

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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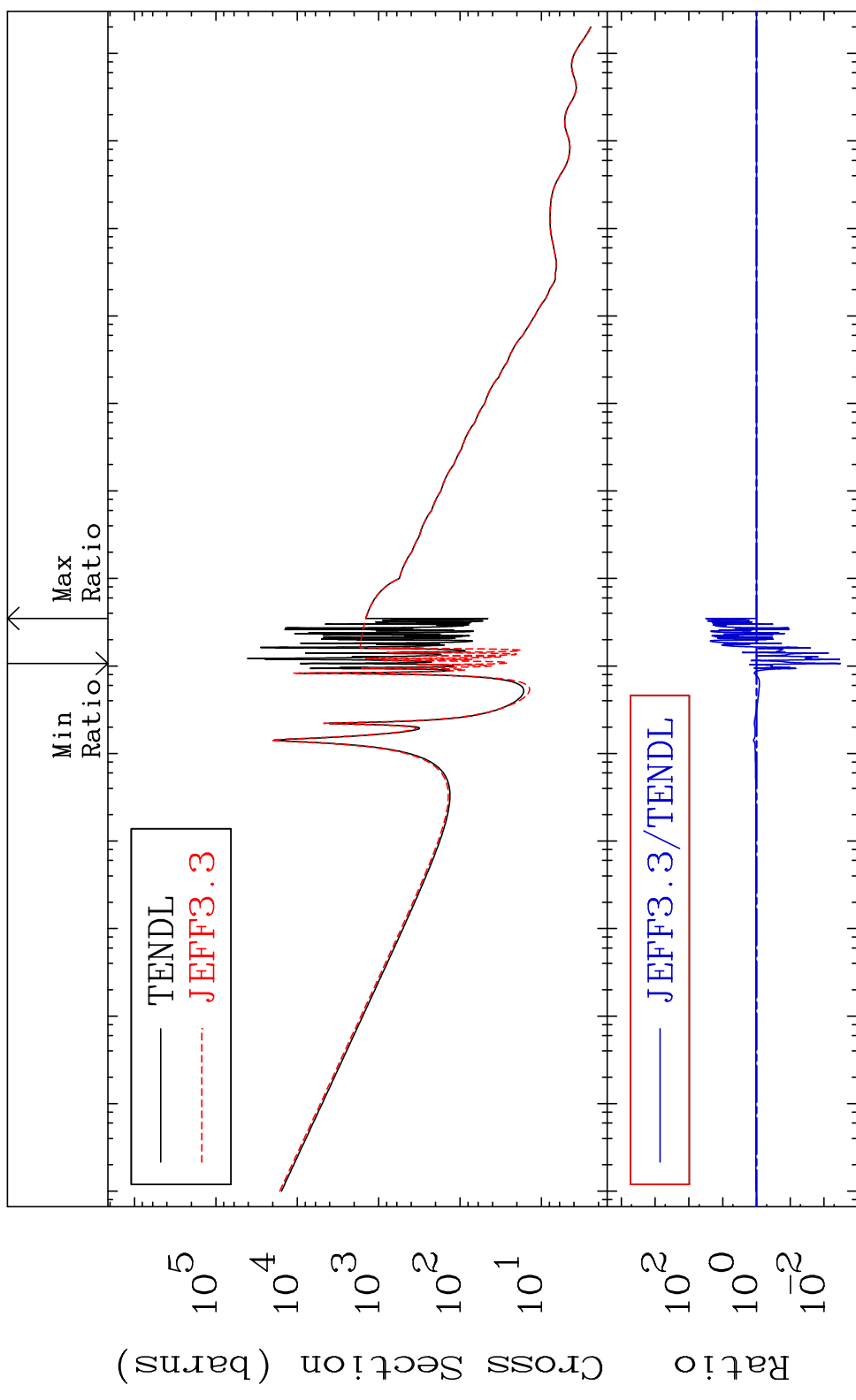
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6528

Total  
Cross Section -99.67 To 3073. %

65-Tb-160



1

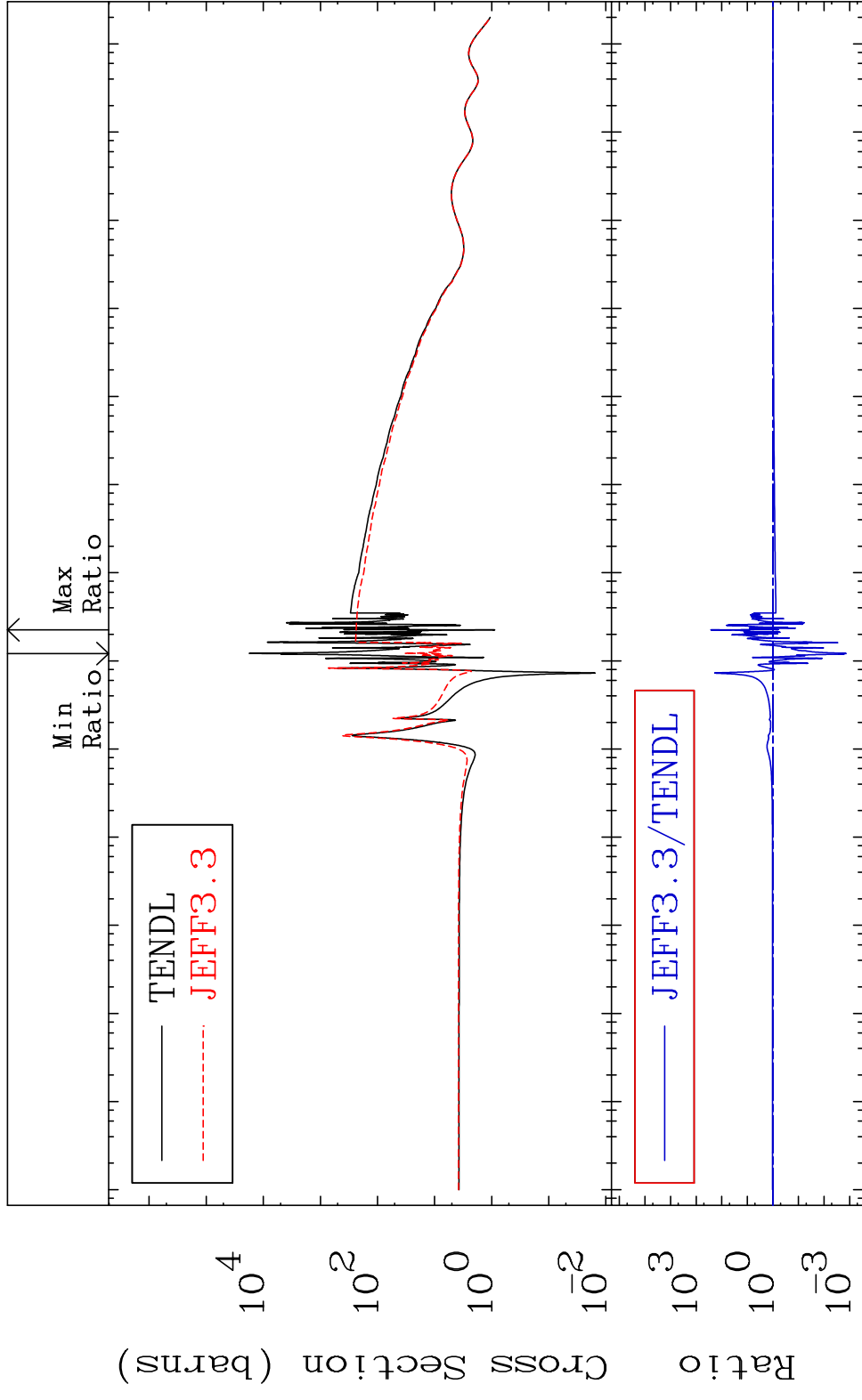
Incident Energy (eV)

65-Tb-160

MAT 6528

Elastic Cross Section -99.87 To 9999. %

65-Tb-160

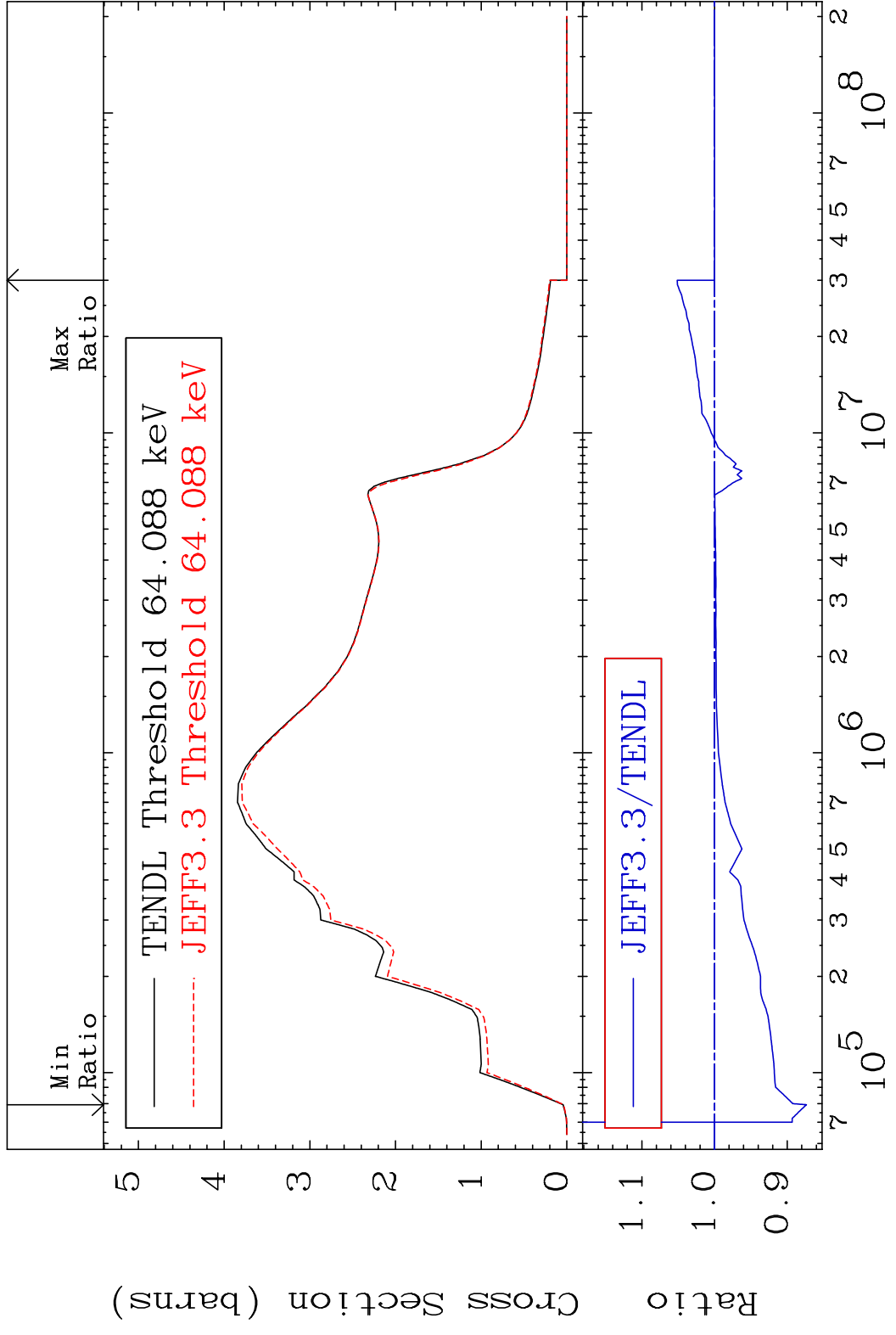


2

Incident Energy (eV)

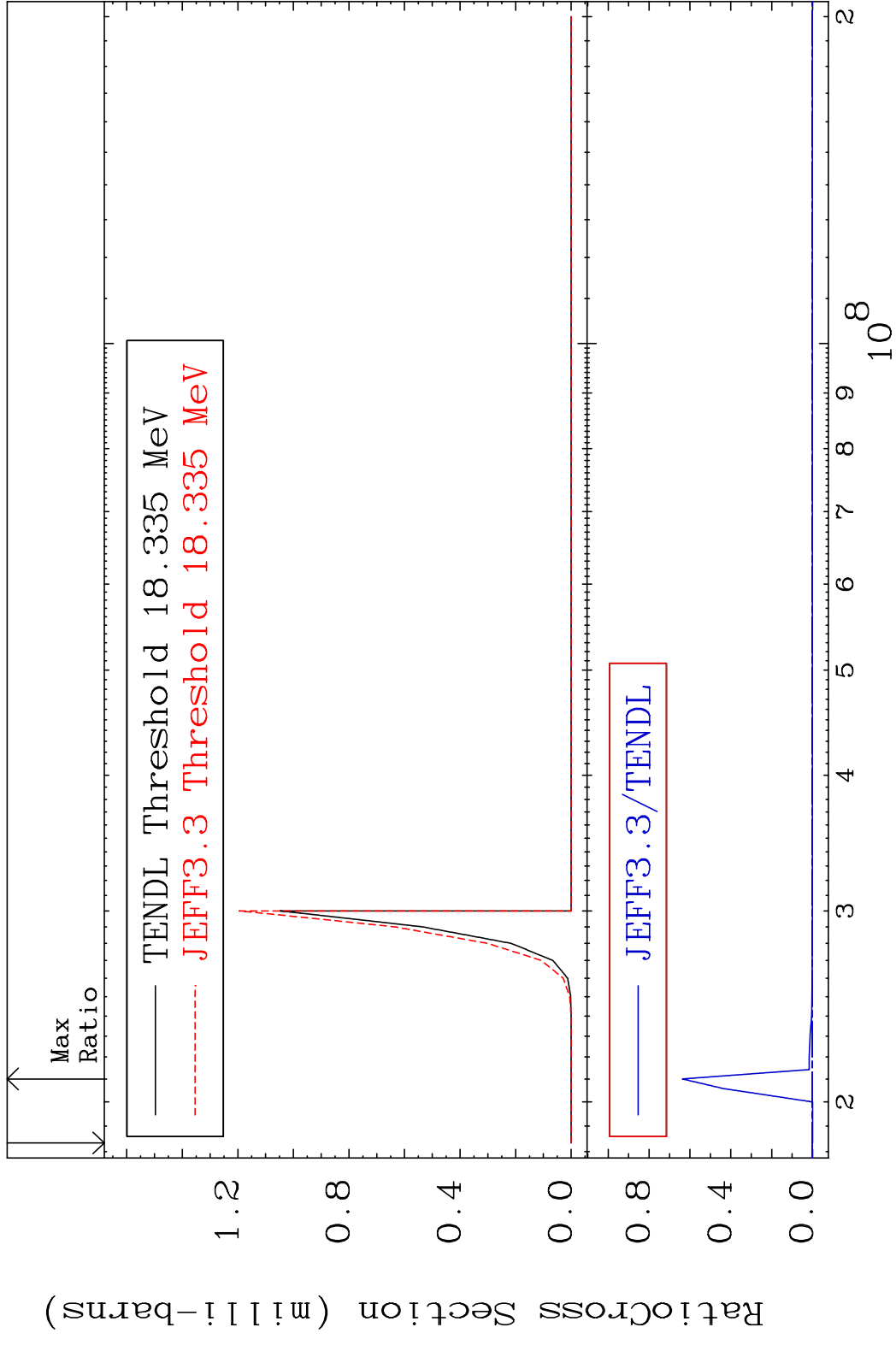
65-Tb-160

MAT 6528 Inelastic Cross Section 65-Tb-160  
 -12.64 To 5.138 %



3 Incident Energy (eV) 65-Tb-160

MAT 6528 (n,2n) d 65-Tb-160  
 Cross Section -100.0 To 9999. %



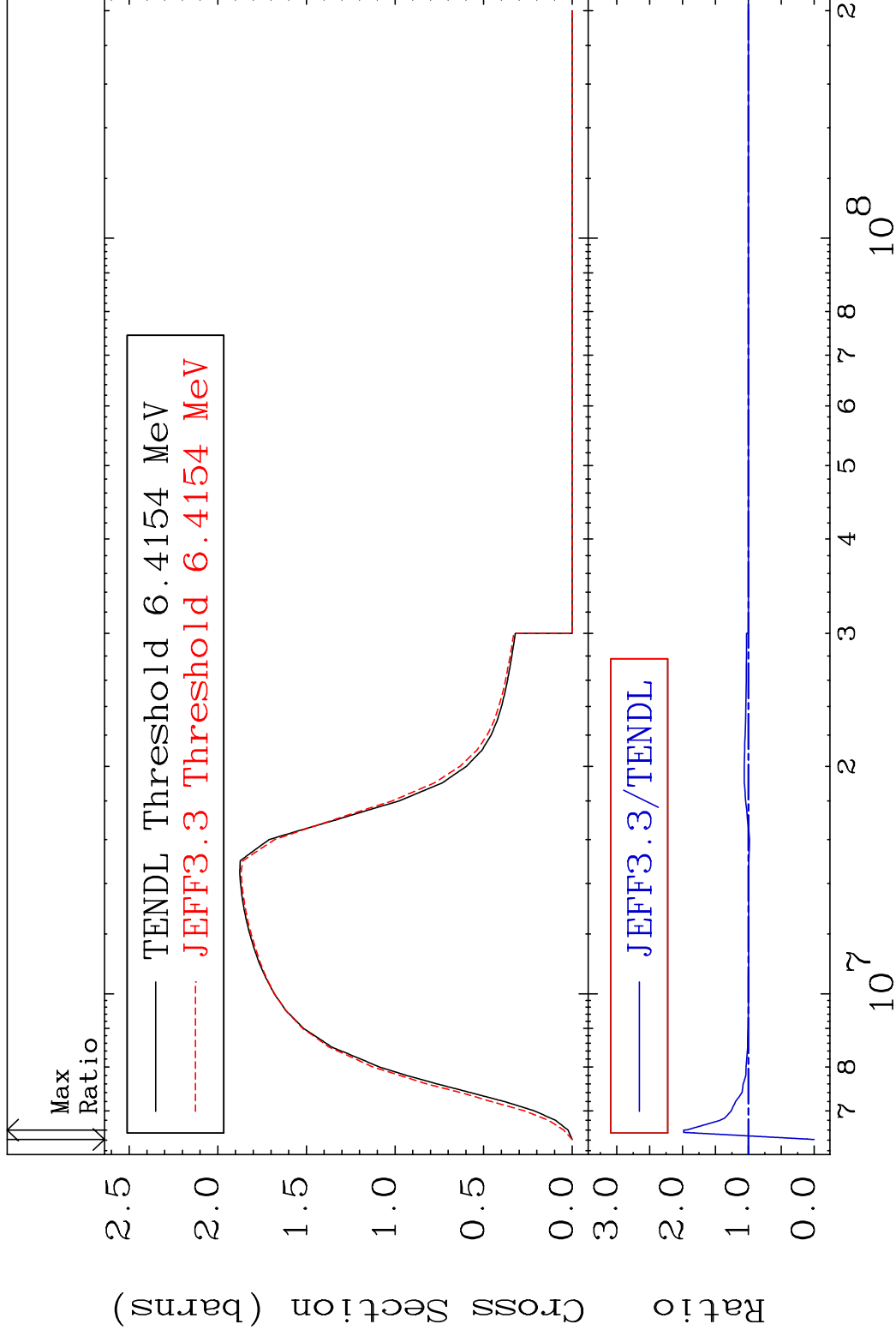
4 Incident Energy (eV) 65-Tb-160

MAT 6528

(n,2n)

65-Tb-160

Cross Section -100.0 To 98.21 %

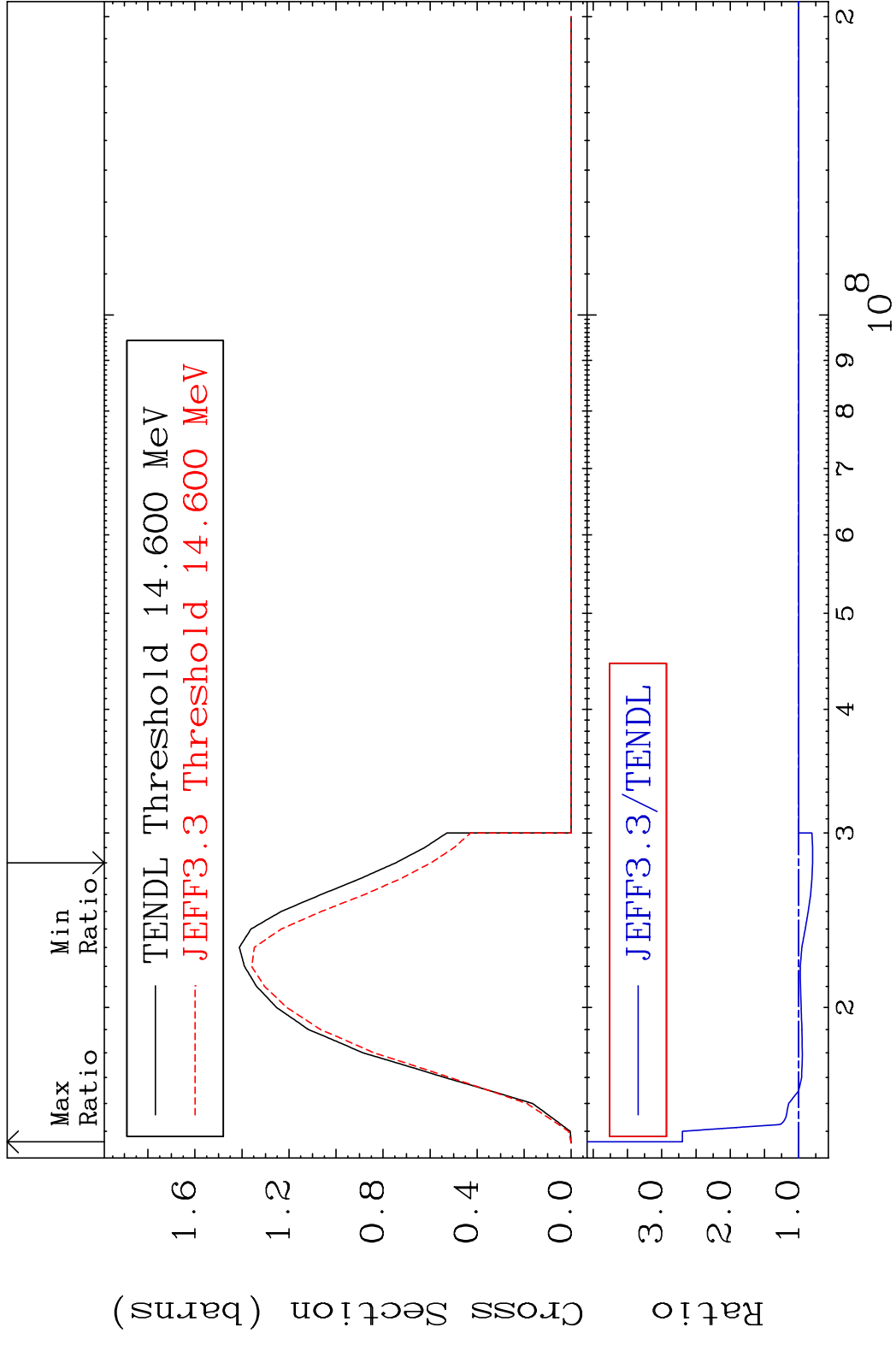


5

Incident Energy (eV)

65-Tb-160

MAT 6528 (n,3n) 65-Tb-160  
 Cross Section -20.16 To 169.9 %

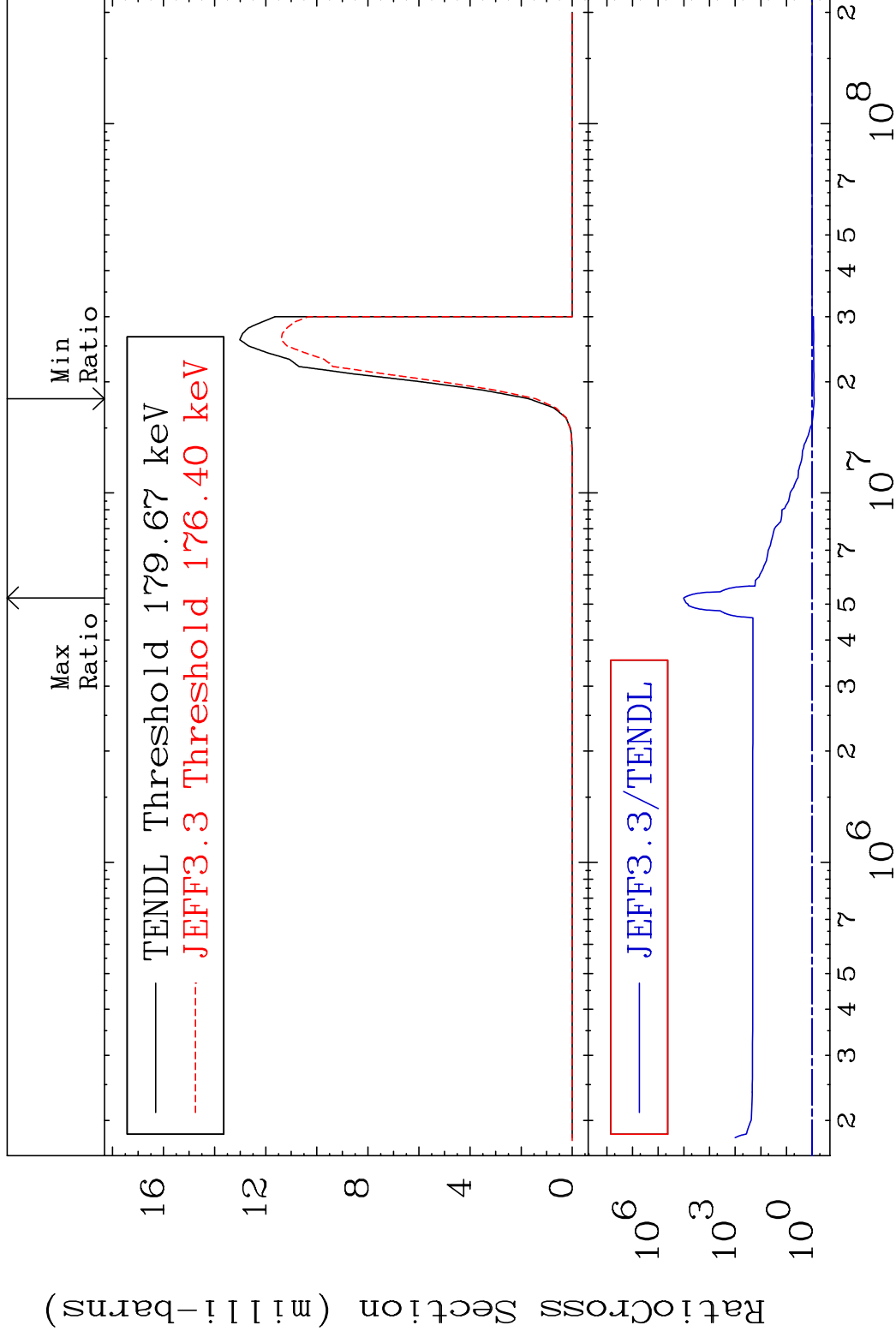


MAT 6528

(n, n')  $\alpha$

65-Tb-160

Cross Section -16.07 To 9999. %

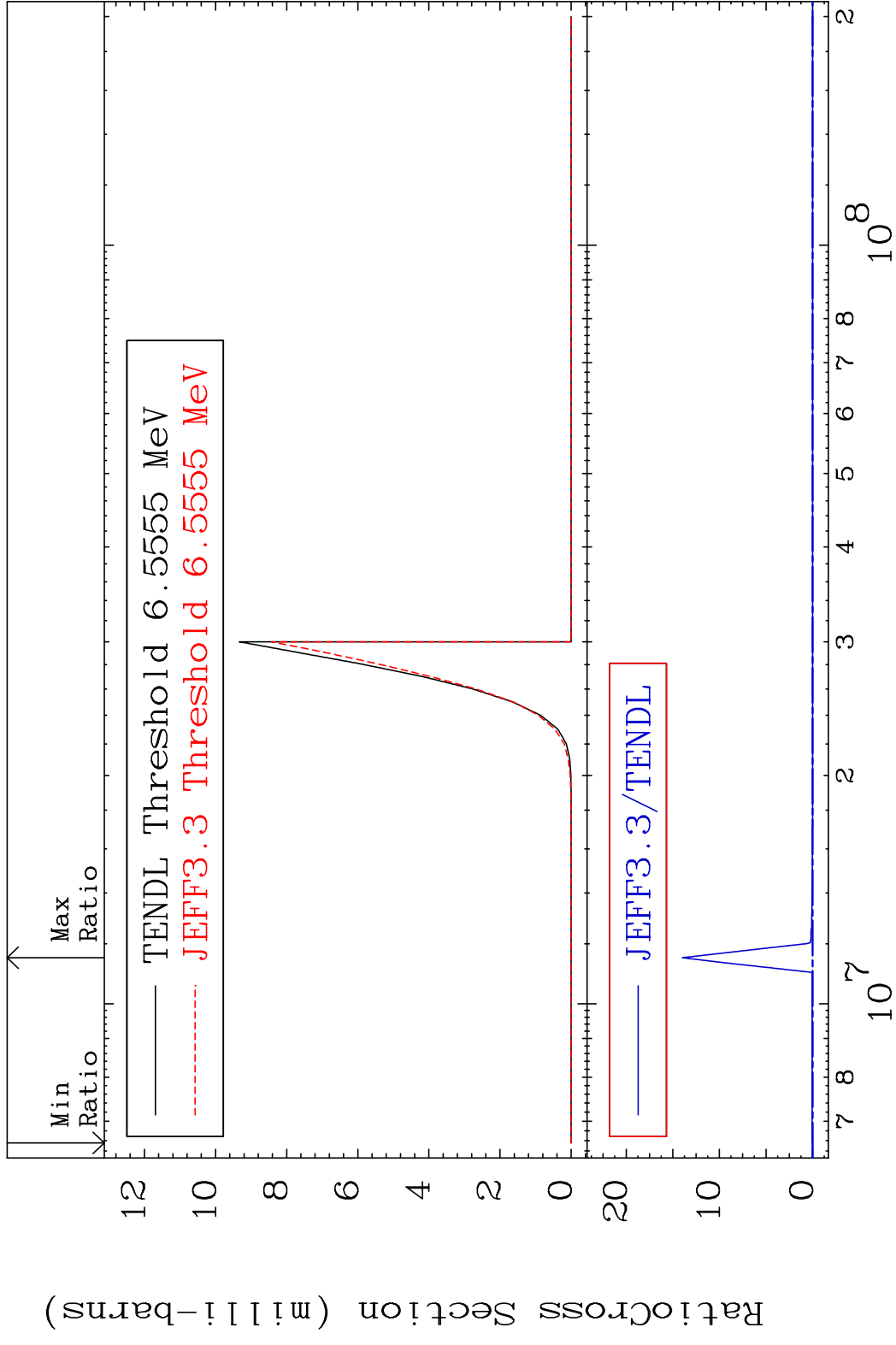


7

Incident Energy (eV)

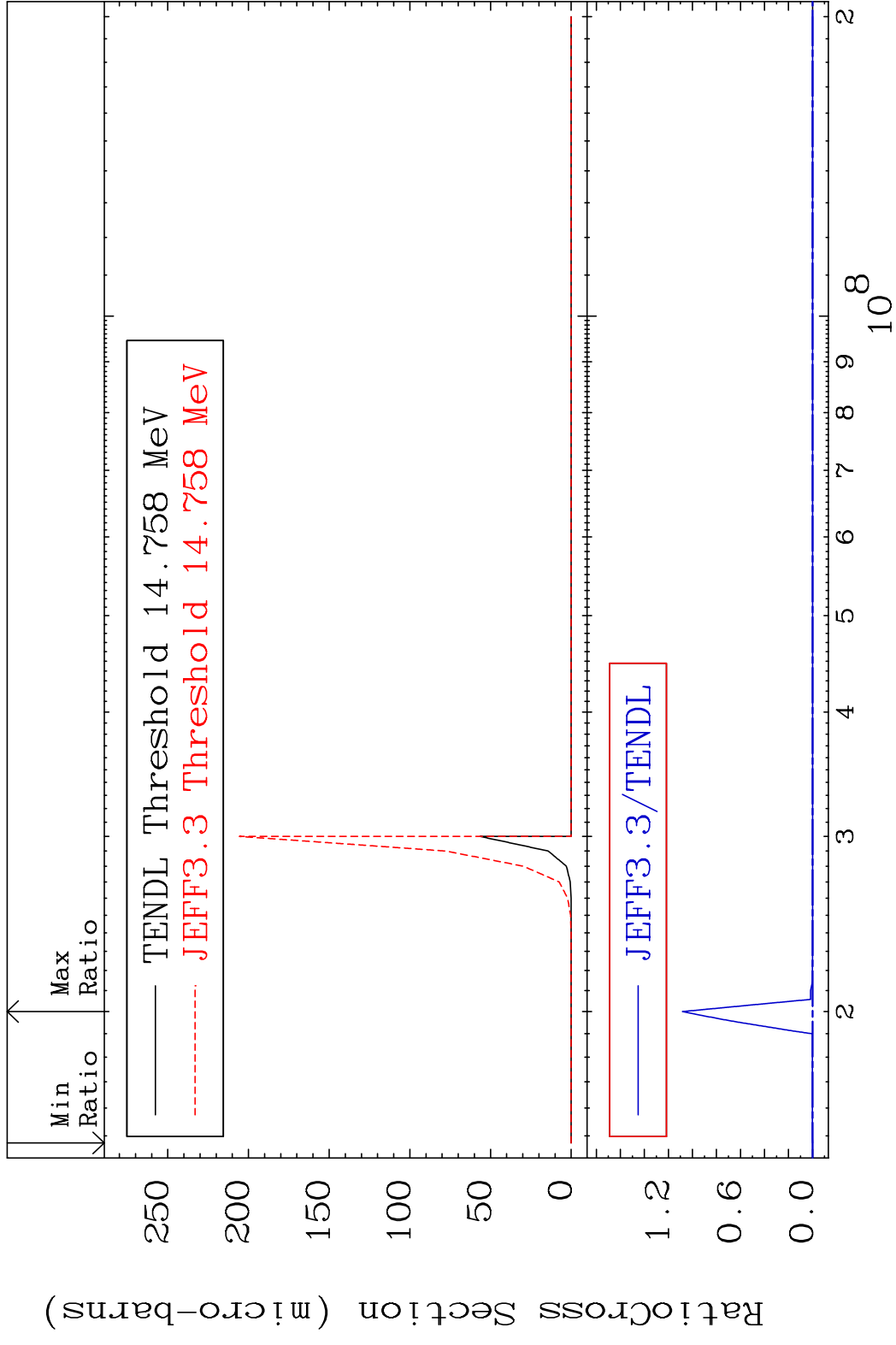
65-Tb-160

MAT 6528 (n,2n)  $\alpha$  65-Tb-160  
 Cross Section -100.0 To 9999. %

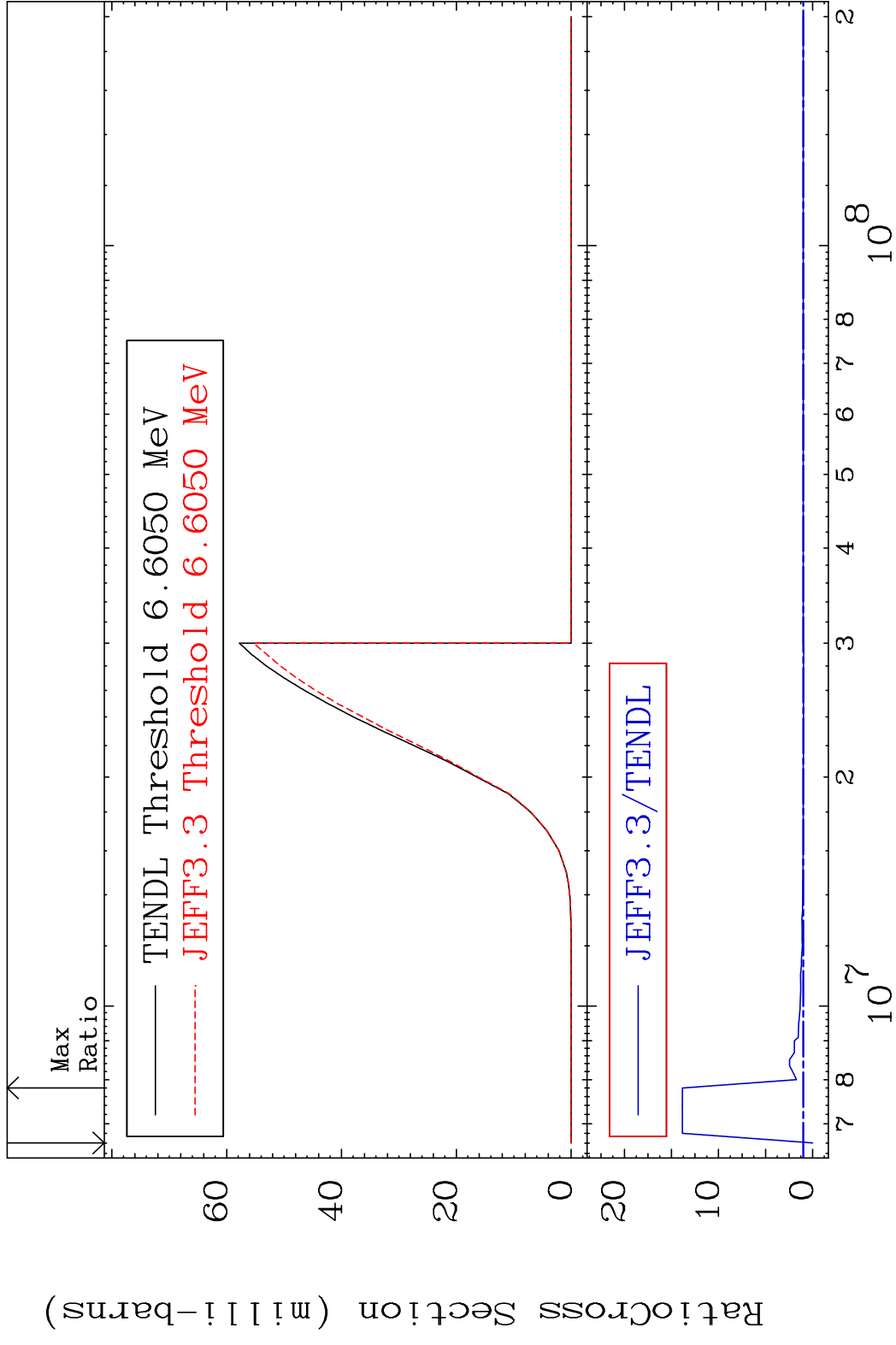


8 Incident Energy (eV) 65-Tb-160

MAT 6528 (n,3n)  $\alpha$  65-Tb-160  
 Cross Section -100.0 To 9999. %

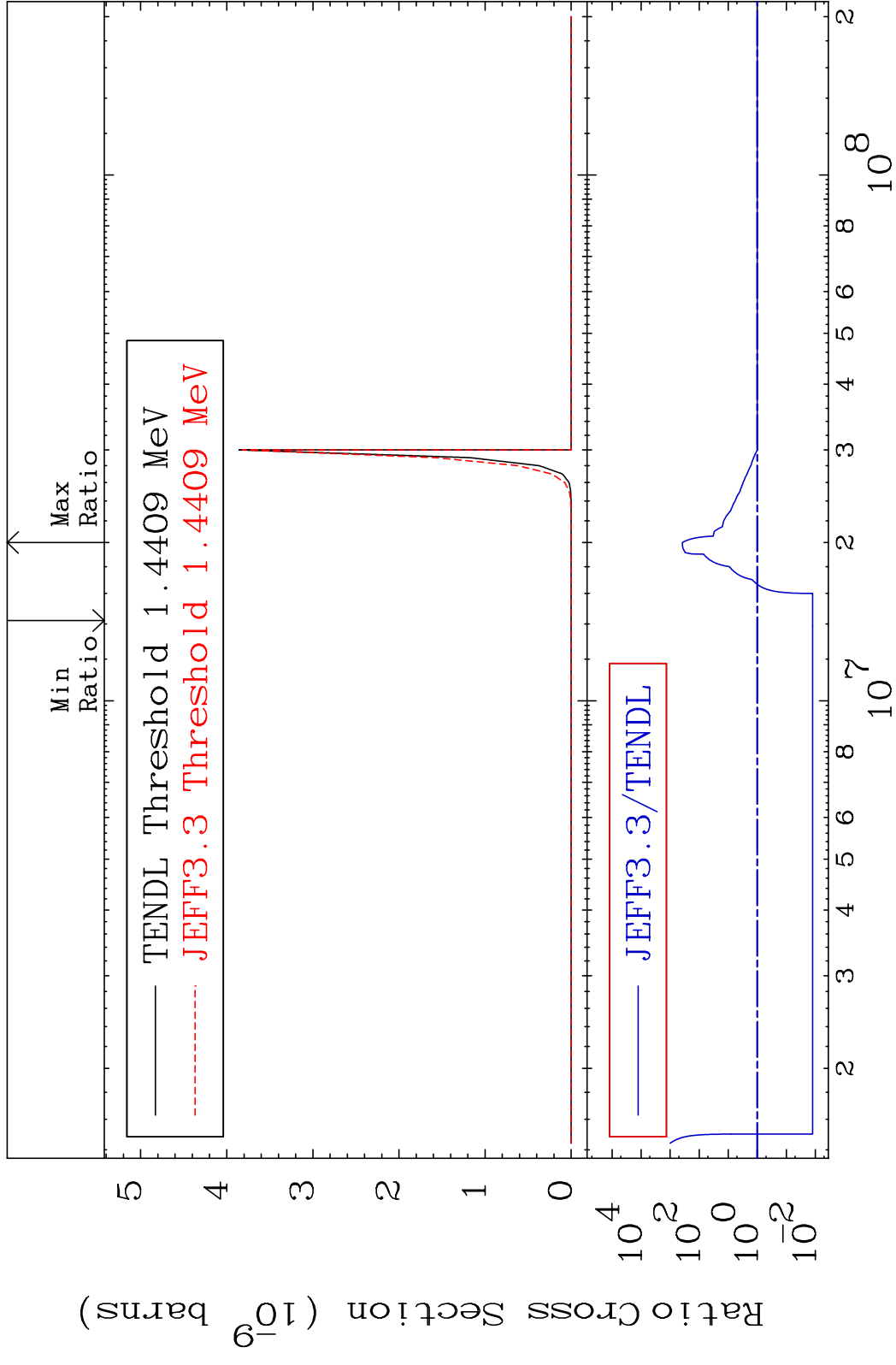


MAT 6528 (n, n') p 65-Tb-160  
 Cross Section -100.0 To 1285. %

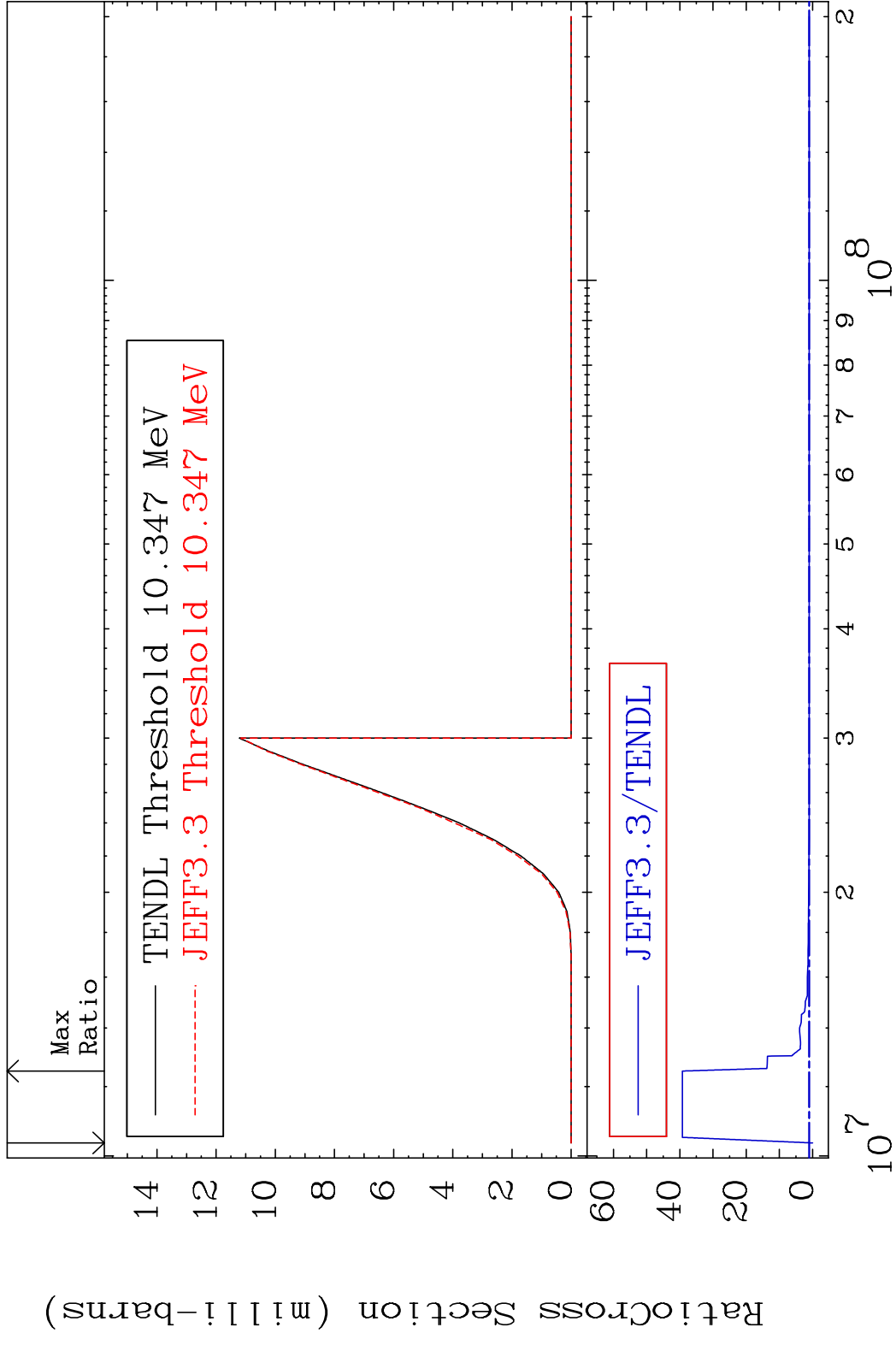


10 7 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2 65-Tb-160

MAT 6528 (n, n') 2α 65-Tb-160  
 Cross Section -98.75 To 9999. %



MAT 6528 (n, n') d 65-Tb-160  
 Cross Section -100.0 To 3823. %



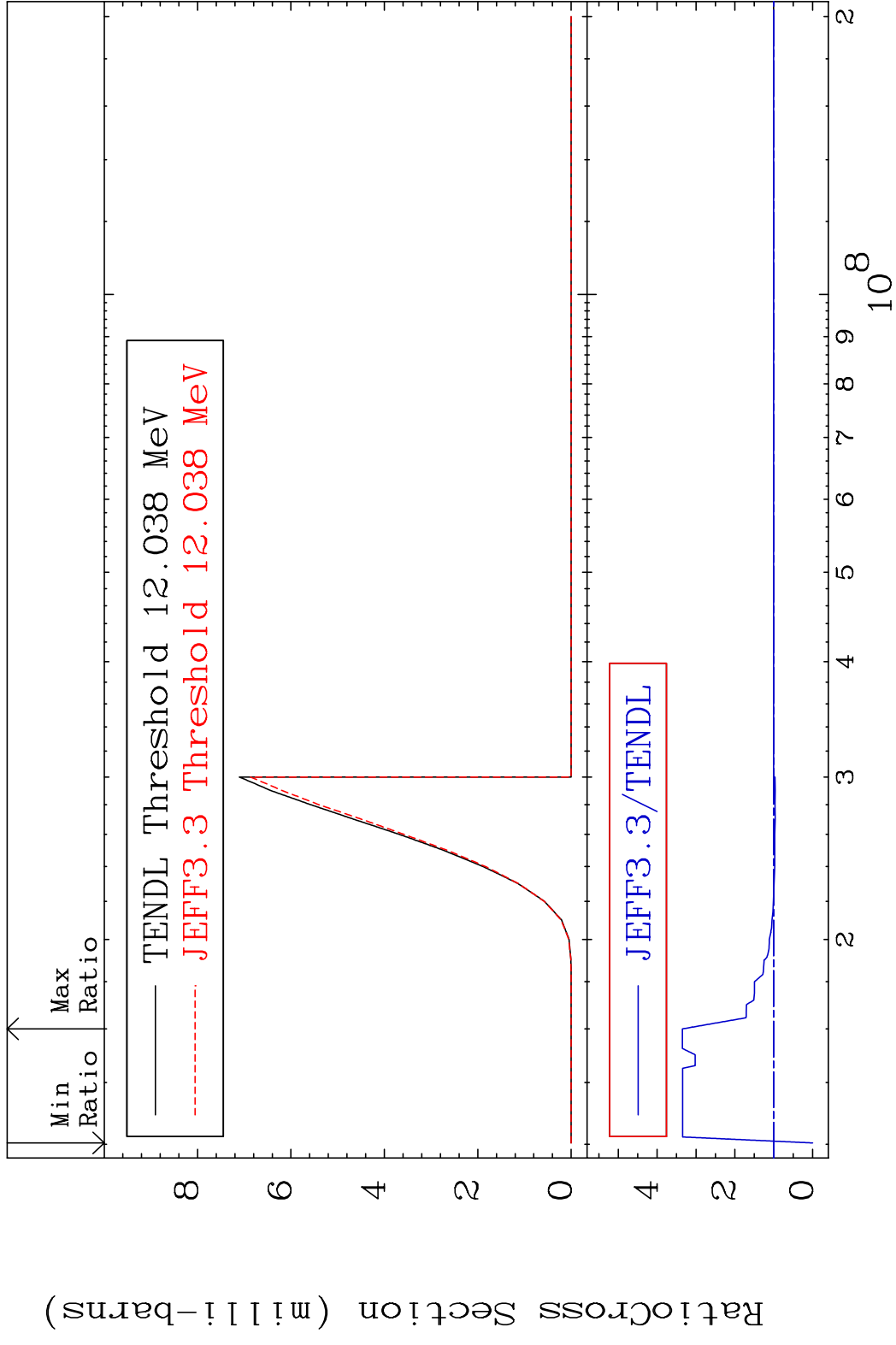
12 Incident Energy (eV) 65-Tb-160

MAT 6528

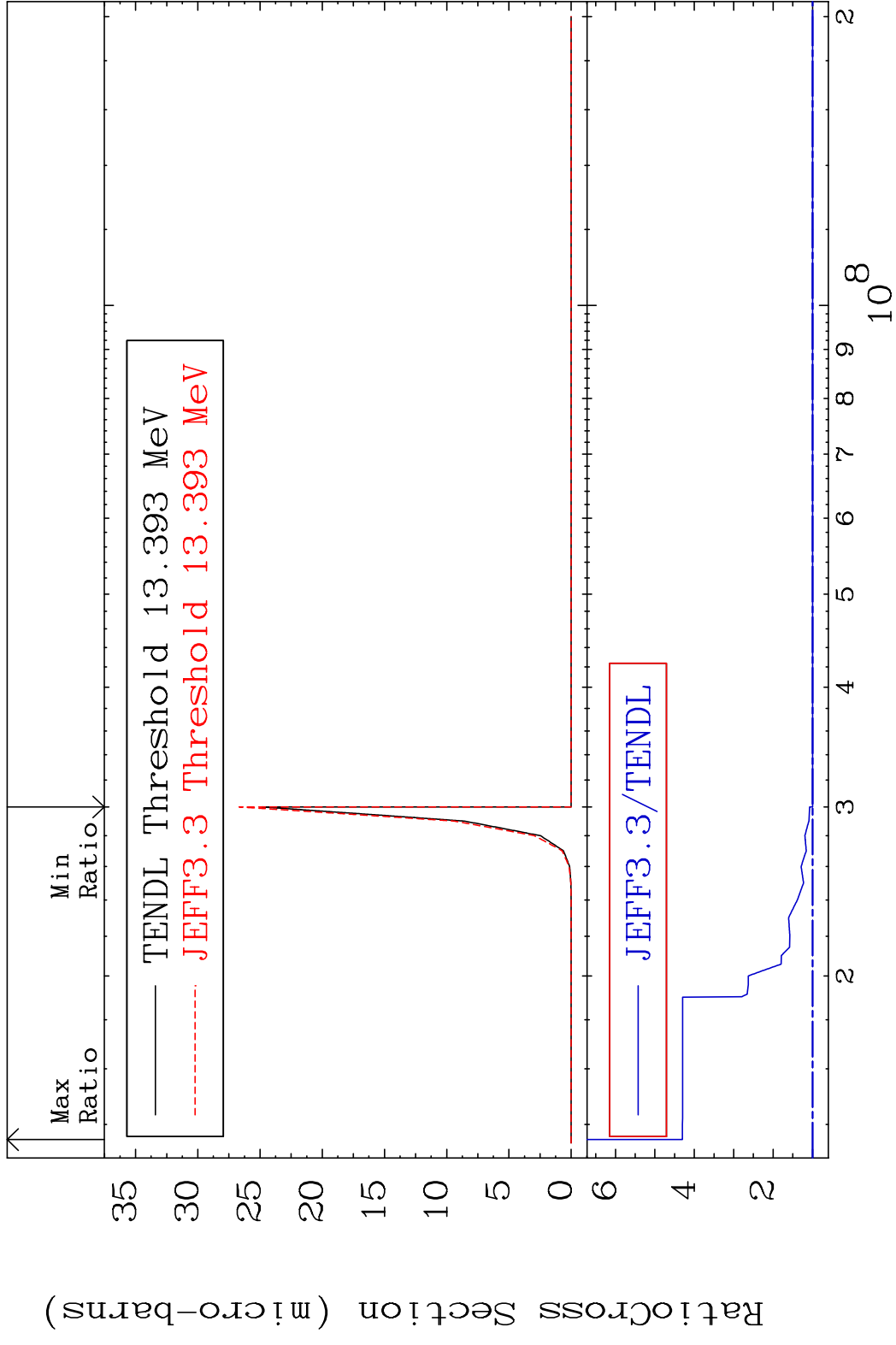
(n, n') t

65-Tb-160

Cross Section -100.0 To 235.1 %



MAT 6528 (n,n') He-3 65-Tb-160  
 Cross Section 0.000 To 330.3 %

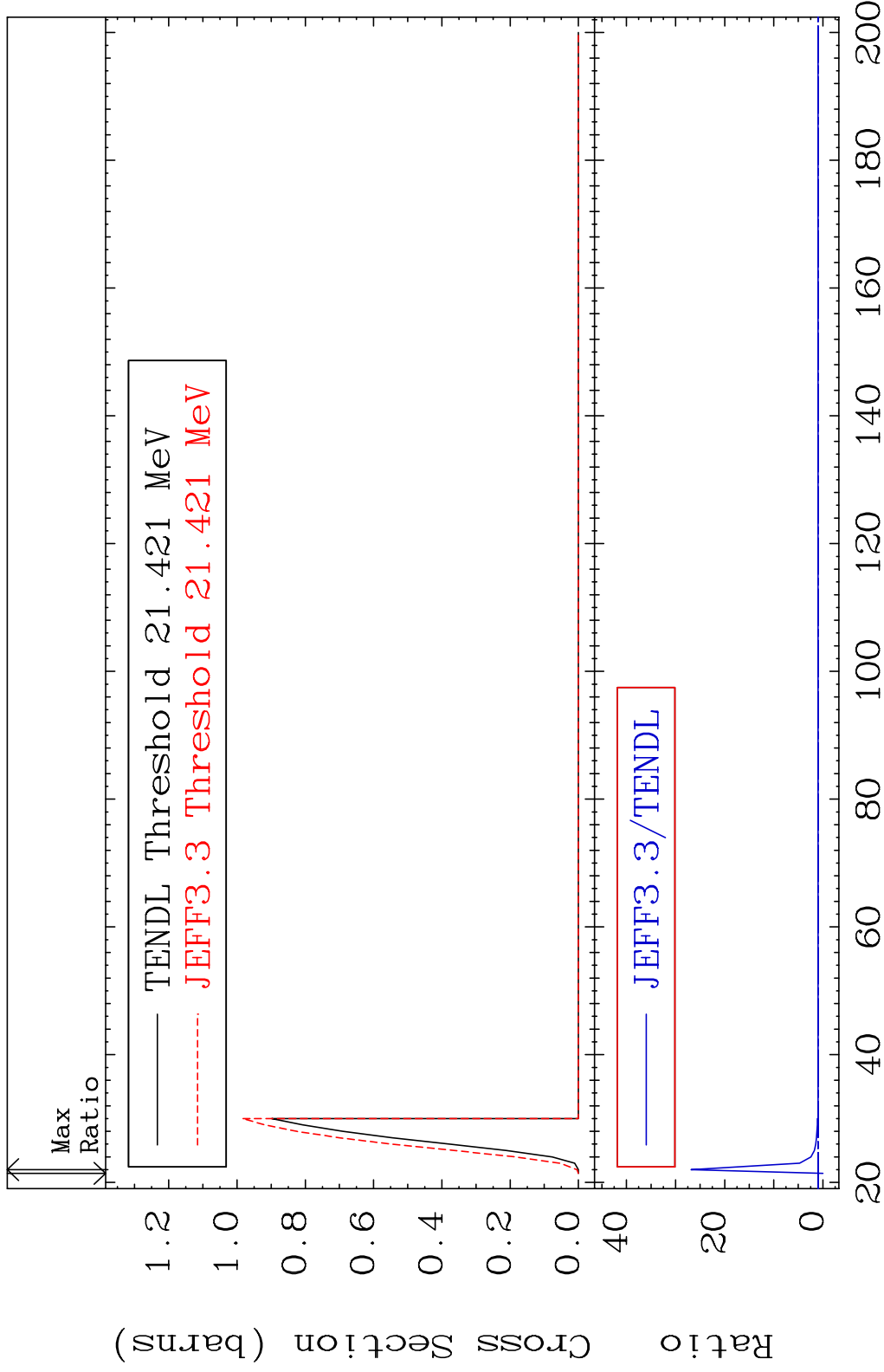


MAT 6528

(n,4n)

65-Tb-160

Cross Section -100.0 To 2585. %

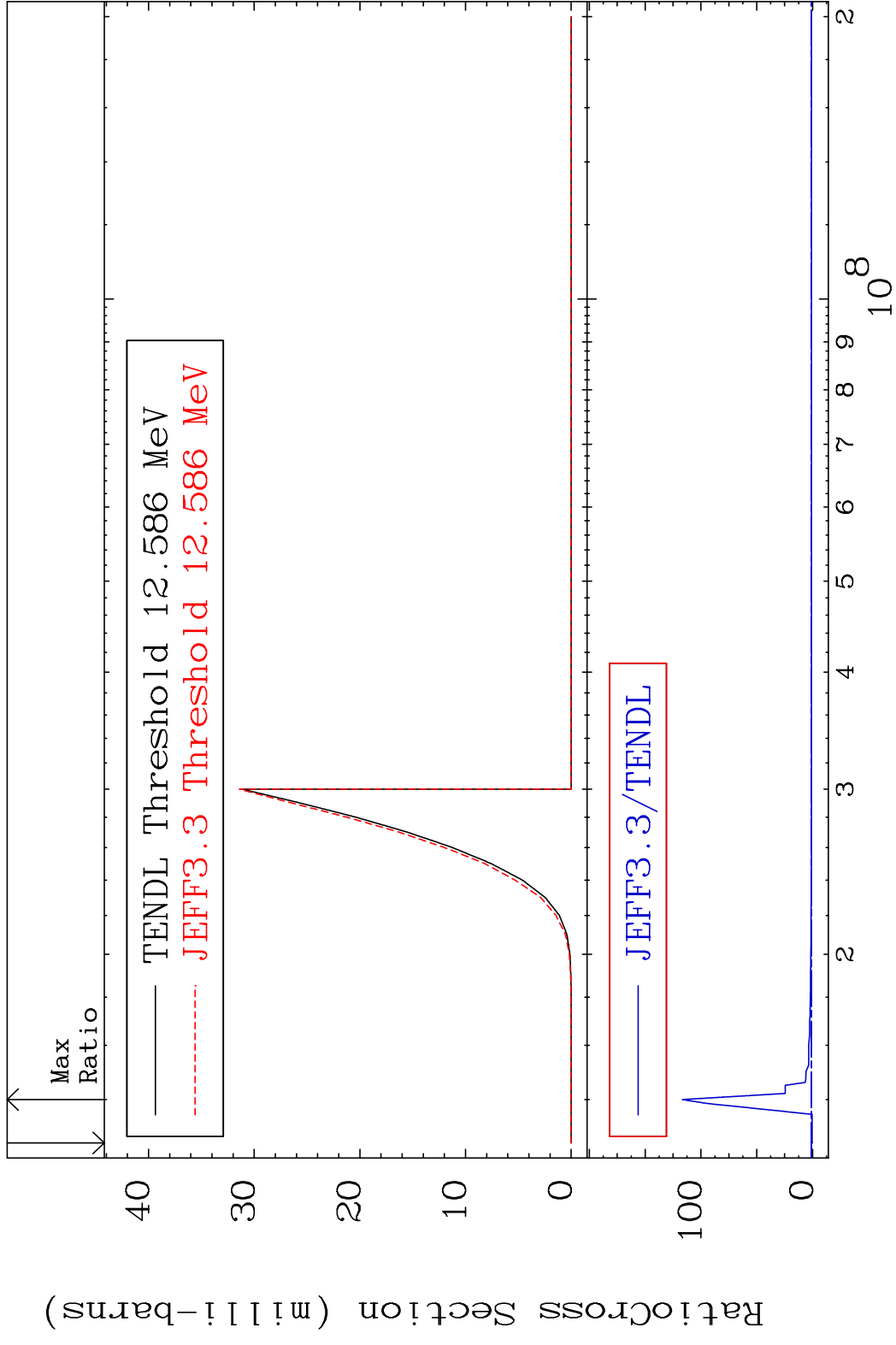


15

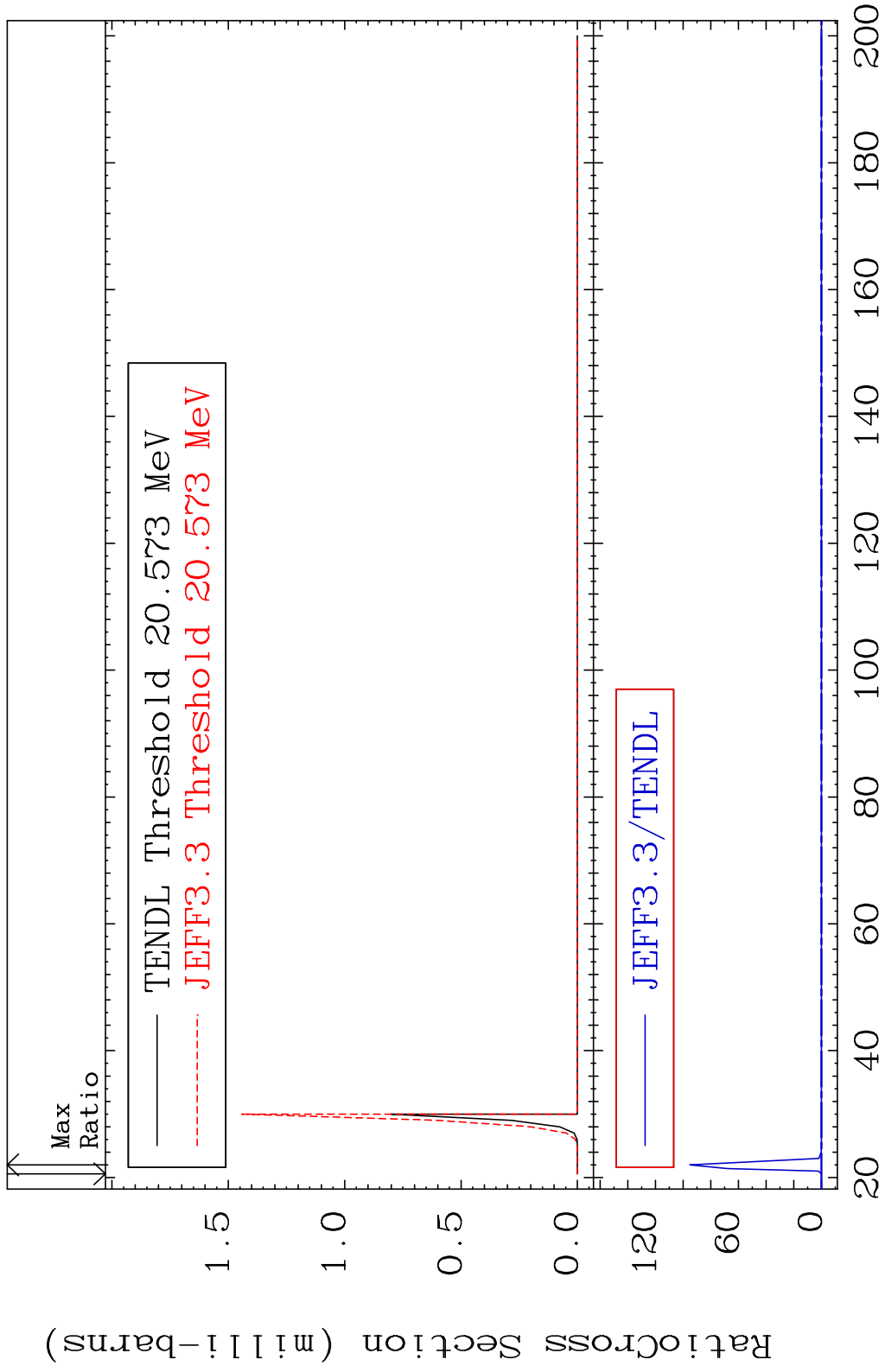
Incident Energy (MeV)

65-Tb-160

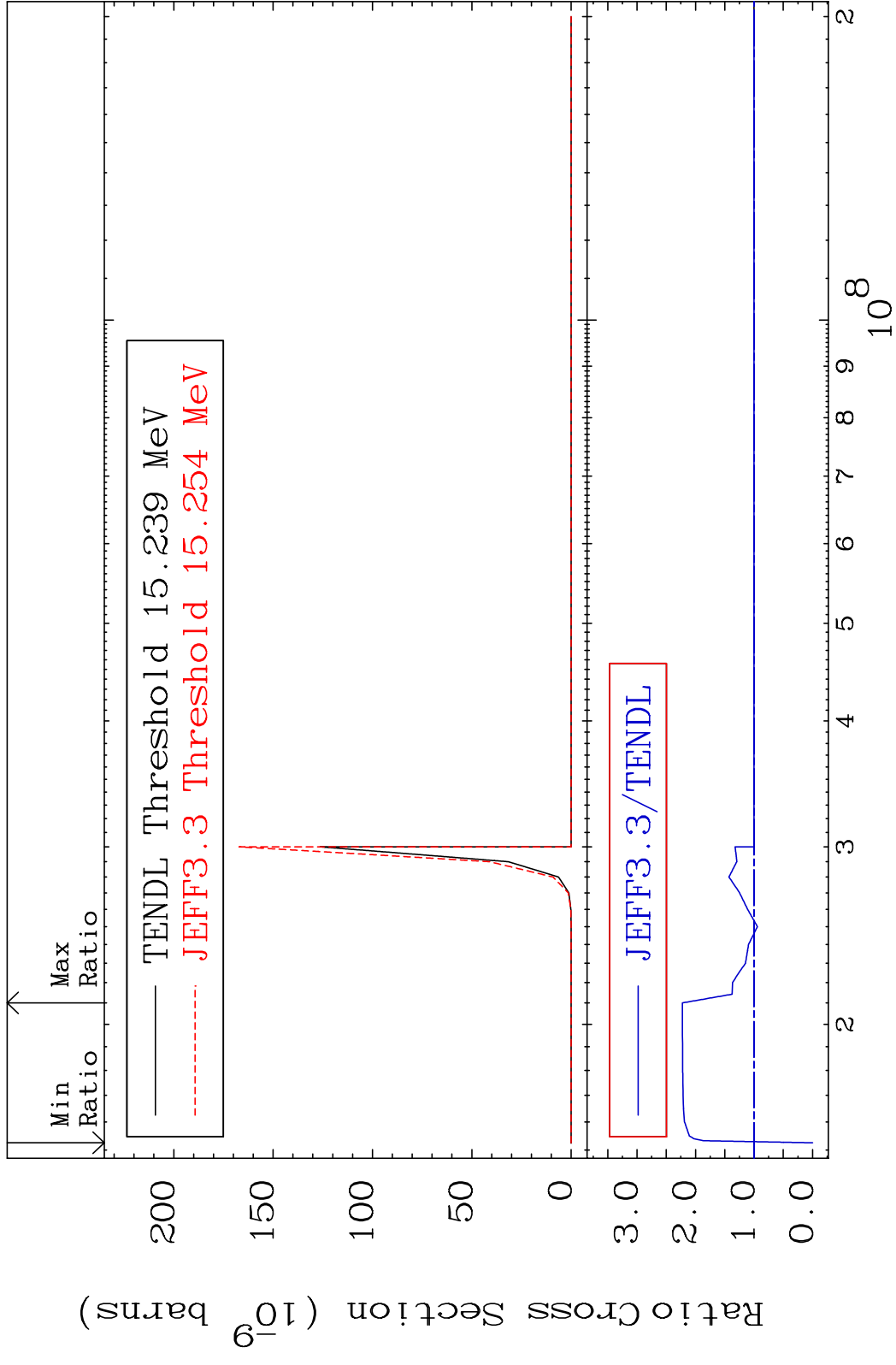
MAT 6528 (n,2n) p 65-Tb-160  
 Cross Section -100.0 To 9999. %



MAT 6528 (n,3n) p 65-Tb-160  
 Cross Section -100.0 To 9999. %

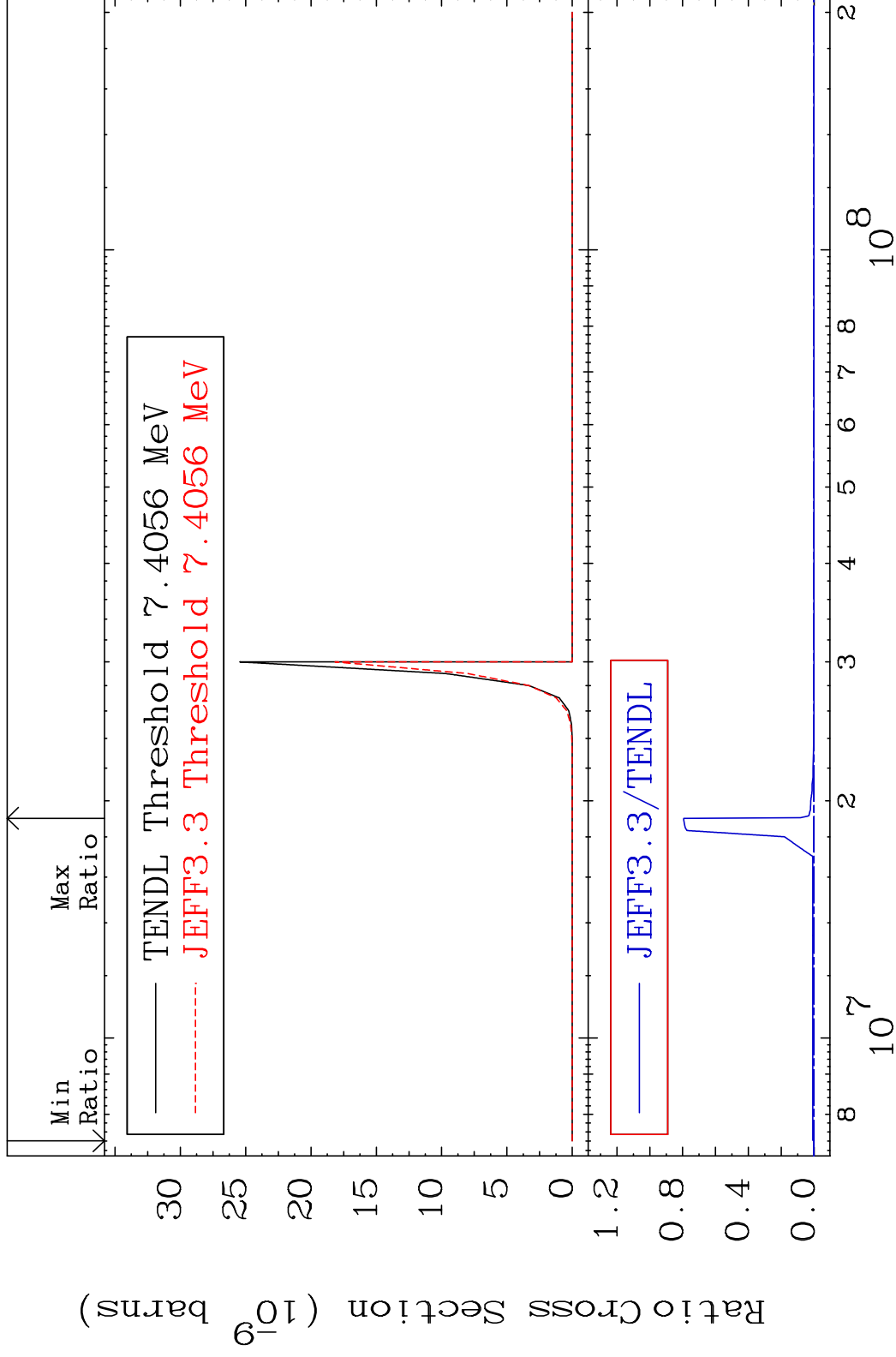


MAT 6528 (n,2n) p 65-Tb-160  
 Cross Section -100.0 To 122.5 %



MAT 6528

(n, n') p  $\alpha$  65-Tb-160  
Cross Section -100.0 To 9999. %

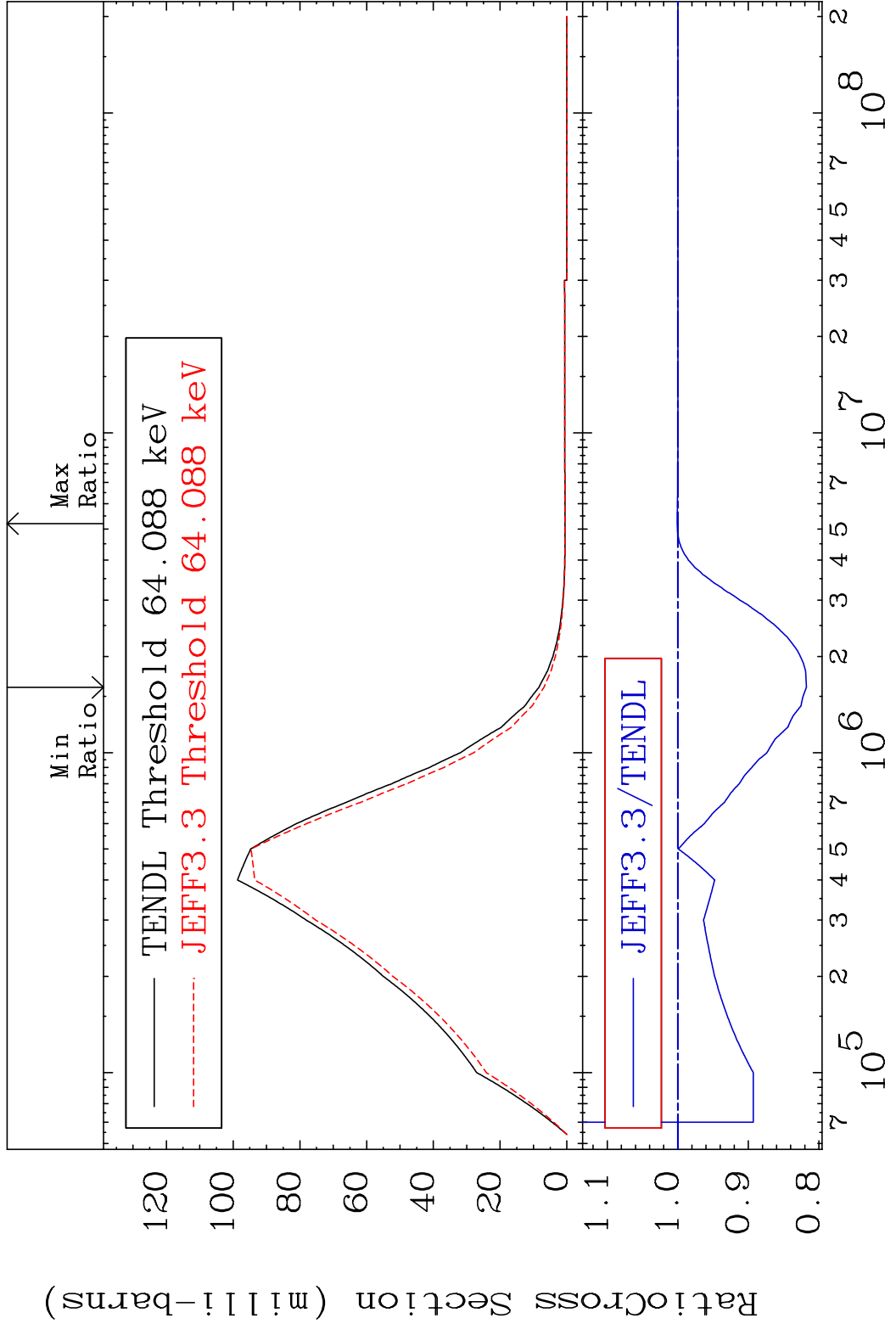


19

Incident Energy (eV)

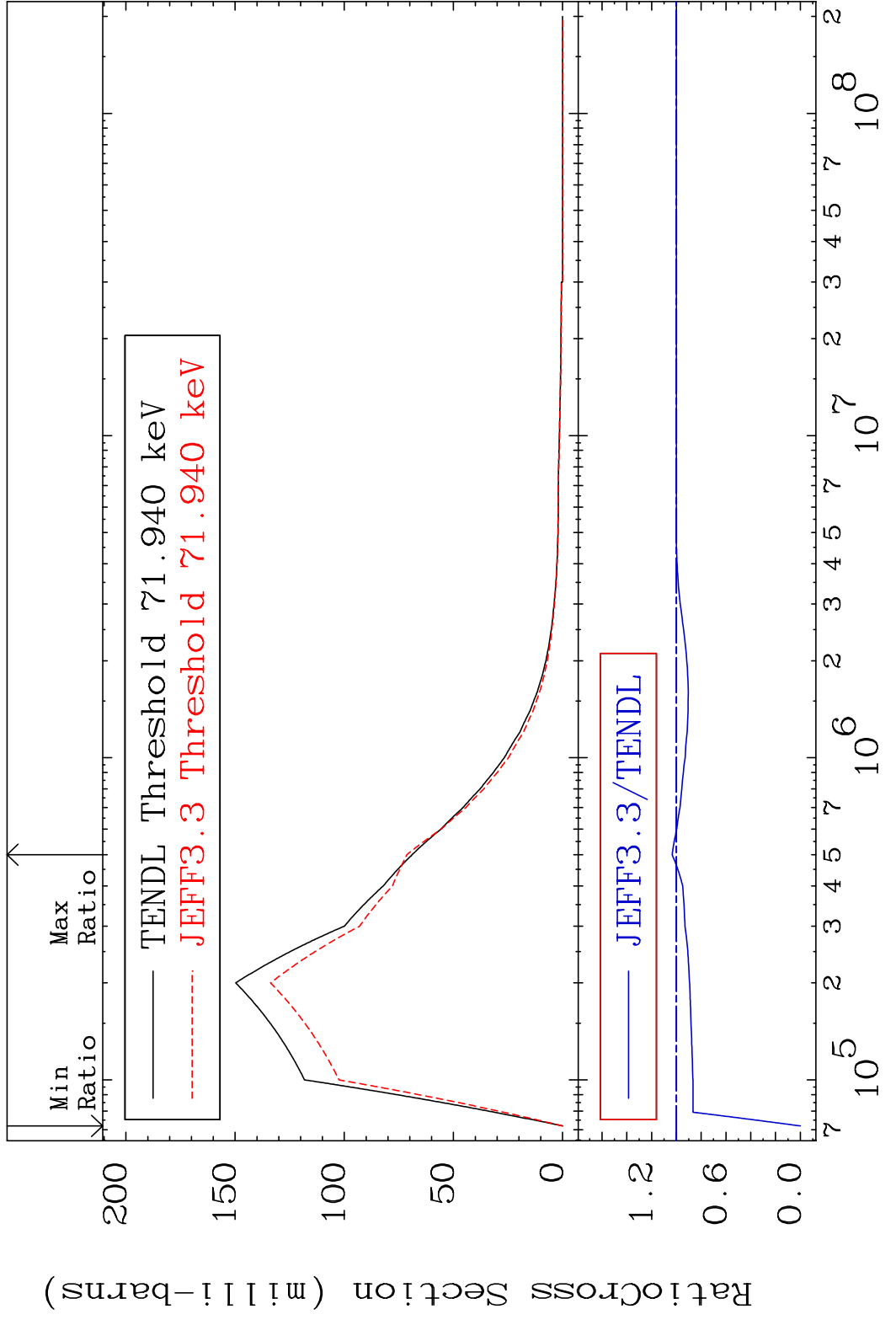
65-Tb-160

MAT 6528 MT= 51 (n, n') Level 65-Tb-160  
 Cross Section -18.22 To 0.088 %

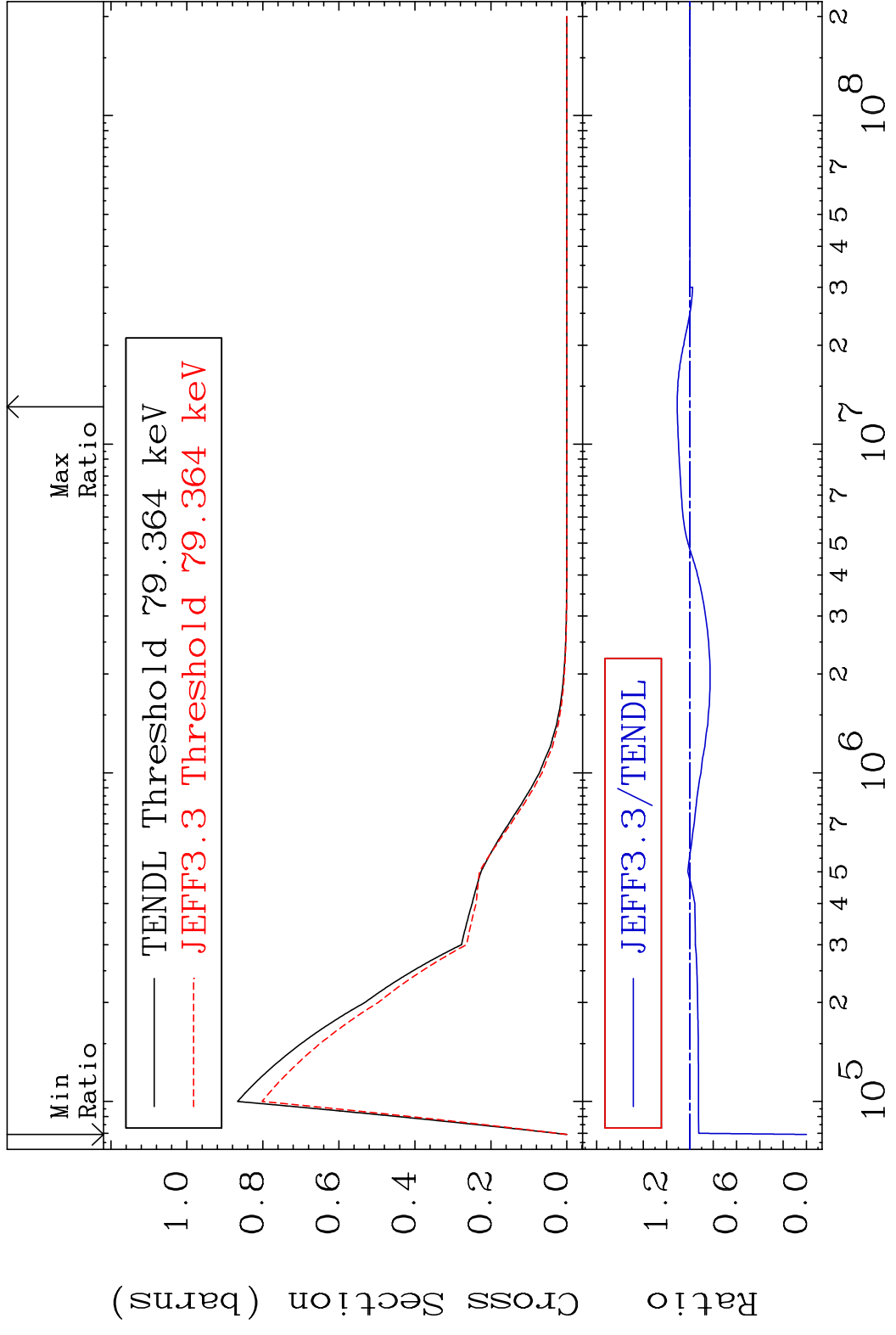


20 Incident Energy (eV) 65-Tb-160

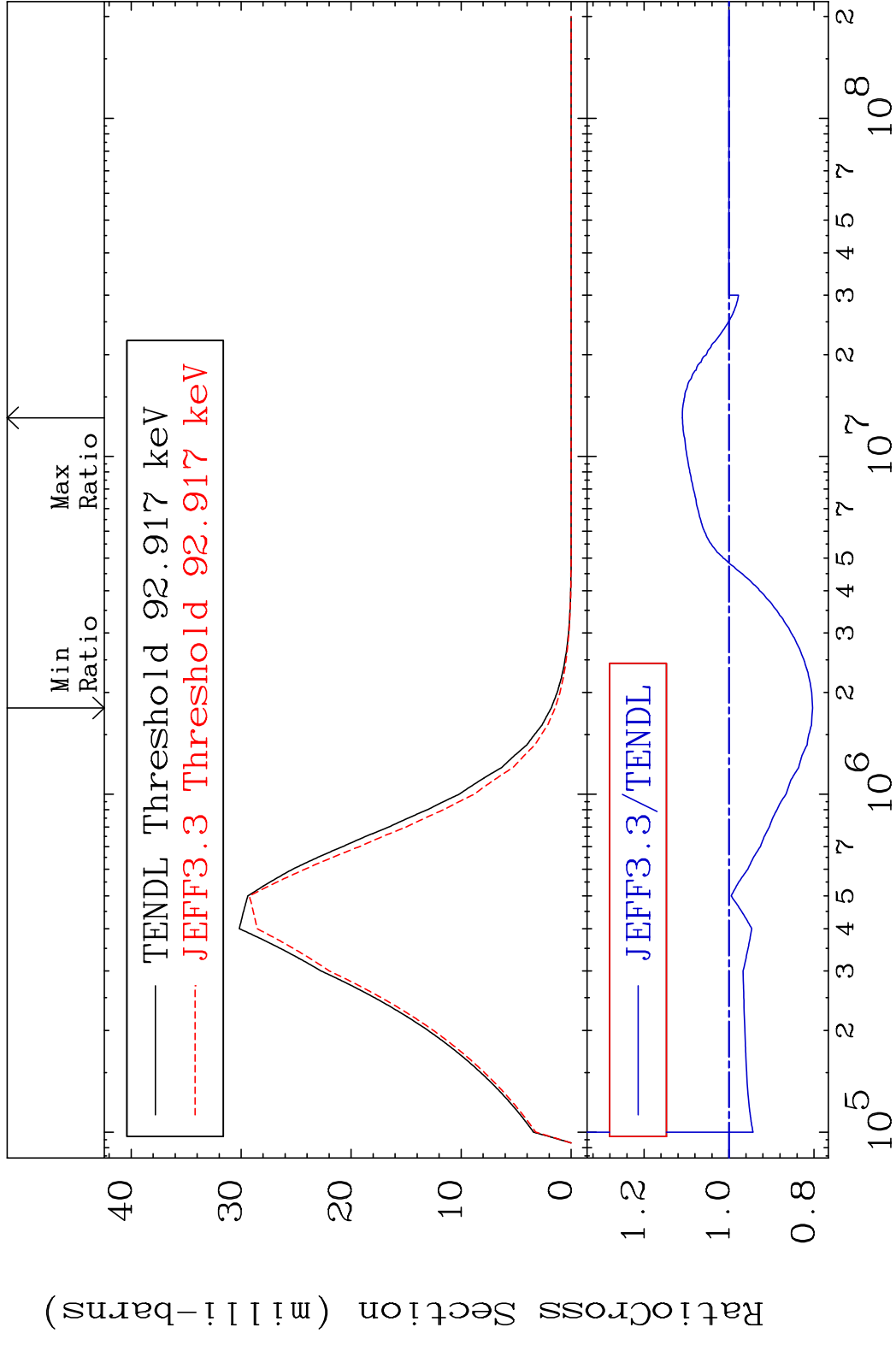
MAT 6528 MT= 52 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 3.450 %



MAT 6528 MT= 53 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.93 %

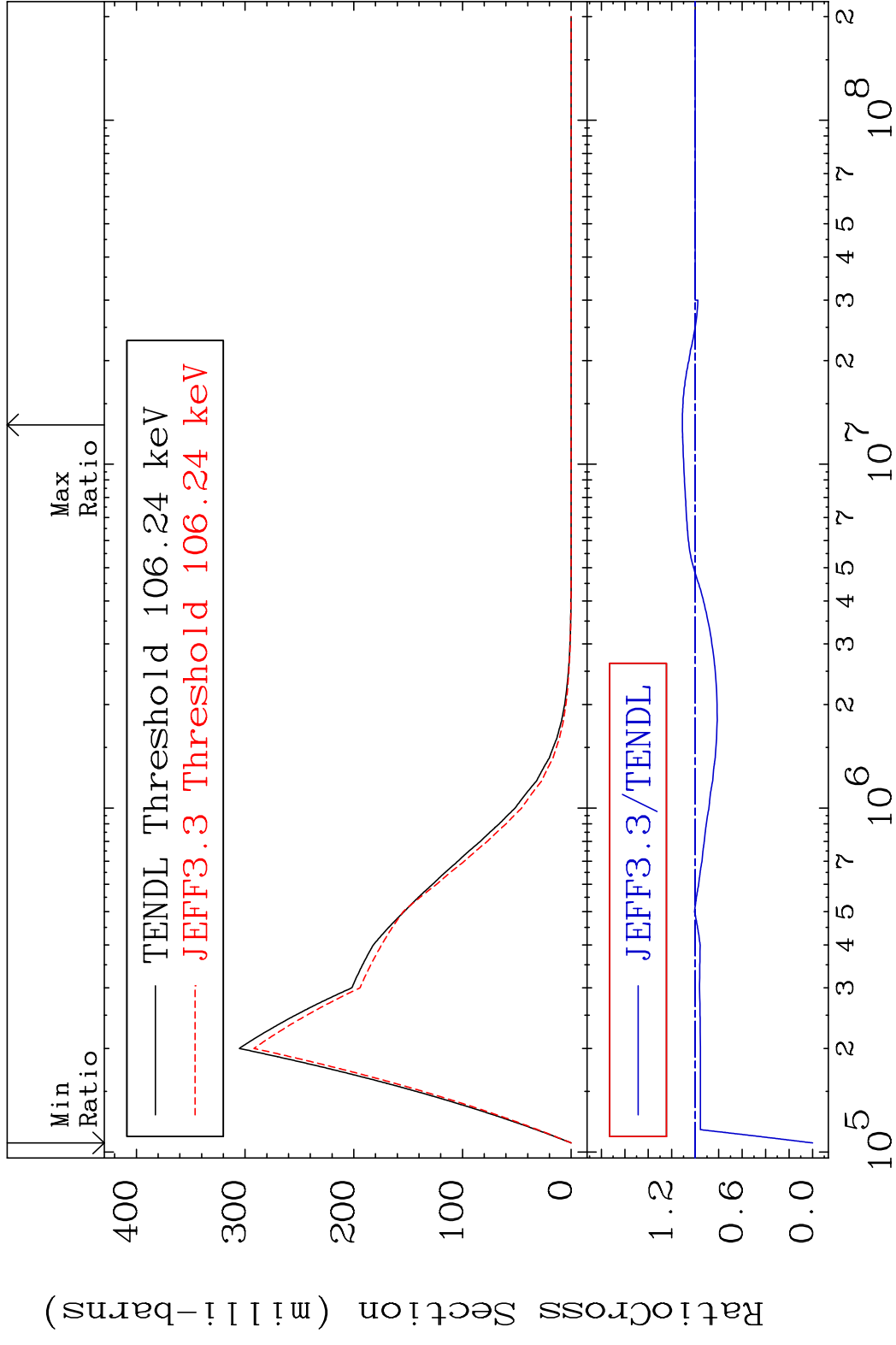


MAT 6528 MT= 54 (n, n') Level 65-Tb-160  
 Cross Section -19.66 To 10.97 %



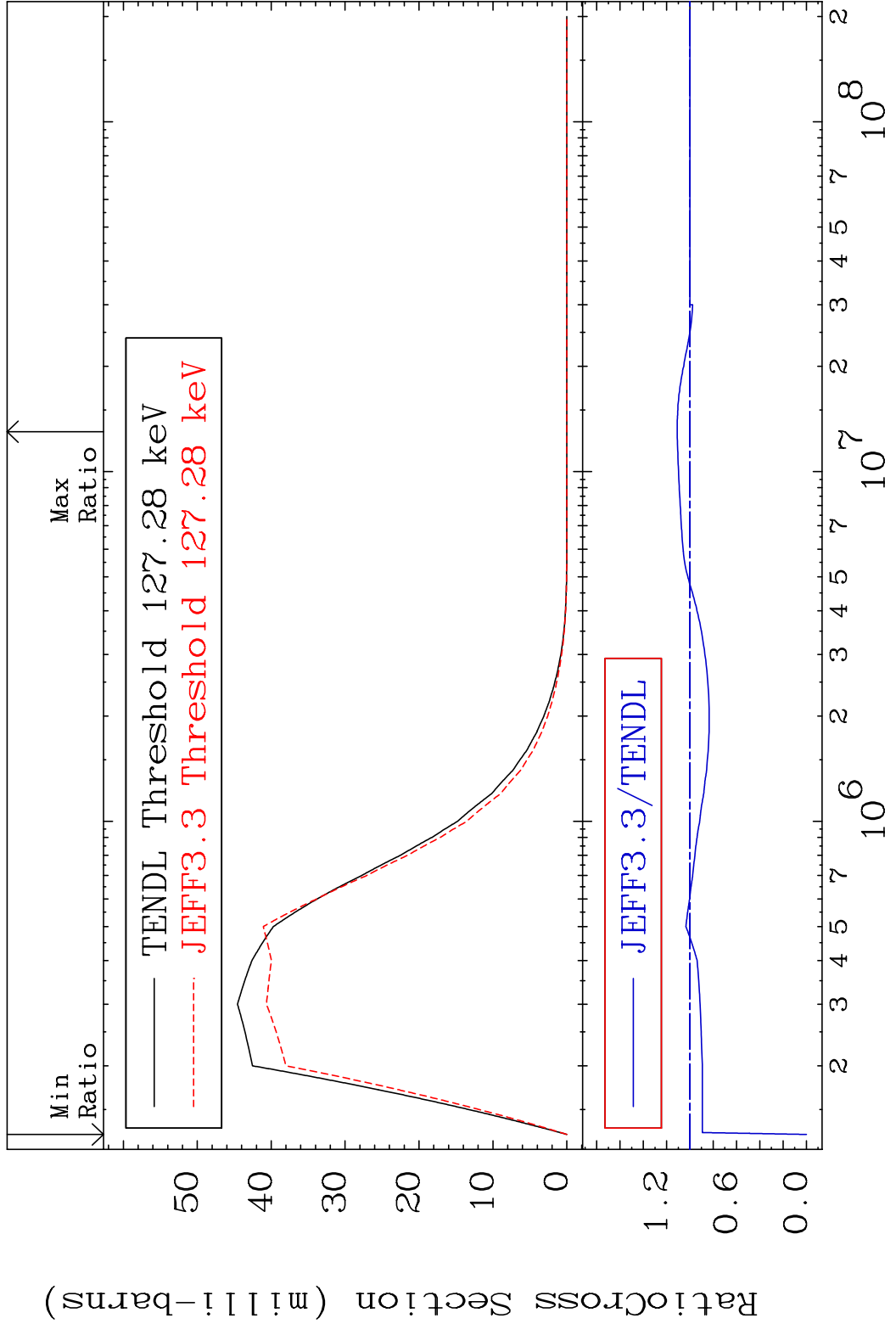
23 Incident Energy (eV) 65-Tb-160

MAT 6528 MT= 55 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.96 %

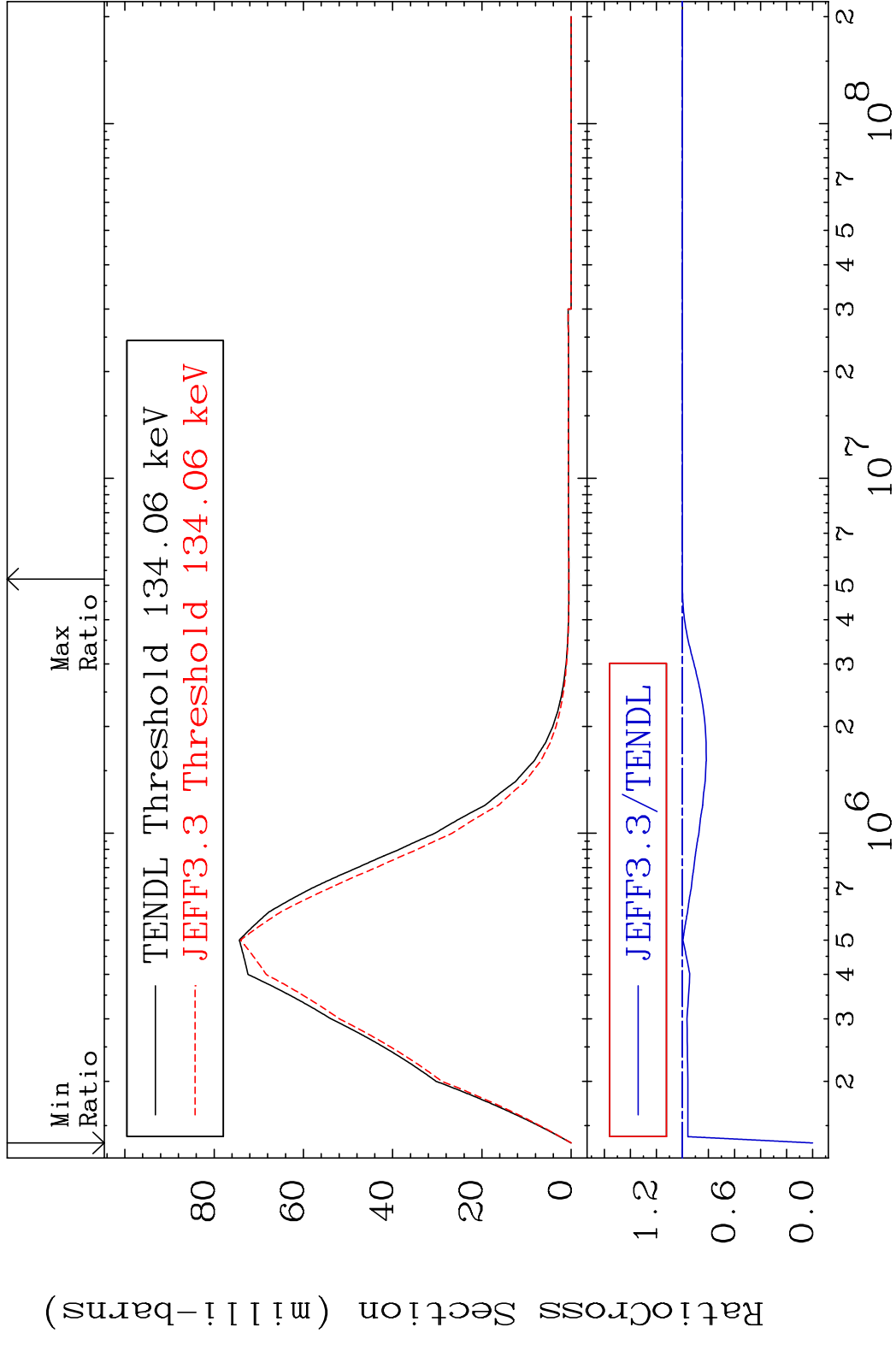


24 Incident Energy (eV) 65-Tb-160

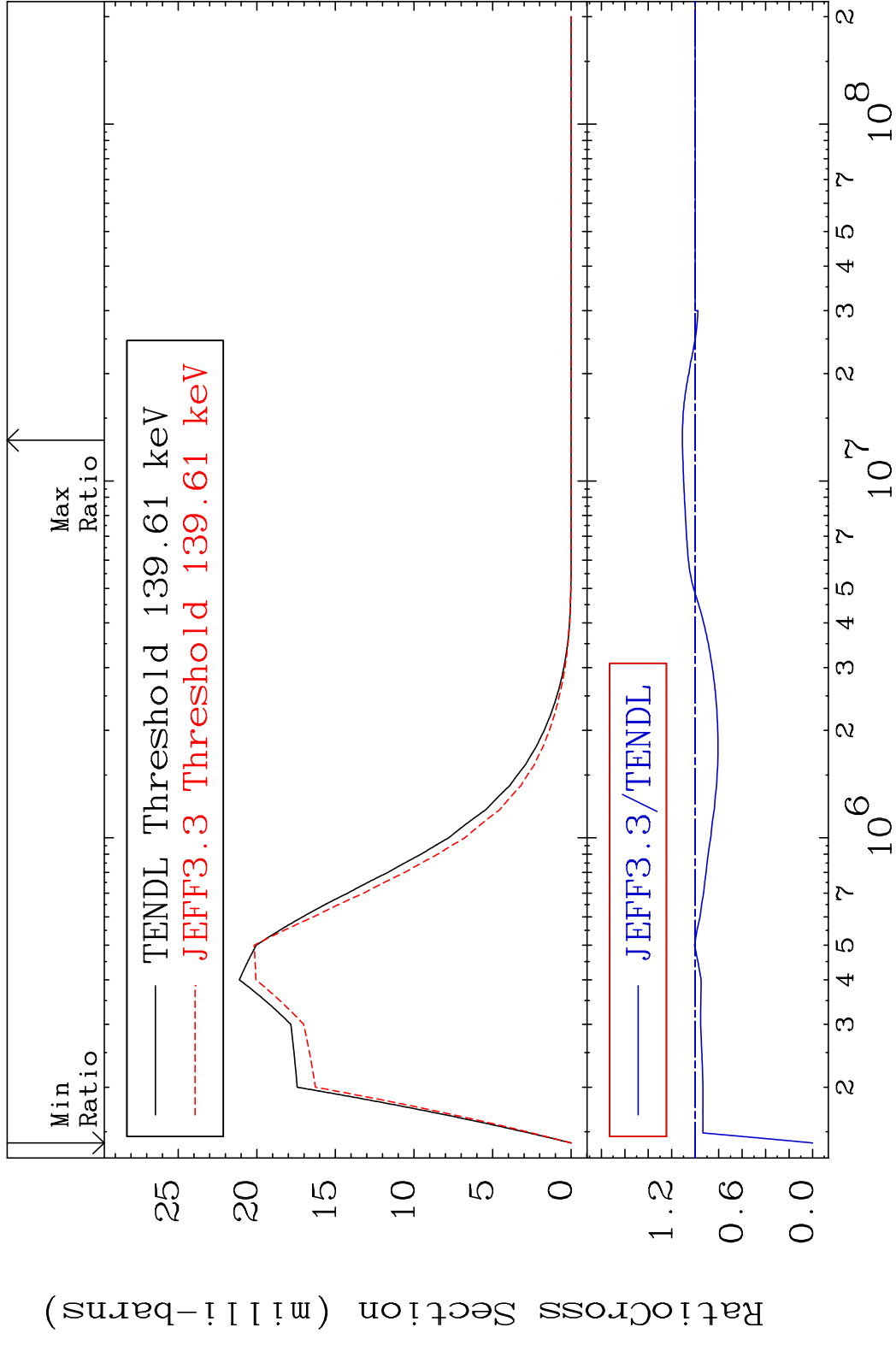
MAT 6528 MT= 56 (n,n') Level 65-Tb-160  
 Cross Section -100.0 To 10.91 %



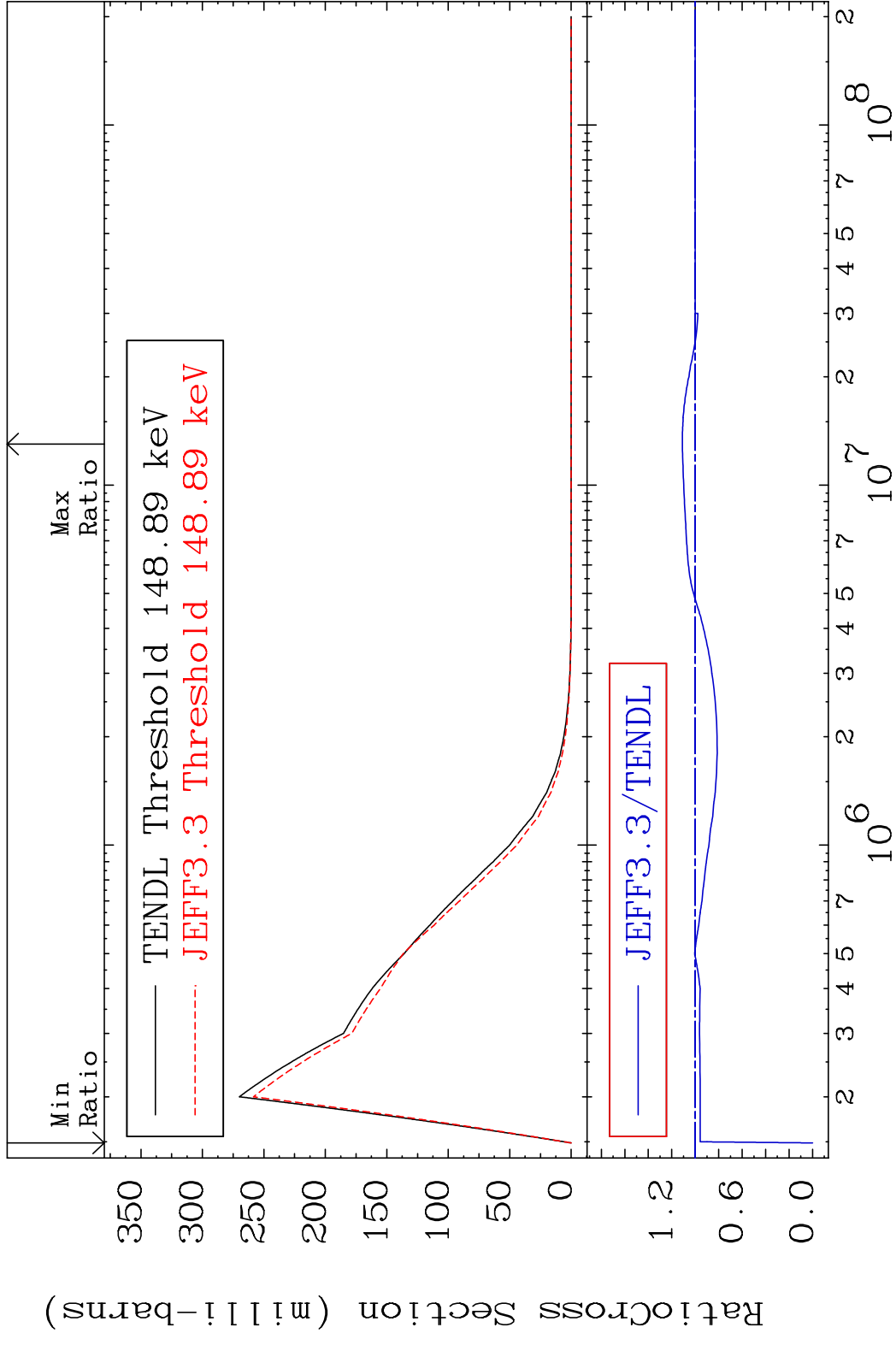
MAT 6528 MT= 57 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 0.088 %



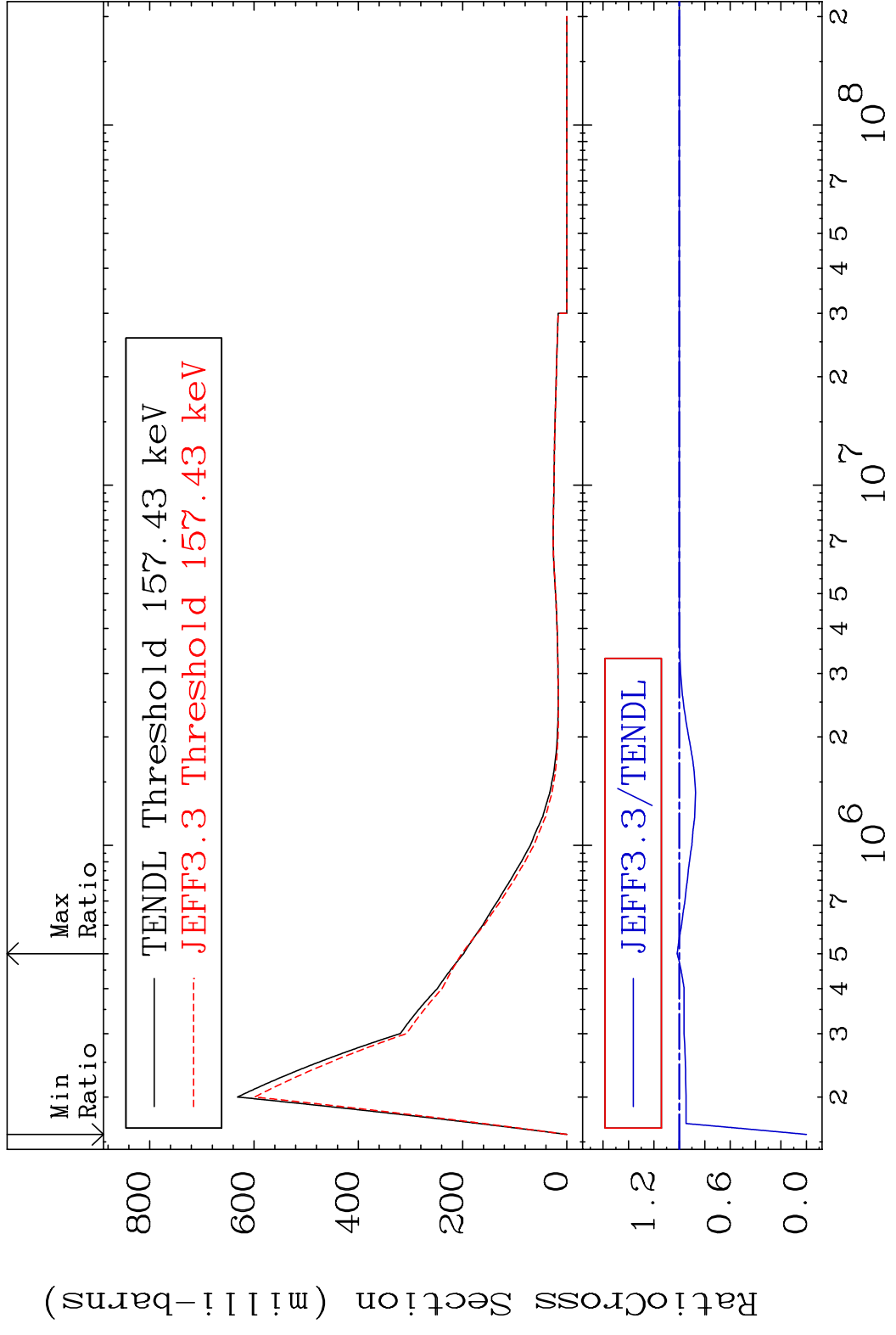
MAT 6528 MT= 58 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.97 %



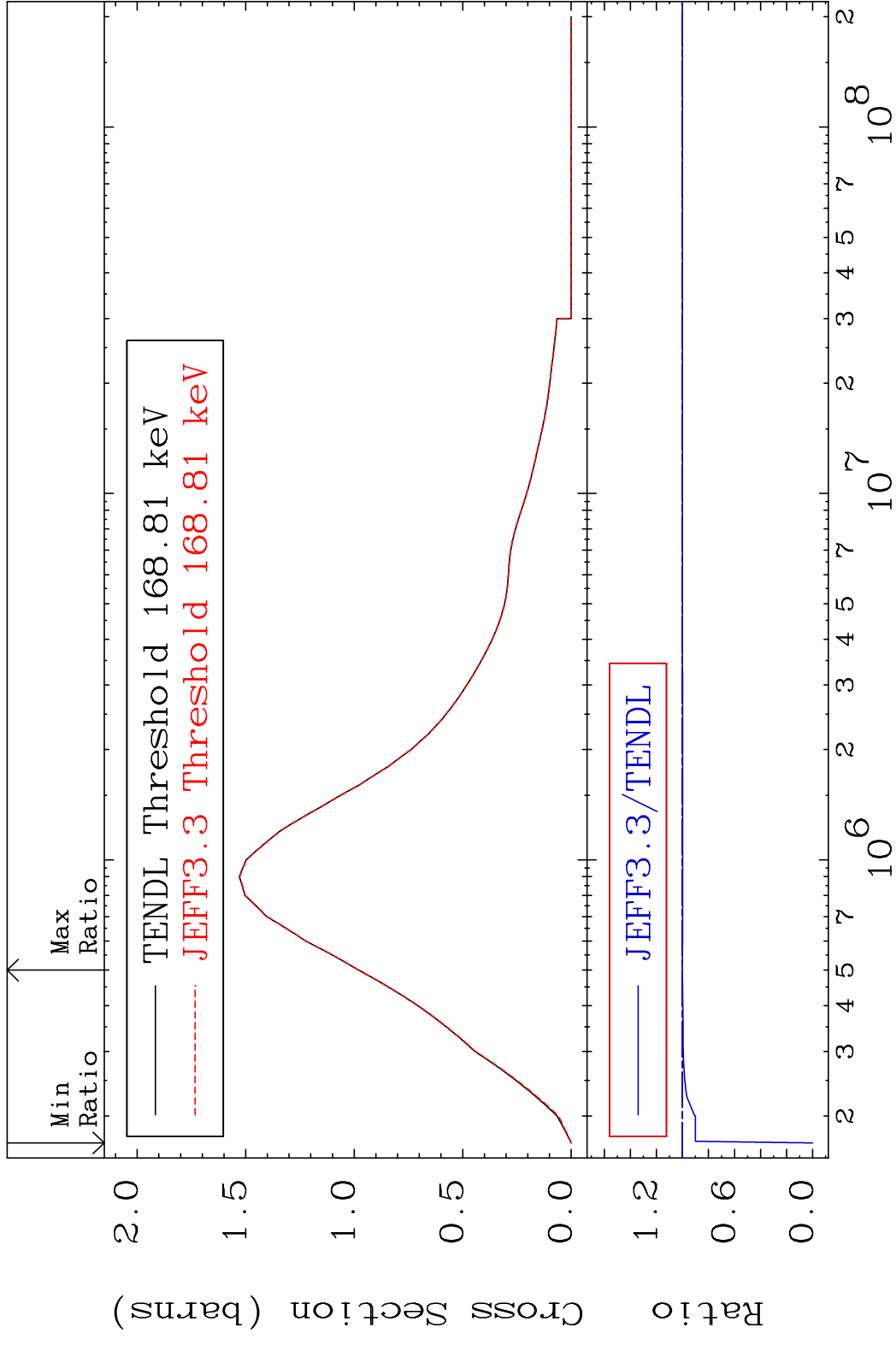
MAT 6528 MT= 59 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.96 %



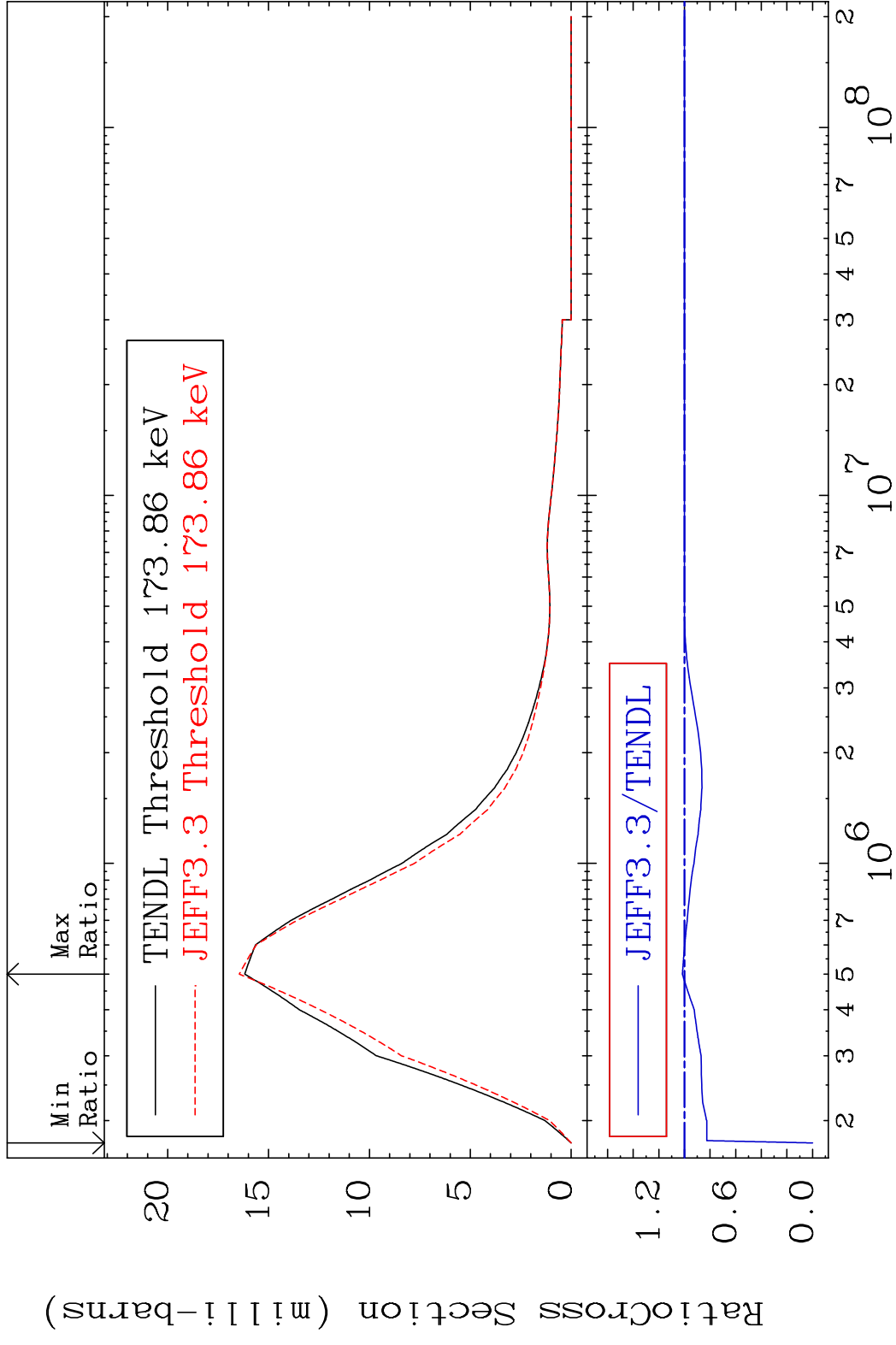
MAT 6528 MT= 60 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 1.690 %



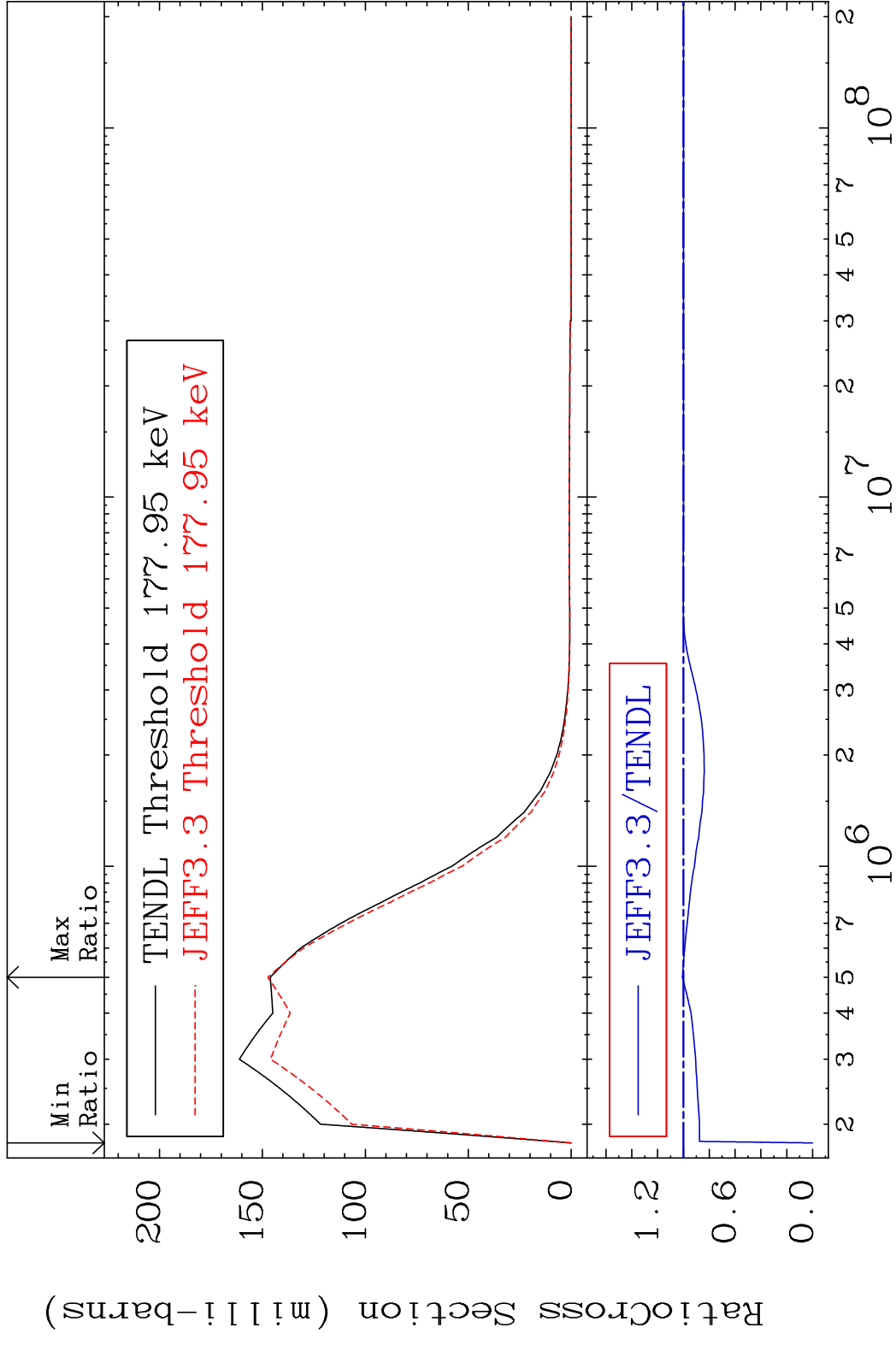
MAT 6528 MT= 61 (n,n') Level 65-Tb-160  
 Cross Section -100.0 To 0.100 %



MAT 6528 MT= 62 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 1.650 %

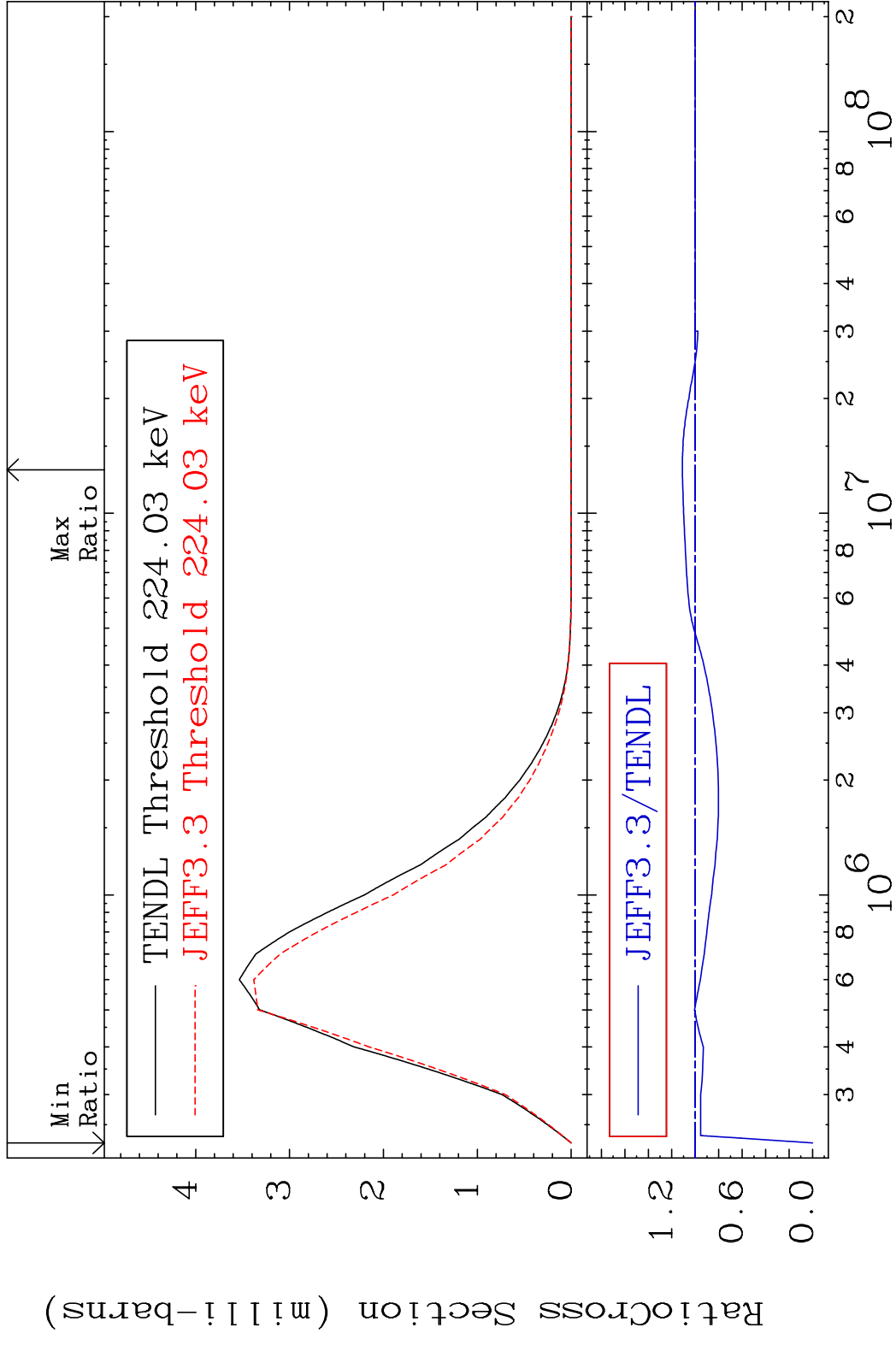


MAT 6528 MT= 63 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 0.830 %

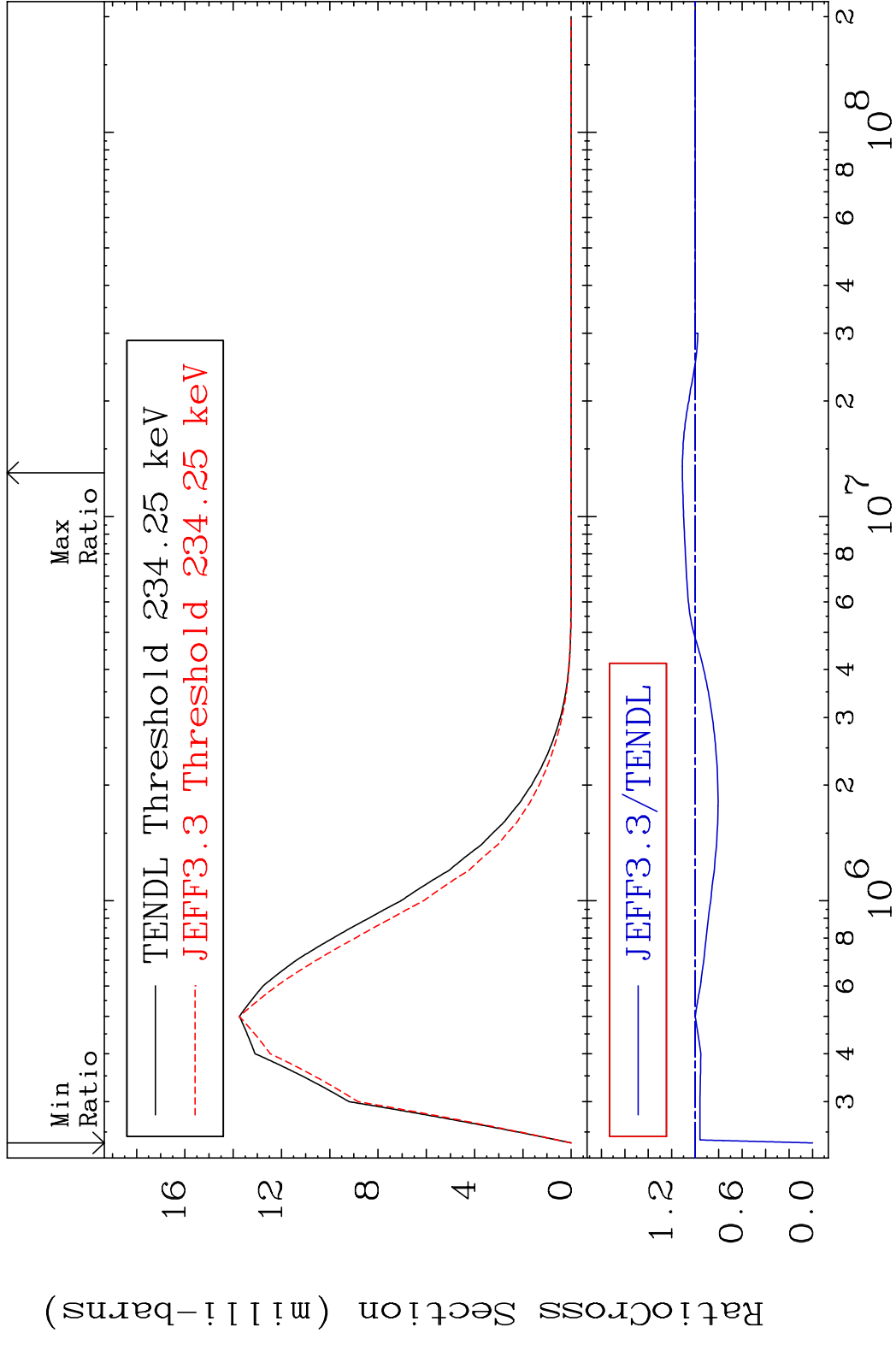




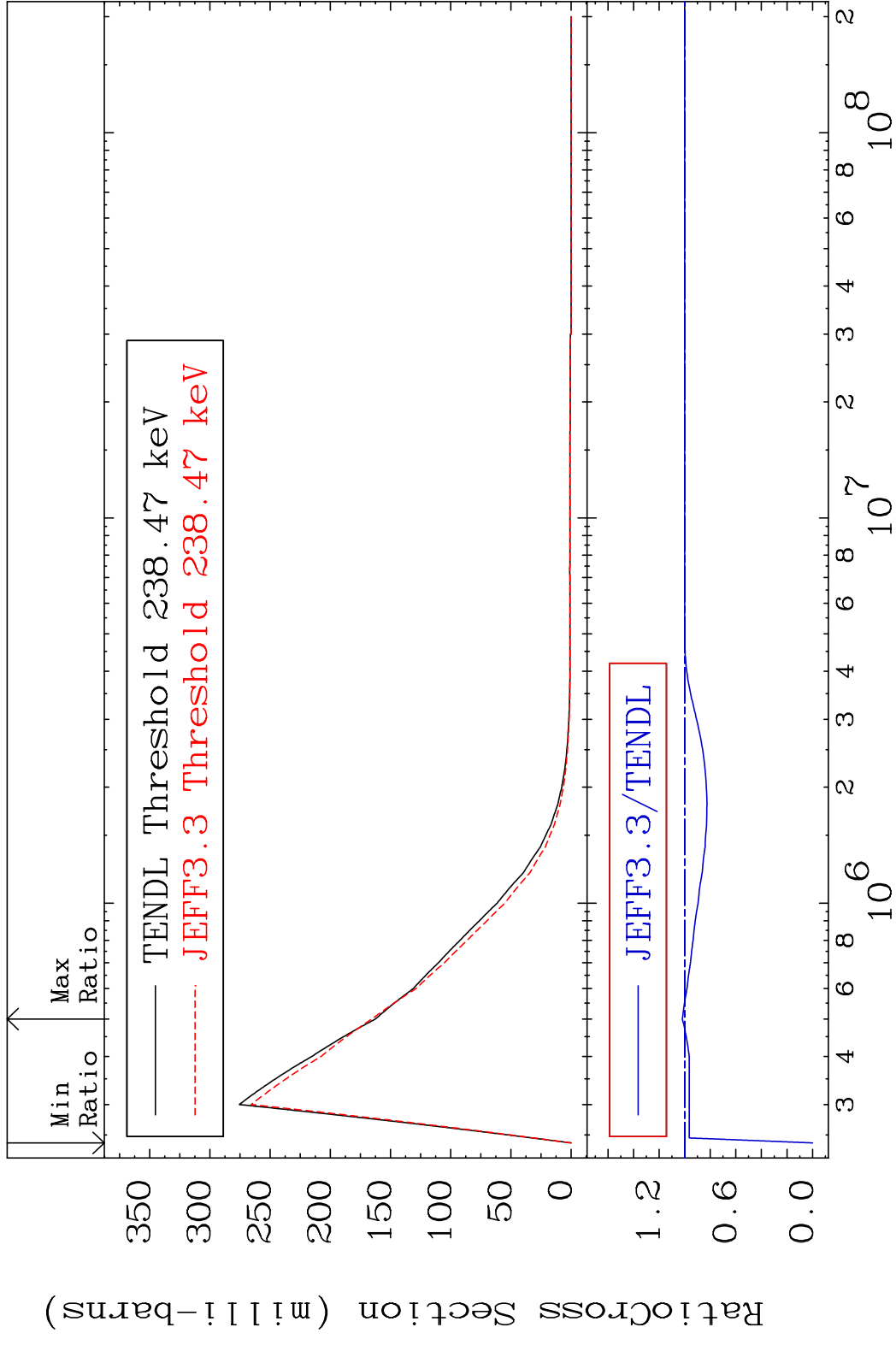
MAT 6528 MT= 65 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.97 %



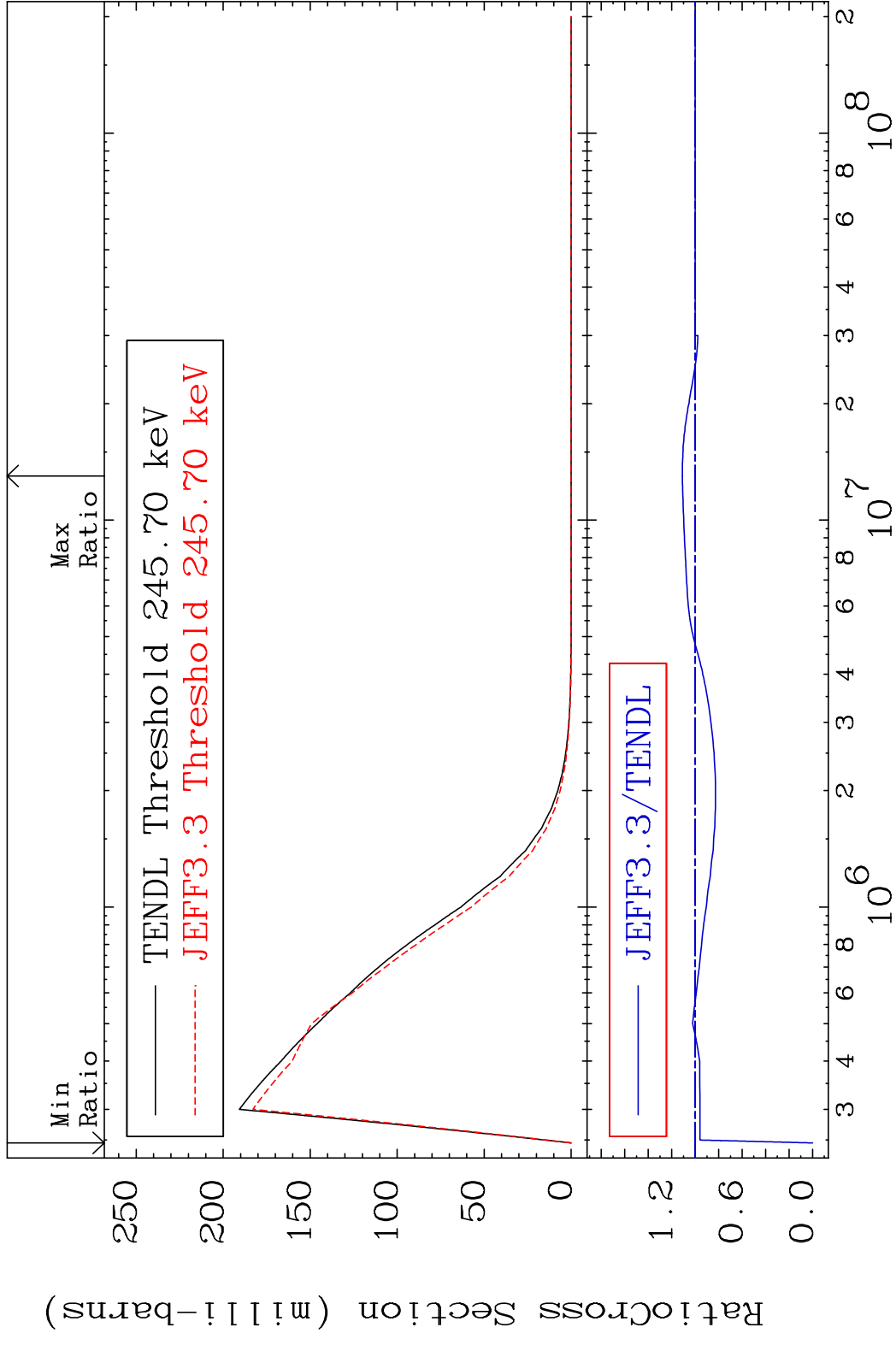
MAT 6528 MT= 66 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.97 %



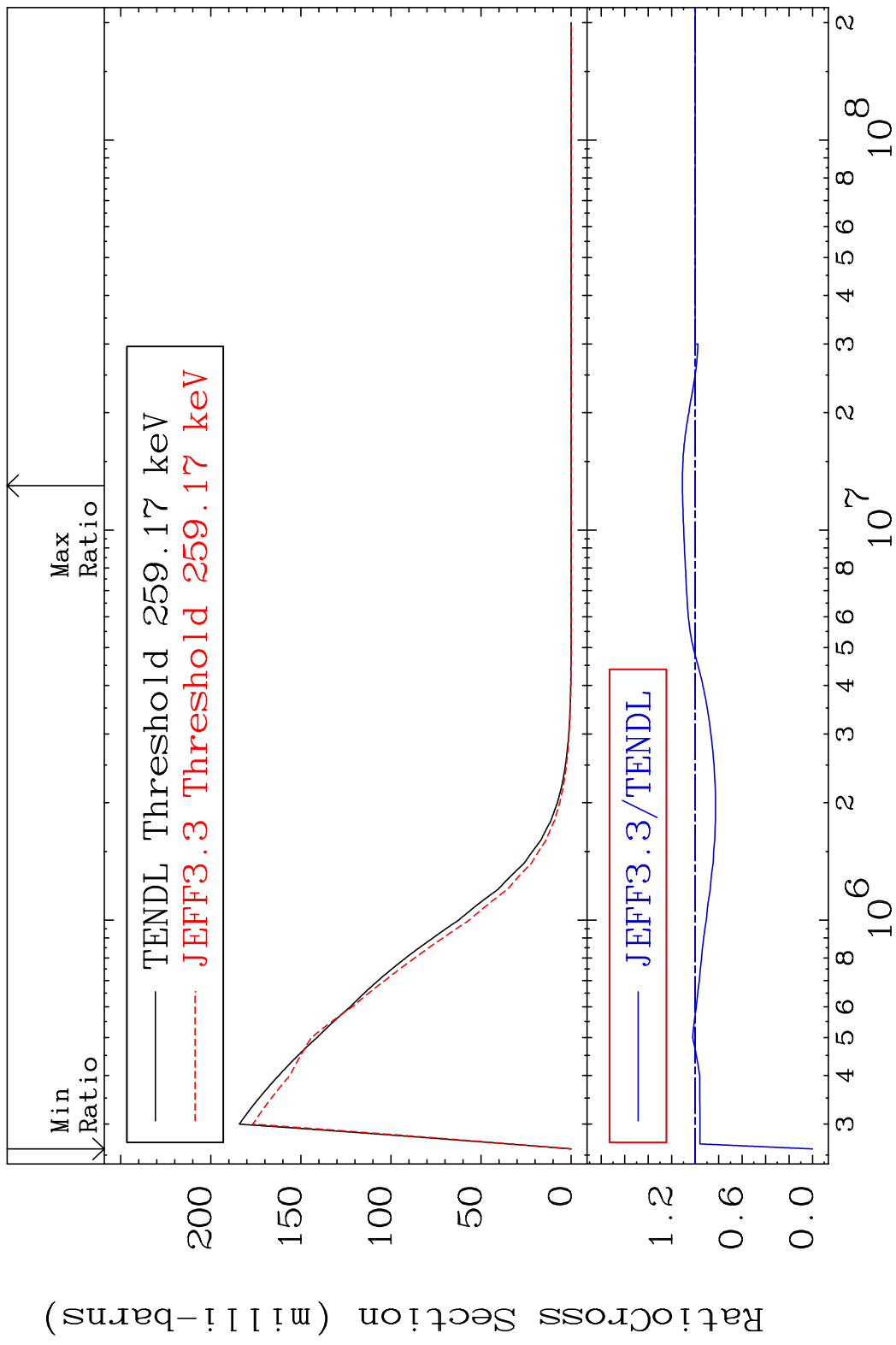
MAT 6528 MT= 67 (n,n') Level 65-Tb-160  
 Cross Section -100.0 To 1.823 %



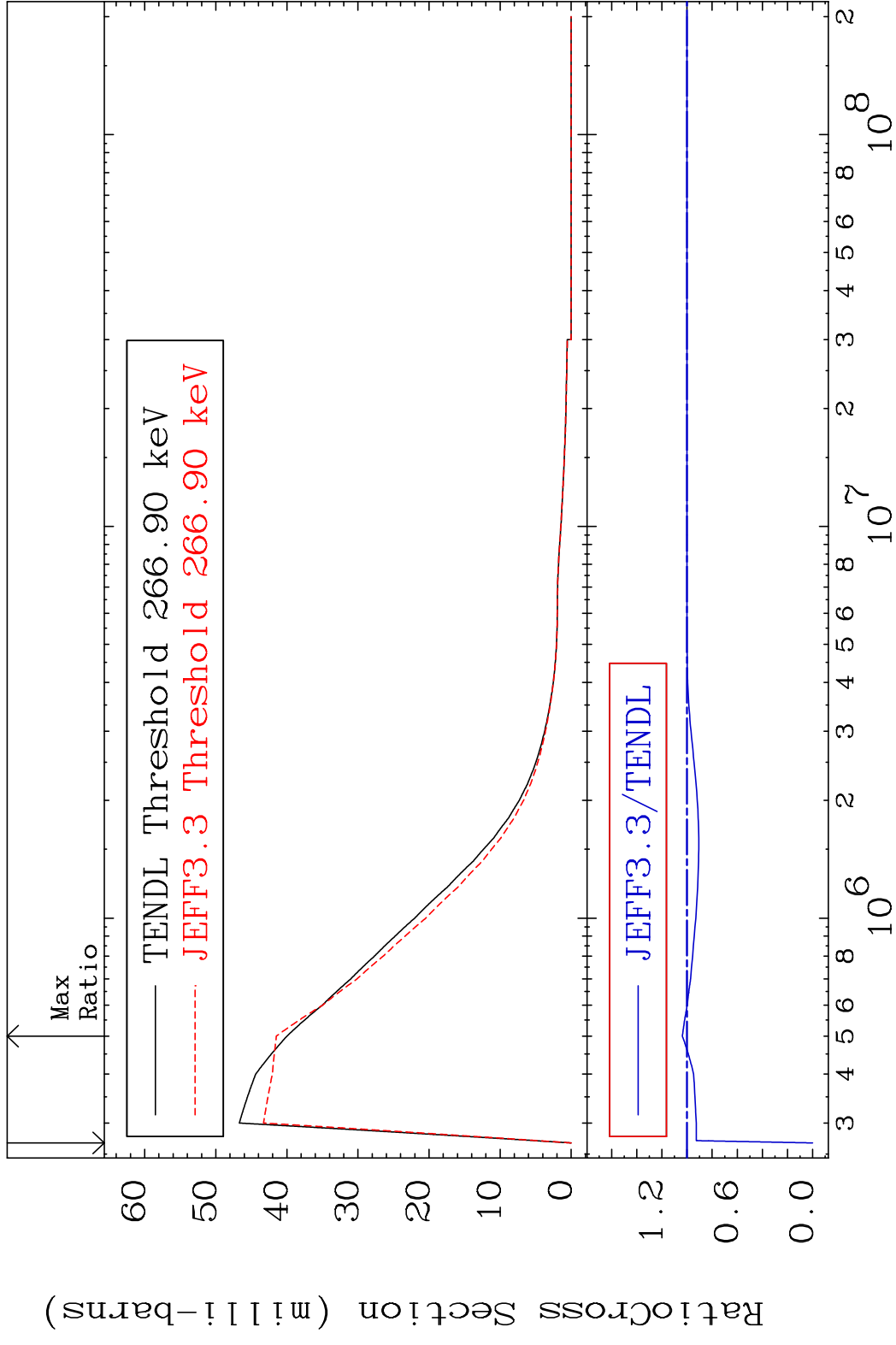
MAT 6528 MT= 68 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.93 %



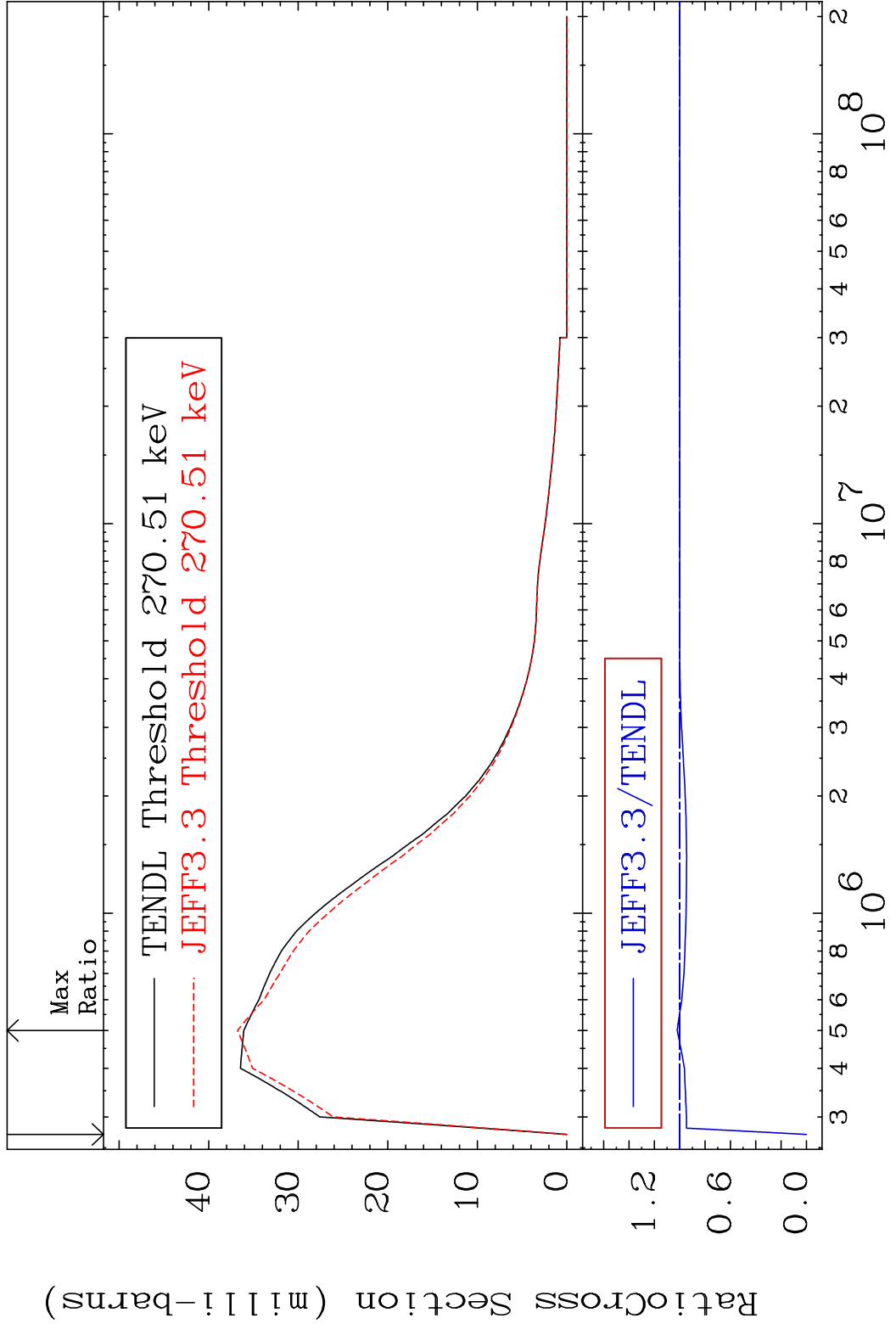
MAT 6528 MT= 69 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.93 %



MAT 6528 MT= 70 (n,n') Level 65-Tb-160  
 Cross Section -100.0 To 3.734 %



MAT 6528 MT= 71 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 1.950 %

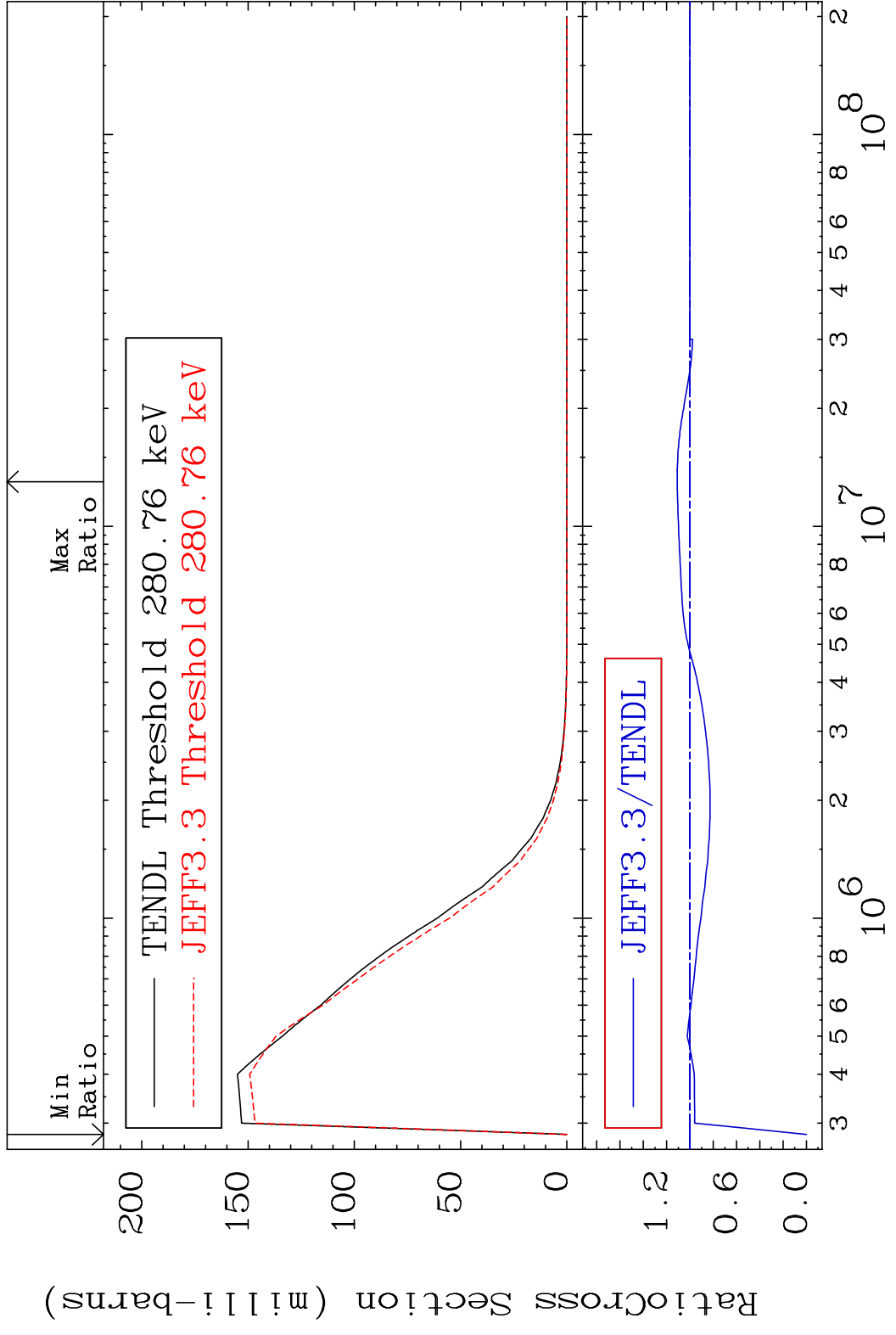


40

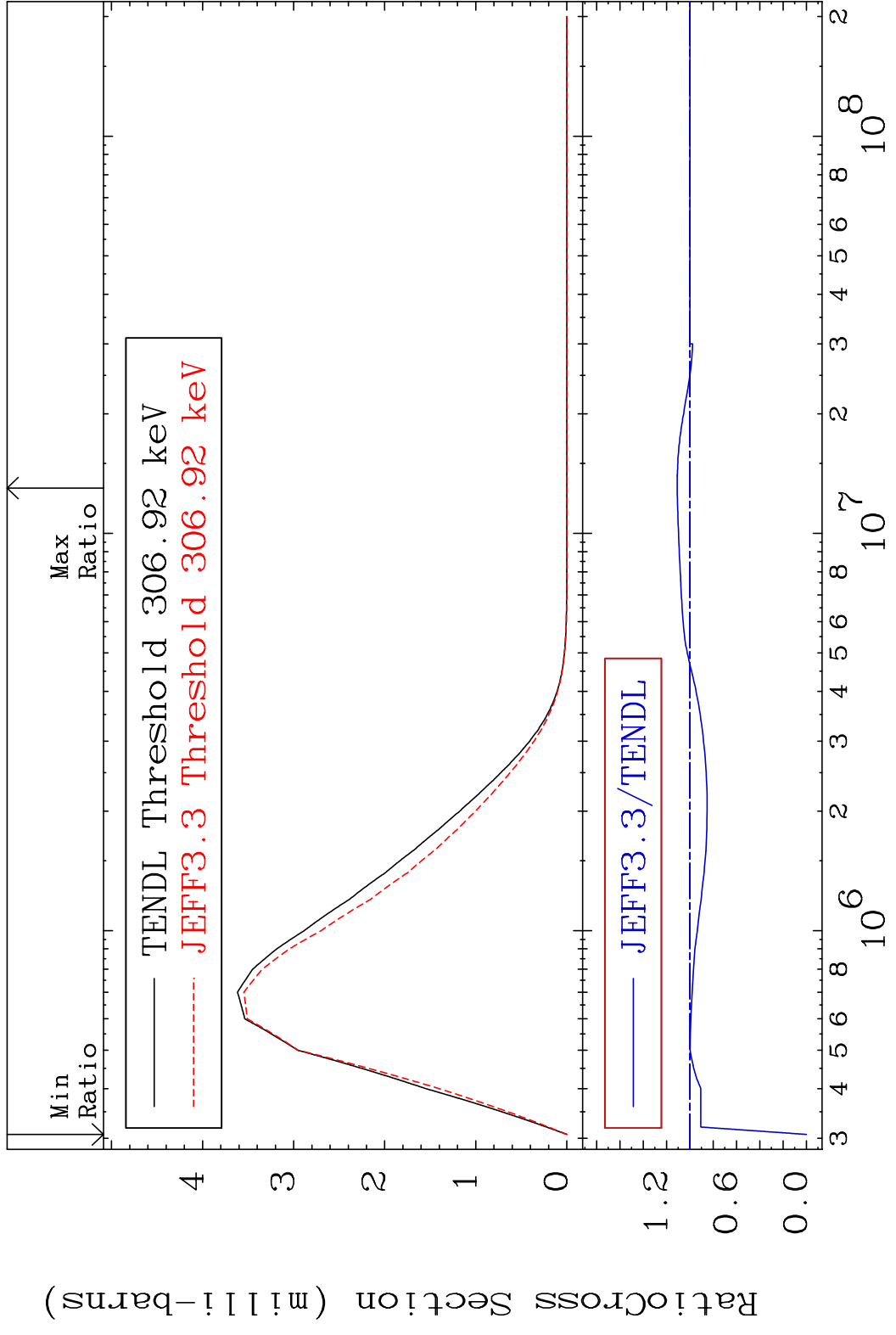
Incident Energy (eV)

65-Tb-160

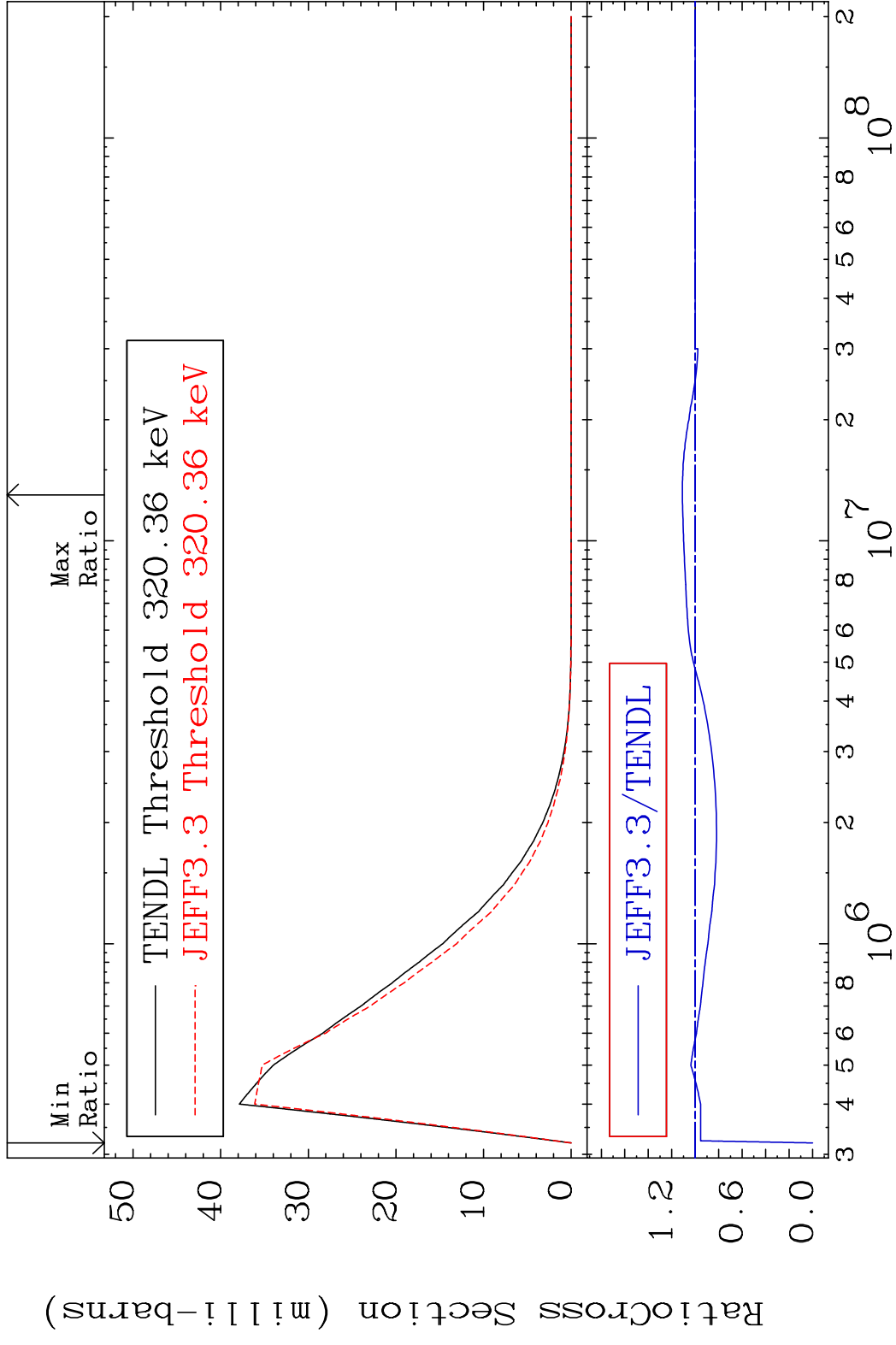
MAT 6528 MT= 72 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.93 %



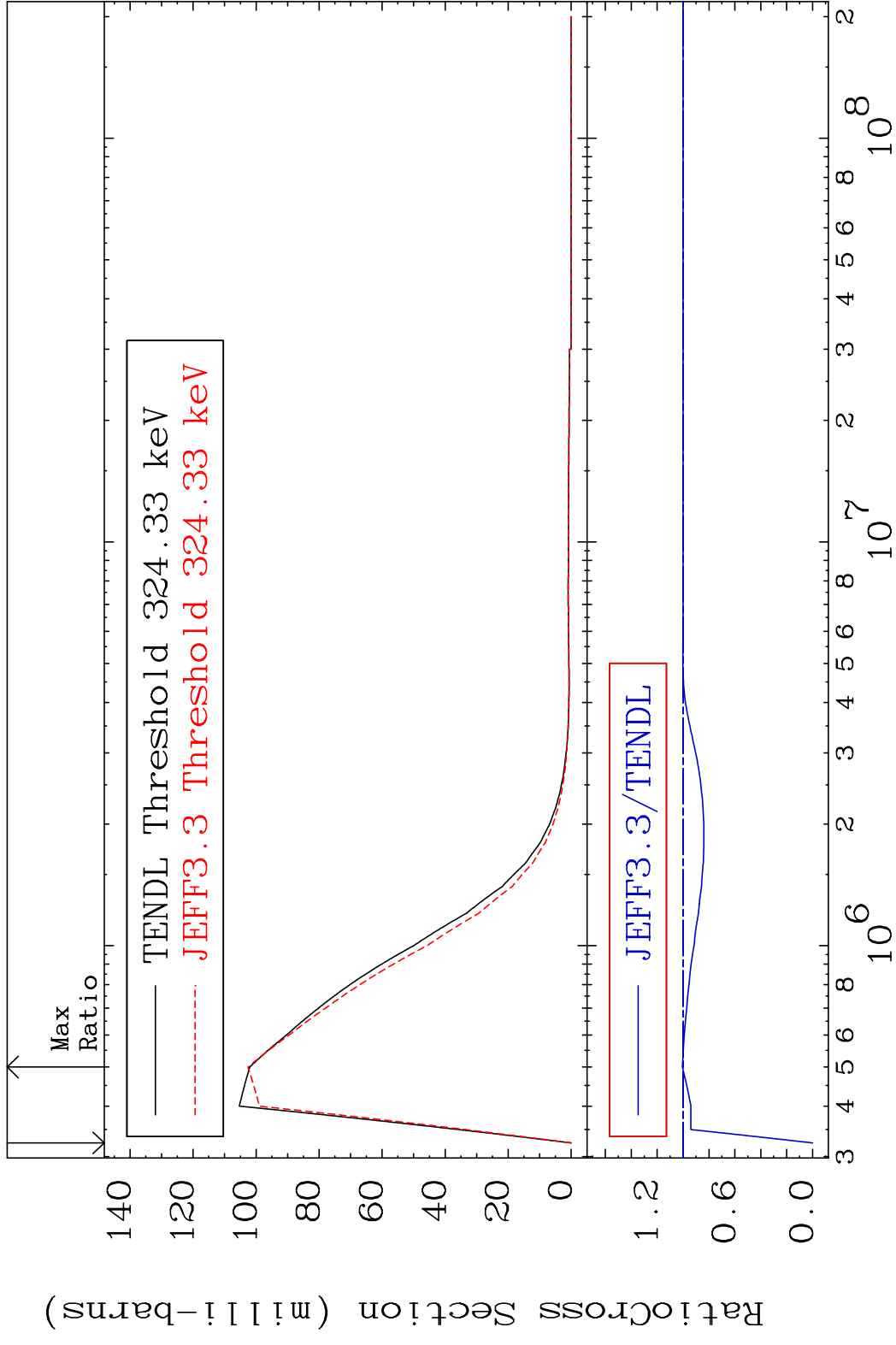
MAT 6528 MT= 73 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.87 %



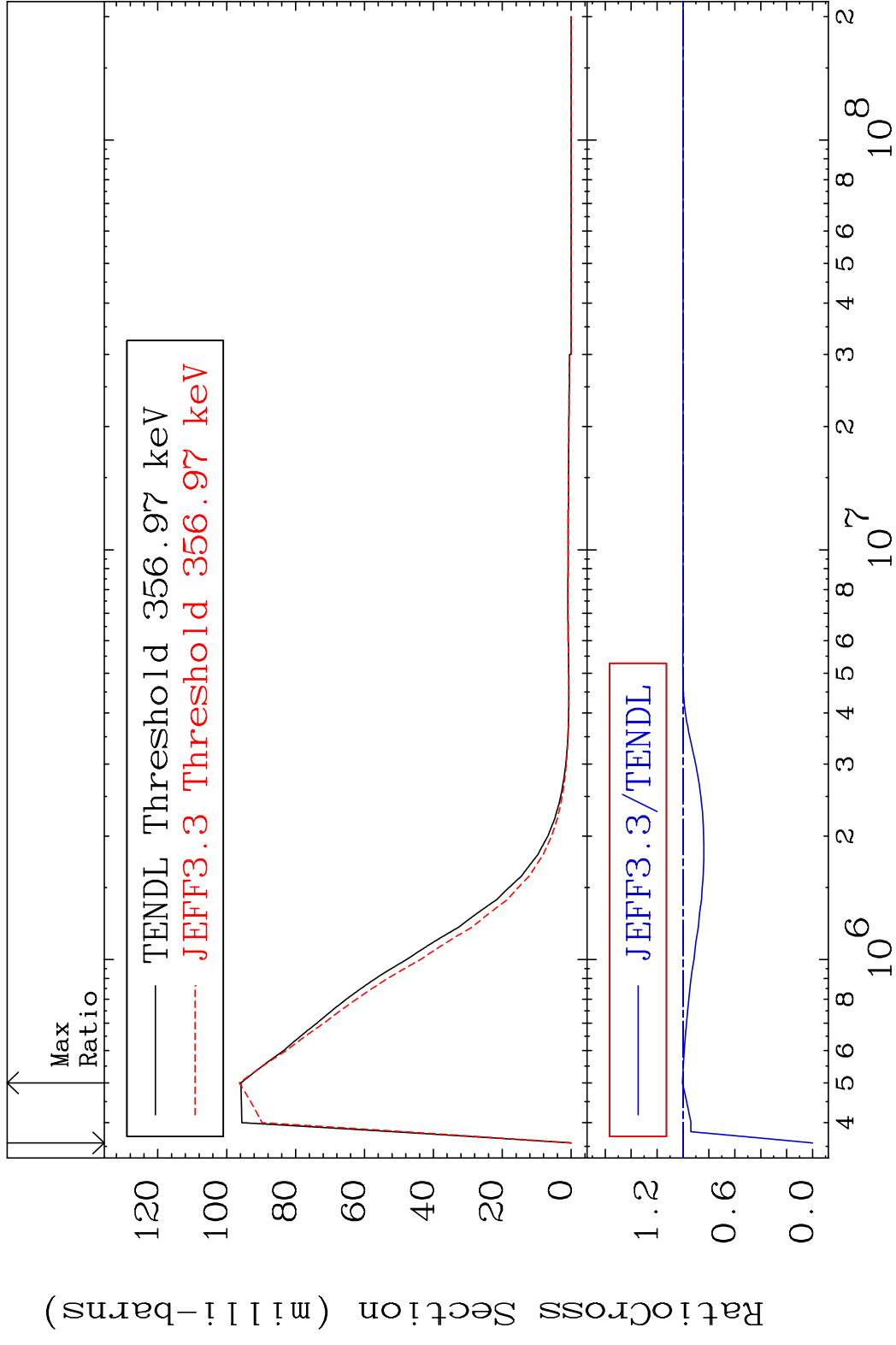
MAT 6528 MT= 74 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 10.95 %



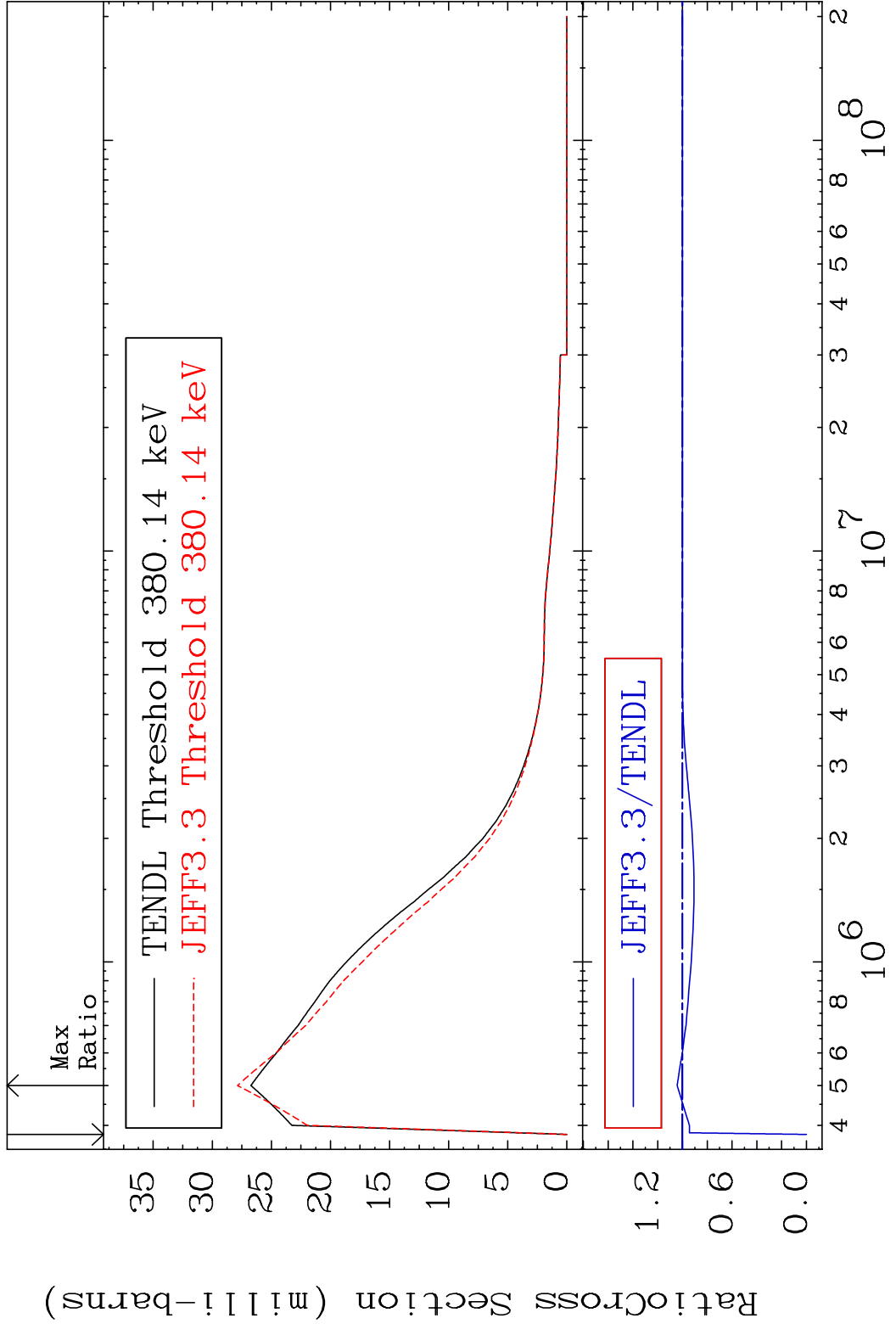
MAT 6528 MT= 75 (n,n') Level 65-Tb-160  
 Cross Section -100.0 To 0.554 %



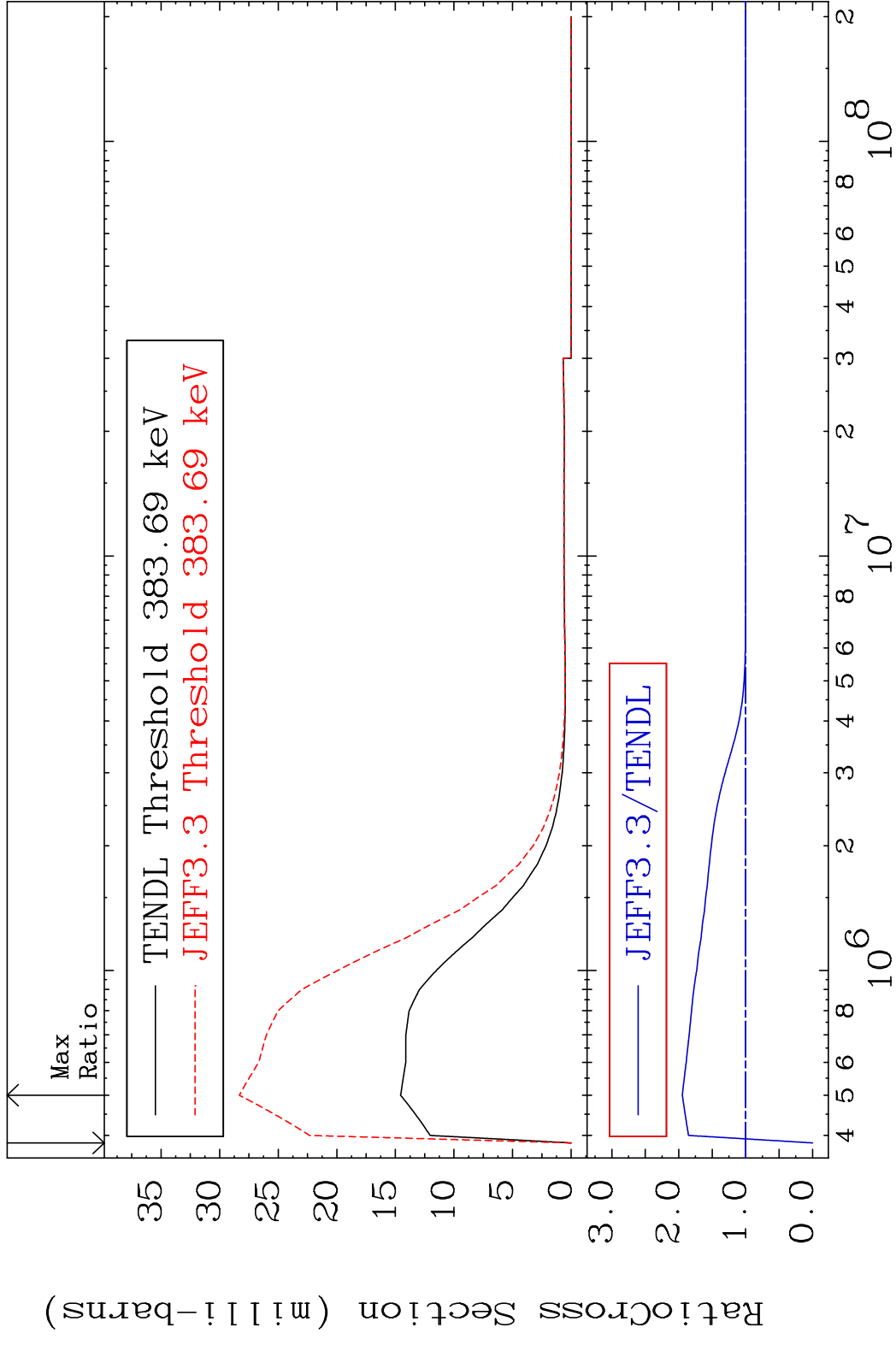
MAT 6528 MT= 76 (n,n') Level 65-Tb-160  
 Cross Section -100.0 To 0.498 %



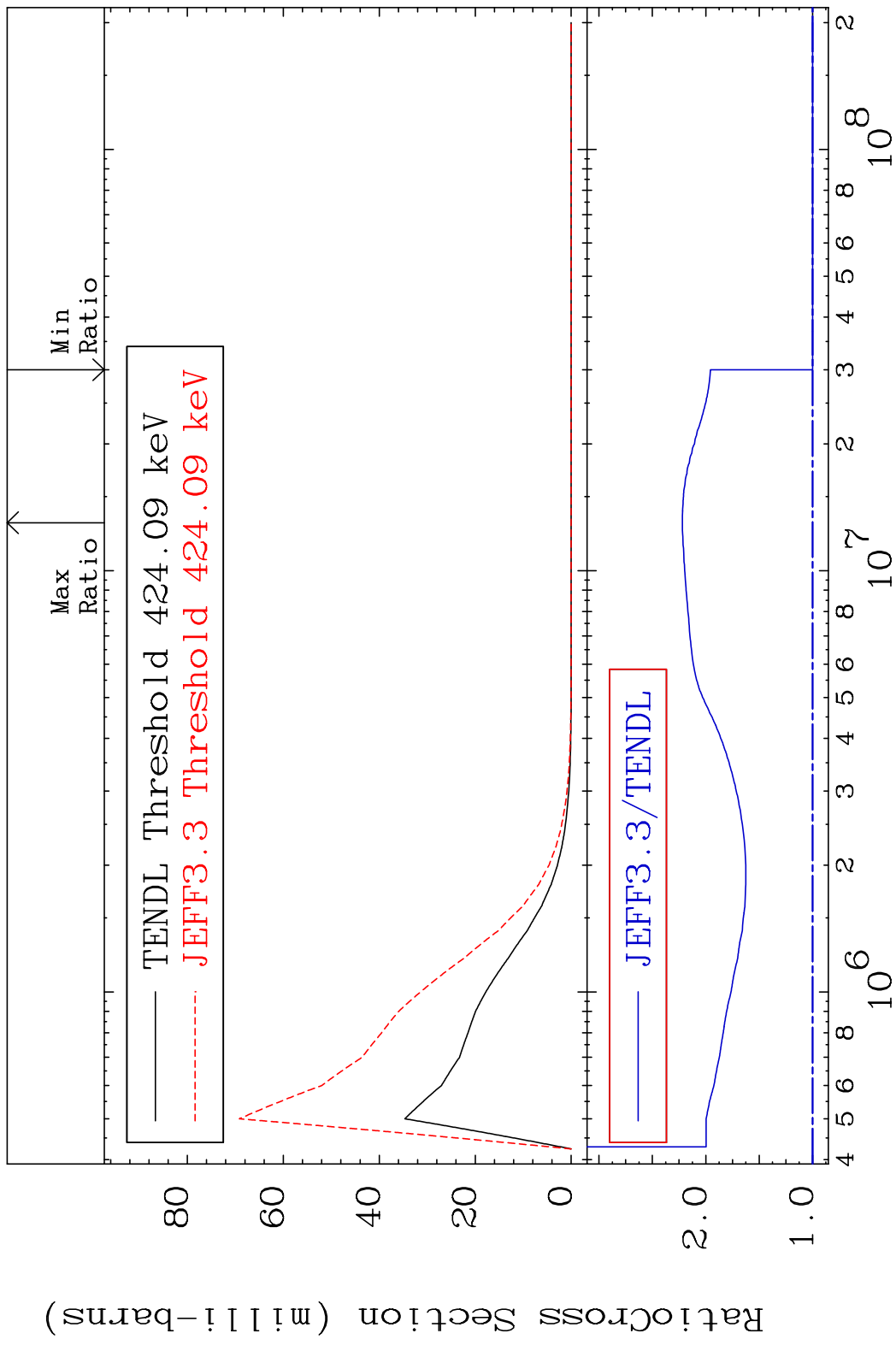
MAT 6528 MT= 77 (n,n') Level 65-Tb-160  
 Cross Section -100.0 To 4.247 %



MAT 6528 MT= 78 (n, n') Level 65-Tb-160  
 Cross Section -100.0 To 94.61 %



MAT 6528 MT= 79 (n, n') Level 65-Tb-160  
 Cross Section 0.000 To 121.9 %



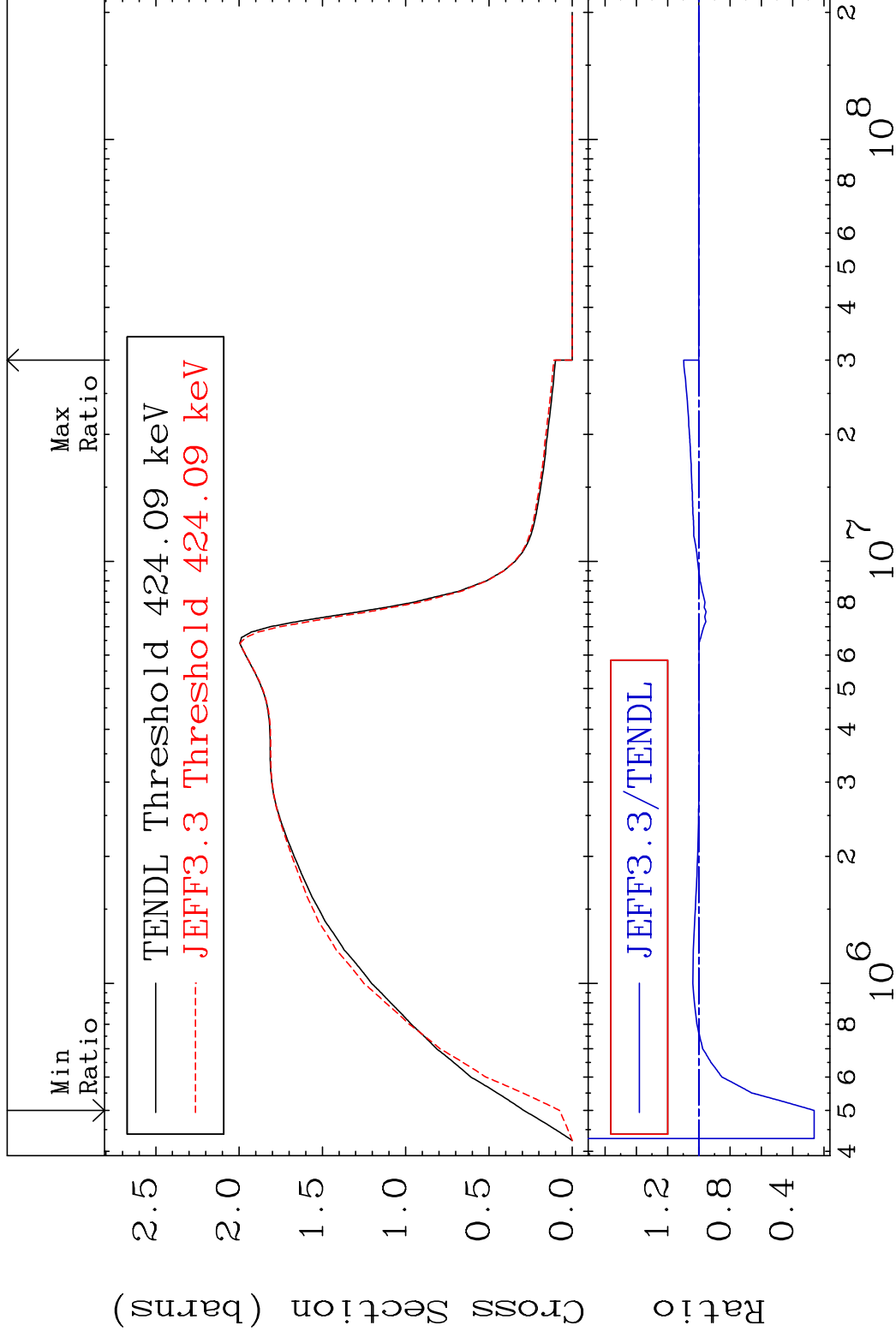
MAT 6528

(n,n') Continuum

65-Tb-160

Cross Section

-73.75 To 9.717 %



49

Incident Energy (eV)

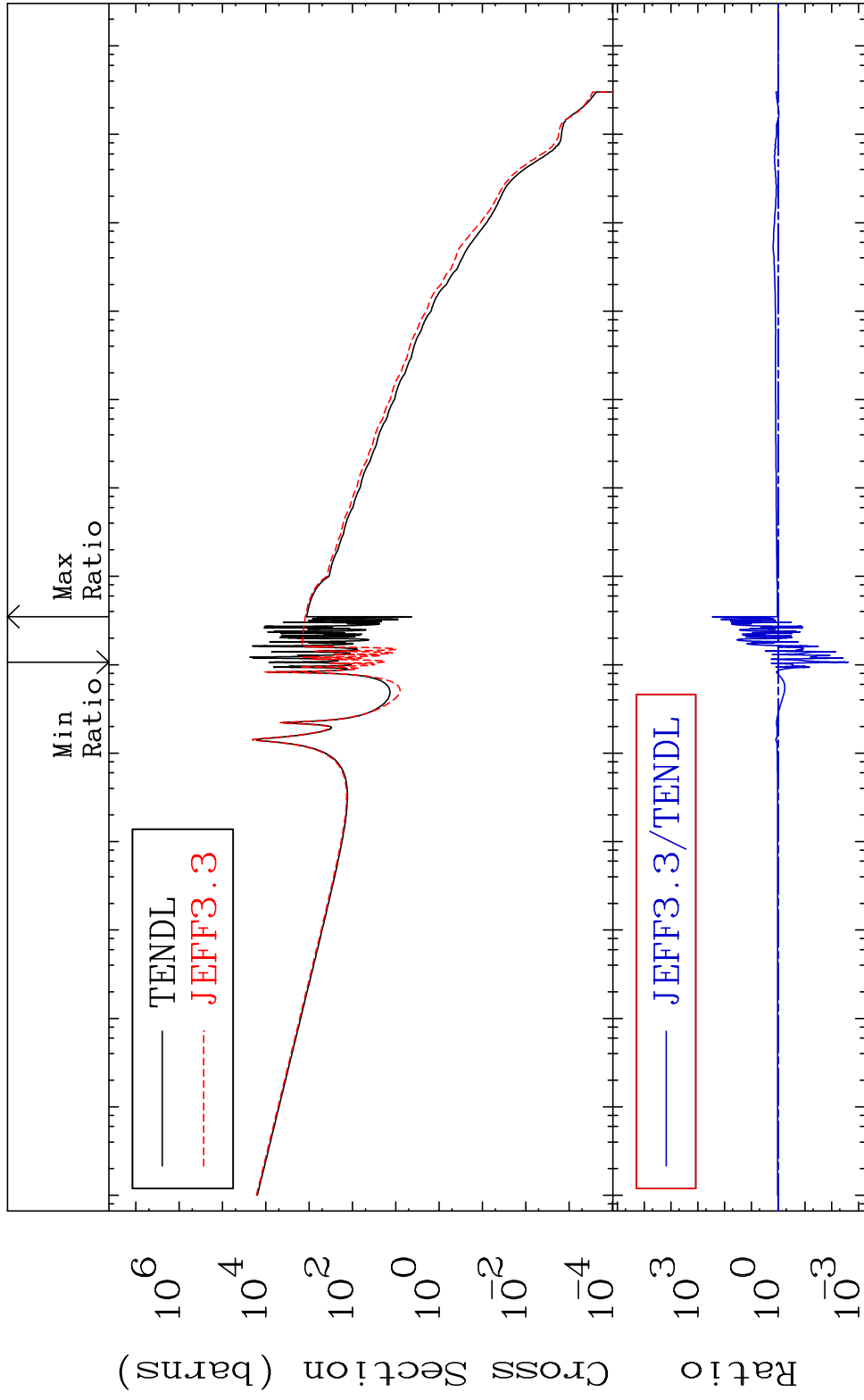
65-Tb-160

MAT 6528

(n,  $\gamma$ )

65-Tb-160

Cross Section -99.76 To 9999. %



50

Incident Energy (eV)

65-Tb-160

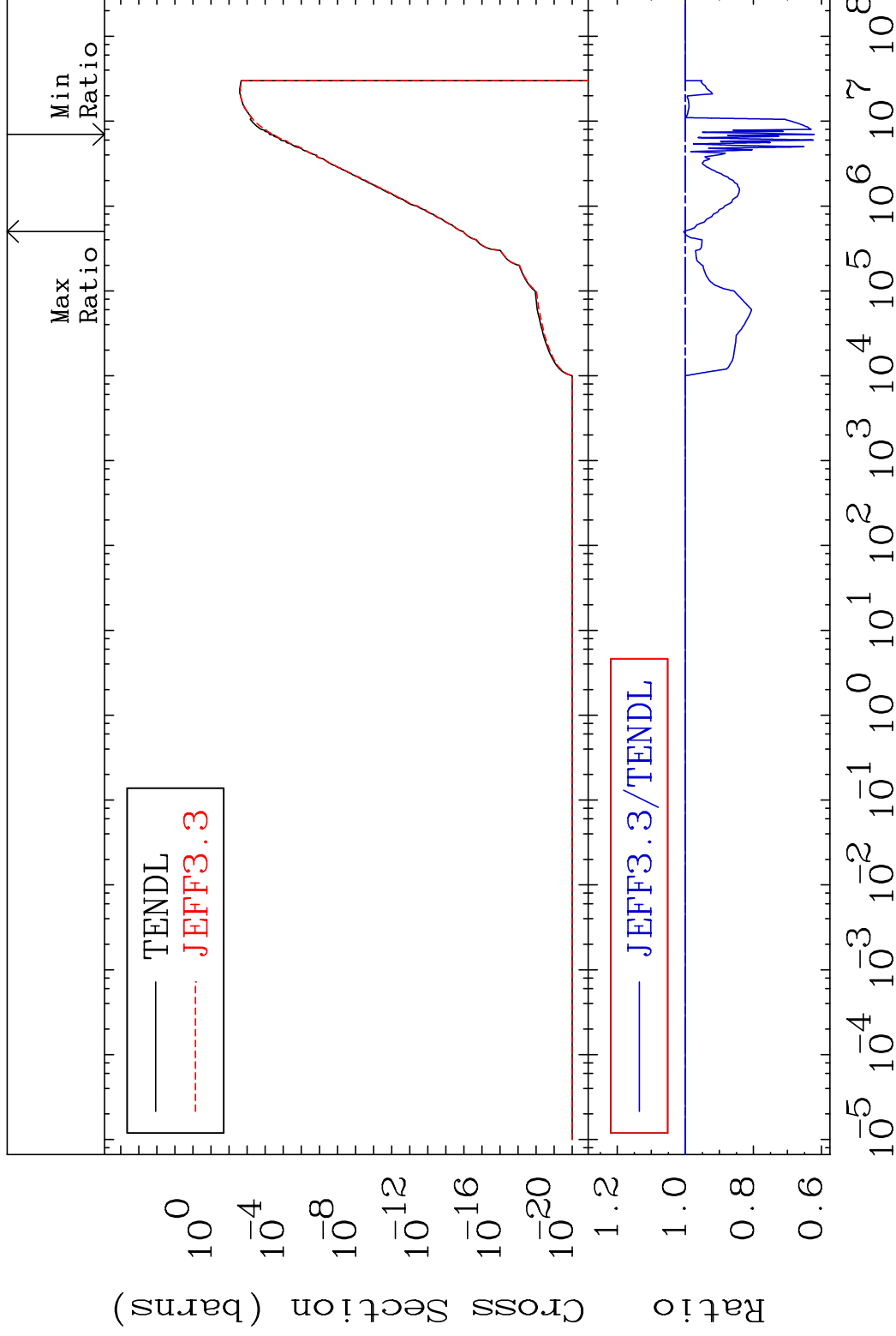
MAT 6528

(n, p)

65-Tb-160

Cross Section

-37.82 To 0.503 %

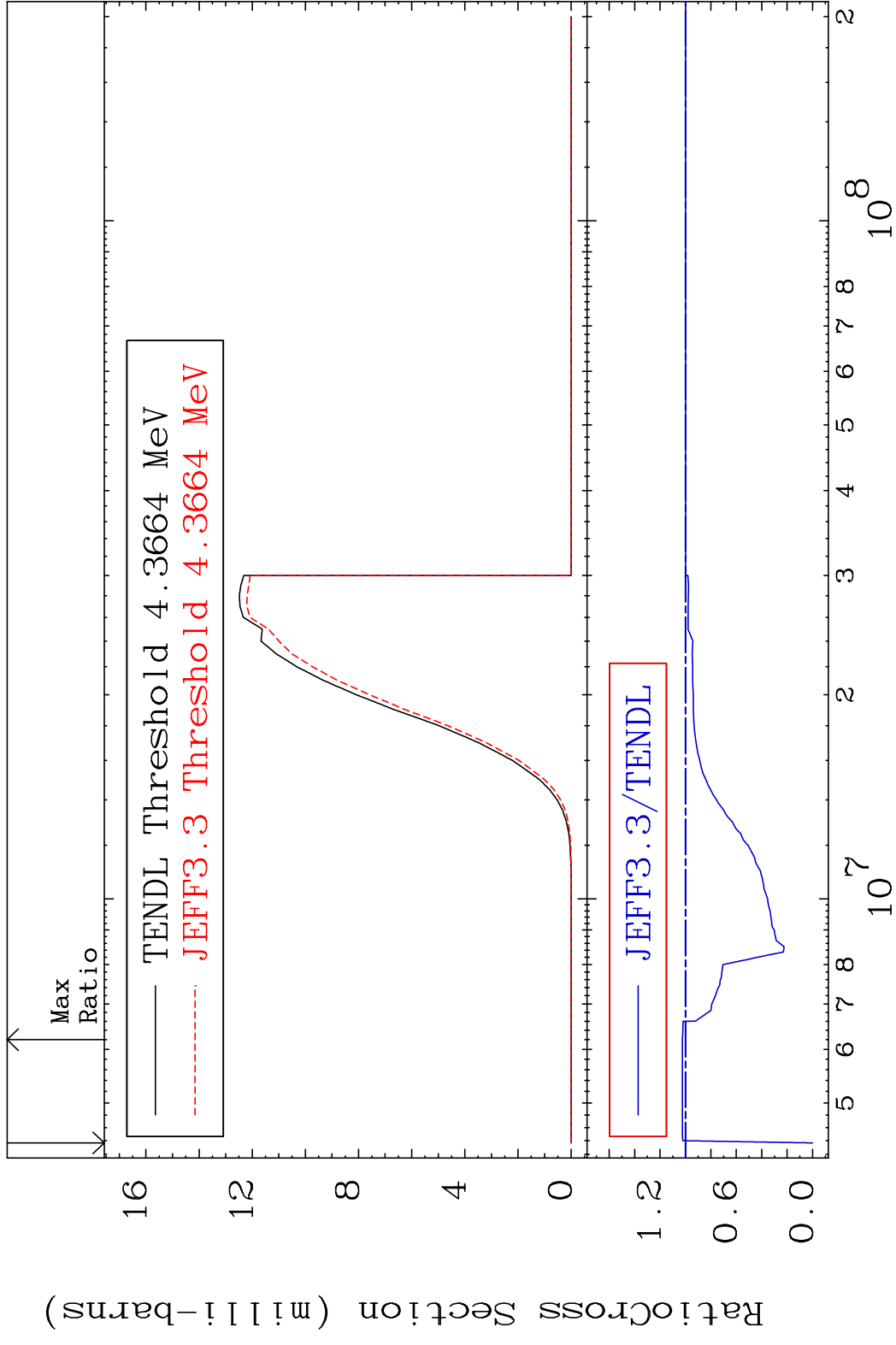


51

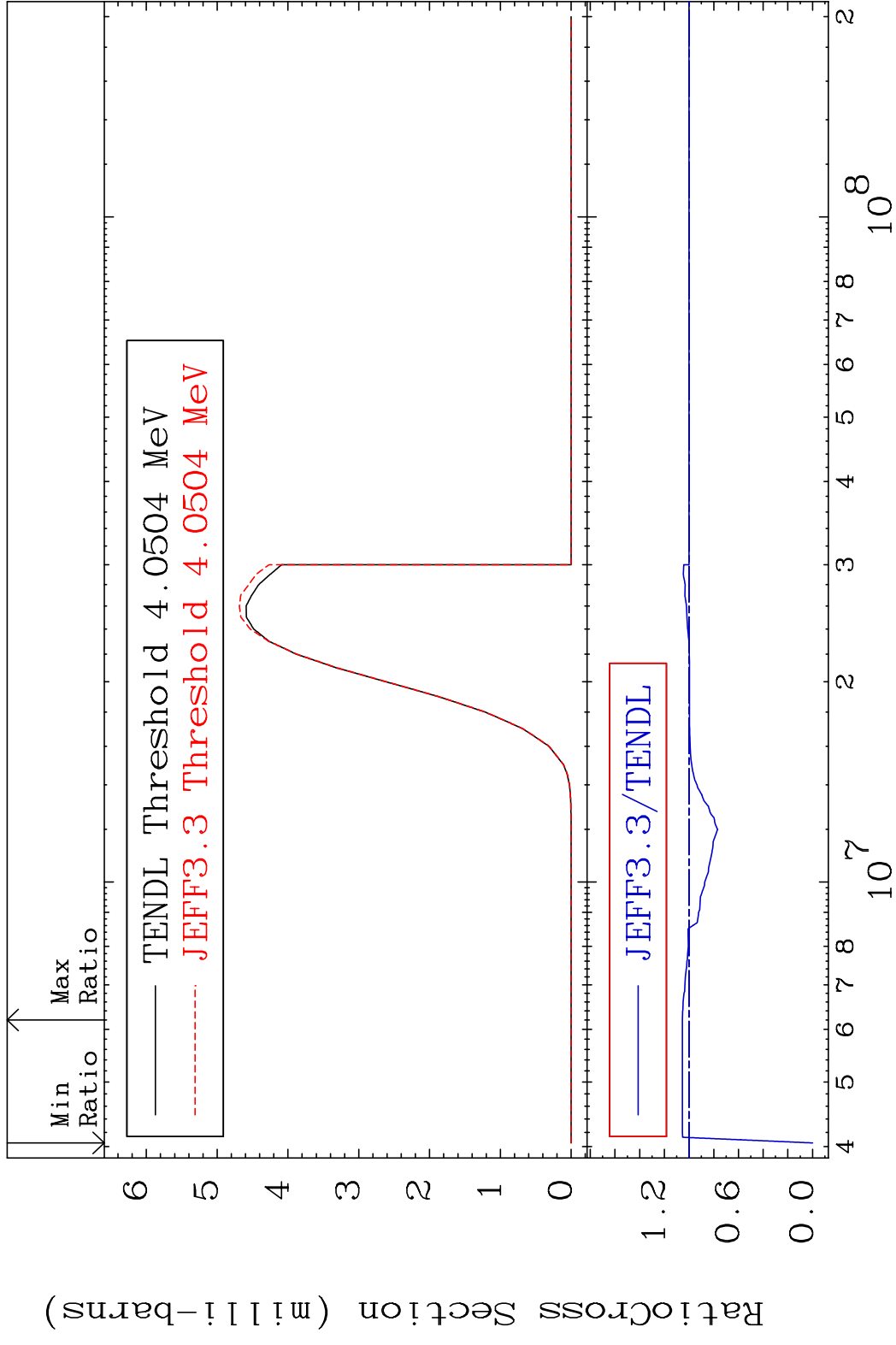
Incident Energy (eV)

65-Tb-160

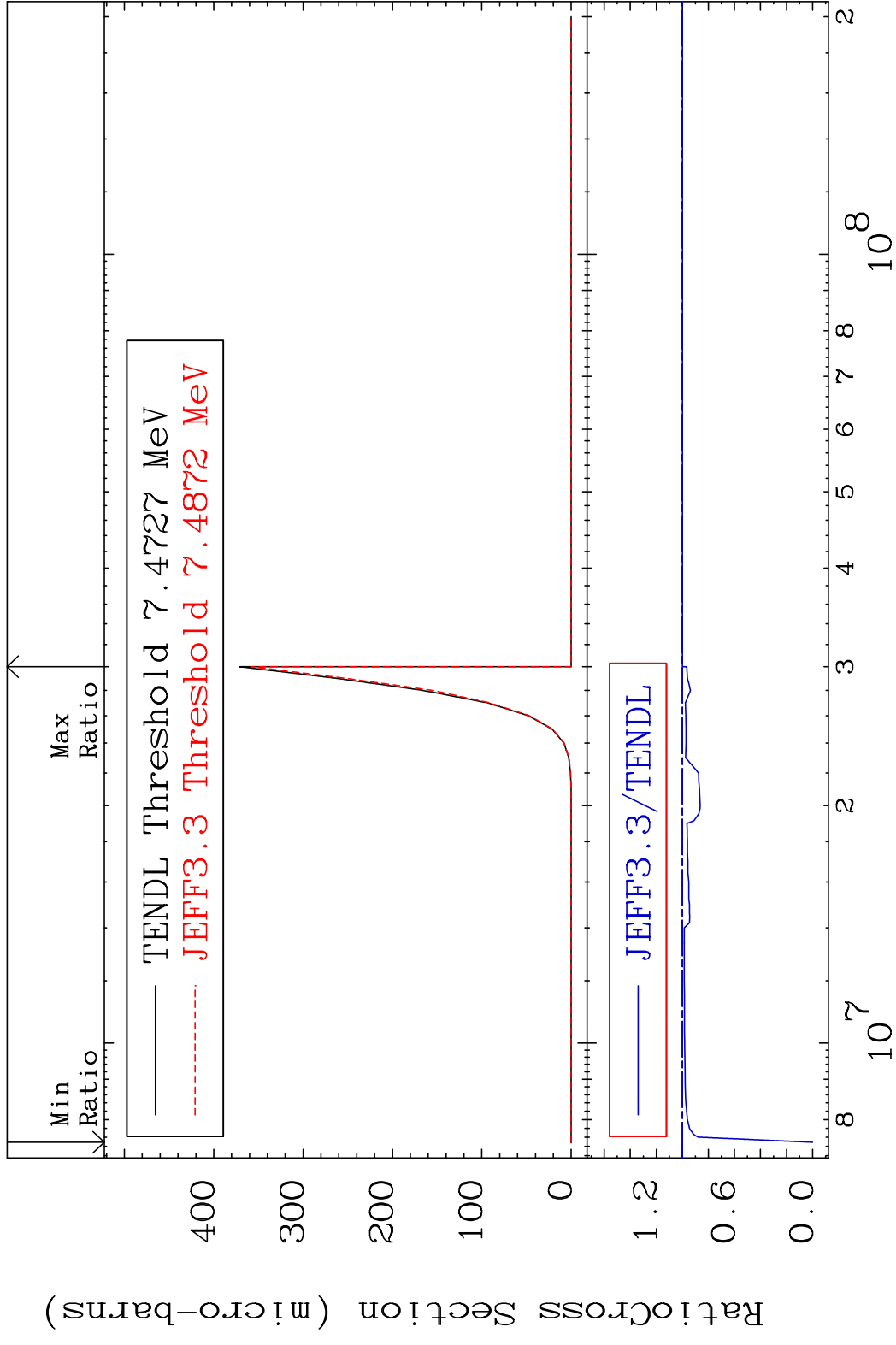
MAT 6528 (n,d) 65-Tb-160  
 Cross Section -100.0 To 2.452 %



MAT 6528 (n, t) 65-Tb-160  
 Cross Section -100.0 To 5.440 %

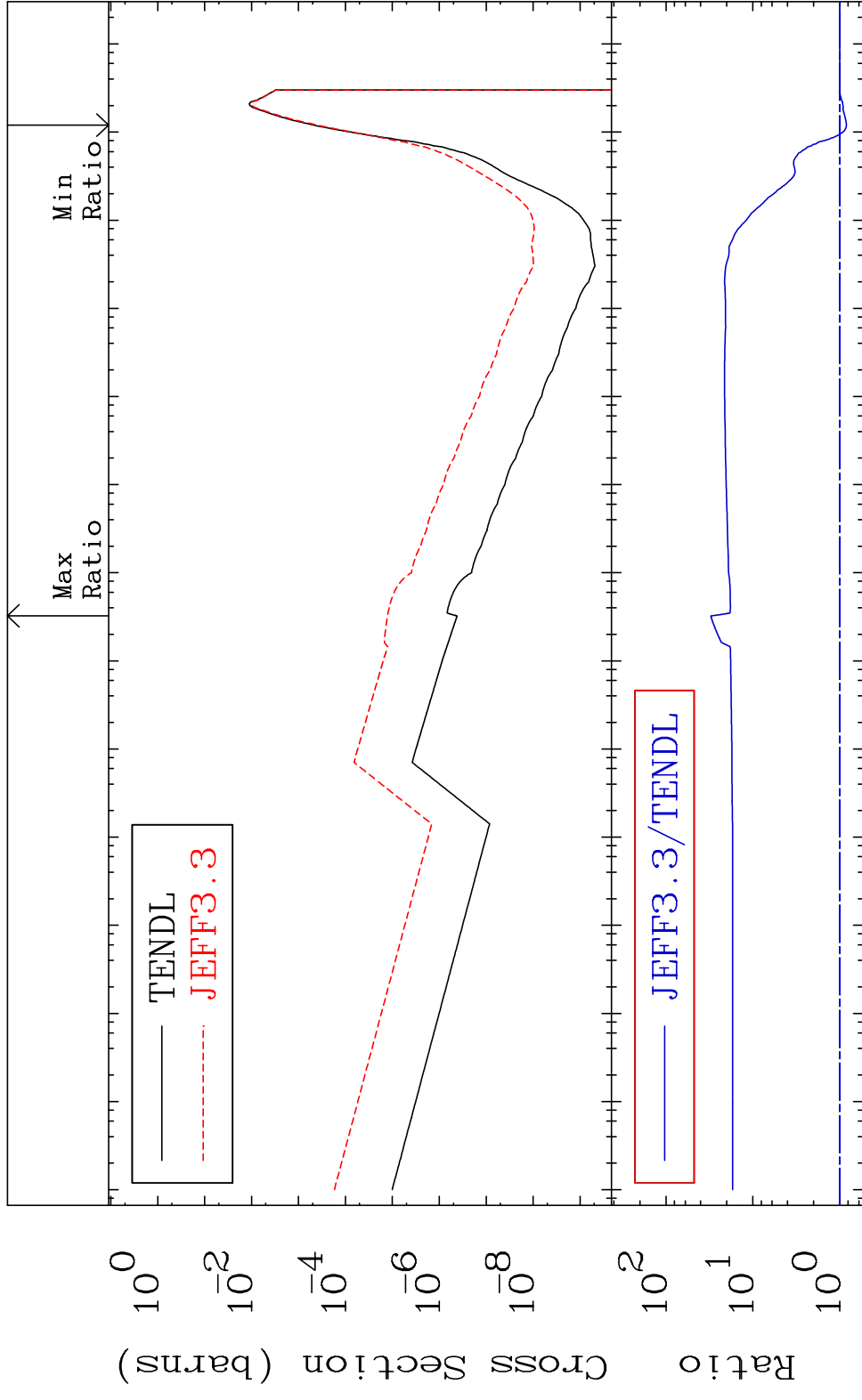


MAT 6528 (n, He-3) 65-Tb-160  
 Cross Section -100.0 To 0.000 %



MAT 6528

(n,  $\alpha$ )  
Cross Section -16.03 To 2958. %  
65-Tb-160

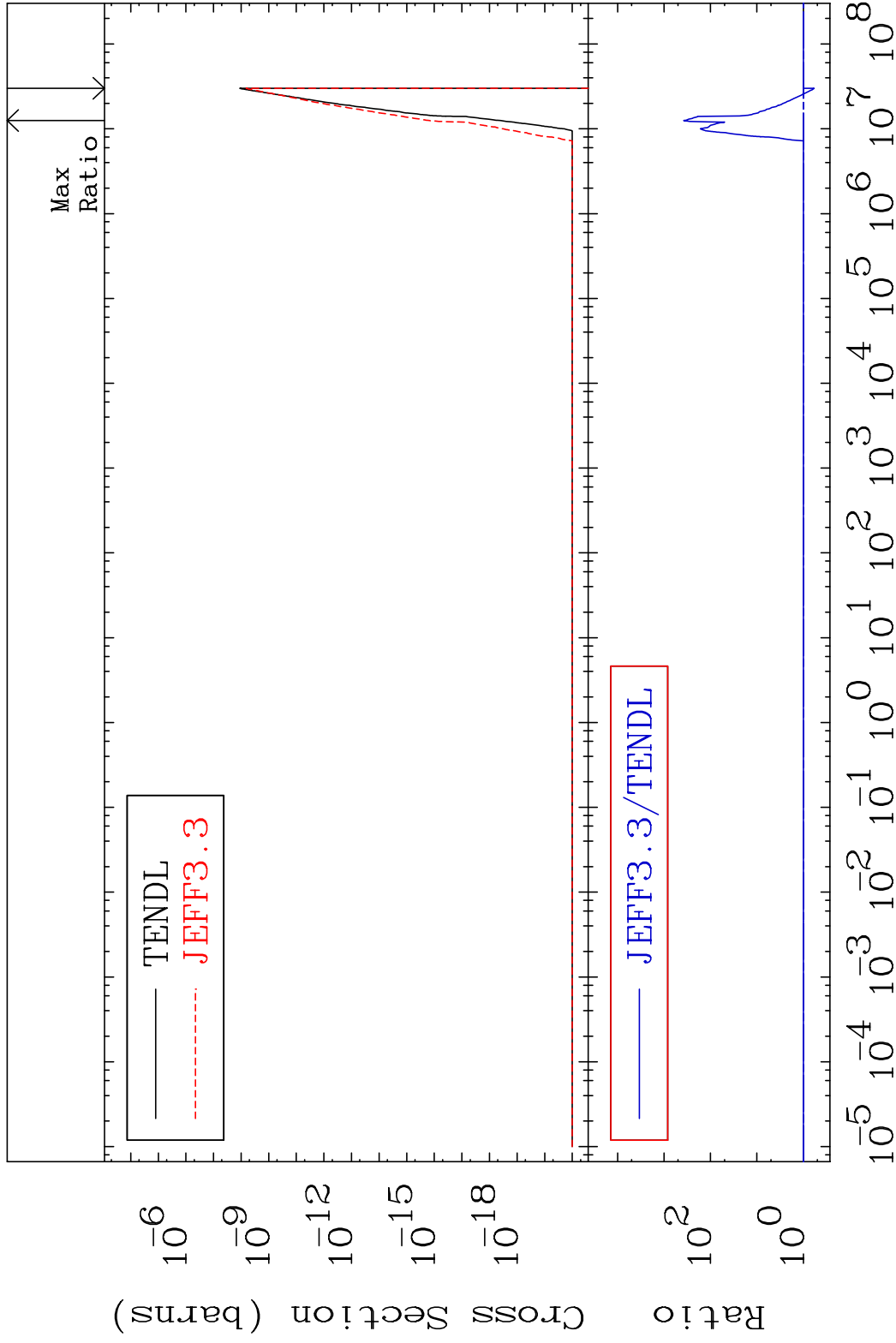


MAT 6528

(n, 2α)

65-Tb-160

Cross Section -41.45 To 9999. %



56

Incident Energy (eV)

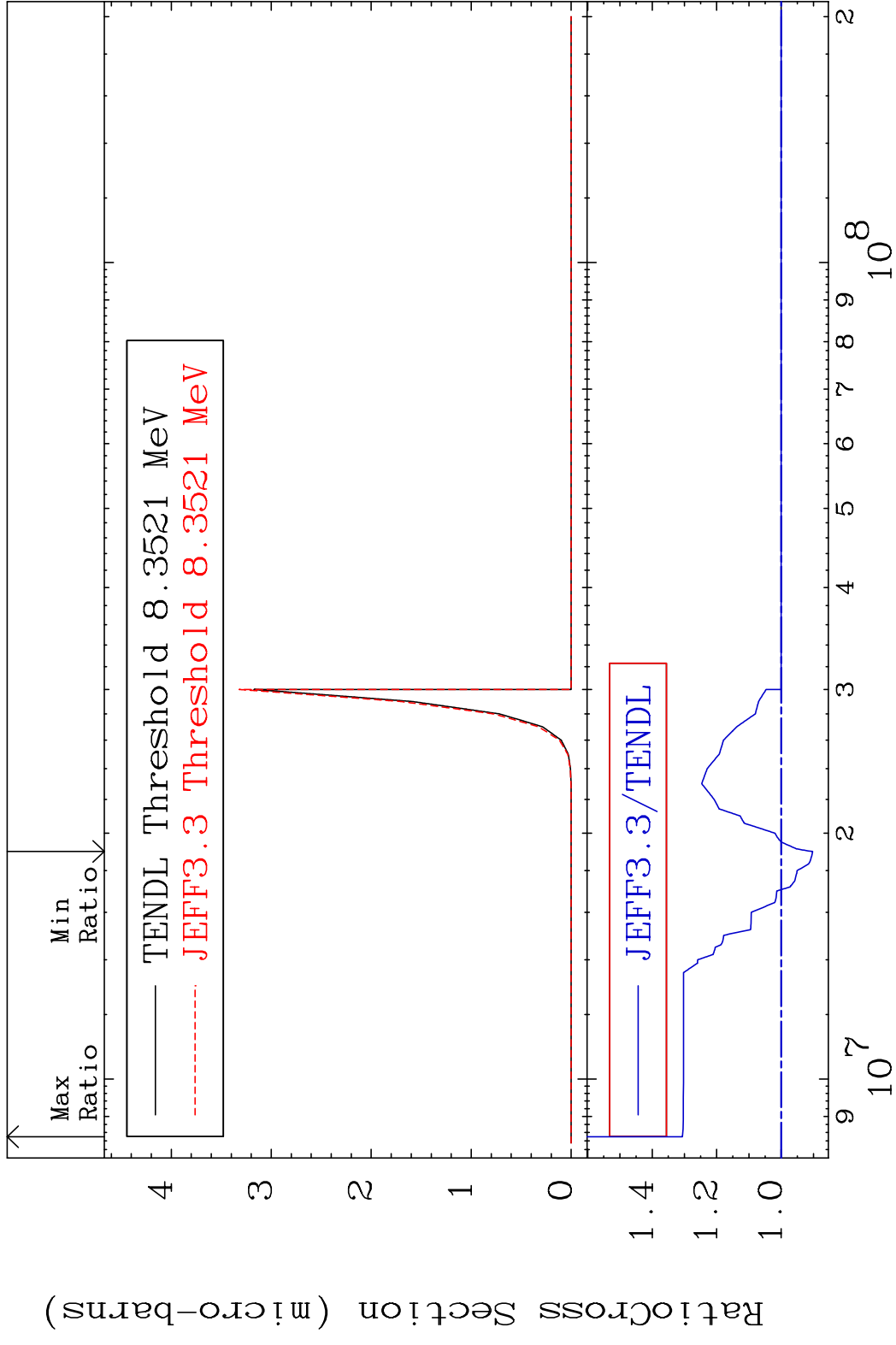
65-Tb-160

MAT 6528

(n,2p)

65-Tb-160

Cross Section -9.719 To 30.64 %

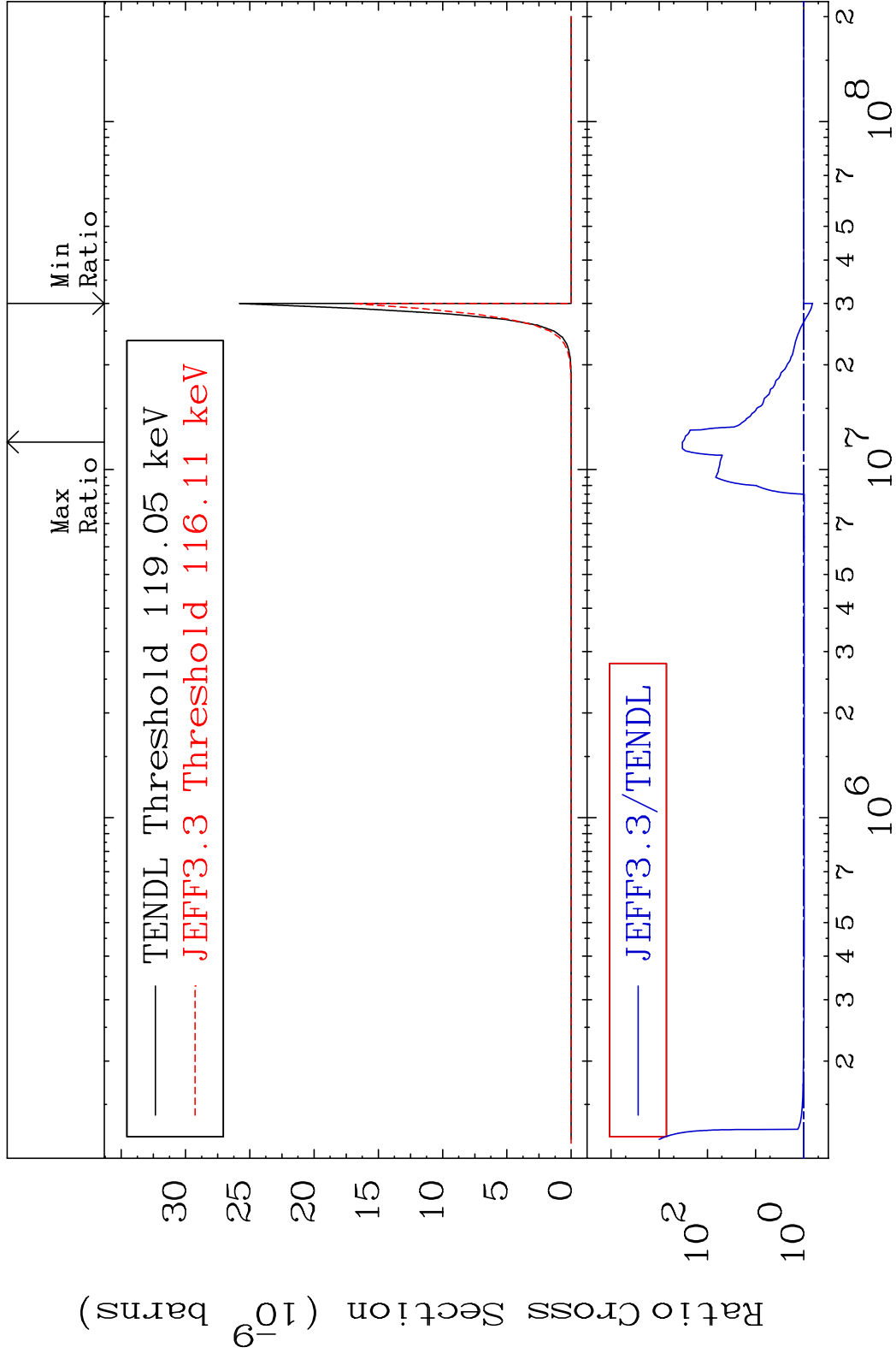


MAT 6528

(n,p)  $\alpha$

65-Tb-160

Cross Section -34.35 To 9999. %



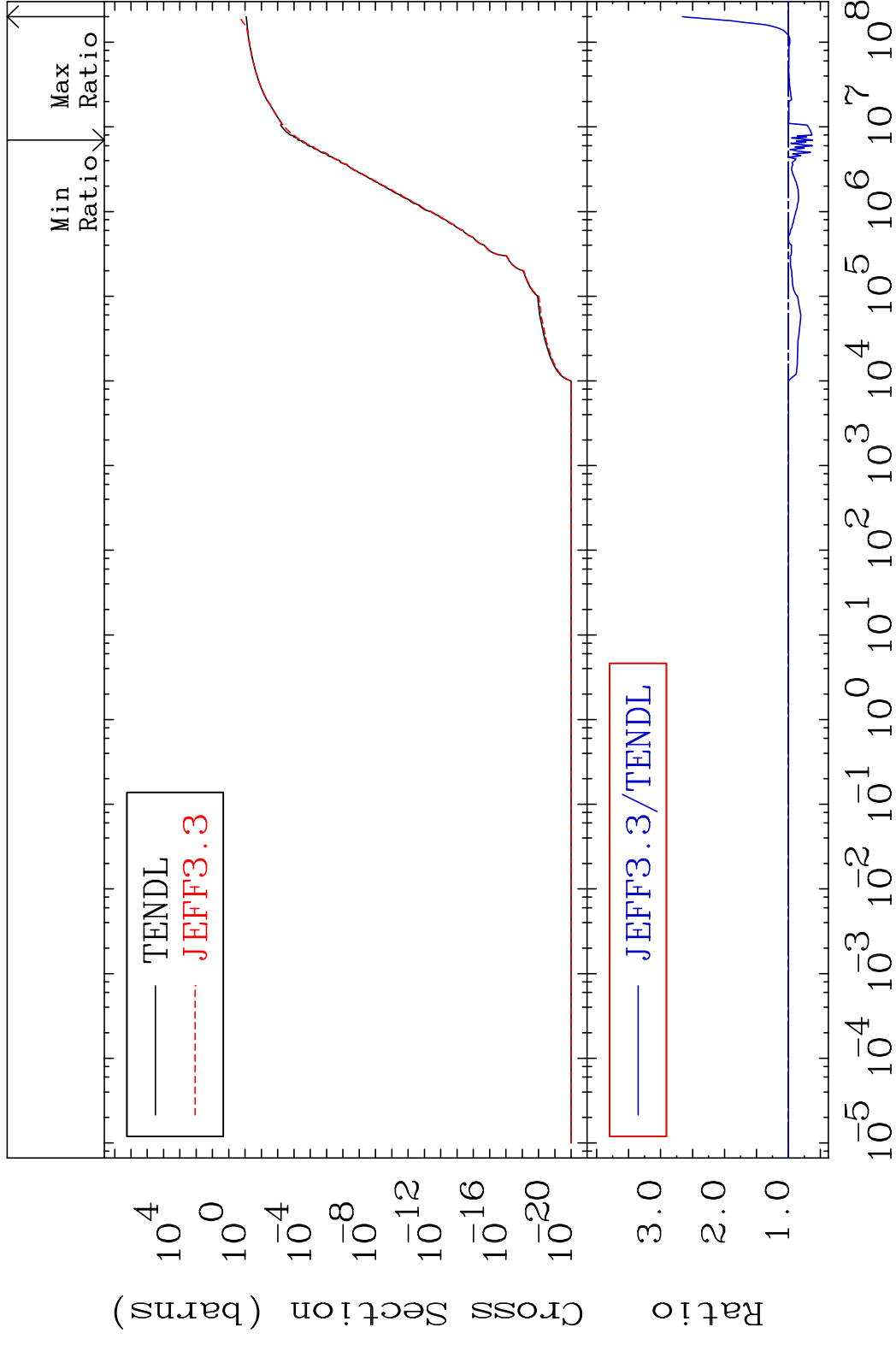


MAT 6528

Hydrogen Production

65-Tb-160

Cross Section -37.82 To 166.0 %

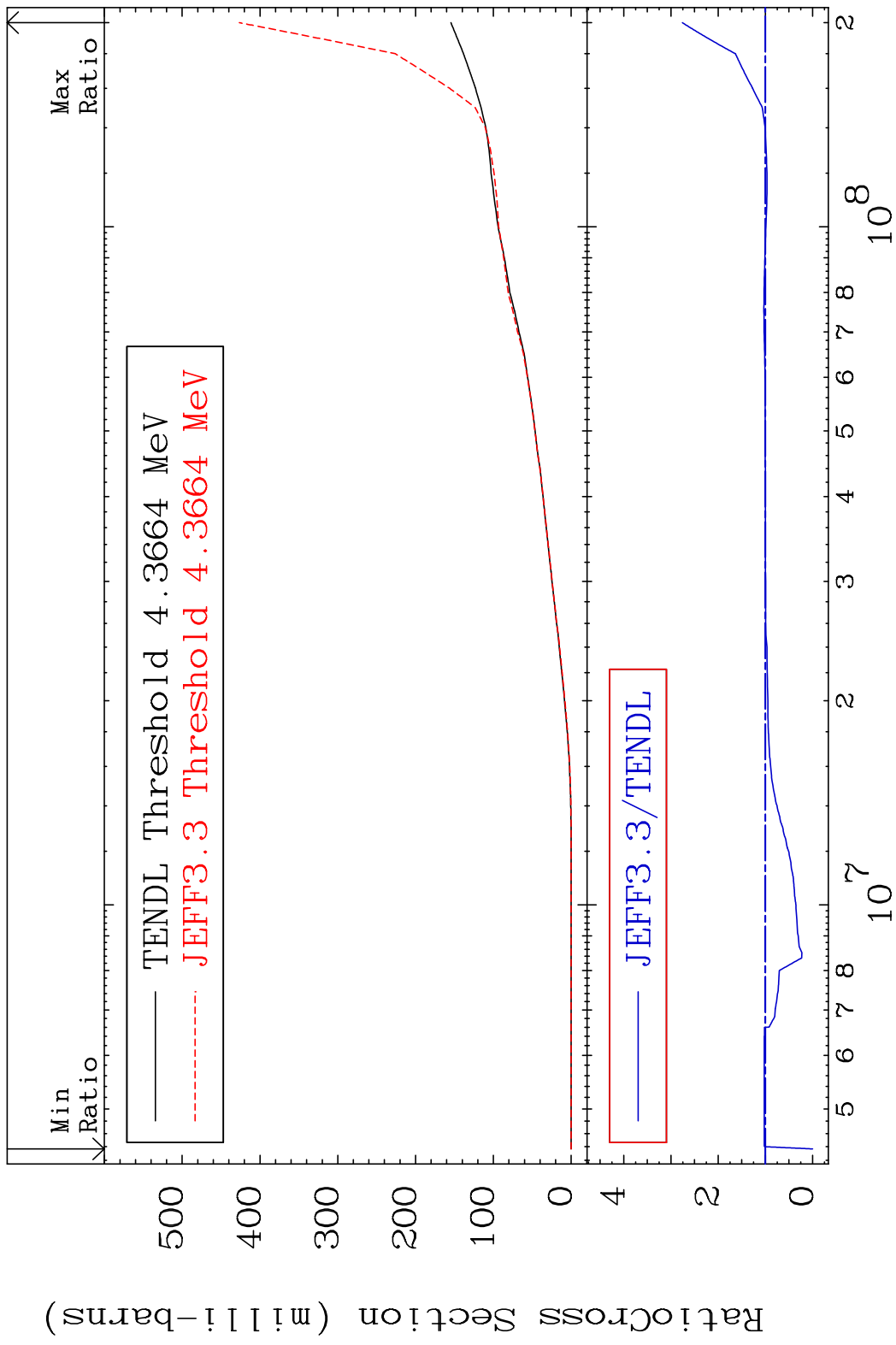


60

Incident Energy (eV)

65-Tb-160

MAT 6528 Deuterium Production 65-Tb-160  
 Cross Section -100.0 To 175.8 %



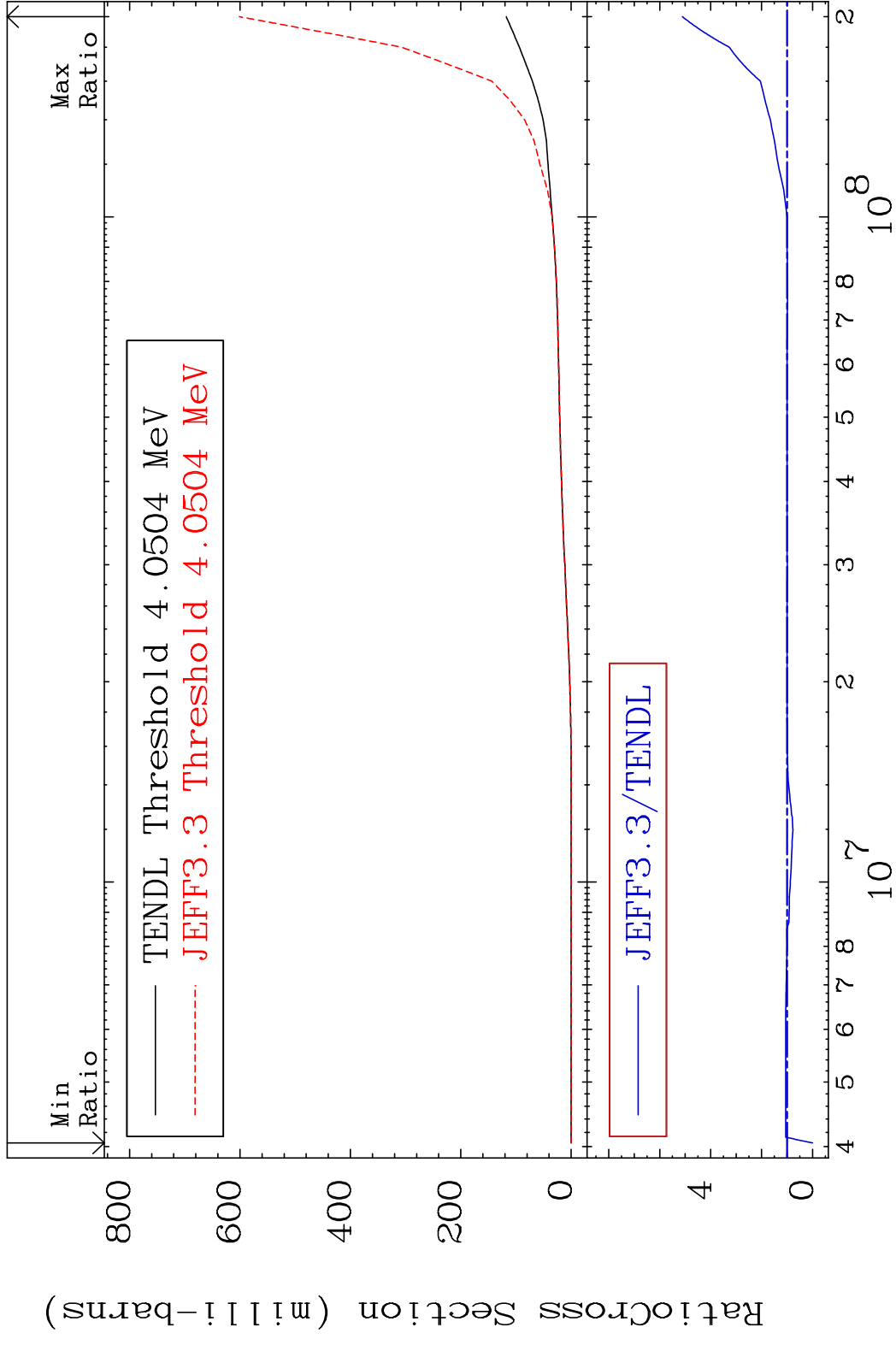
61 Incident Energy (eV) 65-Tb-160

MAT 6528

Tritium Production

65-Tb-160

Cross Section -100.0 To 411.2 %

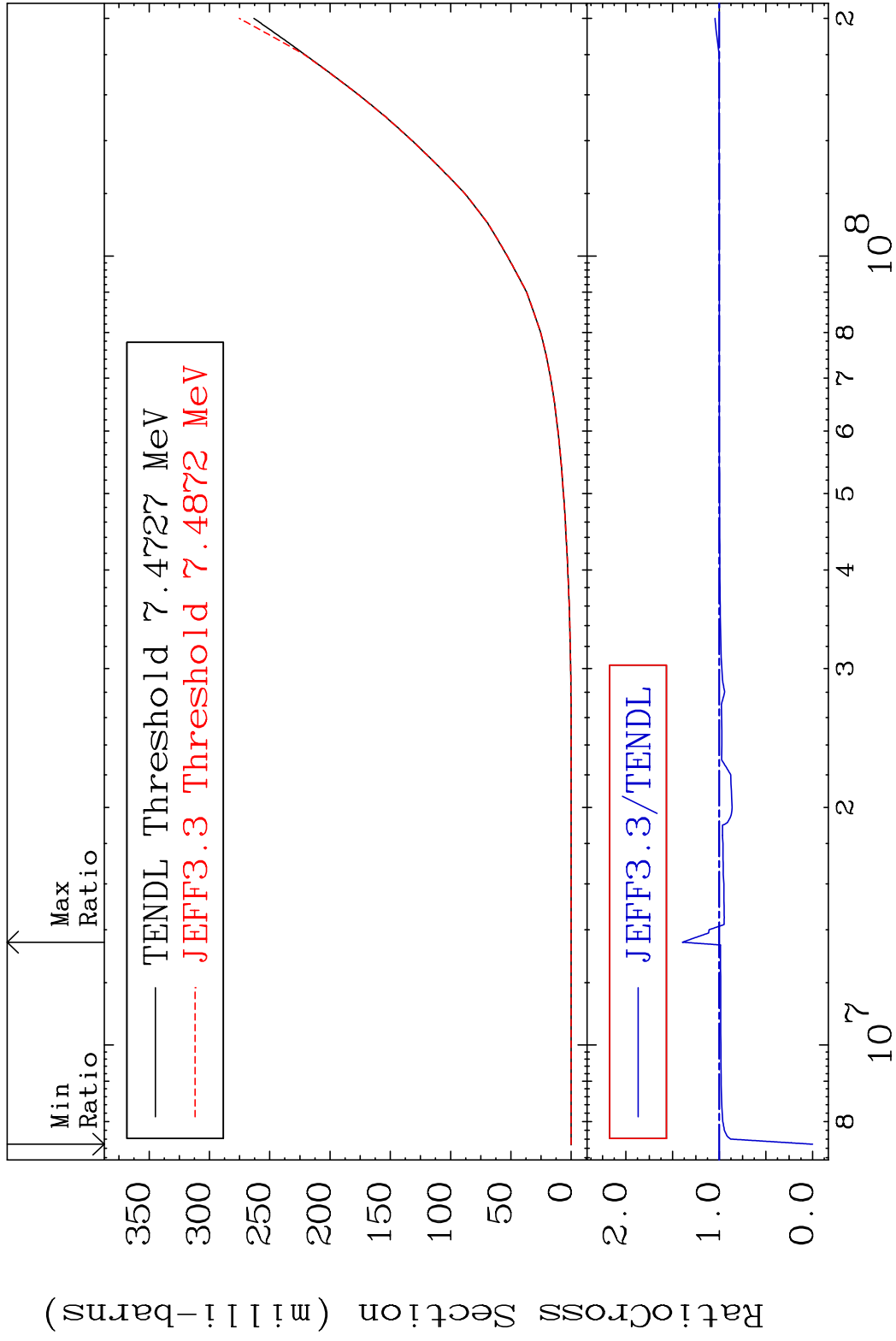


MAT 6528

He-3 Production

65-Tb-160

Cross Section -100.0 To 39.50 %

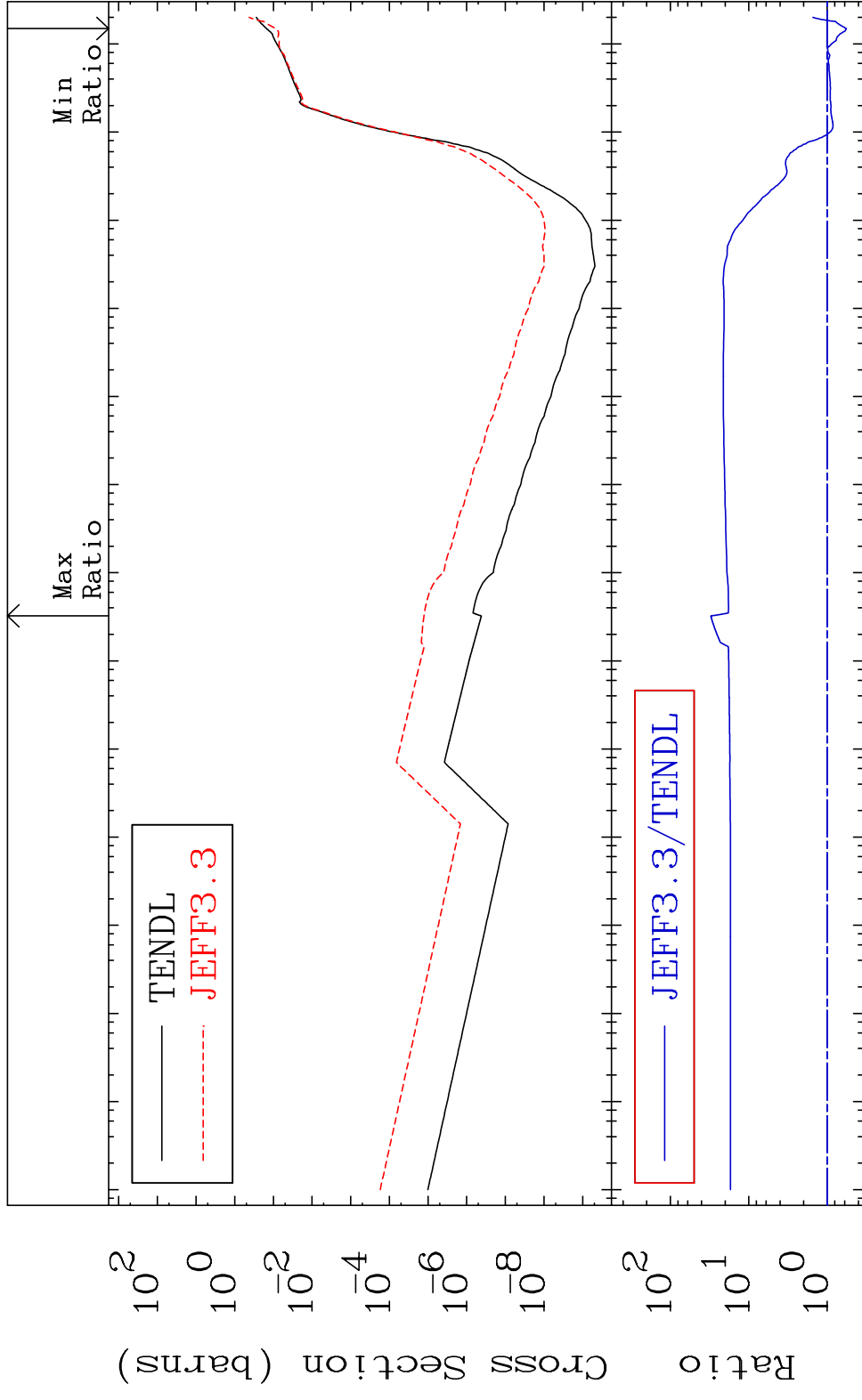


63

Incident Energy (eV)

65-Tb-160

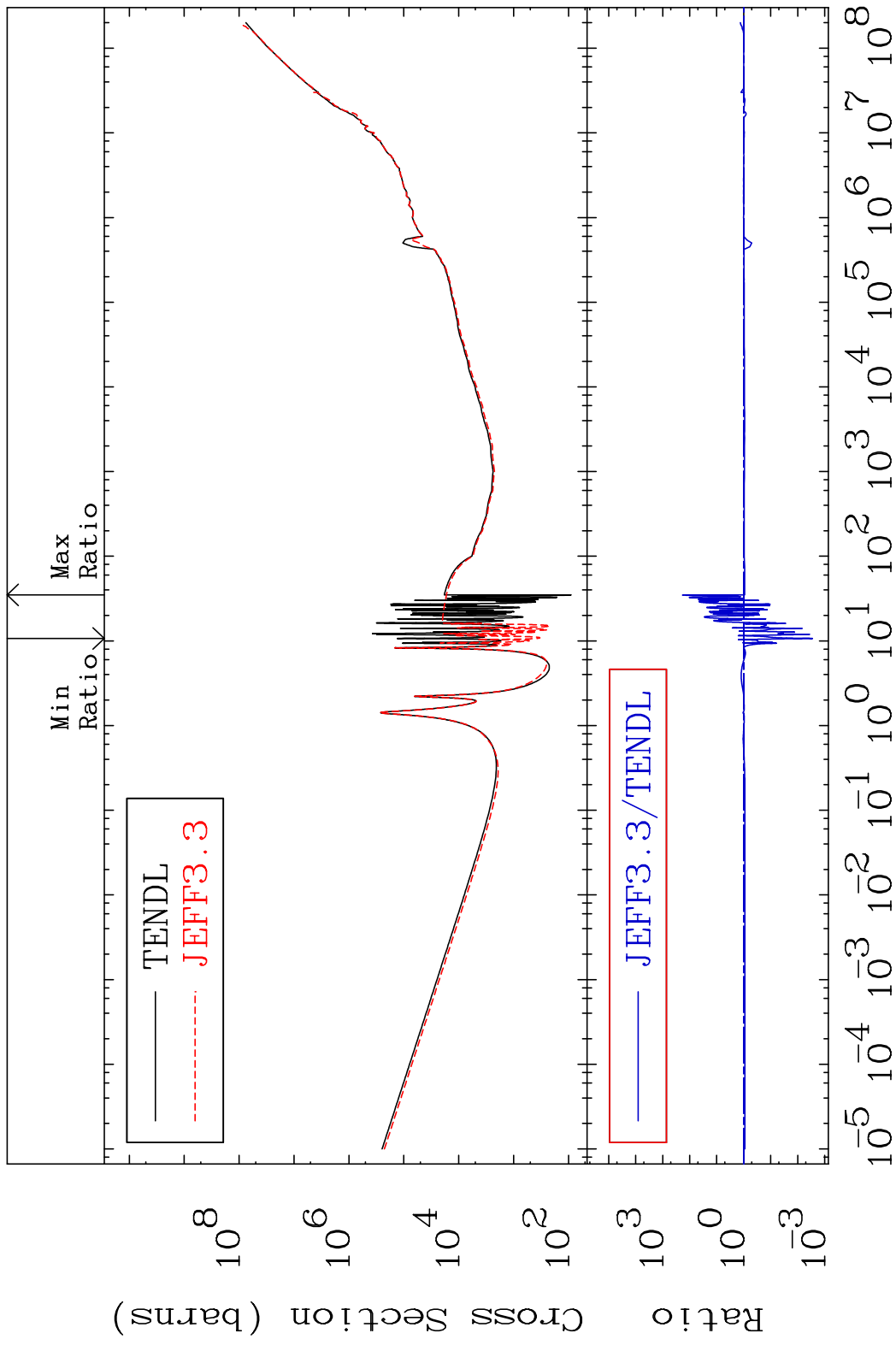
MAT 6528 He-4 Production 65-Tb-160  
 Cross Section -42.89 To 2958. %



Ratio  
 10<sup>2</sup>  
 10<sup>0</sup>  
 10<sup>-2</sup>  
 10<sup>-4</sup>  
 10<sup>-6</sup>  
 10<sup>-8</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> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

64 Incident Energy (eV) 65-Tb-160

MAT 6528 Kerma total (eV-barns) 65-Tb-160  
 Cross Section -99.72 To 9999. %

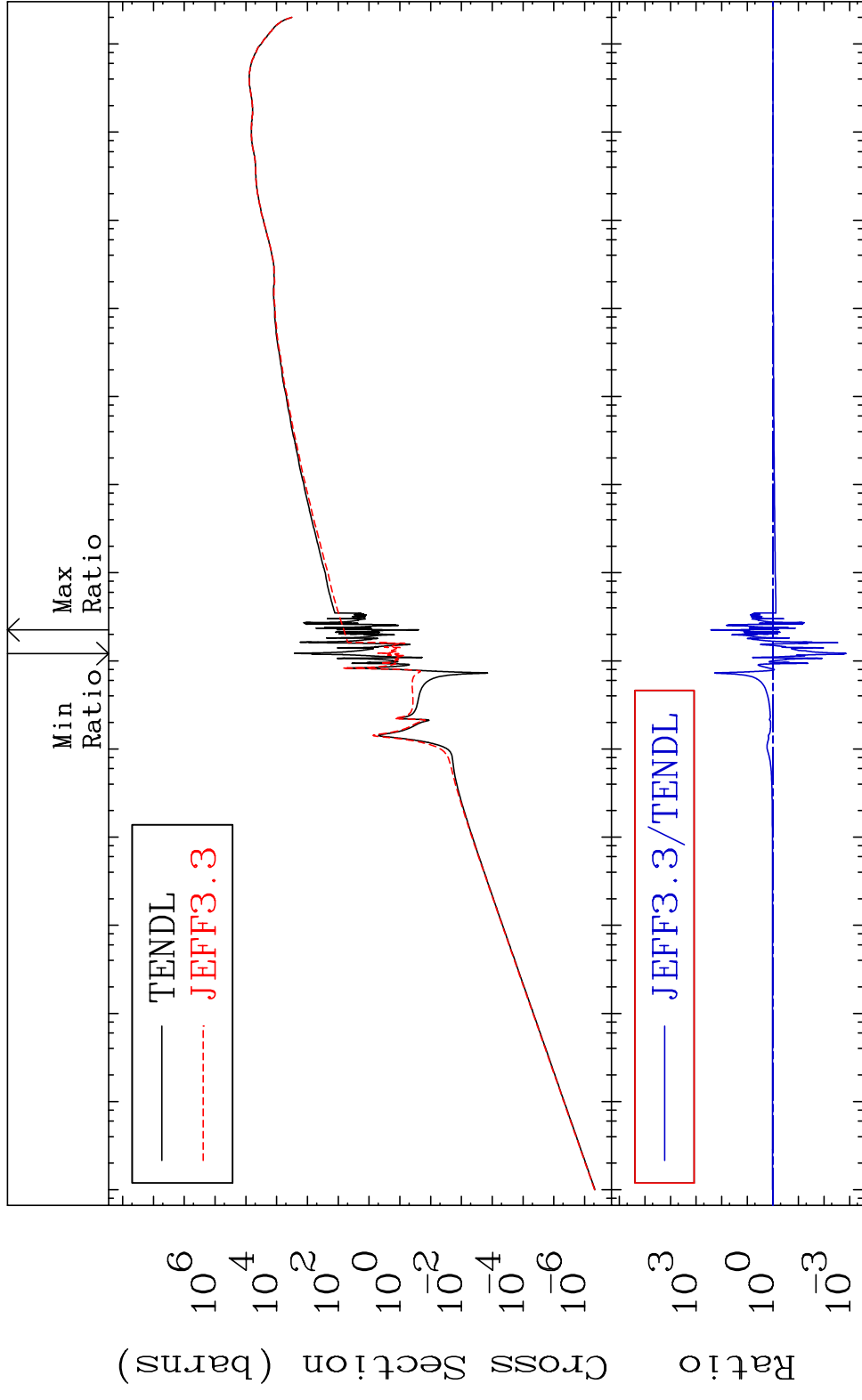


65 Incident Energy (eV) 65-Tb-160

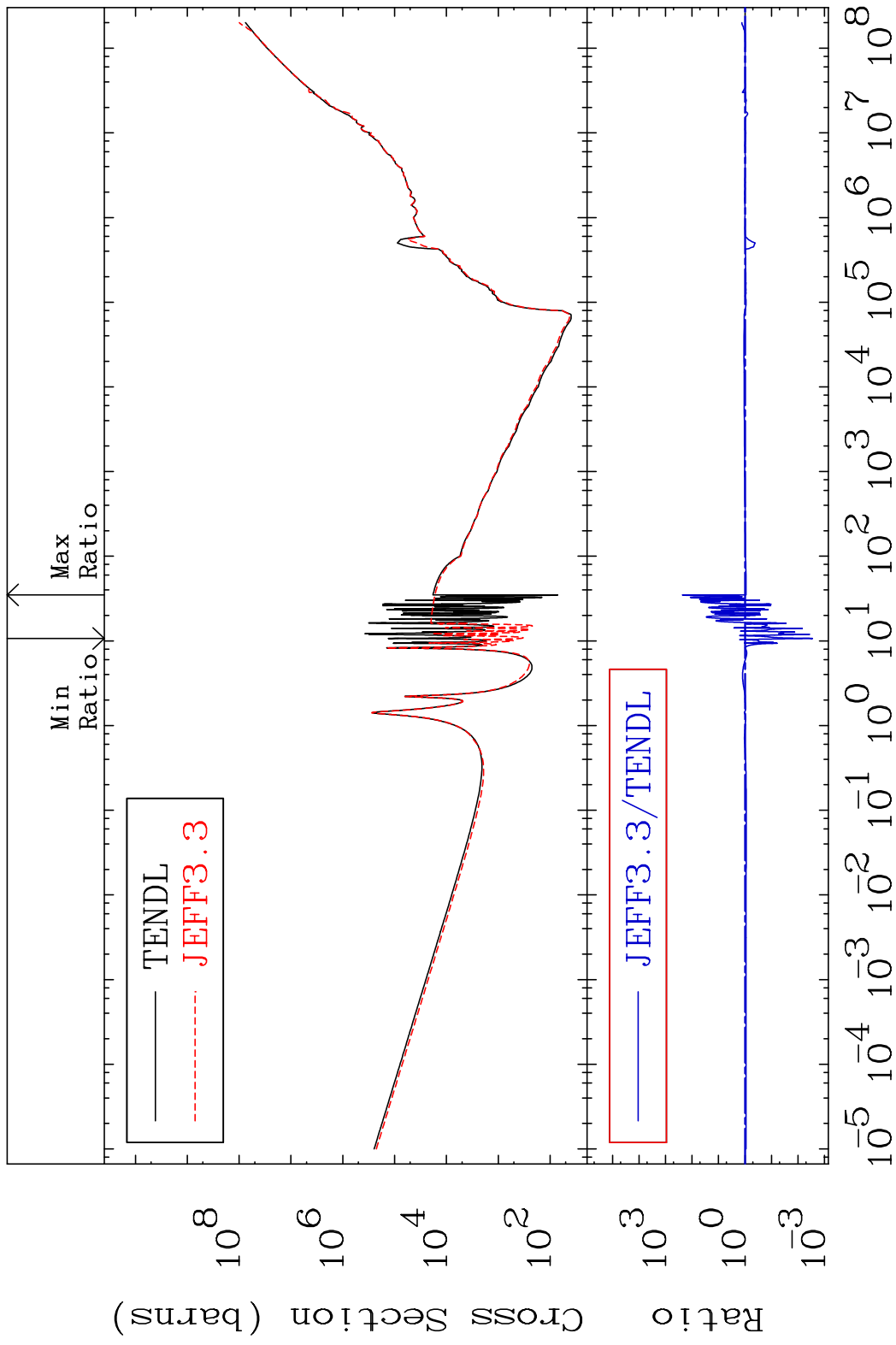
MAT 6528

Kerma elastic  
Cross Section -99.87 To 9999. %

65-Tb-160

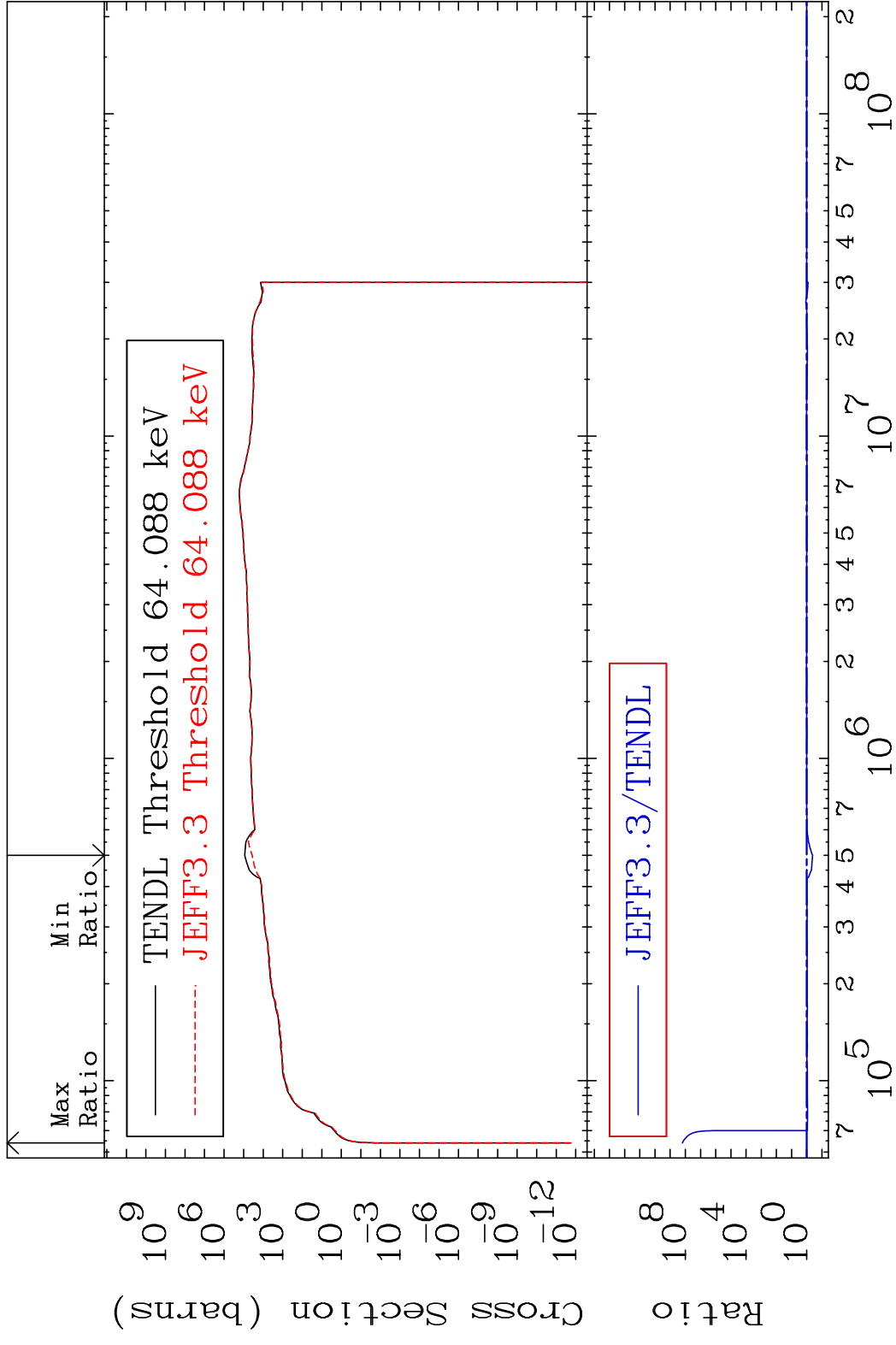


MAT 6528 Kerma non-elastic (all but mt2) 65-Tb-160  
 Cross Section -99.72 To 9999. %

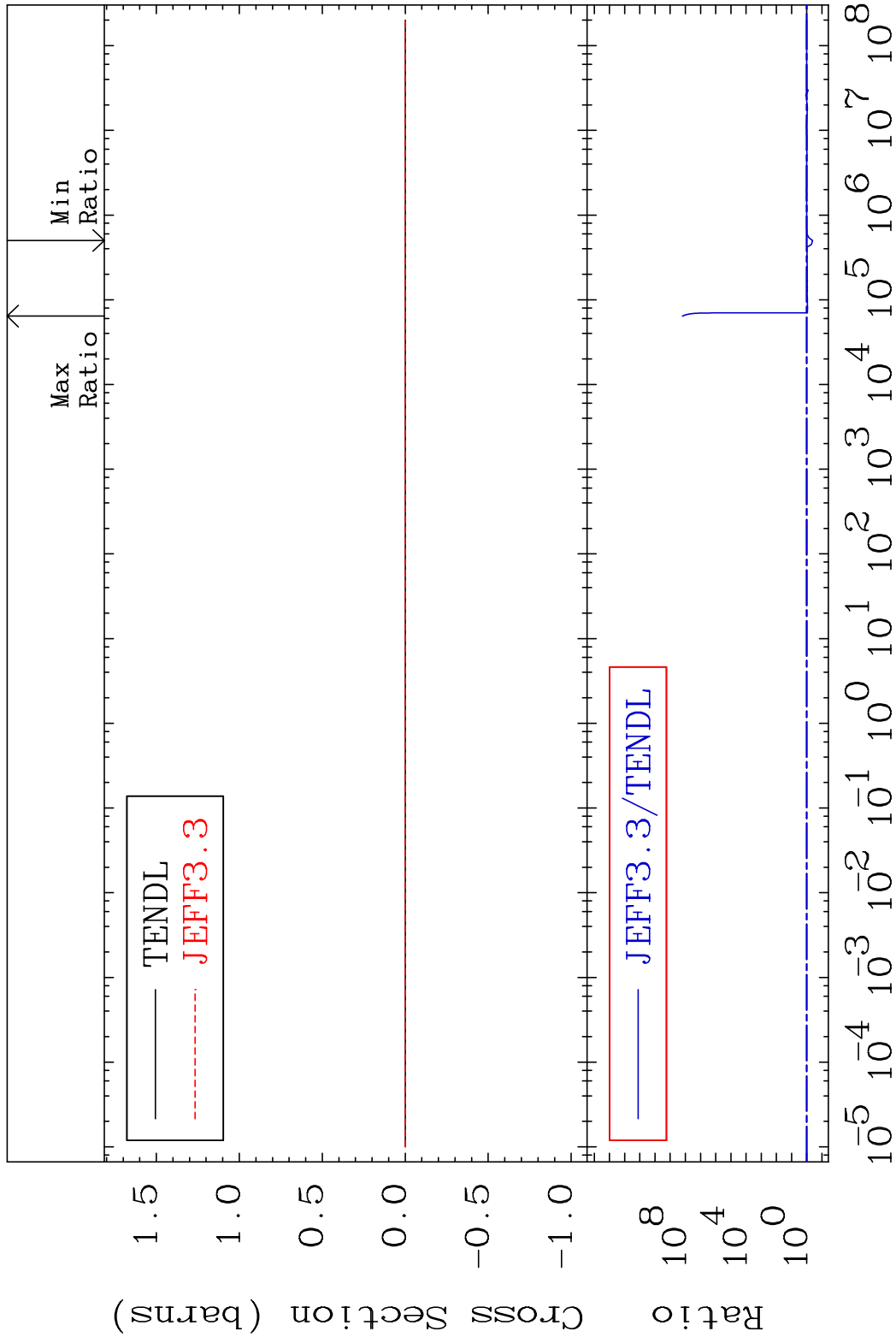


67 Incident Energy (eV) 65-Tb-160

MAT 6528 Kerma inelastic (mt51-91) 65-Tb-160  
 Cross Section -58.79 To 9999. %



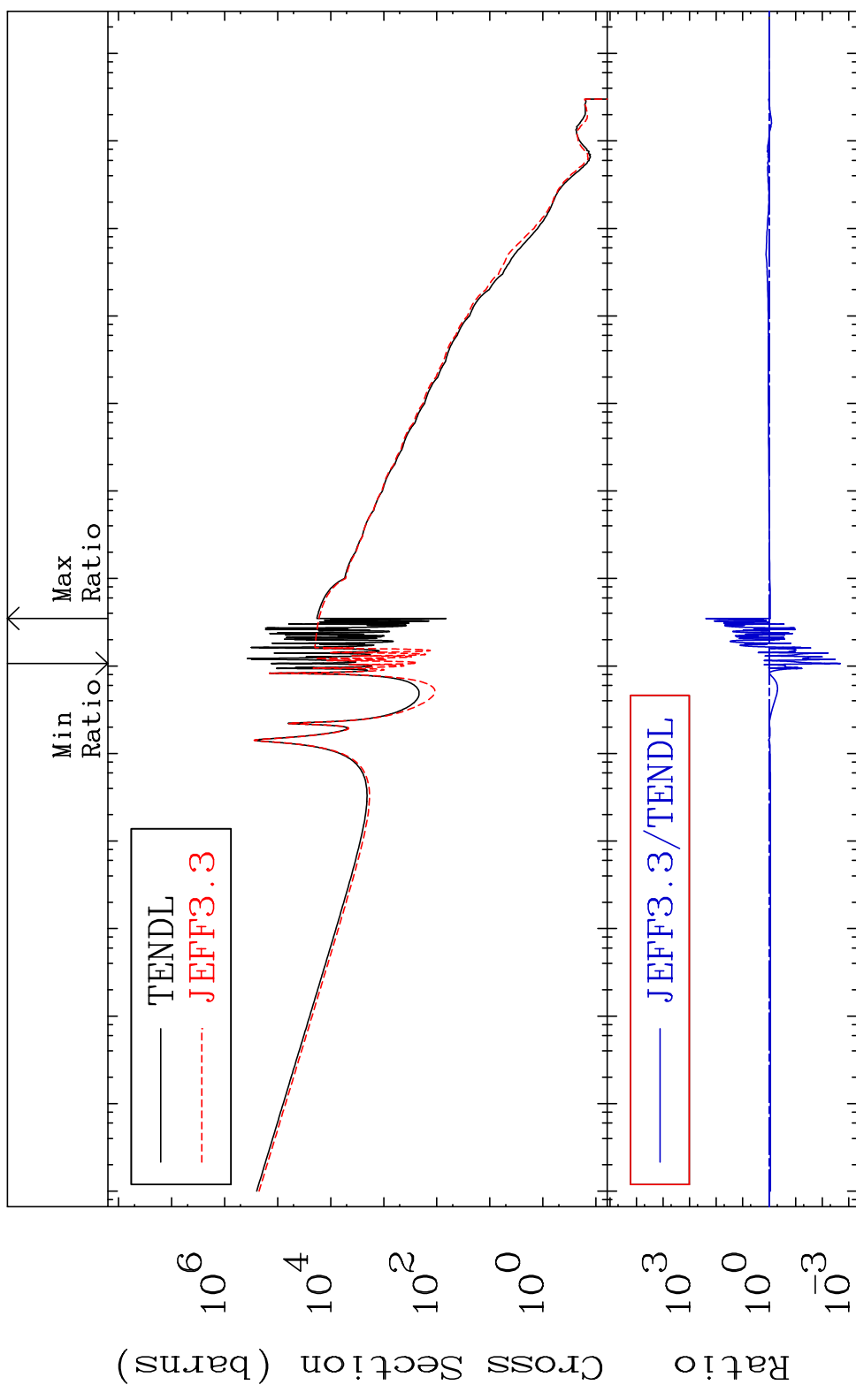
MAT 6528 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-160  
 Cross Section -58.79 To 9999. %



MAT 6528

Kerma capture (mt102) 65-Tb-160

Cross Section -99.79 To 9999. %

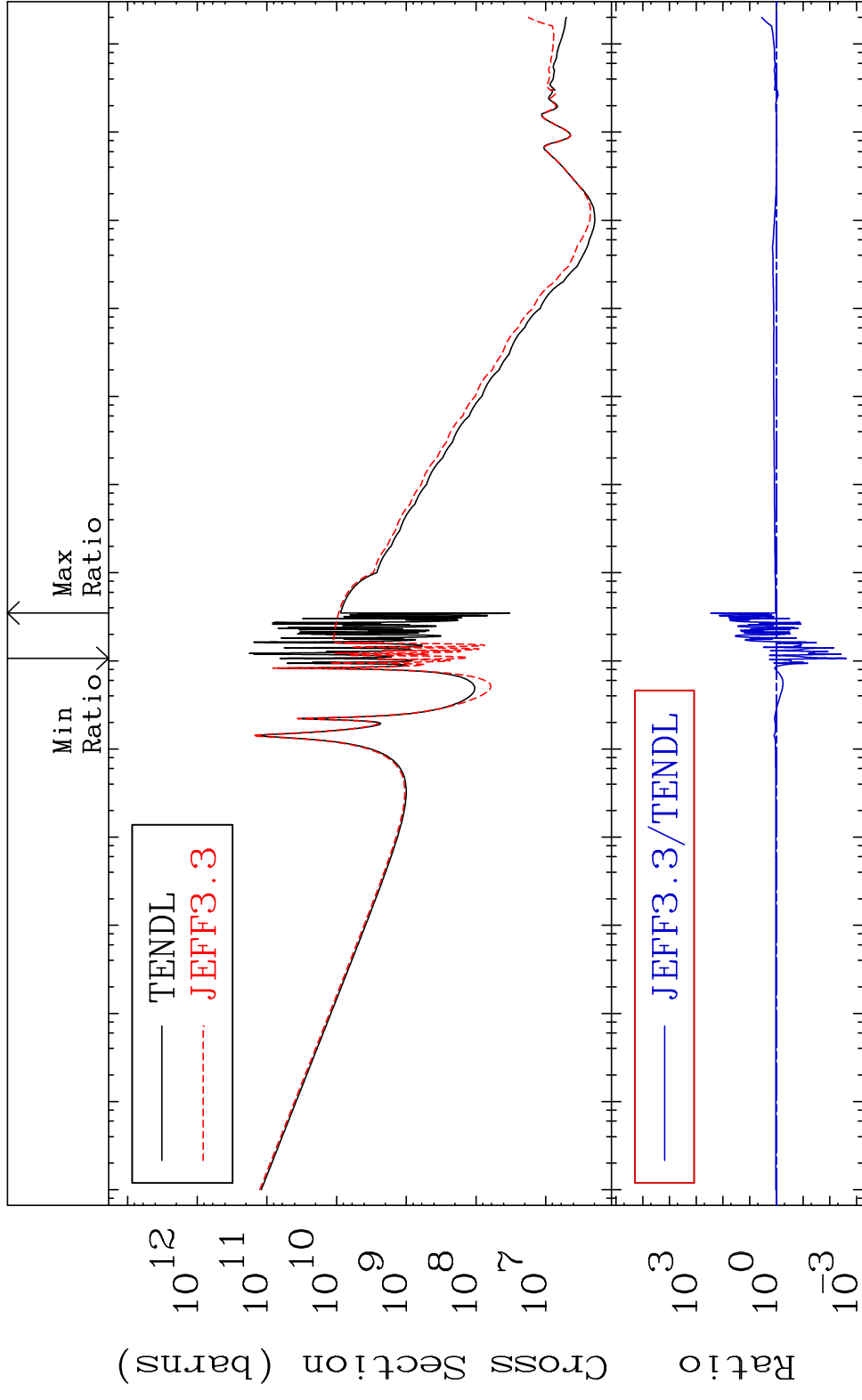


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Incident Energy (eV)

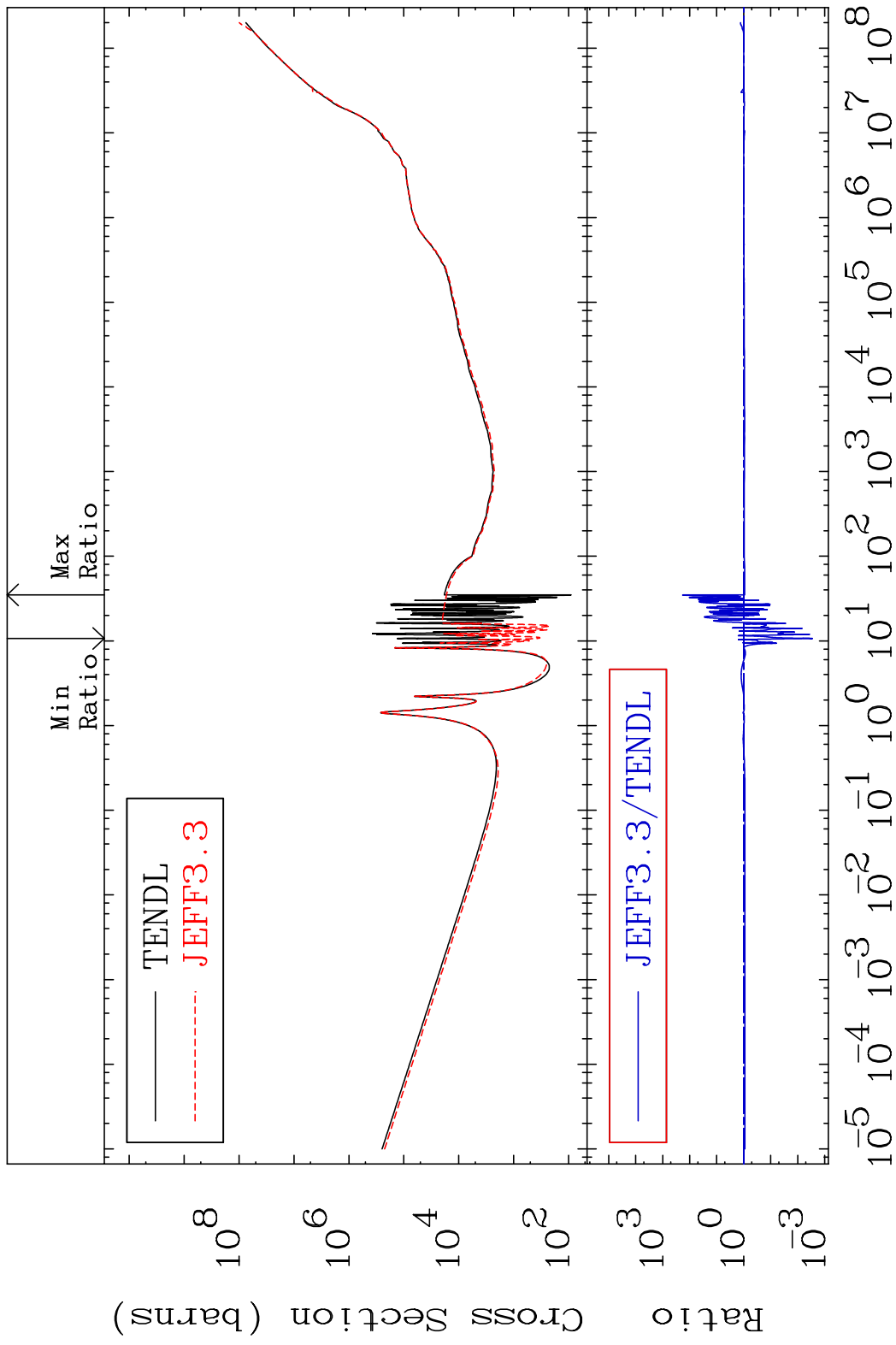
65-Tb-160

MAT 6528 Total photon (eV-barns) 65-Tb-160  
 Cross Section -99.76 To 9999. %

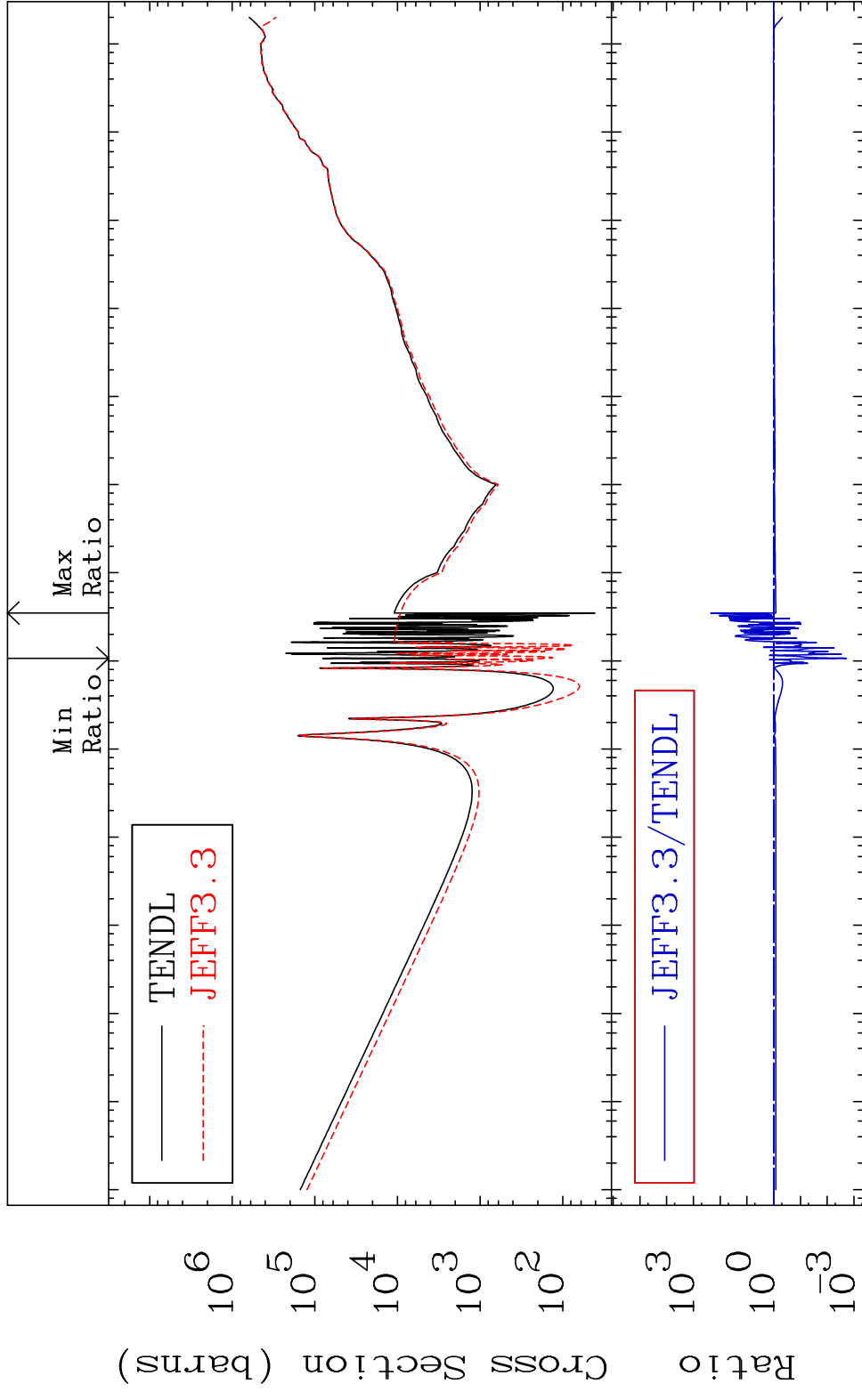


71 Incident Energy (eV) 65-Tb-160

MAT 6528 Total kinematic kerma (high limit) 65-Tb-160  
 Cross Section -99.72 To 9999. %



MAT 6528 Dpa total (eV-barns) 65-Tb-160  
 Cross Section -99.81 To 9999. %



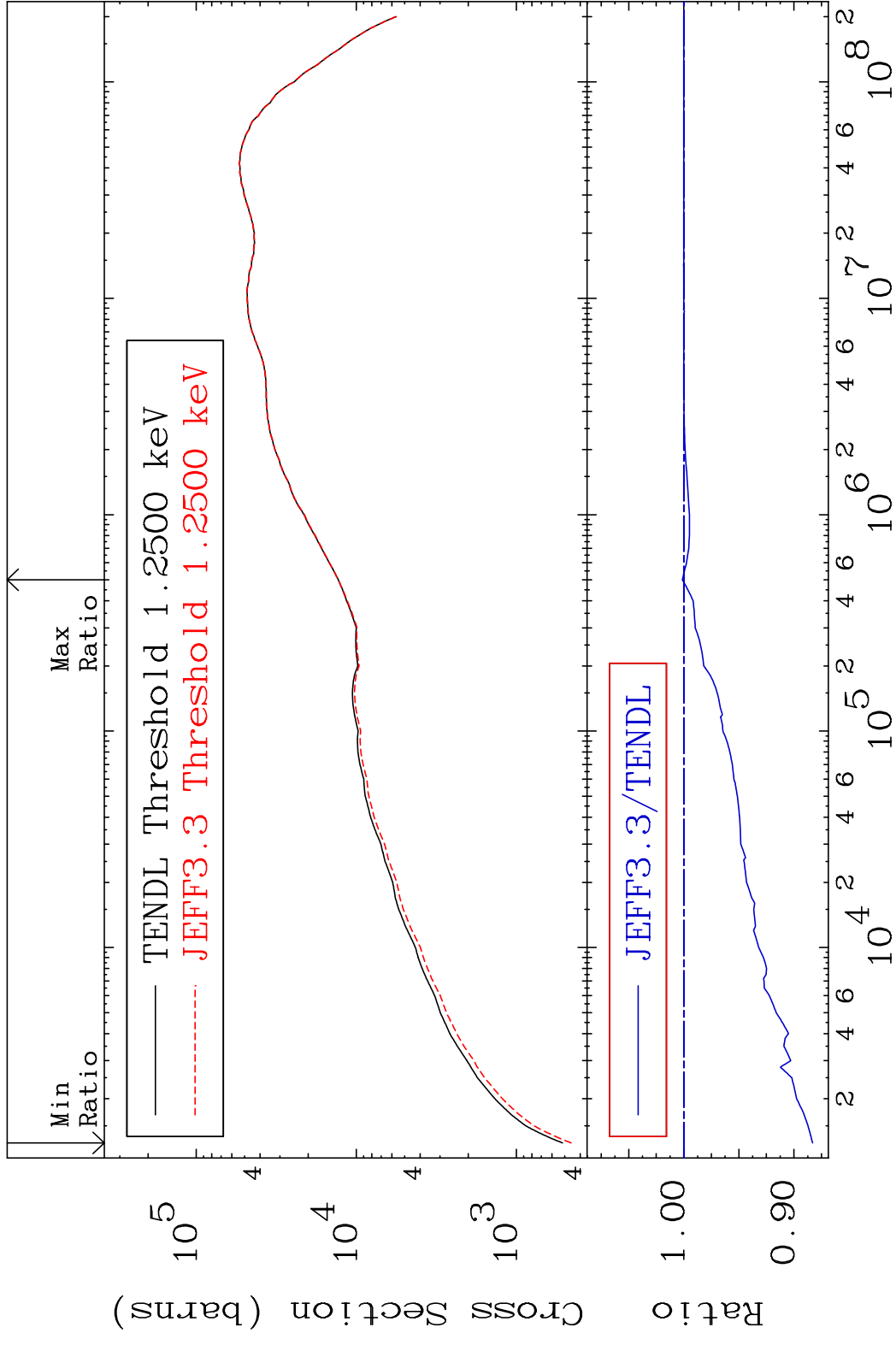
73 Incident Energy (eV) 65-Tb-160

MAT 6528

Dpa elastic (mt2)

65-Tb-160

Cross Section -11.69 To 0.132 %

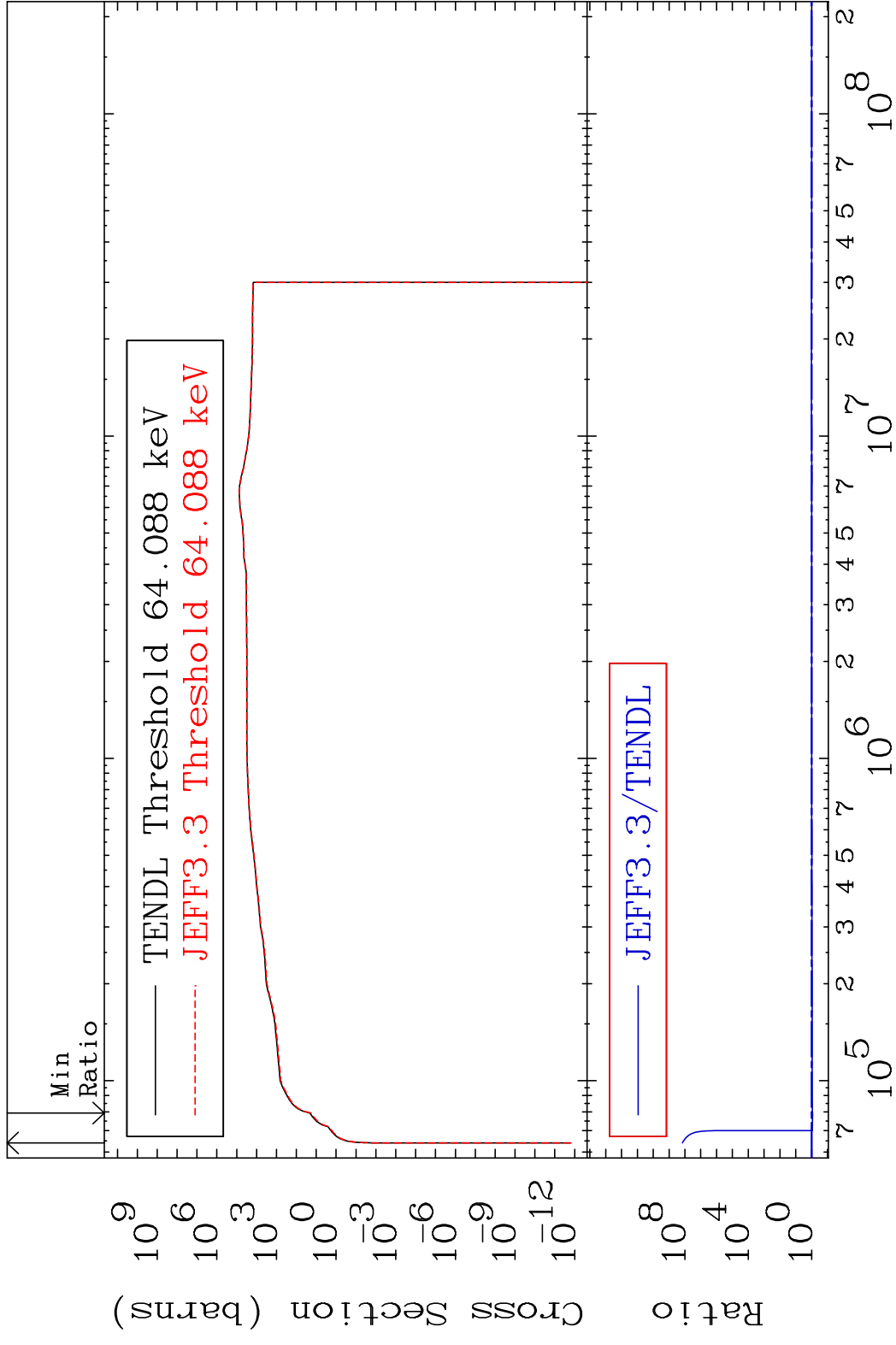


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Incident Energy (eV)

65-Tb-160

MAT 6528      Dpa inelastic (mt51-91)      65-Tb-160  
 Cross Section      -12.59 To 9999. %



MAT 6528 Dpa disappearance (mt102 -120) 65-Tb-160  
 Cross Section -99.81 To 9999. %

