

Program Complot  
(Version 2018-1)

by

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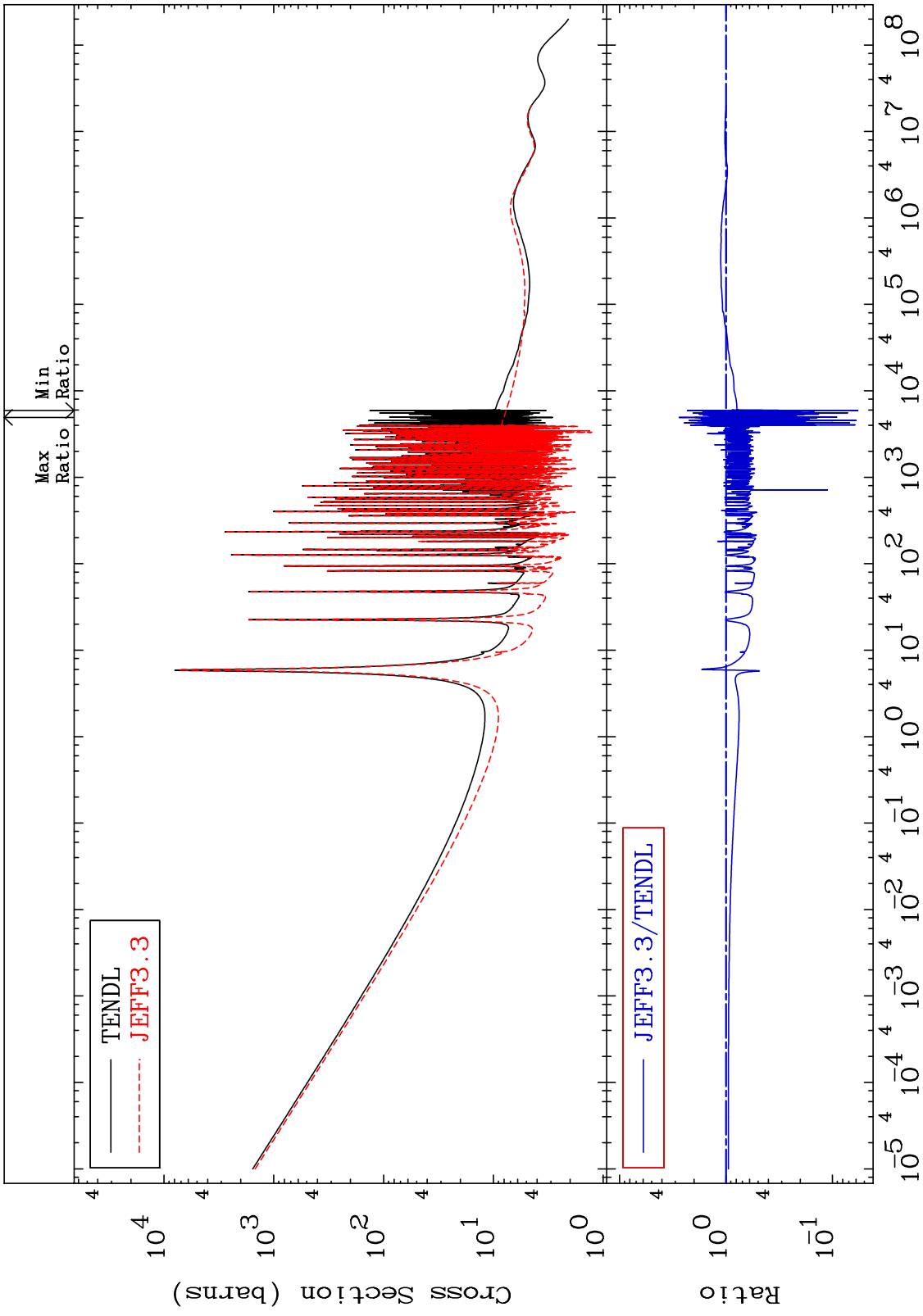
U.S.A.

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

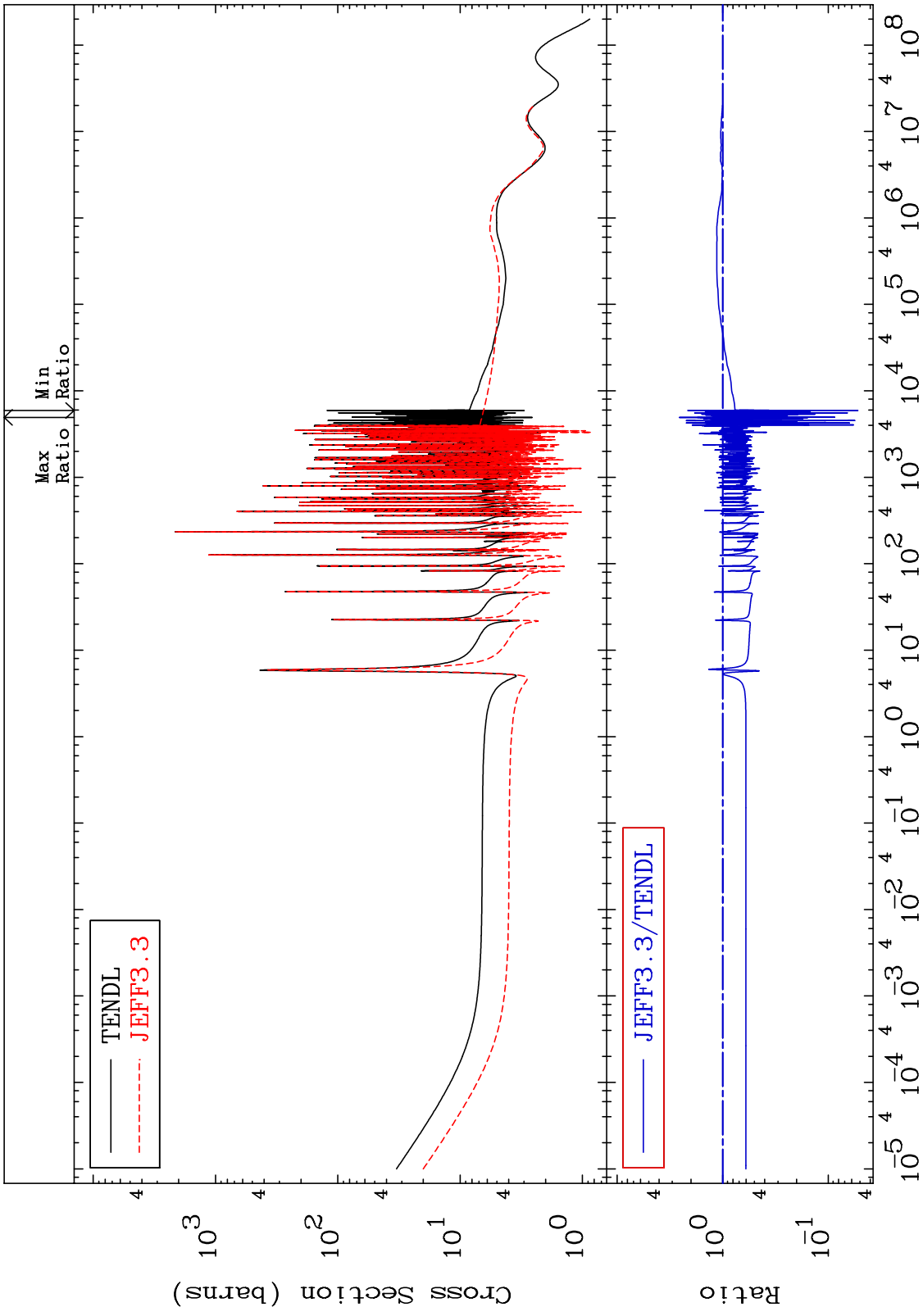
Press Mouse Button to Start

MAT 5525 55-Cs-133  
Total Cross Section -94.23 To 176.2 %

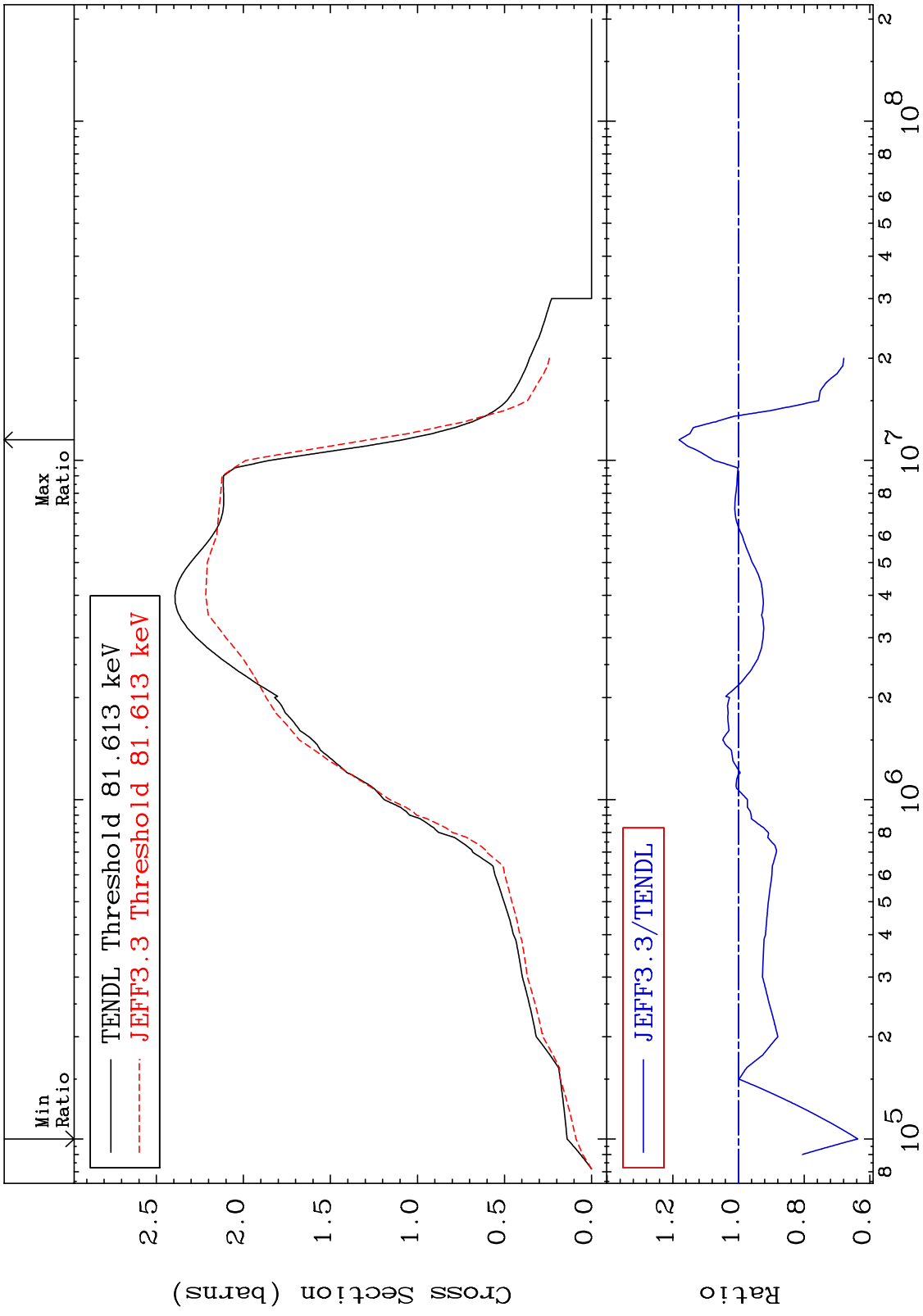


1 Incident Energy (eV) 55-Cs-133

MAT 5525 Elastic Cross Section 55-Cs-133 -94.75 To 159.0 %

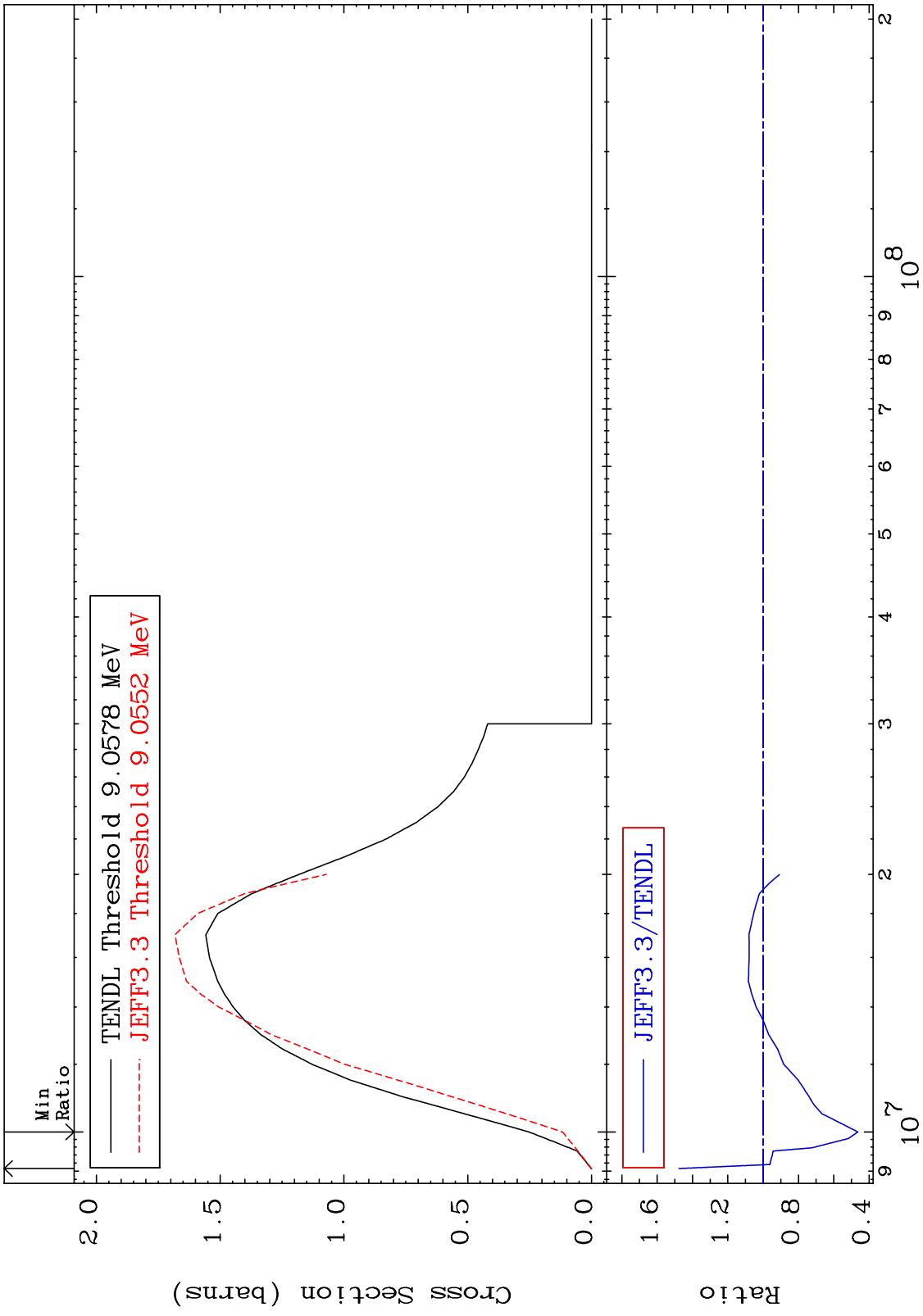


MAT 5525 Inelastic Cross Section 55-Cs-133 -36.34 To 18.09 %



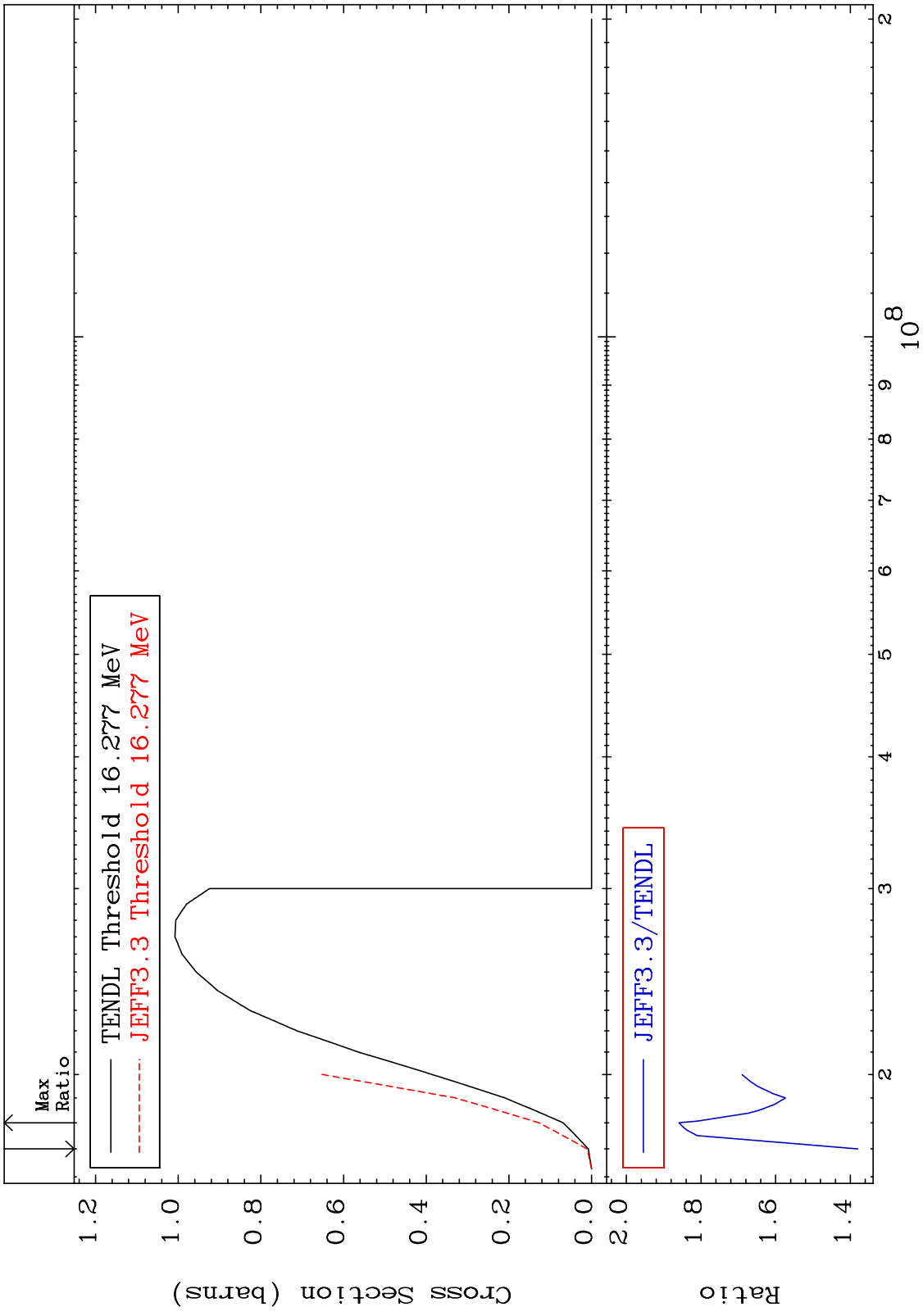
55-Cs-133

MAT 5525 (n,2n) Cross Section 55-Cs-133 -53.61 To 47.60 %



4 55-Cs-133

MAT 5525 (n,3n) Cross Section 55-Cs-133 38.00 To 85.89 %



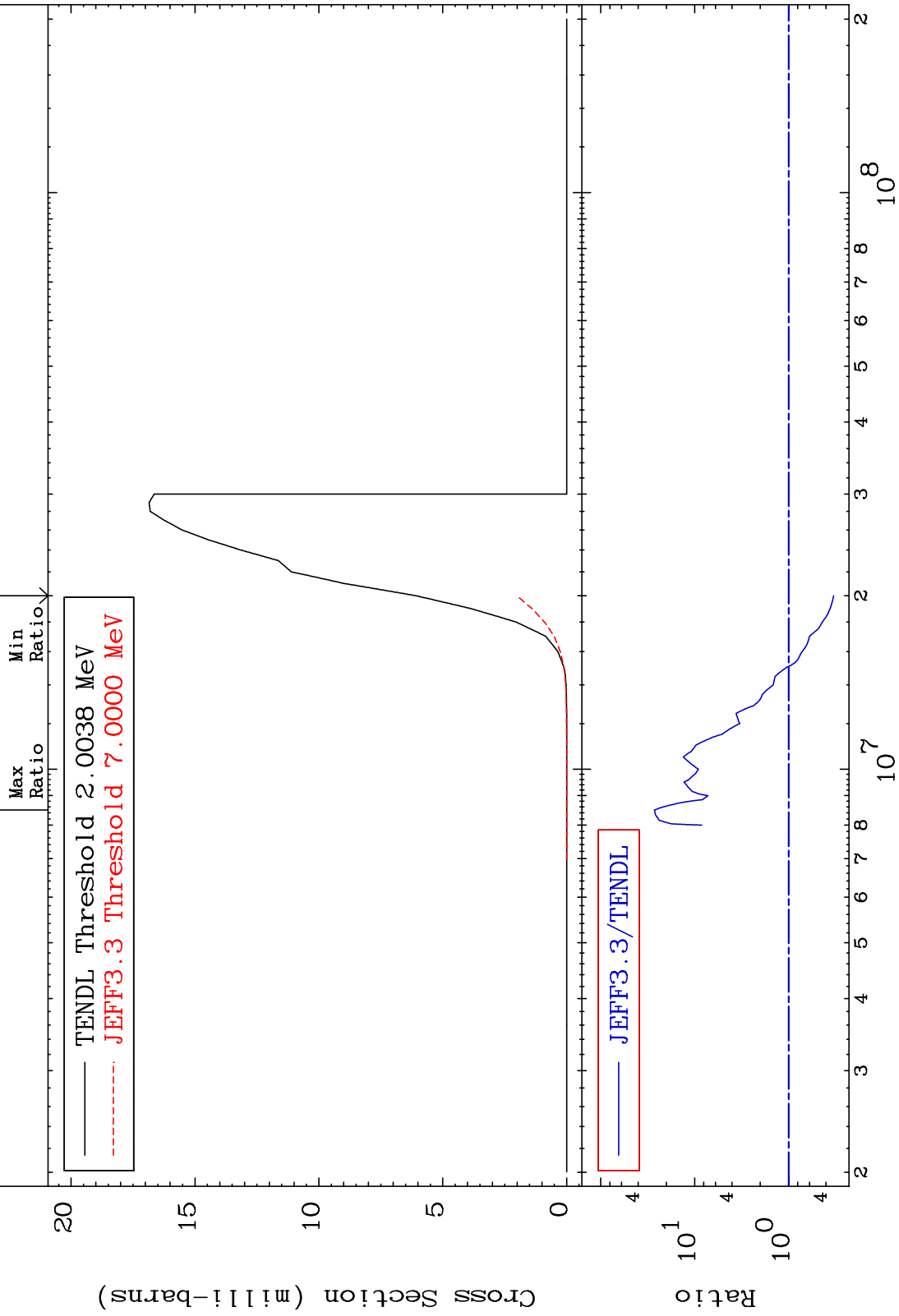
MAT 5525

(n, n')  $\alpha$

55-Cs-133

-66.88 To 2580. %

Cross Section

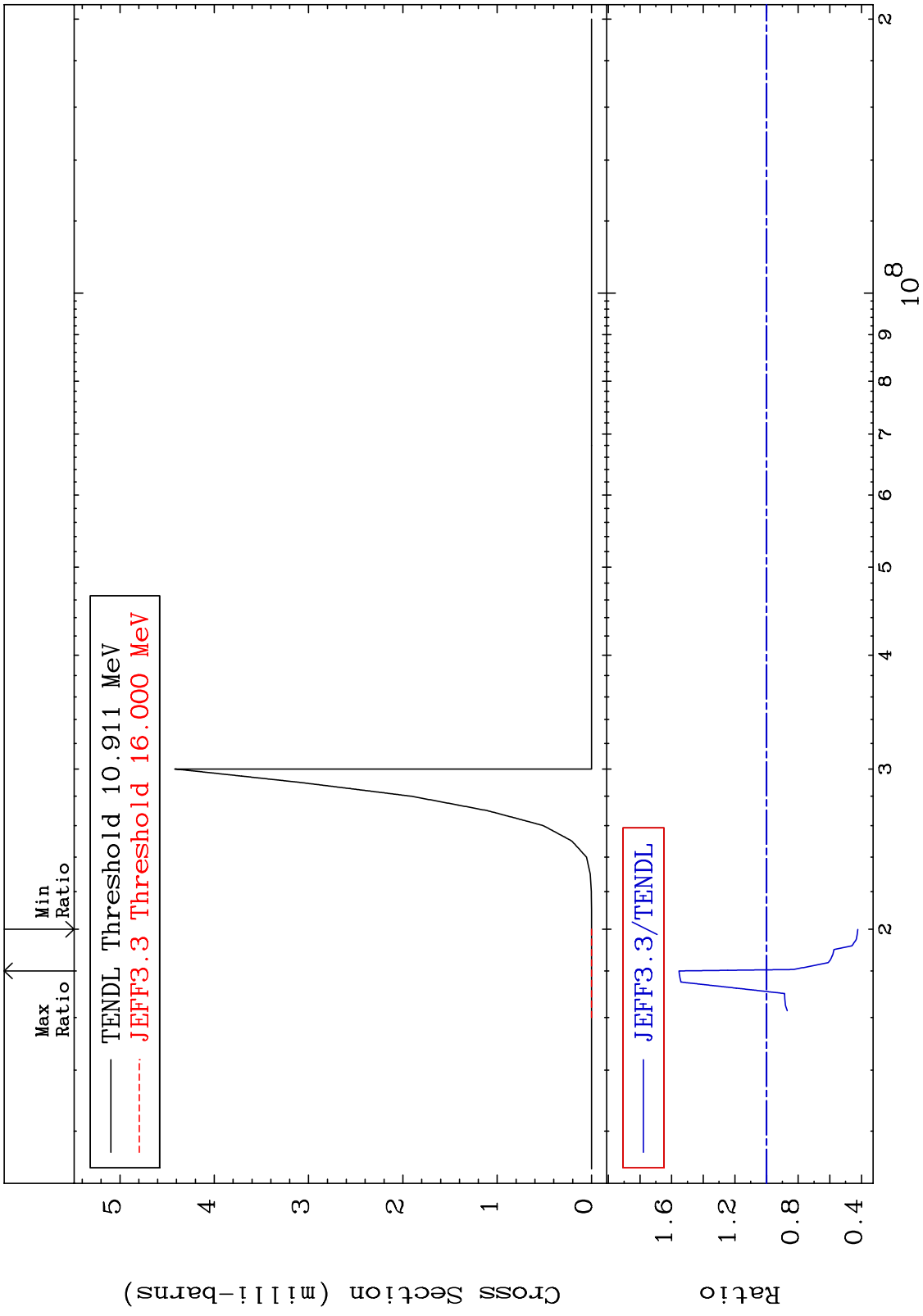


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Incident Energy (eV)

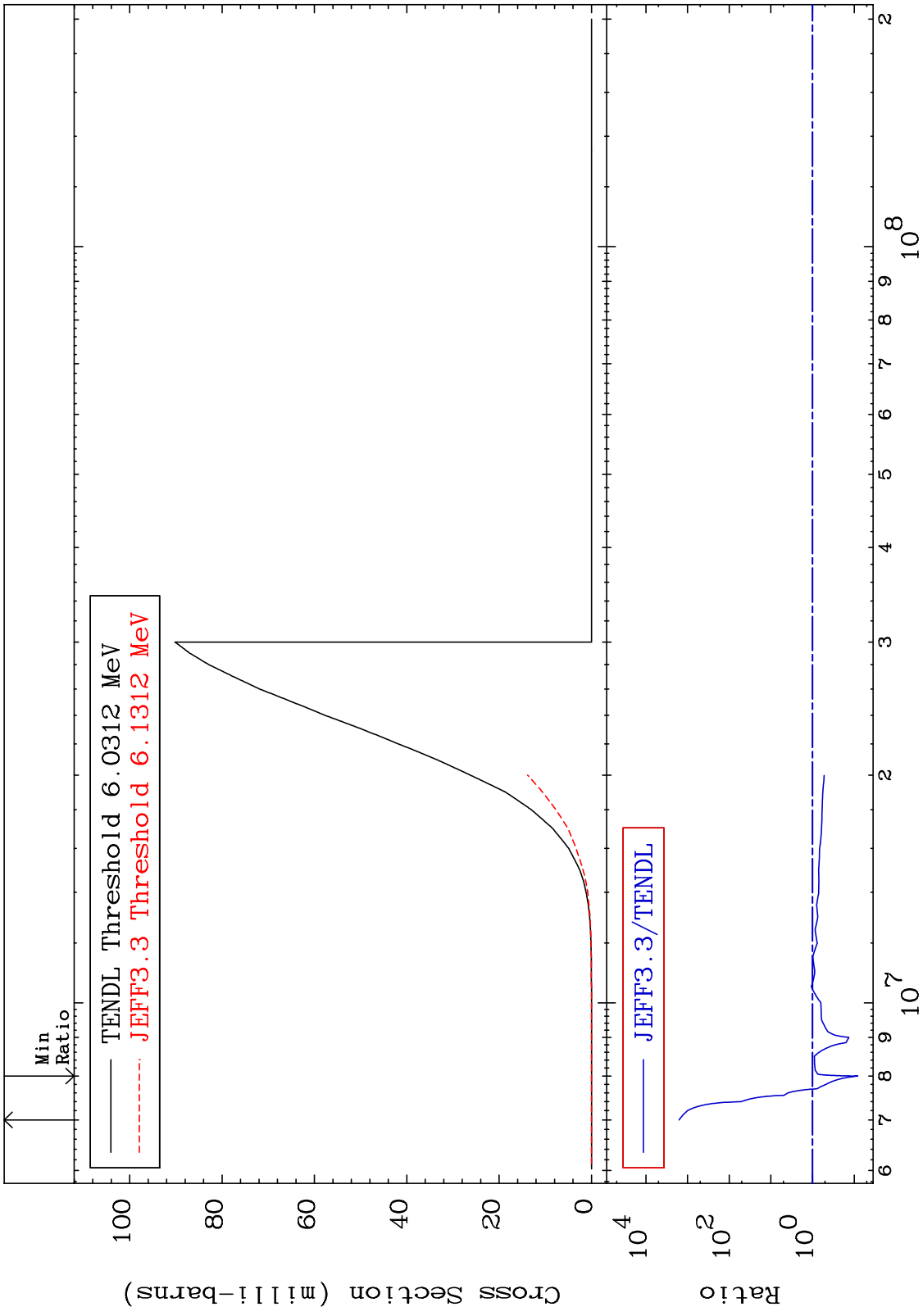
55-Cs-133

MAT 5525 (n,2n)  $\alpha$  55-Cs-133  
 Cross Section -57.73 To 55.32 %

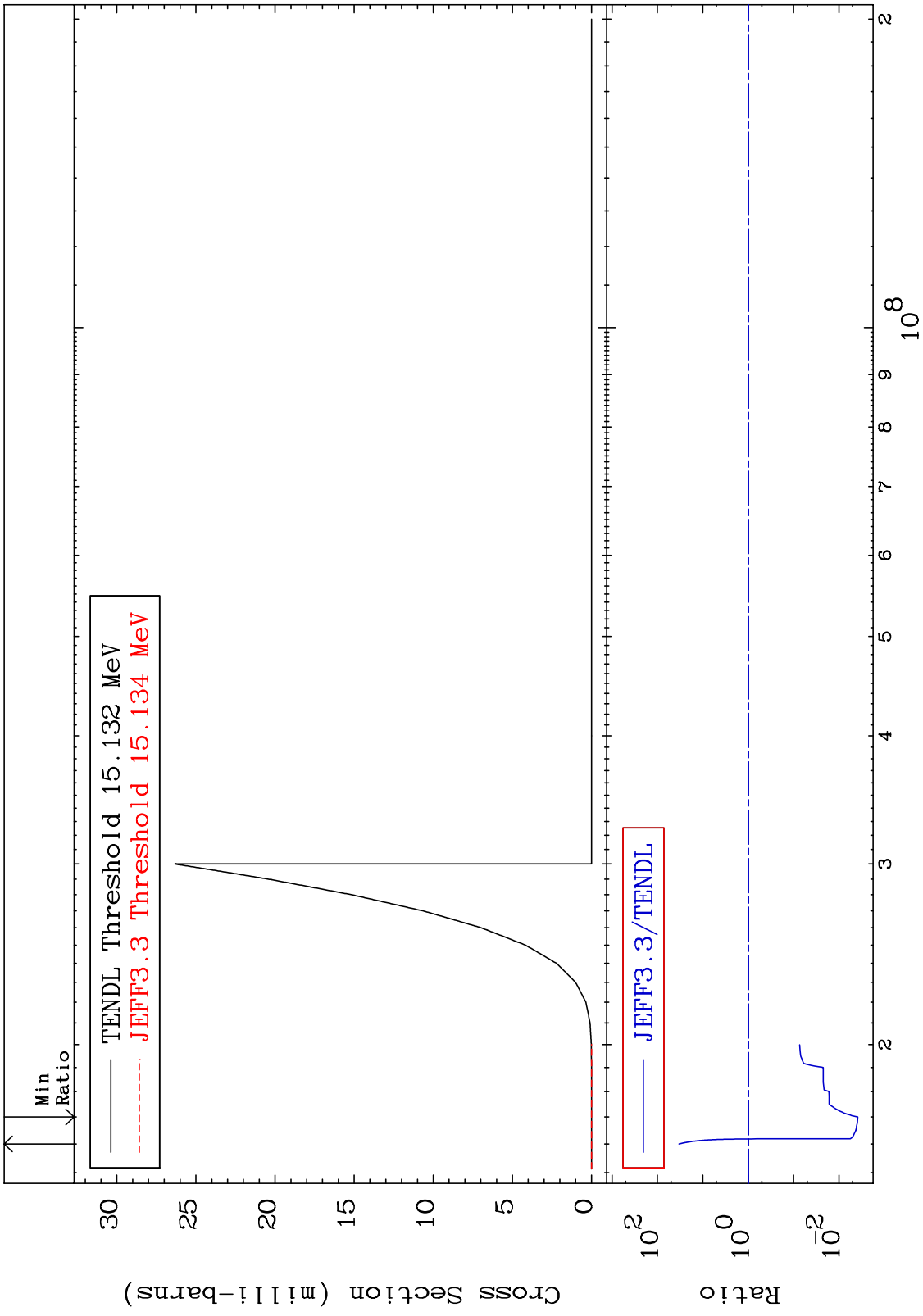




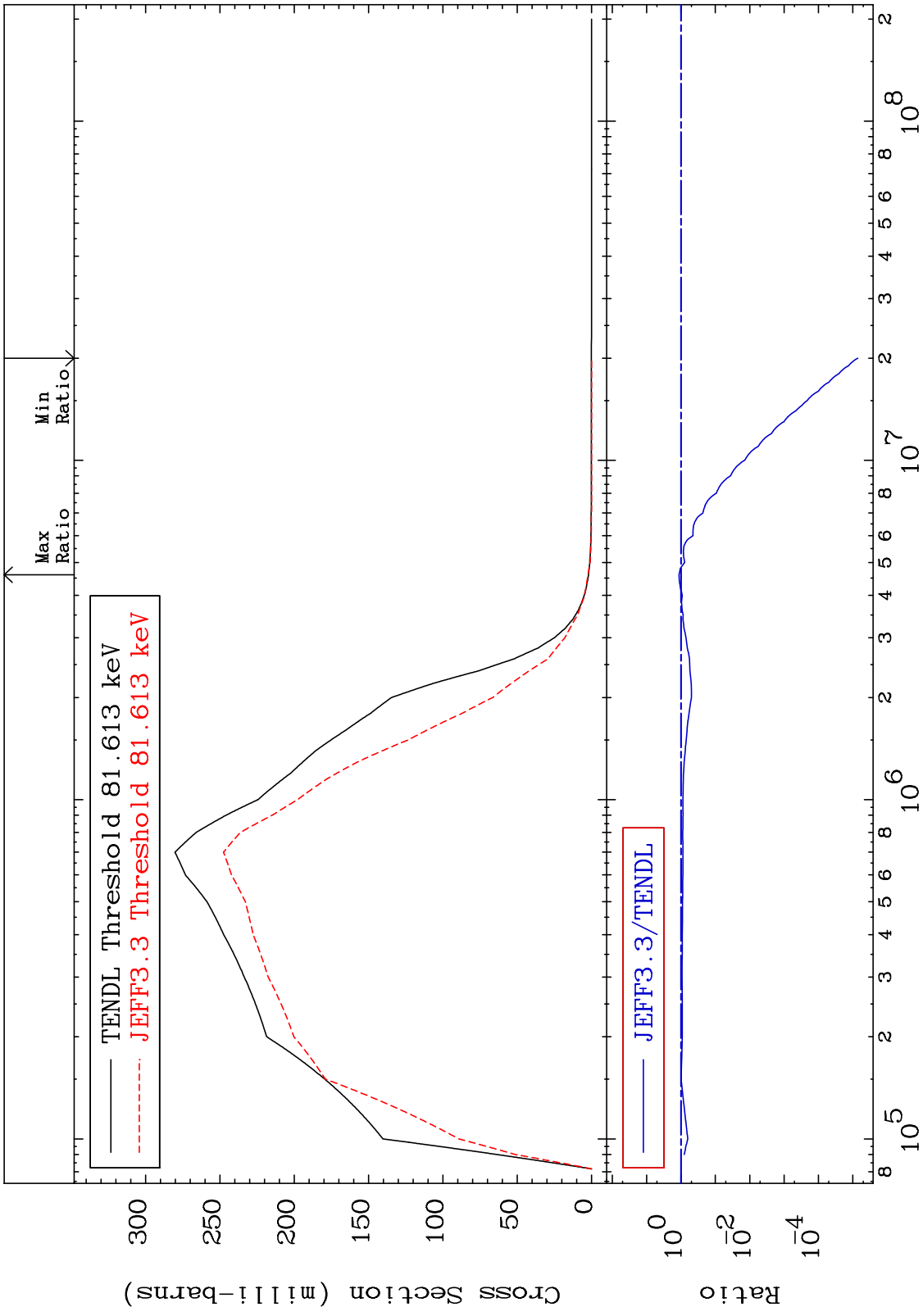
MAT 5525 (n,n') p 55-Cs-133  
 Cross Section -91.81 To 9999. %



MAT 5525 (n,2n) p 55-Cs-133  
 Cross Section -99.62 To 3235. %

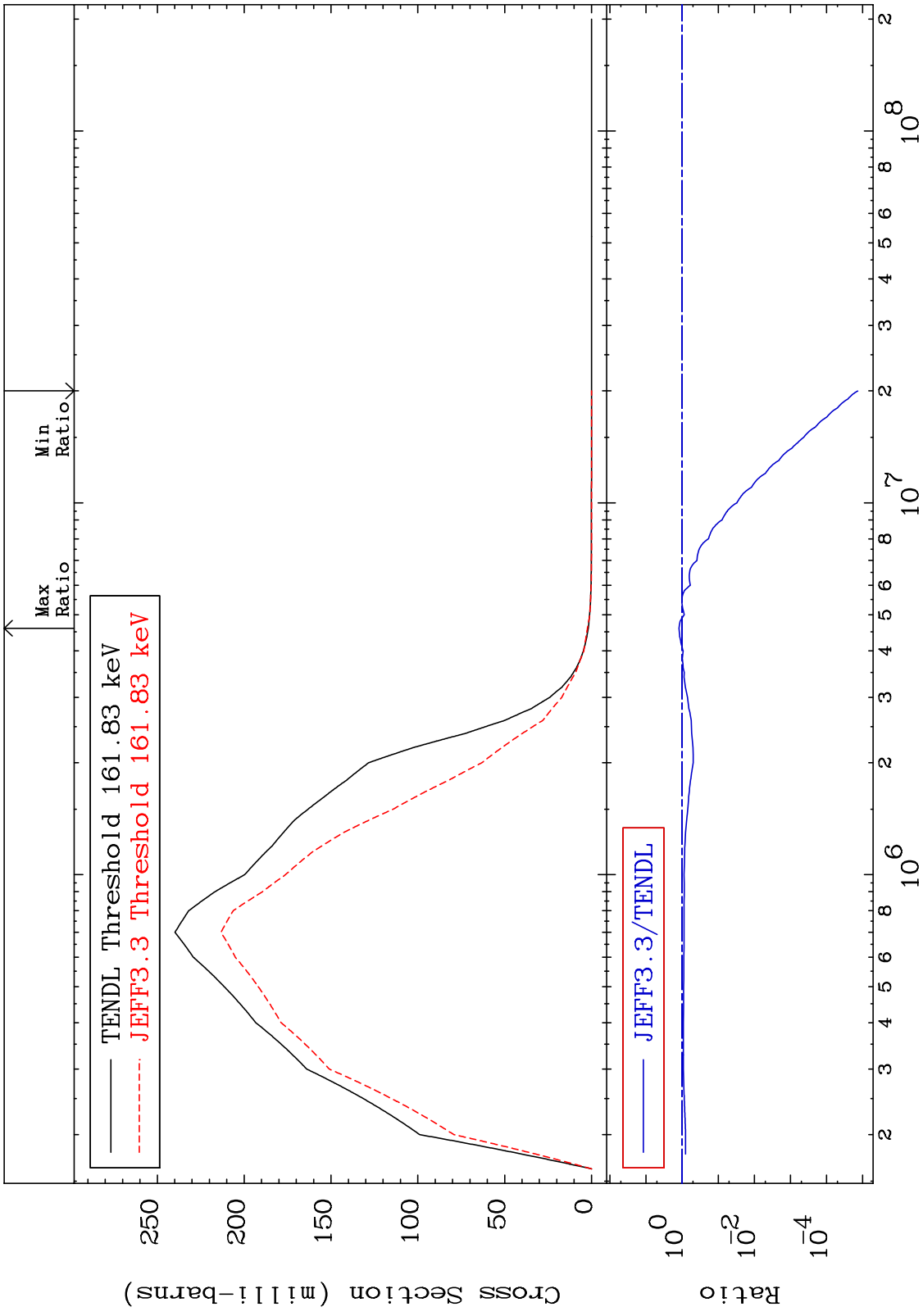


MAT 5525 MT= 51 (n,n') Level Cross Section 55-Cs-133  
 -100.0 To 14.09 %

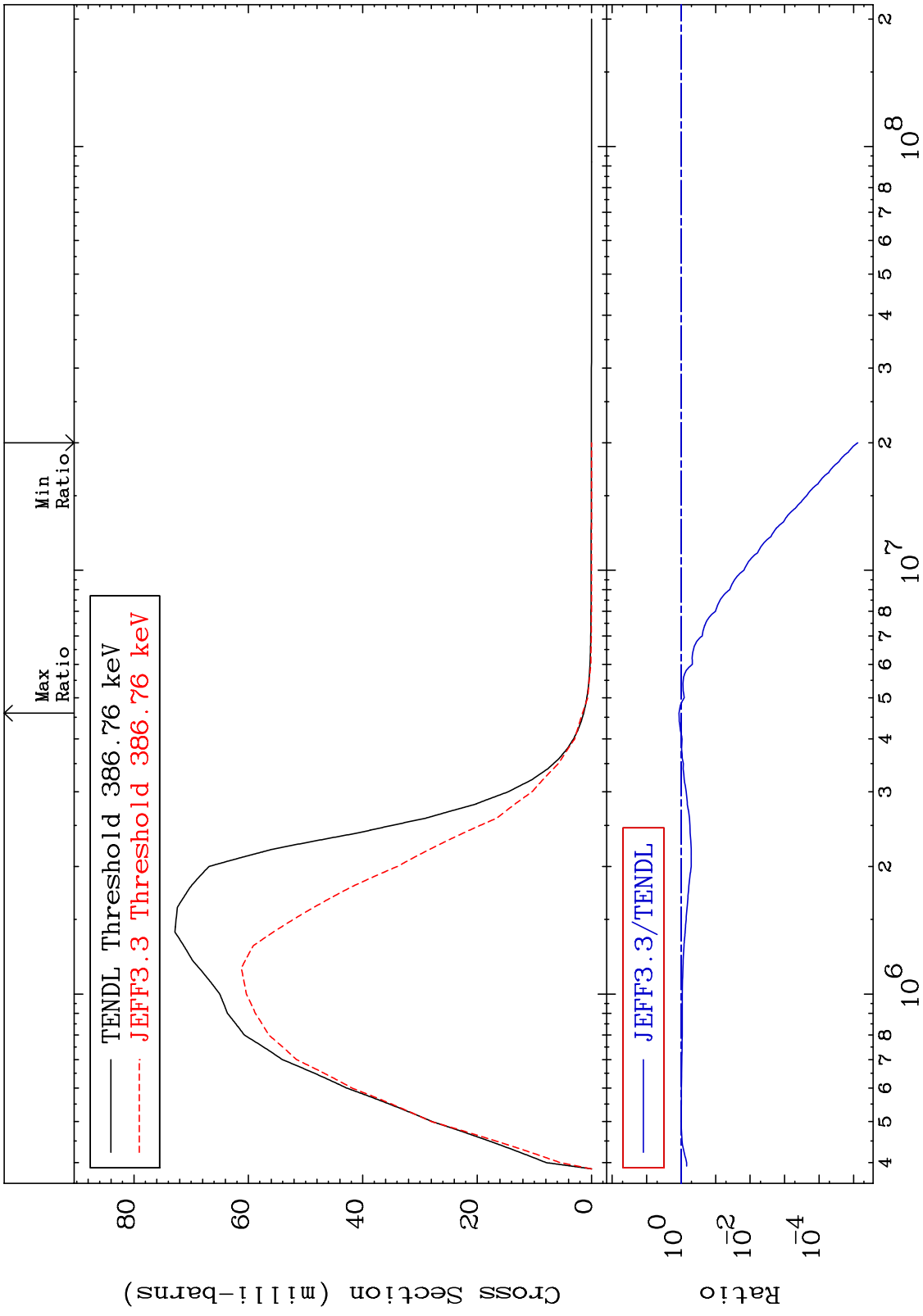


Incident Energy (eV) 55-Cs-133

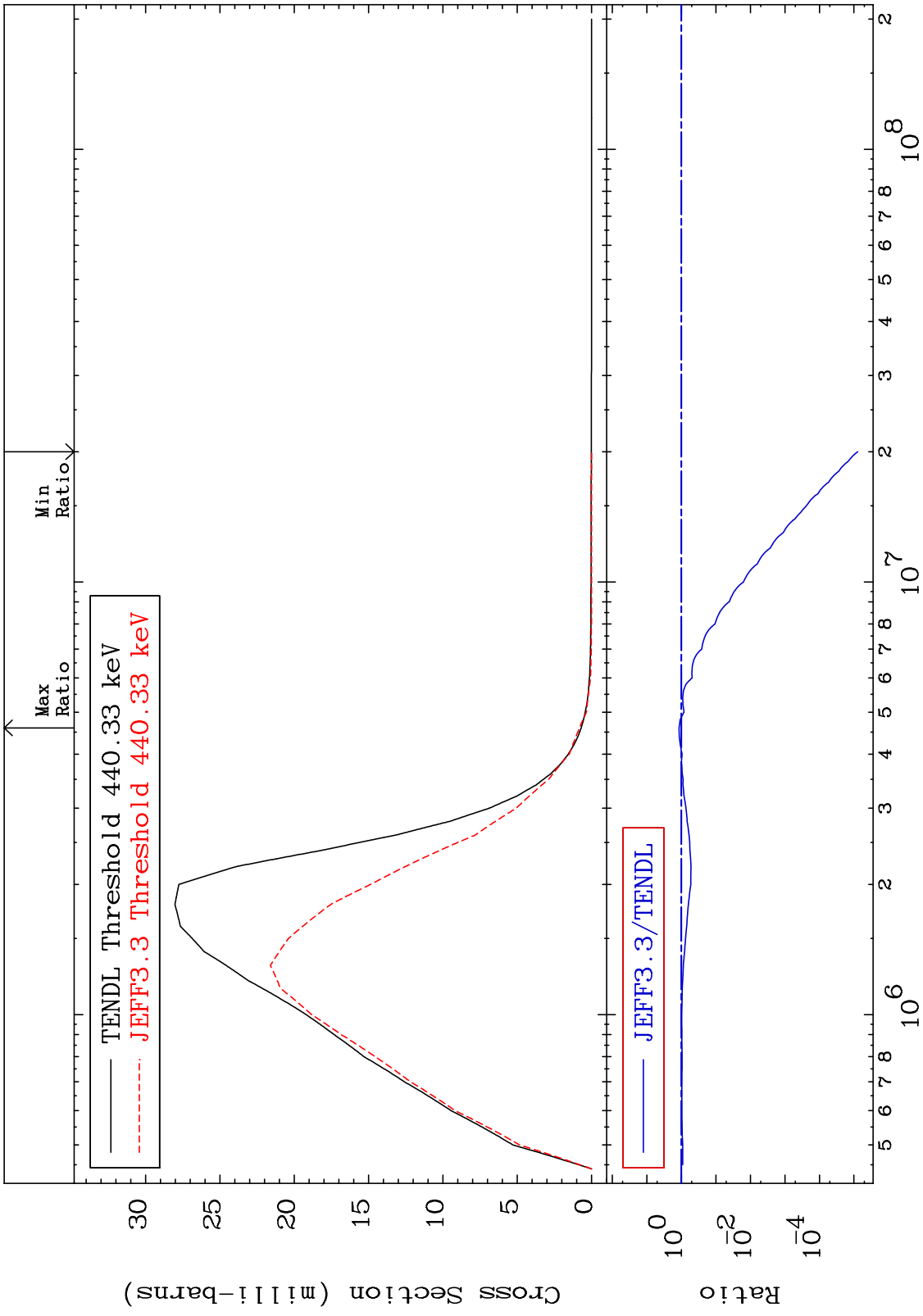
MAT 5525 MT= 52 (n,n') Level Cross Section 55-Cs-133  
 -100.0 To 21.83 %



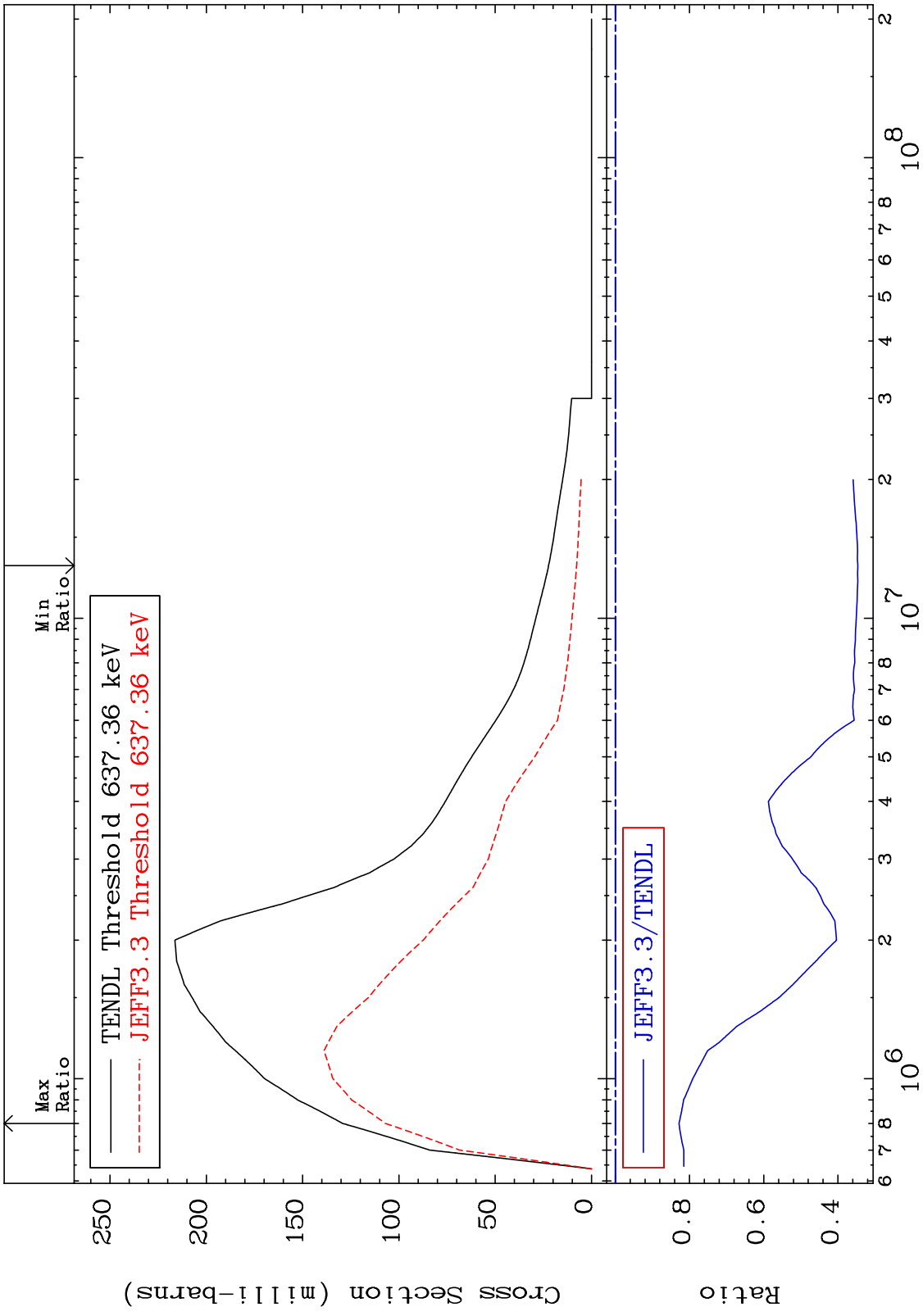
MAT 5525 MT= 53 (n,n') Level Cross Section 55-Cs-133  
-100.0 To 14.80 %



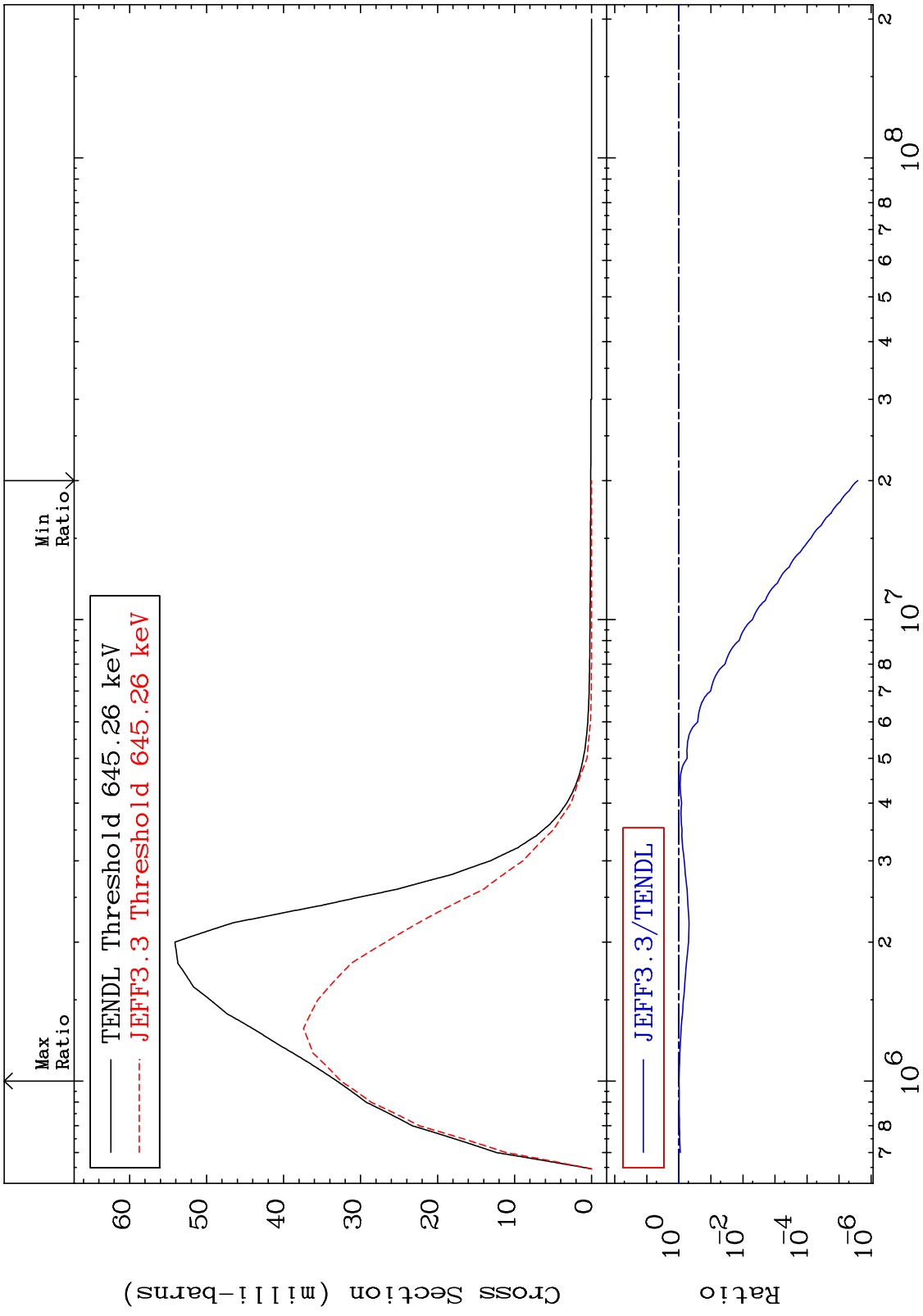
MAT 5525 MT= 54 (n,n') Level Cross Section 55-Cs-133  
 -100.0 To 16.52 %



MAT 5525 MT= 55 (n,n') Level Cross Section 55-Cs-133 -65.36 To -17.17%

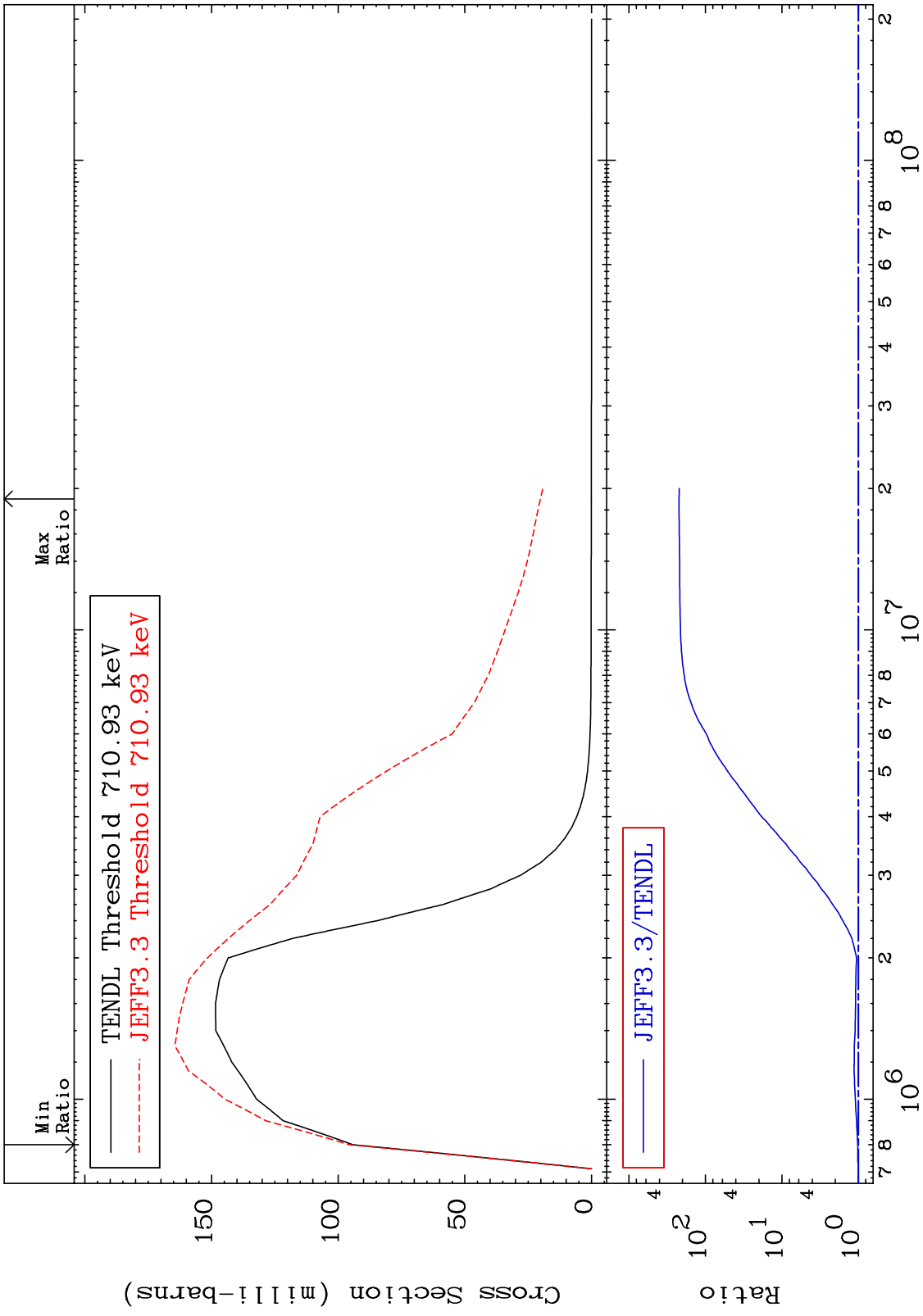


MAT 5525 MT= 56 (n,n') Level Cross Section 55-Cs-133 -100.0 To -1.570%

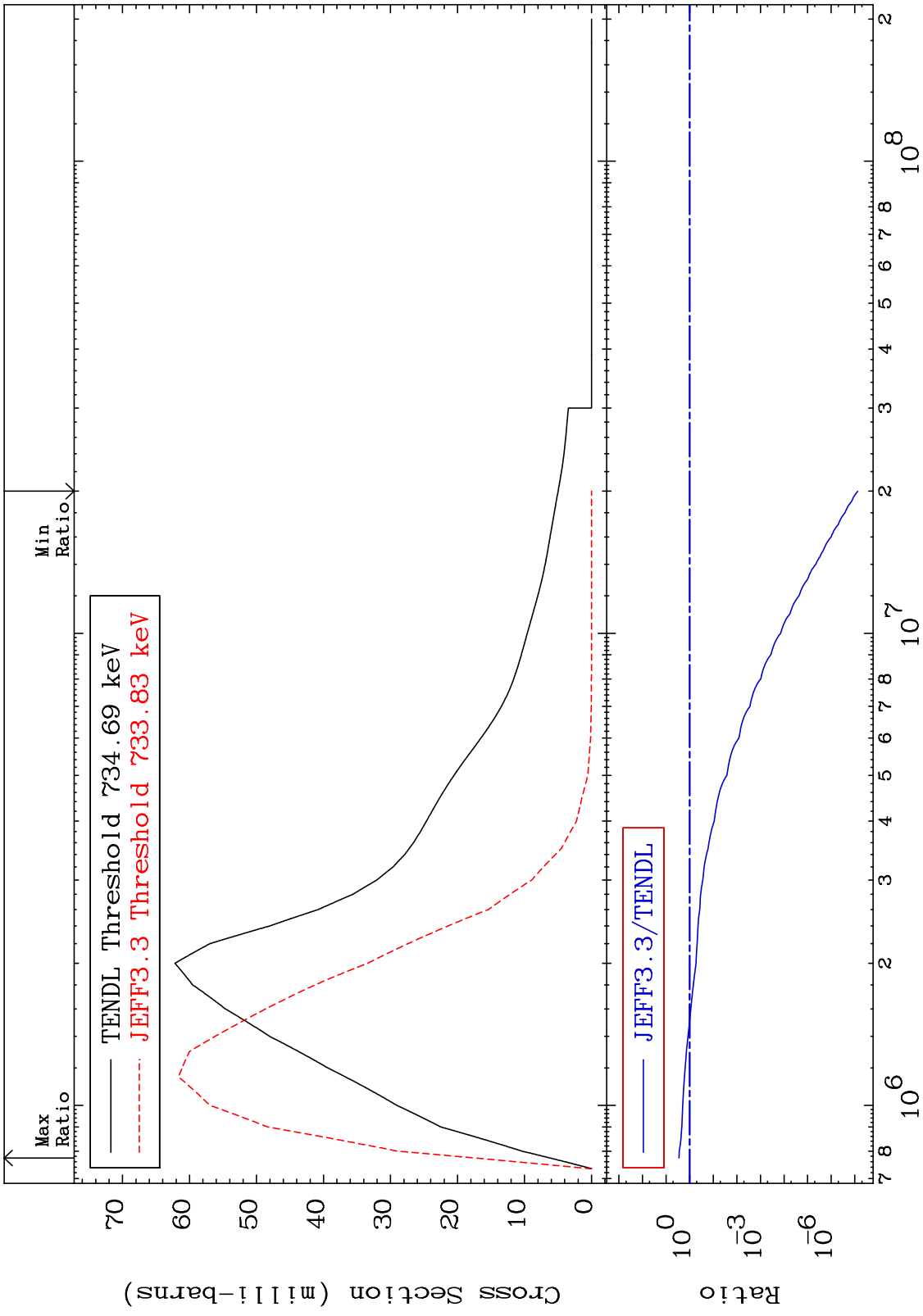




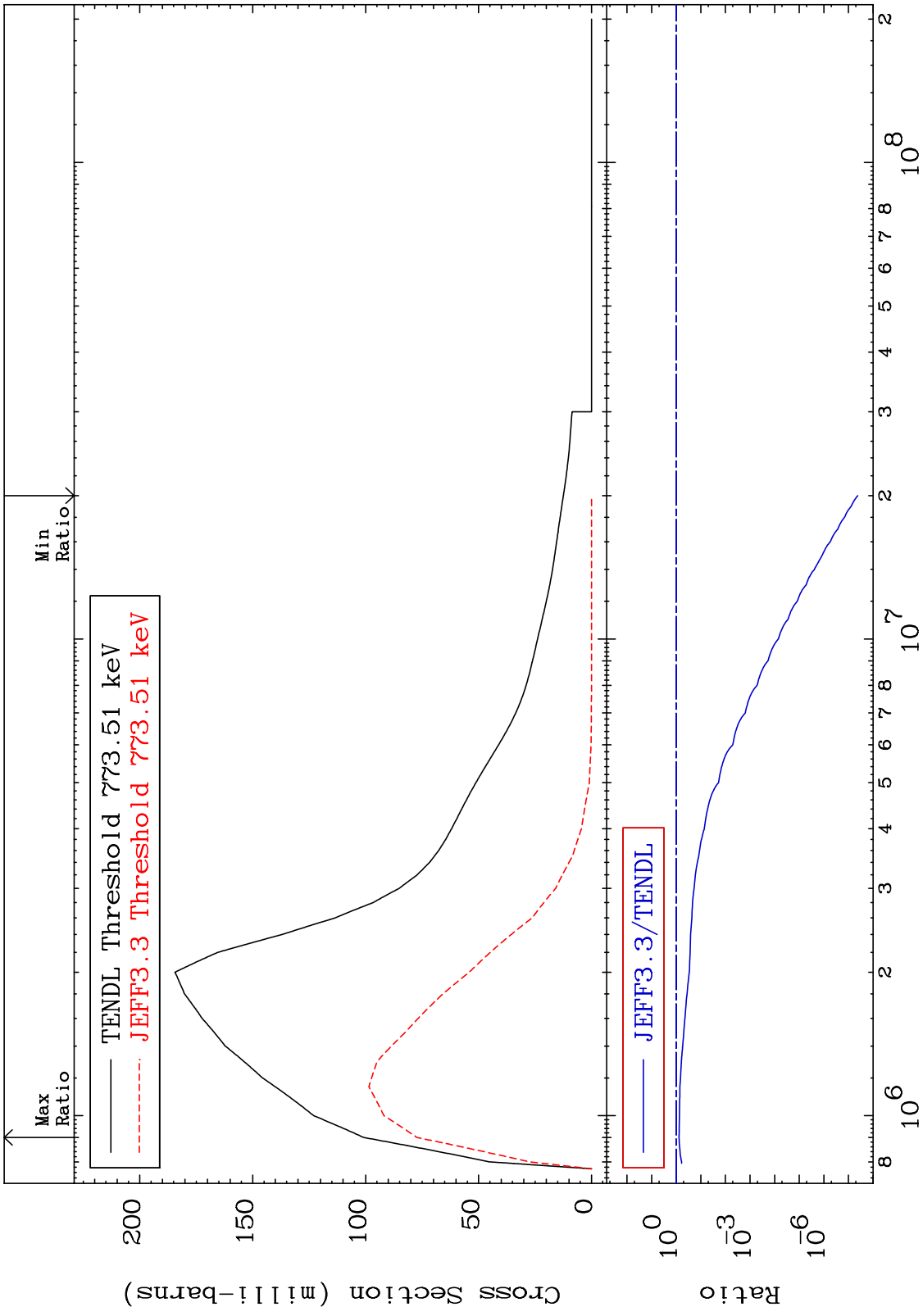
MAT 5525 MT= 57 (n,n') Level Cross Section 55-Cs-133 To 9999. %  
 1.548



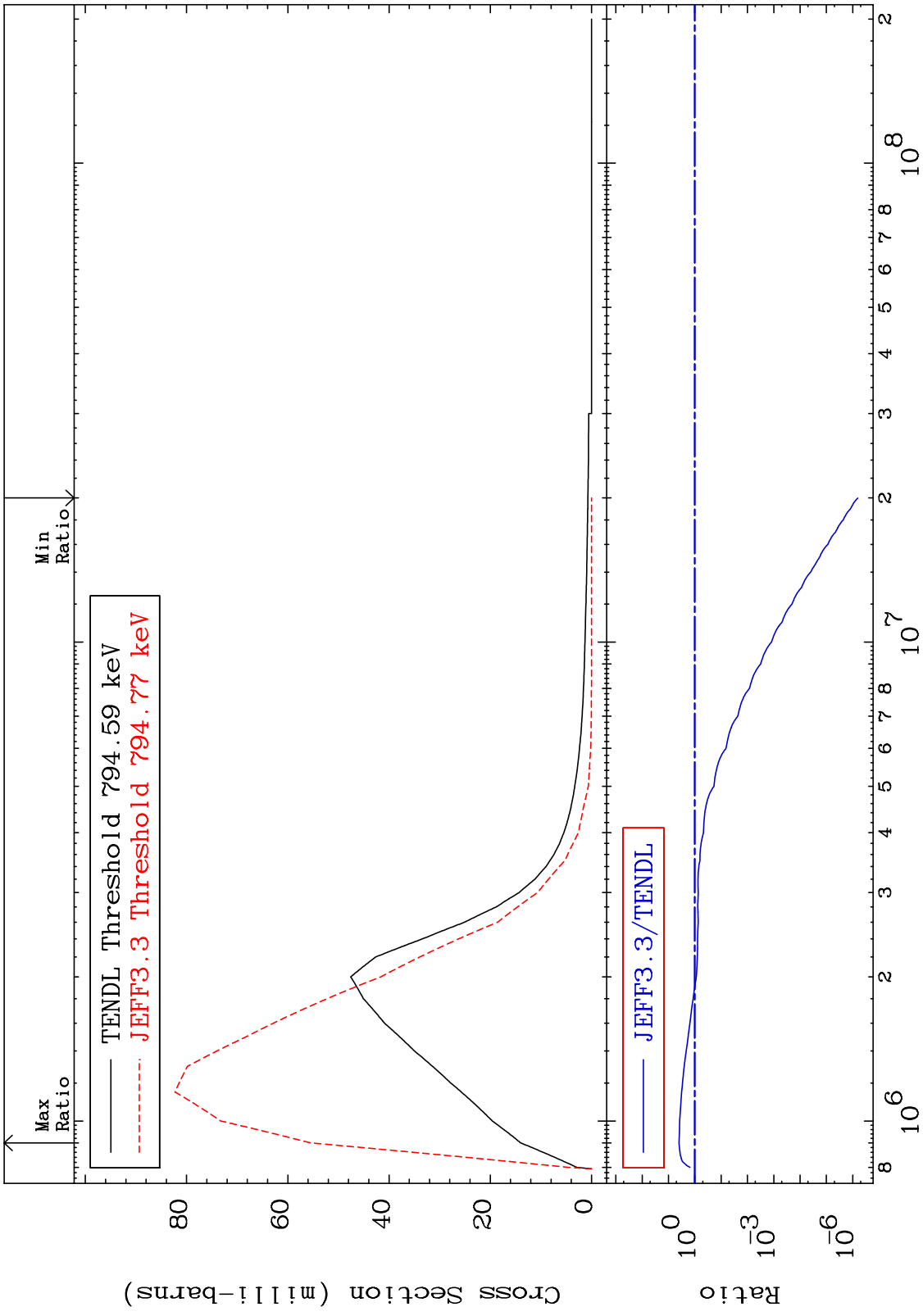
MAT 5525 MT= 58 (n,n') Level Cross Section 55-Cs-133  
 -100.0 To 181.5 %



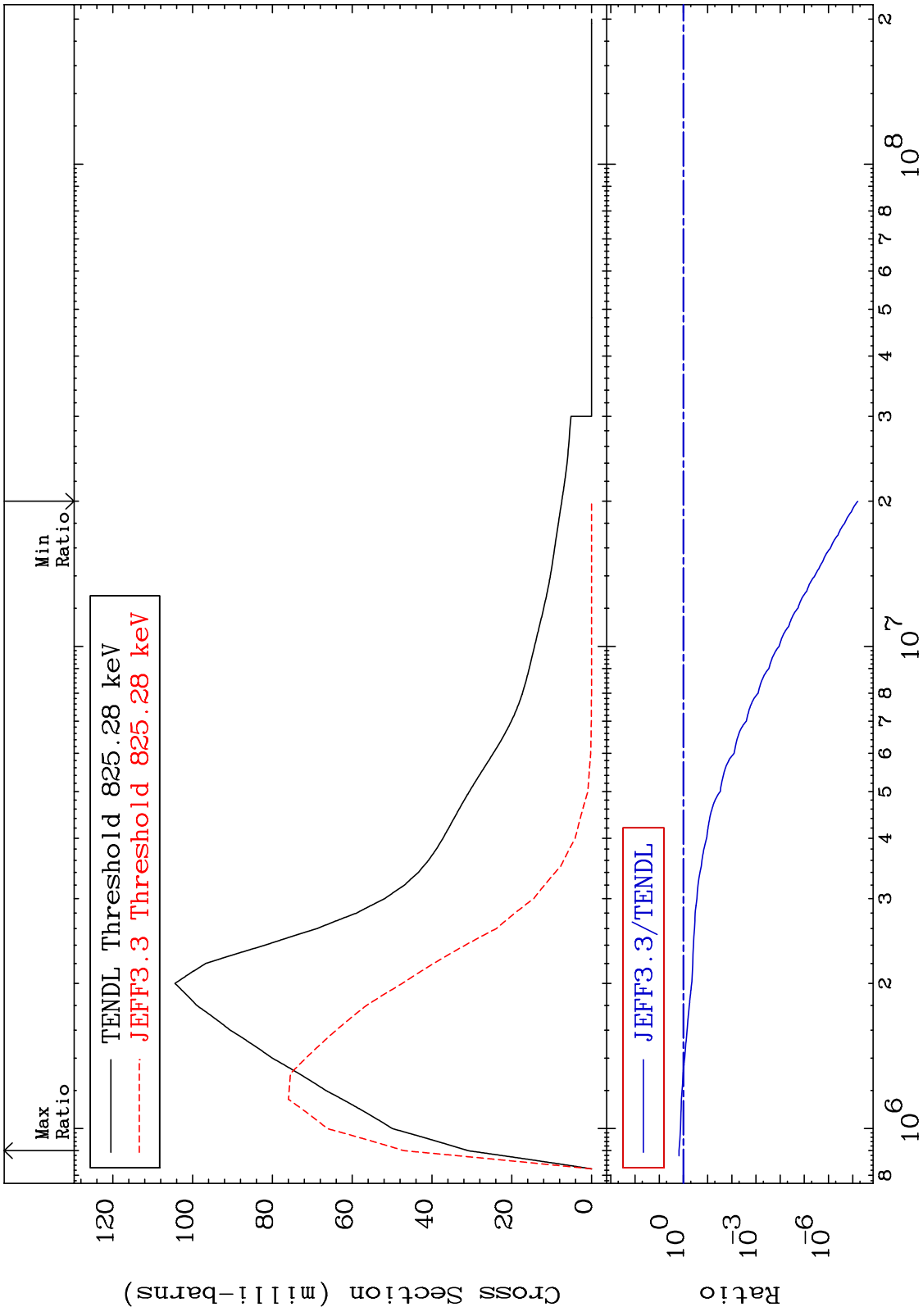
MAT 5525 MT= 59 (n,n') Level Cross Section 55-Cs-133 -100.0 To -23.35%



MAT 5525 MT= 60 (n,n') Level Cross Section 55-Cs-133 -100.0 To 297.0 %

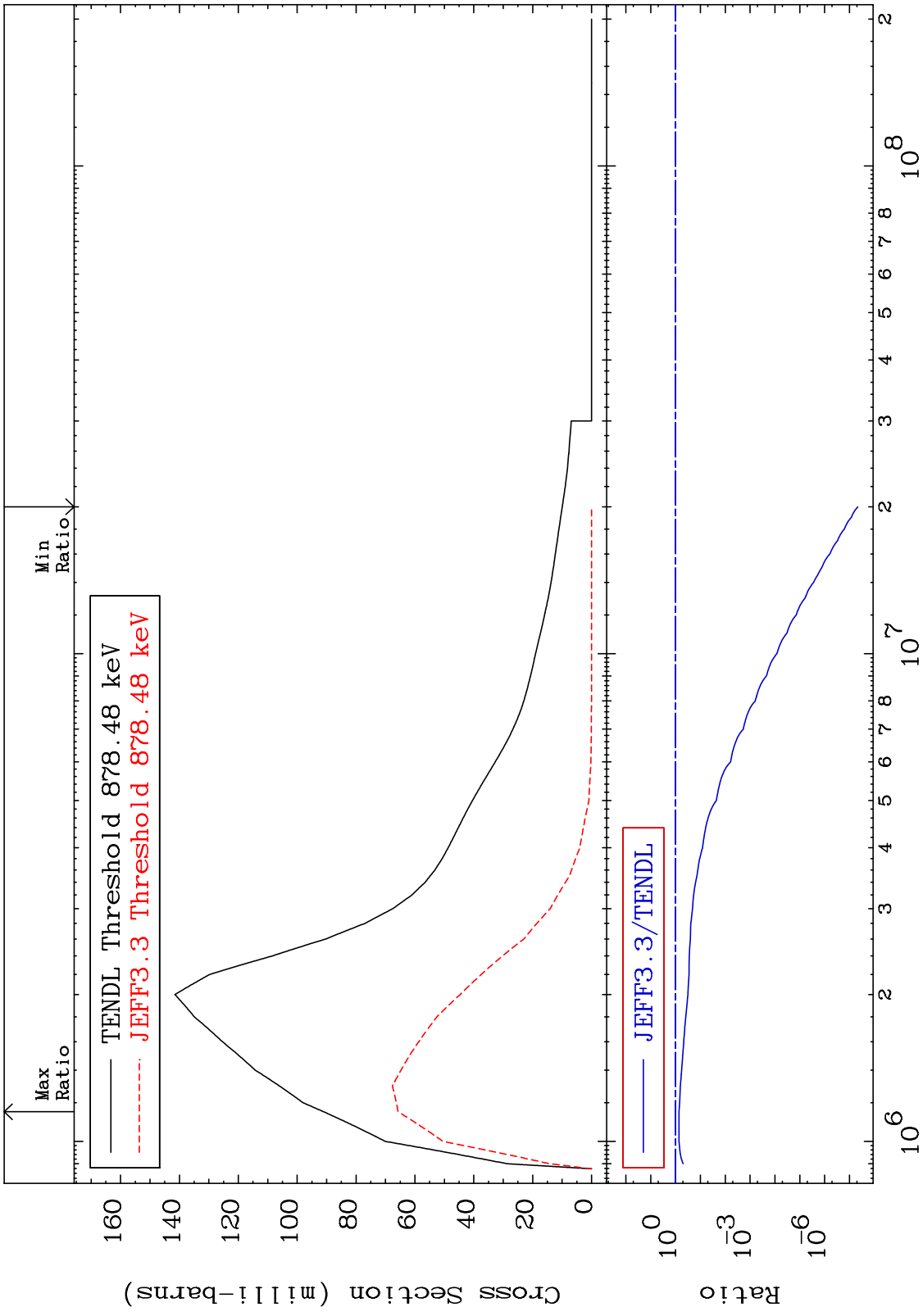


MAT 5525 MT= 61 (n,n') Level Cross Section 55-Cs-133 -100.0 To 51.74 %

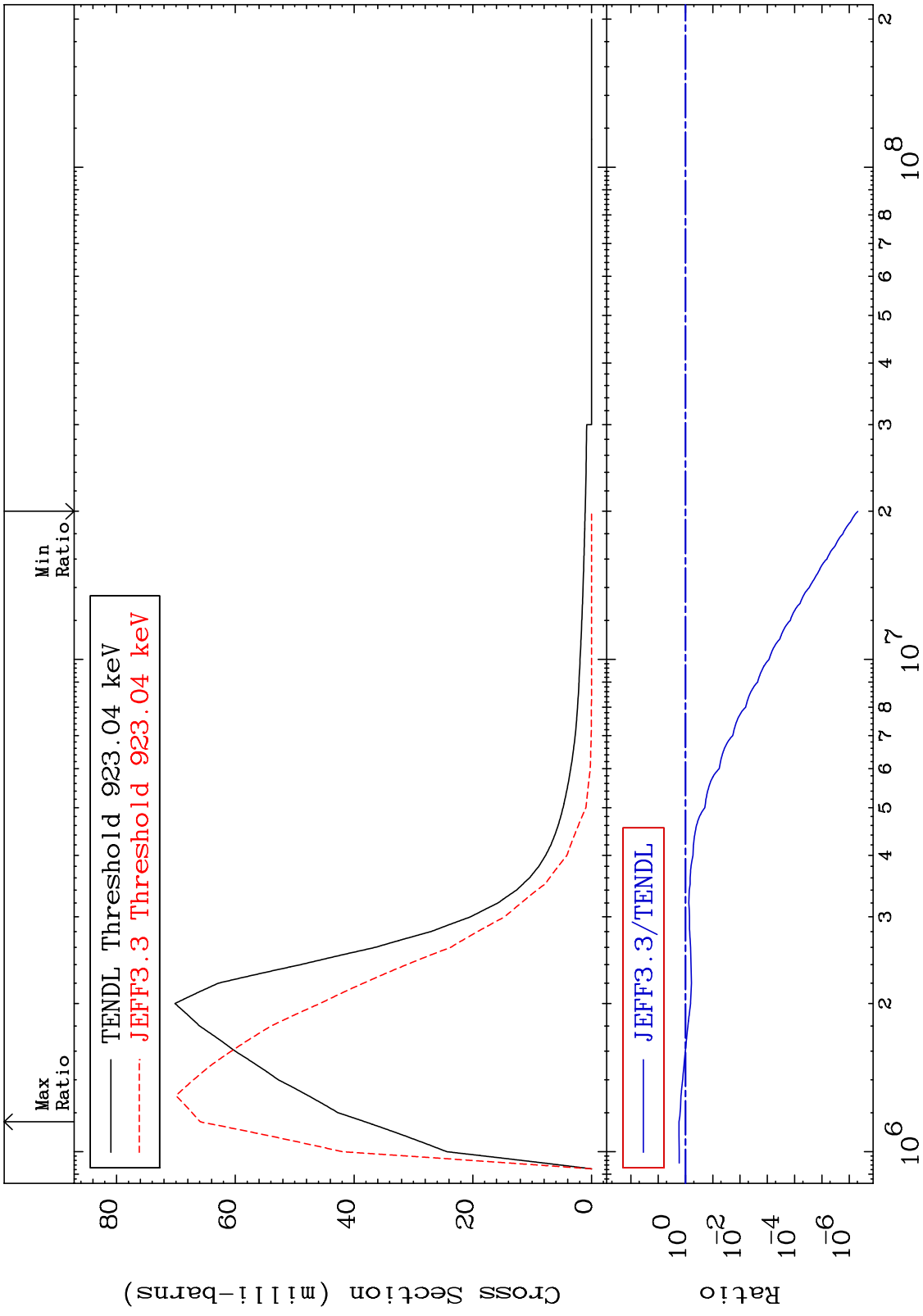


20 Incident Energy (eV) 55-Cs-133

MAT 5525      MT= 62 (n,n') Level Cross Section      55-Cs-133  
 -100.0 To -27.83%

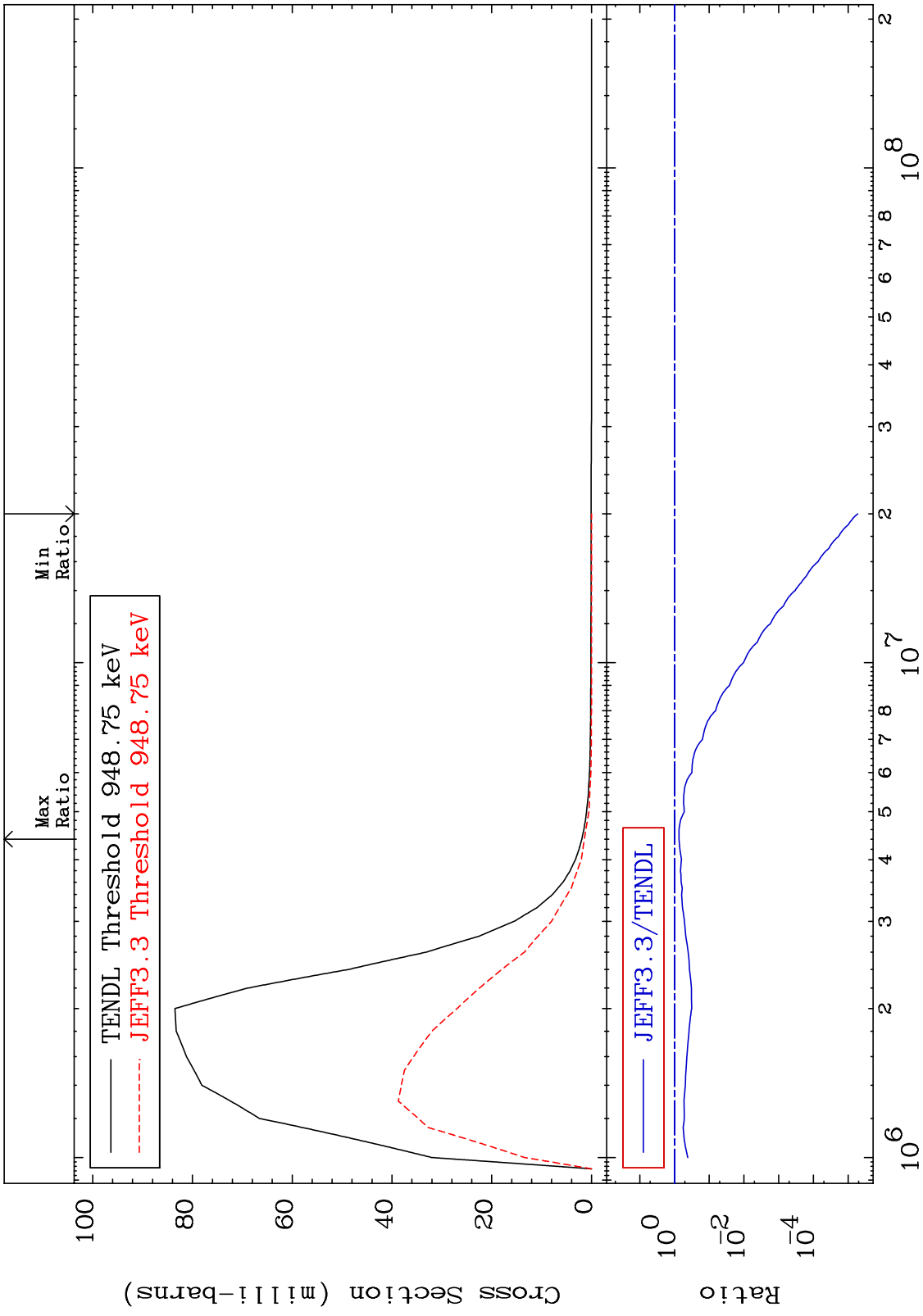


MAT 5525 MT= 63 (n, n') Level Cross Section 55-Cs-133  
 -100.0 To 72.90 %



22 55-Cs-133

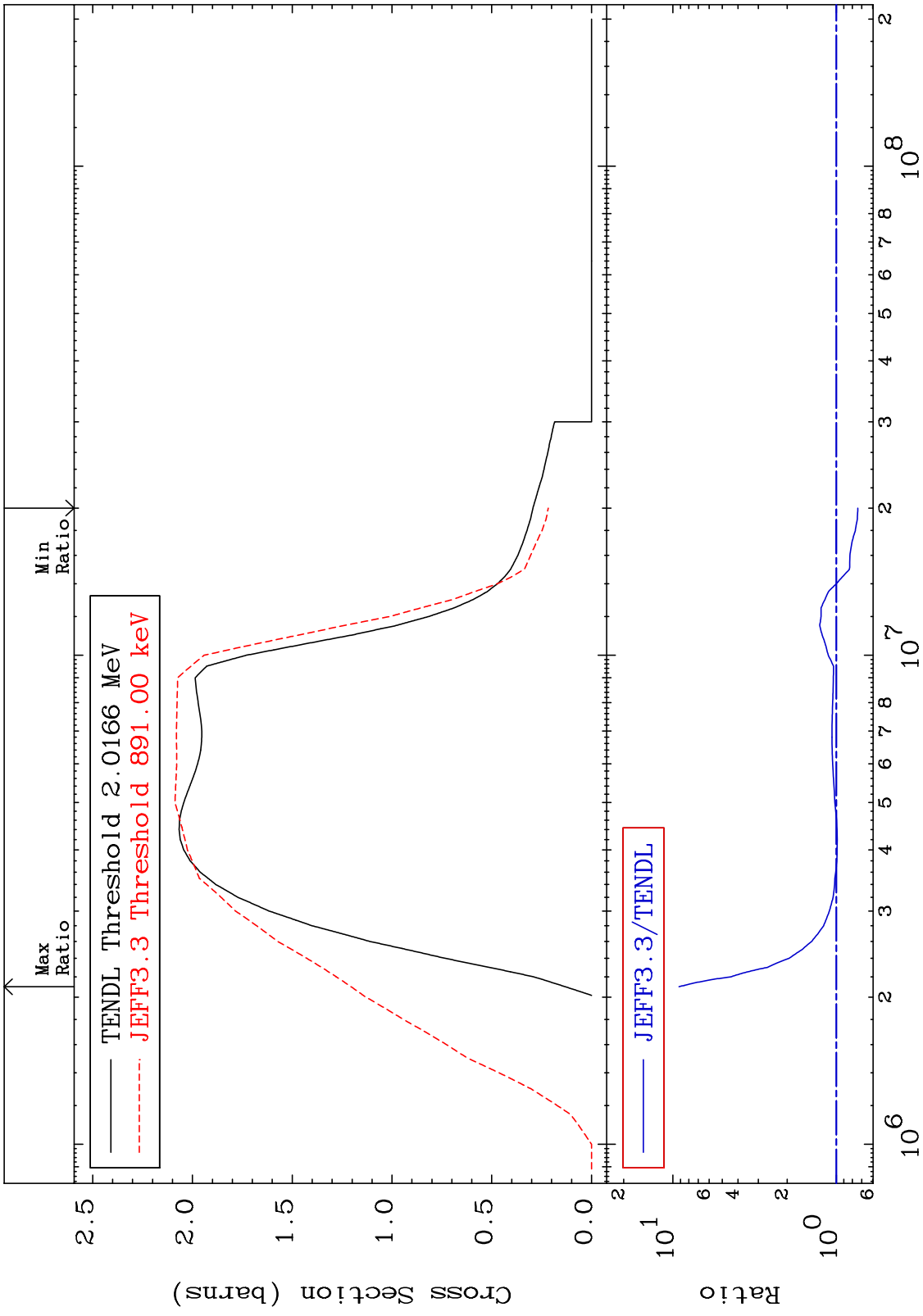
MAT 5525 MT= 64 (n,n') Level Cross Section 55-Cs-133 -100.0 To -26.00%



Incident Energy (eV) 55-Cs-133



MAT 5525 (n,n') Continuum Cross Section 55-Cs-133 -26.05 To 817.9 %



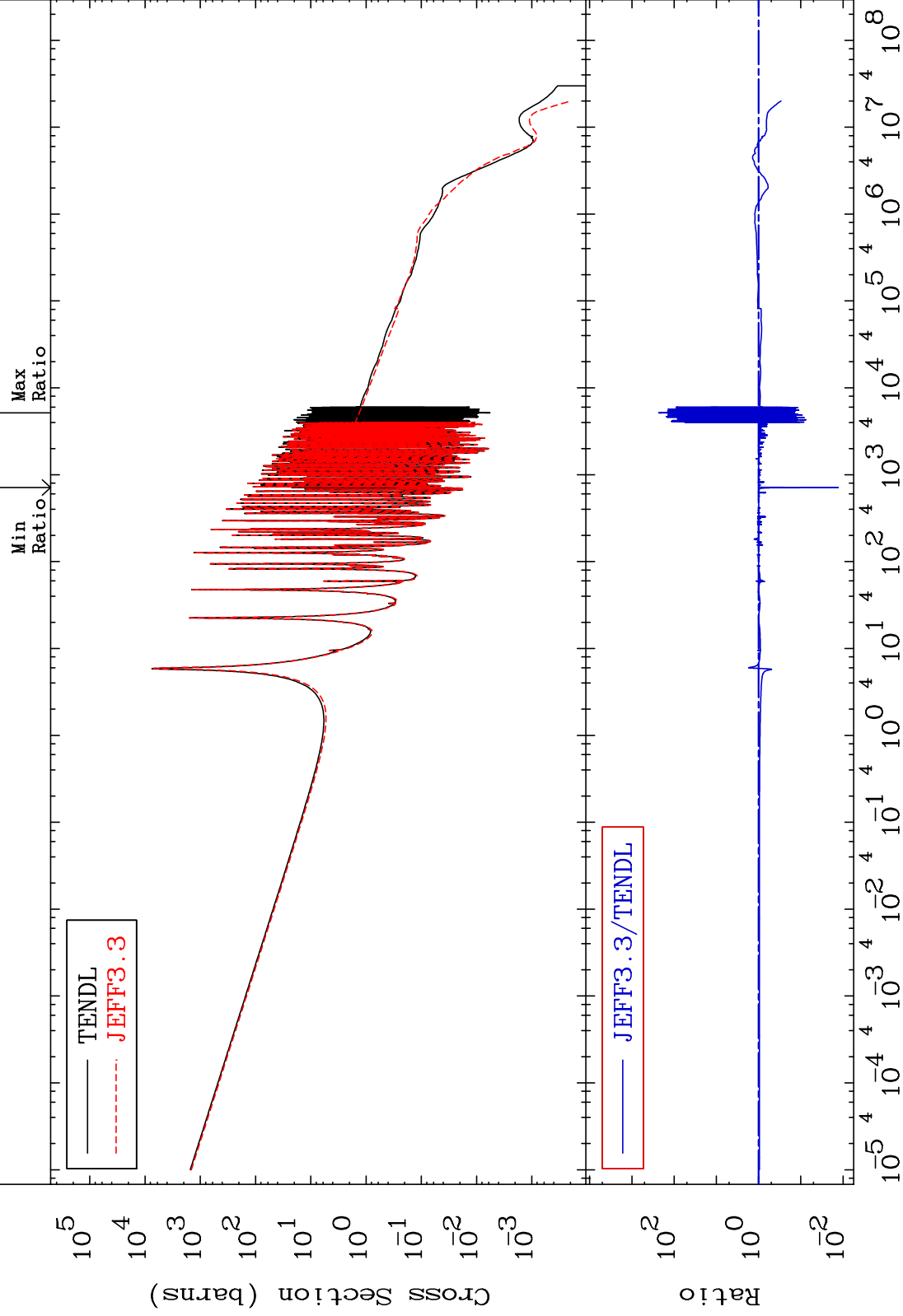
MAT 5525

(n,  $\gamma$ )

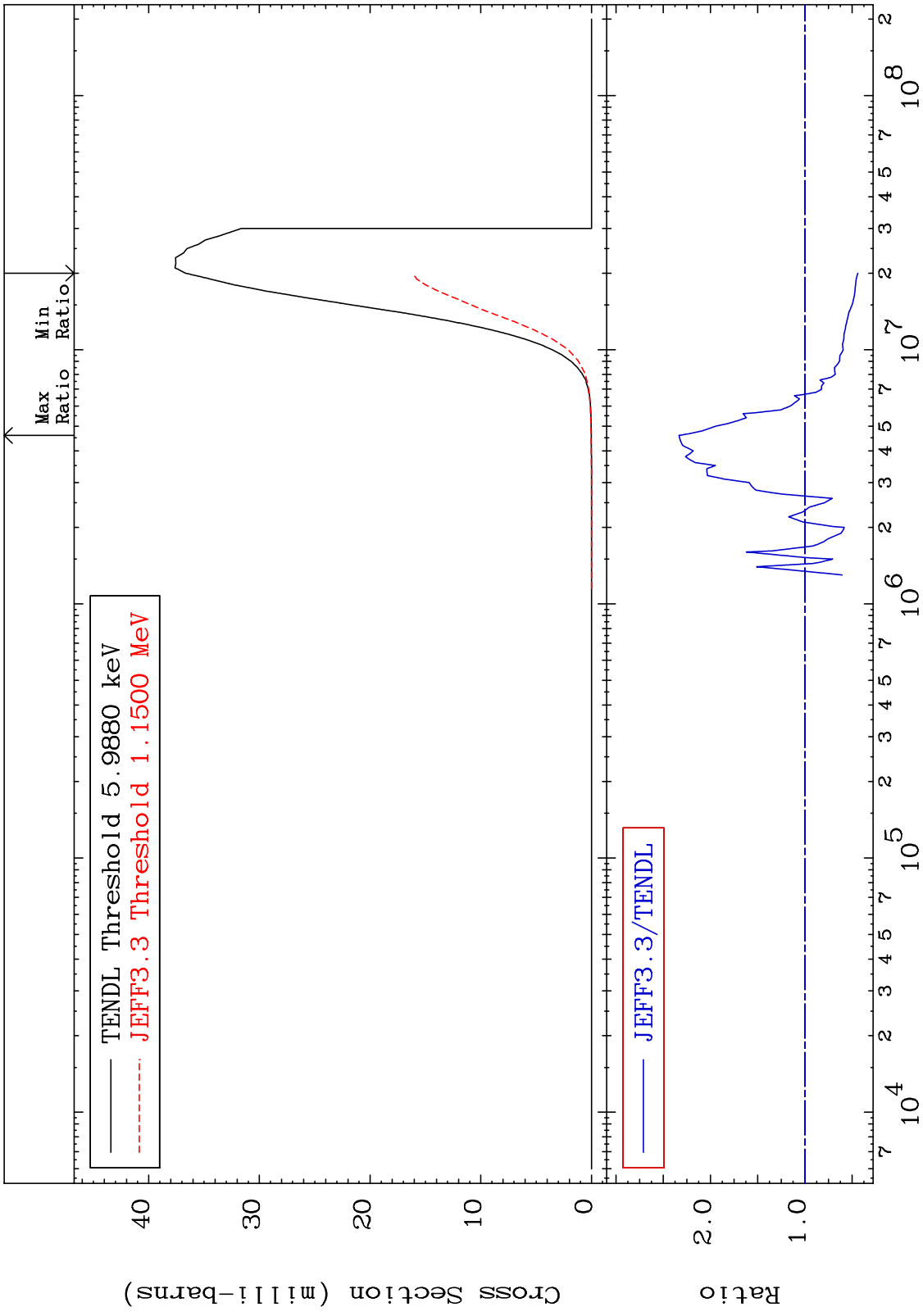
55-Cs-133

-98.71 To 9999. %

Cross Section



MAT 5525 (n,p) Cross Section 55-Cs-133 -55.97 To 133.3 %



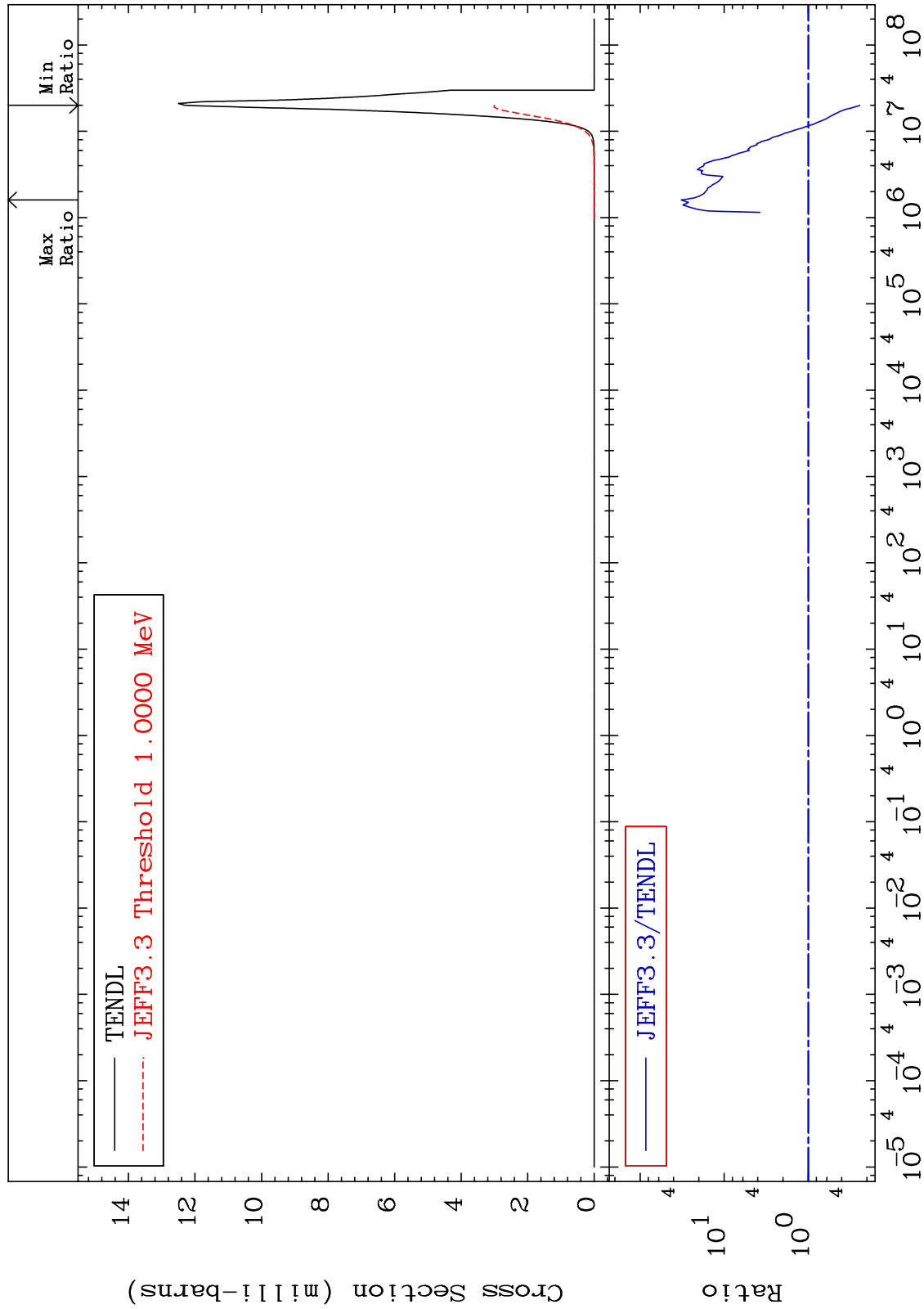
MAT 5525

(n,  $\alpha$ )

55-Cs-133

Cross Section

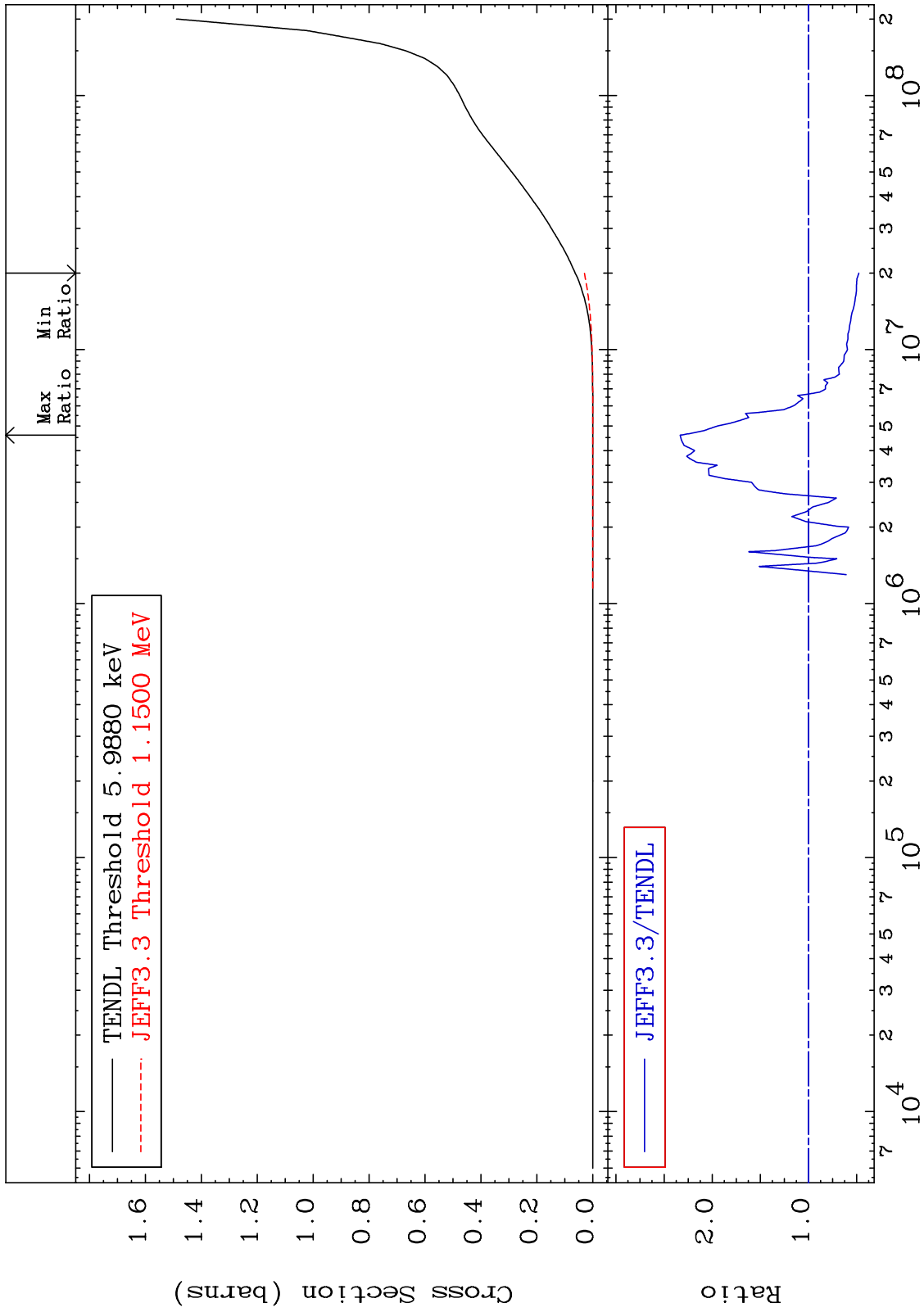
-75.61 To 3122. %



MAT 5525

Hydrogen Production  
Cross Section

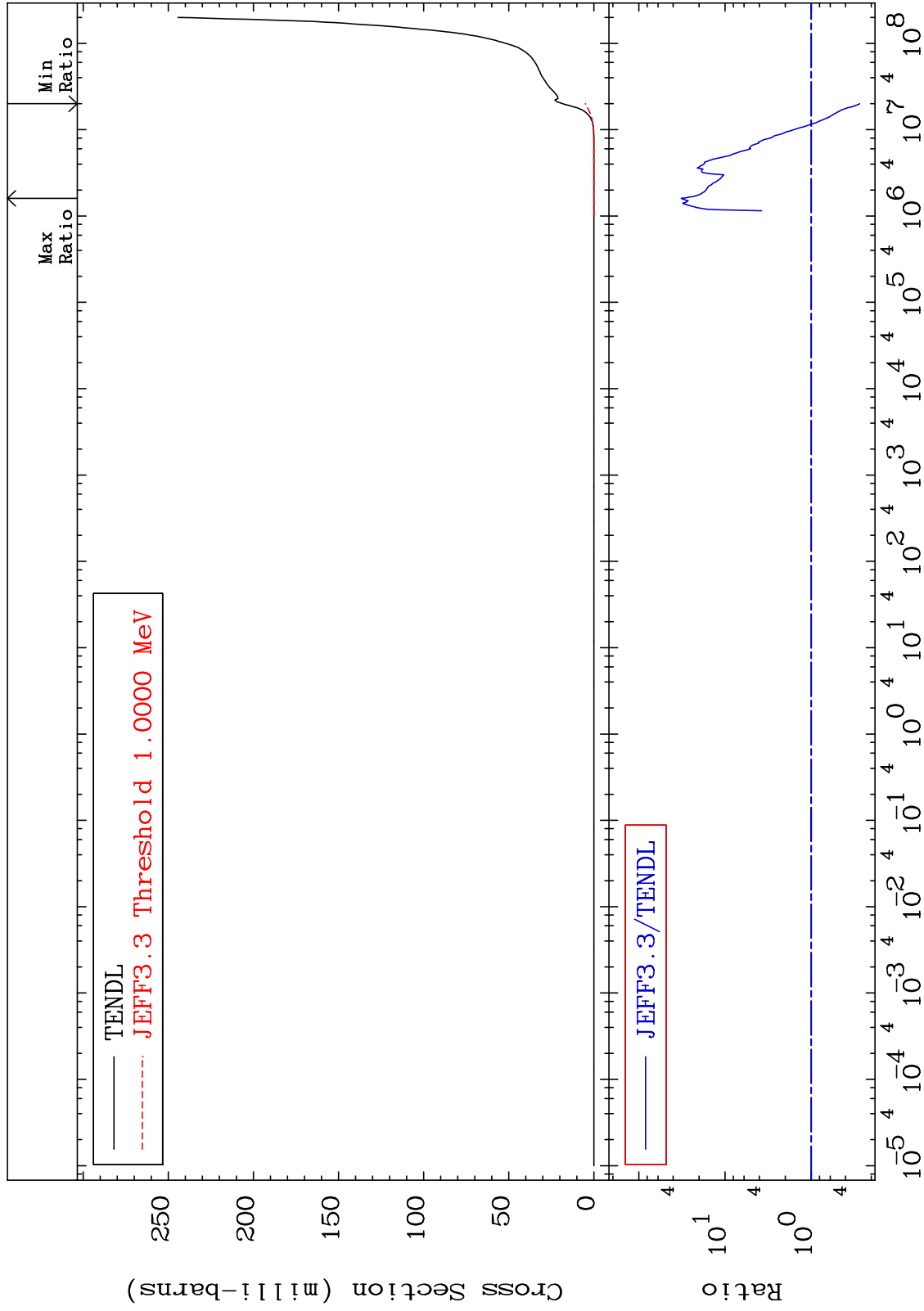
55-Cs-133  
-52.34 To 133.3 %



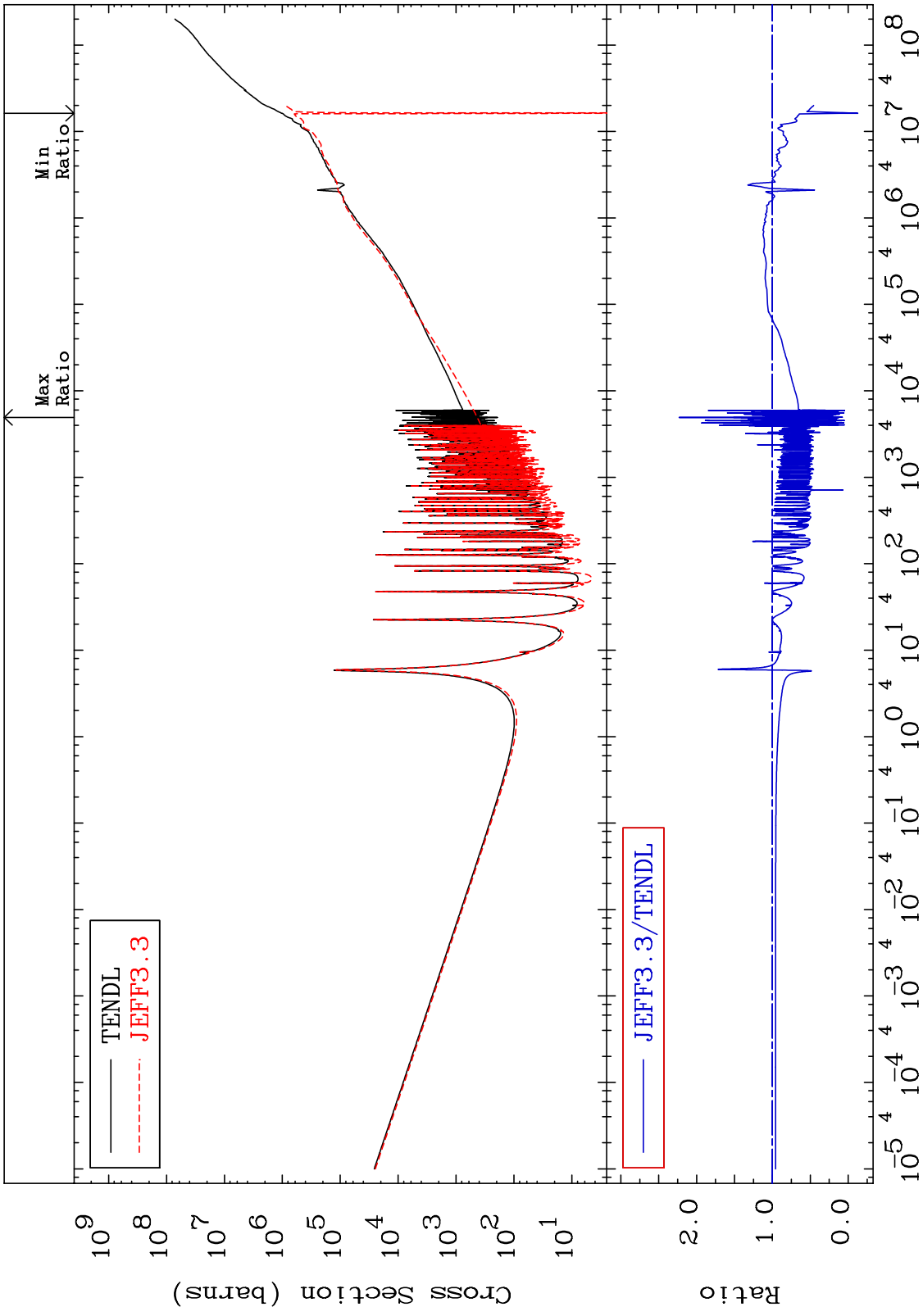
MAT 5525

He-4 Production  
Cross Section

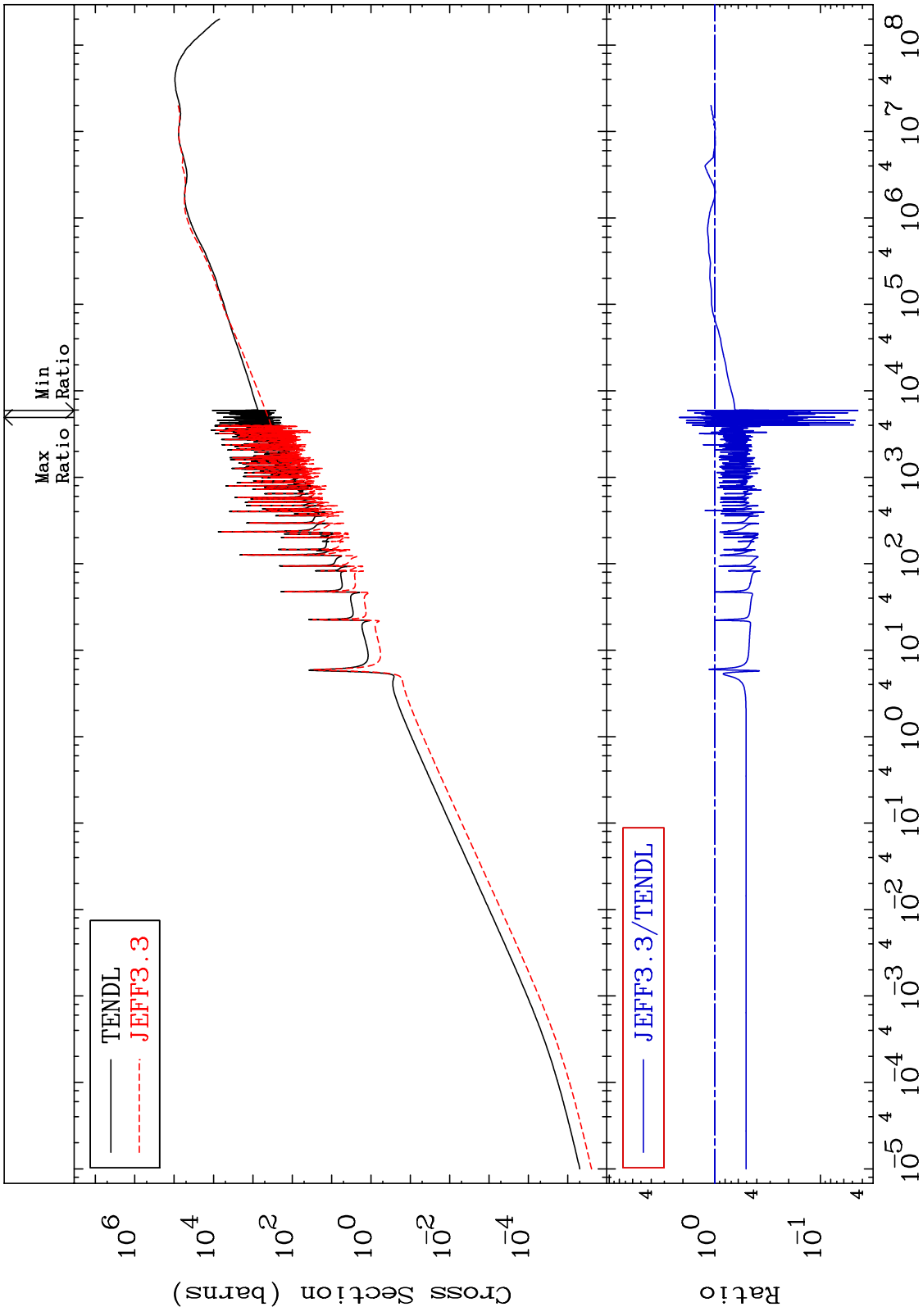
55-Cs-133  
-72.72 To 3122. %



MAT 5525      Kerma total (eV-barns)  
Cross Section      55-Cs-133  
-112.7 To 123.2 %

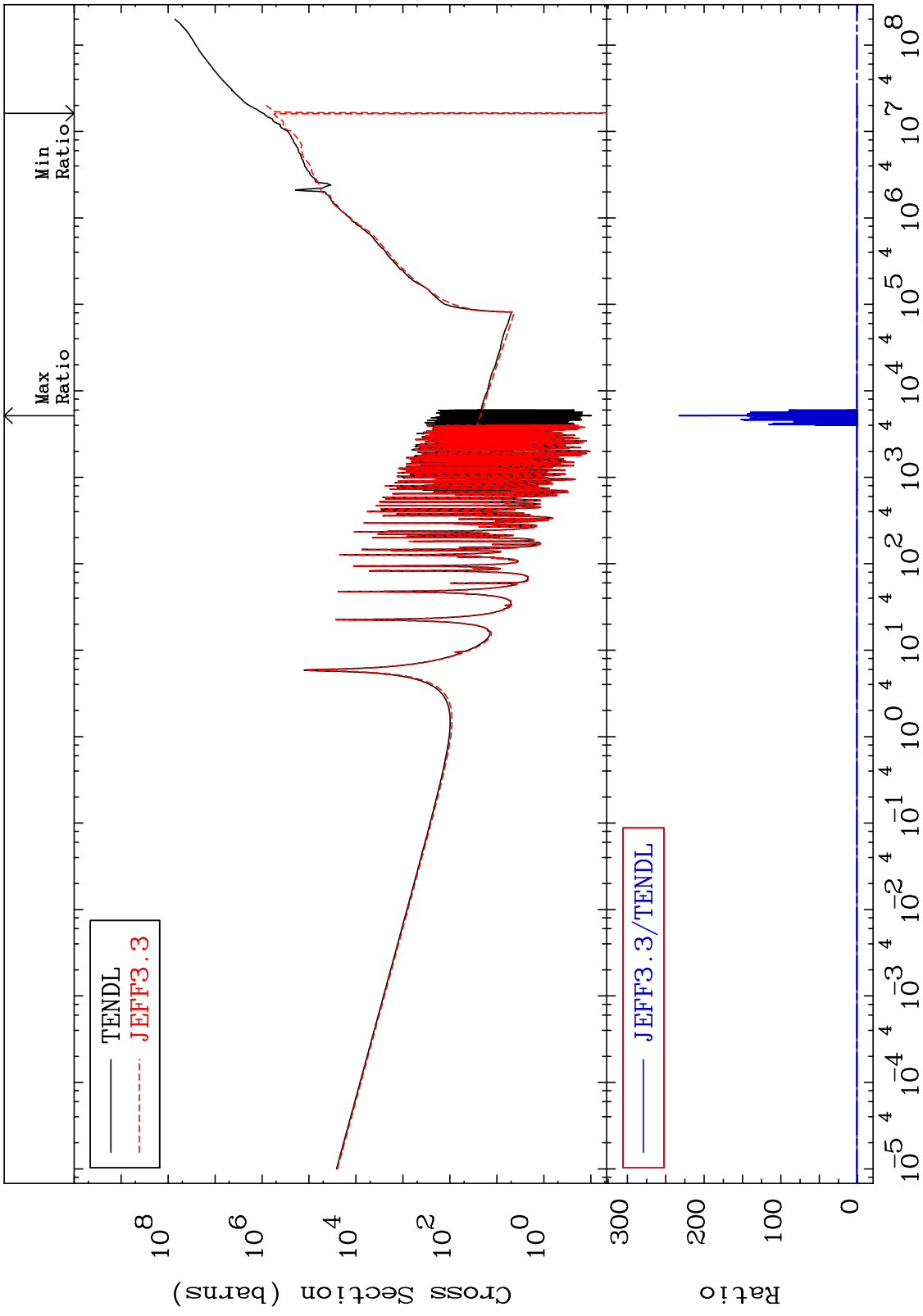


MAT 5525 55-Cs-133 -95.57 To 118.0 %  
 Kerma elastic Cross Section

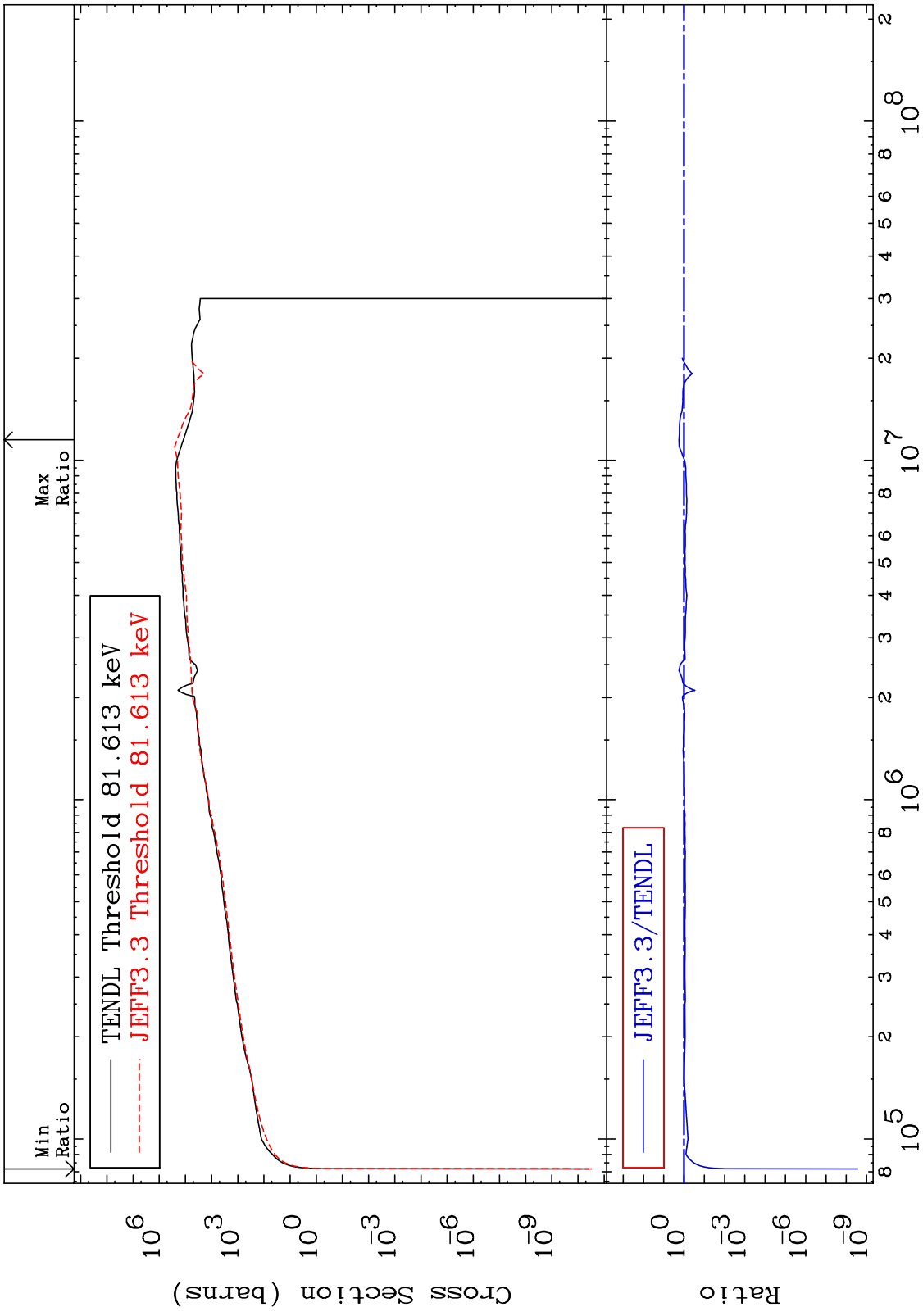




MAT 5525      Kerma non-elastic (all but mt2)      55-Cs-133  
 Cross Section      -121.3 To 9999. %



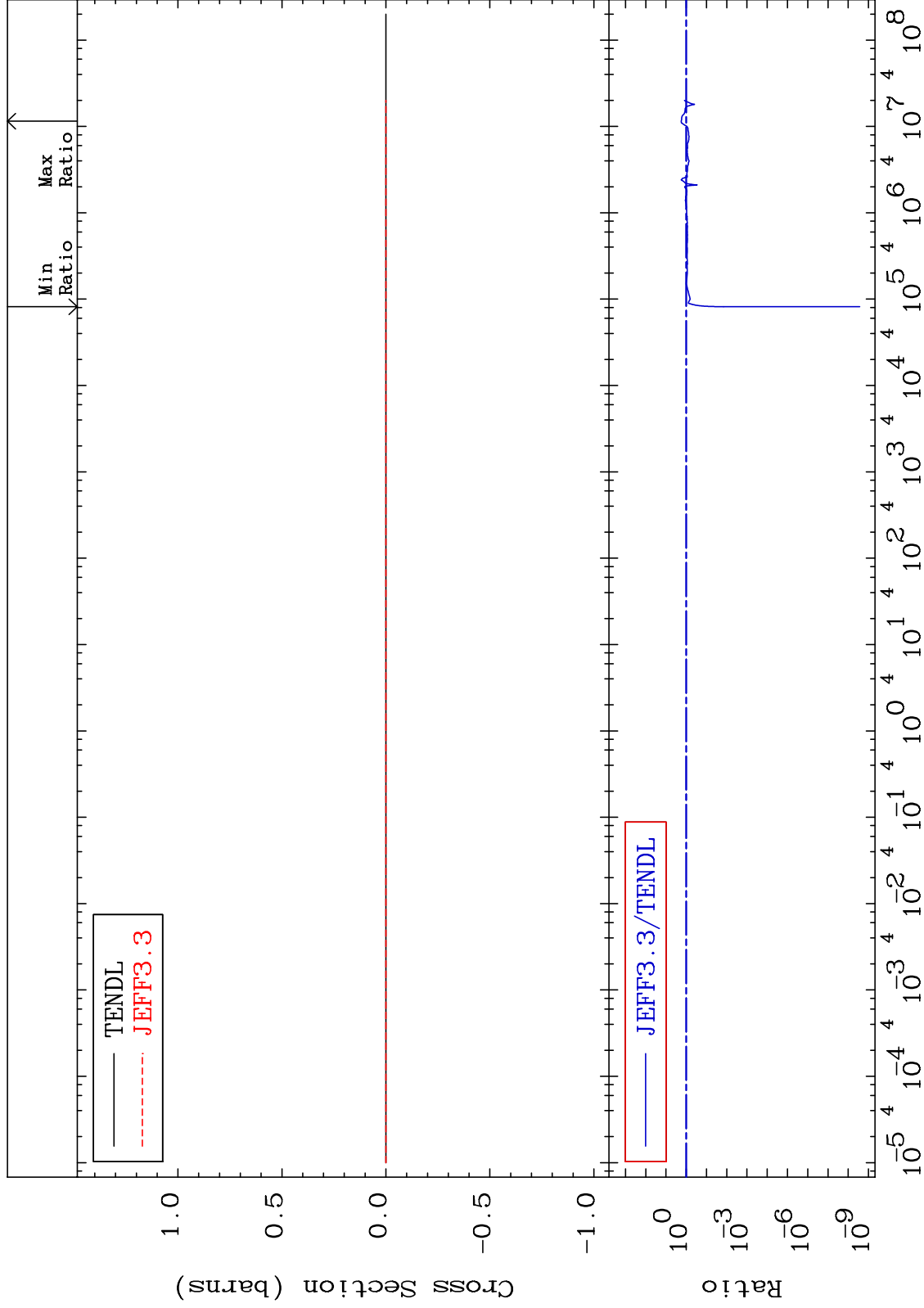
MAT 5525 Kerma inelastic (mt51-91) 55-Cs-133  
 -100.0 To 76.17 %



MAT 5525

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

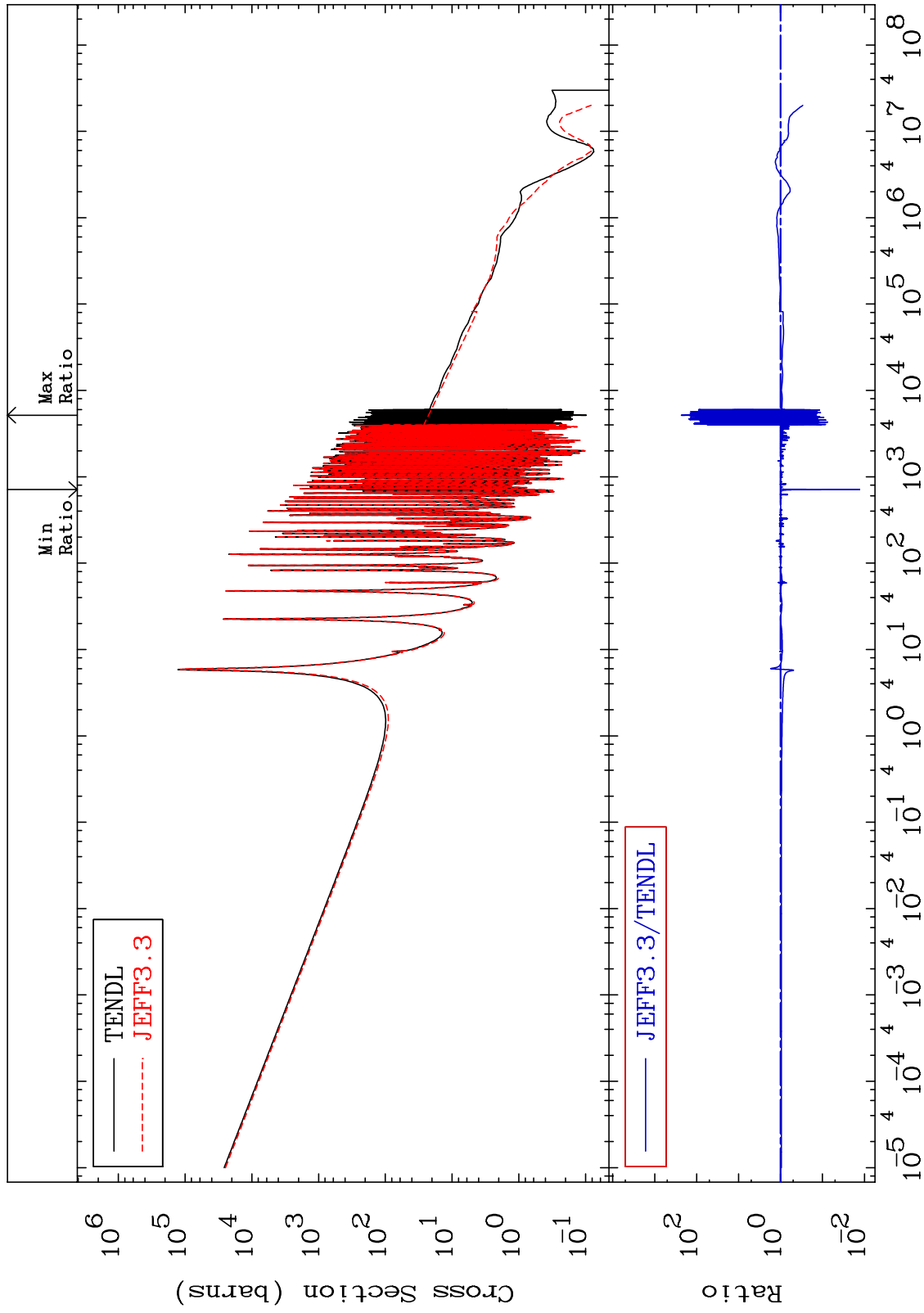
55-Cs-133  
-100.0 To 76.17 %



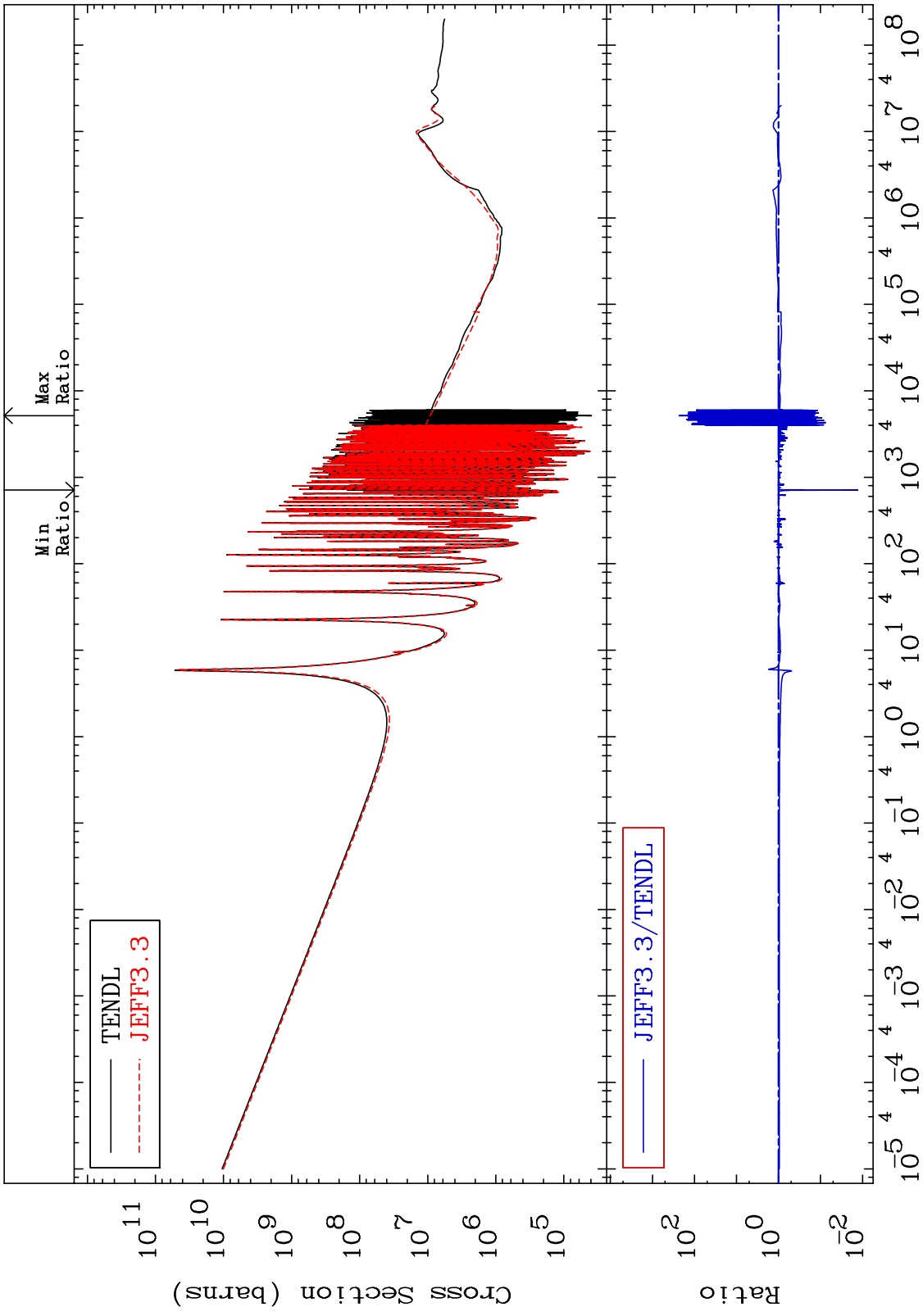
MAT 5525

Kerma capture (mt102)  
Cross Section

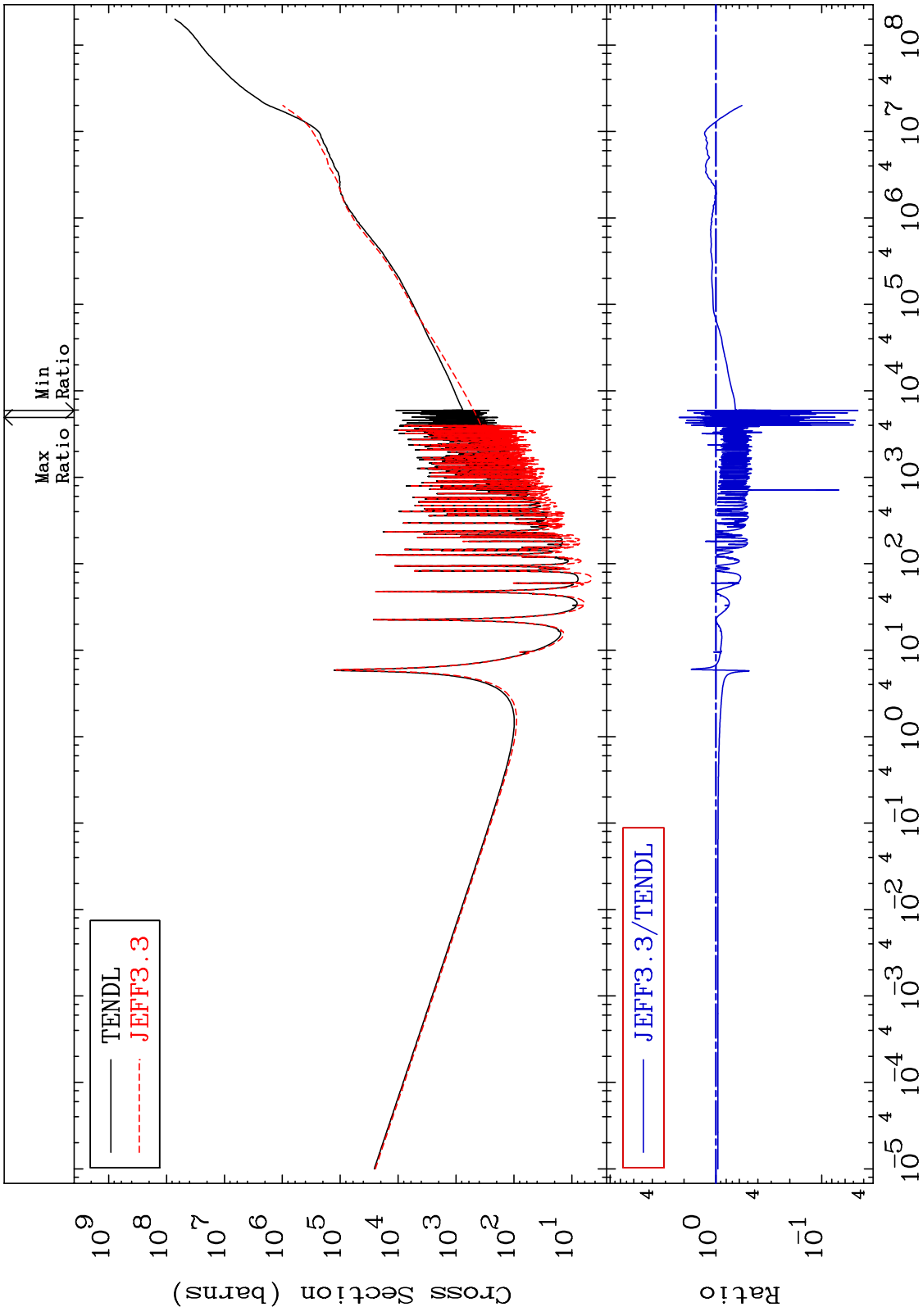
55-Cs-133  
-98.71 To 9999. %



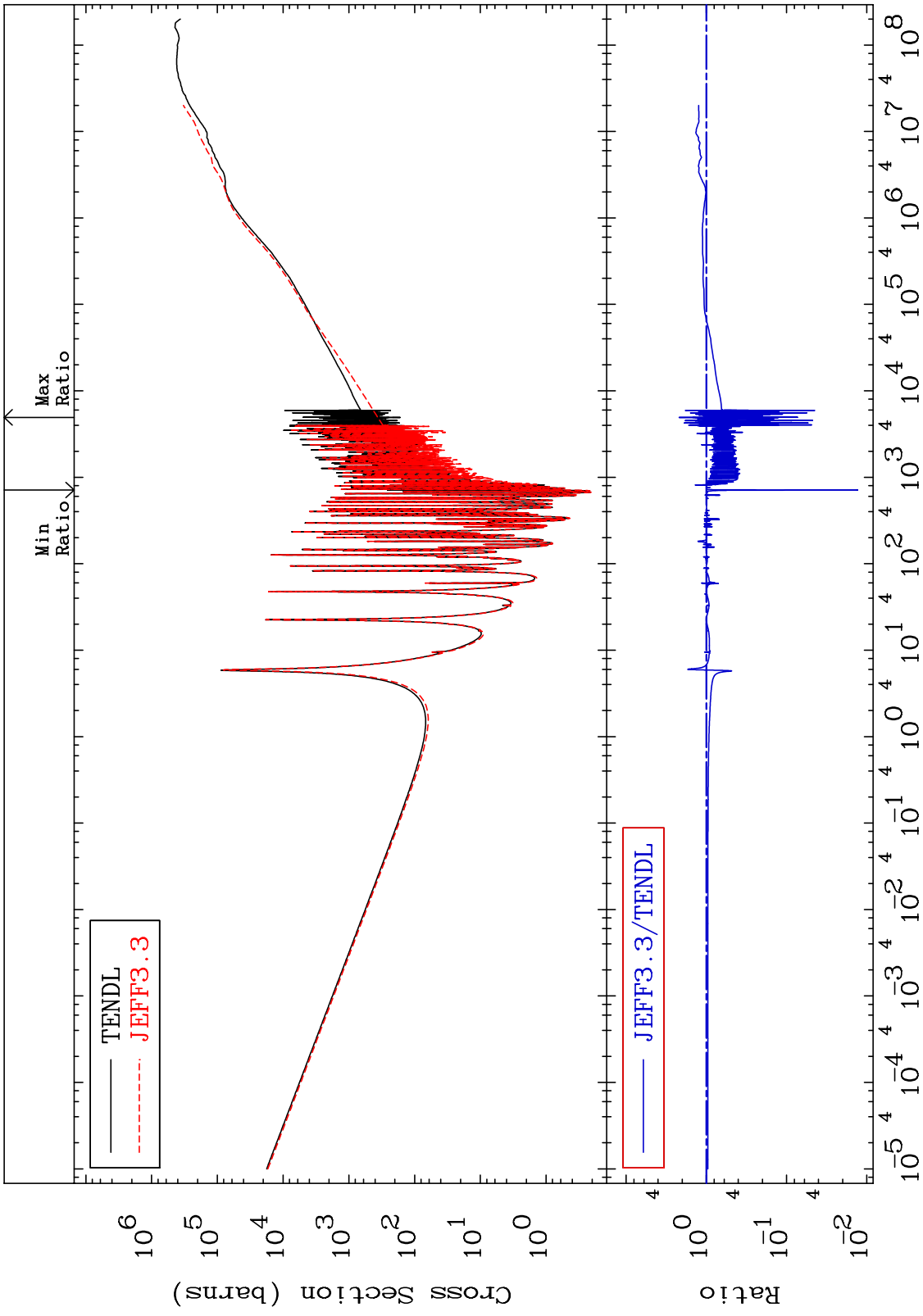
MAT 5525 55-Cs-133  
 Total photon (eV-barns) -98.71 To 9999. %  
 Cross Section



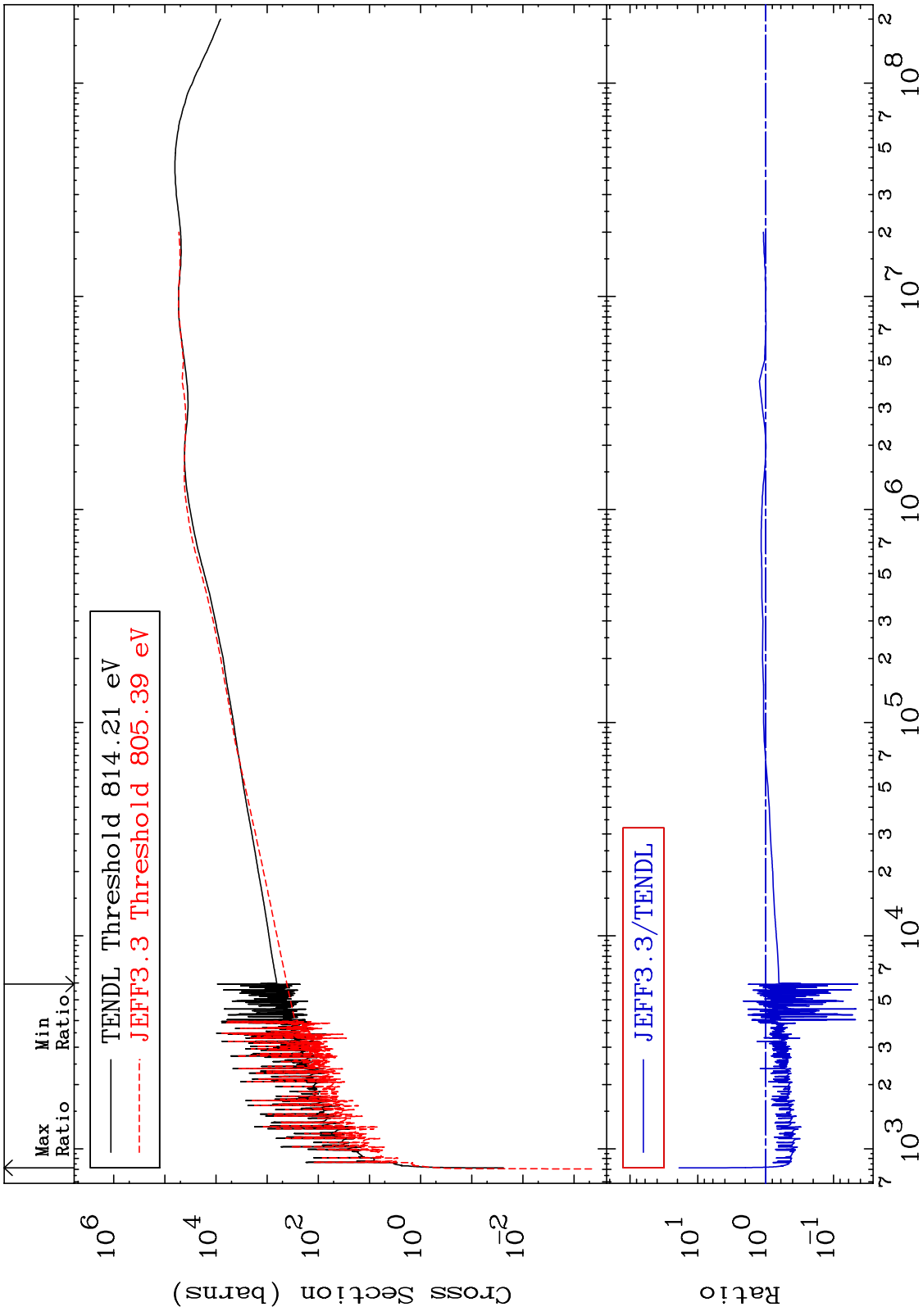
MAT 5525      Total kinematic kerma (high limit)      55-Cs-133  
Cross Section      -95.46 To 123.2 %



MAT 5525      Dpa total (eV-barns)      55-Cs-133  
 Cross Section      -98.71 To 118.9 %

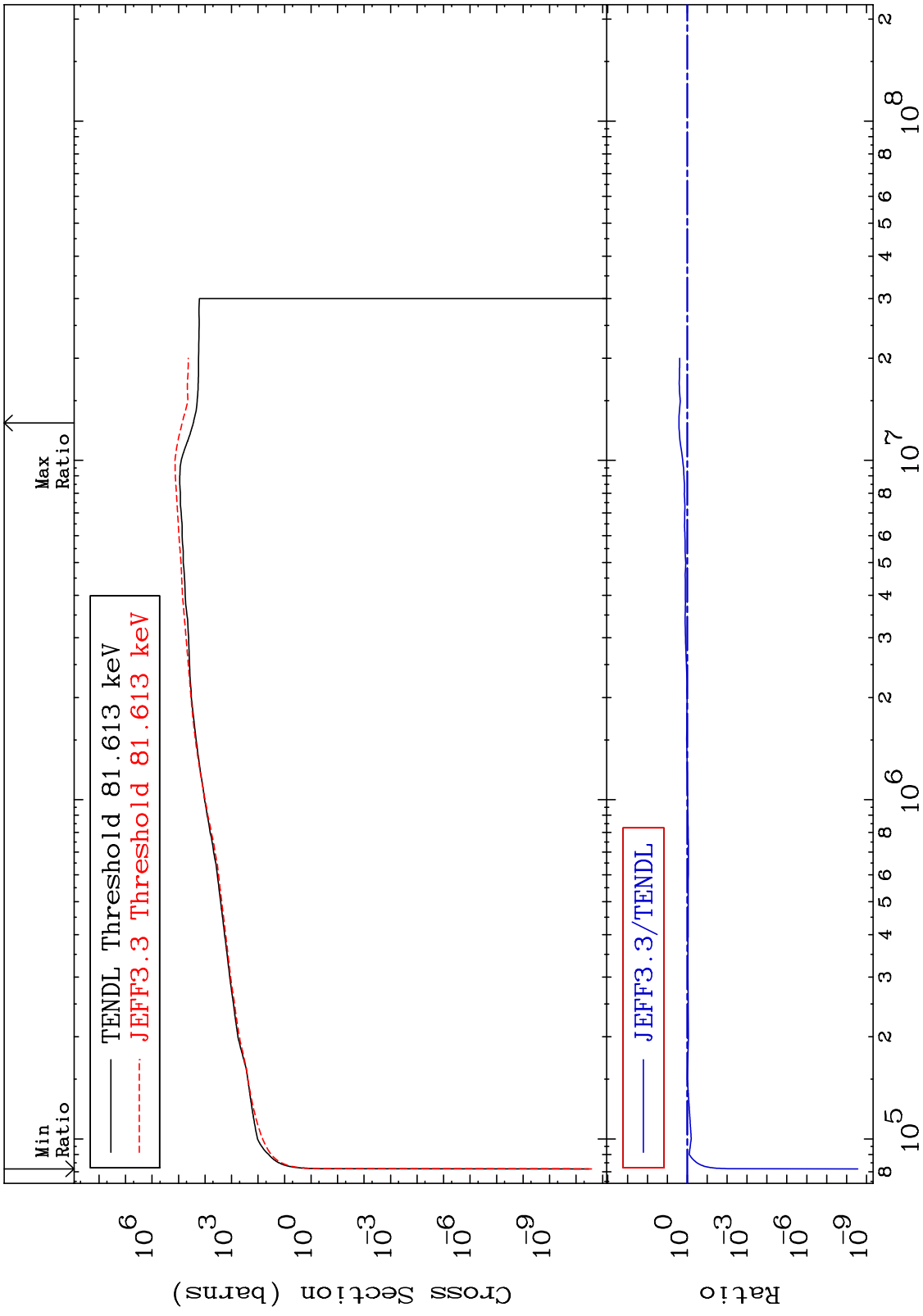


MAT 5525 Dpa elastic (mt2) 55-Cs-133  
Cross Section -95.62 To 1795. %





MAT 5525 Dpa inelastic (mt51-91) 55-Cs-133  
Cross Section -100.0 To 161.1 %



MAT 5525      Dpa disappearance (mt102 -120)      55-Cs-133  
 Cross Section      -98.71 To 9999. %

