

Program Complot  
(Version 2021-1)

by

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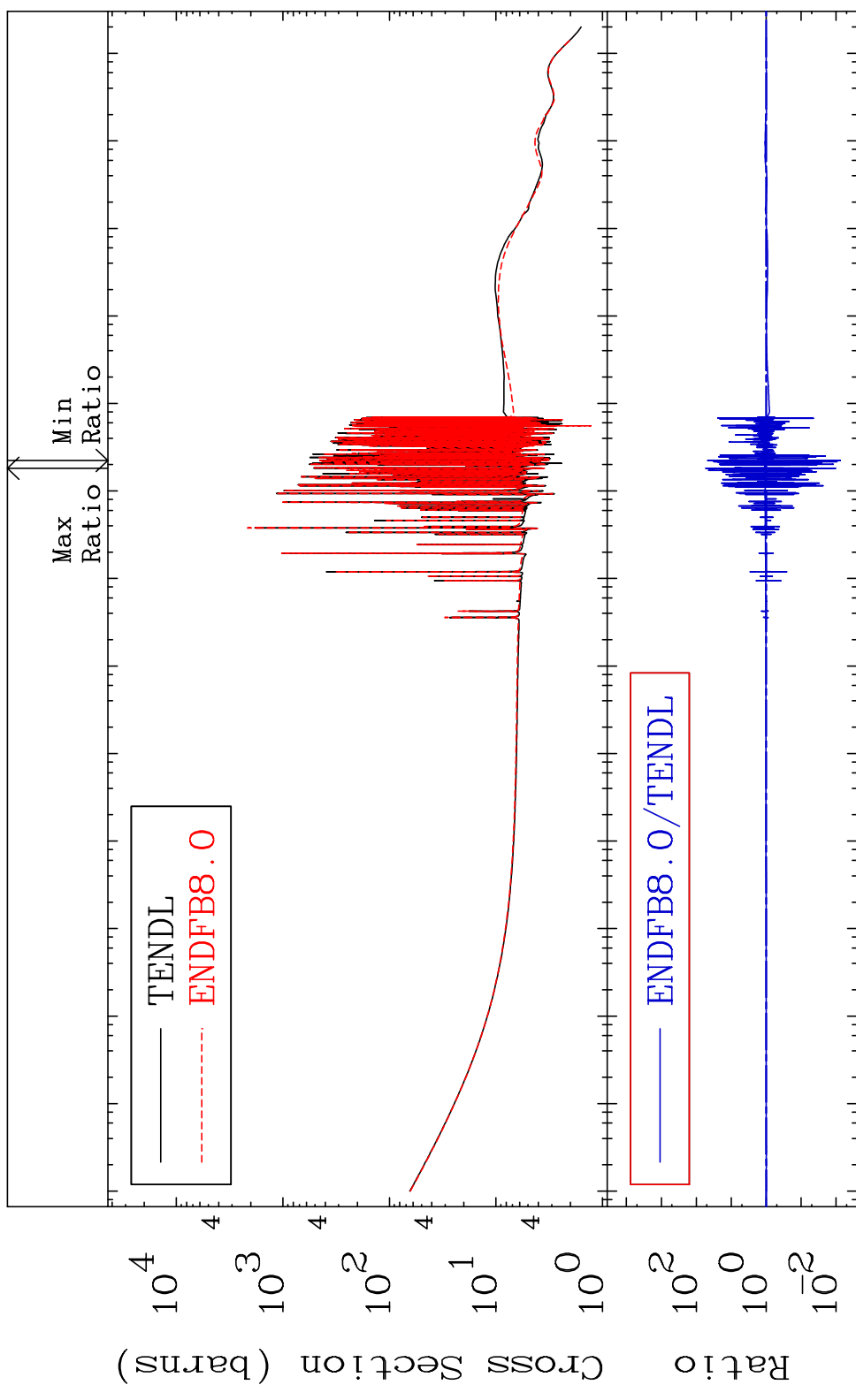
Press Mouse Button to Start

MAT 4125

Total

41-Nb-93

Cross Section -99.25 To 5266. %



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>

1

Incident Energy (eV)

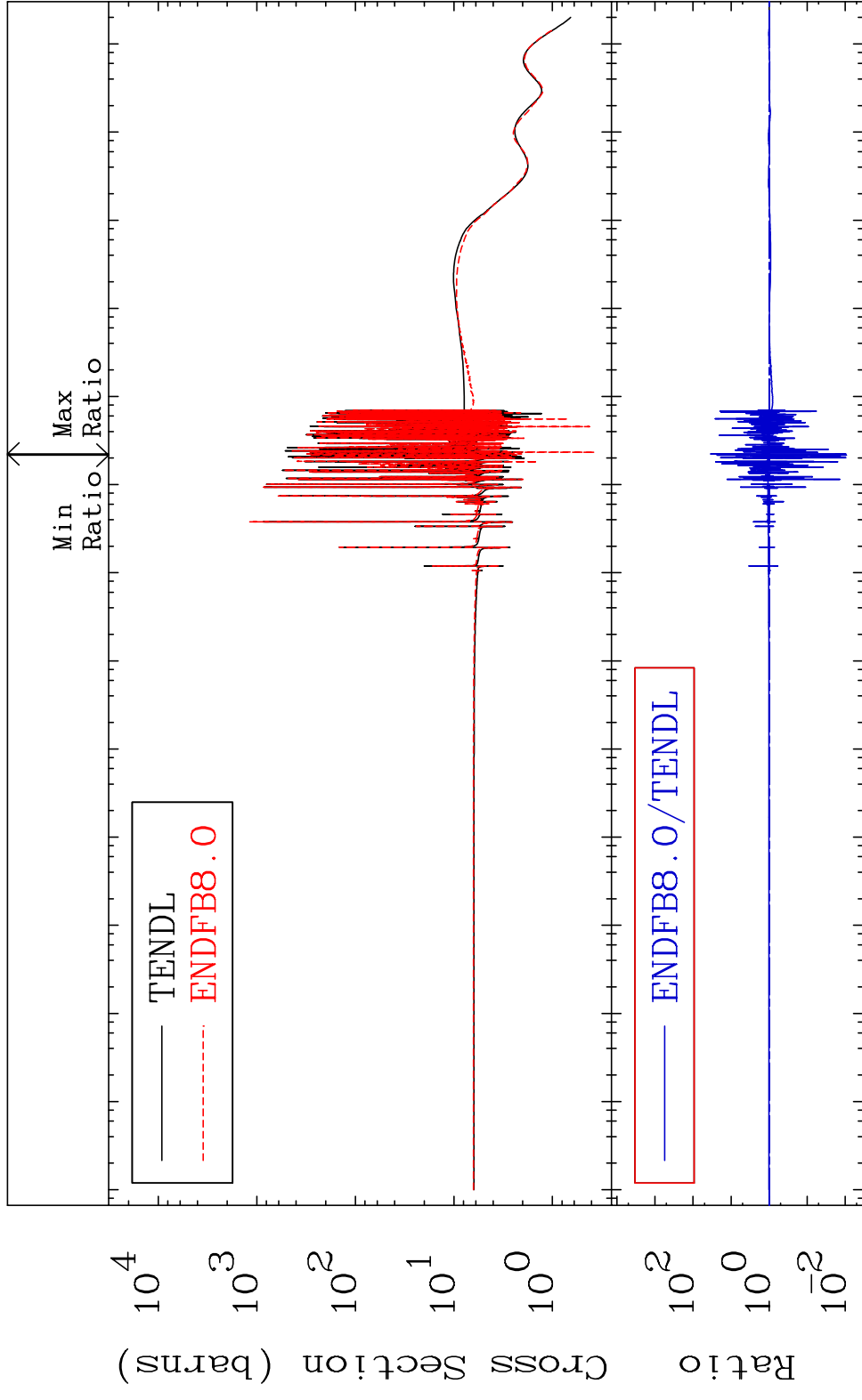
41-Nb-93

MAT 4125

Elastic

41-Nb-93

Cross Section -99.07 To 3330. %



2

Incident Energy (eV)

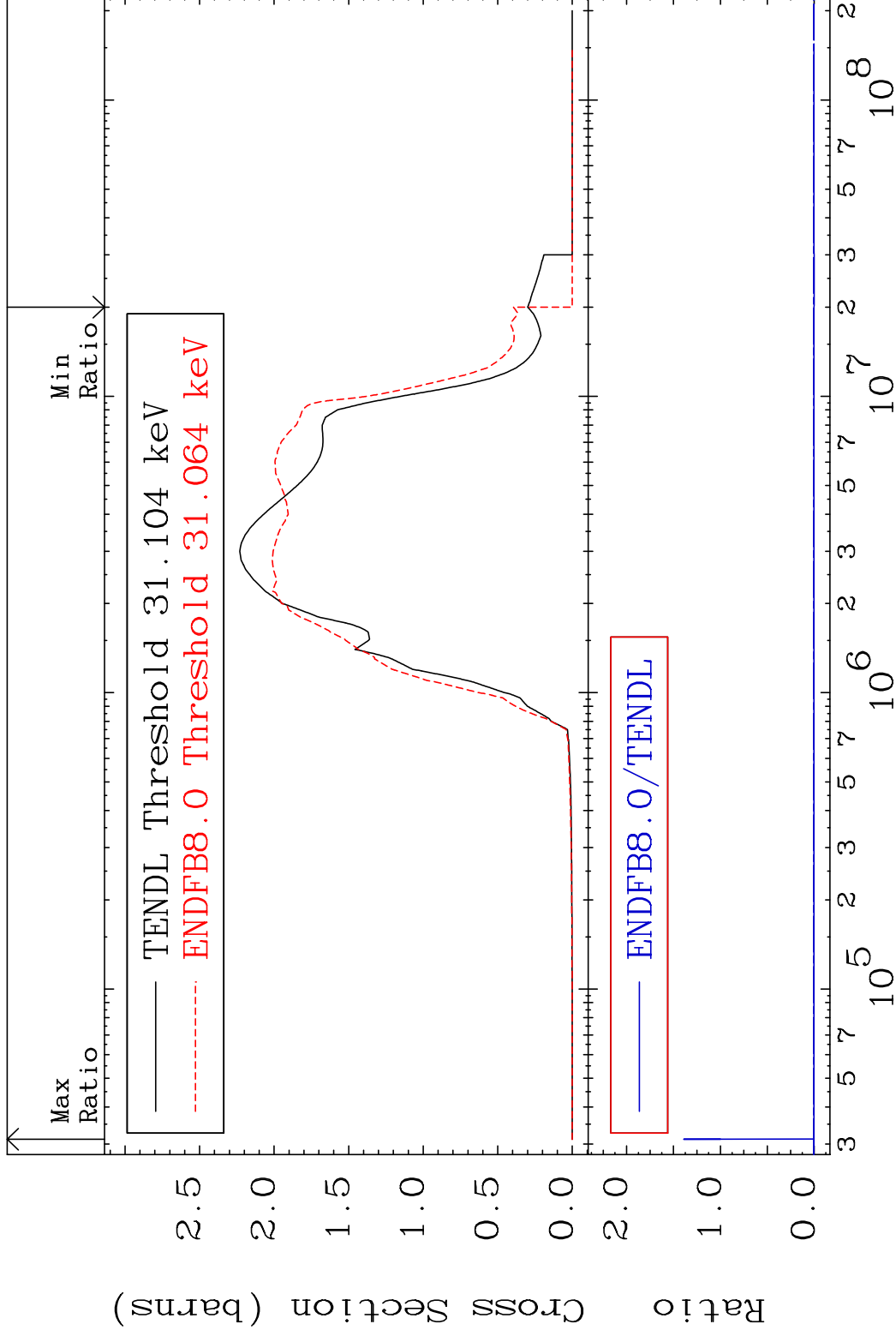
41-Nb-93

MAT 4125

Inelastic

41-Nb-93

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

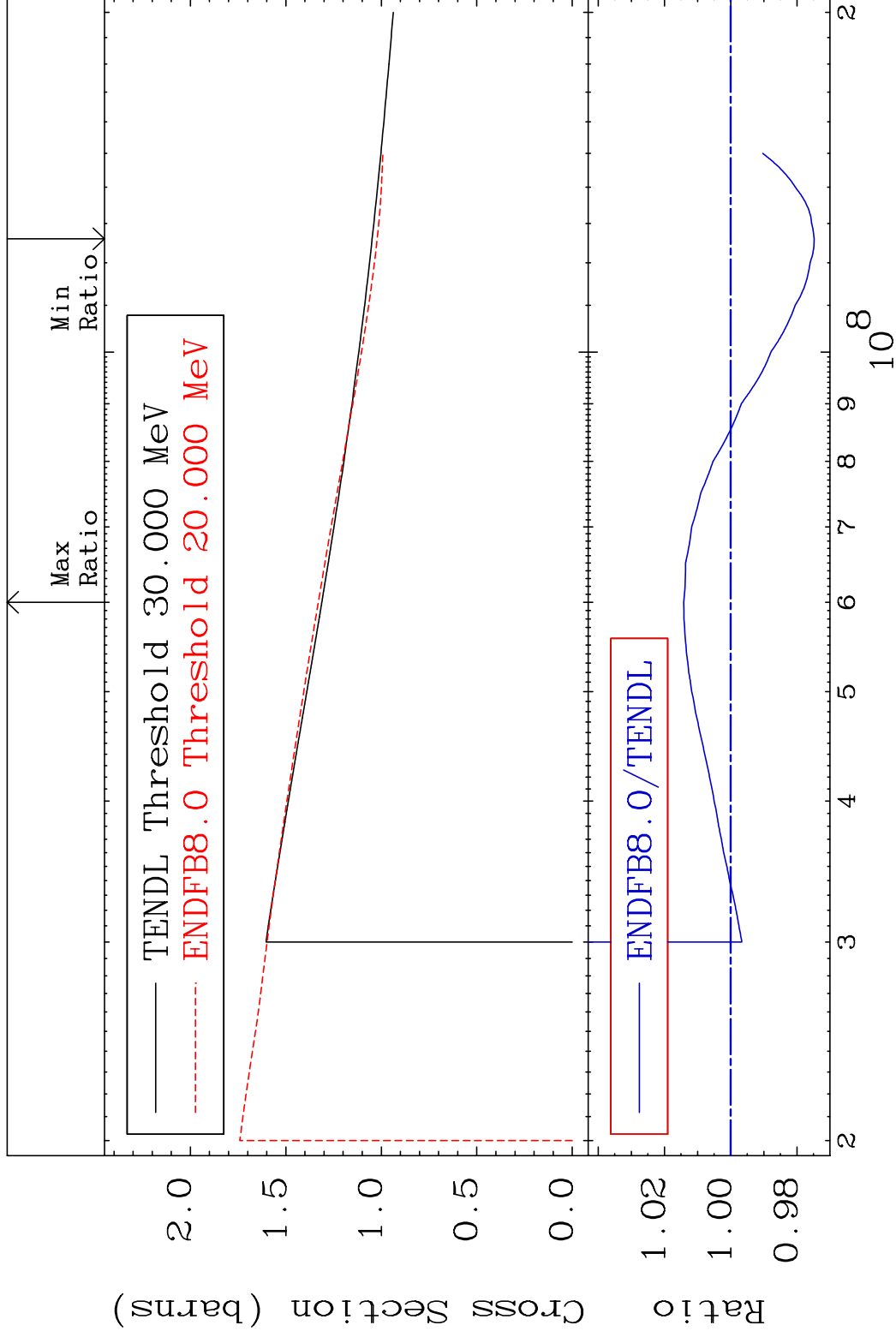
41-Nb-93

MAT 4125

(n, remainder)

41-Nb-93

Cross Section -2.519 To 1.420 %



4

Incident Energy (eV)

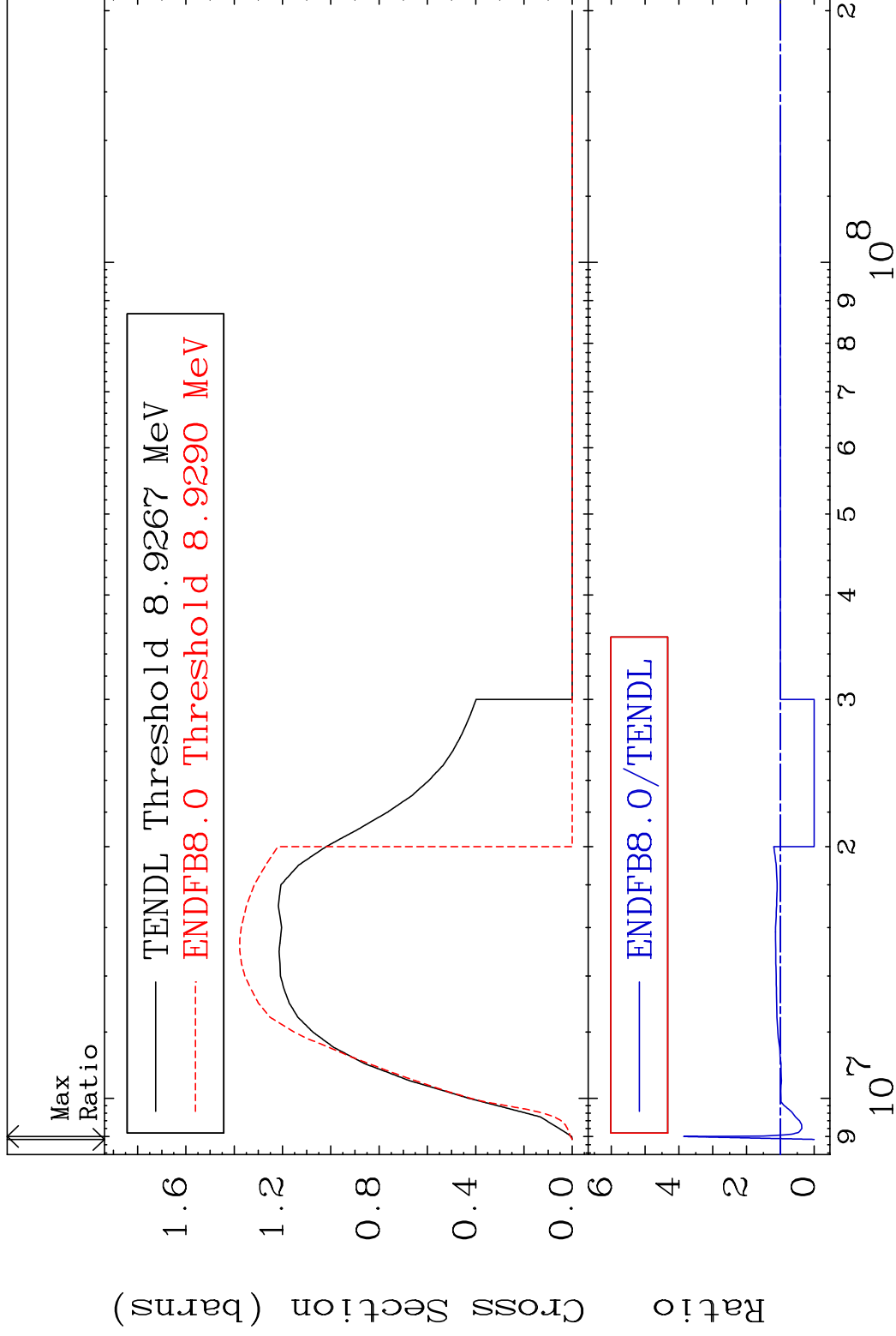
41-Nb-93

MAT 4125

(n,2n)

41-Nb-93

Cross Section -100.0 To 285.8 %

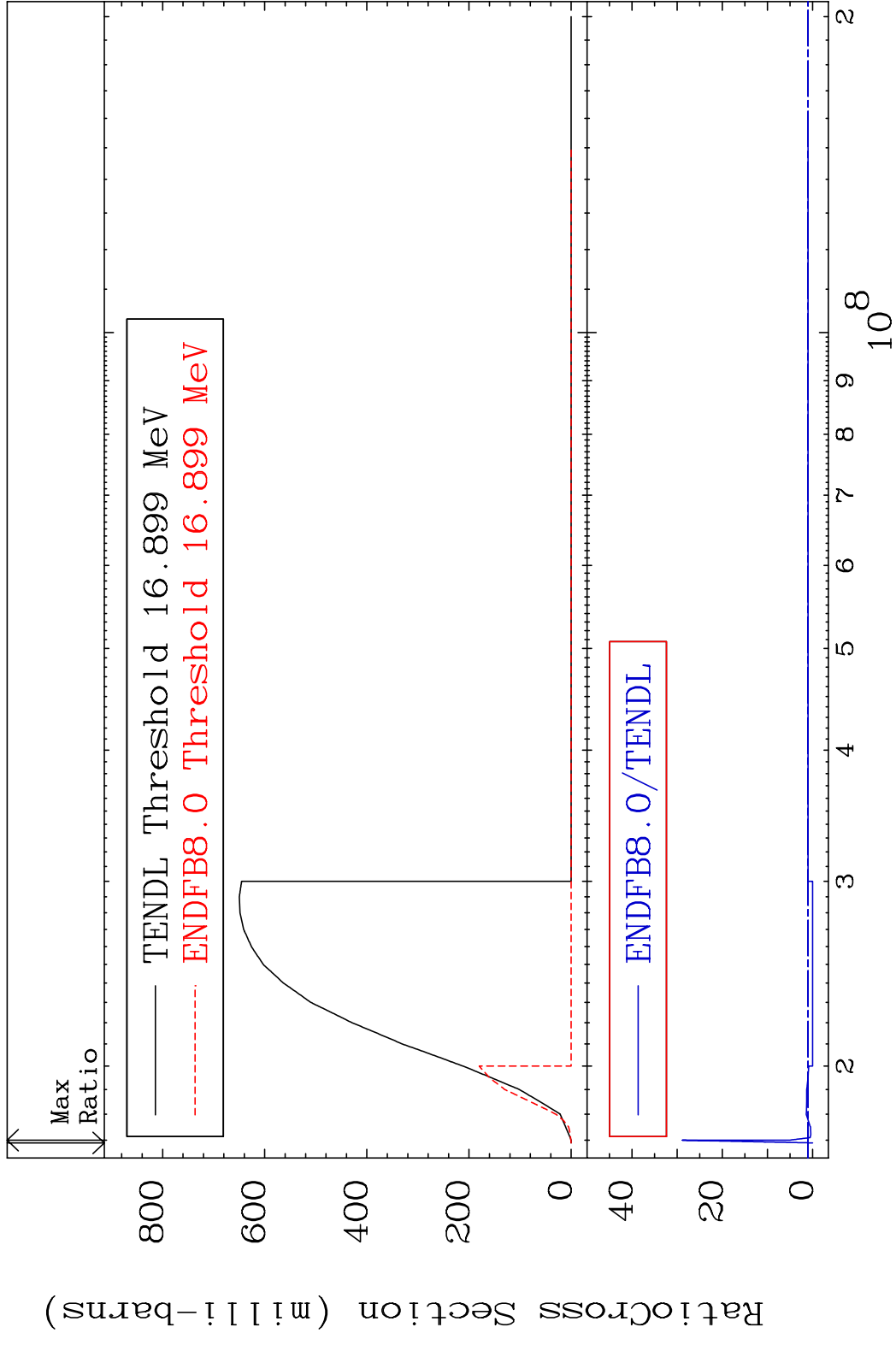


5

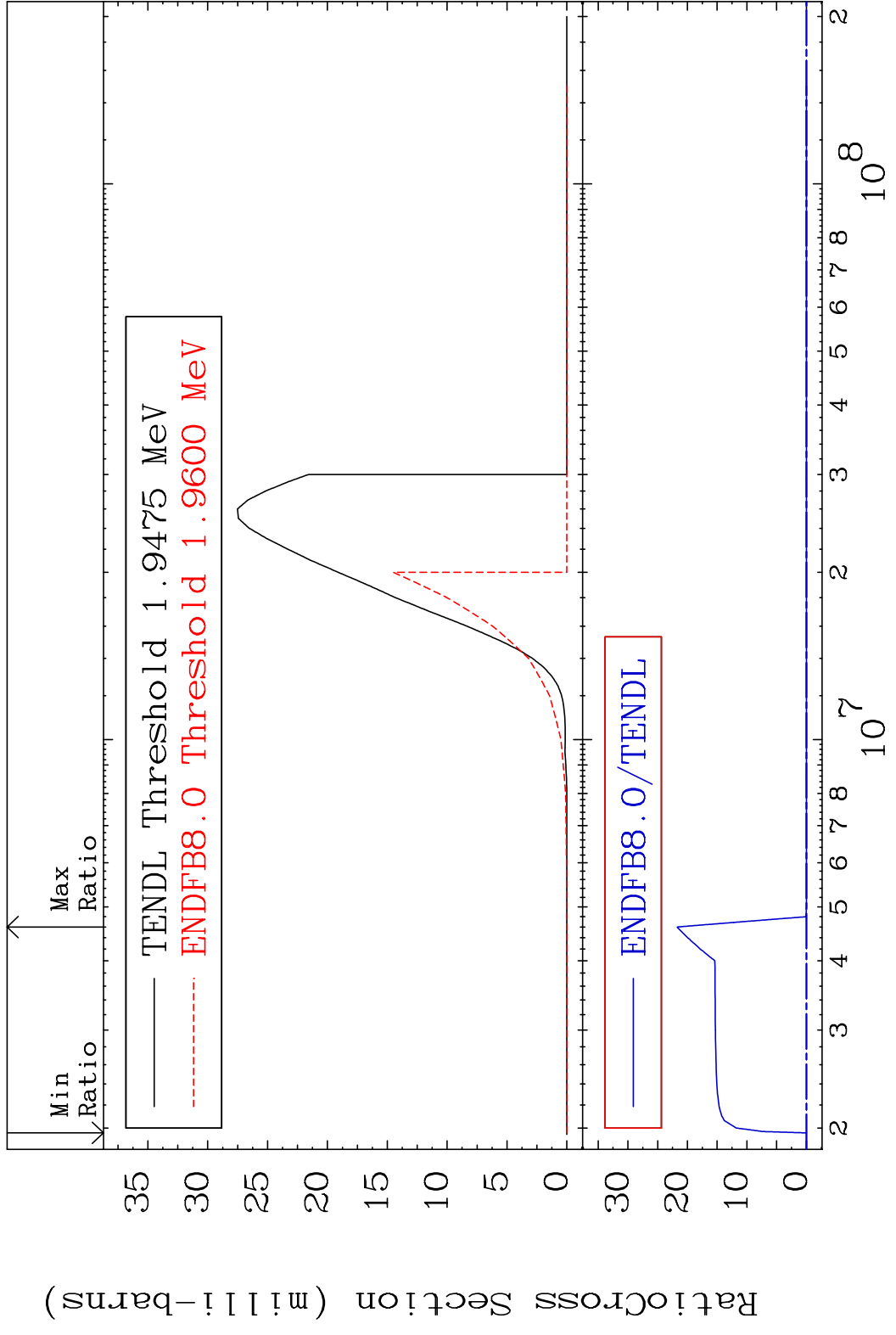
Incident Energy (eV)

41-Nb-93

MAT 4125 (n,3n) 41-Nb-93  
 Cross Section -100.0 To 2783. %



MAT 4125 (n, n')  $\alpha$  41-Nb-93  
 Cross Section -100.0 To 9999. %



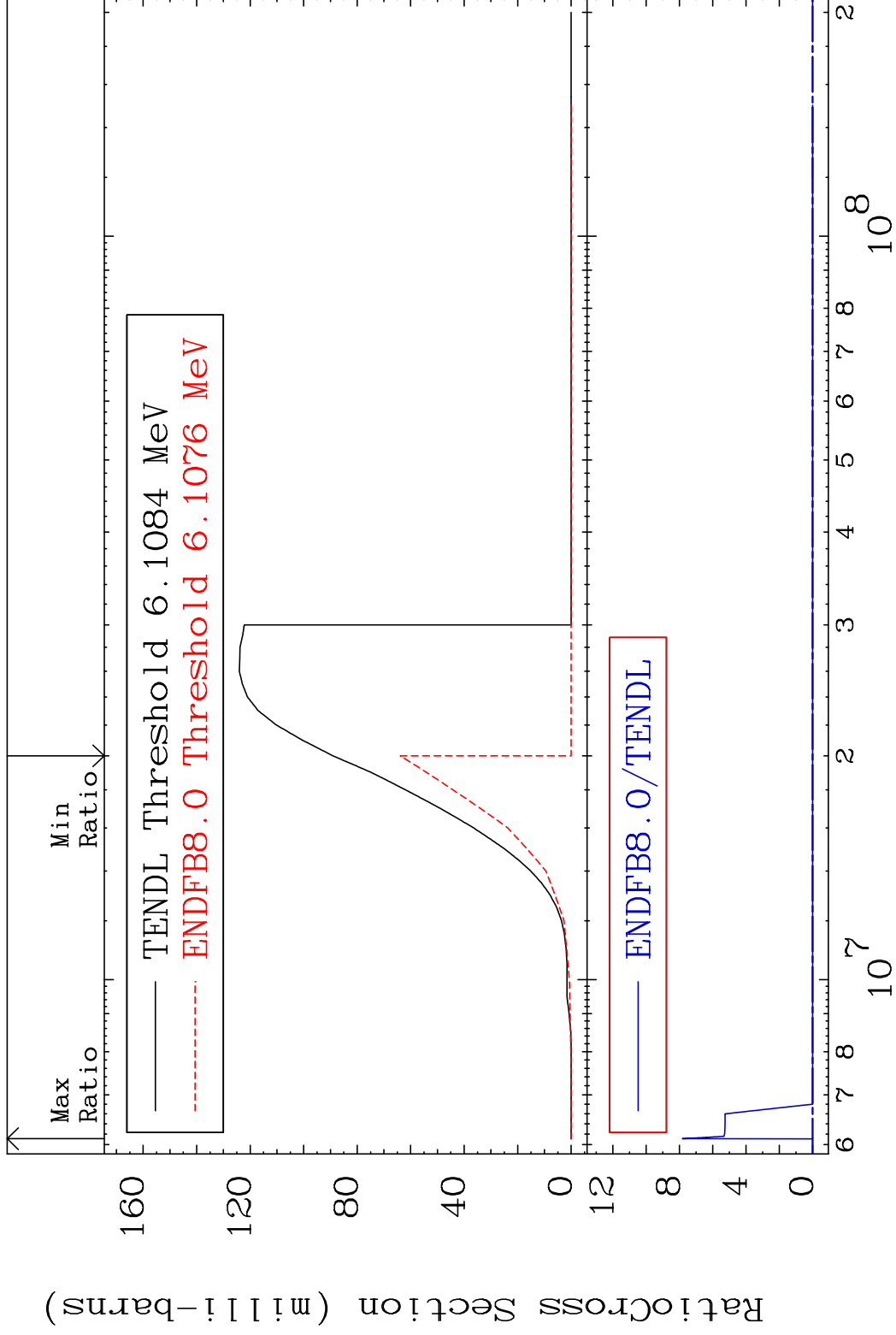


MAT 4125

(n, n') p

41-Nb-93

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

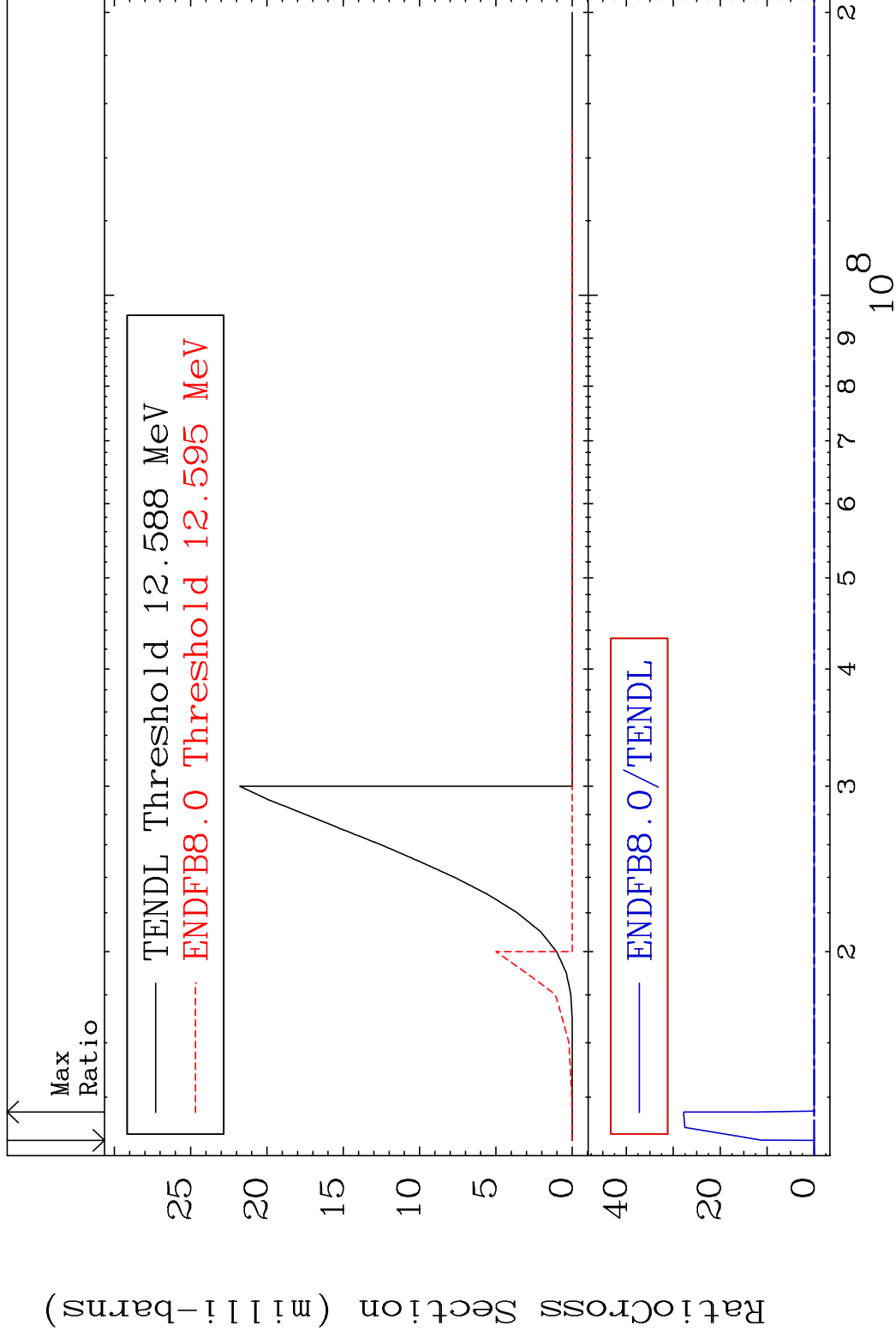
41-Nb-93

MAT 4125

(n, n') d

41-Nb-93

Cross Section -100.0 To 9999. %

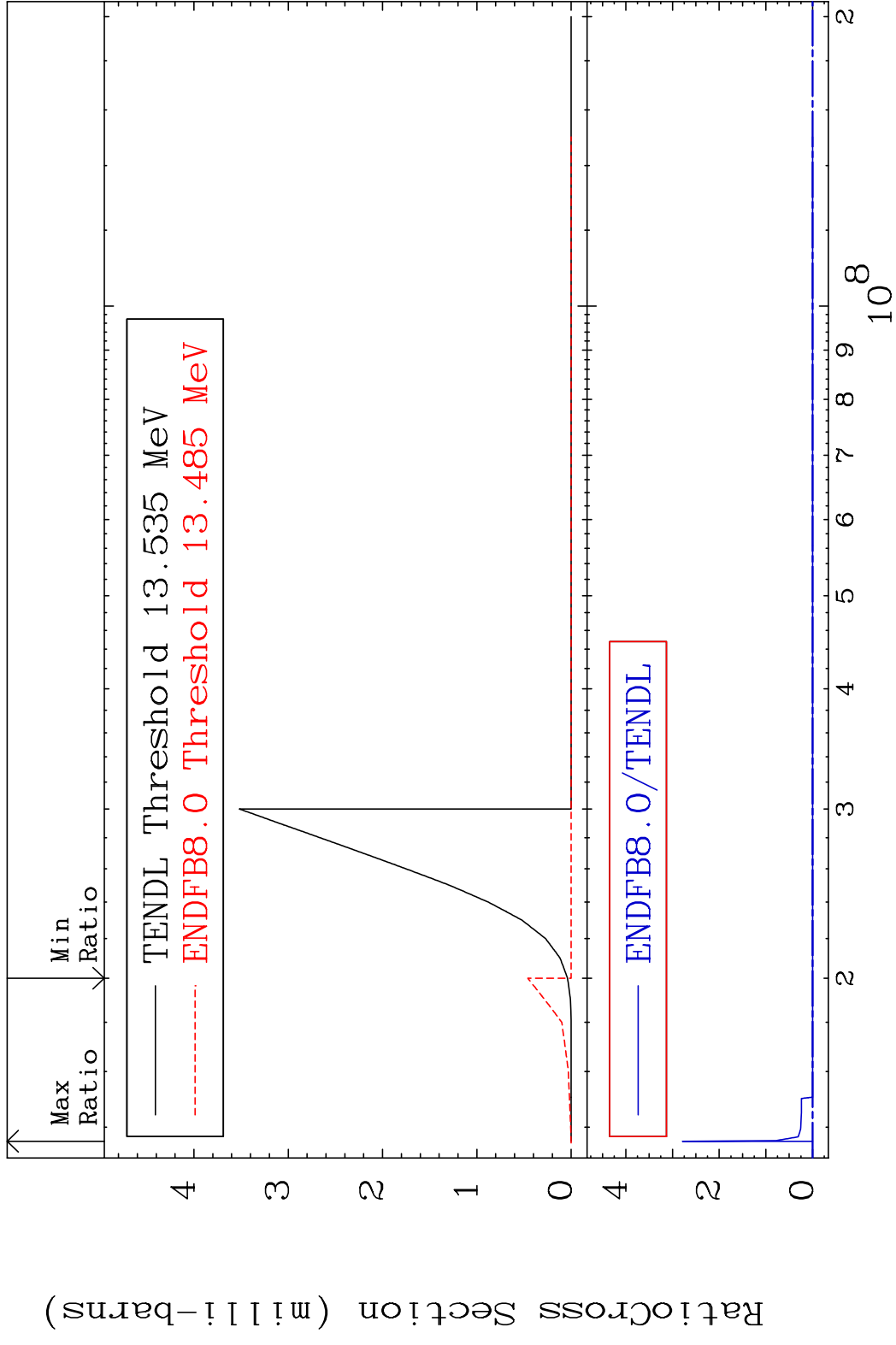


9

Incident Energy (eV)

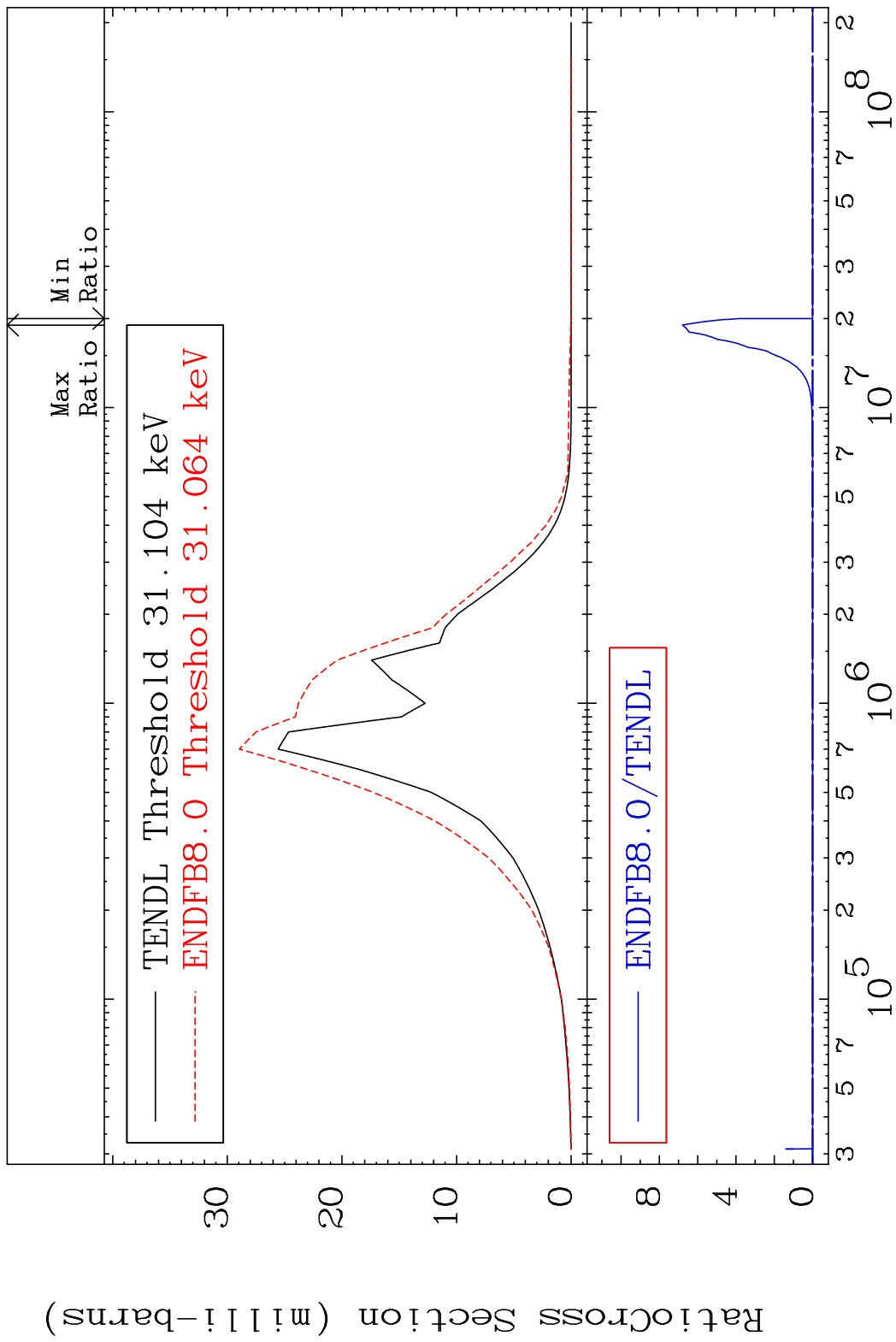
41-Nb-93

MAT 4125 (n, n') t 41-Nb-93  
 Cross Section -100.0 To 9999. %

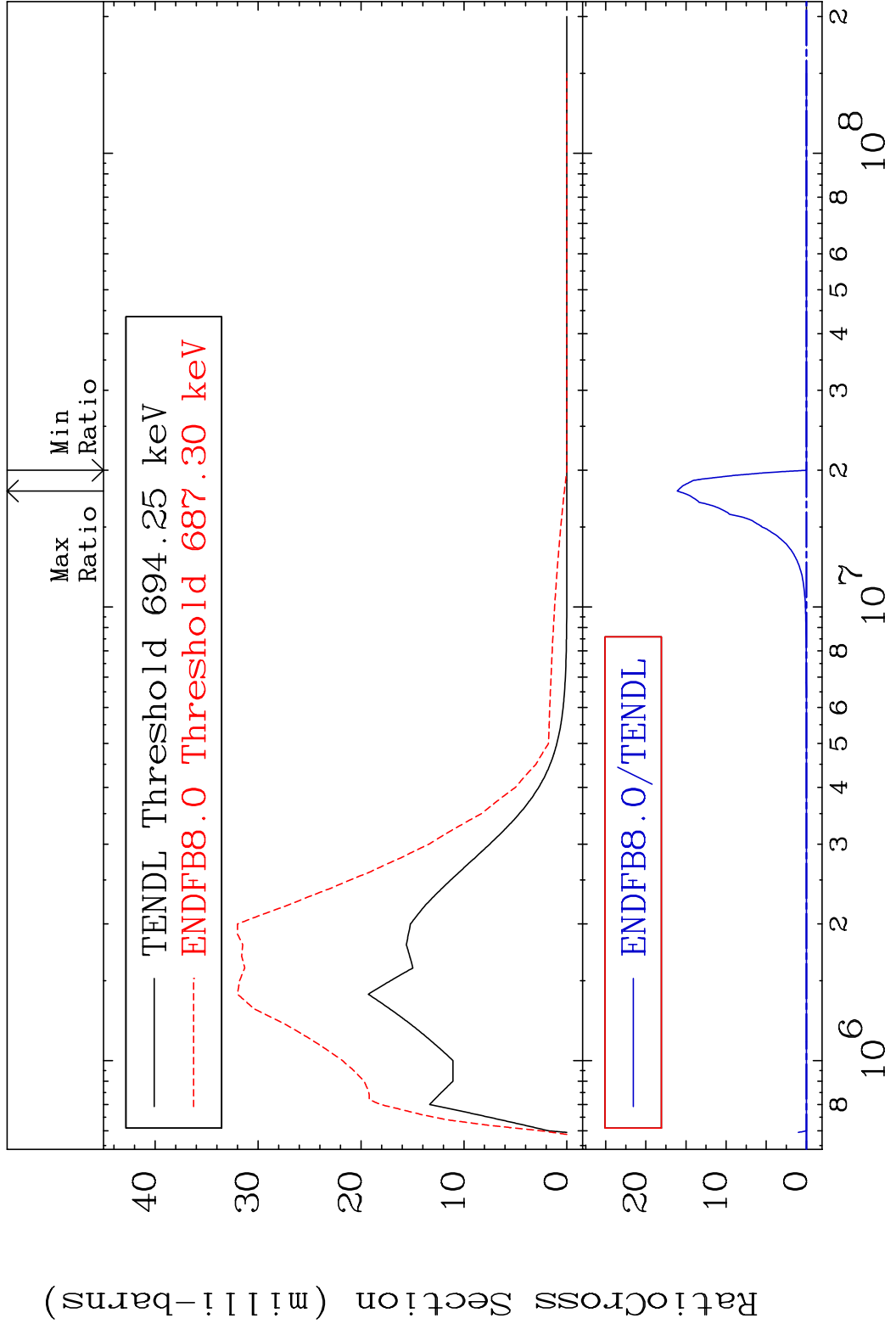


10 Incident Energy (eV) 41-Nb-93

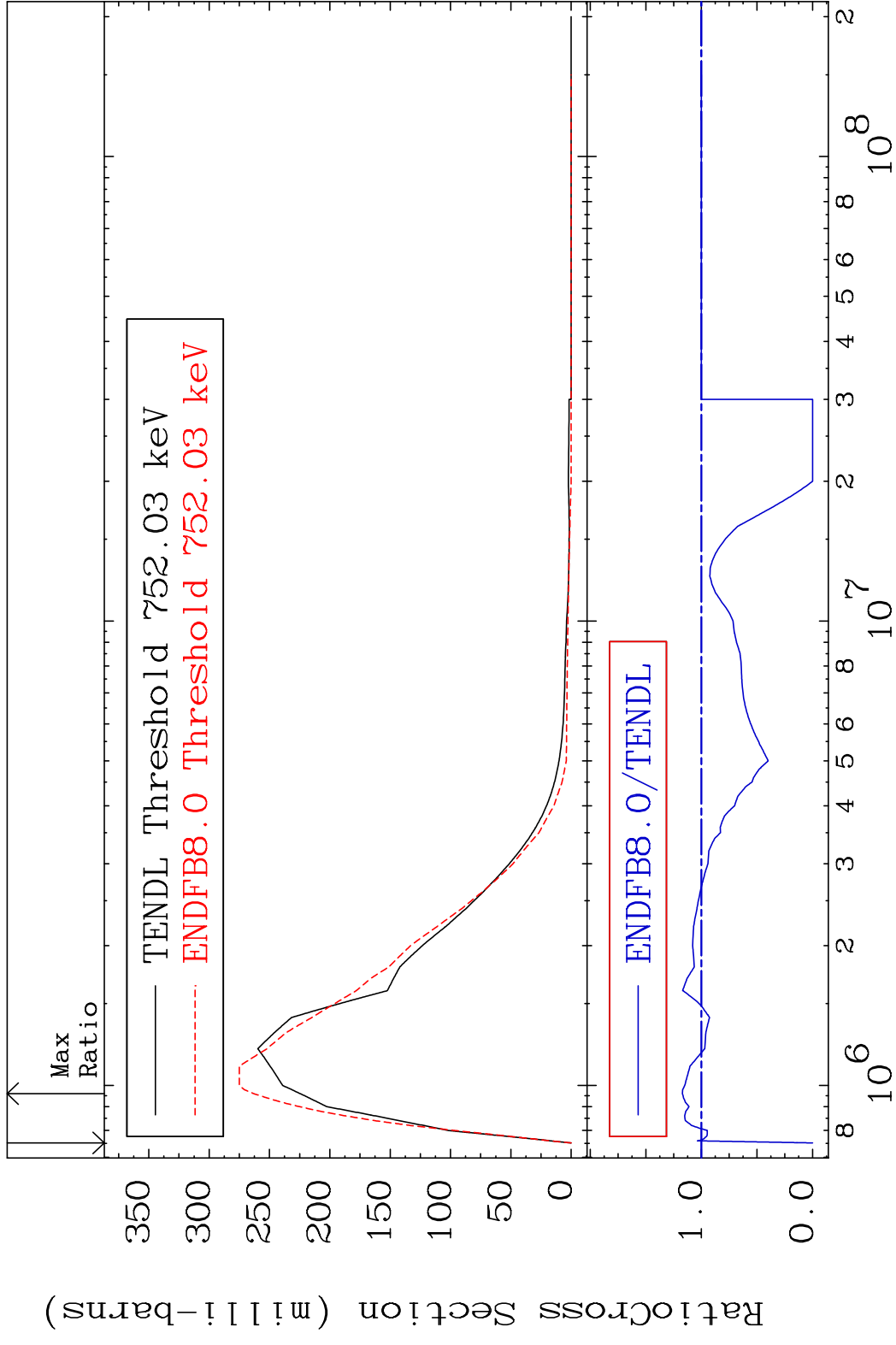
MAT 4125 MT= 51 (n,n') Level 41-Nb-93  
 Cross Section -100.0 To 9999. %



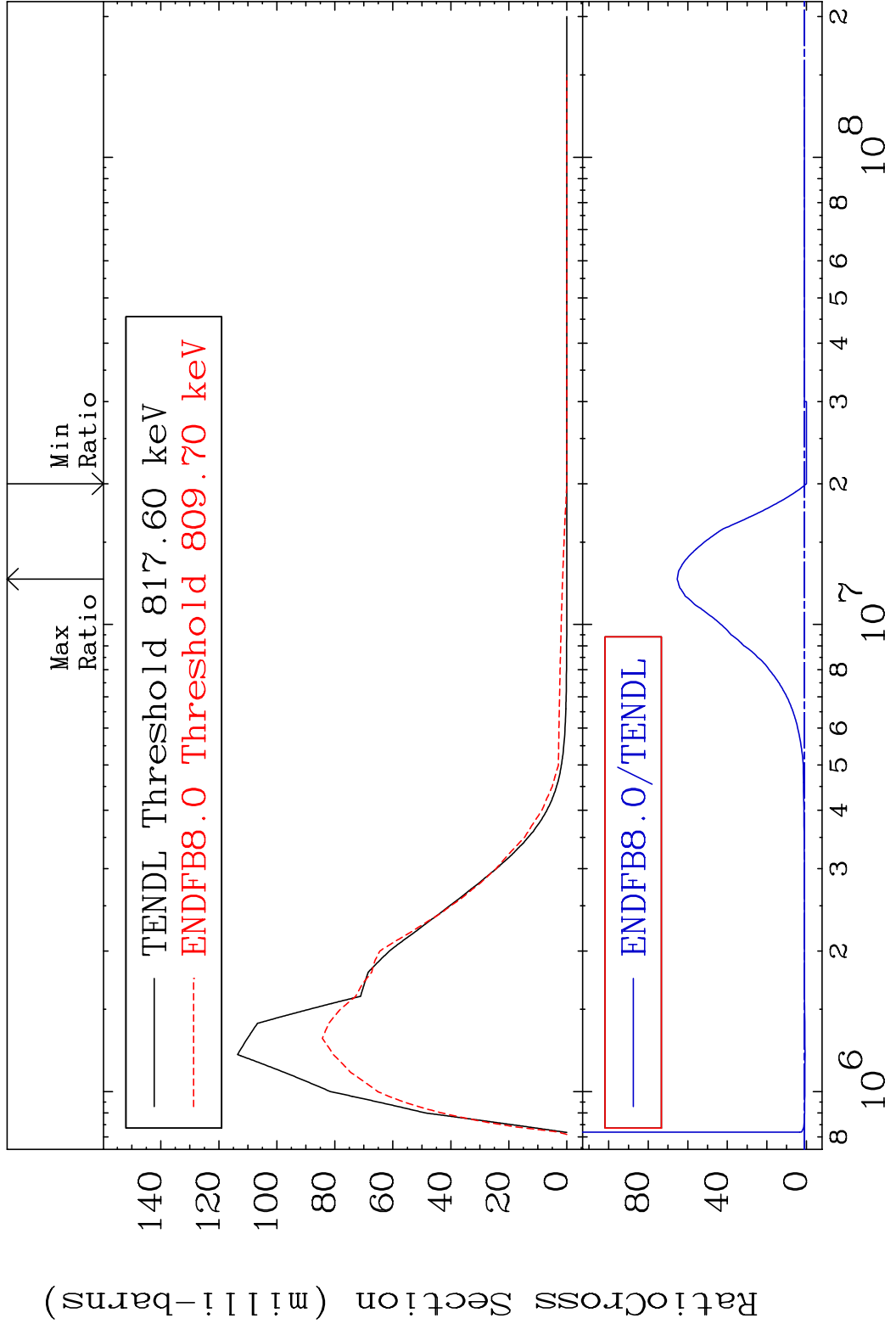
MAT 4125 MT= 52 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 9999. %



MAT 4125 MT= 53 (n,n') Level 41-Nb-93  
 Cross Section -100.0 To 17.16 %

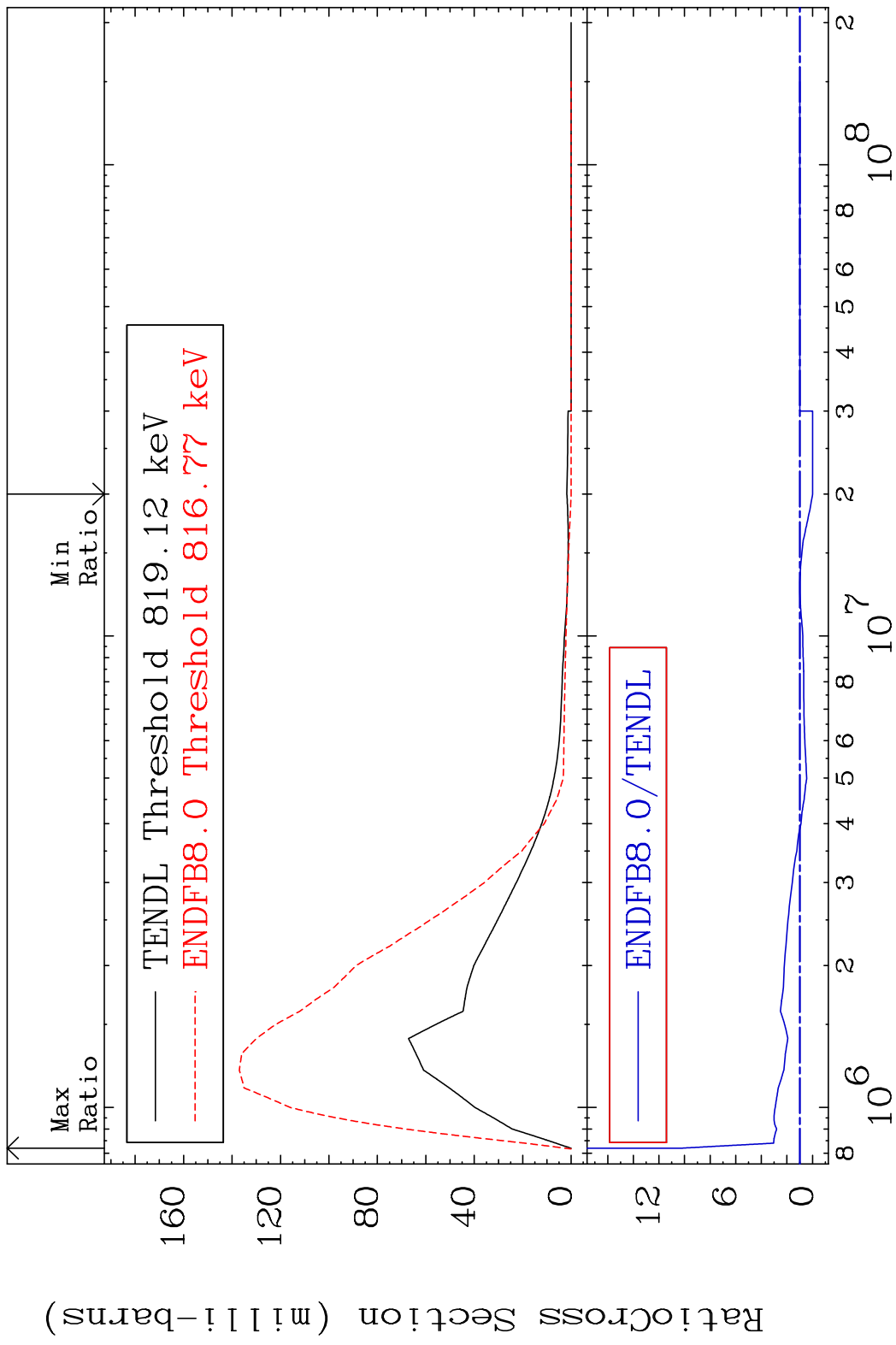


MAT 4125 MT= 54 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 6435. %



14 Incident Energy (eV) 41-Nb-93

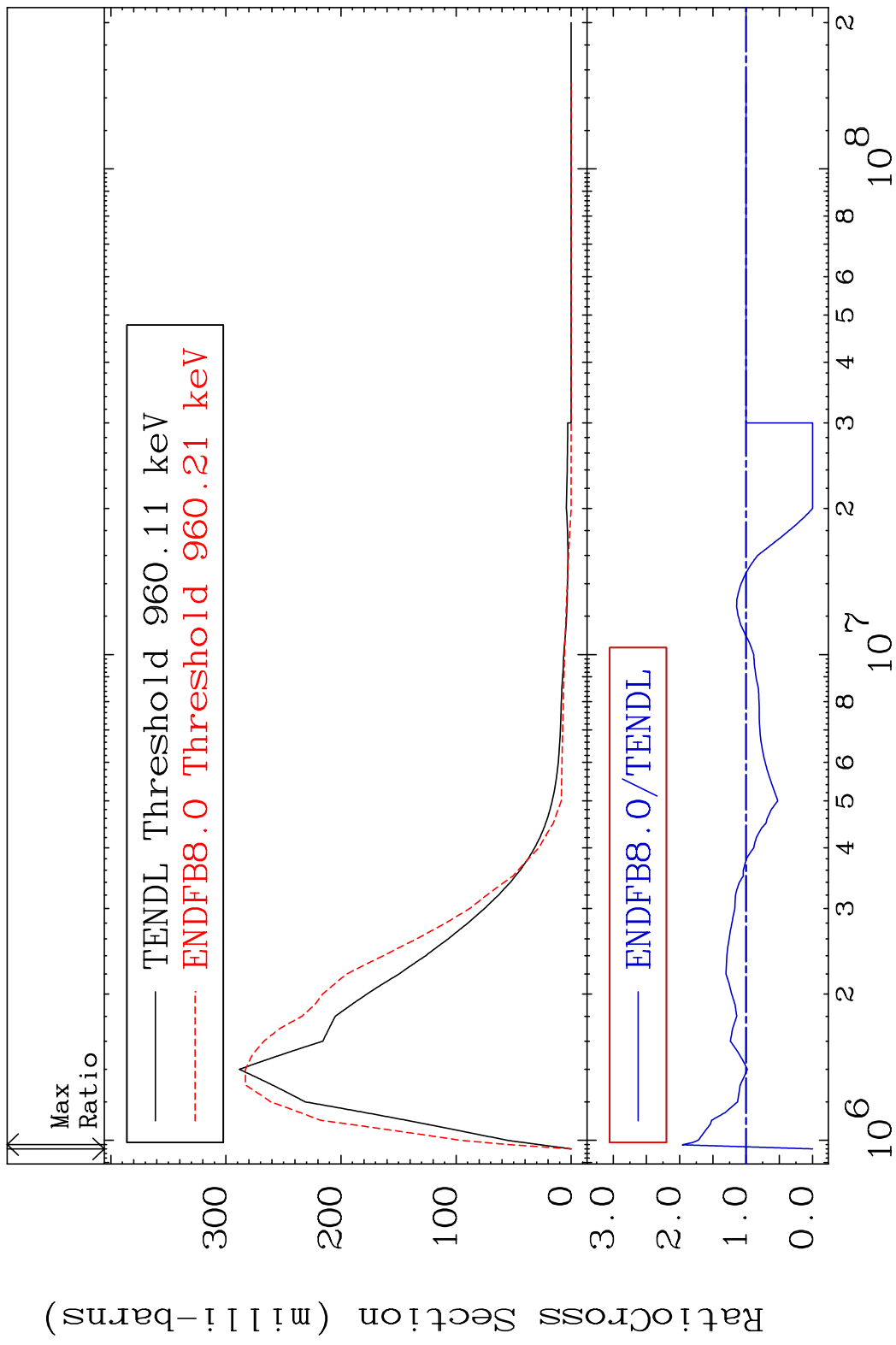
MAT 4125 MT= 55 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 916.9 %



15 41-Nb-93

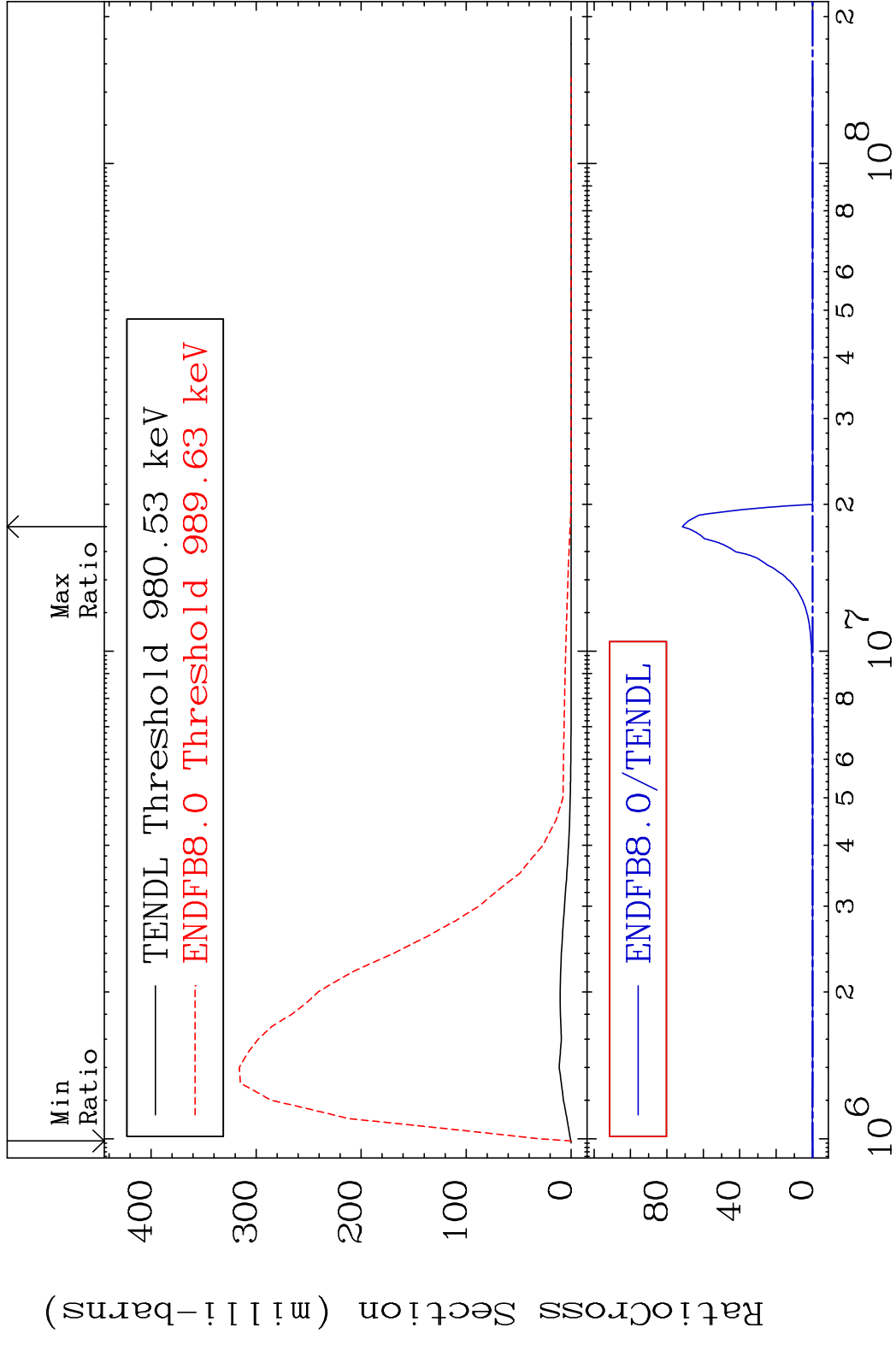


MAT 4125 MT= 56 (n,n') Level 41-Nb-93  
 Cross Section -100.0 To 95.98 %



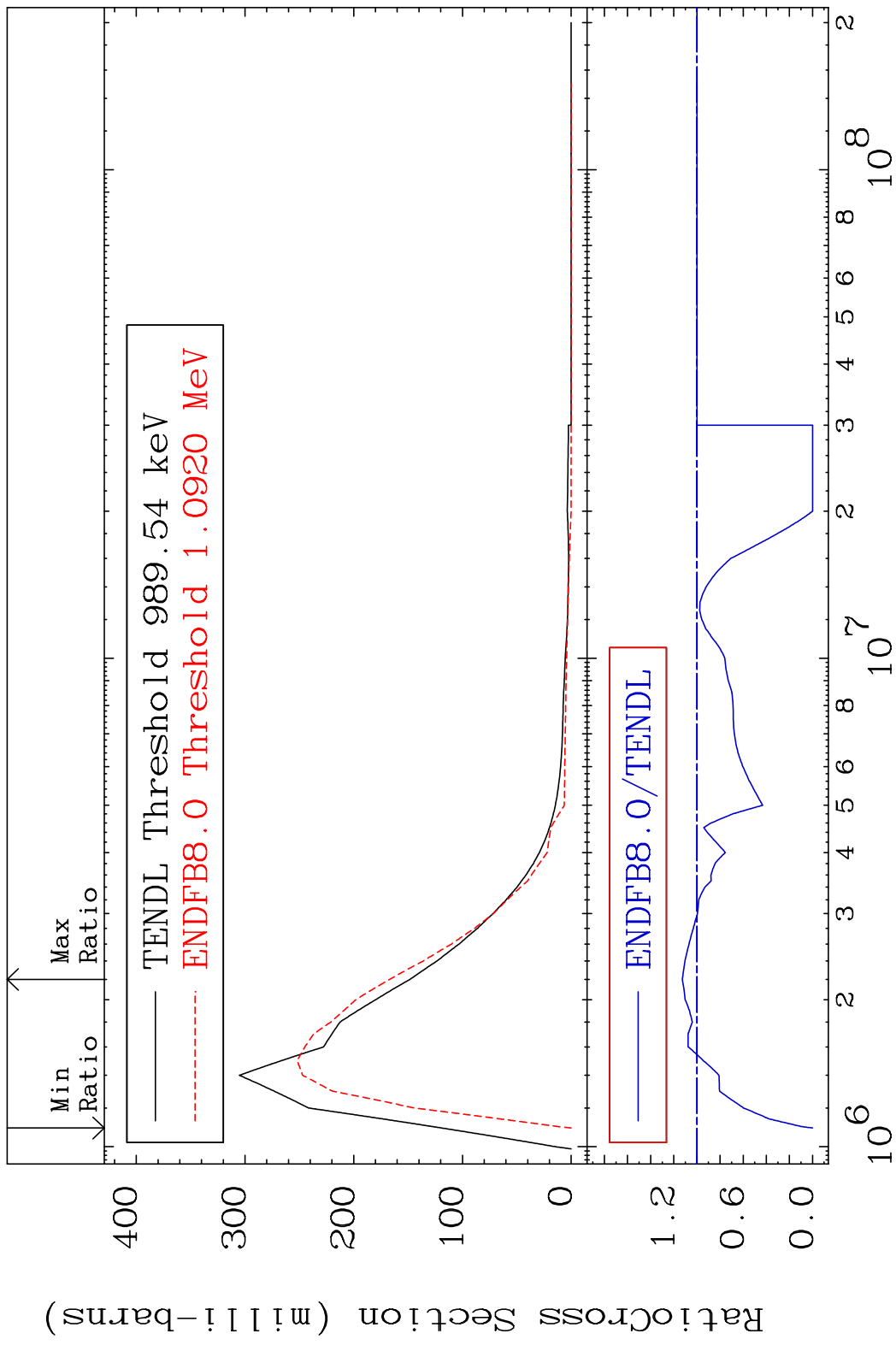
16 Incident Energy (eV) 41-Nb-93

MAT 4125 MT= 57 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 9999. %



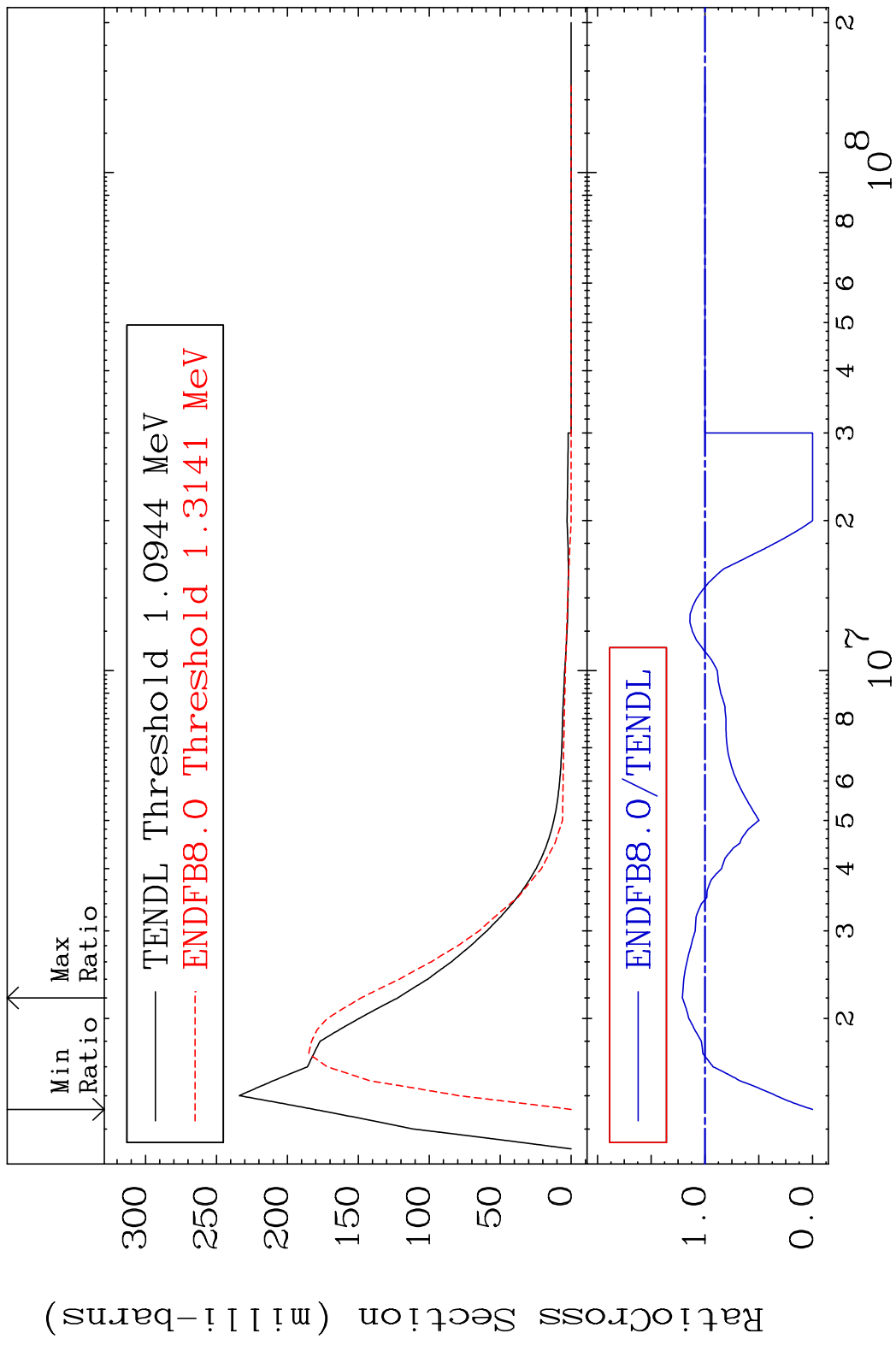
17 Incident Energy (eV) 41-Nb-93

MAT 4125 MT= 58 (n,n') Level 41-Nb-93  
 Cross Section -100.0 To 12.59 %

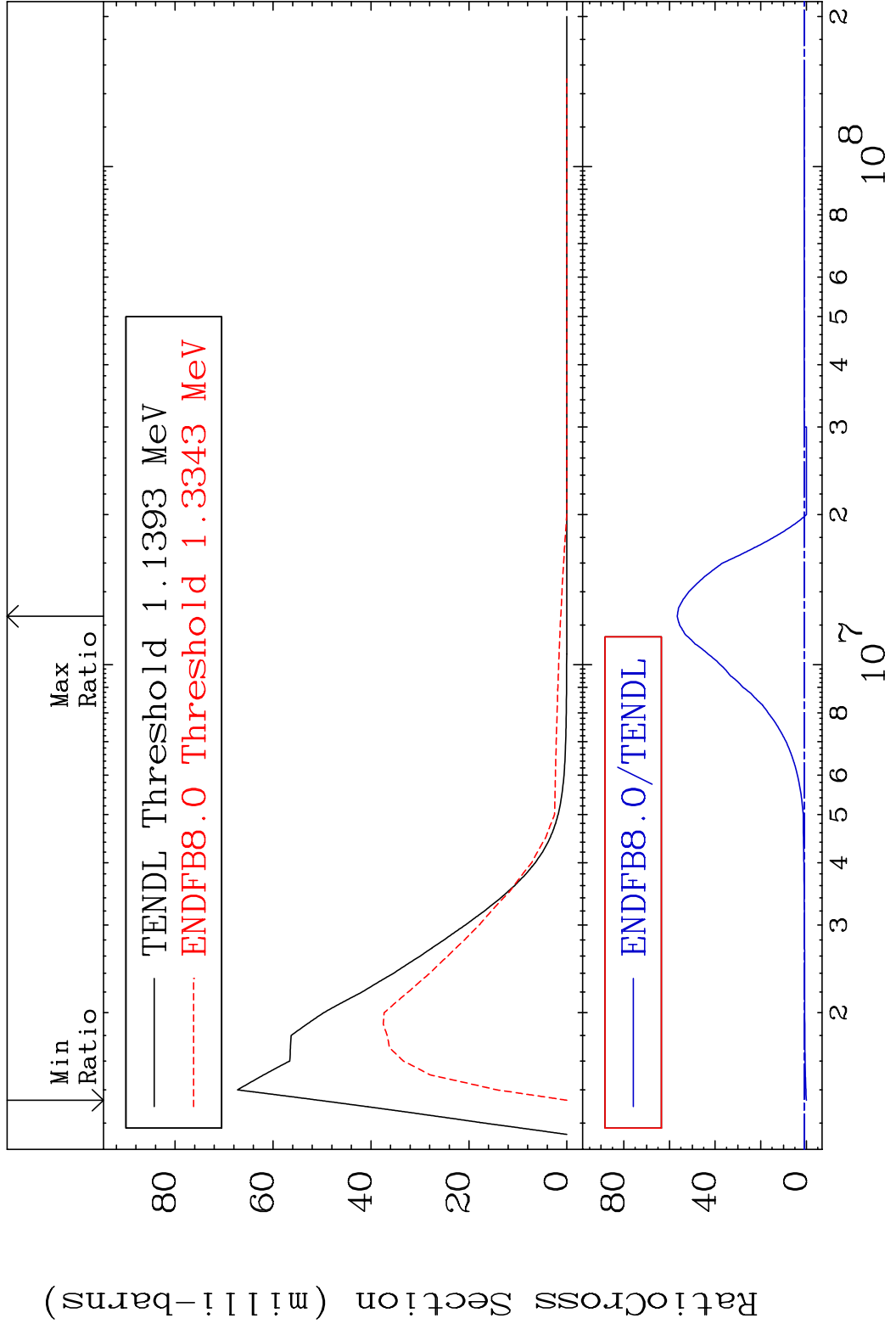


18 Incident Energy (eV) 41-Nb-93

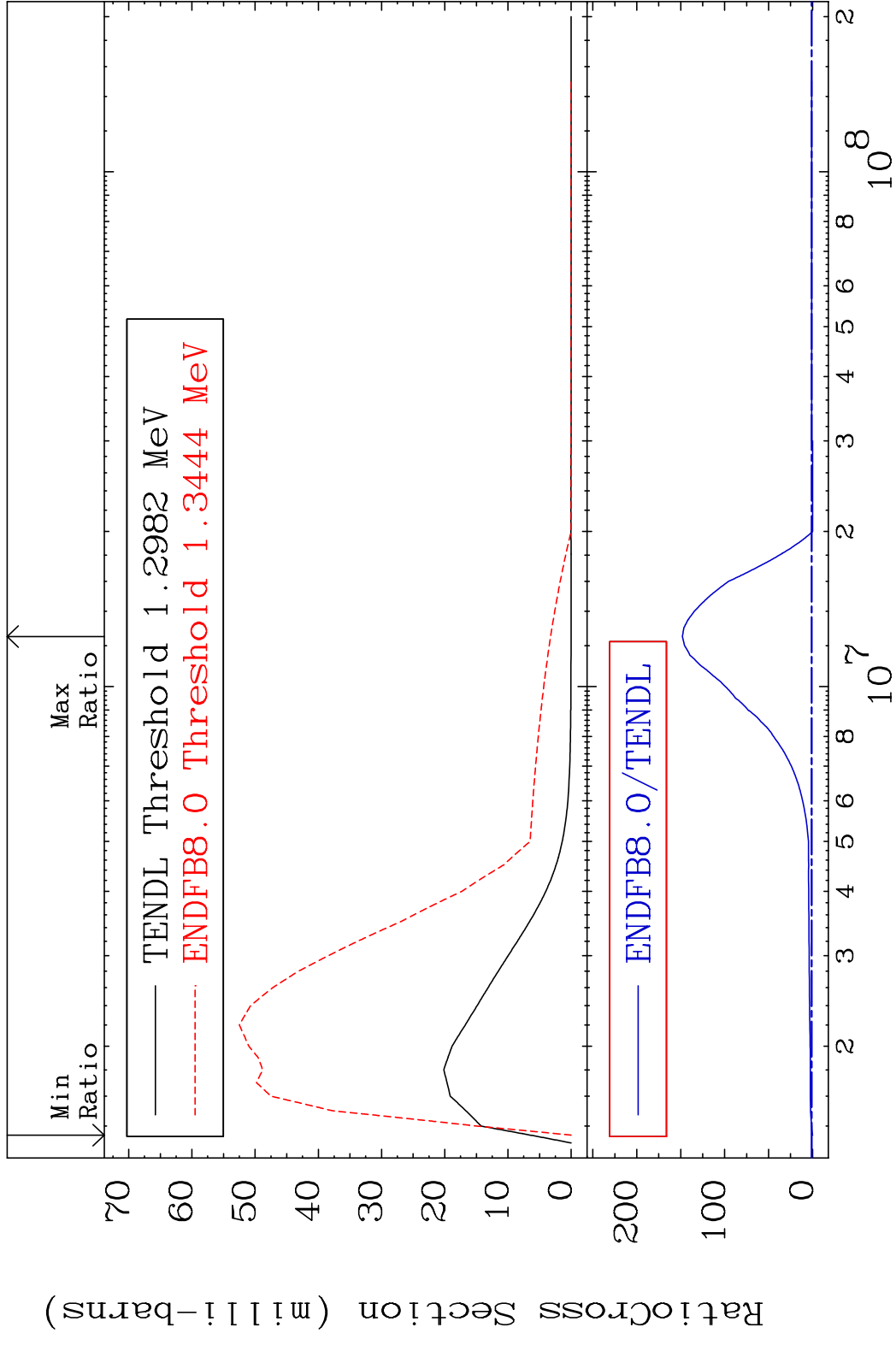
MAT 4125 MT= 59 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 21.06 %



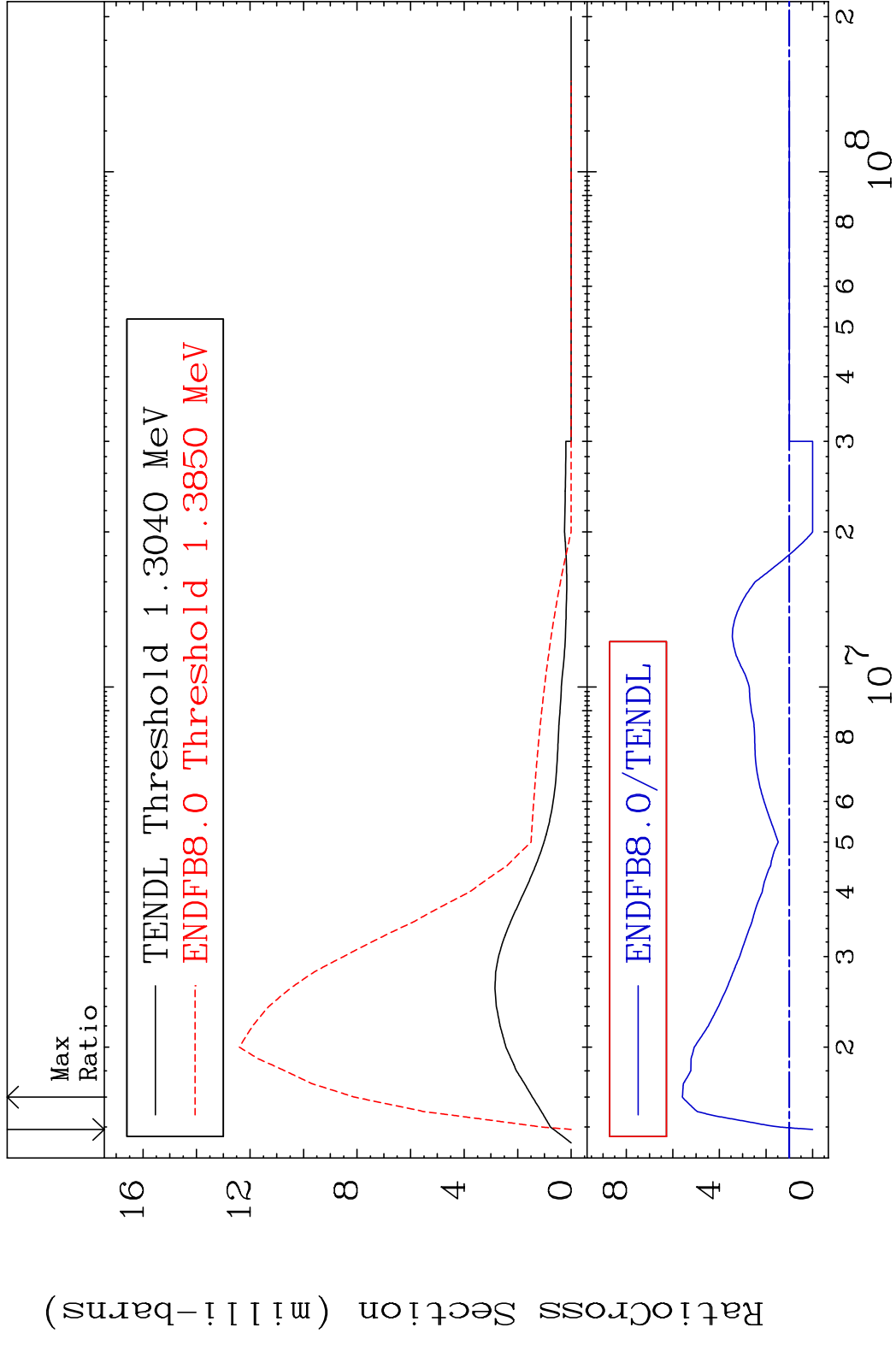
MAT 4125 MT= 60 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 5561. %



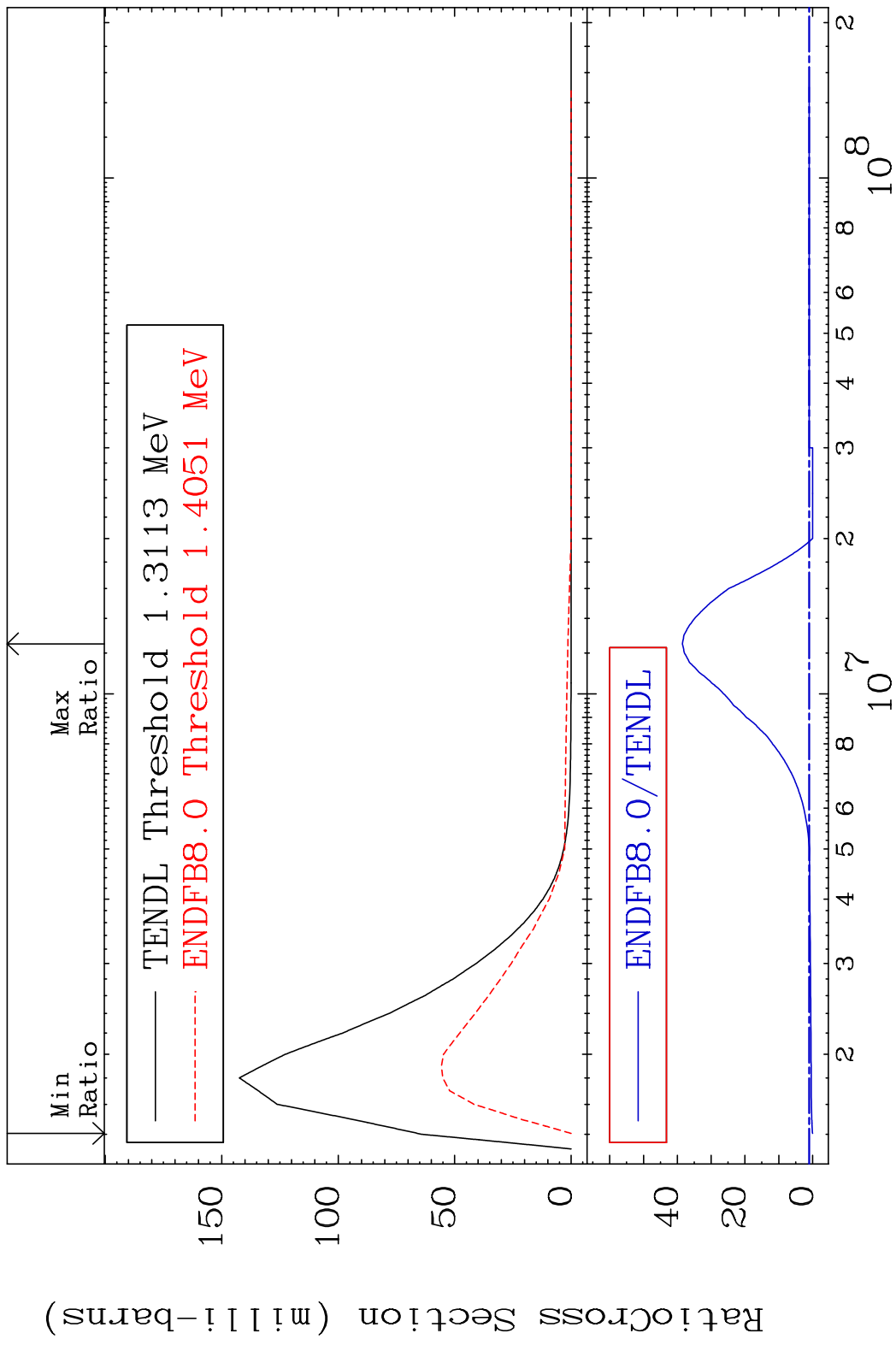
MAT 4125 MT= 61 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 9999. %



MAT 4125 MT= 62 (n,n') Level 41-Nb-93  
 Cross Section -100.0 To 459.1 %

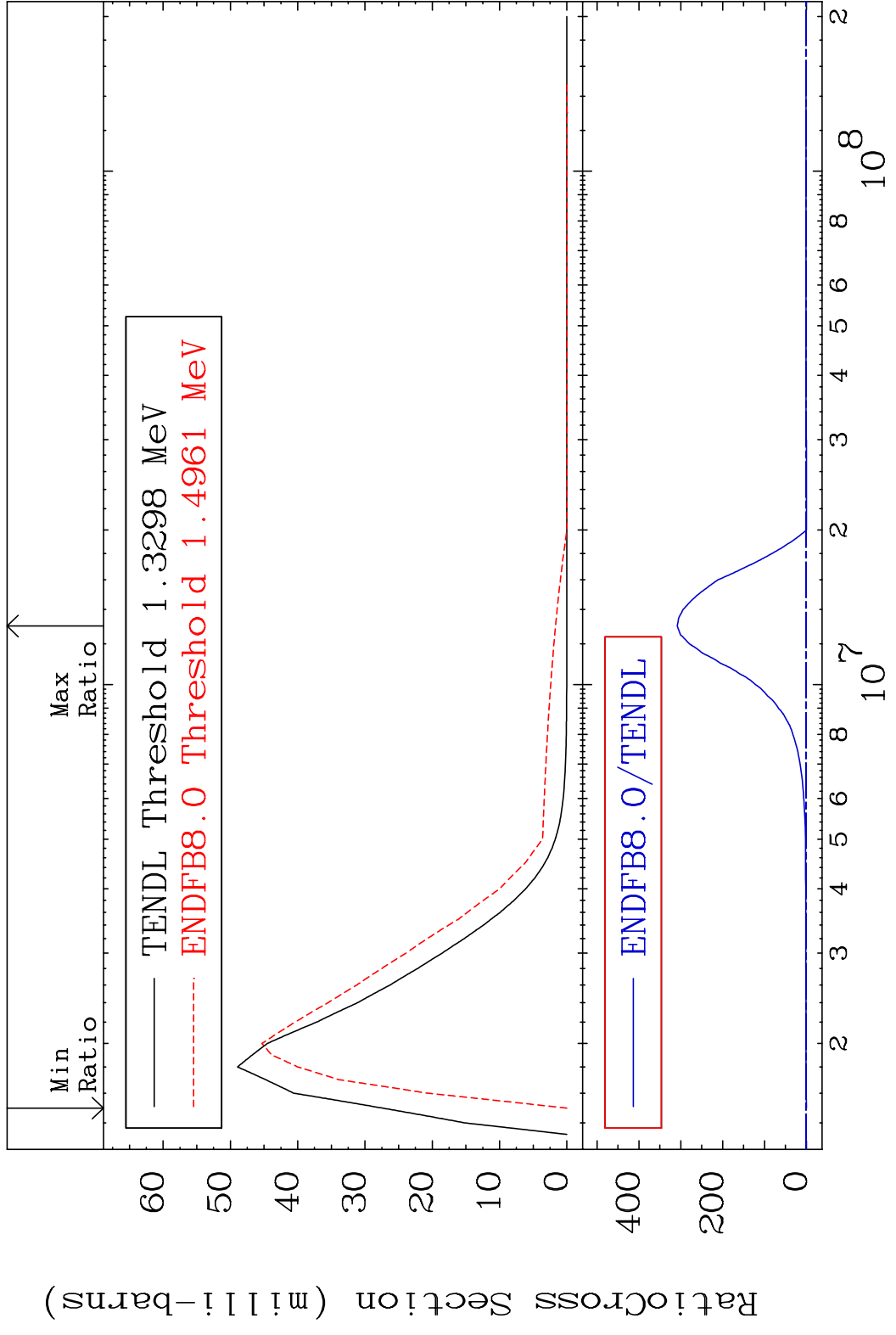


MAT 4125 MT= 63 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 3752. %

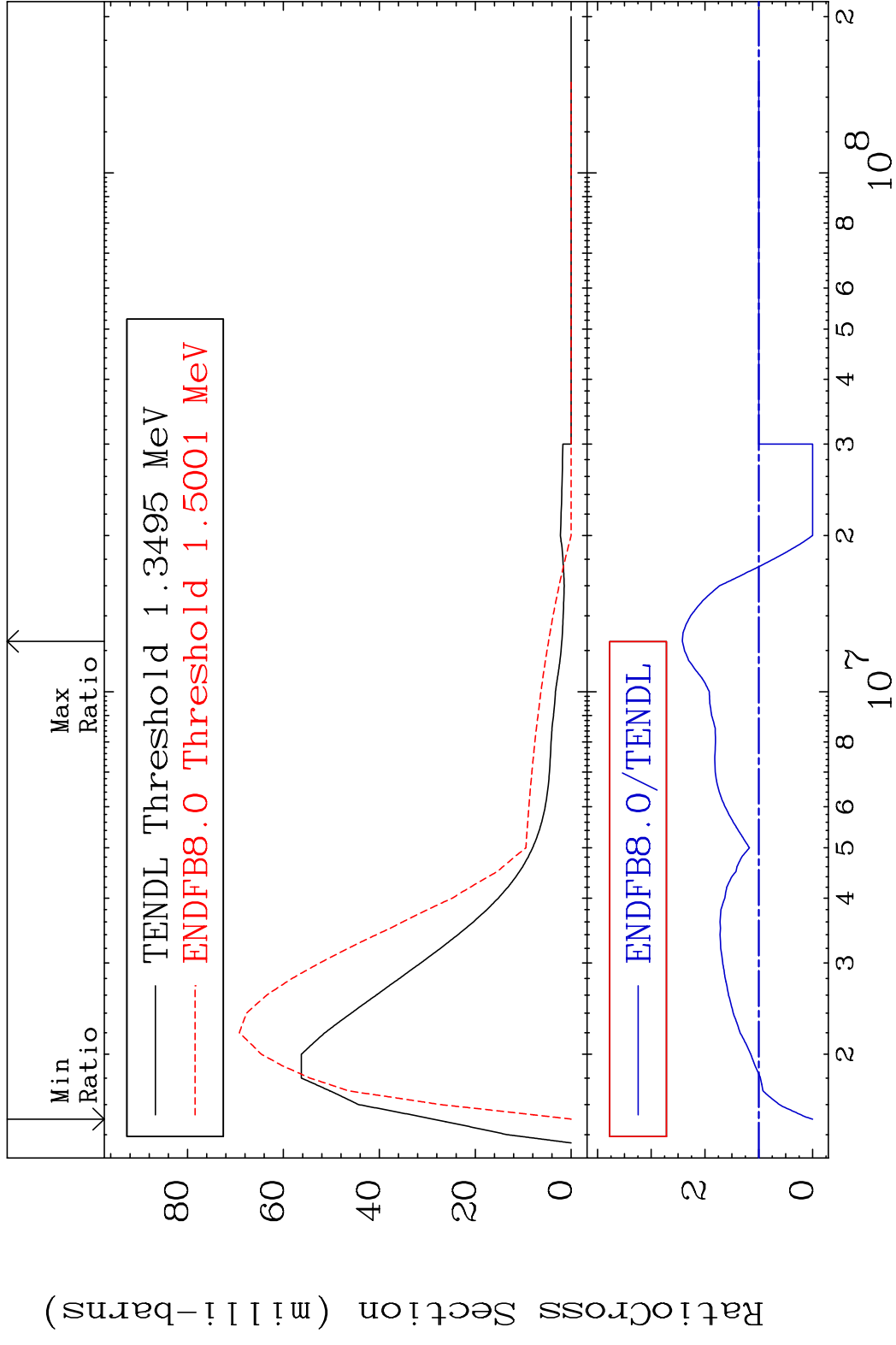




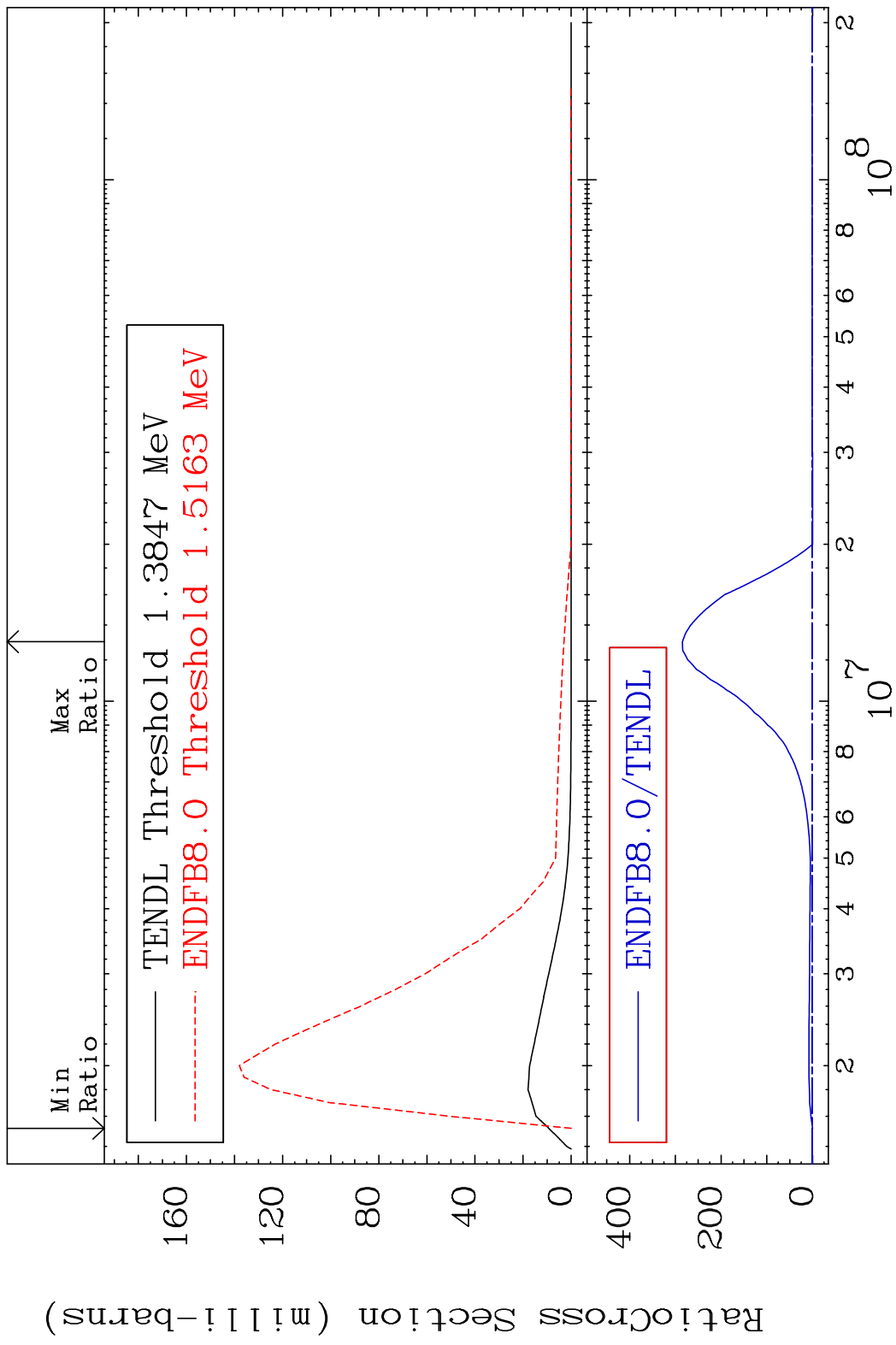
MAT 4125 MT= 64 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 9999. %



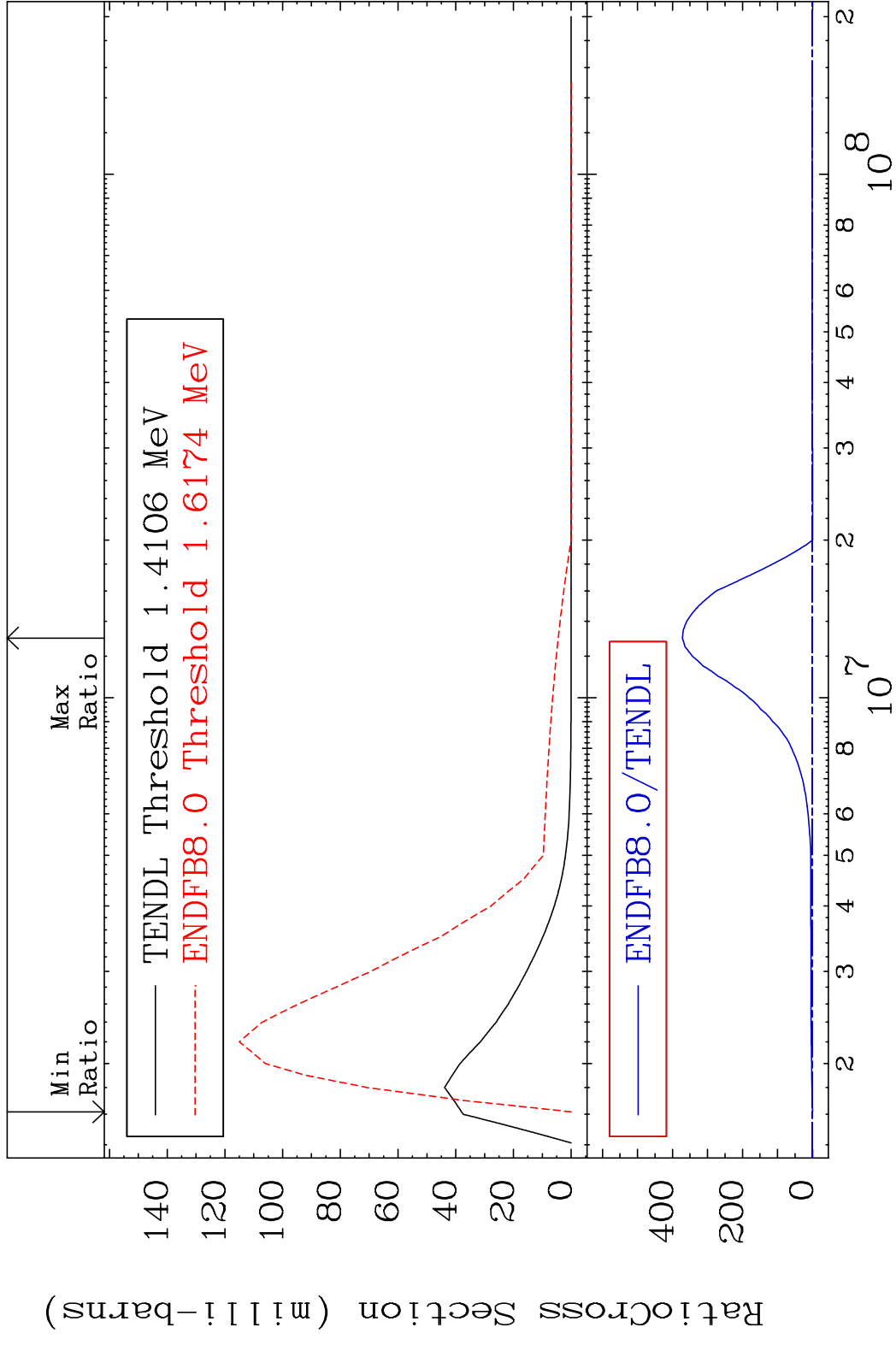
MAT 4125 MT= 65 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 142.2 %



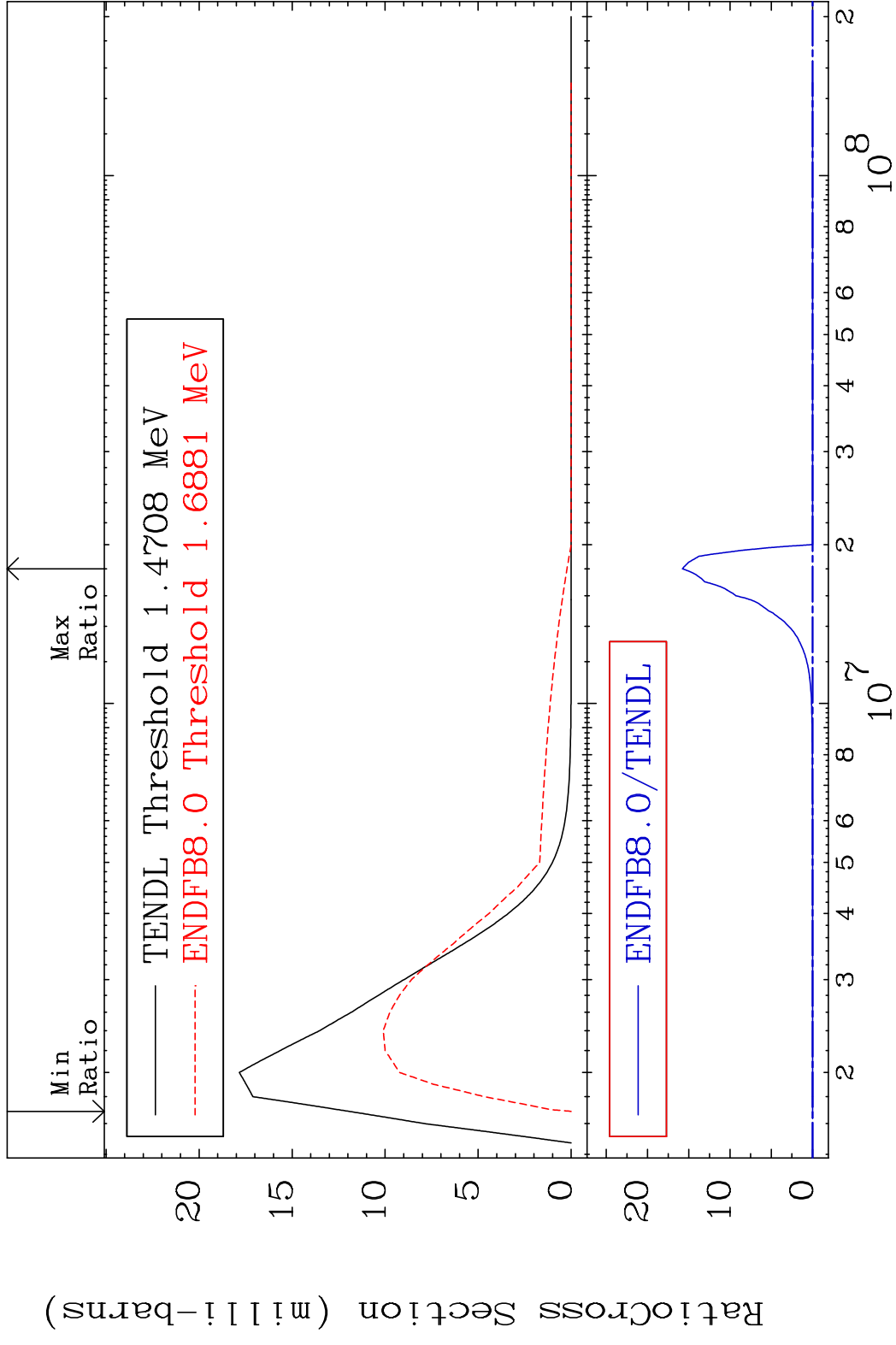
MAT 4125 MT= 66 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 9999. %



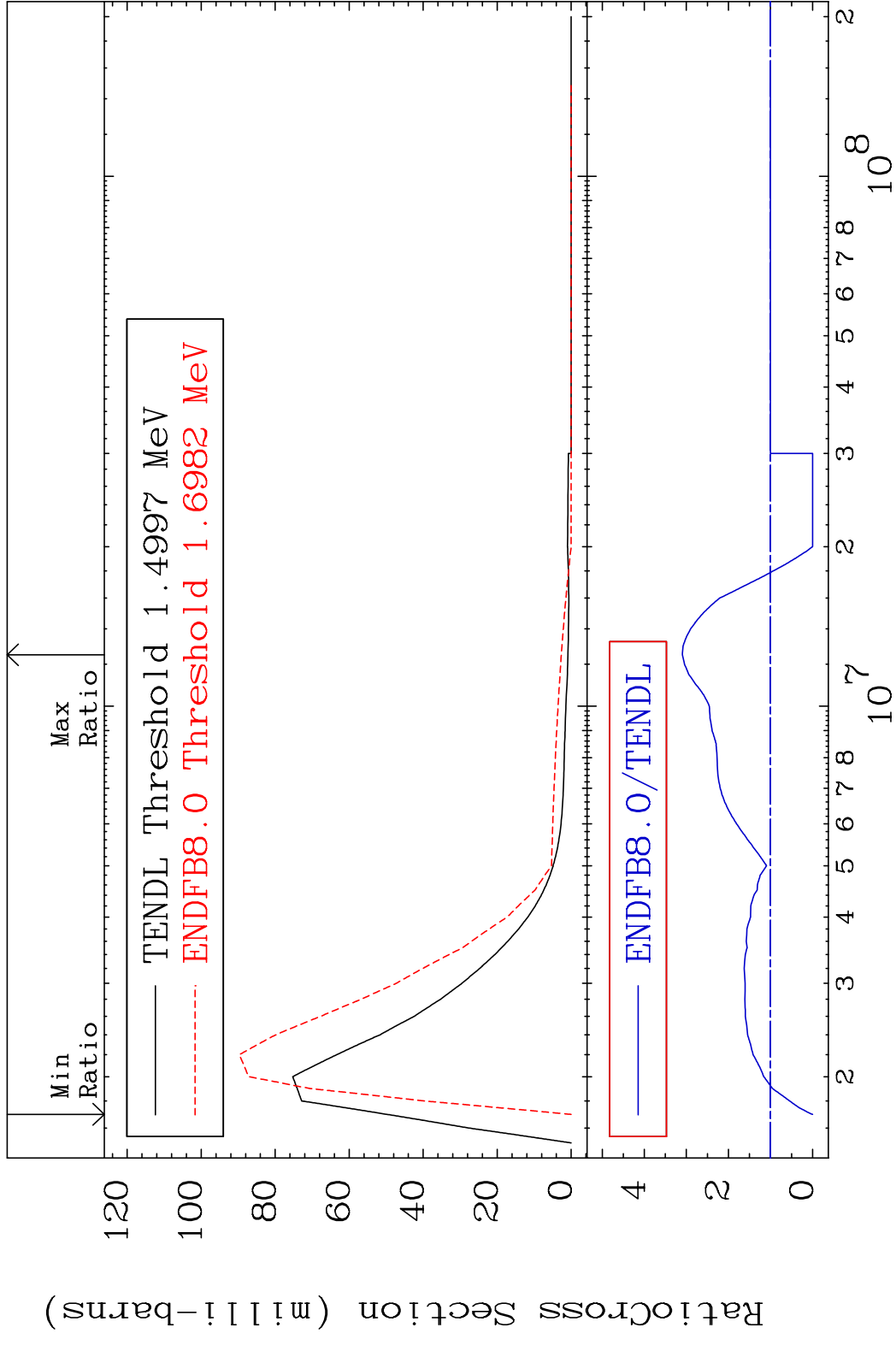
MAT 4125 MT= 67 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 9999. %



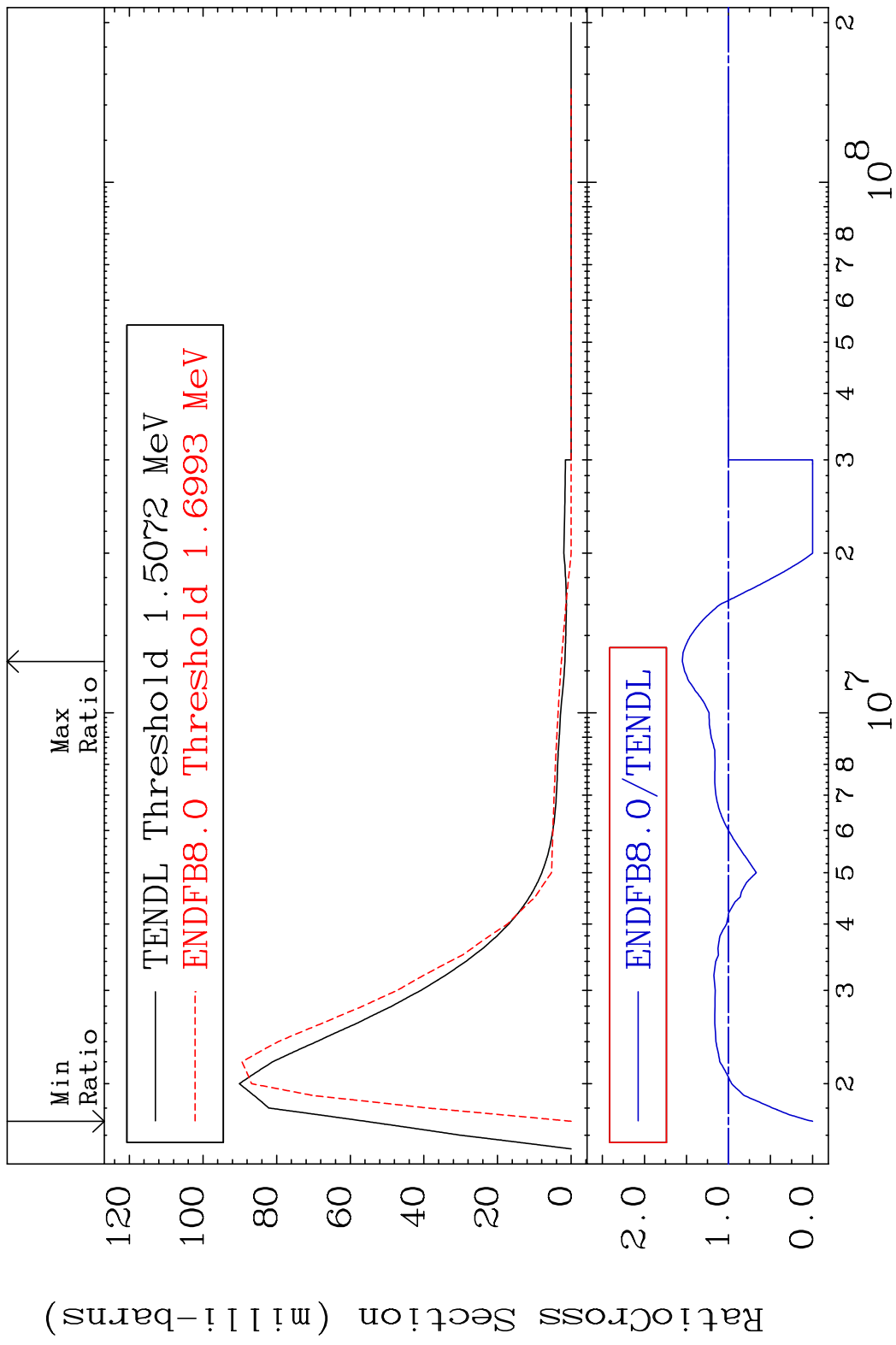
MAT 4125 MT= 68 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 9999. %



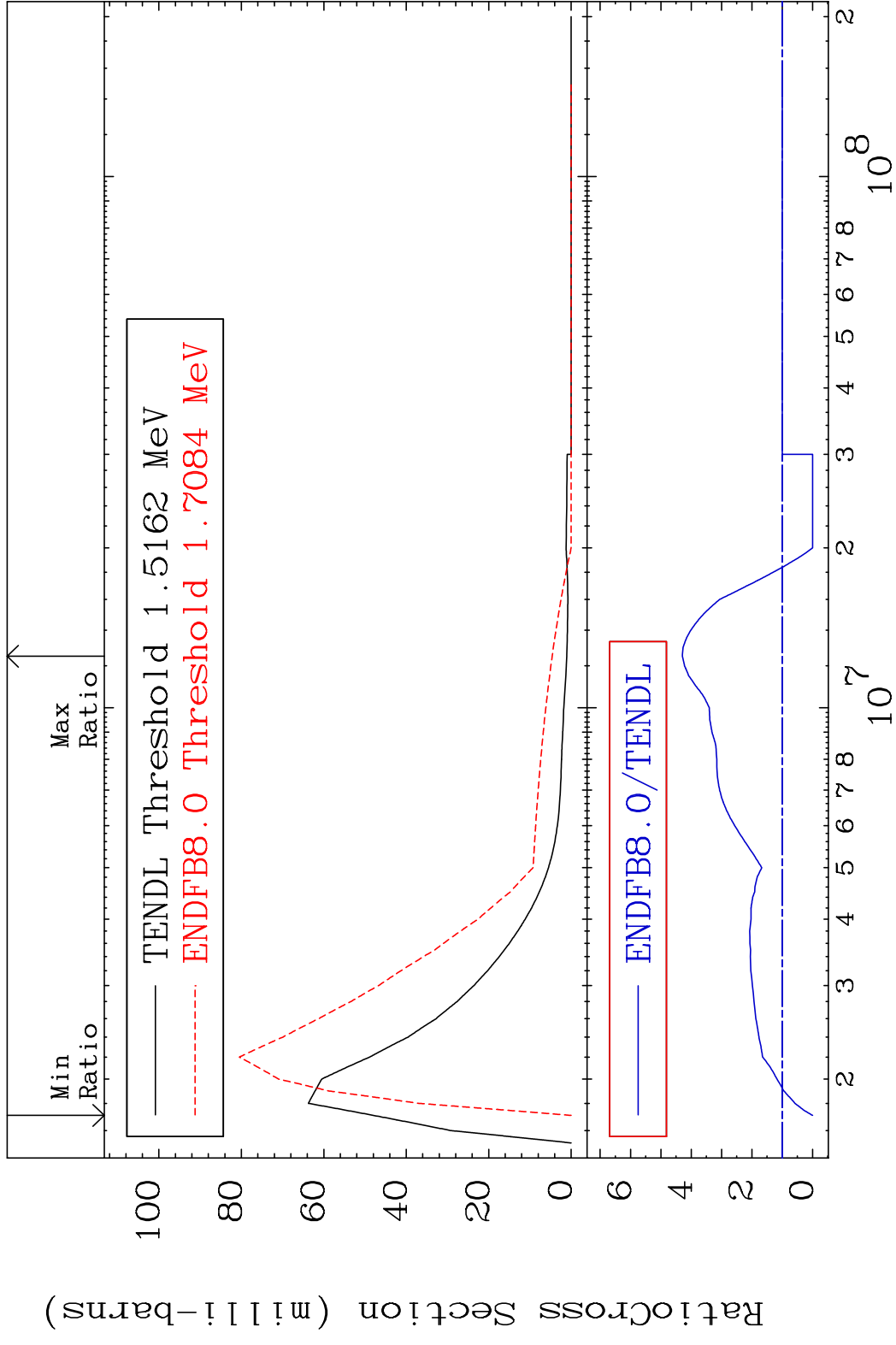
MAT 4125 MT= 69 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 209.6 %



MAT 4125 MT= 70 (n,n') Level 41-Nb-93  
 Cross Section -100.0 To 54.88 %

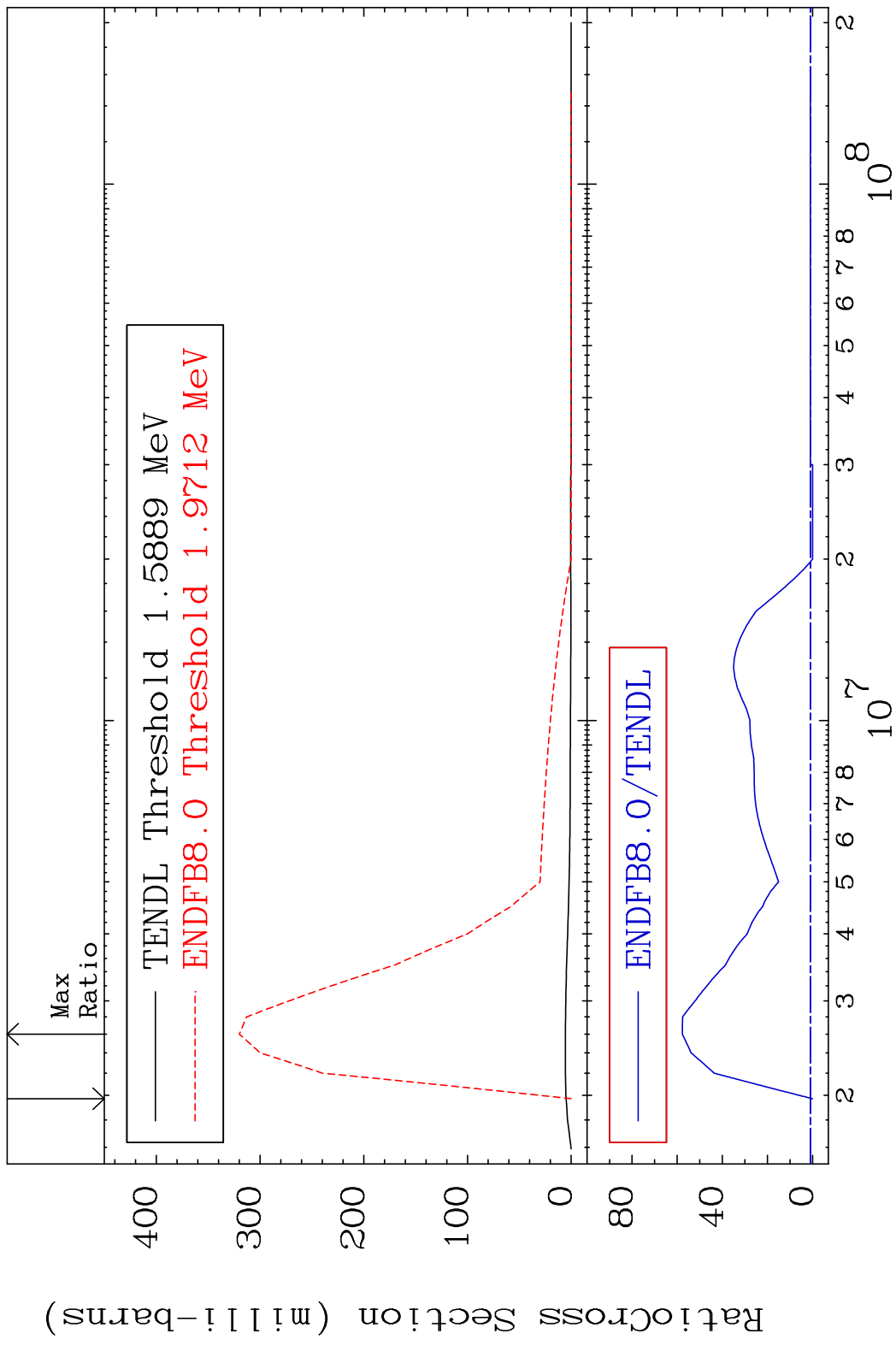


MAT 4125 MT= 71 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 329.1 %

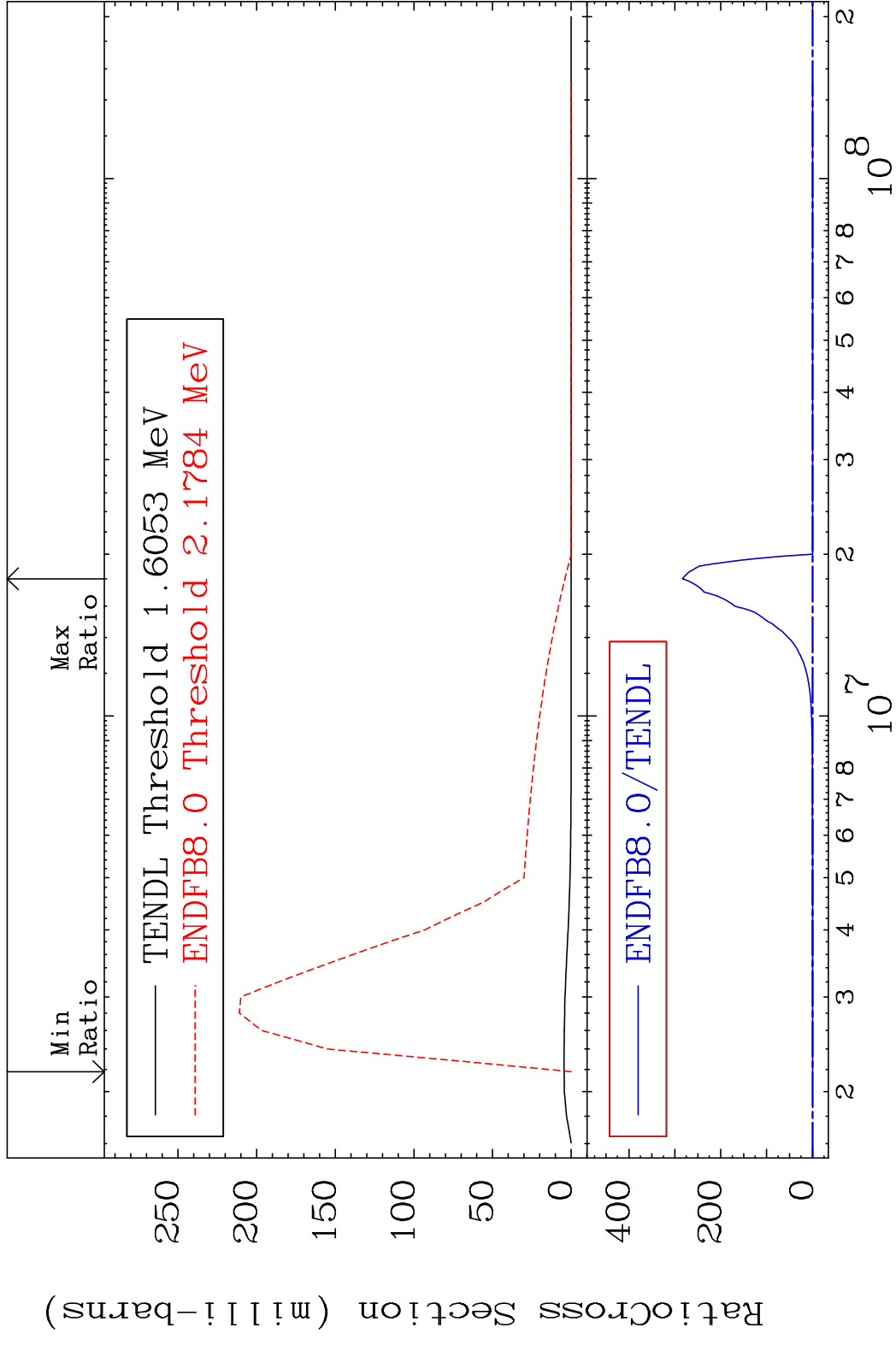




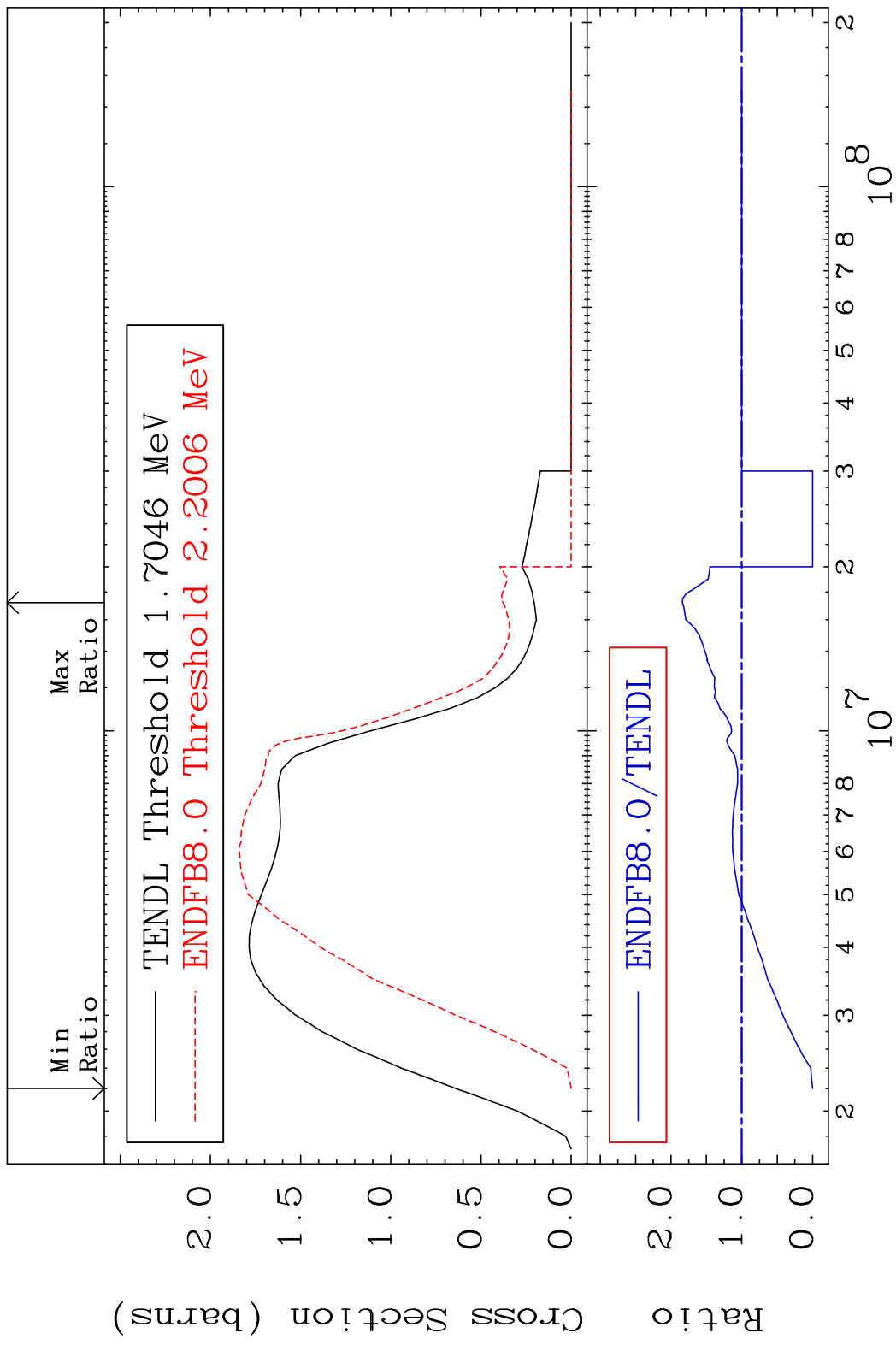
MAT 4125 MT= 72 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 5672. %



MAT 4125 MT= 73 (n, n') Level 41-Nb-93  
 Cross Section -100.0 To 9999. %



MAT 4125 (n, n') Continuum 41-Nb-93  
 Cross Section -100.0 To 83.95 %

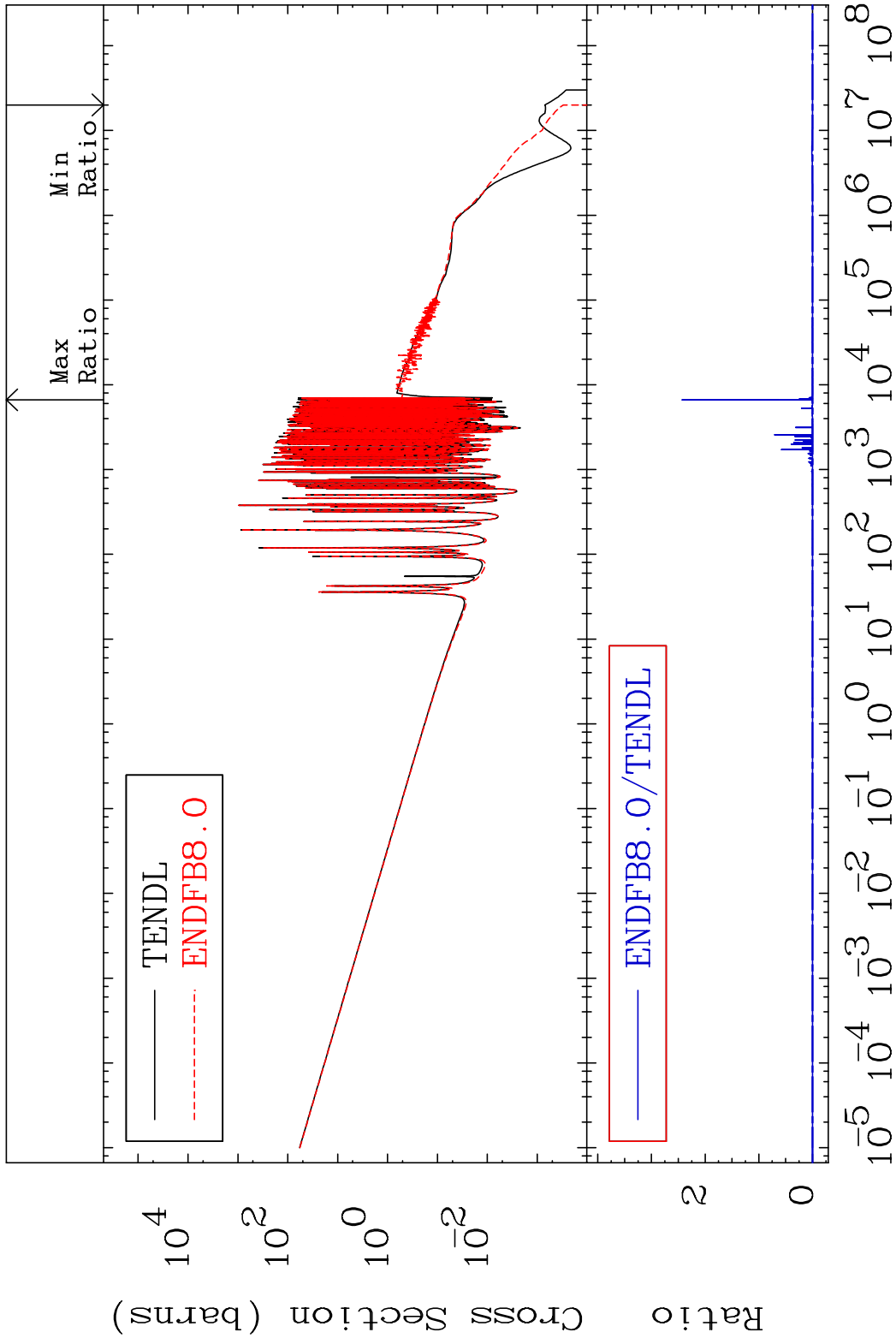


MAT 4125

(n,  $\gamma$ )

41-Nb-93

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

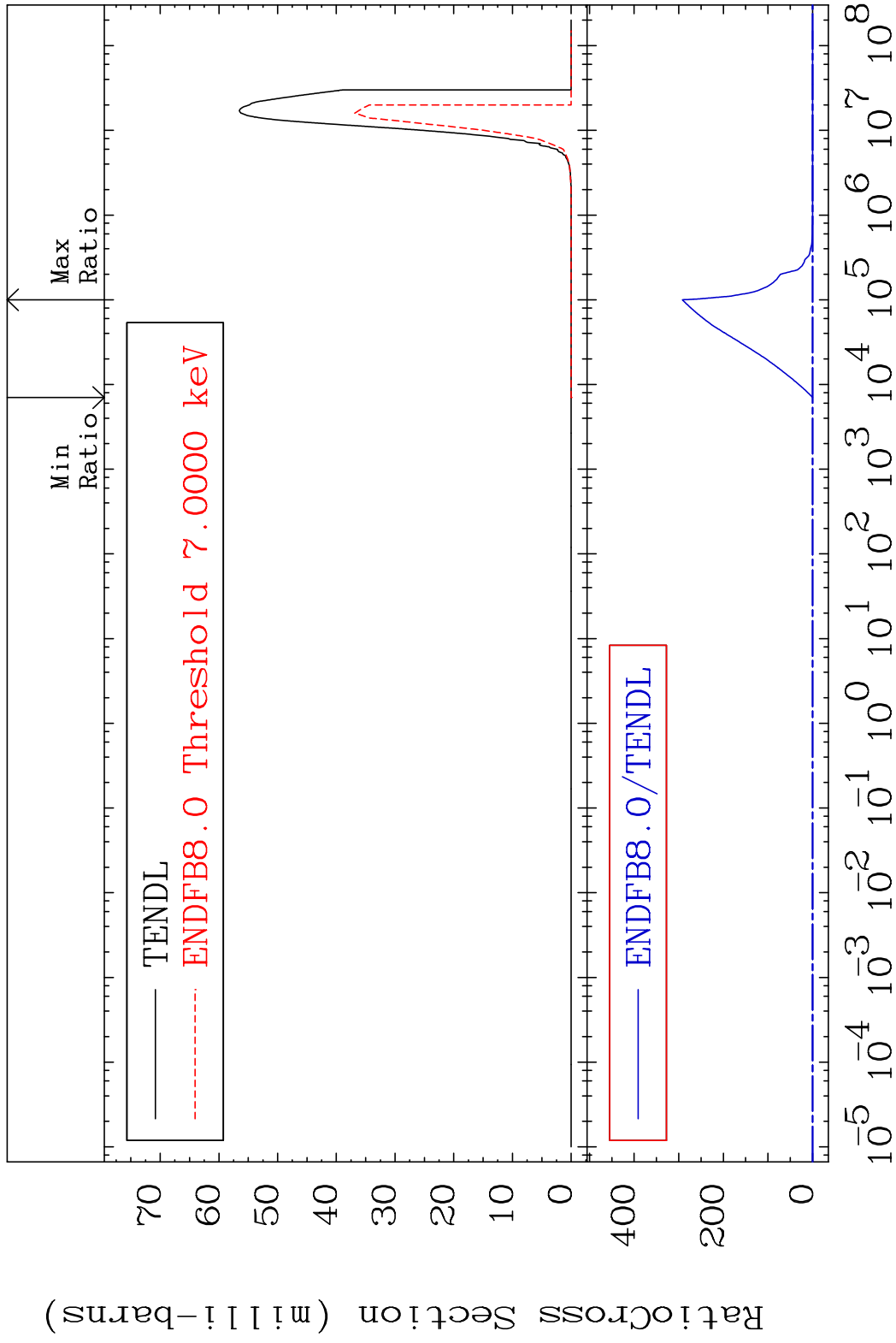
41-Nb-93

MAT 4125

(n, p)

41-Nb-93

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

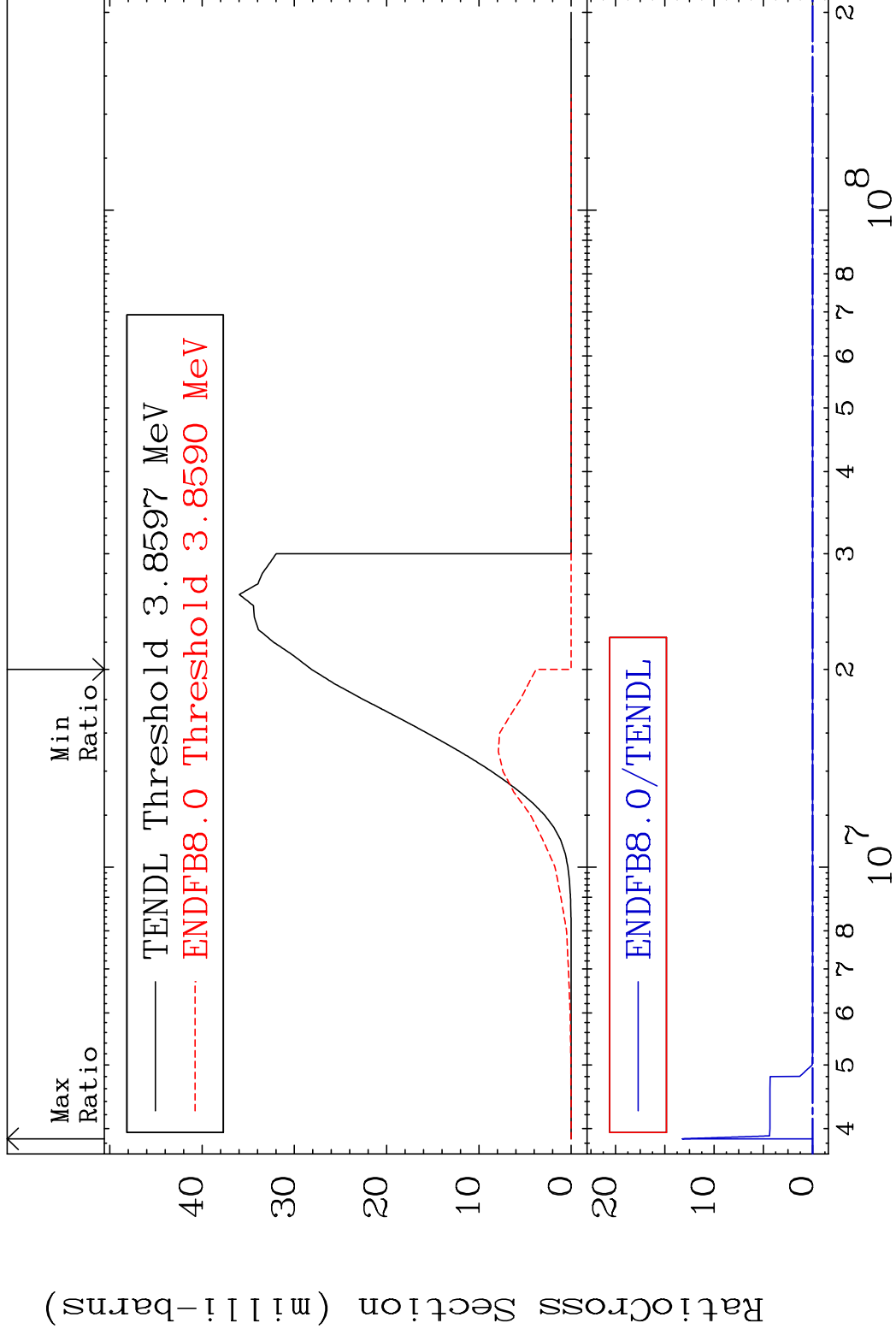
41-Nb-93

MAT 4125

(n, d)

41-Nb-93

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

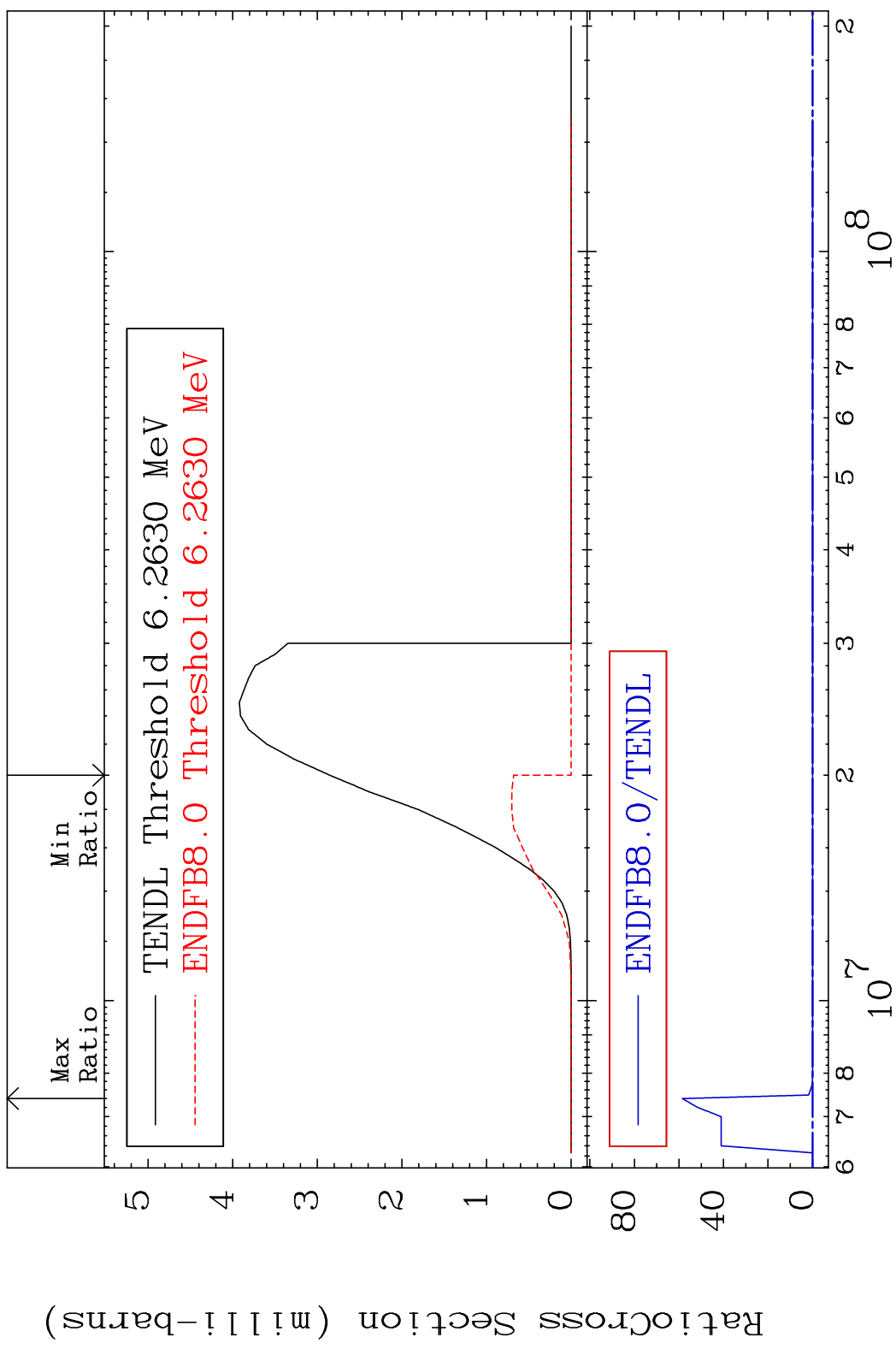
41-Nb-93

MAT 4125

(n, t)

41-Nb-93

Cross Section -100.0 To 9999. %

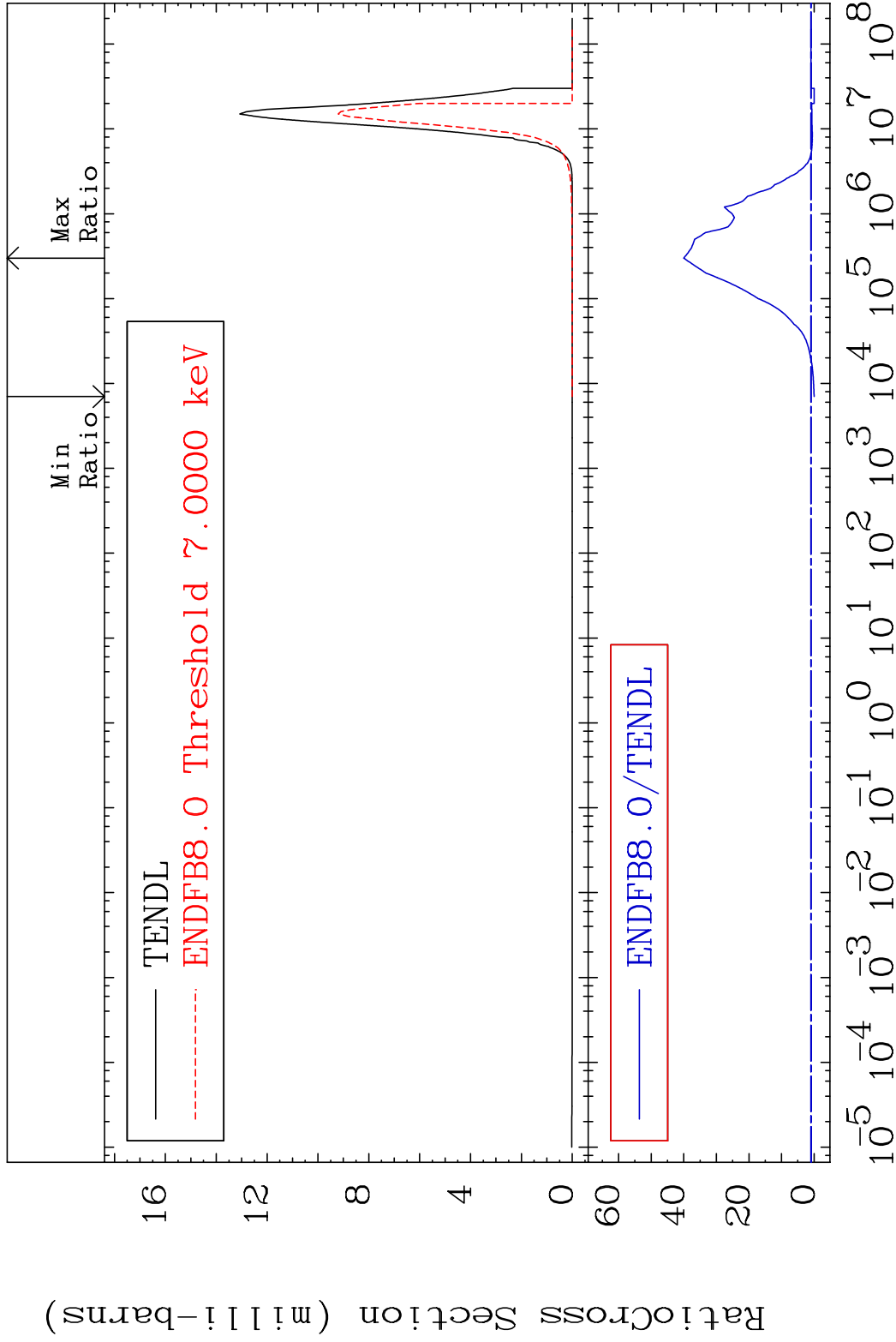


MAT 4125

(n,  $\alpha$ )

41-Nb-93

Cross Section -100.0 To 3903. %



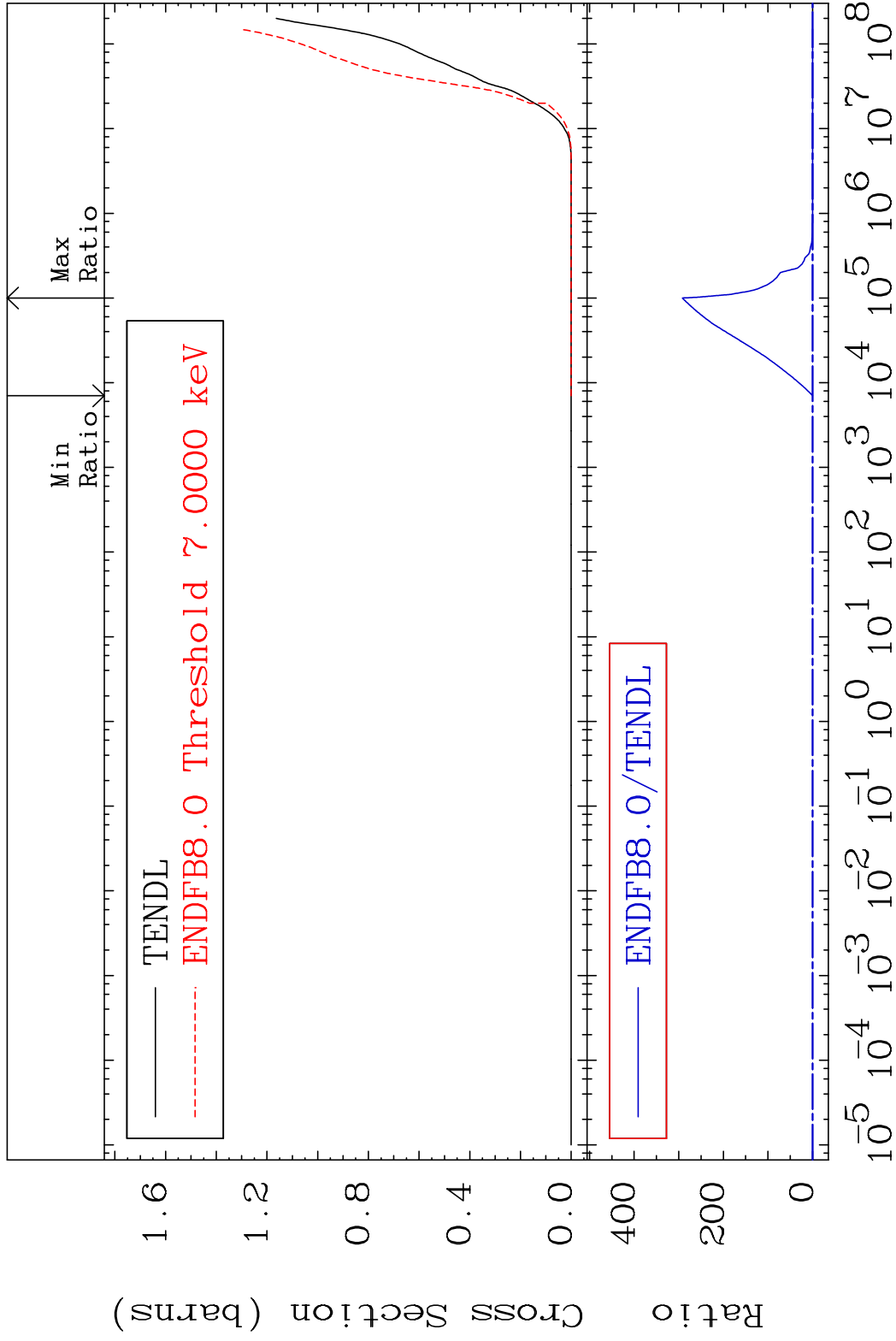


MAT 4125

Hydrogen Production

41-Nb-93

Cross Section -100.0 To 9999. %



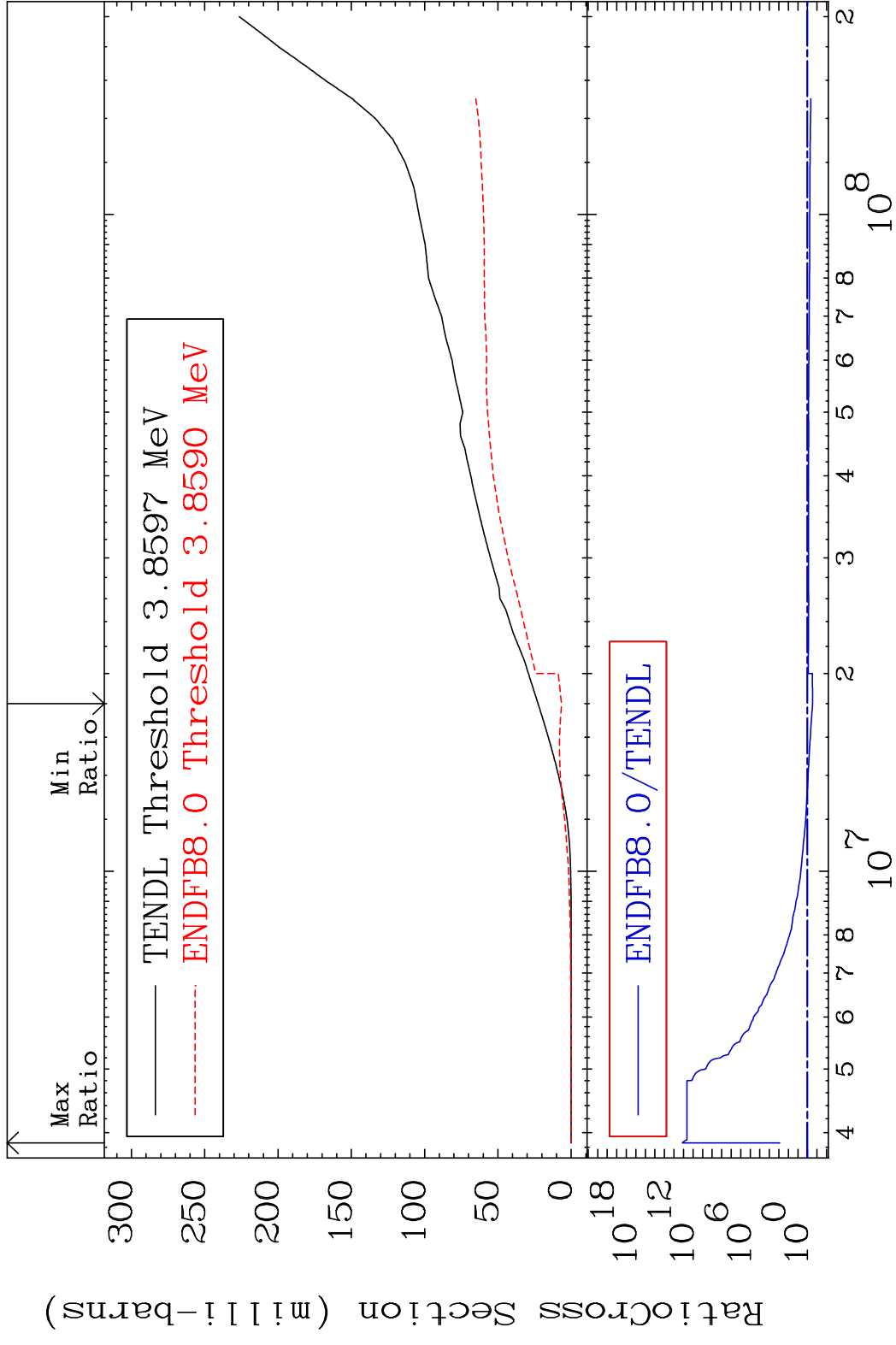
40

Incident Energy (eV)

41-Nb-93

MAT 4125

Deuterium Production 41-Nb-93  
Cross Section -70.84 To 9999. %



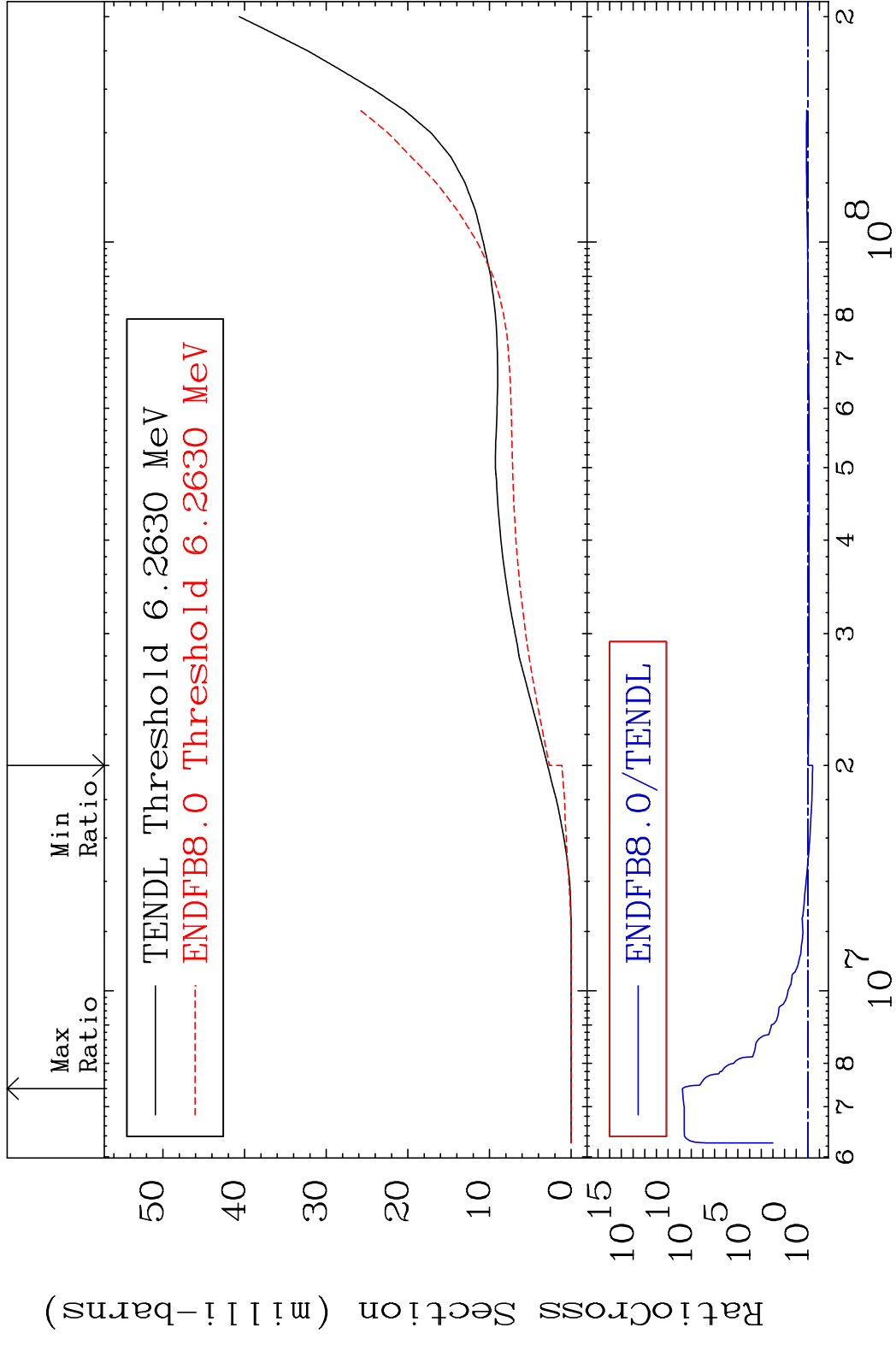
41

Incident Energy (eV) 41-Nb-93

MAT 4125

Tritium Production 41-Nb-93

Cross Section -60.62 To 9999. %



42

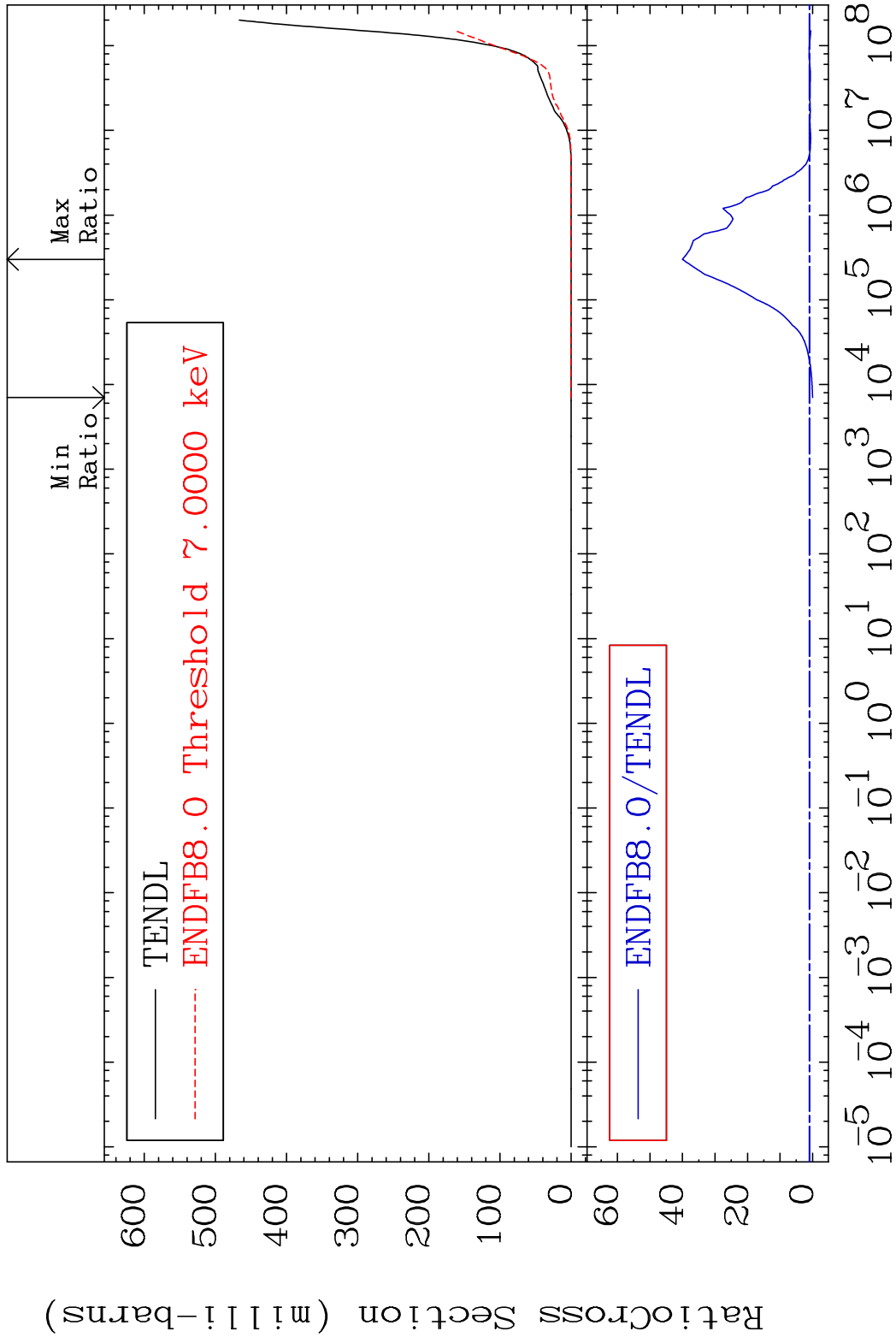
Incident Energy (eV) 41-Nb-93

MAT 4125

He-4 Production

41-Nb-93

Cross Section -100.0 To 3903. %

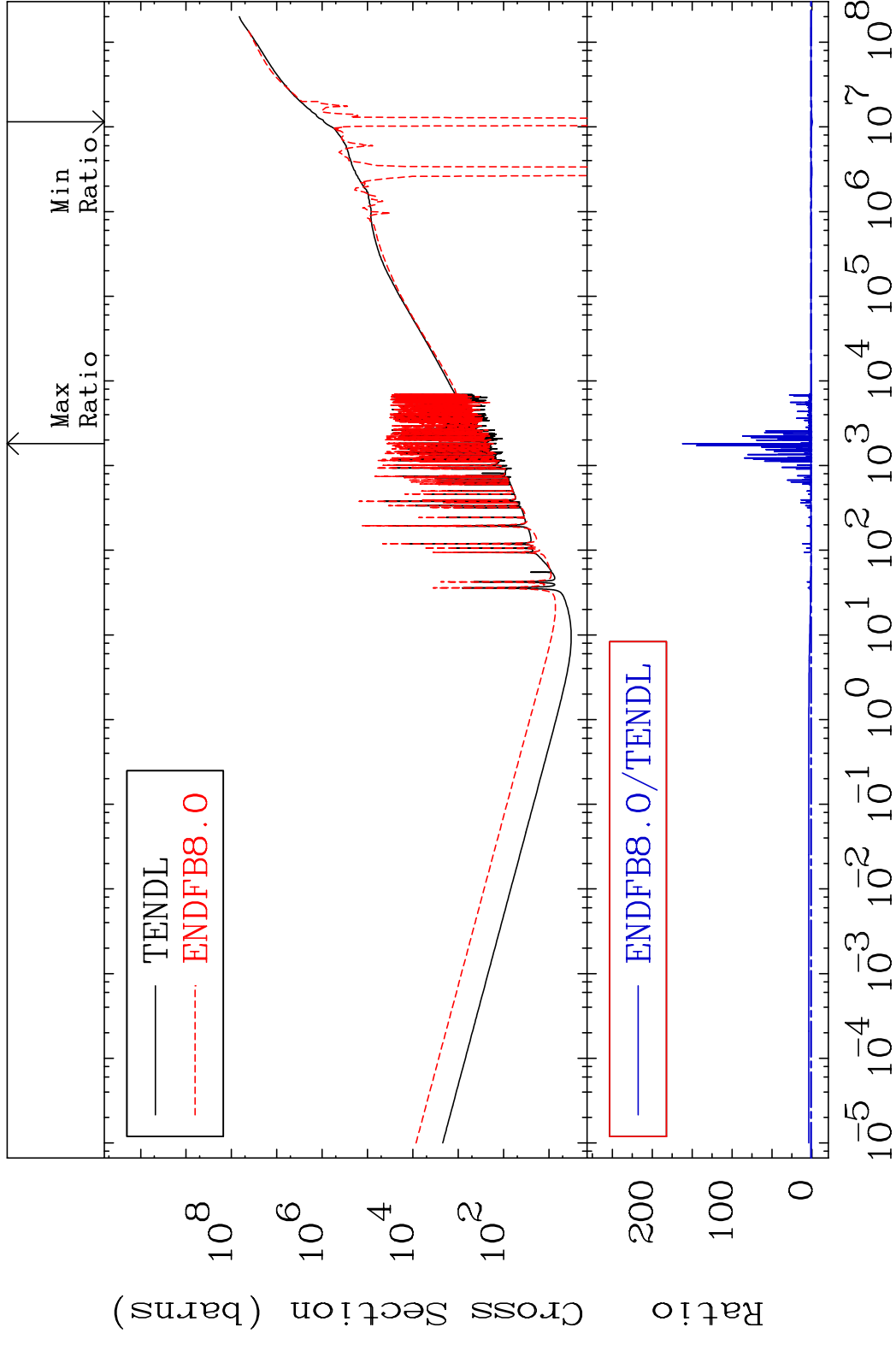


43

Incident Energy (eV)

41-Nb-93

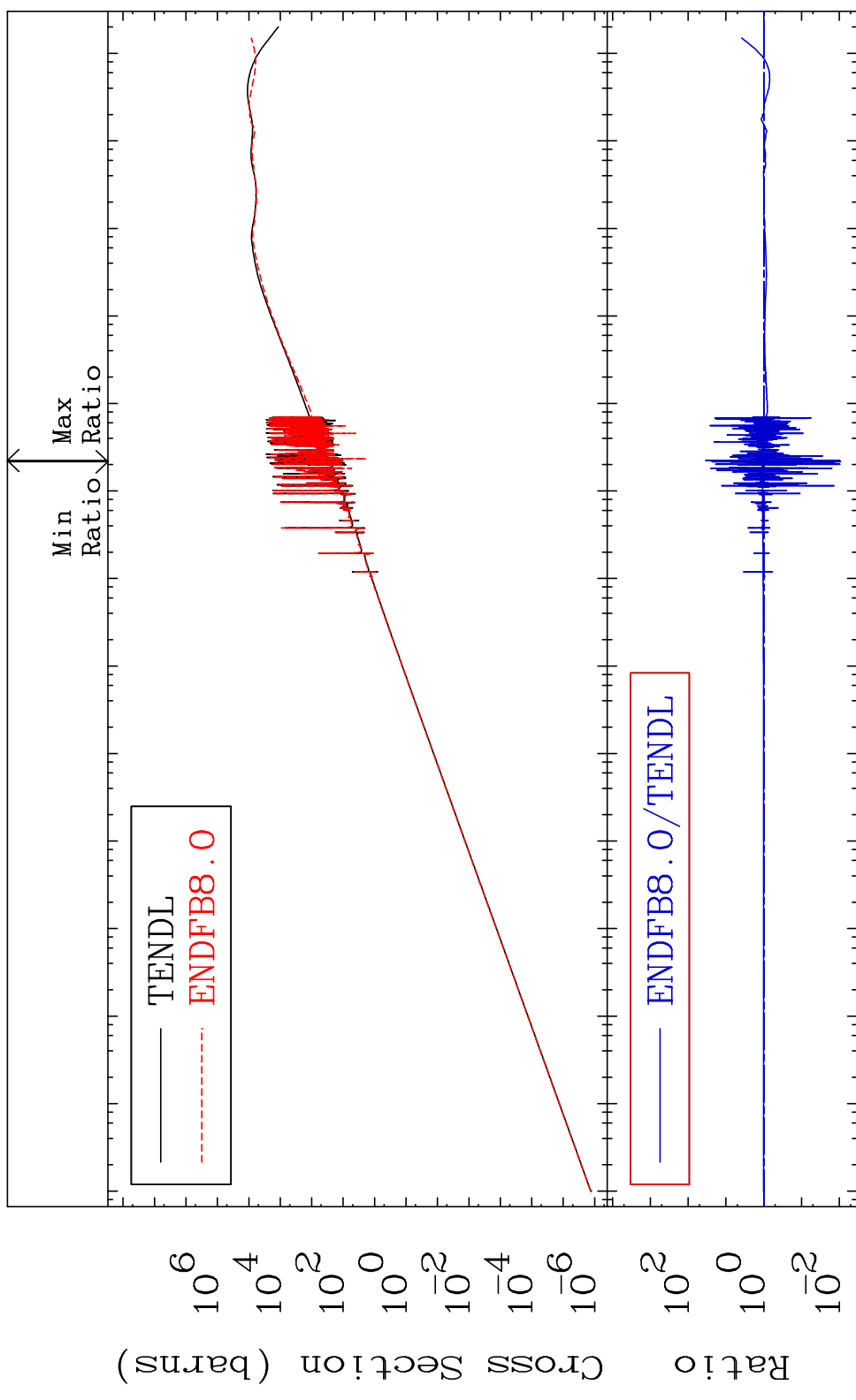
MAT 4125 Kerma total (eV-barns) 41-Nb-93  
 Cross Section -188.7 To 9999. %



44 Incident Energy (eV) 41-Nb-93

MAT 4125

Kerma elastic Cross Section -99.07 To 3320. %  
41-Nb-93

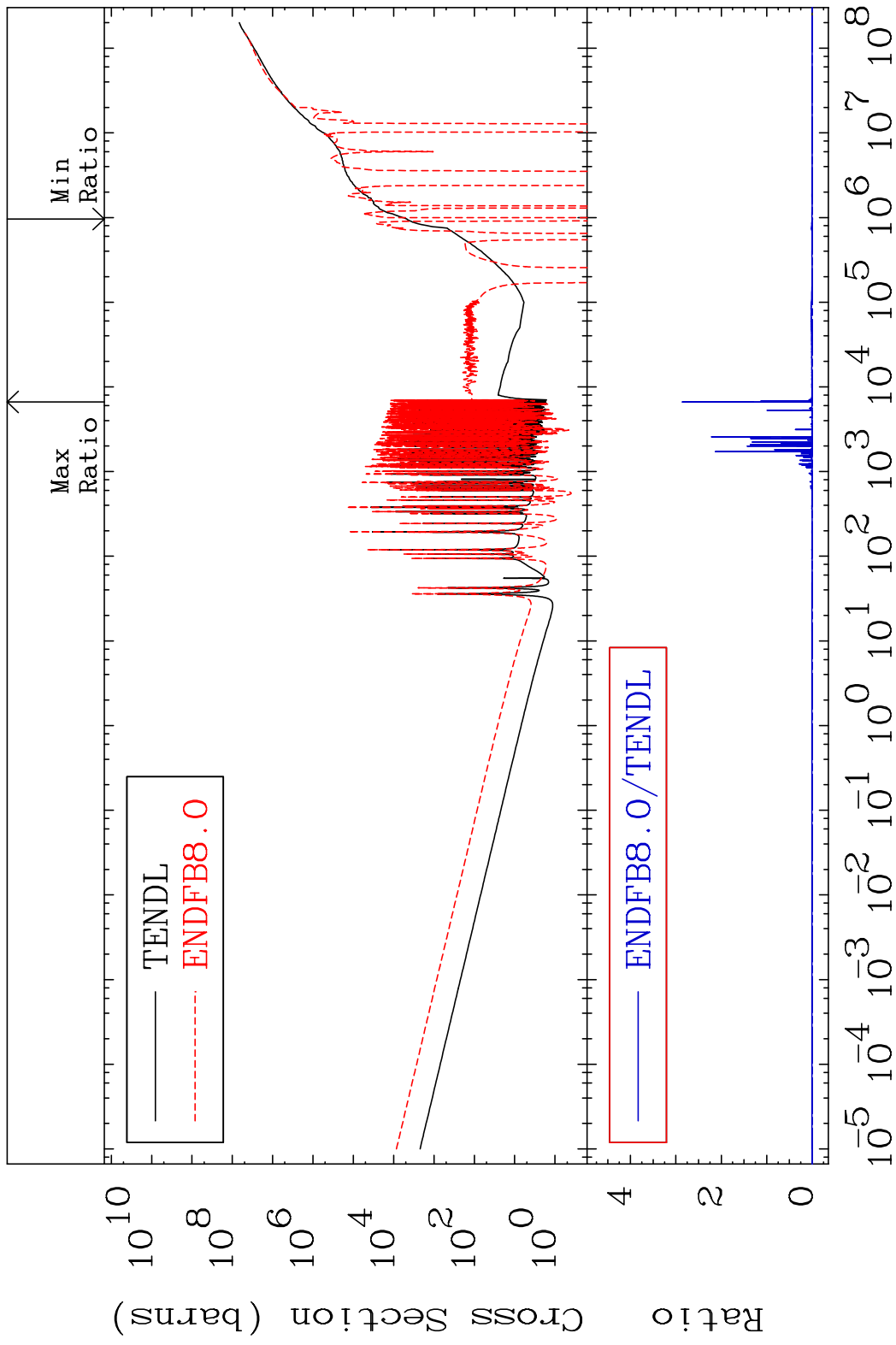


45

Incident Energy (eV)

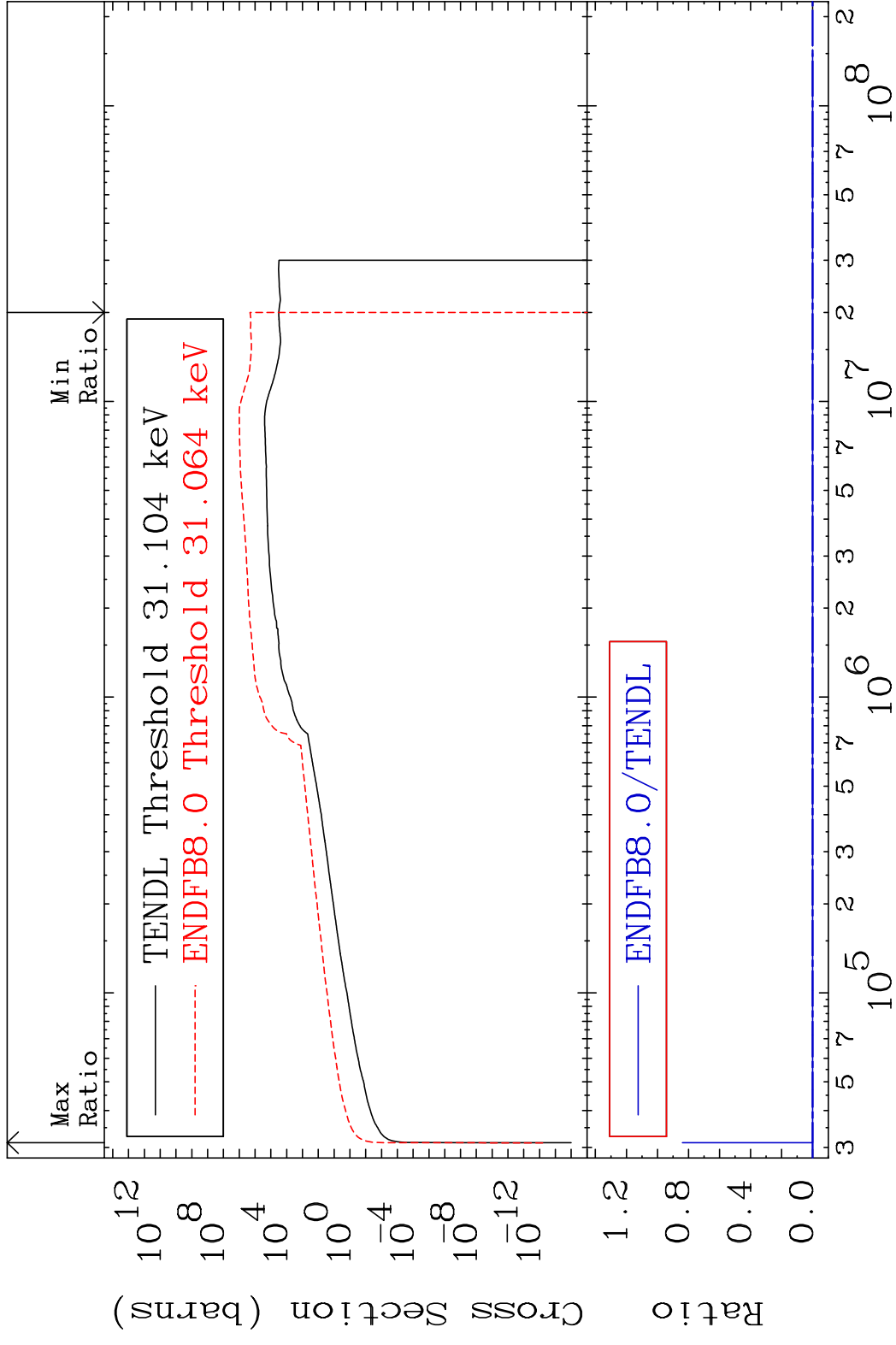
41-Nb-93

MAT 4125 Kerma non-elastic (all but mt2) 41-Nb-93  
 Cross Section -1056. To 9999. %



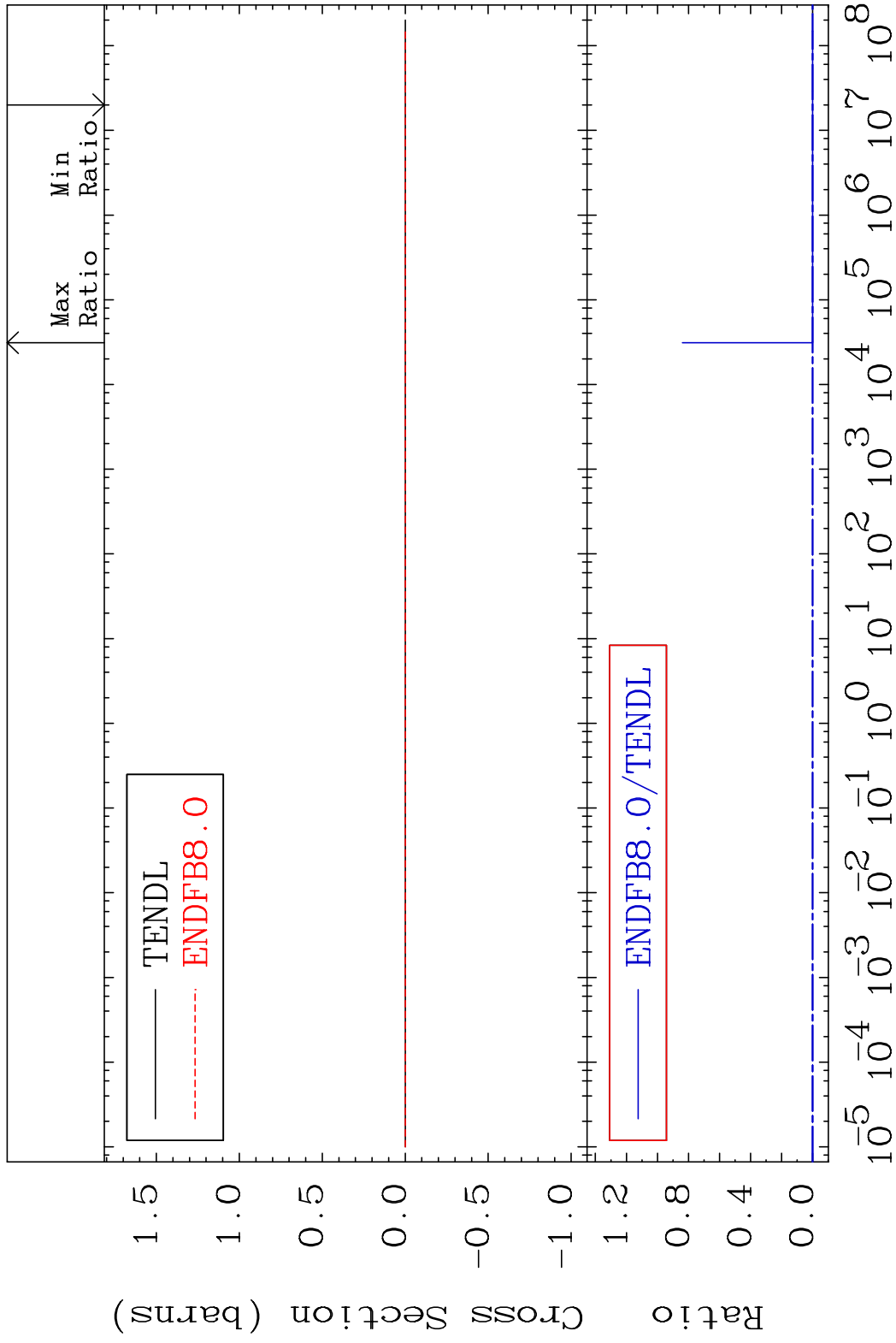
46 Incident Energy (eV) 41-Nb-93

MAT 4125 Kerma inelastic (mt51-91) 41-Nb-93  
 Cross Section -100.0 To 9999. %





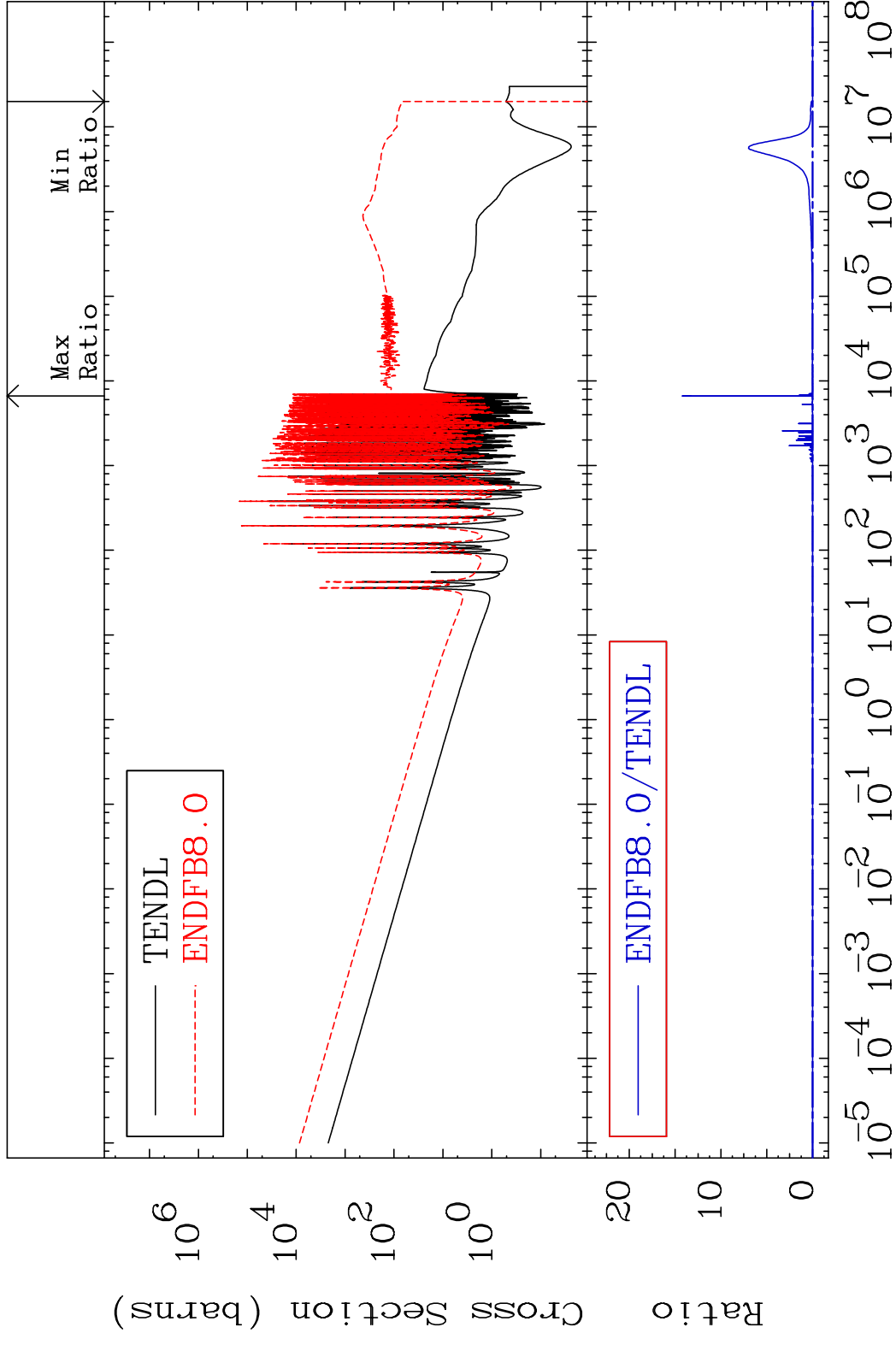
MAT 4125 Kerma fission (mt18 or mt19-20-21-38) 41-Nb-93  
 Cross Section -100.0 To 9999. %



MAT 4125

Kerma capture (mt102) 41-Nb-93

Cross Section -100.0 To 9999. %



49

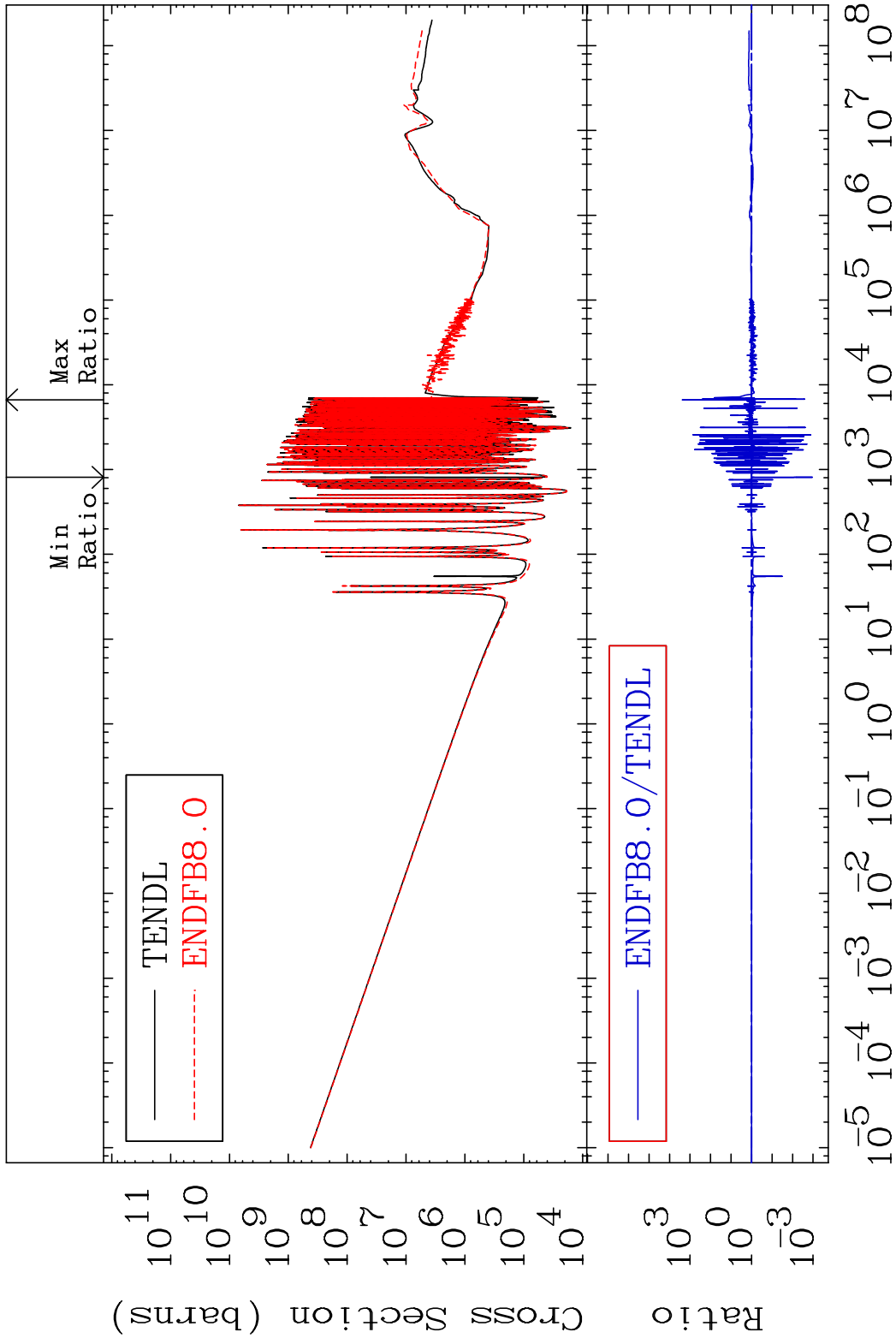
Incident Energy (eV)

41-Nb-93

MAT 4125

Total photon (eV-barns) 41-Nb-93

Cross Section -99.89 To 9999. %

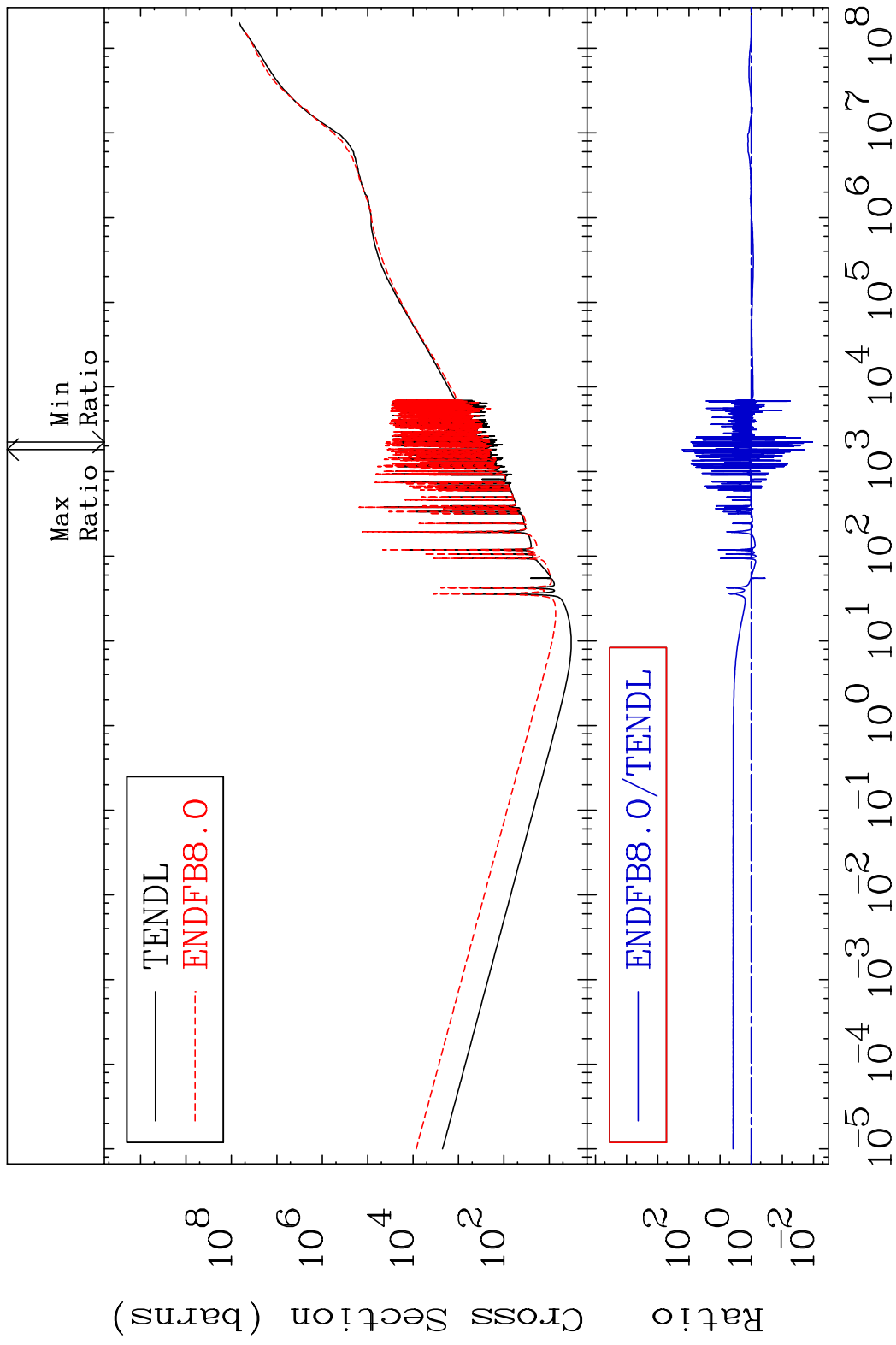


50

Incident Energy (eV)

41-Nb-93

MAT 4125 Total kinematic kerma (high limit) 41-Nb-93  
 Cross Section -98.92 To 9999. %

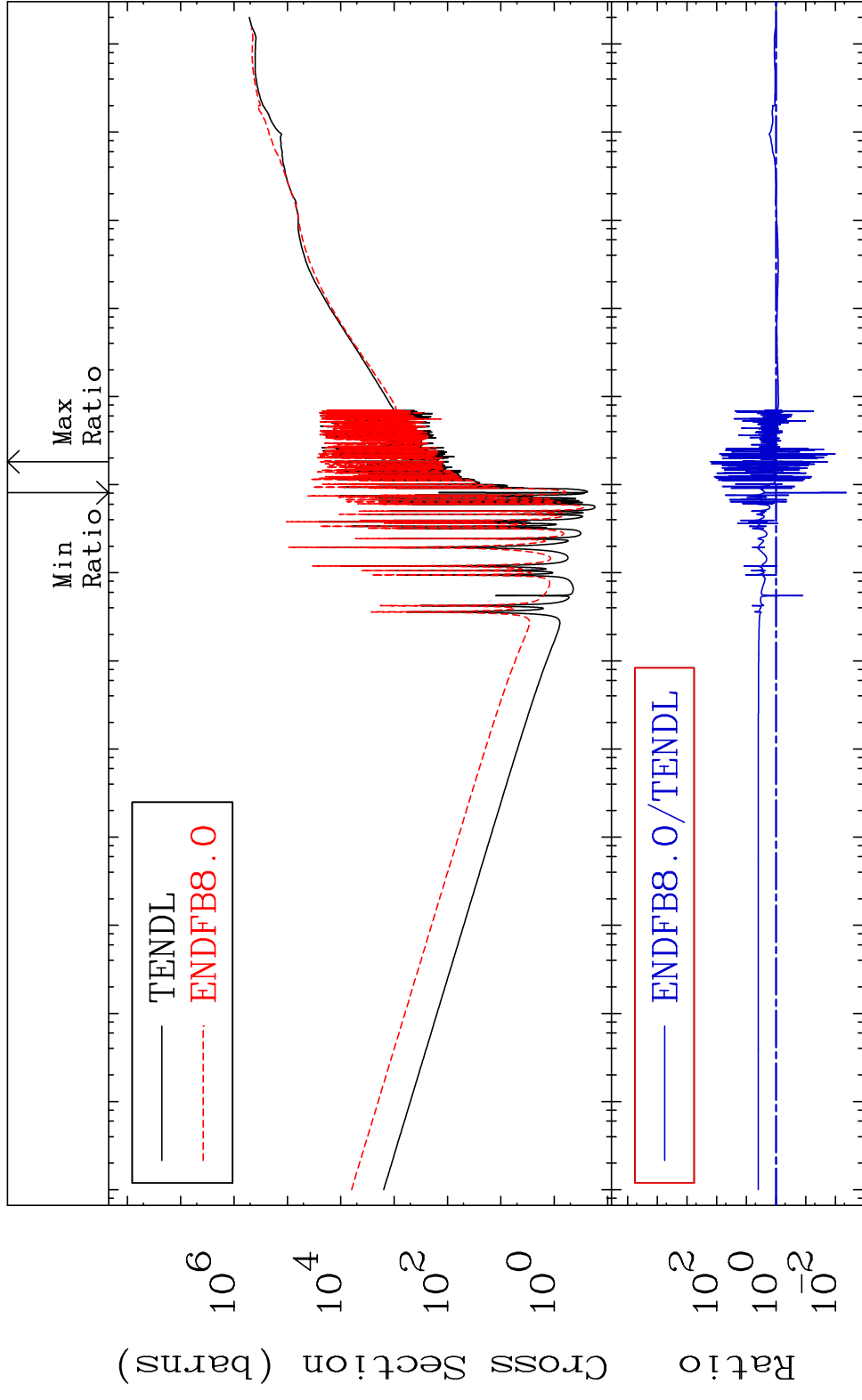


MAT 4125

Dpa total (eV-barns)

41-Nb-93

Cross Section -99.57 To 9999. %



52

Incident Energy (eV)

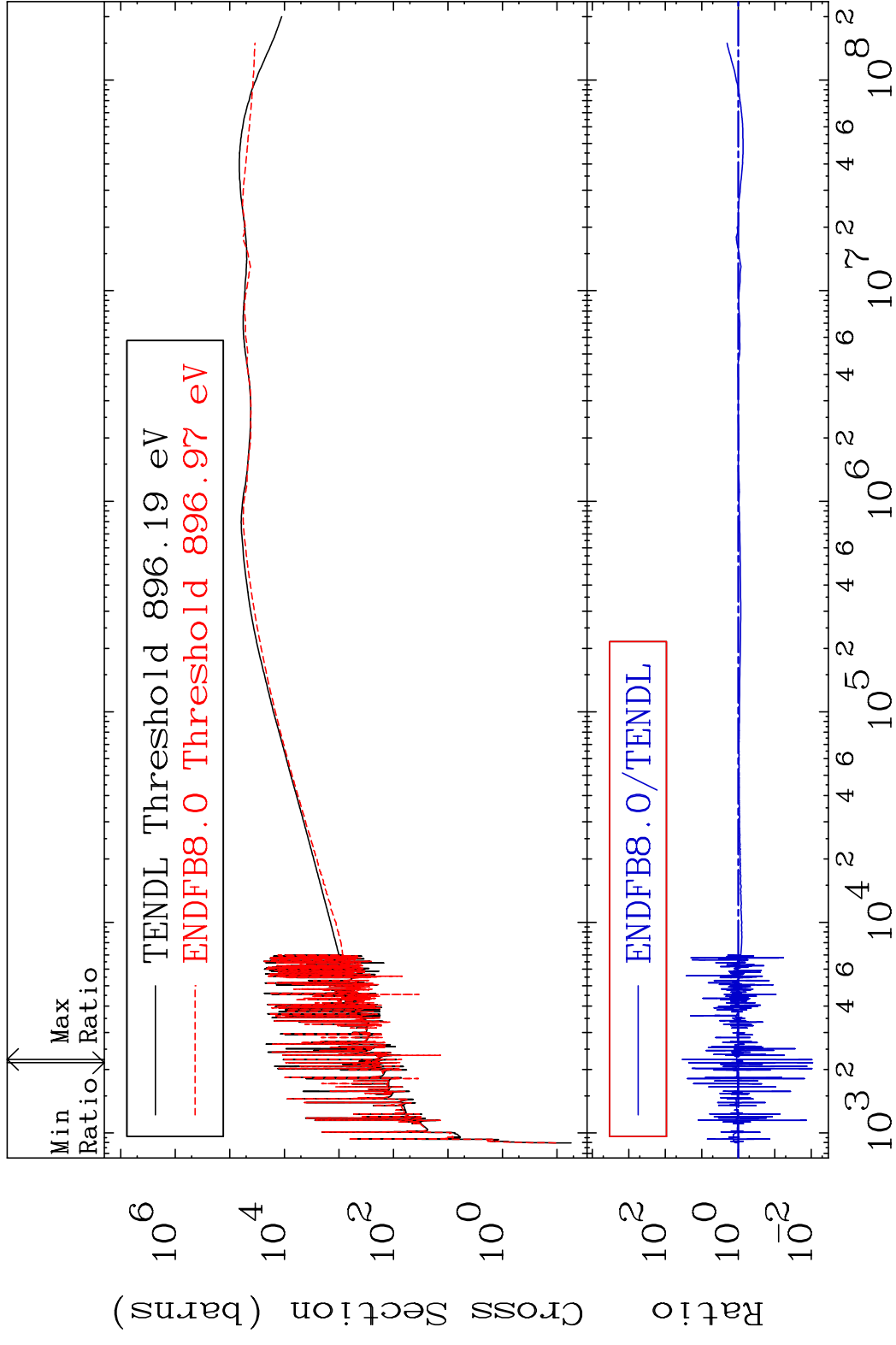
41-Nb-93

MAT 4125

Dpa elastic (mt2)

41-Nb-93

Cross Section -99.09 To 3292. %

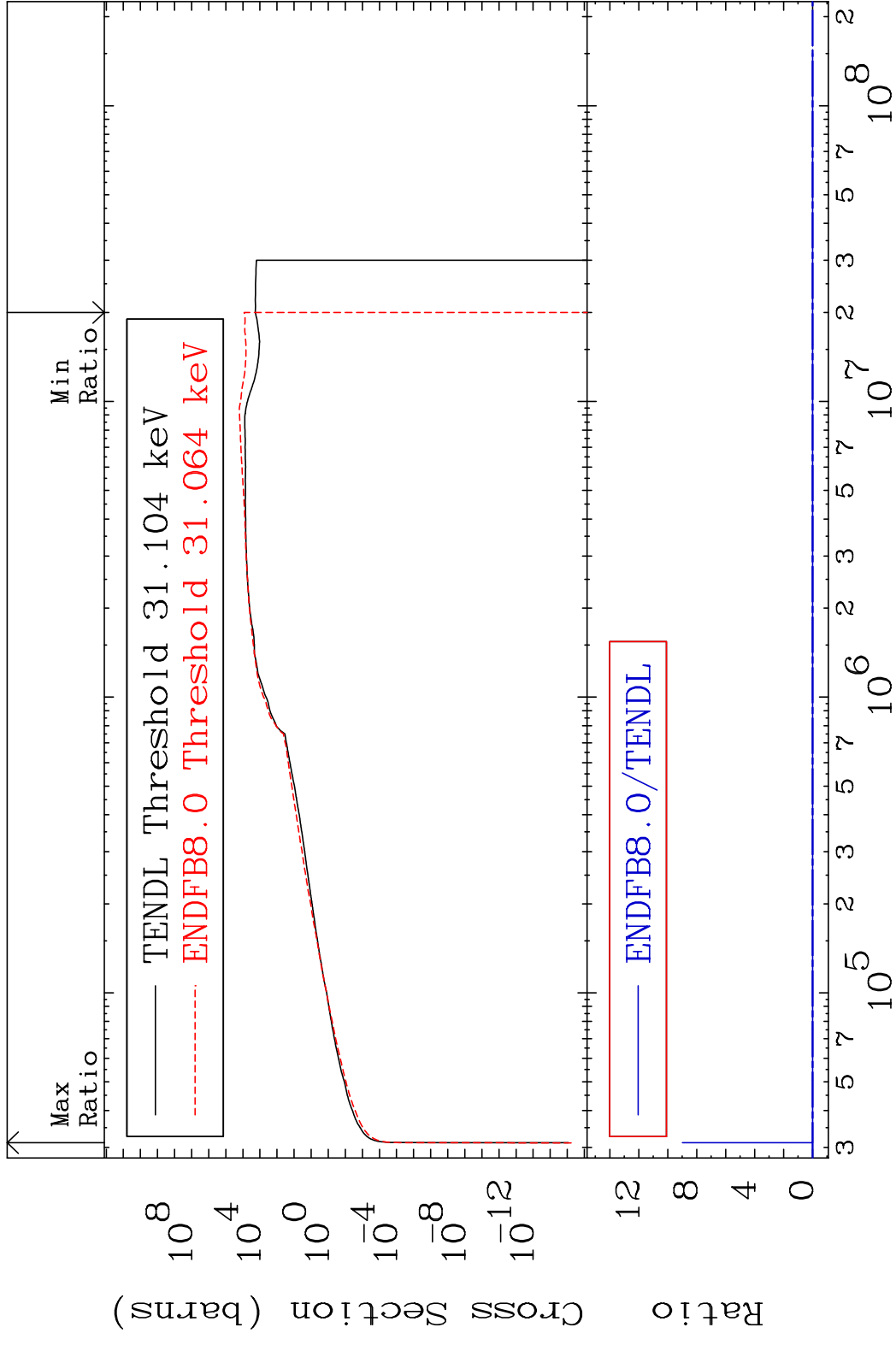


53

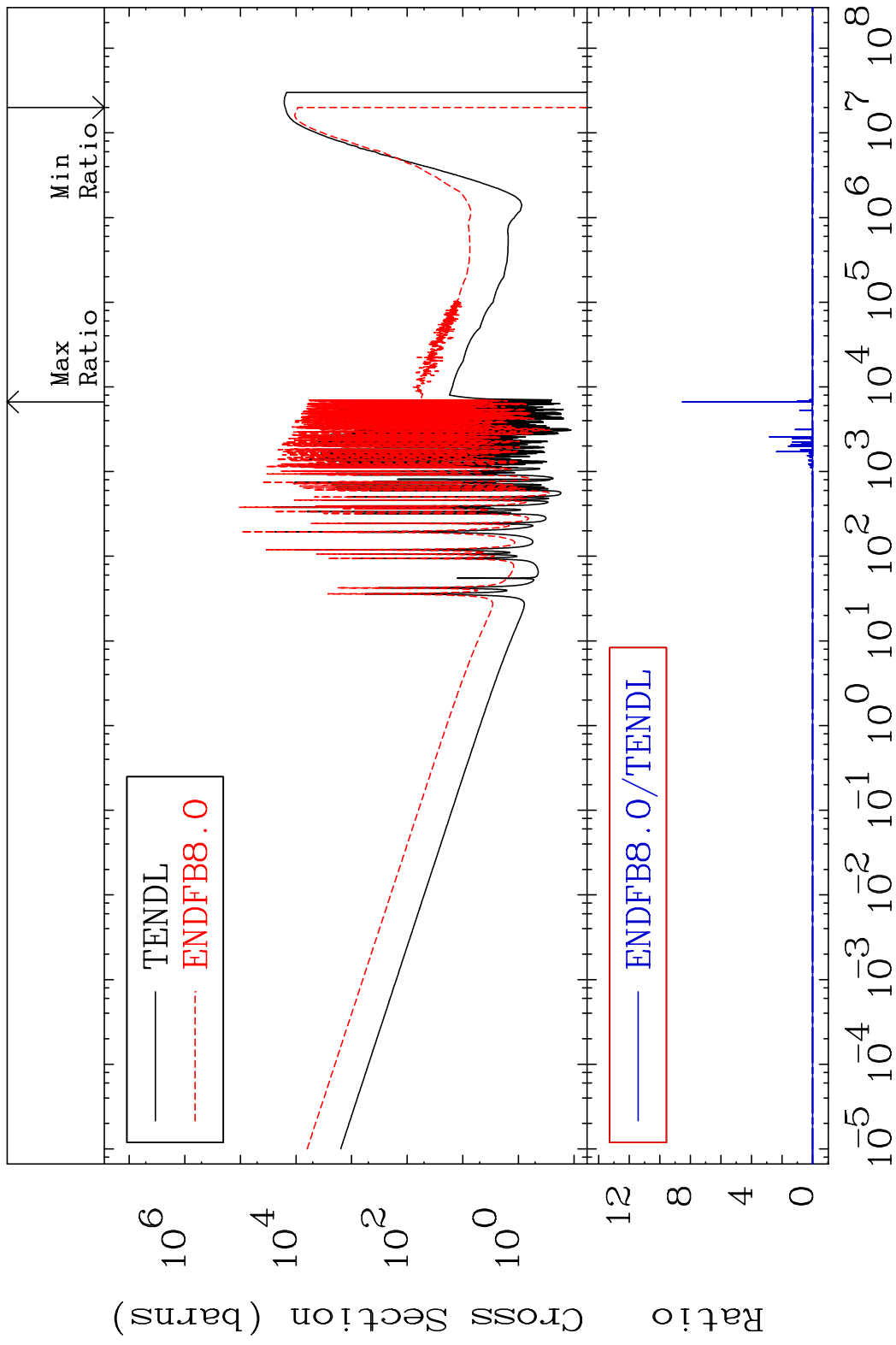
Incident Energy (eV)

41-Nb-93

MAT 4125 Dpa inelastic (mt51-91) 41-Nb-93  
 Cross Section -100.0 To 9999. %



MAT 4125 Dpa disappearance (mt102 -120) 41-Nb-93  
 Cross Section -100.0 To 9999. %



55 Incident Energy (eV) 41-Nb-93



