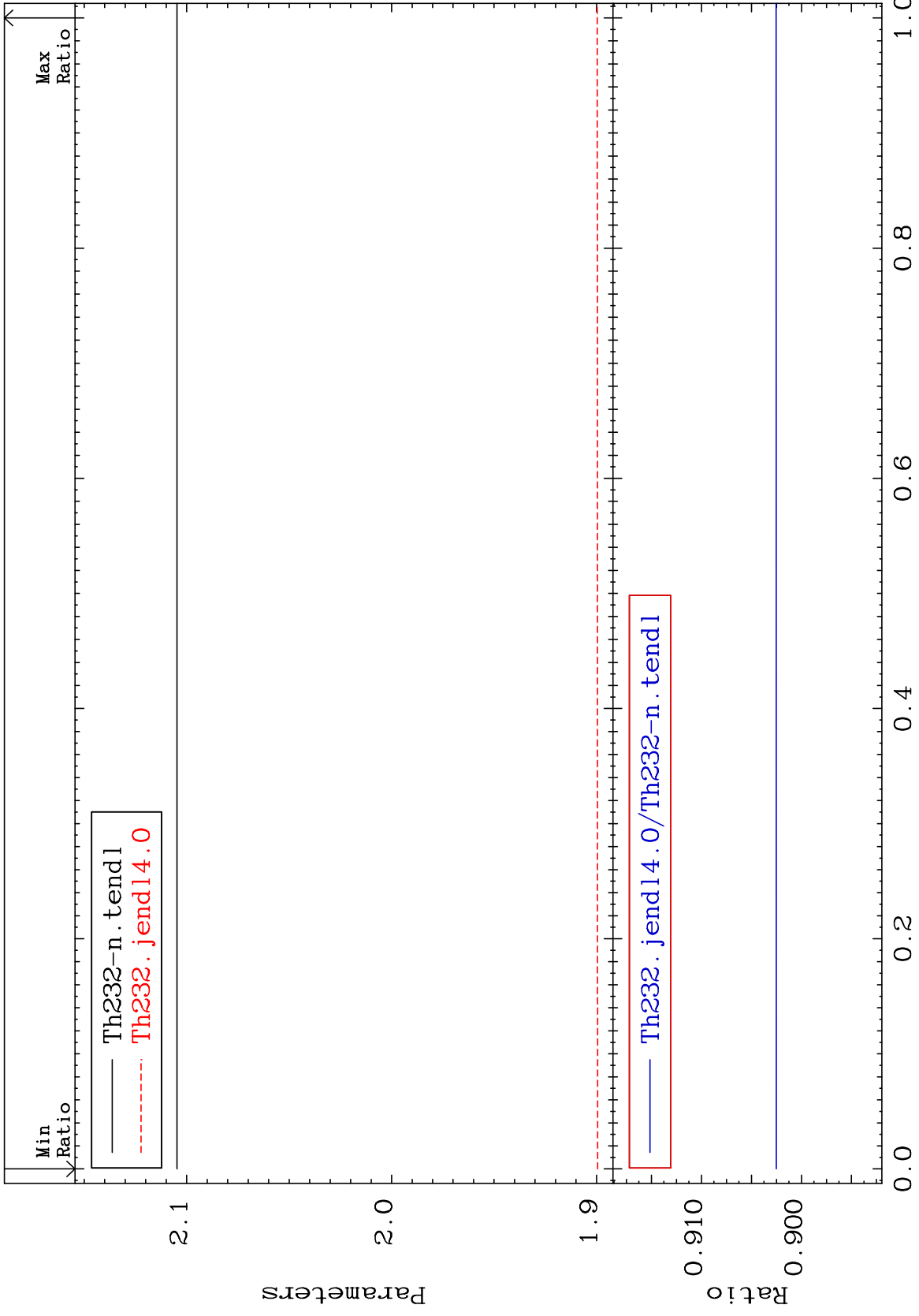


MAT 9040

Total  $\bar{\nu}$   
Parameters

90-Th-232  
-9.750 To -9.746%



1

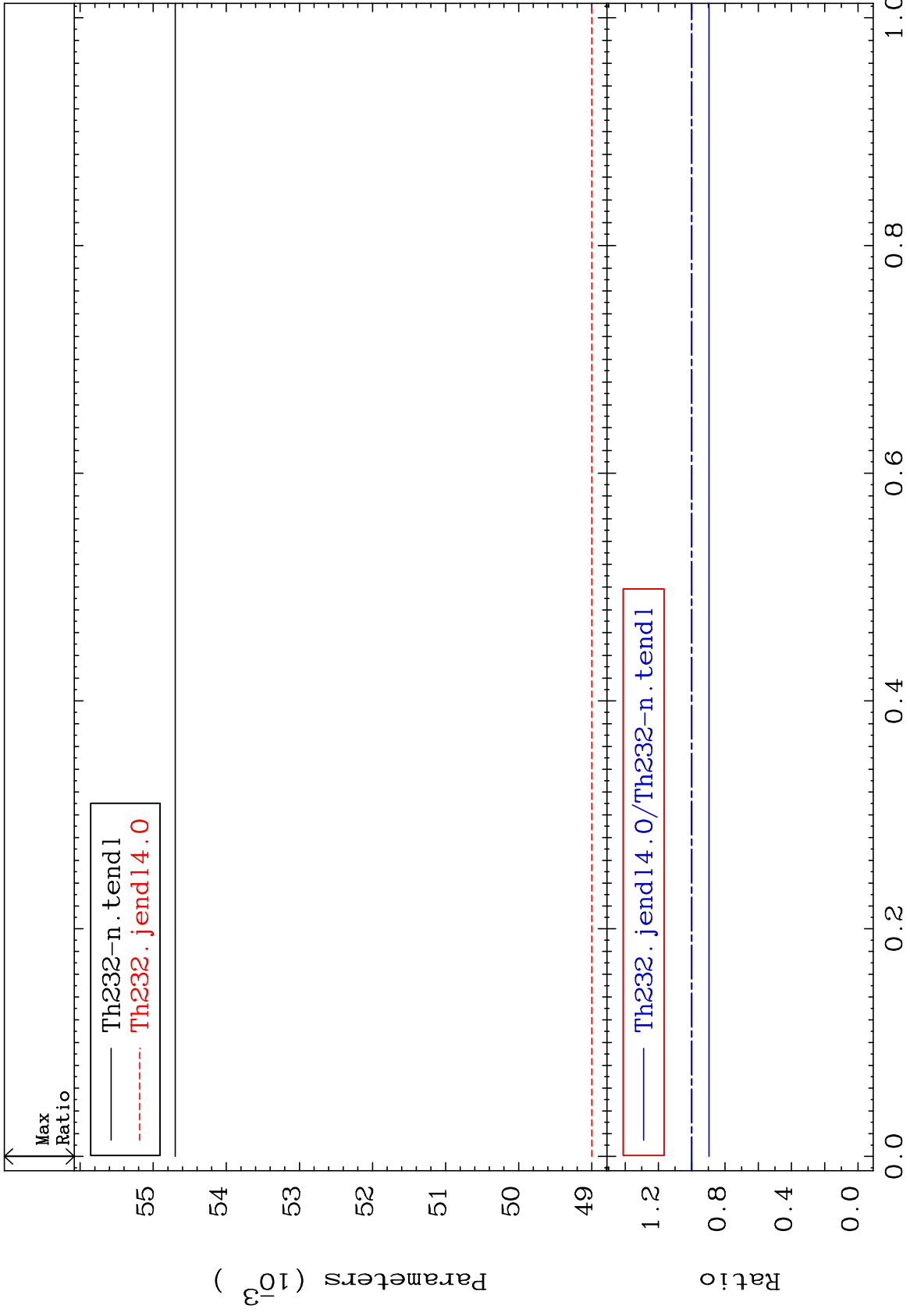
Incident Energy (KeV)

90-Th-232

MAT 9040

Delayed  $\bar{\nu}$   
Parameters

90-Th-232  
-10.42 To -10.42%



2

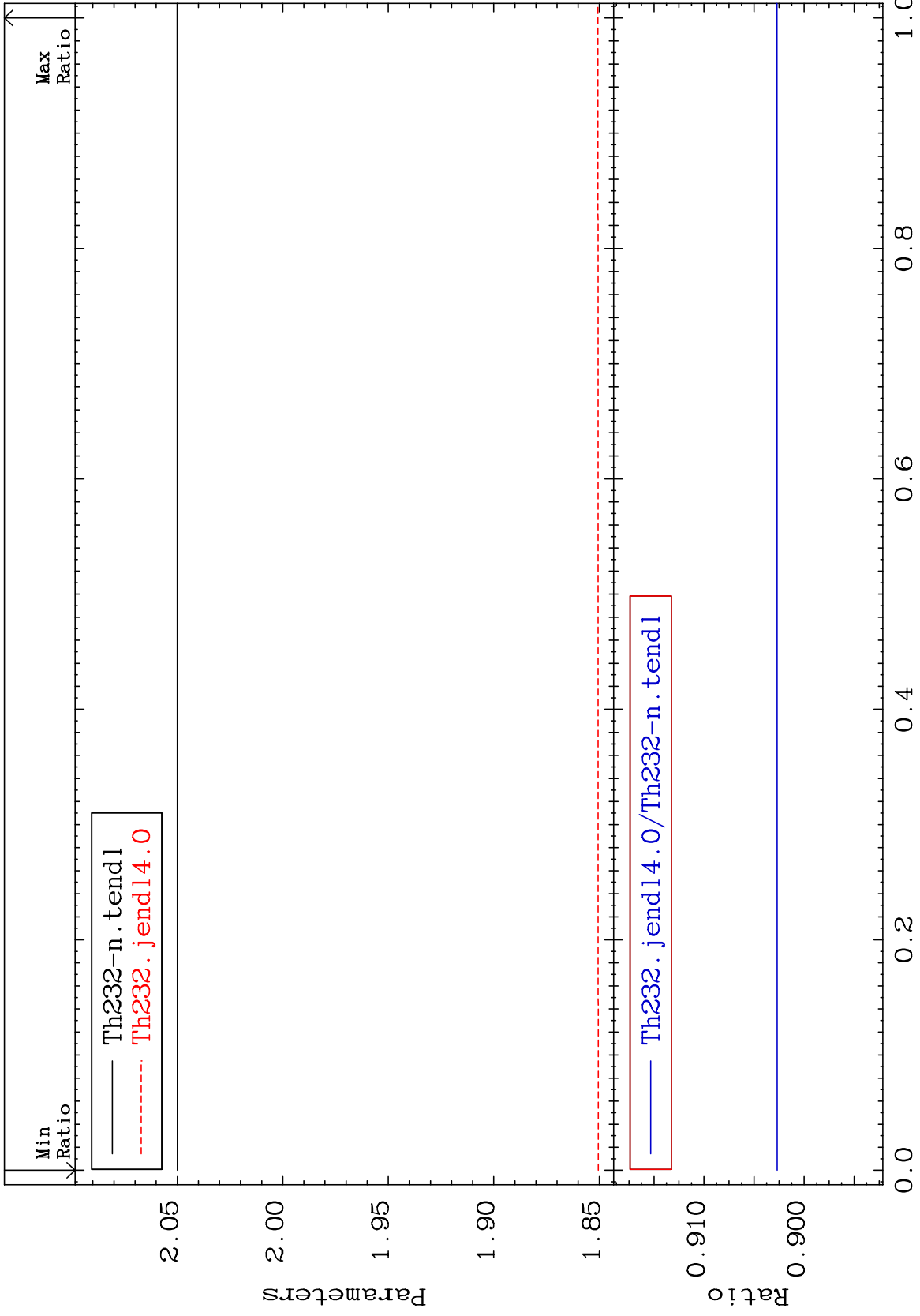
Incident Energy (KeV)

90-Th-232

MAT 9040

Prompt  $\bar{\nu}$   
Parameters

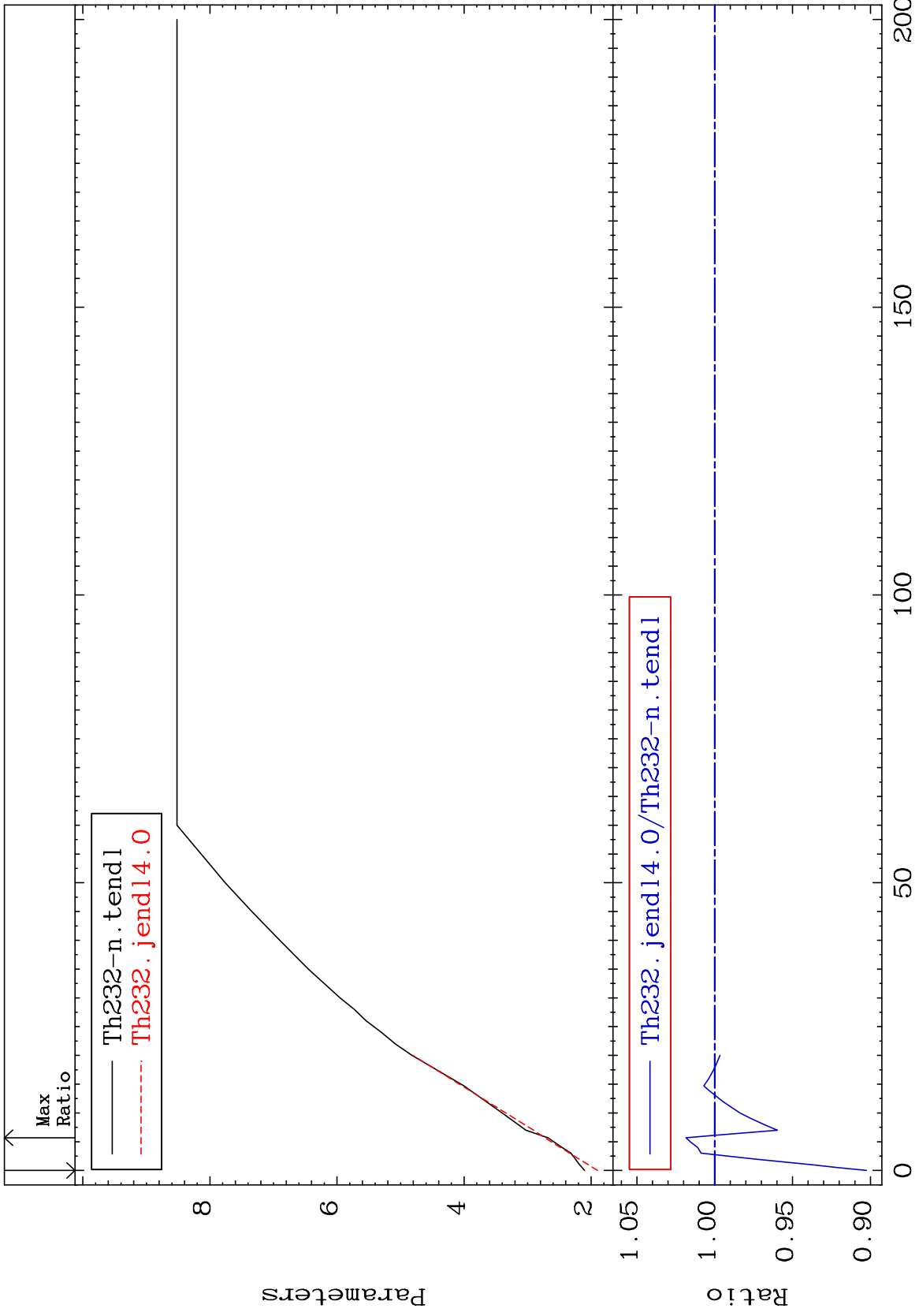
90-Th-232  
-9.732 To -9.728%



MAT 9040

Total  $\bar{\nu}$   
Parameters

90-Th-232  
-9.750 To 1.849 %



Incident Energy (MeV)

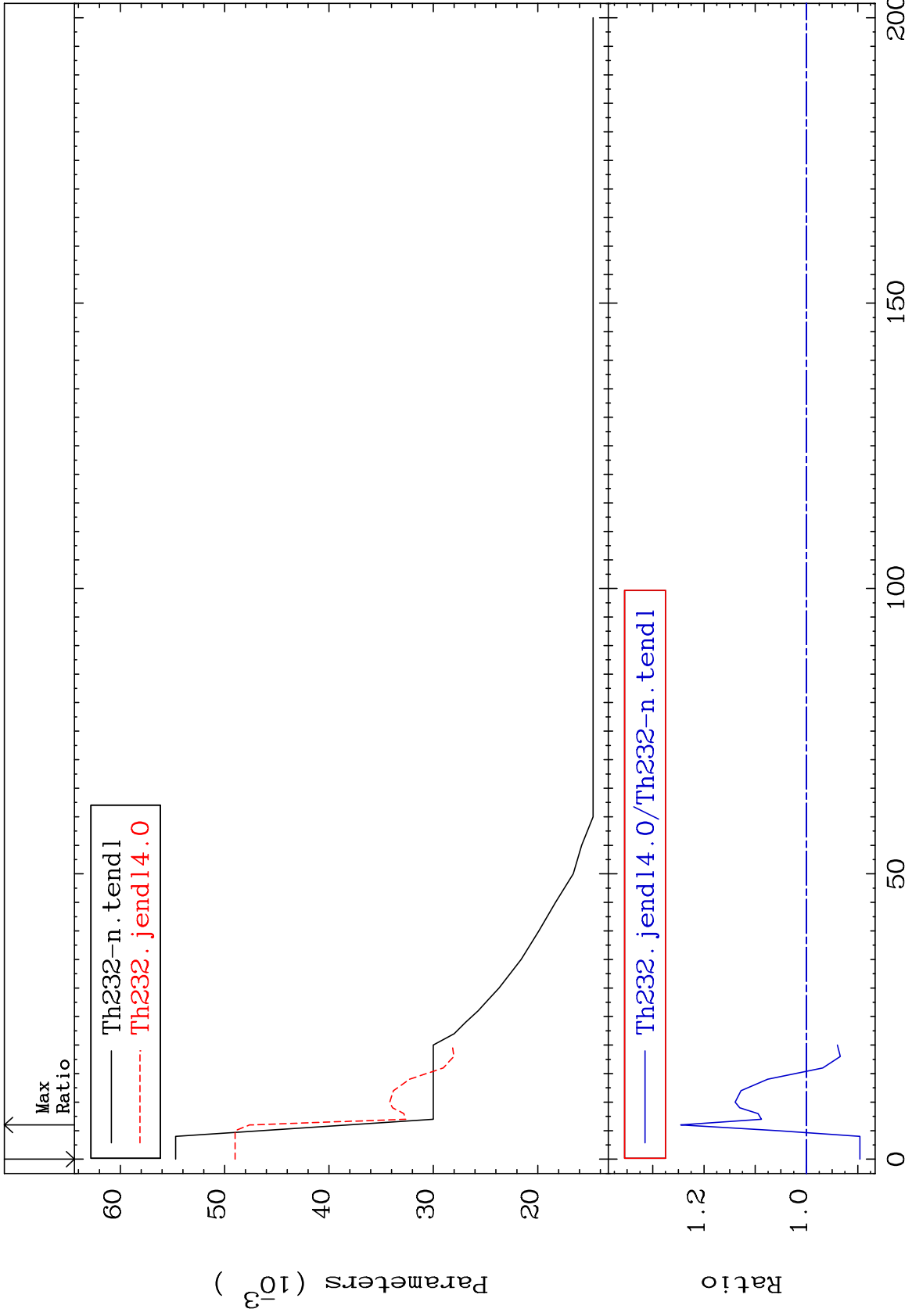
90-Th-232

1

MAT 9040

Delayed  $\bar{\nu}$   
Parameters

90-Th-232  
-10.42 To 24.54 %



Incident Energy (MeV)

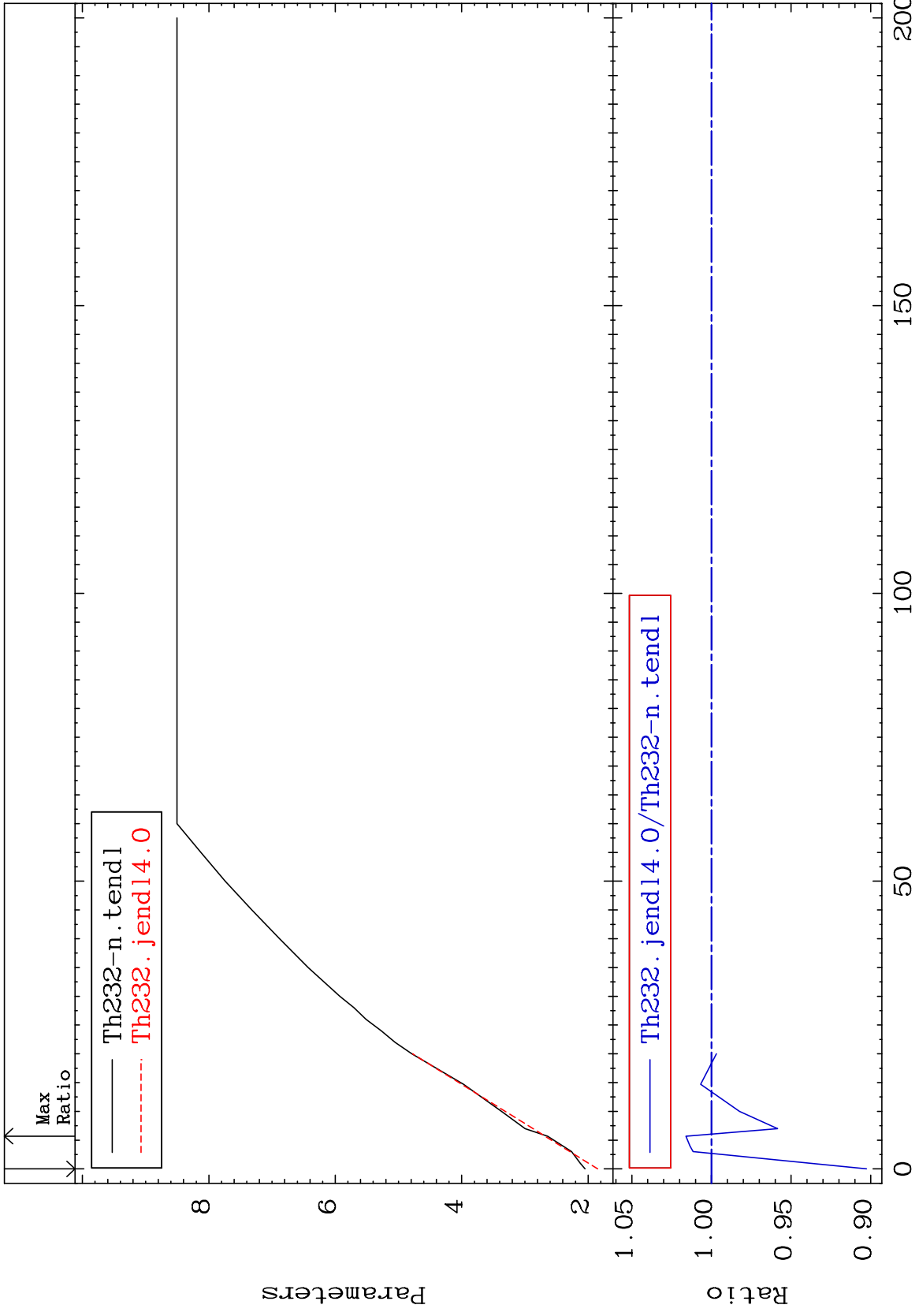
90-Th-232

2

MAT 9040

Prompt  $\bar{\nu}$   
Parameters

90-Th-232  
-9.732 To 1.600 %



3

Incident Energy (MeV)

90-Th-232

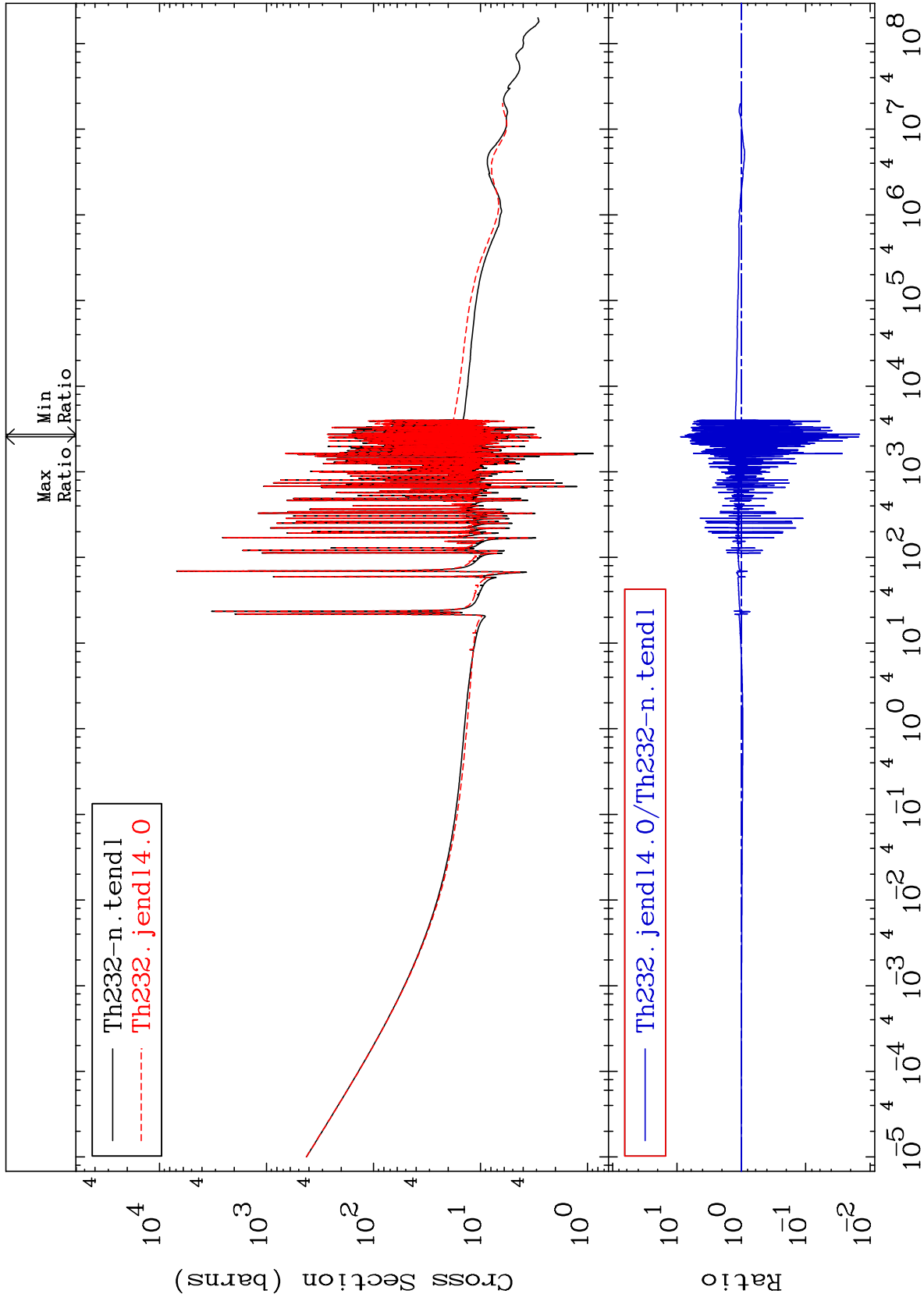
MAT 9040

Total

Cross Section

90-Th-232

-98.54 To 772.0 %



Incident Energy (eV)

90-Th-232

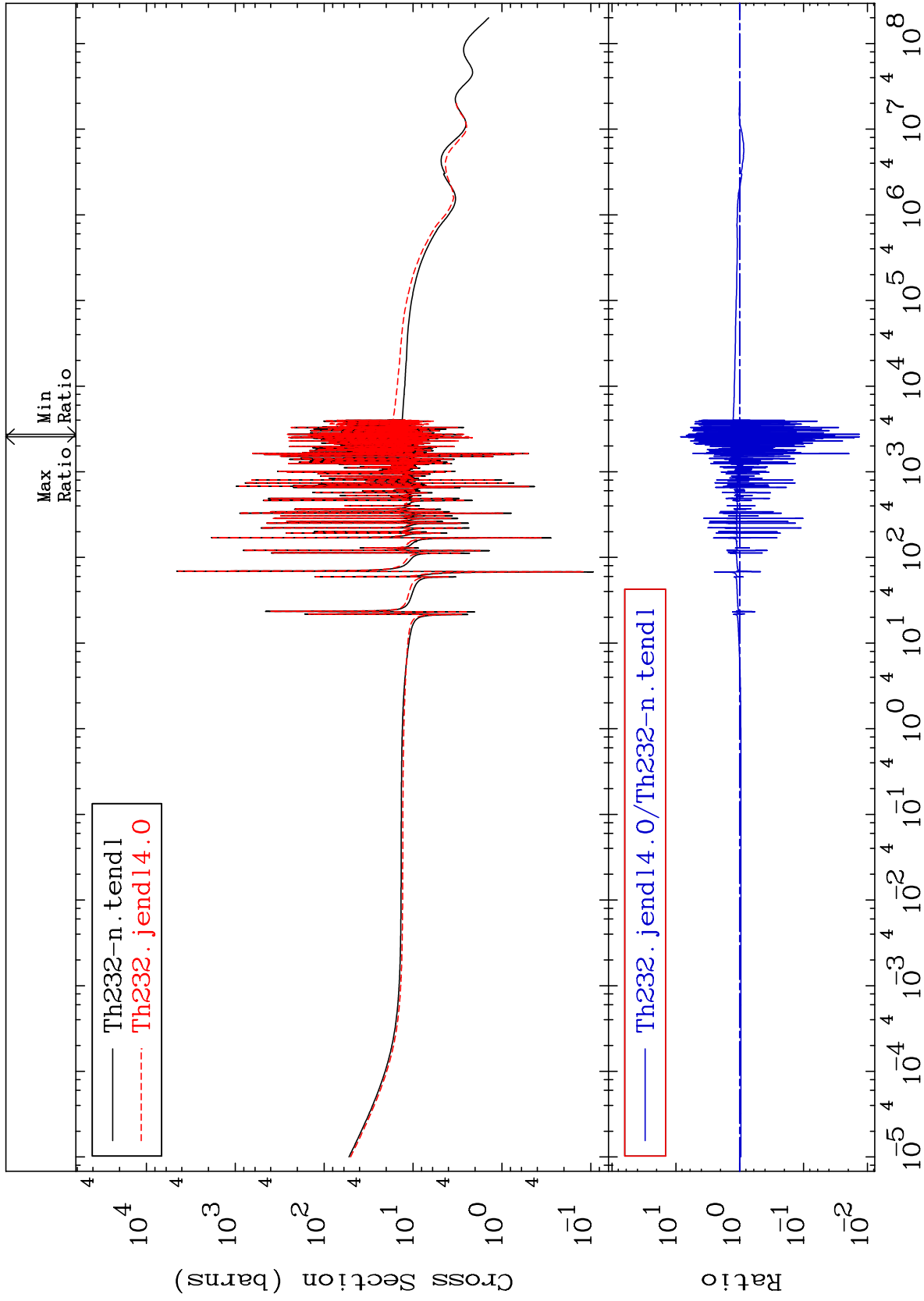
MAT 9040

Elastic

Cross Section

90-Th-232

-98.67 To 738.1 %



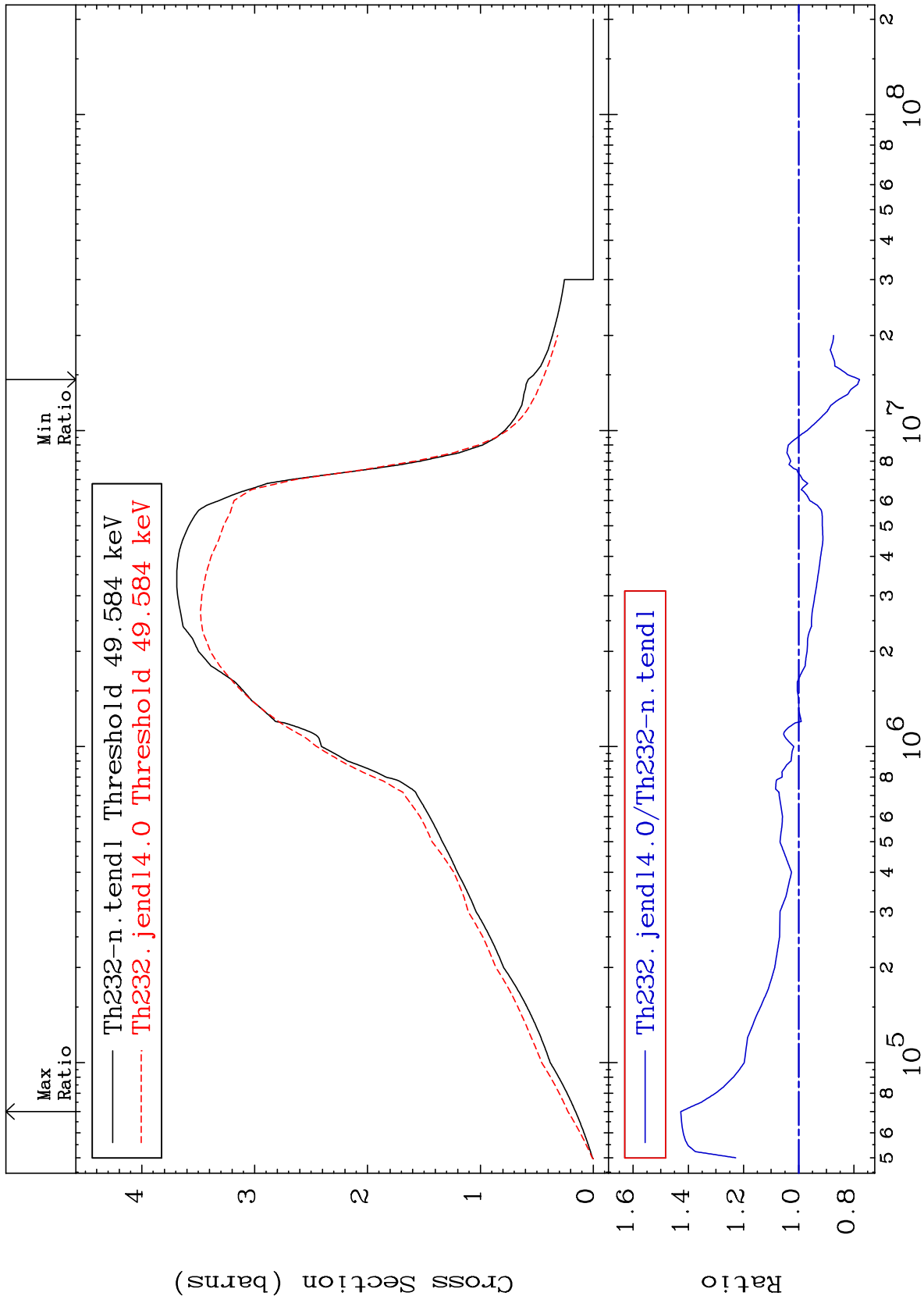
Incident Energy (eV)

90-Th-232

2



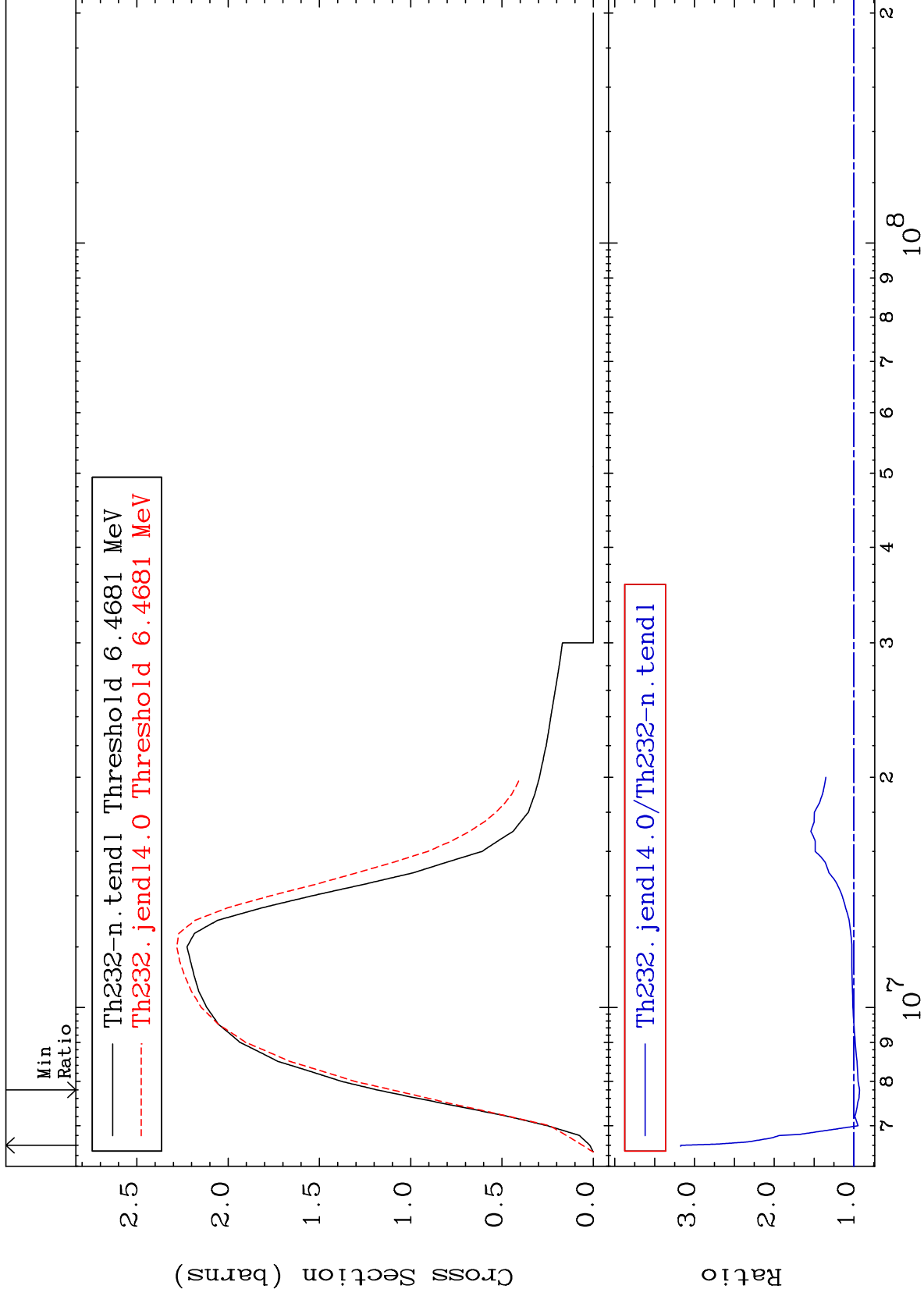
MAT 9040 Inelastic Cross Section 90-Th-232 -22.03 To 42.75 %



MAT 9040

(n,2n)  
Cross Section

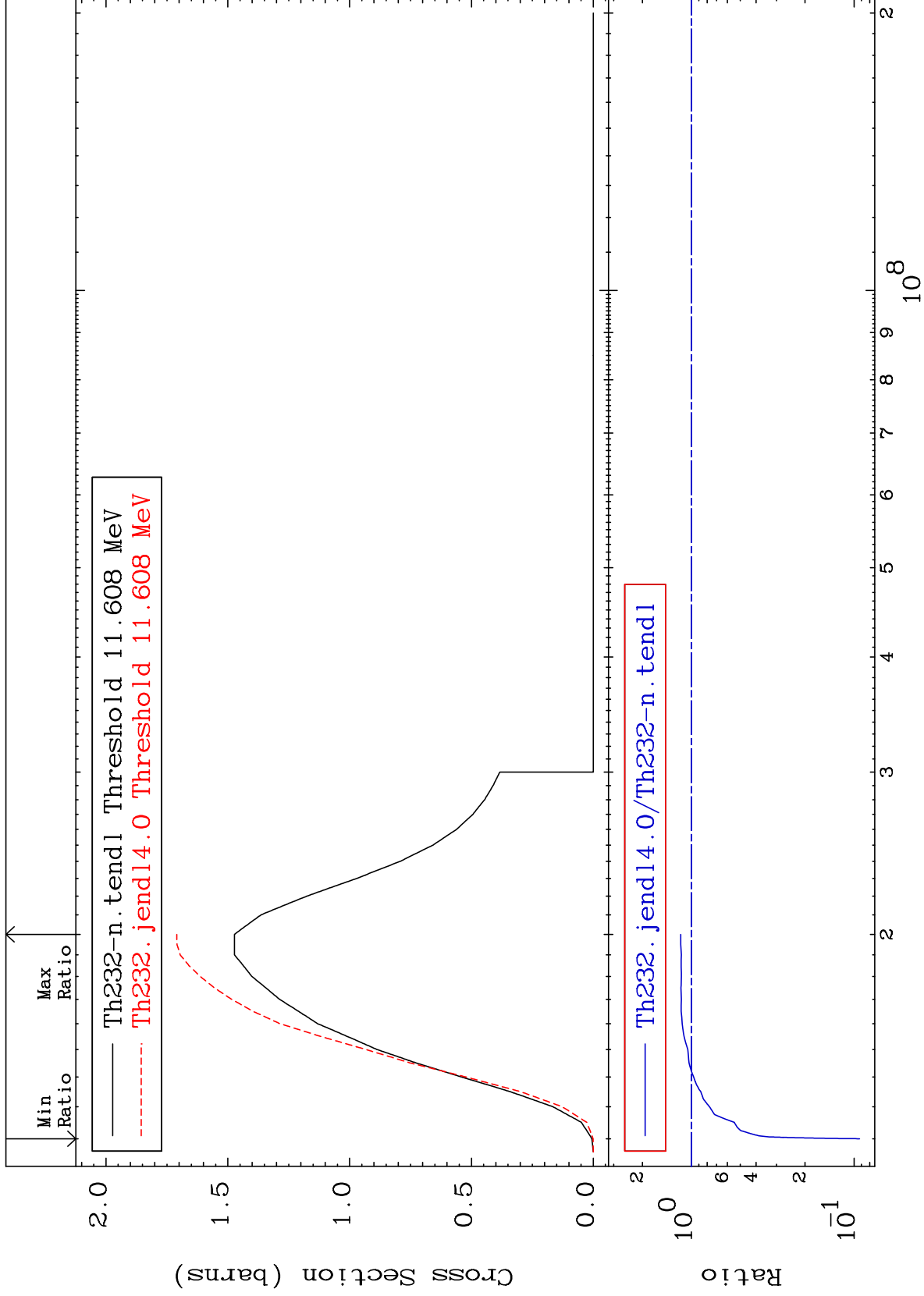
90-Th-232  
-7.013 To 217.3 %



MAT 9040

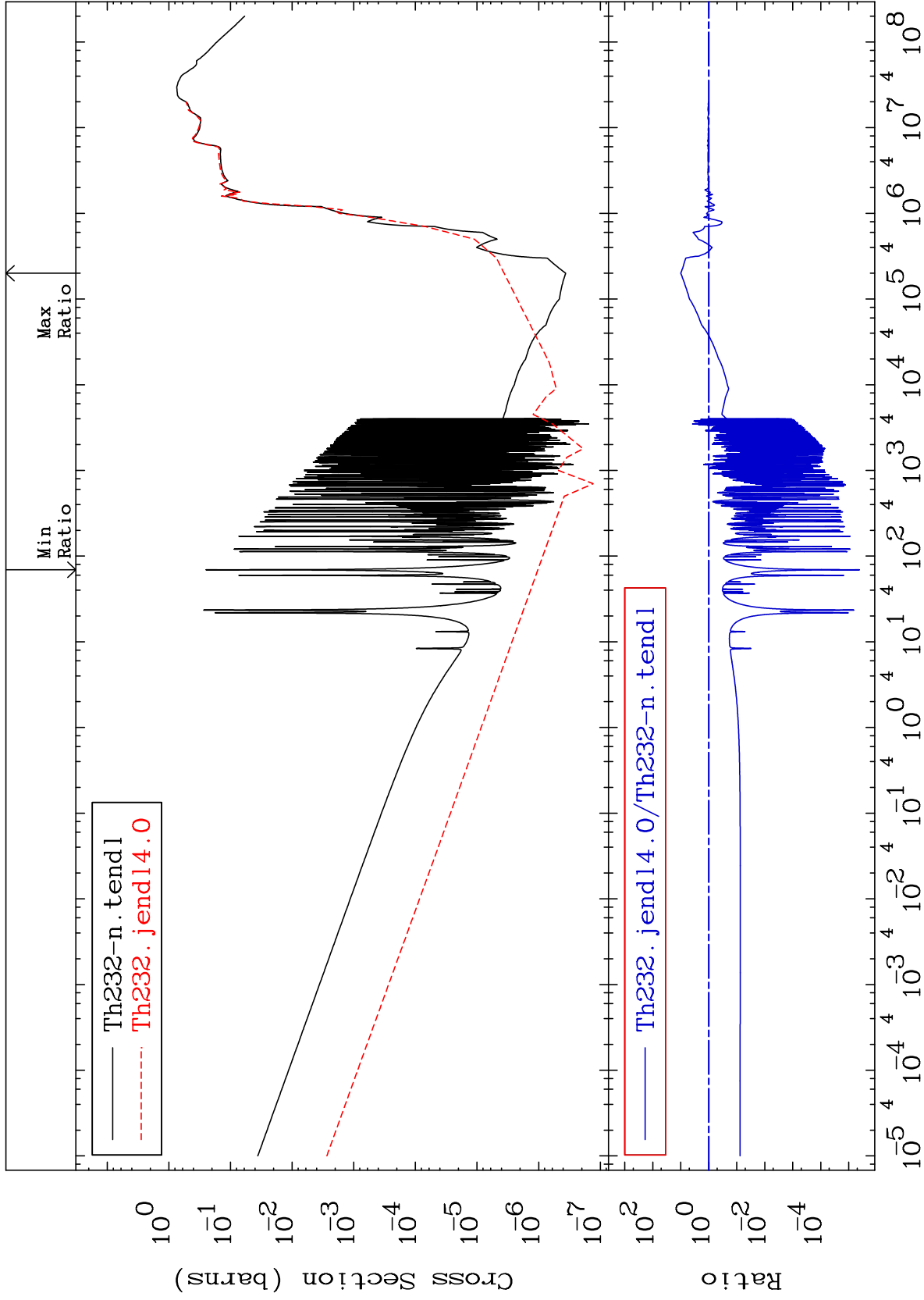
(n,3n)  
Cross Section

90-Th-232  
-90.75 To 16.08 %



MAT 9040

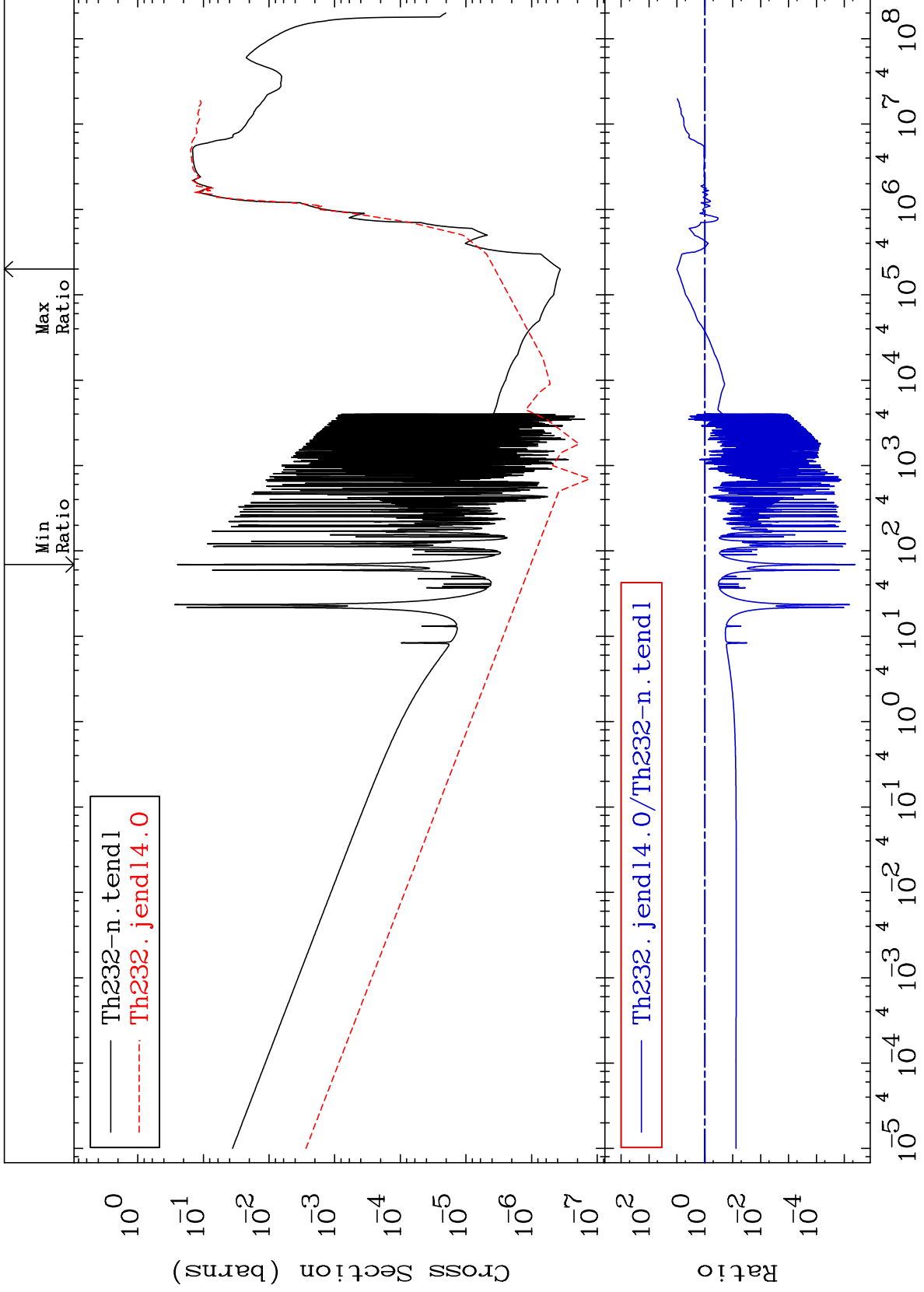
Fission Cross Section  
90-Th-232  
-100.0 To 898.6 %



MAT 9040

(n,f) First Chance  
Cross Section

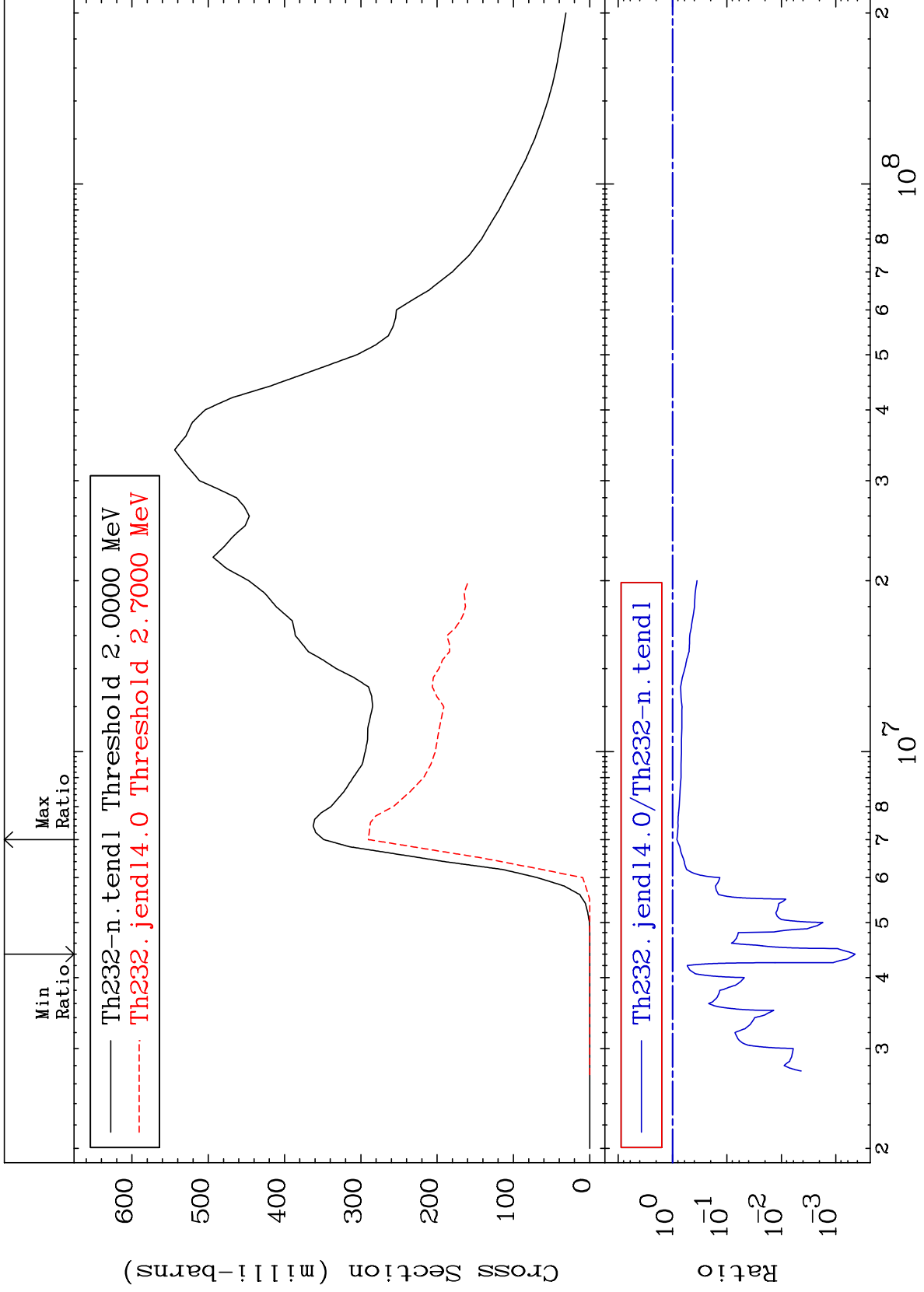
90-Th-232  
-100.0 To 898.6 %



MAT 9040

(n, nf) Second Chance  
Cross Section

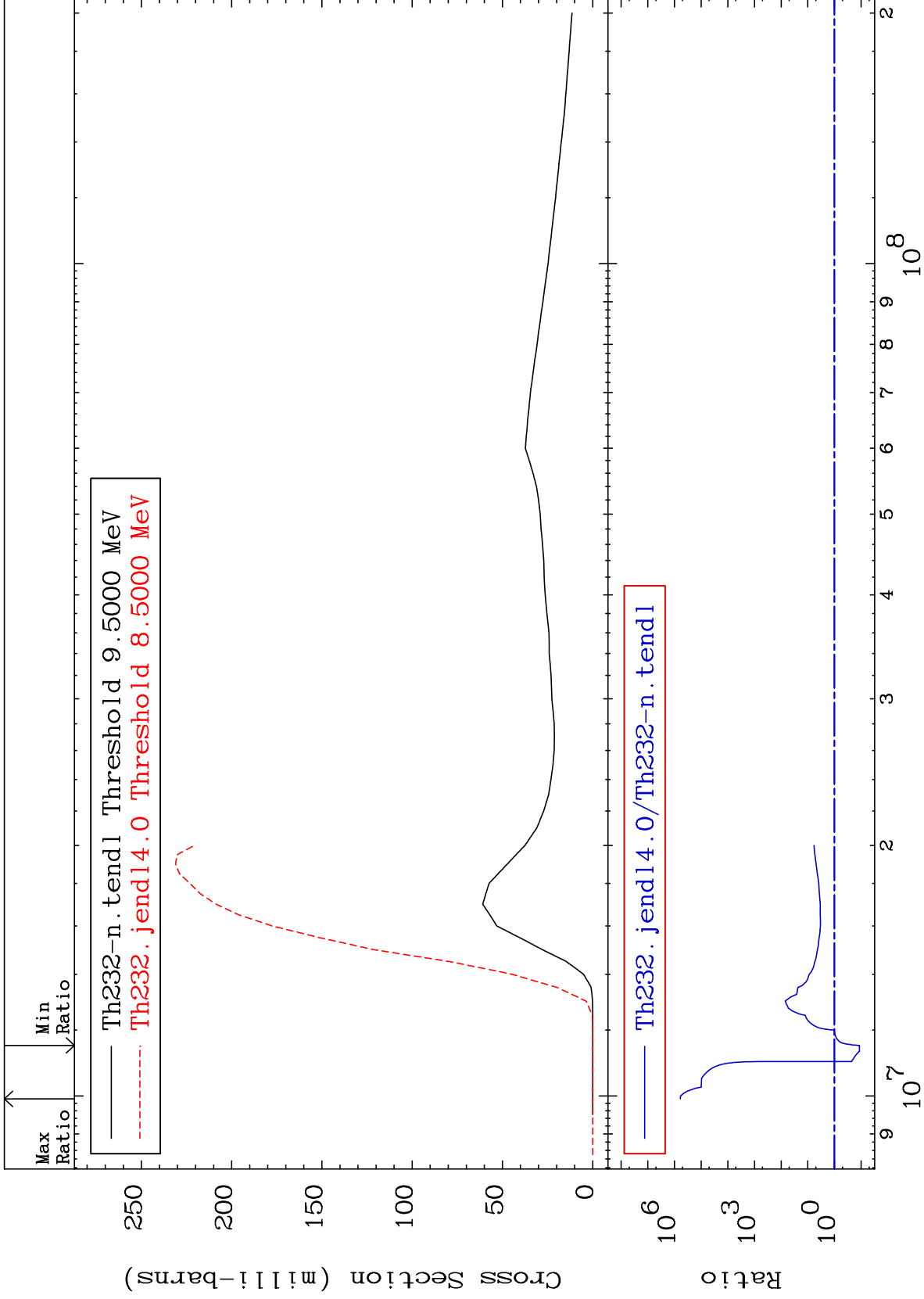
90-Th-232  
-99.96 To -16.79%



MAT 9040

(n,2nf) Third Chance  
Cross Section

90-Th-232  
-88.39 To 9999. %



9

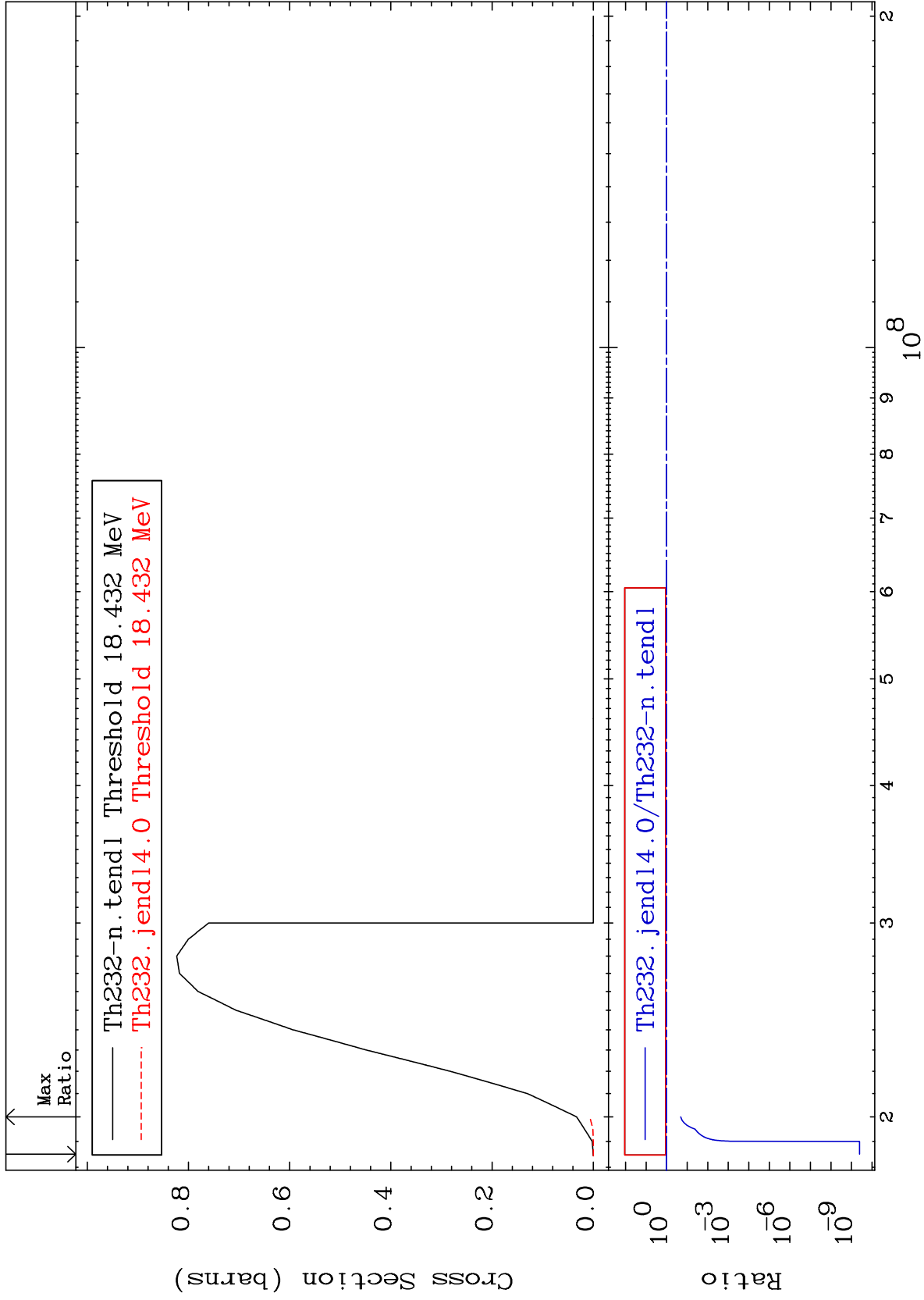
Incident Energy (eV)

90-Th-232

MAT 9040

(n,4n)  
Cross Section

90-Th-232  
-100.0 To -79.43%



10

Incident Energy (eV)

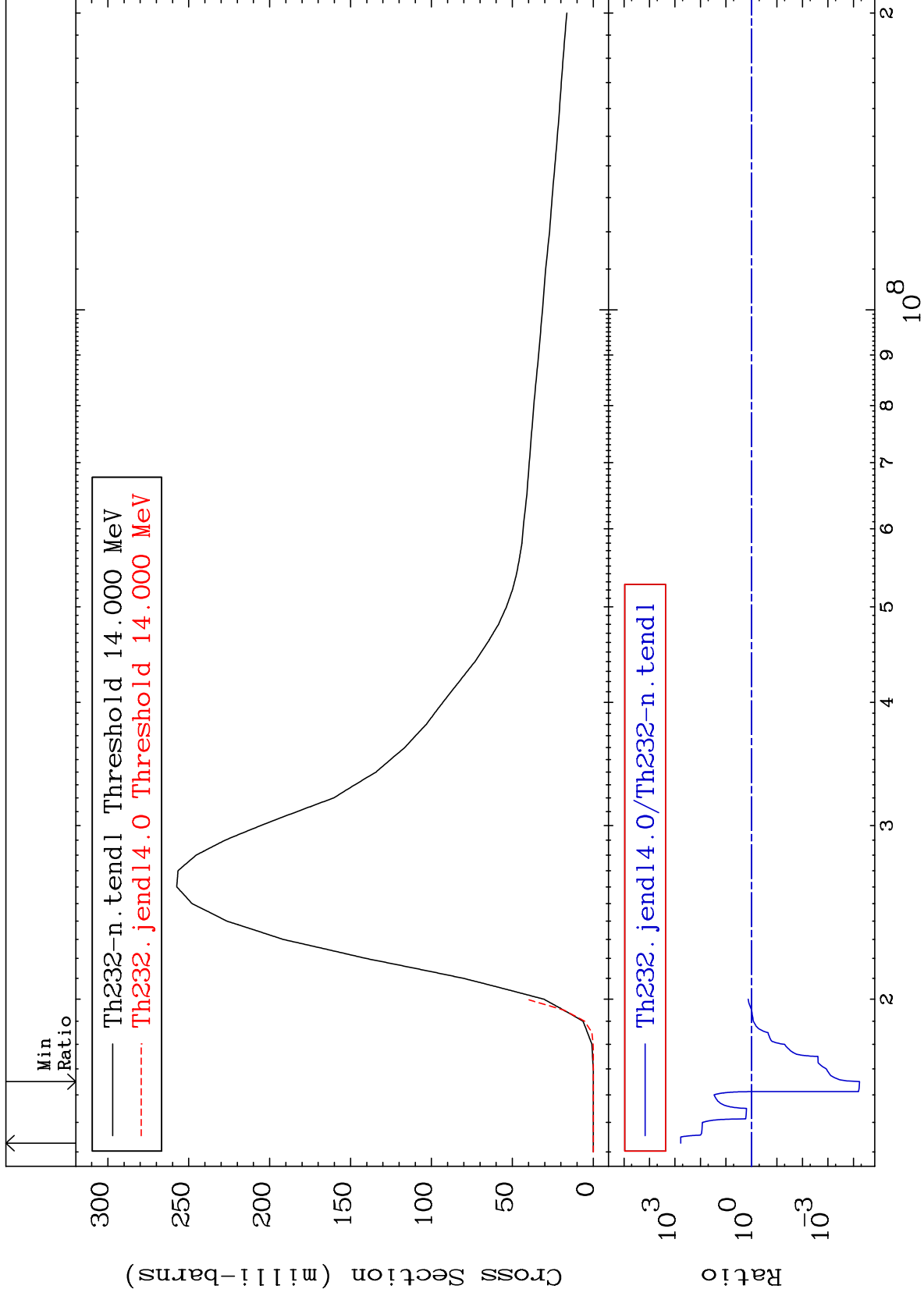
90-Th-232



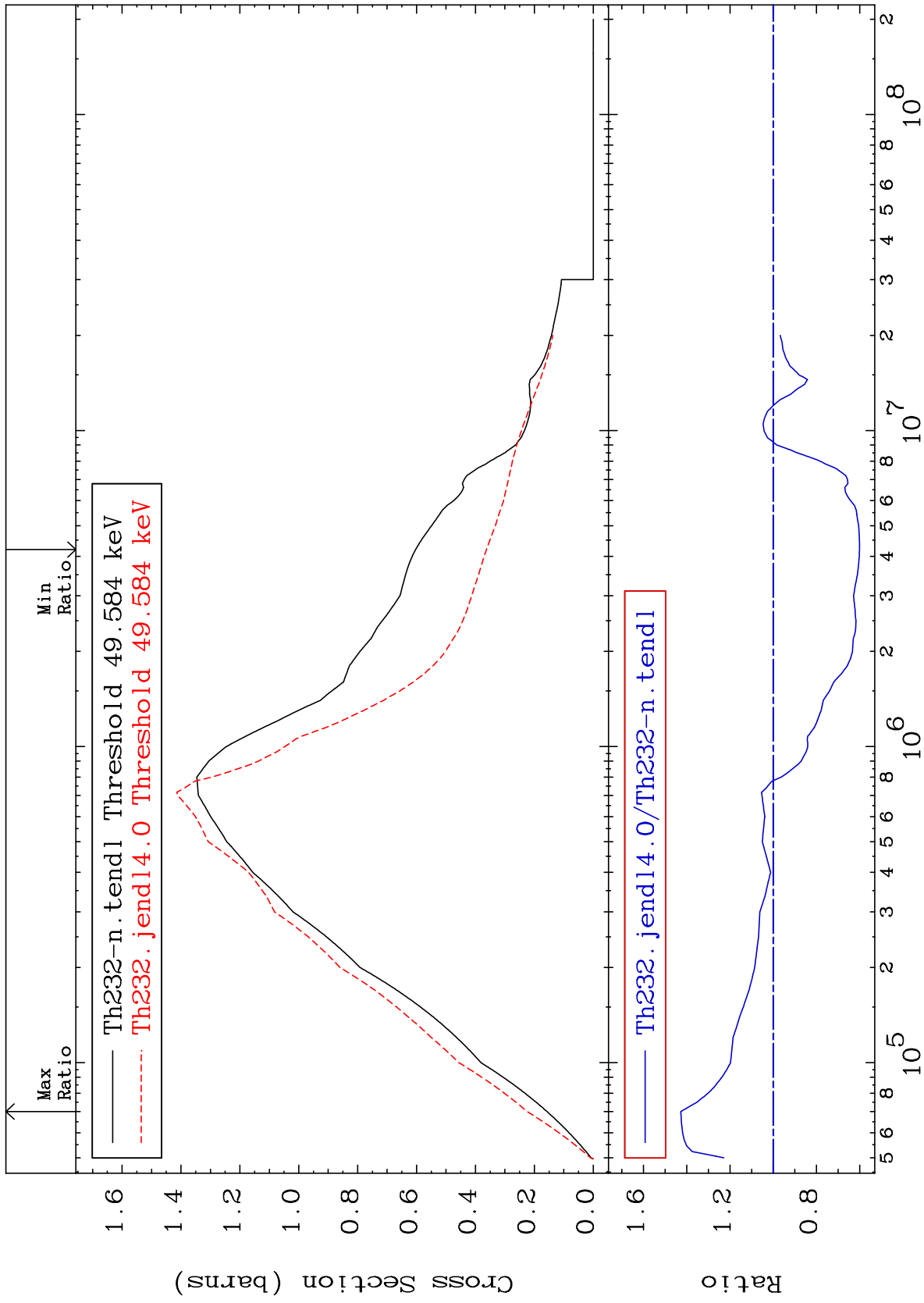
MAT 9040

(n,3nf) Fourth Chance  
Cross Section

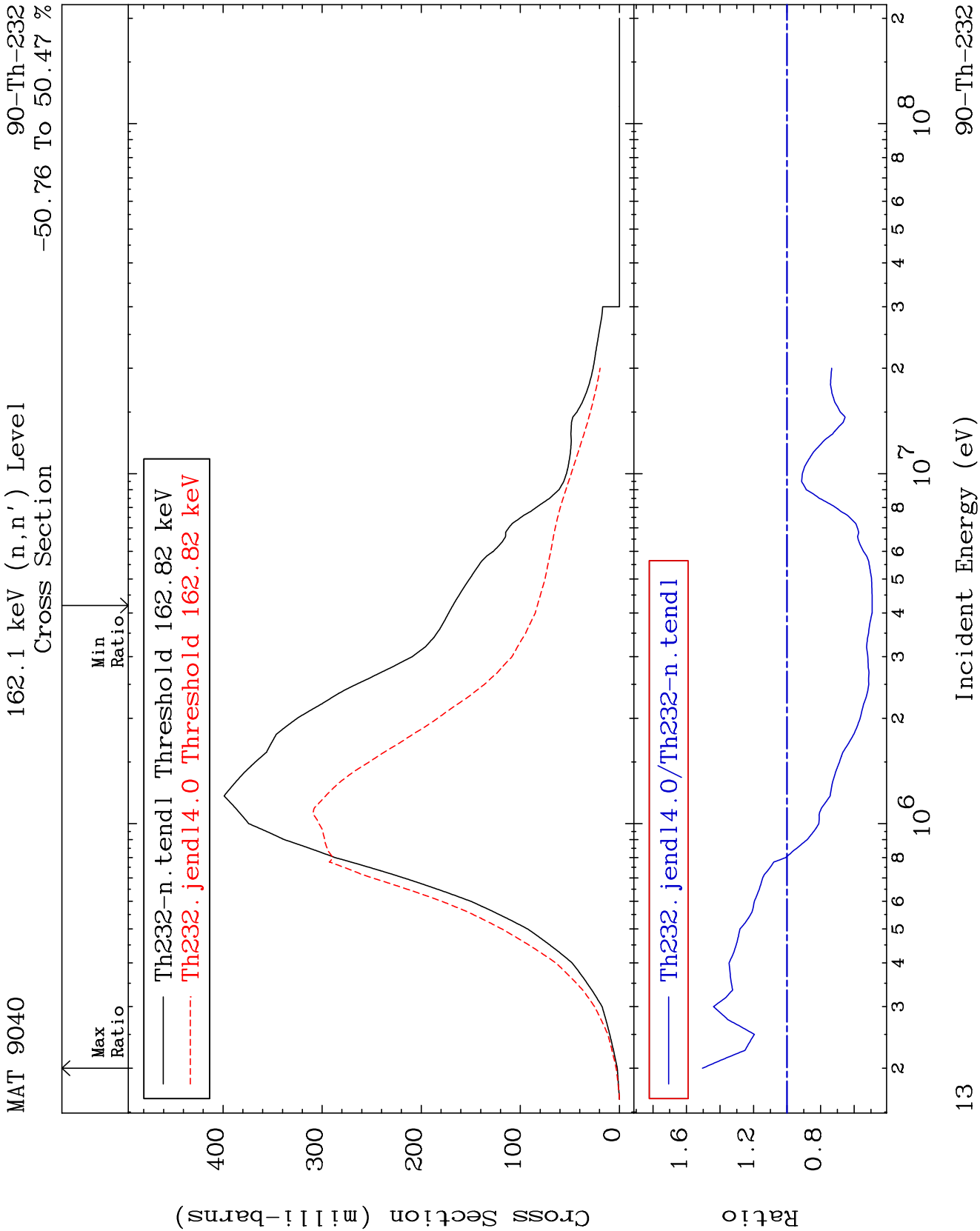
90-Th-232  
-99.99 To 9999. %



MAT 9040      49.37 keV (n,n') Level      90-Th-232  
 Cross Section      -39.90 To 42.75 %



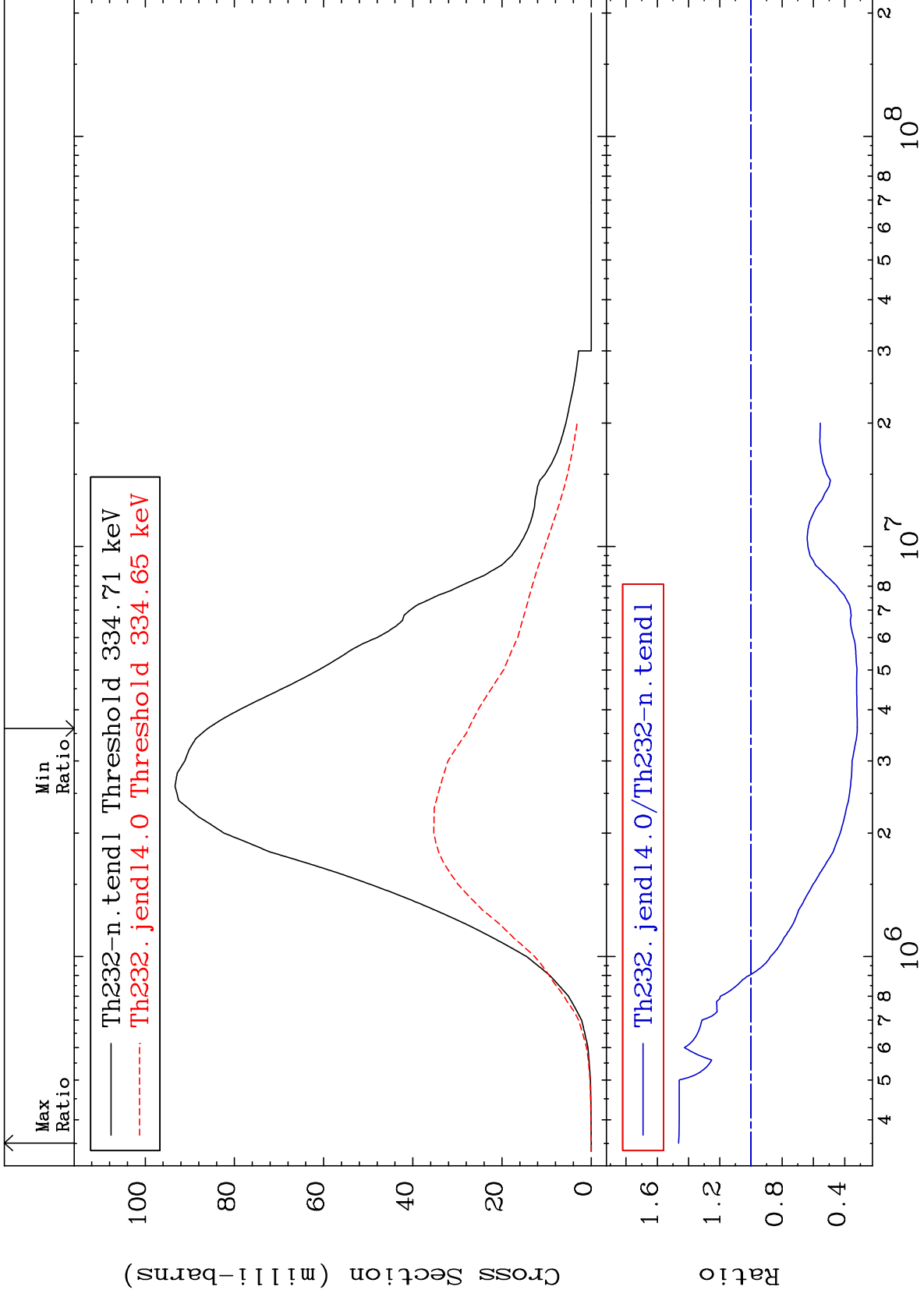
12      Incident Energy (eV)      90-Th-232



MAT 9040

333.3 keV (n,n') Level  
Cross Section

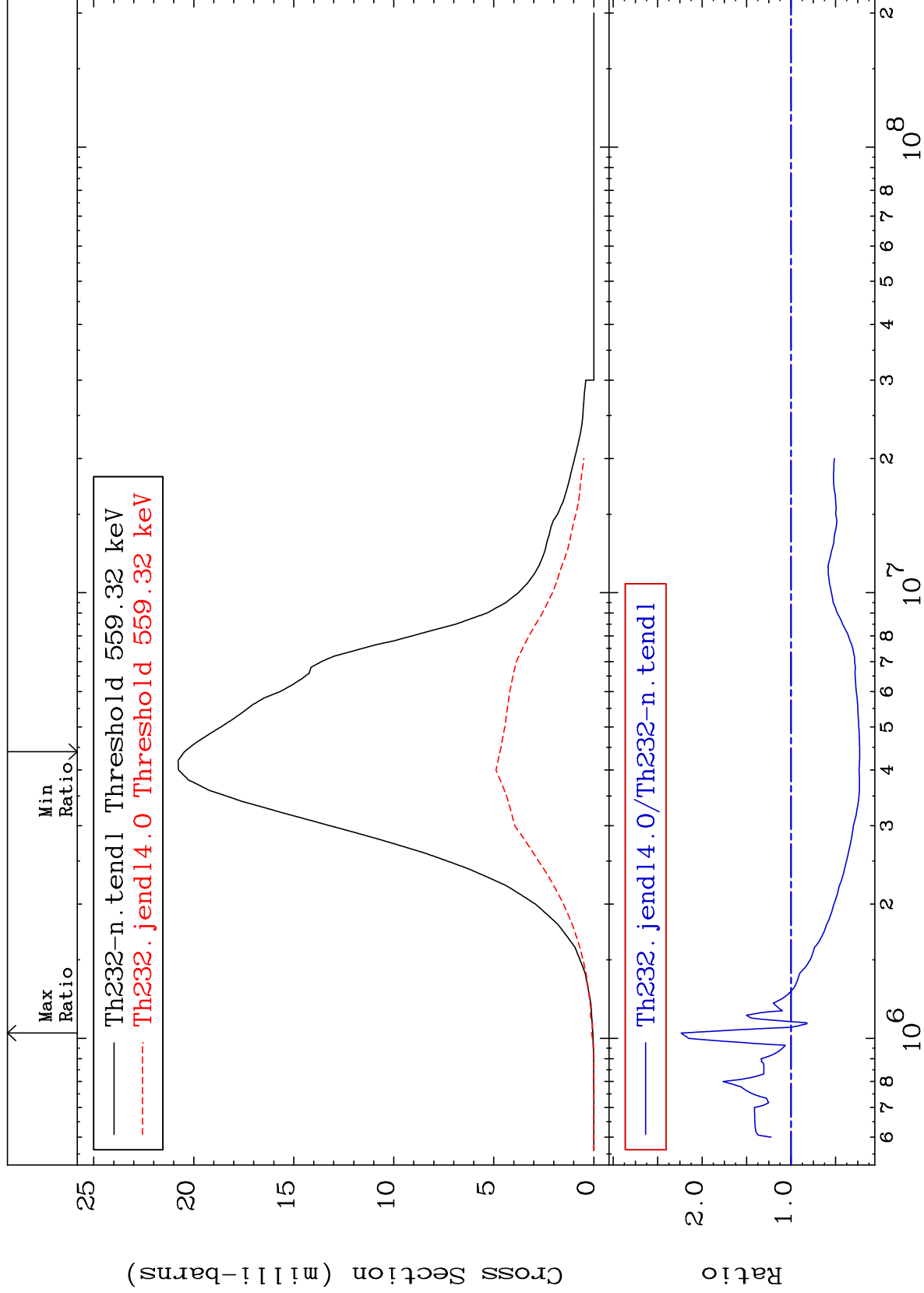
90-Th-232  
-68.04 To 46.33 %



MAT 9040

556.9 keV (n,n') Level  
Cross Section

90-Th-232  
-77.07 To 123.6 %

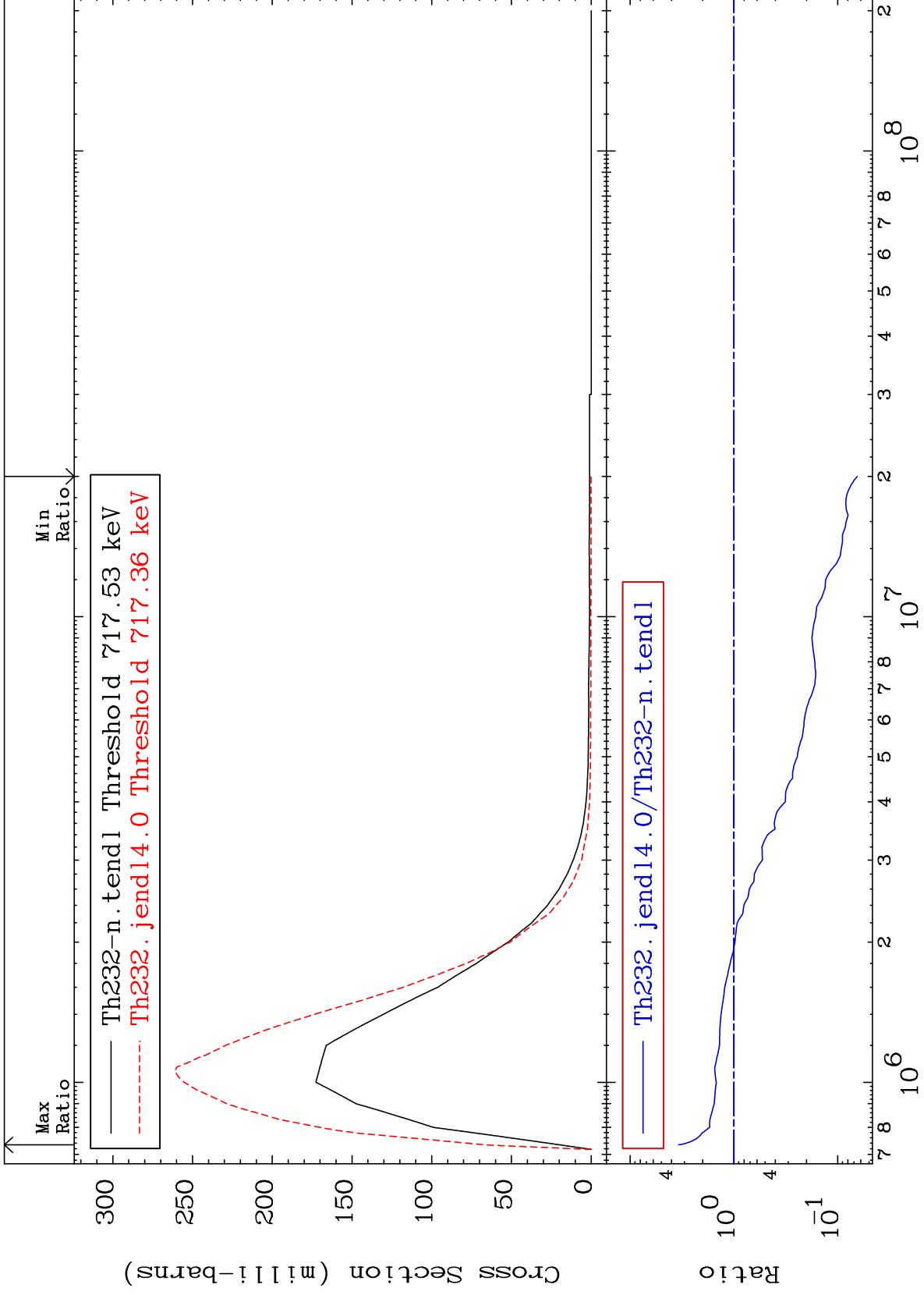


15

MAT 9040

714.4 keV (n,n') Level  
Cross Section

90-Th-232  
-93.51 To 241.3 %



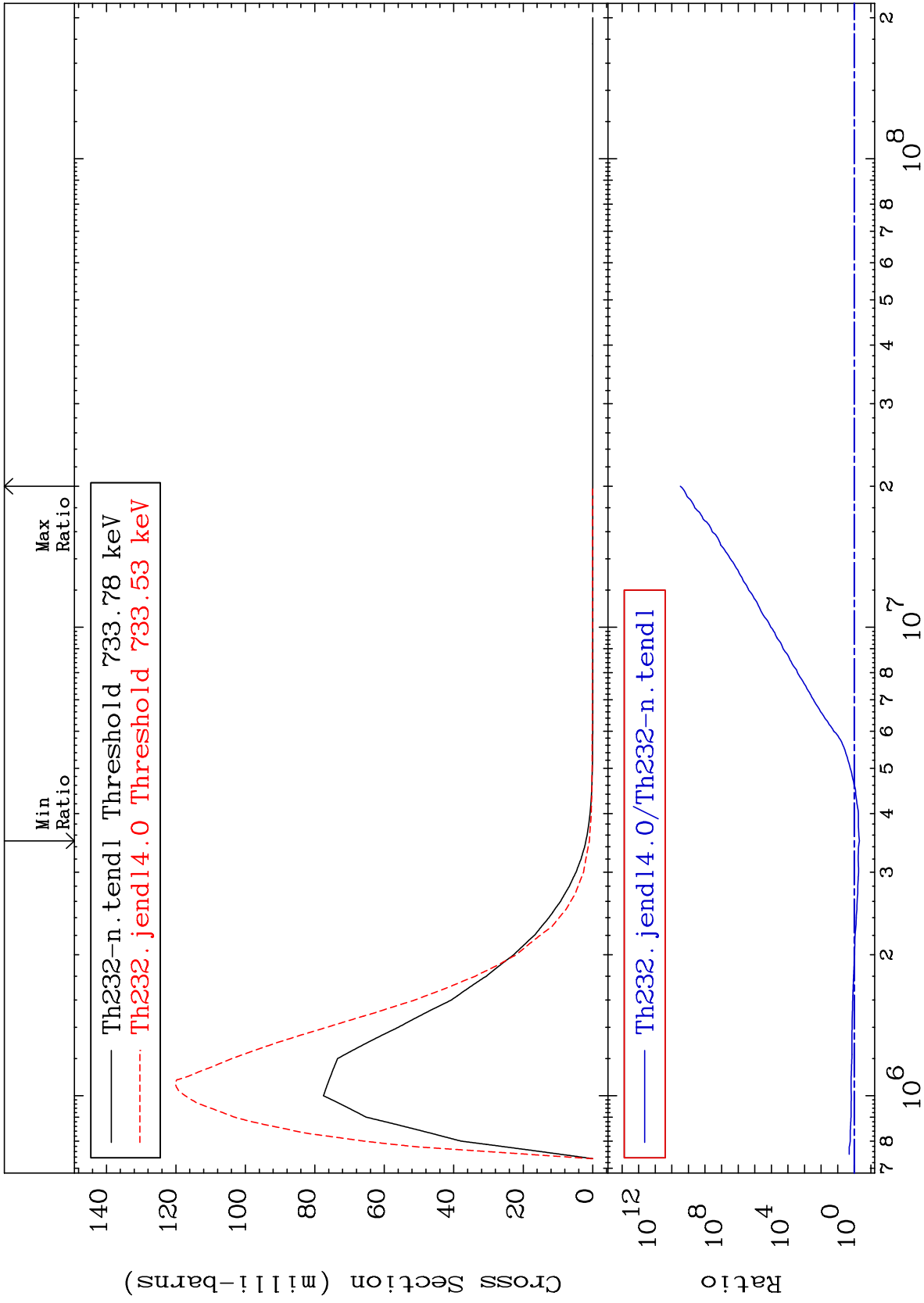
16

90-Th-232

MAT 9040

730.6 keV (n,n') Level  
Cross Section

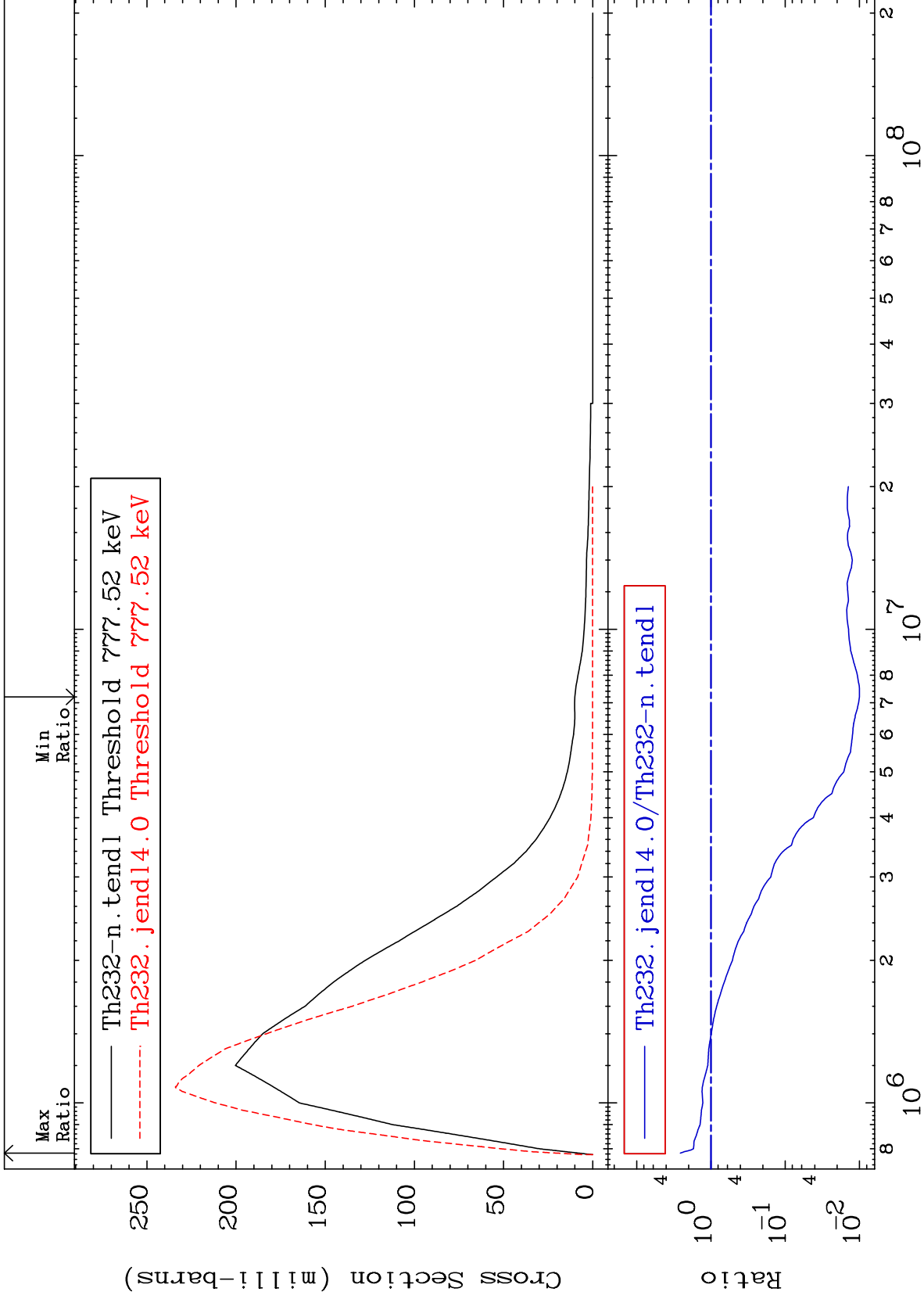
90-Th-232  
-50.82 To 9999. %



MAT 9040

774.2 keV (n,n') Level  
Cross Section

90-Th-232  
-99.00 To 157.9 %



18

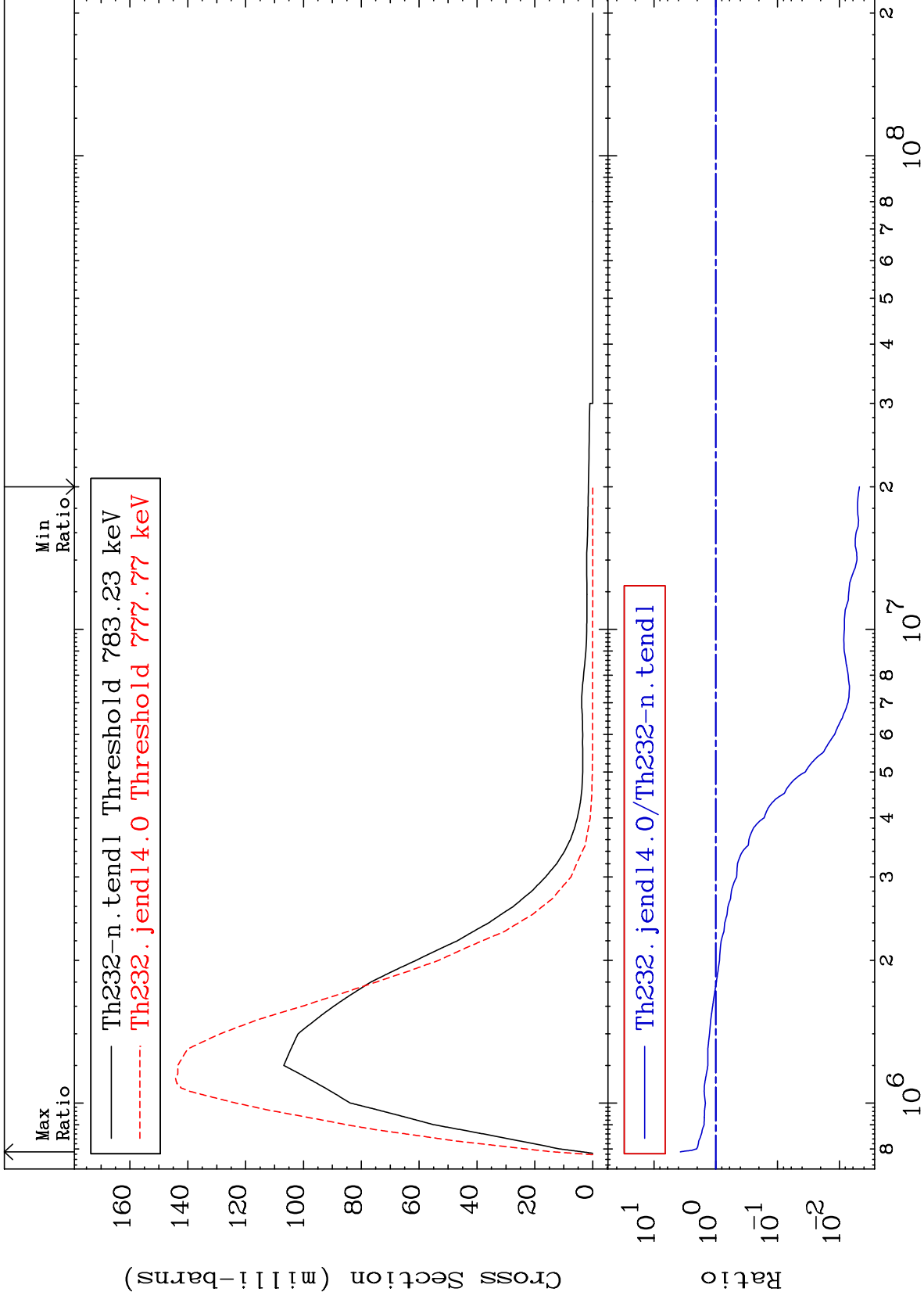
90-Th-232



MAT 9040

779.8 keV (n,n') Level  
Cross Section

90-Th-232  
-99.53 To 273.8 %



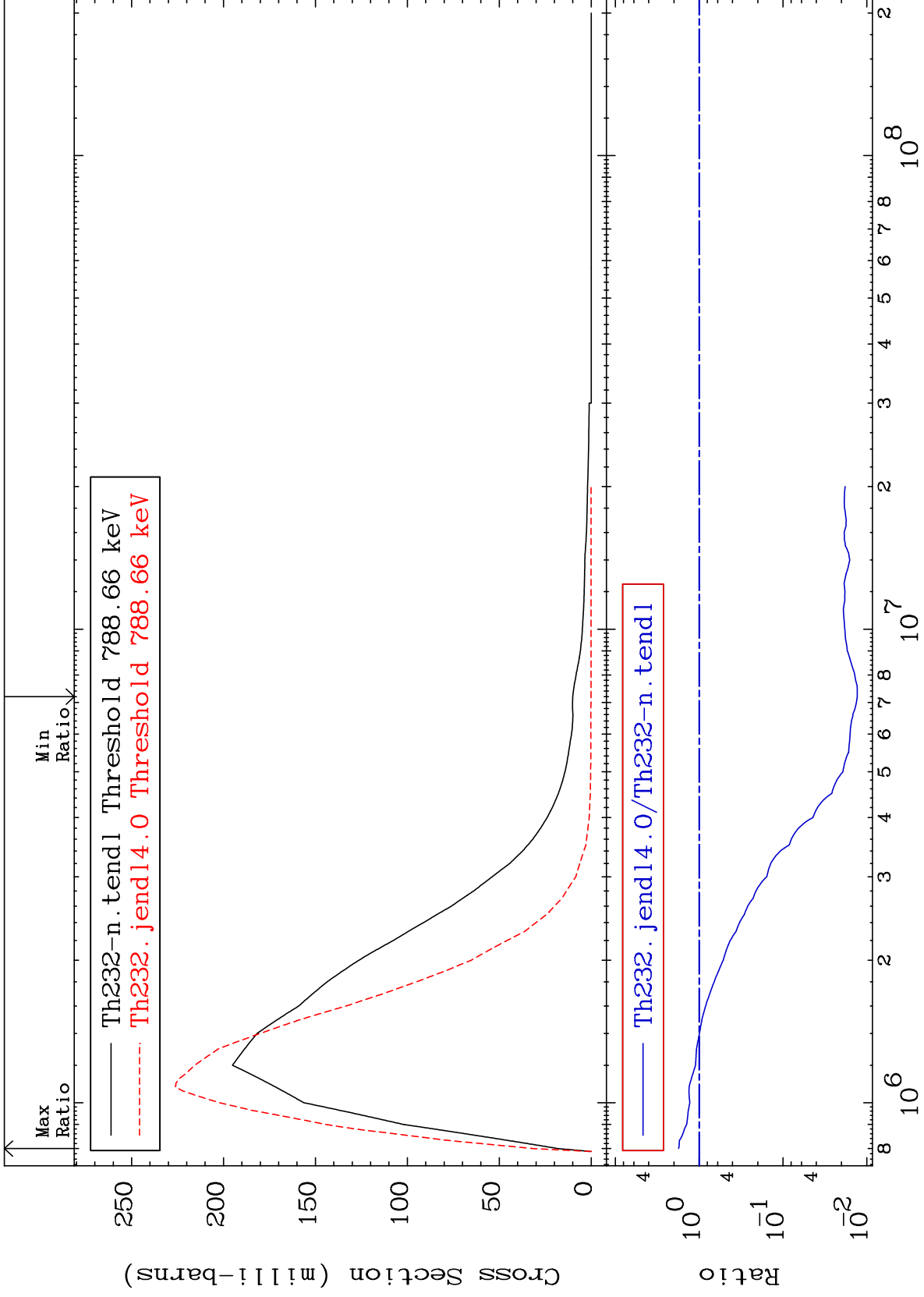
19

90-Th-232

MAT 9040

785.3 keV (n,n') Level  
Cross Section

90-Th-232  
-98.70 To 75.79 %



20

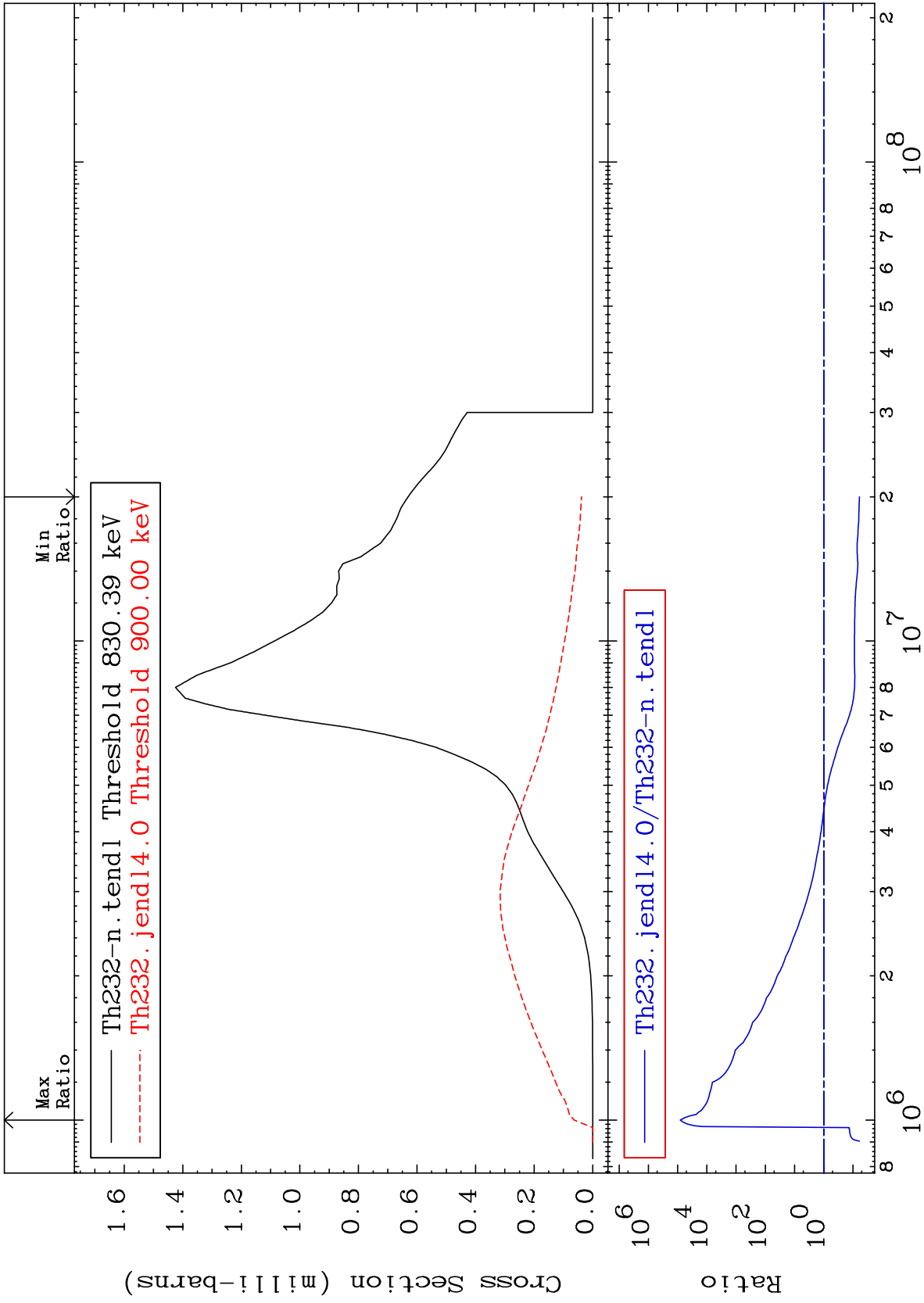
Incident Energy (eV)

90-Th-232

MAT 9040

826.8 keV (n,n') Level  
Cross Section

90-Th-232  
-94.01 To 9999. %



21

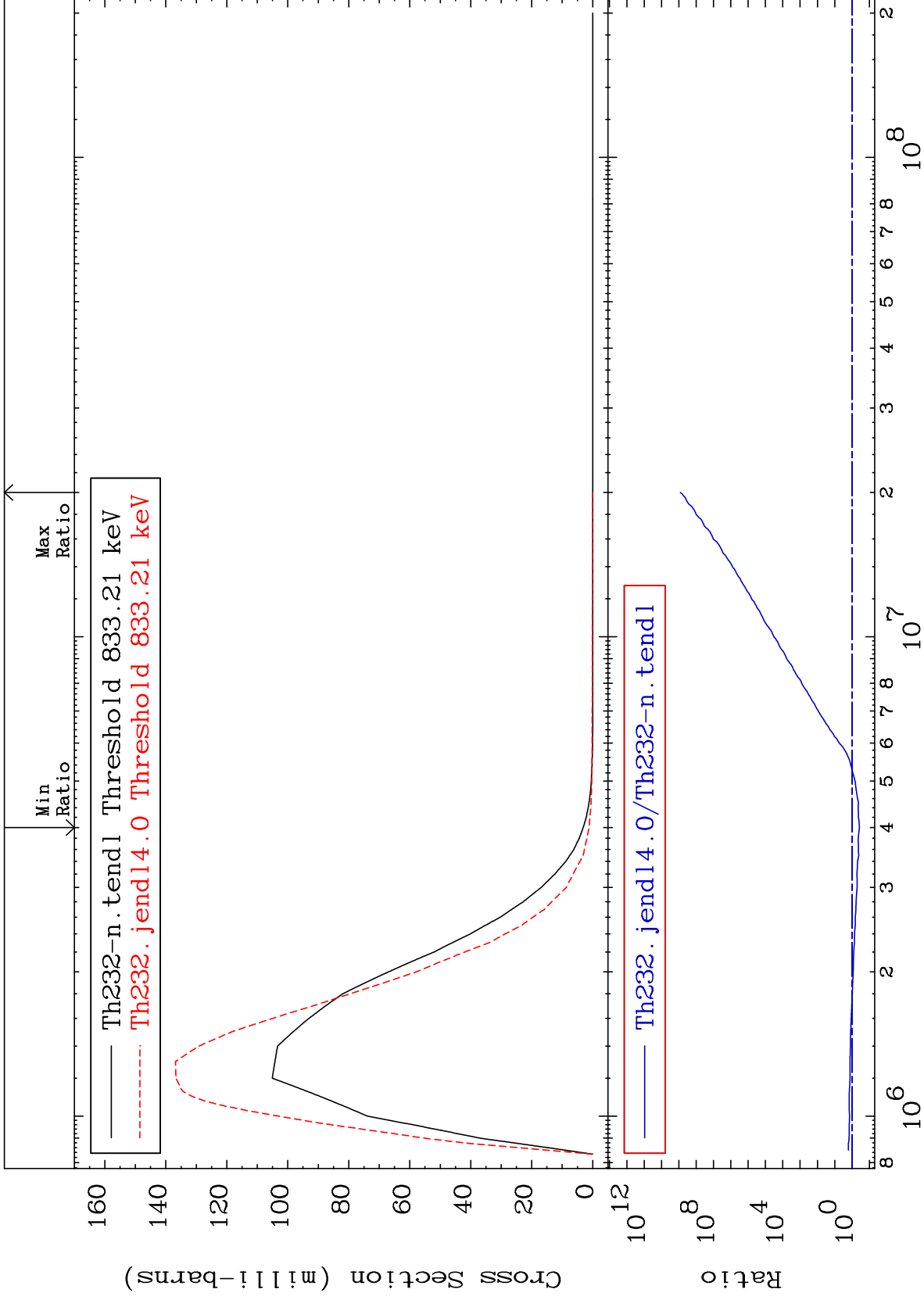
Incident Energy (eV)

90-Th-232

MAT 9040

829.6 keV (n,n') Level  
Cross Section

90-Th-232  
-62.38 To 9999. %



22

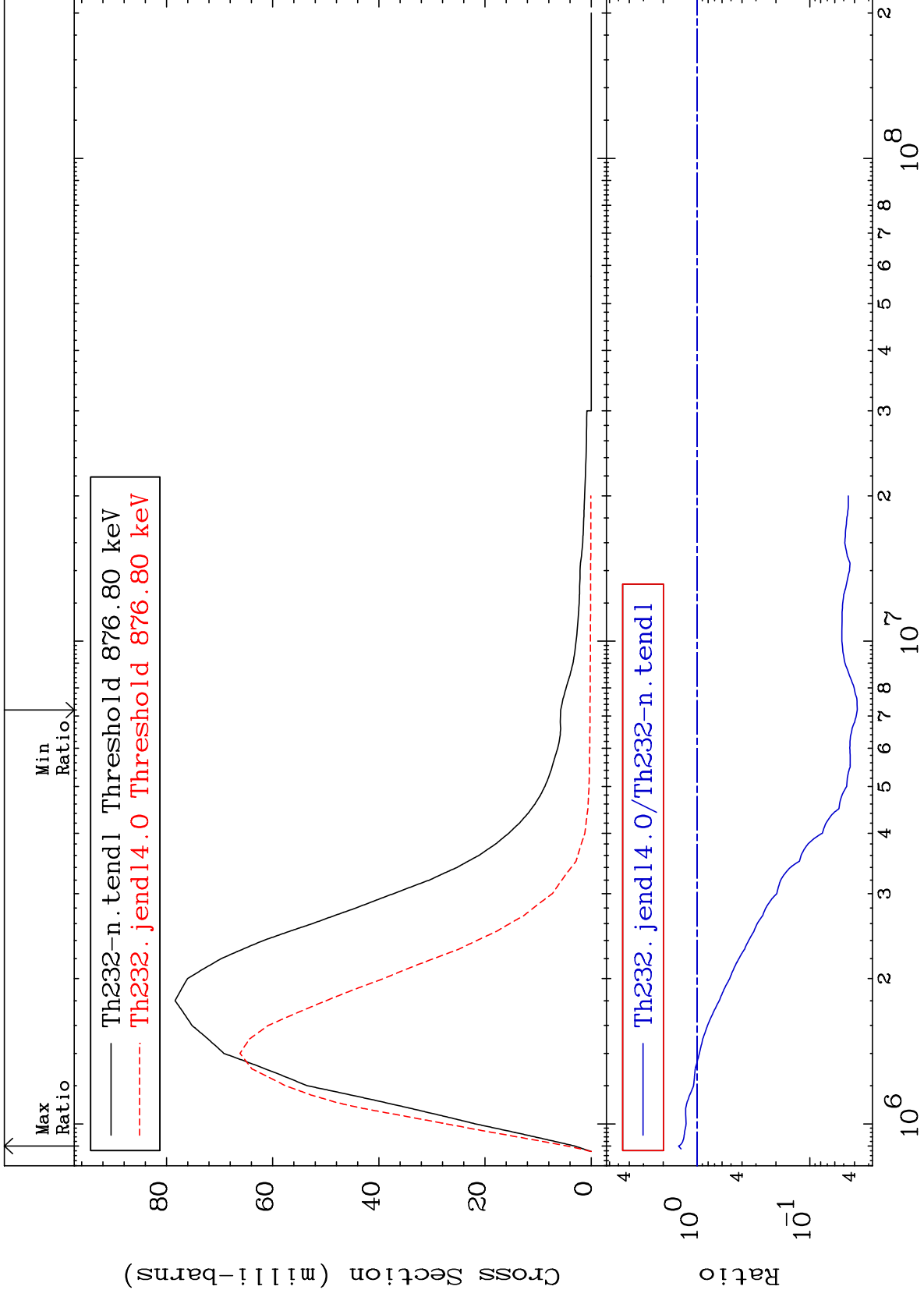
Incident Energy (eV)

90-Th-232

MAT 9040

873.0 keV (n,n') Level  
Cross Section

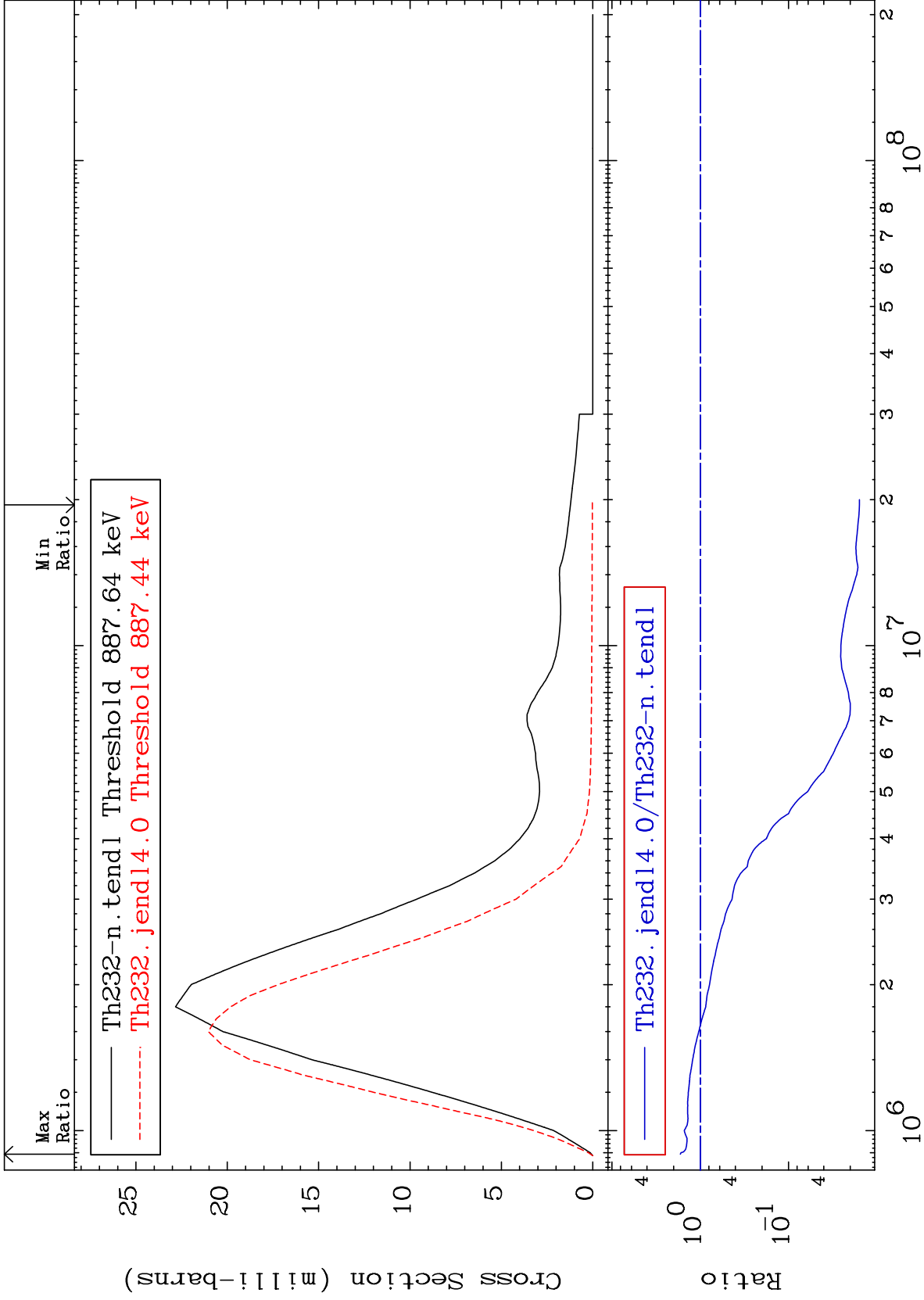
90-Th-232  
-96.21 To 46.08 %



MAT 9040

883.8 keV (n,n') Level  
Cross Section

90-Th-232  
-98.42 To 67.88 %



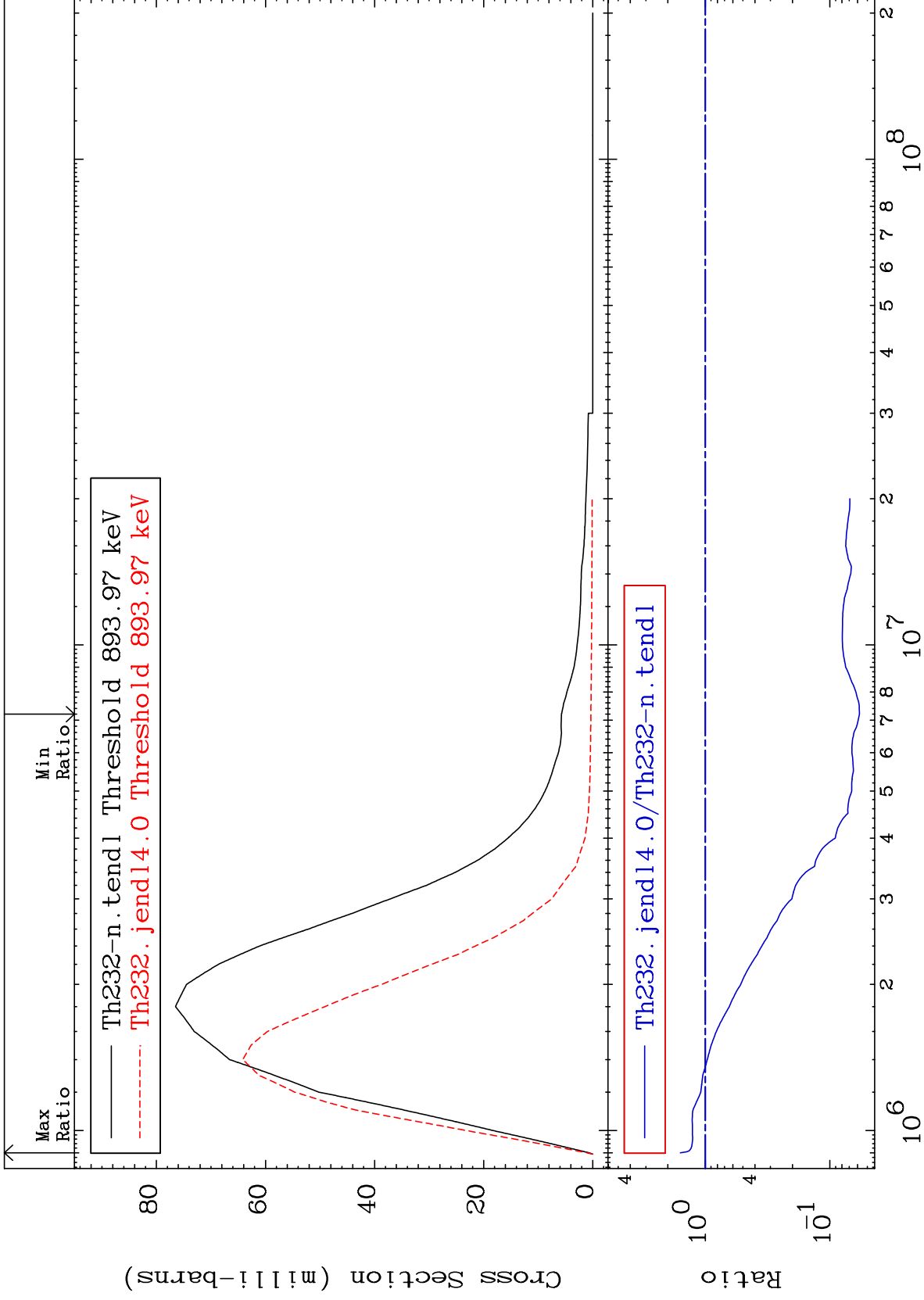
24

90-Th-232

MAT 9040

890.1 keV (n,n') Level  
Cross Section

90-Th-232  
-94.21 To 58.53 %



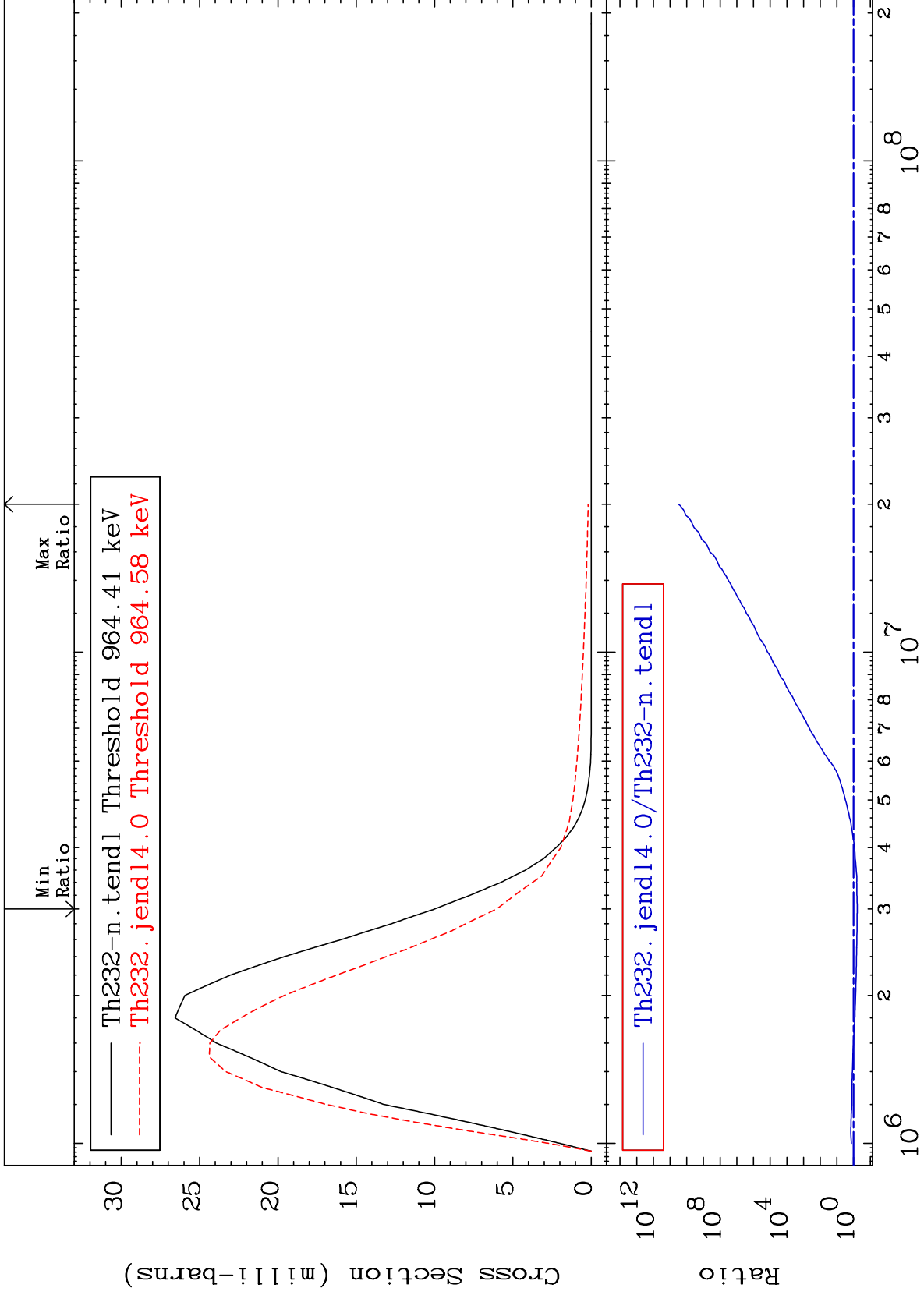
25

90-Th-232

MAT 9040

960.2 keV (n,n') Level  
Cross Section

90-Th-232  
-39.65 To 9999. %



26

Incident Energy (eV)

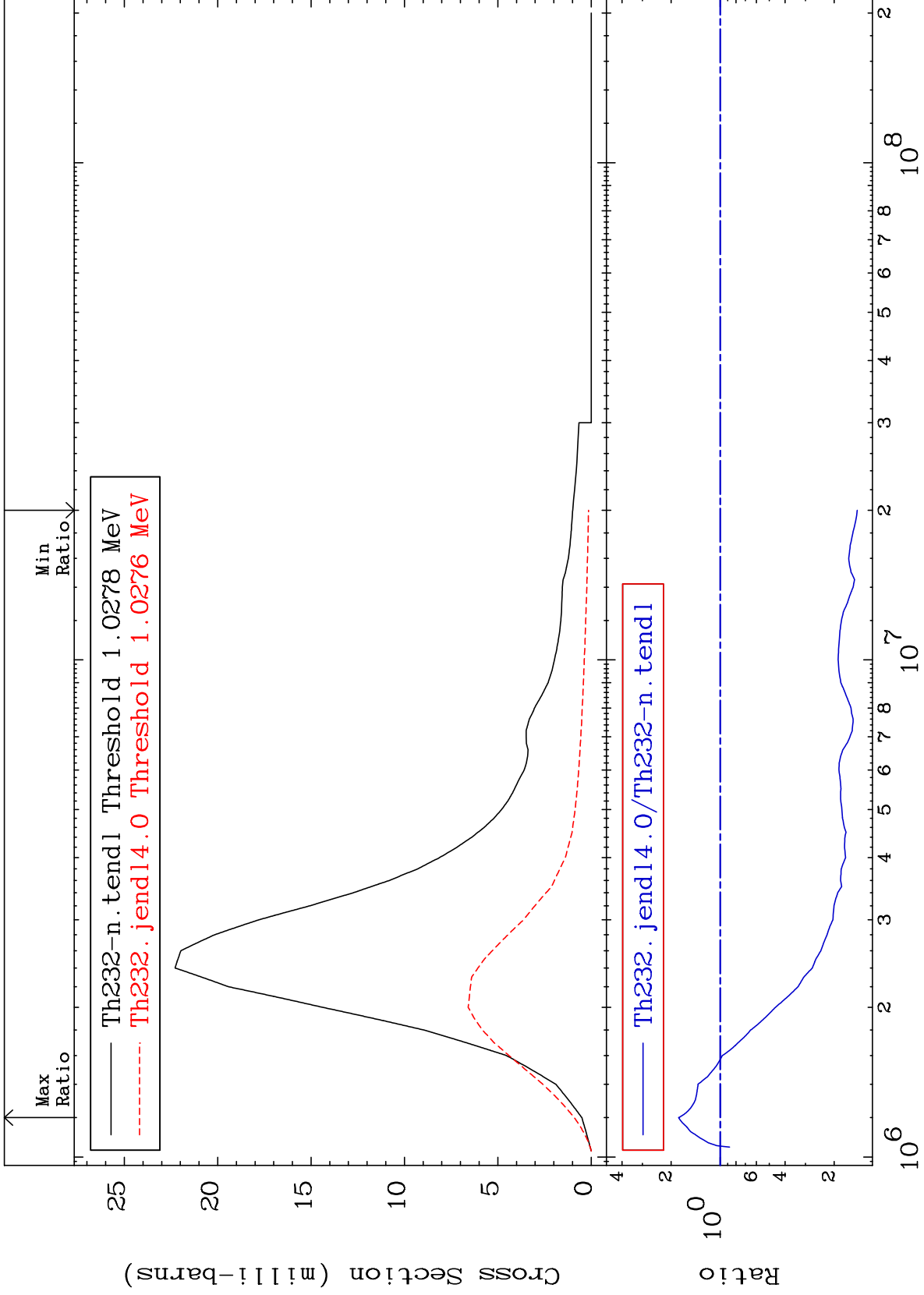
90-Th-232



MAT 9040

1.023 MeV (n,n') Level  
Cross Section

90-Th-232  
-85.58 To 79.74 %



27

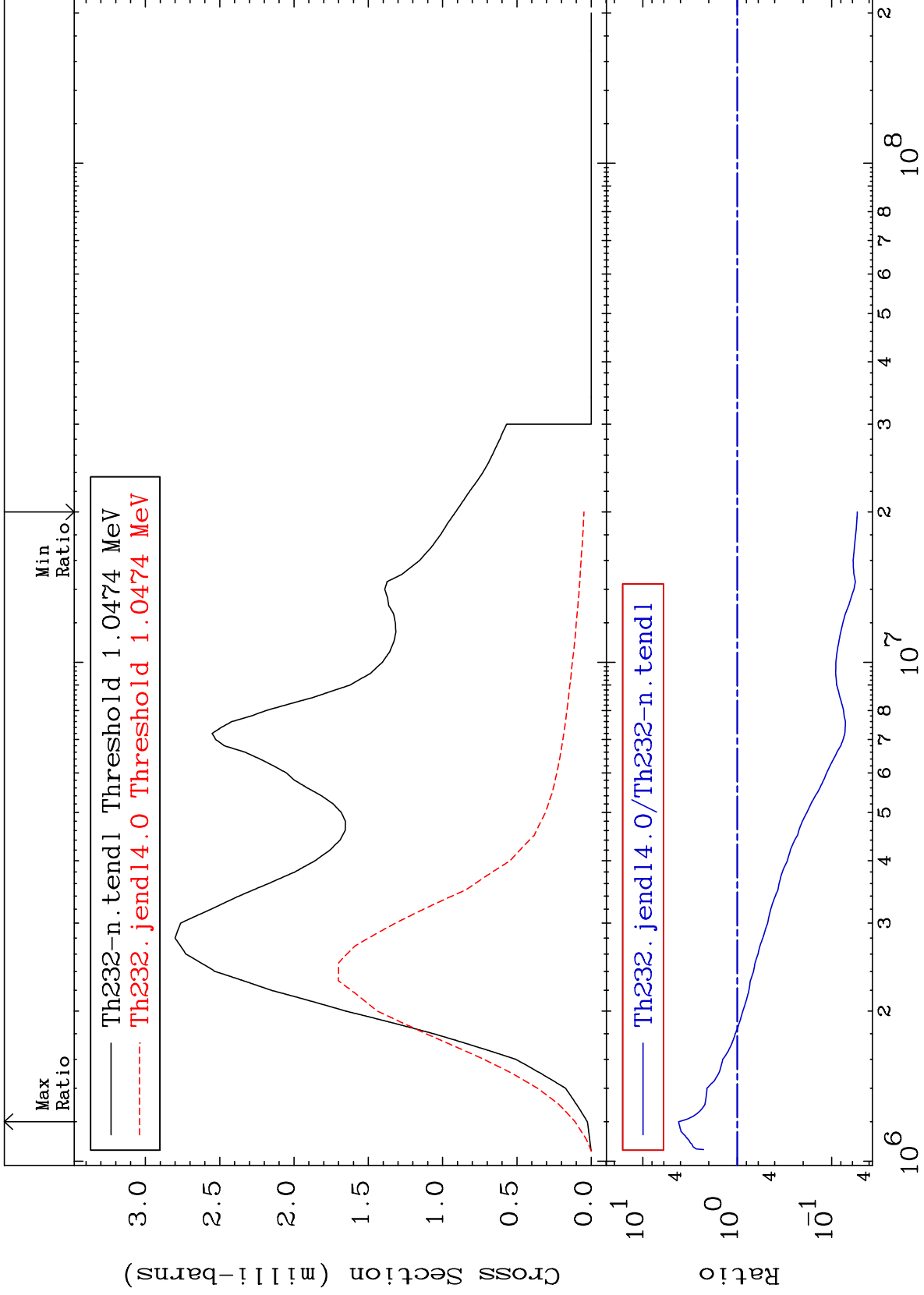
Incident Energy (eV)

90-Th-232

MAT 9040

1.043 MeV (n,n') Level  
Cross Section

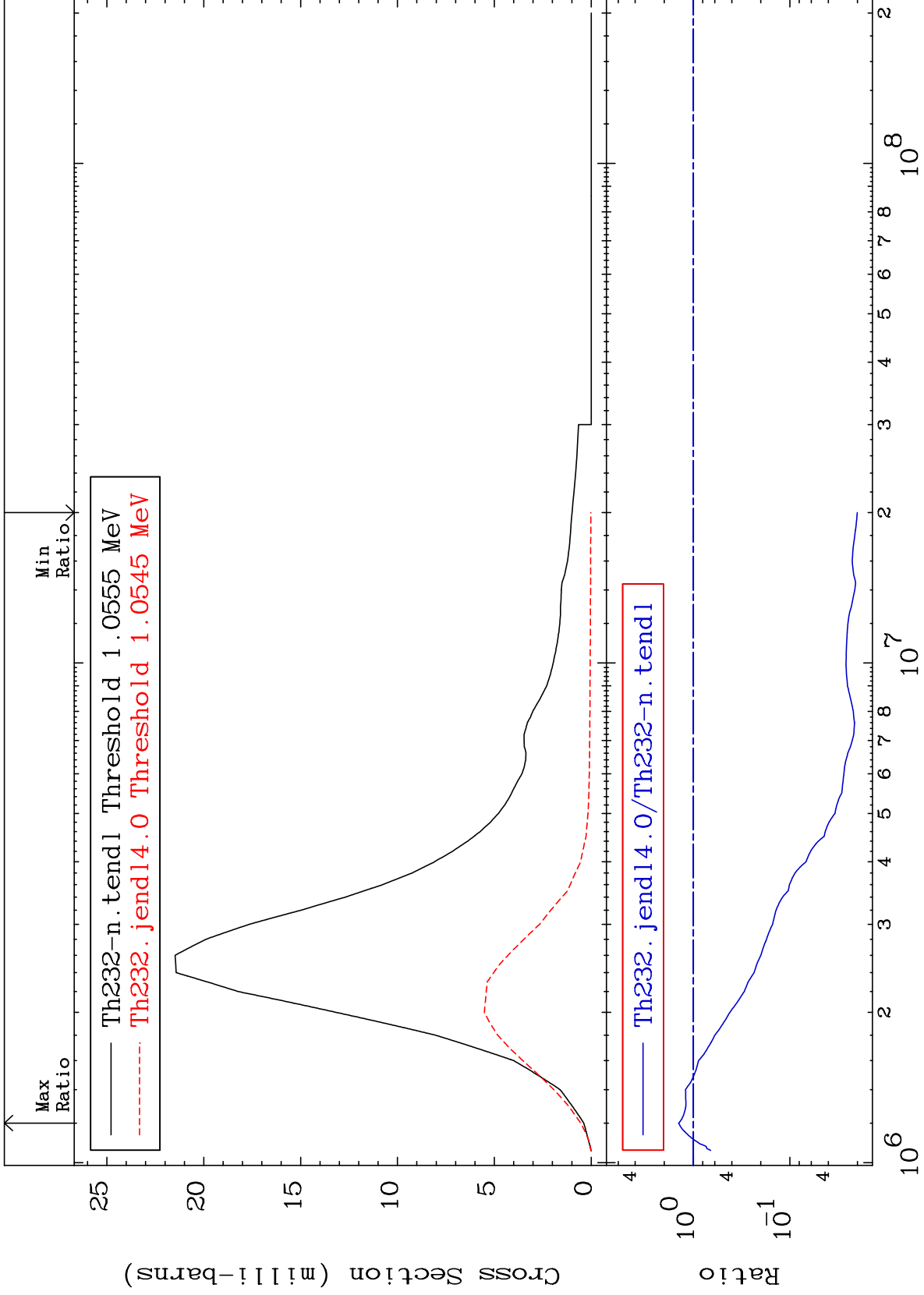
90-Th-232  
-94.65 To 317.4 %



MAT 9040

1.051 MeV (n,n') Level  
Cross Section

90-Th-232  
-97.99 To 42.01 %



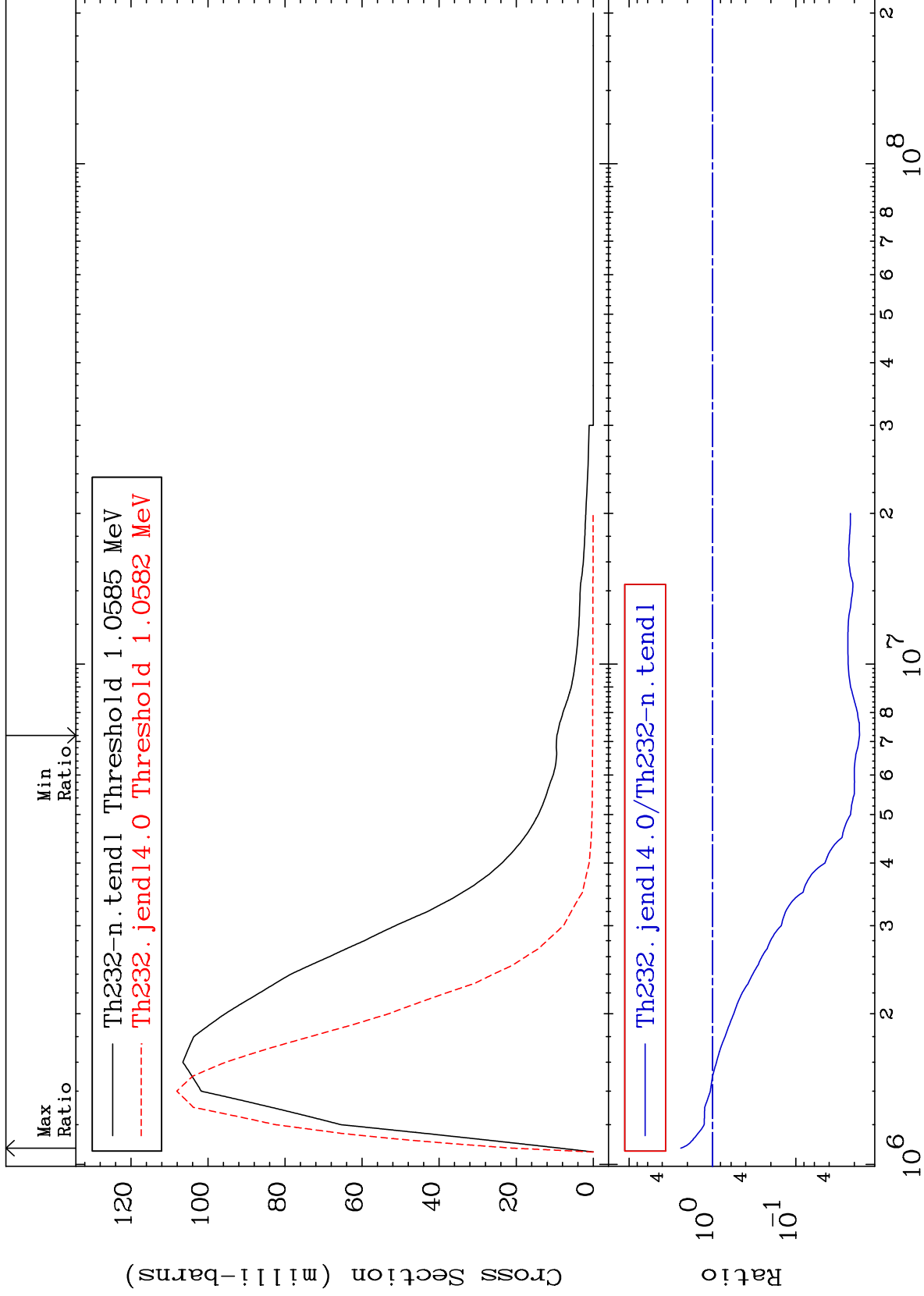
29

90-Th-232

MAT 9040

1.054 MeV (n,n') Level  
Cross Section

90-Th-232  
-98.27 To 140.0 %



Incident Energy (eV)

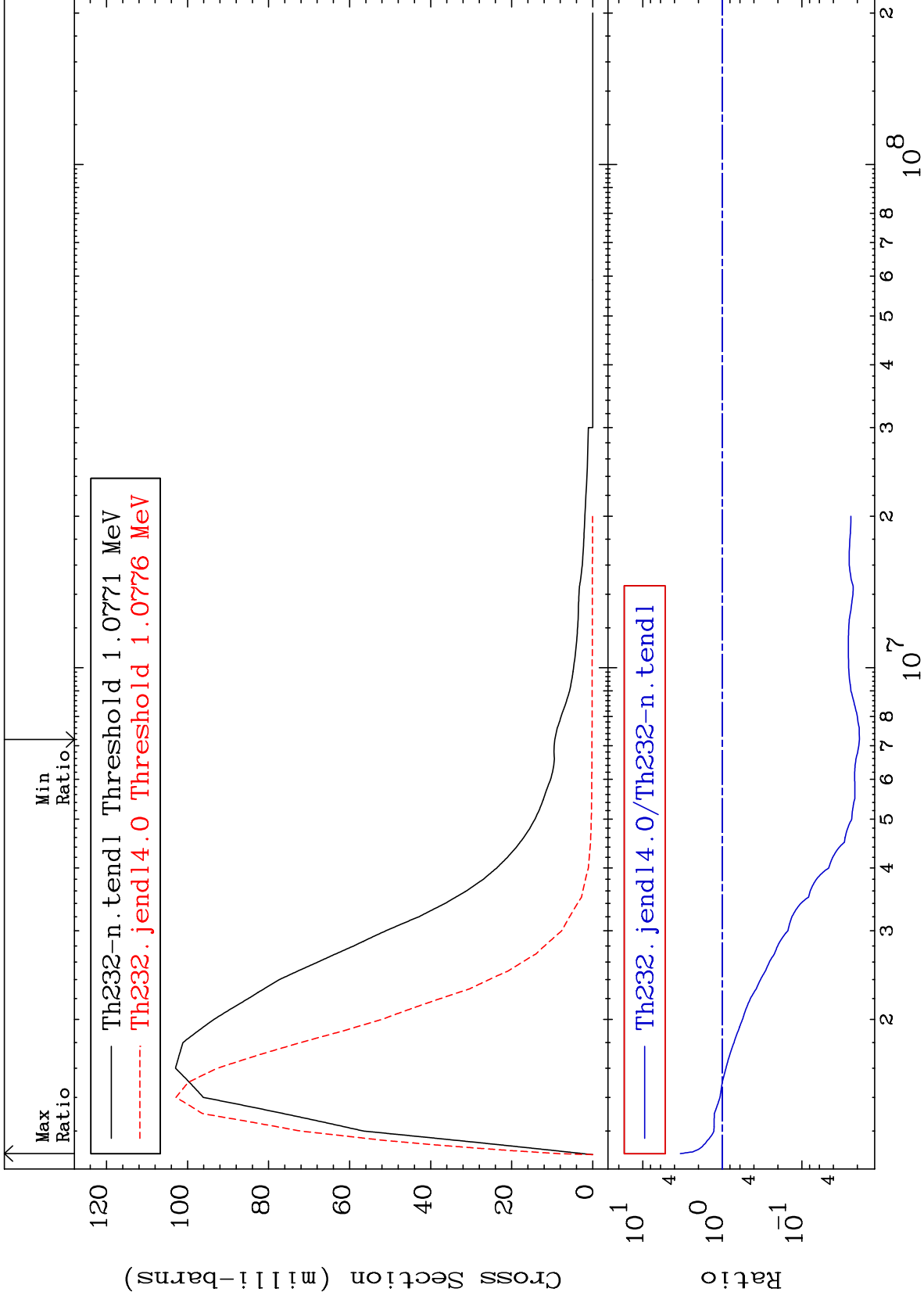
30

90-Th-232

MAT 9040

1.072 MeV (n,n') Level  
Cross Section

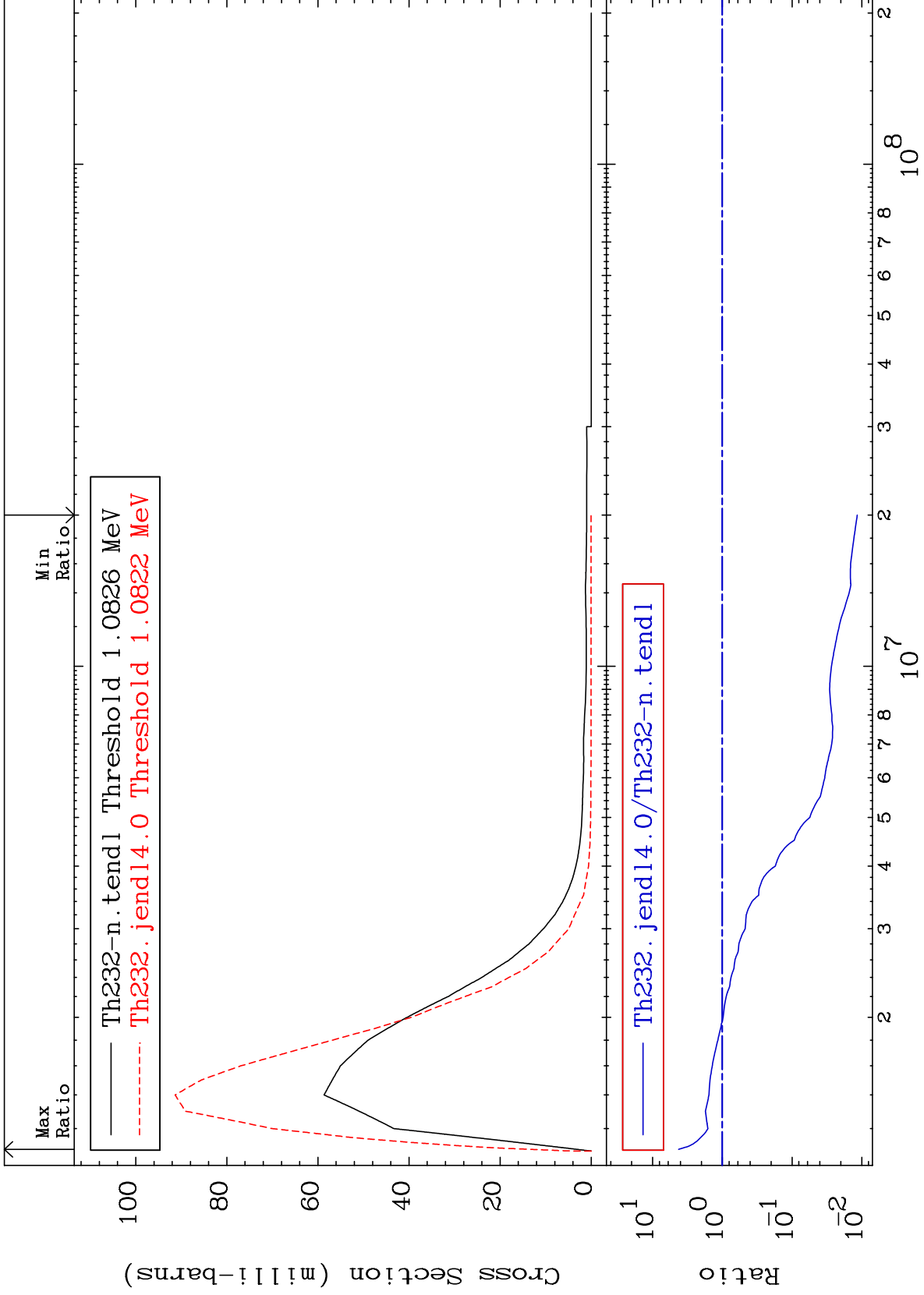
90-Th-232  
-98.12 To 236.9 %



MAT 9040

1.078 MeV (n,n') Level  
Cross Section

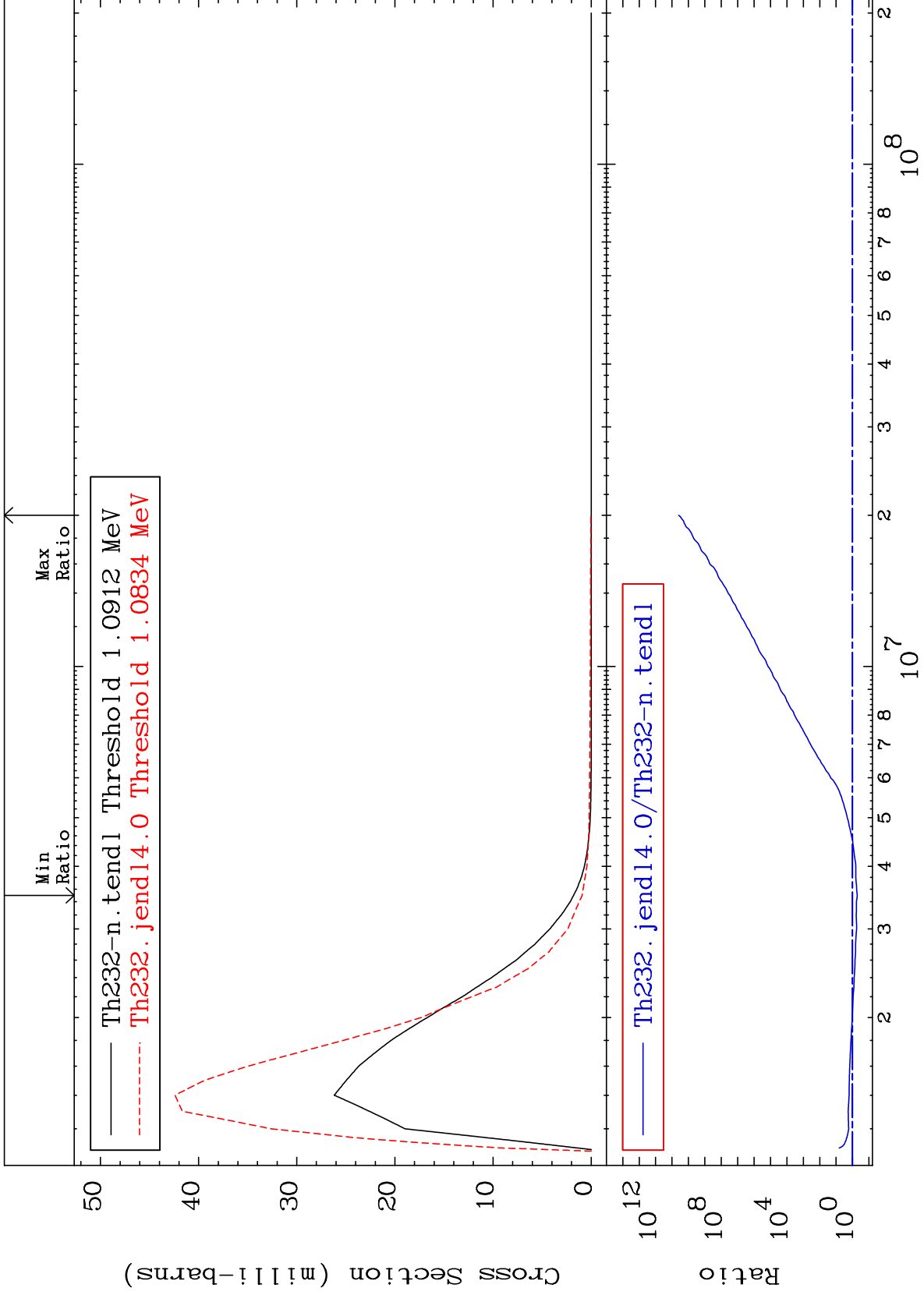
90-Th-232  
-98.84 To 323.9 %



MAT 9040

1.087 MeV (n,n') Level  
Cross Section

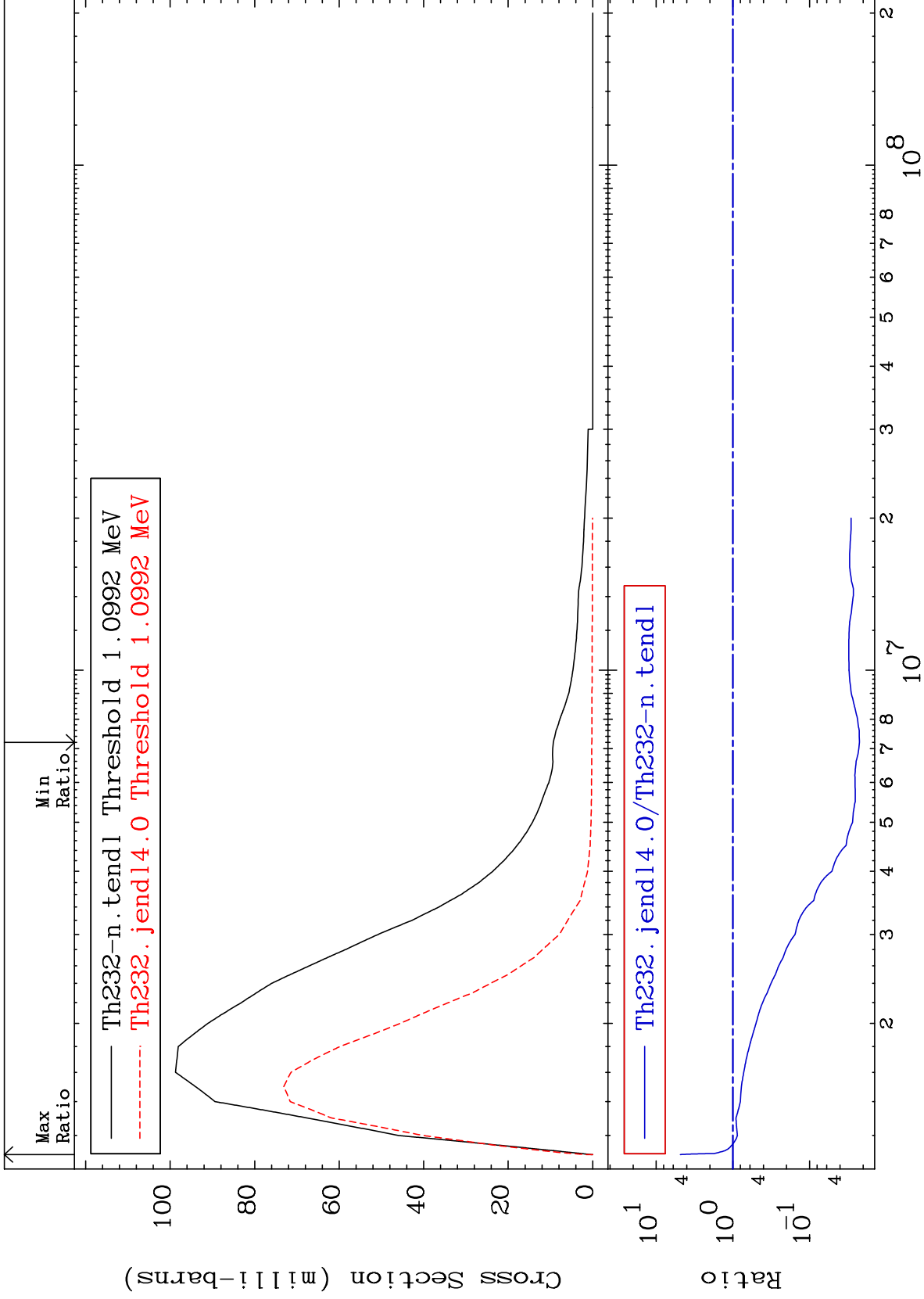
90-Th-232  
-48.47 To 9999. %



MAT 9040

1.094 MeV (n,n') Level  
Cross Section

90-Th-232  
-97.76 To 384.6 %

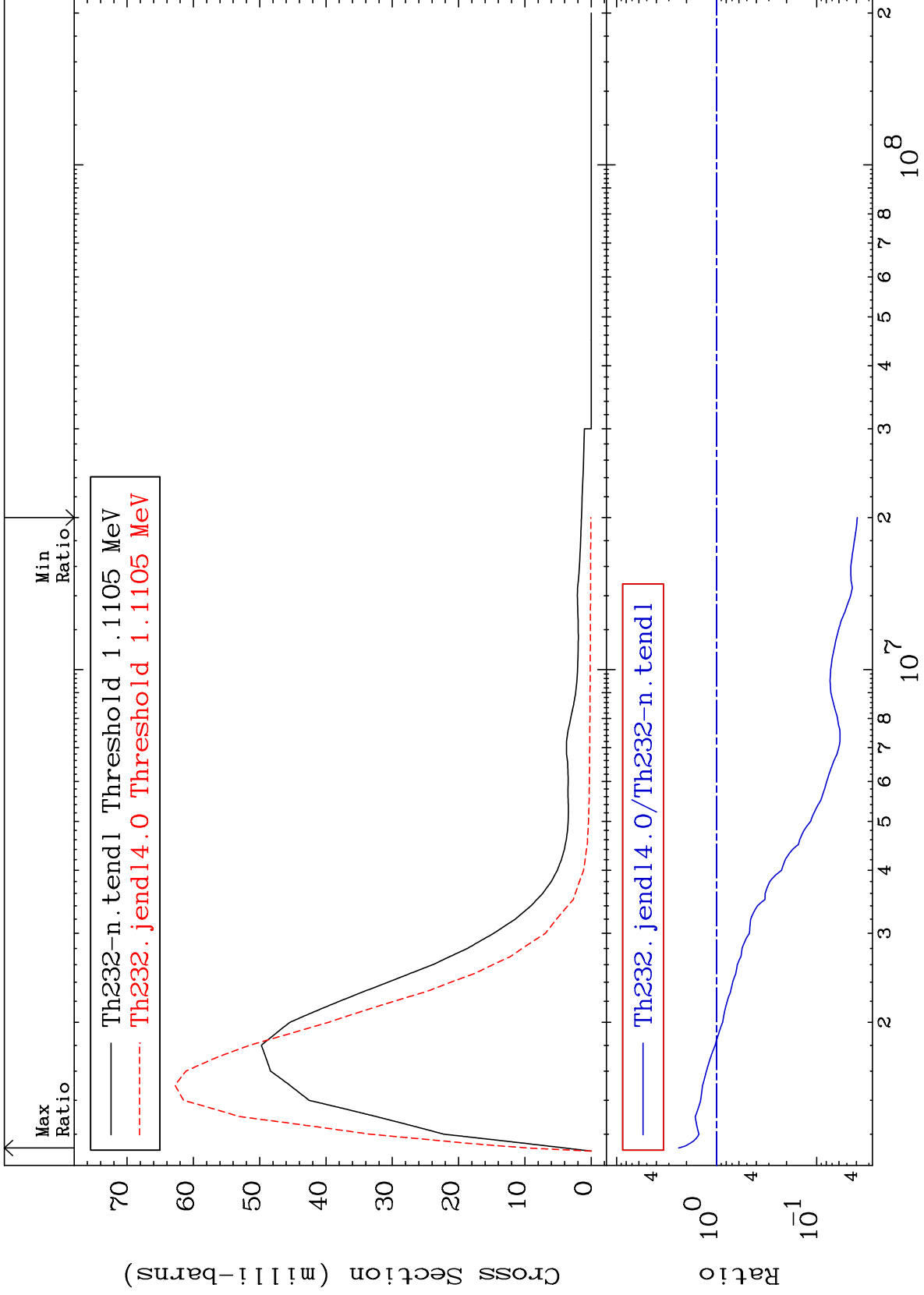




MAT 9040

1.106 MeV (n,n') Level  
Cross Section

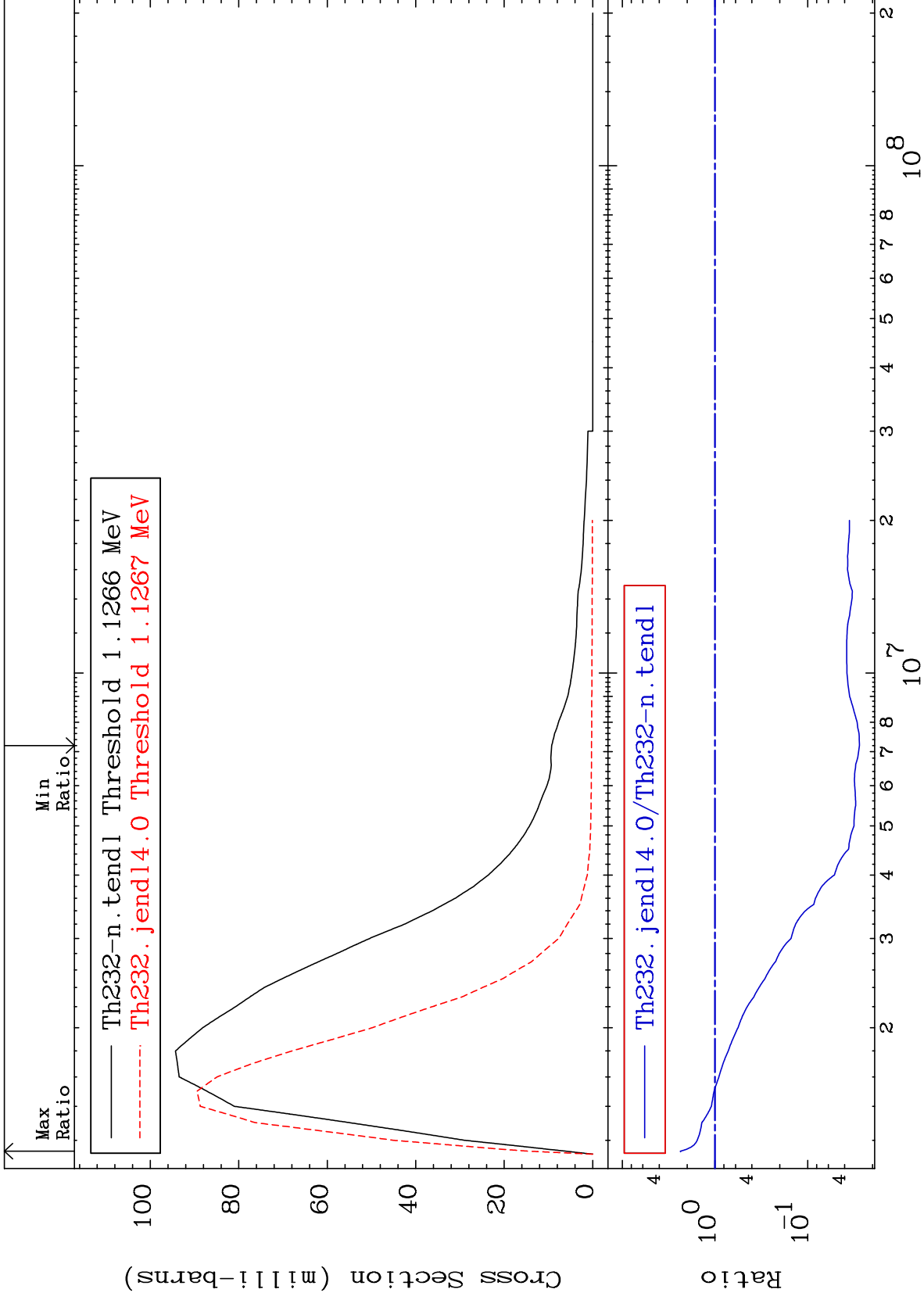
90-Th-232  
-96.07 To 139.7 %



MAT 9040

1.122 MeV (n,n') Level  
Cross Section

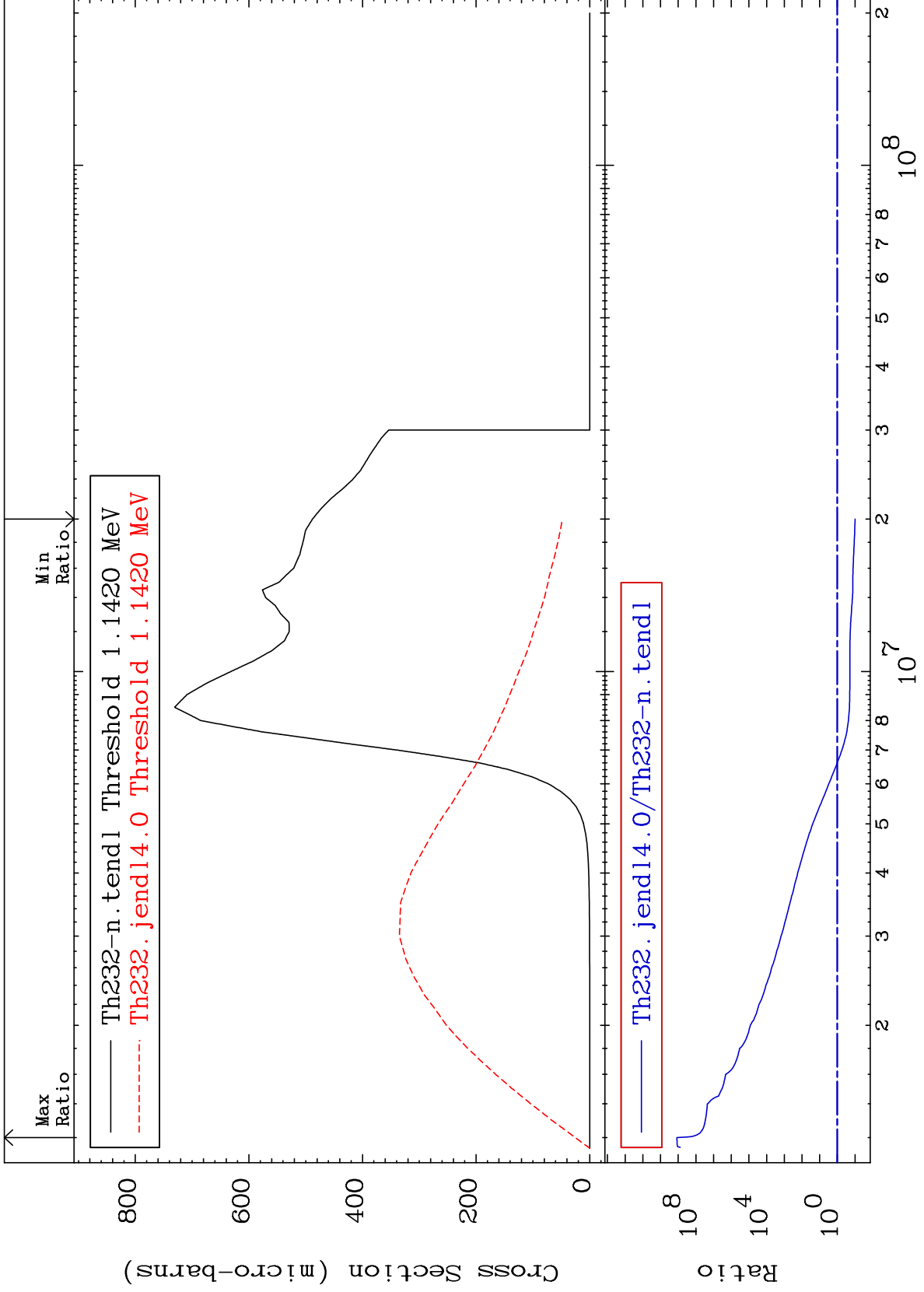
90-Th-232  
-97.23 To 136.4 %



MAT 9040

1.137 MeV (n,n') Level  
Cross Section

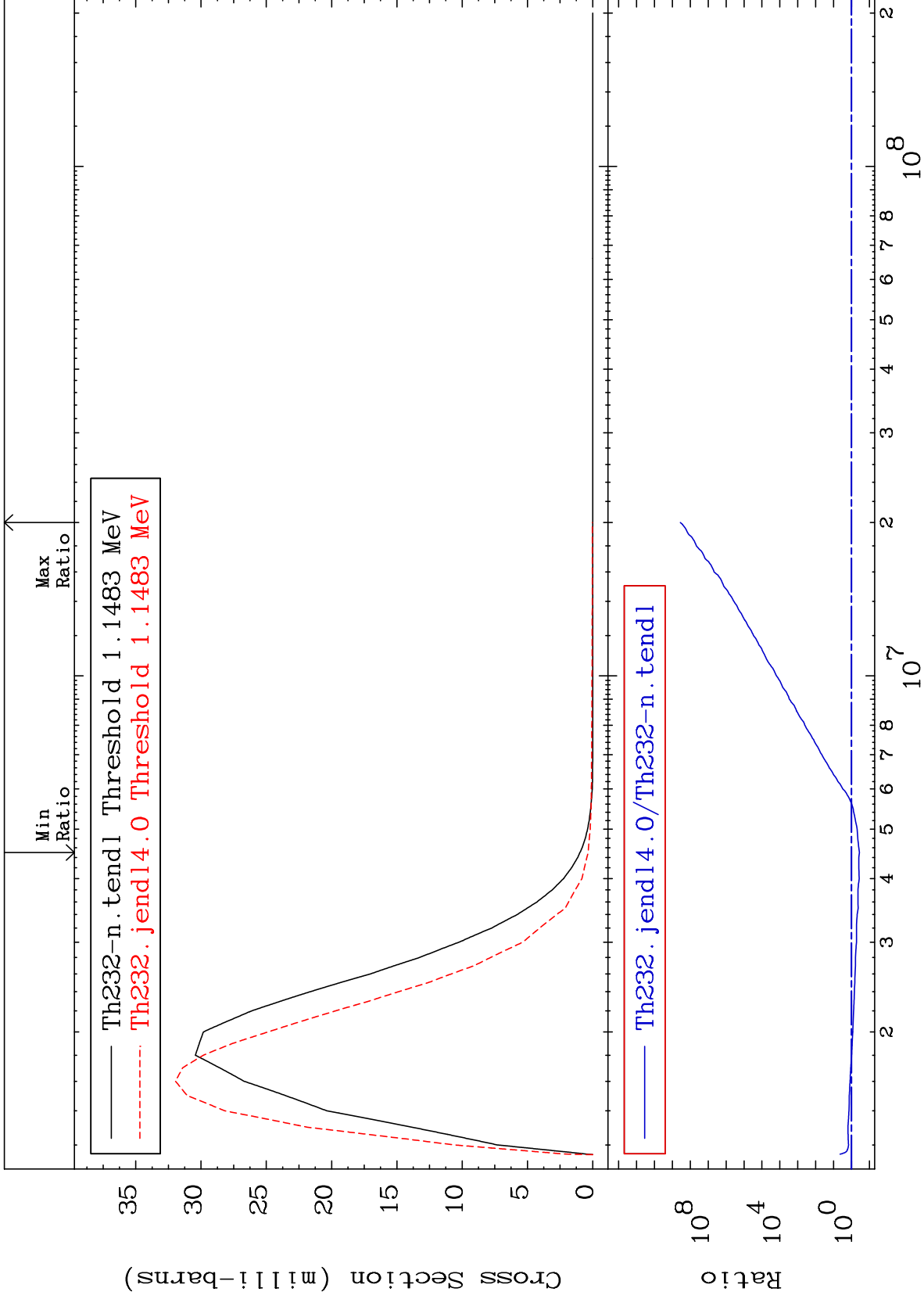
90-Th-232  
-90.08 To 9999. %



MAT 9040

1.143 MeV (n,n') Level  
Cross Section

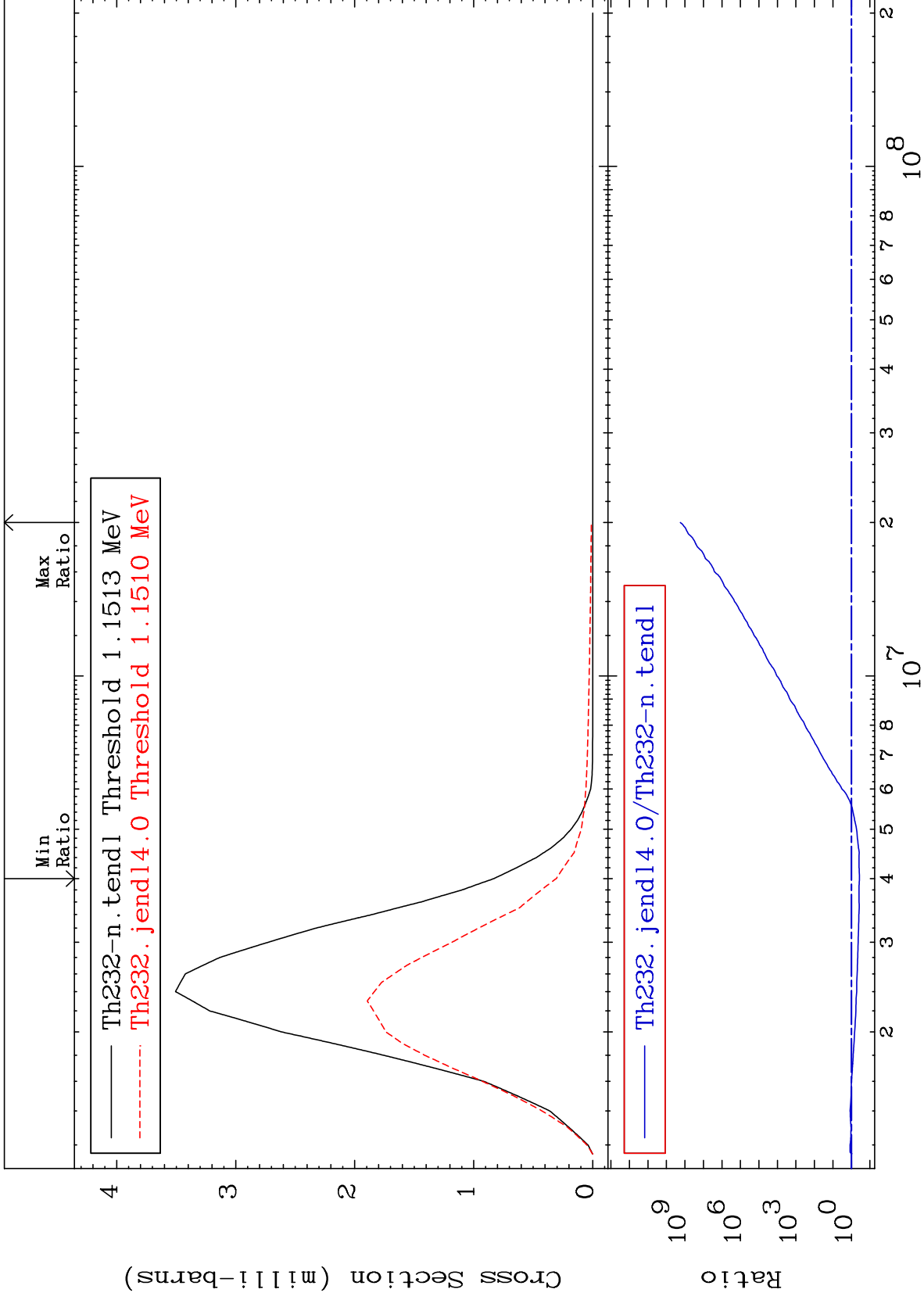
90-Th-232  
-64.19 To 9999. %



MAT 9040

1.146 MeV (n,n') Level  
Cross Section

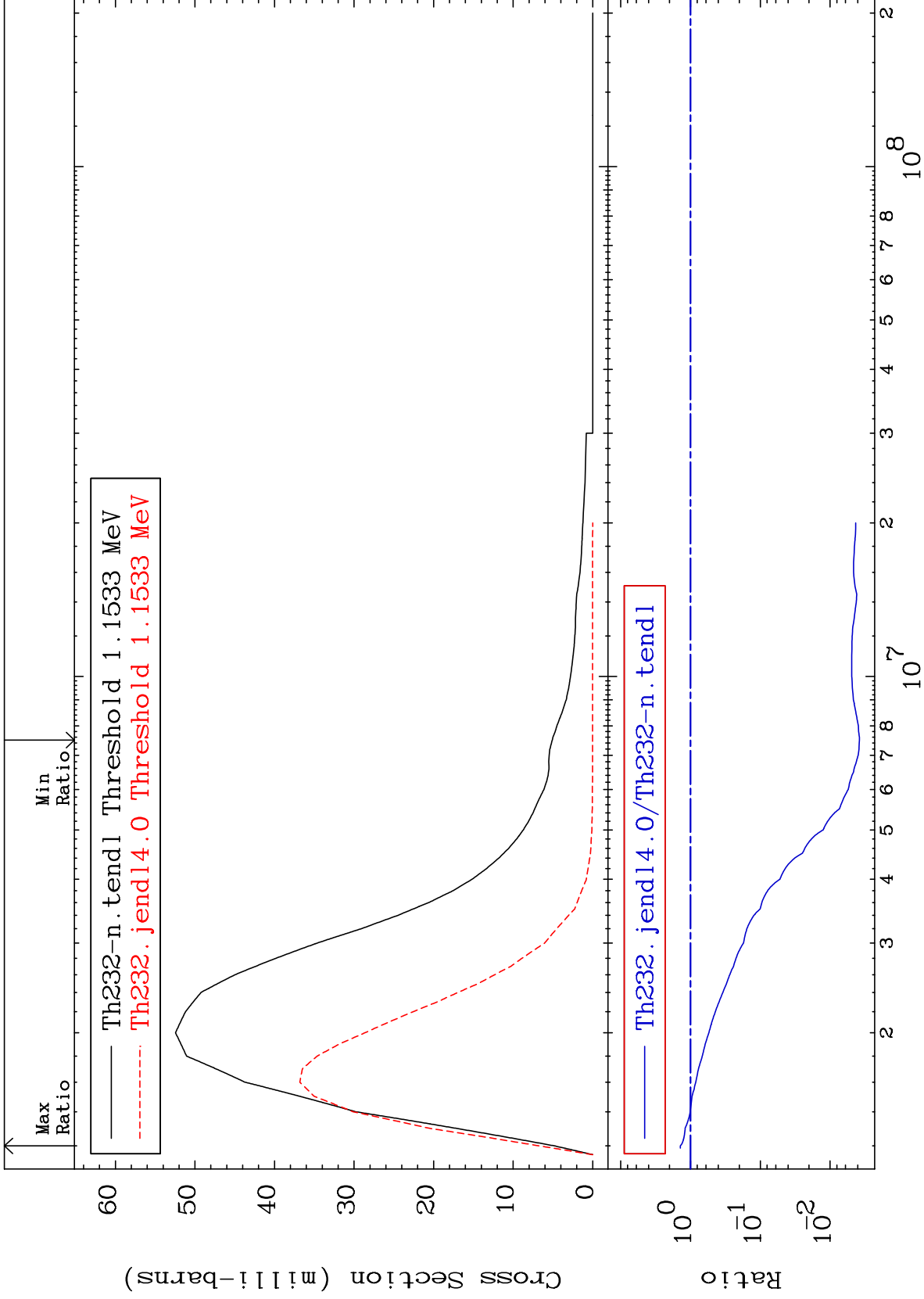
90-Th-232  
-63.06 To 9999. %



MAT 9040

1.148 MeV (n,n') Level  
Cross Section

90-Th-232  
-99.62 To 39.91 %



40

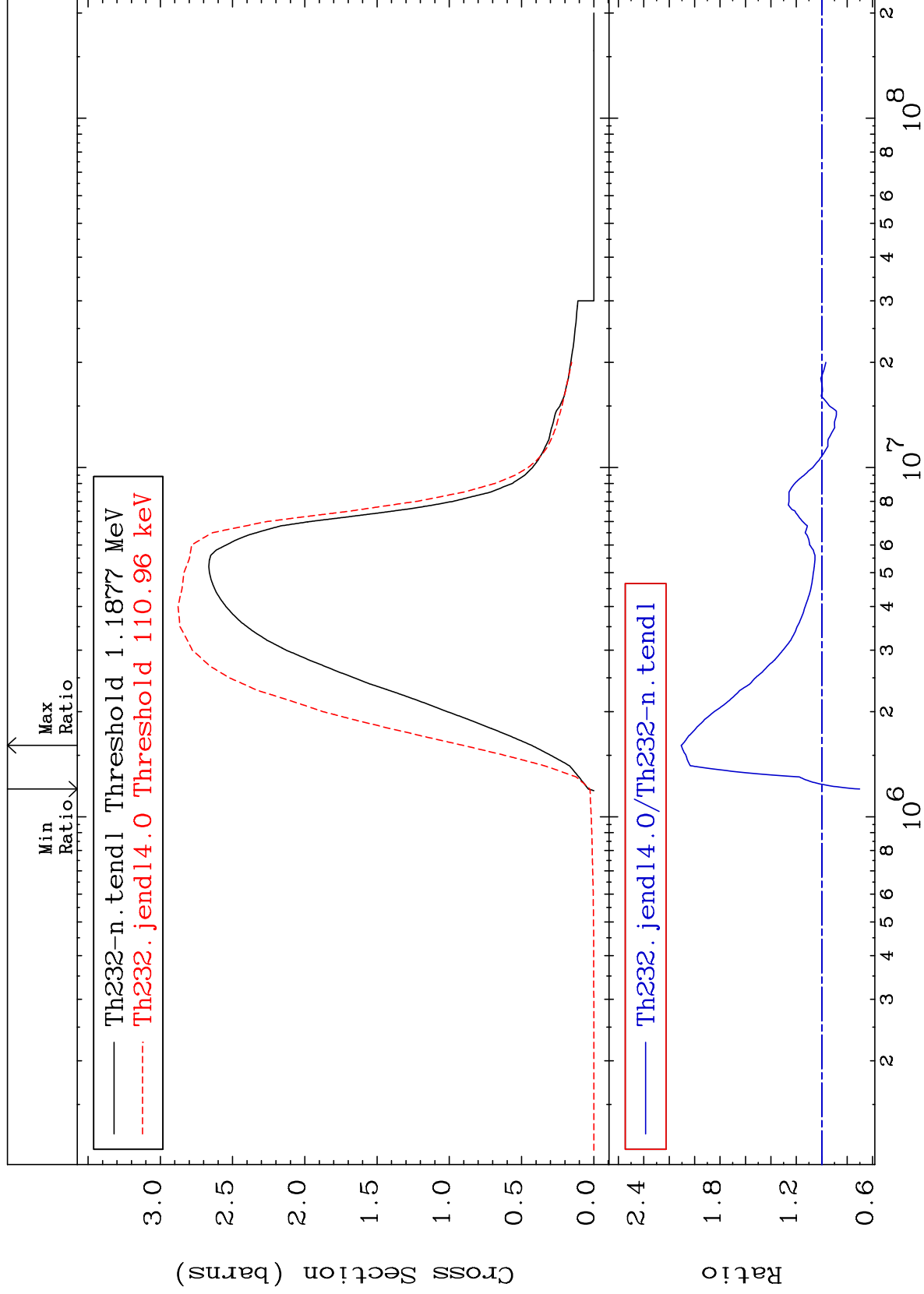
Incident Energy (eV)

90-Th-232

MAT 9040

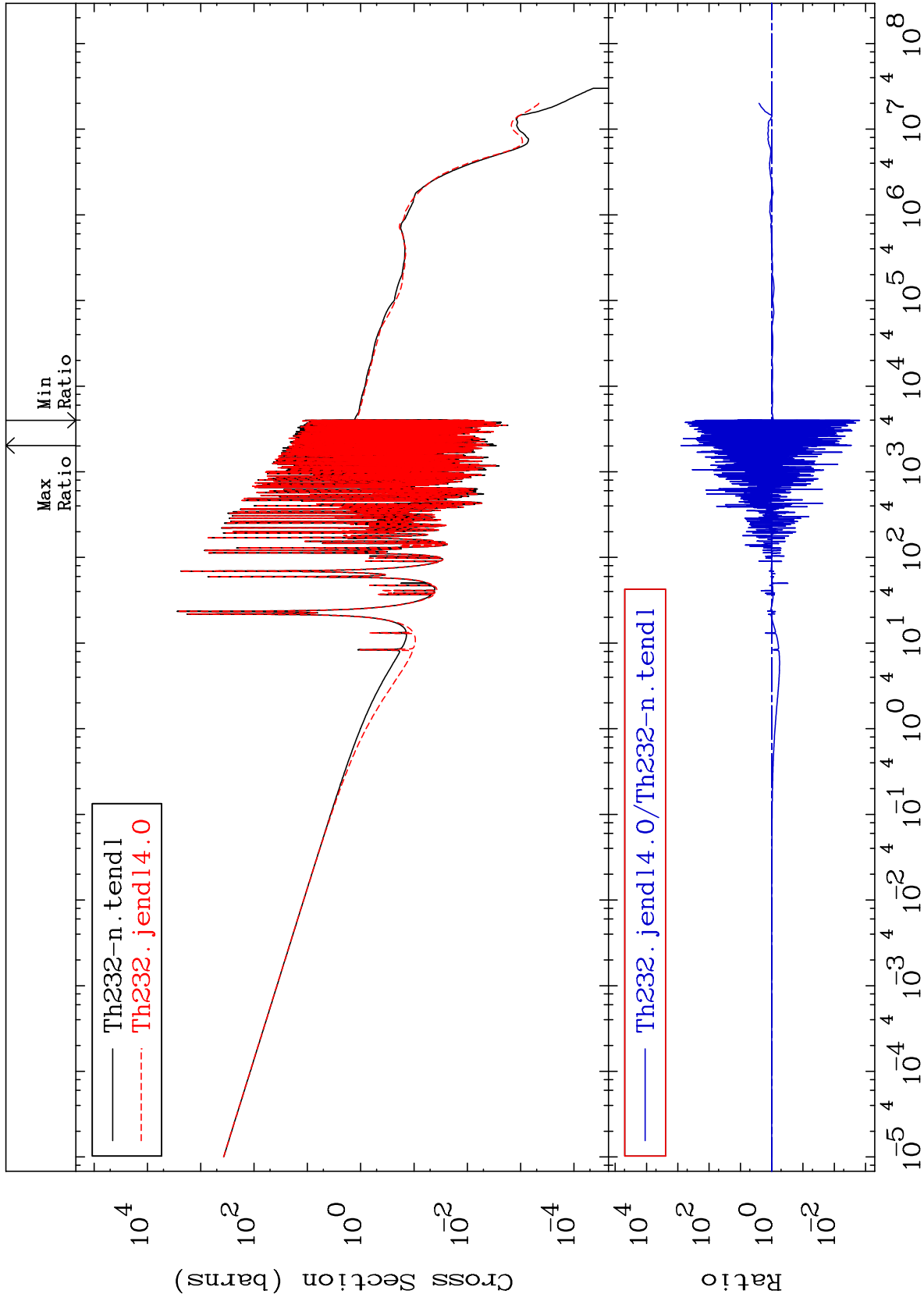
(n, n') Continuum  
Cross Section

90-Th-232  
-29.83 To 110.6 %



MAT 9040

(n,  $\gamma$ )  
Cross Section  
90-Th-232  
-99.84 To 9999. %





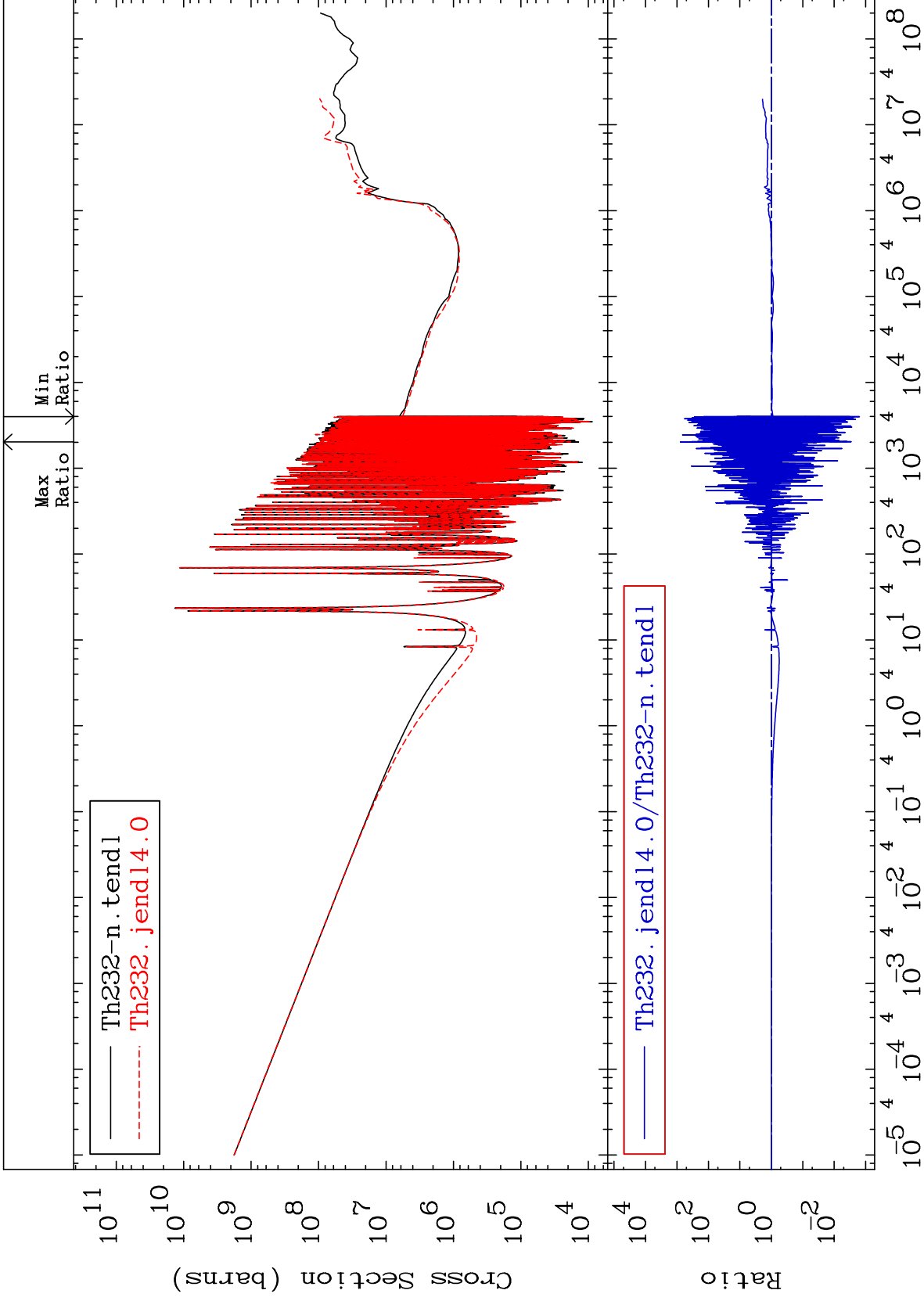
MAT 9040

Kerma total (eV-barns)

90-Th-232

Cross Section

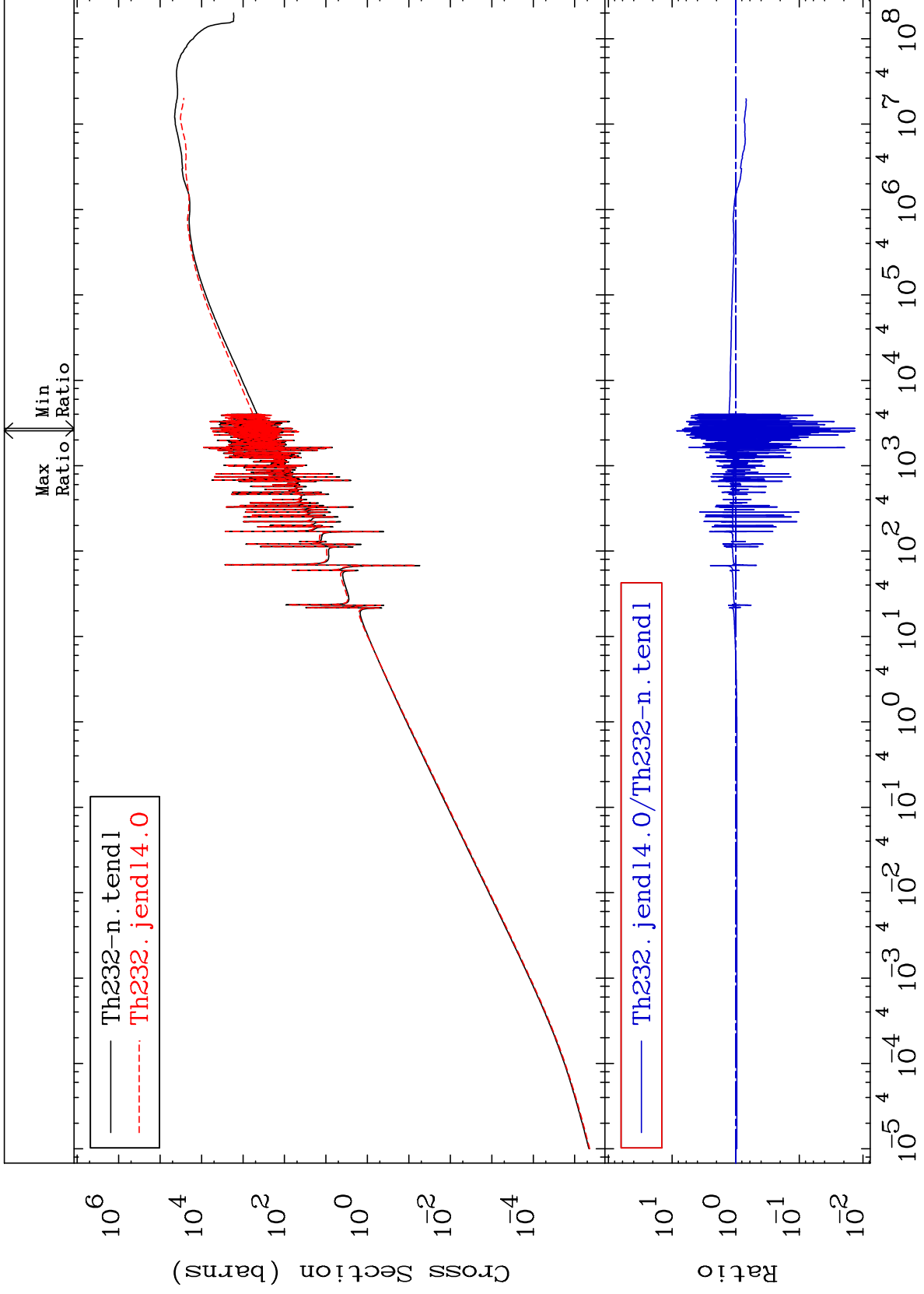
-99.84 To 9999. %

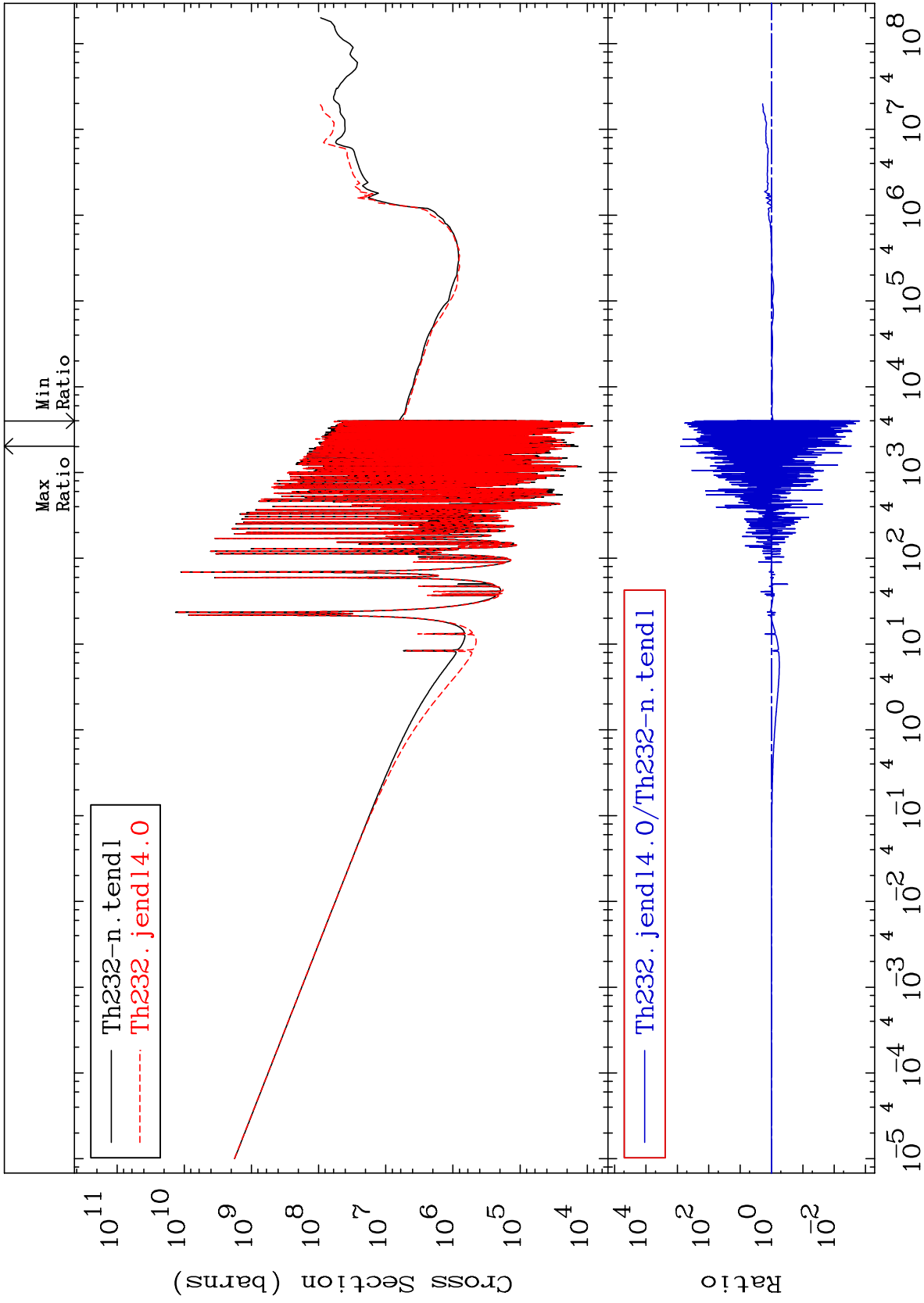


MAT 9040

Kerma elastic  
Cross Section

90-Th-232  
-98.67 To 738.7 %

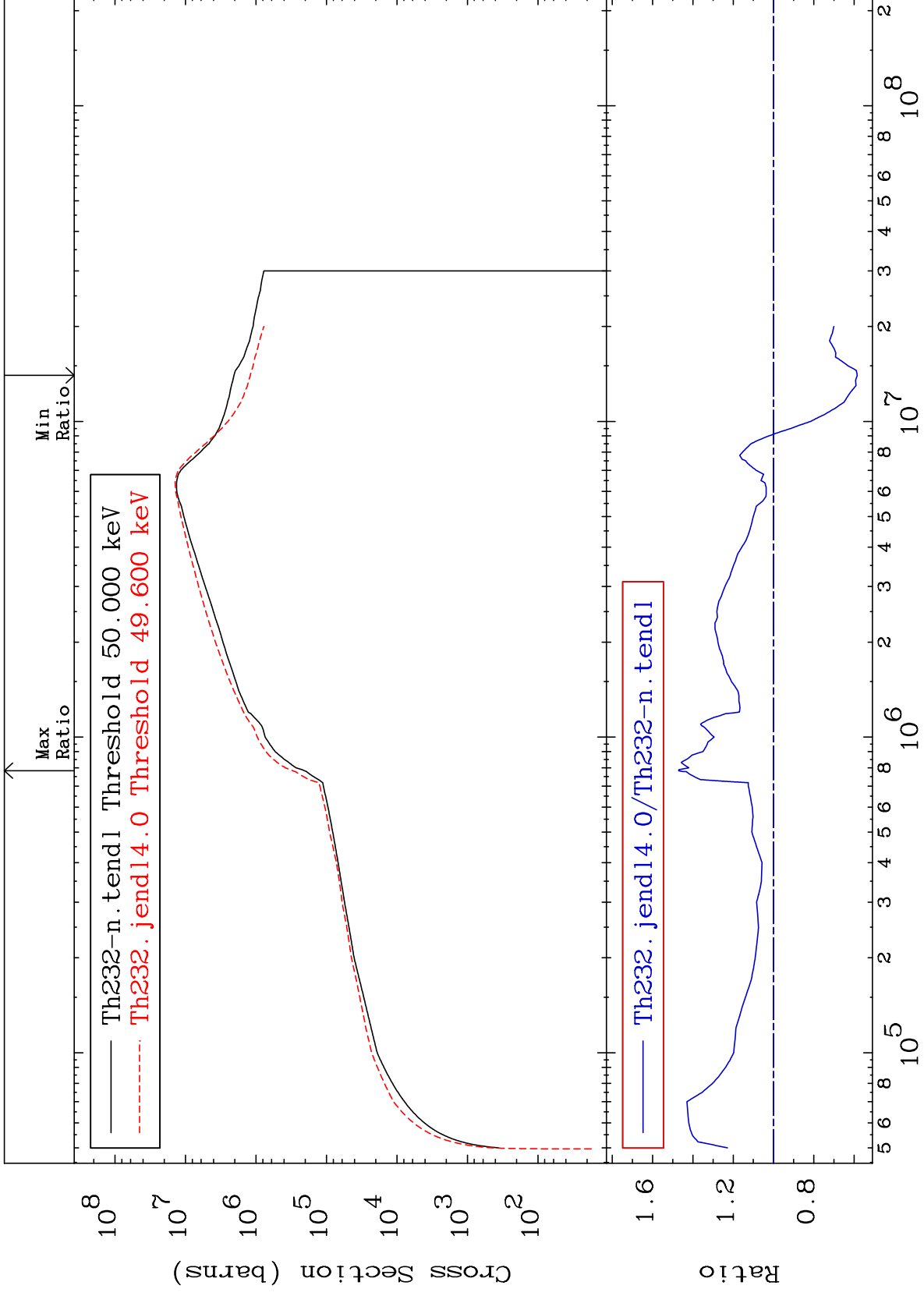




MAT 9040

Kerma inelastic (mt51-91)  
Cross Section

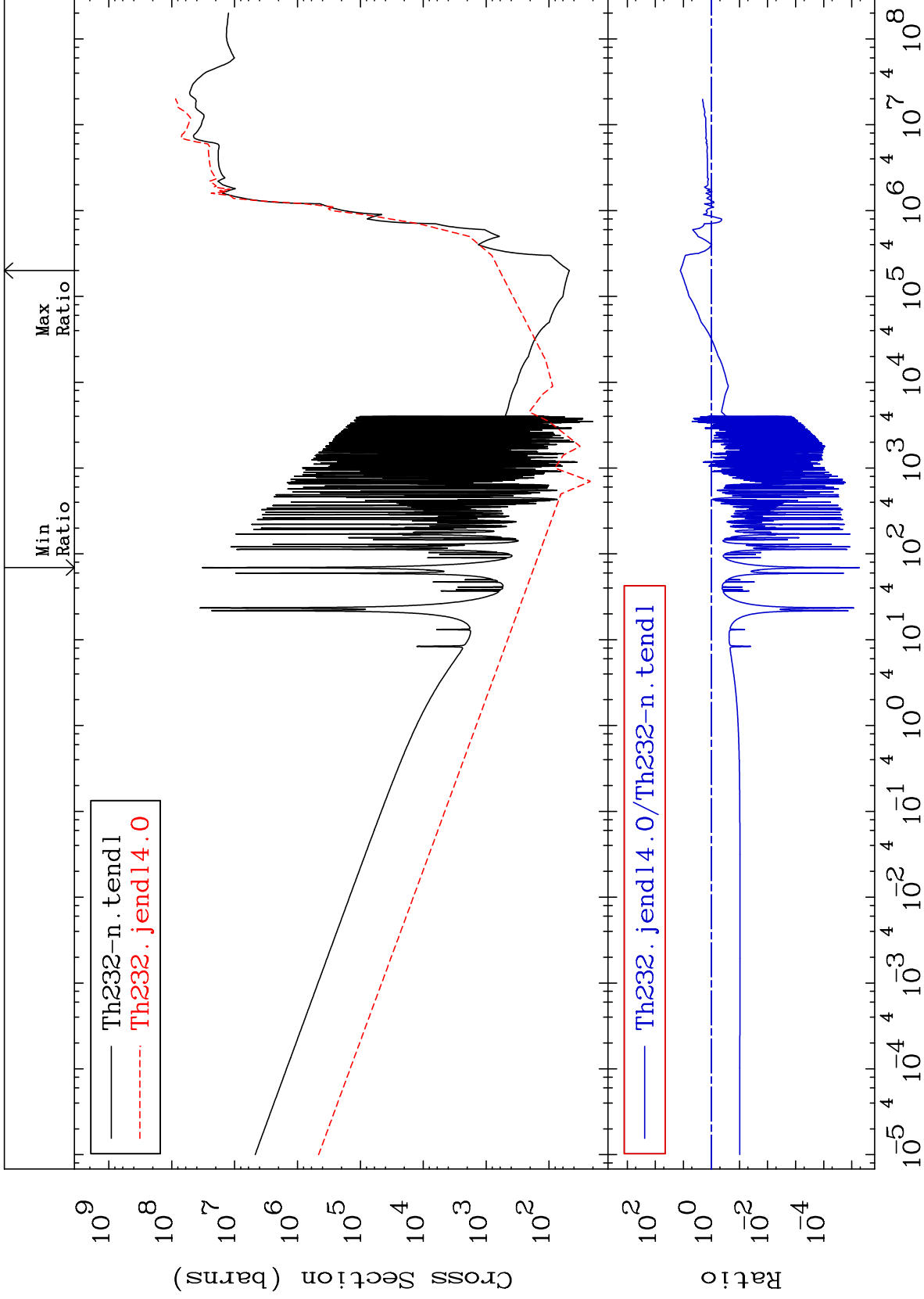
90-Th-232  
-41.55 To 47.07 %



MAT 9040

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

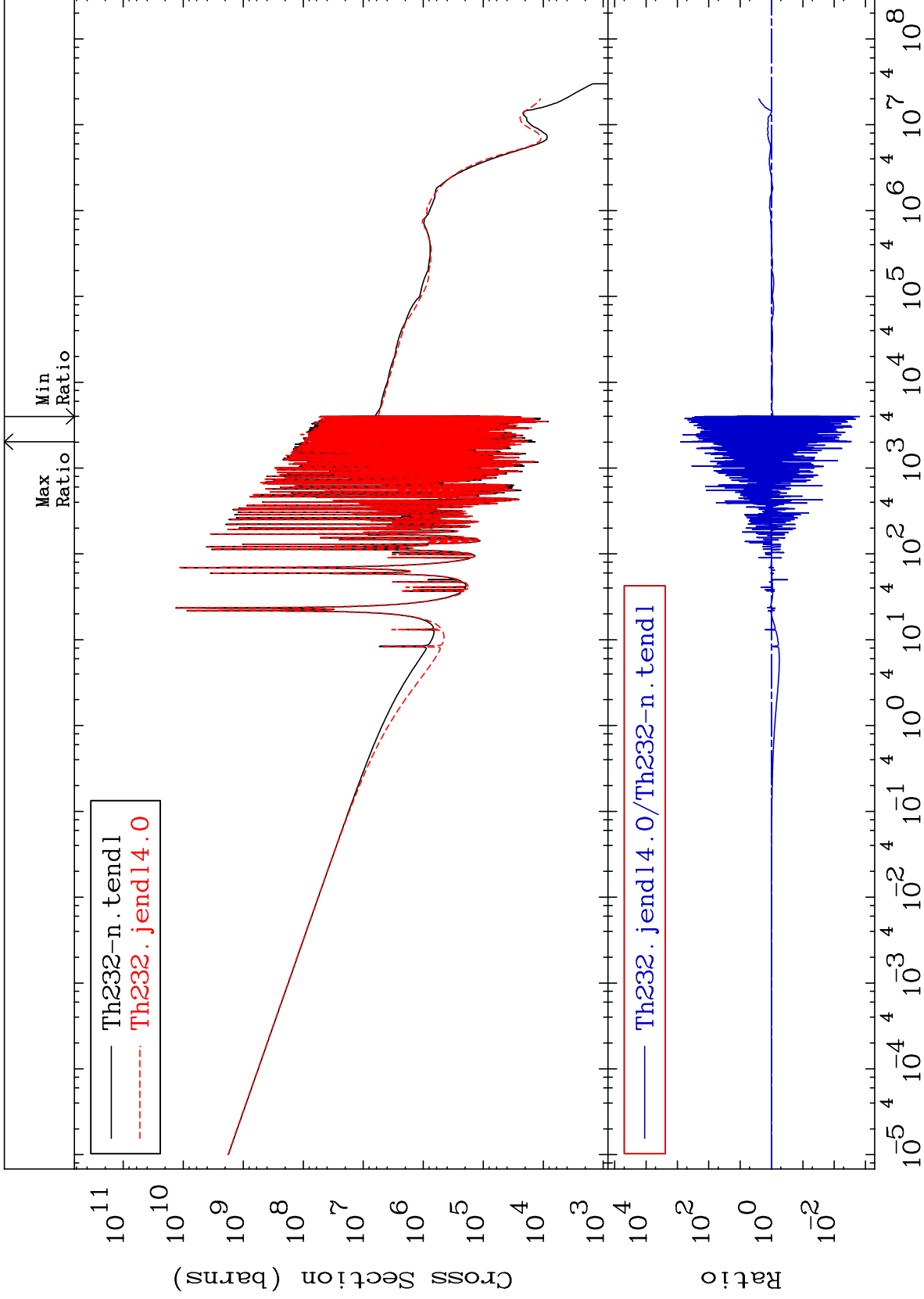
90-Th-232  
-100.0 To 1185. %



MAT 9040

Kerma capture (mt102)  
Cross Section

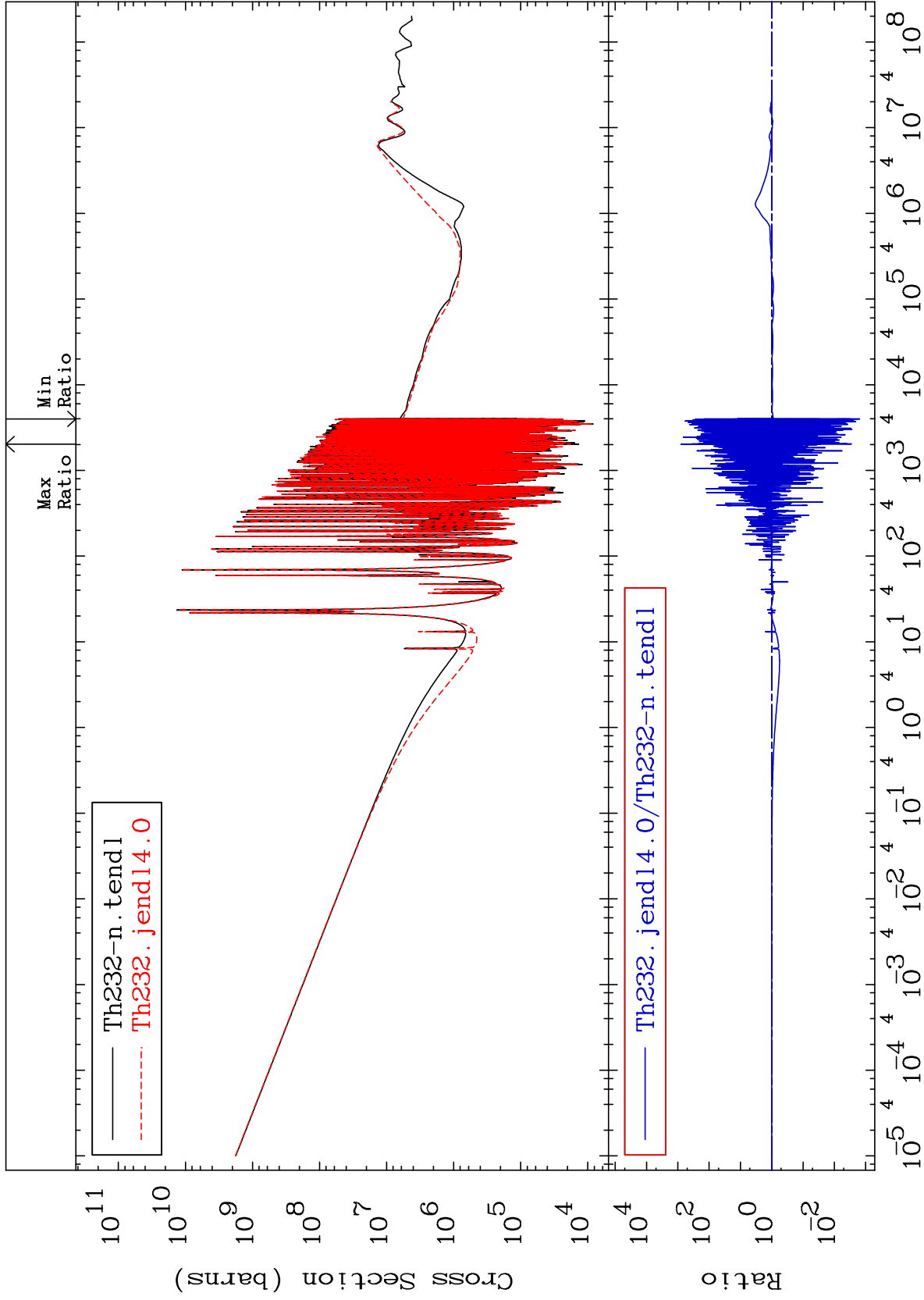
90-Th-232  
-99.84 To 9999. %



MAT 9040

Total photon (eV-barns)  
Cross Section

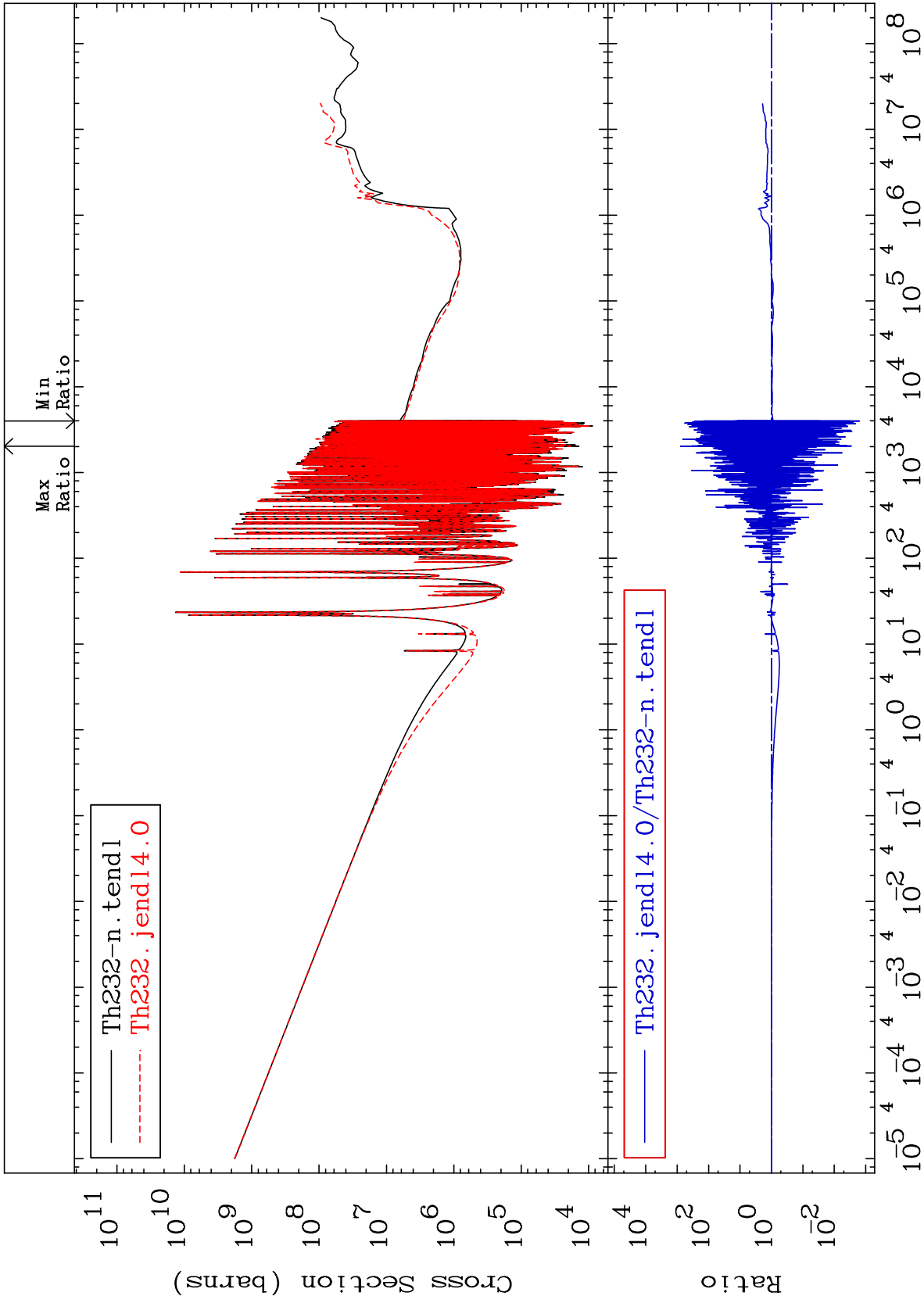
90-Th-232  
-99.84 To 9999. %



MAT 9040

Total kinematic kerma (high limit)  
Cross Section

90-Th-232  
-99.84 To 9999. %





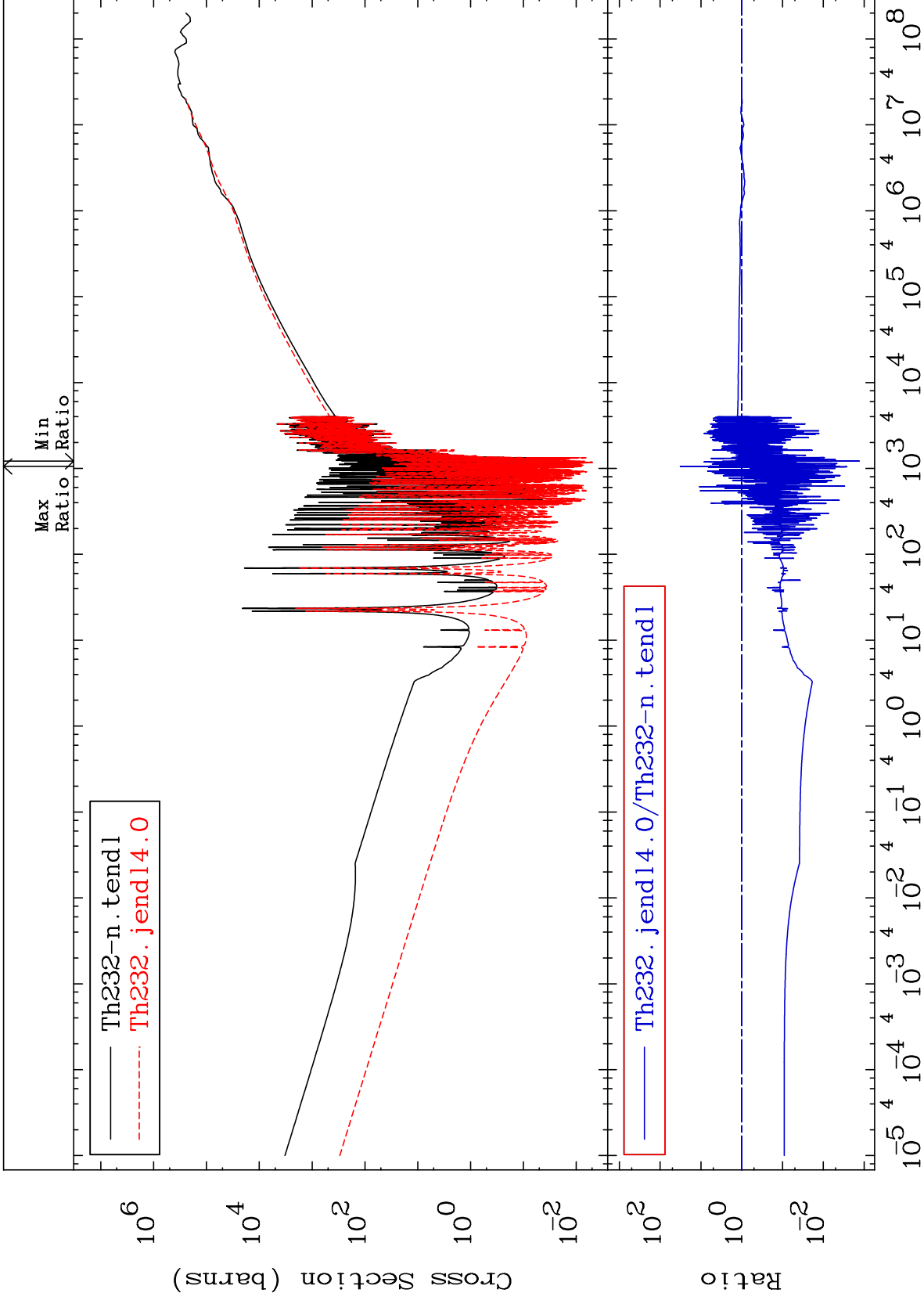
MAT 9040

Dpa total (eV-barns)

90-Th-232

-99.87 To 3129. %

Cross Section



51

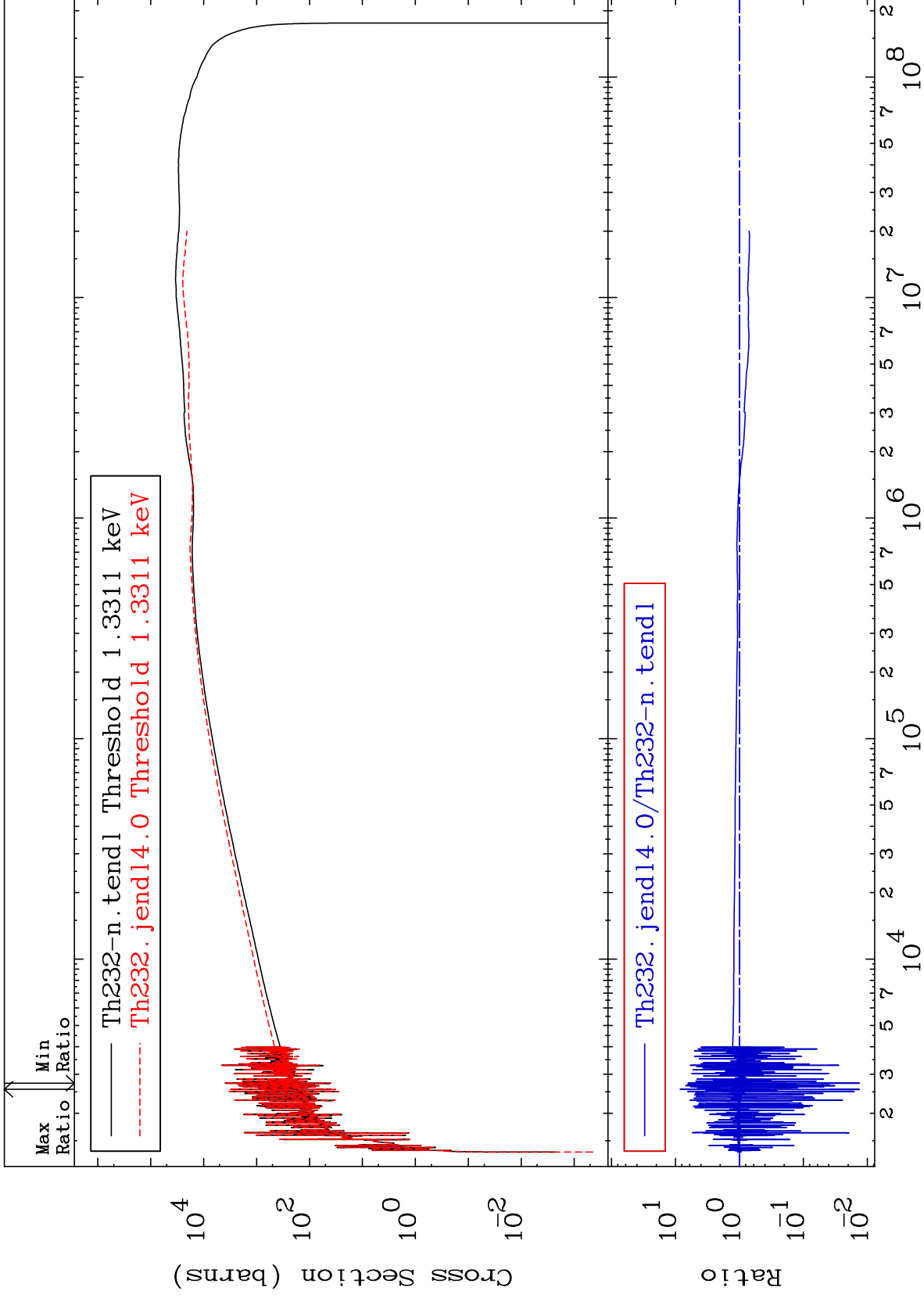
Incident Energy (eV)

90-Th-232

MAT 9040

Dpa elastic (mt2)  
Cross Section

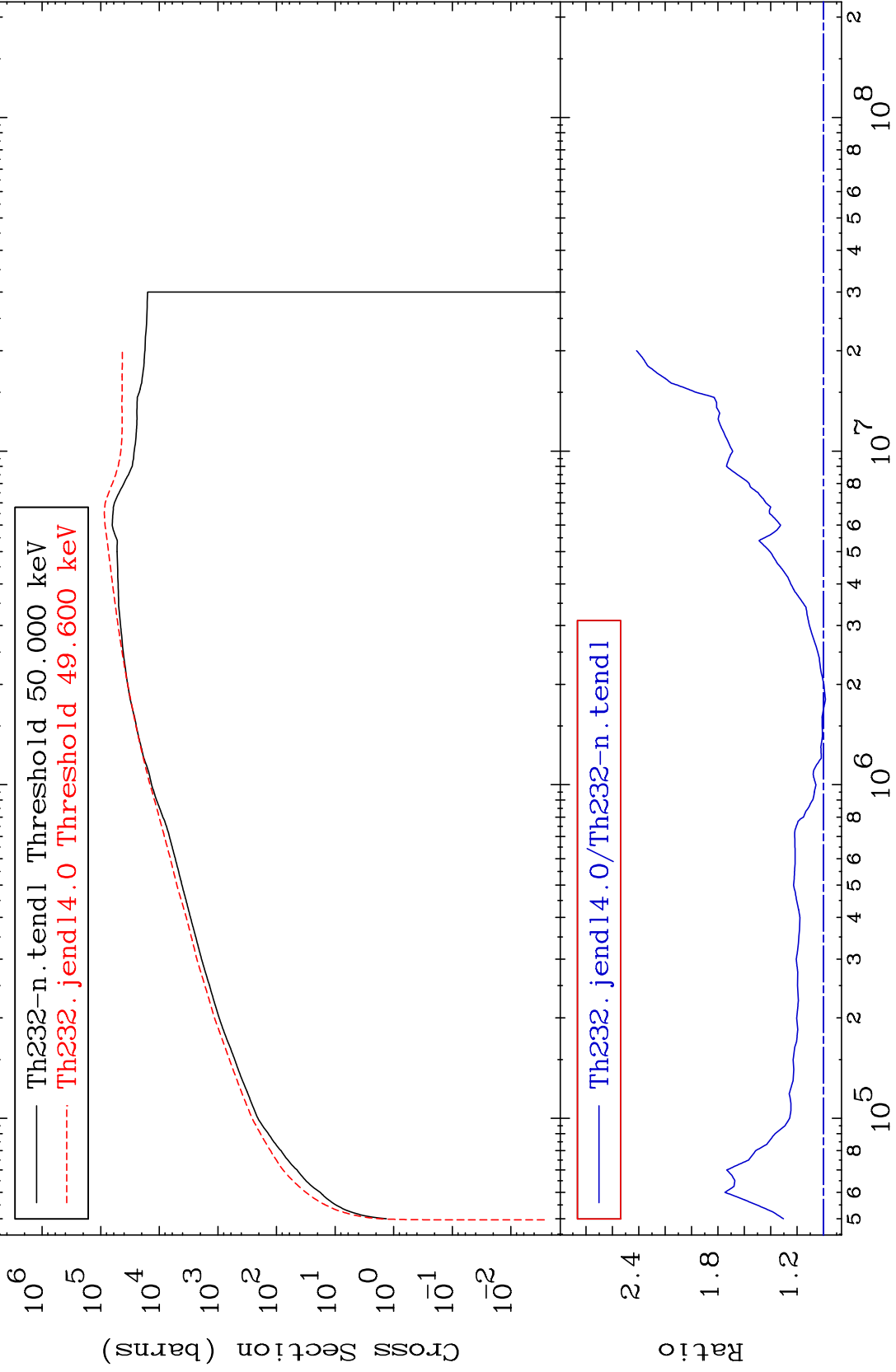
90-Th-232  
-98.67 To 739.2 %



MAT 9040

Dpa inelastic (mt51-91)  
Cross Section

90-Th-232  
-1.509 To 141.6 %



MAT 9040

Dpa disappearance (mt102 -120)  
Cross Section

90-Th-232  
-99.99 To 9999. %

