

Program Complot  
(Version 2021-1)

by

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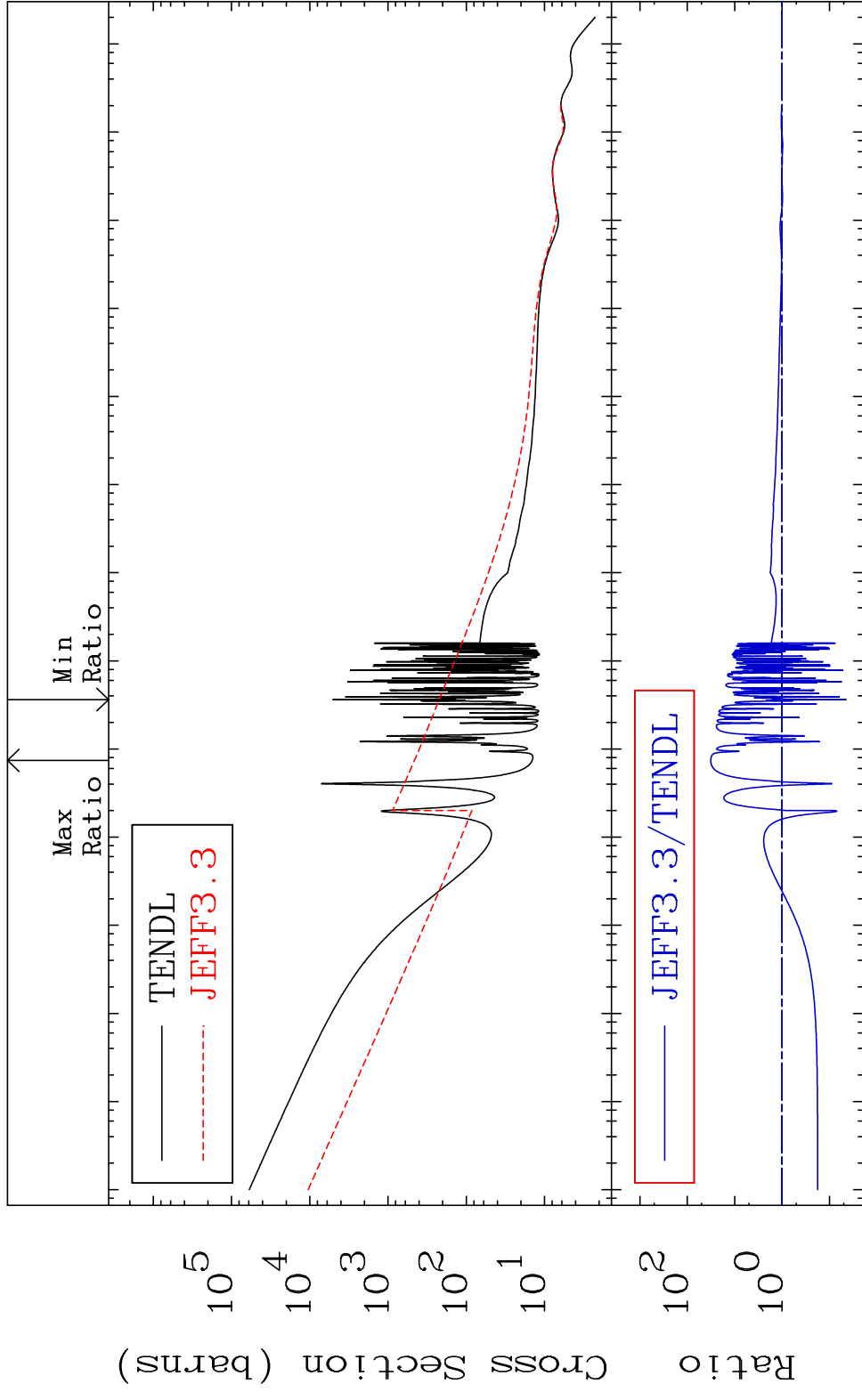
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9340

Total  
Cross Section -95.61 To 3103. %

93-Np-235



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>8</sup> 10<sup>7</sup> 10<sup>6</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>

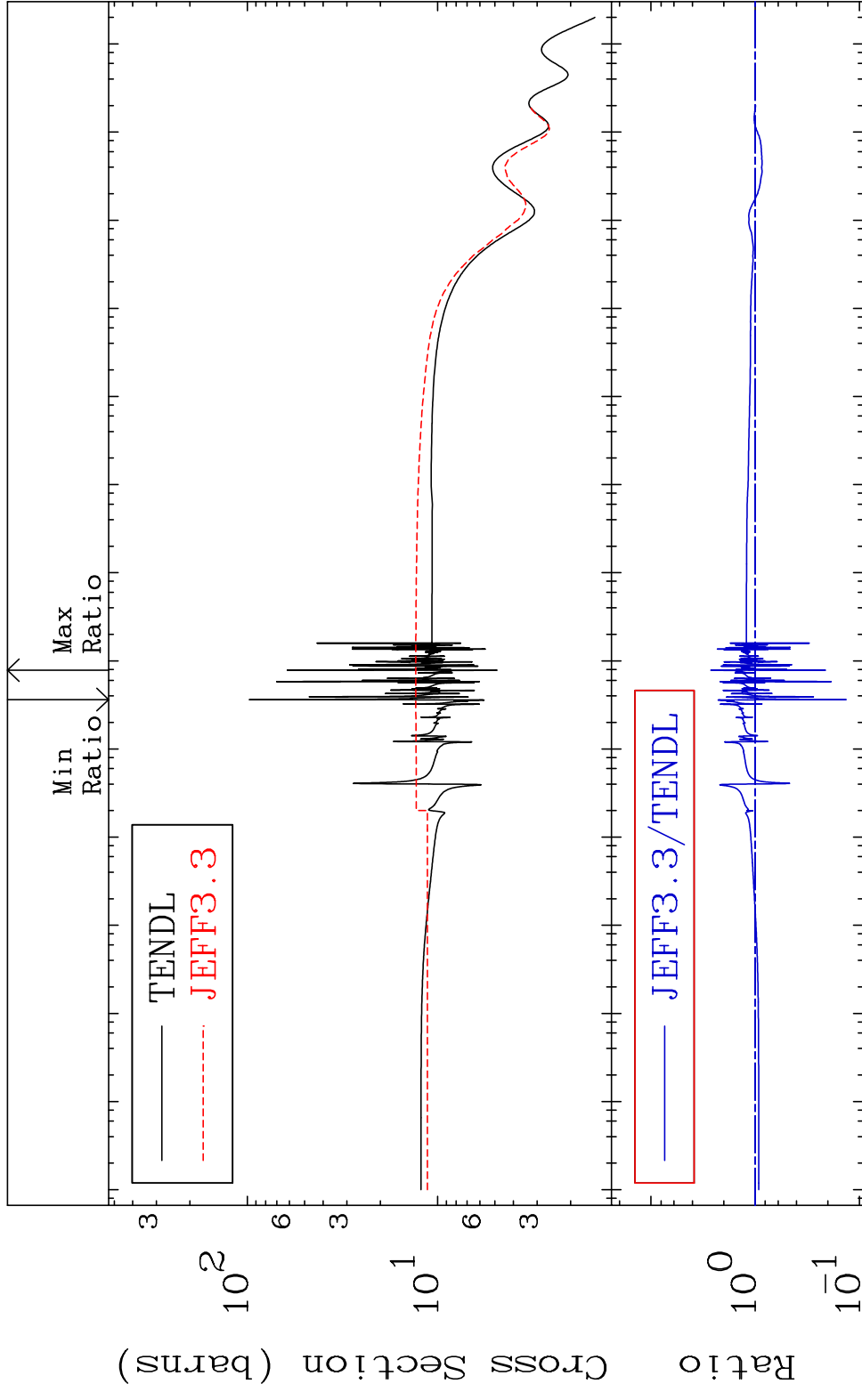
1 Incident Energy (eV) 93-Np-235

MAT 9340

Elastic

93-Np-235

Cross Section -86.67 To 166.8 %

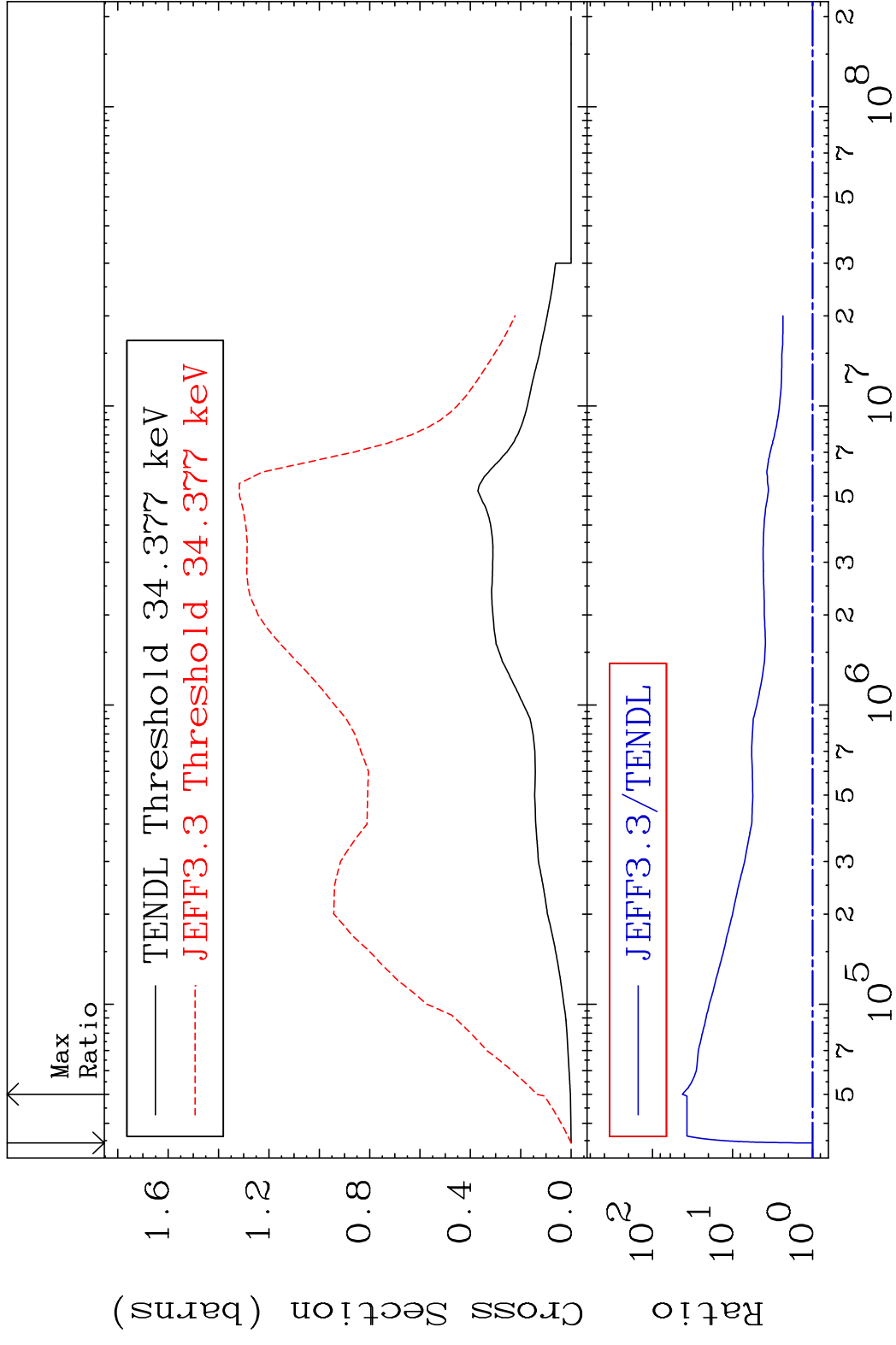


2

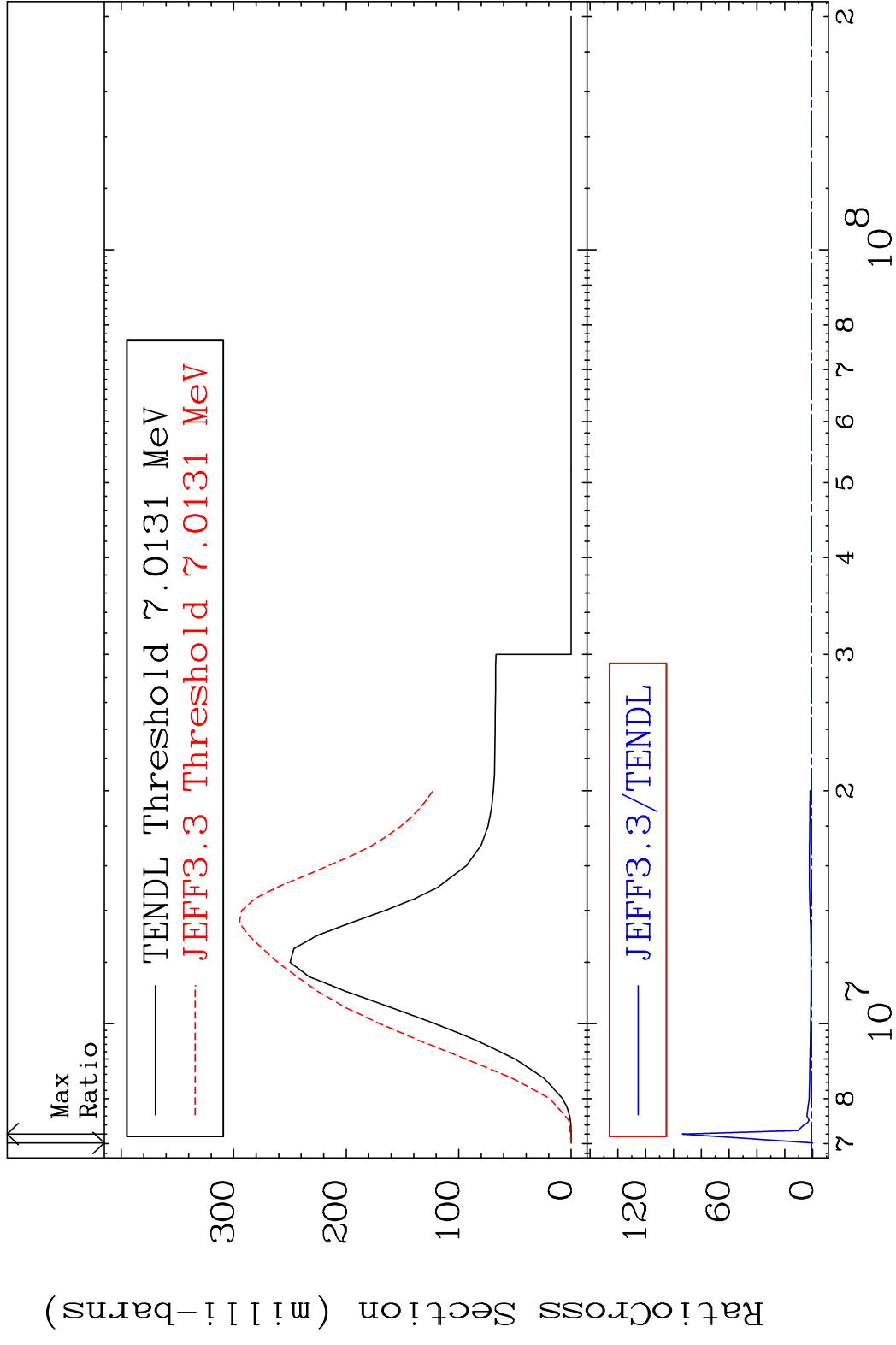
Incident Energy (eV)

93-Np-235

MAT 9340 Inelastic 93-Np-235  
 Cross Section 0.000 To 4141. %



MAT 9340 (n,2n) 93-Np-235  
 Cross Section -100.0 To 9263. %



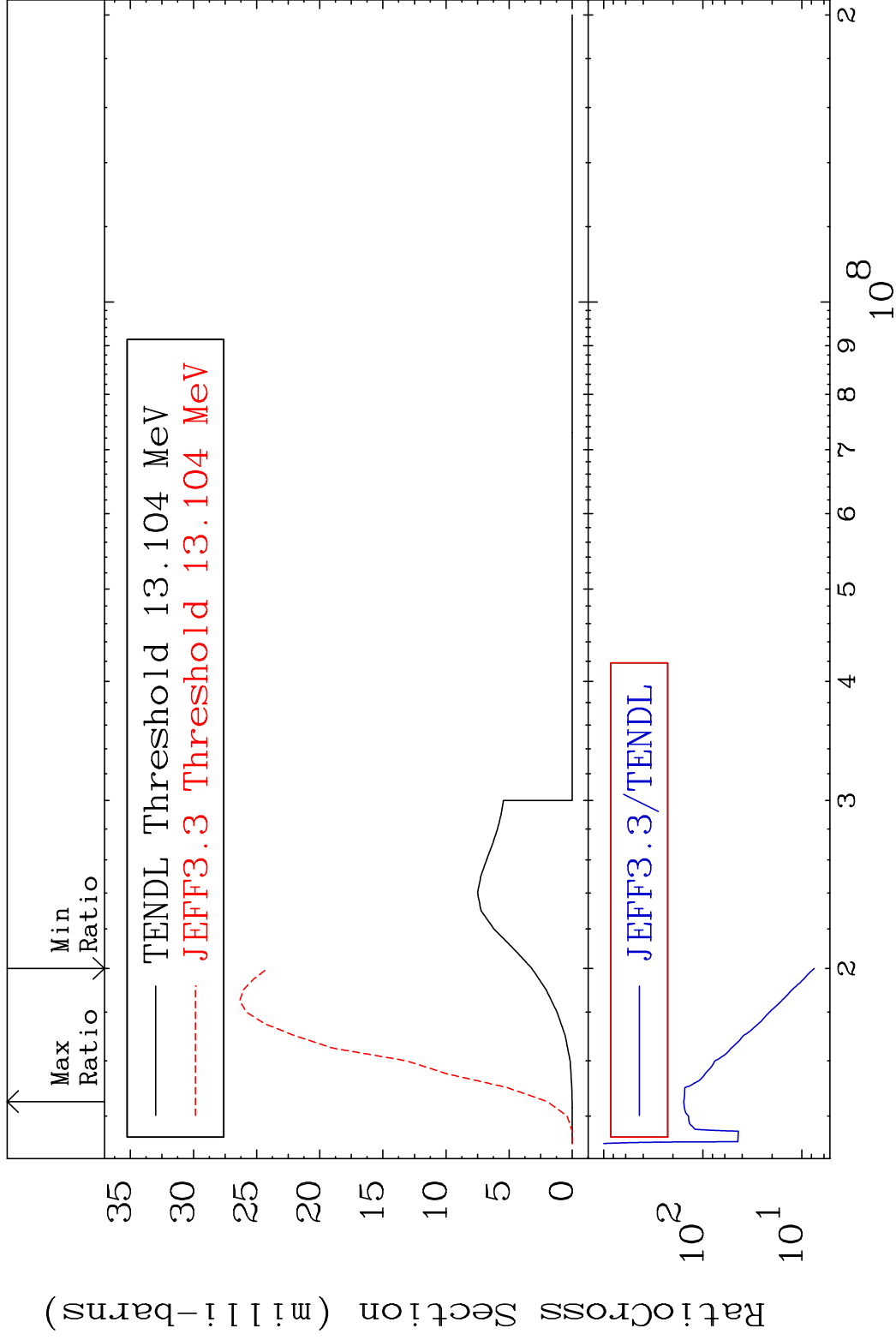
4 7 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2 93-Np-235

MAT 9340

(n,3n)

93-Np-235

Cross Section 652.9 To 9999. %



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Incident Energy (eV)

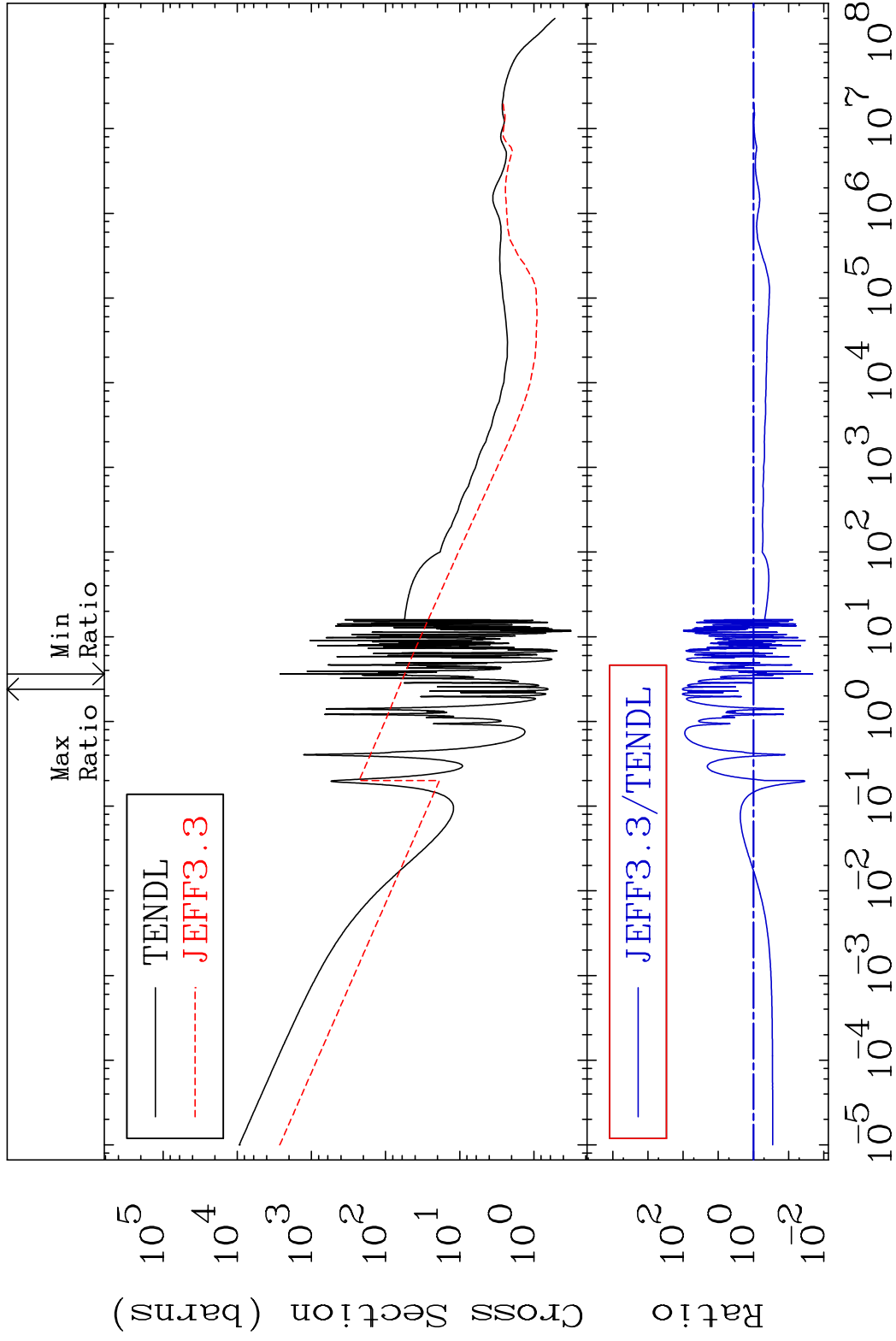
93-Np-235

MAT 9340

Fission

93-Np-235

Cross Section -97.91 To 9999. %

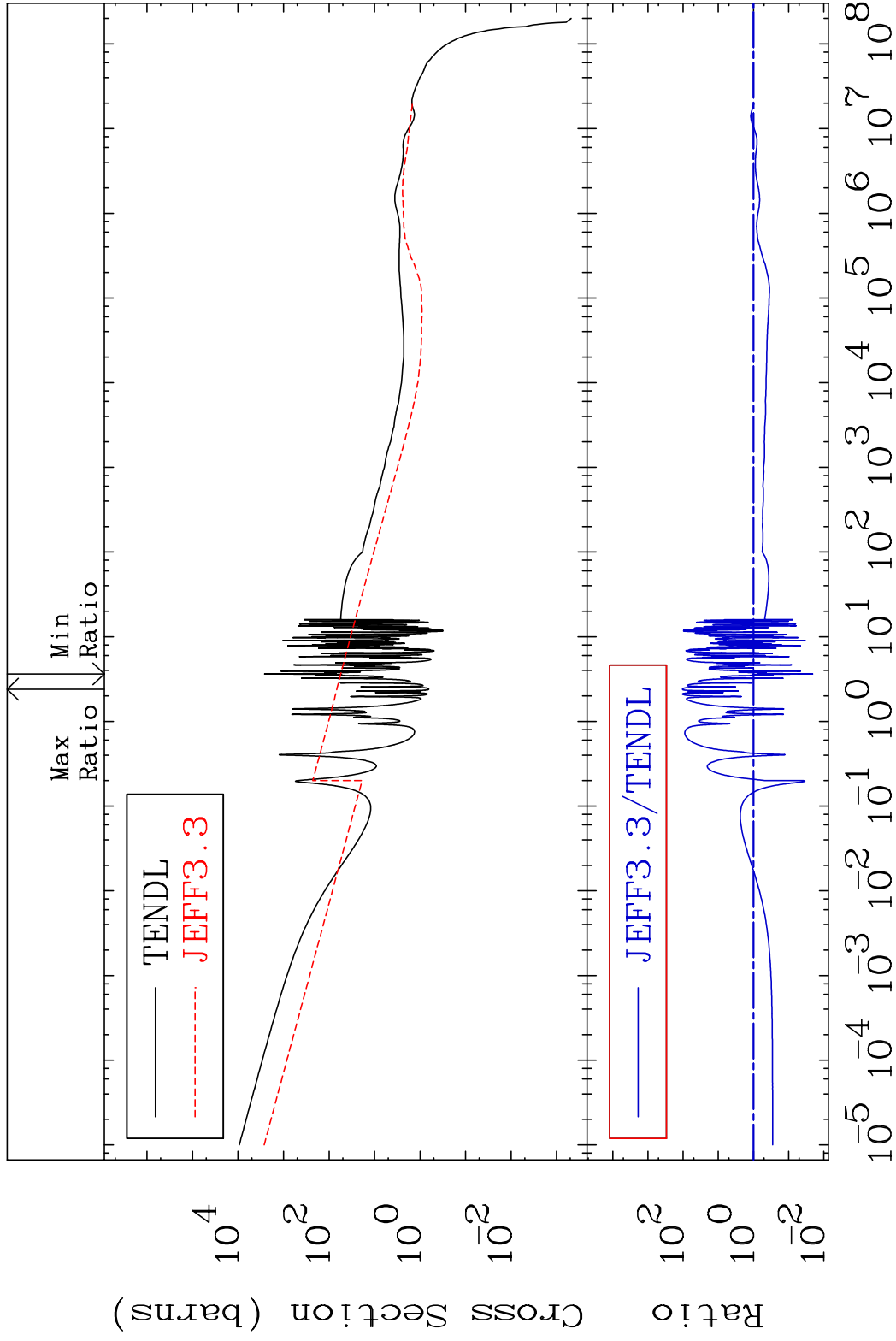


MAT 9340

(n,f) First Chance

93-Np-235

Cross Section -97.91 To 9999. %

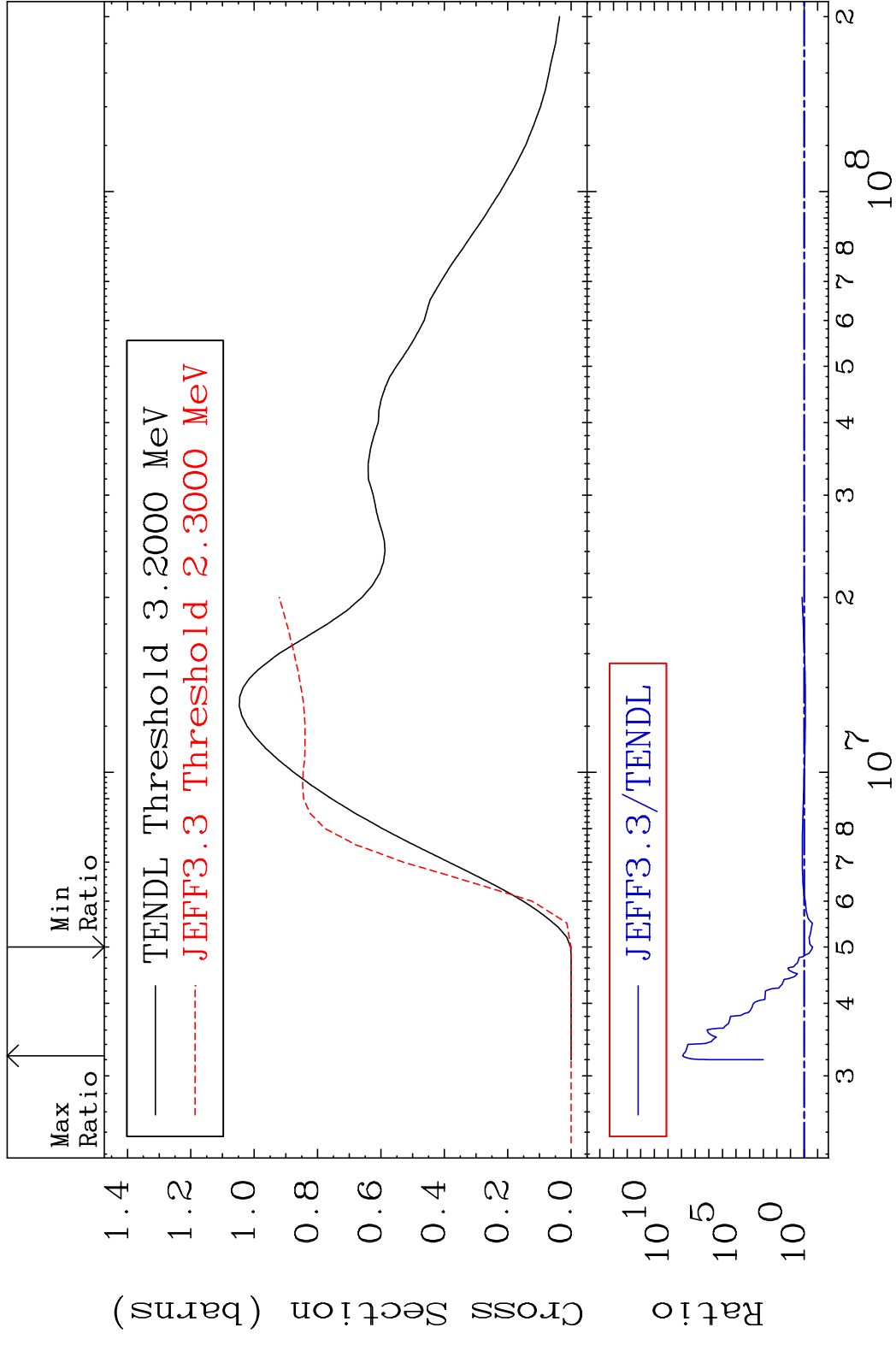


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Incident Energy (eV)

93-Np-235

MAT 9340 (n, nf) Second Chance 93-Np-235  
 Cross Section -76.00 To 9999. %

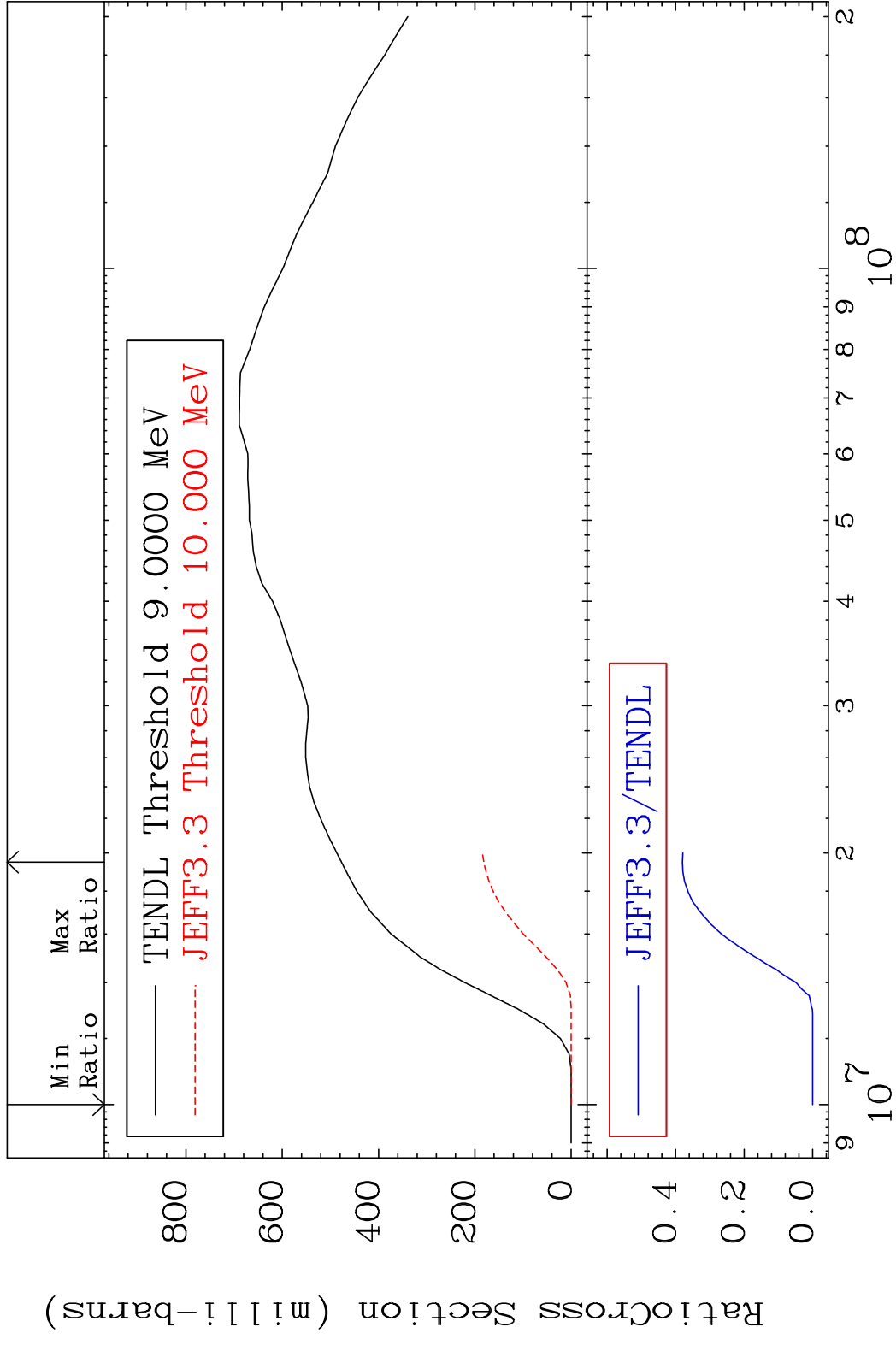


MAT 9340

(n,2nf) Third Chance

93-Np-235

Cross Section -100.0 To -61.96%



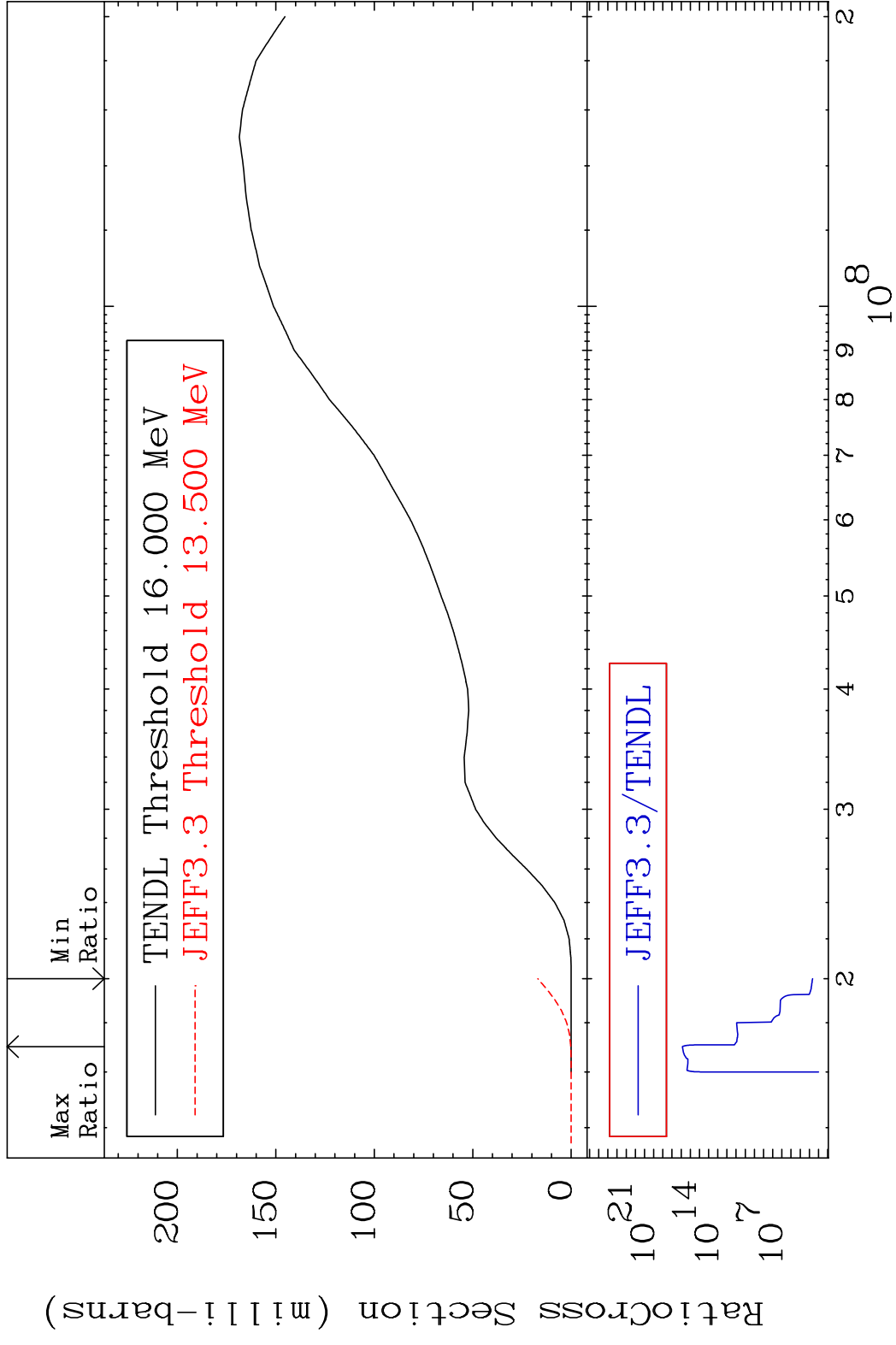
9

Incident Energy (eV)

93-Np-235

MAT 9340

(n,3nf) Fourth Chance 93-Np-235  
Cross Section 9999. To 9999. %

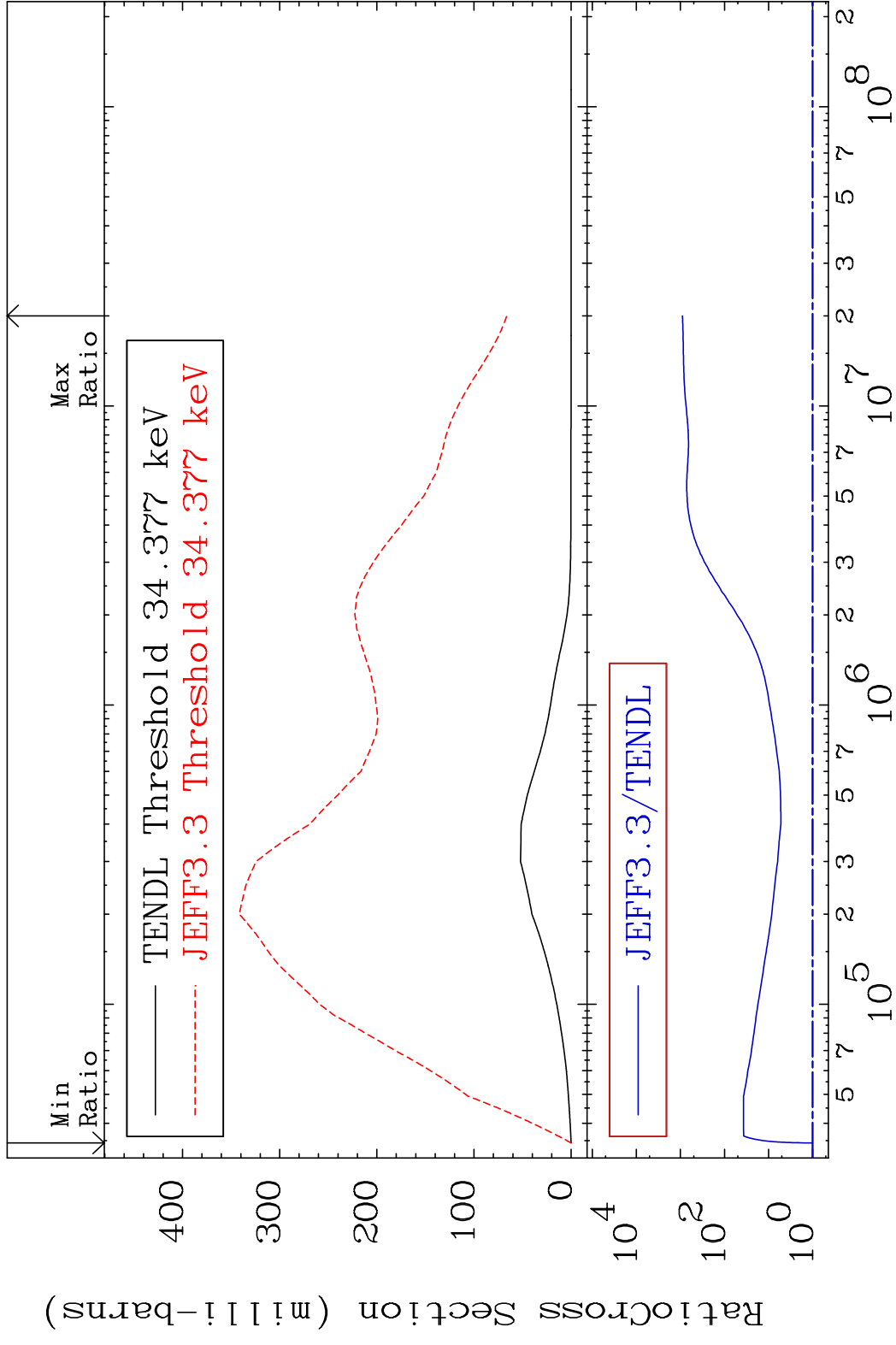


10

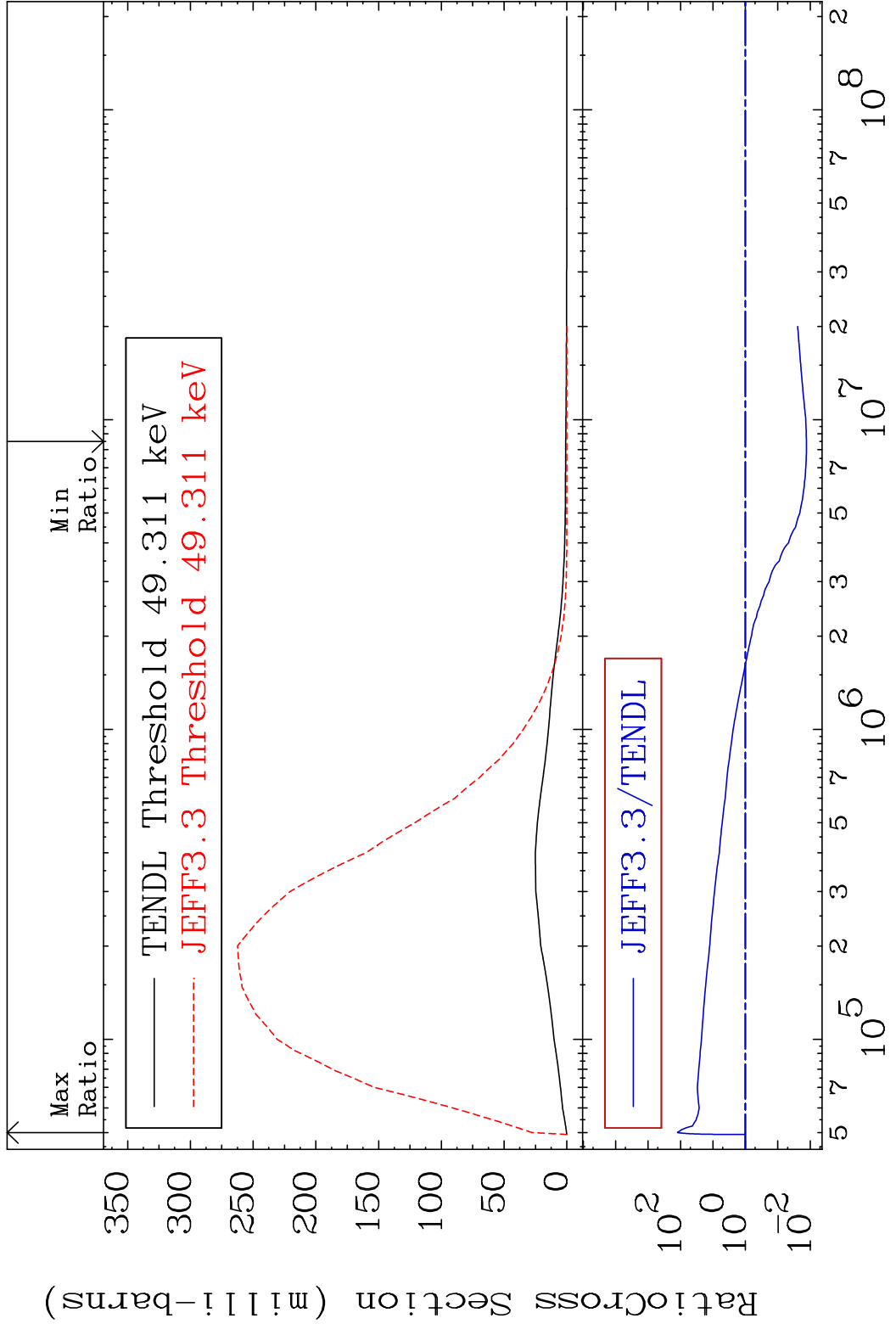
Incident Energy (eV)

93-Np-235

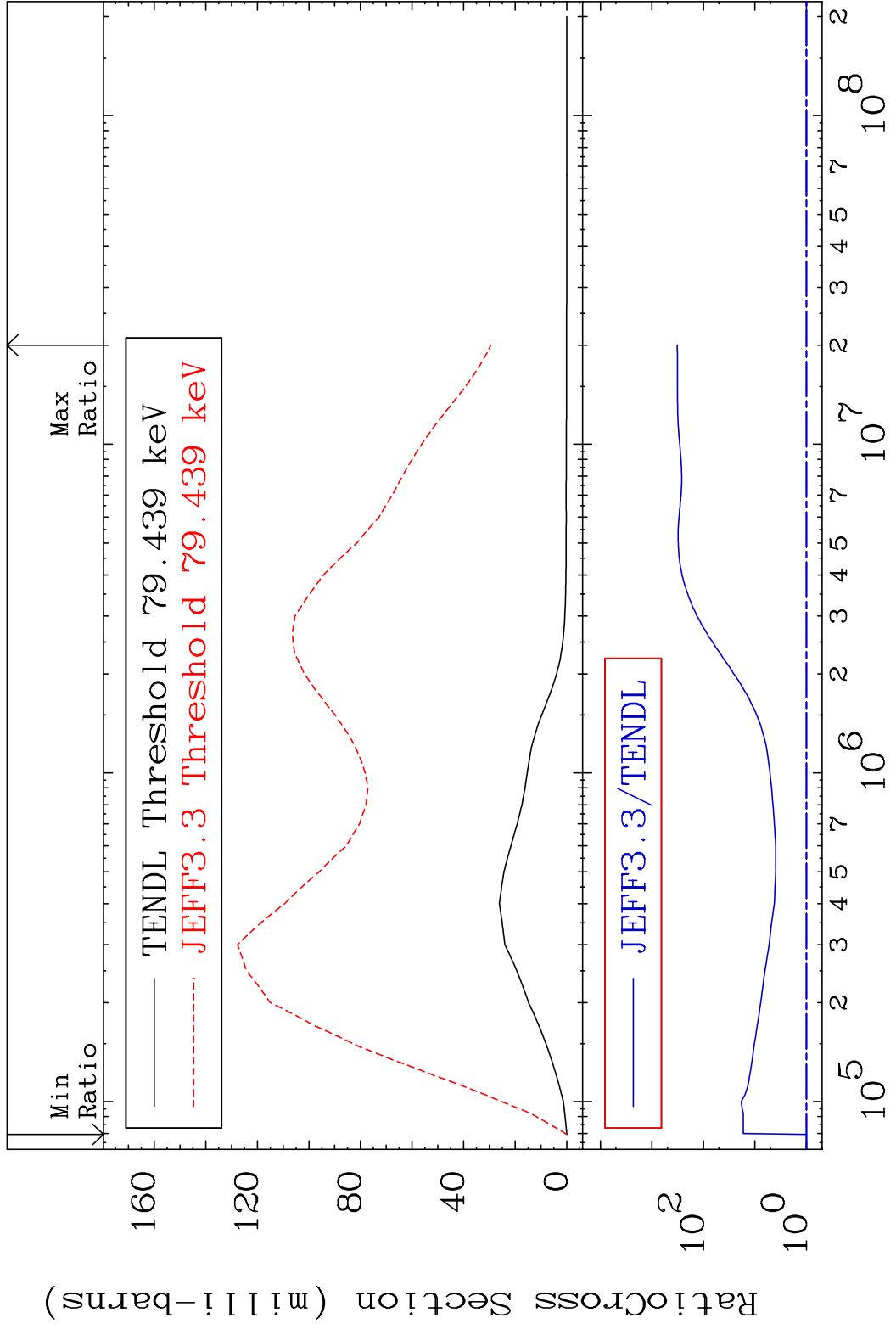
MAT 9340 MT= 51 (n,n') Level 93-Np-235  
 Cross Section 0.000 To 9999. %



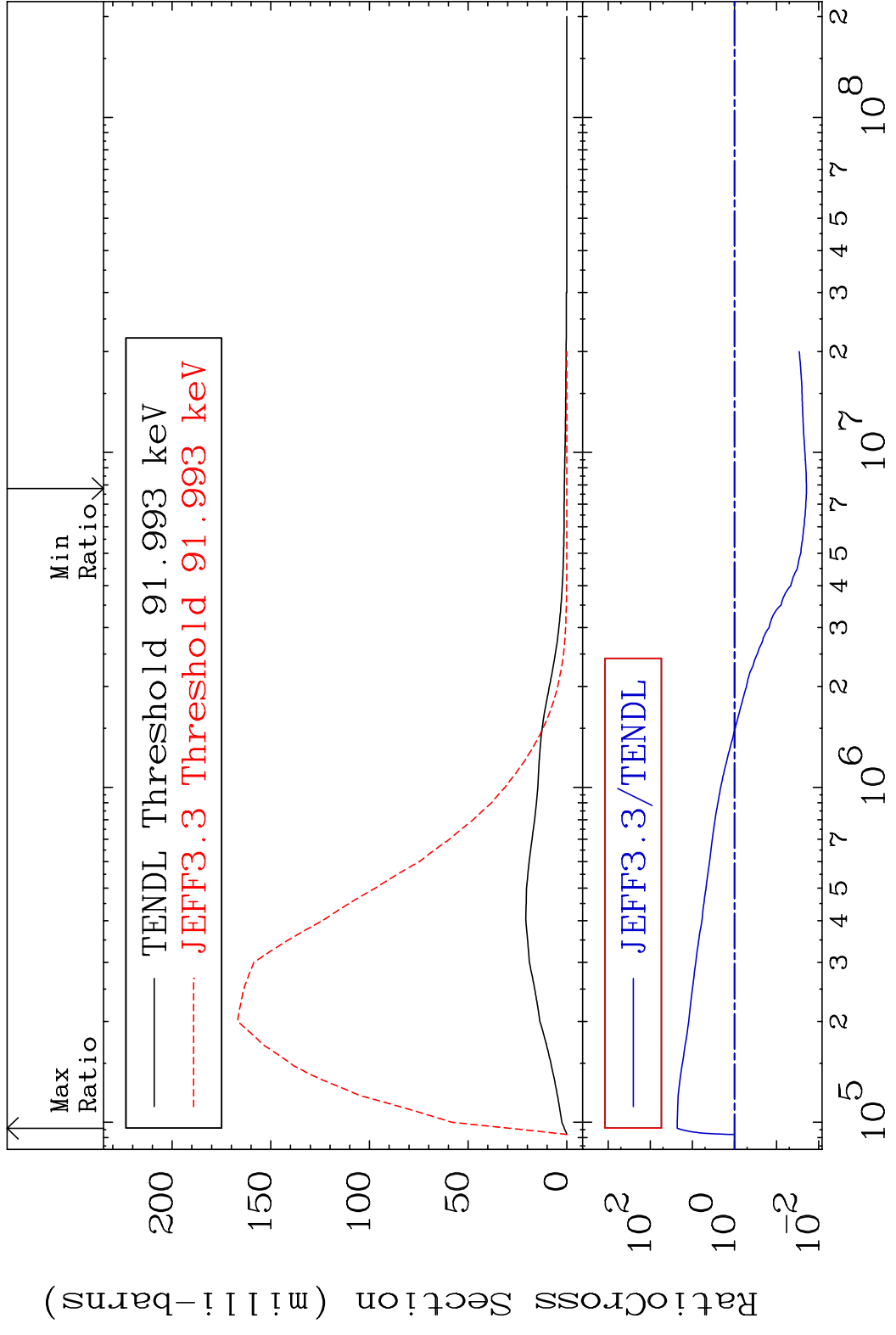
MAT 9340 MT= 52 (n, n') Level 93-Np-235  
 Cross Section -98.69 To 9999. %



MAT 9340 MT= 53 (n, n') Level 93-Np-235  
 Cross Section 0.000 To 9999. %



MAT 9340 MT= 54 (n, n') Level 93-Np-235  
 Cross Section -98.03 To 2203. %



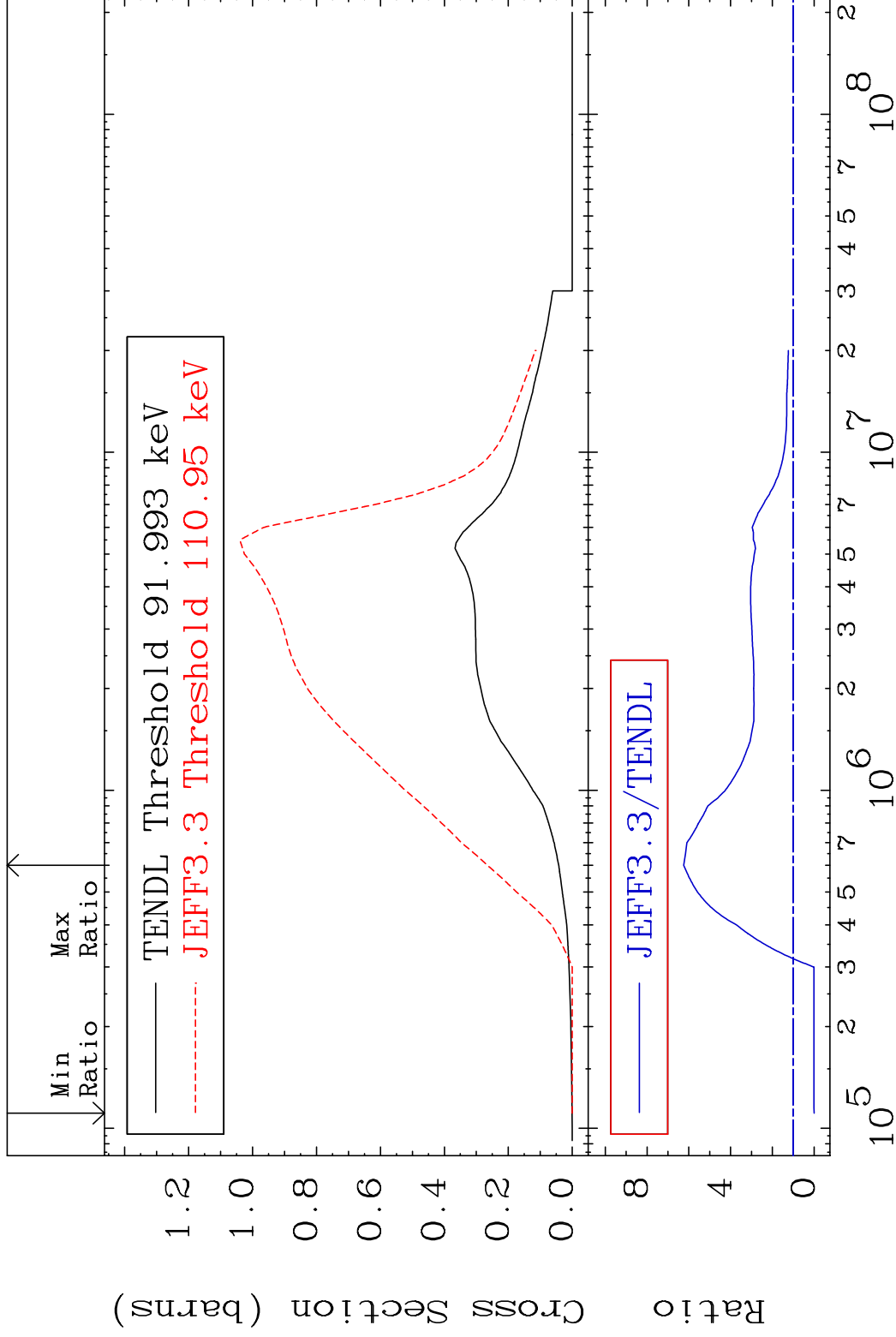
14 Incident Energy (eV) 93-Np-235

MAT 9340

(n, n') Continuum

93-Np-235

Cross Section -100.0 To 524.7 %



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Incident Energy (eV)

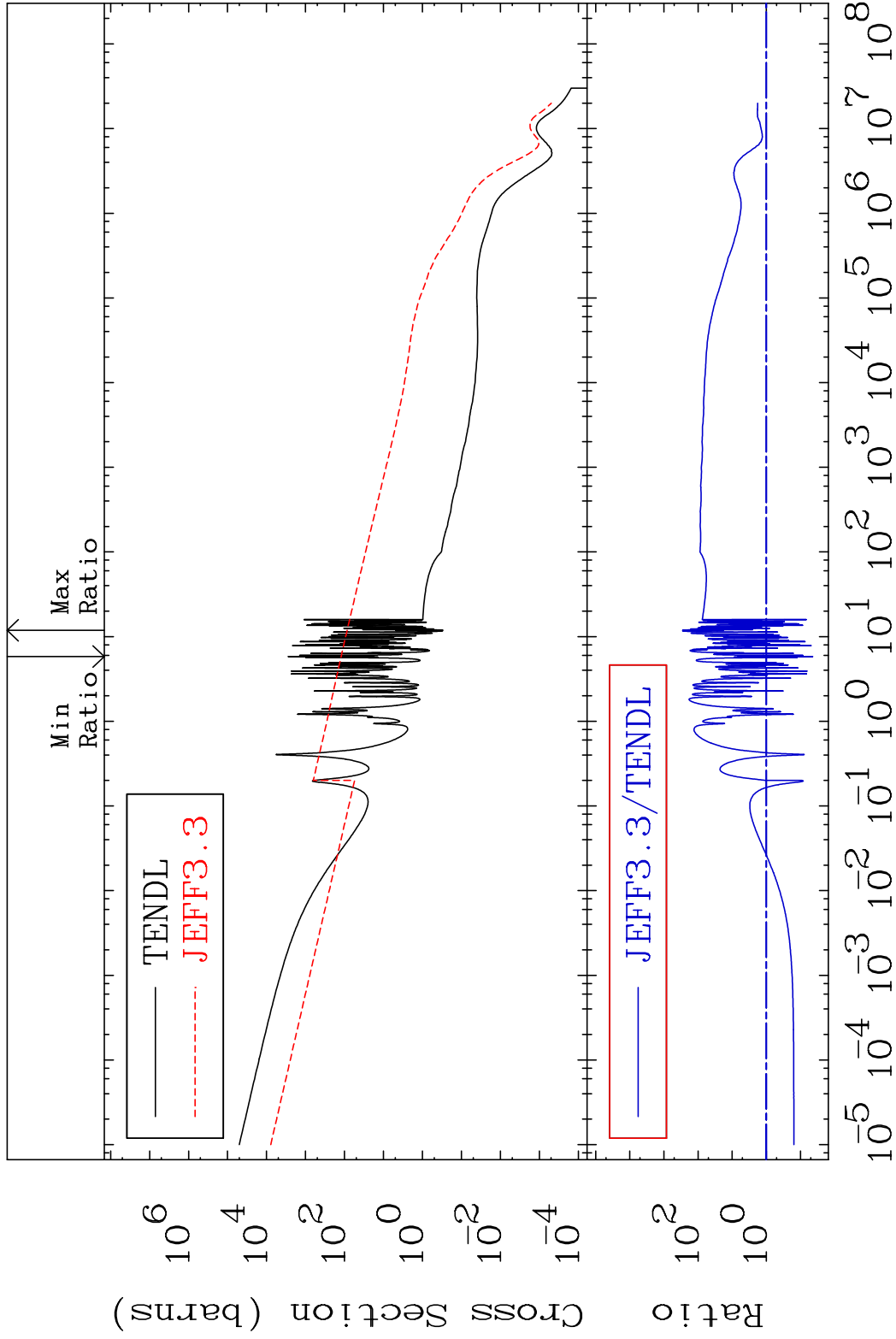
93-Np-235

MAT 9340

(n,  $\gamma$ )

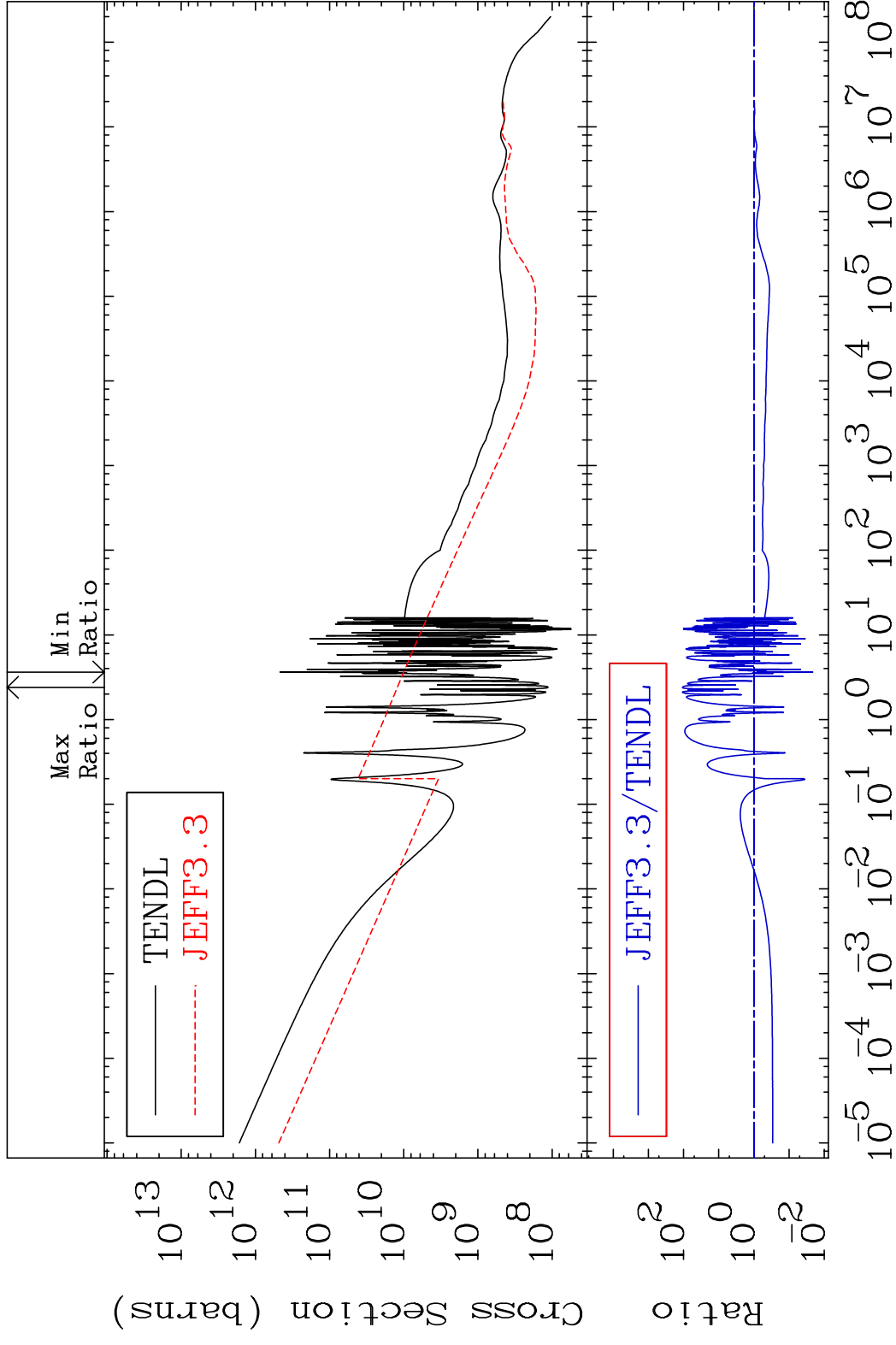
93-Np-235

Cross Section -95.58 To 9999. %



MAT 9340

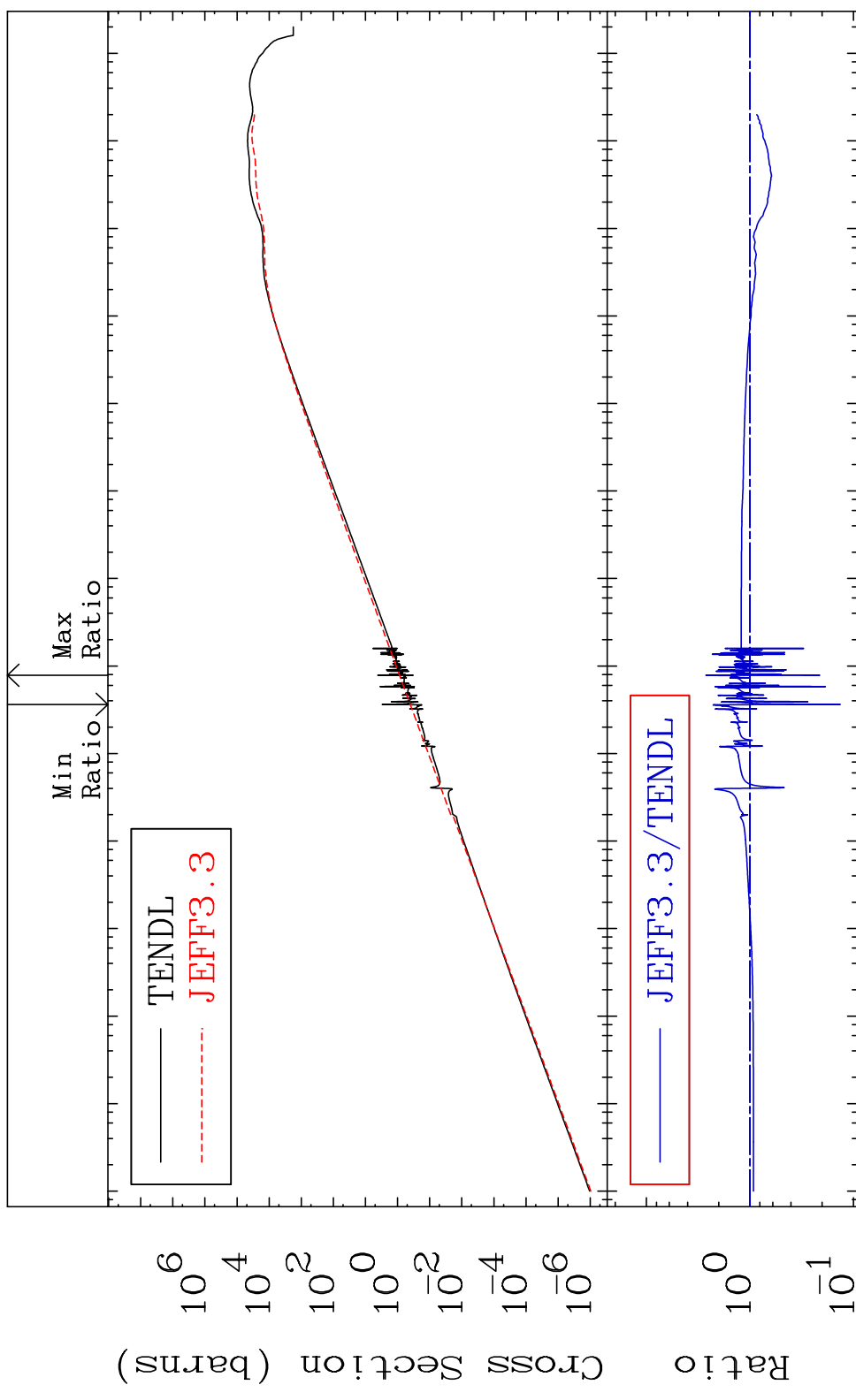
Kerma total (eV-barns) 93-Np-235  
Cross Section -97.85 To 9999. %



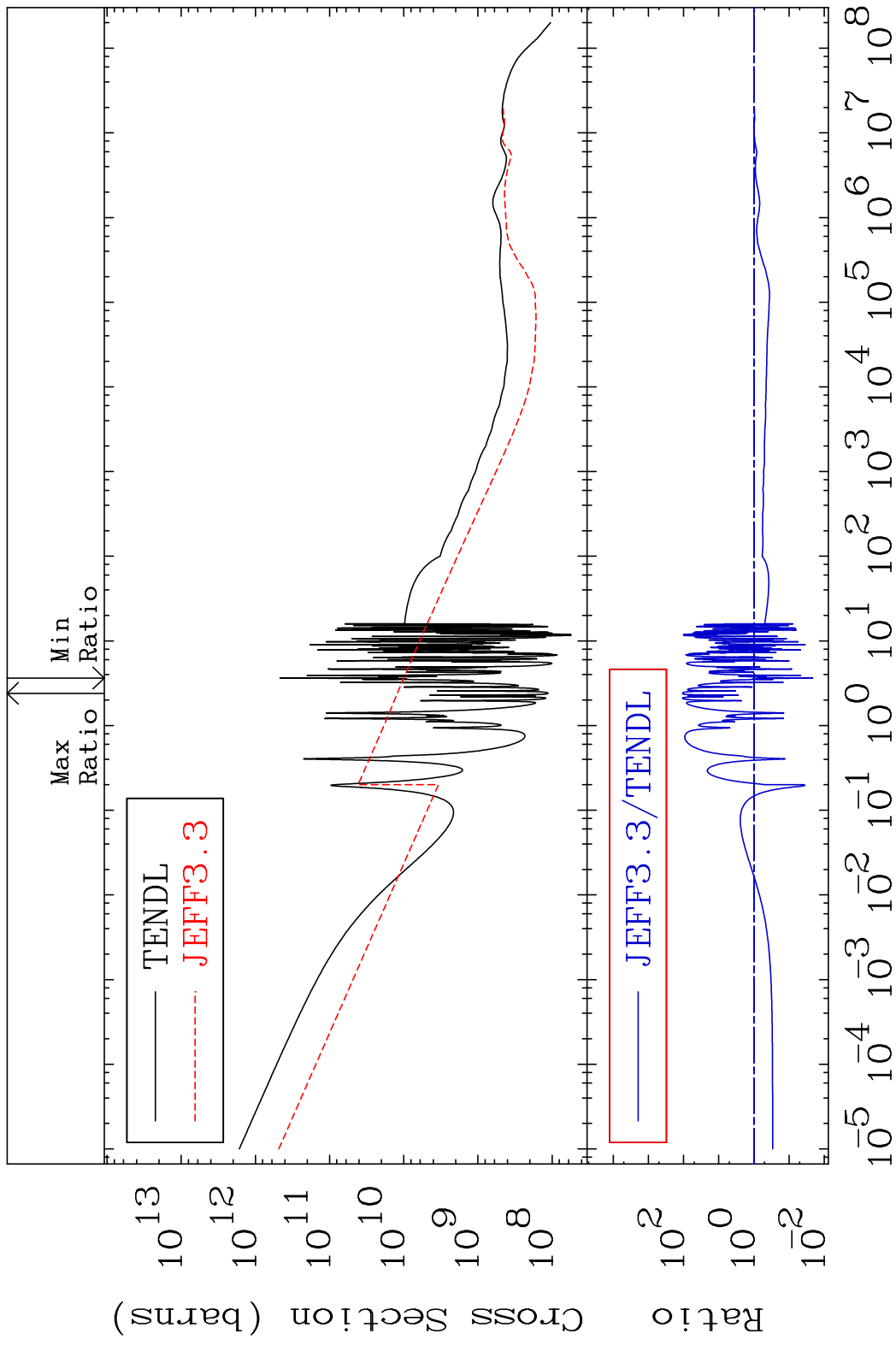
MAT 9340

Kerma elastic Cross Section -86.677 To 166.8 %

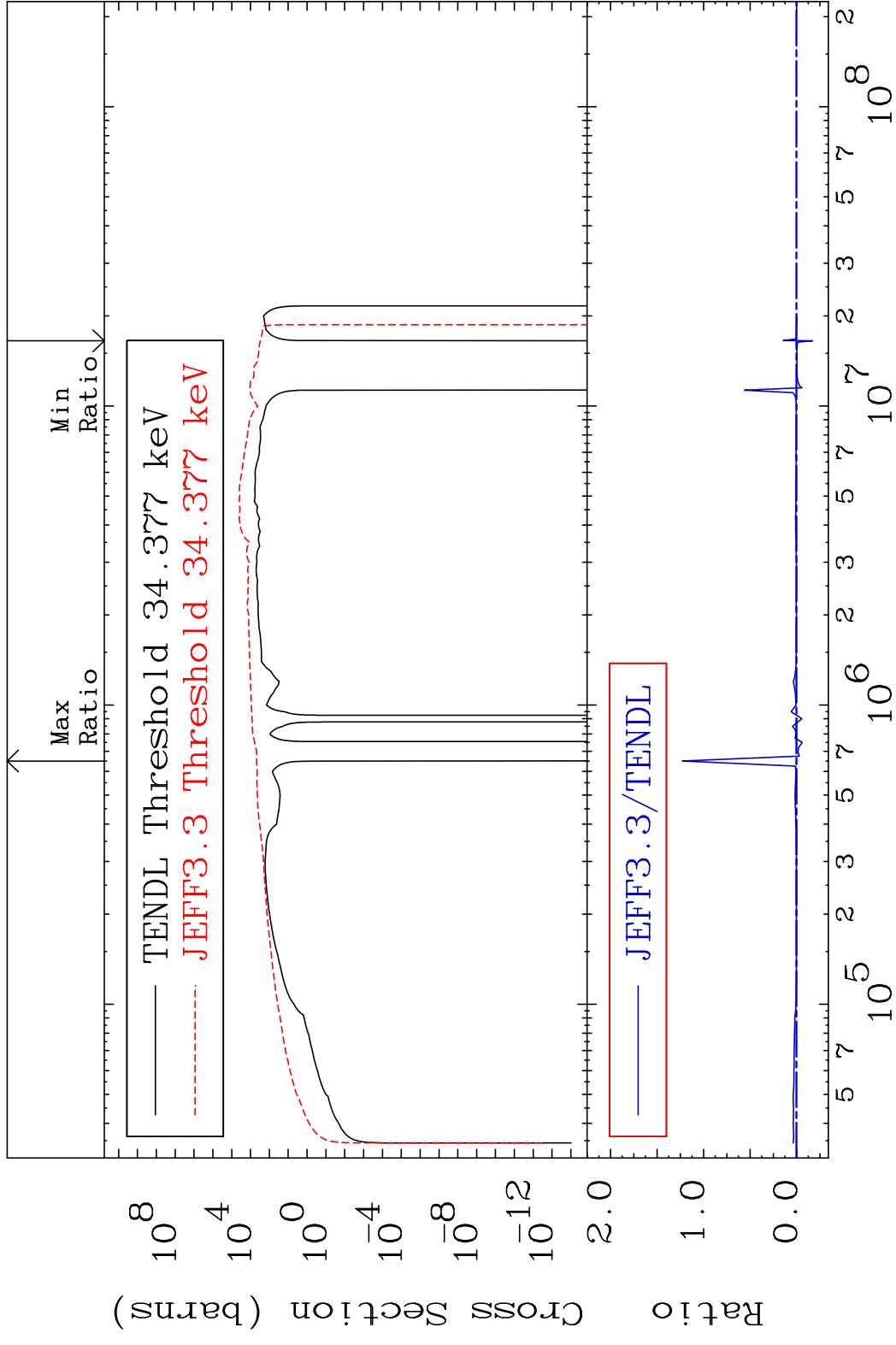
93-Np-235



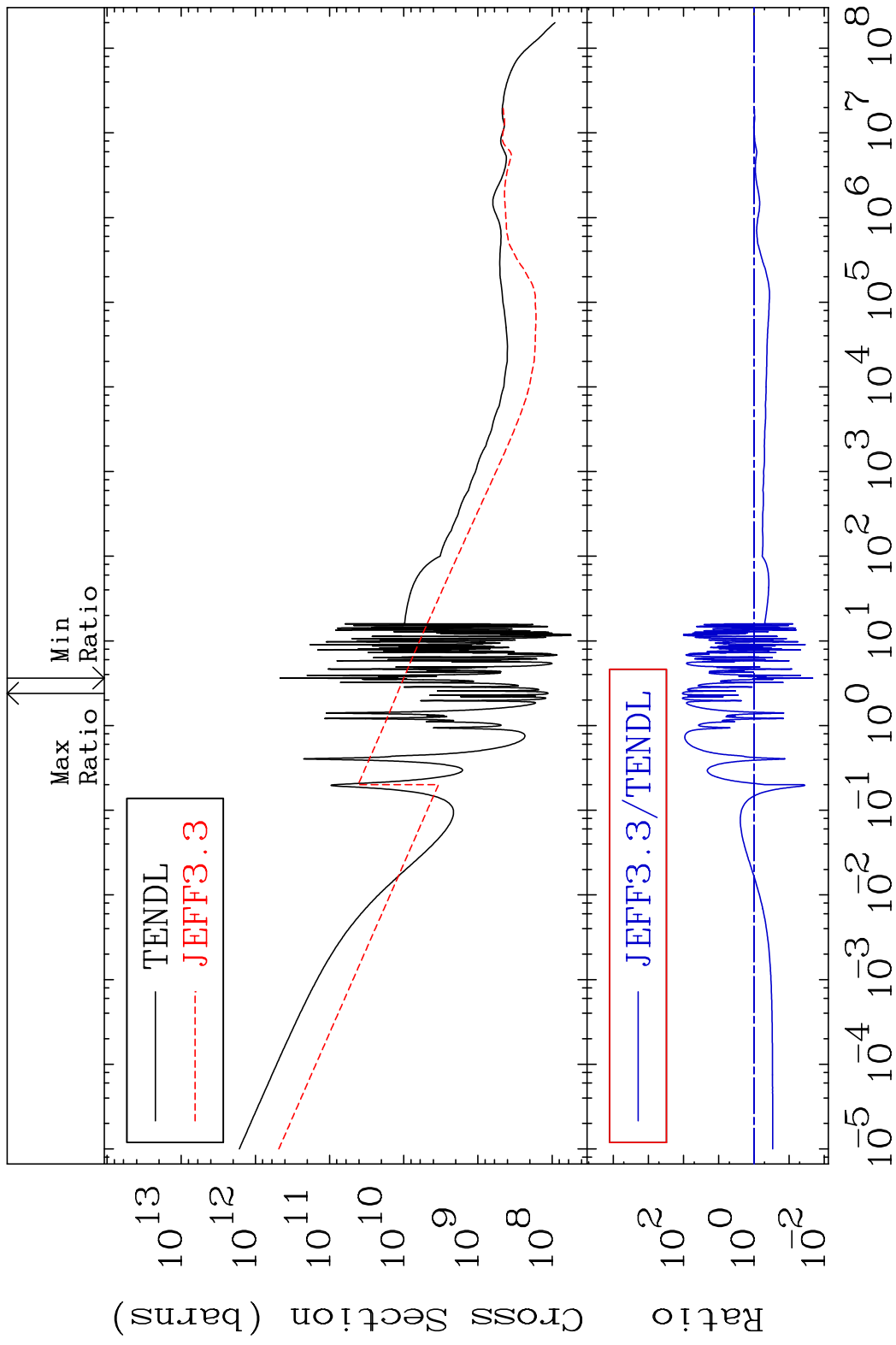
MAT 9340 Kerma non-elastic (all but mt2) 93-Np-235  
 Cross Section -97.85 To 9999. %



MAT 9340 Kerma inelastic (mt51-91) 93-Np-235  
 Cross Section -9999. To 9999. %

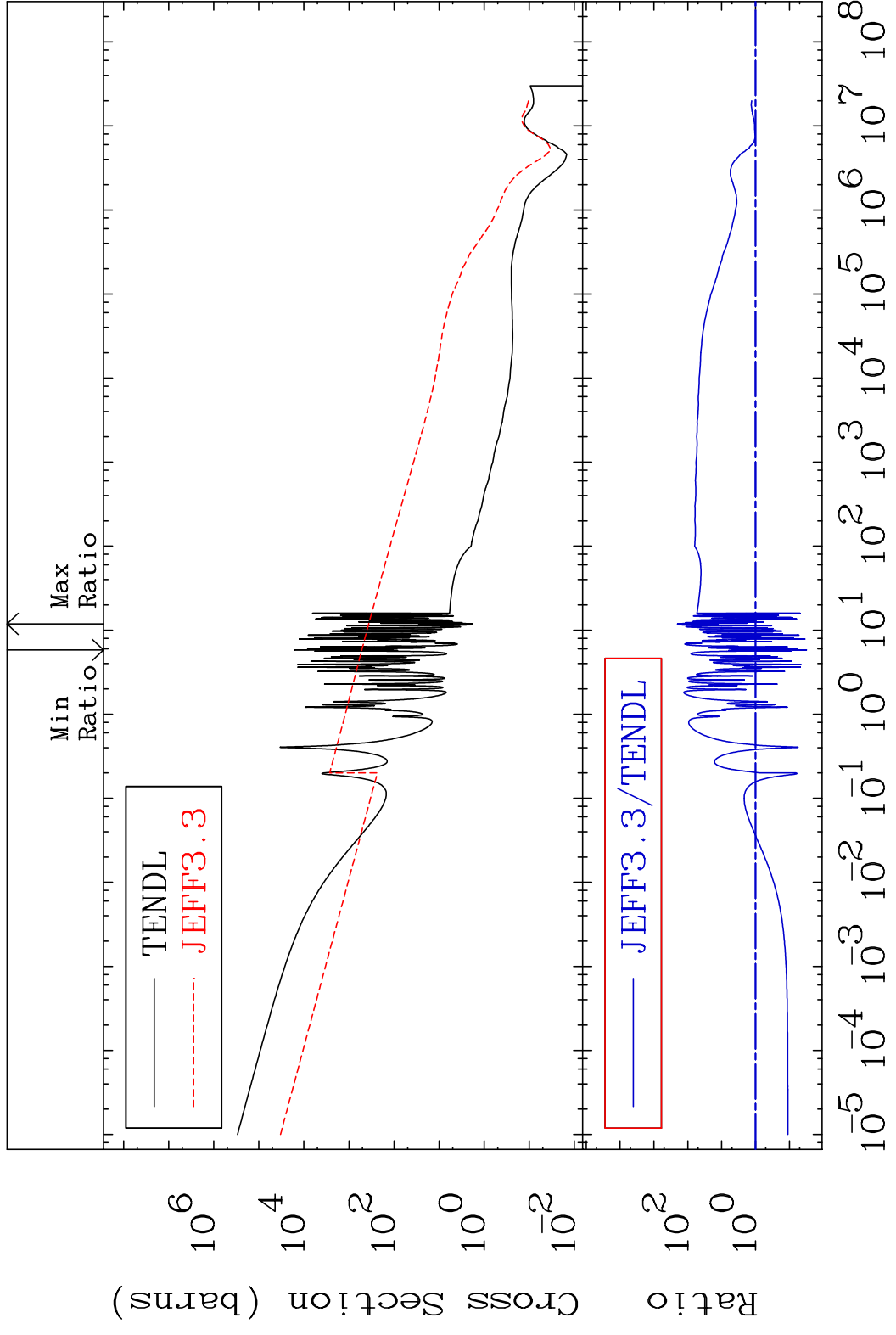


MAT 9340 Kerma fission (mt18 or mt19-20-21-38) 93-Np-235  
 Cross Section -97.85 To 9999. %



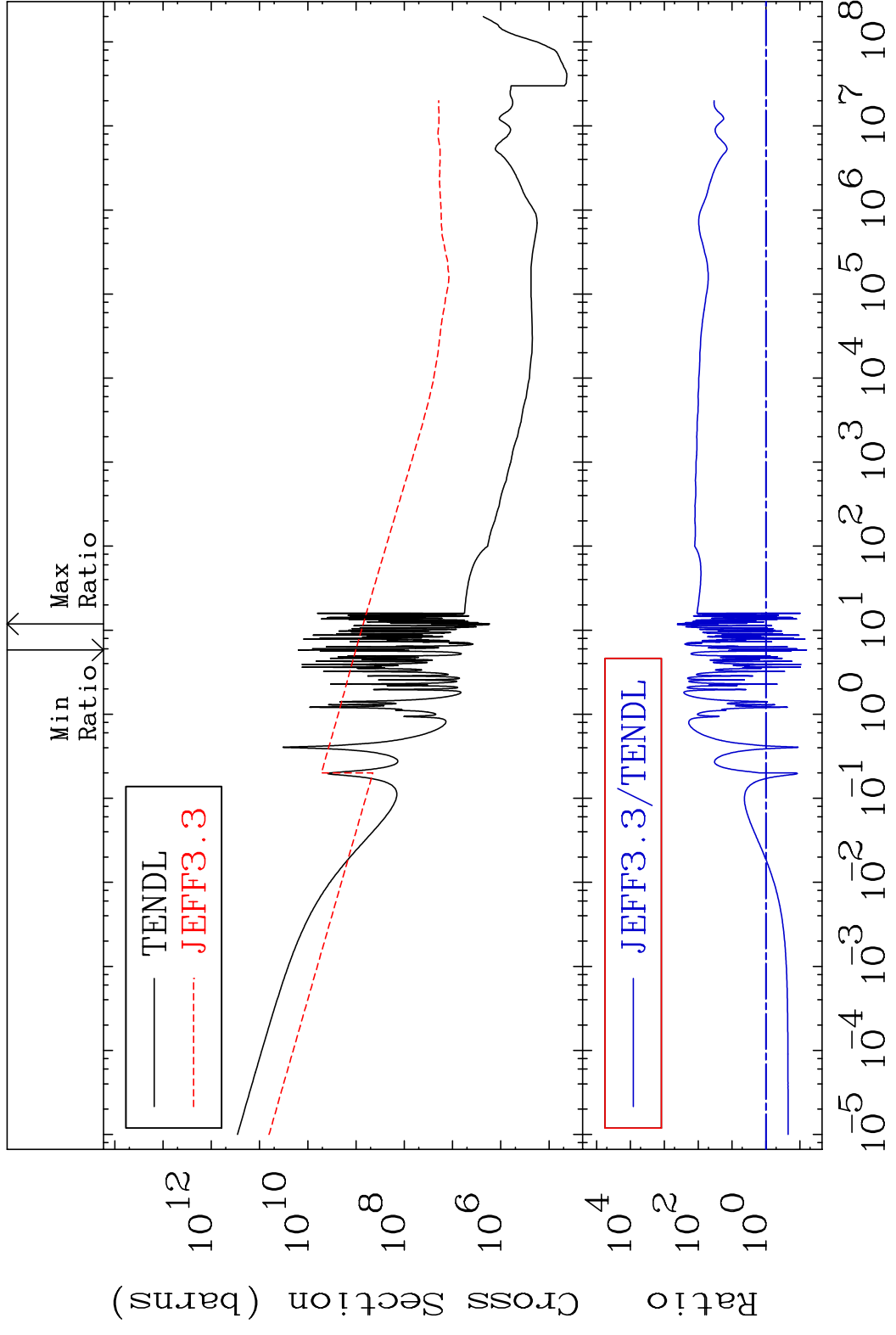
MAT 9340

Kerma capture (mt102) 93-Np-235  
Cross Section -96.85 To 9999. %

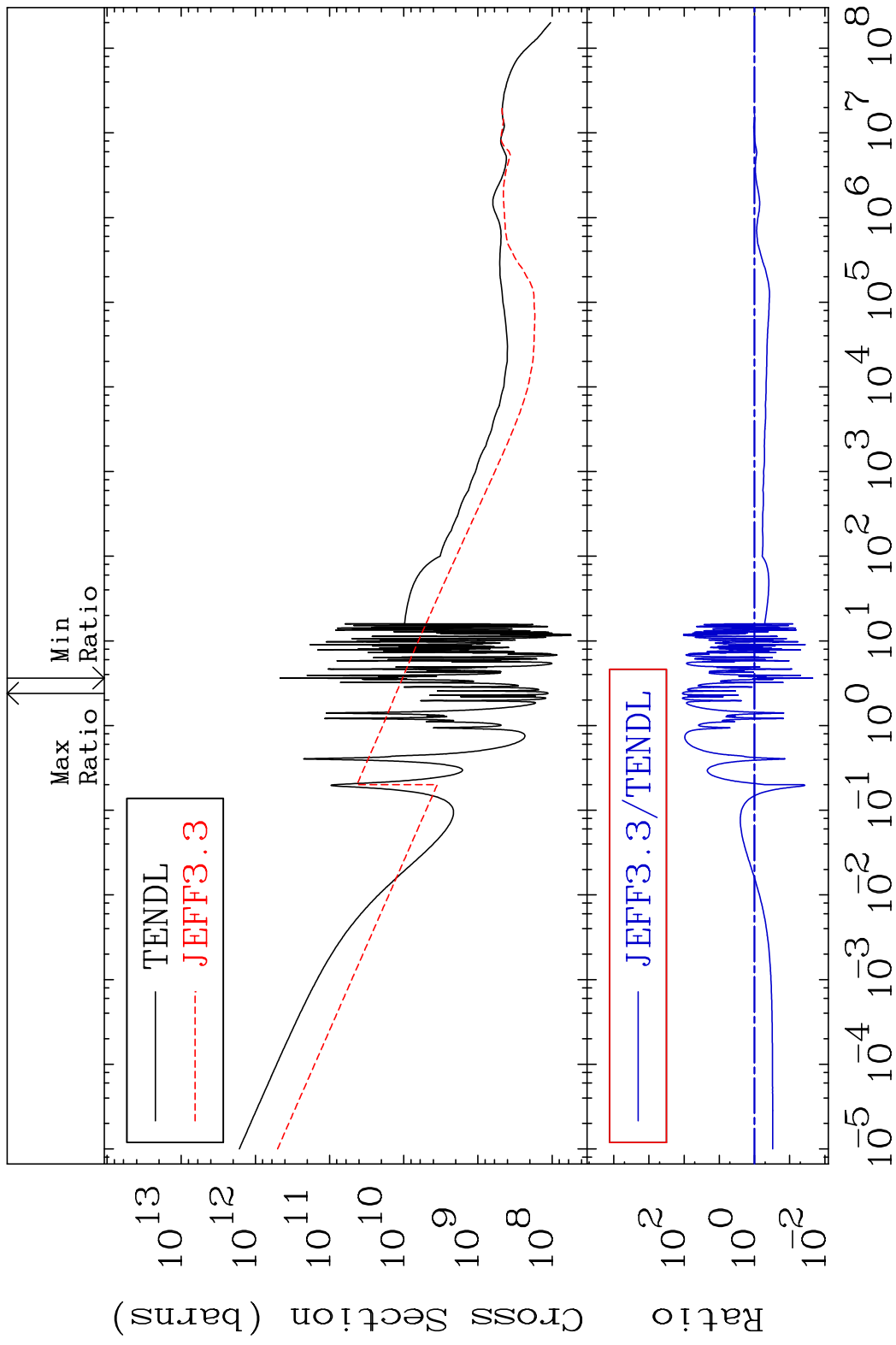


MAT 9340

Total photon (eV-barns) 93-Np-235  
Cross Section -93.63 To 9999. %



MAT 9340 Total kinematic kerma (high limit) 93-Np-235  
 Cross Section -97.76 To 9999. %

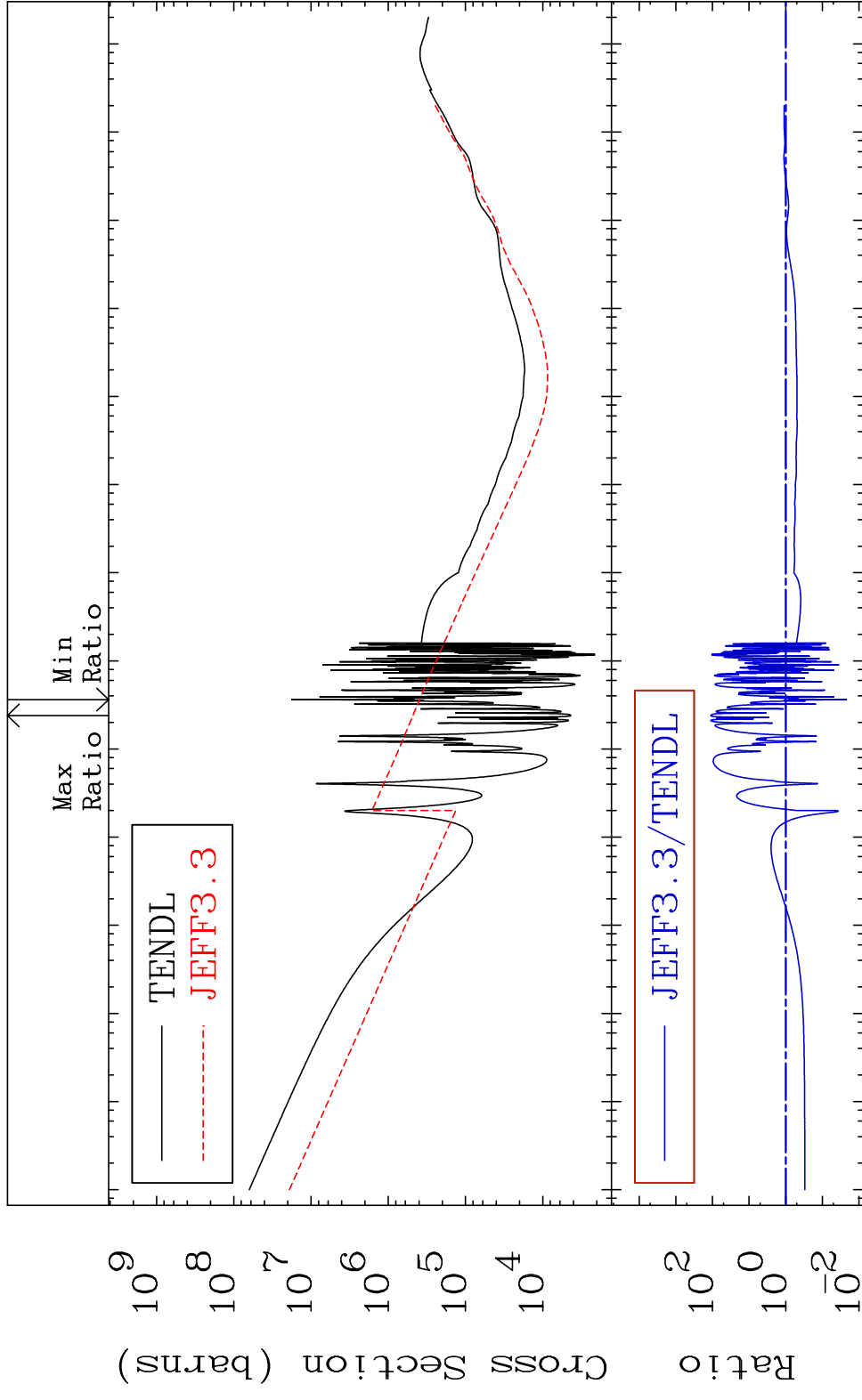


MAT 9340

Dpa total (eV-barns)

93-Np-235

Cross Section -97.78 To 9999. %



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Incident Energy (eV)

93-Np-235

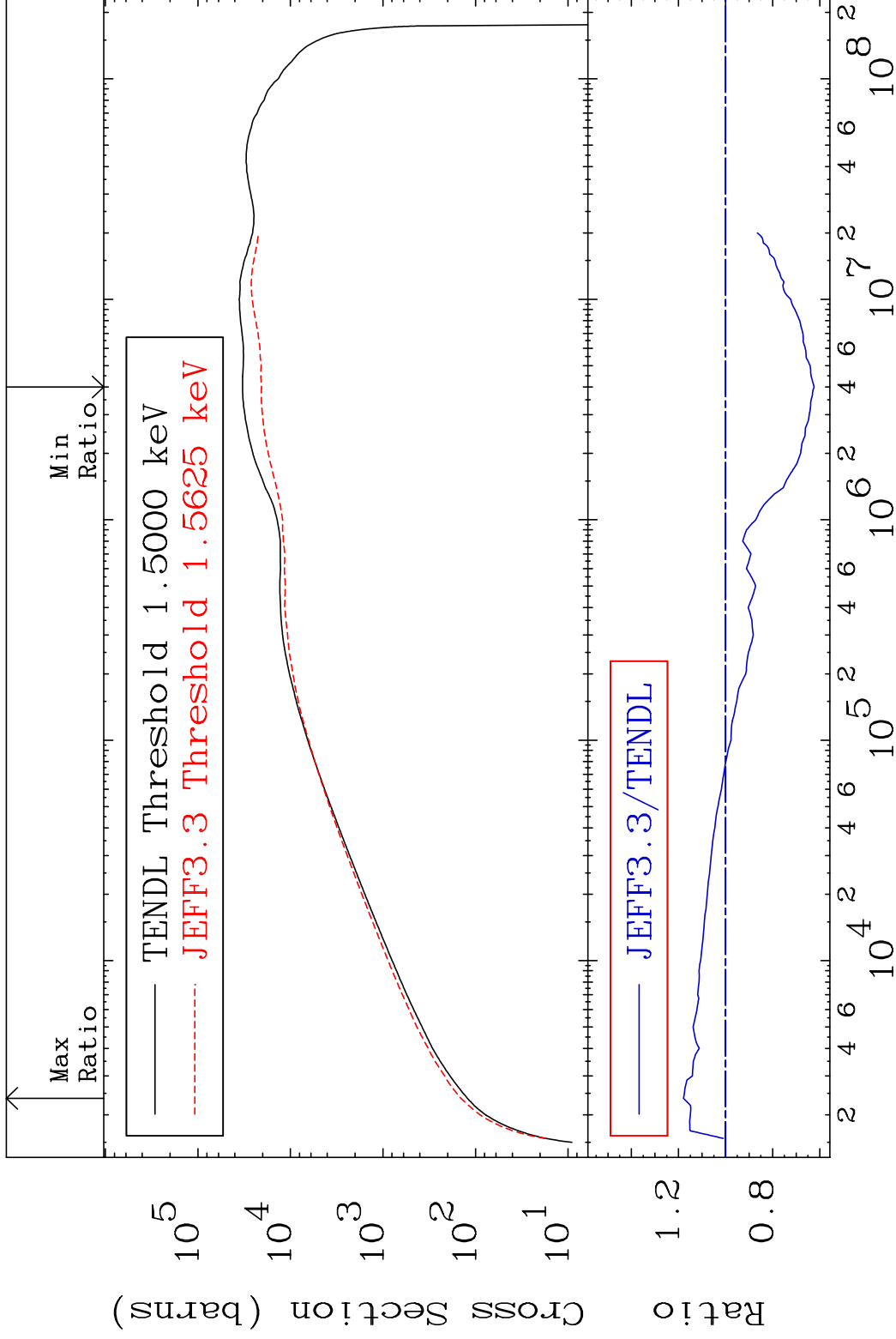
MAT 9340

Dpa elastic (mt2)

93-Np-235

Cross Section

-37.59 To 17.90 %

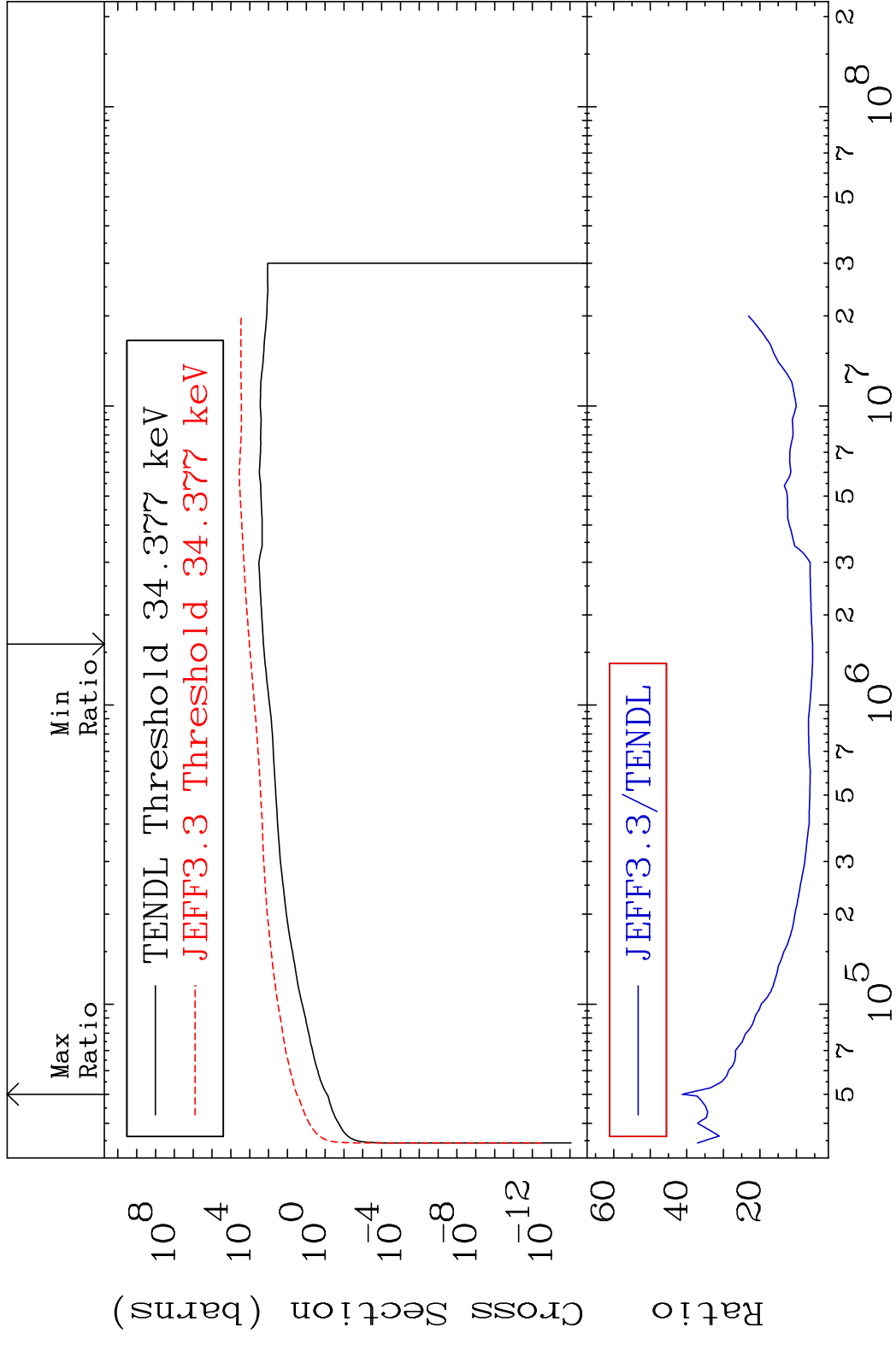


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Incident Energy (eV)

93-Np-235

MAT 9340 Dpa inelastic (mt51-91) 93-Np-235  
 Cross Section 456.8 To 4022. %



MAT 9340 Dpa disappearance (mt102 -120) 93-Np-235  
 Cross Section -100.0 To 9999. %

