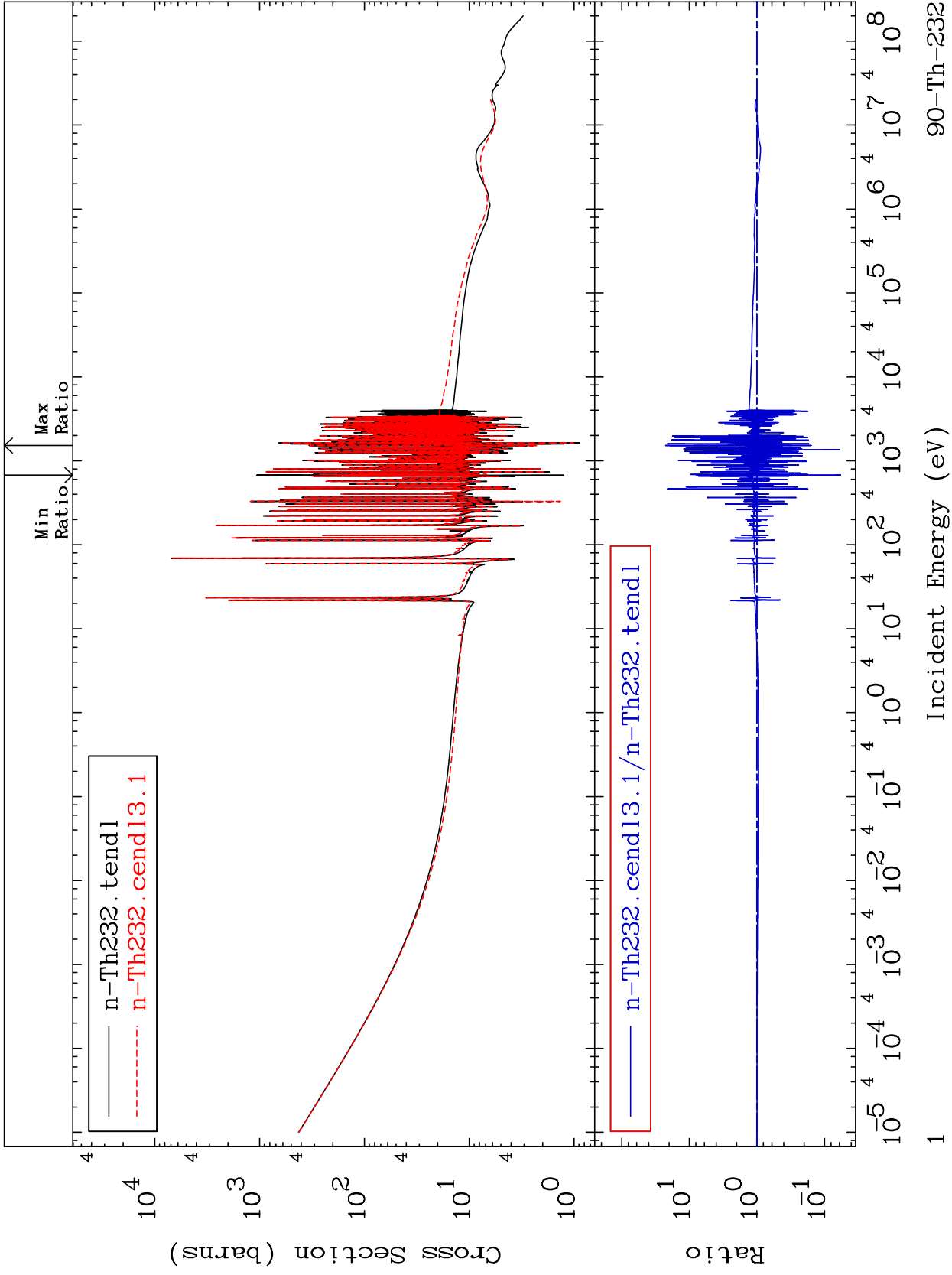


MAT 9040

Total Cross Section  
90-Th-232  
-94.24 To 2155. %

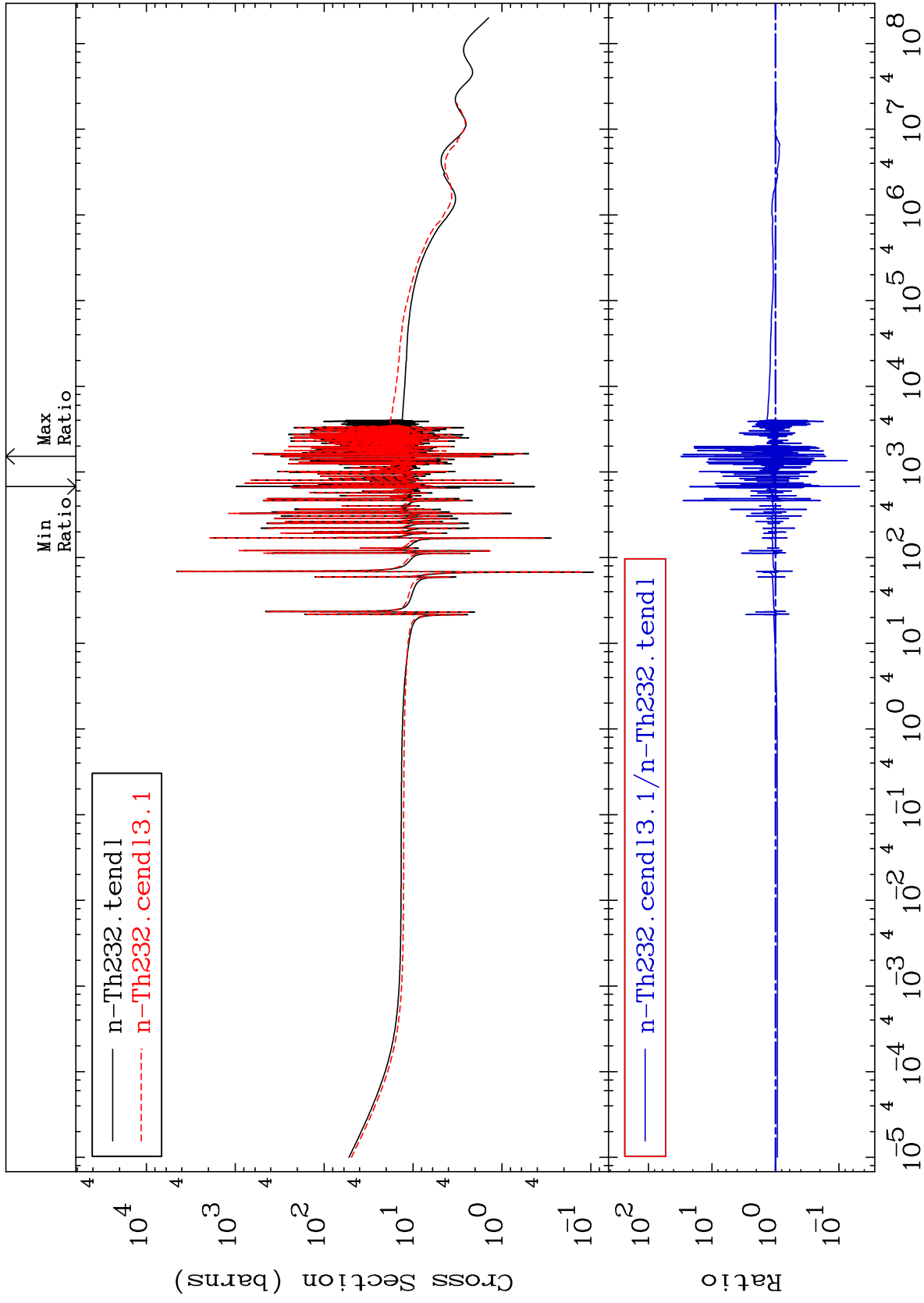


90-Th-232

MAT 9040

Elastic  
Cross Section

90-Th-232  
-95.24 To 2992. %



2

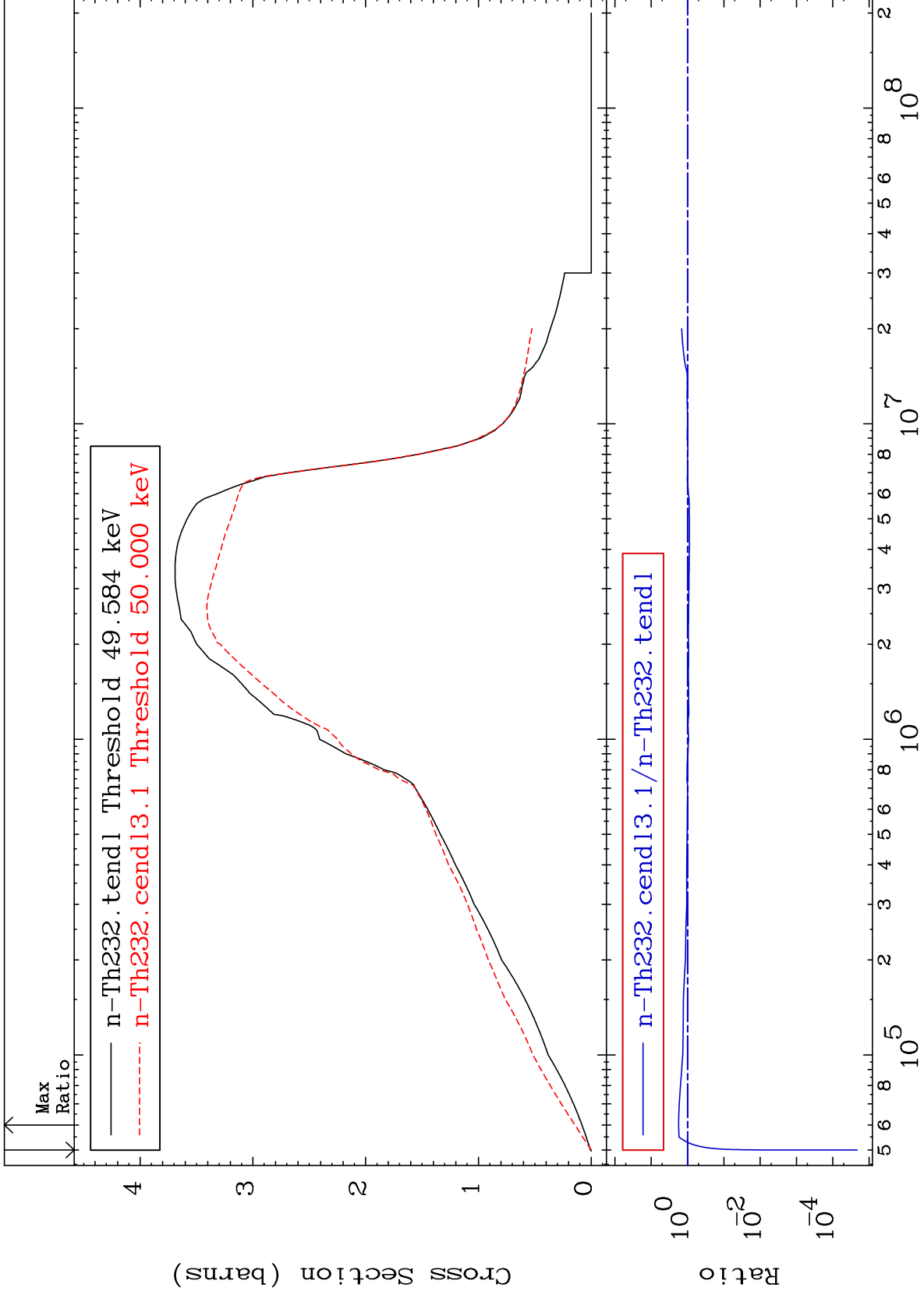
Incident Energy (eV)

90-Th-232

MAT 9040

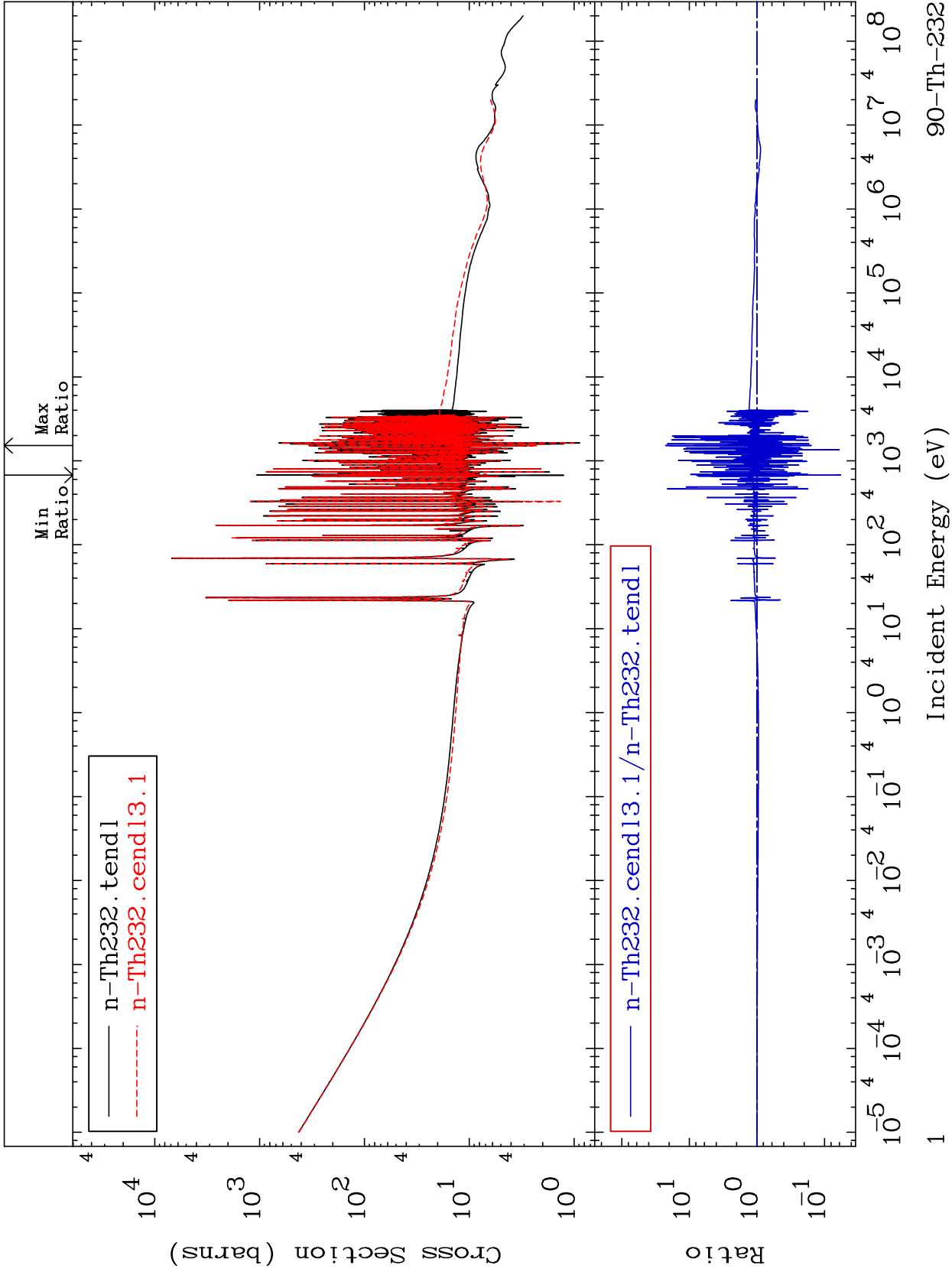
Inelastic  
Cross Section

90-Th-232  
-100.0 To 75.82 %



MAT 9040

Total Cross Section  
90-Th-232  
-94.24 To 2155. %

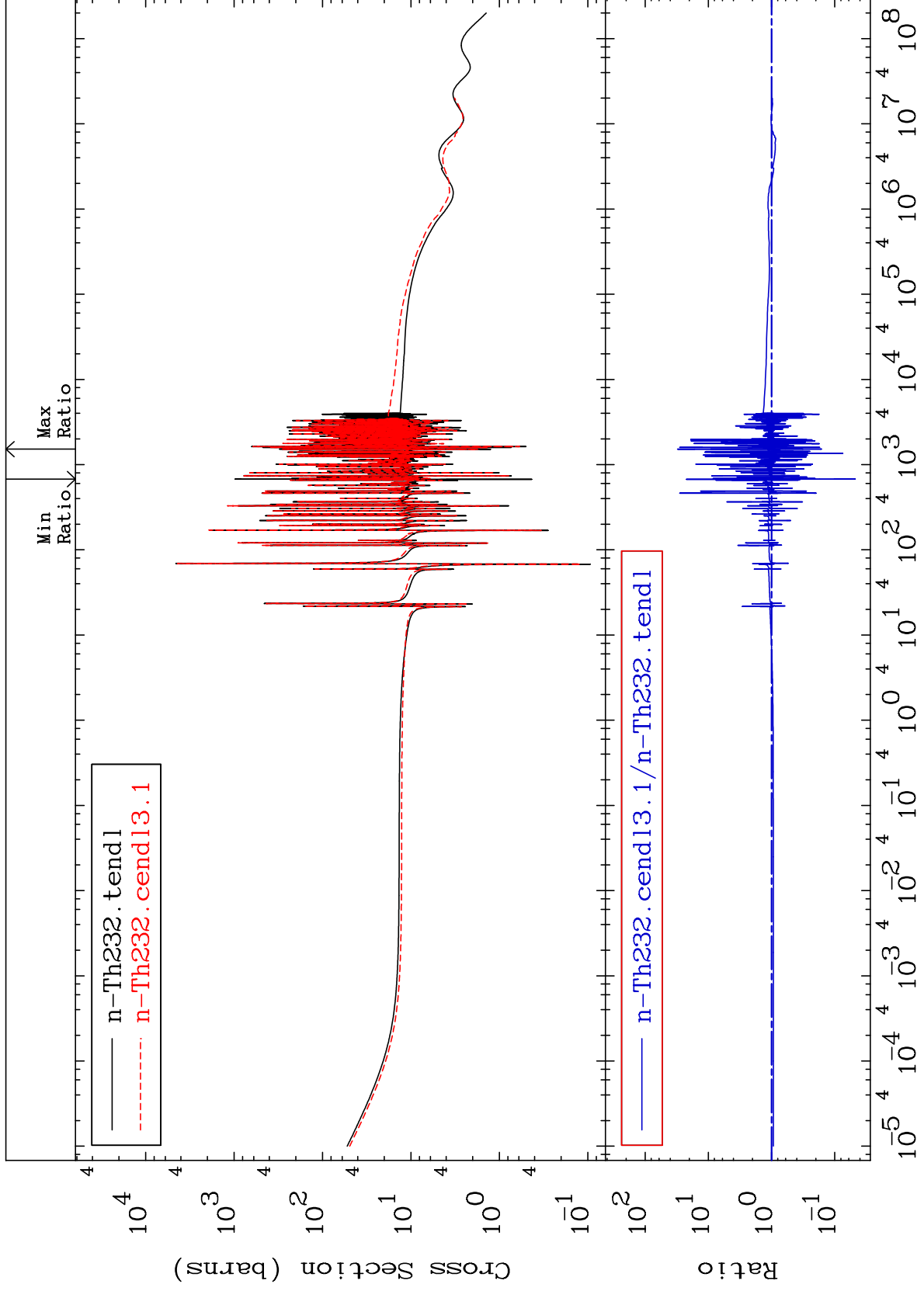


90-Th-232

MAT 9040

Elastic  
Cross Section

90-Th-232  
-95.24 To 2992. %



2

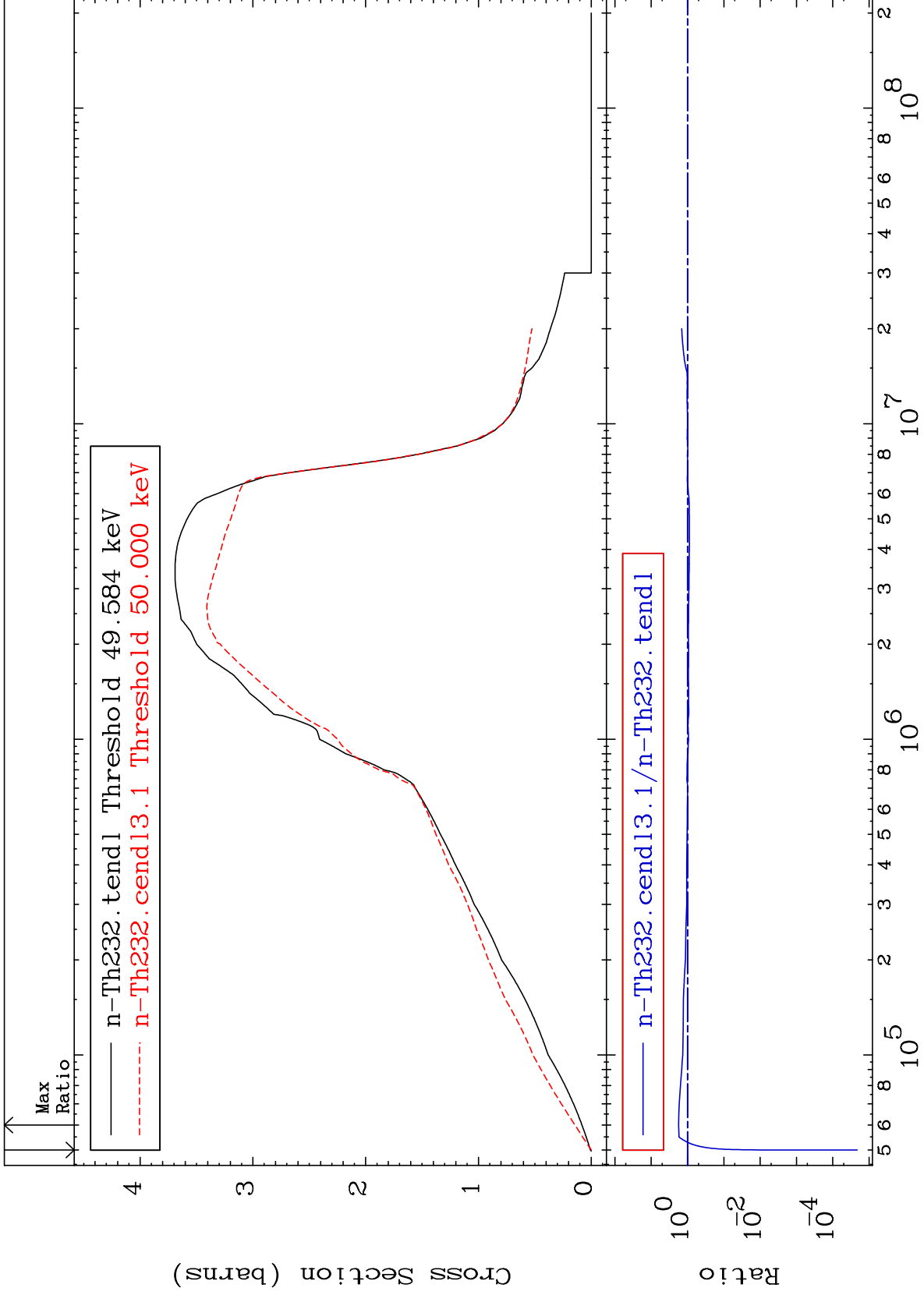
Incident Energy (eV)

90-Th-232

MAT 9040

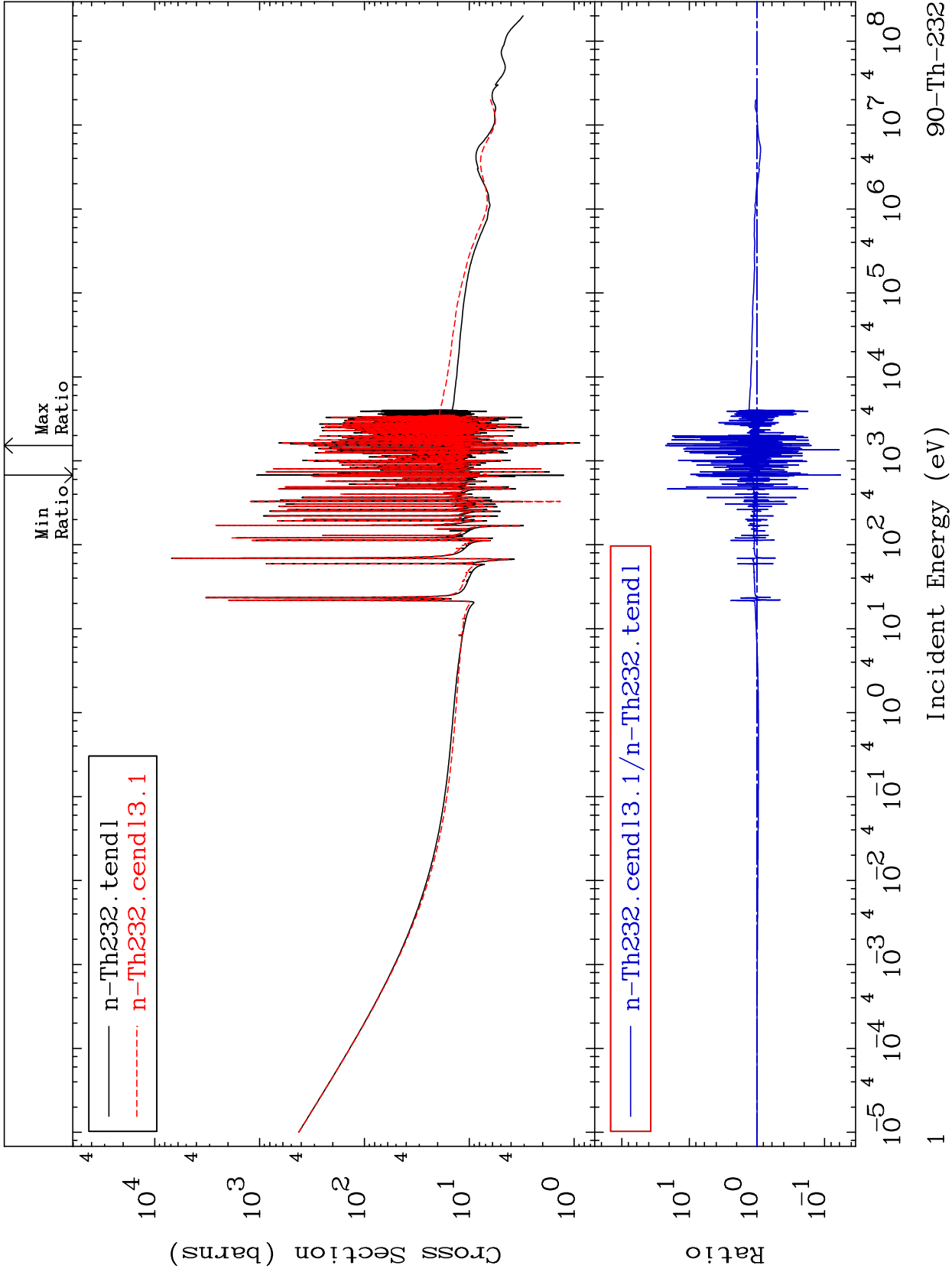
Inelastic  
Cross Section

90-Th-232  
-100.0 To 75.82 %



MAT 9040

Total Cross Section  
90-Th-232  
-94.24 To 2155. %

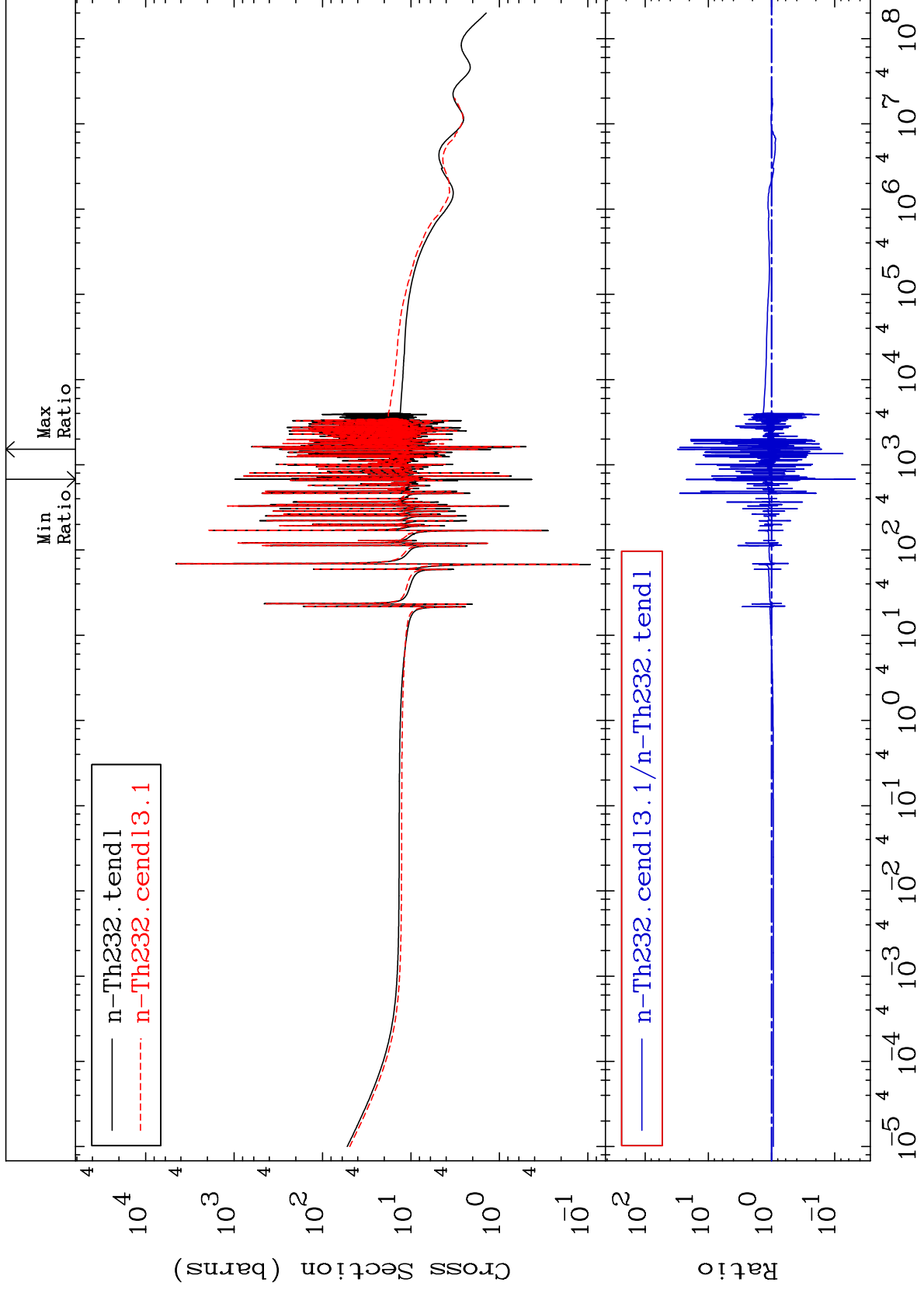


90-Th-232

MAT 9040

Elastic  
Cross Section

90-Th-232  
-95.24 To 2992. %



2

Incident Energy (eV)

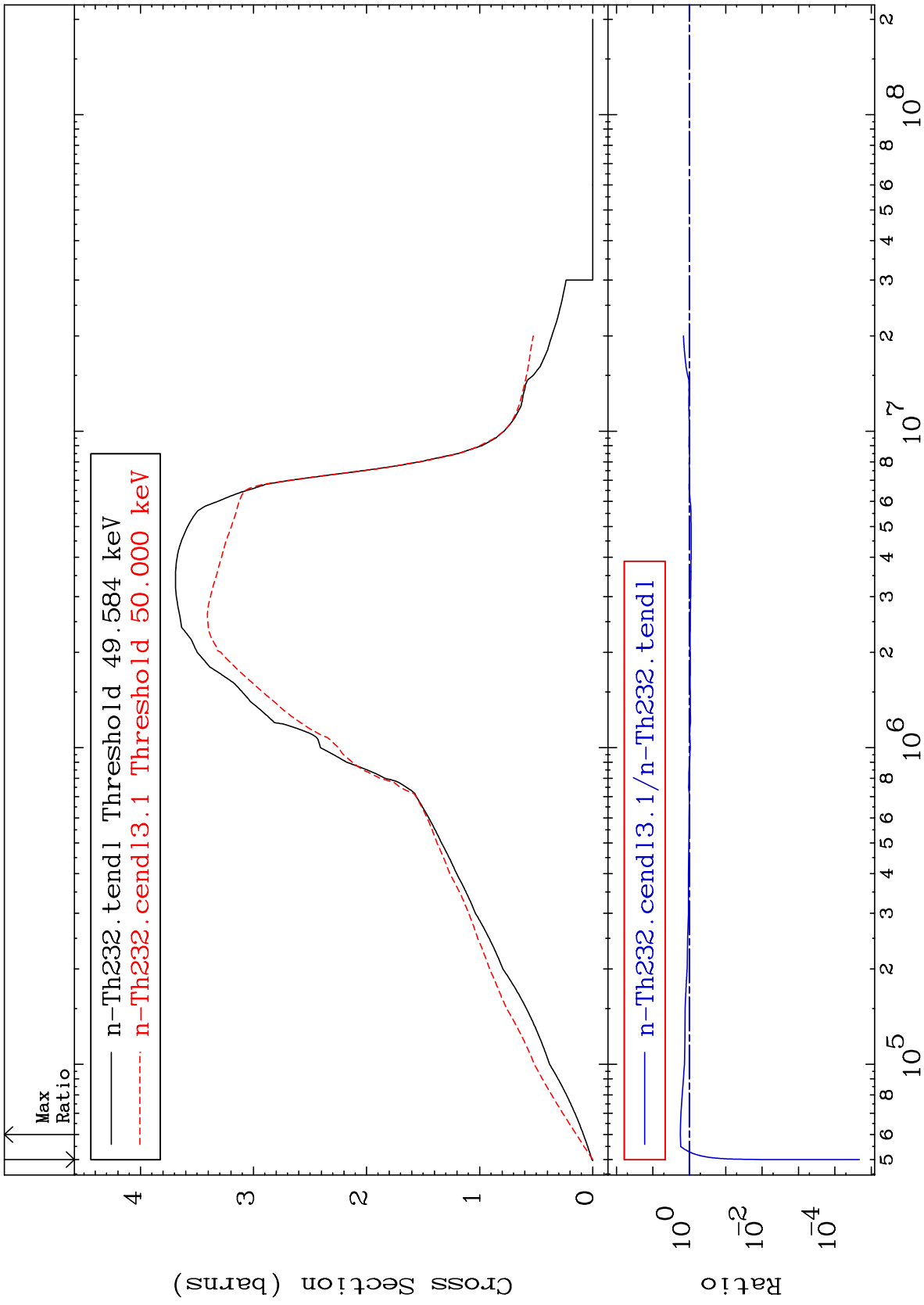
90-Th-232



MAT 9040

Inelastic  
Cross Section

90-Th-232  
-100.0 To 75.82 %



3

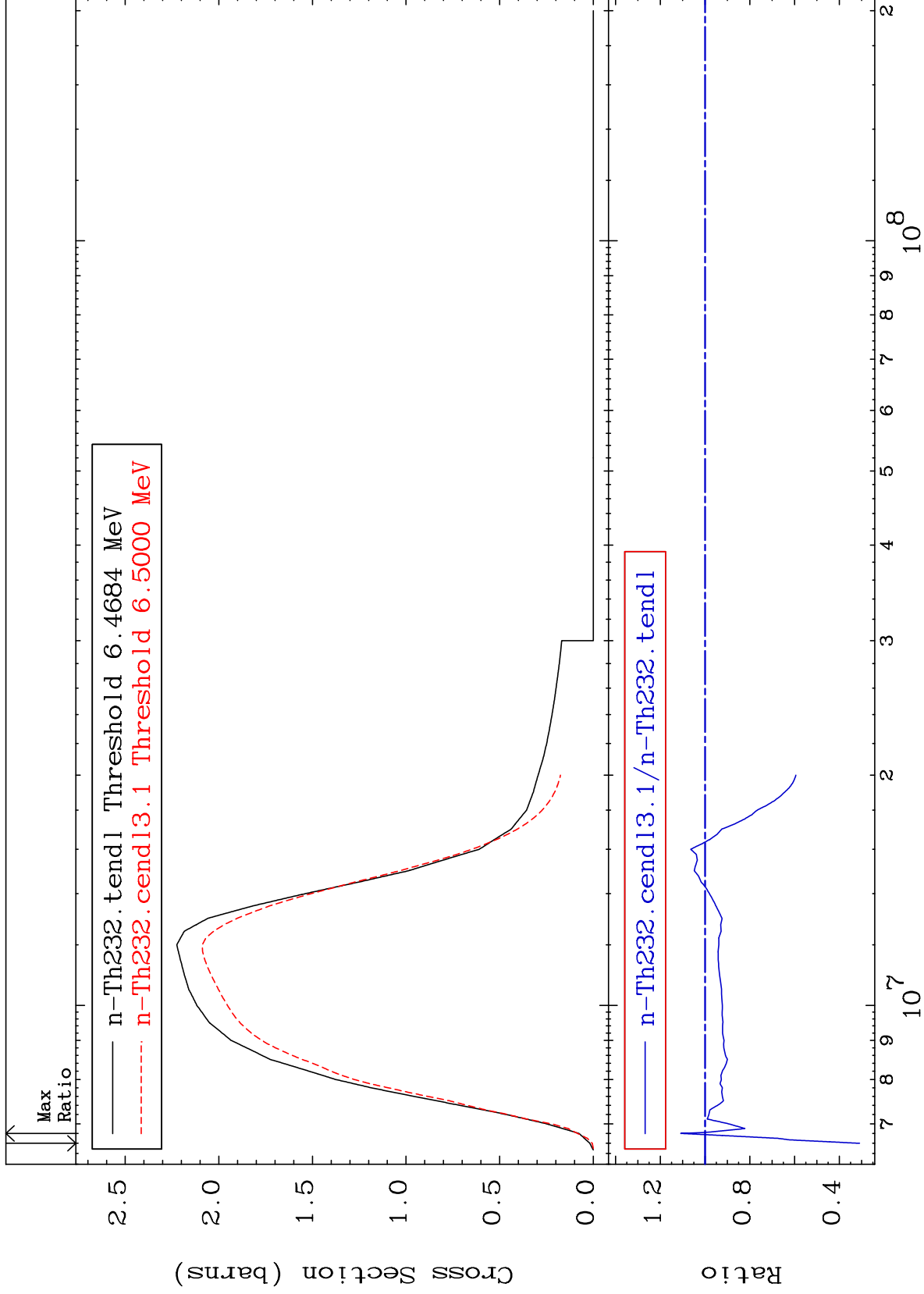
Incident Energy (eV)

90-Th-232

MAT 9040

(n,2n)  
Cross Section

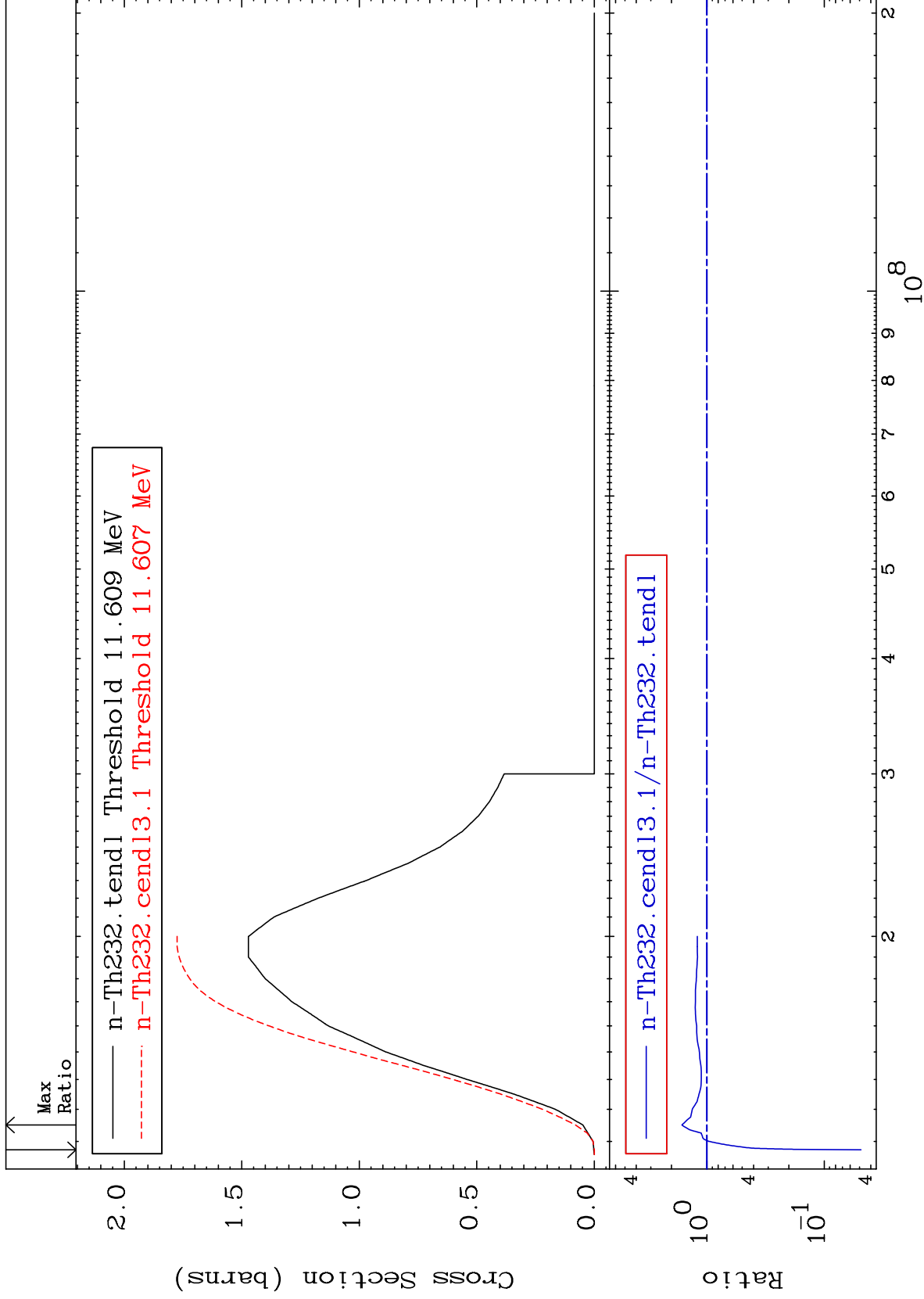
90-Th-232  
-69.03 To 10.86 %



MAT 9040

(n,3n)  
Cross Section

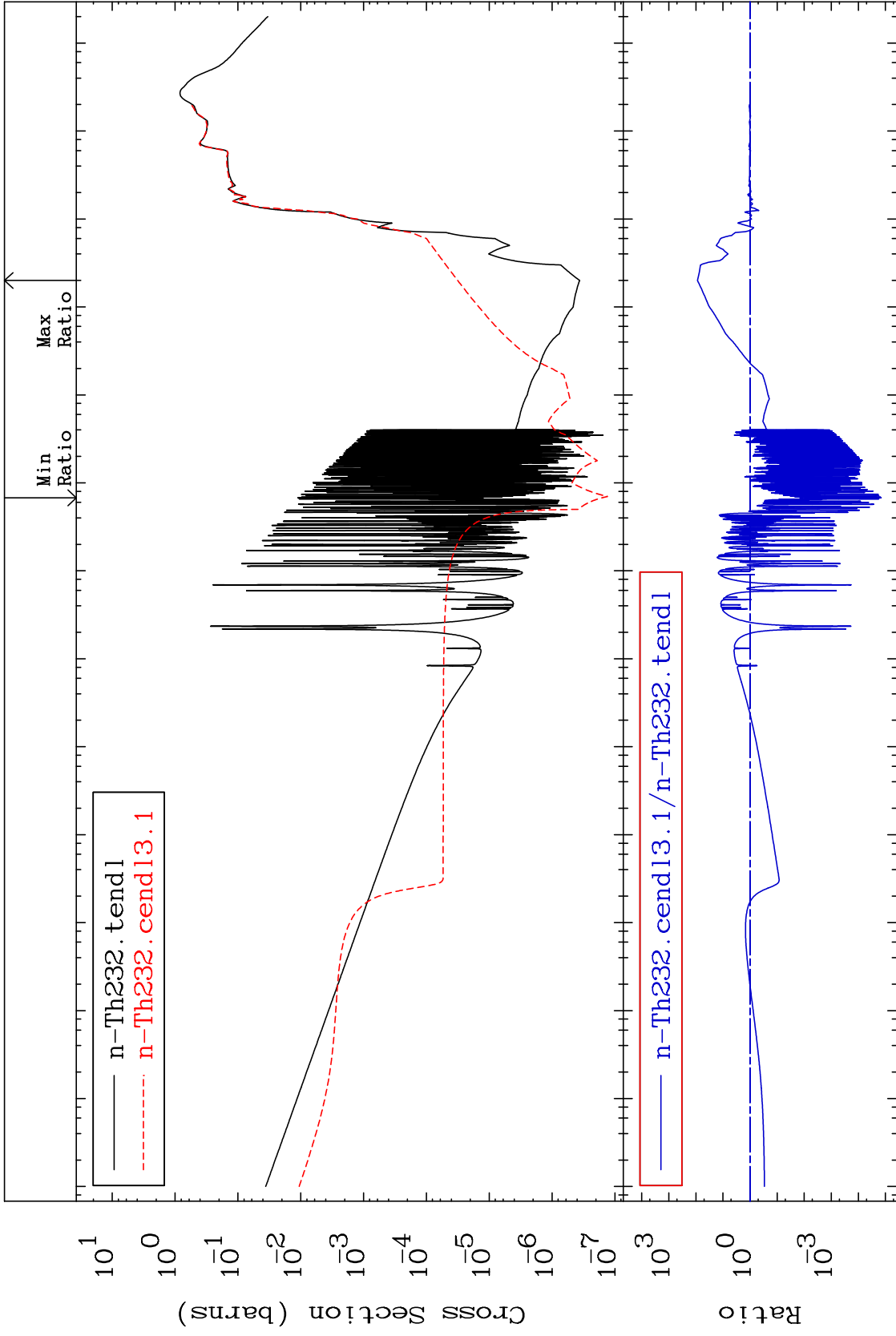
90-Th-232  
-95.14 To 63.14 %



MAT 9040

Fission  
Cross Section

90-Th-232  
-100.0 To 8612. %



Incident Energy (eV)

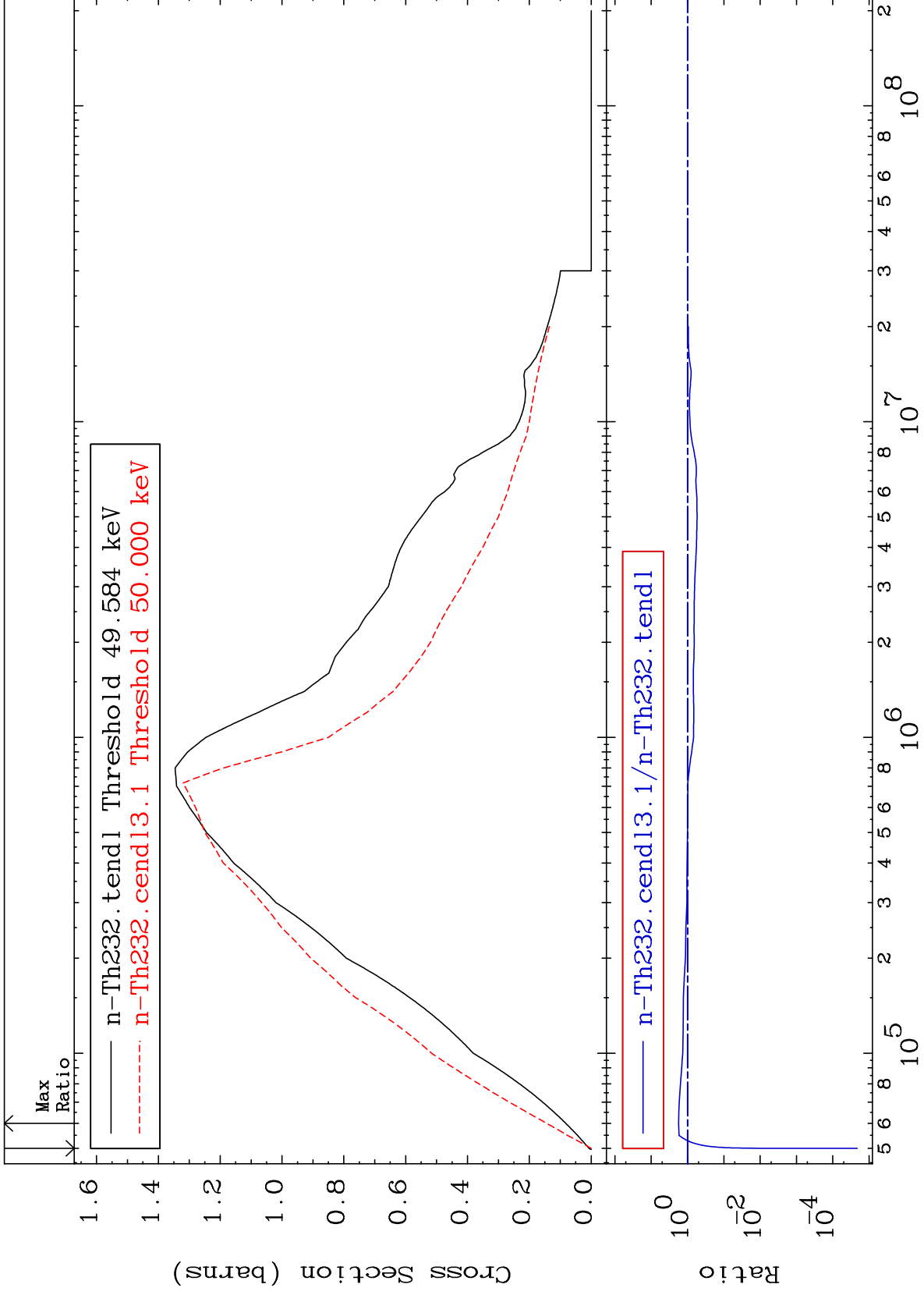
90-Th-232

6

MAT 9040

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

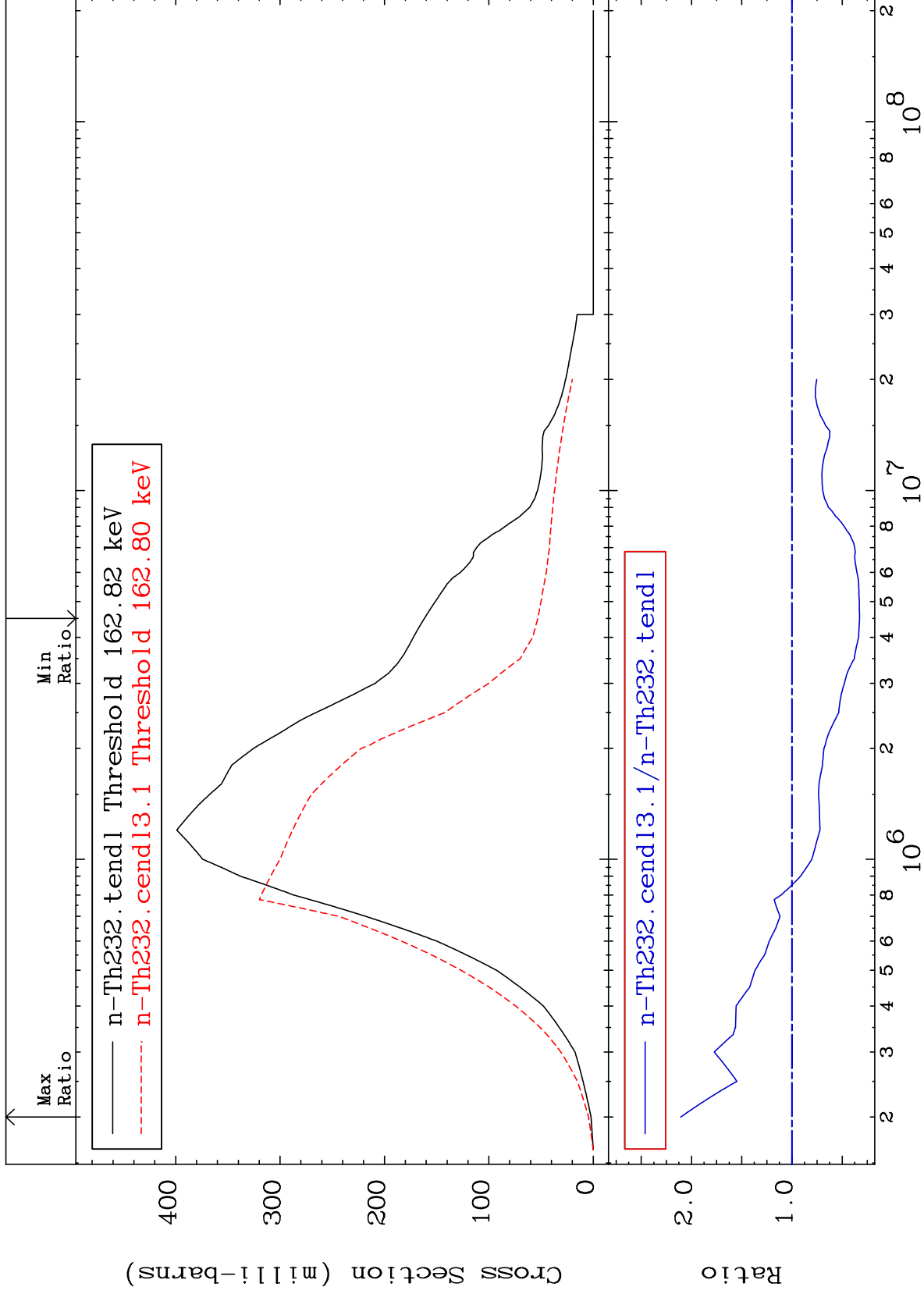
90-Th-232  
-100.0 To 75.82 %



MAT 9040

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

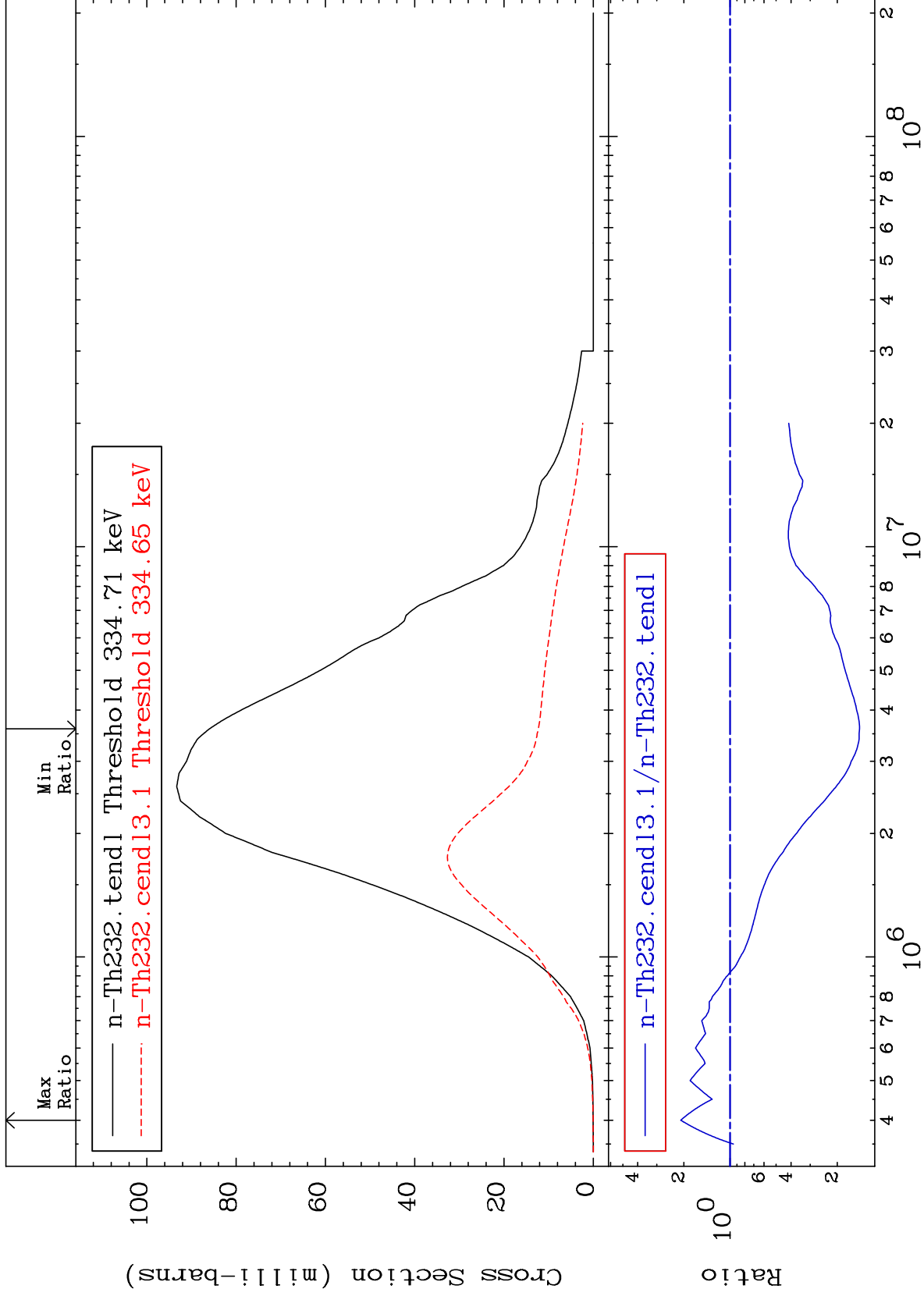
90-Th-232  
-67.24 To 110.7 %



MAT 9040

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

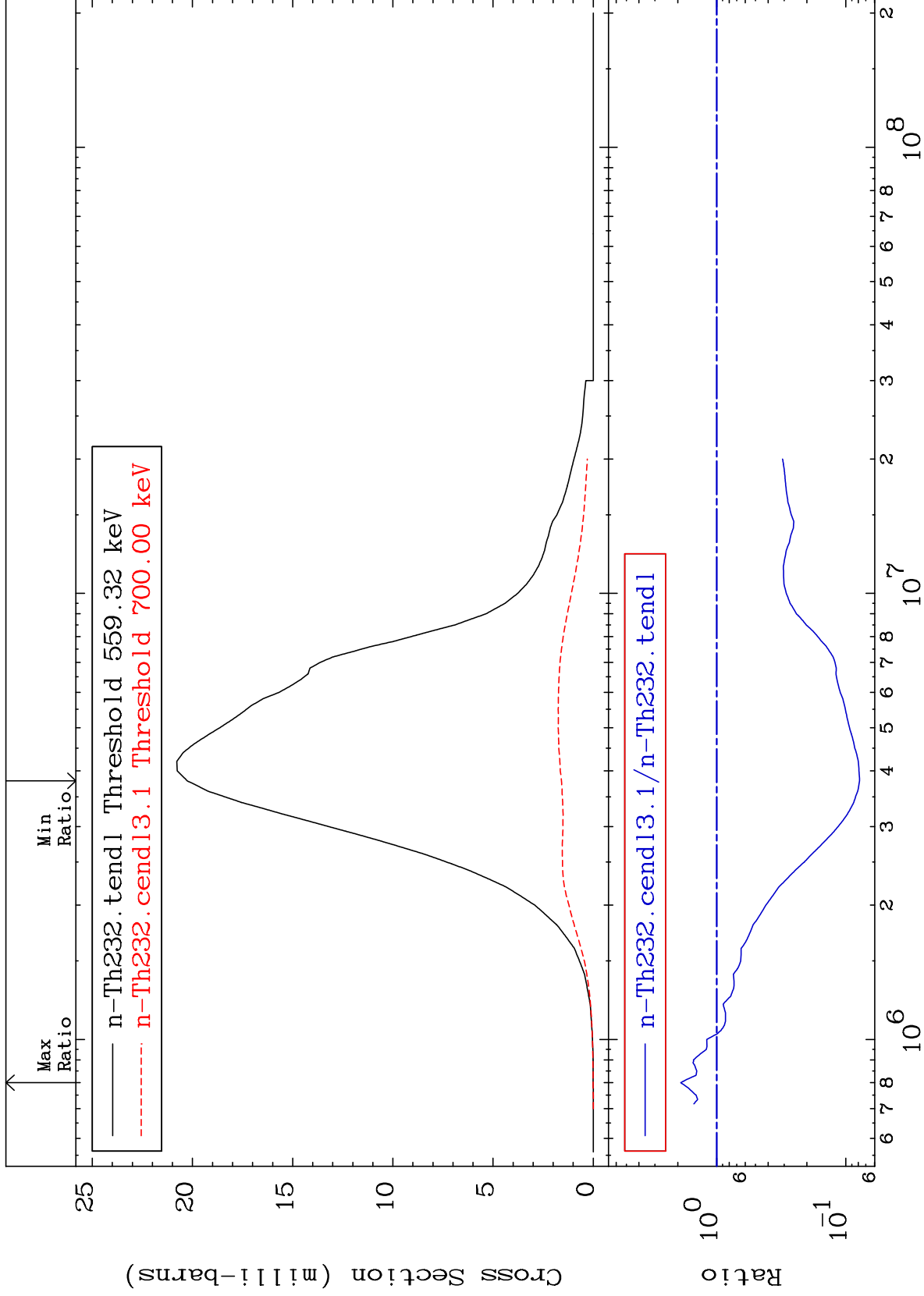
90-Th-232  
-85.70 To 109.3 %



MAT 9040

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

90-Th-232  
-92.17 To 89.56 %



10

Incident Energy (eV)

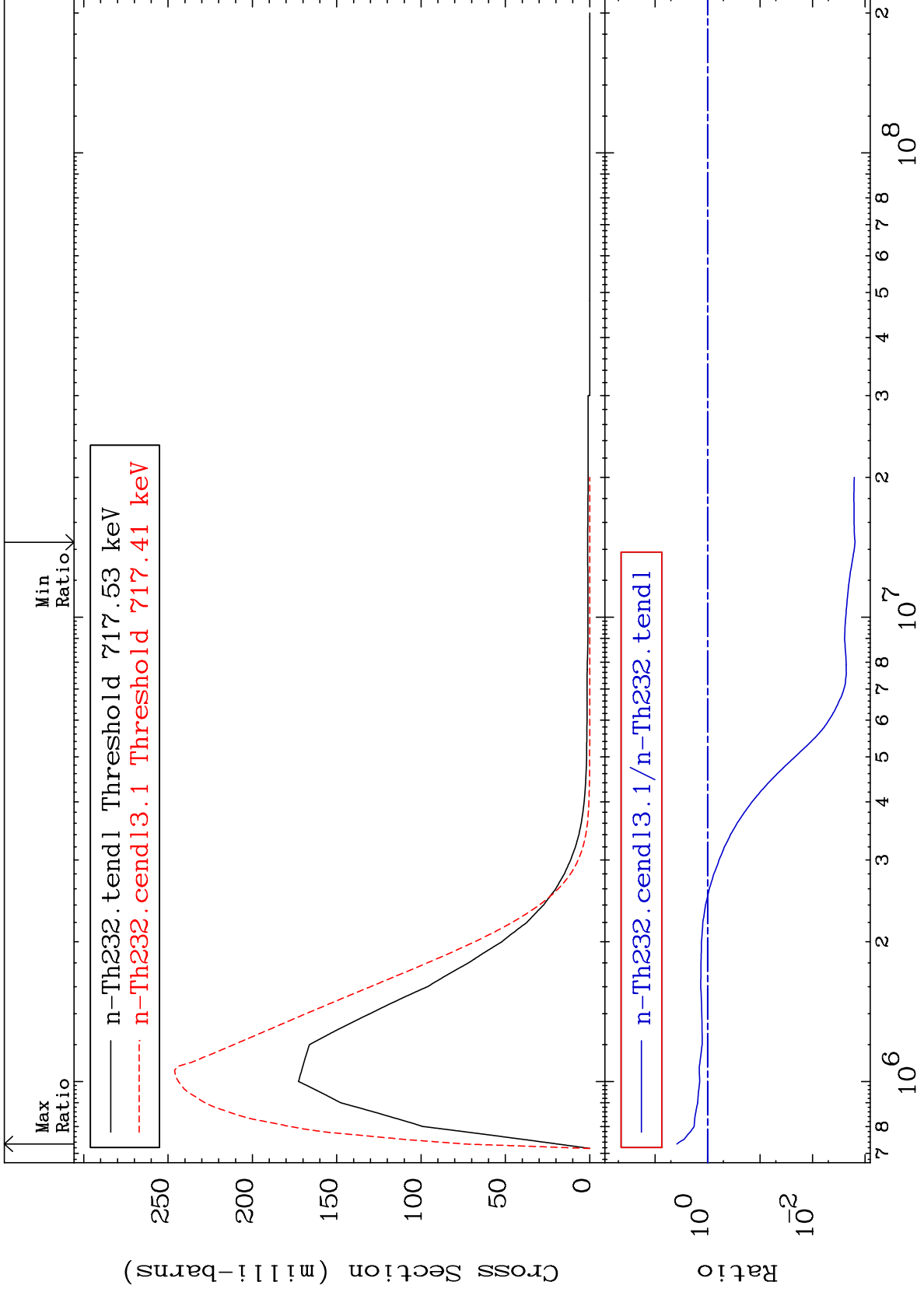
90-Th-232



MAT 9040

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

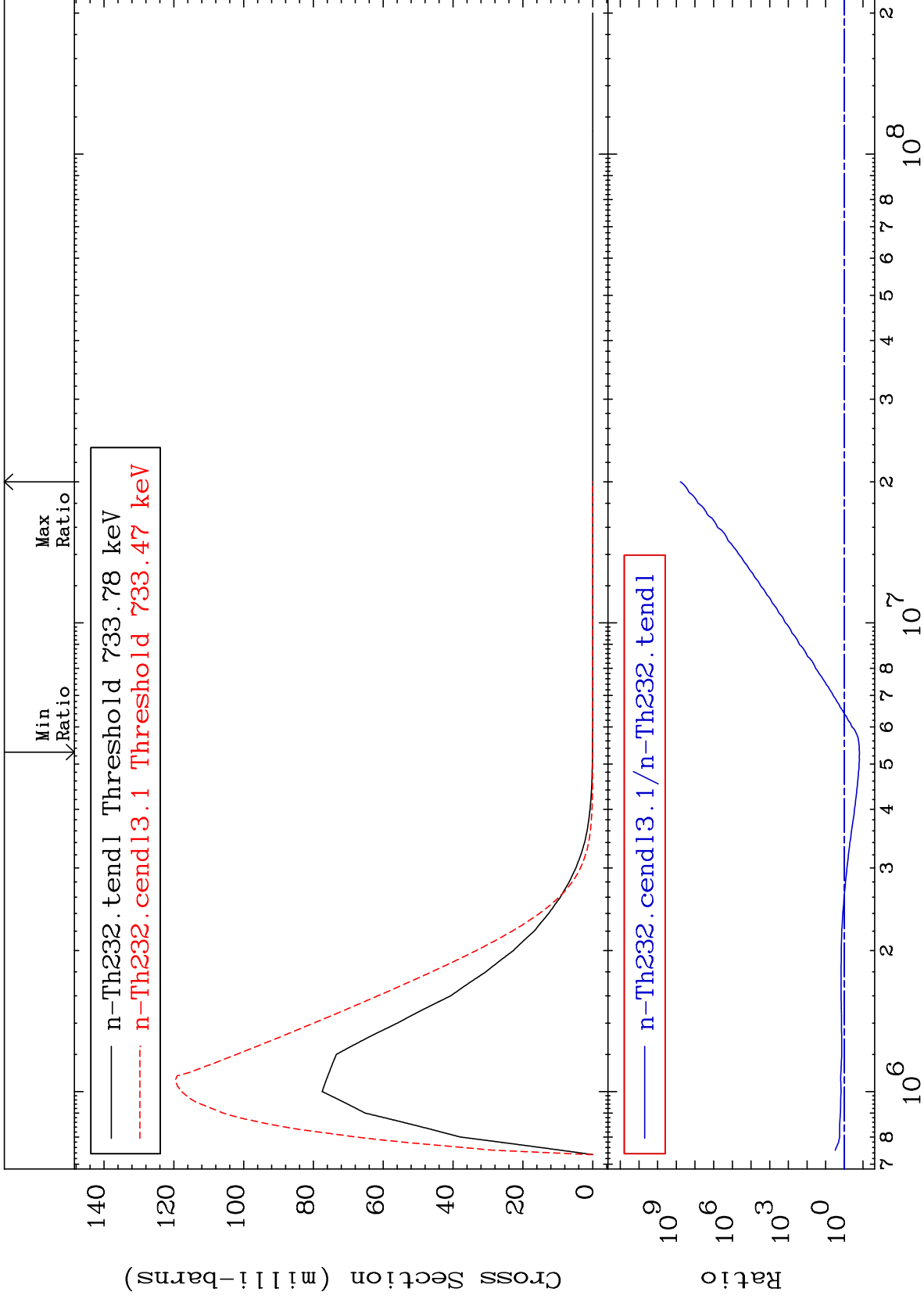
90-Th-232  
-99.85 To 283.2 %



MAT 9040

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

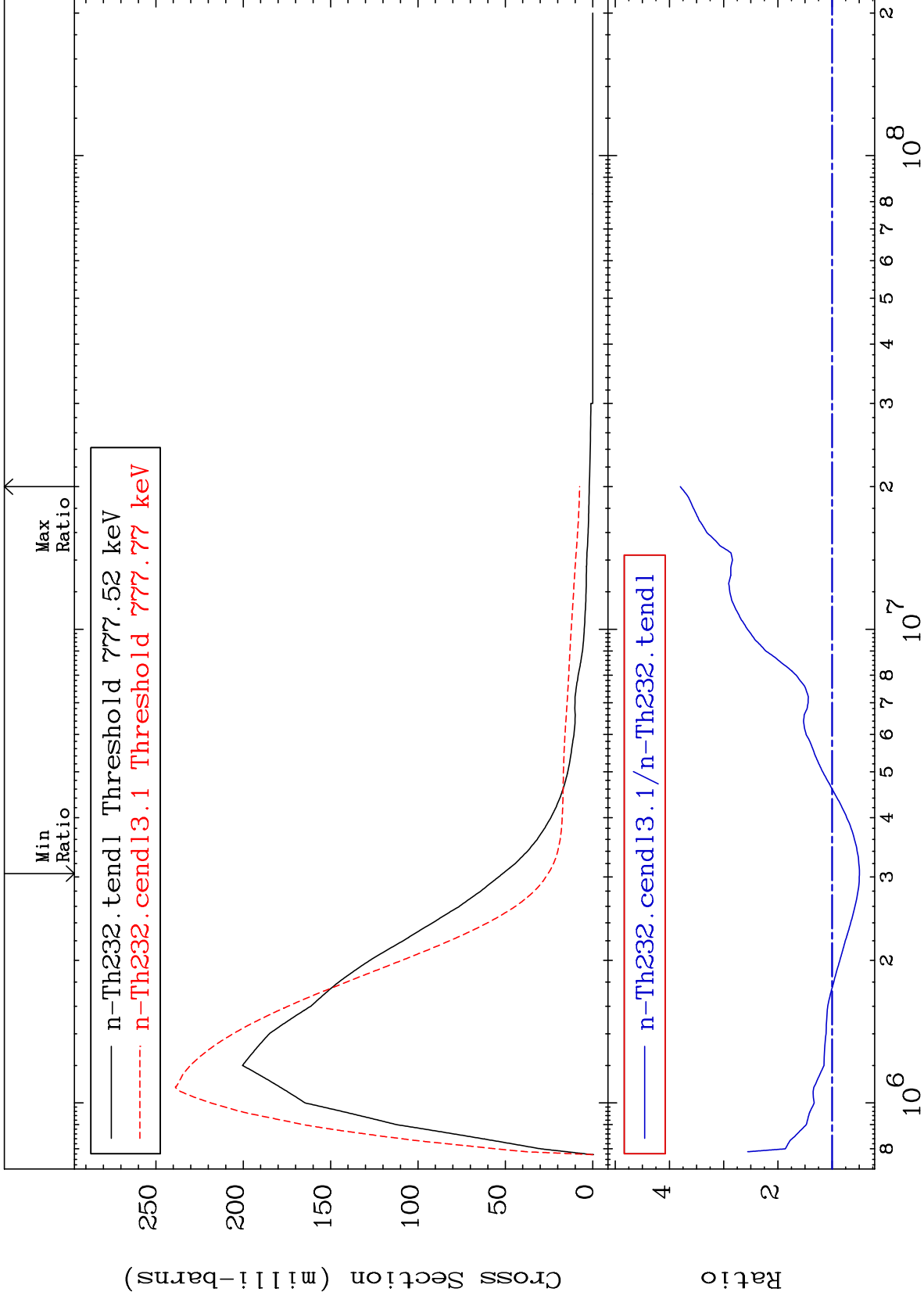
90-Th-232  
-84.38 To 9999. %



MAT 9040

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

90-Th-232  
-50.49 To 279.8 %



13

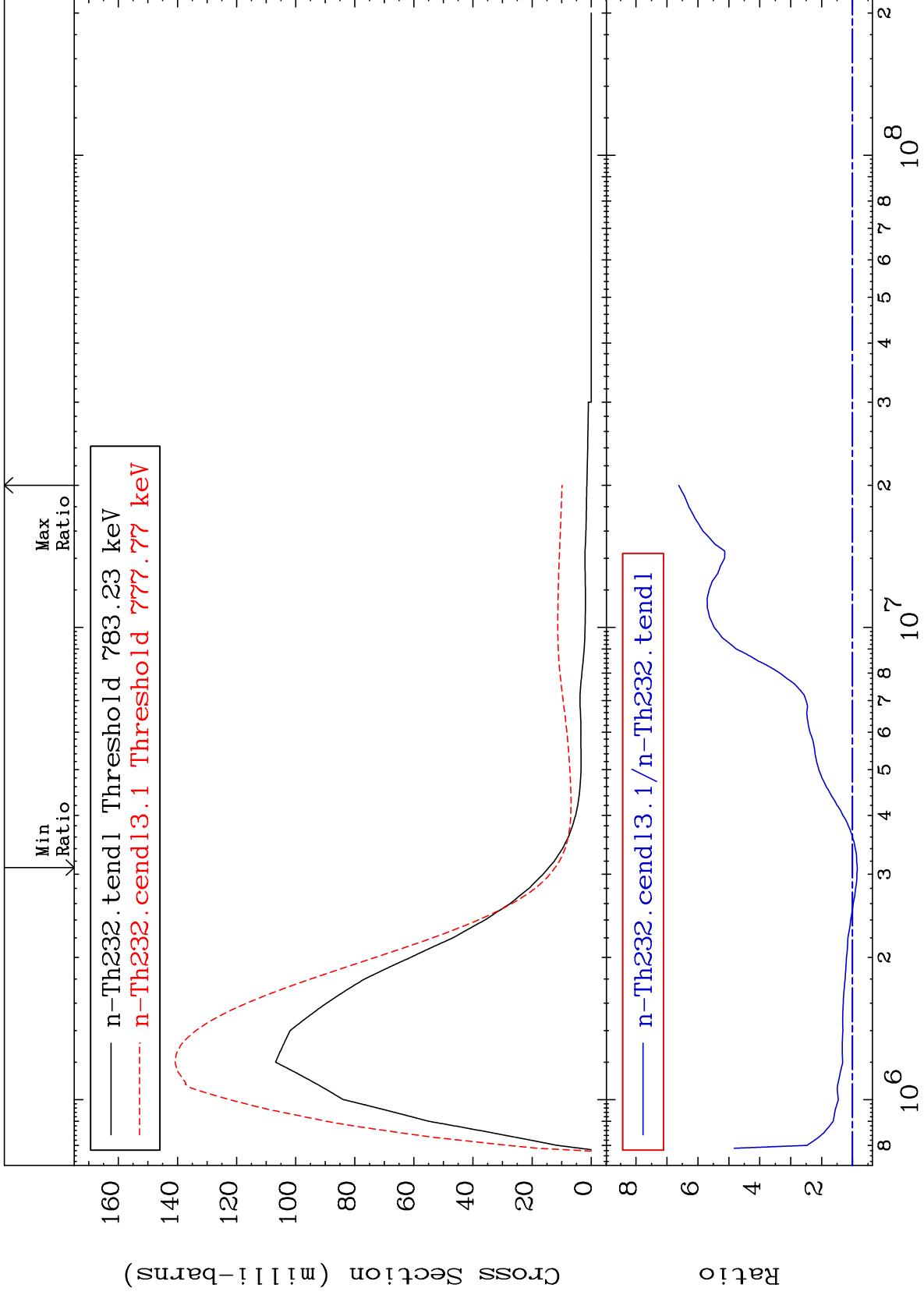
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232  
-15.21 To 562.2 %



14

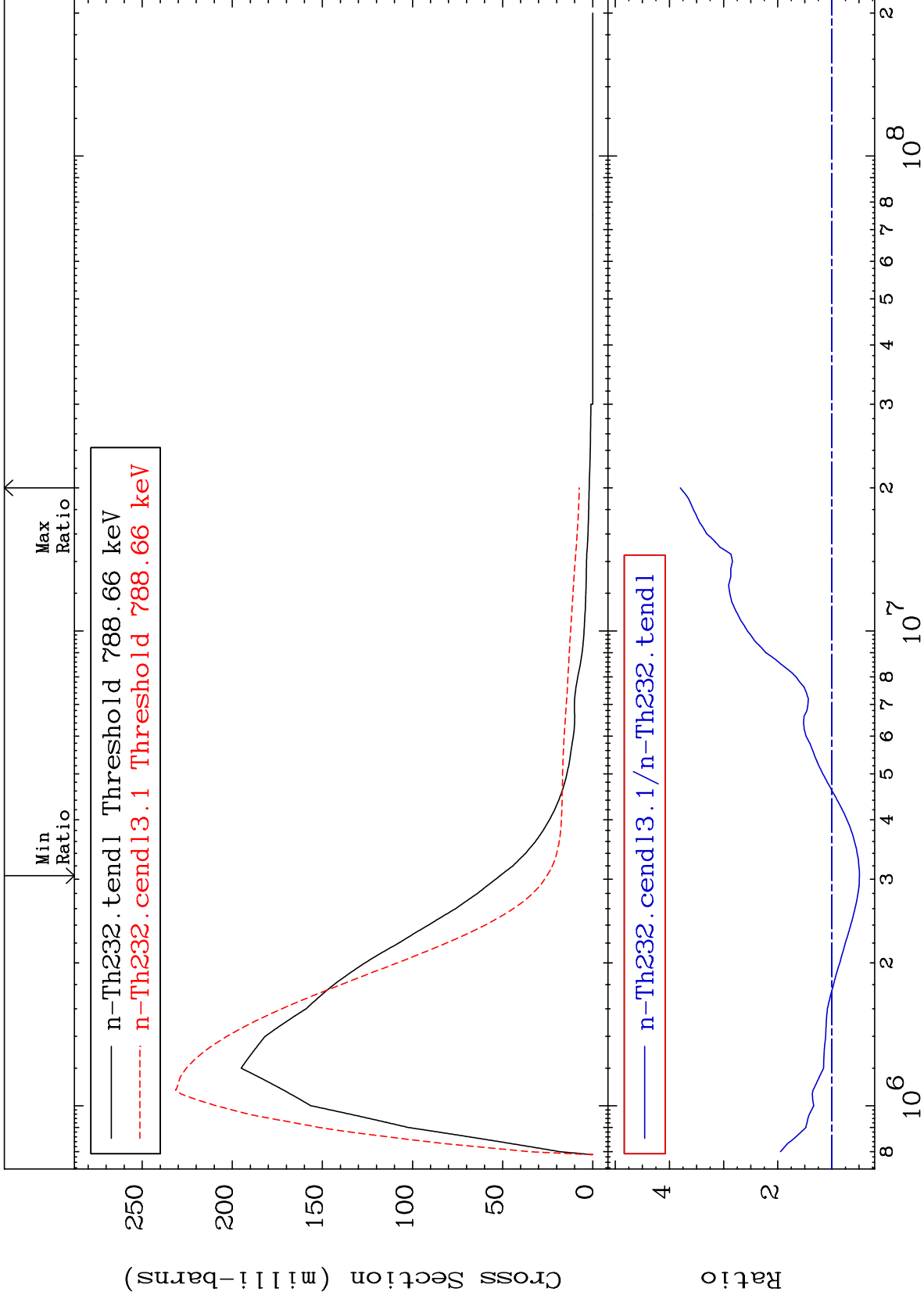
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232  
-50.65 To 279.8 %



15

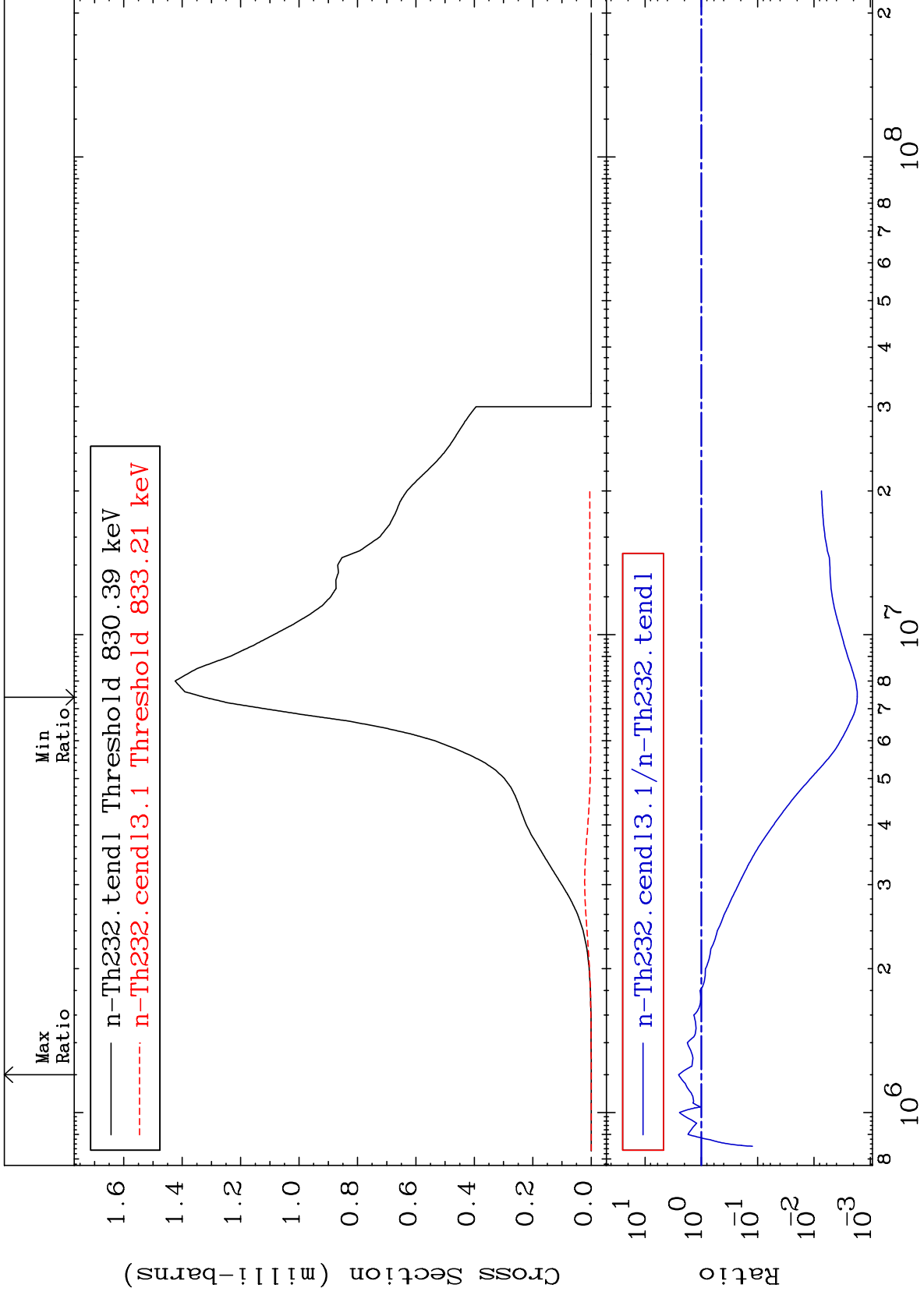
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232  
-99.83 To 153.1 %



16

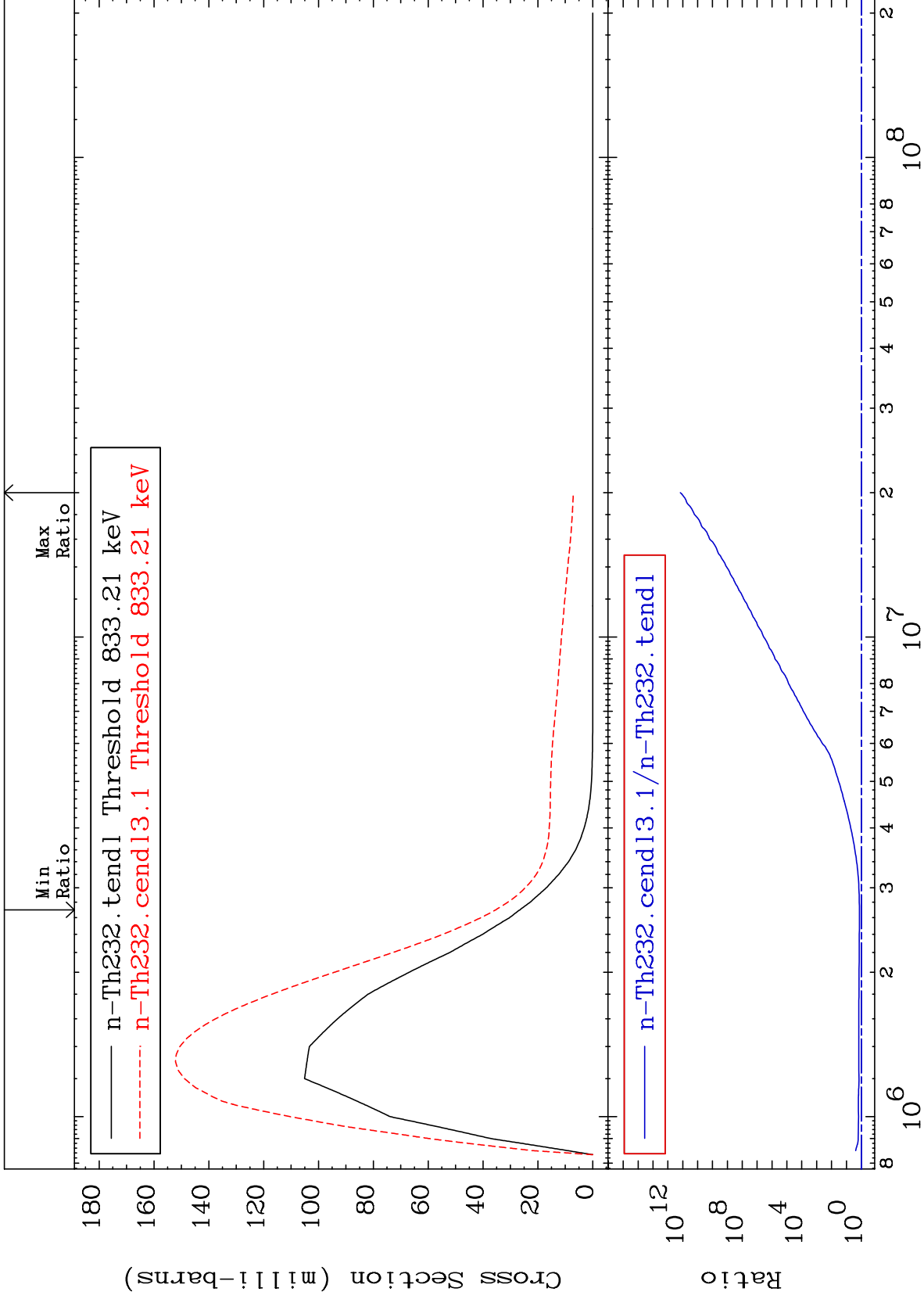
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232  
33.15 To 9999. %



17

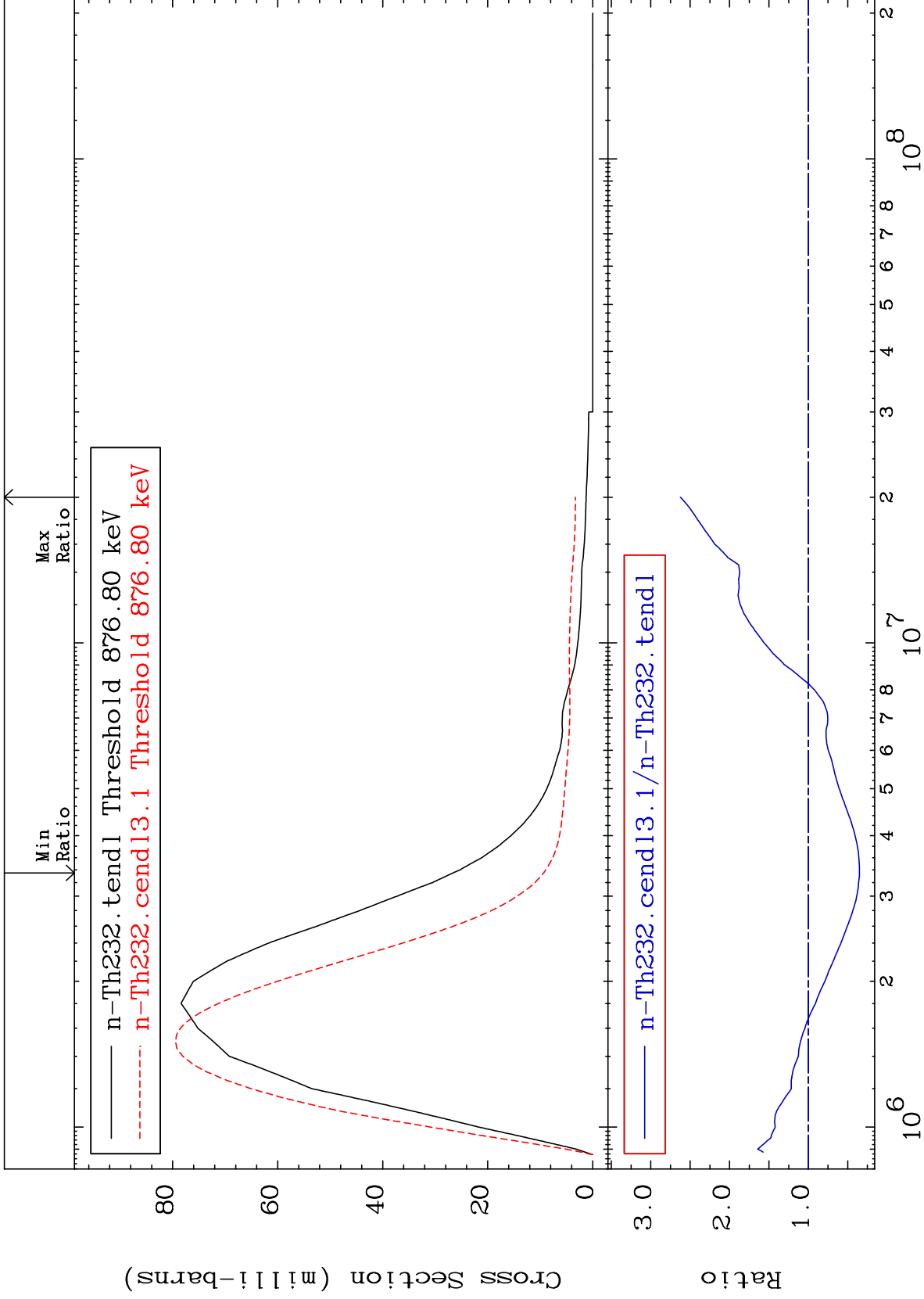
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232  
-64.84 To 162.4 %



18

Incident Energy (eV)

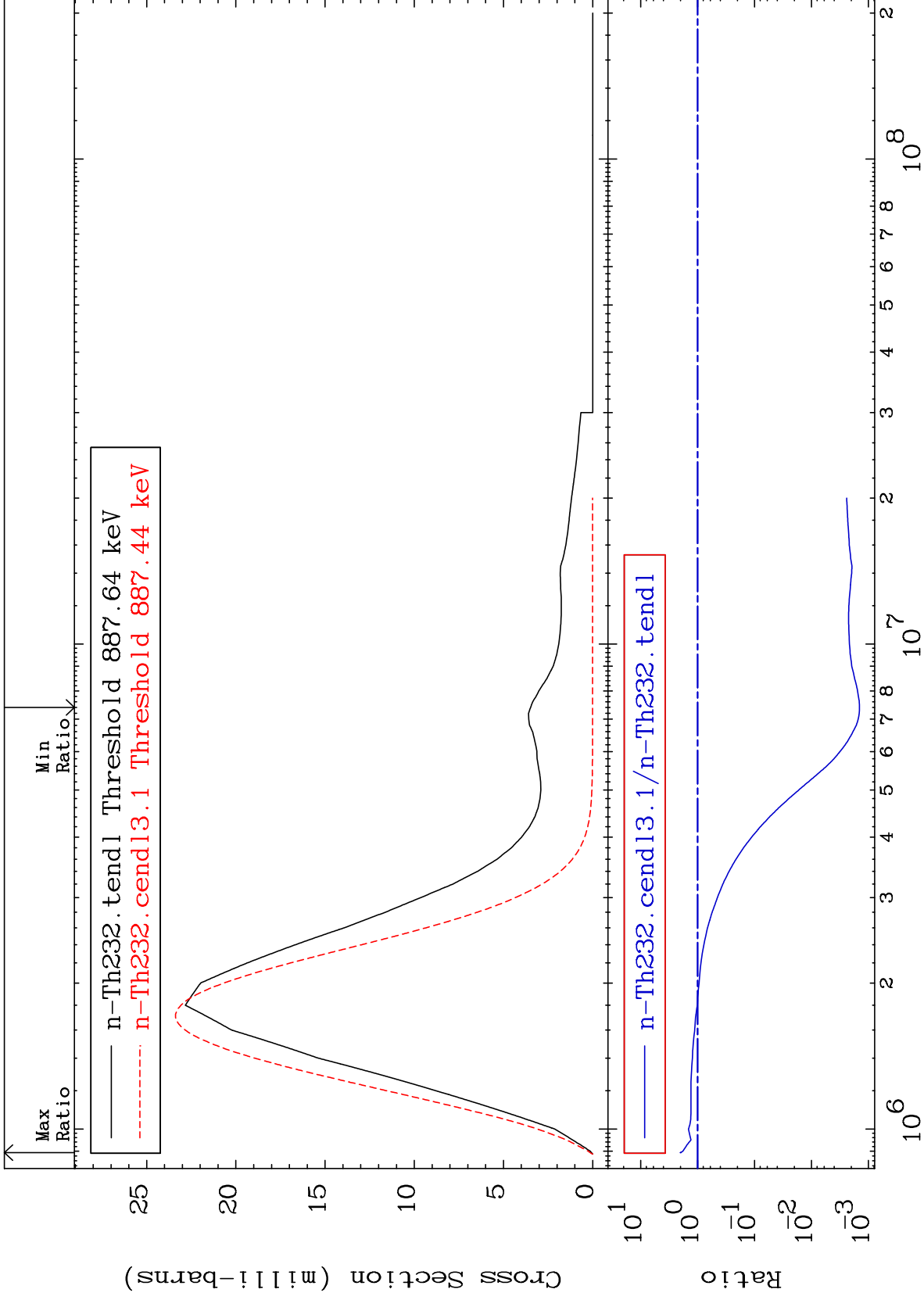
90-Th-232



MAT 9040

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

90-Th-232  
-99.86 To 101.3 %



19

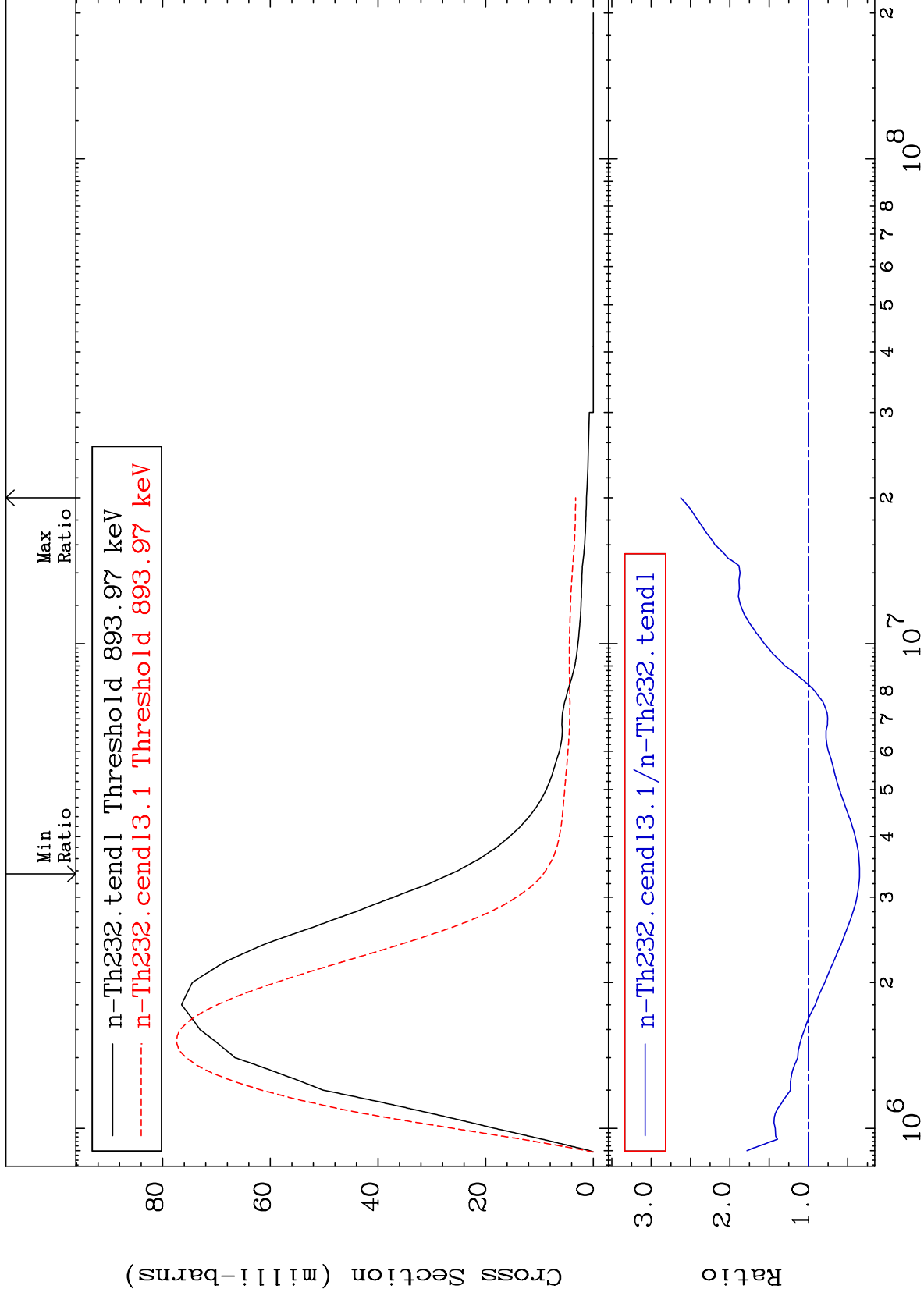
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232  
-64.99 To 162.4 %



20

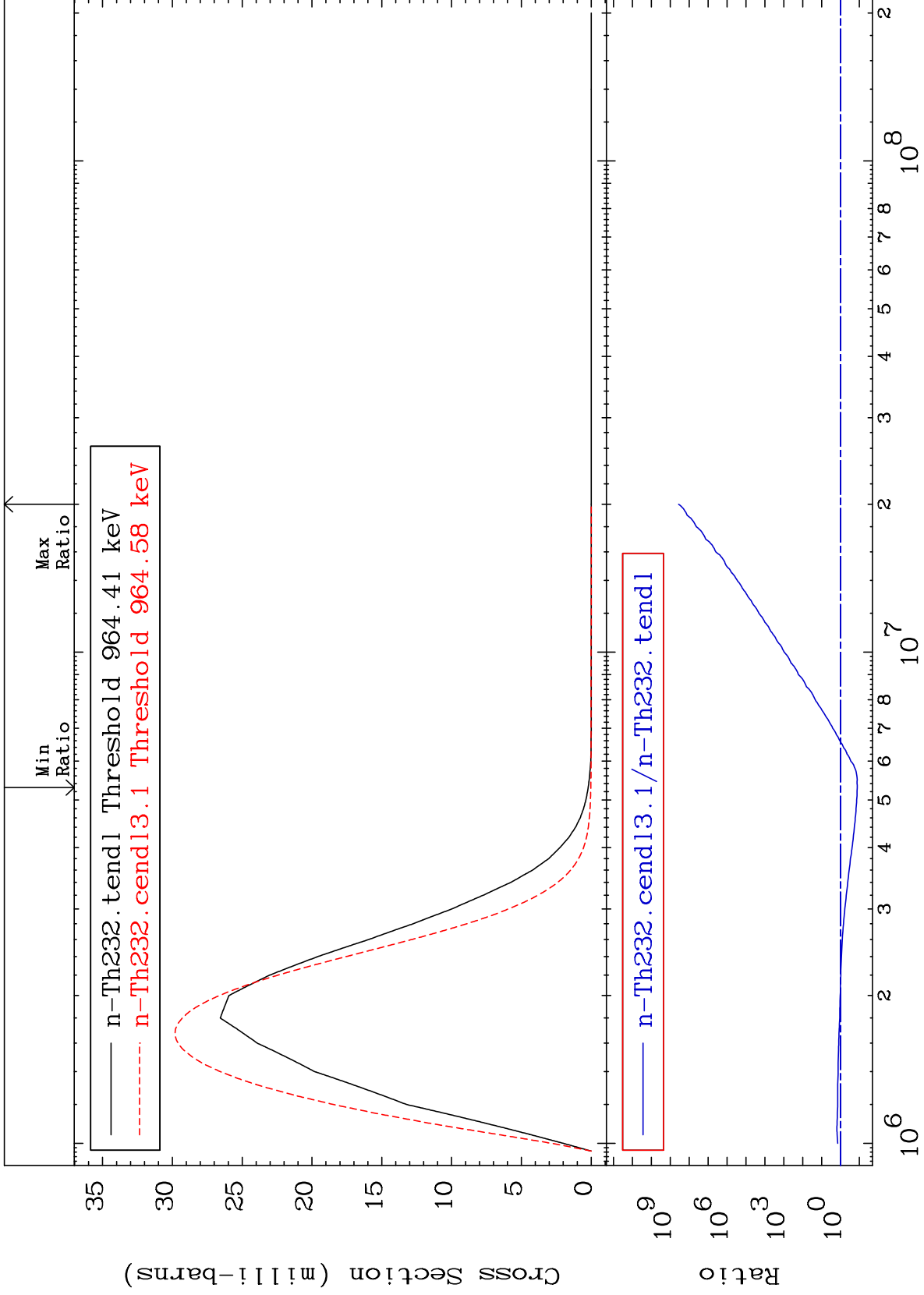
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232  
-86.98 To 9999. %



21

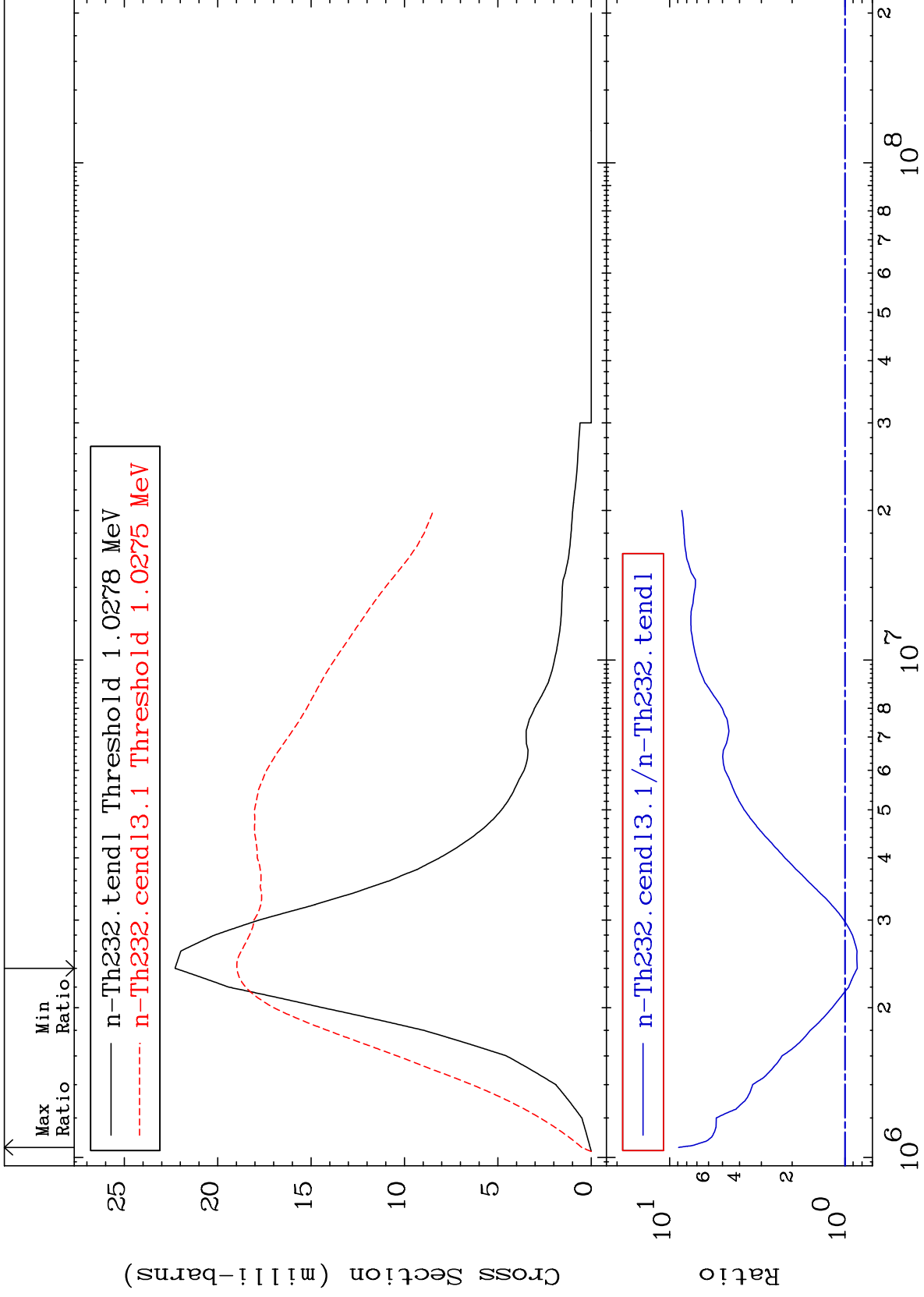
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232  
-14.88 To 789.2 %



22

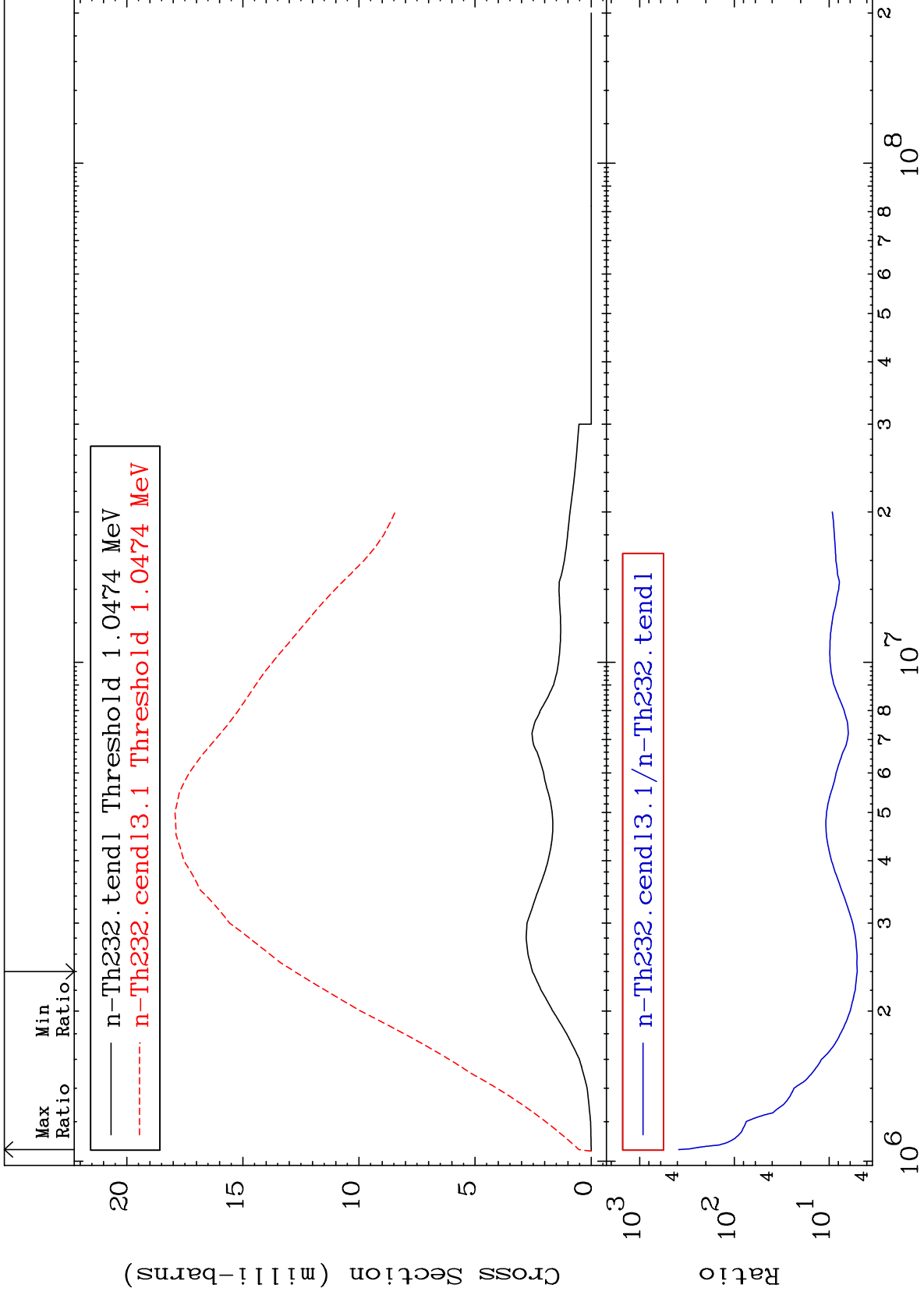
Incident Energy (eV)

90-Th-232

MAT 9040

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

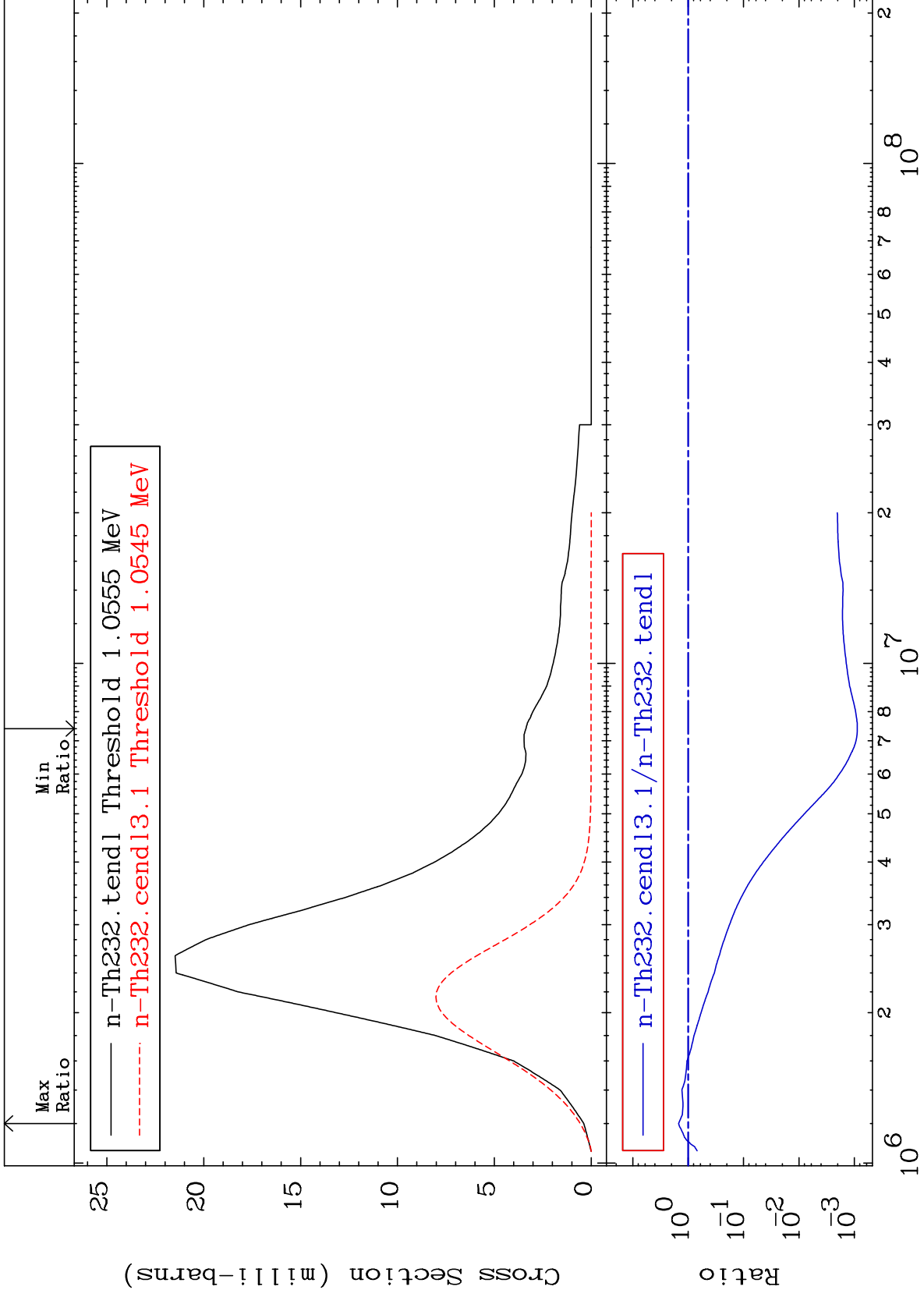
90-Th-232  
404.8 To 9999. %



MAT 9040

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

90-Th-232  
-99.91 To 48.66 %



24

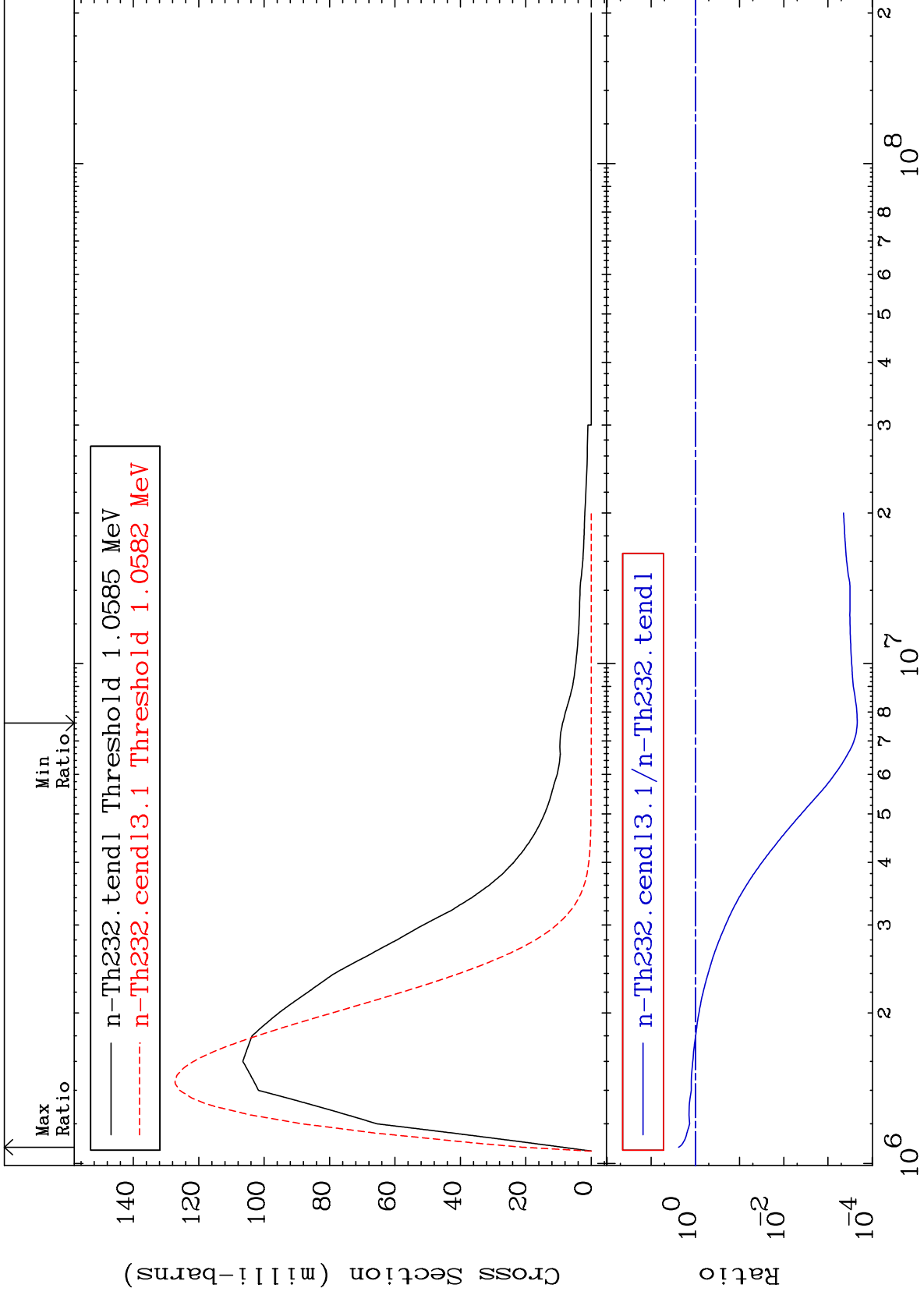
Incident Energy (eV)

90-Th-232

MAT 9040

MT= 69 (n,n') Level  
Cross Section

90-Th-232  
-99.98 To 138.9 %



25

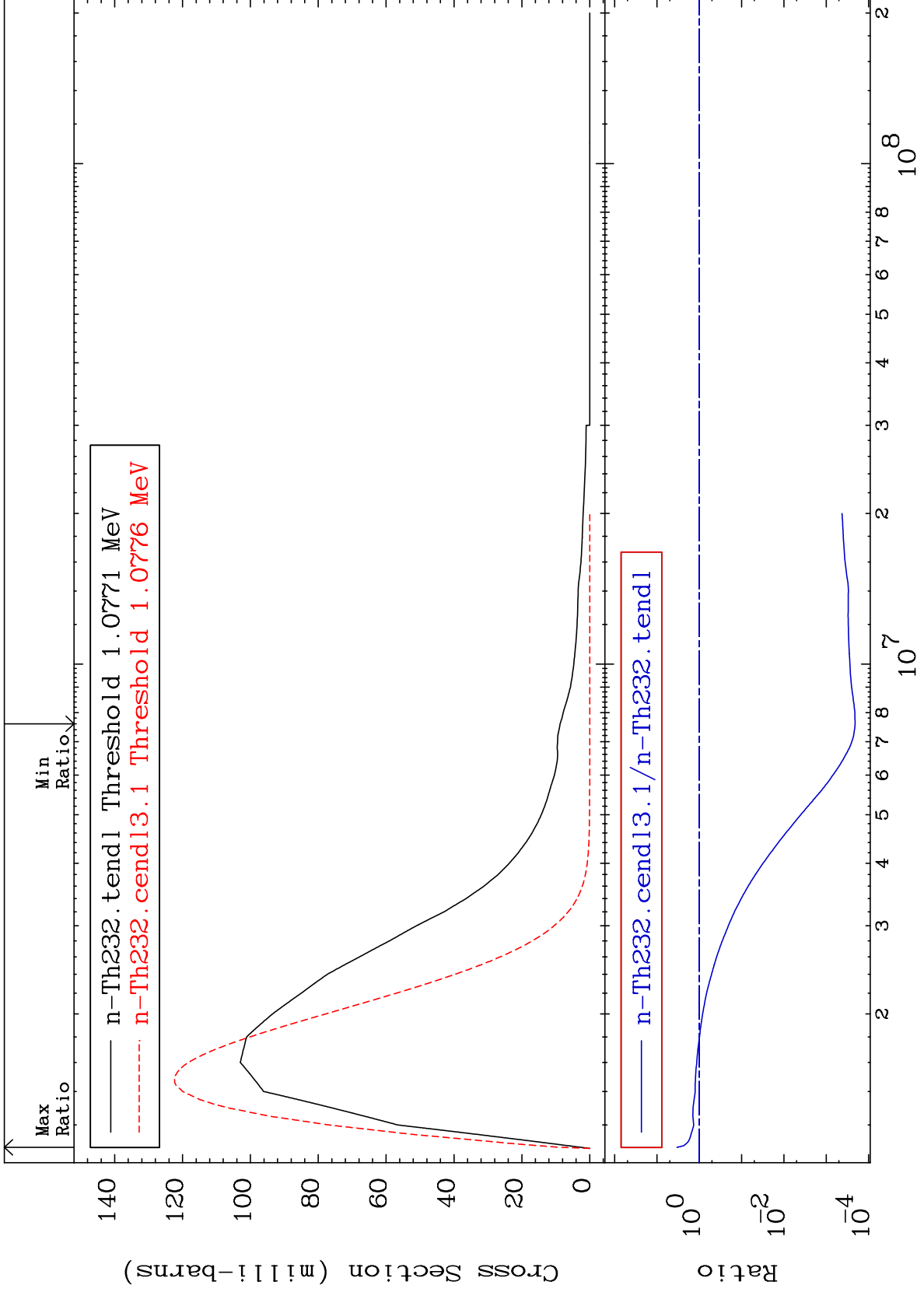
Incident Energy (eV)

90-Th-232

MAT 9040

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

90-Th-232  
-99.98 To 238.1 %

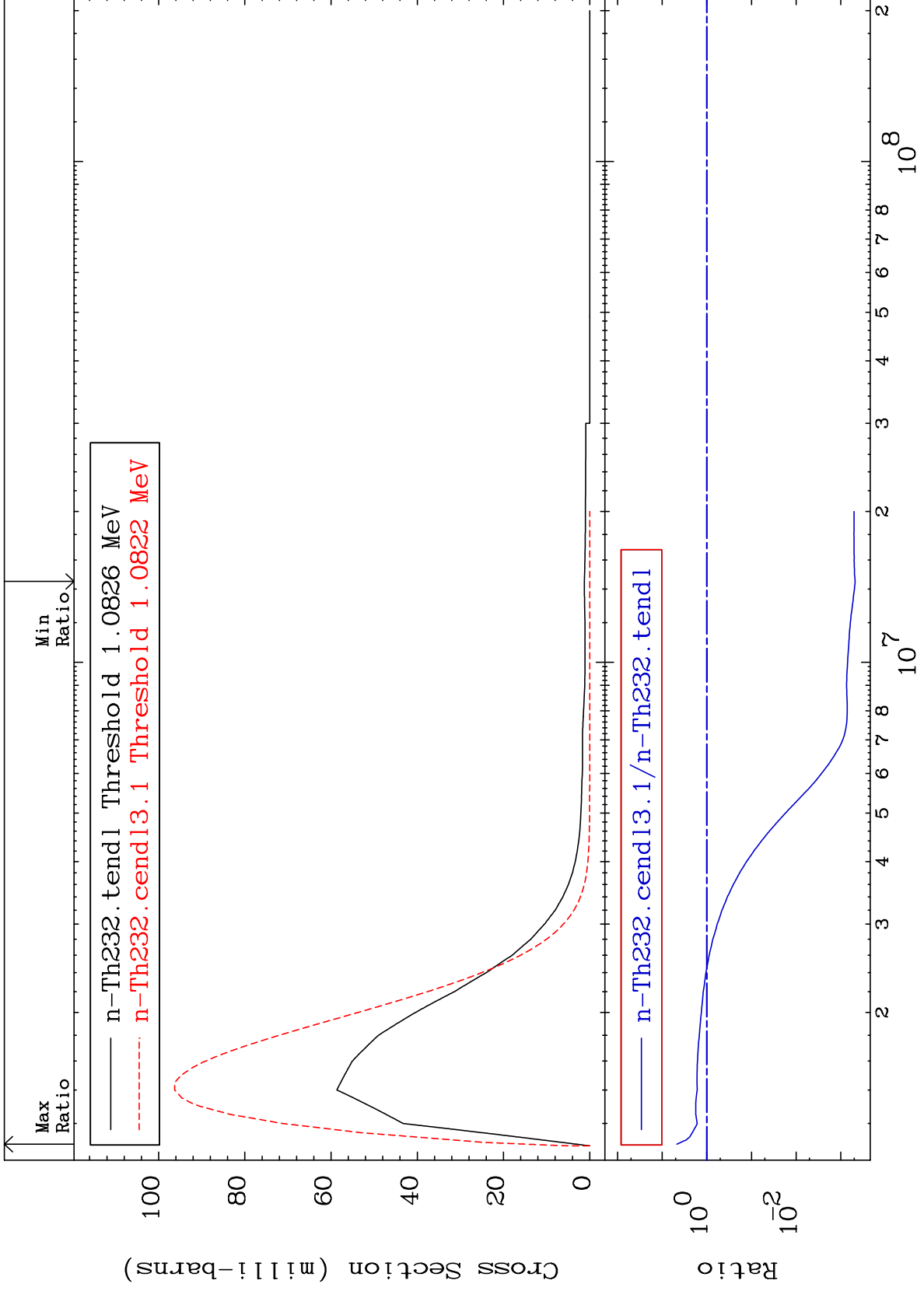




MAT 9040

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

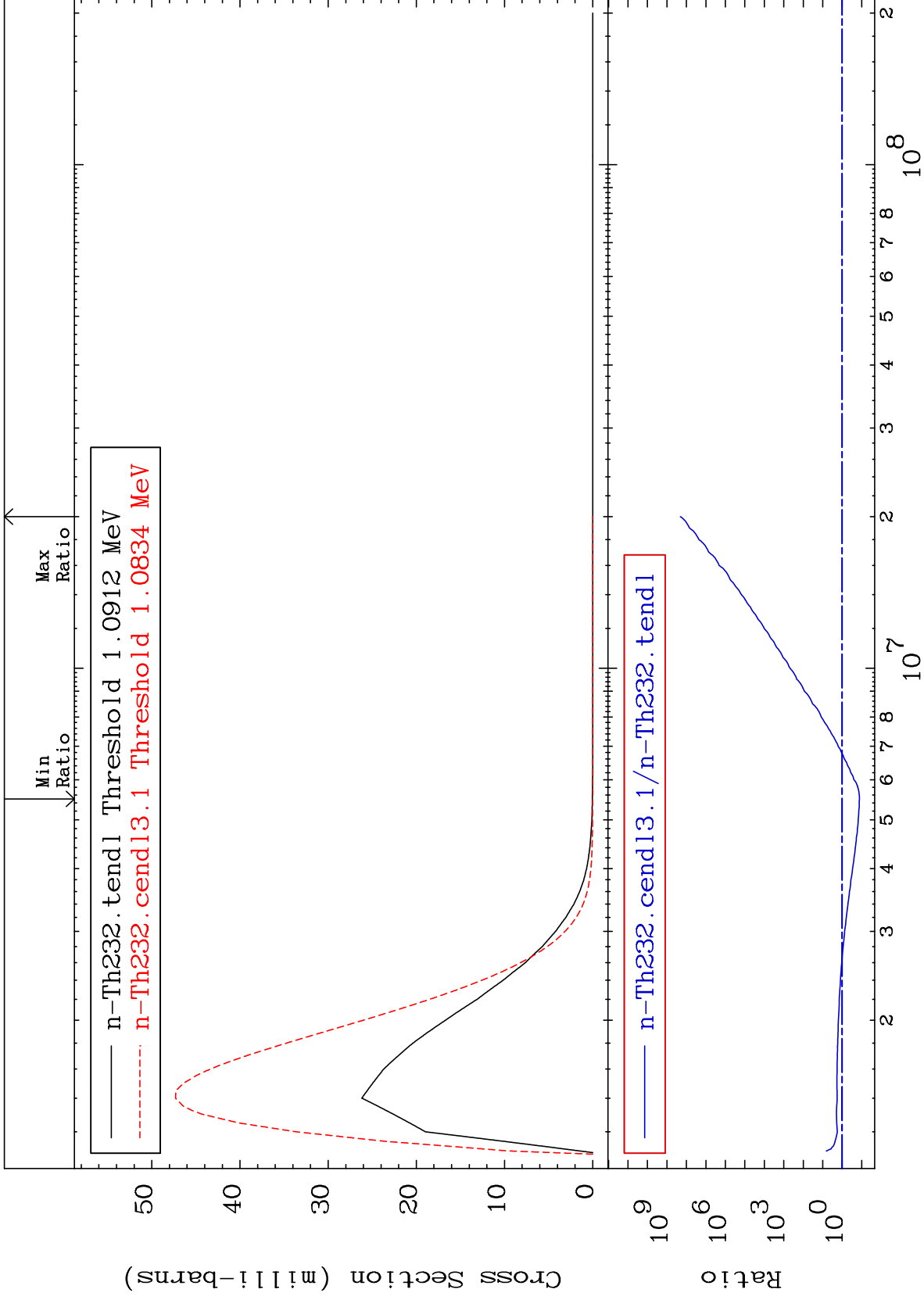
90-Th-232  
-99.95 To 367.2 %



MAT 9040

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

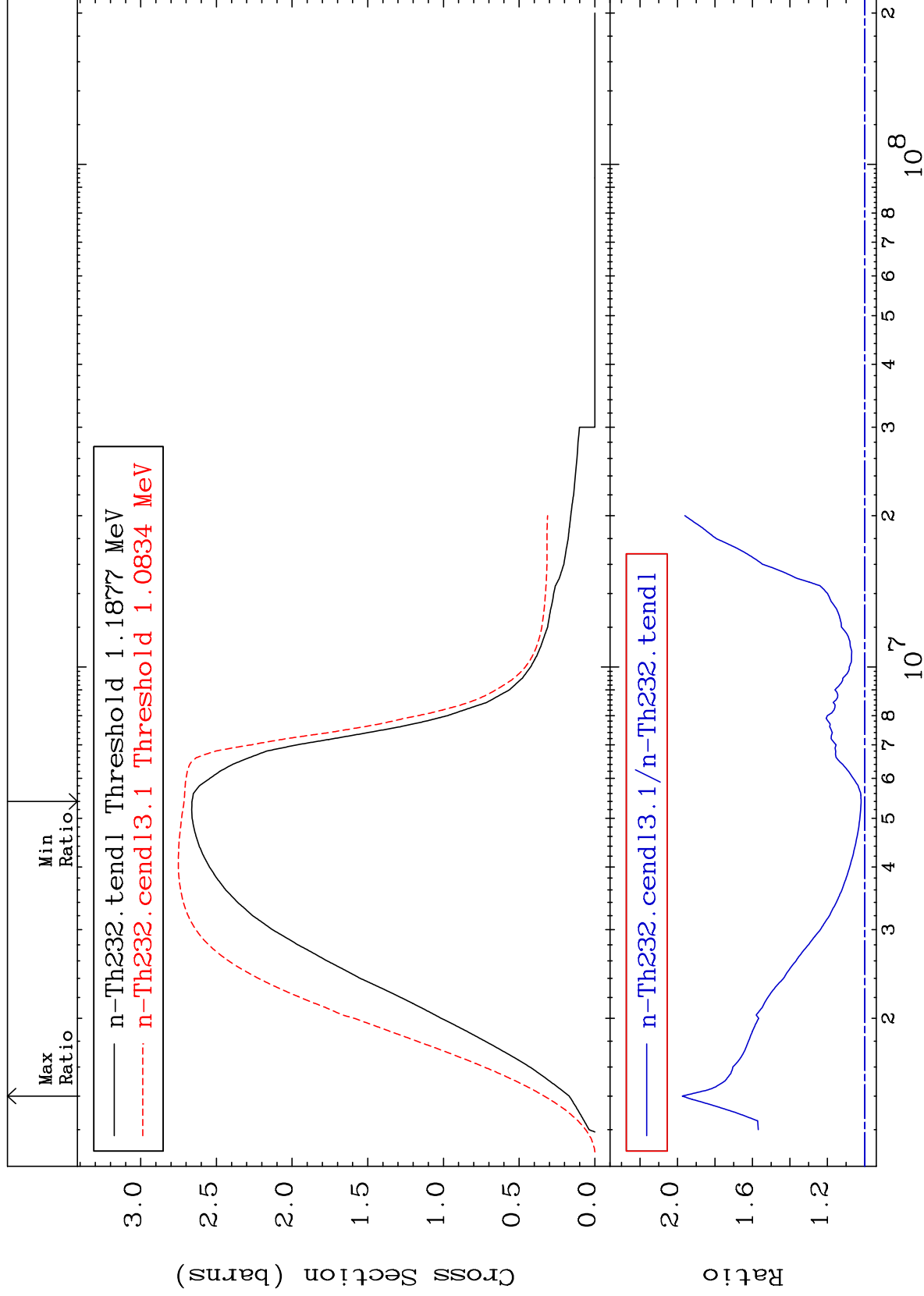
90-Th-232  
-86.95 To 9999. %



MAT 9040

(n, n') Continuum  
Cross Section

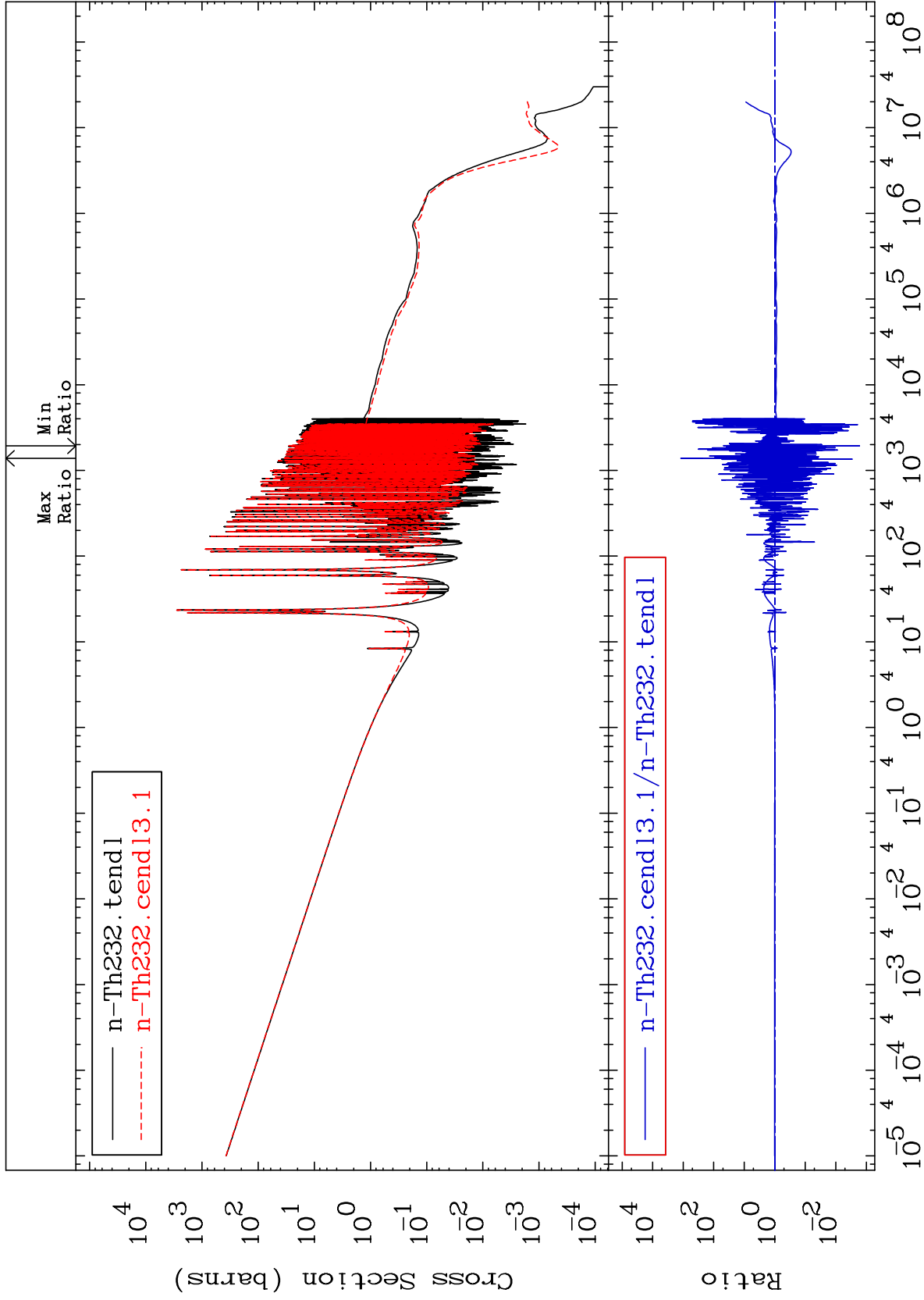
90-Th-232  
1.983 To 97.46 %



MAT 9040

(n,  $\gamma$ )  
Cross Section

90-Th-232  
-99.83 To 9999. %



30

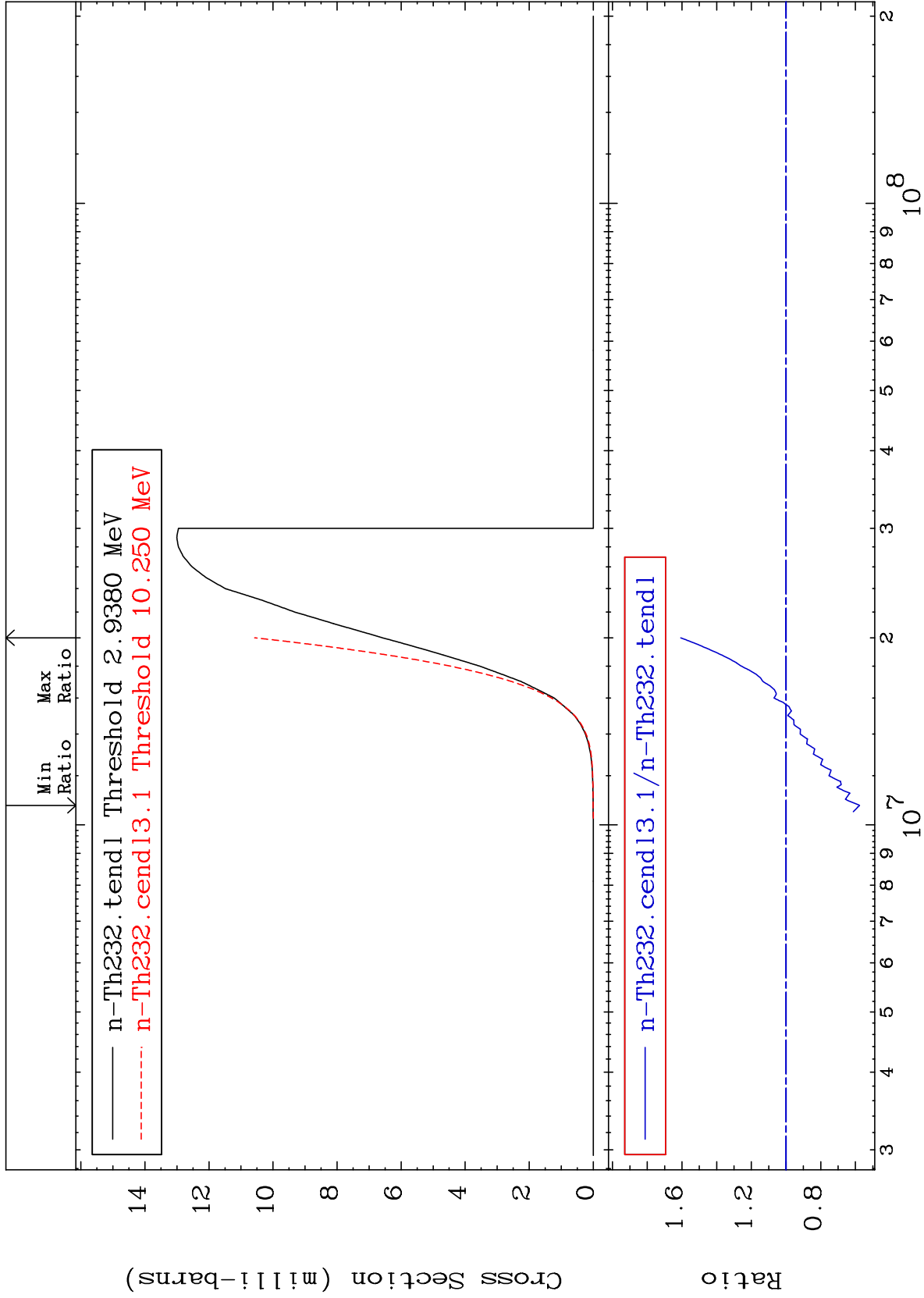
90-Th-232

MAT 9040

90-Th-232

-42.35 To 60.68 %

(n,p)  
Cross Section



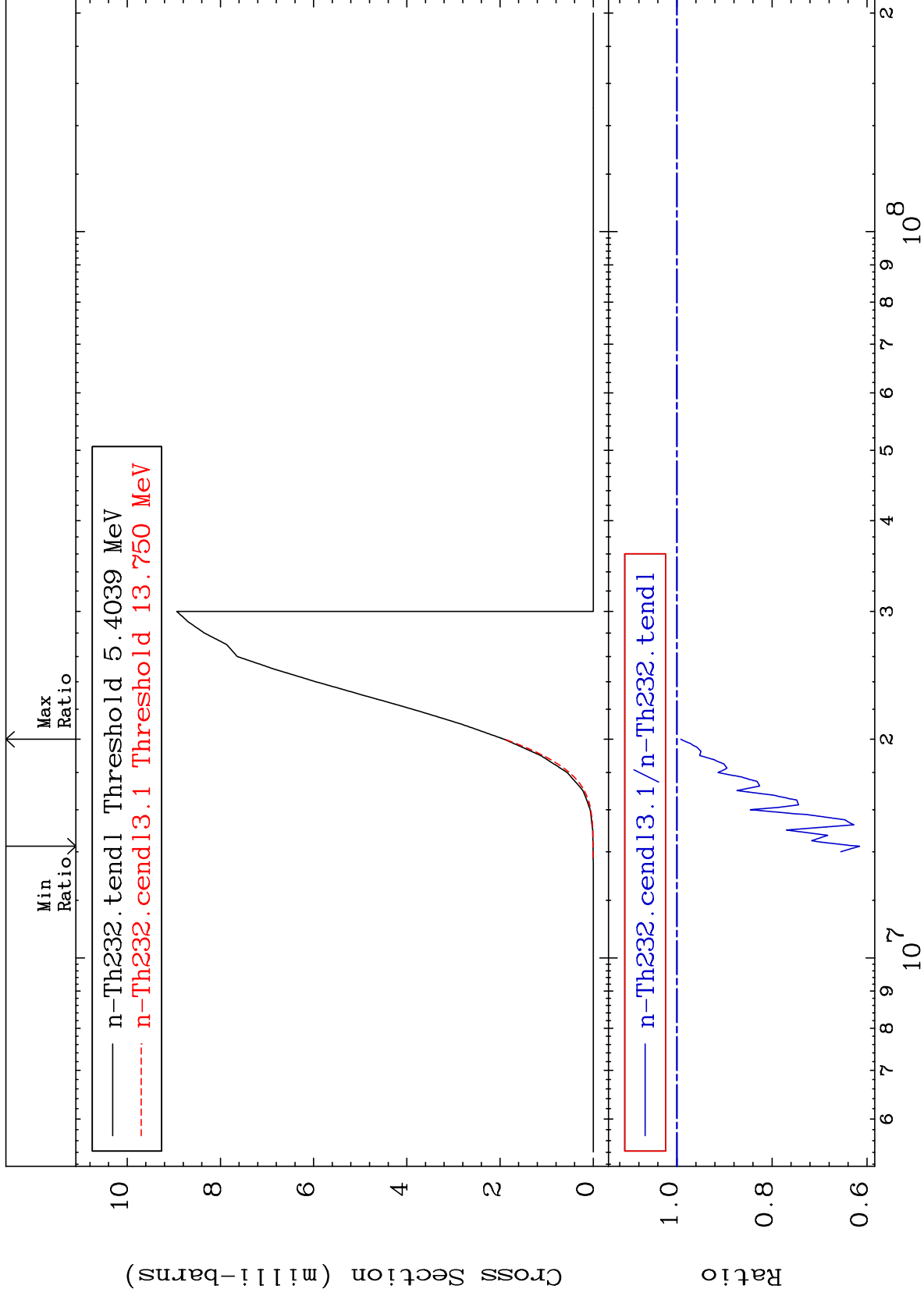
MAT 9040

(n, d)

90-Th-232

Cross Section

-38.41 To -0.817%



32

Incident Energy (eV)

90-Th-232

MAT 9040

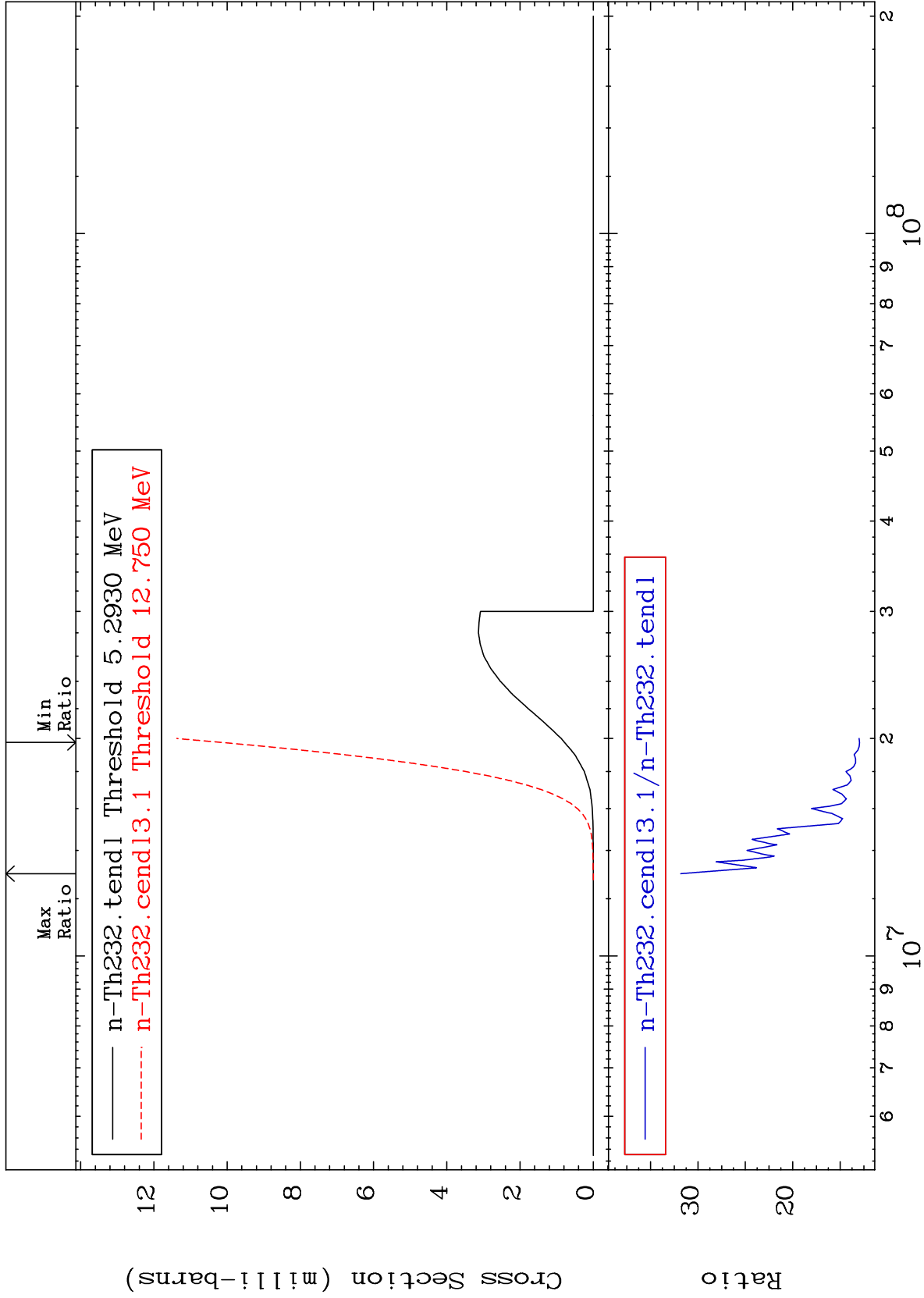
(n, t)

90-Th-232

Cross Section

1195.

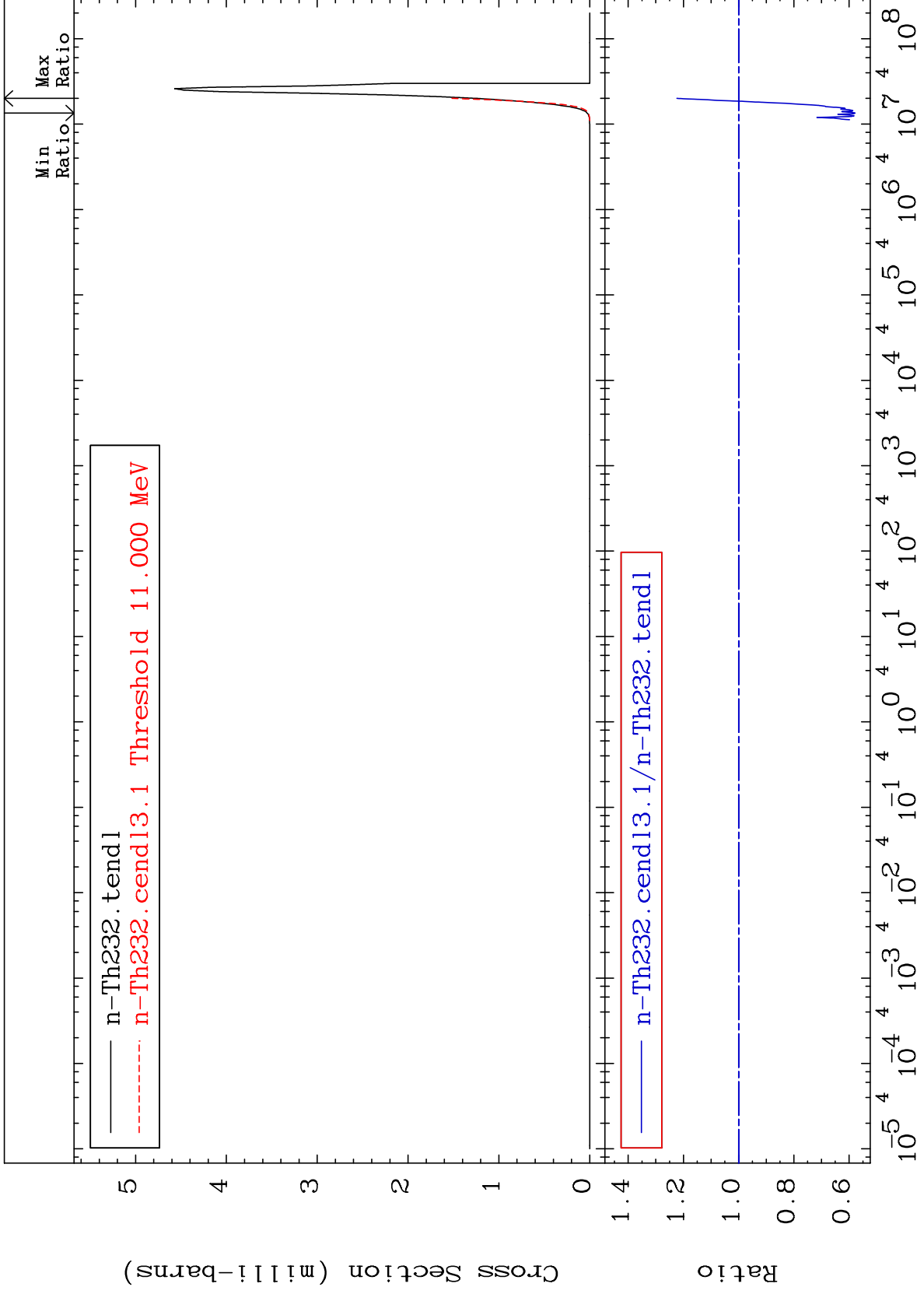
To 3081. %



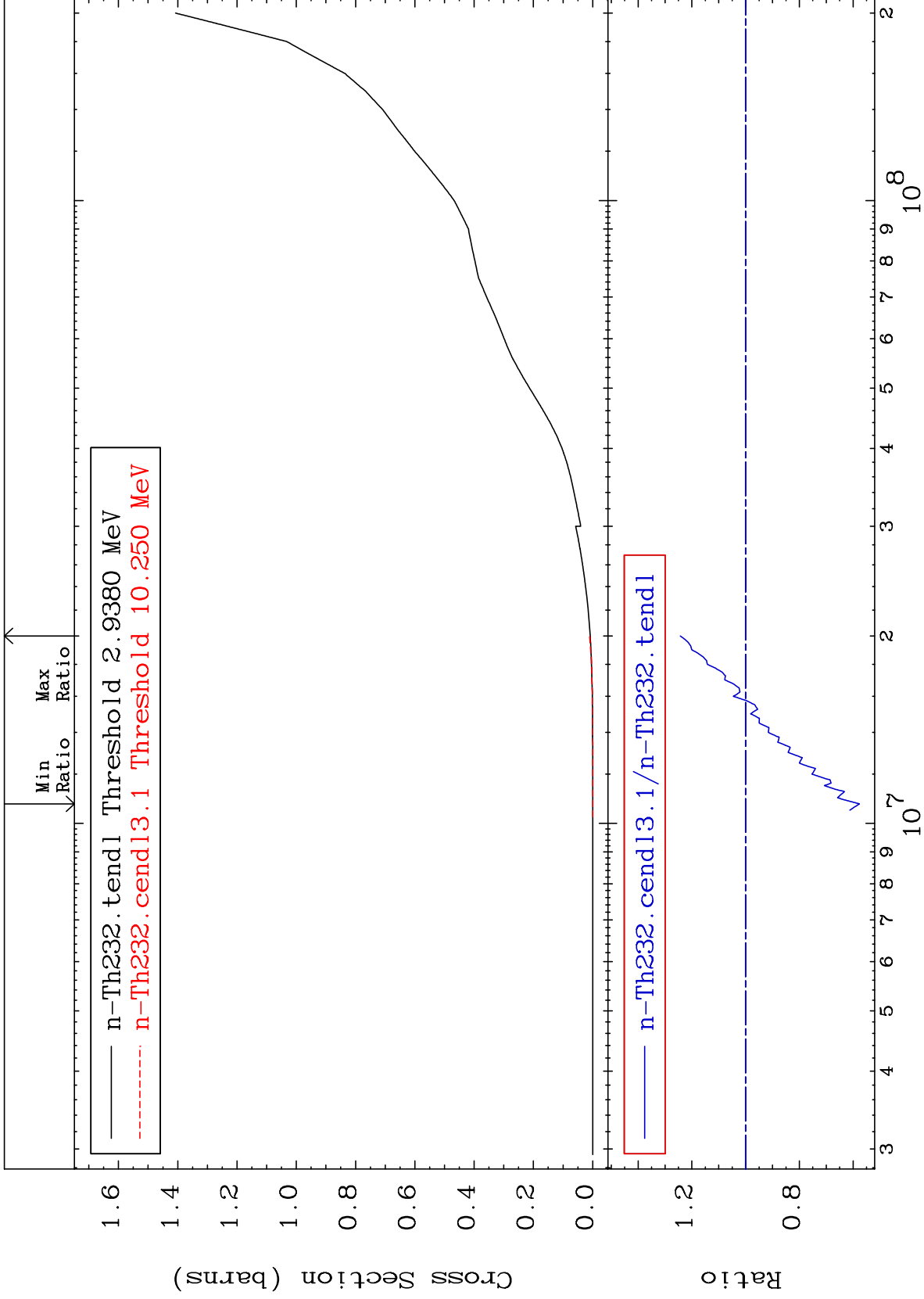
MAT 9040

(n,  $\alpha$ )  
Cross Section

90-Th-232  
-42.18 To 22.35 %



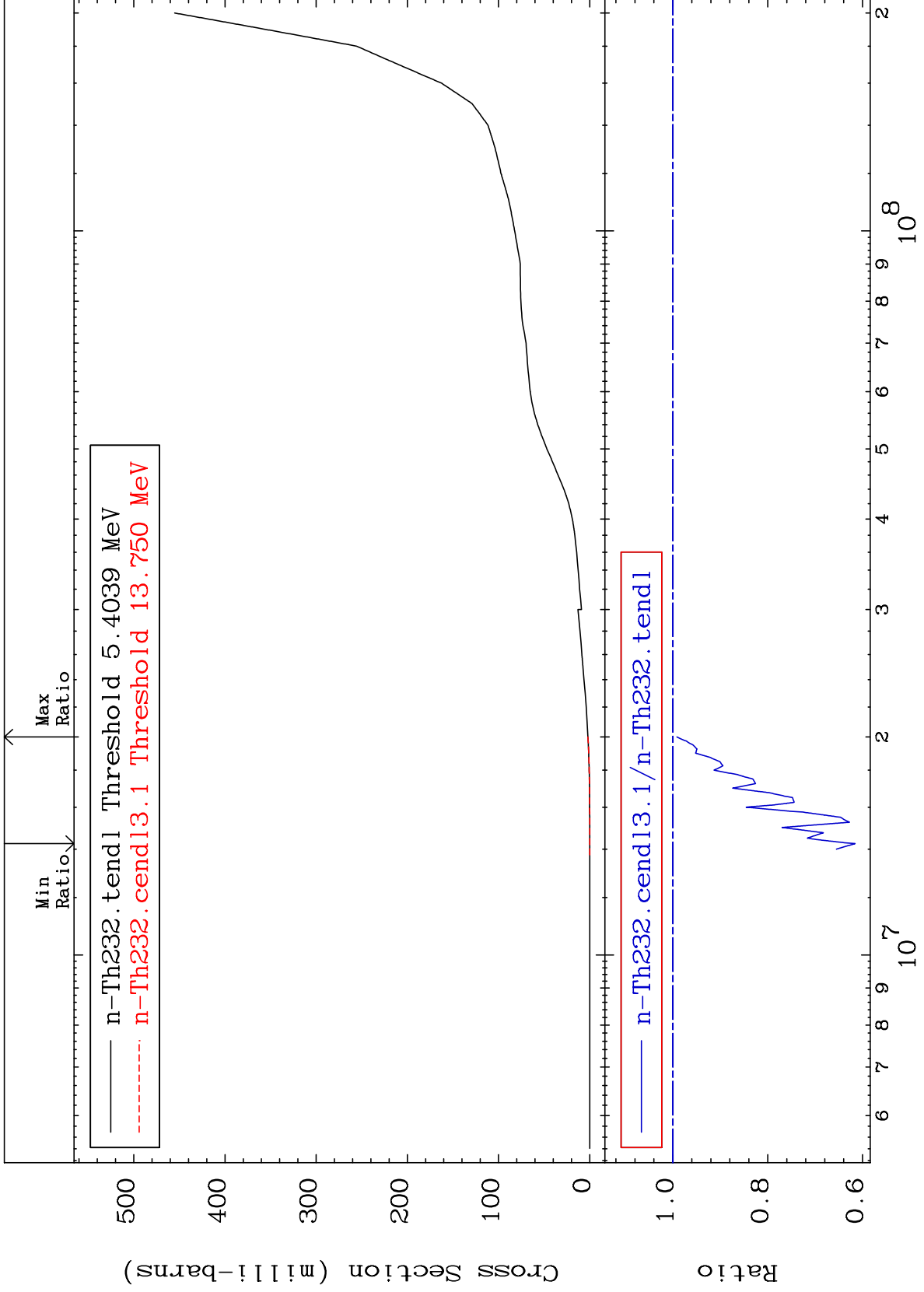




MAT 9040

Deuterium Production  
Cross Section

90-Th-232  
-38.41 To -0.860%



36

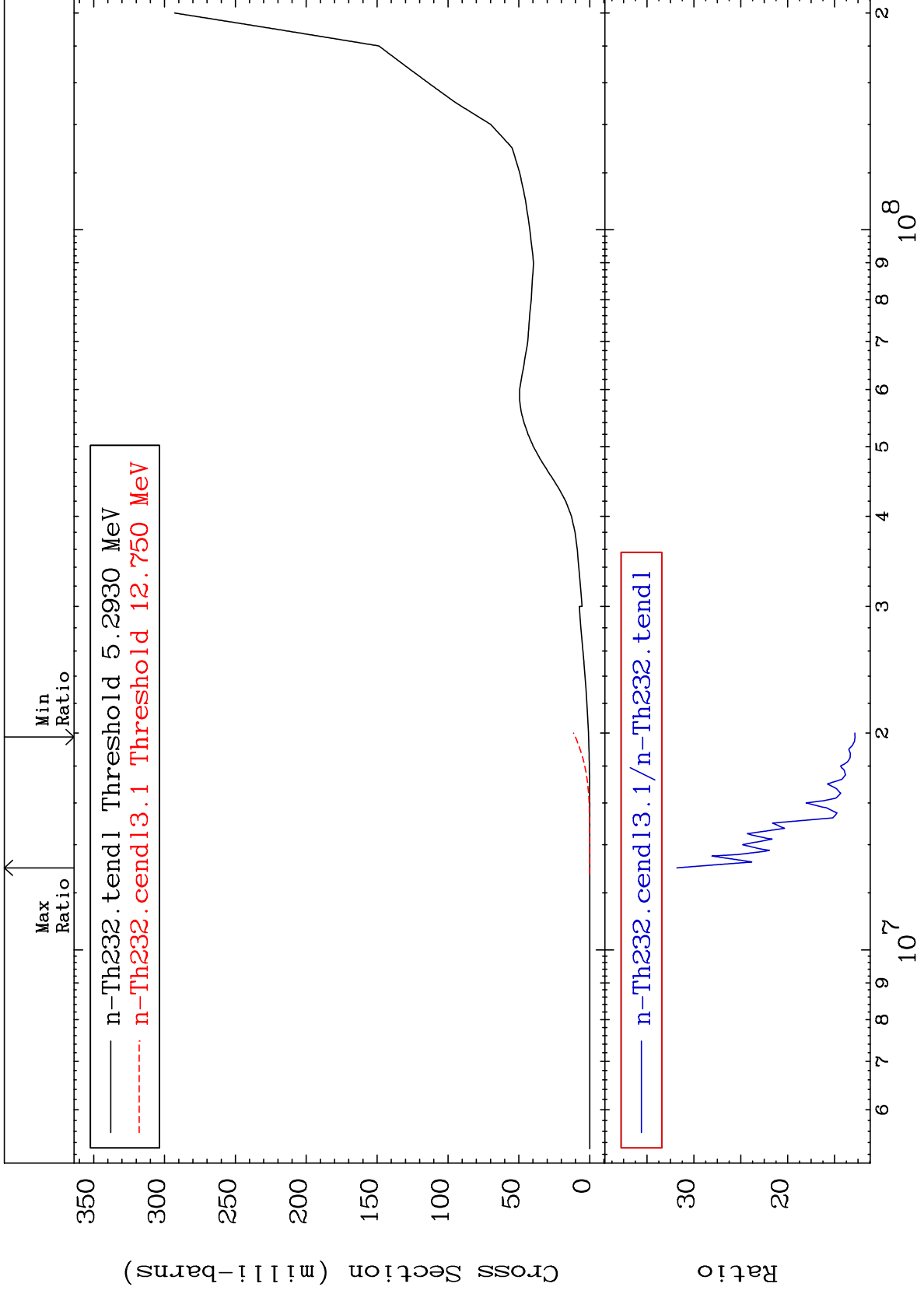
Incident Energy (eV)

90-Th-232

MAT 9040

Tritium Production  
Cross Section

90-Th-232  
1181. To 3081. %



37

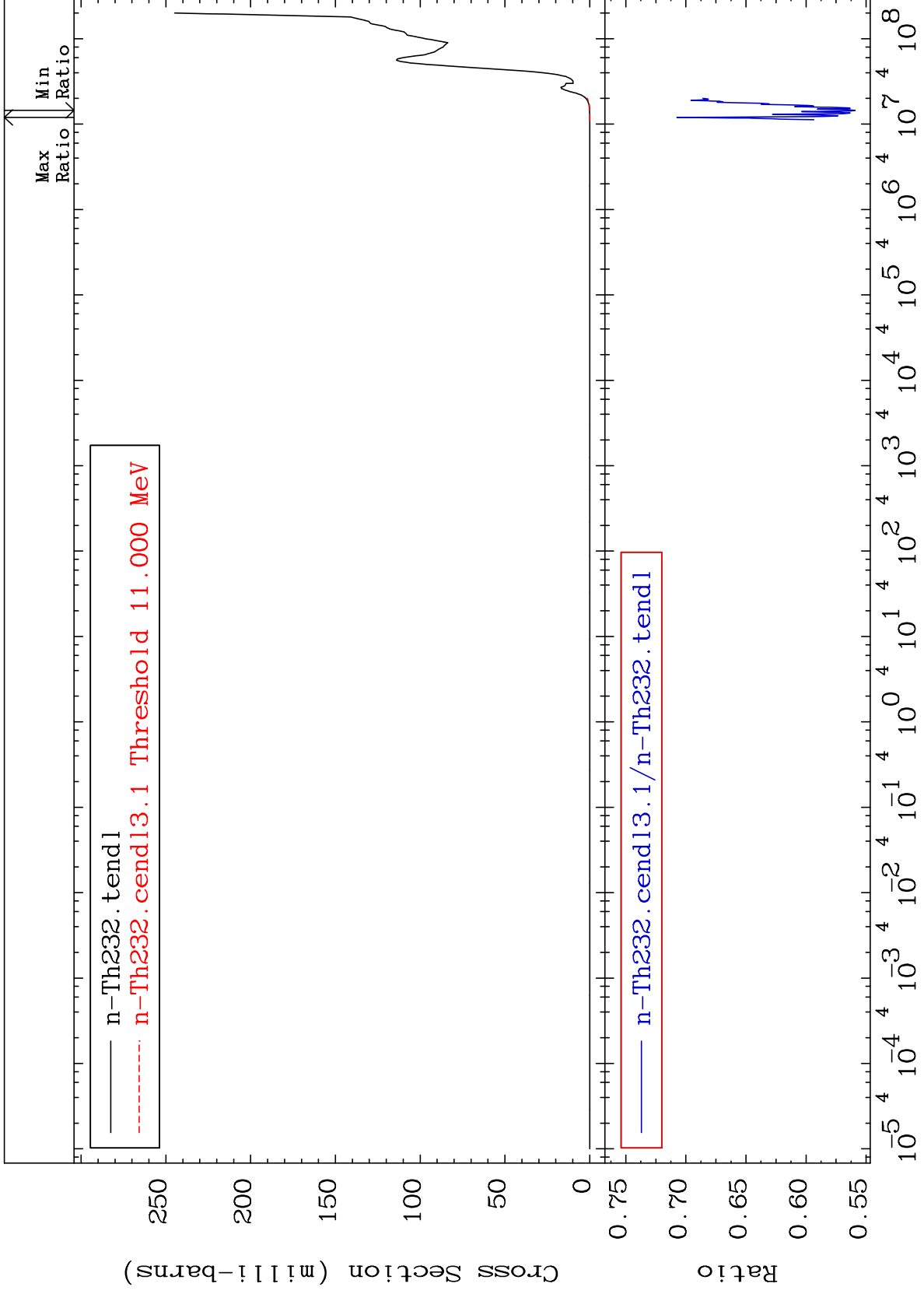
Incident Energy (eV)

90-Th-232

MAT 9040

He-4 Production  
Cross Section

90-Th-232  
-44.08 To -29.25%



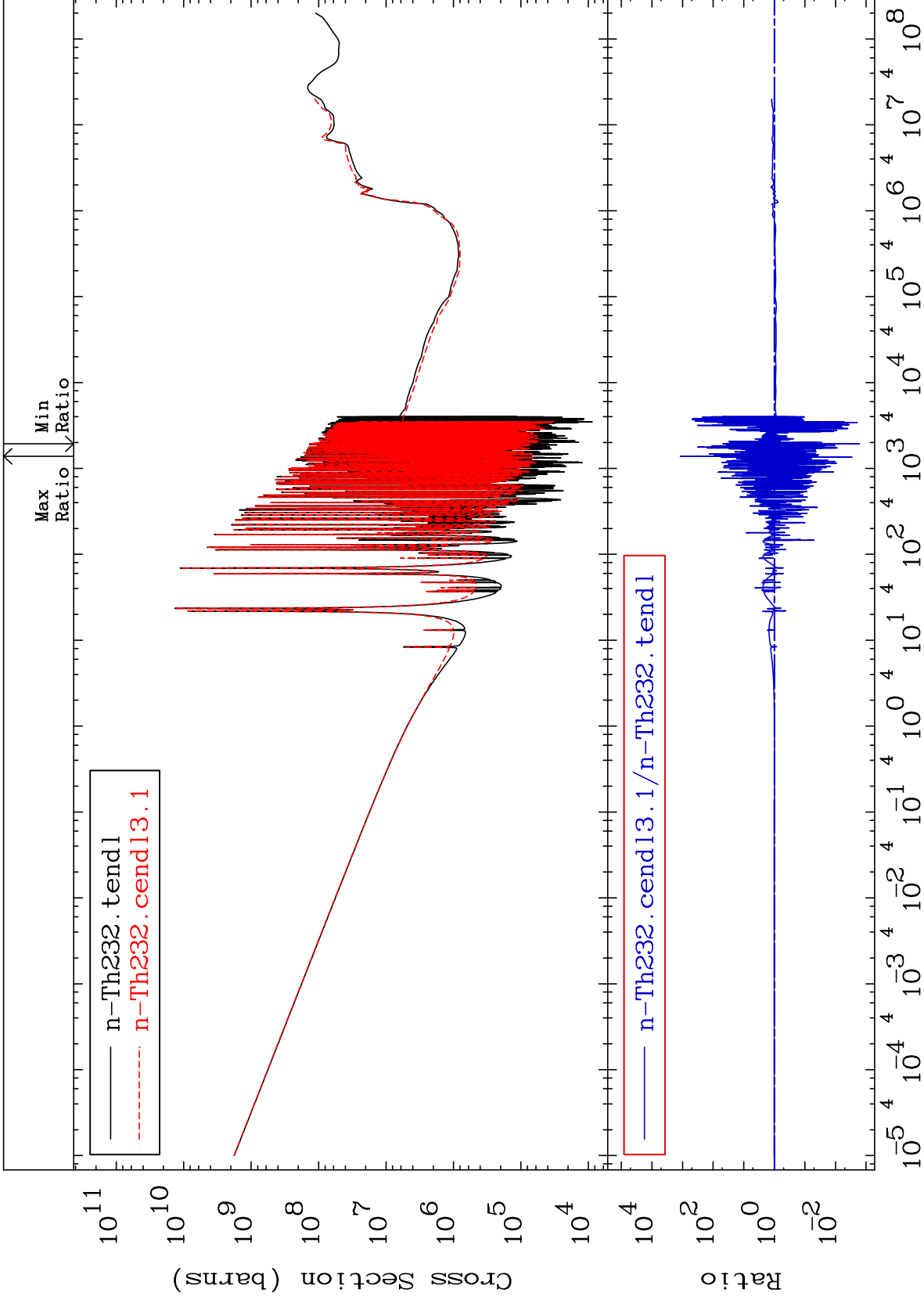
38

90-Th-232

90-Th-232

Cross Section

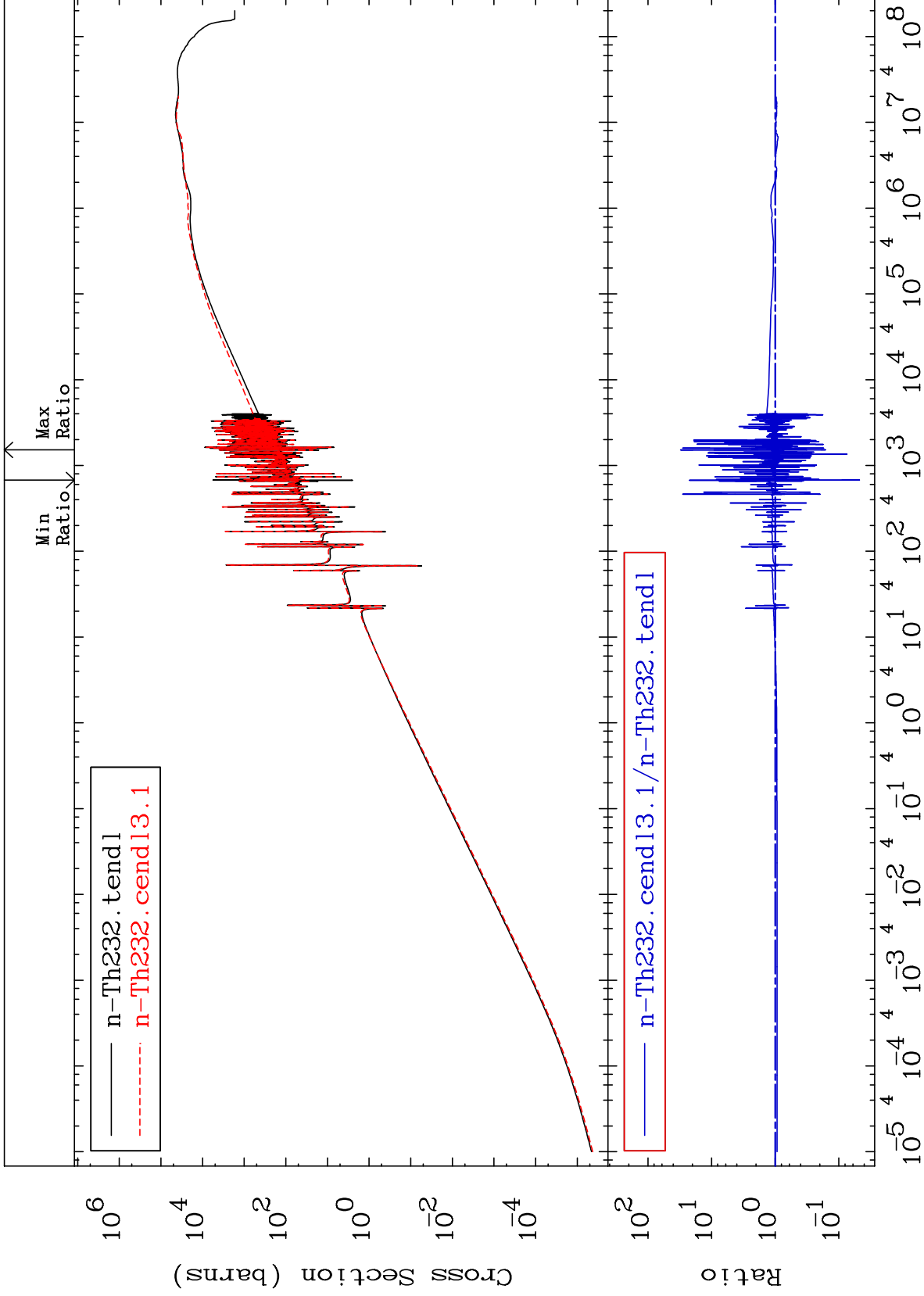
-99.83 To 9999. %



MAT 9040

Kerma elastic  
Cross Section

90-Th-232  
-95.24 To 2992. %



40

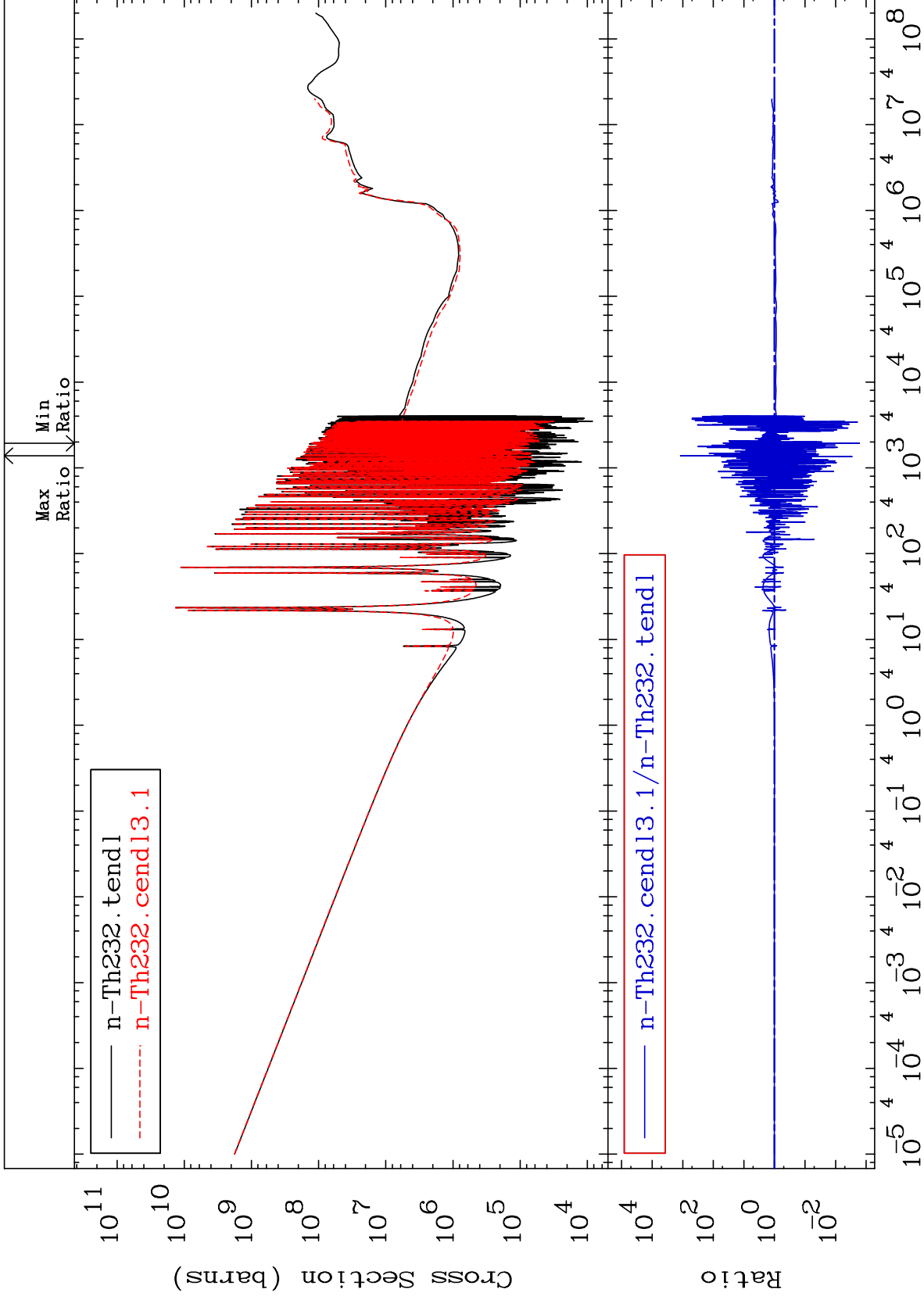
Incident Energy (eV)

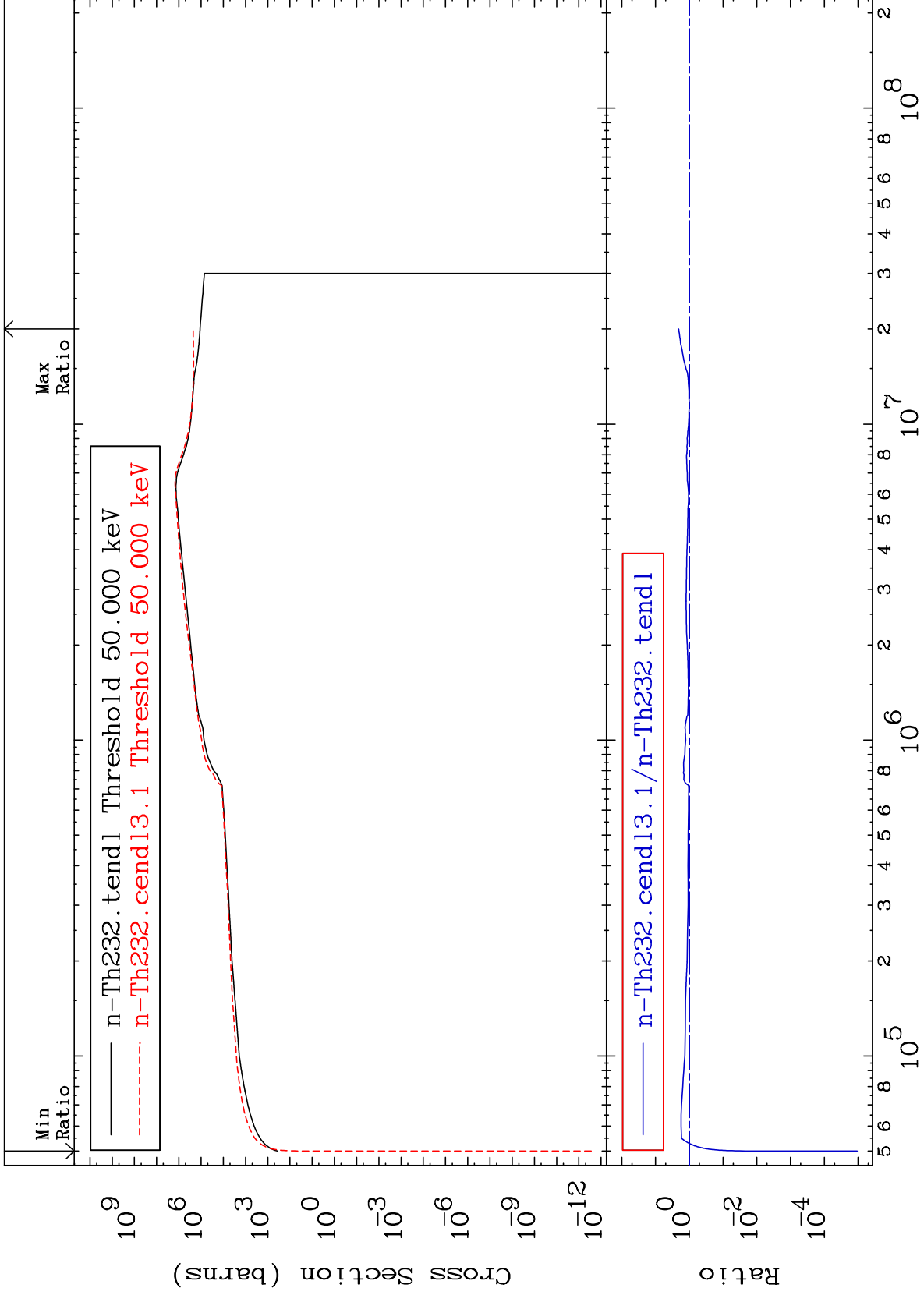
90-Th-232

MAT 9040

Kerma non-elastic (all but mt2)  
Cross Section

90-Th-232  
-99.83 To 9999. %







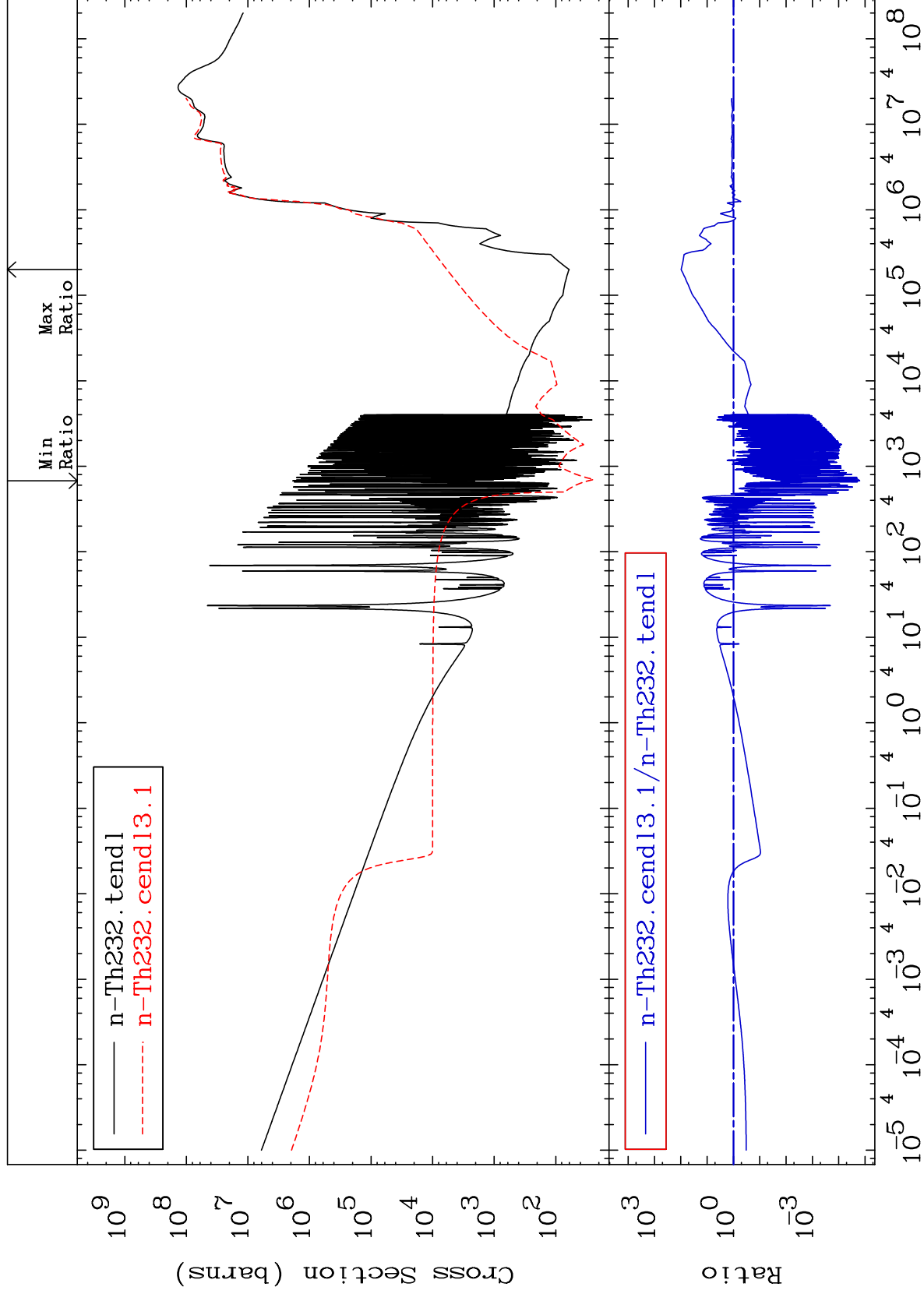
MAT 9040

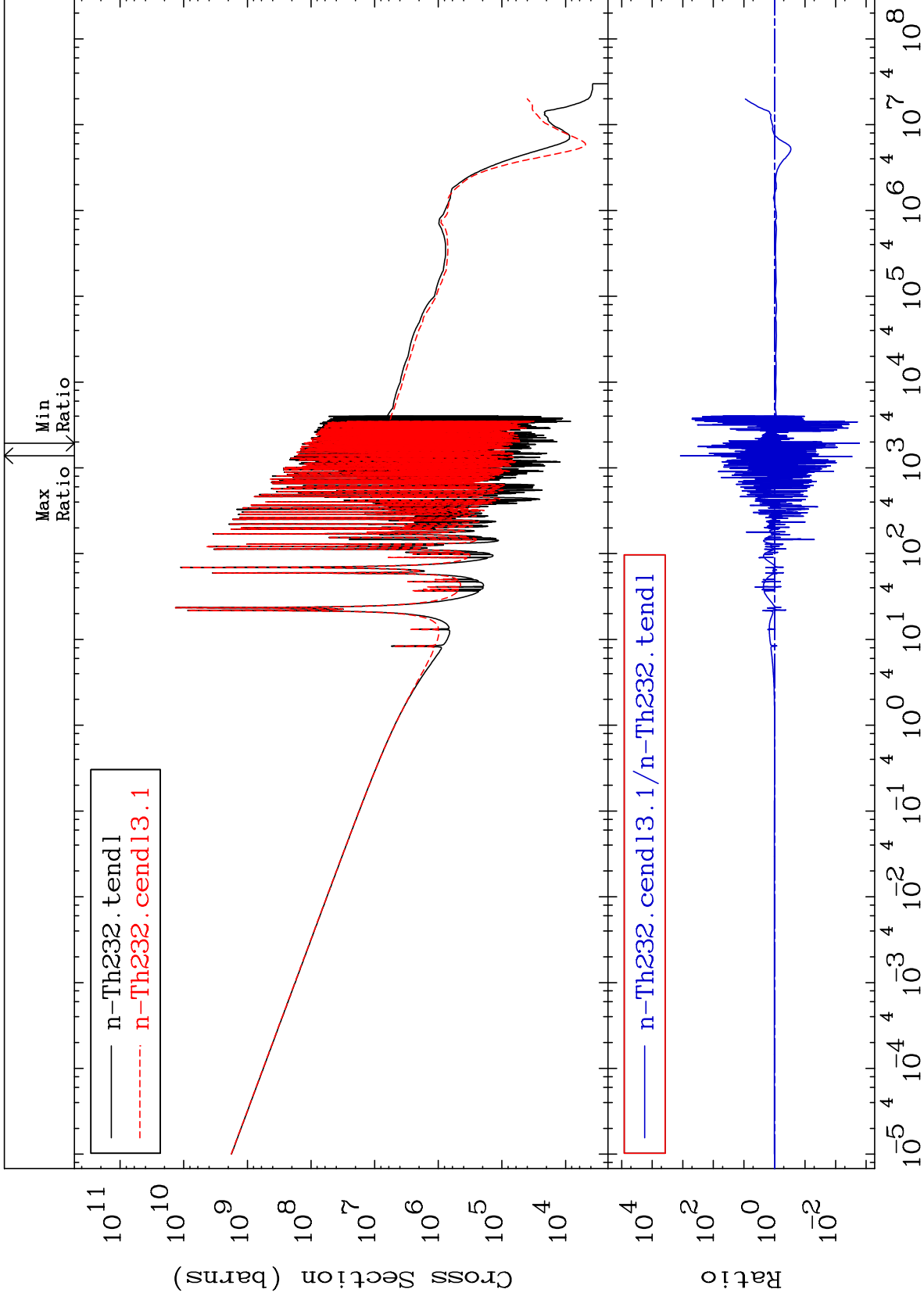
Kerma fission (mt18 or mt19-20-21-38)

90-Th-232

Cross Section

-100.0 To 9548. %

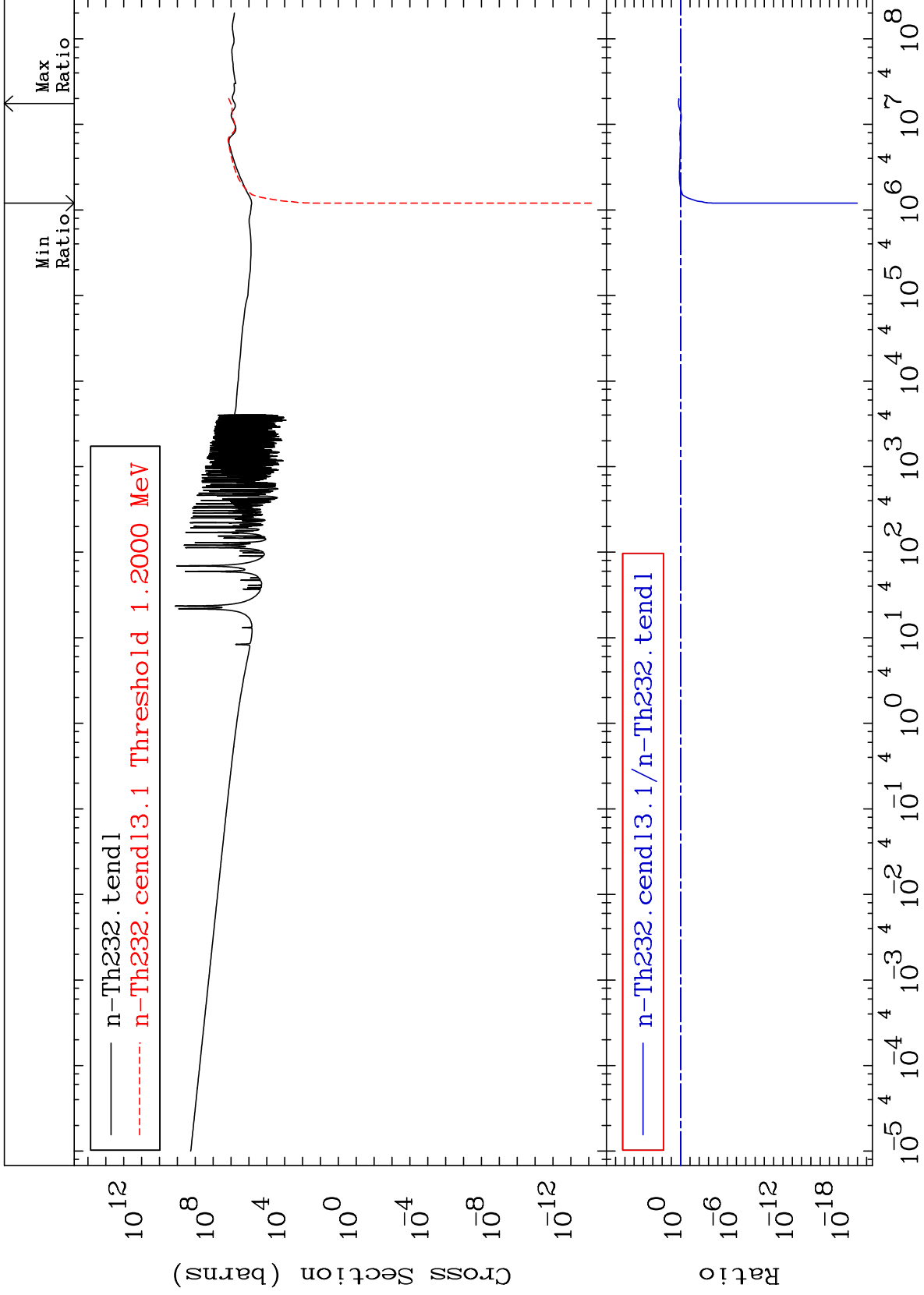


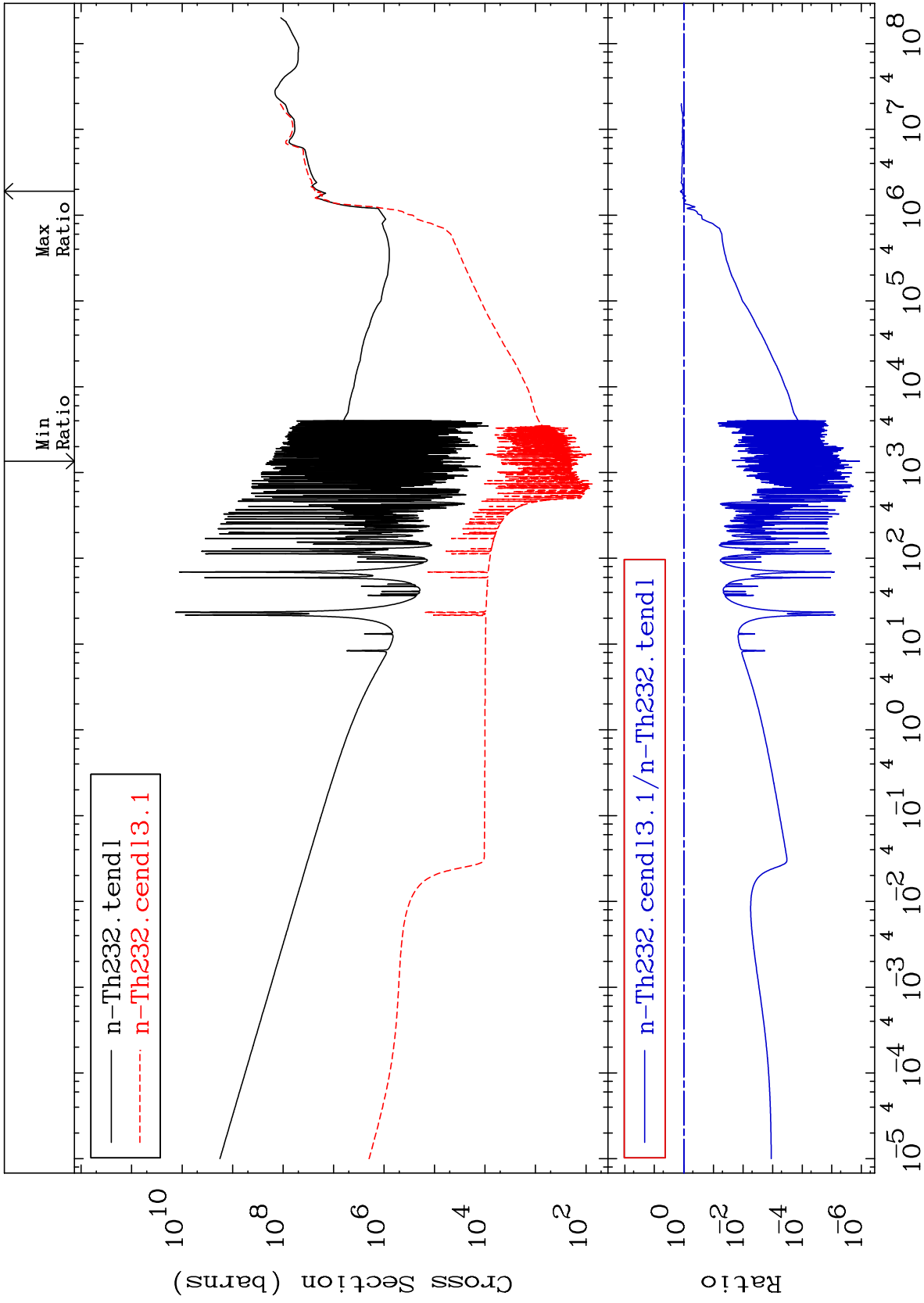


MAT 9040

Total photon (eV-barns)  
Cross Section

90-Th-232  
-100.0 To 65.71 %

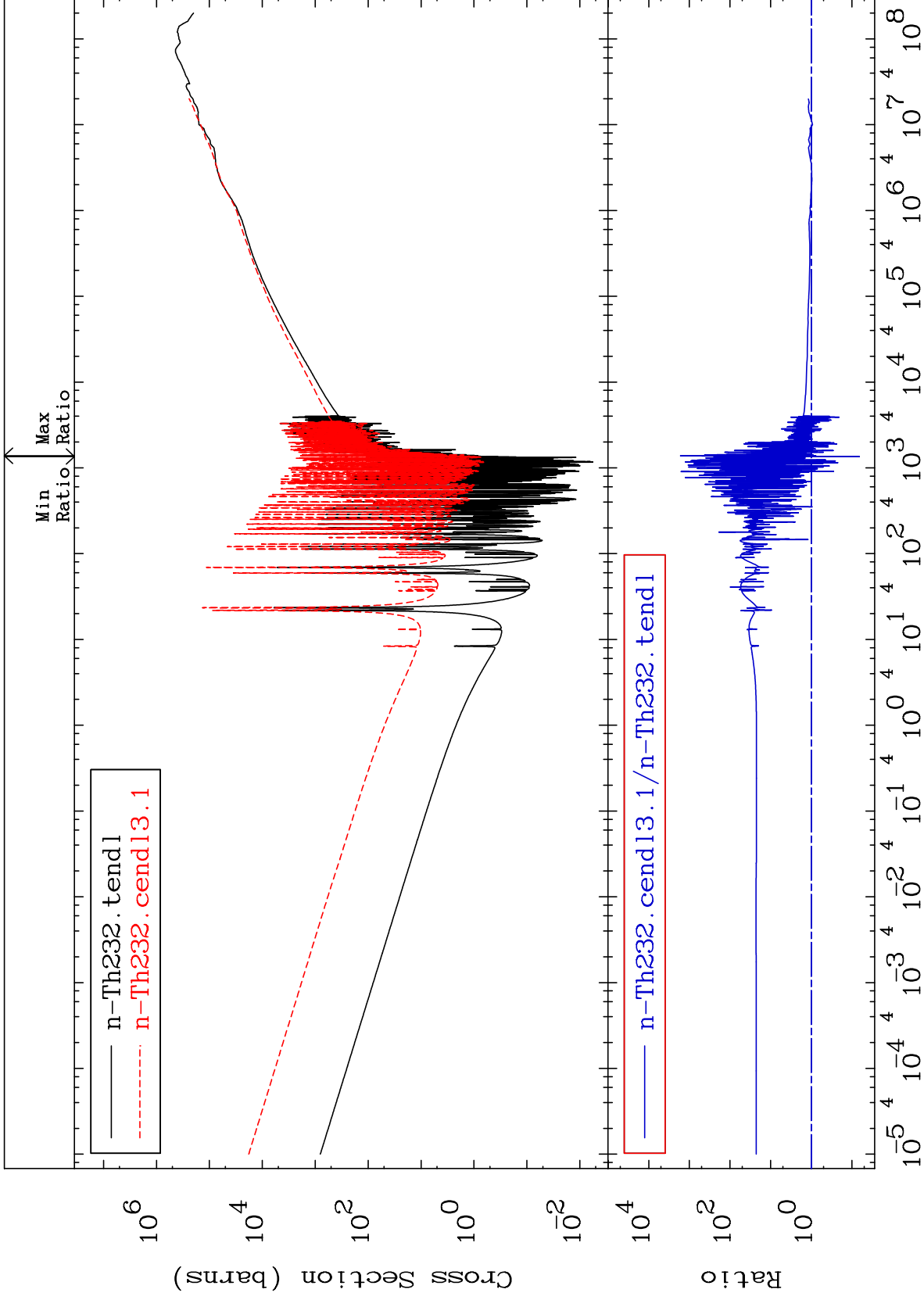




MAT 9040

Dpa total (eV-barns)  
Cross Section

90-Th-232  
-93.47 To 9999. %



47

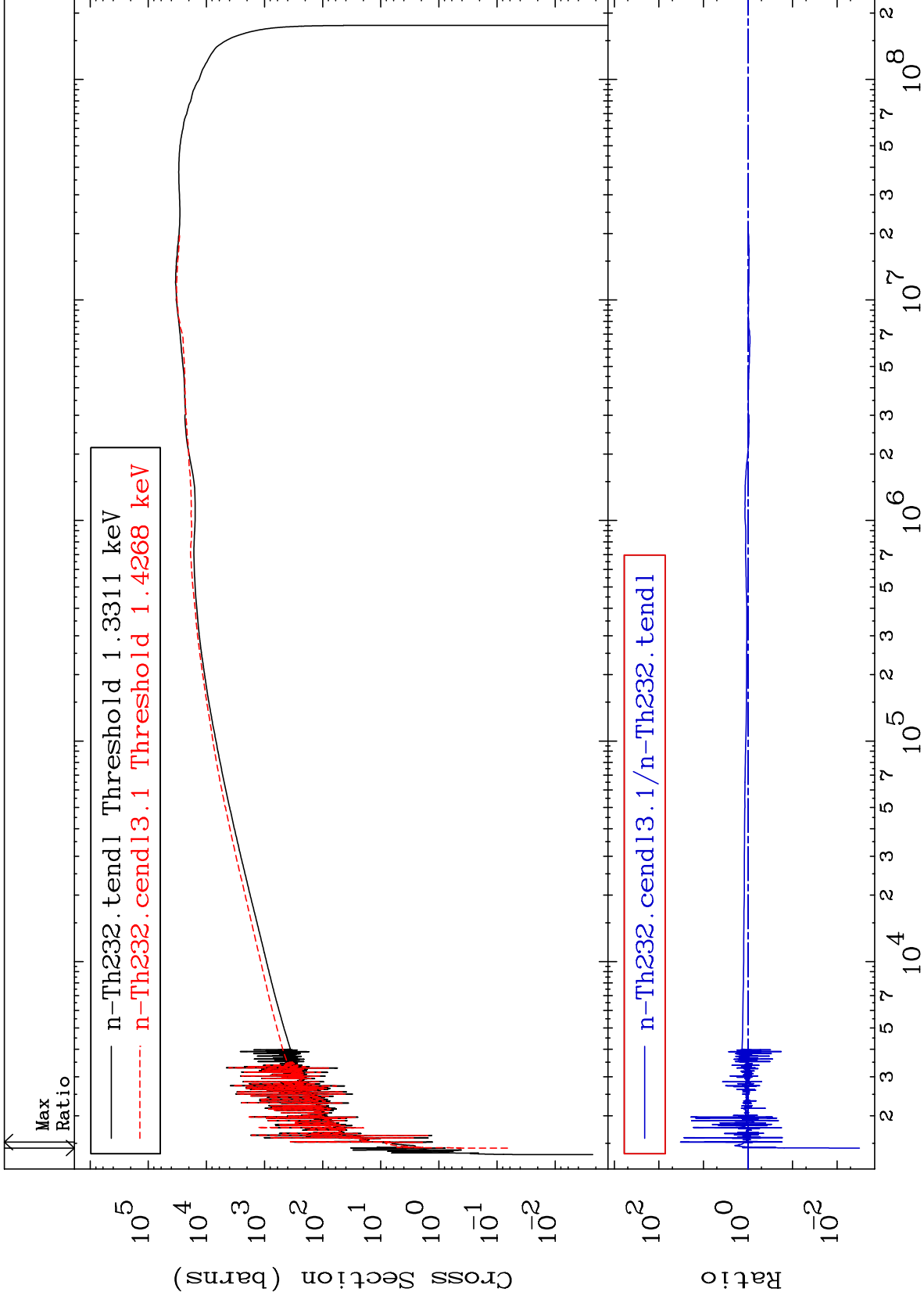
Incident Energy (eV)

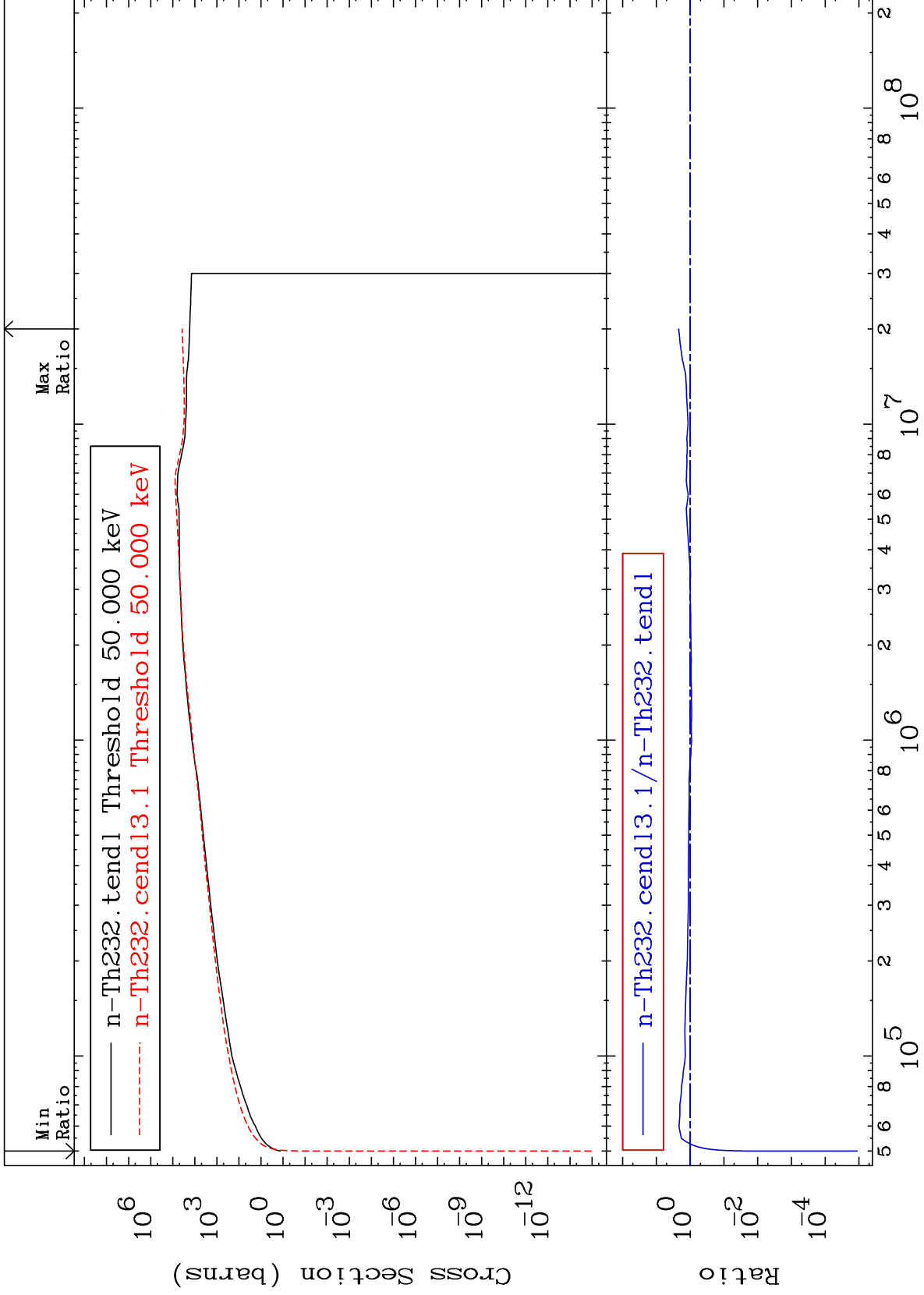
90-Th-232

MAT 9040

Dpa elastic (mt2)  
Cross Section

90-Th-232  
-99.68 To 3205. %

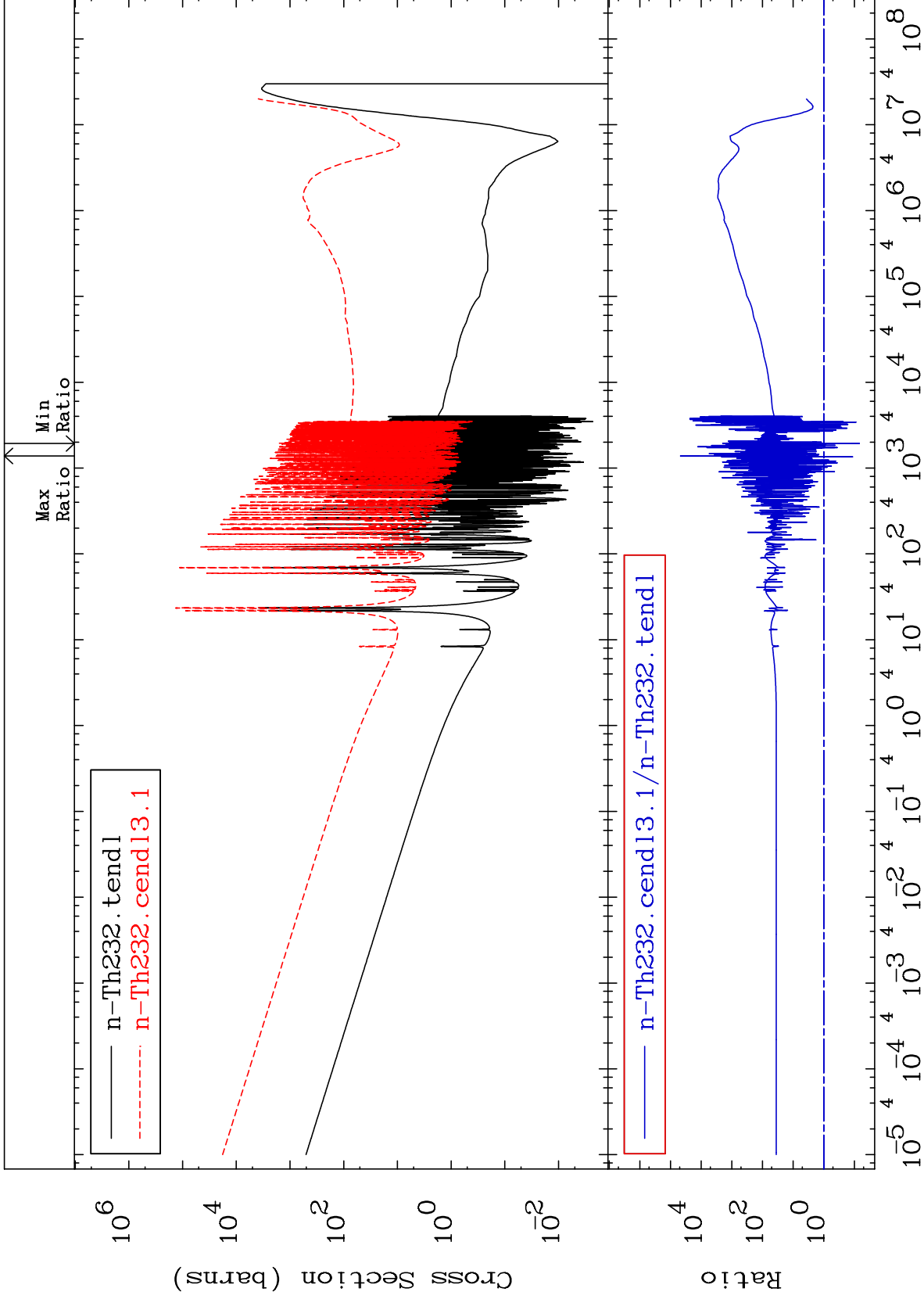




MAT 9040

Dpa disappearance (mt102 -120)  
Cross Section

90-Th-232  
-93.12 To 9999. %



50

Incident Energy (eV)

90-Th-232