

Program Complot  
(Version 2021-1)

by

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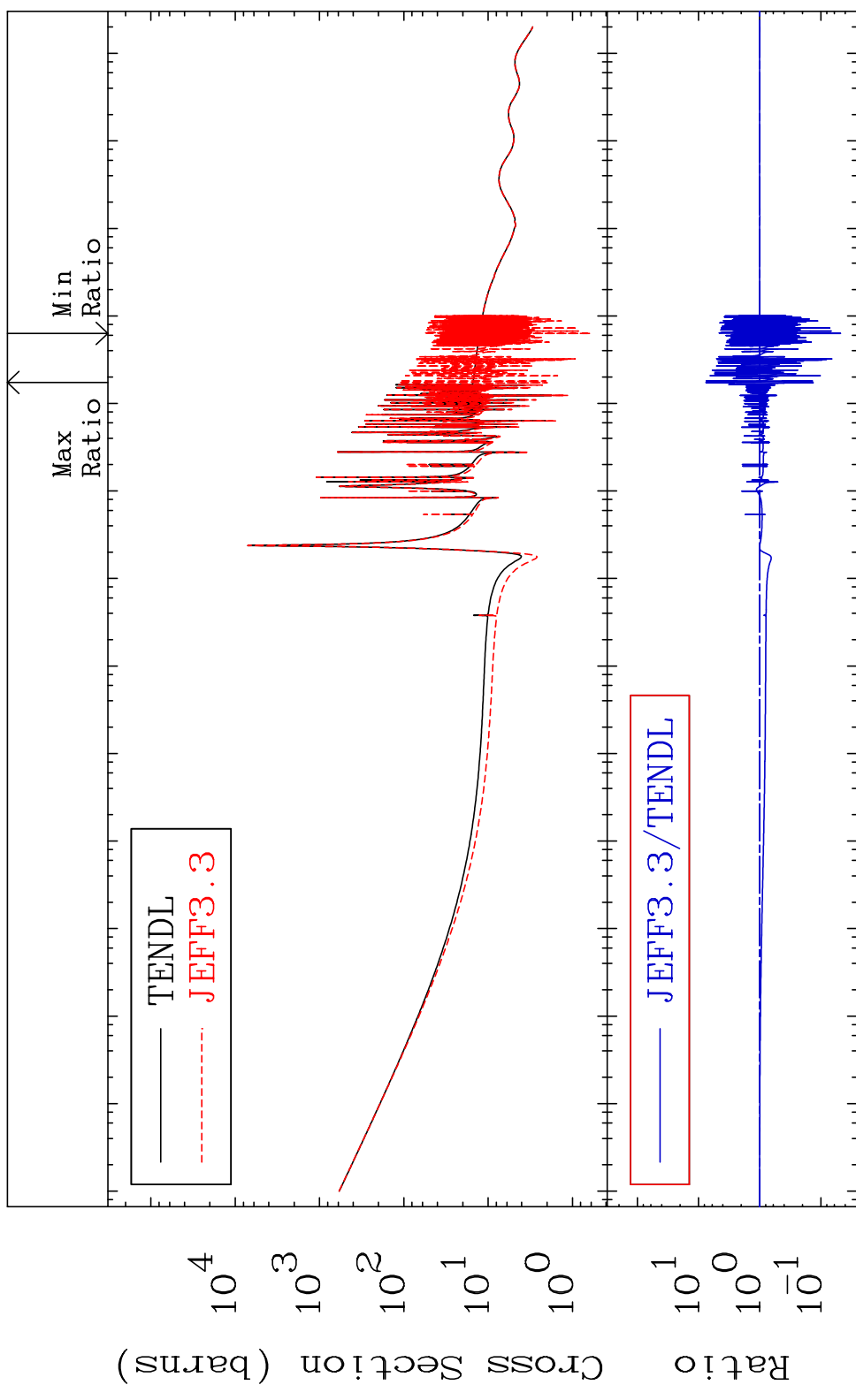
Press Mouse Button to Start

MAT 8125

Total

81-T1-203

Cross Section -95.21 To 660.9 %



1

Incident Energy (eV)

81-T1-203

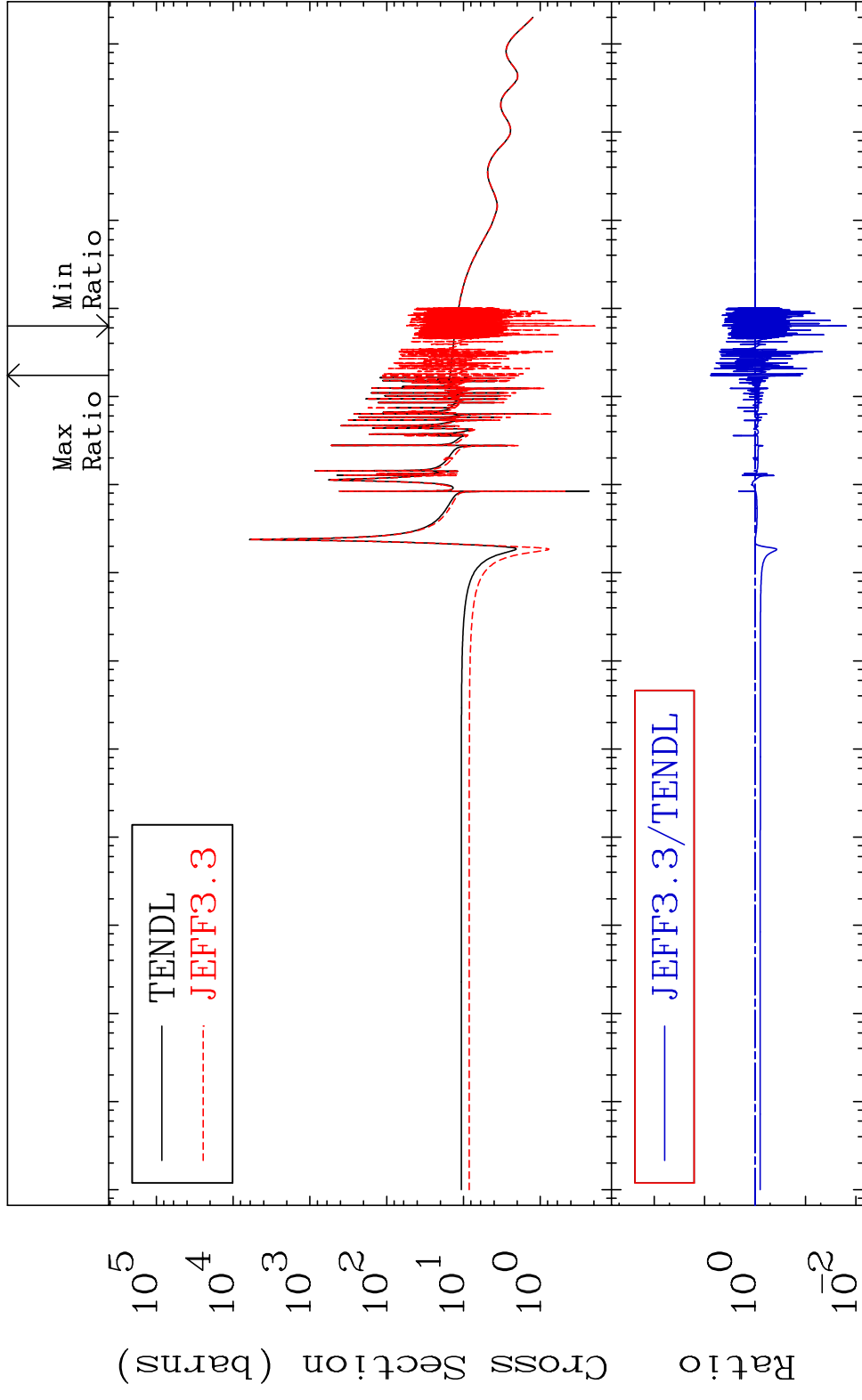
MAT 8125

Elastic

81-T1-203

Cross Section

-98.46 To 658.0 %



2

Incident Energy (eV)

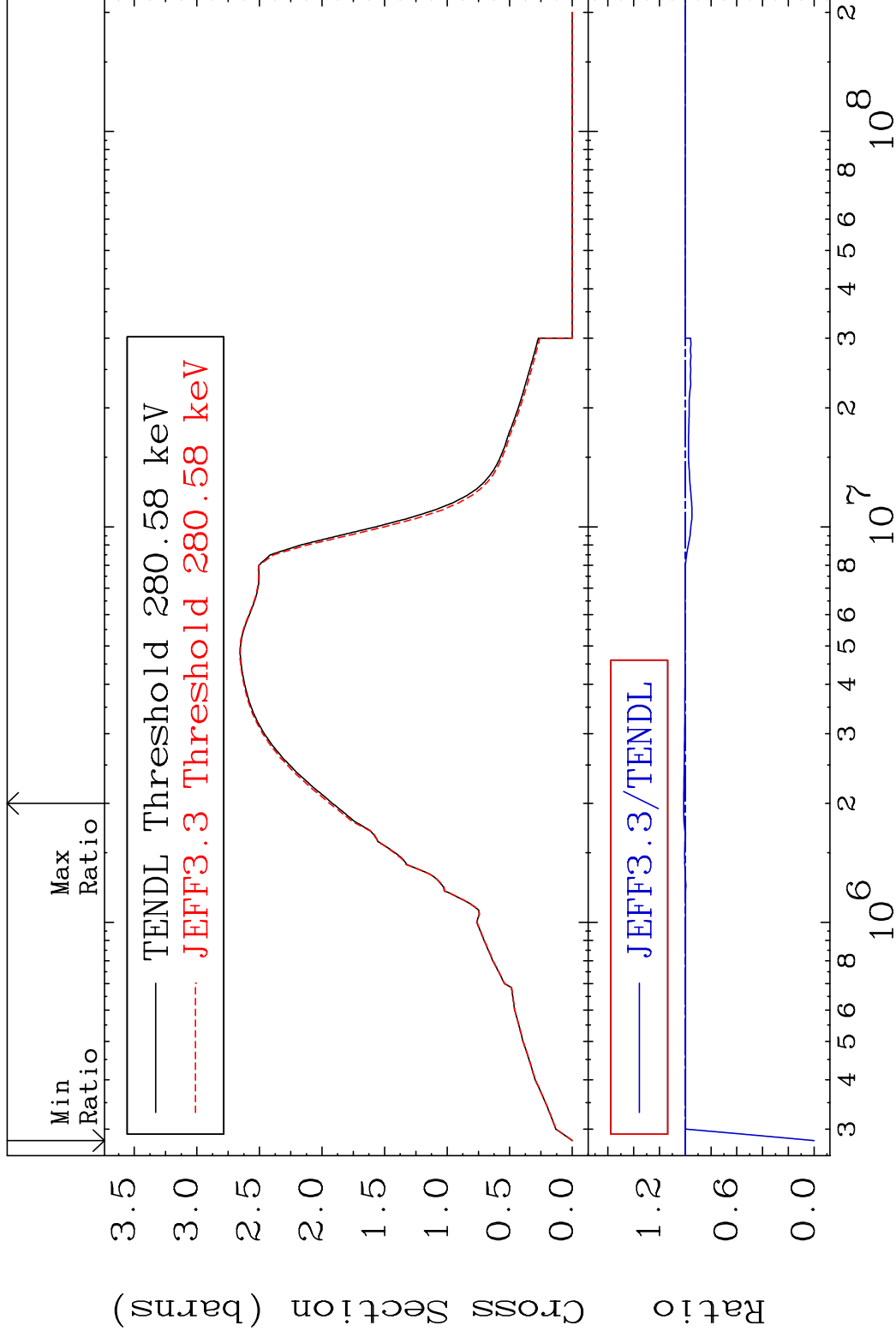
81-T1-203

MAT 8125

Inelastic

81-Tl-203

Cross Section -100.0 To 1.228 %



3

Incident Energy (eV)

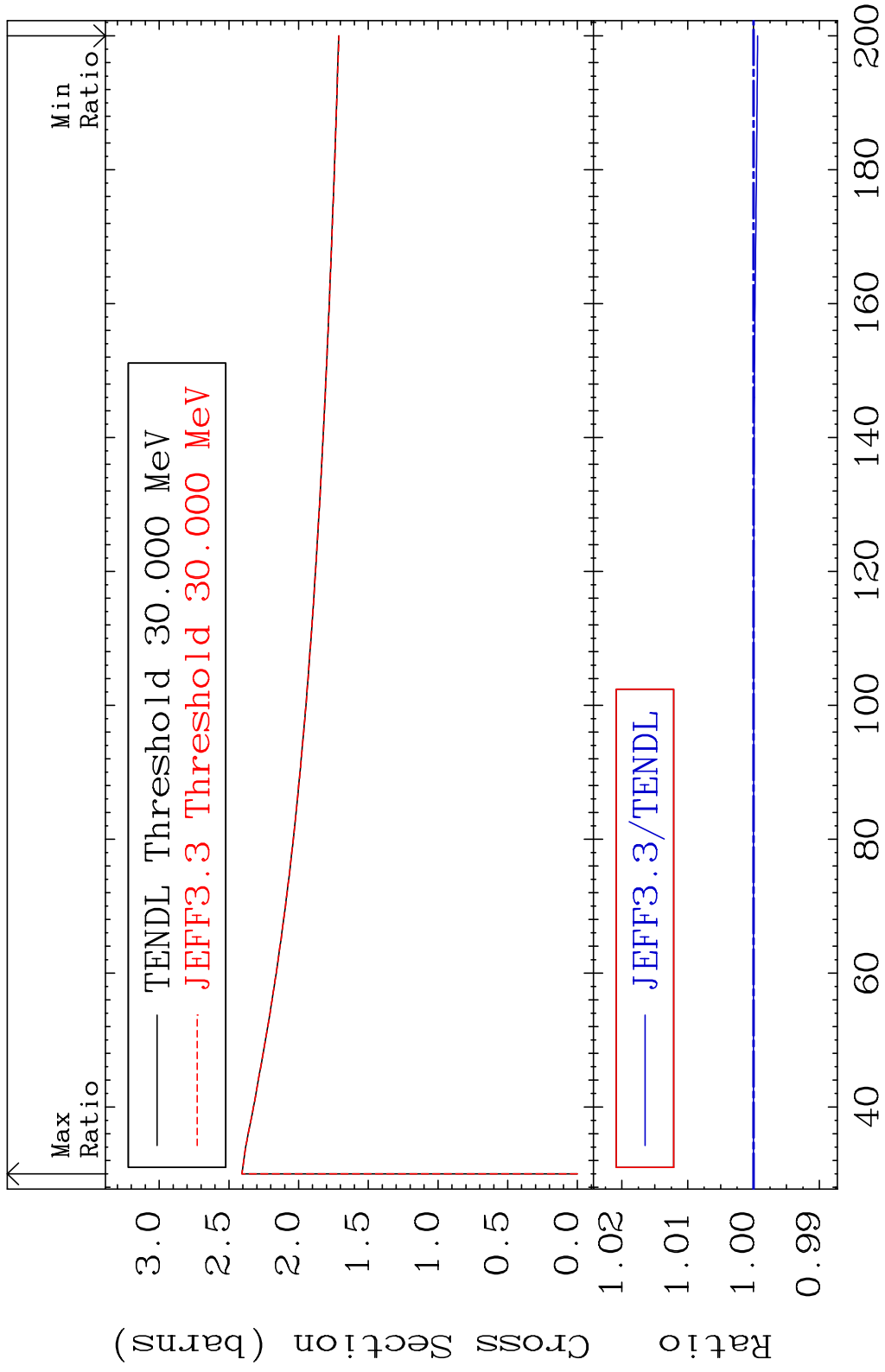
81-Tl-203

MAT 8125

(n, remainder)

81-Tl-203

Cross Section -0.062 To 0.000 %

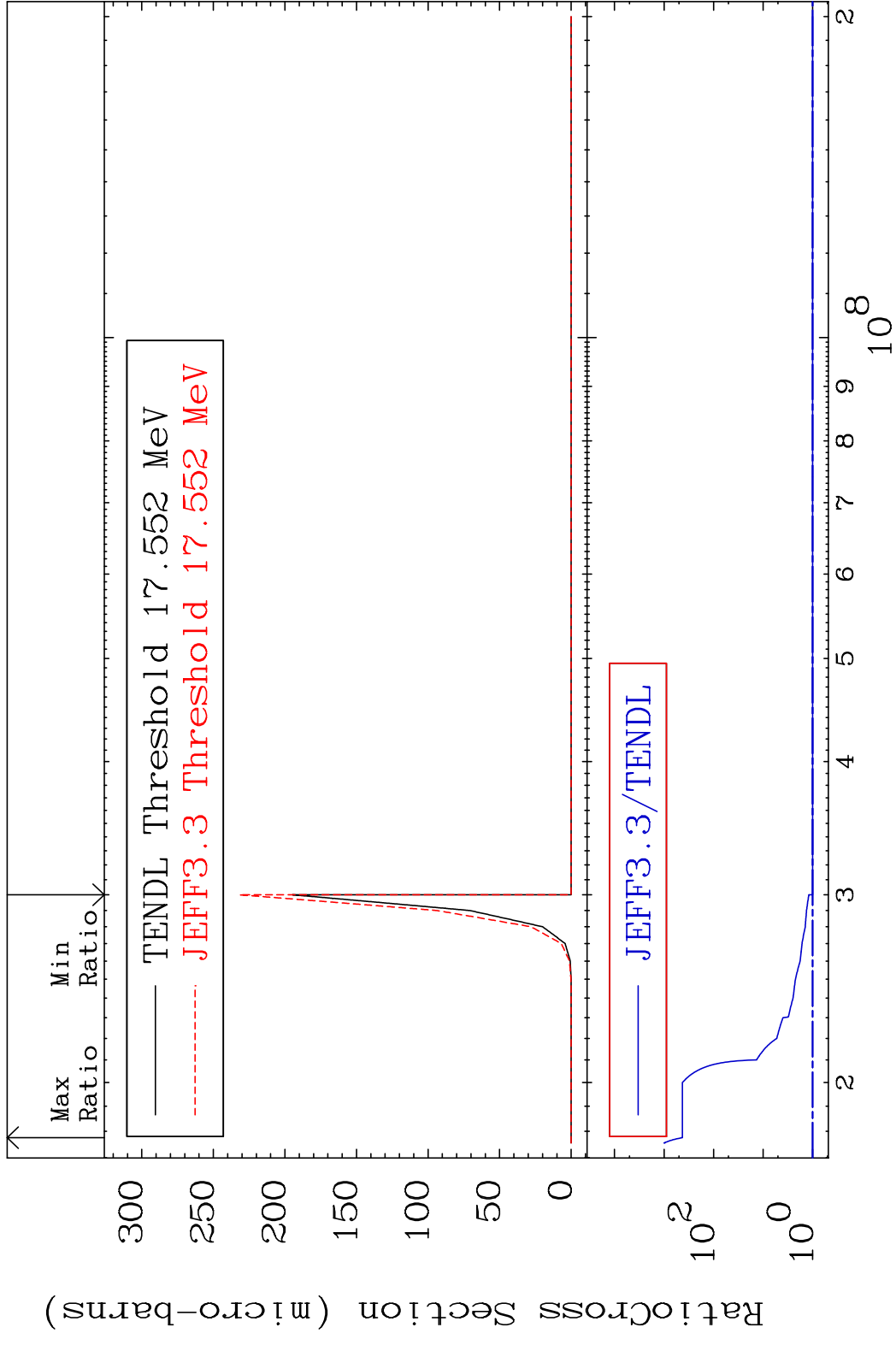


4

Incident Energy (MeV)

81-Tl-203

MAT 8125 (n,2n) d 81-Tl-203  
 Cross Section 0.000 To 9999. %

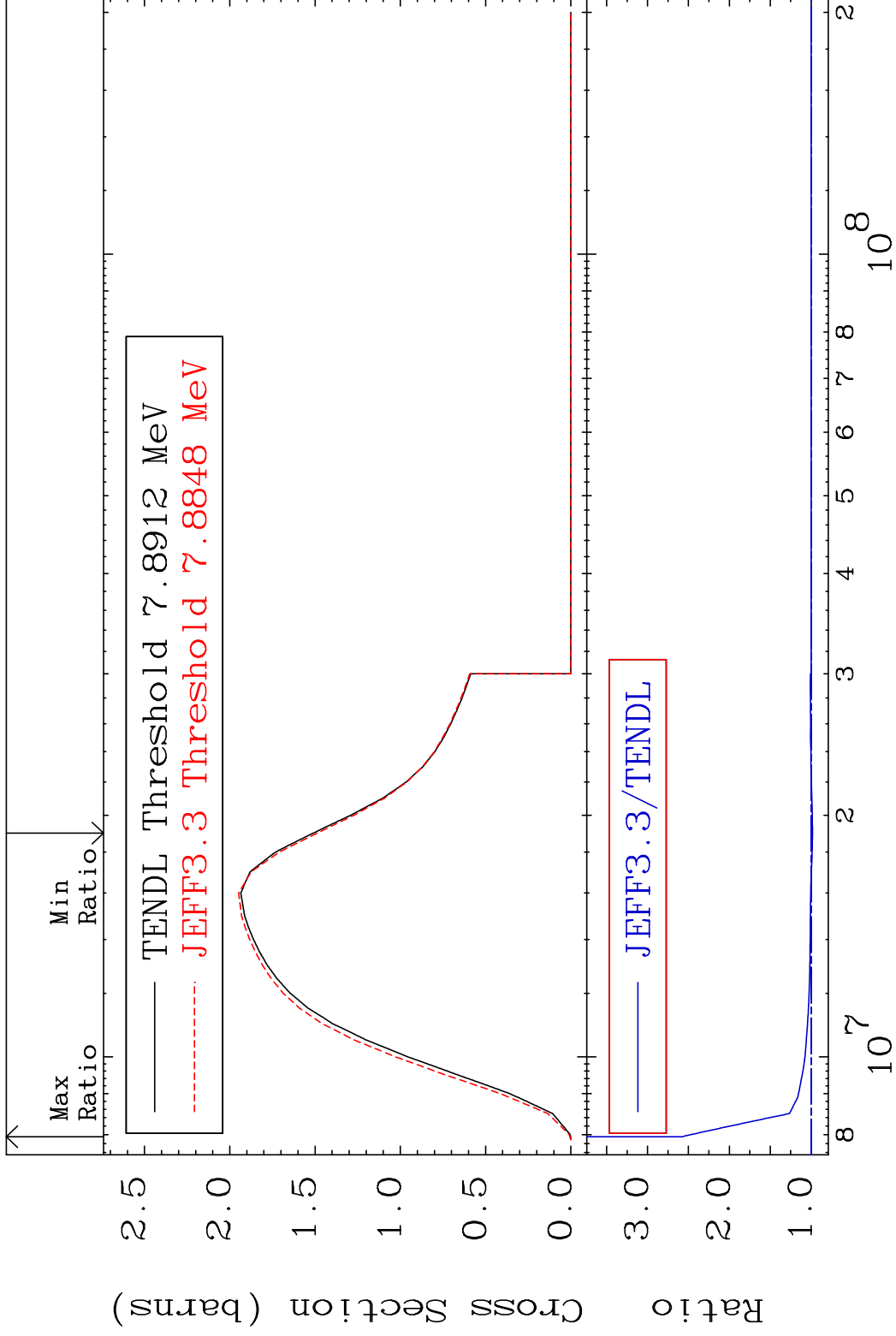


MAT 8125

(n,2n)

81-Tl-203

Cross Section -1.636 To 157.7 %



6

Incident Energy (eV)

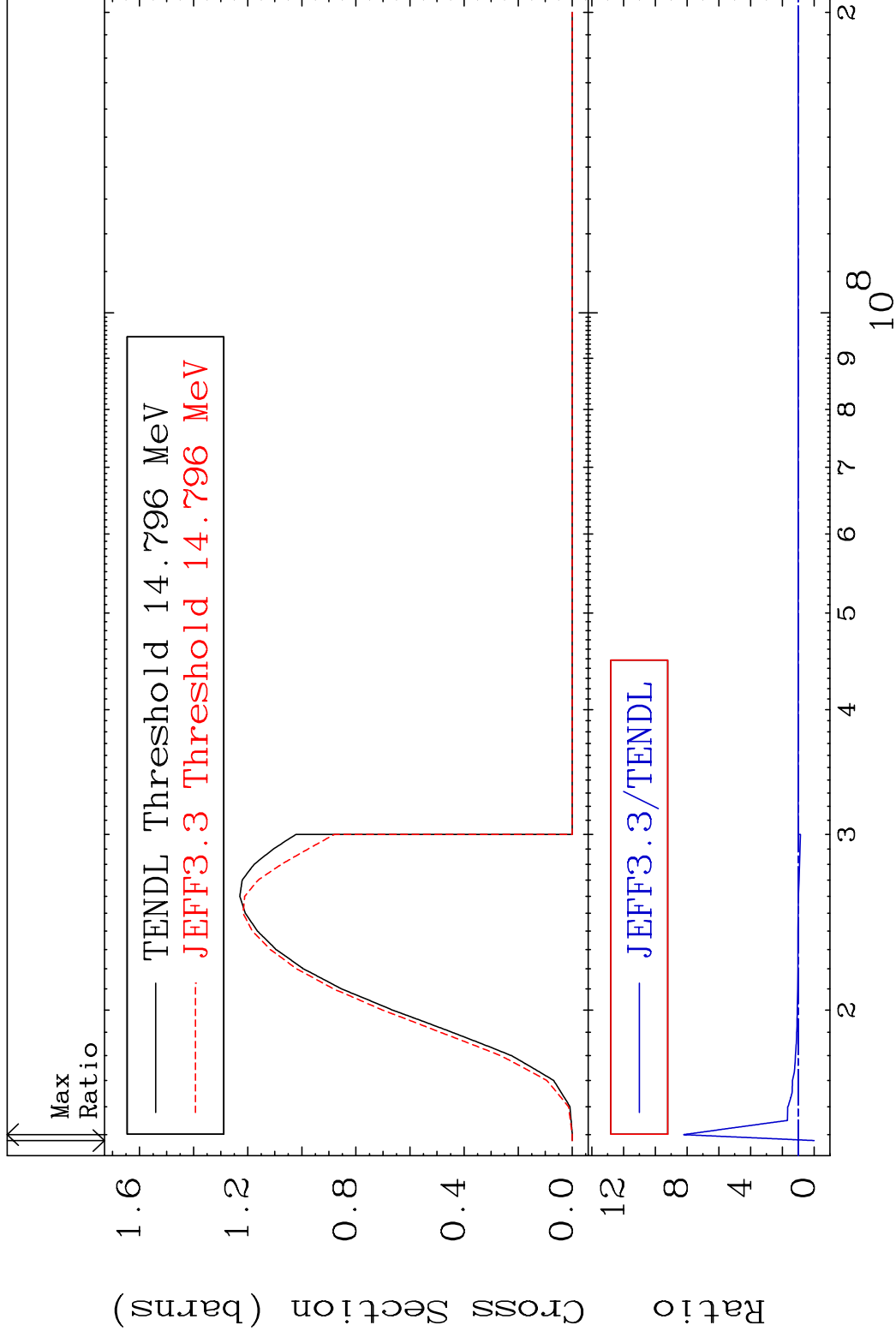
81-Tl-203

MAT 8125

(n,3n)

81-Tl-203

Cross Section -100.0 To 721.7 %



7

Incident Energy (eV)

81-Tl-203

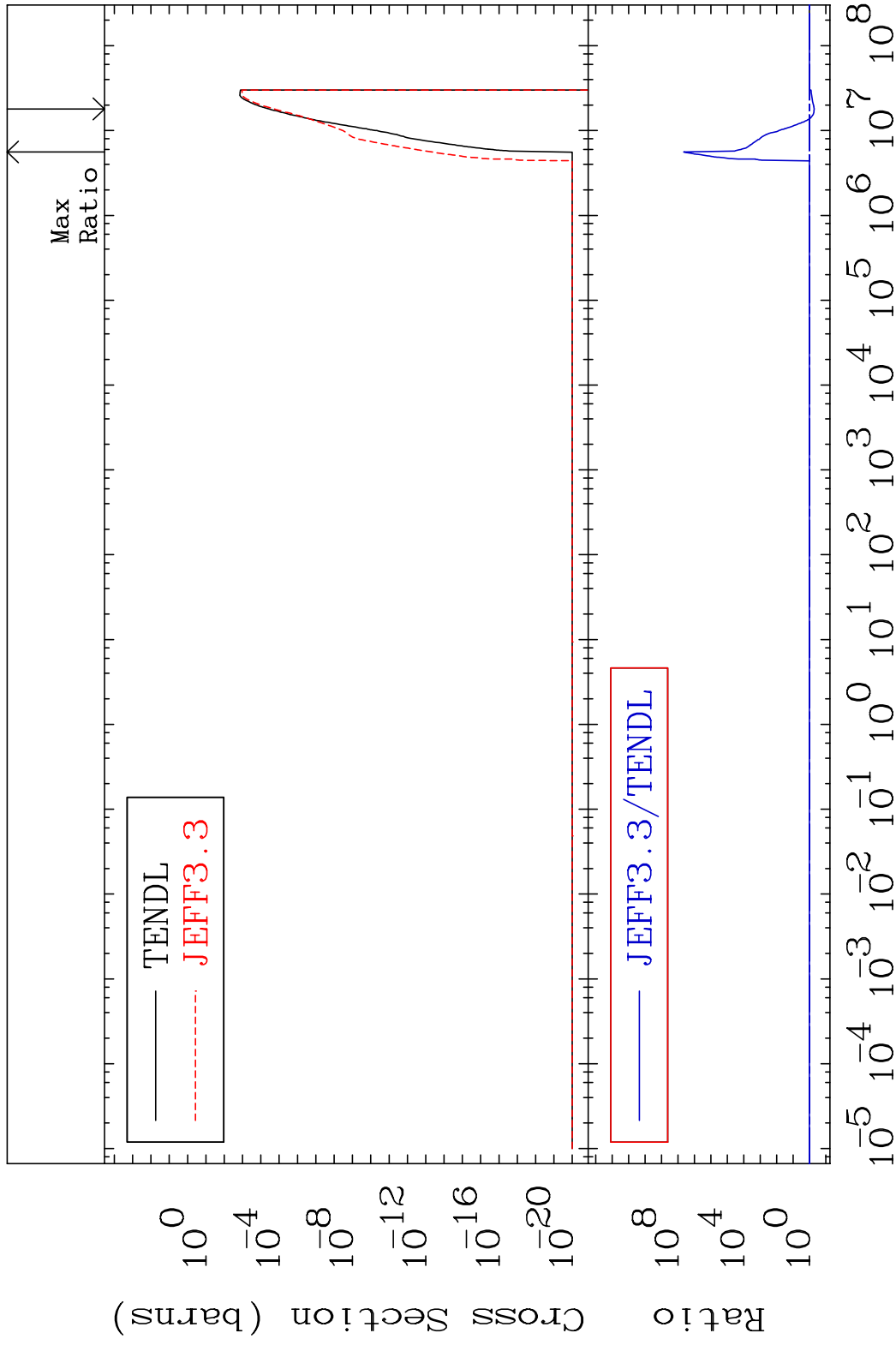


MAT 8125

(n, n')  $\alpha$

81-T1-203

Cross Section -47.84 To 9999. %

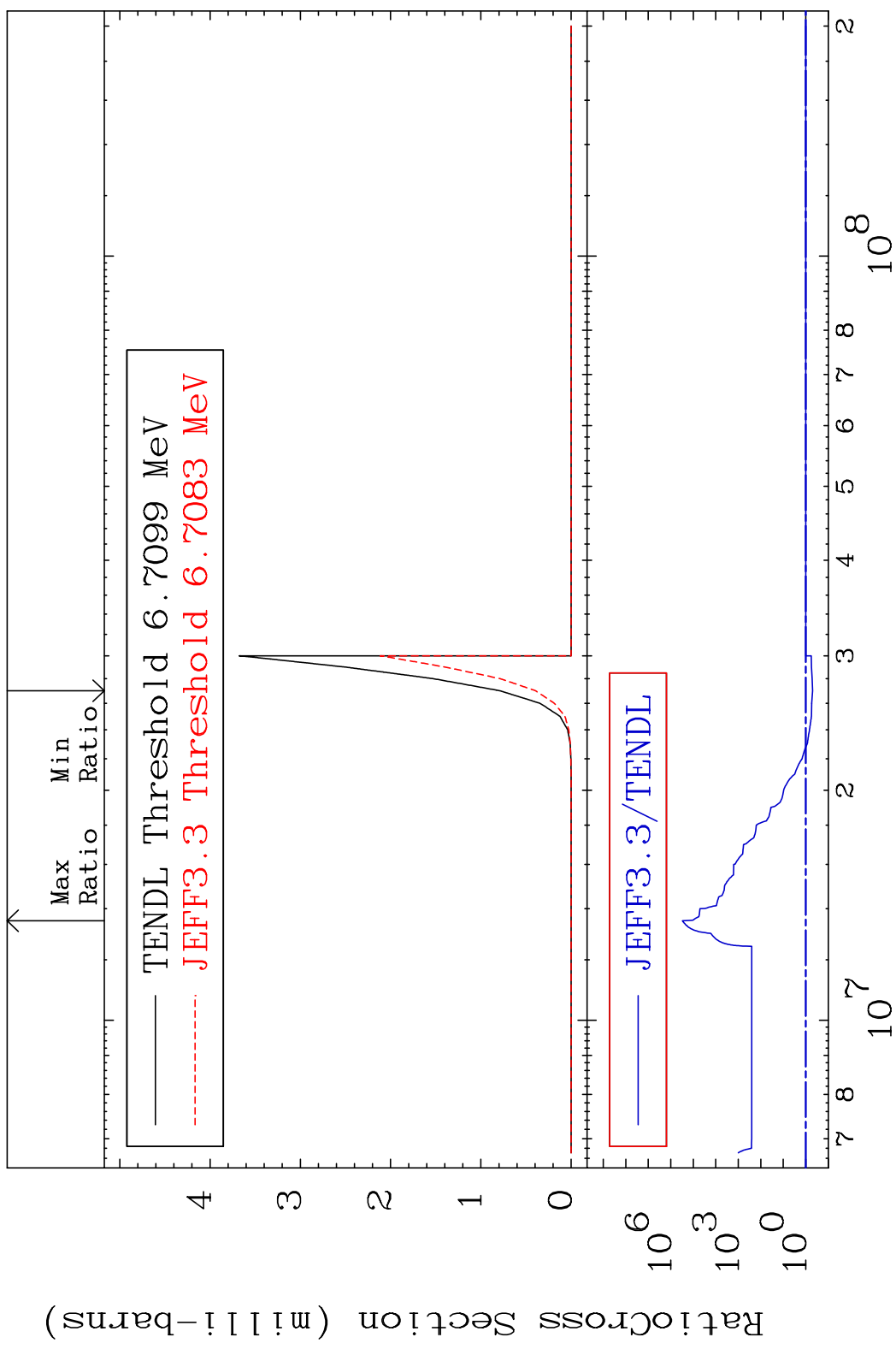


MAT 8125

(n,2n)  $\alpha$

81-Tl-203

Cross Section -50.10 To 9999. %



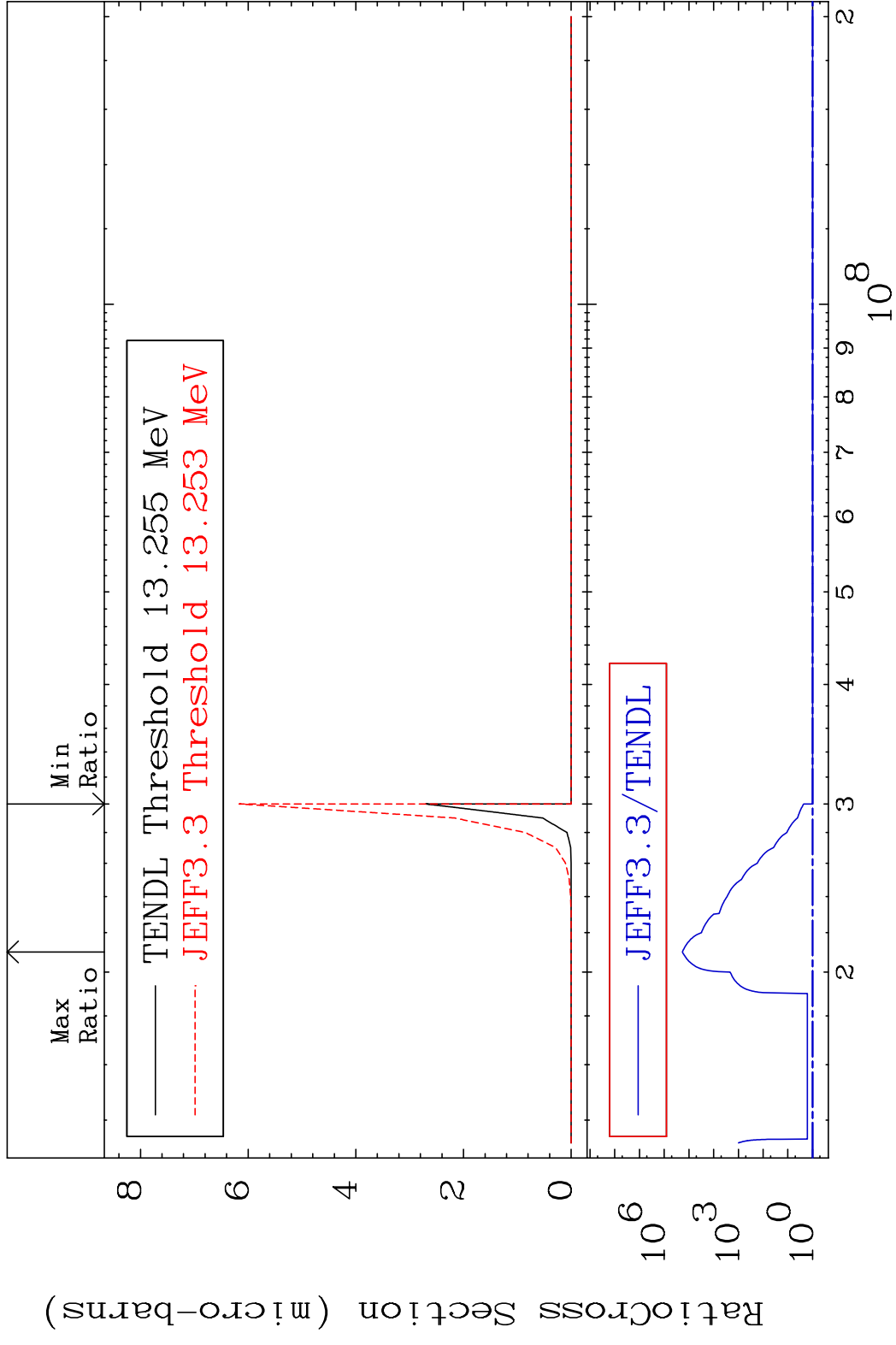
MAT 8125

(n,3n)  $\alpha$

81-Tl-203

Cross Section 0.000

To 9999. %



10

Incident Energy (eV)

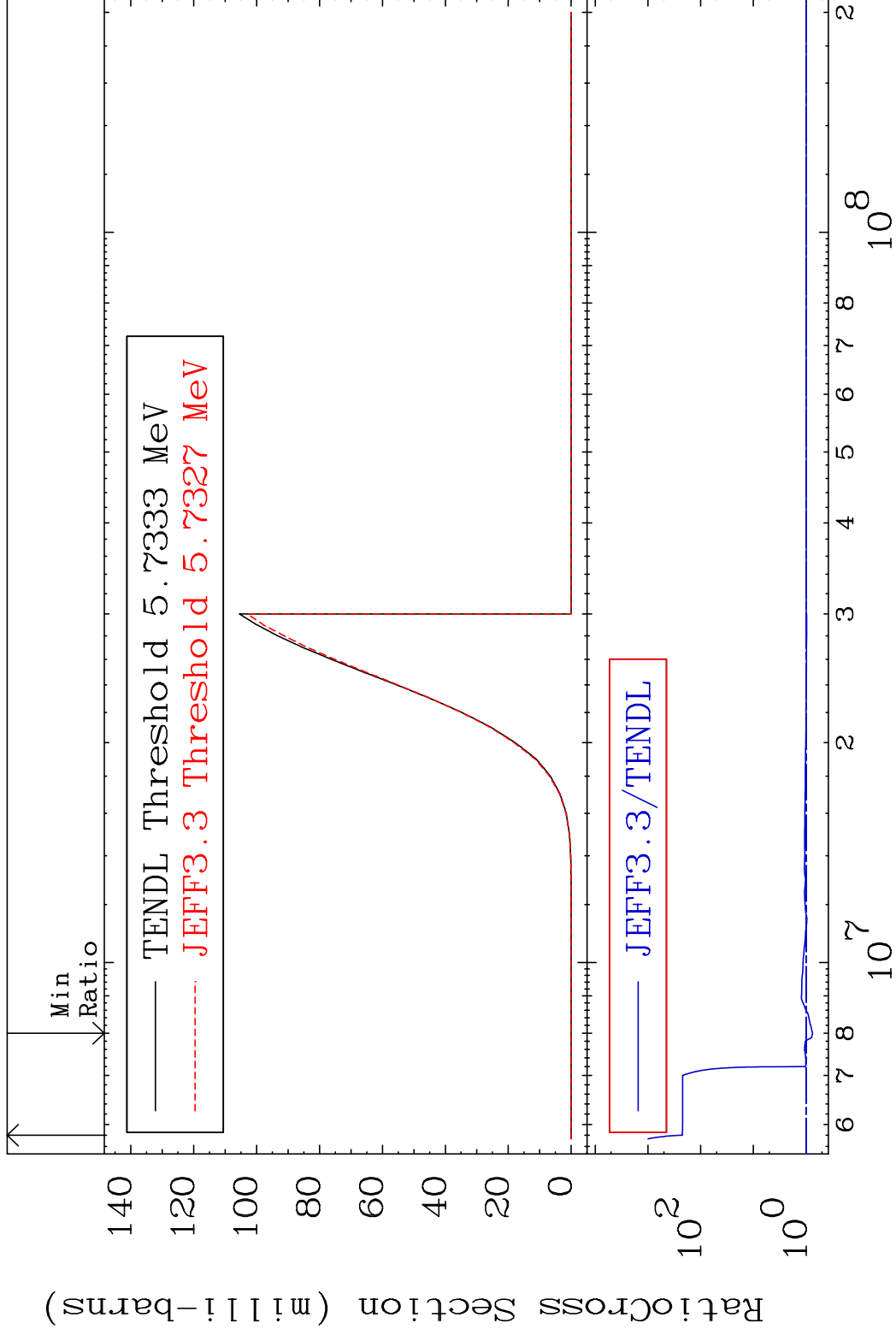
81-Tl-203

MAT 8125

(n, n') p

81-Tl-203

Cross Section -24.37 To 9999. %

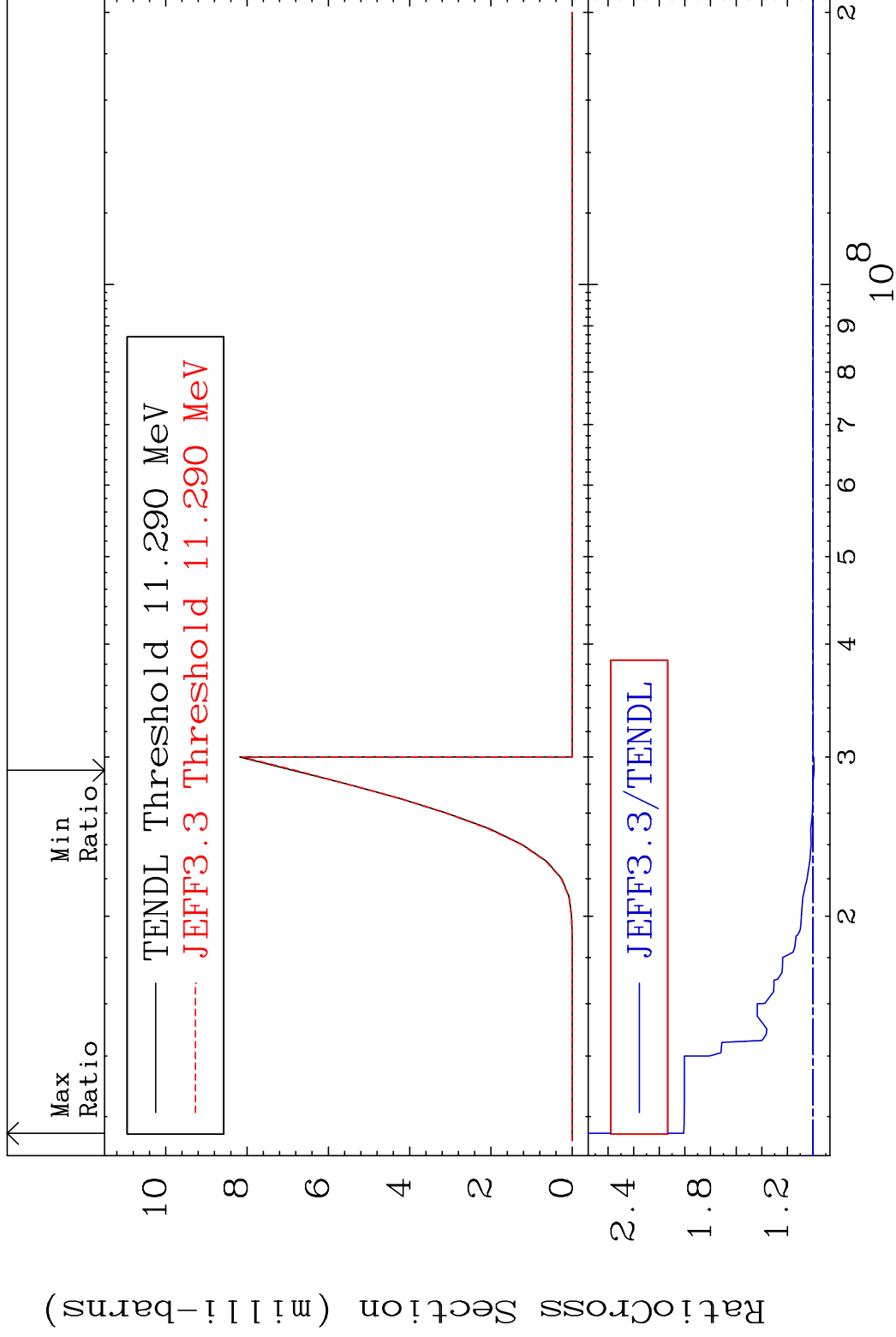


MAT 8125

(n, n') d

81-Tl-203

Cross Section -0.920 To 101.0 %

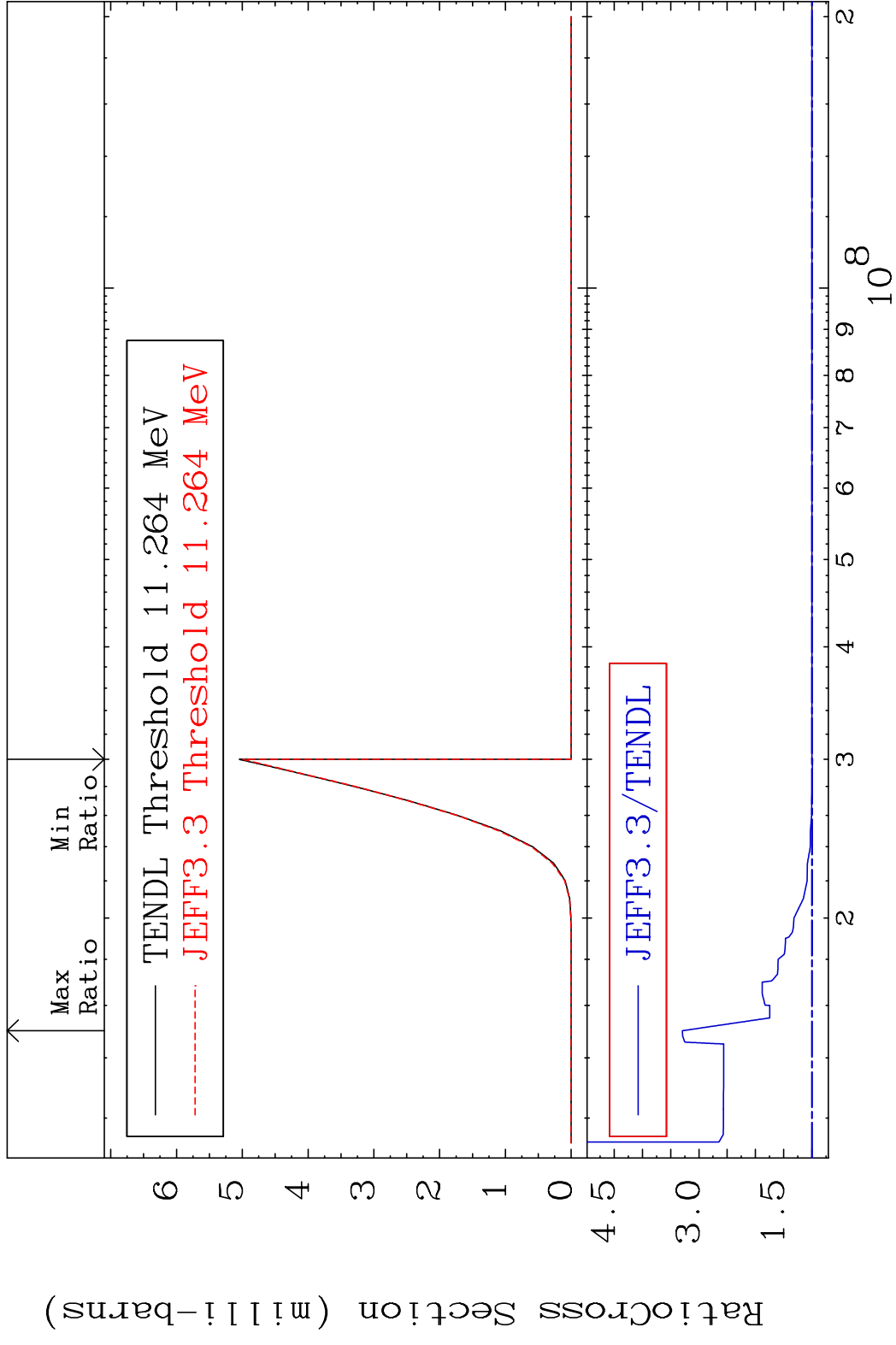


MAT 8125

(n, n') t

81-Tl-203

Cross Section -1.081 To 229.3 %



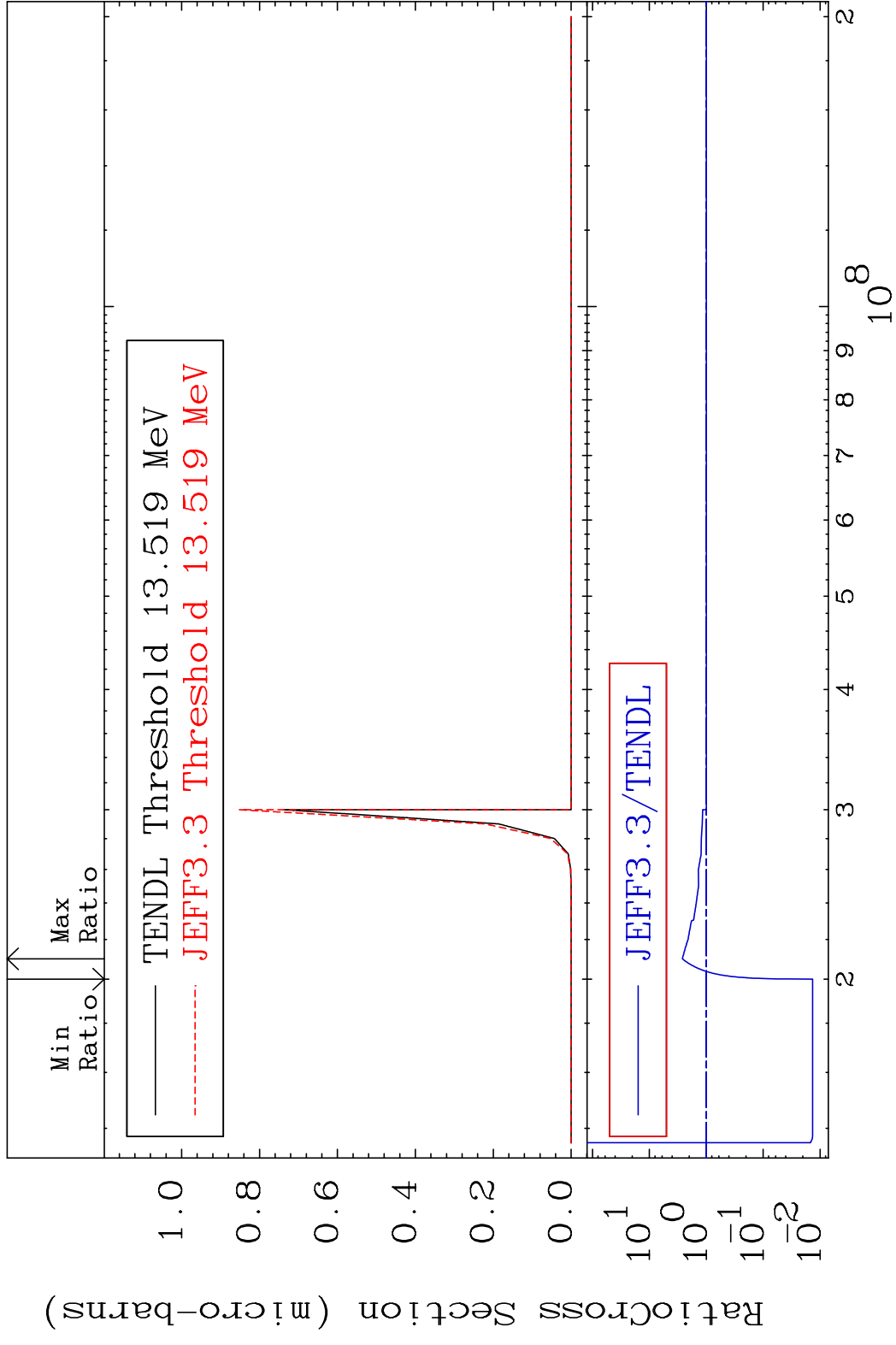
MAT 8125

(n,n') He-3

81-Tl-203

Cross Section

-98.65 To 163.6 %

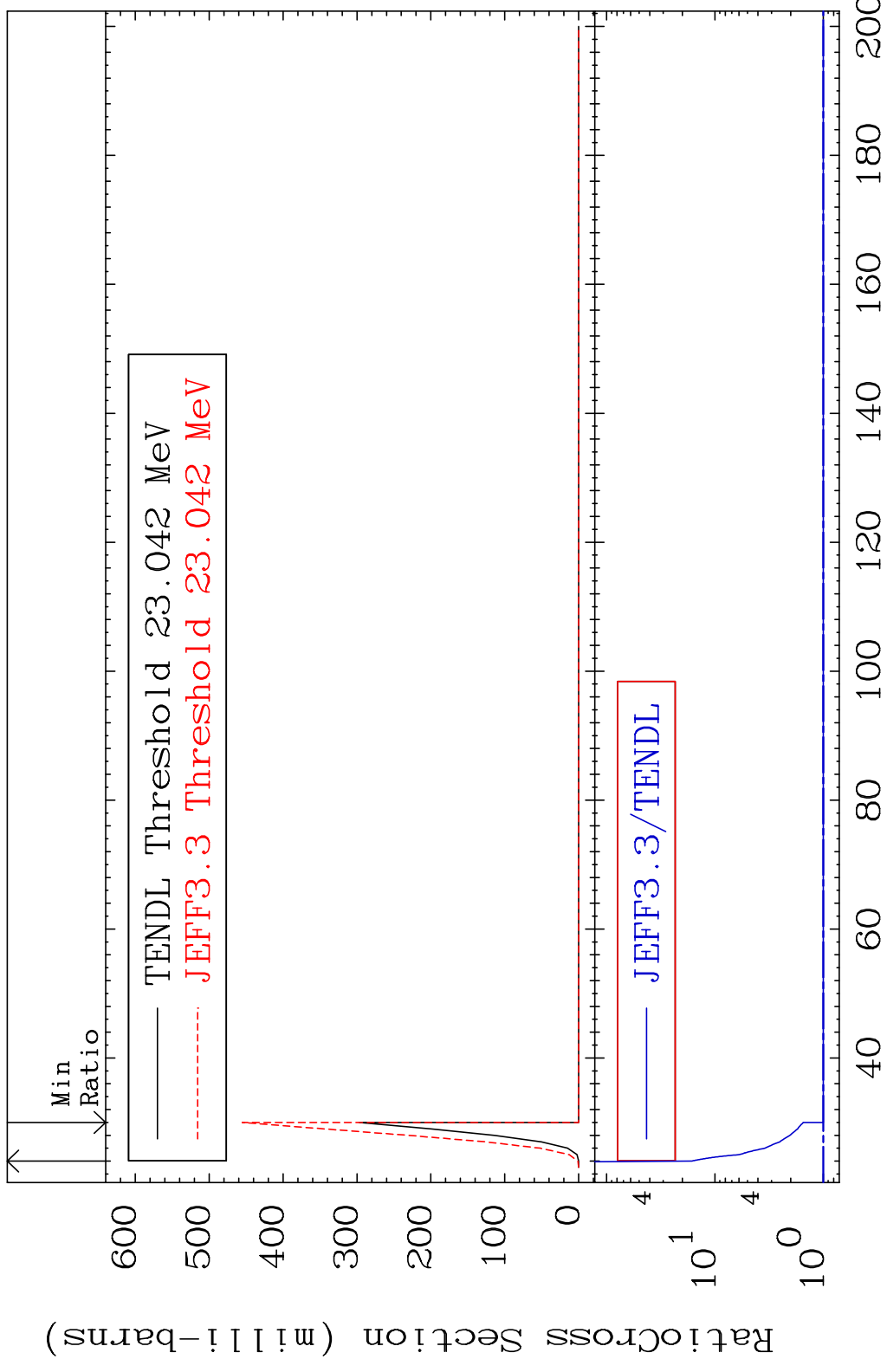


MAT 8125

(n,4n)

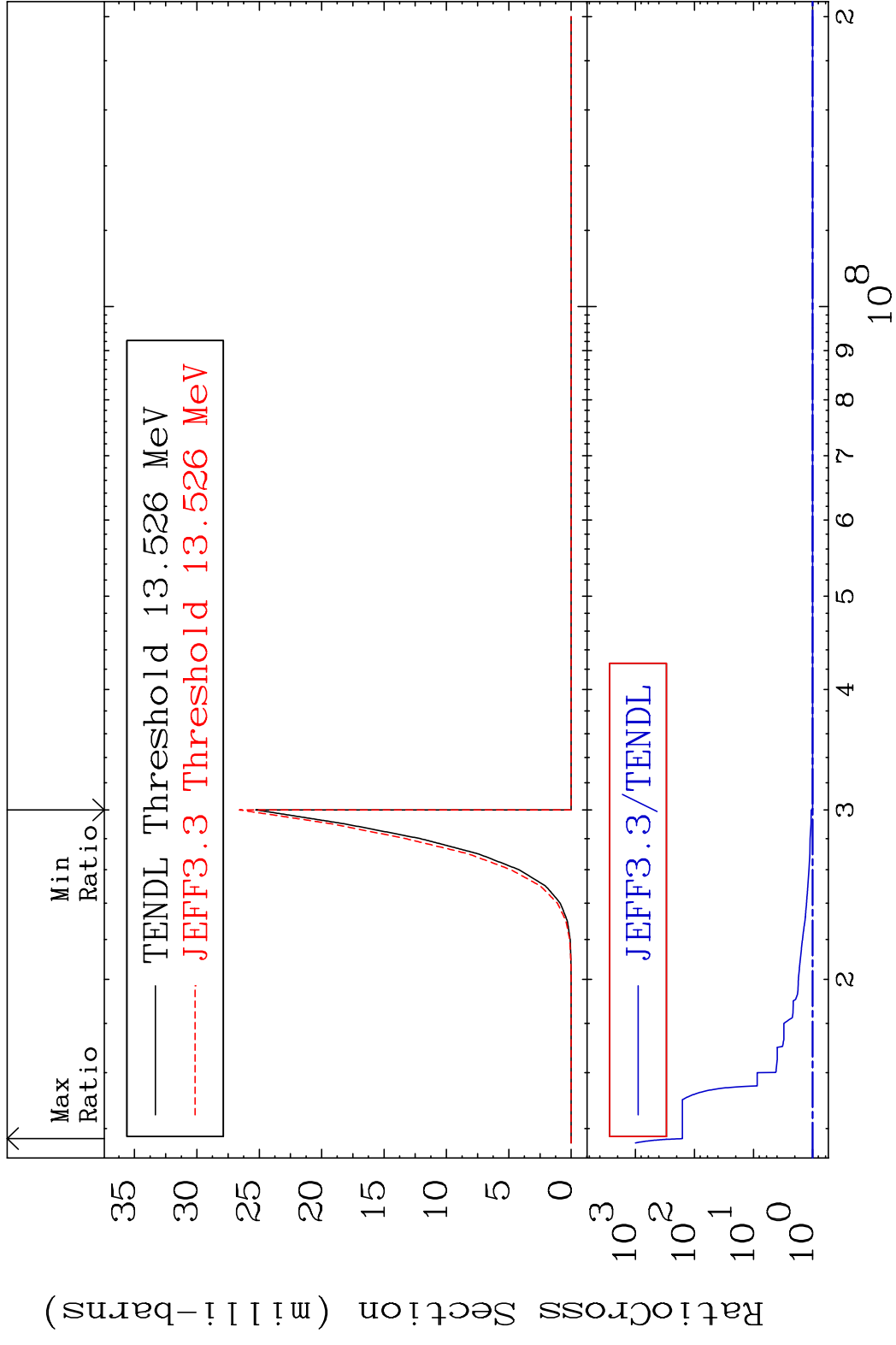
81-Tl-203

Cross Section 0.000 To 1551. %





MAT 8125 (n,2n) p 81-Tl-203  
 Cross Section 0.000 To 9999. %



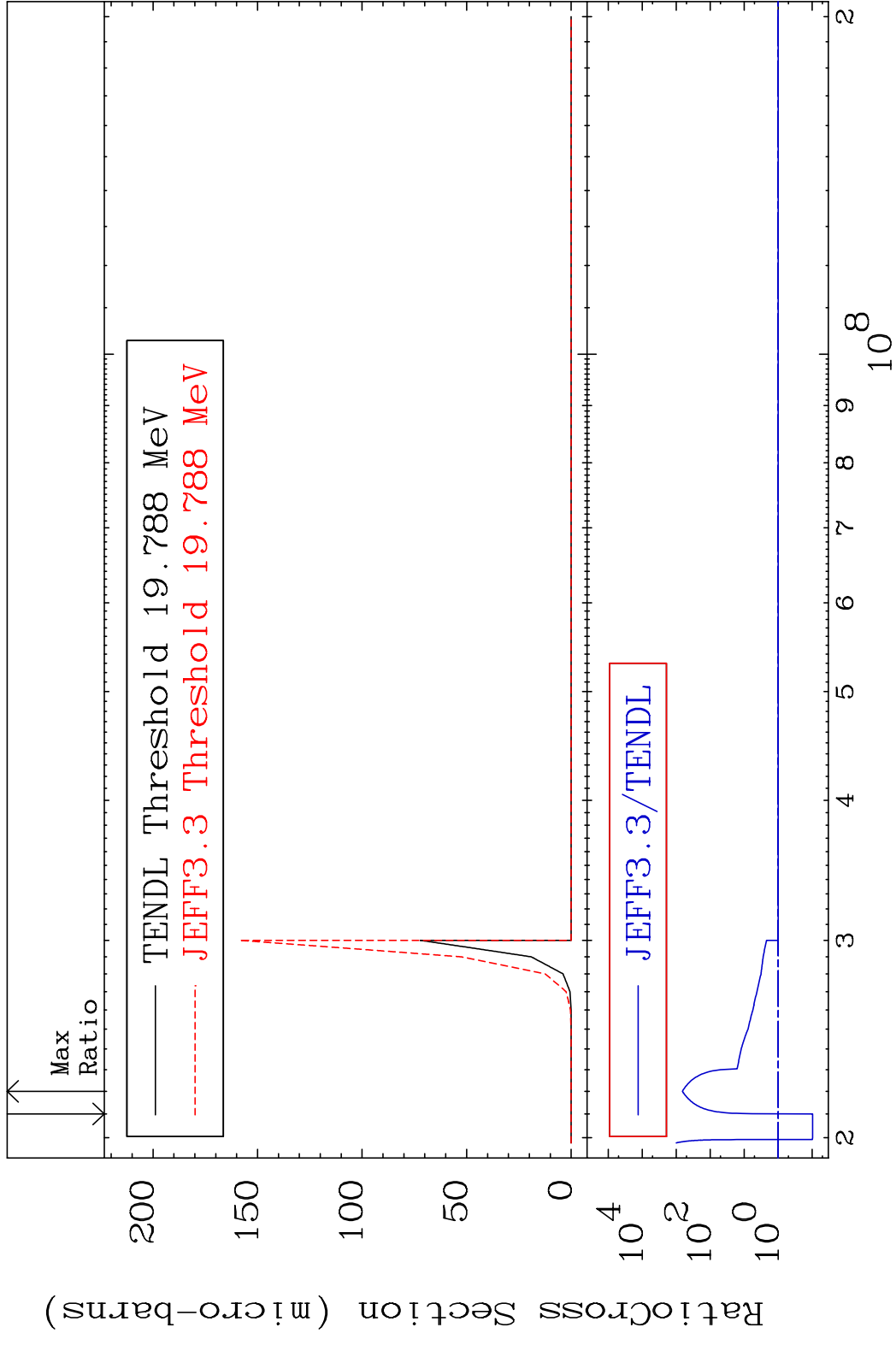
MAT 8125

(n,3n) p

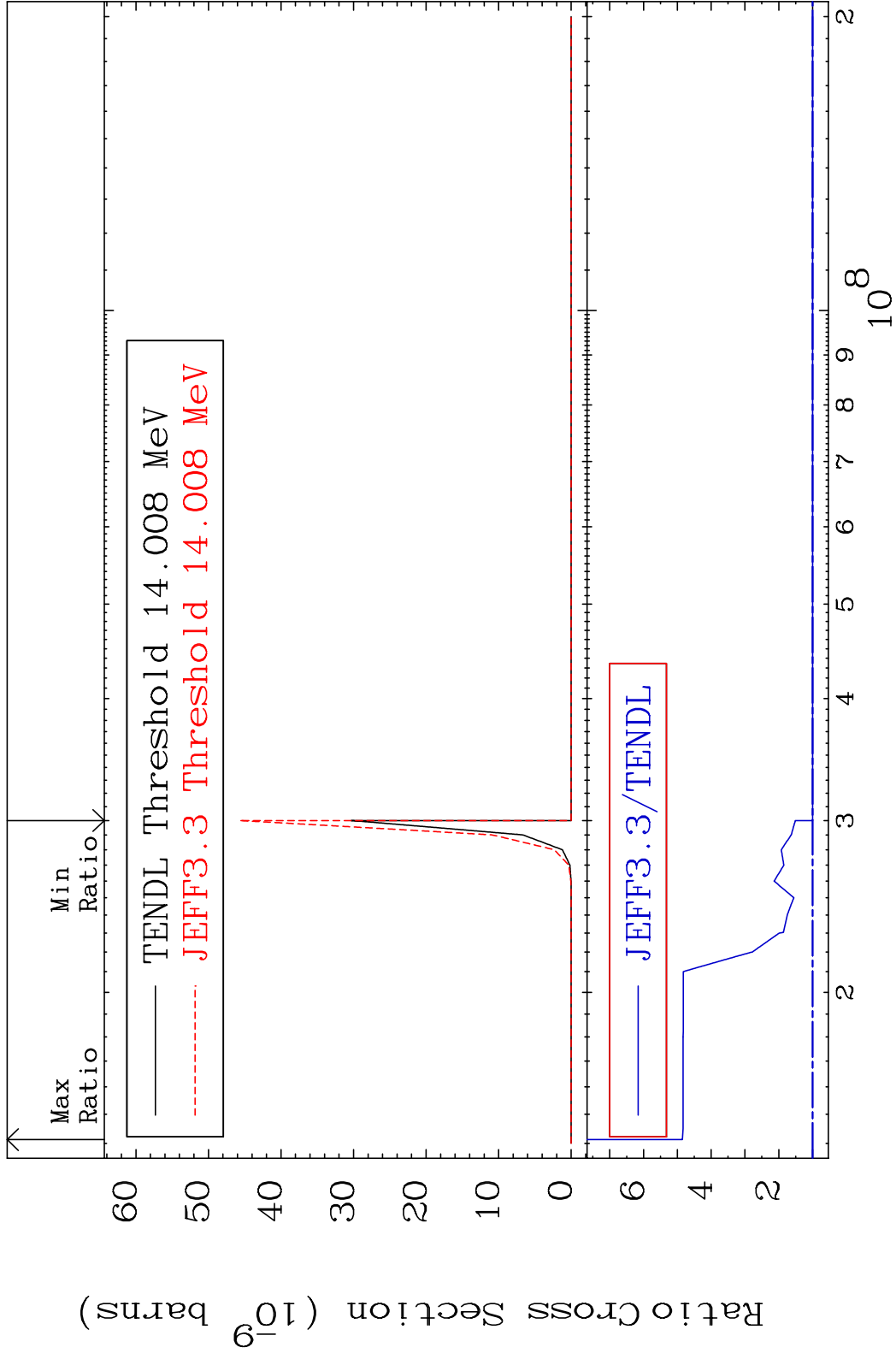
81-Tl-203

Cross Section

-90.30 To 9999. %

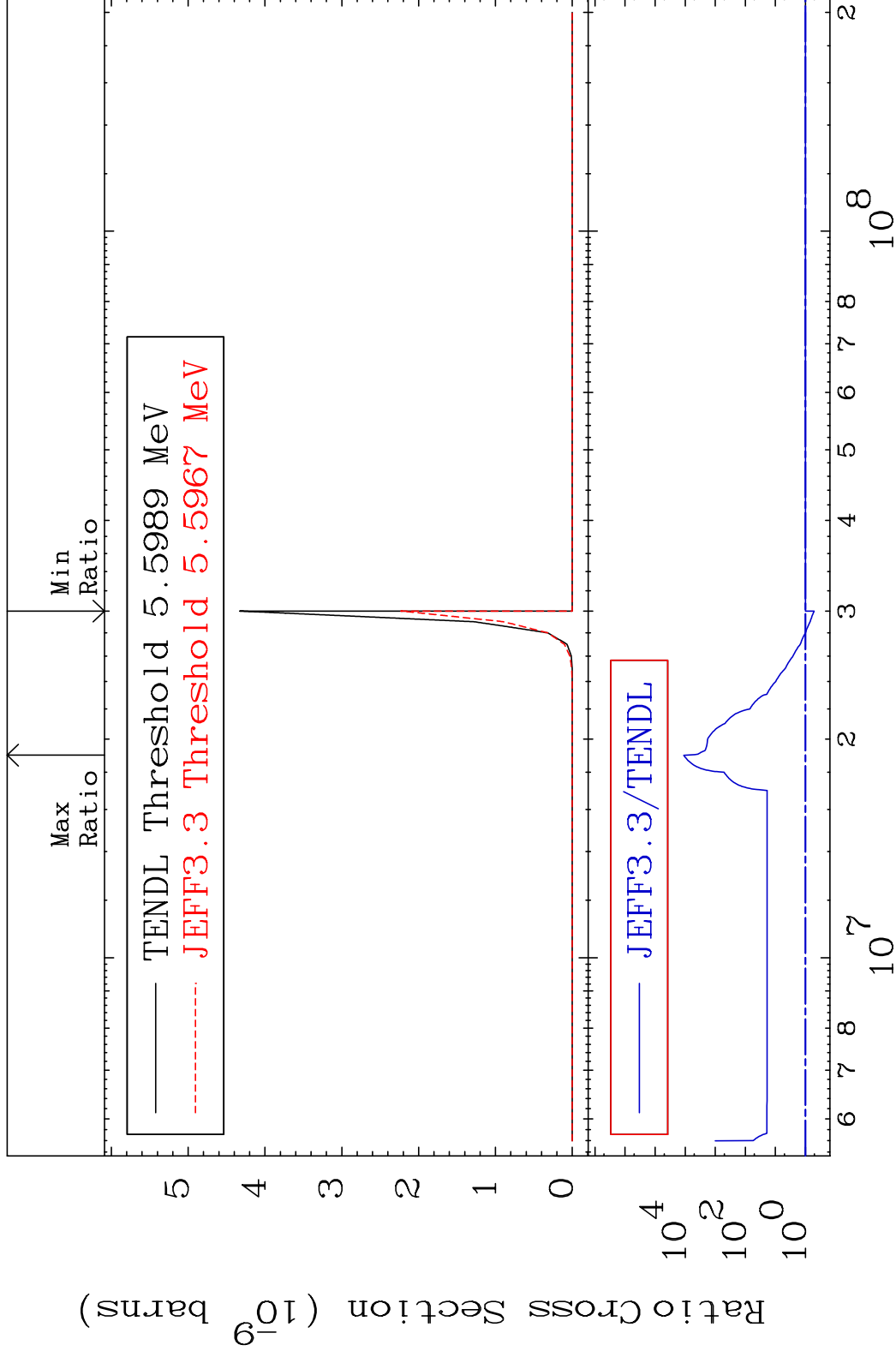


MAT 8125 (n,2n) p 81-Tl-203  
 Cross Section 0.000 To 385.2 %

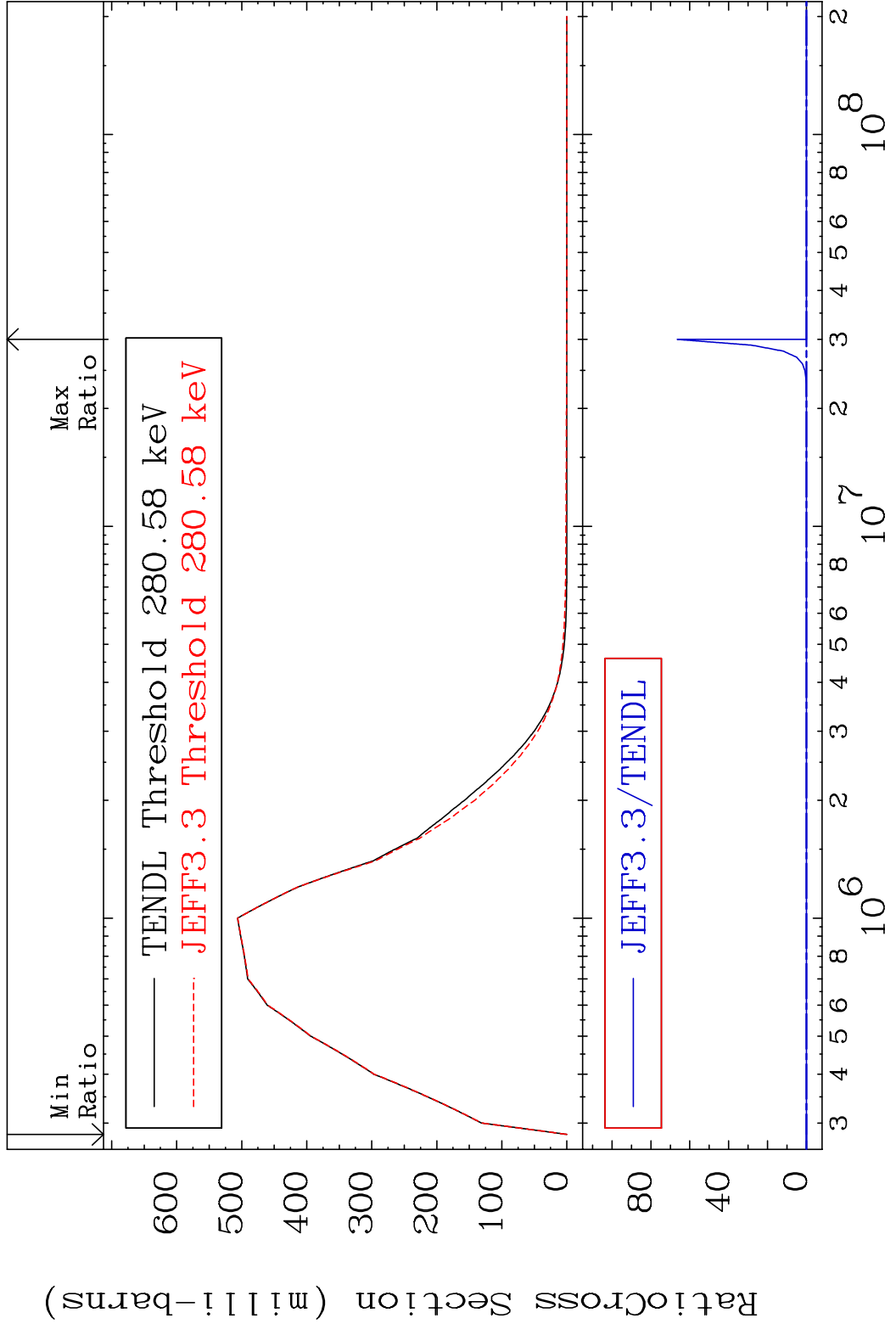


MAT 8125

(n, n') p  $\alpha$  81-Tl-203  
Cross Section -48.54 To 9999. %

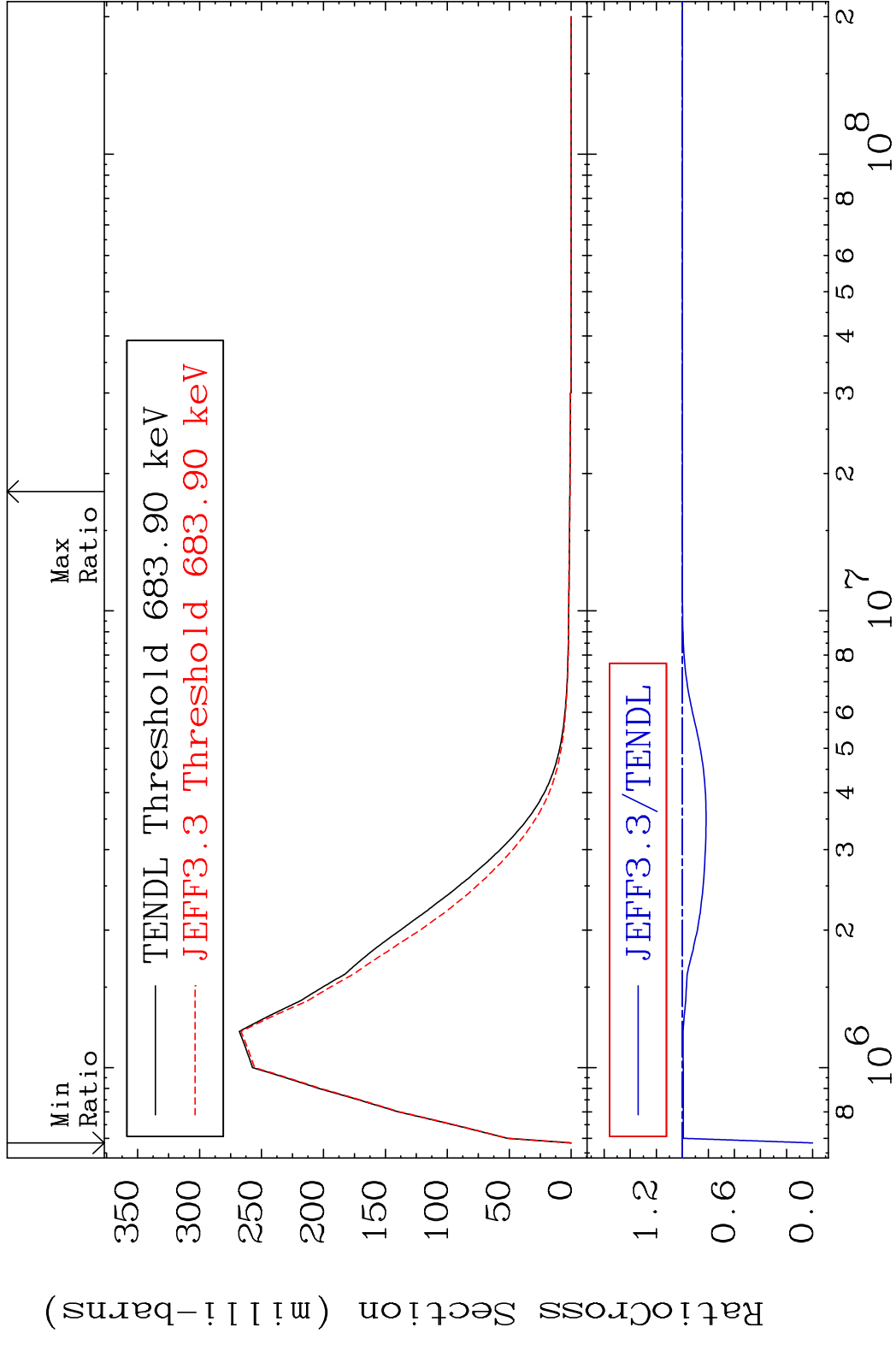


MAT 8125 MT= 51 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 9999. %

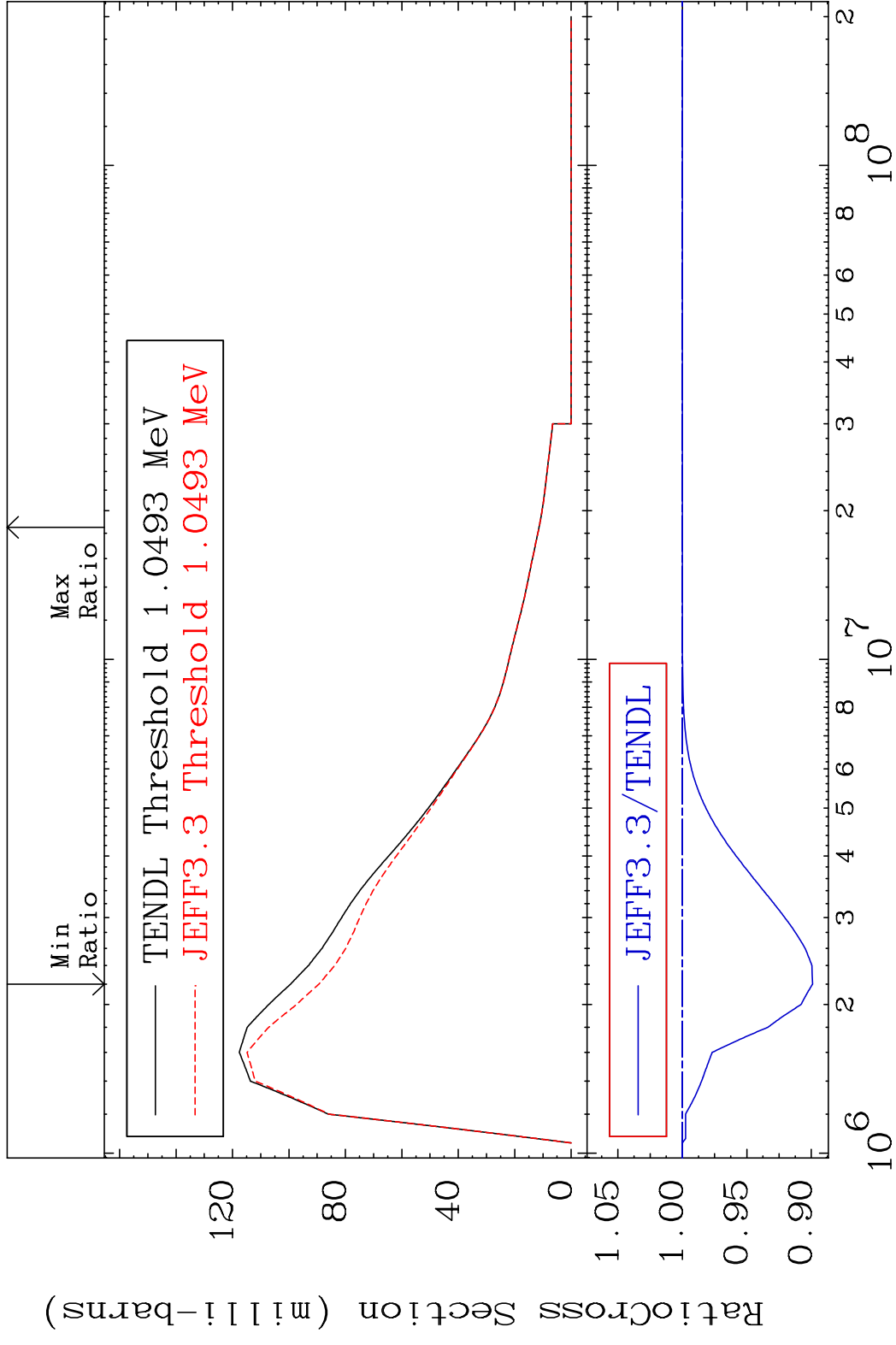


20 81-Tl-203

MAT 8125 MT= 52 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 0.000 %

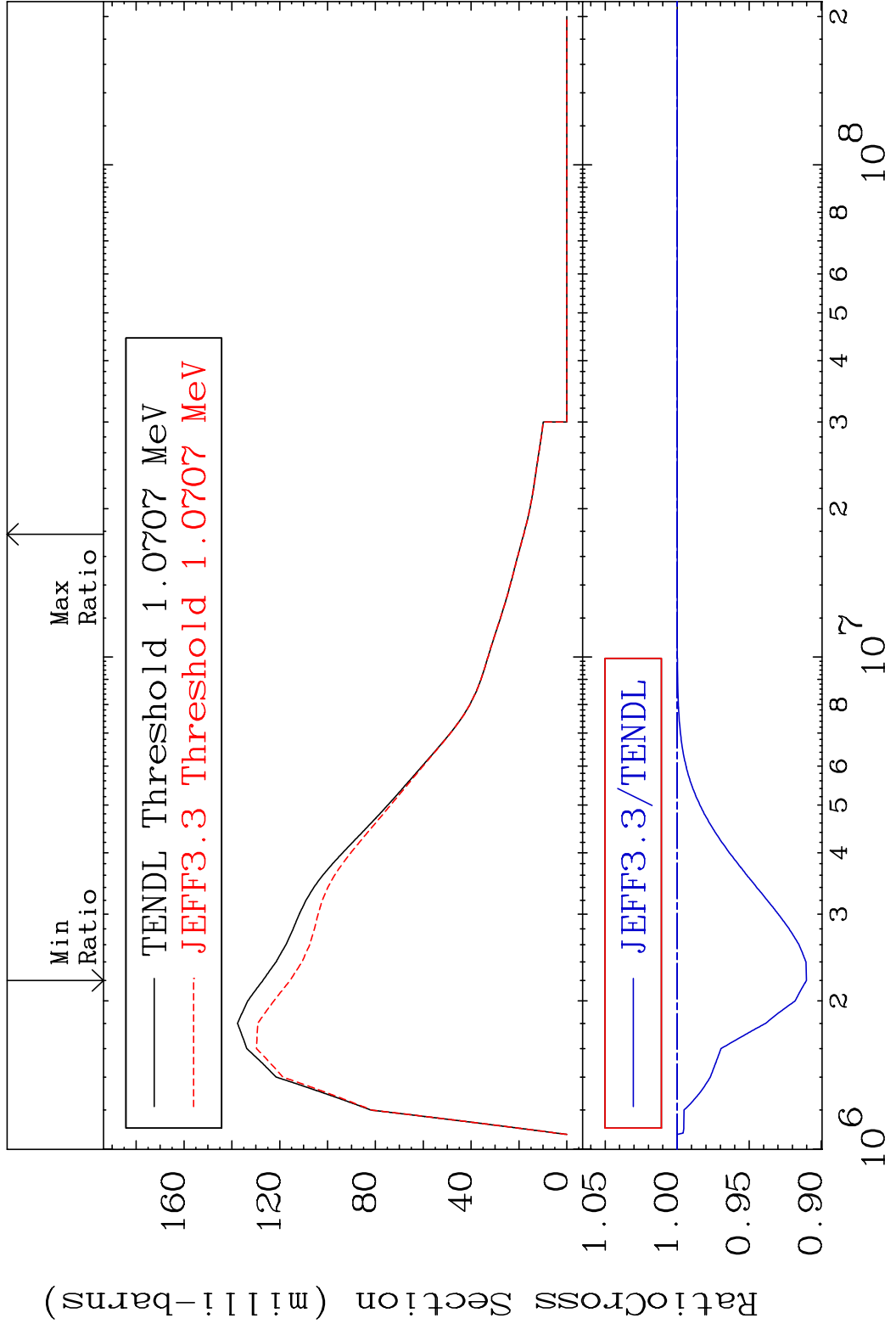


MAT 8125 MT= 53 (n, n') Level 81-Tl-203  
 Cross Section -10.10 To 0.000 %



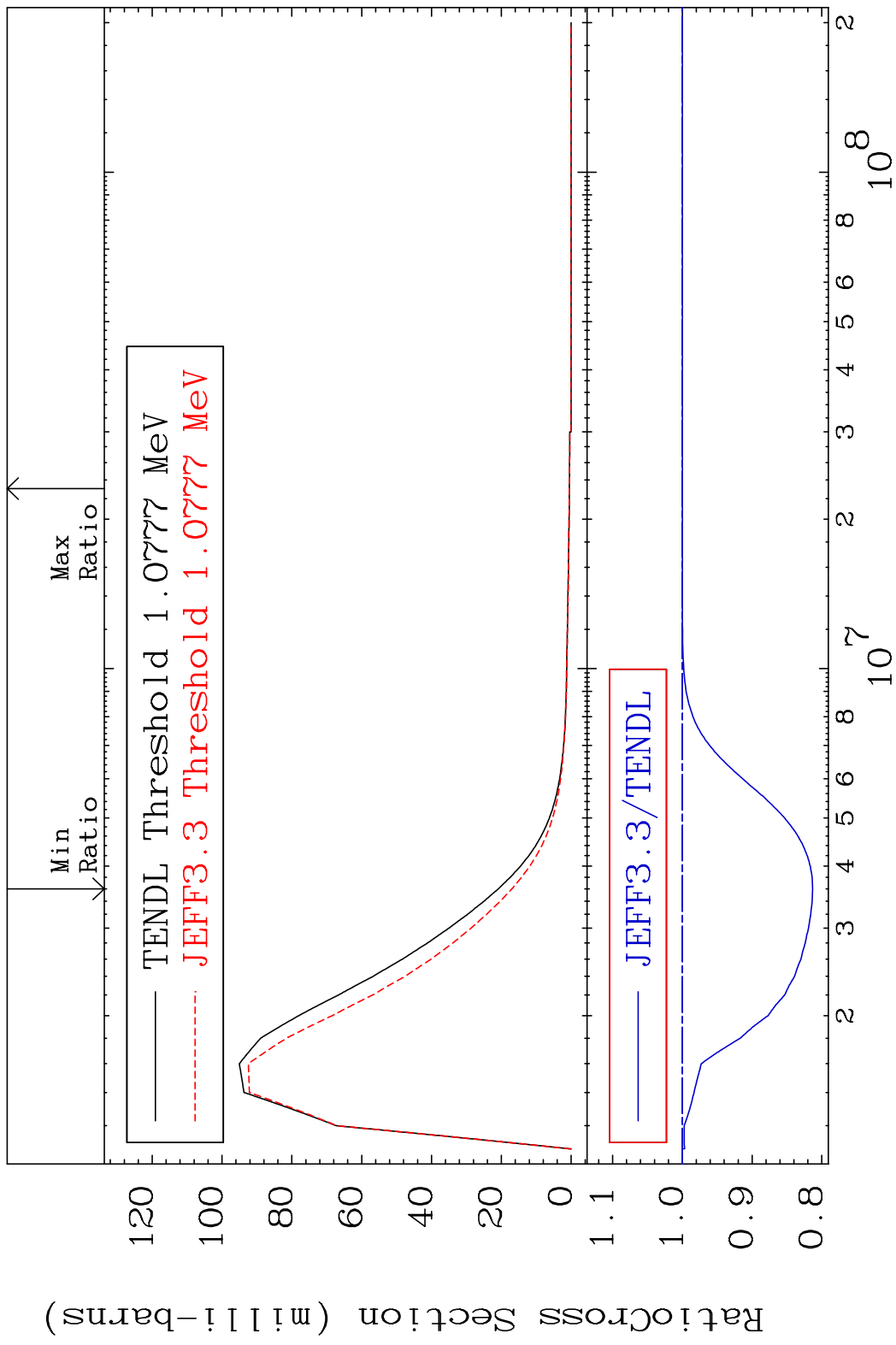
22 Incident Energy (eV) 81-Tl-203

MAT 8125 MT= 54 (n, n') Level 81-Tl-203  
 Cross Section -8.974 To 0.000 %

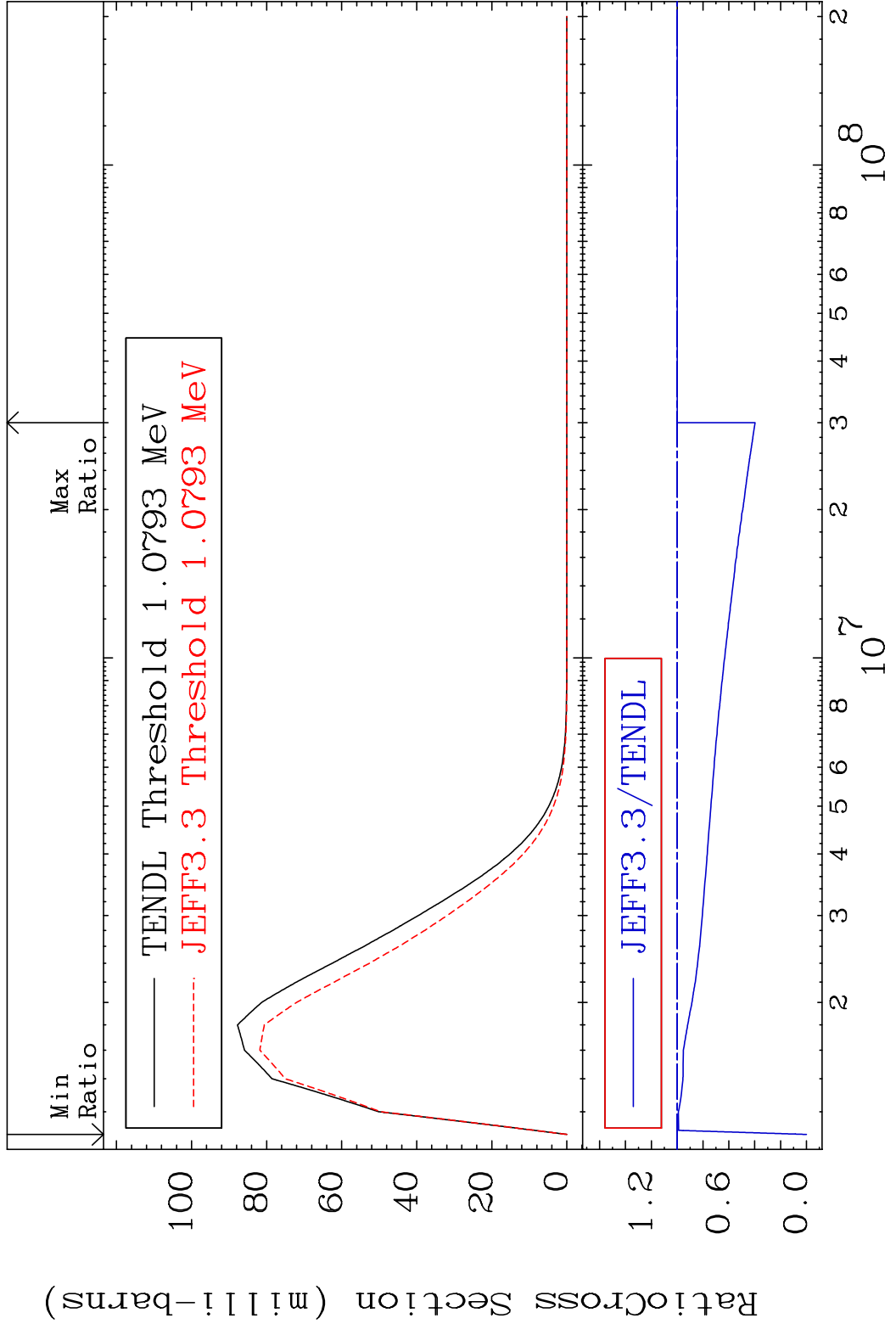




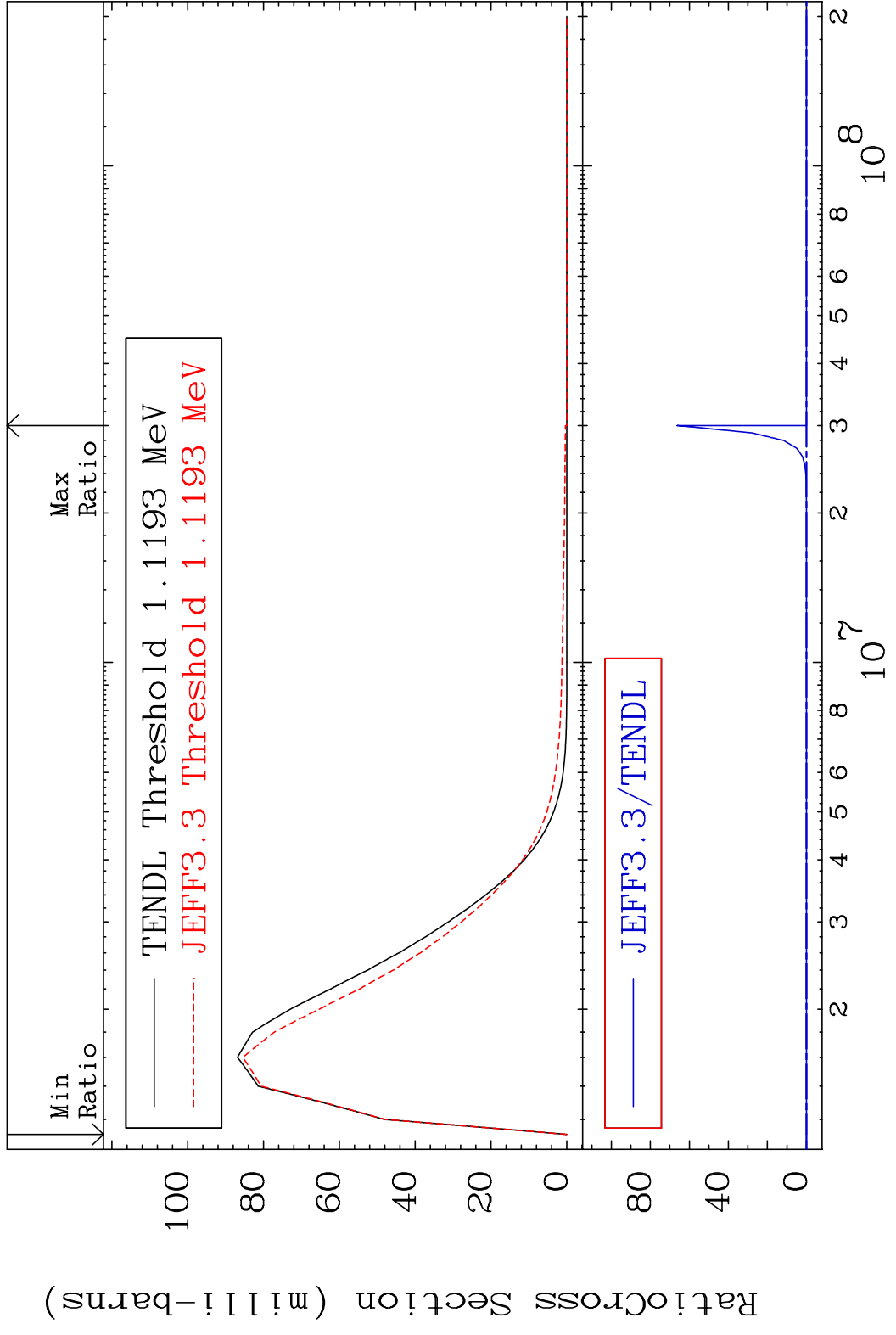
MAT 8125 MT= 55 (n, n') Level 81-Tl-203  
 Cross Section -18.67 To 0.000 %



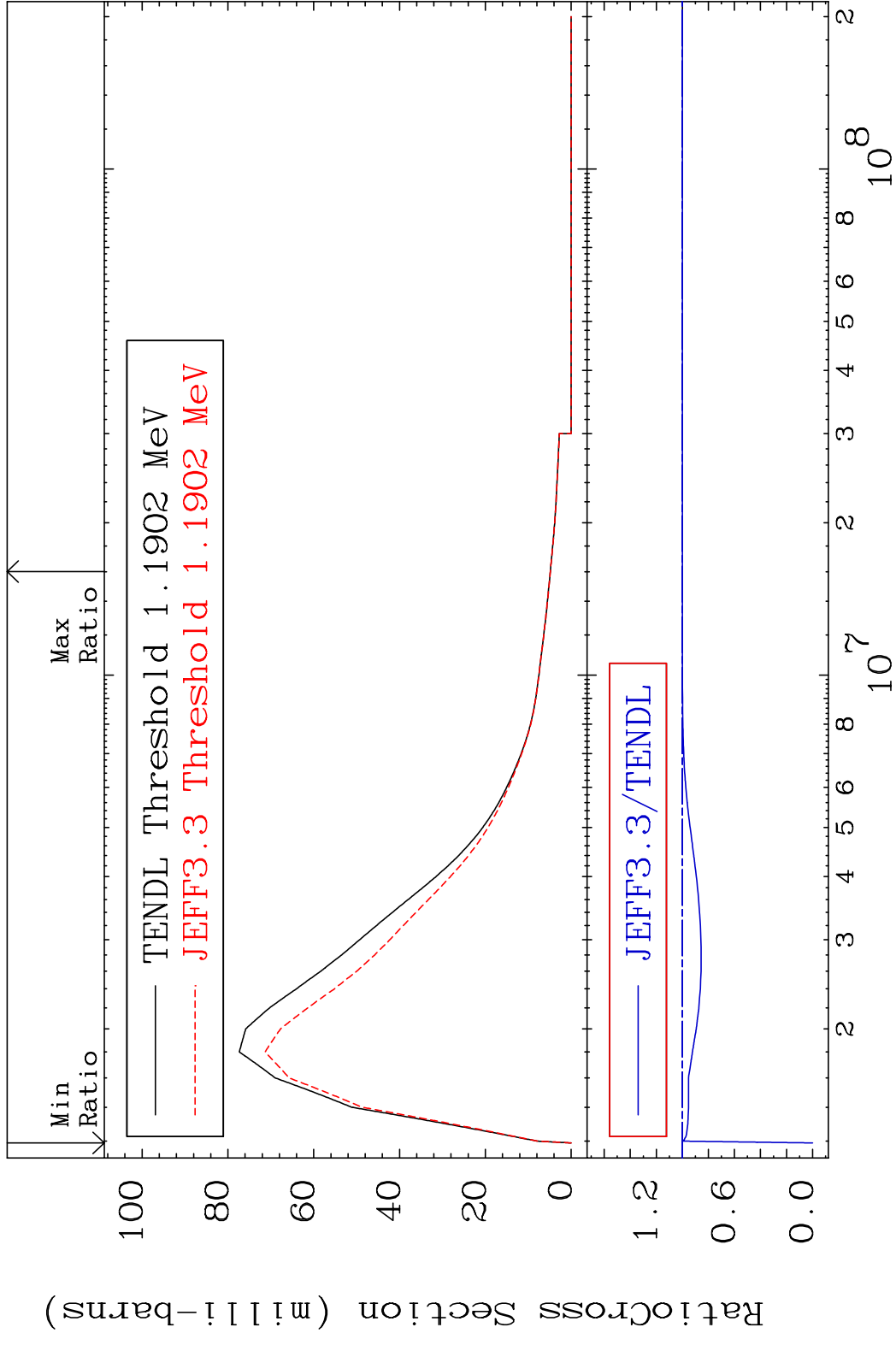
MAT 8125 MT= 56 (n,n') Level 81-Tl-203  
 Cross Section -100.0 To 0.000 %



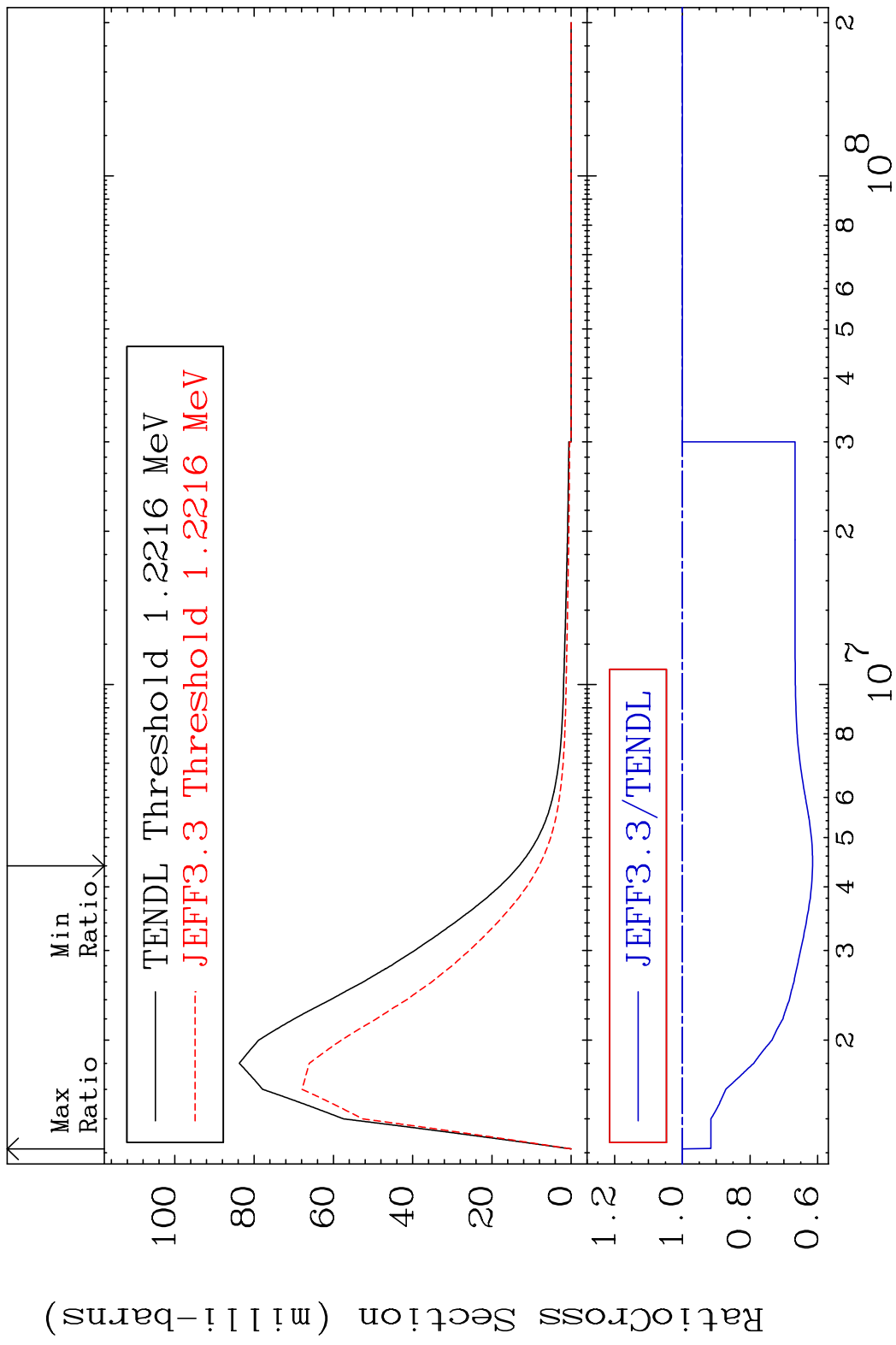
MAT 8125 MT= 57 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 9999. %



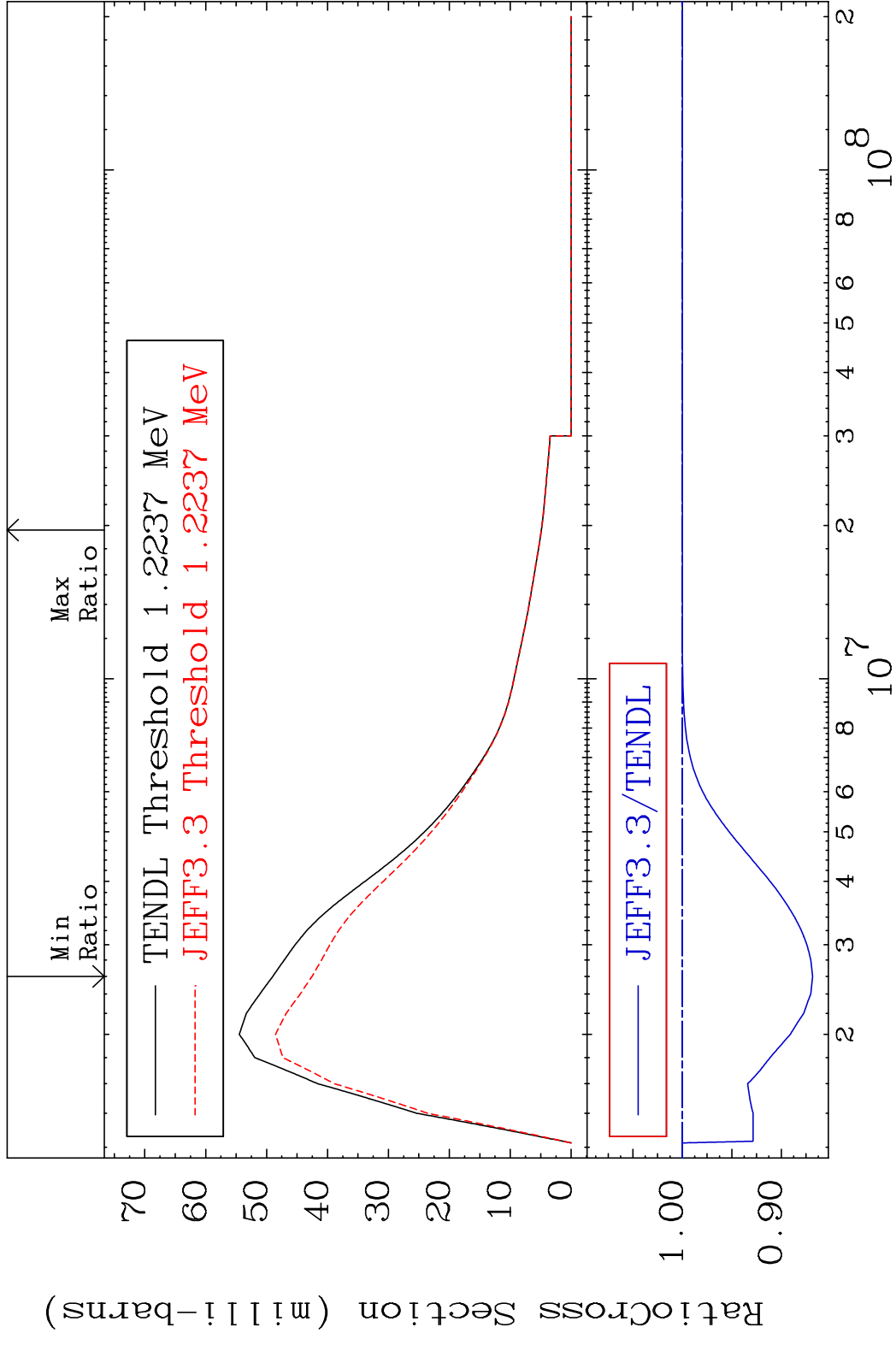
MAT 8125 MT= 58 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 0.000 %



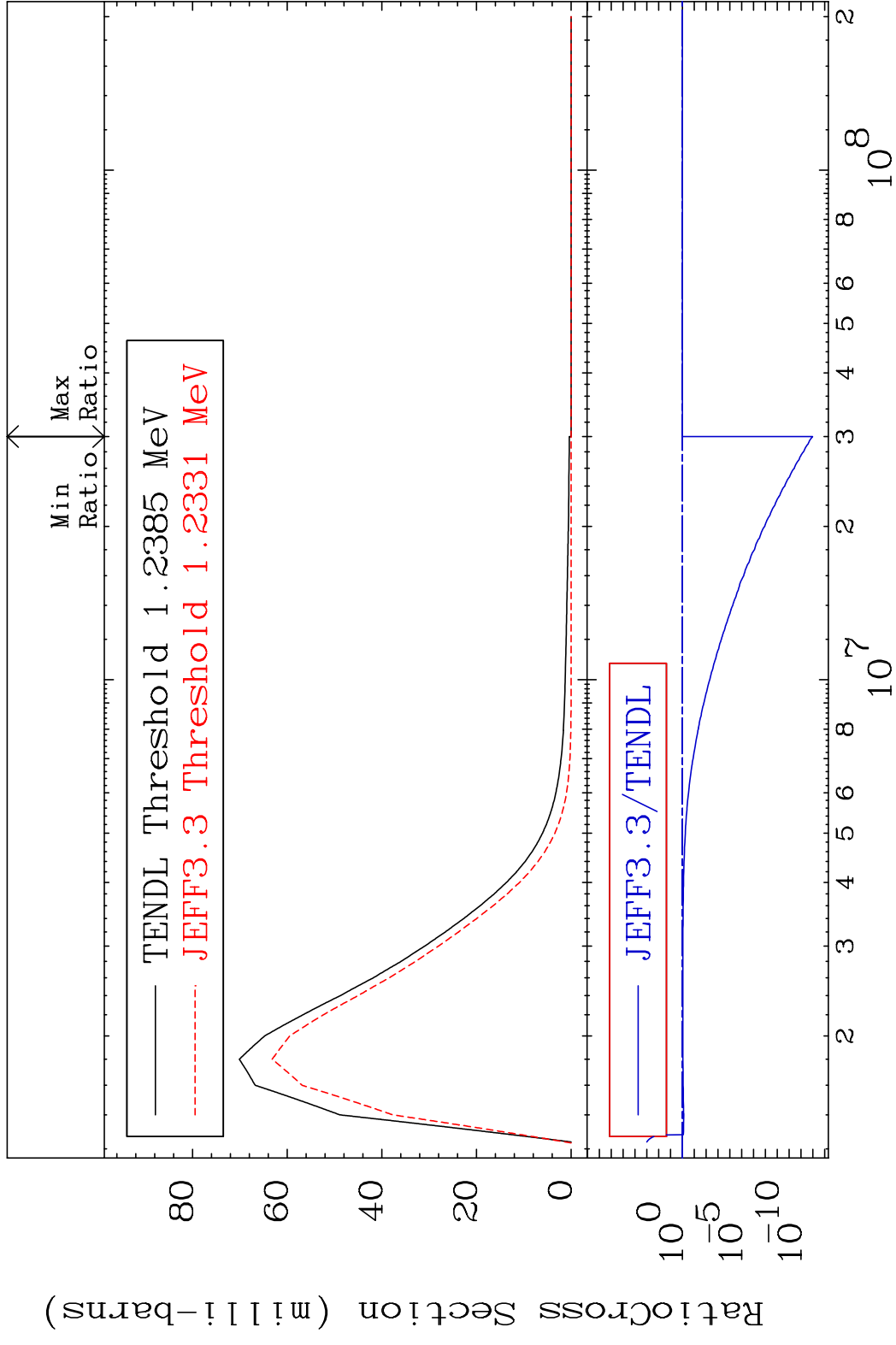
MAT 8125 MT= 59 (n, n') Level 81-Tl-203  
 Cross Section -38.47 To 0.000 %



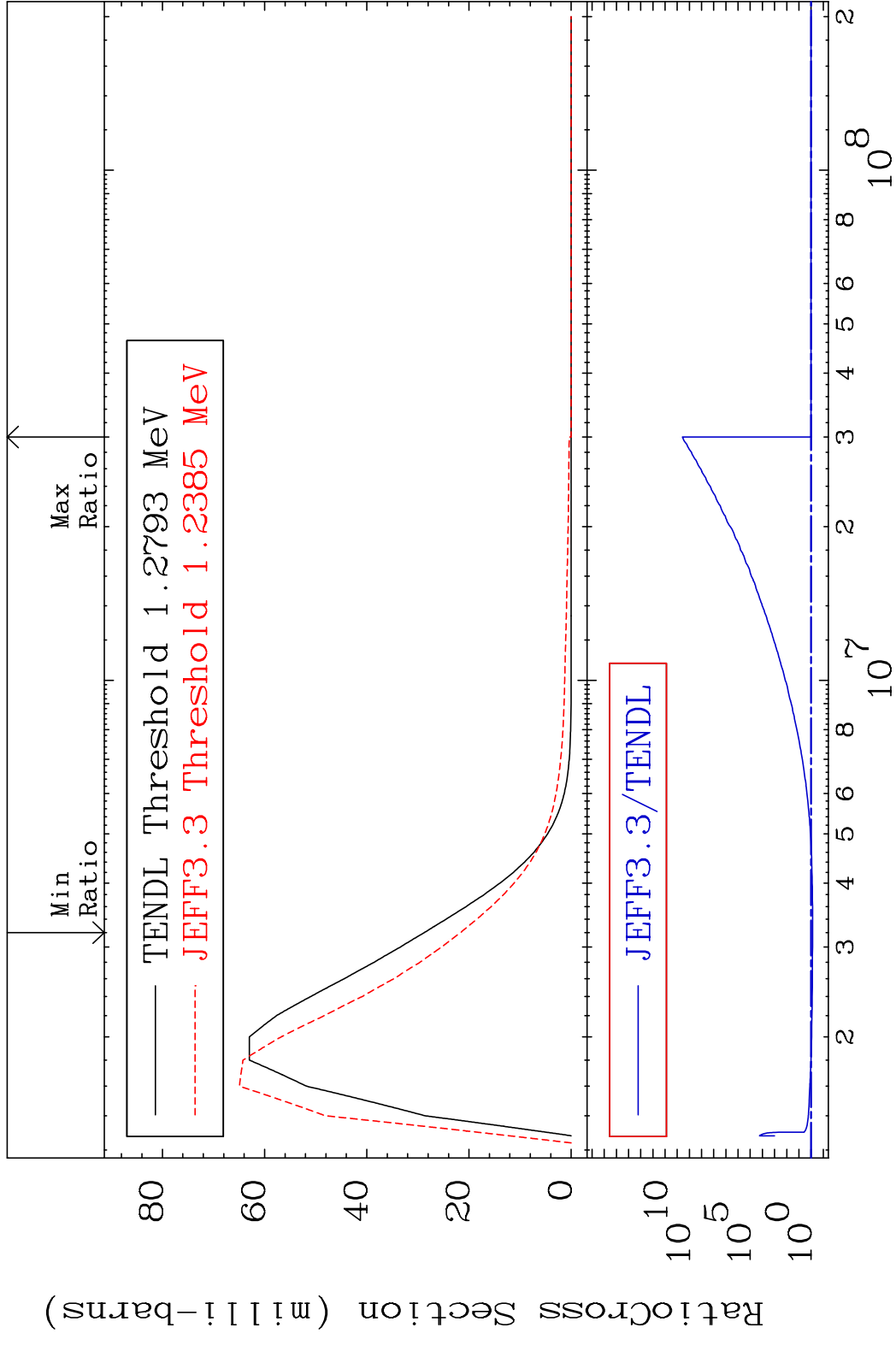
MAT 8125 MT= 60 (n, n') Level 81-Tl-203  
 Cross Section -13.16 To 0.000 %



MAT 8125 MT= 61 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 0.000 %

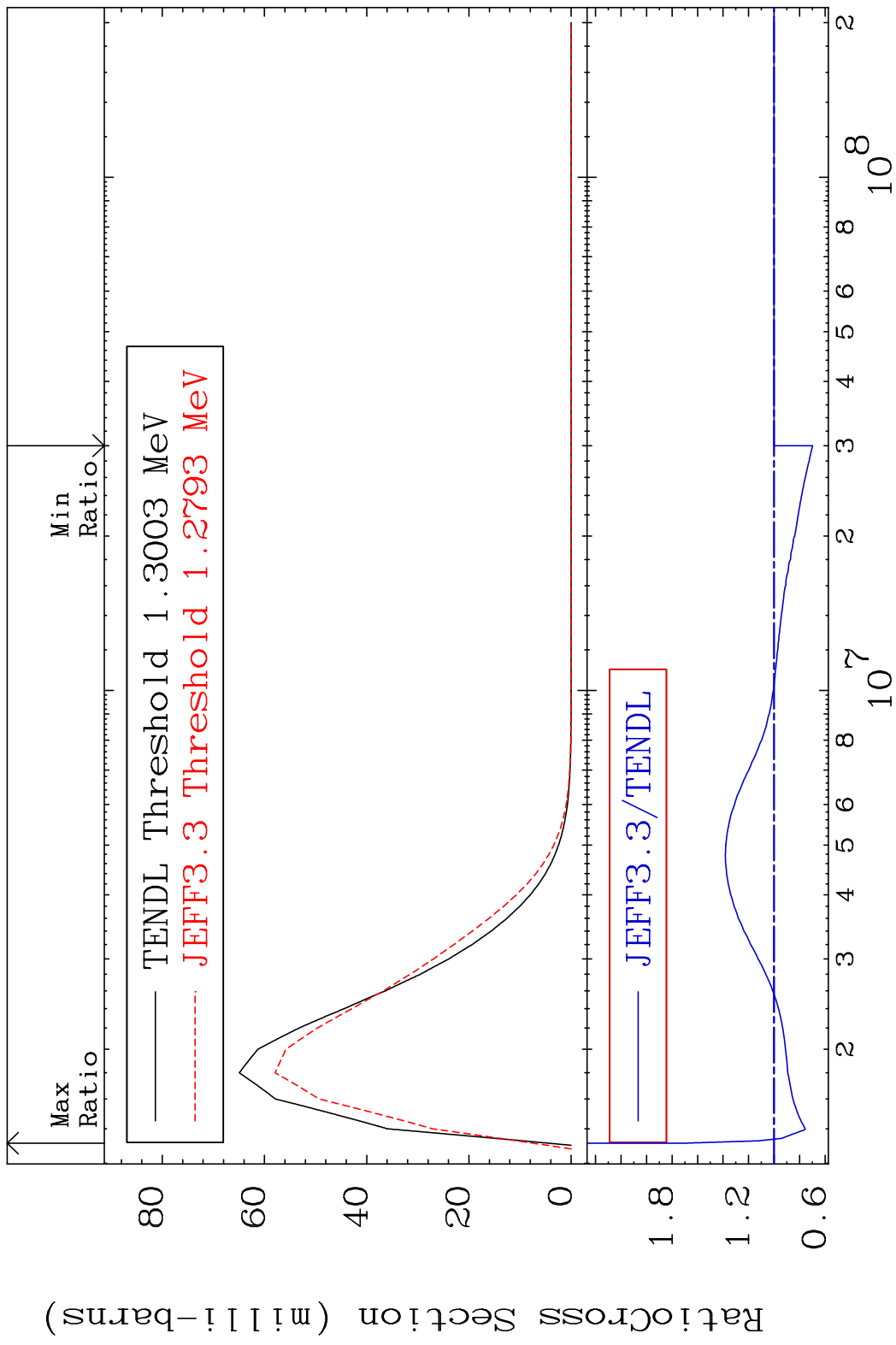


MAT 8125 MT= 62 (n, n') Level 81-Tl-203  
 Cross Section -24.67 To 9999. %

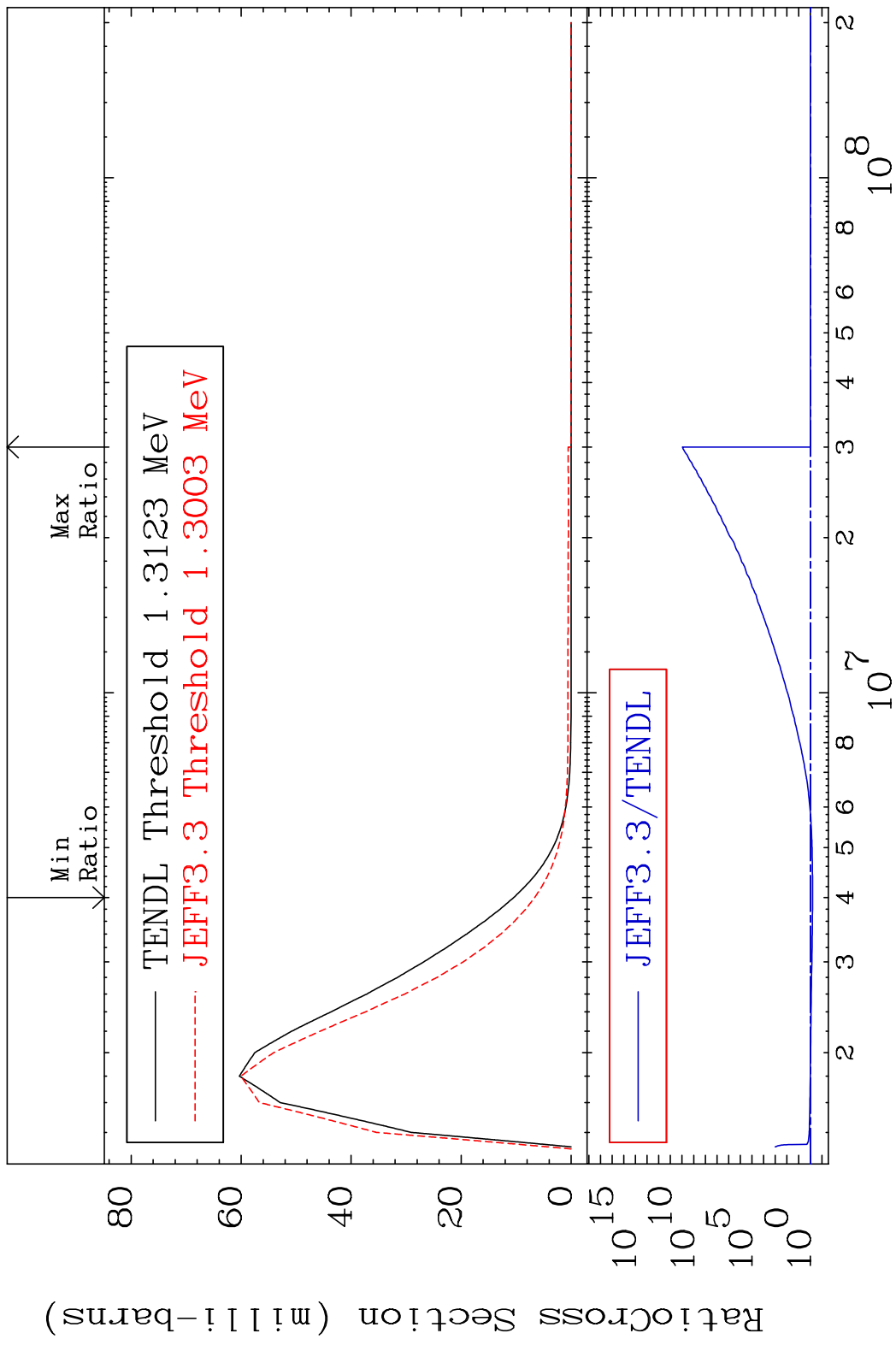




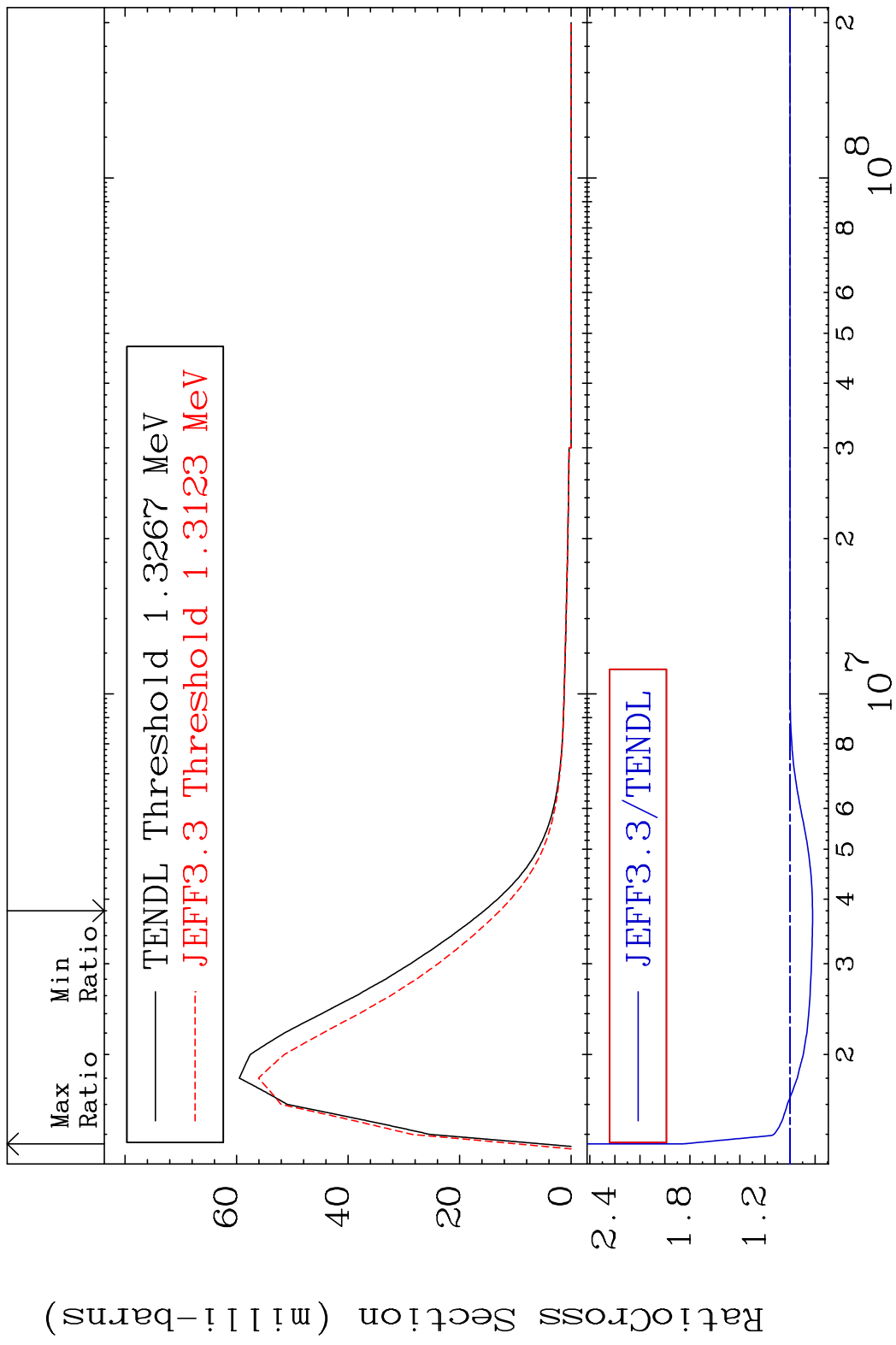
MAT 8125 MT= 63 (n, n') Level 81-Tl-203  
 Cross Section -30.16 To 71.92 %



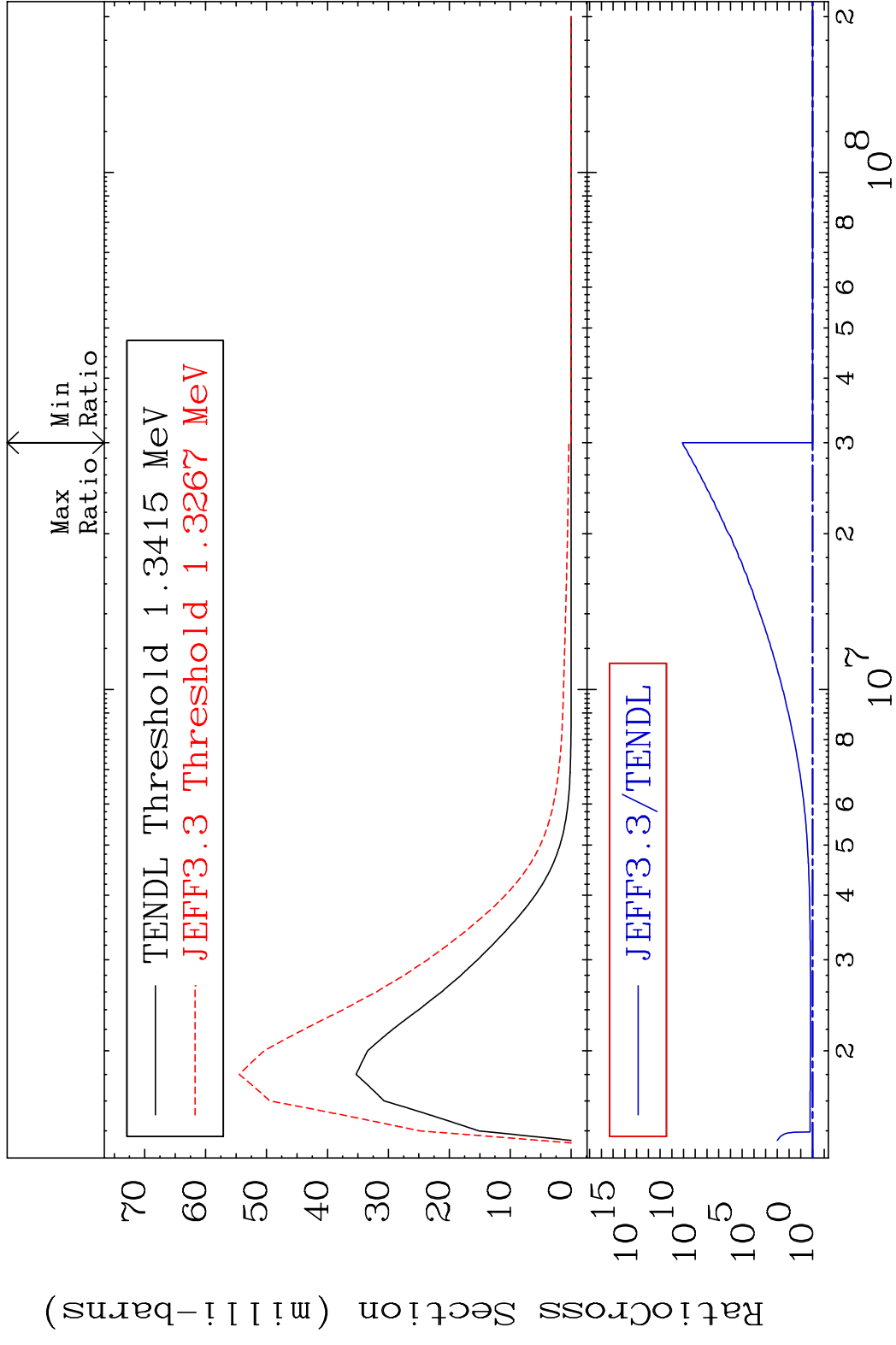
MAT 8125 MT= 64 (n, n') Level 81-Tl-203  
 Cross Section -36.46 To 9999. %



MAT 8125 MT= 65 (n,n') Level 81-Tl-203  
 Cross Section -18.04 To 86.05 %



MAT 8125 MT= 66 (n, n') Level 81-Tl-203  
 Cross Section 0.000 To 9999. %

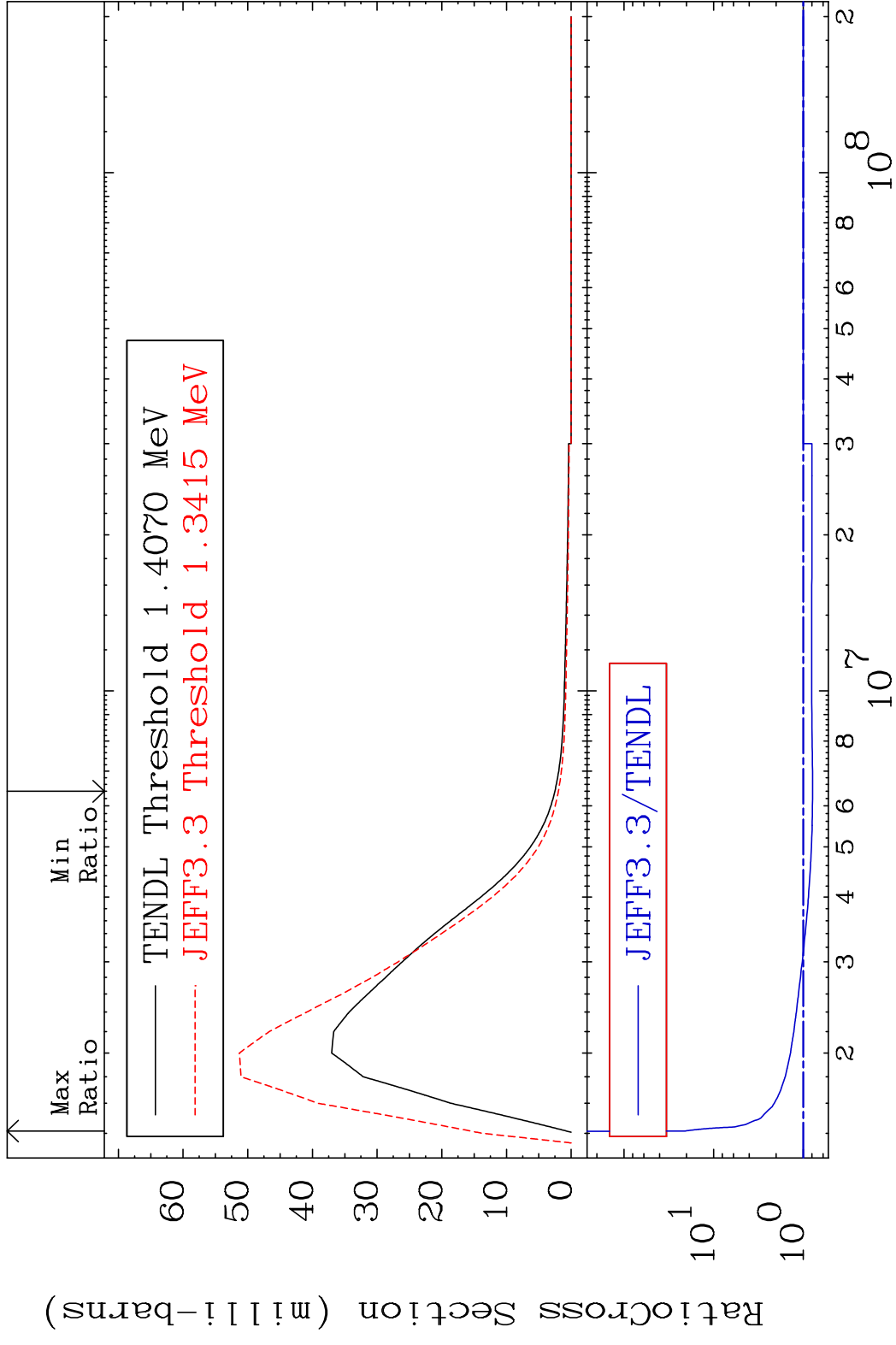


MAT 8125

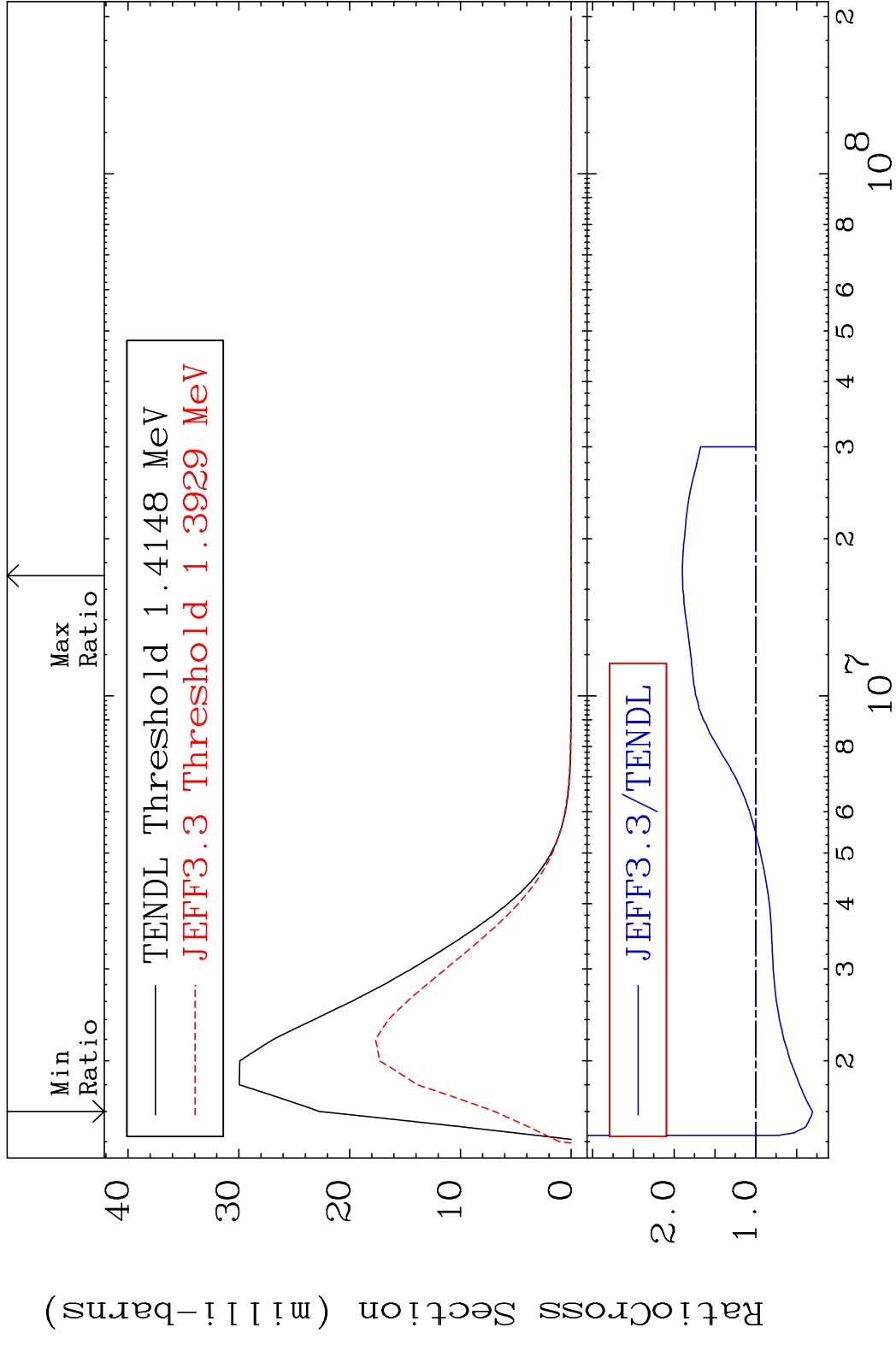
MT= 67 (n, n') Level

81-Tl-203

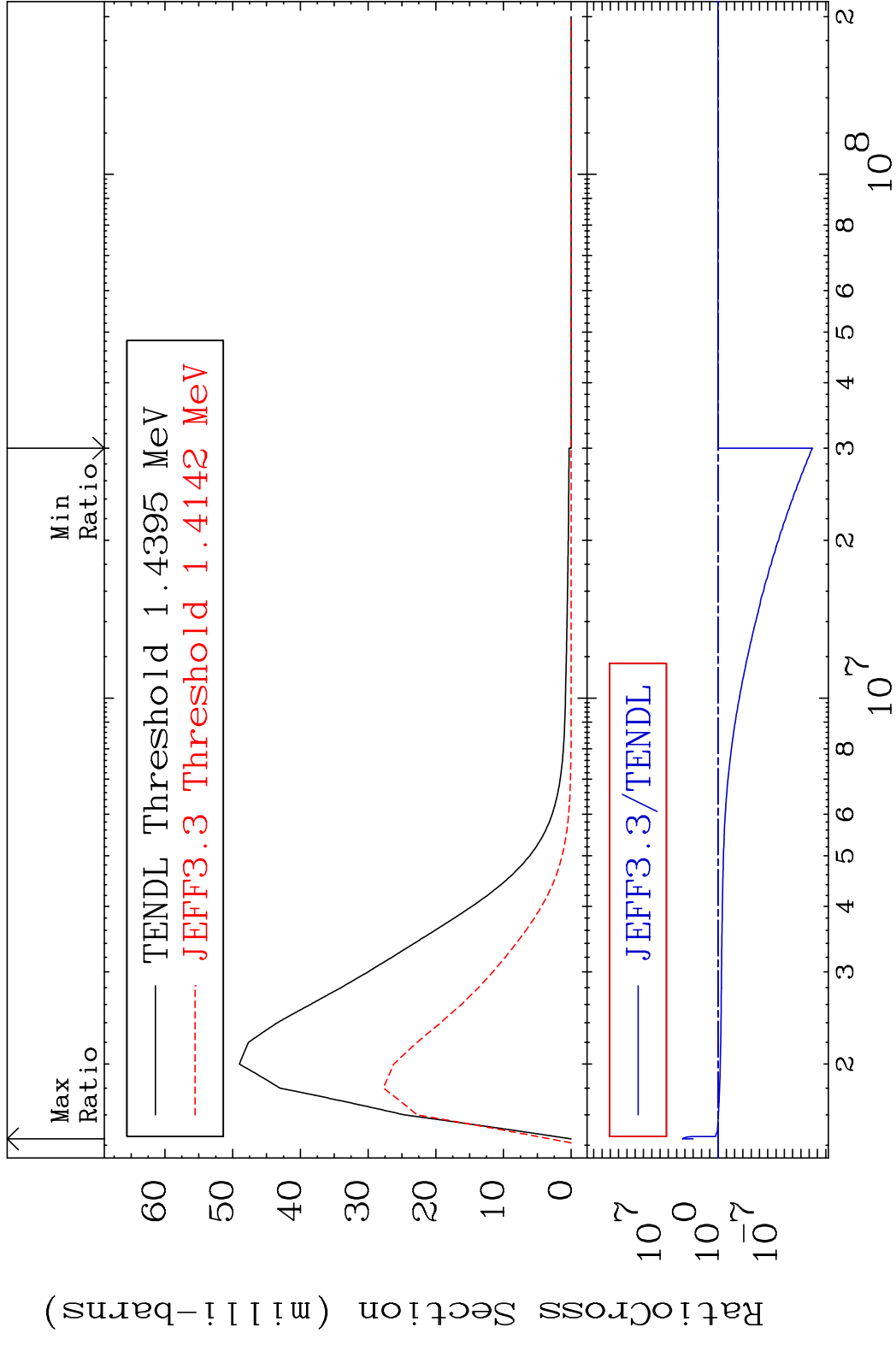
Cross Section -21.43 To 2129. %



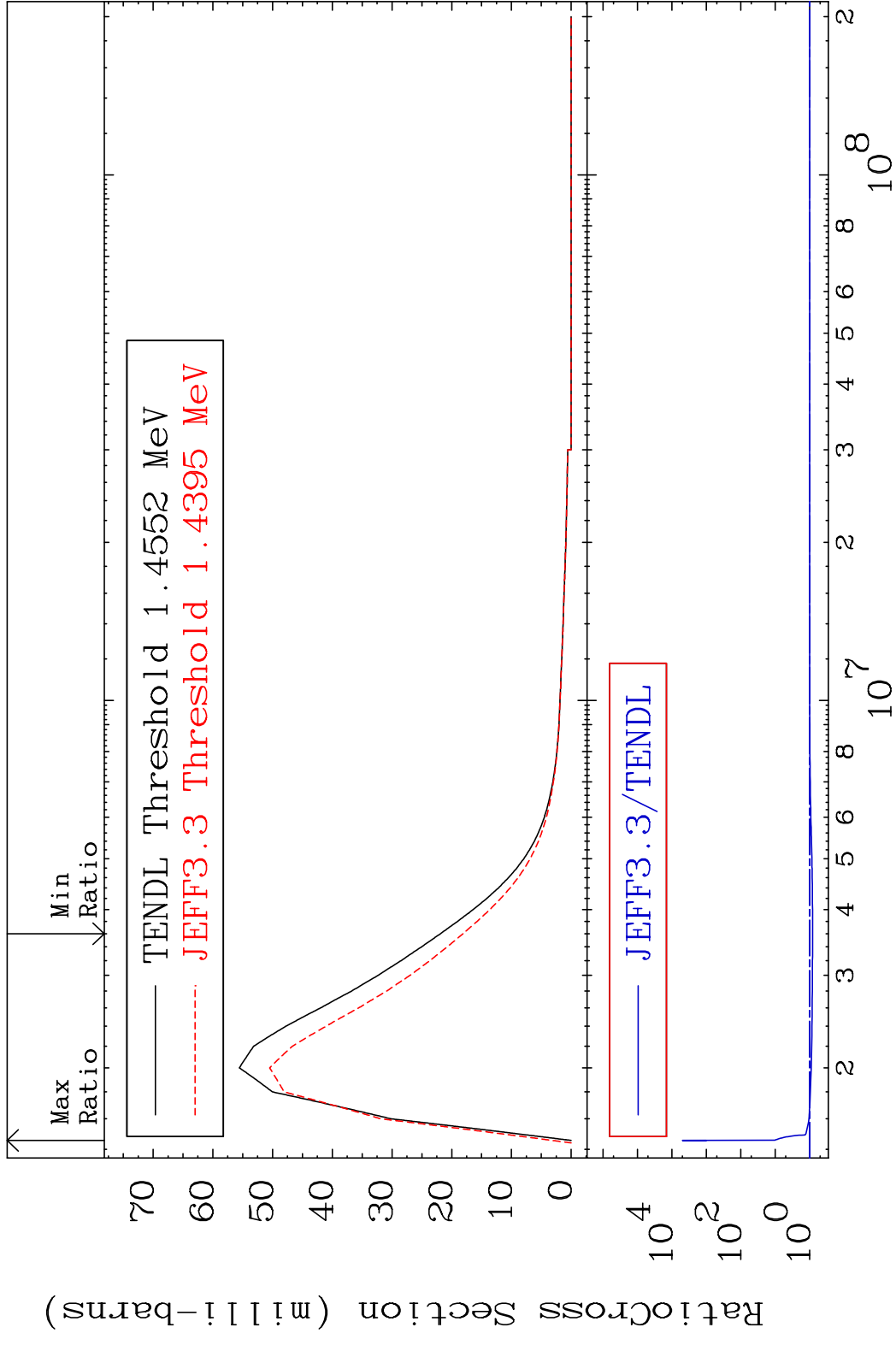
MAT 8125 MT= 68 (n, n') Level 81-Tl-203  
 Cross Section -69.52 To 89.98 %



MAT 8125 MT= 69 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 9999. %

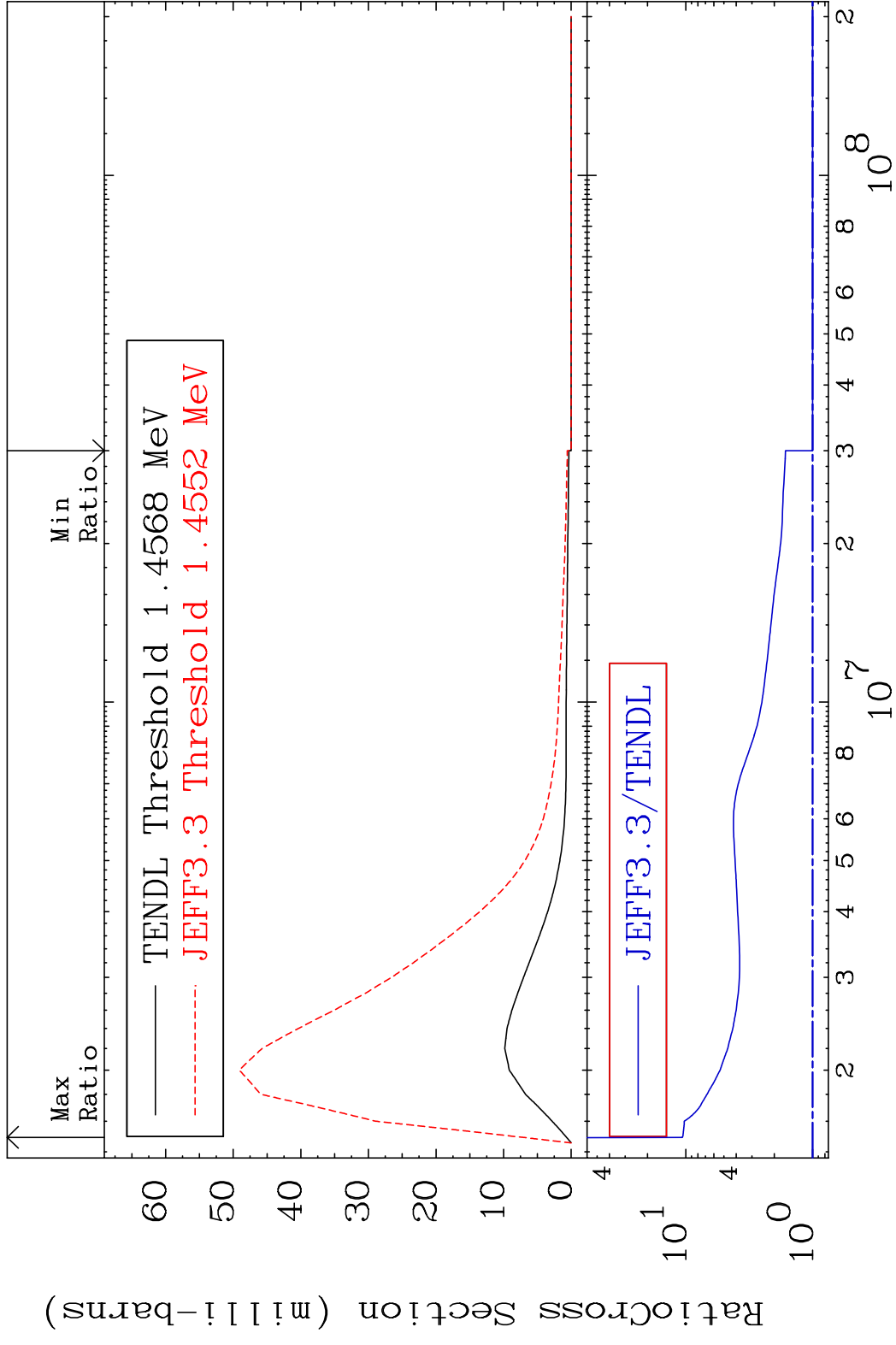


MAT 8125 MT= 70 (n, n') Level 81-Tl-203  
 Cross Section -17.27 To 9999. %



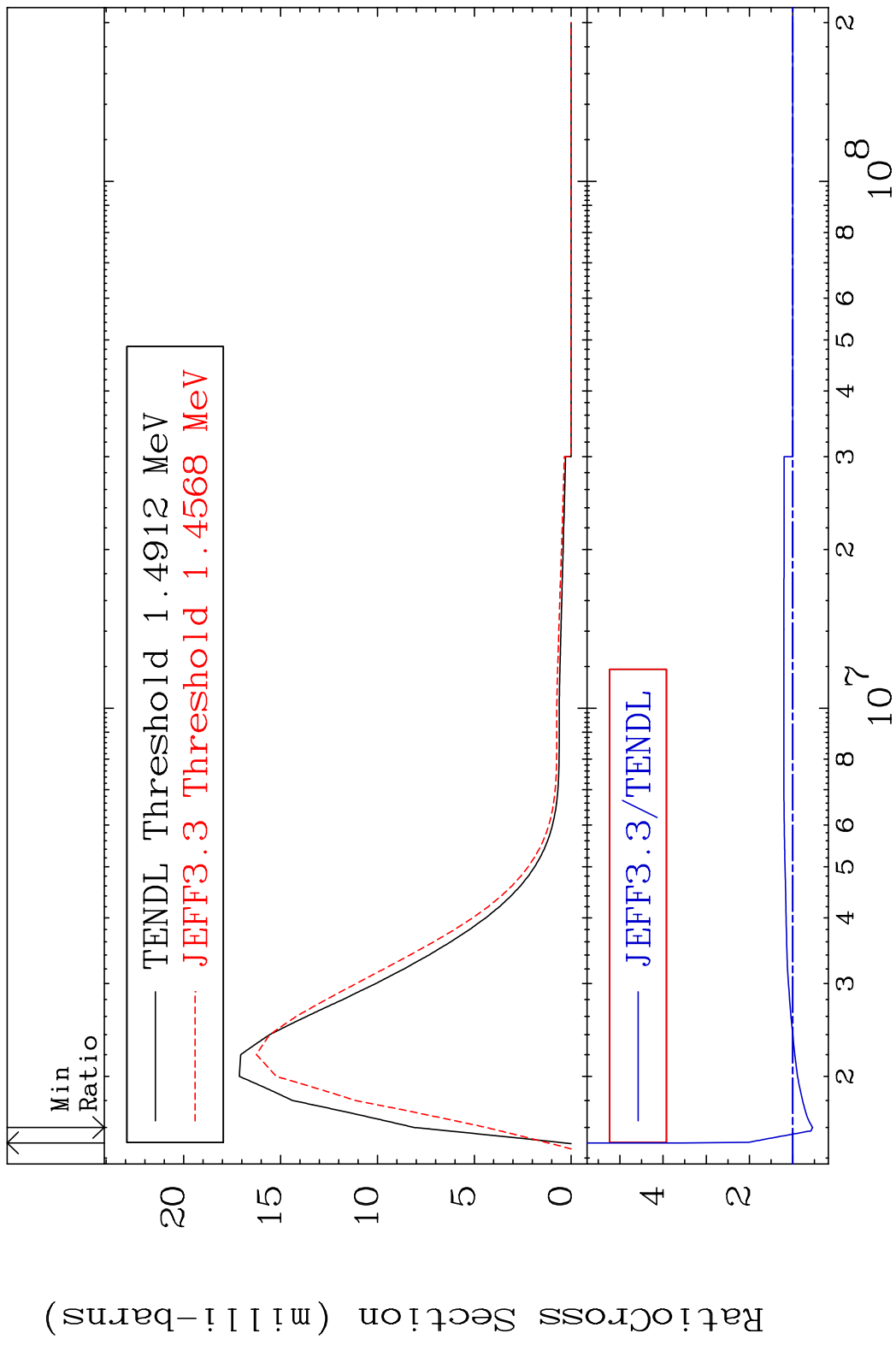


MAT 8125 MT= 71 (n, n') Level 81-Tl-203  
 Cross Section 0.000 To 963.0 %

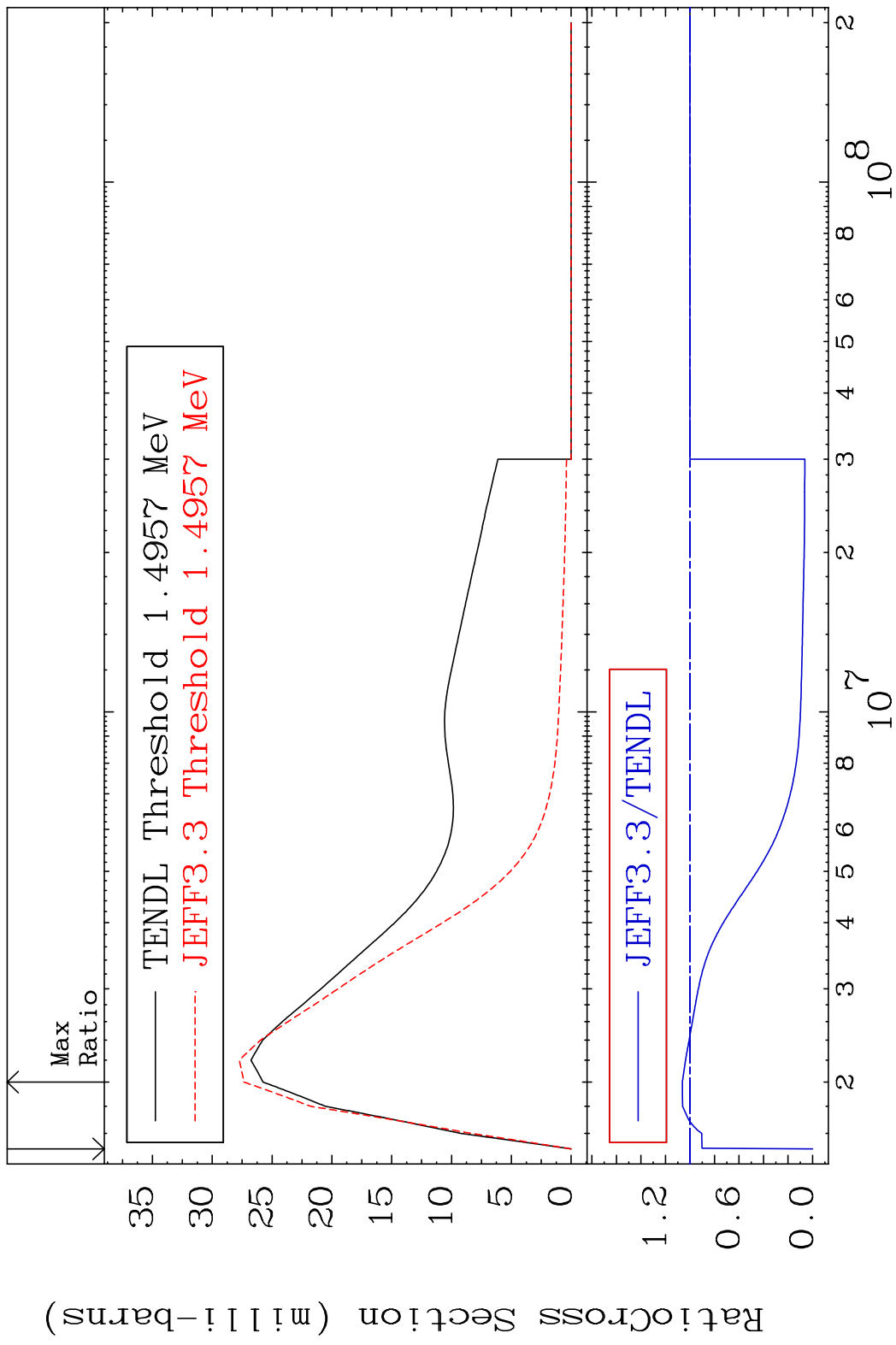


40 Incident Energy (eV) 81-Tl-203

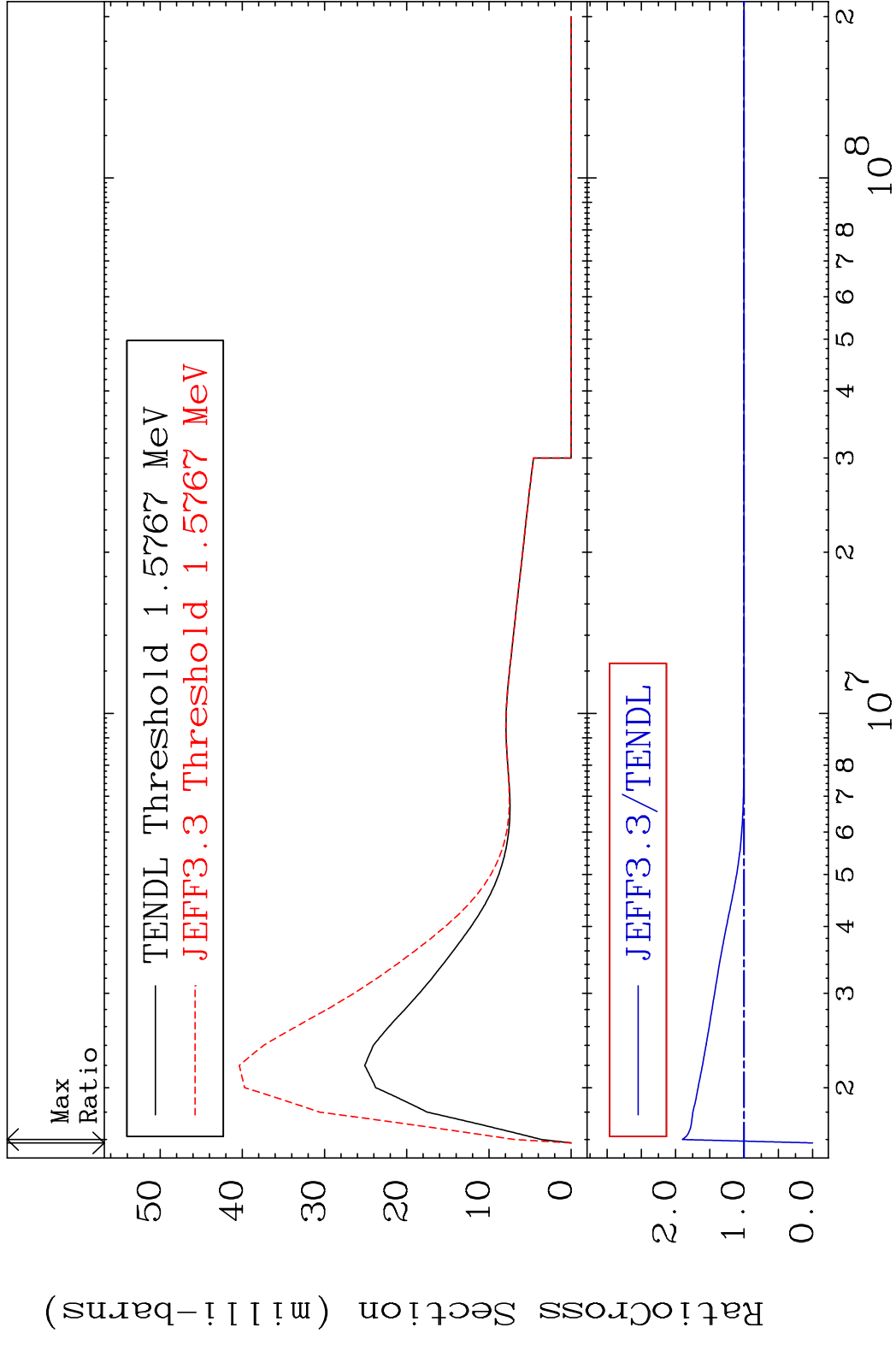
MAT 8125 MT= 72 (n, n') Level 81-Tl-203  
 Cross Section -45.92 To 255.4 %



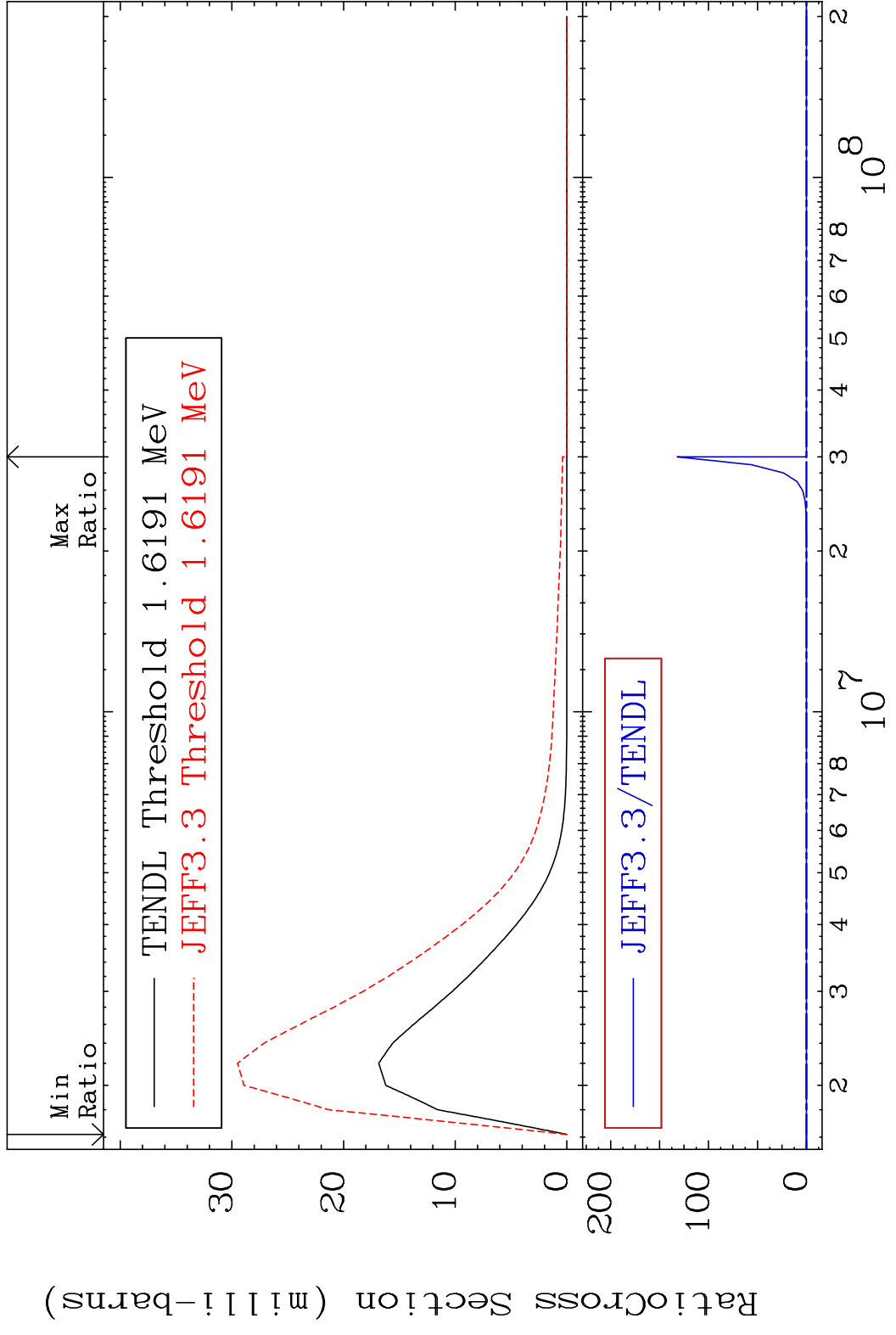
MAT 8125 MT= 73 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 6.222 %



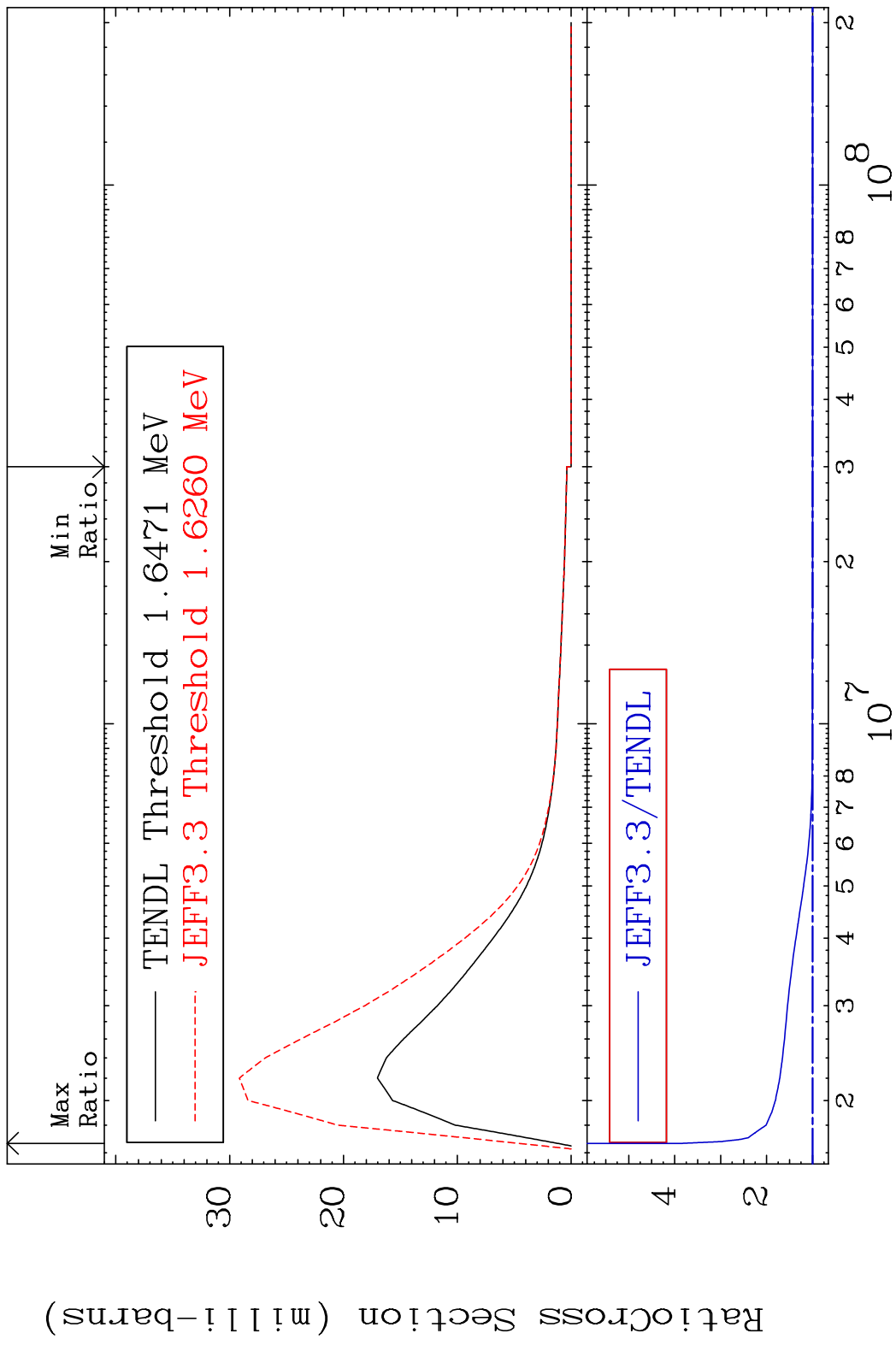
MAT 8125 MT= 74 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 90.12 %



MAT 8125 MT= 75 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 9999. %

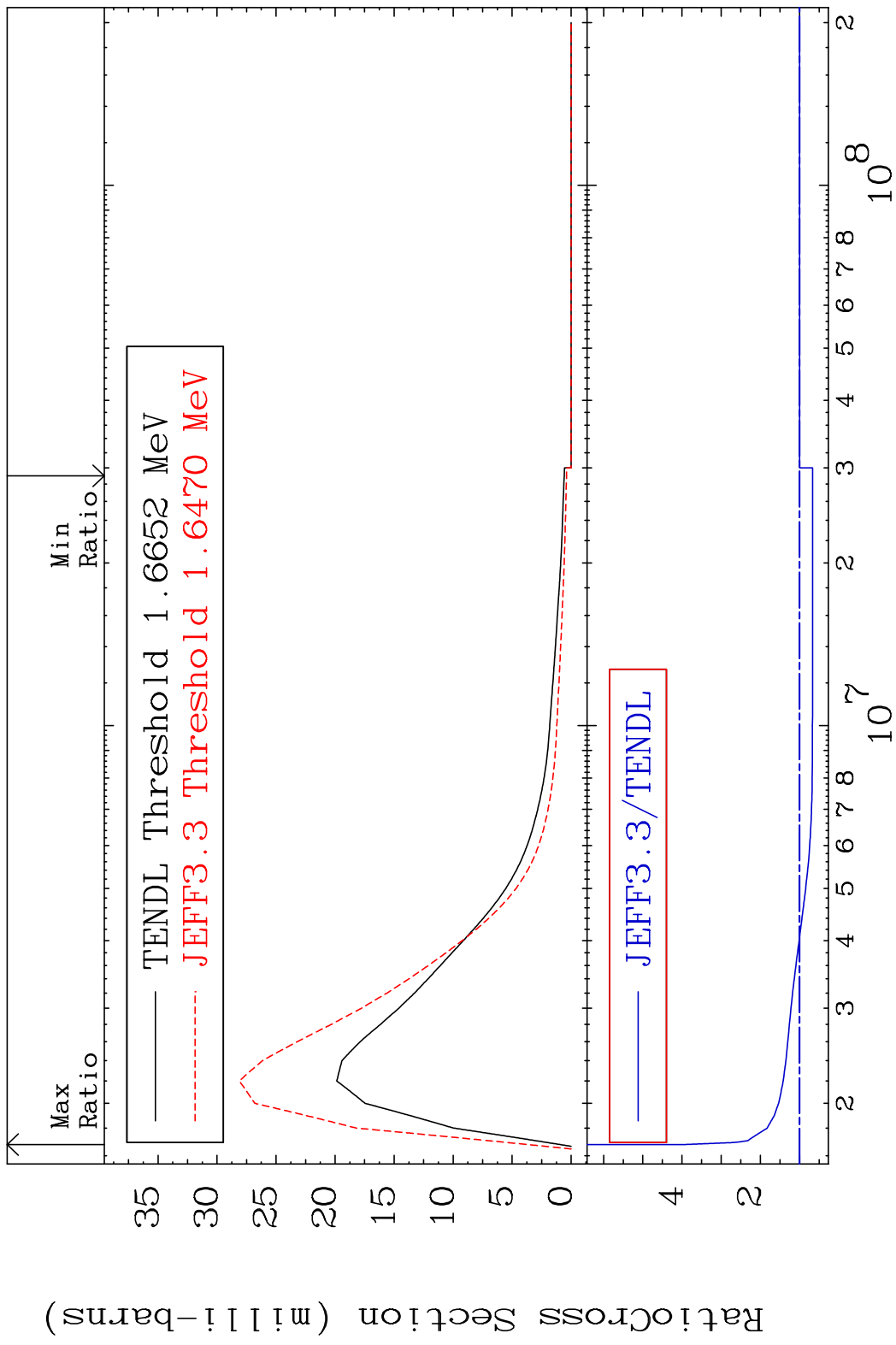


MAT 8125 MT= 76 (n,n') Level 81-Tl-203  
 Cross Section 0.000 To 283.3 %



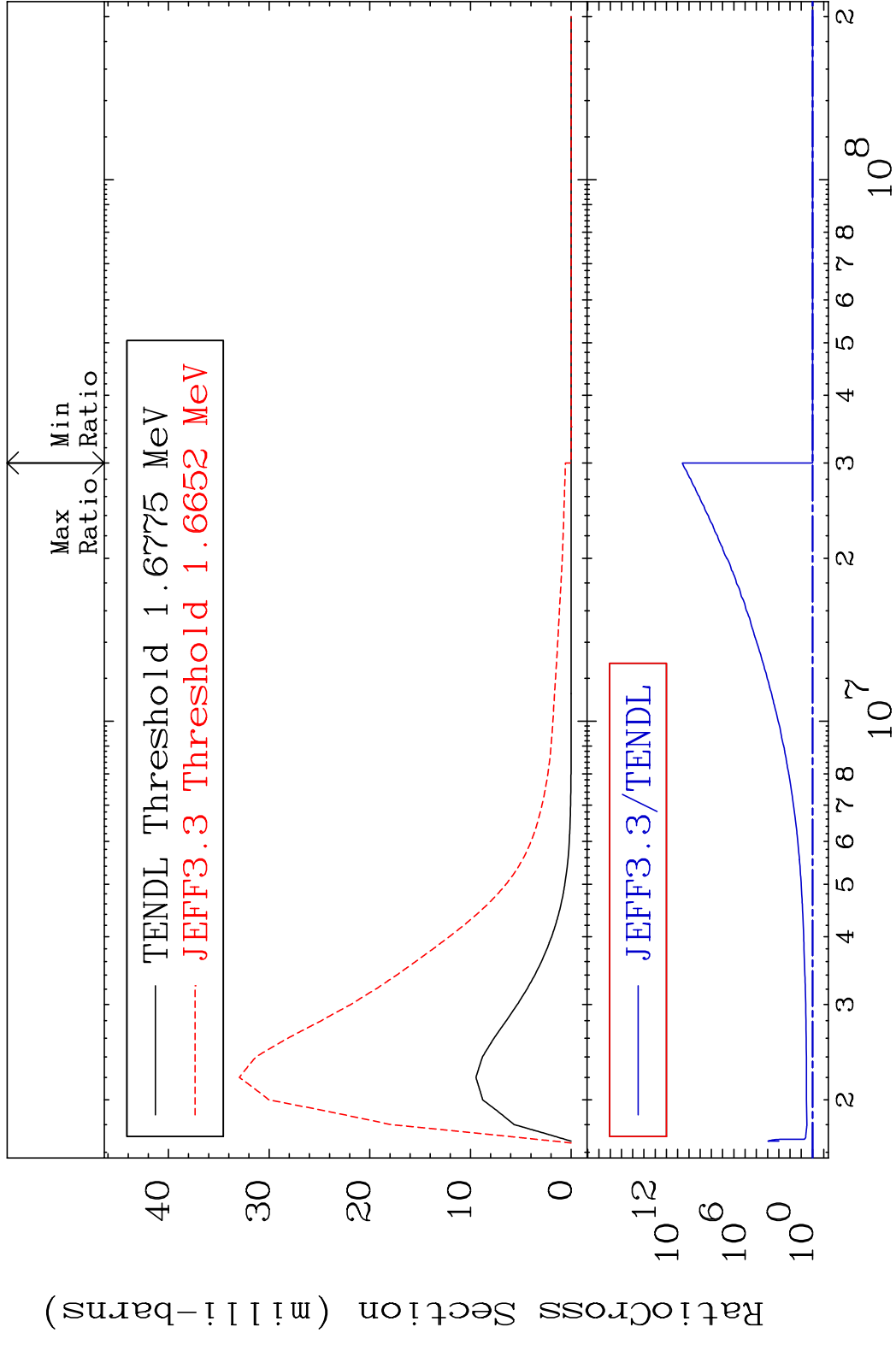
45 Incident Energy (eV) 81-Tl-203

MAT 8125 MT= 77 (n, n') Level 81-Tl-203  
 Cross Section -33.28 To 299.0 %



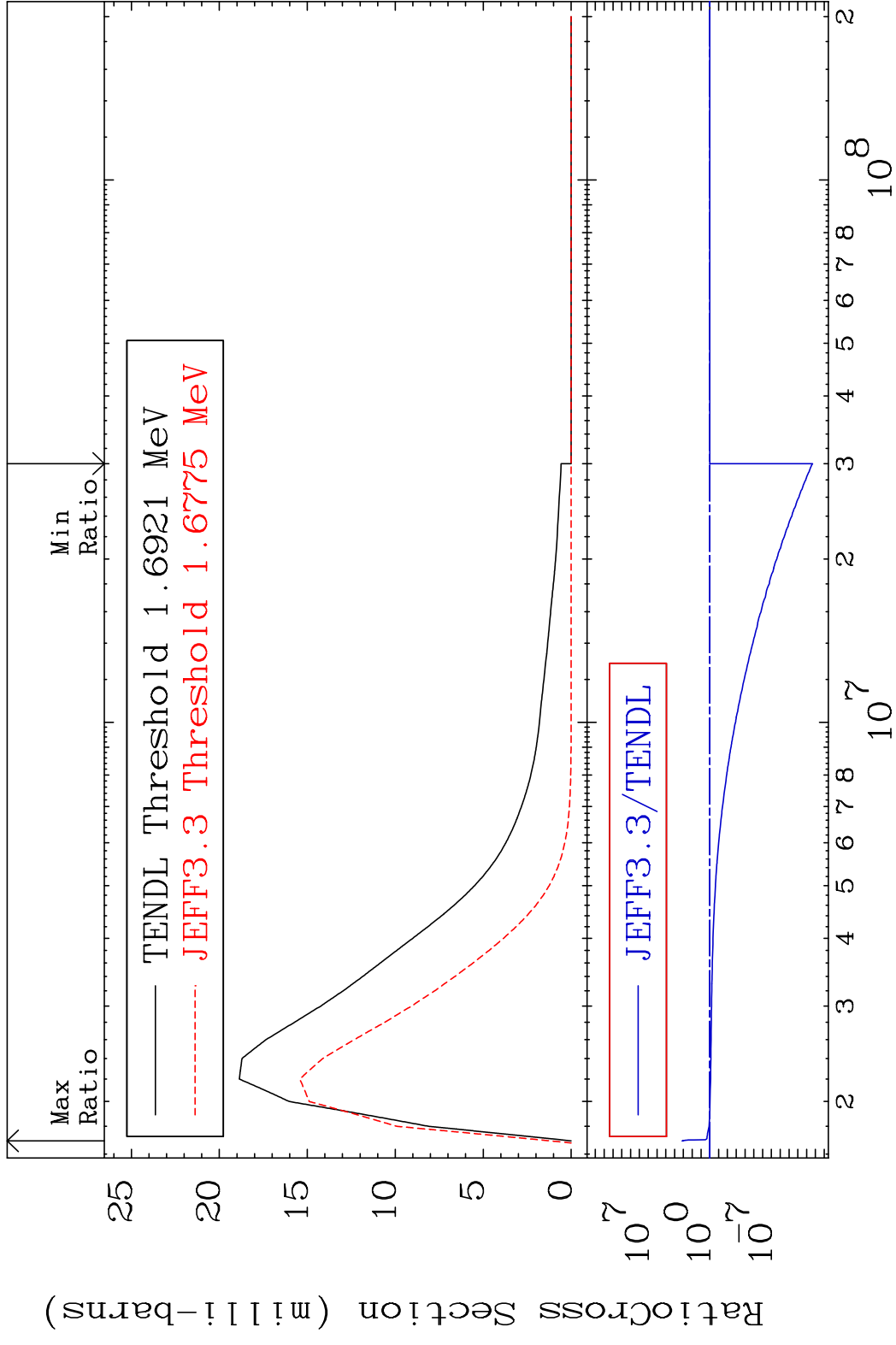
46 Incident Energy (eV) 81-Tl-203

MAT 8125 MT= 78 (n, n') Level 81-Tl-203  
 Cross Section 0.000 To 9999. %

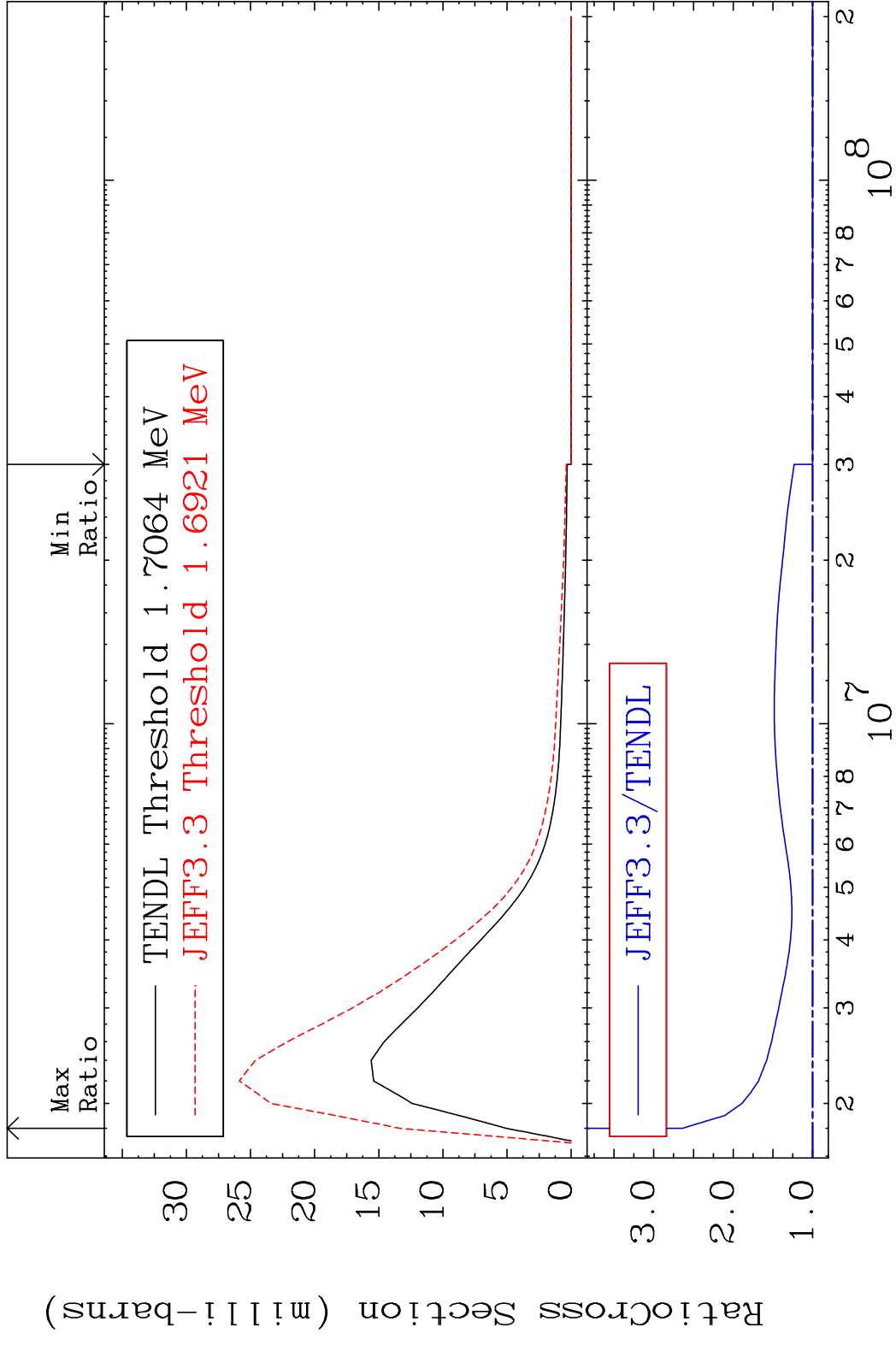




MAT 8125 MT= 79 (n, n') Level 81-Tl-203  
 Cross Section -100.0 To 9999. %



MAT 8125 MT= 80 (n, n') Level 81-Tl-203  
 Cross Section 0.000 To 164.0 %

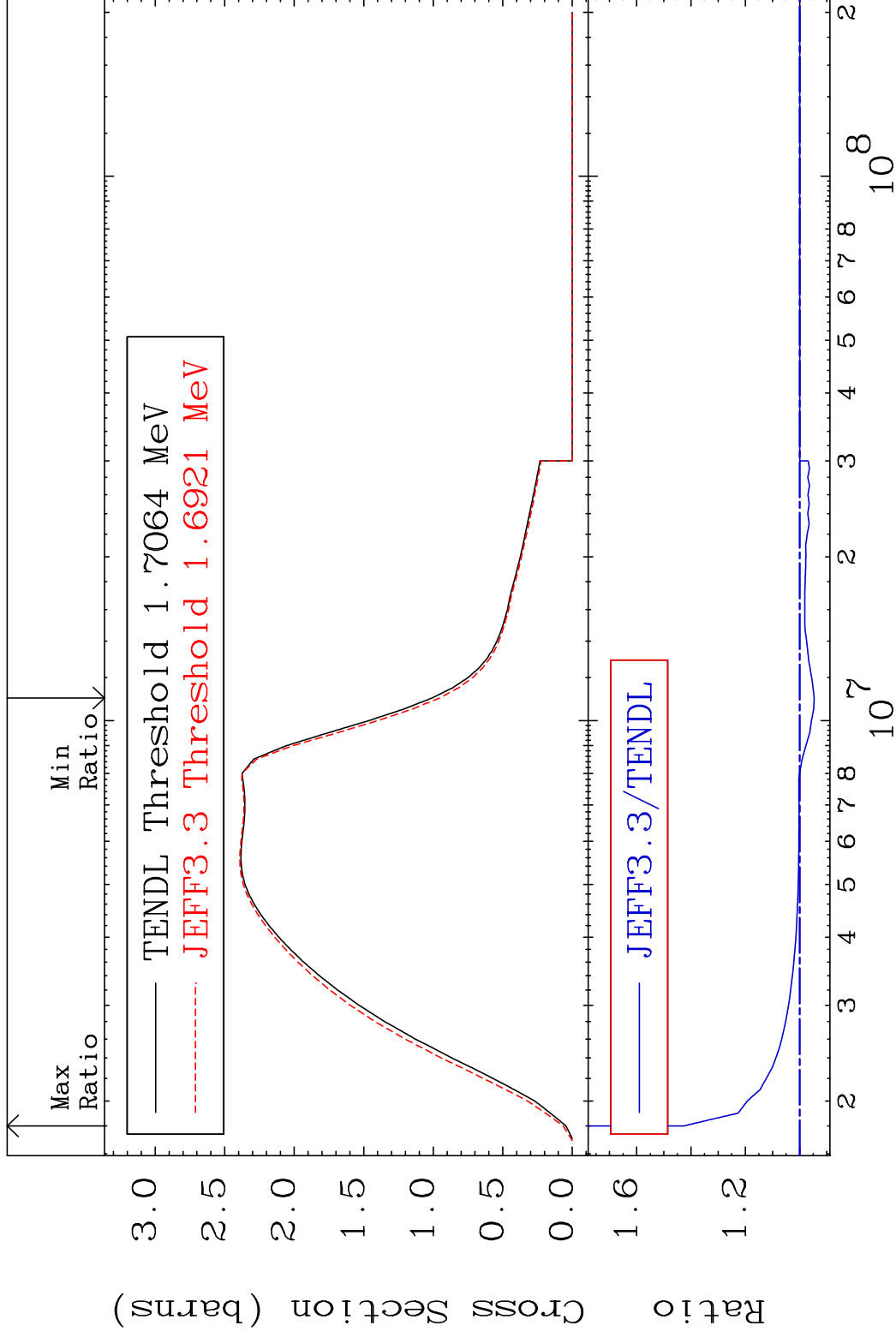


MAT 8125

(n,n') Continuum

81-Tl-203

Cross Section -5.320 To 42.69 %



50

Incident Energy (eV)

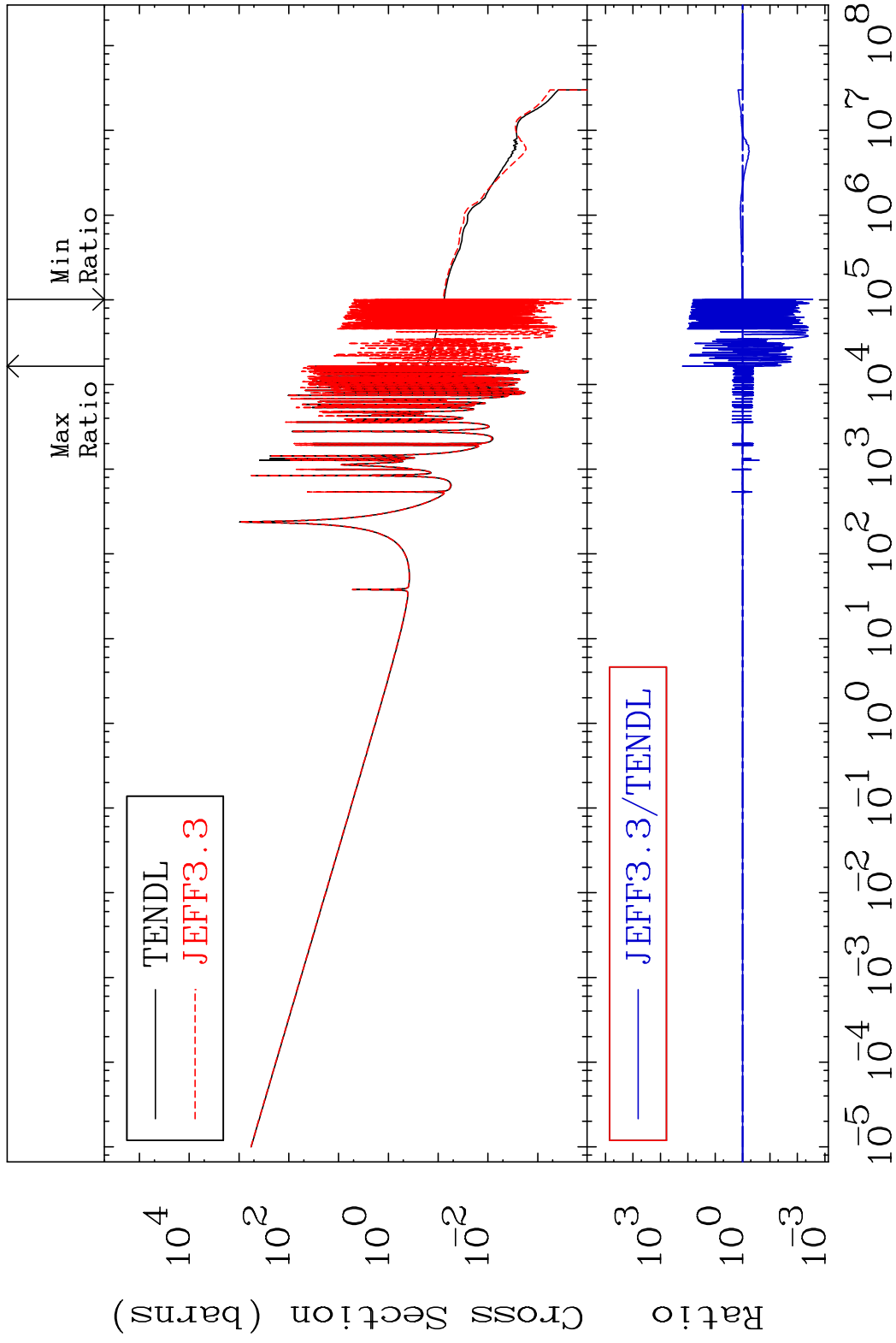
81-Tl-203

MAT 8125

(n,  $\gamma$ )

81-T1-203

Cross Section -99.72 To 9999. %



51

Incident Energy (eV)

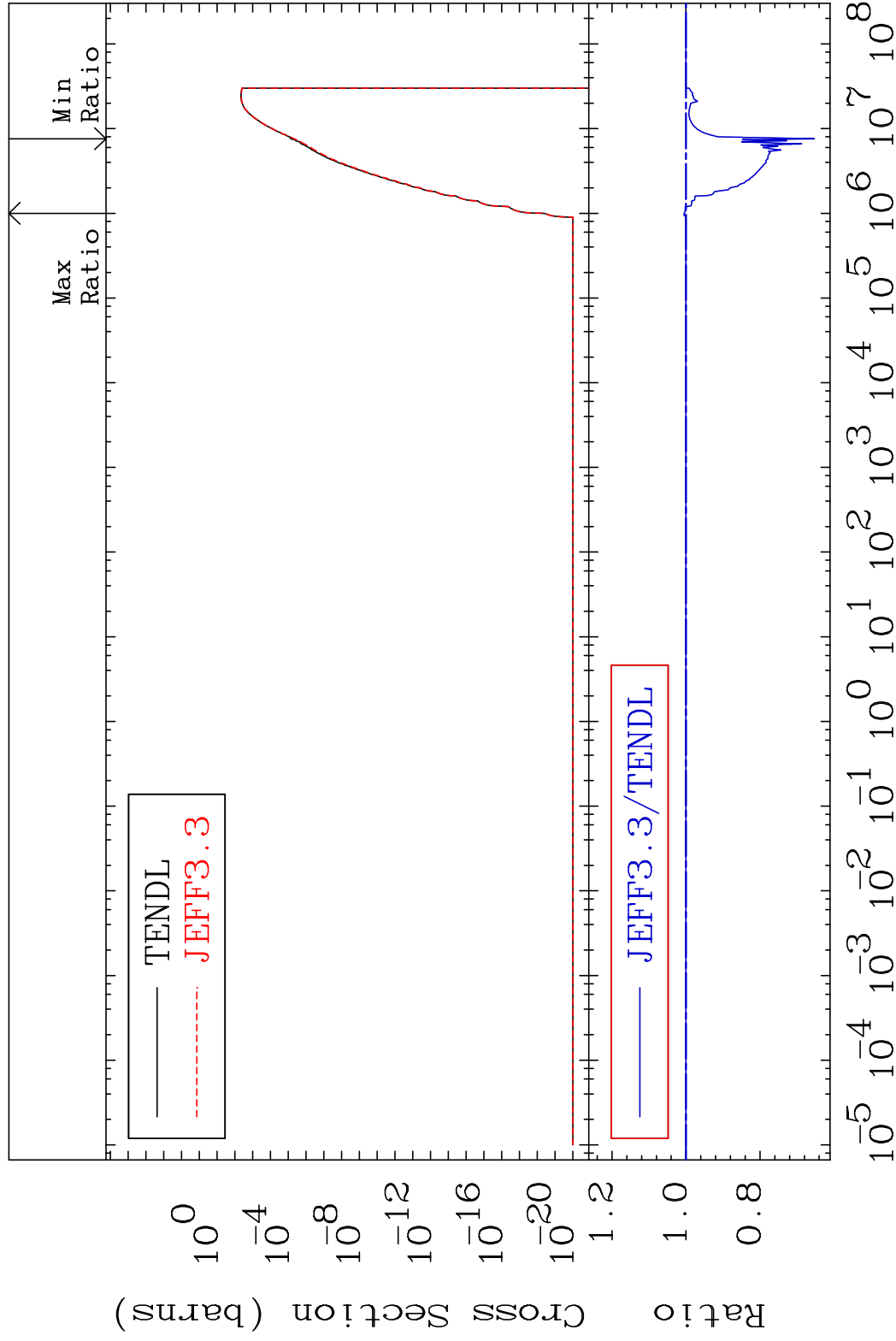
81-T1-203

MAT 8125

(n, p)

81-T1-203

Cross Section -34.66 To 0.526 %

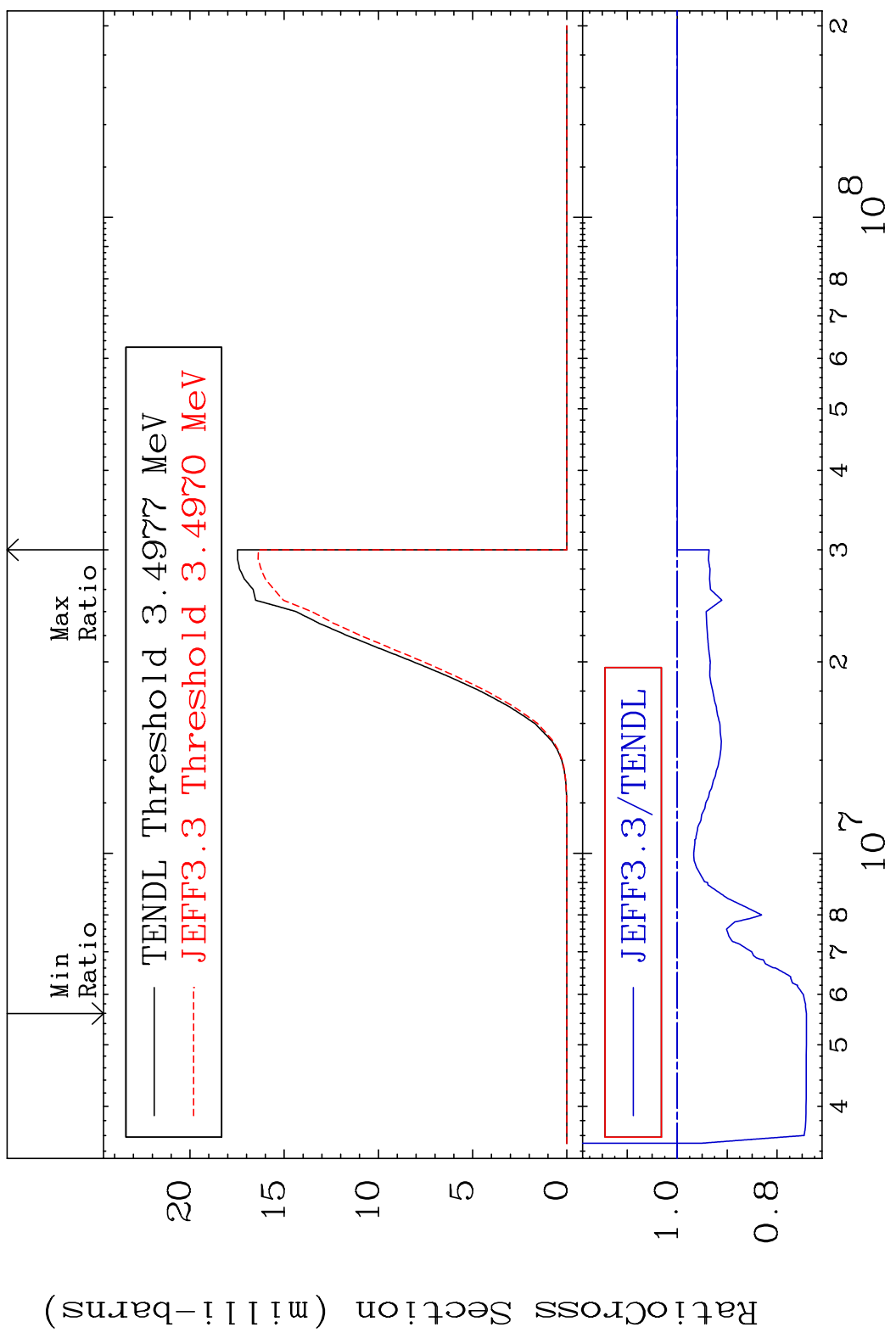


MAT 8125

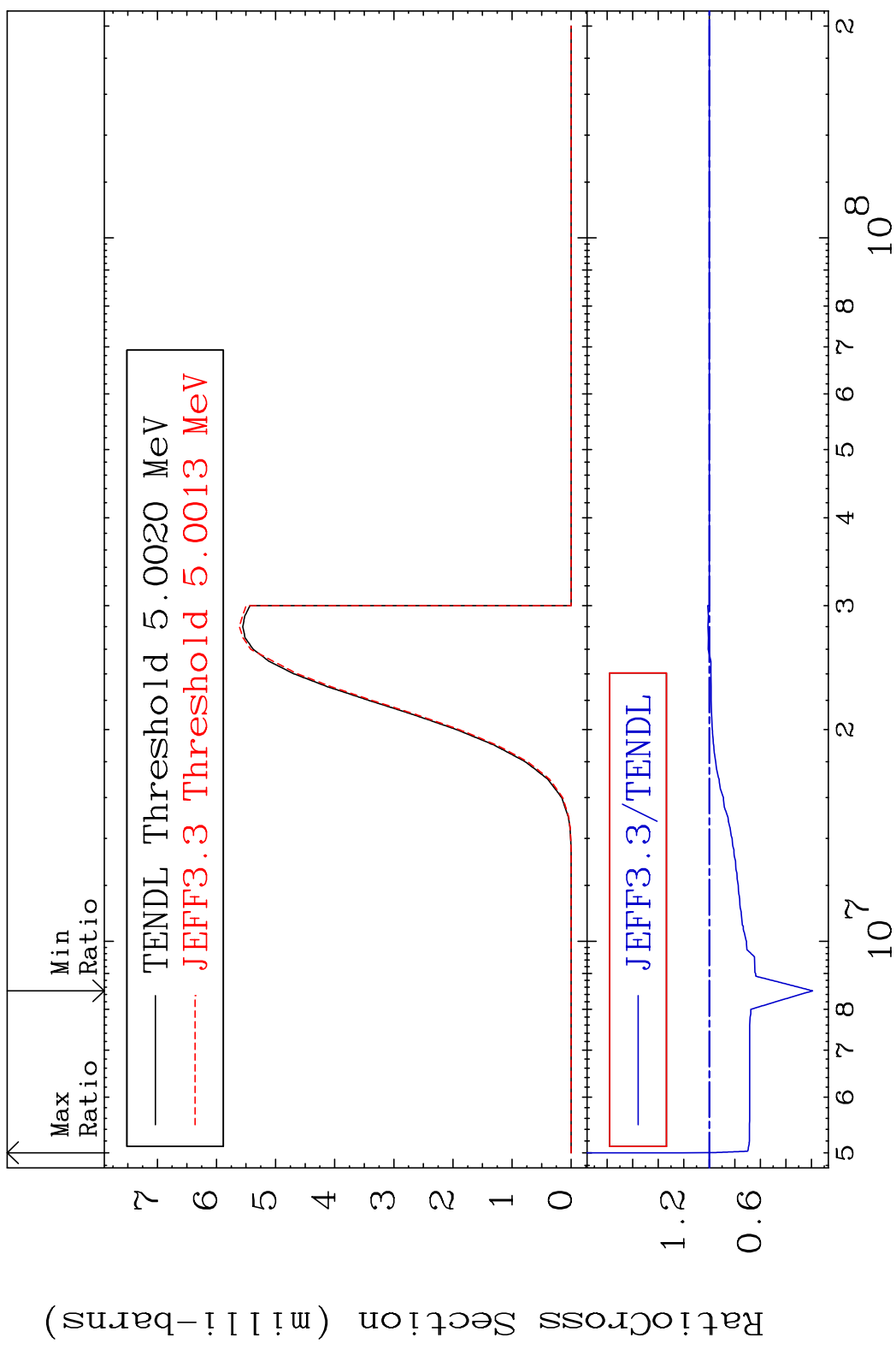
(n, d)

81-Tl-203

Cross Section -25.86 To 0.000 %



Cross Section -80.94 To 21.04 %

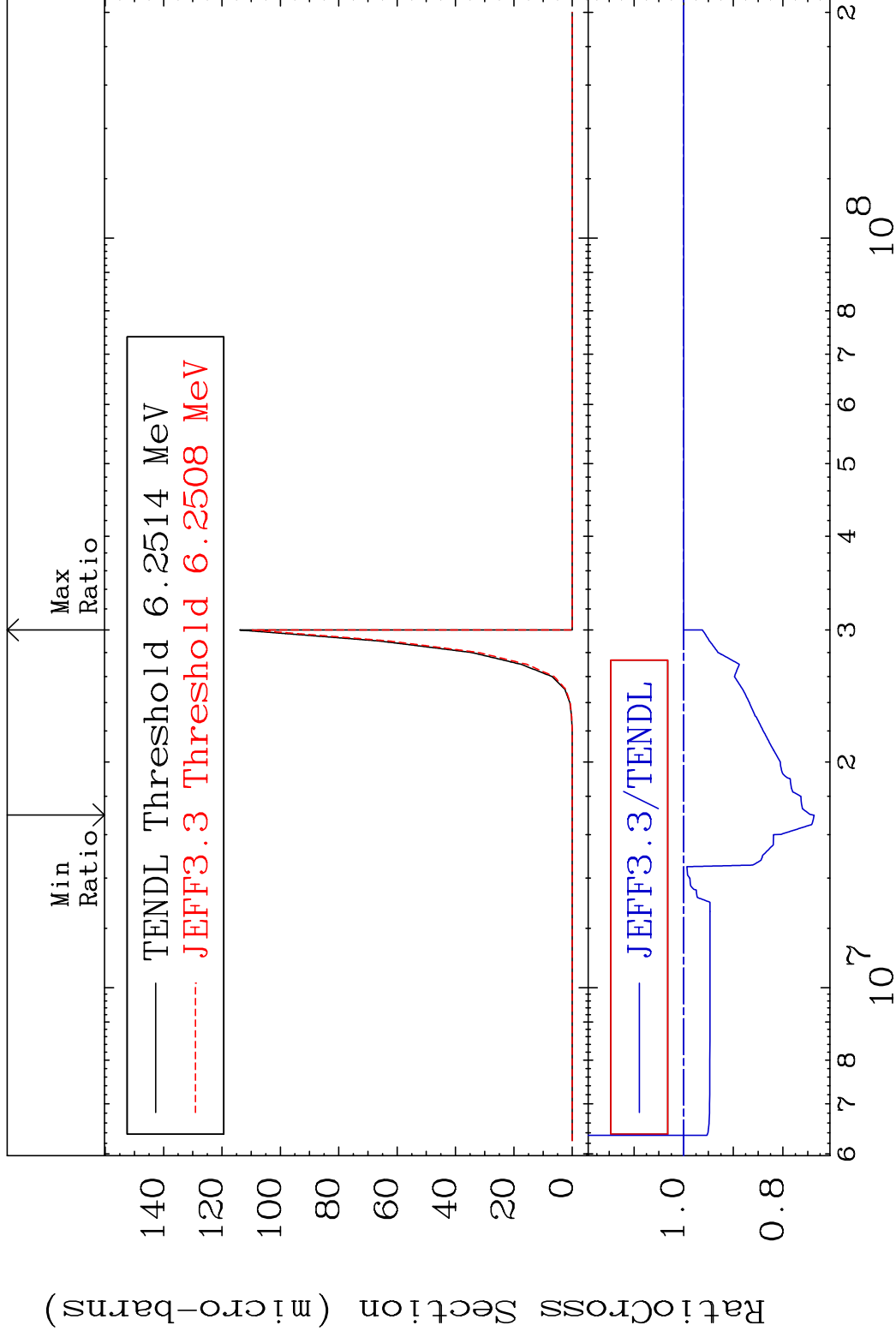


MAT 8125

(n, He-3)

81-Tl-203

Cross Section -26.28 To 0.000 %



55

Incident Energy (eV)

81-Tl-203

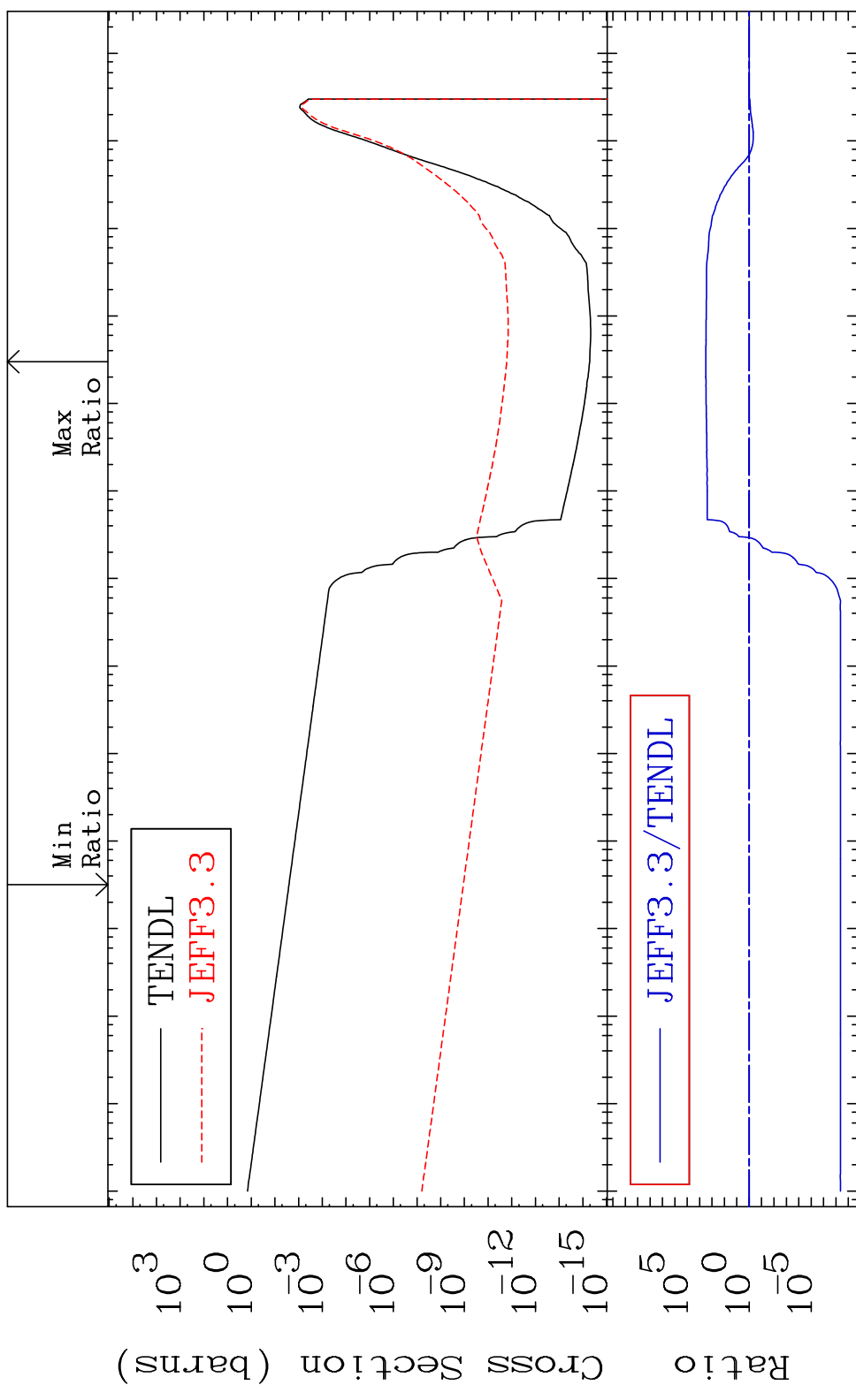


MAT 8125

(n,  $\alpha$ )

81-T1-203

Cross Section -100.0 To 9999. %



10<sup>3</sup>  
 10<sup>0</sup>  
 10<sup>-3</sup>  
 10<sup>-6</sup>  
 10<sup>-9</sup>  
 10<sup>-12</sup>  
 10<sup>-15</sup>  
 Cross Section (barns)

10<sup>5</sup>  
 10<sup>0</sup>  
 10<sup>-5</sup>  
 Ratio

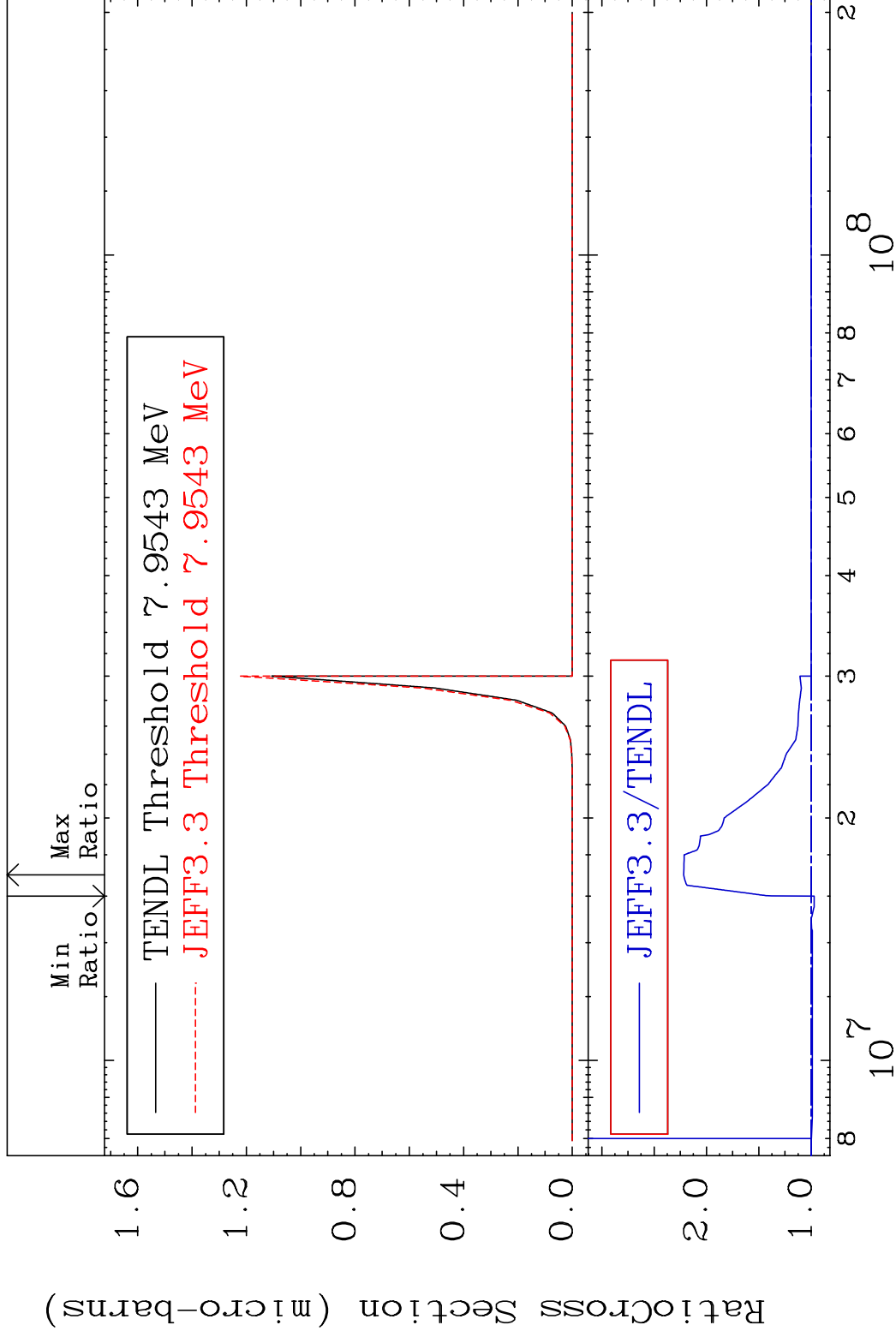
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>  
 Incident Energy (eV)

MAT 8125

(n,2p)

81-Tl-203

Cross Section -2.838 To 121.8 %

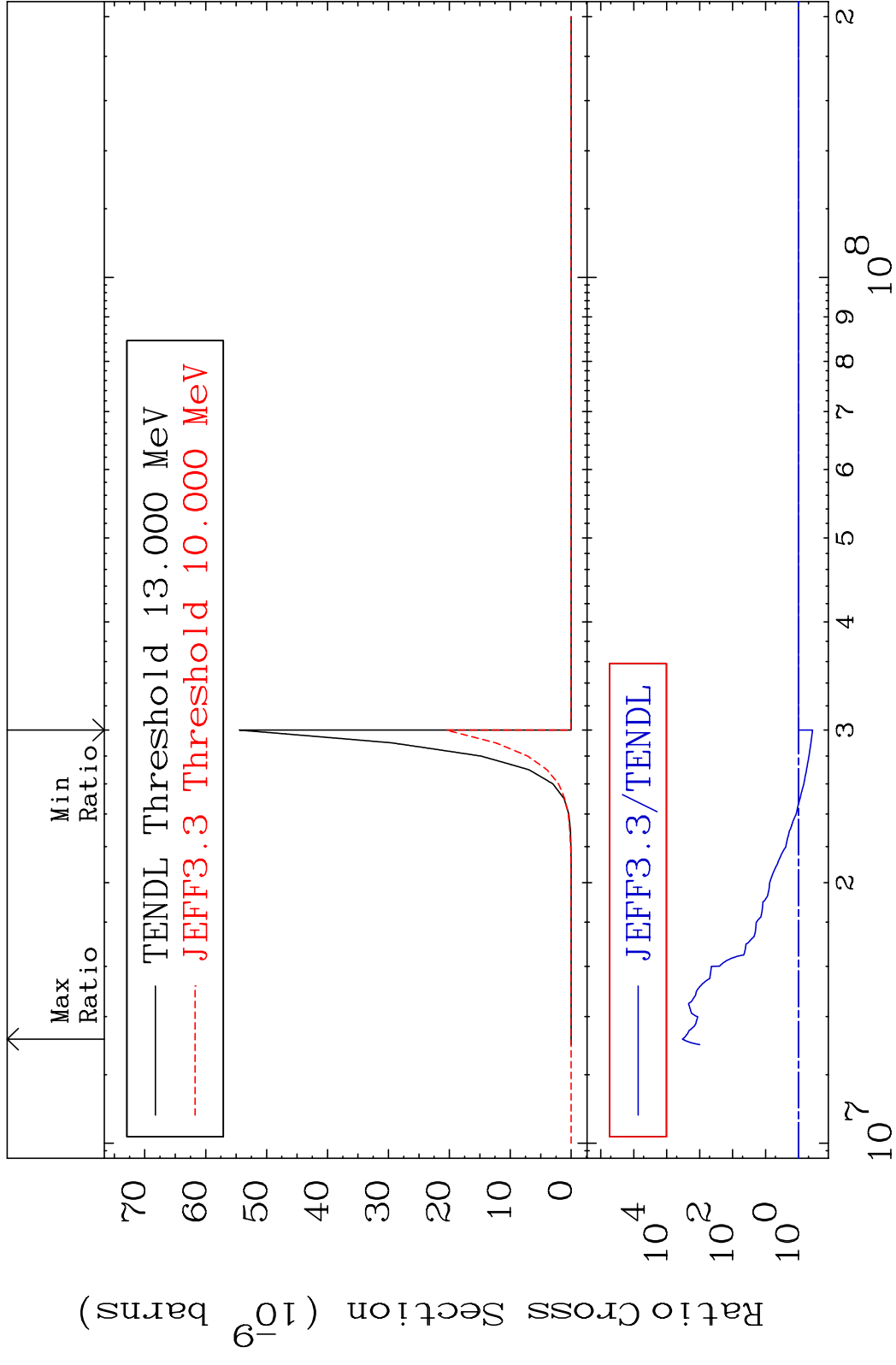


57

Incident Energy (eV)

81-Tl-203

Cross Section -62.34 To 9999. %

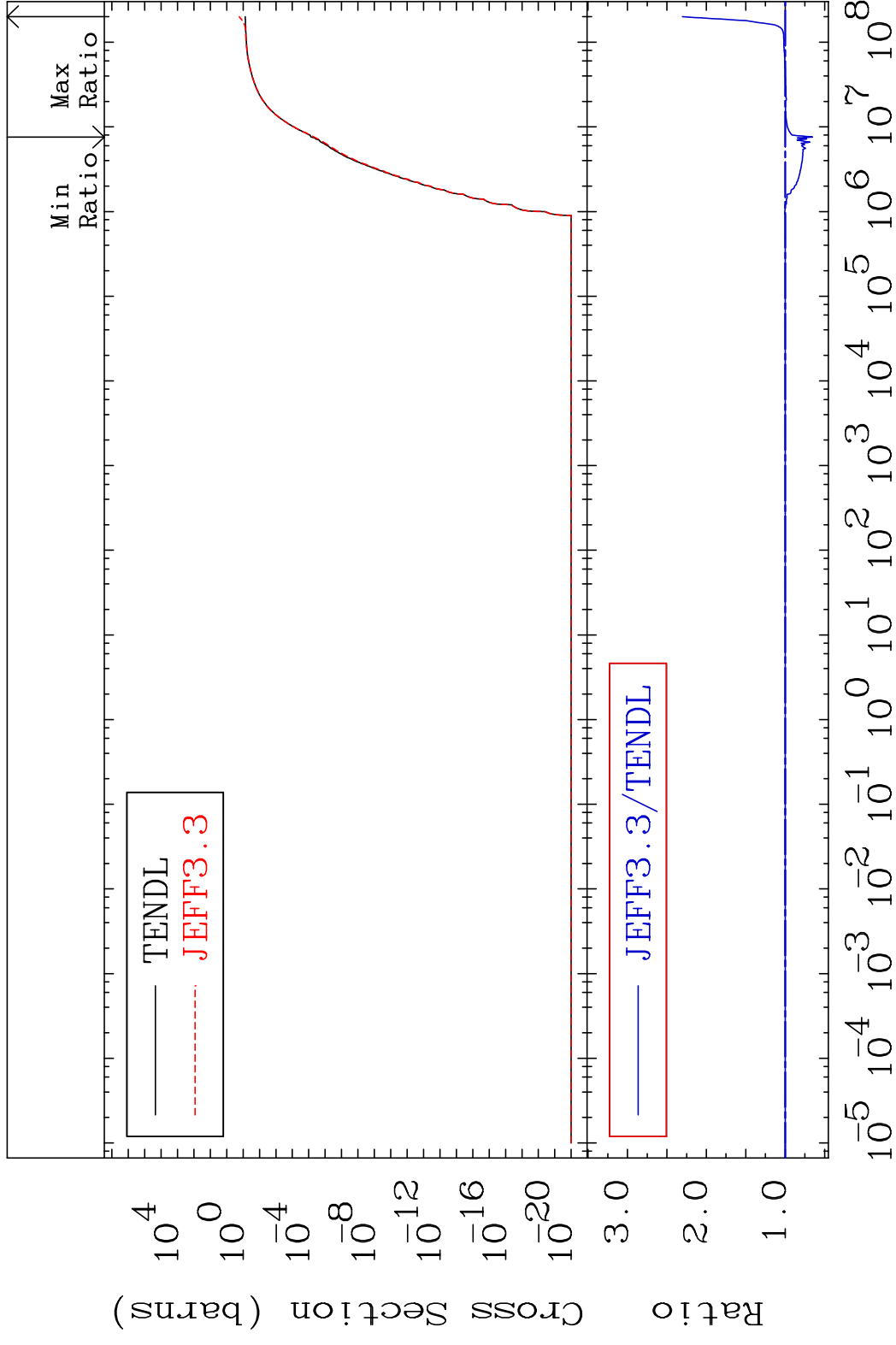


MAT 8125

Hydrogen Production

81-T1-203

Cross Section -34.66 To 130.4 %

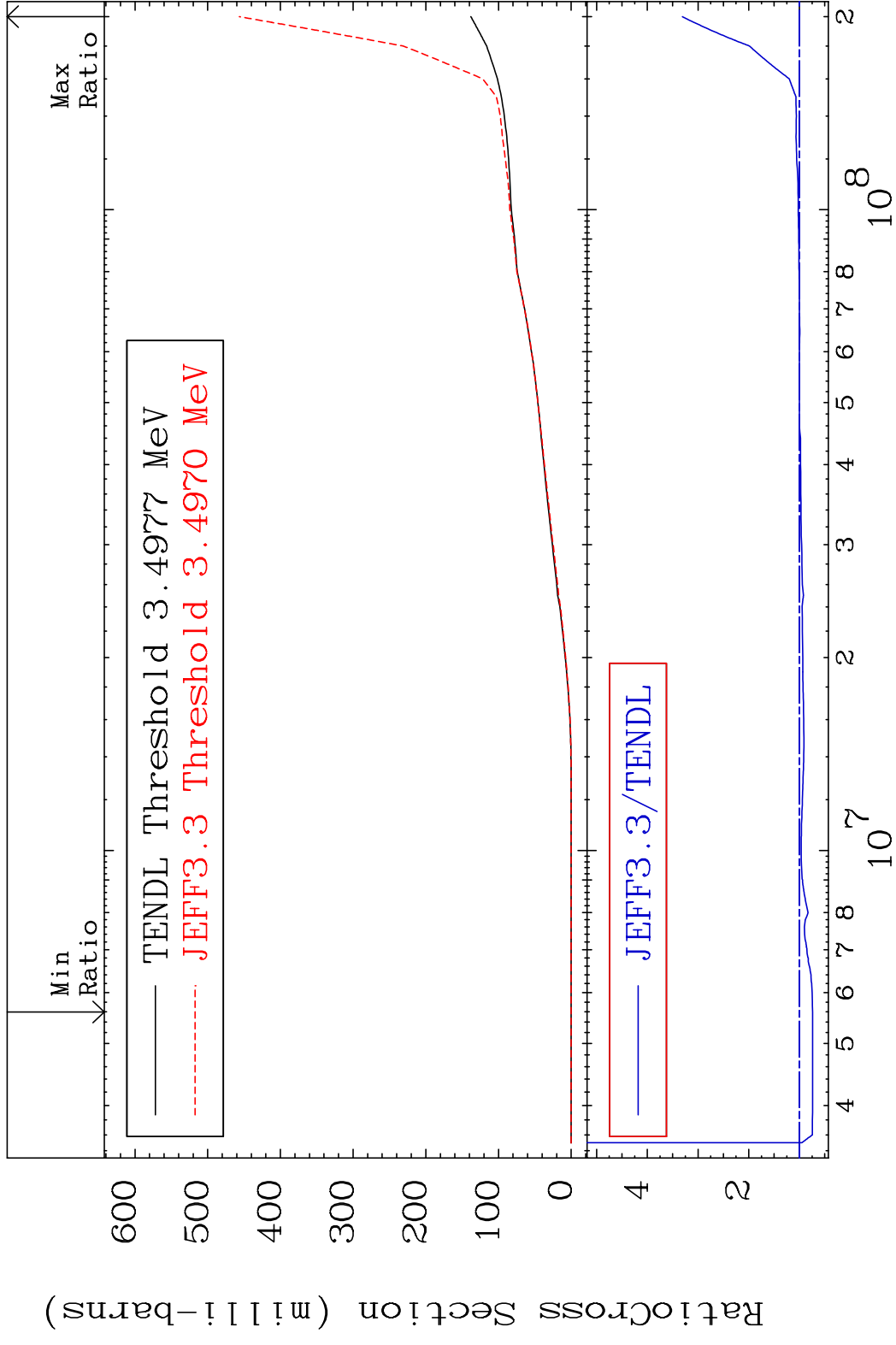


MAT 8125

Deuterium Production

81-T1-203

Cross Section -25.86 To 230.9 %



60

Incident Energy (eV)

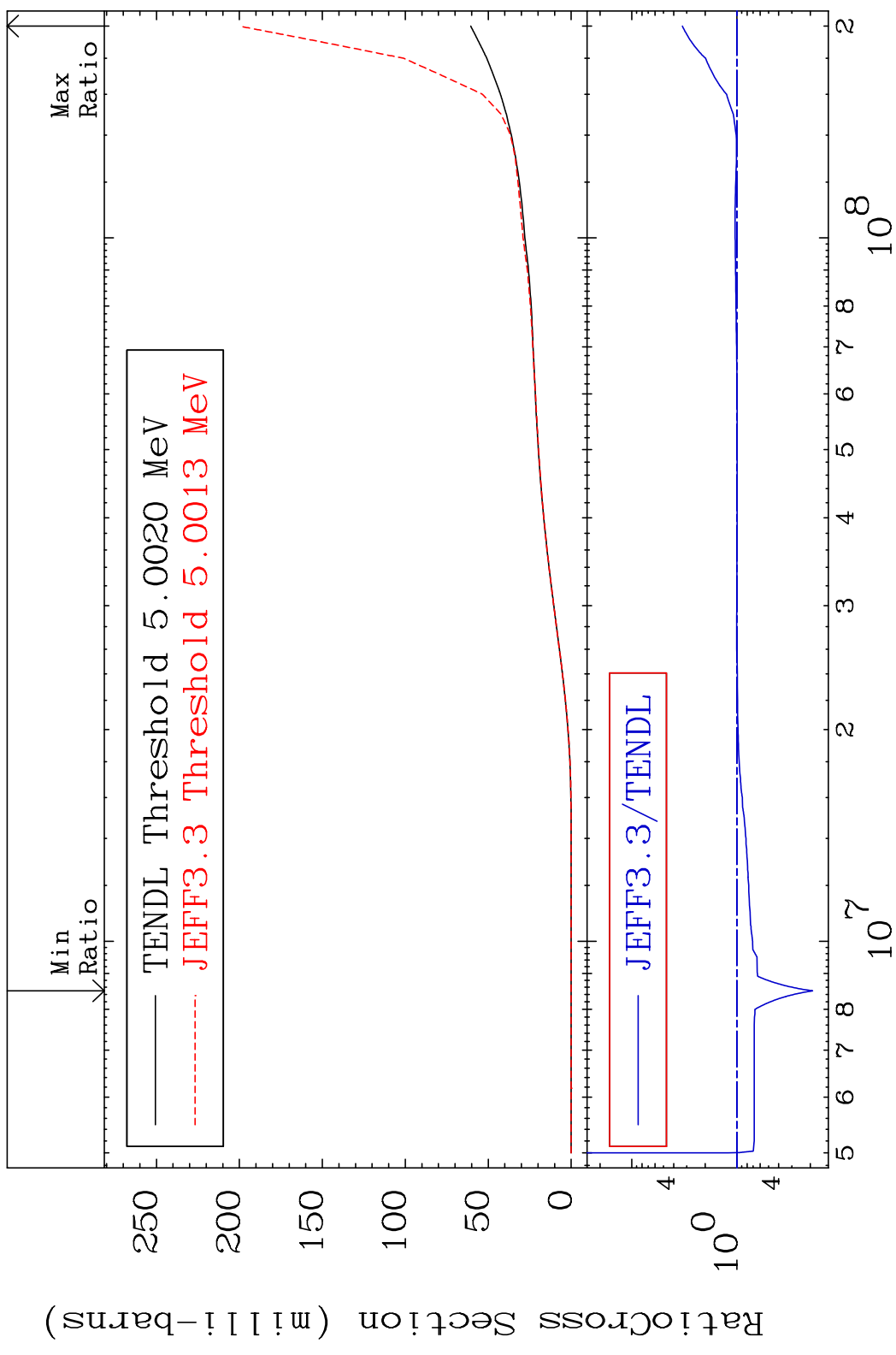
81-T1-203

MAT 8125

Tritium Production

81-Tl-203

Cross Section -80.94 To 230.3 %



61

Incident Energy (eV)

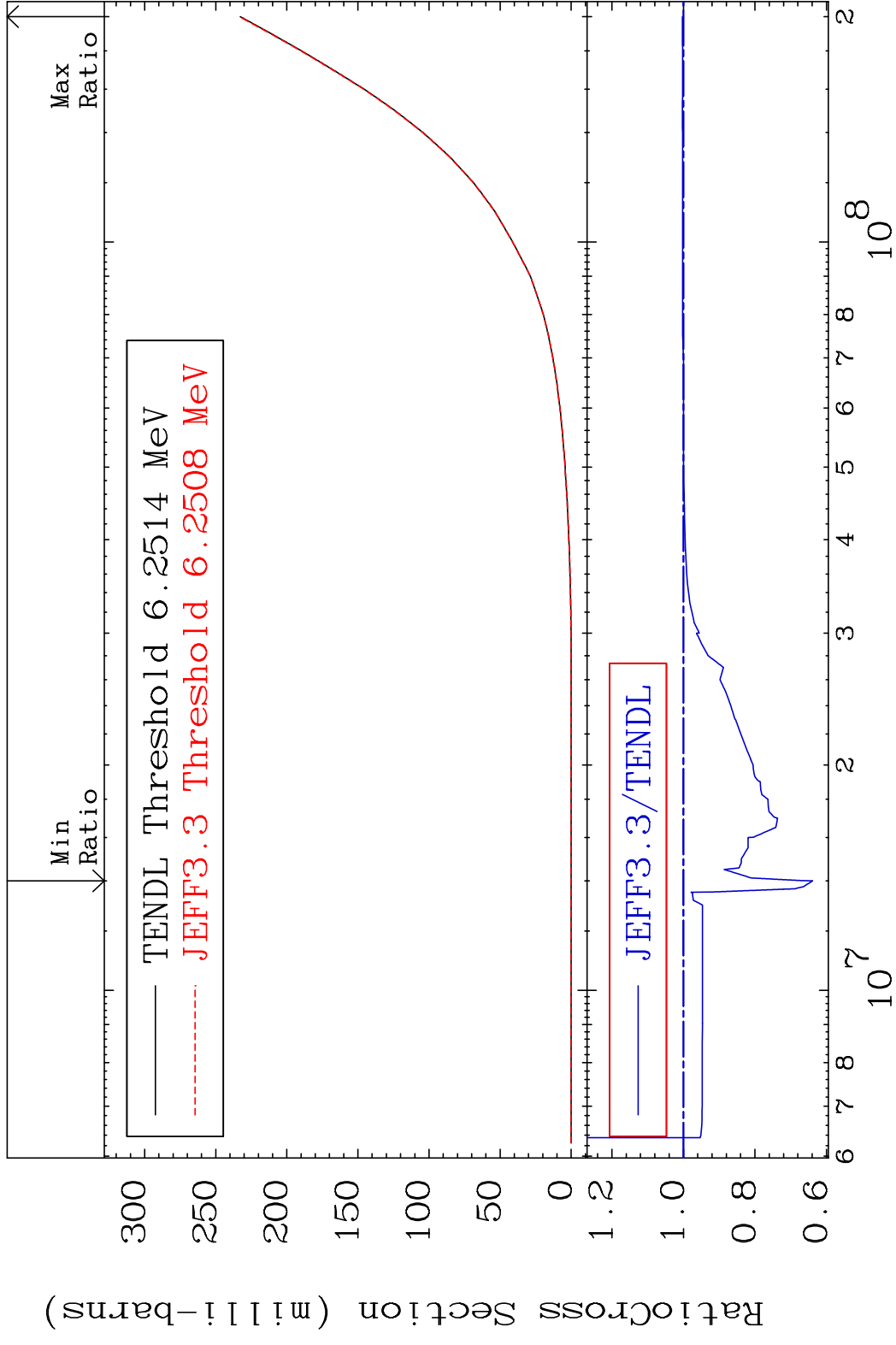
81-Tl-203

MAT 8125

He-3 Production

81-T1-203

Cross Section -36.11 To 0.301 %

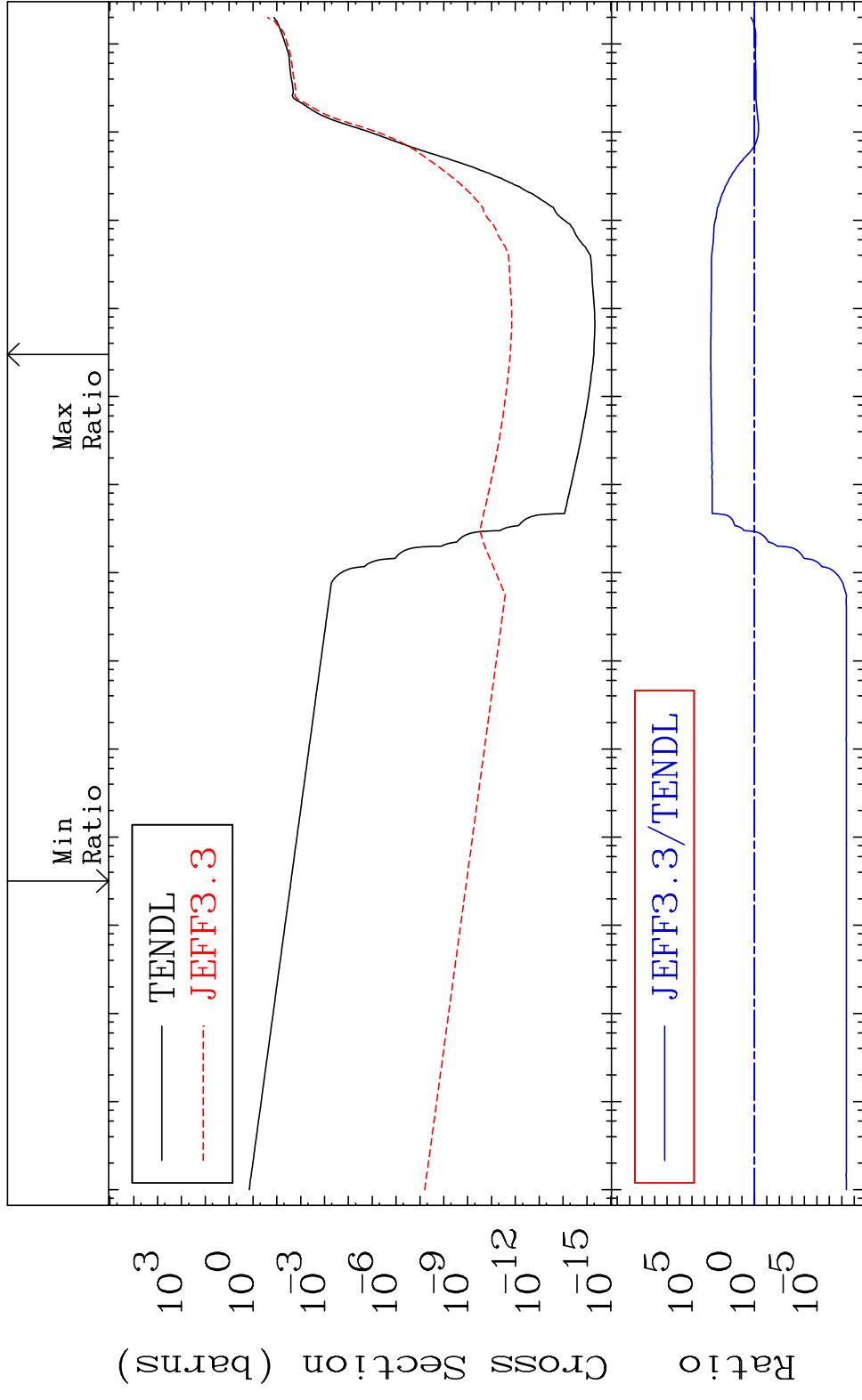


MAT 8125

He-4 Production

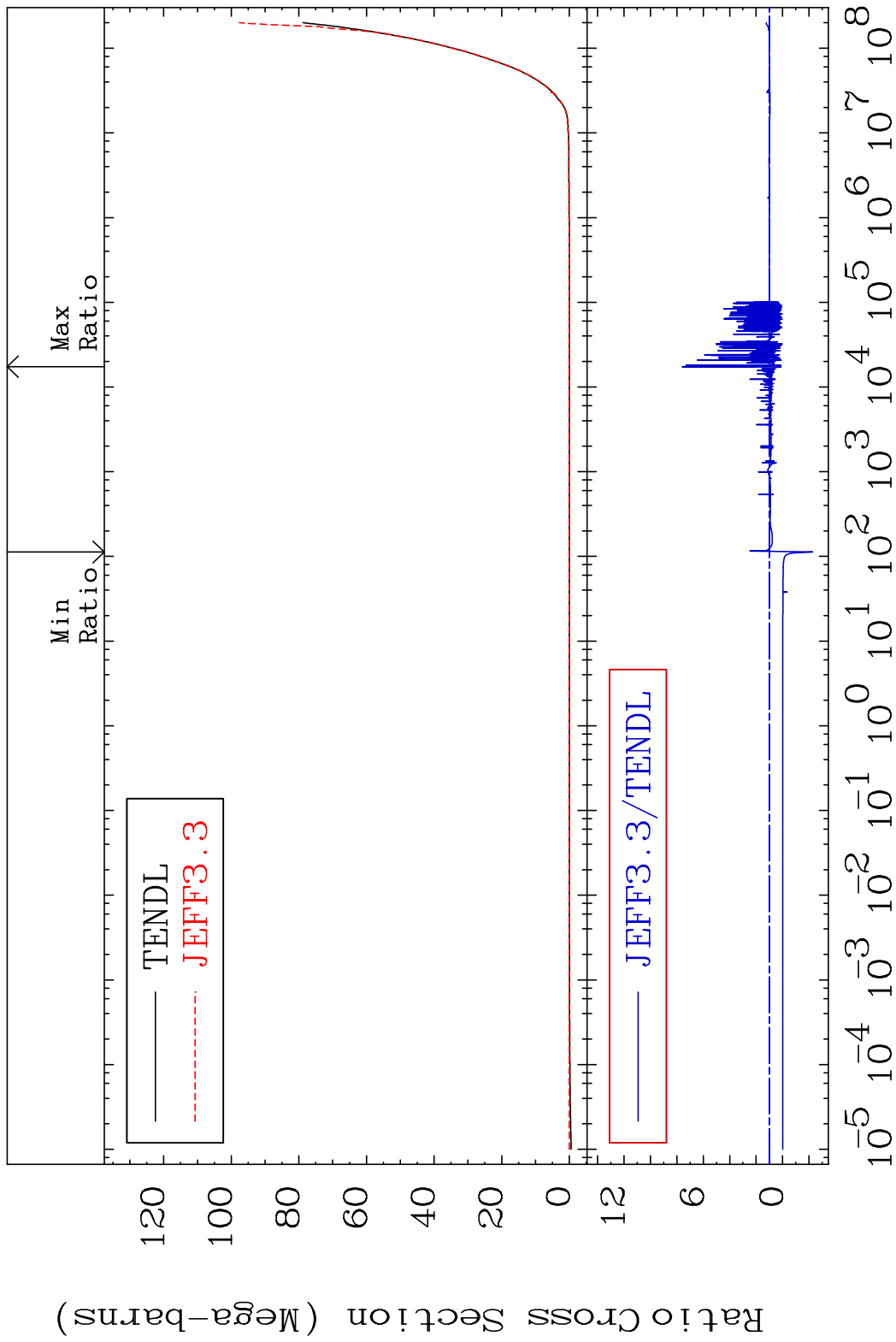
81-T1-203

Cross Section -100.0 To 9999. %





MAT 8125 Kerma total (eV-barns) 81-T1-203  
 Cross Section -326.8 To 658.4 %

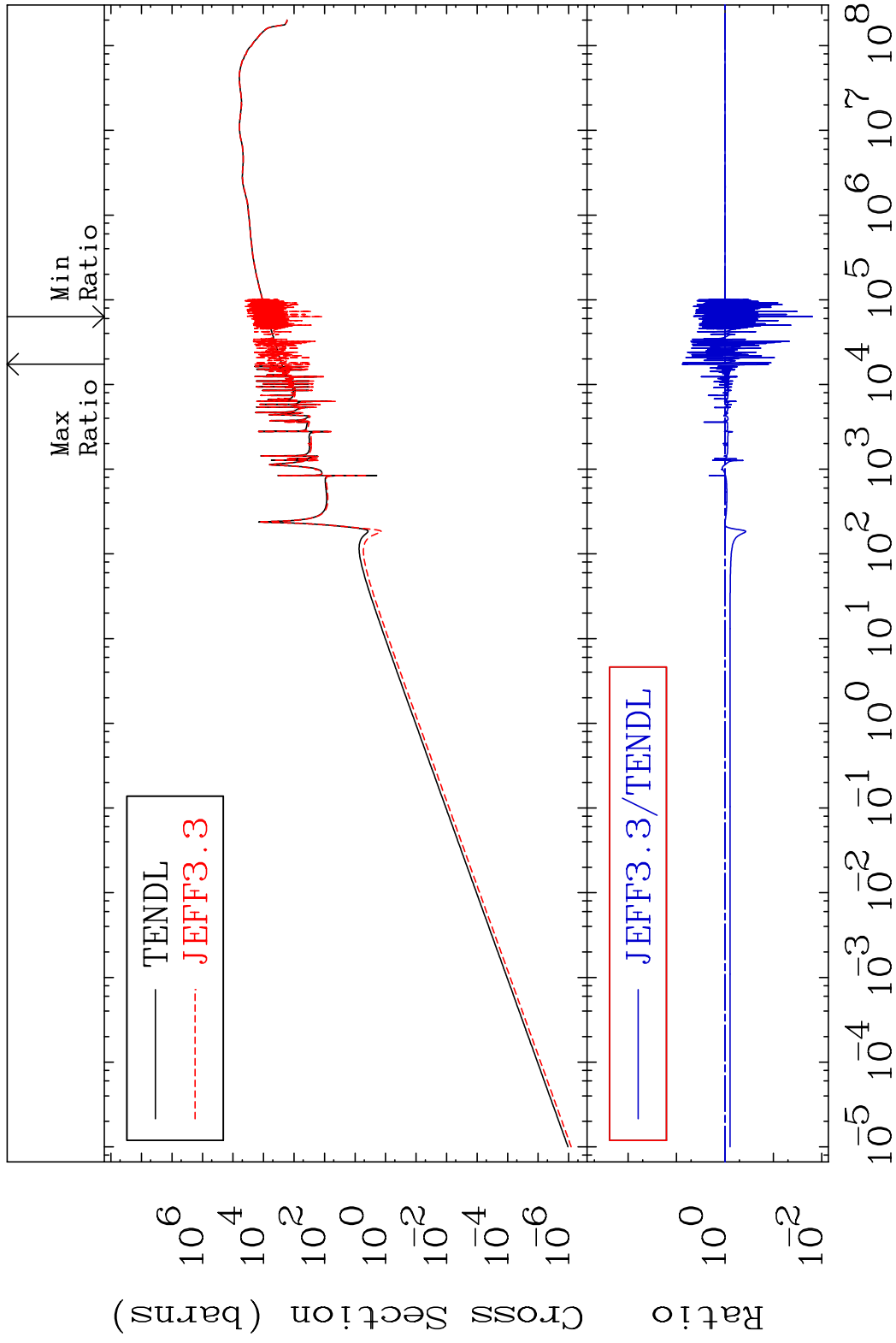


MAT 8125

Kerma elastic

81-Tl-203

Cross Section -98.45 To 658.3 %

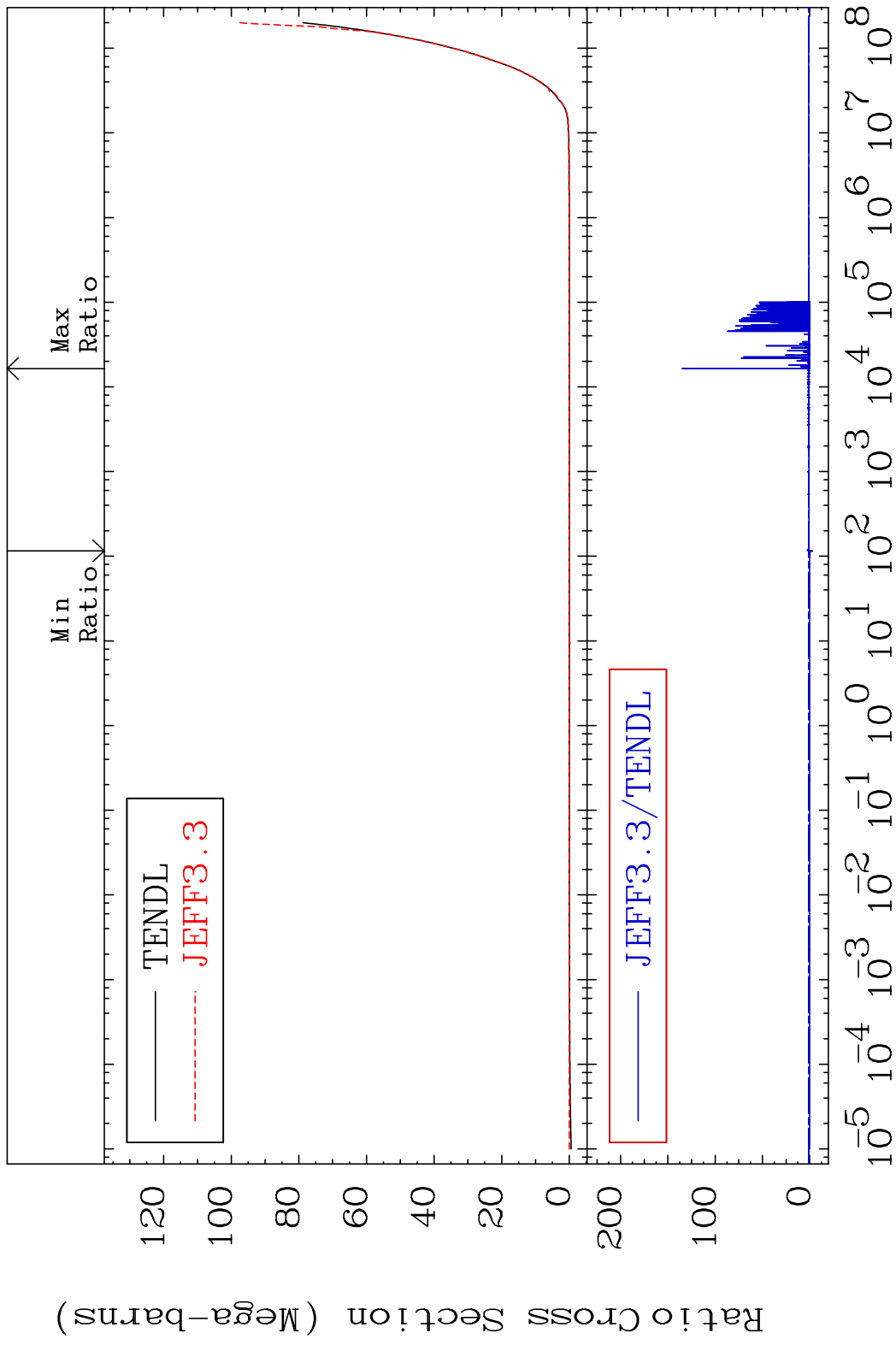


65

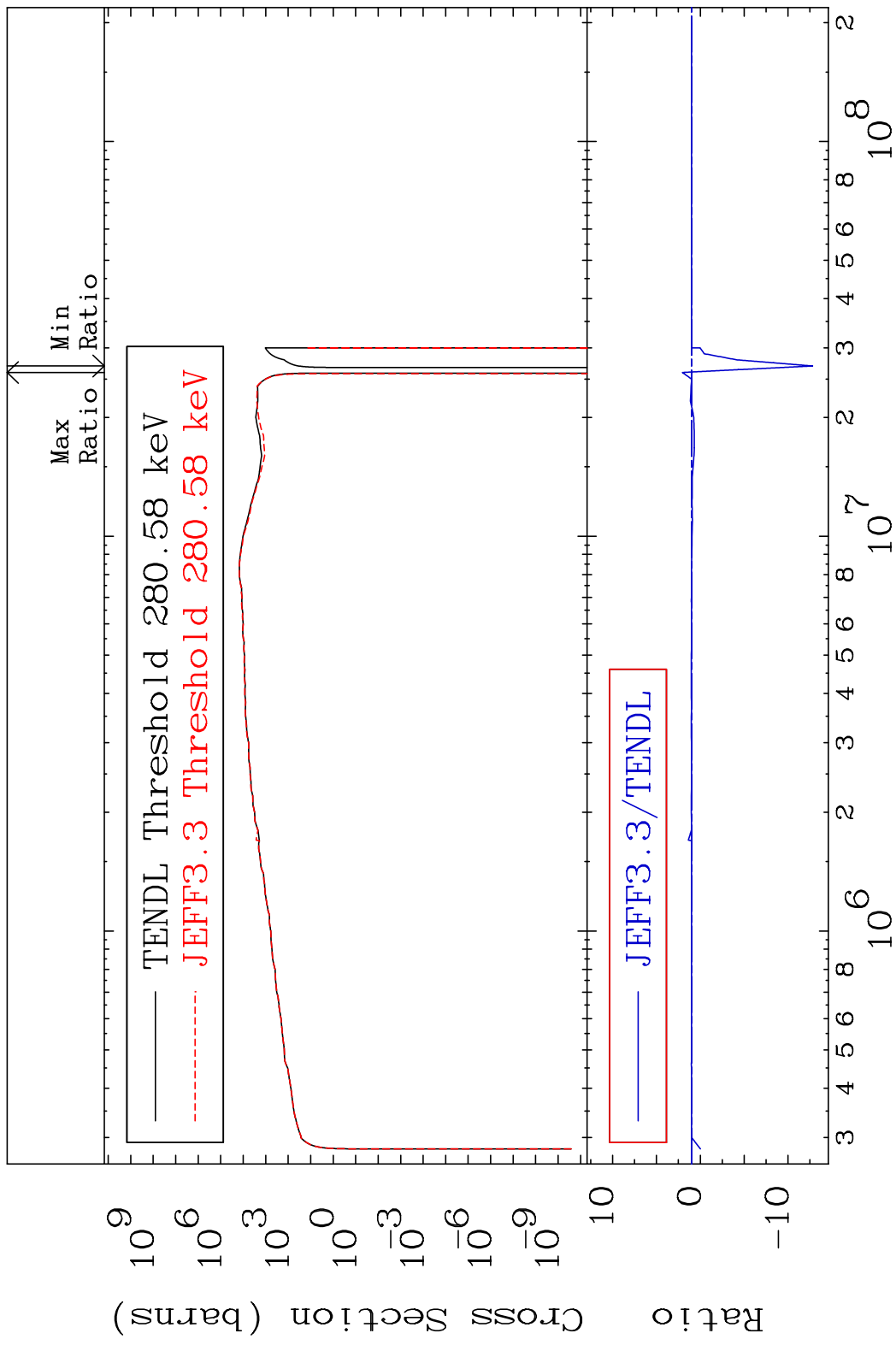
Incident Energy (eV)

81-Tl-203

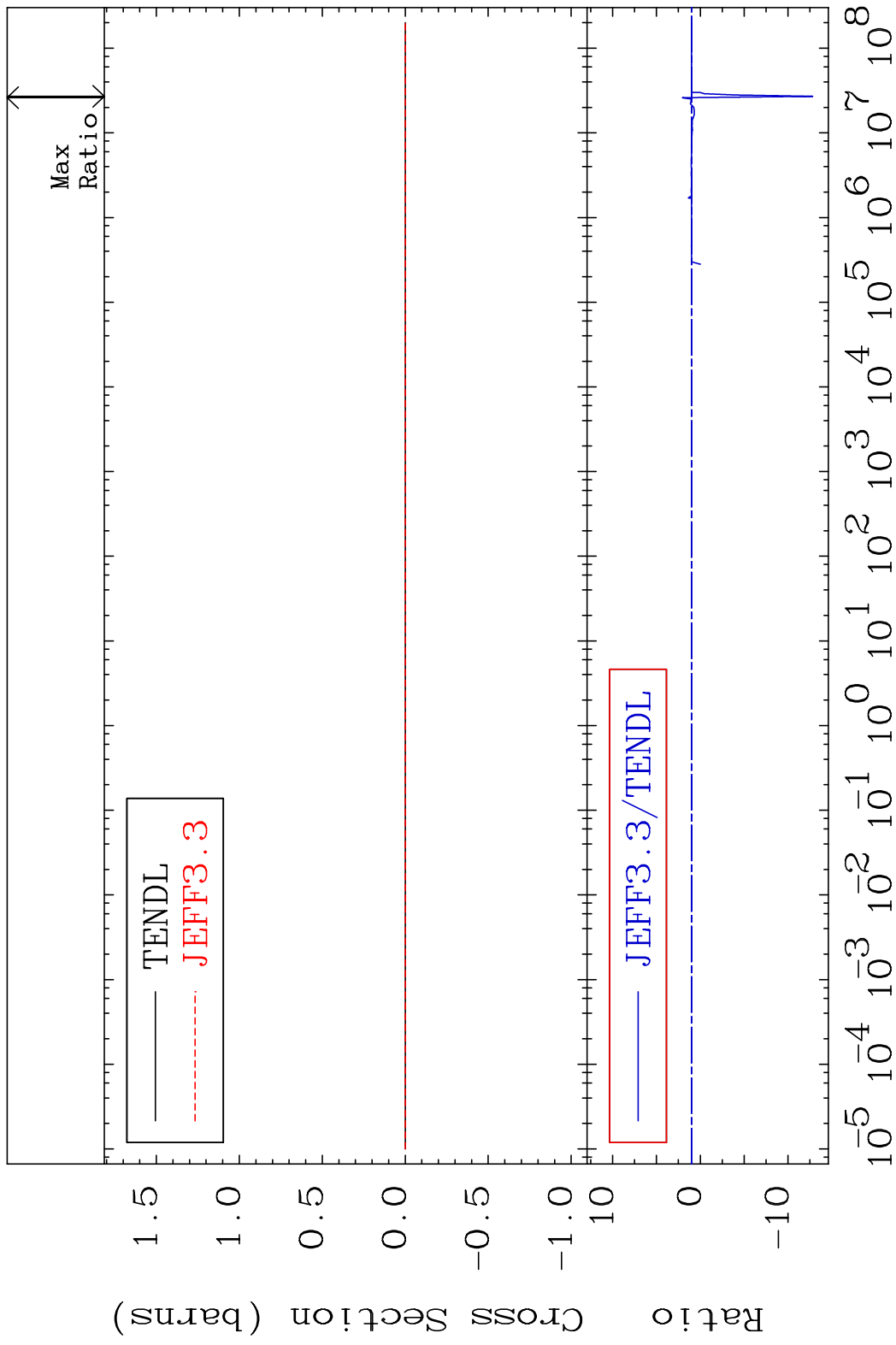
MAT 8125 Kerma non-elastic (all but mt2) 81-T1-203  
 Cross Section -402.1 To 9999. %



MAT 8125 Kerma inelastic (mt51-91) 81-Tl-203  
 Cross Section -1380. To 104.8 %

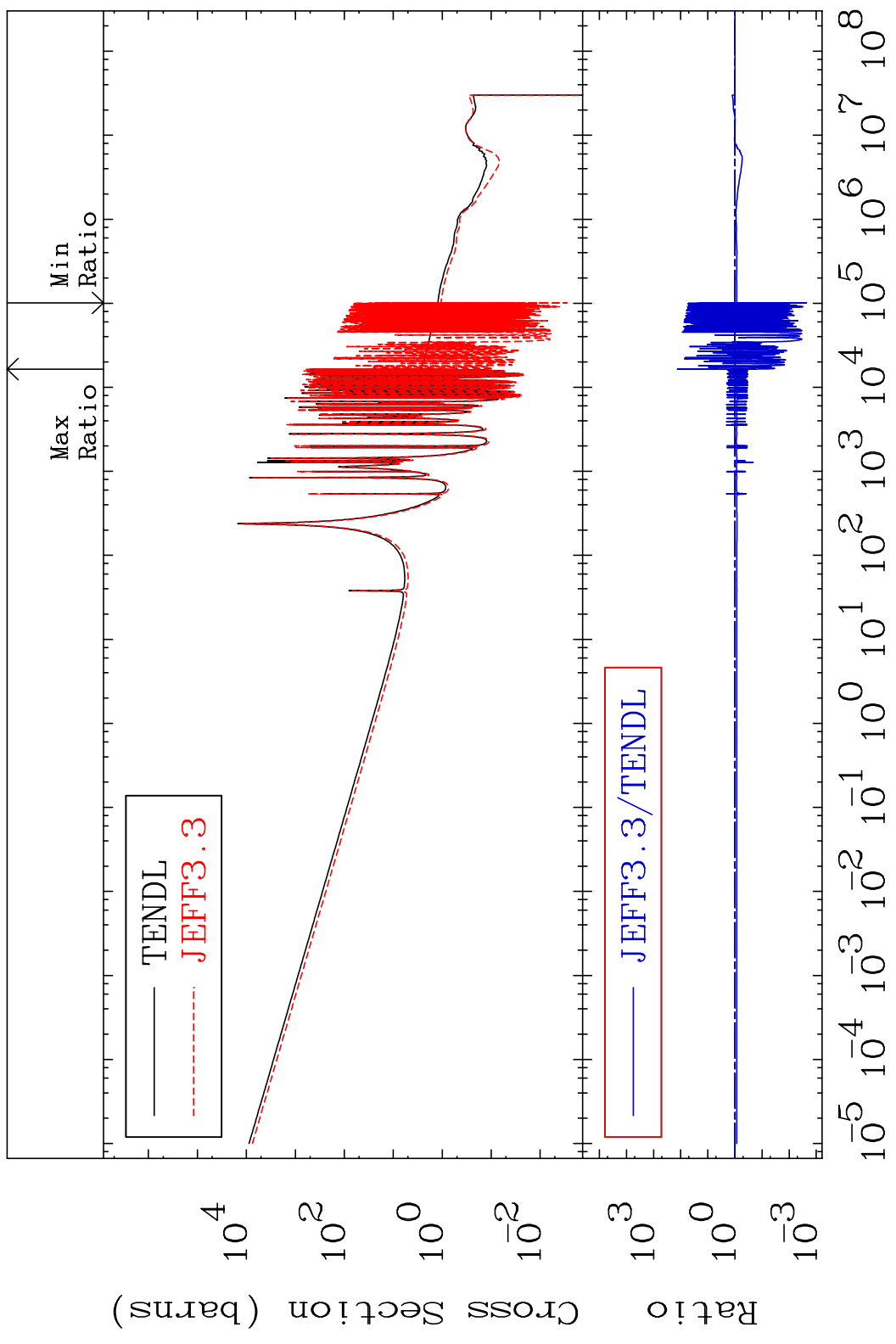


MAT 8125 Kerma fission (mt18 or mt19-20-21-38) 81-T1-203  
 Cross Section -1380. To 104.8 %



MAT 8125

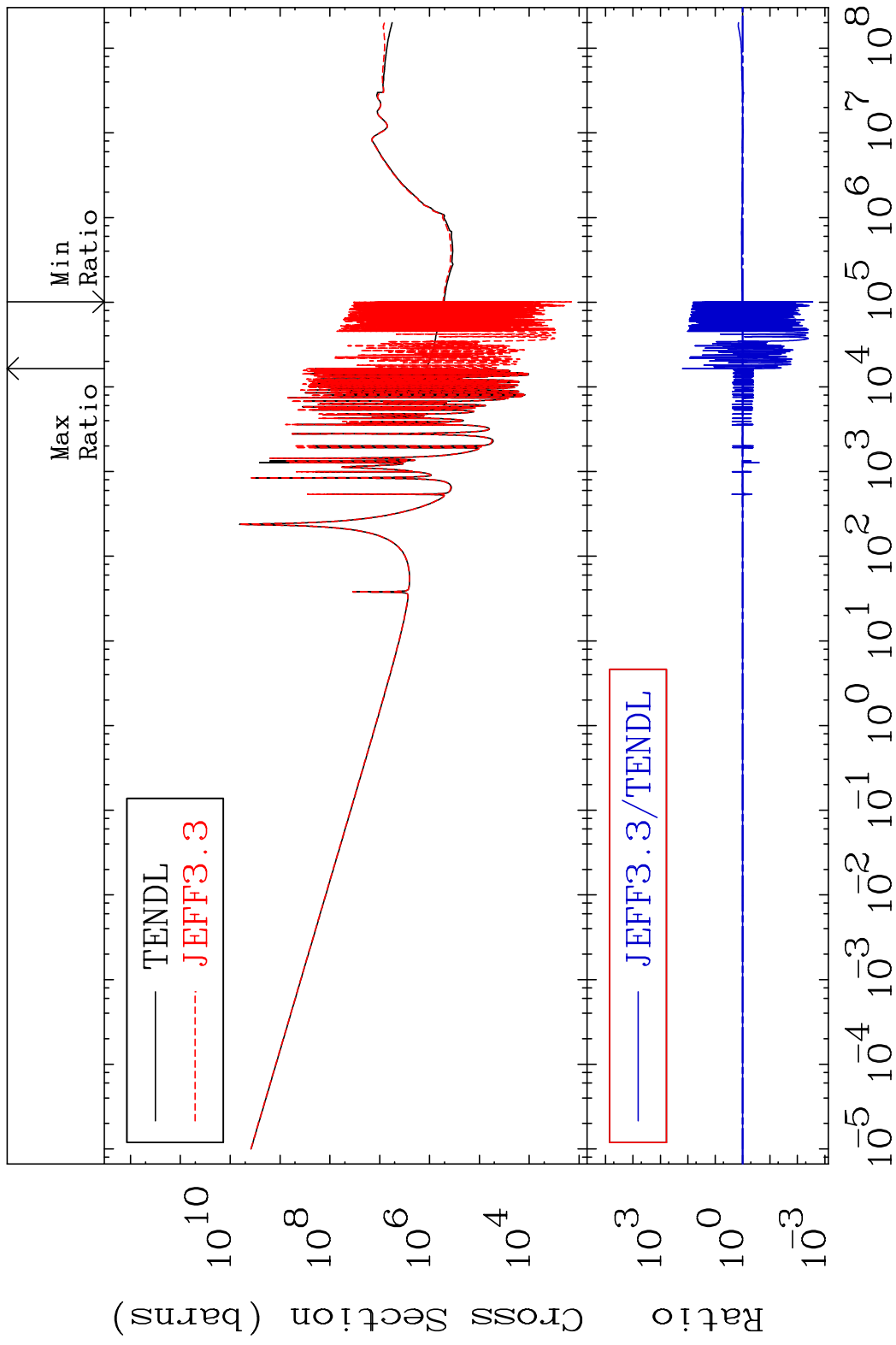
Kerma capture (mt102) 81-Tl-203  
Cross Section -99.77 To 9999. %



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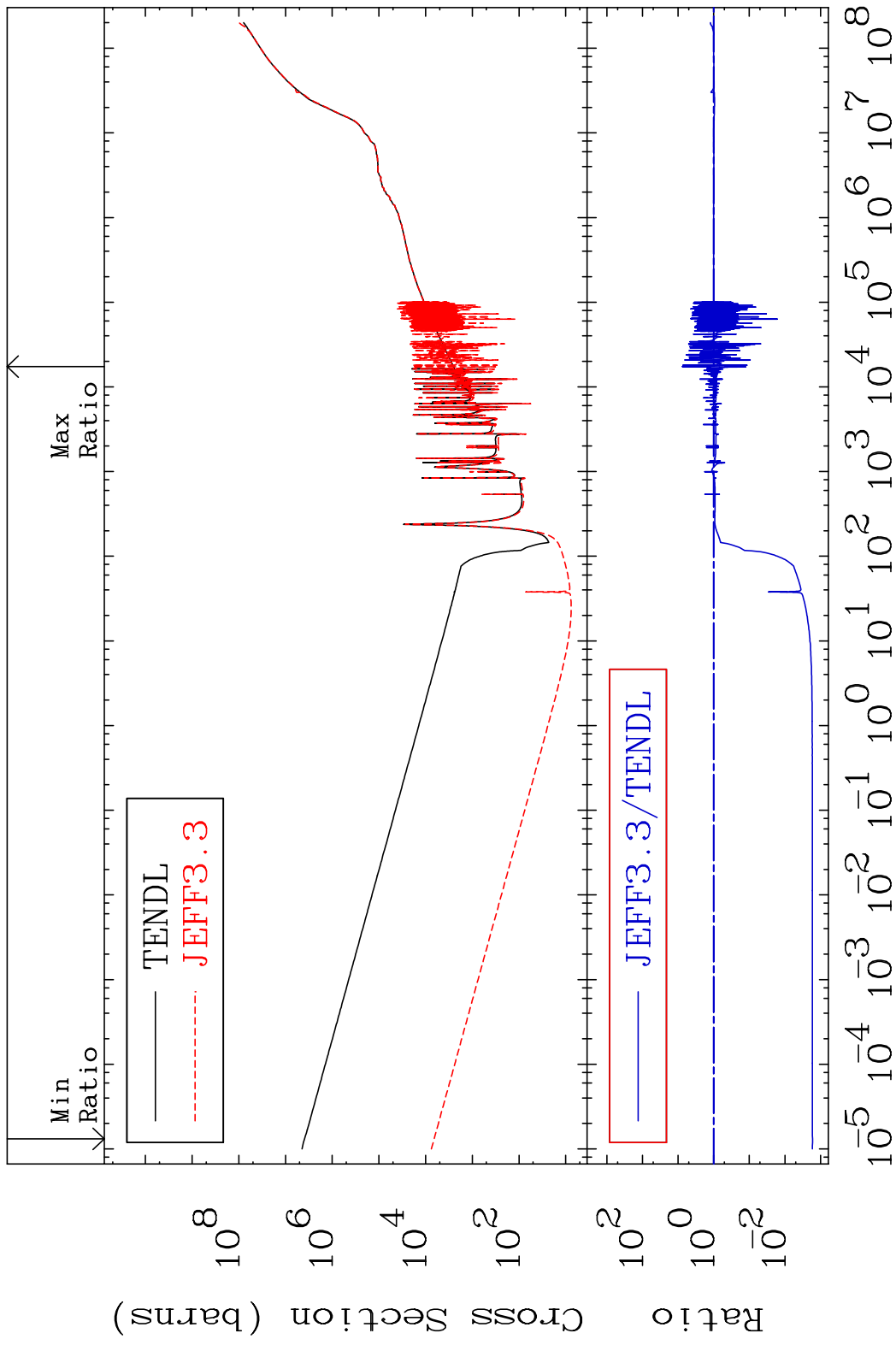
Incident Energy (eV) 81-Tl-203

MAT 8125 Total photon (eV-barns) 81-T1-203  
Cross Section -99.72 To 9999. %



70 Incident Energy (eV) 81-T1-203

MAT 8125 Total kinematic kerma (high limit) 81-T1-203  
 Cross Section -99.83 To 658.4 %



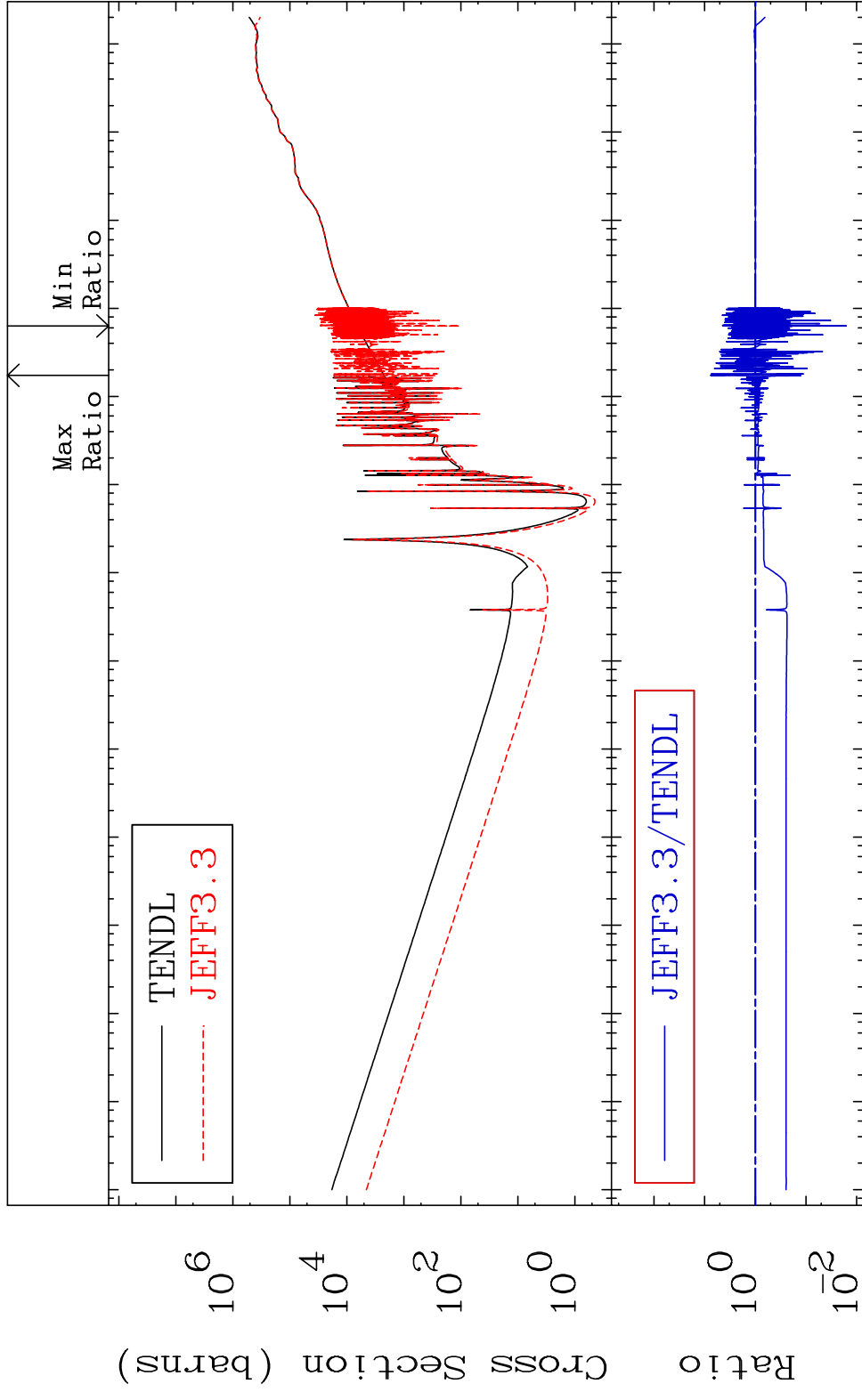


MAT 8125

Dpa total (eV-barns)

81-T1-203

Cross Section -98.40 To 658.1 %



72

Incident Energy (eV)

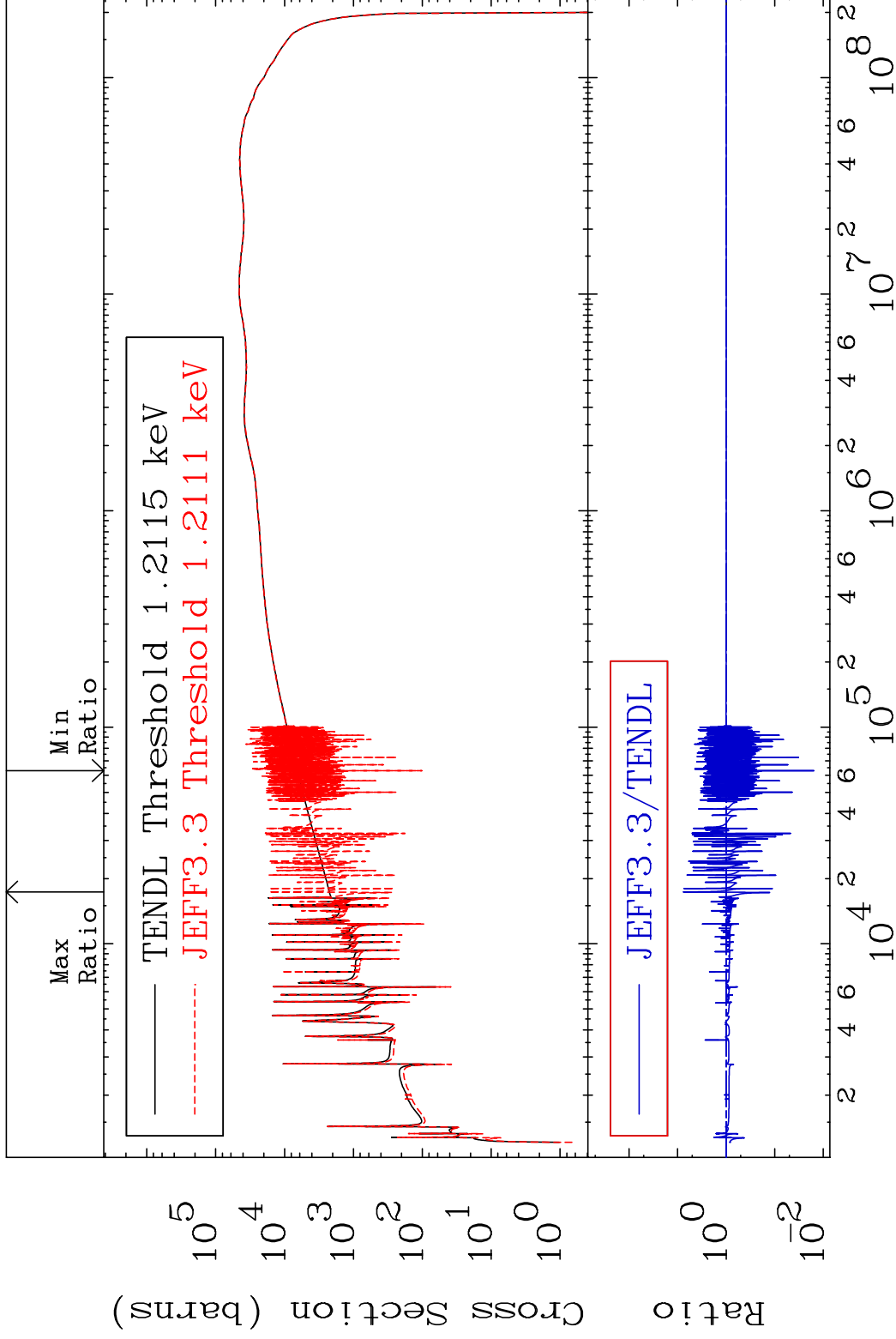
81-T1-203

MAT 8125

Dpa elastic (mt2)

81-Tl-203

Cross Section -98.45 To 658.1 %

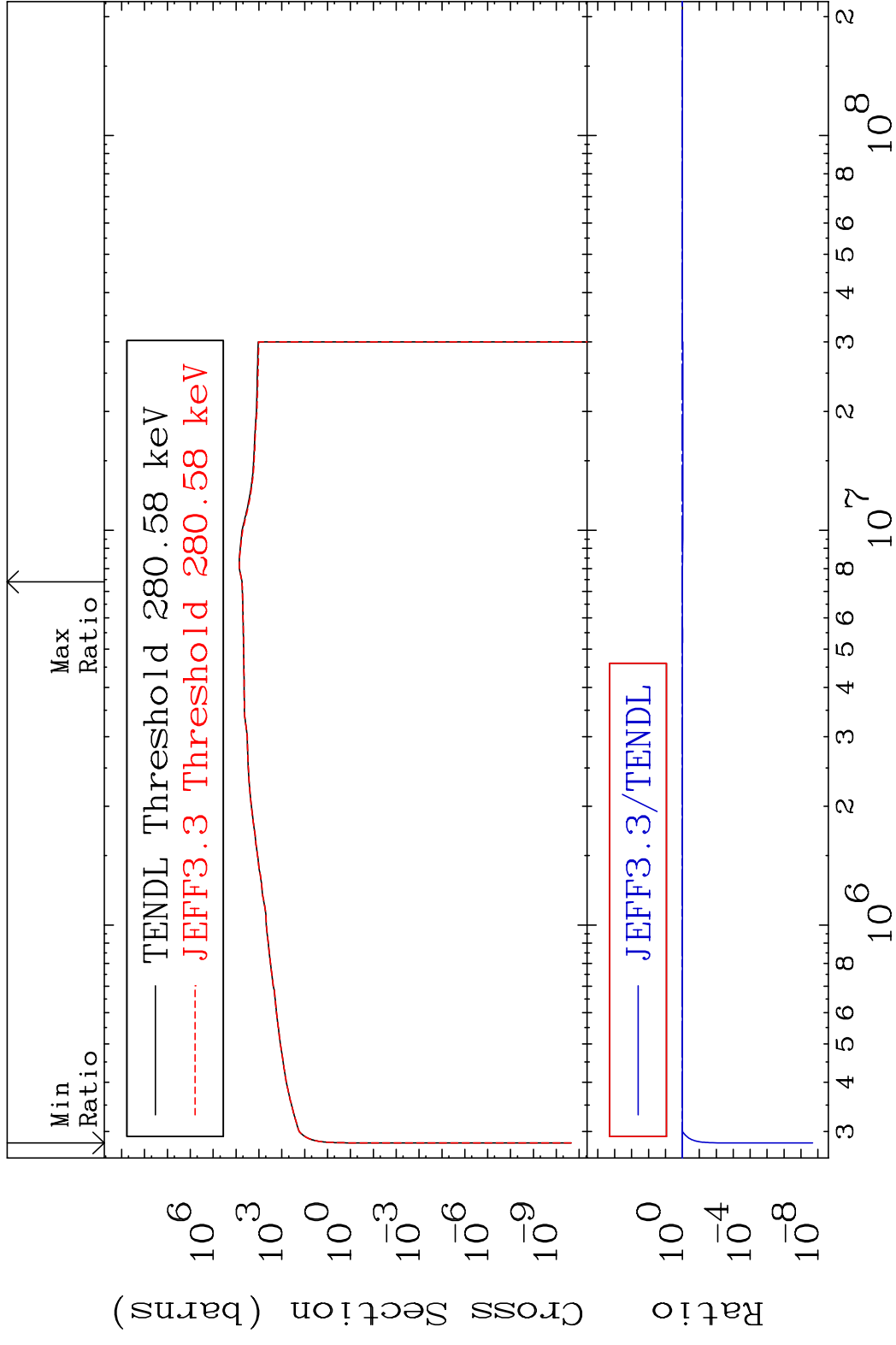


73

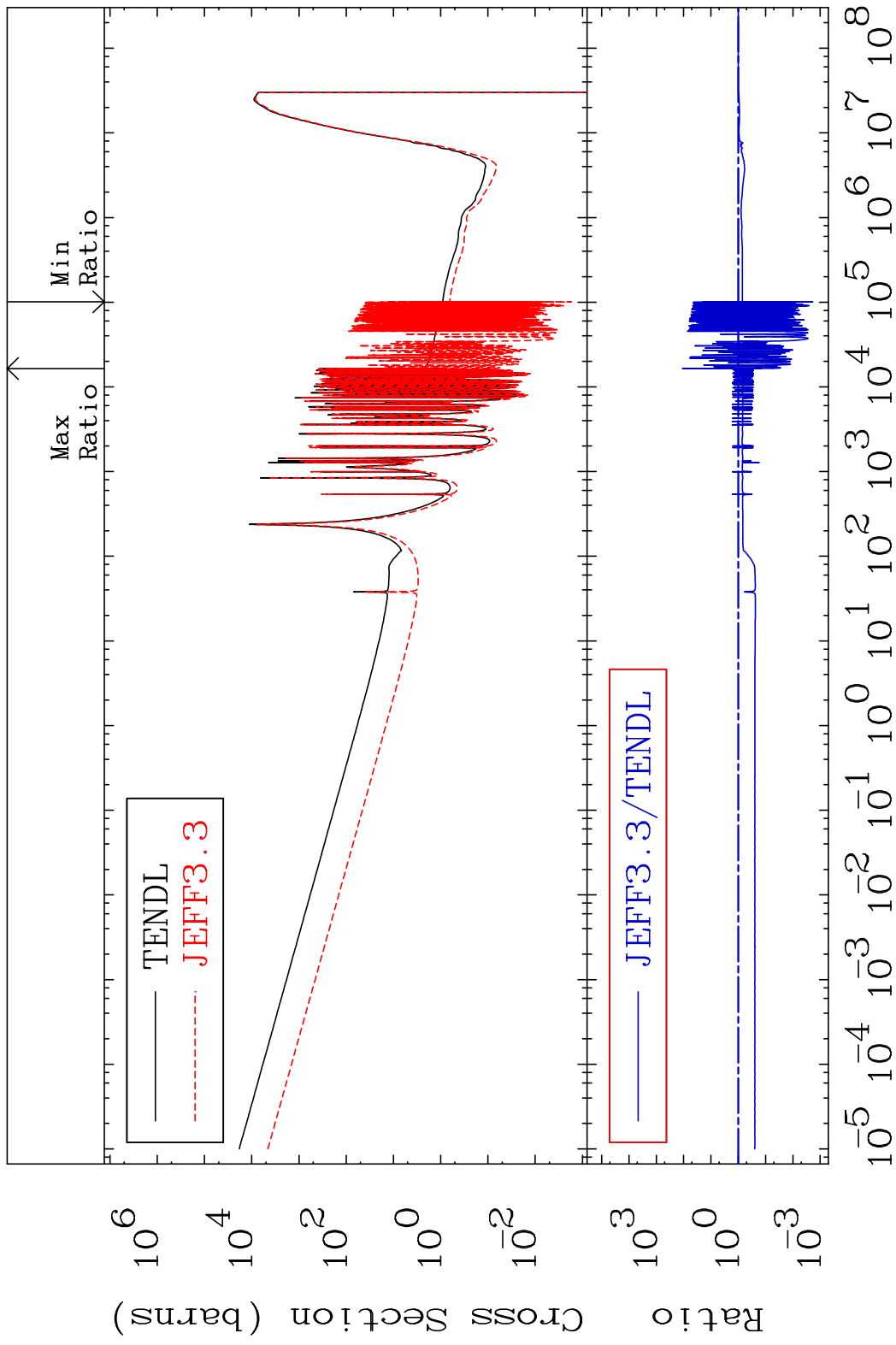
Incident Energy (eV)

81-Tl-203

MAT 8125 Dpa inelastic (mt51-91) 81-Tl-203  
 Cross Section -100.0 To 0.888 %



MAT 8125 Dpa disappearance (mt102 -120) 81-T1-203  
 Cross Section -99.81 To 9999. %



75 Incident Energy (eV) 81-T1-203

