

Program Complot  
(Version 2021-1)

by

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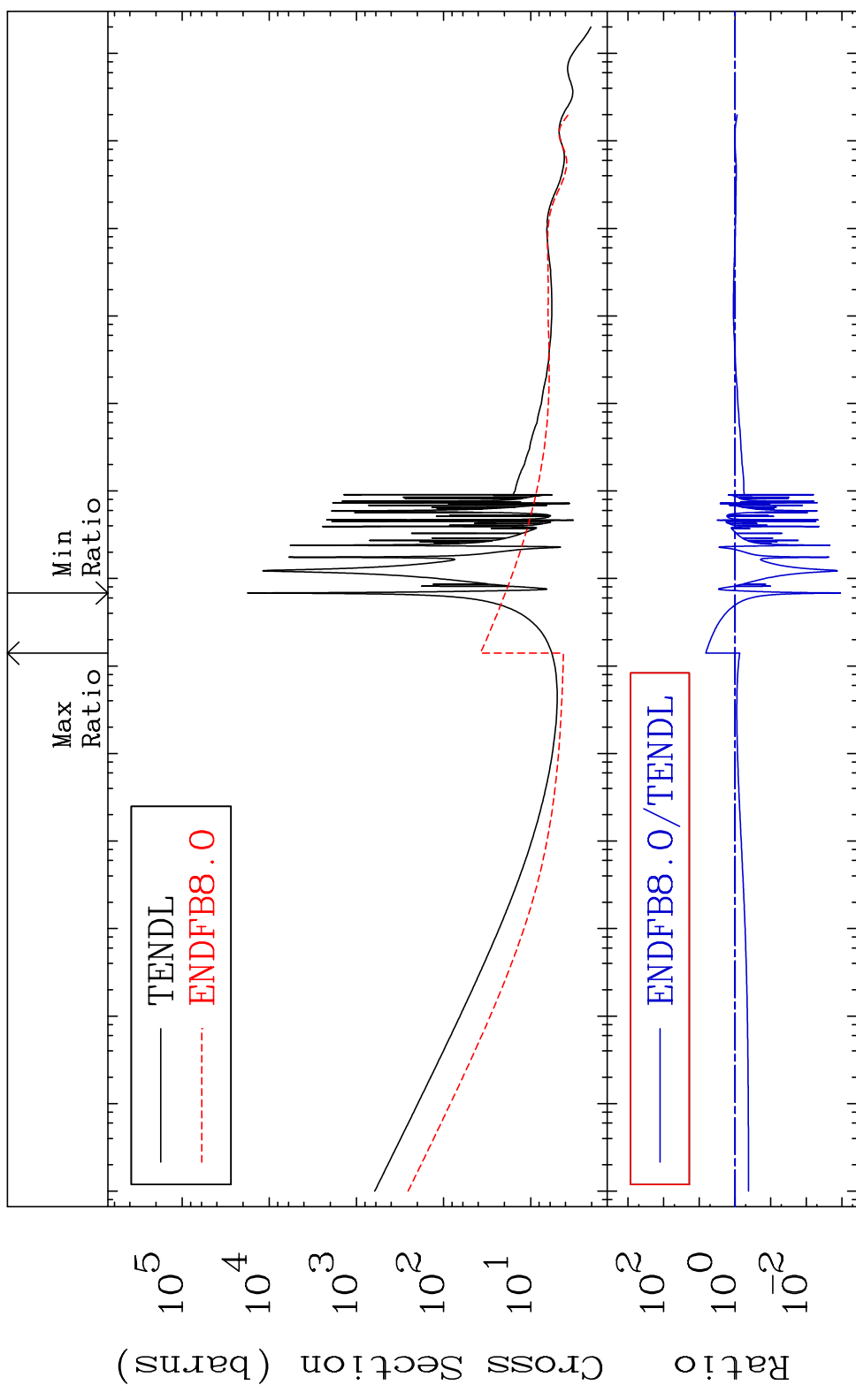
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5137

Total  
Cross Section -99.89 To 558.4 %

51-Sb-125



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>8</sup> 10<sup>7</sup> 10<sup>6</sup> 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>

1 Incident Energy (eV) 51-Sb-125

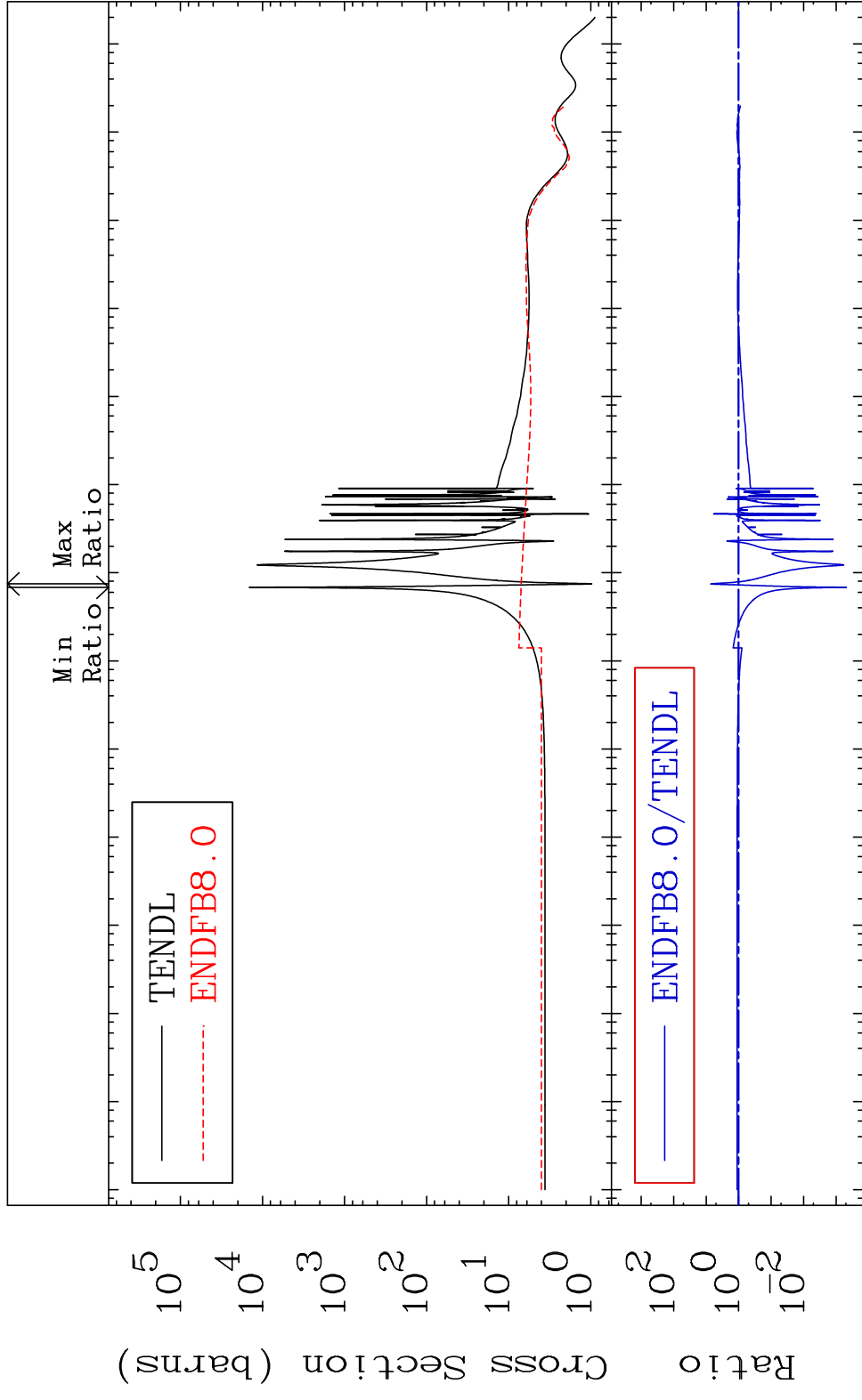
MAT 5137

Elastic

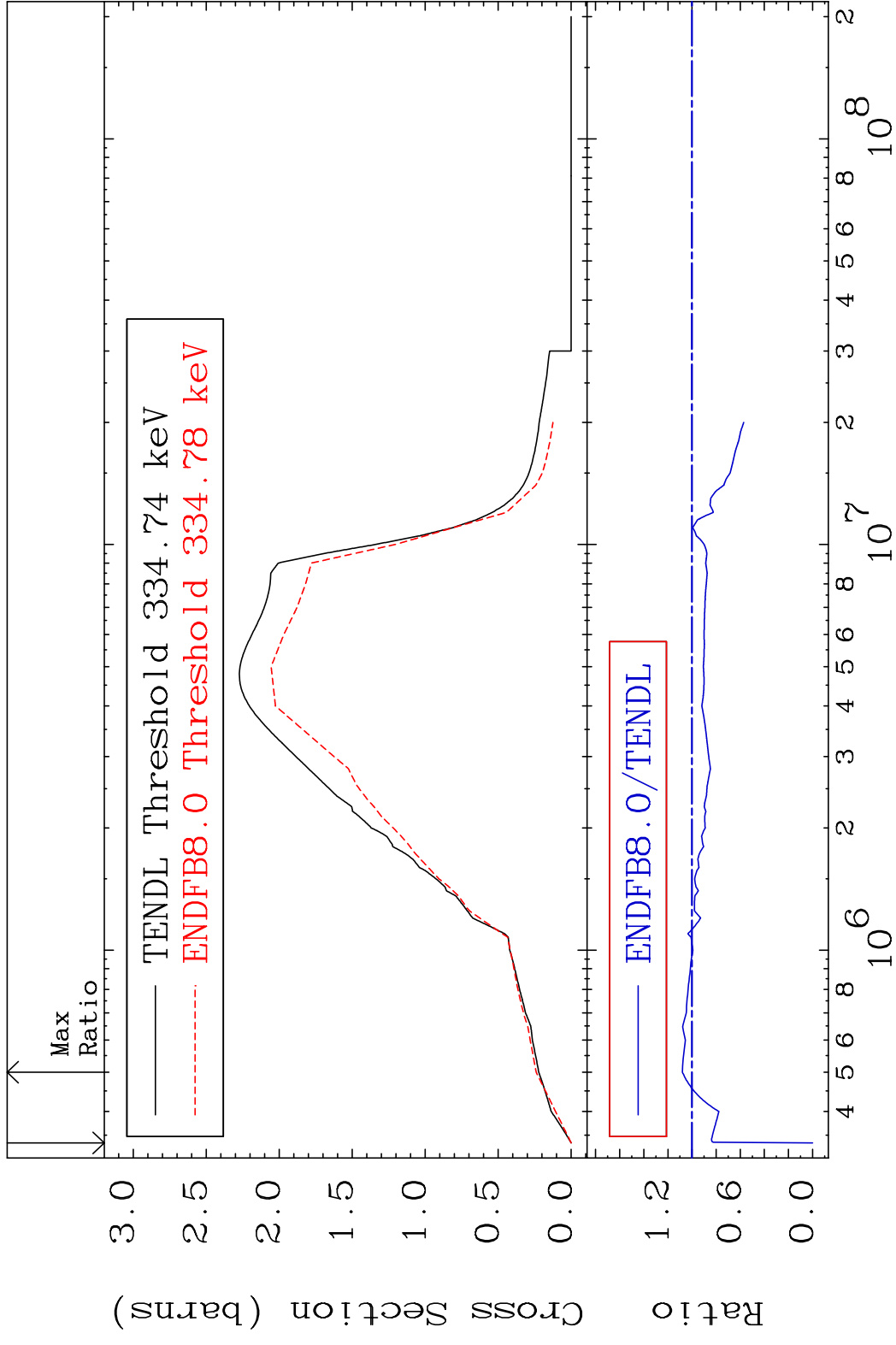
51-Sb-125

Cross Section

-99.95 To 622.8 %



MAT 5137 Inelastic 51-Sb-125  
 Cross Section -100.0 To 8.025 %

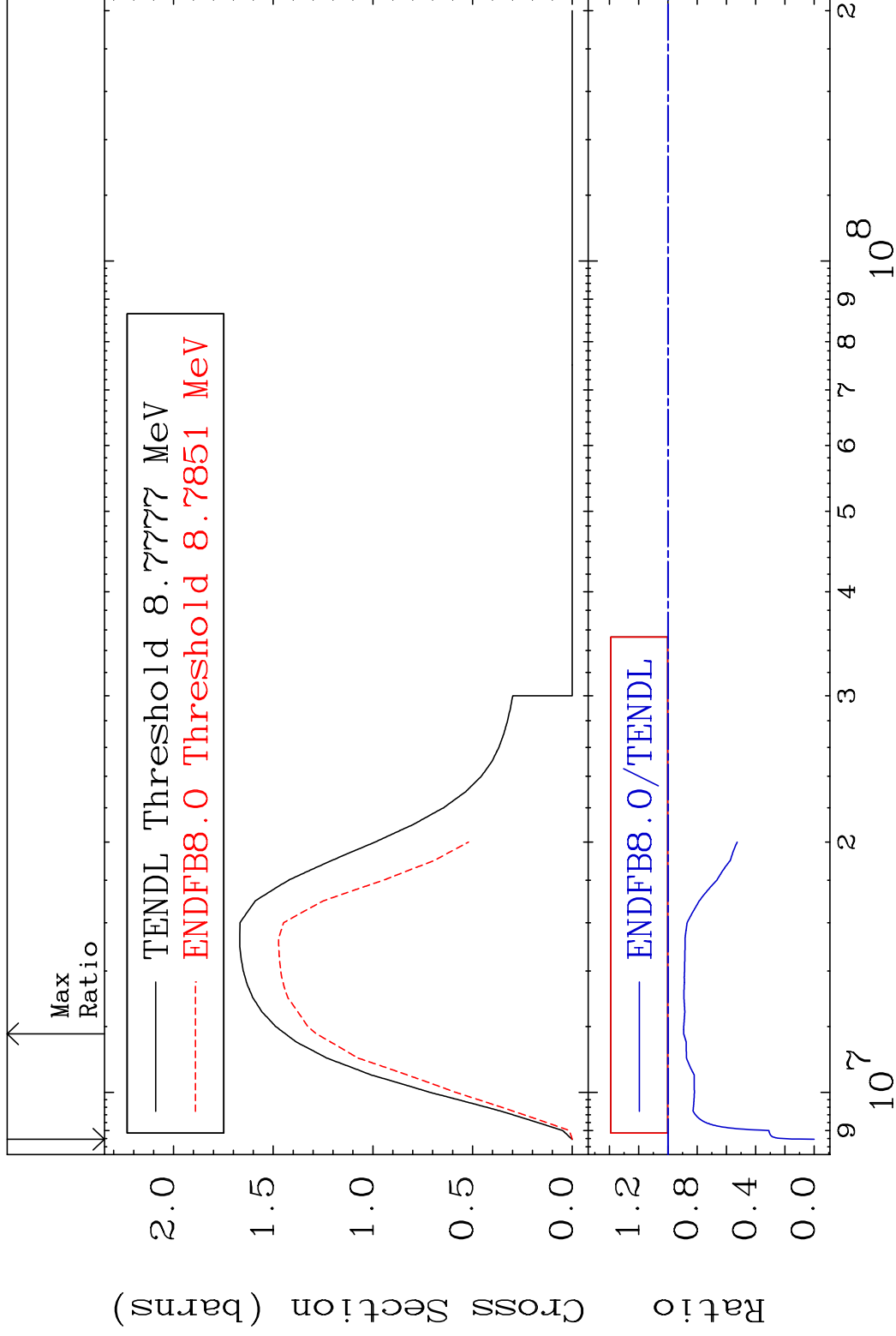


MAT 5137

(n,2n)

51-Sb-125

Cross Section -100.0 To -10.78%



4

Incident Energy (eV)

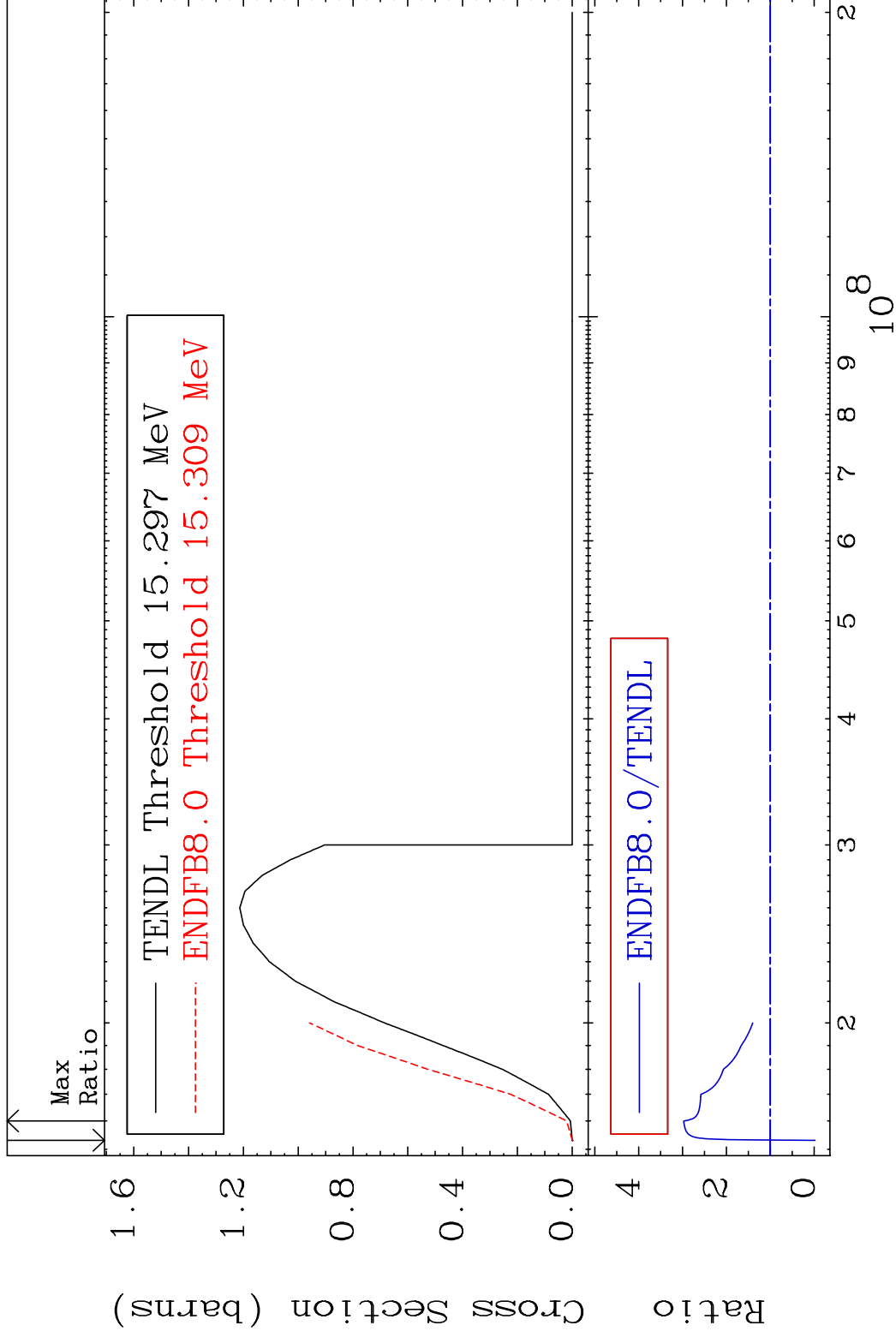
51-Sb-125

MAT 5137

(n,3n)

51-Sb-125

Cross Section -100.0 To 197.5 %

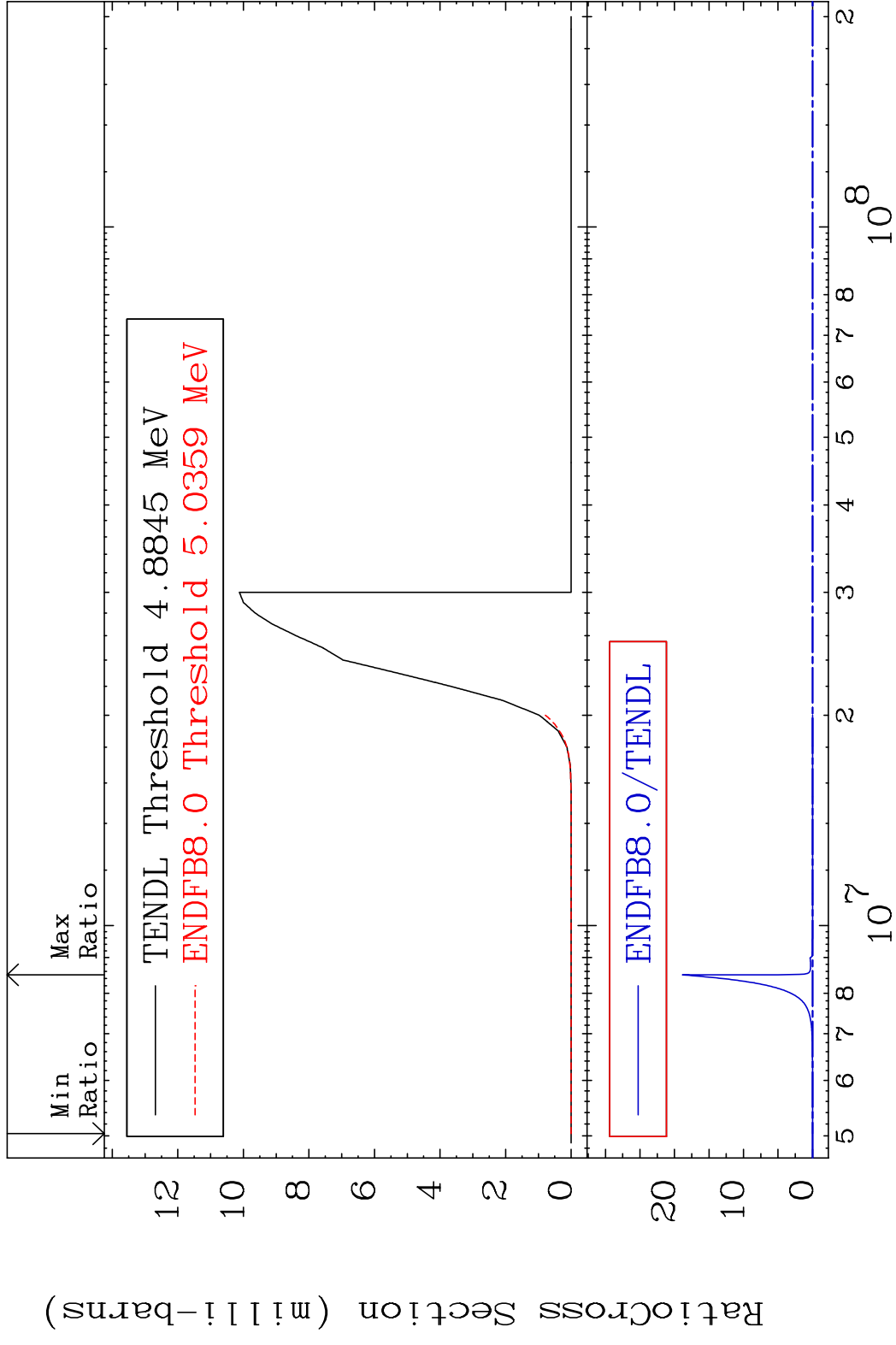


5

Incident Energy (eV)

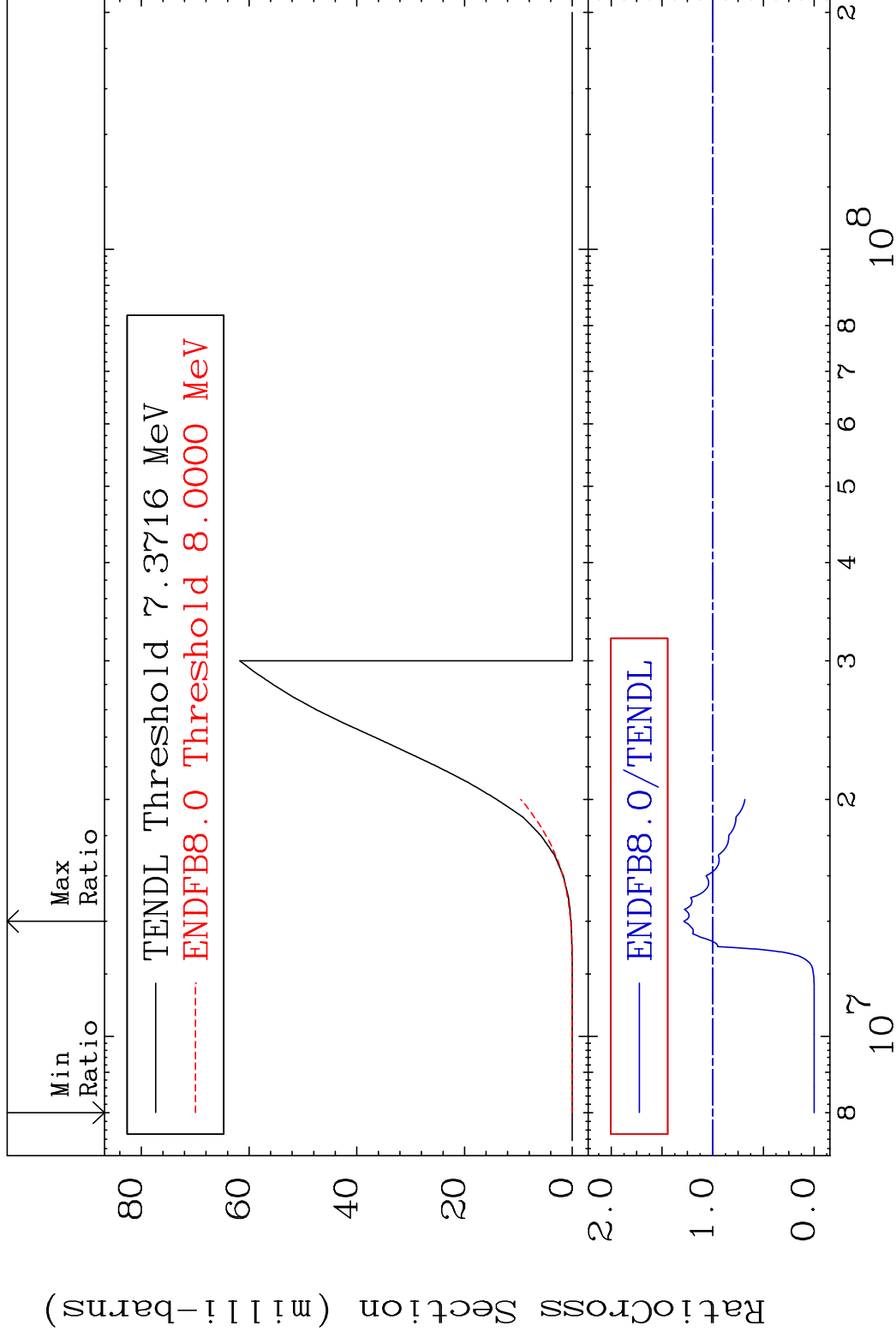
51-Sb-125

MAT 5137 (n, n')  $\alpha$  51-Sb-125  
 Cross Section -100.0 To 9999. %



MAT 5137

(n, n') p 51-Sb-125  
Cross Section -100.0 To 28.67 %



7

Incident Energy (eV)

51-Sb-125

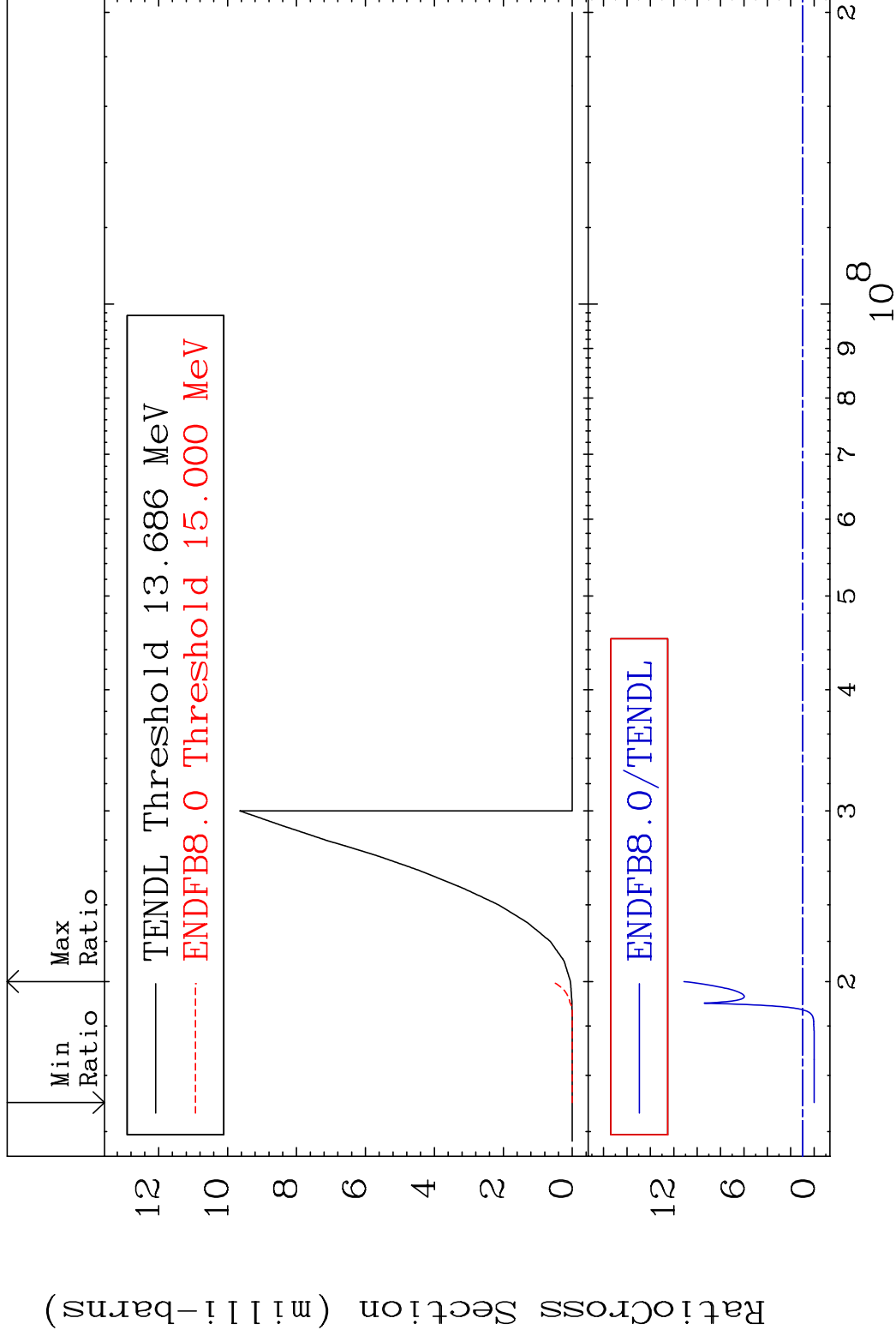


MAT 5137

(n, n') d

51-Sb-125

Cross Section -100.0 To 1015. %



8

Incident Energy (eV)

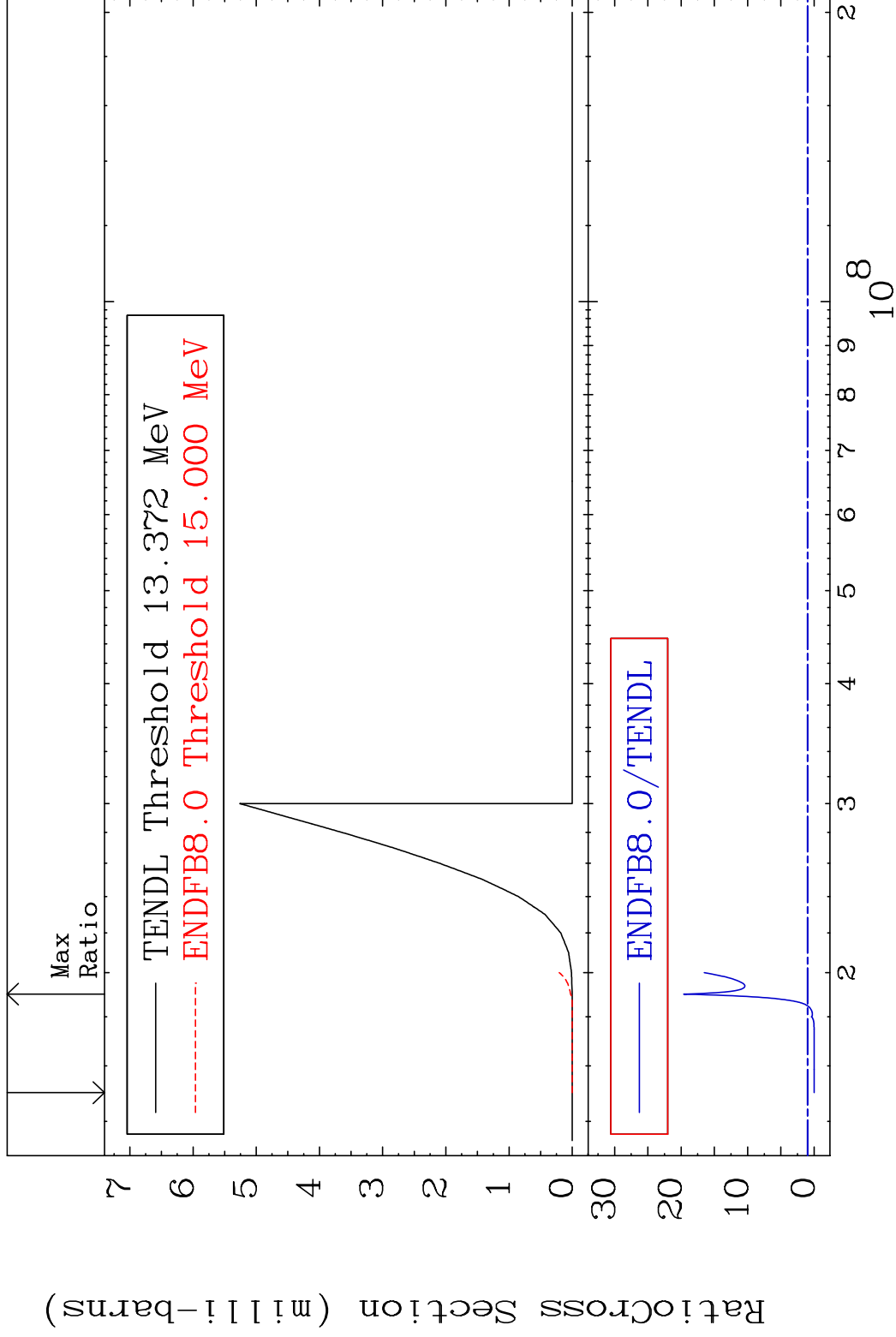
51-Sb-125

MAT 5137

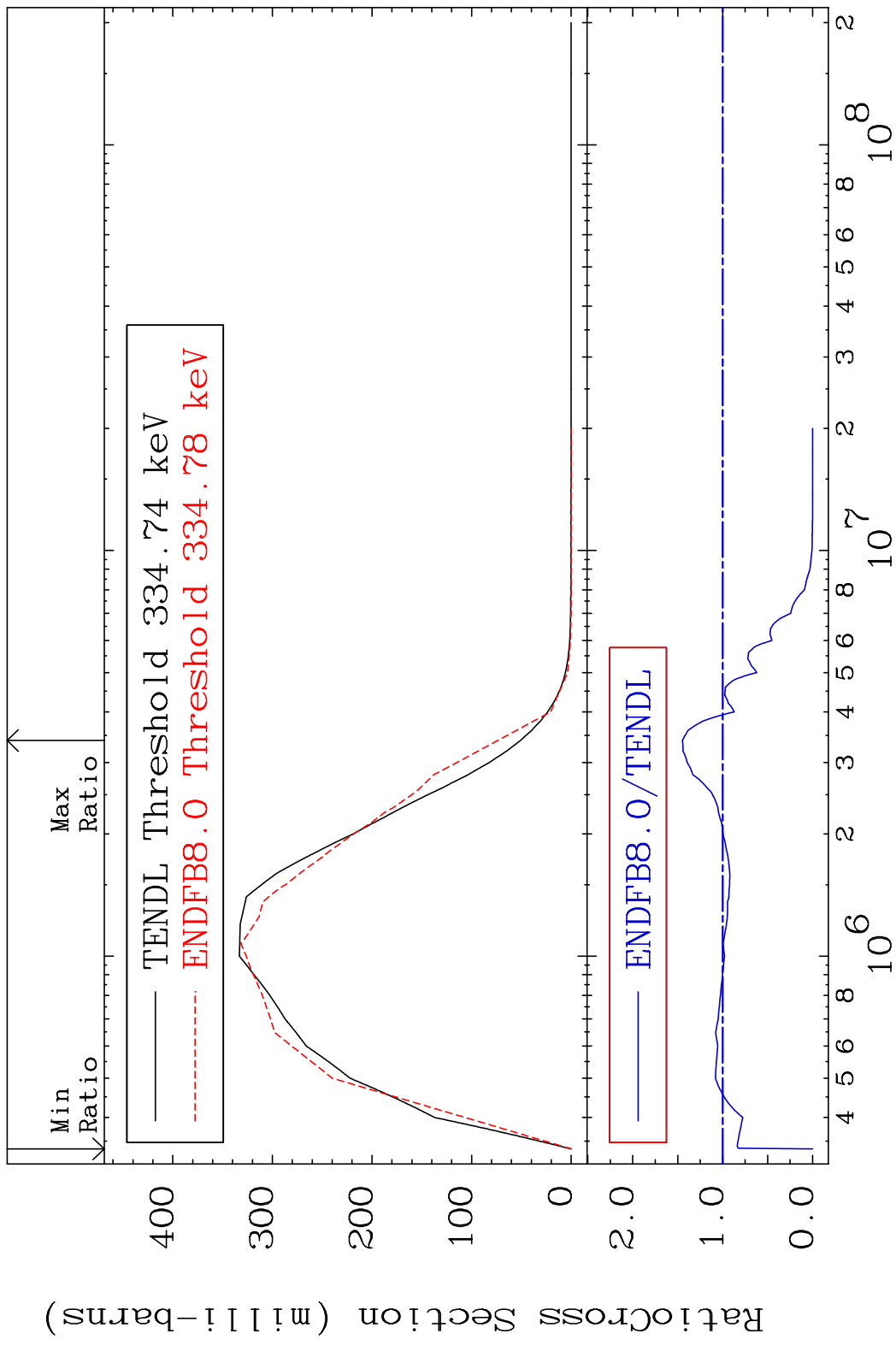
(n, n') t

51-Sb-125

Cross Section -100.0 To 1862. %

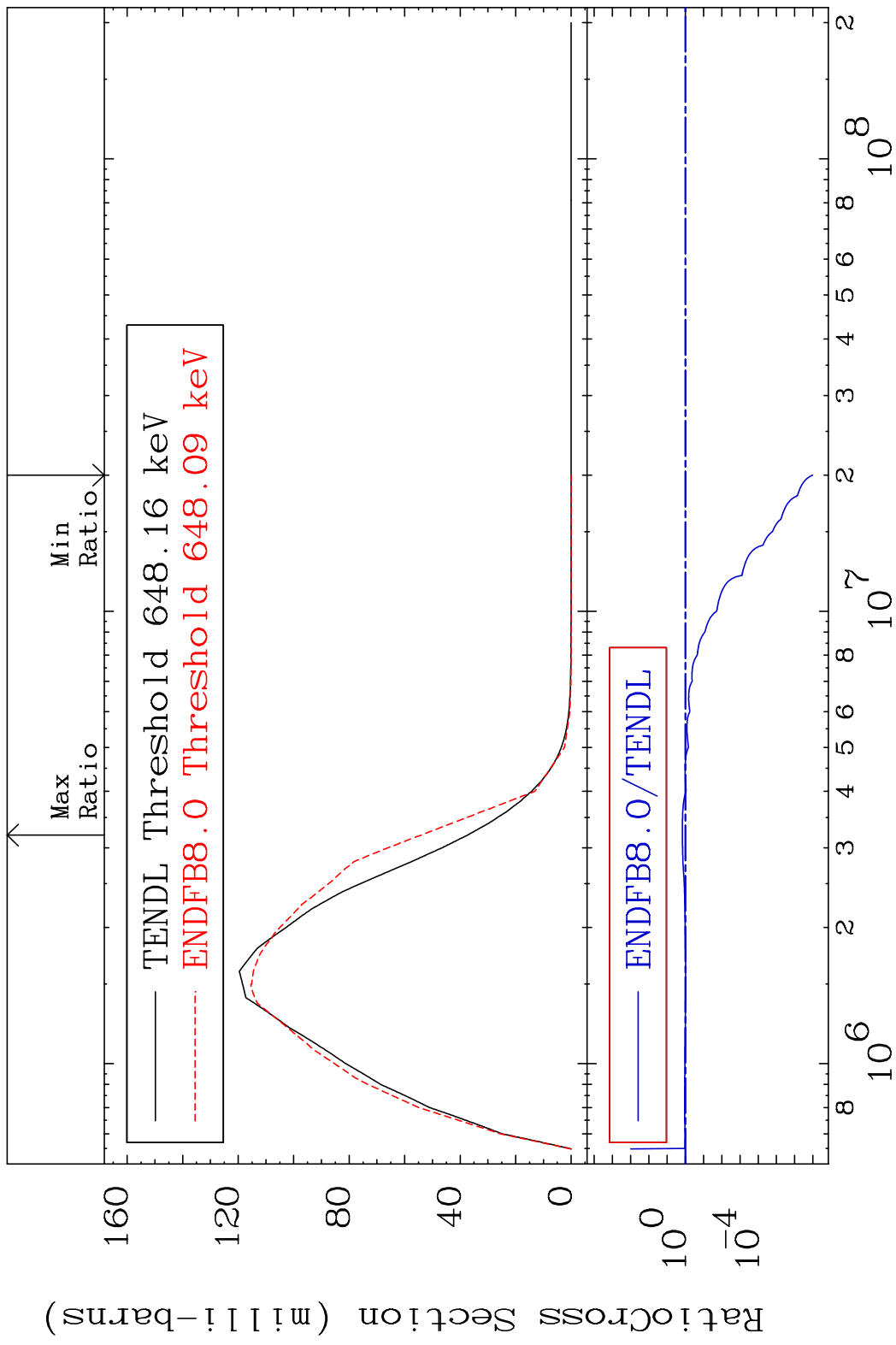


MAT 5137 MT= 51 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 44.85 %

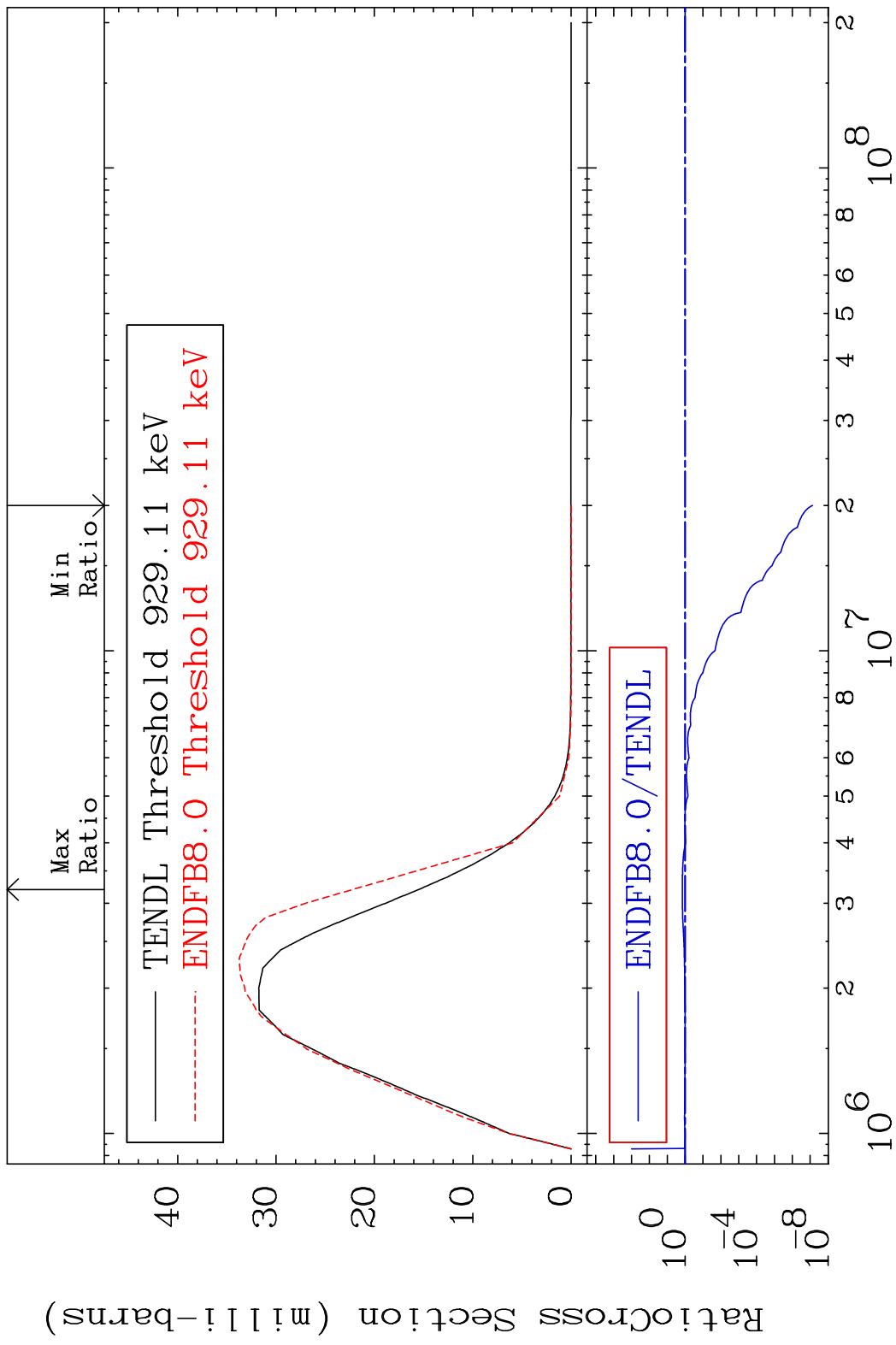


10 Incident Energy (eV) 51-Sb-125

MAT 5137 MT= 52 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 45.16 %

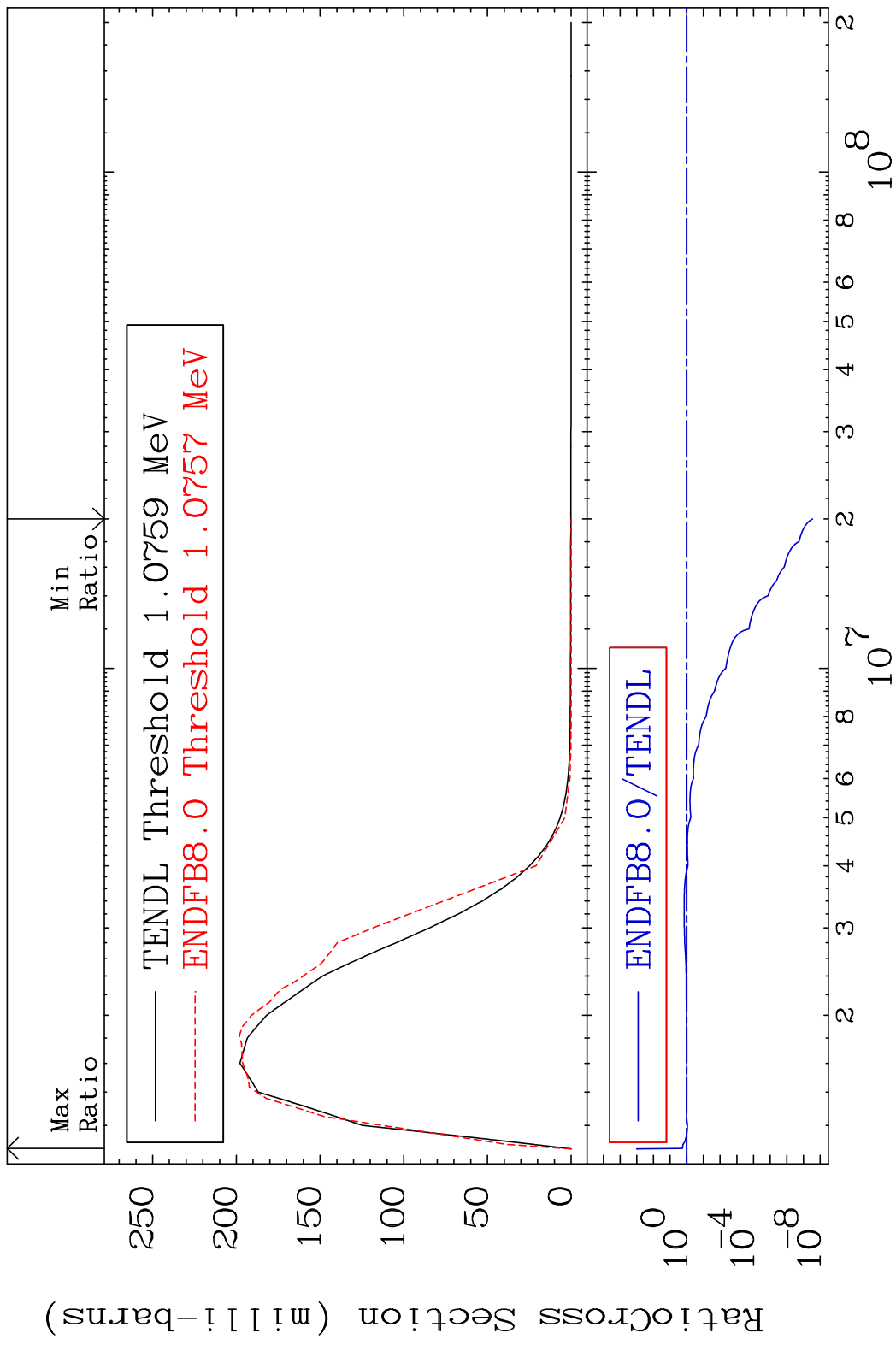


MAT 5137 MT= 53 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 43.53 %

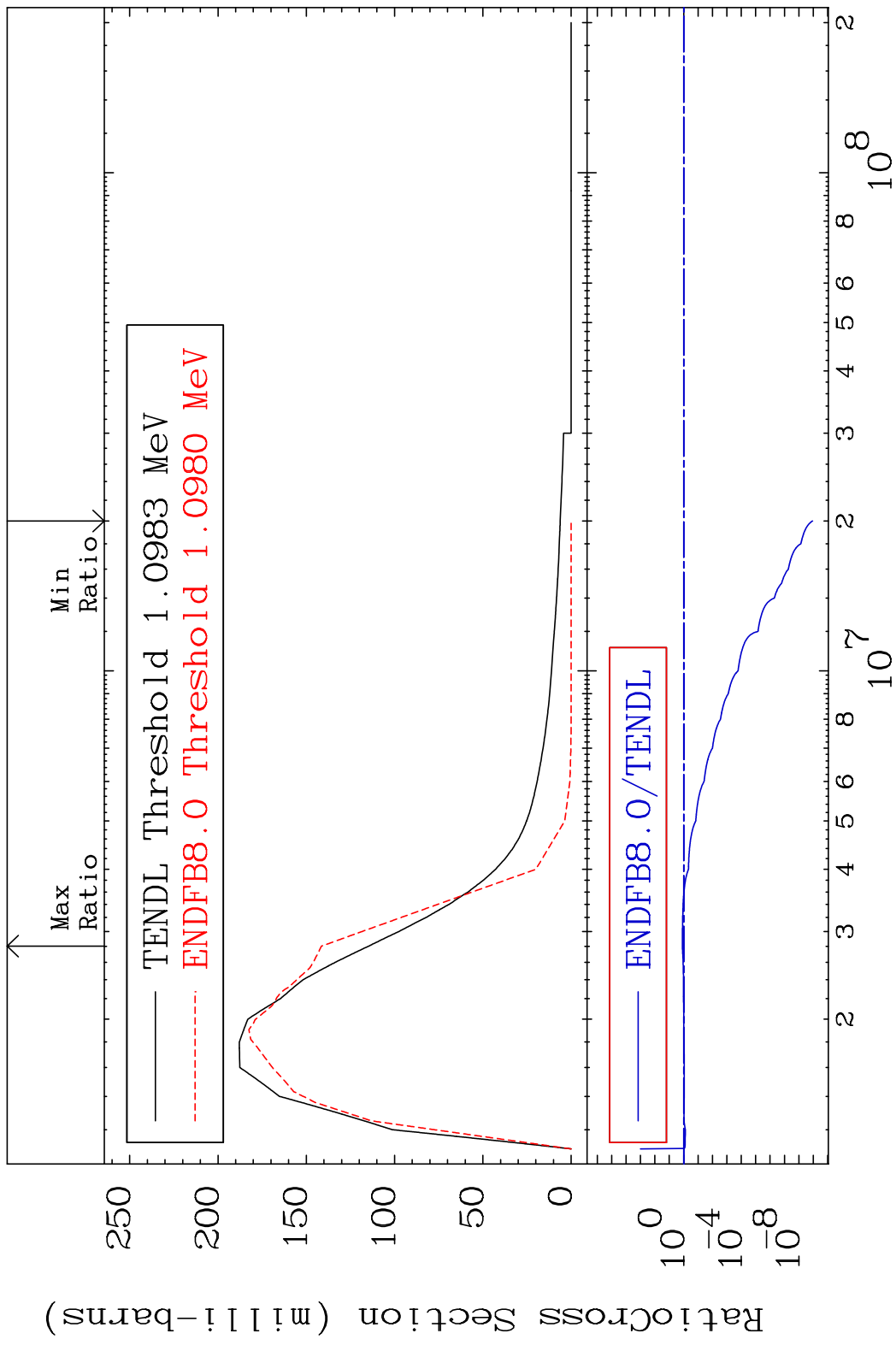


12 Incident Energy (eV) 51-Sb-125

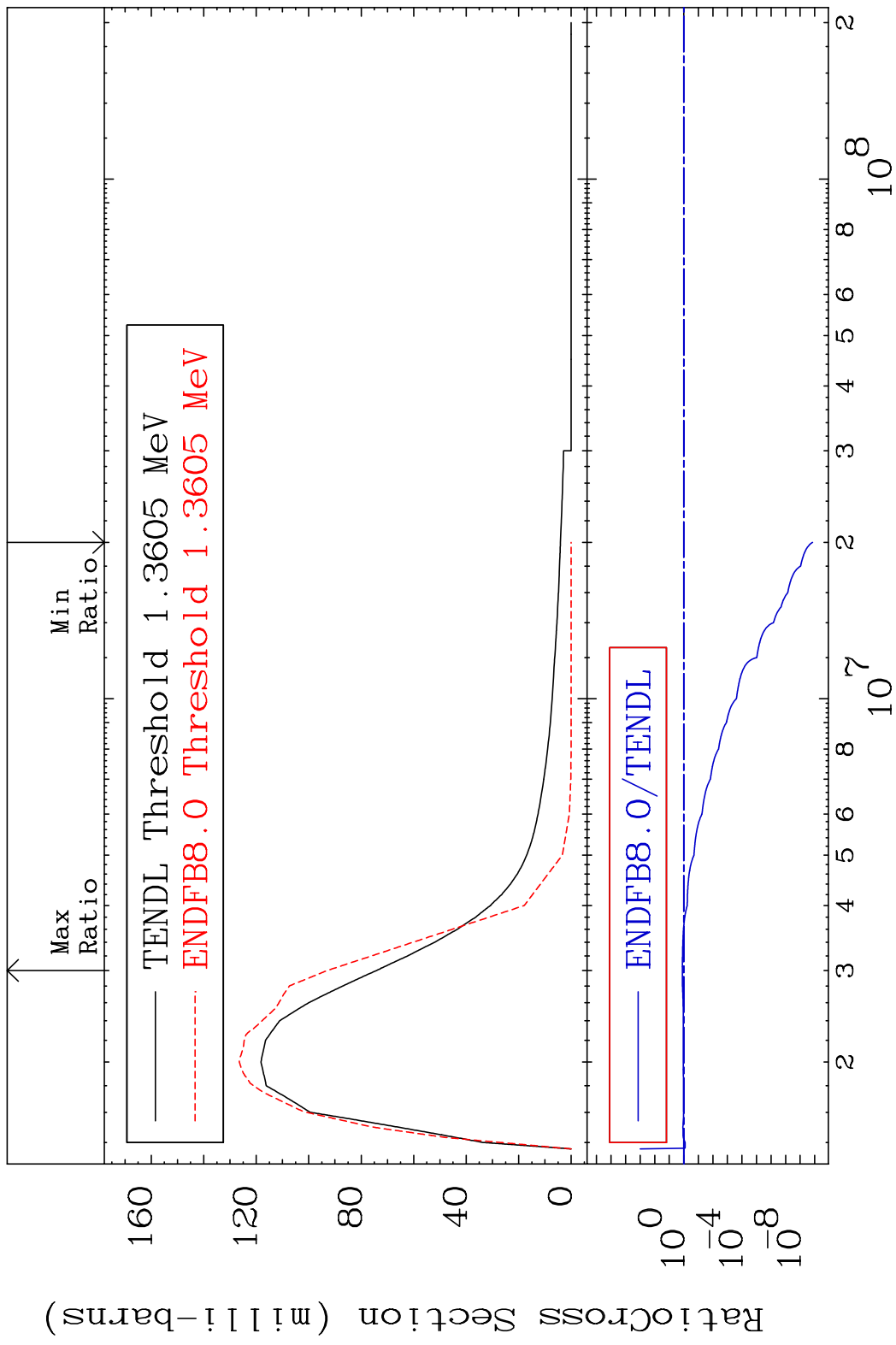
MAT 5137 MT= 54 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 84.03 %



MAT 5137 MT= 55 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 23.30 %

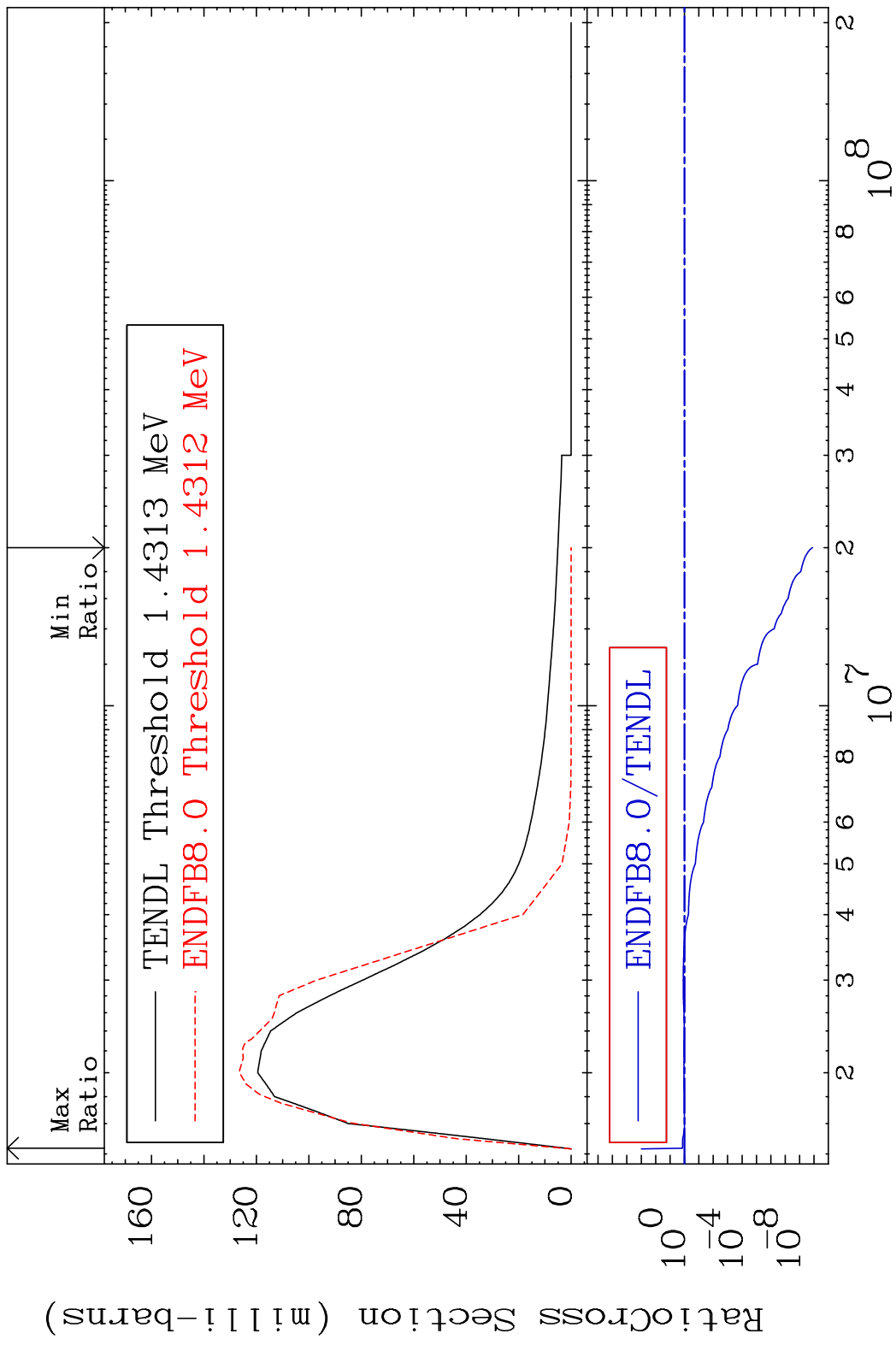


MAT 5137 MT= 56 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 25.27 %

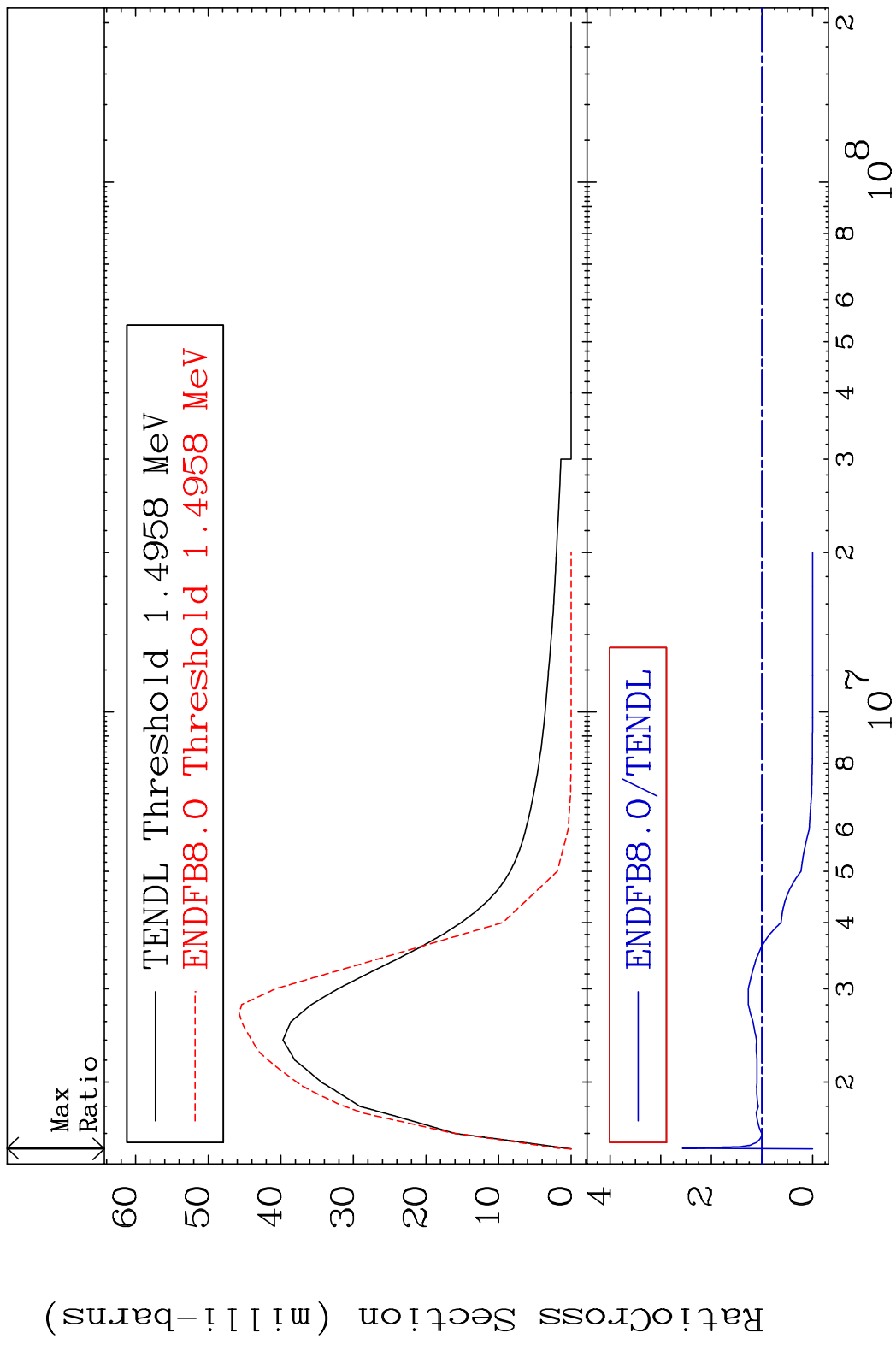




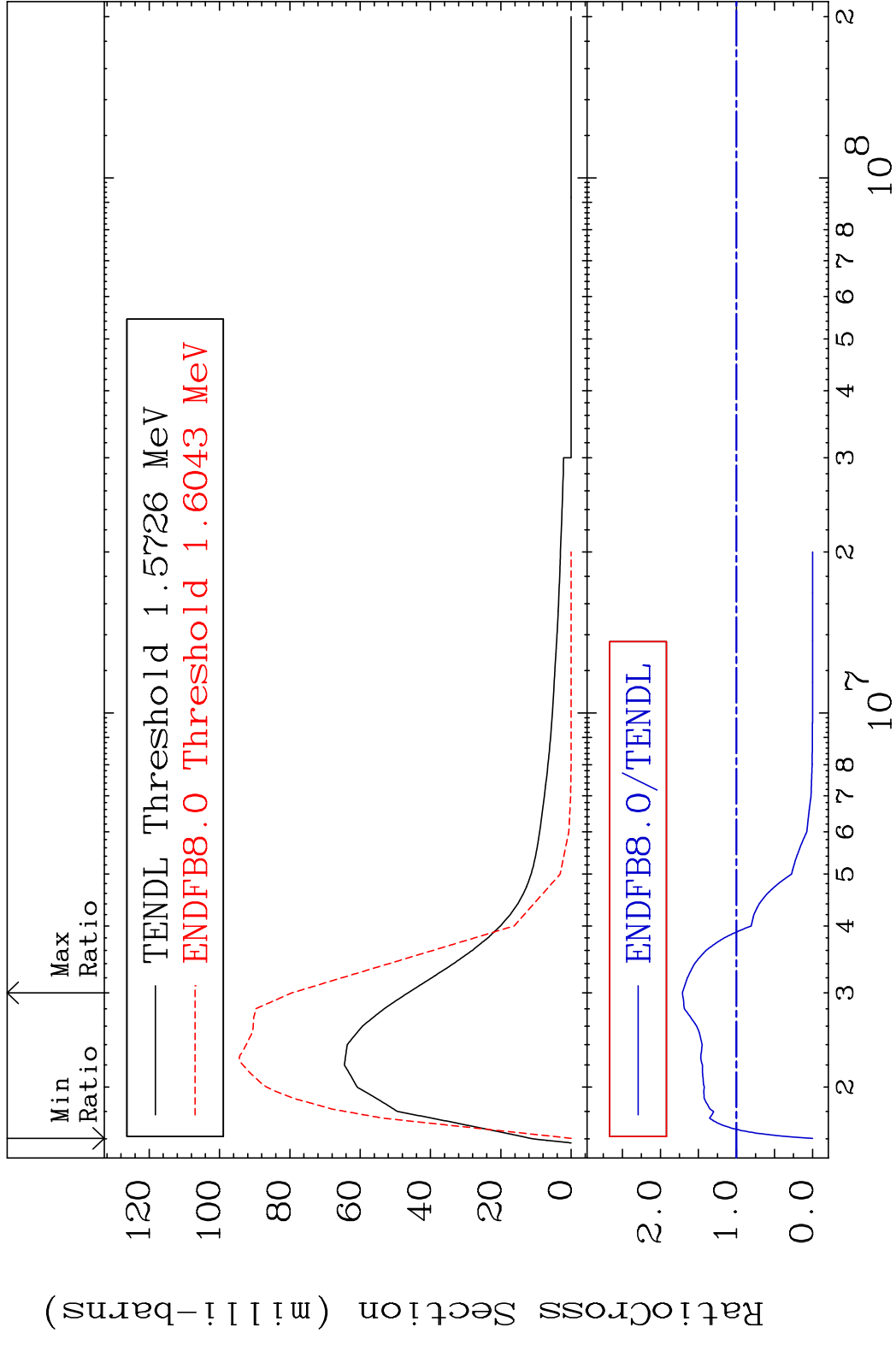
MAT 5137 MT= 57 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 39.44 %



MAT 5137 MT= 58 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 157.2 %



MAT 5137 MT= 59 (n,n') Level 51-Sb-125  
 Cross Section -100.0 To 71.13 %

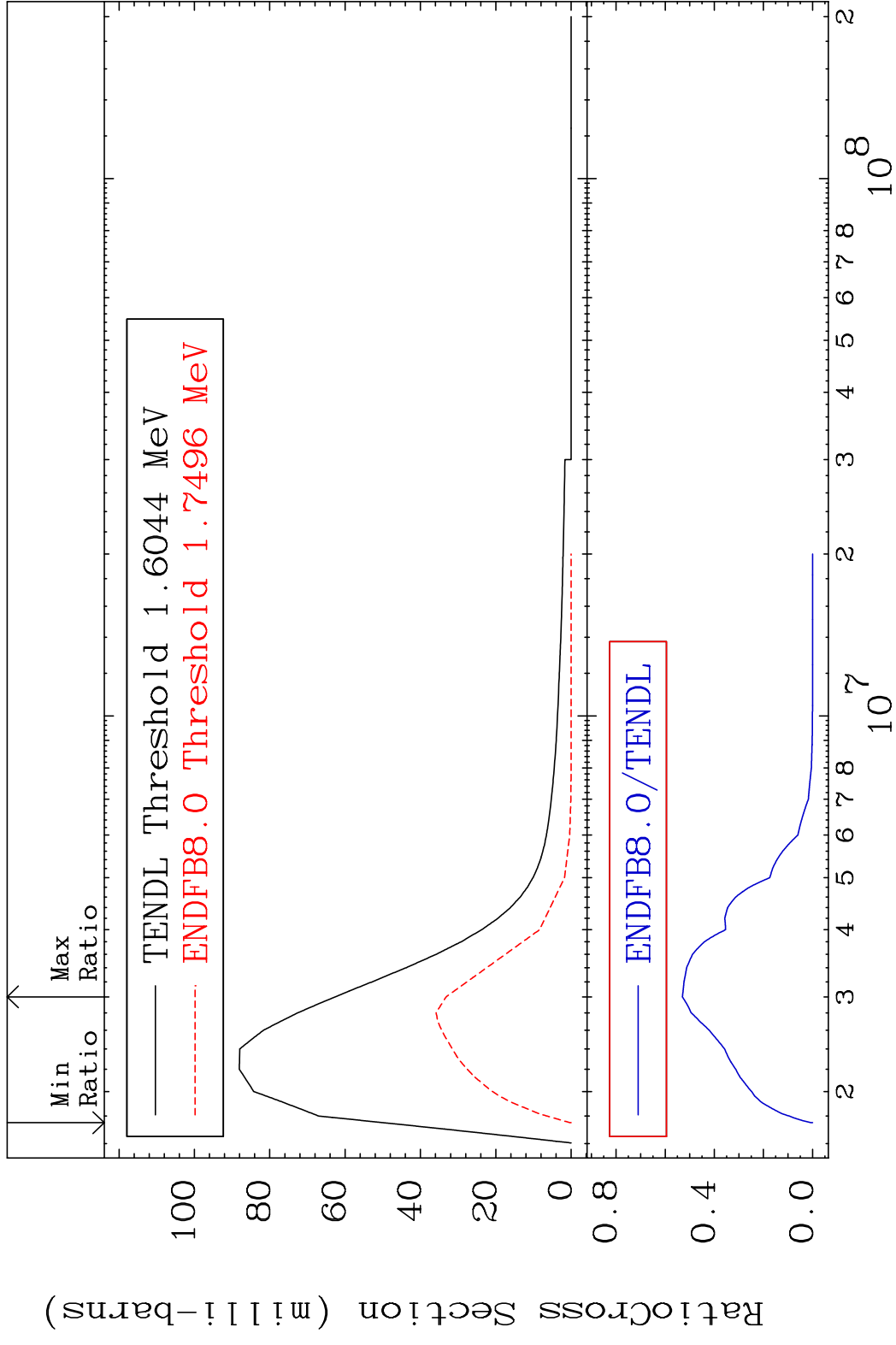


MAT 5137

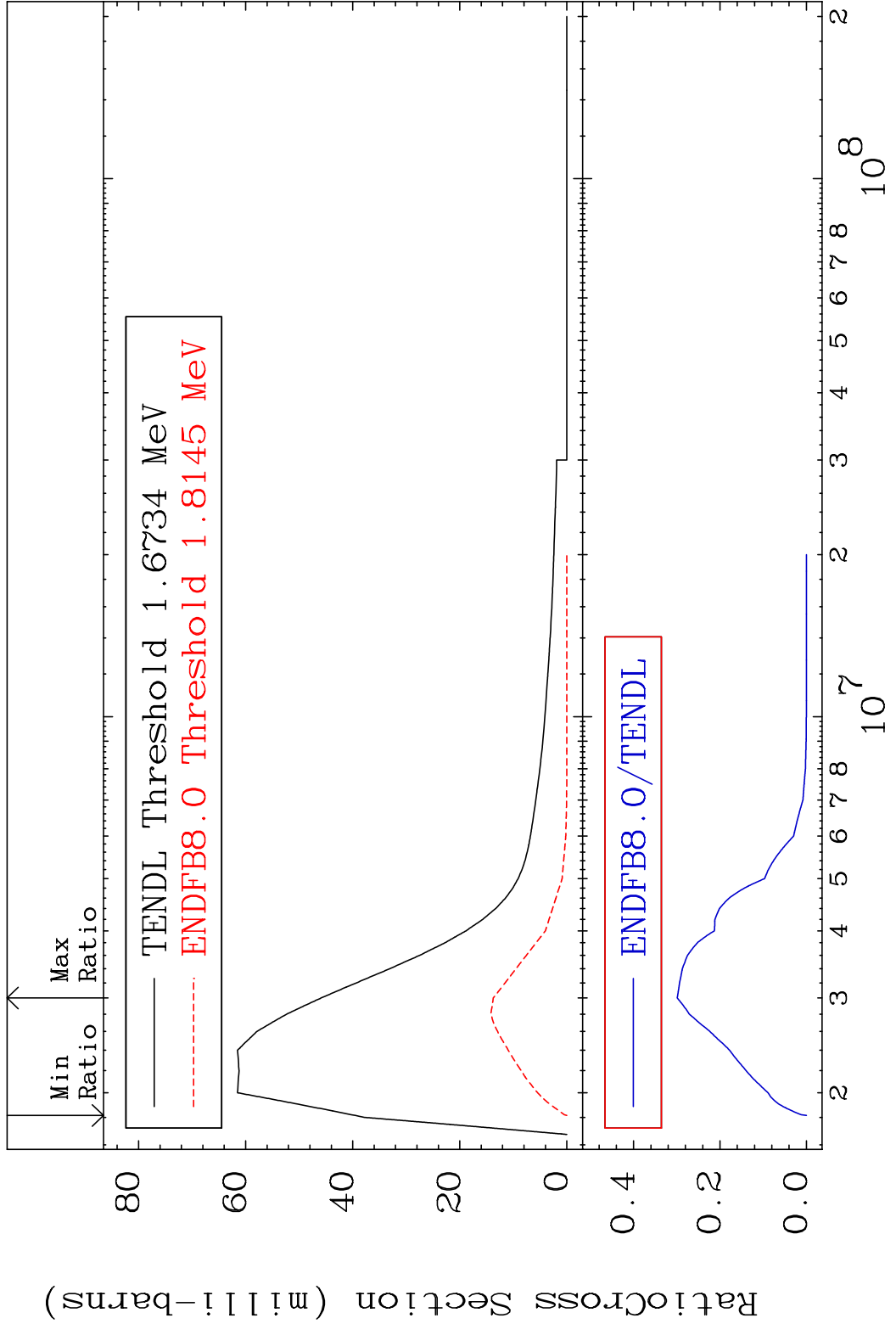
MT= 60 (n,n') Level

51-Sb-125

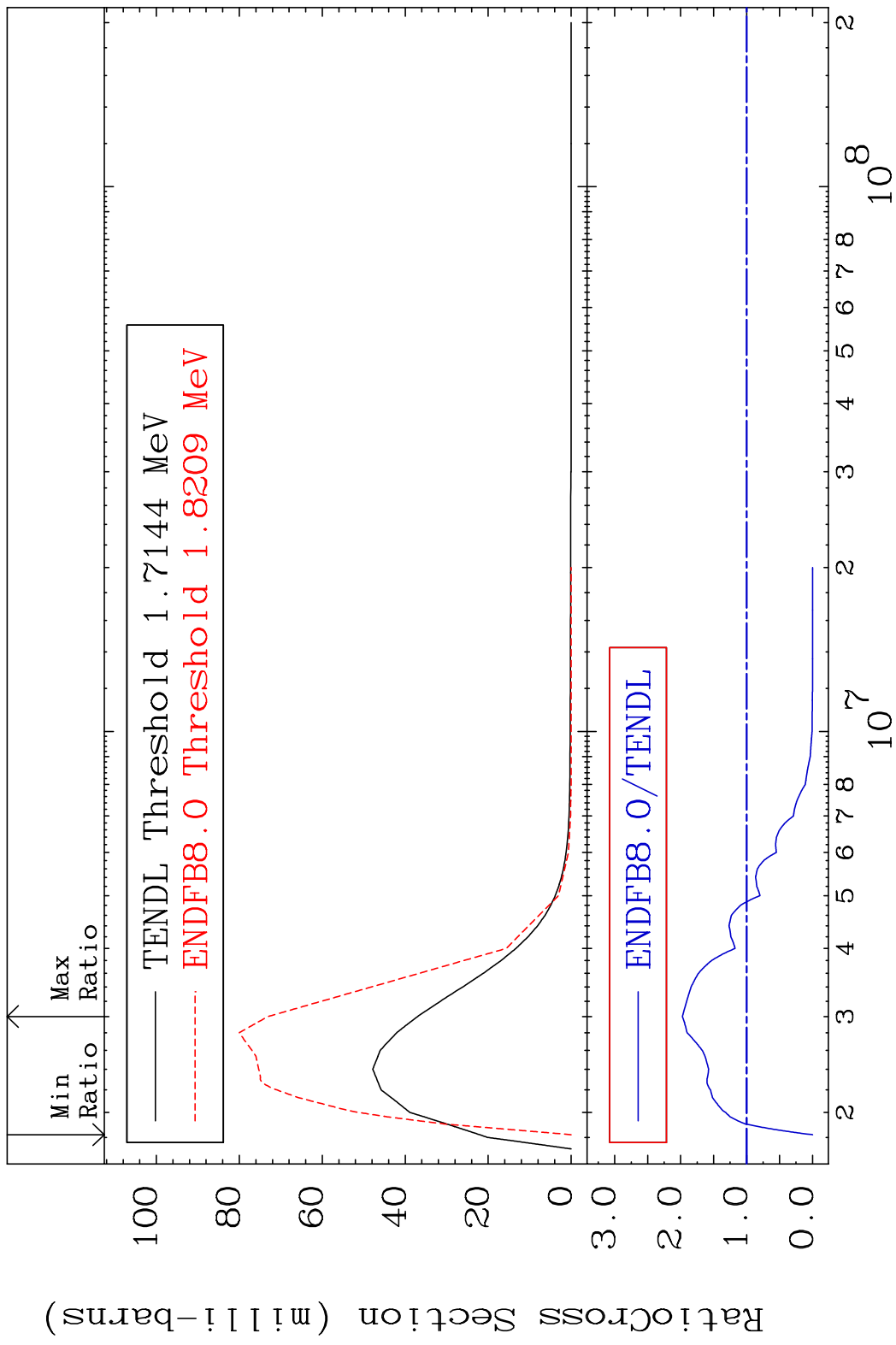
Cross Section -100.0 To -46.99%



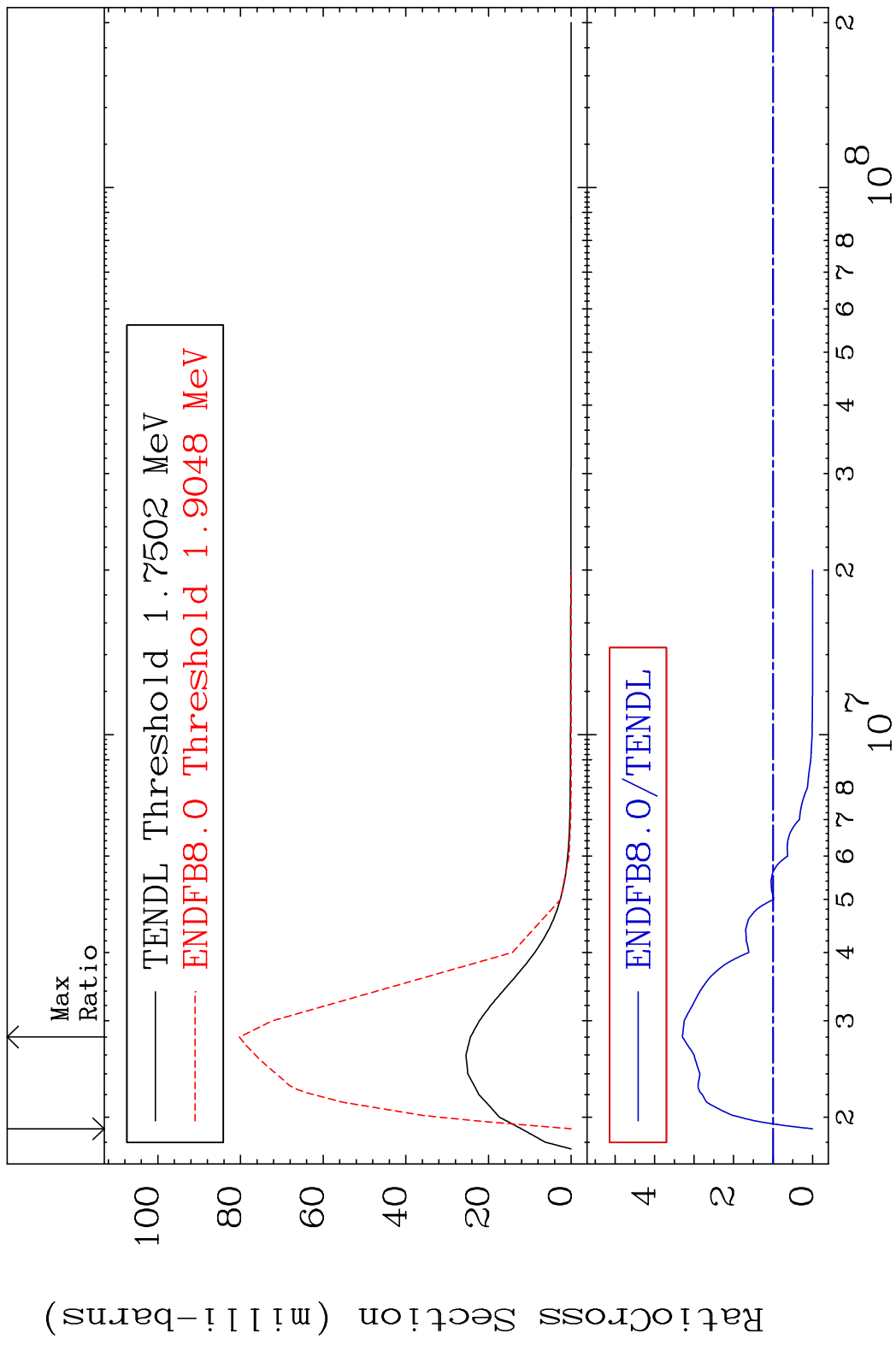
MAT 5137 MT= 61 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To -70.08%



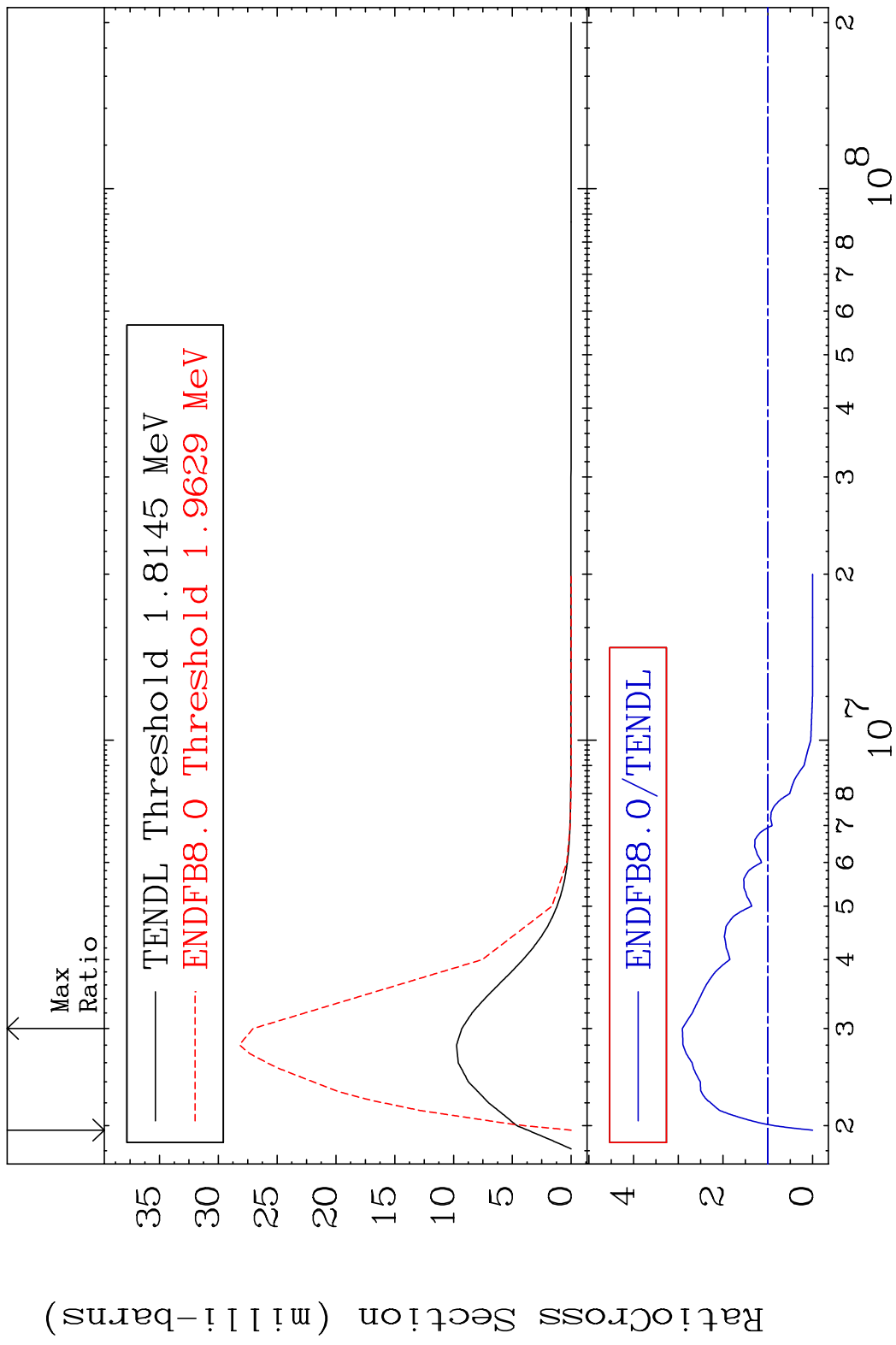
MAT 5137 MT= 62 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 97.43 %



MAT 5137 MT= 63 (n,n') Level 51-Sb-125  
 Cross Section -100.0 To 229.7 %

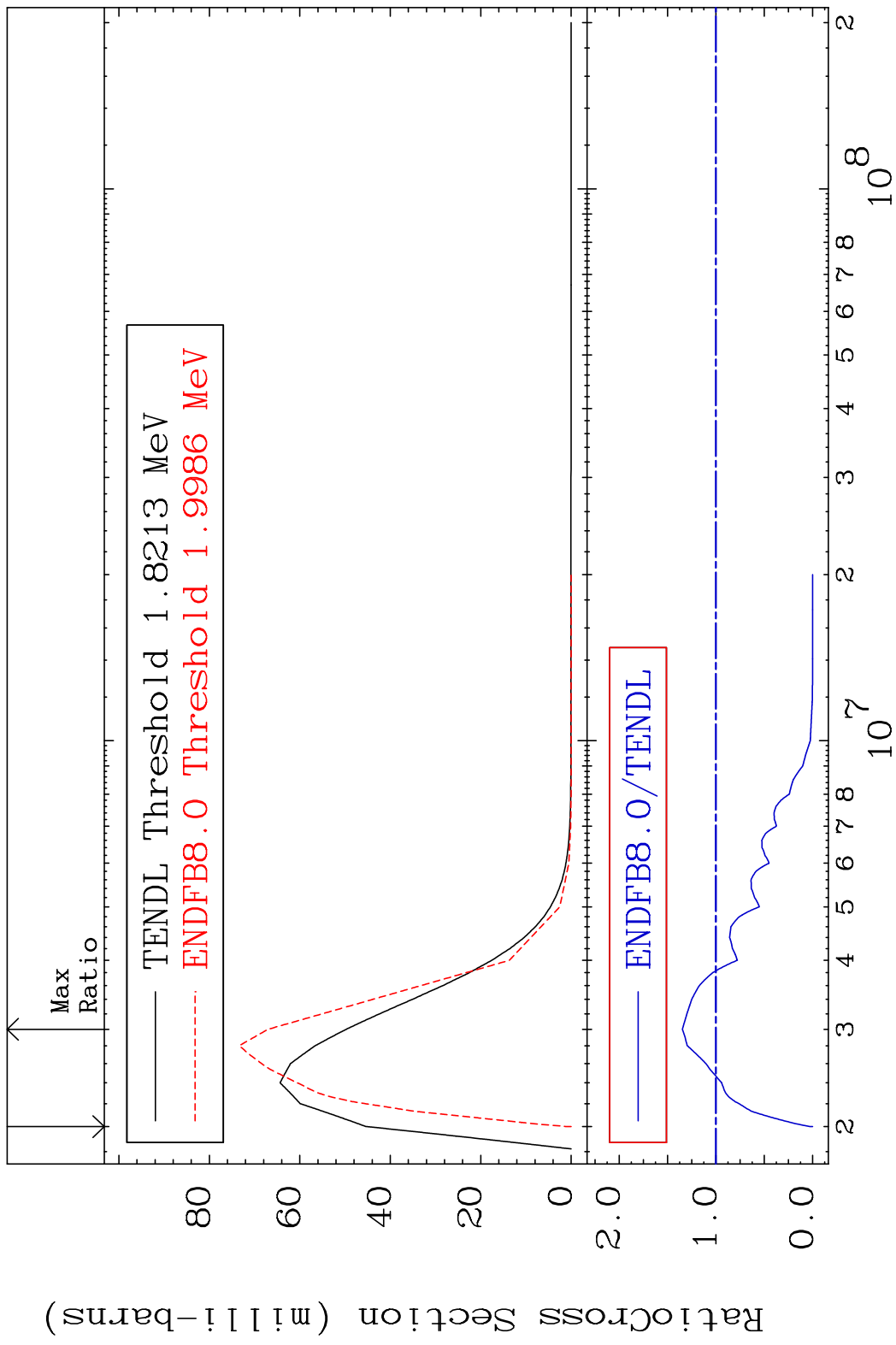


MAT 5137 MT= 64 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 190.9 %

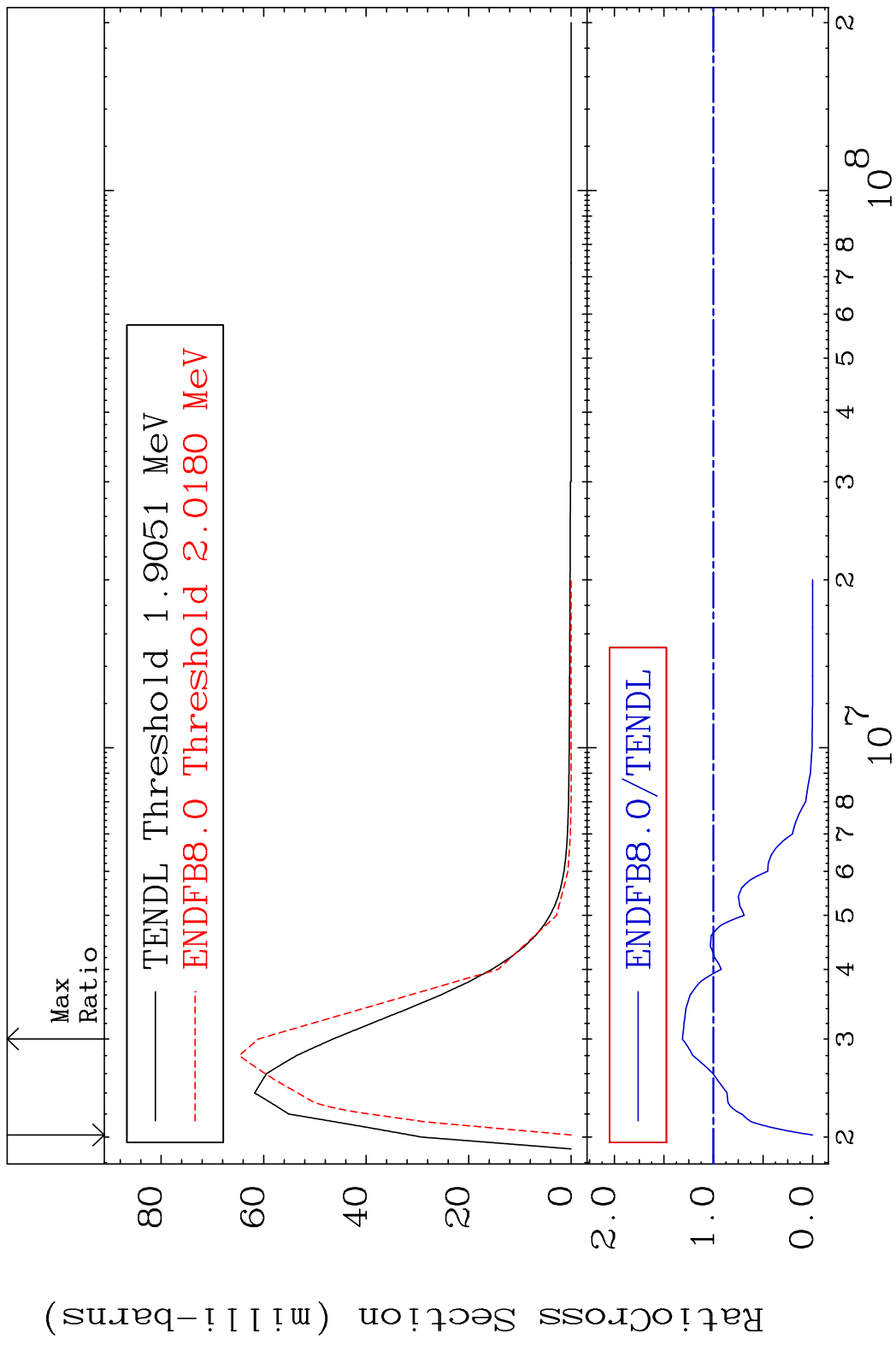




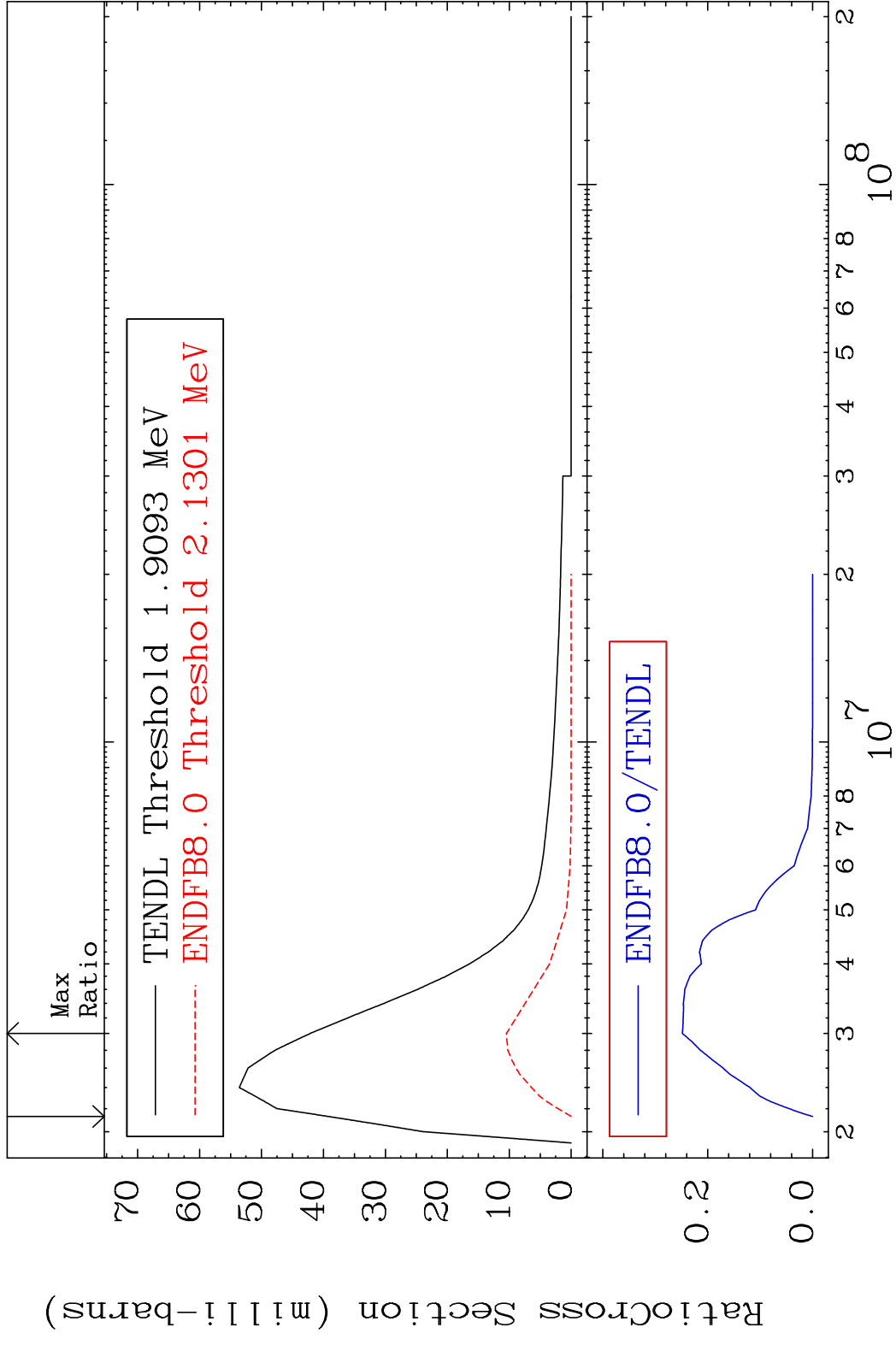
MAT 5137 MT= 65 (n,n') Level 51-Sb-125  
 Cross Section -100.0 To 34.72 %



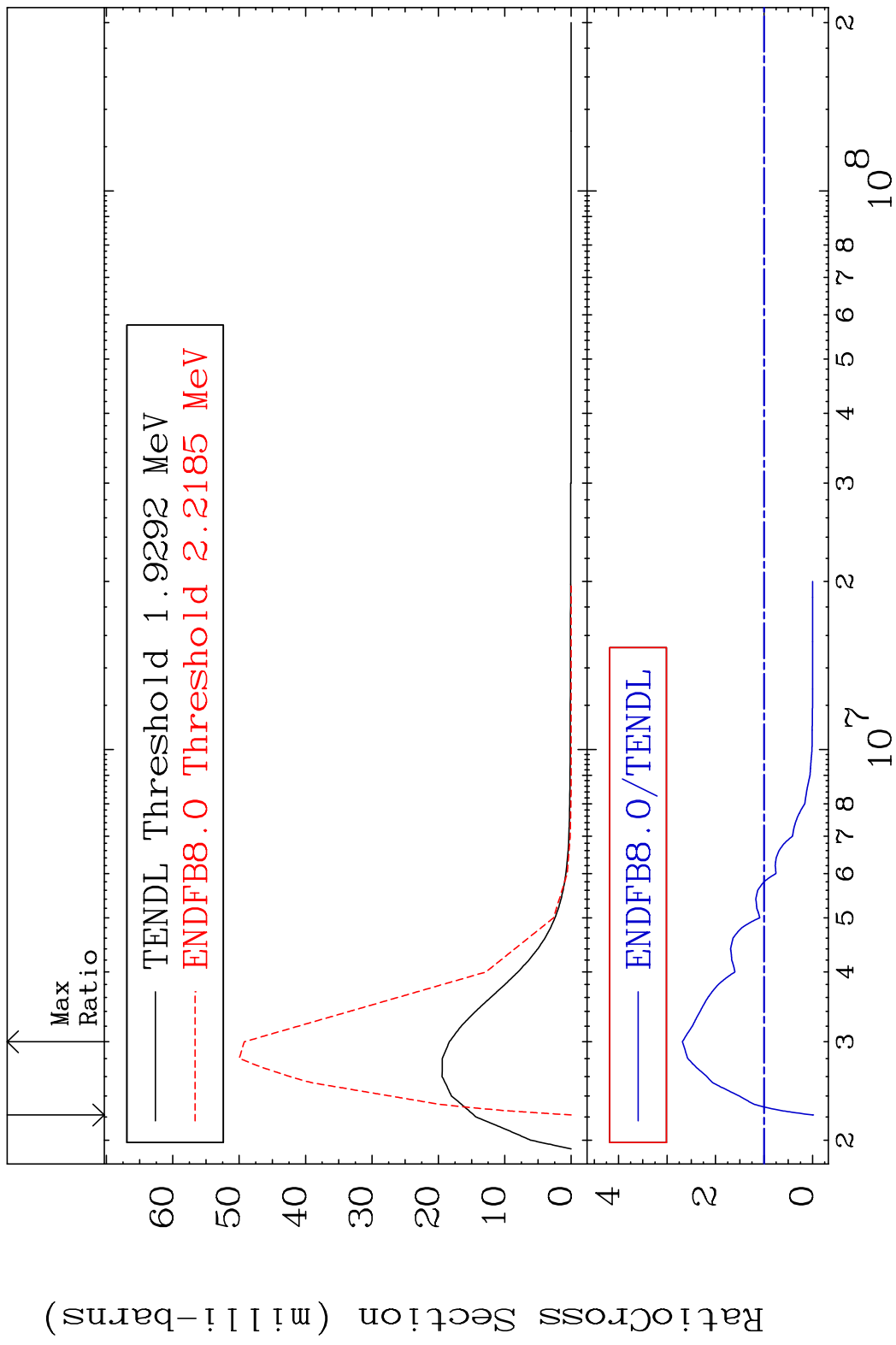
MAT 5137 MT= 66 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 31.44 %



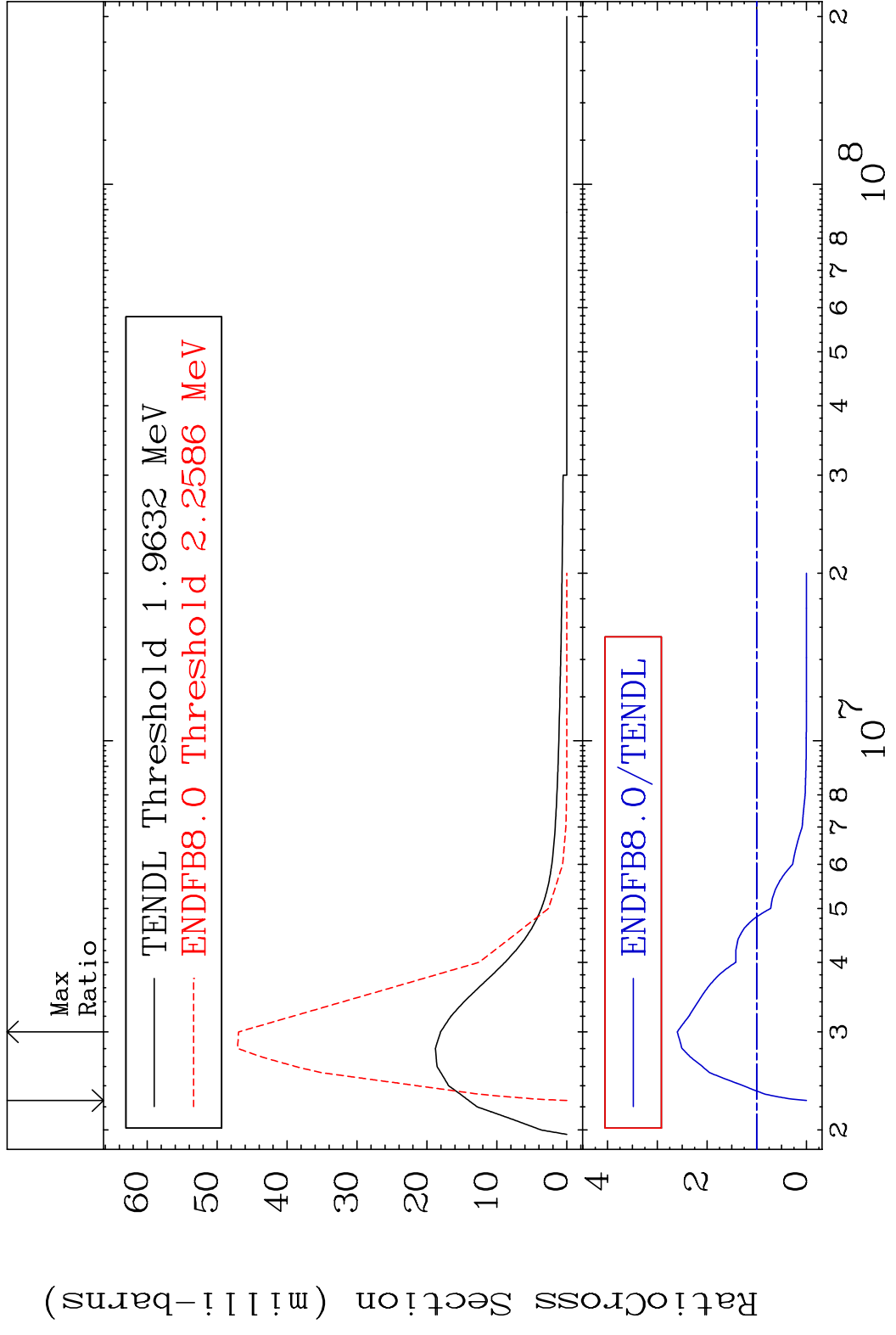
MAT 5137 MT= 67 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To -75.18%



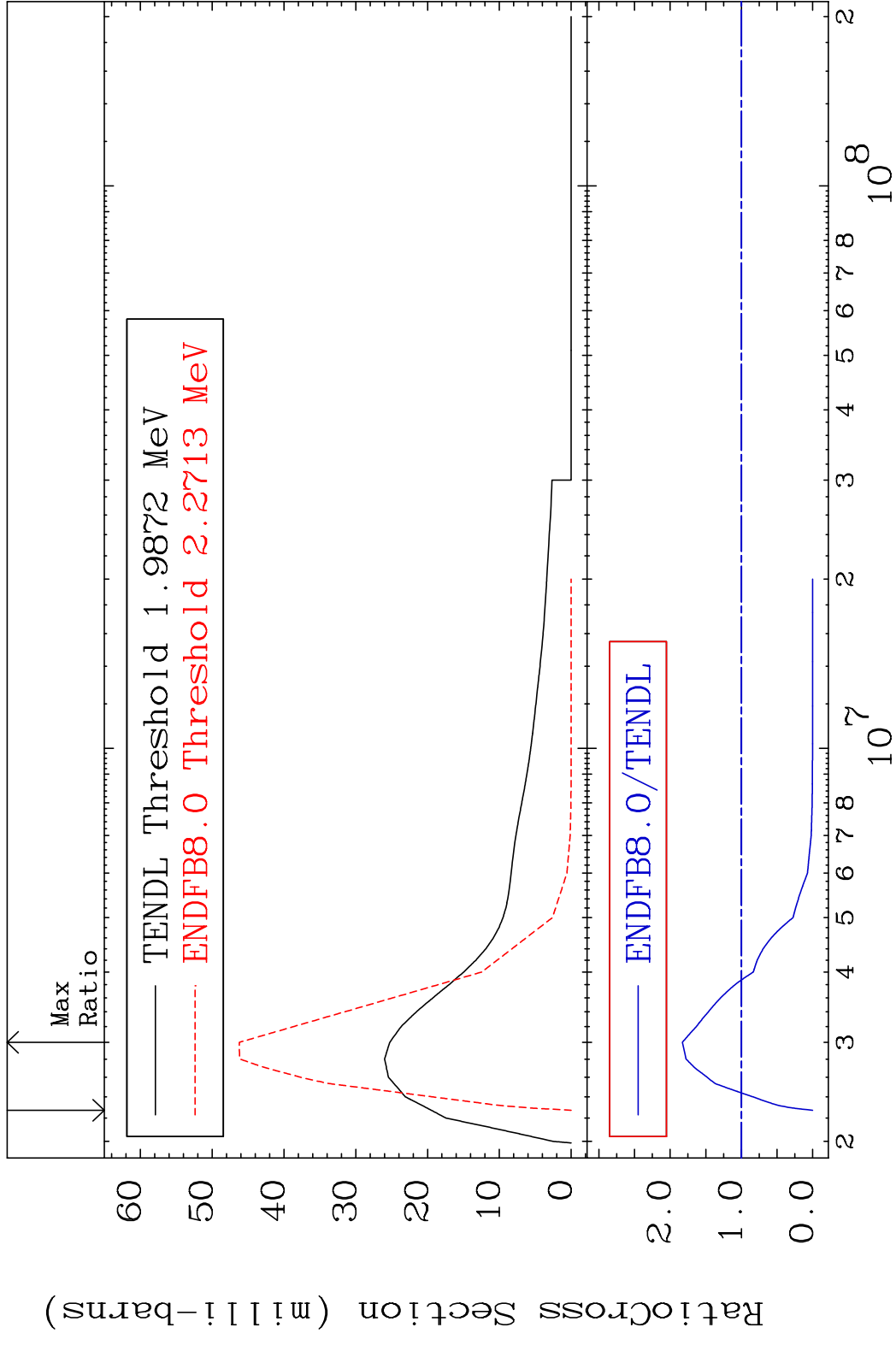
MAT 5137 MT= 68 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 168.5 %



MAT 5137 MT= 69 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 160.0 %



MAT 5137 MT= 70 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 82.89 %

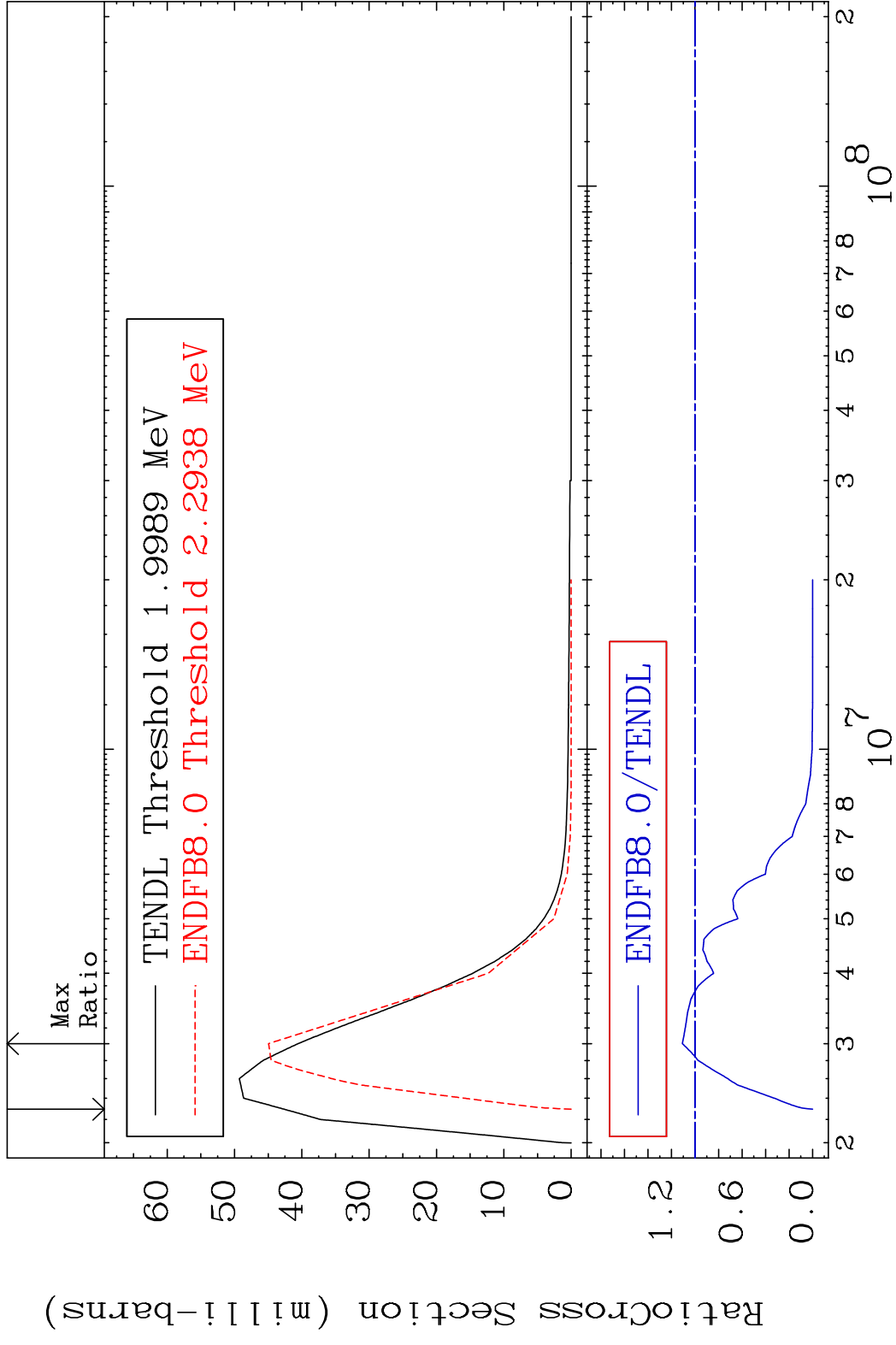


MAT 5137

MT= 71 (n, n') Level

51-Sb-125

Cross Section -100.0 To 10.79 %

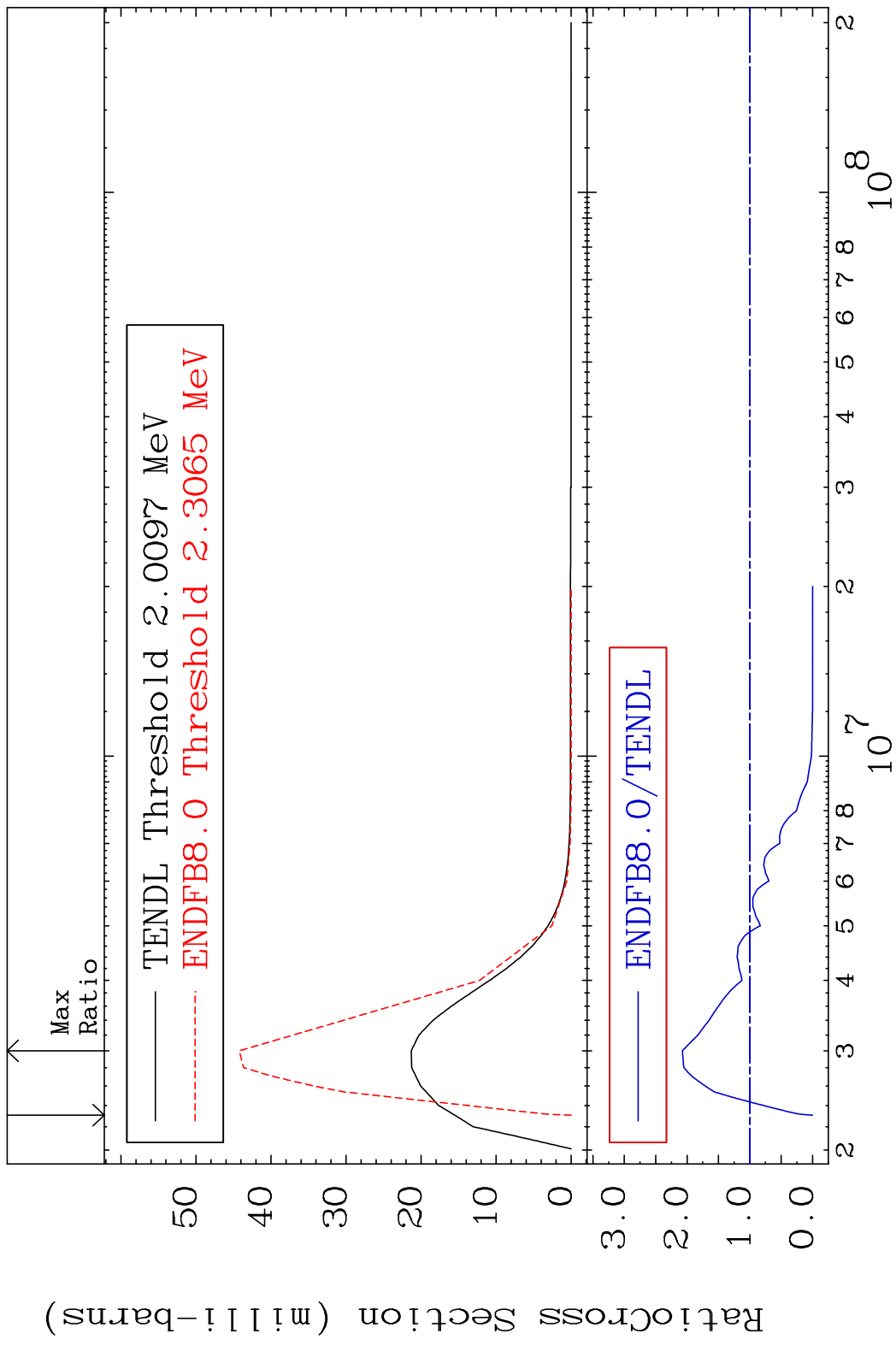


30

Incident Energy (eV)

51-Sb-125

MAT 5137 MT= 72 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To 107.5 %



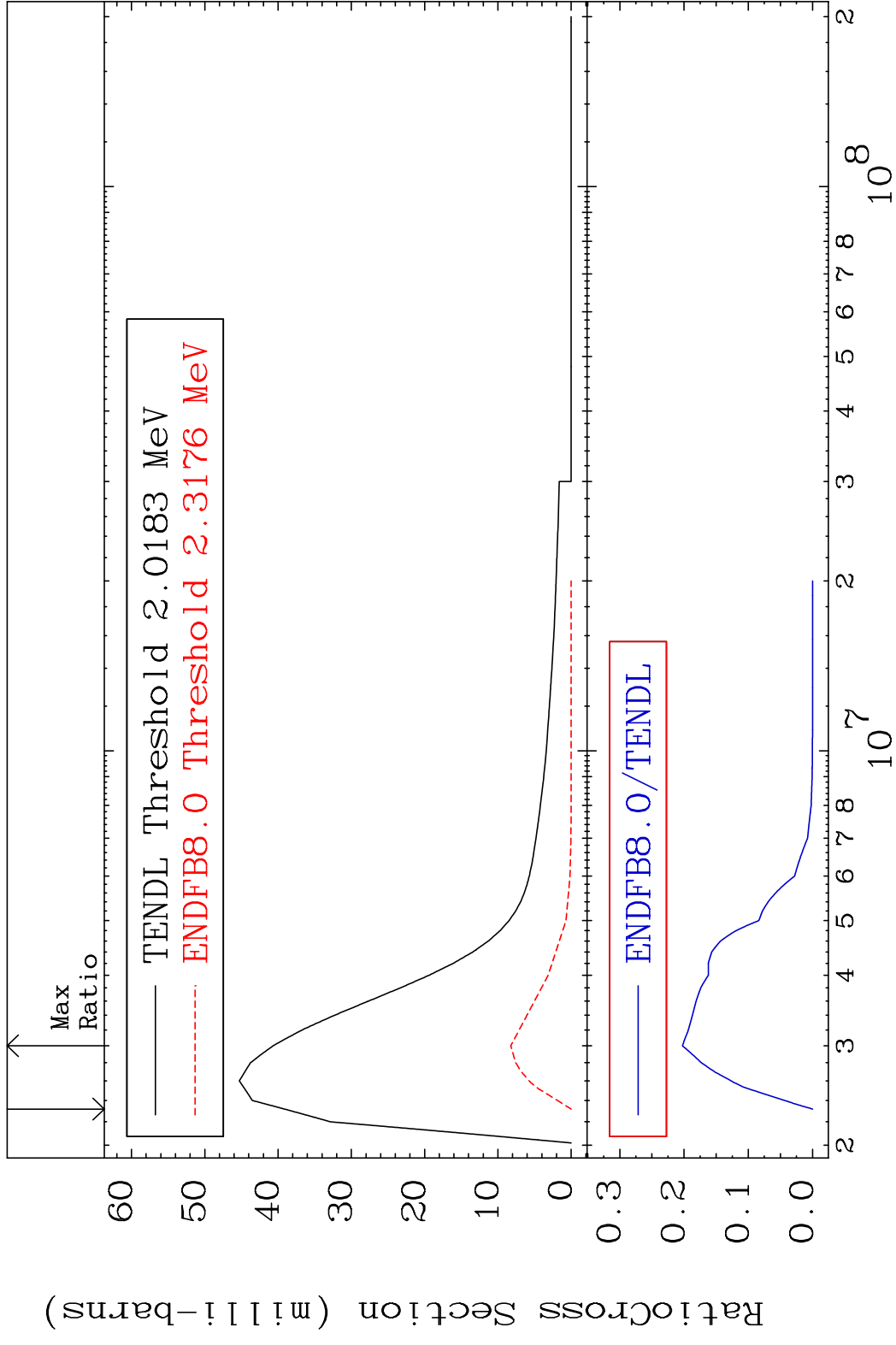


MAT 5137

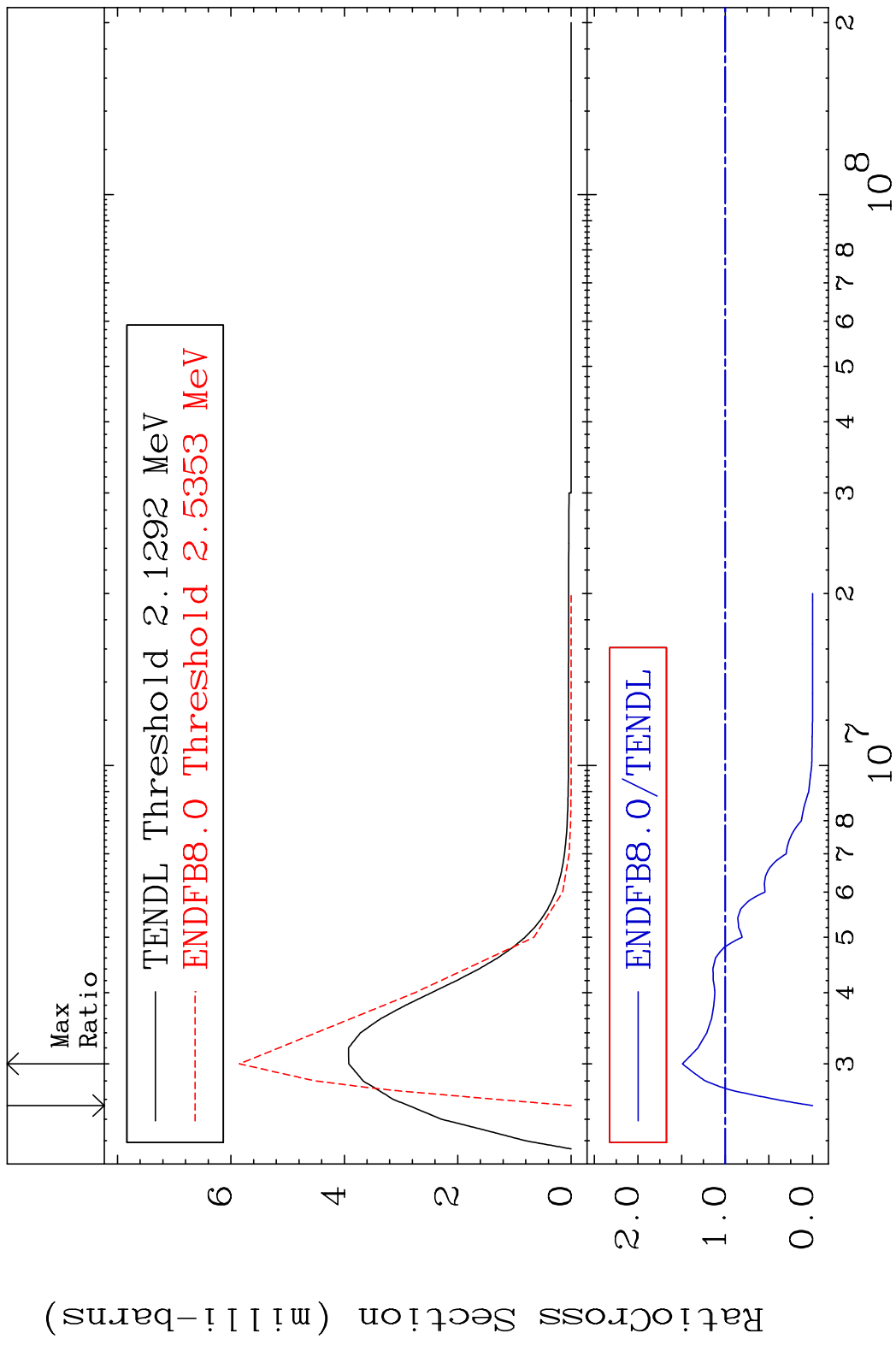
MT= 73 (n, n') Level

51-Sb-125

Cross Section -100.0 To -79.74%



MAT 5137 MT= 74 (n,n') Level 51-Sb-125  
 Cross Section -100.0 To 49.16 %

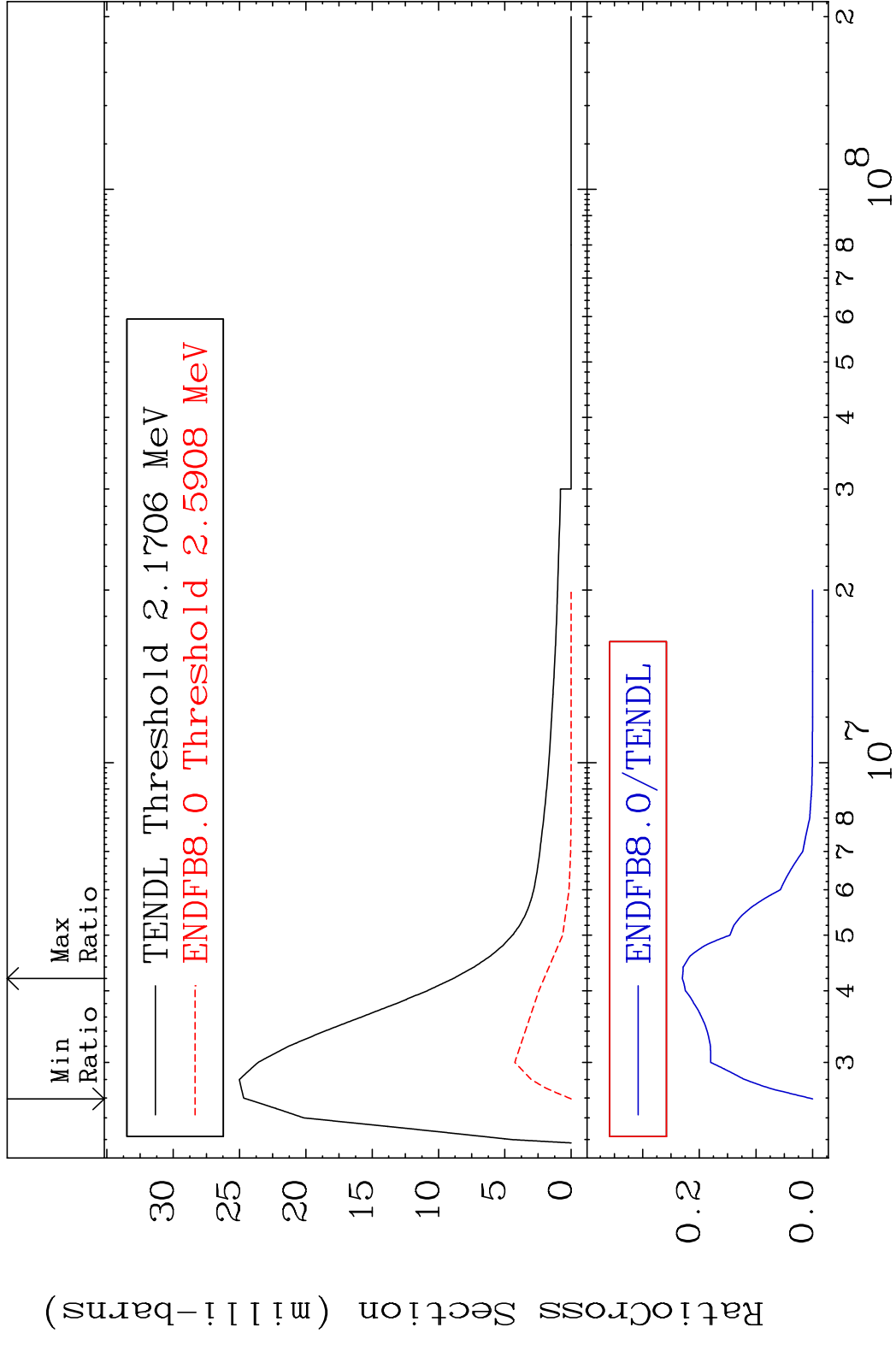


MAT 5137

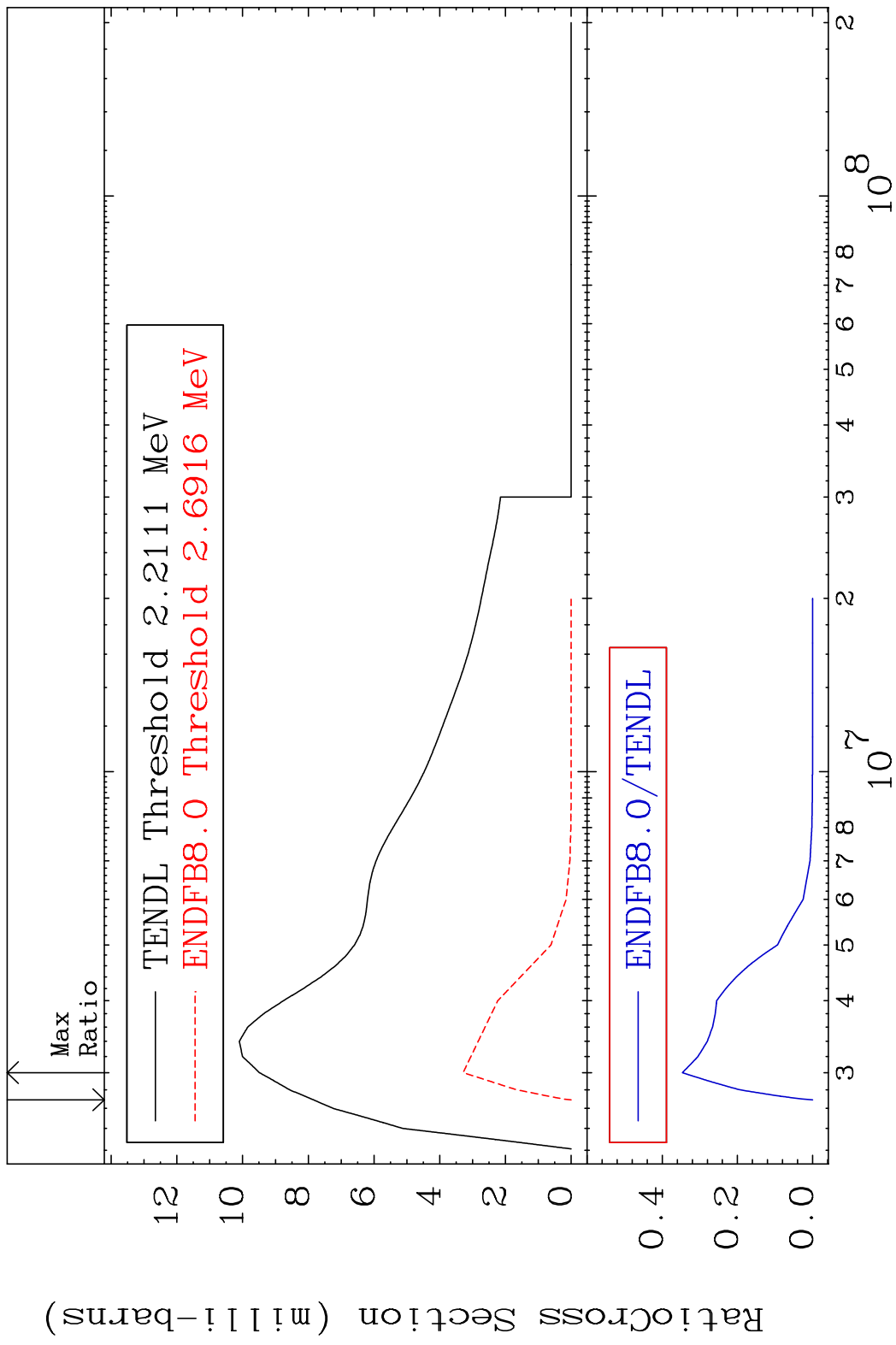
MT= 75 (n, n') Level

51-Sb-125

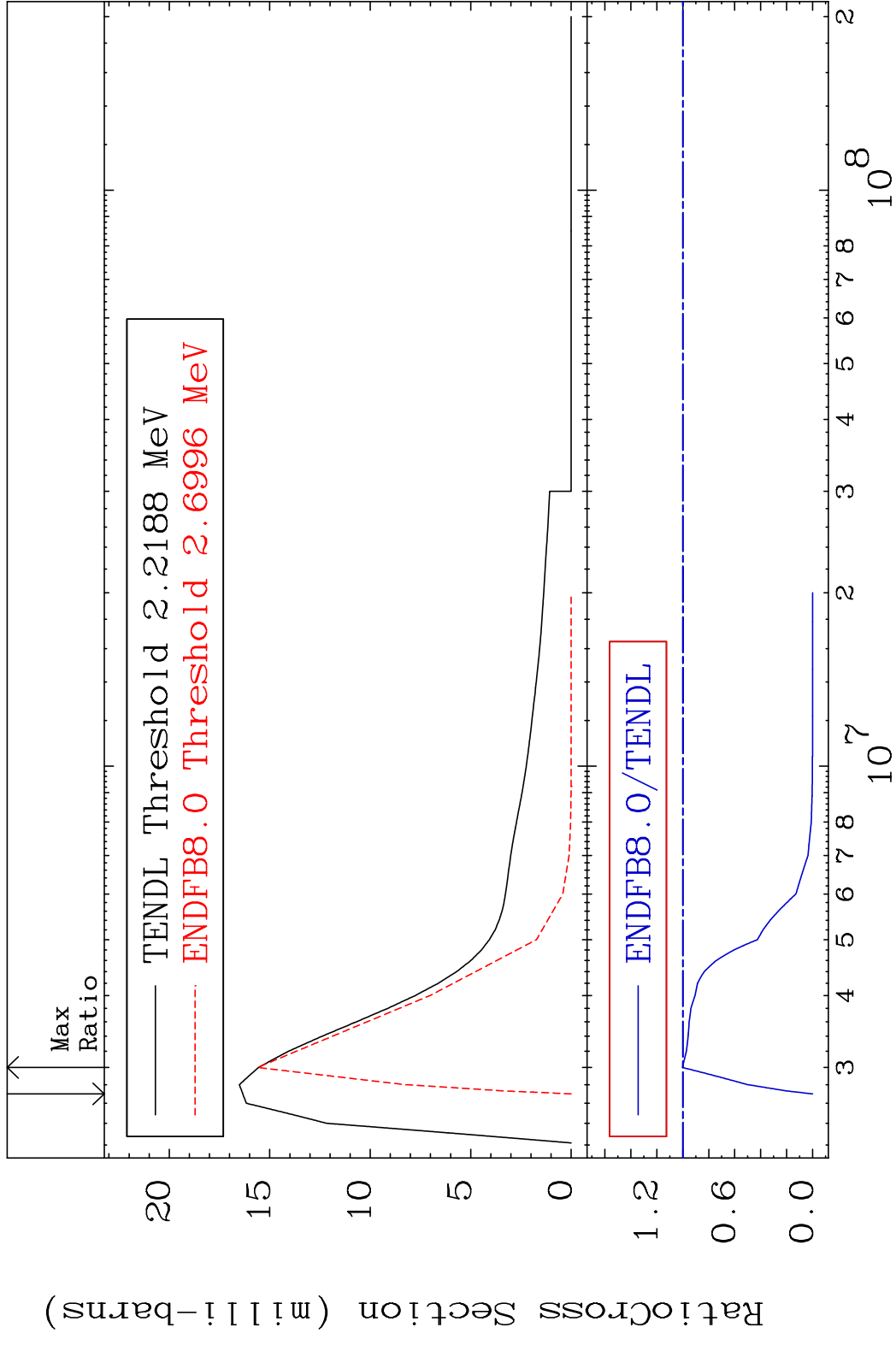
Cross Section -100.0 To -77.00%



MAT 5137 MT= 76 (n, n') Level 51-Sb-125  
 Cross Section -100.0 To -65.34%



MAT 5137 MT= 77 (n,n') Level 51-Sb-125  
 Cross Section -100.0 To 0.332 %

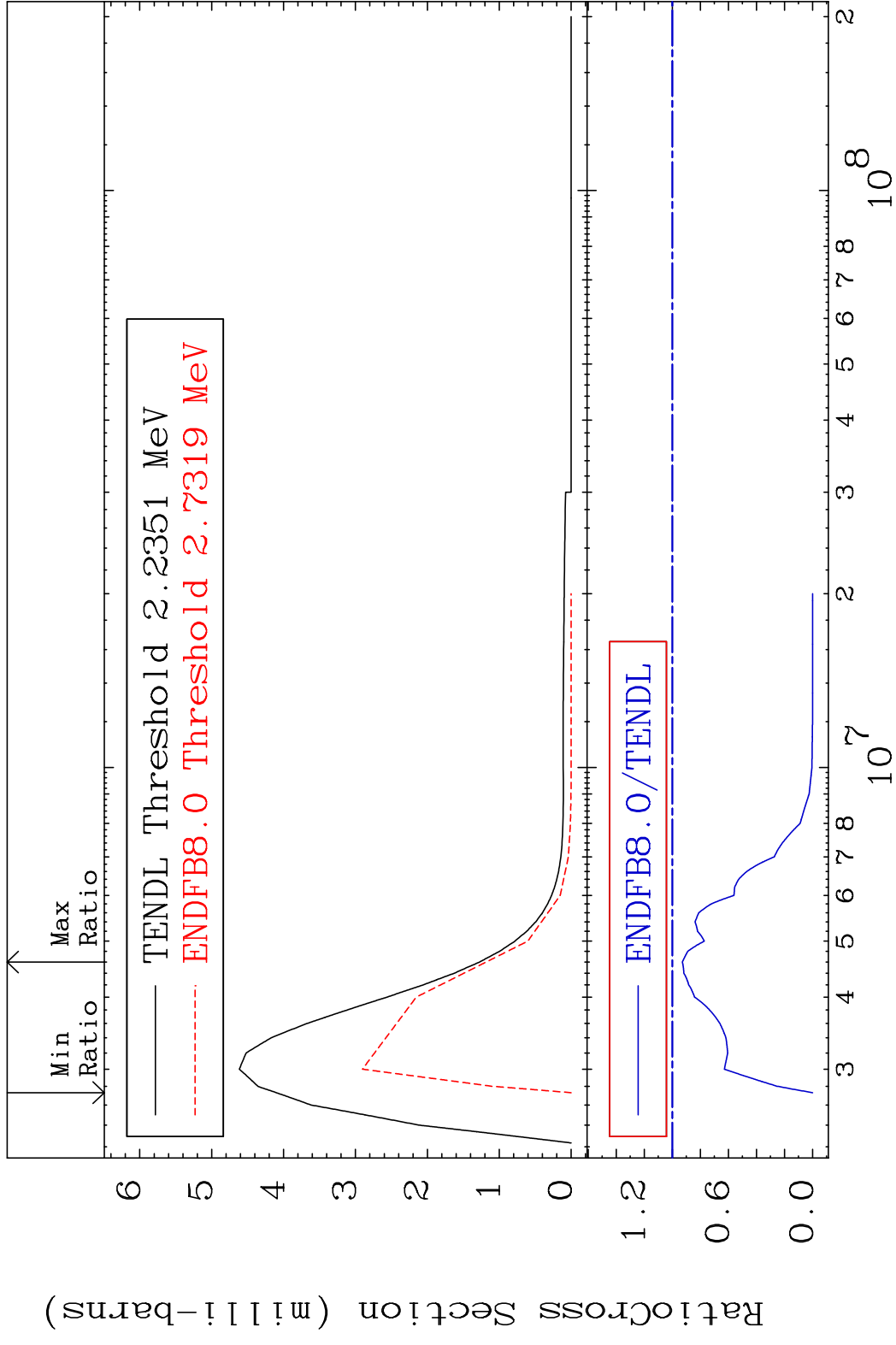


MAT 5137

MT= 78 (n,n') Level

51-Sb-125

Cross Section -100.0 To -7.150%

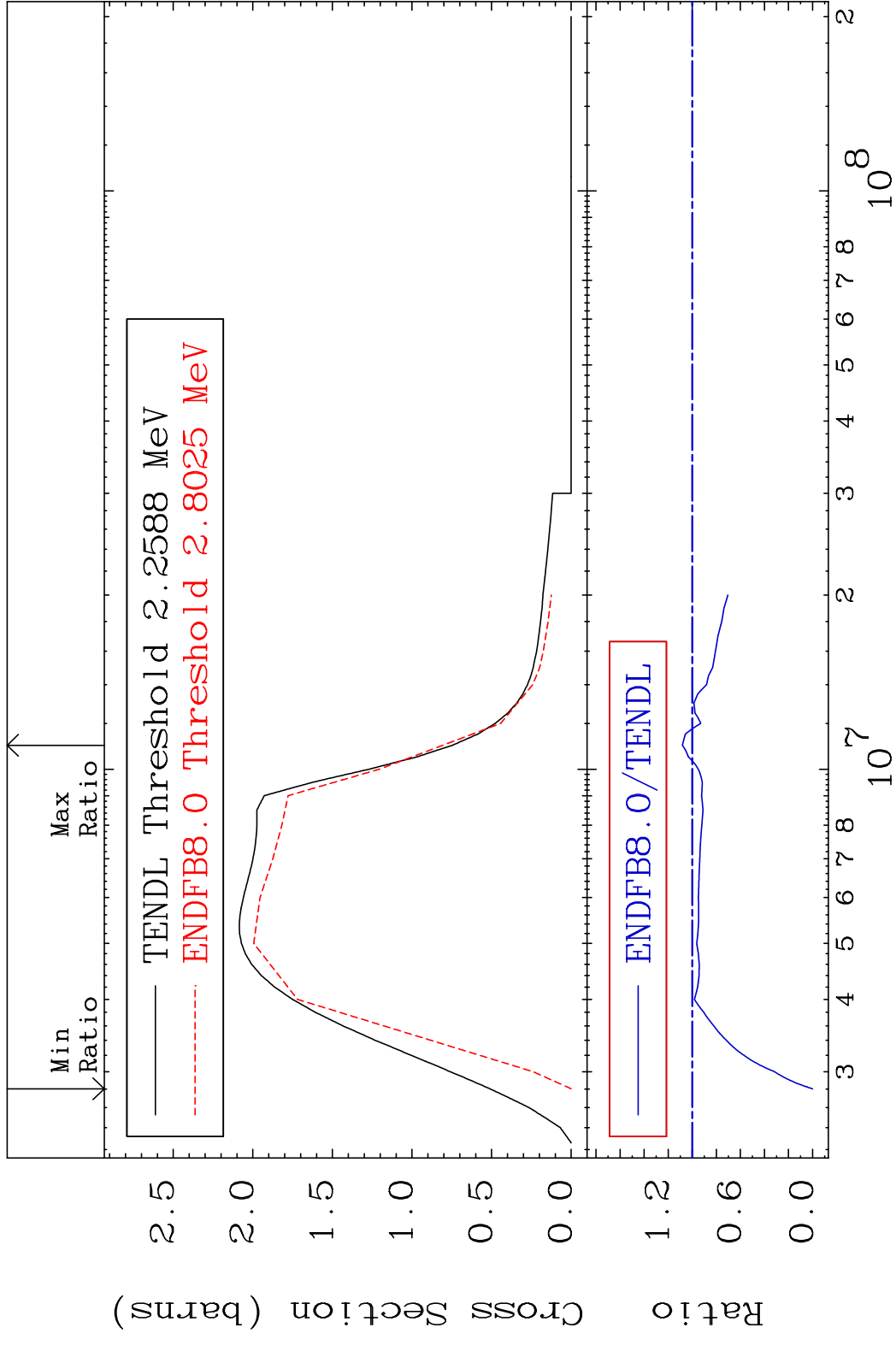


MAT 5137

(n, n') Continuum

51-Sb-125

Cross Section -100.0 To 8.234 %

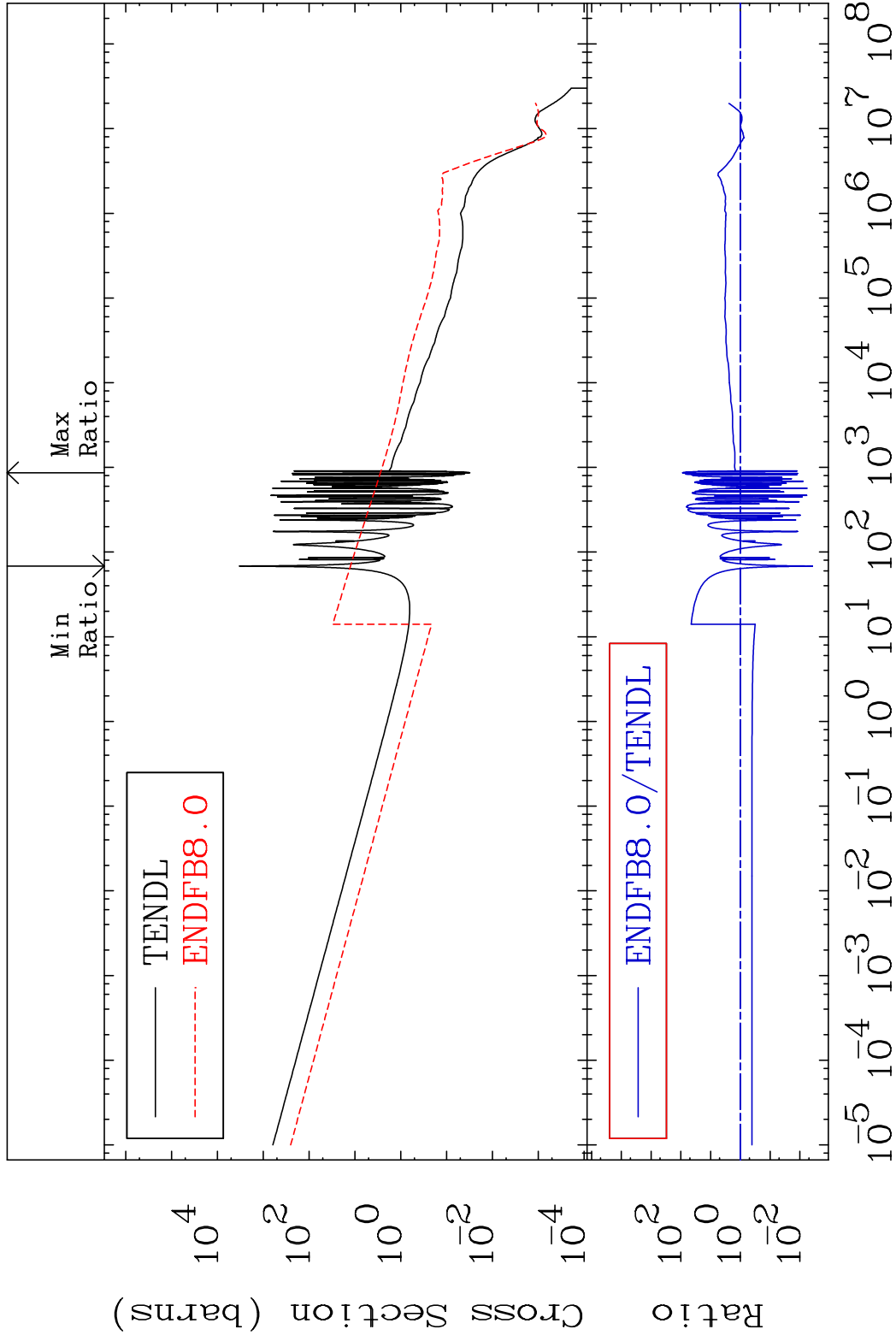


MAT 5137

(n,  $\gamma$ )

51-Sb-125

Cross Section -99.62 To 8827. %



39

Incident Energy (eV)

51-Sb-125

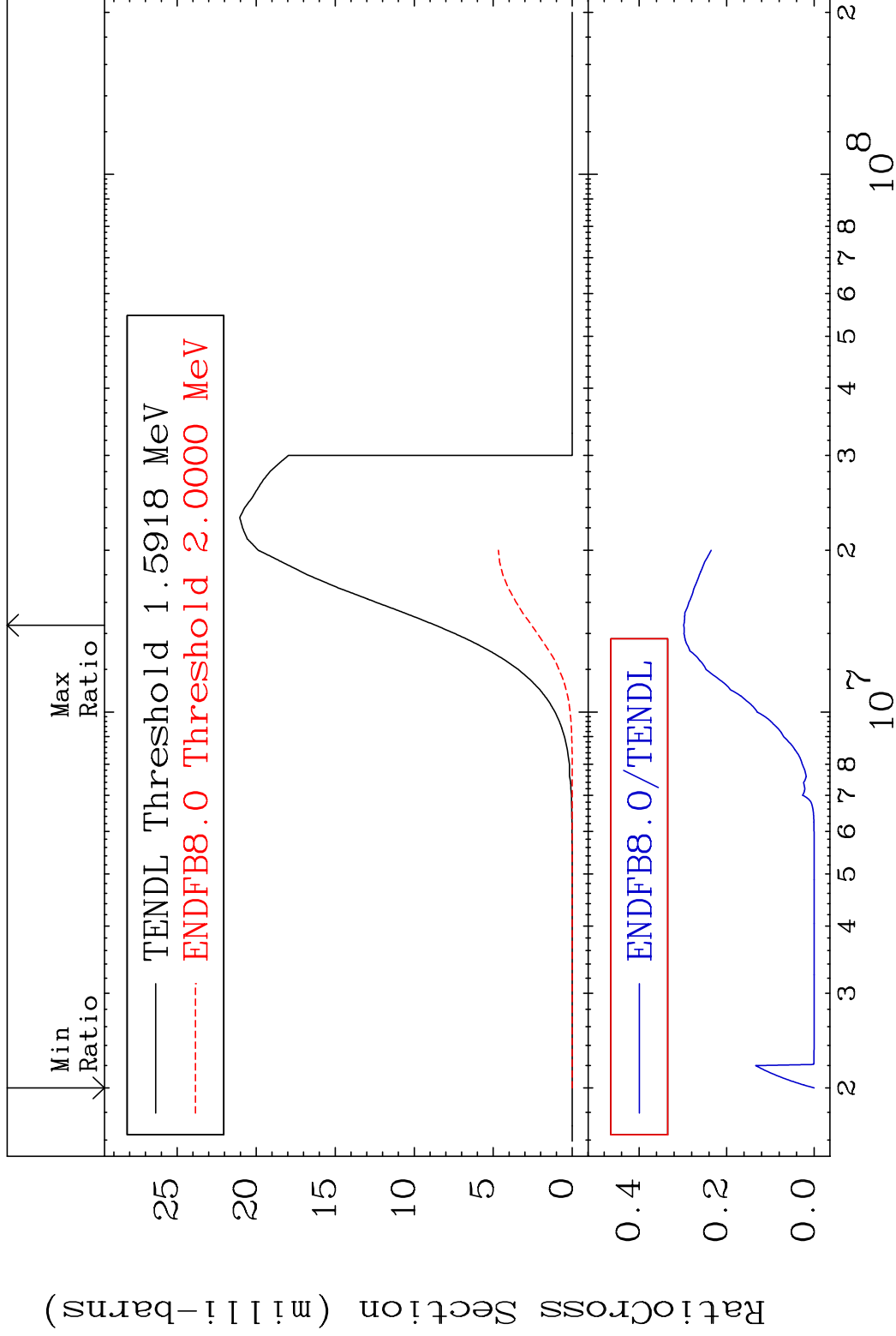


MAT 5137

(n,p)

51-Sb-125

Cross Section -100.0 To -70.18%



40

Incident Energy (eV)

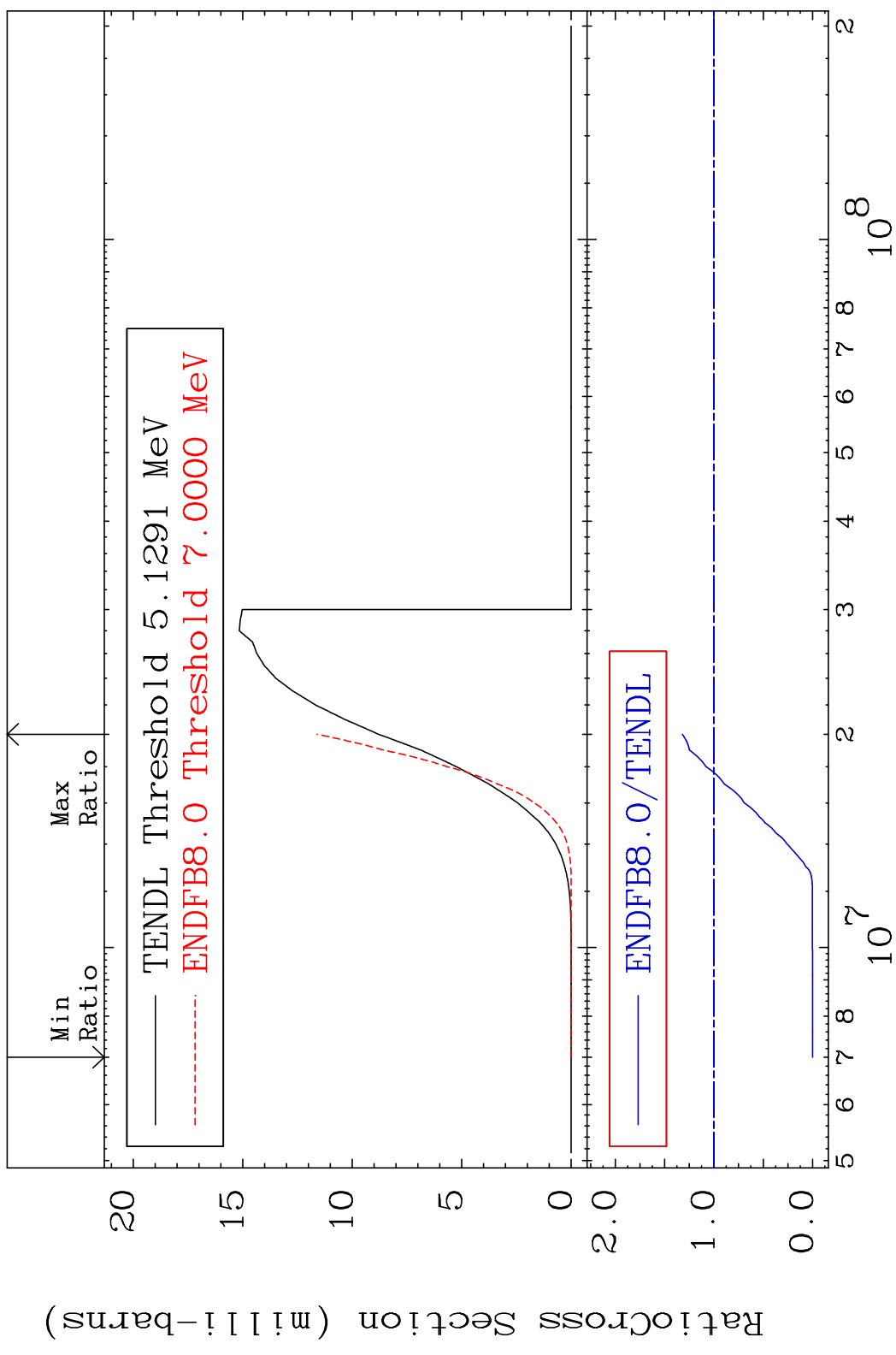
51-Sb-125

MAT 5137

(n,d)

51-Sb-125

Cross Section -100.0 To 32.01 %



41

Incident Energy (eV)

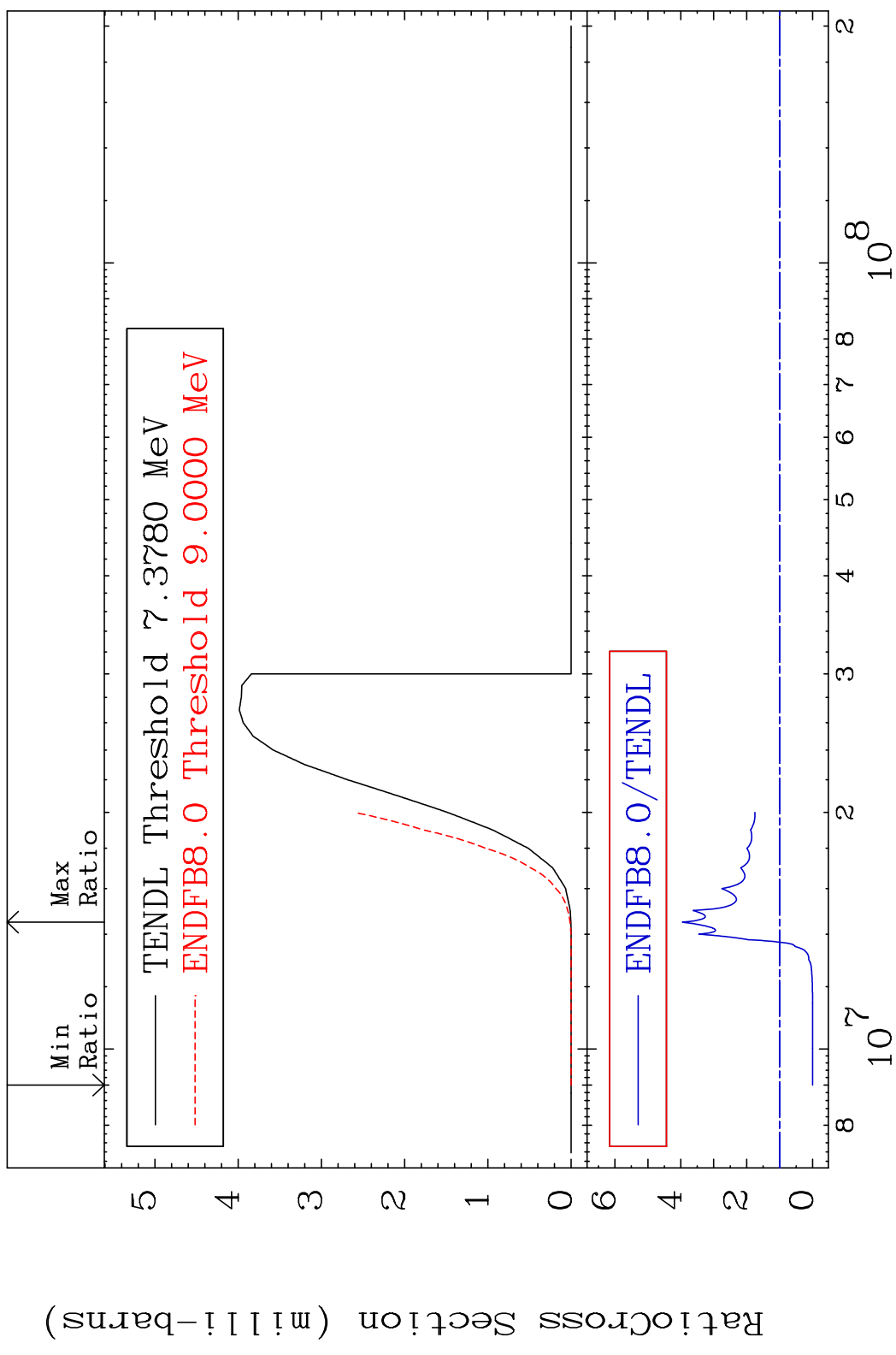
51-Sb-125

MAT 5137

(n, t)

51-Sb-125

Cross Section -100.0 To 295.2 %



42

Incident Energy (eV)

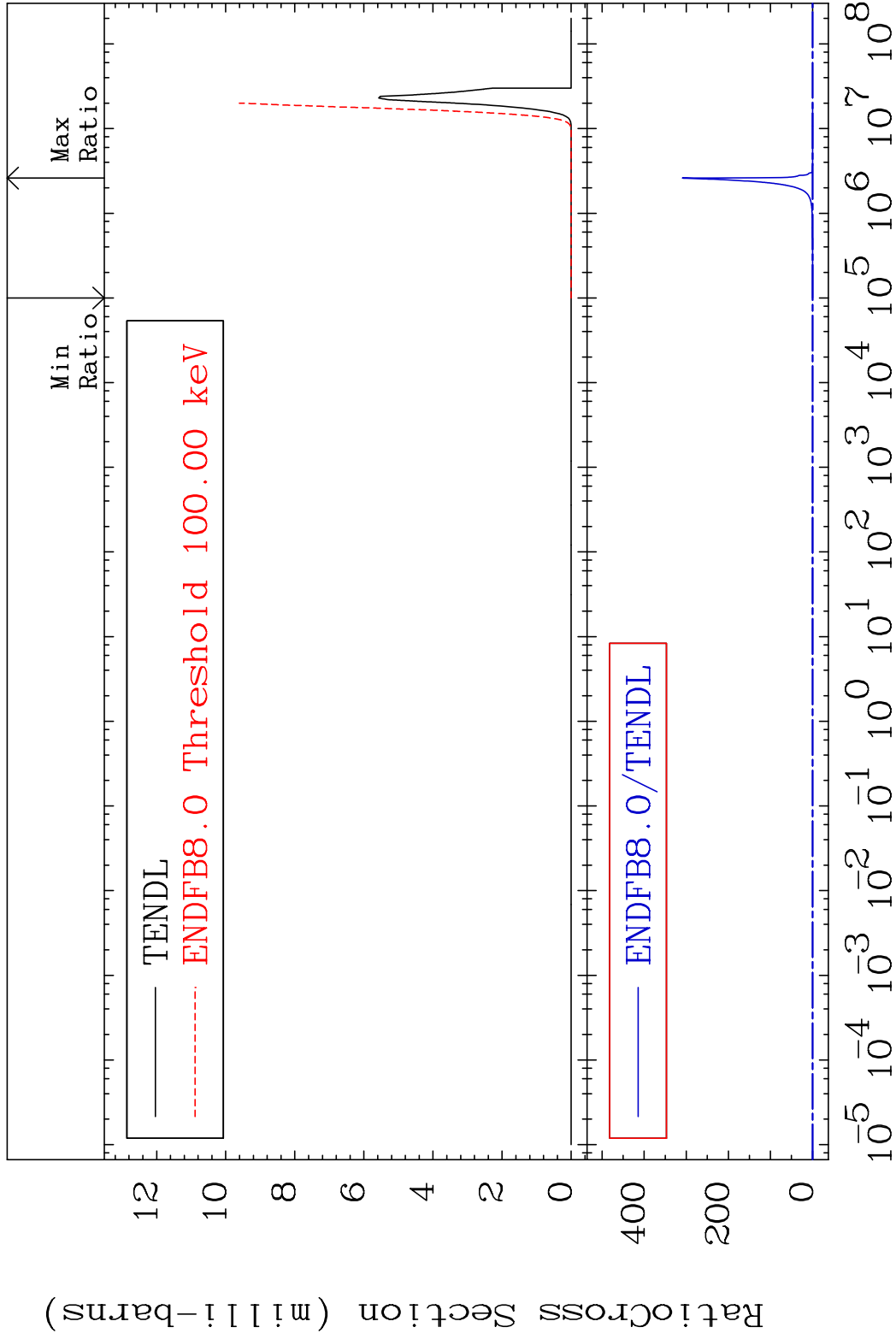
51-Sb-125

MAT 5137

(n,  $\alpha$ )

51-Sb-125

Cross Section -100.0 To 9999. %

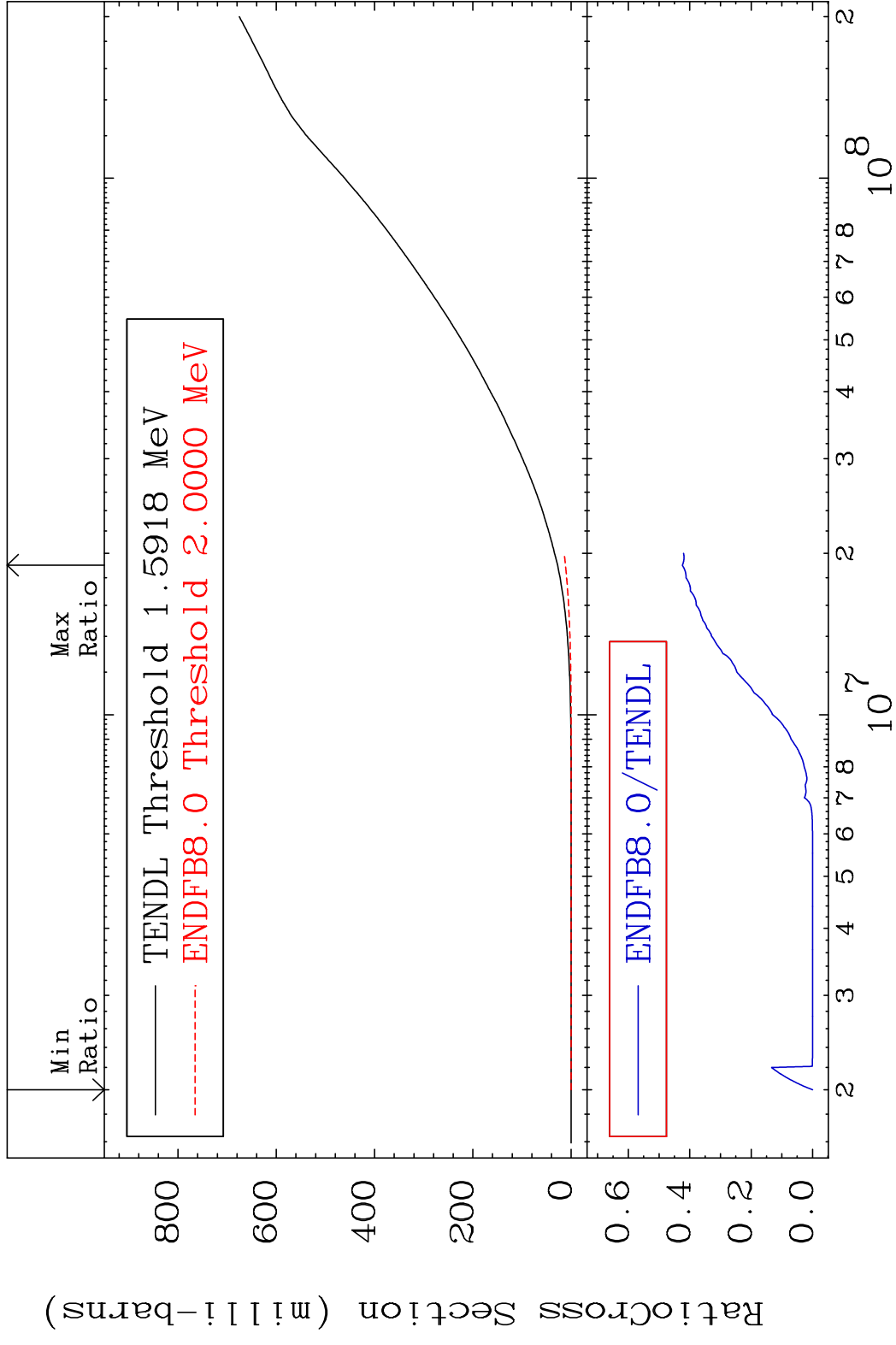


43

Incident Energy (eV)

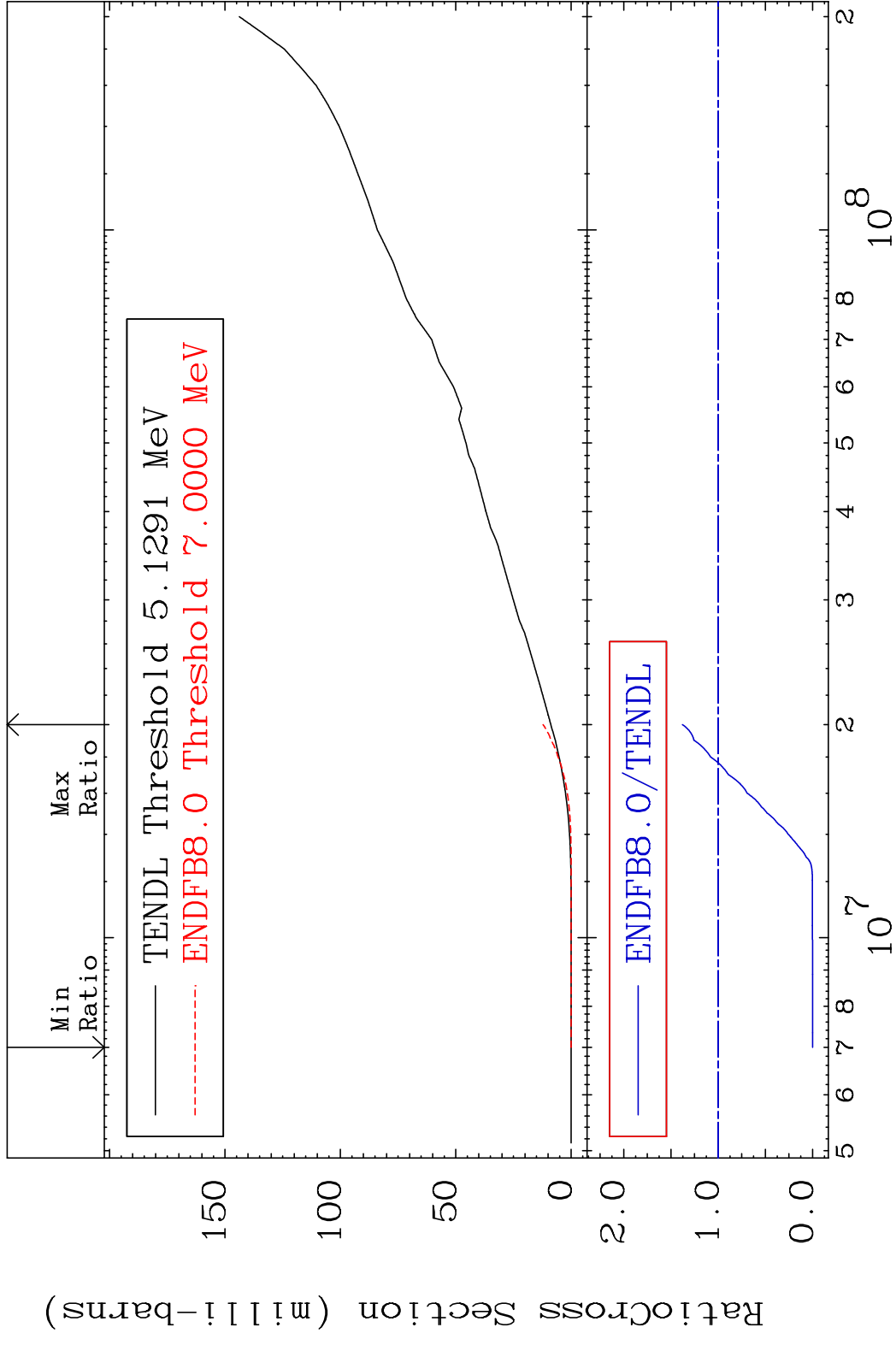
51-Sb-125

Cross Section -100.0 To -57.59%



MAT 5137

Deuterium Production 51-Sb-125  
Cross Section -100.0 To 37.93 %



45

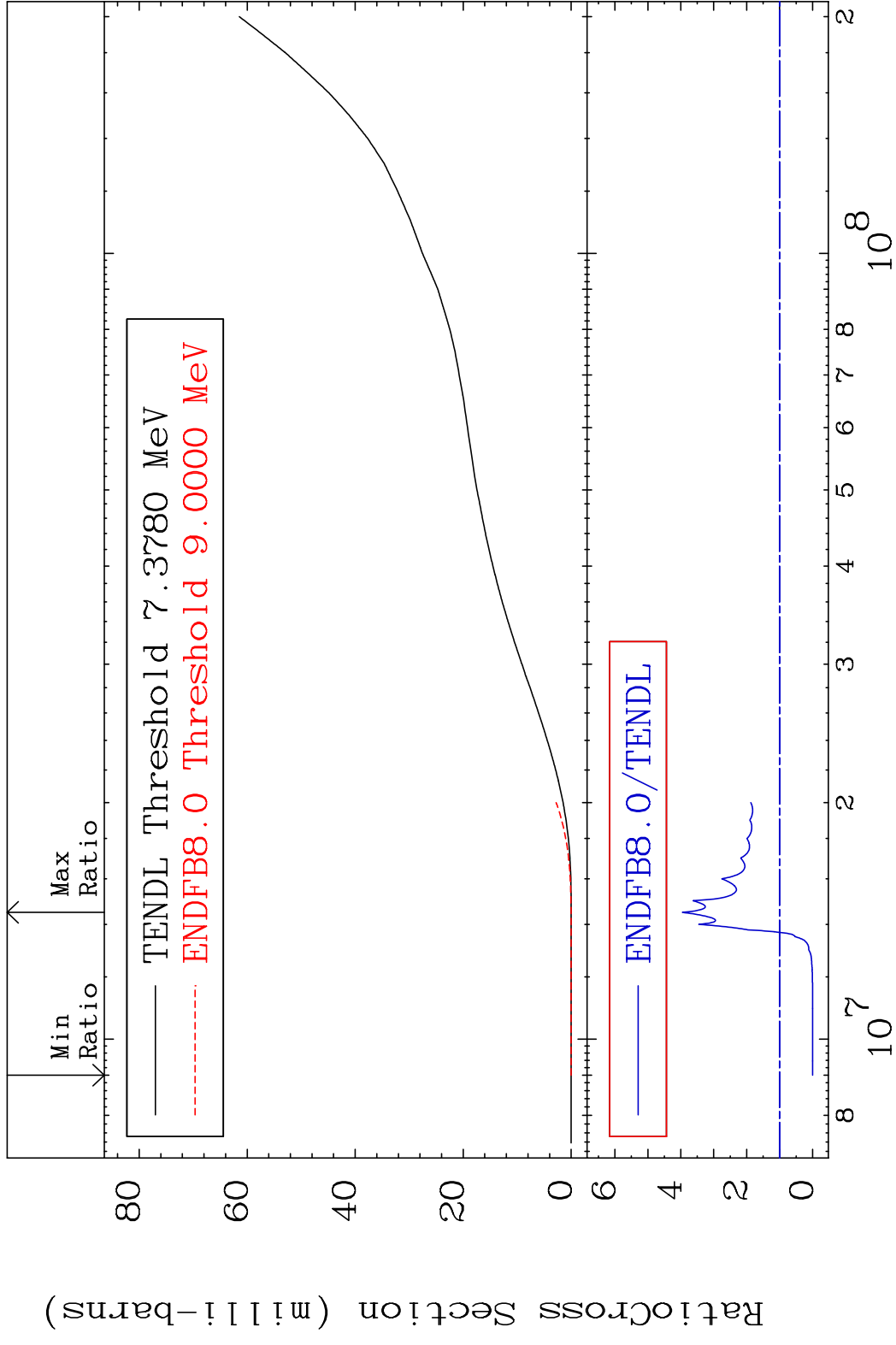
Incident Energy (eV)

51-Sb-125

MAT 5137

Tritium Production 51-Sb-125

Cross Section -100.0 To 295.2 %



46

Incident Energy (eV)

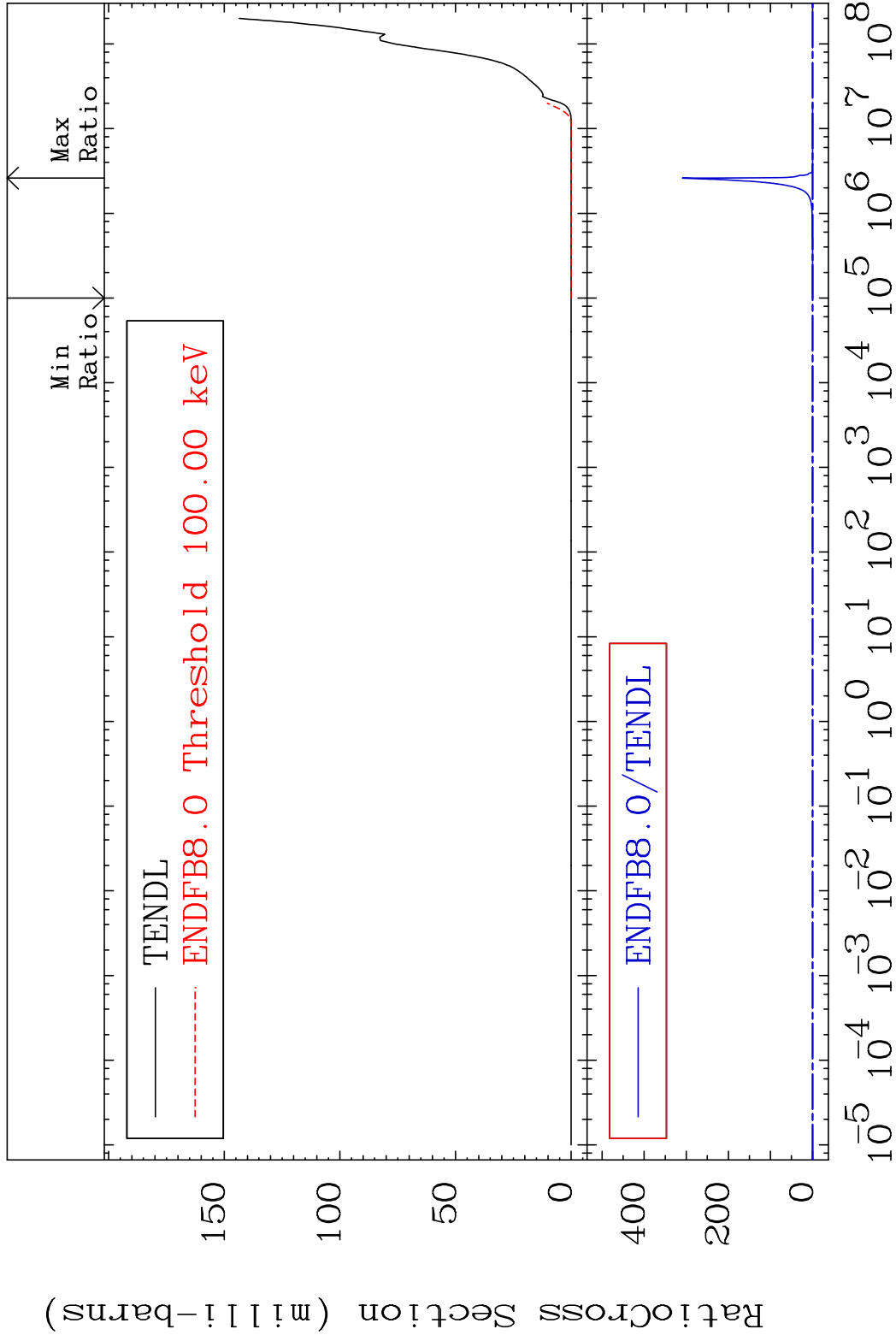
51-Sb-125

MAT 5137

He-4 Production

51-Sb-125

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

51-Sb-125

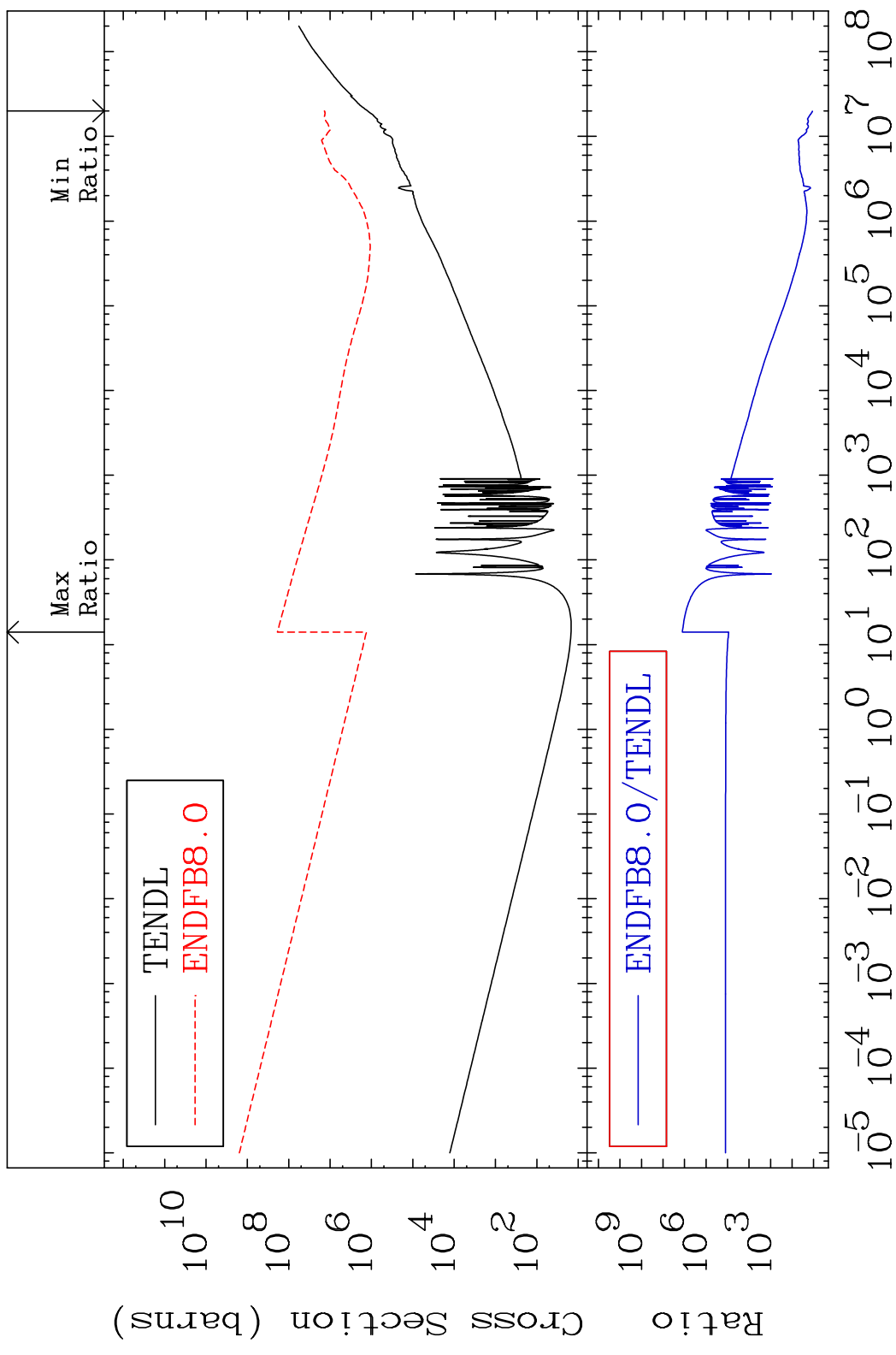


MAT 5137

Kerma total (eV-barns)

51-Sb-125

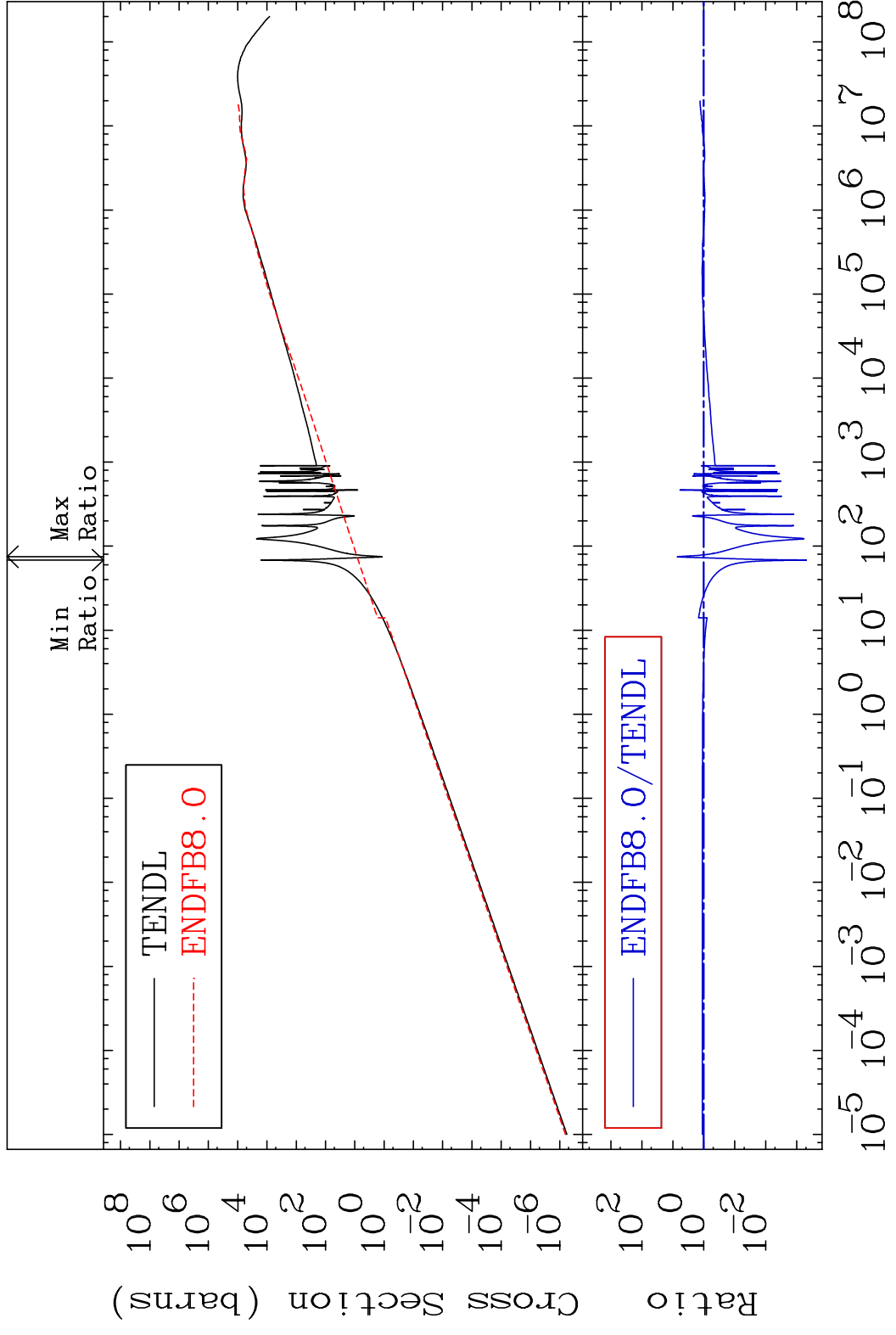
Cross Section 1017. To 9999. %



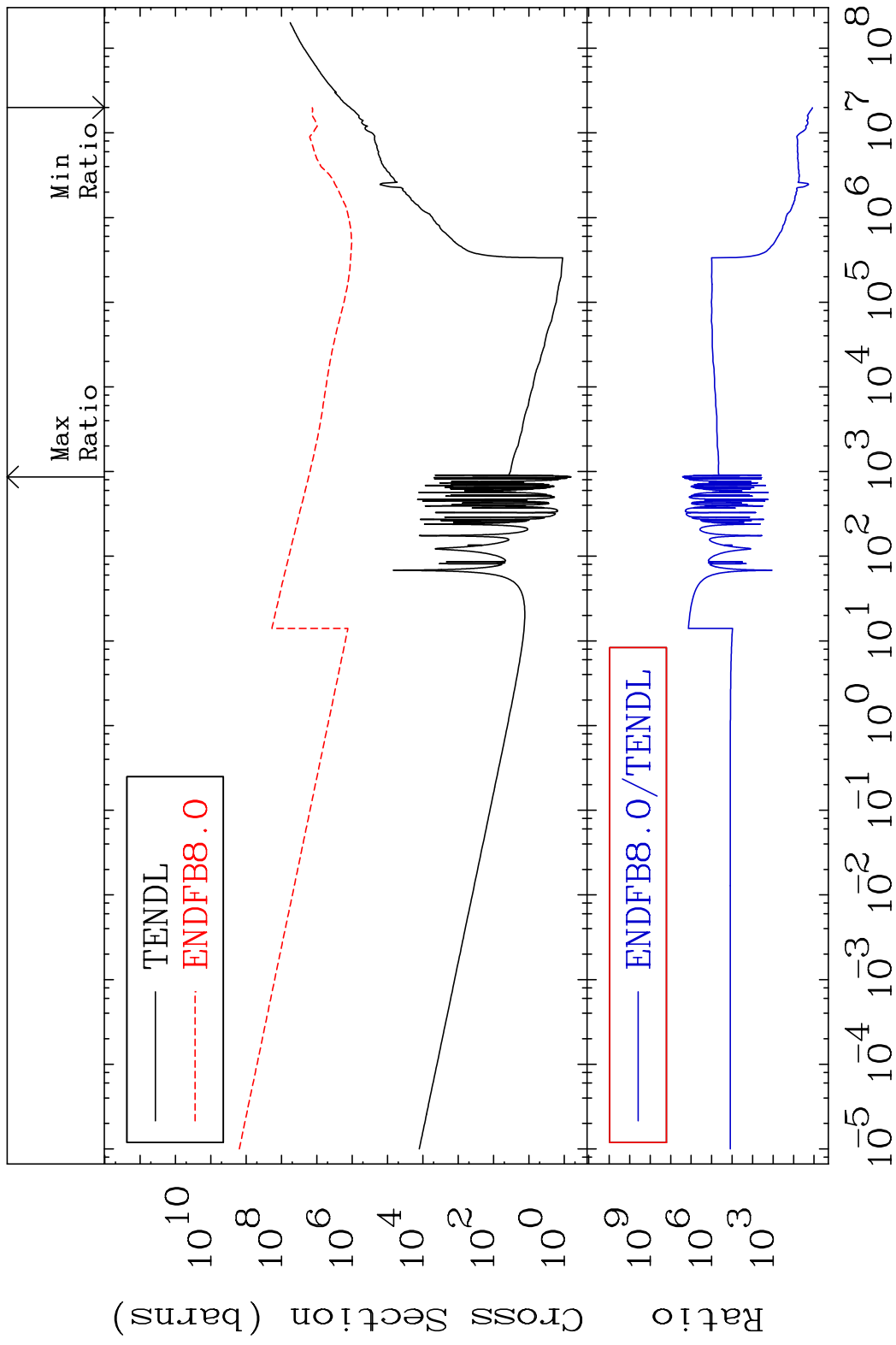
MAT 5137

Kerma elastic  
Cross Section

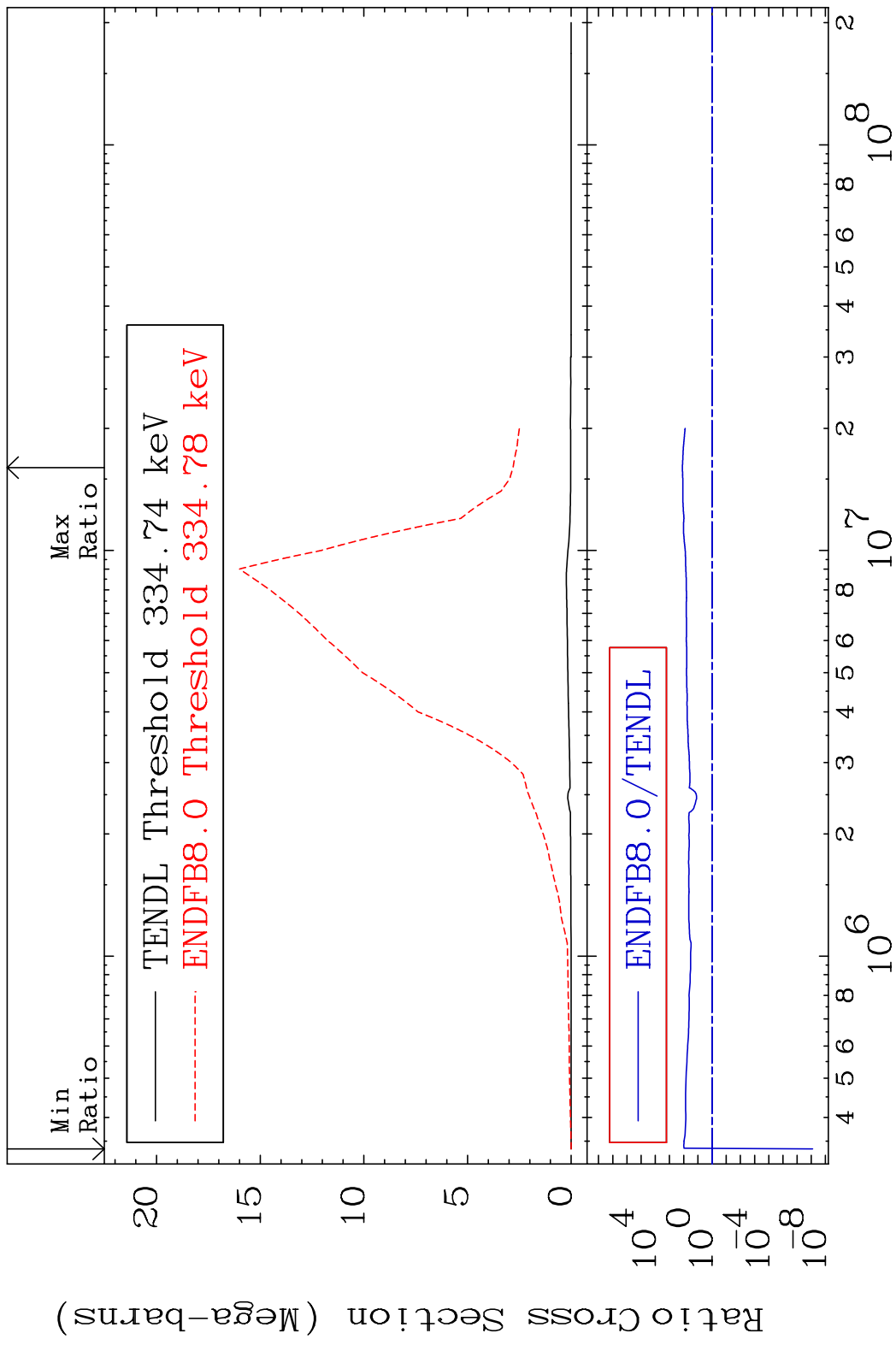
51-Sb-125  
-99.95 To 622.7 %



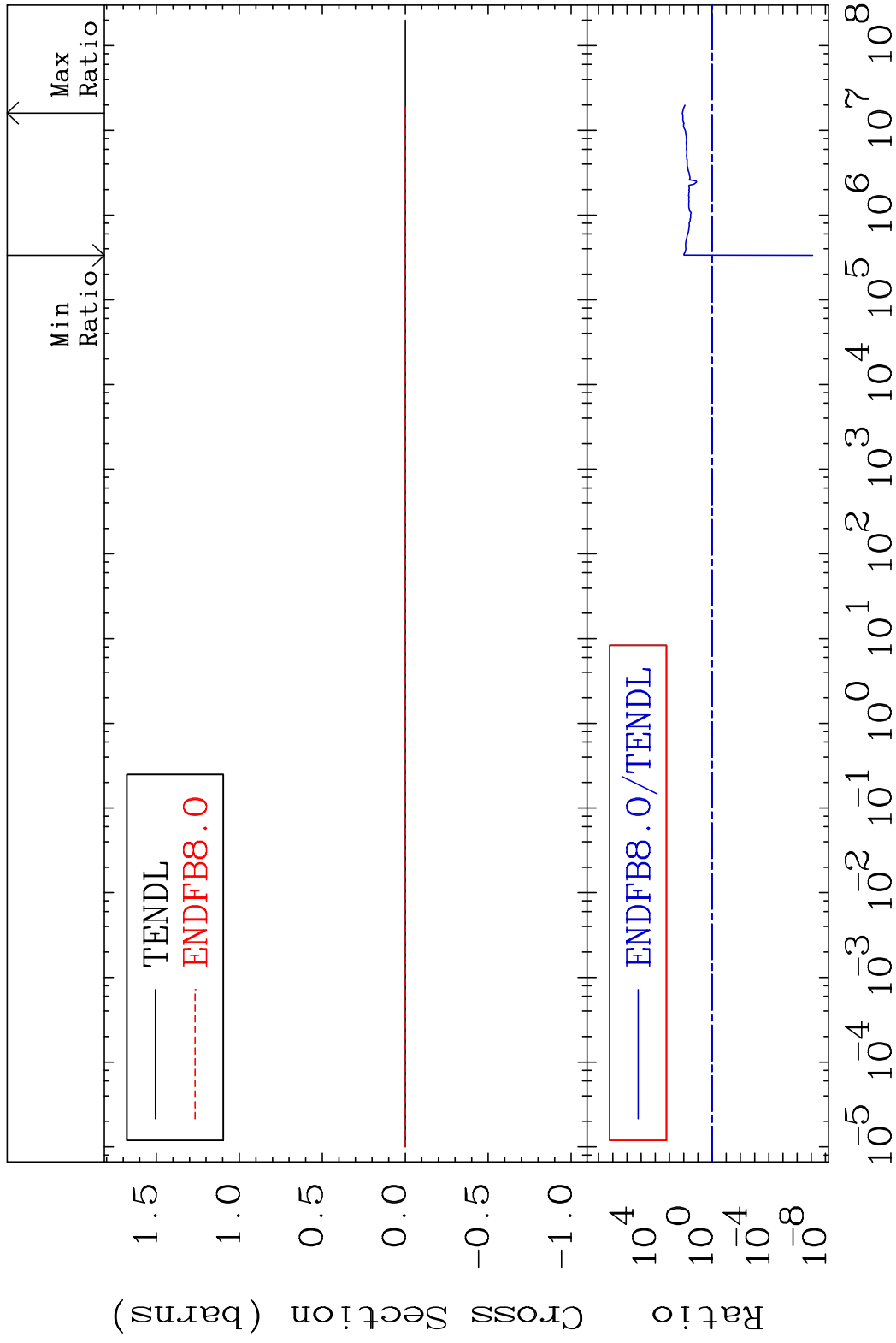
MAT 5137 Kerma non-elastic (all but mt2) 51-Sb-125  
 Cross Section 1083. To 9999. %

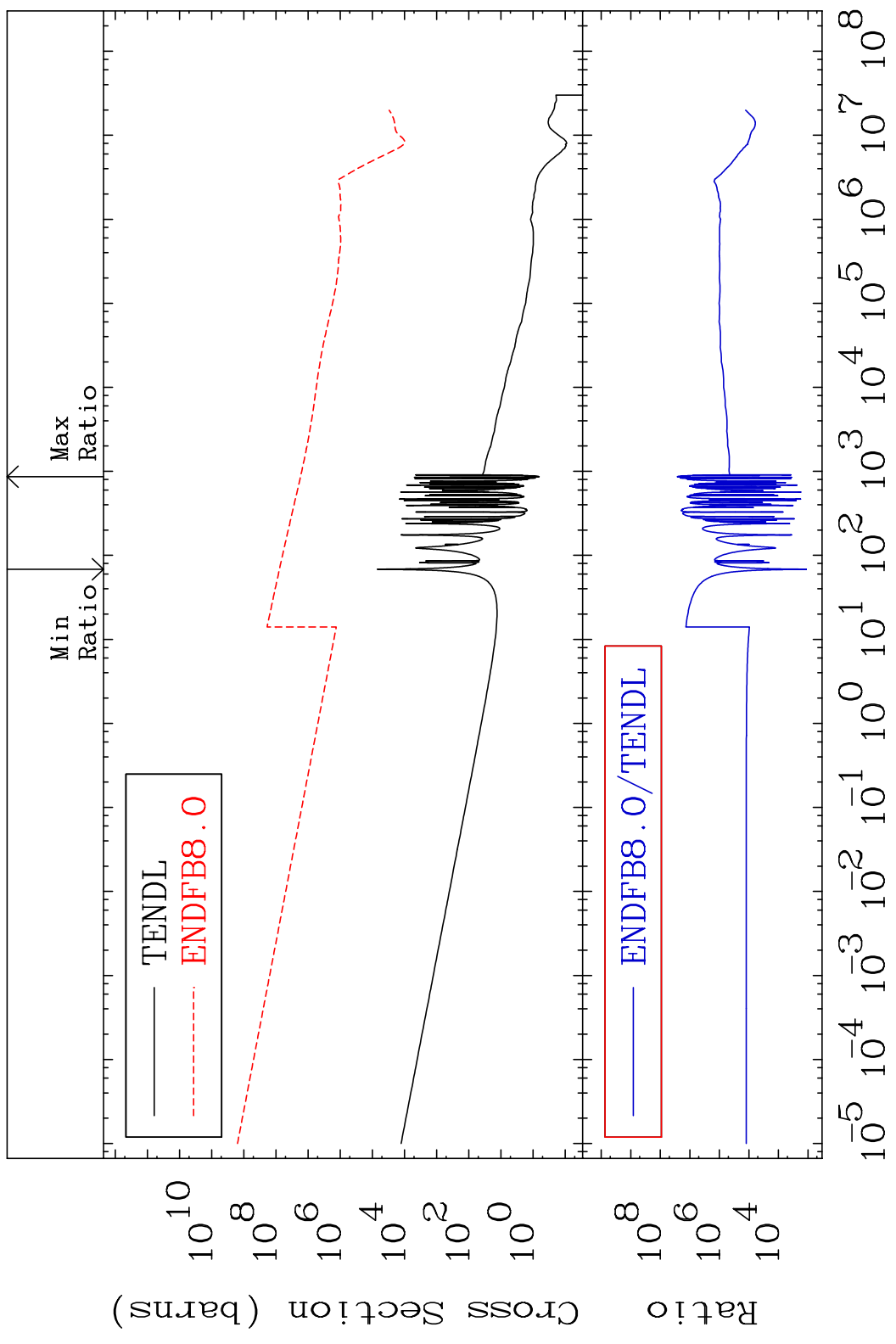


MAT 5137 Kerma inelastic (mt51-91) 51-Sb-125  
 Cross Section -100.0 To 9999. %

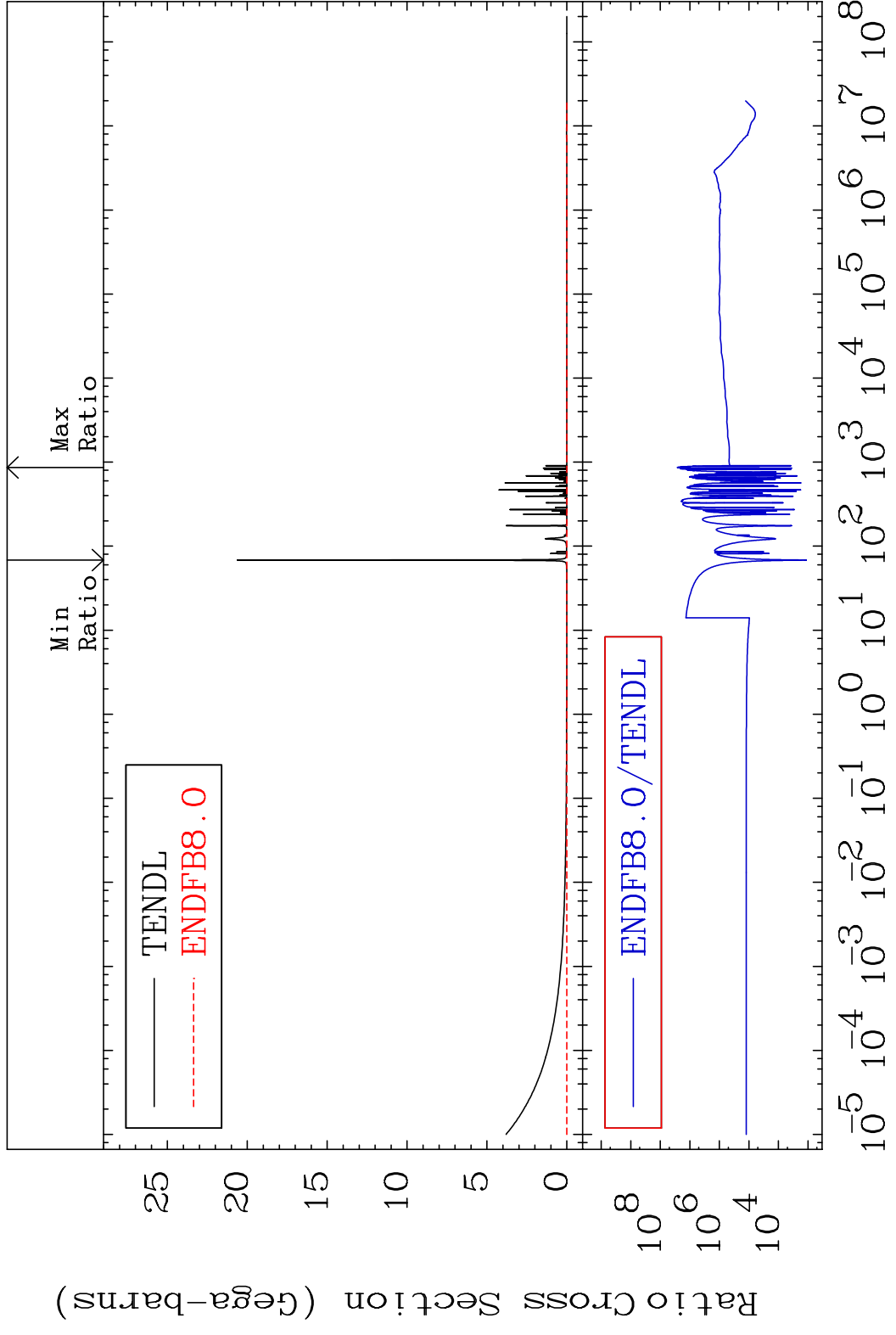


MAT 5137 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-125  
 Cross Section -100.0 To 9999. %

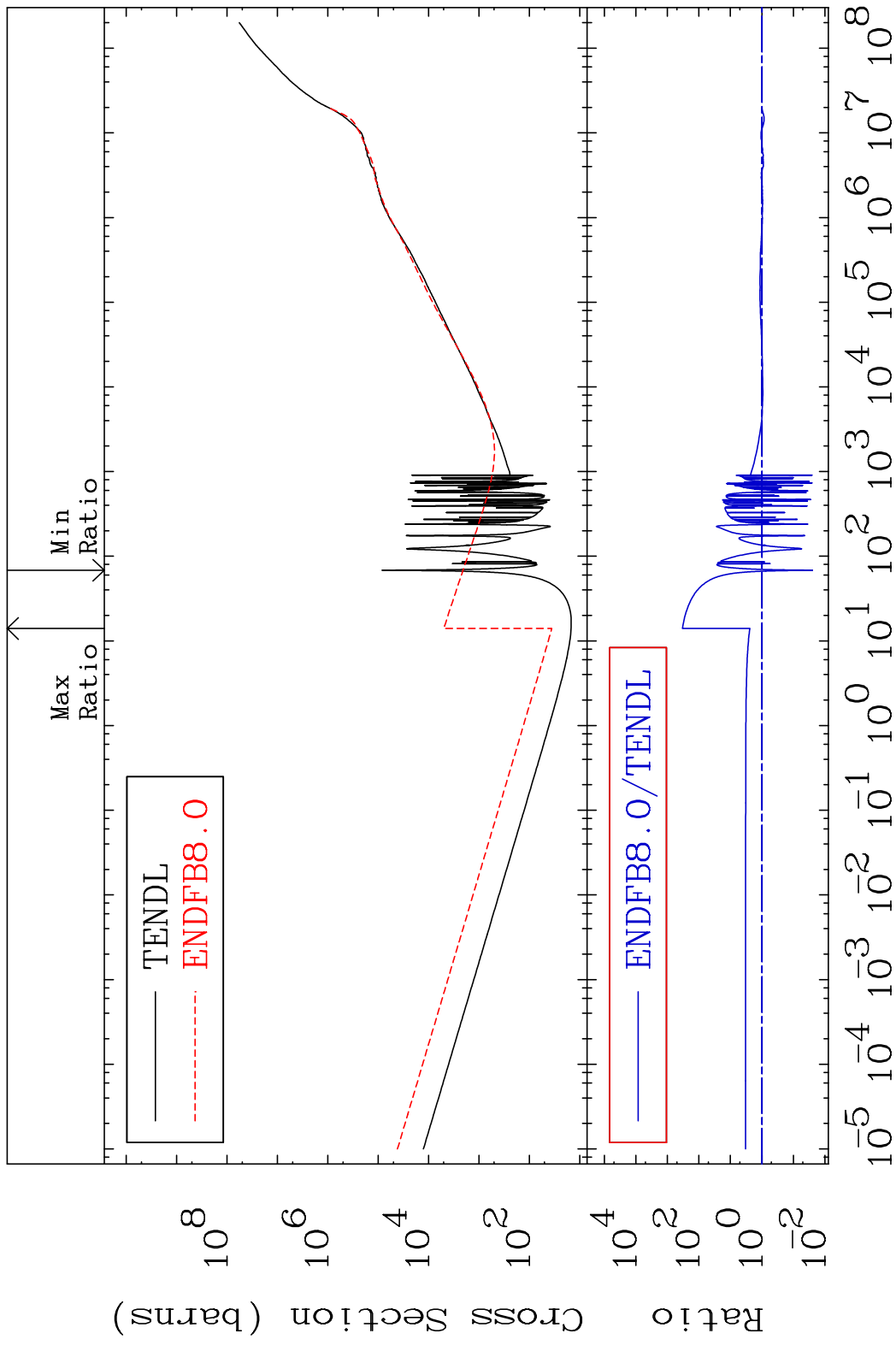




MAT 5137 Total photon (eV-barns) 51-Sb-125  
 Cross Section 9999. To 9999. %



MAT 5137 Total kinematic kerma (high limit) 51-Sb-125  
 Cross Section -97.54 To 9999. %



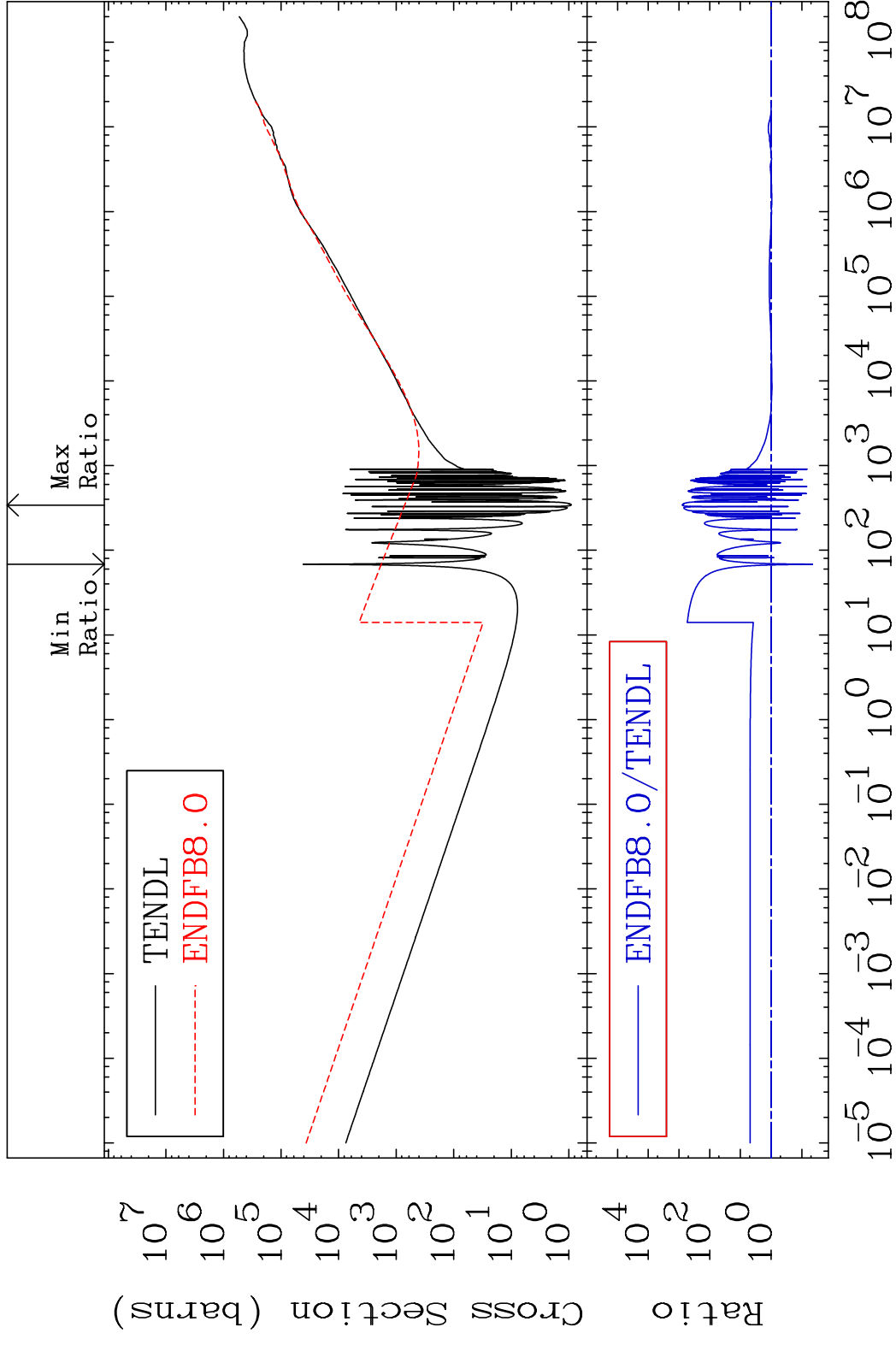


MAT 5137

Dpa total (eV-barns)

51-Sb-125

Cross Section -95.53 To 9999. %

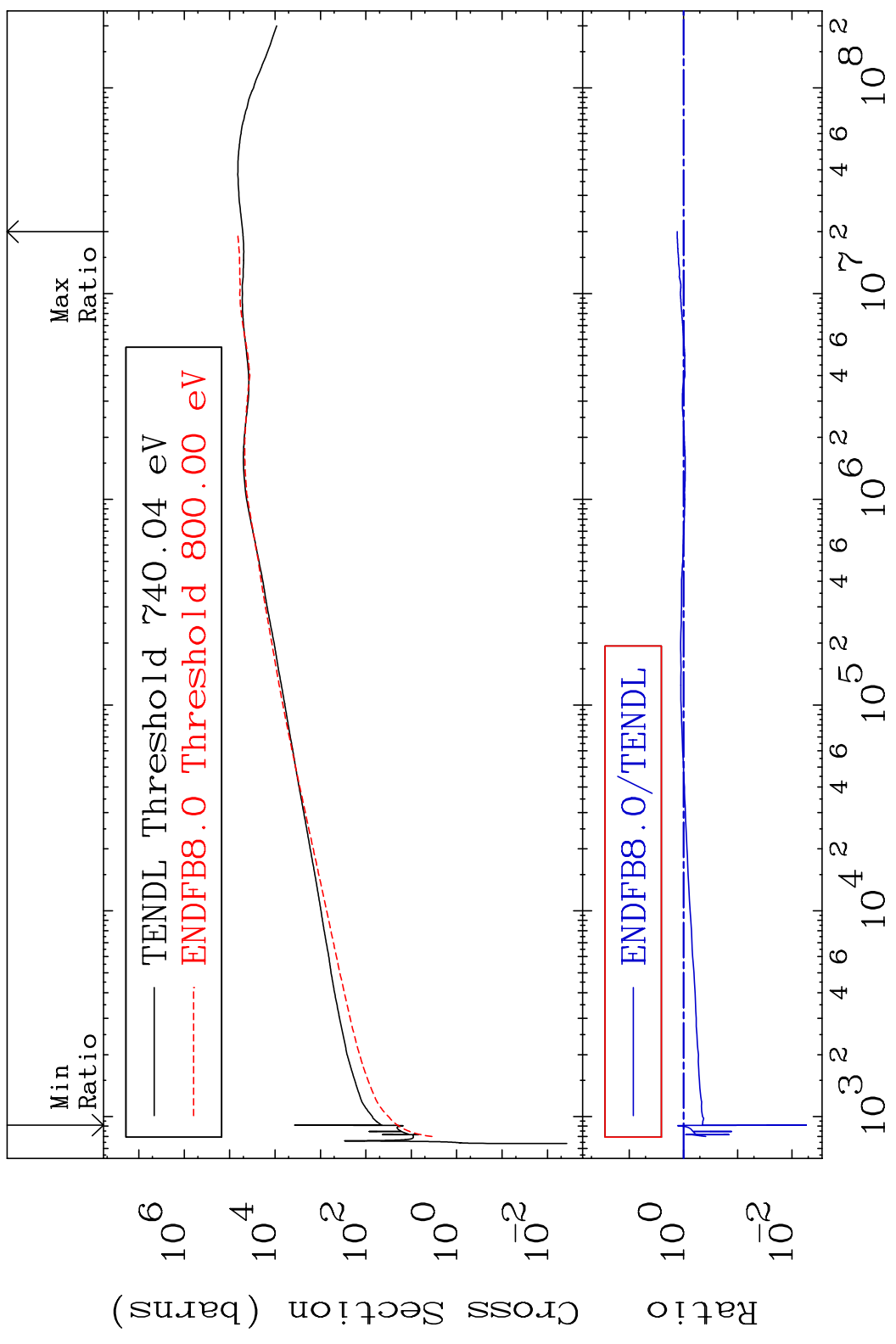


MAT 5137

Dpa elastic (mt2)

51-Sb-125

Cross Section -99.46 To 30.49 %

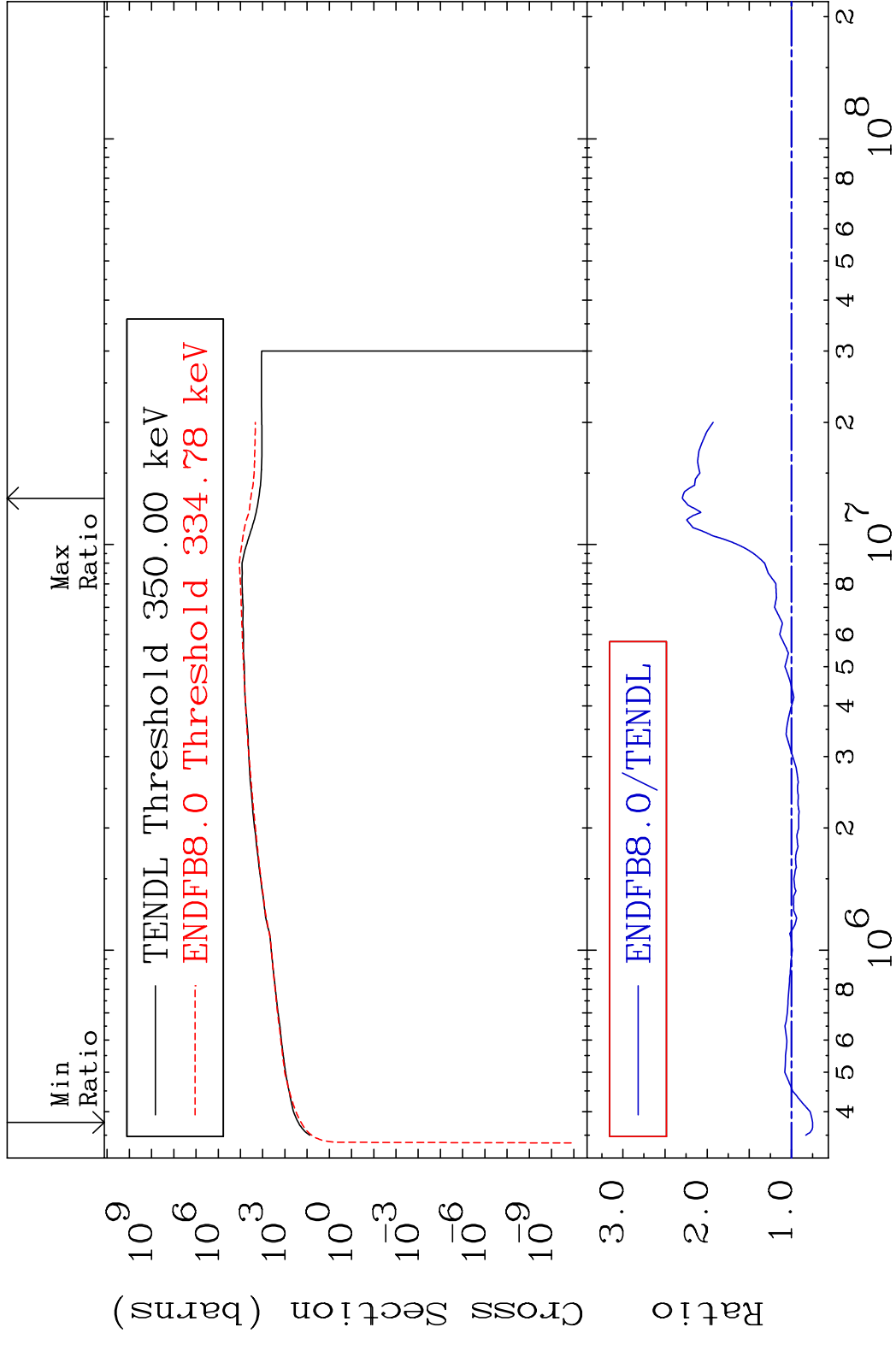


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Incident Energy (eV)

51-Sb-125

MAT 5137 Dpa inelastic (mt51-91) 51-Sb-125  
 Cross Section -25.04 To 129.4 %



MAT 5137 Dpa disappearance (mt102 -120) 51-Sb-125  
 Cross Section -95.53 To 9999. %

