

Program Complot  
(Version 2021-1)

by

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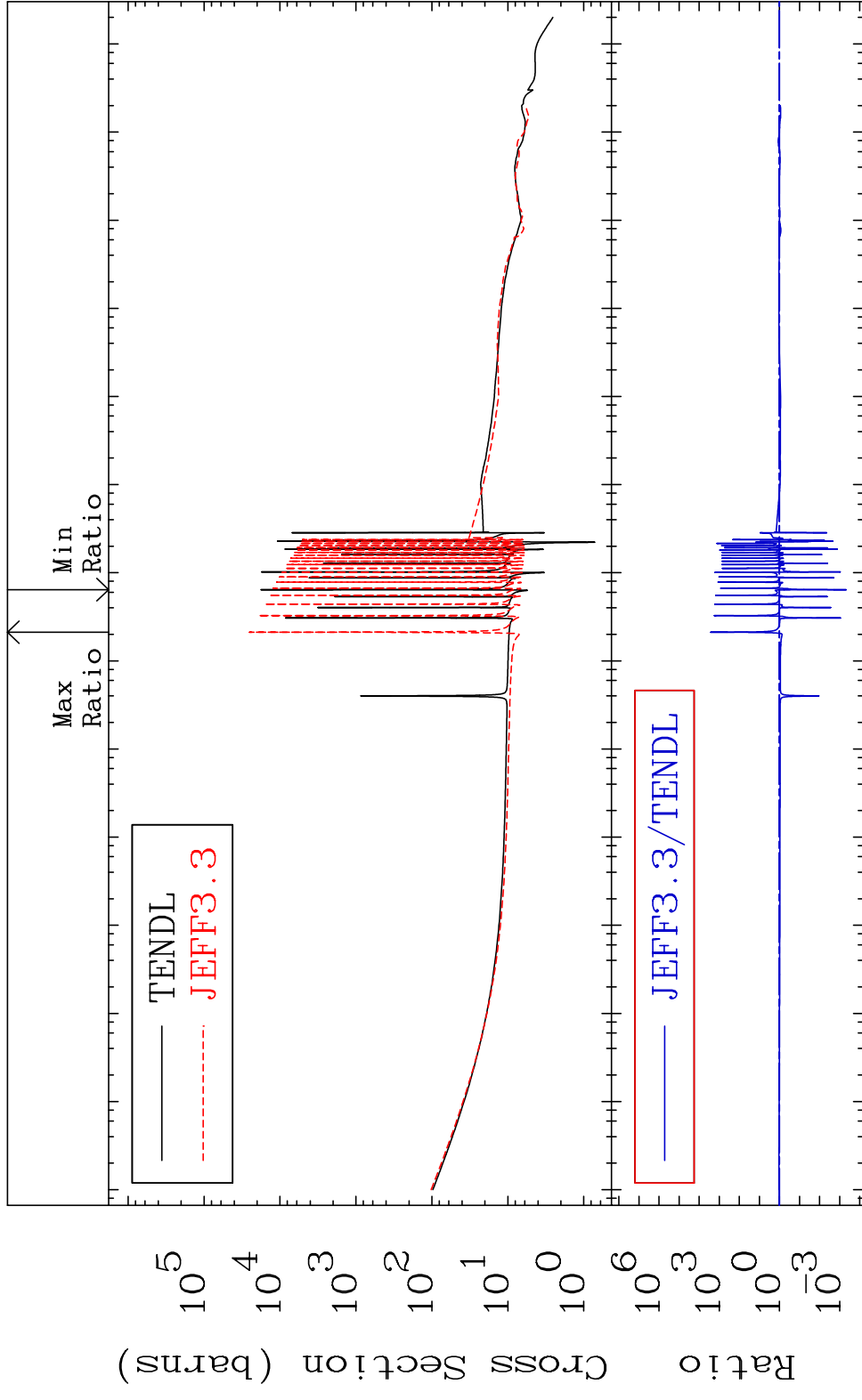
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9452

Total  
Cross Section -99.95 To 9999. %

94-Pu-244

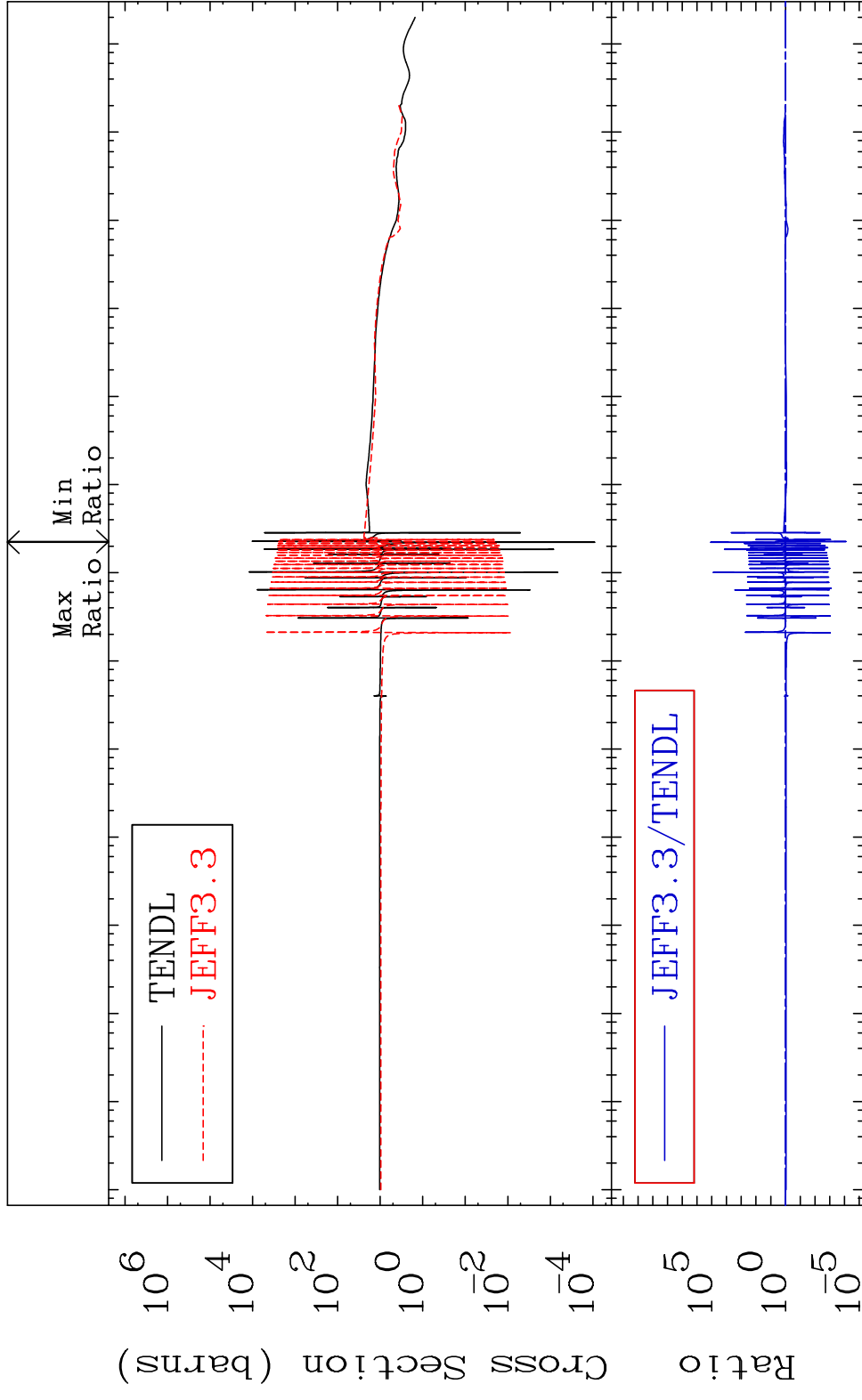


10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

Incident Energy (eV) 94-Pu-244

MAT 9452

Elastic Cross Section -99.99 To 9999. %  
94-Pu-244



2

Incident Energy (eV) 94-Pu-244

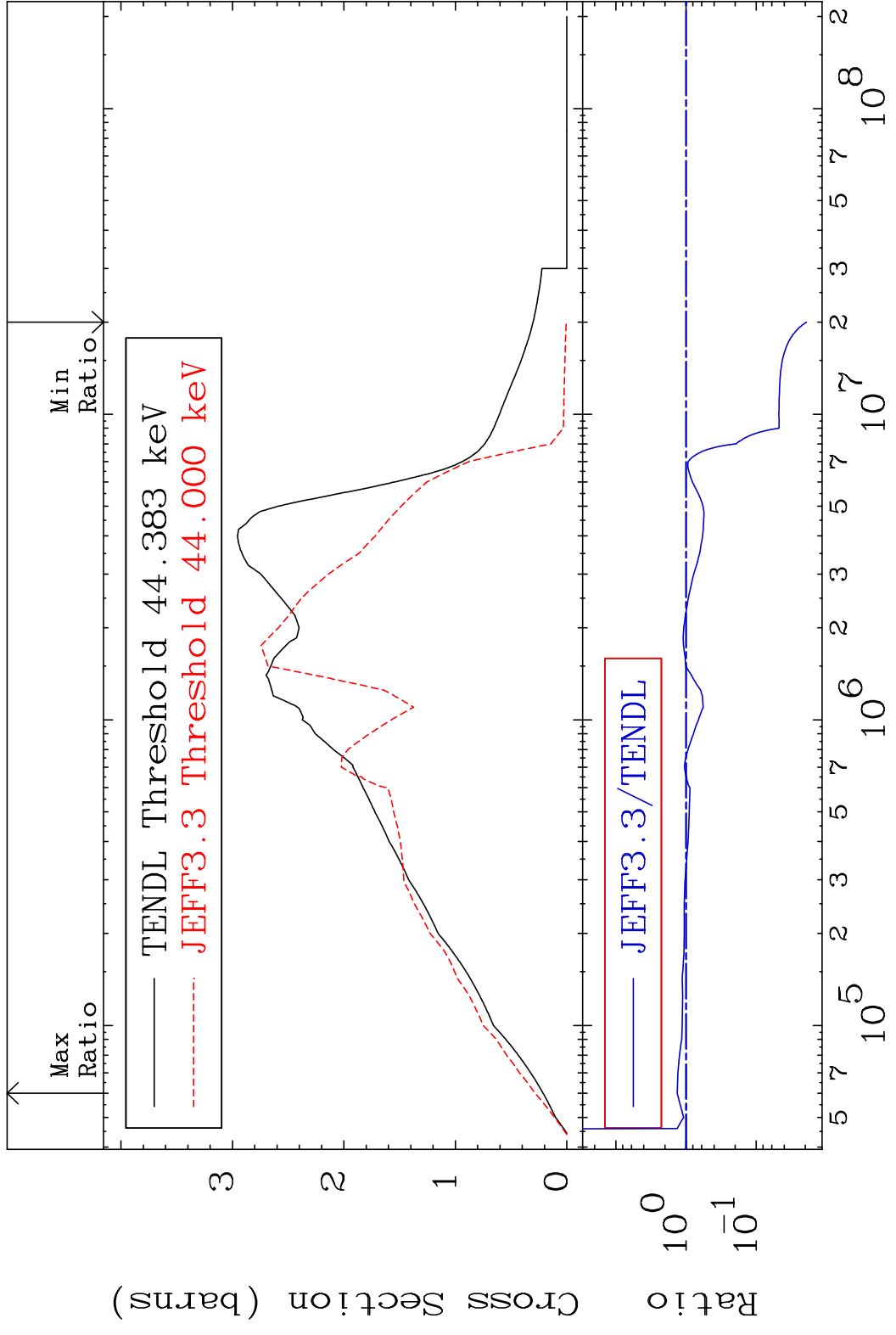
MAT 9452

Inelastic

94-Pu-244

Cross Section

-98.07 To 33.74 %



3

Incident Energy (eV)

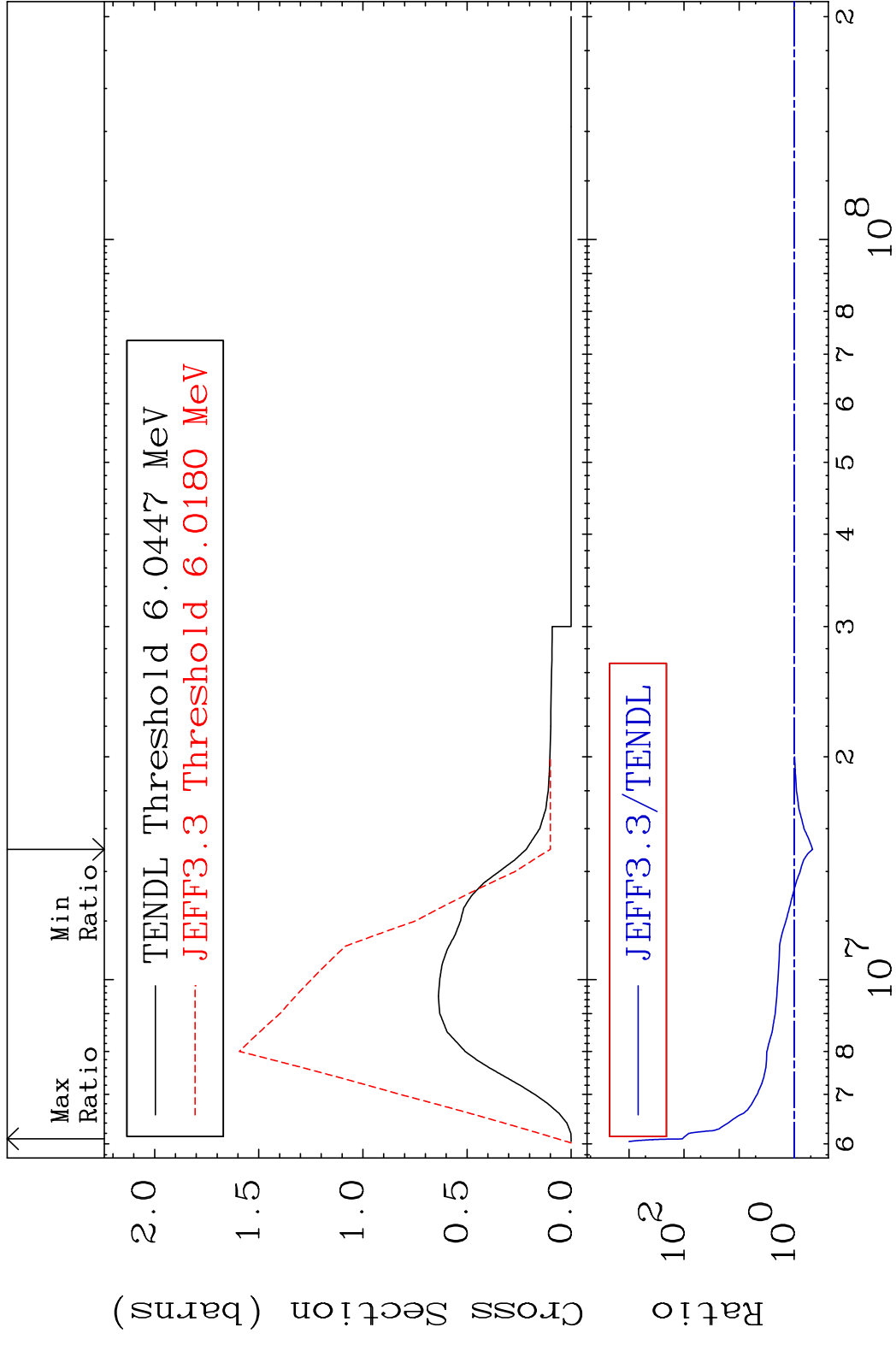
94-Pu-244

MAT 9452

(n,2n)

94-Pu-244

Cross Section -53.63 To 9999. %



4

Incident Energy (eV)

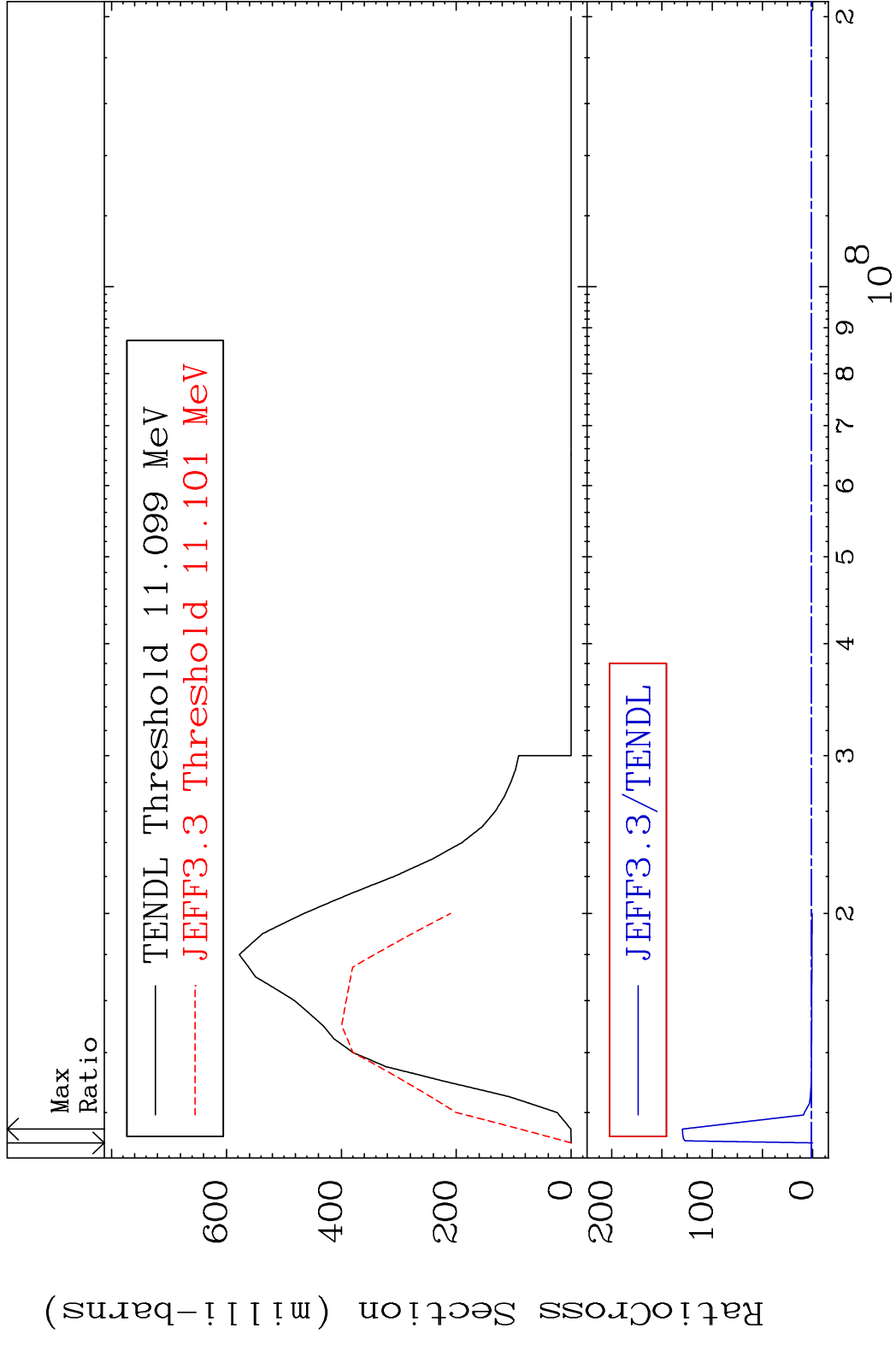
94-Pu-244

MAT 9452

(n,3n)

94-Pu-244

Cross Section -100.0 To 9999. %



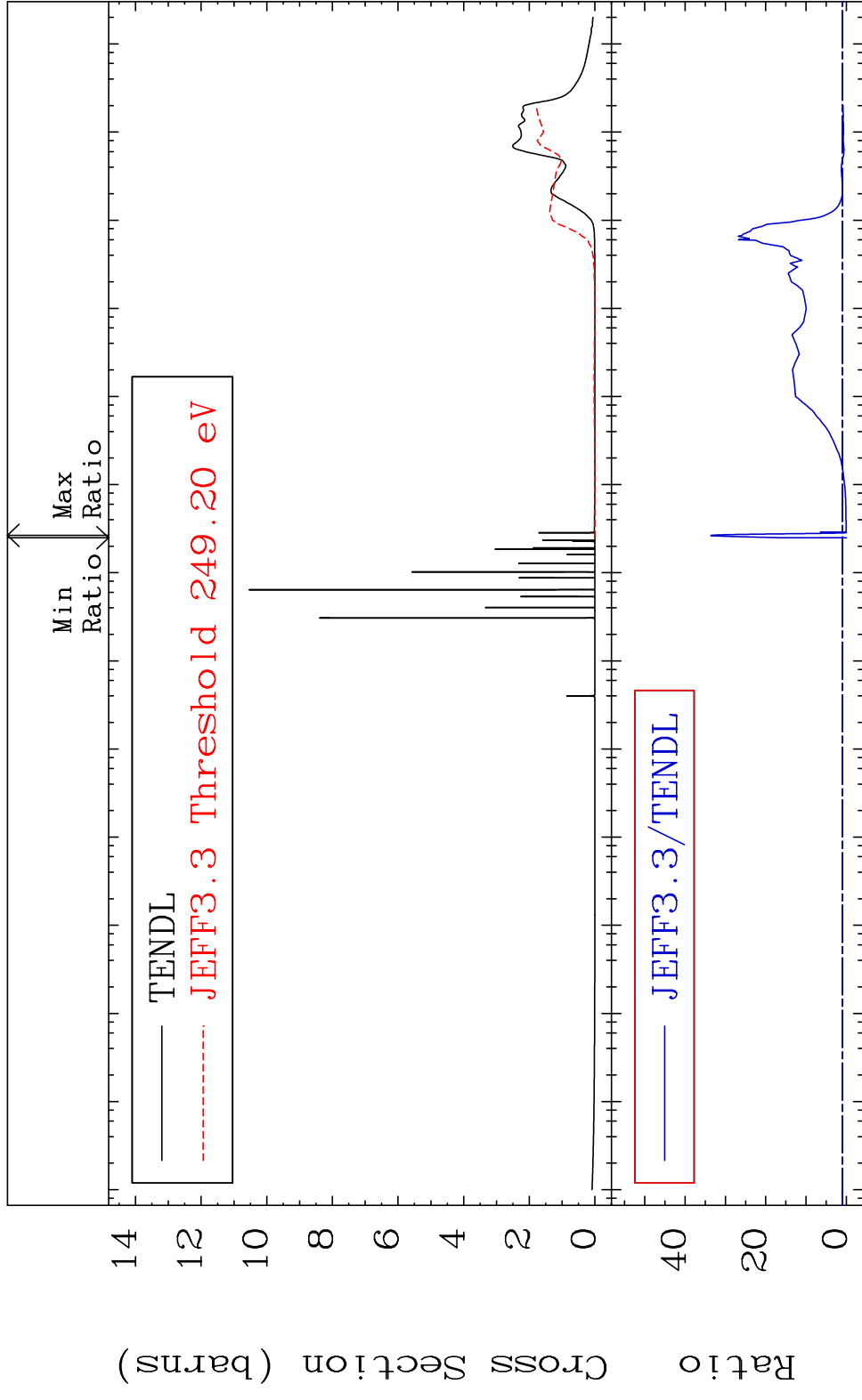
5

Incident Energy (eV)

94-Pu-244

MAT 9452

Fission Cross Section -100.0 To 3264. %  
94-Pu-244

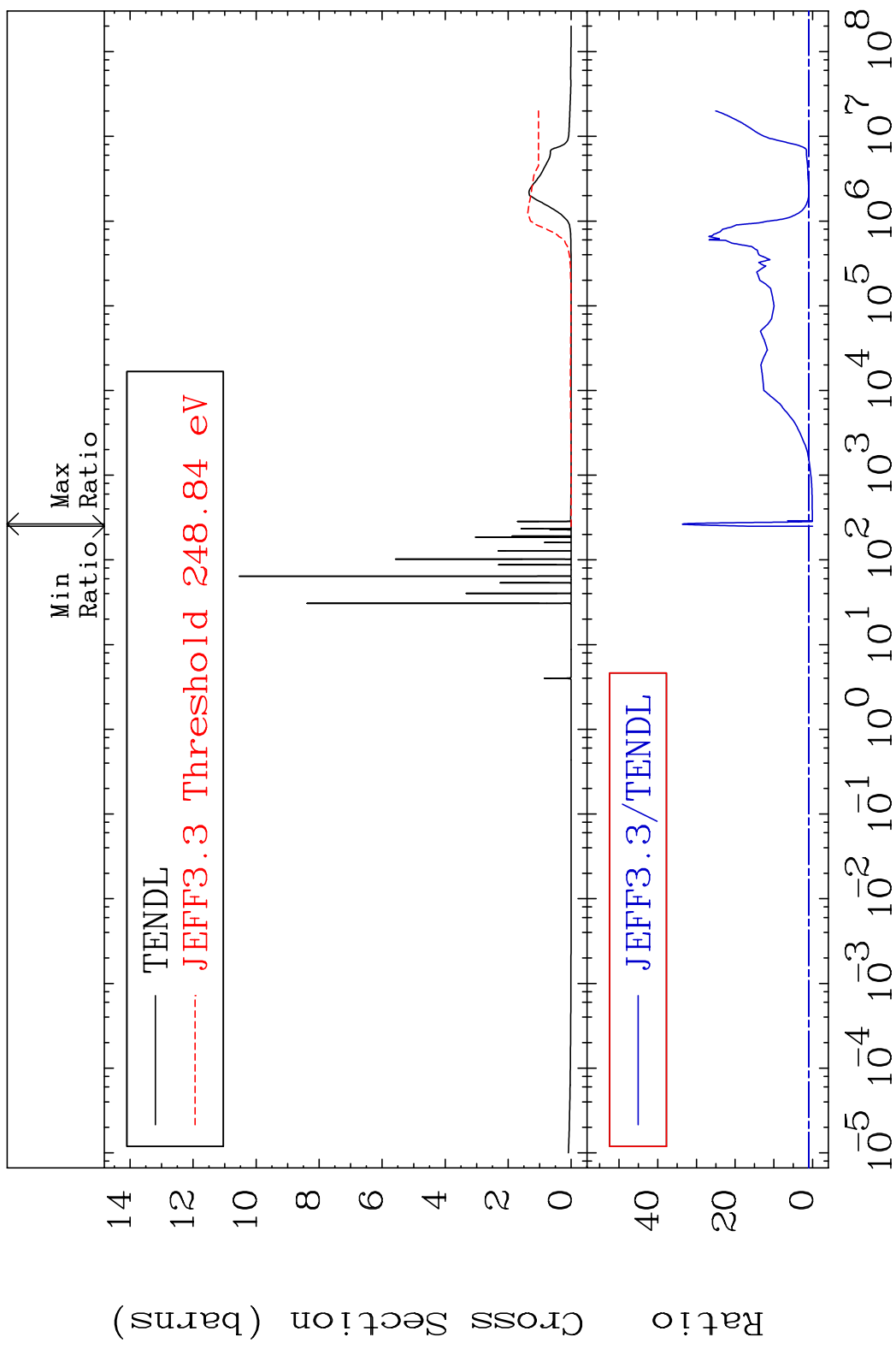


MAT 9452

(n,f) First Chance

94-Pu-244

Cross Section -100.0 To 3264. %



7

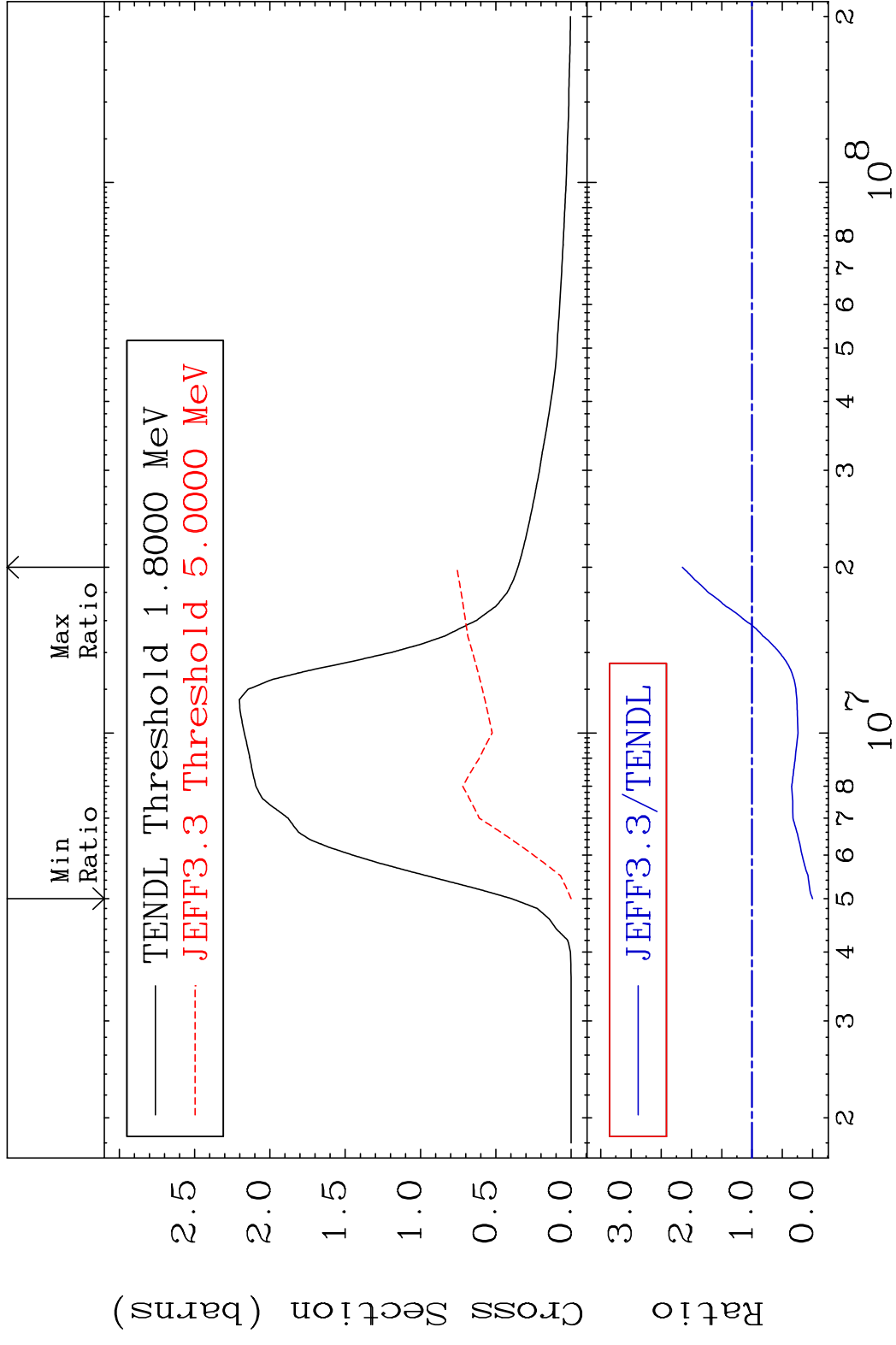
Incident Energy (eV)

94-Pu-244



MAT 9452

(n, nf) Second Chance 94-Pu-244  
Cross Section -100.0 To 115.2 %

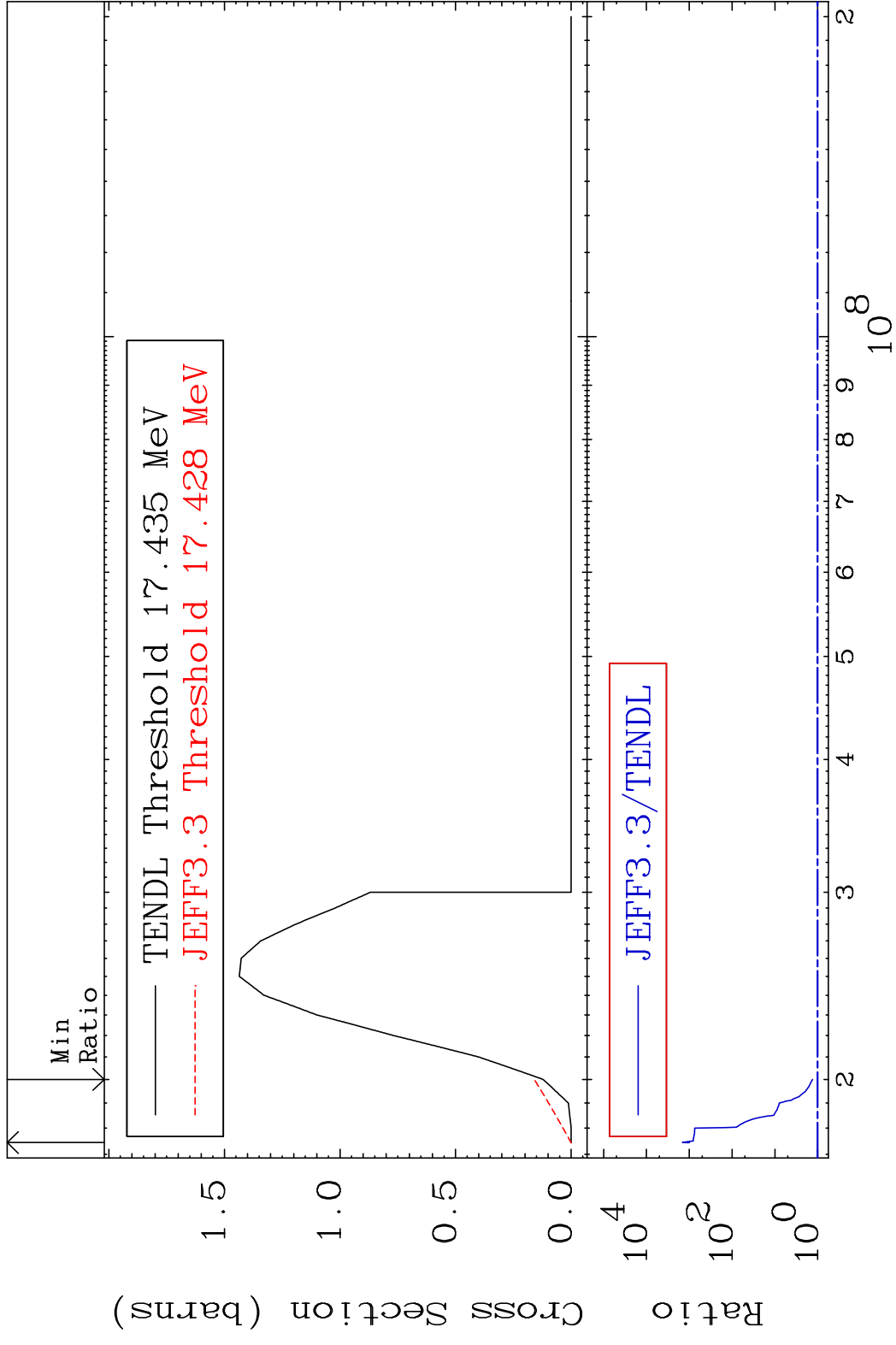


MAT 9452

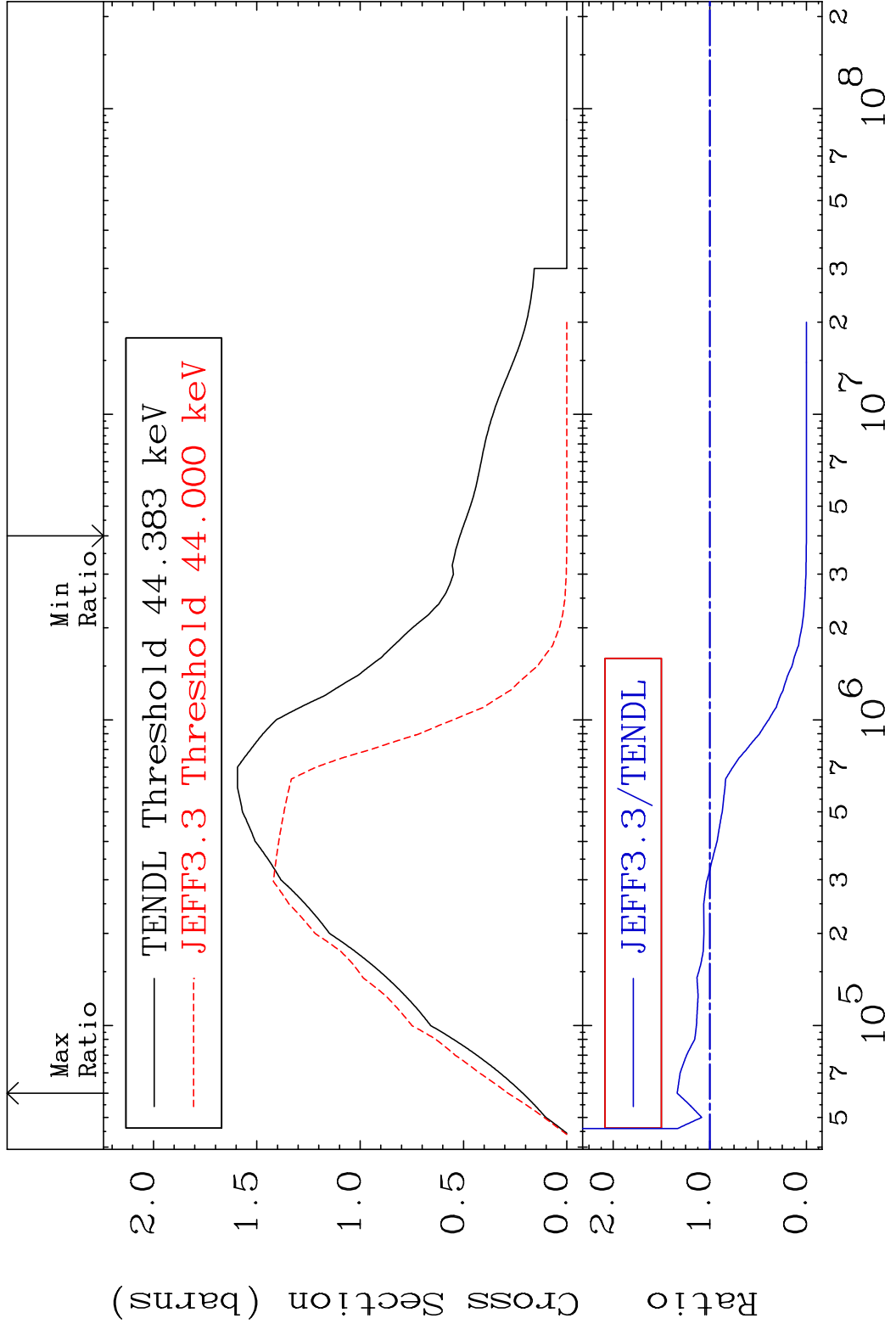
(n, 4n)

94-Pu-244

Cross Section 31.75 To 9999. %

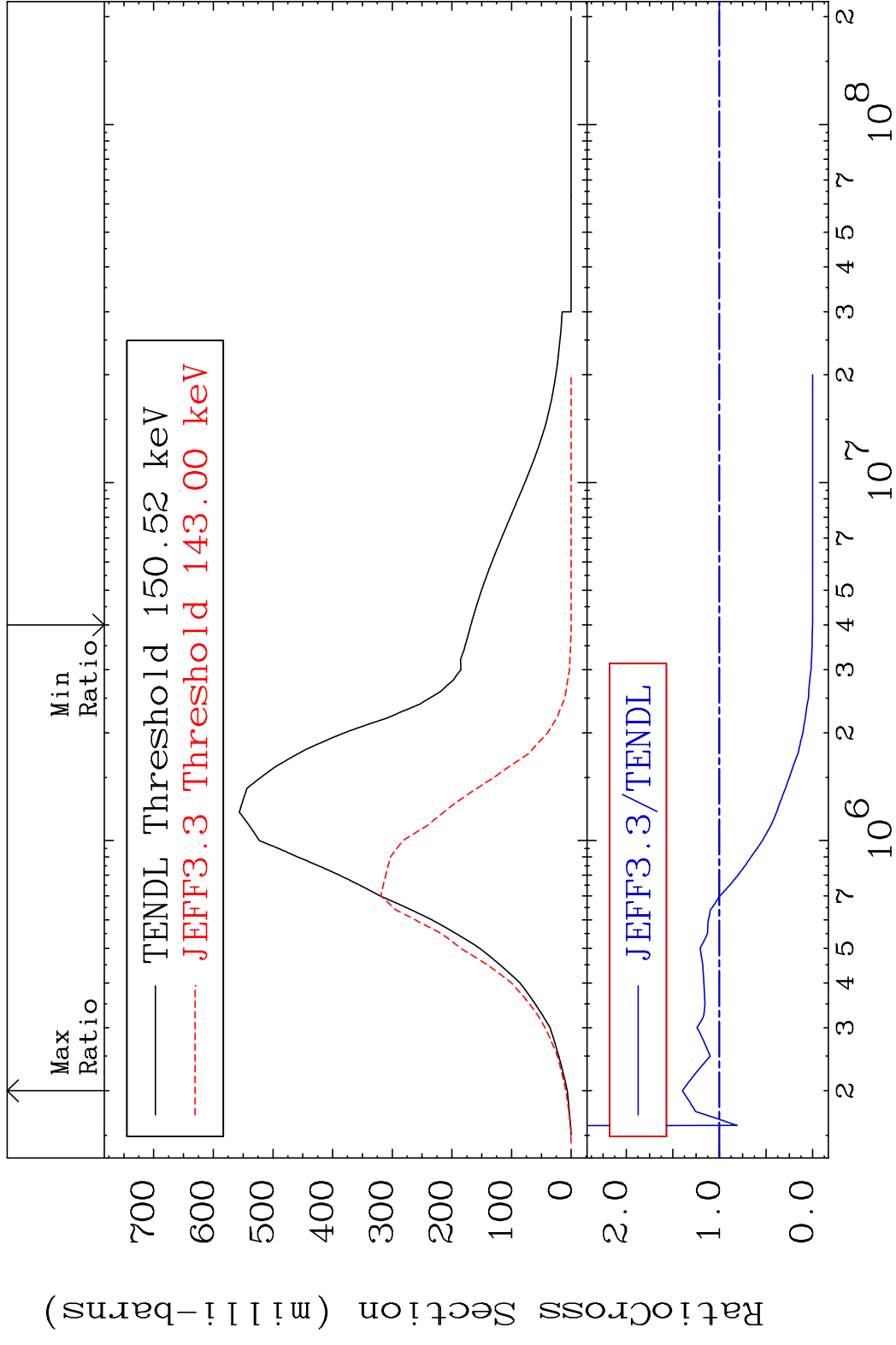


MAT 9452 MT= 51 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 33.74 %

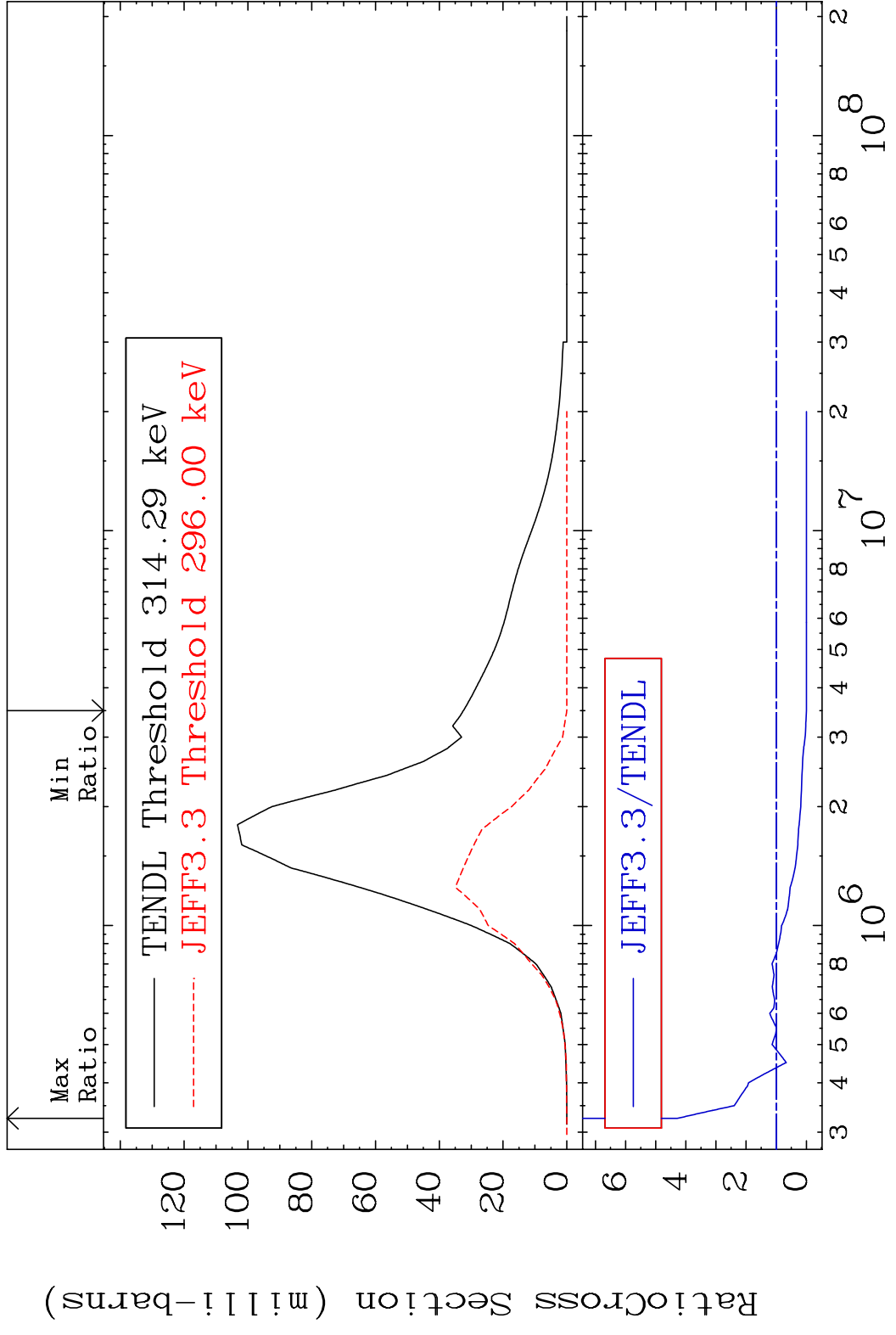


10 Incident Energy (eV) 94-Pu-244

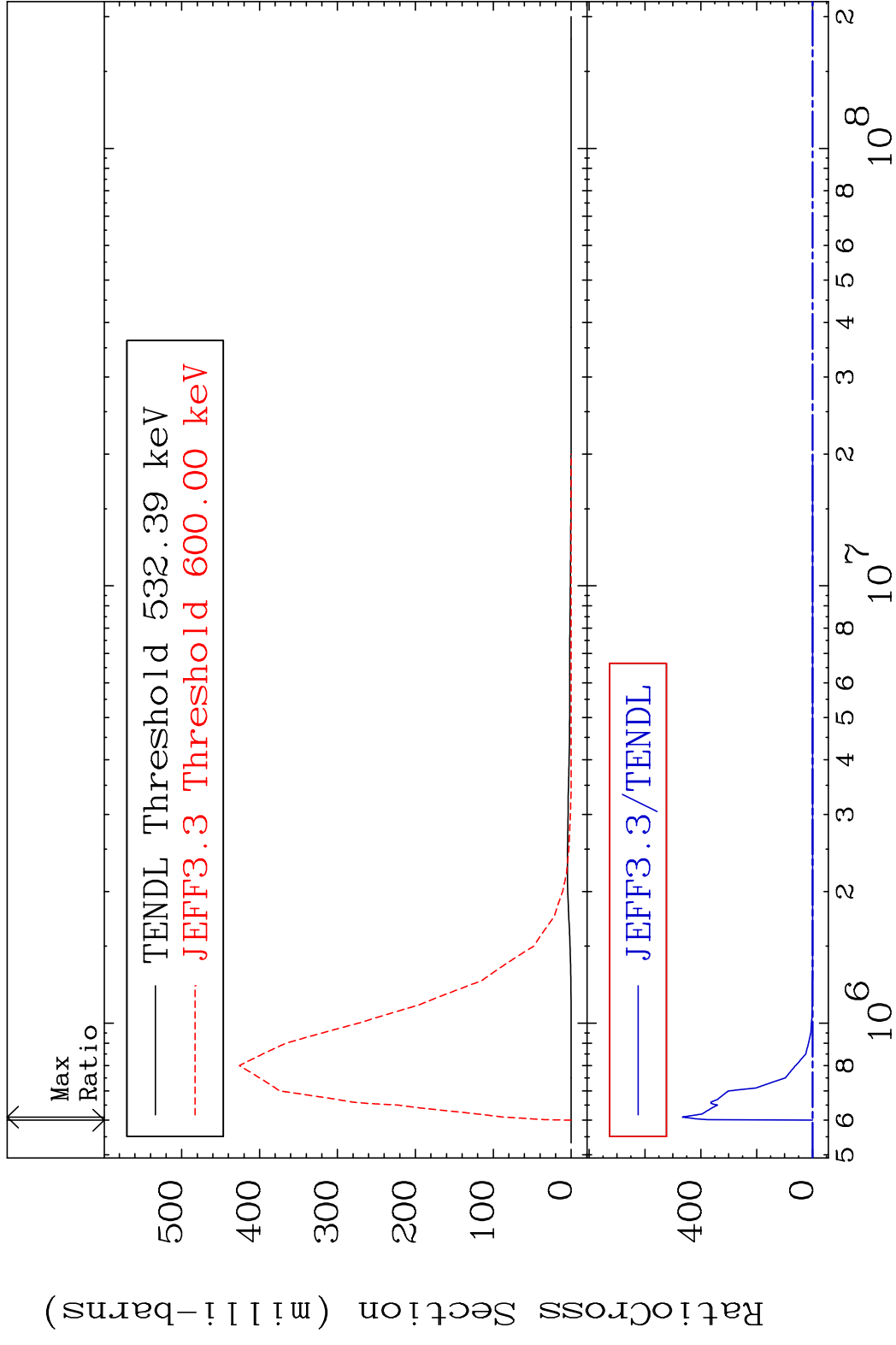
MAT 9452 MT= 52 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 39.80 %



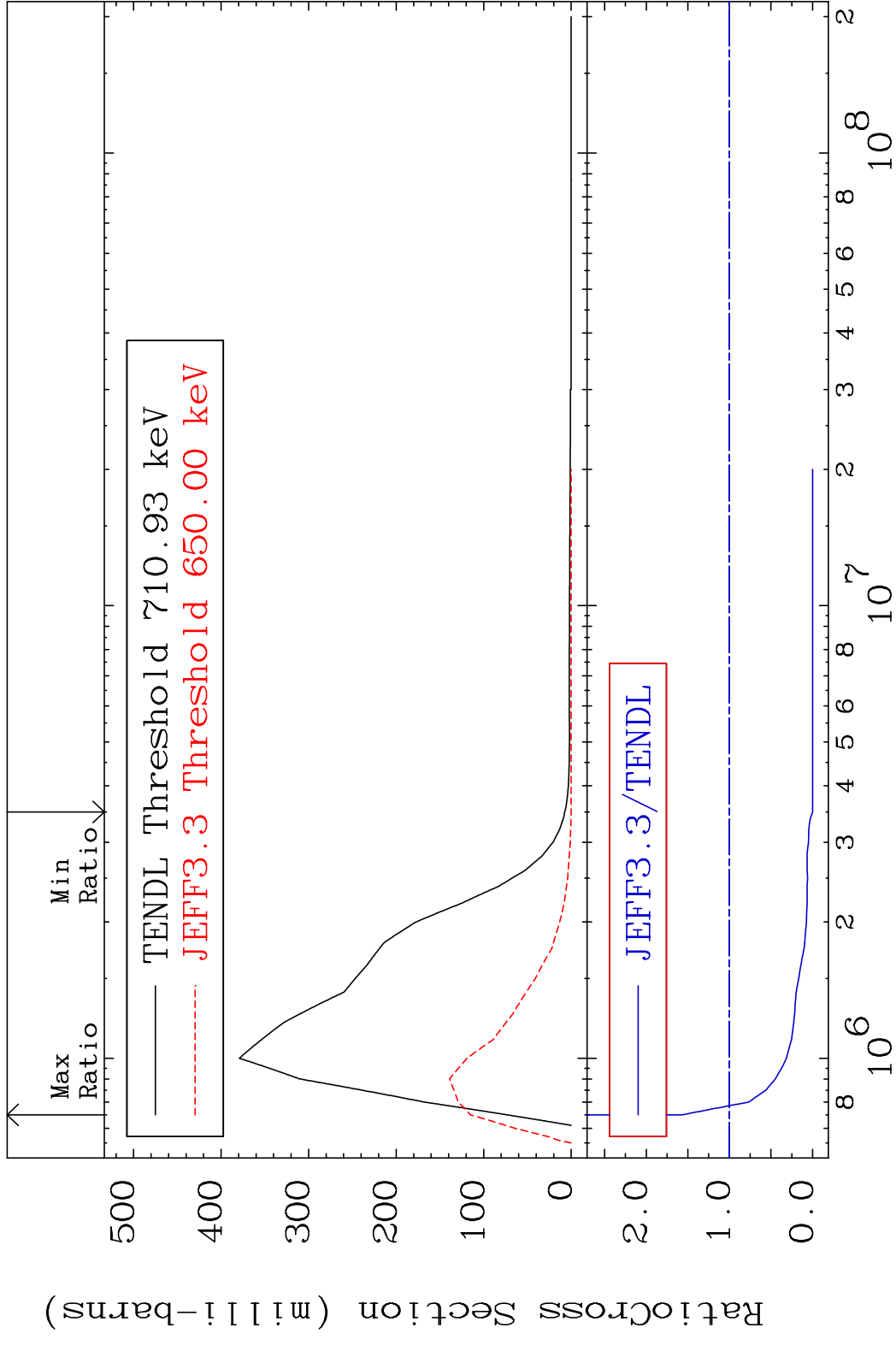
MAT 9452 MT= 53 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 328.8 %



MAT 9452 MT= 54 (n,n') Level 94-Pu-244  
 Cross Section -100.0 To 9999. %



MAT 9452 MT= 55 (n,n') Level 94-Pu-244  
 Cross Section -100.0 To 56.59 %

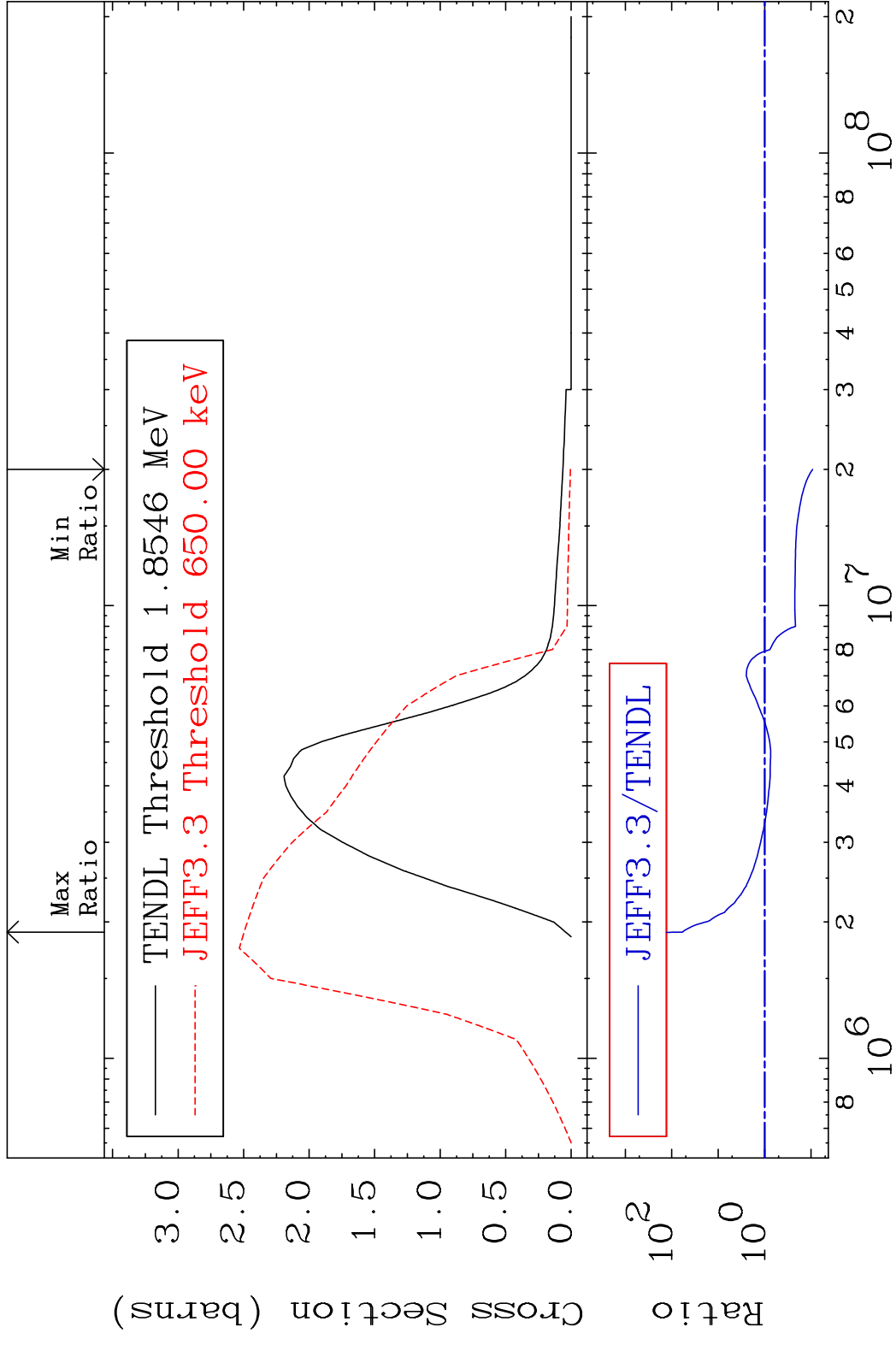


MAT 9452

(n,n') Continuum

94-Pu-244

Cross Section -90.71 To 5811. %

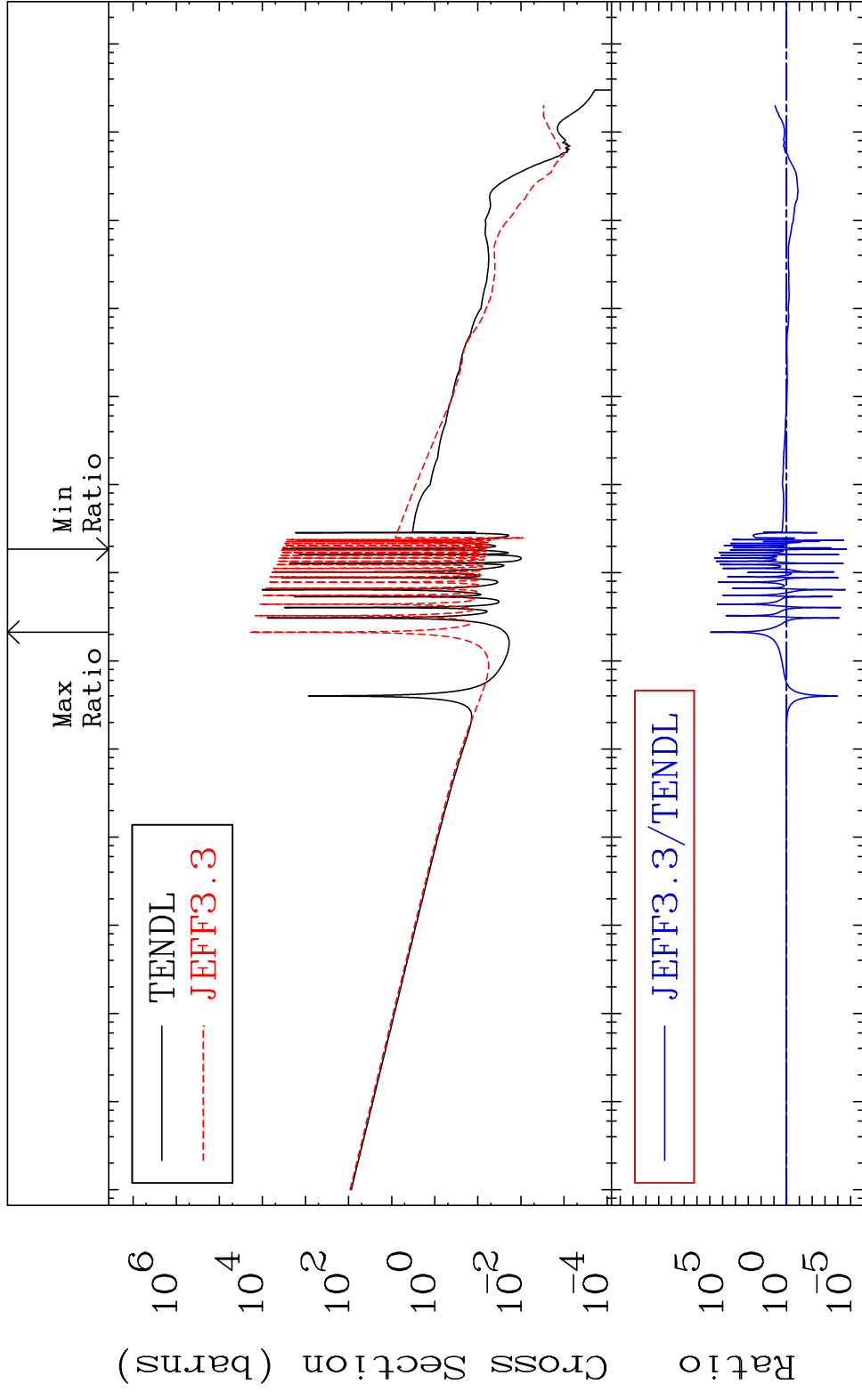




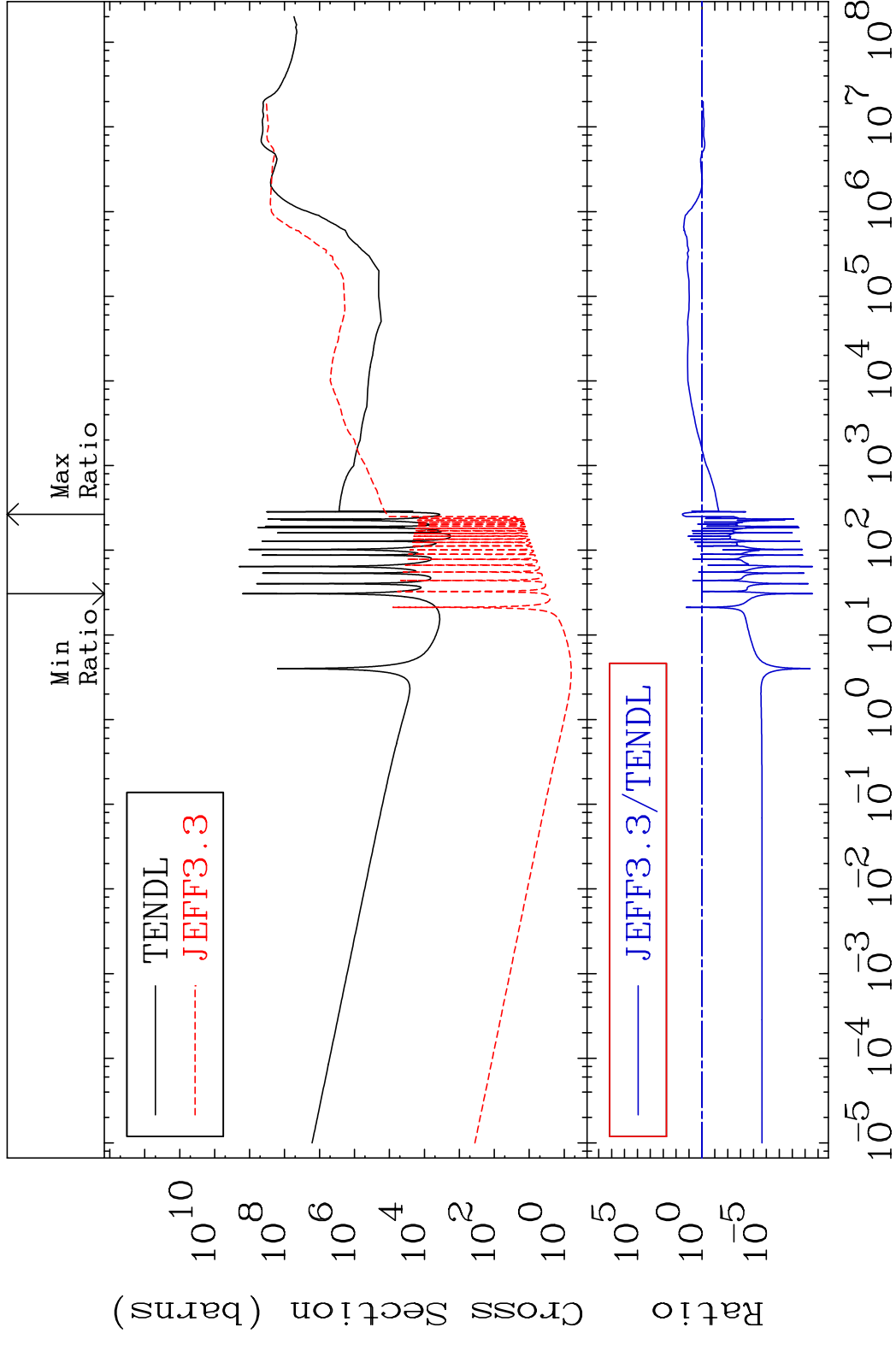
MAT 9452

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

94-Pu-244



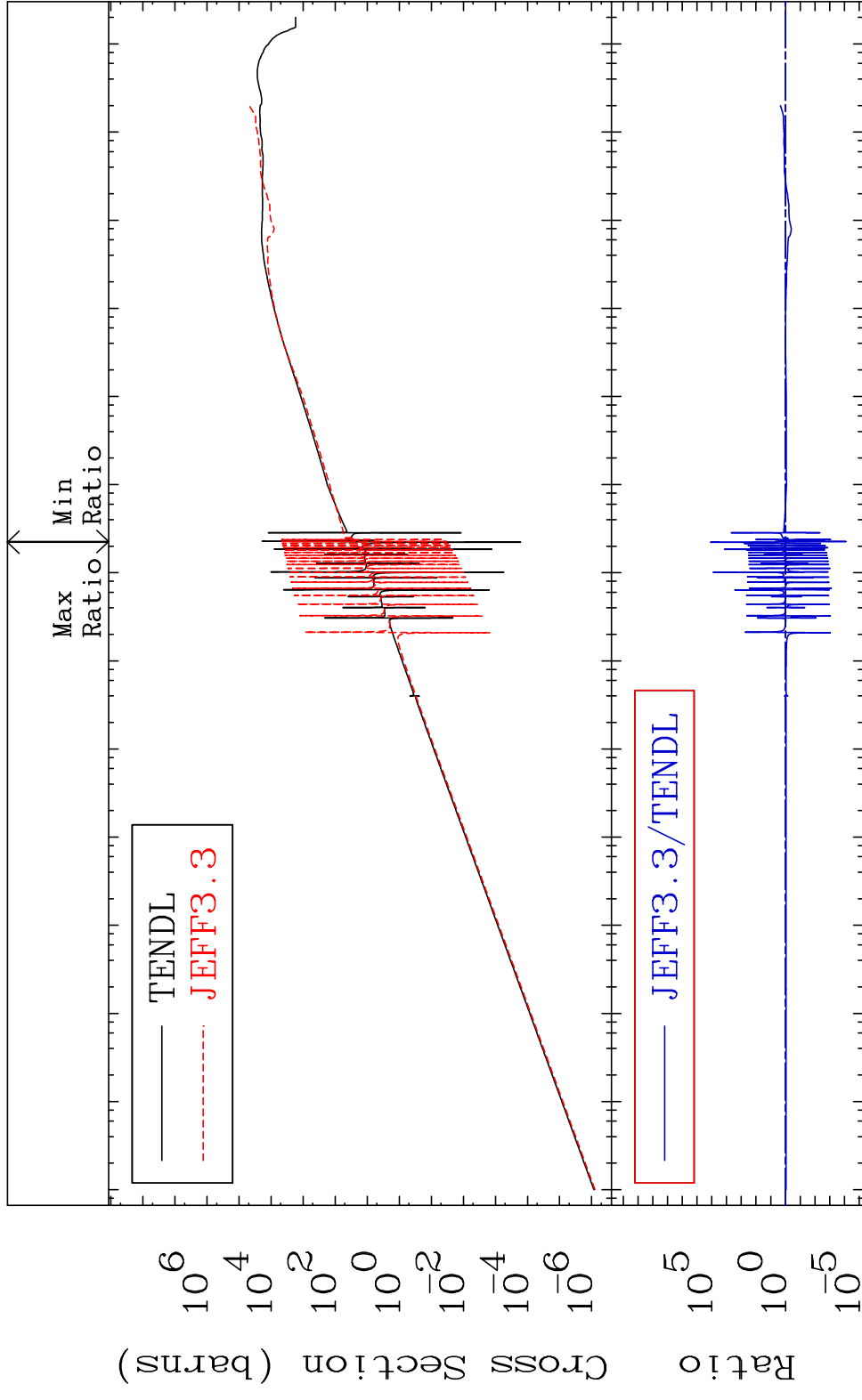
MAT 9452 Kerma total (eV-barns) 94-Pu-244  
 Cross Section -100.0 To 3179. %



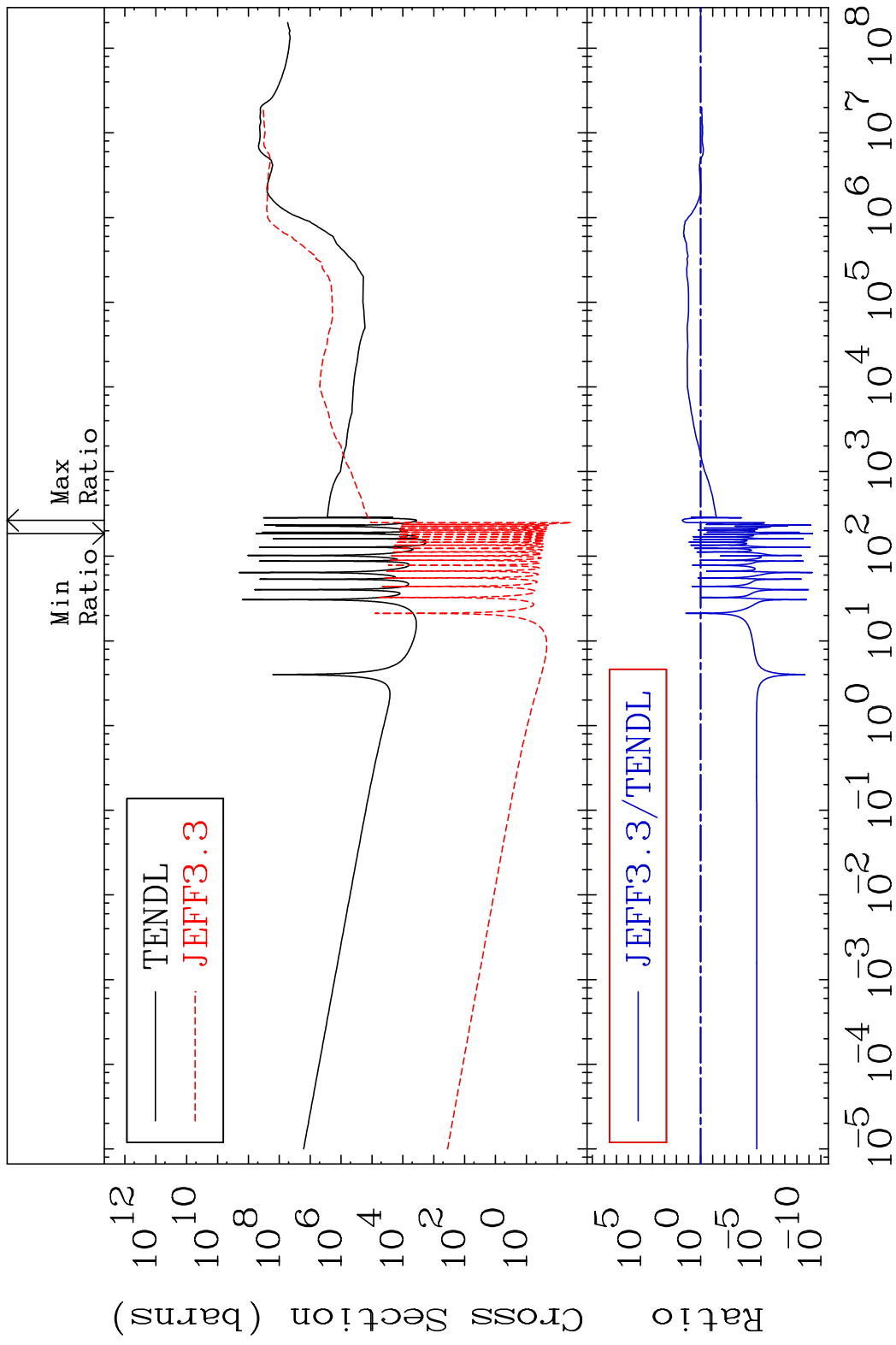
MAT 9452

Kerma elastic  
Cross Section -99.99 To 9999. %

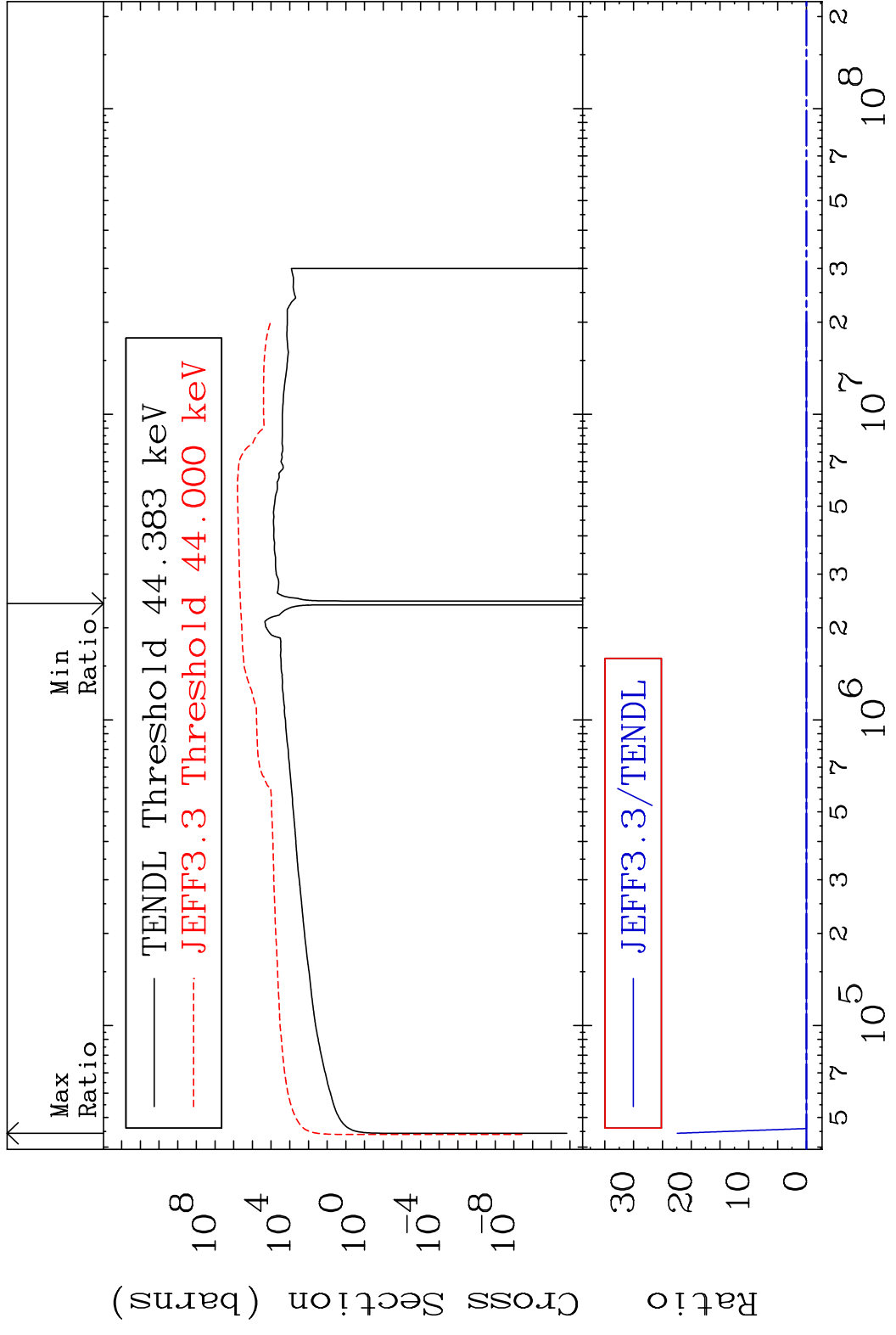
94-Pu-244



MAT 9452 Kerma non-elastic (all but mt2) 94-Pu-244  
 Cross Section -100.0 To 3204. %

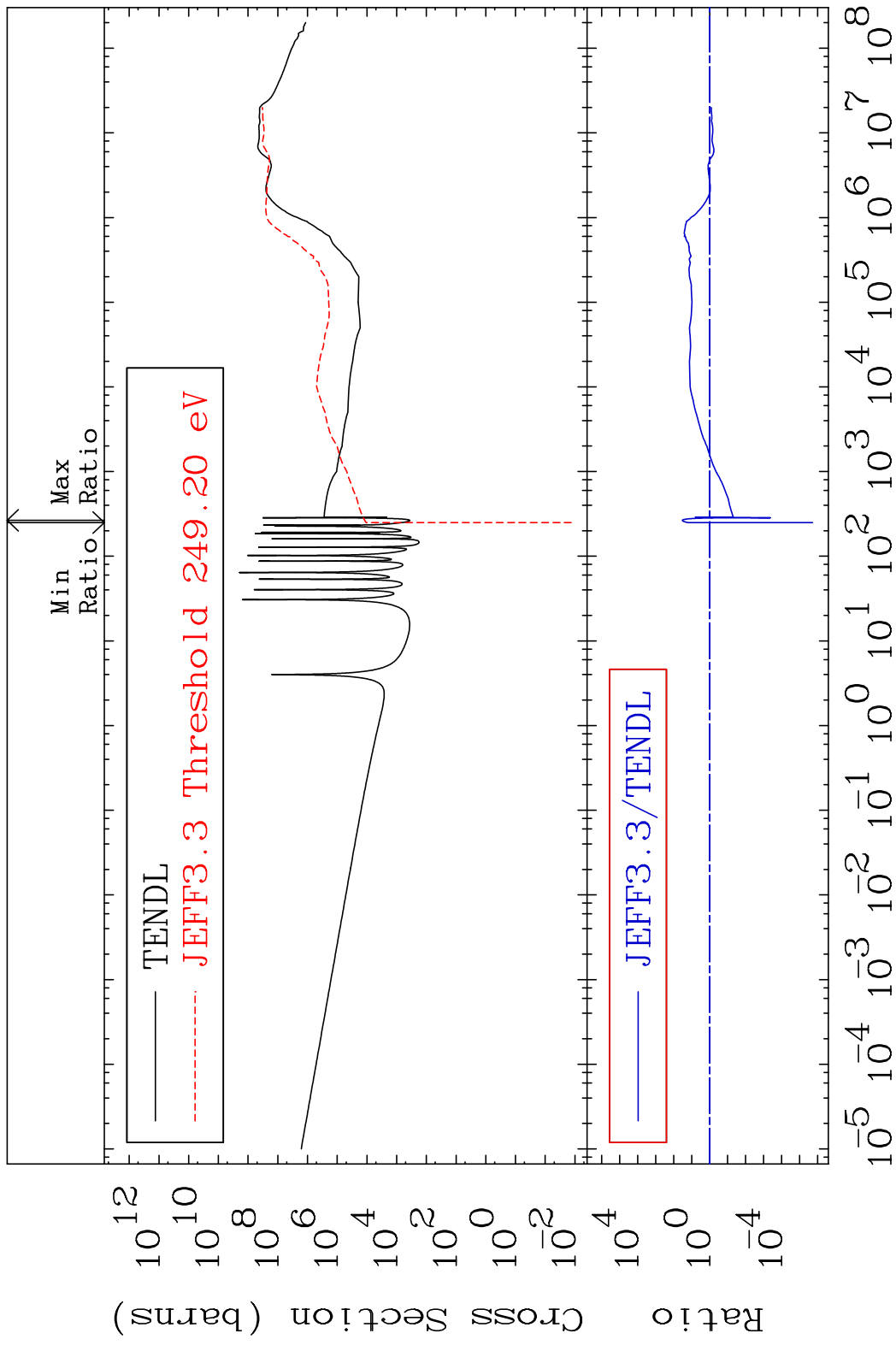


MAT 9452 Kerma inelastic (mt51-91) 94-Pu-244  
 Cross Section -9999. To 9999. %



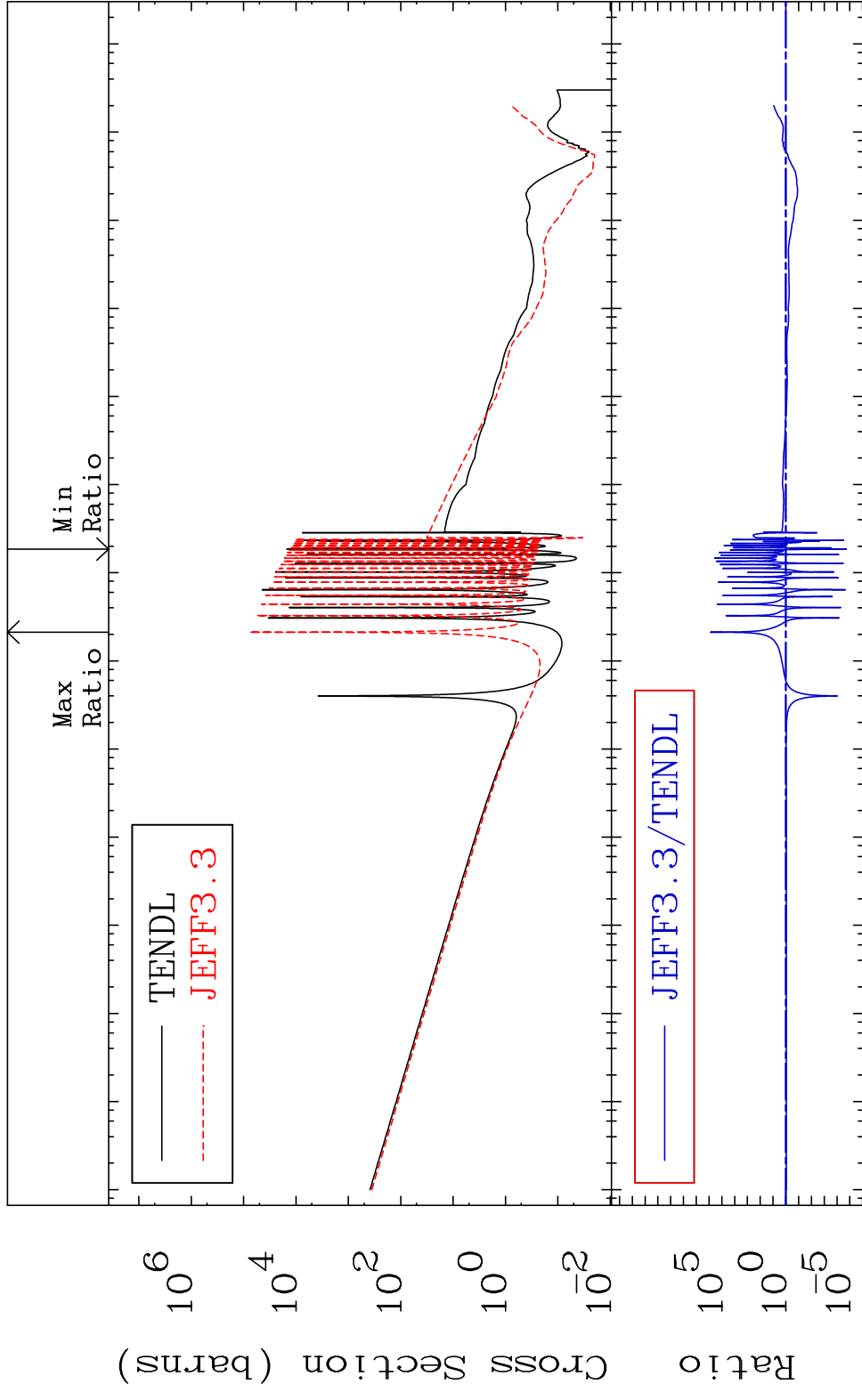
20 Incident Energy (eV) 94-Pu-244

MAT 9452 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-244  
 Cross Section -100.0 To 3203. %

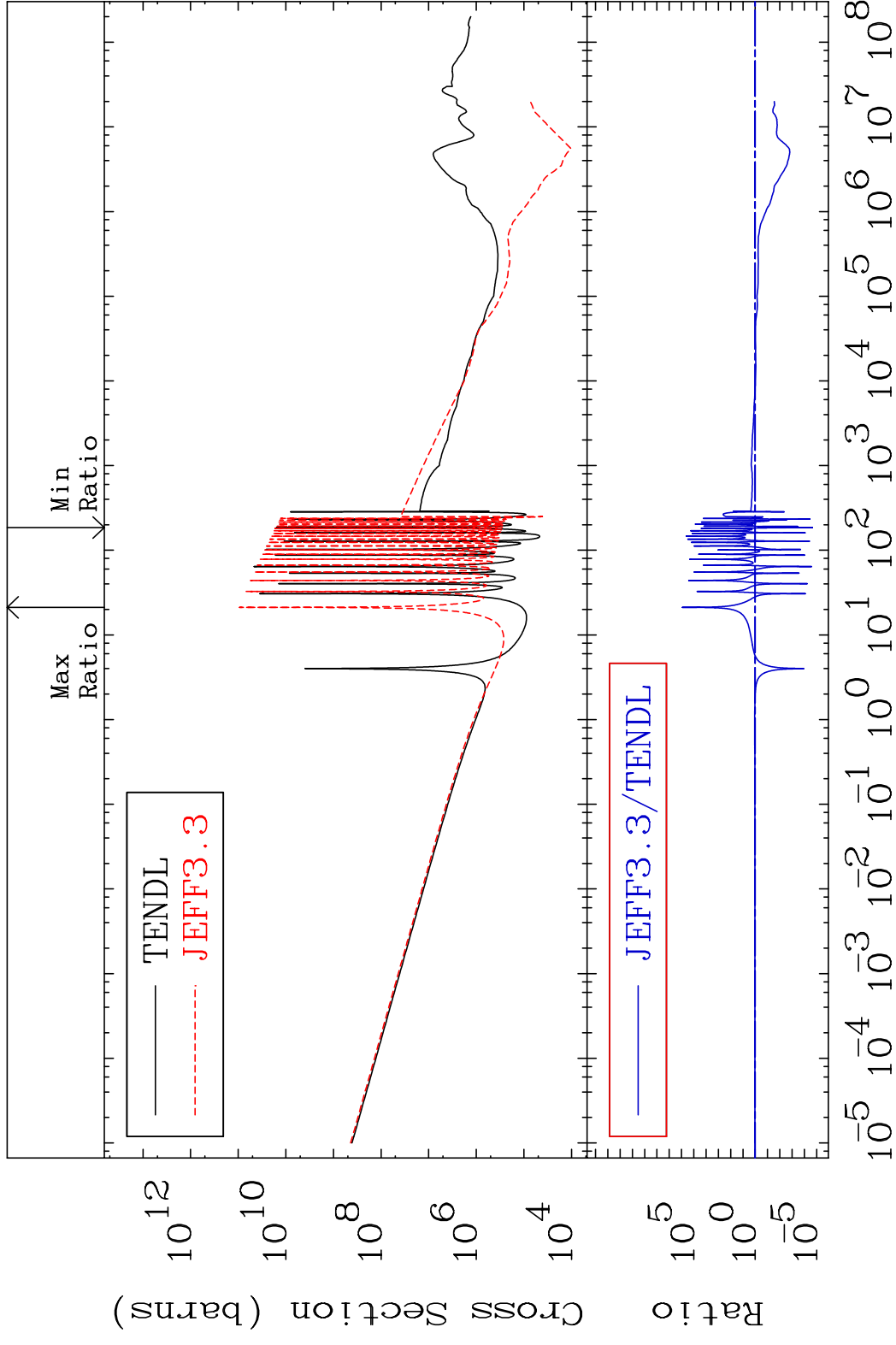


MAT 9452

Kerma capture (mt102) 94-Pu-244  
Cross Section -100.0 To 9999. %

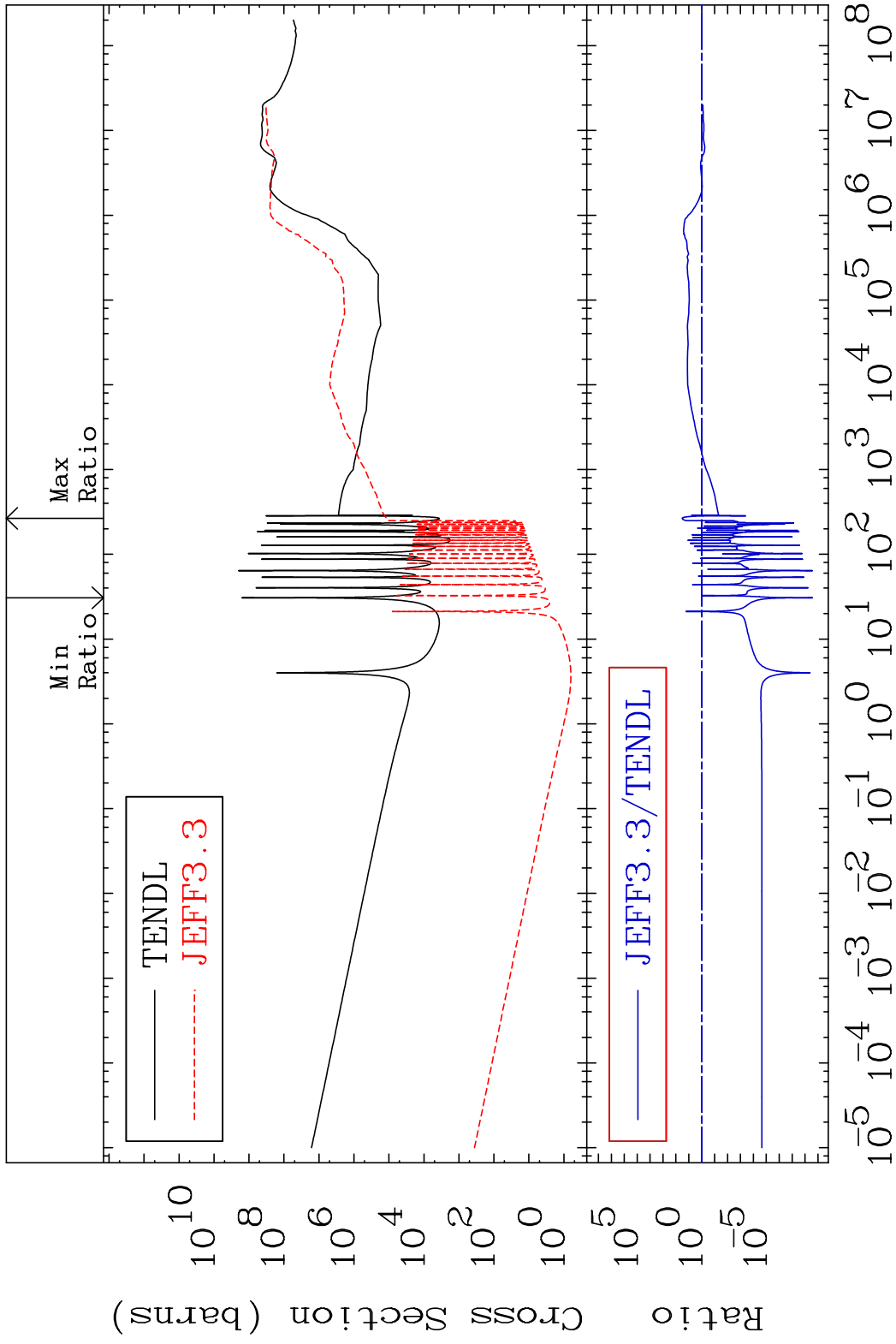


MAT 9452 Total photon (eV-barns) 94-Pu-244  
 Cross Section -100.0 To 9999. %

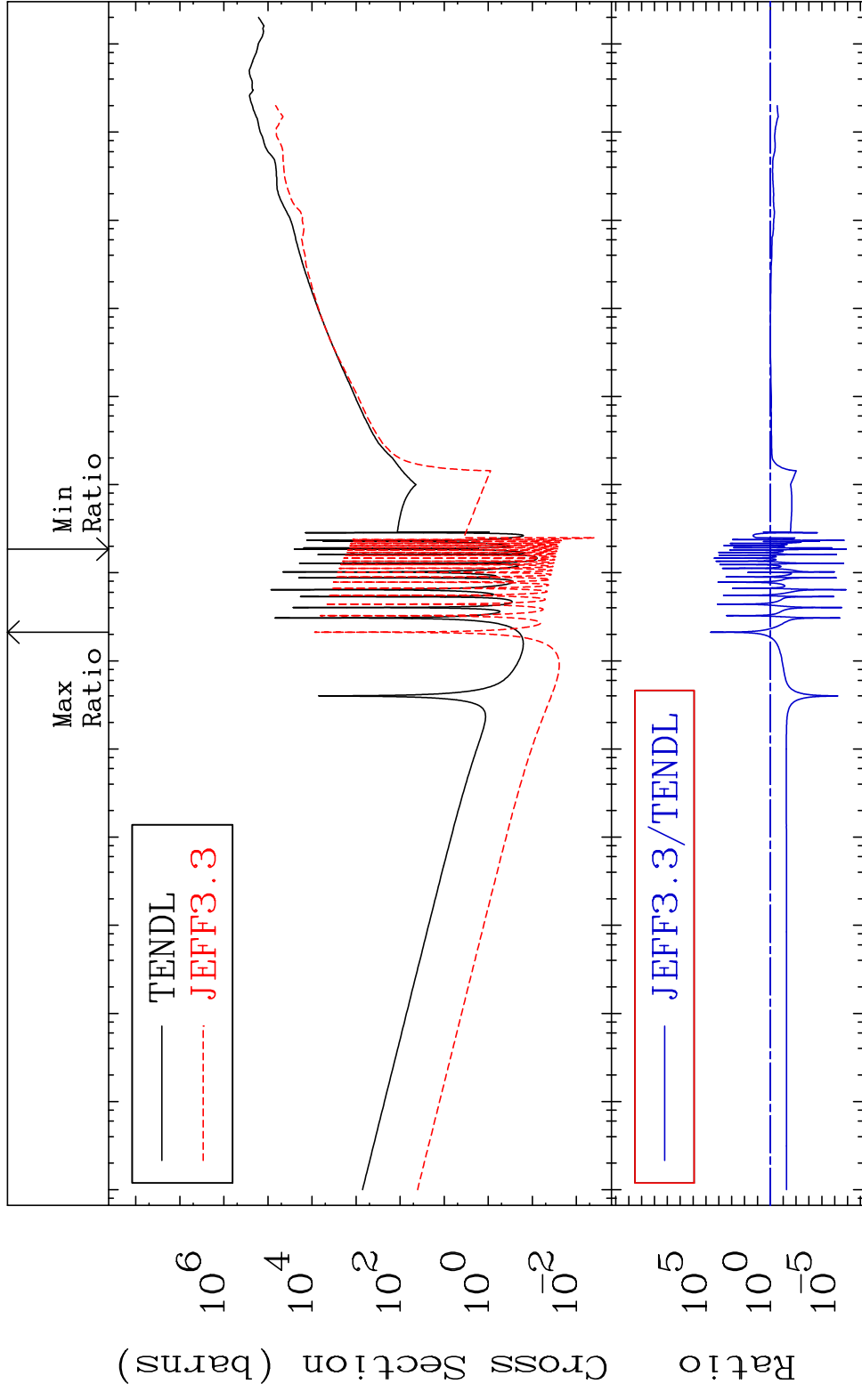




MAT 9452 Total kinematic kerma (high limit) 94-Pu-244  
 Cross Section -100.0 To 3179. %



MAT 9452      Dpa total (eV-barns)      94-Pu-244  
 Cross Section      -100.0 To 9999. %

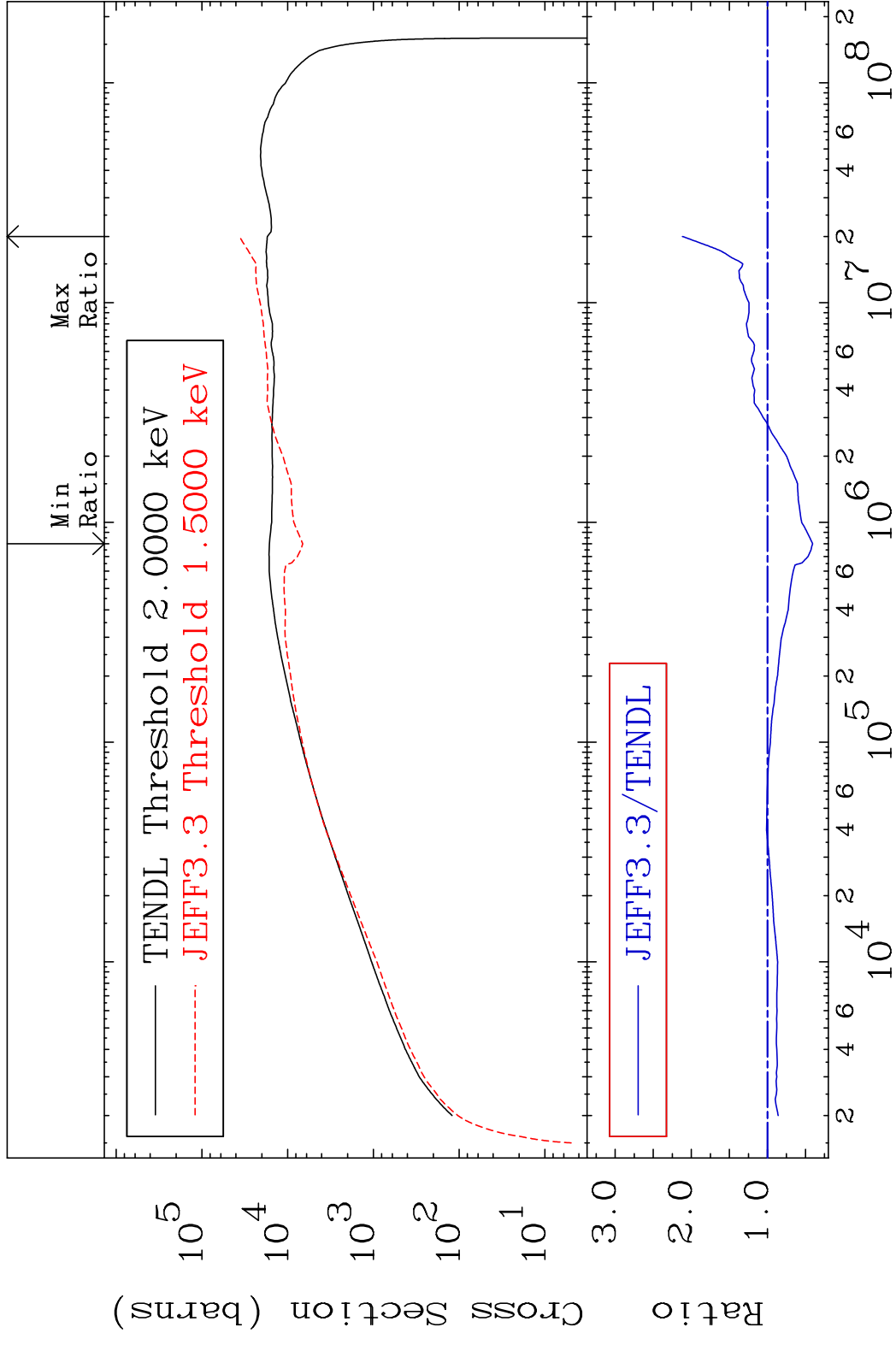


MAT 9452

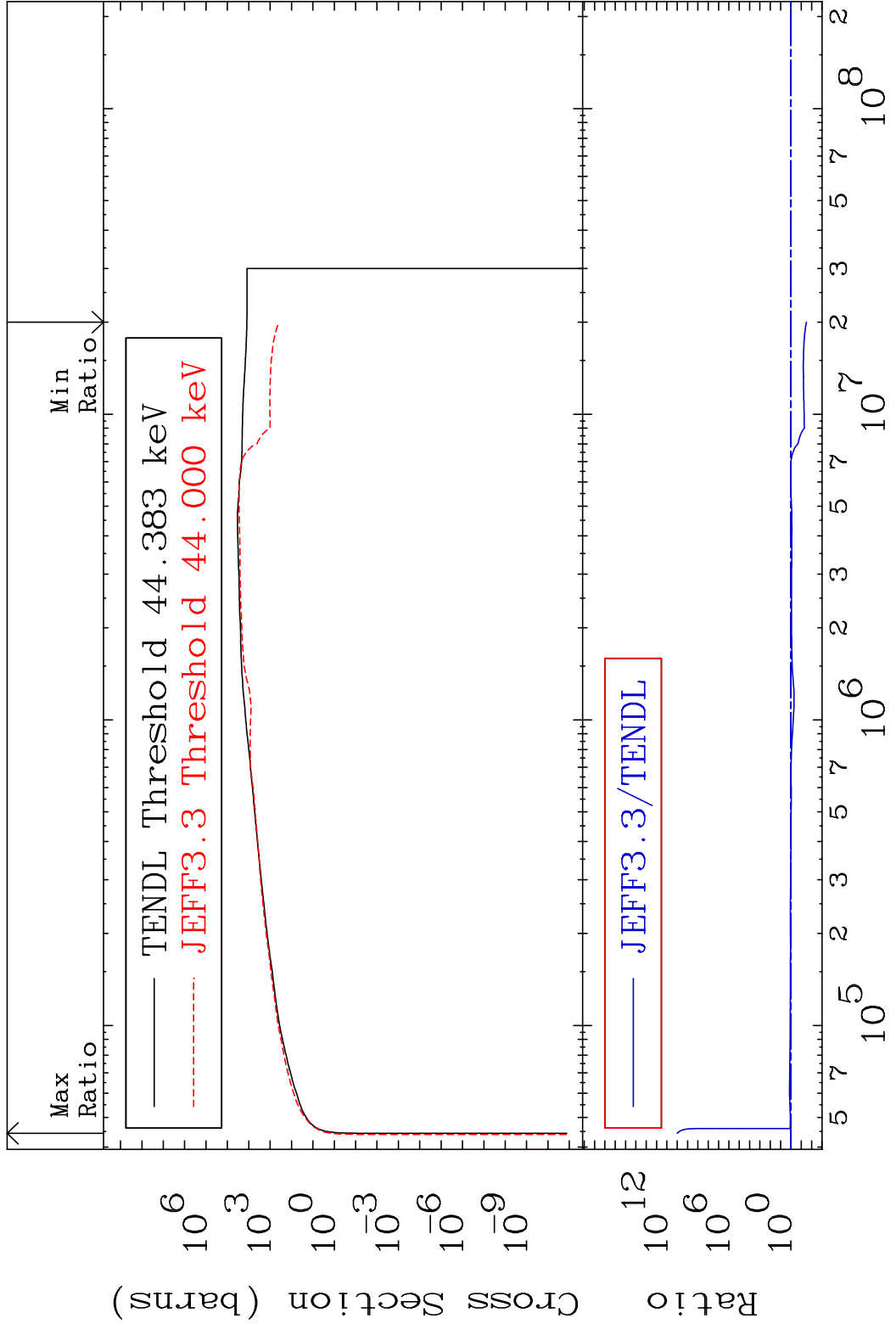
Dpa elastic (mt2)

94-Pu-244

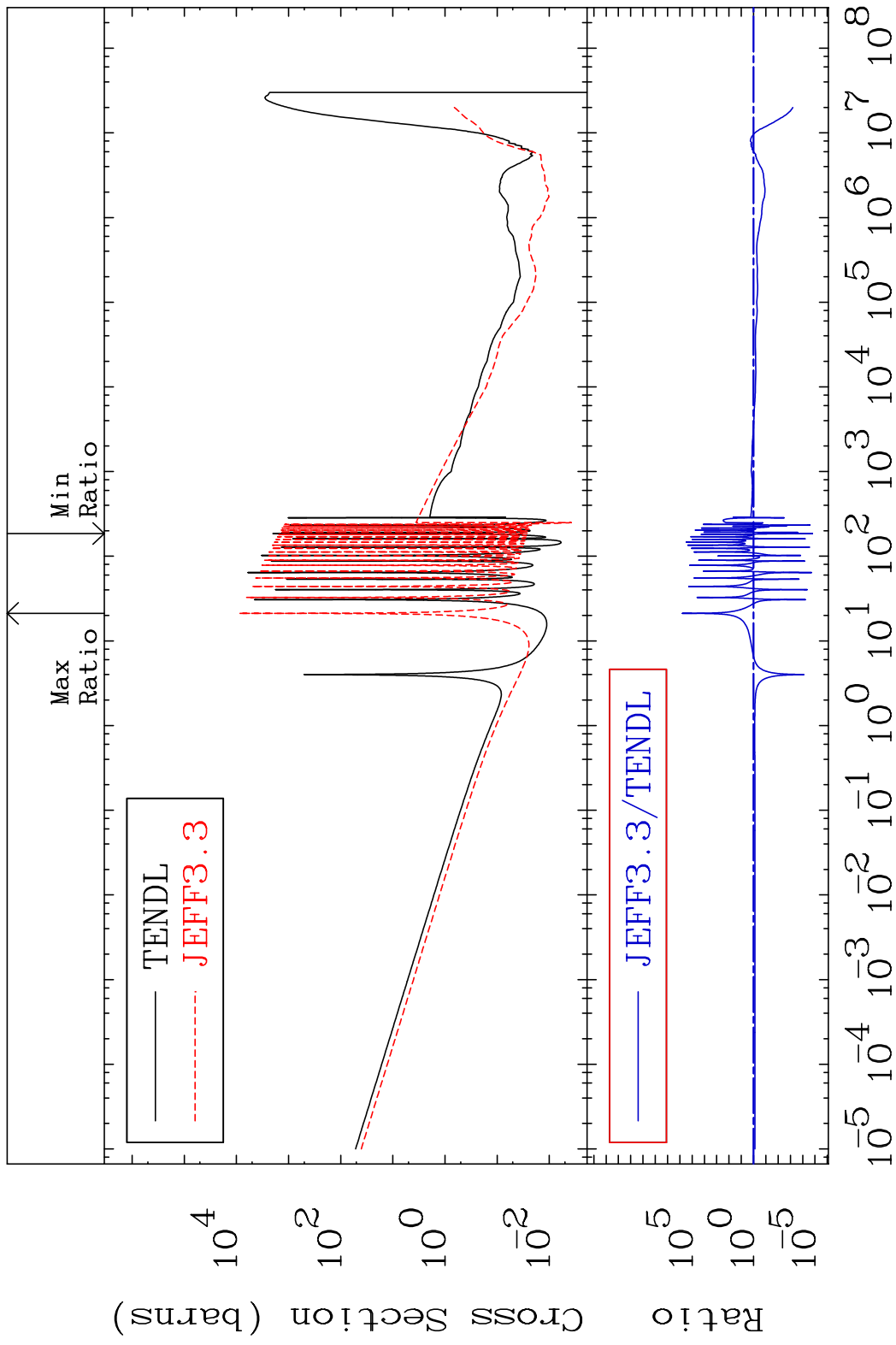
Cross Section -59.25 To 111.8 %



MAT 9452      Dpa inelastic (mt51-91)      94-Pu-244  
 Cross Section      -96.85 To 9999. %



MAT 9452 Dpa disappearance (mt102 -120) 94-Pu-244  
 Cross Section -100.0 To 9999. %

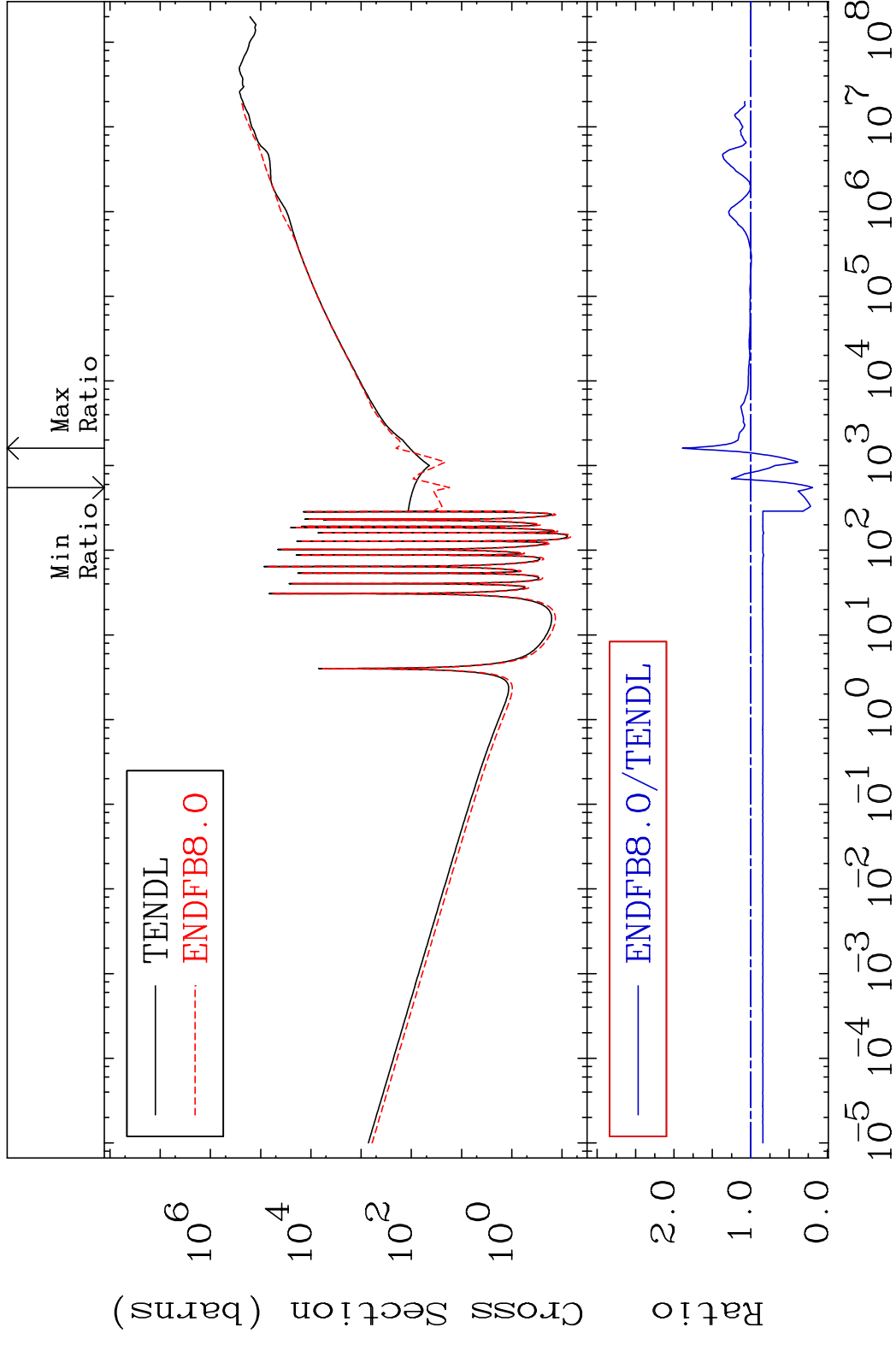


MAT 9452

Dpa total (eV-barns)

94-Pu-244

Cross Section -80.49 To 89.05 %



29

Incident Energy (eV)

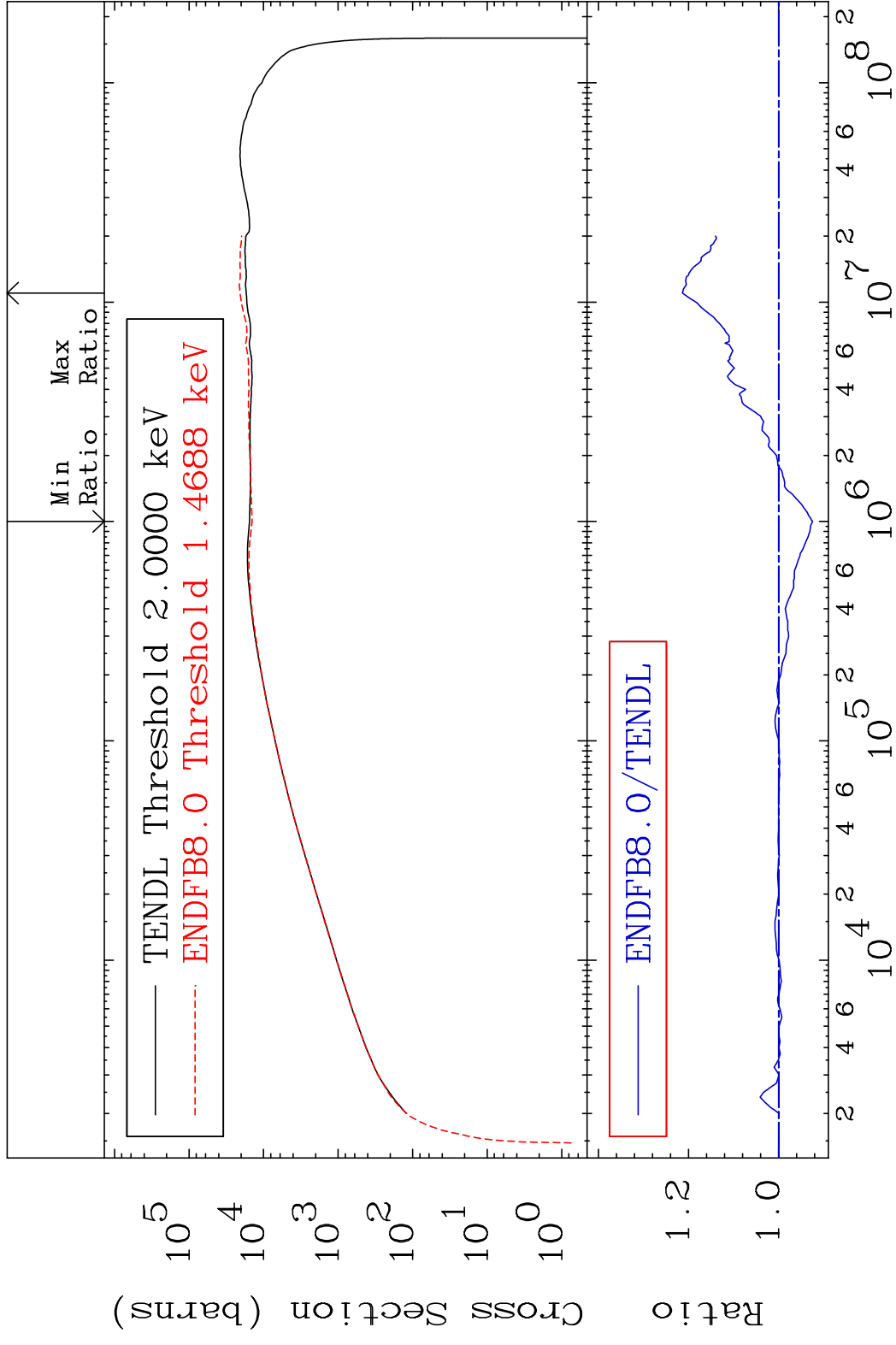
94-Pu-244

MAT 9452

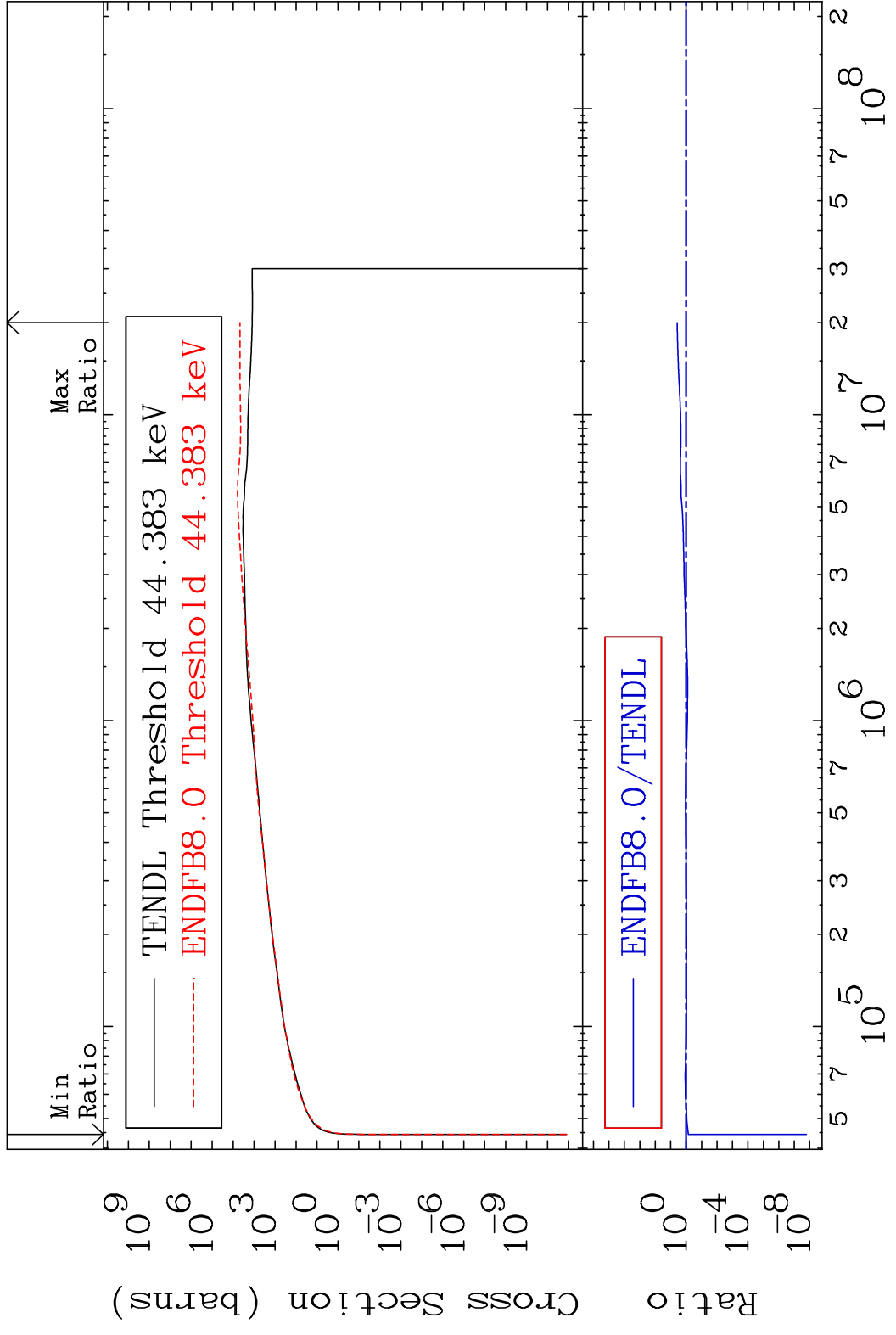
Dpa elastic (mt2)

94-Pu-244

Cross Section -7.516 To 21.40 %



MAT 9452      Dpa inelastic (mt51-91)      94-Pu-244  
 Cross Section      -100.0 To 278.4 %





MAT 9452    Dpa disappearance (mt102 -120)    94-Pu-244  
 Cross Section    -99.99 To 5.146 %

