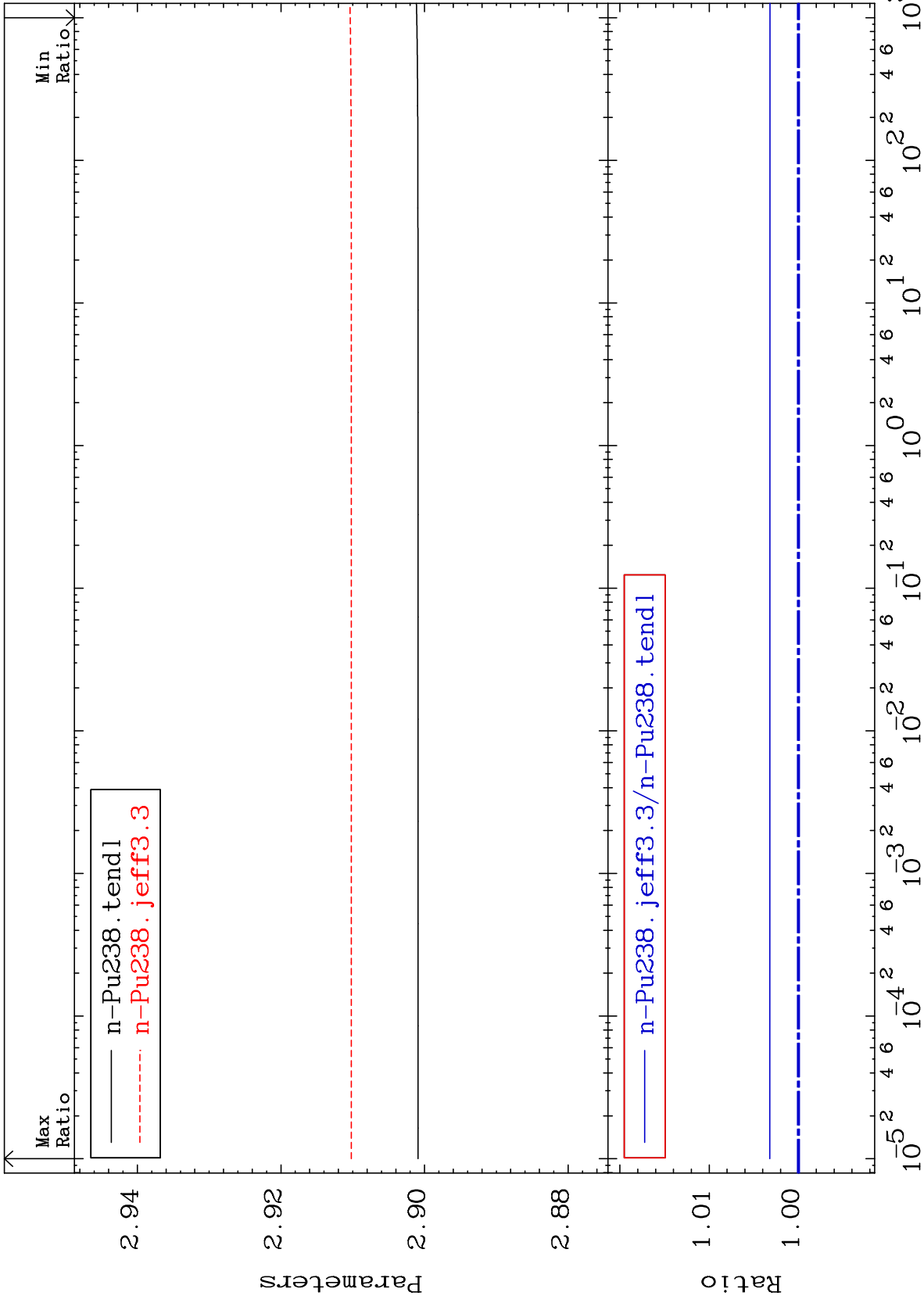


MAT 9434

Total  $\bar{\nu}$   
Parameters

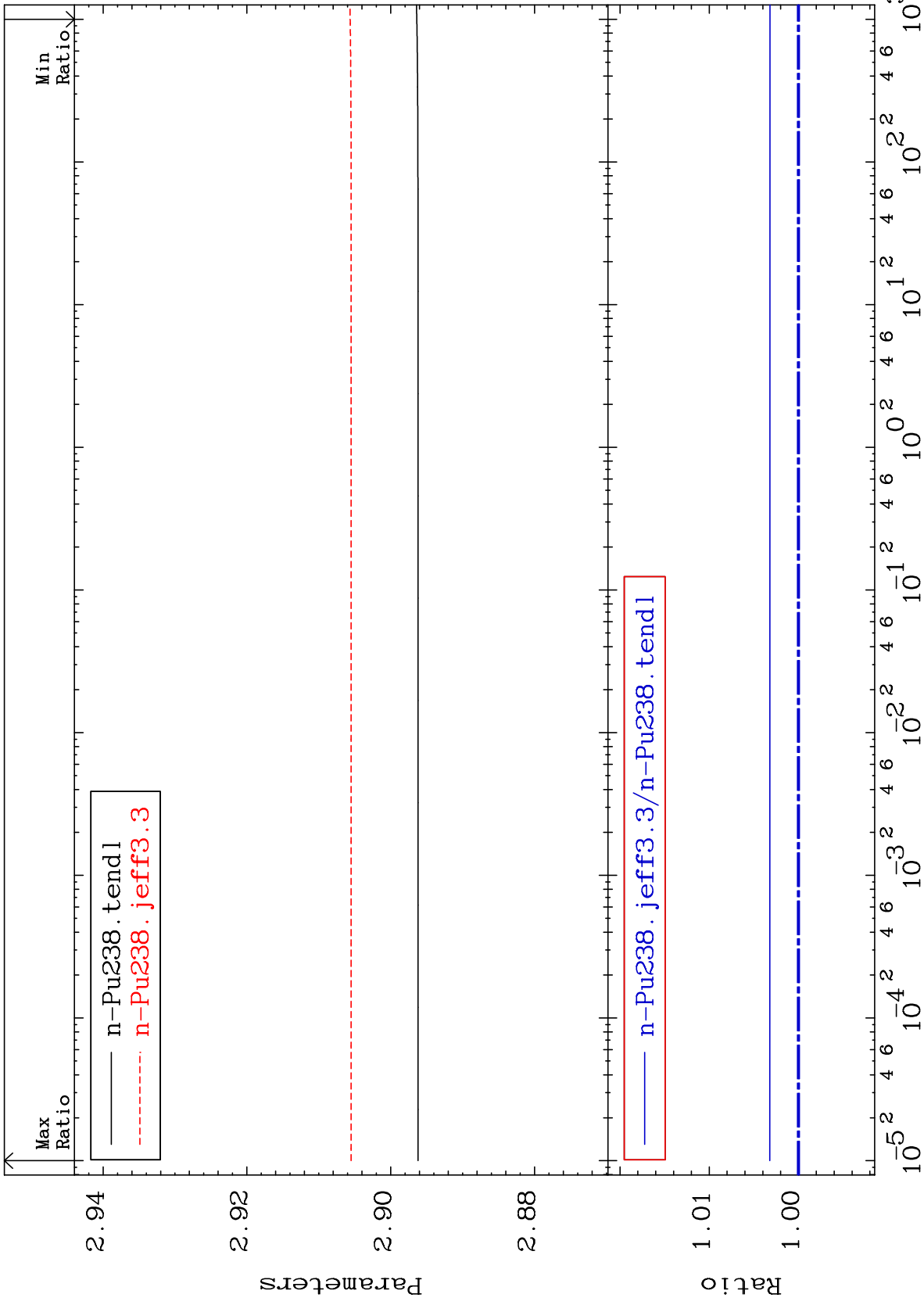
94-Pu-238  
0.319 To 0.320 %



MAT 9434

Prompt  $\bar{\nu}$   
Parameters

94-Pu-238  
0.320 To 0.321 %



94-Pu-238

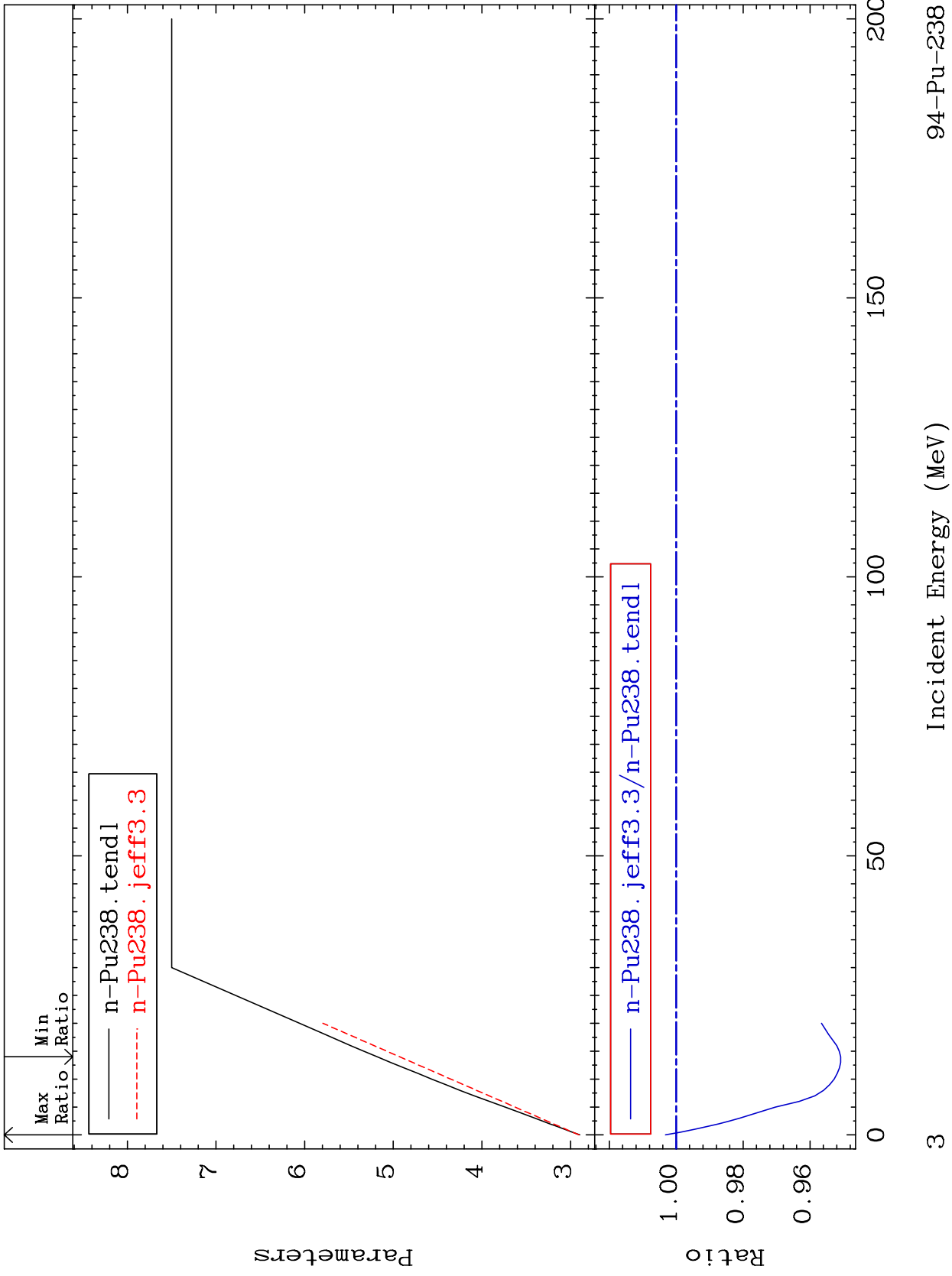
Incident Energy (eV)

2

MAT 9434

Prompt  $\bar{\nu}$   
Parameters

94-Pu-238  
-4.916 To 0.321 %



Incident Energy (MeV)

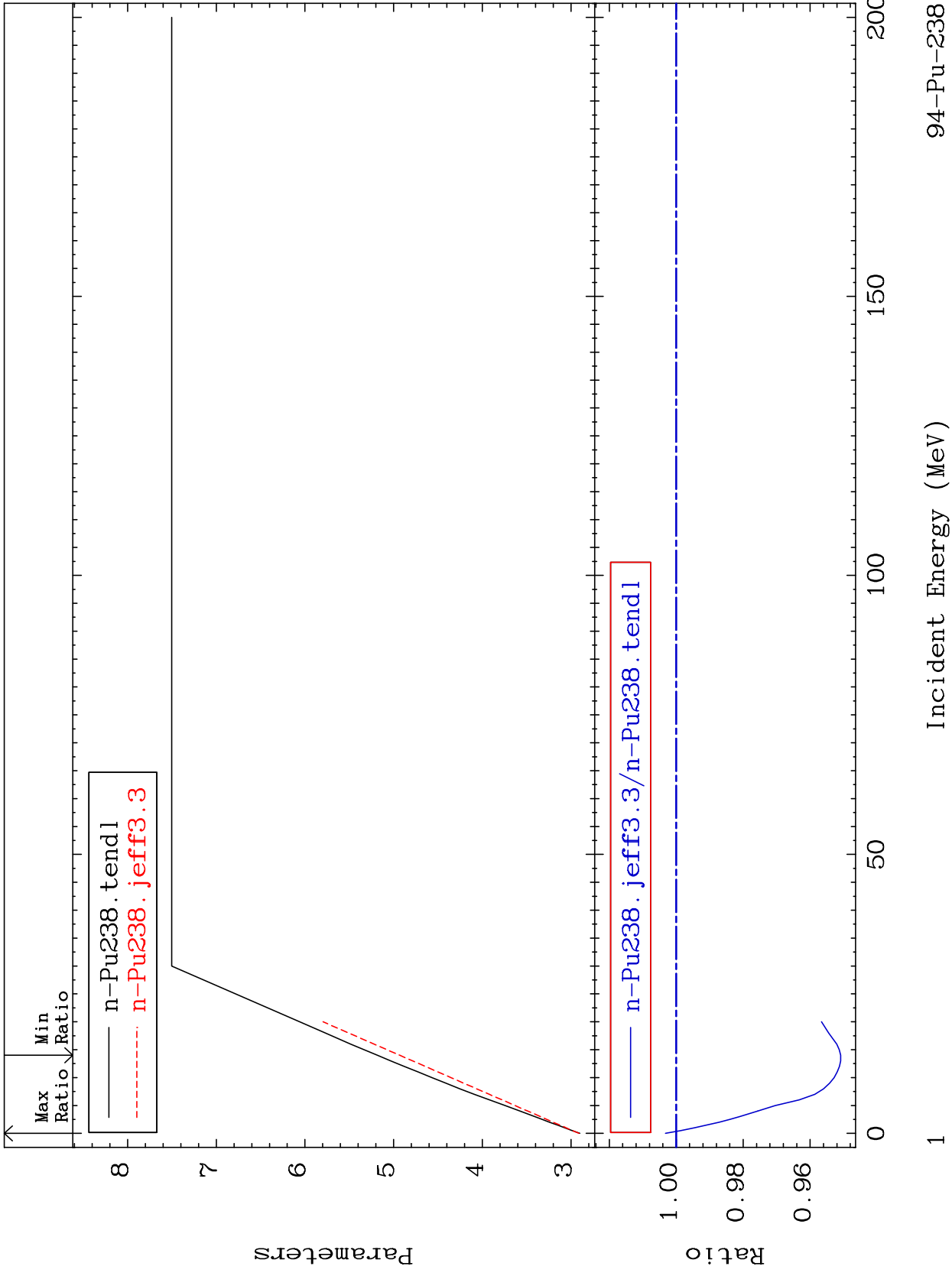
94-Pu-238

3

MAT 9434

Total  $\bar{\nu}$   
Parameters

94-Pu-238  
-4.913 To 0.320 %



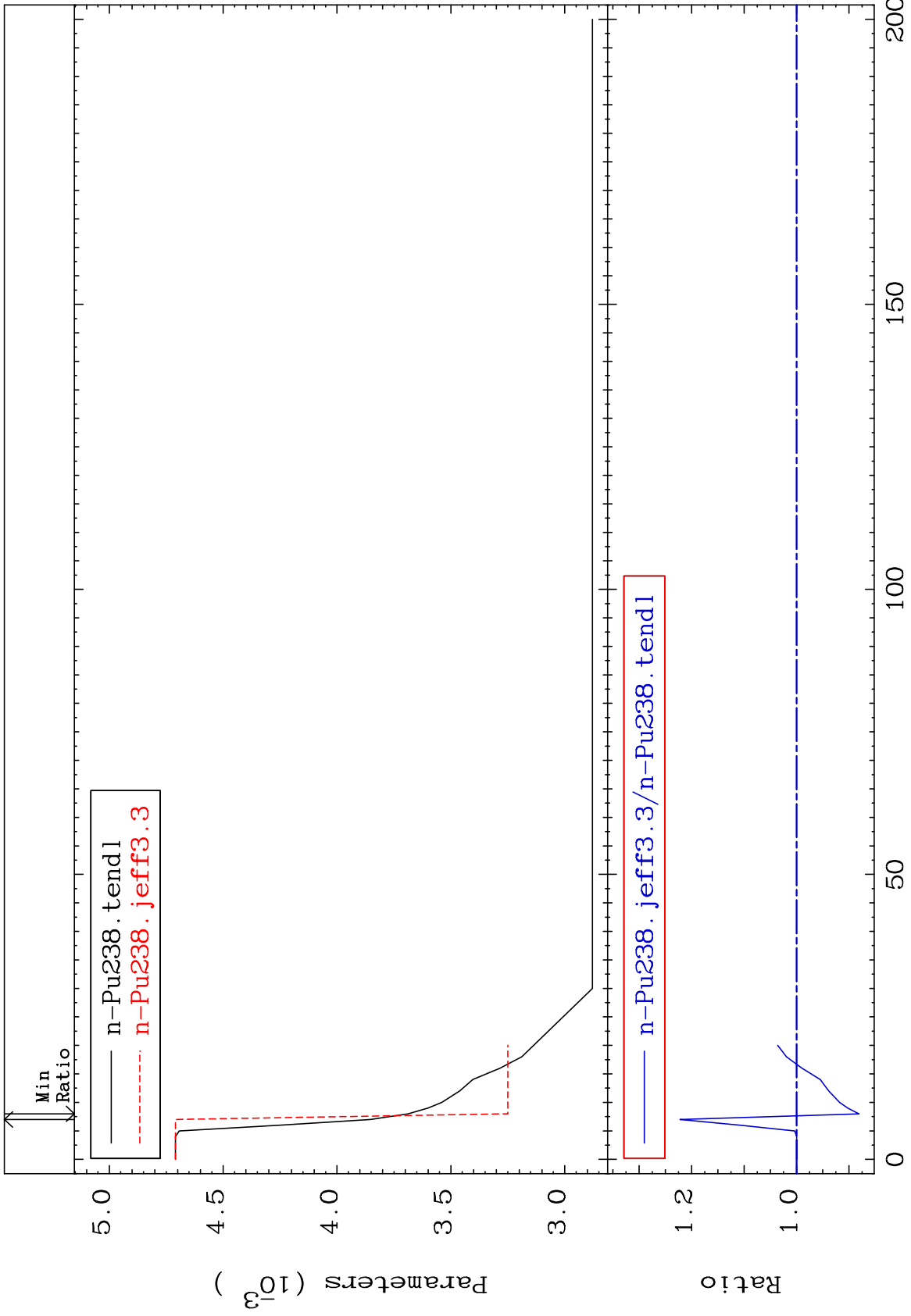
Incident Energy (MeV)

94-Pu-238

MAT 9434

Delayed  $\bar{\nu}$   
Parameters

94-Pu-238  
-11.90 To 22.21 %



Incident Energy (MeV)

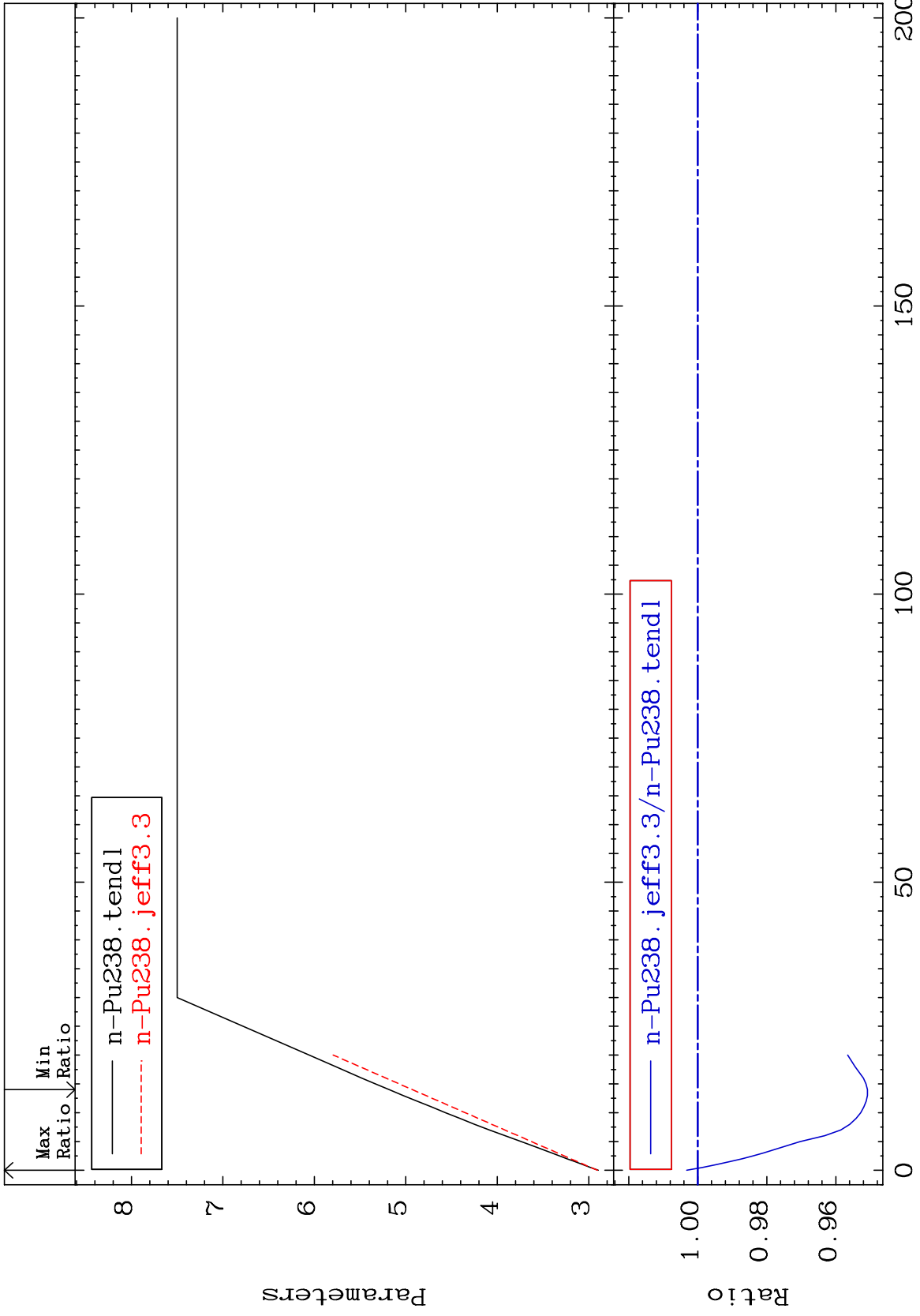
94-Pu-238

2

MAT 9434

Prompt  $\bar{\nu}$   
Parameters

94-Pu-238  
-4.916 To 0.321 %



Incident Energy (MeV)

94-Pu-238

3

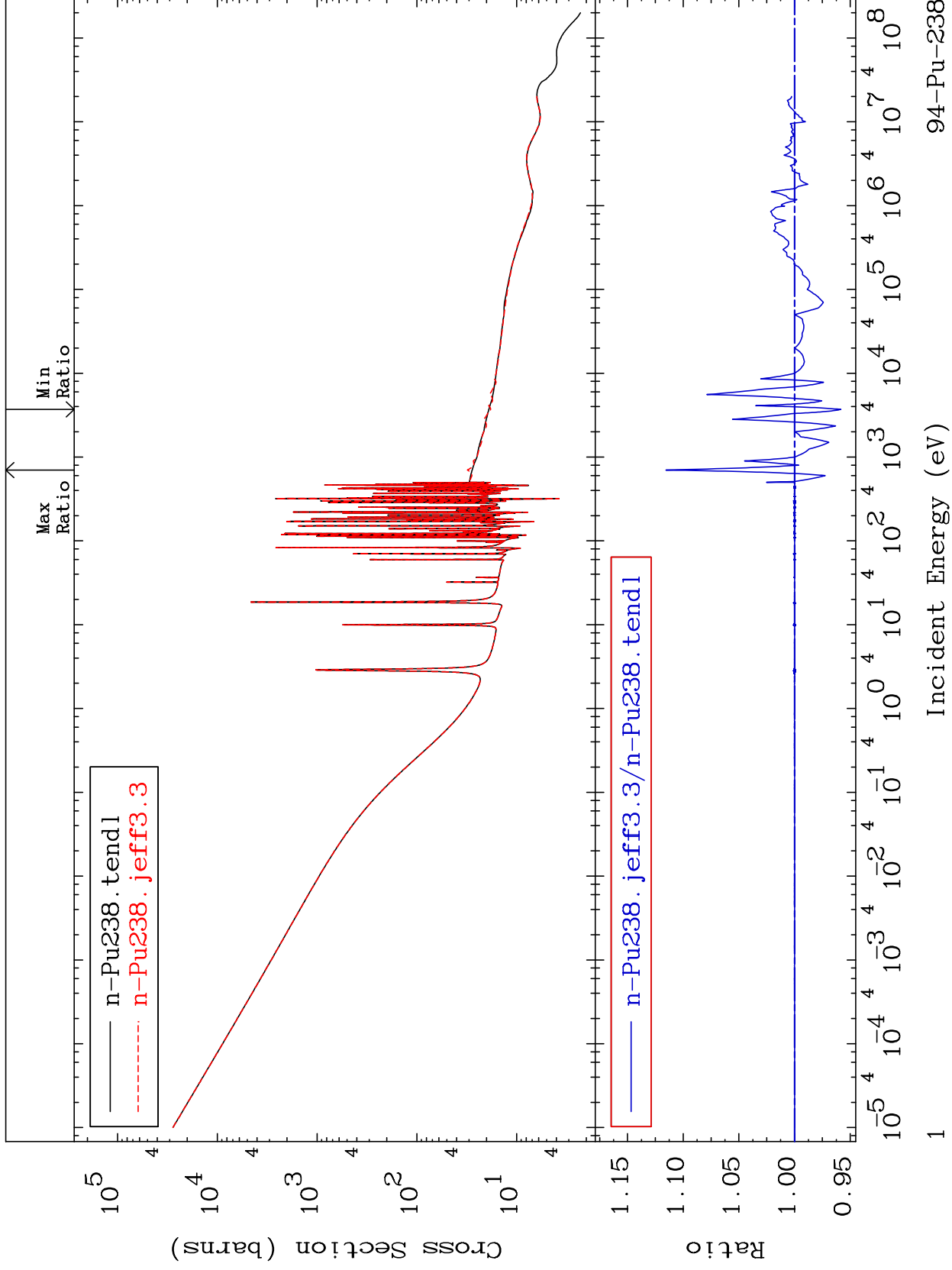
MAT 9434

Total

94-Pu-238

Cross Section

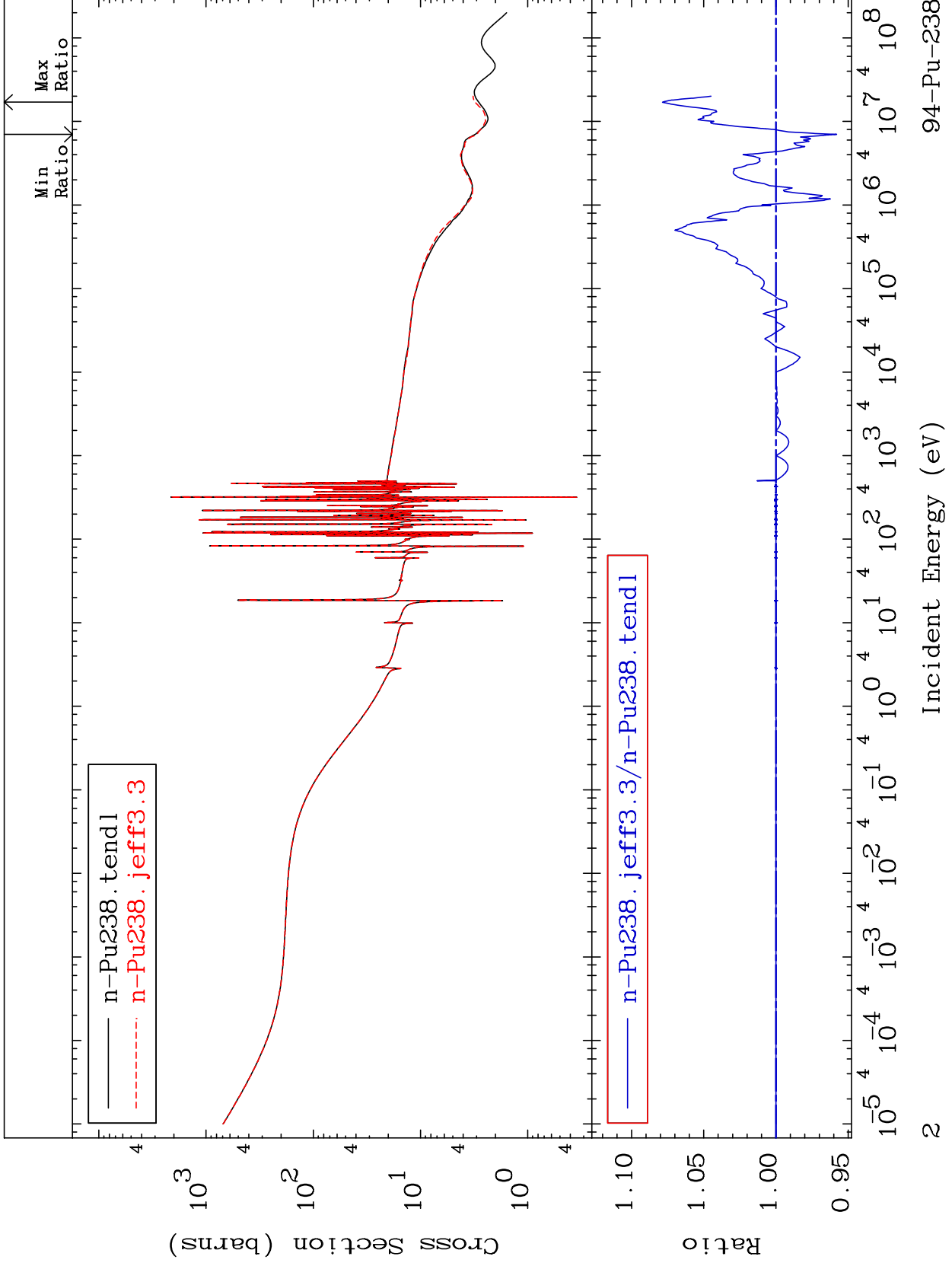
-4.158 To 11.55 %



MAT 9434

Elastic  
Cross Section

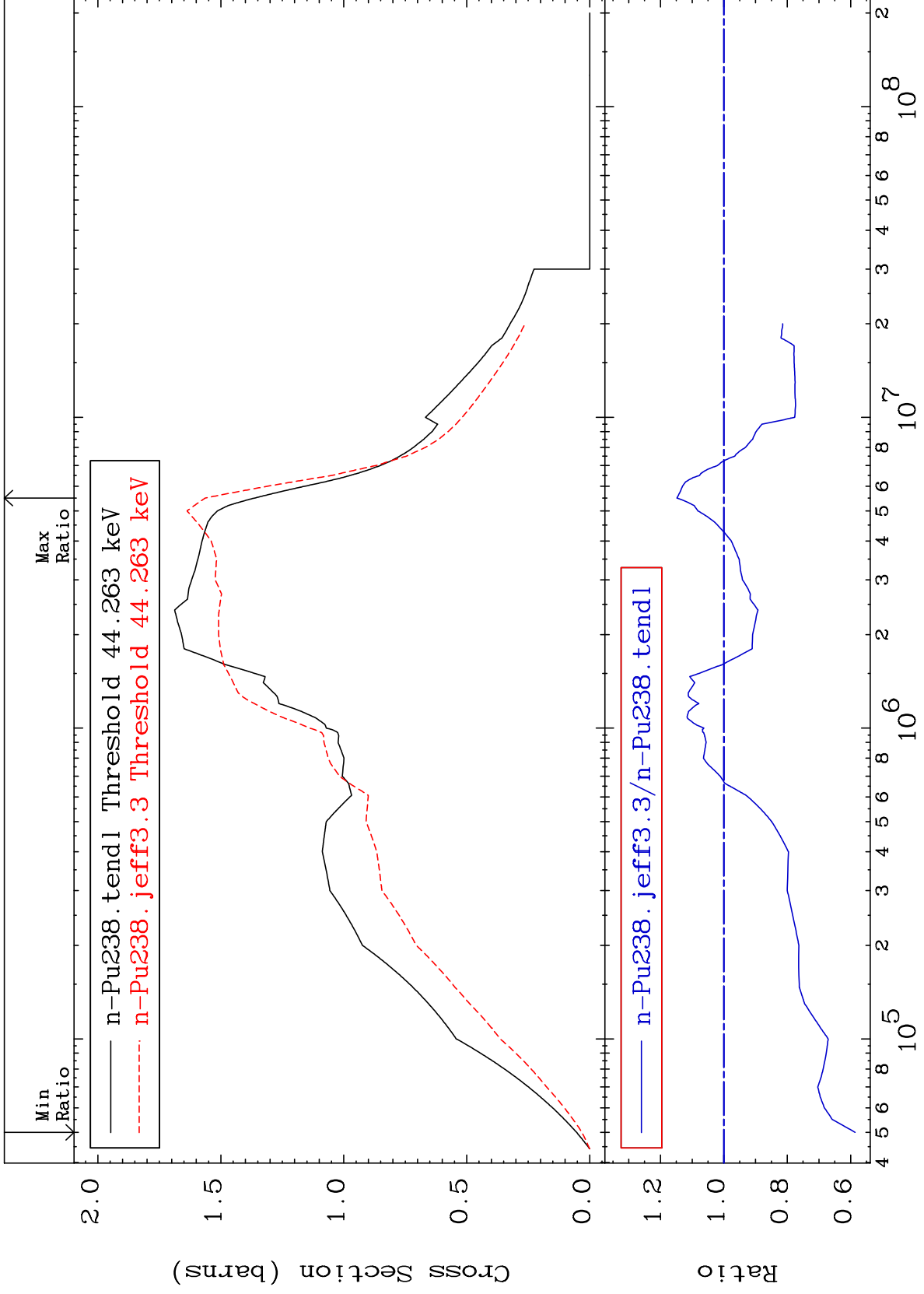
94-Pu-238  
-4.202 To 7.869 %





MAT 9434

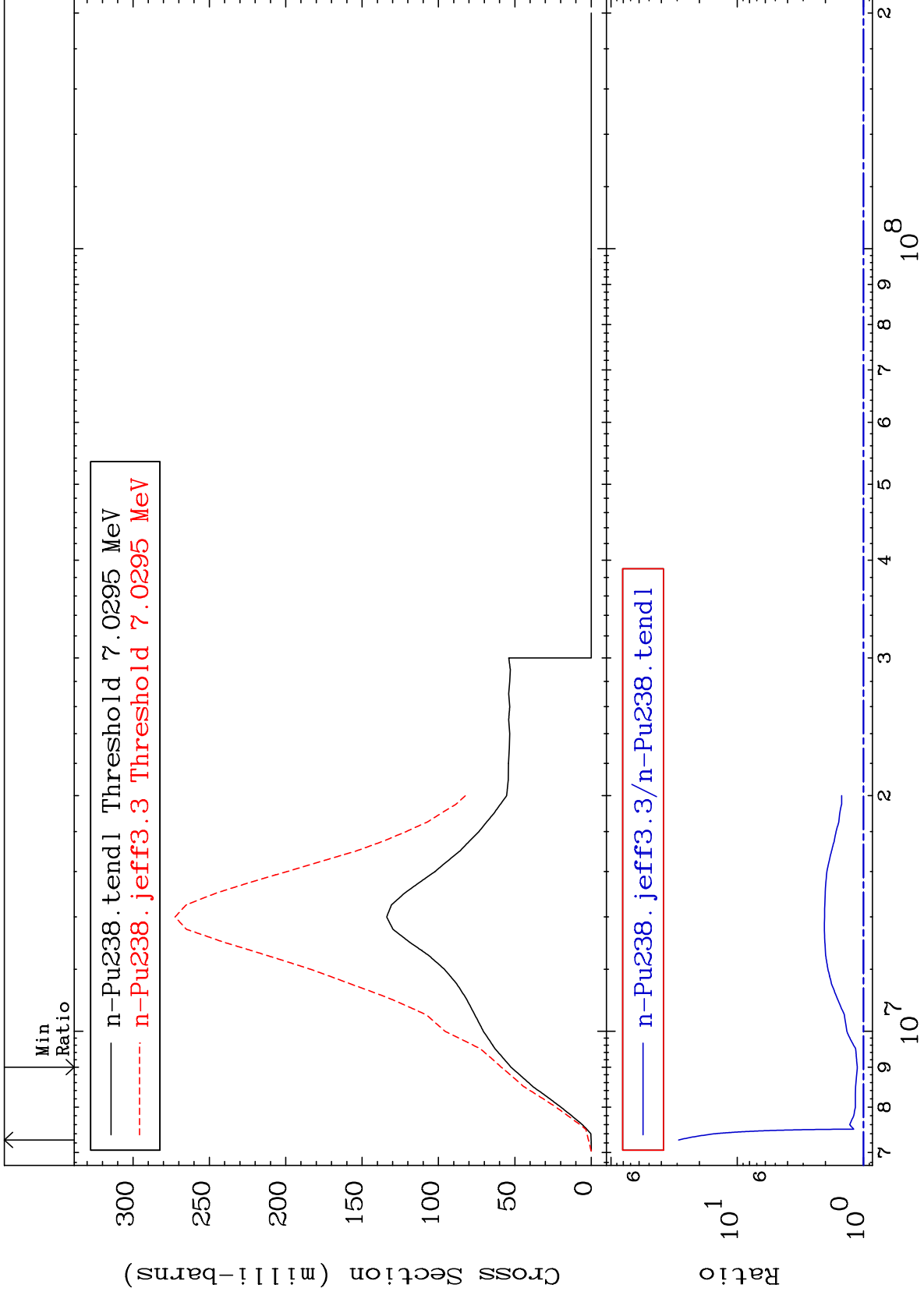
Inelastic Cross Section  
94-Pu-238  
-41.40 To 14.80 %



MAT 9434

(n,2n)  
Cross Section

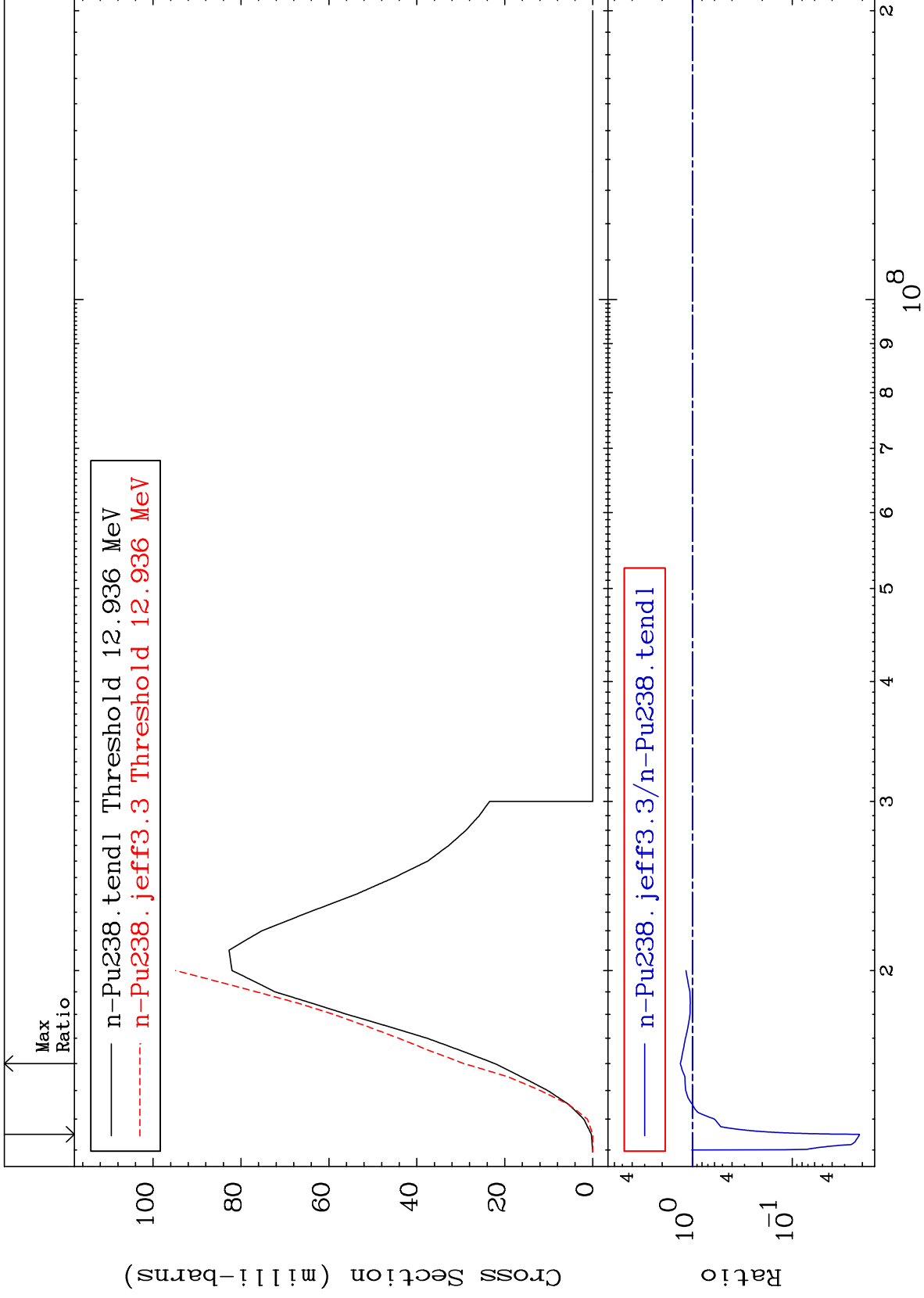
94-Pu-238  
12.02 To 2816. %



MAT 9434

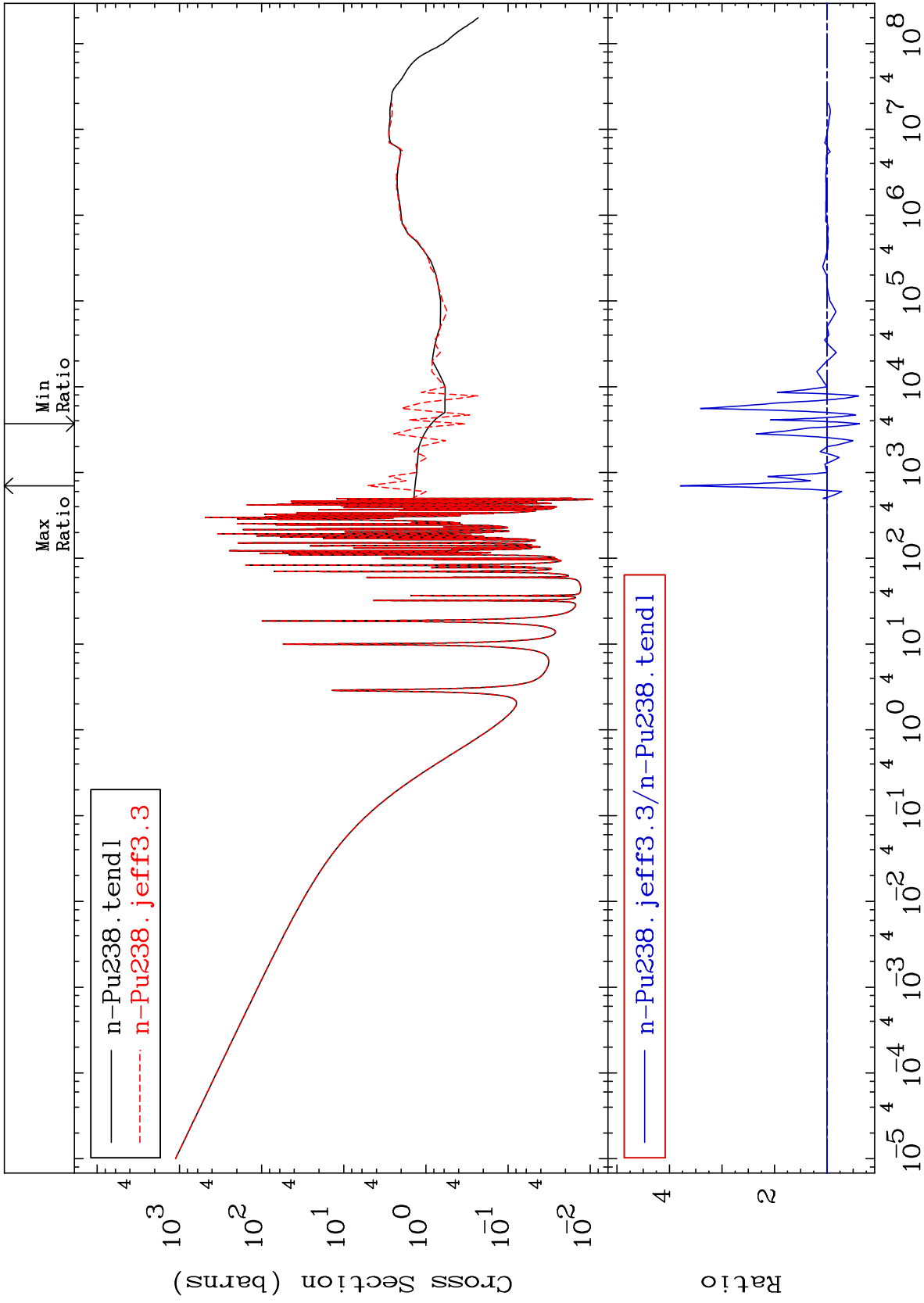
(n,3n)  
Cross Section

94-Pu-238  
-97.86 To 31.69 %



MAT 9434

Fission Cross Section 94-Pu-238  
-61.77 To 279.1 %



94-Pu-238

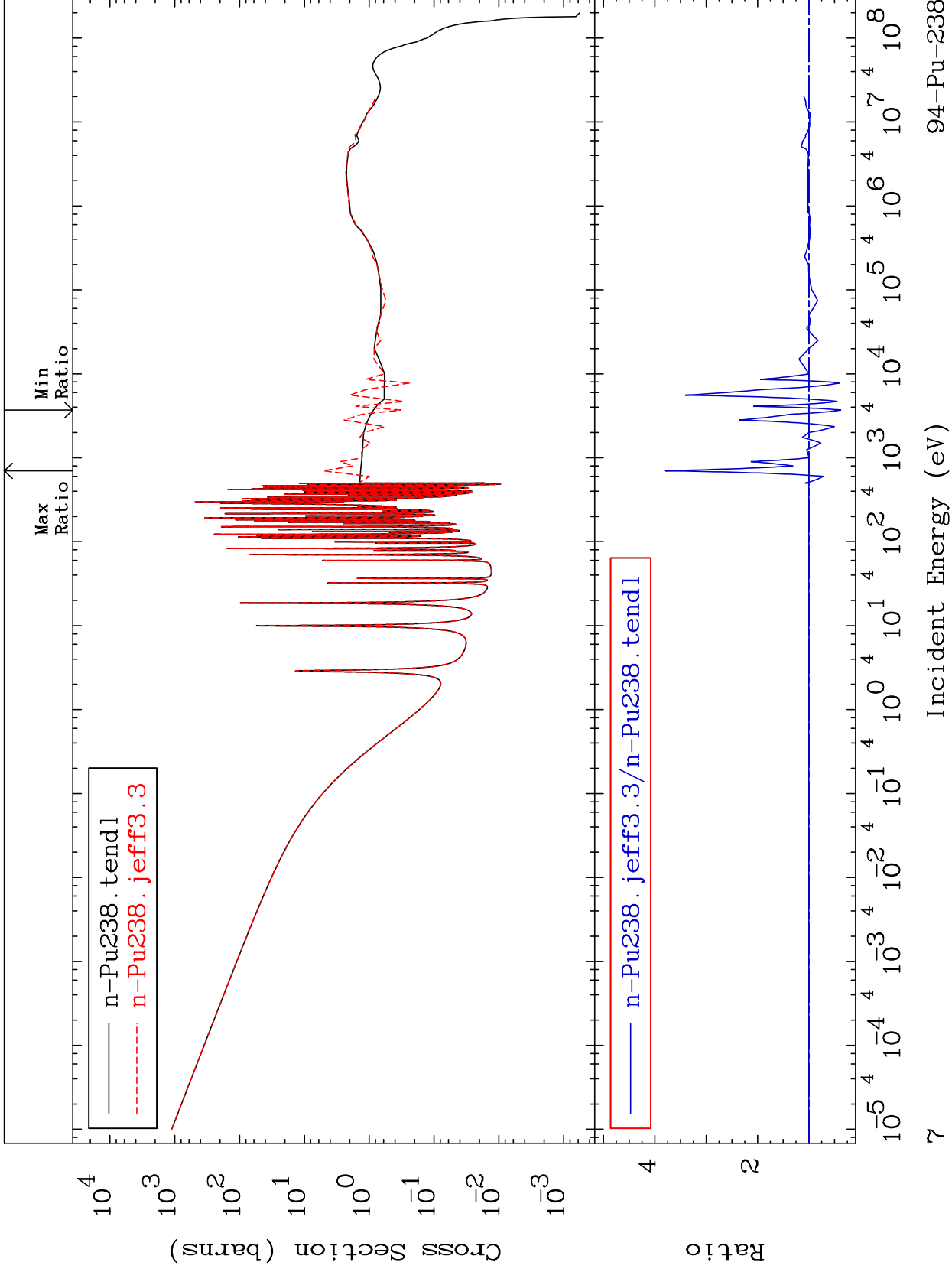
Incident Energy (eV)

6

MAT 9434

(n,f) First Chance  
Cross Section

94-Pu-238  
-61.77 To 279.1 %



94-Pu-238

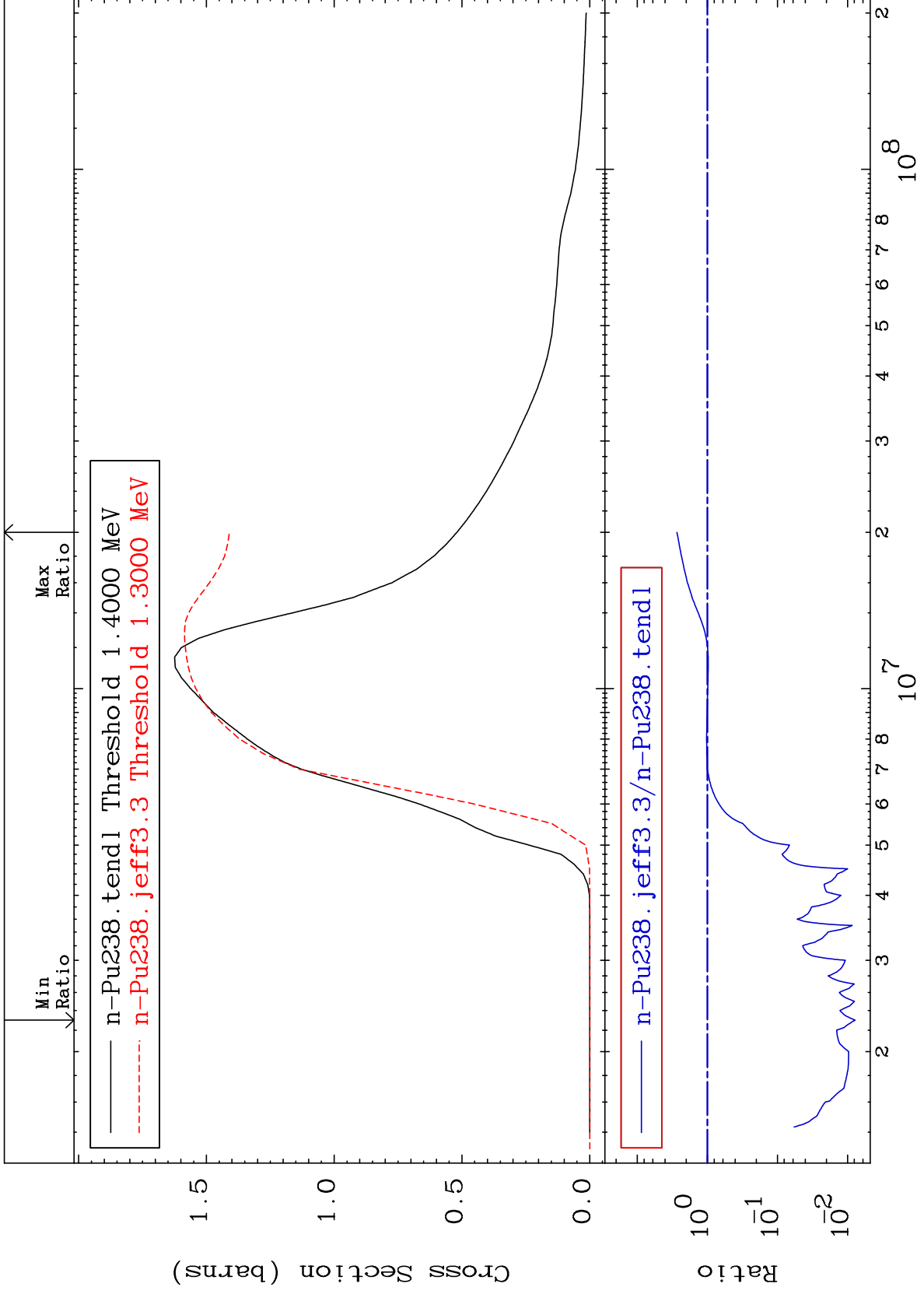
Incident Energy (eV)

7

MAT 9434

(n, nf) Second Chance  
Cross Section

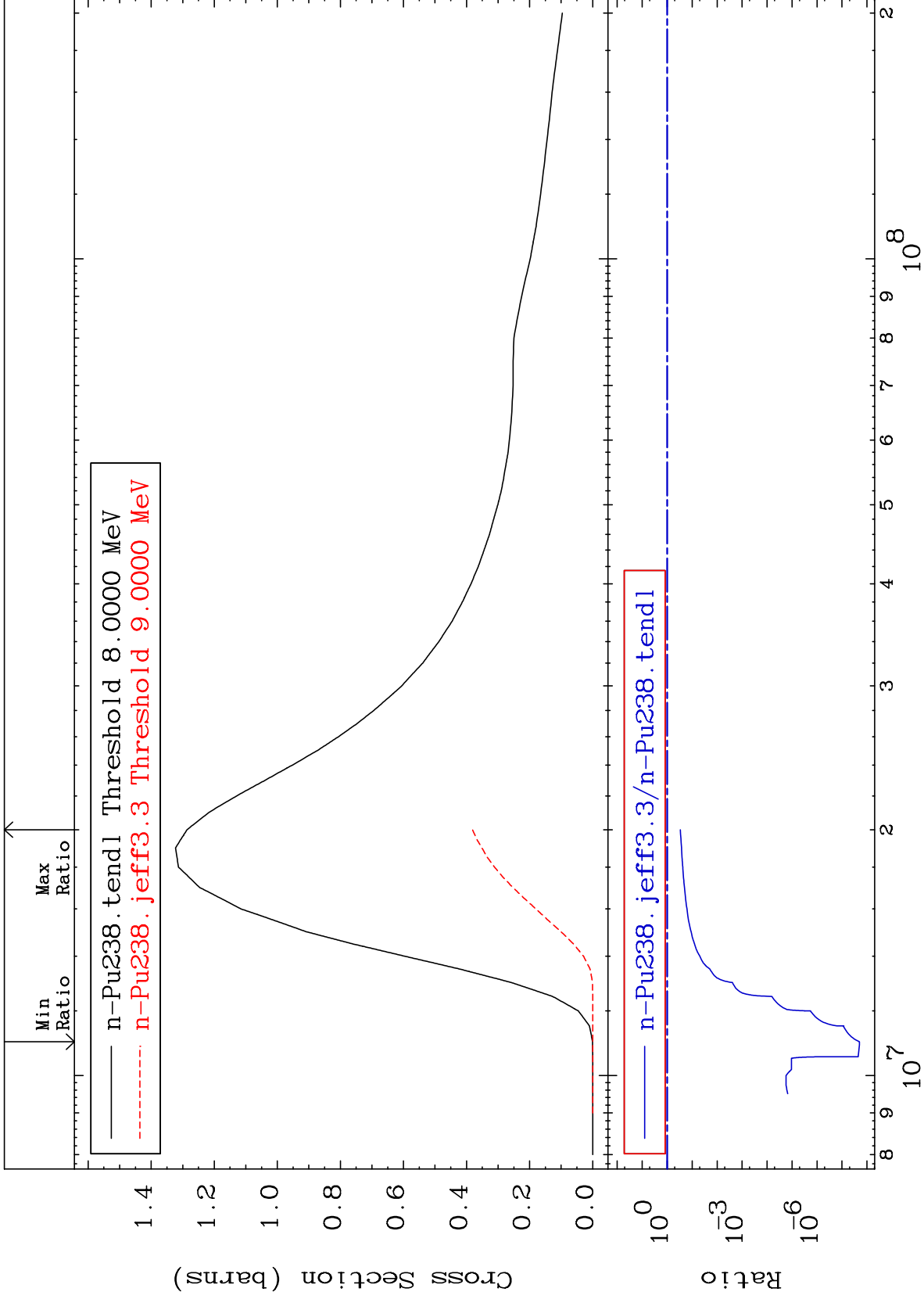
94-Pu-238  
-99.22 To 171.5 %



MAT 9434

(n,2nf) Third Chance  
Cross Section

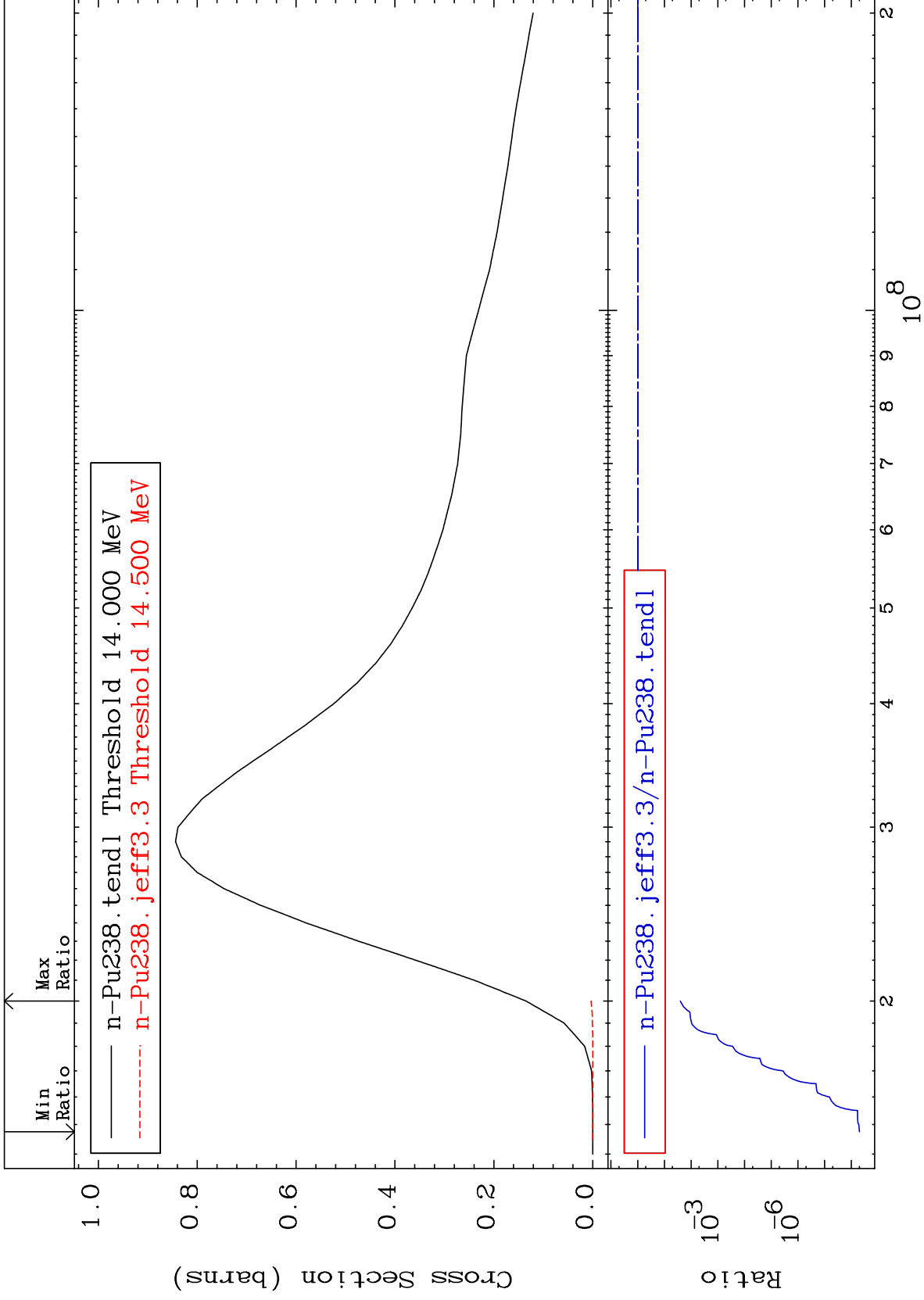
94-Pu-238  
-100.0 To -70.38%



MAT 9434

(n,3nf) Fourth Chance  
Cross Section

94-Pu-238  
-100.0 To -97.47%



10

Incident Energy (eV)

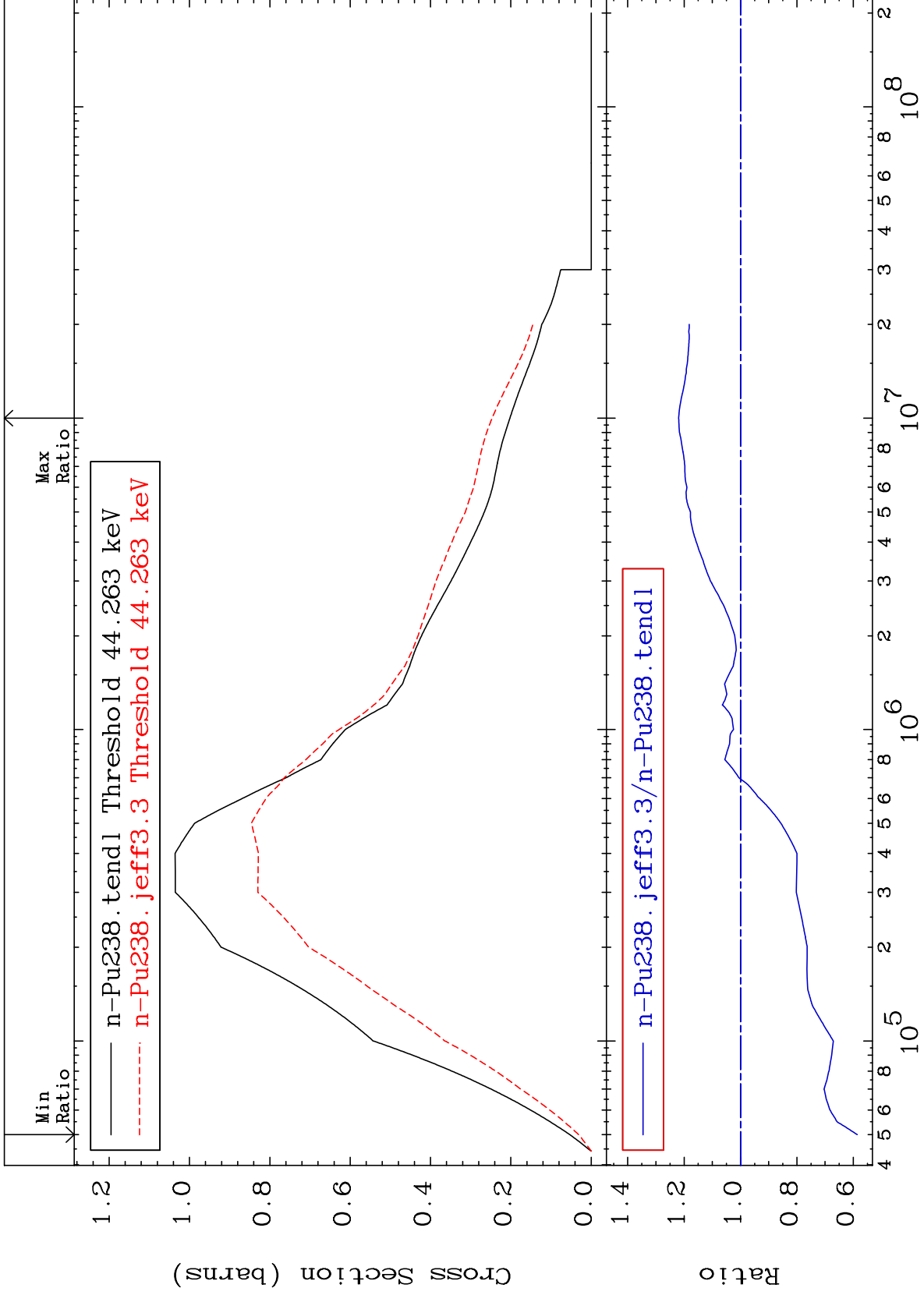
94-Pu-238



MAT 9434

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

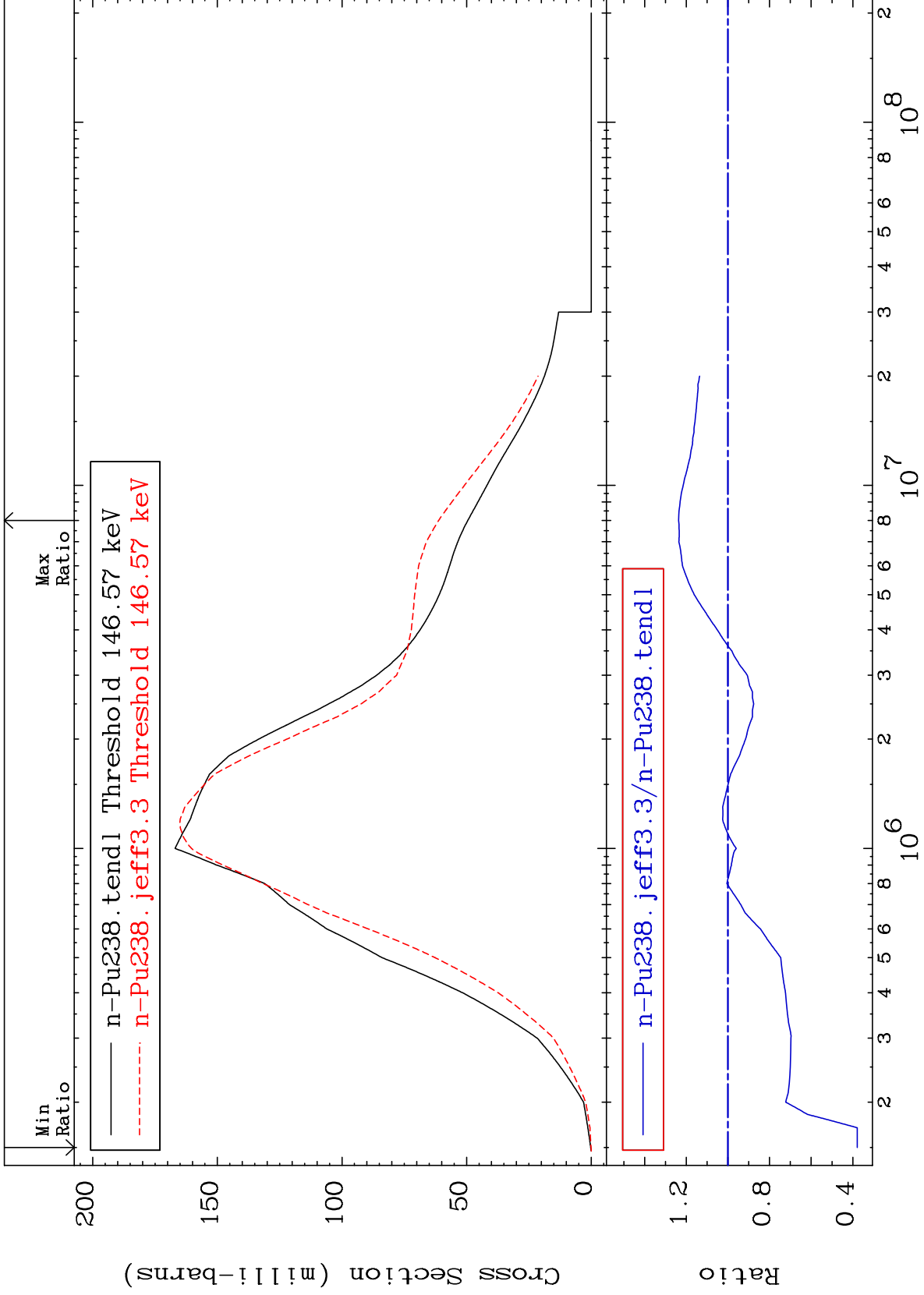
94-Pu-238  
-41.40 To 21.95 %



MAT 9434

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

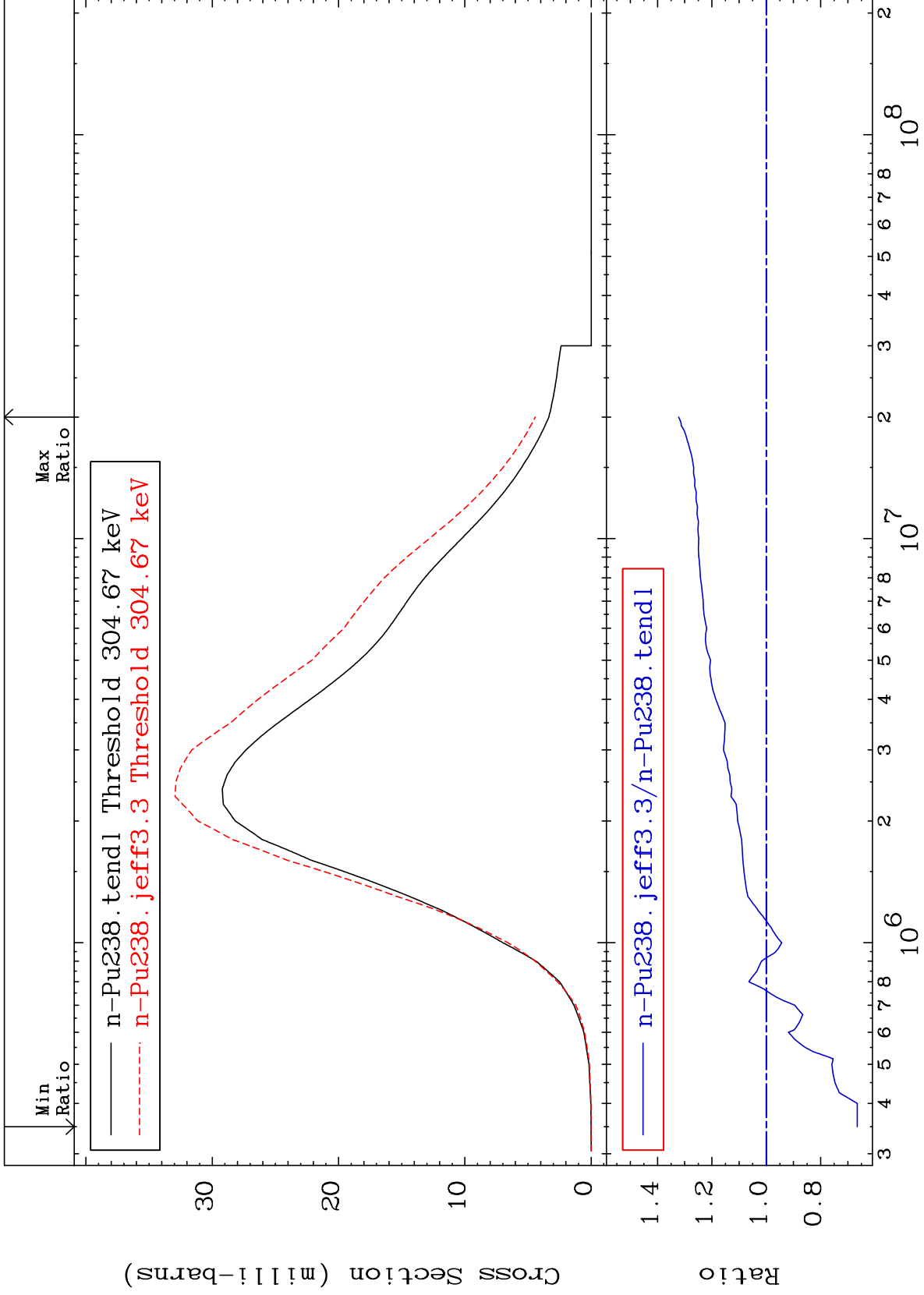
94-Pu-238  
-62.15 To 23.70 %



MAT 9434

MT= 53 (n,n') Level  
Cross Section

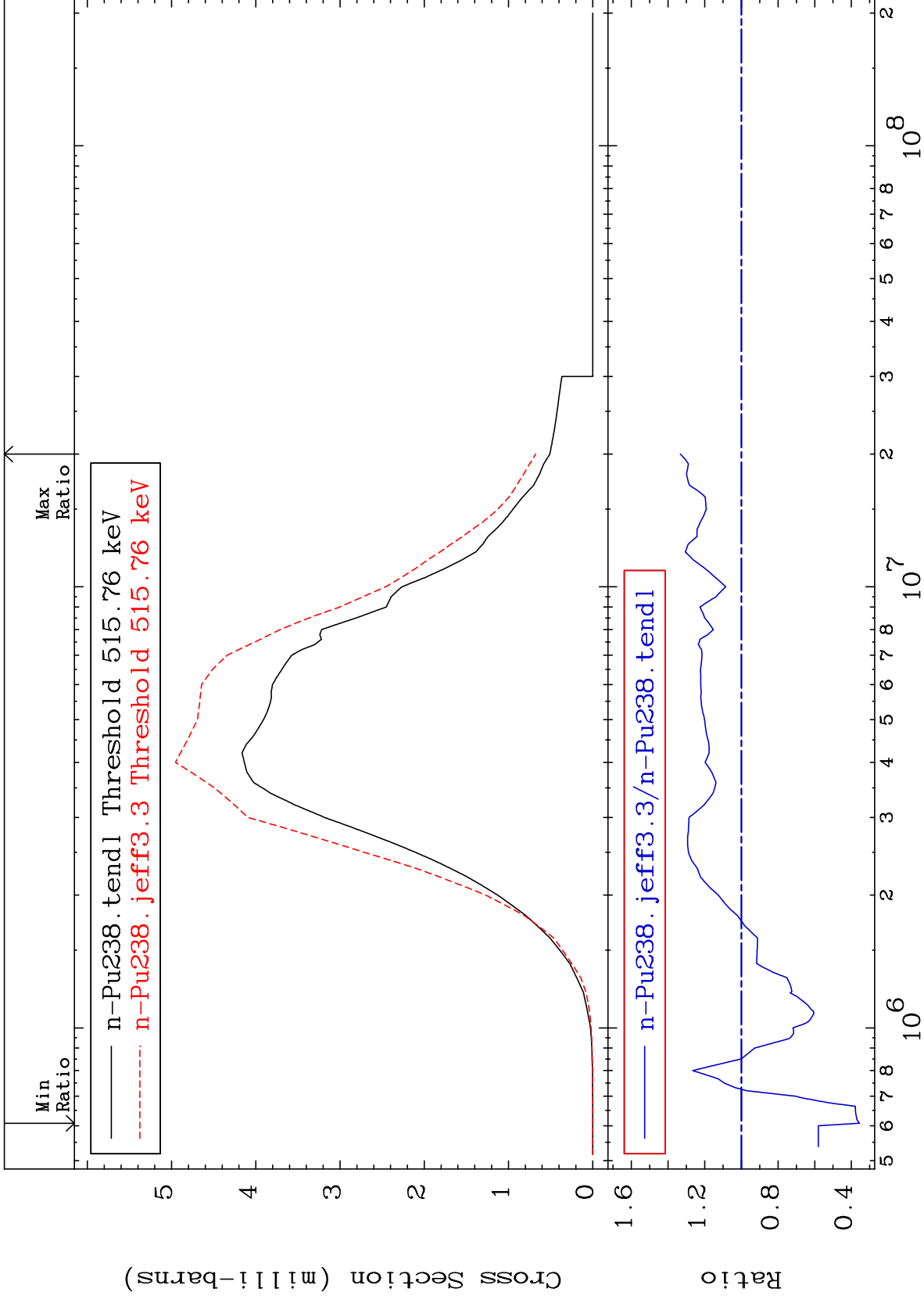
94-Pu-238  
-33.46 To 32.23 %



MAT 9434

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

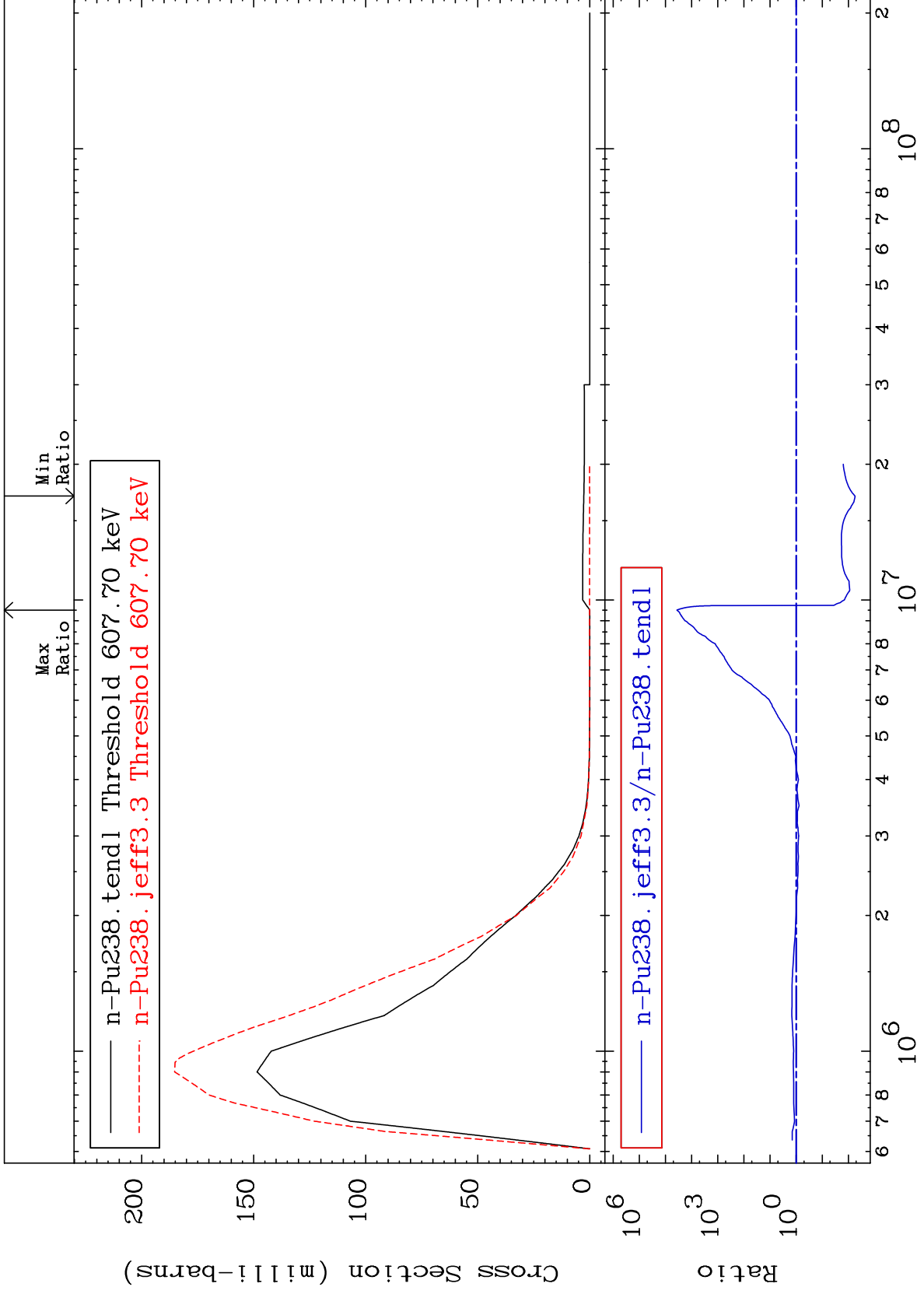
94-Pu-238  
-64.39 To 33.27 %



MAT 9434

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

94-Pu-238  
-99.45 To 9999. %



15

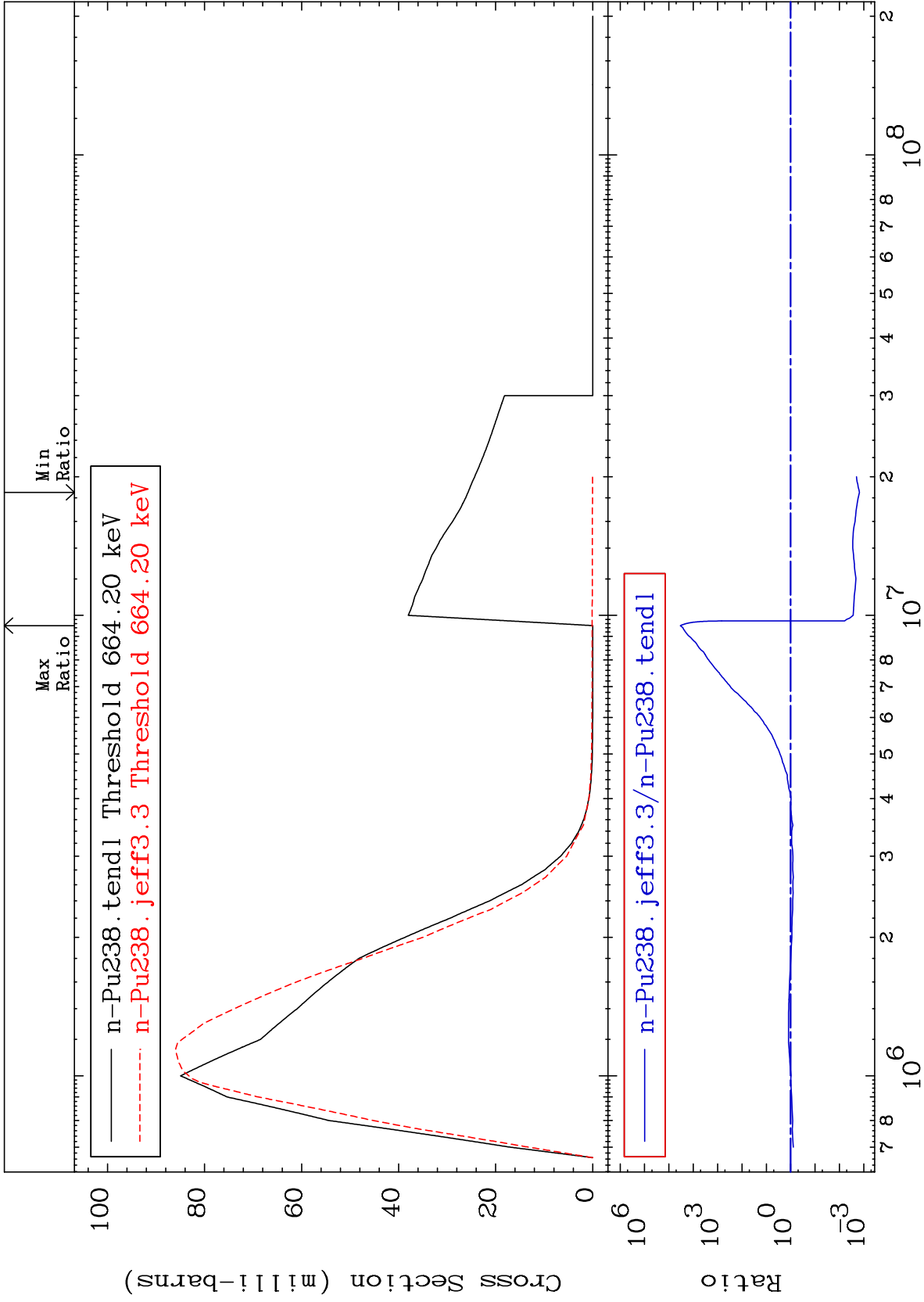
Incident Energy (eV)

94-Pu-238

MAT 9434

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

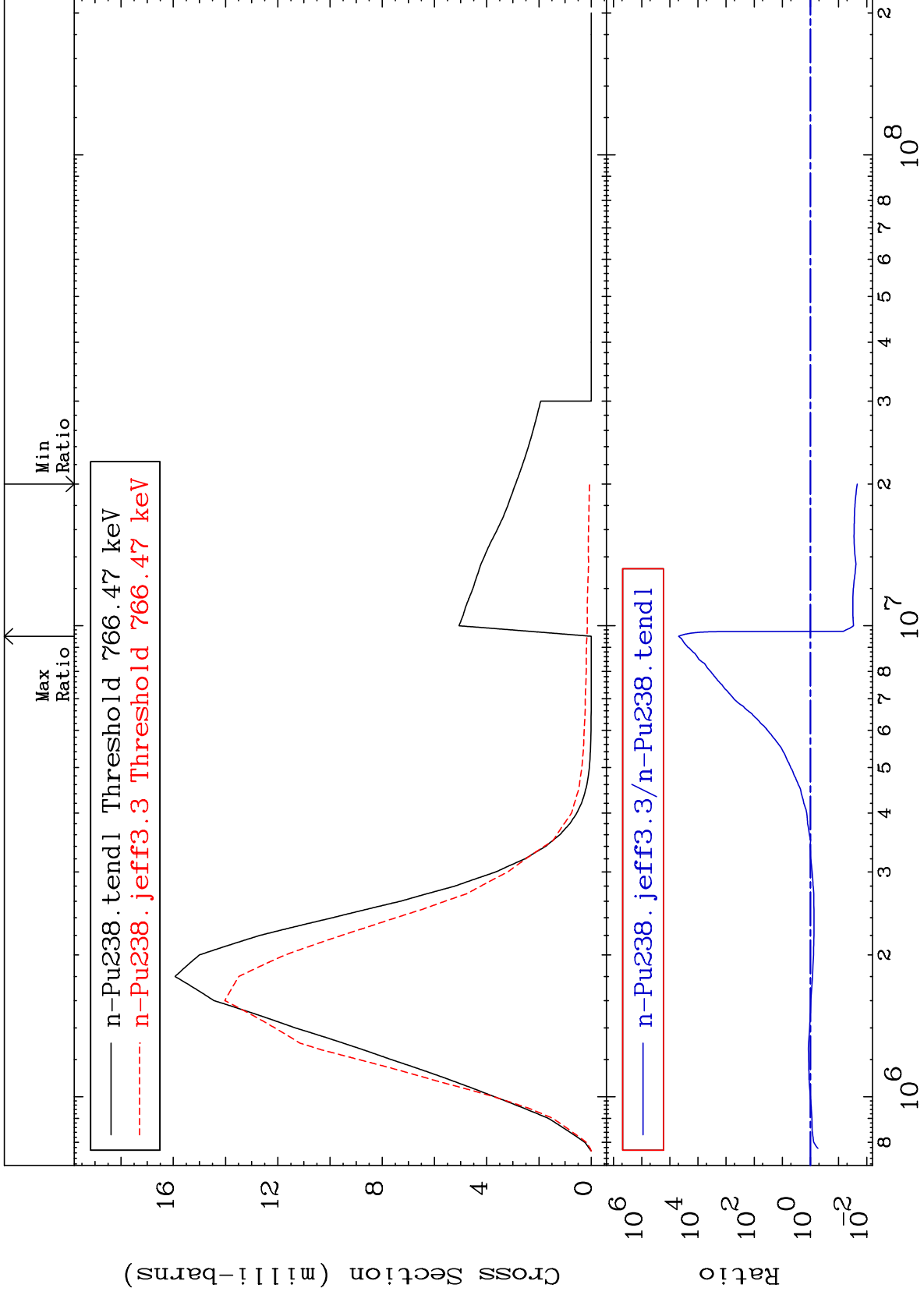
94-Pu-238  
-99.85 To 9999. %



MAT 9434

MT= 57 (n,n') Level  
Cross Section

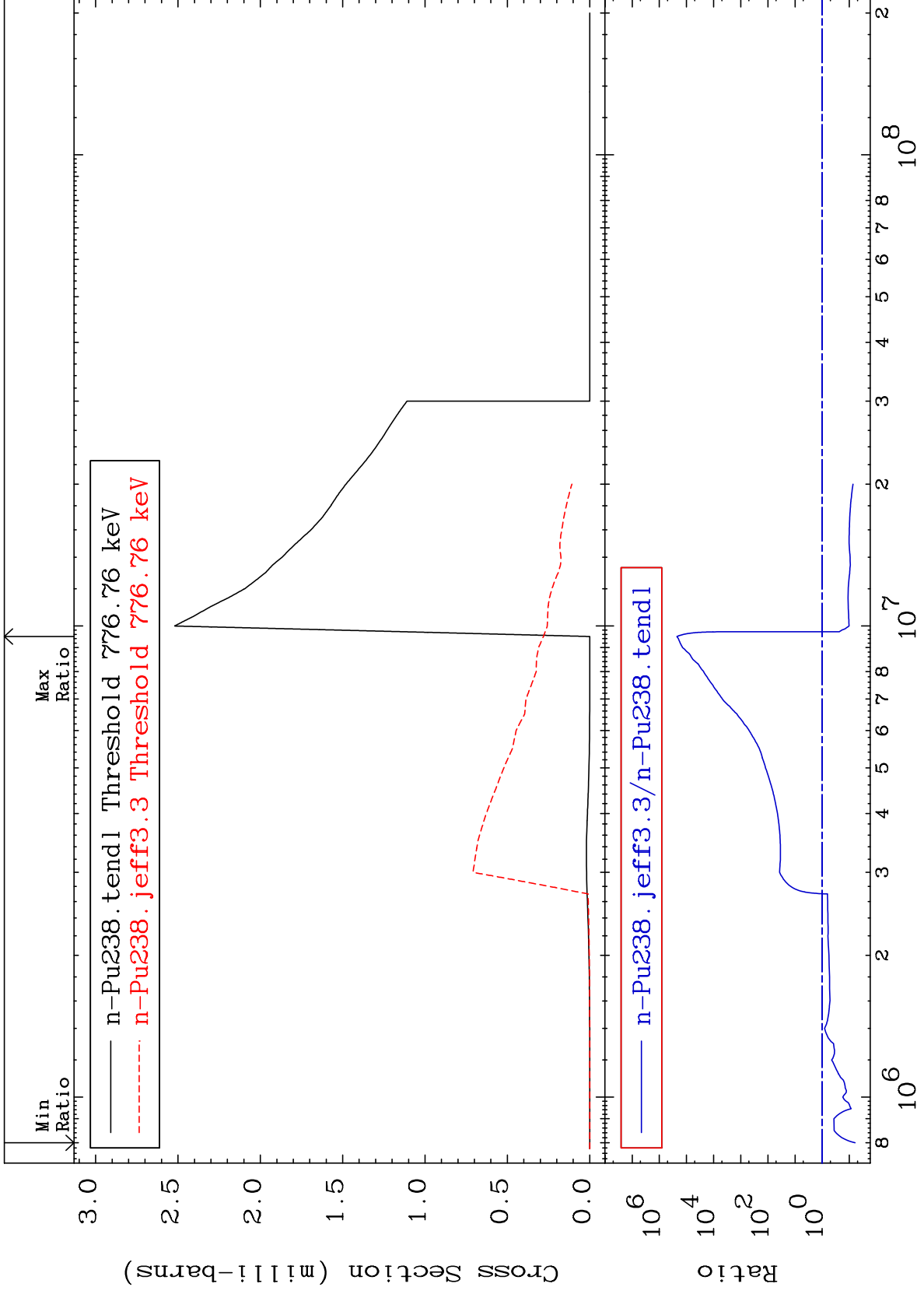
94-Pu-238  
-97.82 To 9999. %



MAT 9434

MT= 58 (n,n') Level  
Cross Section

94-Pu-238  
-93.87 To 9999. %



18

Incident Energy (eV)

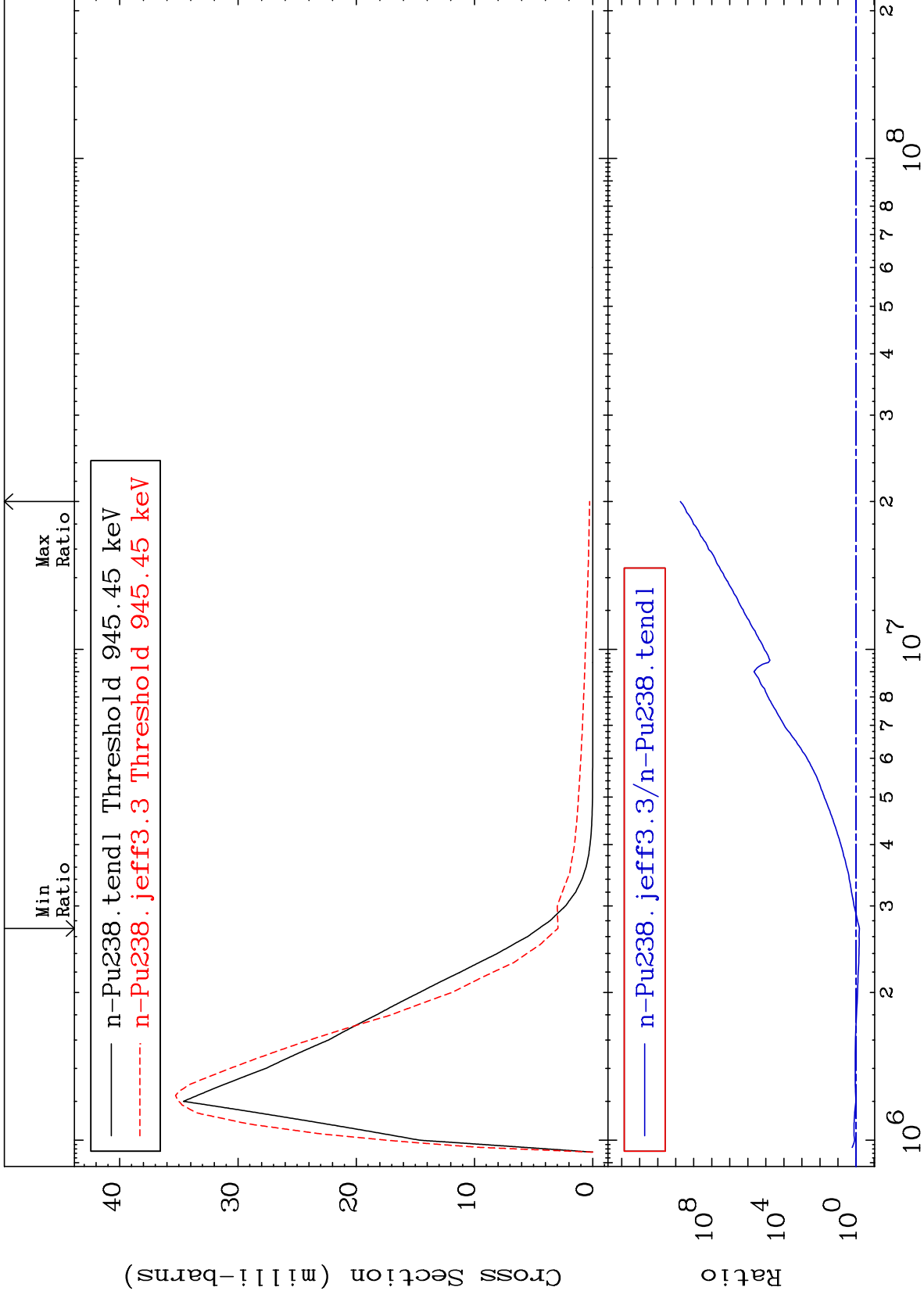
94-Pu-238



MAT 9434

MT= 59 (n,n') Level  
Cross Section

94-Pu-238  
-35.32 To 9999. %



19

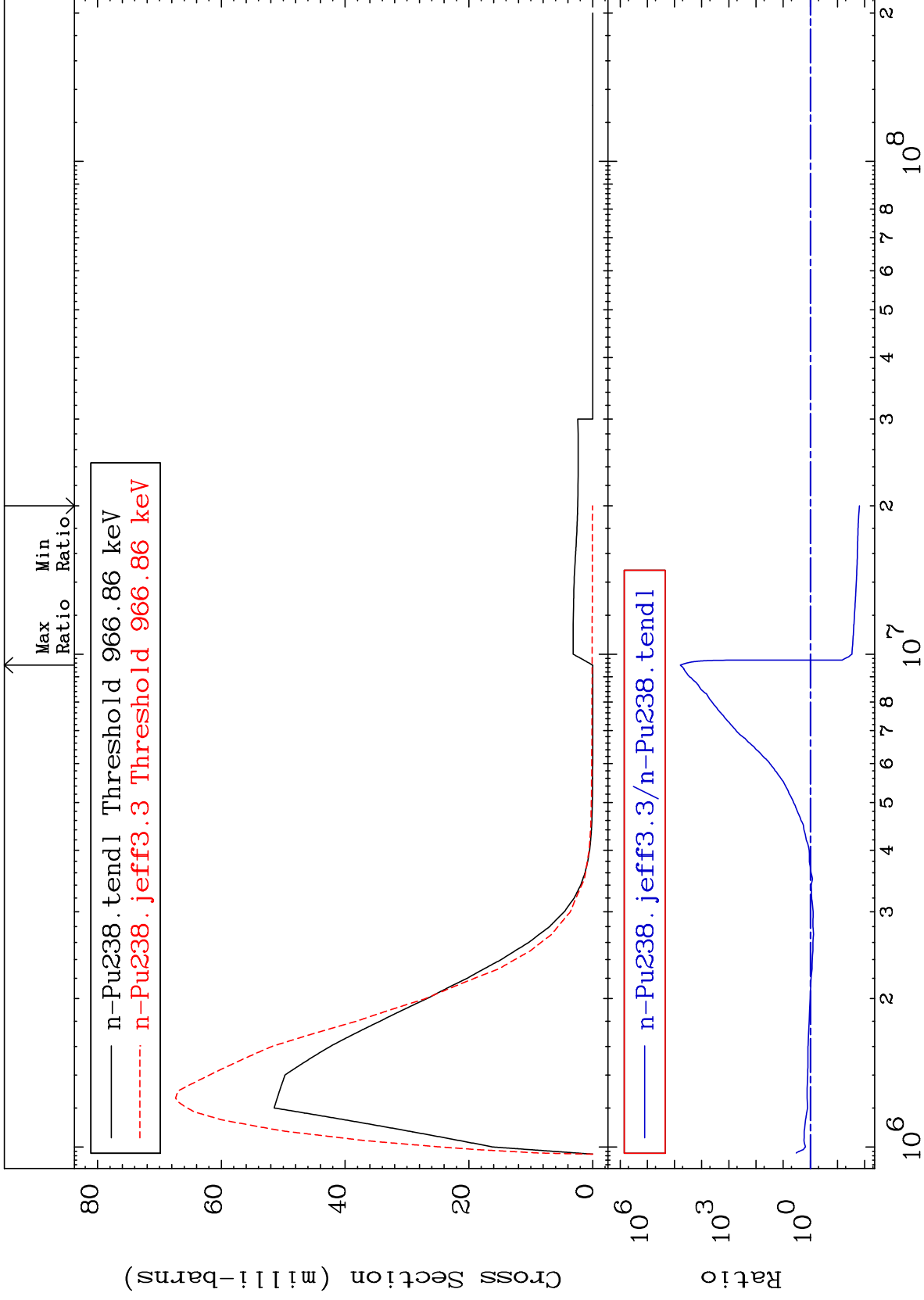
Incident Energy (eV)

94-Pu-238

MAT 9434

MT= 60 (n,n') Level  
Cross Section

94-Pu-238  
-98.43 To 9999. %



20

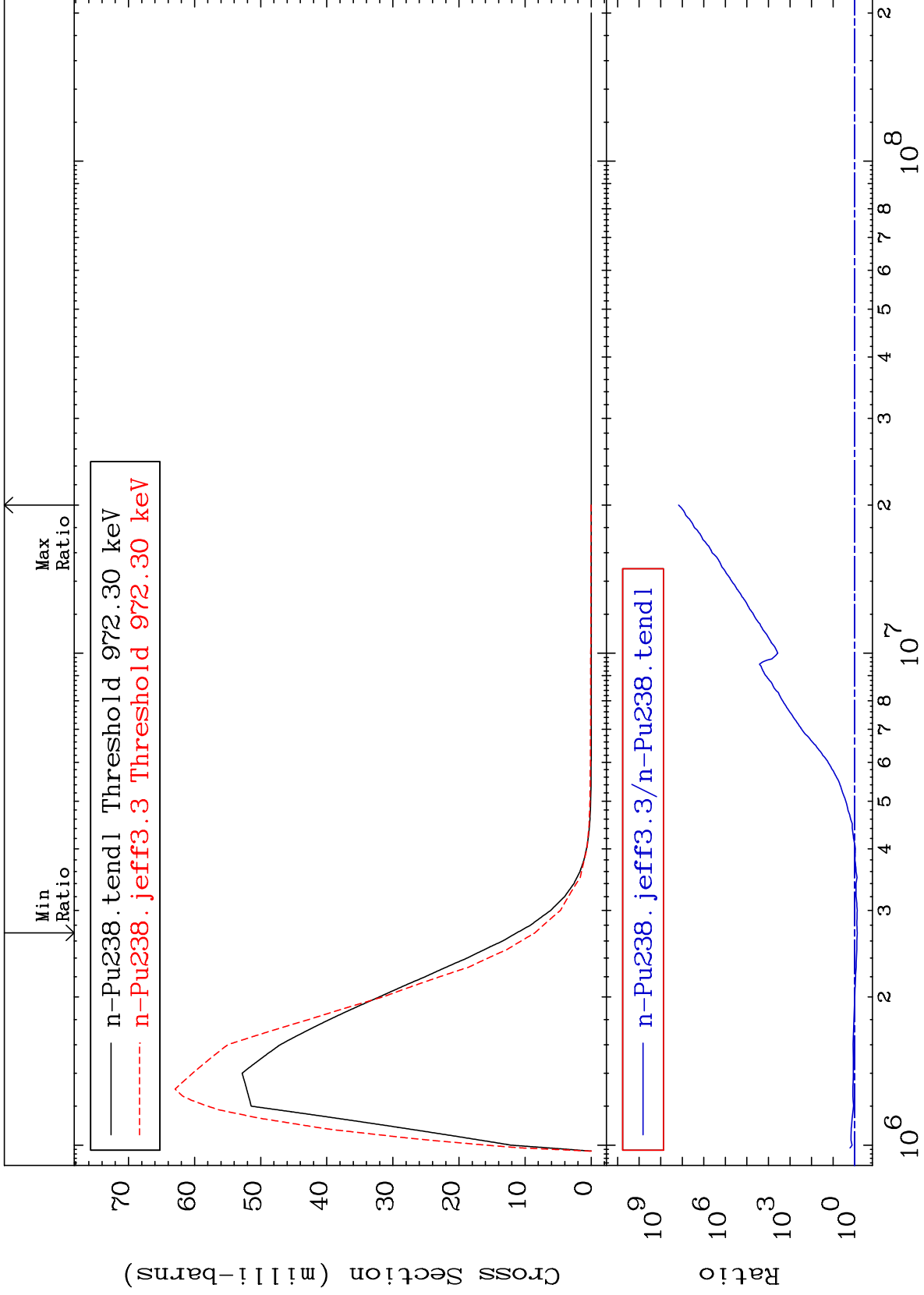
Incident Energy (eV)

94-Pu-238

MAT 9434

MT= 61 (n,n') Level  
Cross Section

94-Pu-238  
-24.45 To 9999. %



21

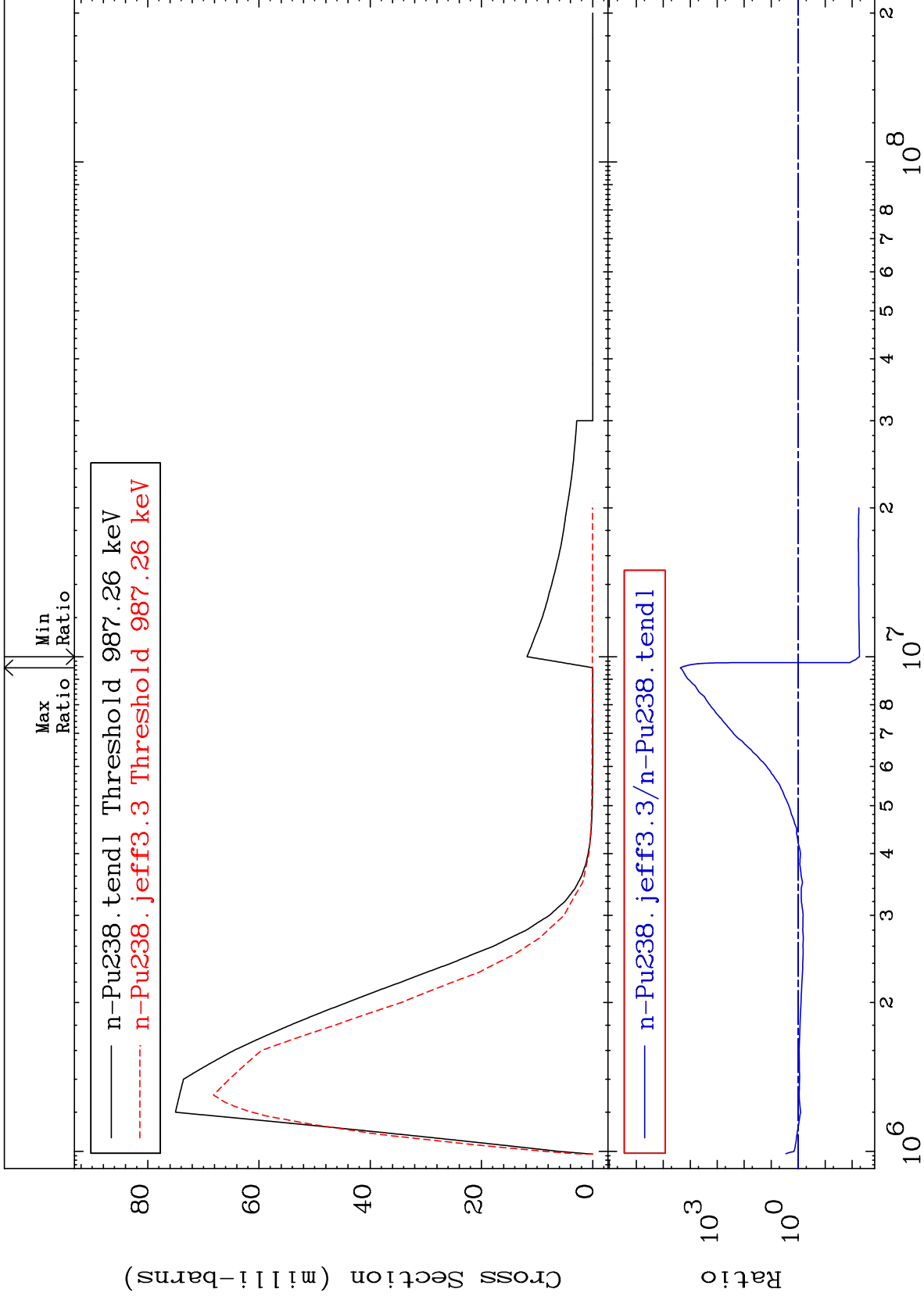
Incident Energy (eV)

94-Pu-238

MAT 9434

MT= 62 (n,n') Level  
Cross Section

94-Pu-238  
-99.46 To 9999. %



22

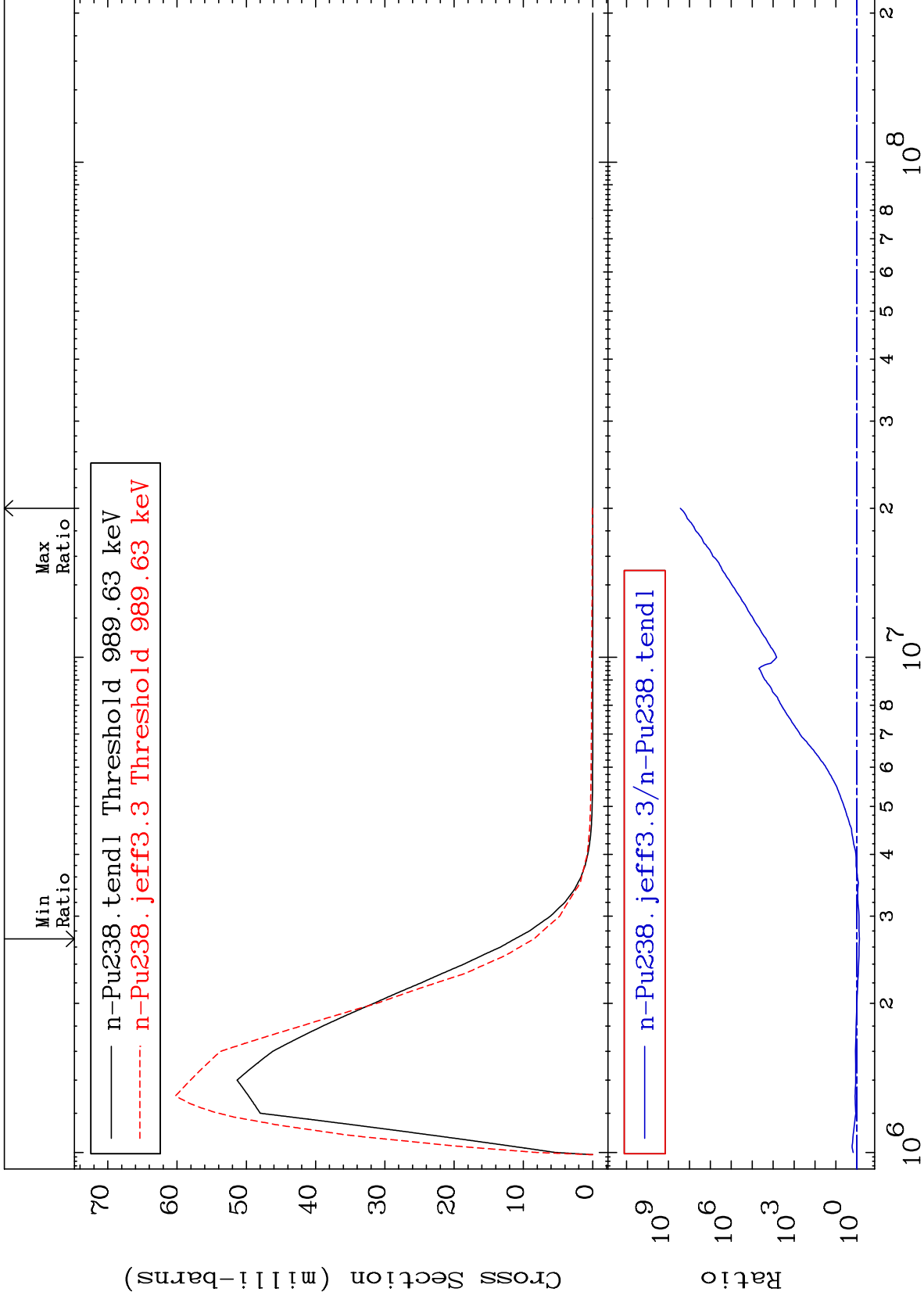
Incident Energy (eV)

94-Pu-238

MAT 9434

MT= 63 (n,n') Level  
Cross Section

94-Pu-238  
-24.61 To 9999. %



23

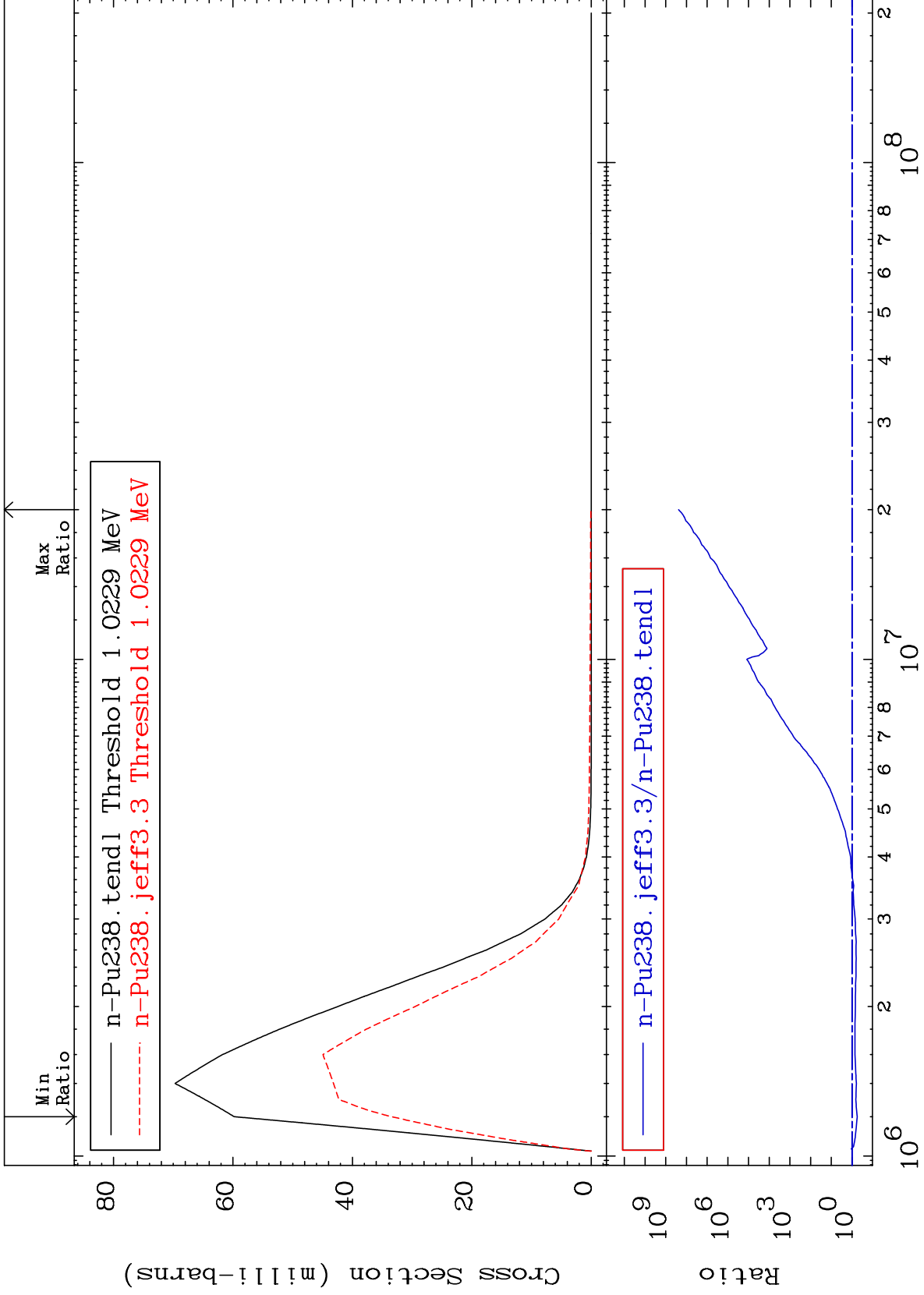
Incident Energy (eV)

94-Pu-238

MAT 9434

MT= 64 (n,n') Level  
Cross Section

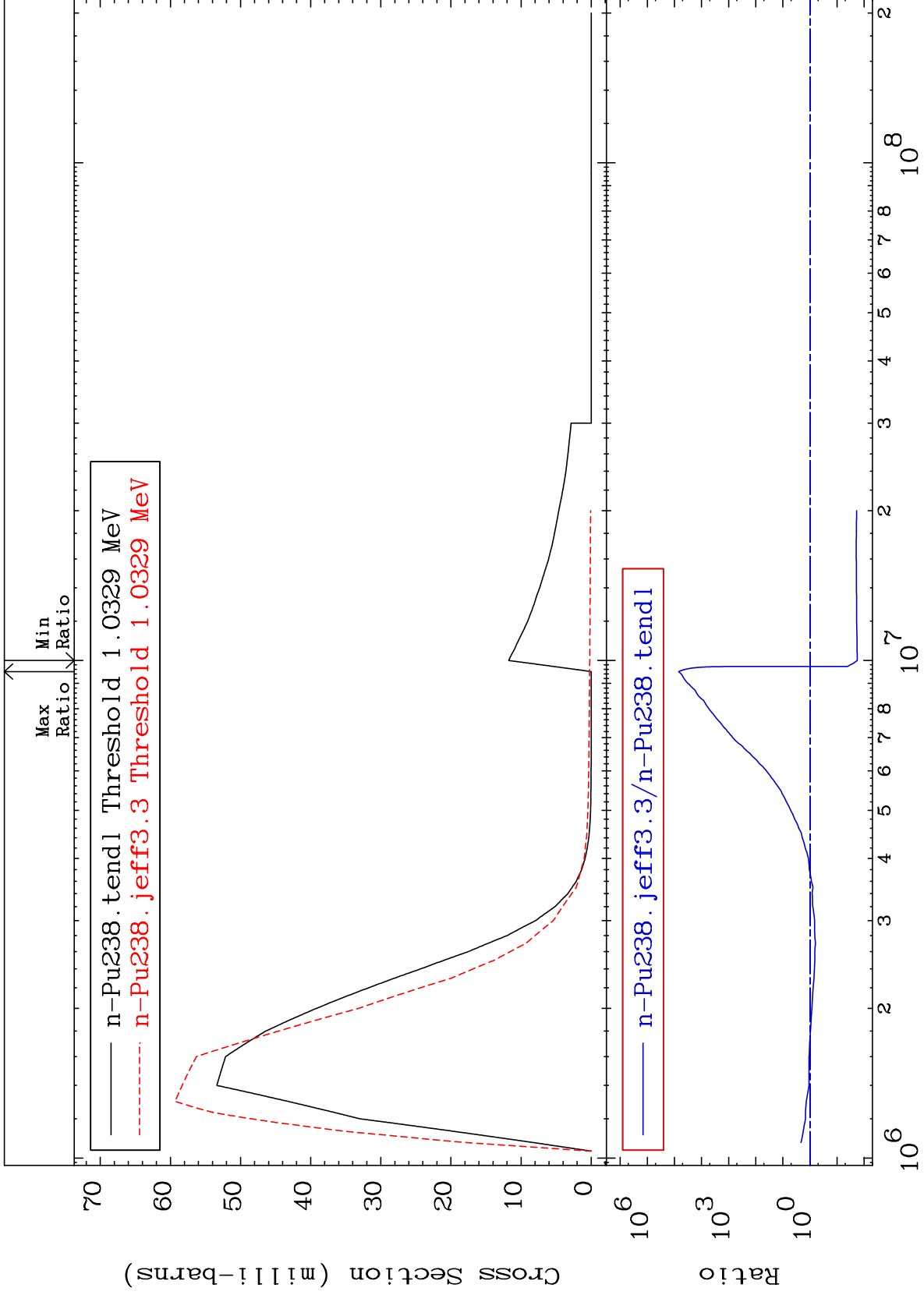
94-Pu-238  
-44.19 To 9999. %



MAT 9434

MT= 65 (n,n') Level  
Cross Section

94-Pu-238  
-98.19 To 9999. %



25

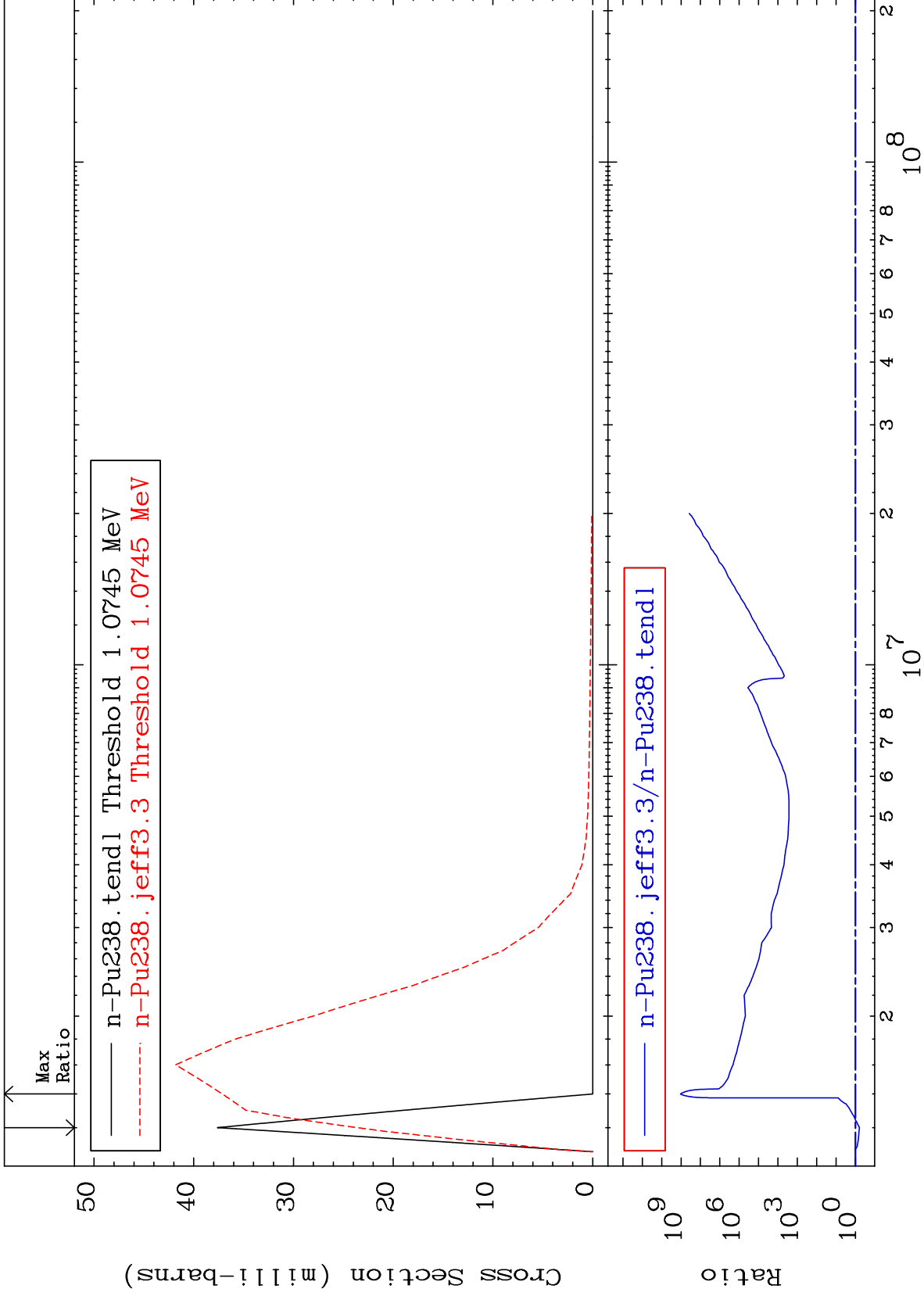
Incident Energy (eV)

94-Pu-238

MAT 9434

MT= 66 (n,n') Level  
Cross Section

94-Pu-238  
-37.26 To 9999. %

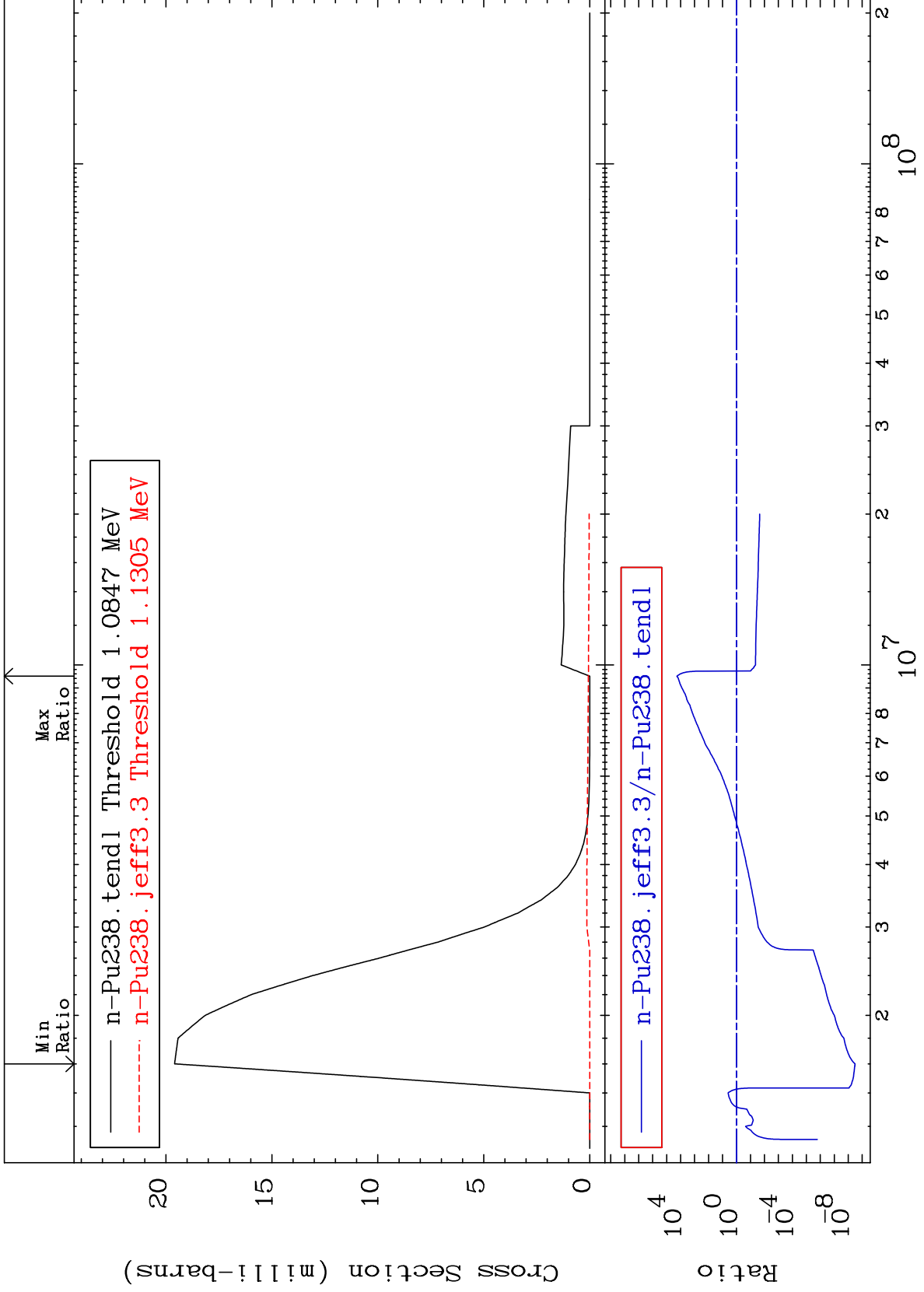




MAT 9434

MT= 67 (n,n') Level  
Cross Section

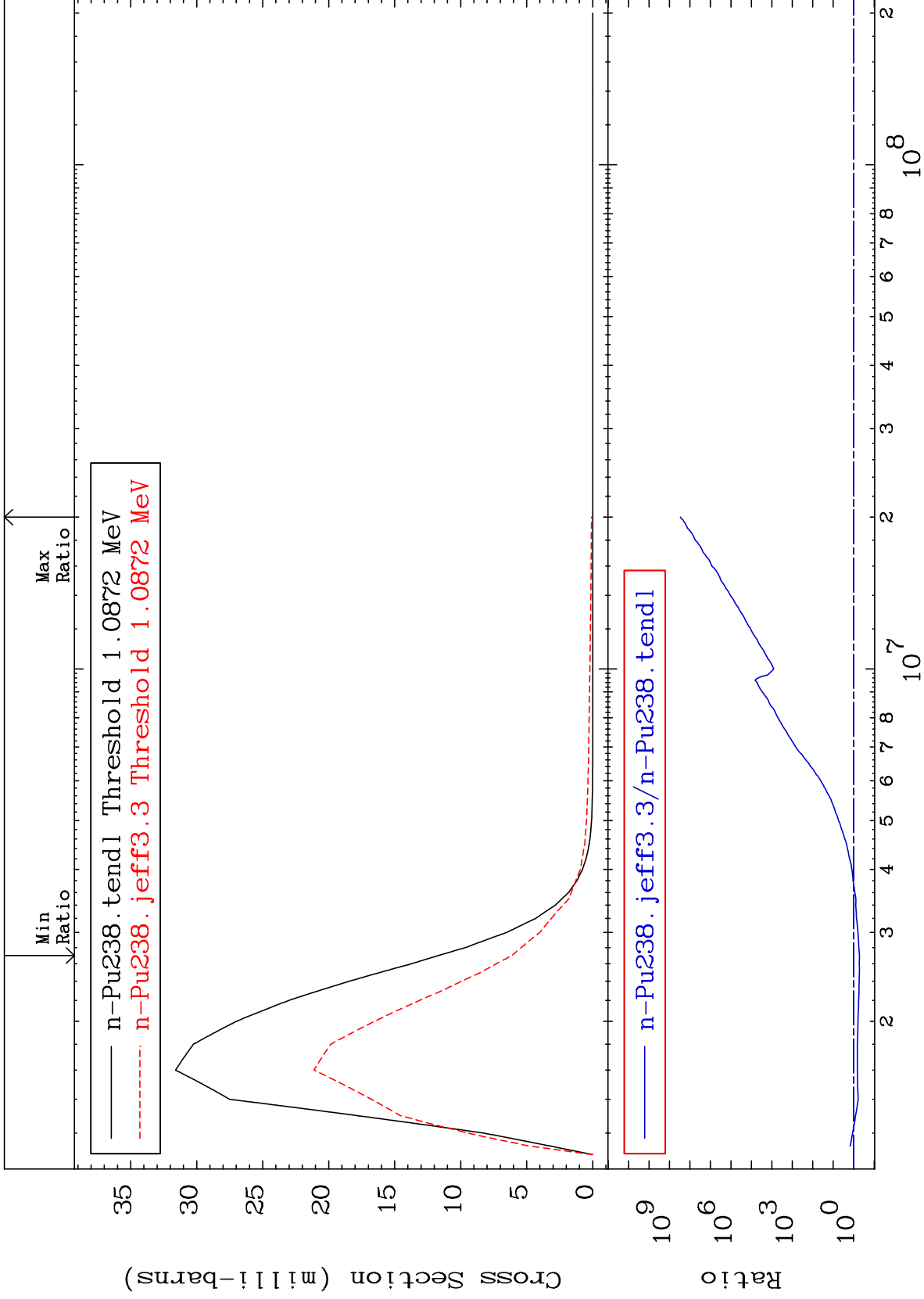
94-Pu-238  
-100.0 To 9999. %



MAT 9434

MT= 68 (n,n') Level  
Cross Section

94-Pu-238  
-47.63 To 9999. %



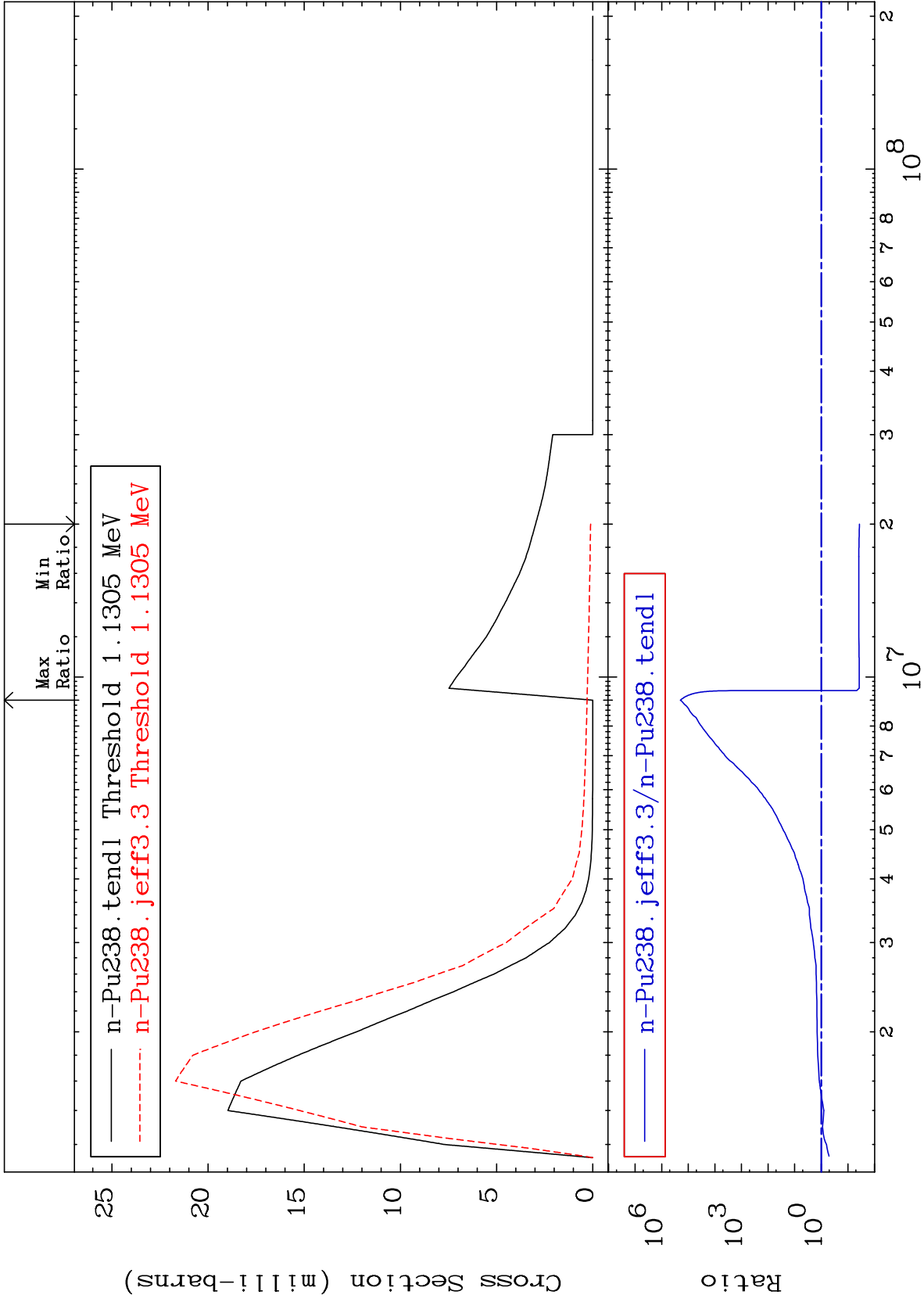
MAT 9434

MT= 69 (n,n') Level

94-Pu-238

-96.33 To 9999. %

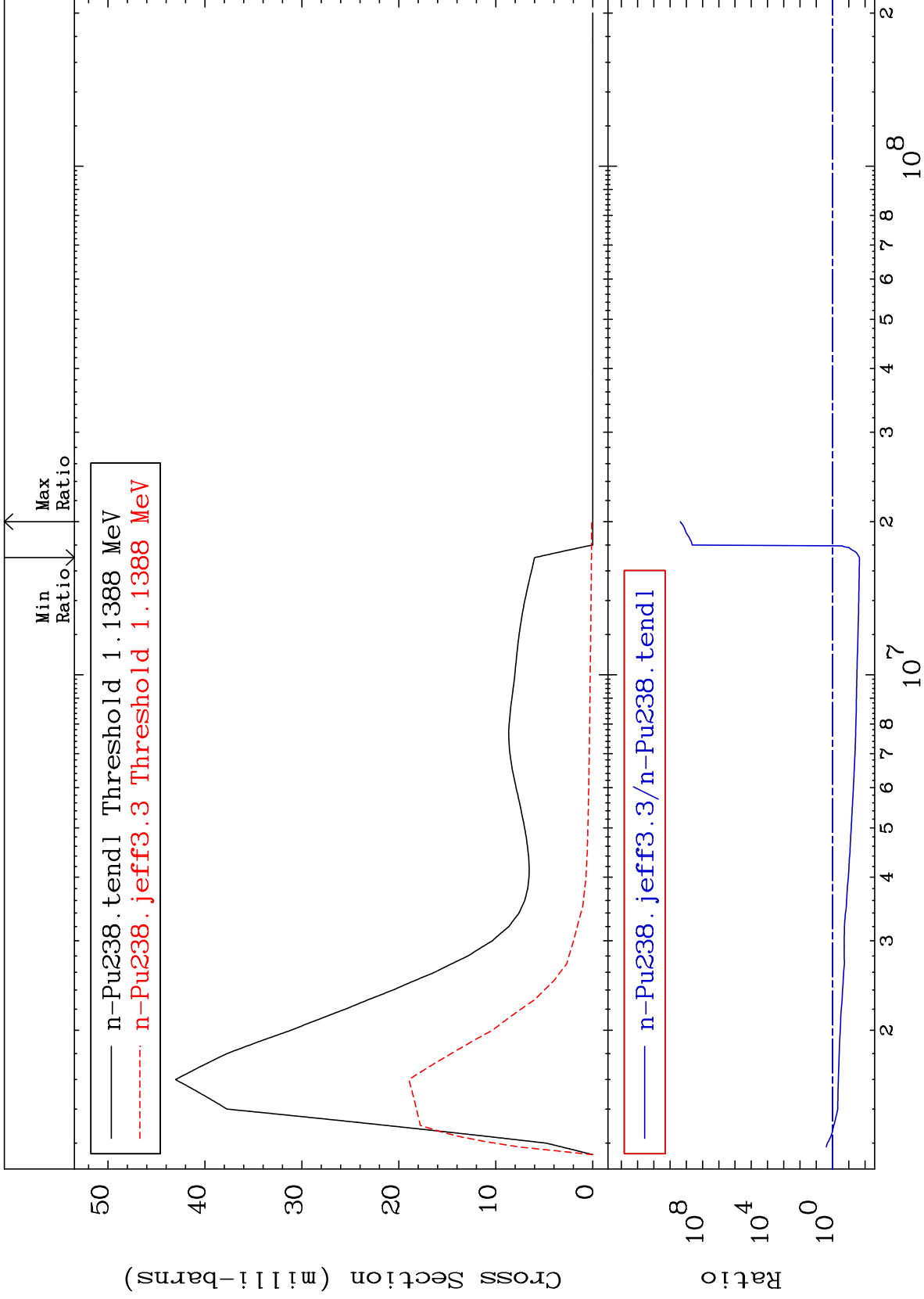
Cross Section



MAT 9434

MT= 70 (n,n') Level  
Cross Section

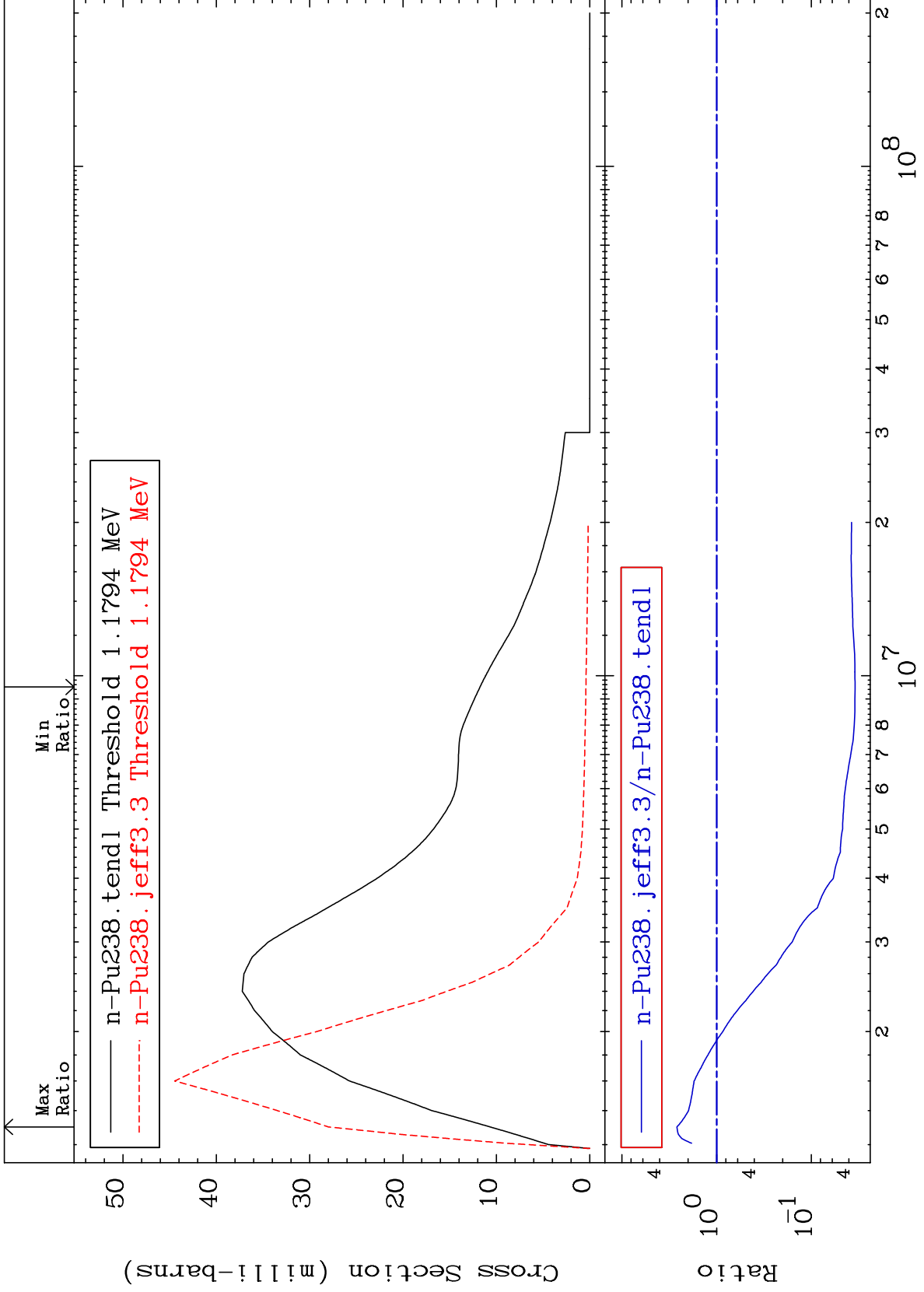
94-Pu-238  
-97.79 To 9999. %



MAT 9434

MT= 71 (n,n') Level  
Cross Section

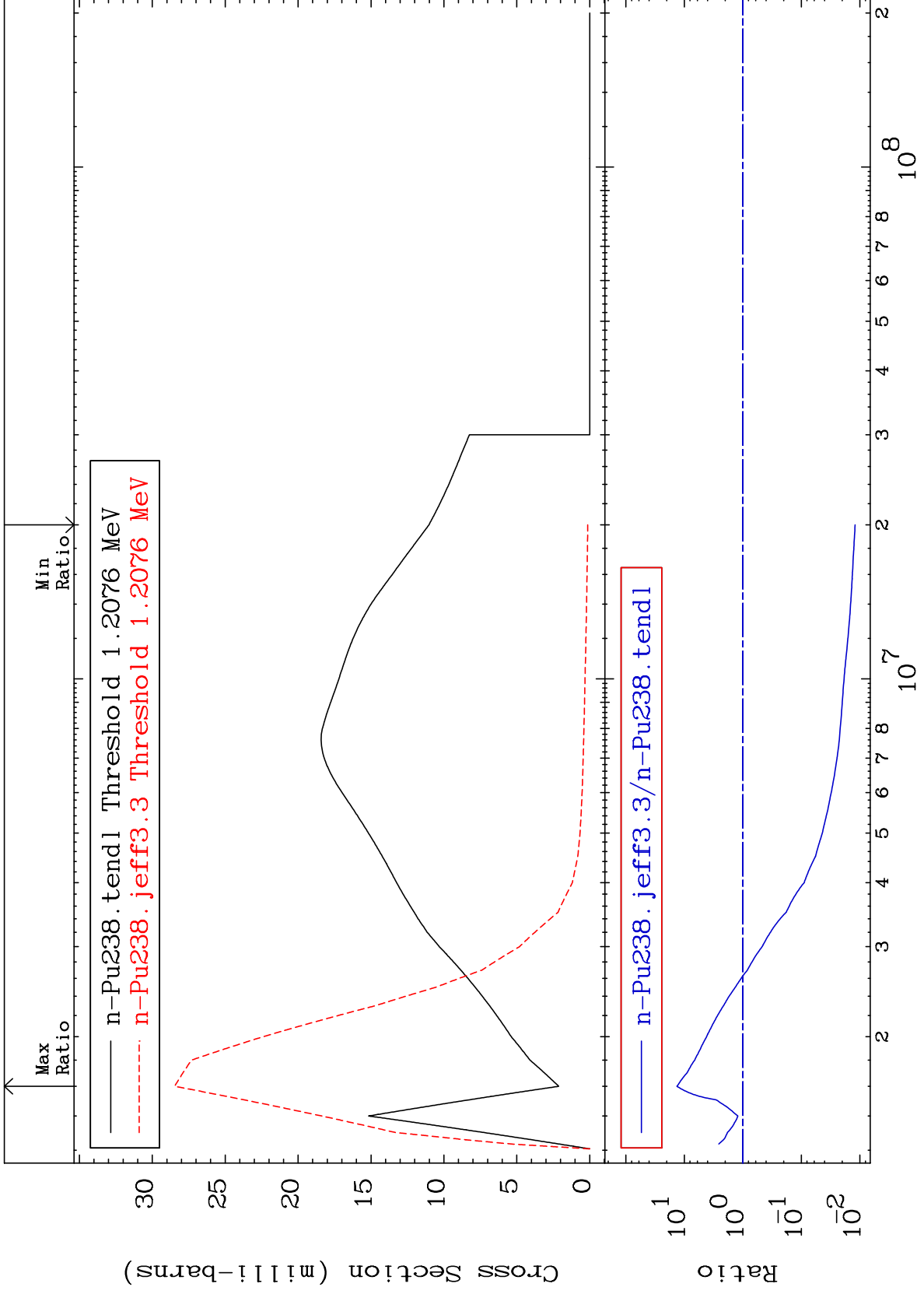
94-Pu-238  
-96.56 To 162.6 %



MAT 9434

MT= 72 (n, n') Level  
Cross Section

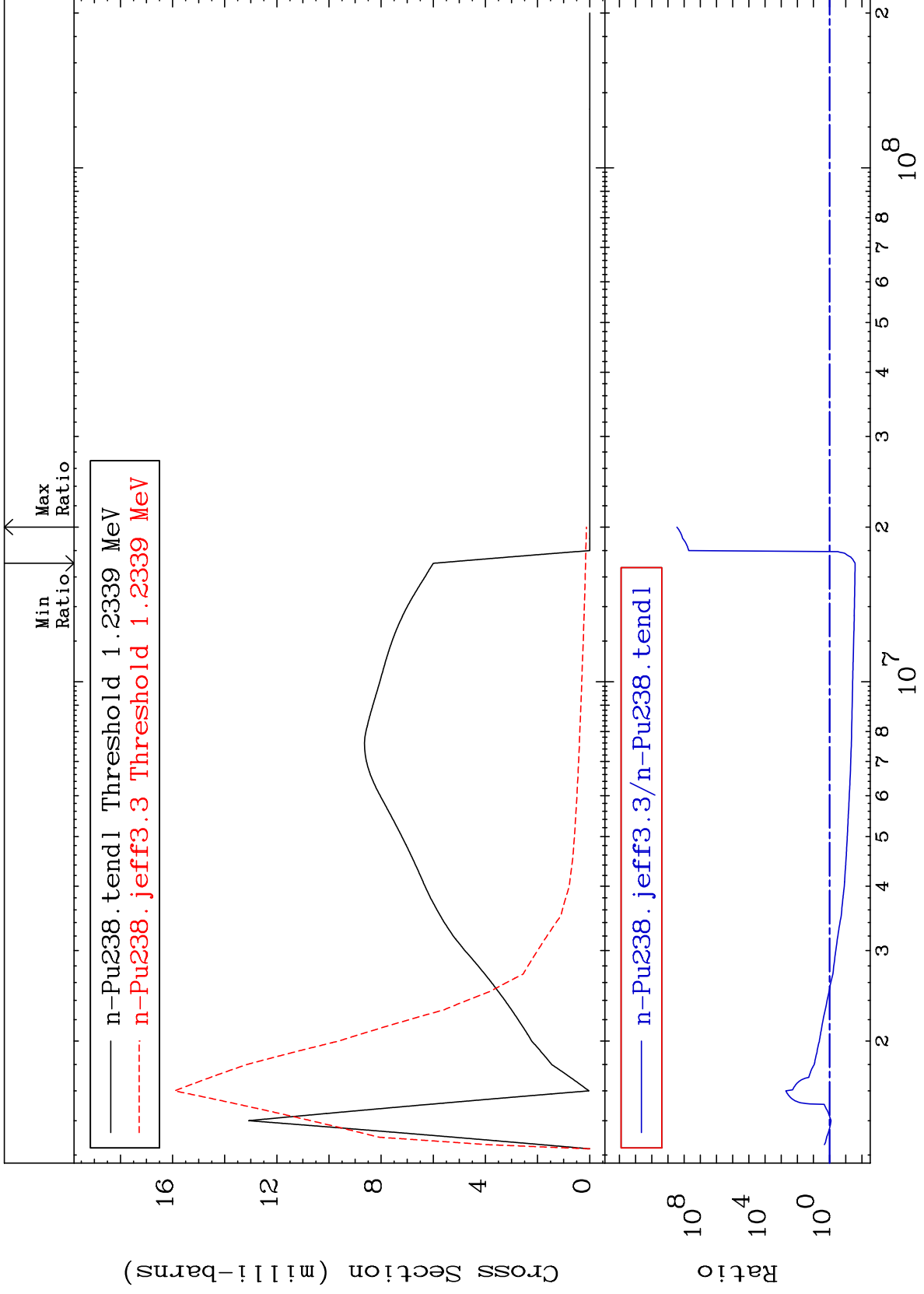
94-Pu-238  
-98.80 To 1241. %



MAT 9434

MT= 73 (n,n') Level  
Cross Section

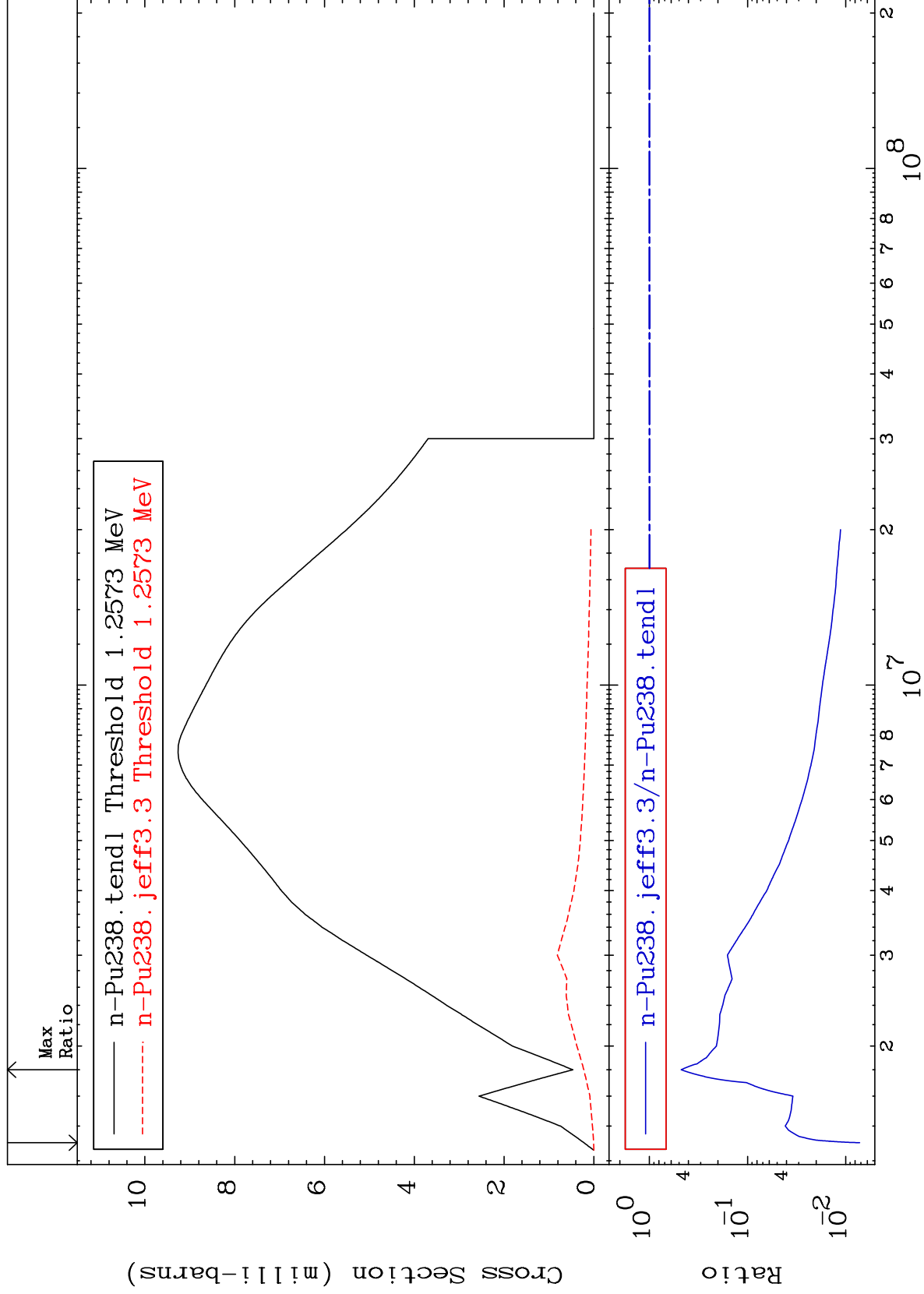
94-Pu-238  
-97.33 To 9999. %



MAT 9434

MT= 74 (n,n') Level  
Cross Section

94-Pu-238  
-99.28 To -52.52%

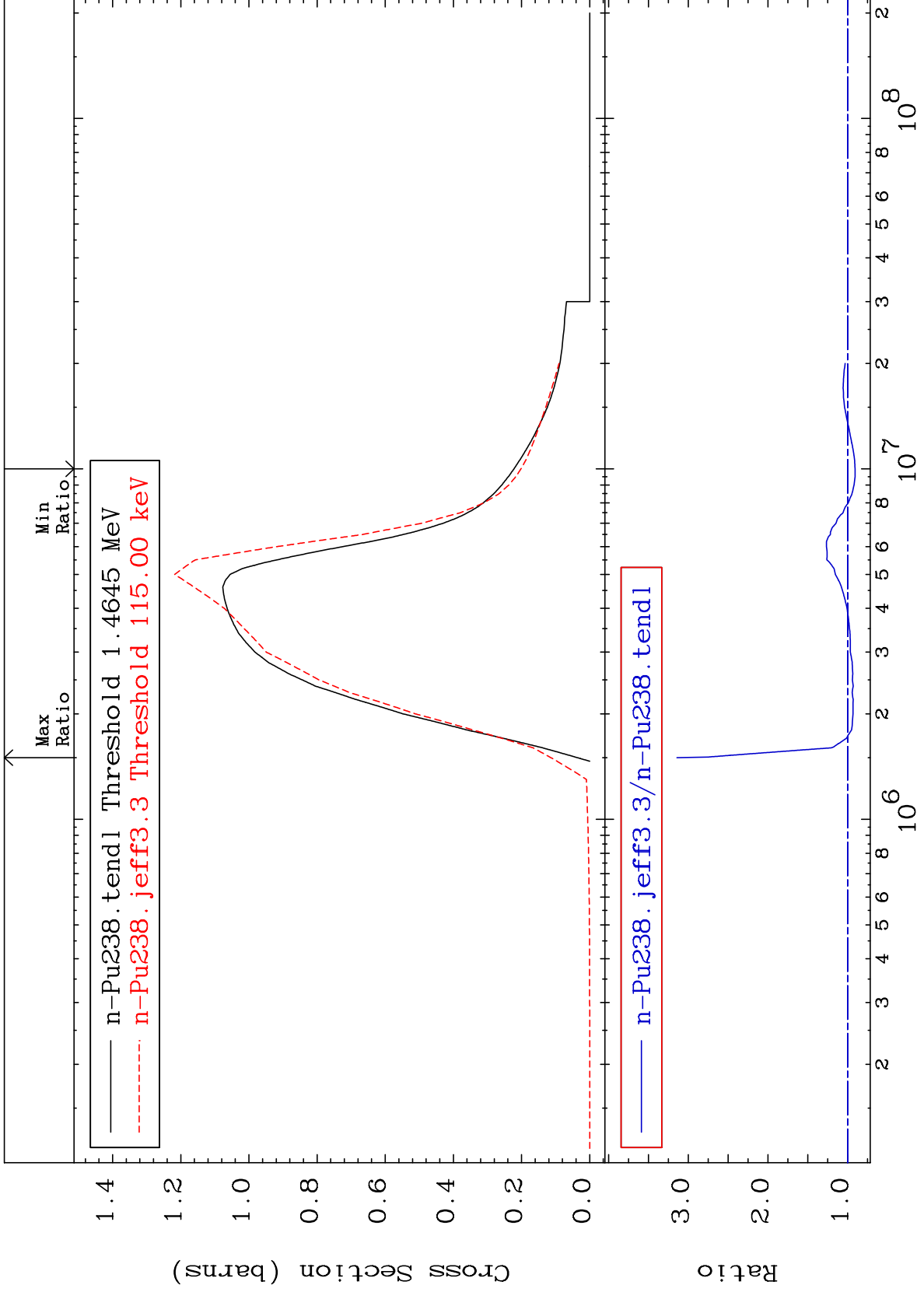




MAT 9434

(n, n') Continuum  
Cross Section

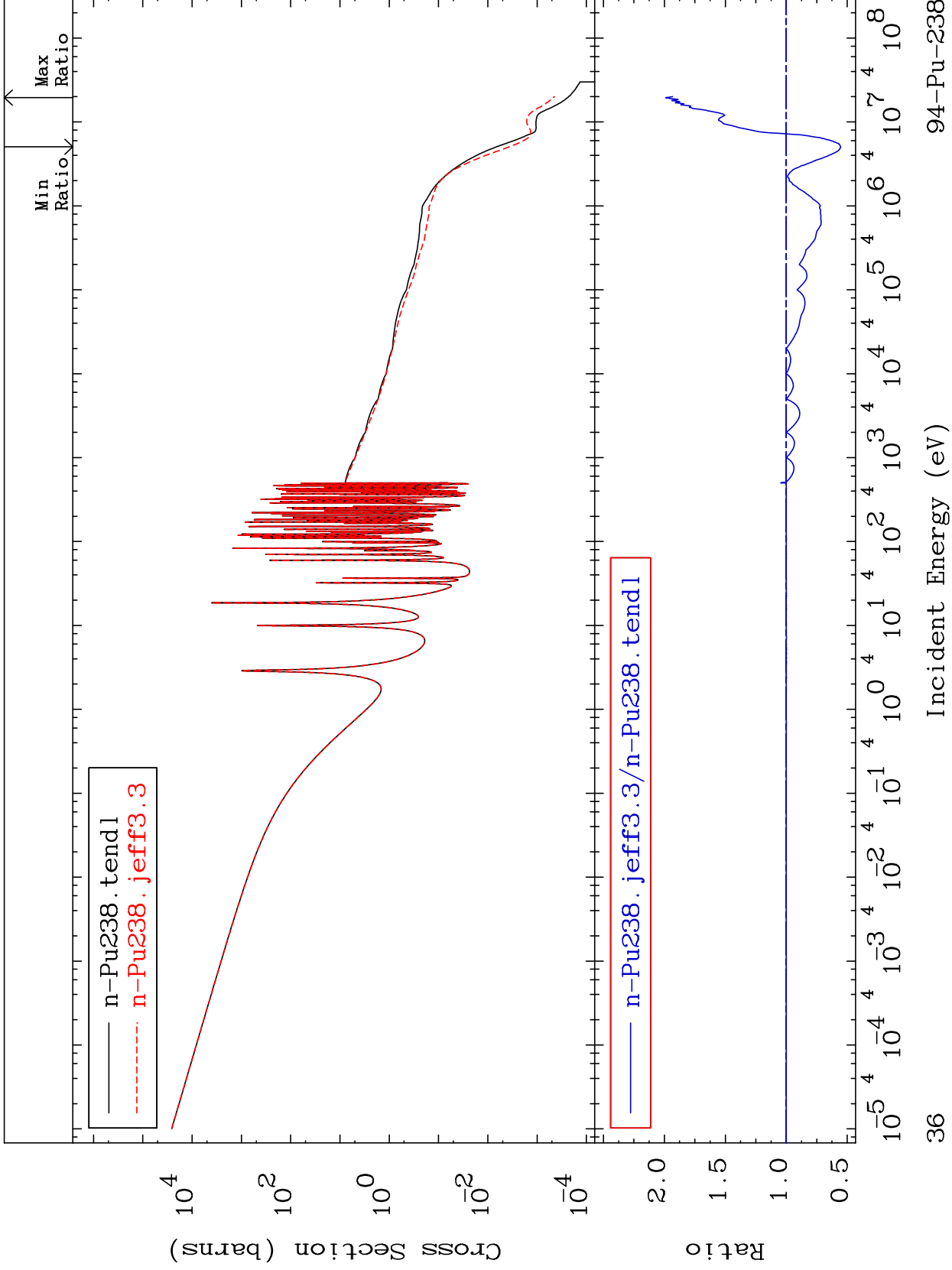
94-Pu-238  
-9.288 To 214.3 %



MAT 9434

(n,  $\gamma$ )  
Cross Section

94-Pu-238  
-44.64 To 99.09 %



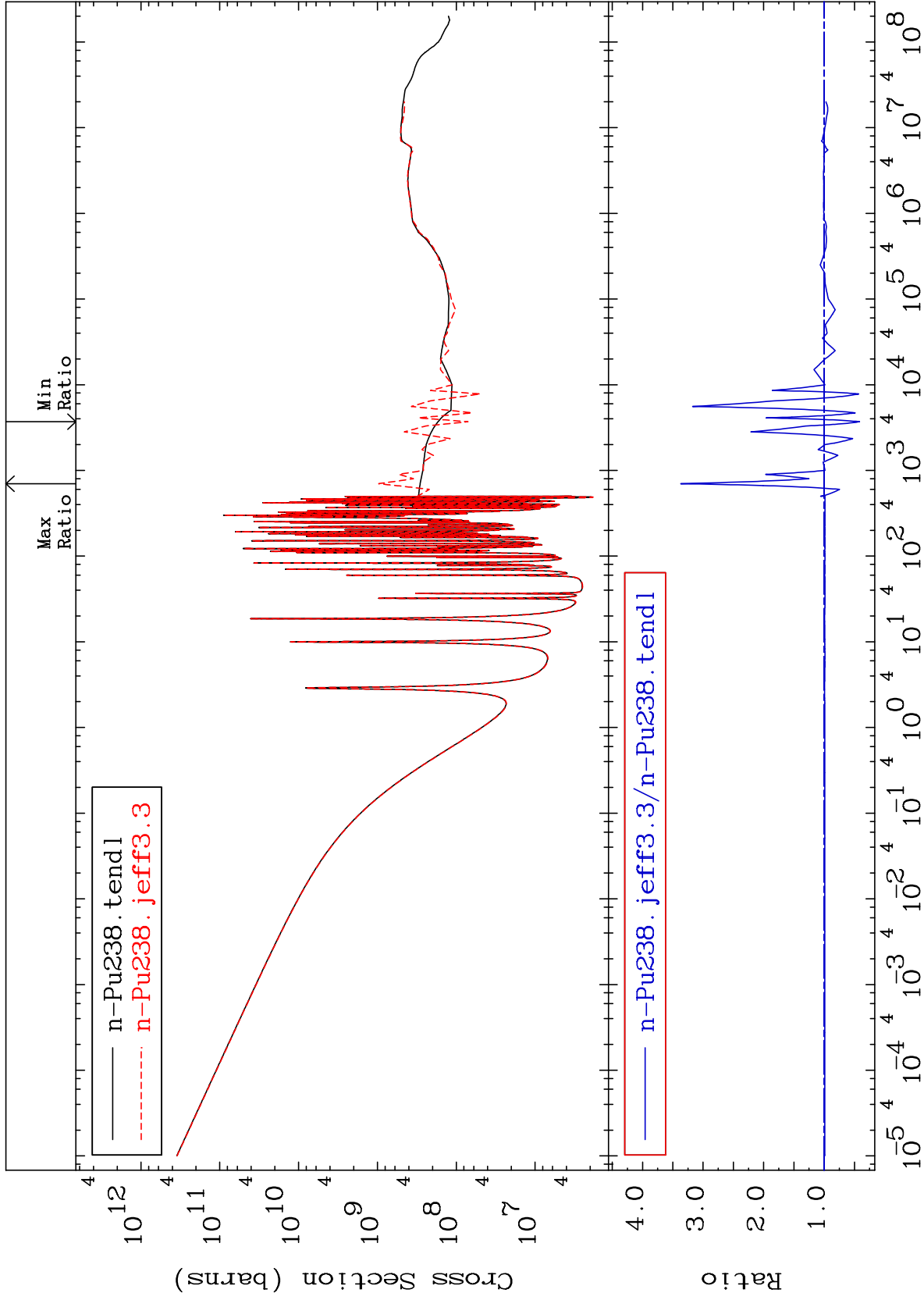
MAT 9434

Kerma total (eV-barns)

94-Pu-238

Cross Section

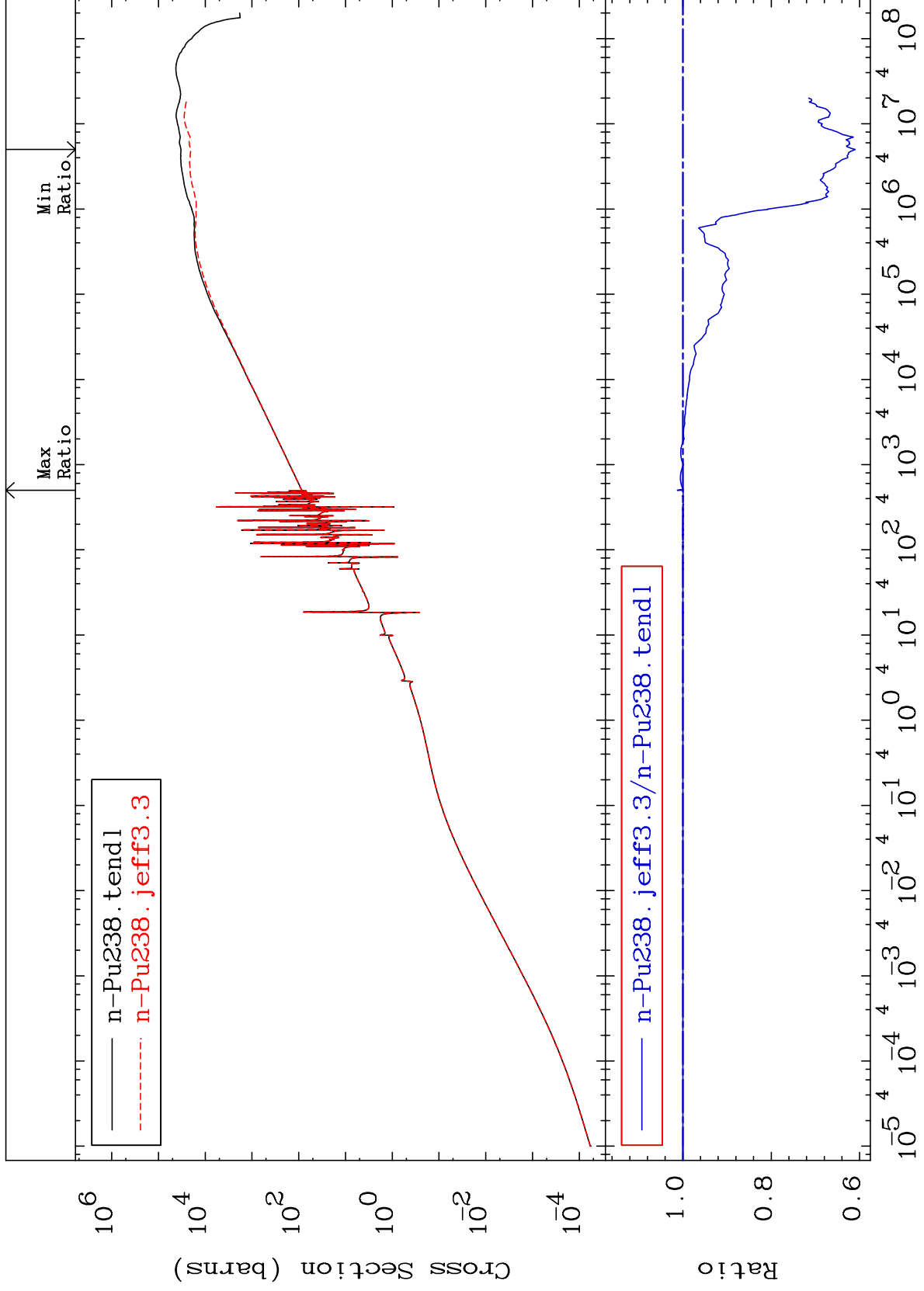
-58.40 To 236.9 %

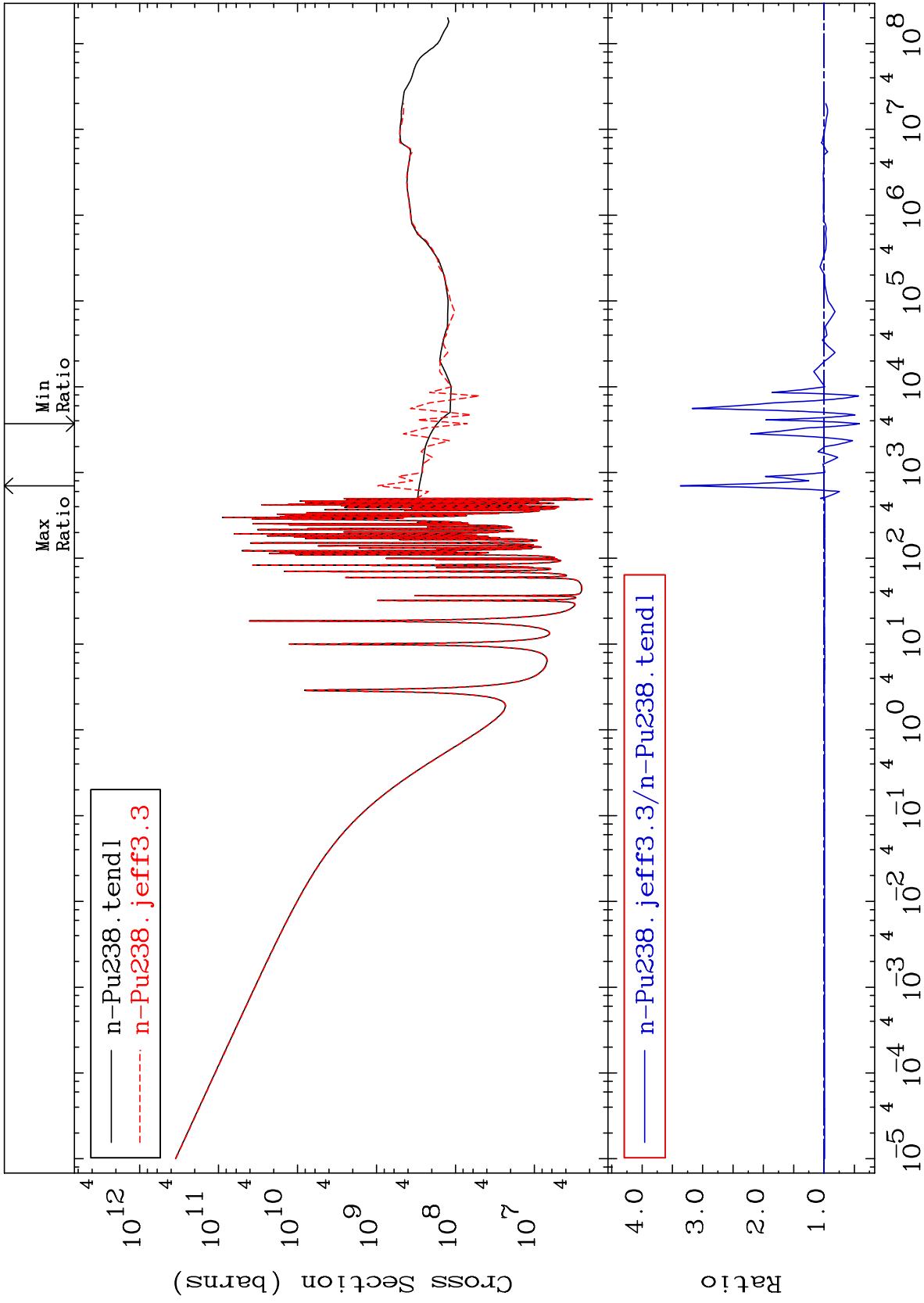


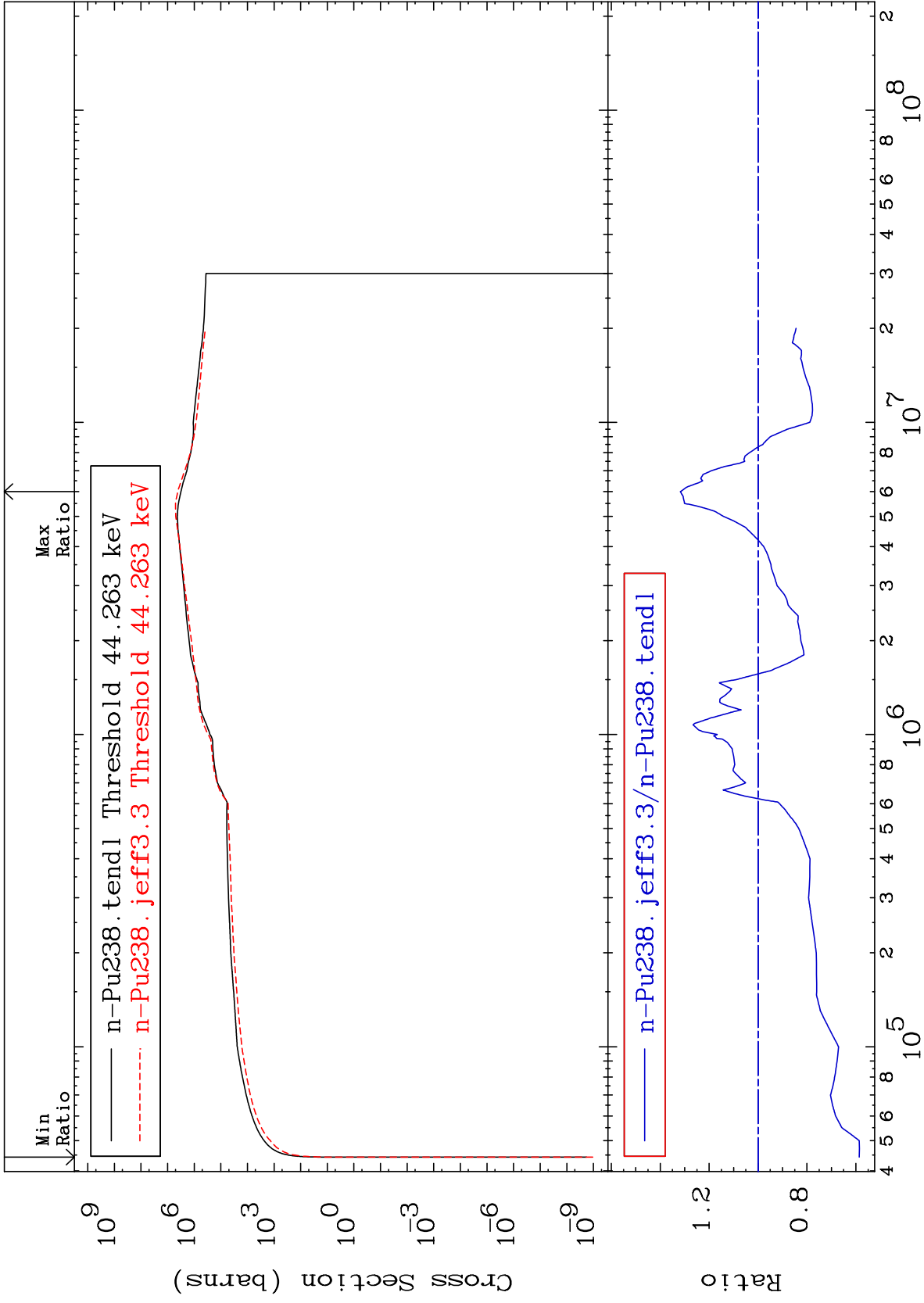
MAT 9434

Kerma elastic  
Cross Section

94-Pu-238  
-39.00 To 1.245 %



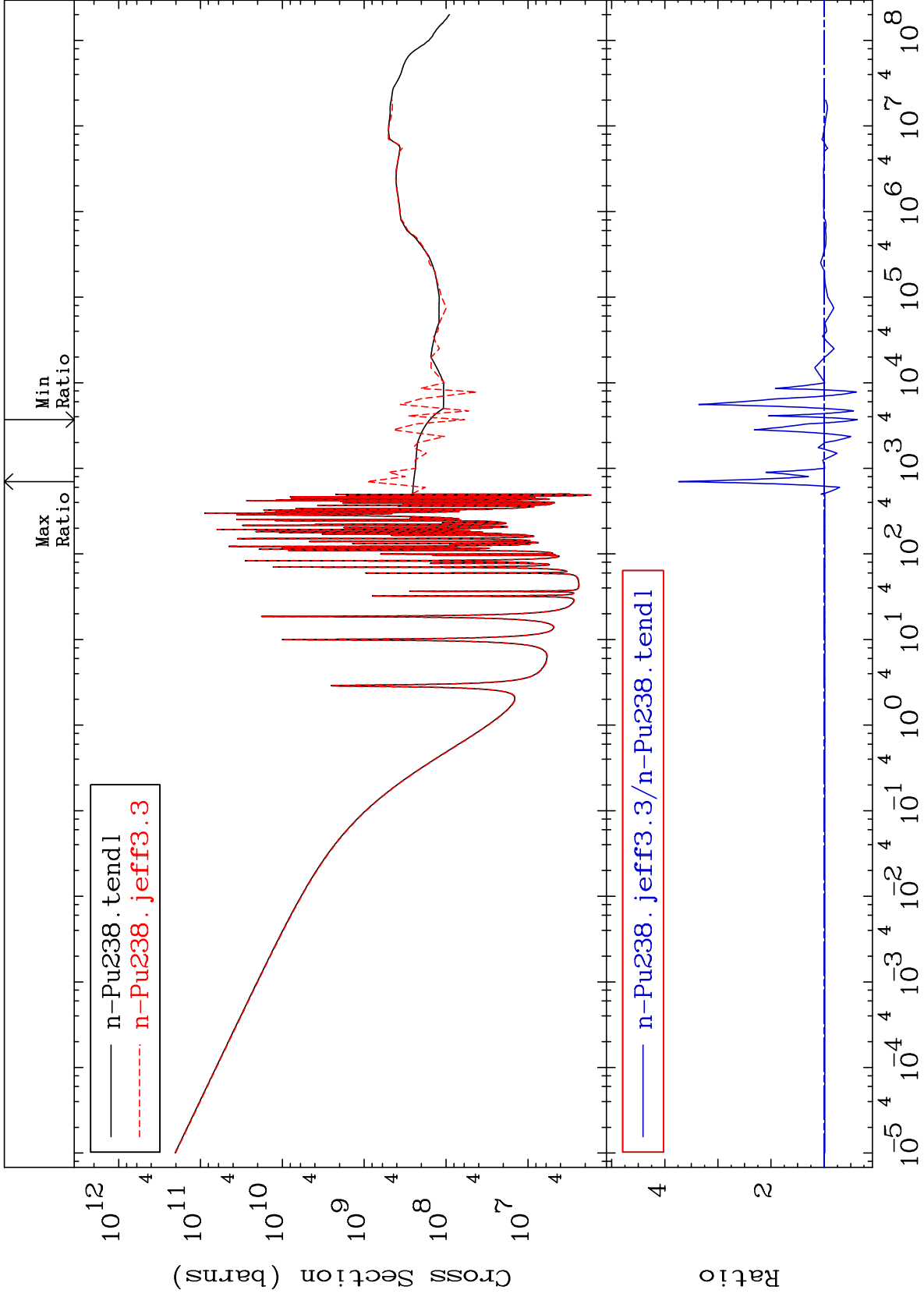




MAT 9434

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

94-Pu-238  
-62.30 To 273.9 %



41

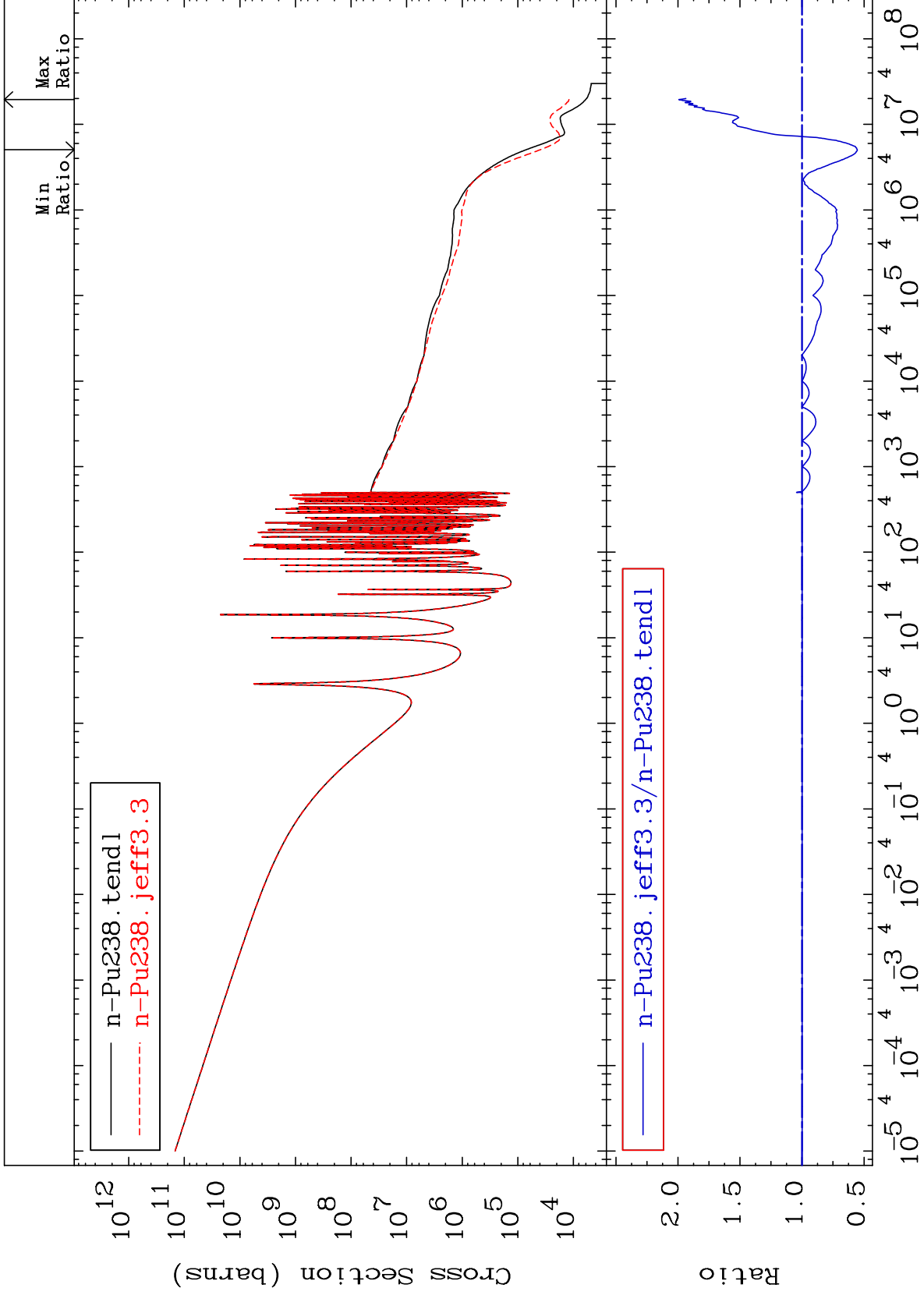
Incident Energy (eV)

94-Pu-238

MAT 9434

Kerma capture (mt102)  
Cross Section

94-Pu-238  
-44.55 To 99.52 %

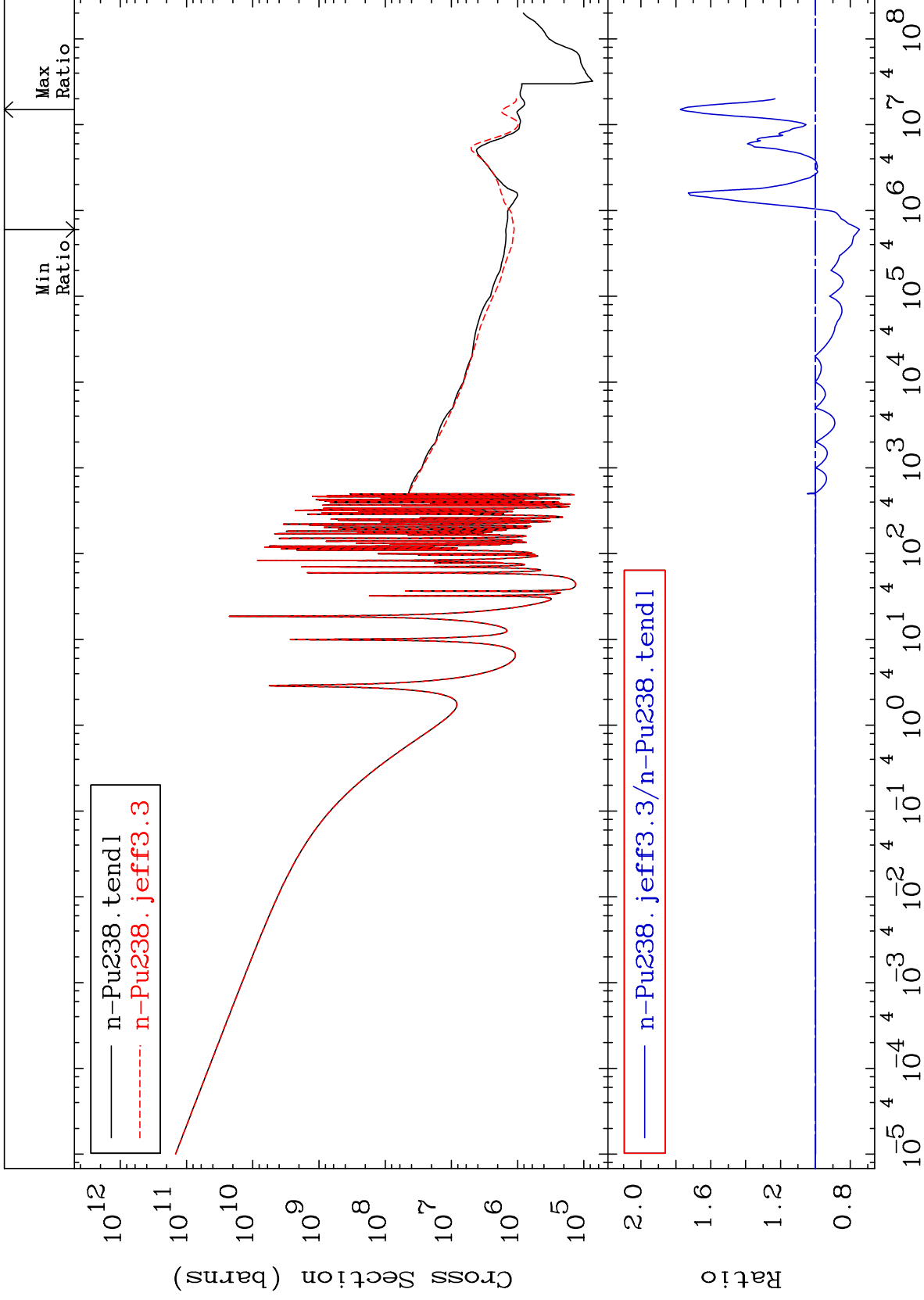


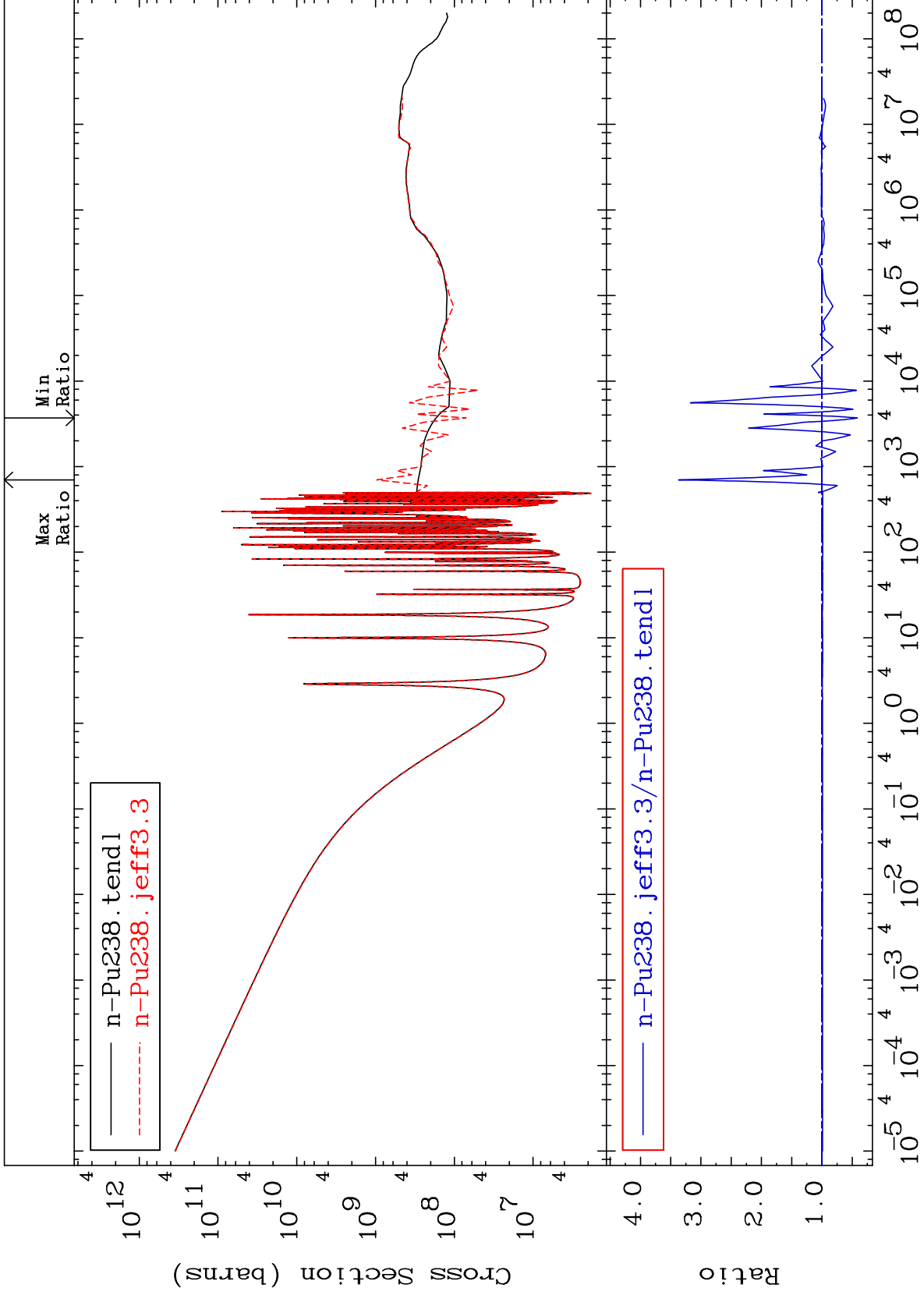


MAT 9434

Total photon (eV-barns)  
Cross Section

94-Pu-238  
-25.22 To 77.42 %

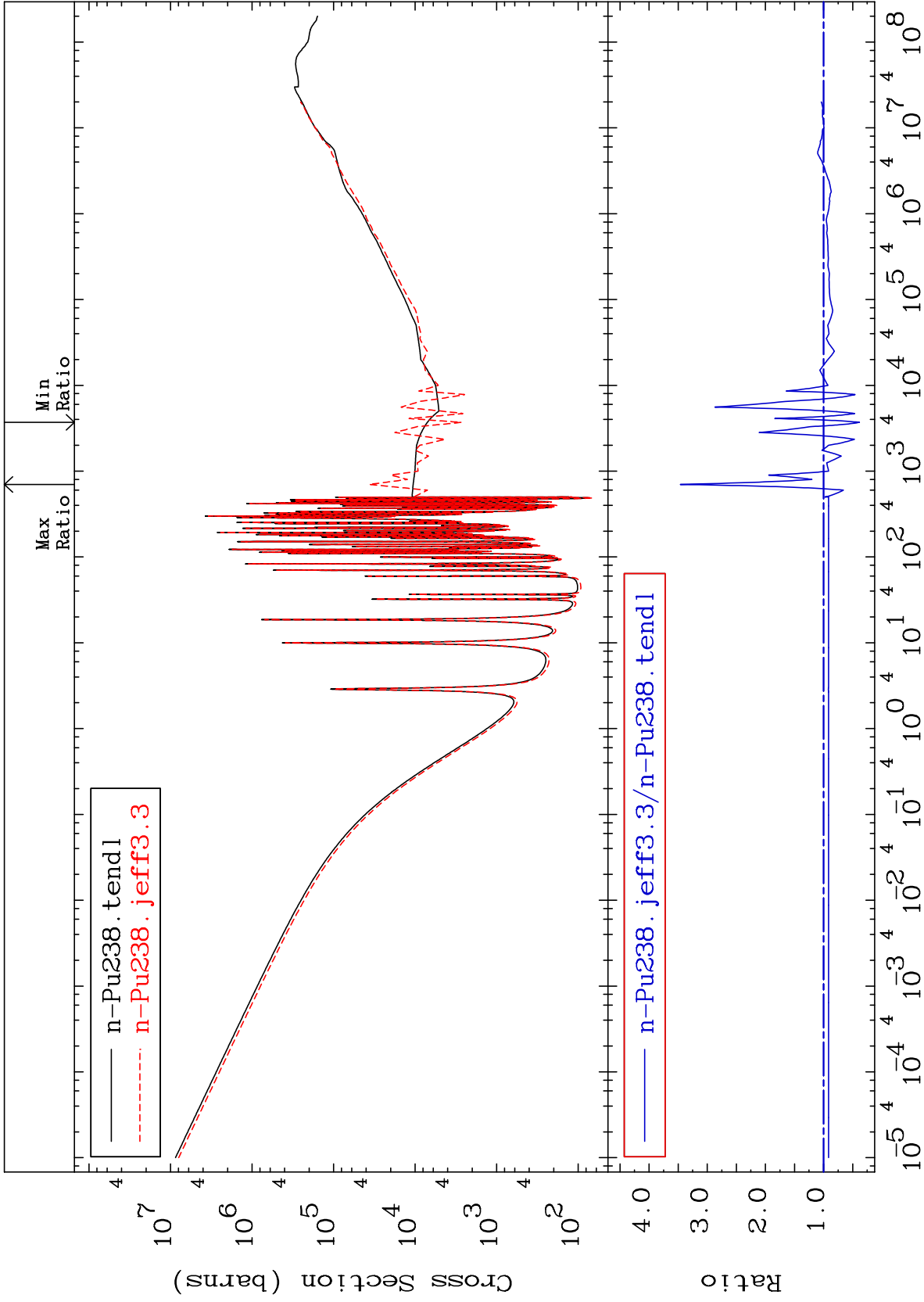




MAT 9434

Dpa total (eV-barns)  
Cross Section

94-Pu-238  
-61.57 To 246.2 %



45

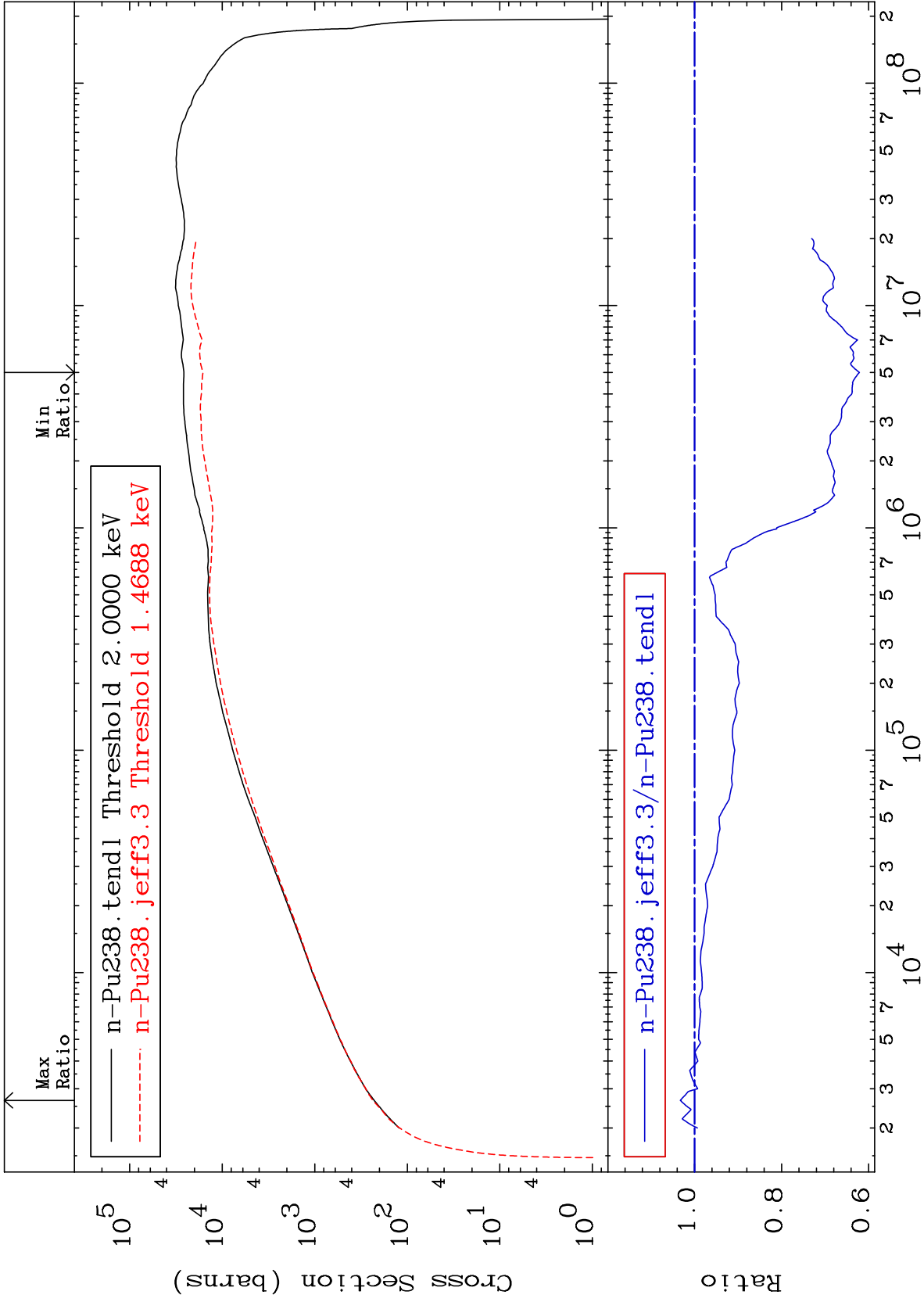
Incident Energy (eV)

94-Pu-238

MAT 9434

Dpa elastic (mt2)  
Cross Section

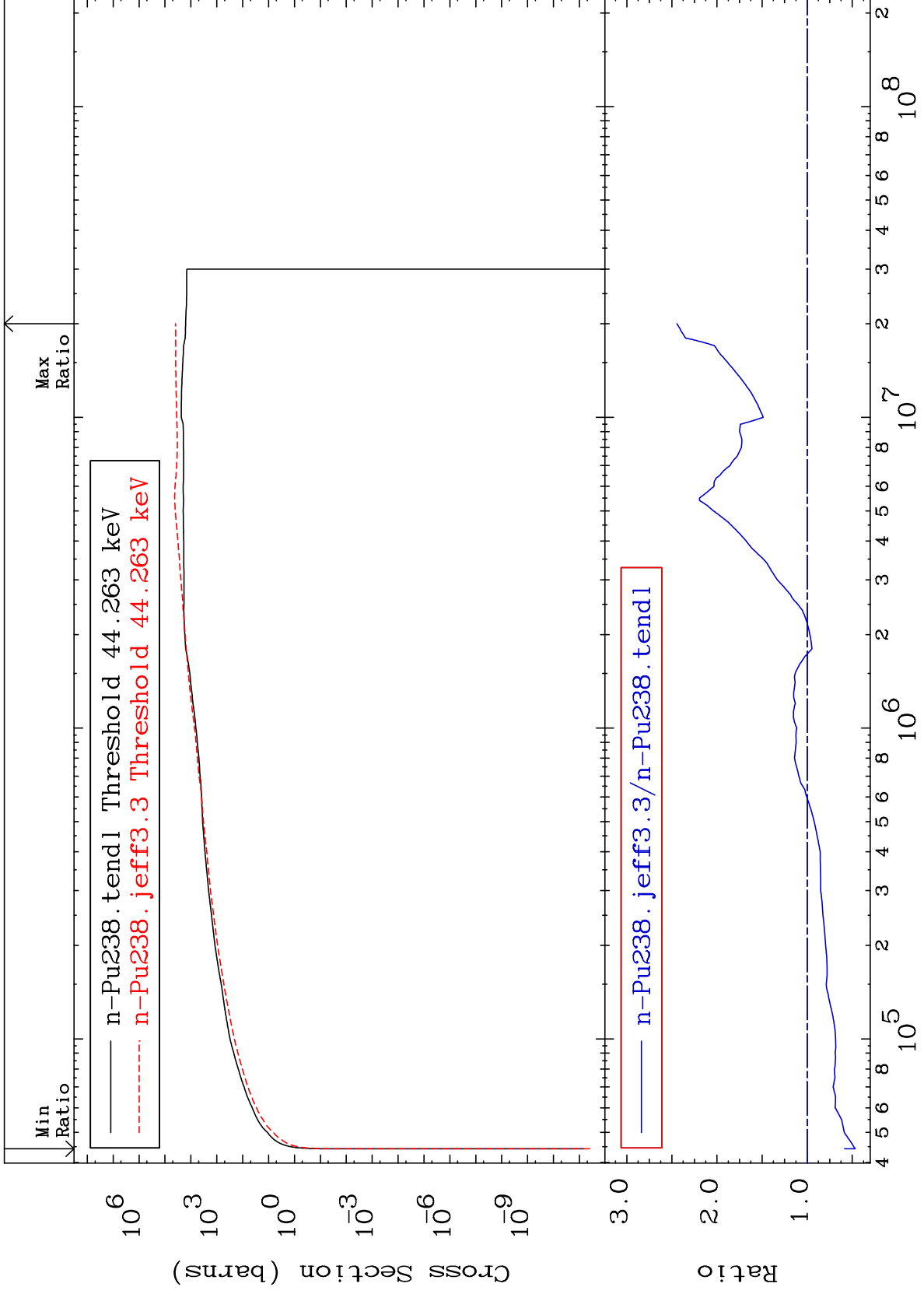
94-Pu-238  
-37.90 To 3.269 %



MAT 9434

Dpa inelastic (mt51-91)  
Cross Section

94-Pu-238  
-53.13 To 144.4 %



MAT 9434

Dpa disappearance (mt102 -120)  
Cross Section

94-Pu-238  
-100.0 To 60.11 %

