

Program Complot  
(Version 2021-1)

by

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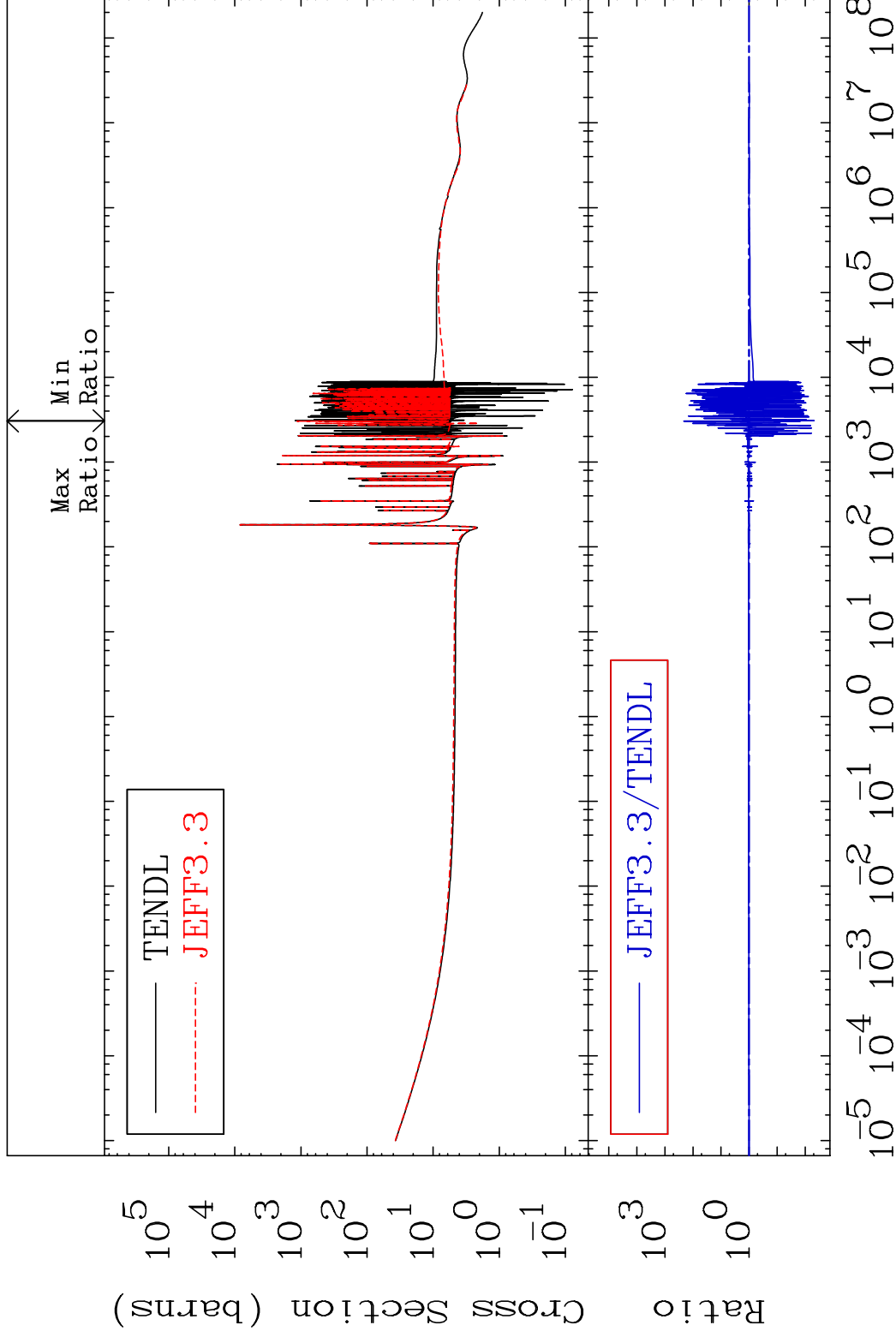
Press Mouse Button to Start

MAT 4631

Total

46-Pd-104

Cross Section -99.52 To 9999. %



1

Incident Energy (eV)

46-Pd-104

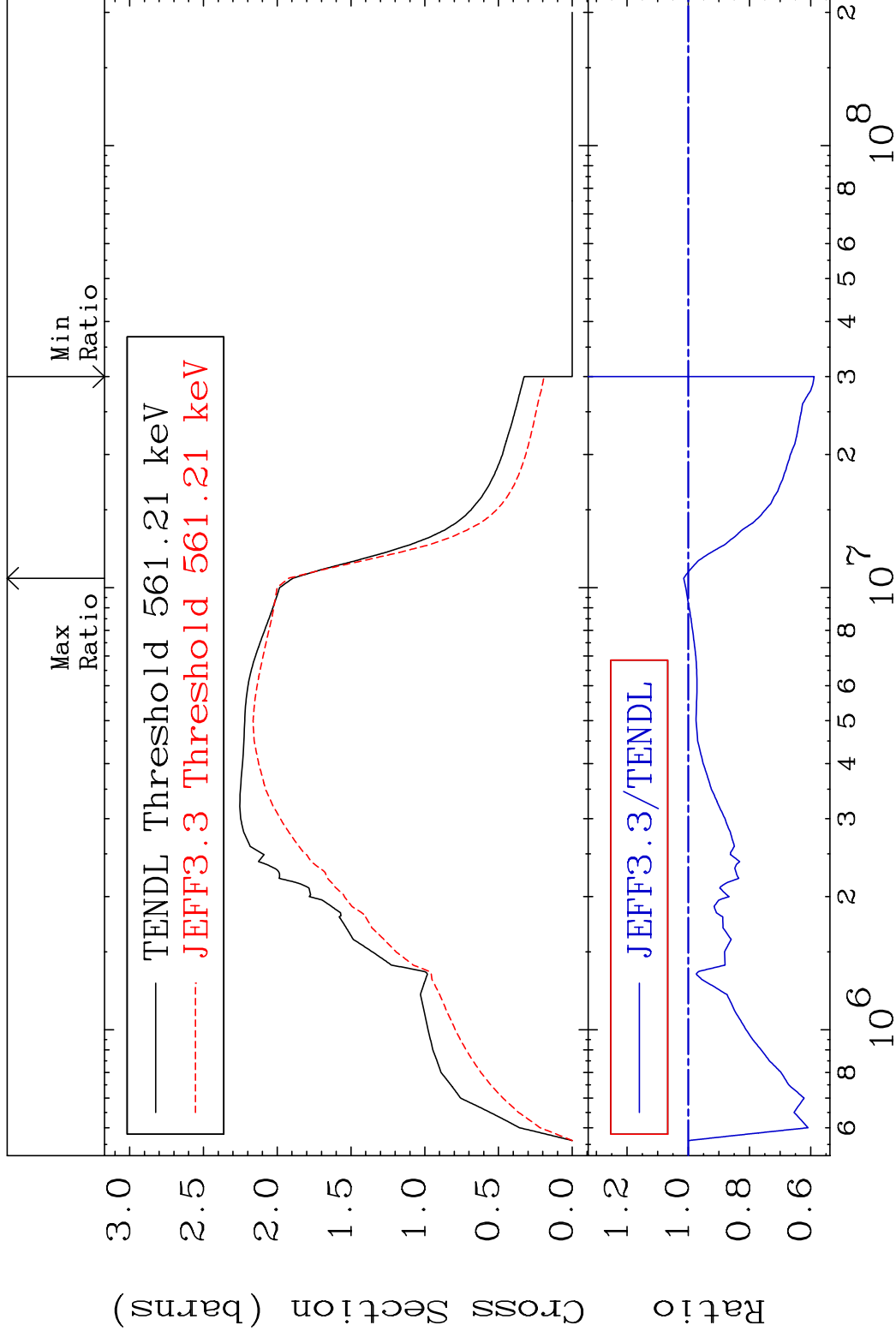


MAT 4631

Inelastic

46-Pd-104

Cross Section -41.13 To 1.509 %



3

Incident Energy (eV)

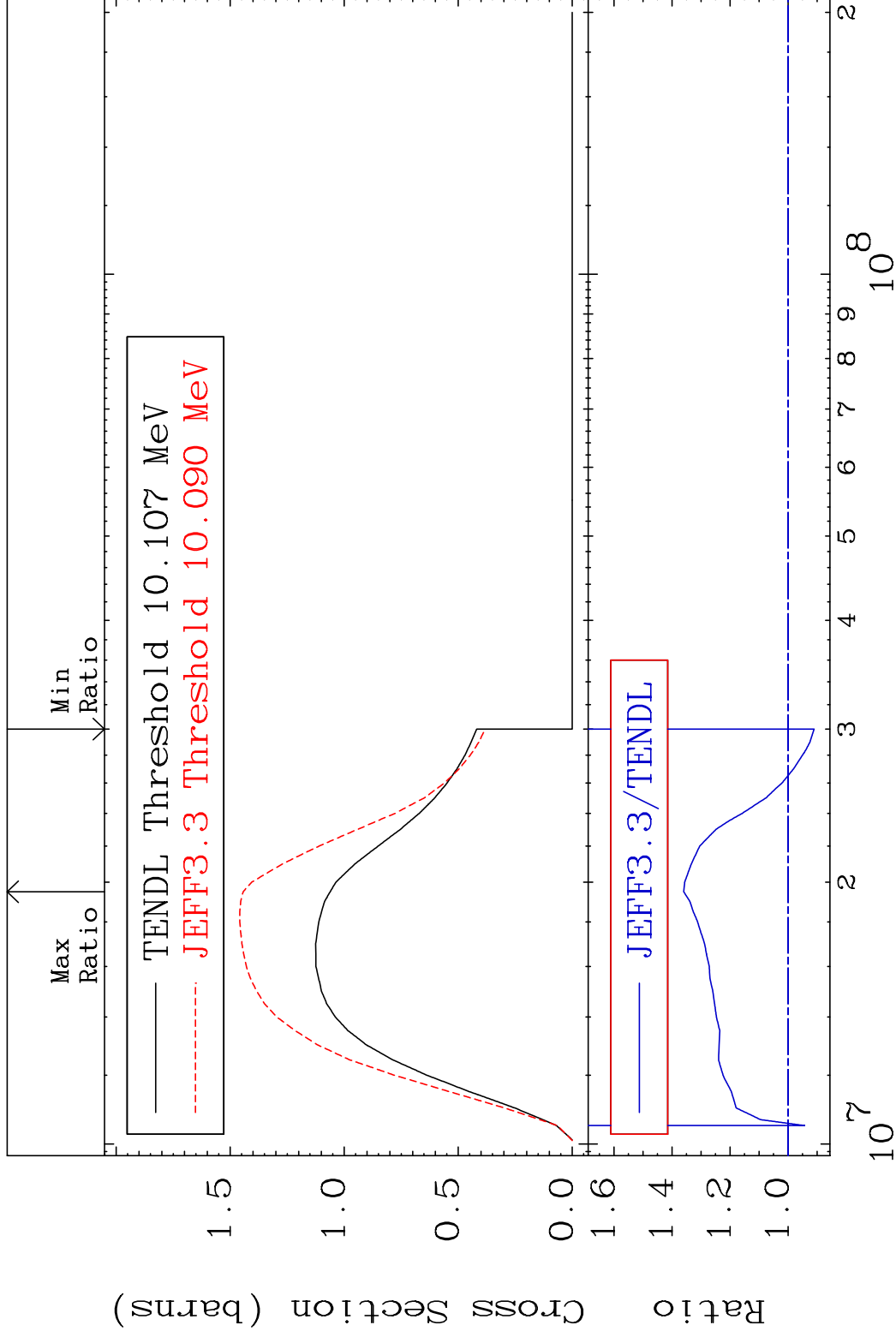
46-Pd-104

MAT 4631

(n,2n)

46-Pd-104

Cross Section -8.981 To 35.97 %



4

Incident Energy (eV)

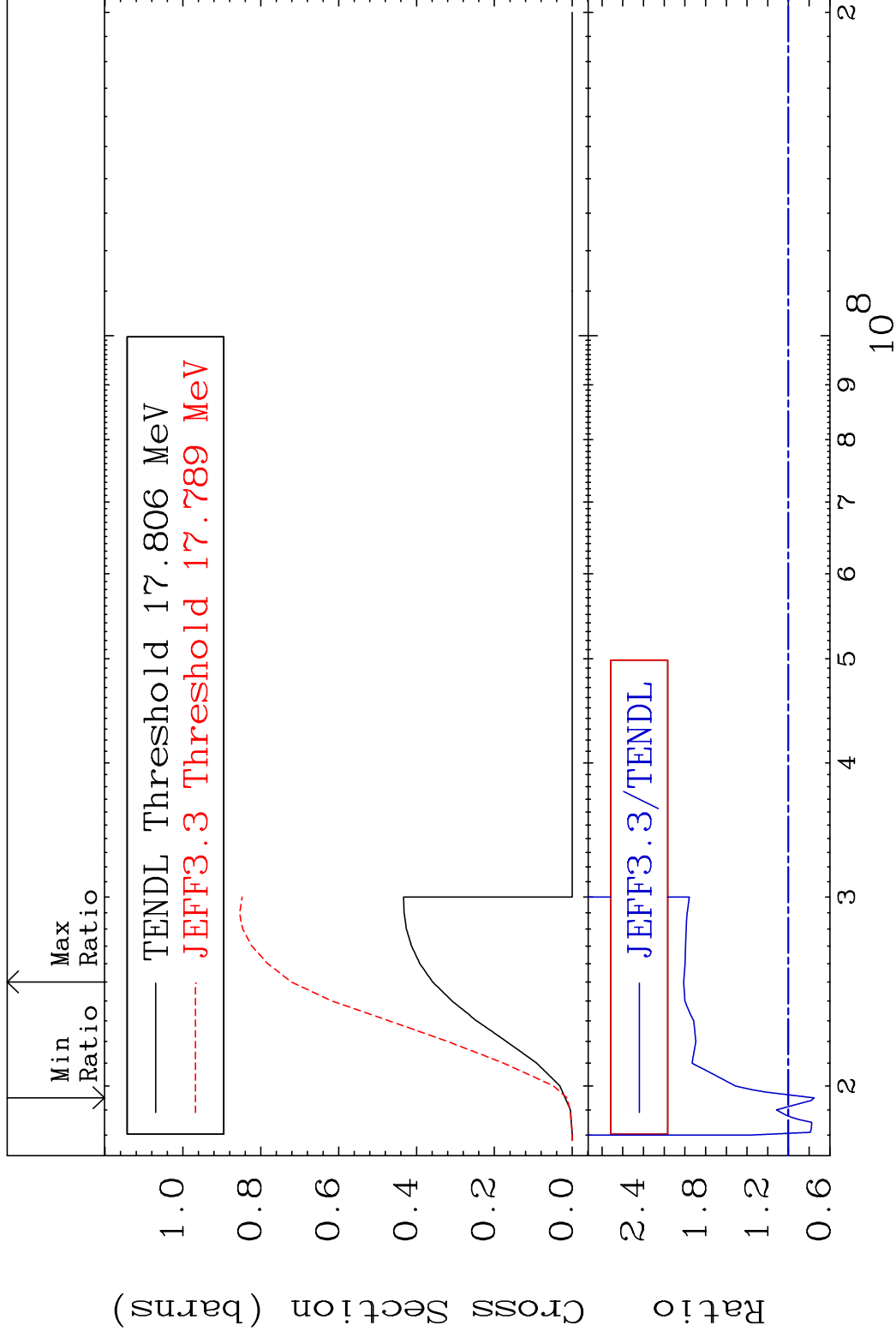
46-Pd-104

MAT 4631

(n,3n)

46-Pd-104

Cross Section -24.79 To 101.2 %



5

Incident Energy (eV)

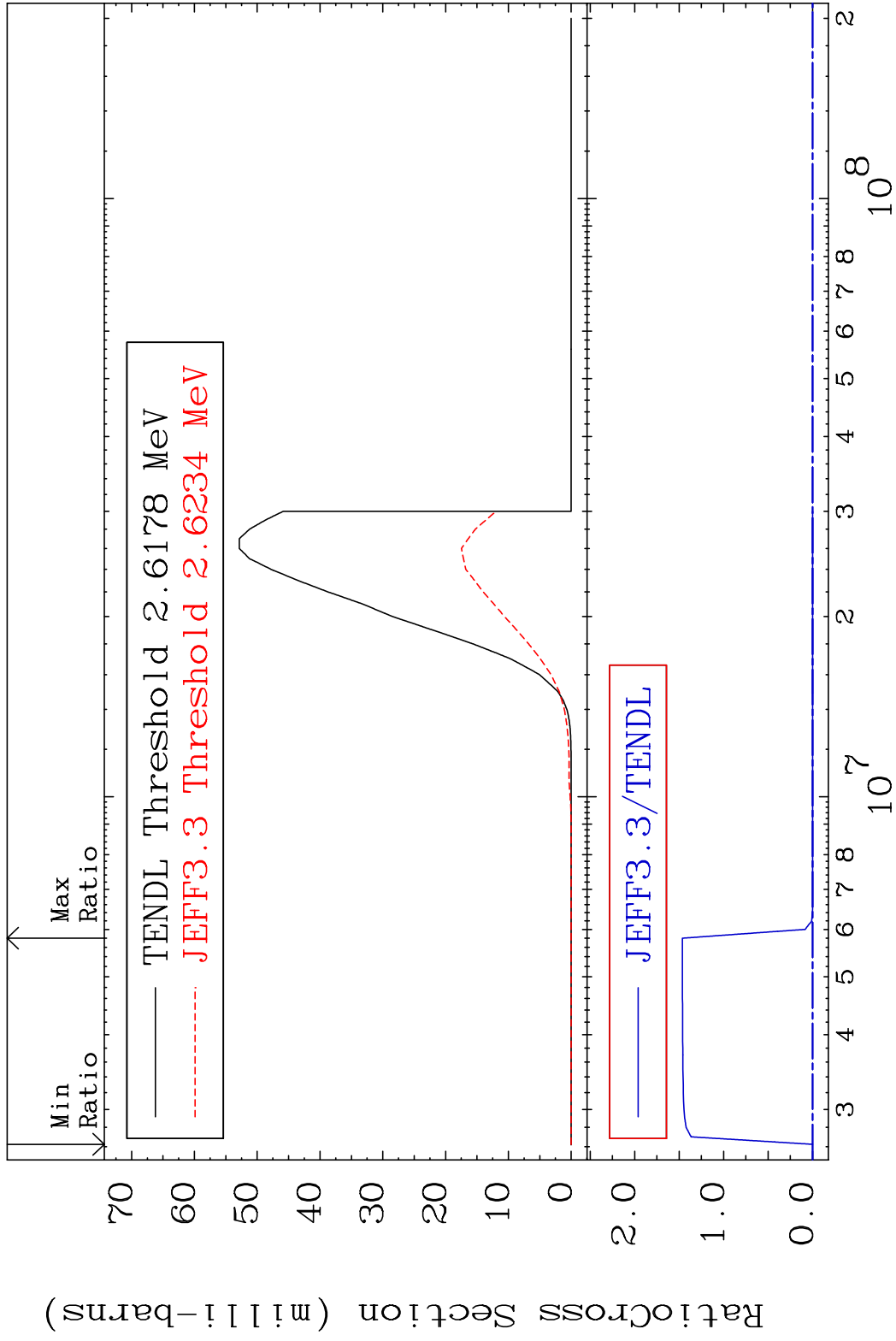
46-Pd-104

MAT 4631

(n, n')  $\alpha$

46-Pd-104

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

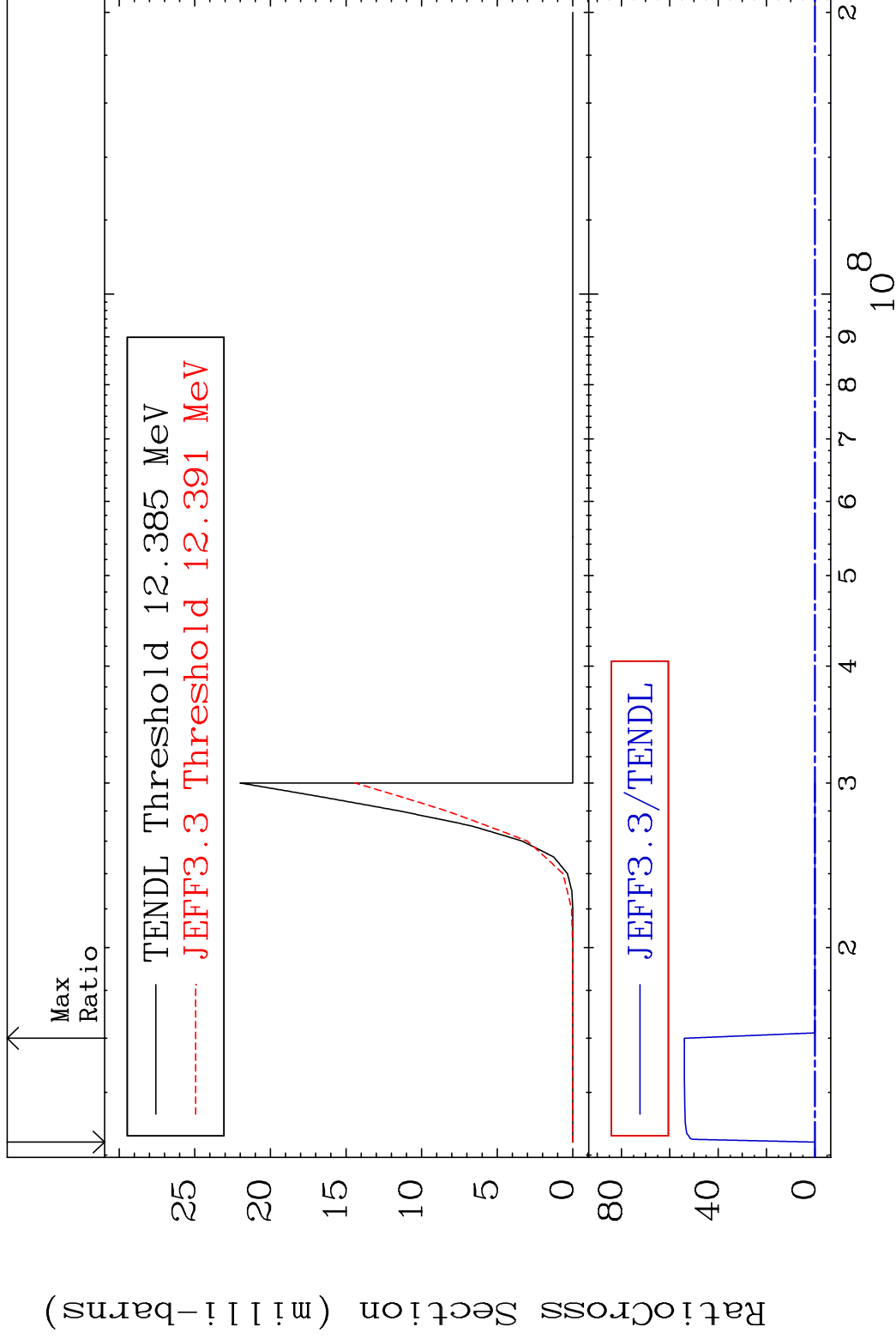
46-Pd-104

MAT 4631

(n,2n)  $\alpha$

46-Pd-104

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

46-Pd-104

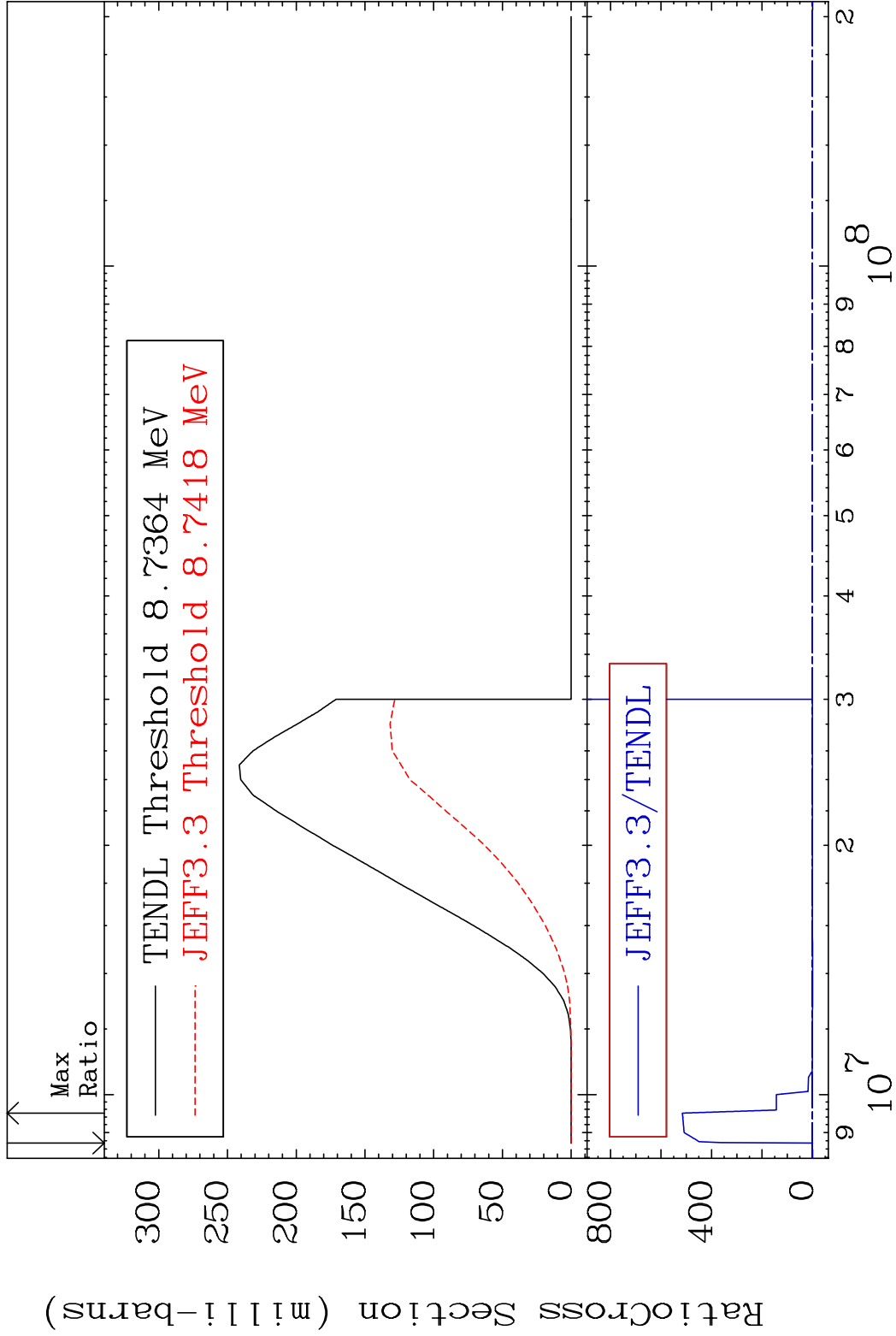


MAT 4631

(n,n') p

46-Pd-104

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

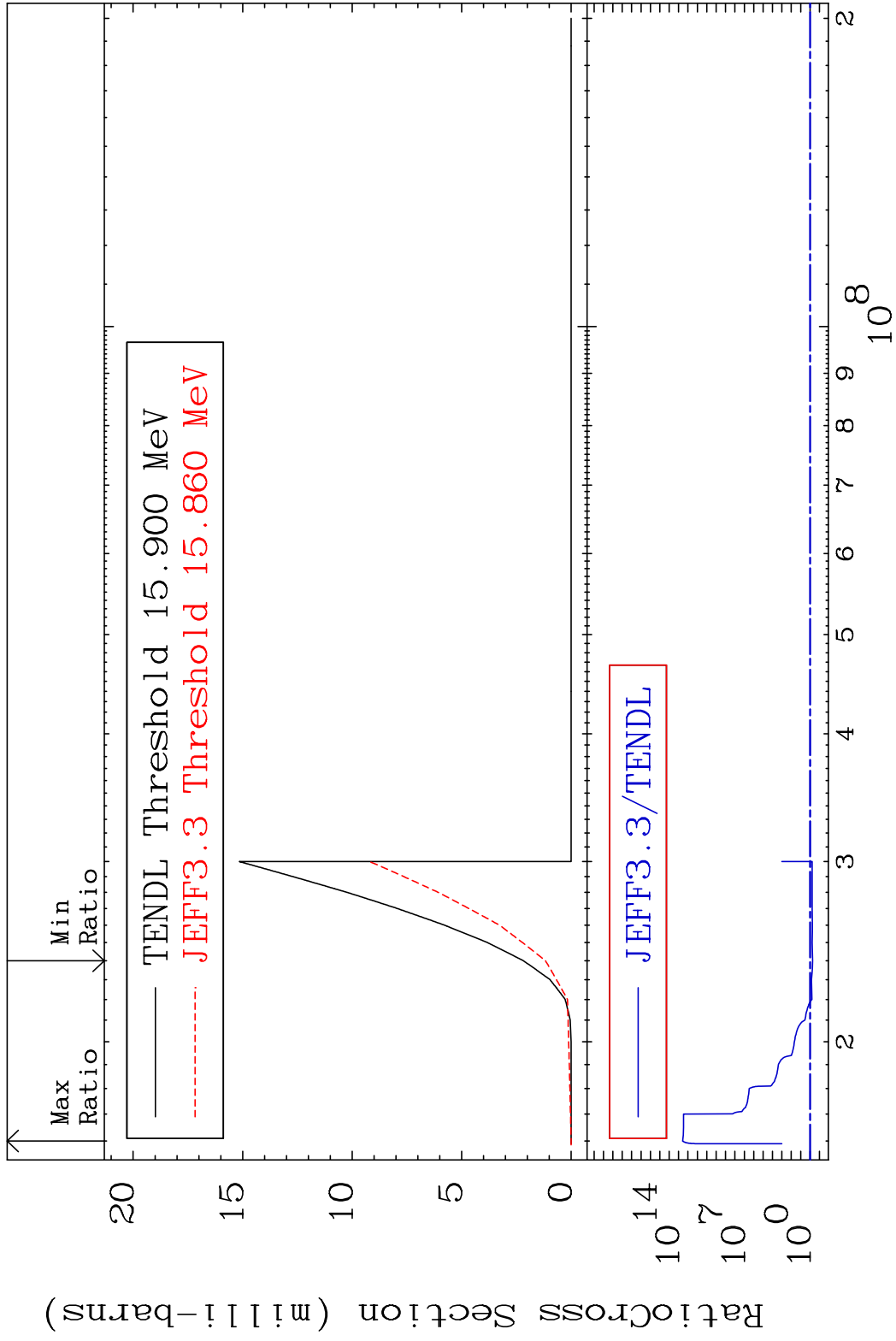
46-Pd-104

MAT 4631

(n, n') d

46-Pd-104

Cross Section -46.09 To 9999. %



9

Incident Energy (eV)

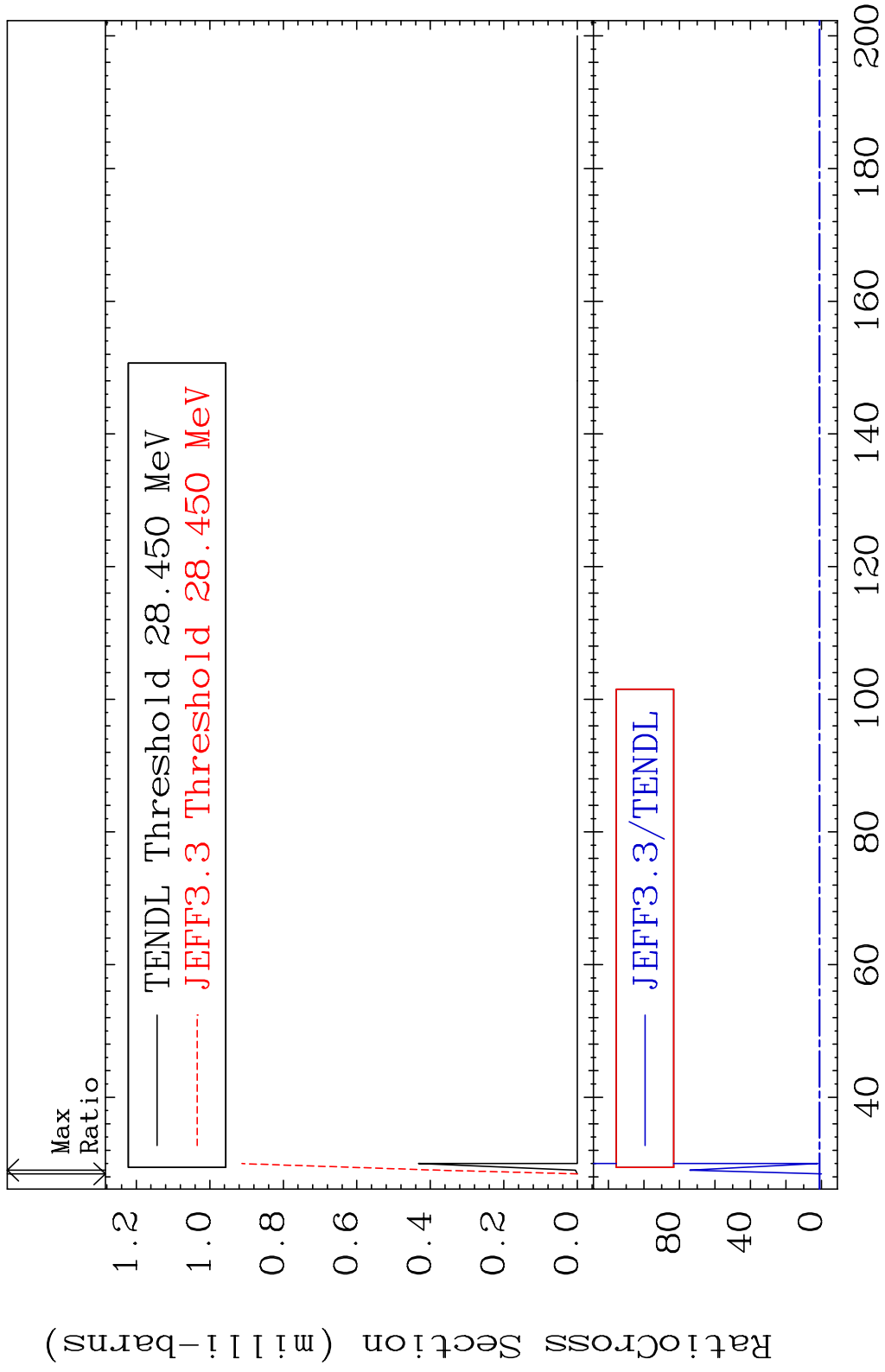
46-Pd-104

MAT 4631

(n,4n)

46-Pd-104

Cross Section -100.0 To 7320. %



10

Incident Energy (MeV)

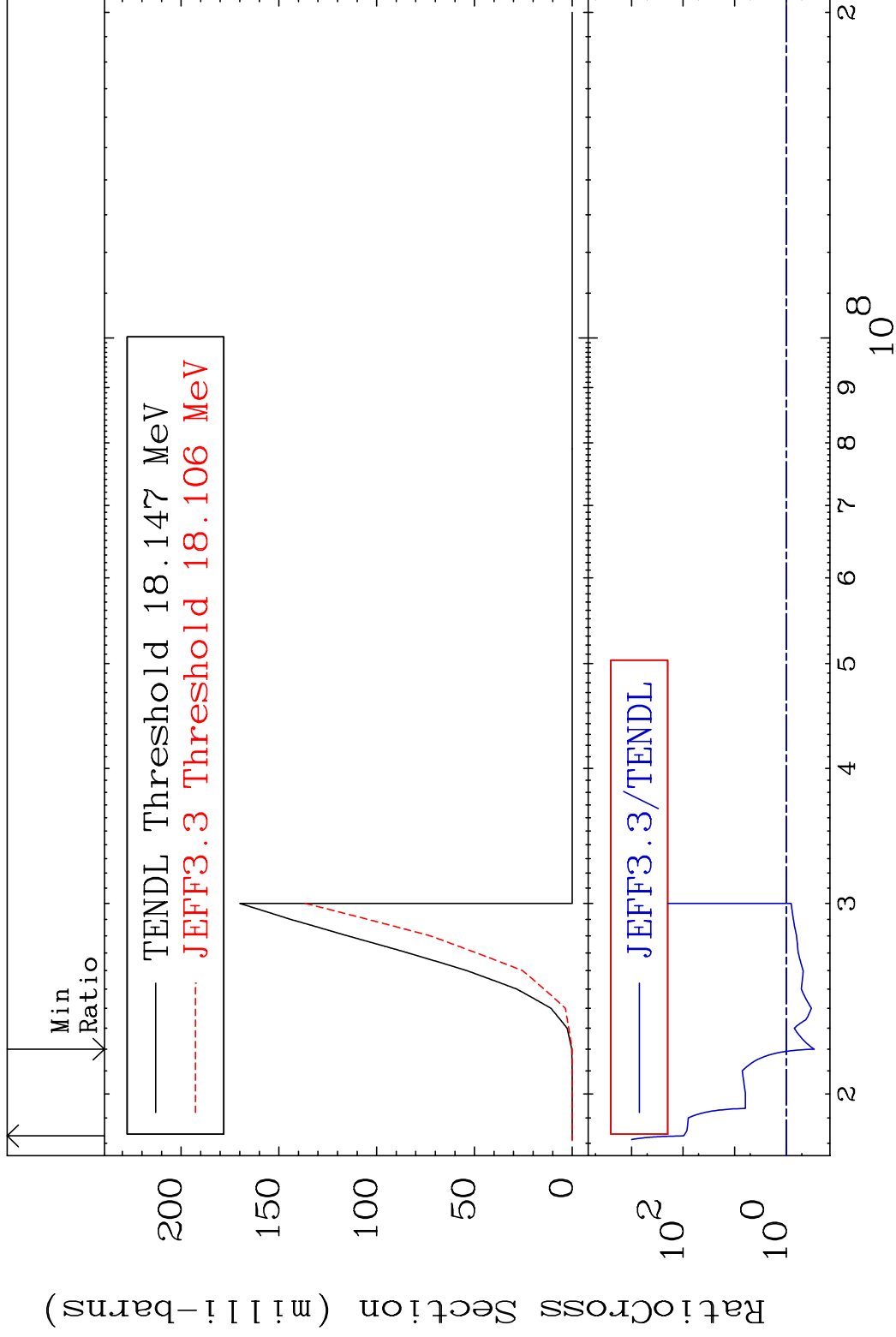
46-Pd-104

MAT 4631

(n,2n) p

46-Pd-104

Cross Section -71.23 To 9660. %



11

Incident Energy (eV)

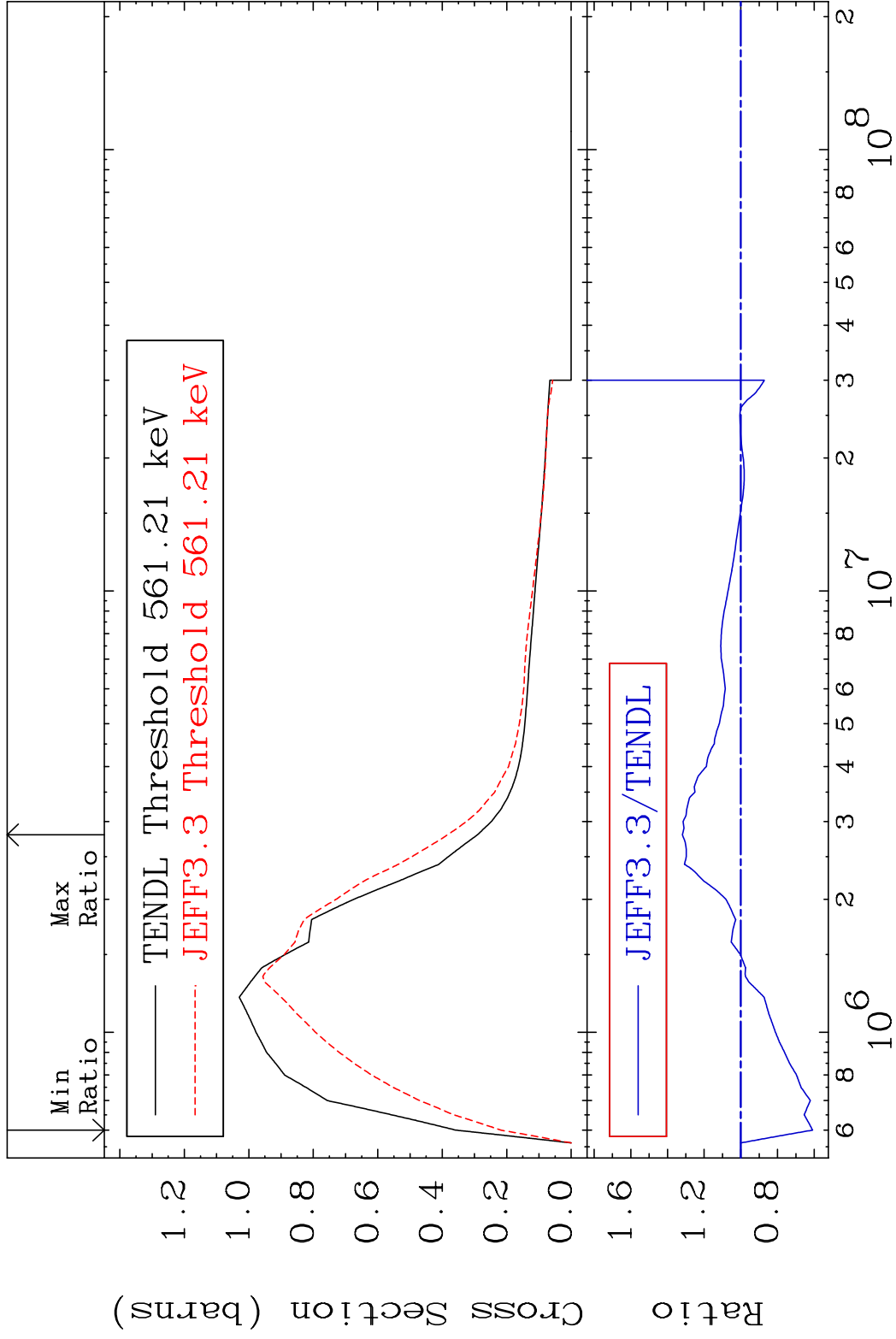
46-Pd-104

MAT 4631

MT= 51 (n,n') Level

46-Pd-104

Cross Section -39.10 To 31.88 %

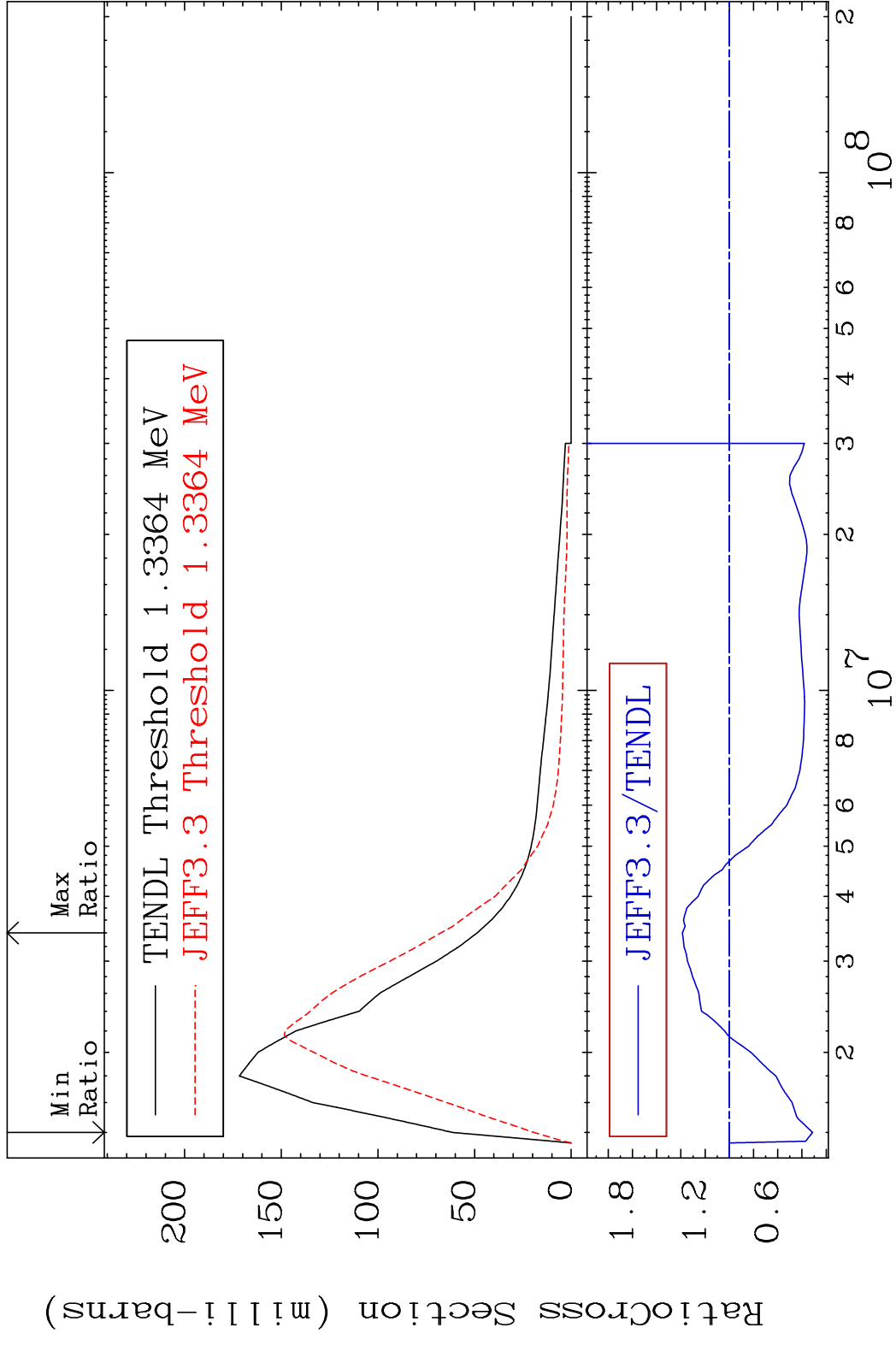


12

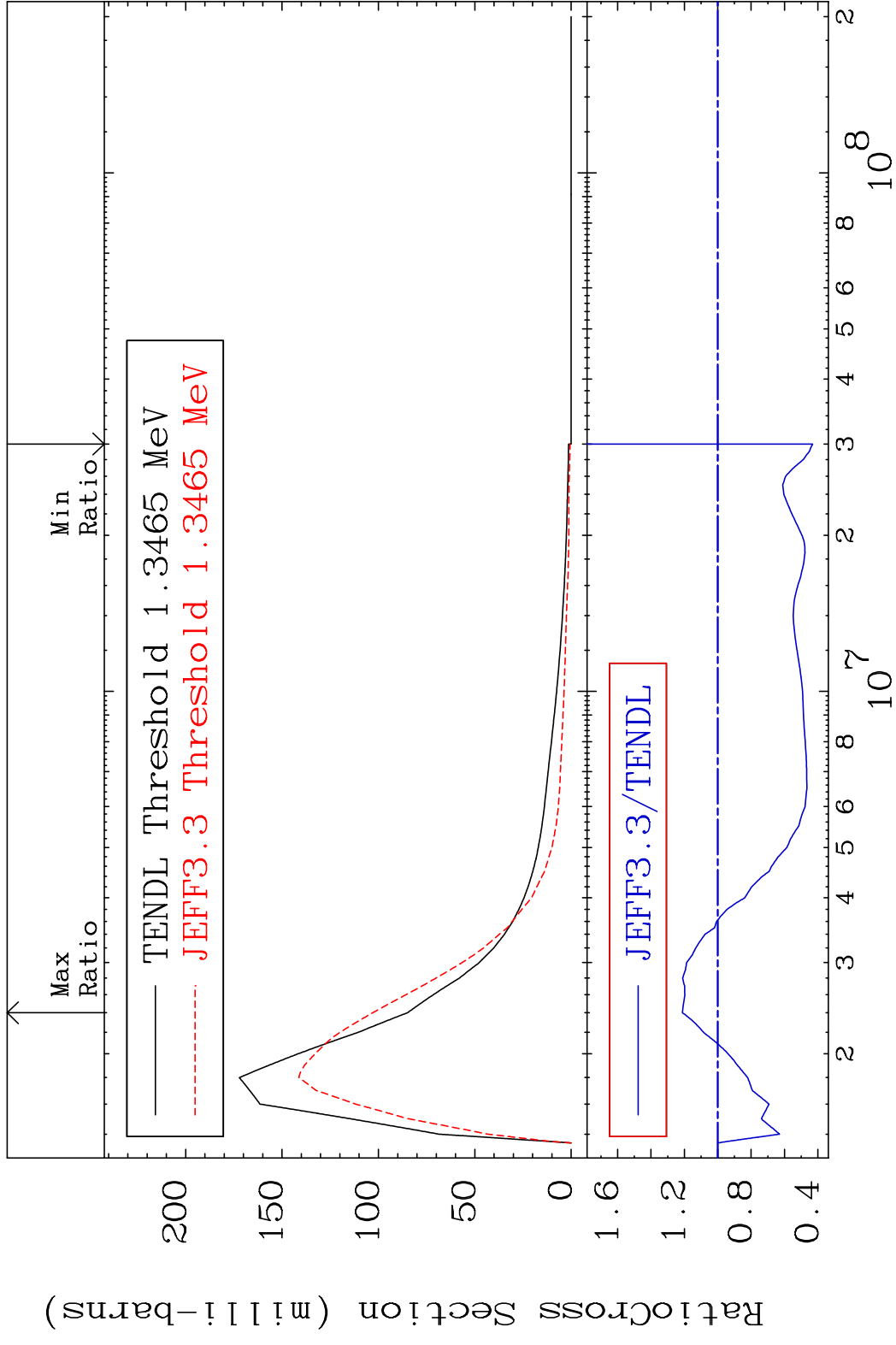
Incident Energy (eV)

46-Pd-104

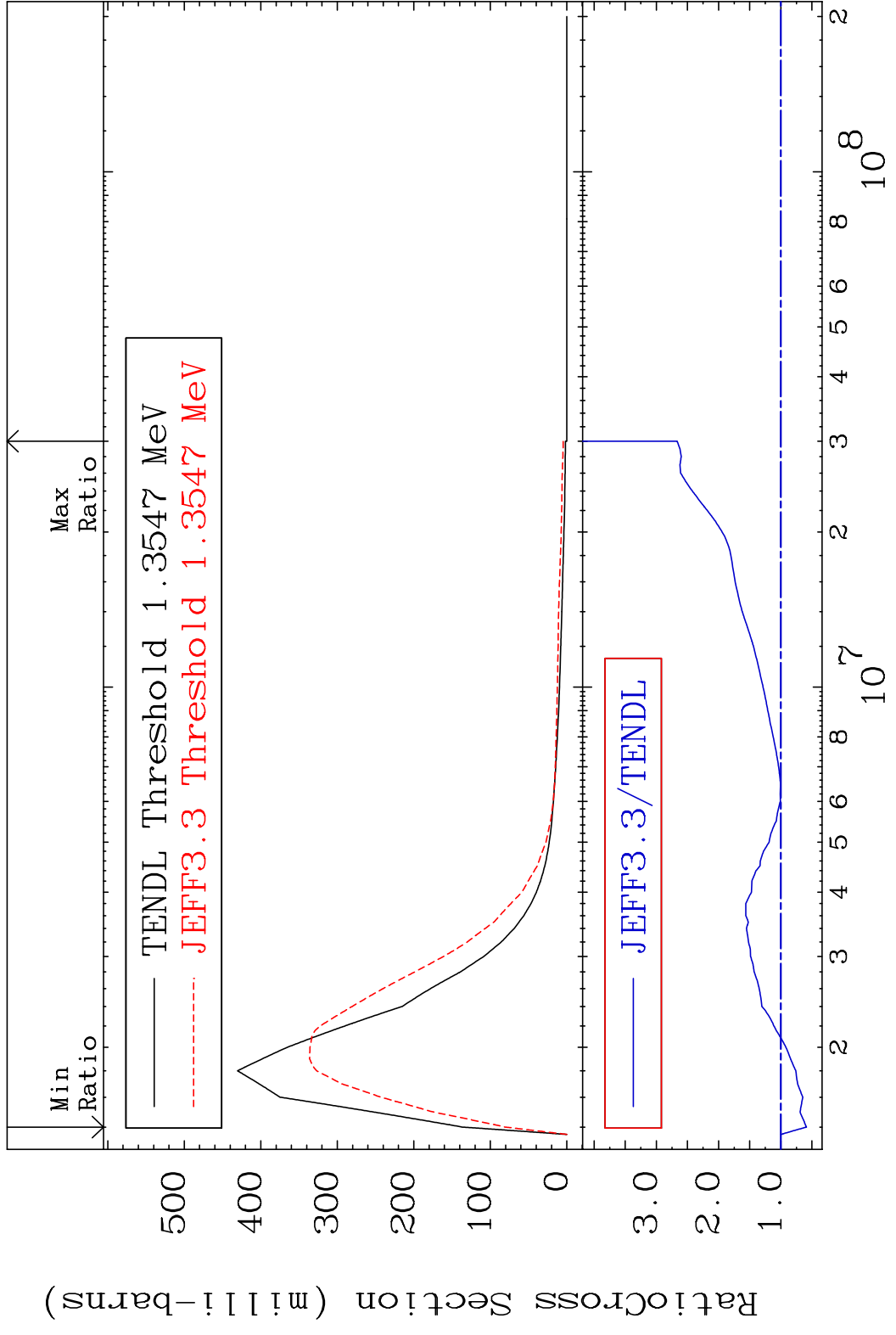
MAT 4631 MT= 52 (n,n') Level 46-Pd-104  
 Cross Section -68.72 To 38.78 %



MAT 4631 MT= 53 (n, n') Level 46-Pd-104  
 Cross Section -56.81 To 21.22 %

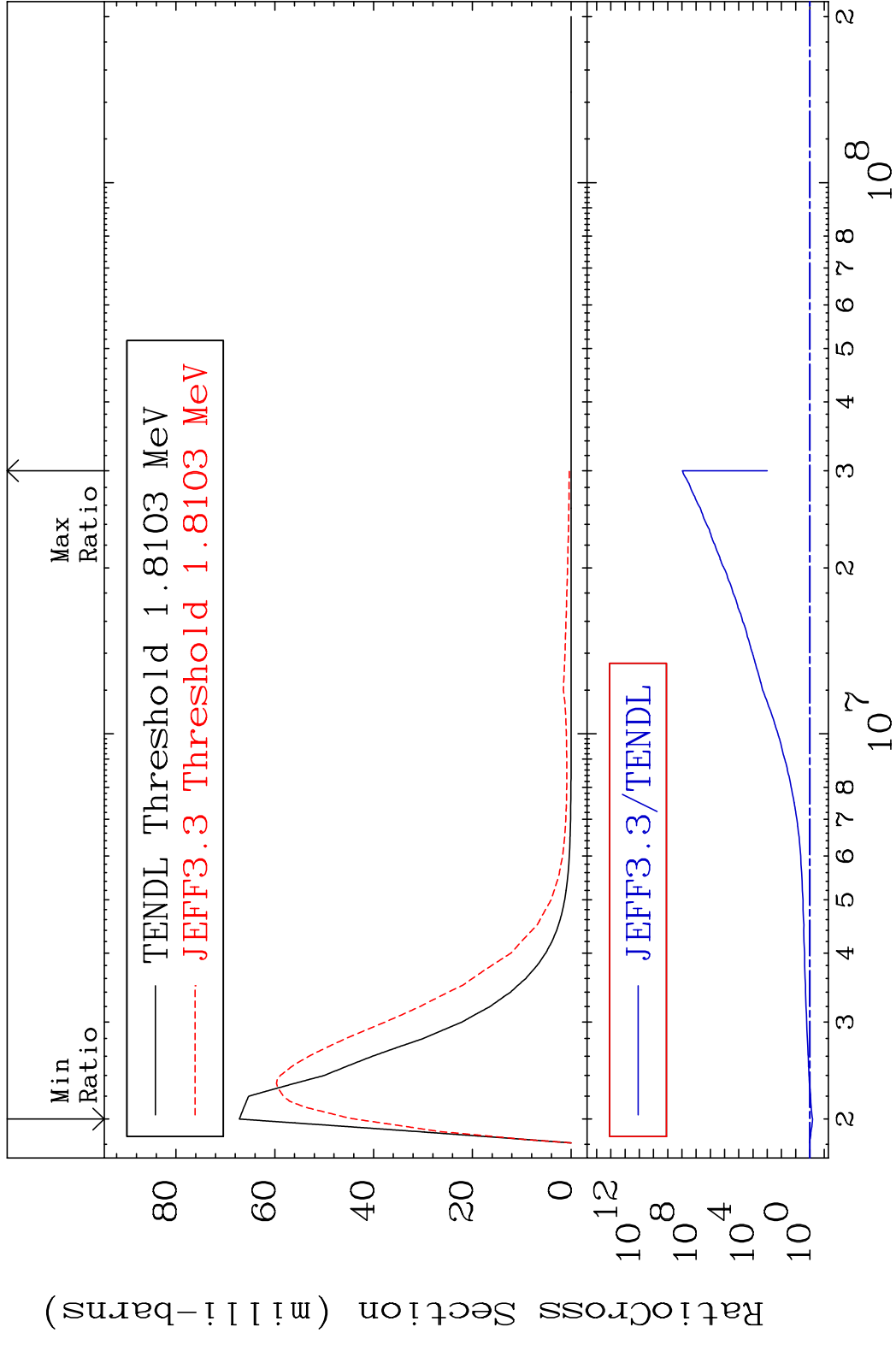


MAT 4631 MT= 54 (n,n') Level 46-Pd-104  
 Cross Section -41.02 To 166.6 %

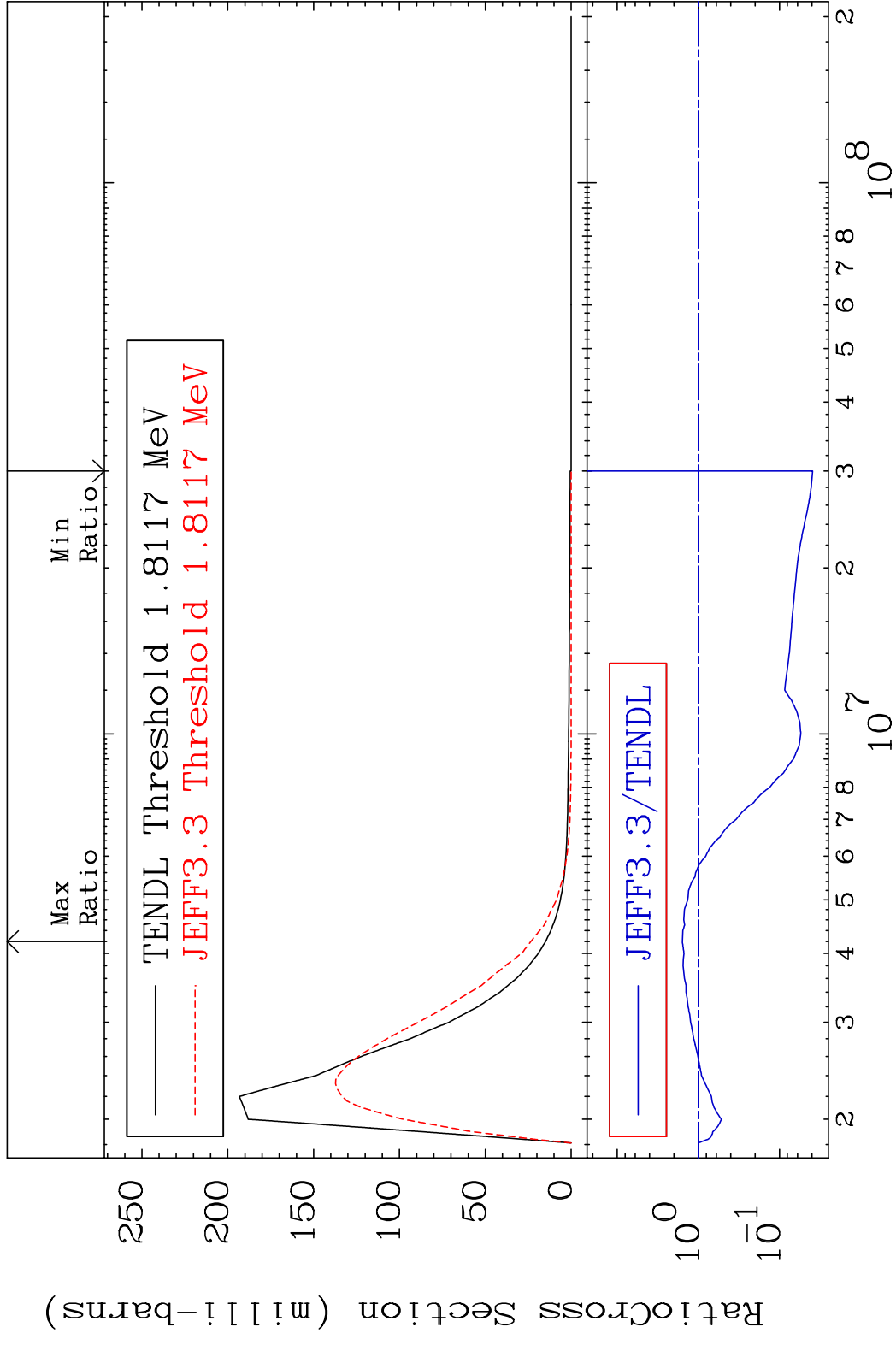




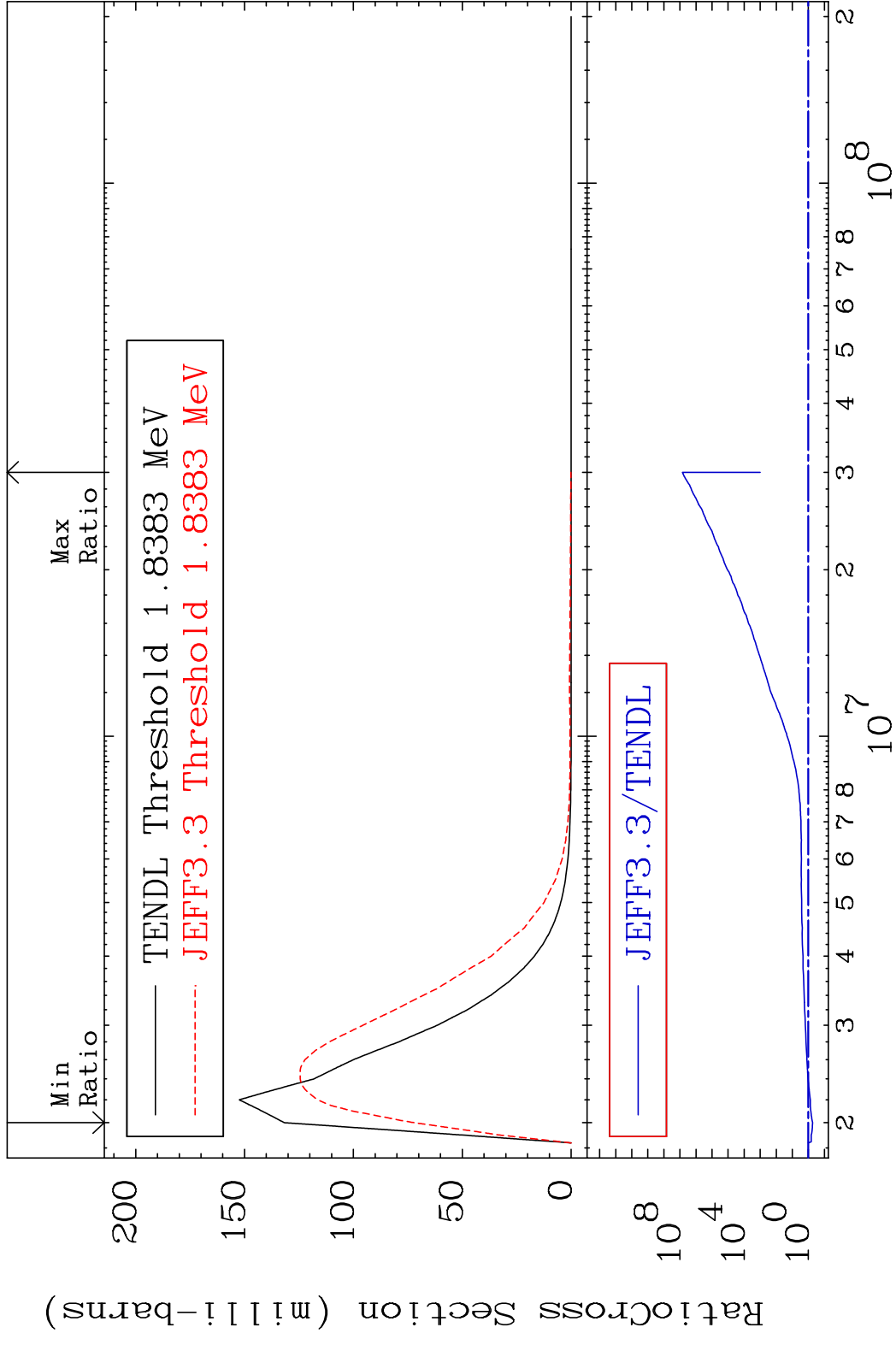
MAT 4631 MT= 55 (n, n') Level 46-Pd-104  
 Cross Section -34.78 To 9999. %



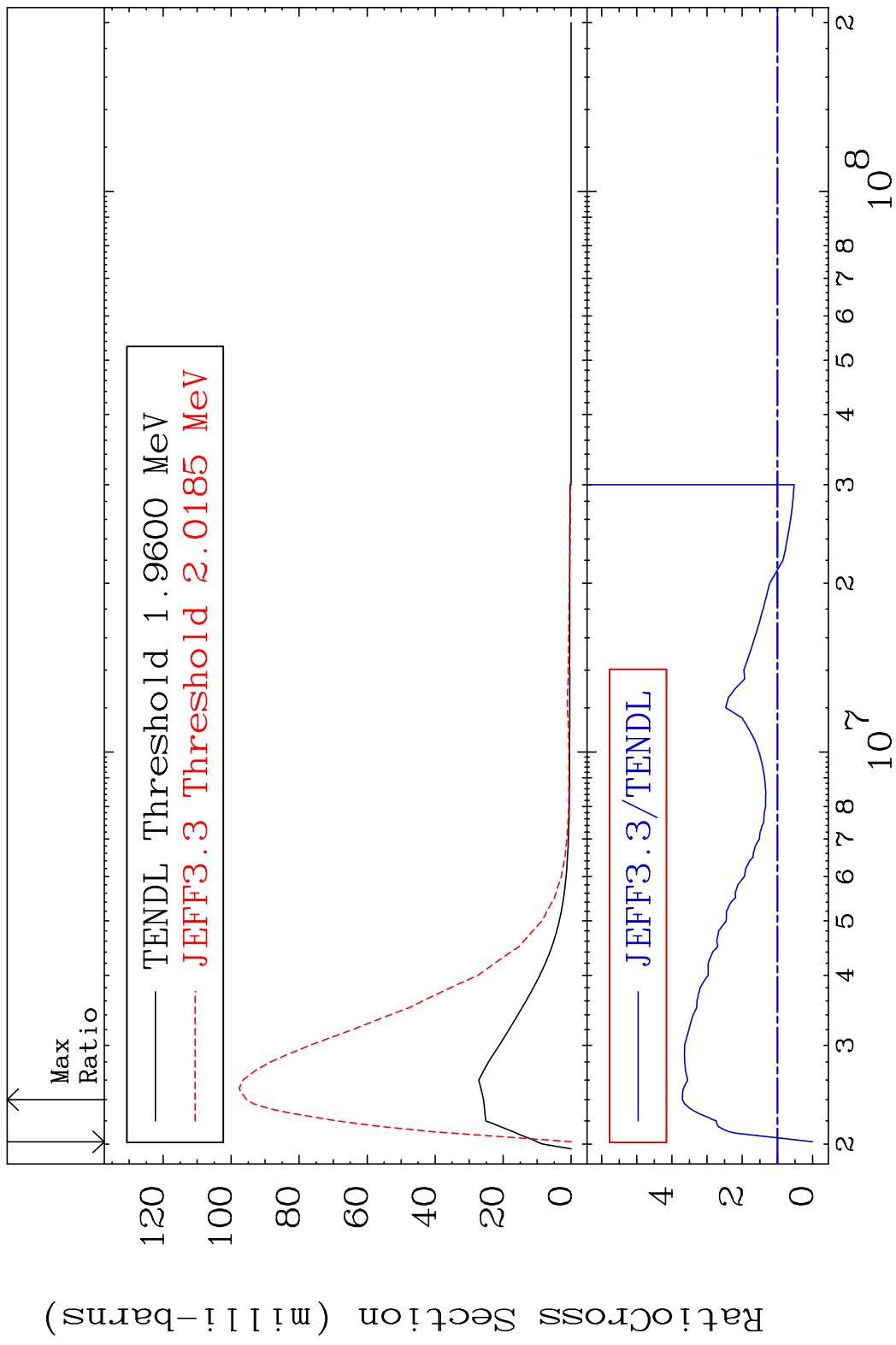
MAT 4631 MT= 56 (n, n') Level 46-Pd-104  
 Cross Section -96.08 To 57.68 %



MAT 4631 MT= 57 (n, n') Level 46-Pd-104  
 Cross Section -45.24 To 9999. %



MAT 4631 MT= 58 (n,n') Level 46-Pd-104  
 Cross Section -100.0 To 270.3 %

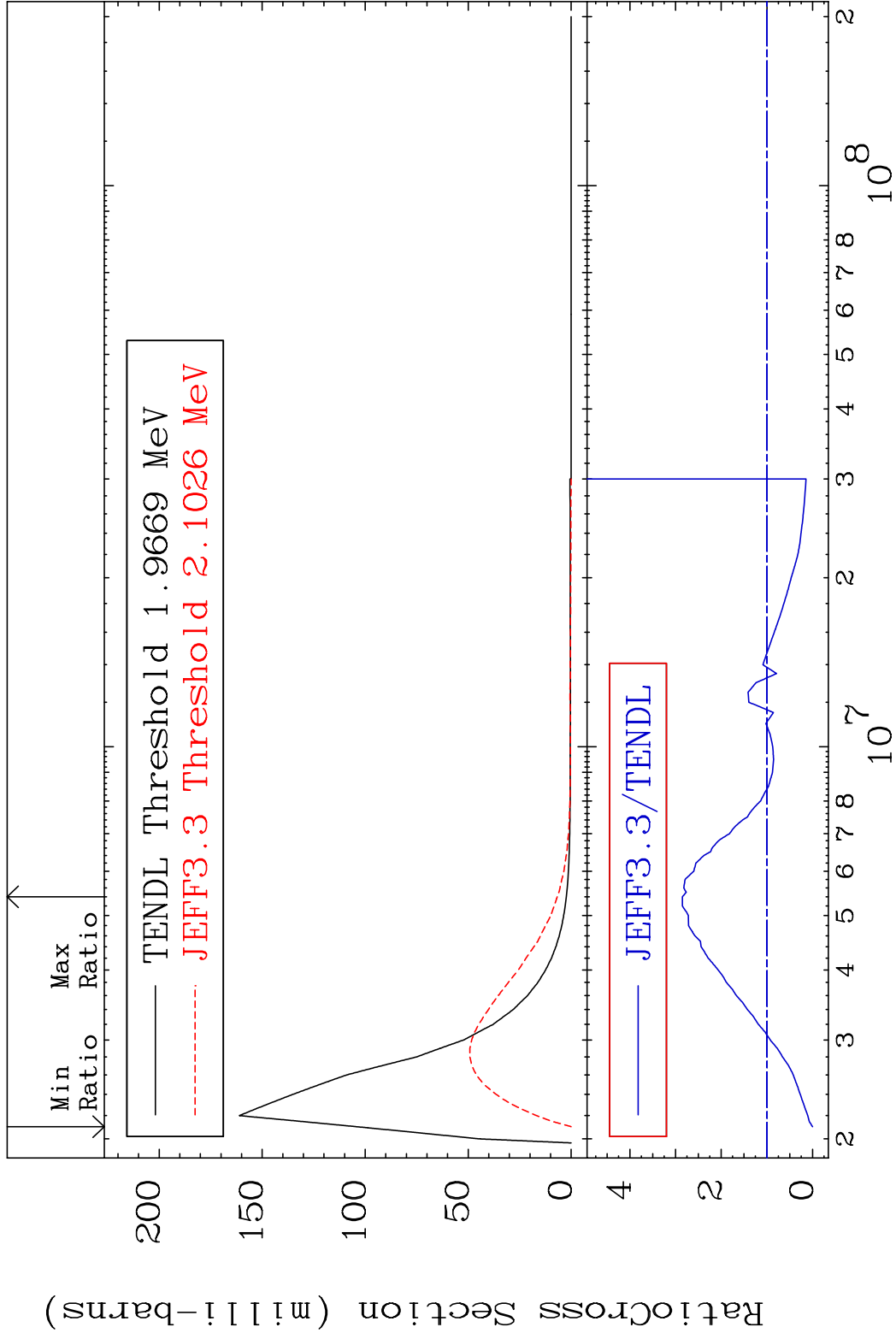


MAT 4631

MT= 59 (n, n') Level

46-Pd-104

Cross Section -100.0 To 185.1 %

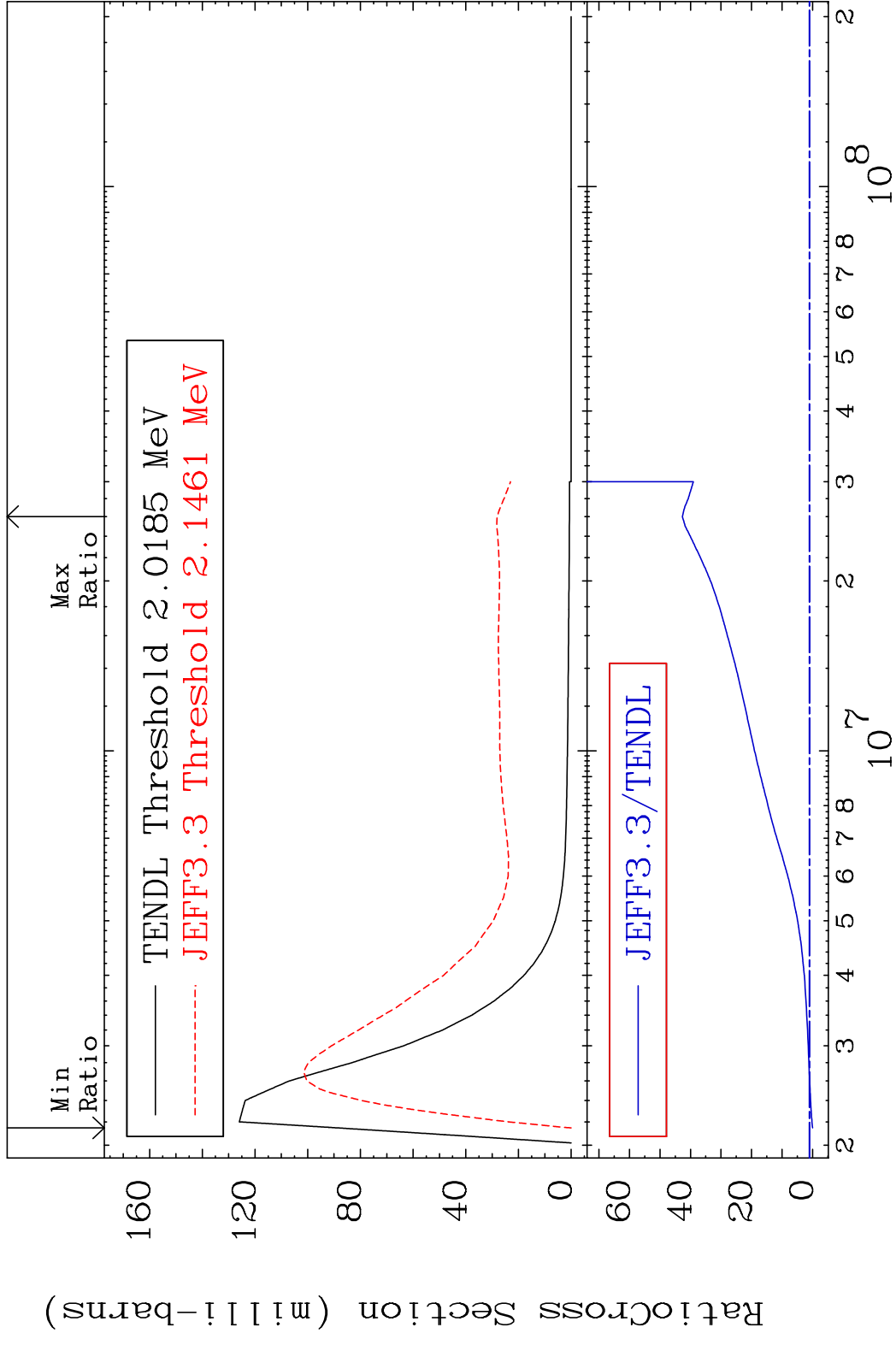


20

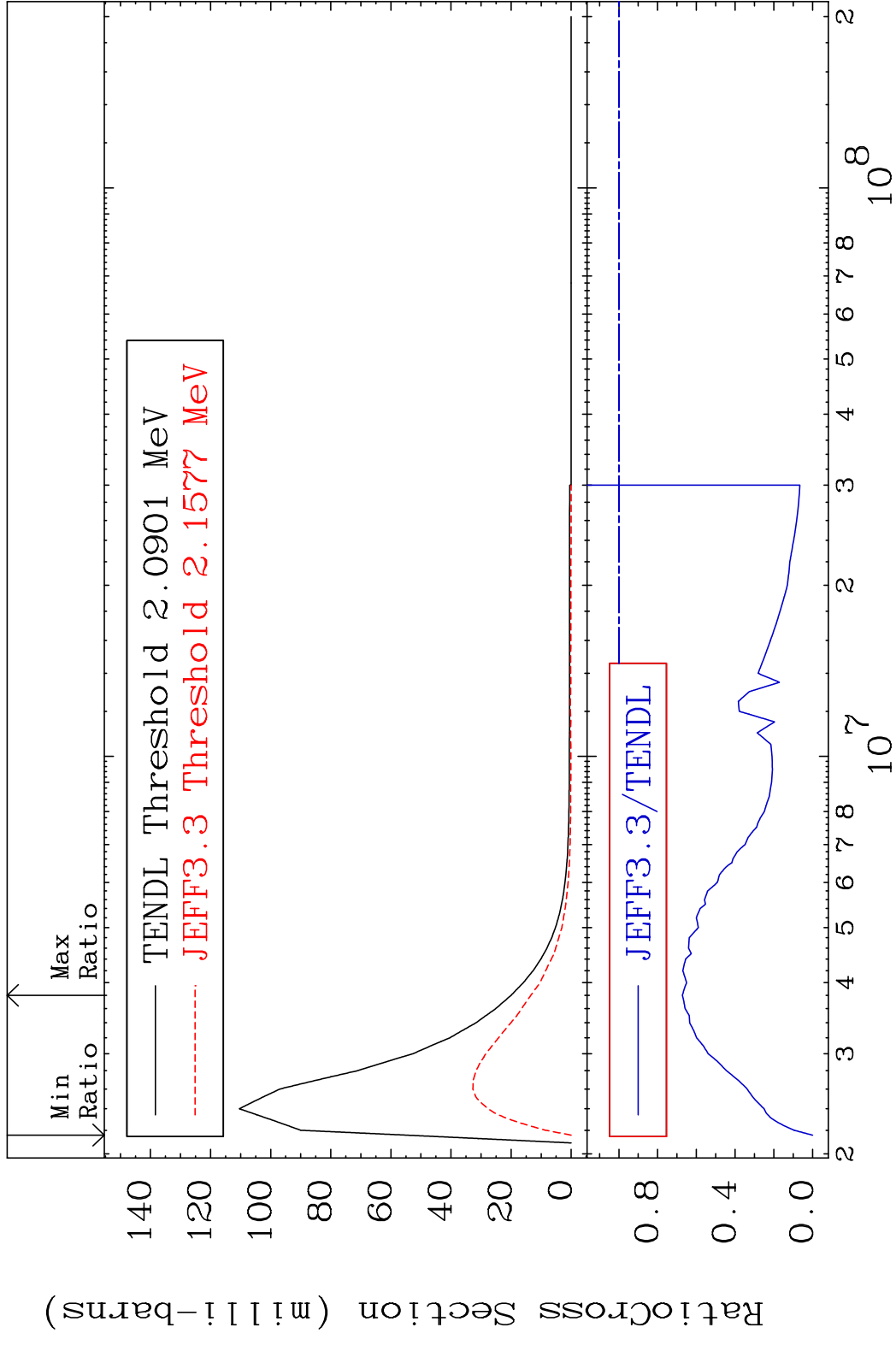
Incident Energy (eV)

46-Pd-104

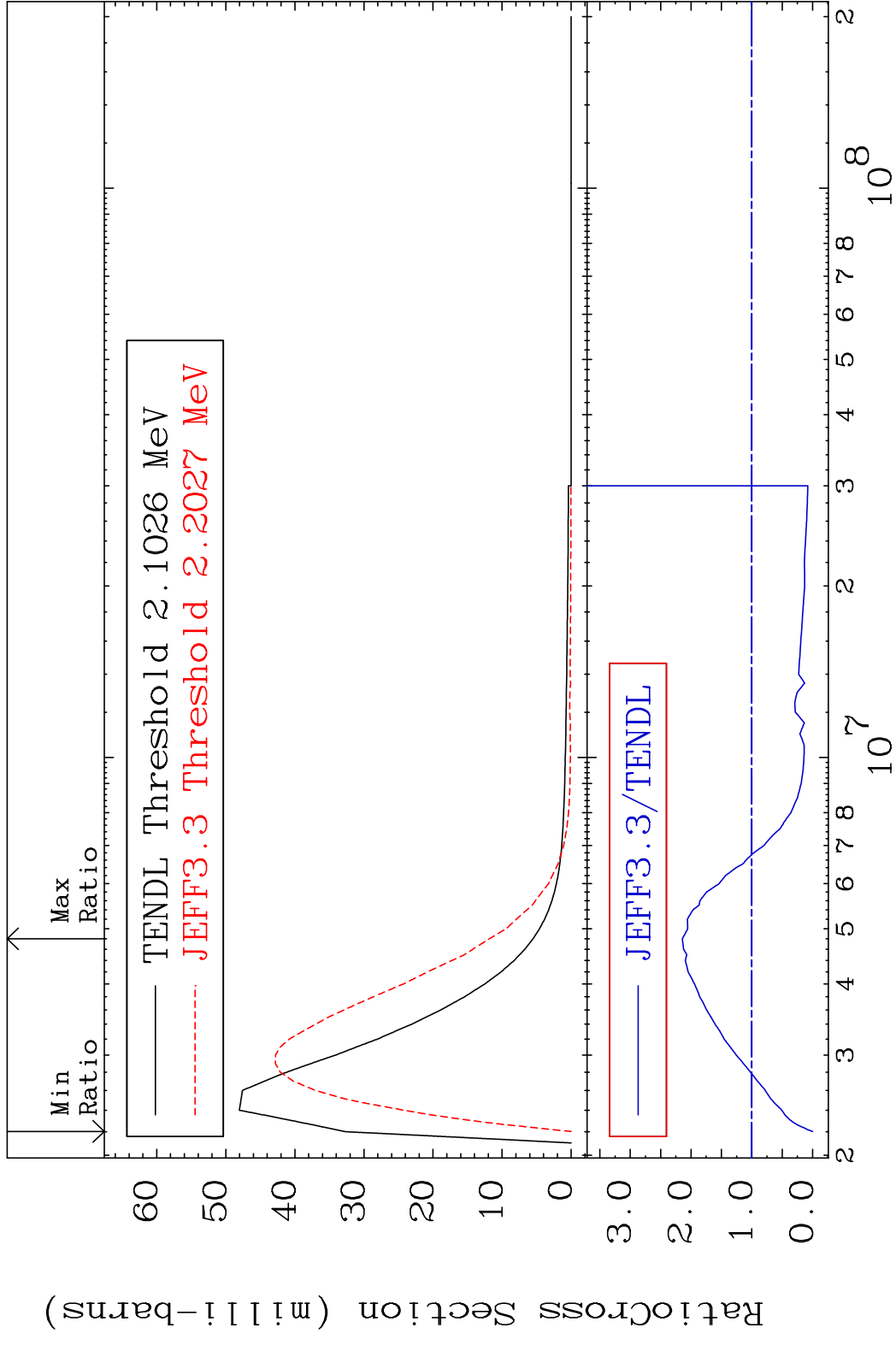
MAT 4631 MT= 60 (n, n') Level 46-Pd-104  
 Cross Section -100.0 To 4167. %



MAT 4631 MT= 61 (n,n') Level 46-Pd-104  
 Cross Section -100.0 To -32.77%

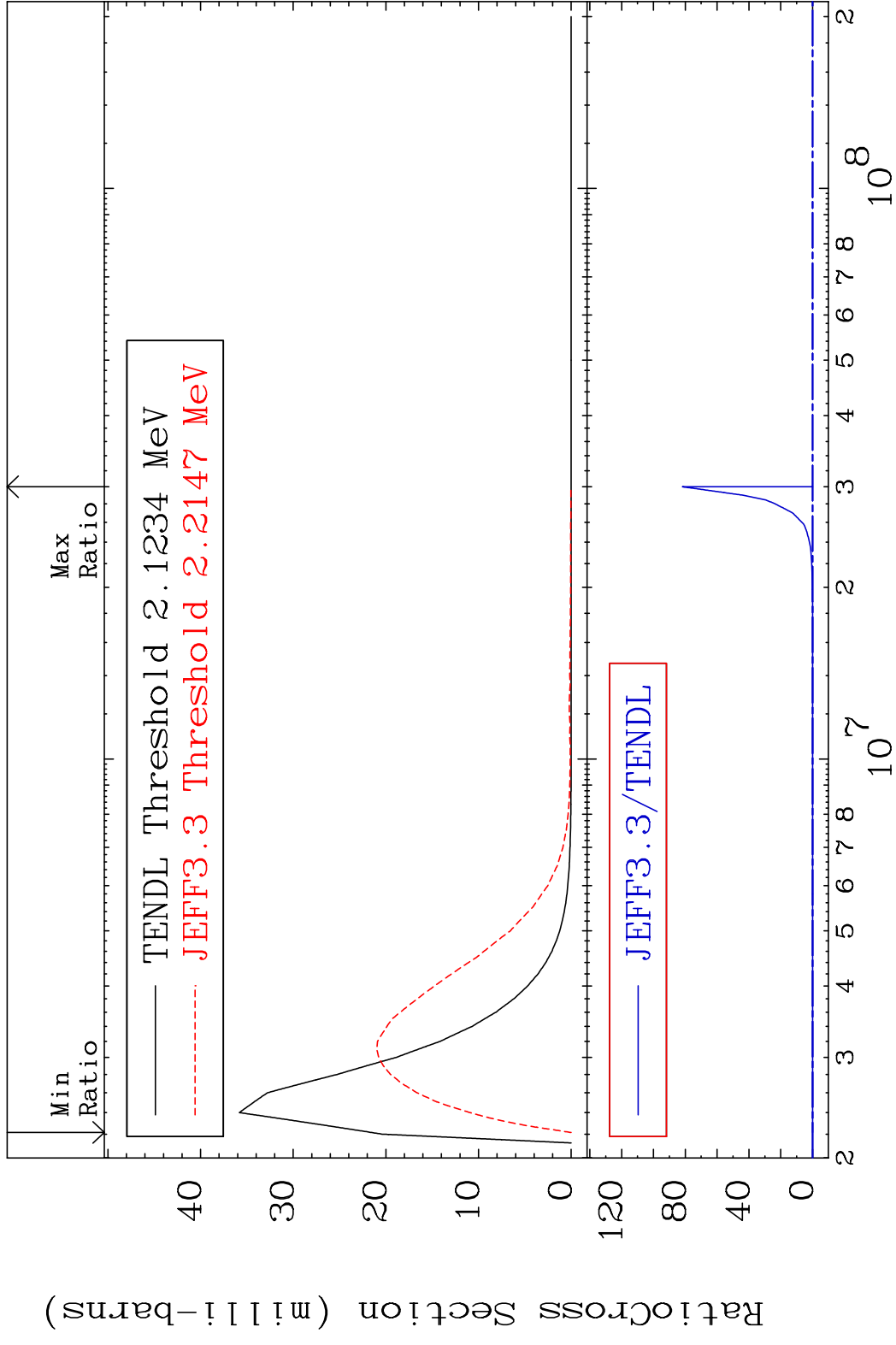


MAT 4631 MT= 62 (n, n') Level 46-Pd-104  
 Cross Section -100.0 To 114.3 %

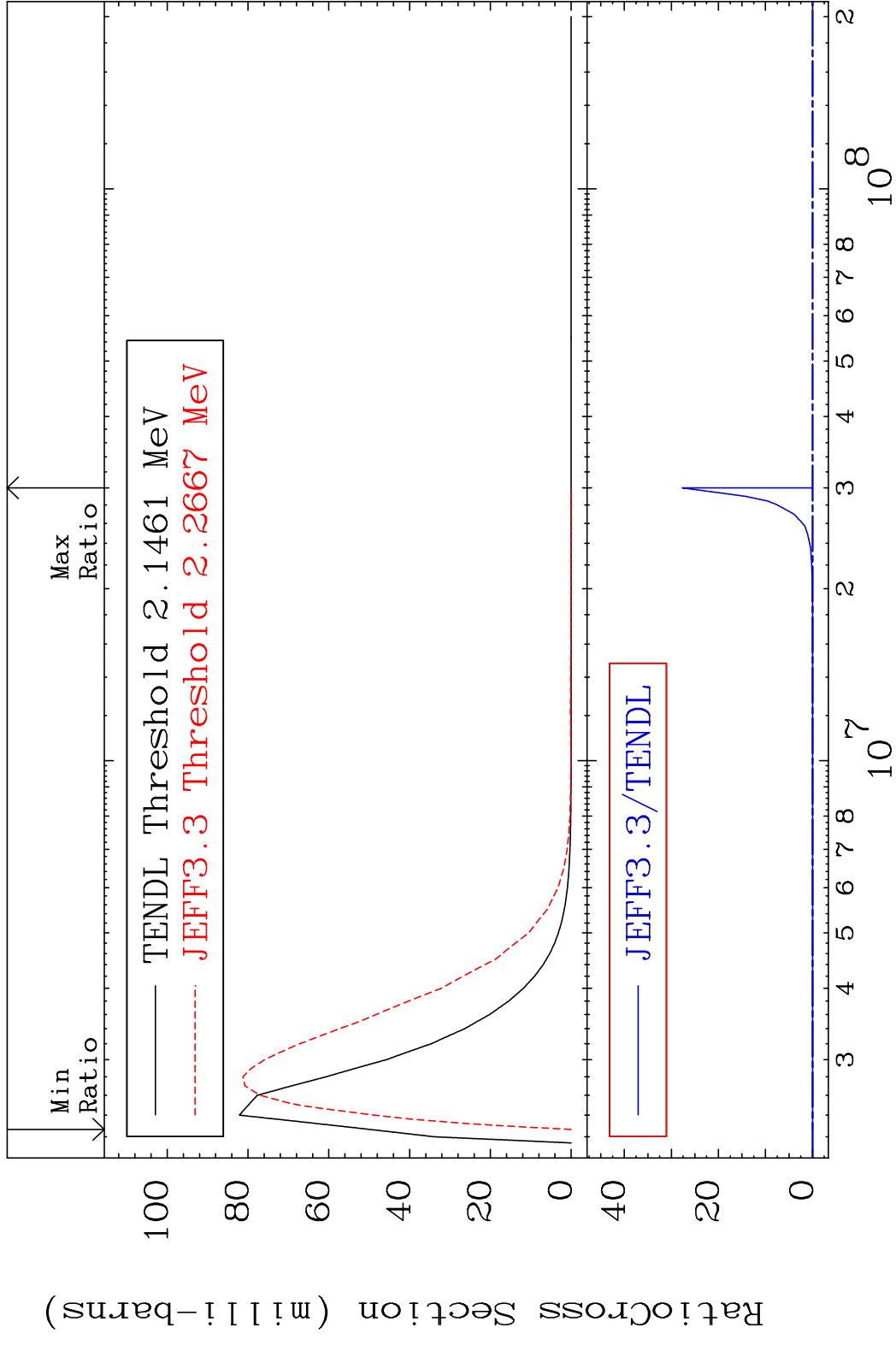




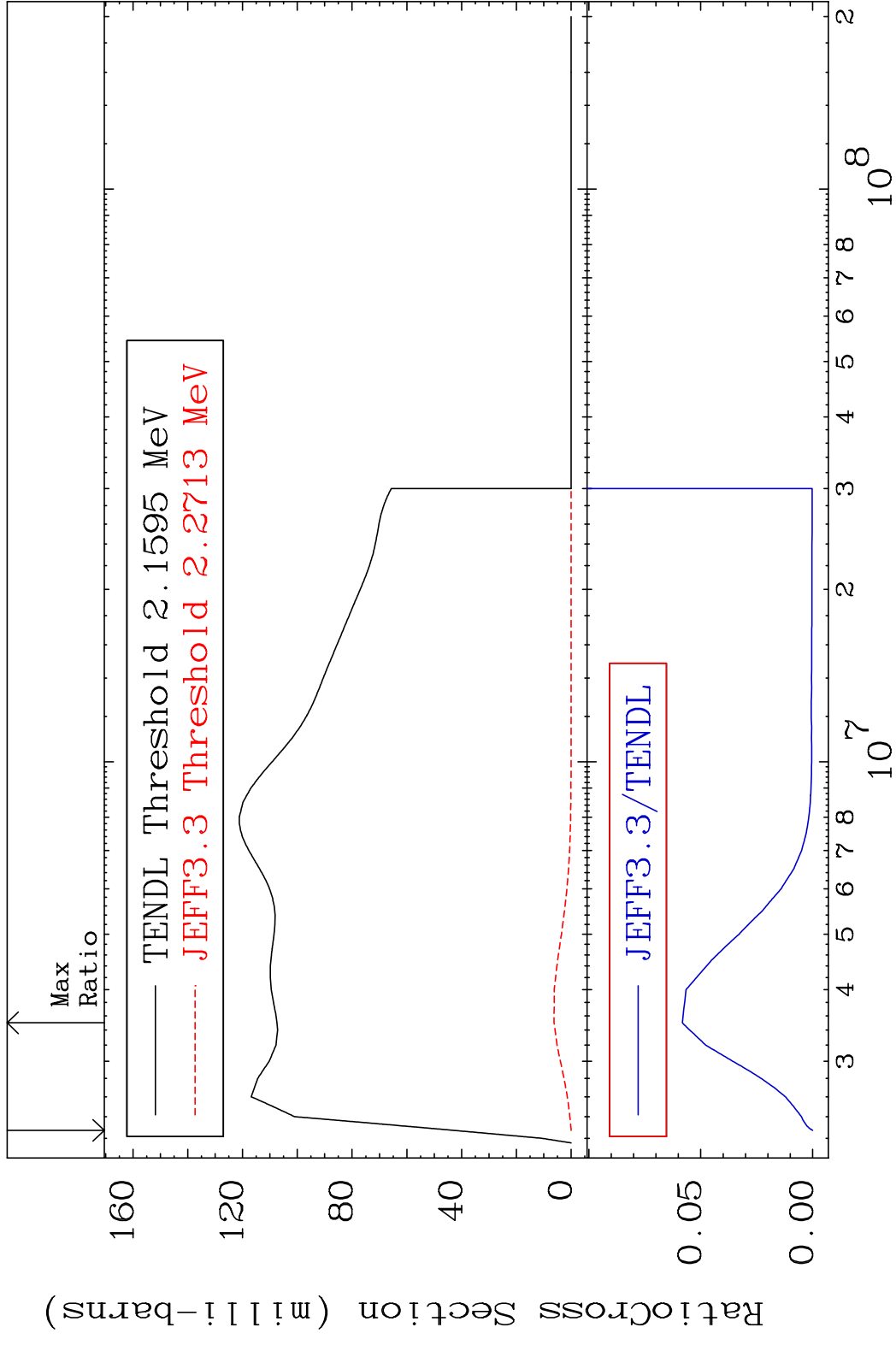
MAT 4631 MT= 63 (n, n') Level 46-Pd-104  
 Cross Section -100.0 To 9999. %



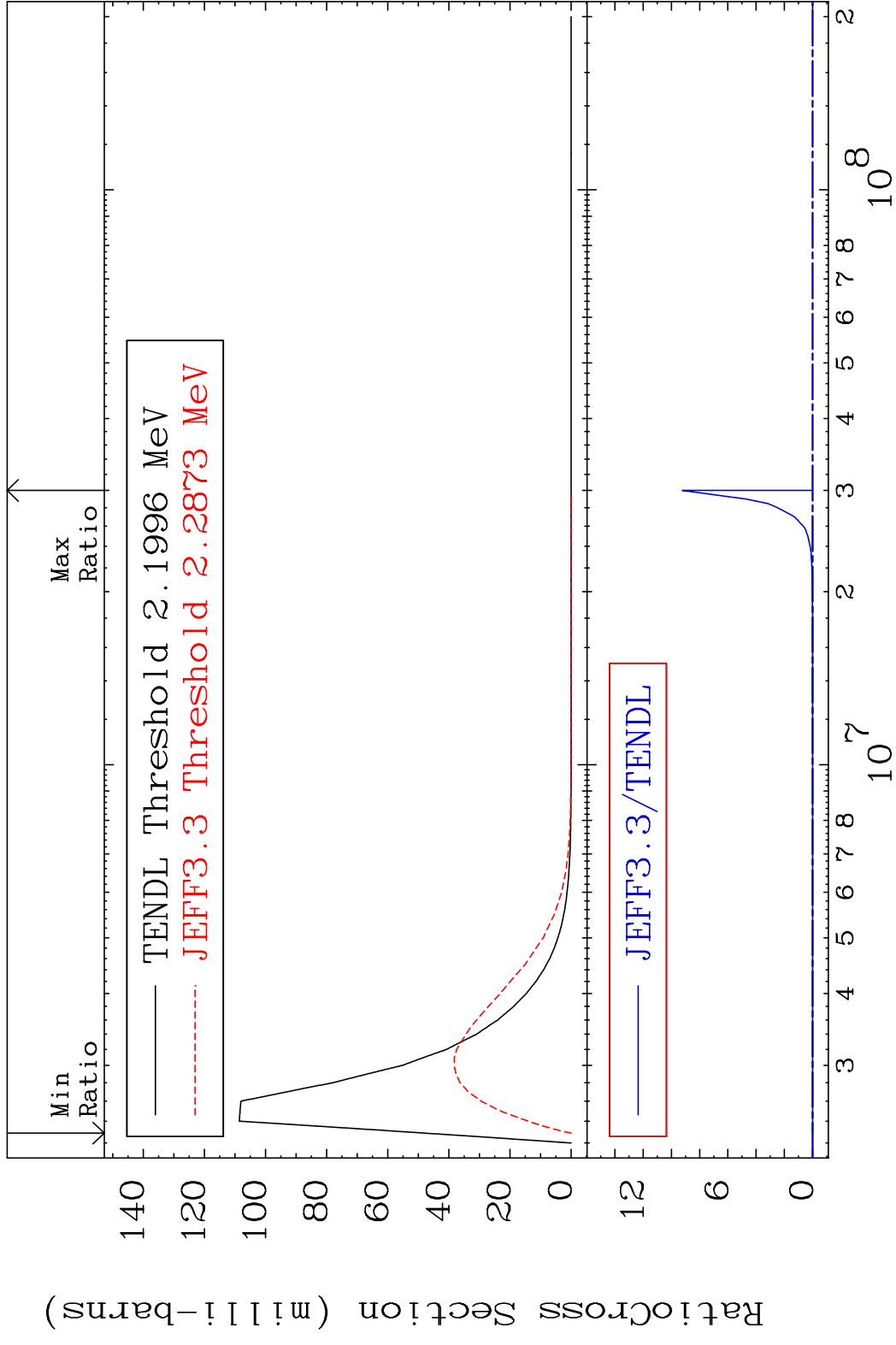
MAT 4631 MT= 64 (n, n') Level 46-Pd-104  
 Cross Section -100.0 To 9999. %



MAT 4631 MT= 65 (n, n') Level 46-Pd-104  
 Cross Section -100.0 To -94.18%



MAT 4631 MT= 66 (n,n') Level 46-Pd-104  
 Cross Section -100.0 To 9999. %

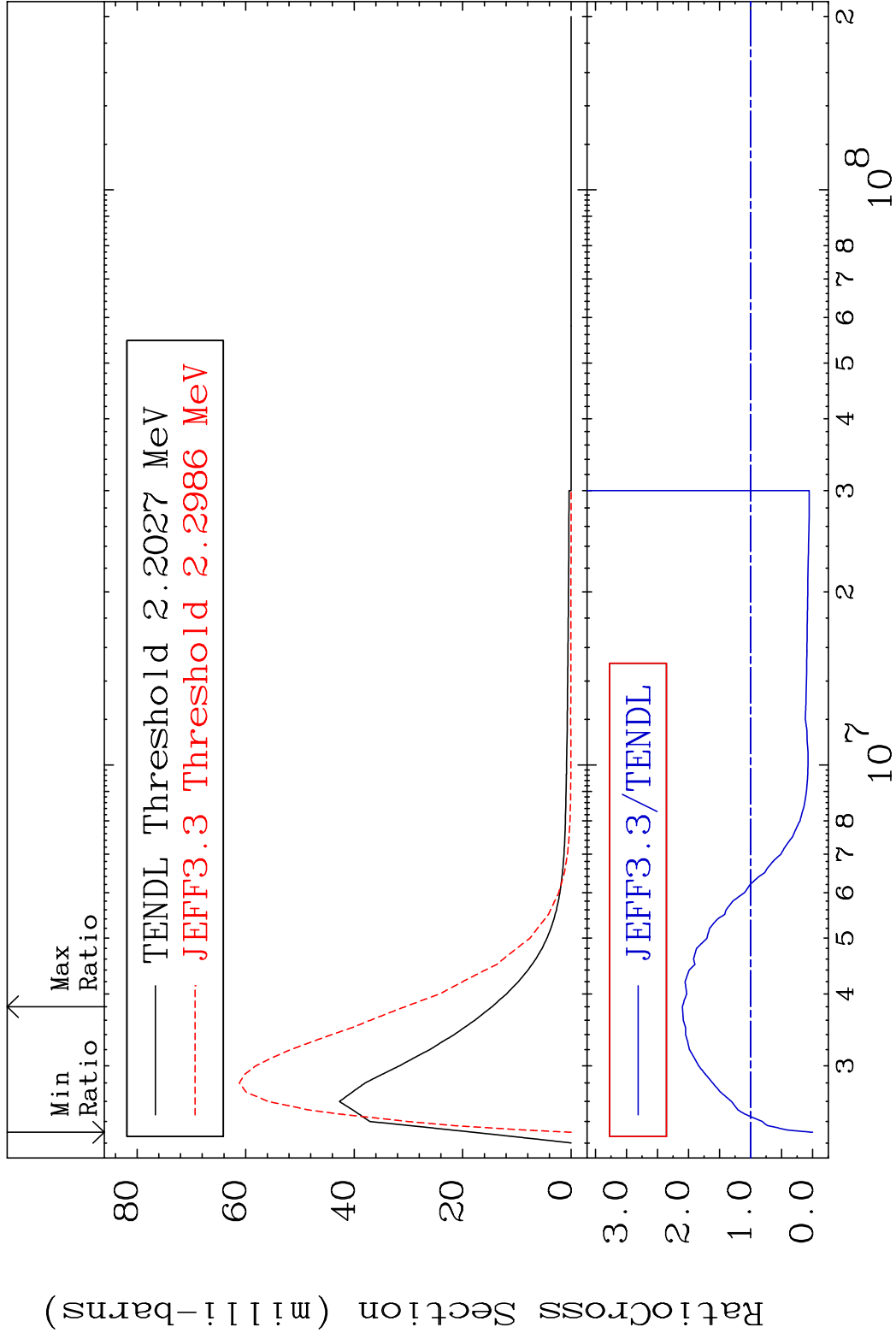


MAT 4631

MT= 67 (n,n') Level

46-Pd-104

Cross Section -100.0 To 109.9 %

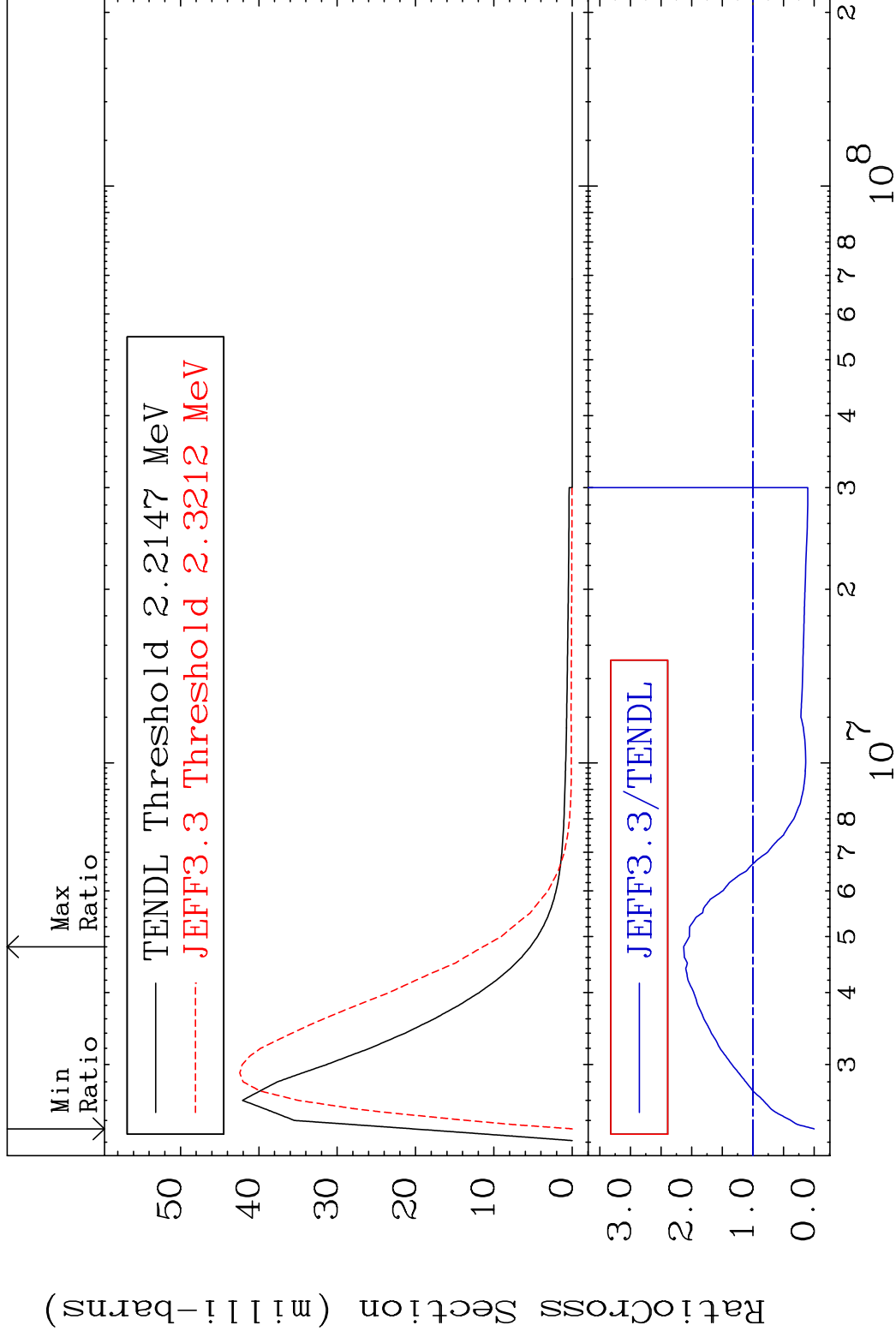


MAT 4631

MT= 68 (n, n') Level

46-Pd-104

Cross Section -100.0 To 113.1 %

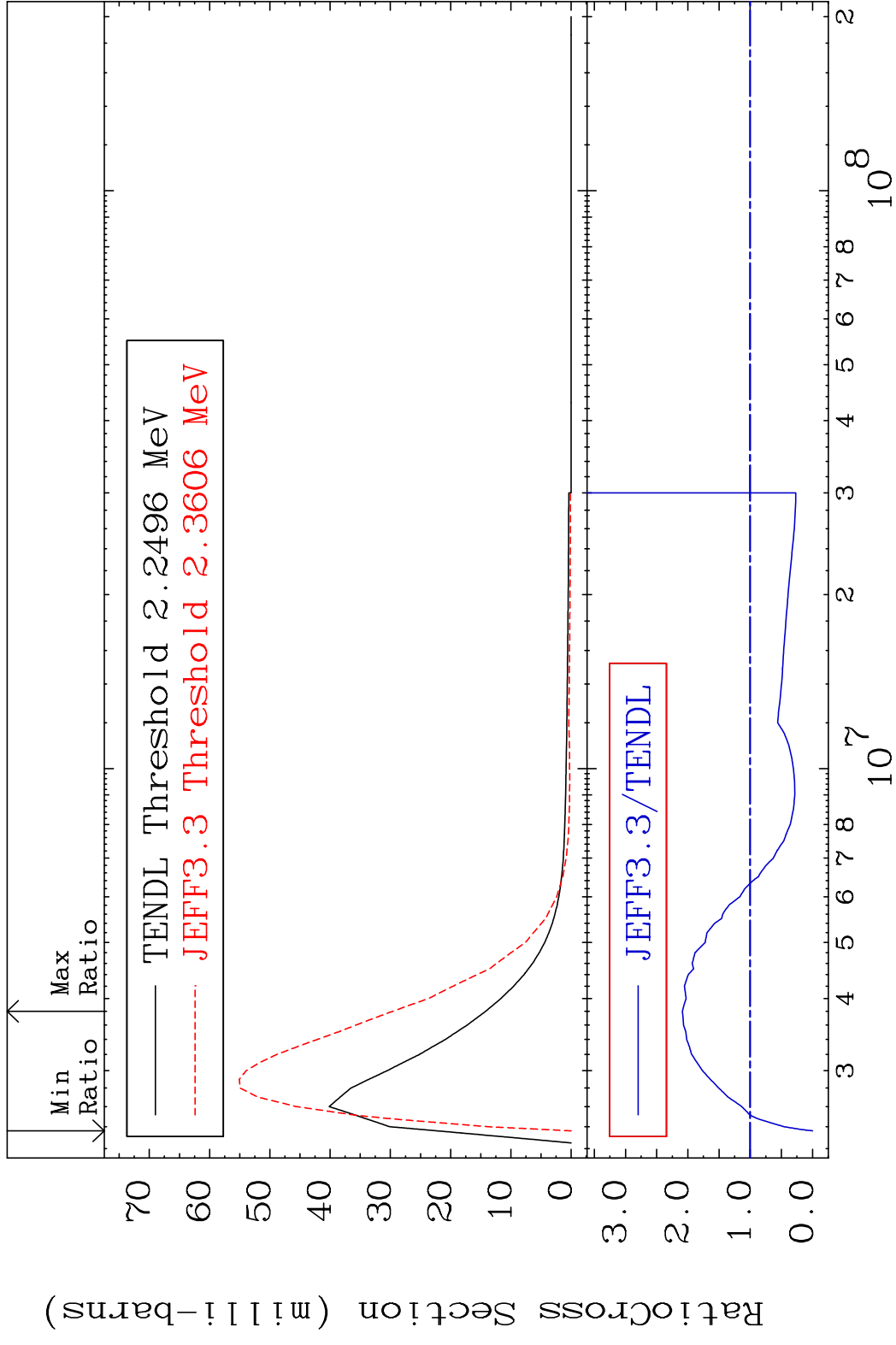


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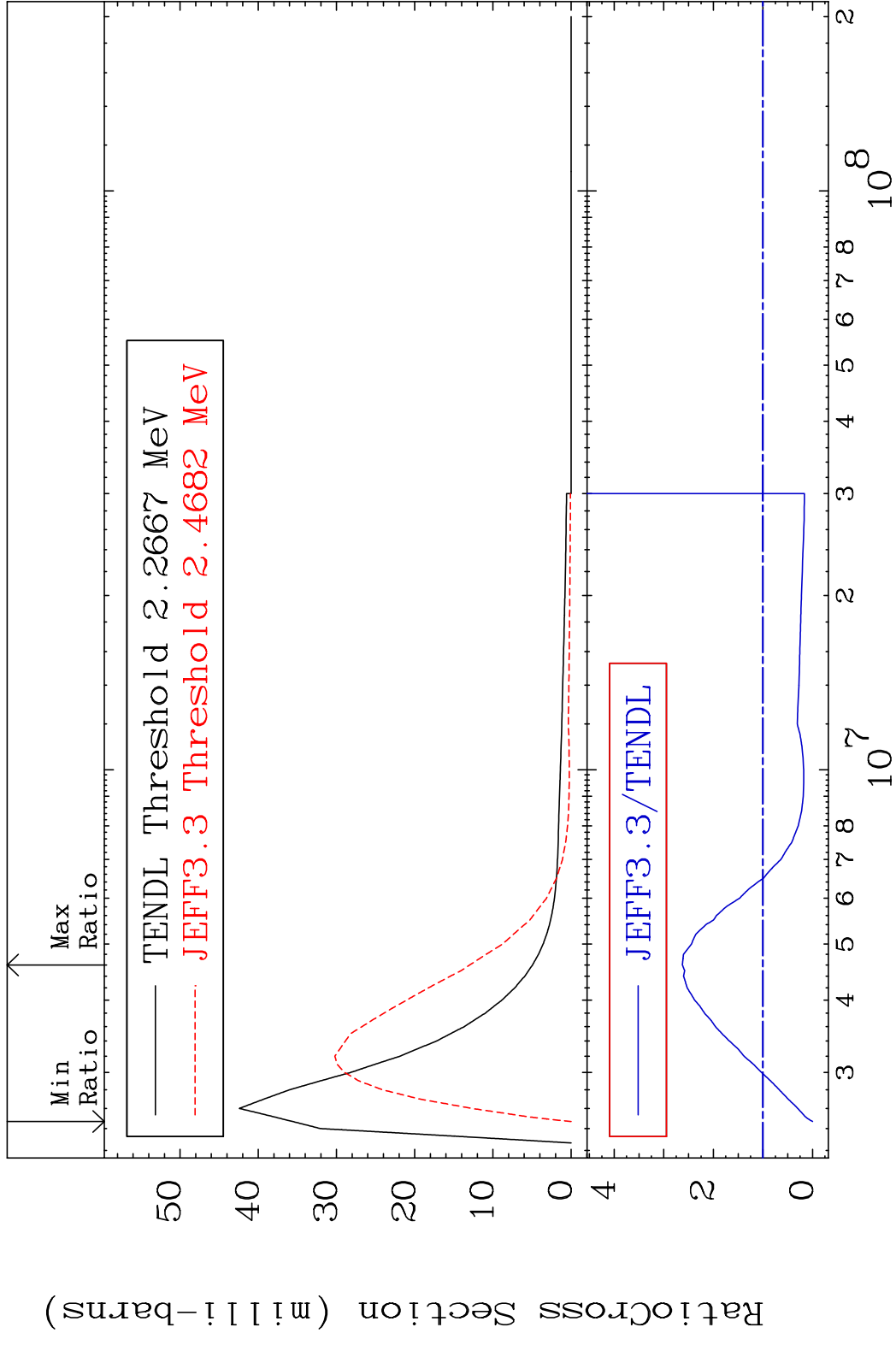
Incident Energy (eV)

46-Pd-104

MAT 4631 MT= 69 (n, n') Level 46-Pd-104  
 Cross Section -100.0 To 108.9 %

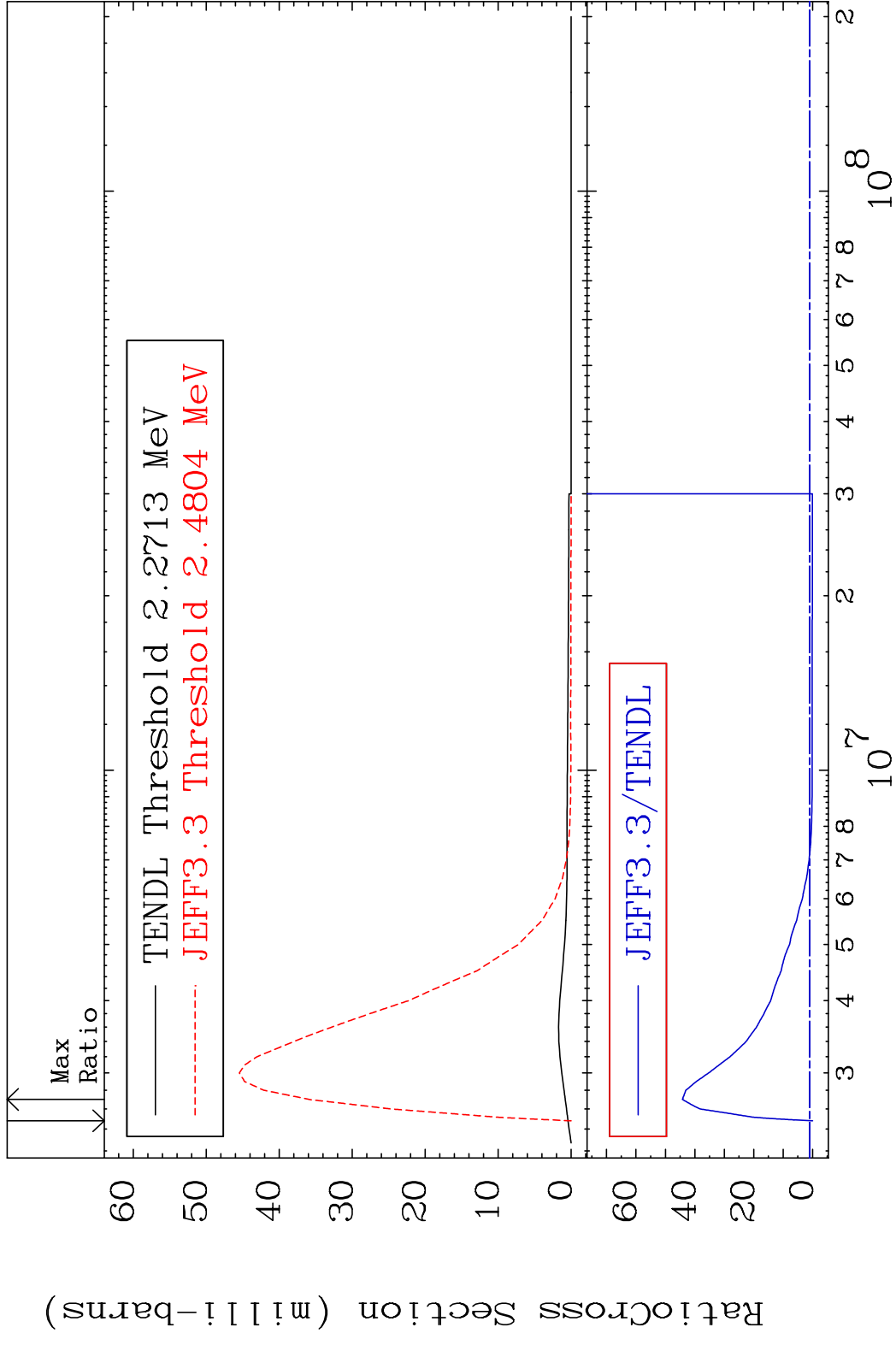


MAT 4631 MT= 70 (n, n') Level 46-Pd-104  
 Cross Section -100.0 To 162.6 %

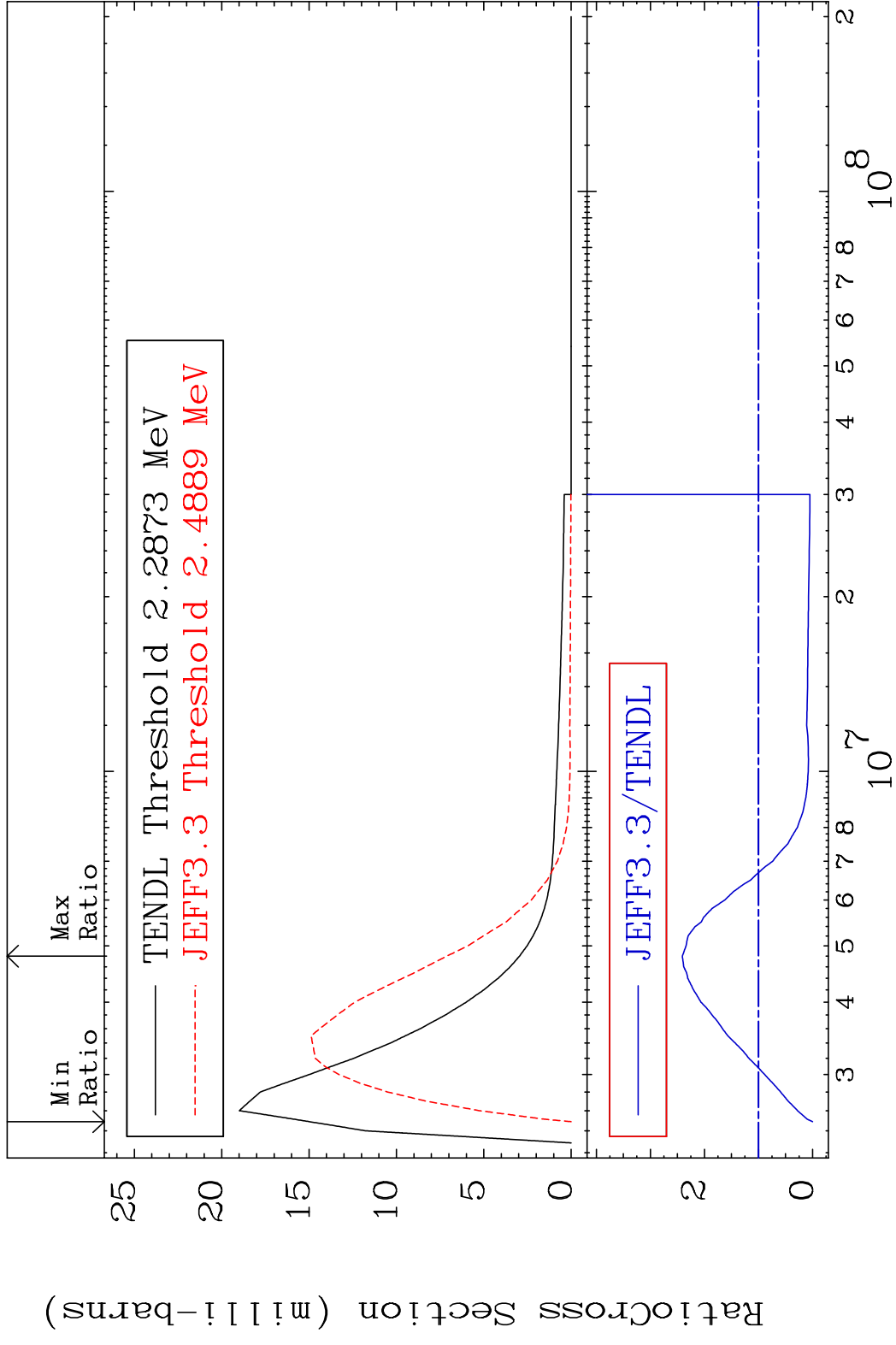




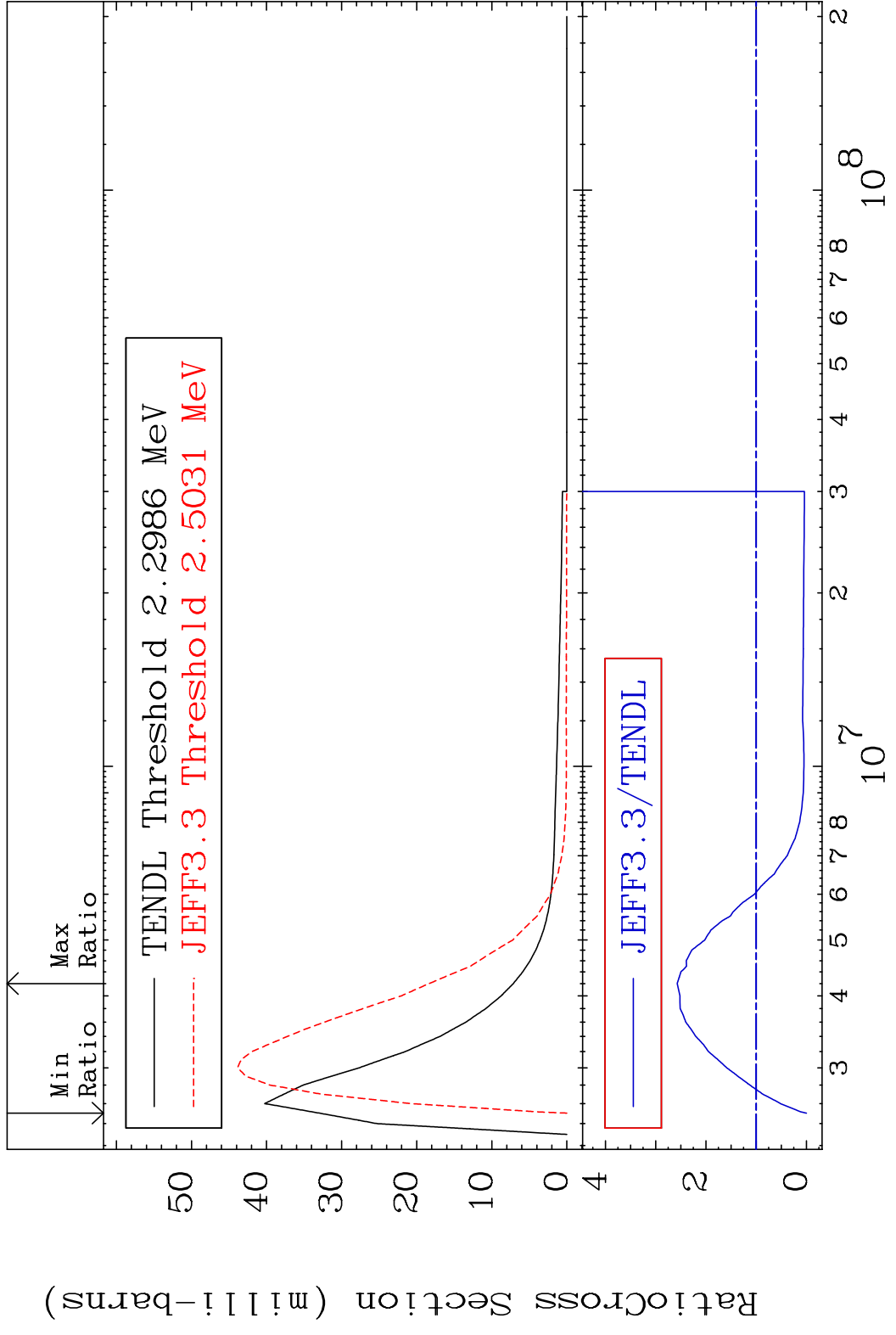
MAT 4631 MT= 71 (n,n') Level 46-Pd-104  
 Cross Section -100.0 To 4324. %



MAT 4631 MT= 72 (n, n') Level 46-Pd-104  
 Cross Section -100.0 To 140.9 %



MAT 4631 MT= 73 (n,n') Level 46-Pd-104  
 Cross Section -100.0 To 157.2 %

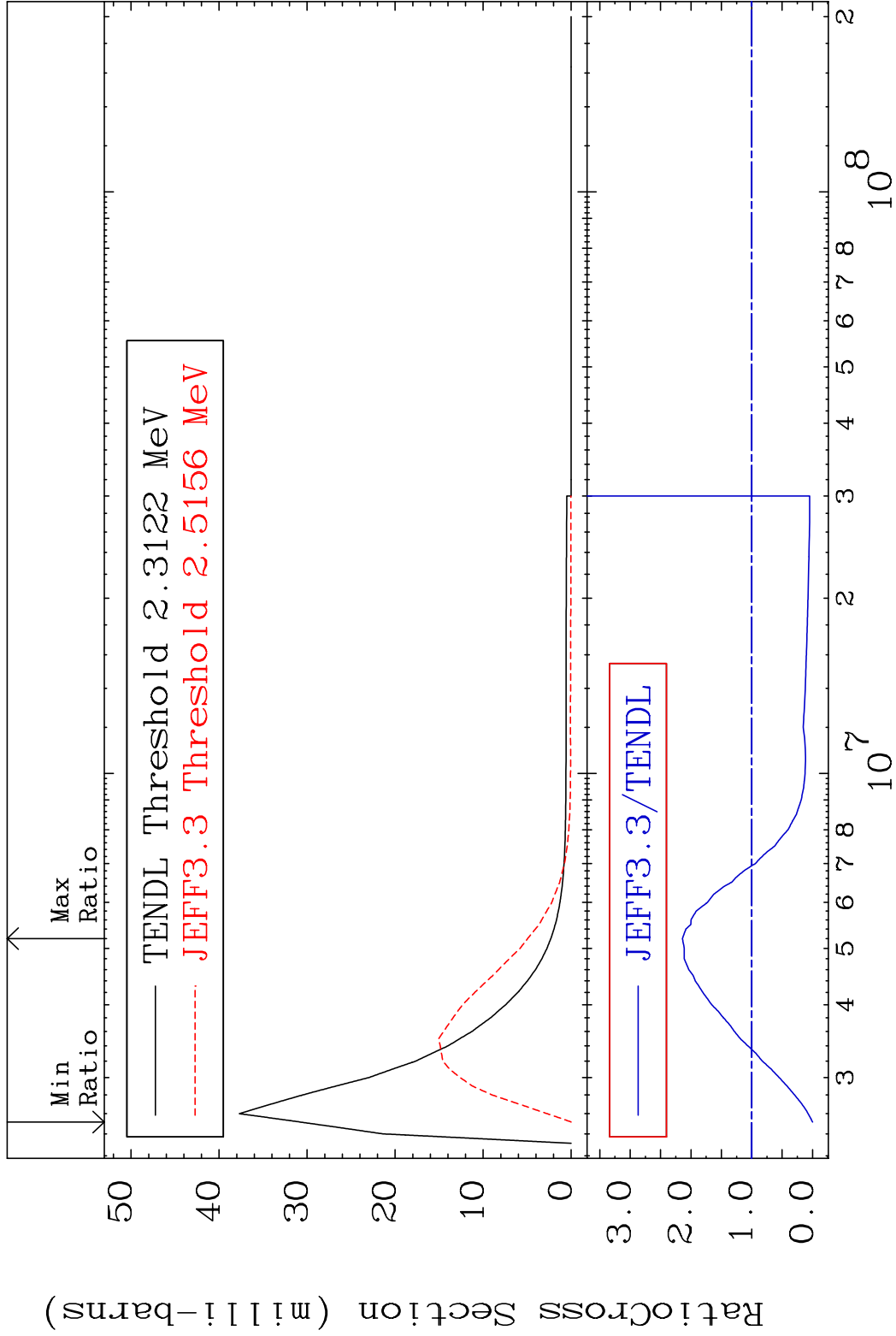


MAT 4631

MT= 74 (n,n') Level

46-Pd-104

Cross Section -100.0 To 114.1 %

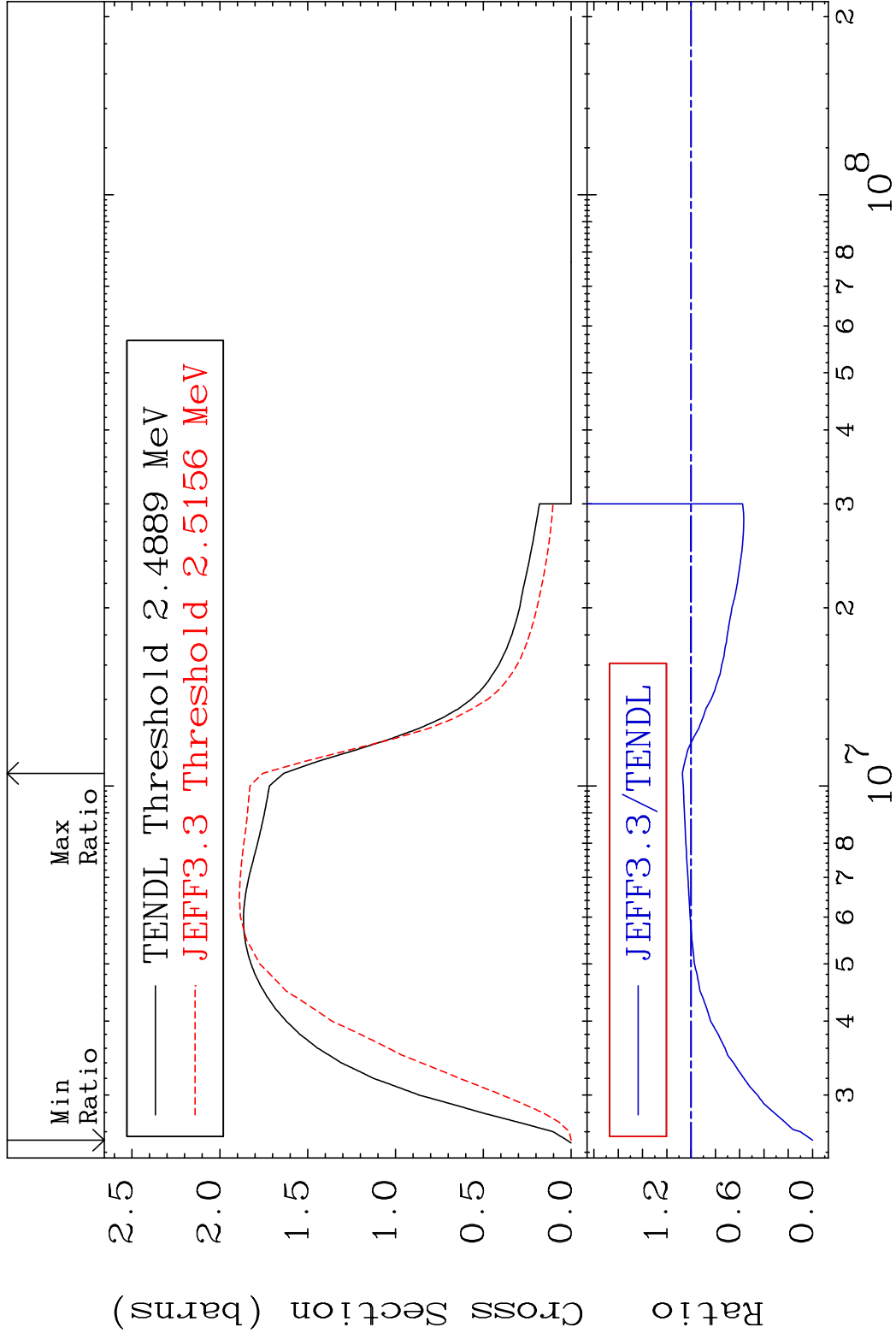


MAT 4631

(n, n') Continuum

46-Pd-104

Cross Section -100.0 To 7.239 %



36

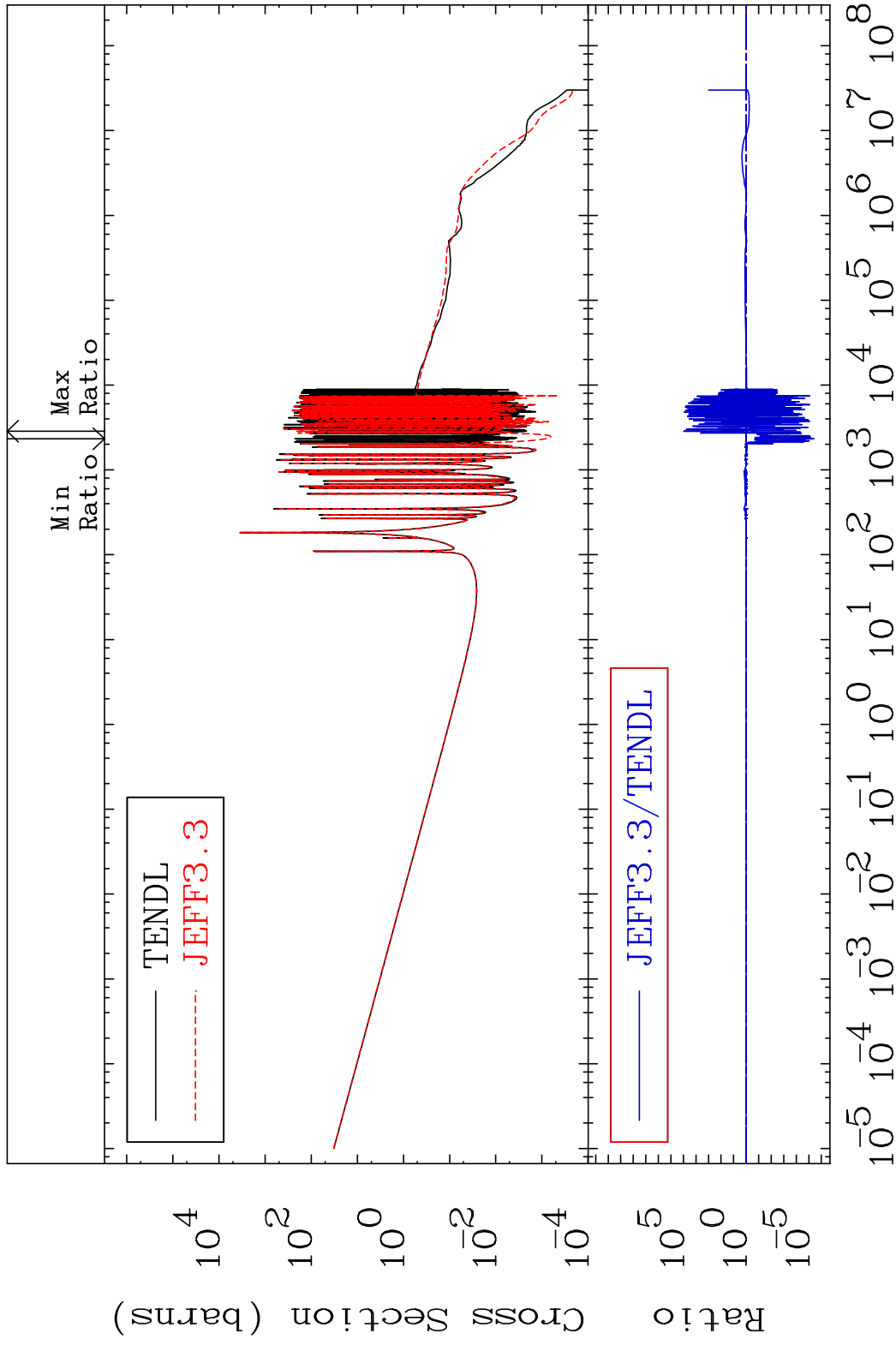
Incident Energy (eV)

46-Pd-104

MAT 4631

(n,  $\gamma$ )  
Cross Section -100.0 To 9999. %

46-Pd-104



37

Incident Energy (eV)

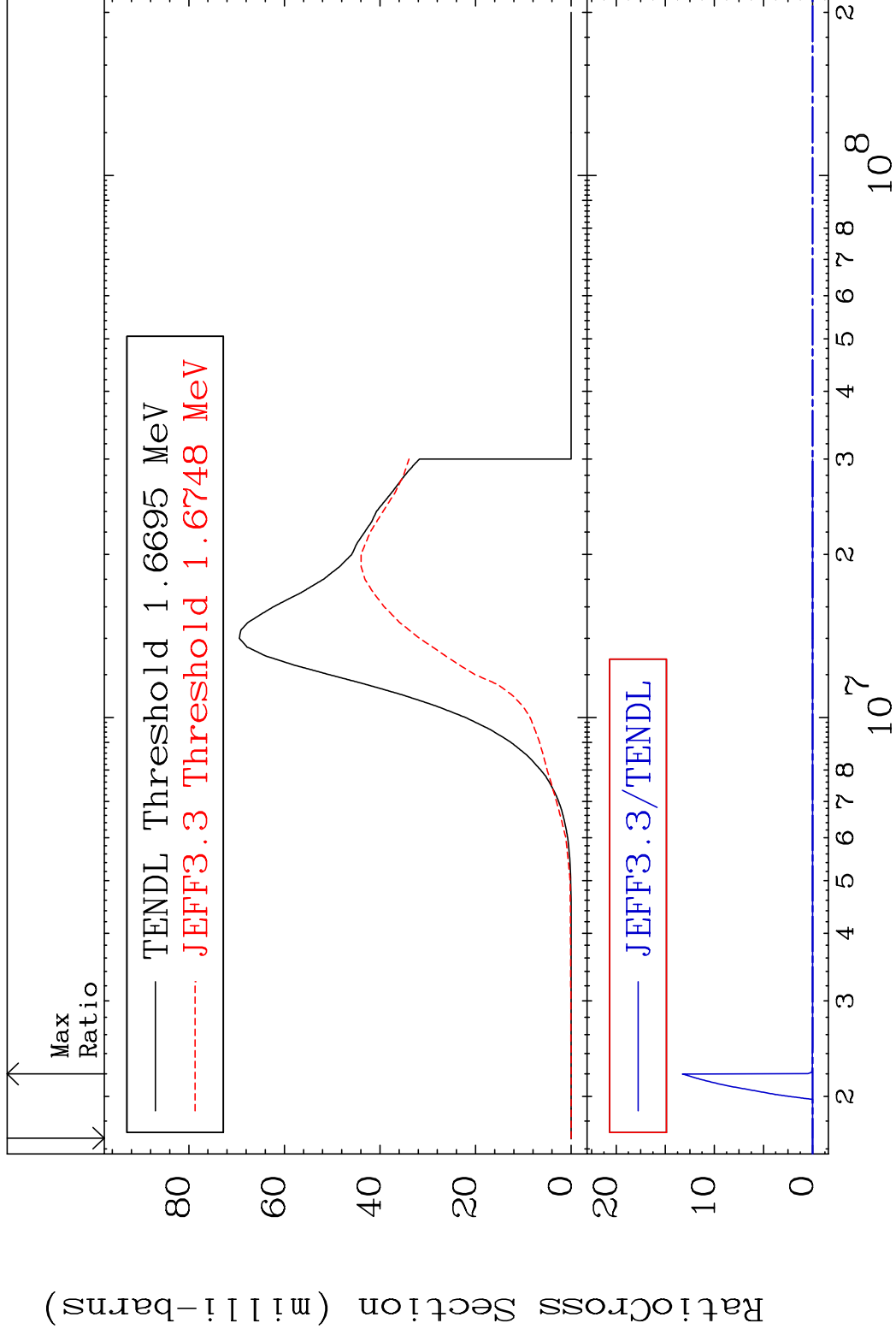
46-Pd-104

MAT 4631

(n,p)

46-Pd-104

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

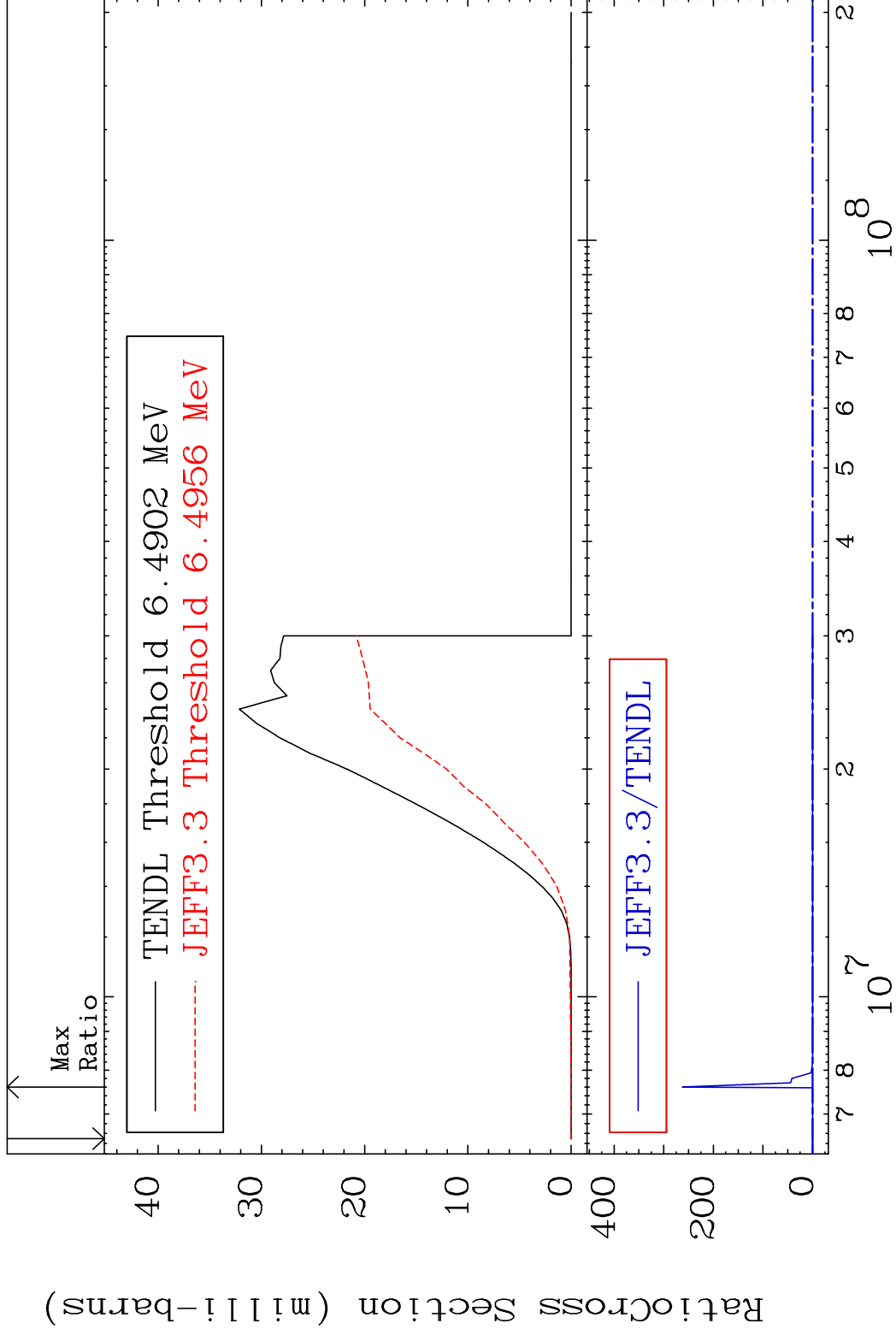
46-Pd-104

MAT 4631

(n,d)

46-Pd-104

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

46-Pd-104

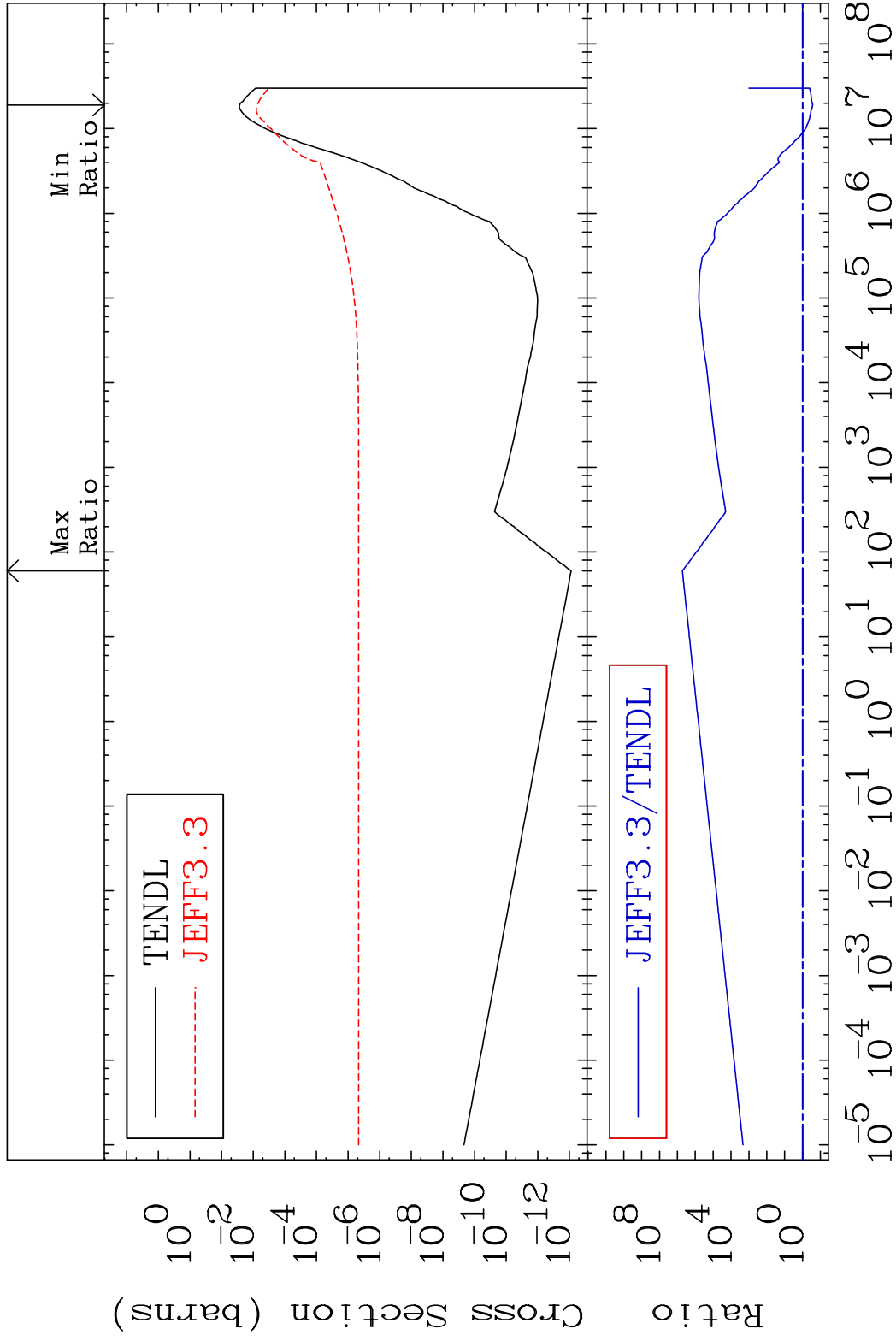


MAT 4631

(n,  $\alpha$ )

46-Pd-104

Cross Section -72.57 To 9999. %

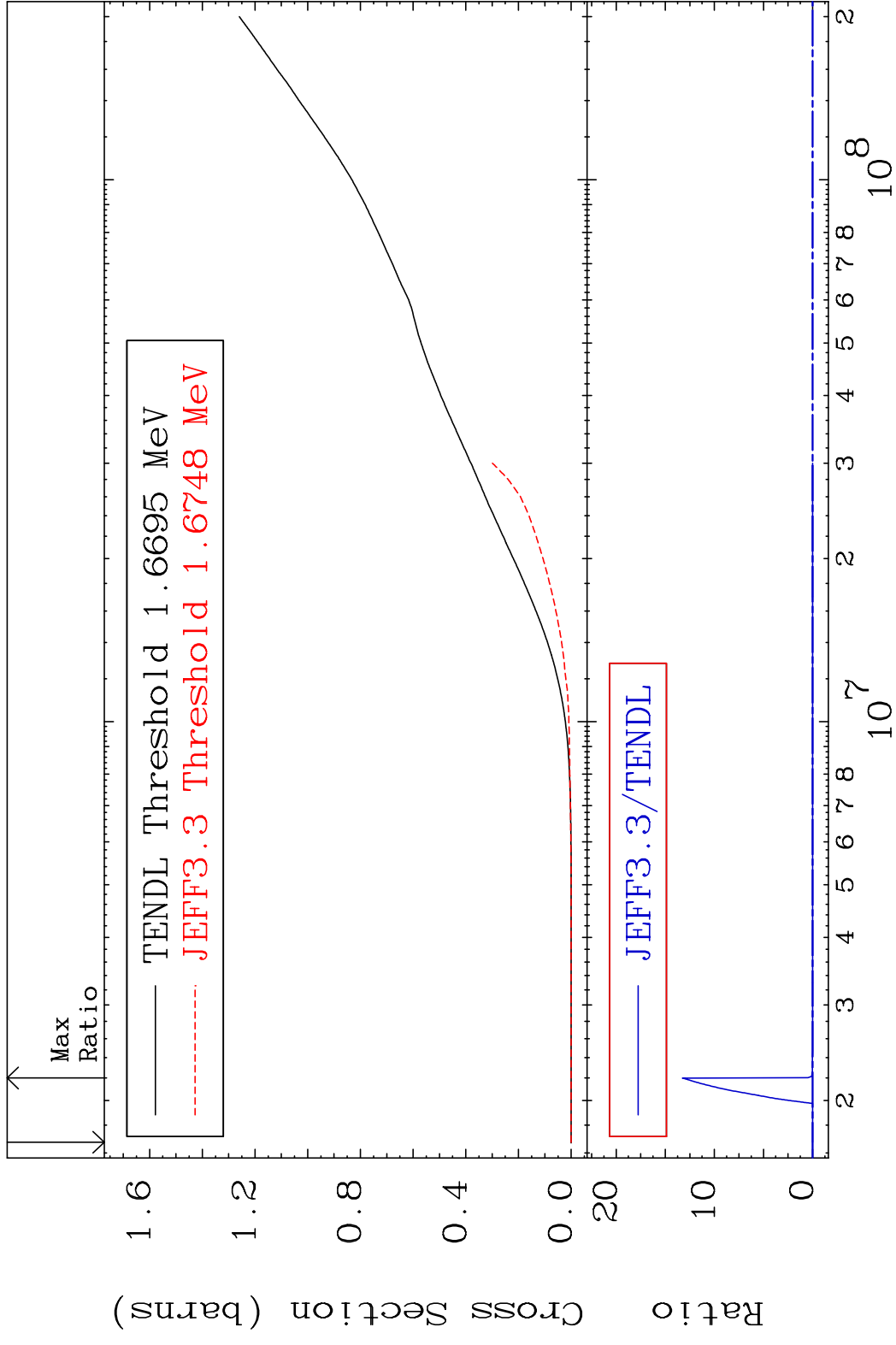


40

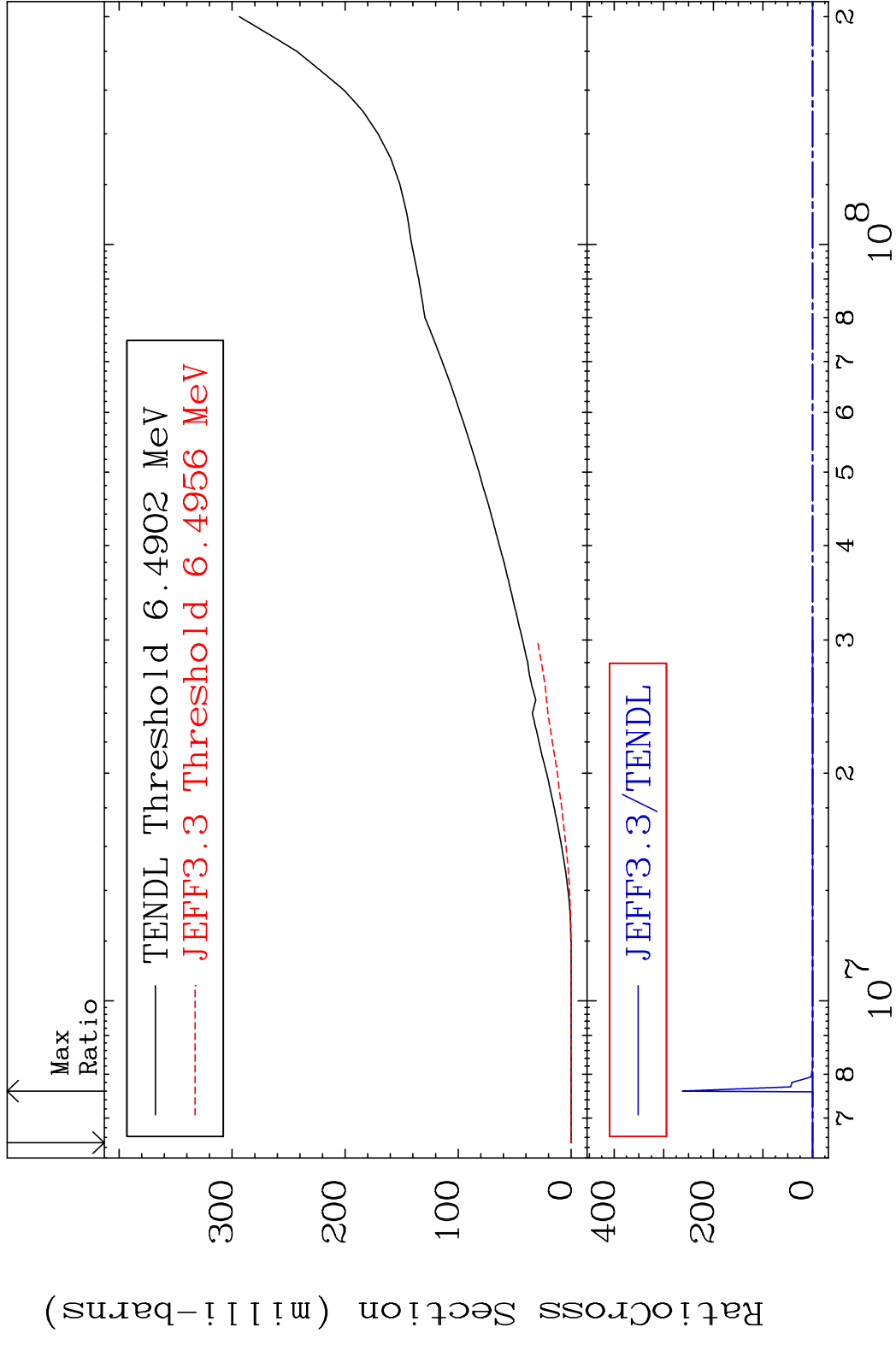
Incident Energy (eV)

46-Pd-104

MAT 4631 Hydrogen Production 46-Pd-104  
 Cross Section -100.0 To 9999. %



MAT 4631 Deuterium Production 46-Pd-104  
 Cross Section -100.0 To 9999. %



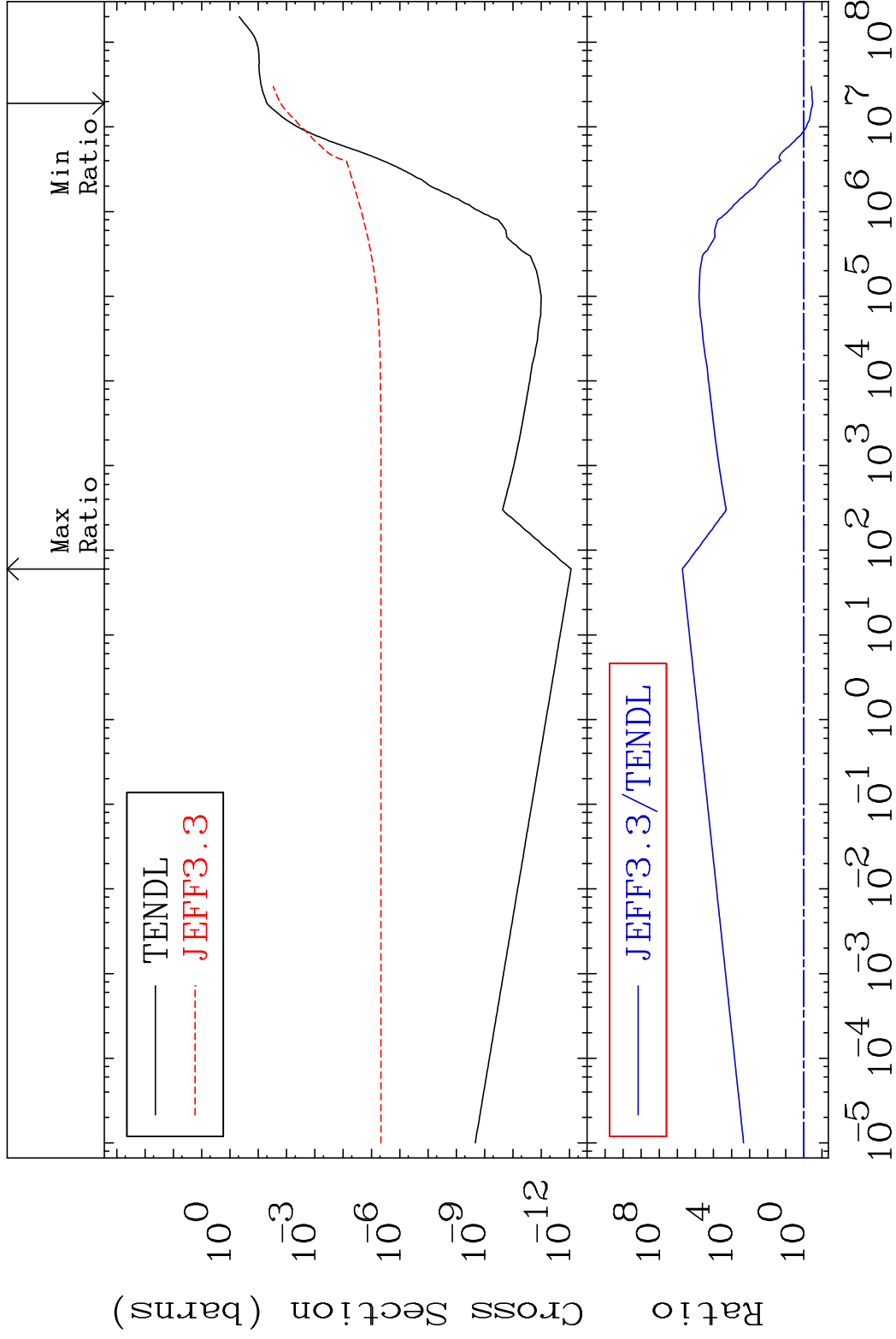
42 Incident Energy (eV) 46-Pd-104

MAT 4631

He-4 Production

46-Pd-104

Cross Section -67.22 To 9999. %

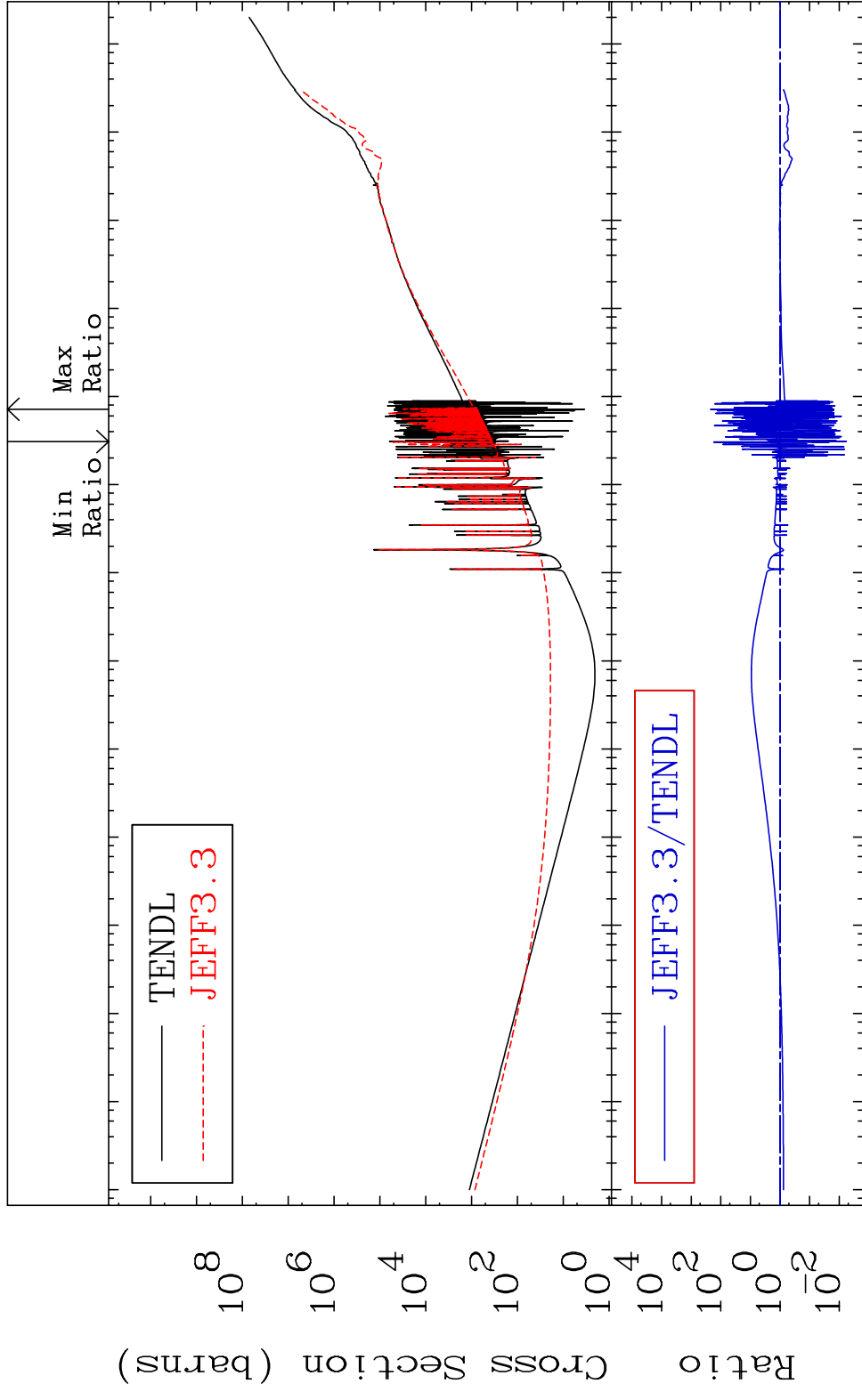


43

Incident Energy (eV)

46-Pd-104

MAT 4631 Kerma total (eV-barns) 46-Pd-104  
 Cross Section -99.42 To 9999. %



10<sup>8</sup>  
 10<sup>6</sup>  
 10<sup>4</sup>  
 10<sup>2</sup>  
 10<sup>0</sup>  
 10<sup>-2</sup>

Ratio

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>

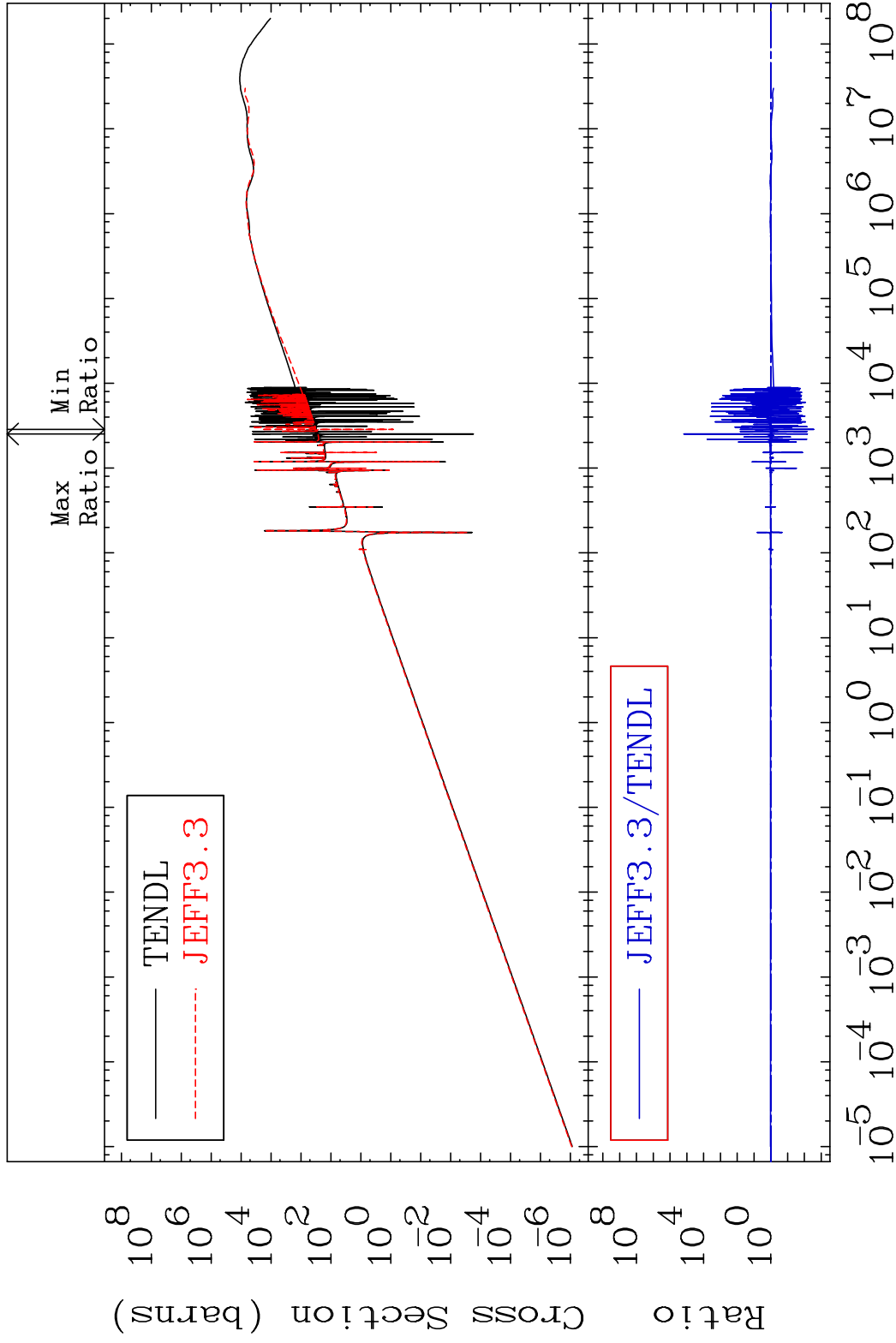
Incident Energy (eV)

MAT 4631

Kerma elastic

46-Pd-104

Cross Section -99.74 To 9999. %

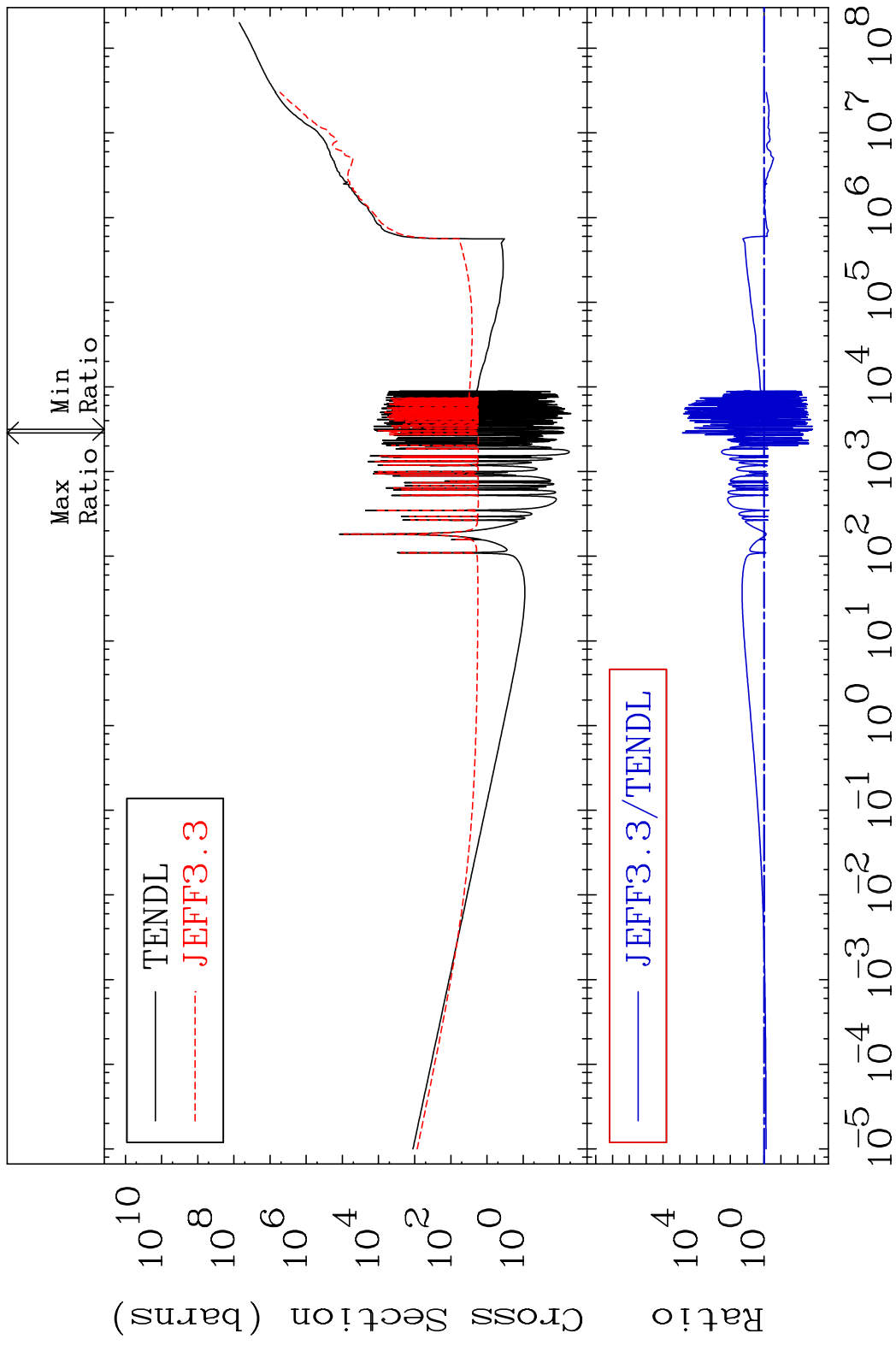


45

Incident Energy (eV)

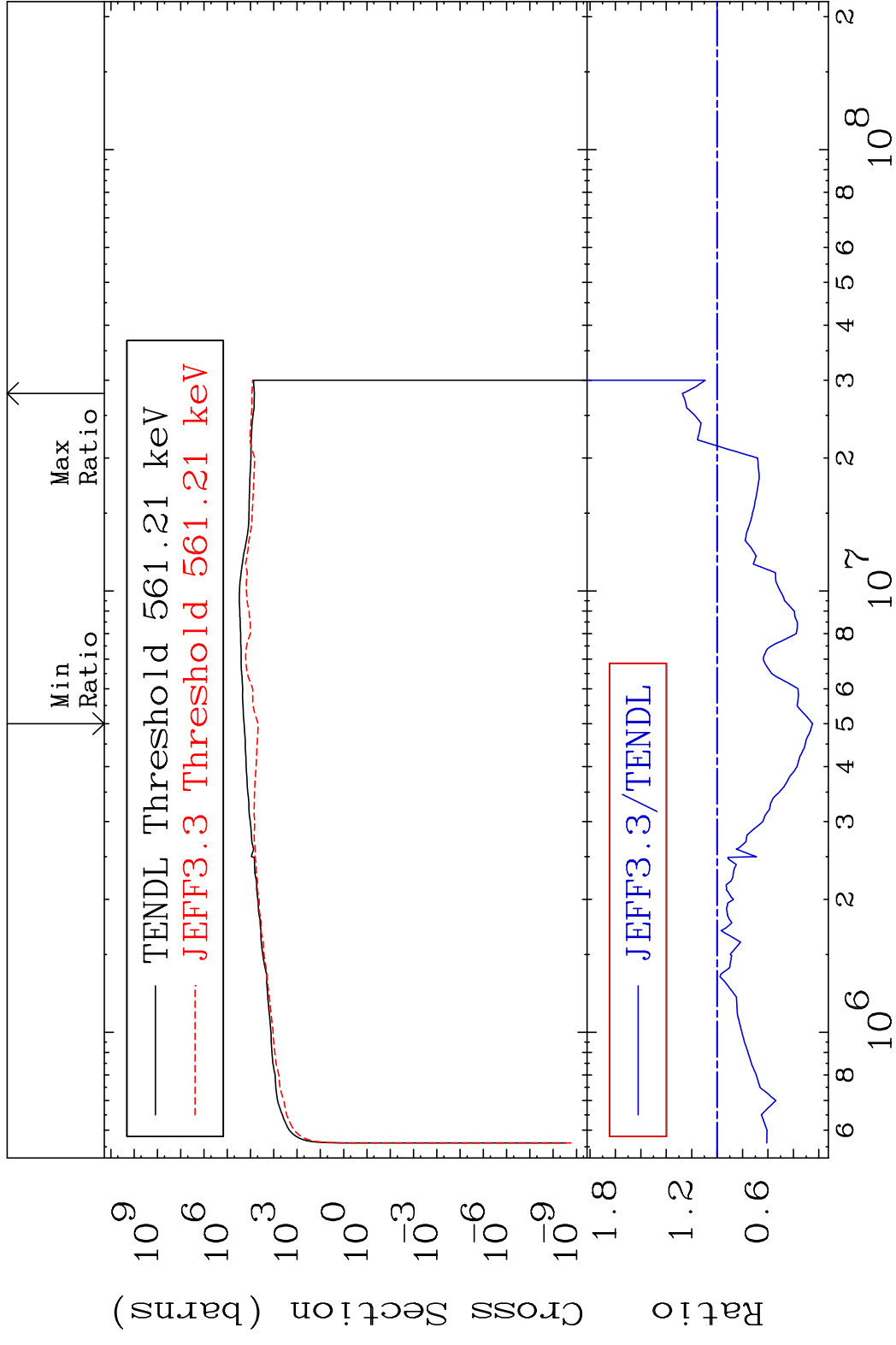
46-Pd-104

MAT 4631 Kerma non-elastic (all but mt2) 46-Pd-104  
 Cross Section -99.87 To 9999. %



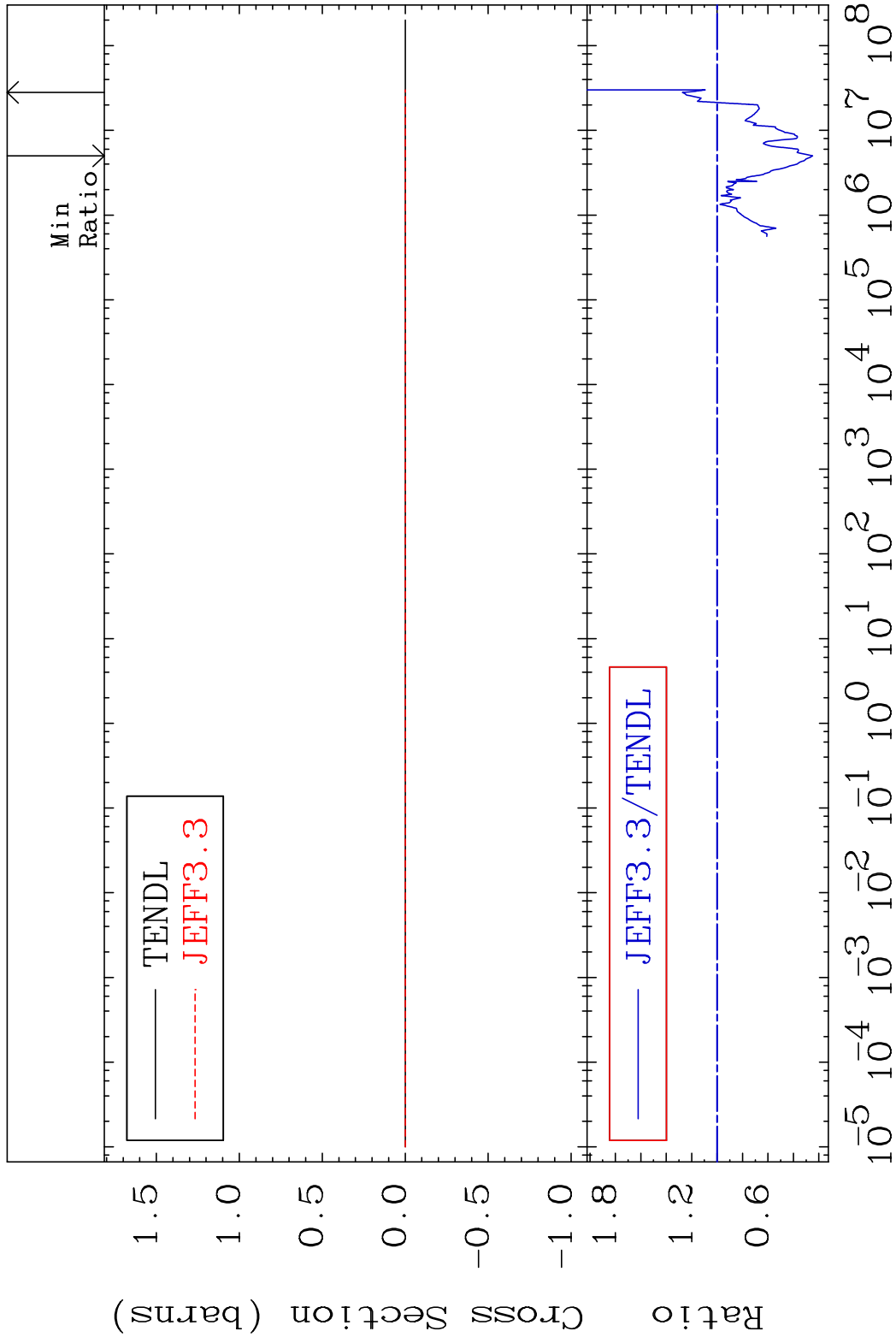
46 Incident Energy (eV) 46-Pd-104

MAT 4631 Kerma inelastic (mt51-91) 46-Pd-104  
 Cross Section -75.06 To 27.32 %





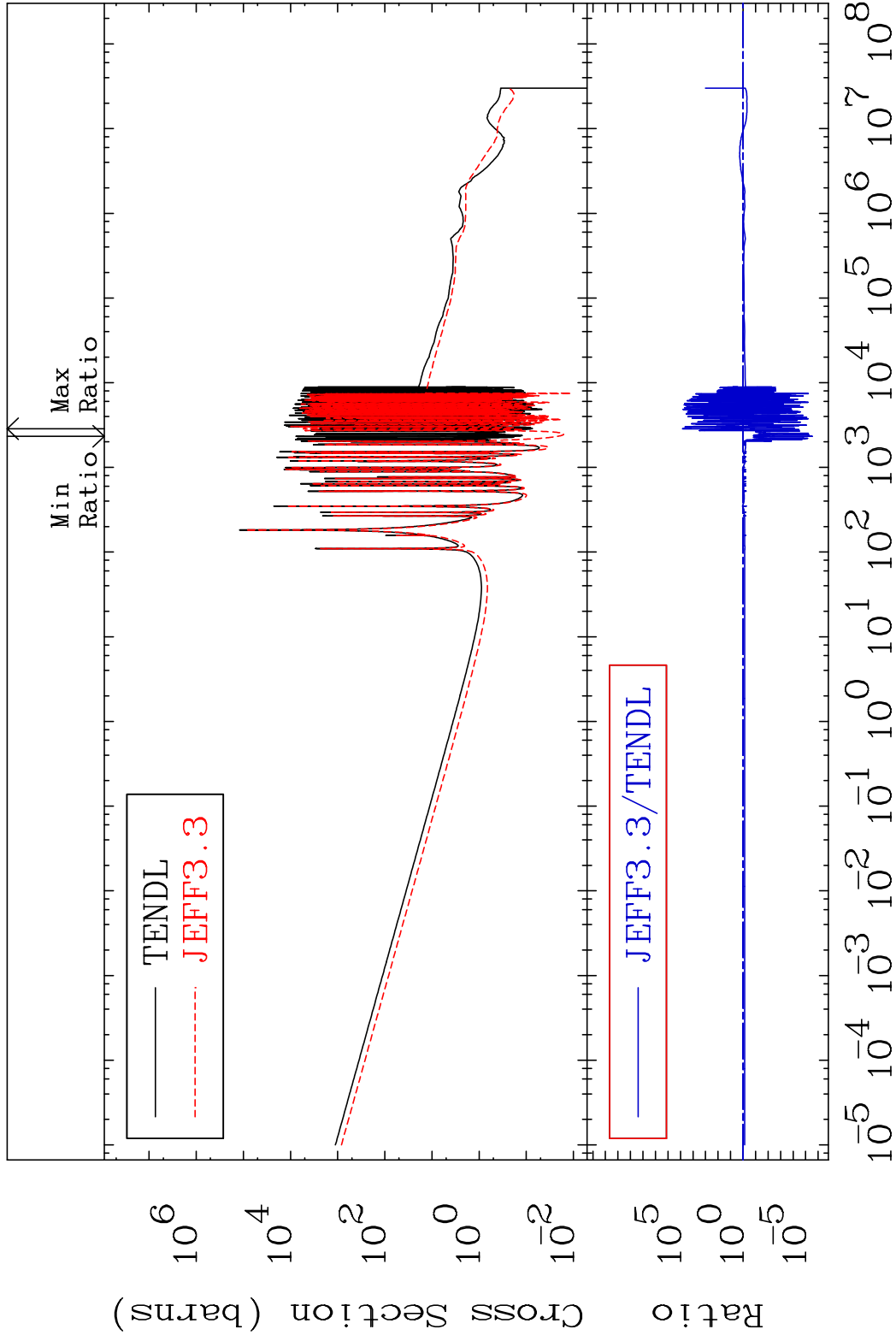
MAT 4631 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-104  
 Cross Section -75.06 To 27.32 %



MAT 4631

Kerma capture (mt102) 46-Pd-104

Cross Section -100.0 To 9999. %

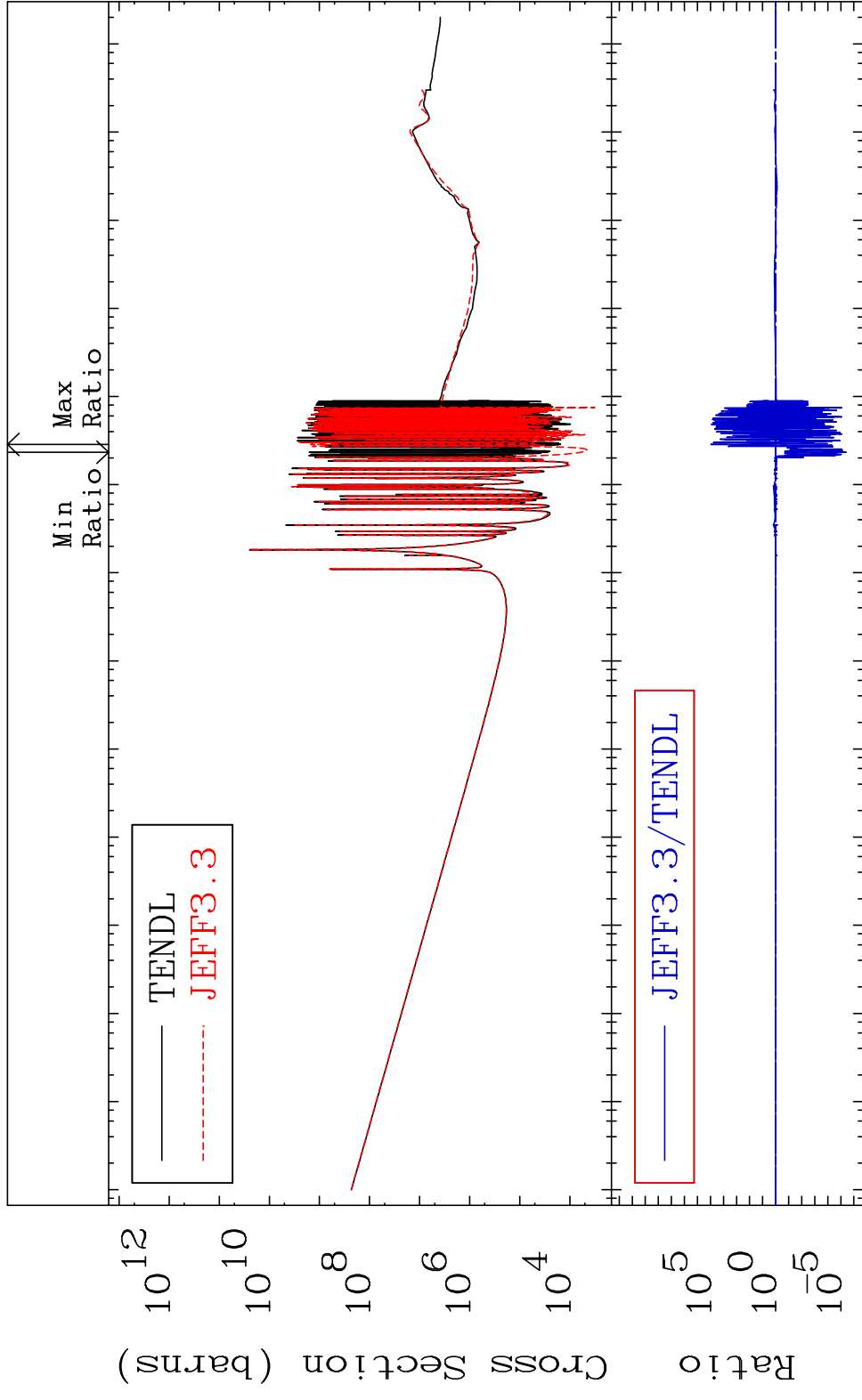


49

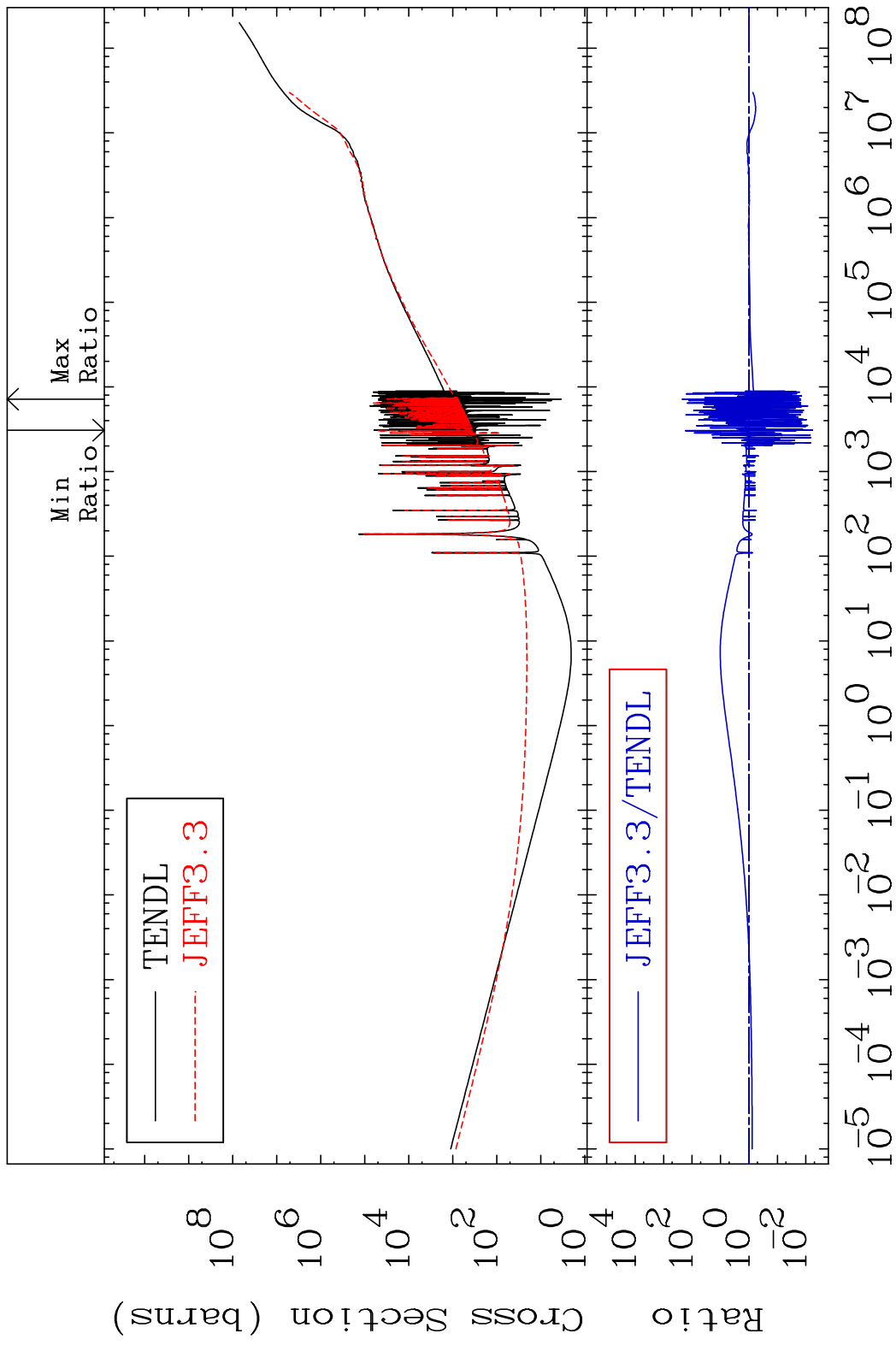
Incident Energy (eV)

46-Pd-104

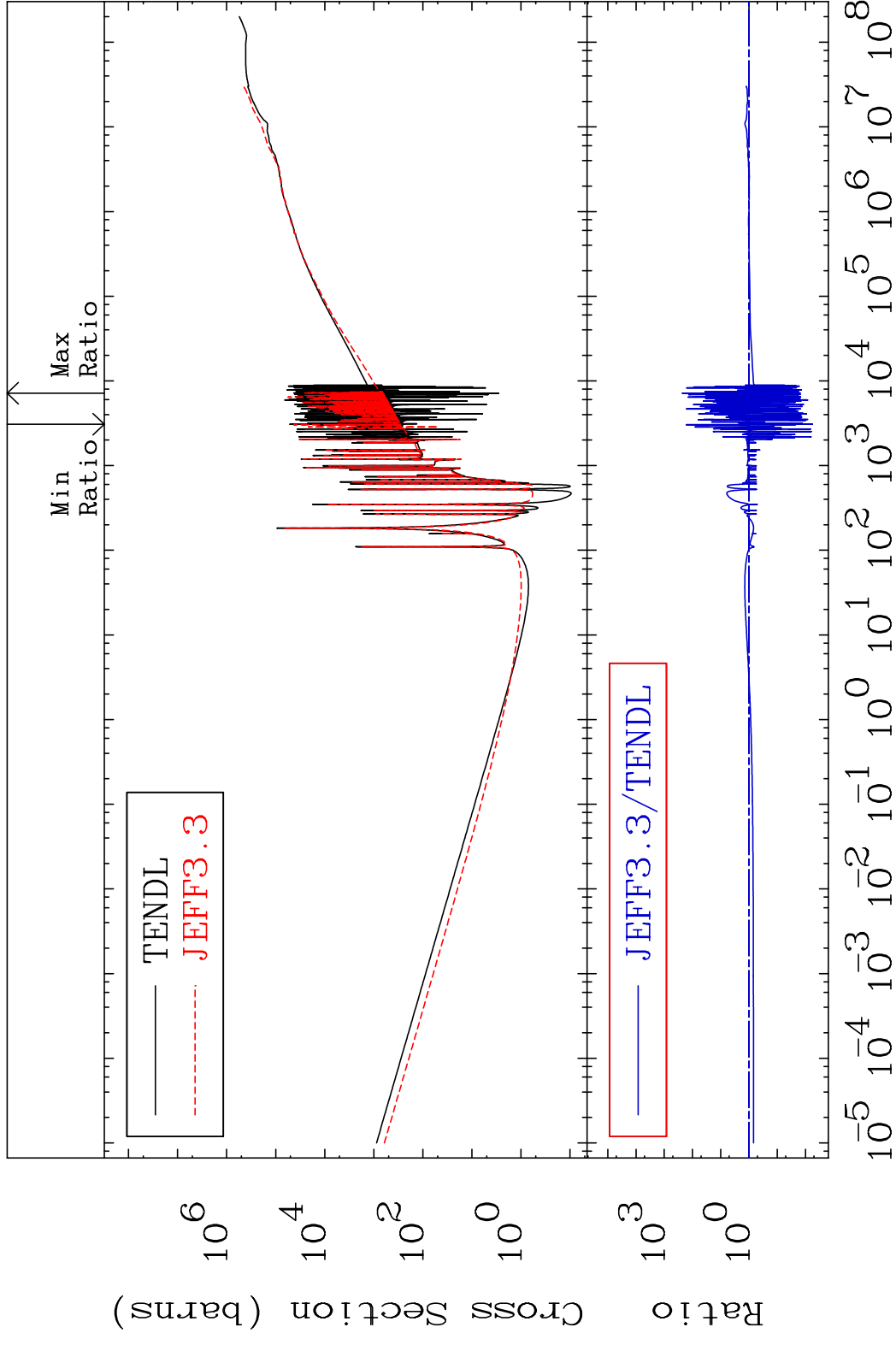
MAT 4631 Total photon (eV-barns) 46-Pd-104  
Cross Section -100.0 To 9999. %



MAT 4631 Total kinematic kerma (high limit) 46-Pd-104  
 Cross Section -99.42 To 9999. %



MAT 4631      Dpa total (eV-barns)      46-Pd-104  
 Cross Section      -99.44 To 9999. %

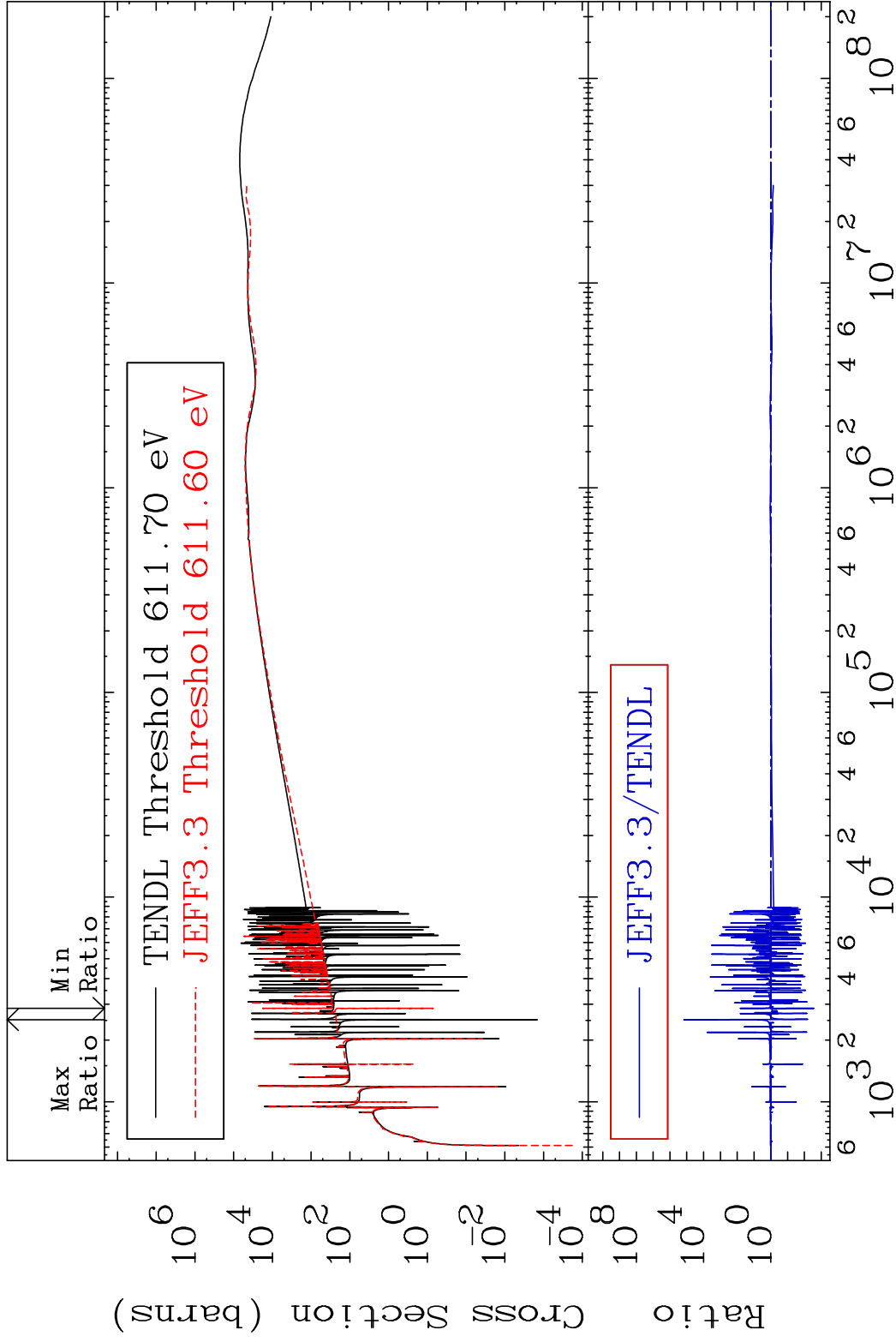


MAT 4631

Dpa elastic (mt2)

46-Pd-104

Cross Section -99.73 To 9999. %

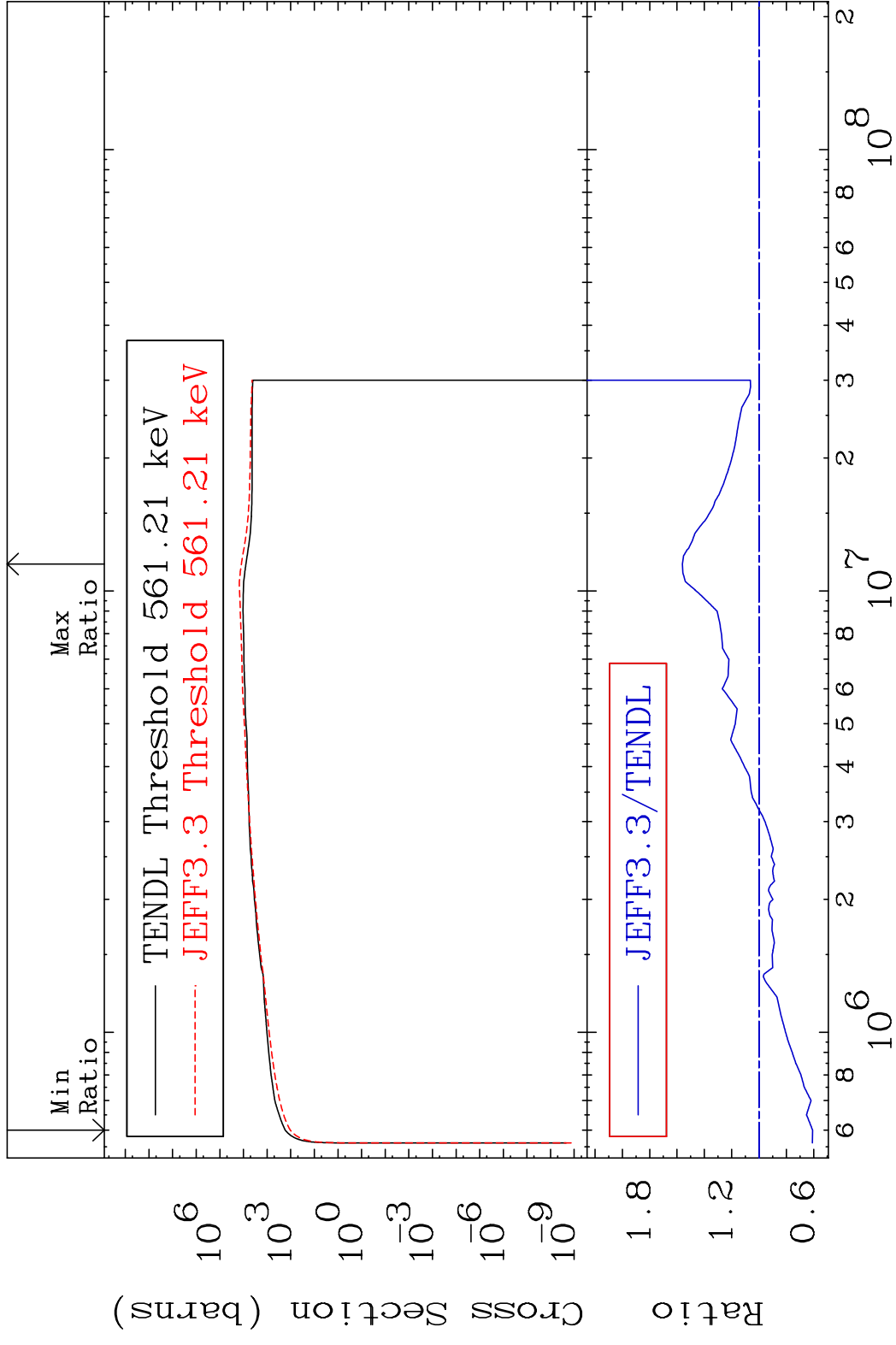


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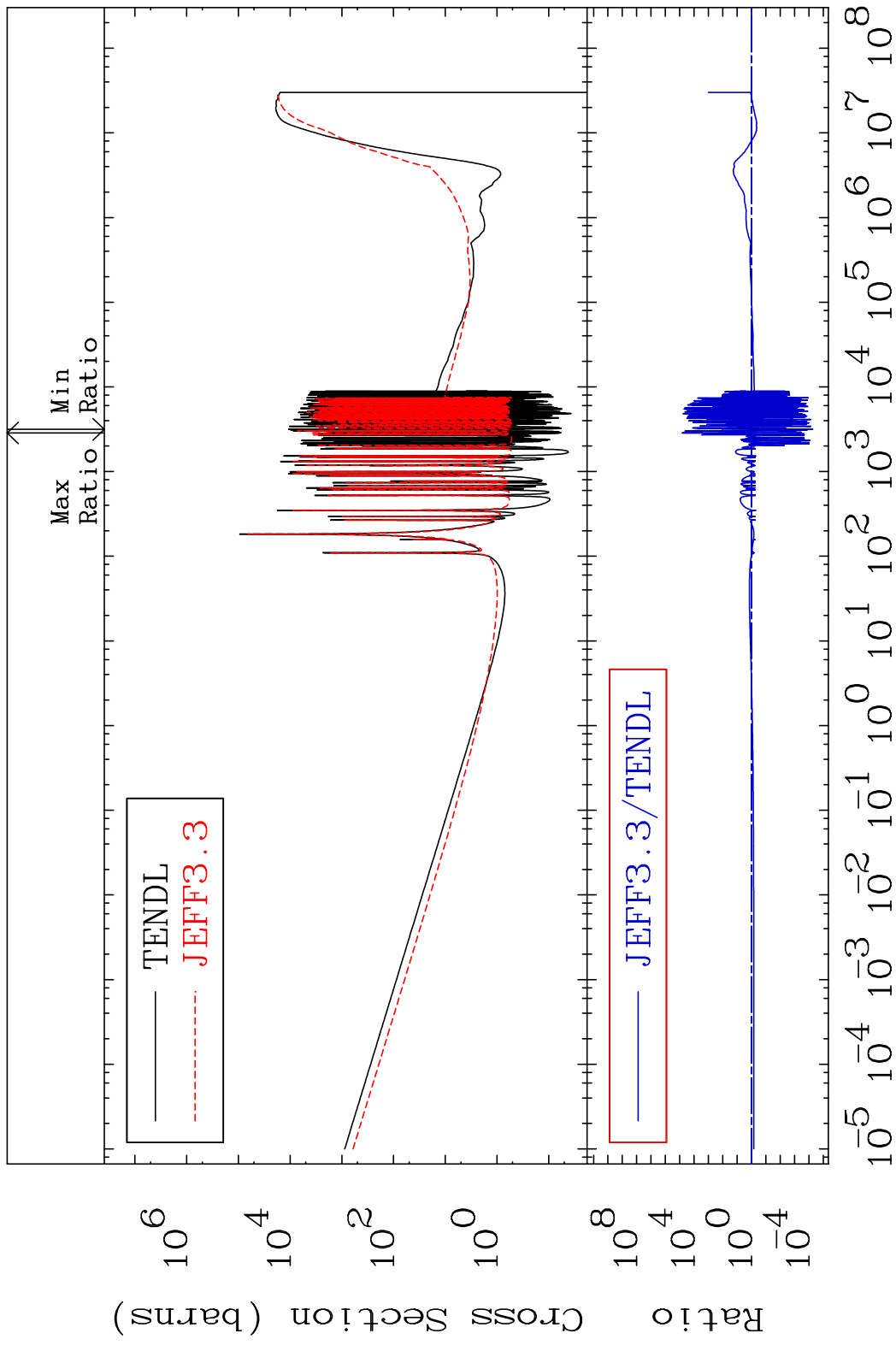
Incident Energy (eV)

46-Pd-104

MAT 4631 Dpa inelastic (mt51-91) 46-Pd-104  
 Cross Section -39.21 To 56.08 %



MAT 4631 Dpa disappearance (mt102 -120) 46-Pd-104  
 Cross Section -99.99 To 9999. %



55 Incident Energy (eV) 46-Pd-104