

Program Complot  
(Version 2021-1)

by

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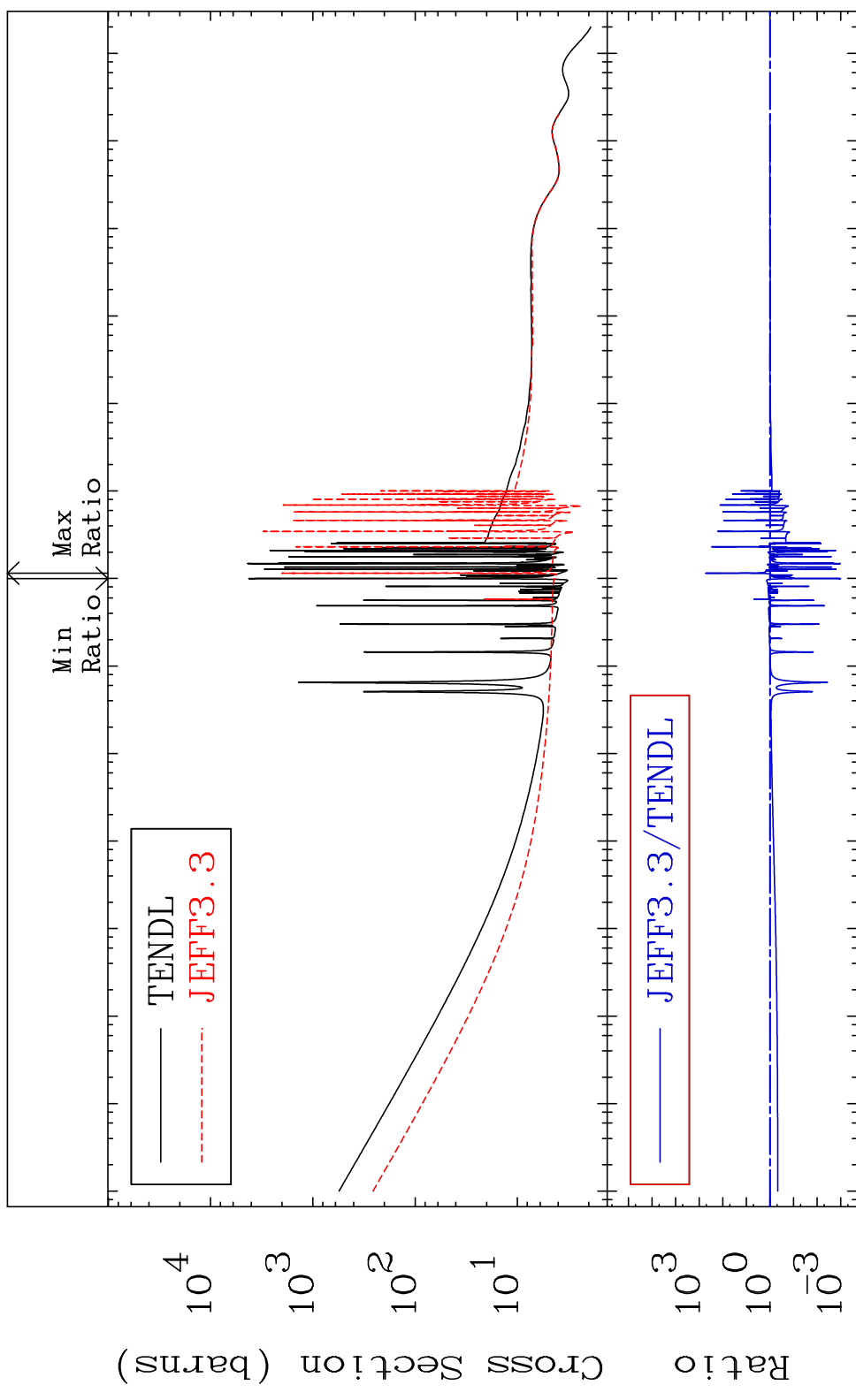
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4853

Total Cross Section -99.90 To 9999. %  
48-Cd-115m



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>

1 Incident Energy (eV) 48-Cd-115m

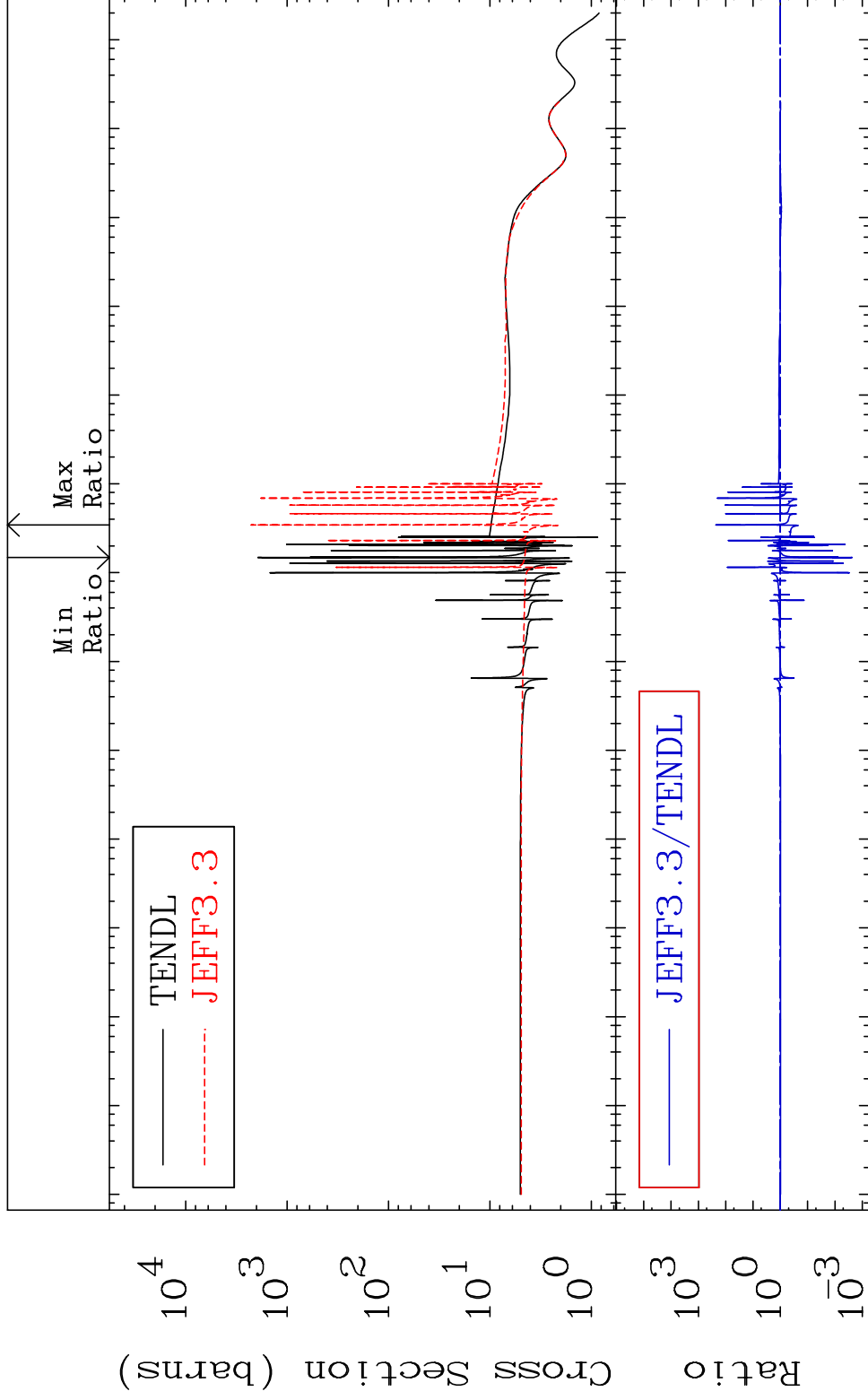
MAT 4853

Elastic

48-Cd-115m

Cross Section

-99.77 To 9999. %

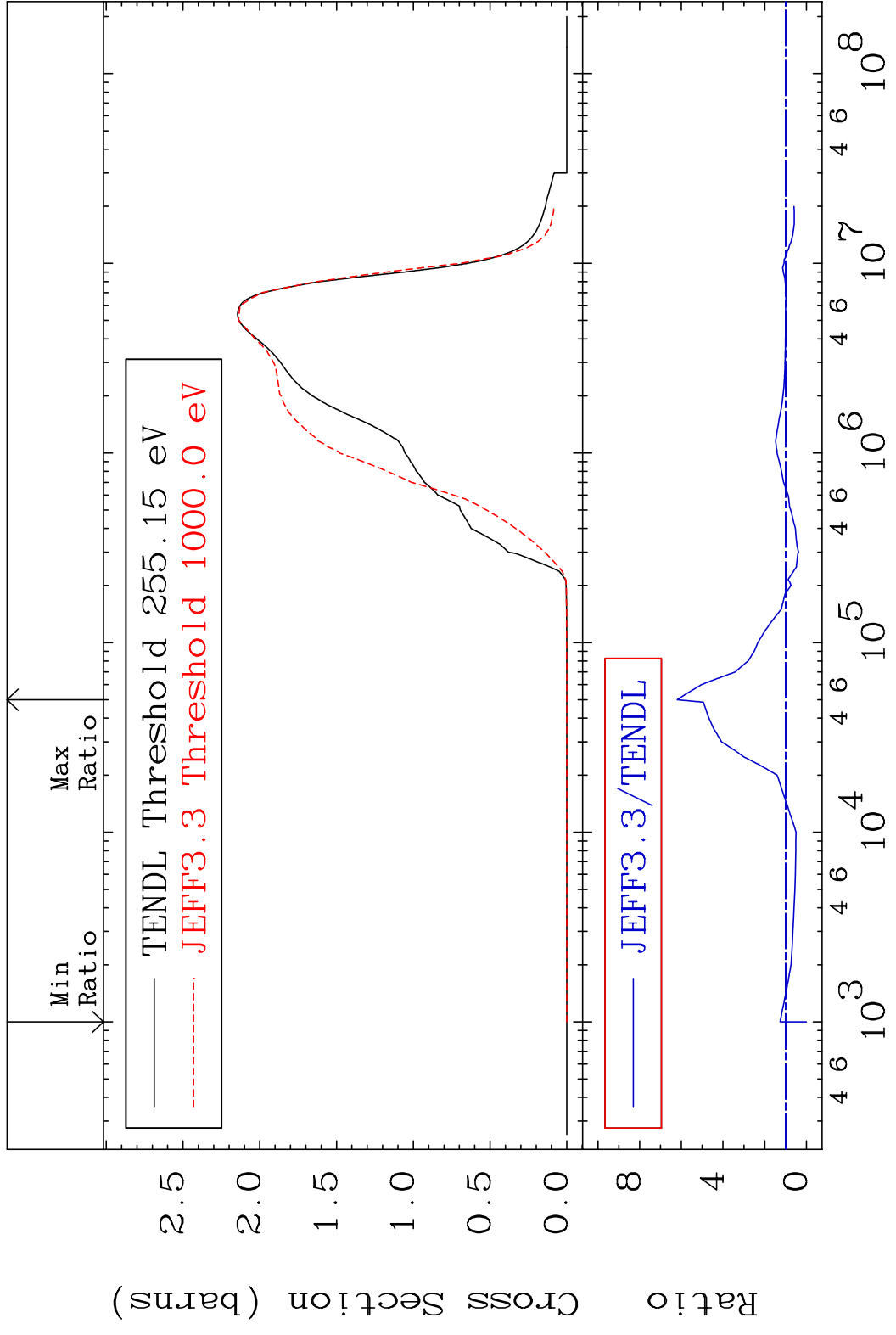


2

Incident Energy (eV)

48-Cd-115m

MAT 4853 Inelastic 48-Cd-115m  
 Cross Section -100.0 To 520.0 %



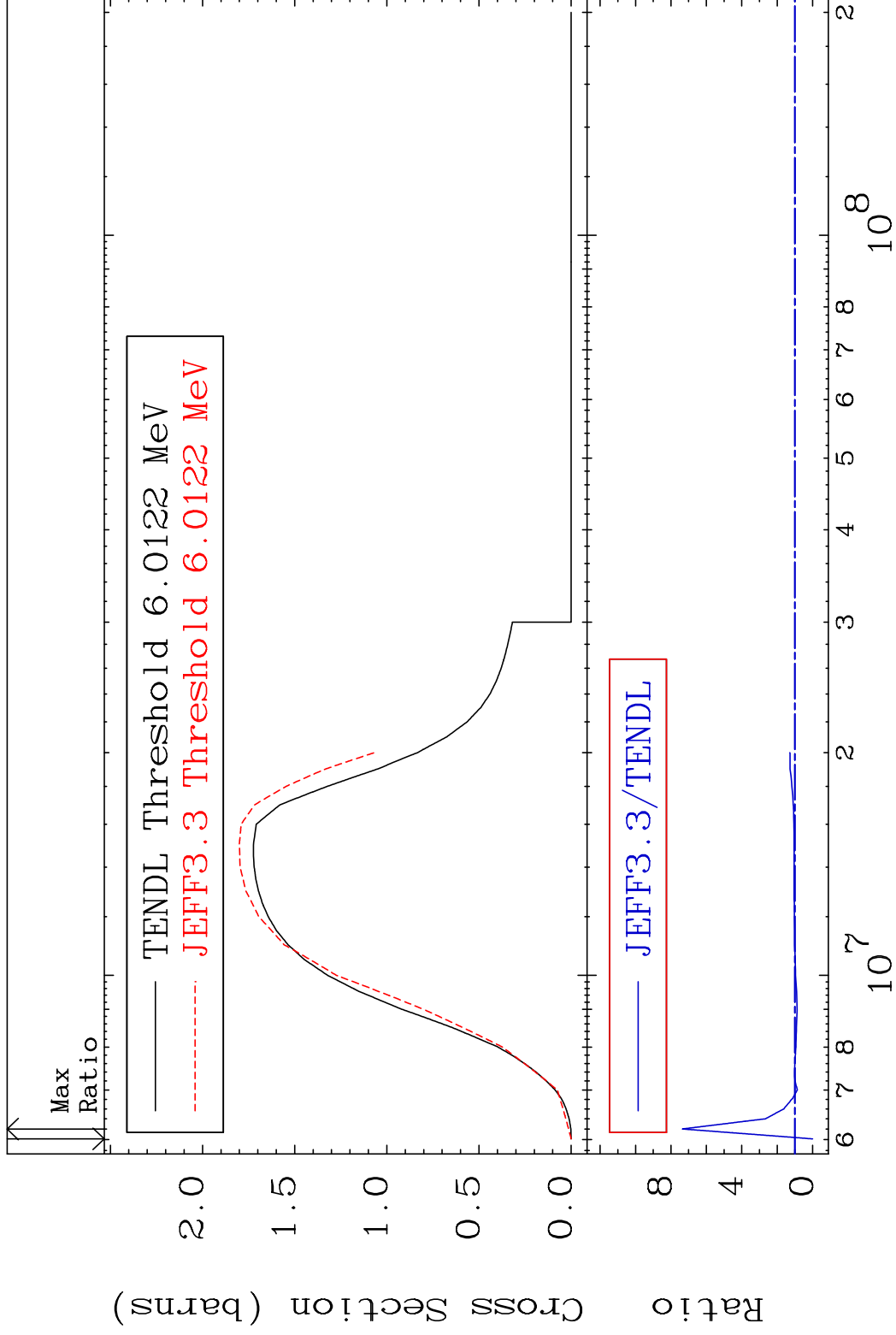
3 Incident Energy (eV) 48-Cd-115m

MAT 4853

(n,2n)

48-Cd-115m

Cross Section -100.0 To 635.5 %



4

Incident Energy (eV)

48-Cd-115m

MAT 4853

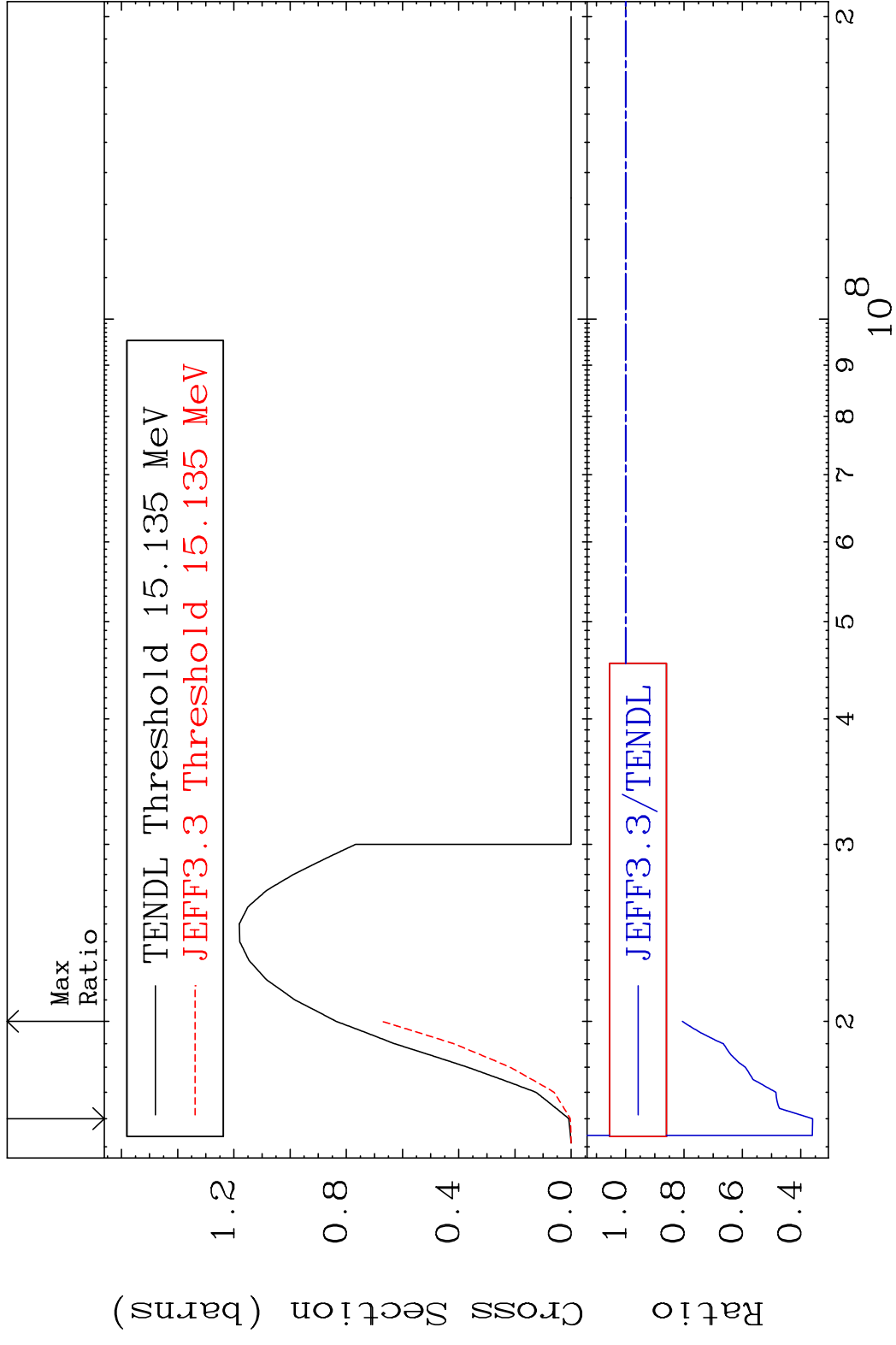
(n,3n)

48-Cd-115m

Cross Section

-64.05 To

-19.45%



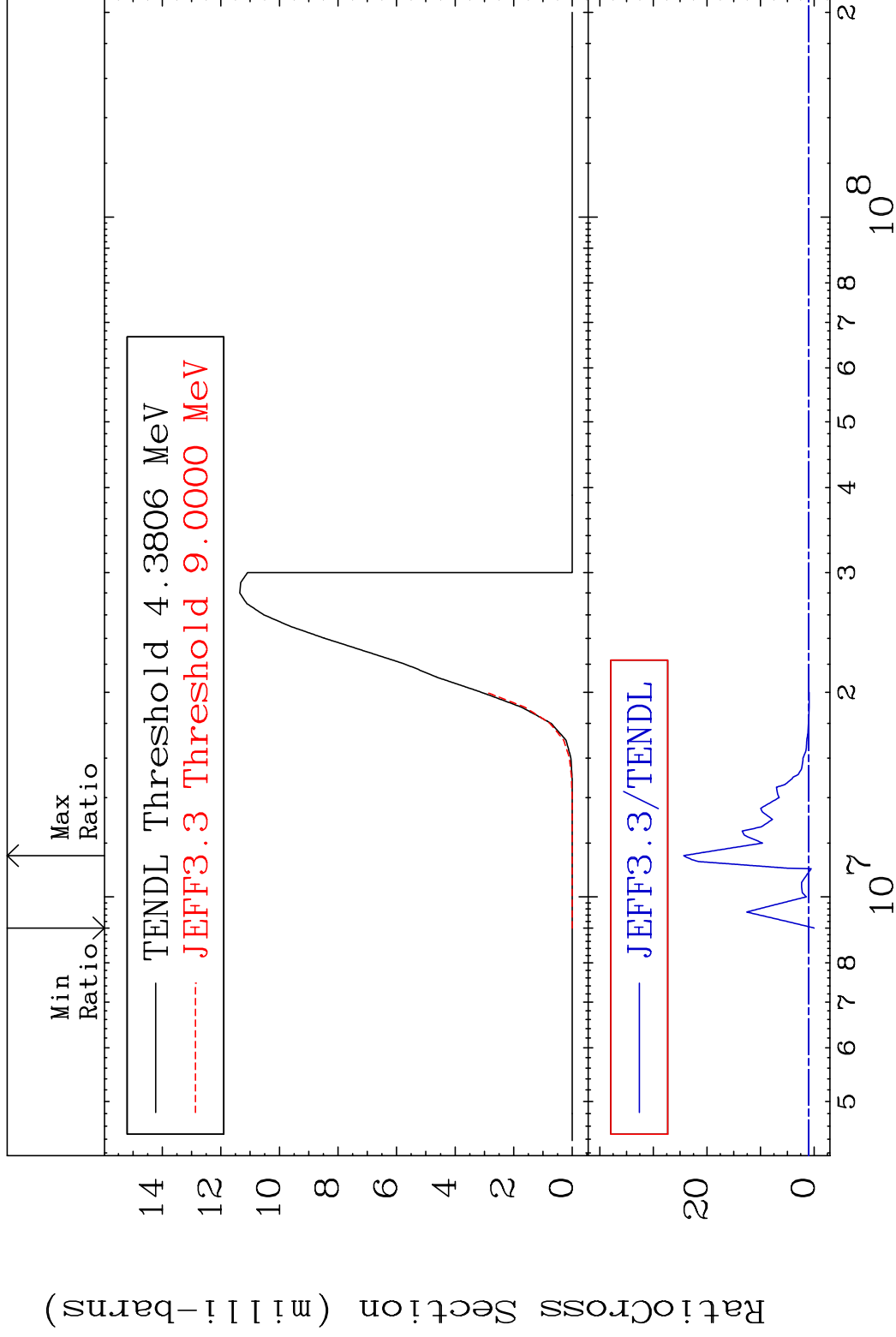
5

Incident Energy (eV)

48-Cd-115m

MAT 4853

(n, n')  $\alpha$  48-Cd-115m  
Cross Section -100.0 To 2334. %



6

Incident Energy (eV)

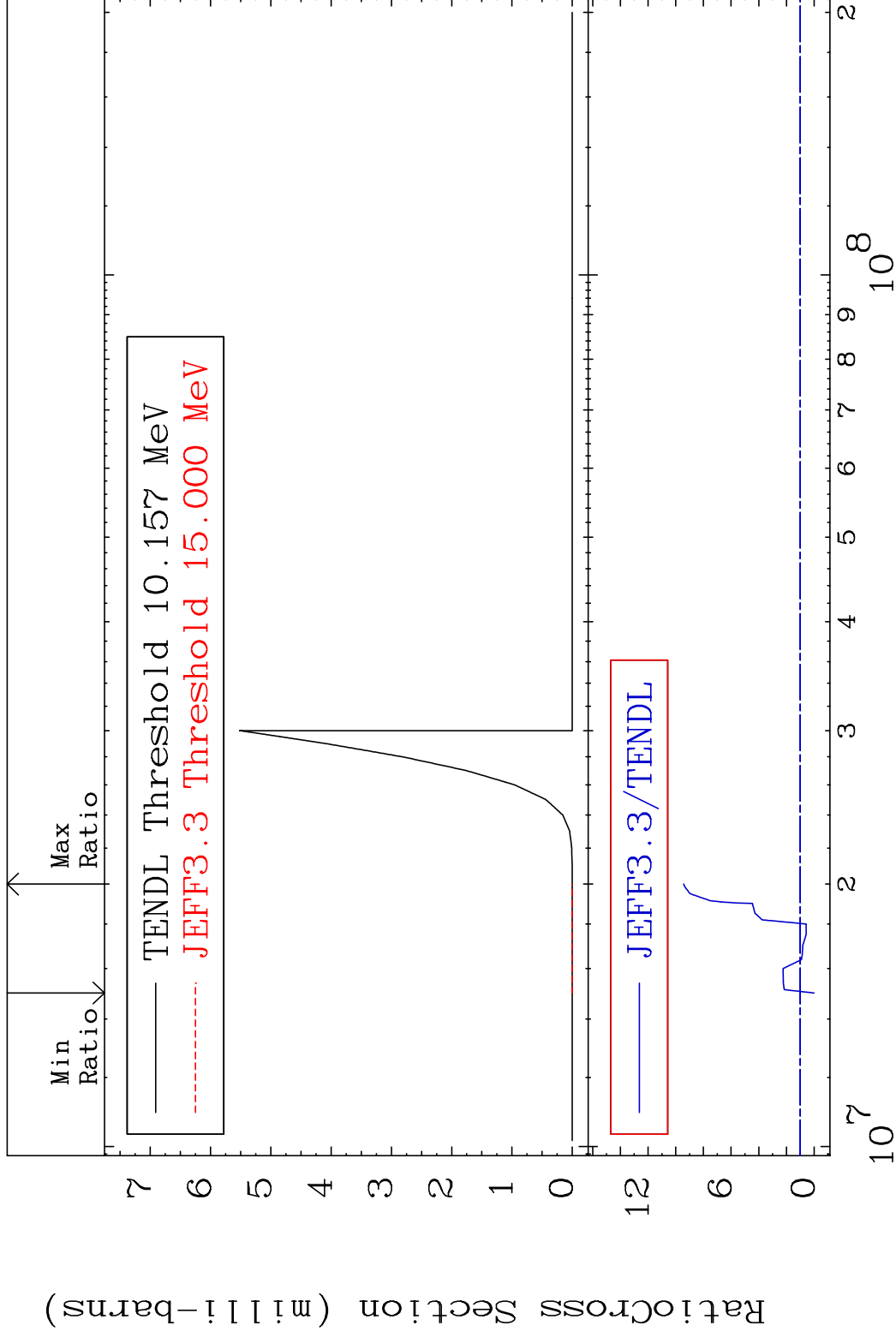
48-Cd-115m

MAT 4853

(n,2n)  $\alpha$

48-Cd-115m

Cross Section -100.0 To 842.7 %



7

Incident Energy (eV)

48-Cd-115m



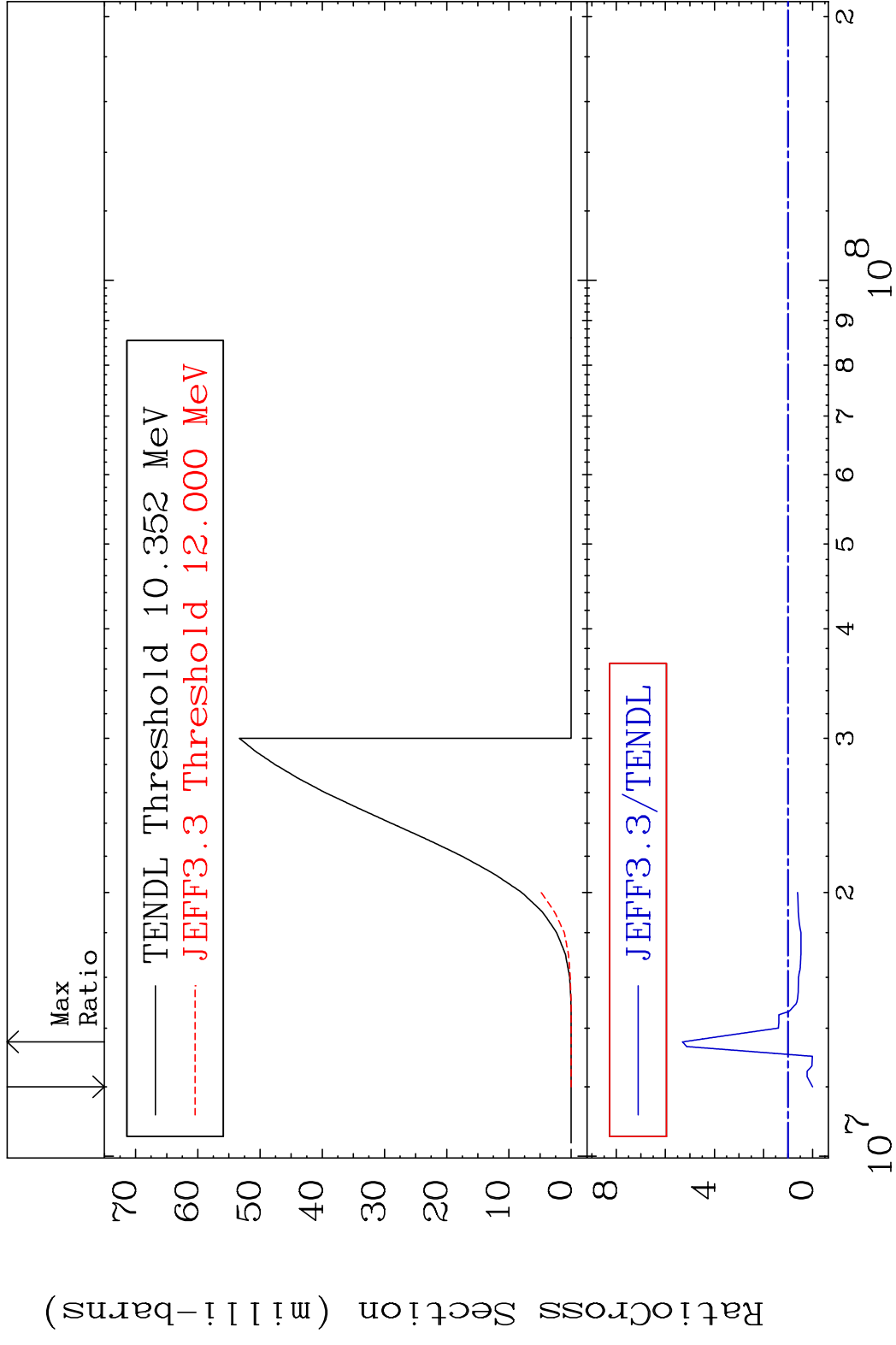
MAT 4853

(n, n') p

48-Cd-115m

Cross Section

-100.0 To 430.8 %



8

Incident Energy (eV)

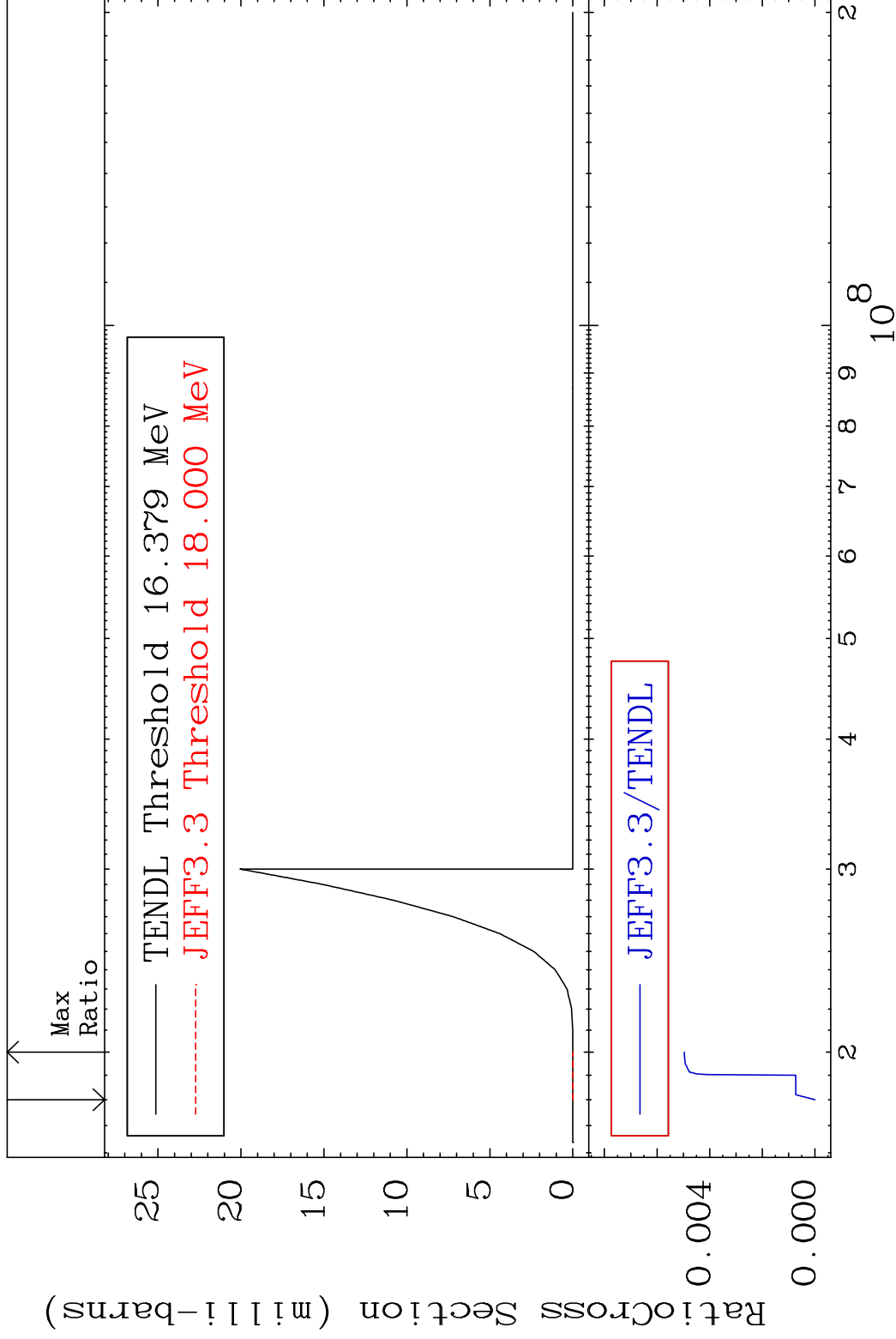
48-Cd-115m

MAT 4853

(n,2n) p

48-Cd-115m

Cross Section -100.0 To -99.50%

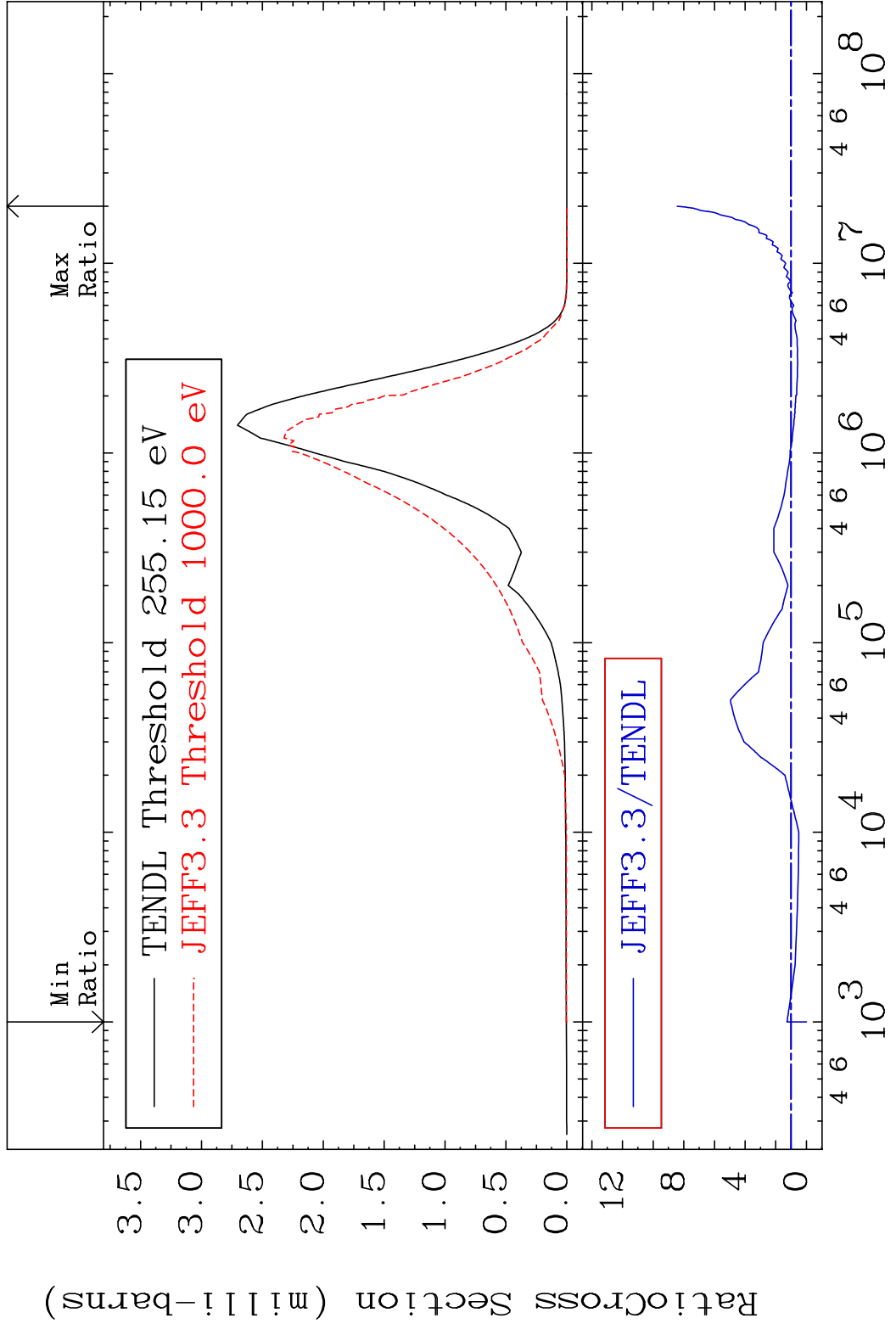


9

Incident Energy (eV)

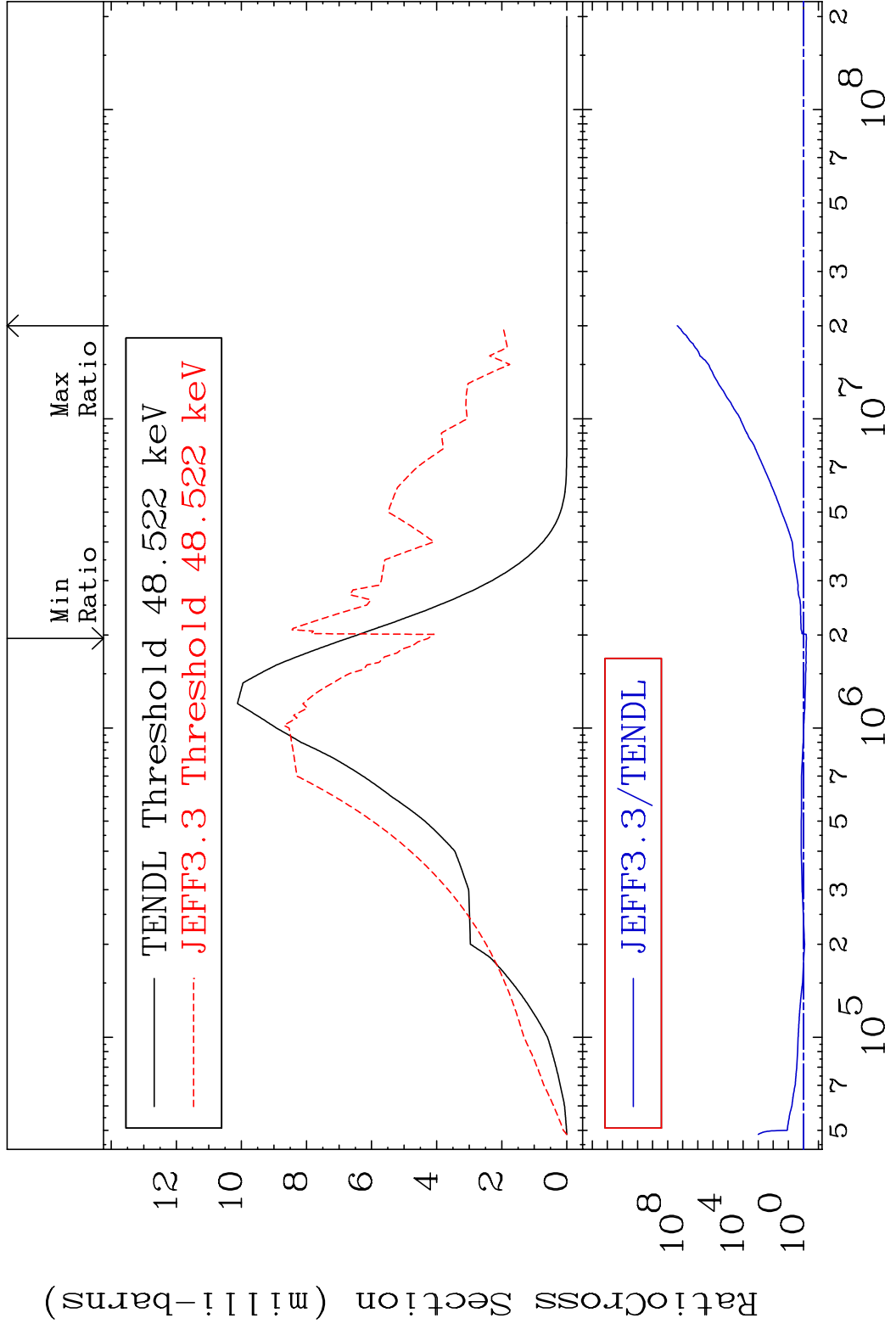
48-Cd-115m

MAT 4853 MT= 51 (n, n') Level 48-Cd-115m  
 Cross Section -100.0 To 743.2 %

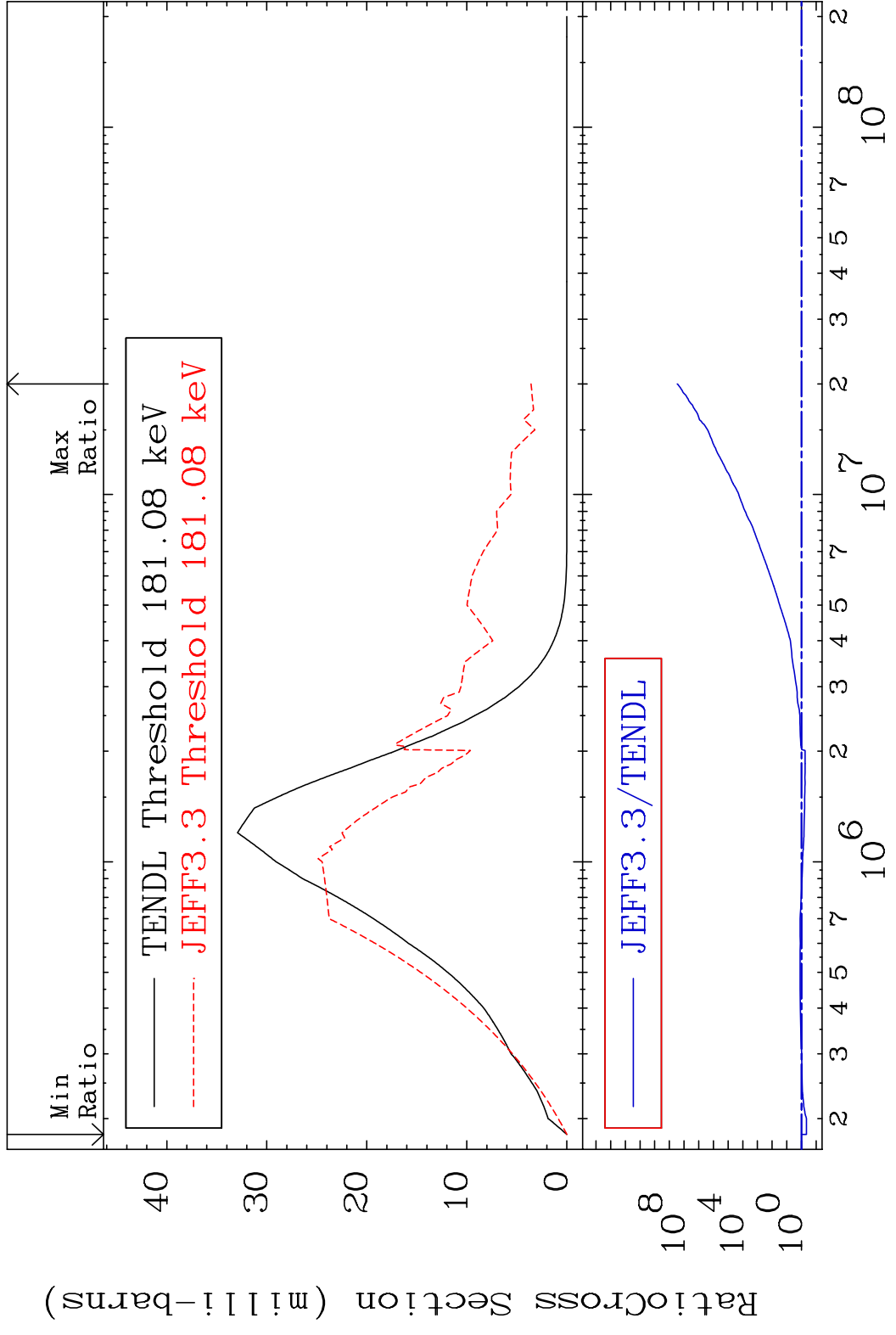


10 48-Cd-115m

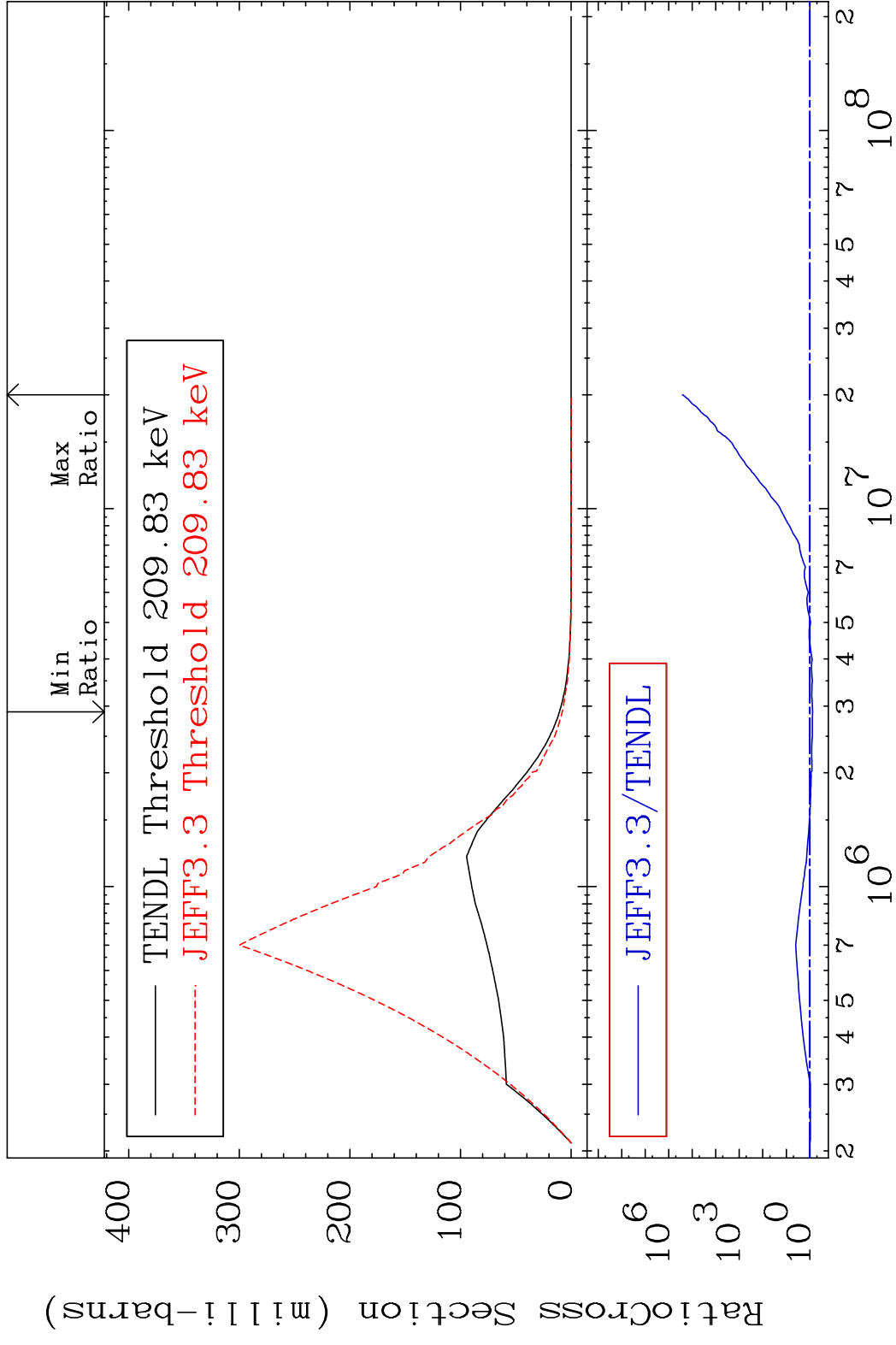
MAT 4853 MT= 52 (n, n') Level 48-Cd-115m  
 Cross Section -36.73 To 9999. %



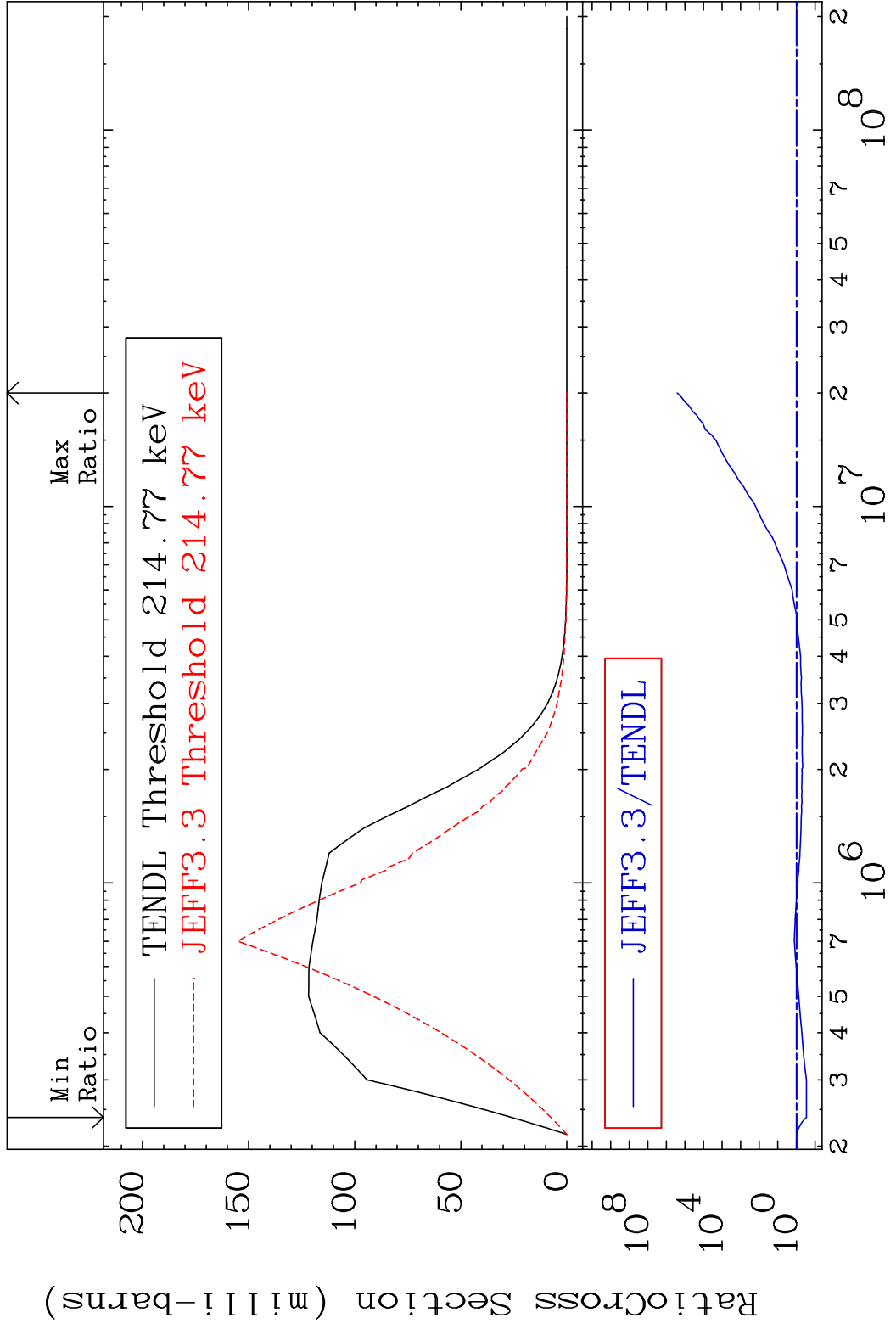
MAT 4853 MT= 53 (n, n') Level 48-Cd-115m  
 Cross Section -53.82 To 9999. %



MAT 4853 MT= 54 (n,n') Level 48-Cd-115m  
 Cross Section -23.82 To 9999. %

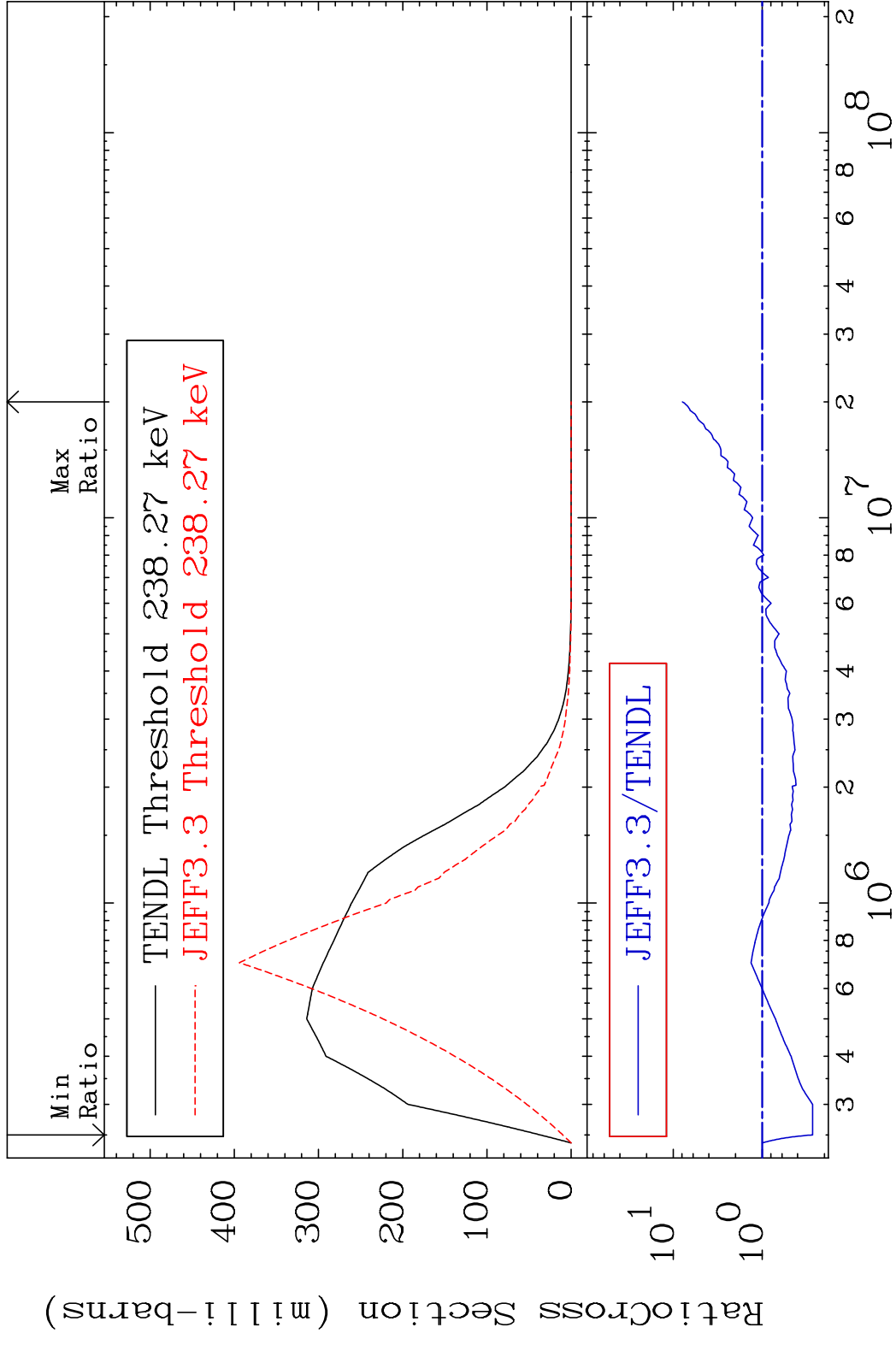


MAT 4853 MT= 55 (n,n') Level 48-Cd-115m  
 Cross Section -71.07 To 9999. %



14 Incident Energy (eV) 48-Cd-115m

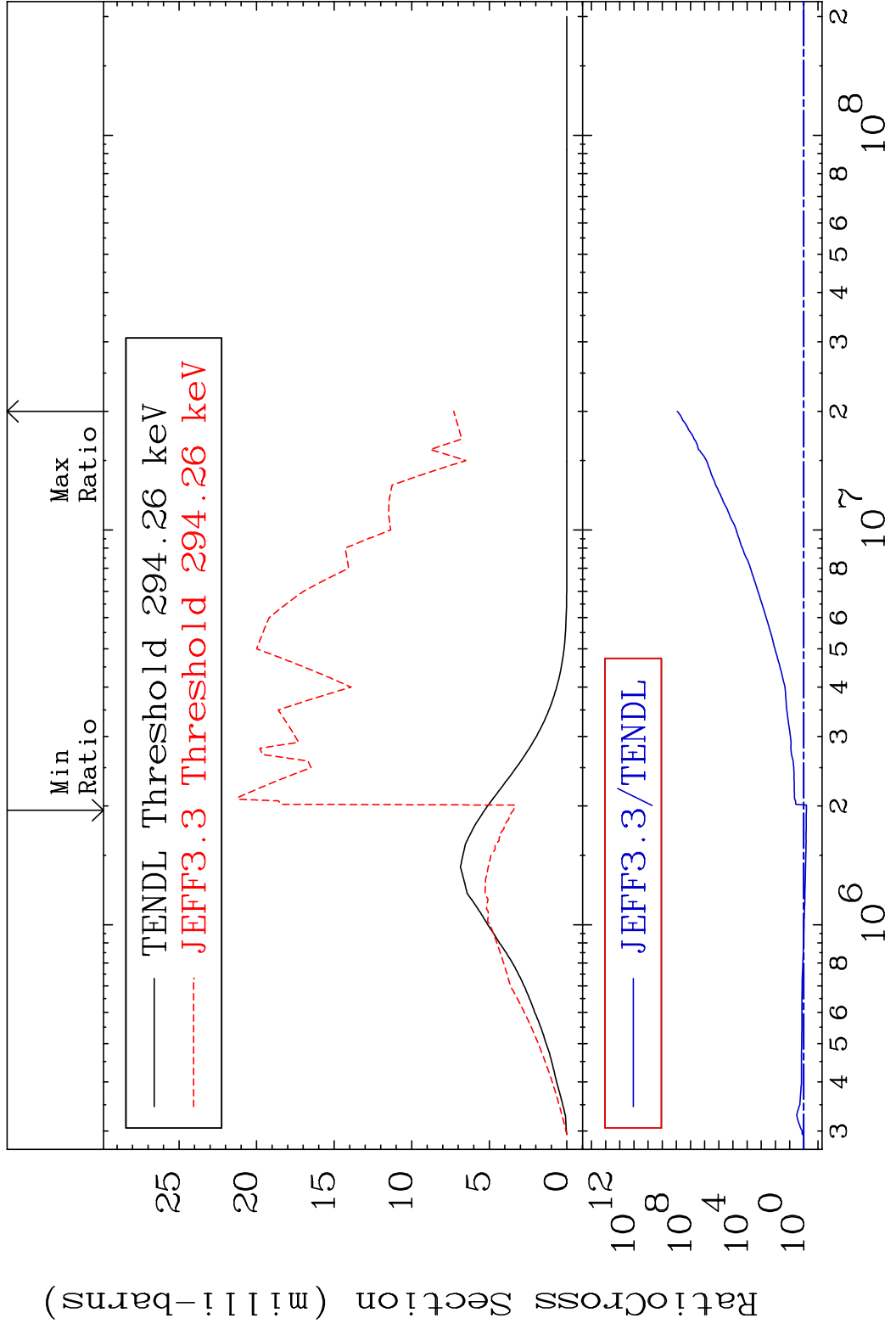
MAT 4853 MT= 56 (n, n') Level 48-Cd-115m  
 Cross Section -72.82 To 692.1 %



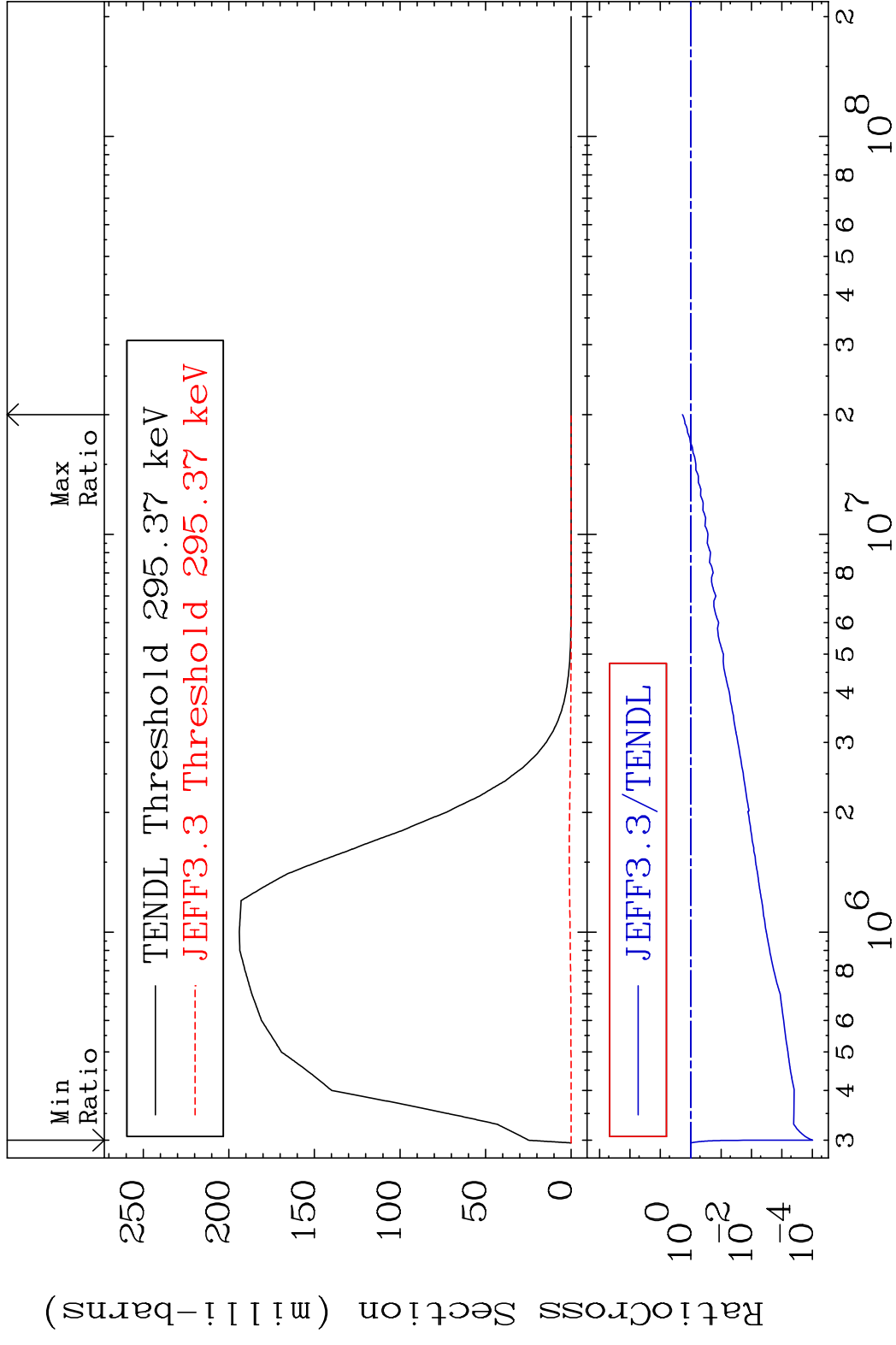
15 Incident Energy (eV) 48-Cd-115m



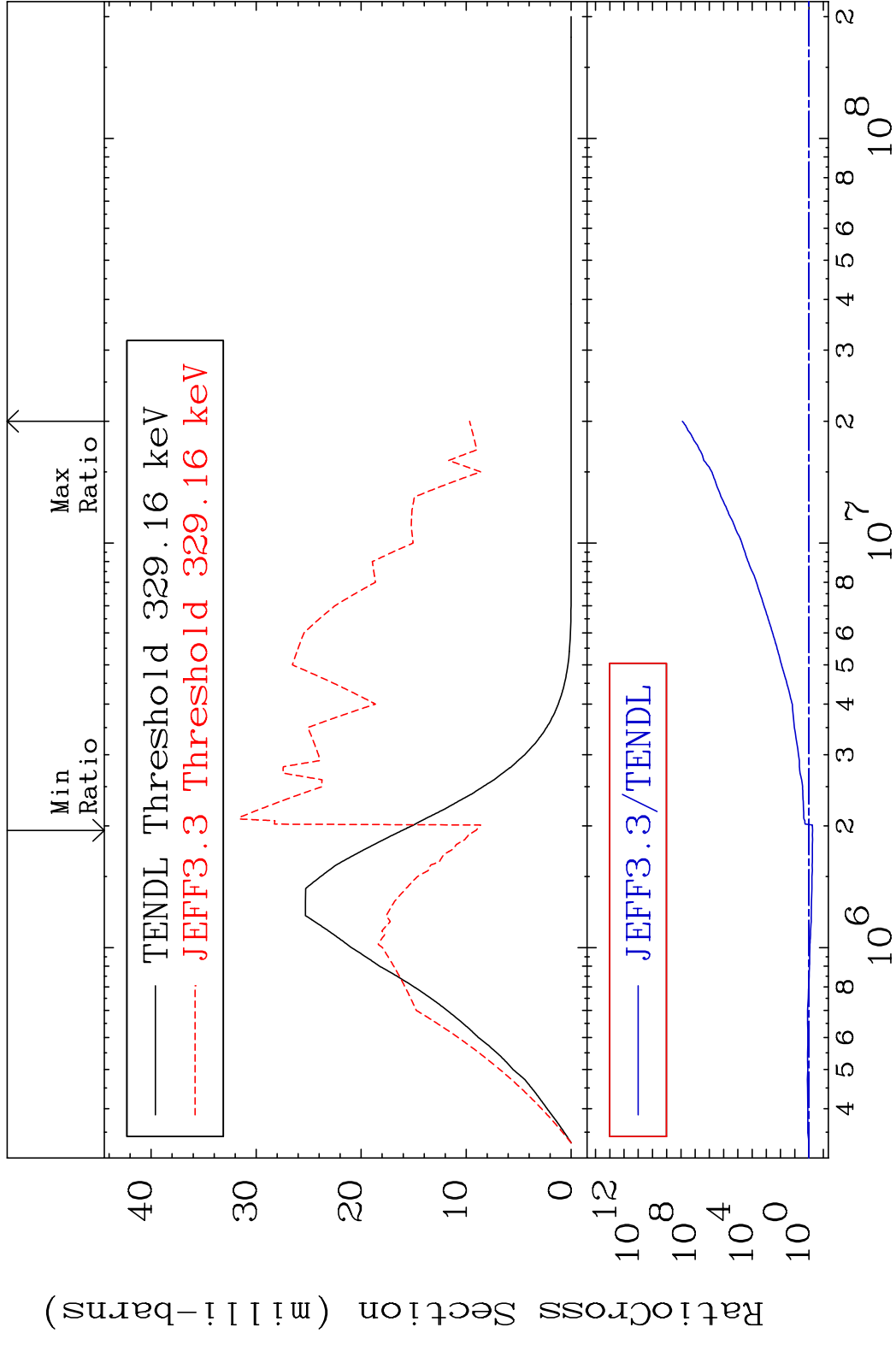
MAT 4853 MT= 57 (n, n') Level 48-Cd-115m  
 Cross Section -35.01 To 9999. %



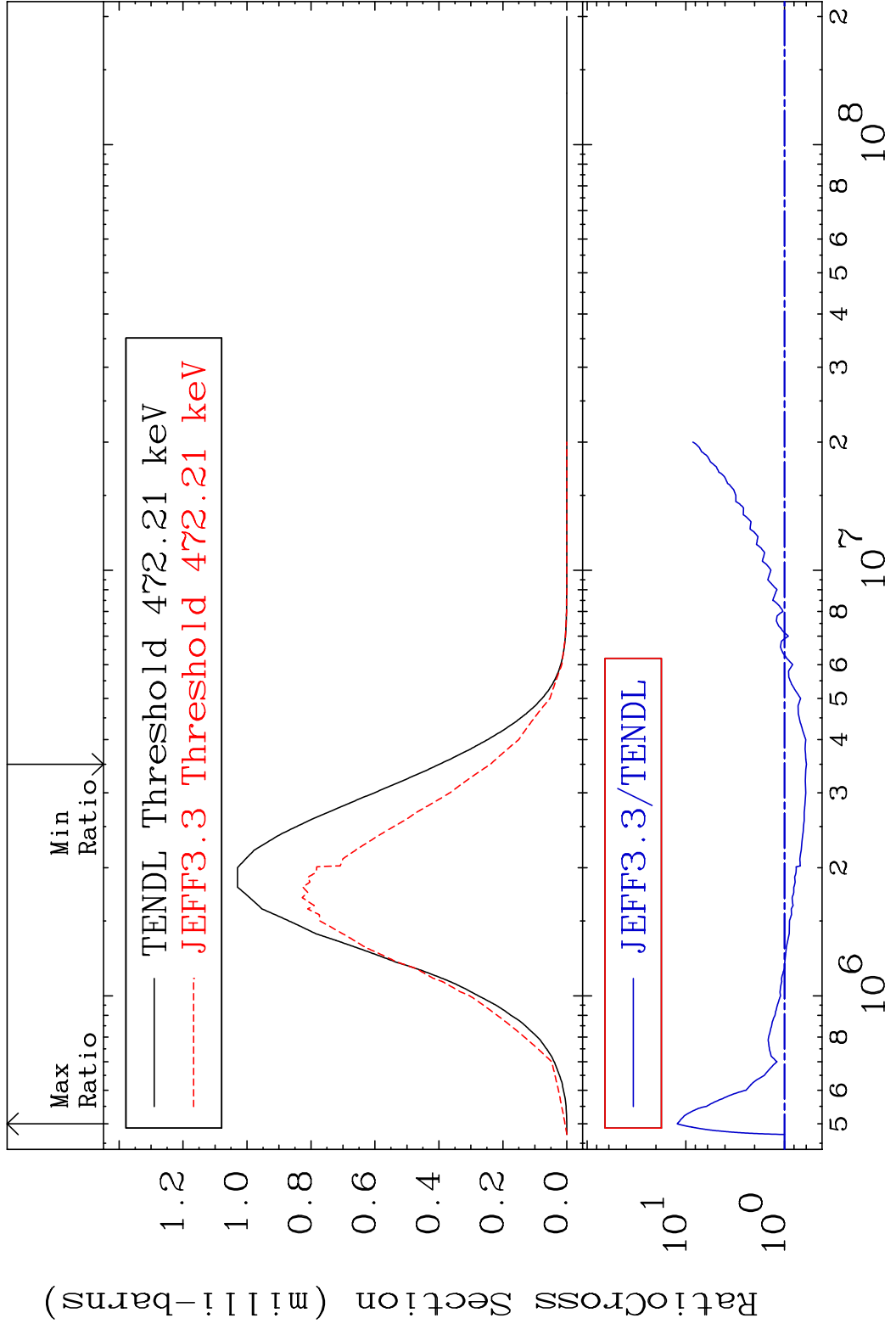
MAT 4853 MT= 58 (n, n') Level 48-Cd-115m  
 Cross Section -99.99 To 88.73 %



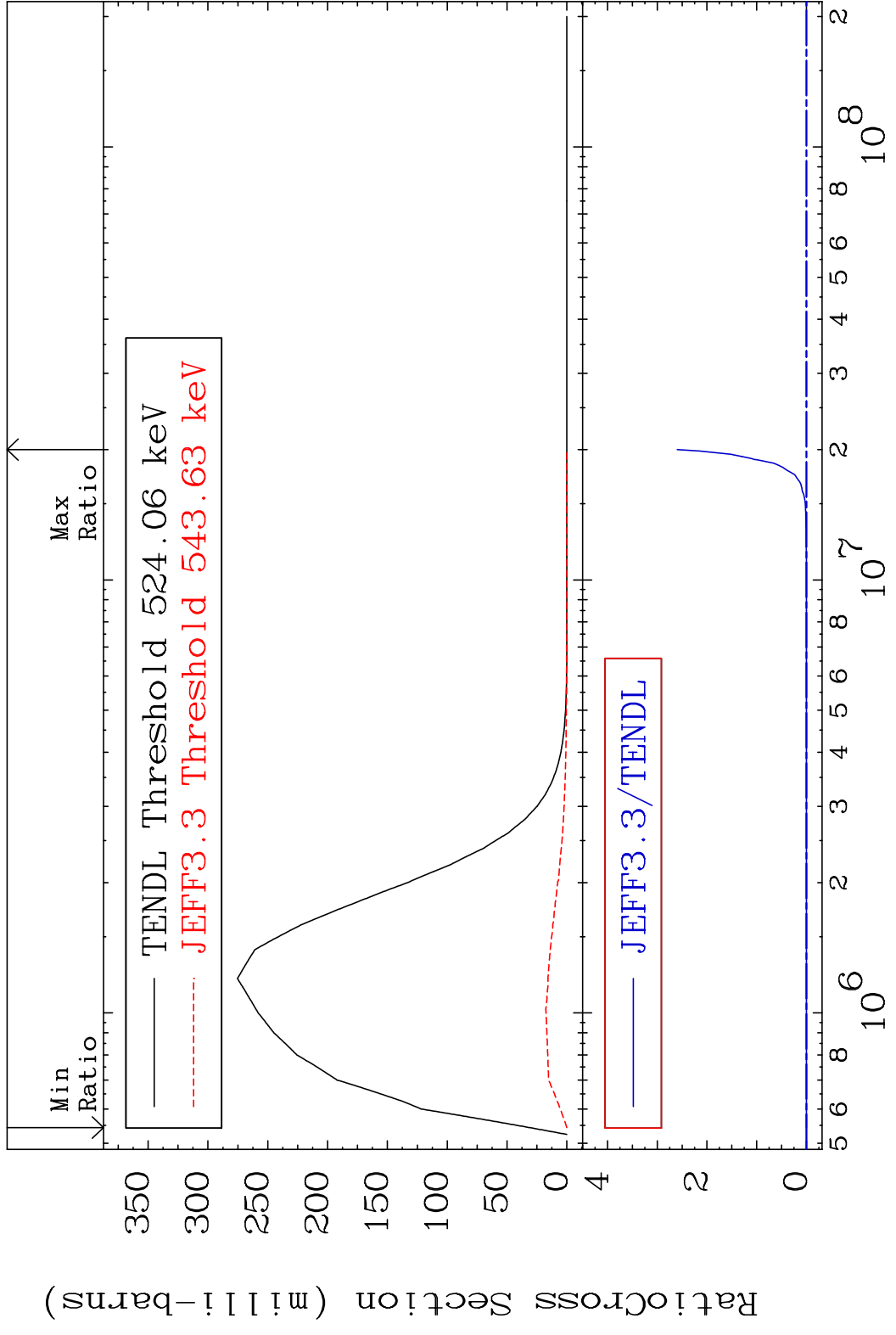
MAT 4853 MT= 59 (n, n') Level 48-Cd-115m  
 Cross Section -43.64 To 9999. %



MAT 4853 MT= 60 (n, n') Level 48-Cd-115m  
 Cross Section -40.11 To 1121. %

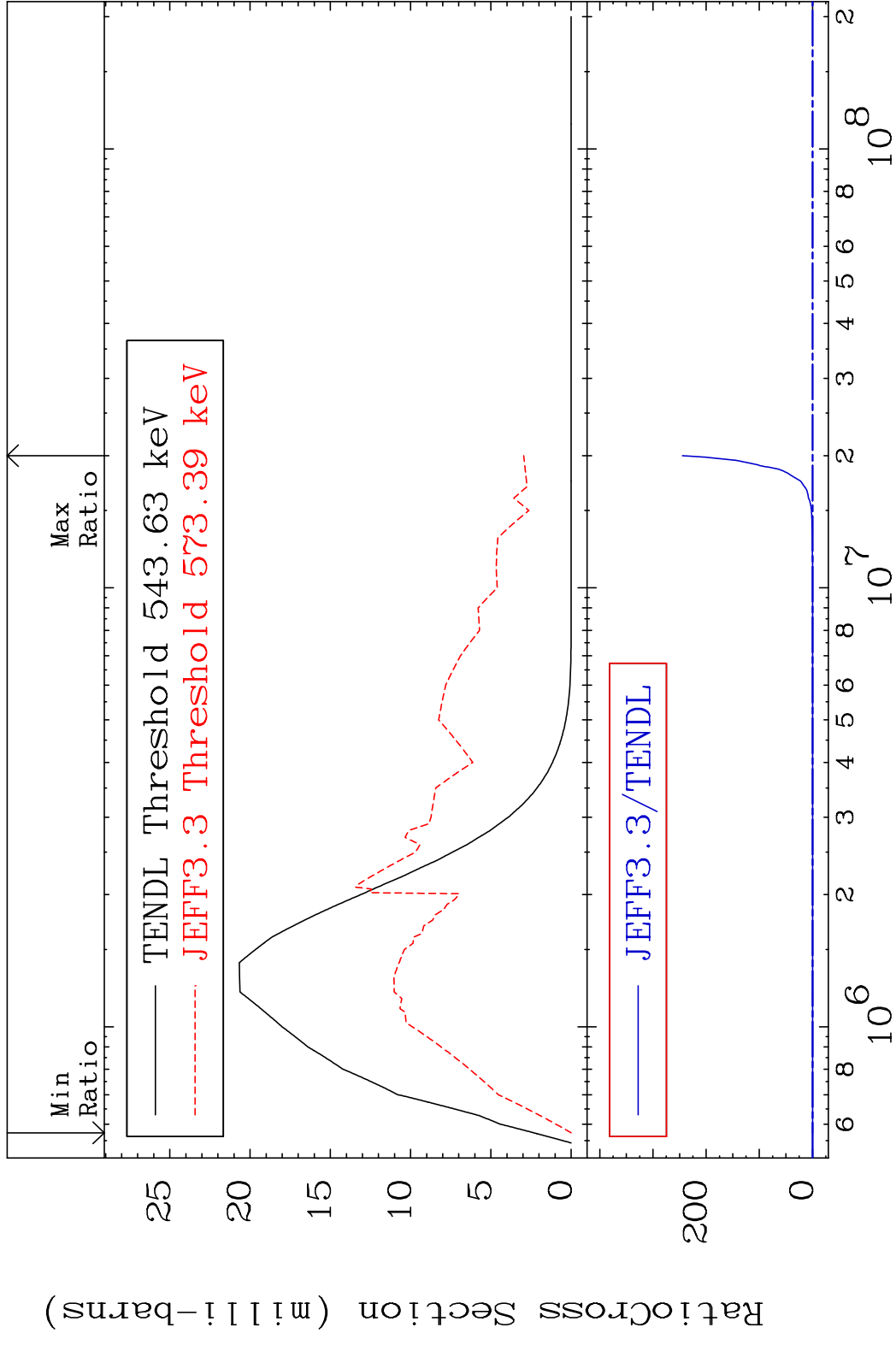


MAT 4853 MT= 61 (n, n') Level 48-Cd-115m  
 Cross Section -100.0 To 9999. %

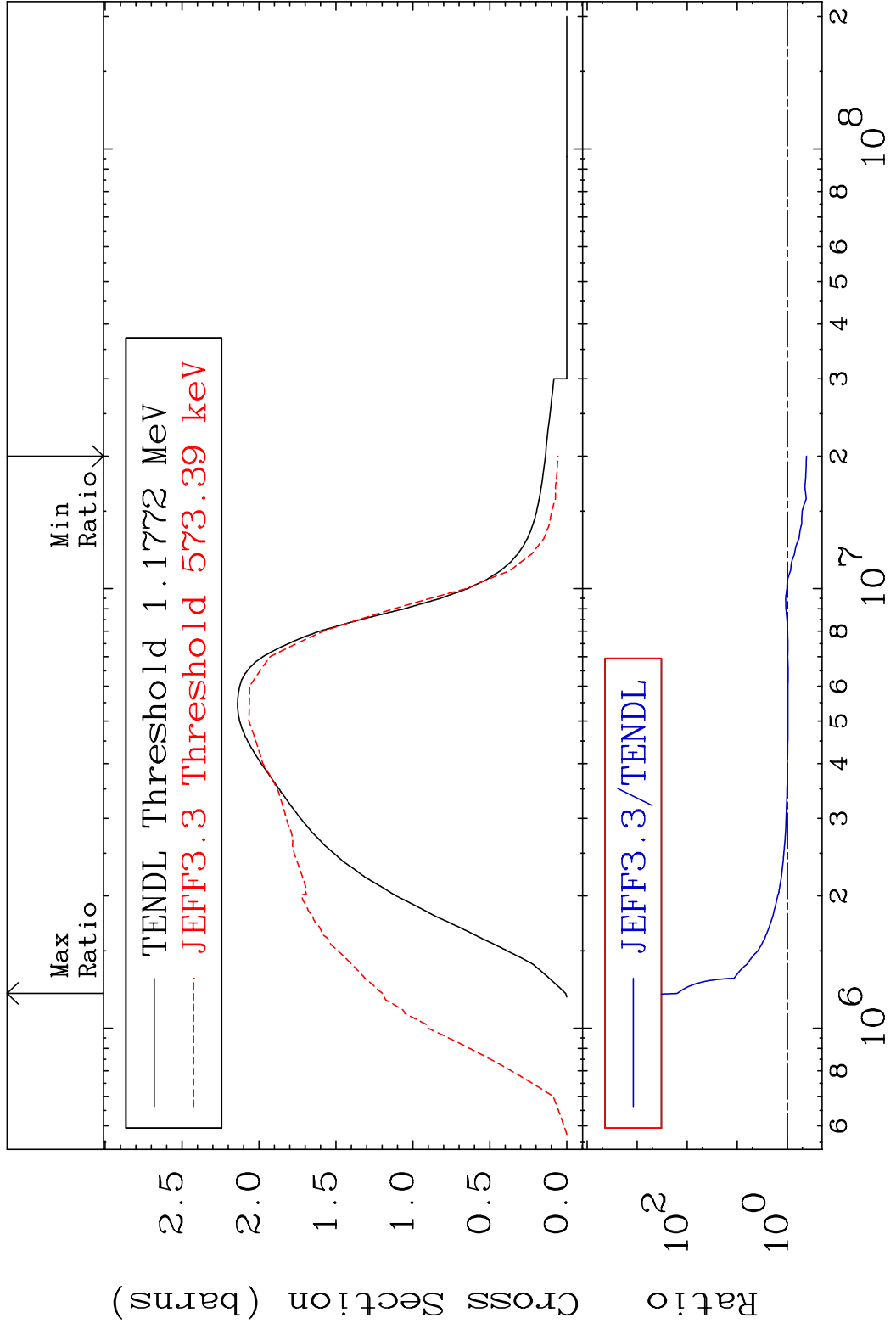


20 Incident Energy (eV) 48-Cd-115m

MAT 4853 MT= 62 (n, n') Level 48-Cd-115m  
 Cross Section -100.0 To 9999. %

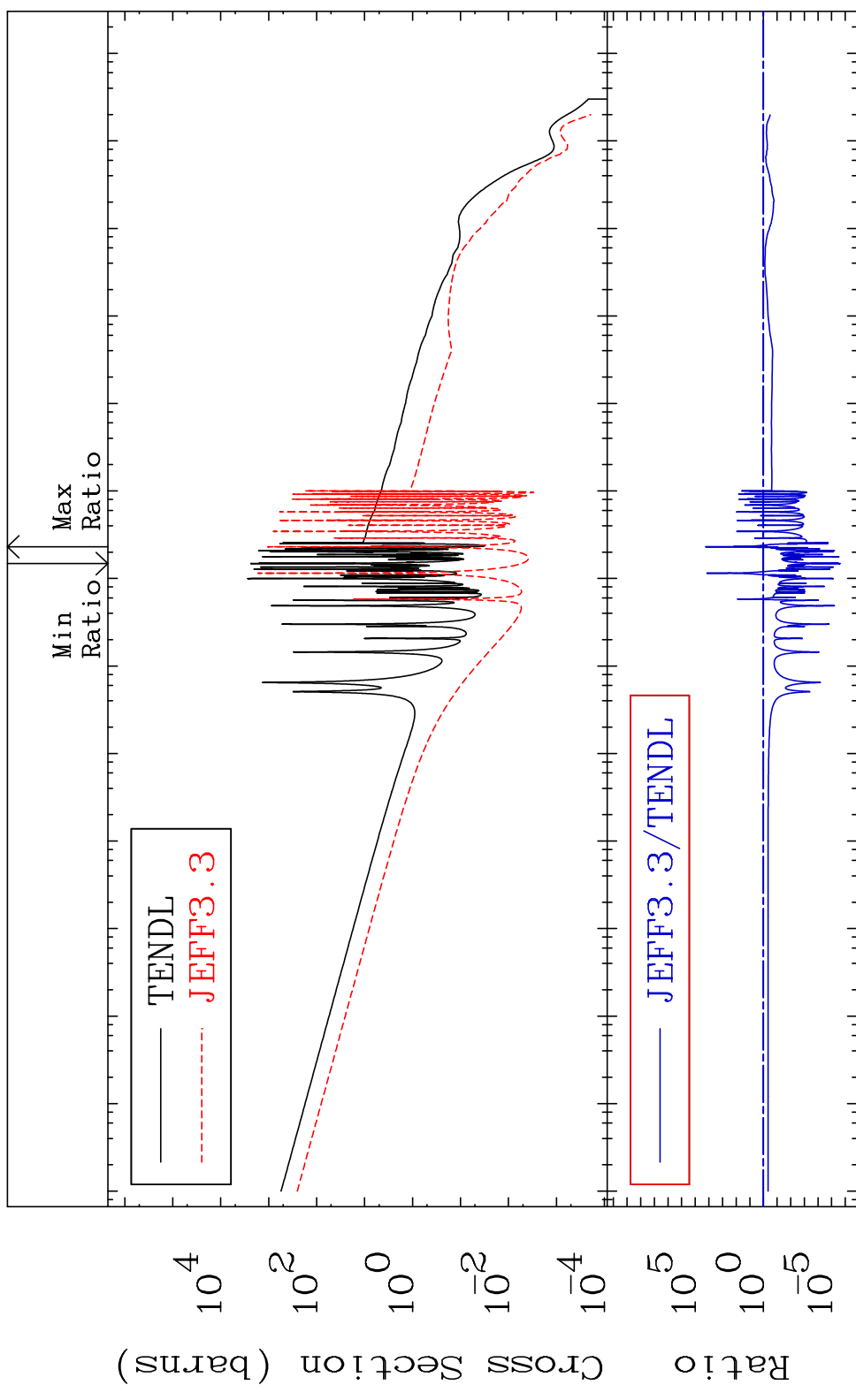


MAT 4853 (n,n') Continuum 48-Cd-115m  
 Cross Section -58.67 To 9999. %



MAT 4853

(n,  $\gamma$ )  
Cross Section -100.0 To 9999. %  
48-Cd-115m



23

Incident Energy (eV) 48-Cd-115m

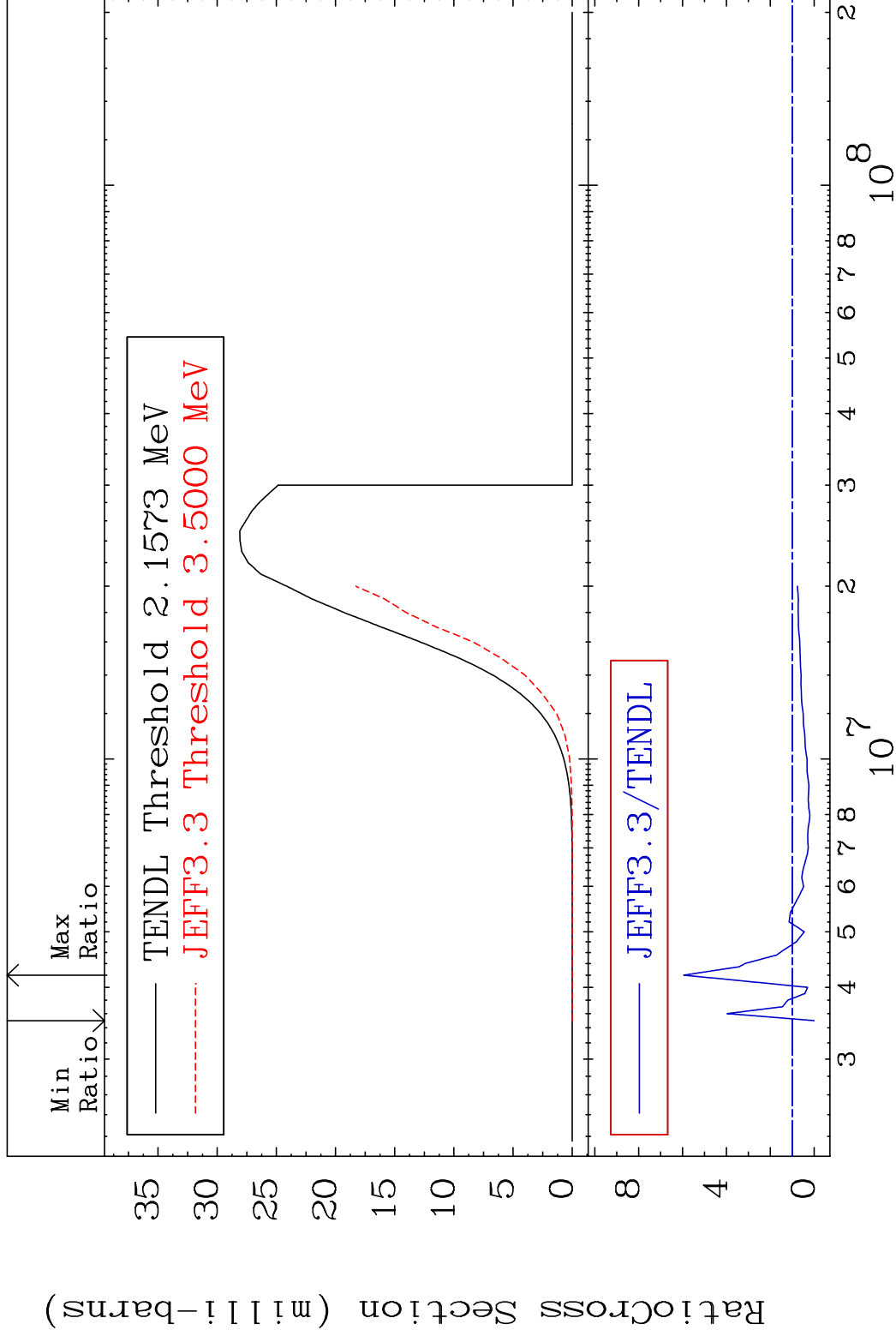


MAT 4853

(n, p)

48-Cd-115m

Cross Section -100.0 To 494.8 %



24

Incident Energy (eV)

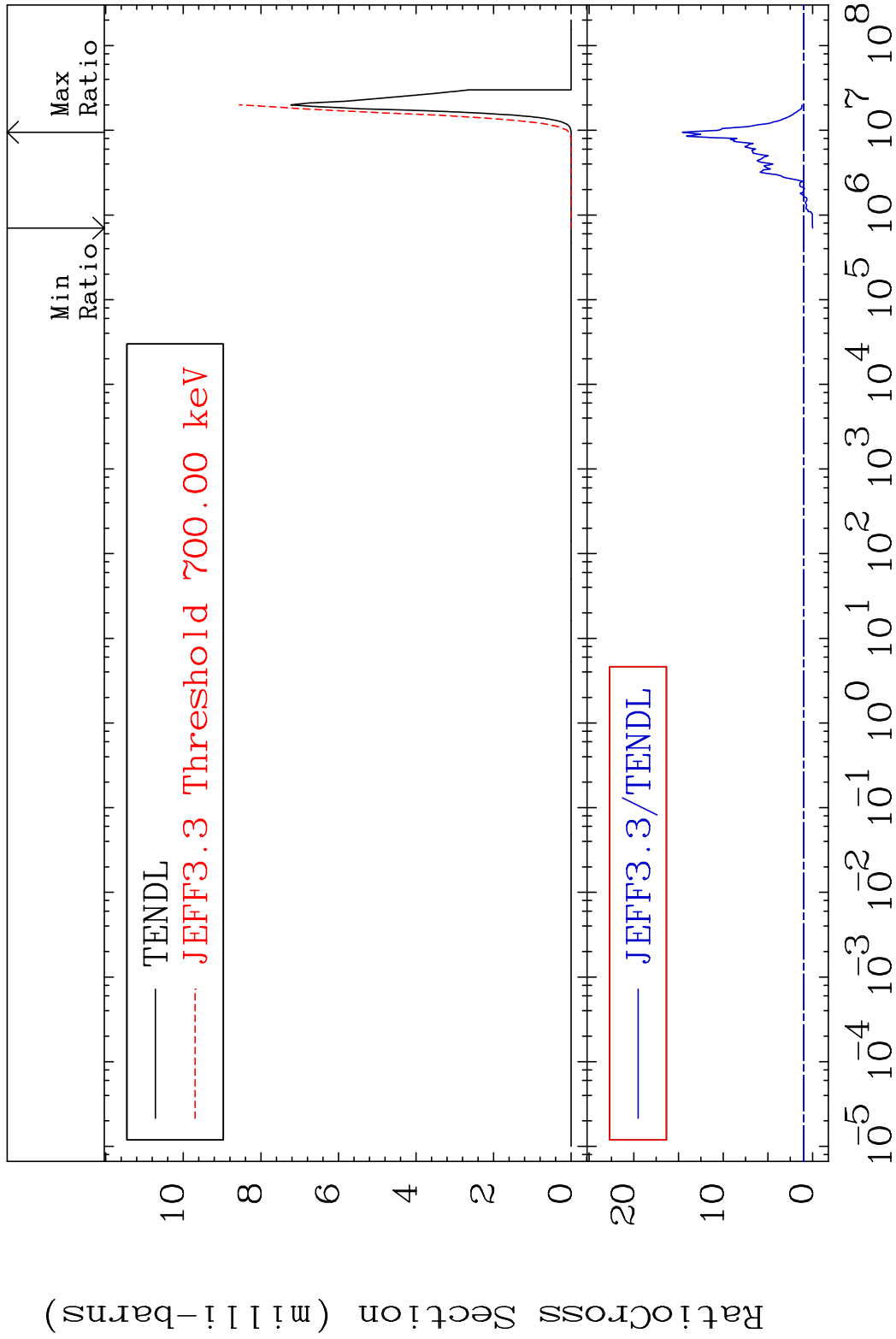
48-Cd-115m

MAT 4853

(n,  $\alpha$ )

48-Cd-115m

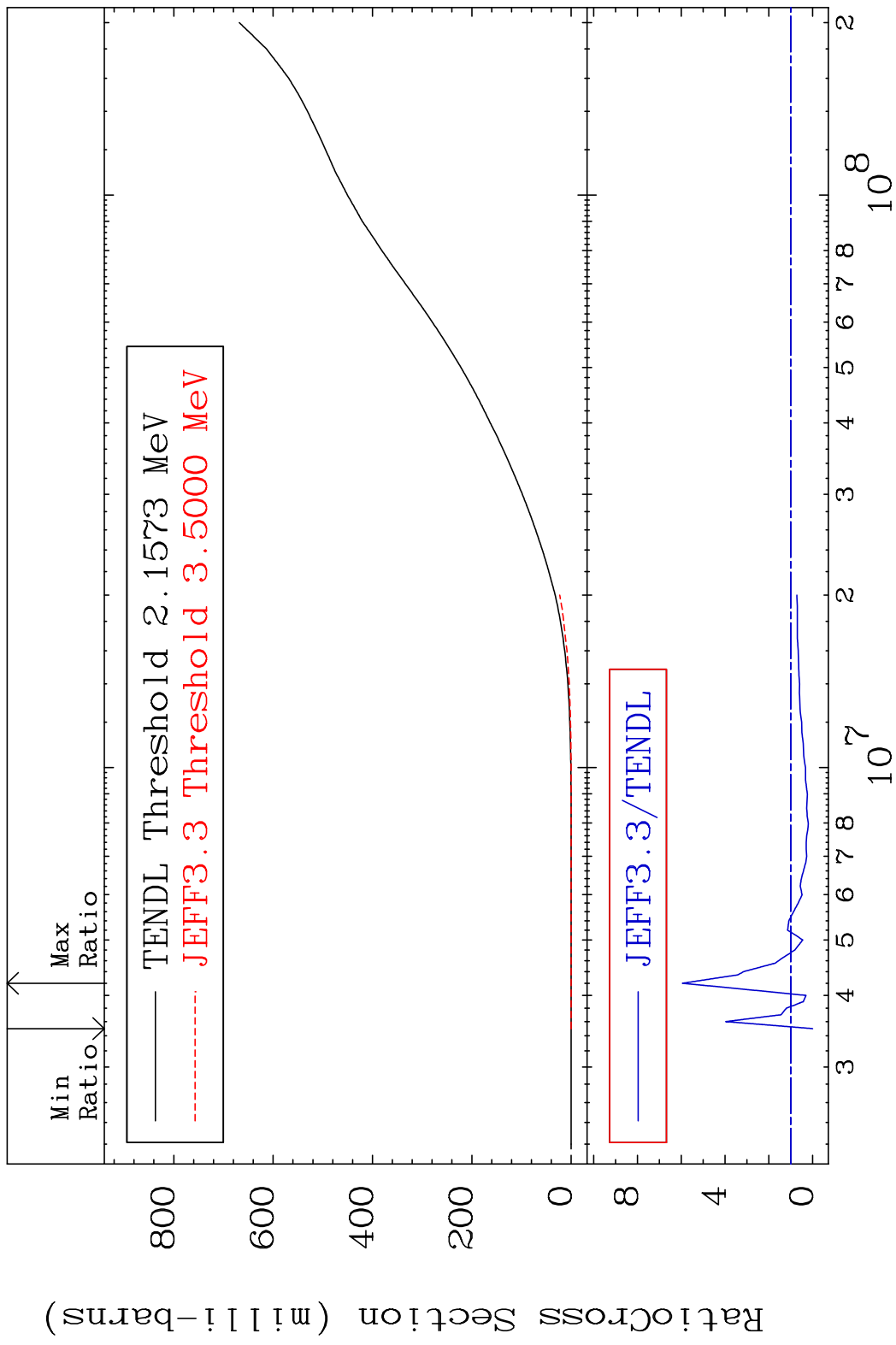
Cross Section -100.0 To 1357. %



25

48-Cd-115m

MAT 4853 Hydrogen Production 48-Cd-115m  
 Cross Section -100.0 To 494.8 %

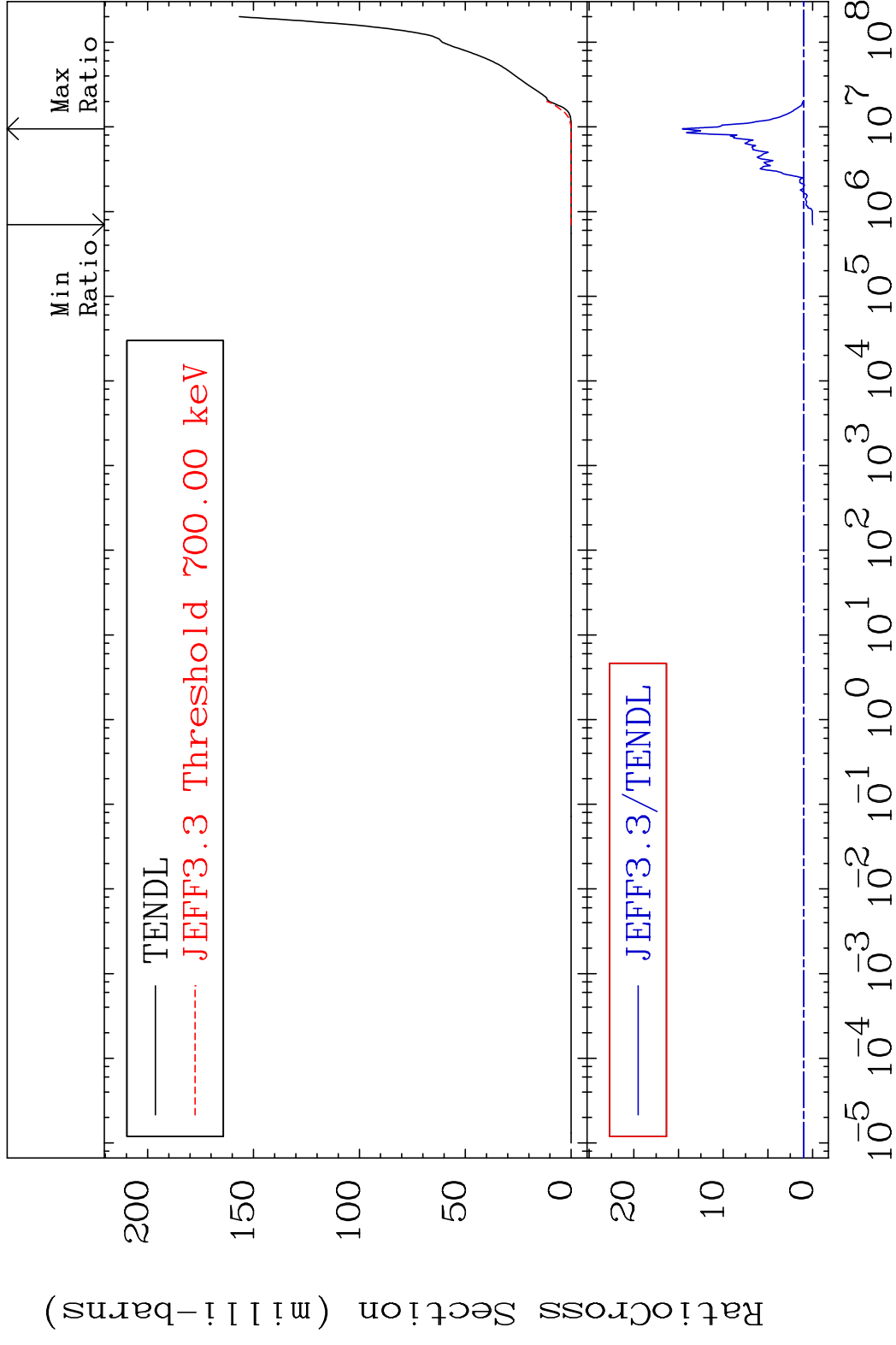


MAT 4853

He-4 Production

48-Cd-115m

Cross Section -100.0 To 1357. %

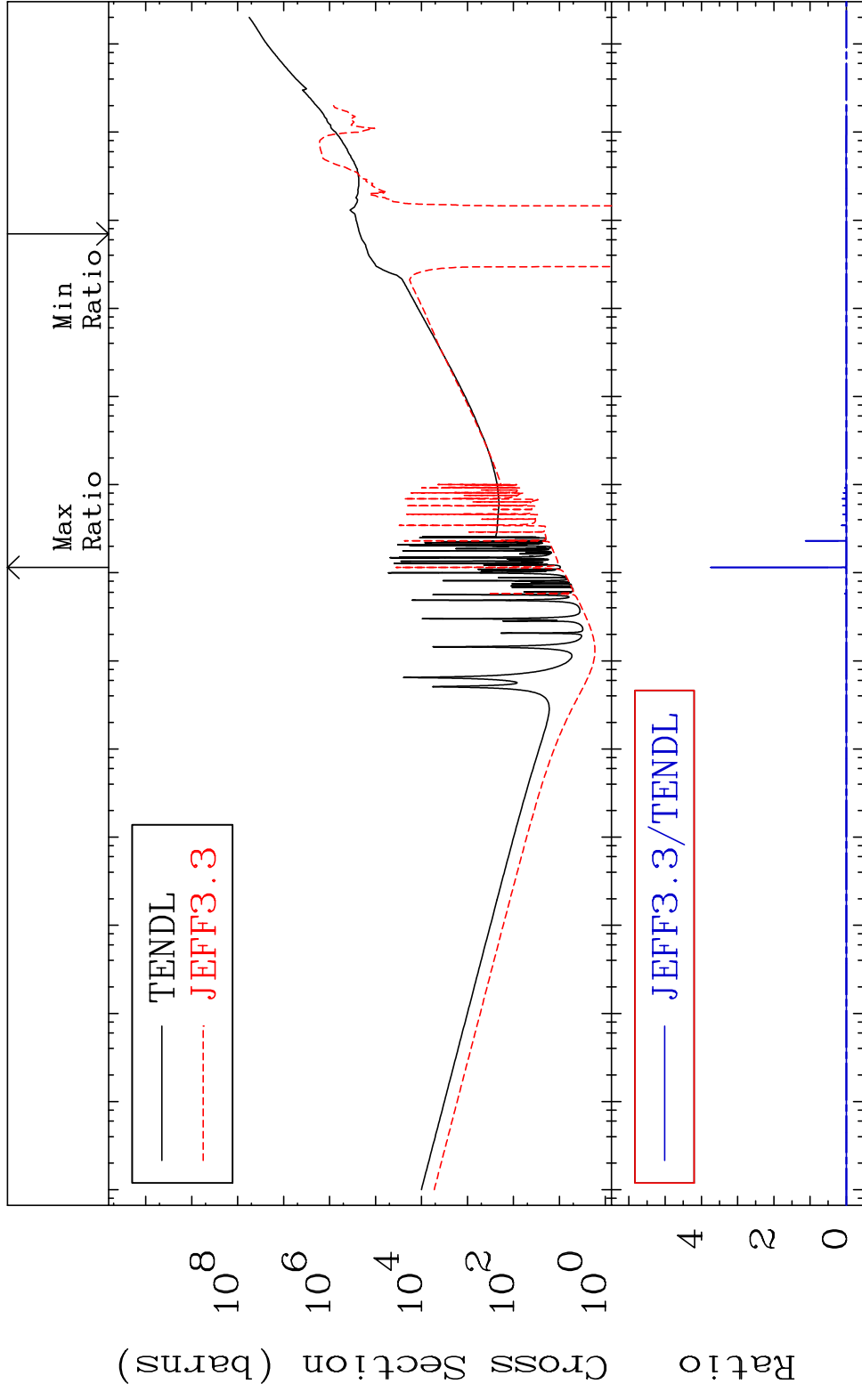


27

Incident Energy (eV)

48-Cd-115m

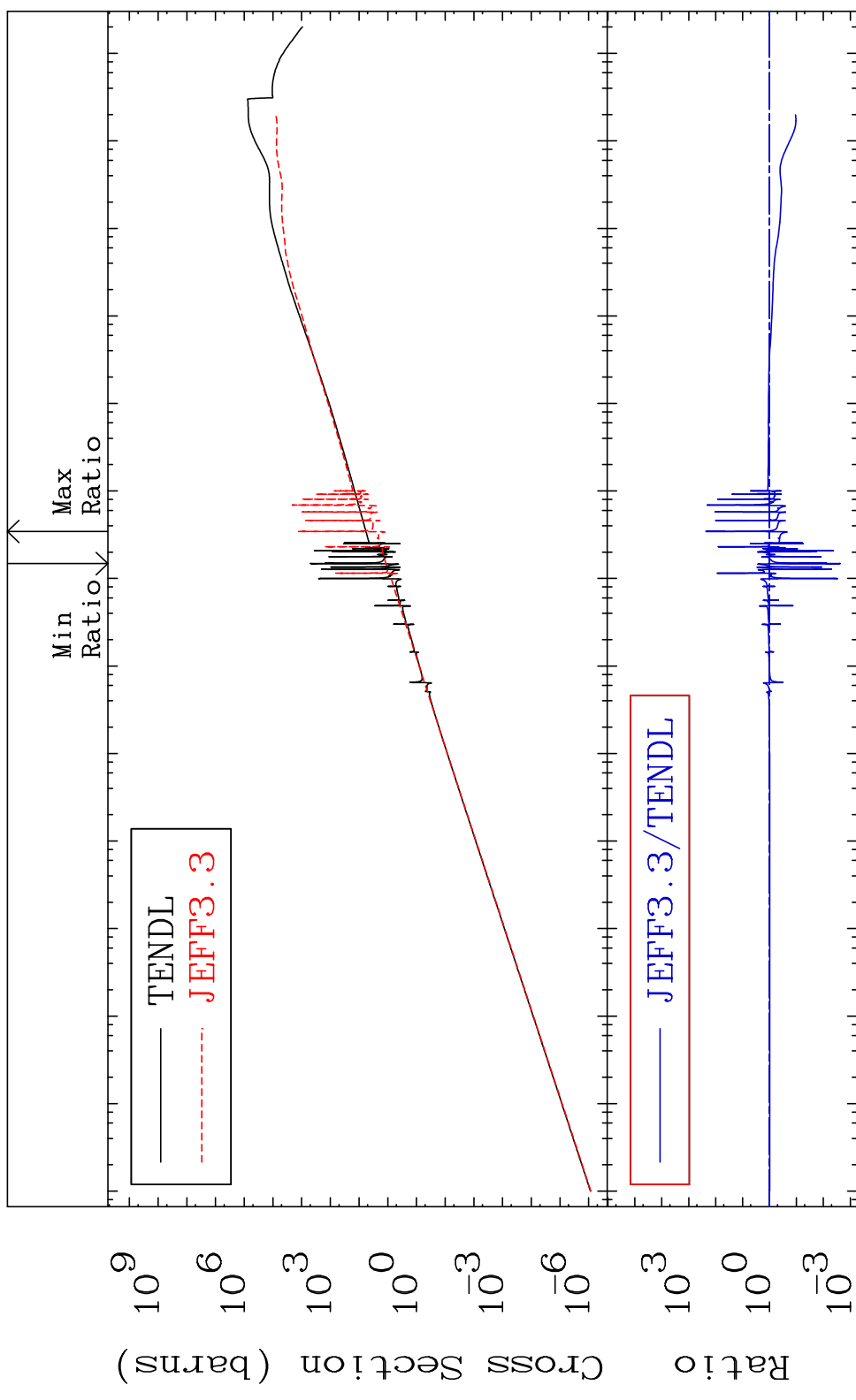
MAT 4853 Kerma total (eV-barns) 48-Cd-115m  
 Cross Section -153.6 To 9999. %



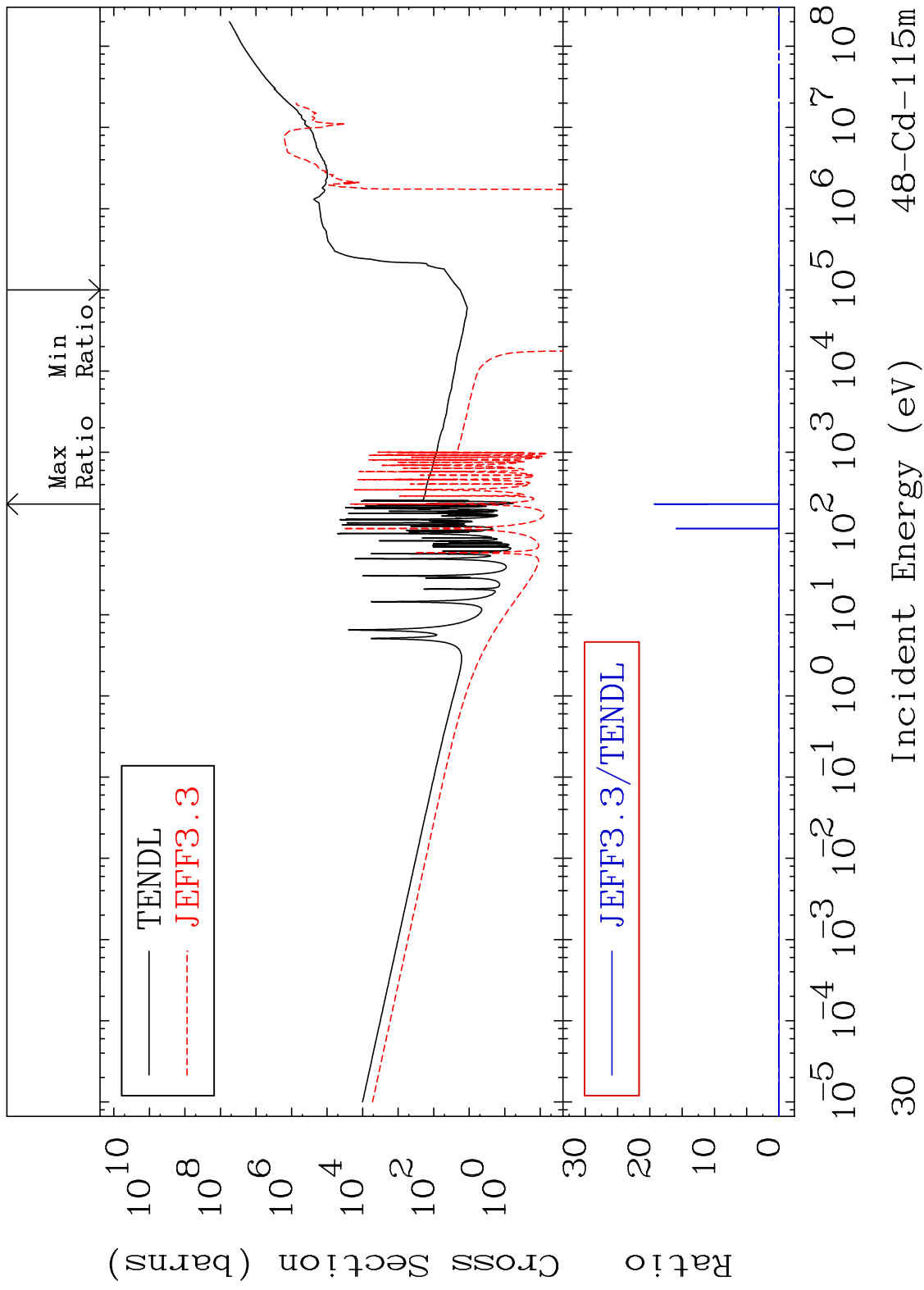
28 Incident Energy (eV) 48-Cd-115m

MAT 4853

Kerma elastic Cross Section -99.77 To 9999. %  
48-Cd-115m

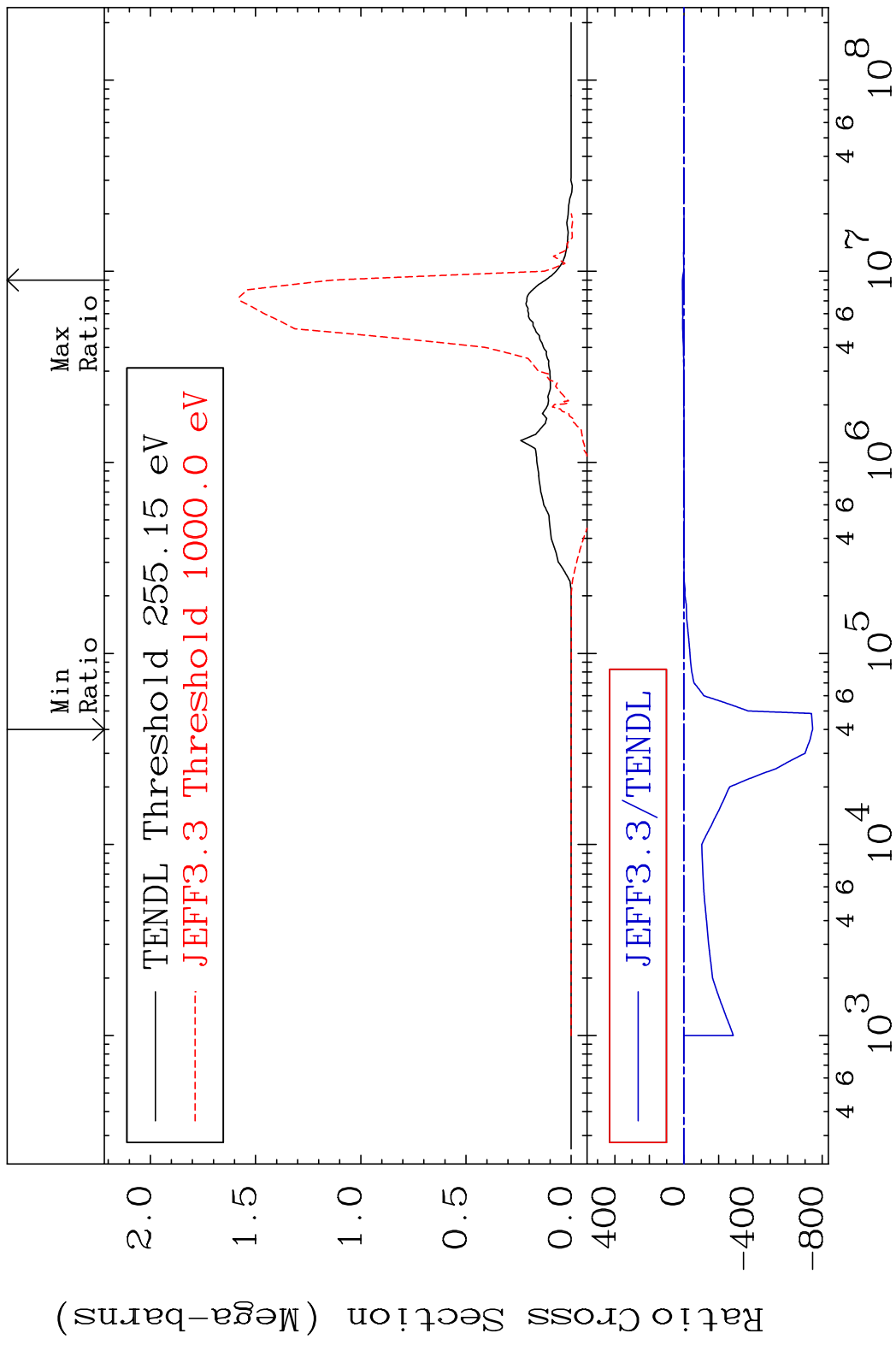


MAT 4853 Kerma non-elastic (all but mt2) 48-Cd-115m  
 Cross Section -2116. To 9999. %



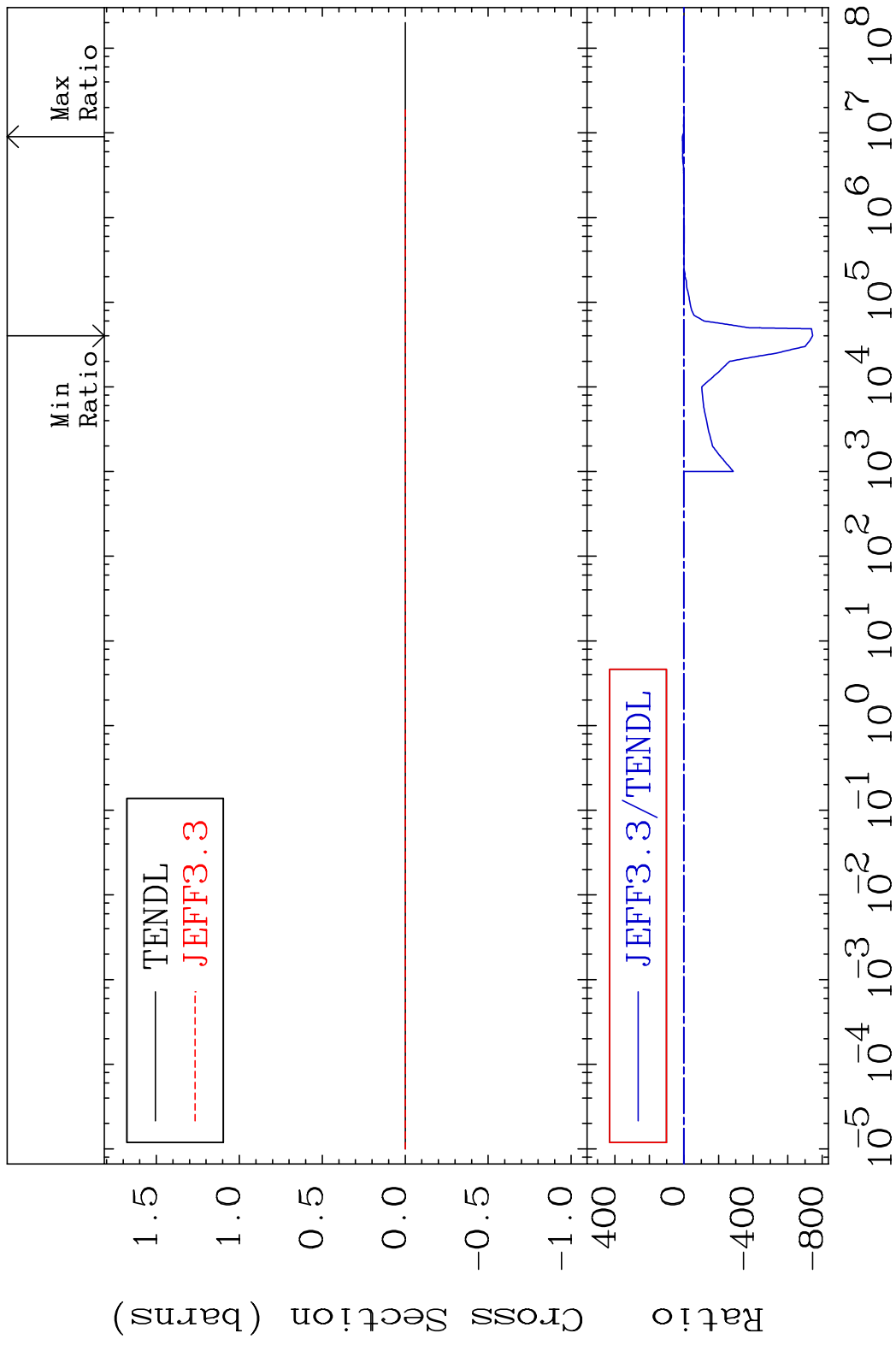
30 Incident Energy (eV) 48-Cd-115m

MAT 4853 Kerma inelastic (mt51-91) 48-Cd-115m  
 Cross Section -9999. To 828.0 %

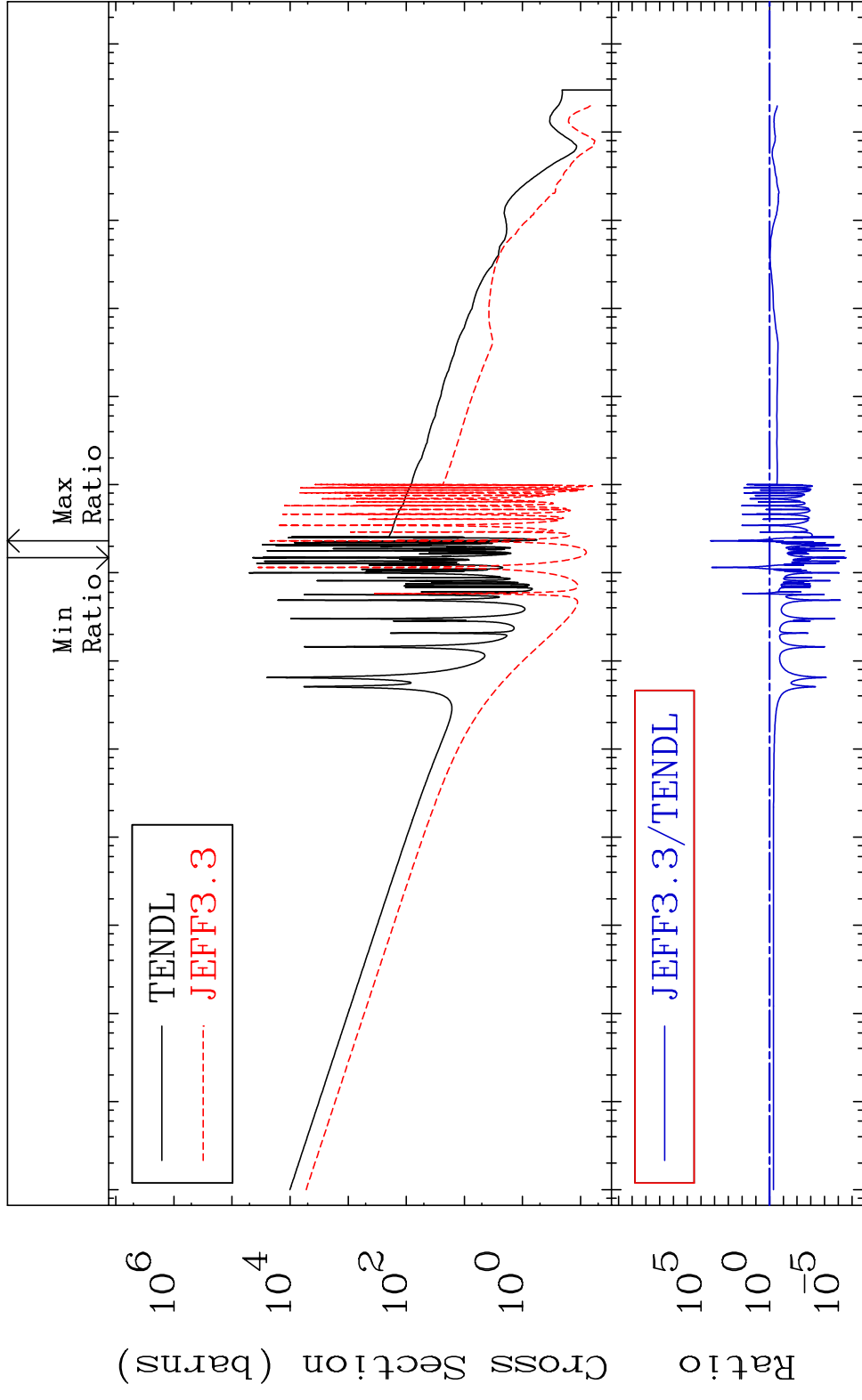




MAT 4853 Kerma fission (mt18 or mt19-20-21-38) Cd-115m  
 Cross Section -9999. To 828.0 %

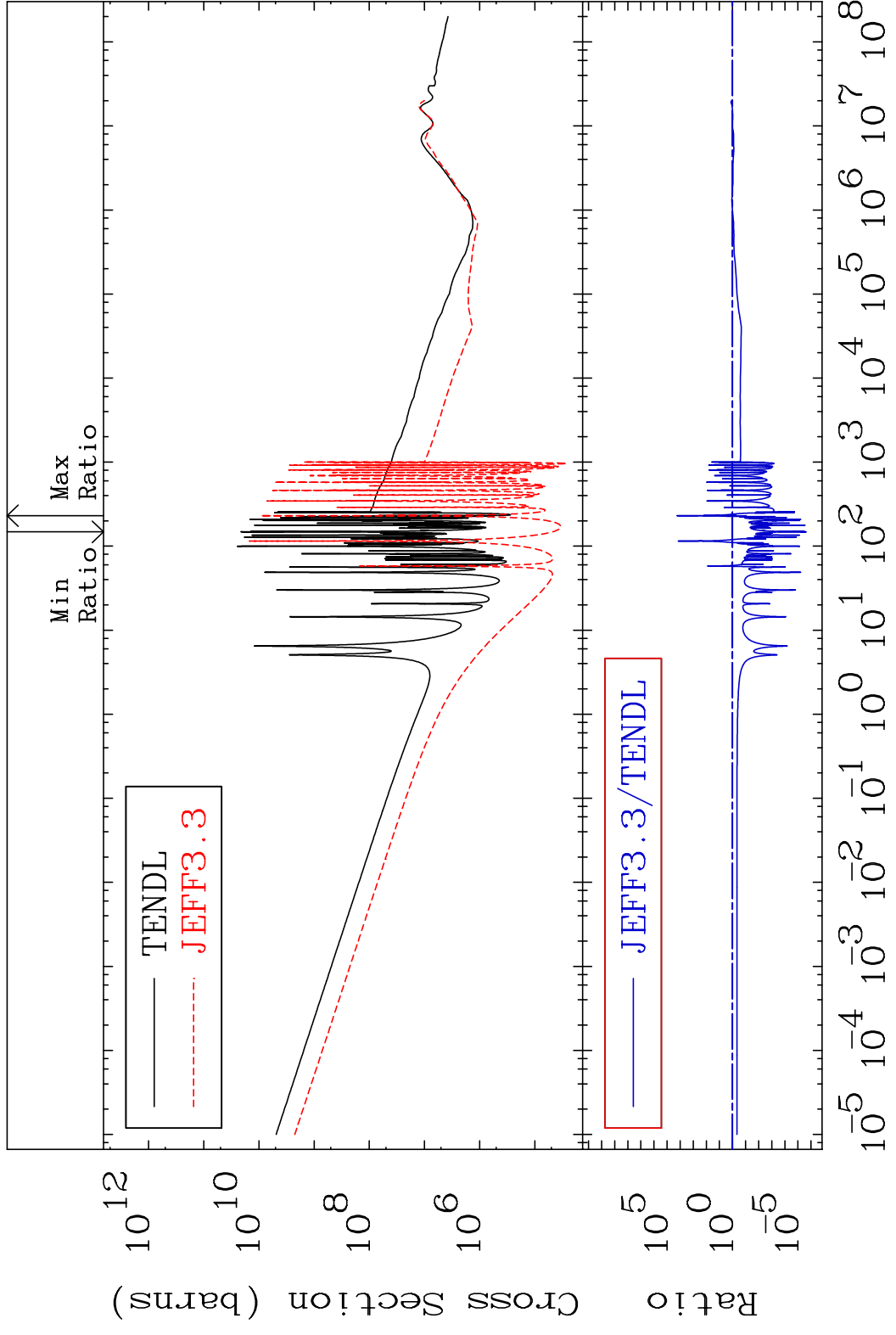


MAT 4853 Kerma capture (mt102) 48-Cd-115m  
 Cross Section -100.0 To 9999. %



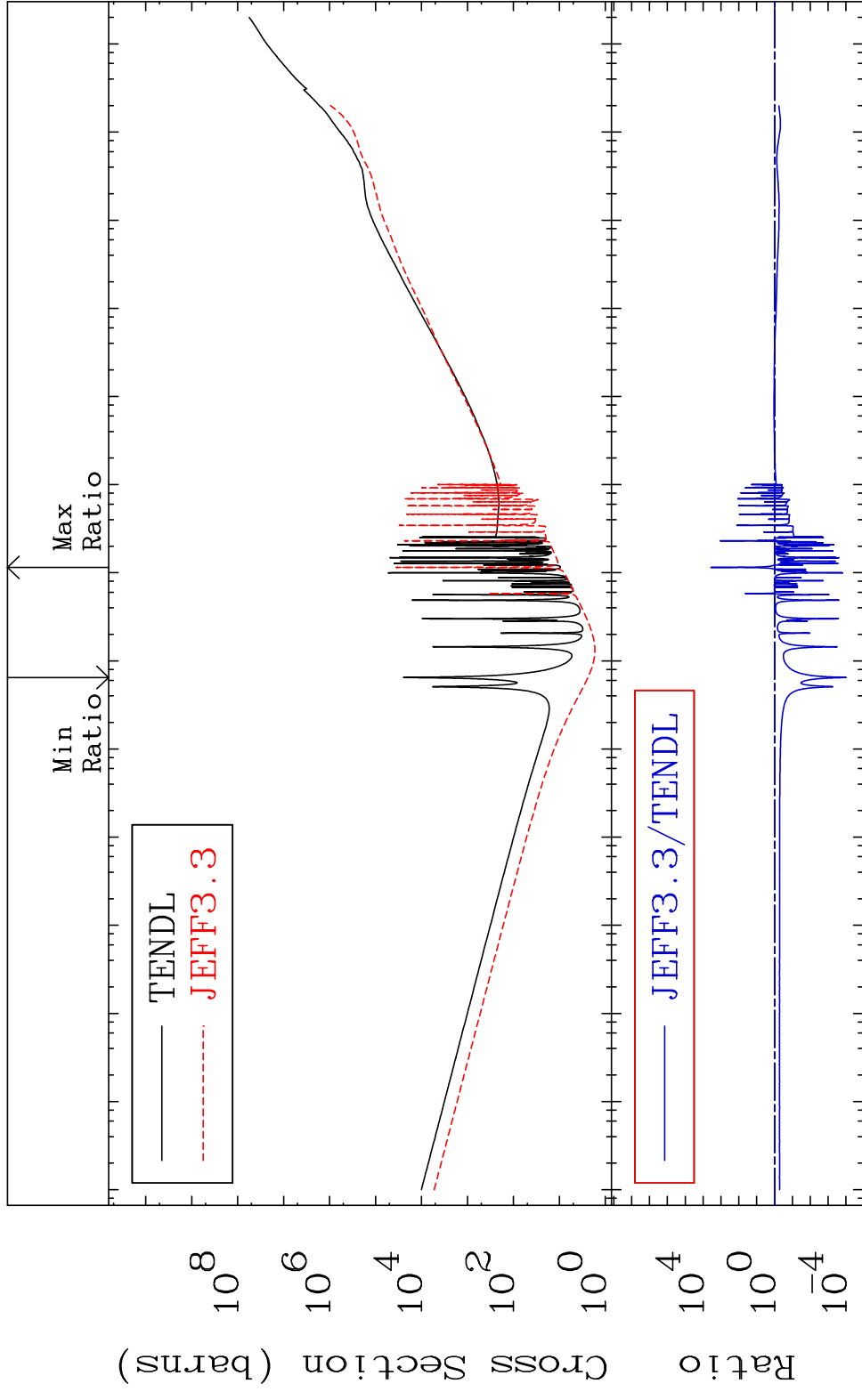
33 Incident Energy (eV) 48-Cd-115m

MAT 4853 Total photon (eV-barns) 48-Cd-115m  
 Cross Section -100.0 To 9999. %



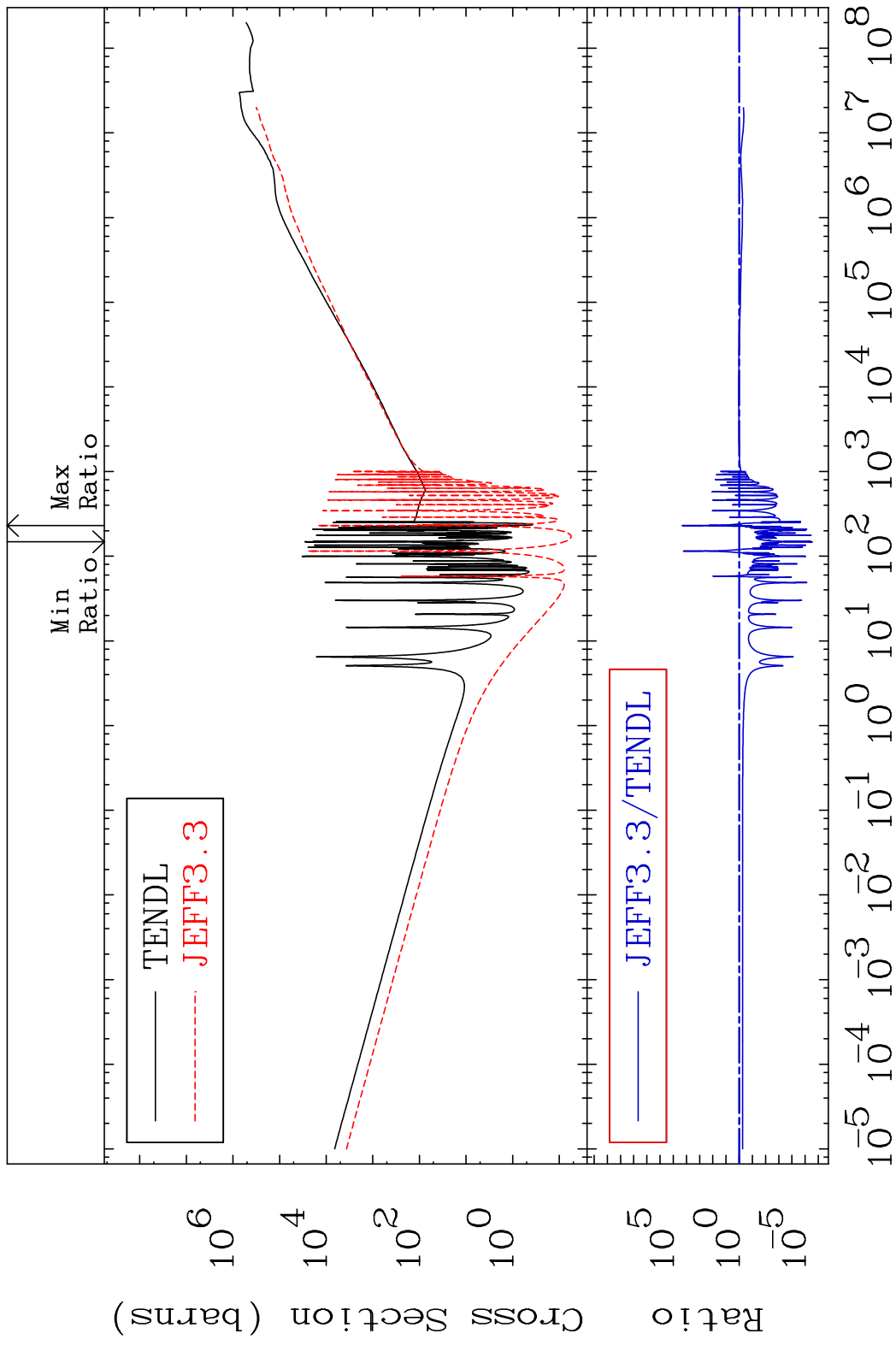
34 Incident Energy (eV) 48-Cd-115m

MAT 4853 Total kinematic kerma (high limit)48-Cd-115m  
 Cross Section -99.99 To 9999. %



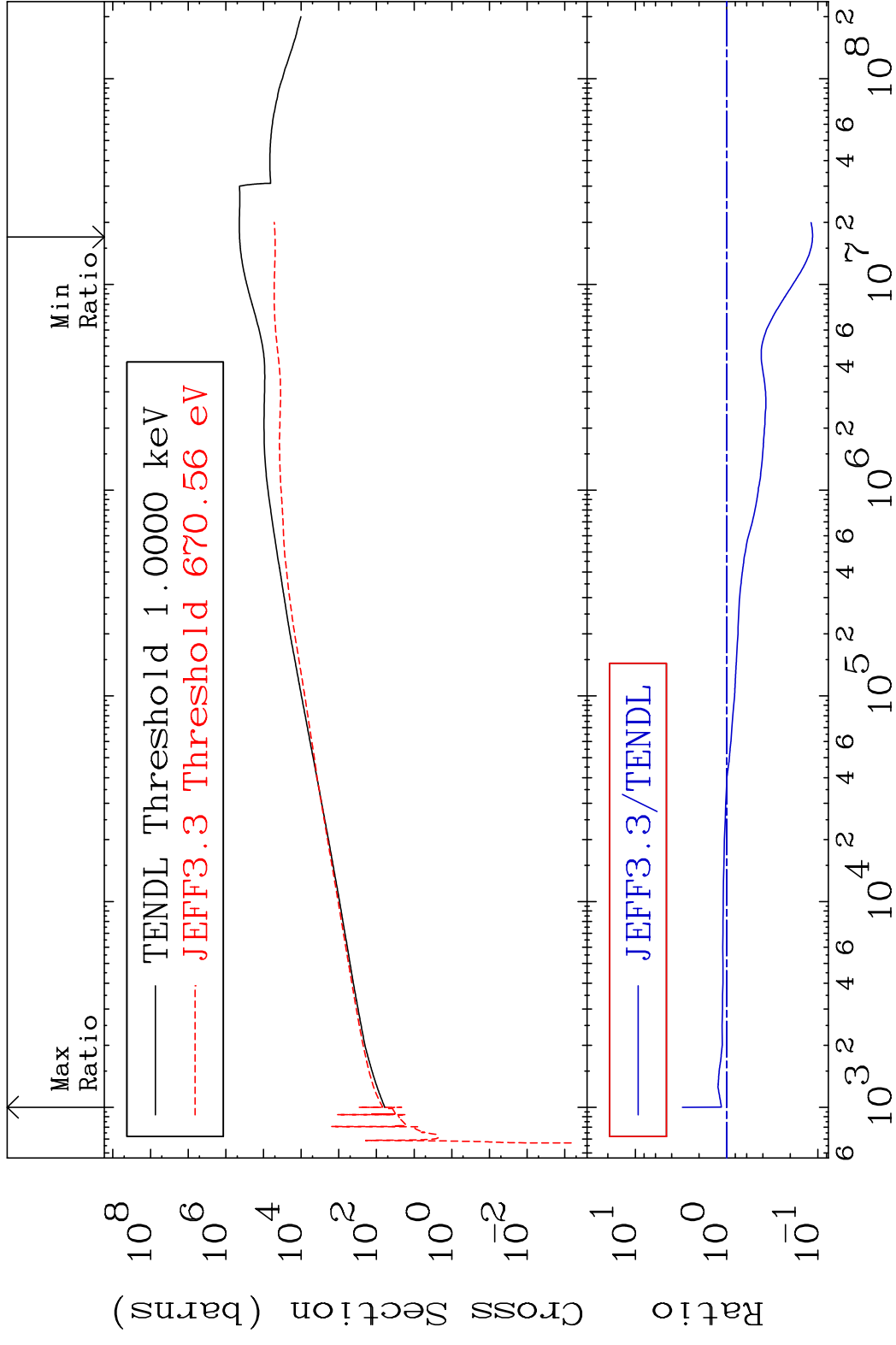
35 Incident Energy (eV) 48-Cd-115m

MAT 4853      Dpa total (eV-barns)      48-Cd-115m  
 Cross Section      -100.0 To 9999.      %

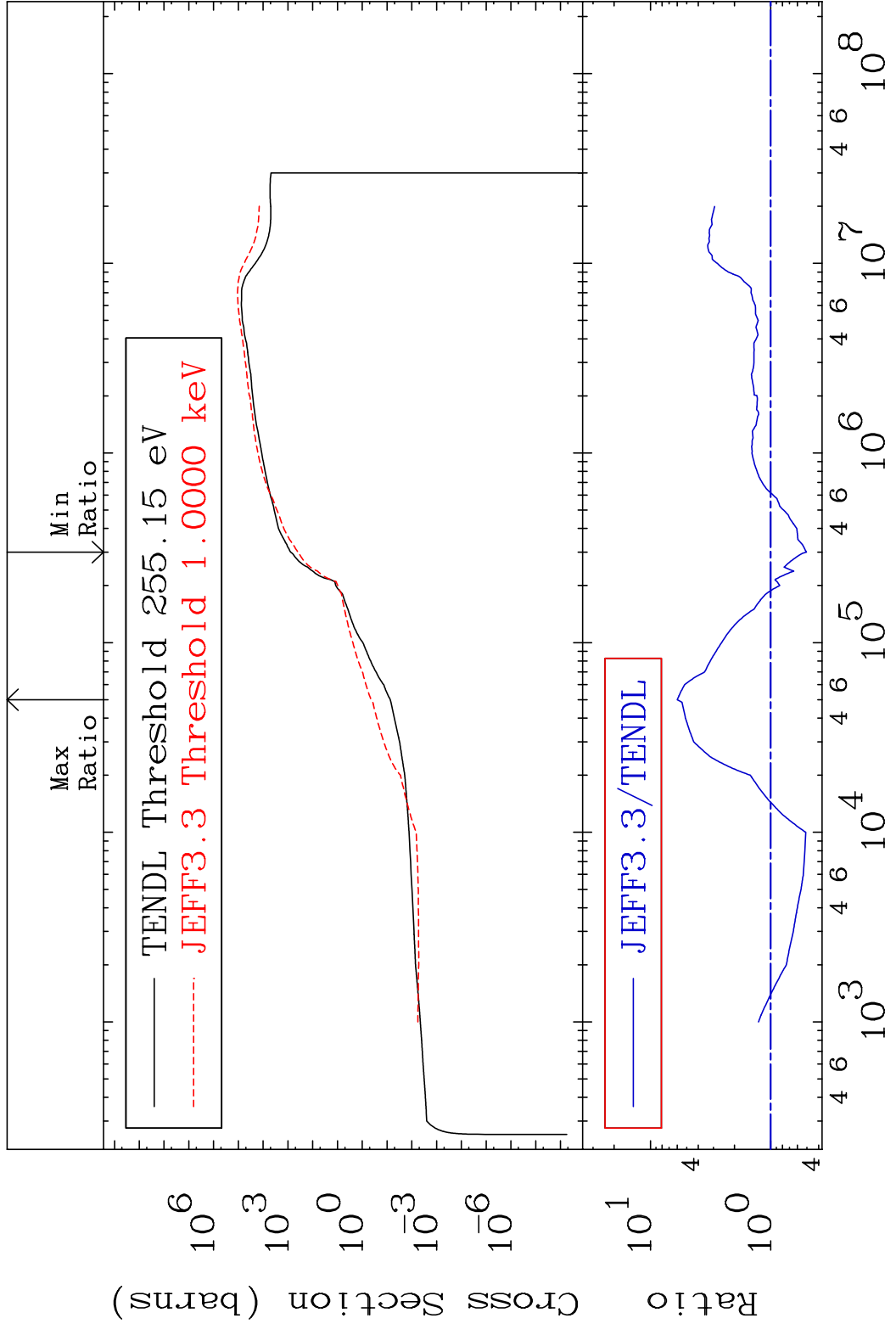


36      Incident Energy (eV)      48-Cd-115m

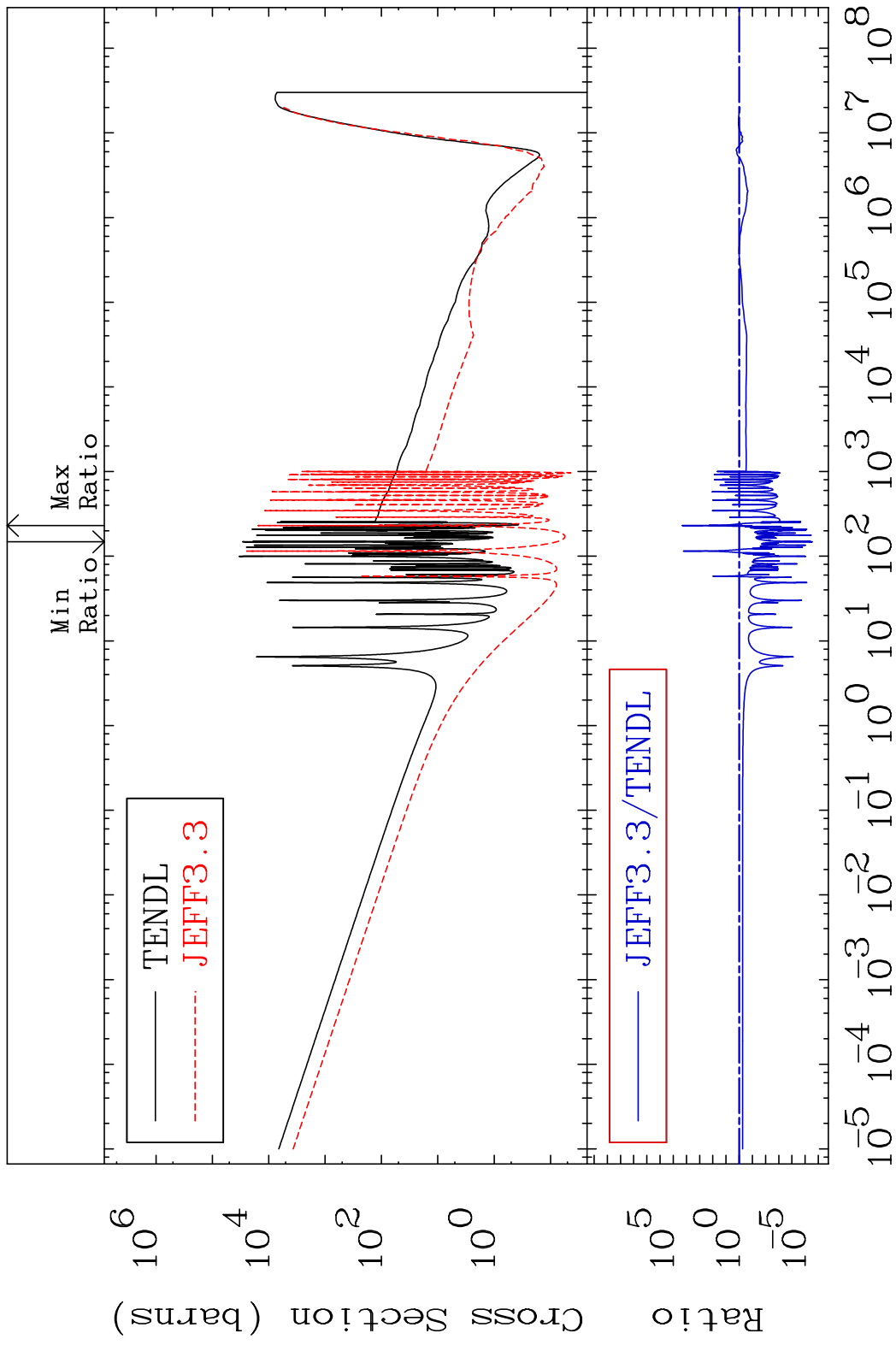
MAT 4853      Dpa elastic (mt2)      48-Cd-115m  
 Cross Section      -88.59 To 205.2 %



MAT 4853 Dpa inelastic (mt51-91) 48-Cd-115m  
 Cross Section -49.42 To 499.1 %



MAT 4853 Dpa disappearance (mt102 -120) 48-Cd-115m  
 Cross Section -100.0 To 9999. %



39 Incident Energy (eV) 48-Cd-115m