

Program Complot  
(Version 2021-1)

by

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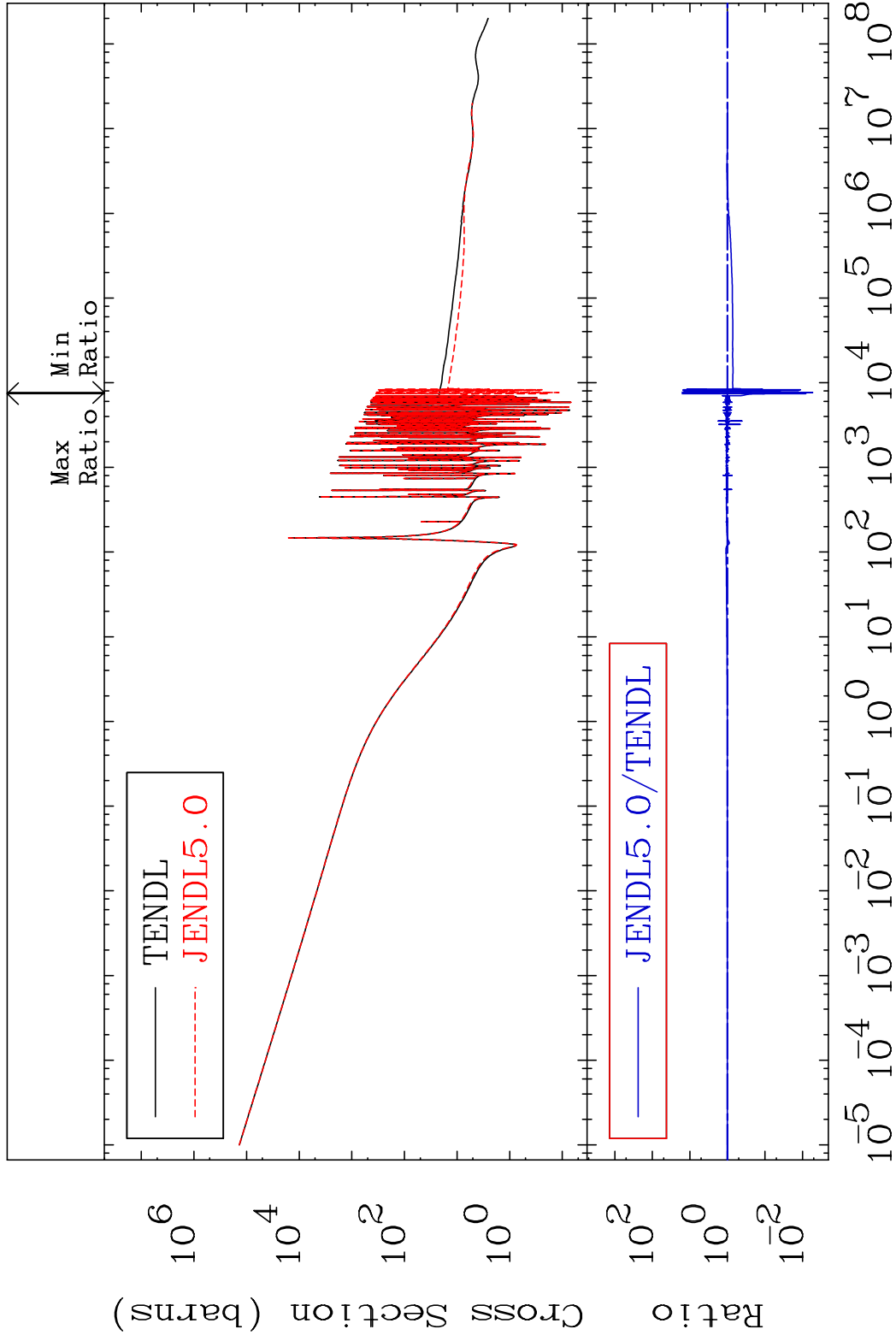
Press Mouse Button to Start

MAT 6649

Total

66-Dy-164

Cross Section -99.46 To 1487. %



1

Incident Energy (eV)

66-Dy-164

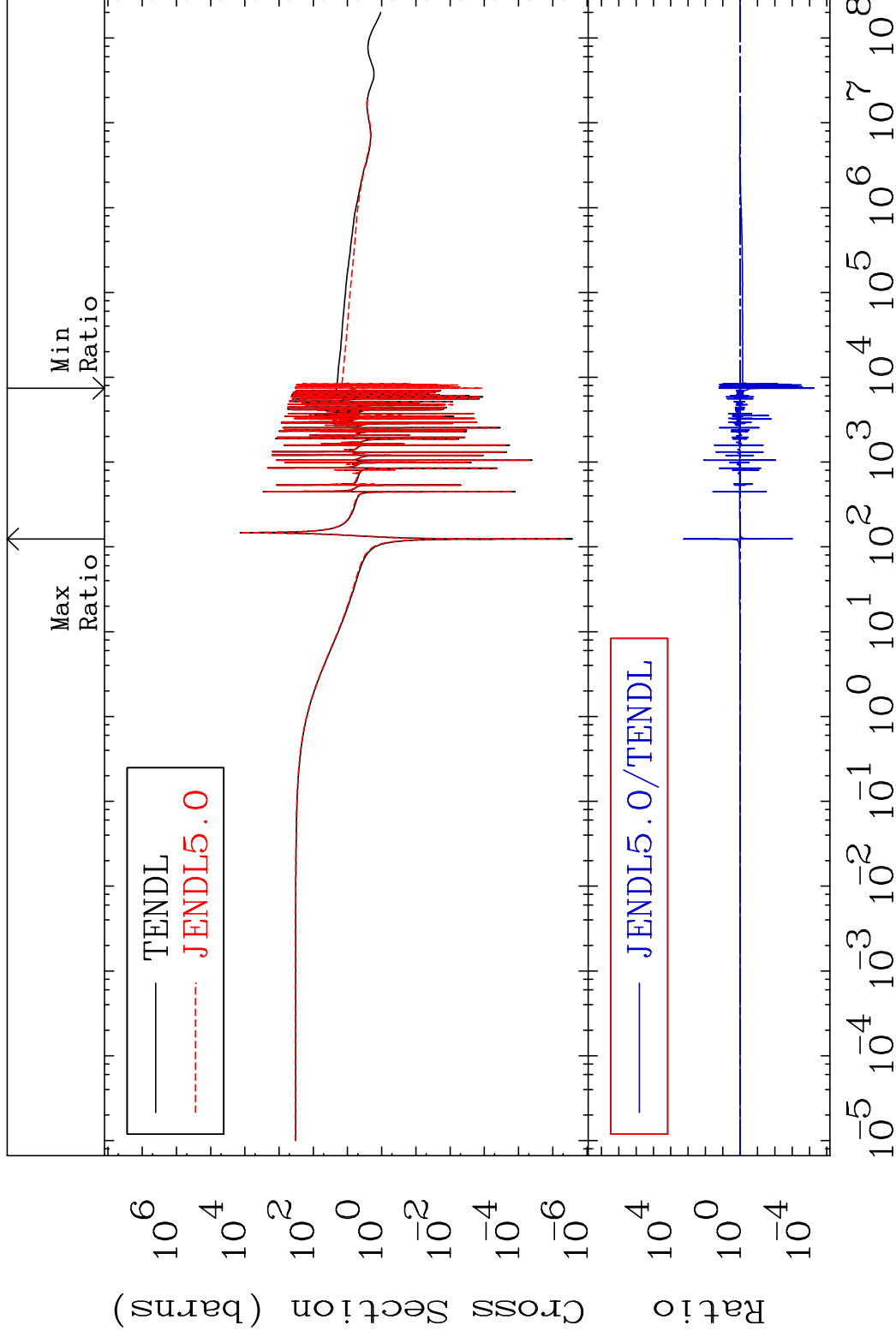
MAT 6649

Elastic

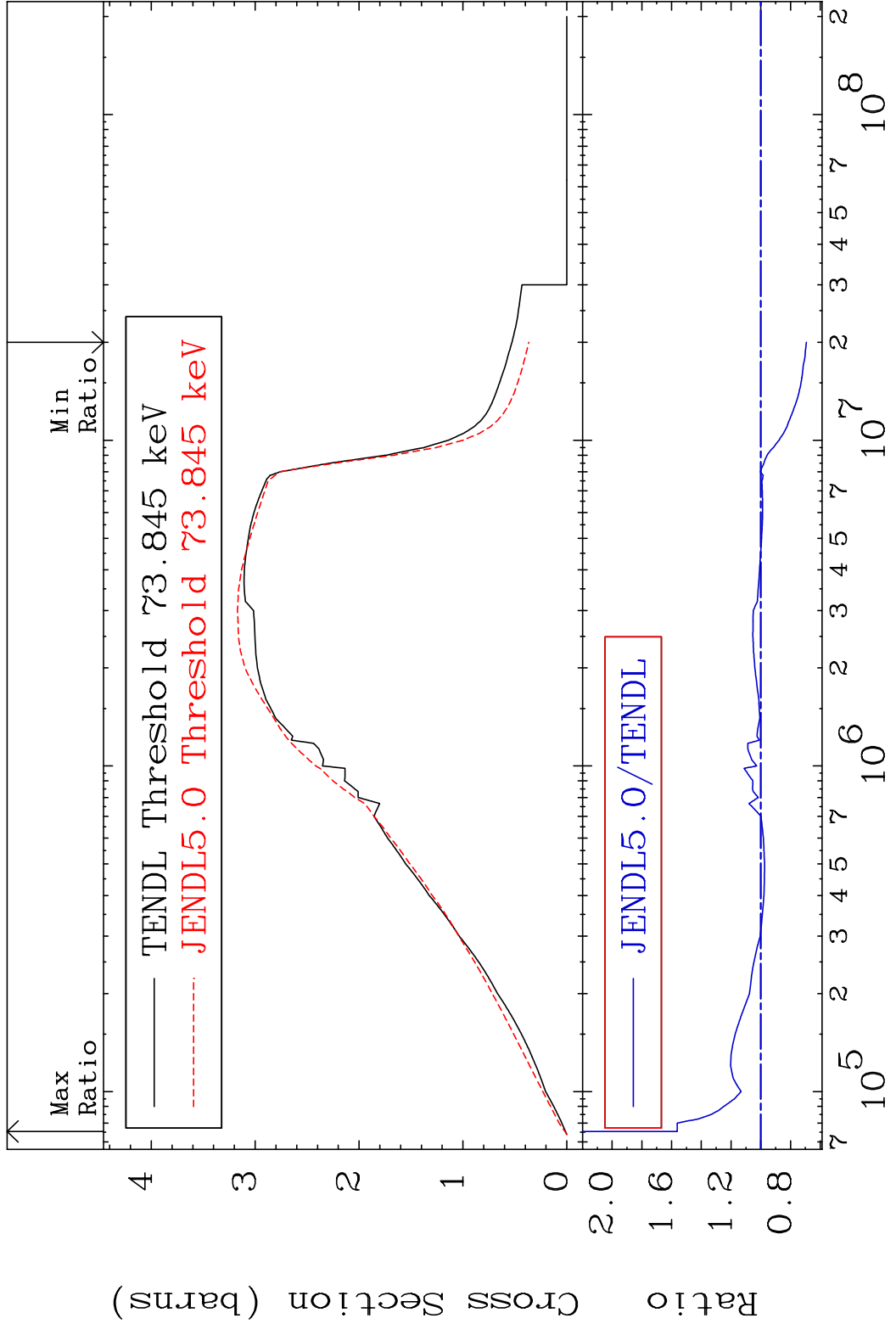
66-Dy-164

Cross Section

-99.99 To 9999. %



MAT 6649      Inelastic      66-Dy-164  
 Cross Section      -30.69 To 56.23 %



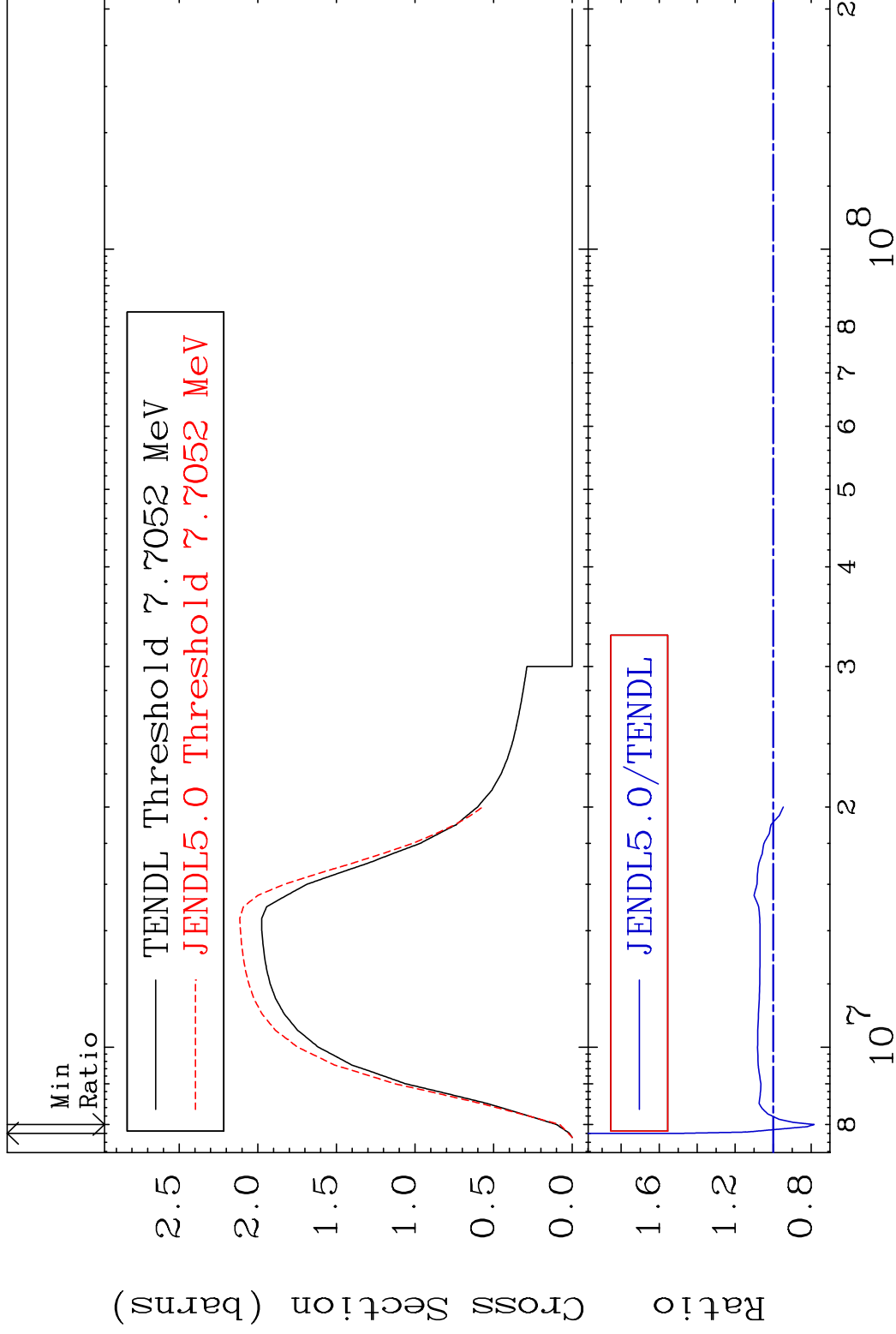
3      Incident Energy (eV)      66-Dy-164

MAT 6649

(n,2n)

66-Dy-164

Cross Section -21.55 To 47.11 %



4

Incident Energy (eV)

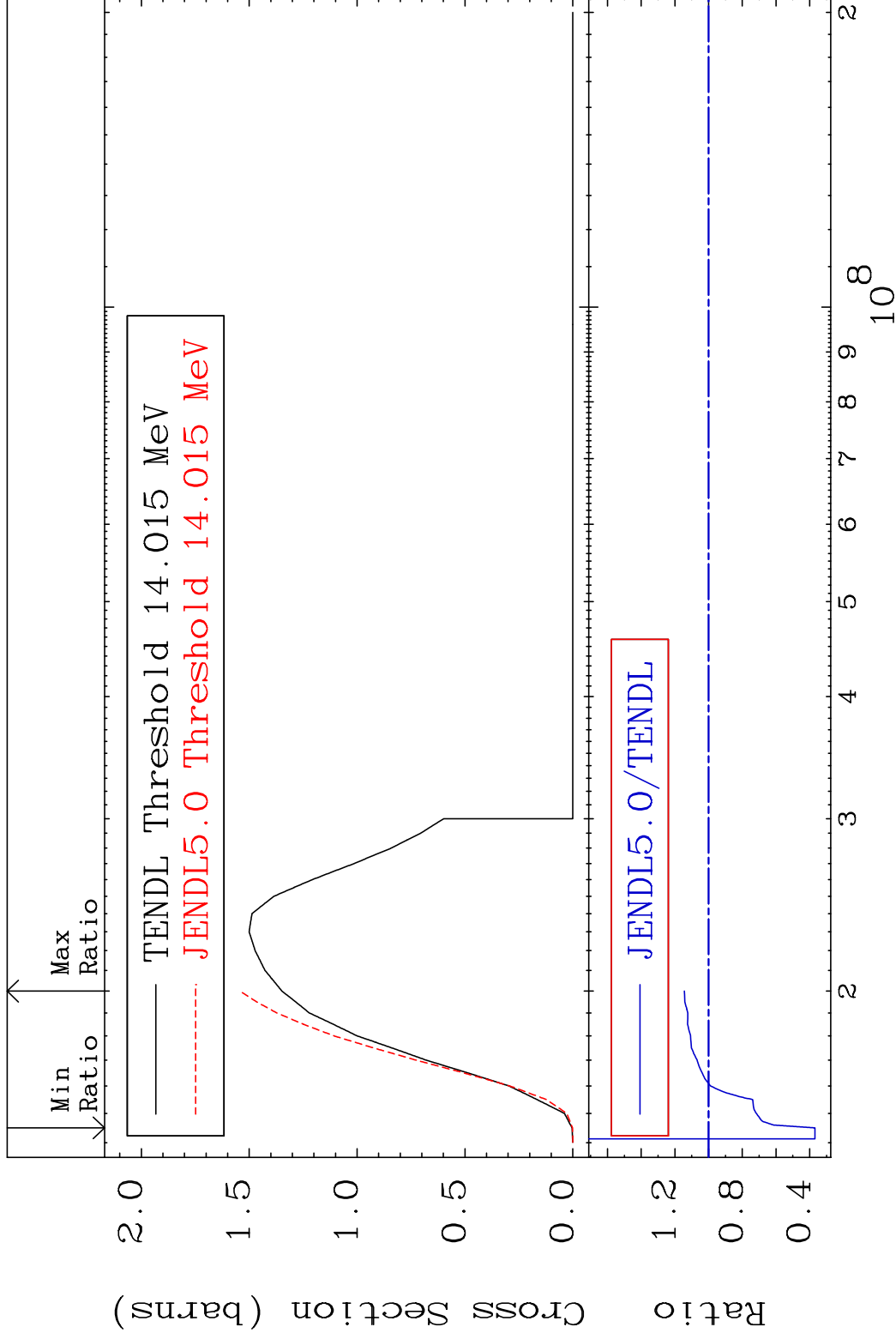
66-Dy-164

MAT 6649

(n,3n)

66-Dy-164

Cross Section -63.07 To 14.42 %

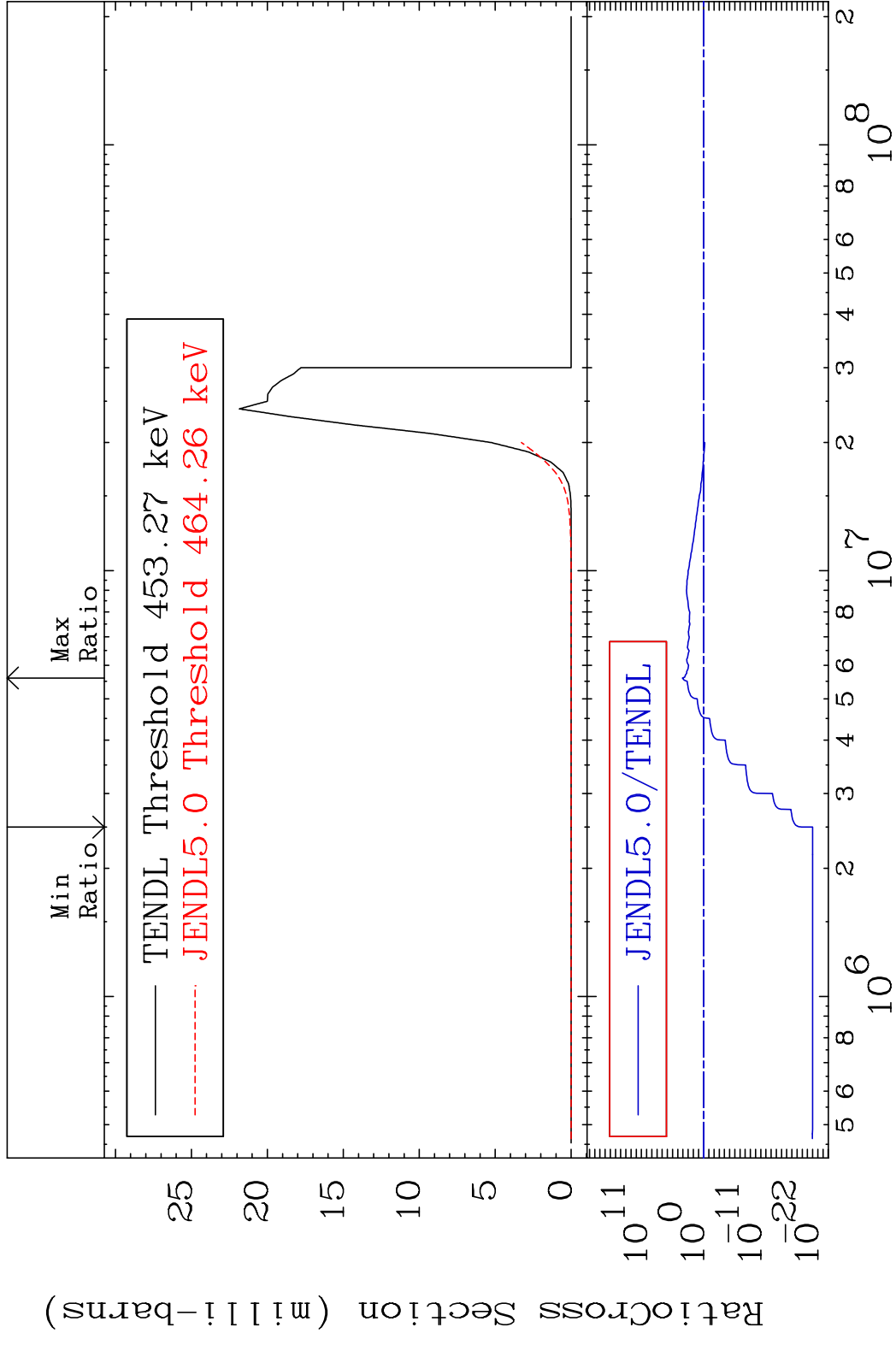


5

Incident Energy (eV)

66-Dy-164

MAT 6649 (n, n')  $\alpha$  66-Dy-164  
 Cross Section -100.0 To 9999. %

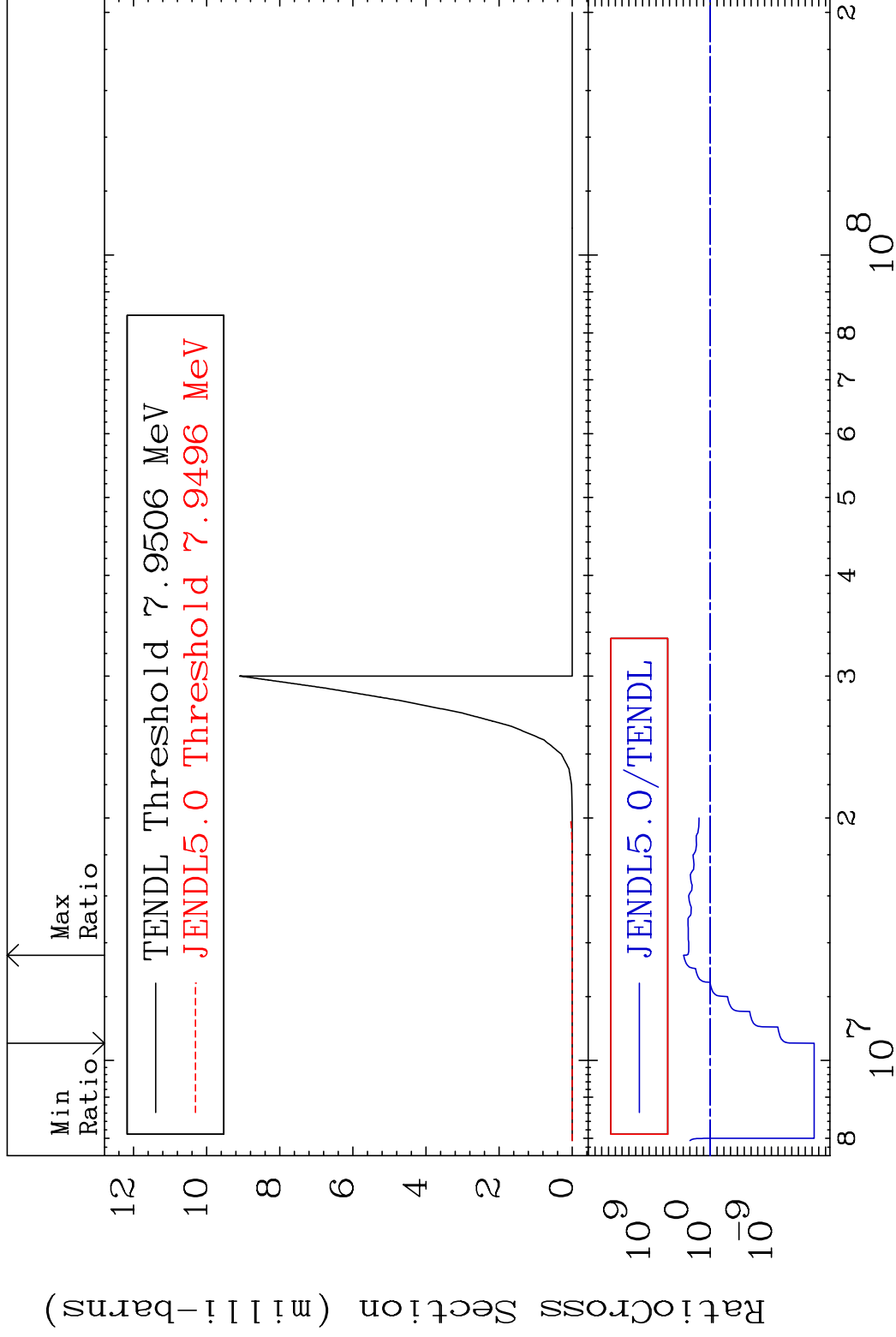


MAT 6649

(n,2n)  $\alpha$

66-Dy-164

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

66-Dy-164

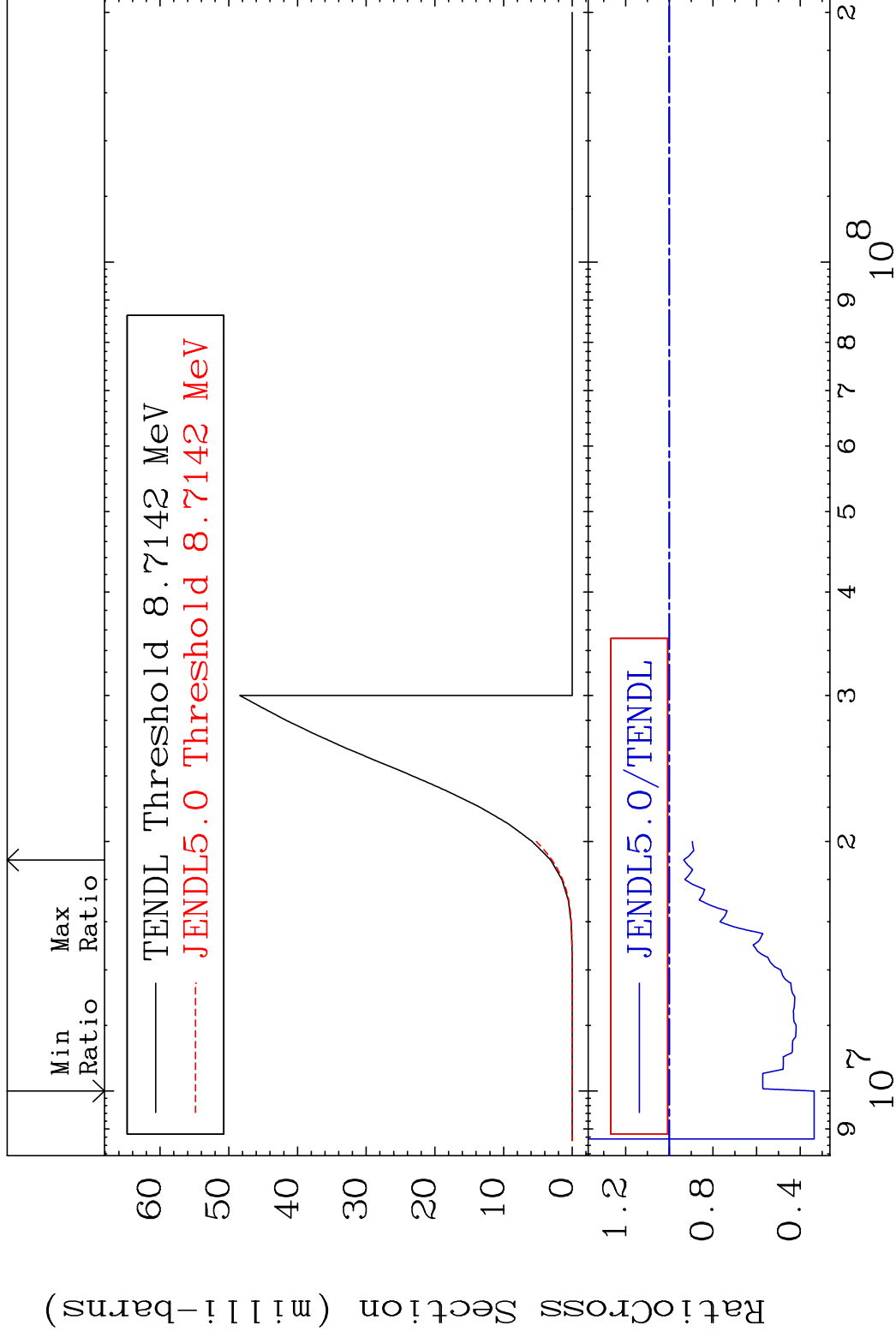


MAT 6649

(n, n') p

66-Dy-164

Cross Section -66.32 To -6.575%



8

Incident Energy (eV)

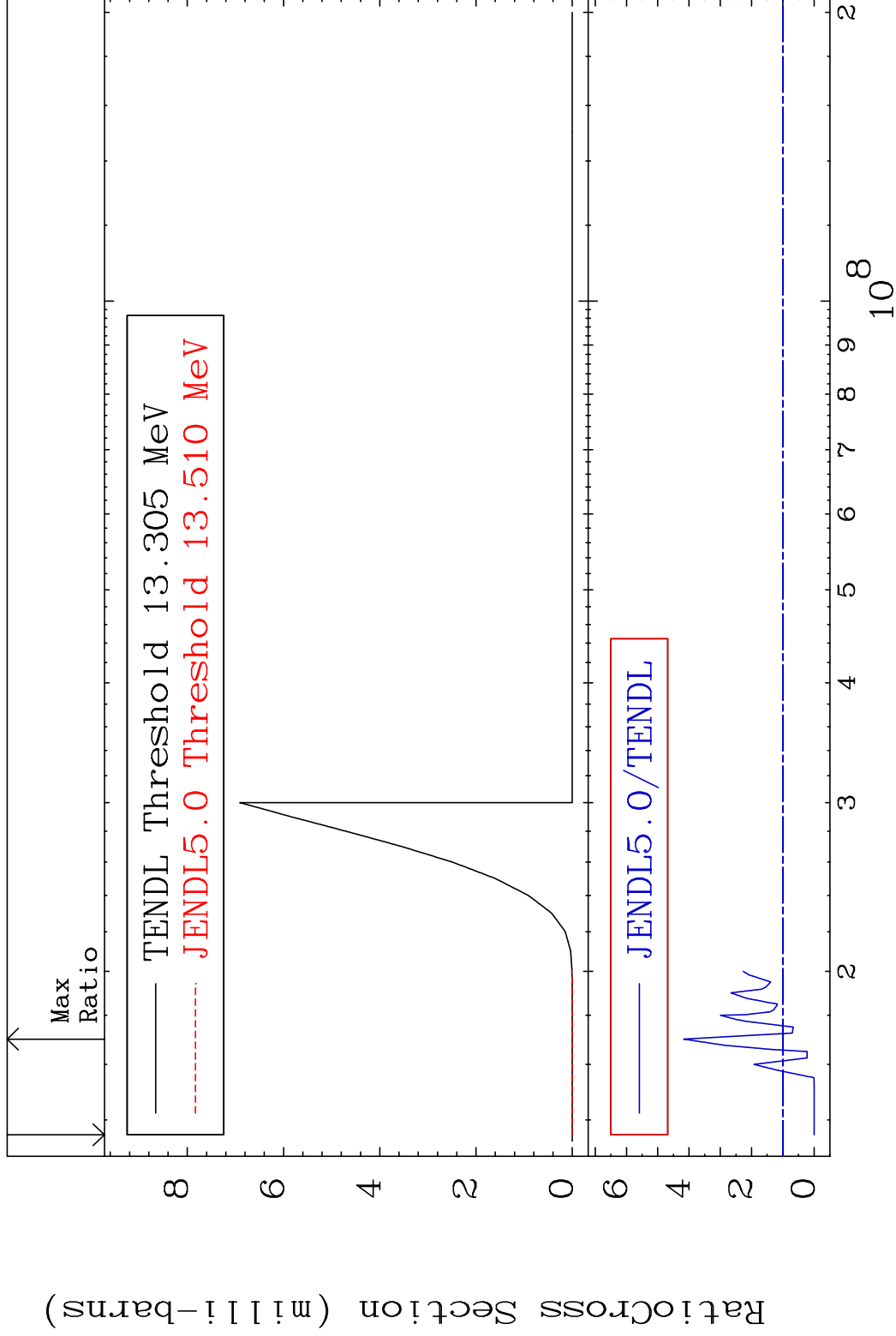
66-Dy-164

MAT 6649

(n, n') d

66-Dy-164

Cross Section -100.0 To 317.1 %



9

Incident Energy (eV)

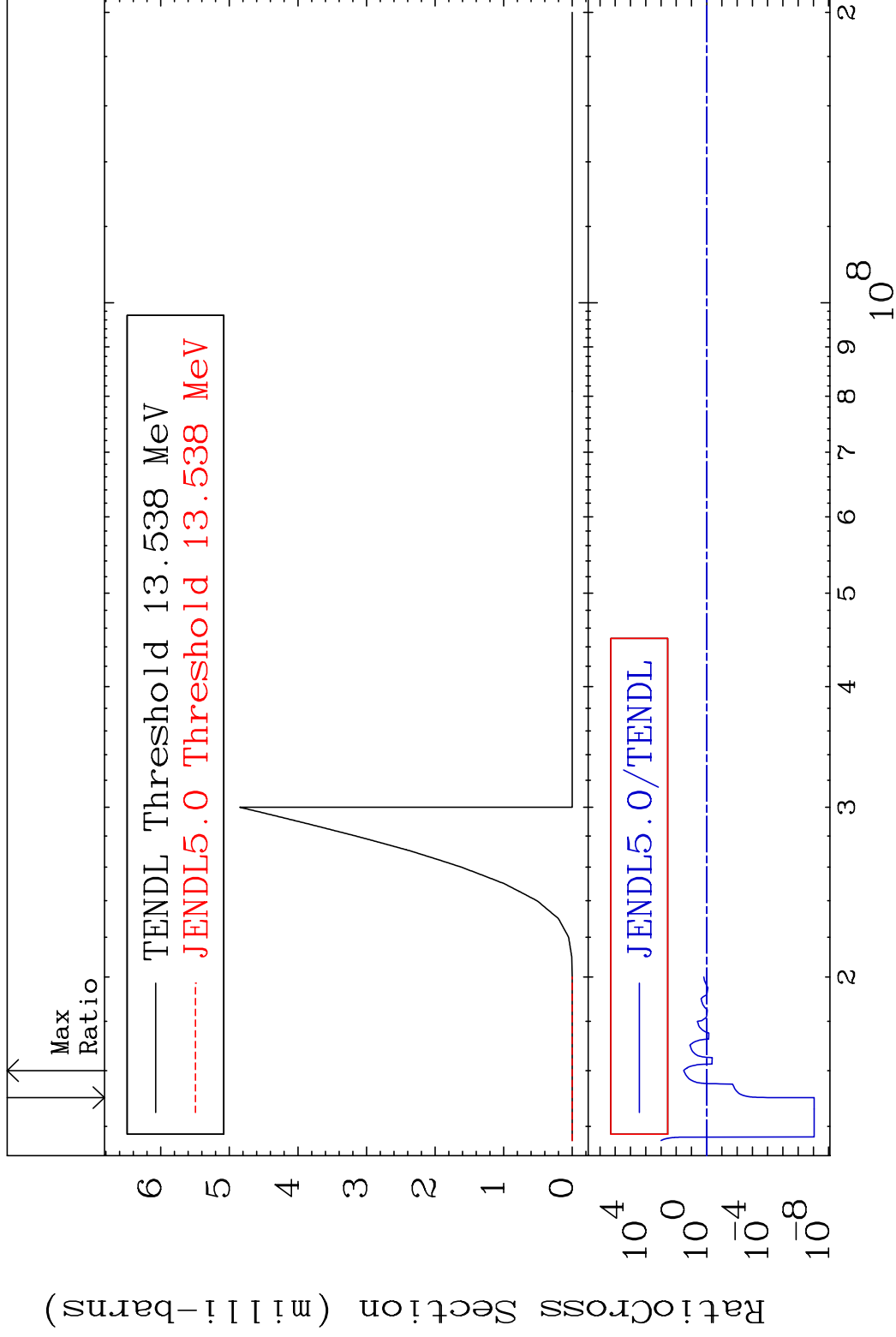
66-Dy-164

MAT 6649

(n, n') t

66-Dy-164

Cross Section -100.0 To 3141. %

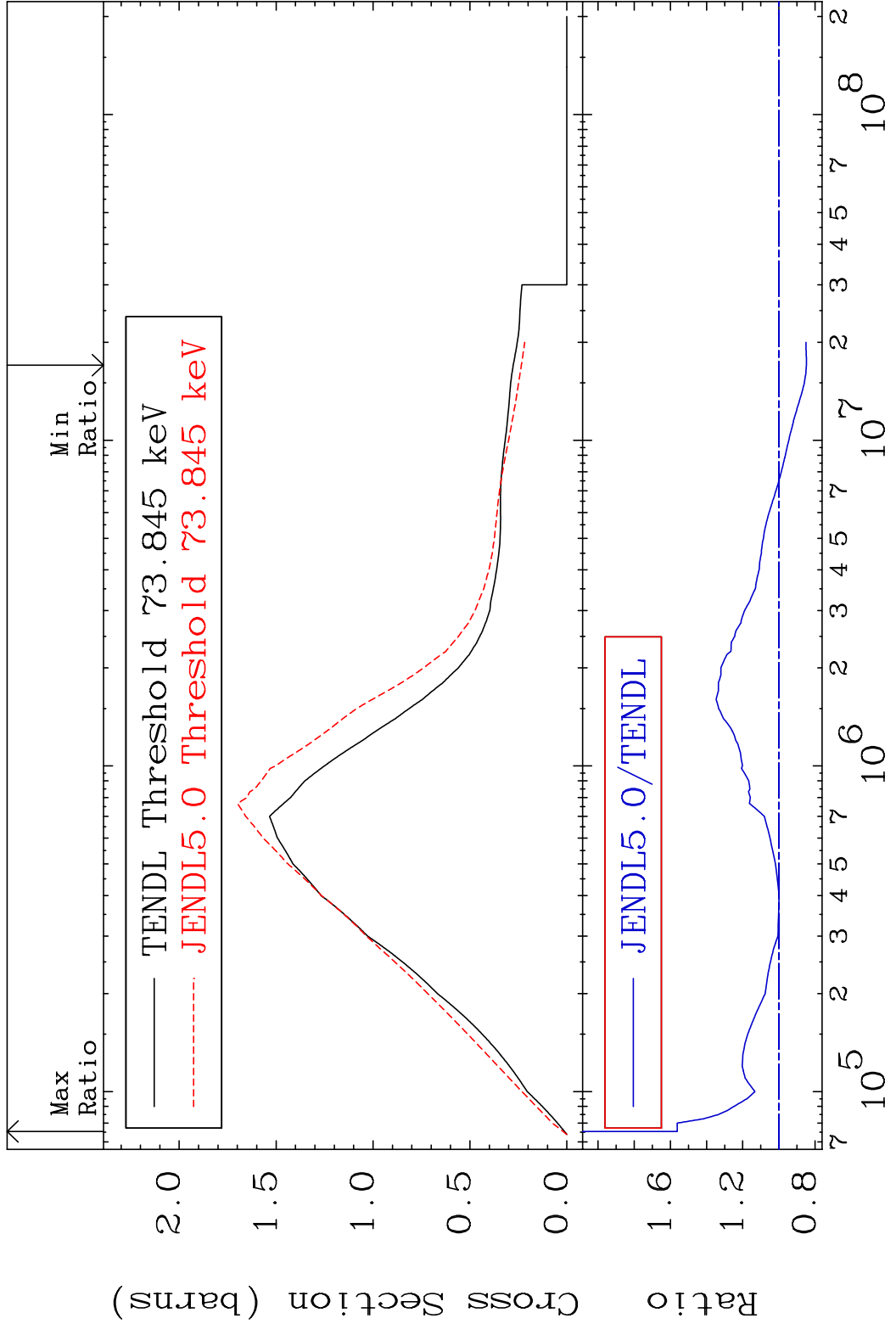


10

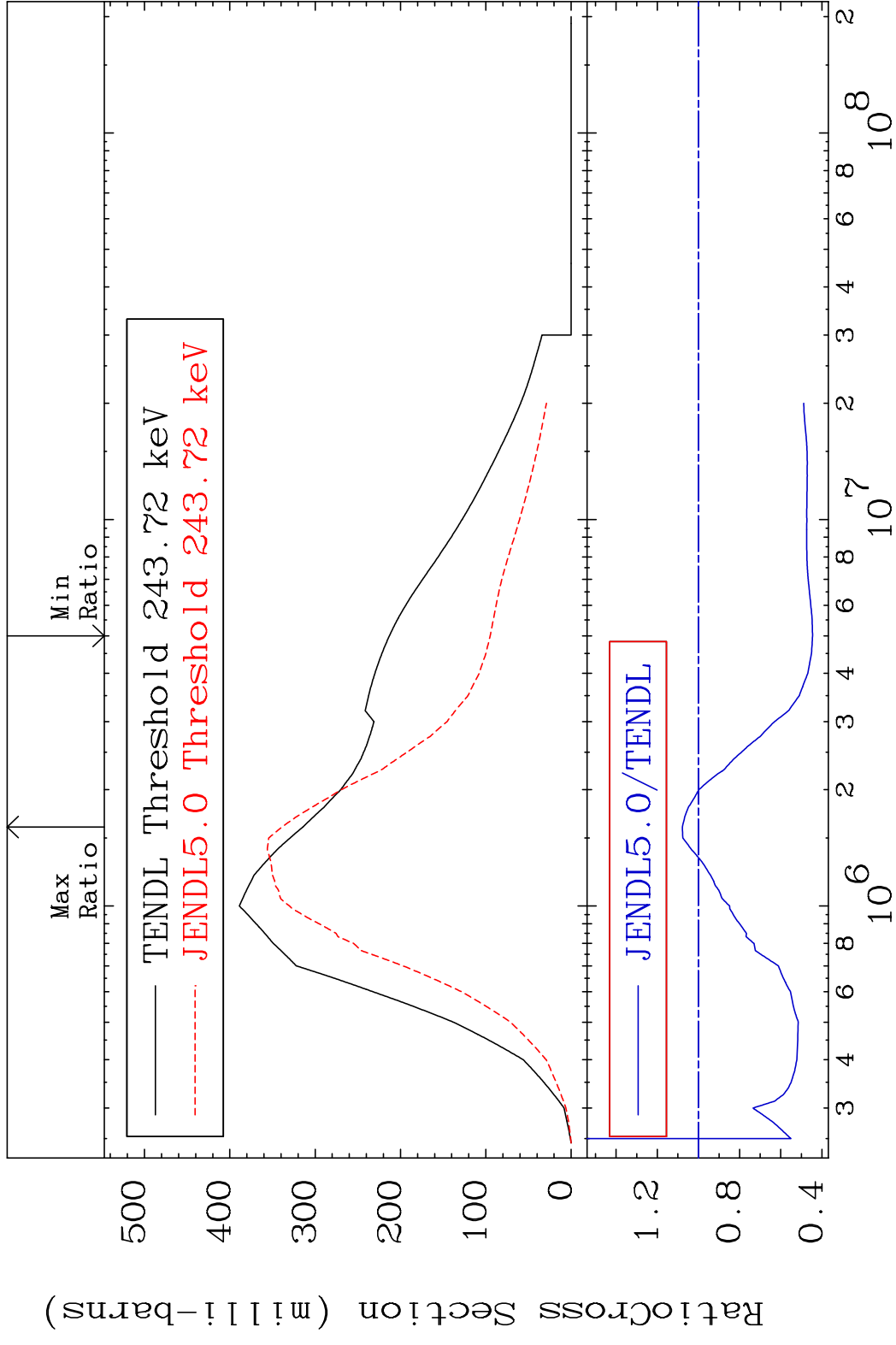
Incident Energy (eV)

66-Dy-164

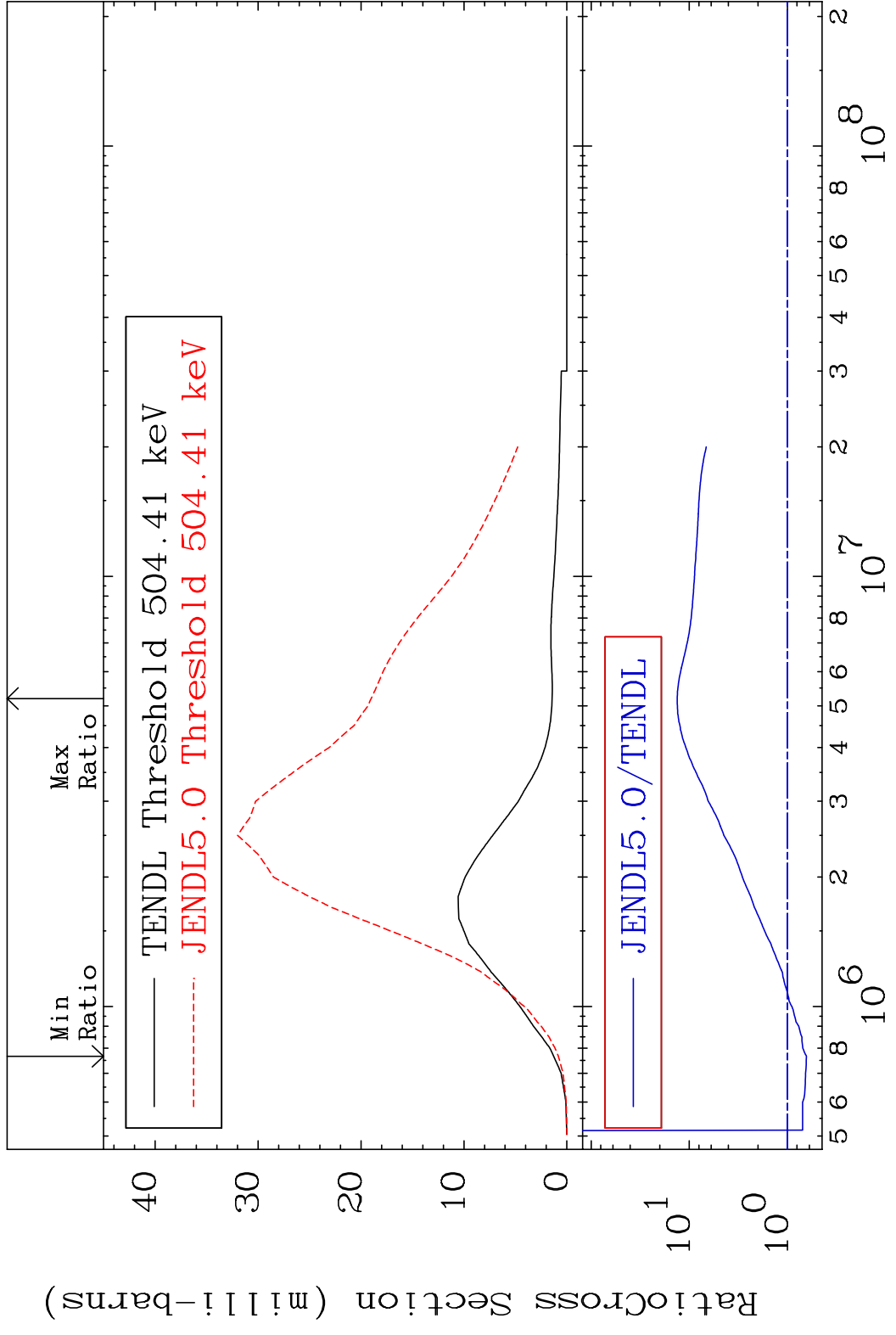
MAT 6649 MT= 51 (n, n') Level 66-Dy-164  
 Cross Section -15.20 To 56.23 %



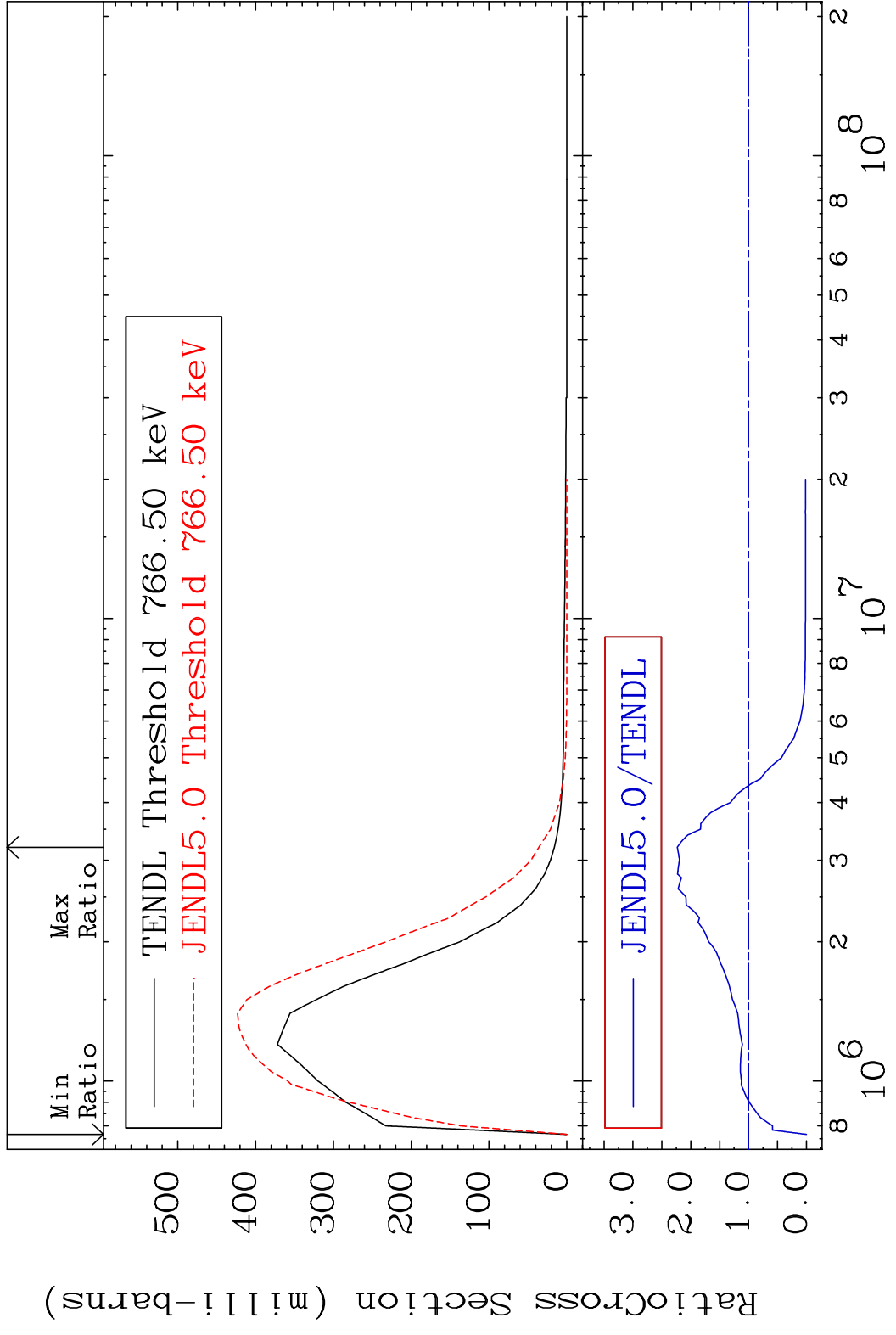
MAT 6649 MT= 52 (n, n') Level 66-Dy-164  
 Cross Section -55.44 To 7.812 %



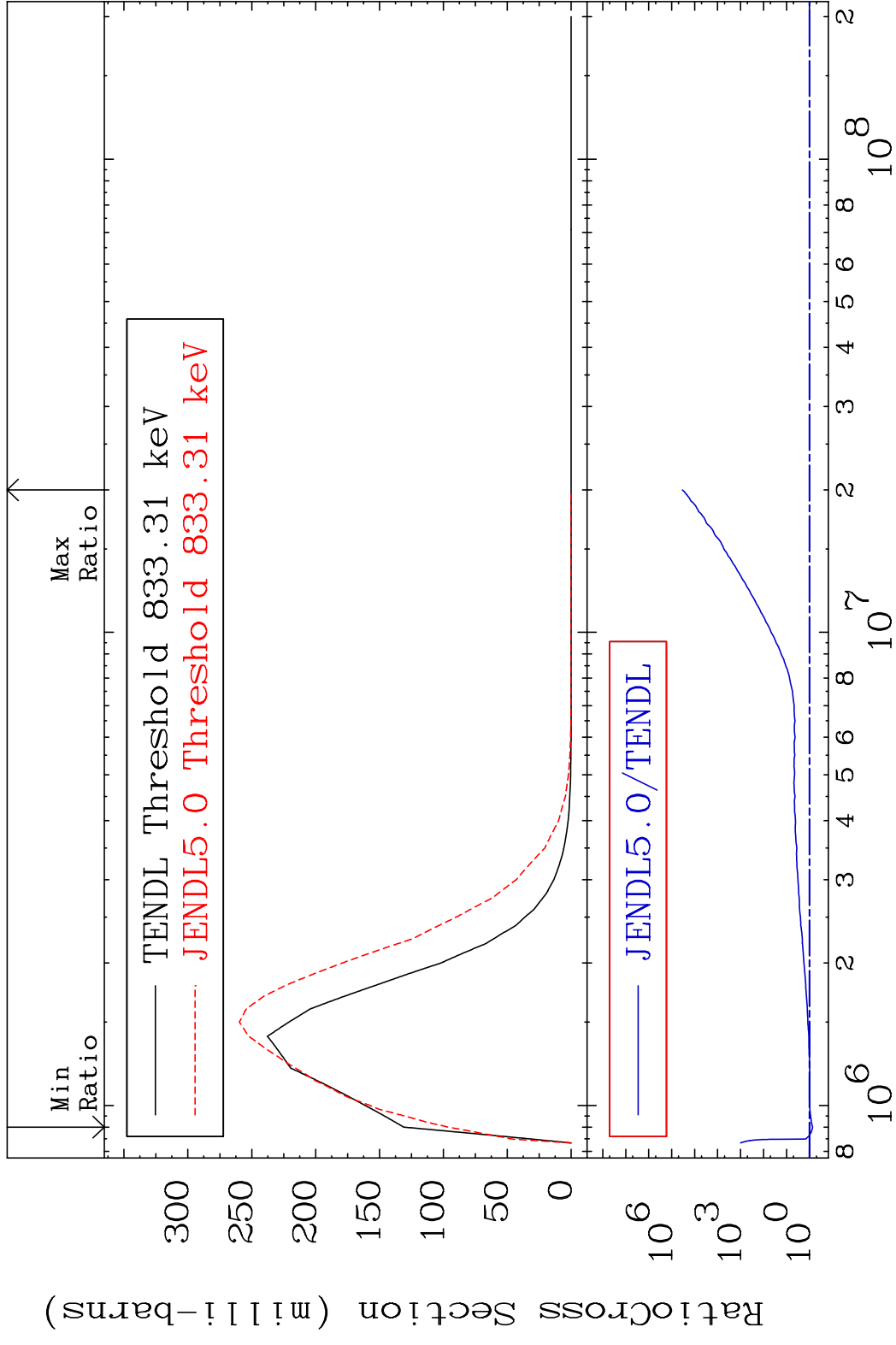
MAT 6649 MT= 53 (n, n') Level 66-Dy-164  
 Cross Section -35.78 To 1229. %



MAT 6649 MT= 54 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 123.5 %

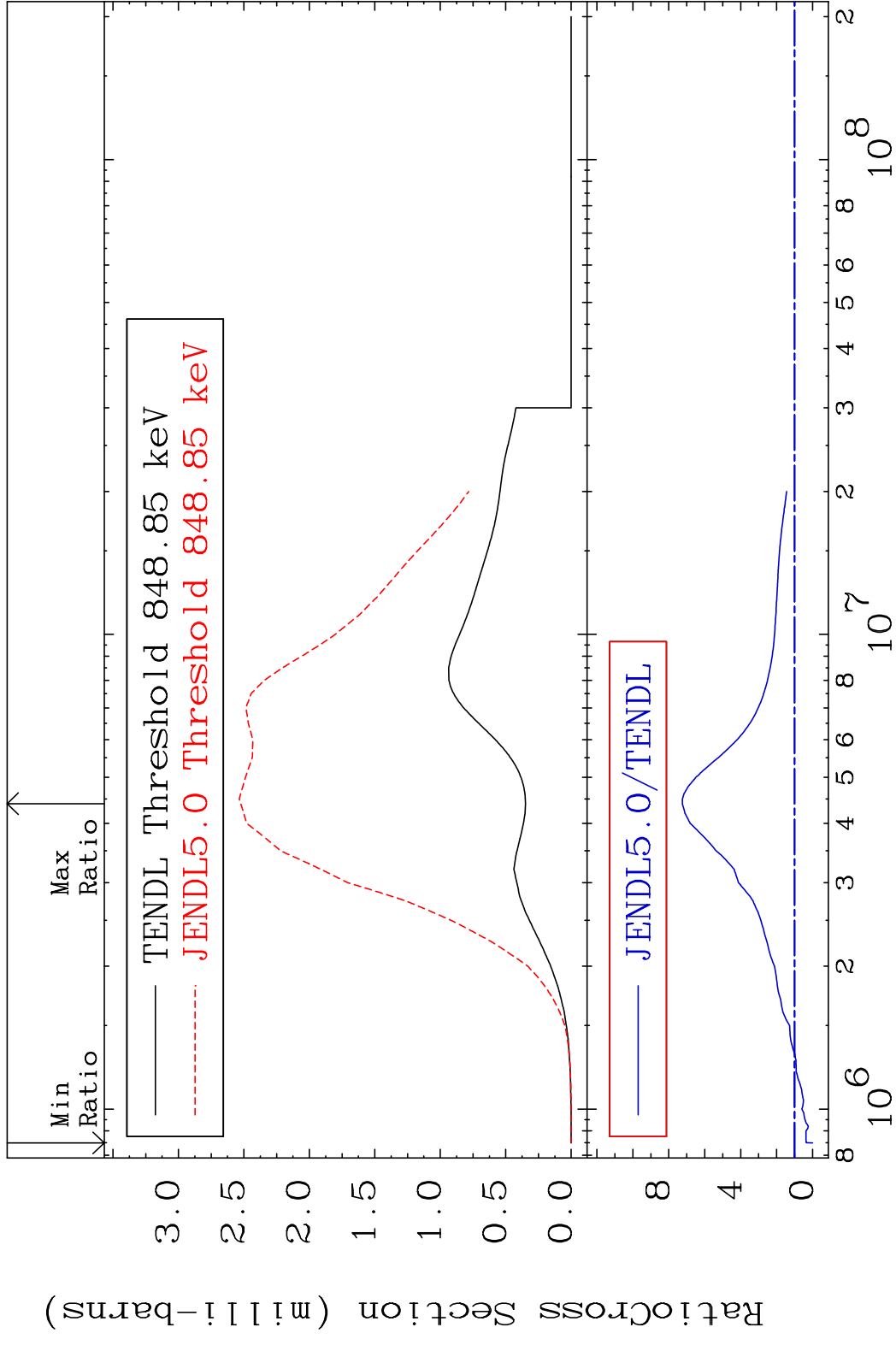


MAT 6649 MT= 55 (n, n') Level 66-Dy-164  
 Cross Section -26.53 To 9999. %



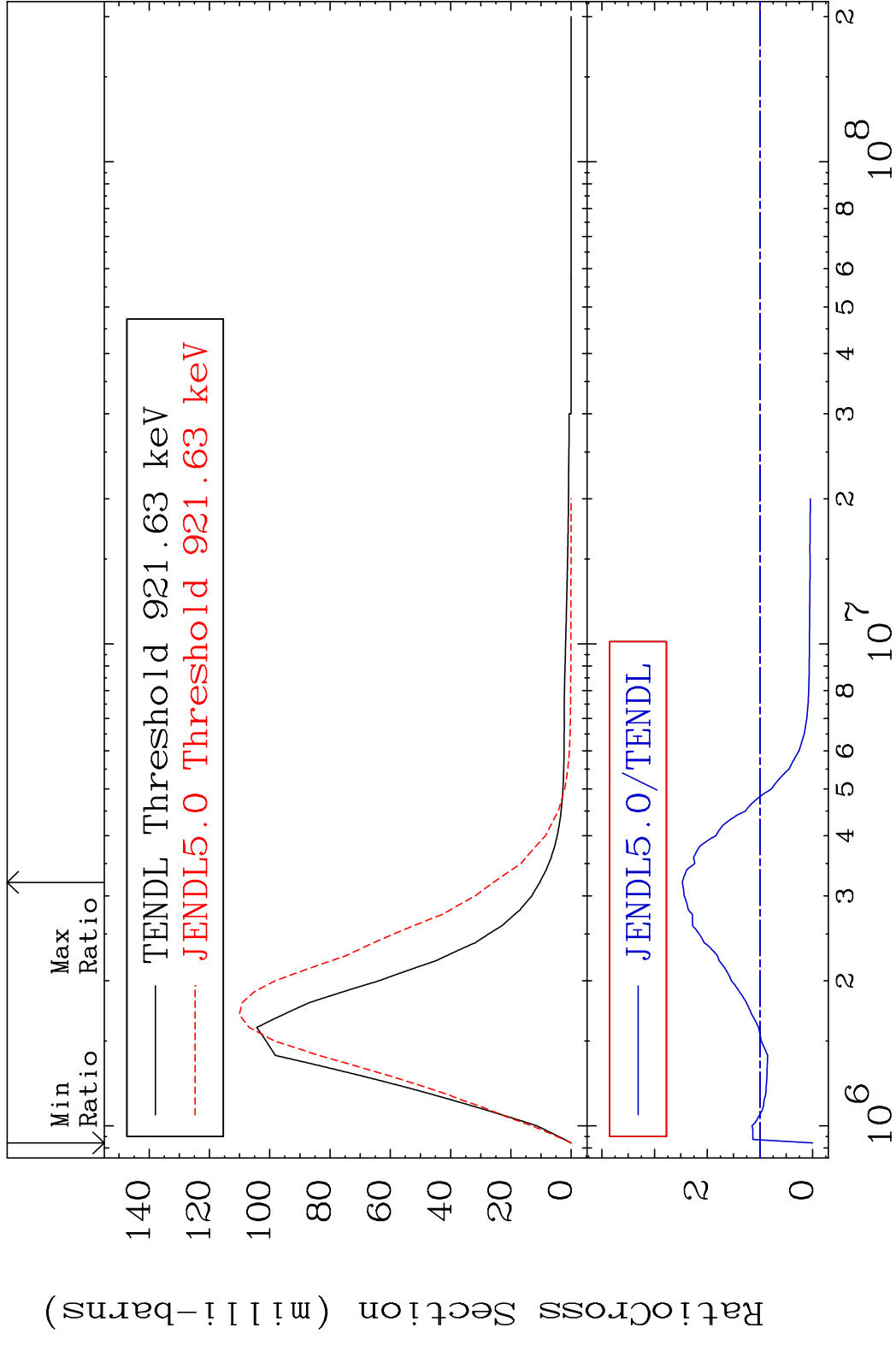


MAT 6649 MT= 56 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 624.6 %



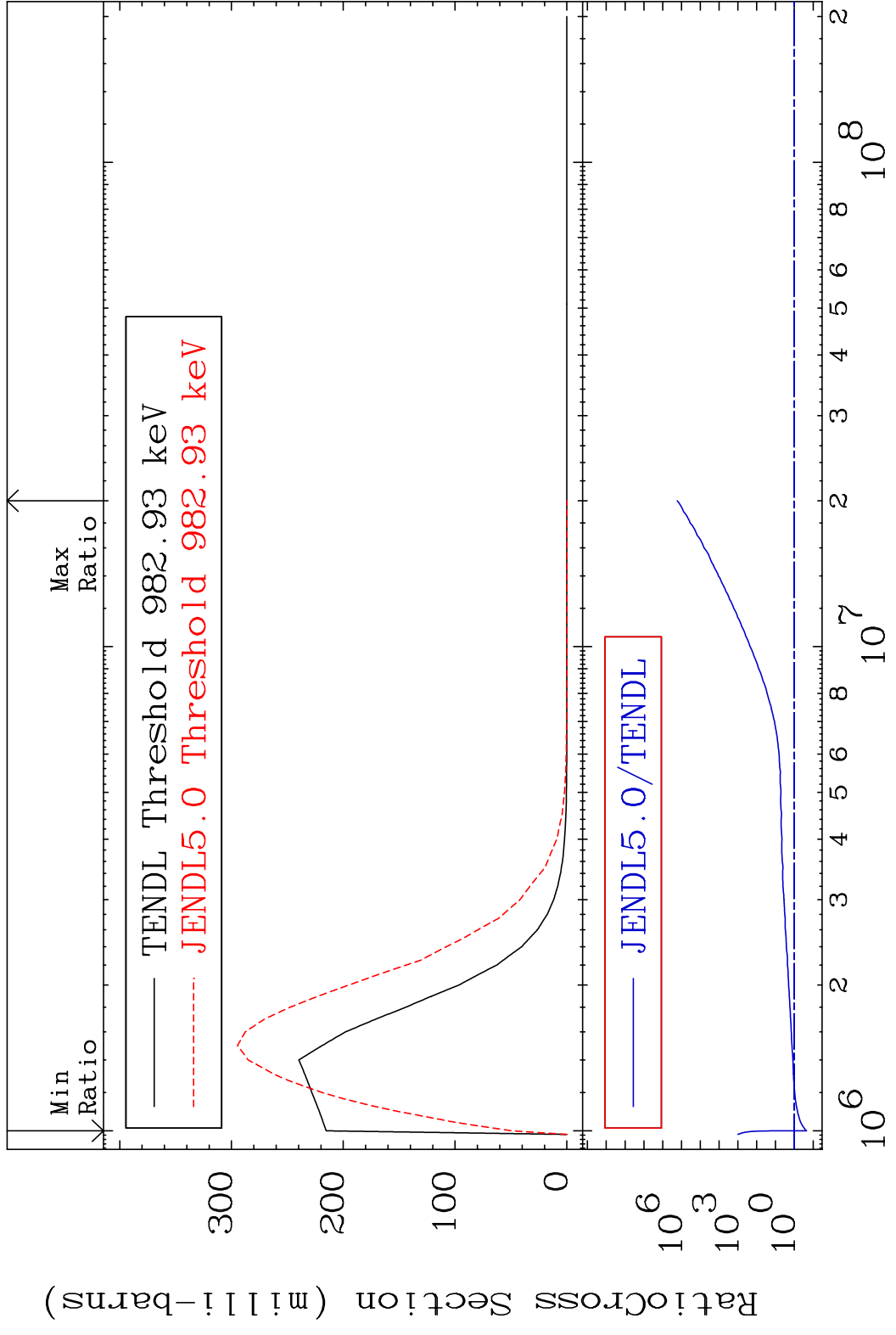
16 Incident Energy (eV) 66-Dy-164

MAT 6649 MT= 57 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 147.2 %



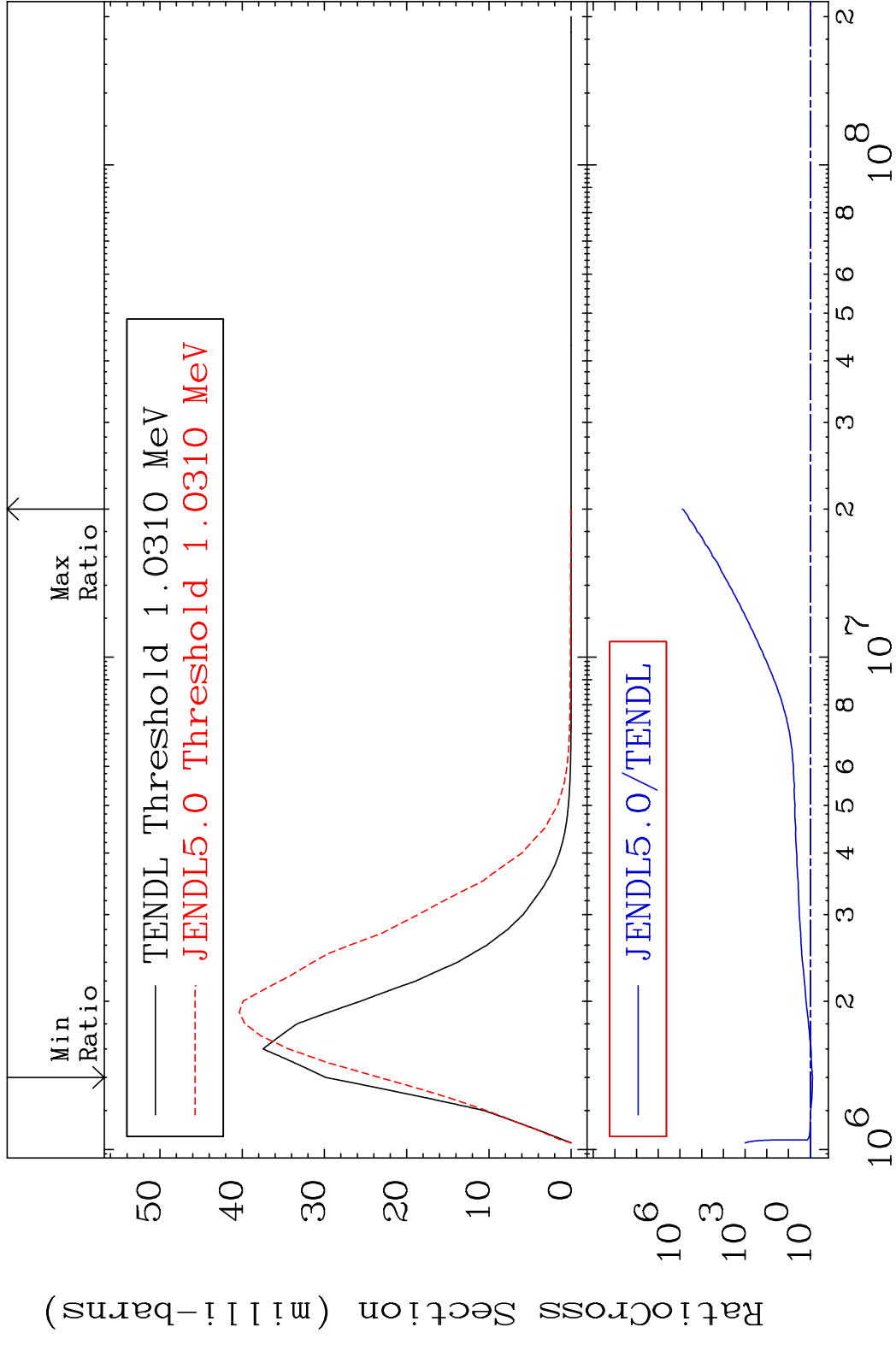
17 Incident Energy (eV) 66-Dy-164

MAT 6649 MT= 58 (n, n') Level 66-Dy-164  
 Cross Section -77.17 To 9999. %



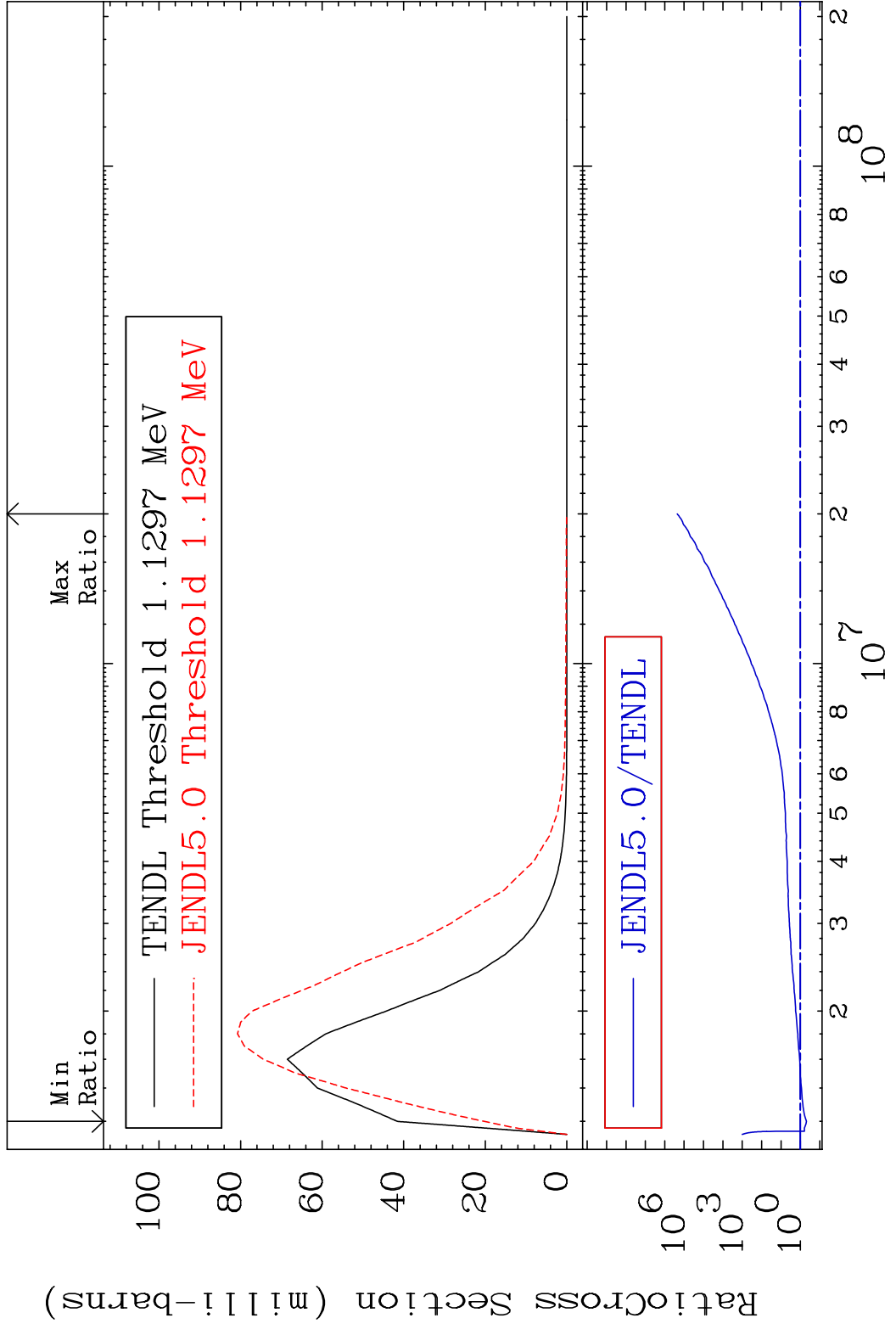
18 Incident Energy (eV) 66-Dy-164

MAT 6649 MT= 59 (n, n') Level 66-Dy-164  
 Cross Section -21.89 To 9999. %

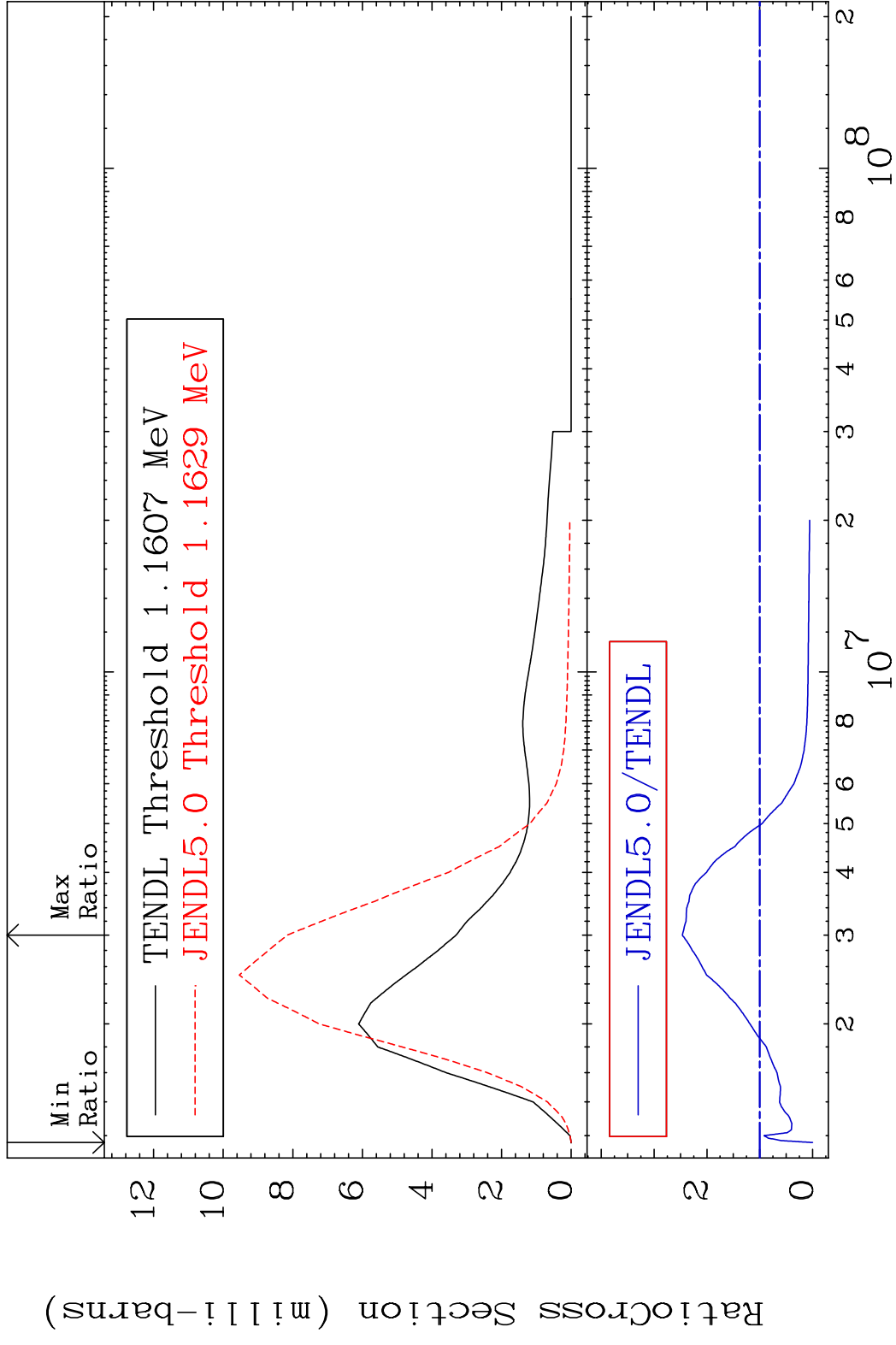




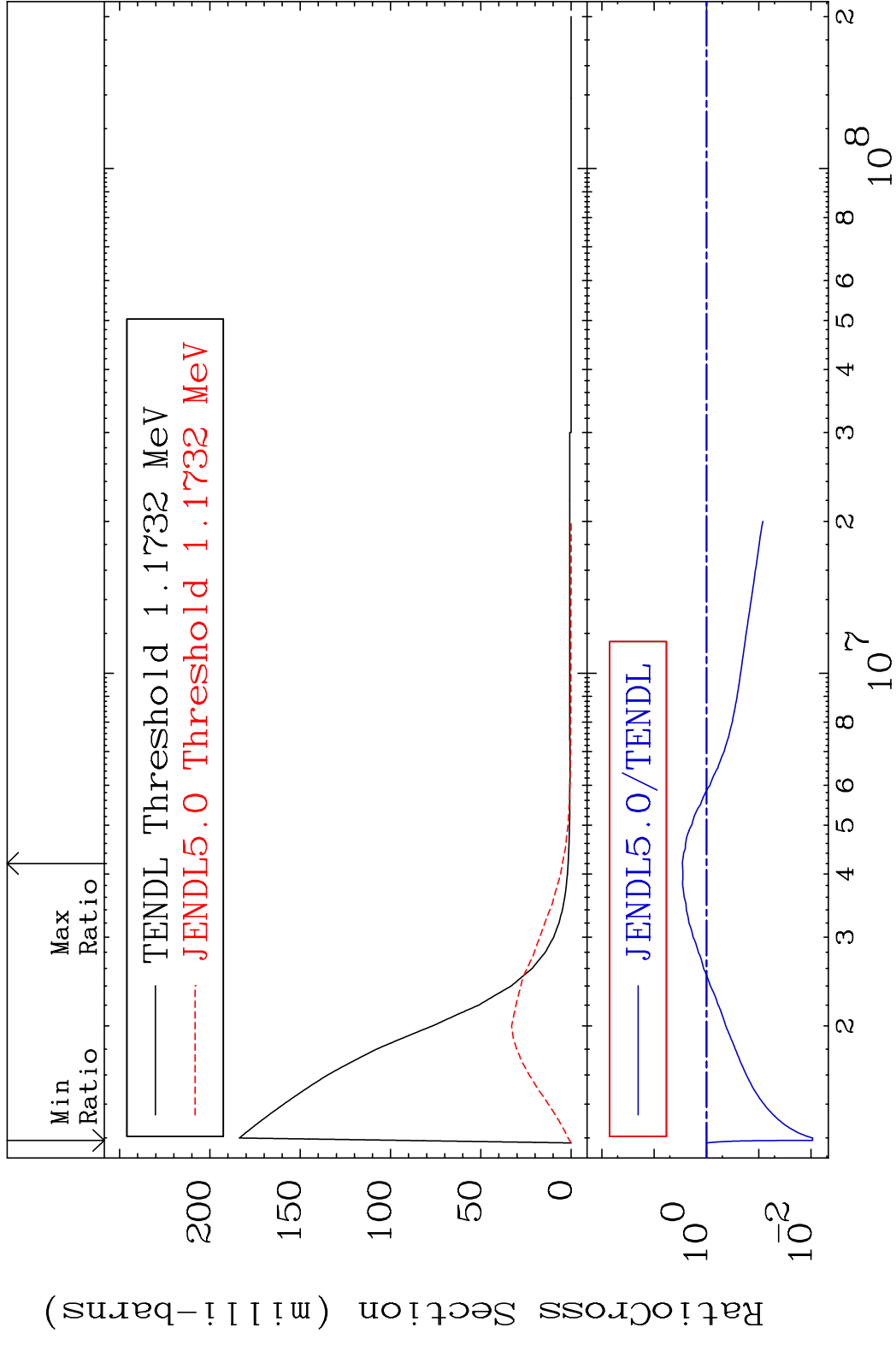
MAT 6649 MT= 61 (n, n') Level 66-Dy-164  
 Cross Section -51.18 To 9999. %



MAT 6649 MT= 62 (n, n') Level 66-Dy-164  
 Cross Section -100.0 To 146.5 %

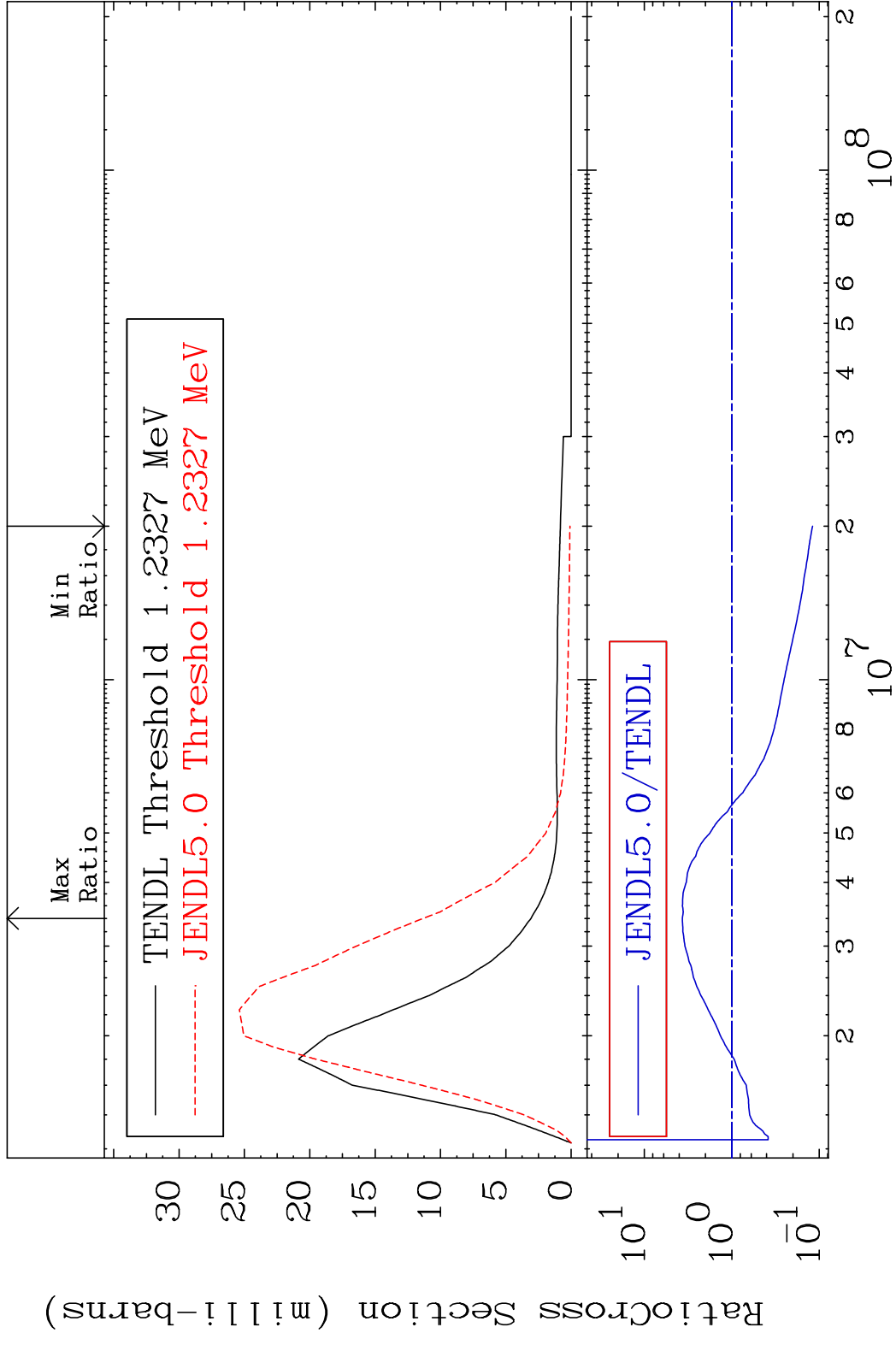


MAT 6649 MT= 63 (n, n') Level 66-Dy-164  
 Cross Section -99.06 To 189.4 %





MAT 6649 MT= 64 (n, n') Level 66-Dy-164  
 Cross Section -88.07 To 267.6 %

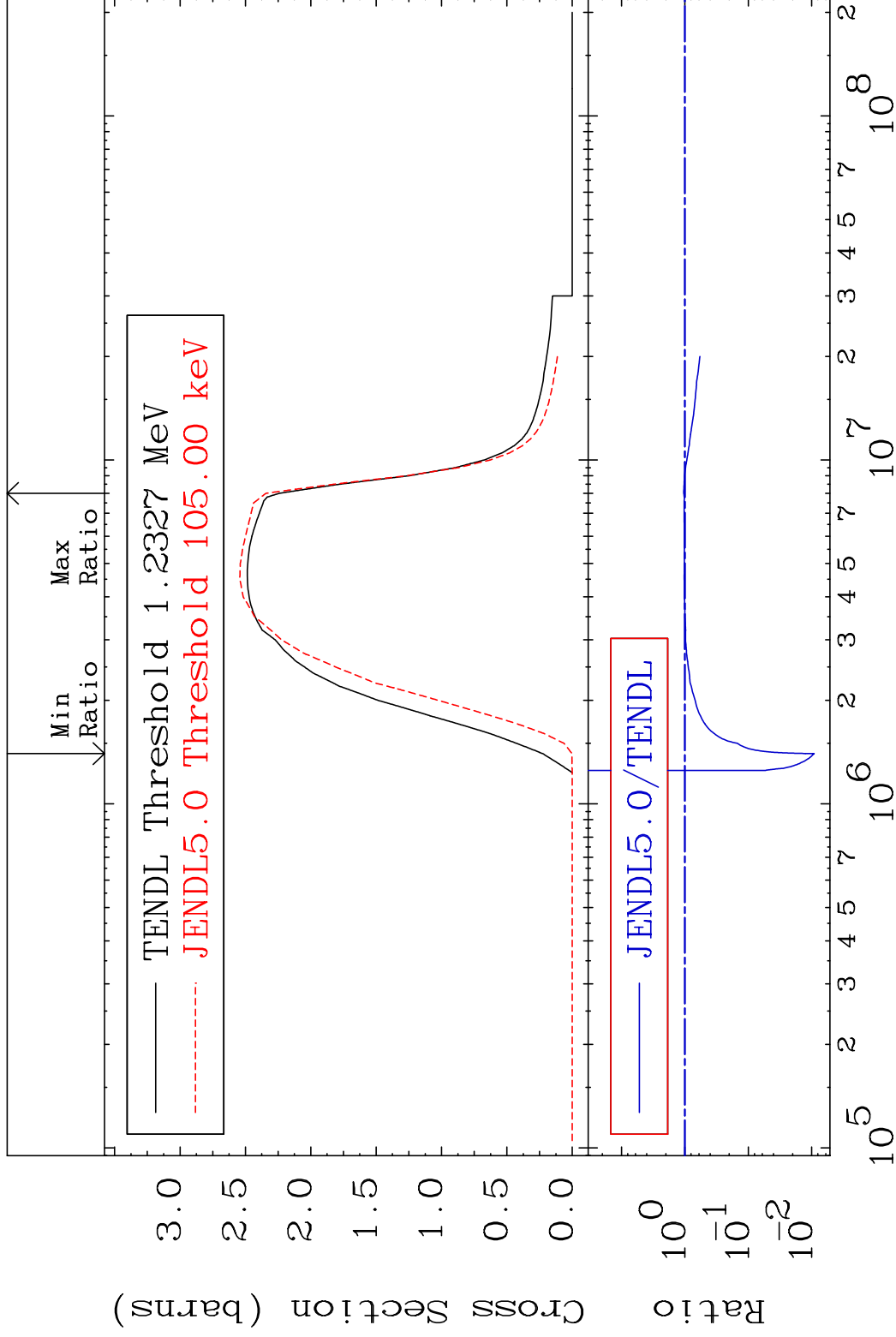


MAT 6649

(n, n') Continuum

66-Dy-164

Cross Section -99.08 To 4.551 %



25

Incident Energy (eV)

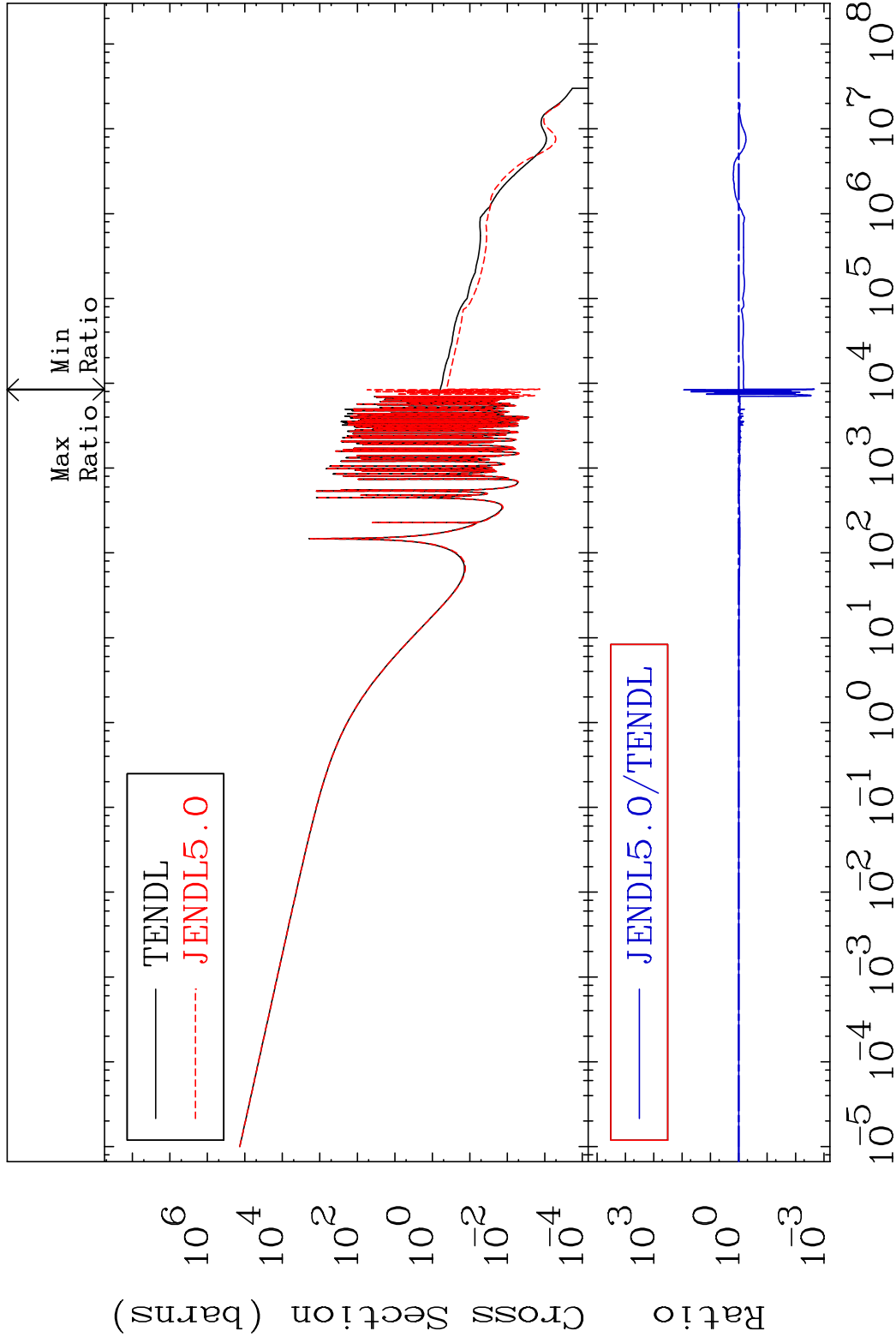
66-Dy-164

MAT 6649

(n,  $\gamma$ )

66-Dy-164

Cross Section -99.78 To 8715. %



26

Incident Energy (eV)

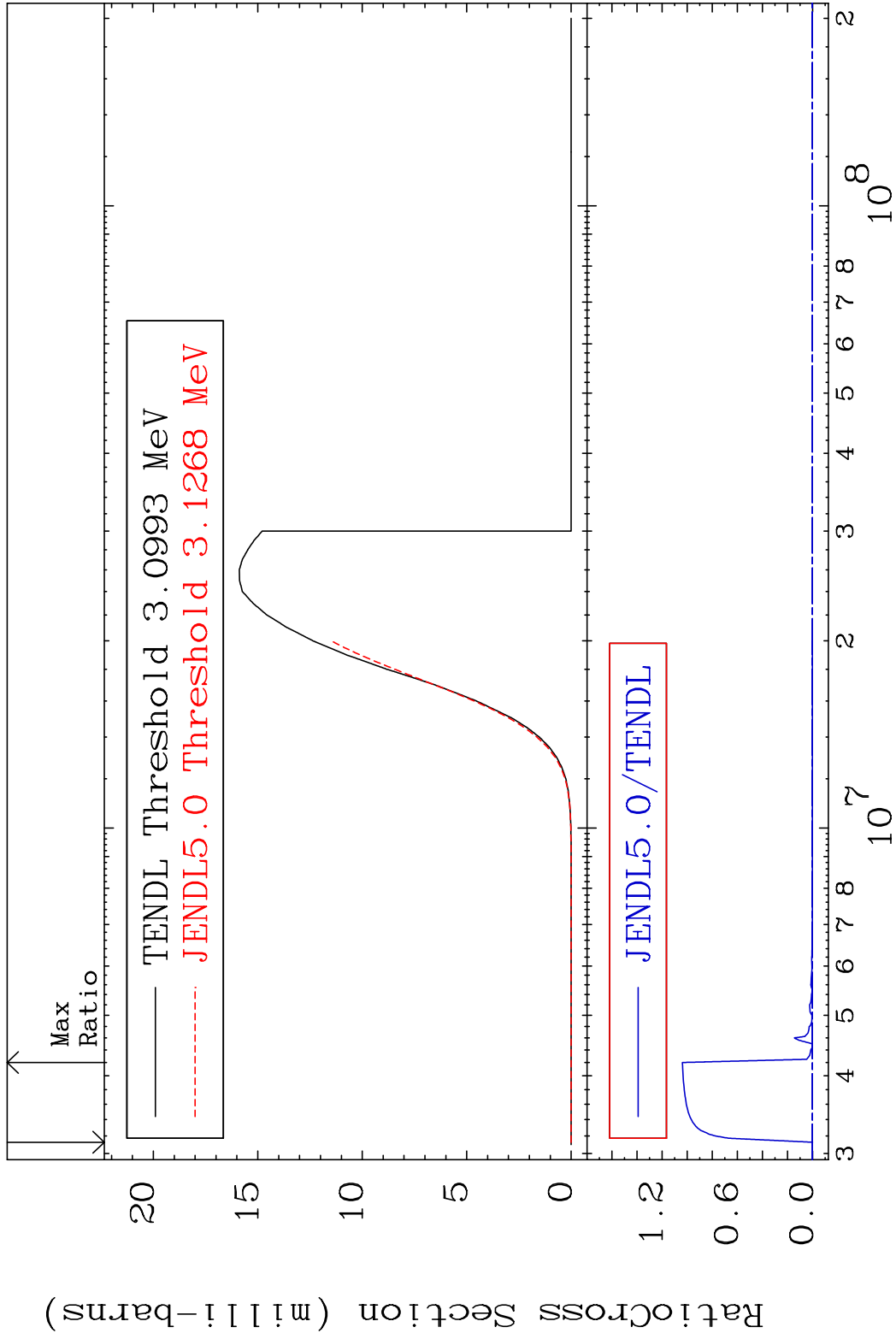
66-Dy-164

MAT 6649

(n,p)

66-Dy-164

Cross Section -100.0 To 9999. %

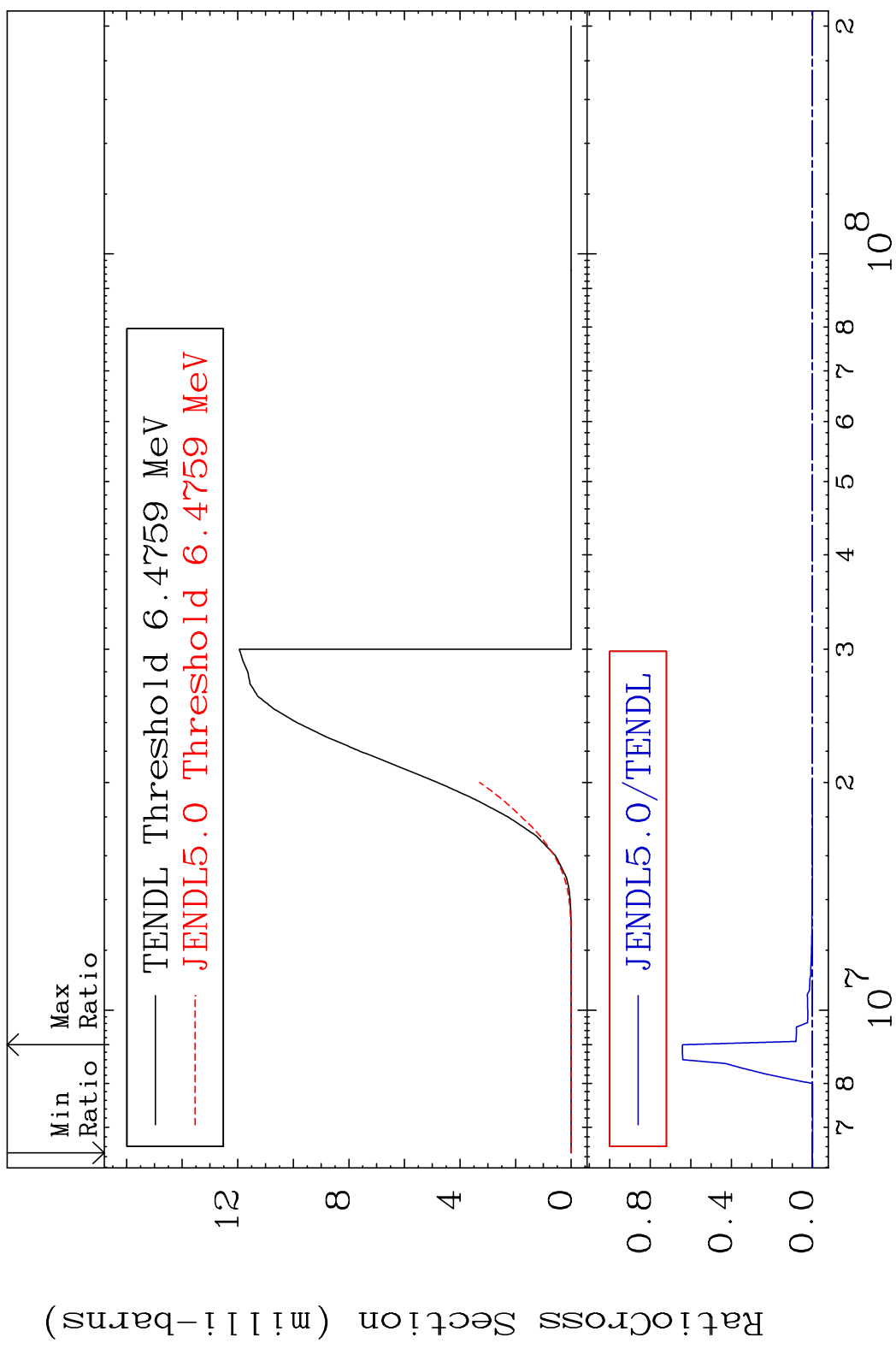


MAT 6649

(n,d)

66-Dy-164

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

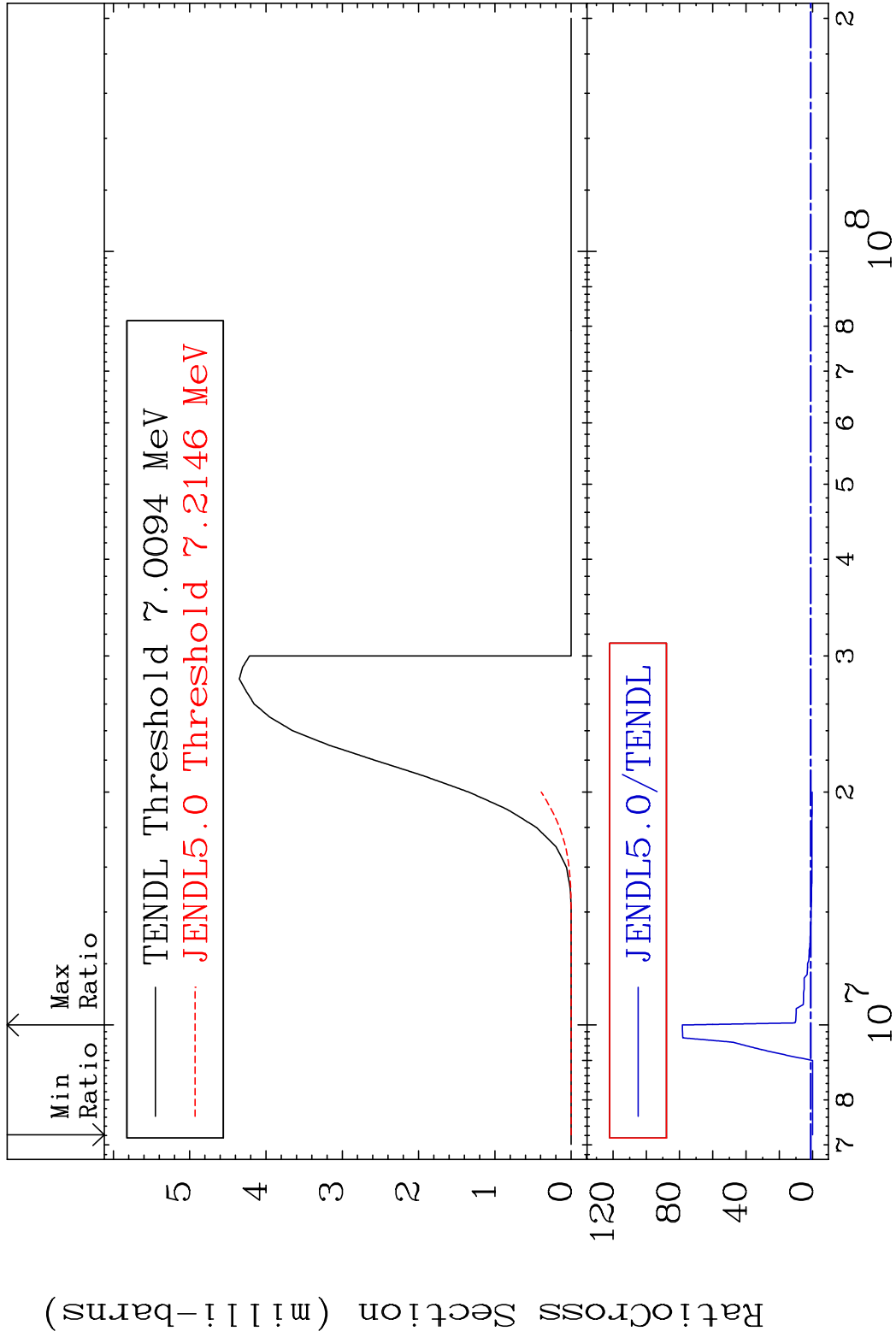
66-Dy-164

MAT 6649

(n, t)

66-Dy-164

Cross Section -100.0 To 7729. %



29

Incident Energy (eV)

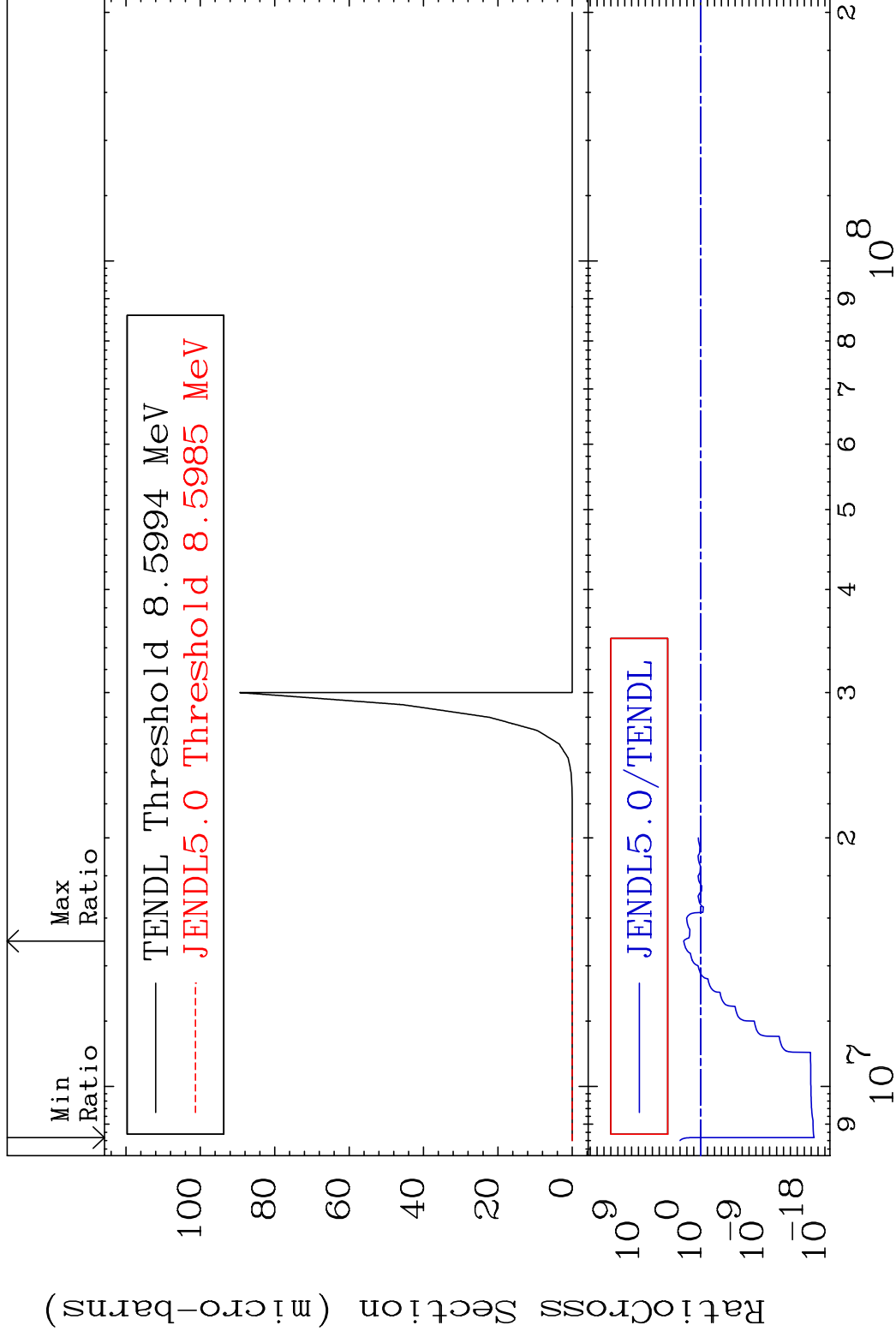
66-Dy-164

MAT 6649

(n, He-3)

66-Dy-164

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

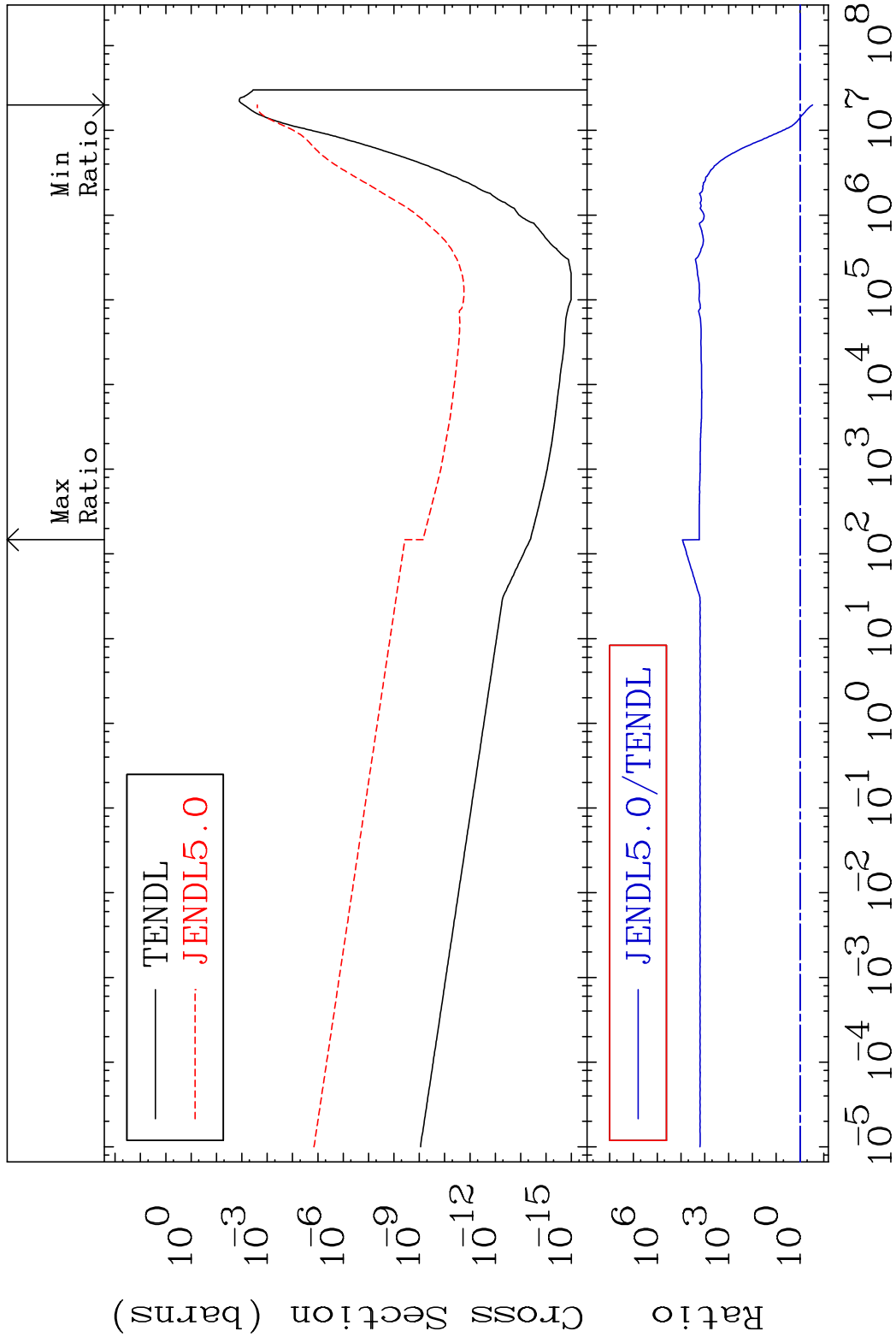
66-Dy-164

MAT 6649

66-Dy-164

(n,  $\alpha$ )

Cross Section -70.36 To 9999. %



31

Incident Energy (eV)

66-Dy-164

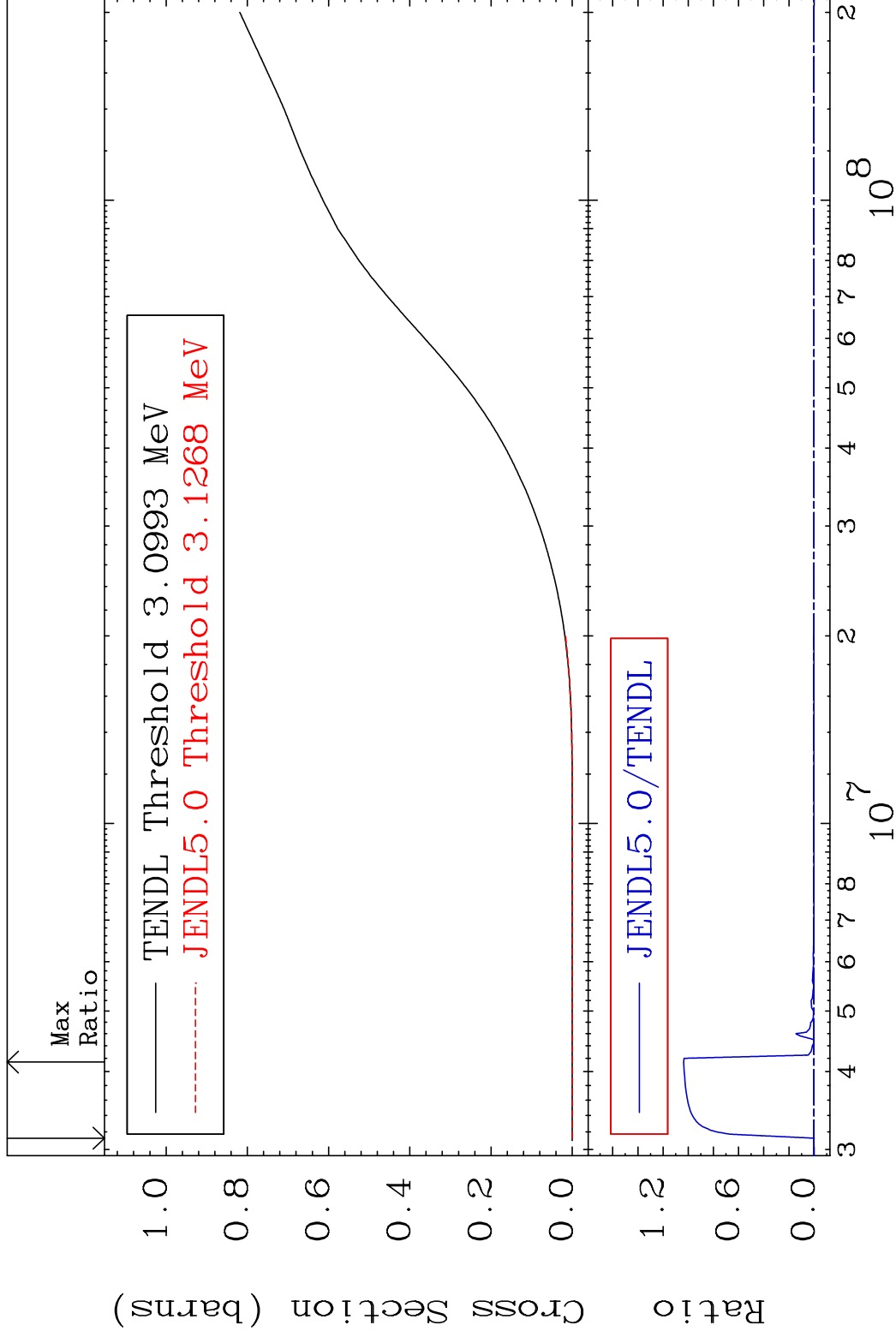


MAT 6649

Hydrogen Production

66-Dy-164

Cross Section -100.0 To 9999. %

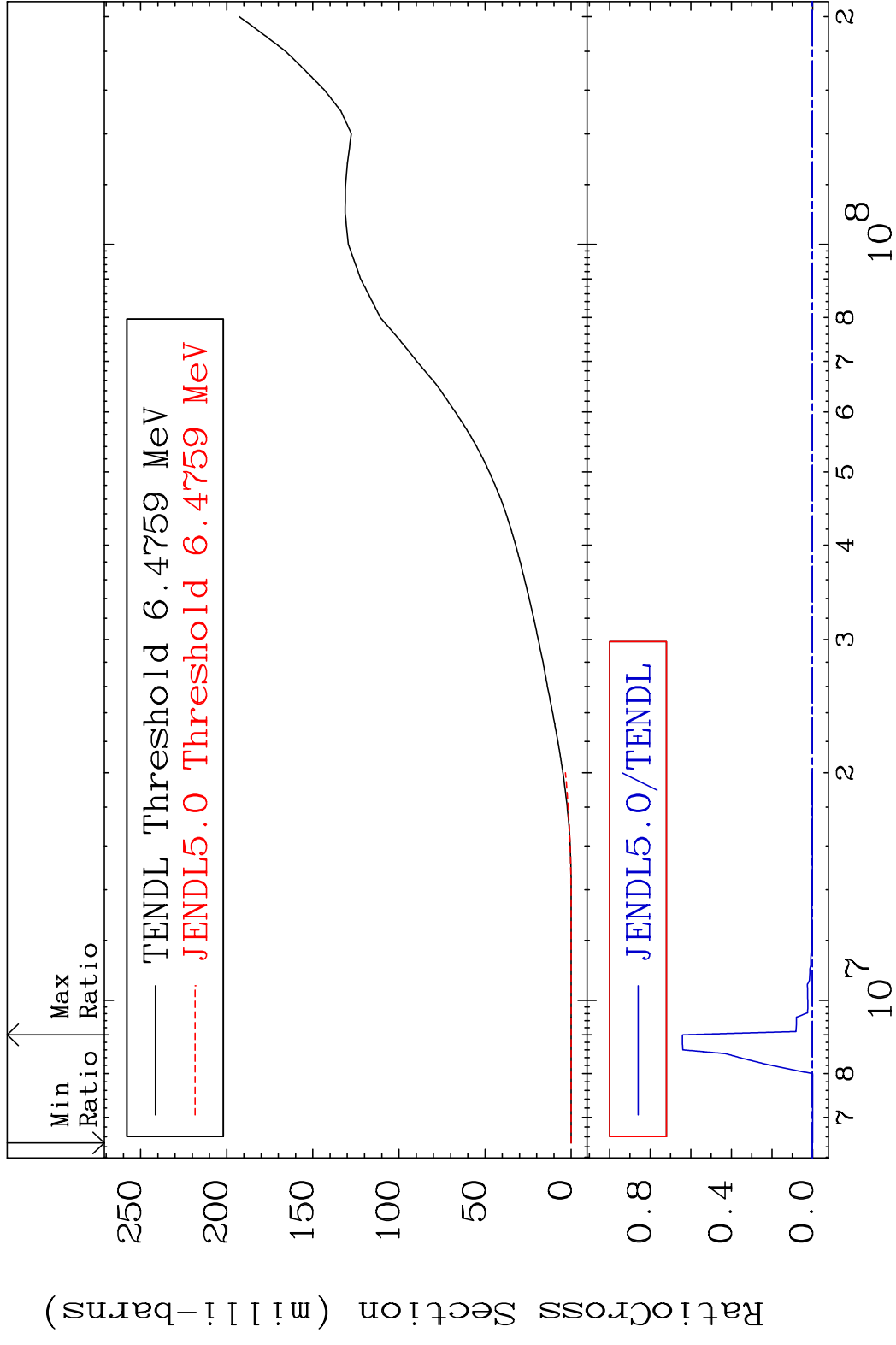


32

Incident Energy (eV)

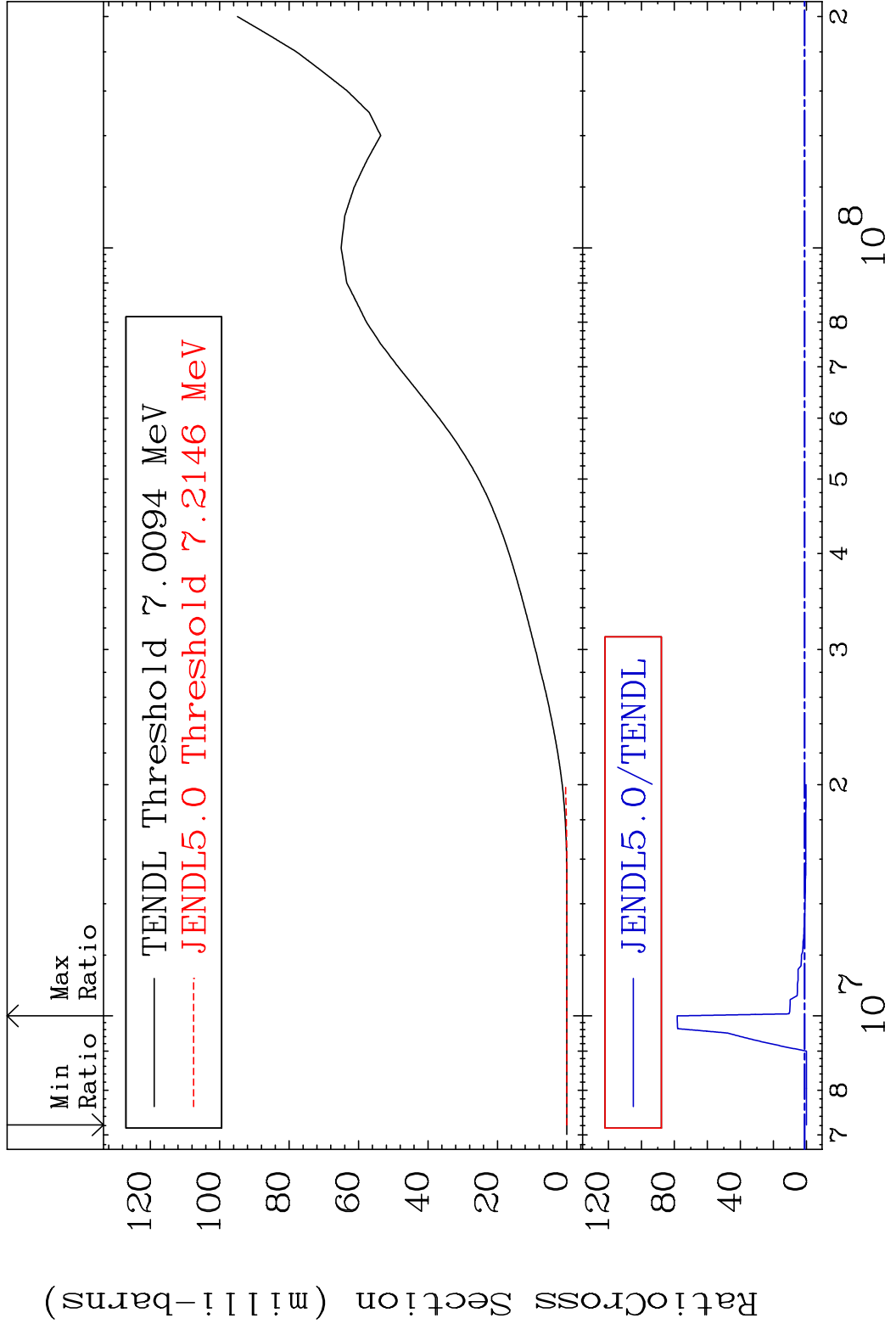
66-Dy-164

MAT 6649 Deuterium Production 66-Dy-164  
 Cross Section -100.0 To 9999. %



MAT 6649

Tritium Production 66-Dy-164  
Cross Section -100.0 To 7729. %

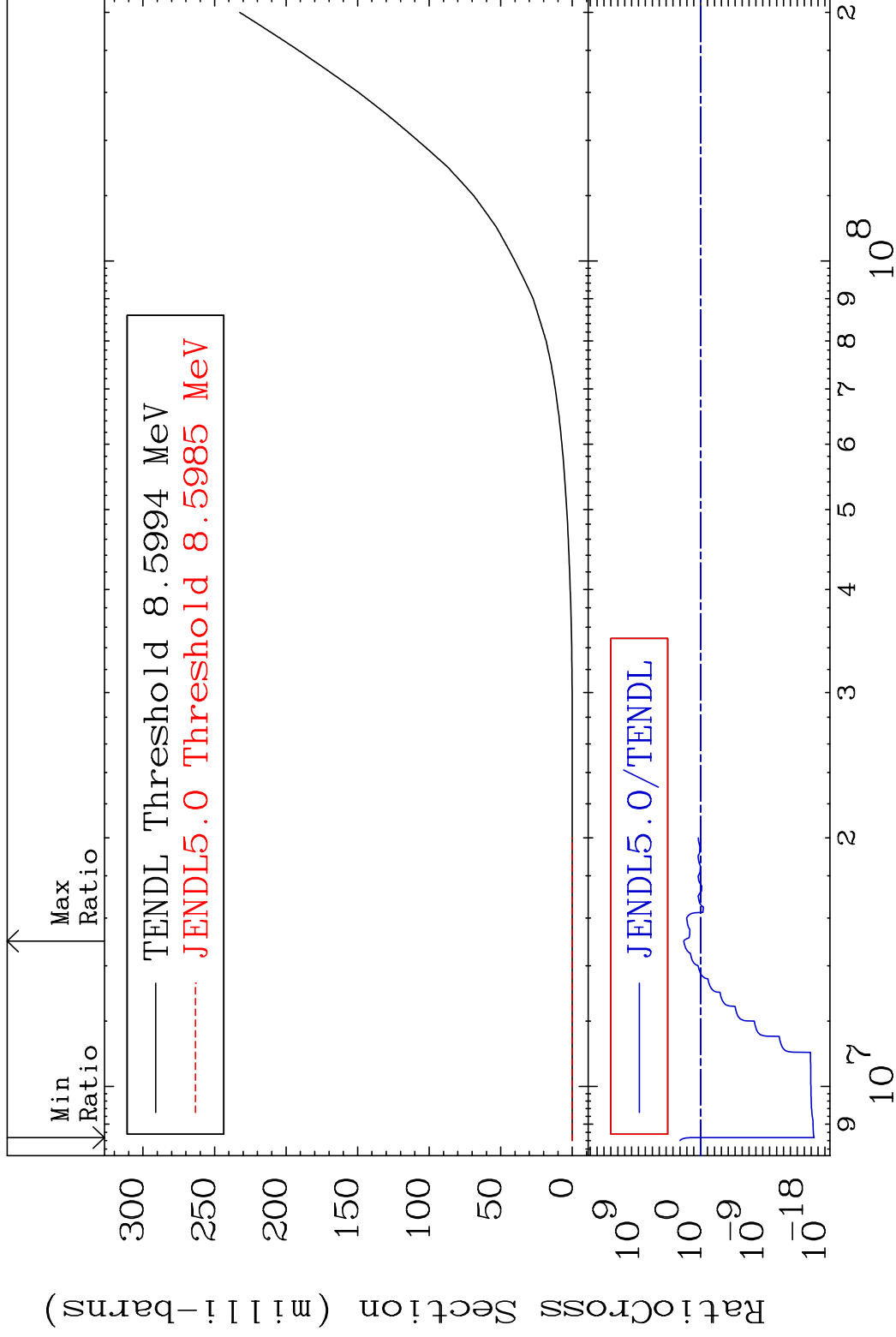


MAT 6649

He-3 Production

66-Dy-164

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

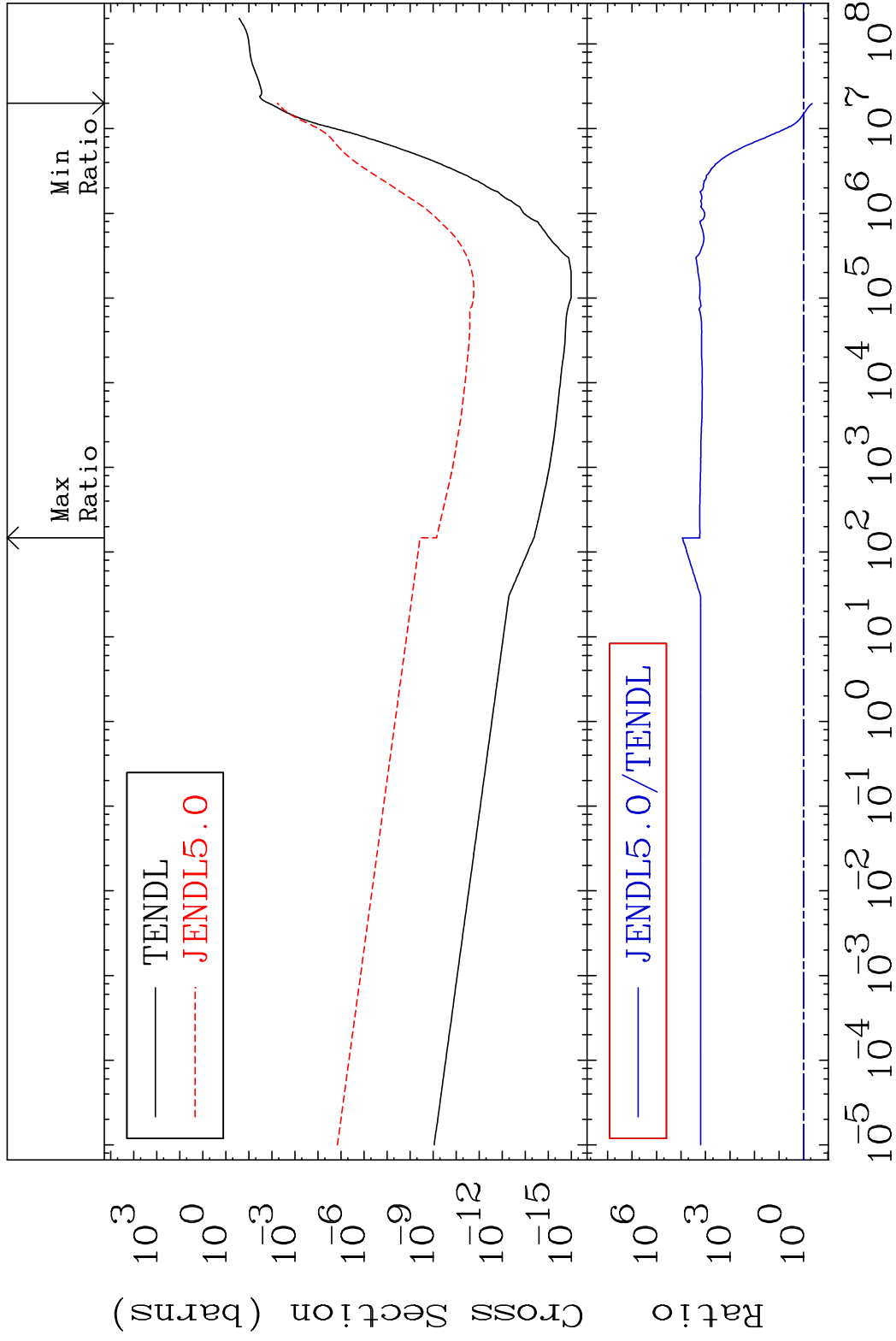
66-Dy-164

MAT 6649

He-4 Production

66-Dy-164

Cross Section -57.34 To 9999. %

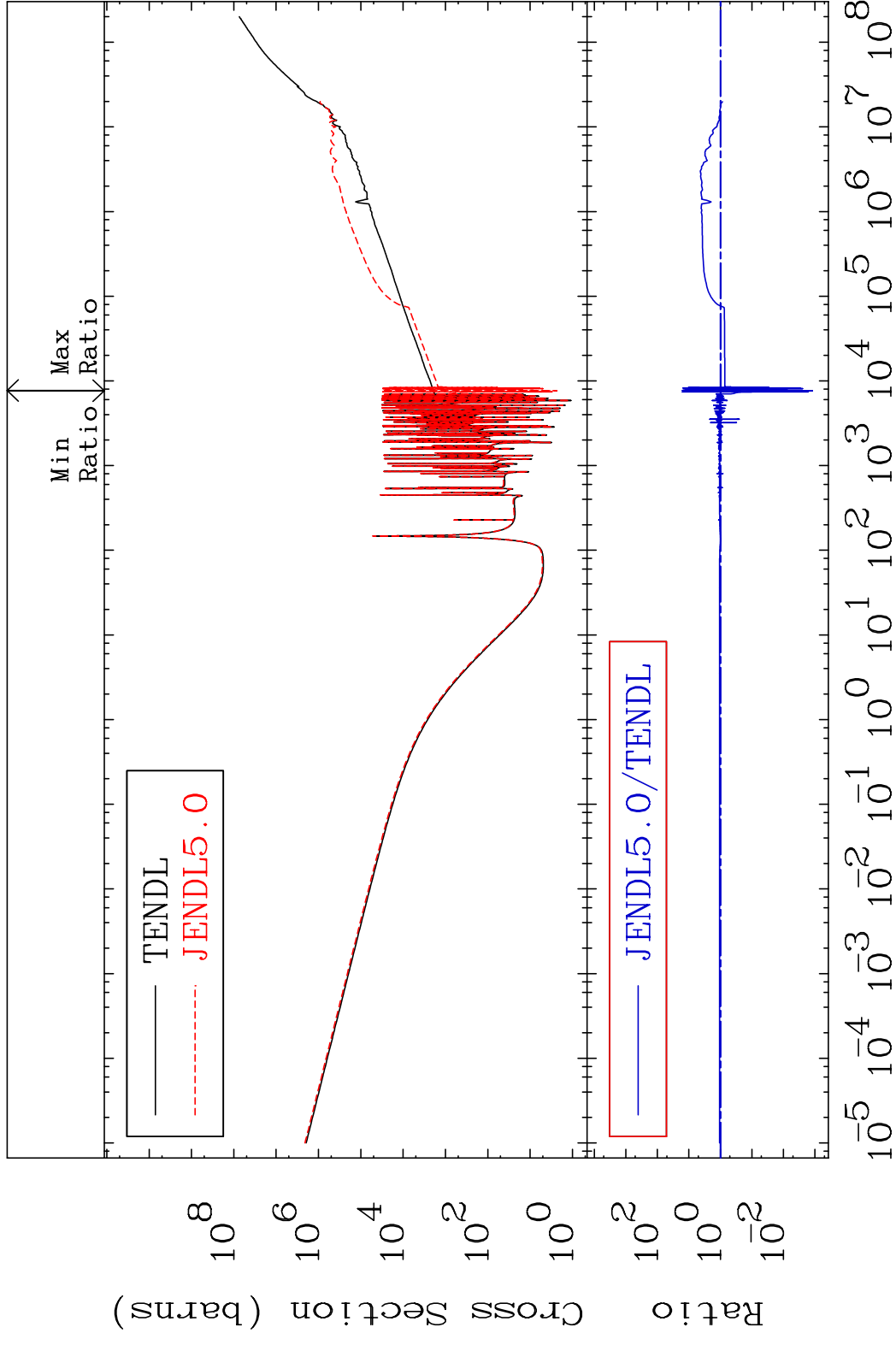


36

Incident Energy (eV)

66-Dy-164

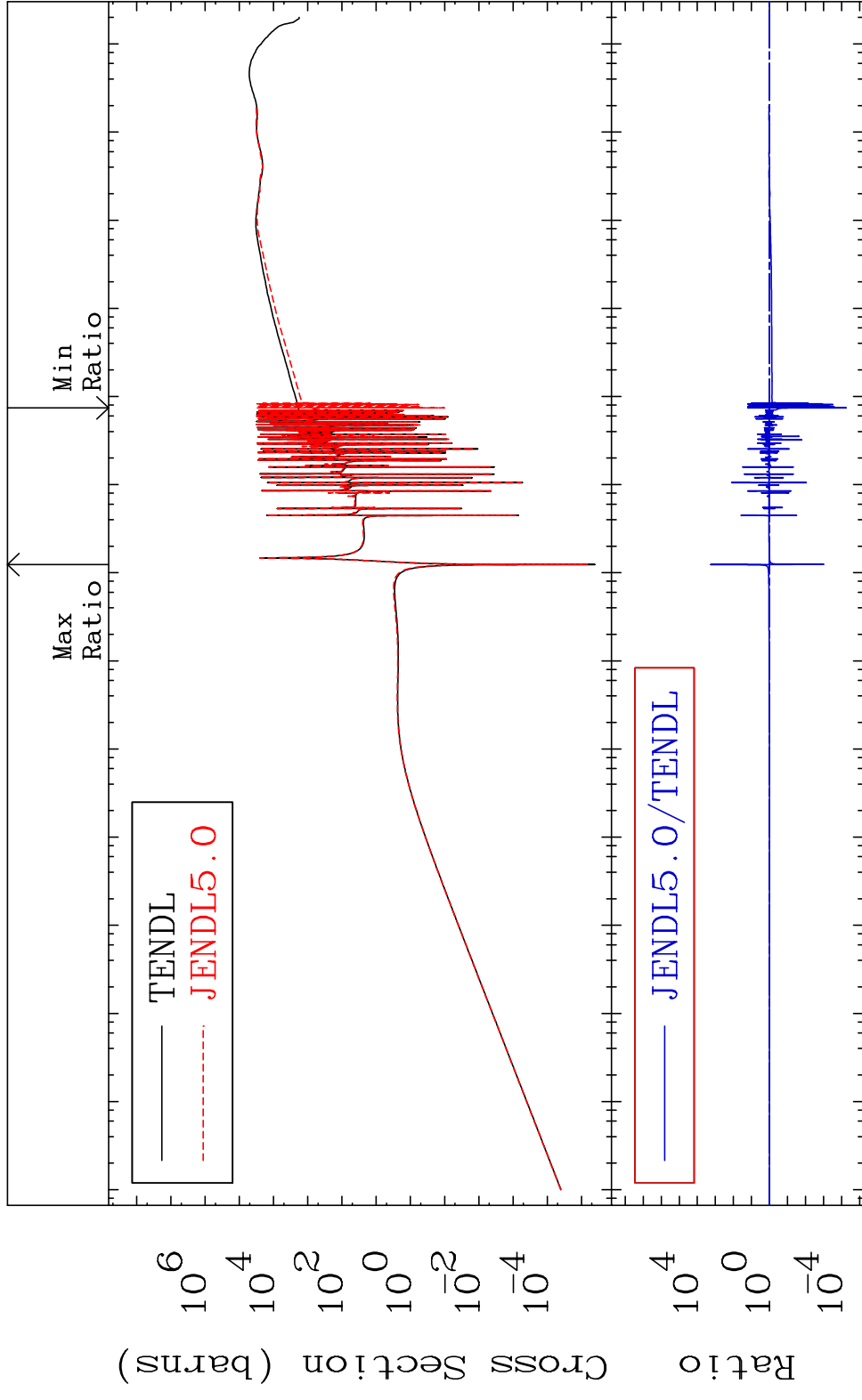
MAT 6649 Kerma total (eV-barns) 66-Dy-164  
 Cross Section -99.88 To 1506. %



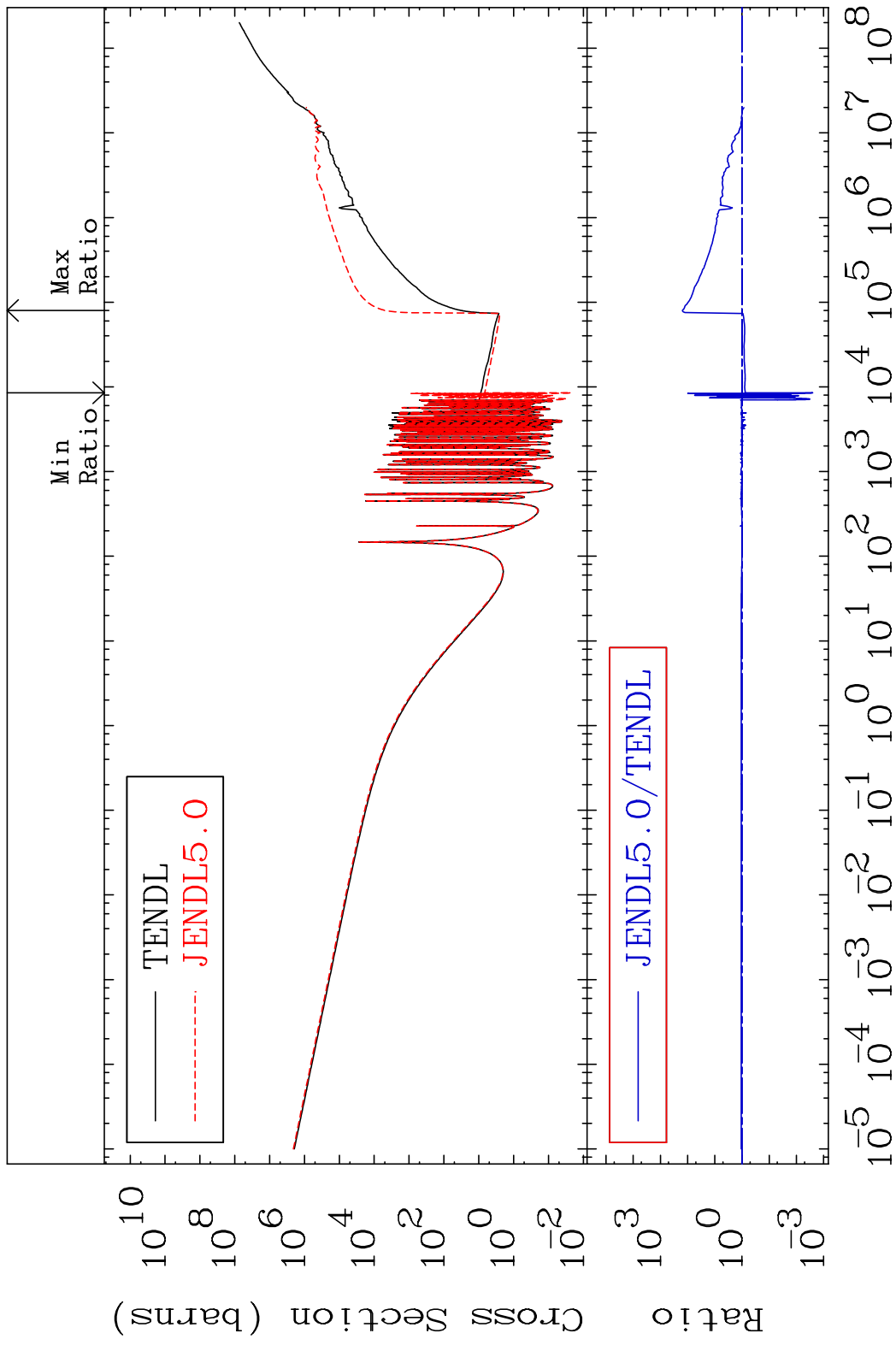
MAT 6649

Kerma elastic  
Cross Section

66-Dy-164  
-99.99 To 9999. %



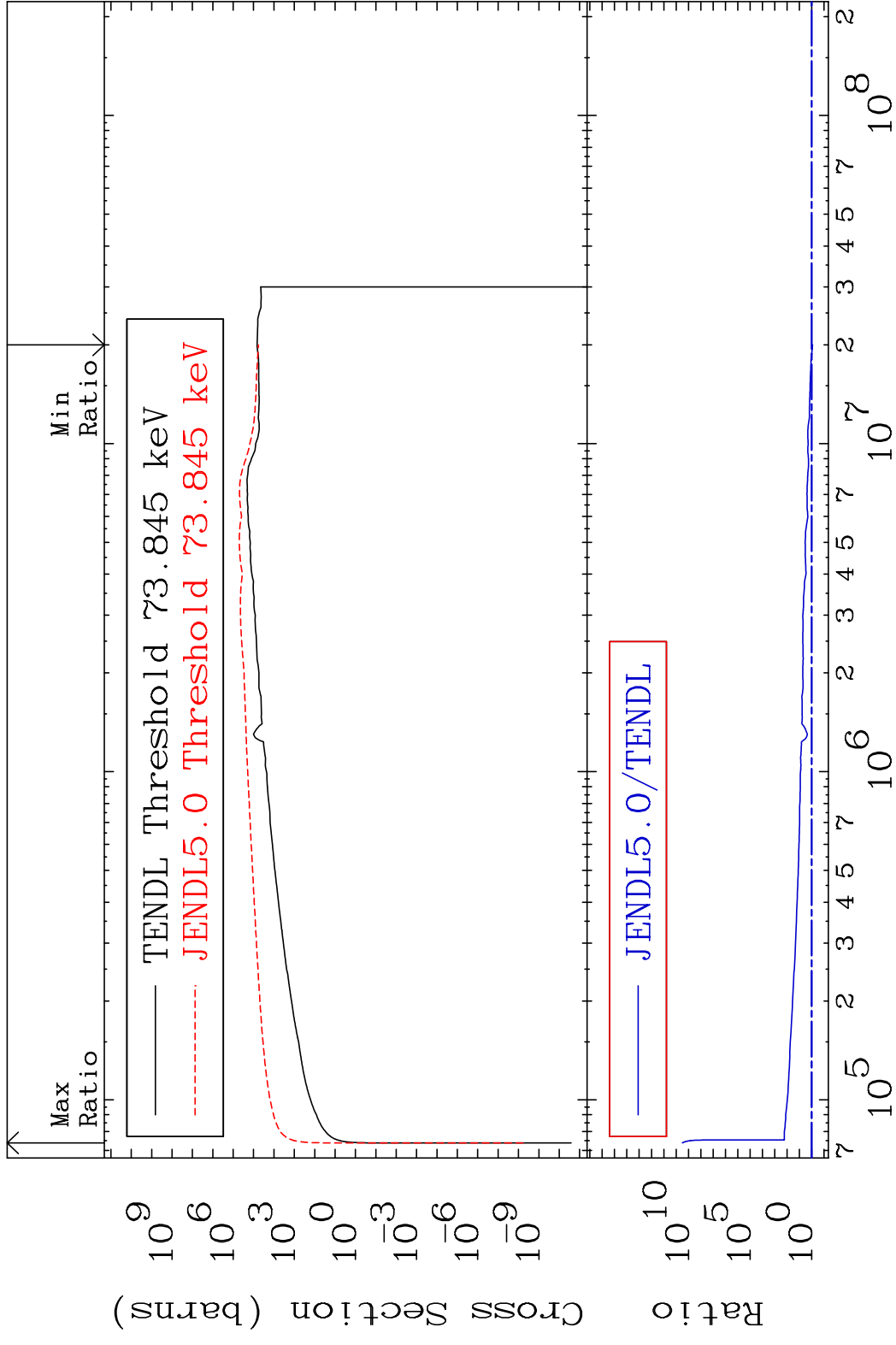
MAT 6649 Kerma non-elastic (all but mt2) 66-Dy-164  
 Cross Section -99.75 To 9999. %



39 Incident Energy (eV) 66-Dy-164

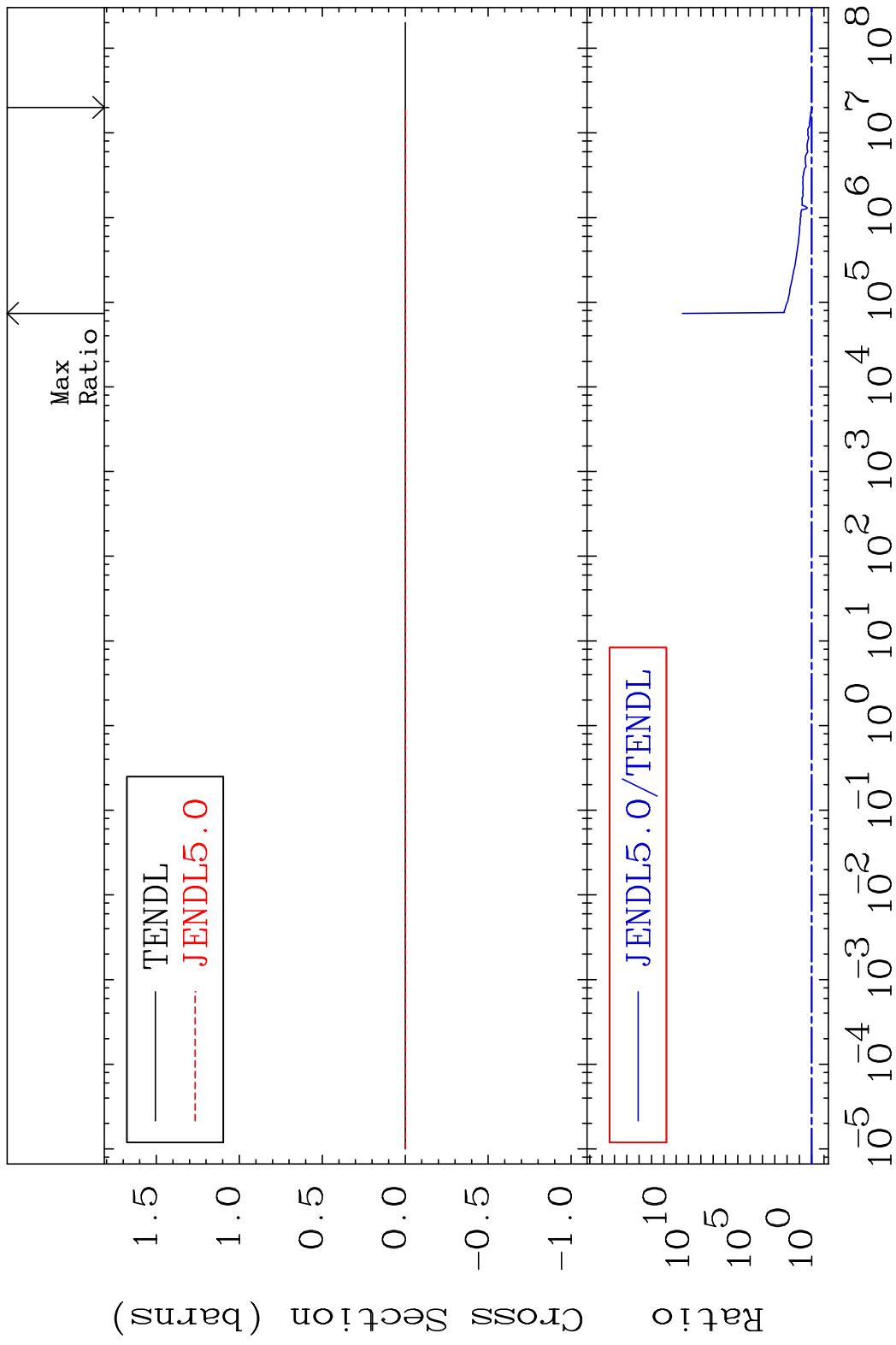


MAT 6649 Kerma inelastic (mt51-91) 66-Dy-164  
 Cross Section -13.86 To 9999. %



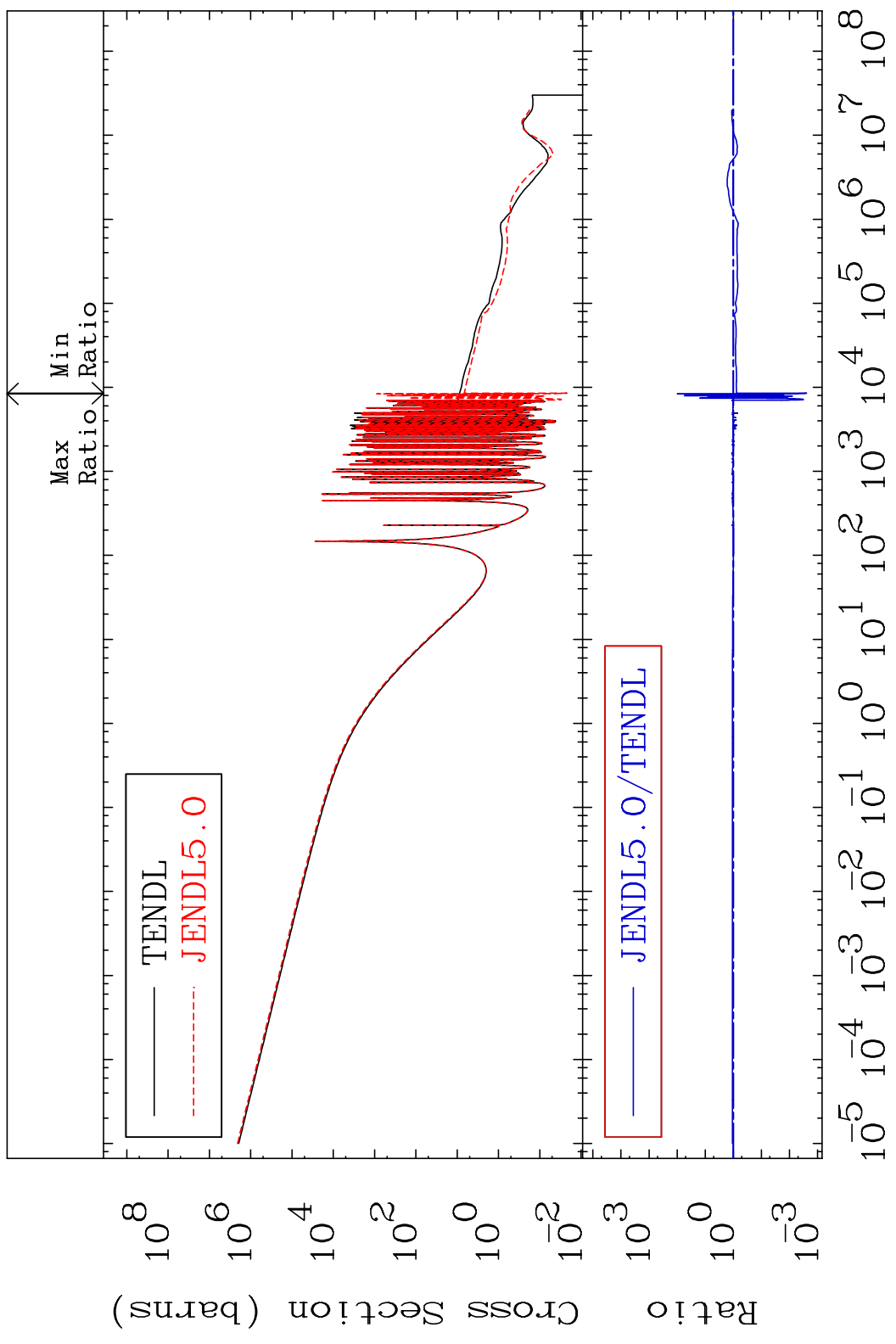
40 Incident Energy (eV) 66-Dy-164

MAT 6649 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-164  
 Cross Section -13.86 To 9999. %



MAT 6649

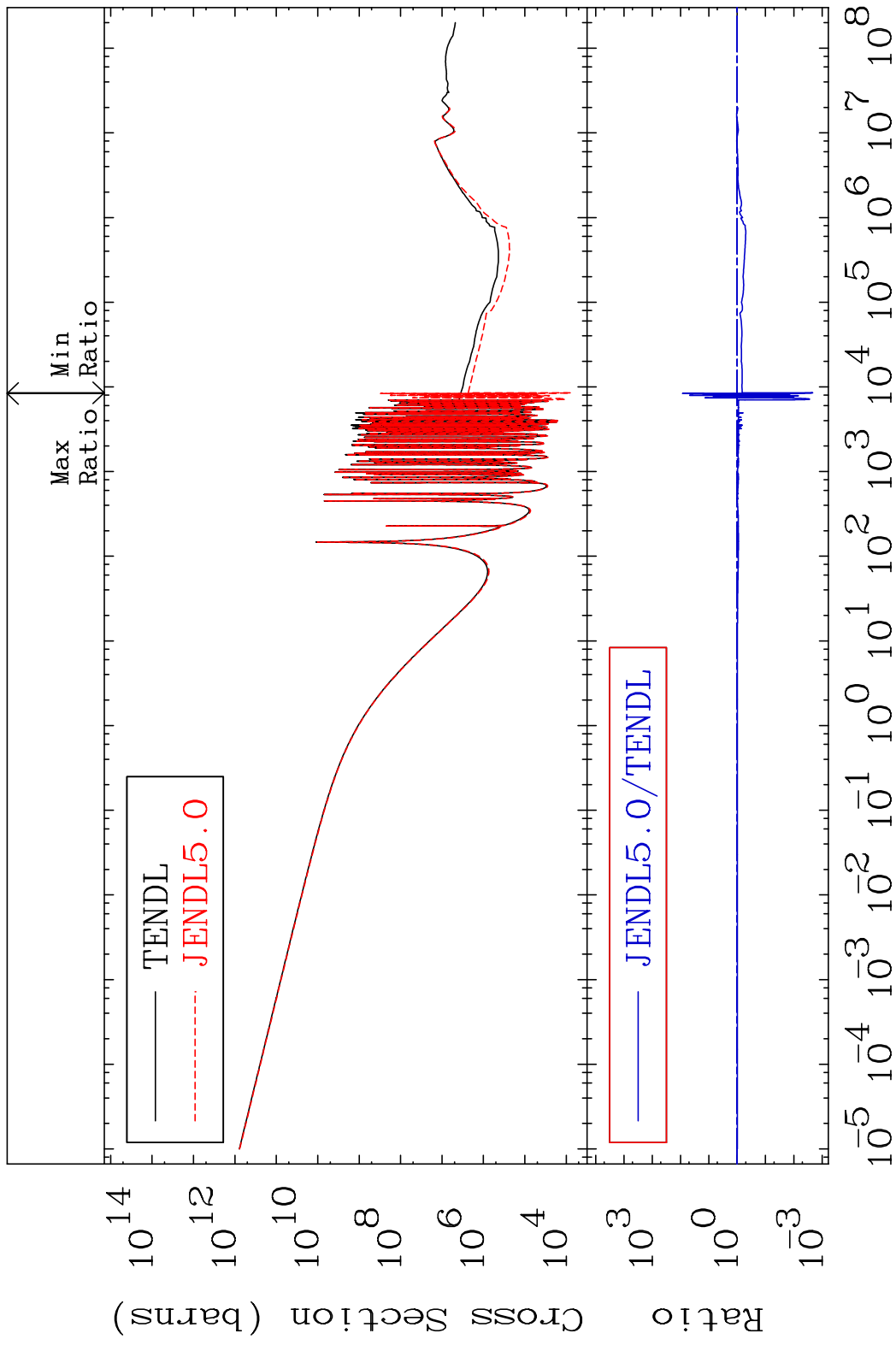
Kerma capture (mt102) 66-Dy-164  
Cross Section -99.75 To 9865. %



42

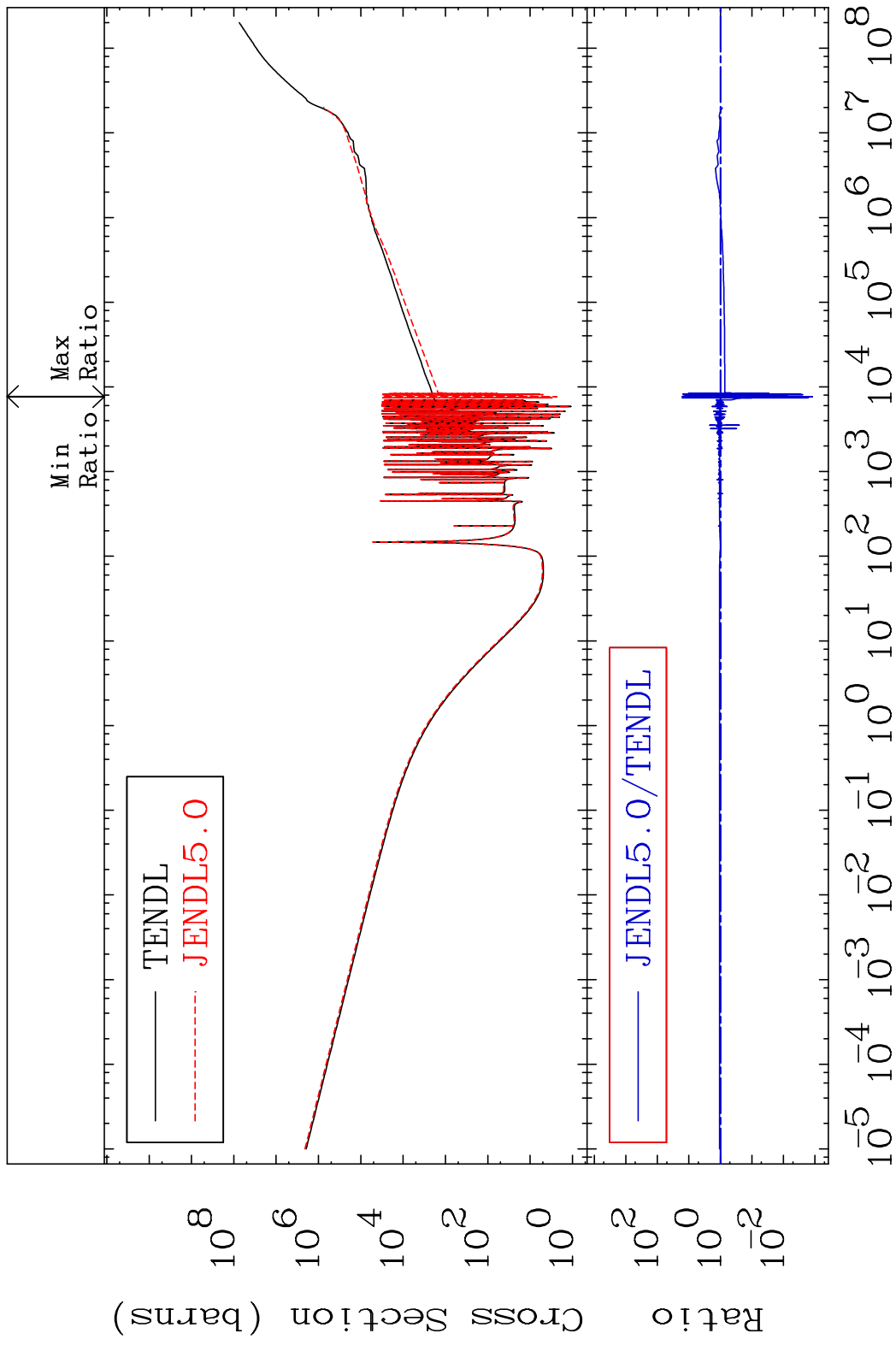
Incident Energy (eV) 66-Dy-164

MAT 6649 Total photon (eV-barns) 66-Dy-164  
Cross Section -99.78 To 8542. %



43 Incident Energy (eV) 66-Dy-164

MAT 6649 Total kinematic kerma (high limit) 66-Dy-164  
 Cross Section -99.88 To 1506. %

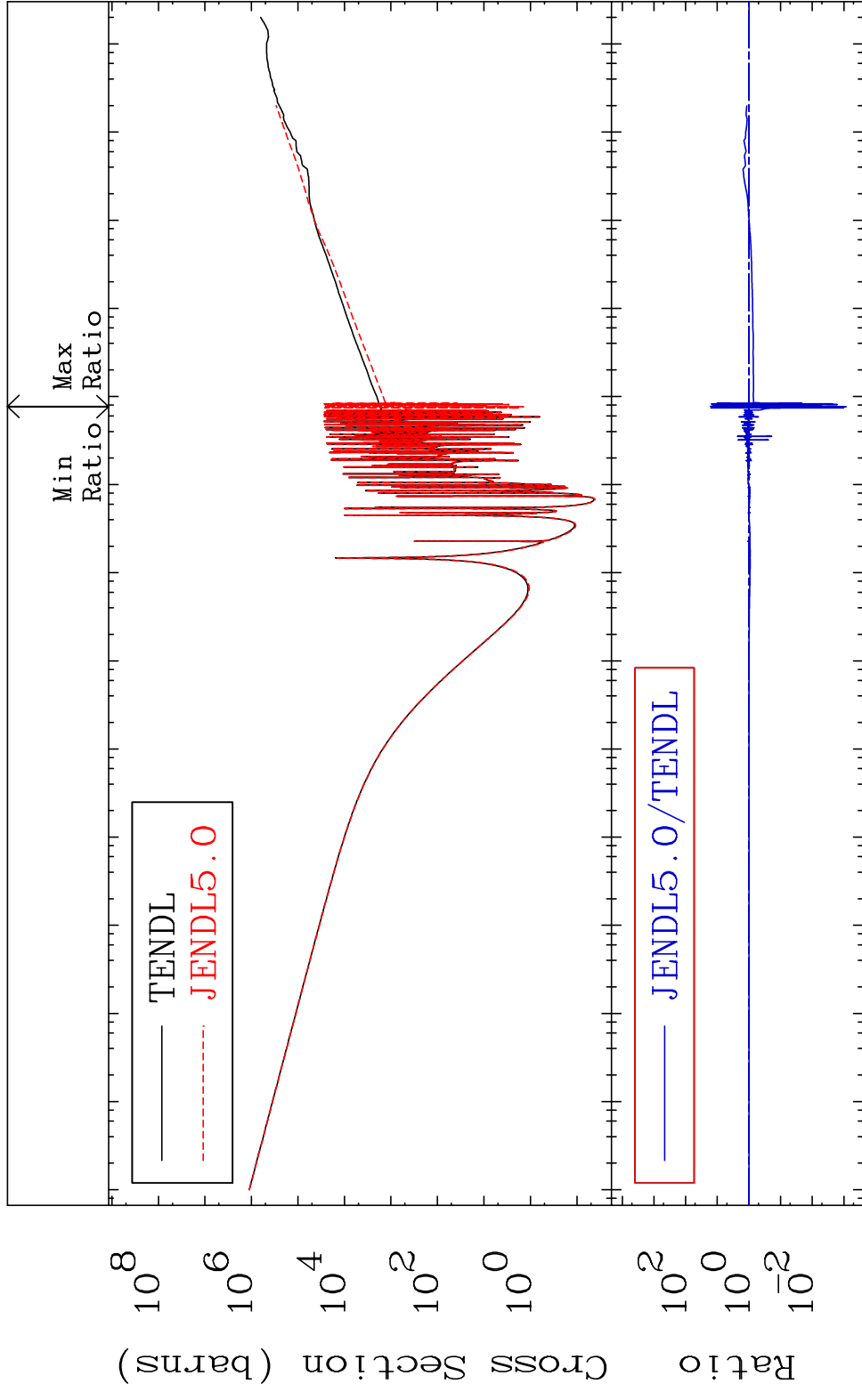


MAT 6649

Dpa total (eV-barns)

66-Dy-164

Cross Section -99.92 To 1511. %



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>

45

Incident Energy (eV)

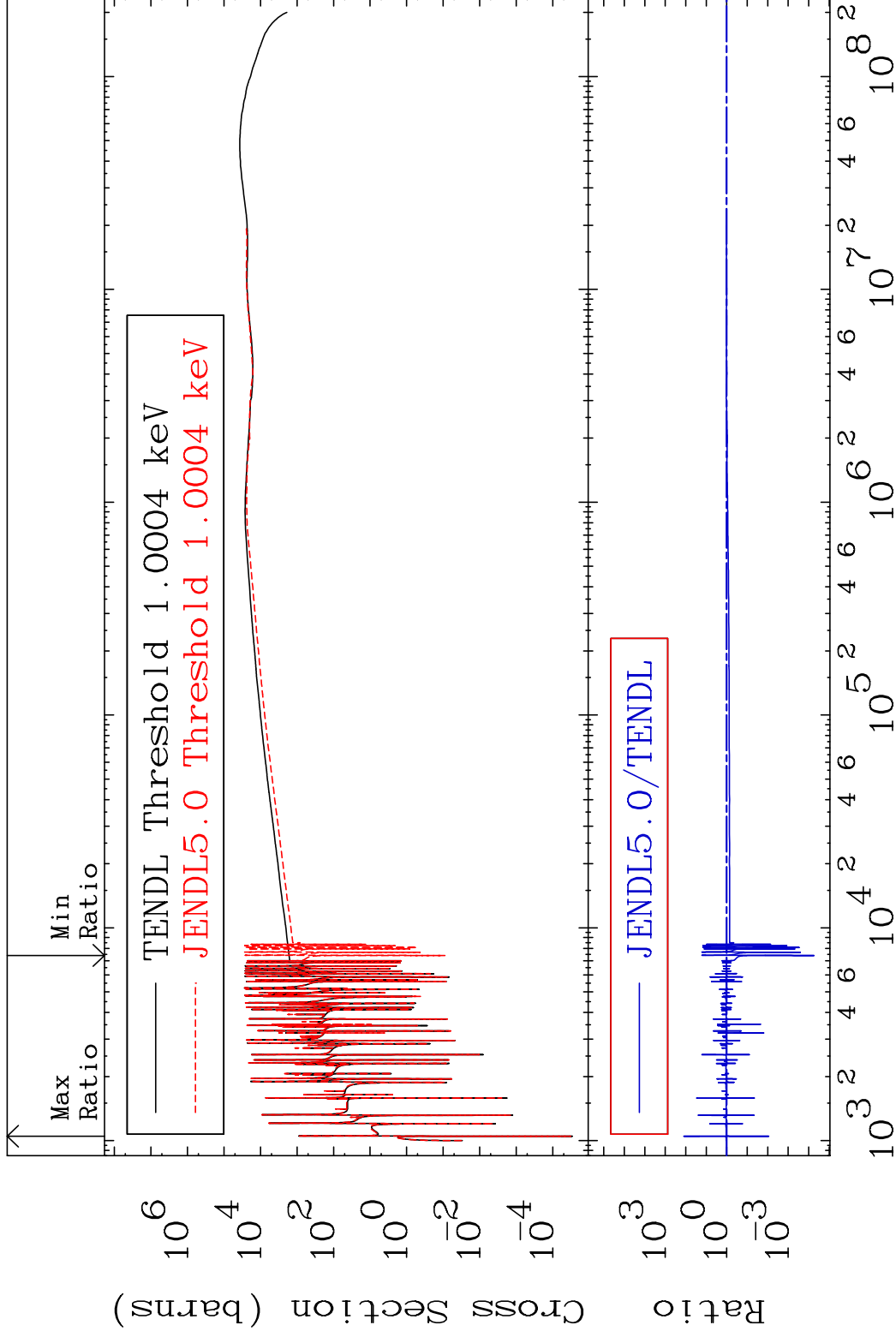
66-Dy-164

MAT 6649

Dpa elastic (mt2)

66-Dy-164

Cross Section -99.99 To 9999. %



46

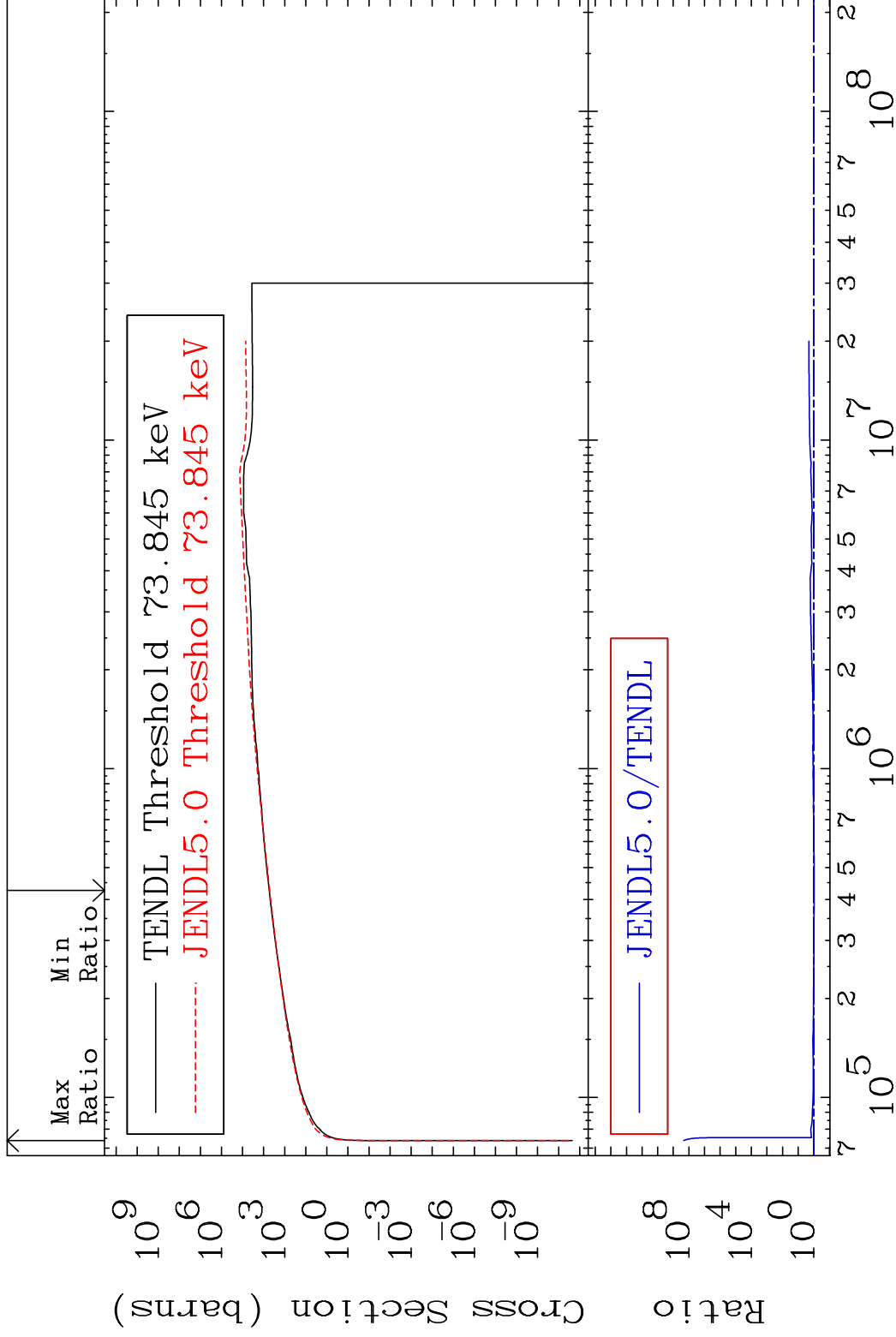
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa inelastic (mt51-91) 66-Dy-164

Cross Section -4.546 To 9999. %



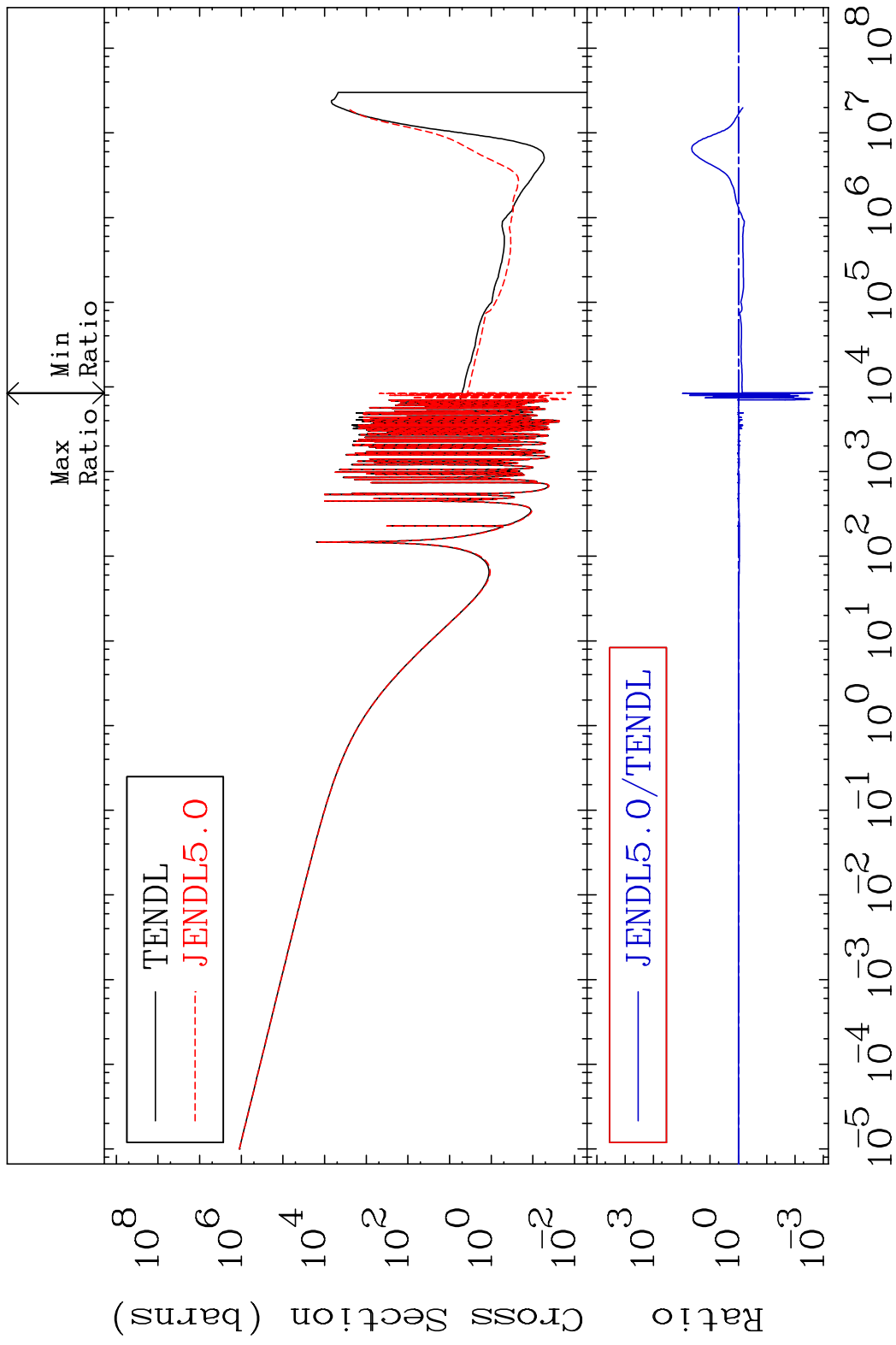
47

Incident Energy (eV)

66-Dy-164



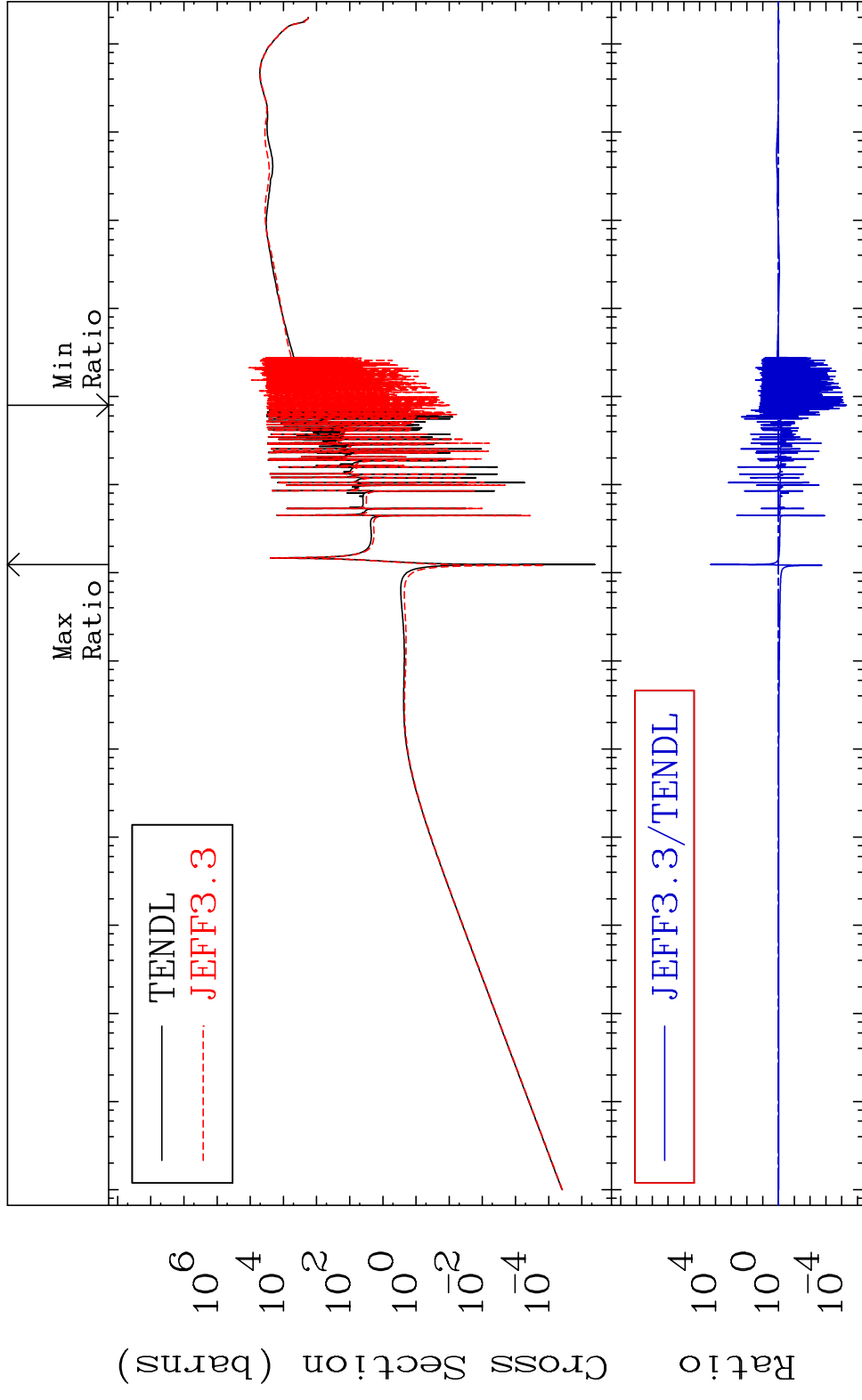
MAT 6649 Dpa disappearance (mt102 -120) 66-Dy-164  
 Cross Section -99.76 To 9422. %



MAT 6649

Kerma elastic  
Cross Section

66-Dy-164  
-99.99 To 9999. %

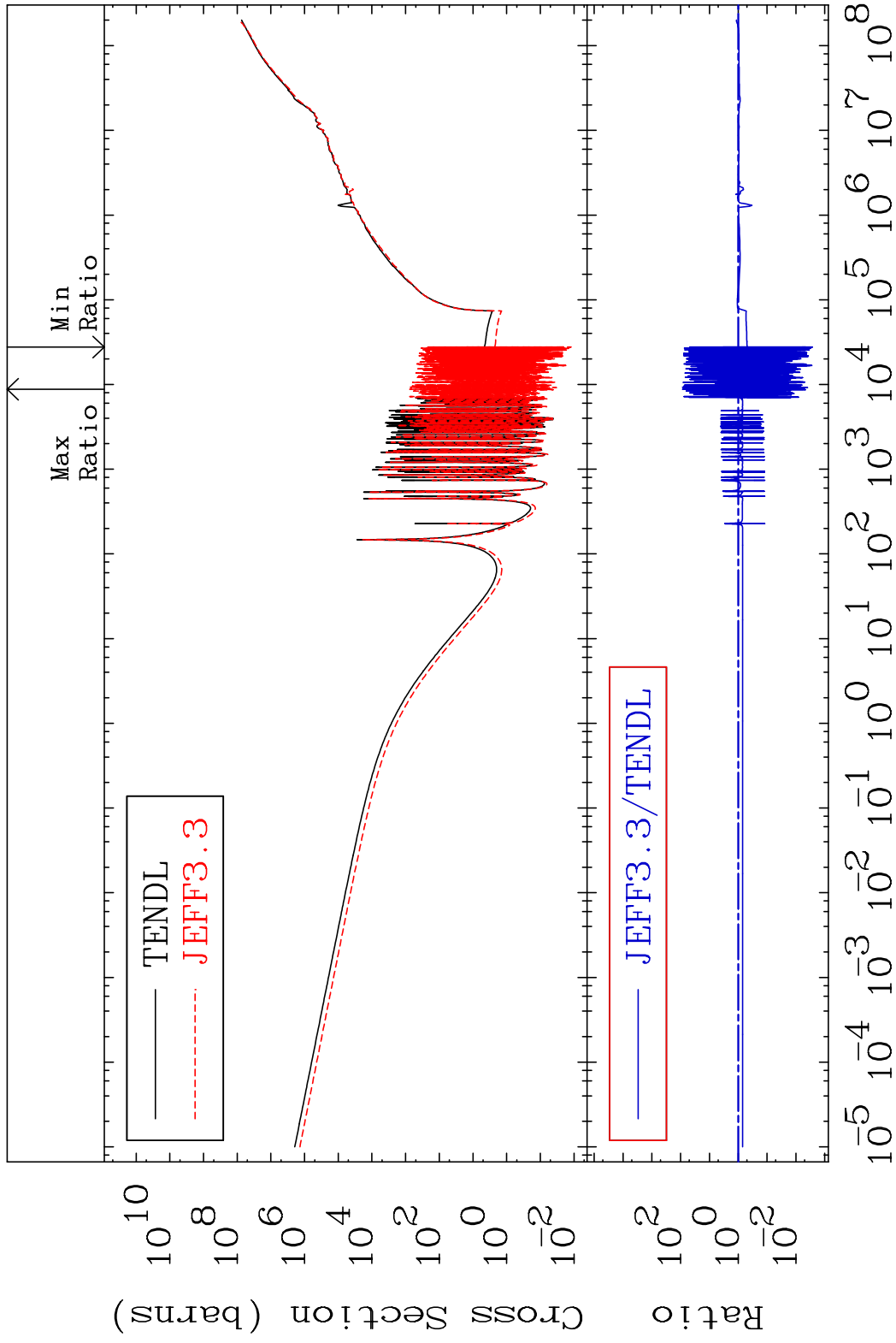


49

Incident Energy (eV)

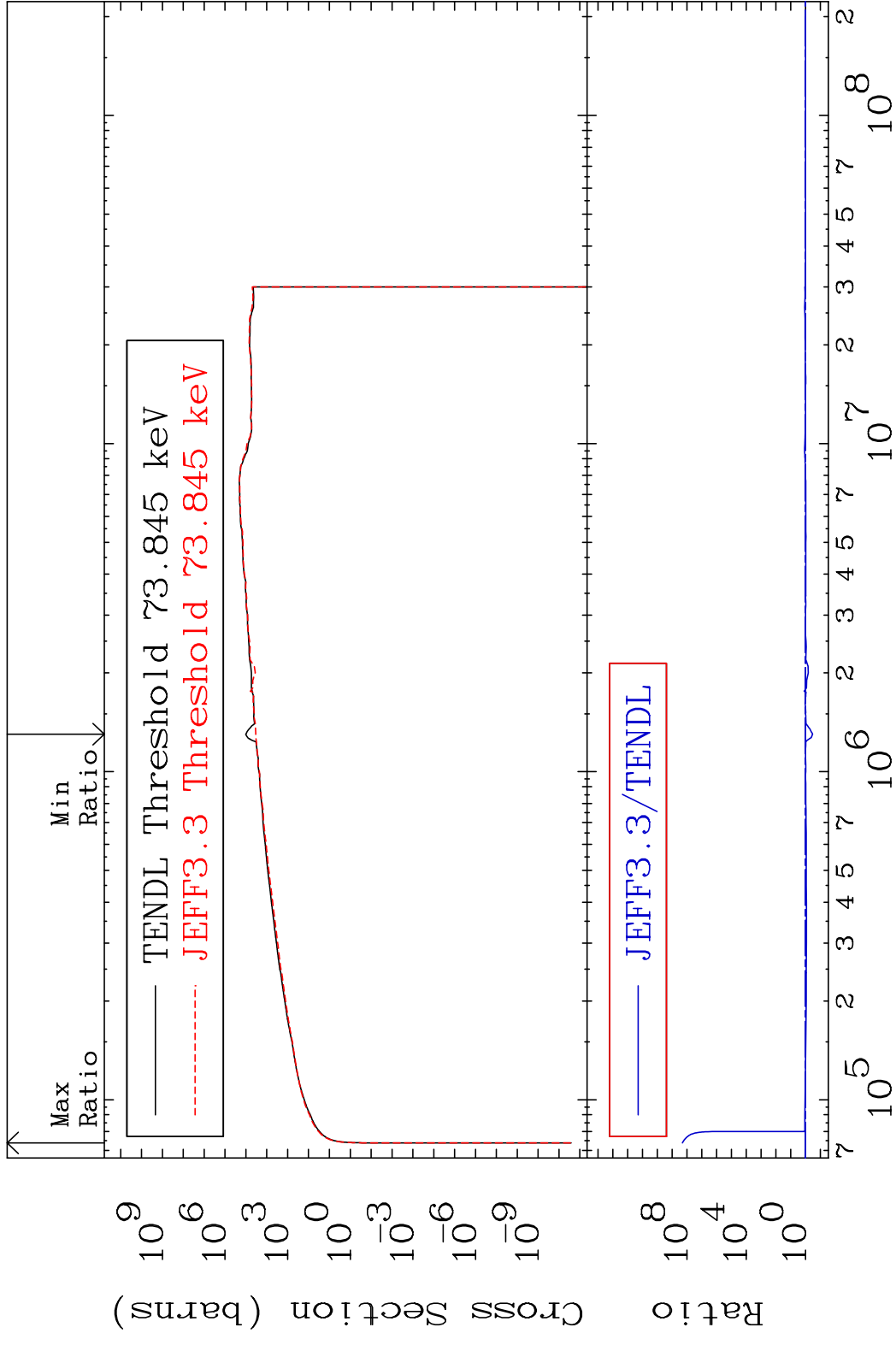
66-Dy-164

MAT 6649 Kerma non-elastic (all but mt2) 66-Dy-164  
 Cross Section -99.74 To 8619. %

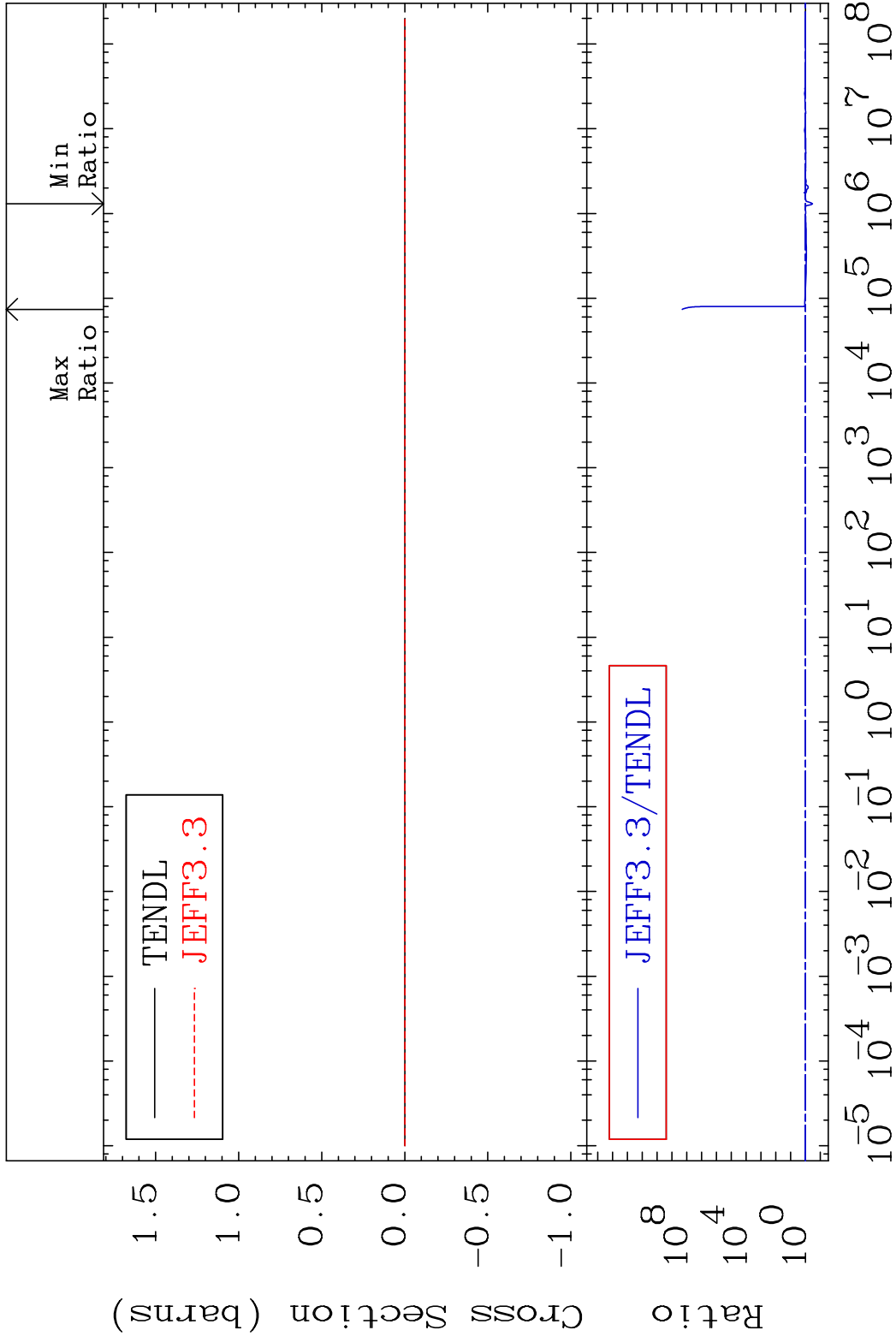


50 Incident Energy (eV) 66-Dy-164

MAT 6649 Kerma inelastic (mt51-91) 66-Dy-164  
 Cross Section -66.43 To 9999. %

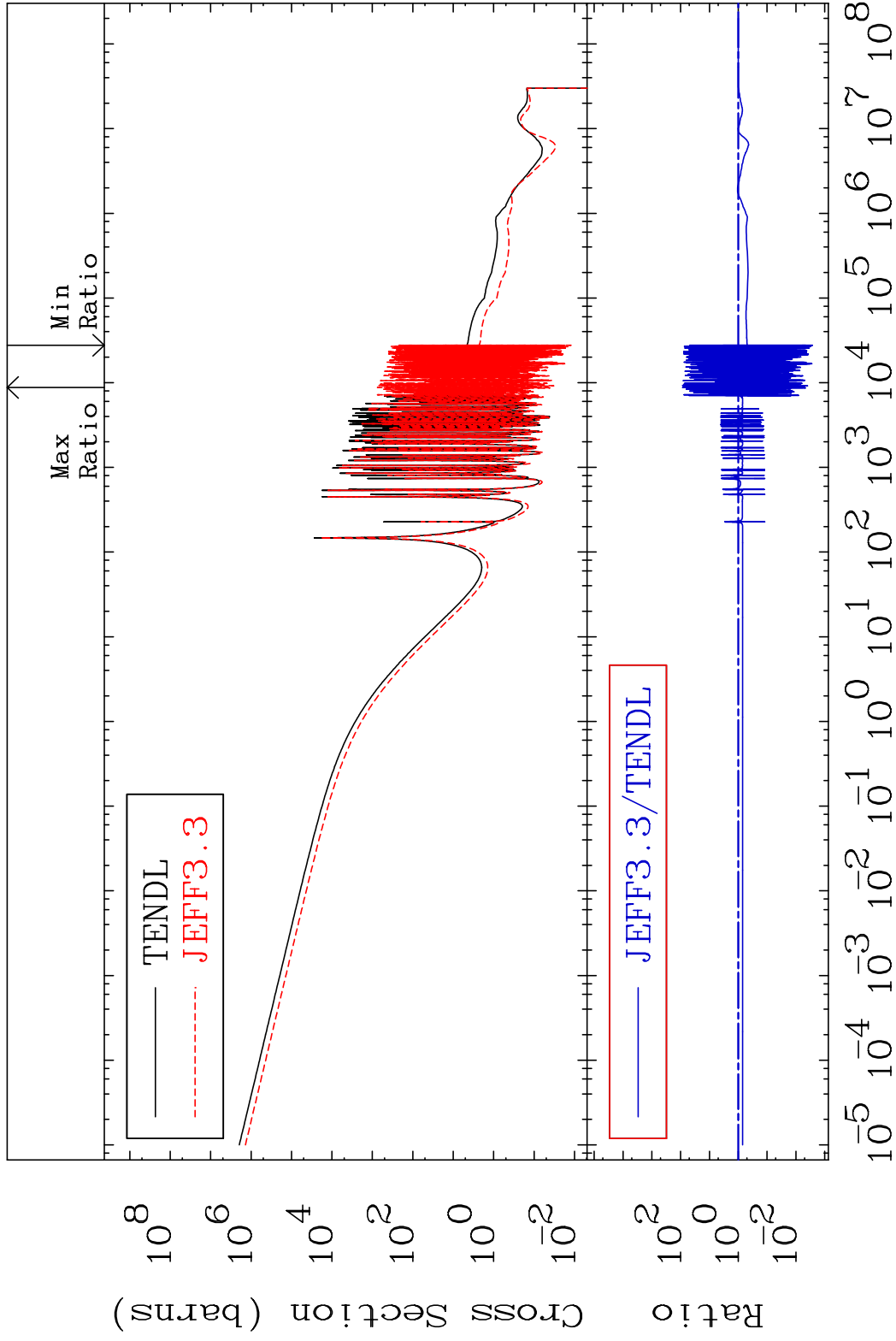


MAT 6649 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-164  
 Cross Section -66.43 To 9999. %



MAT 6649

Kerma capture (mt102) 66-Dy-164  
Cross Section -99.74 To 8619. %



53

Incident Energy (eV)

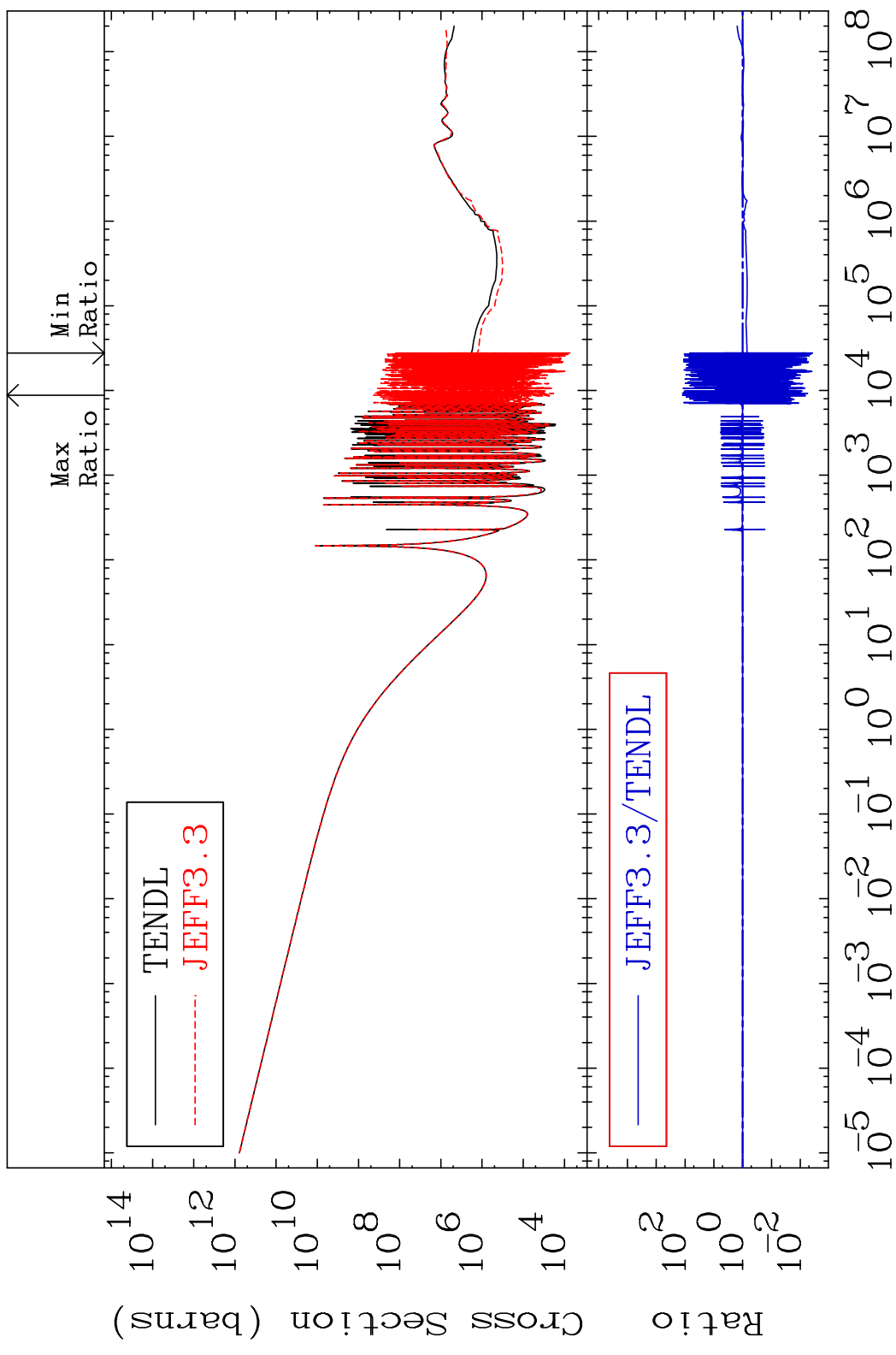
66-Dy-164

MAT 6649

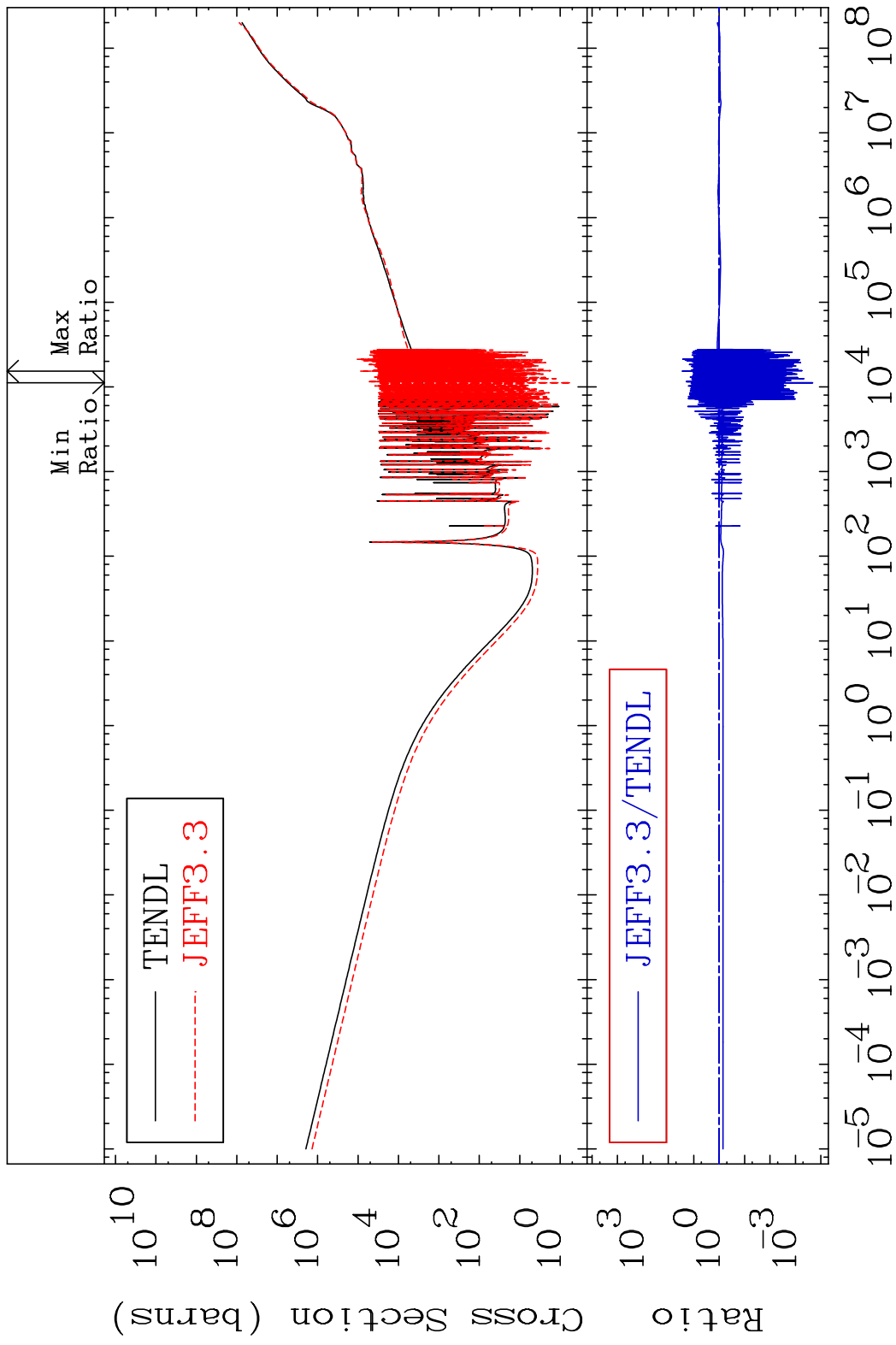
Total photon (eV-barns)

66-Dy-164

Cross Section -99.62 To 9999. %



MAT 6649 Total kinematic kerma (high limit) 66-Dy-164  
 Cross Section -99.98 To 2708. %



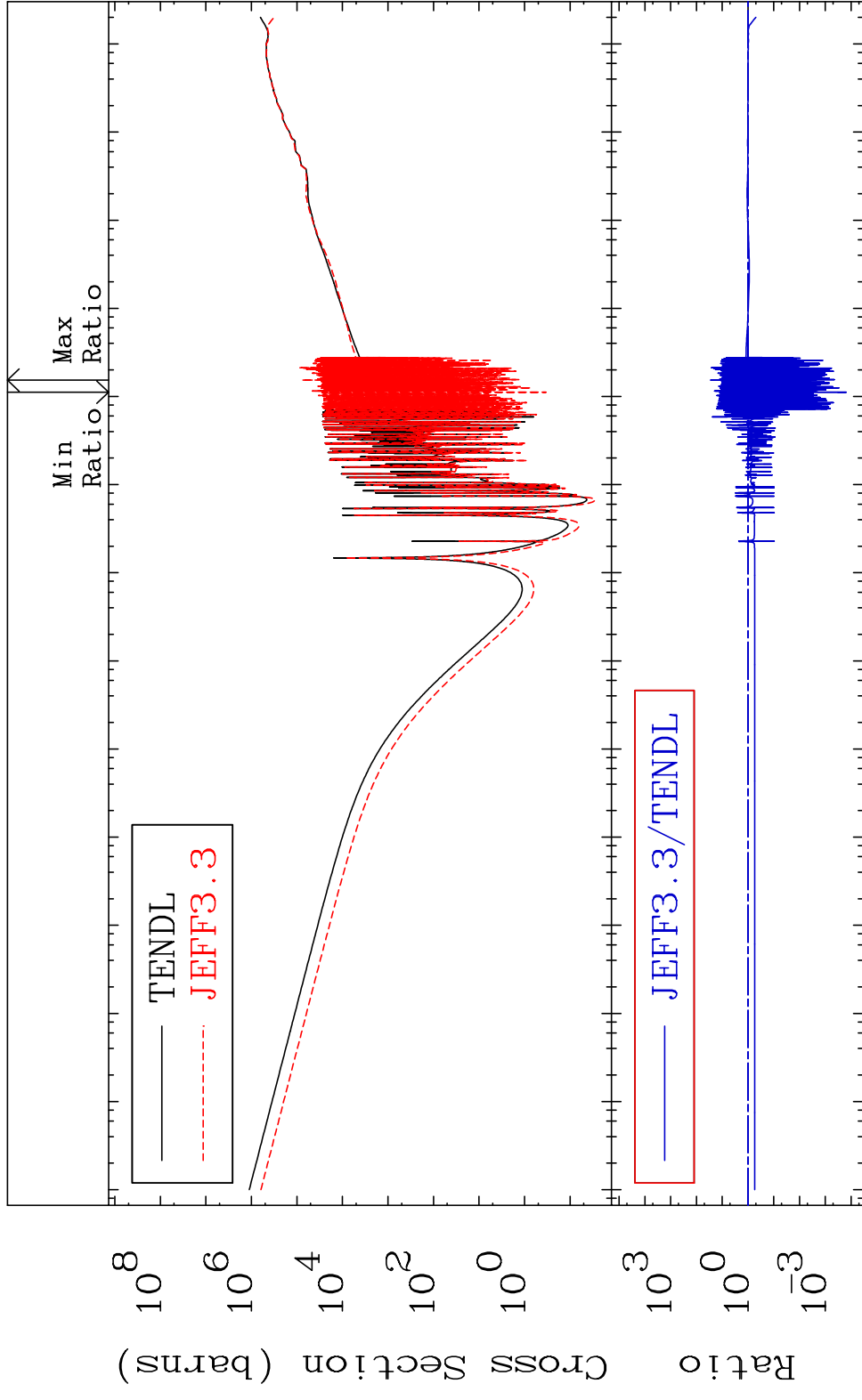


MAT 6649

Dpa total (eV-barns)

66-Dy-164

Cross Section -99.98 To 2705. %



56

Incident Energy (eV)

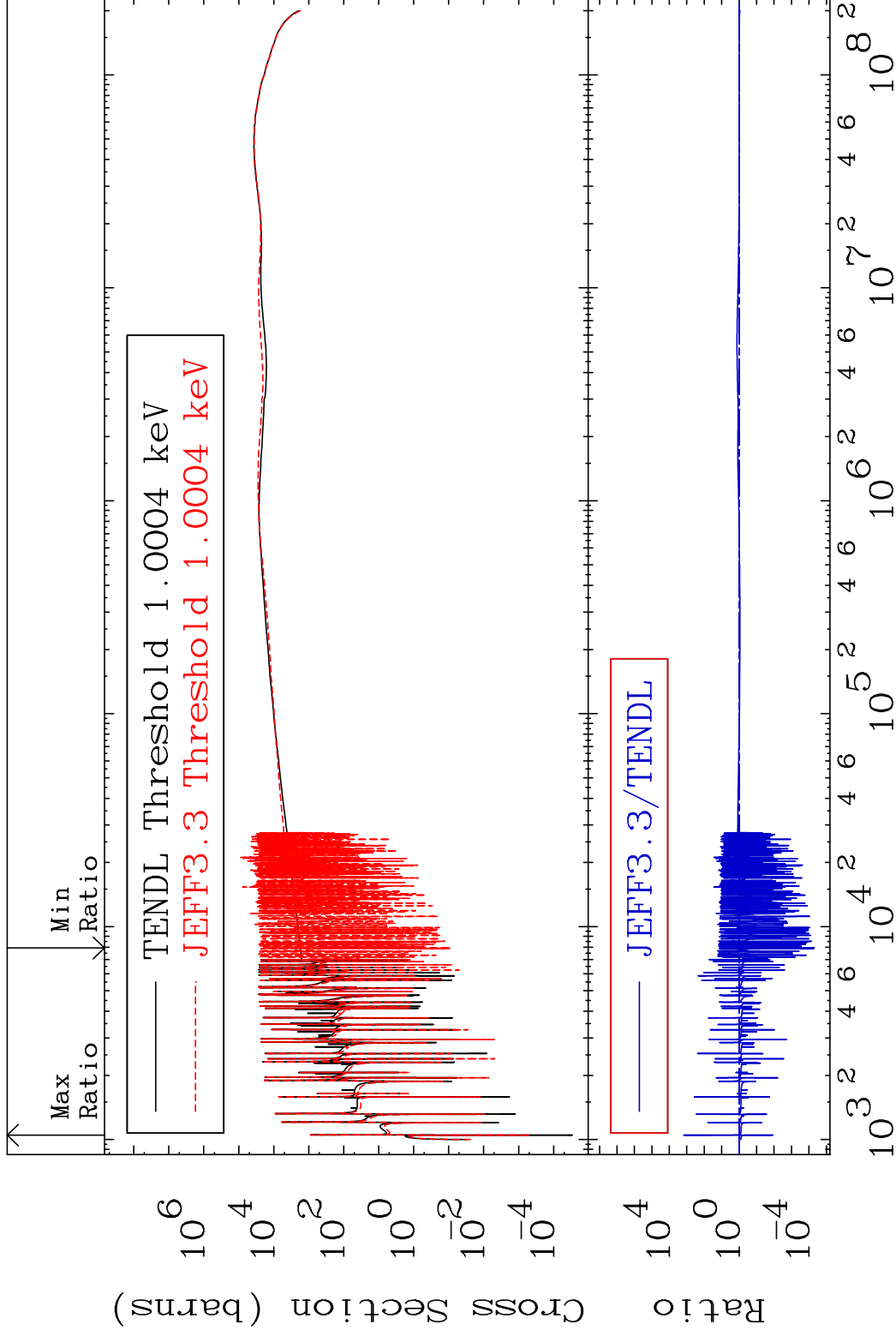
66-Dy-164

MAT 6649

Dpa elastic (mt2)

66-Dy-164

Cross Section -99.99 To 9999. %

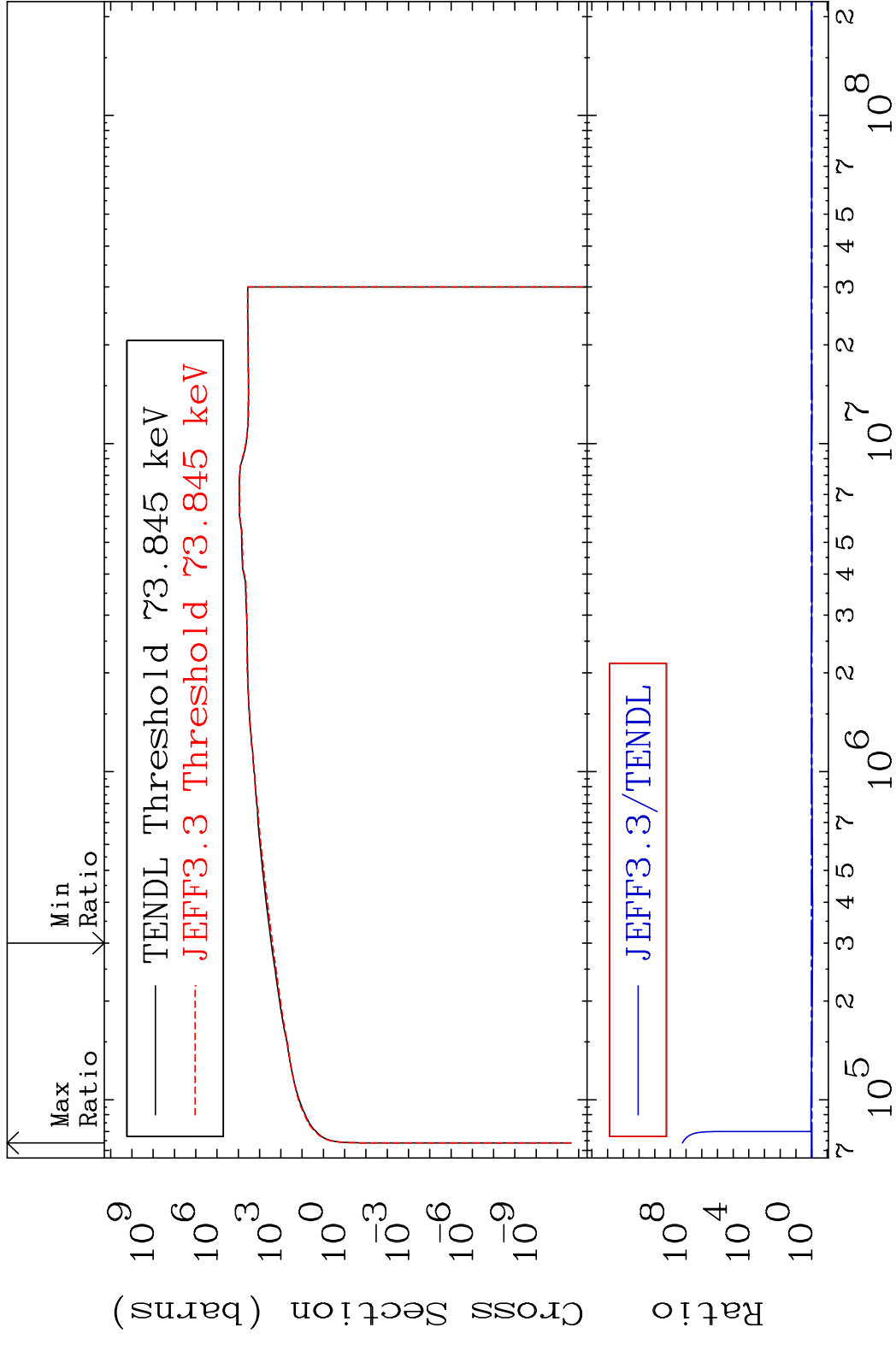


57

Incident Energy (eV)

66-Dy-164

MAT 6649 Dpa inelastic (mt51-91) 66-Dy-164  
 Cross Section -12.81 To 9999. %



MAT 6649 Dpa disappearance (mt102 -120) 66-Dy-164  
 Cross Section -99.79 To 6811. %

