

Program Complot  
(Version 2018-1)

by

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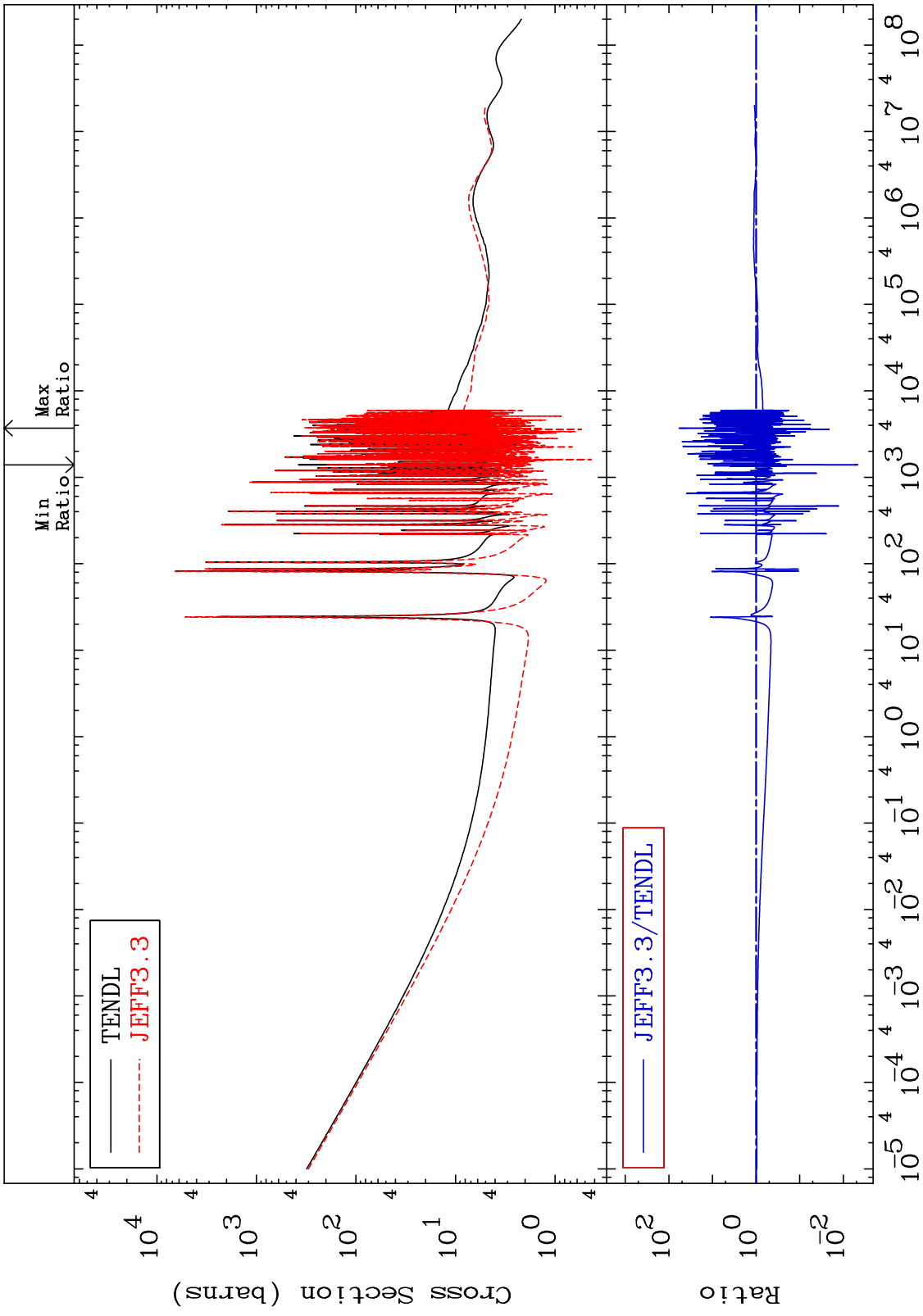
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

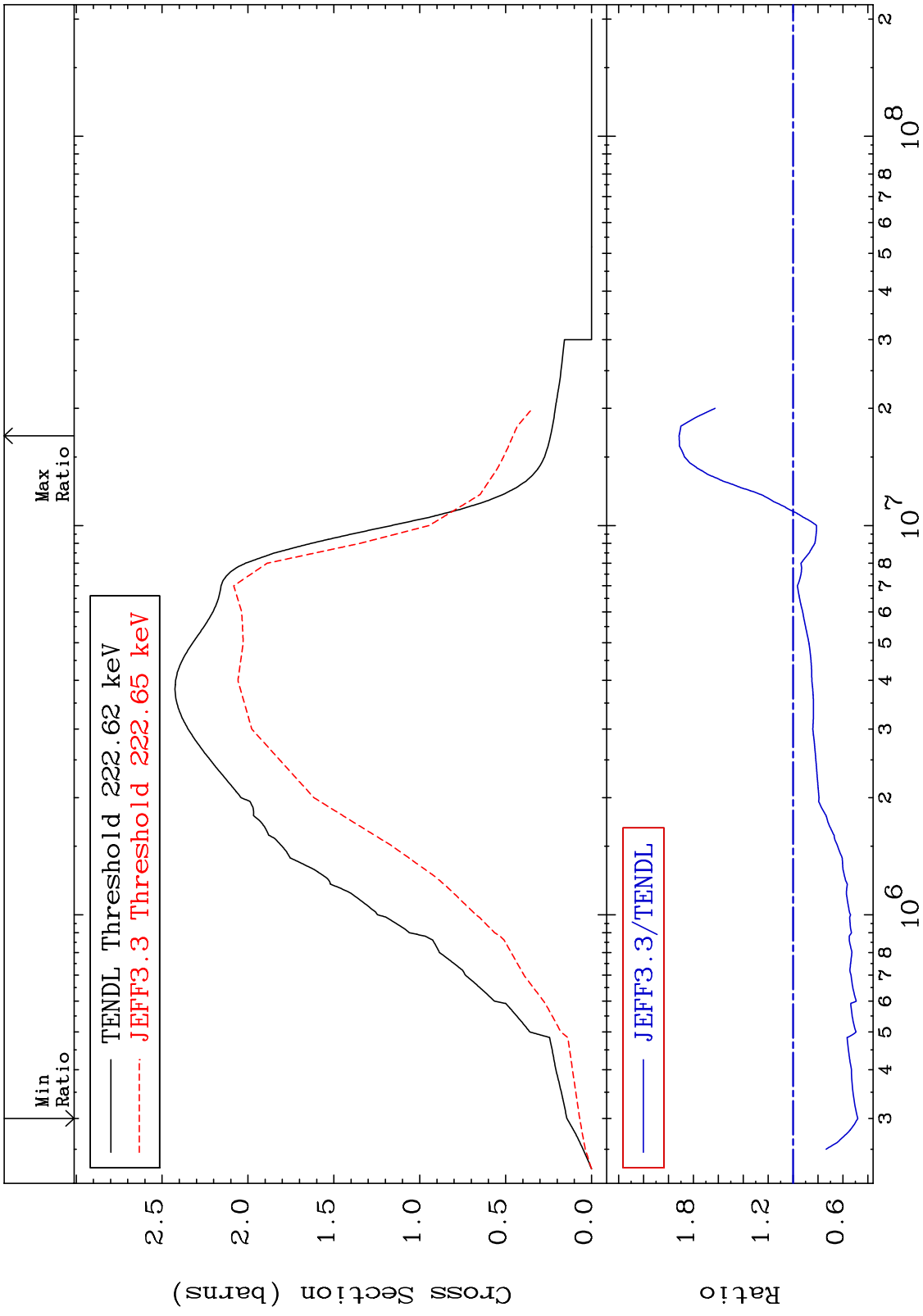
MAT 5640 56-Ba-135  
Total Cross Section -99.54 To 5743. %



1 56-Ba-135

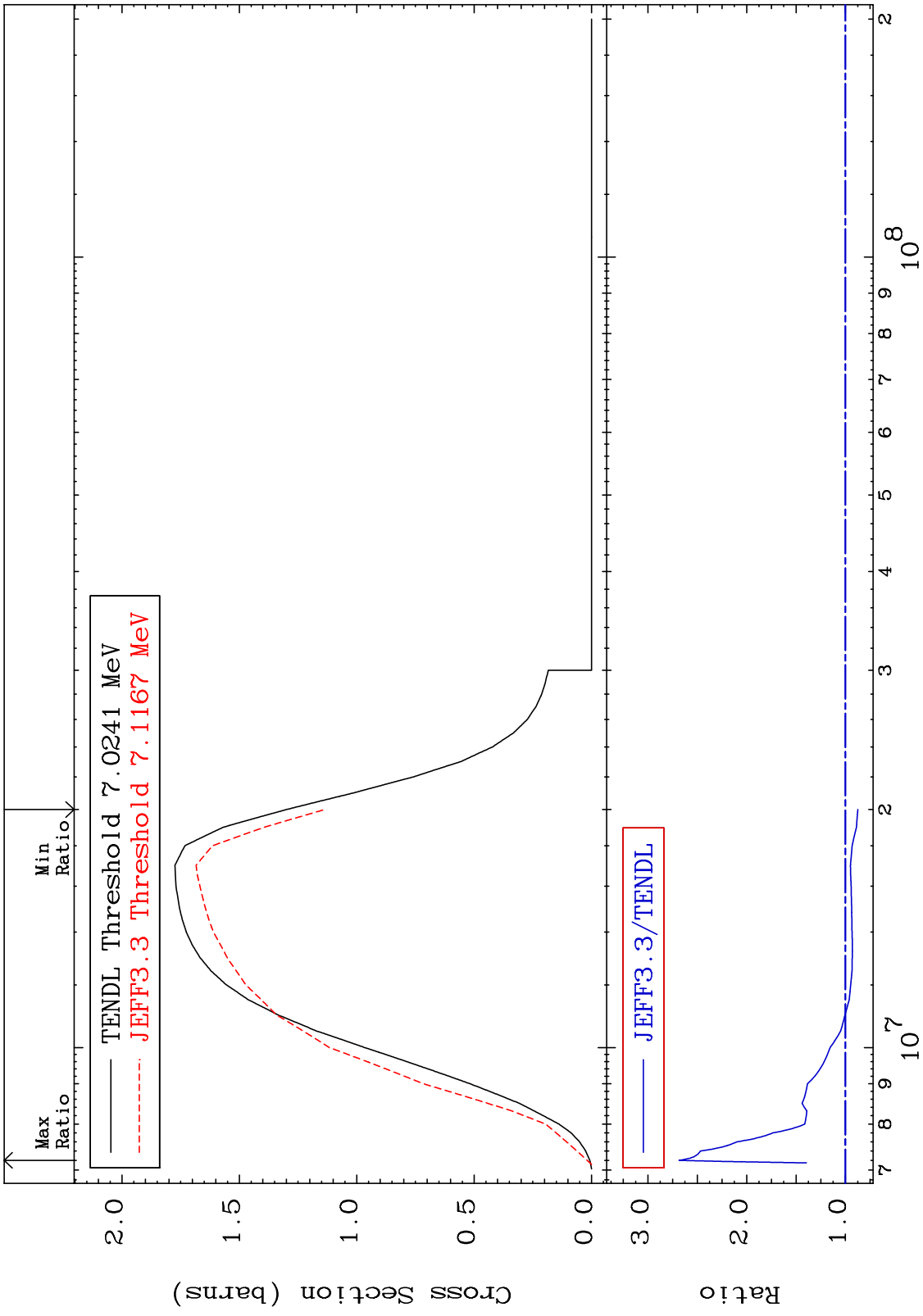


MAT 5640 Inelastic Cross Section 56-Ba-135 -51.90 To 91.53 %

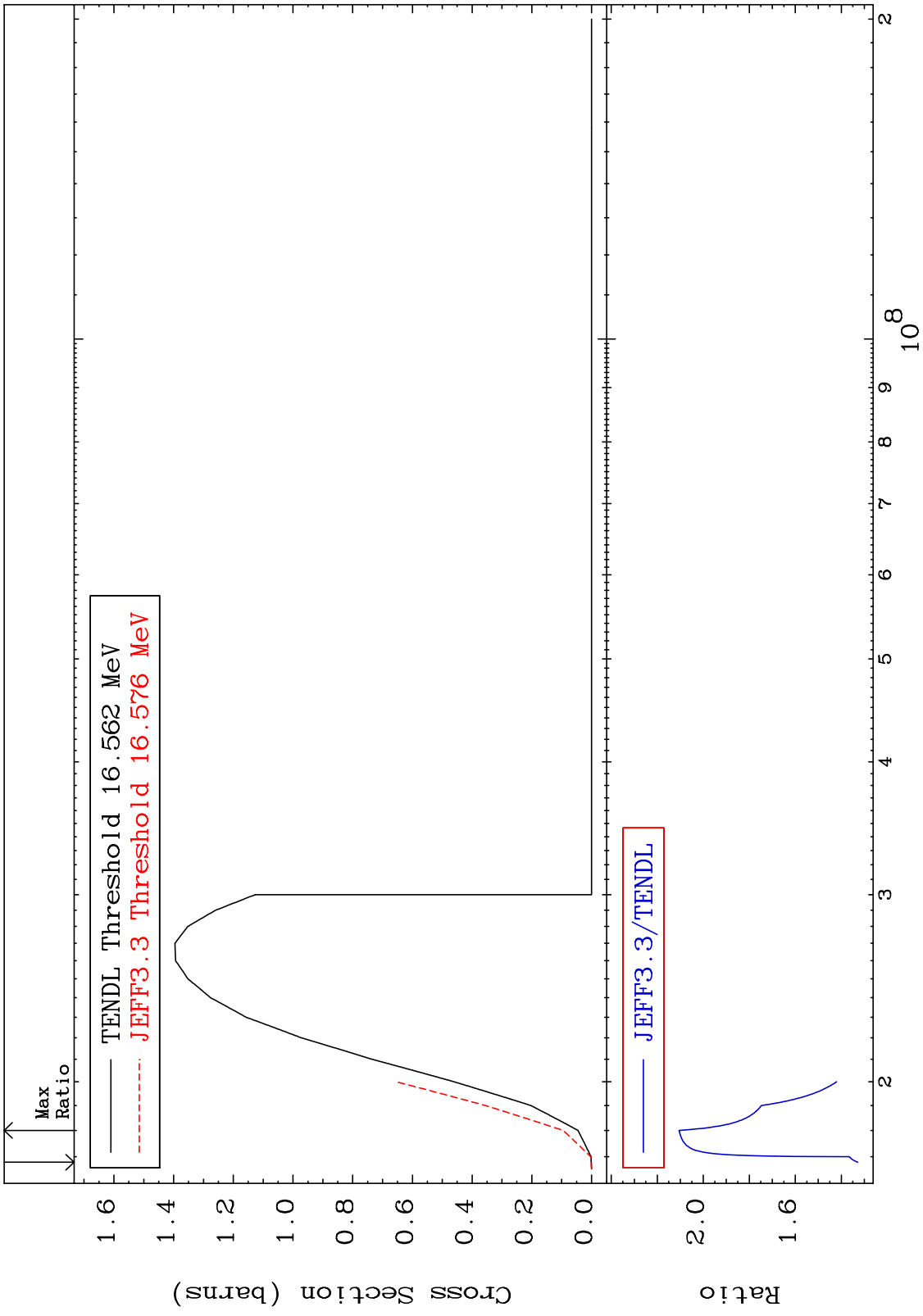


3 Incident Energy (eV) 56-Ba-135

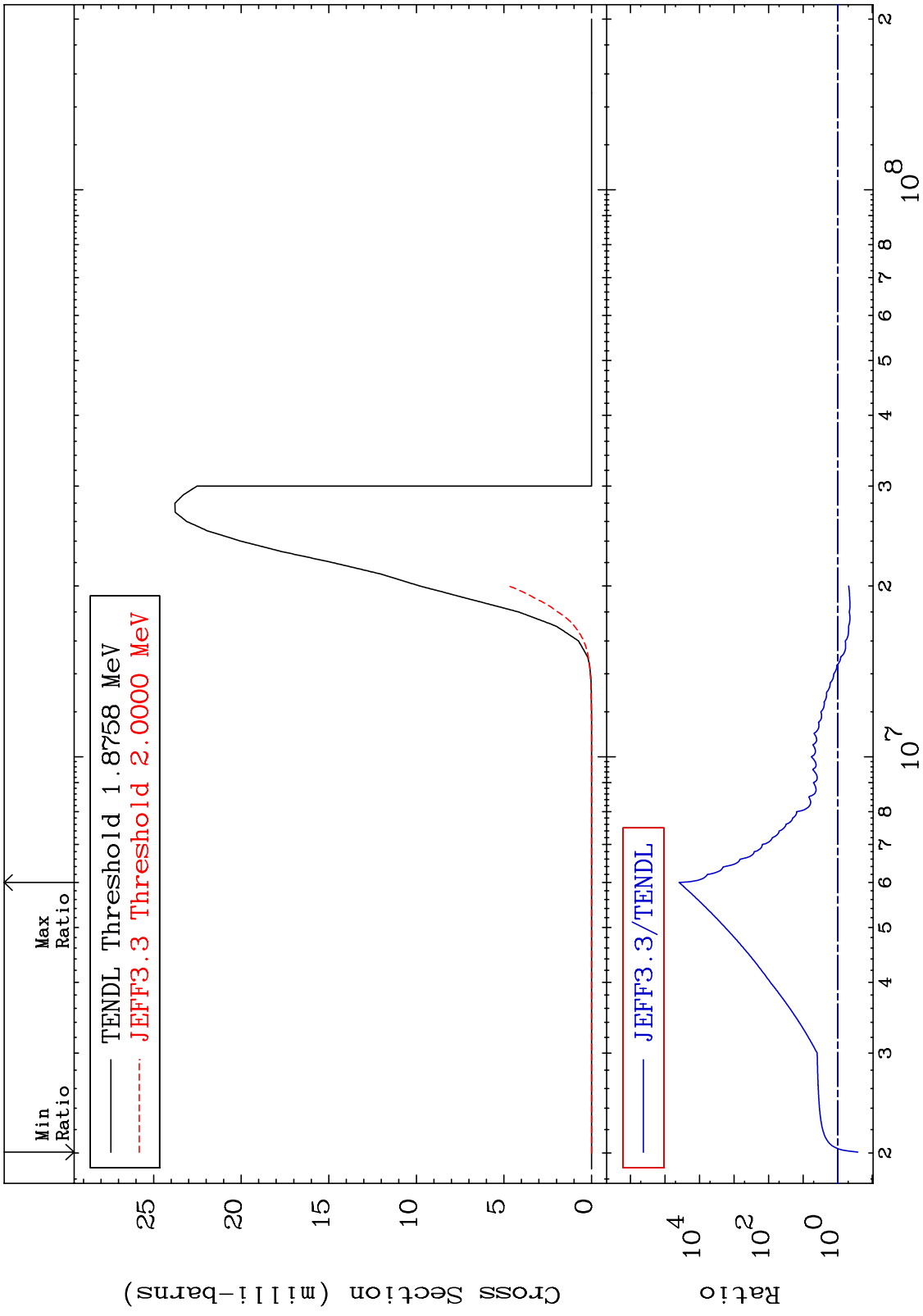
MAT 5640 56-Ba-135  
-12.57 To 168.5 %  
 (n,2n)  
 Cross Section



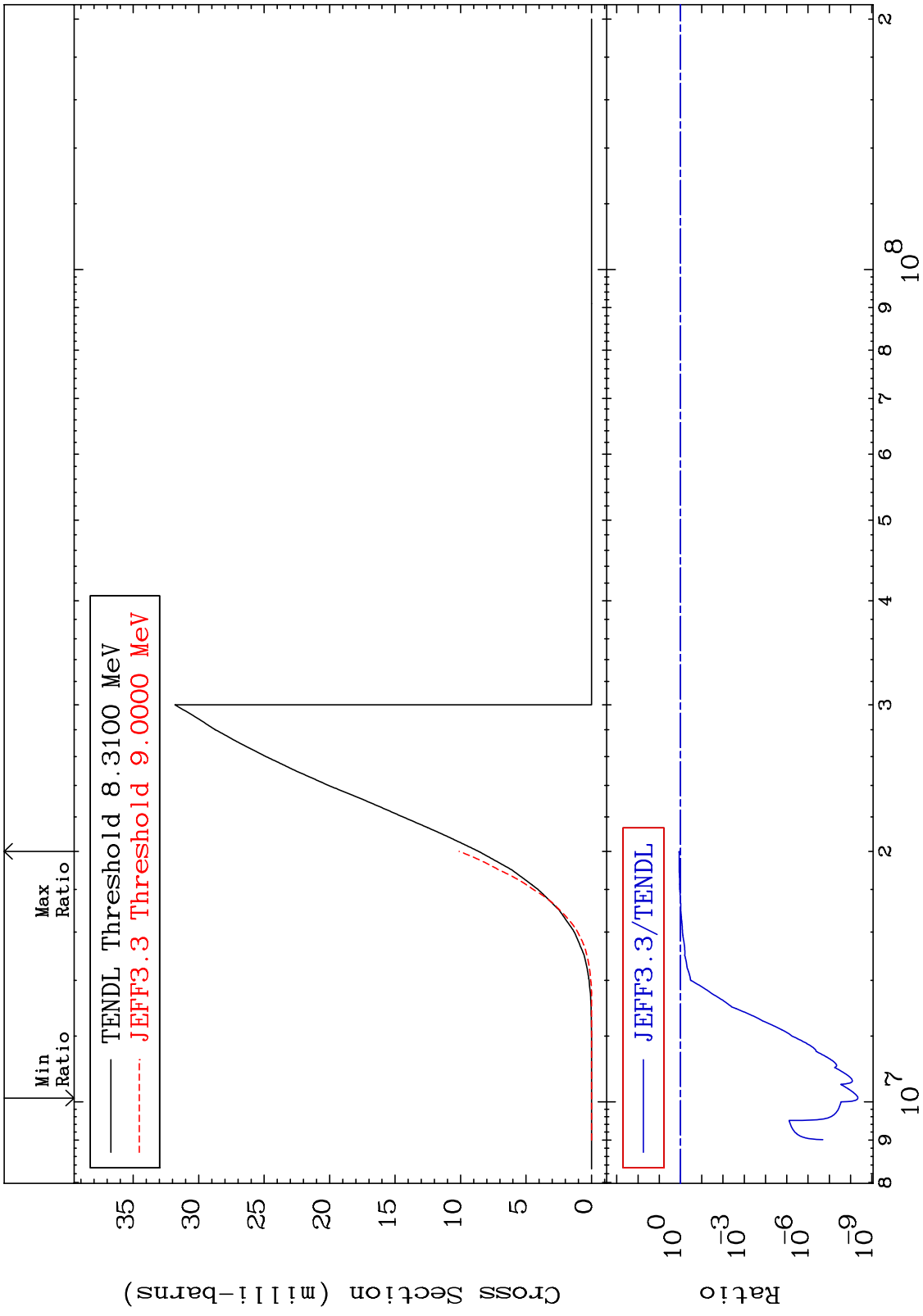
MAT 5640 (n,3n) Cross Section 56-Ba-135 32.82 To 110.5 %



MAT 5640  $(n, n') \alpha$  56-Ba-135  
 Cross Section -73.88 To 9999. %

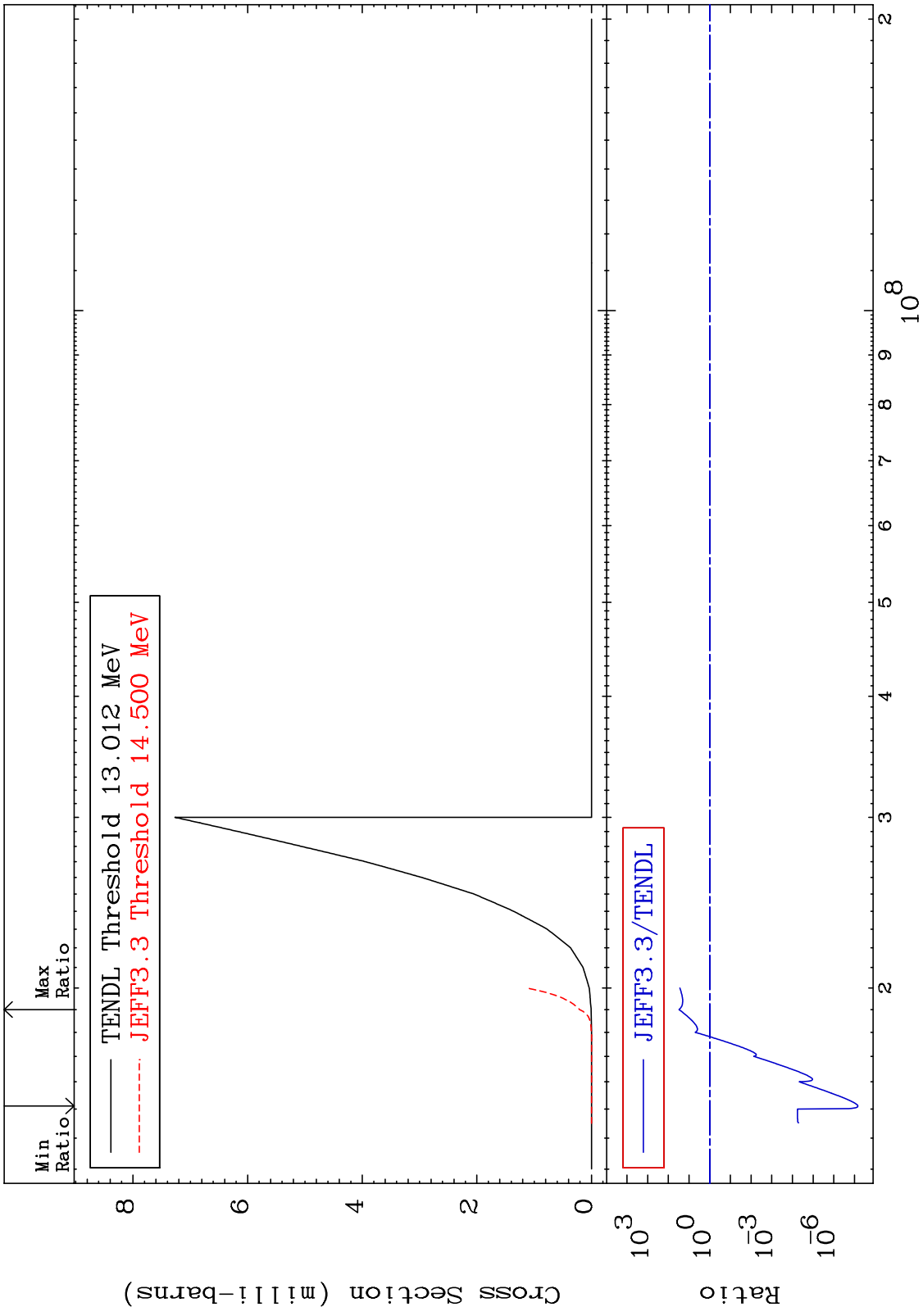


MAT 5640 (n,n') p 56-Ba-135  
Cross Section -100.0 To 17.21 %

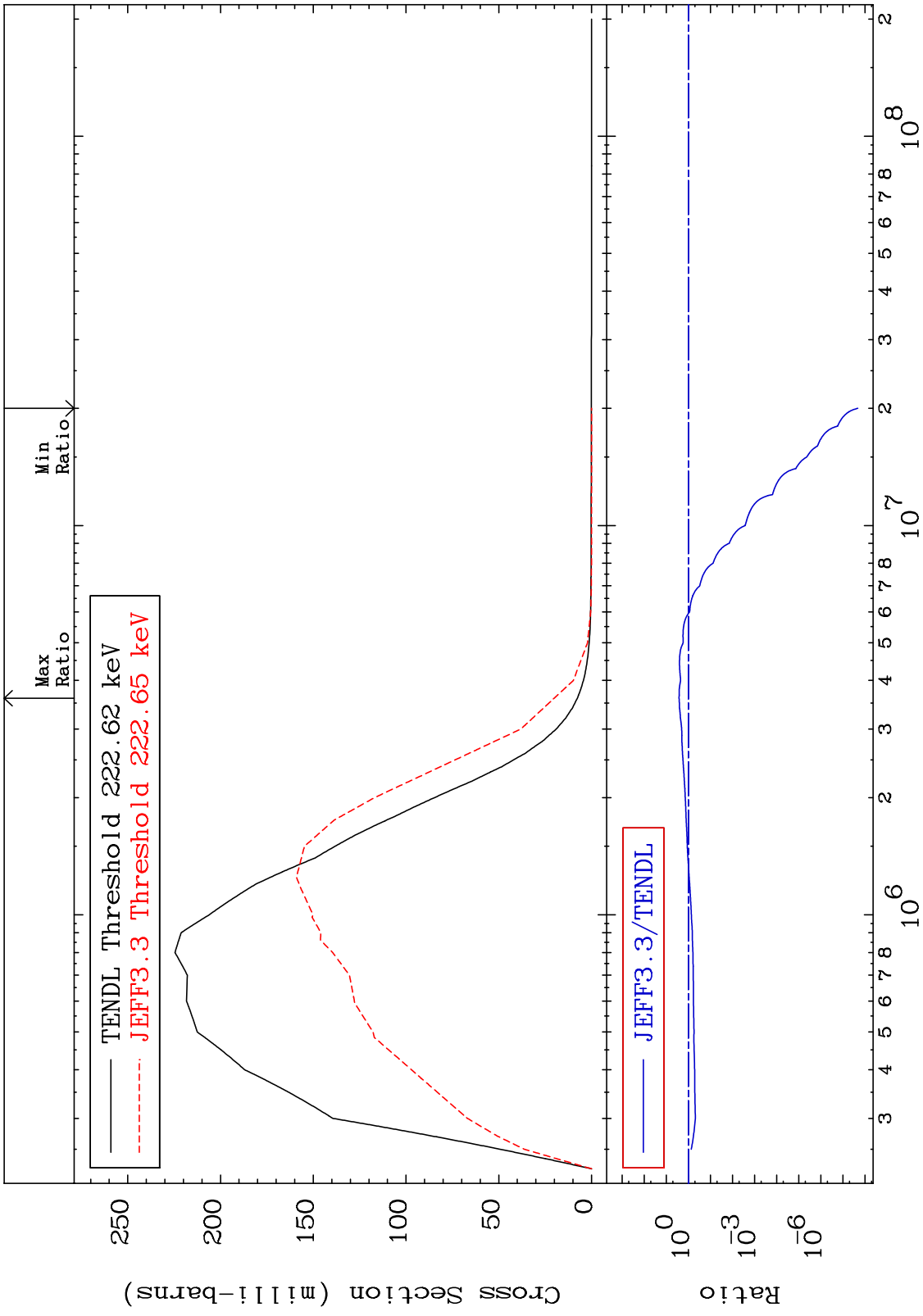




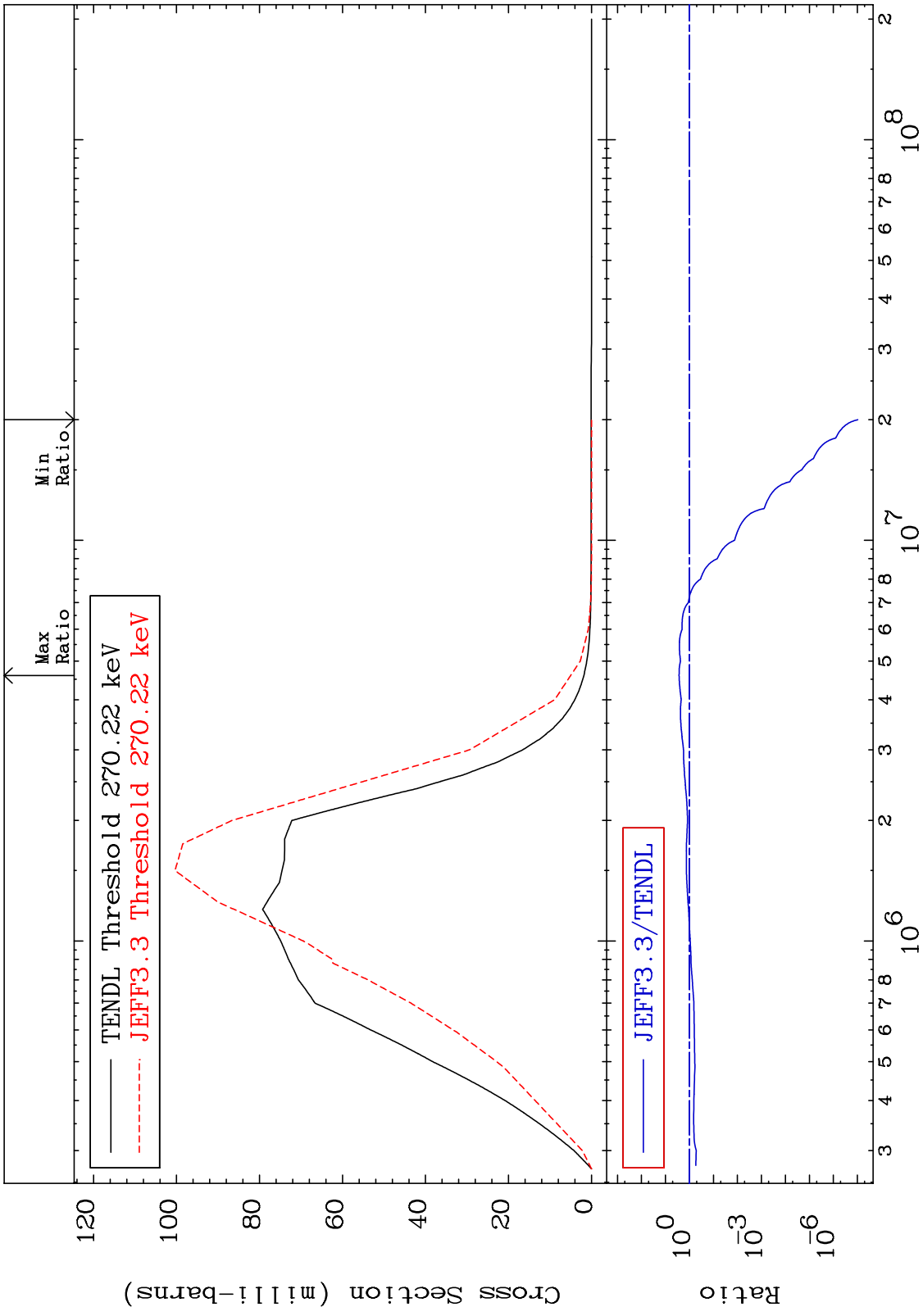
MAT 5640 (n, n') d 56-Ba-135  
Cross Section -100.0 To 2941. %



MAT 5640 MT= 51 (n,n') Level Cross Section 56-Ba-135 -100.0 To 163.6 %

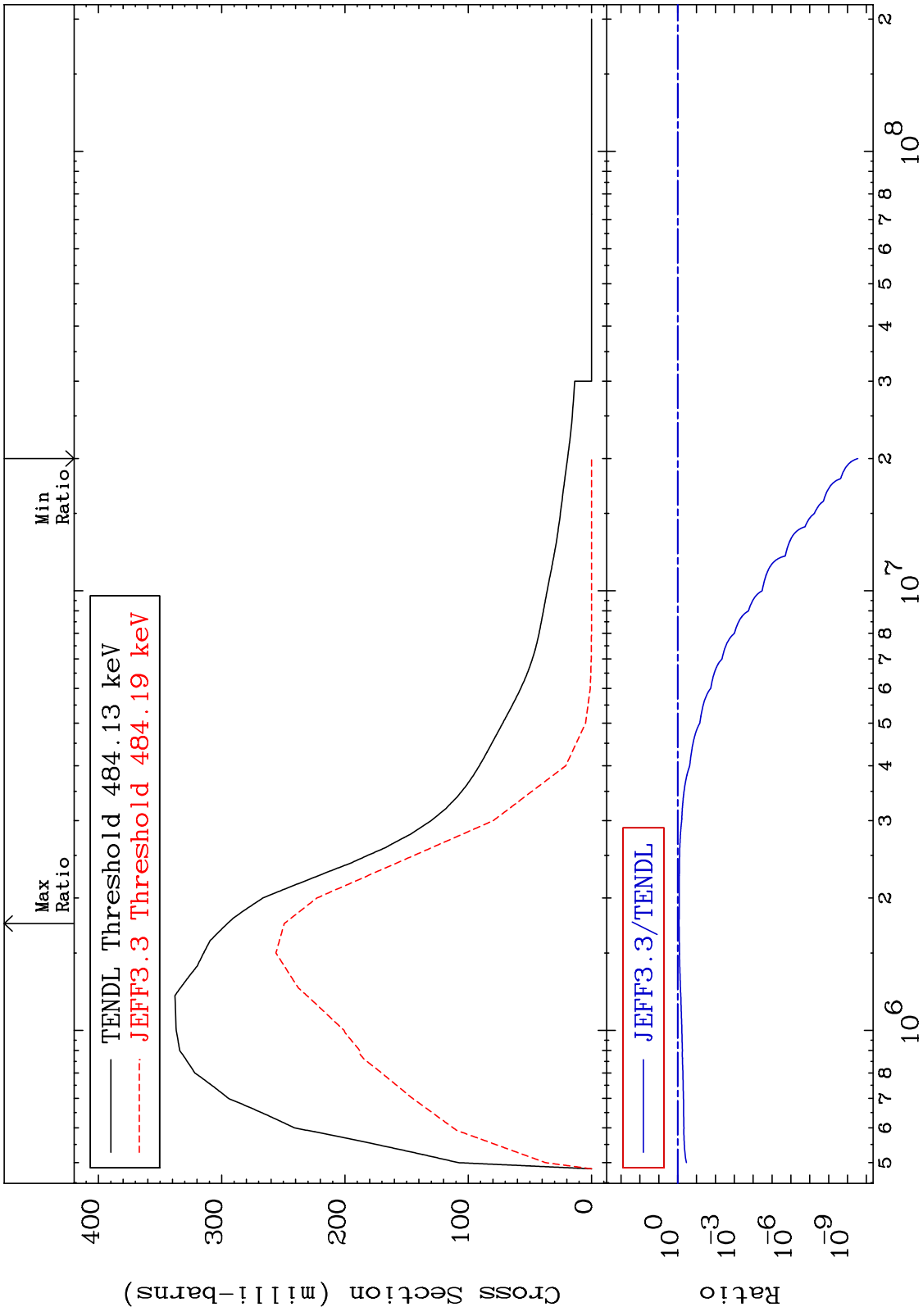


MAT 5640 MT= 52 (n,n') Level Cross Section 56-Ba-135 -100.0 To 171.2 %

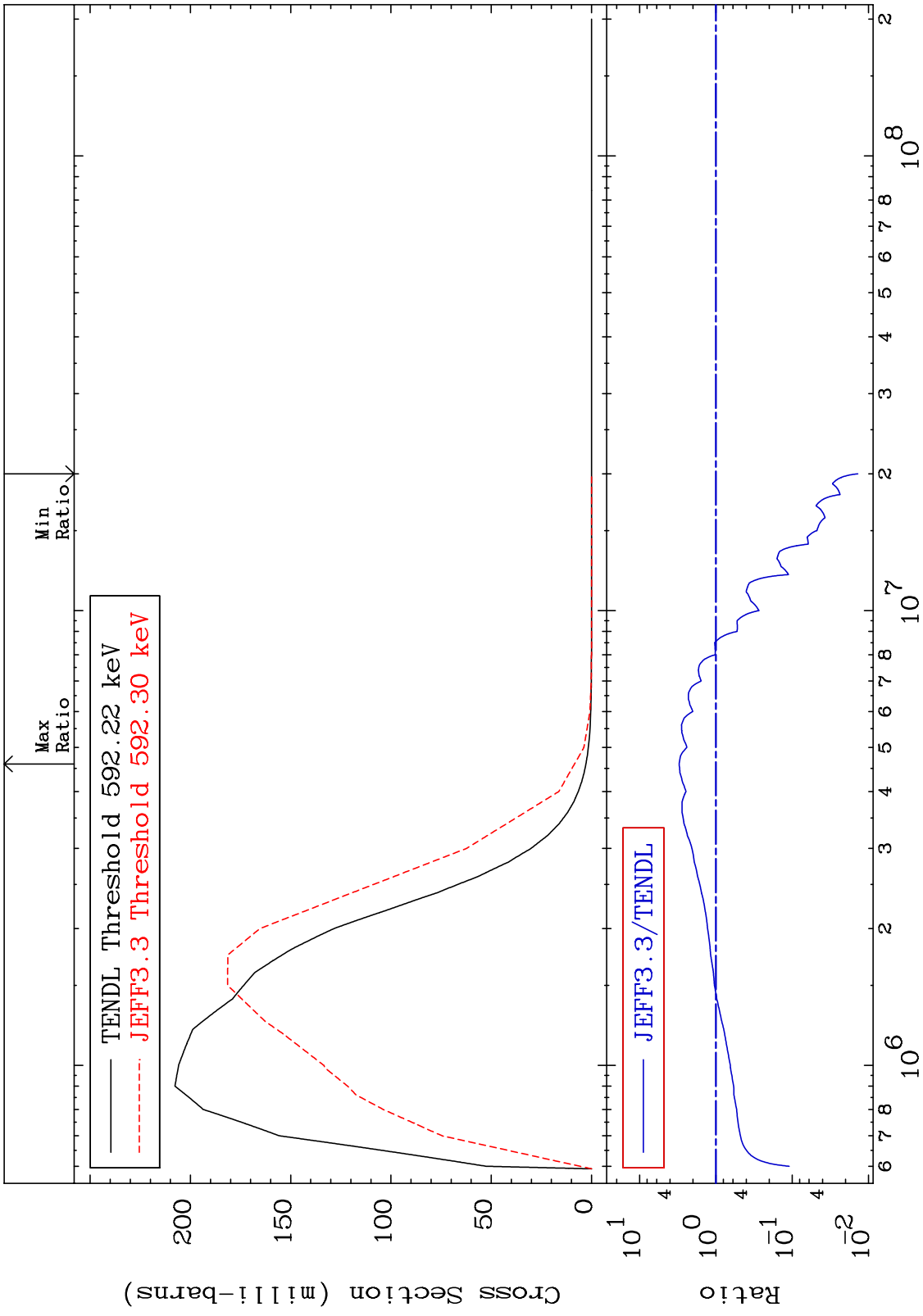


10 Incident Energy (eV) 56-Ba-135

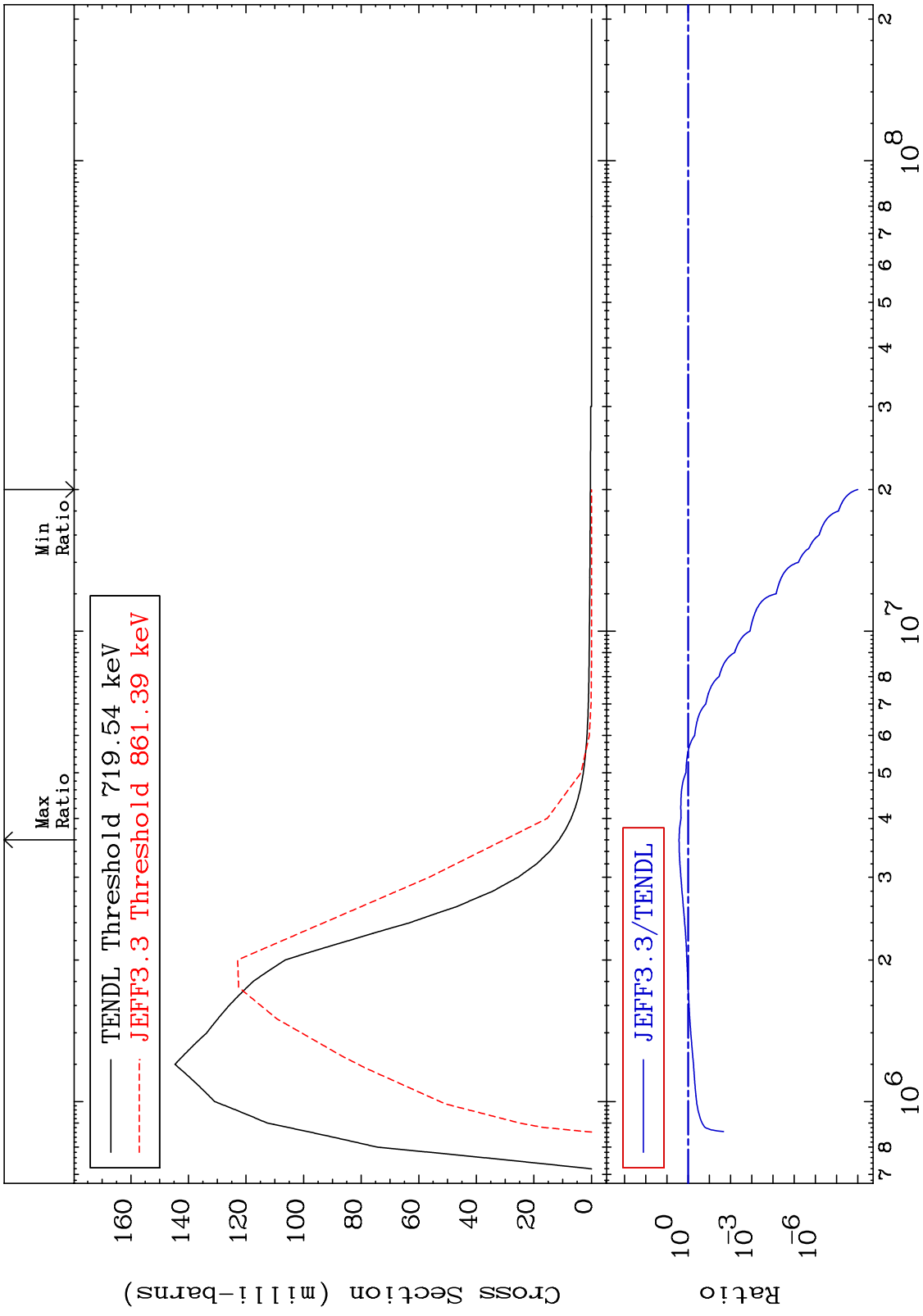
MAT 5640 MT= 53 (n,n') Level Cross Section 56-Ba-135 -100.0 To -15.60%



MAT 5640 MT= 54 (n,n') Level Cross Section 56-Ba-135  
 -98.62 To 204.8 %

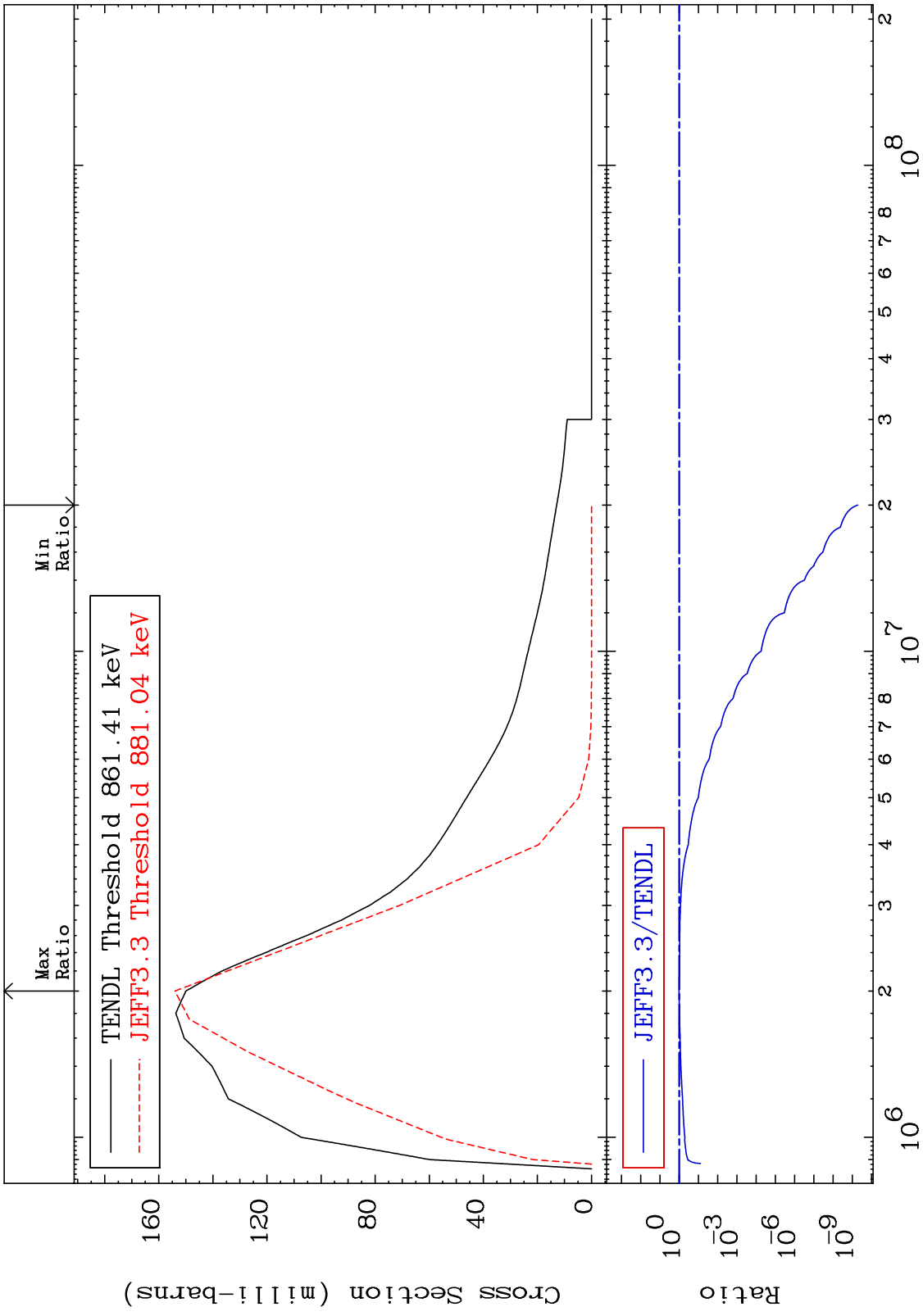


MAT 5640 MT= 55 (n,n') Level Cross Section 56-Ba-135  
 -100.0 To 169.7 %

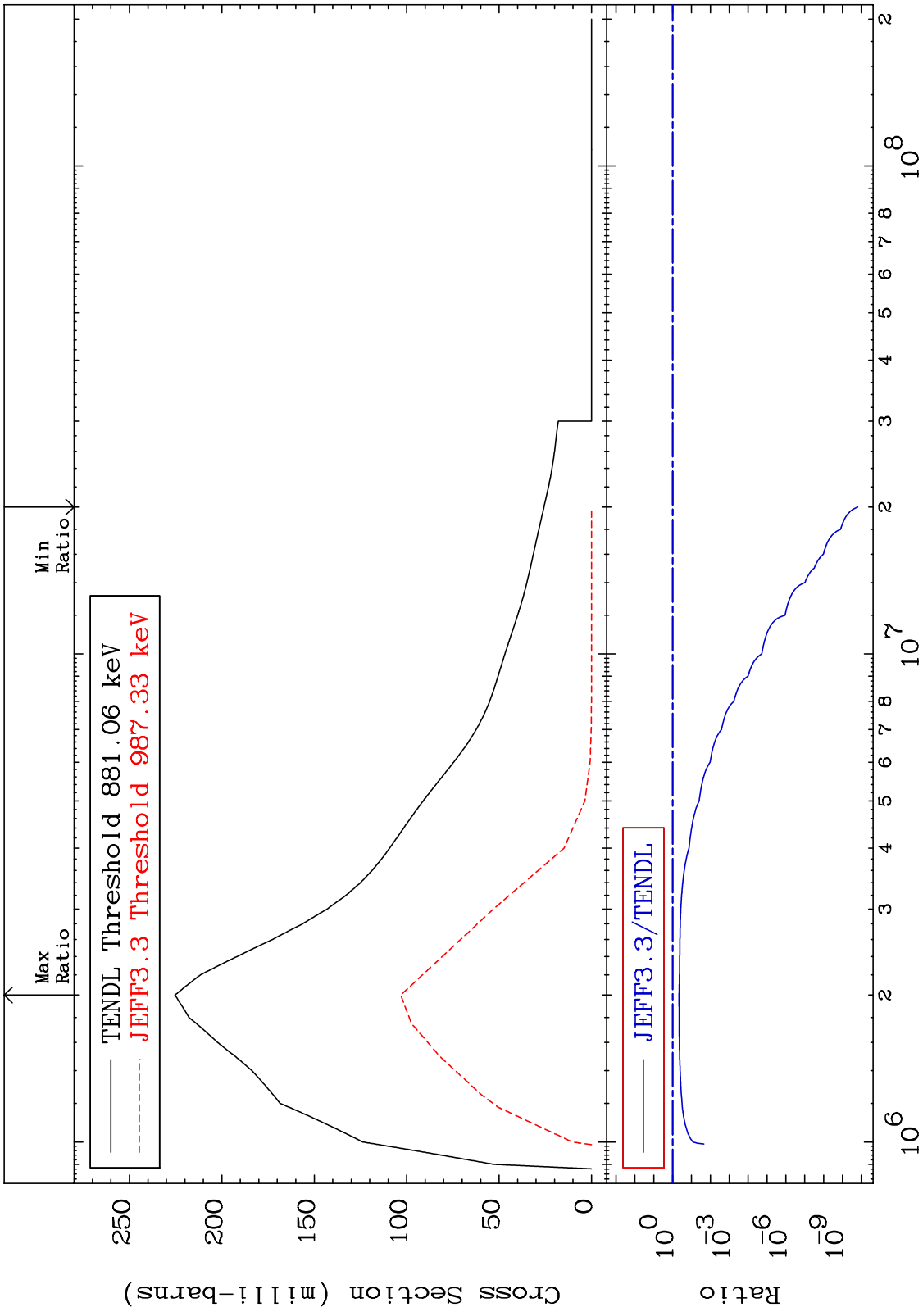


13 56-Ba-135 Incident Energy (eV)

MAT 5640 MT= 56 (n,n') Level Cross Section 56-Ba-135 -100.0 To 2.695 %



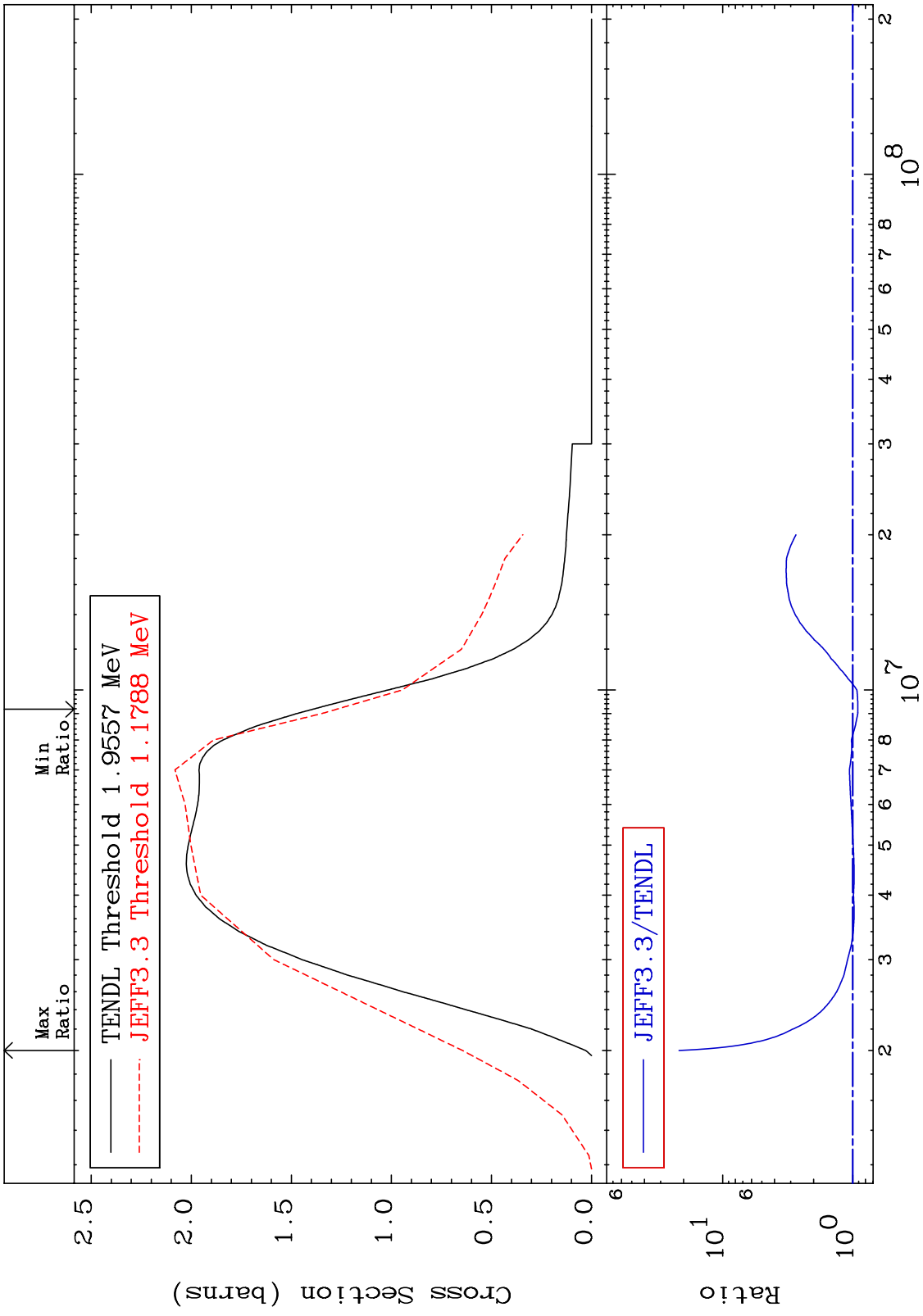
MAT 5640      MT= 57 (n,n') Level Cross Section      56-Ba-135  
 -100.0 To -54.21%



15      56-Ba-135



MAT 5640 (n,n') Continuum Cross Section 56-Ba-135 -8.536 To 2068. %



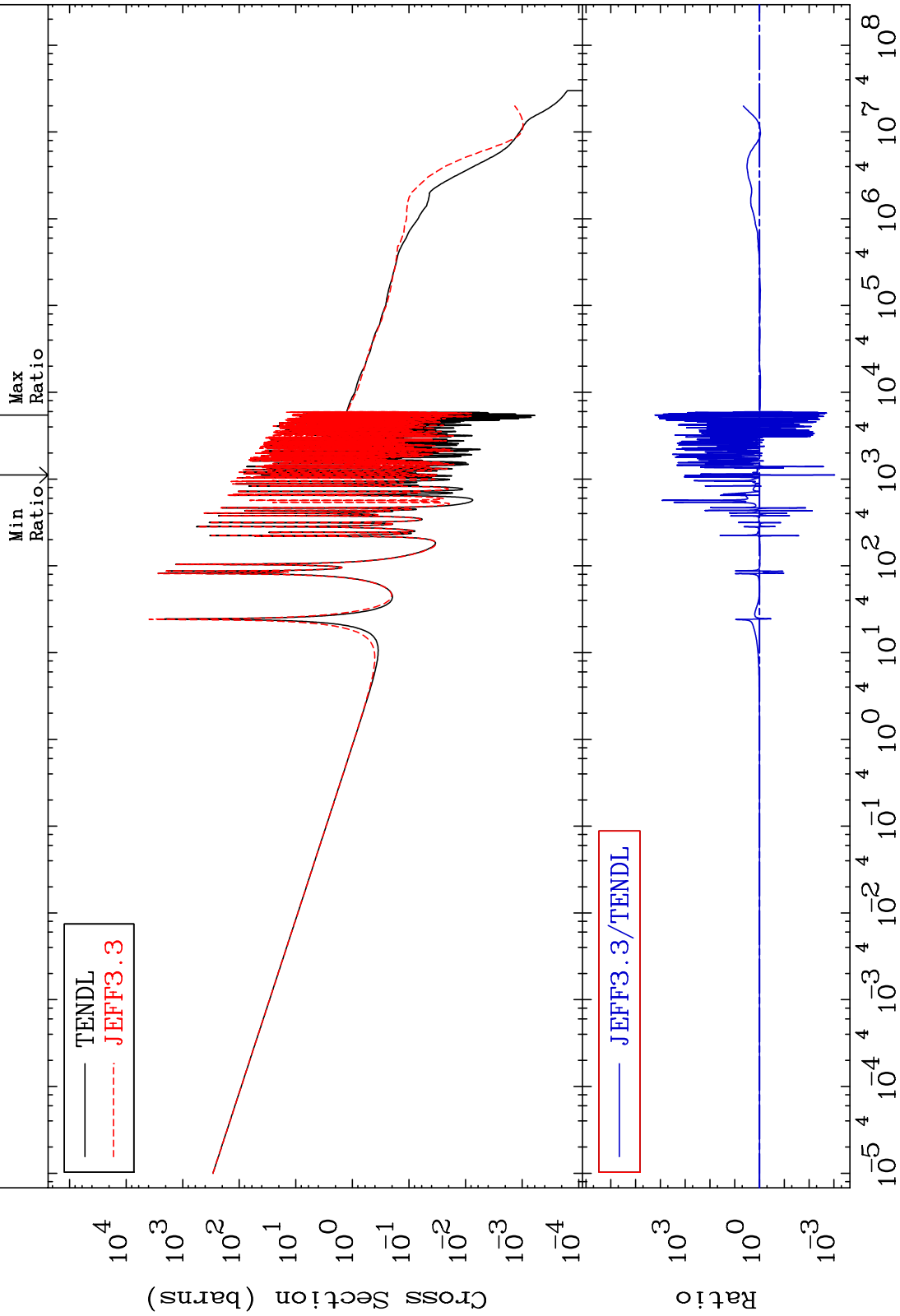
MAT 5640

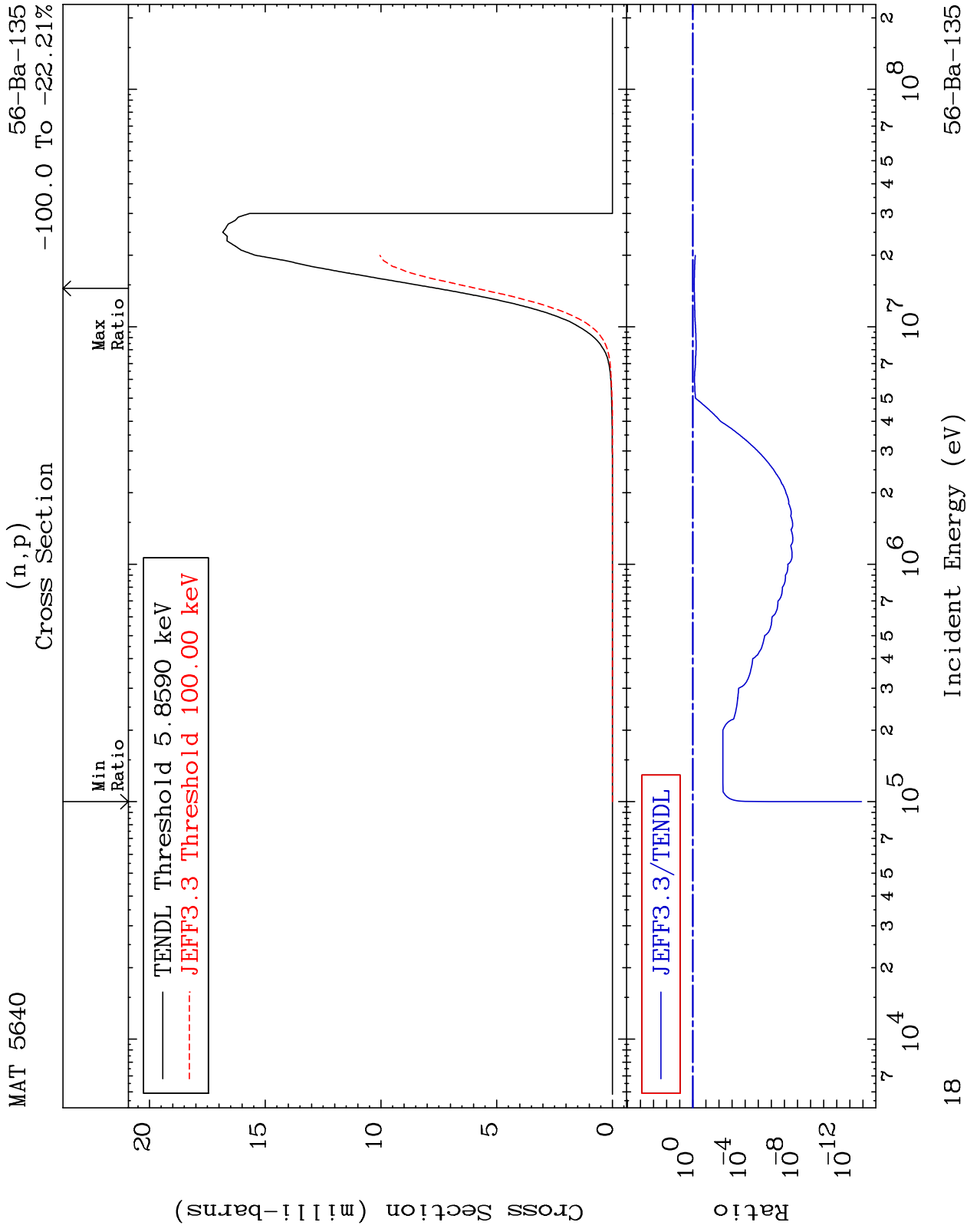
(n,  $\gamma$ )

56-Ba-135

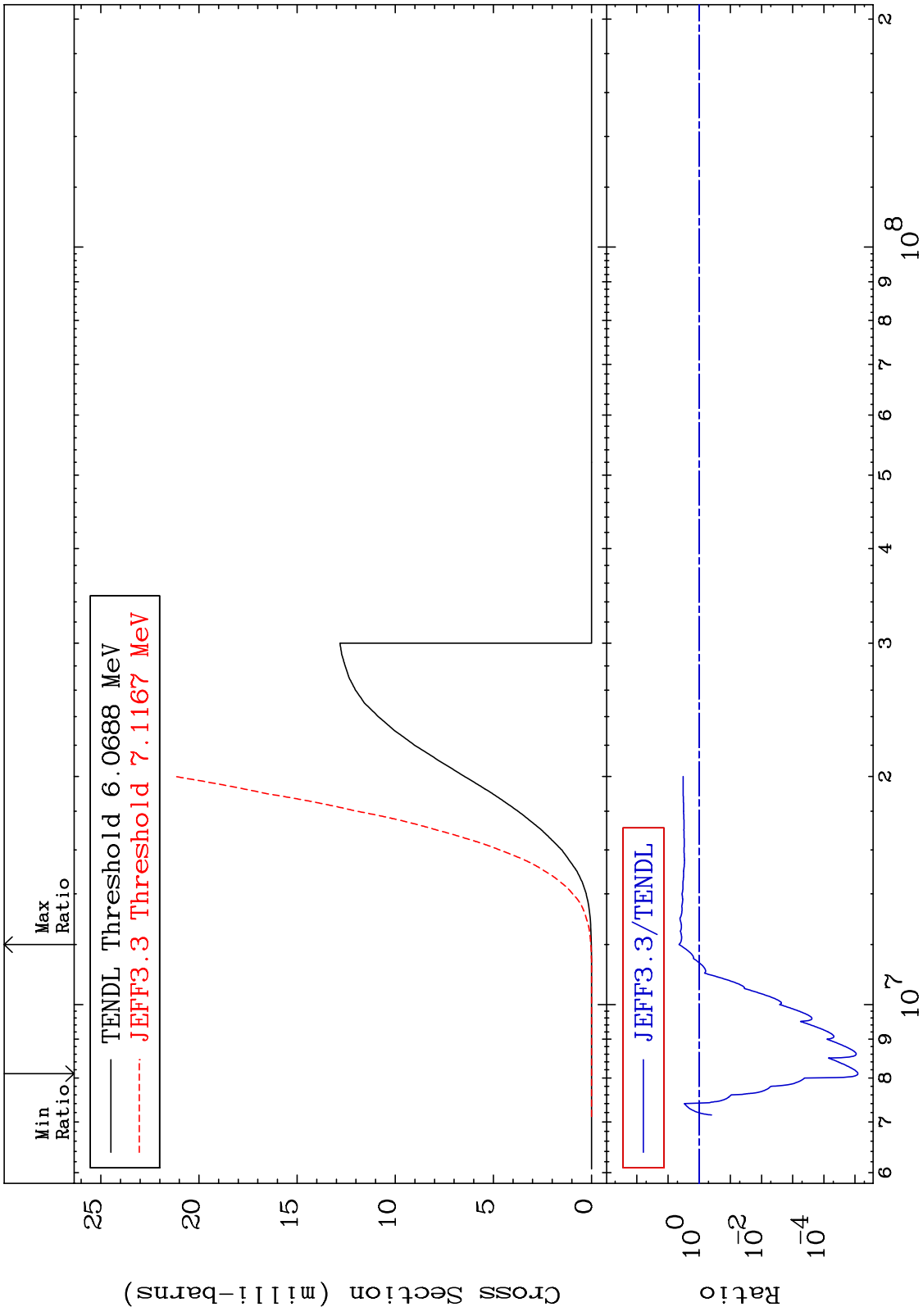
-99.91 To 9999. %

Cross Section



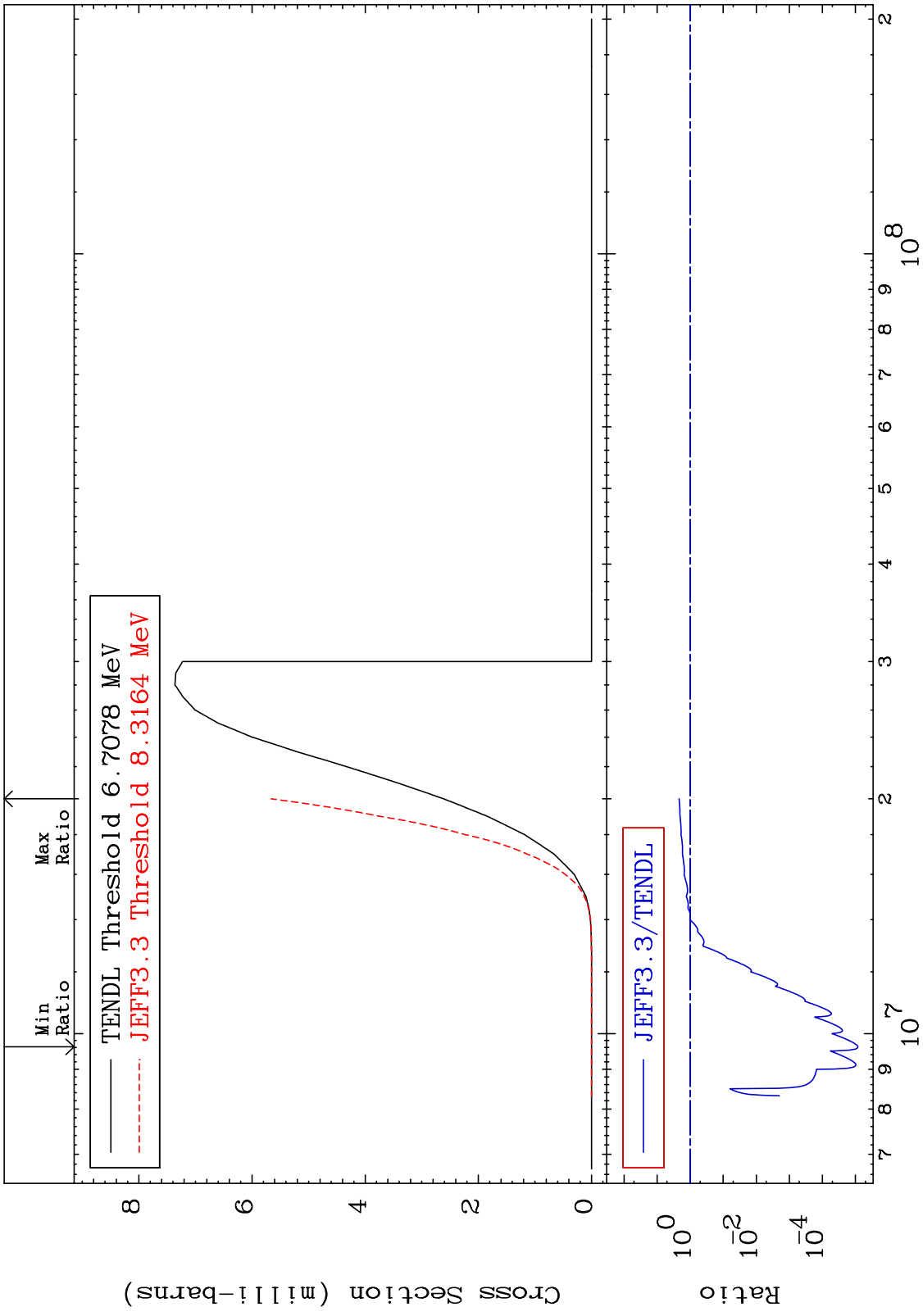


MAT 5640 56-Ba-135  
(n,d)  
Cross Section  
-100.0 To 343.2 %



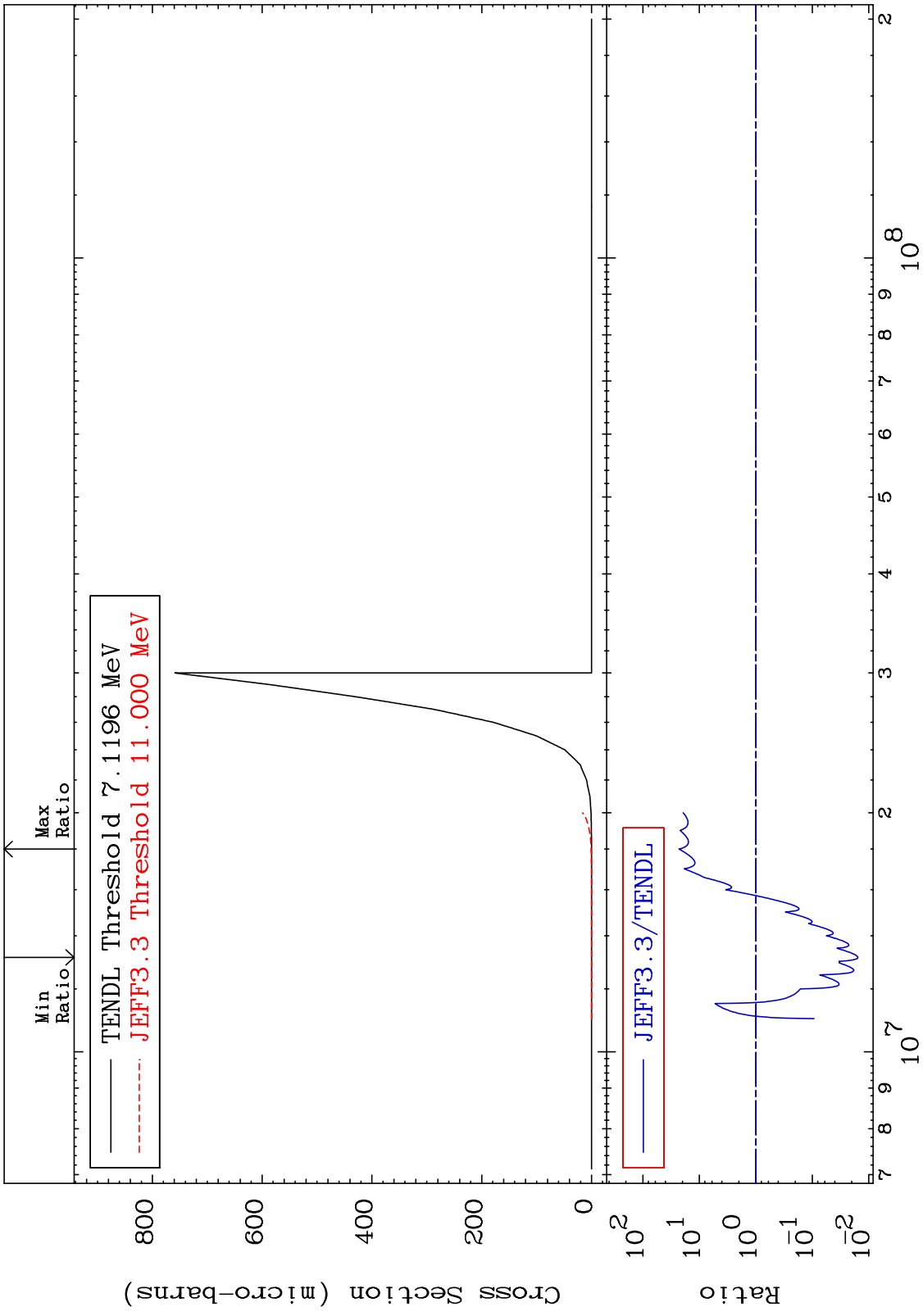
19 56-Ba-135

MAT 5640 (n,t) Cross Section 56-Ba-135 -100.0 To 116.8 %



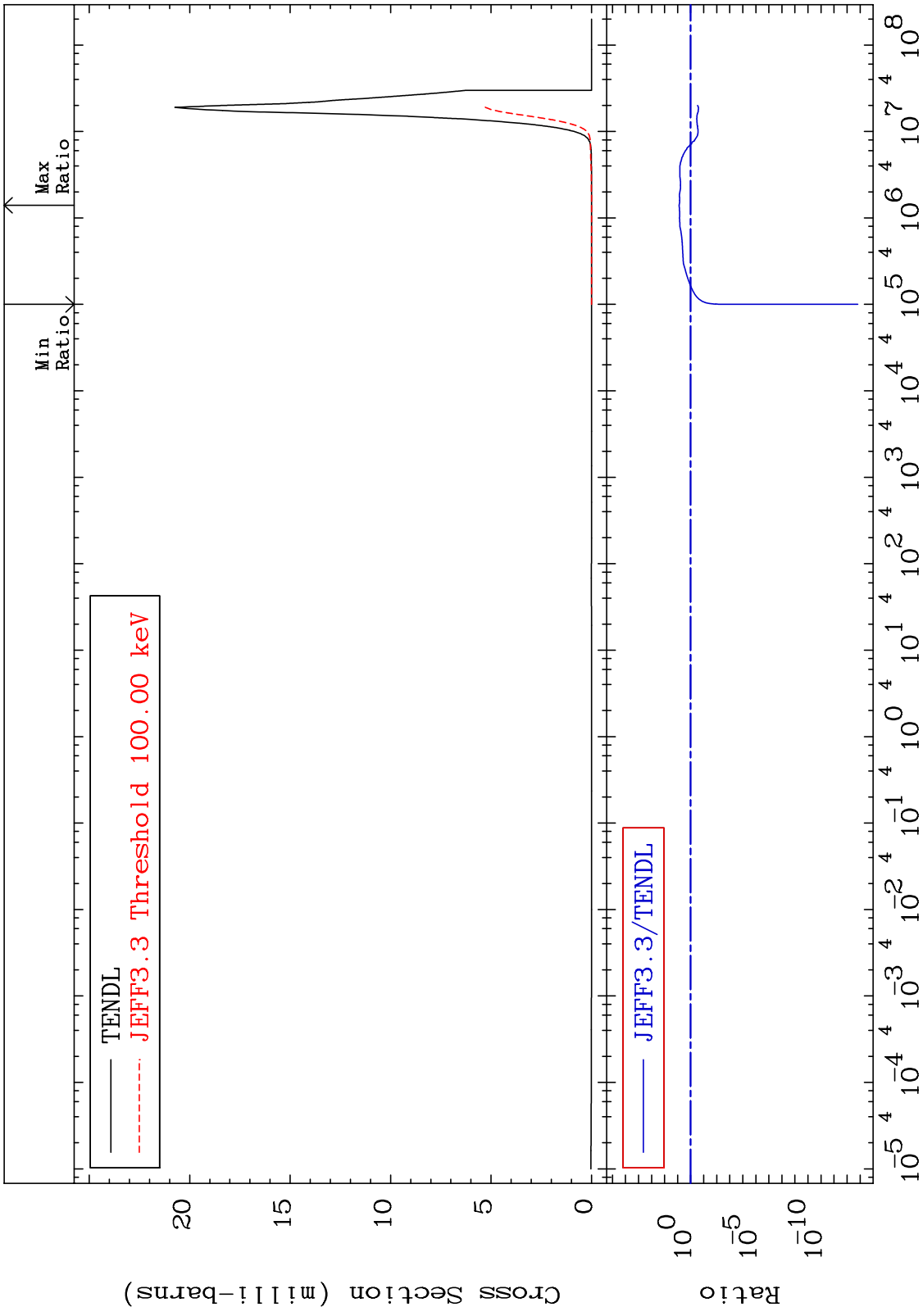
20 56-Ba-135

MAT 5640 (n, He-3) 56-Ba-135  
 Cross Section -98.44 To 2191. %

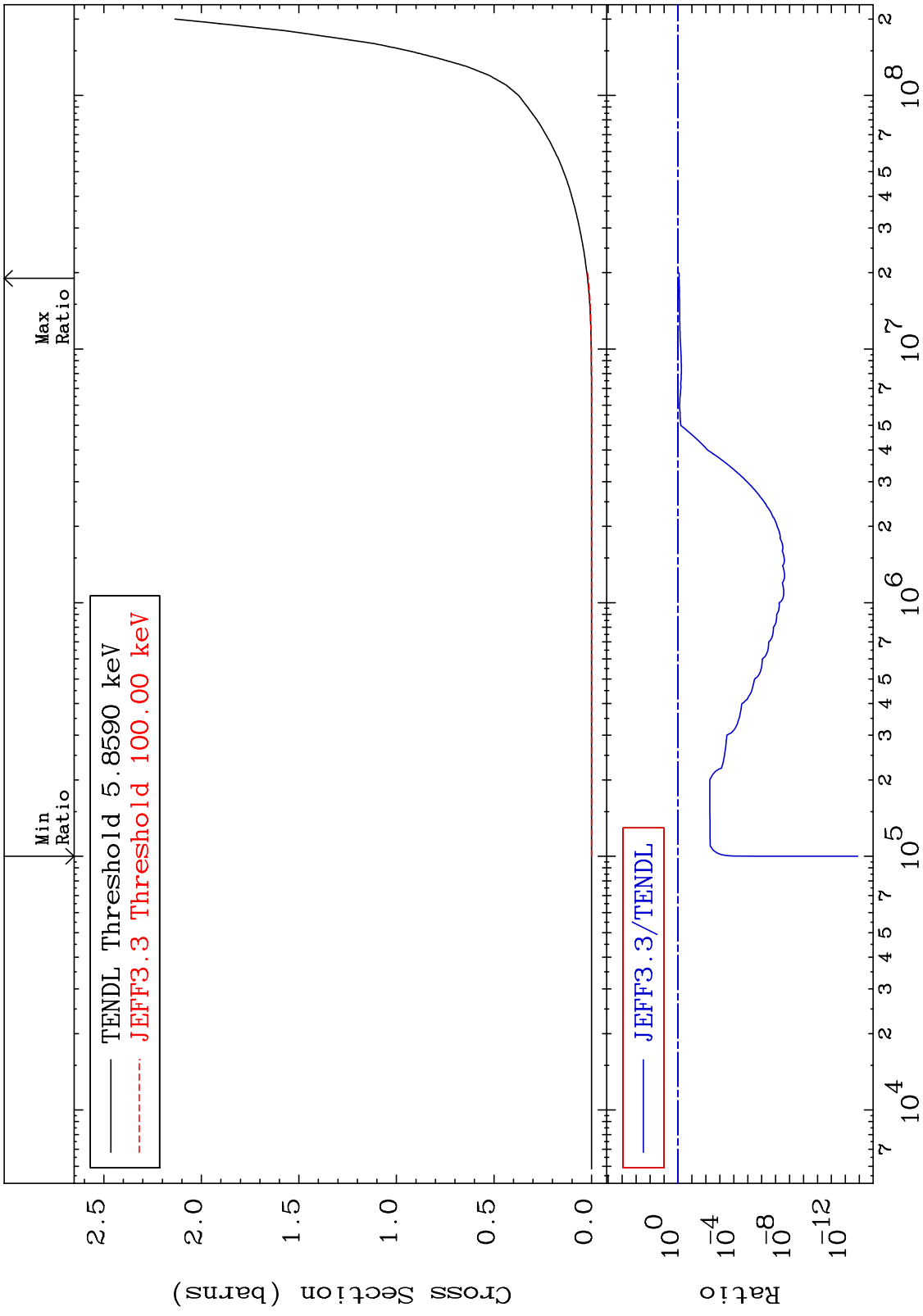


21 56-Ba-135 Incident Energy (eV)

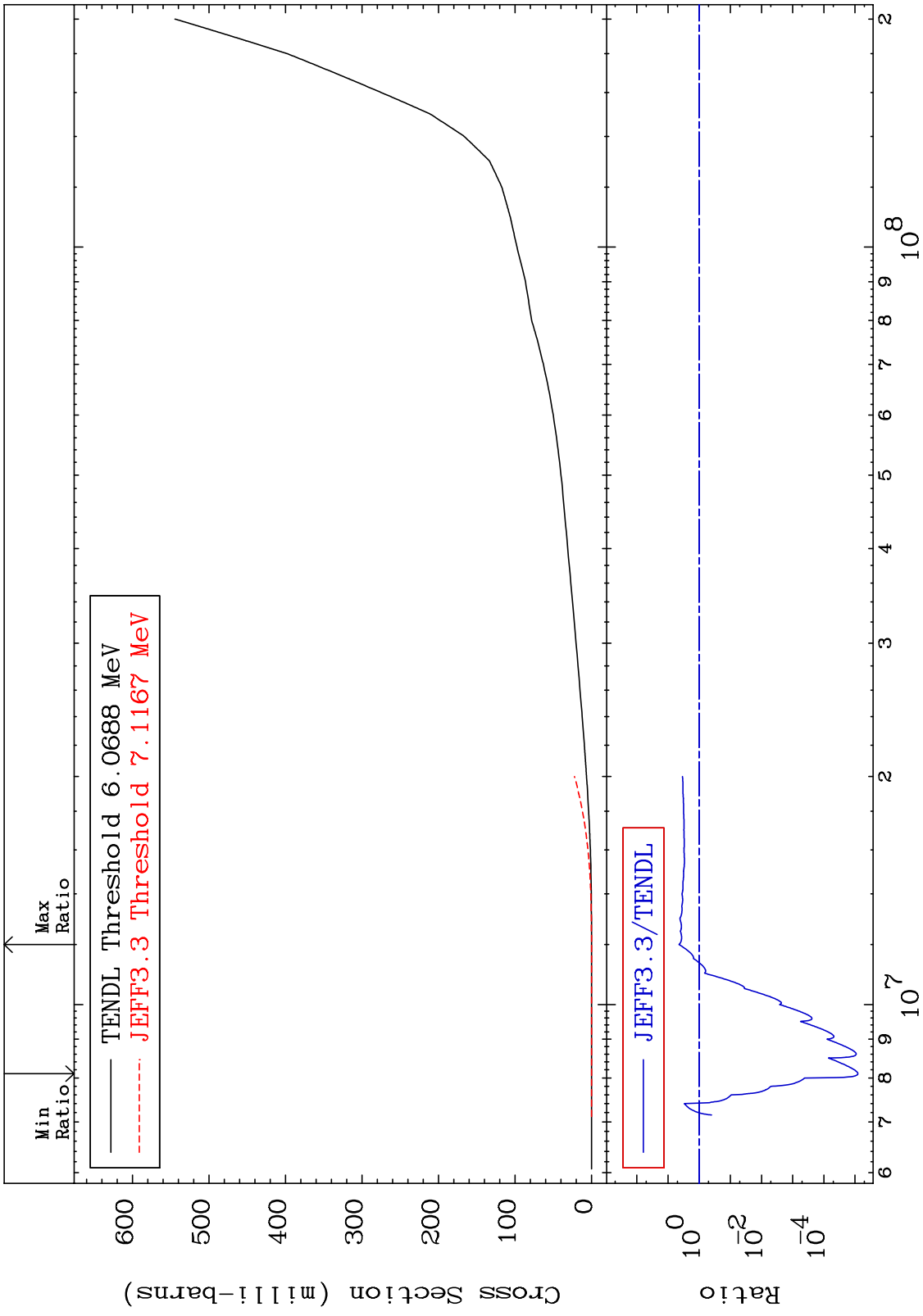
MAT 5640  $(n, \alpha)$  Cross Section  $^{56}\text{Ba-135}$   
 -100.0 To 678.2 %



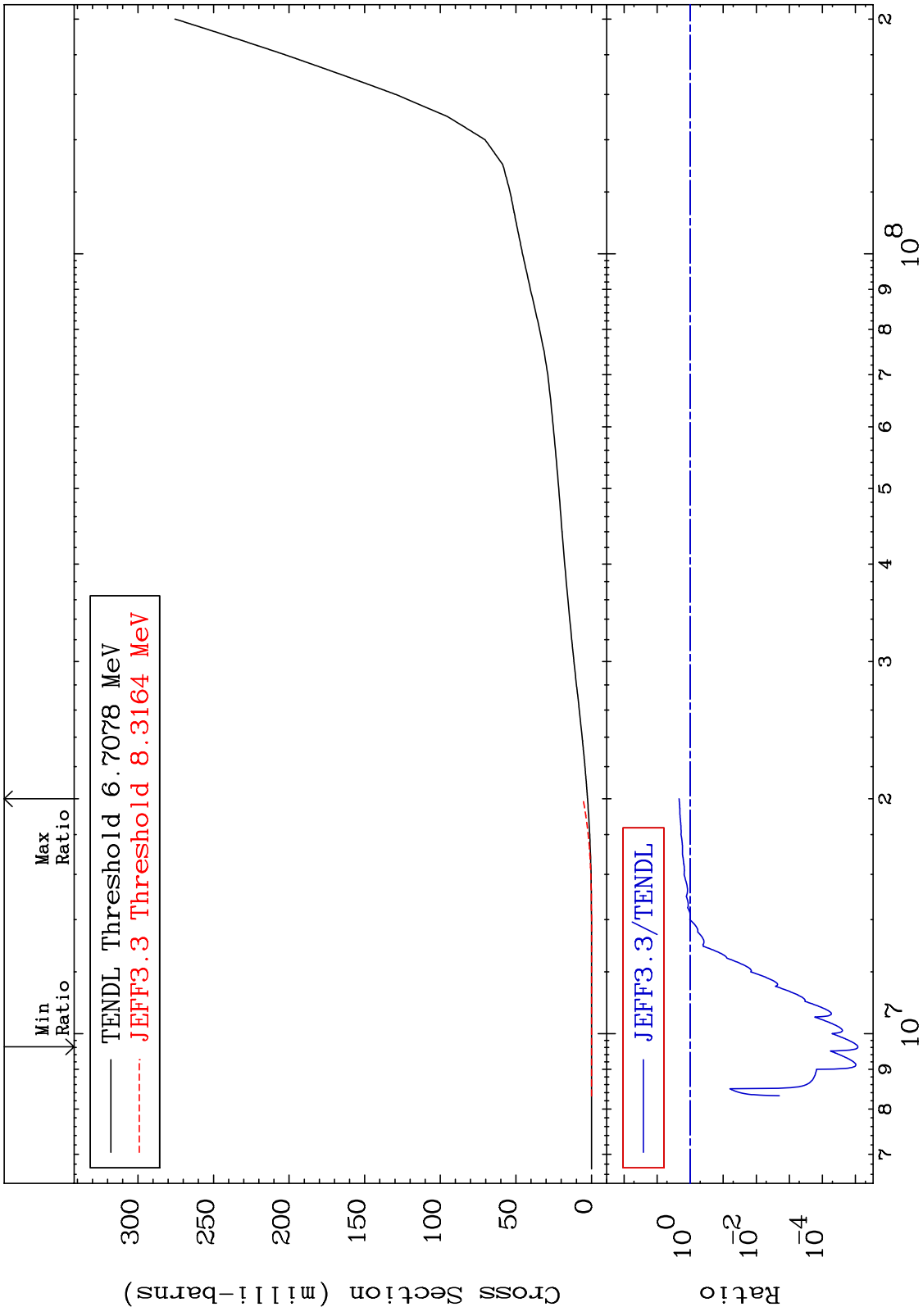
MAT 5640 Hydrogen Production Cross Section 56-Ba-135 -100.0 To -16.16%







MAT 5640 Tritium Production Cross Section 56-Ba-135  
 -100.0 To 116.8 %

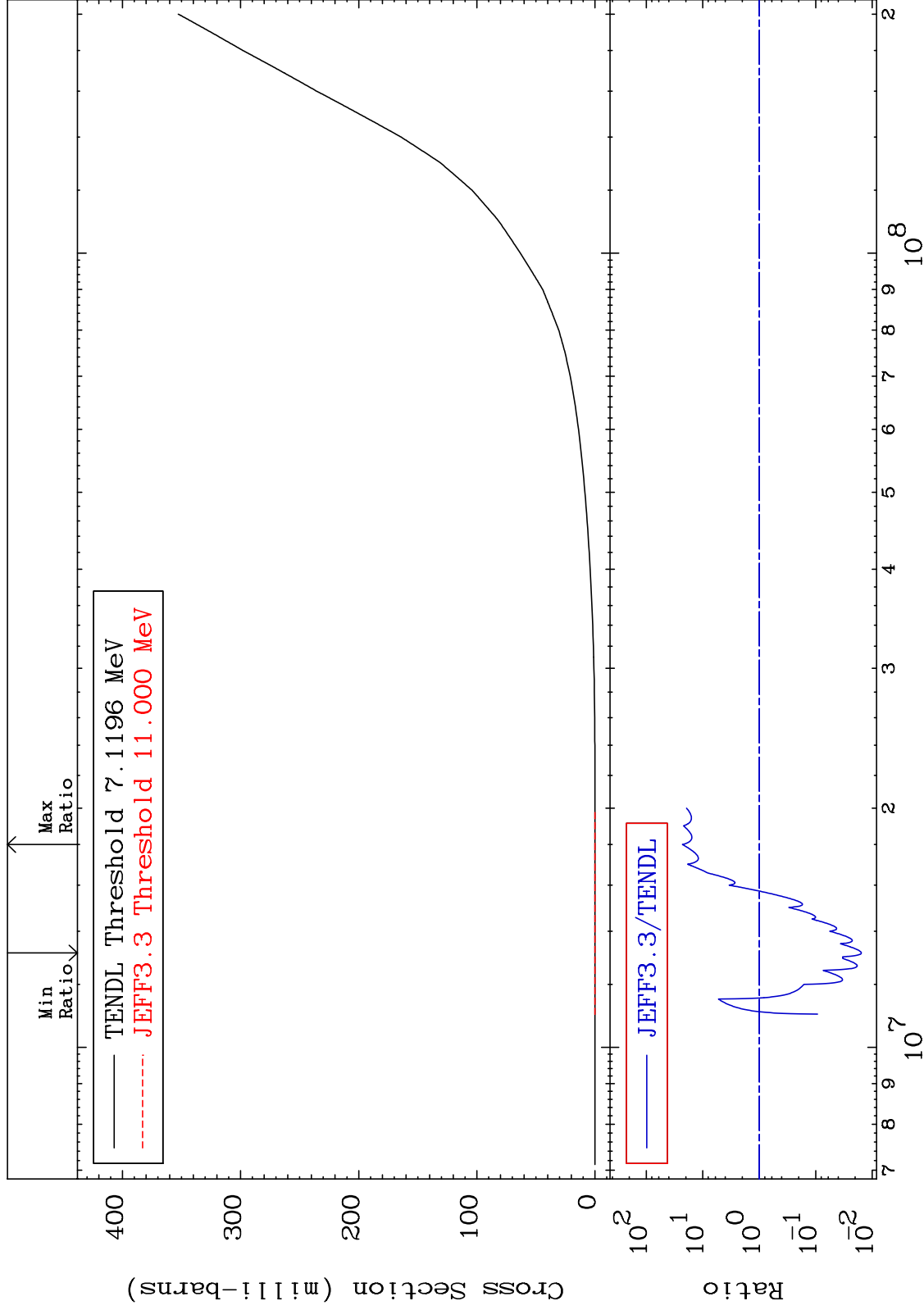


Incident Energy (eV) 56-Ba-135

MAT 5640

He-3 Production  
Cross Section

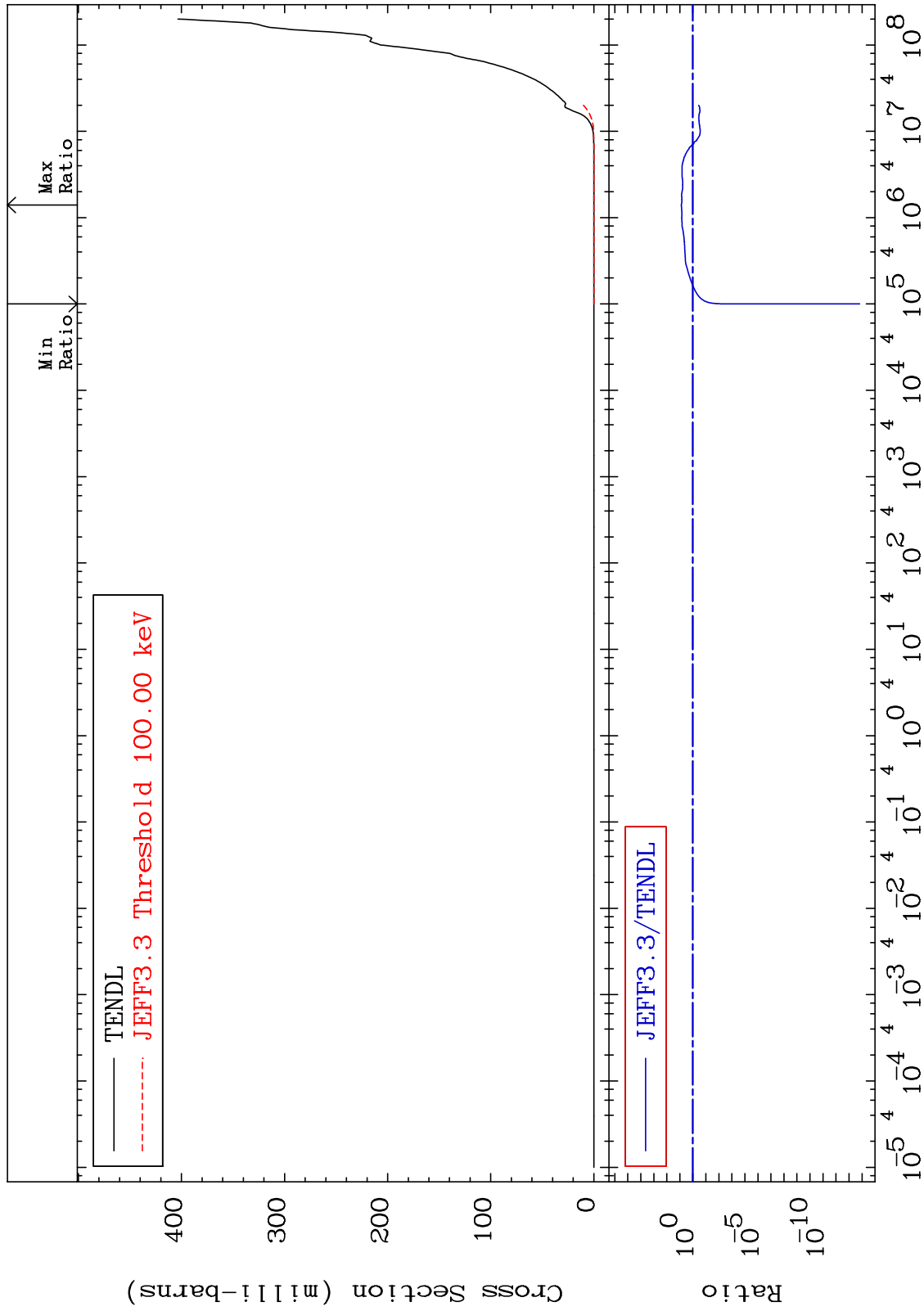
56-Ba-135  
-98.44 To 2191. %



MAT 5640

He-4 Production  
Cross Section

56-Ba-135  
-100.0 To 678.2 %

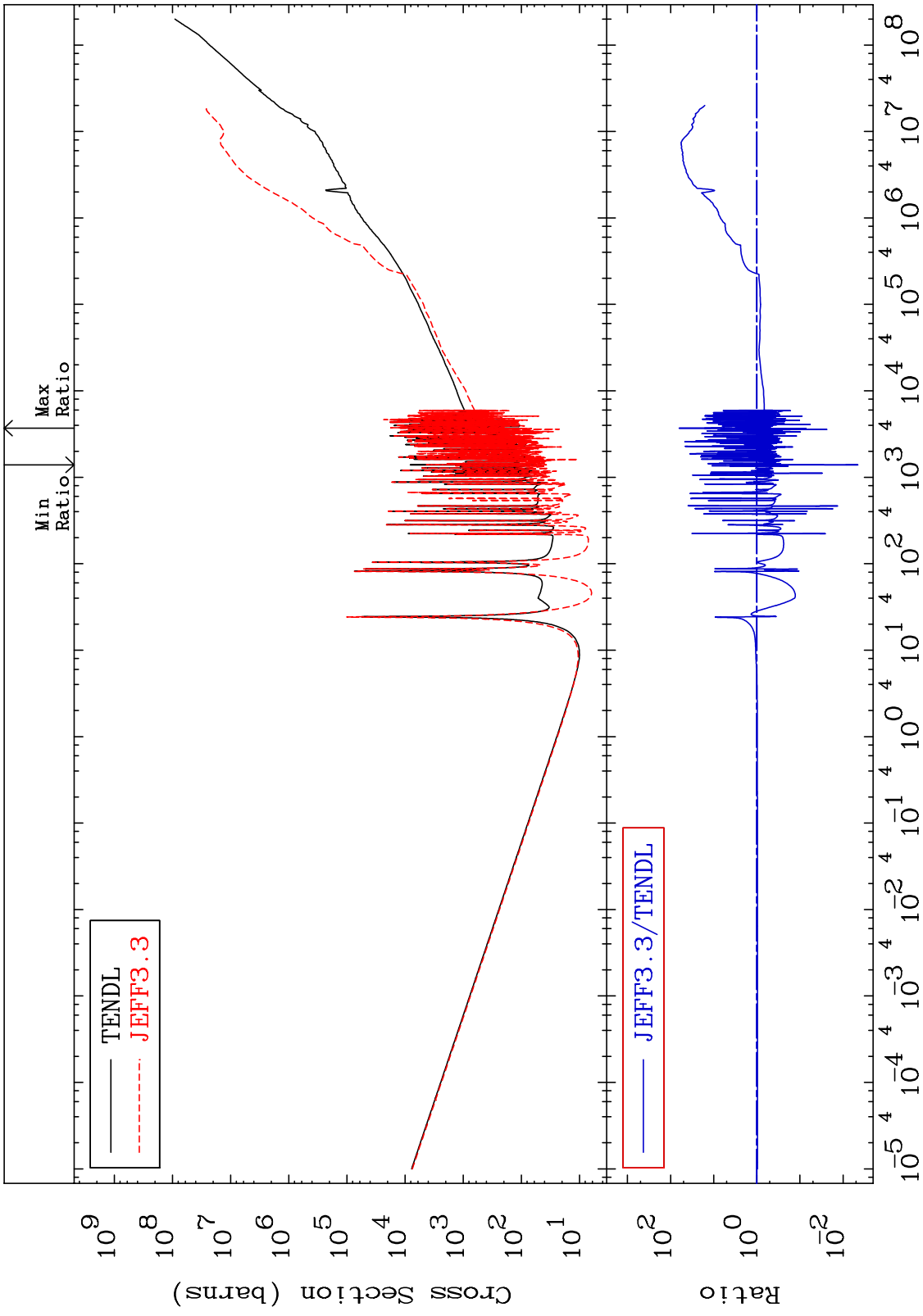


27

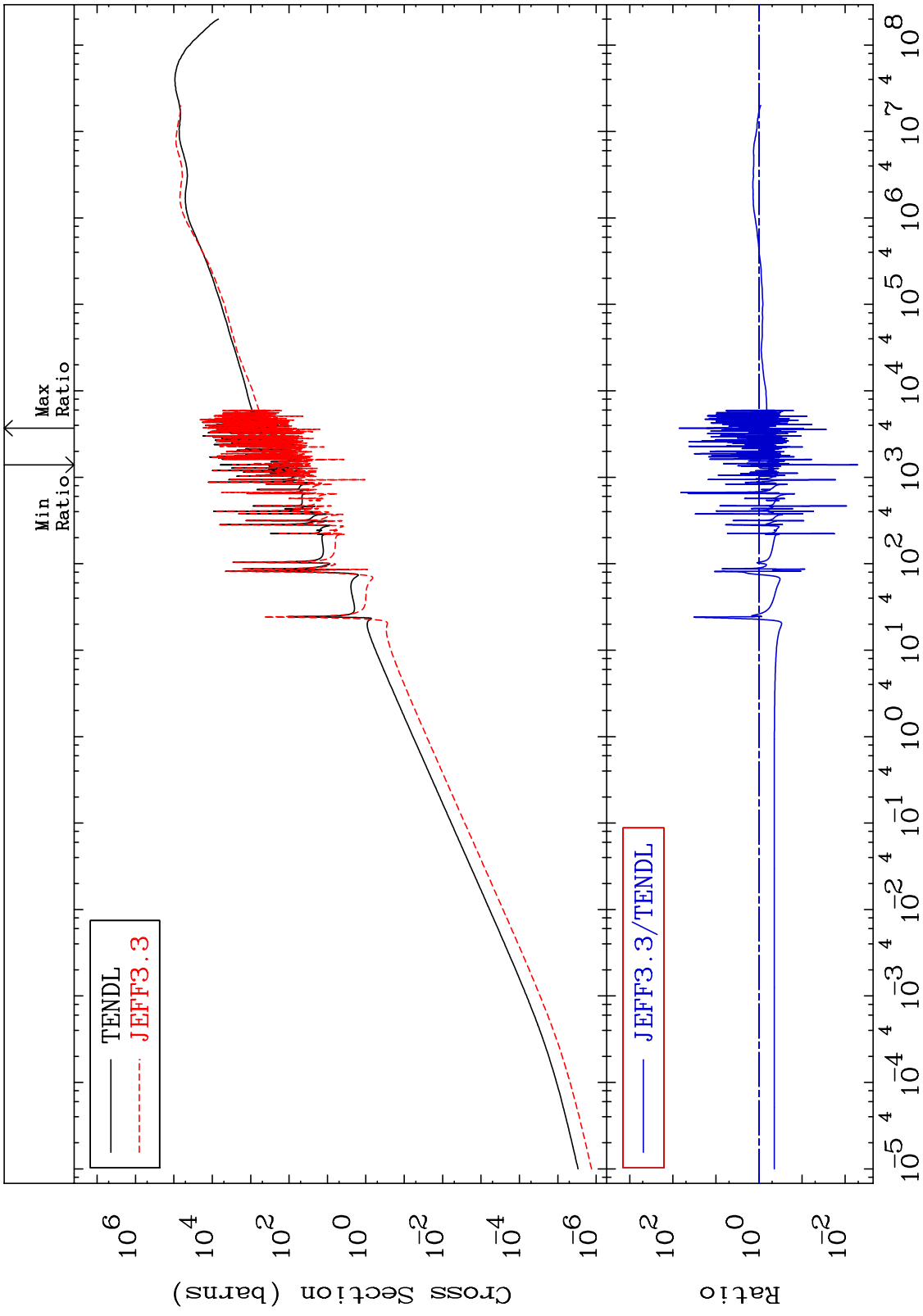
Incident Energy (eV)

56-Ba-135

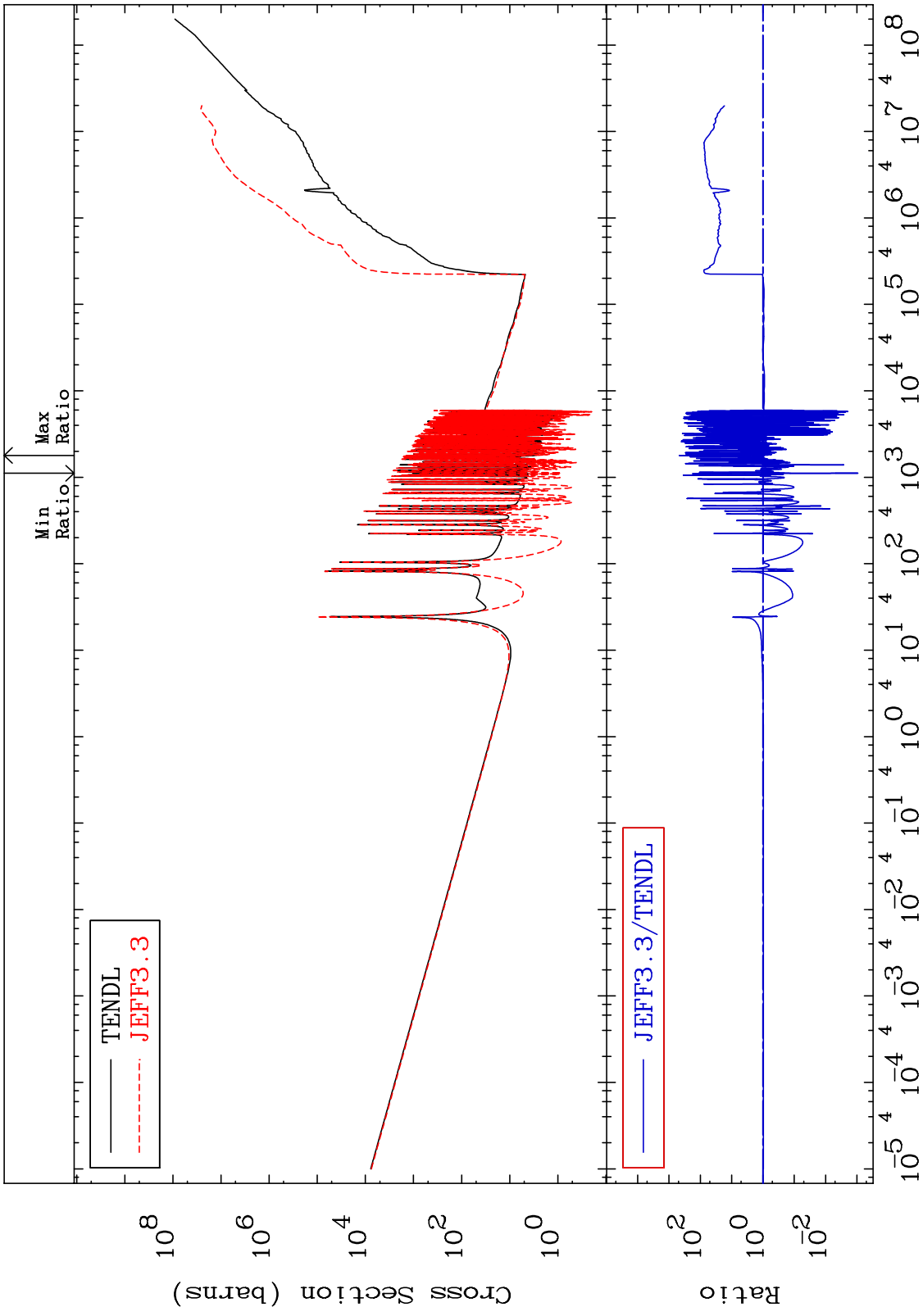
MAT 5640 Kerma total (eV-barns) 56-Ba-135  
 Cross Section -99.55 To 6257. %



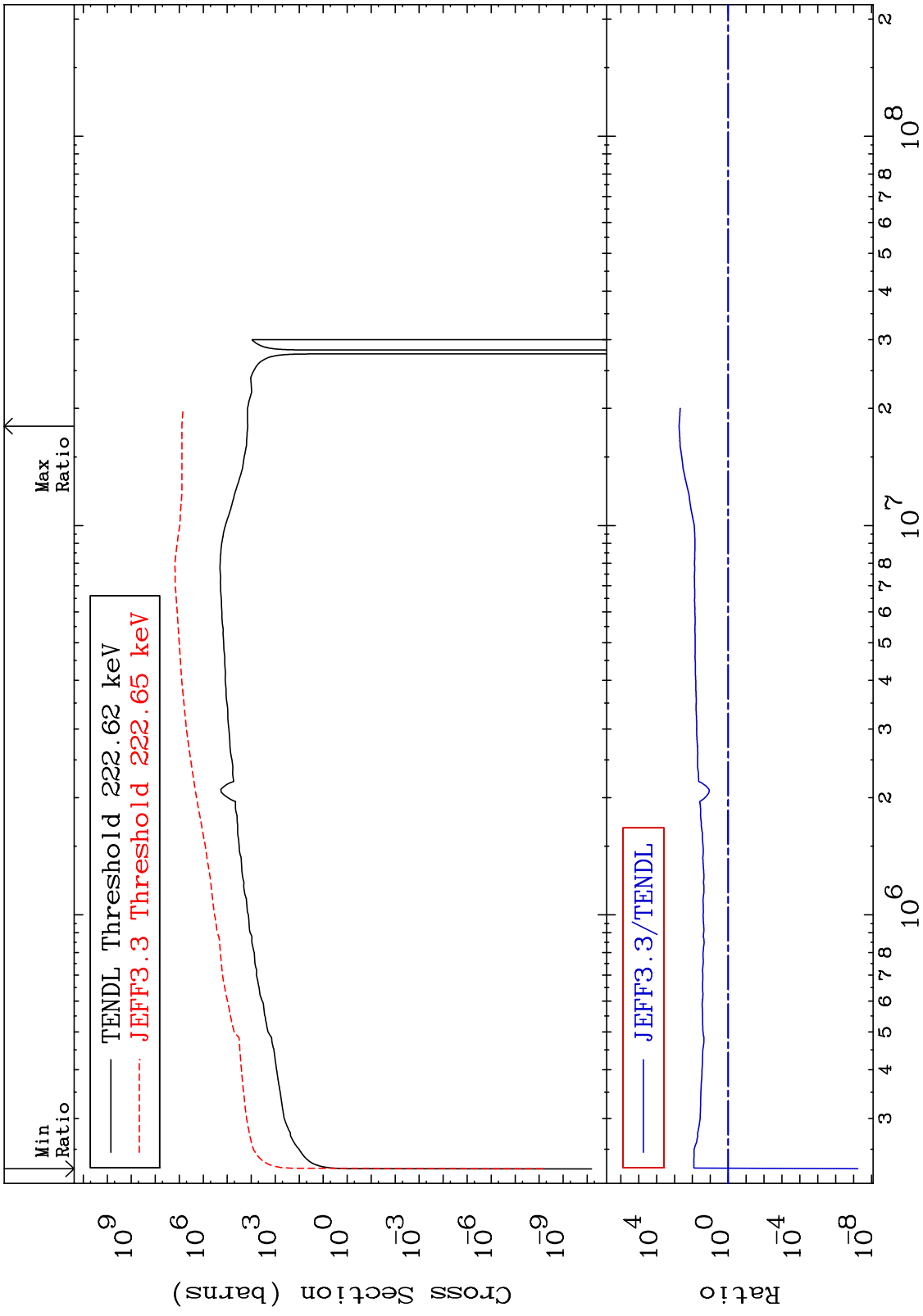
MAT 5640 56-Ba-135  
-99.49 To 7102. %  
 Kerma elastic Cross Section



MAT 5640 Kerma non-elastic (all but mt2) 56-Ba-135  
 Cross Section -99.91 To 9999. %



MAT 5640 Kerma inelastic (mt51-91) 56-Ba-135  
 -100.0 To 9999. %

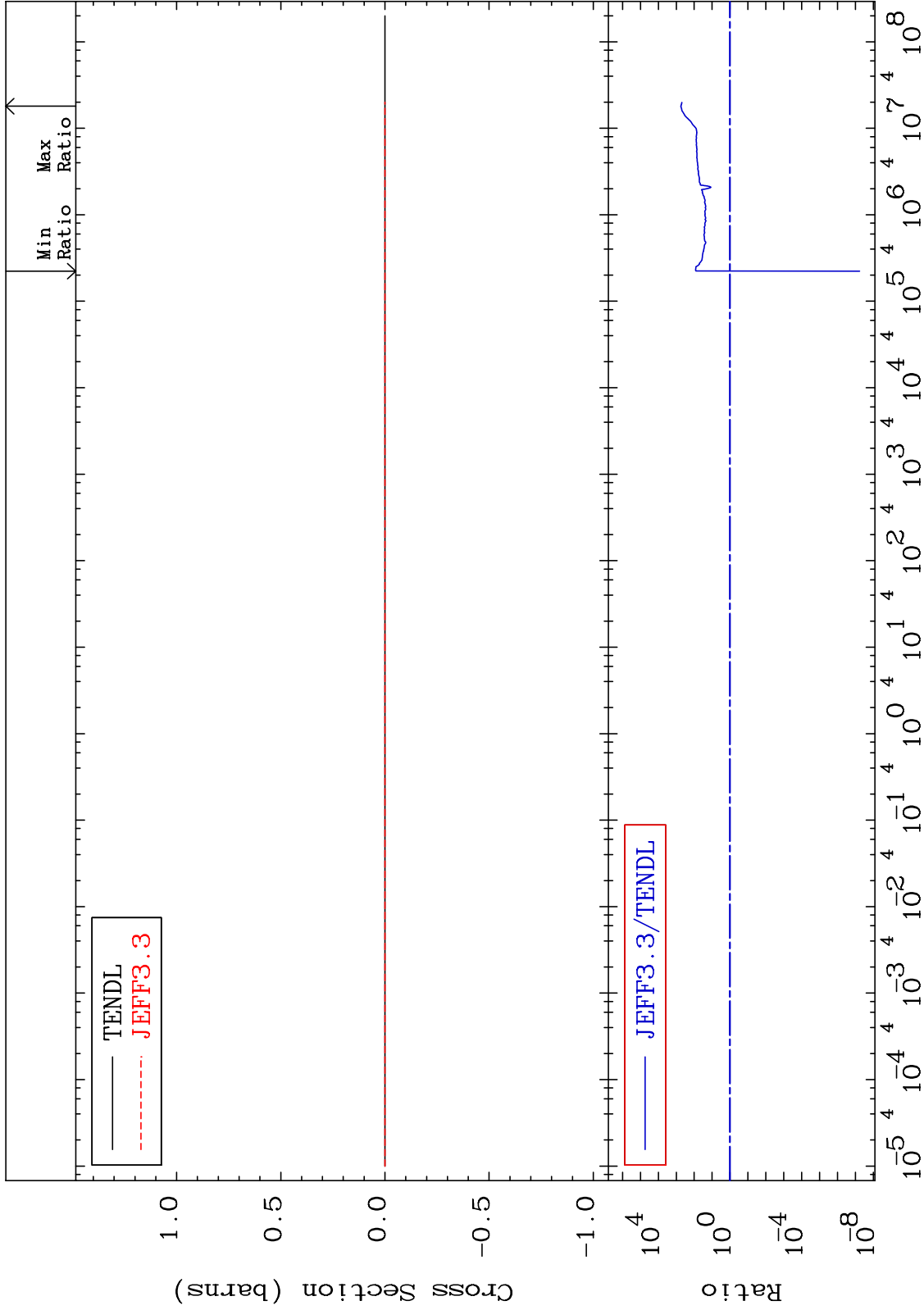




MAT 5640

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

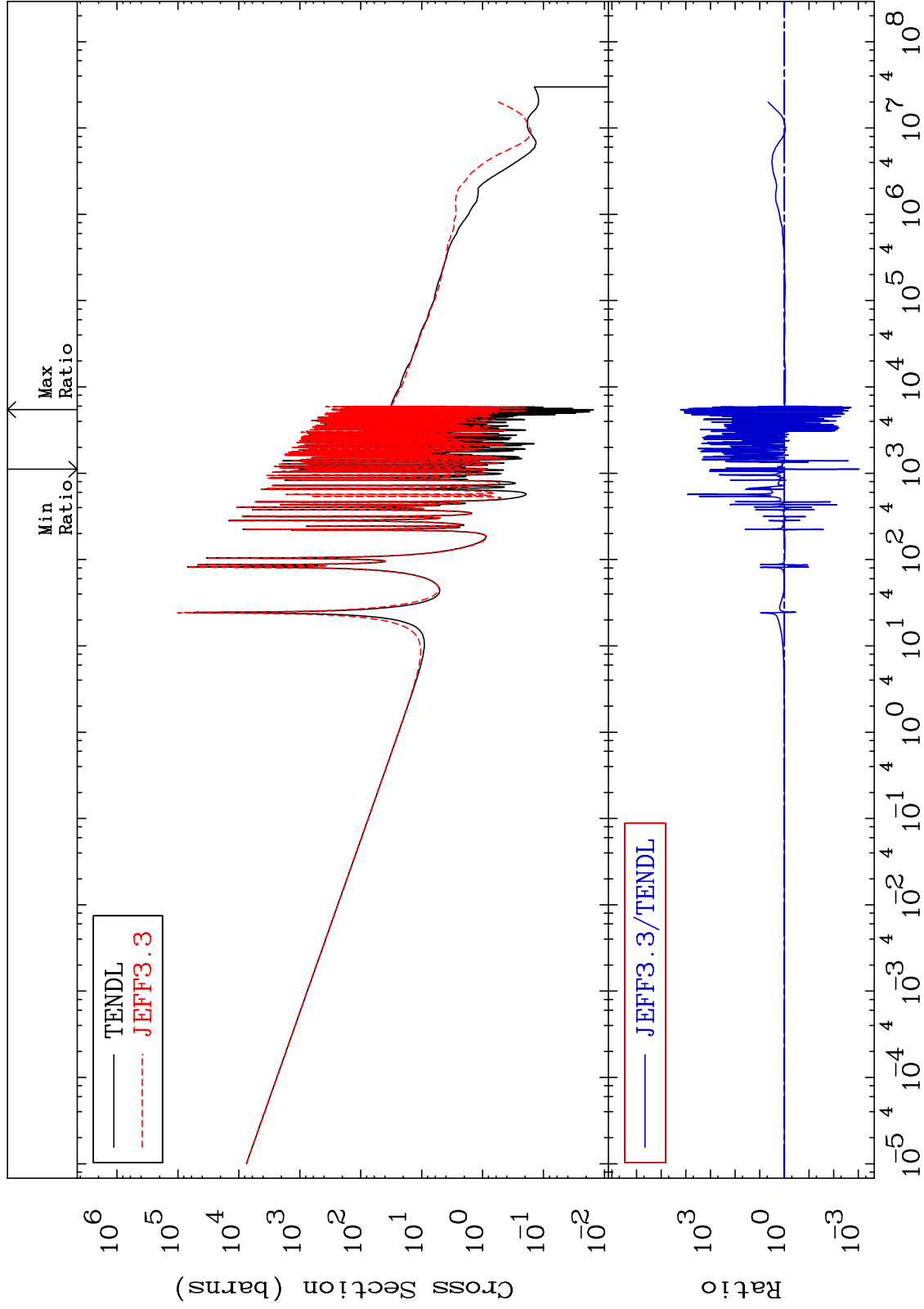
56-Ba-135  
-100.0 To 9999. %



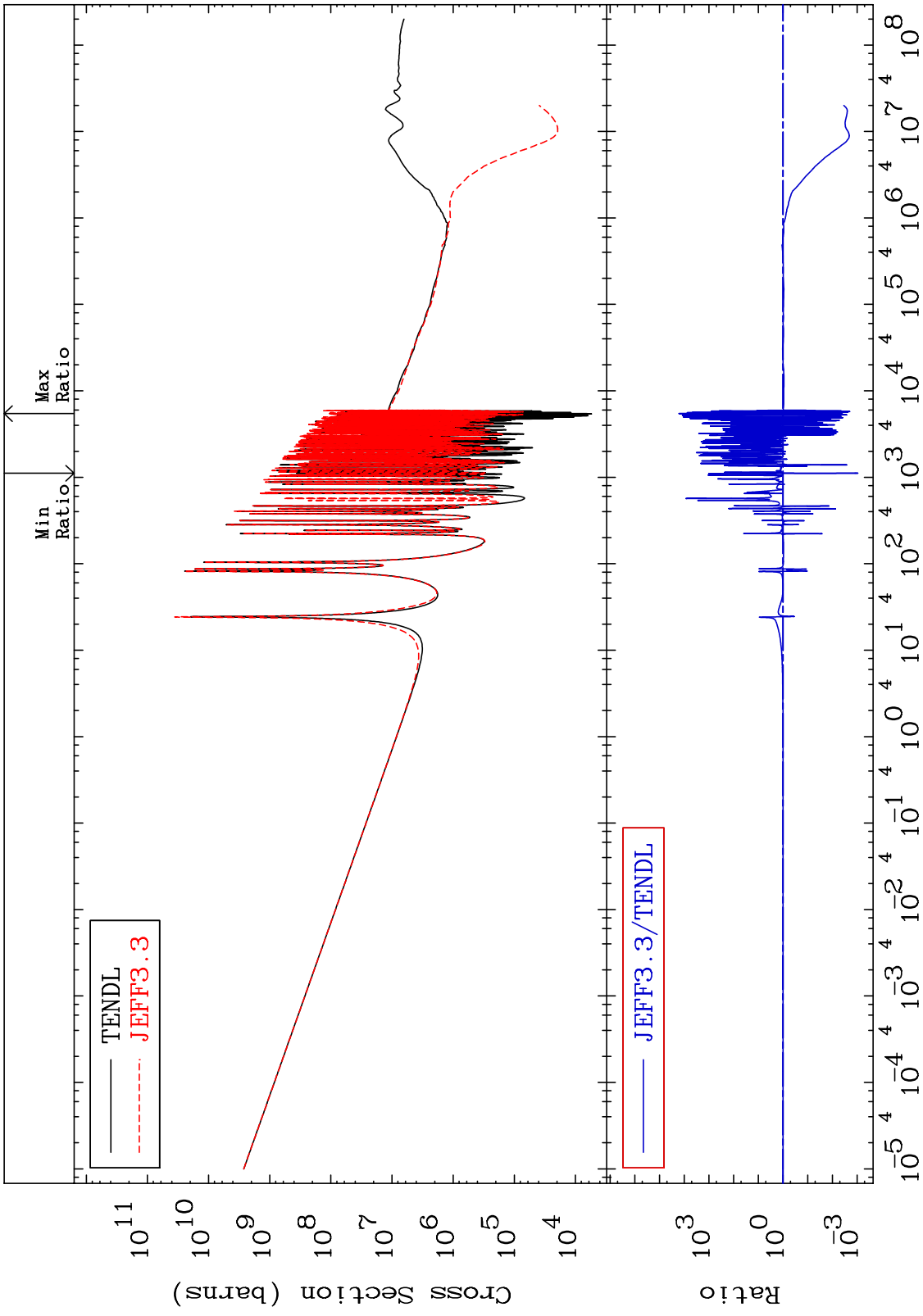
MAT 5640

Kerma capture (mt102)  
Cross Section

56-Ba-135  
-99.91 To 9999. %

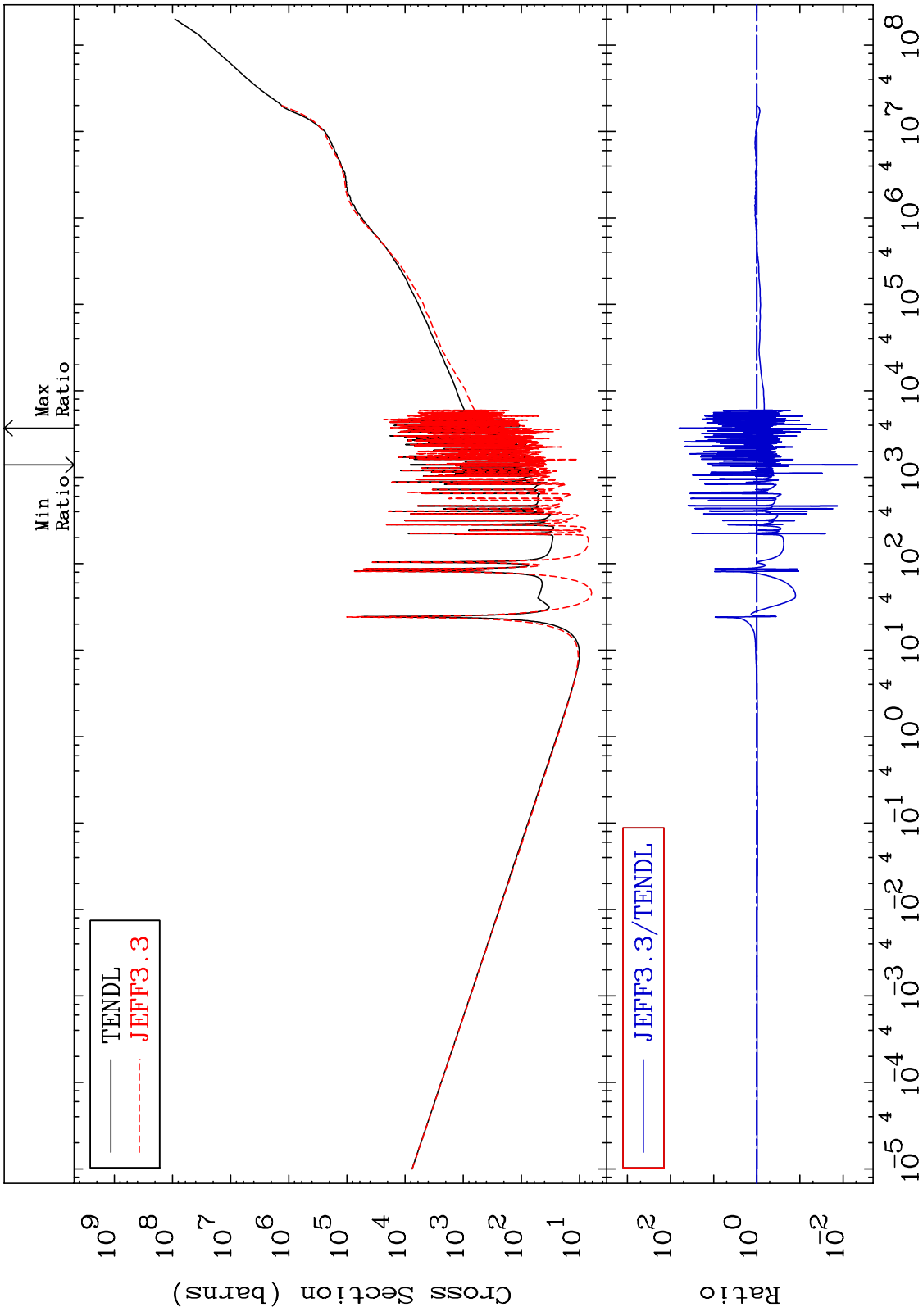


MAT 5640 56-Ba-135  
-99.91 To 9999. %  
 Total photon (eV-barns)  
 Cross Section

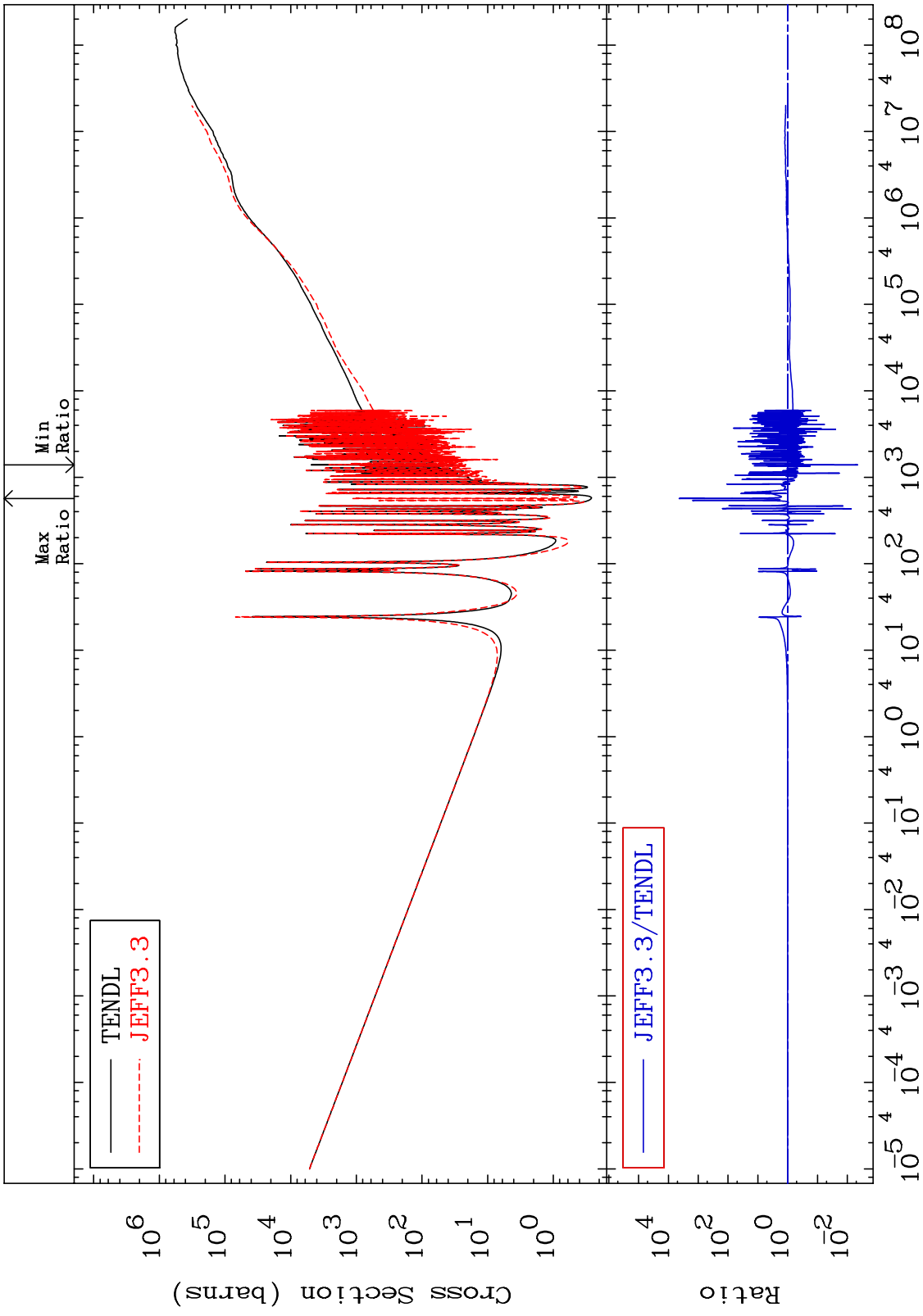


Incident Energy (eV) 56-Ba-135

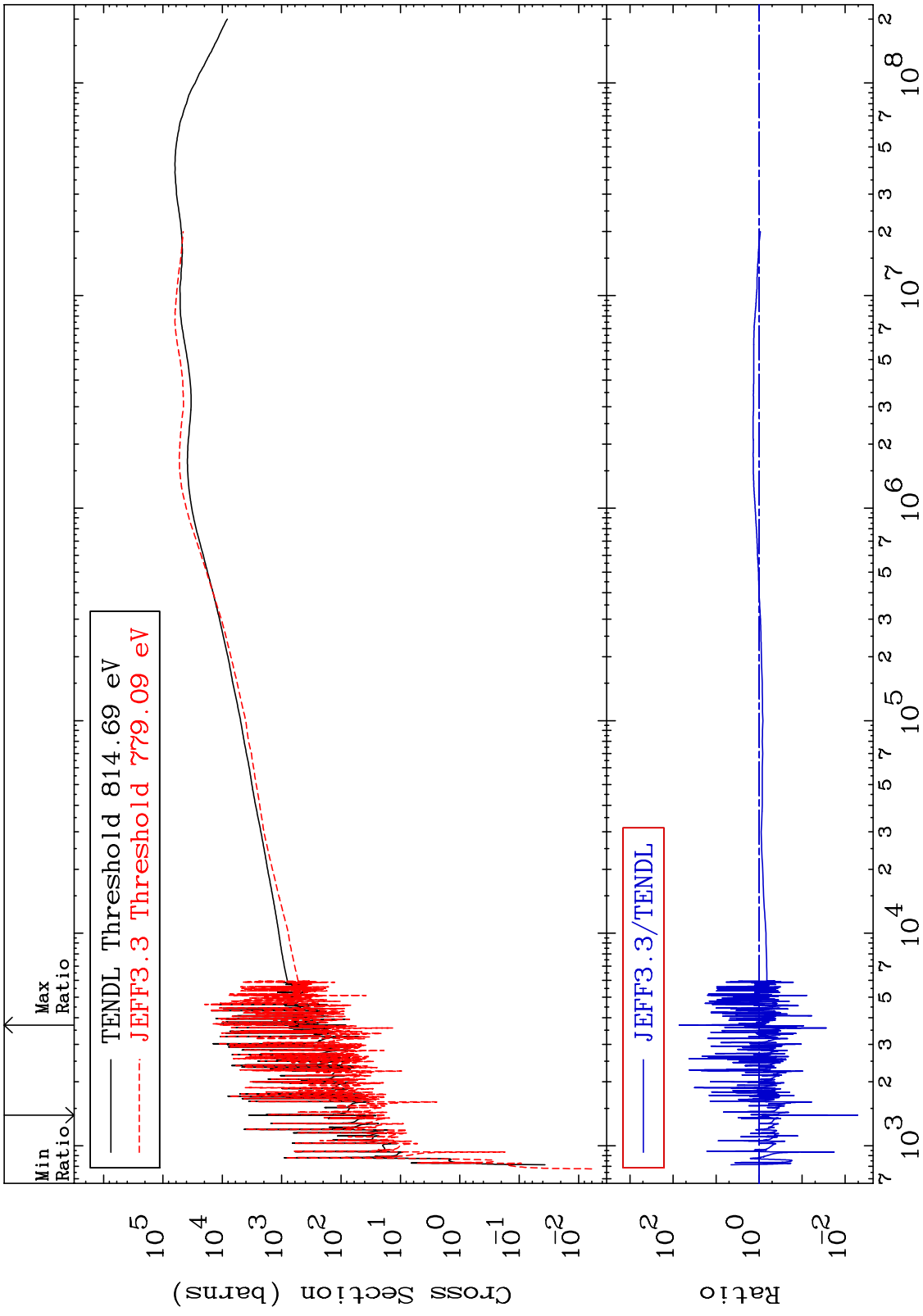
MAT 5640 Total kinematic kerma (high limit) 56-Ba-135  
 Cross Section -99.55 To 6257. %



MAT 5640      Dpa total (eV-barns)      56-Ba-135  
 Cross Section      -99.55 To 9999. %

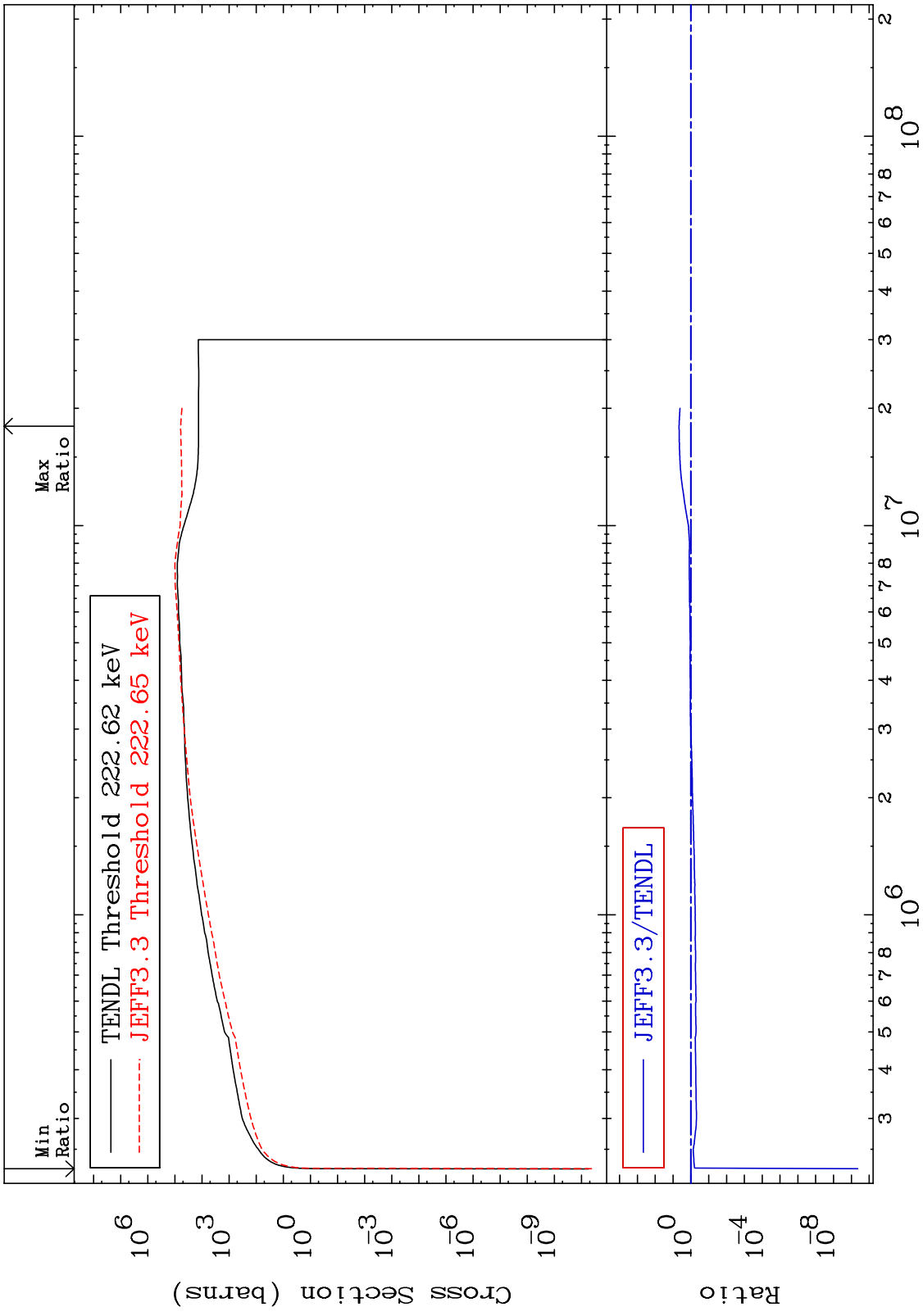


MAT 5640 56-Ba-135 -99.49 To 7149. %  
Dpa elastic (mt2) Cross Section



37 56-Ba-135

MAT 5640      Dpa inelastic (mt51-91)      56-Ba-135  
 Cross Section      -100.0 To 359.1 %



MAT 5640

Dpa disappearance (mt102 -120)  
Cross Section

56-Ba-135  
-99.91 To 9999. %

