

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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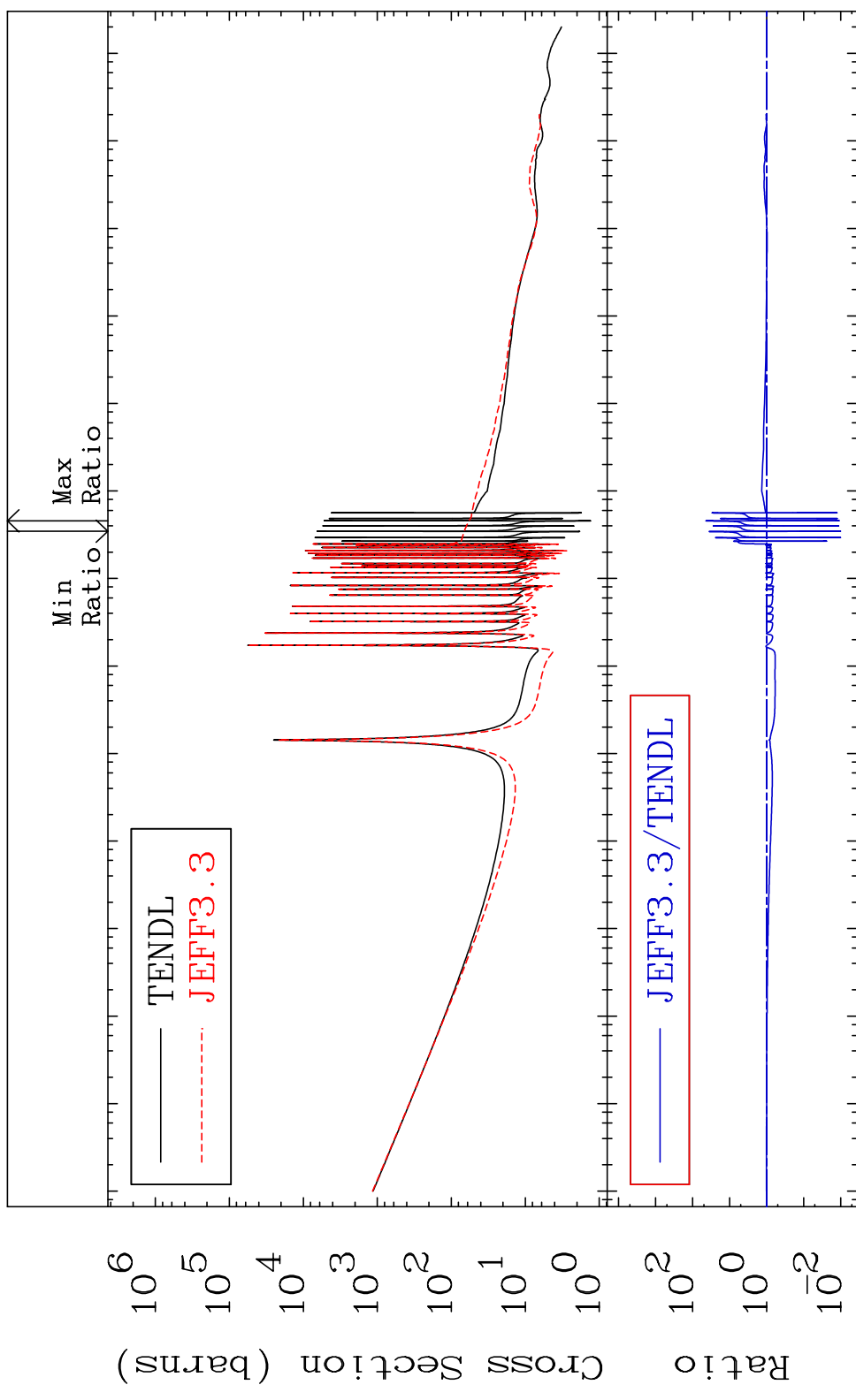
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9034

Total Cross Section -98.98 To 4328. %  
90-Th-230



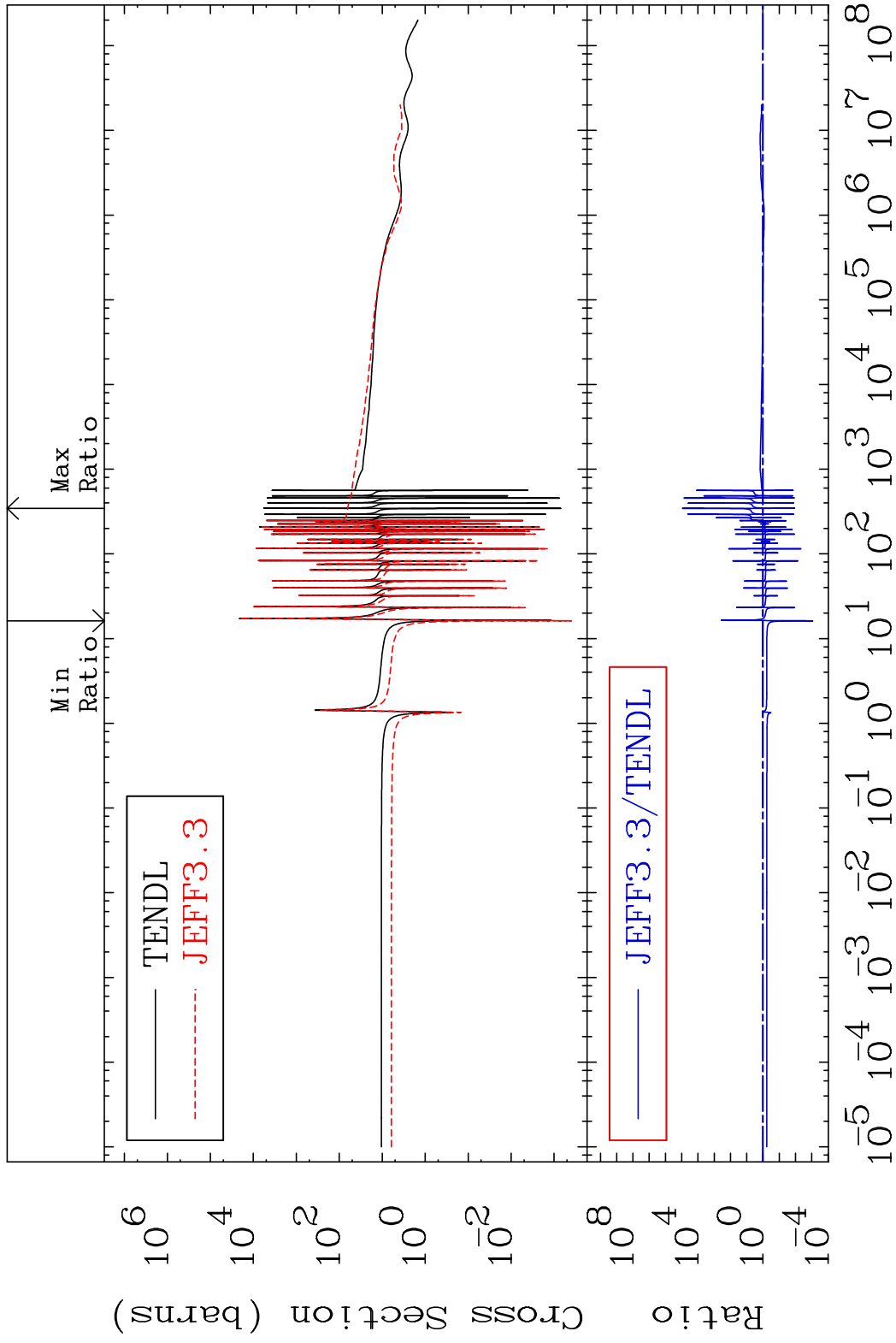
1 Incident Energy (eV) 90-Th-230

MAT 9034

Elastic

90-Th-230

Cross Section -99.91 To 9999. %



2

Incident Energy (eV)

90-Th-230

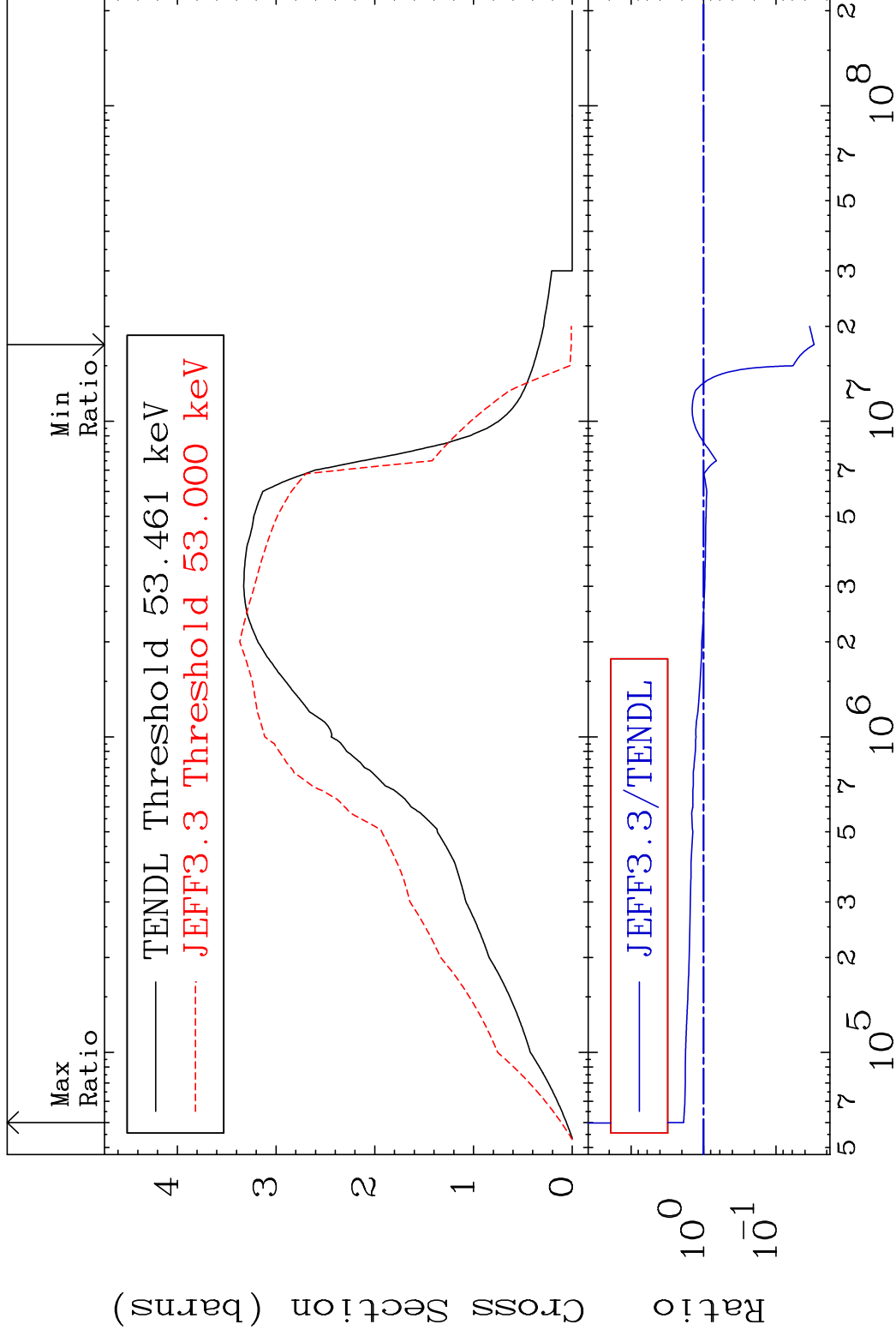
MAT 9034

Inelastic

90-Th-230

Cross Section

-97.01 To 88.49 %



3

Incident Energy (eV)

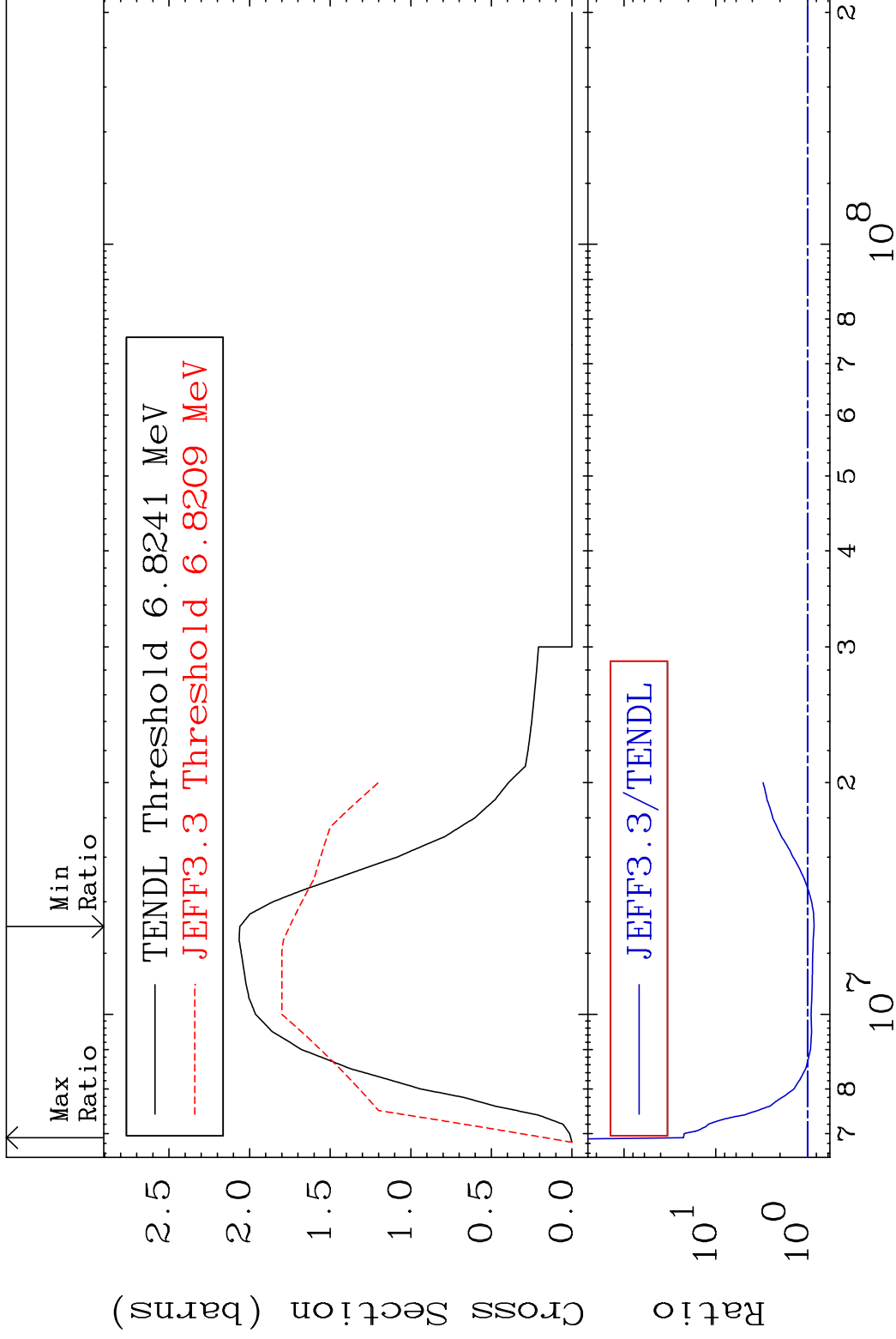
90-Th-230

MAT 9034

(n,2n)

90-Th-230

Cross Section -14.98 To 2153. %



4

Incident Energy (eV)

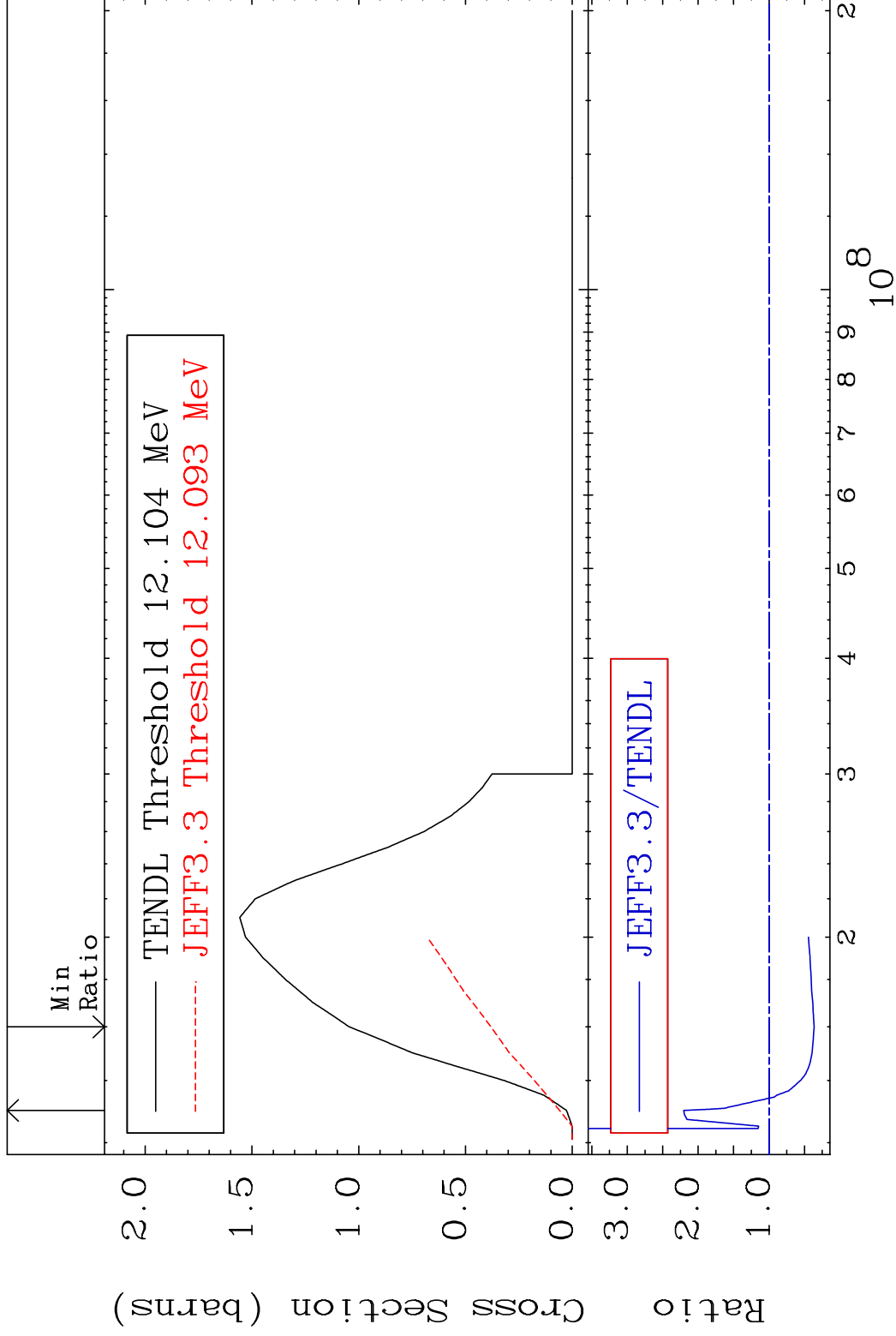
90-Th-230

MAT 9034

(n,3n)

90-Th-230

Cross Section -63.52 To 120.4 %



5

Incident Energy (eV)

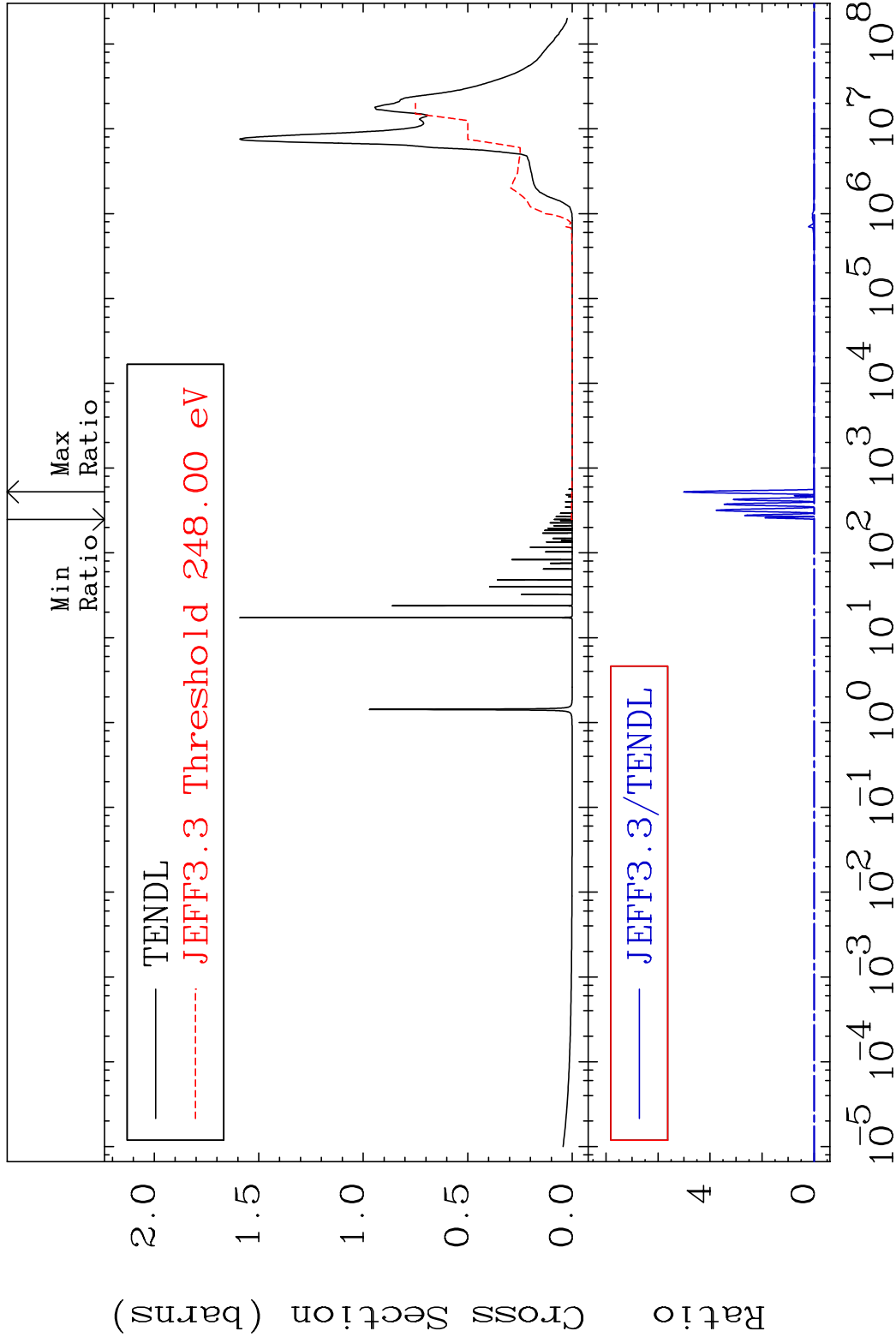
90-Th-230

MAT 9034

Fission

90-Th-230

Cross Section -100.0 To 9999. %

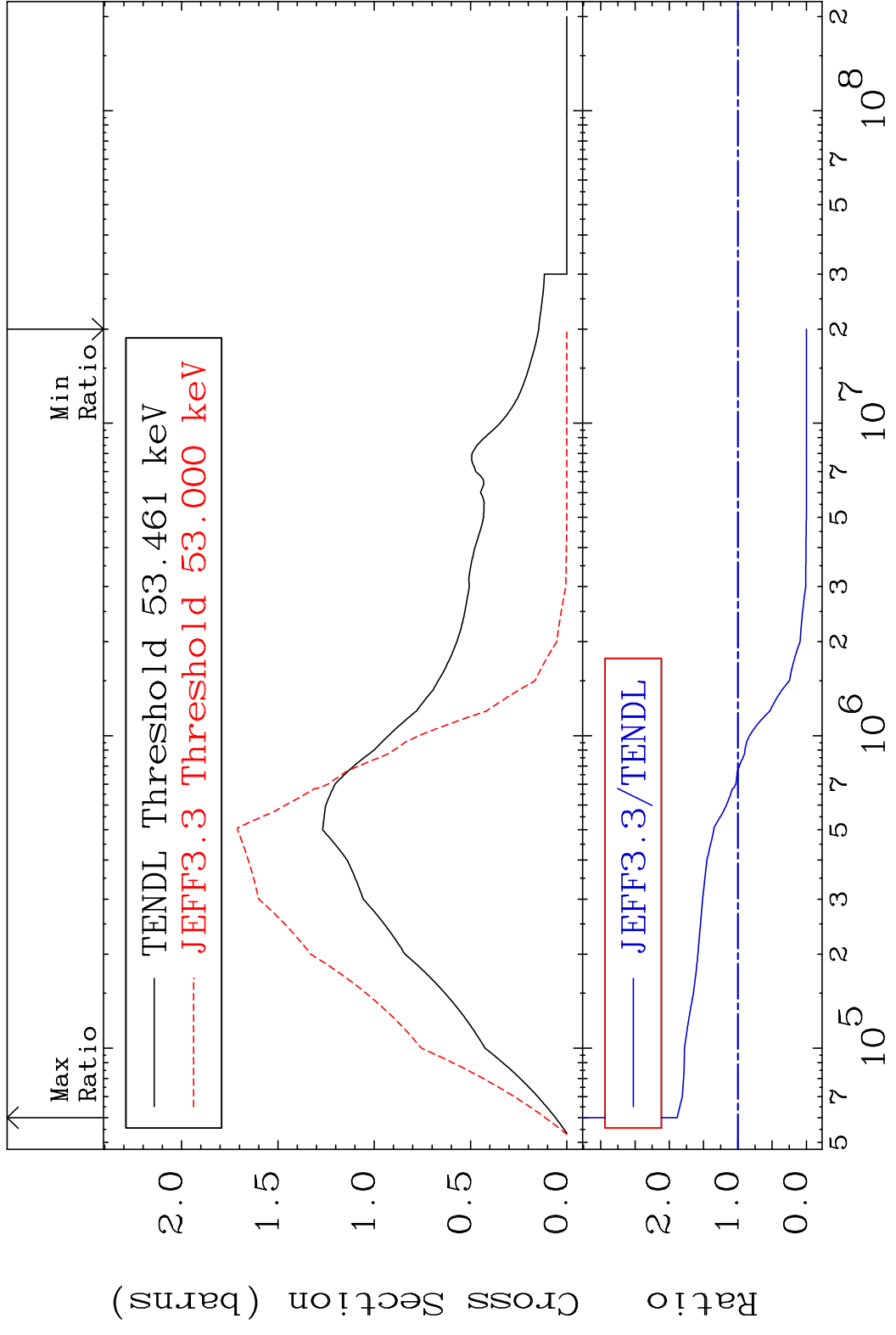


6

Incident Energy (eV)

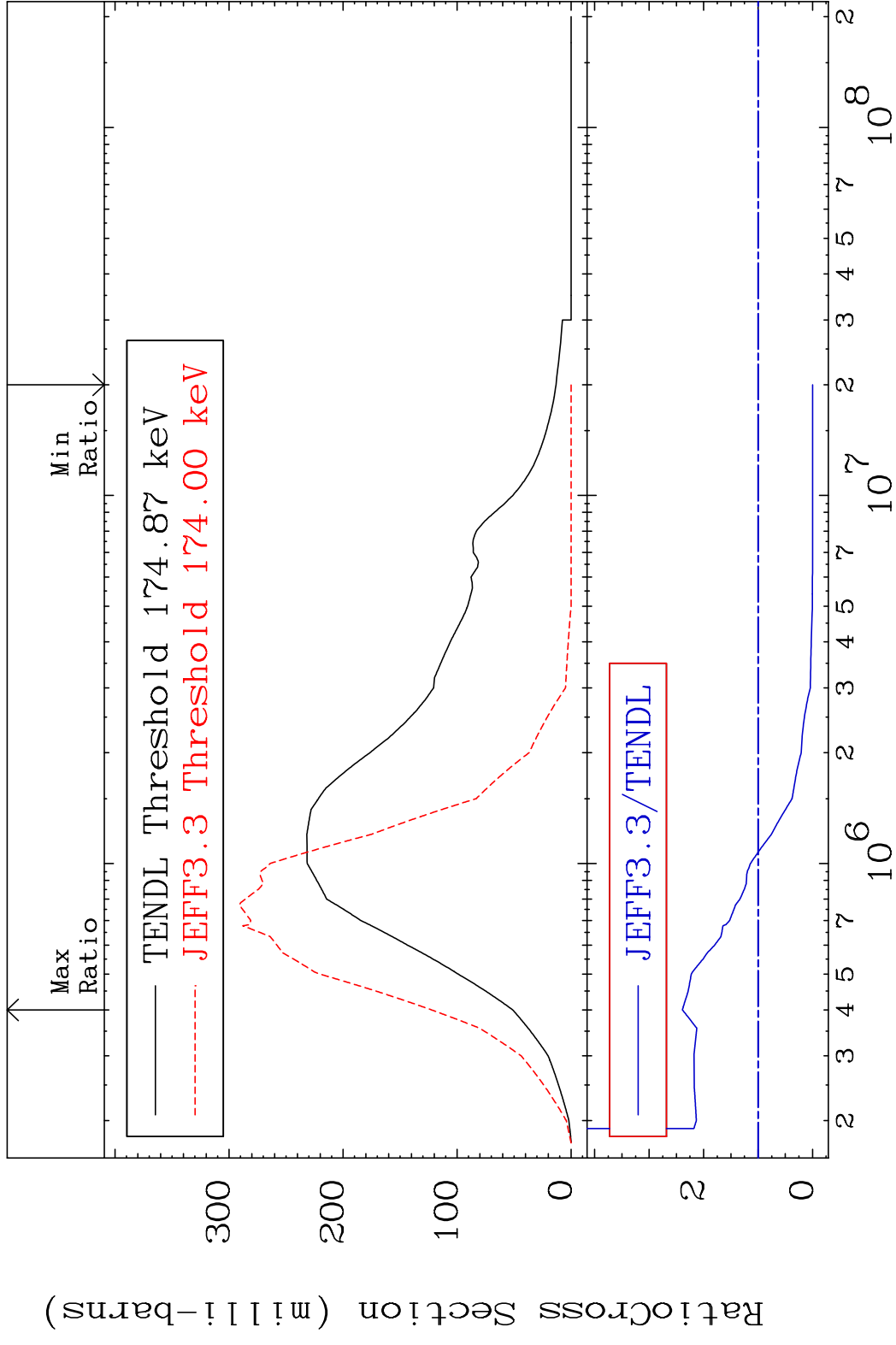
90-Th-230

MAT 9034 MT= 51 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 88.49 %



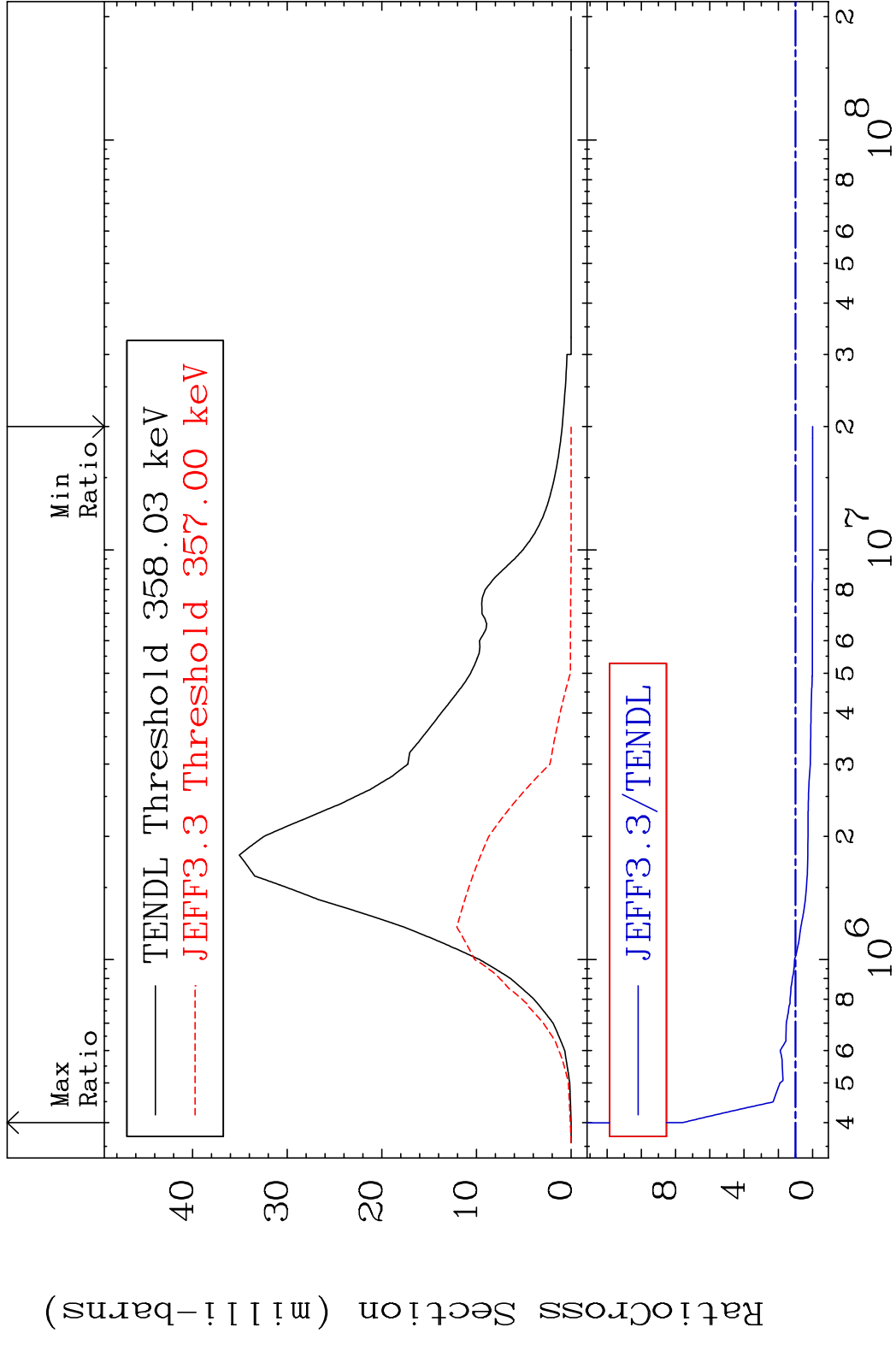
7 Incident Energy (eV) 90-Th-230

MAT 9034 MT= 52 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 139.0 %

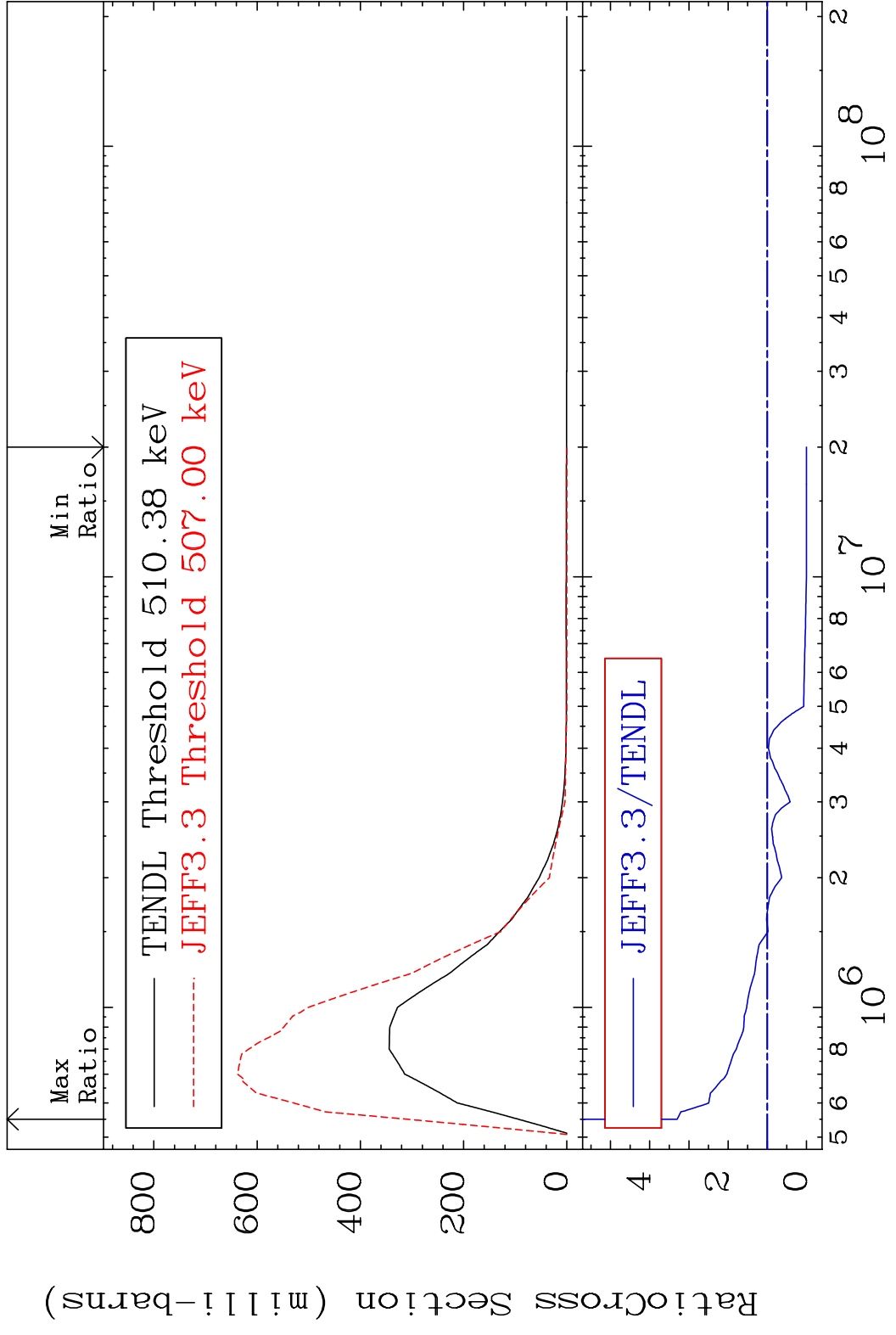


8 Incident Energy (eV) 90-Th-230

MAT 9034 MT= 53 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 660.5 %

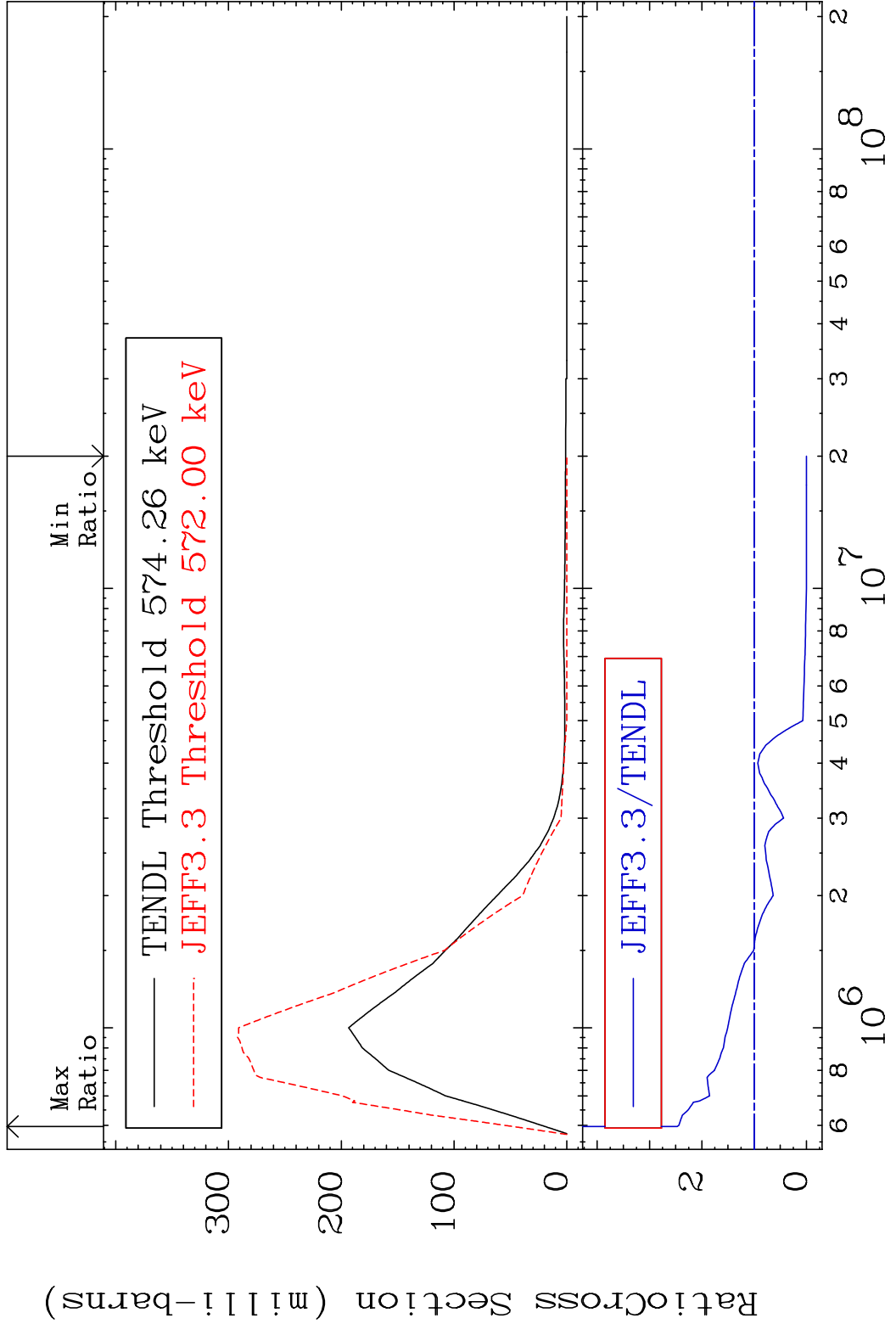


MAT 9034 MT= 54 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 229.9 %

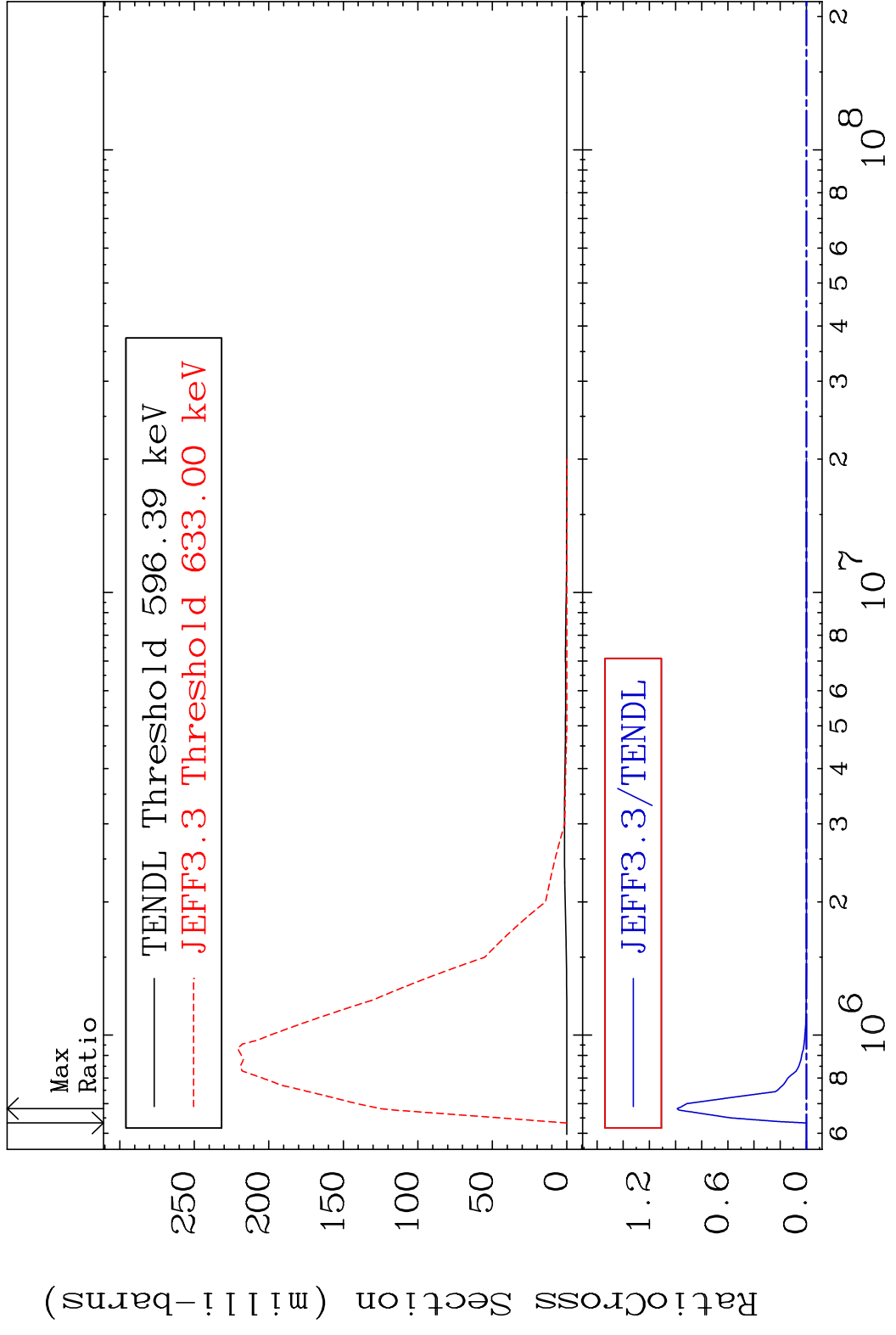


10 Incident Energy (eV) 90-Th-230

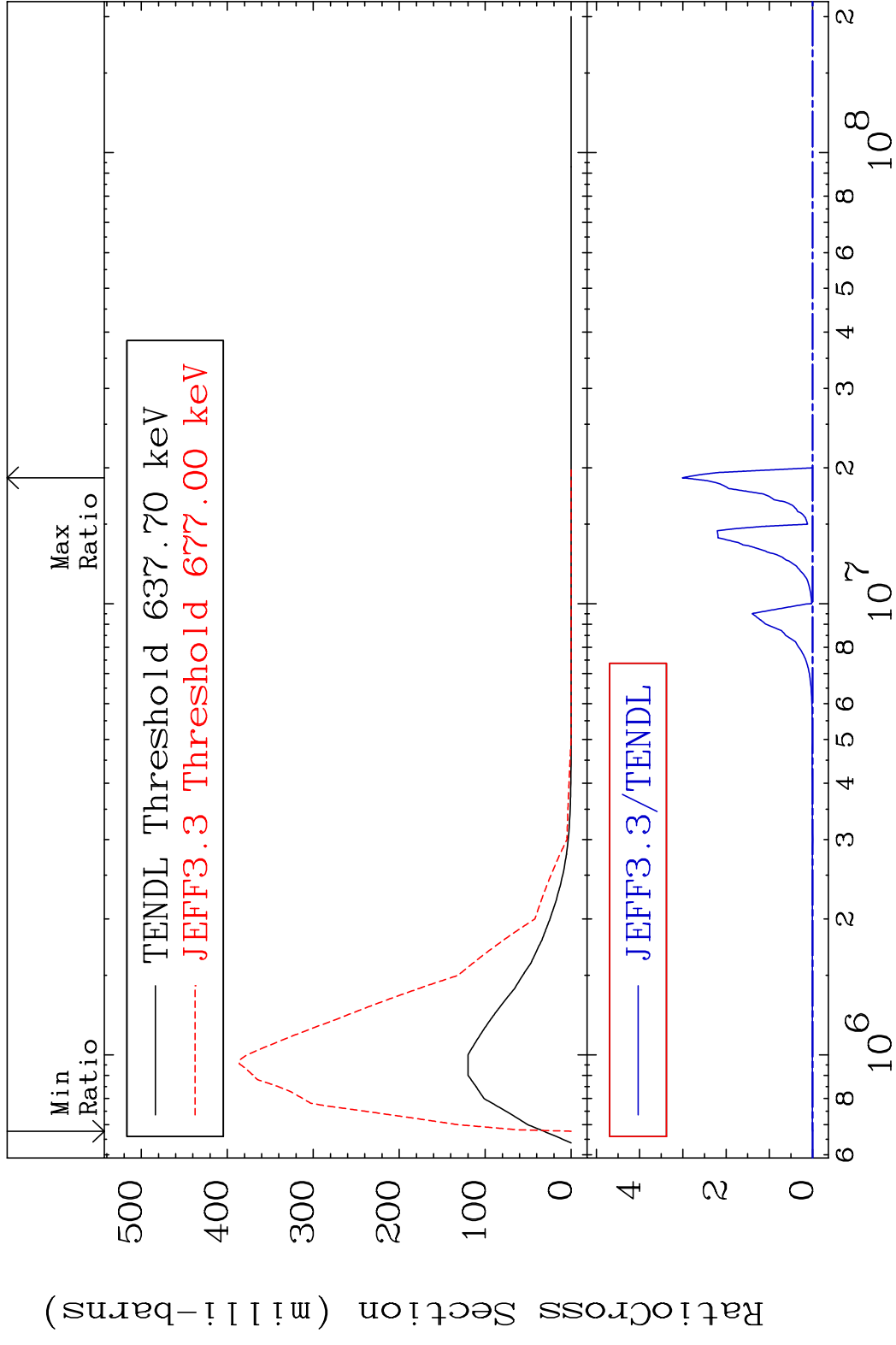
MAT 9034 MT= 55 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 147.1 %



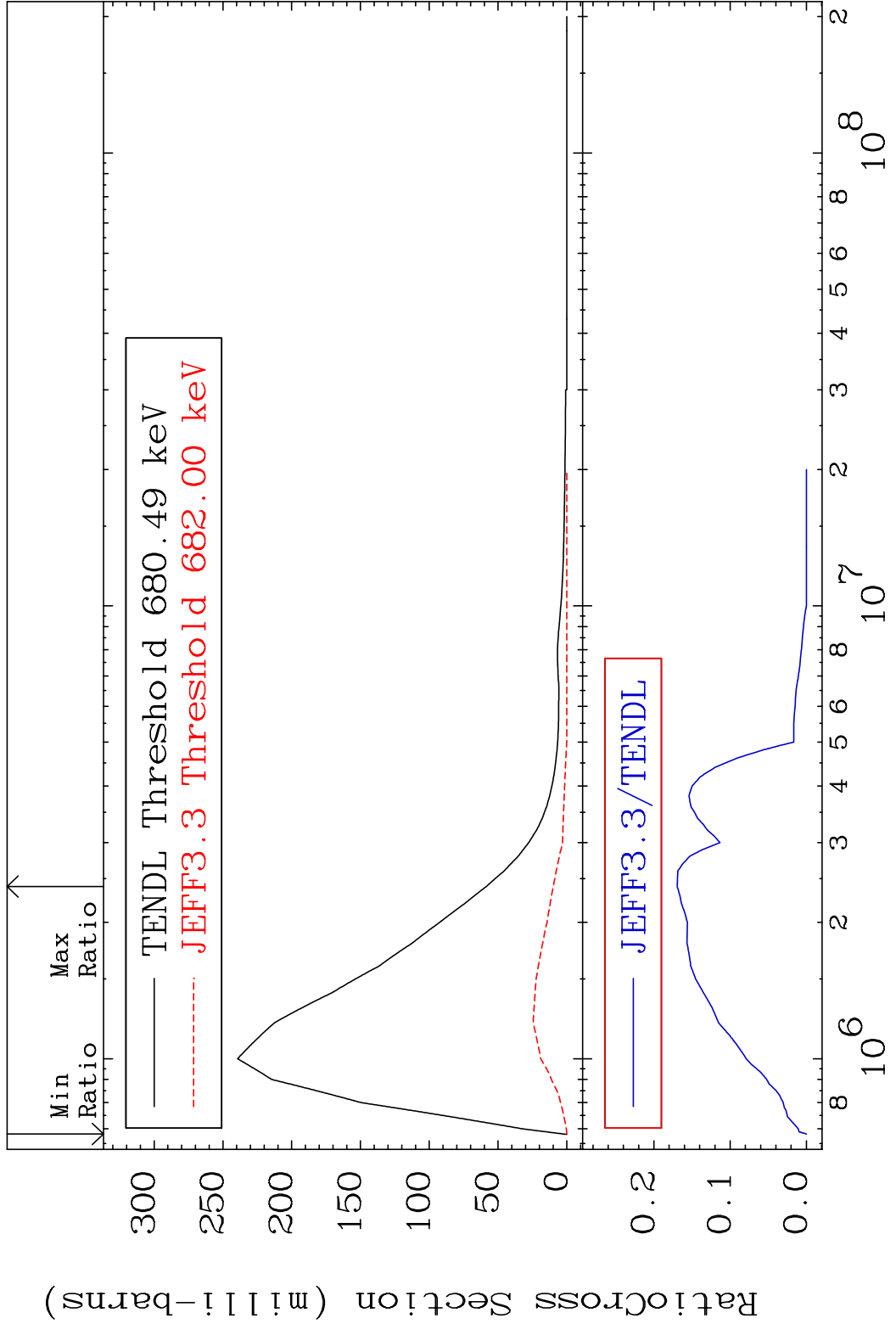
MAT 9034 MT= 56 (n,n') Level 90-Th-230  
 Cross Section -100.0 To 9999. %



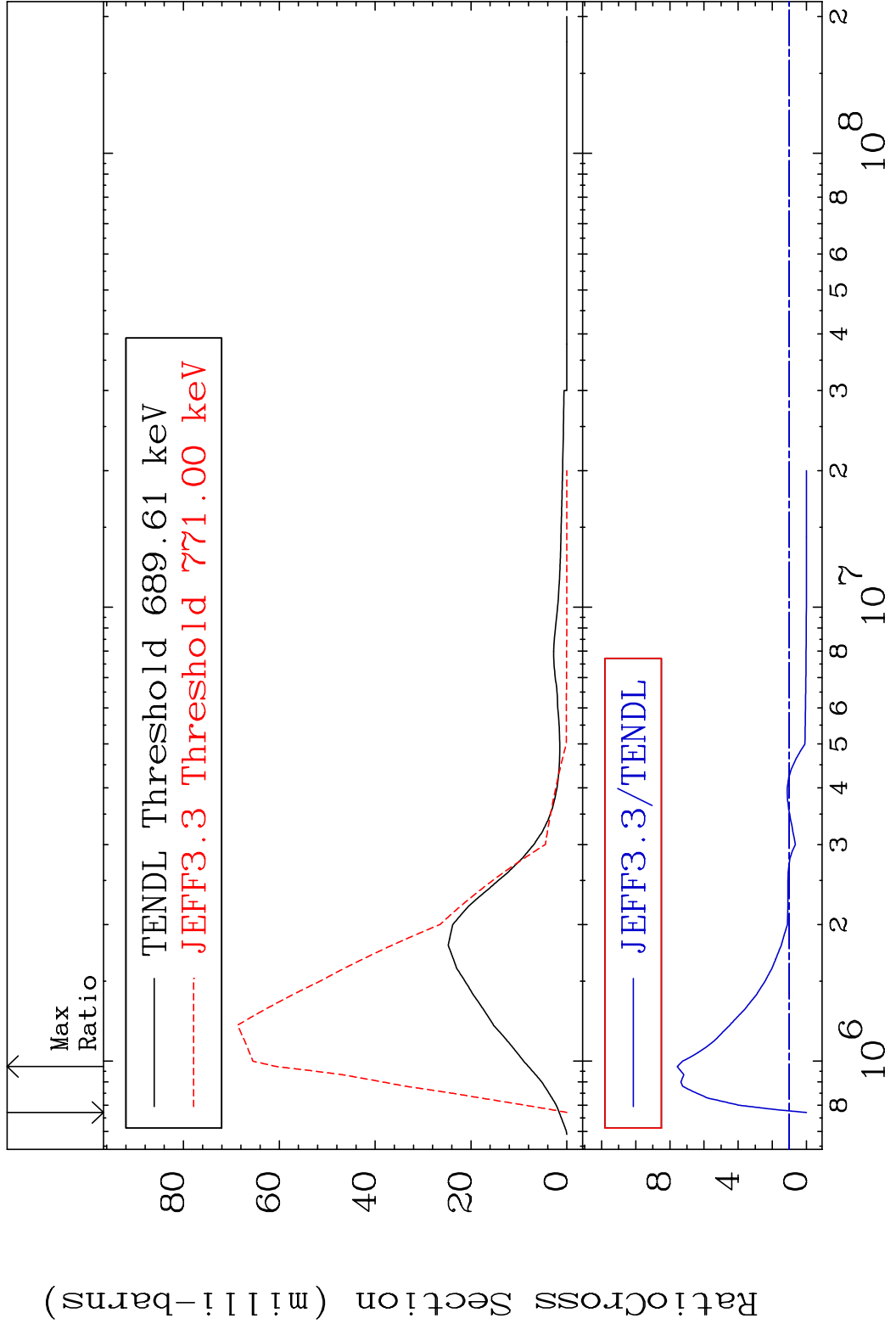
MAT 9034 MT= 57 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 9999. %



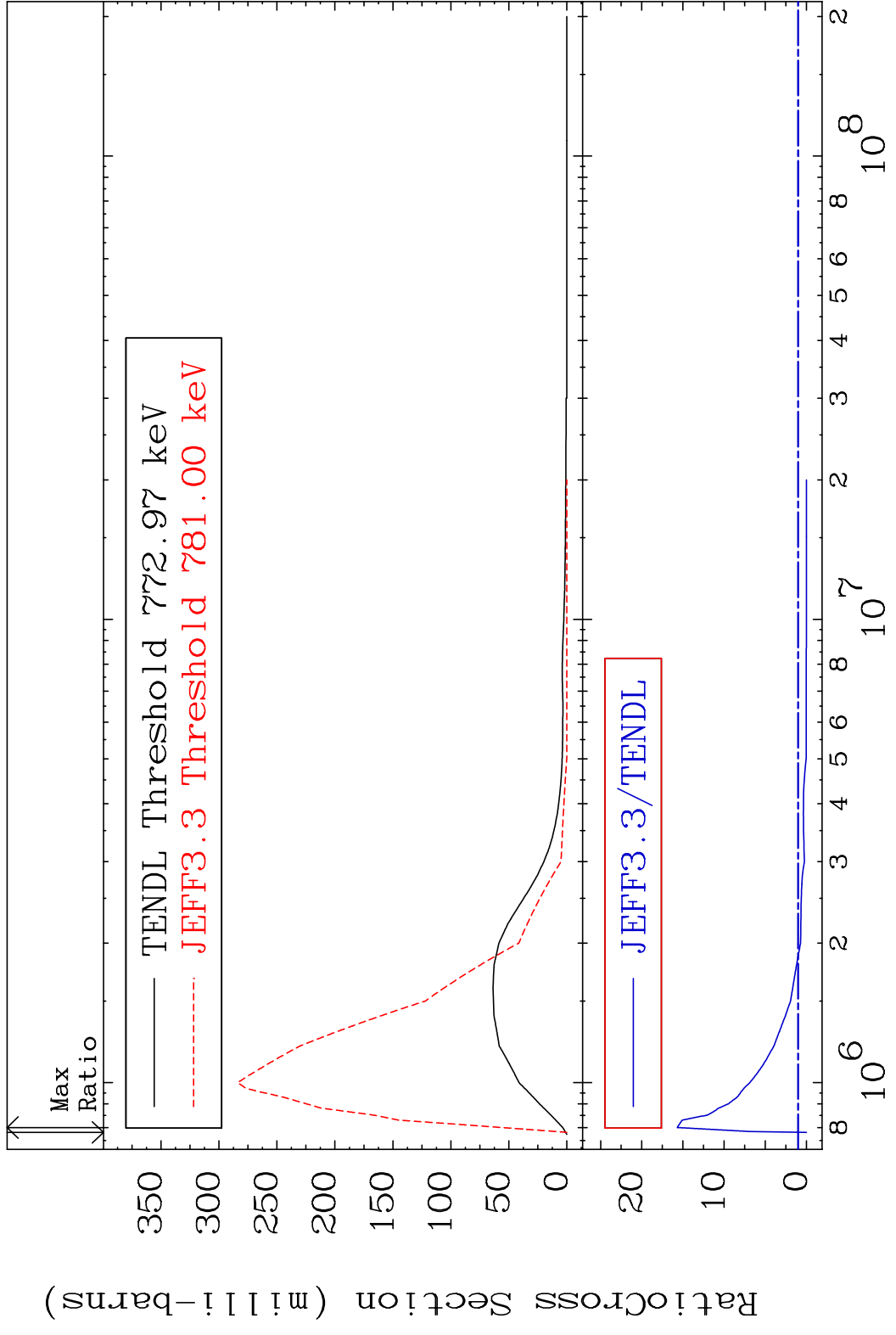
MAT 9034 MT= 58 (n, n') Level 90-Th-230  
 Cross Section -100.0 To -83.05%



MAT 9034 MT= 59 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 657.3 %

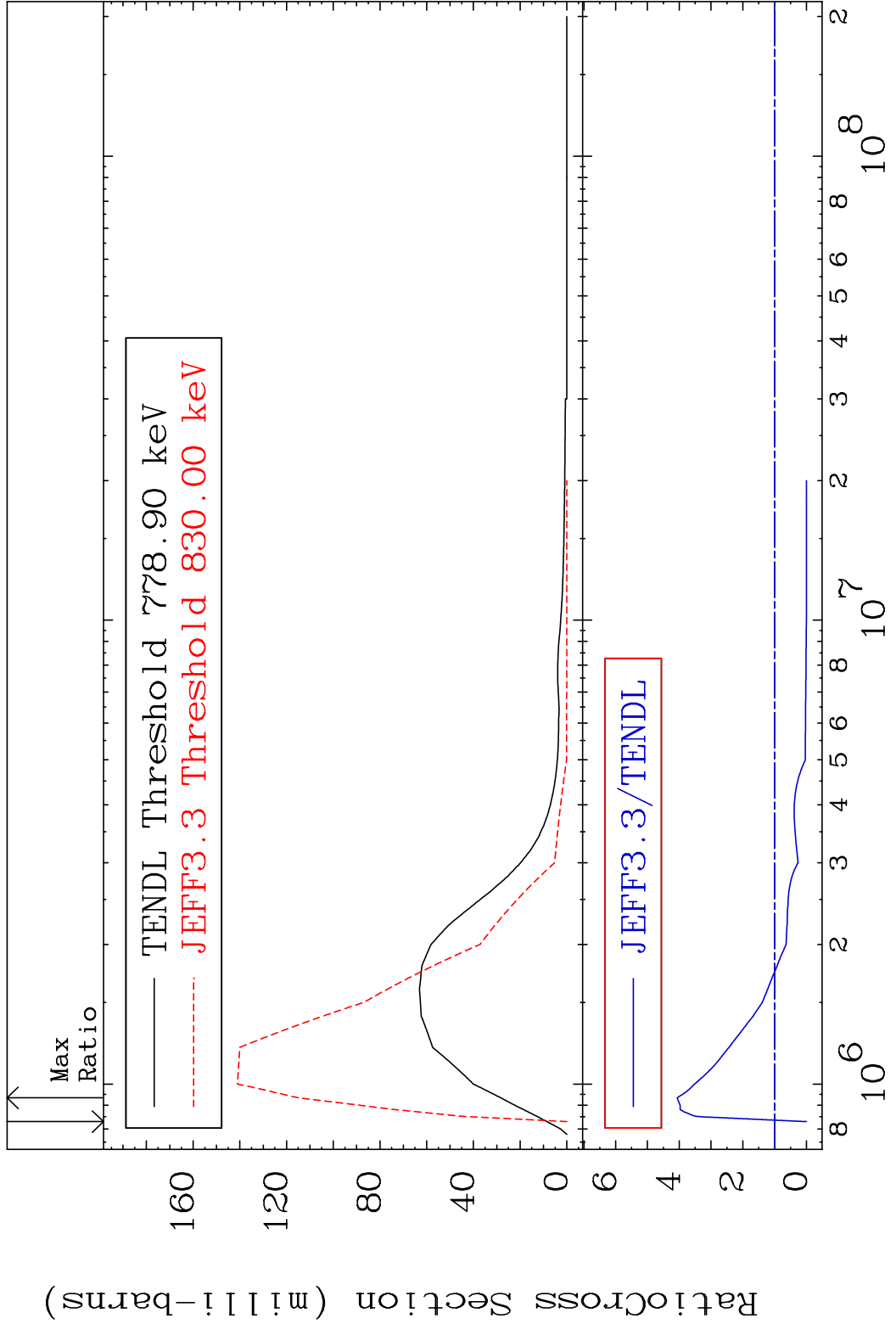


MAT 9034 MT= 60 (n,n') Level 90-Th-230  
 Cross Section -100.0 To 1470. %

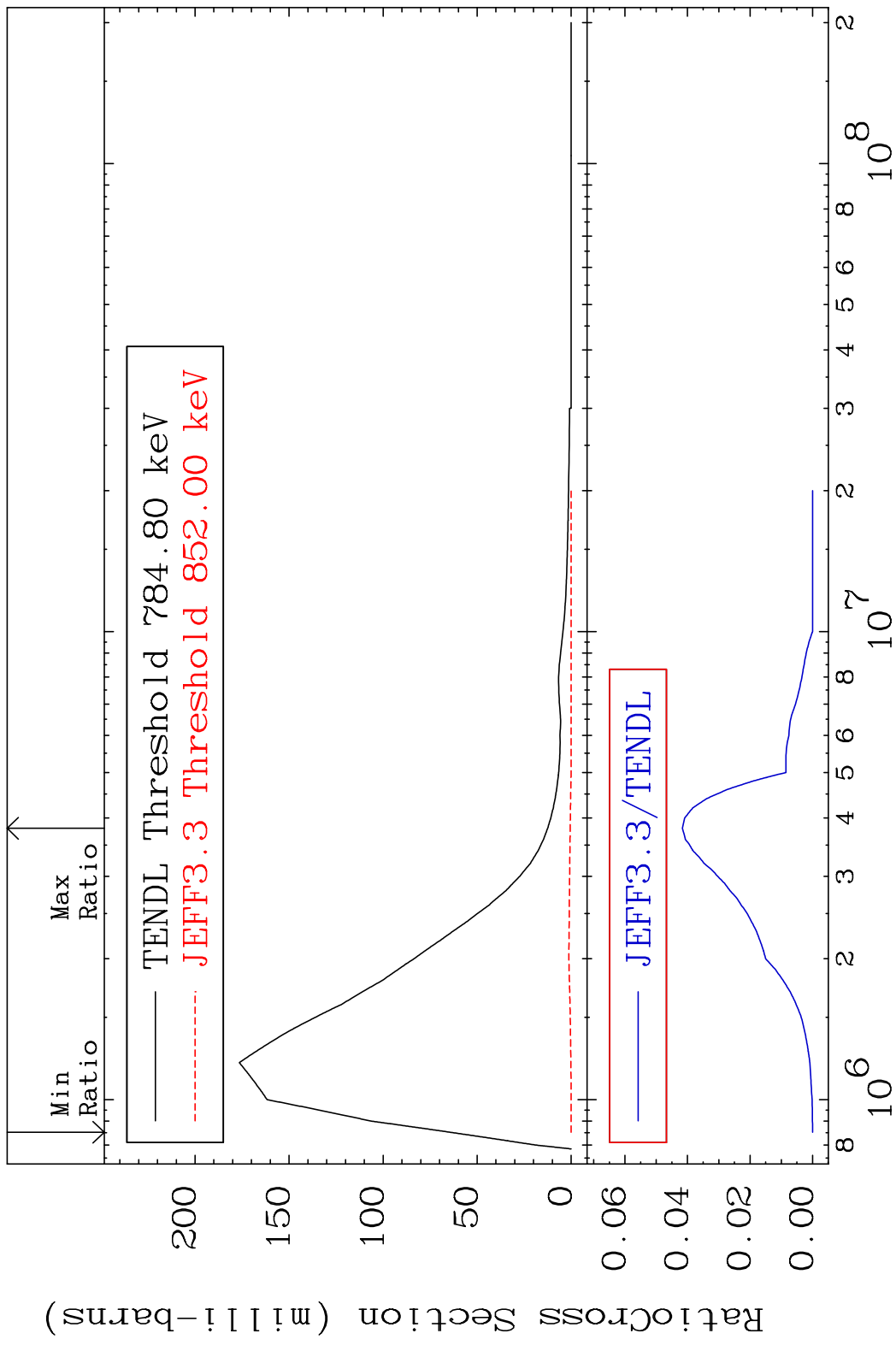


16 Incident Energy (eV) 90-Th-230

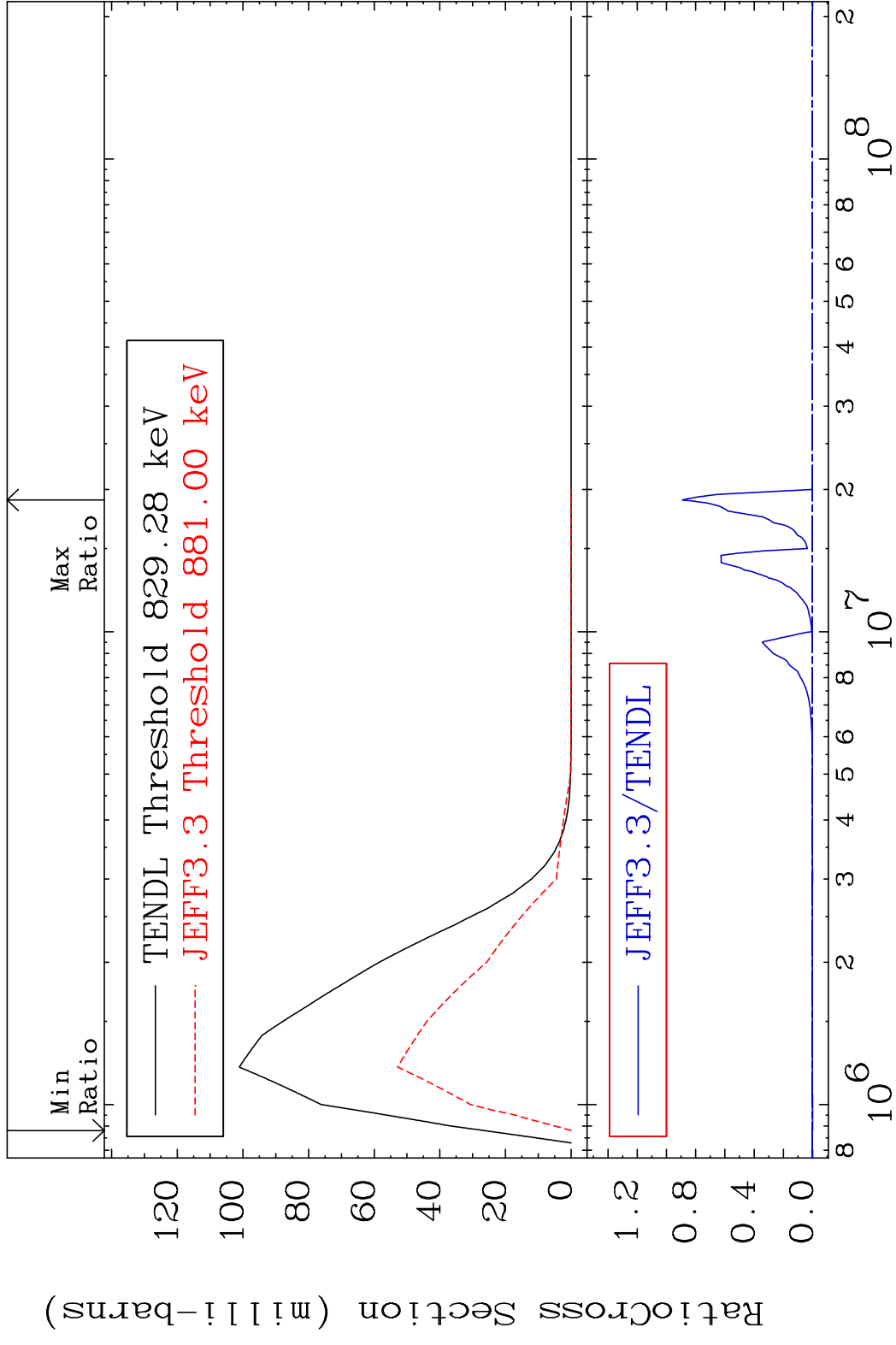
MAT 9034 MT= 61 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 306.5 %



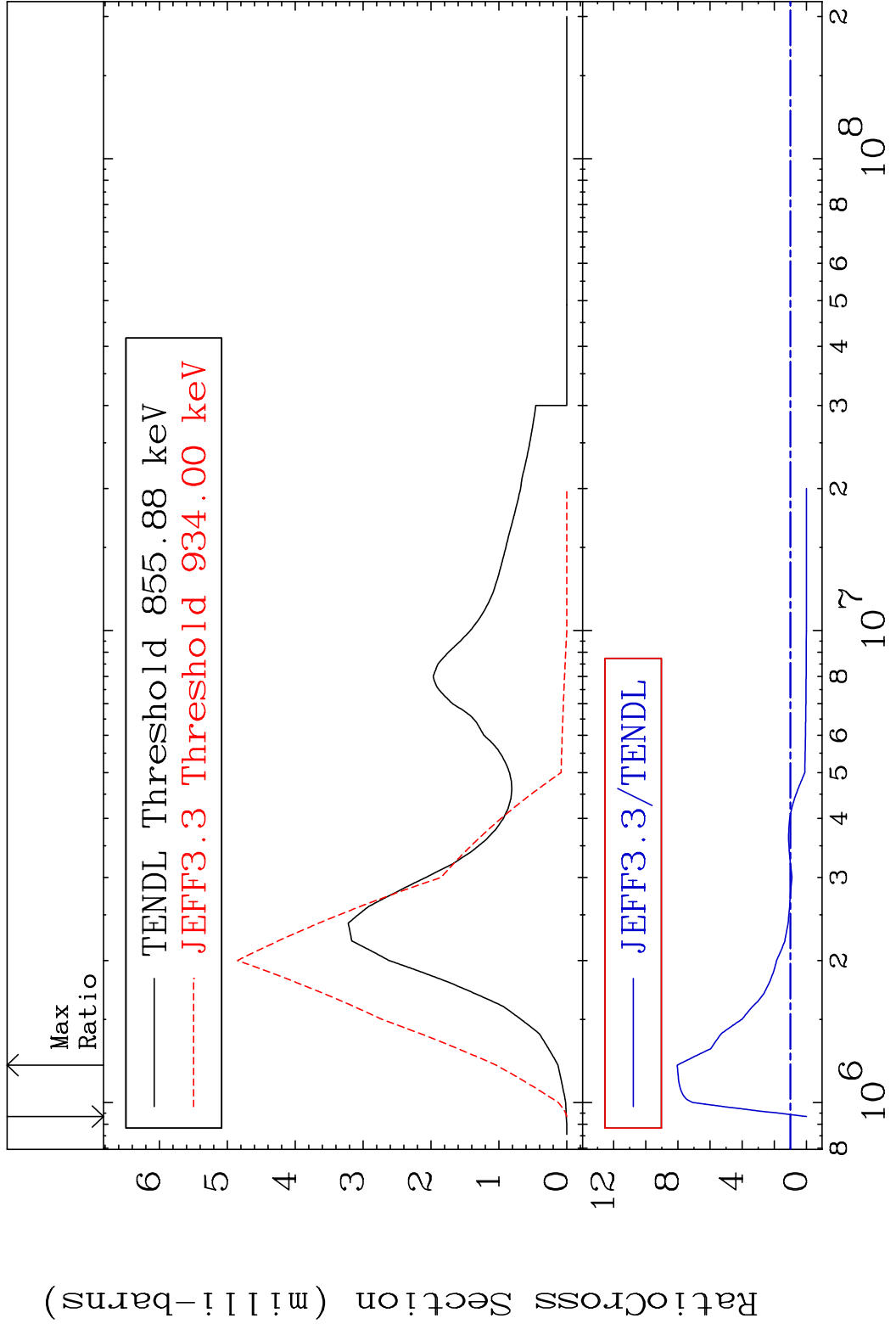
MAT 9034 MT= 62 (n, n') Level 90-Th-230  
 Cross Section -100.0 To -95.84%



MAT 9034 MT= 63 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 9999. %

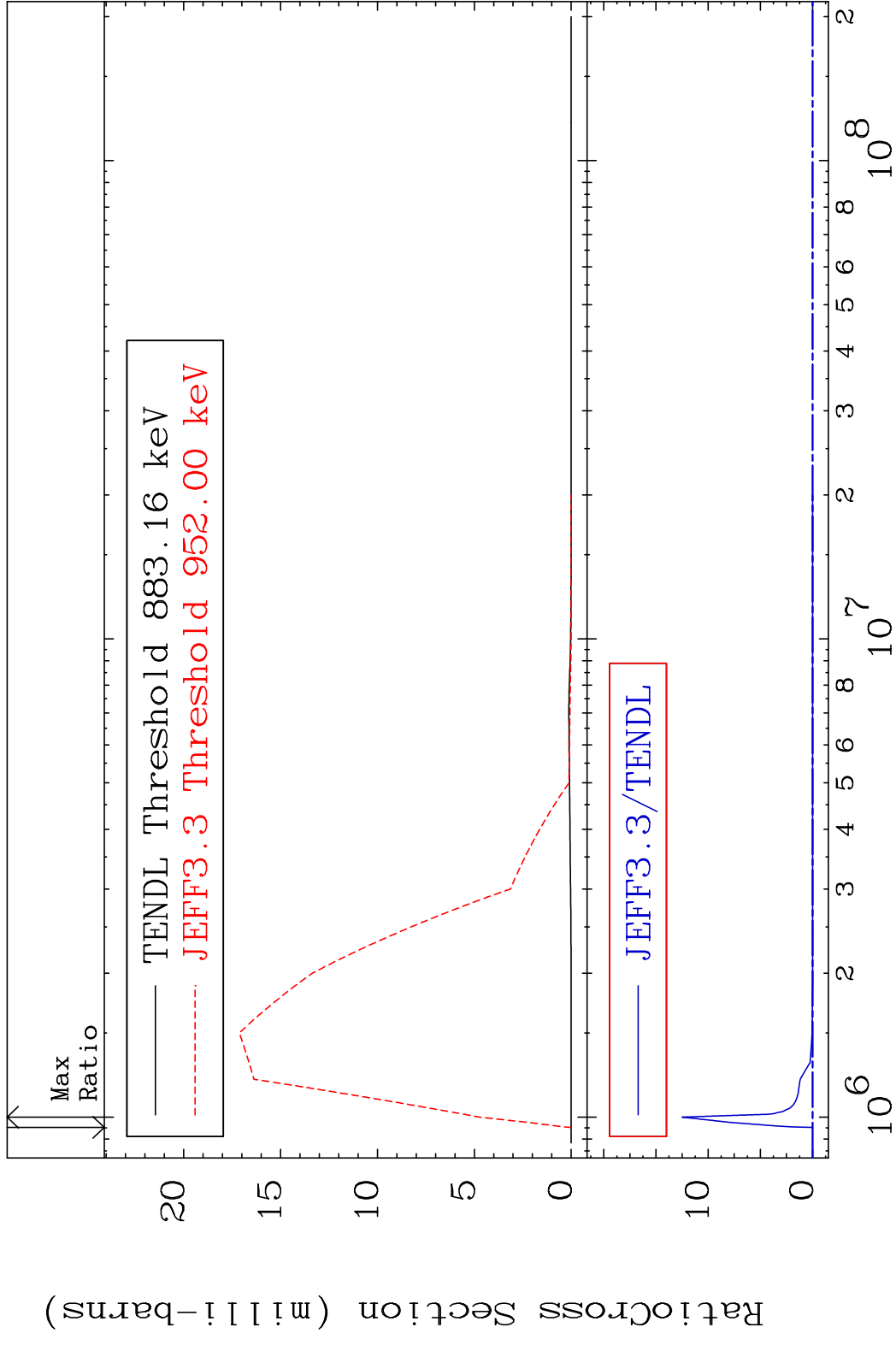


MAT 9034 MT= 64 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 704.7 %



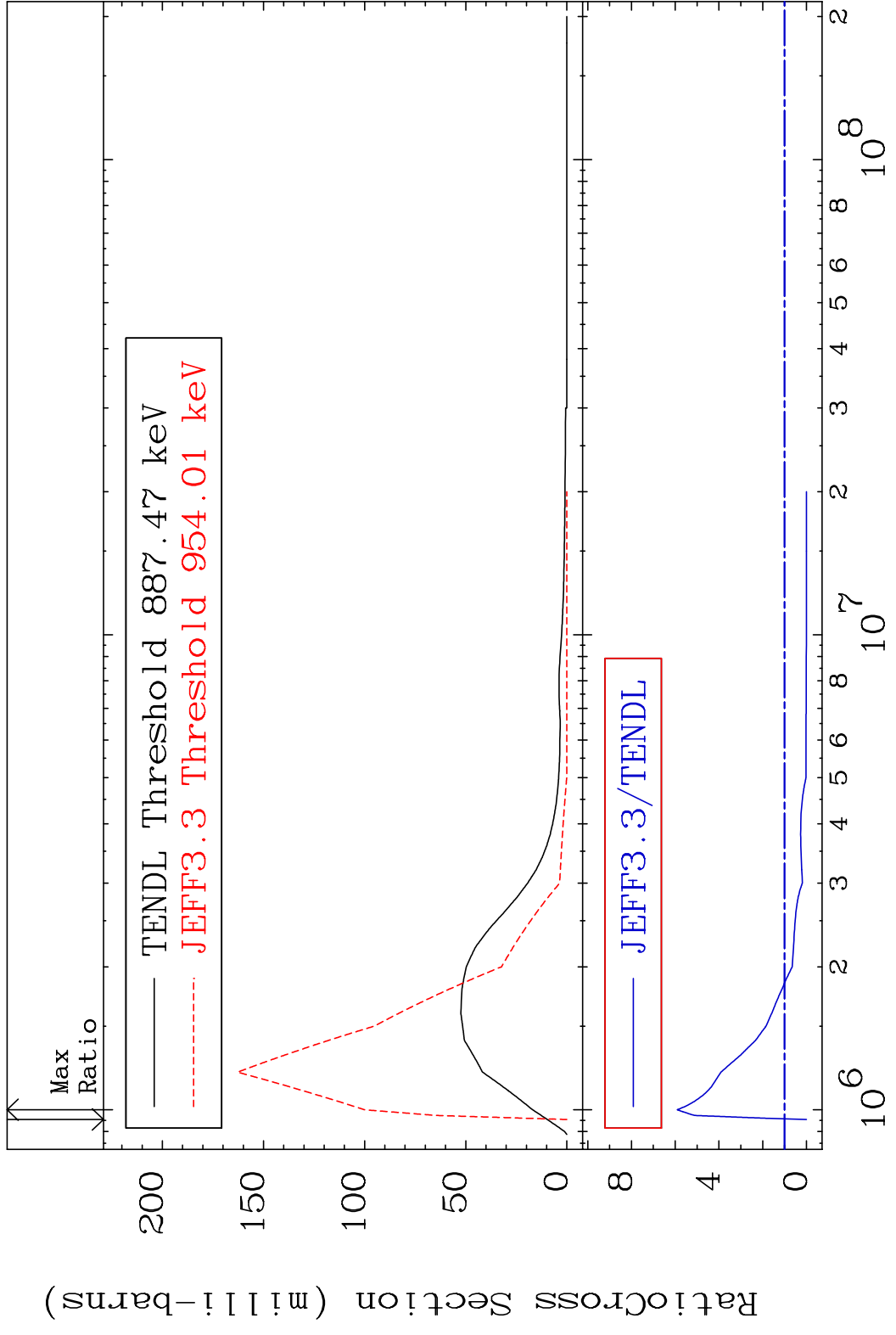
20 Incident Energy (eV) 90-Th-230

MAT 9034 MT= 65 (n,n') Level 90-Th-230  
 Cross Section -100.0 To 9999. %

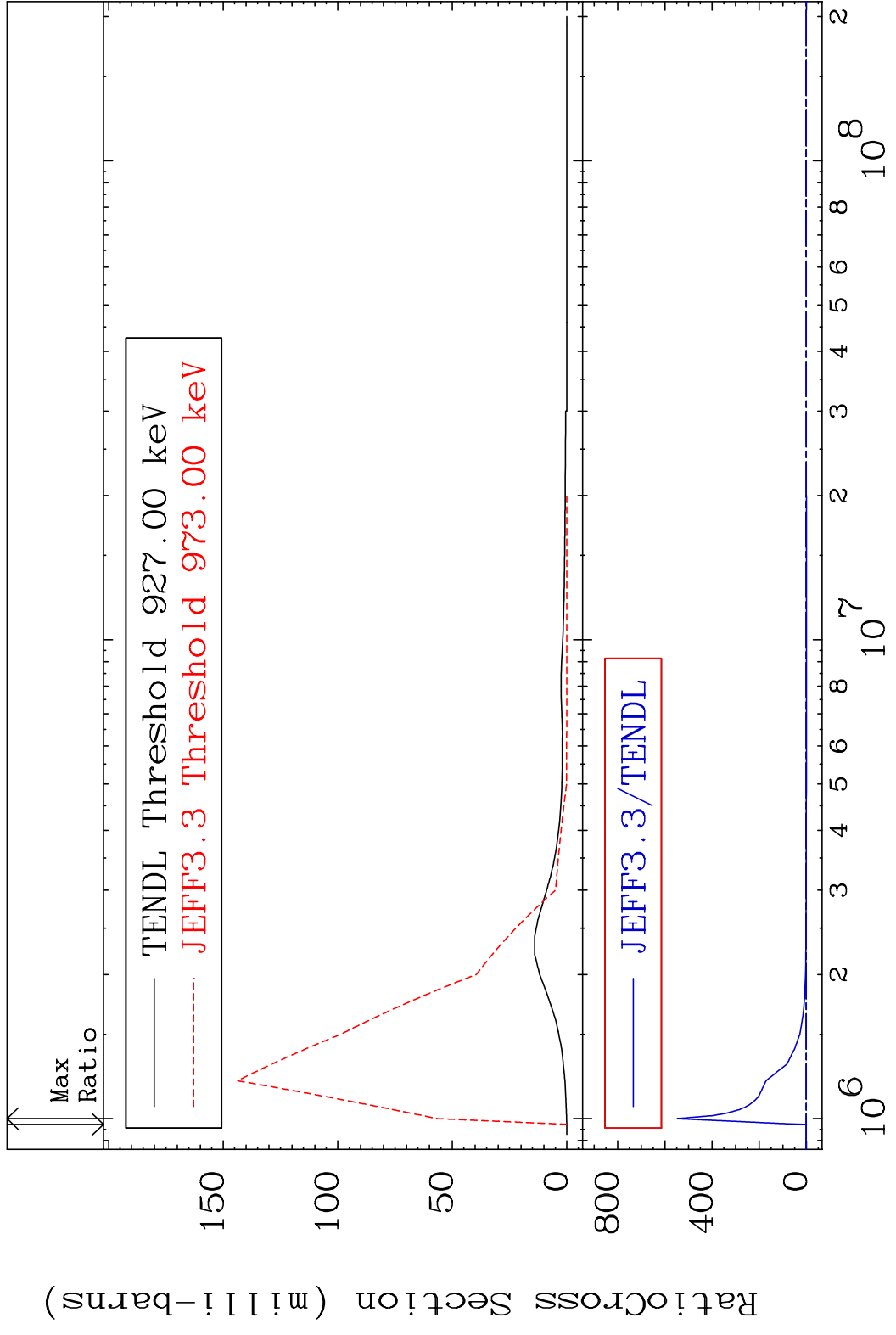


21 Incident Energy (eV) 90-Th-230

MAT 9034 MT= 66 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 490.9 %



MAT 9034 MT= 67 (n, n') Level 90-Th-230  
 Cross Section -100.0 To 9999. %



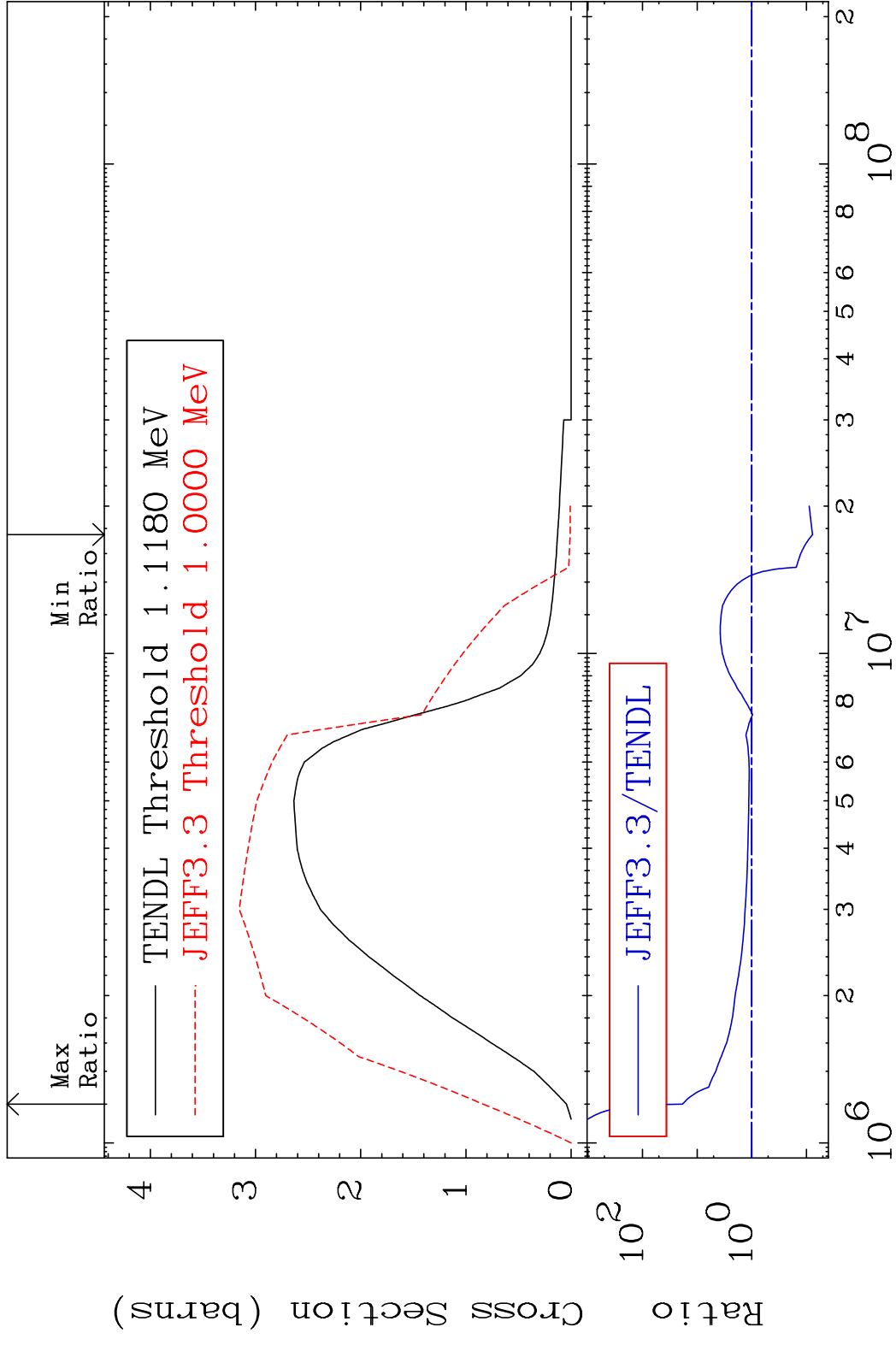
23 Incident Energy (eV) 90-Th-230

MAT 9034

(n, n') Continuum

90-Th-230

Cross Section -92.27 To 1766. %



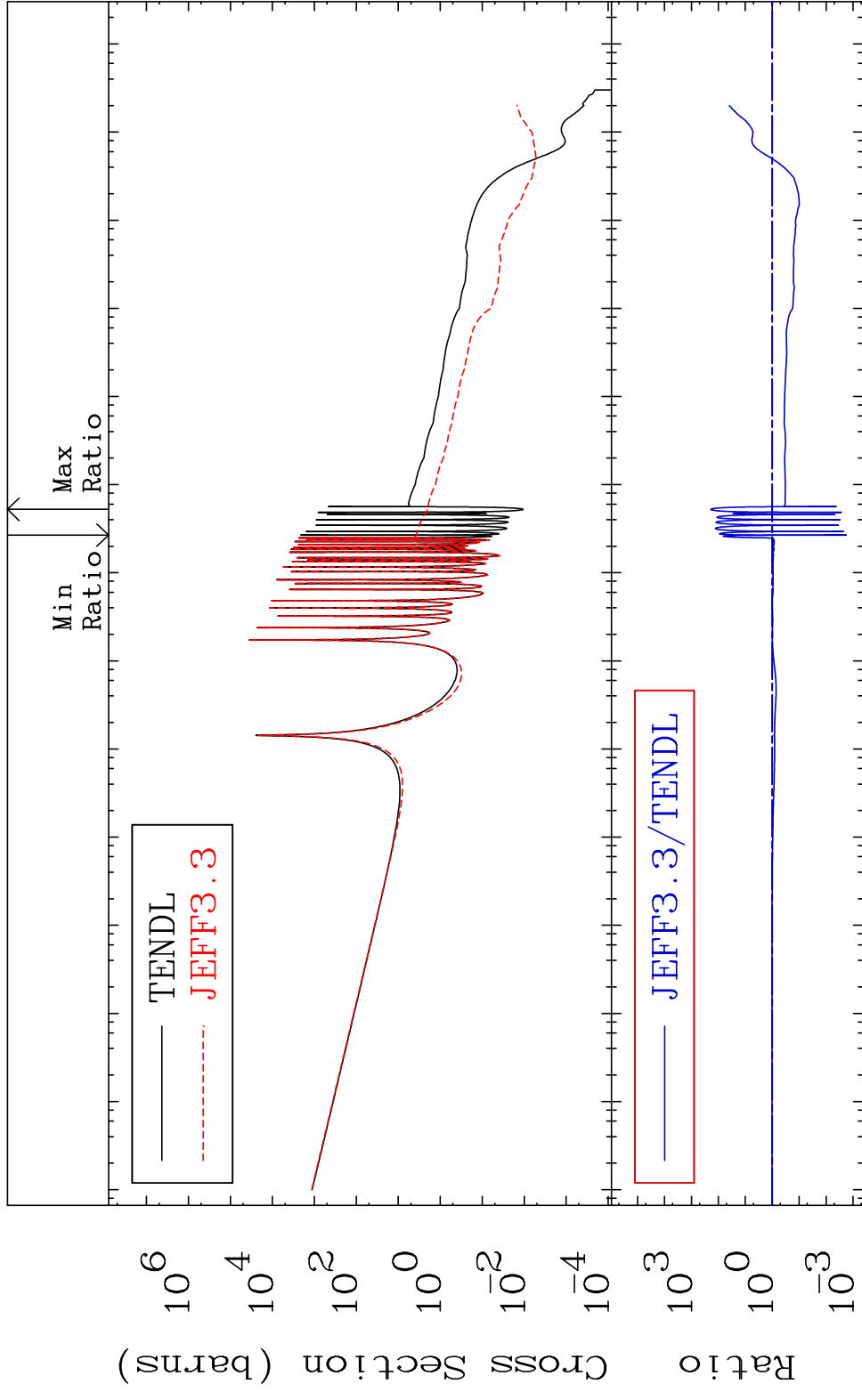
24

Incident Energy (eV)

90-Th-230

MAT 9034

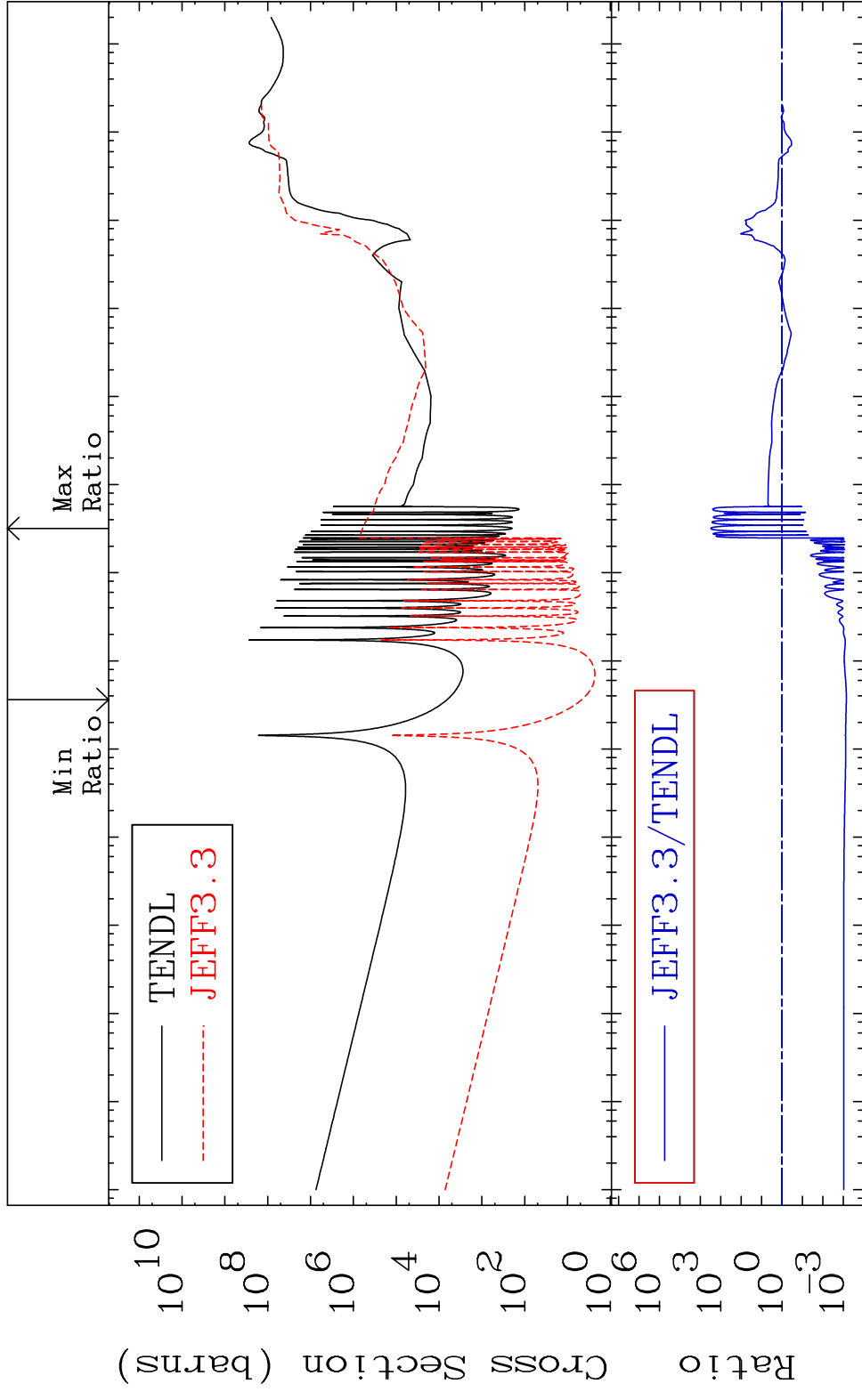
(n,  $\gamma$ )  
Cross Section -99.82 To 9999. %



25

Incident Energy (eV) 90-Th-230

MAT 9034 Kerma total (eV-barns) 90-Th-230  
 Cross Section -99.93 To 9999. %



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

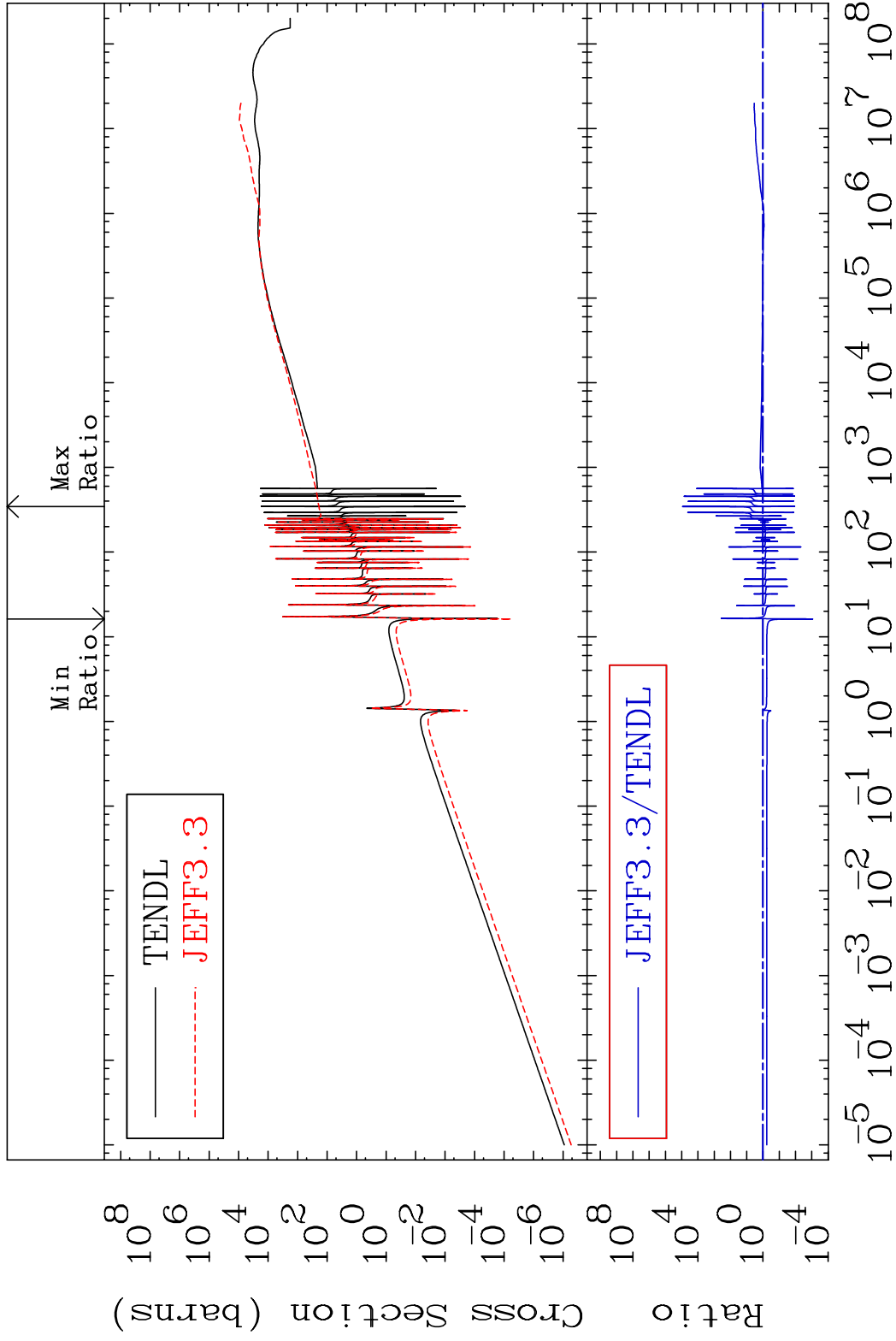
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

26 Incident Energy (eV) 90-Th-230

MAT 9034

Kerma elastic Cross Section -99.91 To 9999. %

90-Th-230

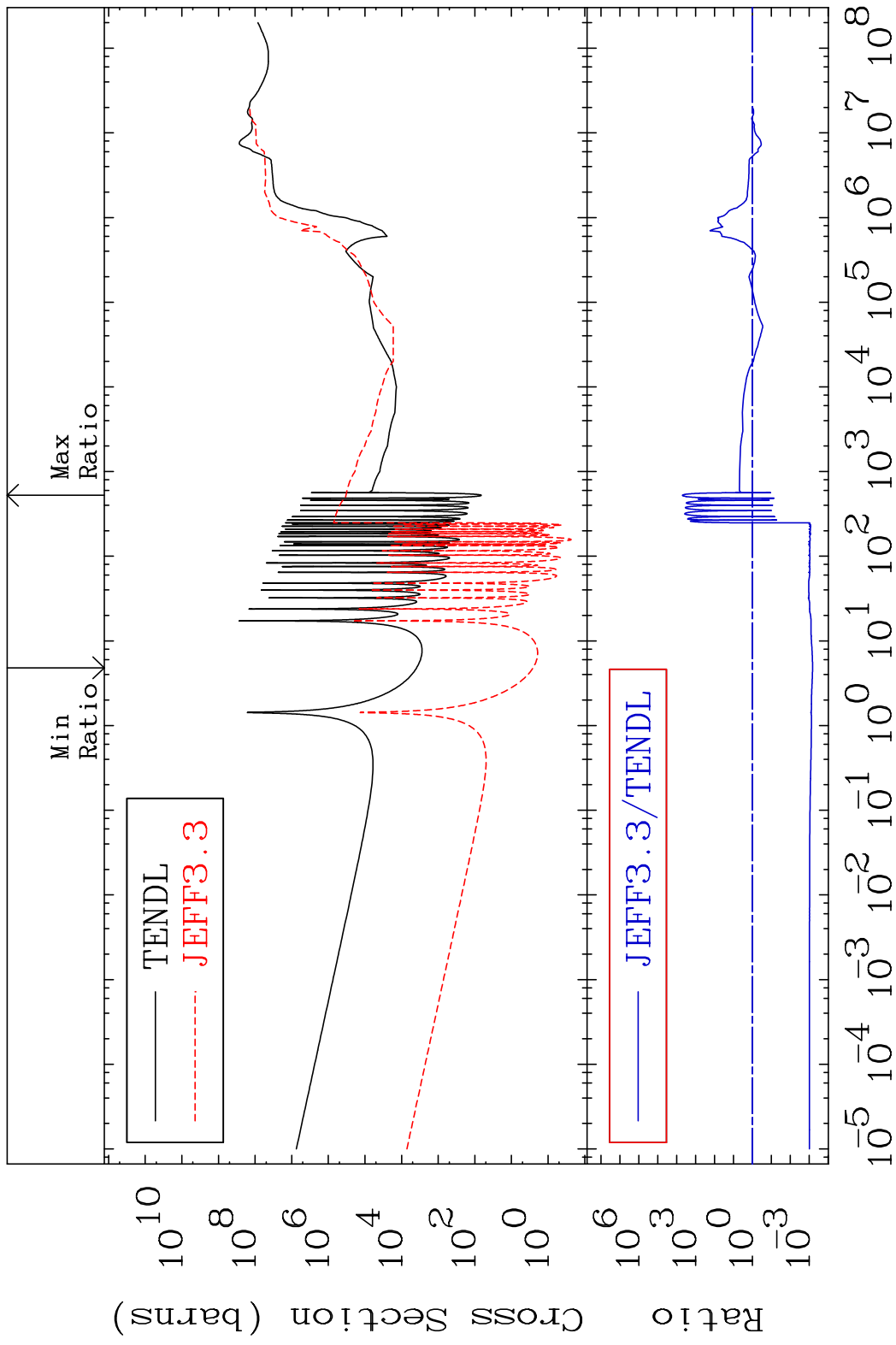


27

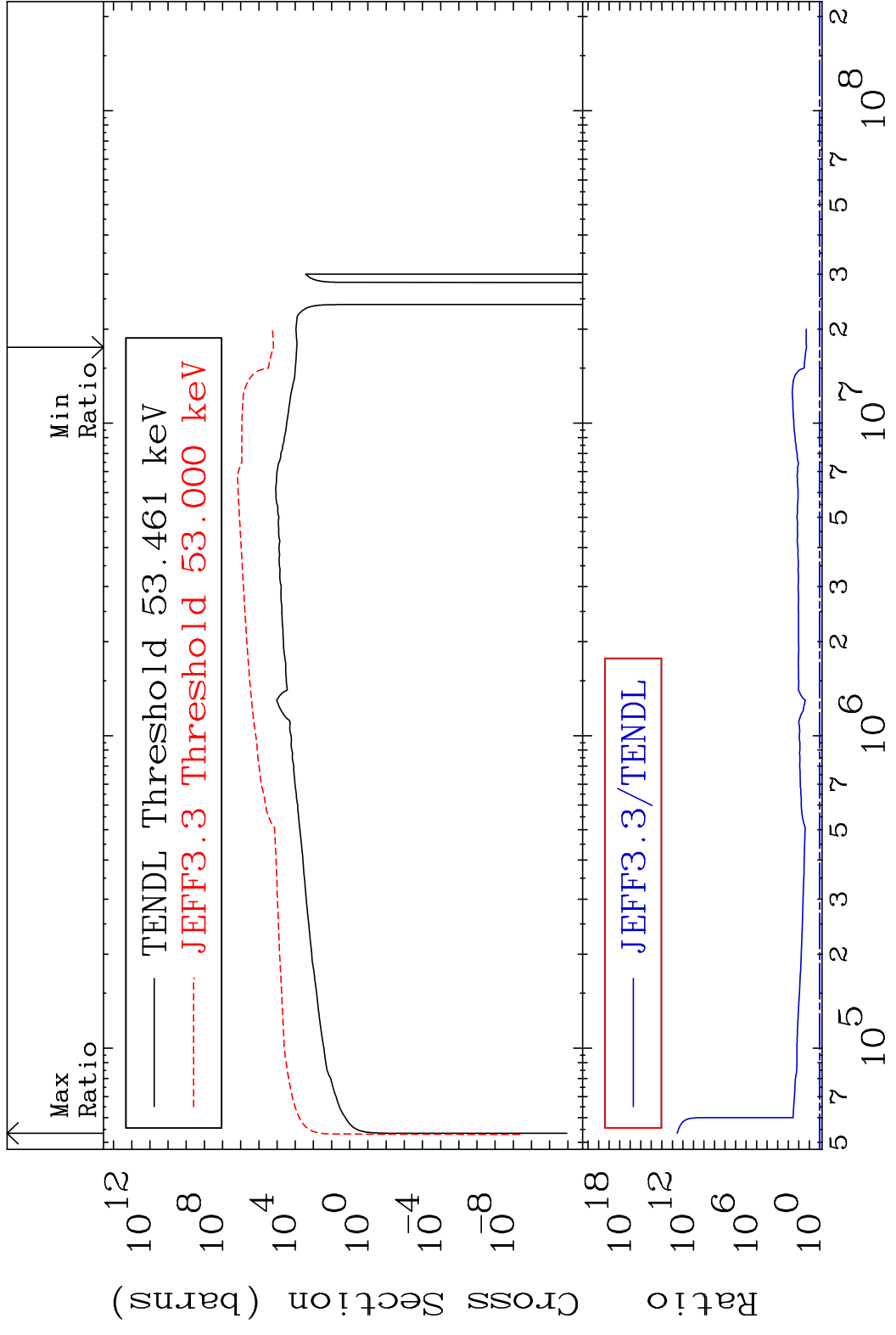
Incident Energy (eV)

90-Th-230

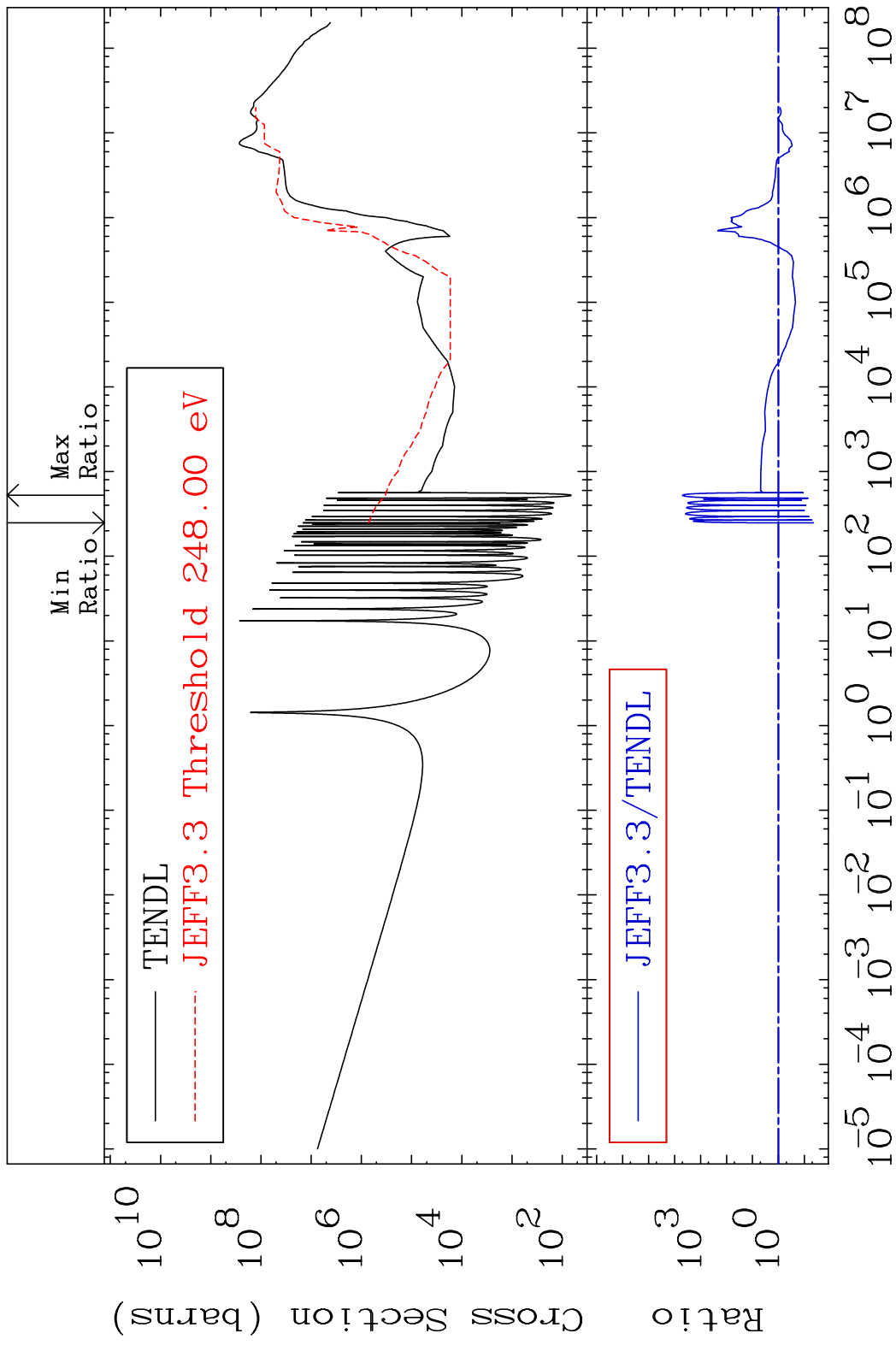
MAT 9034 Kerma non-elastic (all but mt2) 90-Th-230  
 Cross Section -99.93 To 9999. %



MAT 9034 Kerma inelastic (mt51-91) 90-Th-230  
 Cross Section 1787. To 9999. %

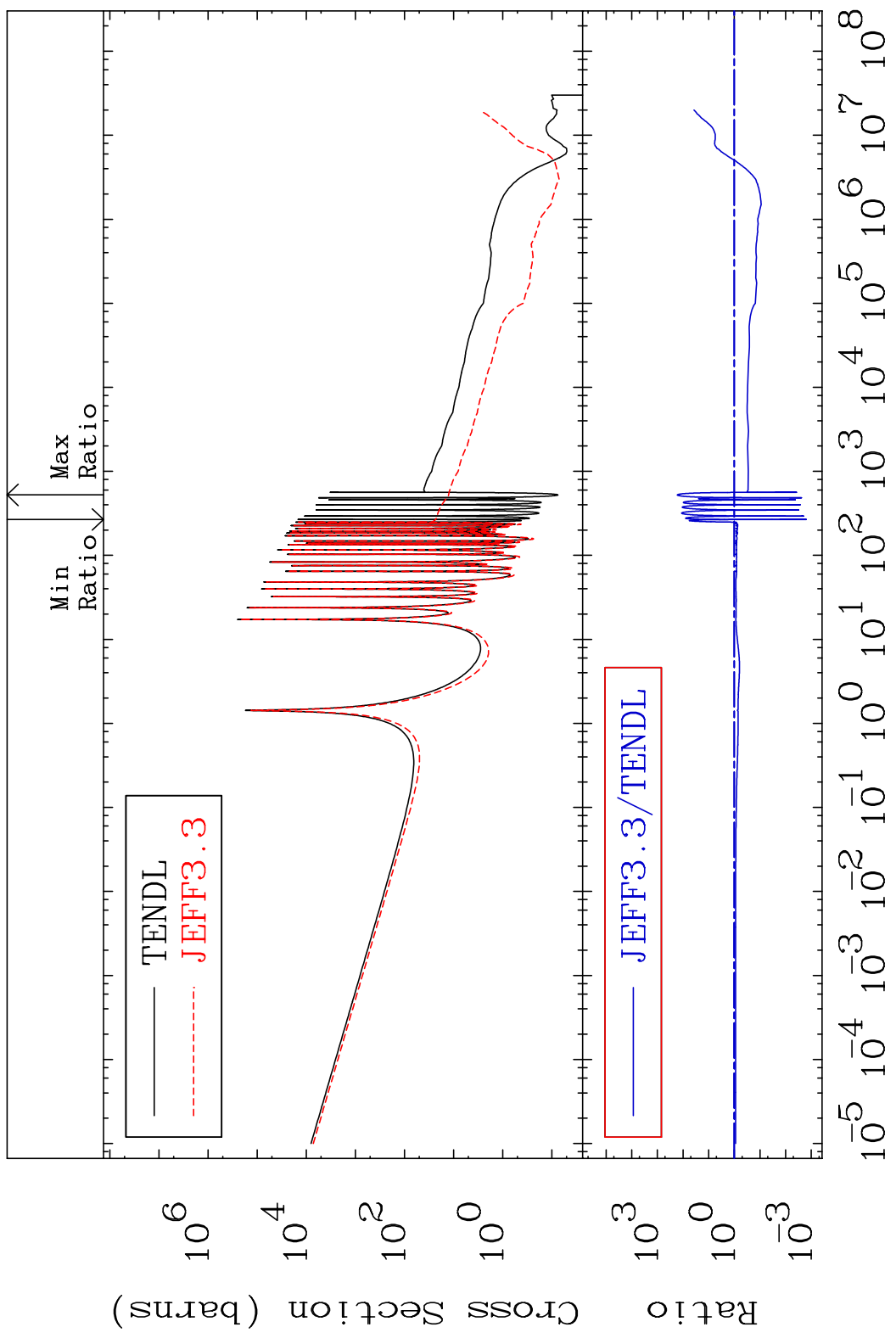


MAT 9034 Kerma fission (mt18 or mt19-20-21-38) 90-Th-230  
 Cross Section -95.14 To 9999. %

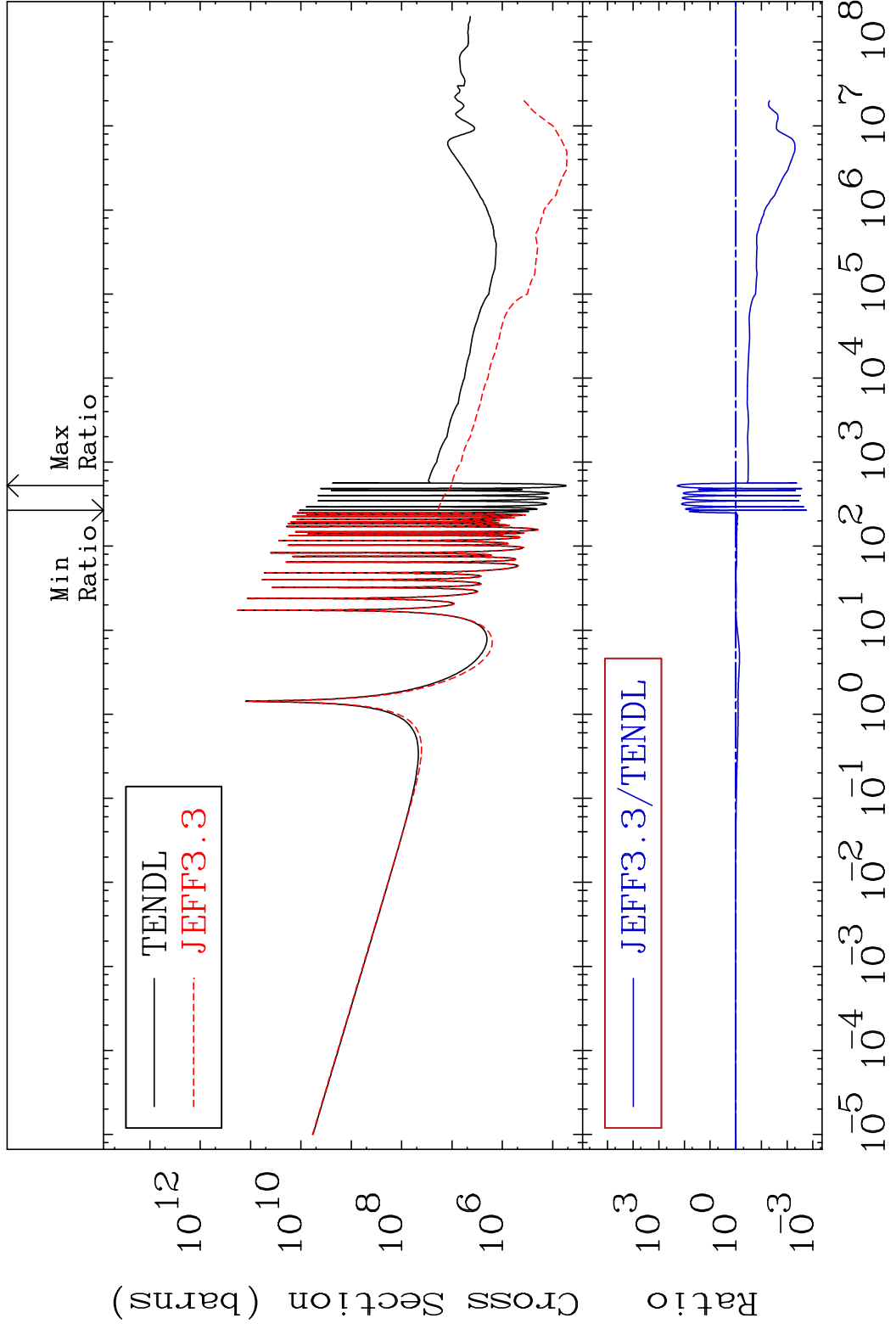


MAT 9034

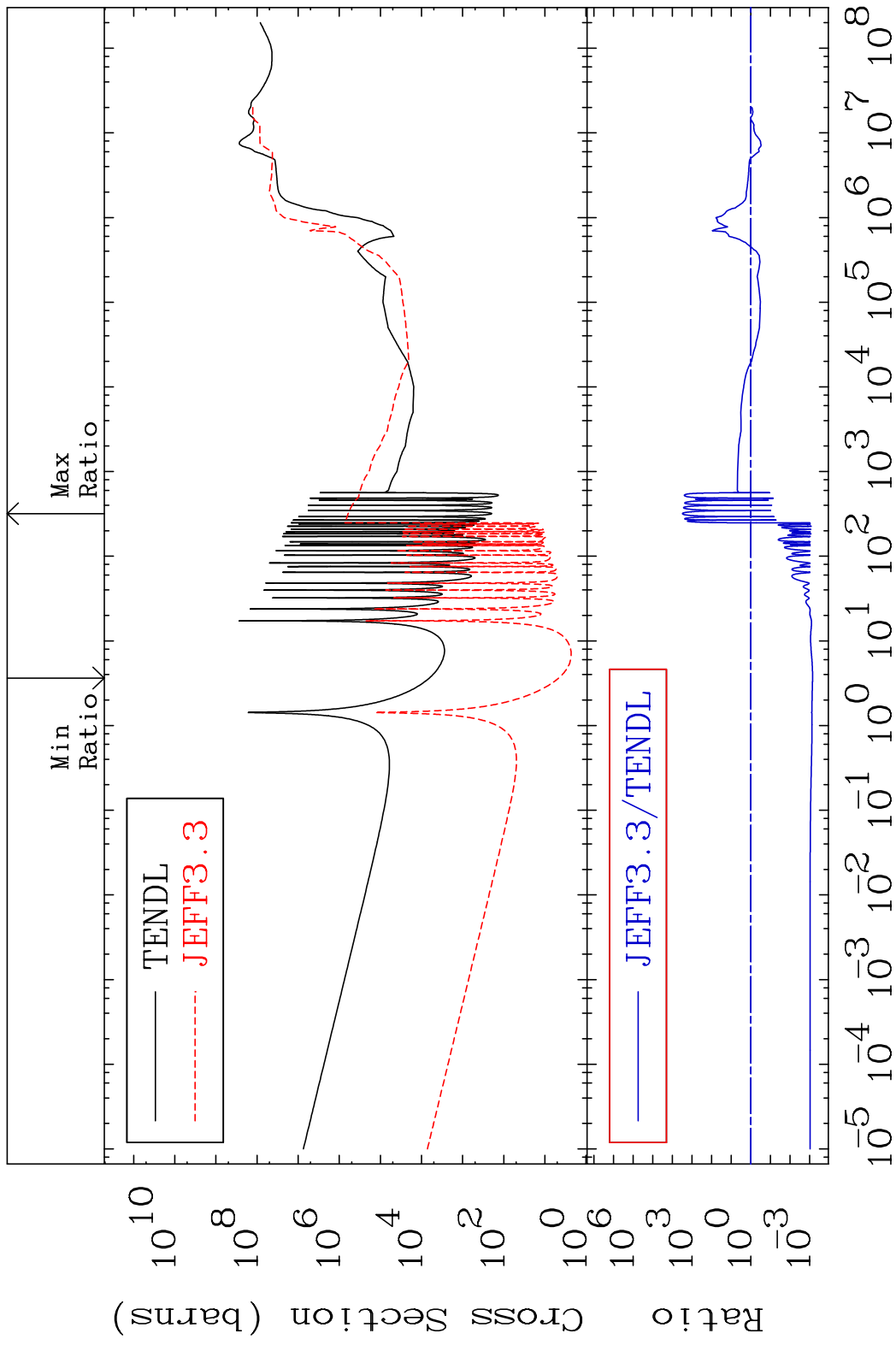
Kerma capture (mt102) 90-Th-230  
Cross Section -99.84 To 9999. %



MAT 9034 Total photon (eV-barns) 90-Th-230  
 Cross Section -99.82 To 9999. %



MAT 9034 Total kinematic kerma (high limit) 90-Th-230  
 Cross Section -99.93 To 9999. %

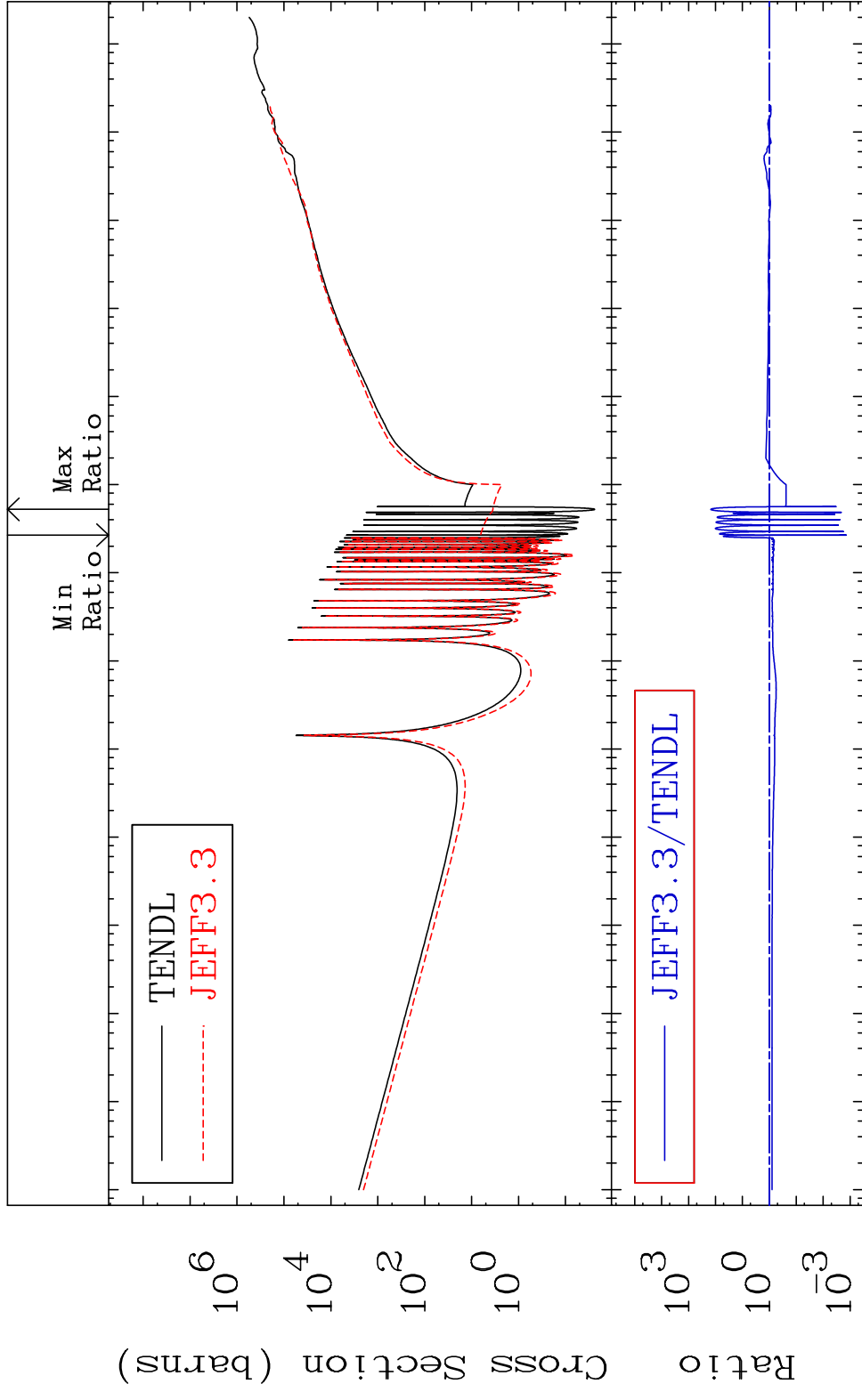


MAT 9034

Dpa total (eV-barns)

90-Th-230

Cross Section -99.86 To 9999. %



34

Incident Energy (eV)

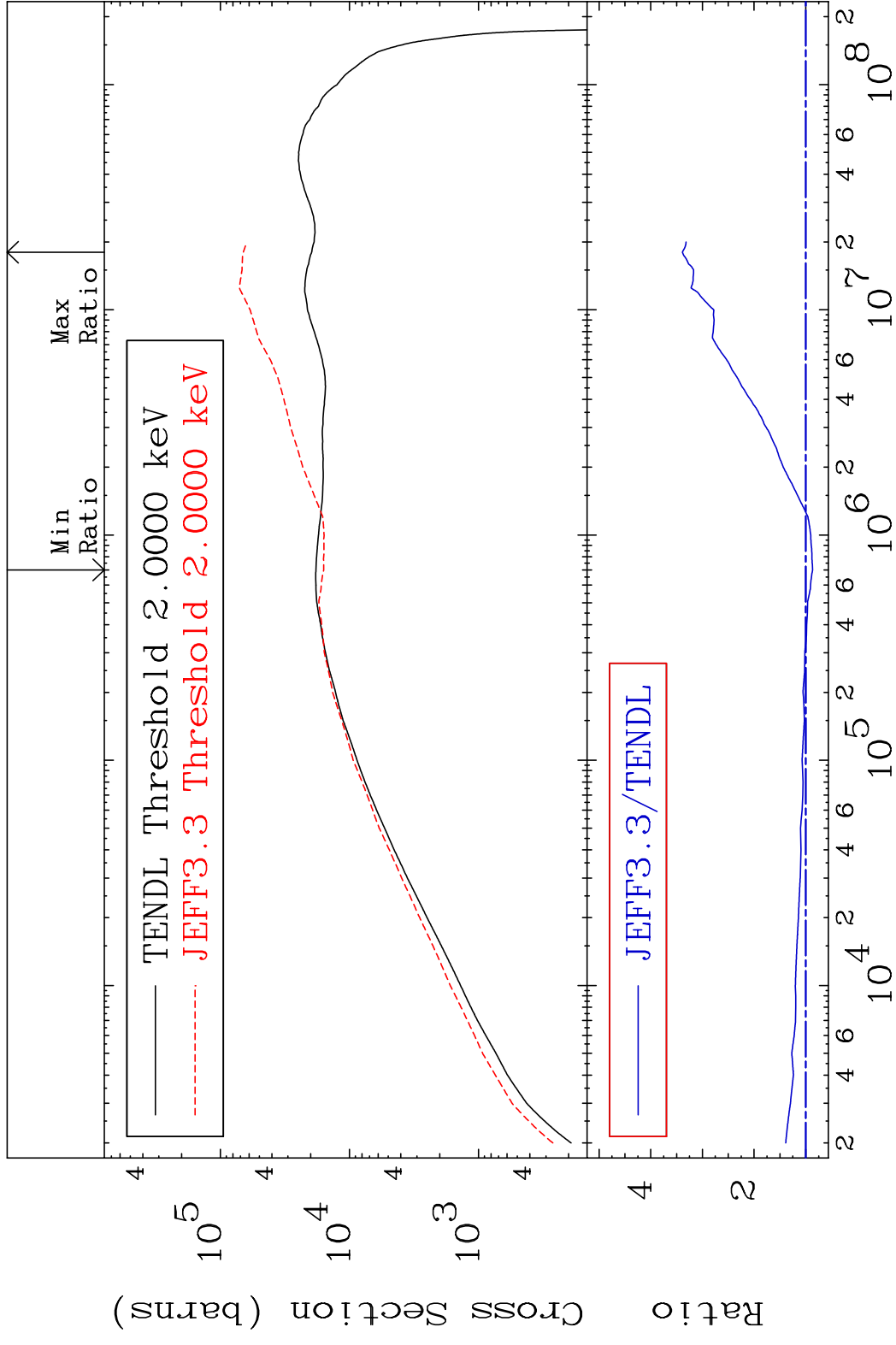
90-Th-230

MAT 9034

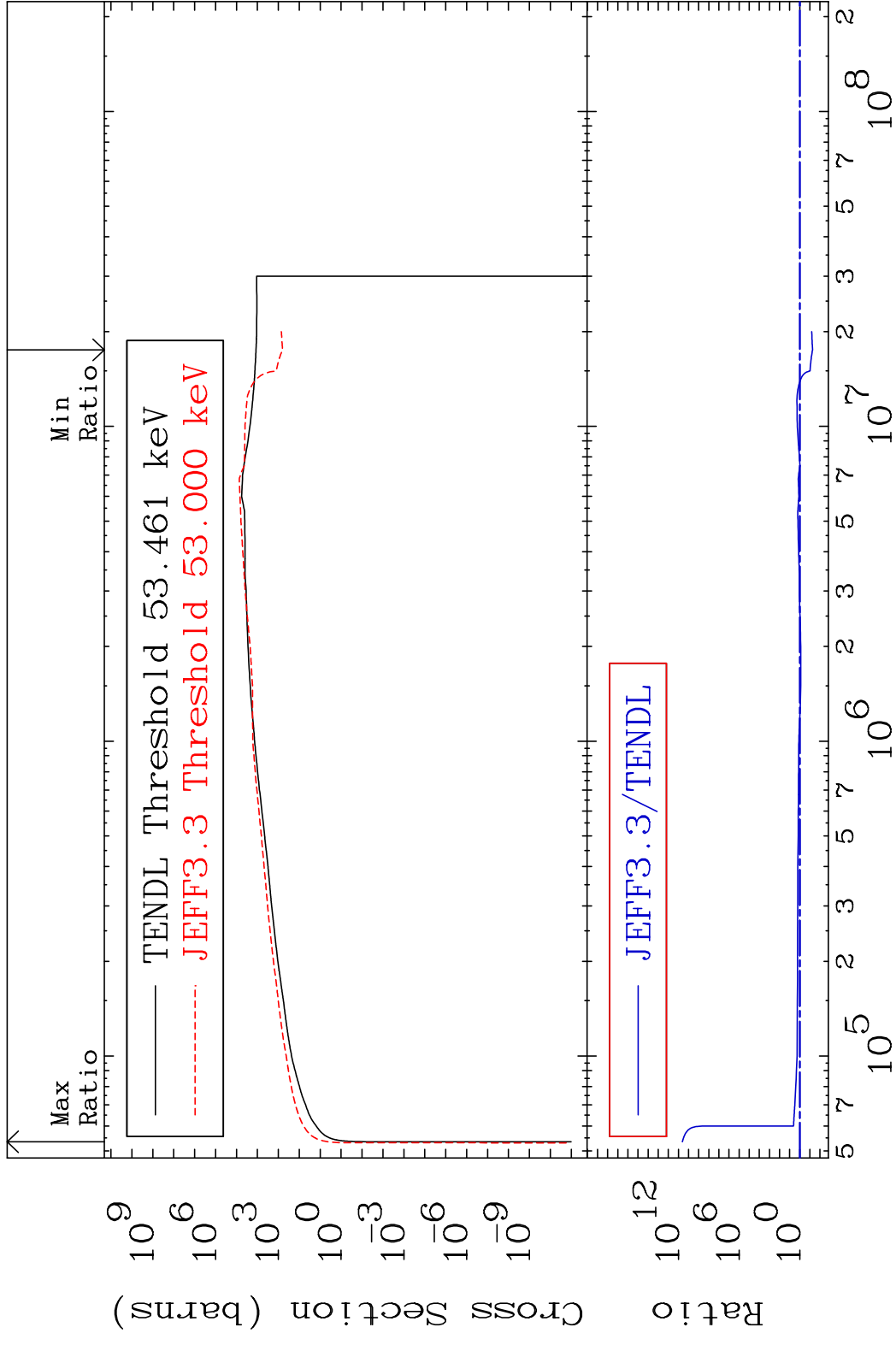
Dpa elastic (mt2)

90-Th-230

Cross Section -13.12 To 238.8 %



MAT 9034      Dpa inelastic (mt51-91)      90-Th-230  
 Cross Section      -94.60 To 9999. %



MAT 9034 Dpa disappearance (mt102 -120) 90-Th-230  
 Cross Section -99.84 To 9999. %

