

Program Complot  
(Version 2018-1)

by

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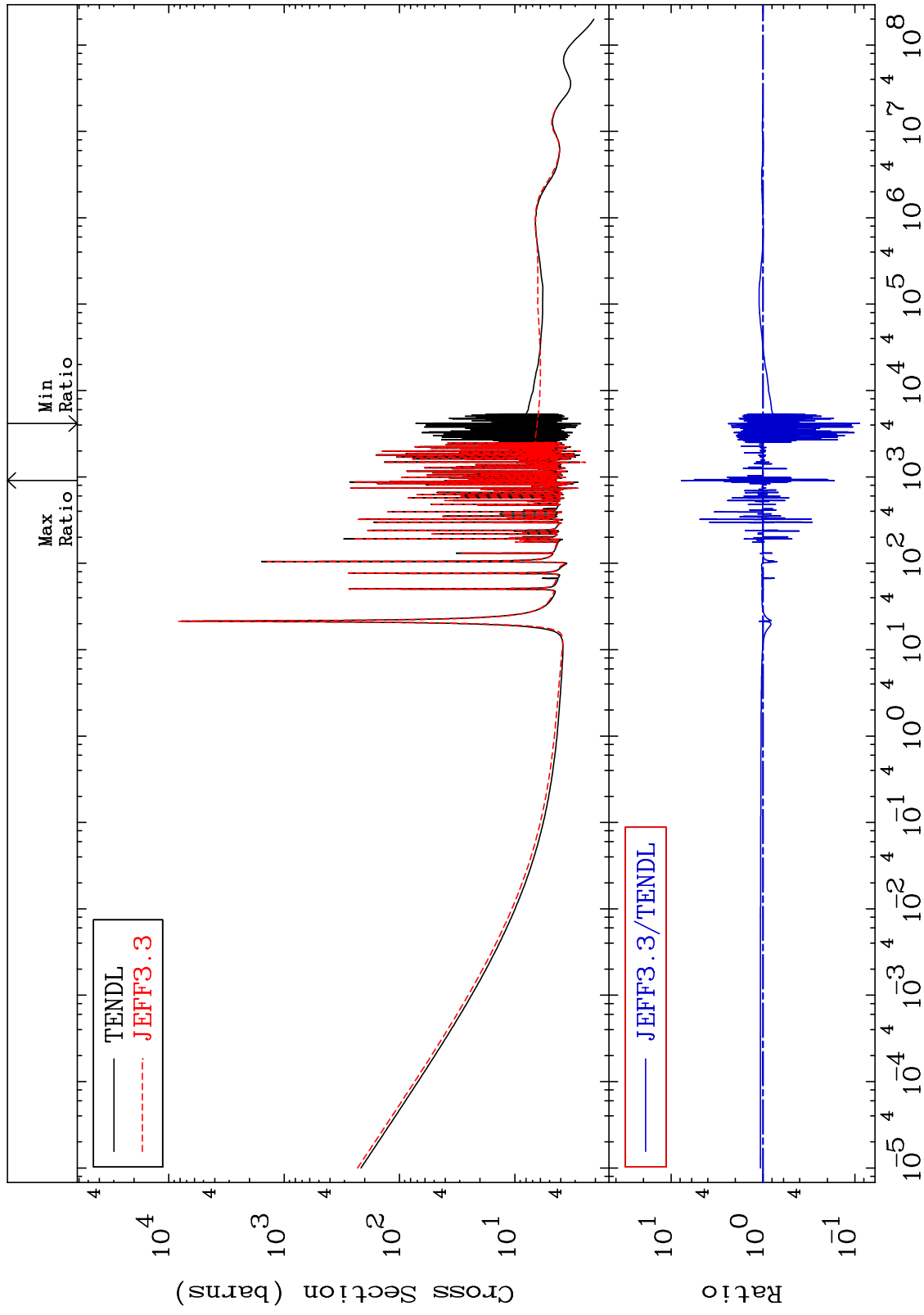
Press Mouse Button to Start

MAT 5131

Total  
Cross Section

51-Sb-123

-91.13 To 677.0 %



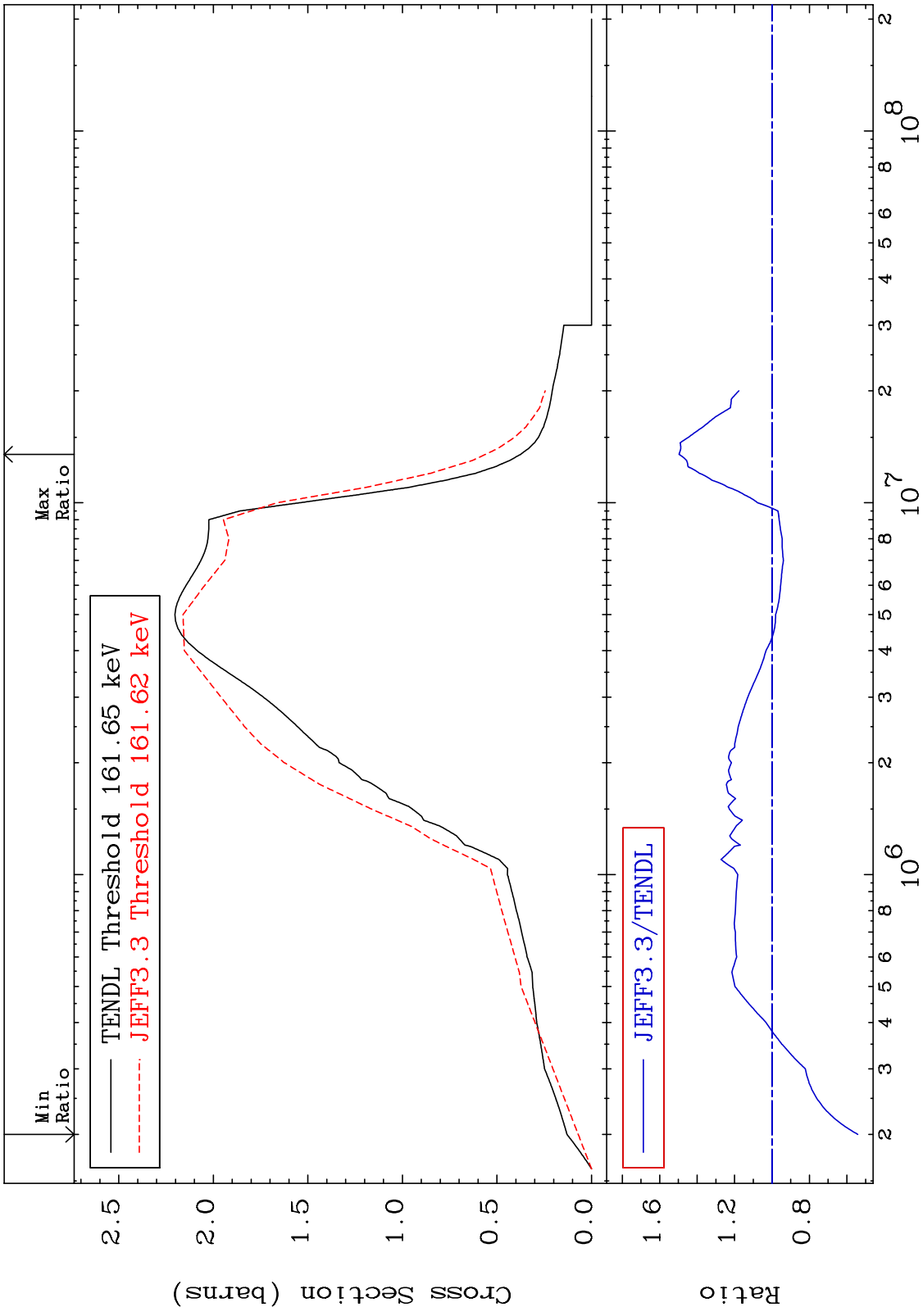
1

Incident Energy (eV)

51-Sb-123



MAT 5131 51-Sb-123 -45.87 To 49.67 % Inelastic Cross Section



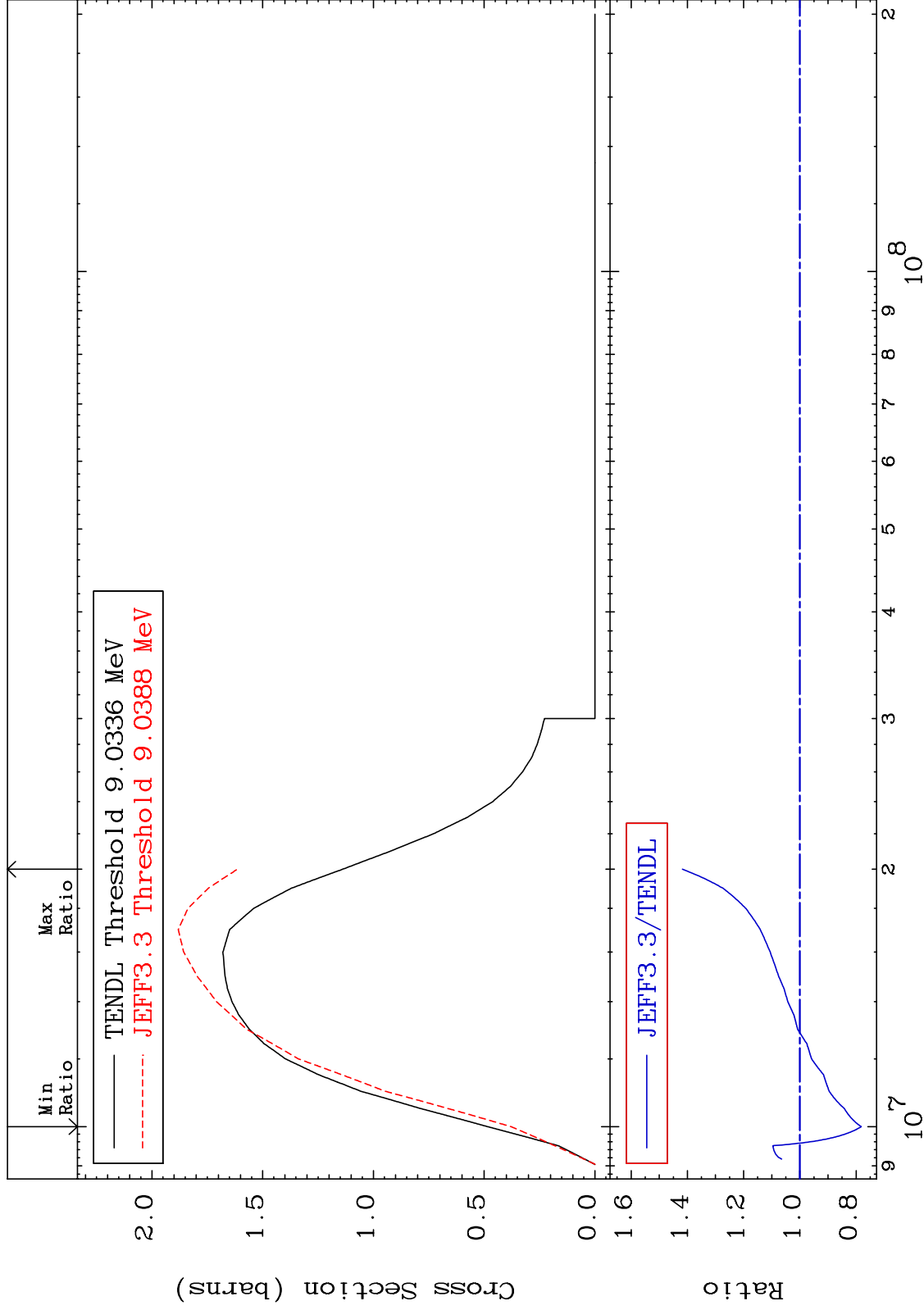
MAT 5131

(n,2n)

51-Sb-123

-21.84 To 41.75 %

Cross Section



4

Incident Energy (eV)

51-Sb-123



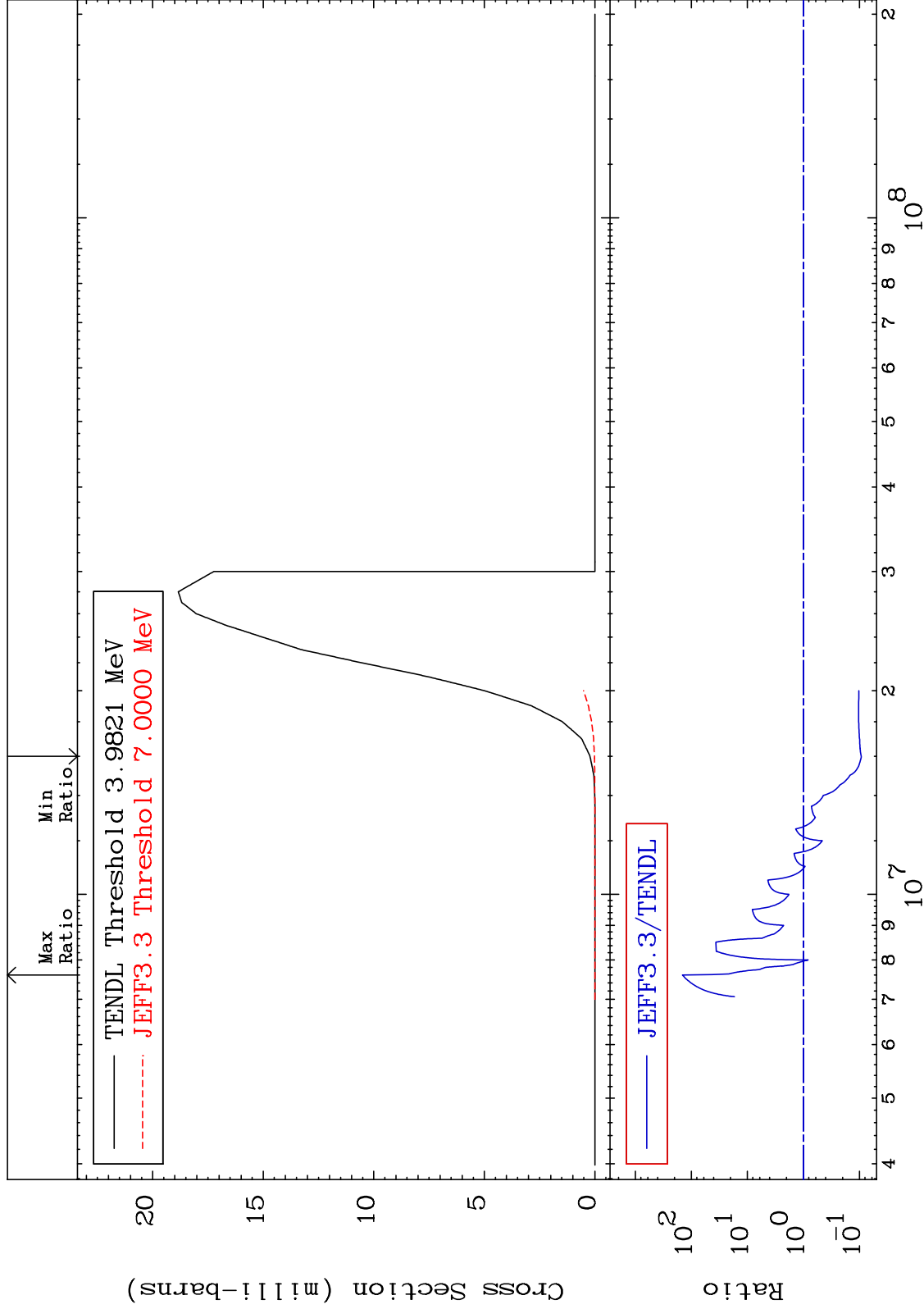
MAT 5131

(n,n')  $\alpha$

51-Sb-123

Cross Section

-90.74 To 9999. %



6

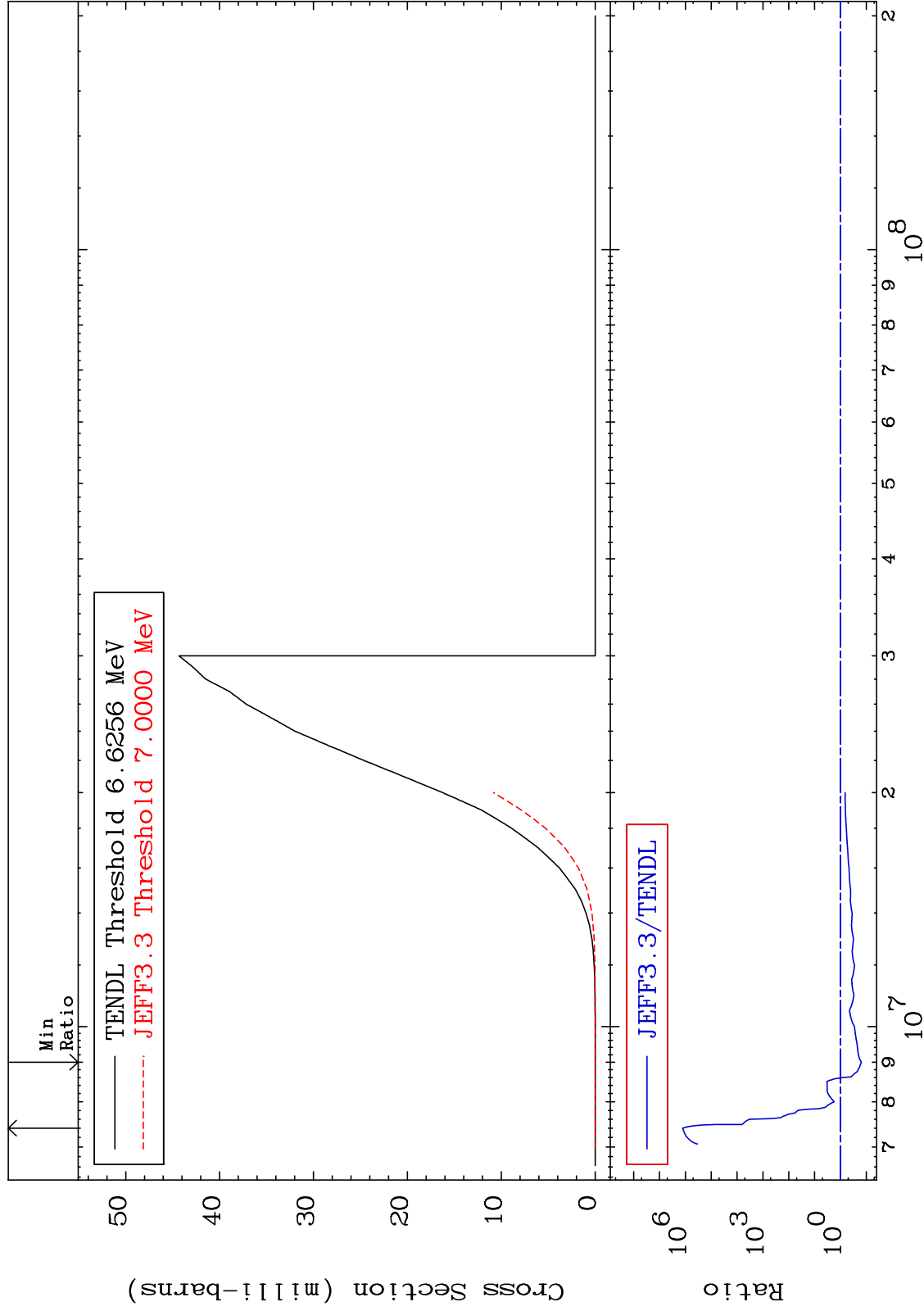
Incident Energy (eV)

51-Sb-123

MAT 5131

(n,n') p  
Cross Section

51-Sb-123  
-84.39 To 9999. %



7

Incident Energy (eV)

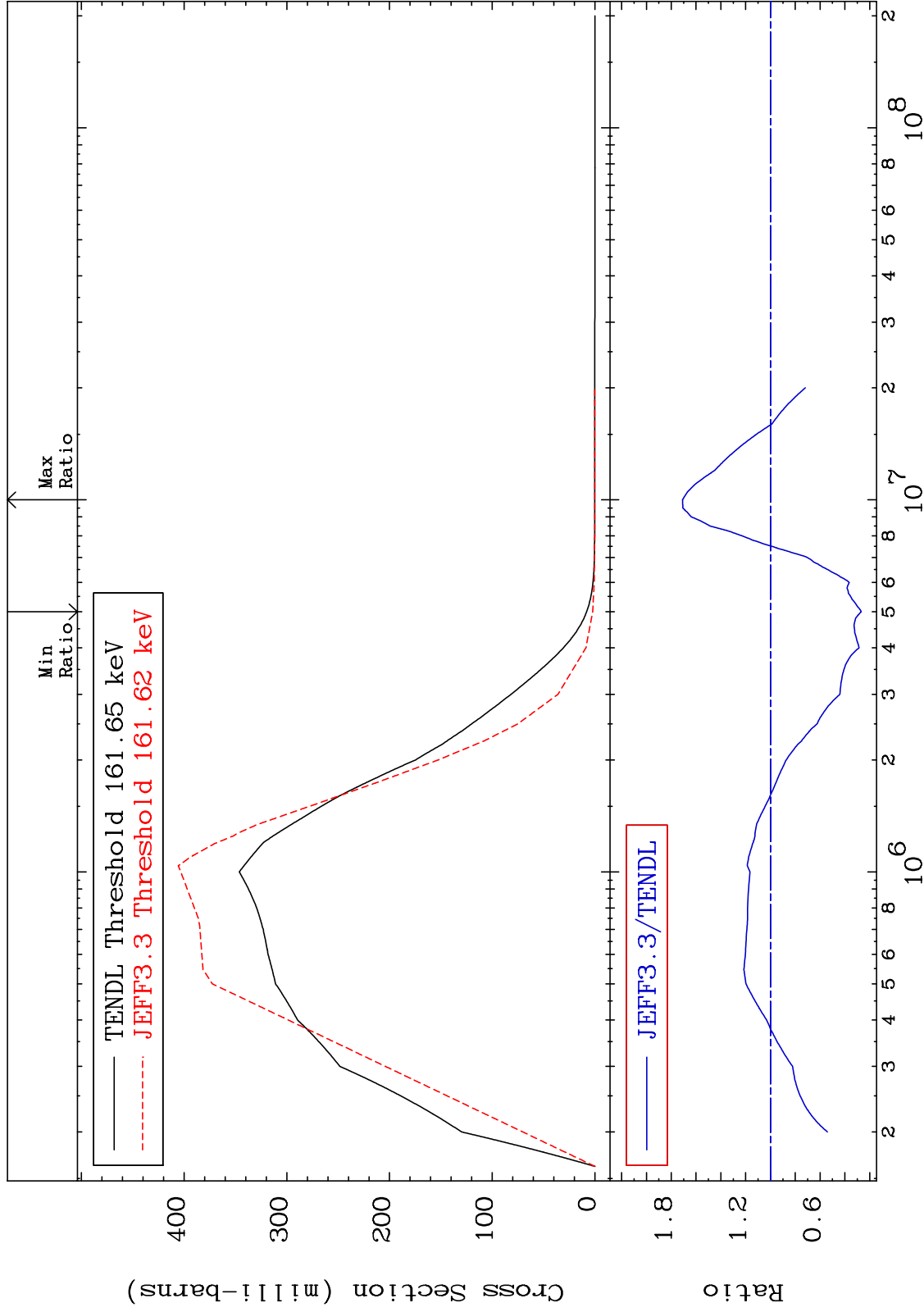
51-Sb-123



MAT 5131

MT= 51 (n,n') Level  
Cross Section

51-Sb-123  
-73.23 To 70.95 %



8

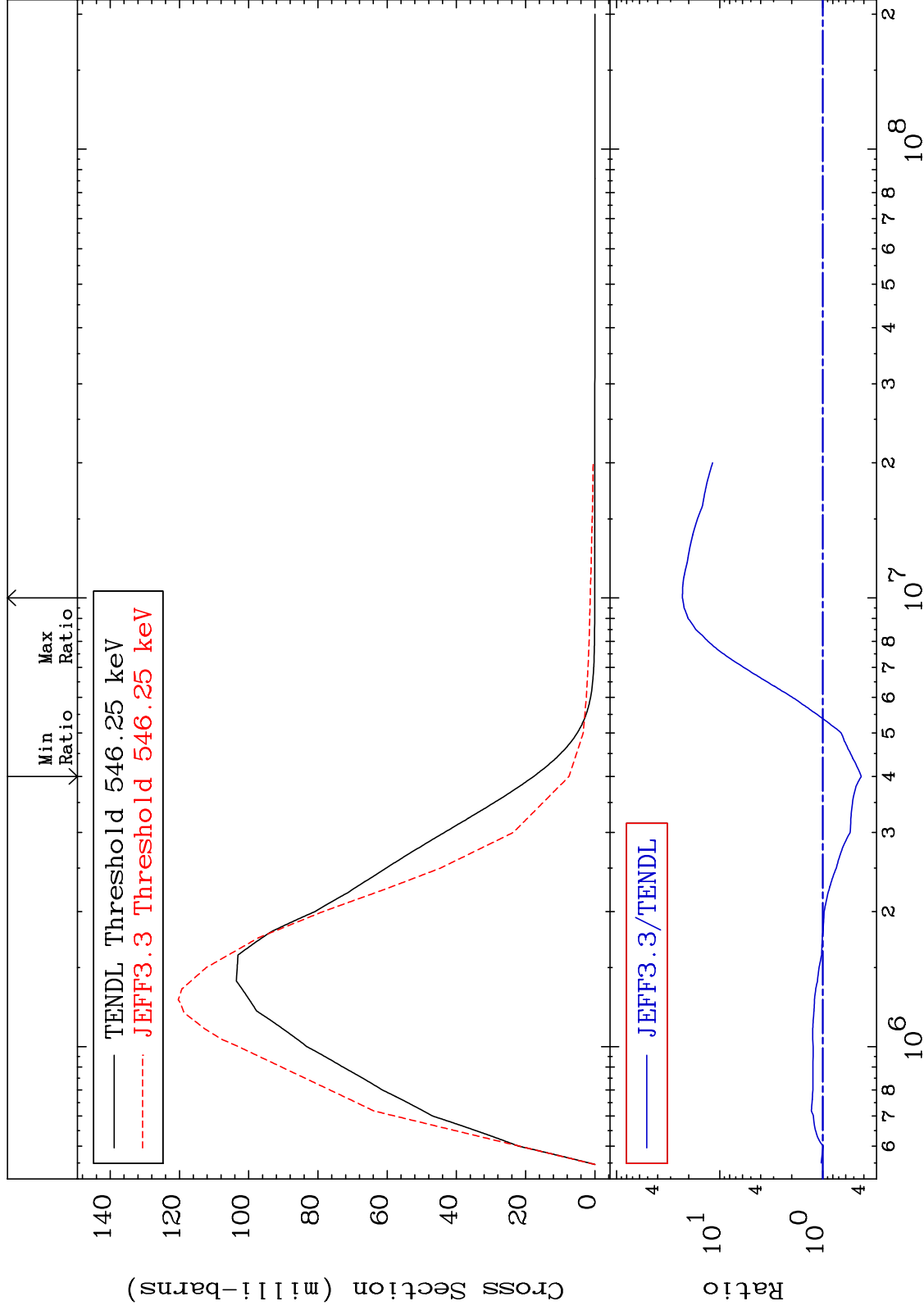
Incident Energy (eV)

51-Sb-123

MAT 5131

MT= 52 (n,n') Level  
Cross Section

51-Sb-123  
-57.72 To 2199. %

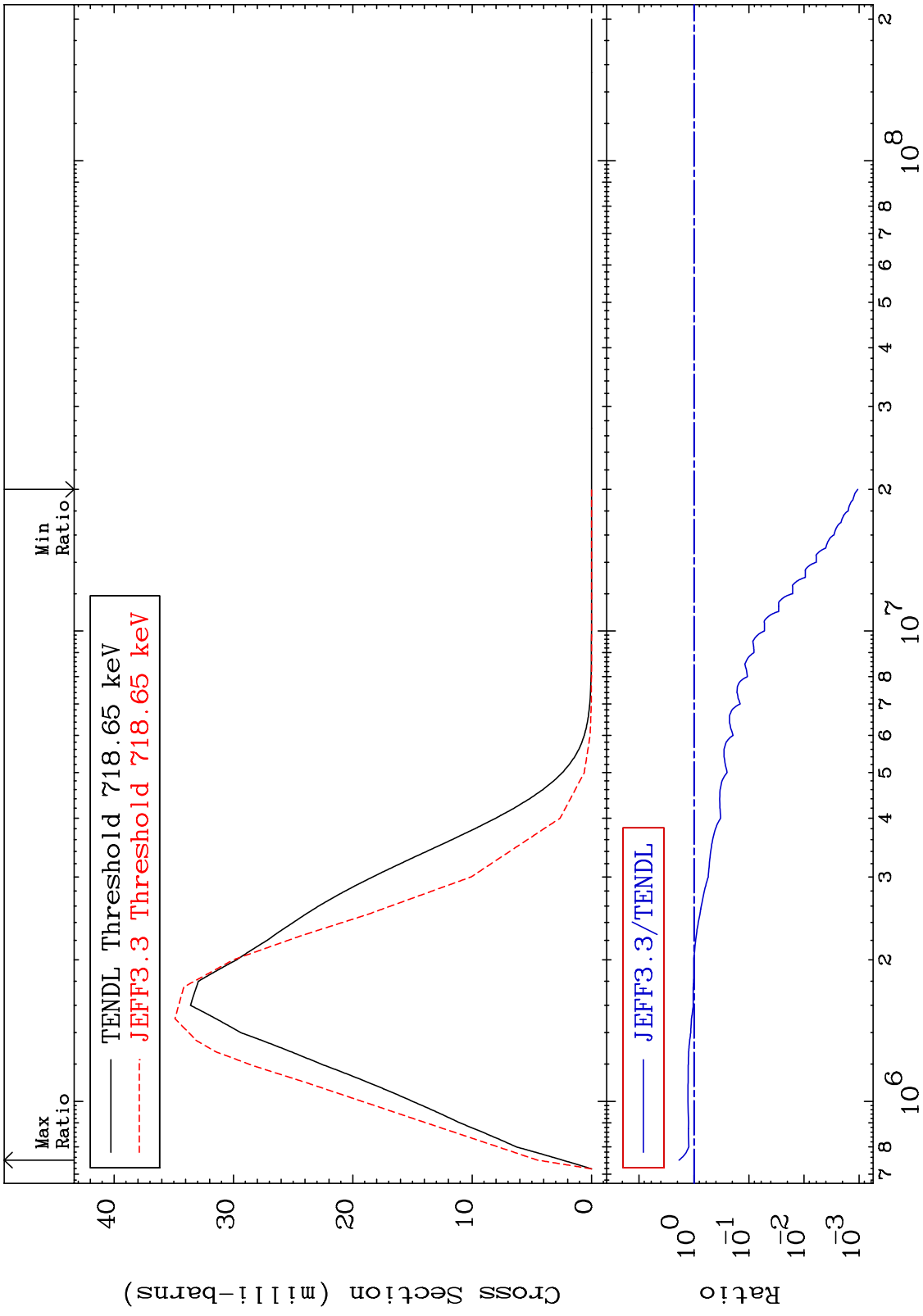


9

Incident Energy (eV)

51-Sb-123

MAT 5131 MT= 53 (n,n') Level Cross Section 51-Sb-123 -99.90 To 86.76 %

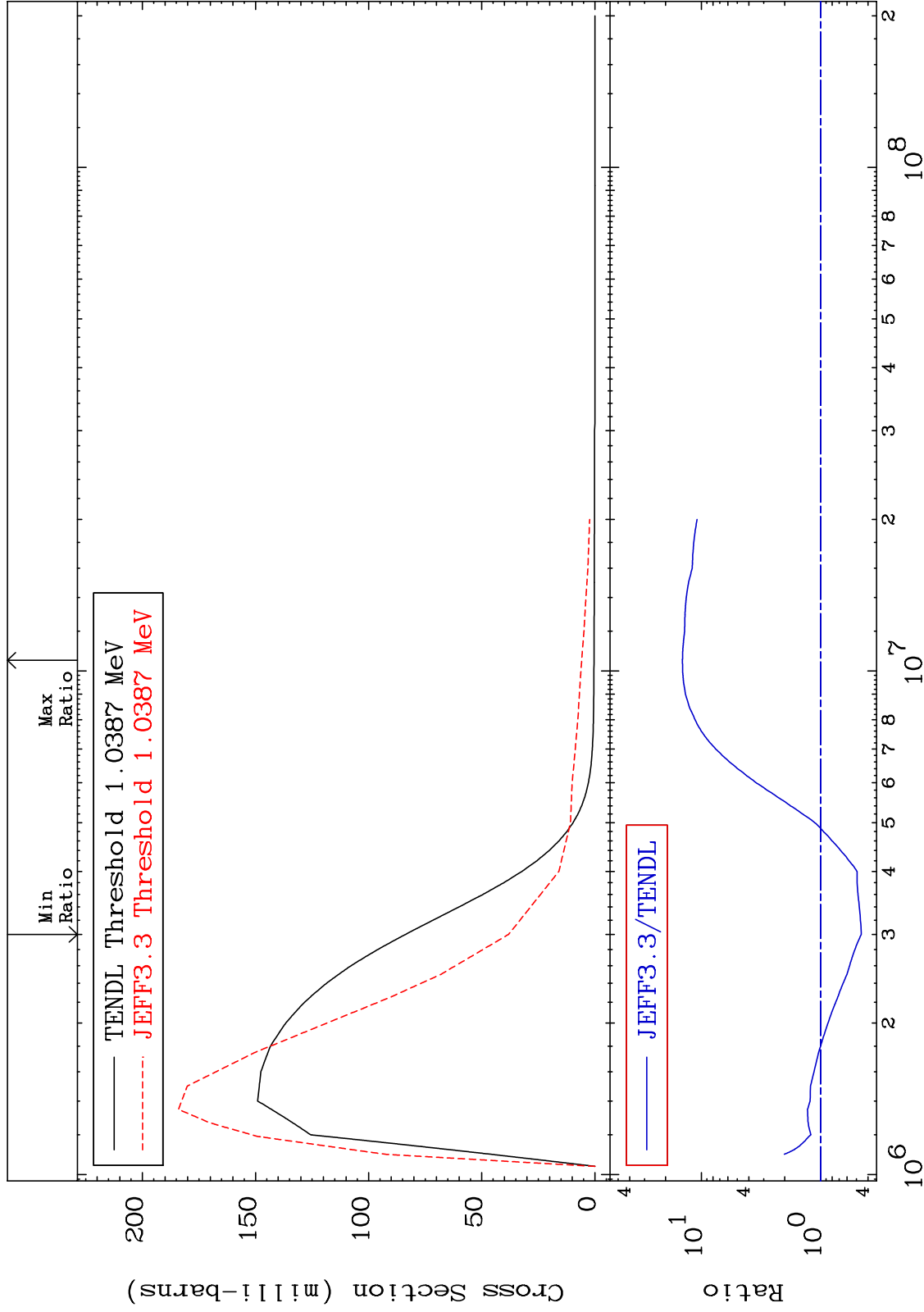


51-Sb-123

MAT 5131

MT= 54 (n,n') Level  
Cross Section

51-Sb-123  
-54.43 To 1342. %



11

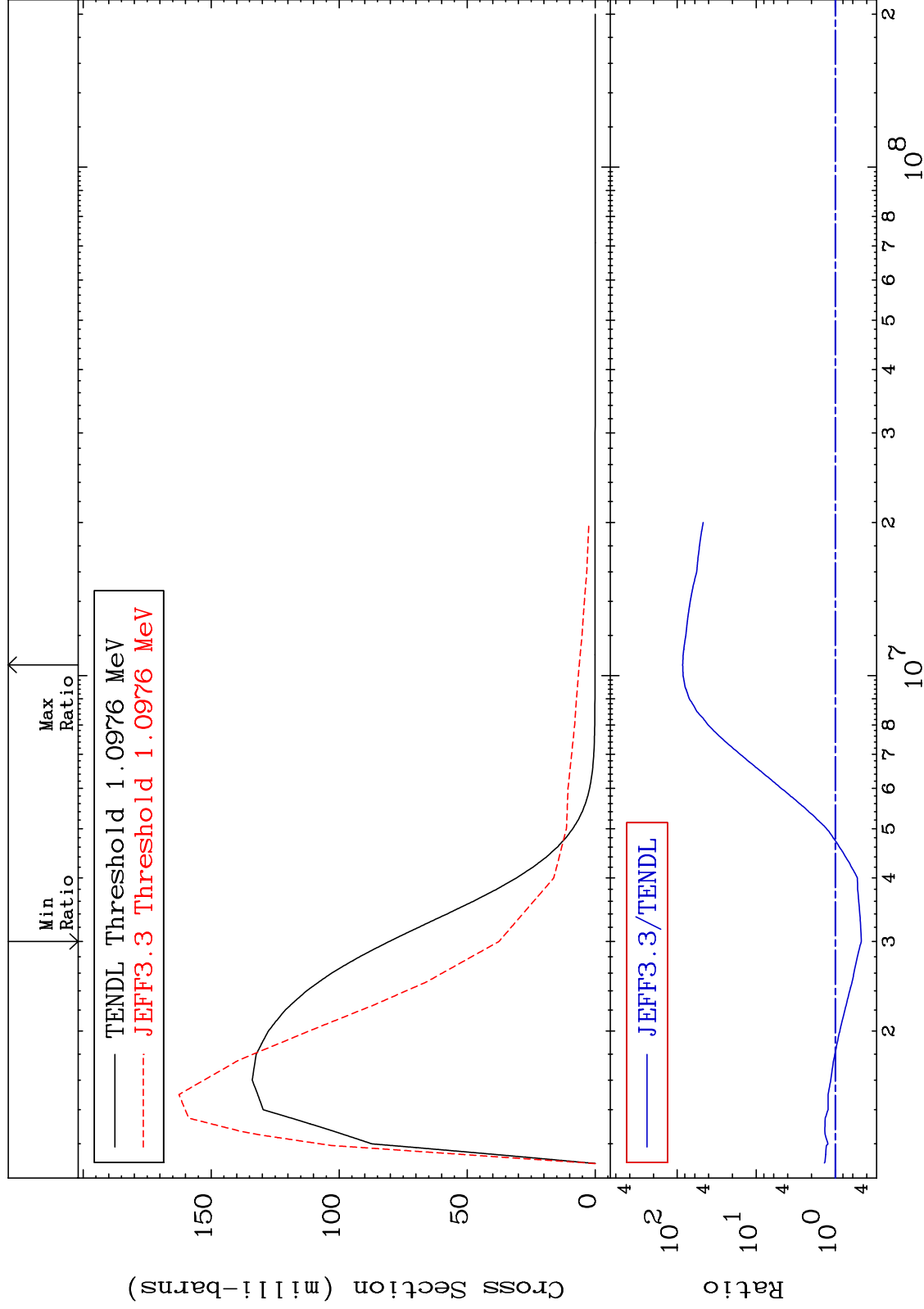
Incident Energy (eV)

51-Sb-123

MAT 5131

MT= 55 (n,n') Level  
Cross Section

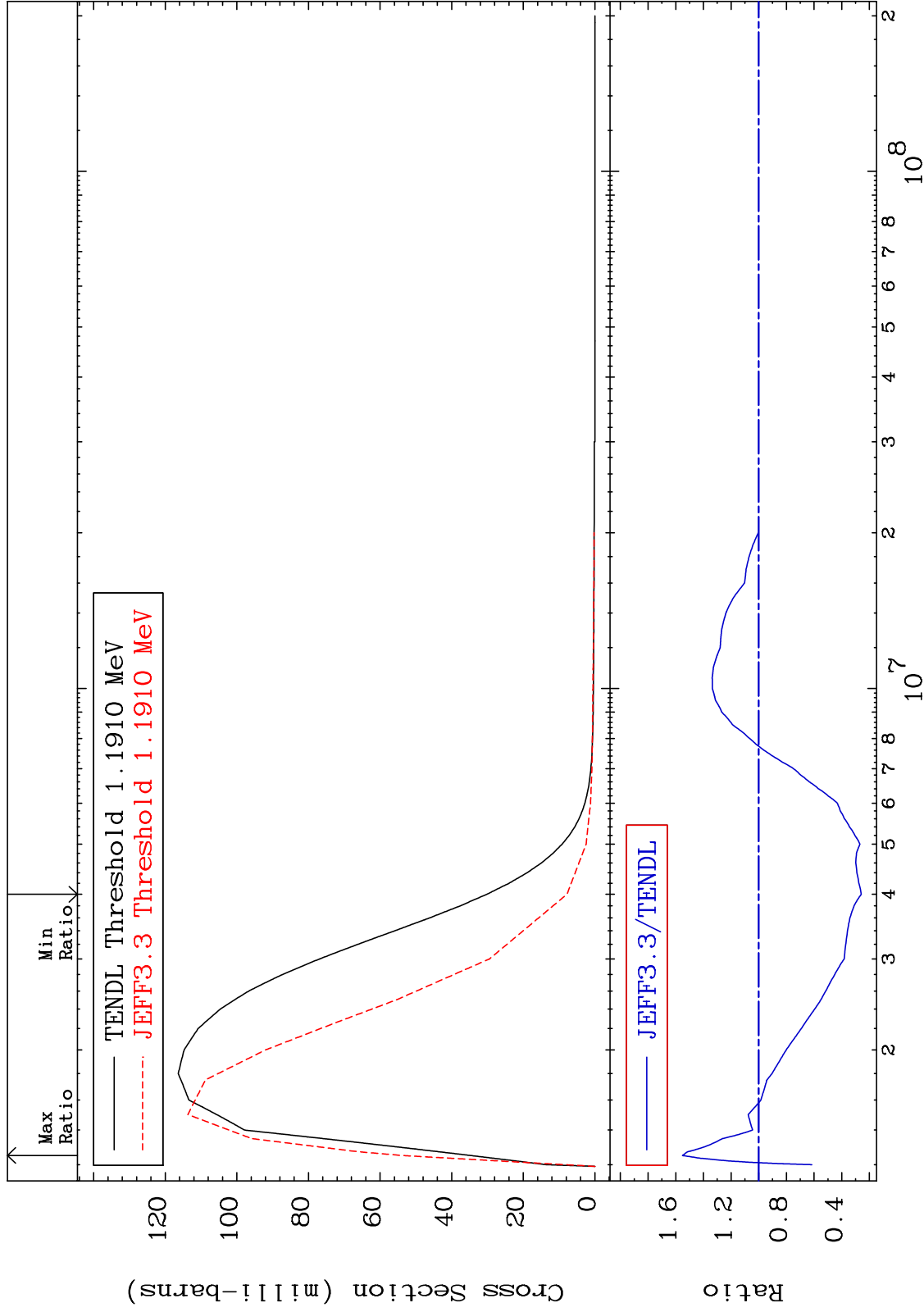
51-Sb-123  
-53.27 To 8435. %



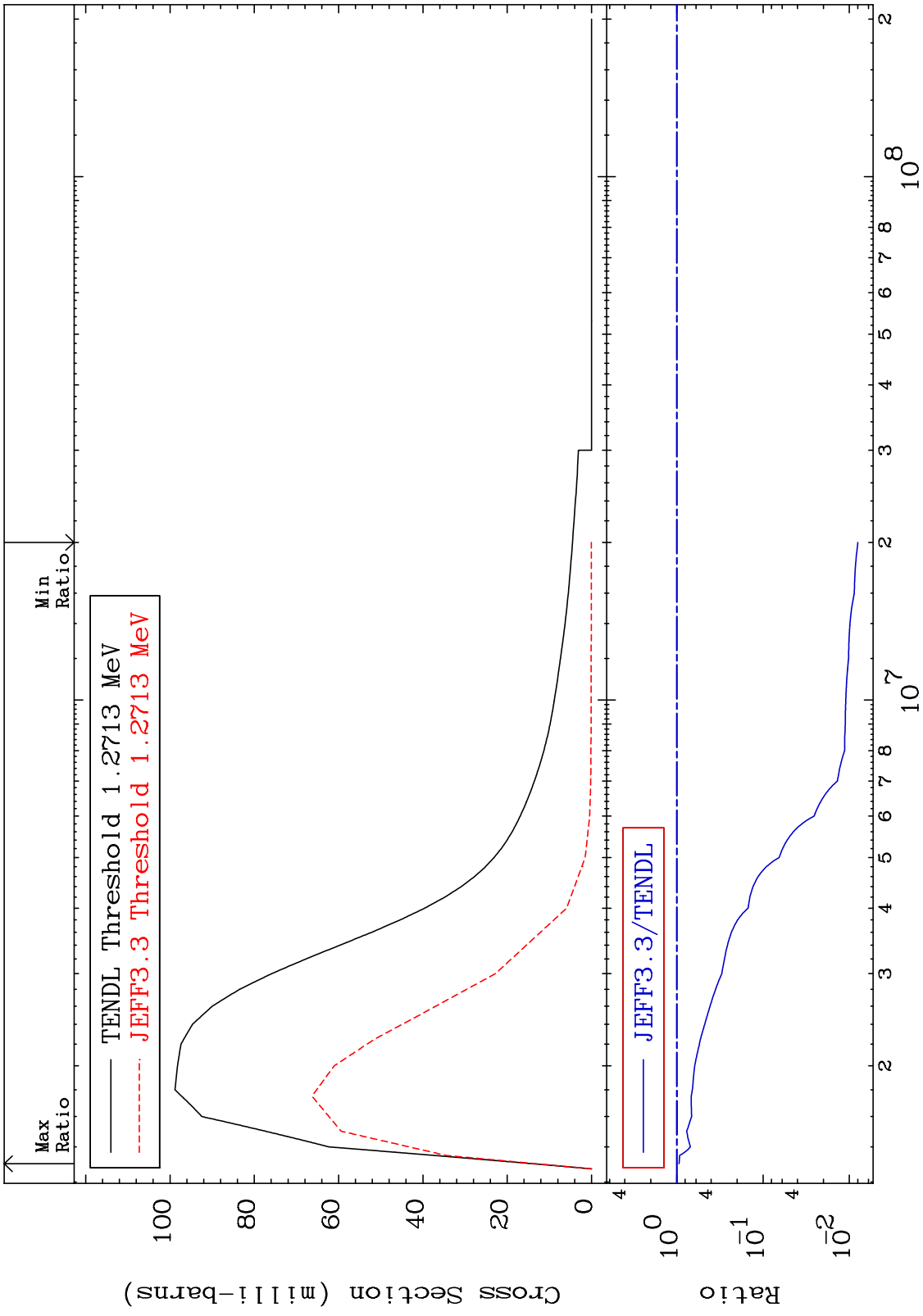
MAT 5131

MT= 56 (n,n') Level  
Cross Section

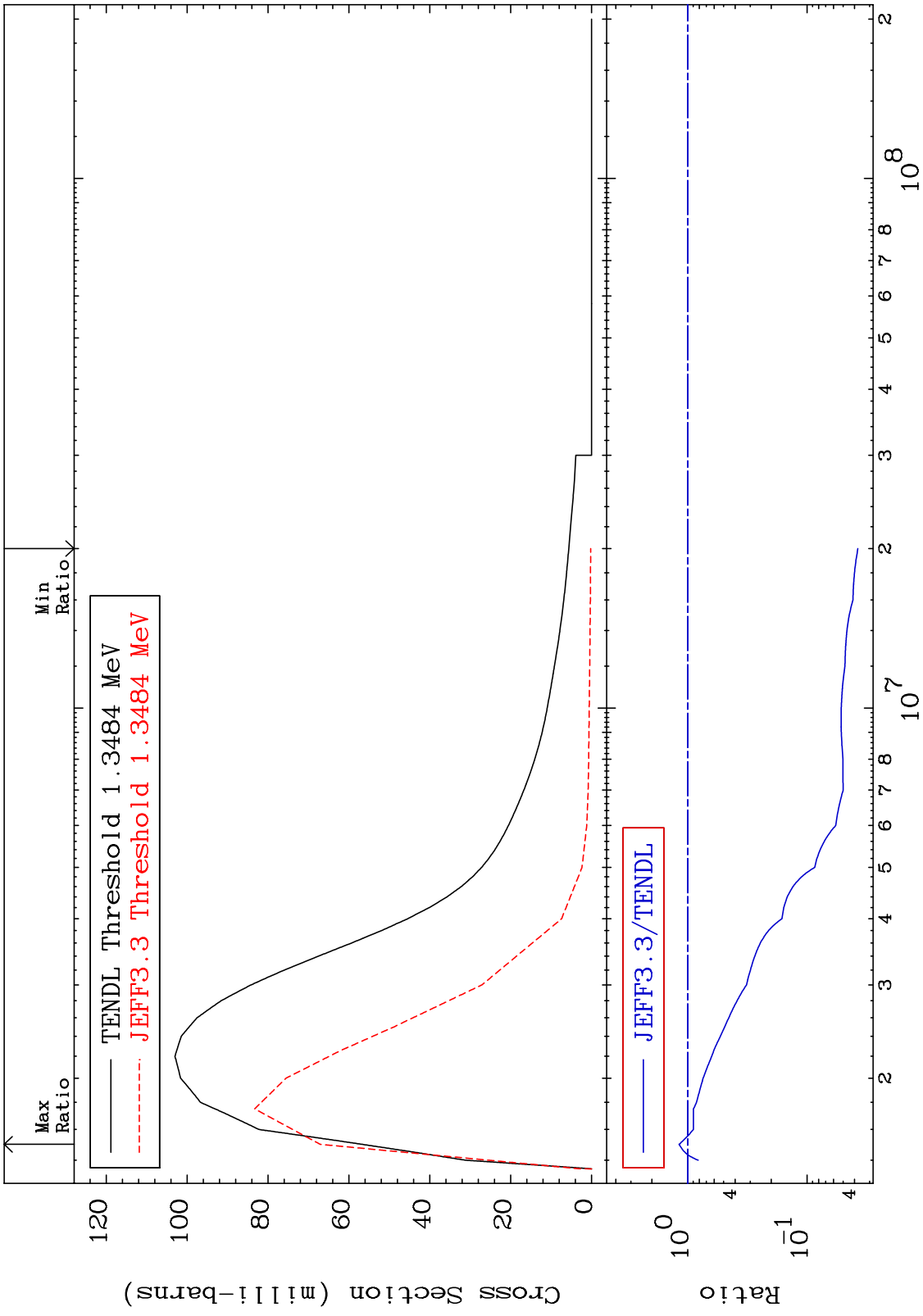
51-Sb-123  
-74.13 To 55.13 %



MAT 5131 MT= 57 (n,n') Level Cross Section 51-Sb-123 -99.20 To -5.825%



MAT 5131 MT= 58 (n,n') Level Cross Section 51-Sb-123 -96.24 To 18.27 %

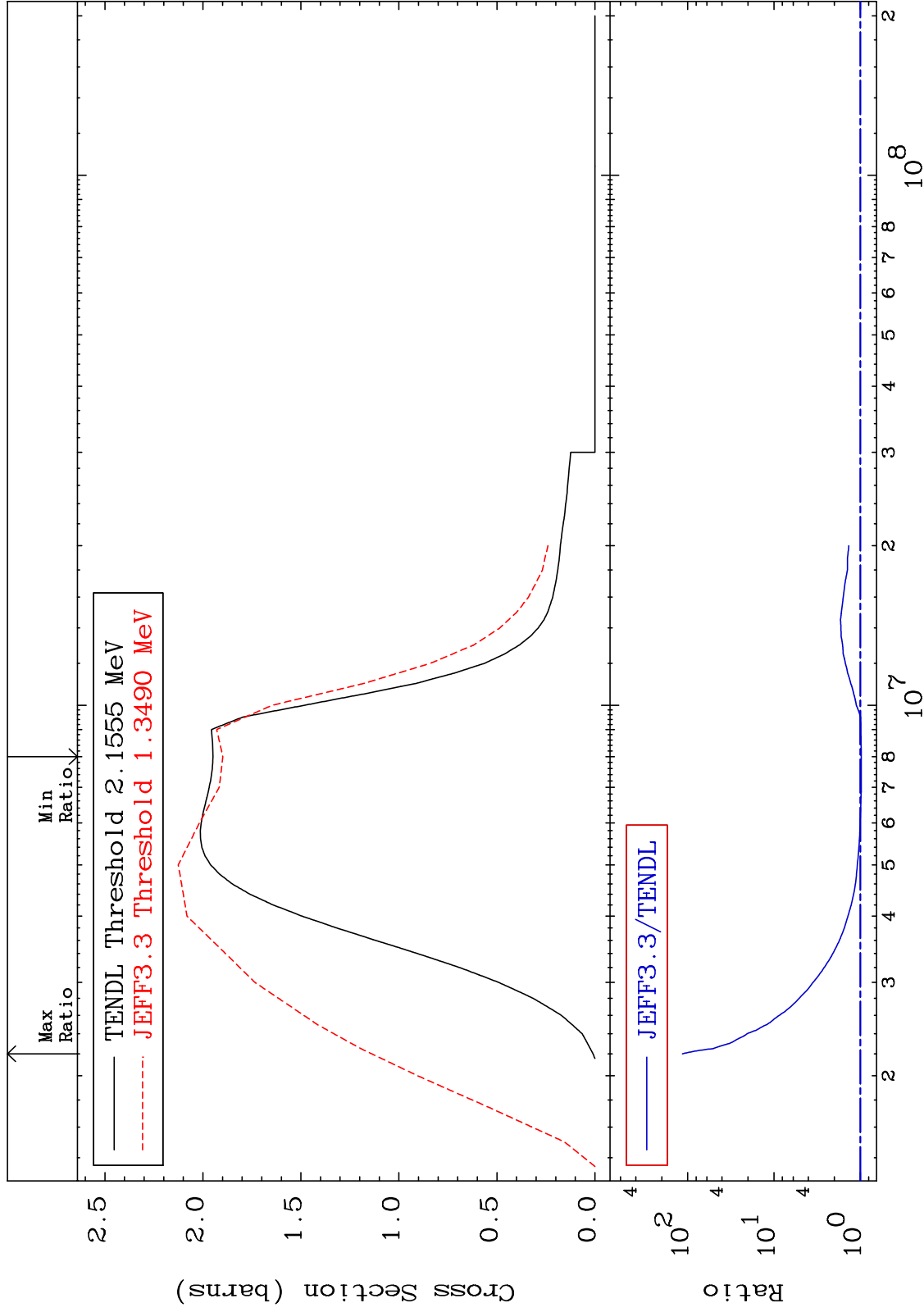




MAT 5131

(n, n') Continuum  
Cross Section

51-Sb-123  
-2.594 To 9999. %



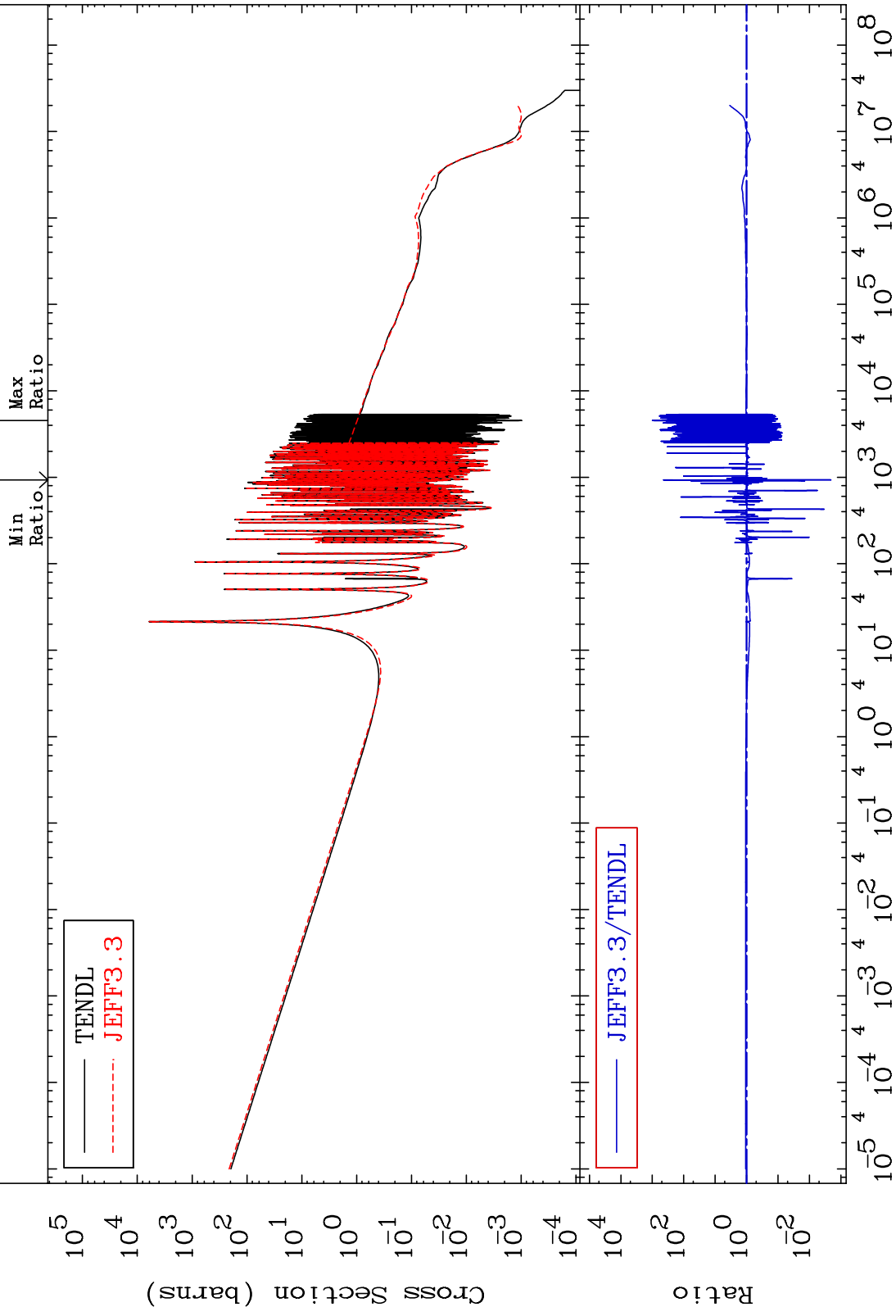
MAT 5131

(n,  $\gamma$ )

51-Sb-123

-99.79 To 9999. %

Cross Section



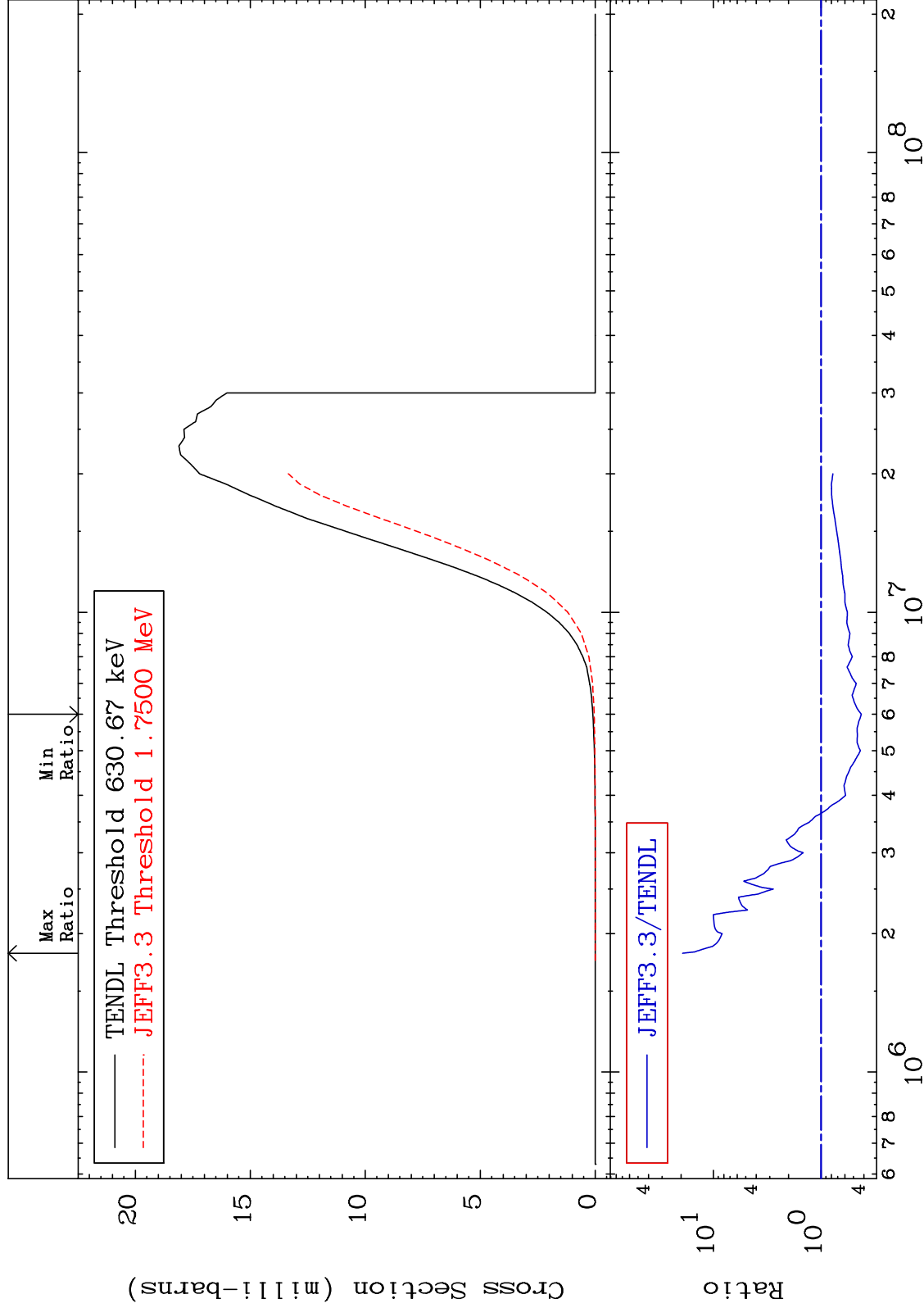
MAT 5131

(n,p)

51-Sb-123

Cross Section

-57.79 To 1828. %



18

51-Sb-123

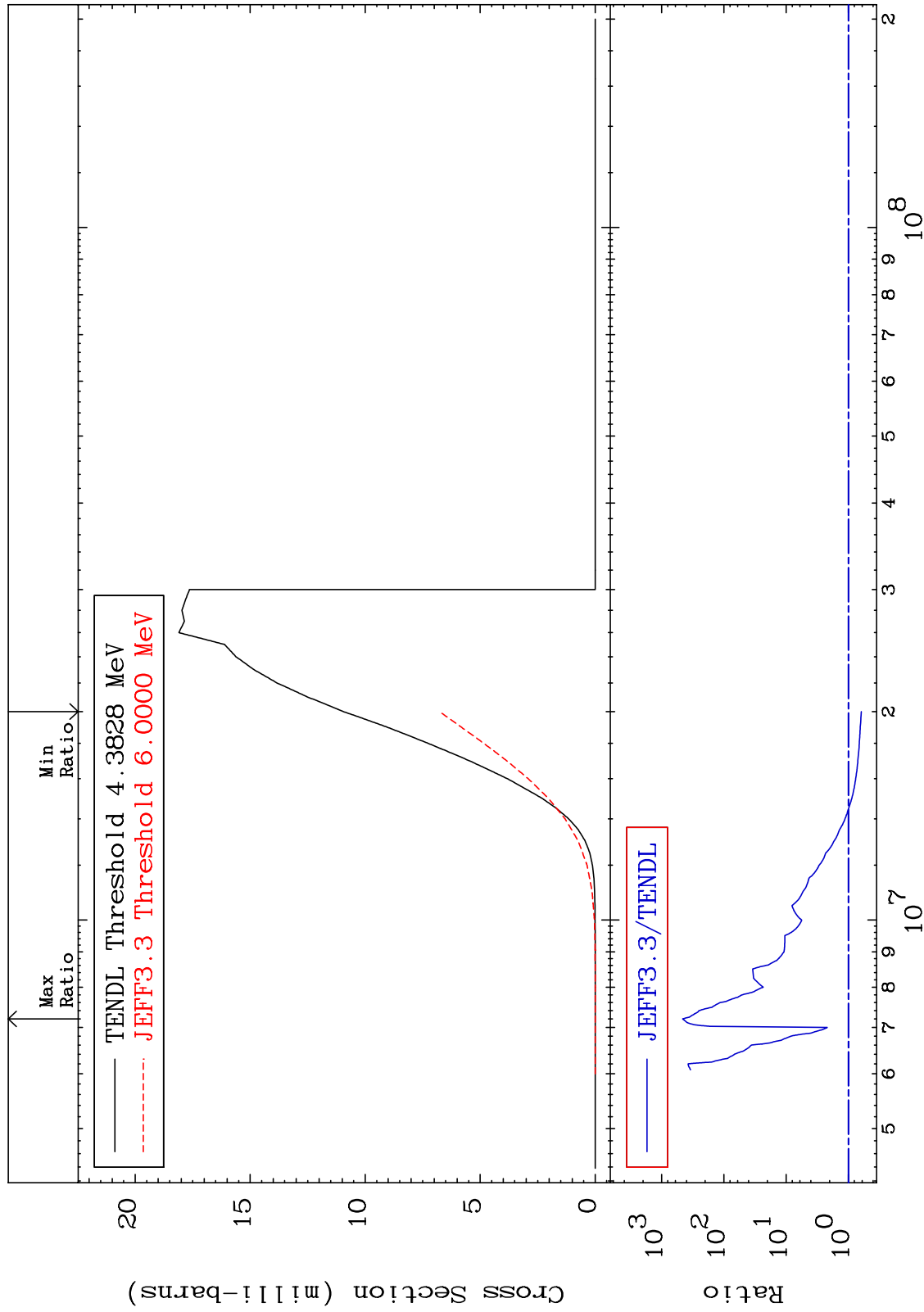
MAT 5131

(n,d)

51-Sb-123

Cross Section

-38.13 To 9999. %



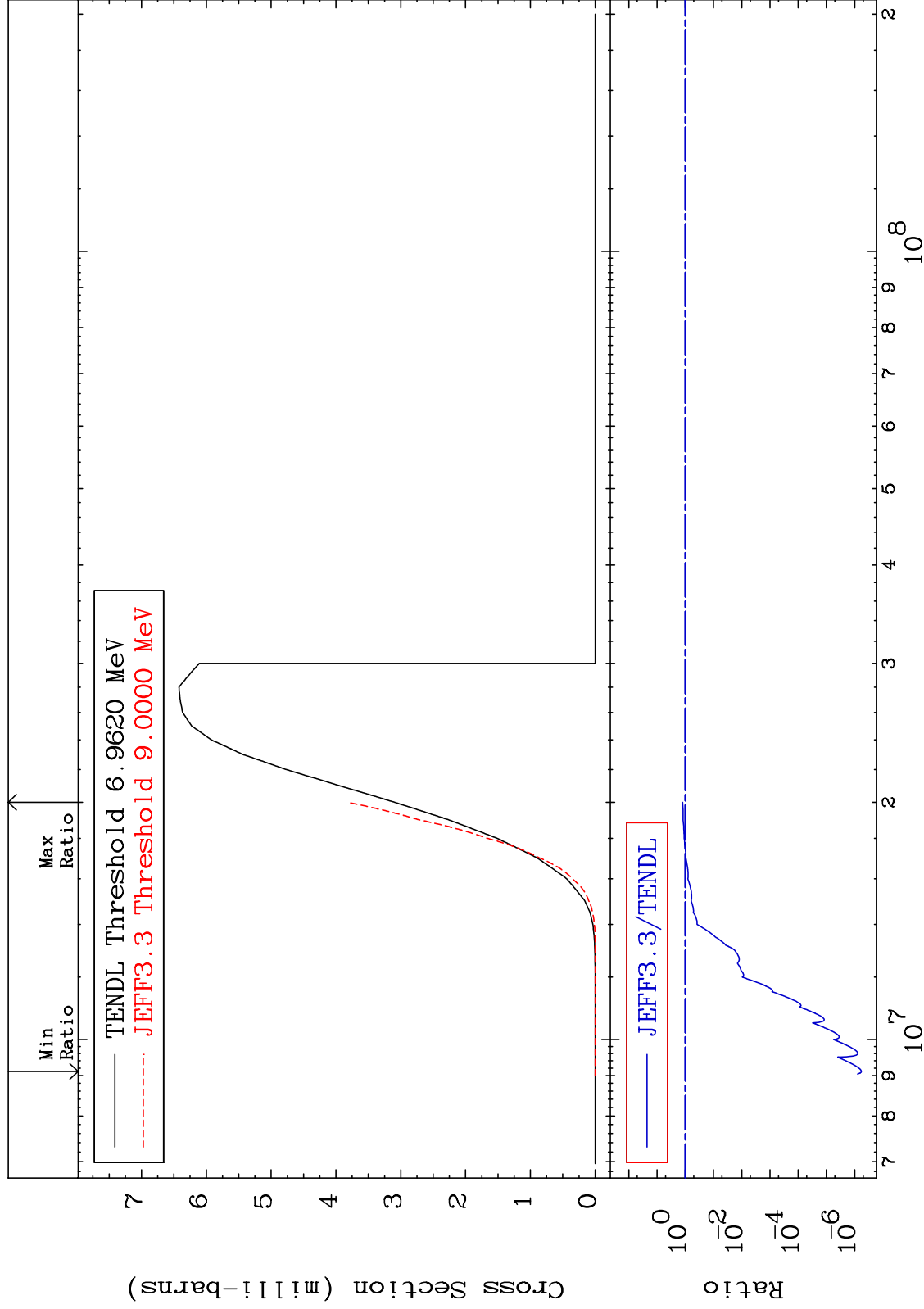
MAT 5131

(n, t)

51-Sb-123

Cross Section

-100.0 To 23.41 %



20

Incident Energy (eV)

51-Sb-123

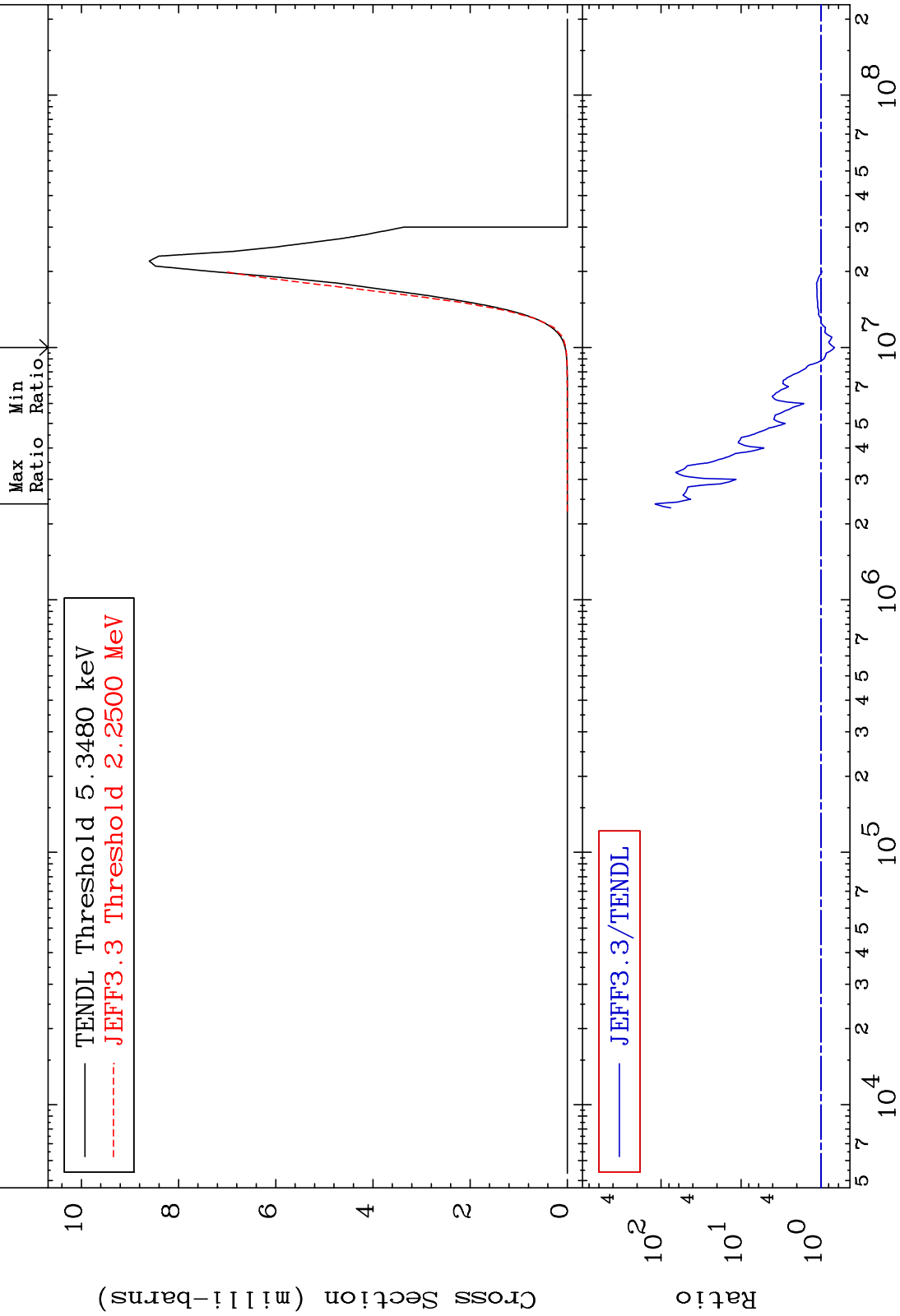
MAT 5131

(n,  $\alpha$ )

51-Sb-123

-32.68 To 9999. %

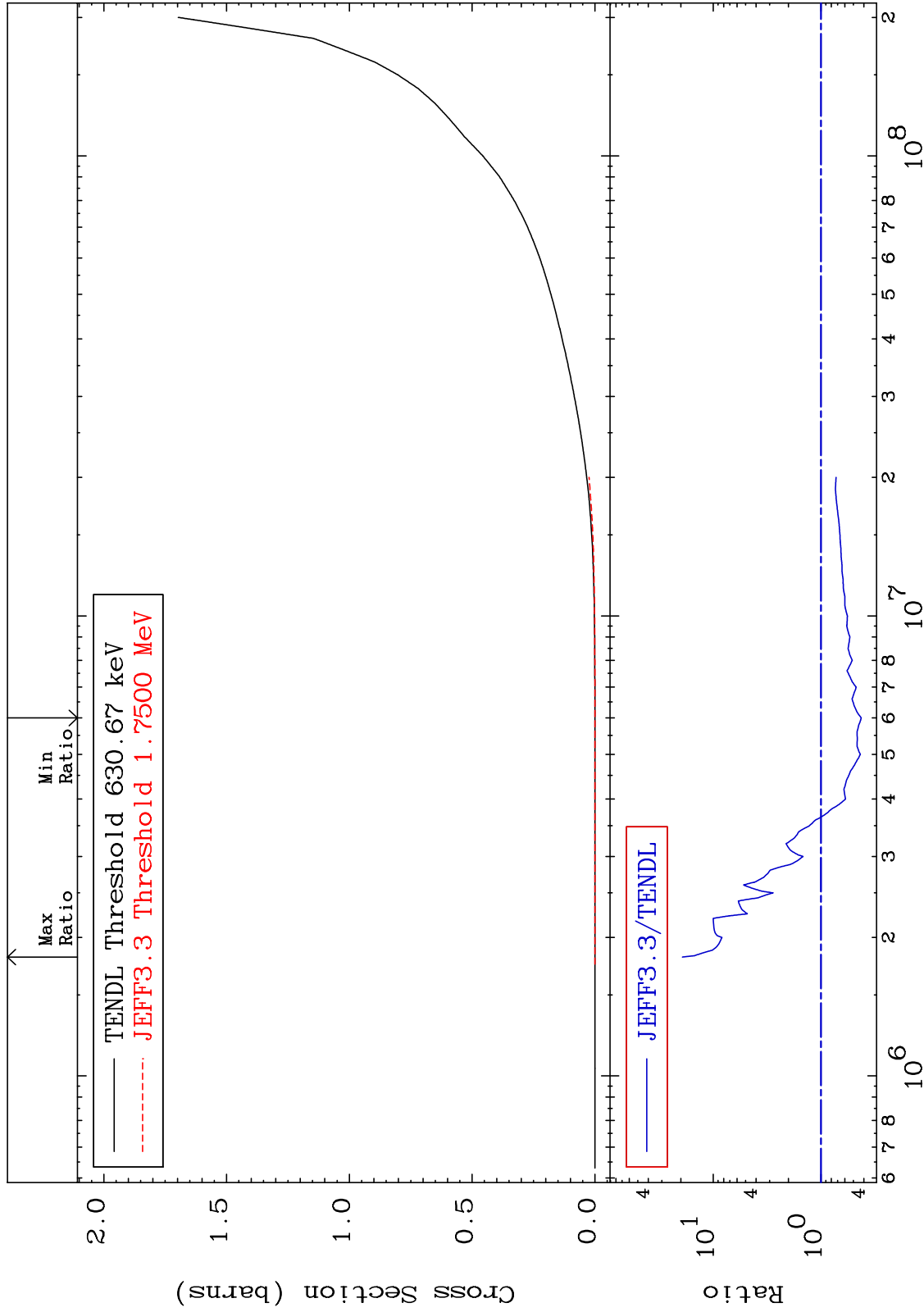
Cross Section



MAT 5131

Hydrogen Production  
Cross Section

51-Sb-123  
-57.79 To 1828. %



22

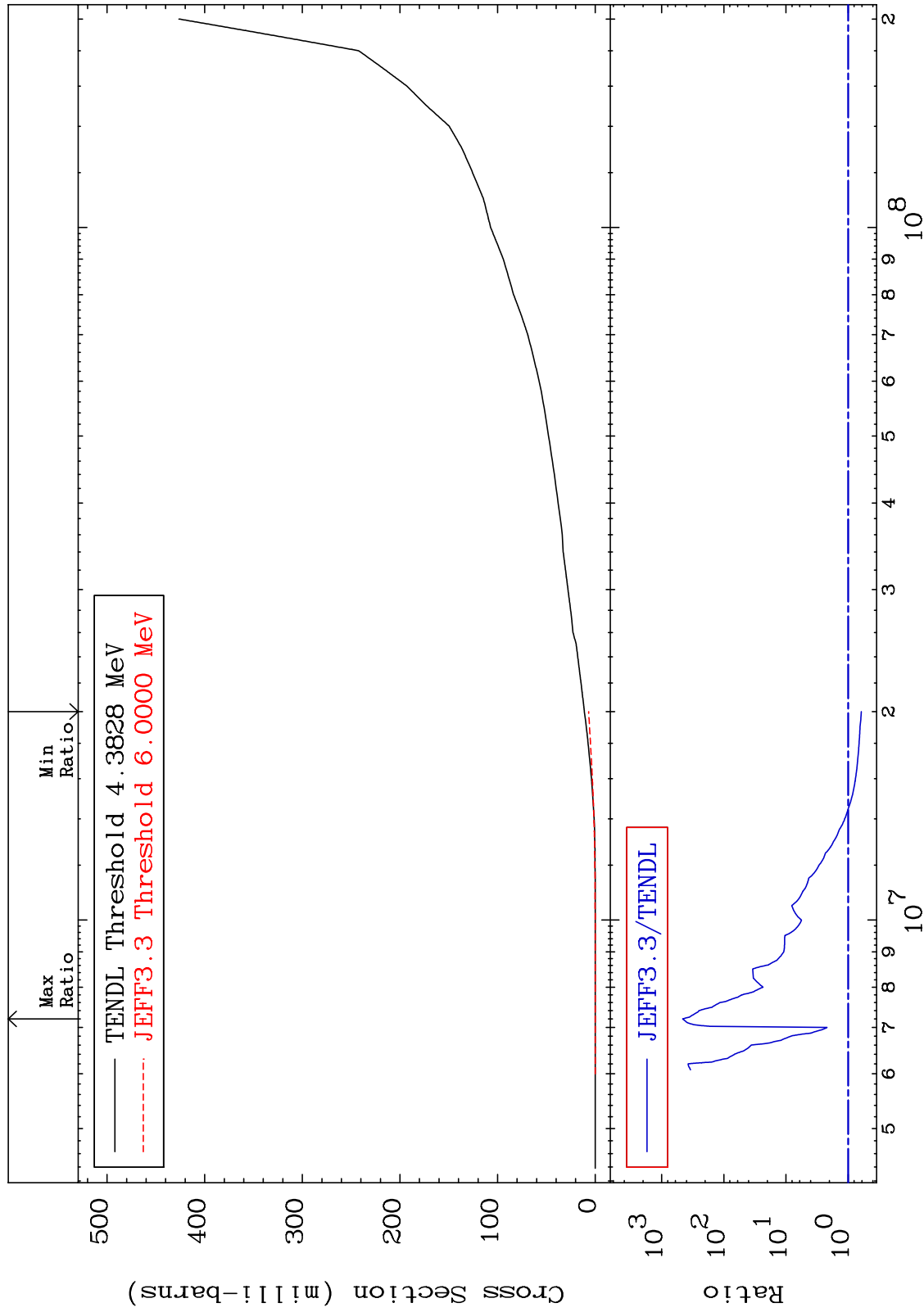
Incident Energy (eV)

51-Sb-123

MAT 5131

Deuterium Production  
Cross Section

51-Sb-123  
-38.72 To 9999. %

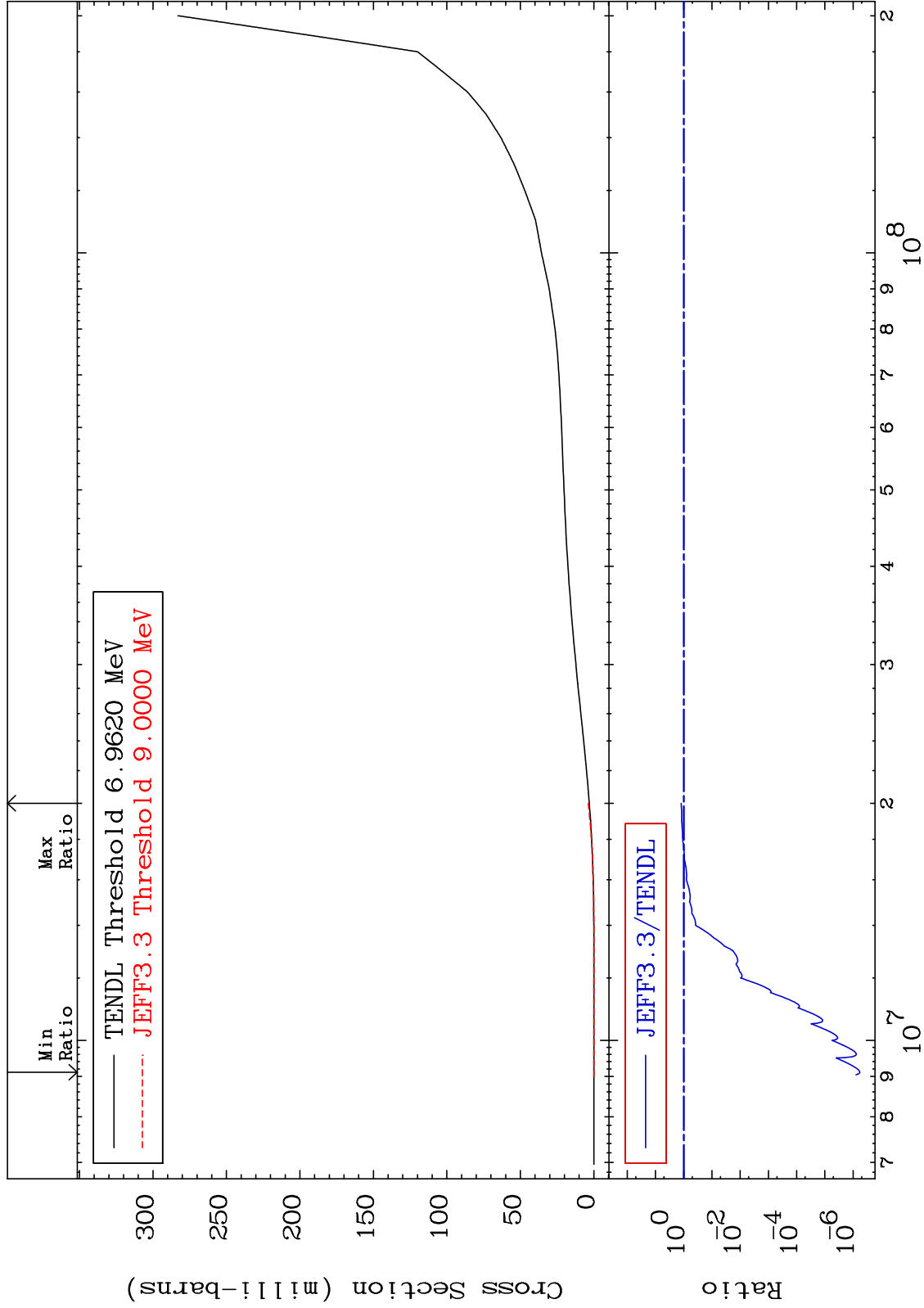




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Tritium Production  
Cross Section

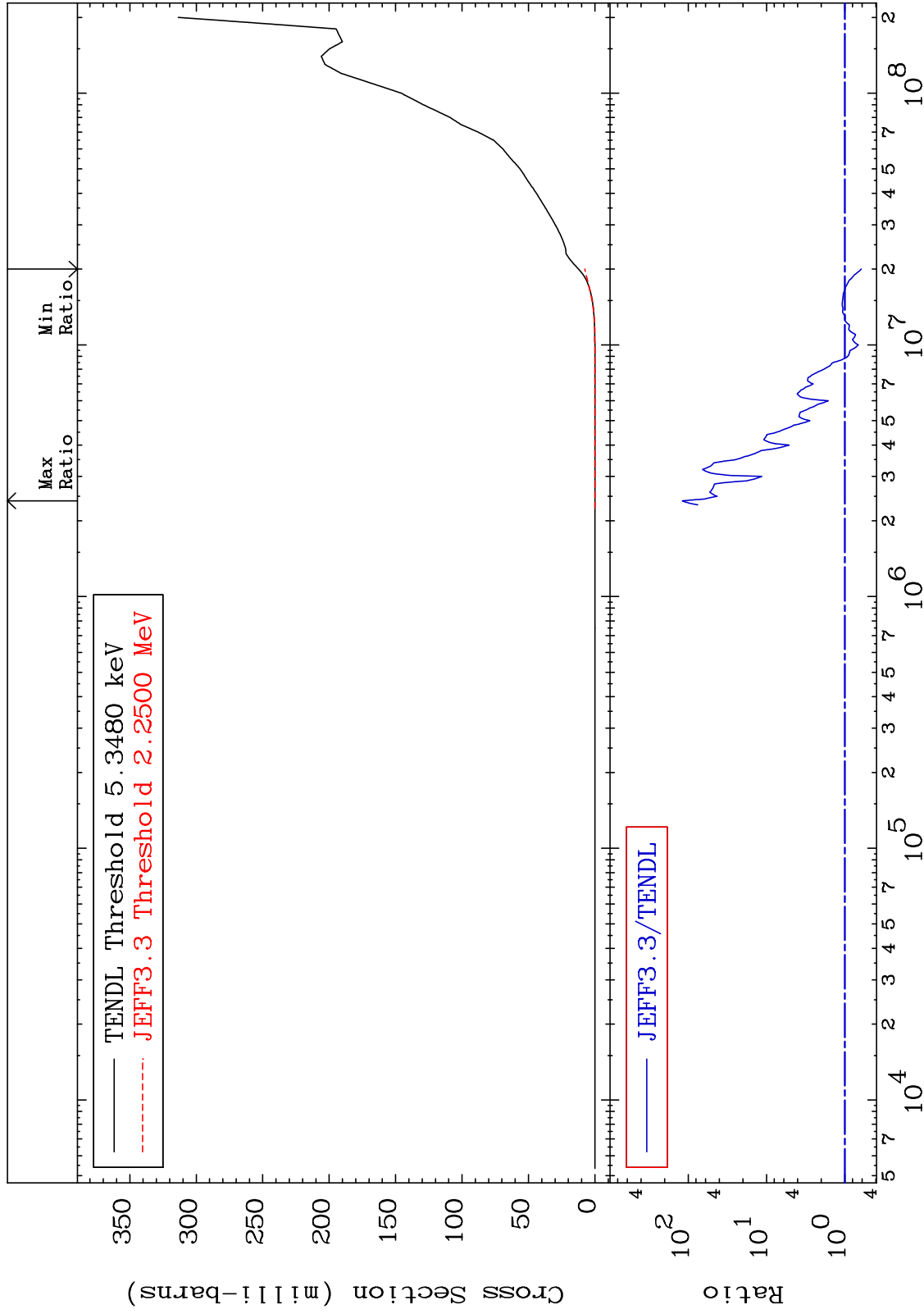
51-Sb-123  
-100.0 To 22.71 %



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He-4 Production  
Cross Section

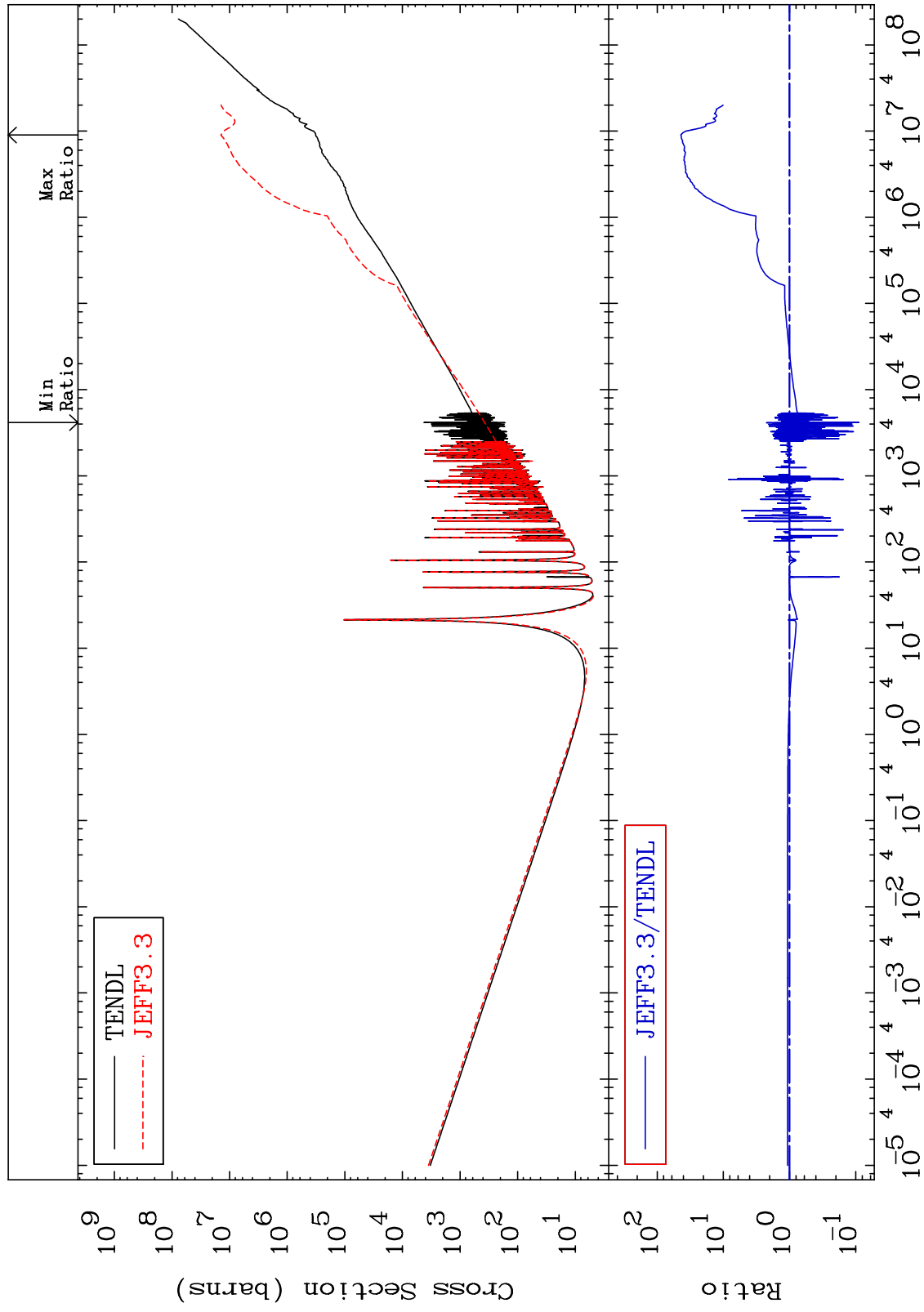
51-Sb-123  
-38.35 To 9999. %



MAT 5131

Kerma total (eV-barns)  
Cross Section

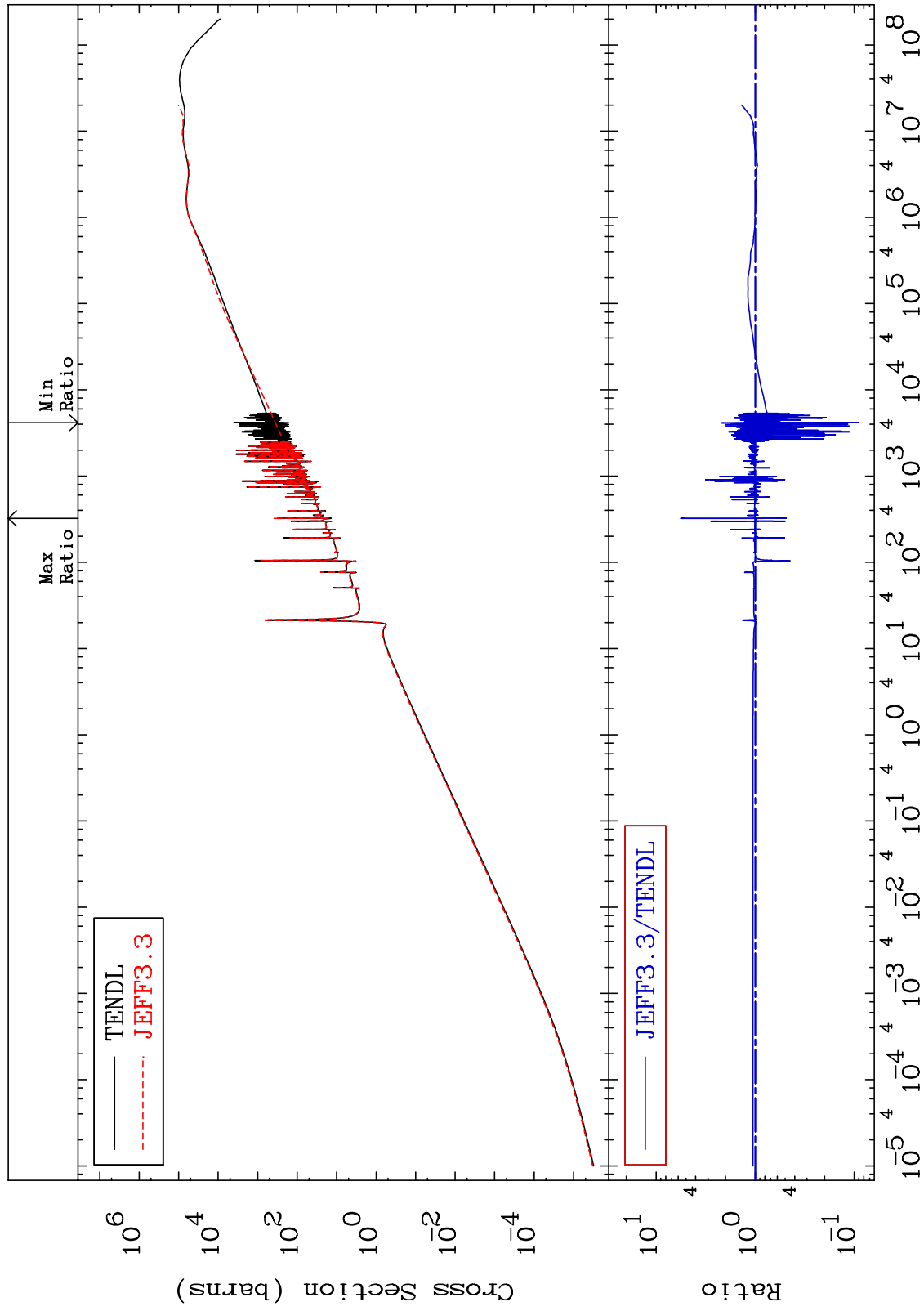
51-Sb-123  
-91.07 To 4287. %



MAT 5131

Kerma elastic  
Cross Section

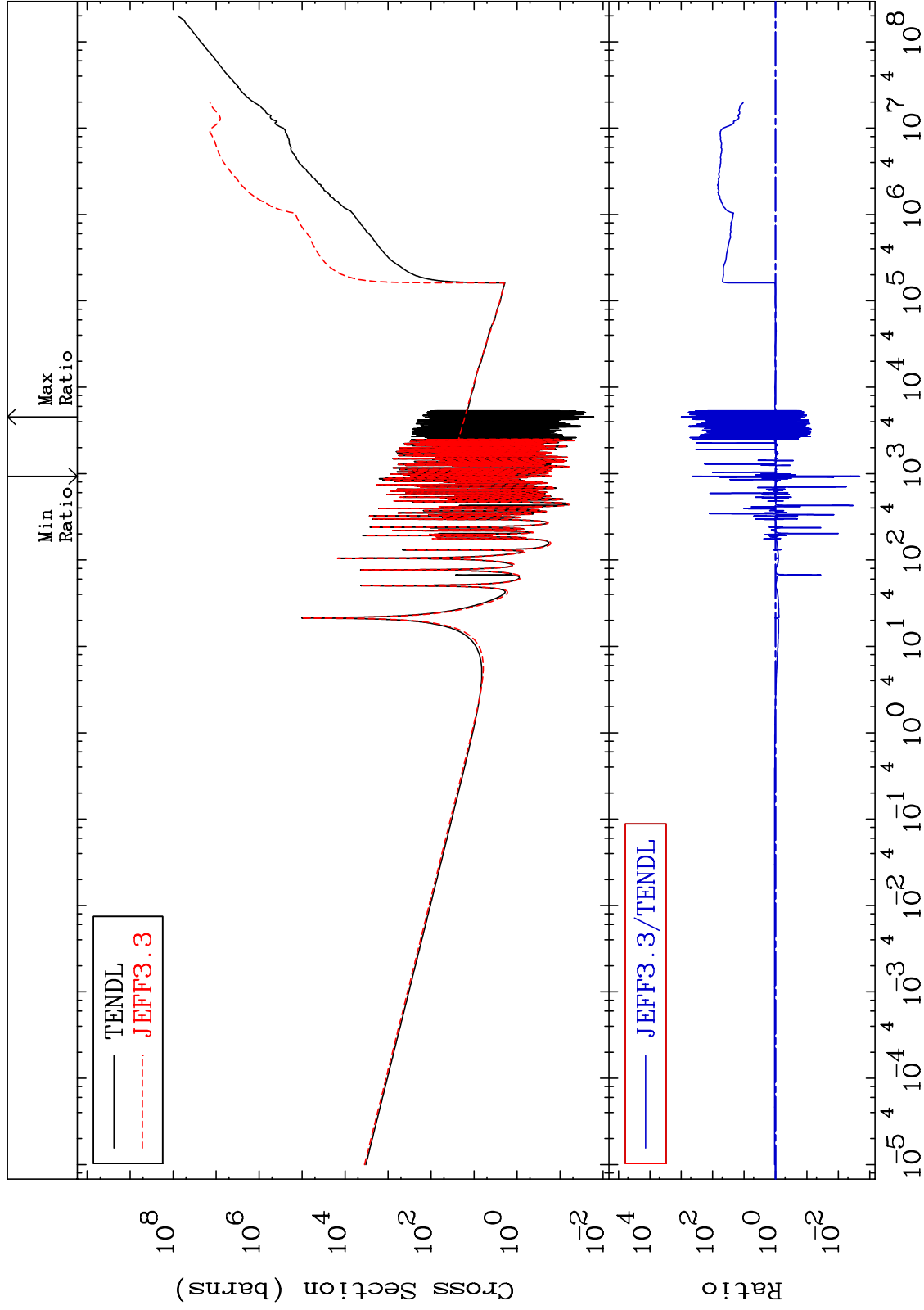
51-Sb-123  
-91.05 To 464.1 %

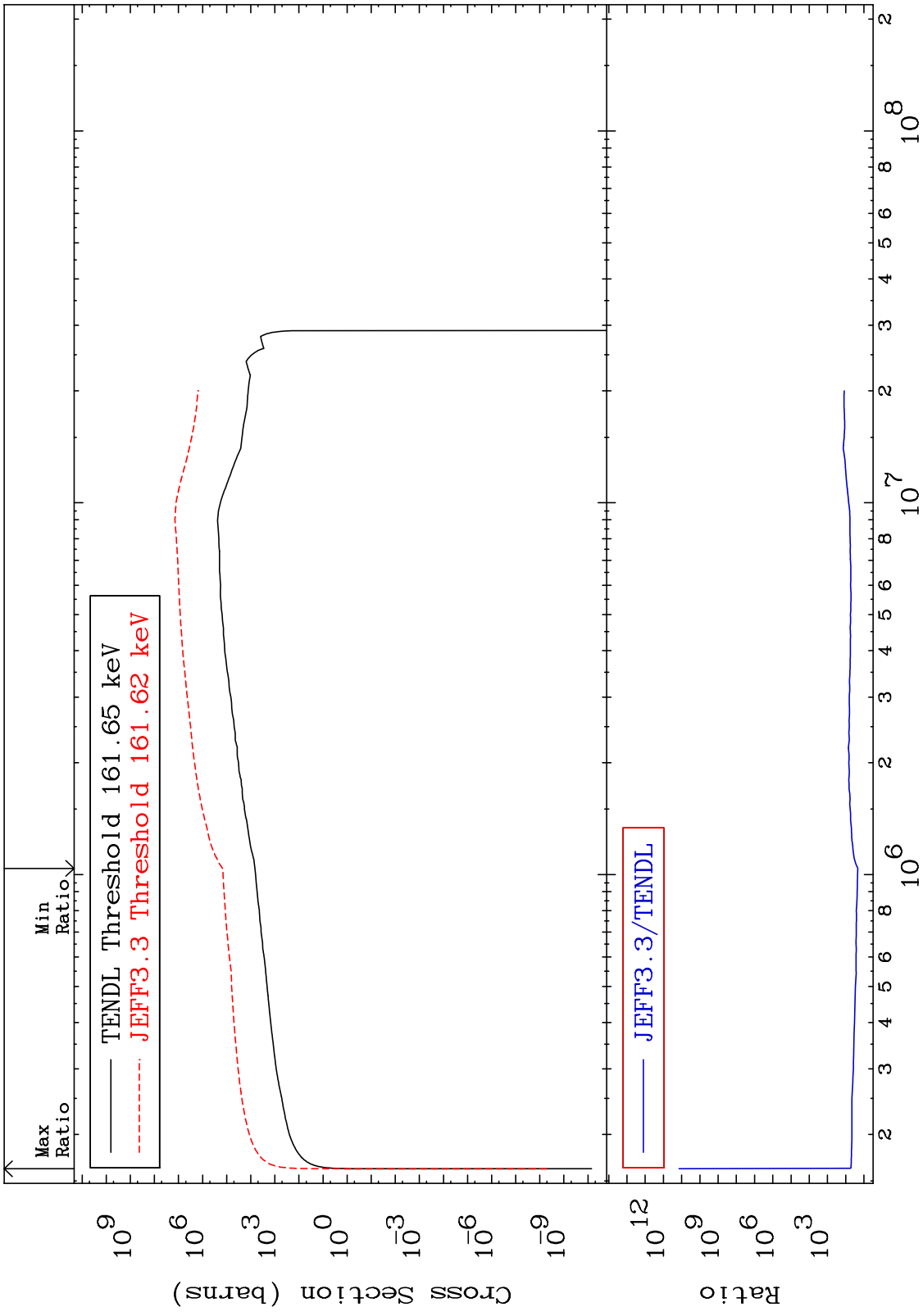


MAT 5131

Kerma non-elastic (all but mt2)  
Cross Section

51-Sb-123  
-99.79 To 9999. %

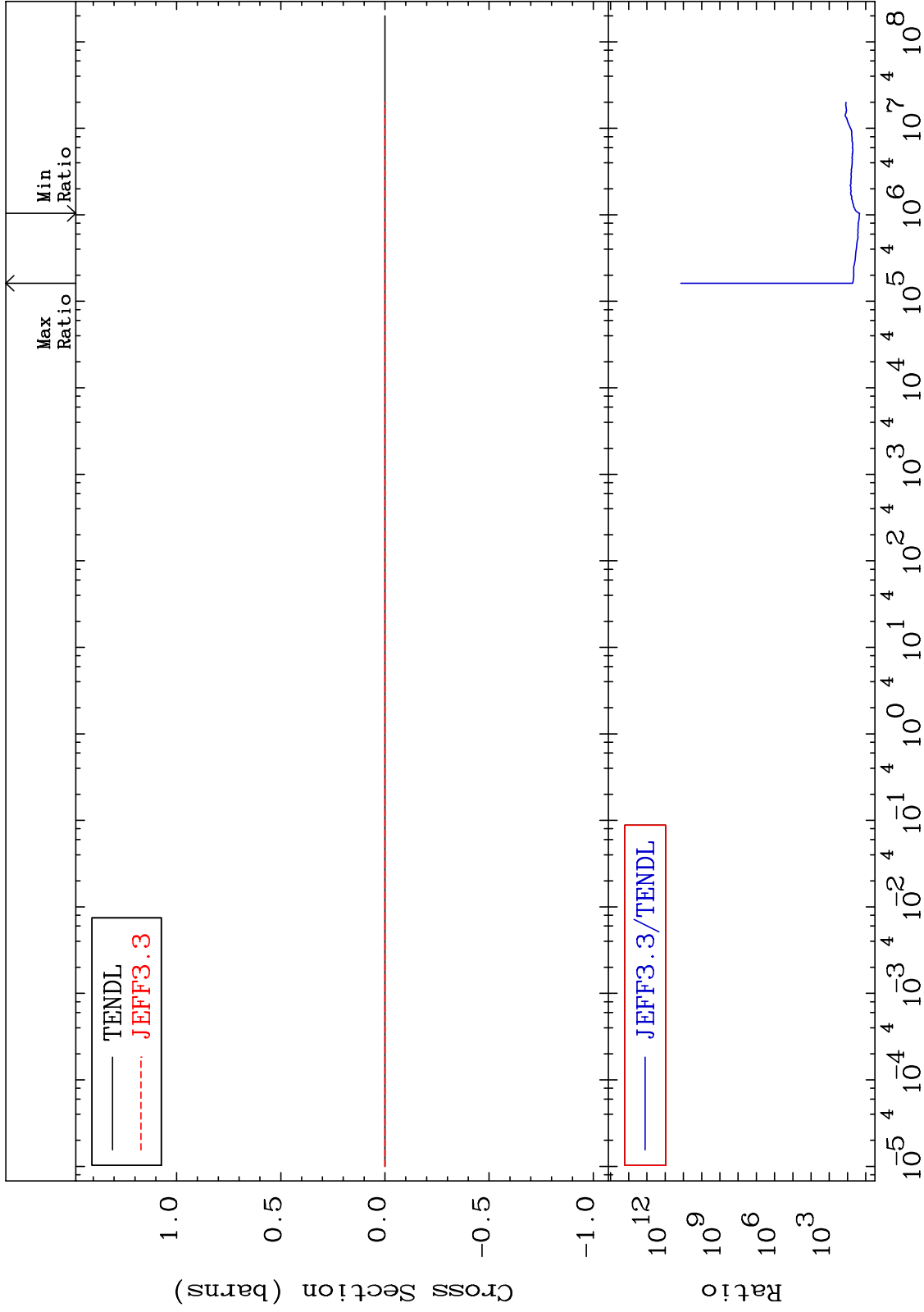




MAT 5131

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

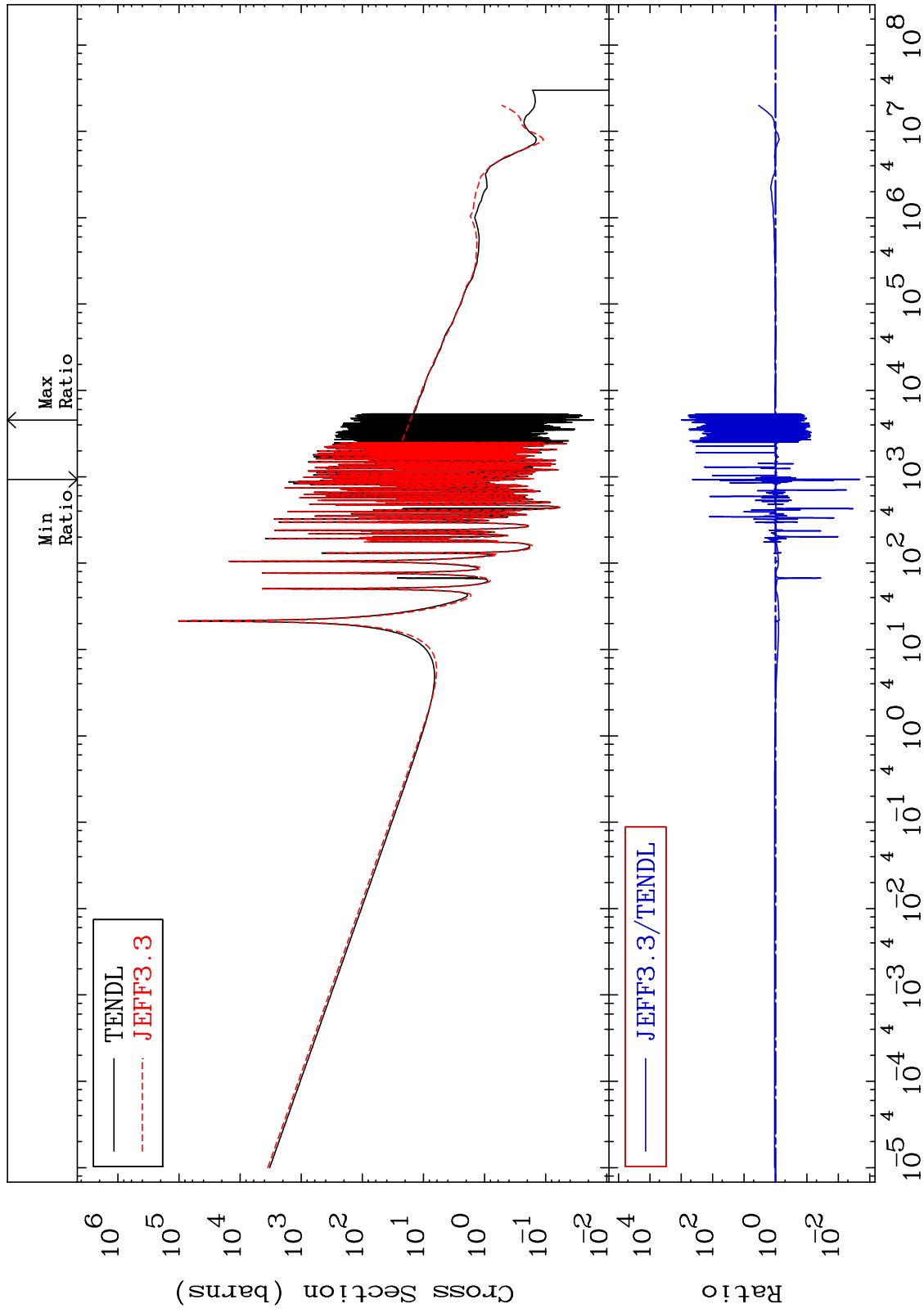
51-Sb-123  
2067. To 9999. %



MAT 5131

Kerma capture (mt102)  
Cross Section

51-Sb-123  
-99.79 To 9999. %

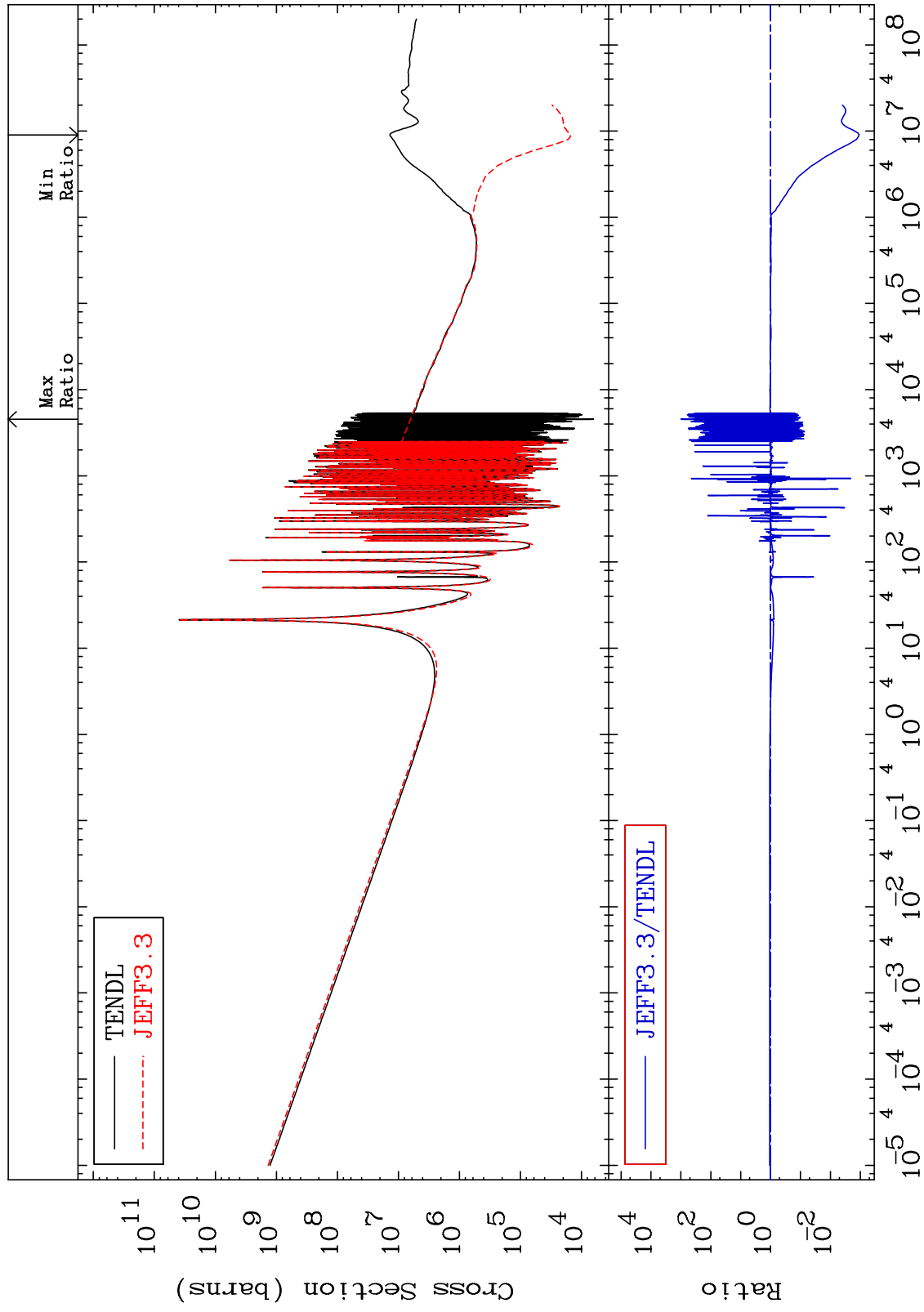




MAT 5131

Total photon (eV-barns)  
Cross Section

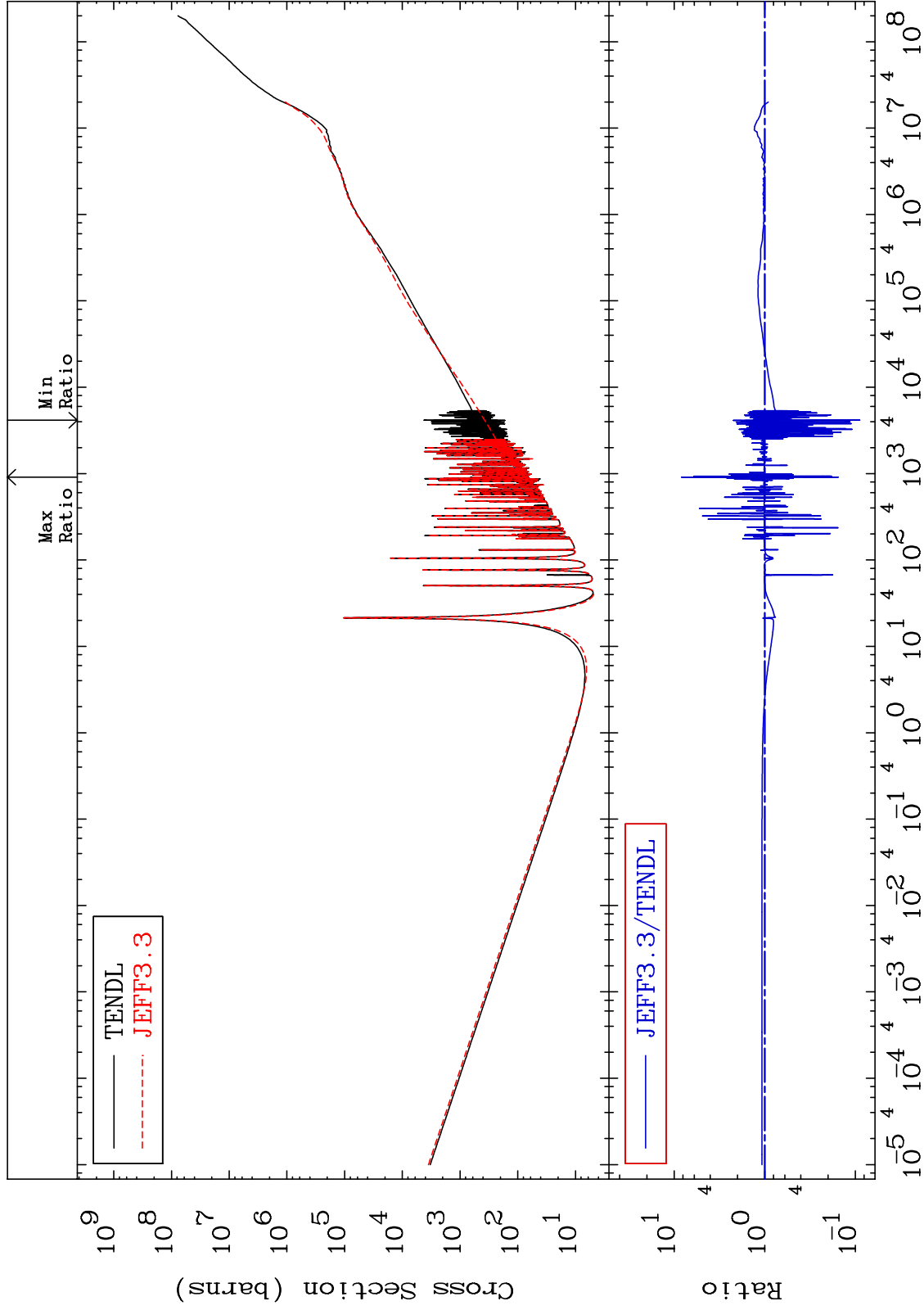
51-Sb-123  
-99.89 To 9999. %



MAT 5131

Total kinematic kerma (high limit)  
Cross Section

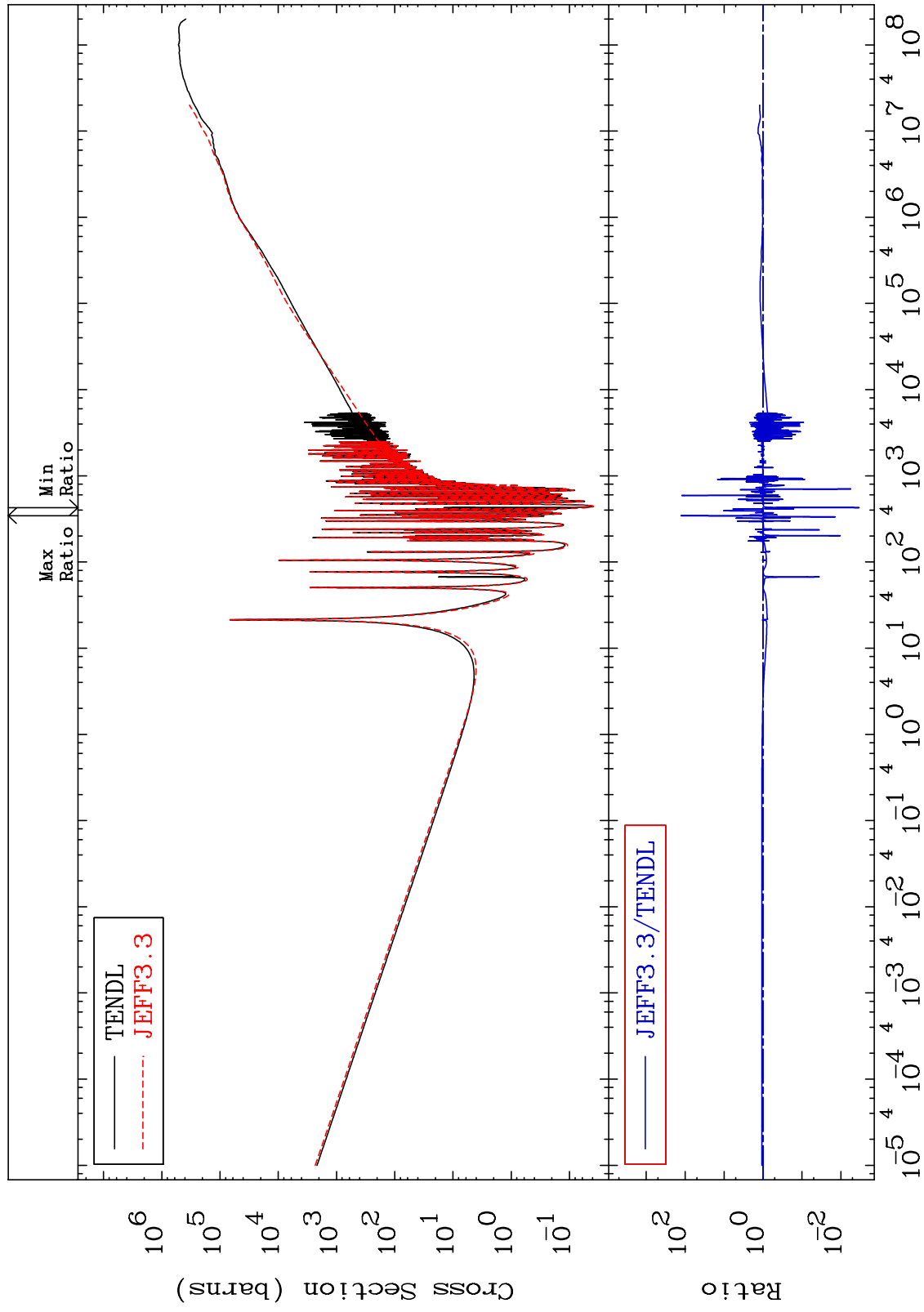
51-Sb-123  
-91.07 To 734.0 %

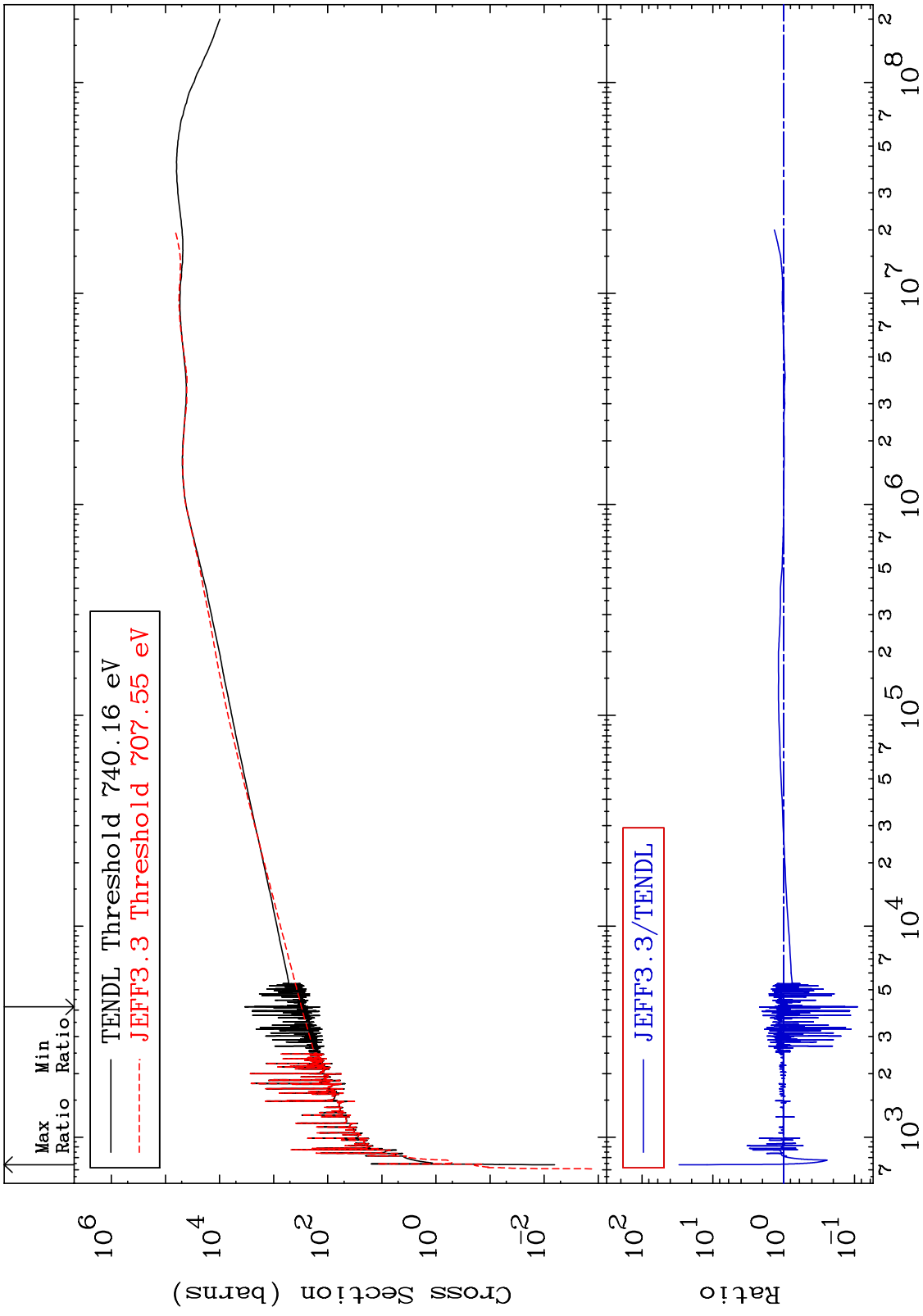


MAT 5131

Dpa total (eV-barns)  
Cross Section

51-Sb-123  
-99.66 To 9999. %

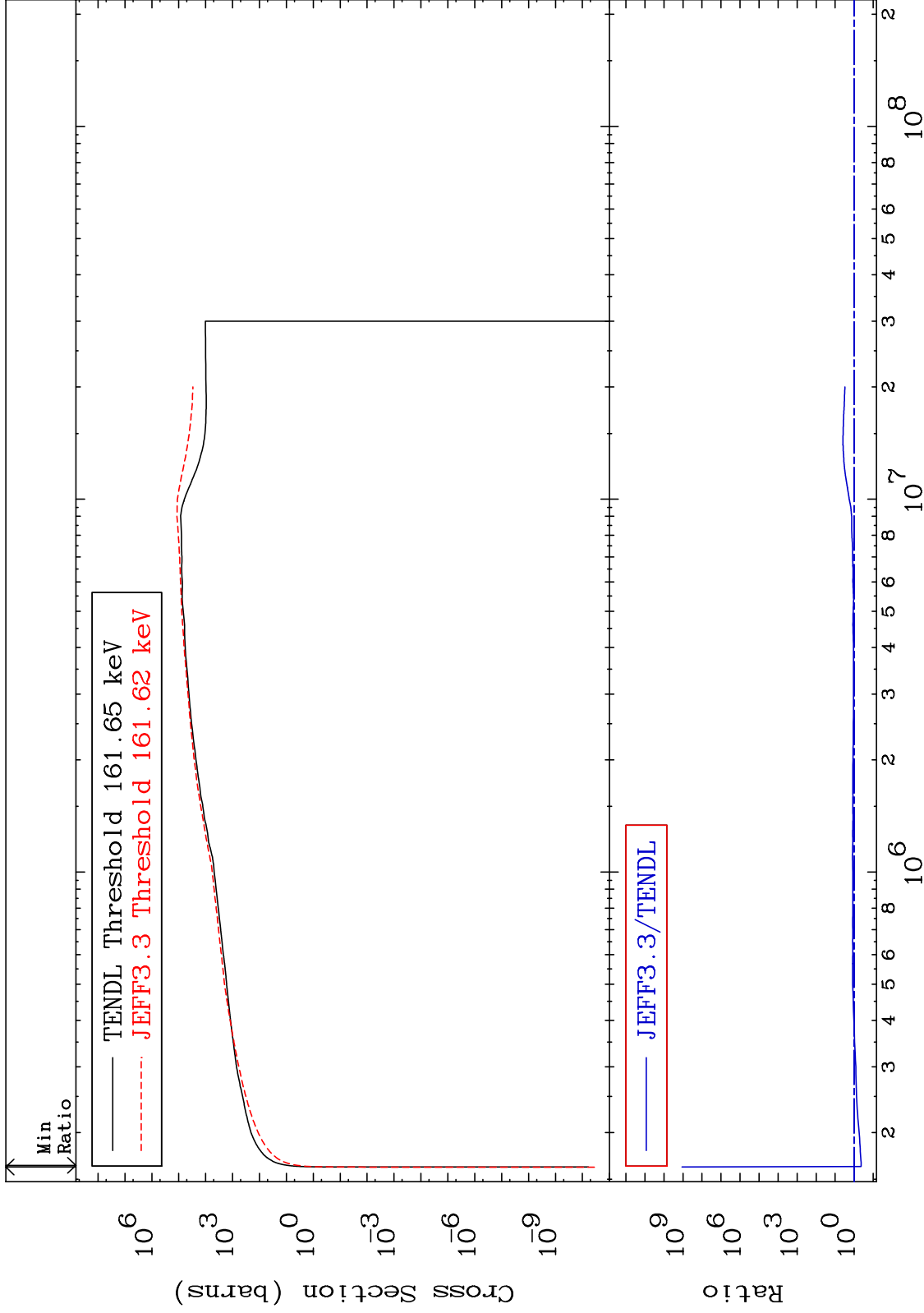




MAT 5131

Dpa inelastic (mt51-91)  
Cross Section

51-Sb-123  
-57.17 To 9999. %



MAT 5131

Dpa disappearance (mt102 -120)  
Cross Section

51-Sb-123  
-99.79 To 9999. %

