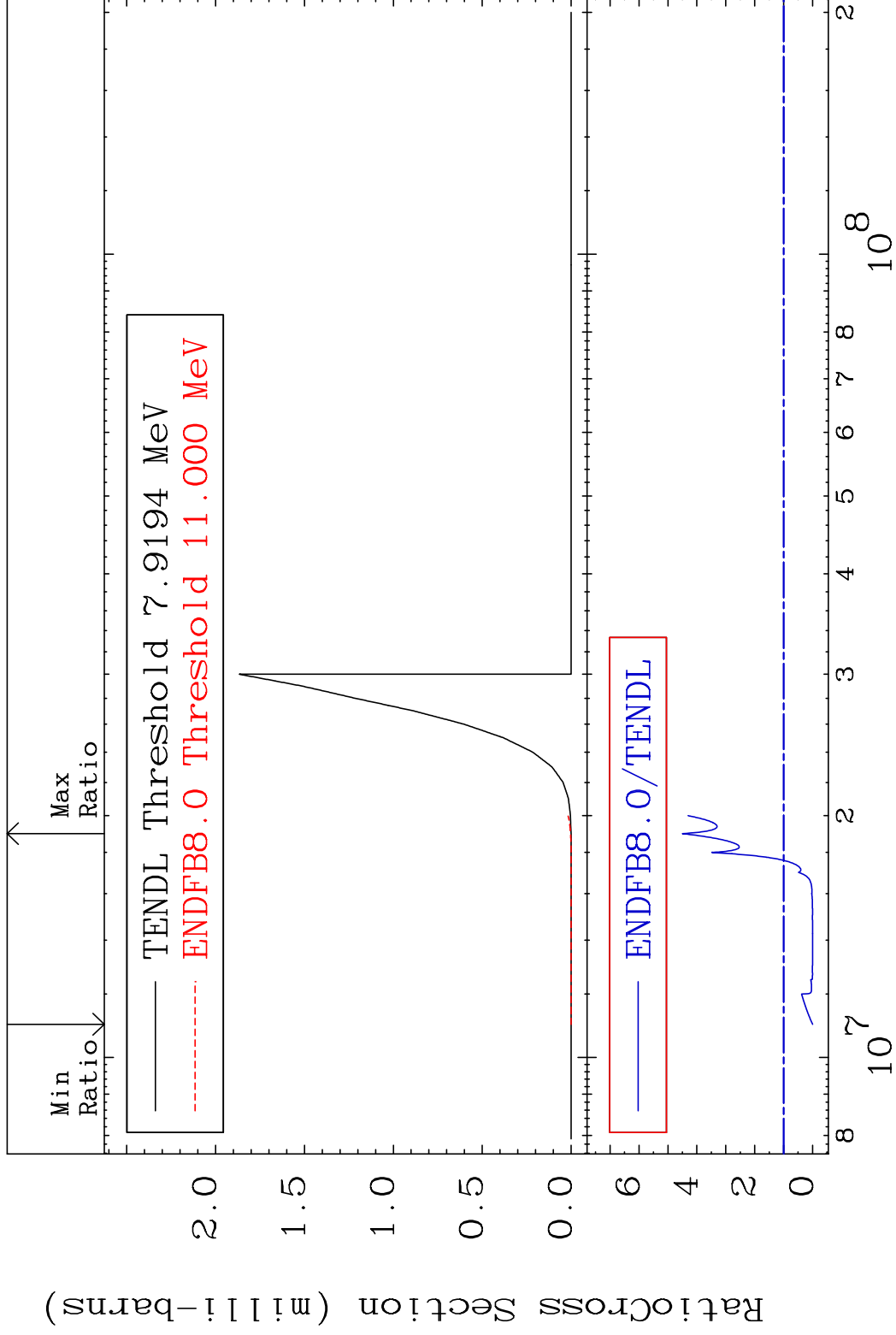
50-Sn-115

MAT 5034

(n, He-3)

50-Sn-115

Cross Section -100.0 To 350.1 %



30

Incident Energy (eV)

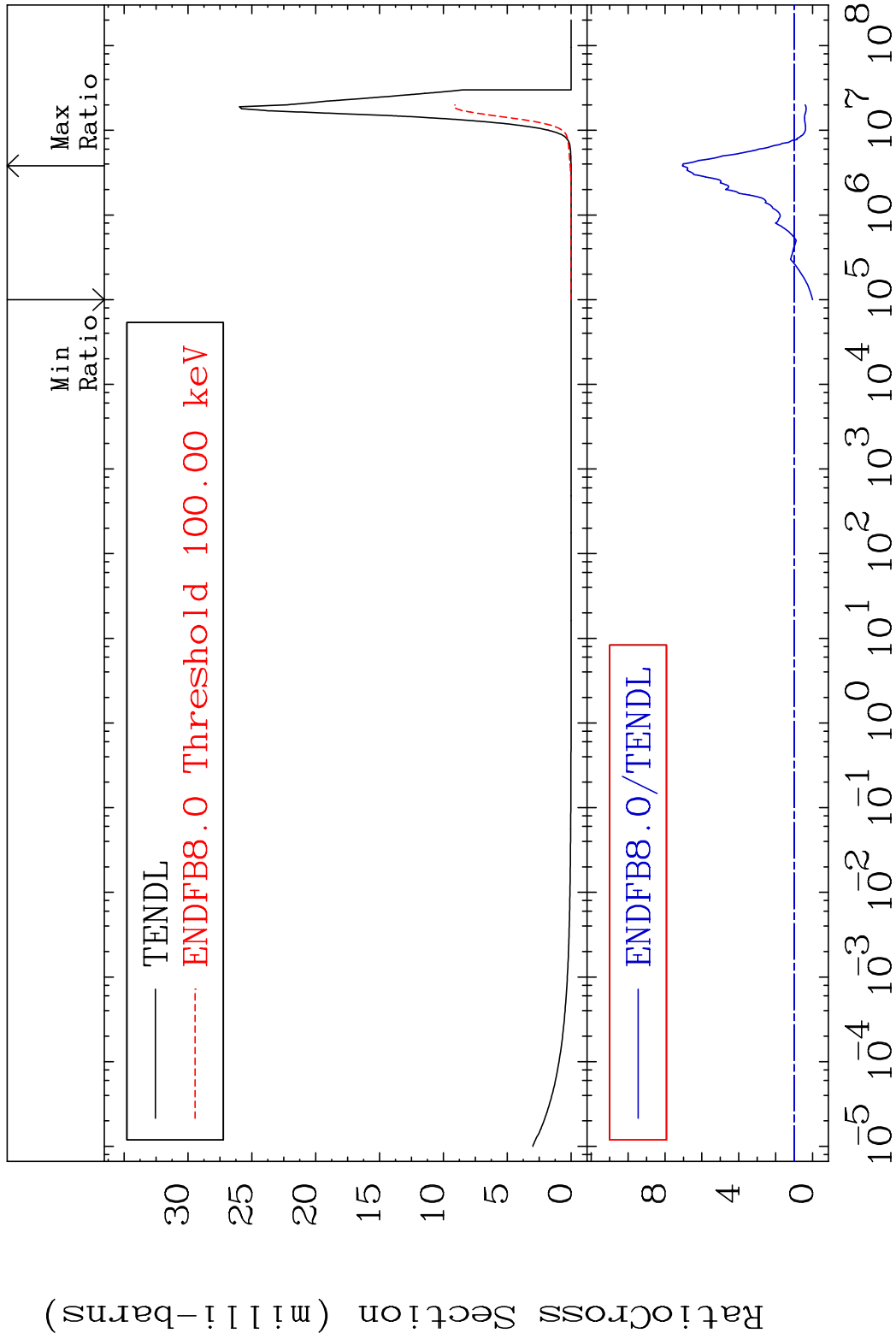
50-Sn-115

MAT 5034

(n,  $\alpha$ )

50-Sn-115

Cross Section -100.0 To 605.9 %



31

Incident Energy (eV)

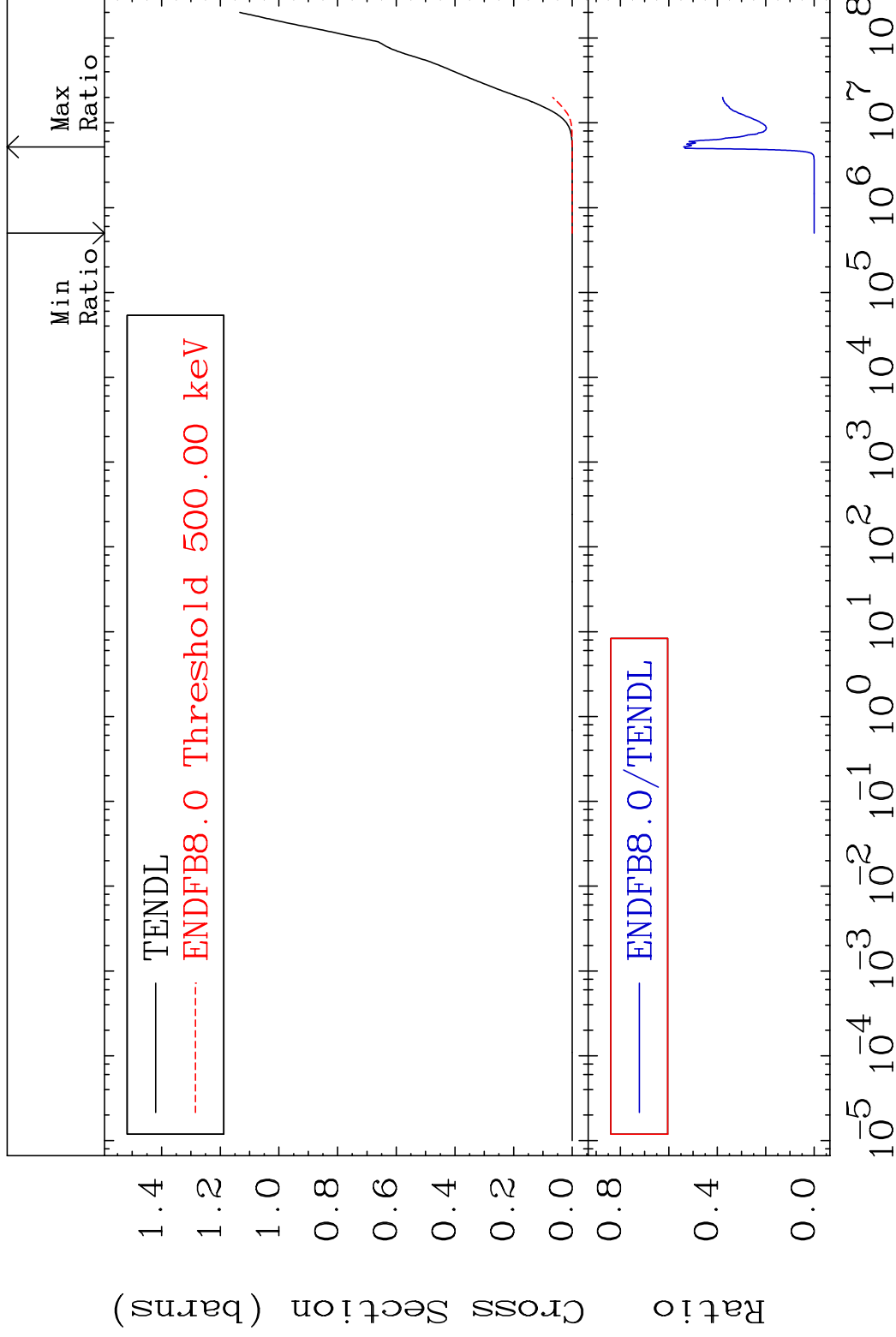
50-Sn-115

MAT 5034

Hydrogen Production

50-Sn-115

Cross Section -100.0 To -46.15%



32

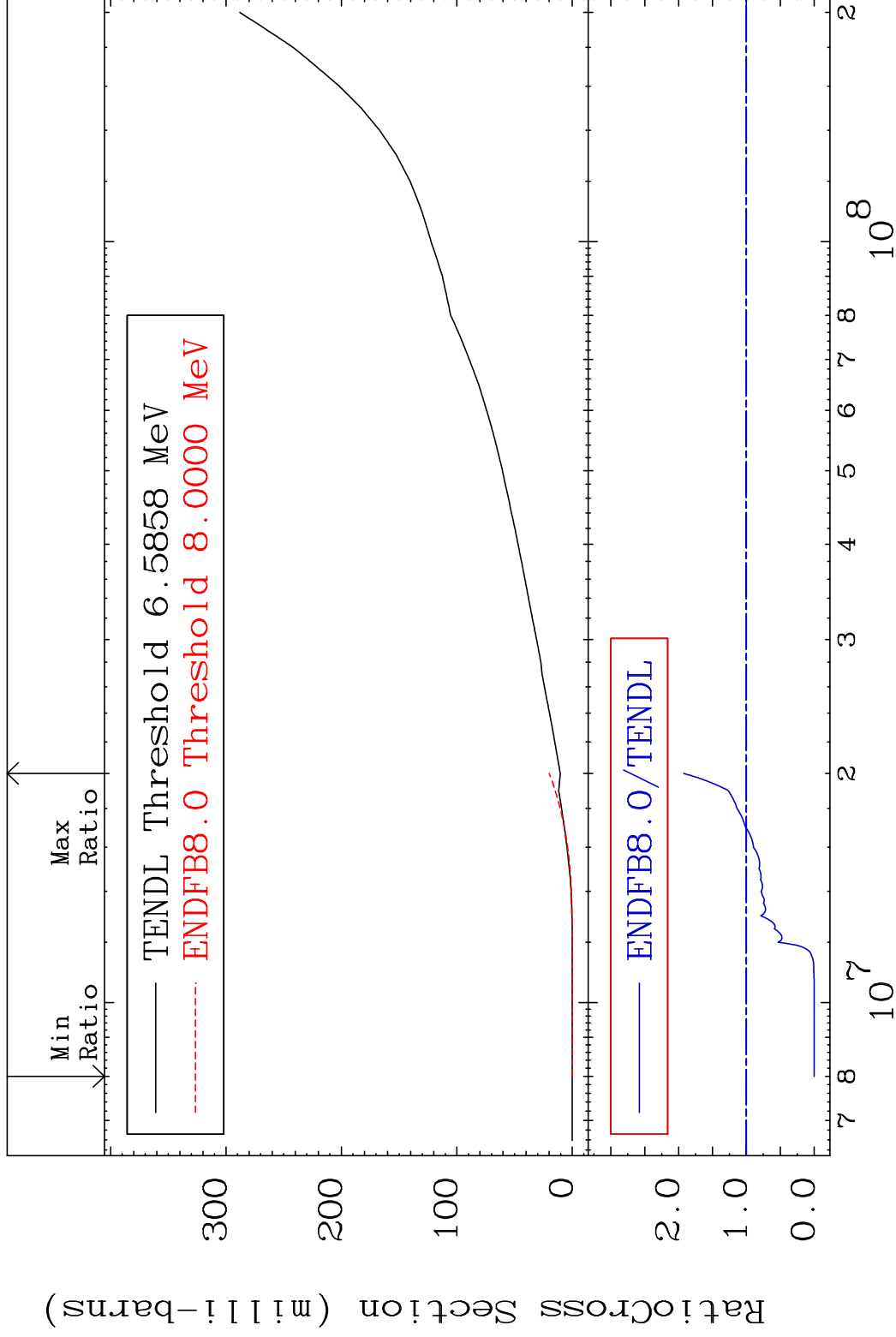
Incident Energy (eV)

50-Sn-115

MAT 5034

Deuterium Production 50-Sn-115

Cross Section -100.0 To 92.56 %



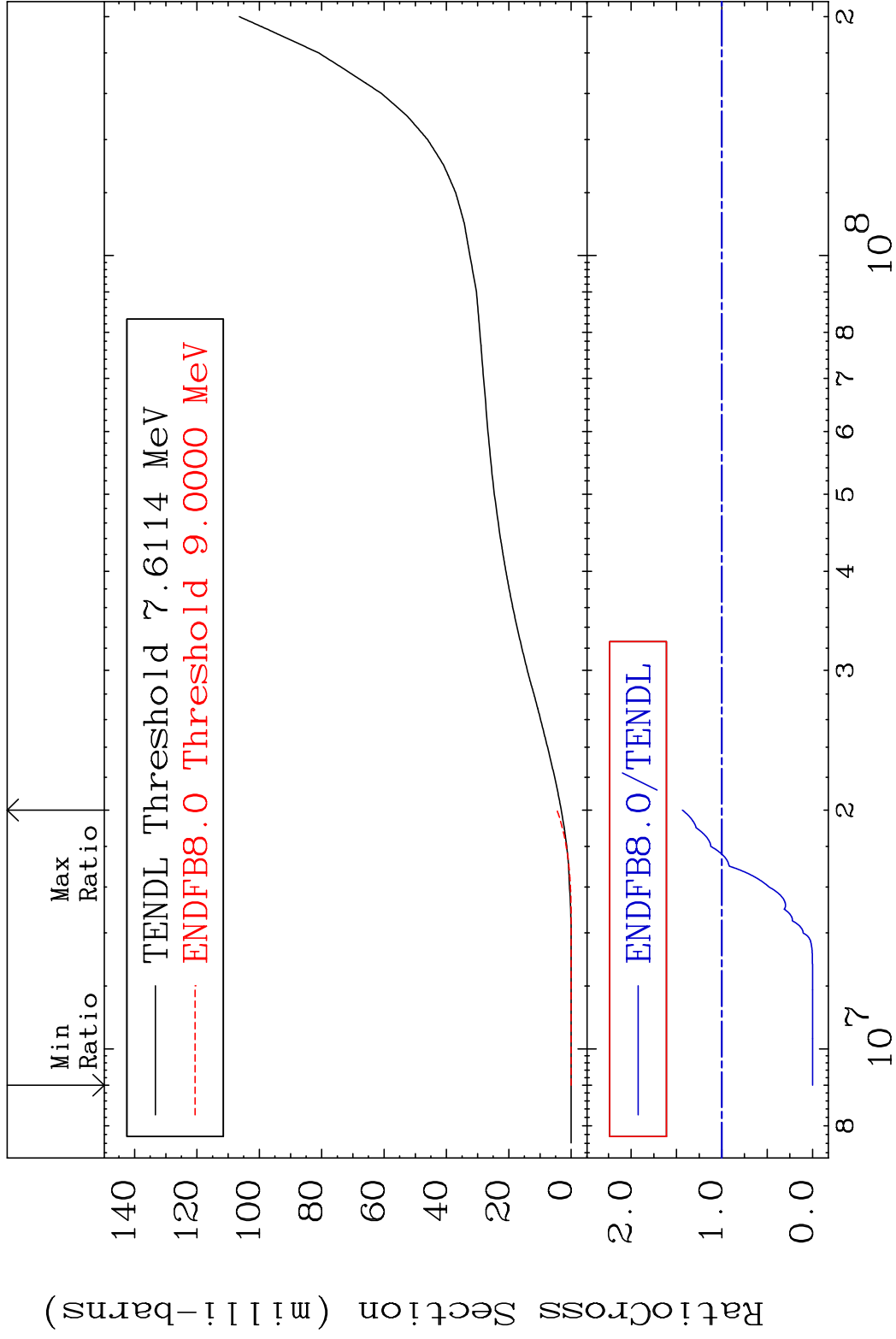
33

Incident Energy (eV)

50-Sn-115

MAT 5034

Tritium Production 50-Sn-115  
Cross Section -100.0 To 43.52 %



34

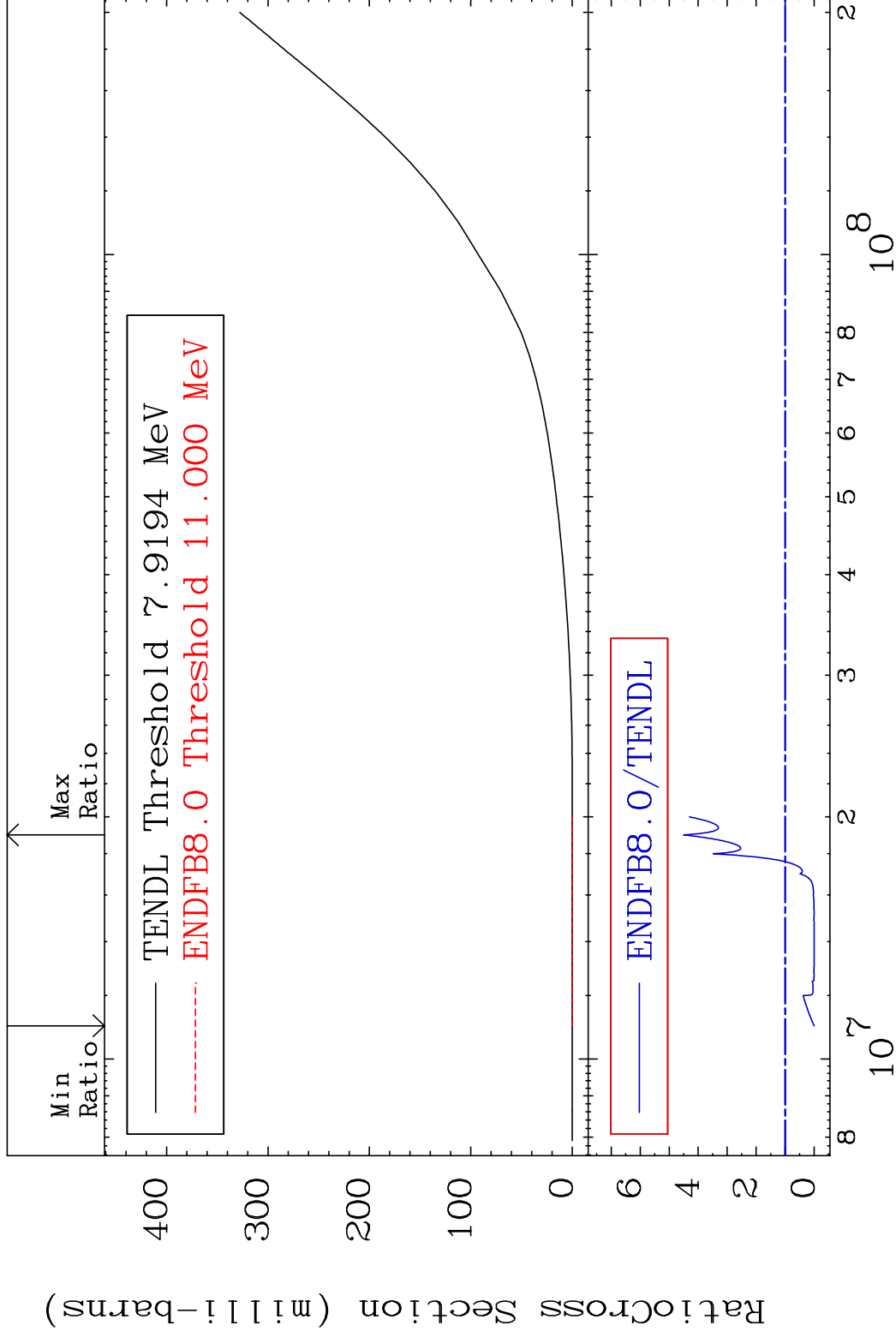
Incident Energy (eV) 50-Sn-115

MAT 5034

He-3 Production

50-Sn-115

Cross Section -100.0 To 350.1 %



35

Incident Energy (eV)

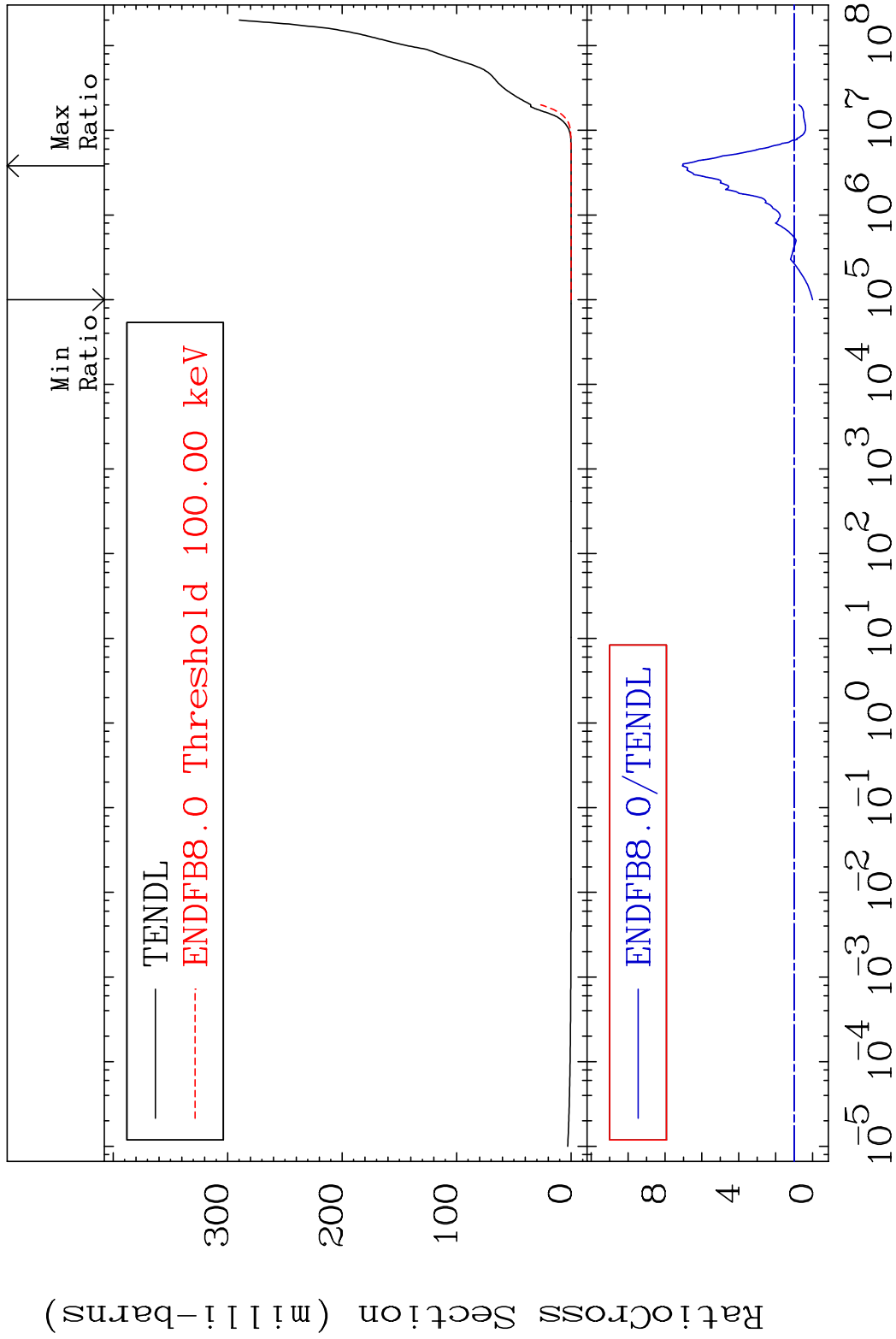
50-Sn-115

MAT 5034

He-4 Production

50-Sn-115

Cross Section -100.0 To 605.9 %

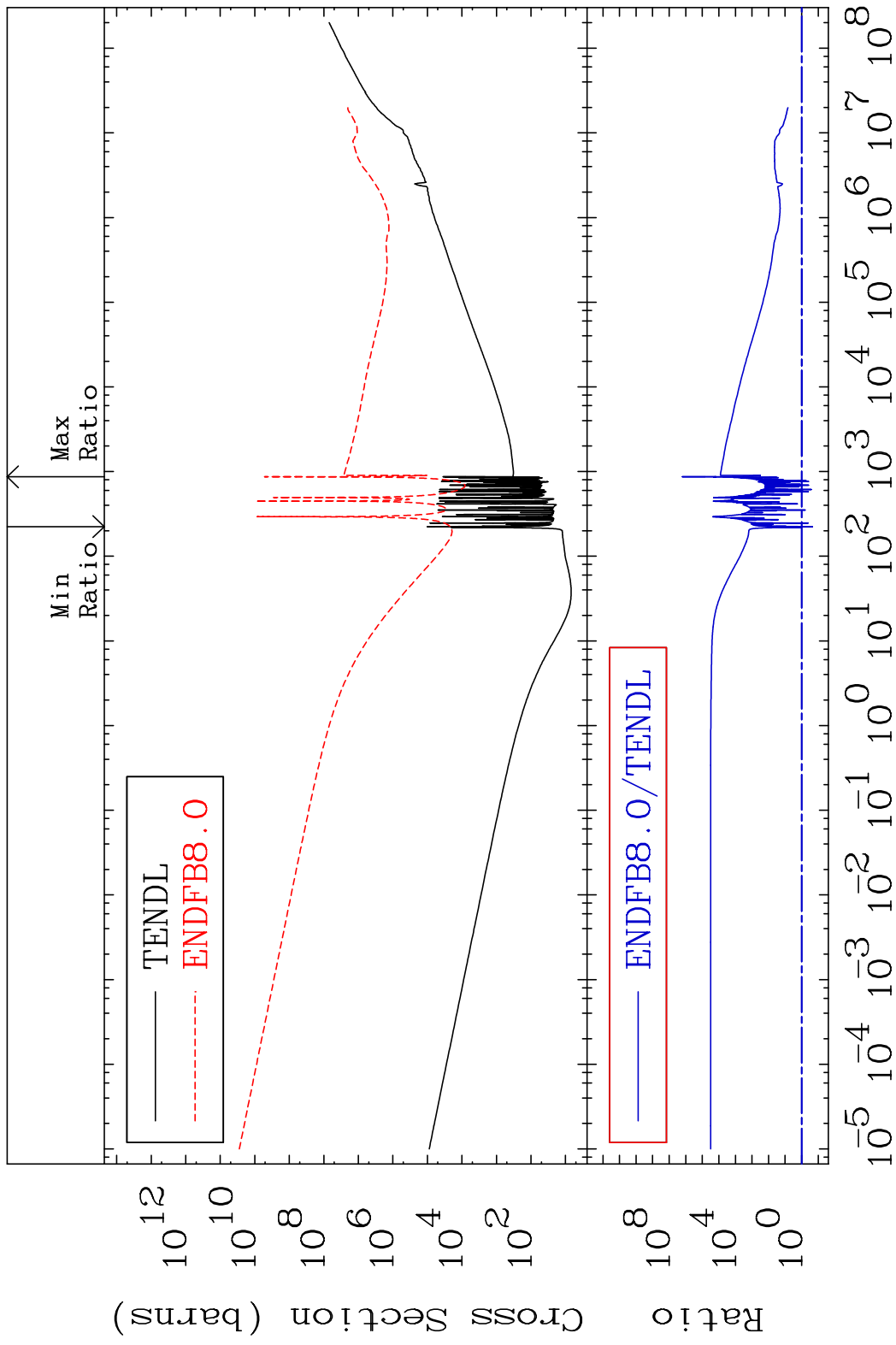


36

Incident Energy (eV)

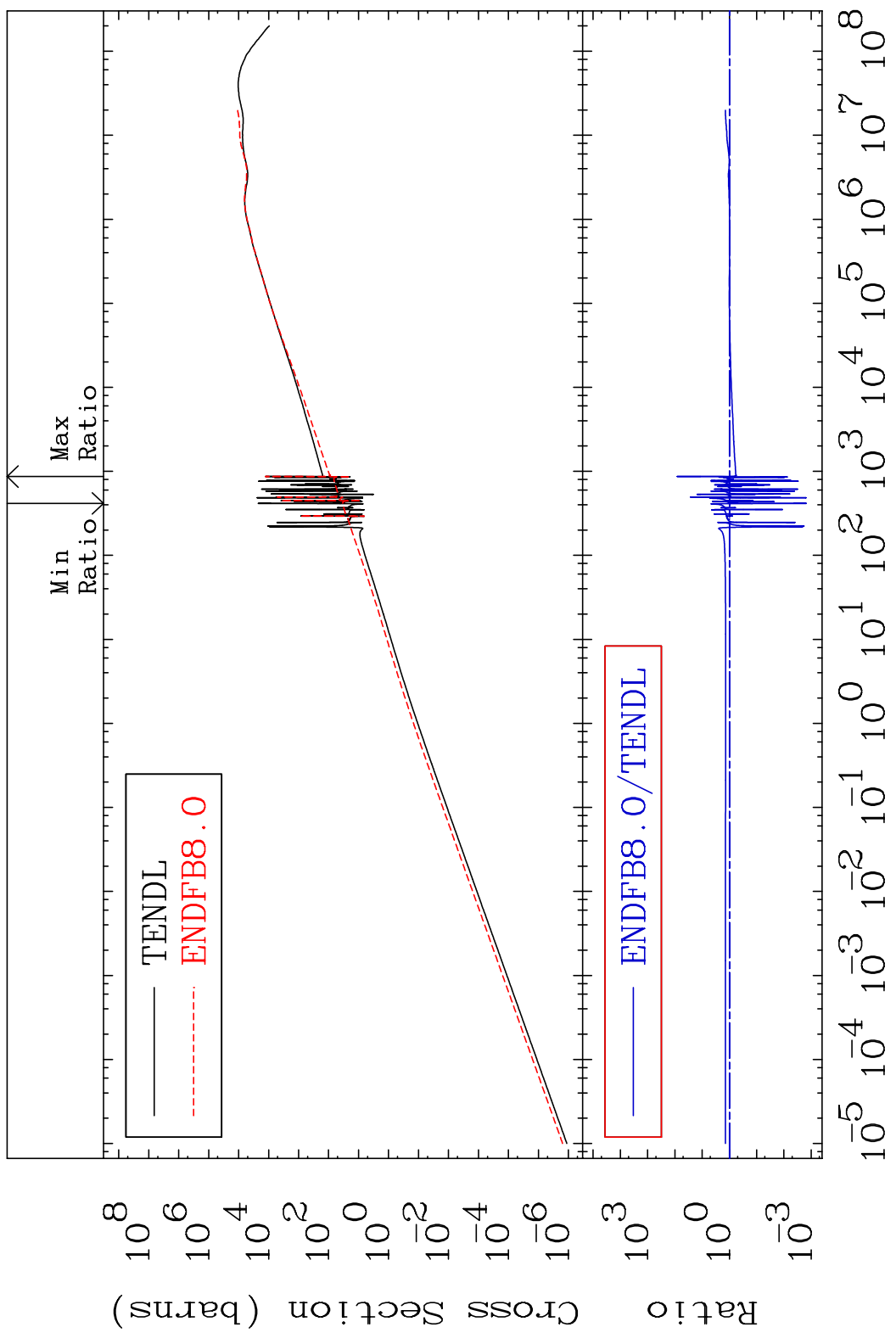
50-Sn-115

MAT 5034 Kerma total (eV-barns) 50-Sn-115  
 Cross Section -77.94 To 9999. %

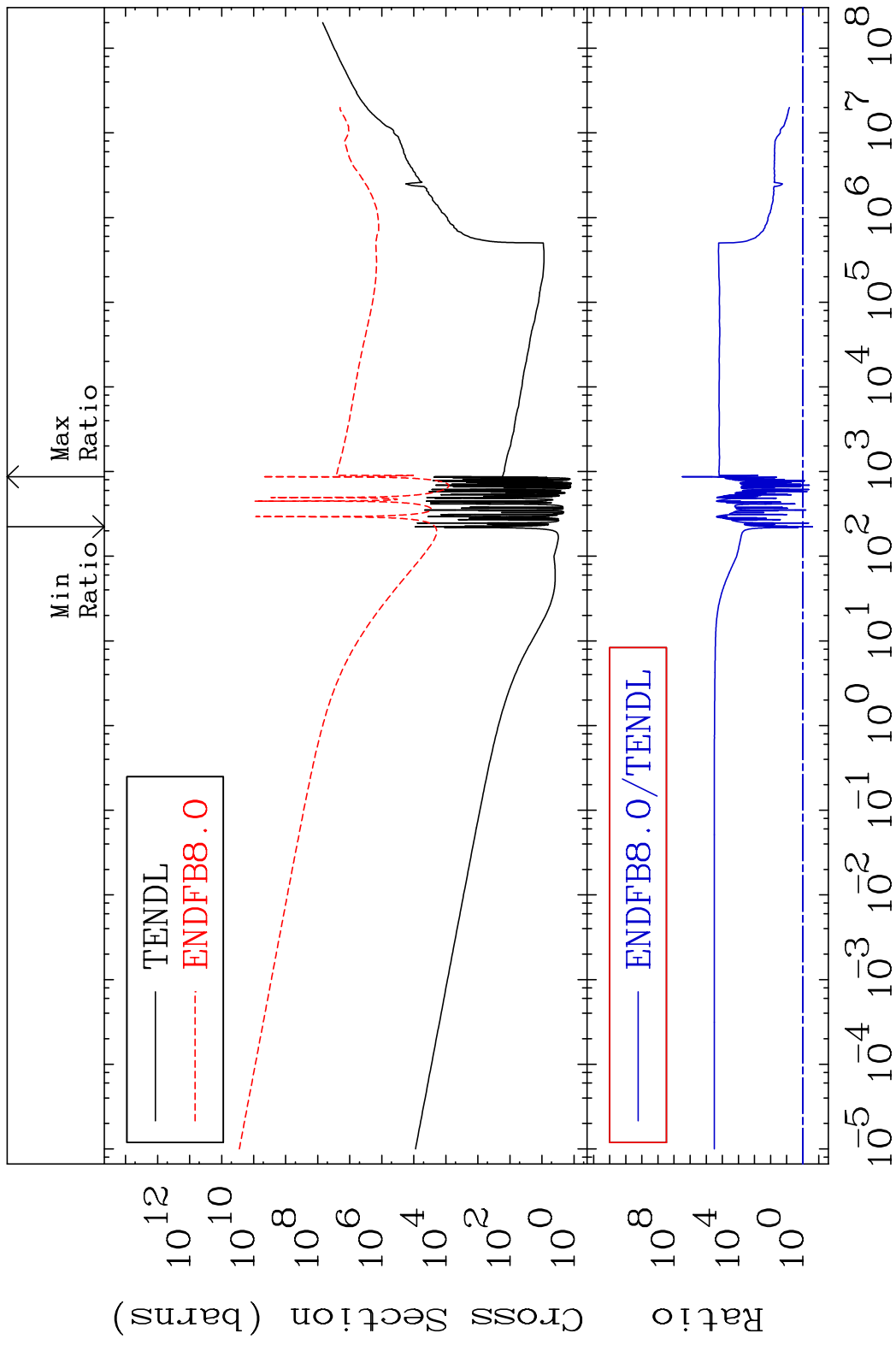


MAT 5034

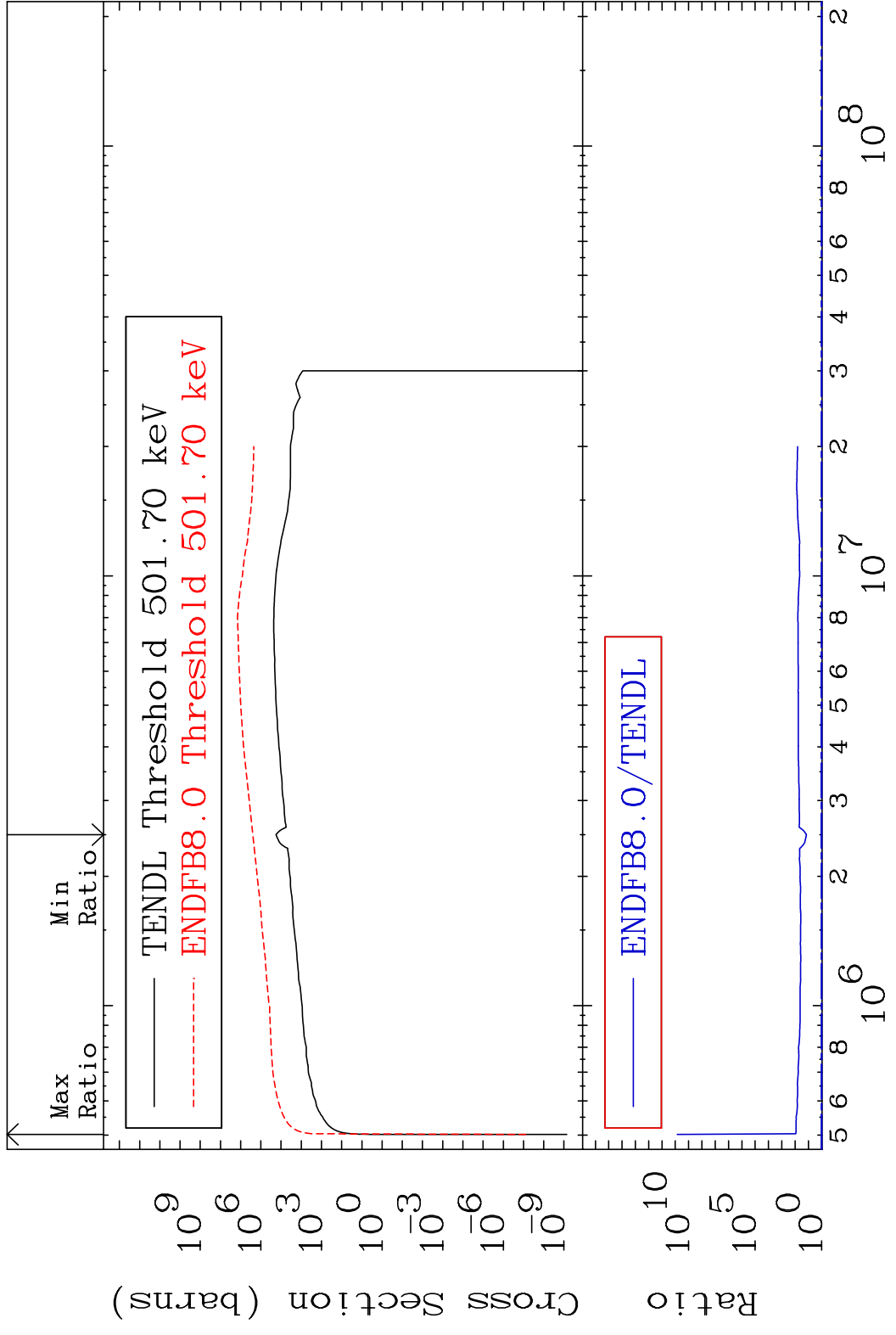
Kerma elastic Cross Section -99.85 To 8139. %  
50-Sn-115



MAT 5034 Kerma non-elastic (all but mt2) 50-Sn-115  
 Cross Section -75.36 To 9999. %

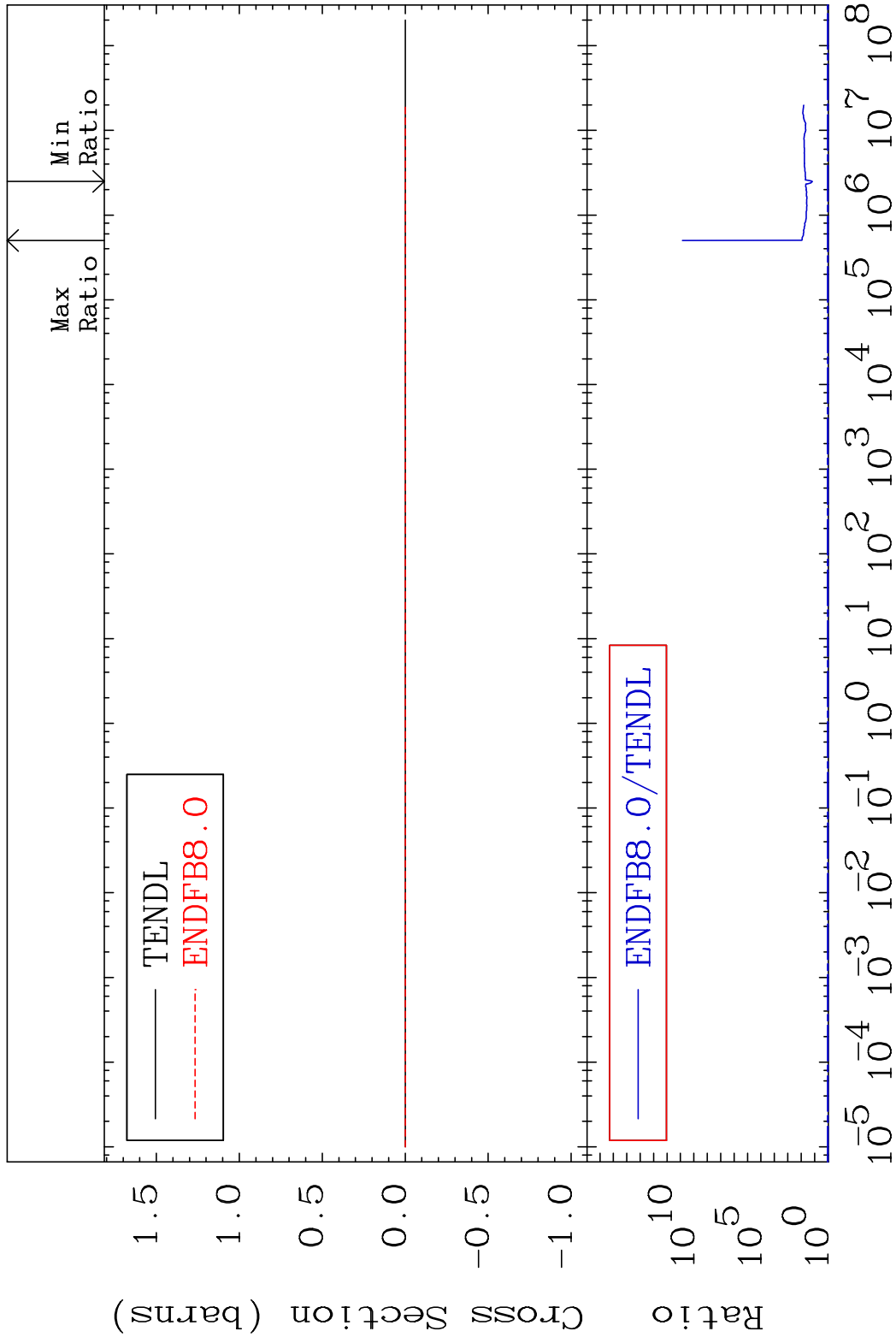


MAT 5034 Kerma inelastic (mt51-91) 50-Sn-115  
 Cross Section 1308. To 9999. %

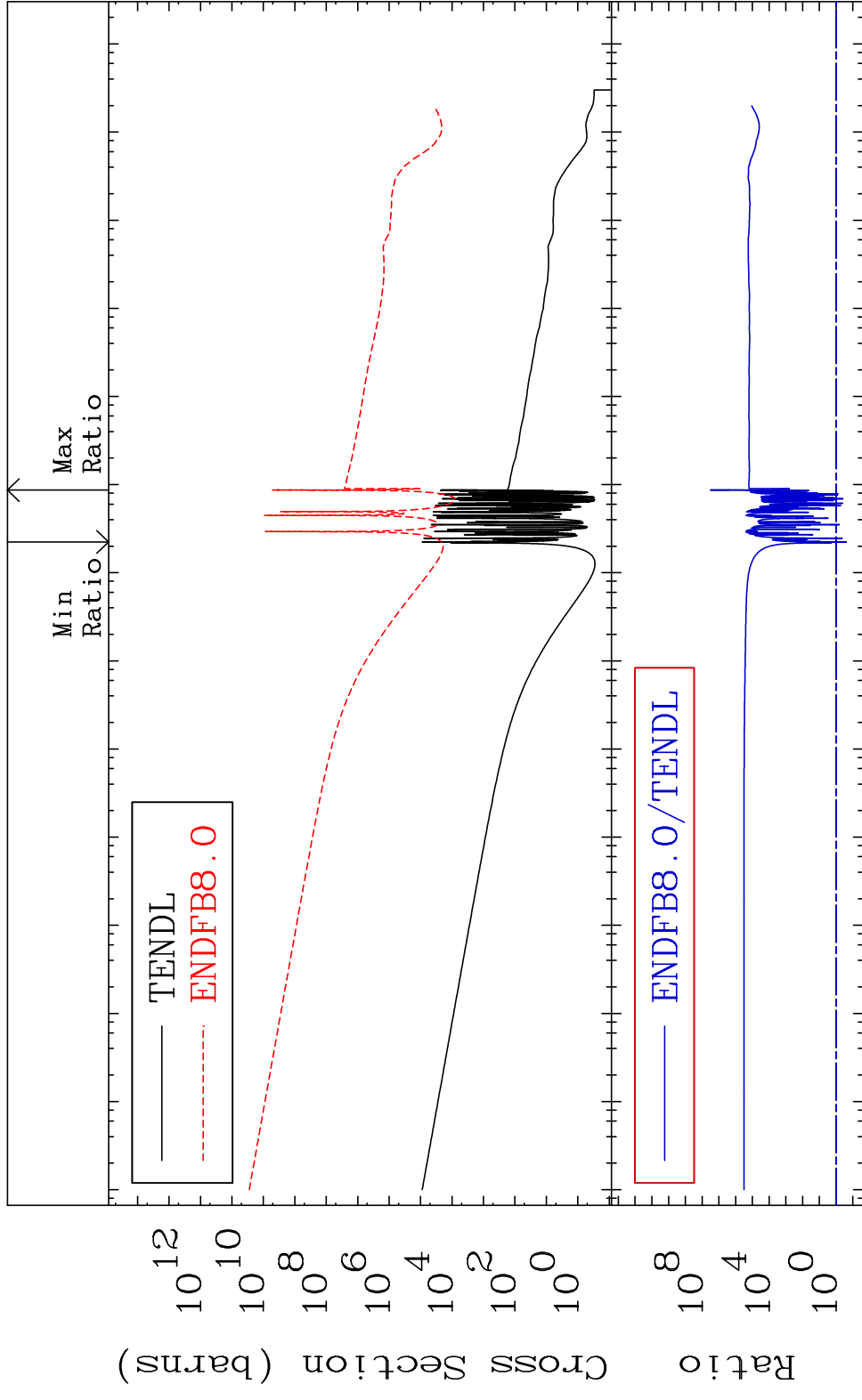


40 Incident Energy (eV) 50-Sn-115

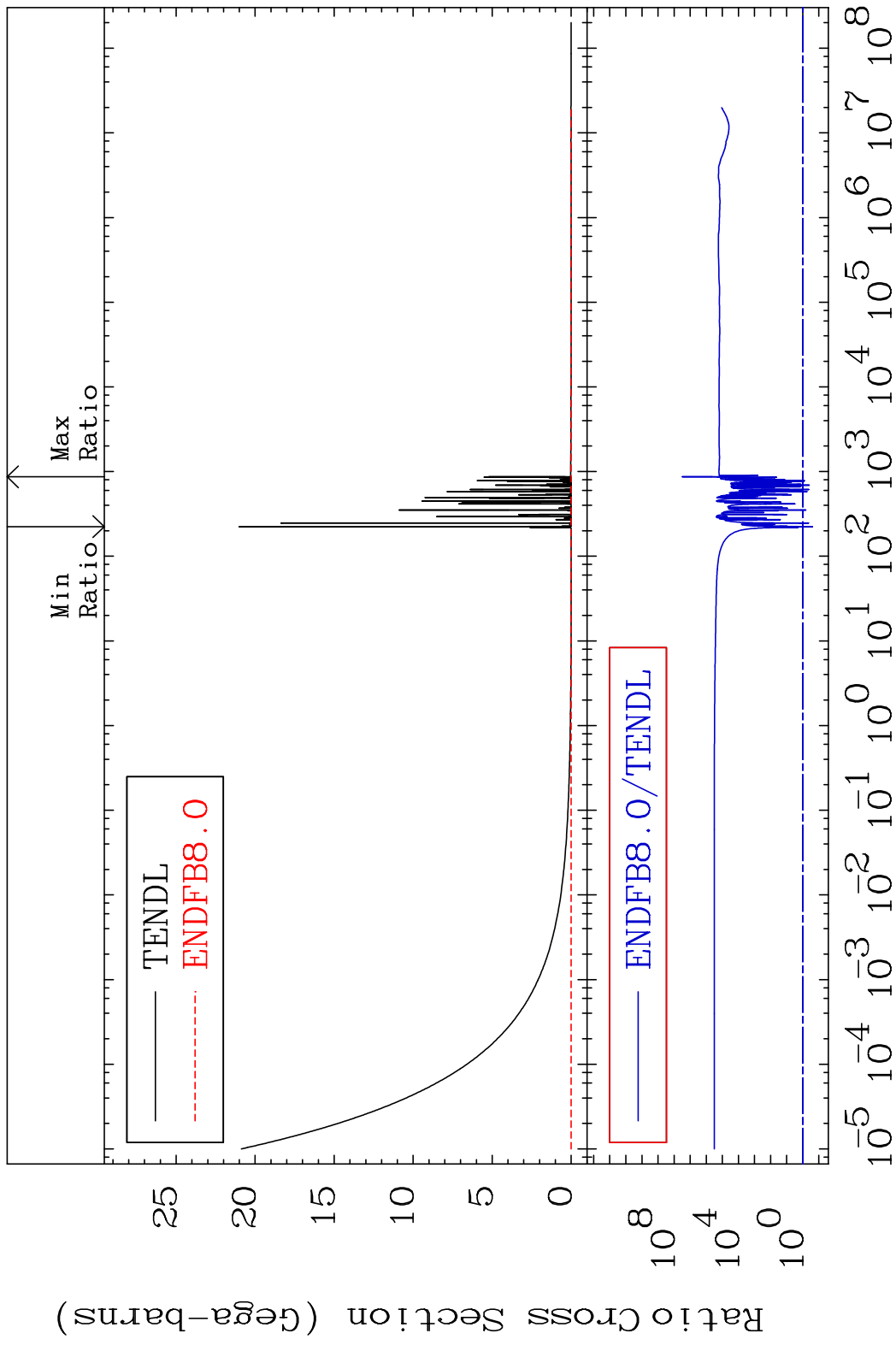
MAT 5034 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-115  
 Cross Section 1308. To 9999. %



MAT 5034 Kerma capture (mt102) 50-Sn-115  
 Cross Section -75.36 To 9999. %

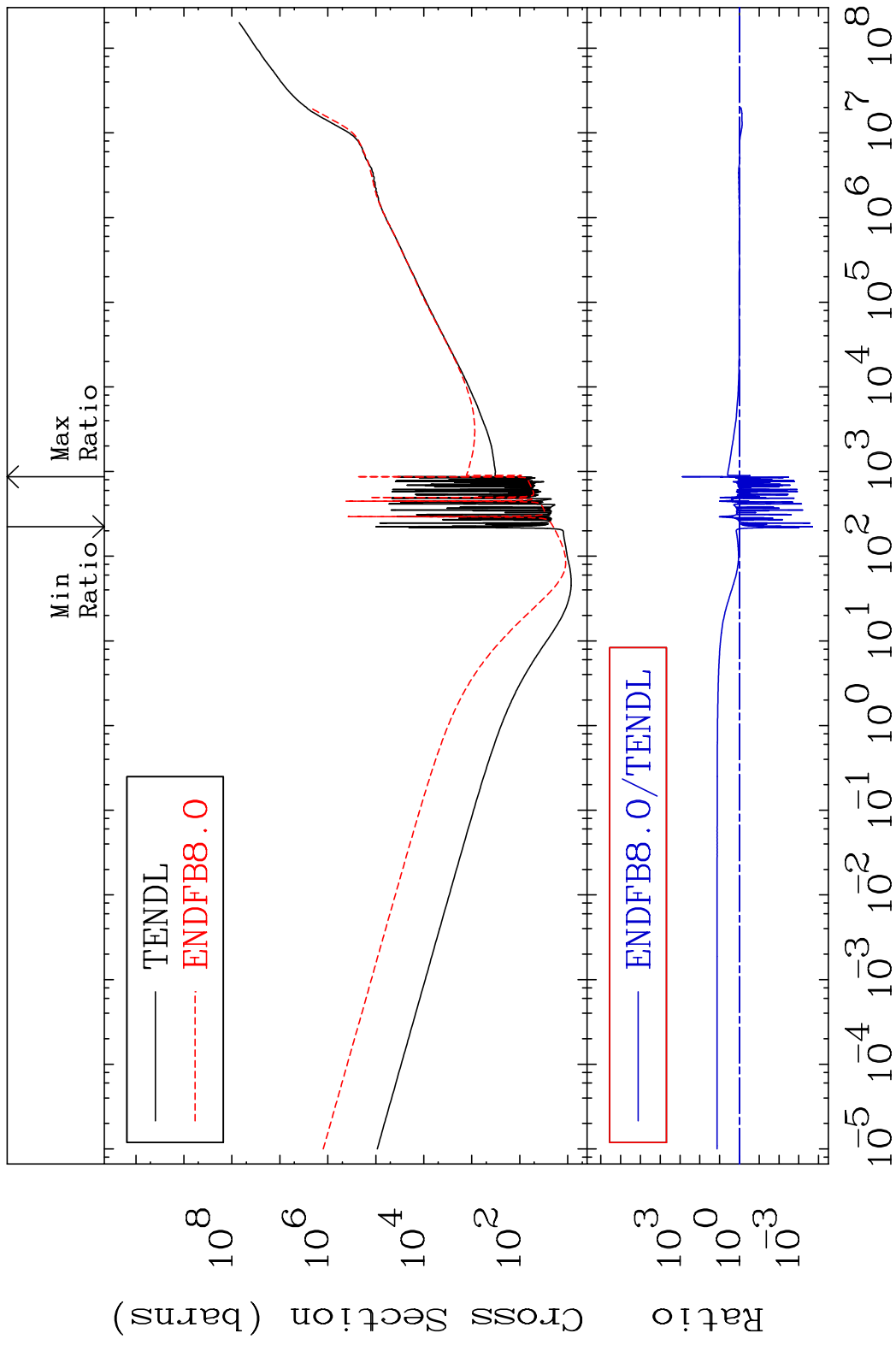


MAT 5034 Total photon (eV-barns) 50-Sn-115  
Cross Section -75.36 To 9999. %

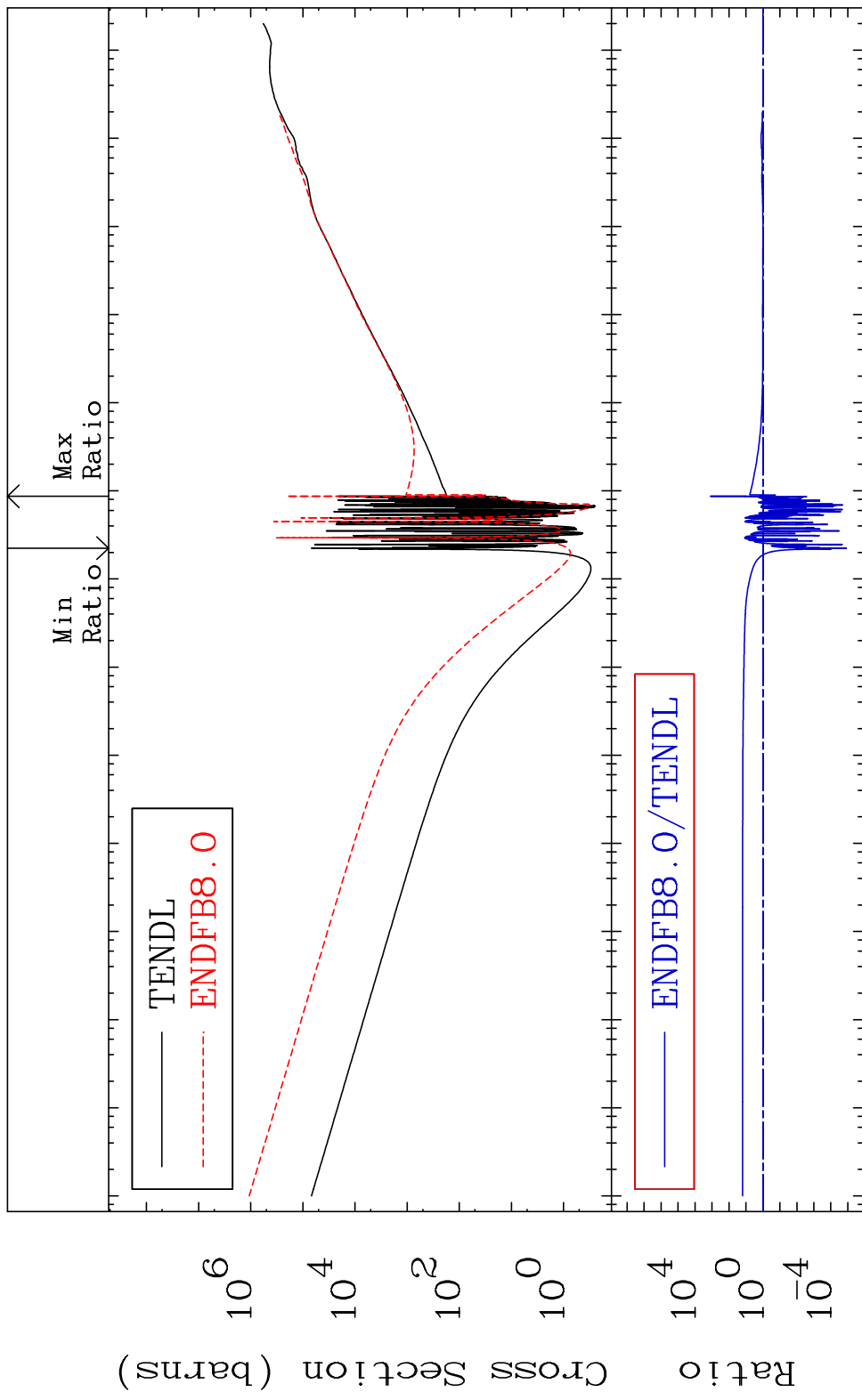


43 Incident Energy (eV) 50-Sn-115

MAT 5034 Total kinematic kerma (high limit) 50-Sn-115  
 Cross Section -99.98 To 9999. %



MAT 5034      Dpa total (eV-barns)      50-Sn-115  
 Cross Section      -100.0 To 9999. %



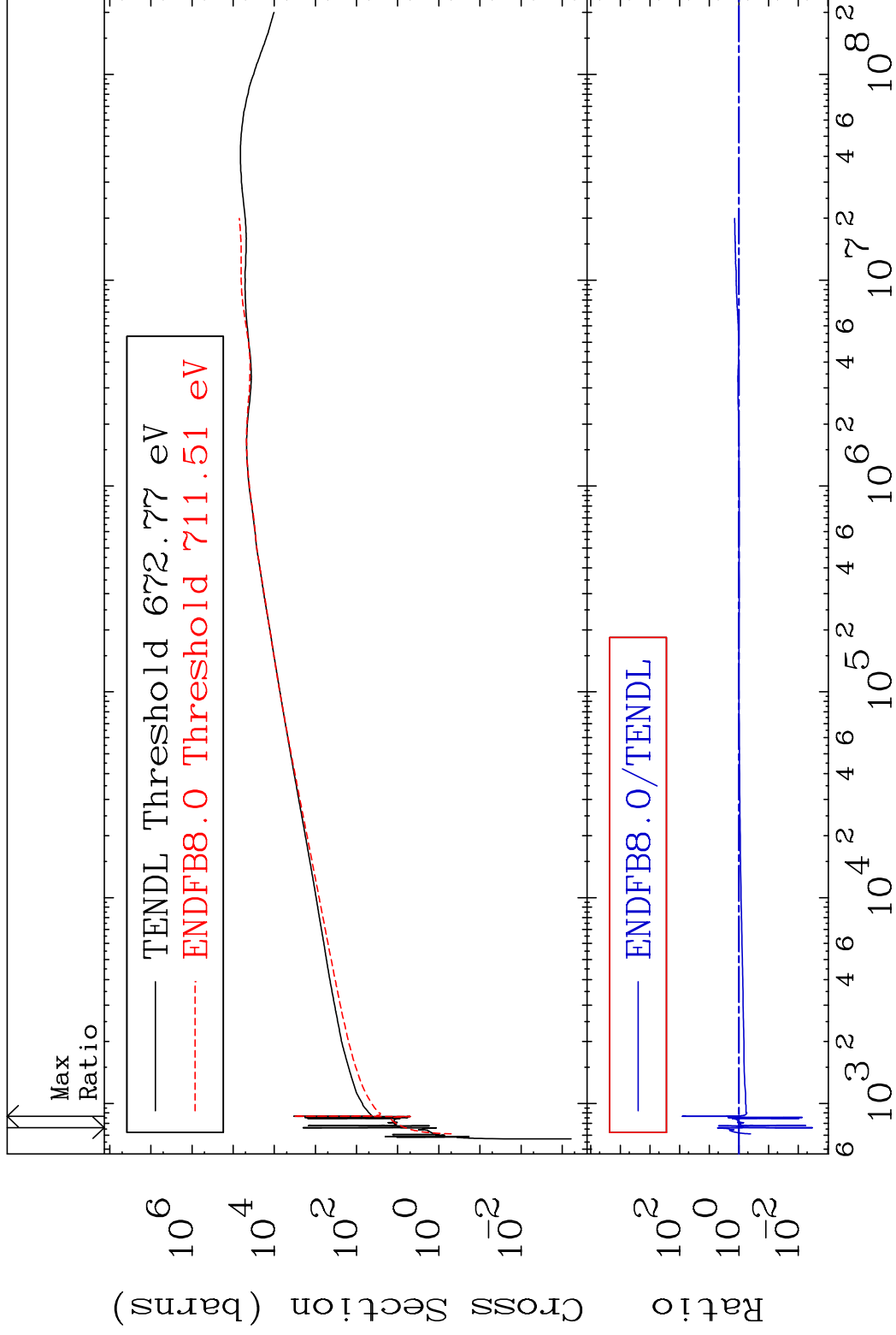
45      Incident Energy (eV)      50-Sn-115

MAT 5034

Dpa elastic (mt2)

50-Sn-115

Cross Section -99.67 To 8012. %

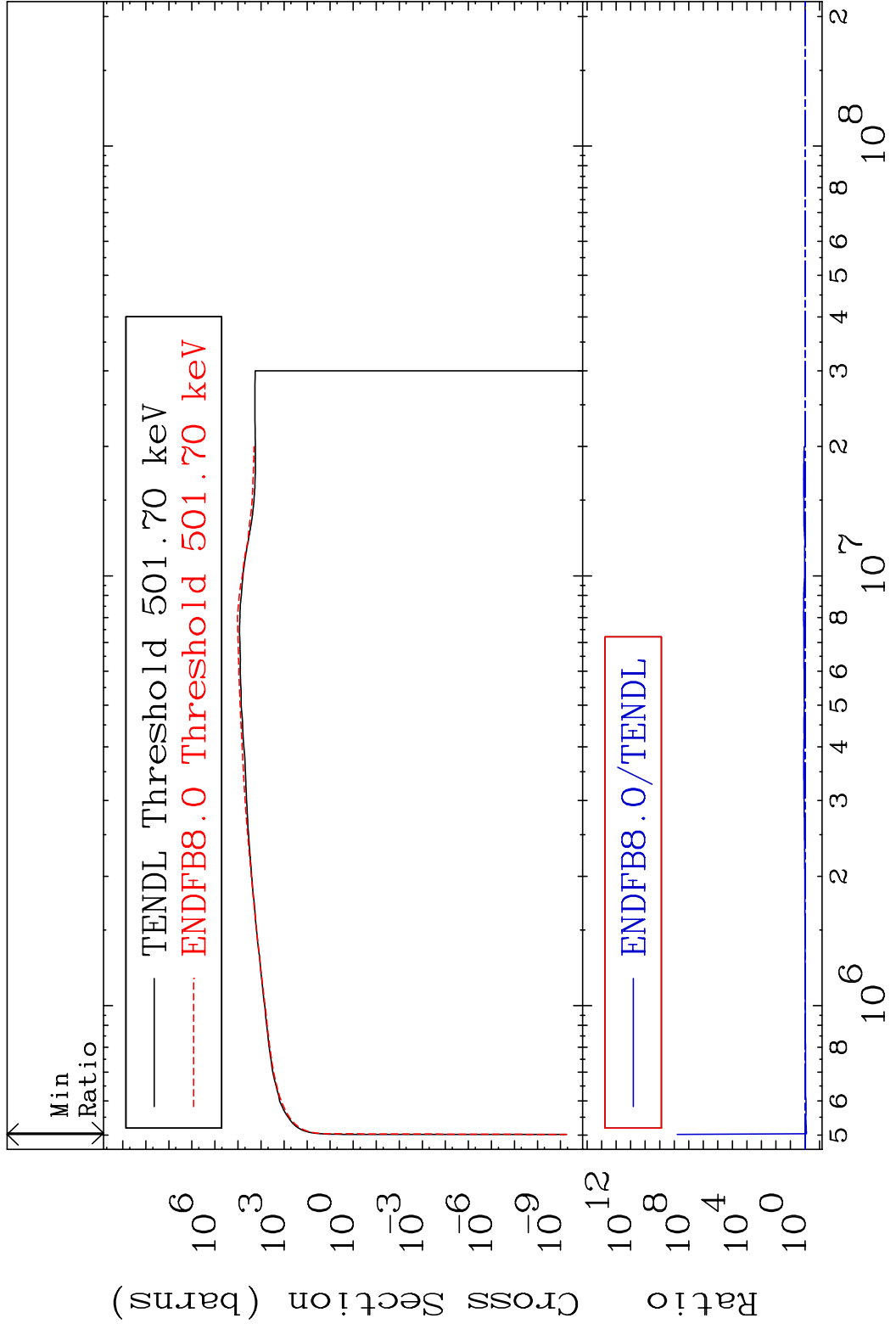


46

Incident Energy (eV)

50-Sn-115

MAT 5034 Dpa inelastic (mt51-91) 50-Sn-115  
 Cross Section -19.75 To 9999. %



MAT 5034 Dpa disappearance (mt102 -120) 50-Sn-115  
 Cross Section -100.0 To 9999. %

