

Program Complot  
(Version 2021-1)

by

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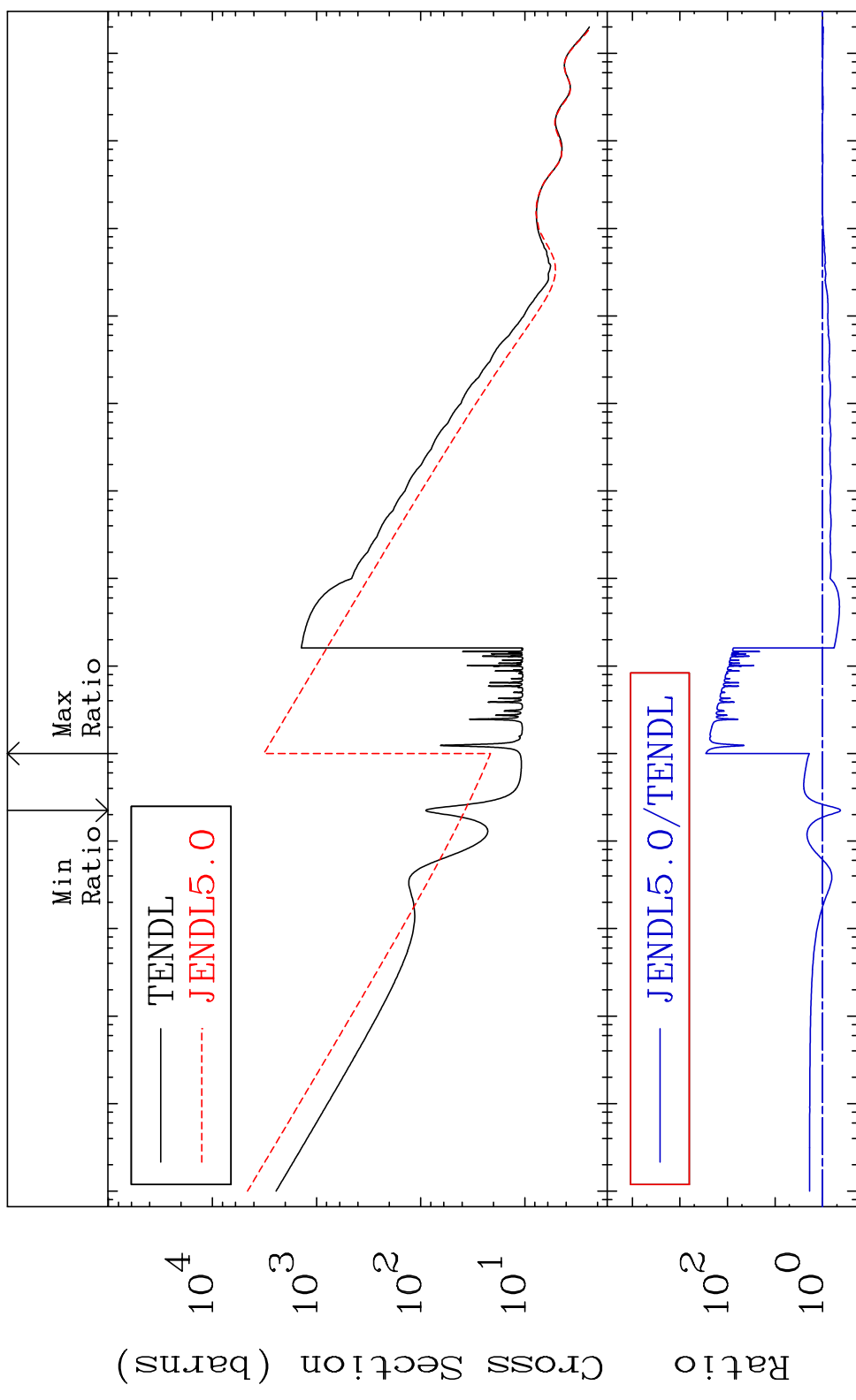
Press Mouse Button to Start

MAT 6507

Total

65-Tb-153

Cross Section -57.85 To 9999. %



1

Incident Energy (eV)

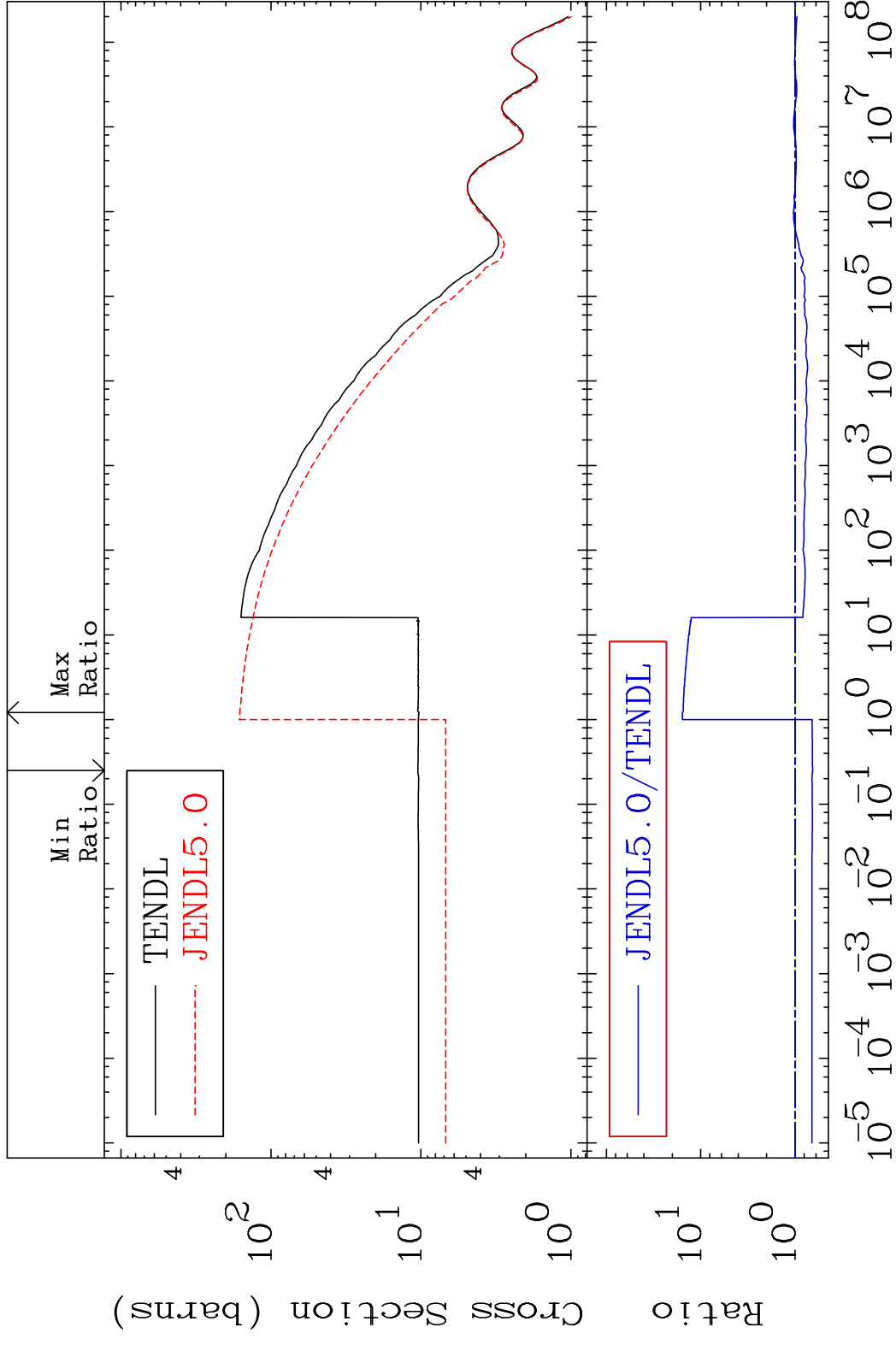
65-Tb-153

MAT 6507

65-Tb-153

Elastic

Cross Section -34.79 To 1465. %

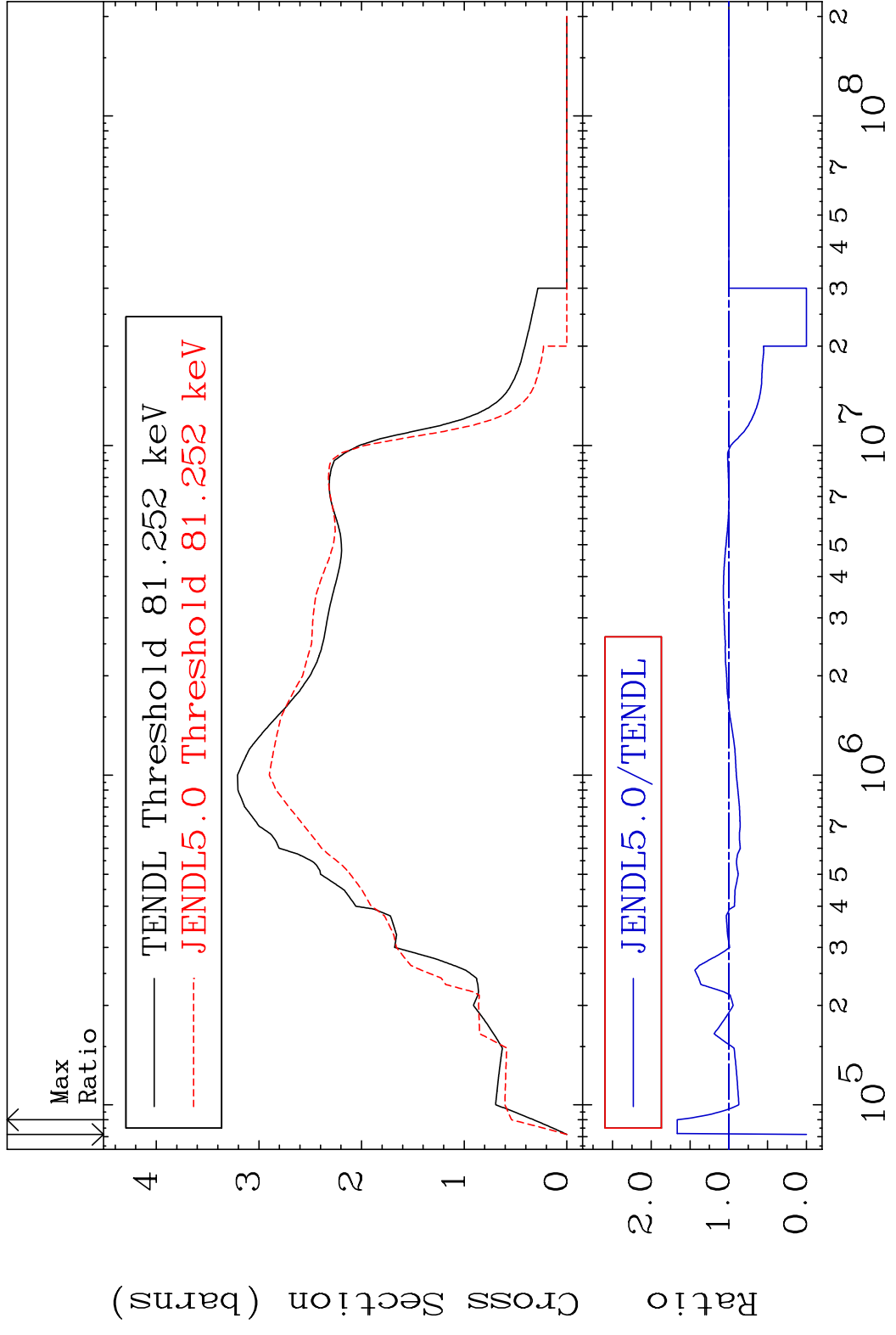


2

Incident Energy (eV)

65-Tb-153

MAT 6507 Inelastic Cross Section -100.0 To 66.60 % 65-Tb-153



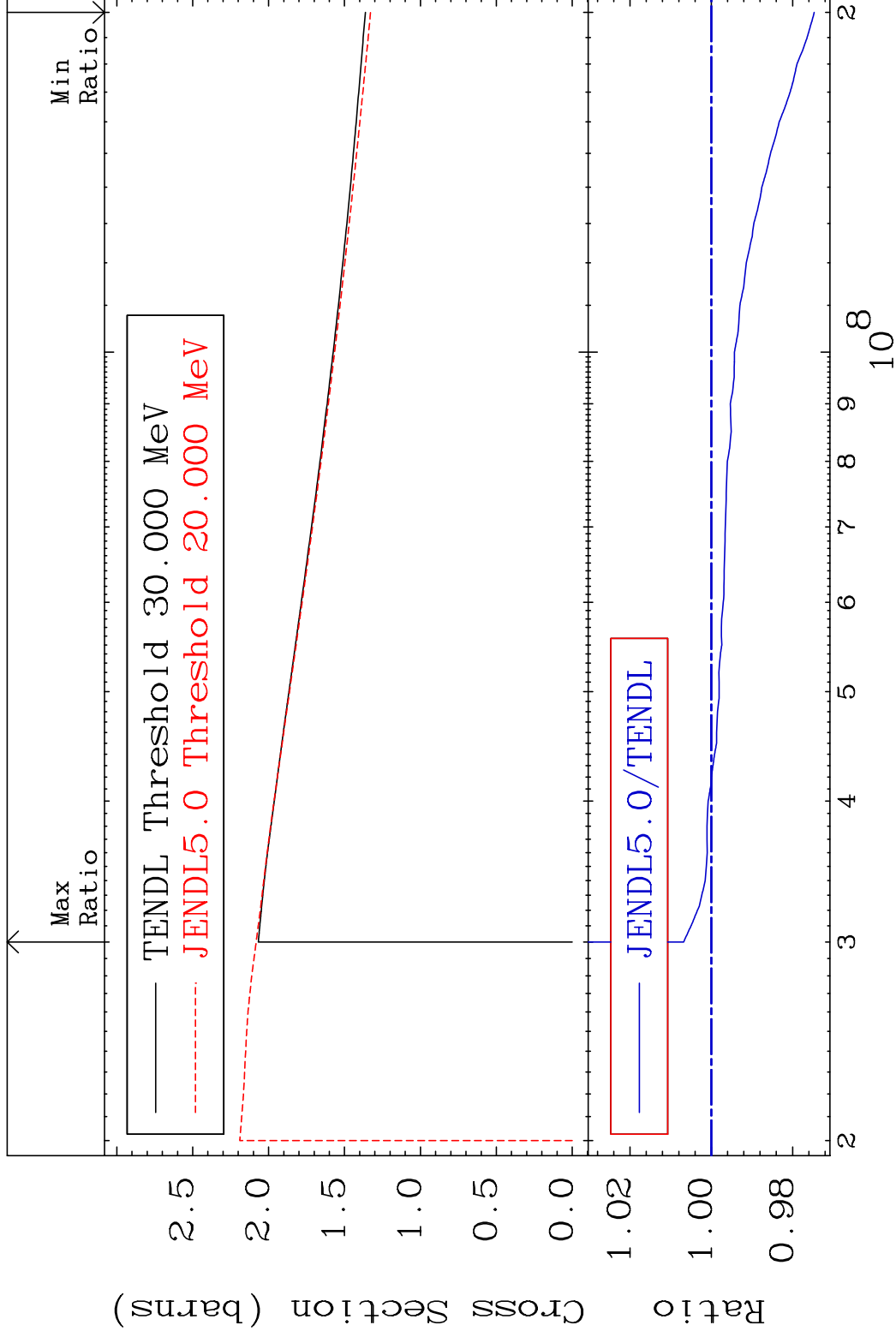
3 Incident Energy (eV) 65-Tb-153

MAT 6507

(n, remainder)

65-Tb-153

Cross Section -2.529 To 0.680 %

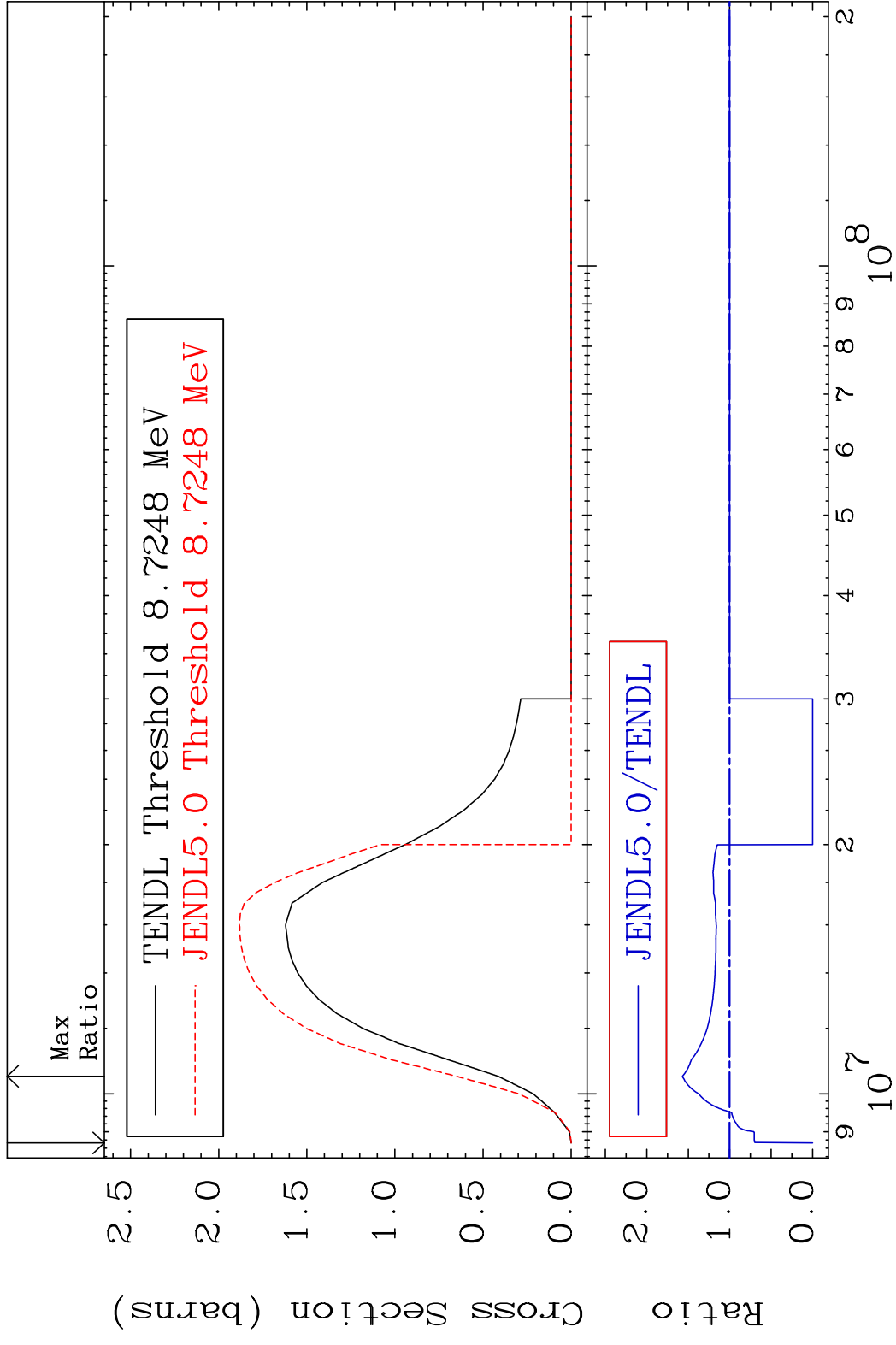


4

Incident Energy (eV)

65-Tb-153

MAT 6507 (n,2n) 65-Tb-153  
 Cross Section -100.0 To 57.06 %



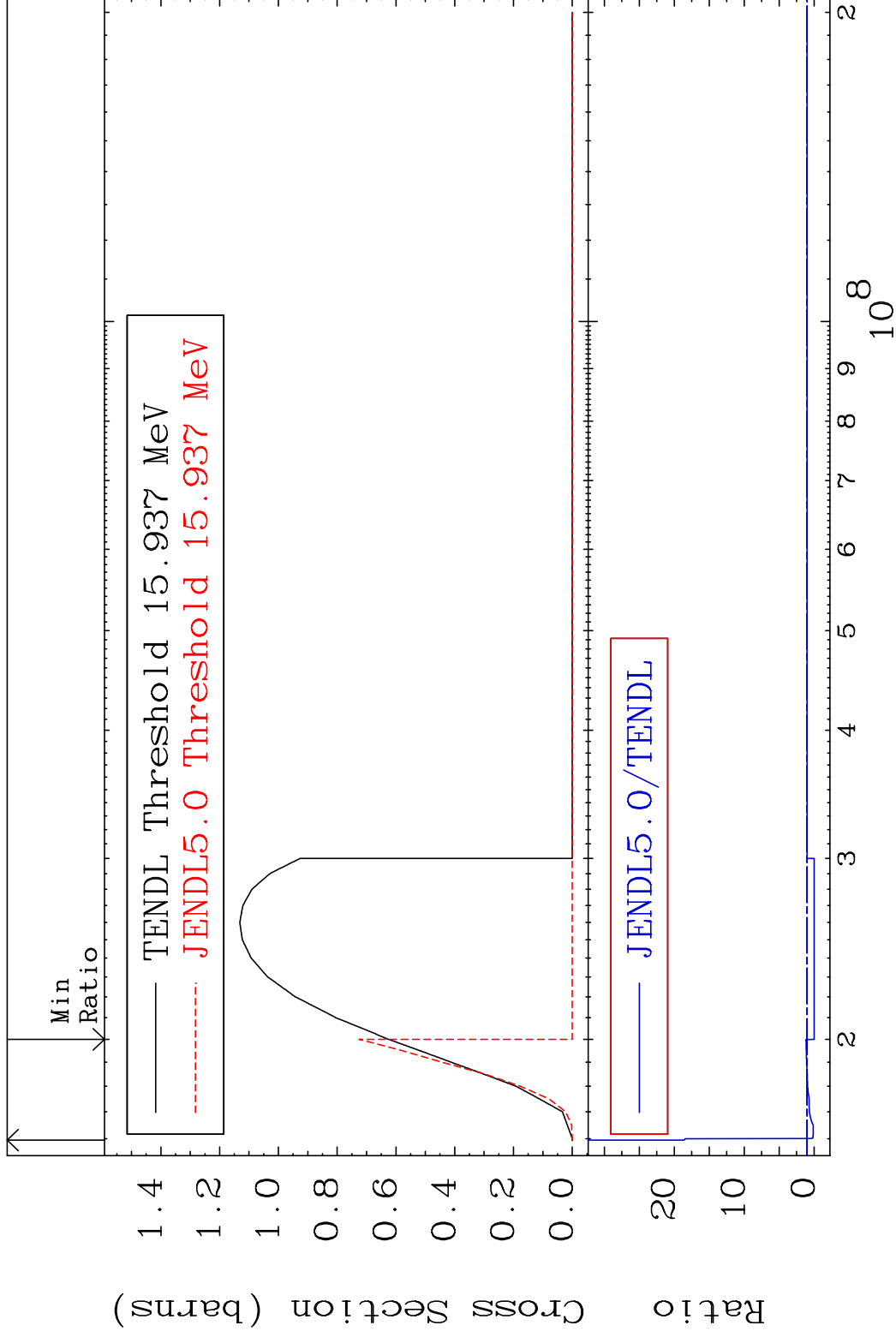
5 Incident Energy (eV) 65-Tb-153

MAT 6507

(n,3n)

65-Tb-153

Cross Section -100.0 To 1766. %

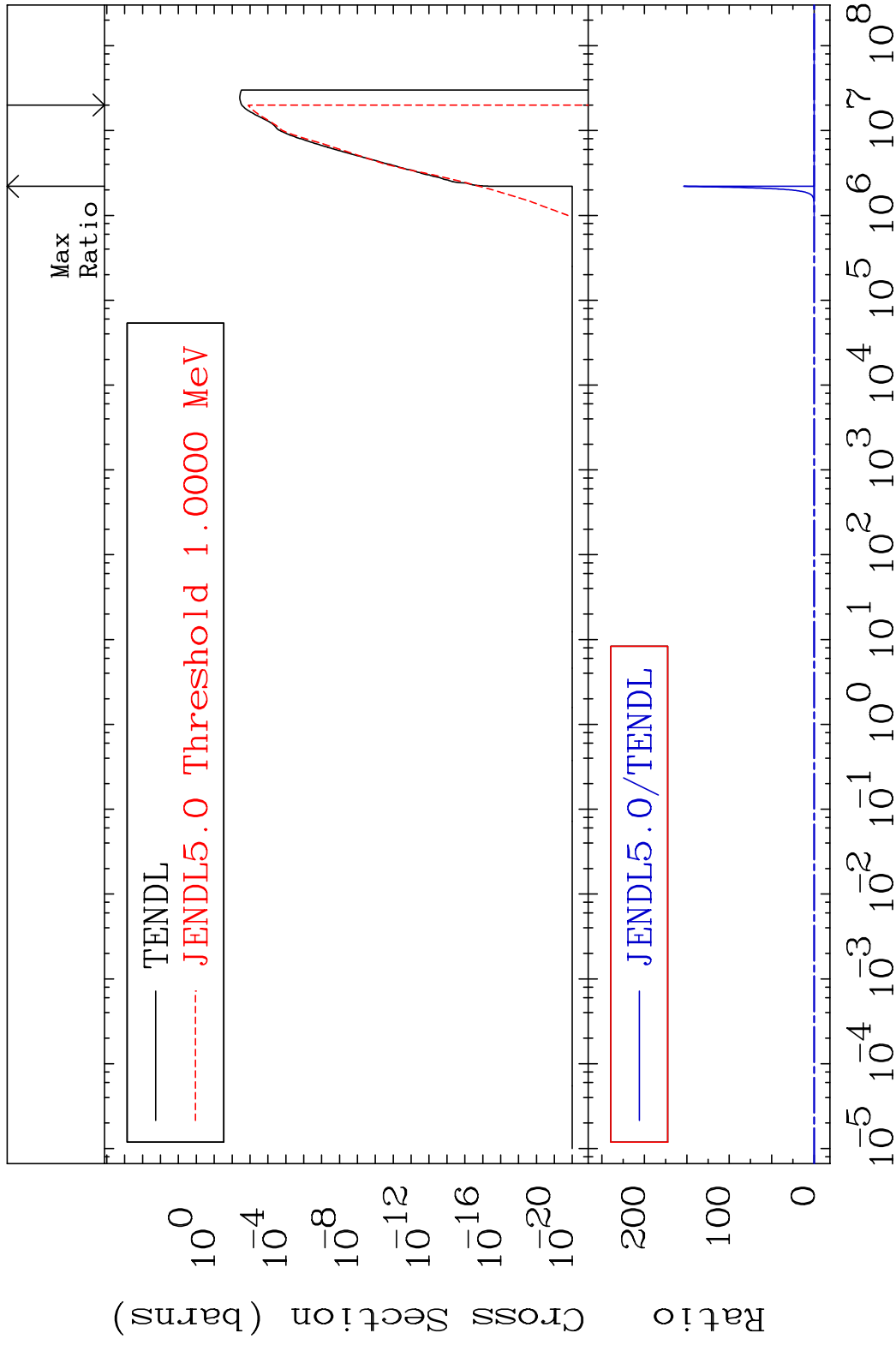


MAT 6507

(n, n')  $\alpha$

65-Tb-153

Cross Section -100.0 To 9999. %

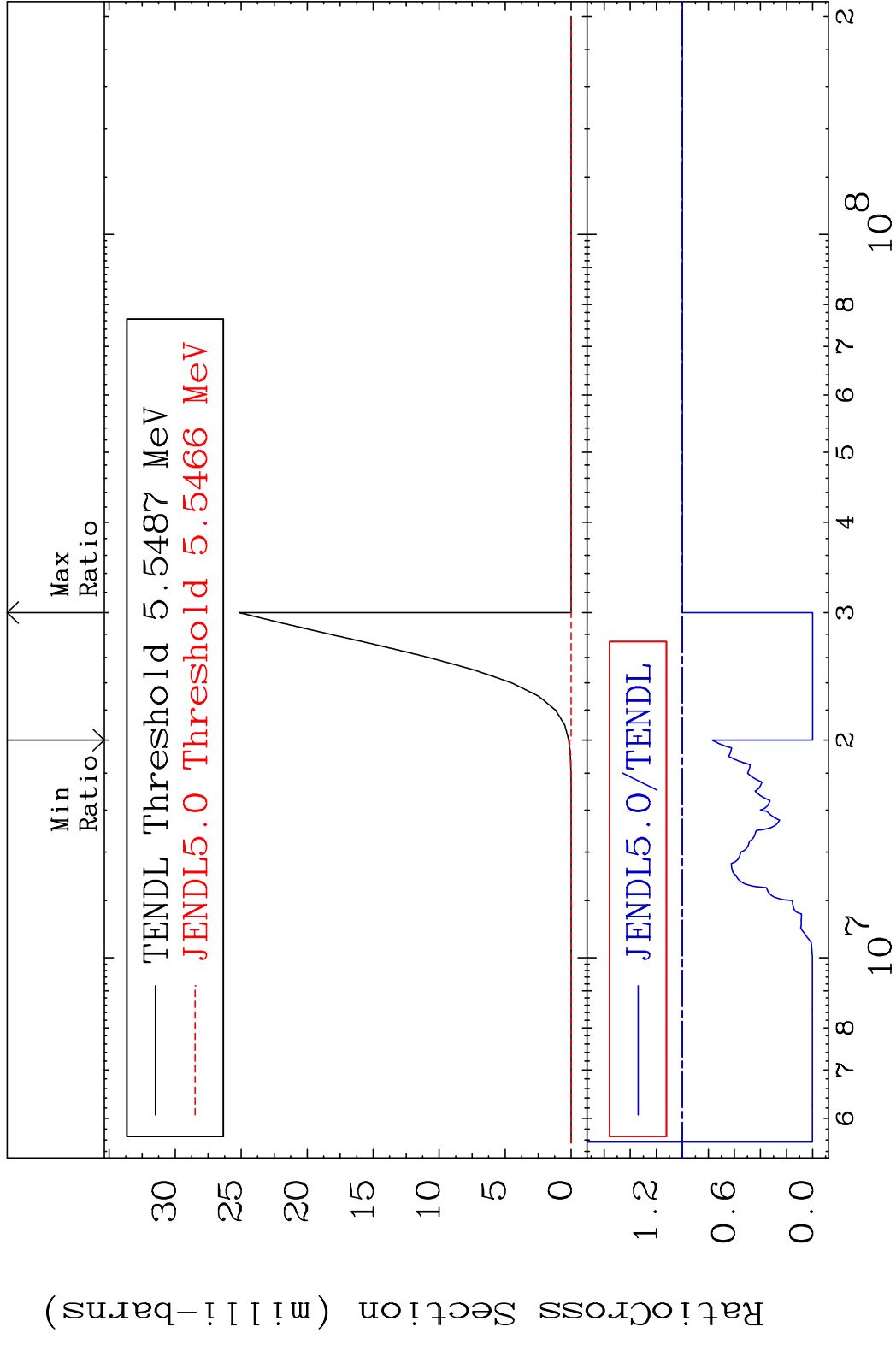


7

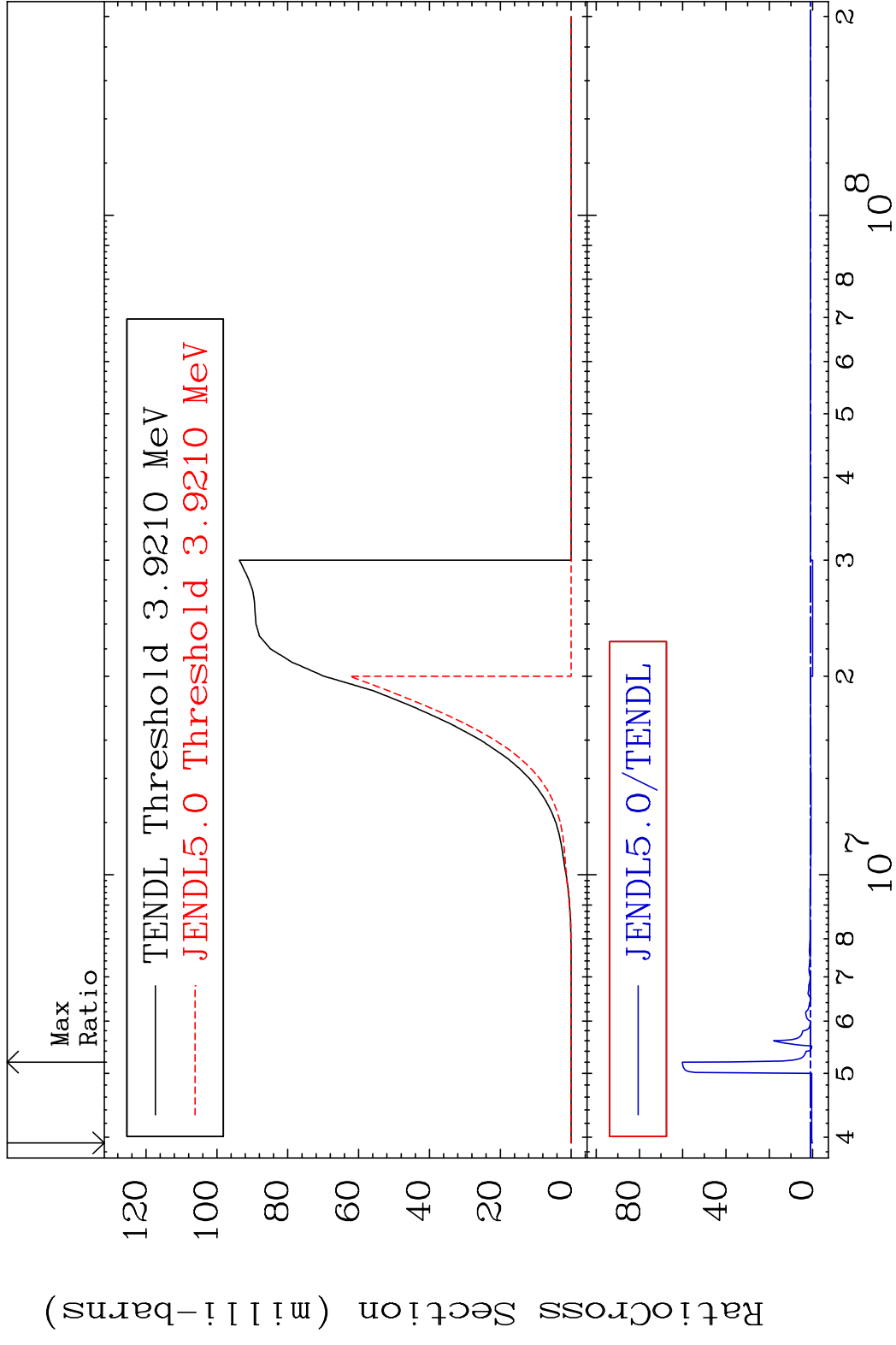
Incident Energy (eV)

65-Tb-153

MAT 6507 (n,2n)  $\alpha$  65-Tb-153  
 Cross Section -100.0 To 0.000 %



MAT 6507 (n, n') p 65-Tb-153  
 Cross Section -100.0 To 5916. %

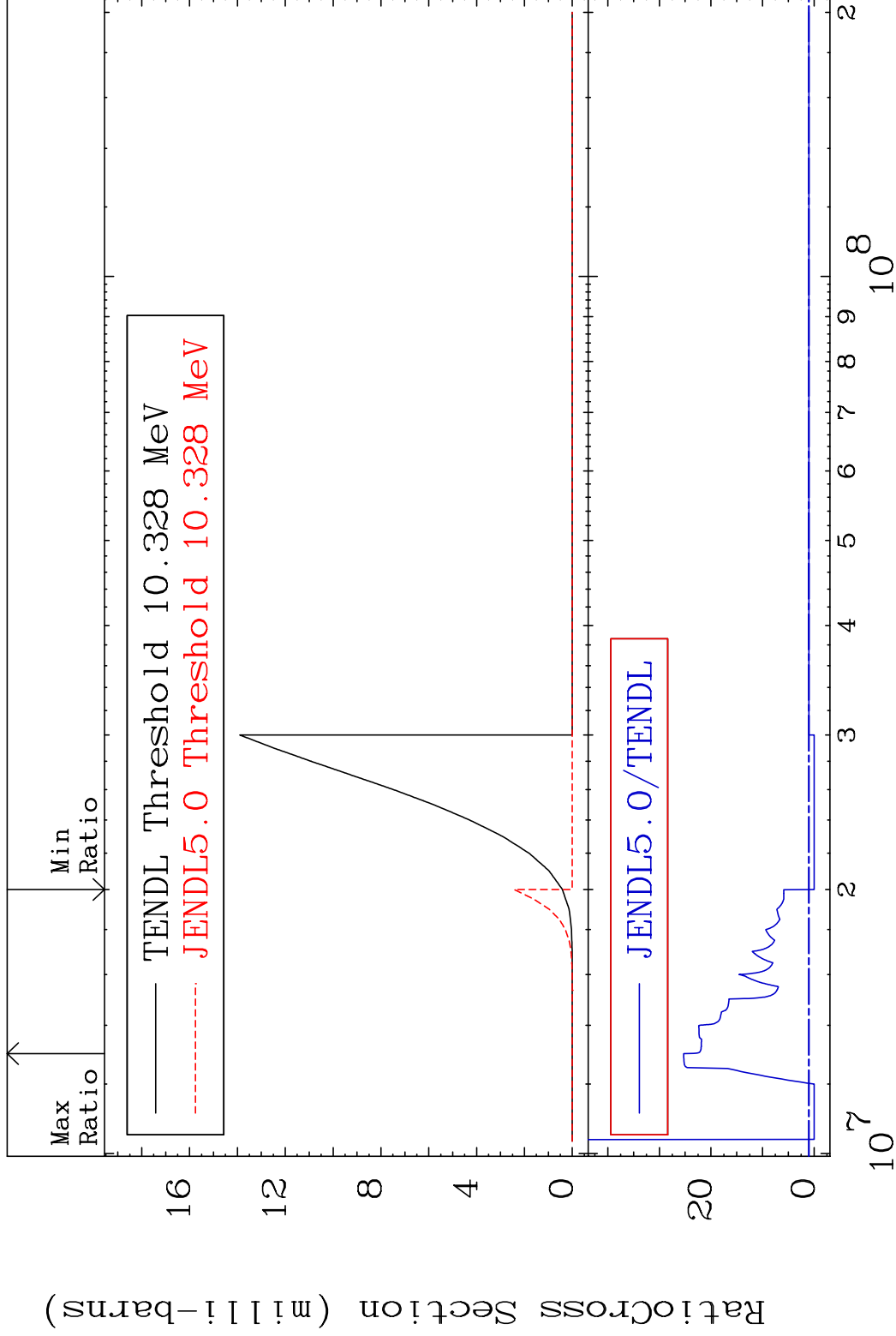


MAT 6507

(n, n') d

65-Tb-153

Cross Section -100.0 To 2429. %

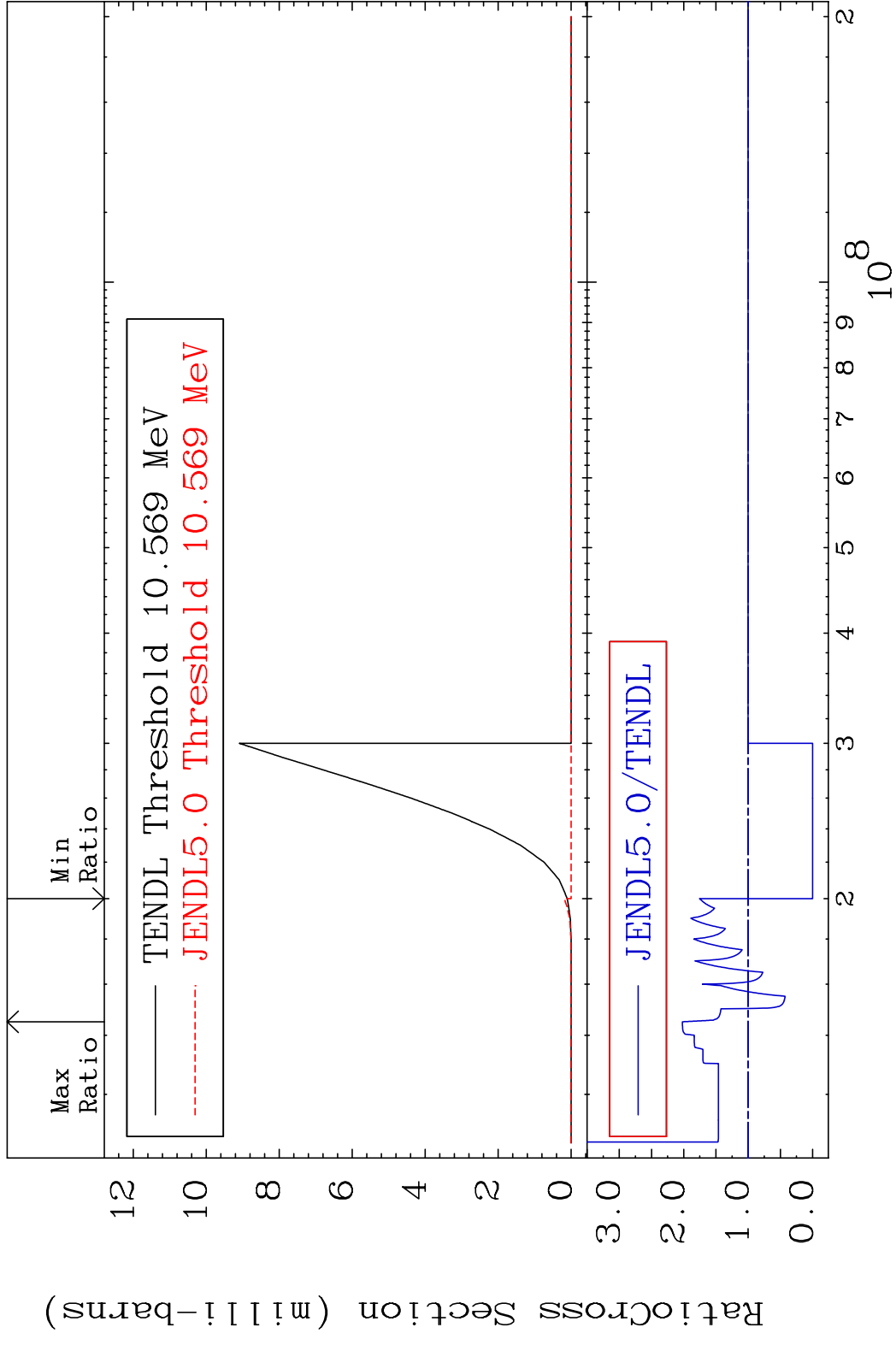


10

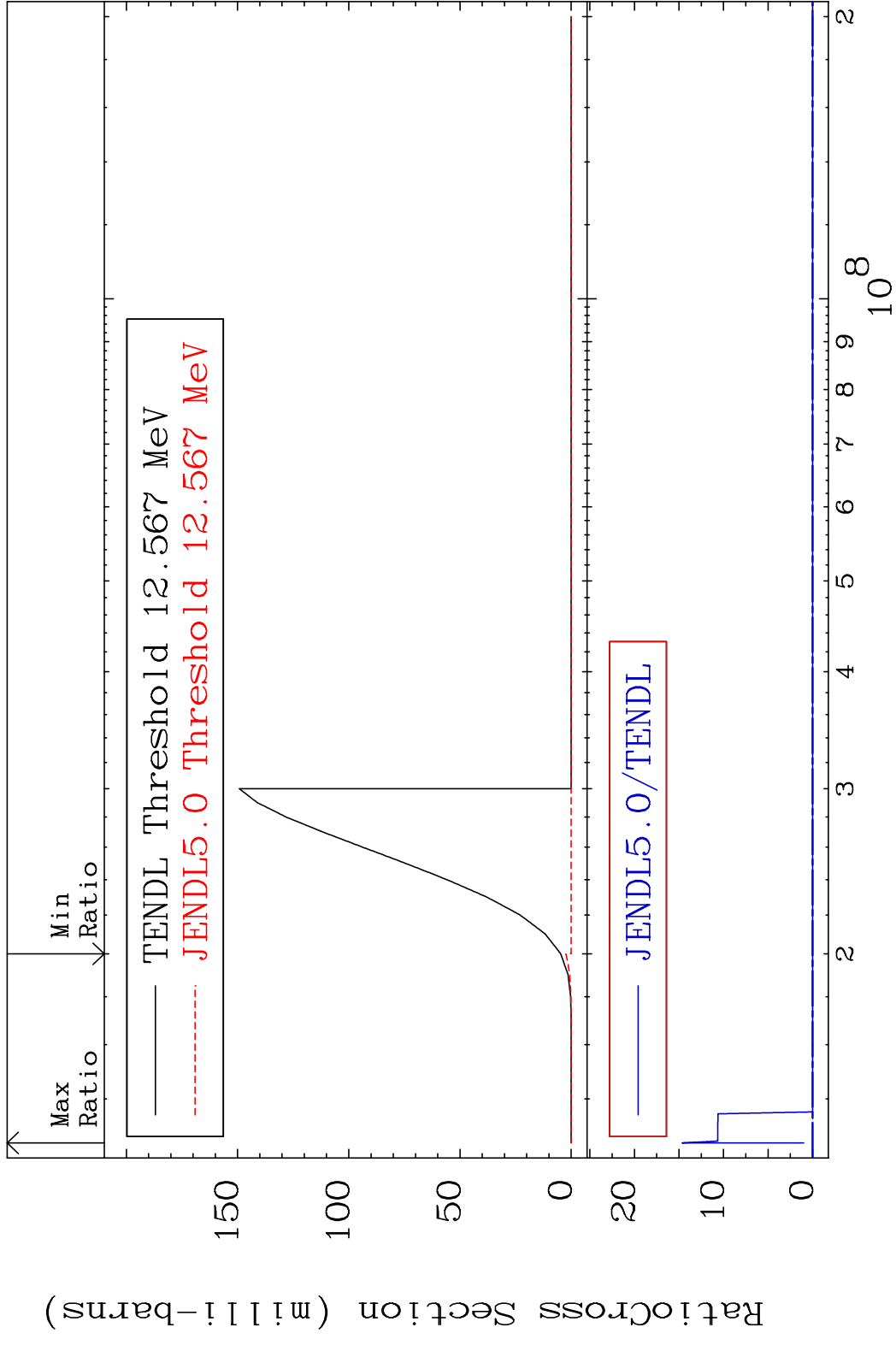
Incident Energy (eV)

65-Tb-153

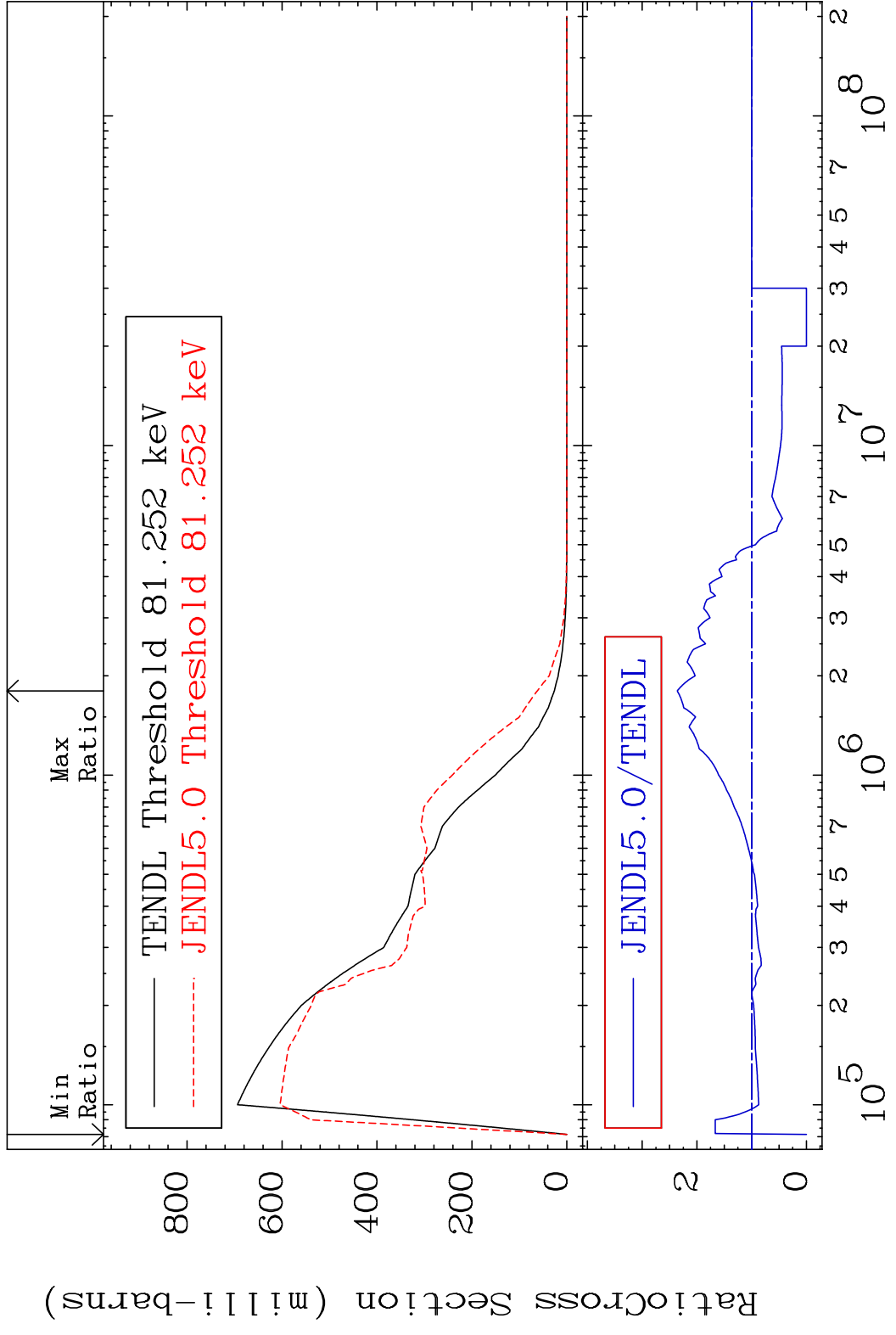
MAT 6507 (n, n') t 65-Tb-153  
 Cross Section -100.0 To 102.1 %



MAT 6507 (n,2n) p 65-Tb-153  
 Cross Section -100.0 To 9999. %

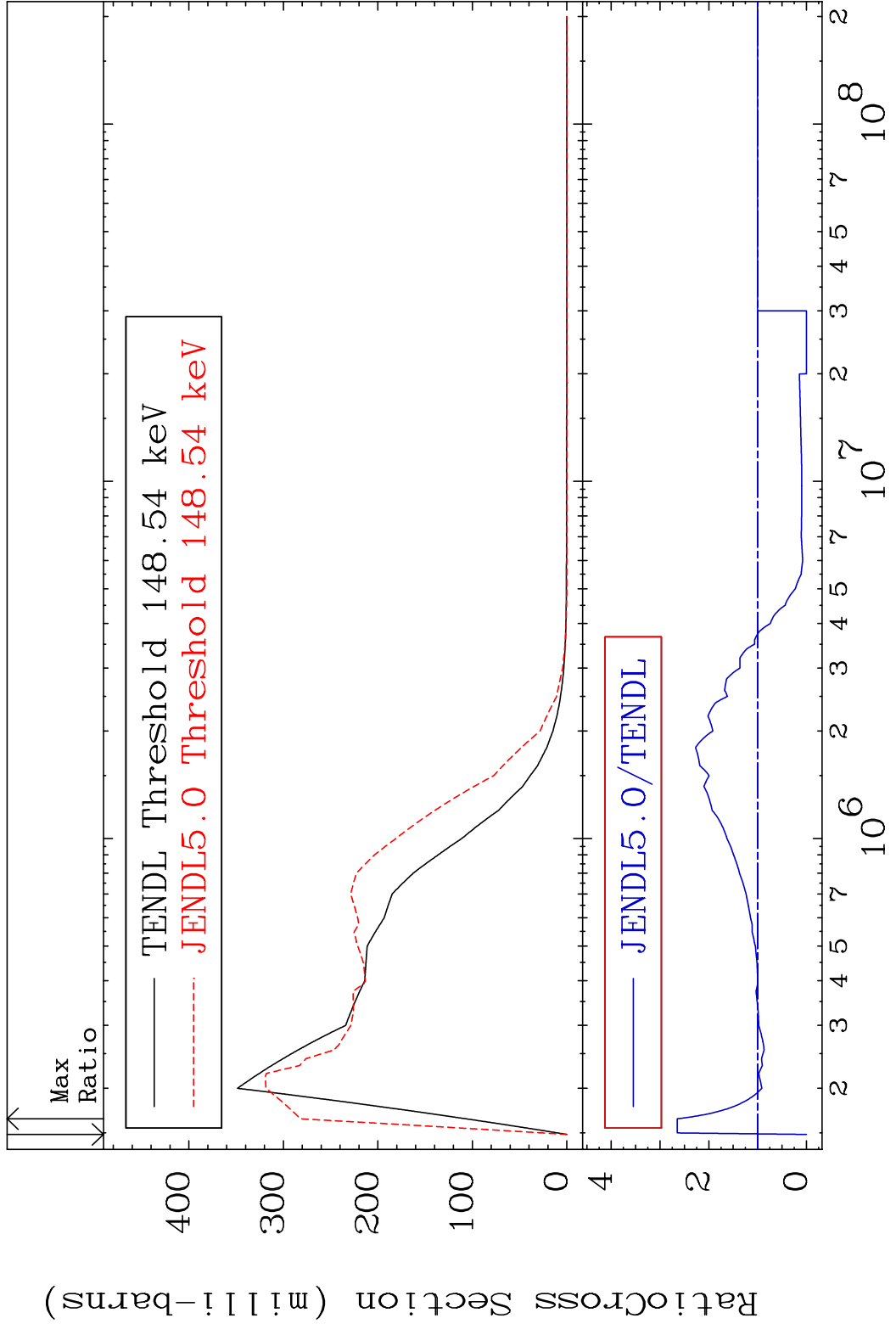


MAT 6507 MT= 51 (n, n') Level 65-Tb-153  
 Cross Section -100.0 To 136.0 %

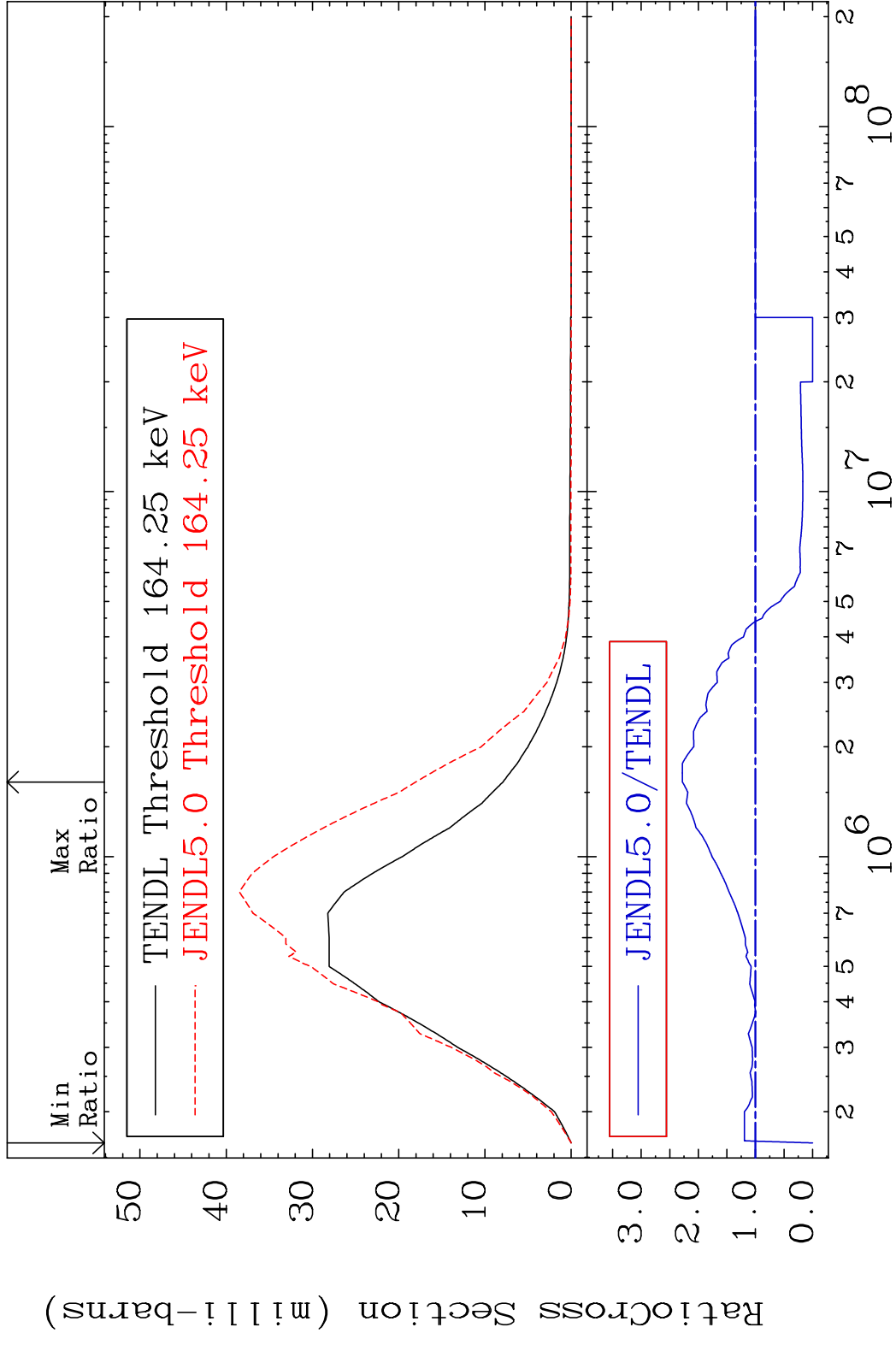


13 65-Tb-153

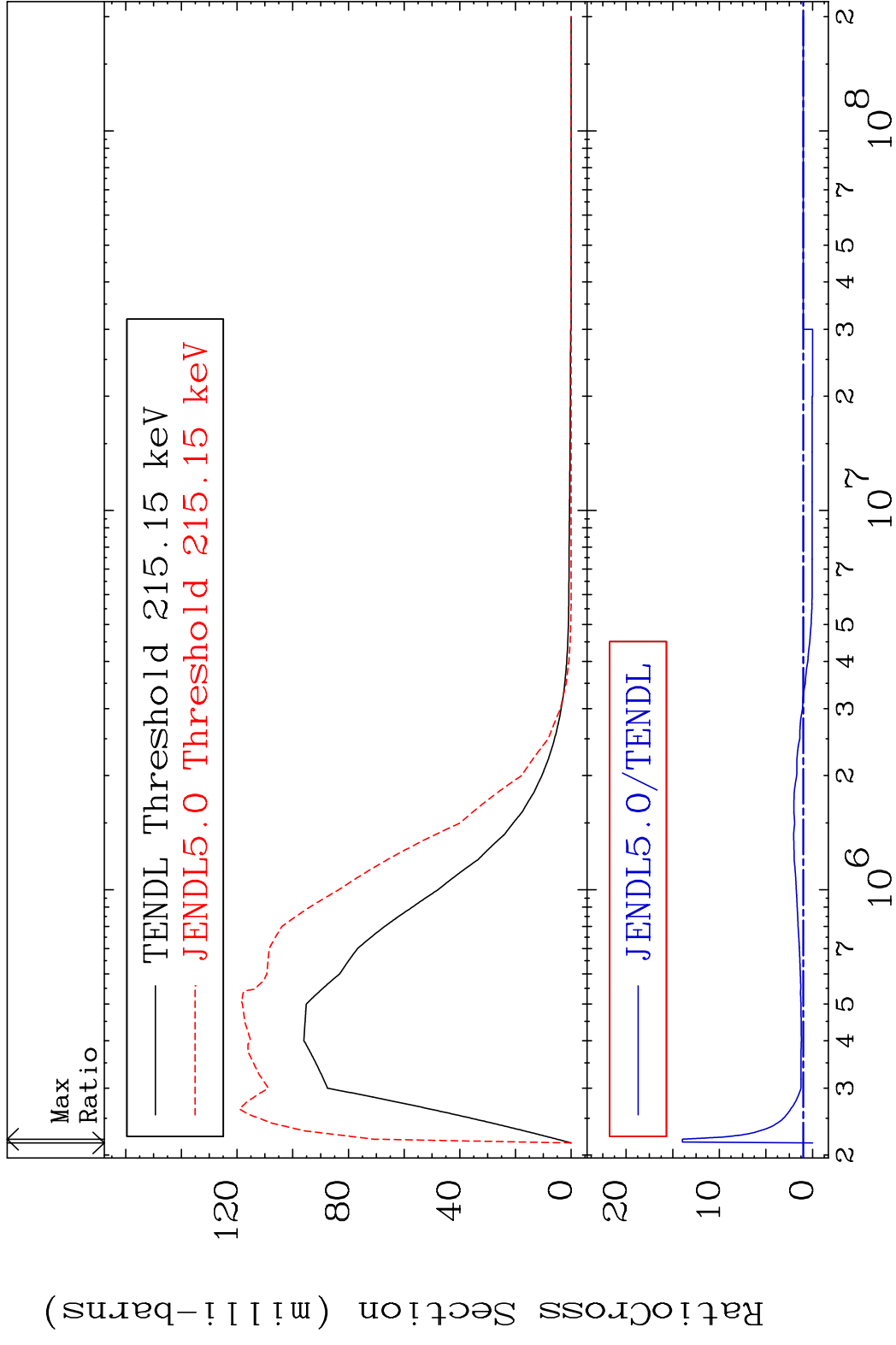
MAT 6507 MT= 52 (n, n') Level 65-Tb-153  
 Cross Section -100.0 To 164.8 %



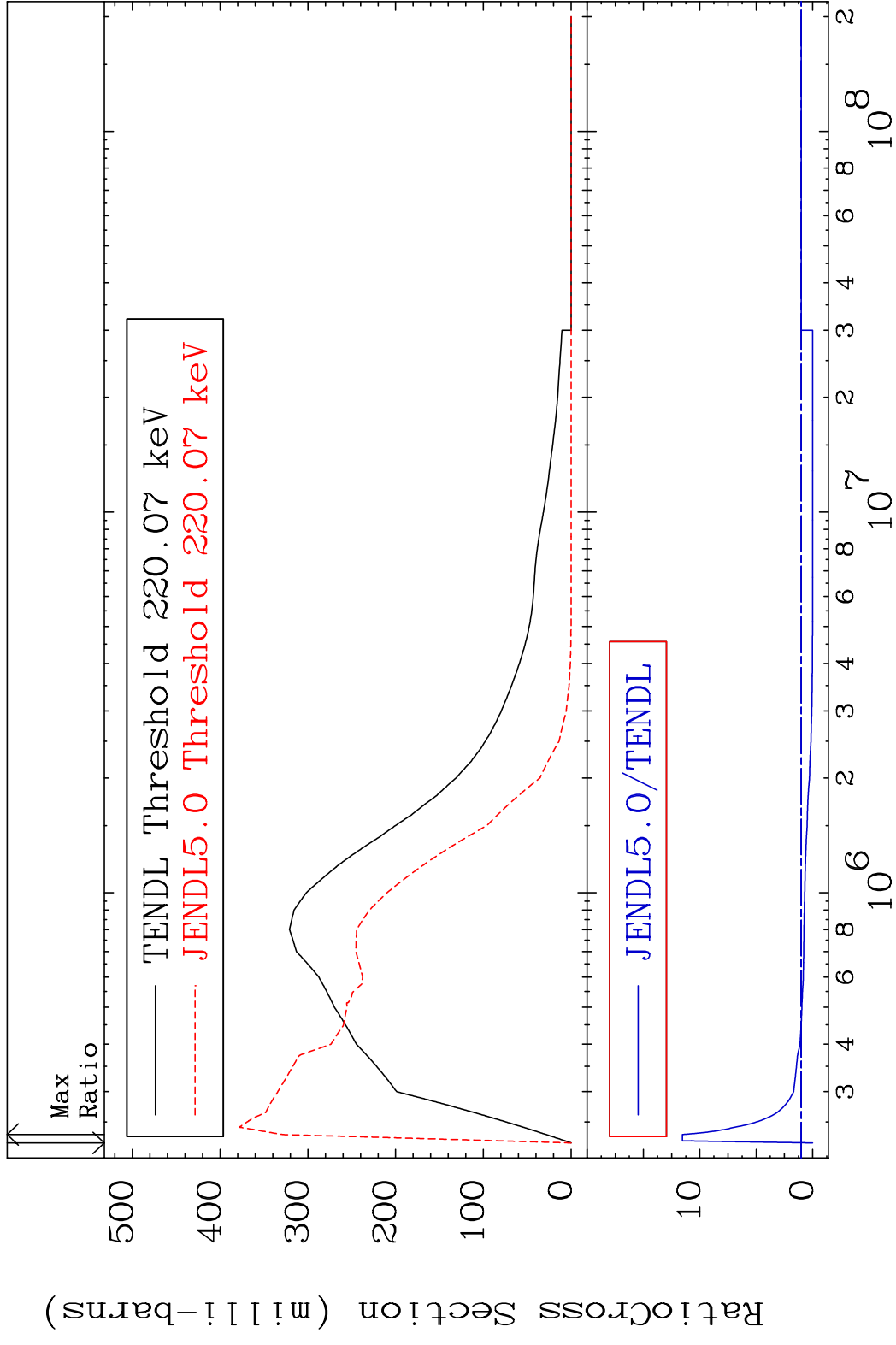
MAT 6507 MT= 53 (n, n') Level 65-Tb-153  
 Cross Section -100.0 To 128.0 %



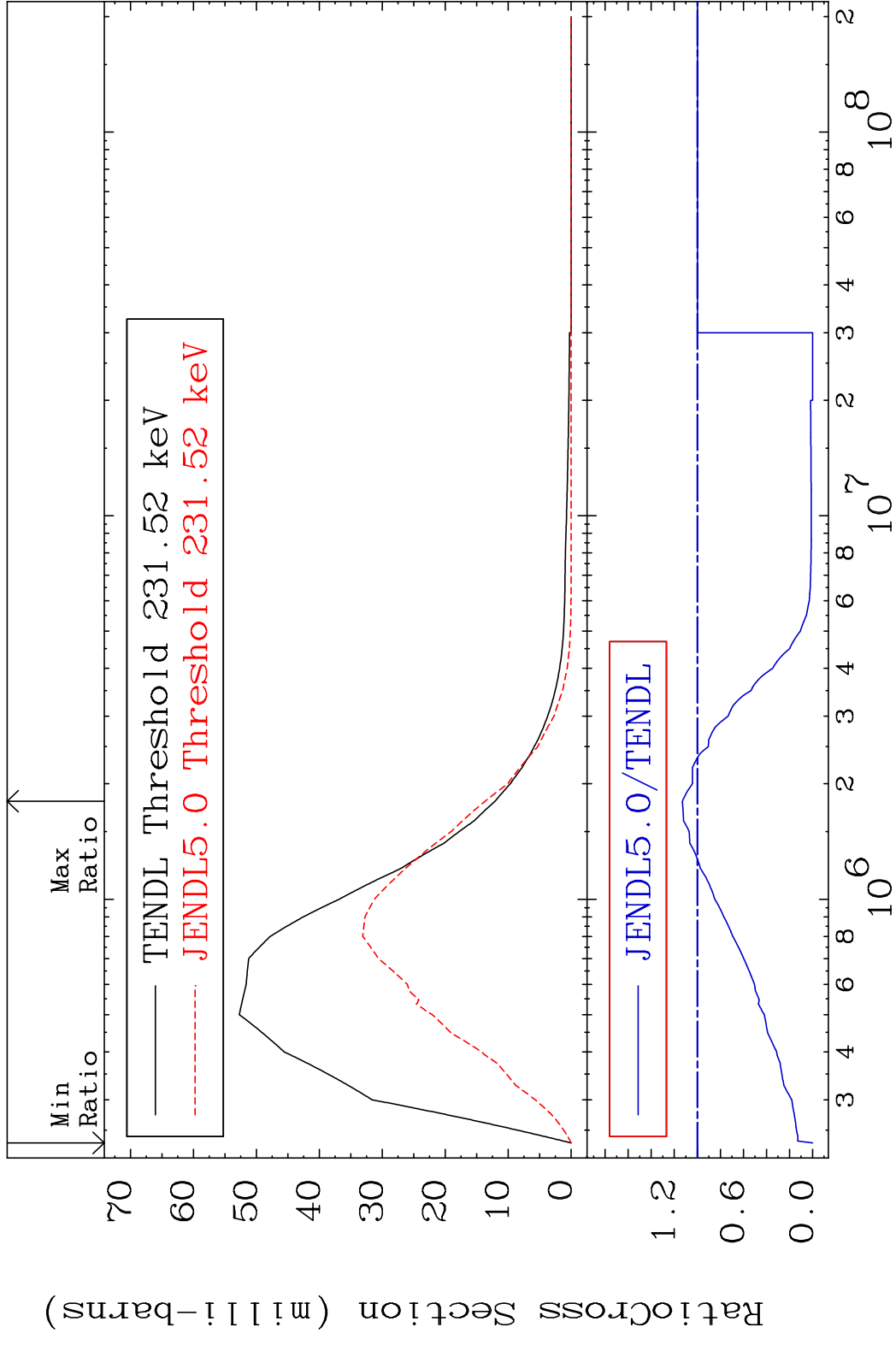
MAT 6507 MT= 54 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 1297. %



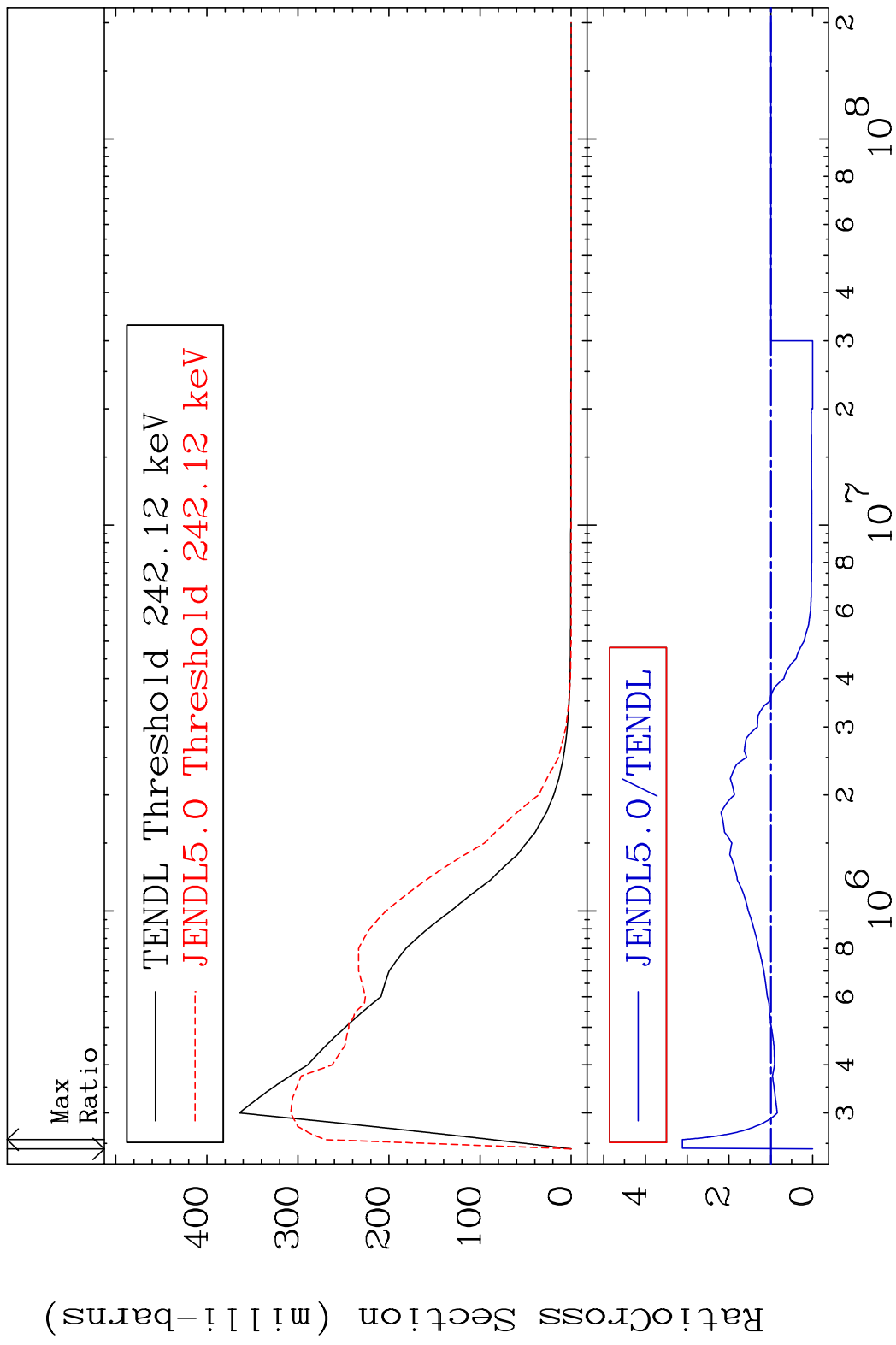
MAT 6507 MT= 55 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 1055. %



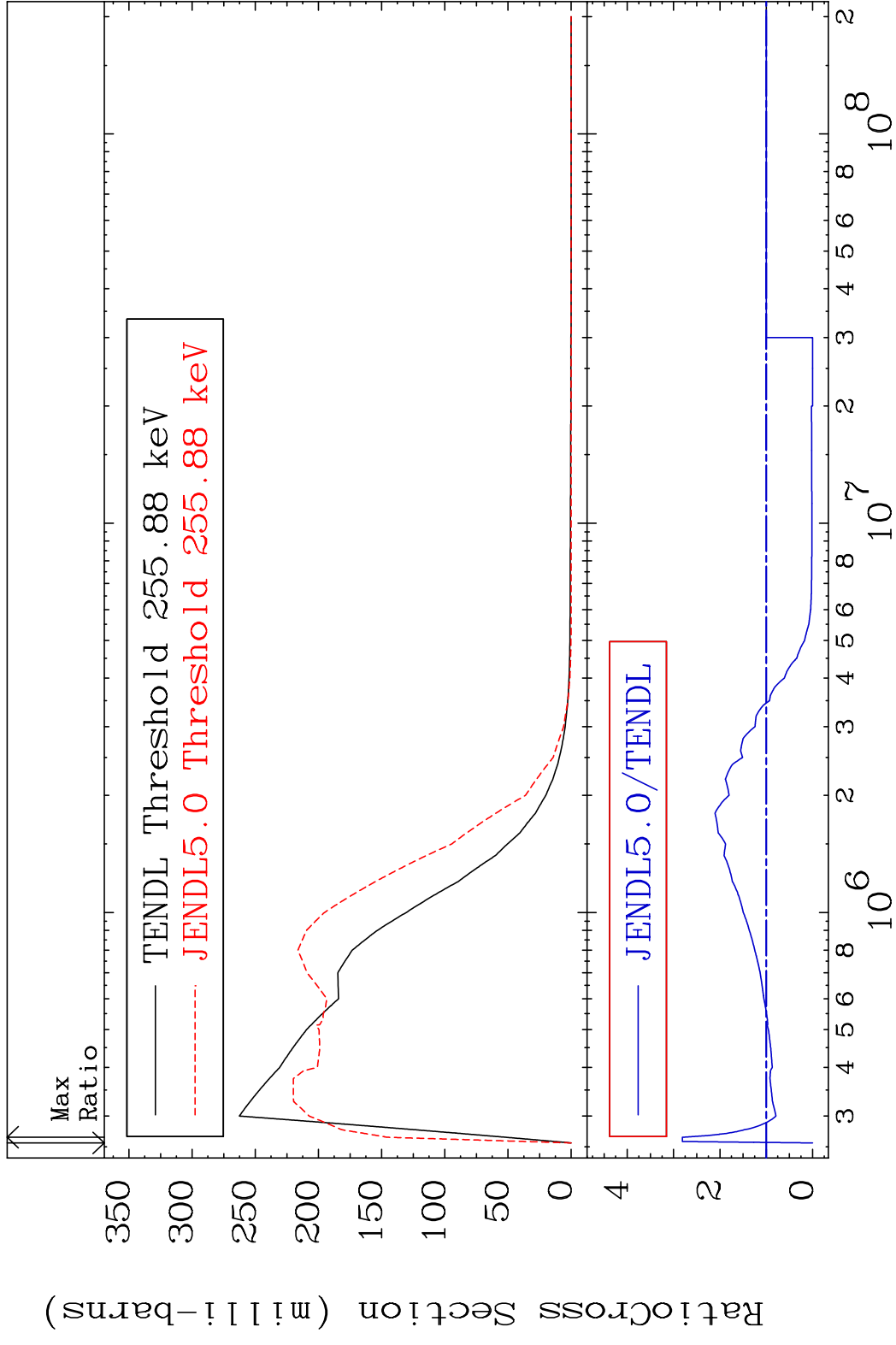
MAT 6507 MT= 56 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 13.00 %



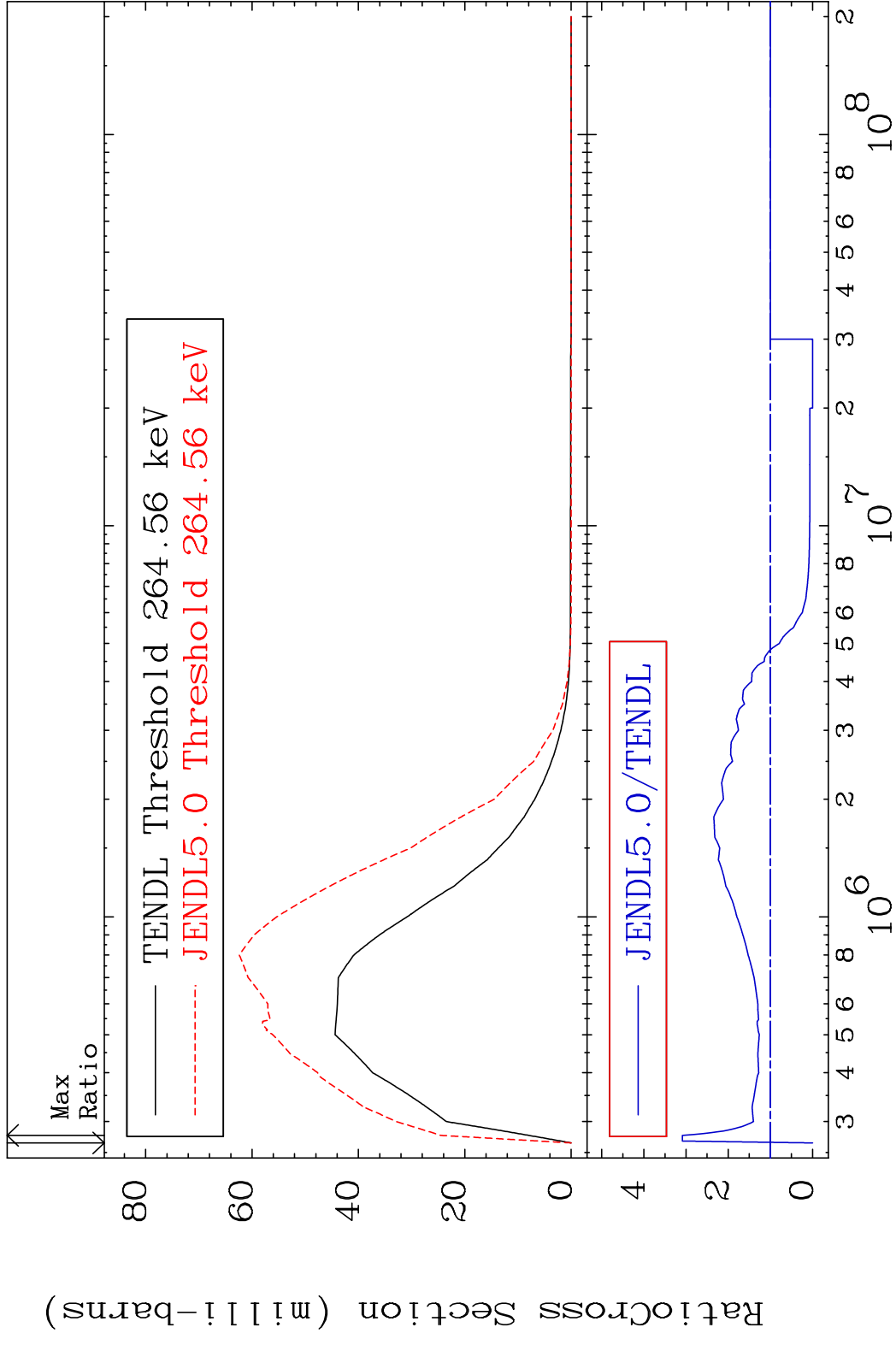
MAT 6507 MT= 57 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 211.6 %



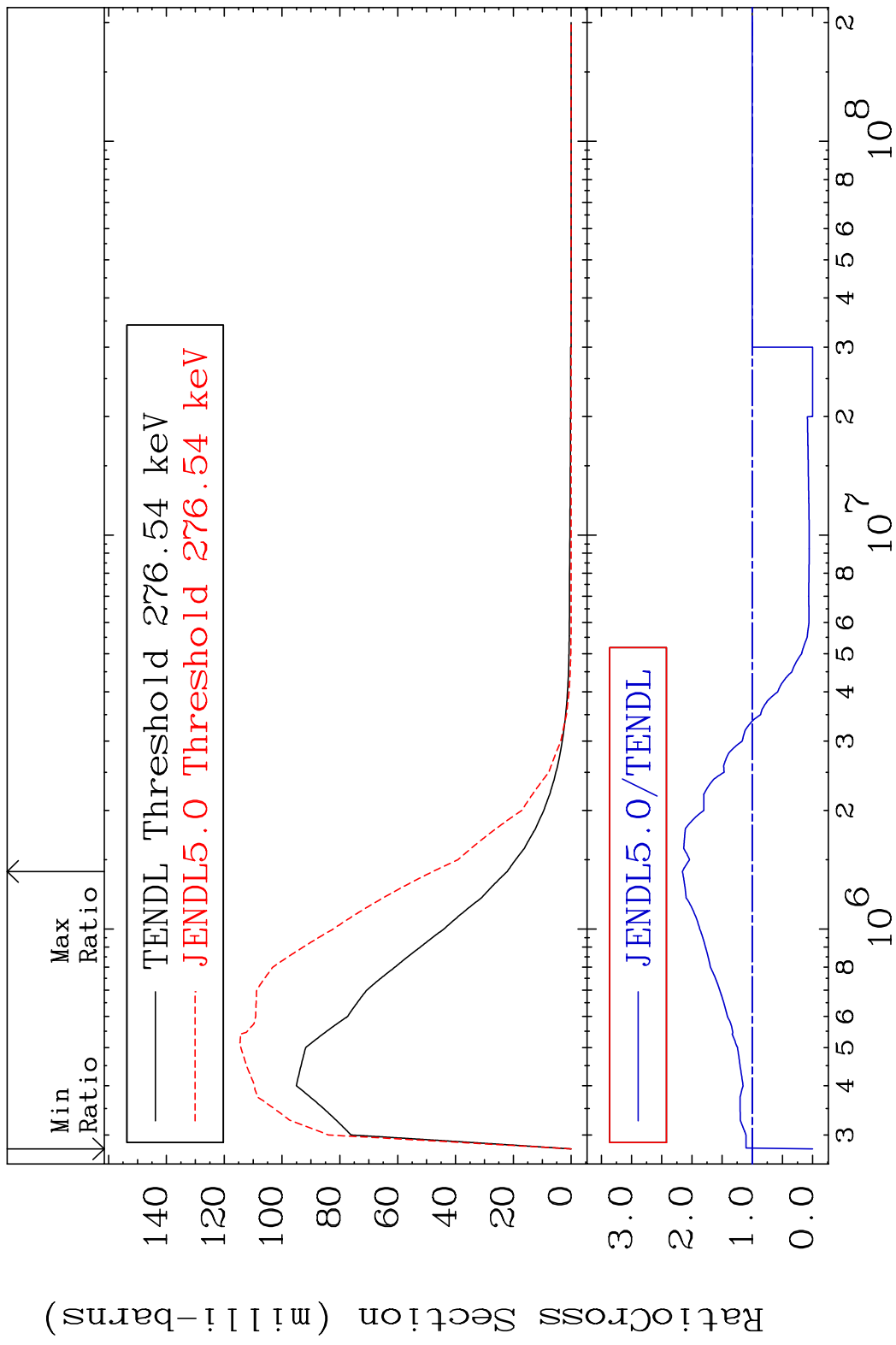
MAT 6507 MT= 58 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 181.1 %



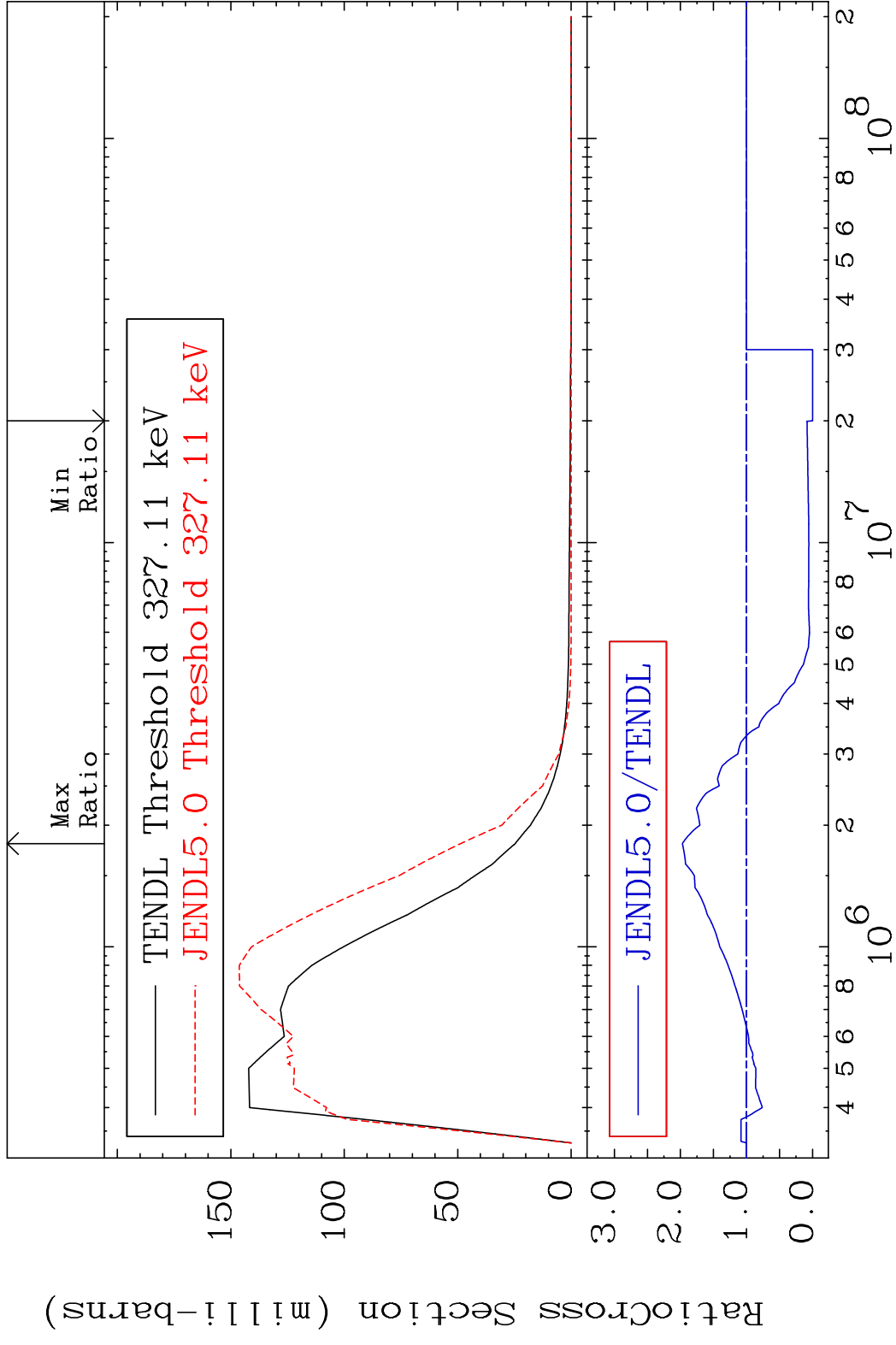
MAT 6507 MT= 59 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 208.8 %



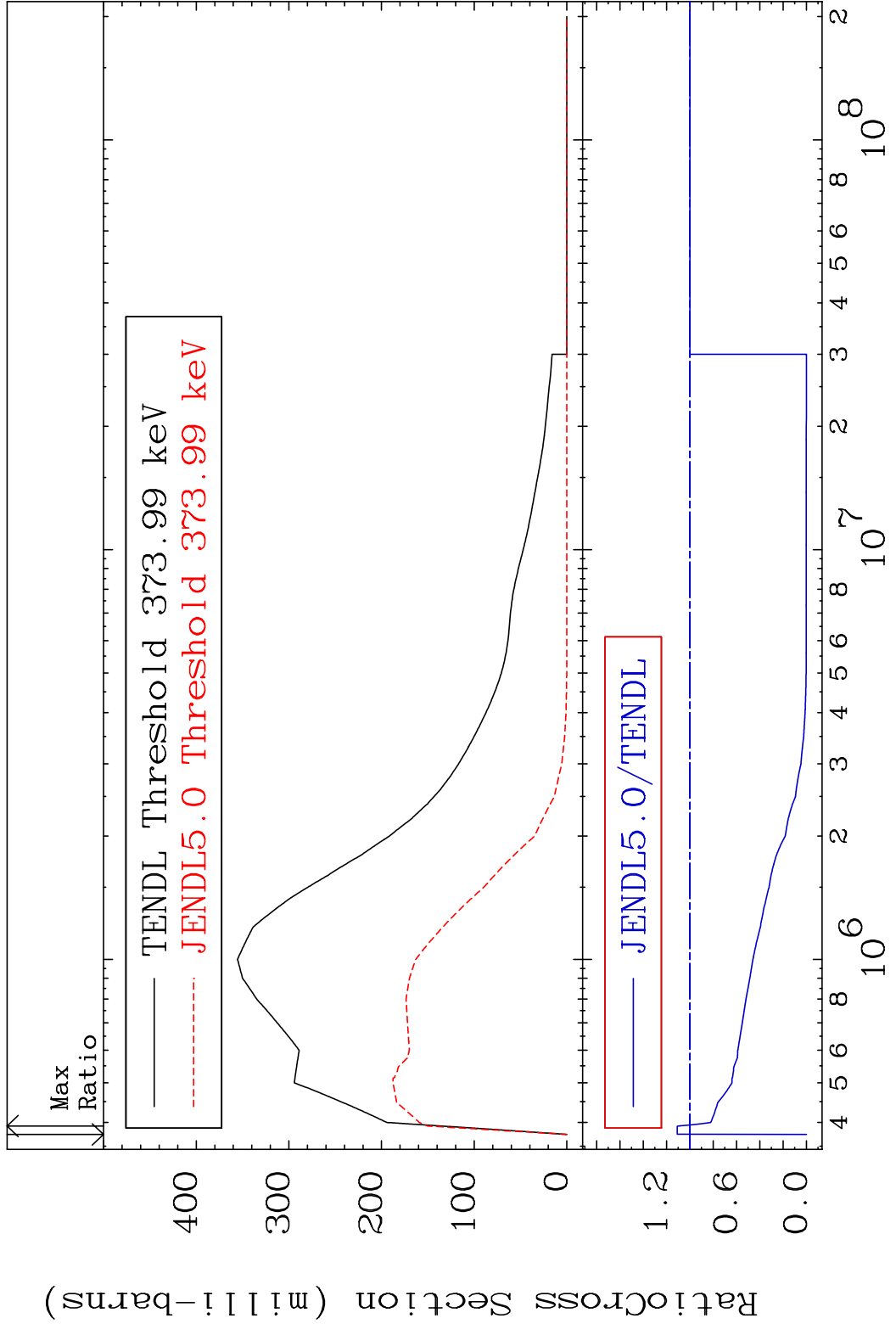
MAT 6507 MT= 60 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 115.8 %



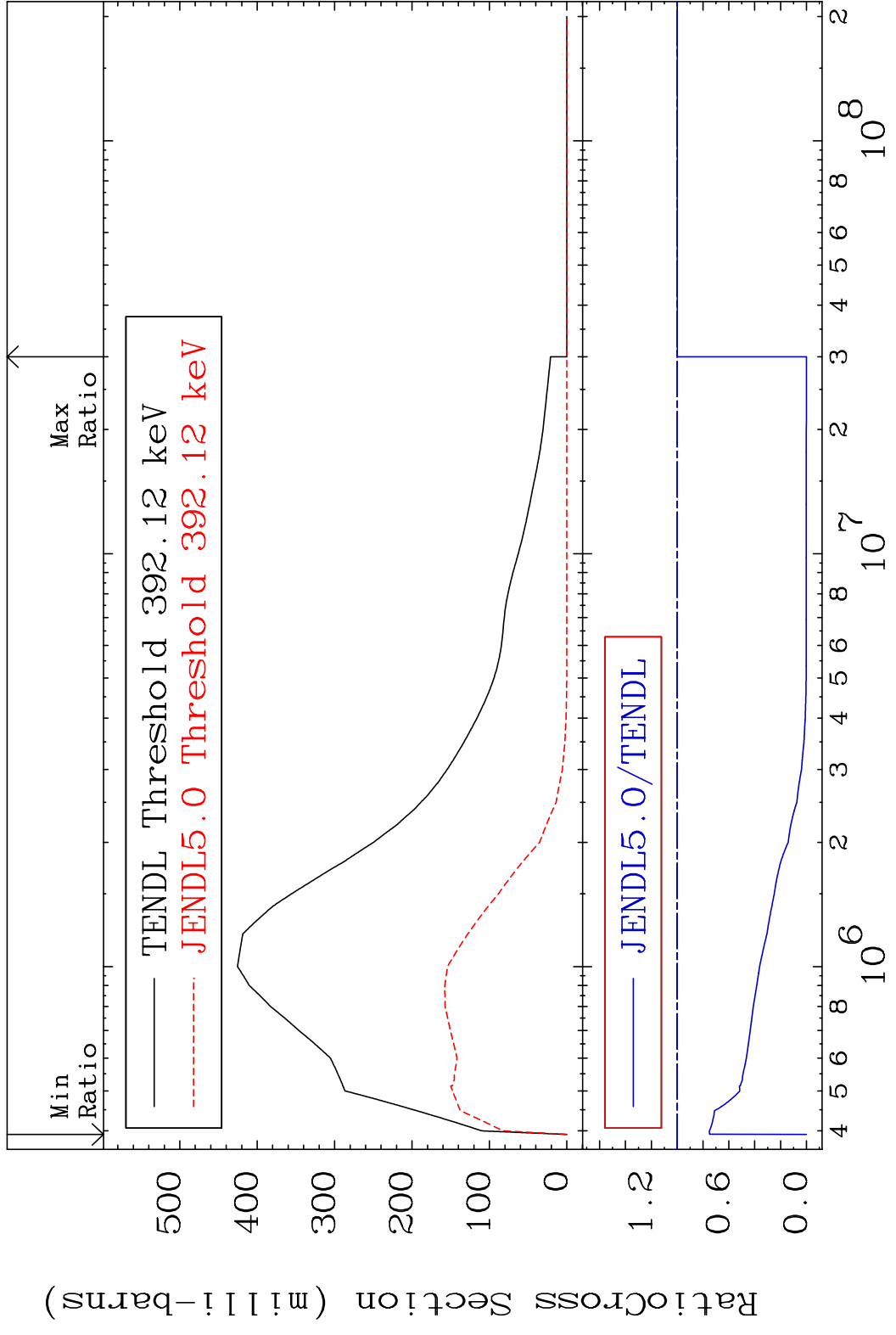
MAT 6507 MT= 61 (n, n') Level 65-Tb-153  
 Cross Section -100.0 To 97.08 %



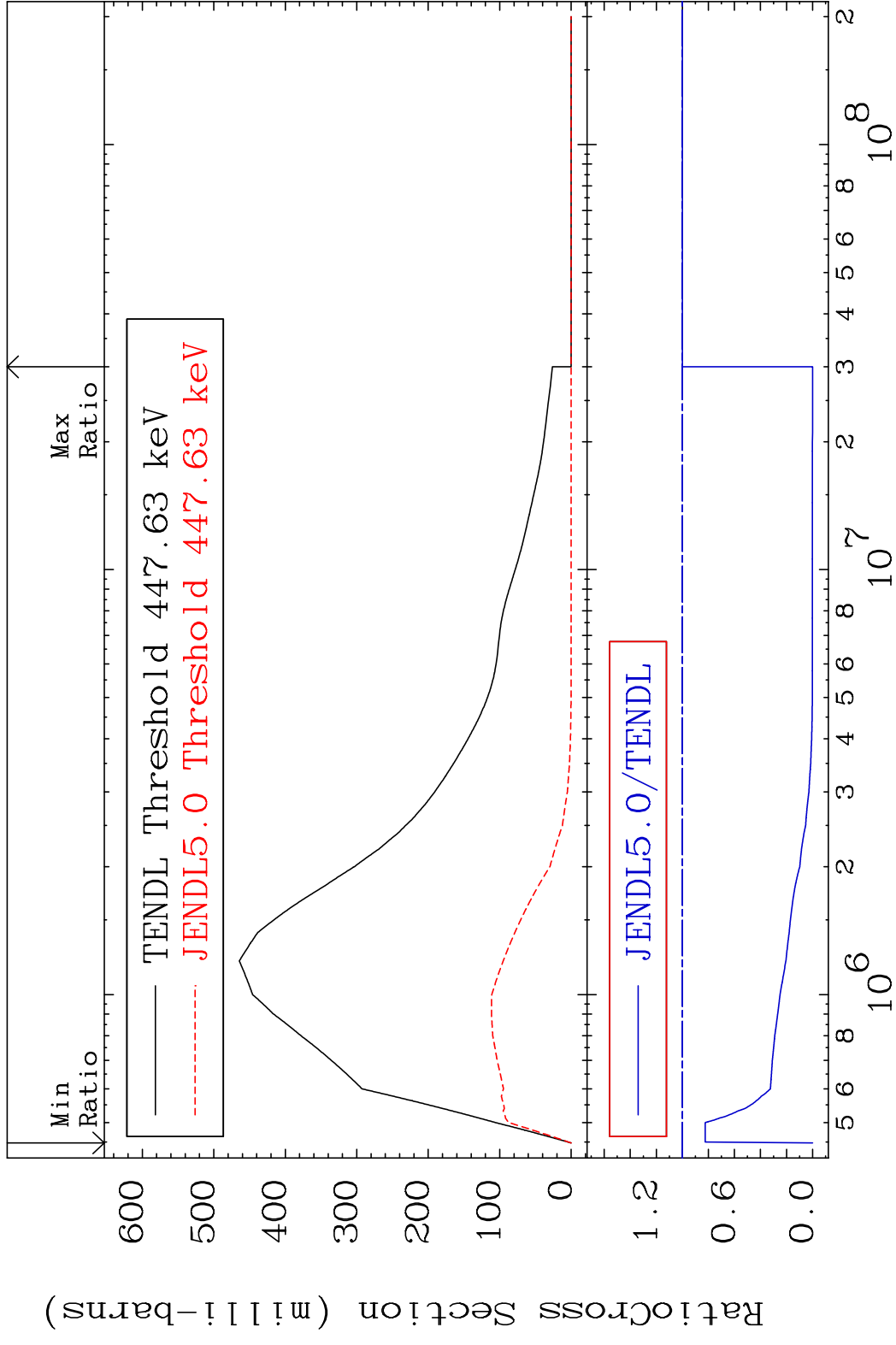
MAT 6507 MT= 62 (n, n') Level 65-Tb-153  
 Cross Section -100.0 To 10.86 %



MAT 6507 MT= 63 (n, n') Level 65-Tb-153  
 Cross Section -100.0 To 0.000 %

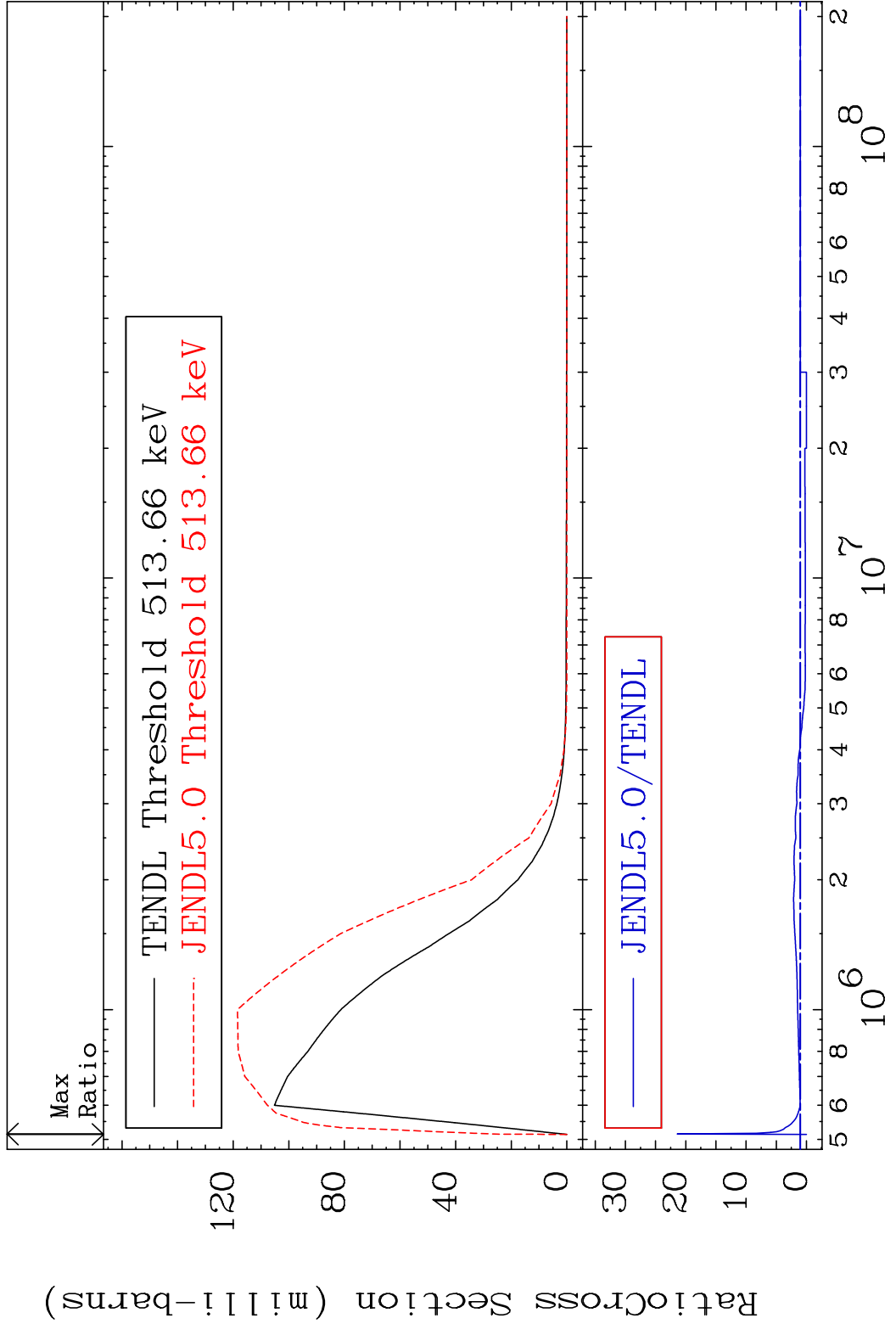


MAT 6507 MT= 64 (n, n') Level 65-Tb-153  
 Cross Section -100.0 To 0.000 %

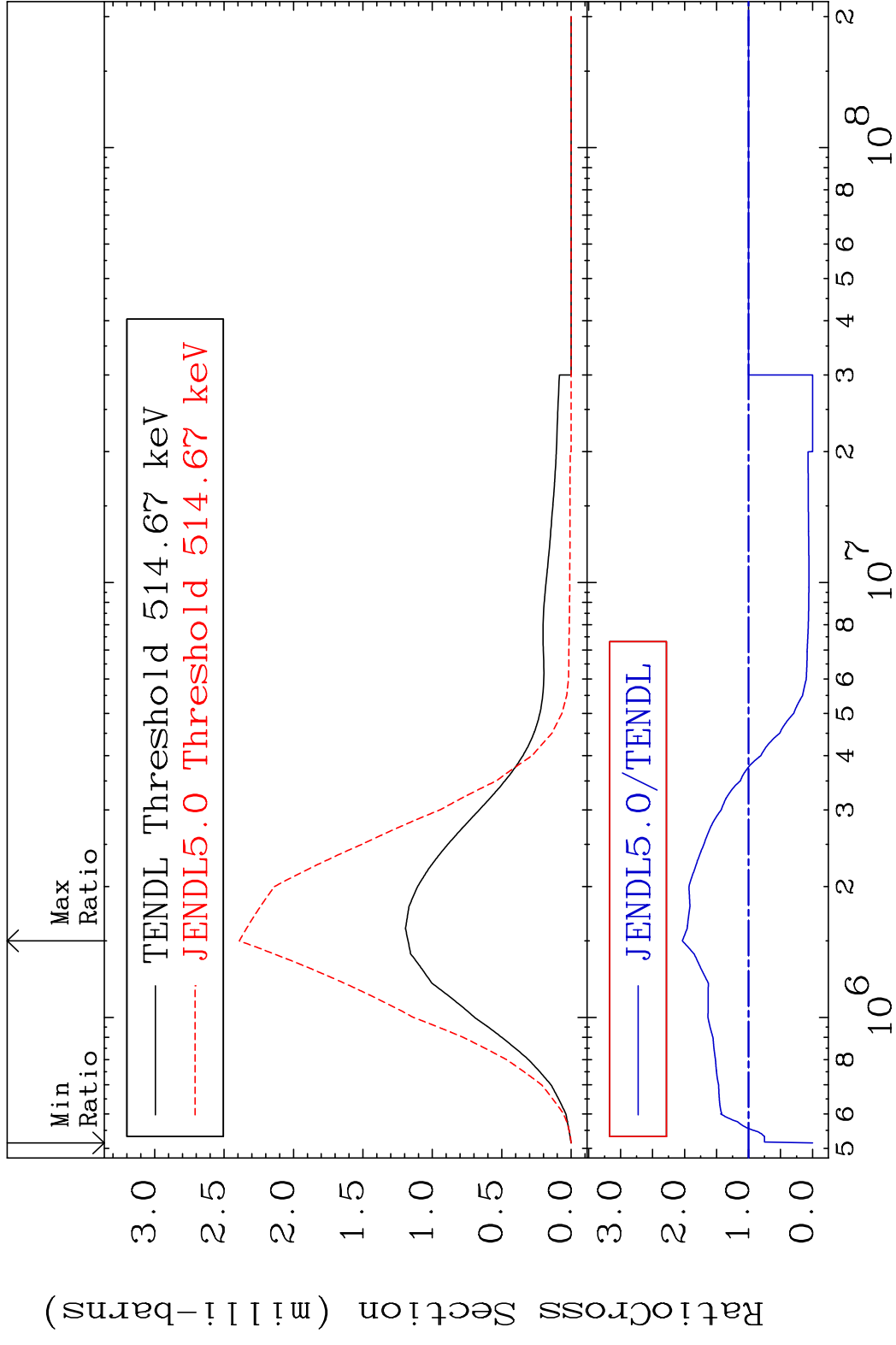


26 Incident Energy (eV) 65-Tb-153

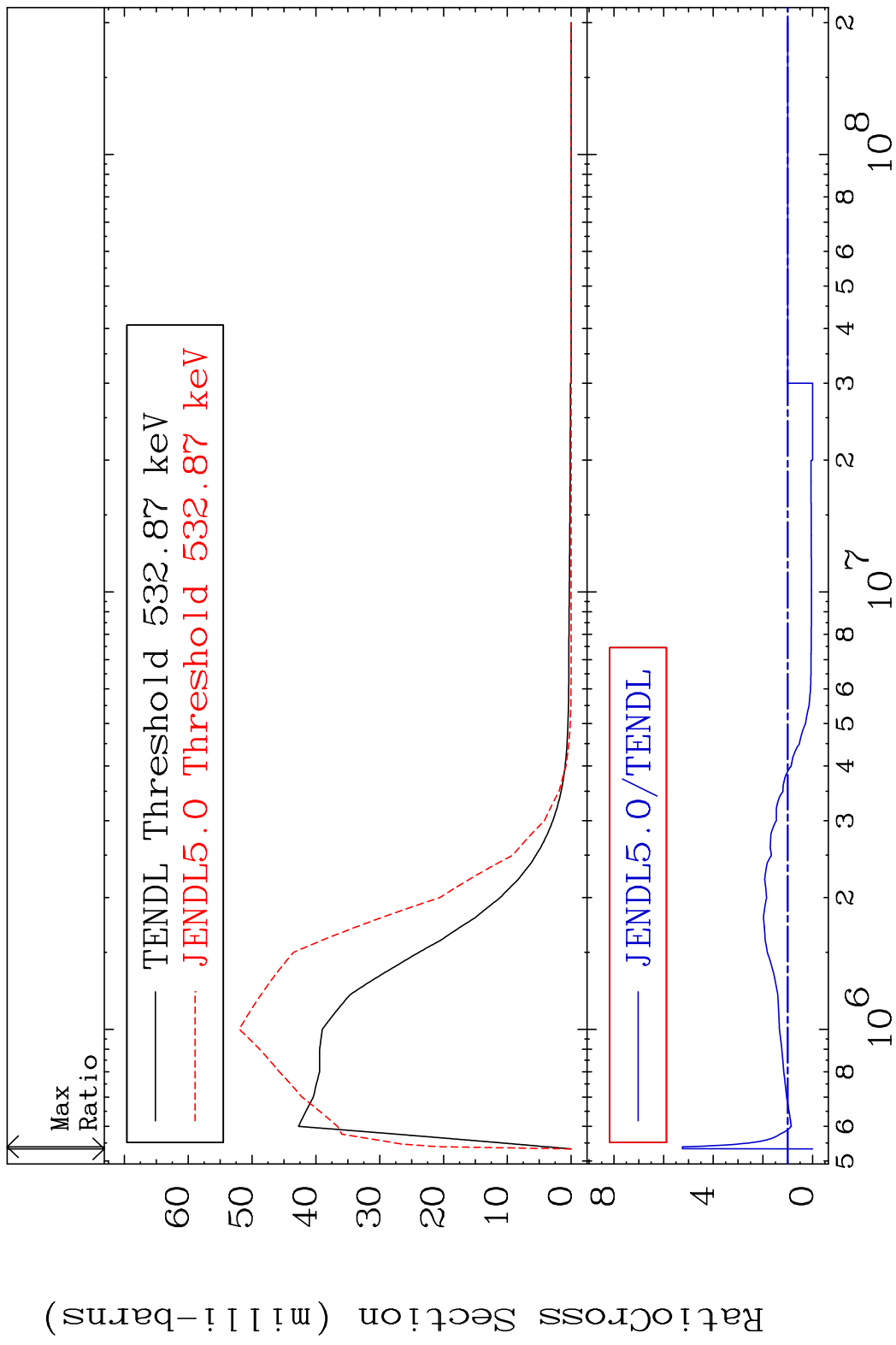
MAT 6507 MT= 65 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 2042. %



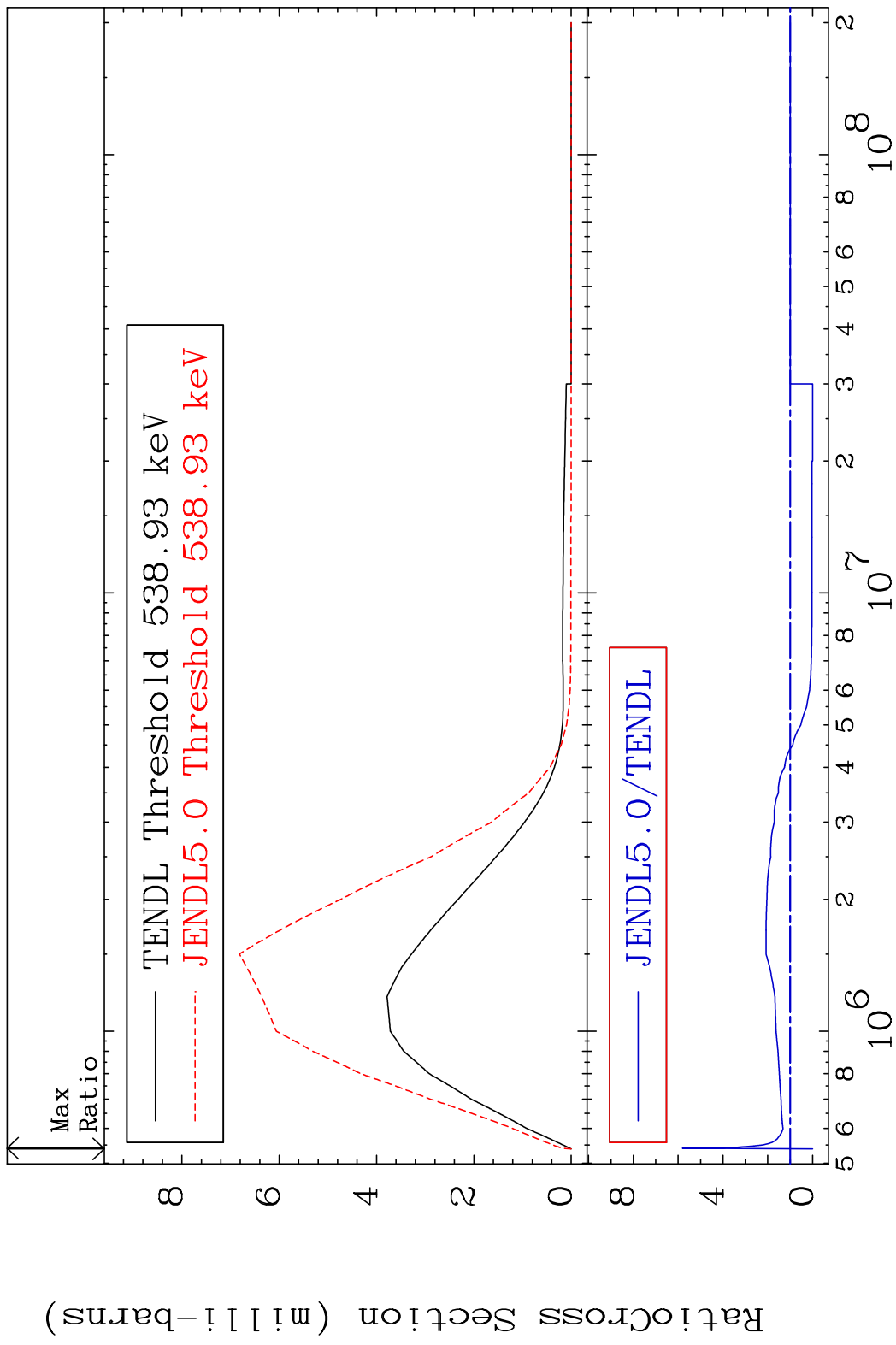
MAT 6507 MT= 66 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 103.4 %



MAT 6507 MT= 67 (n, n') Level 65-Tb-153  
 Cross Section -100.0 To 424.5 %

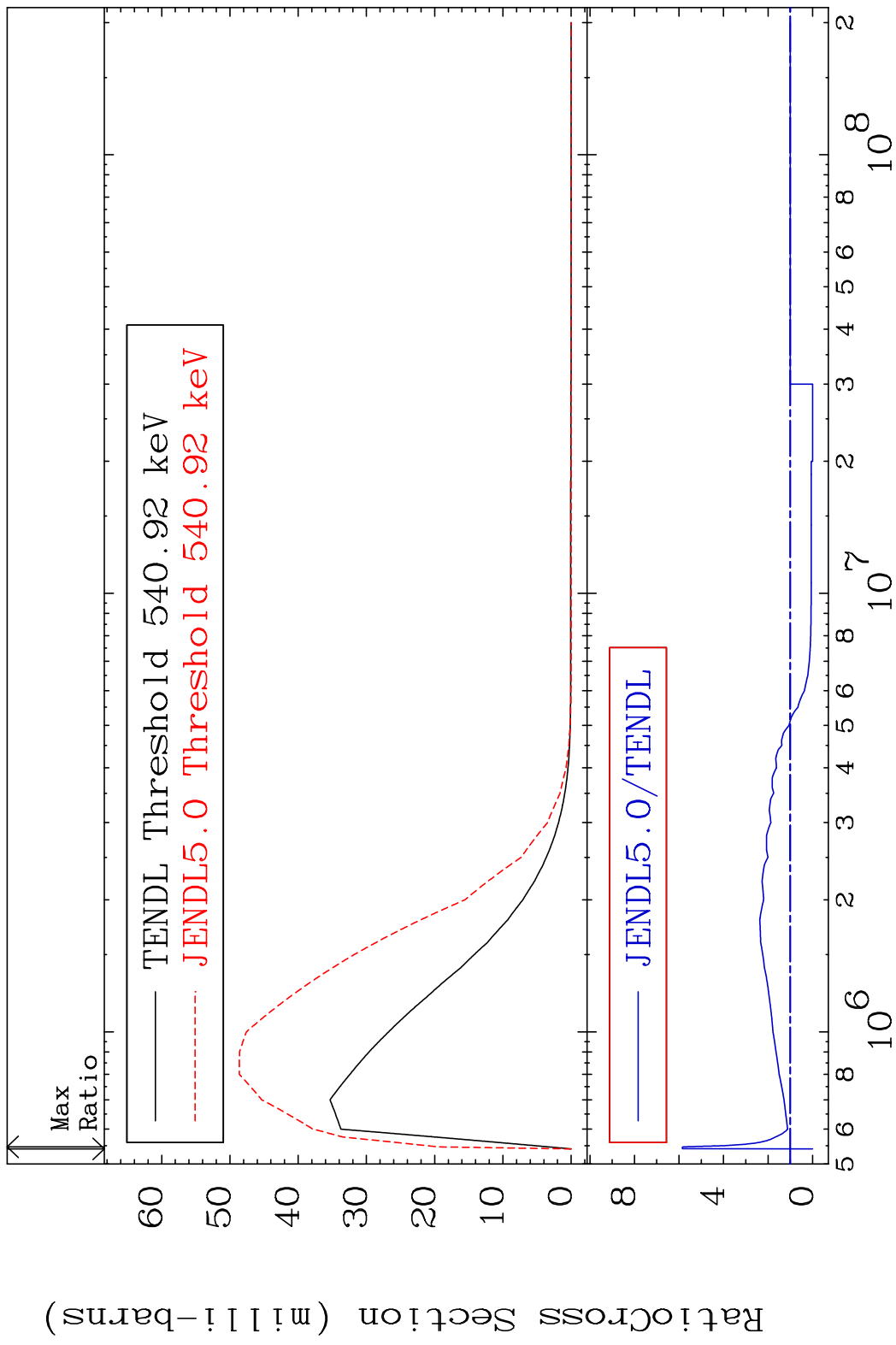


MAT 6507 MT= 68 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 481.1 %

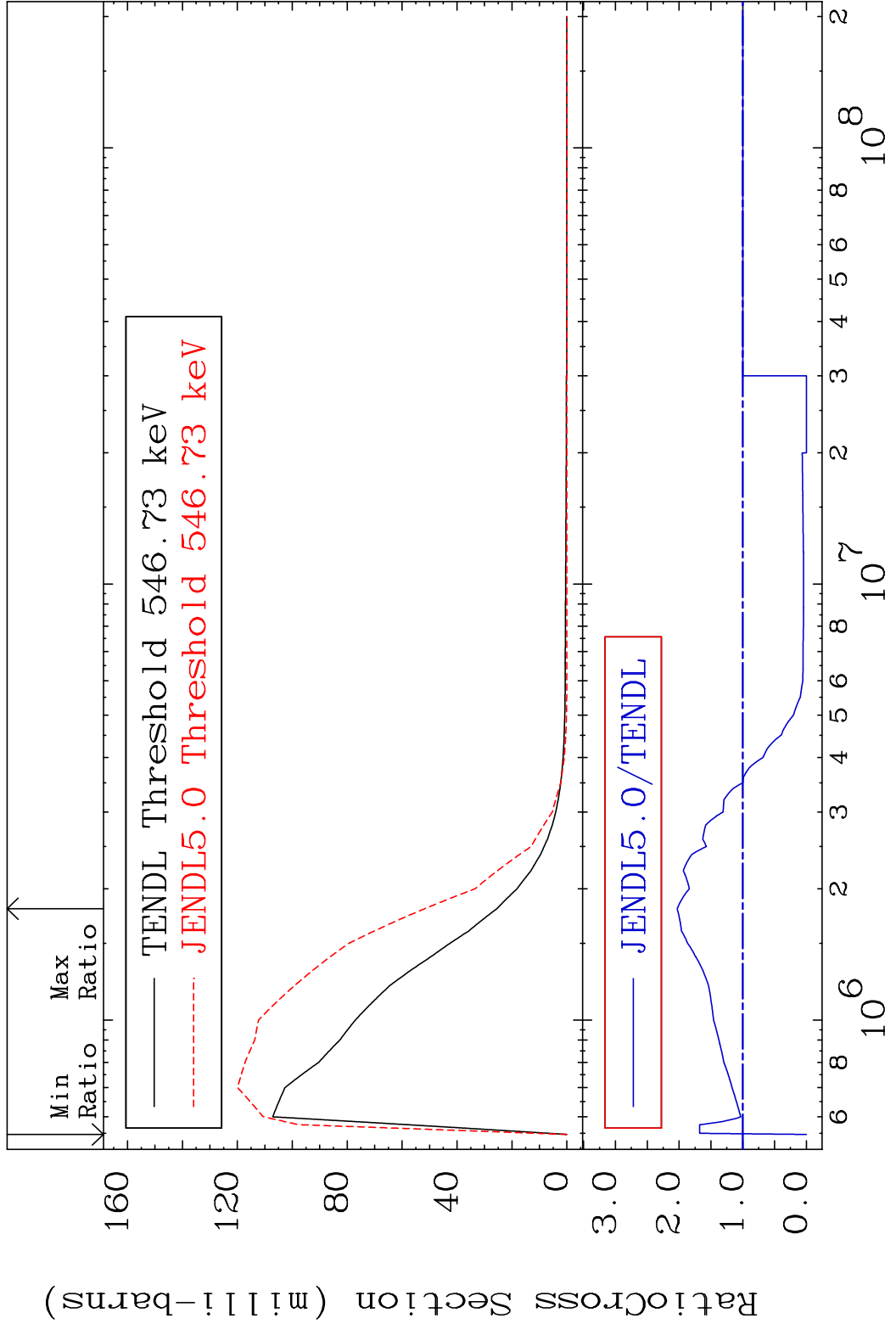


30 Incident Energy (eV) 65-Tb-153

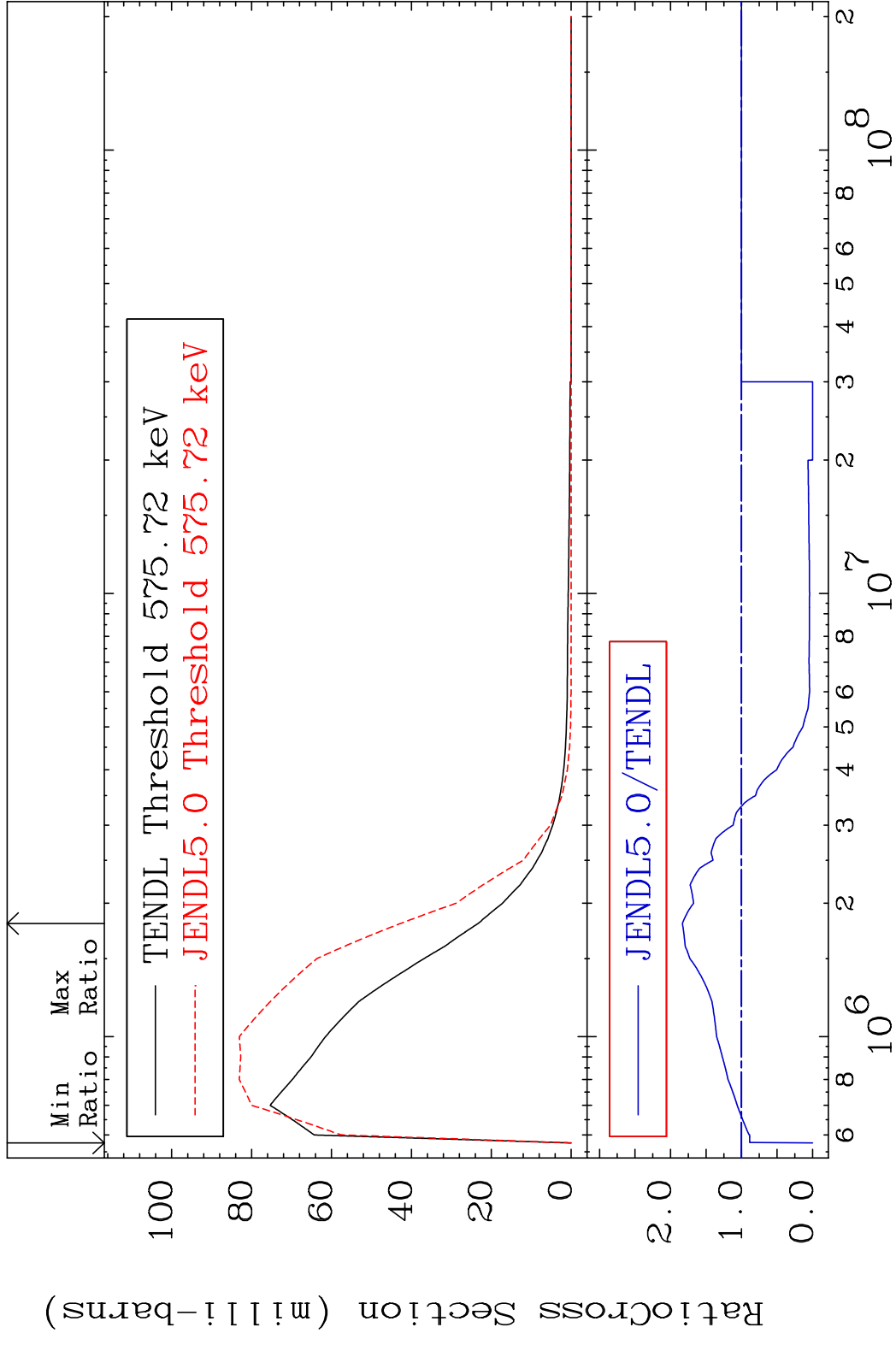
MAT 6507 MT= 69 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 484.8 %



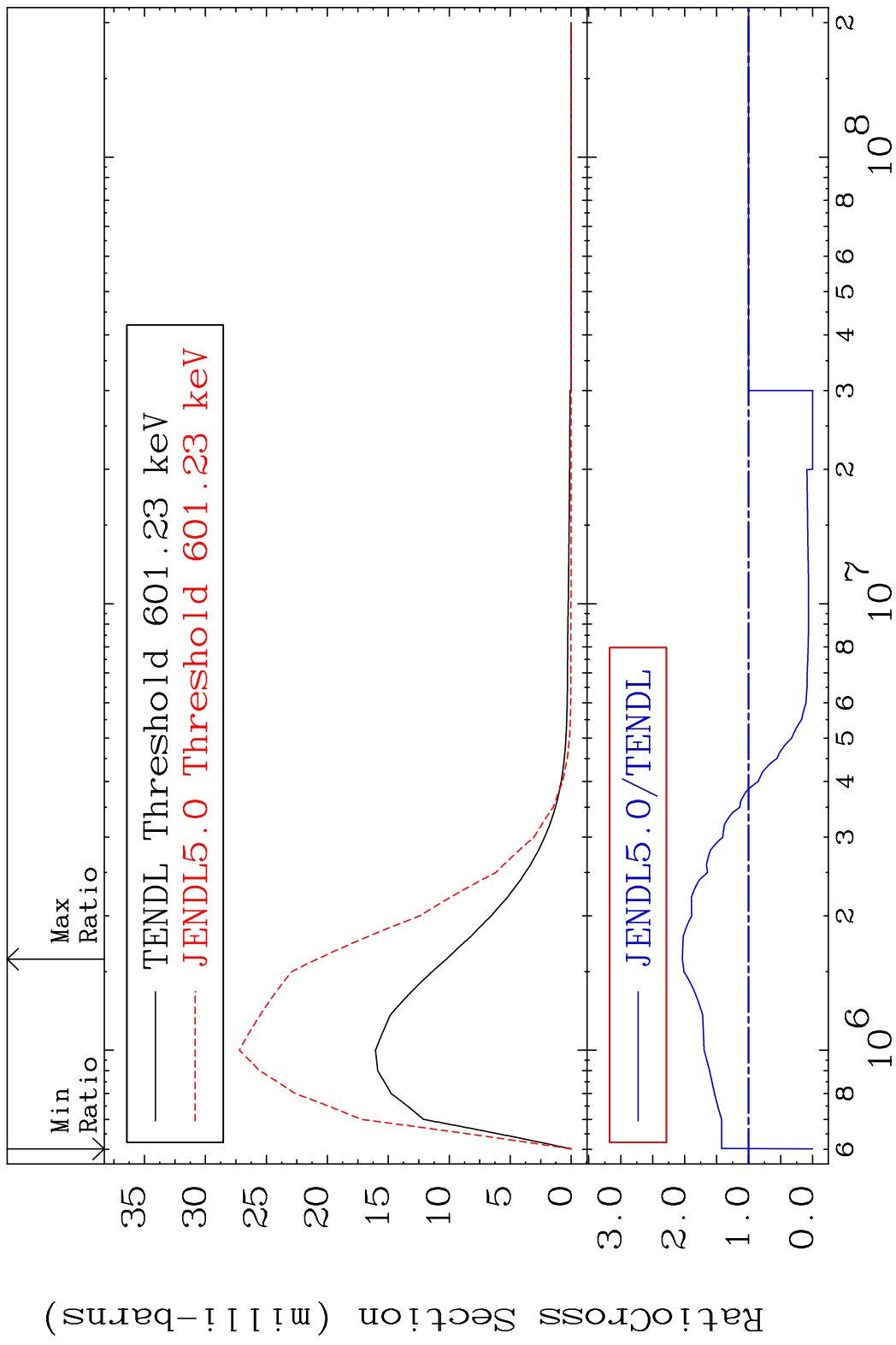
MAT 6507 MT= 70 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 103.0 %



MAT 6507 MT= 71 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 83.35 %



MAT 6507 MT= 72 (n,n') Level 65-Tb-153  
 Cross Section -100.0 To 103.6 %

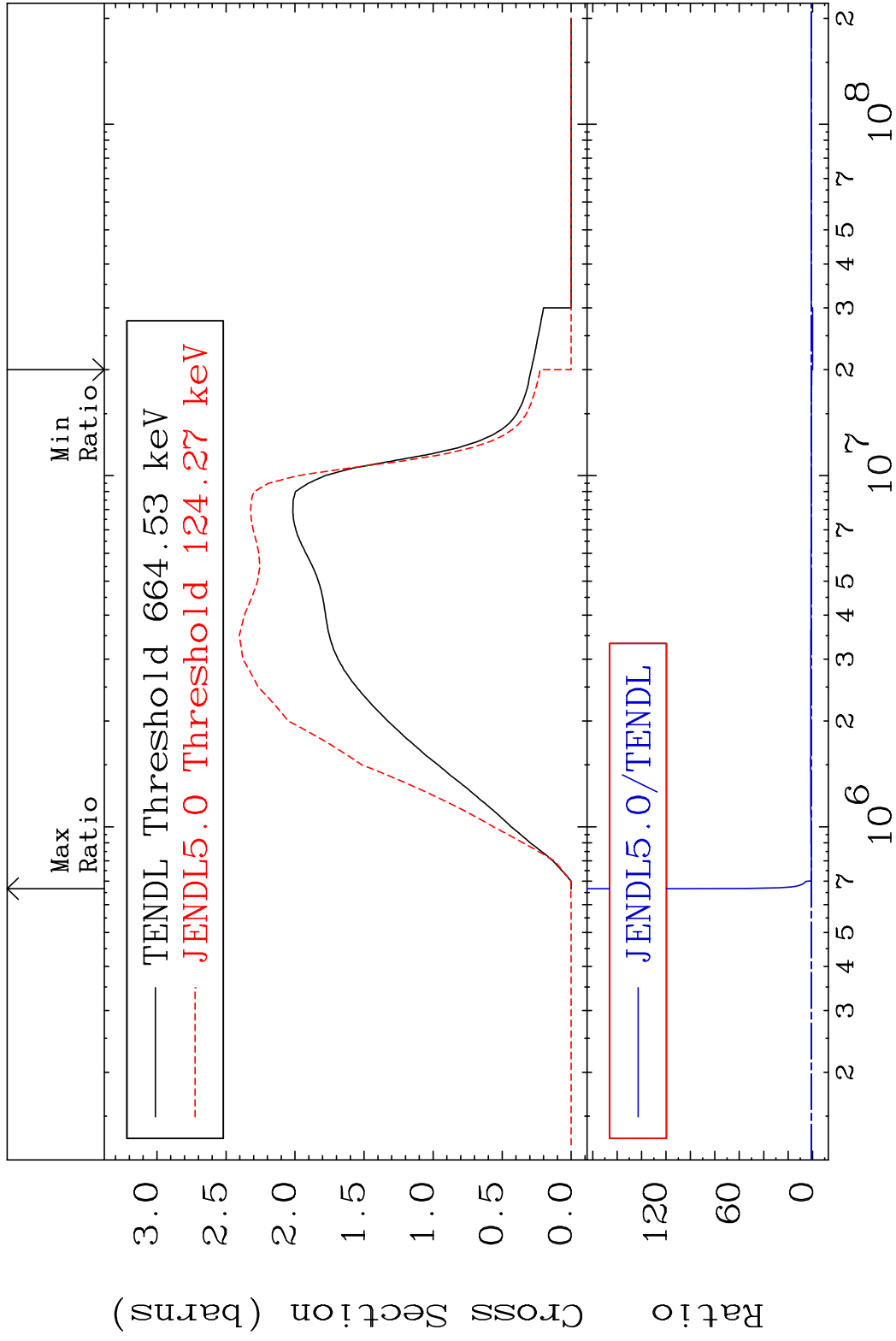


MAT 6507

(n, n') Continuum

65-Tb-153

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

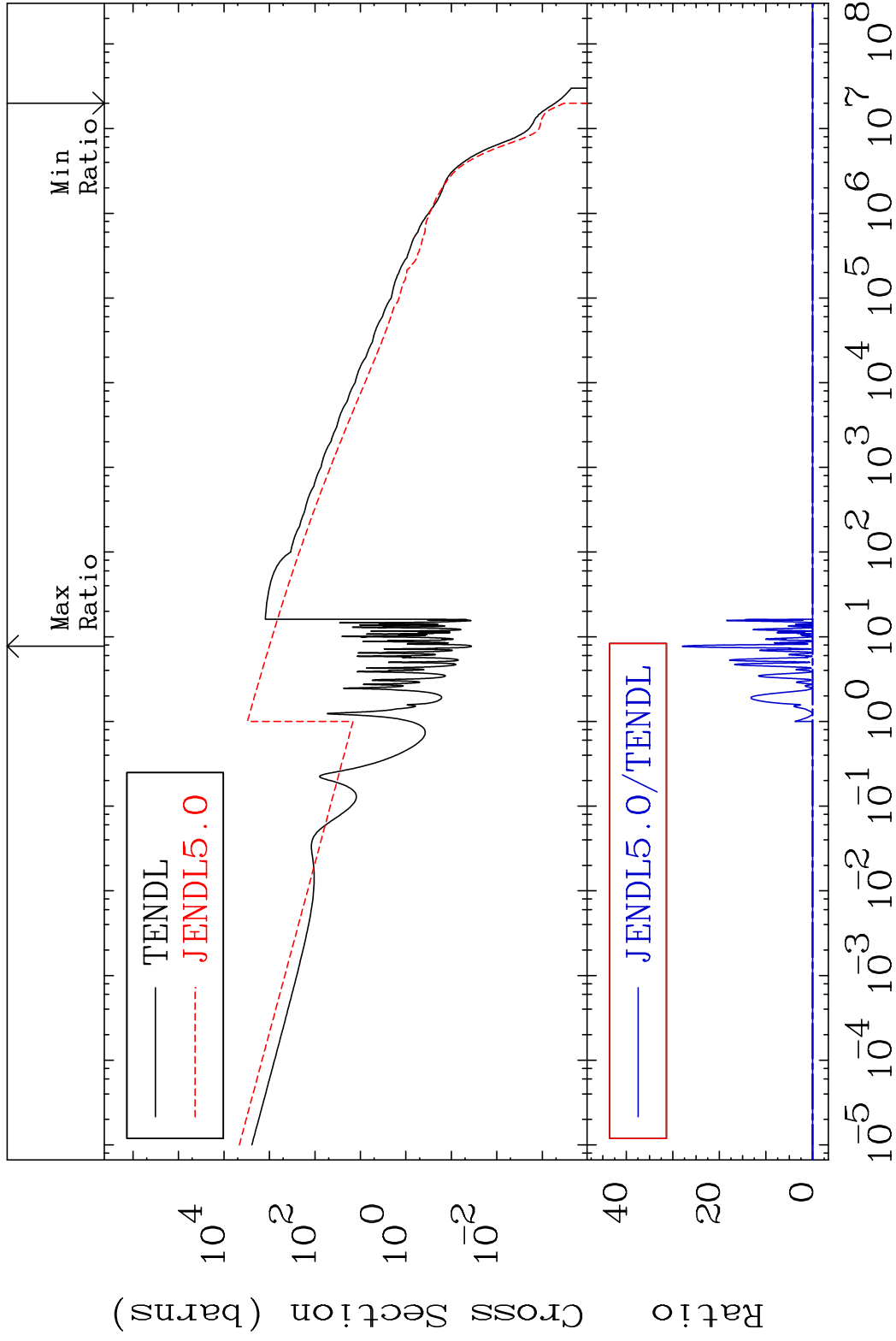
65-Tb-153

MAT 6507

(n,  $\gamma$ )

65-Tb-153

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

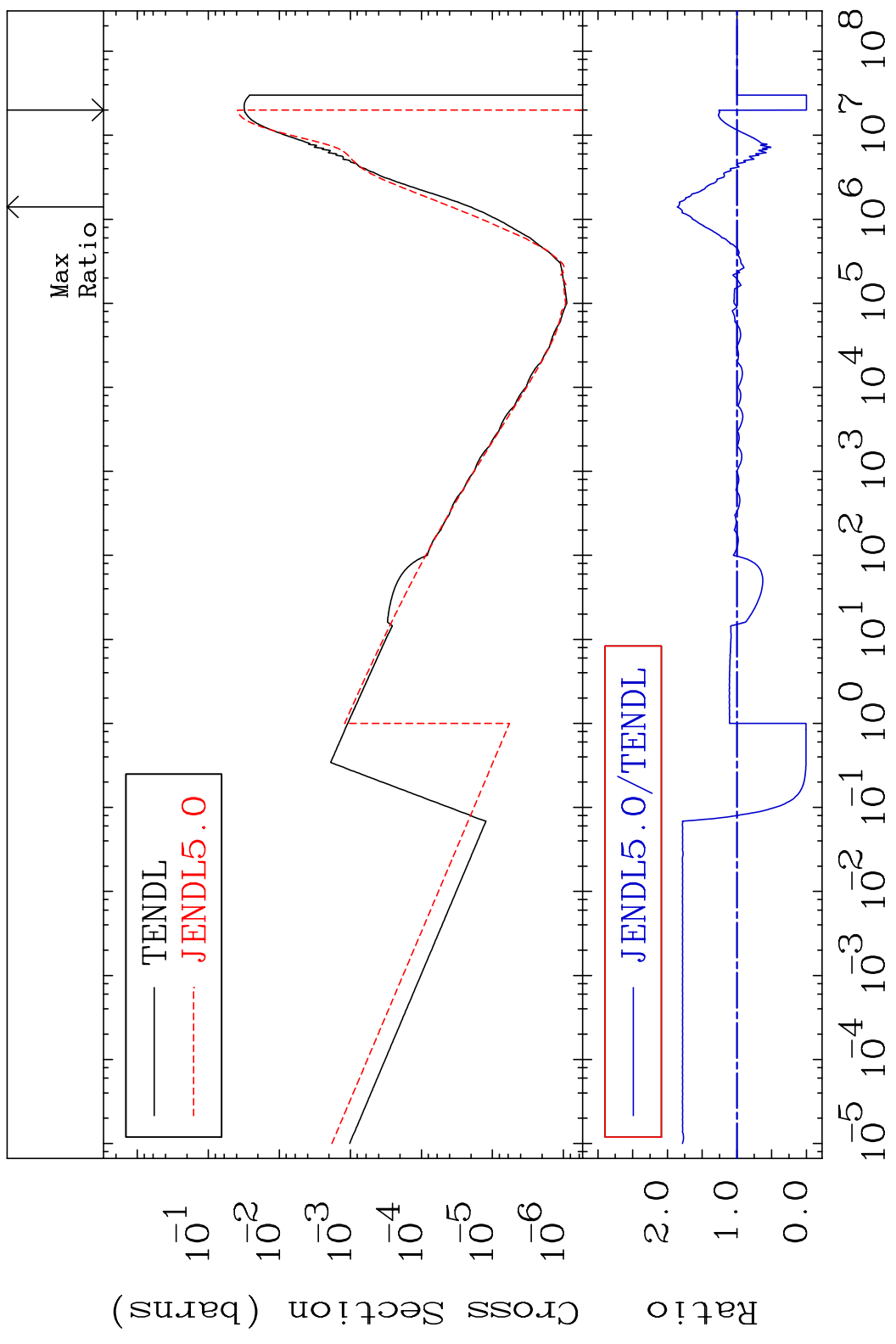
65-Tb-153

MAT 6507

(n, p)

65-Tb-153

Cross Section -100.0 To 85.94 %

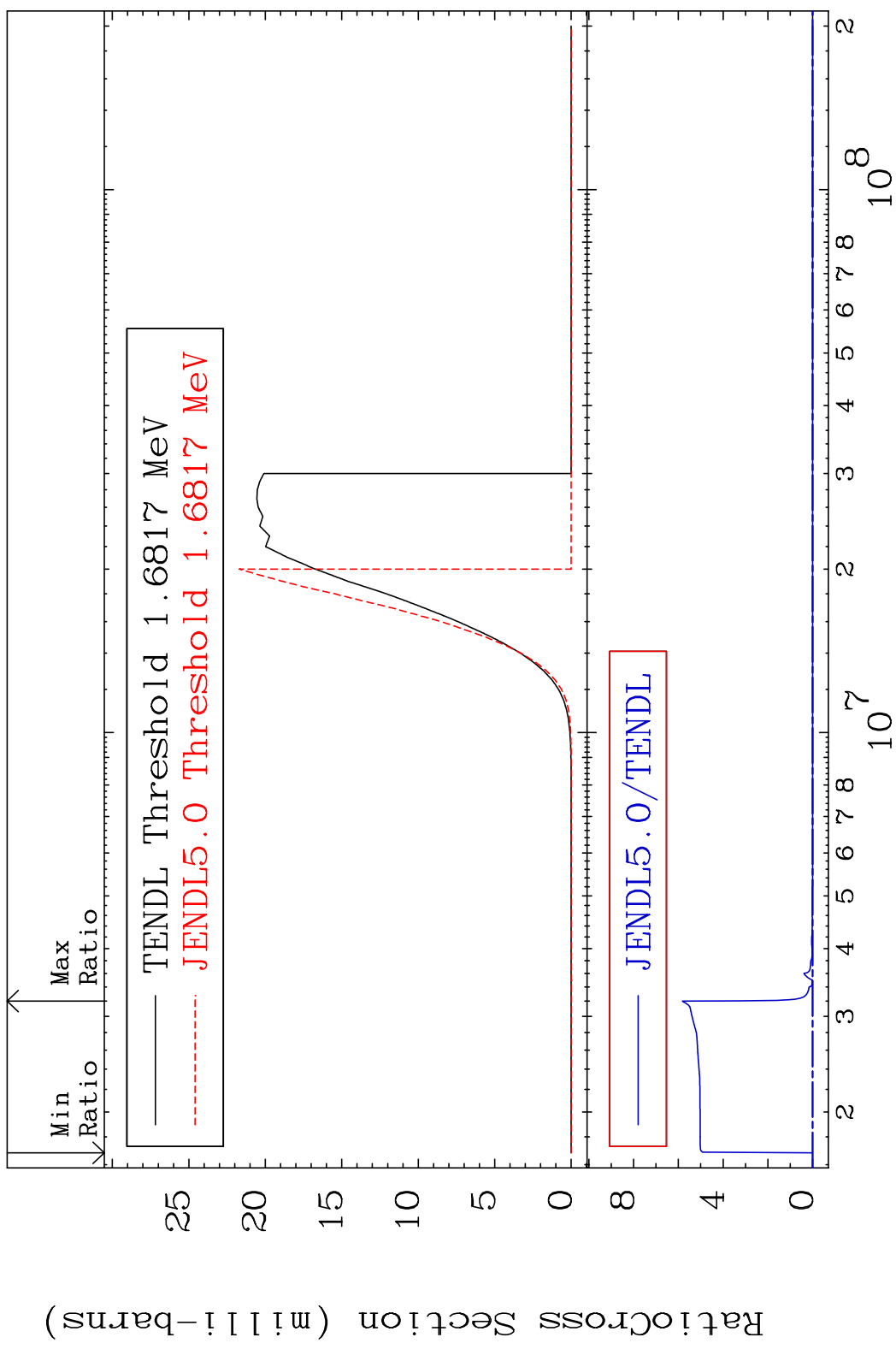


MAT 6507

(n,d)

65-Tb-153

Cross Section -100.0 To 9999. %

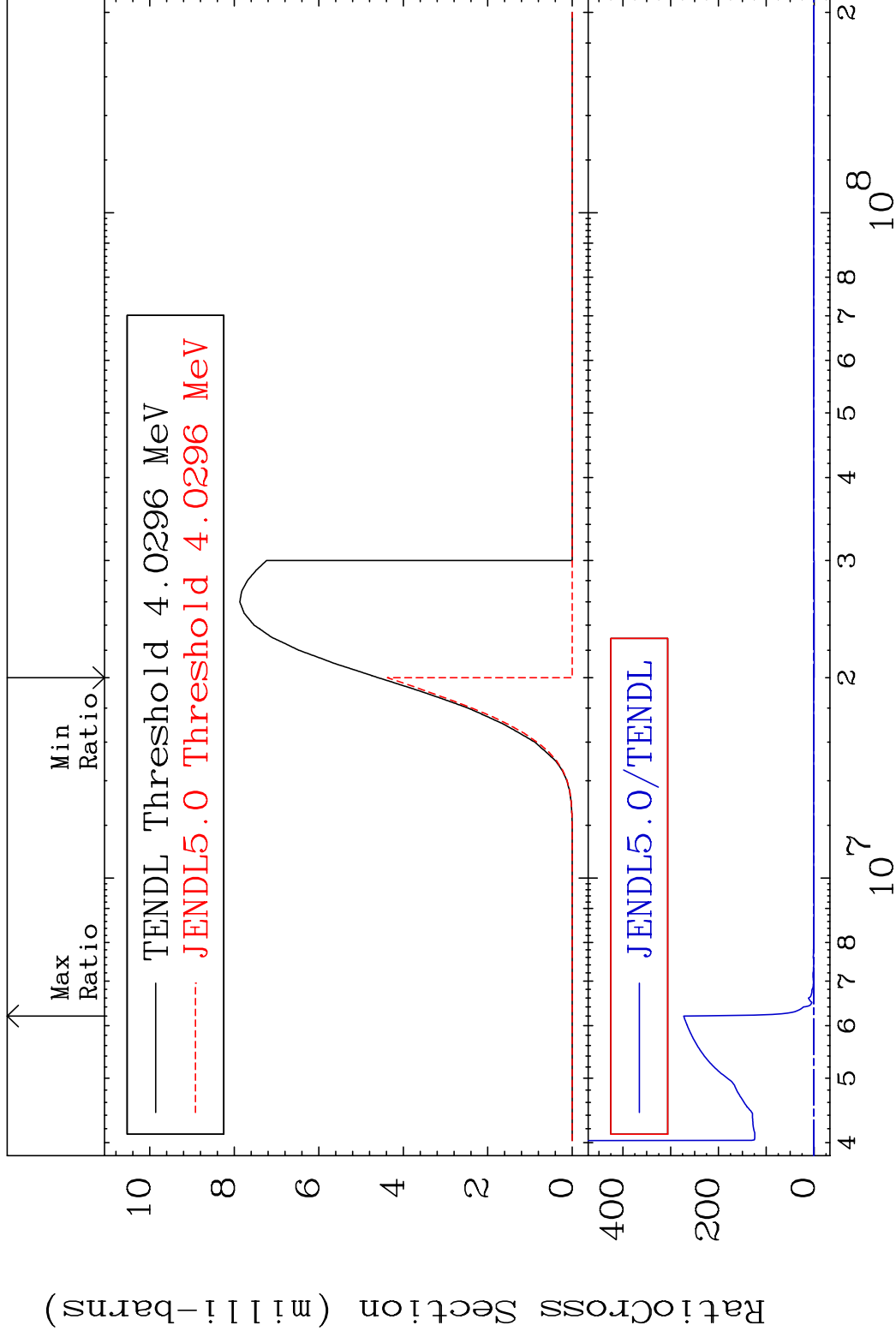


MAT 6507

(n, t)

65-Tb-153

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

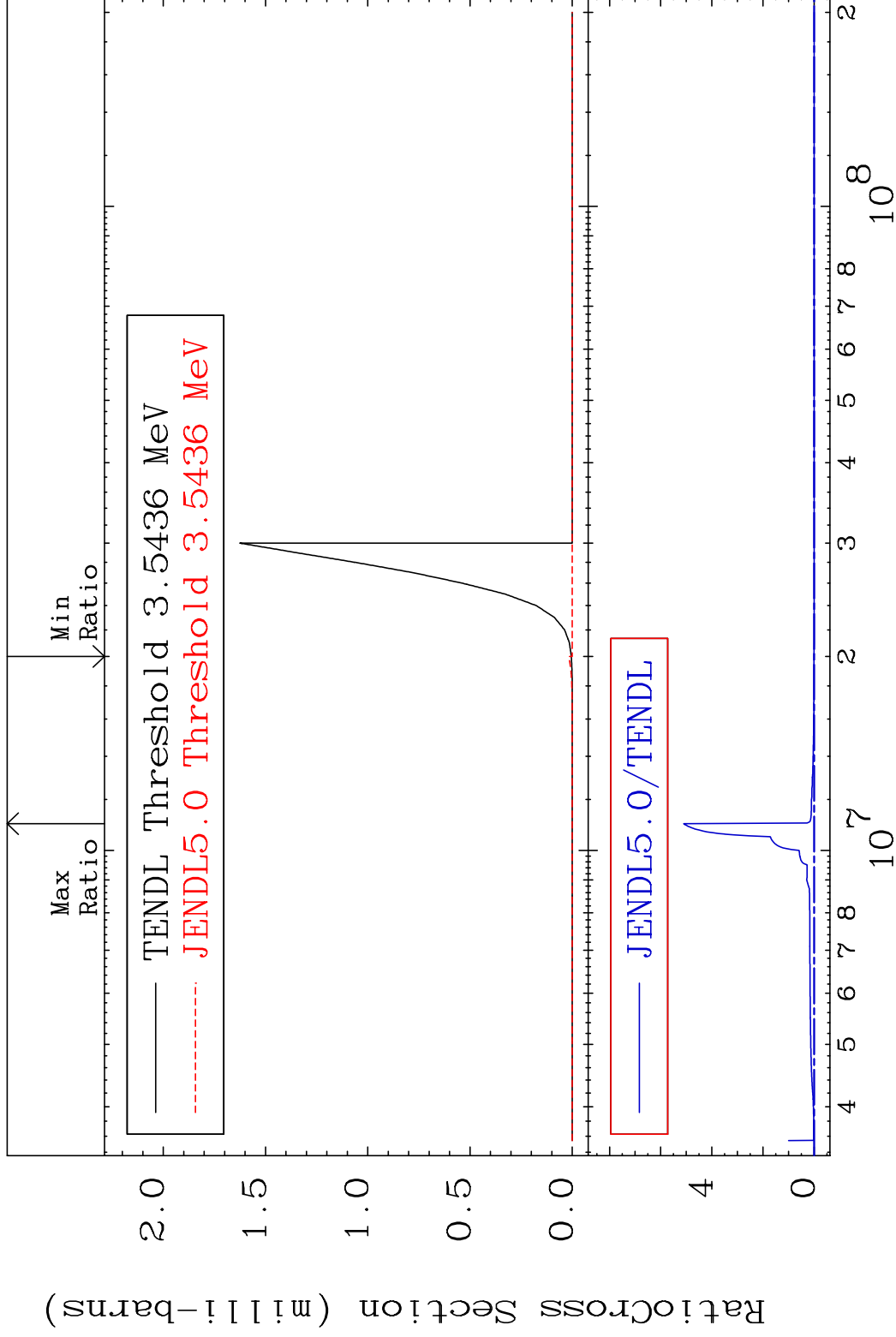
65-Tb-153

MAT 6507

(n, He-3)

65-Tb-153

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

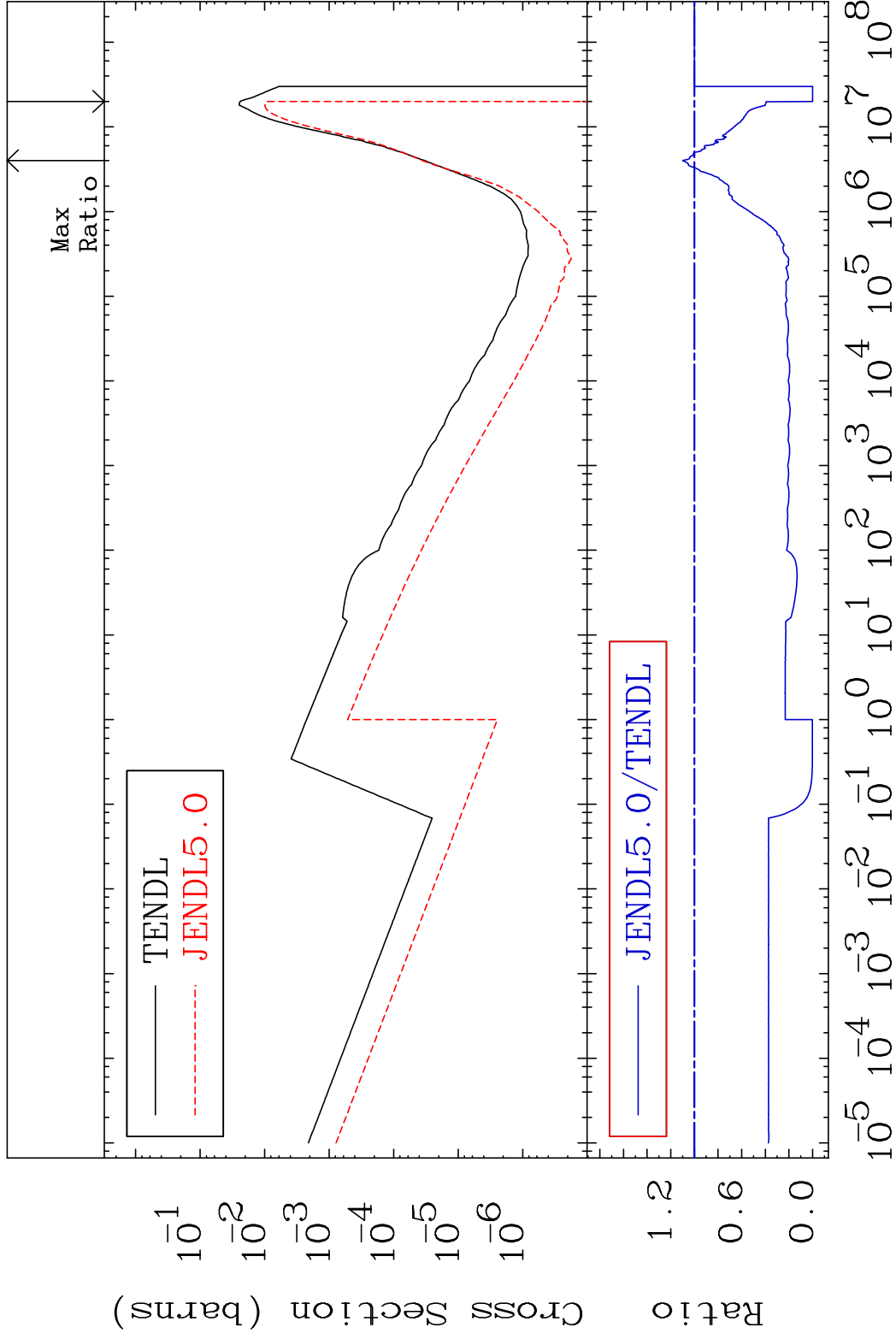
65-Tb-153

MAT 6507

(n,  $\alpha$ )

65-Tb-153

Cross Section -100.0 To 10.19 %



41

Incident Energy (eV)

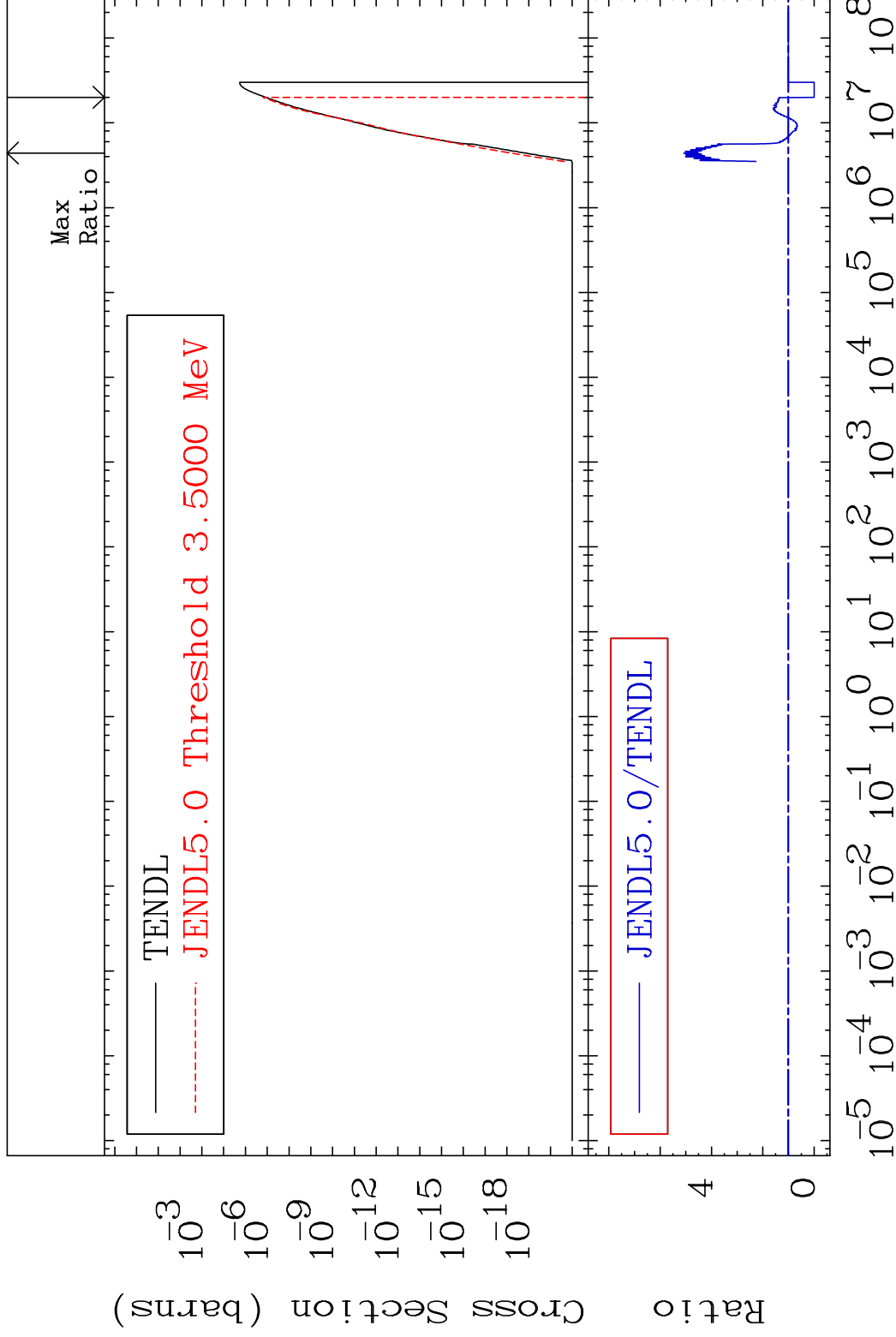
65-Tb-153

MAT 6507

(n,p)  $\alpha$

65-Tb-153

Cross Section -100.0 To 408.4 %



42

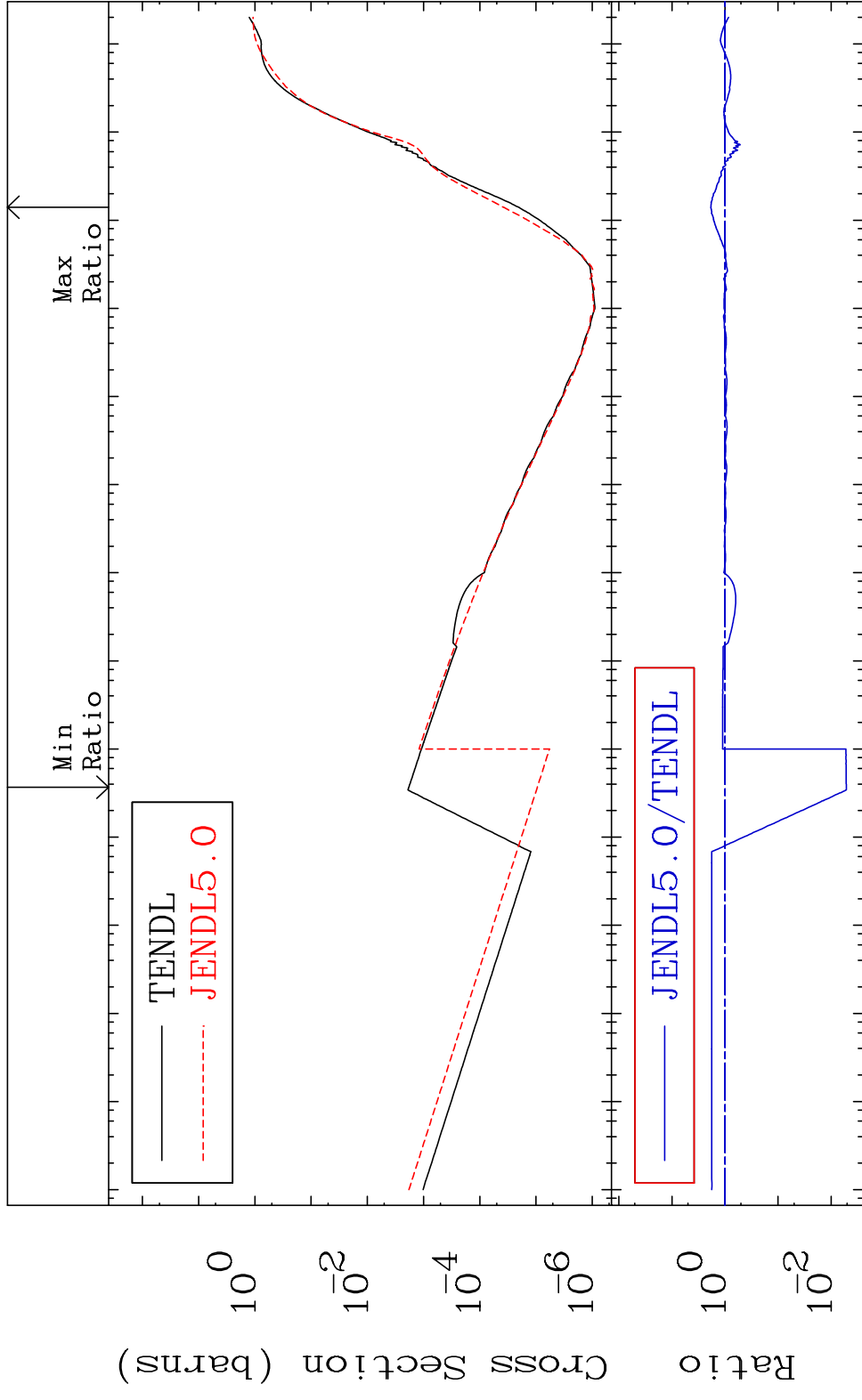
Incident Energy (eV)

65-Tb-153

MAT 6507

Hydrogen Production  
Cross Section -99.48 To 85.94 %

65-Tb-153

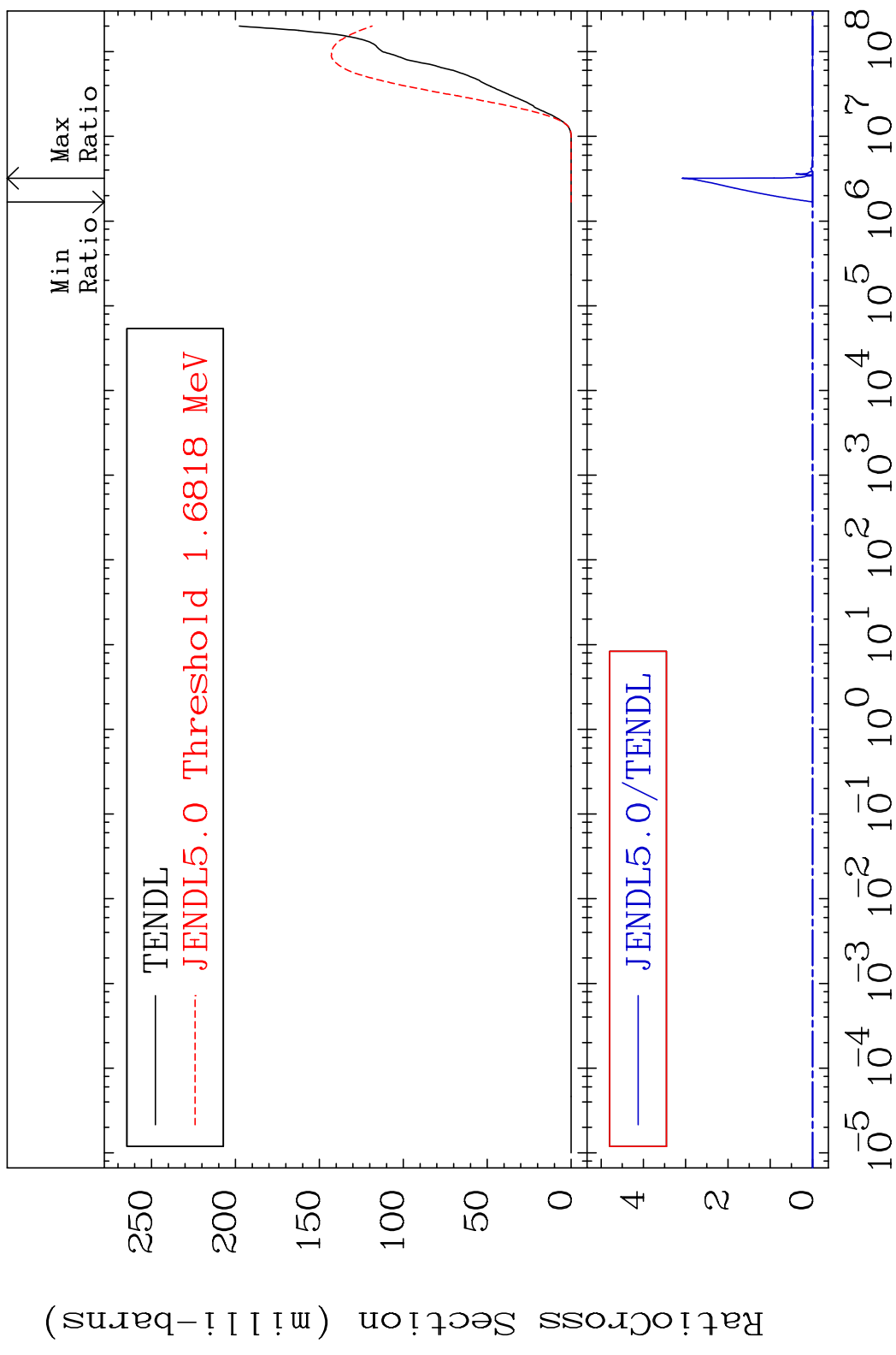


MAT 6507

Deuterium Production

65-Tb-153

Cross Section -100.0 To 9999. %

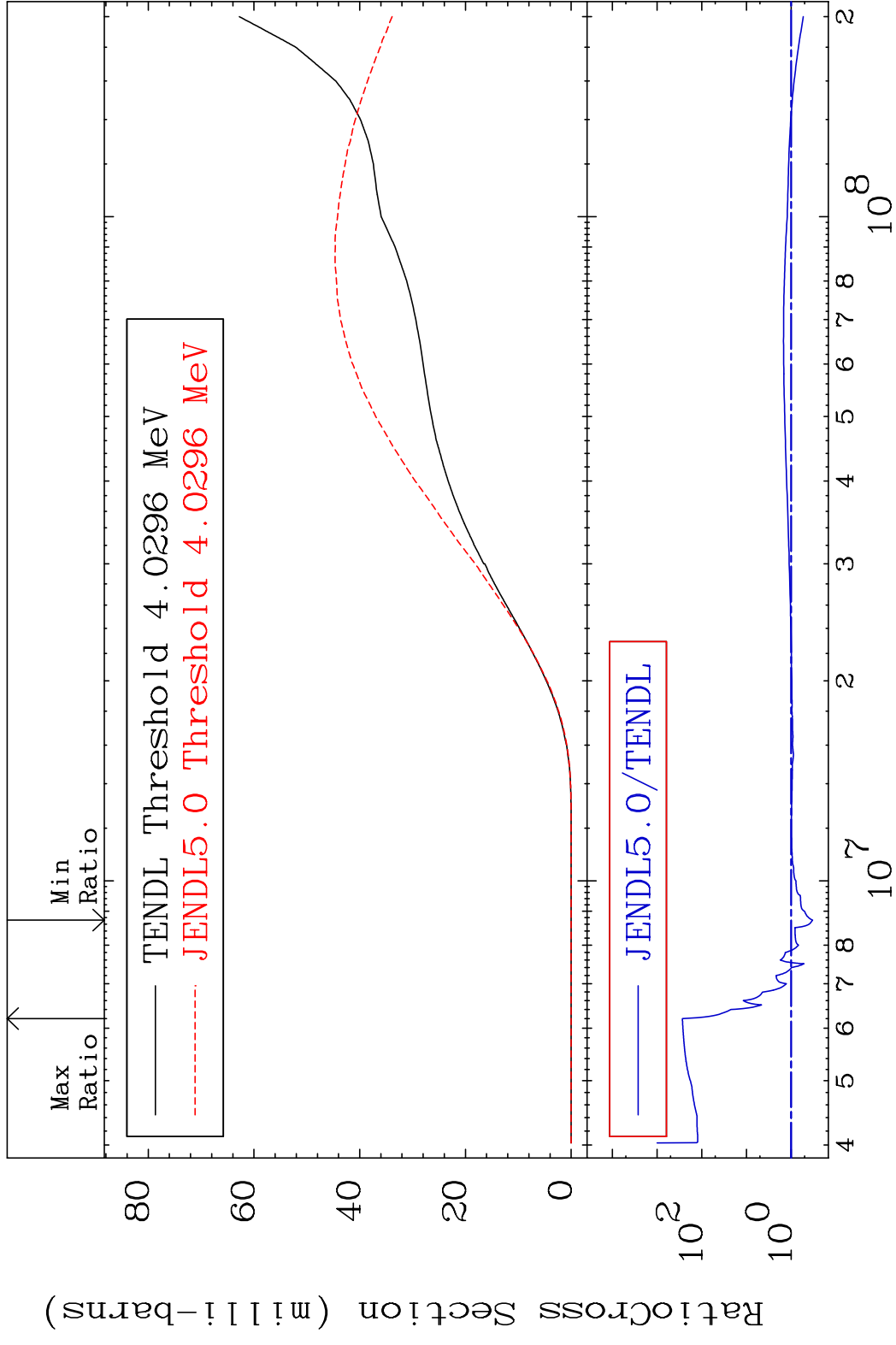


MAT 6507

Tritium Production

65-Tb-153

Cross Section -66.63 To 9999. %

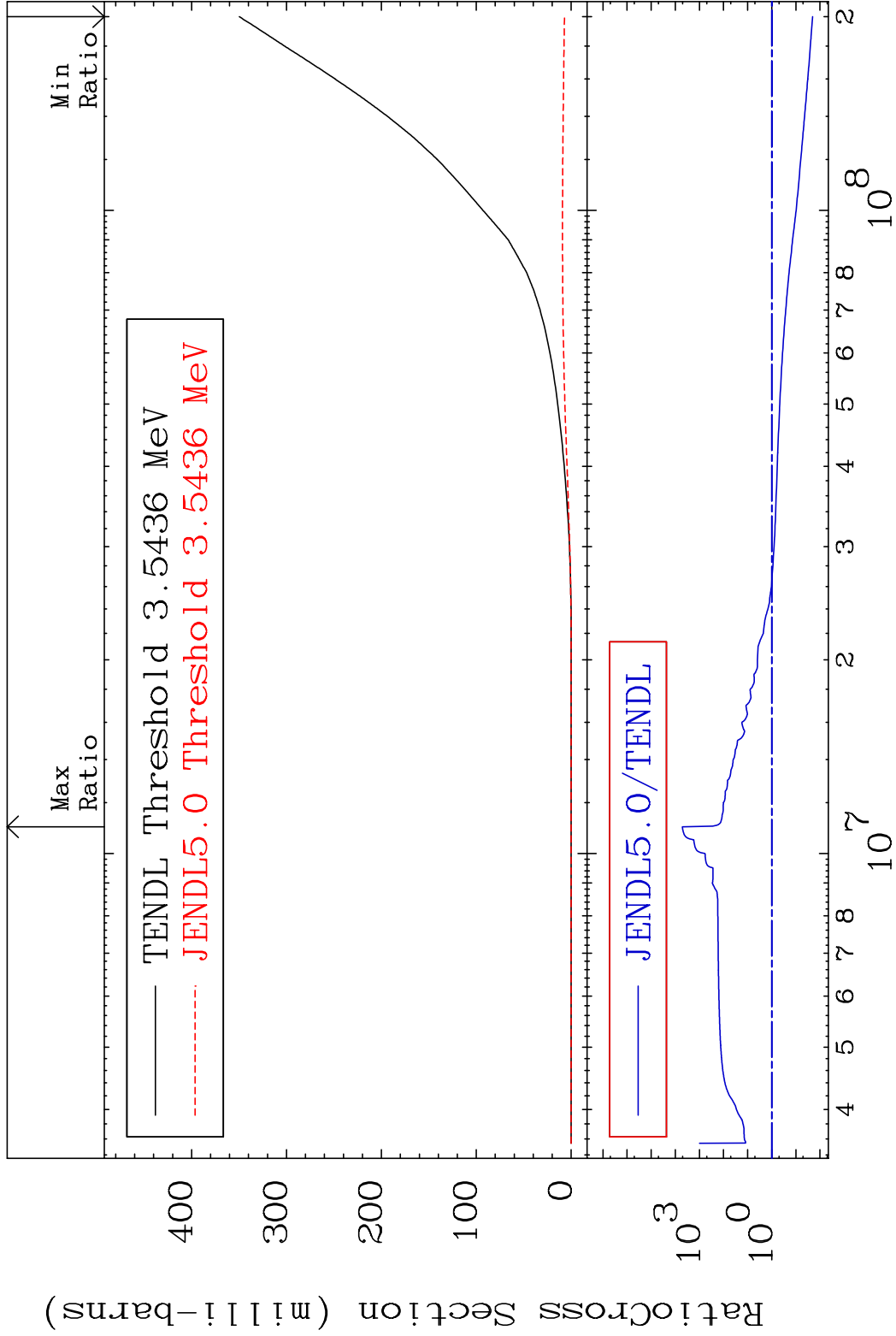


MAT 6507

He-3 Production

65-Tb-153

Cross Section -97.97 To 9999. %



46

Incident Energy (eV)

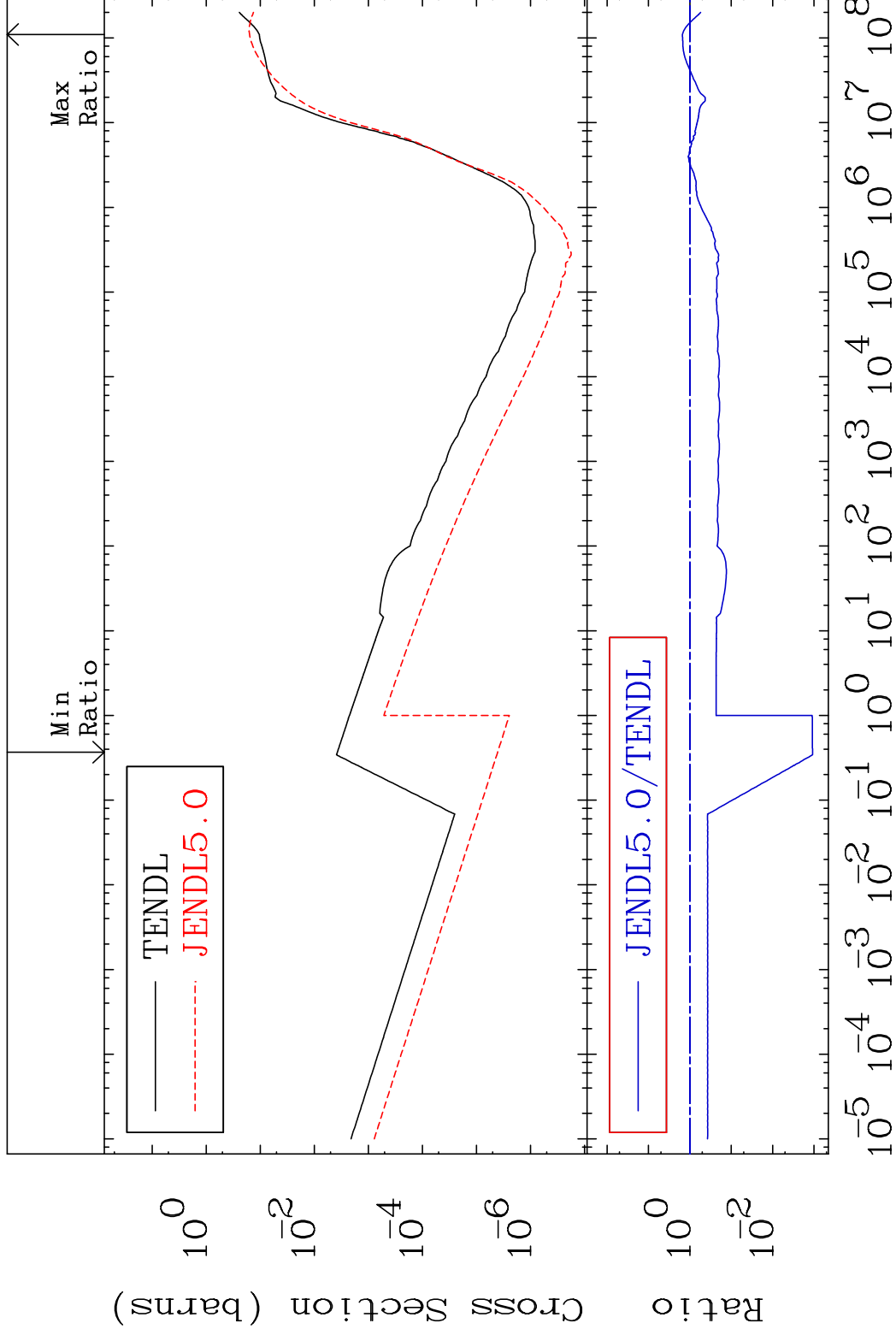
65-Tb-153

MAT 6507

He-4 Production

65-Tb-153

Cross Section -99.89 To 51.81 %



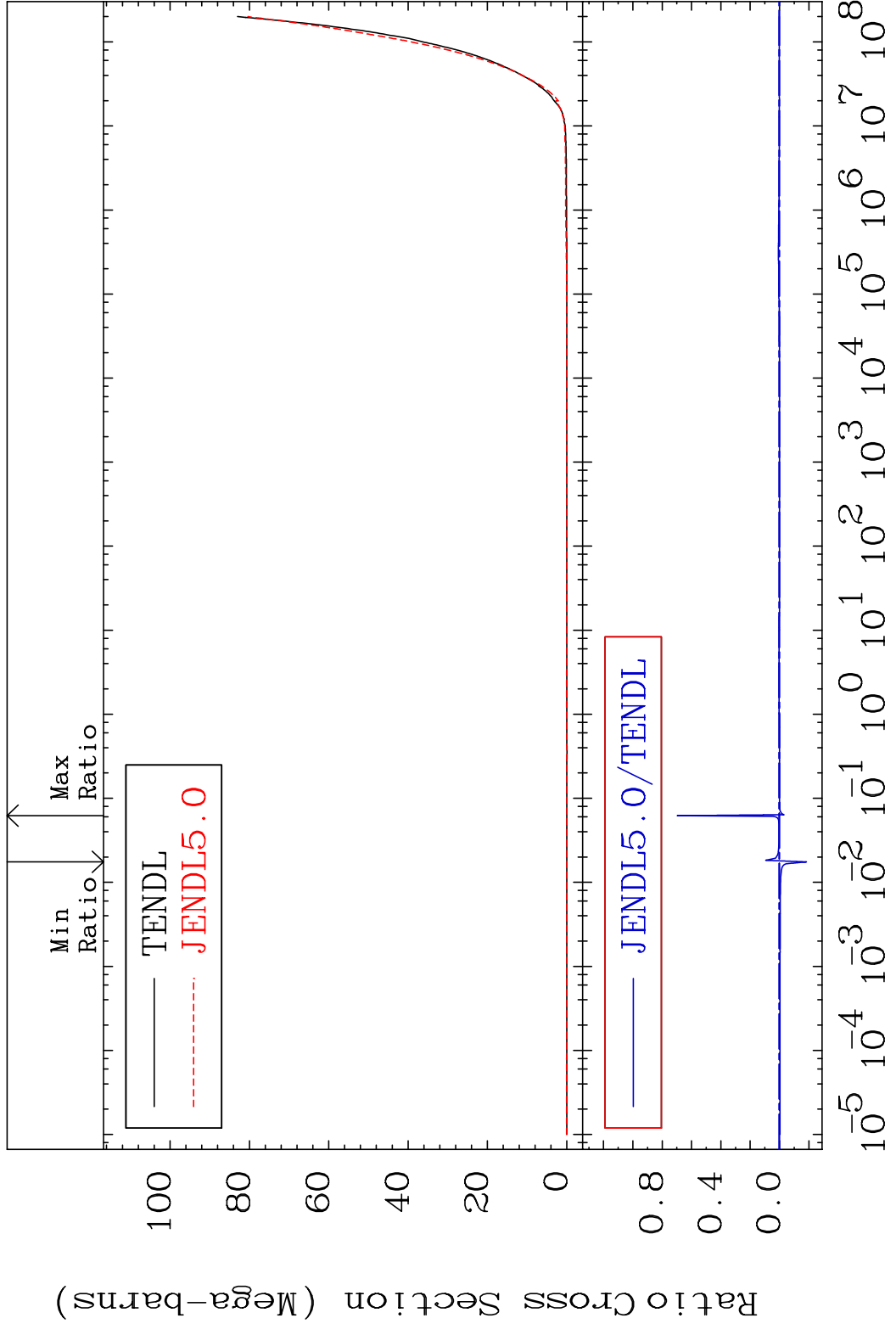
47

Incident Energy (eV)

65-Tb-153

MAT 6507

Kerma total (eV-barns) 65-Tb-153  
Cross Section -9999. To 9999. %



48

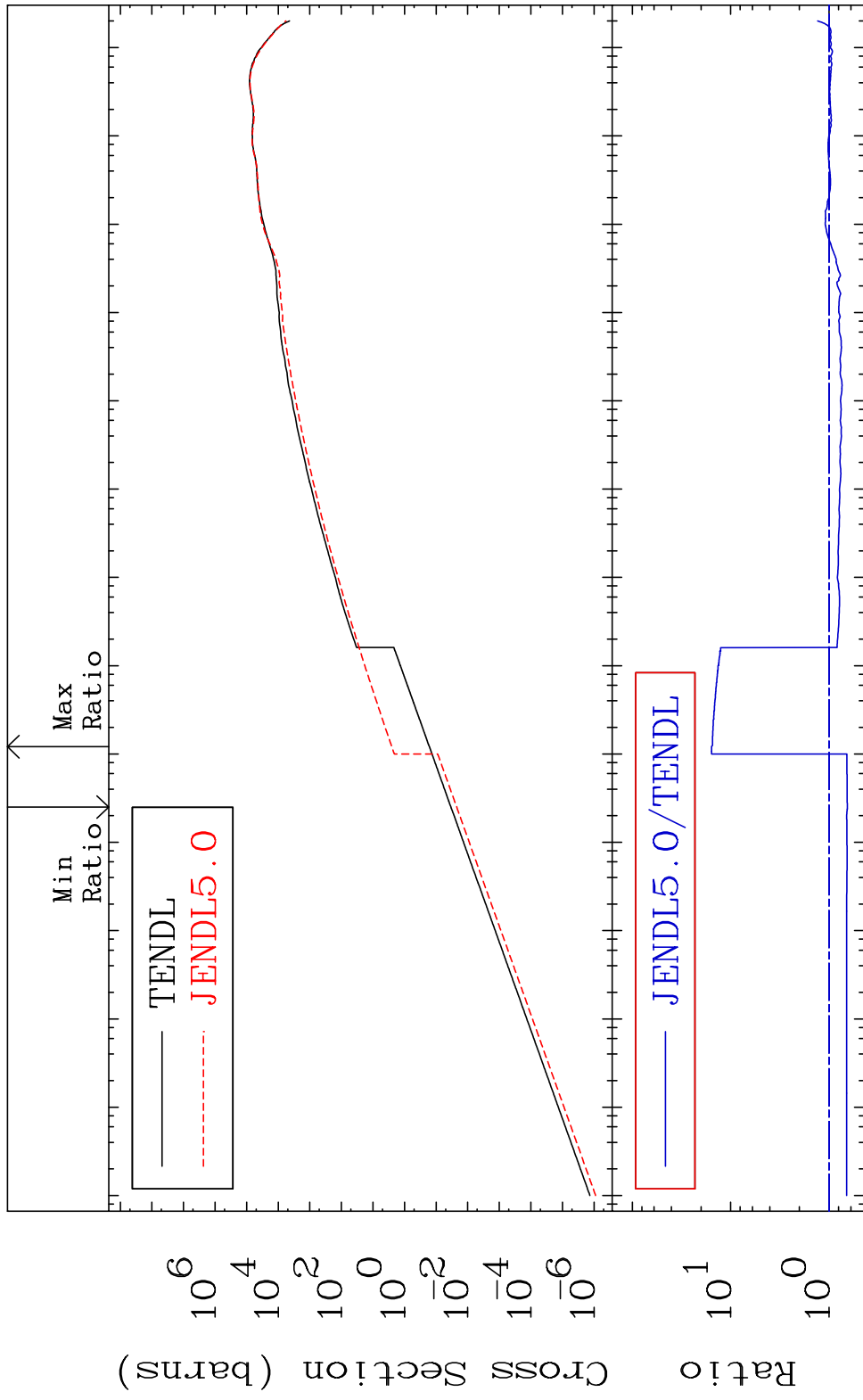
Incident Energy (eV) 65-Tb-153

MAT 6507

Kerma elastic

65-Tb-153

Cross Section -34.79 To 1465. %



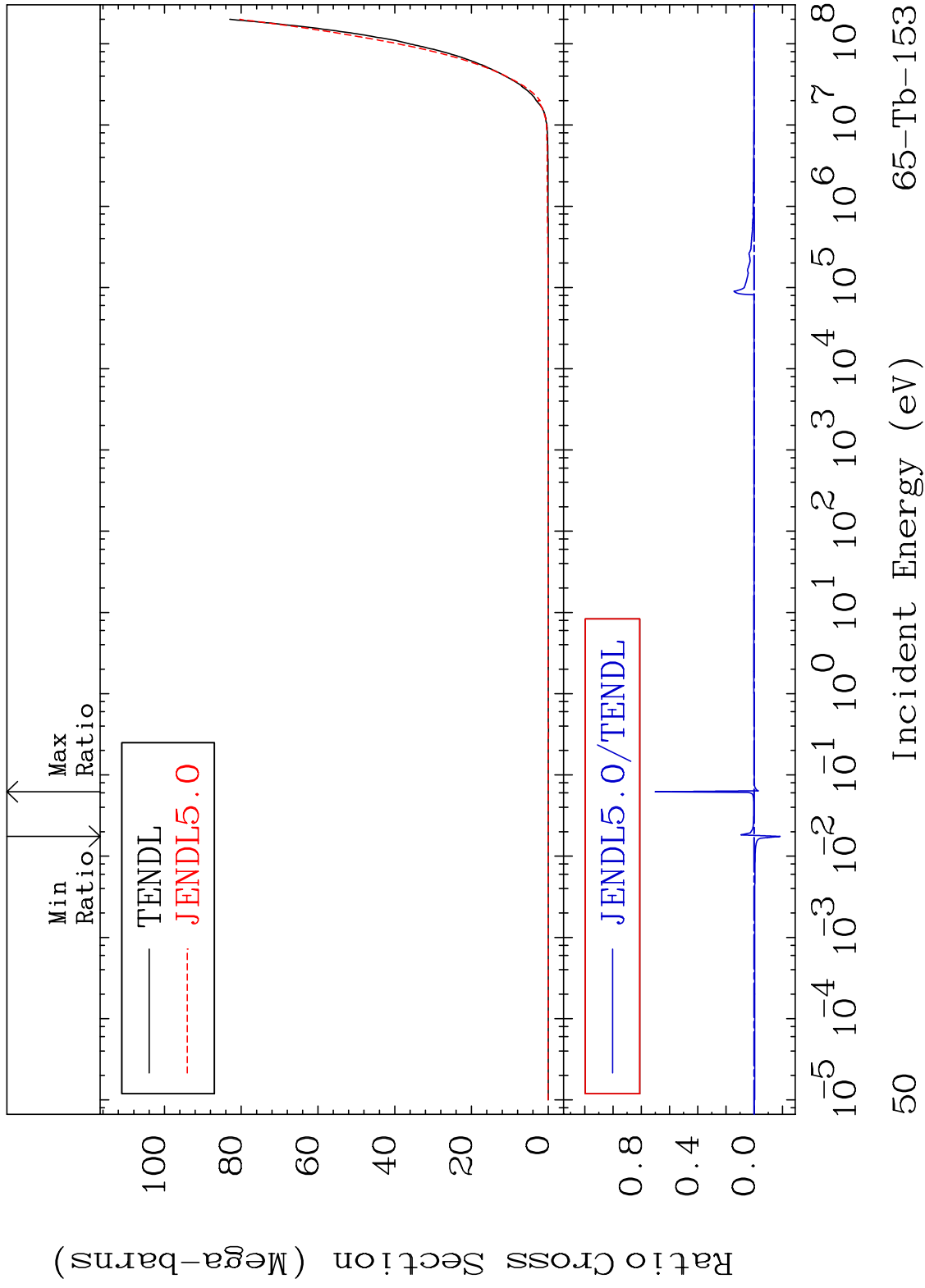
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

49

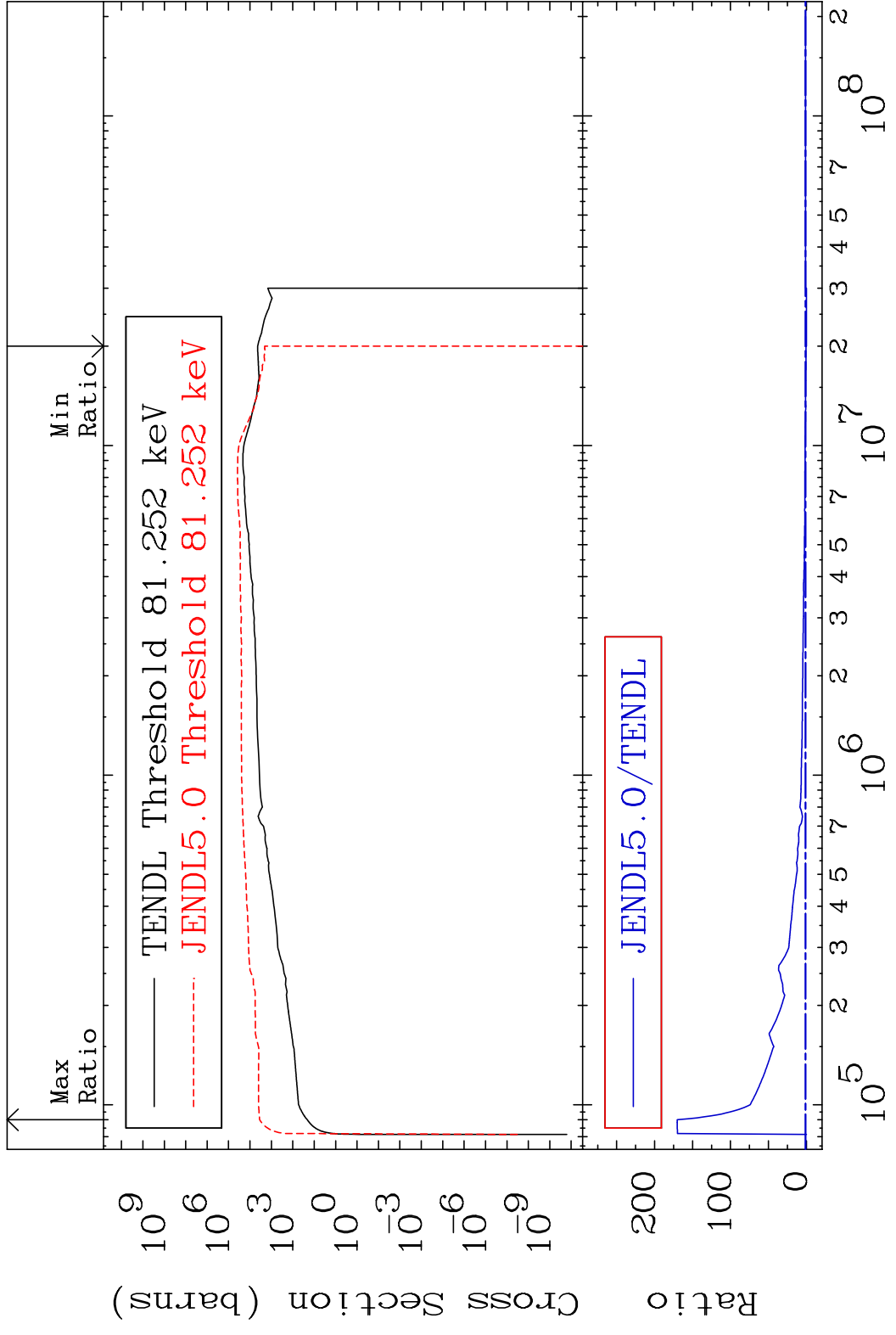
Incident Energy (eV)

65-Tb-153

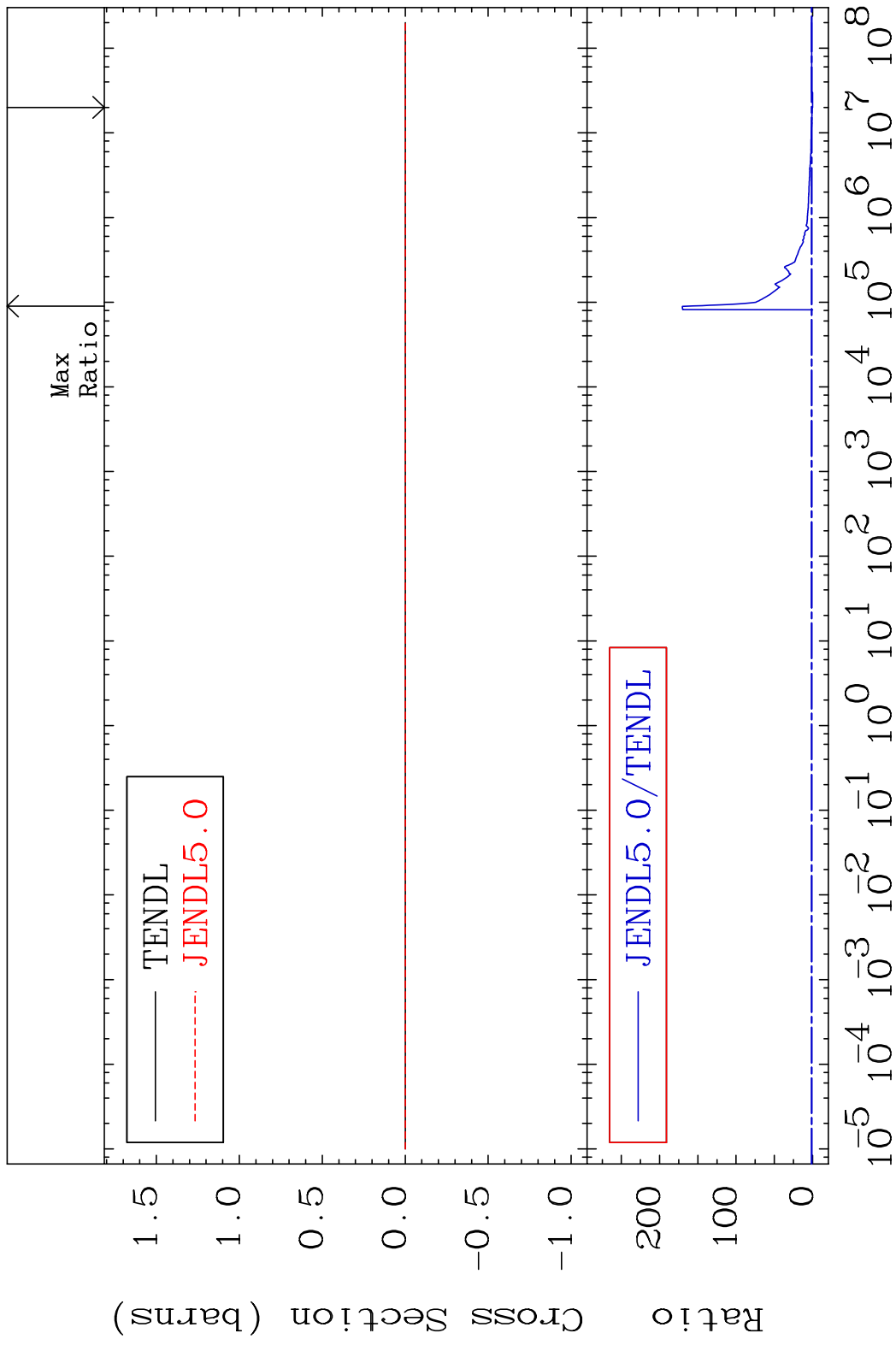
MAT 6507 Kerma non-elastic (all but mt2) 65-Tb-153  
Cross Section -9999. To 9999. %



MAT 6507 Kerma inelastic (mt51-91) 65-Tb-153  
 Cross Section -100.0 To 9999. %



MAT 6507 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-153  
 Cross Section -100.0 To 9999. %

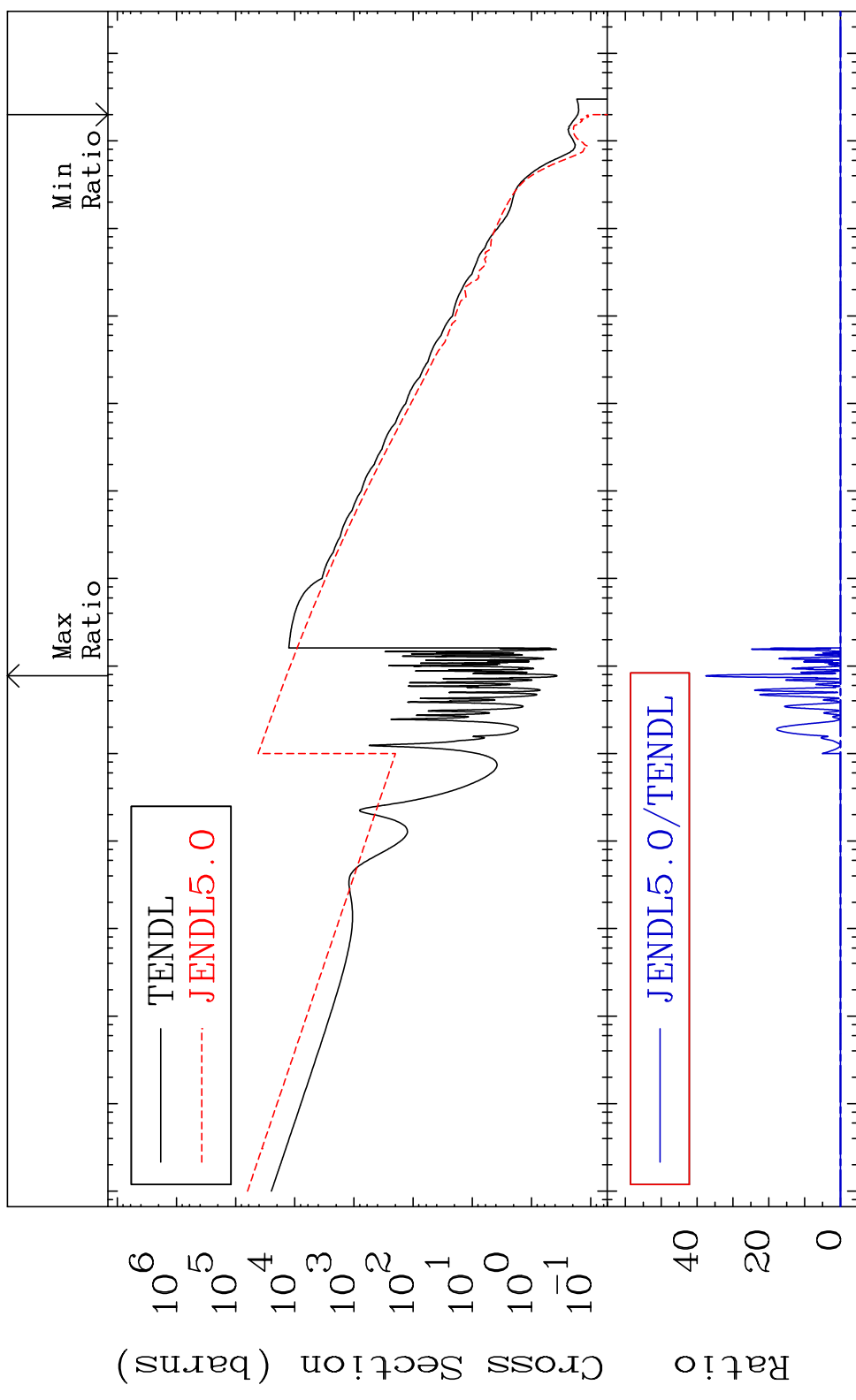


MAT 6507

Kerma capture (mt102)

65-Tb-153

Cross Section -100.0 To 9999. %

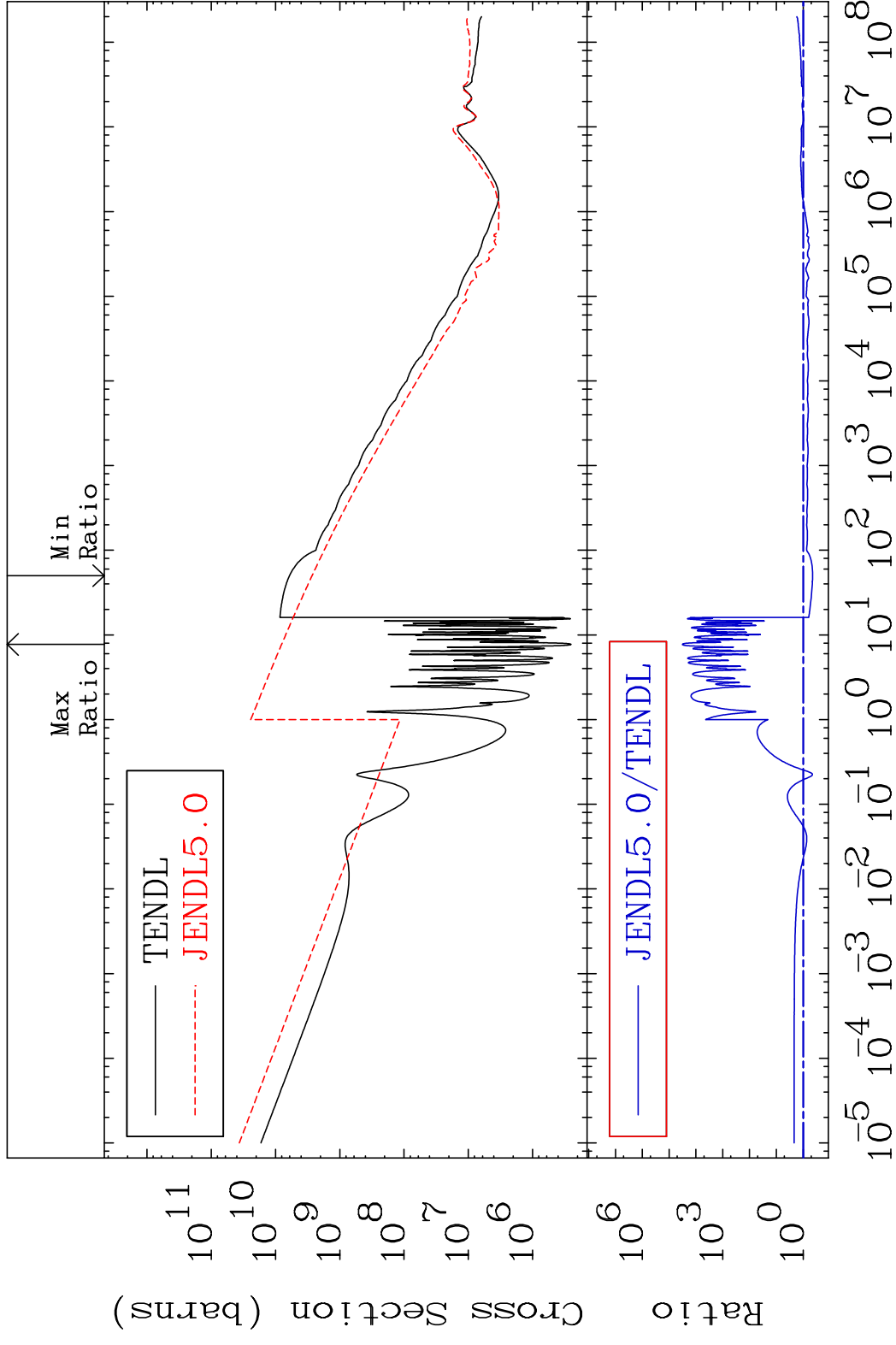


53

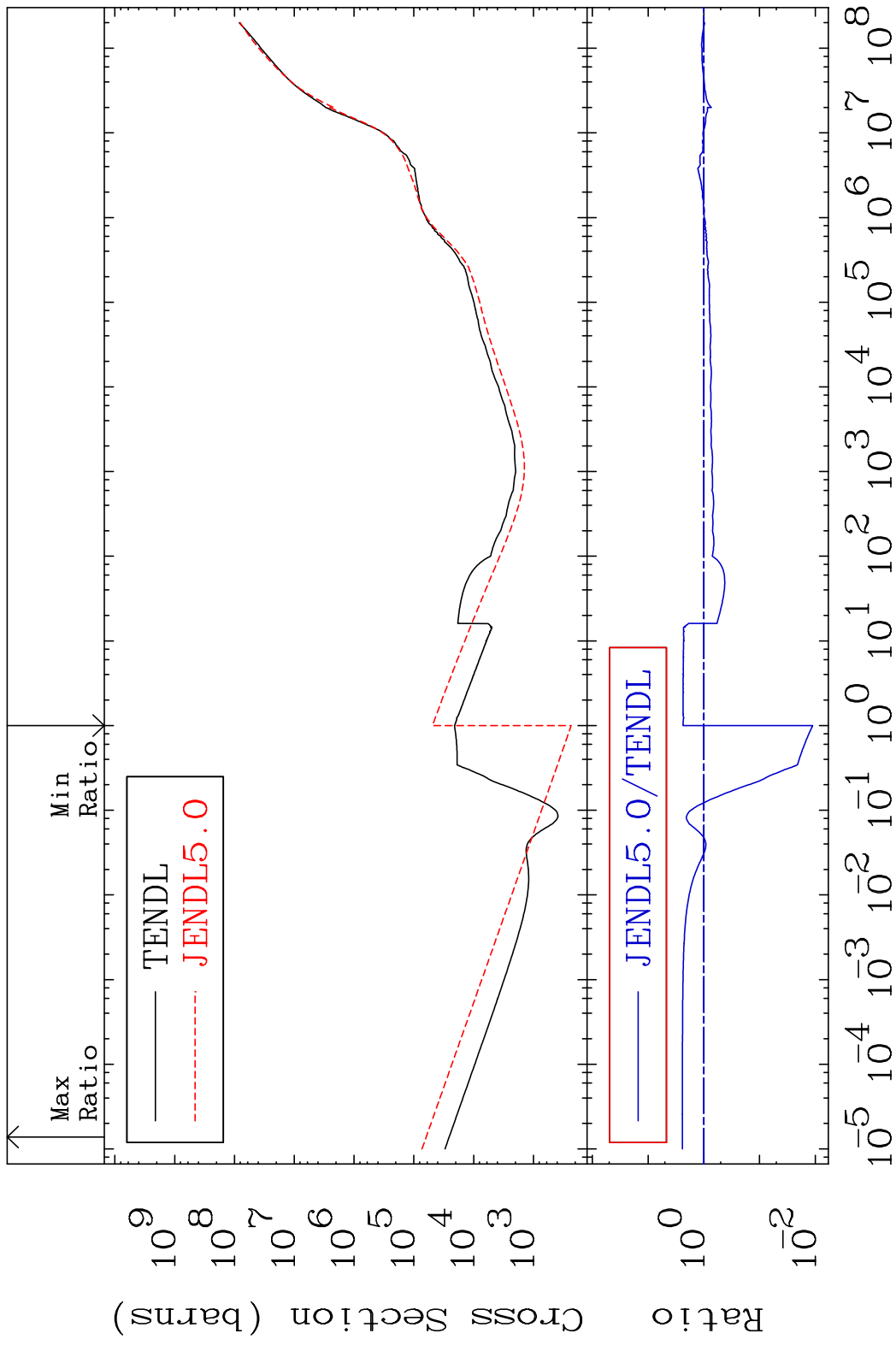
Incident Energy (eV)

65-Tb-153

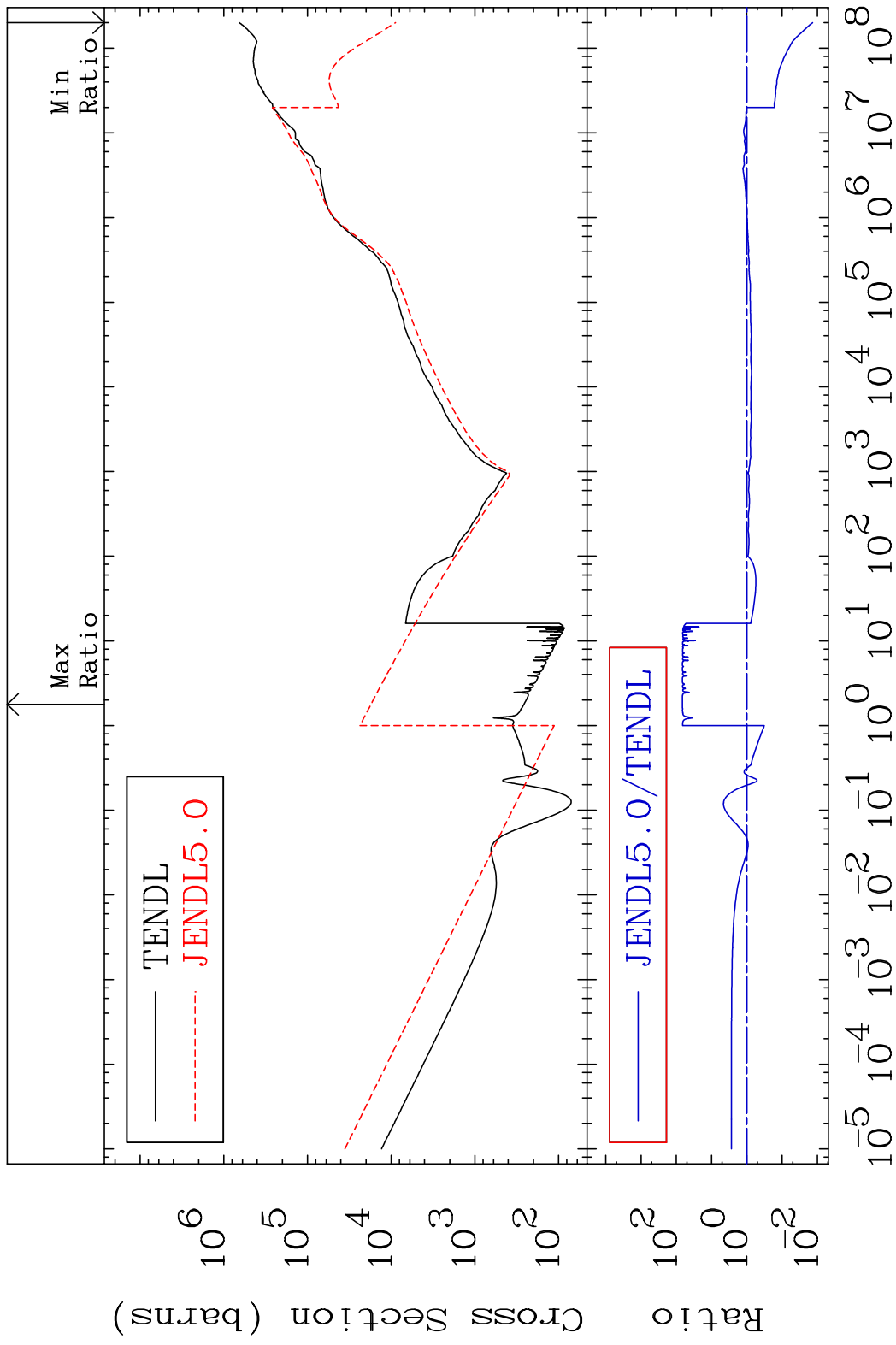
MAT 6507 Total photon (eV-barns) 65-Tb-153  
 Cross Section -55.40 To 9999. %



MAT 6507 Total kinematic kerma (high limit) 65-Tb-153  
 Cross Section -98.88 To 142.7 %



MAT 6507      Dpa total (eV-barns)      65-Tb-153  
 Cross Section      -98.64 To 6637. %

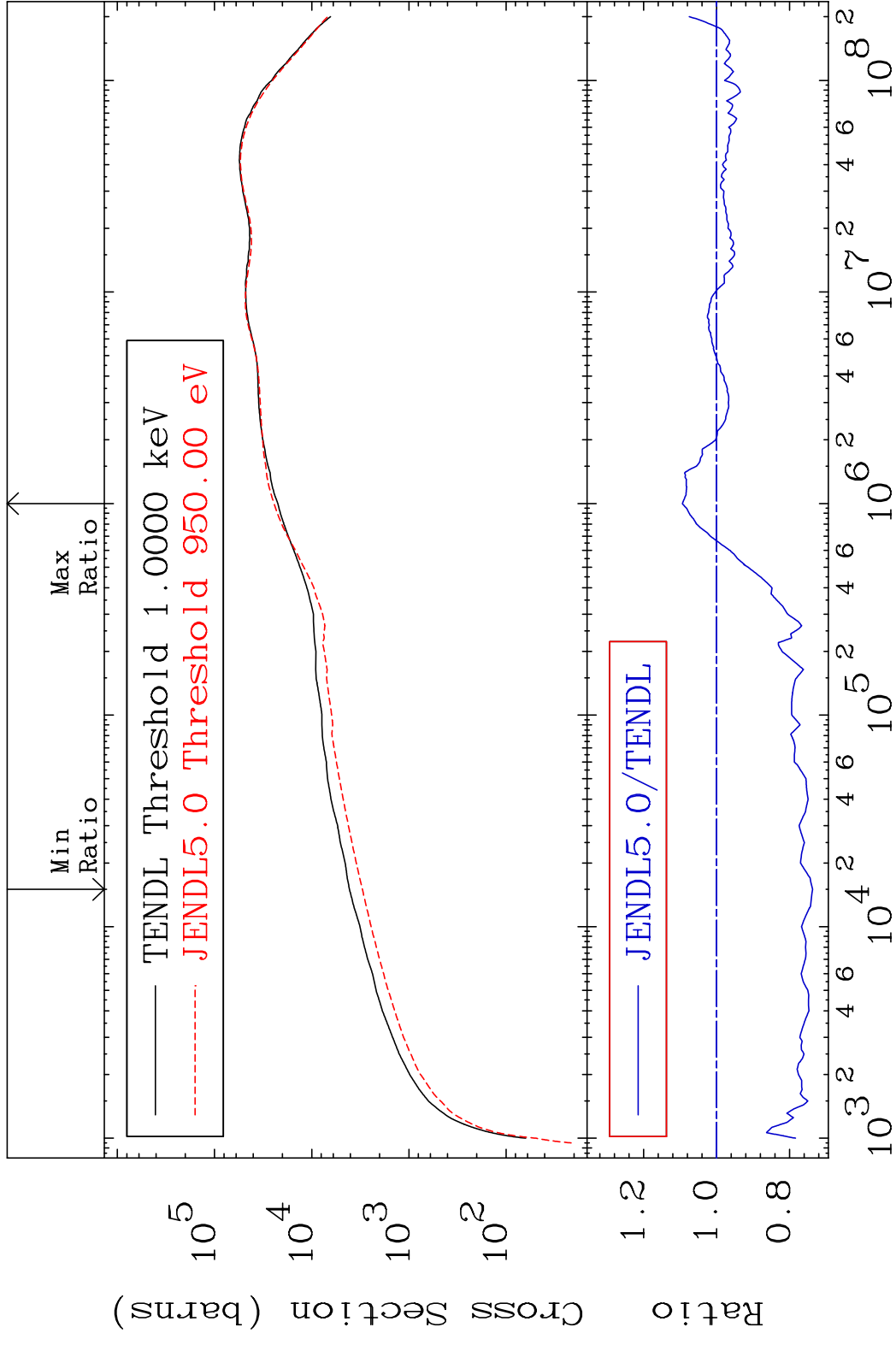


MAT 6507

Dpa elastic (mt2)

65-Tb-153

Cross Section -26.30 To 9.366 %

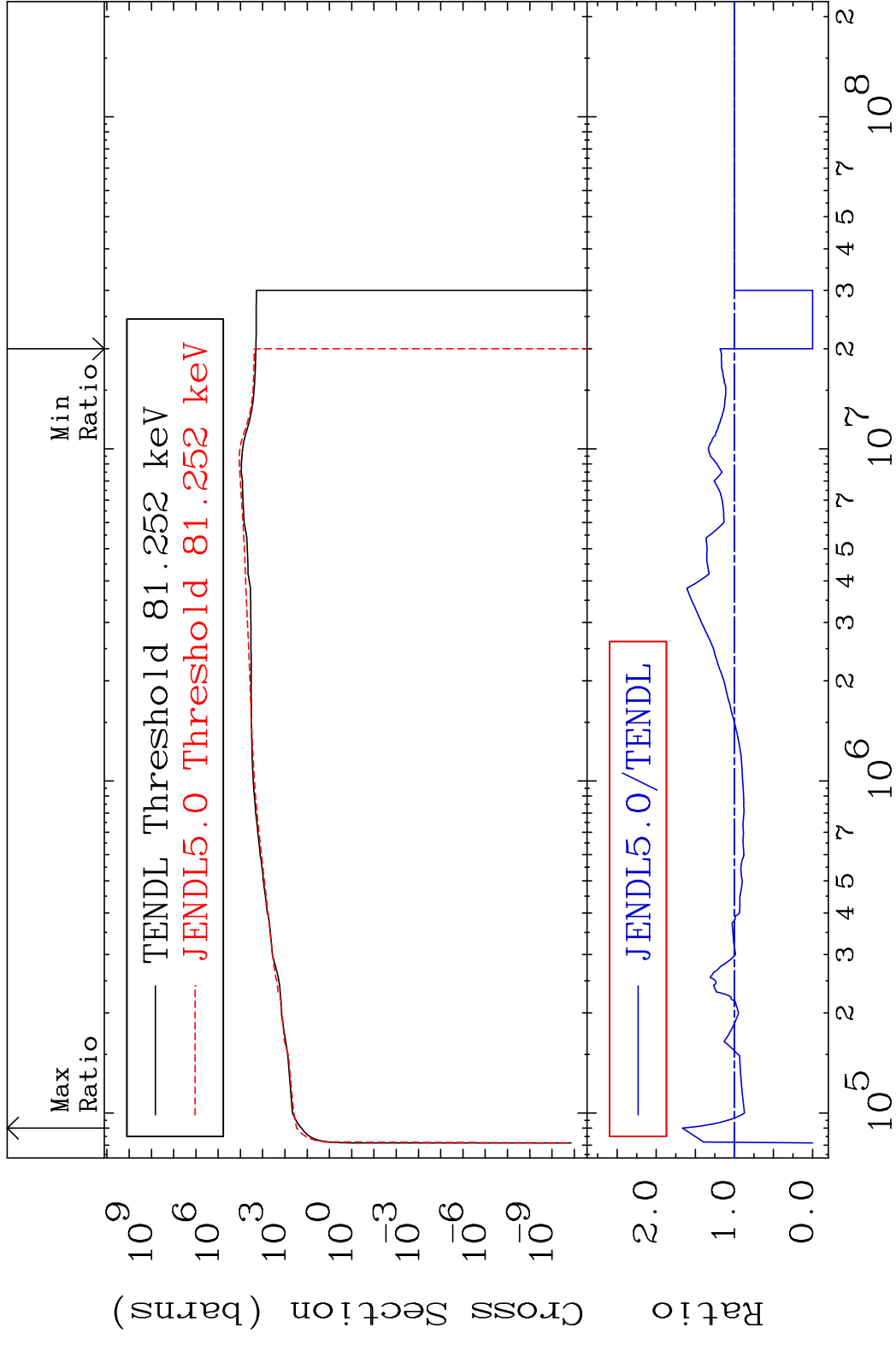


57

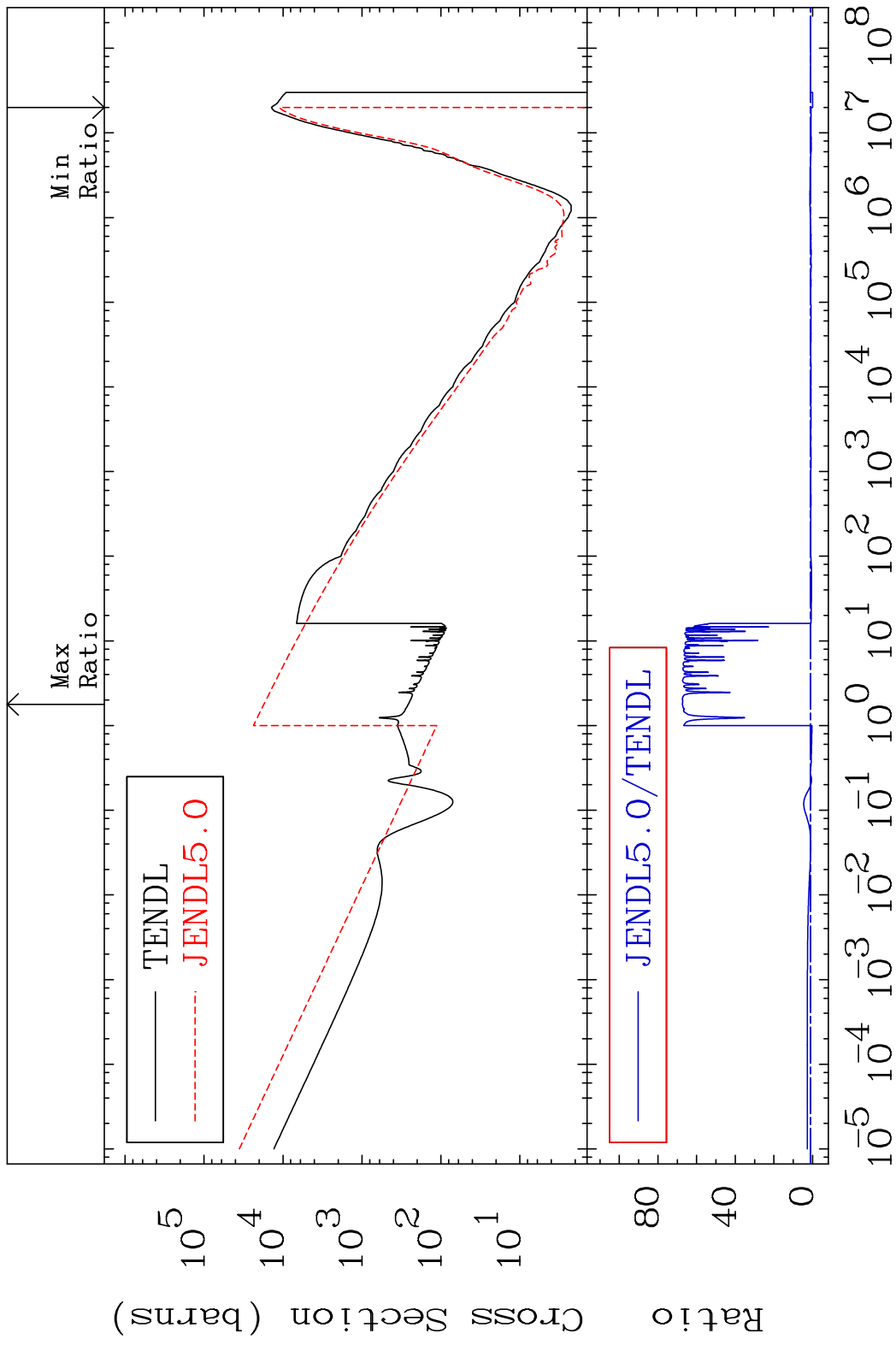
Incident Energy (eV)

65-Tb-153

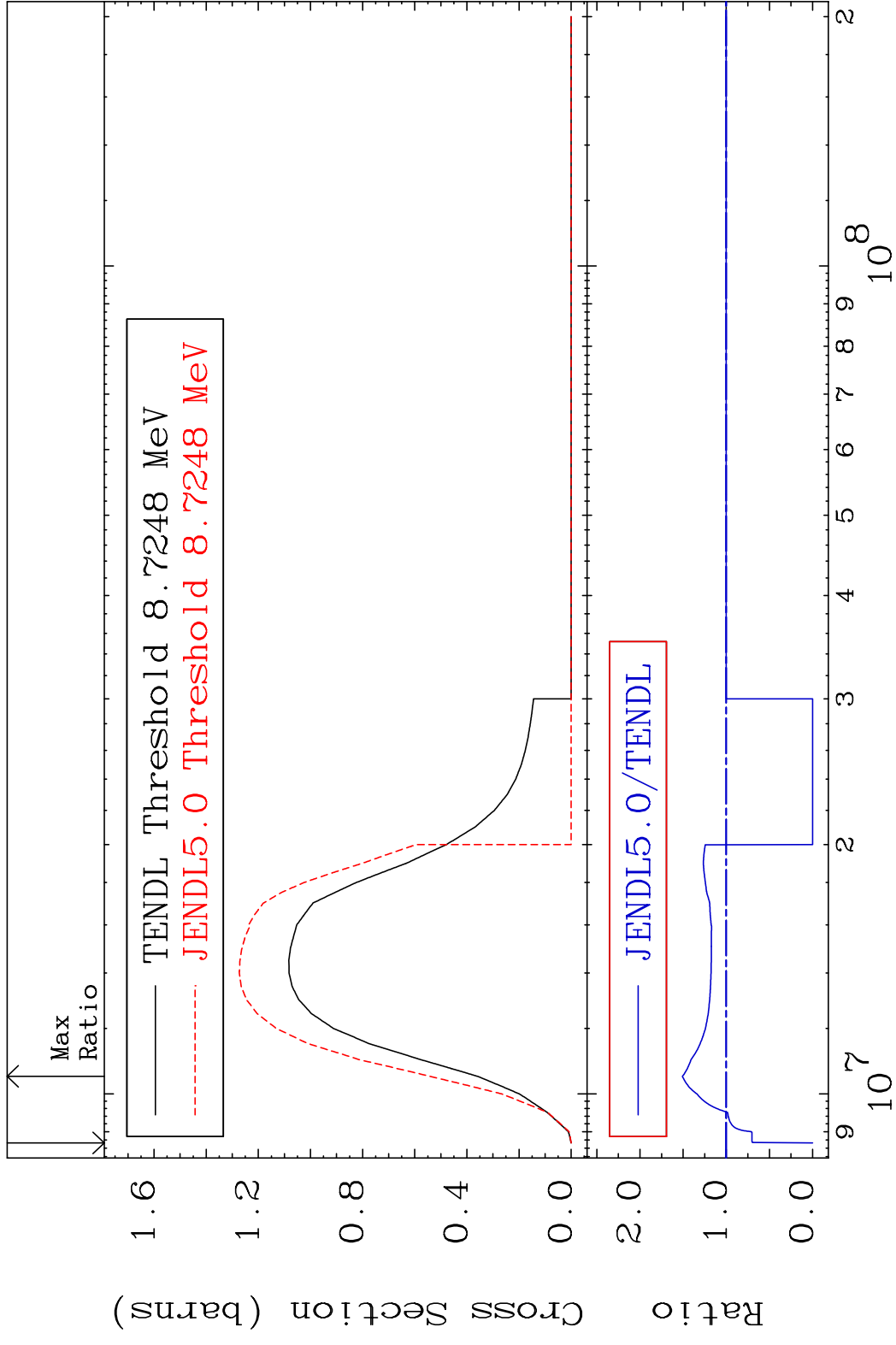
MAT 6507 Dpa inelastic (mt51-91) 65-Tb-153  
 Cross Section -100.0 To 66.60 %



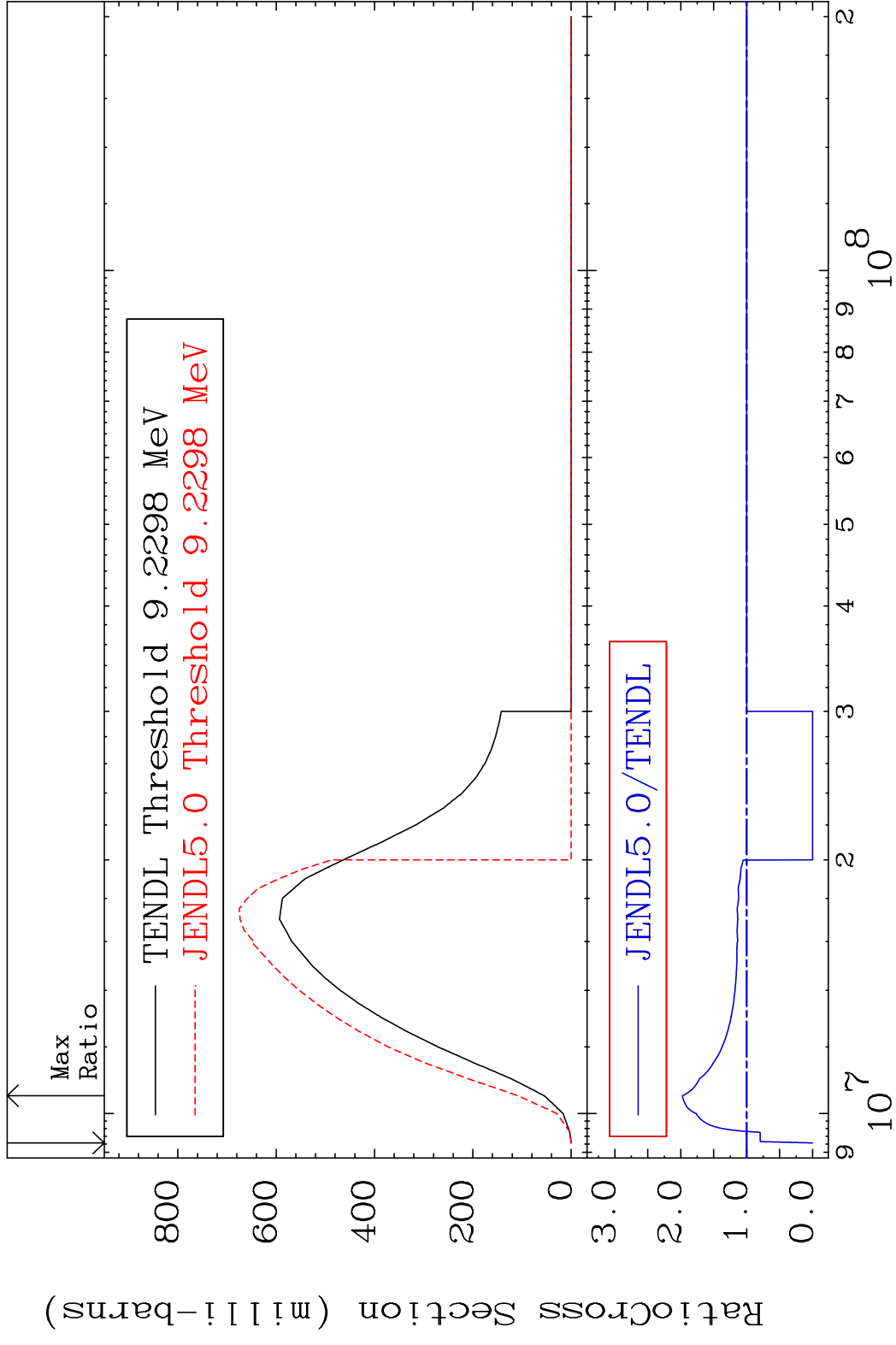
MAT 6507 Dpa disappearance (mt102 -120) 65-Tb-153  
 Cross Section -100.0 To 6637. %



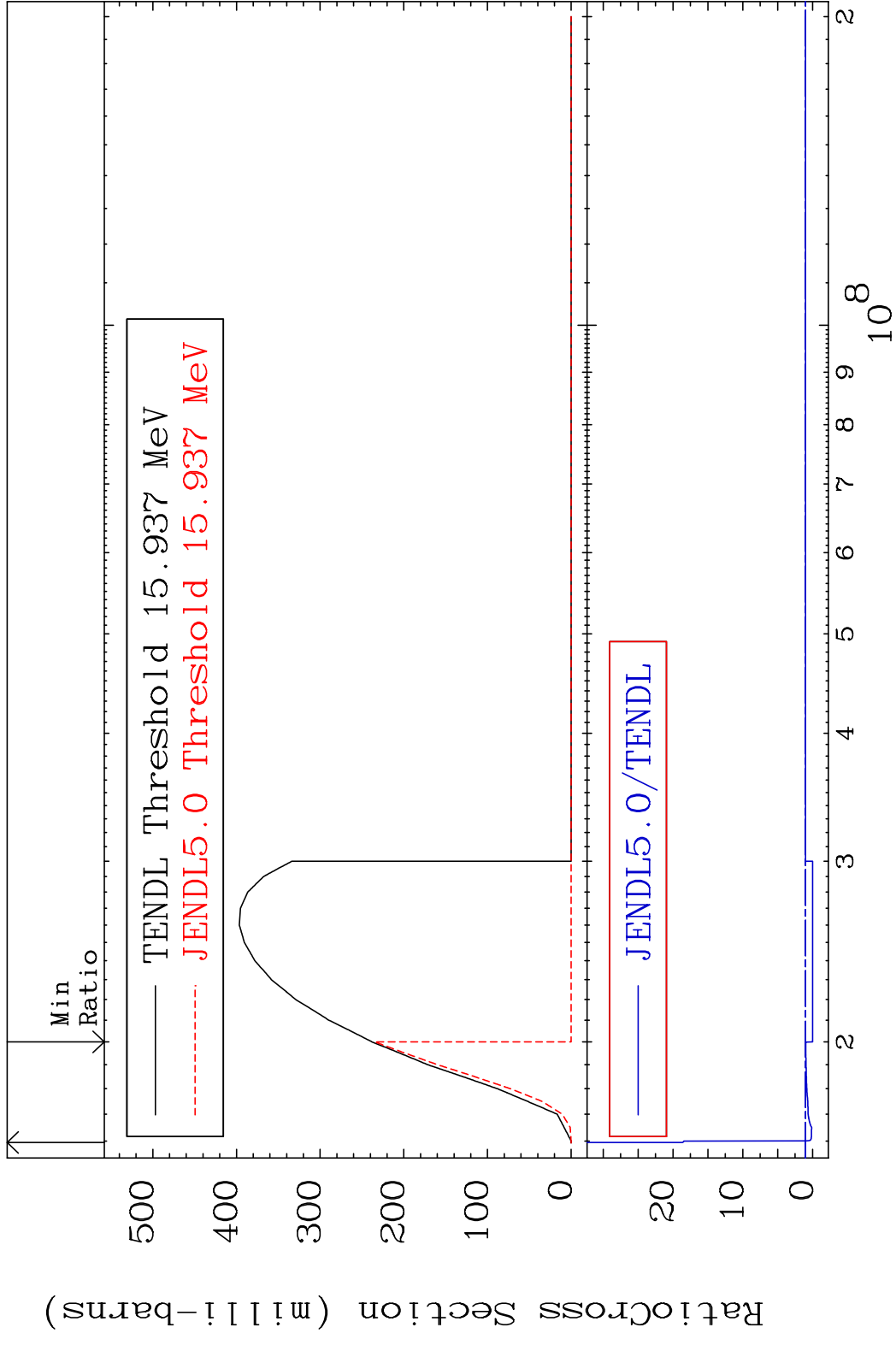
MAT 6507 (n,2n):65-Tb-152g 65-Tb-153  
 Radionuclide Production Cross Section Ratio 50.88 %



MAT 6507 (n, 2n) : 65-Tb-152m6 65-Tb-153  
 Radionuclide Production Cross Section Ratio 97.60 %



MAT 6507 (n,3n):65-Tb-151g 65-Tb-153  
 Radionuclide Production Cross Section 180.01 dth 1766. %



MAT 6507 (n, 3n):65-Tb-151m3 65-Tb-153  
 Radionuclide Production Cross Section 180.01 dth 26.55 %

