

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

MAT 6337

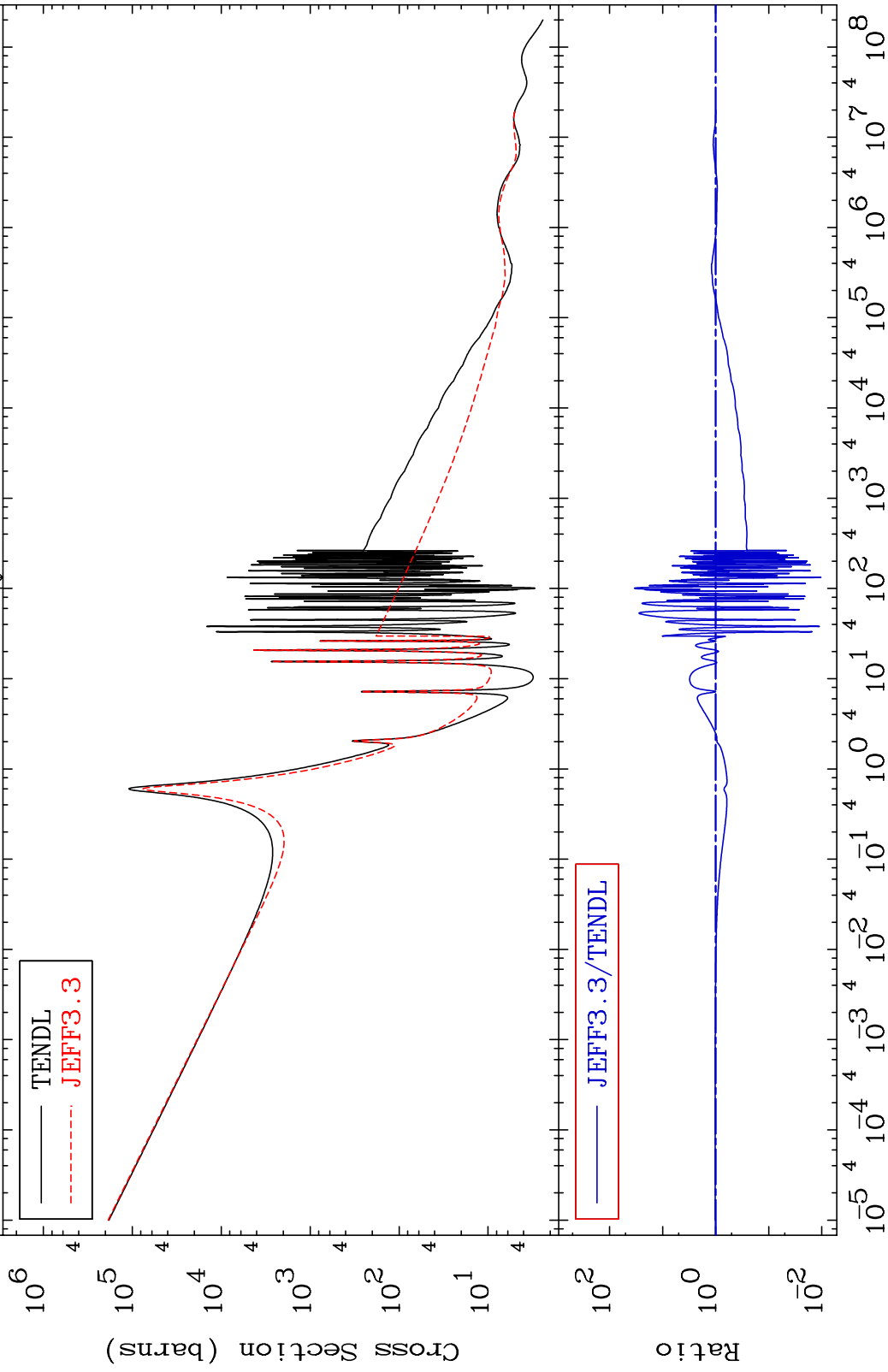
63-Eu-155

-98.96 To 3328. %

Total  
Cross Section

Max  
Ratio

Min  
Ratio



Incident Energy (eV)

63-Eu-155

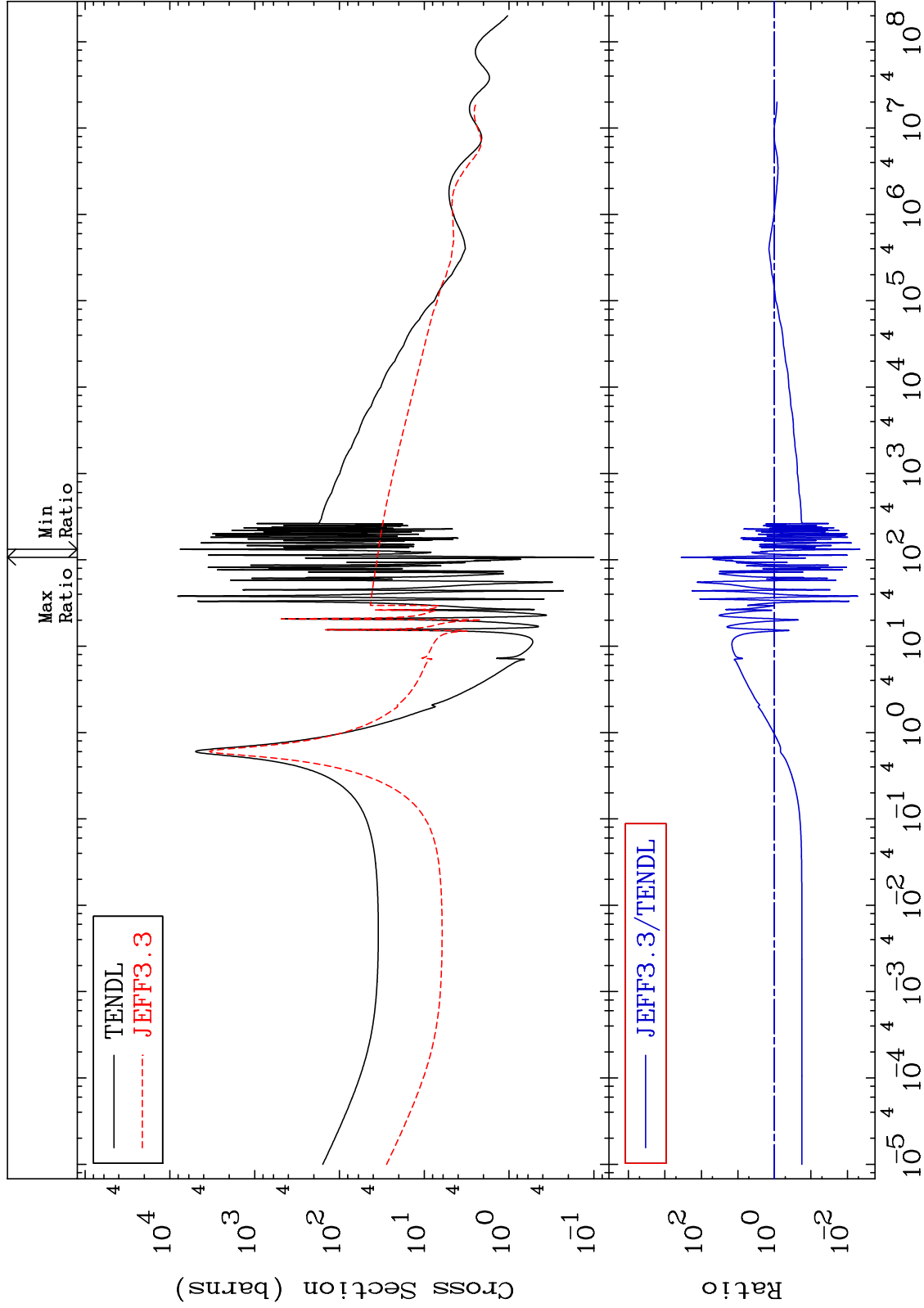
MAT 6337

Elastic

63-Eu-155

Cross Section

-99.54 To 9999. %

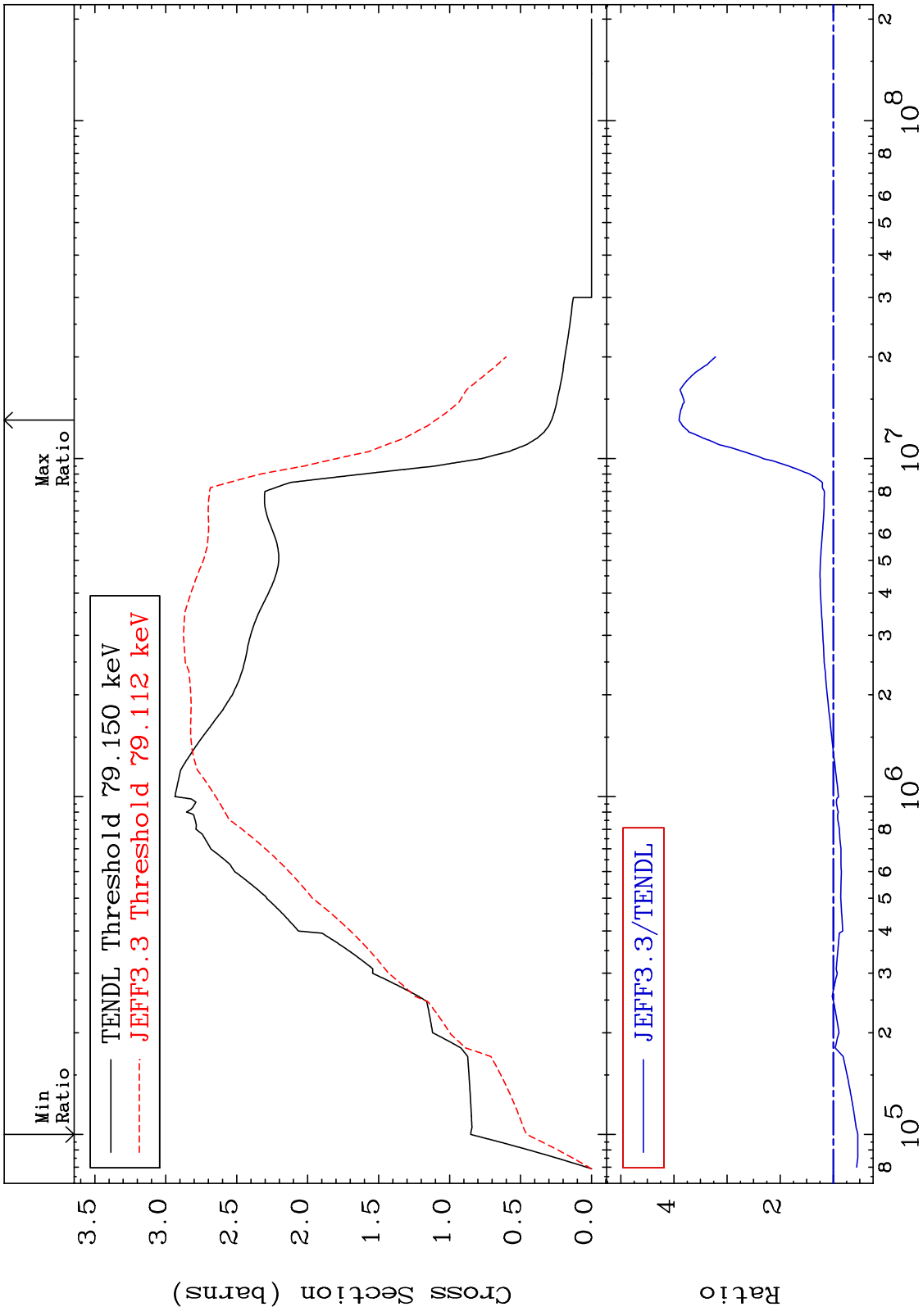


2

Incident Energy (eV)

63-Eu-155

MAT 6337 63-Eu-155  
Inelastic Cross Section -46.26 To 290.4 %



3 63-Eu-155

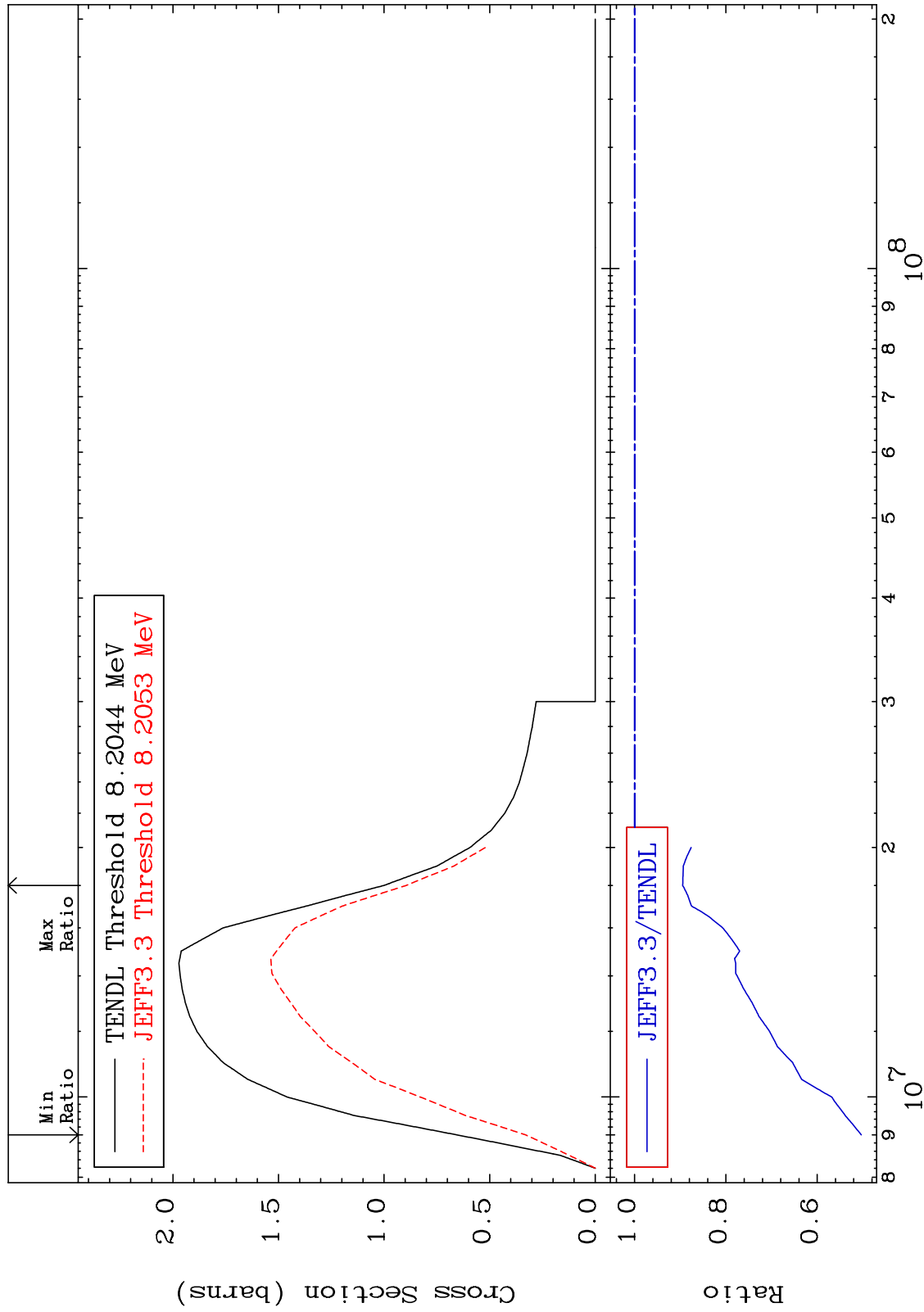
MAT 6337

(n,2n)

63-Eu-155

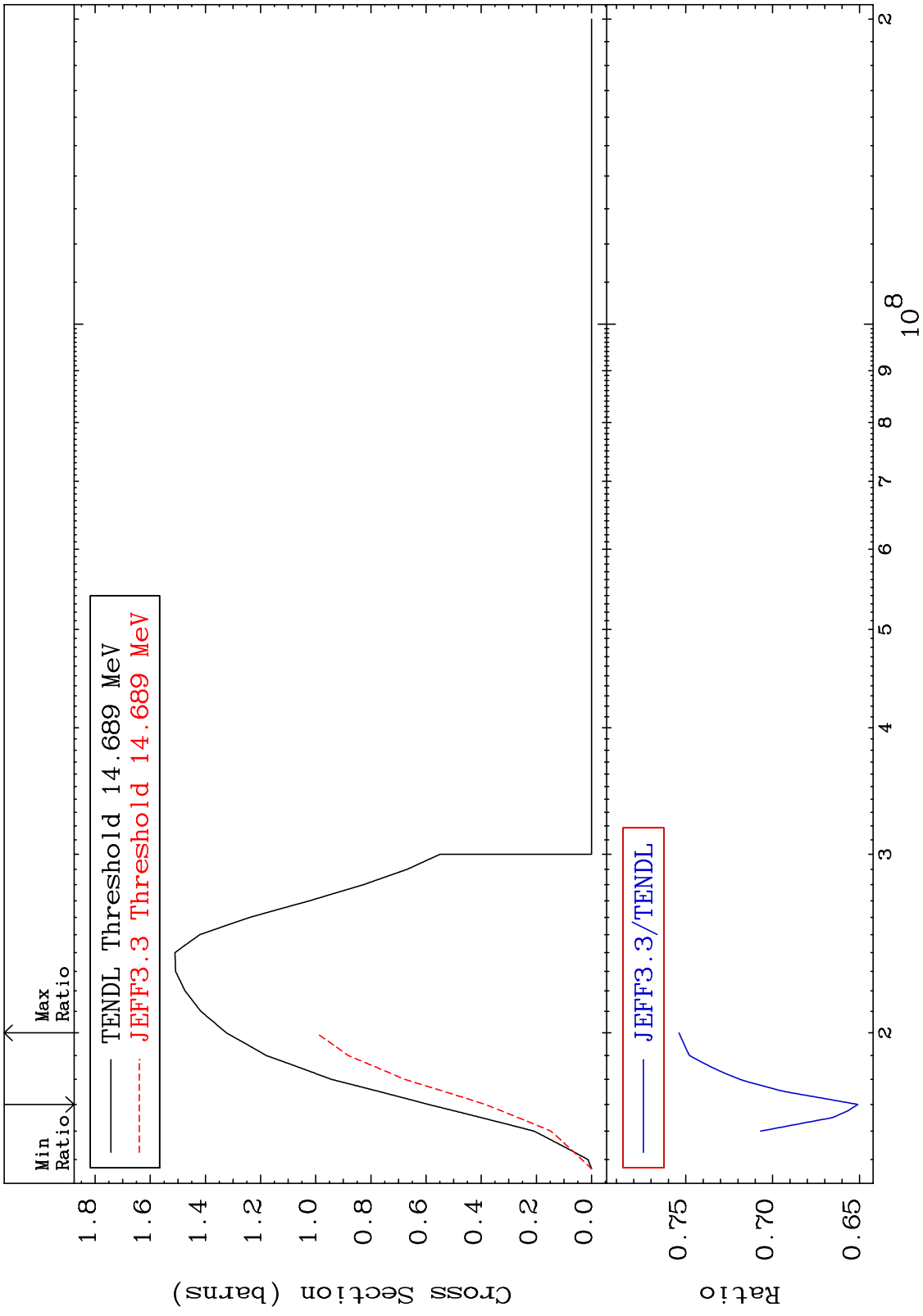
Cross Section

-49.67 To -10.52%

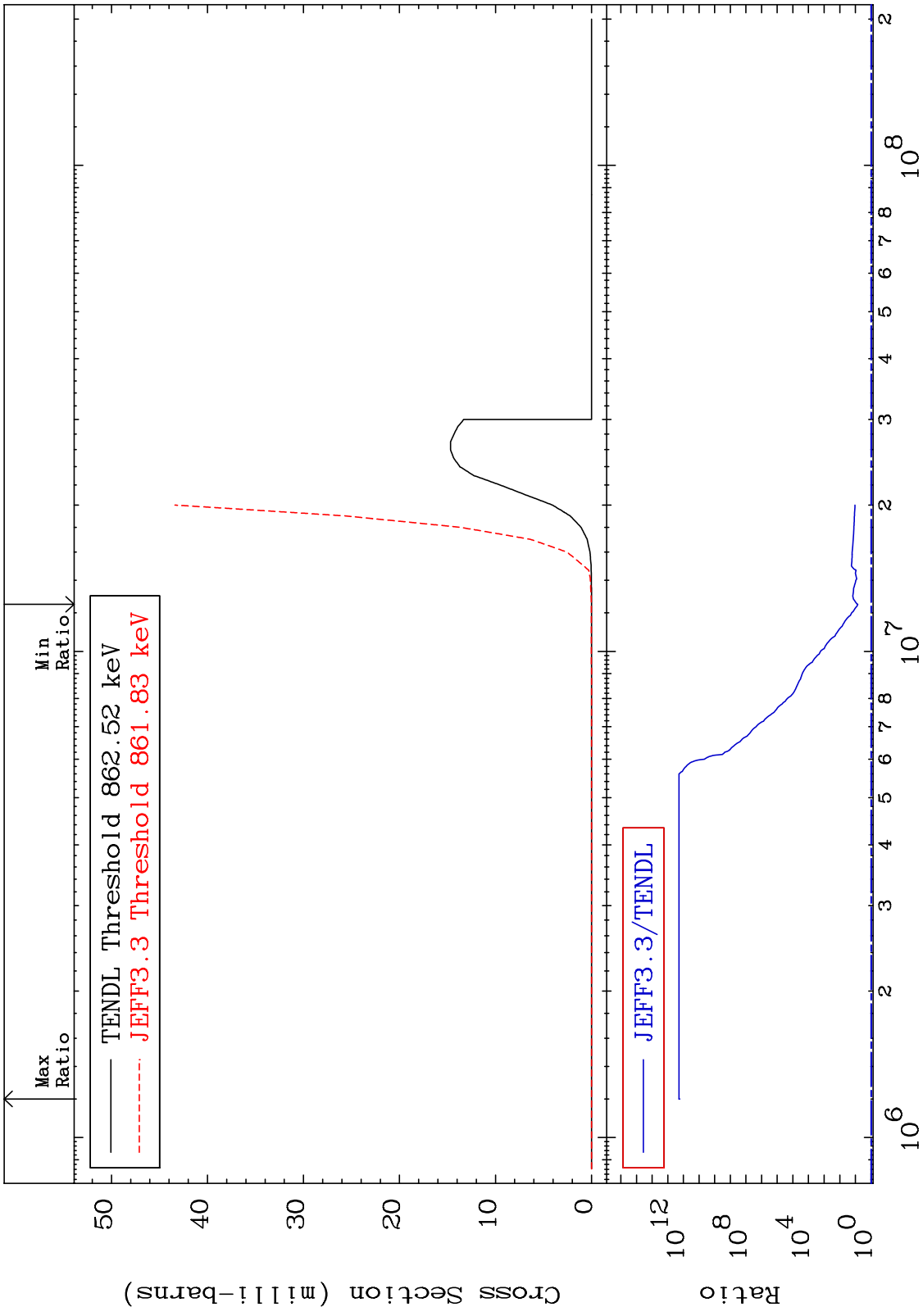


4

MAT 6337 (n,3n) Cross Section 63-Eu-155 -34.91 To -24.61%

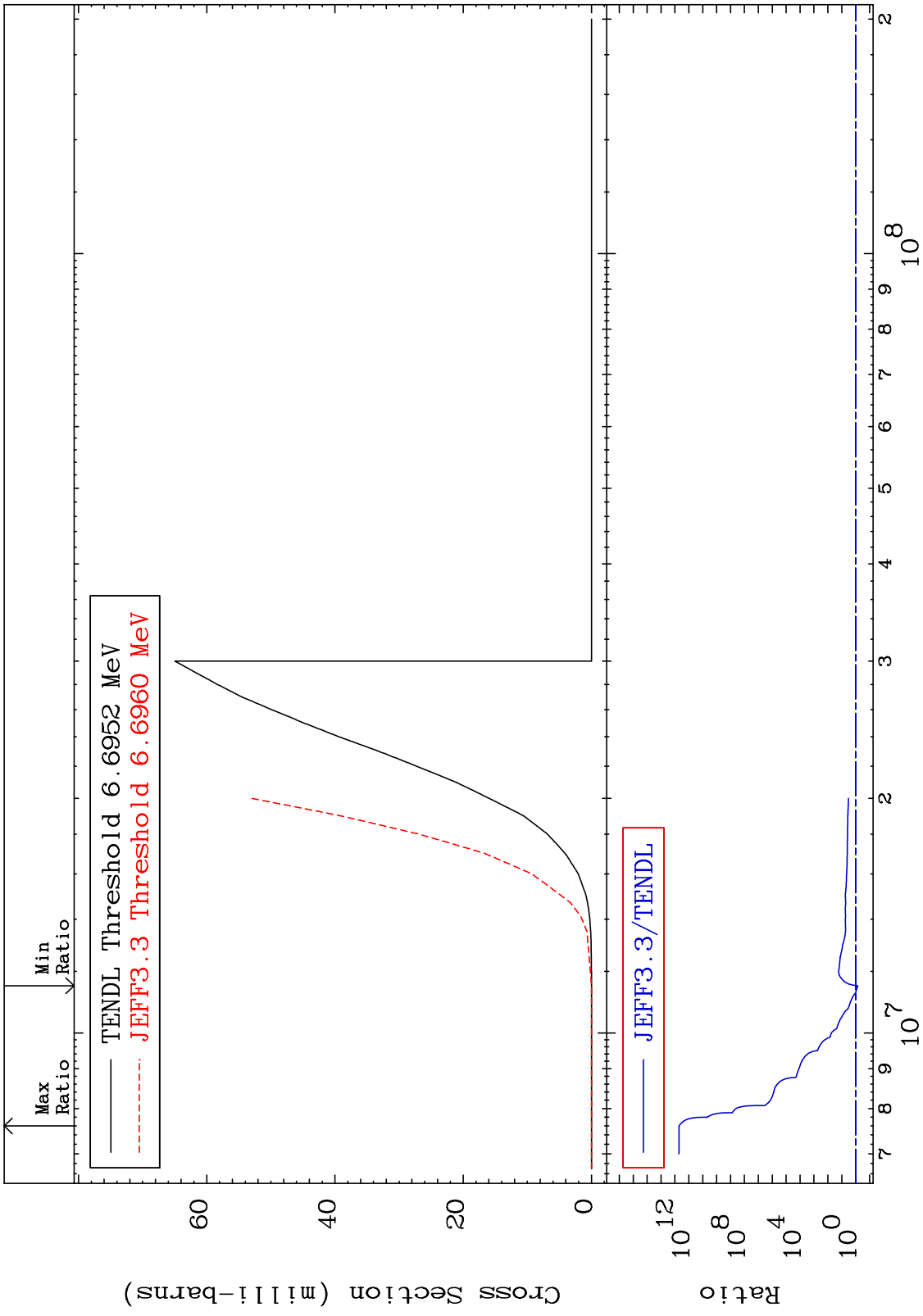


MAT 6337  $(n, n') \alpha$  63-Eu-155  
 Cross Section 598.4 To 9999. %



63-Eu-155

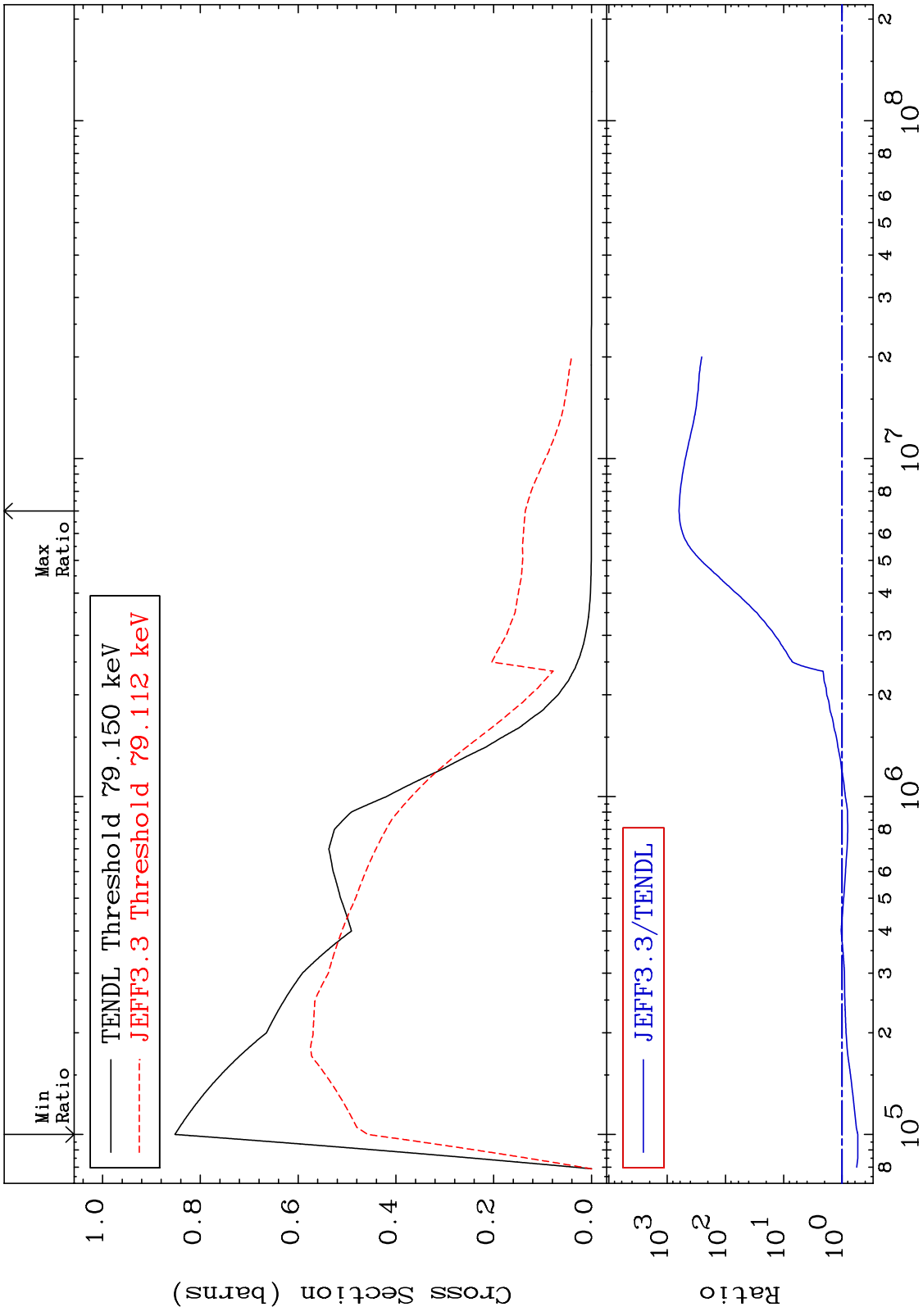
MAT 6337 (n,n') p 63-Eu-155  
 Cross Section -30.27 To 9999. %



7 63-Eu-155 Incident Energy (eV)

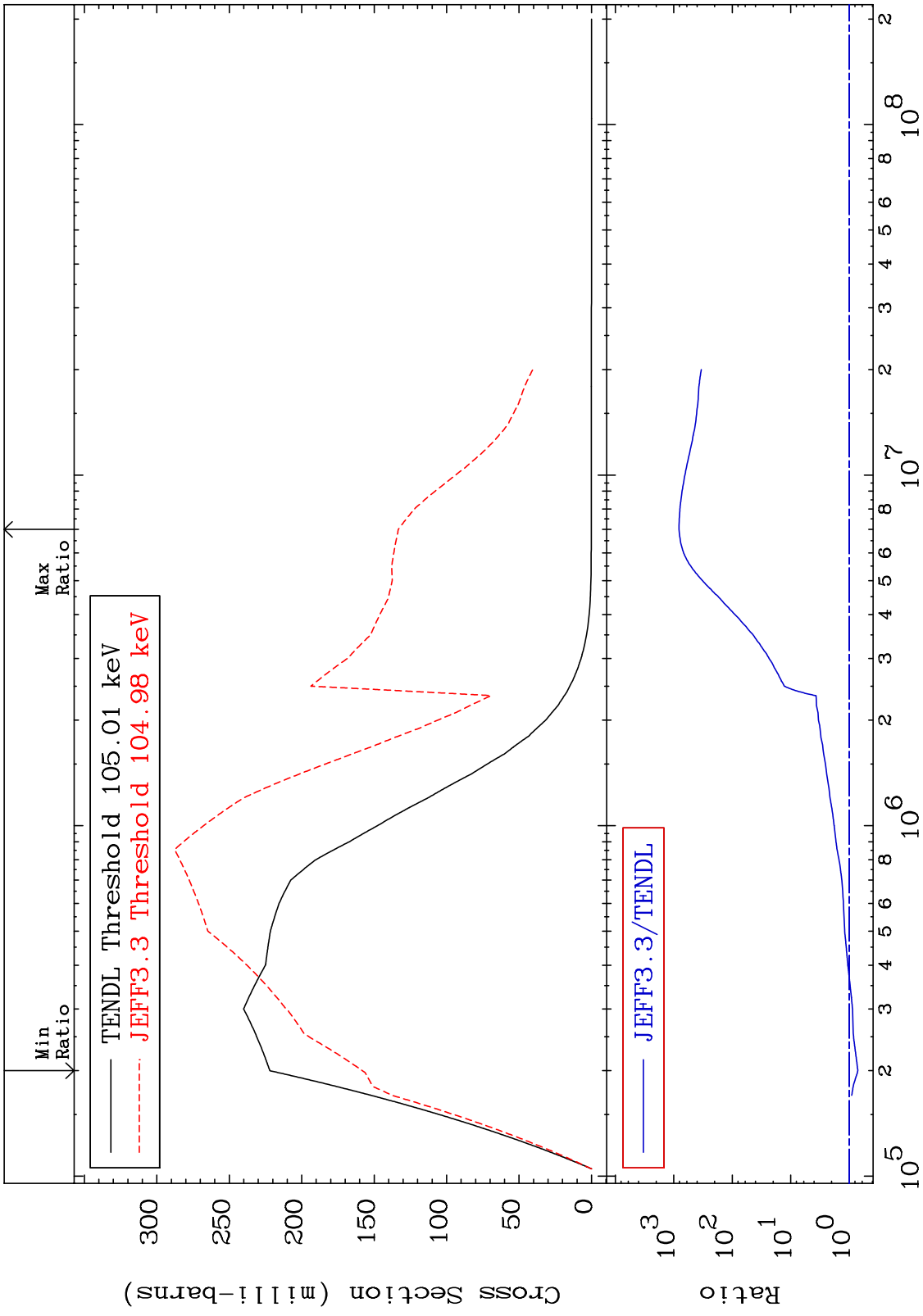


MAT 6337 MT= 51 (n,n') Level Cross Section 63-Eu-155  
 -46.26 To 9999. %



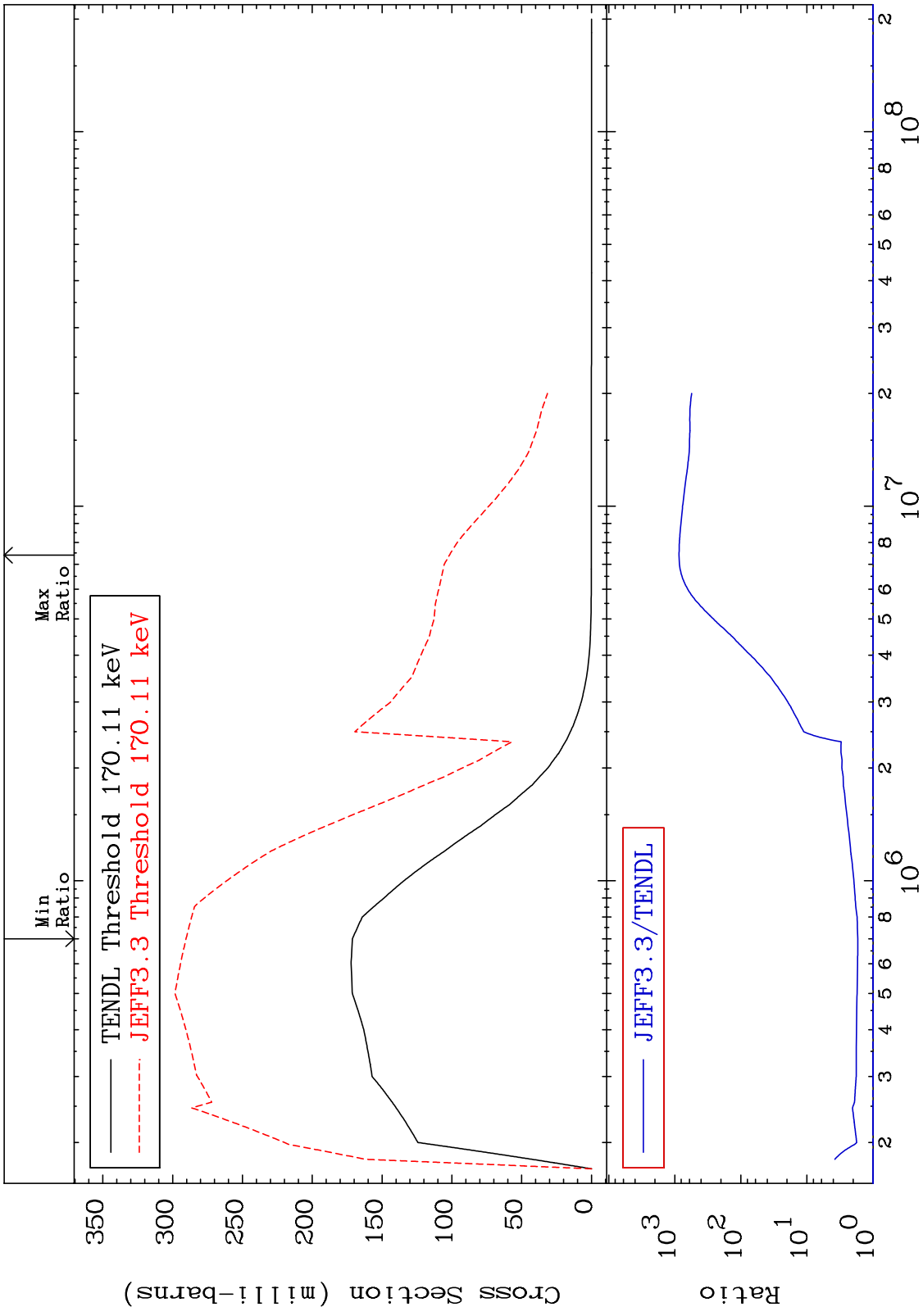
8 Incident Energy (eV) 63-Eu-155

MAT 6337 MT= 52 (n,n') Level Cross Section 63-Eu-155  
 -28.77 To 9999. %



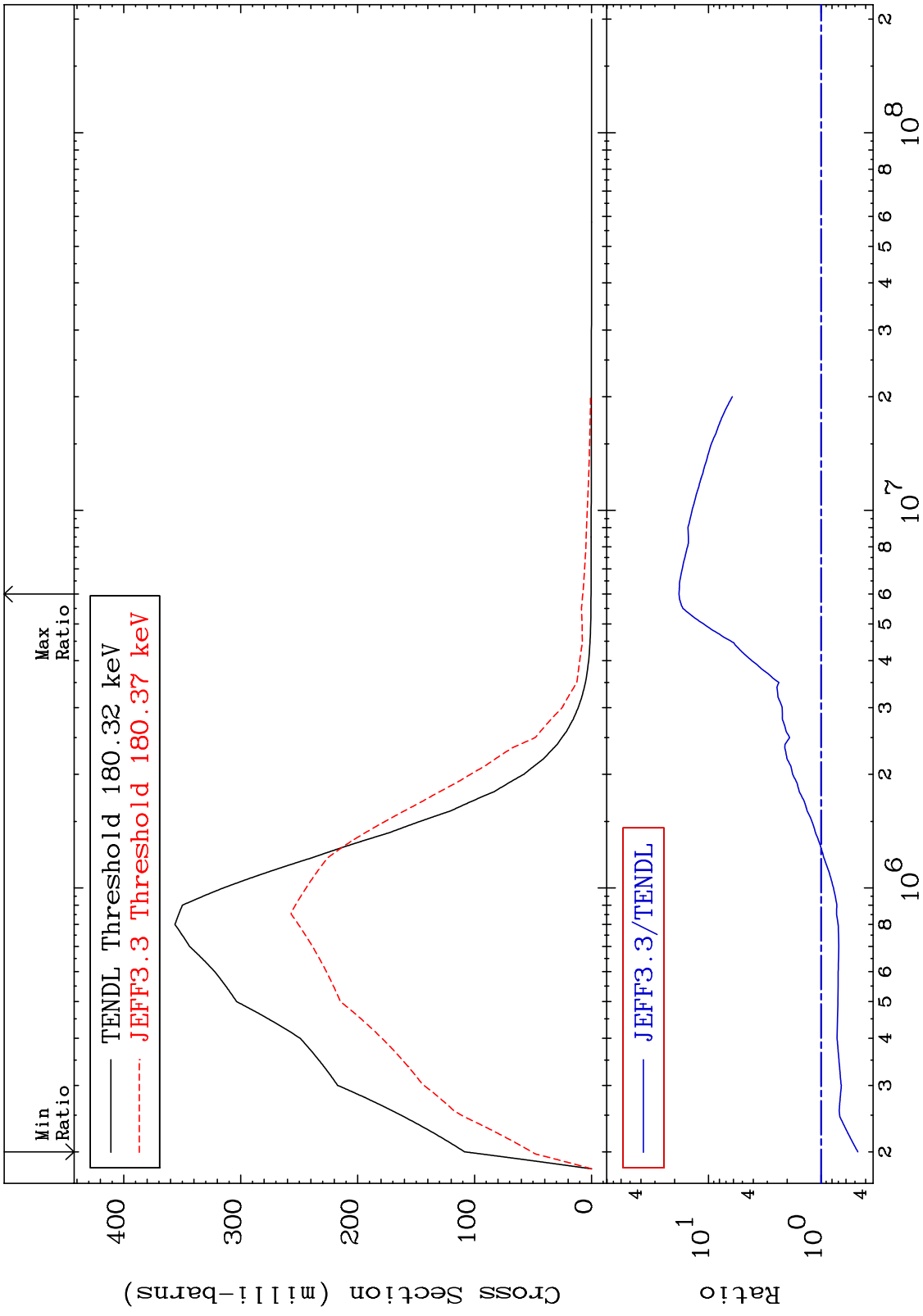
9 Incident Energy (eV) 63-Eu-155

MAT 6337 MT= 53 (n,n') Level Cross Section 63-Eu-155 69.64 To 9999. %

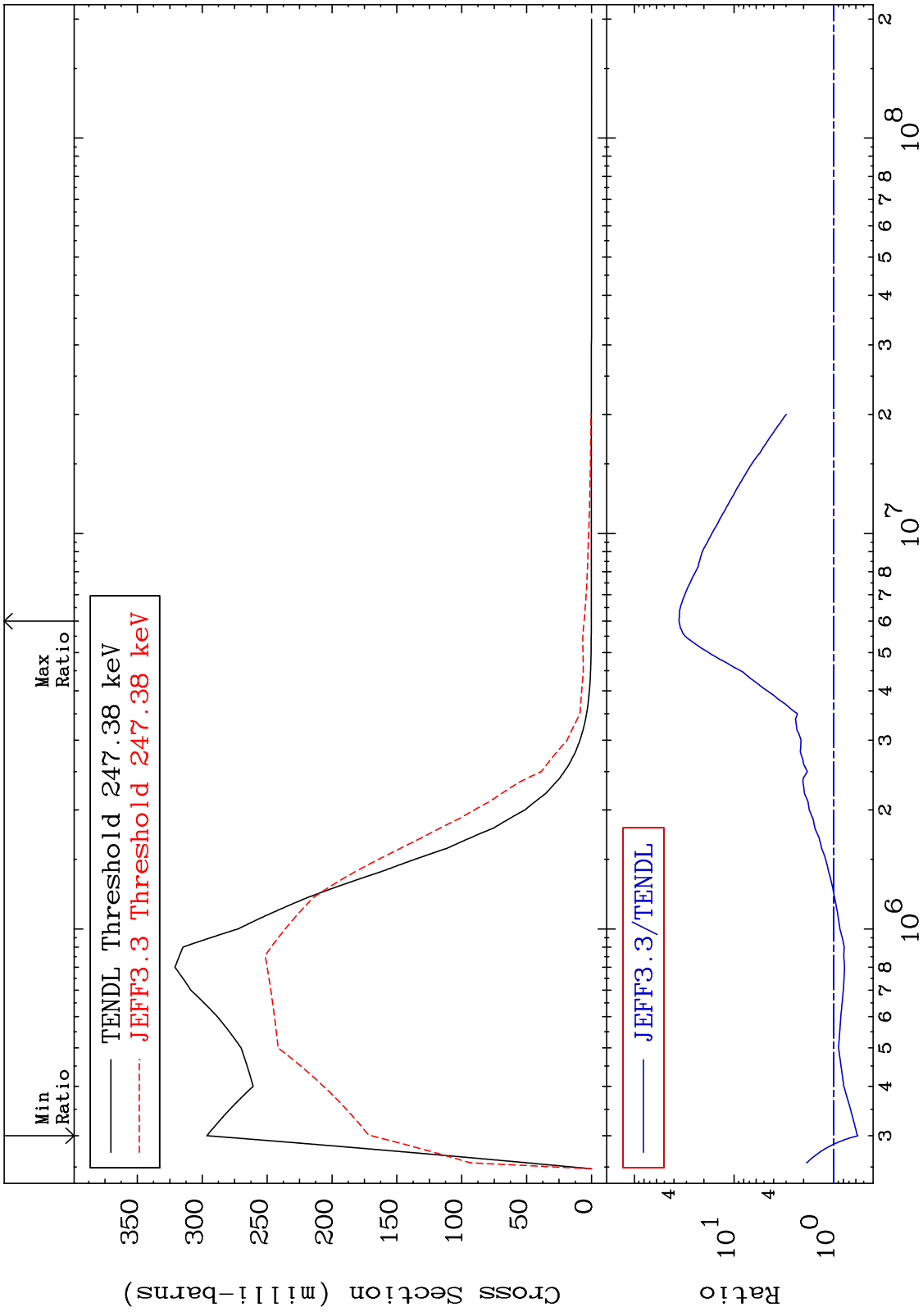


63-Eu-155 Incident Energy (eV)

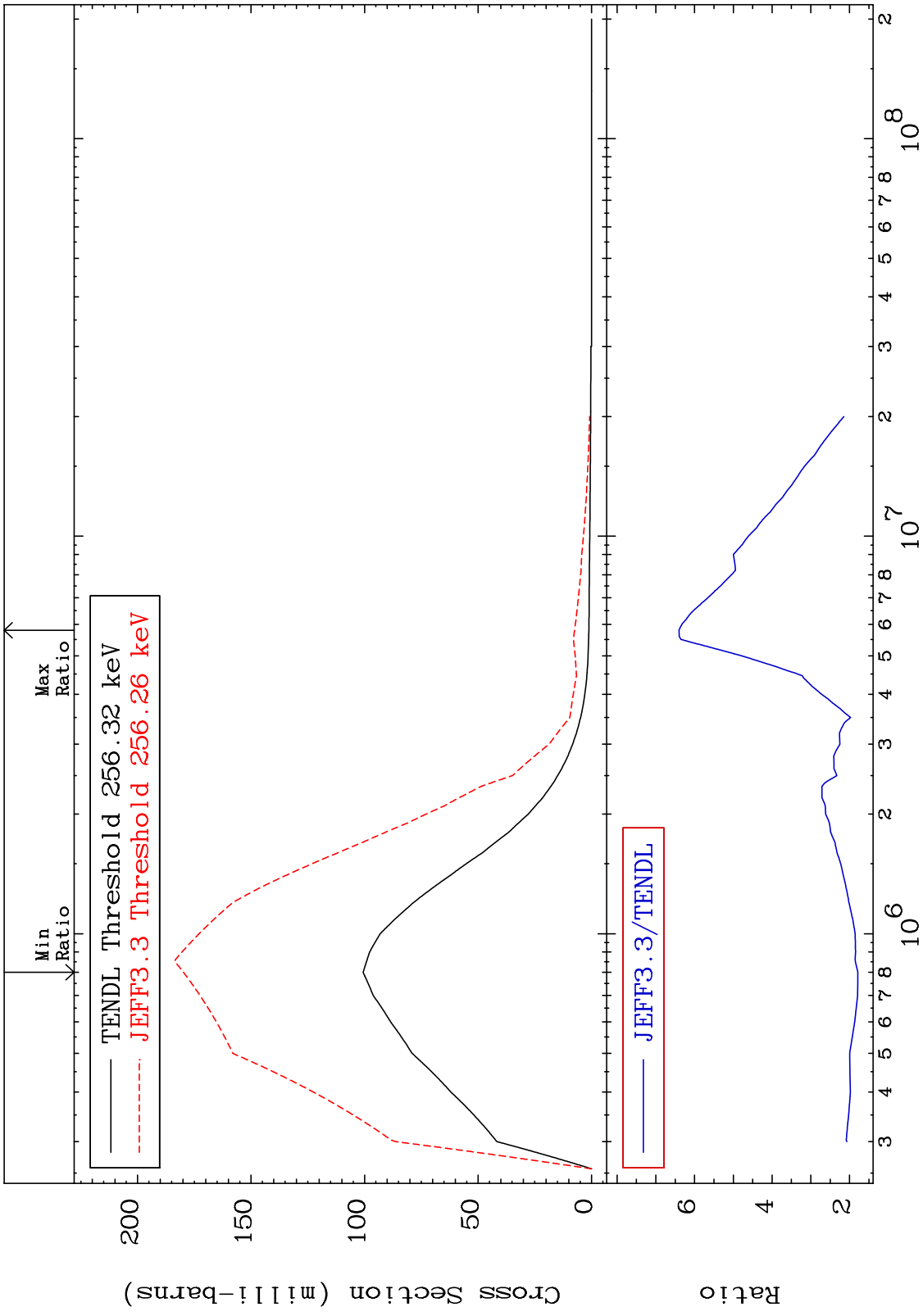
MAT 6337 MT= 54 (n,n') Level Cross Section 63-Eu-155  
 -52.95 To 1729. %



MAT 6337 MT= 55 (n,n') Level Cross Section 63-Eu-155 -42.76 To 3457. %

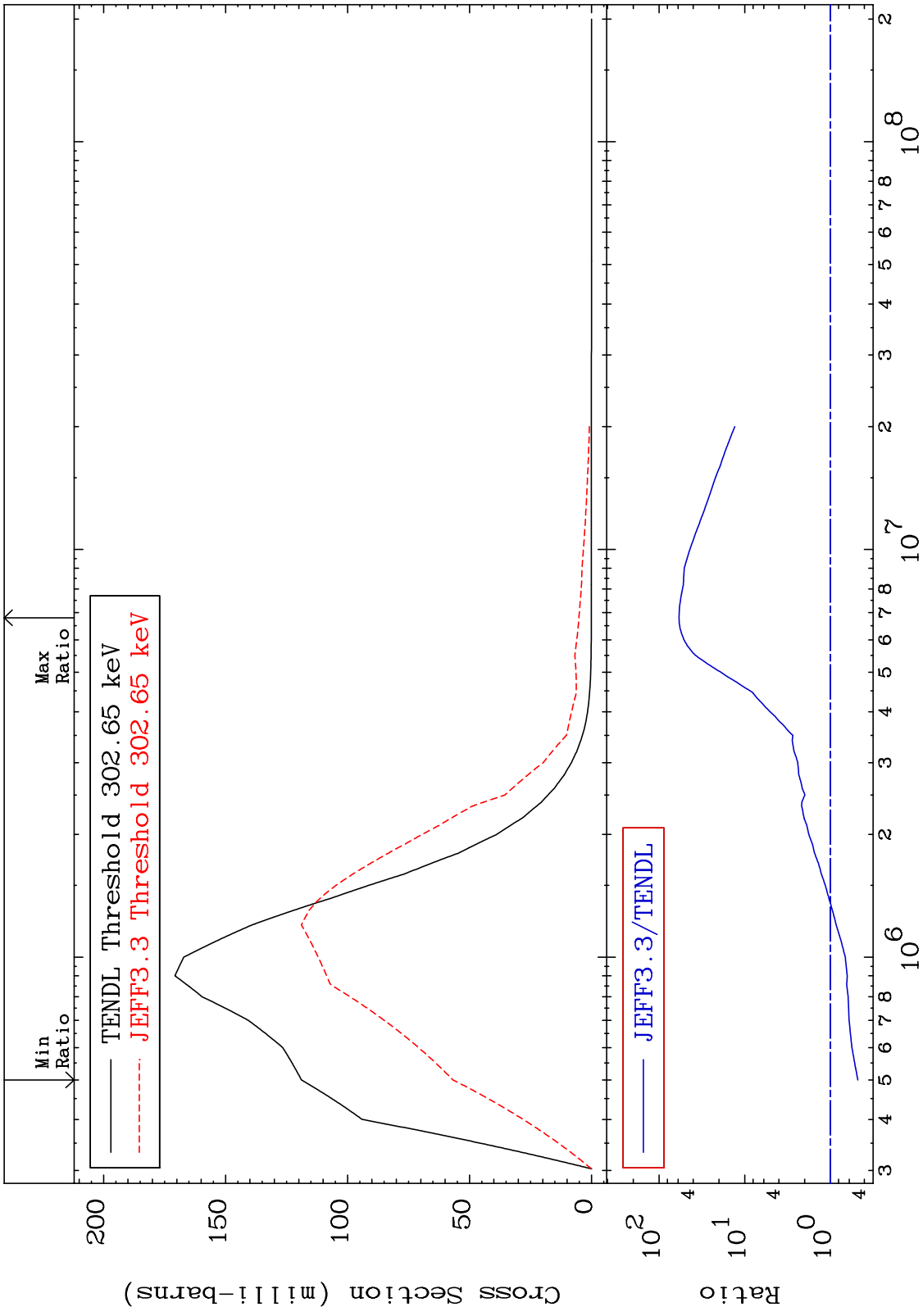


MAT 6337 MT= 56 (n,n') Level Cross Section 63-Eu-155 78.69 To 540.0 %



13 63-Eu-155

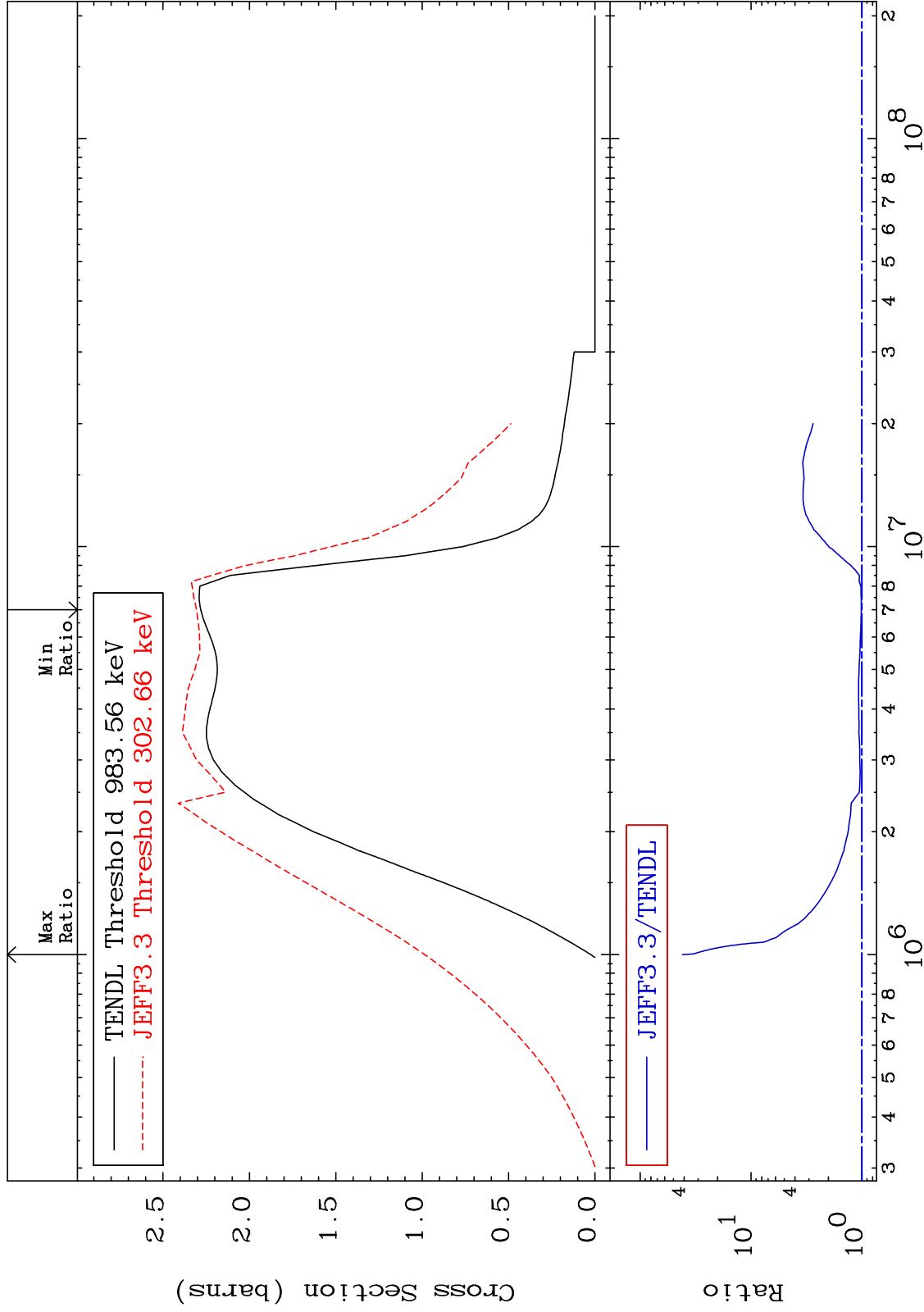
MAT 6337 MT= 57 (n,n') Level Cross Section 63-Eu-155  
 -52.24 To 5745. %



MAT 6337

(n, n') Continuum  
Cross Section

63-Eu-155  
1.070 To 4050. %

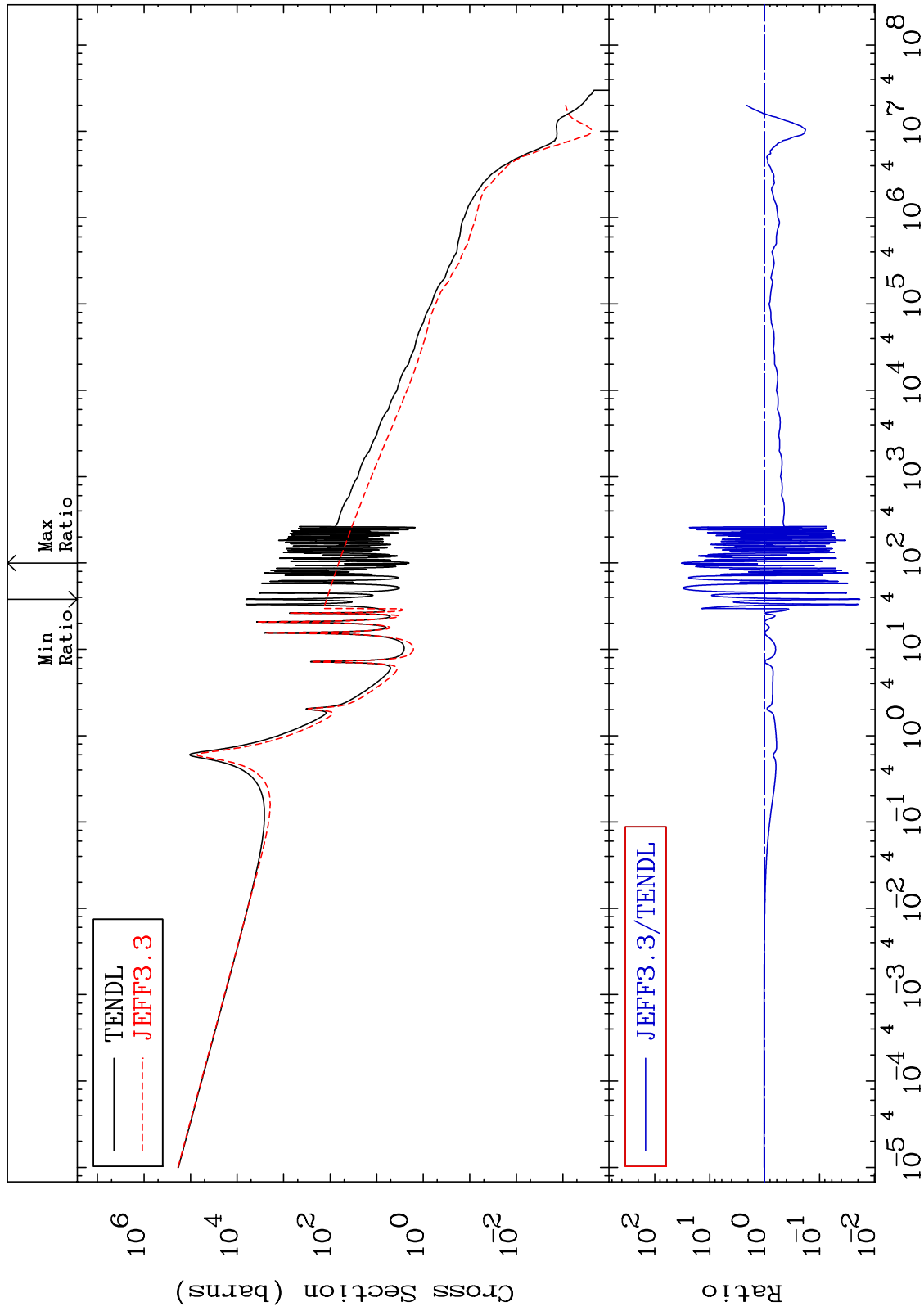




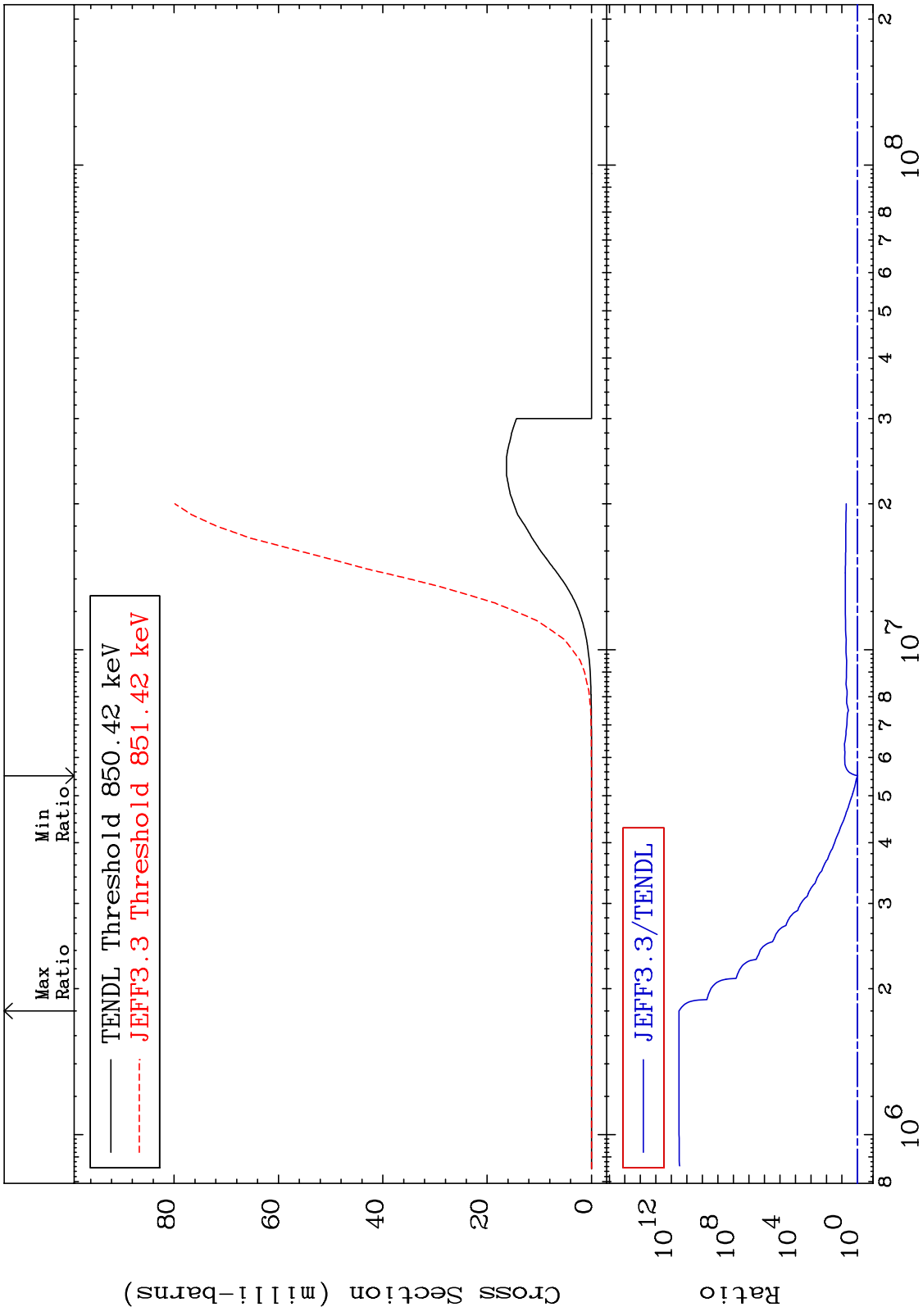
MAT 6337

(n,  $\gamma$ )  
Cross Section

63-Eu-155  
-98.15 To 3195. %

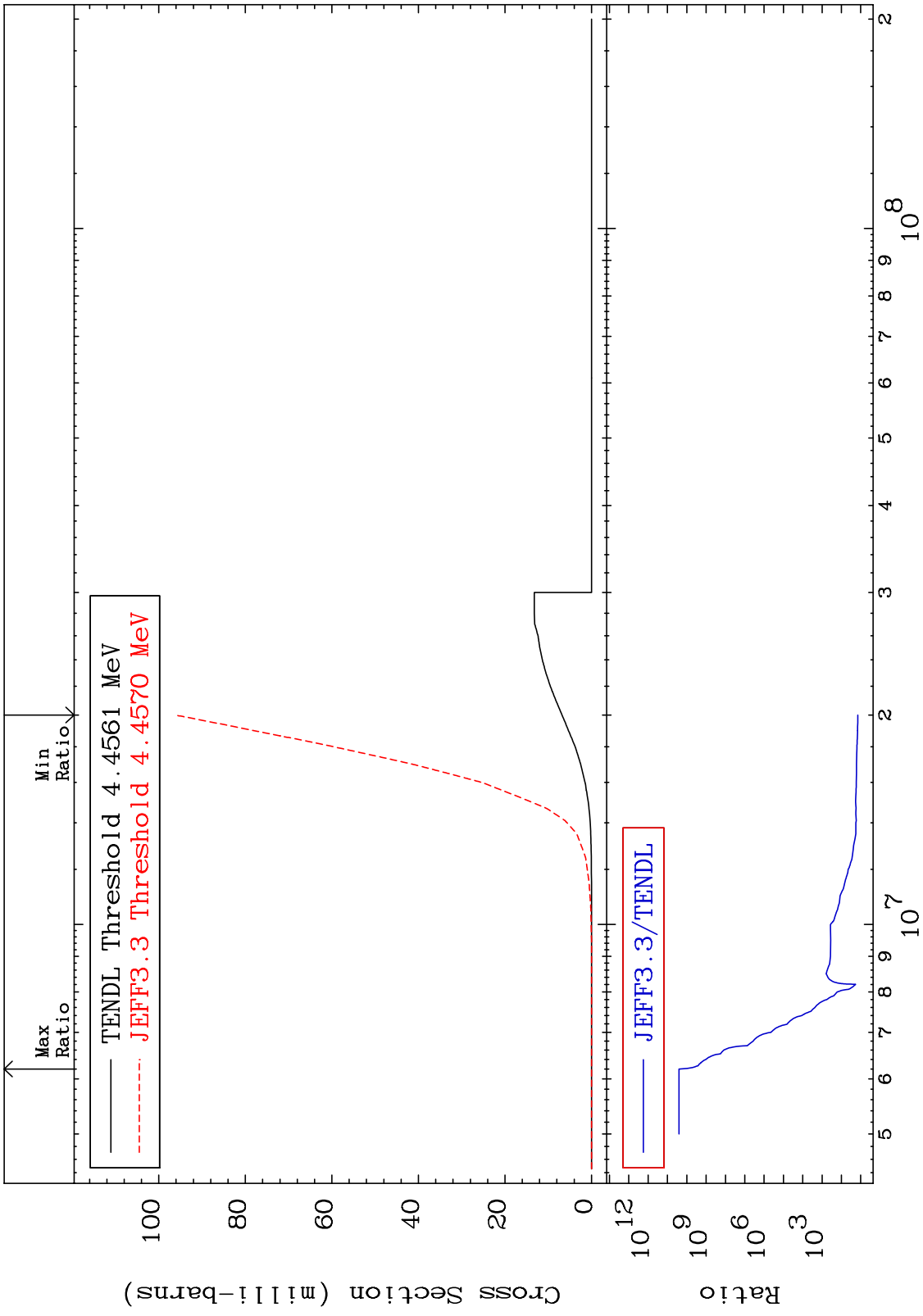


MAT 6337 (n,p) 63-Eu-155  
Cross Section -5.709 To 9999. %

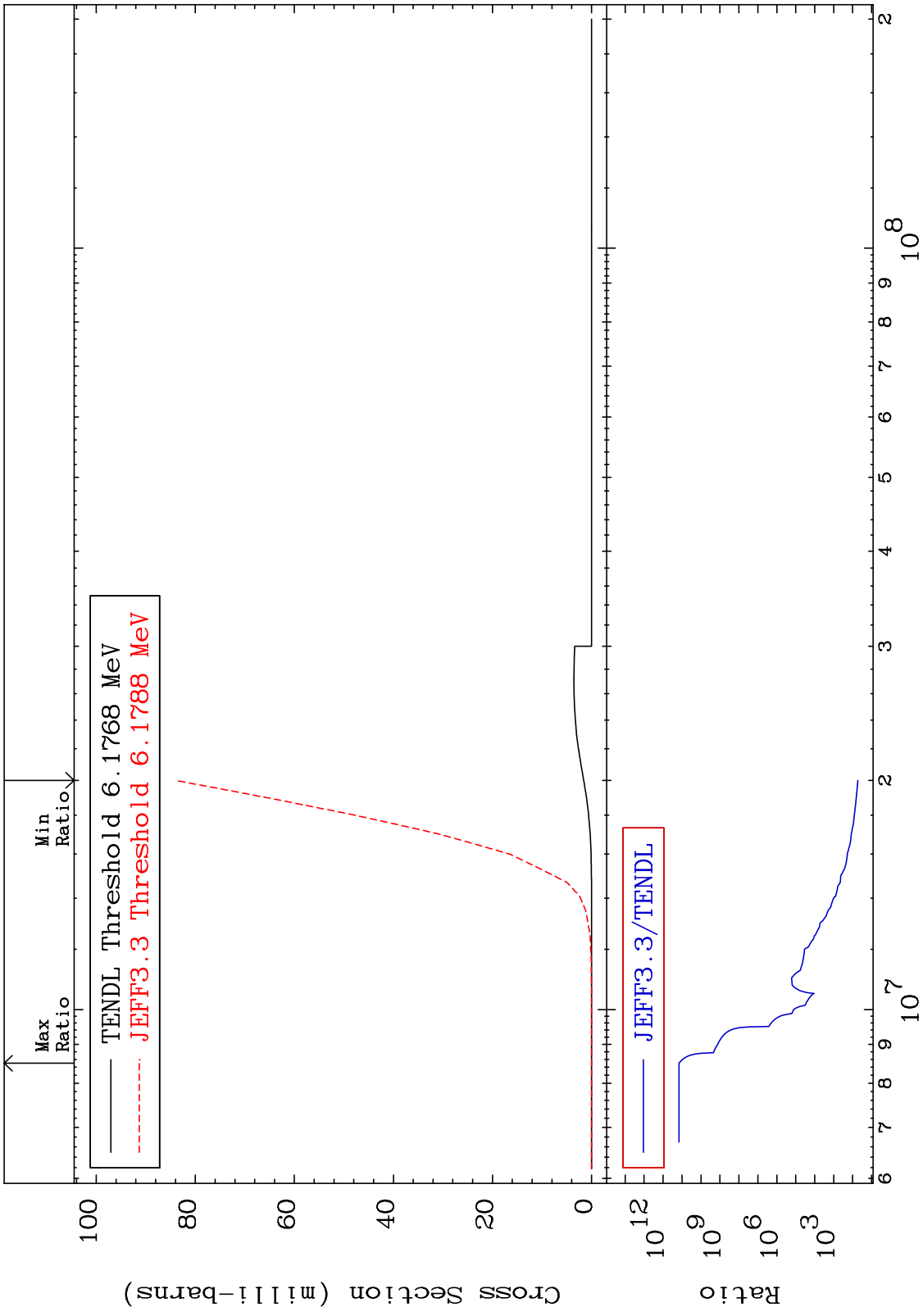


17 63-Eu-155 Incident Energy (eV)

MAT 6337 (n,d) Cross Section 63-Eu-155 To 9999. %  
 1312.



MAT 6337 (n,t) Cross Section 63-Eu-155 5222. To 9999. %



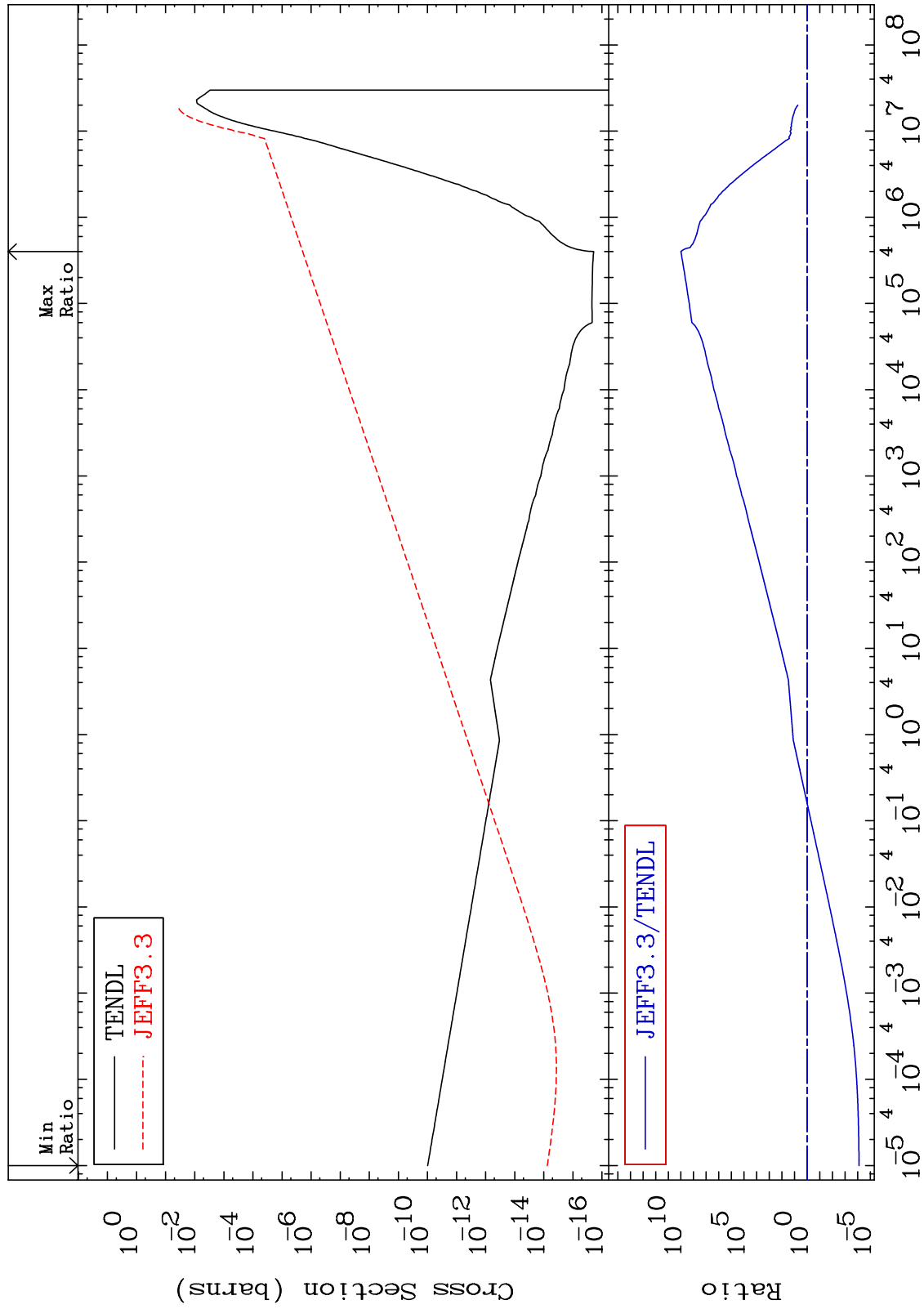
MAT 6337

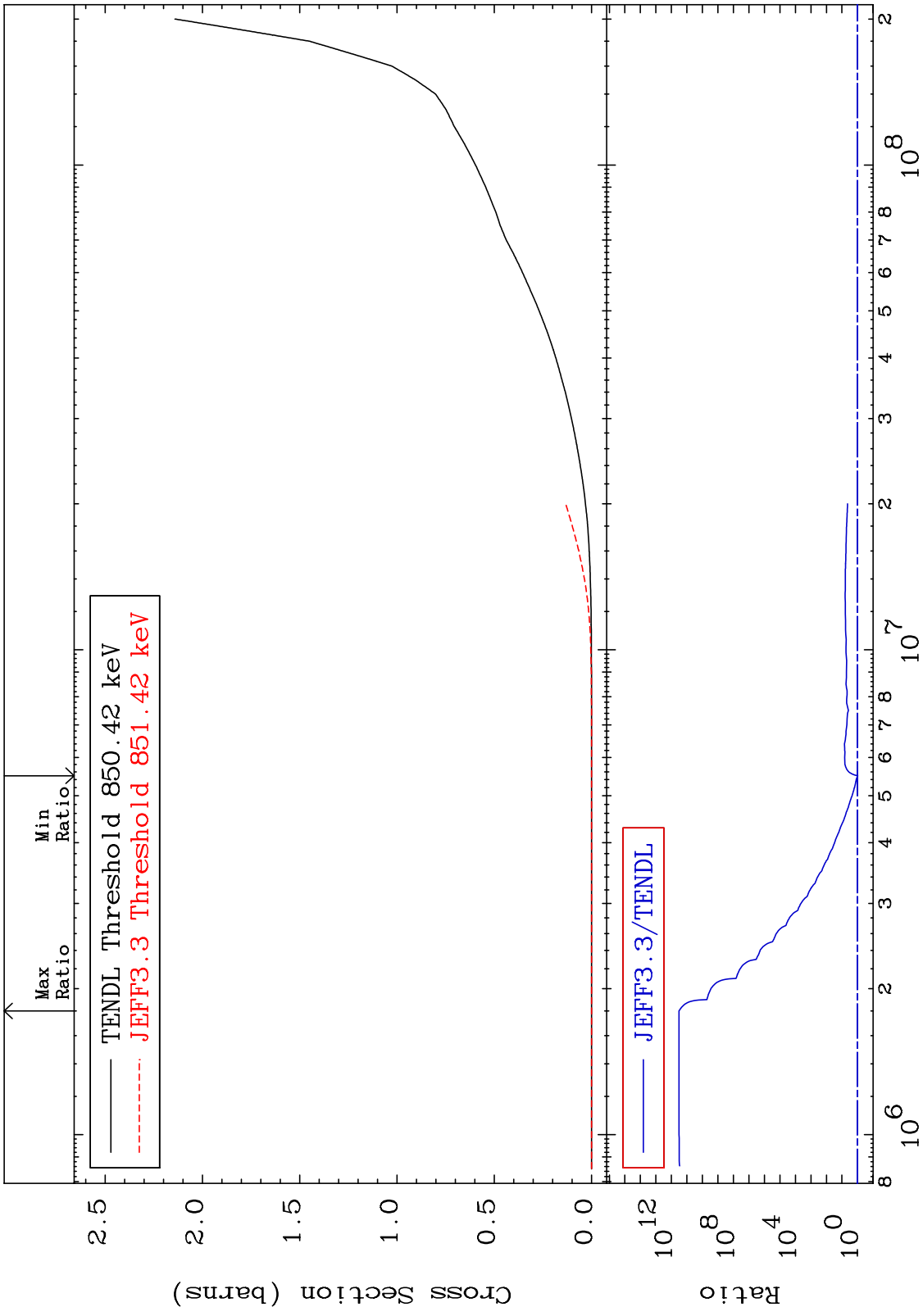
(n,  $\alpha$ )

63-Eu-155

Cross Section

-99.99 To 9999. %

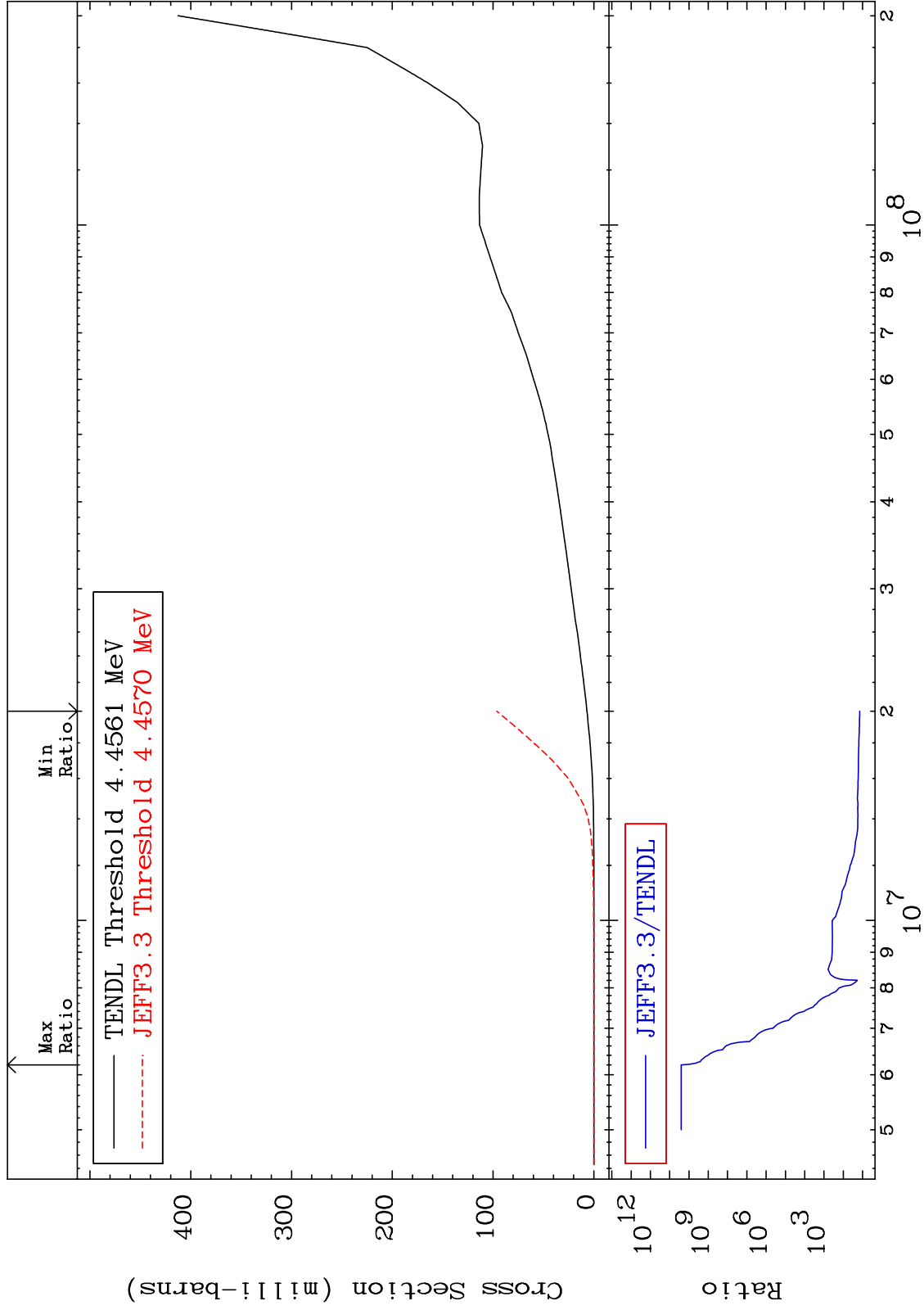




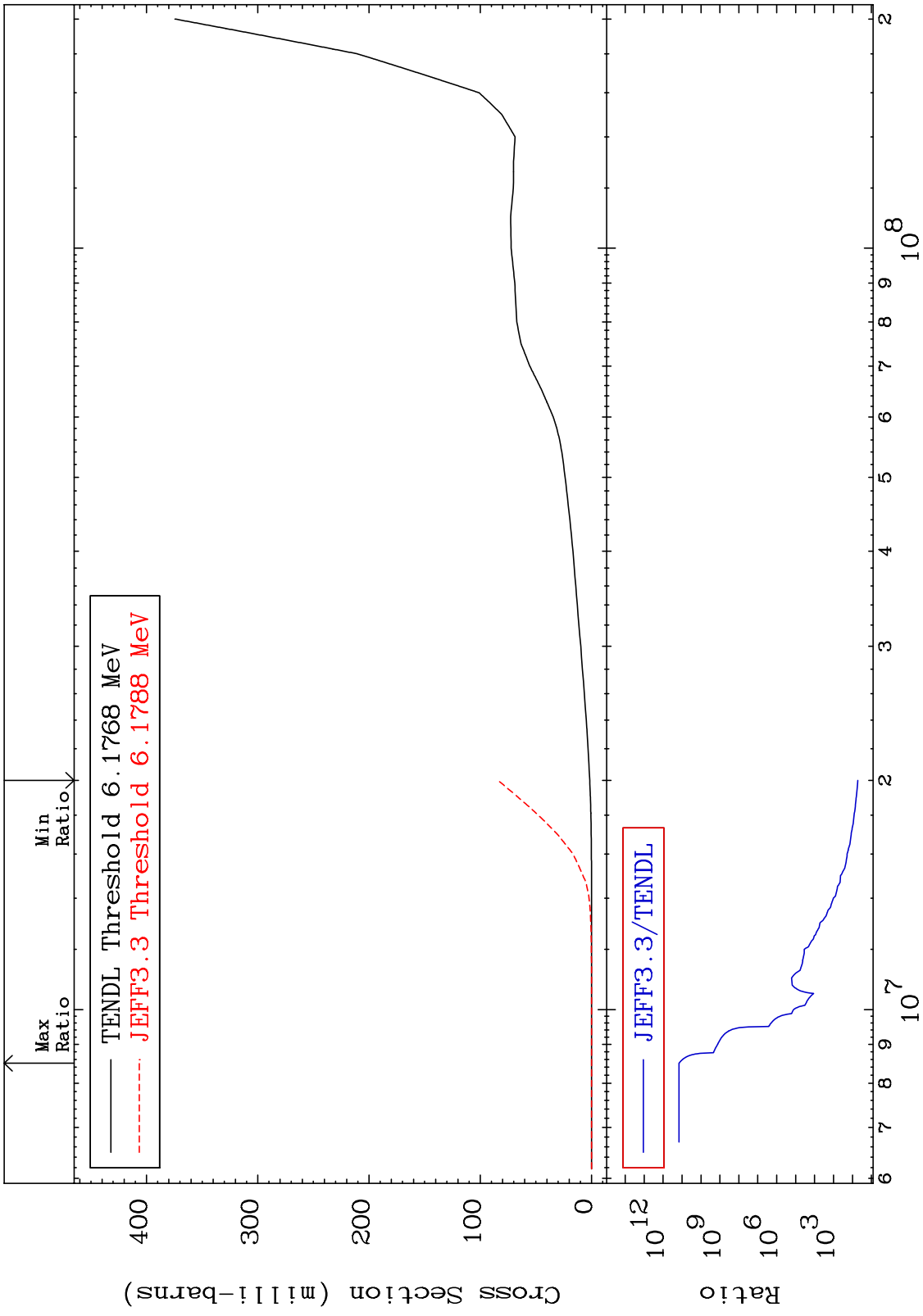
MAT 6337

Deuterium Production  
Cross Section

63-Eu-155  
1301. To 9999. %



MAT 6337 Tritium Production Cross Section 63-Eu-155 5104. To 9999. %

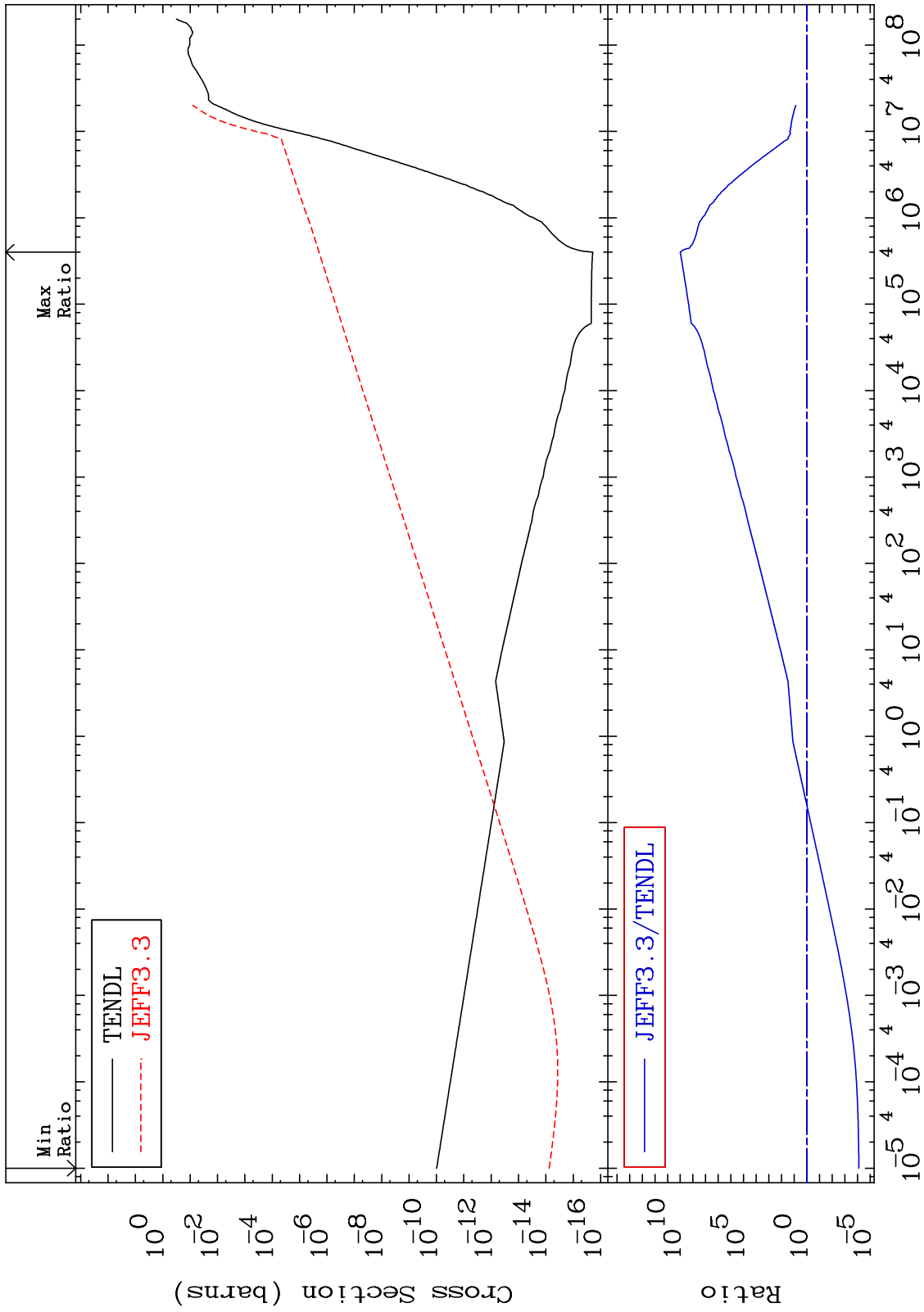




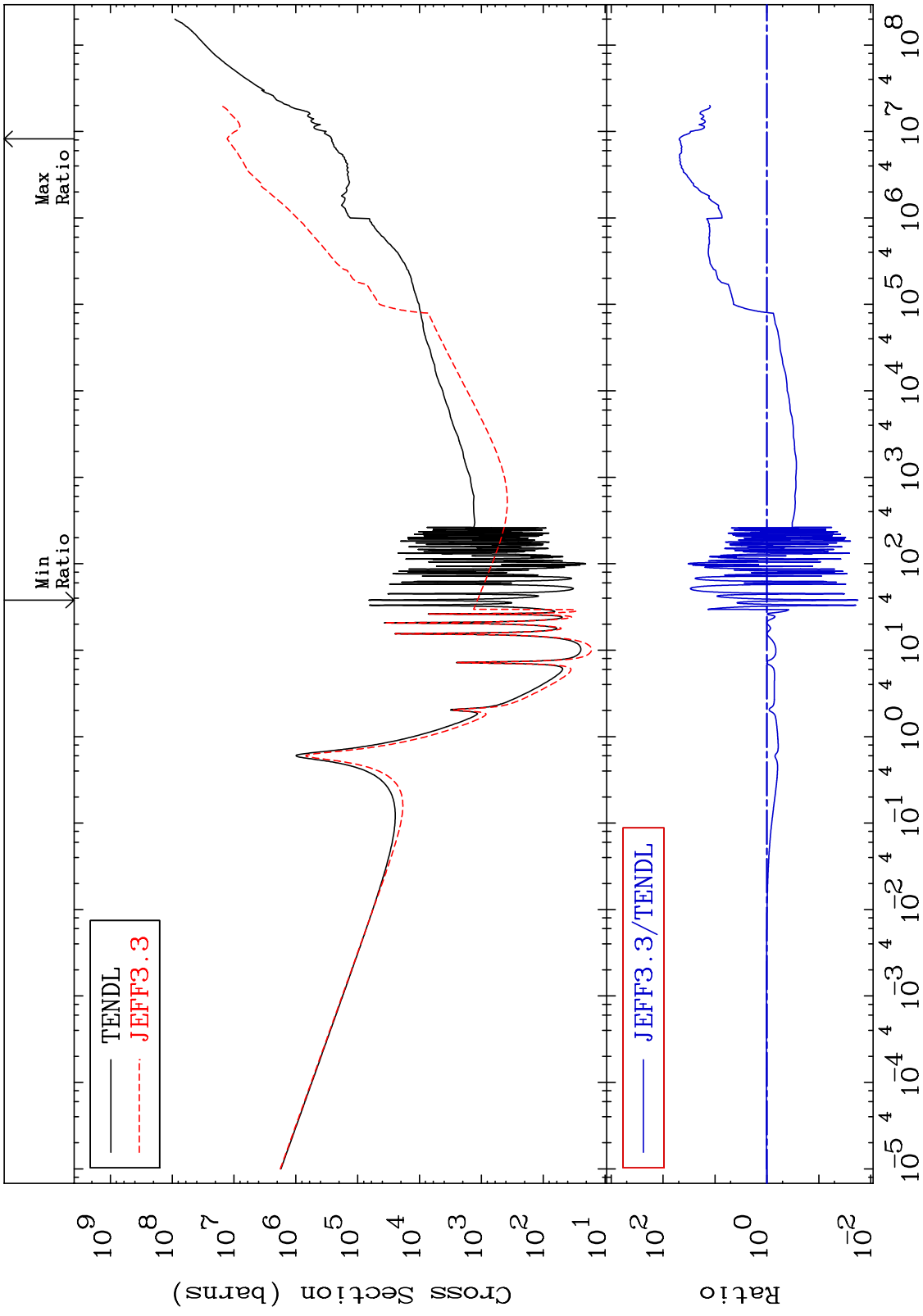
MAT 6337

He-4 Production  
Cross Section

63-Eu-155  
-99.99 To 9999. %



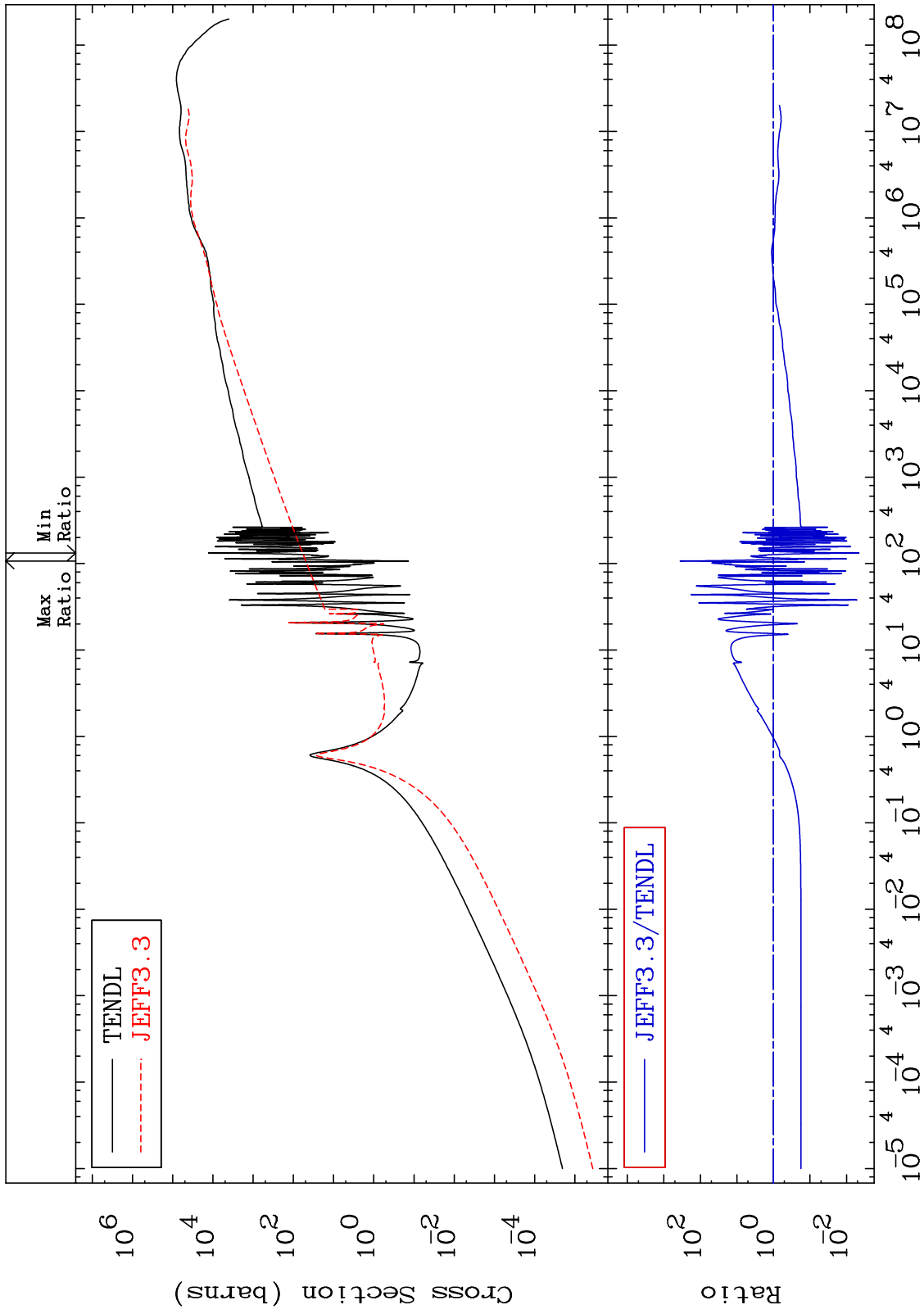
MAT 6337 Kerma total (eV-barns) Cross Section 63-Eu-155 -98.23 To 4813. %



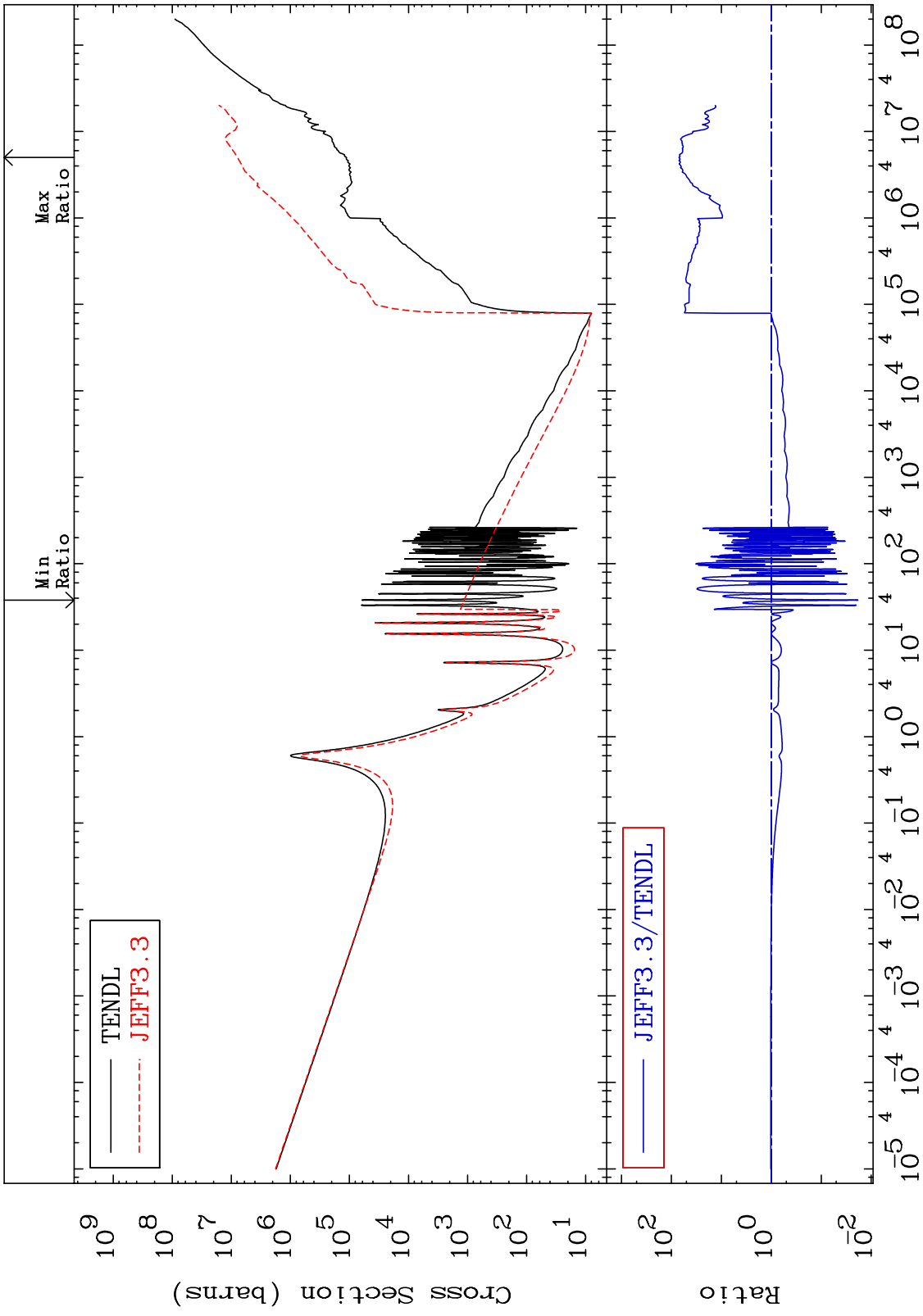
MAT 6337

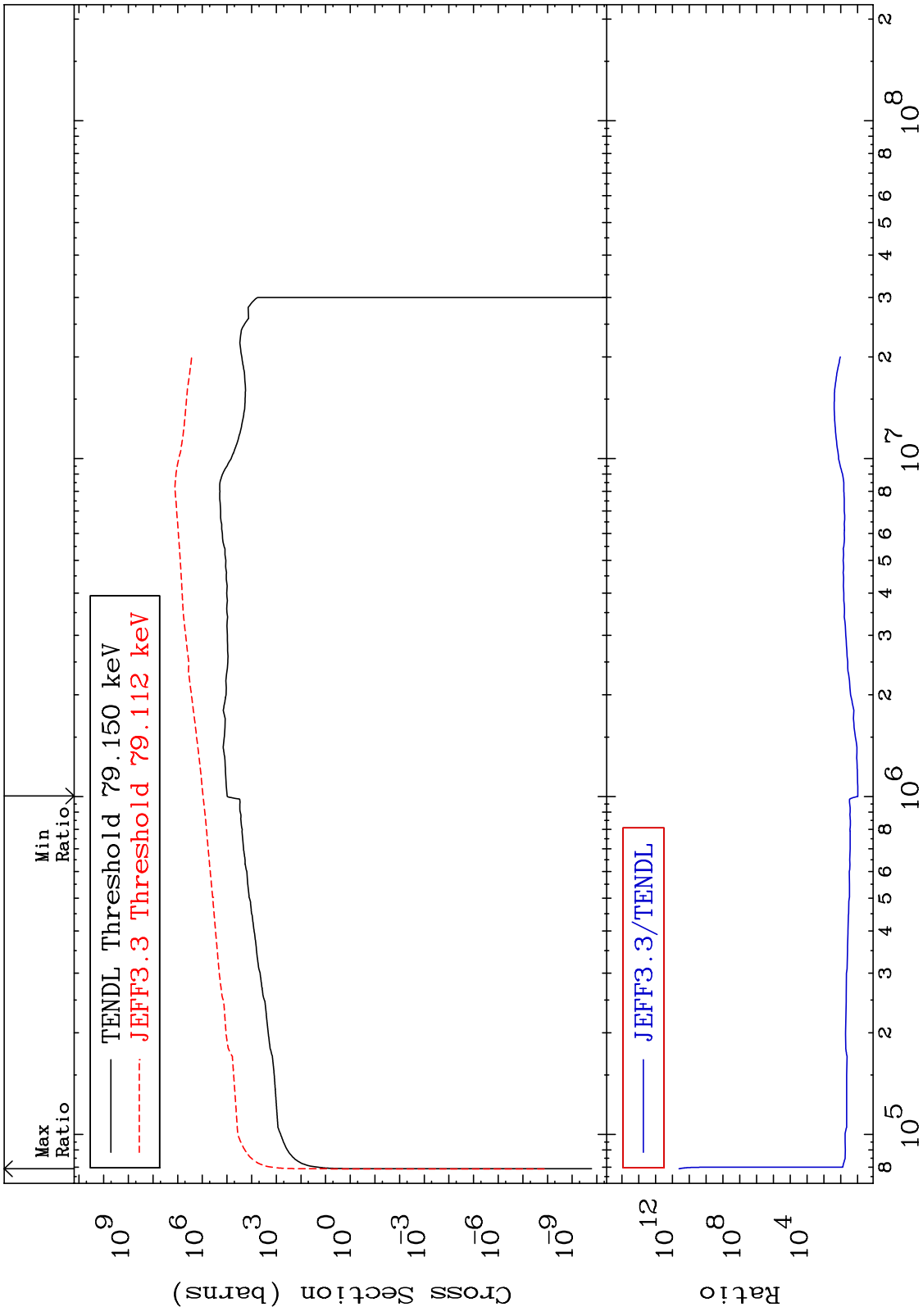
Kerma elastic  
Cross Section

63-Eu-155  
-99.54 To 9999. %



MAT 6337 Kerma non-elastic (all but mt2) 63-Eu-155  
 Cross Section -98.15 To 6939. %

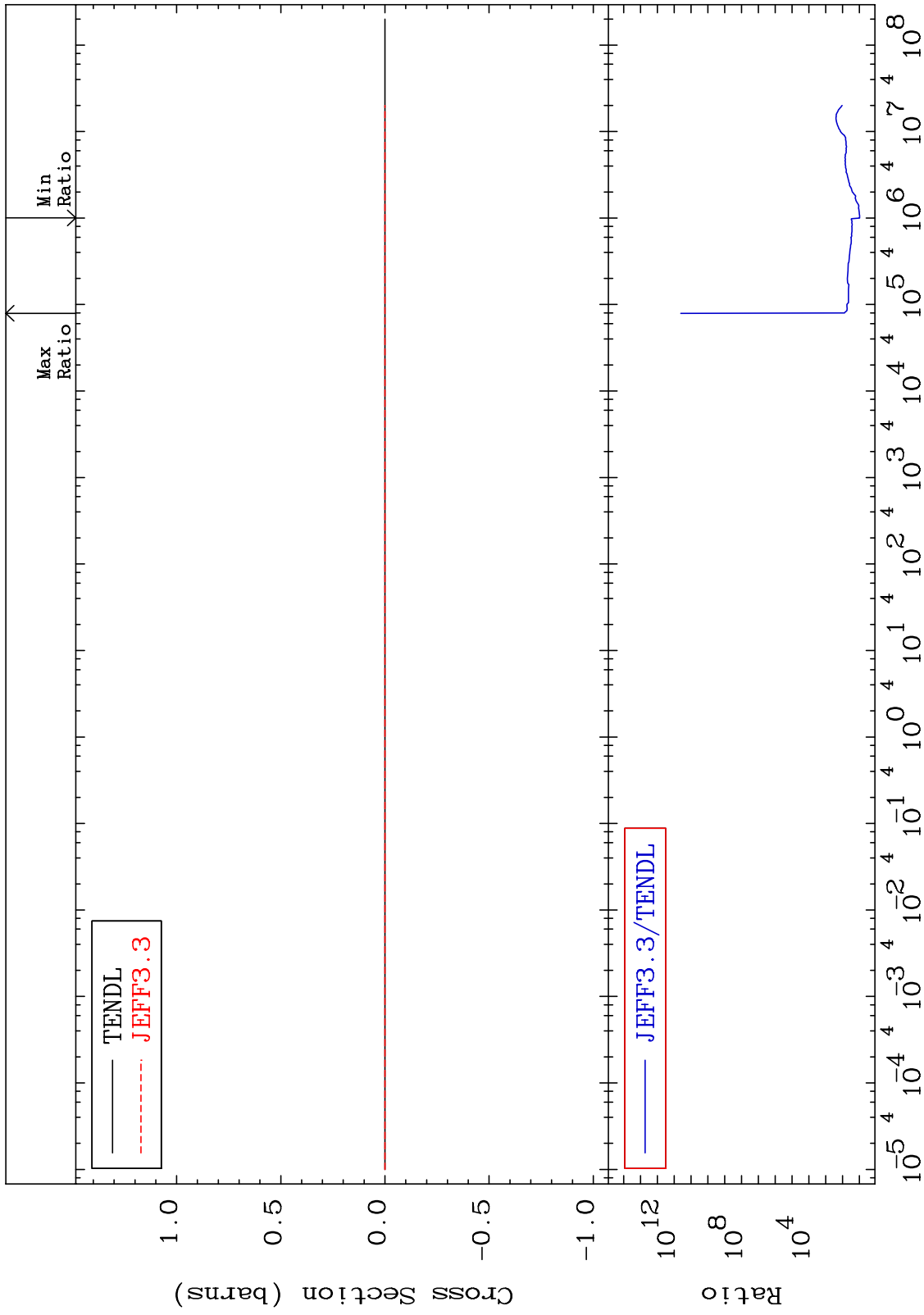




MAT 6337

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

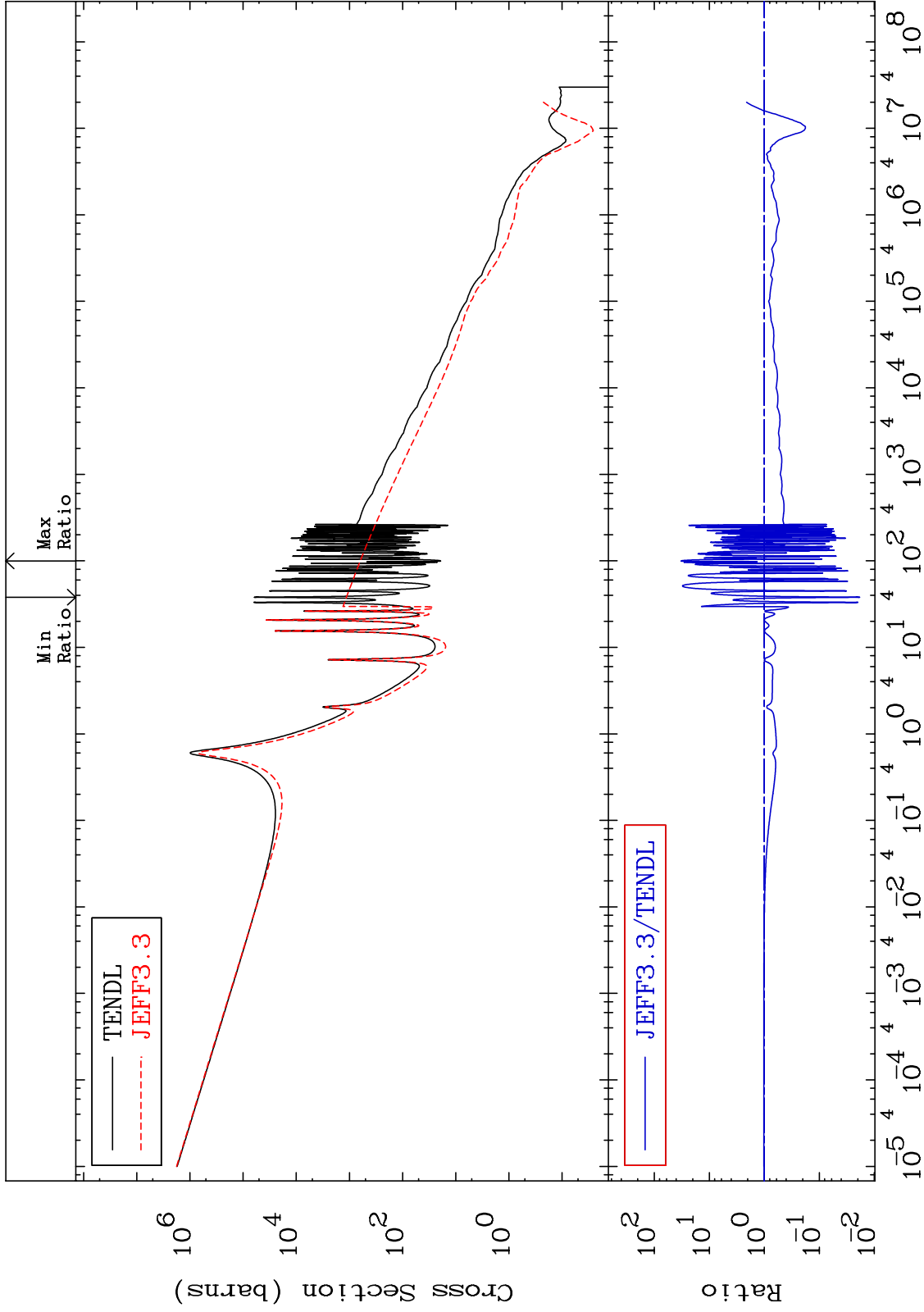
63-Eu-155  
851.1 To 9999. %



MAT 6337

Kerma capture (mt102)  
Cross Section

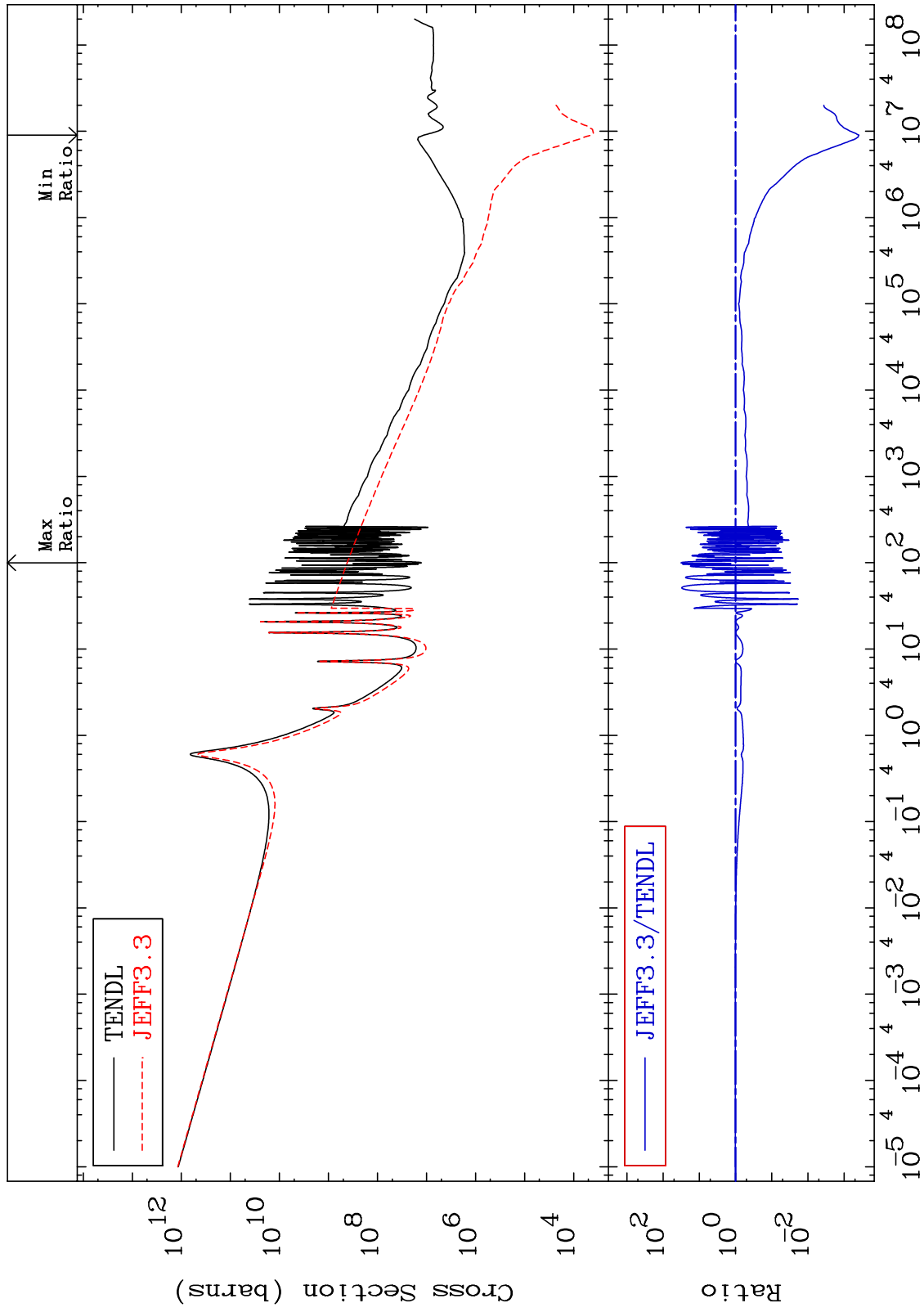
63-Eu-155  
-98.15 To 3196. %



MAT 6337

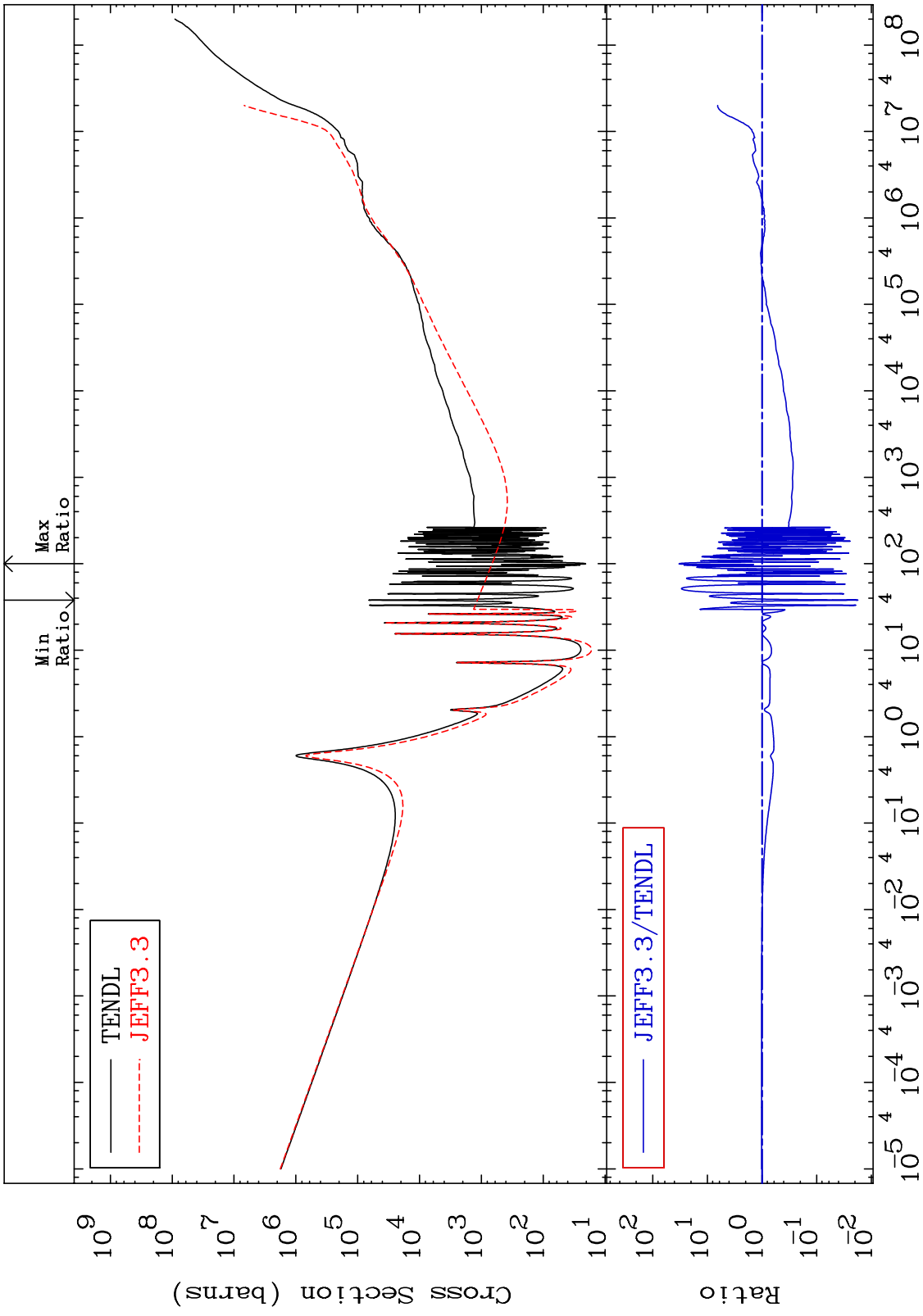
Total photon (eV-barns)  
Cross Section

63-Eu-155  
-99.96 To 3197. %

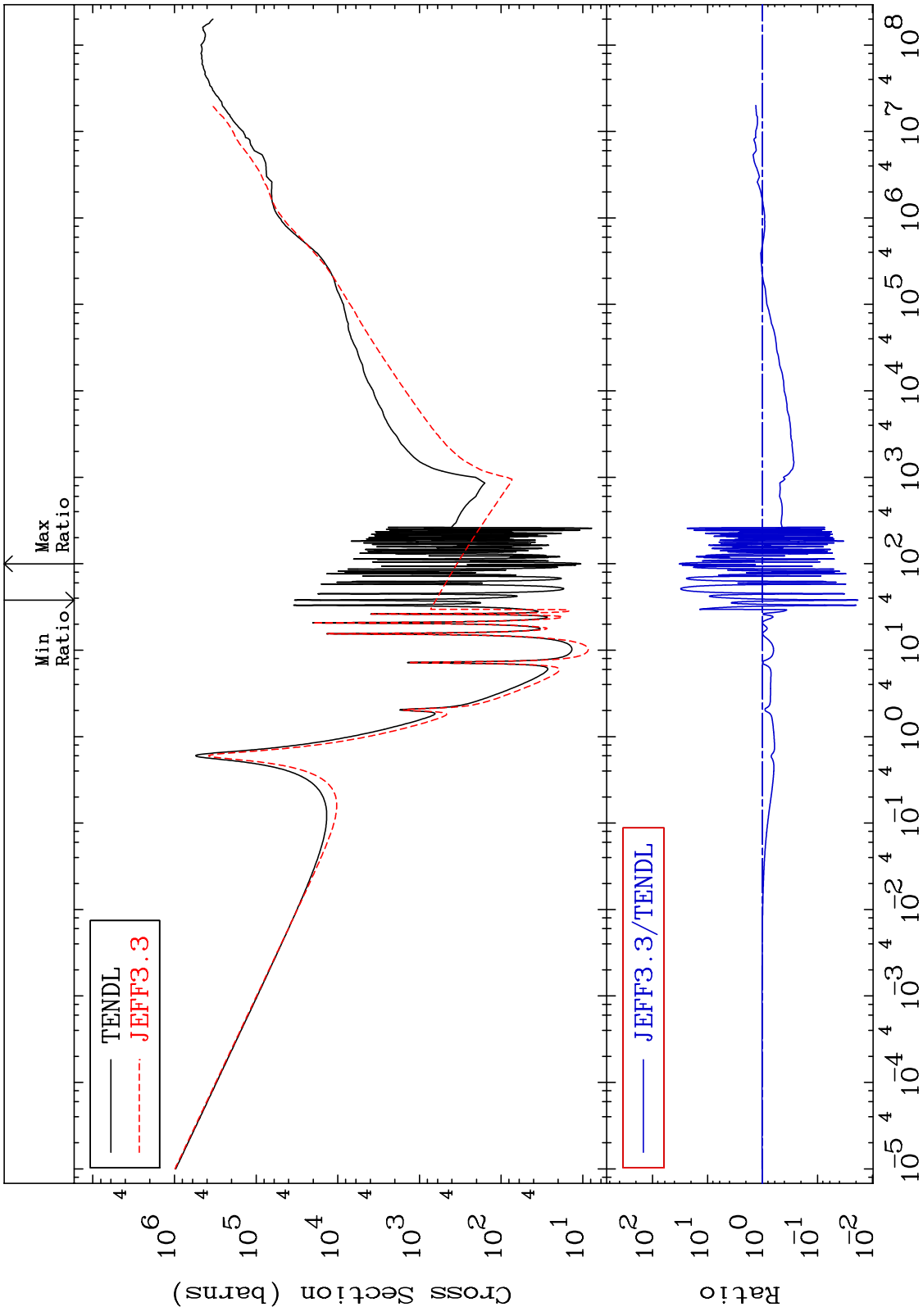




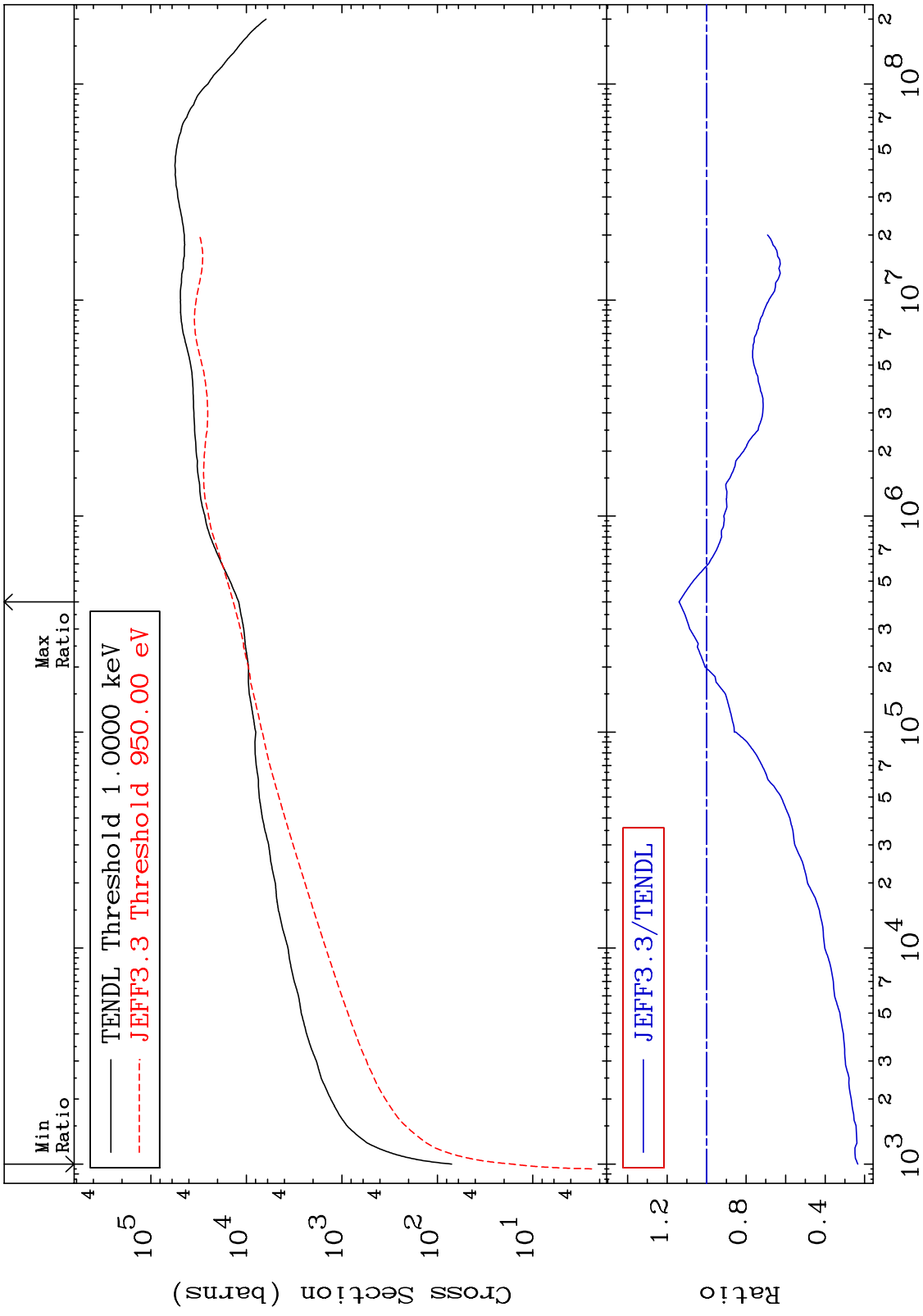
MAT 6337      Total kinematic kerma (high limit)      63-Eu-155  
 Cross Section      -98.23 To 3194. %



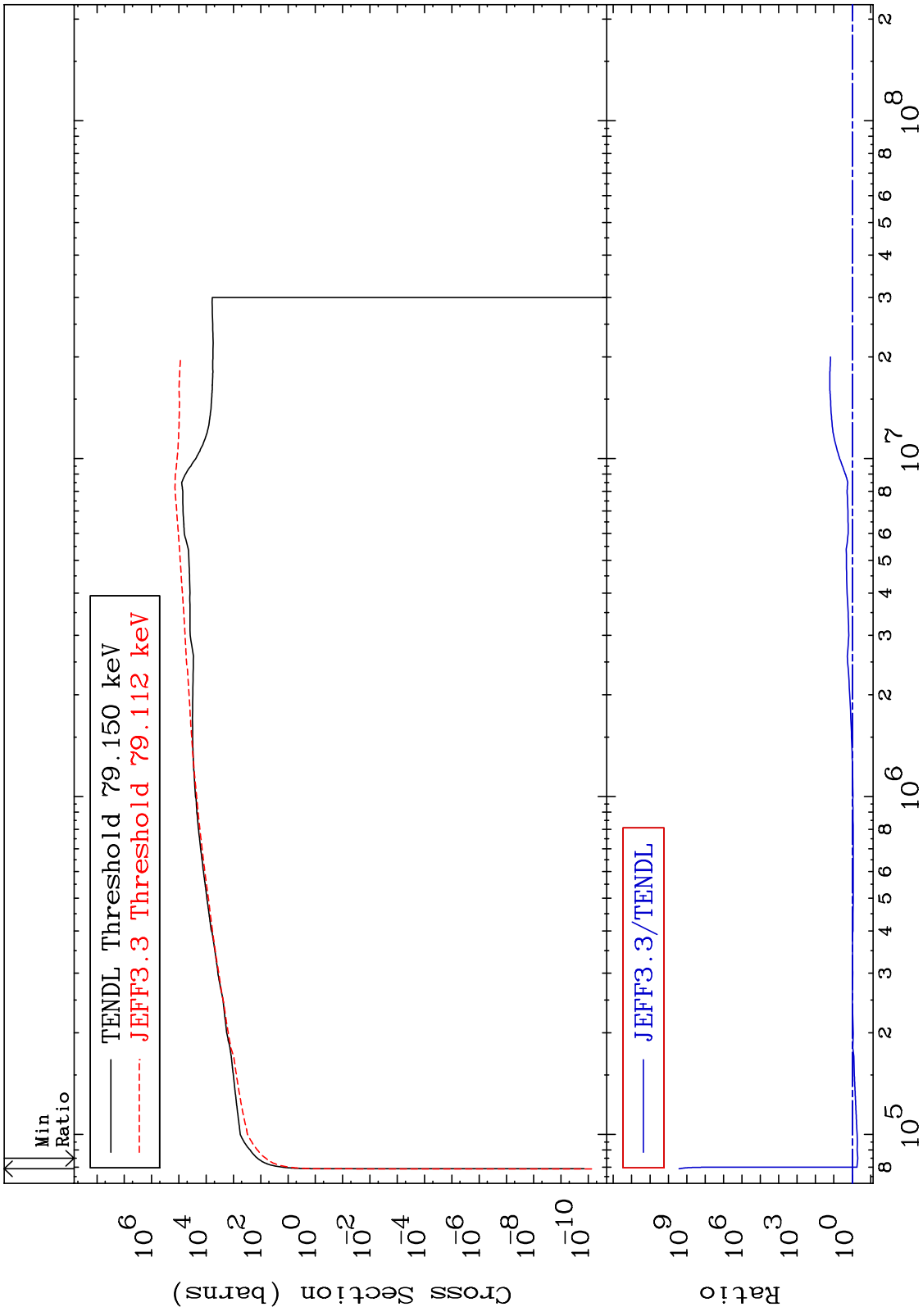
MAT 6337      Dpa total (eV-barns)      63-Eu-155  
 Cross Section      -98.15 To 3196. %



MAT 6337 63-Eu-155  
-76.56 To 13.94 %  
 Dpa elastic (mt2)  
 Cross Section



MAT 6337      Dpa inelastic (mt51-91)      63-Eu-155  
 Cross Section      -50.50 To 9999. %



MAT 6337      Dpa disappearance (mt102 -120)      63-Eu-155  
 Cross Section      -98.15 To 3205. %

