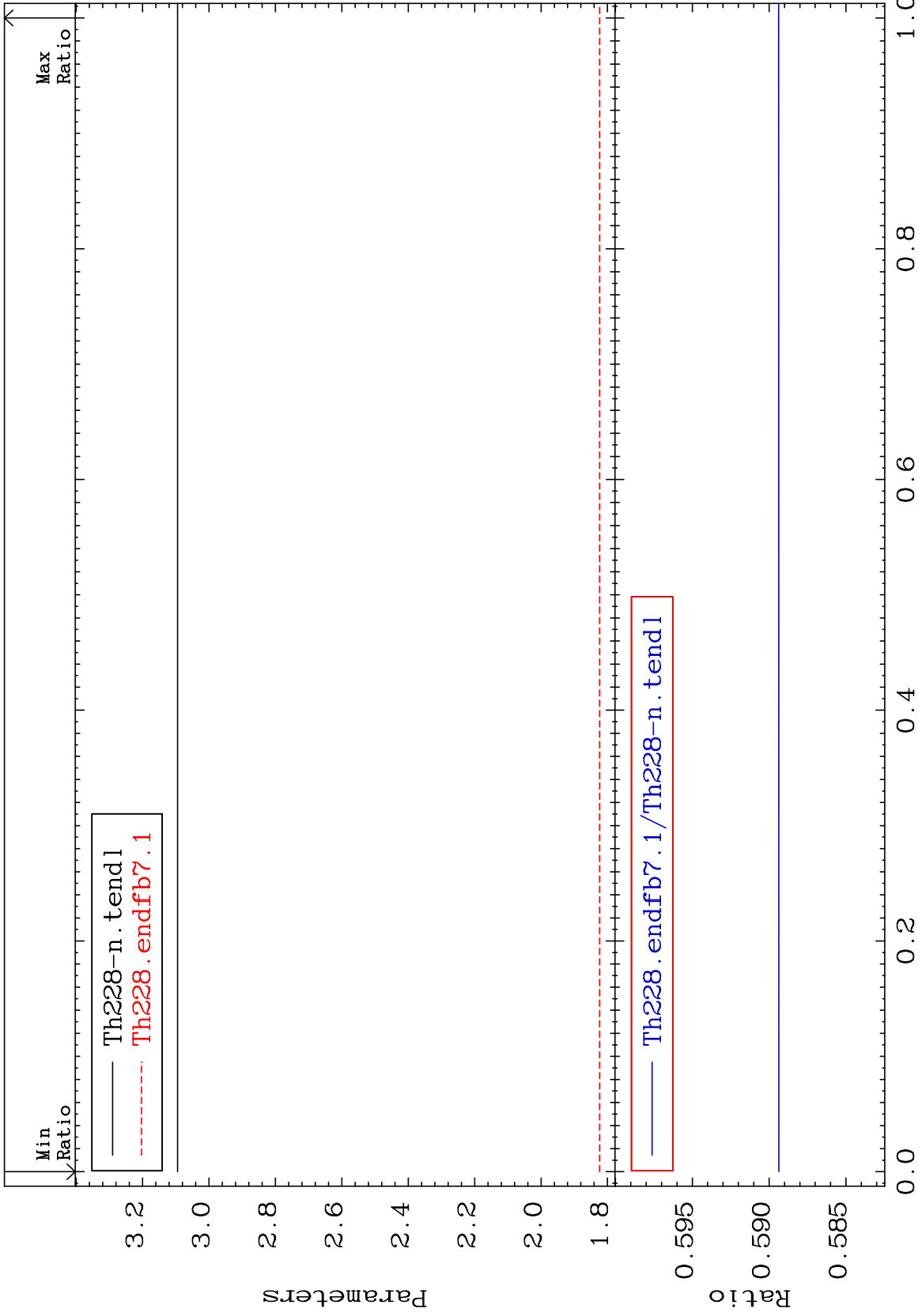


MAT 9028

Total  $\bar{\nu}$   
Parameters

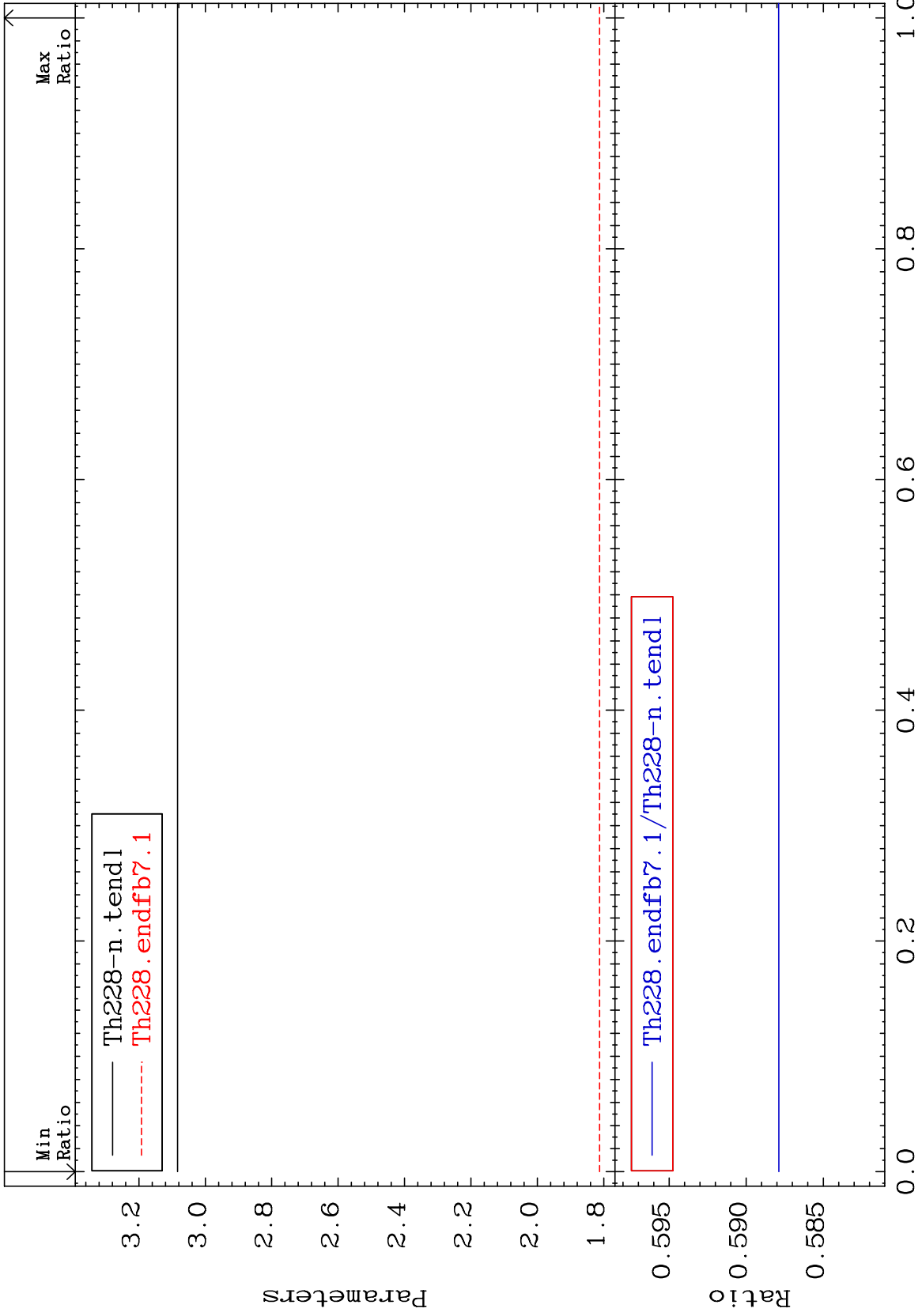
90-Th-228  
-41.06 To -41.06%

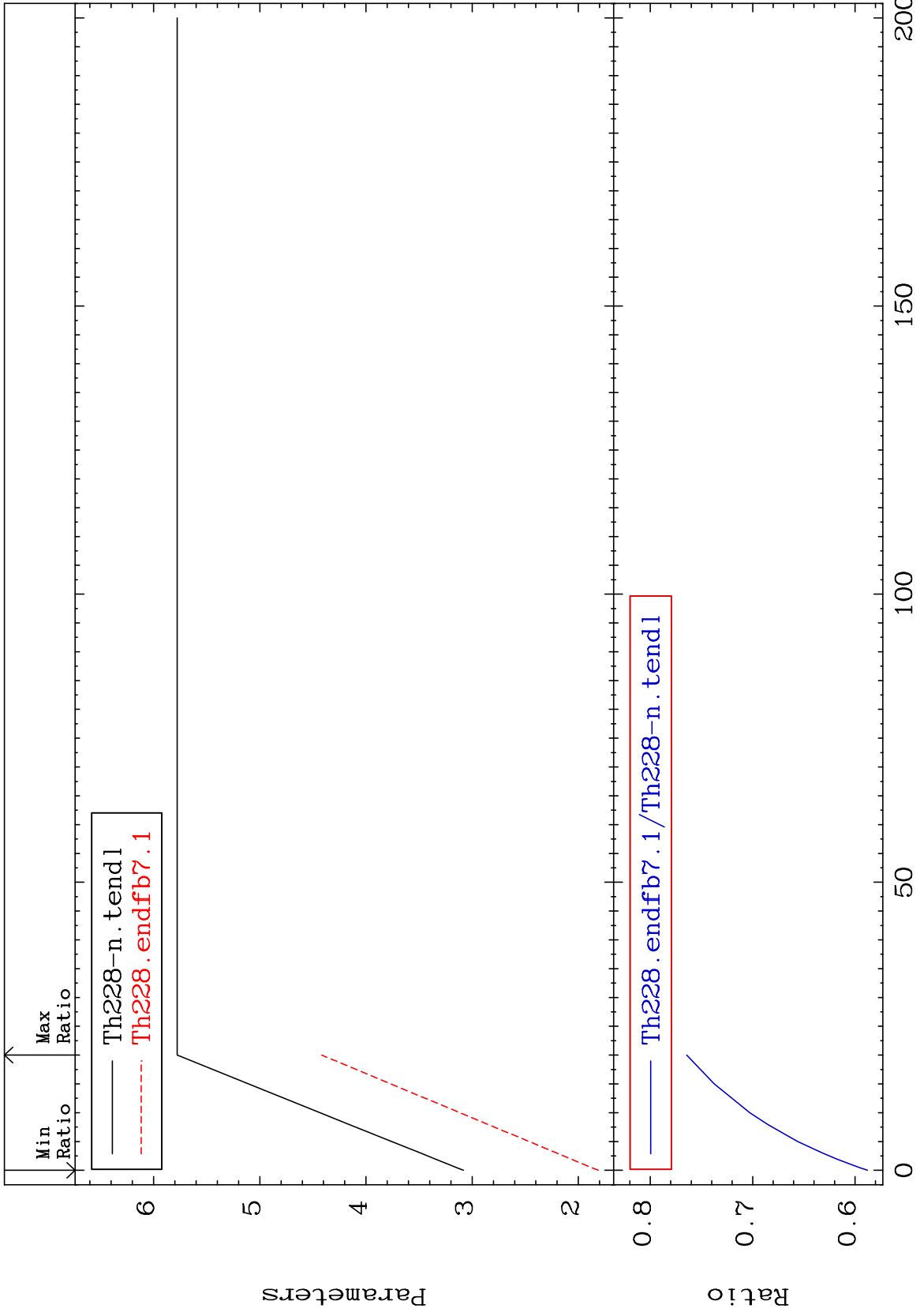


1

Incident Energy (KeV)

90-Th-228

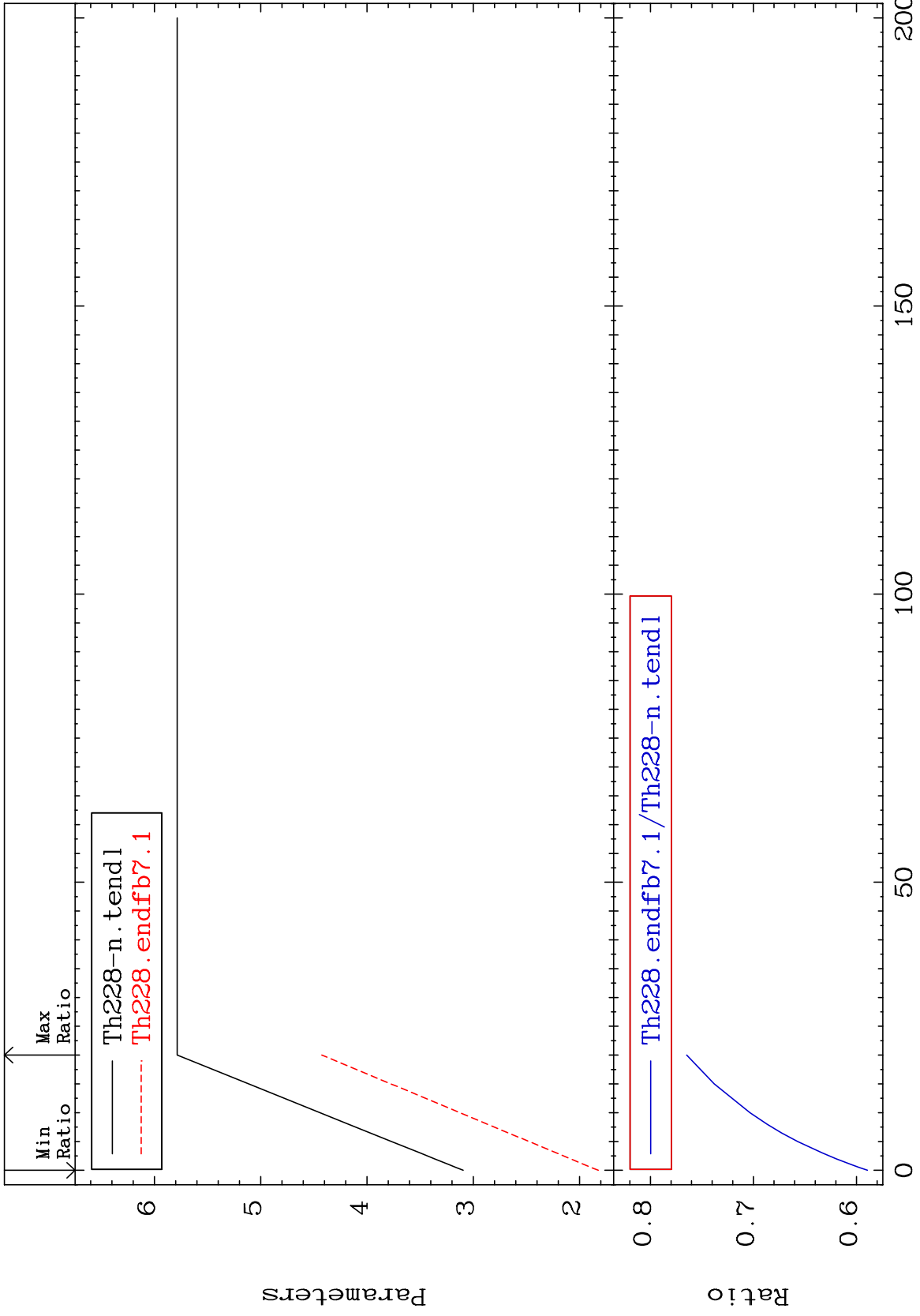




MAT 9028

Total  $\bar{\nu}$   
Parameters

90-Th-228  
-41.06 To -23.53%



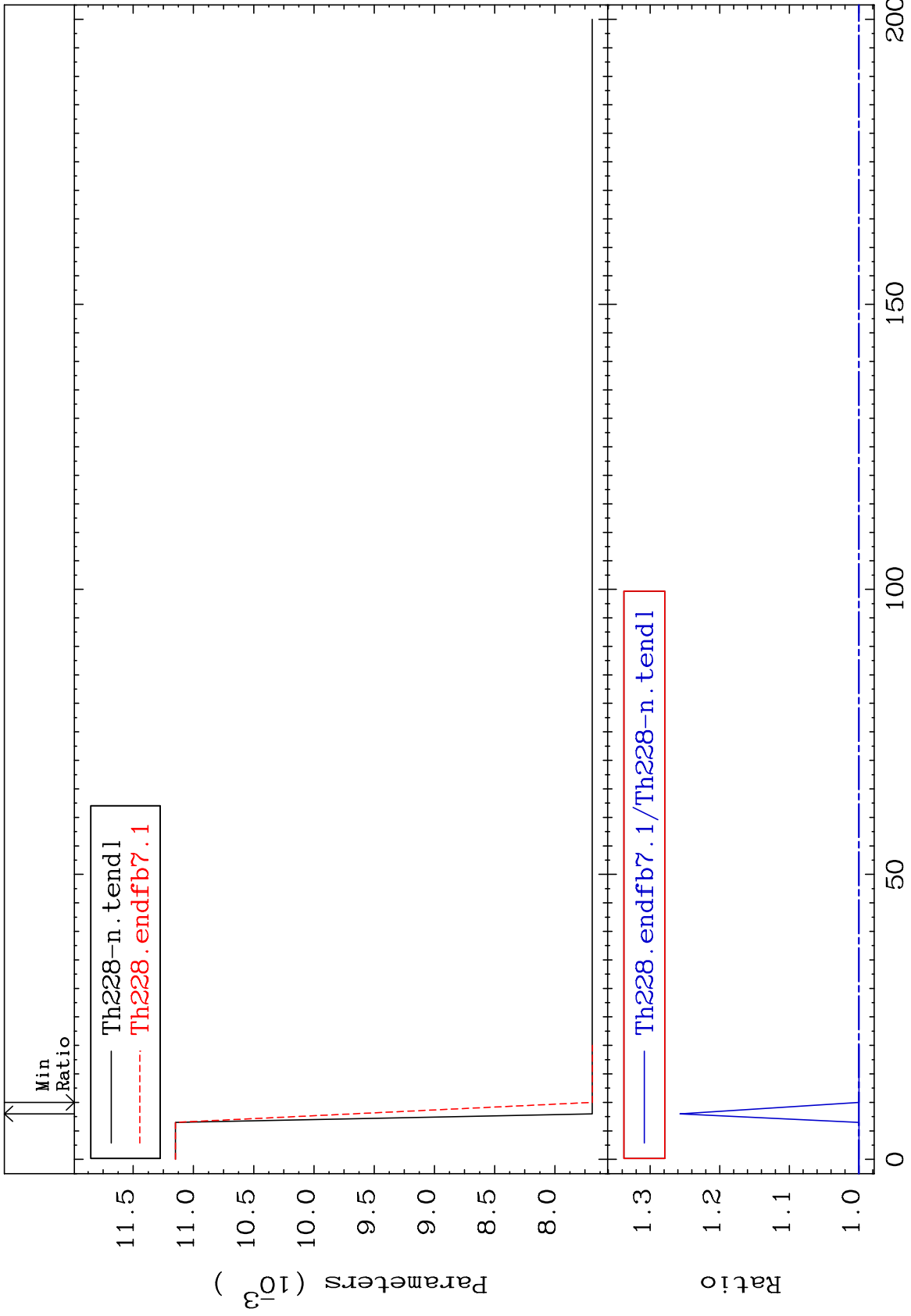
Incident Energy (MeV)

90-Th-228

MAT 9028

Delayed  $\bar{\nu}$   
Parameters

90-Th-228  
-0.013 To 25.70 %



Incident Energy (MeV)

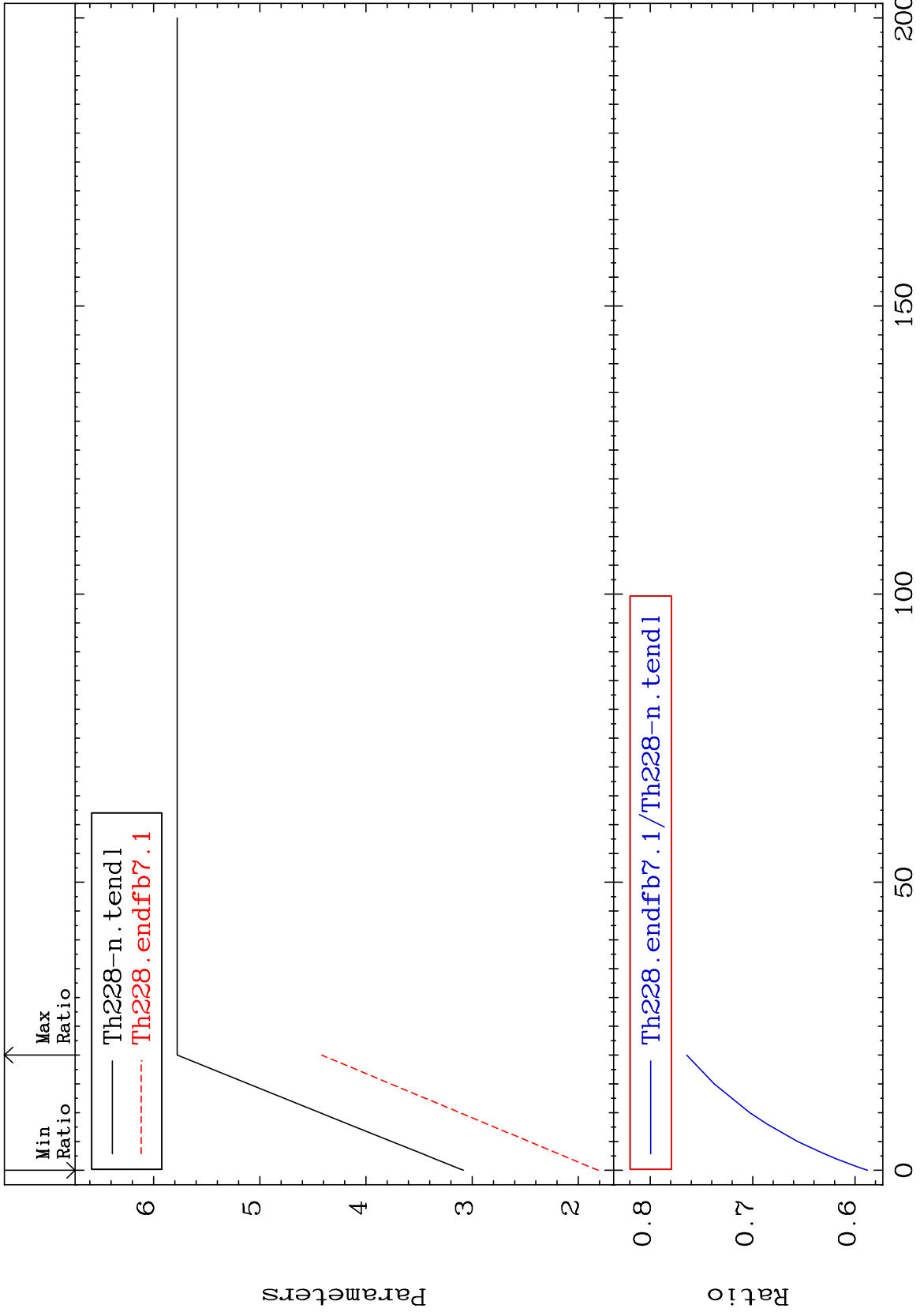
90-Th-228

2

MAT 9028

Prompt  $\bar{\nu}$   
Parameters

90-Th-228  
-41.21 To -23.56%



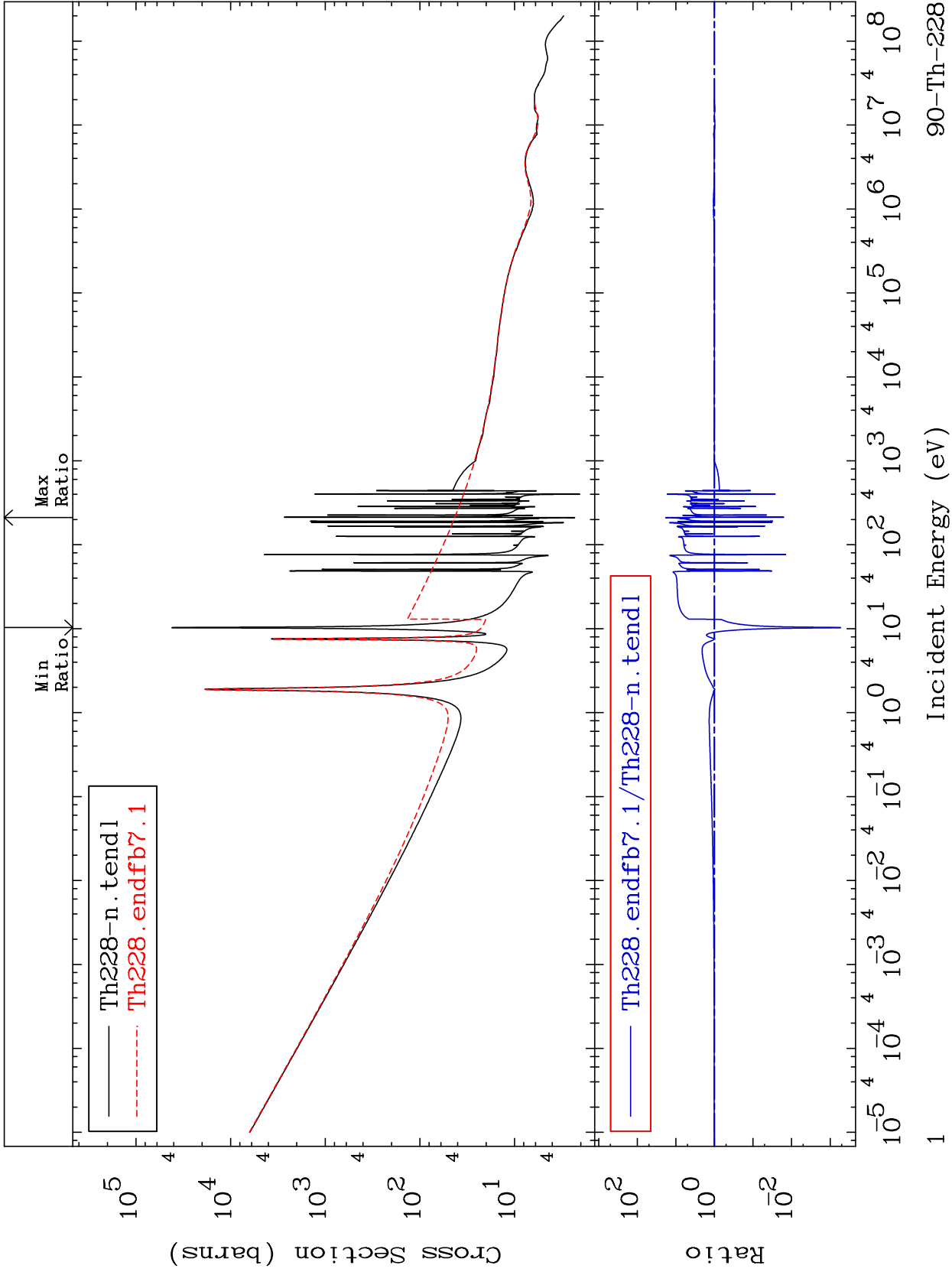
3

Incident Energy (MeV)

90-Th-228

MAT 9028

Total  
Cross Section  
90-Th-228  
-99.95 To 1754. %



90-Th-228

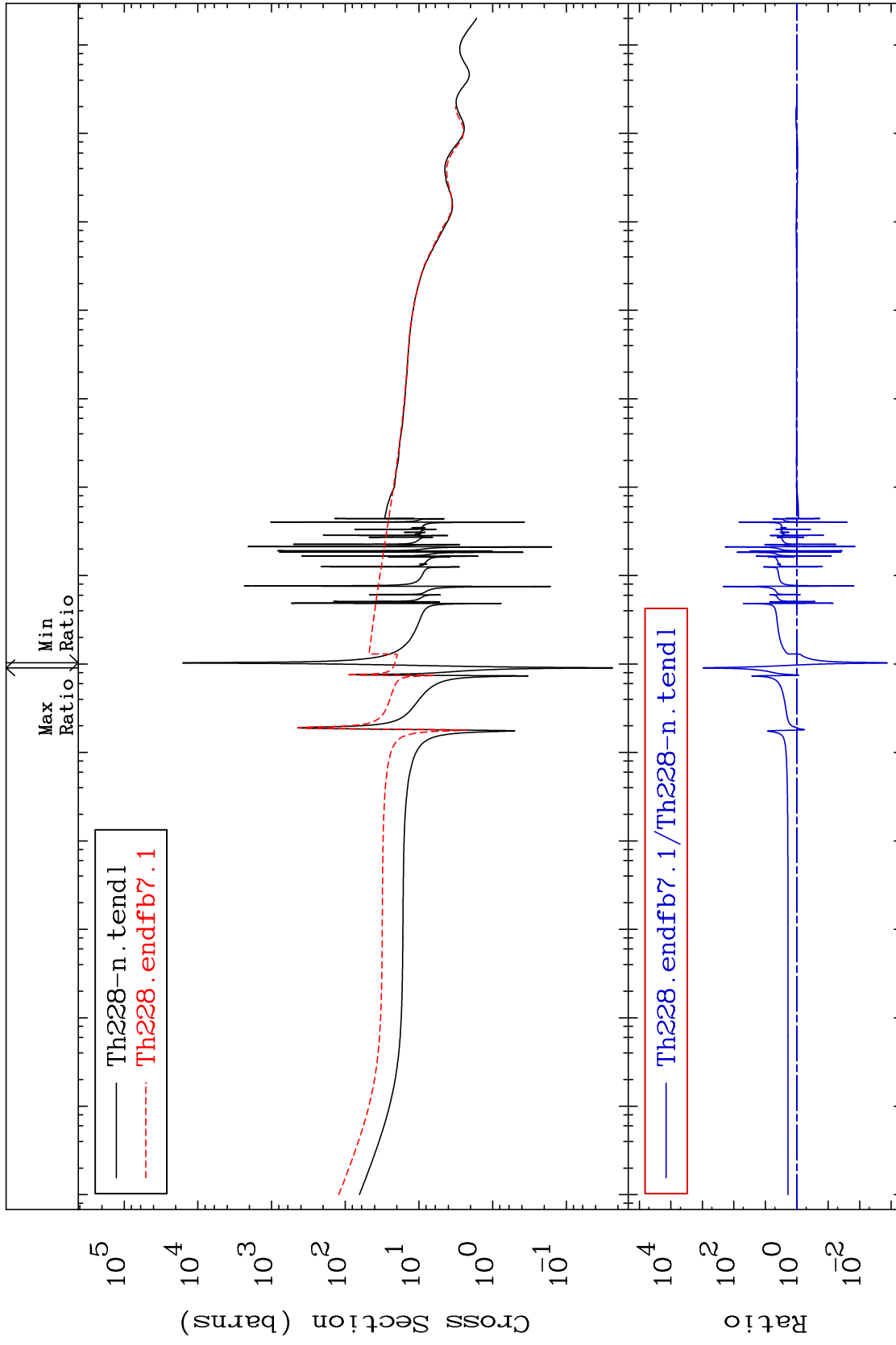
MAT 9028

Elastic

90-Th-228

Cross Section

-99.87 To 9999. %

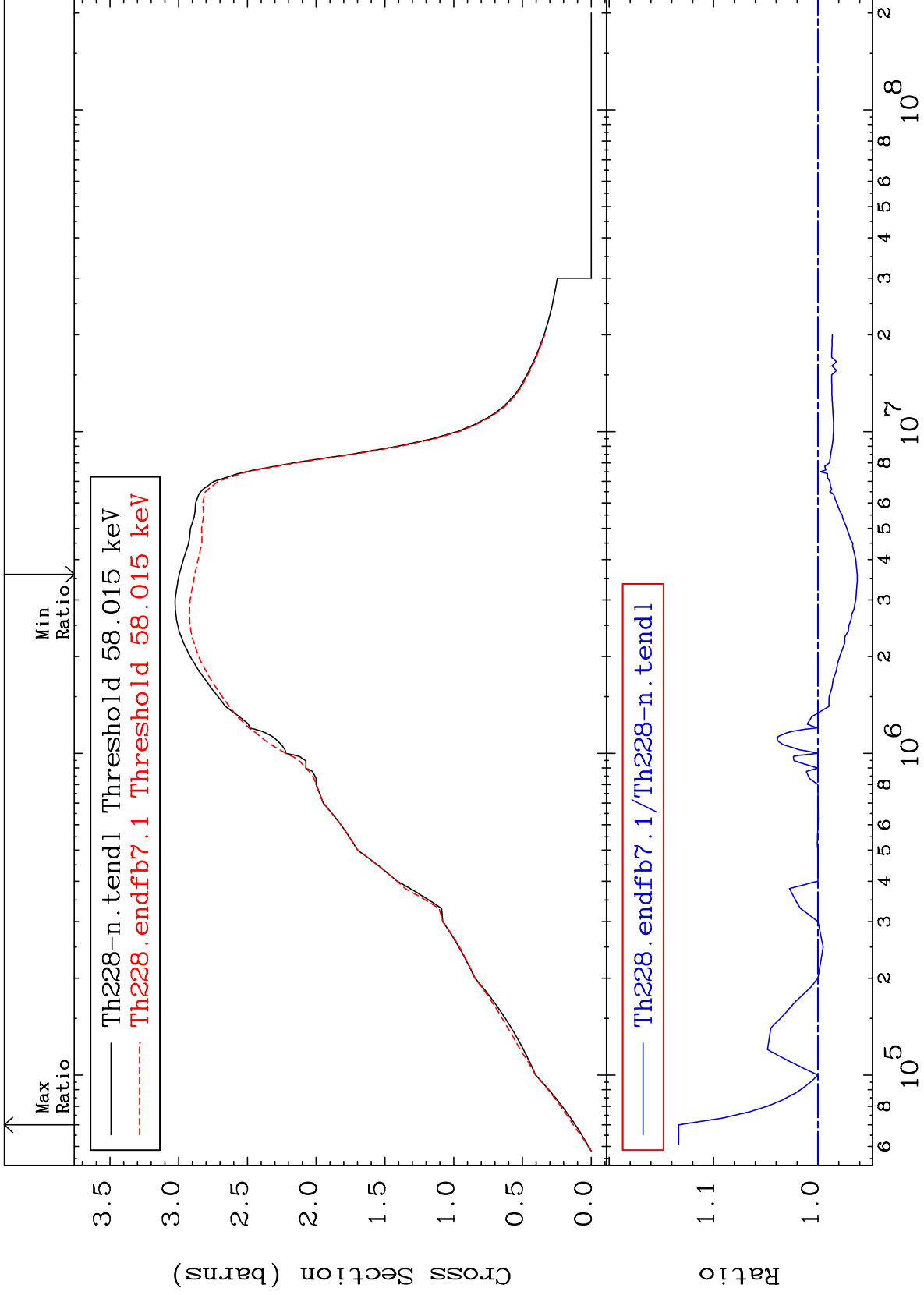




MAT 9028

Inelastic  
Cross Section

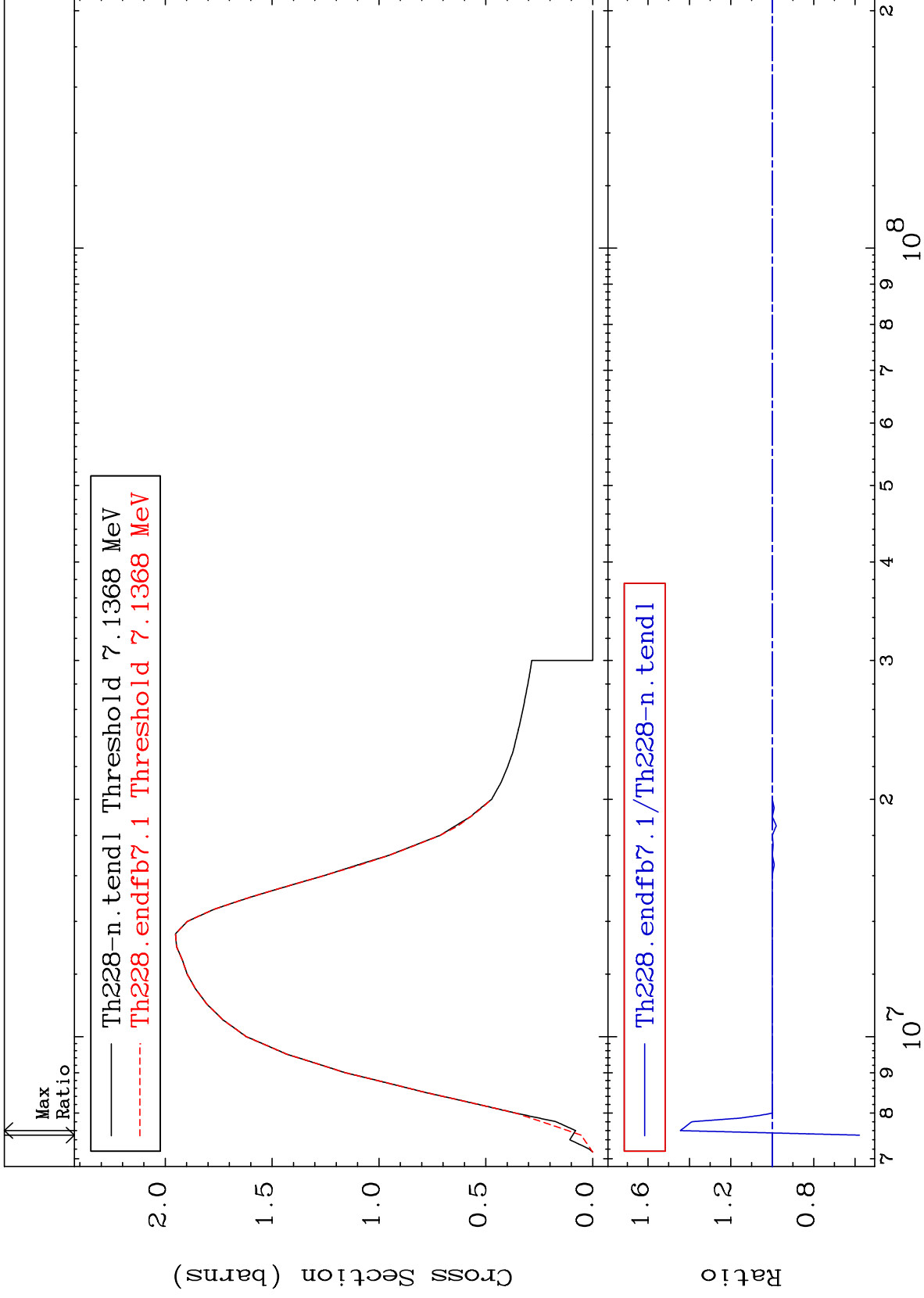
90-Th-228  
-3.768 To 13.34 %



MAT 9028

(n,2n)  
Cross Section

90-Th-228  
-42.08 To 44.38 %



4

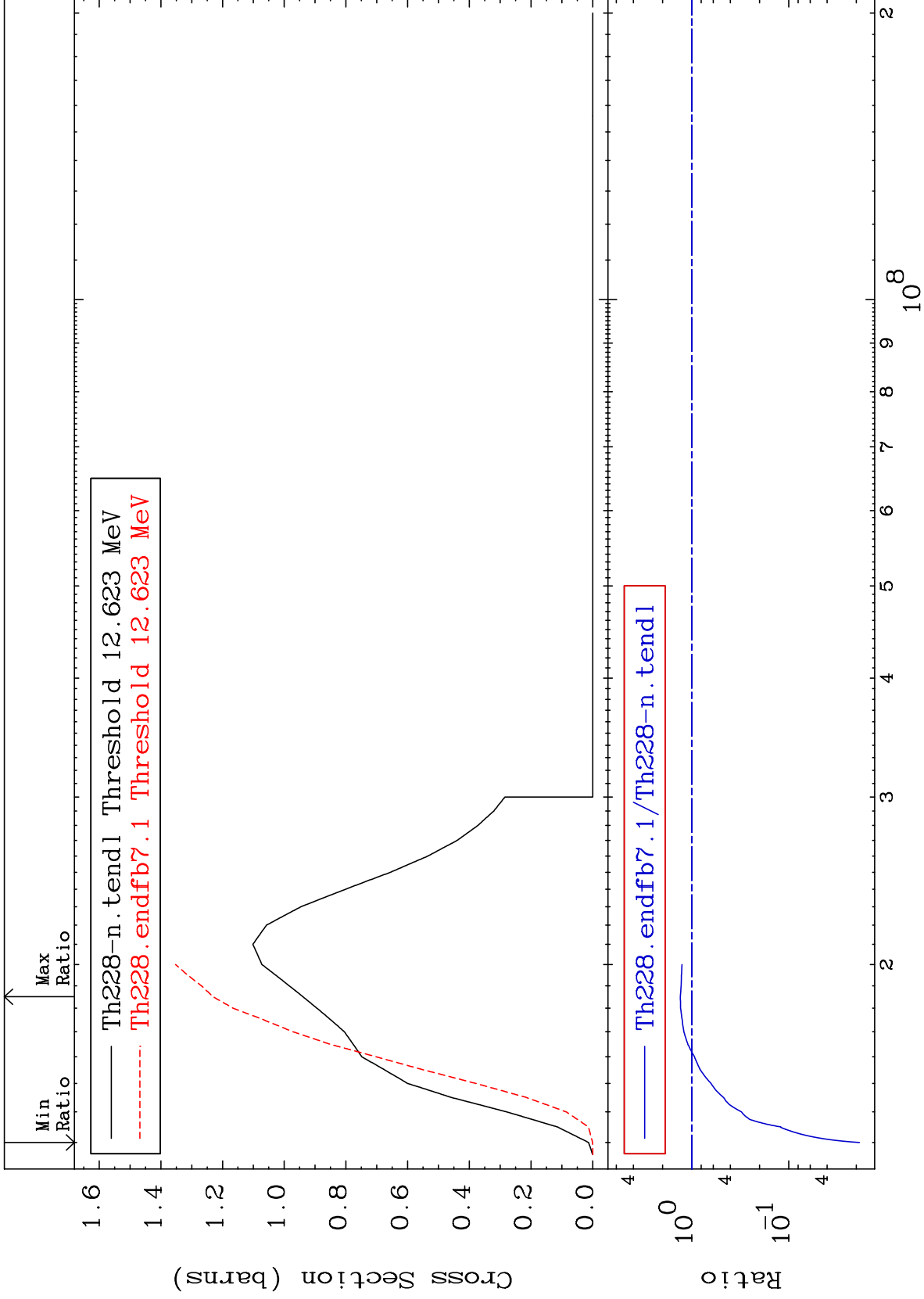
Incident Energy (eV)

90-Th-228

MAT 9028

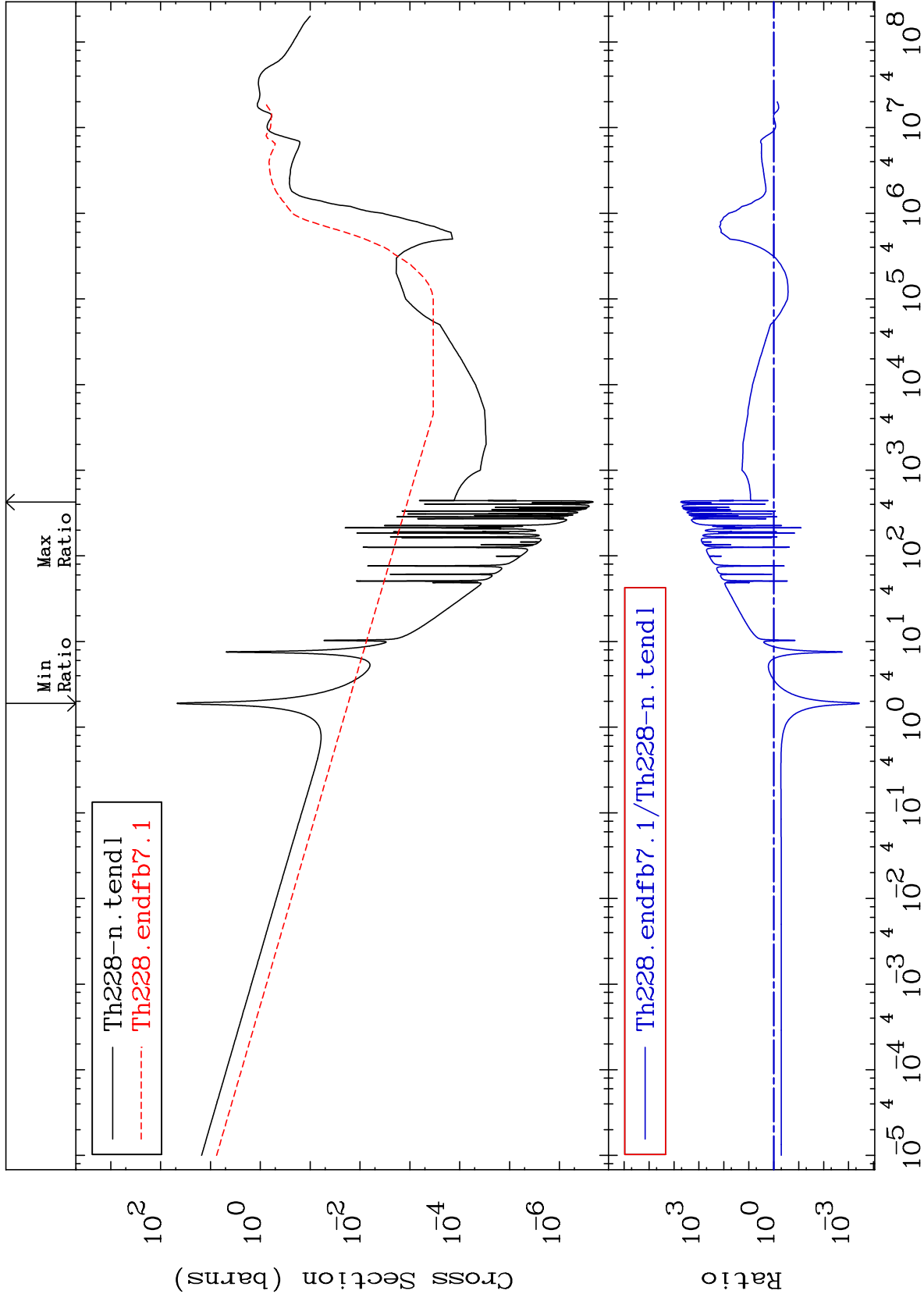
(n,3n)  
Cross Section

90-Th-228  
-98.14 To 31.03 %



MAT 9028

Fission Cross Section  
90-Th-228  
-99.96 To 9999. %



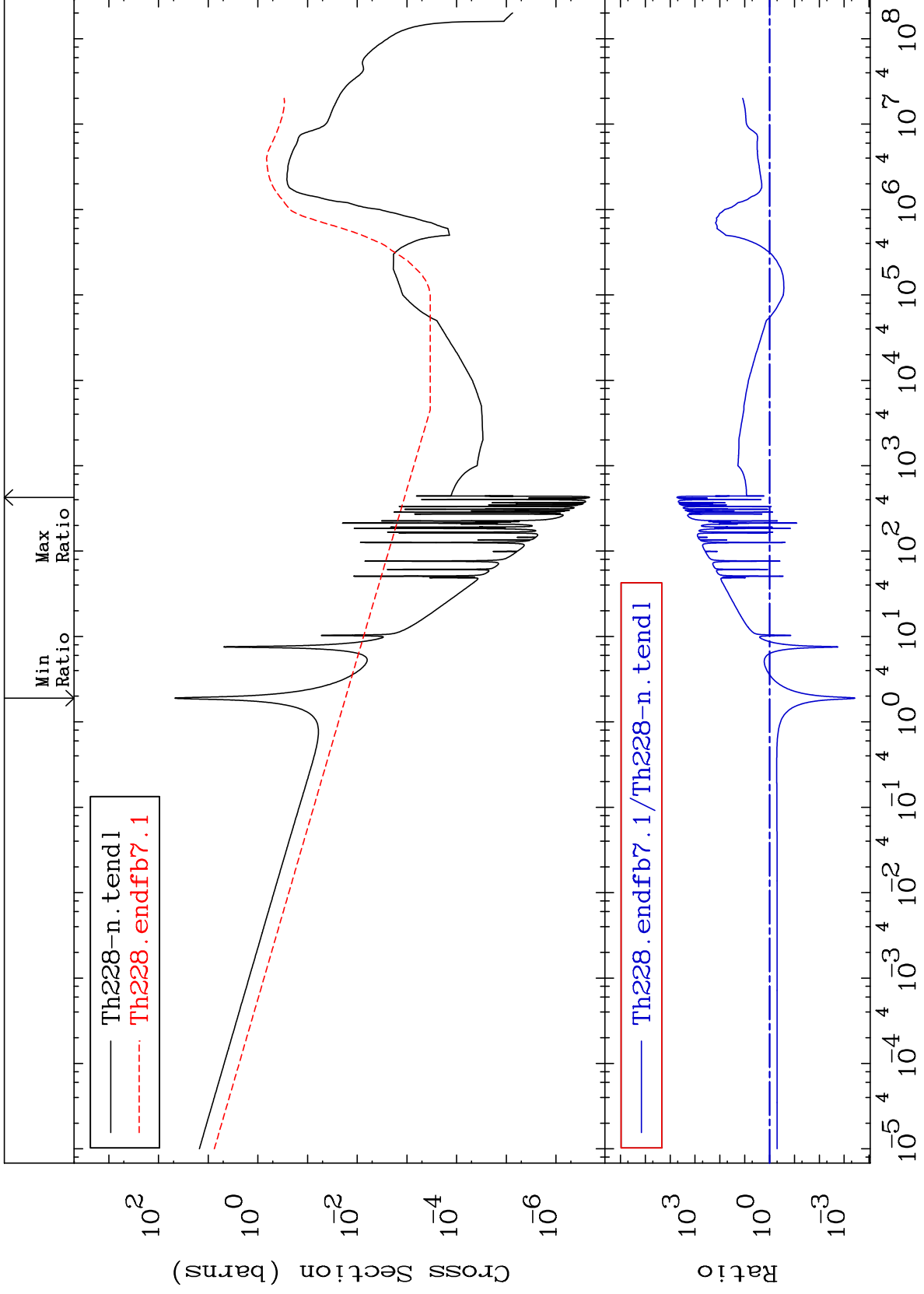
90-Th-228

Incident Energy (eV)

MAT 9028

(n, f) First Chance  
Cross Section

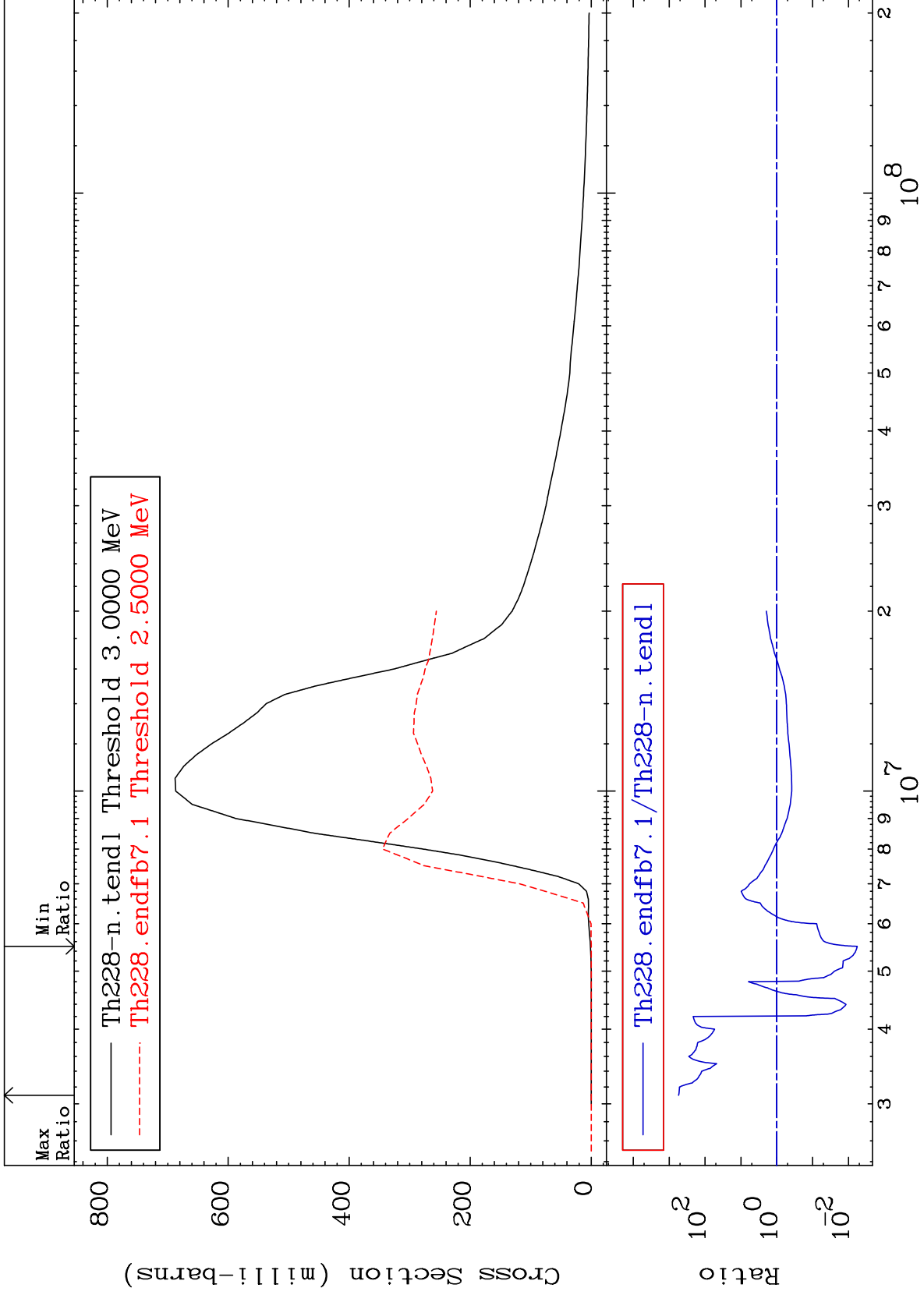
90-Th-228  
-99.96 To 9999. %



MAT 9028

(n, nf) Second Chance  
Cross Section

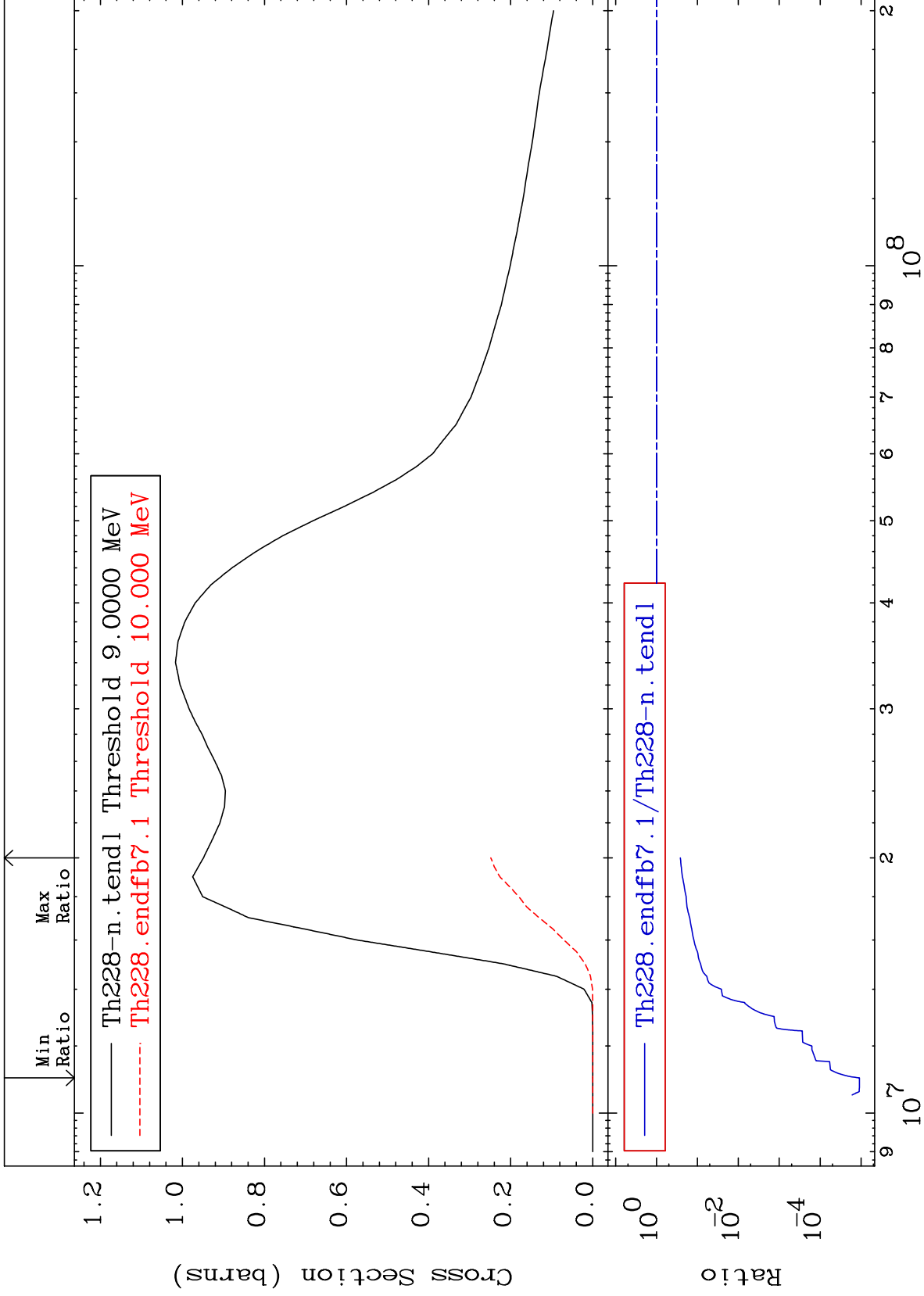
90-Th-228  
-99.43 To 9999. %



MAT 9028

(n,2nf) Third Chance  
Cross Section

90-Th-228  
-100.0 To -73.83%



9

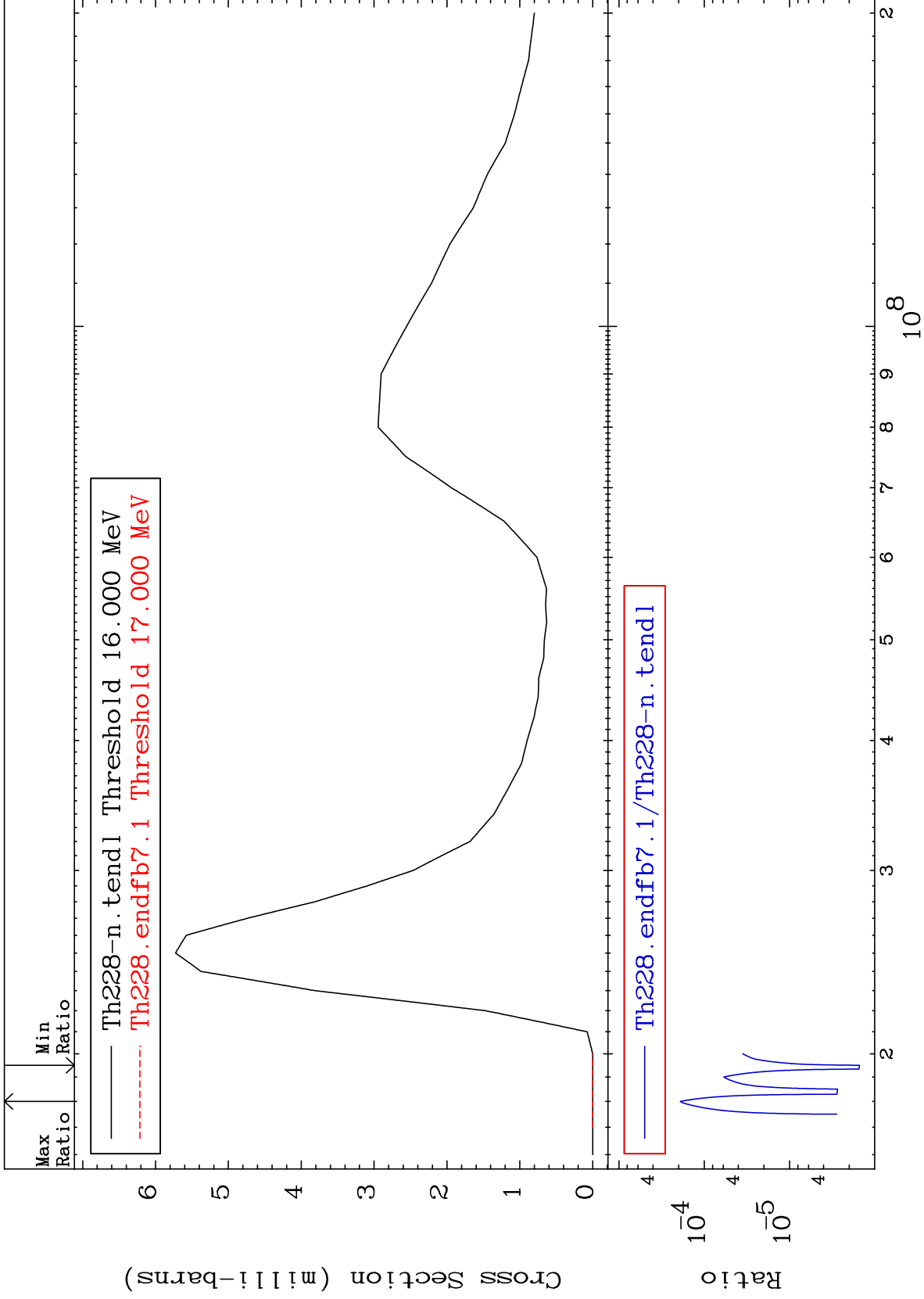
Incident Energy (eV)

90-Th-228

MAT 9028

(n,3nf) Fourth Chance  
Cross Section

90-Th-228  
-100.0 To -99.98%



10

Incident Energy (eV)

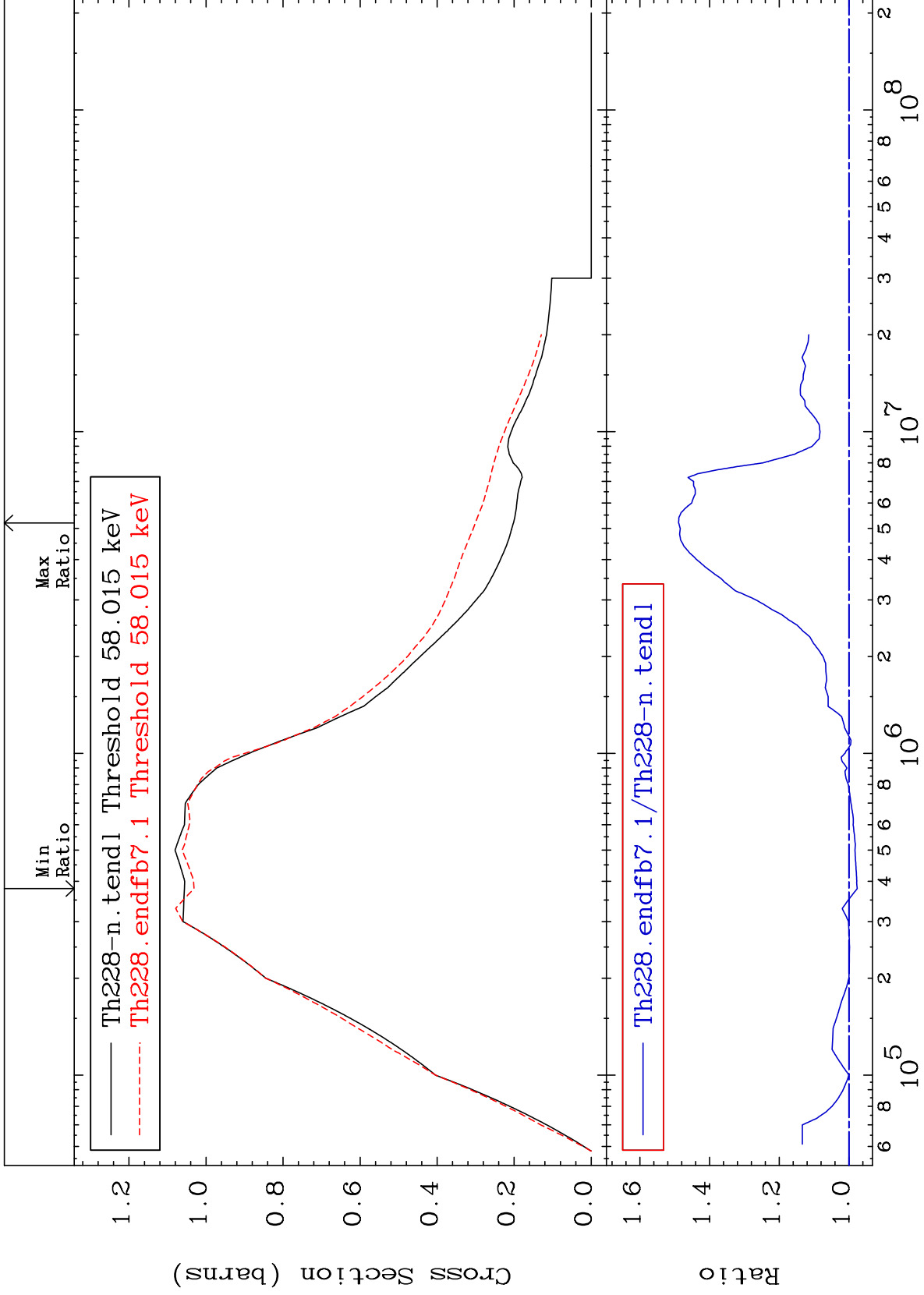
90-Th-228



MAT 9028

57.76 keV (n,n') Level  
Cross Section

90-Th-228  
-2.387 To 48.86 %



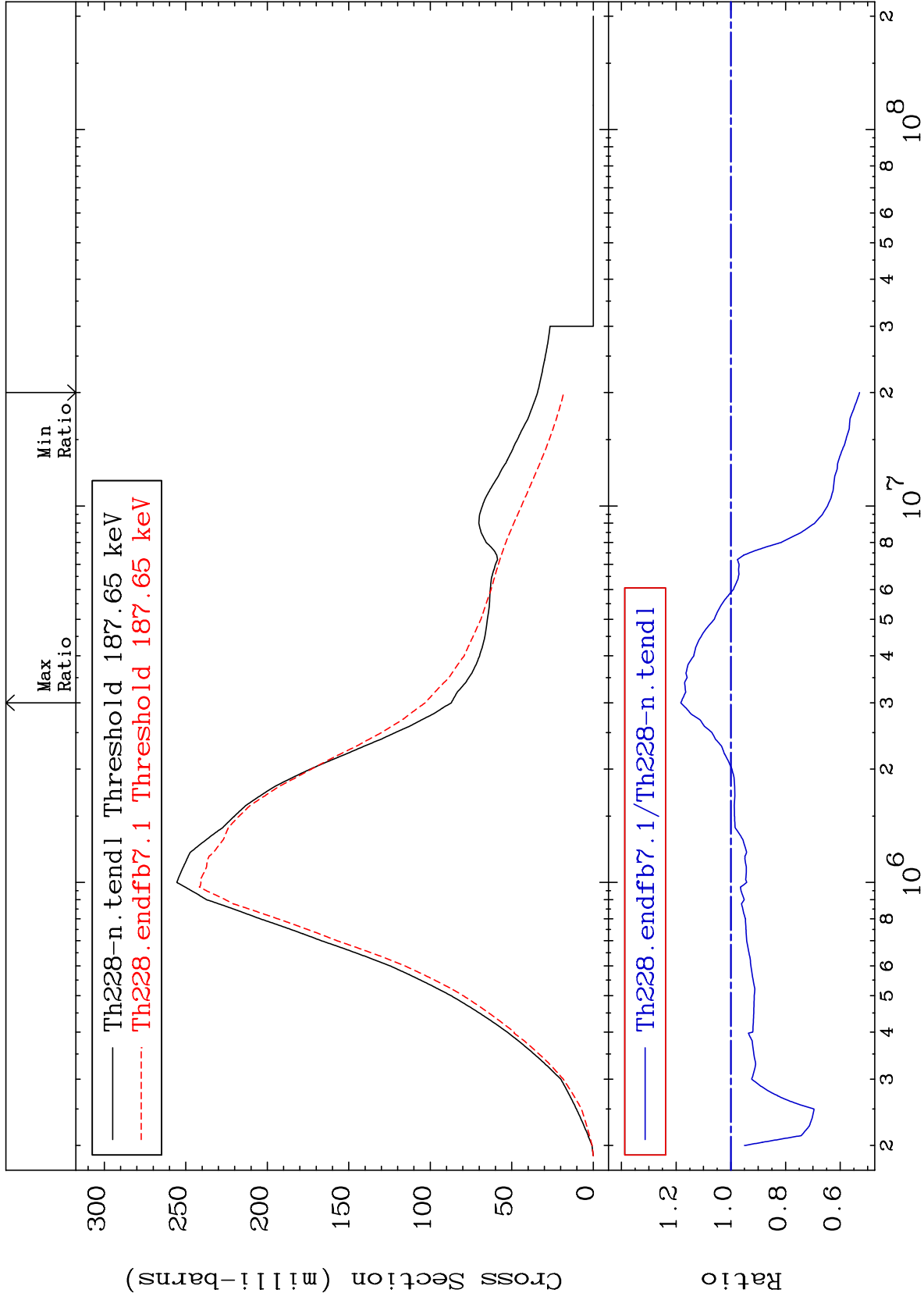
MAT 9028

186.8 keV (n,n') Level

90-Th-228

-47.05 To 18.31 %

Cross Section



12

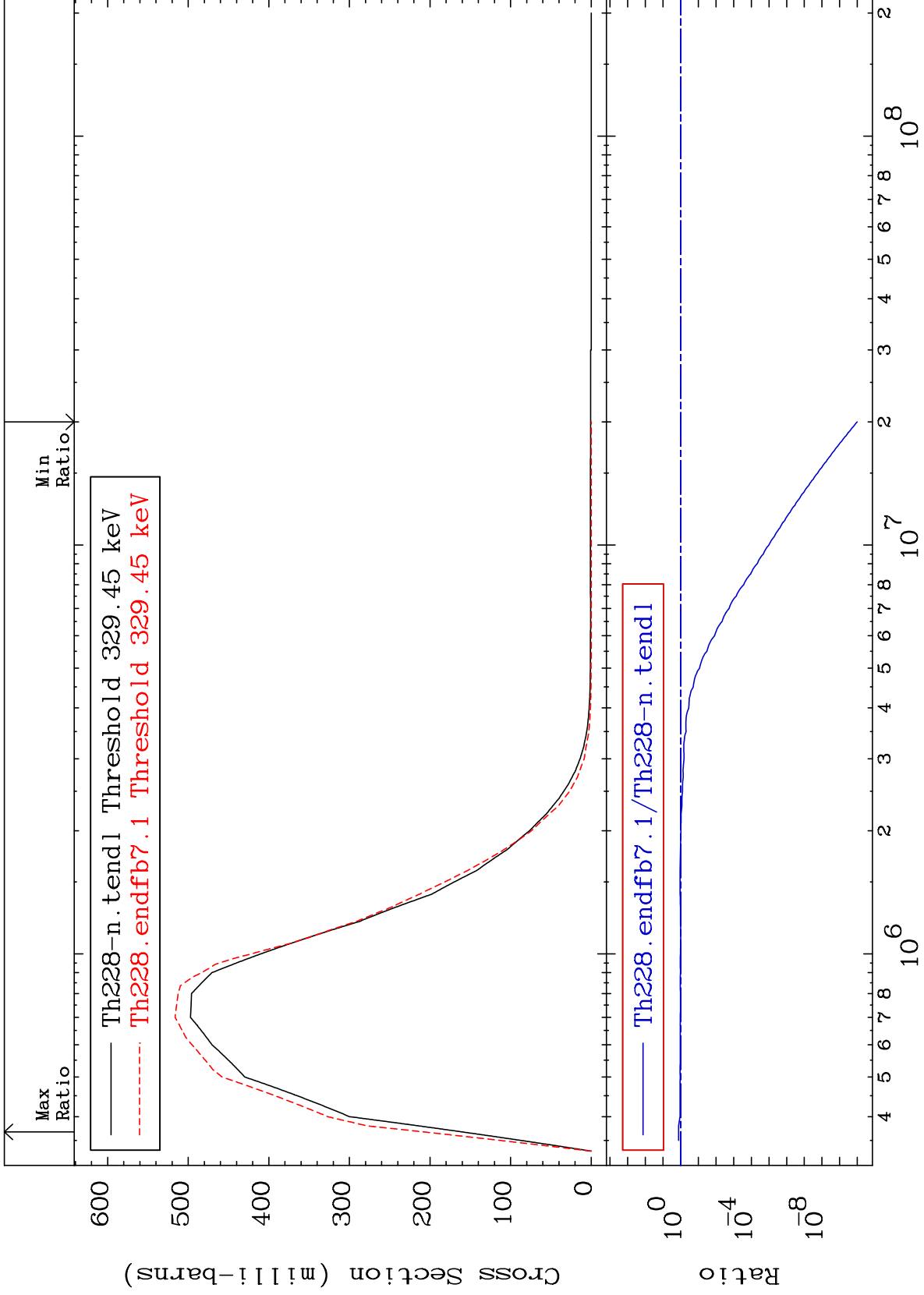
Incident Energy (eV)

90-Th-228

MAT 9028

328.0 keV (n,n') Level  
Cross Section

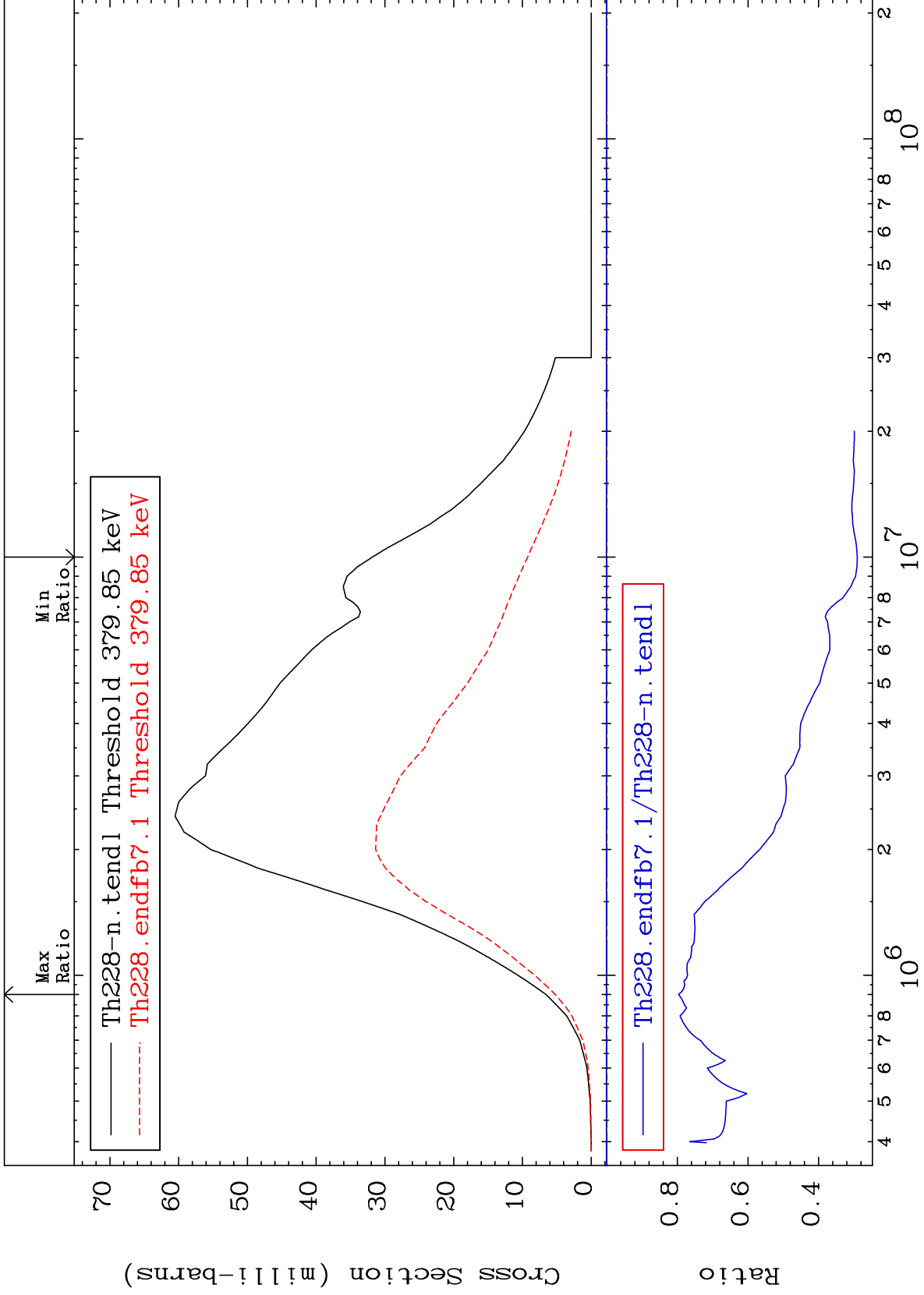
90-Th-228  
-100.0 To 29.88 %



MAT 9028

378.2 keV (n,n') Level  
Cross Section

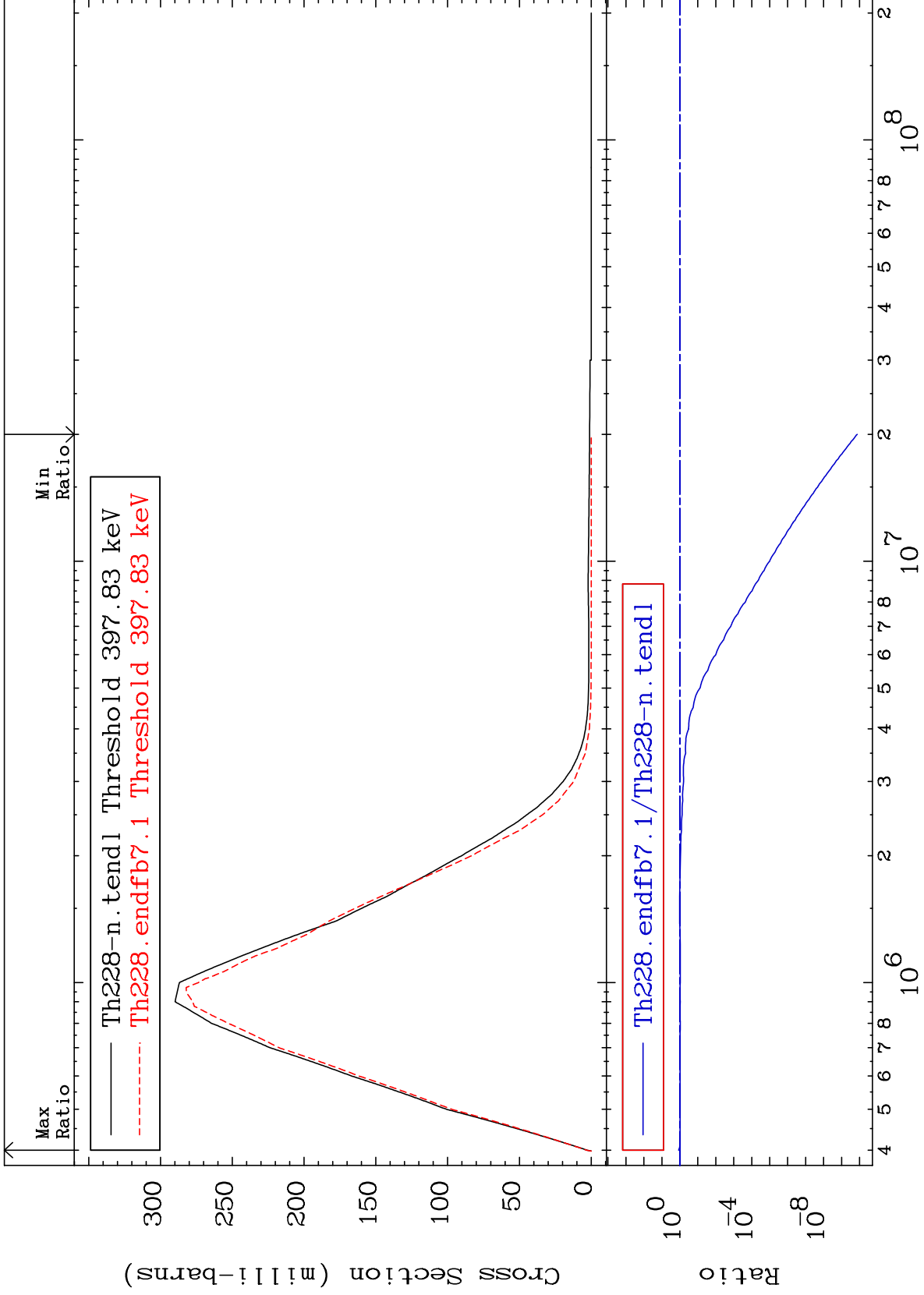
90-Th-228  
-70.93 To -20.37%



MAT 9028

396.1 keV (n,n') Level  
Cross Section

90-Th-228  
-100.0 To 16.64 %



15

Incident Energy (eV)

90-Th-228

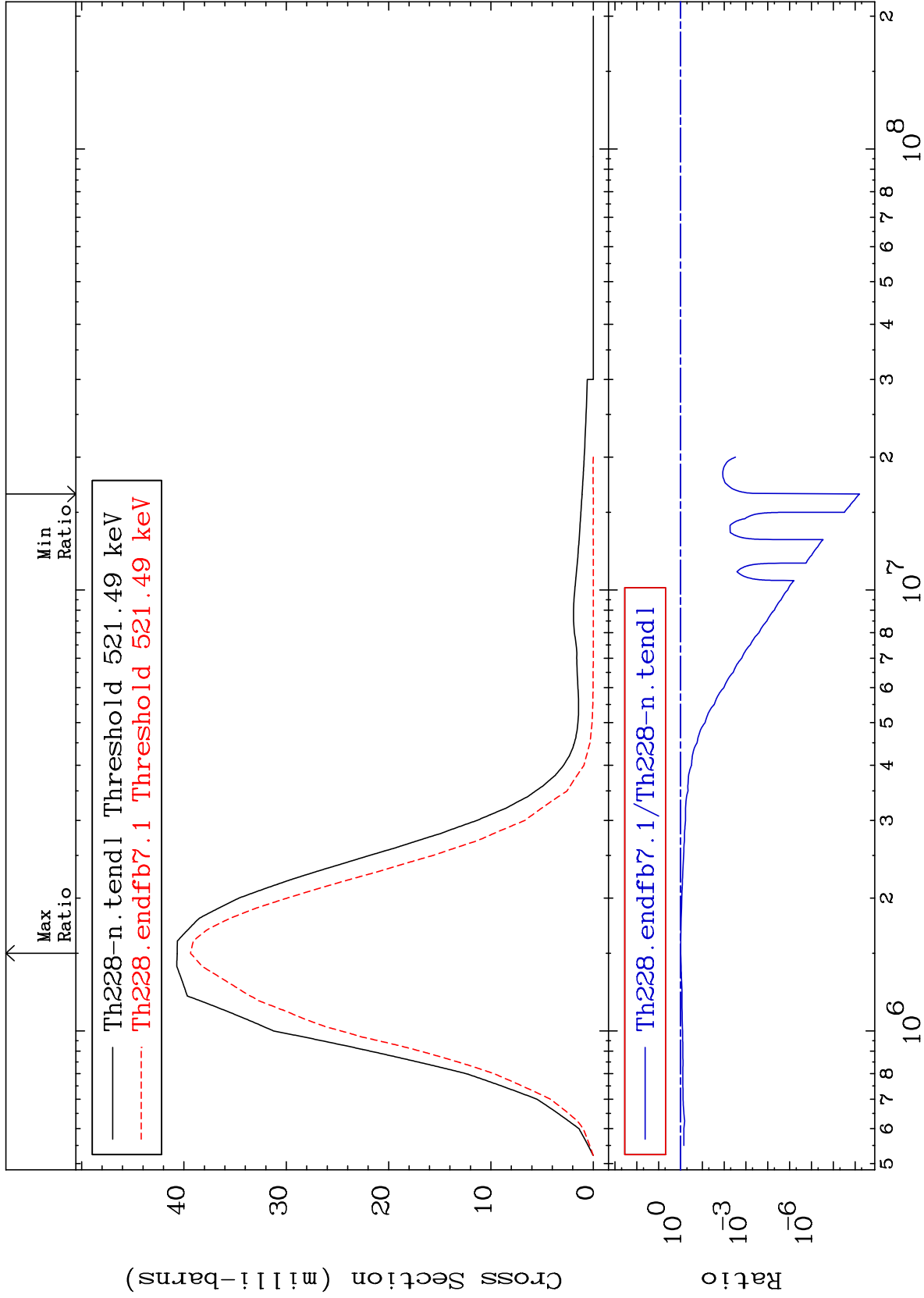
MAT 9028

519.2 keV (n,n') Level

90-Th-228

Cross Section

-100.0 To -3.224%

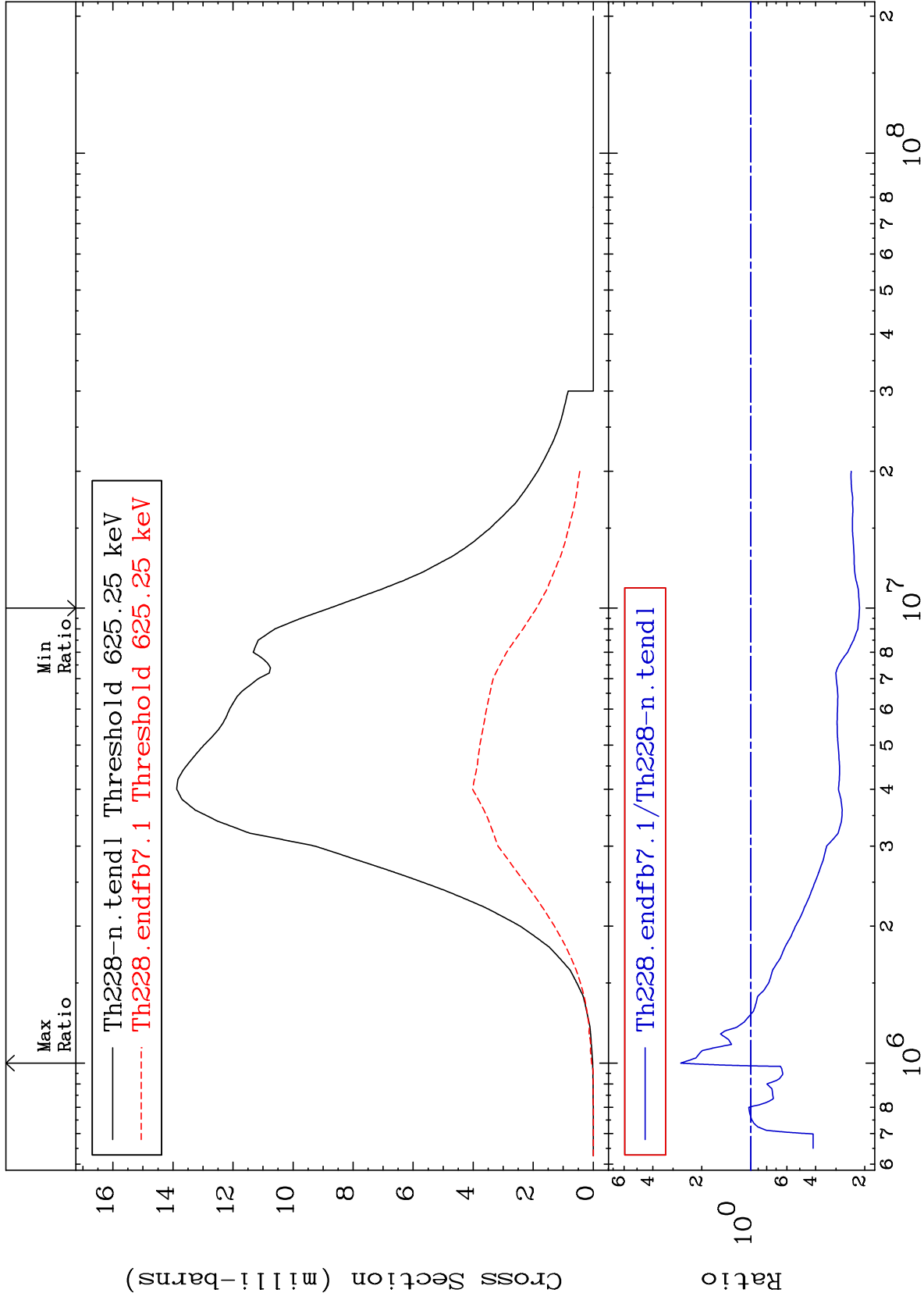


16

Incident Energy (eV)

90-Th-228

MAT 9028      622.5 keV (n,n') Level      90-Th-228  
 Cross Section      -78.50 To 169.1 %



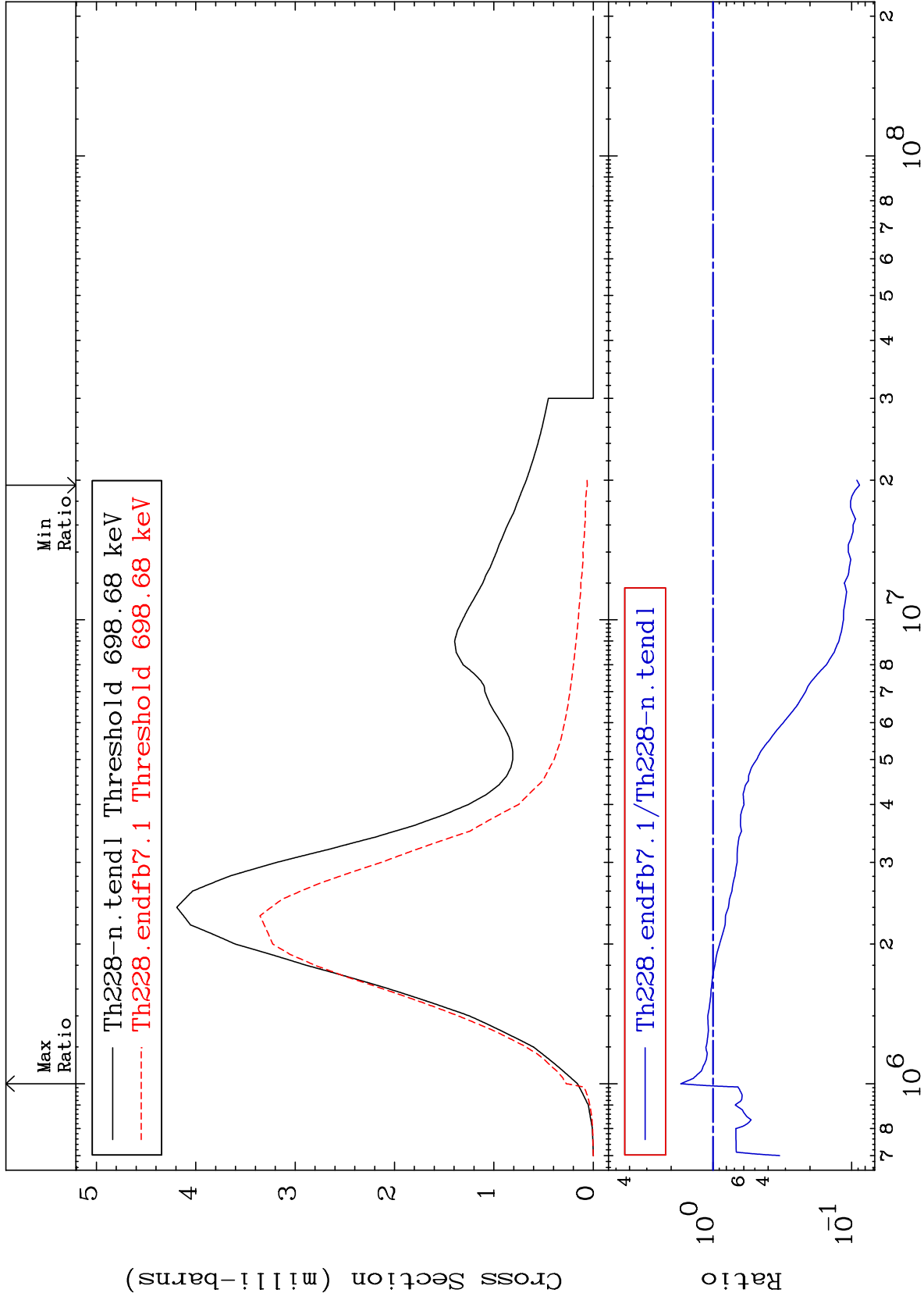
MAT 9028

695.6 keV (n,n') Level

90-Th-228

-91.22 To 70.62 %

Cross Section



18

Incident Energy (eV)

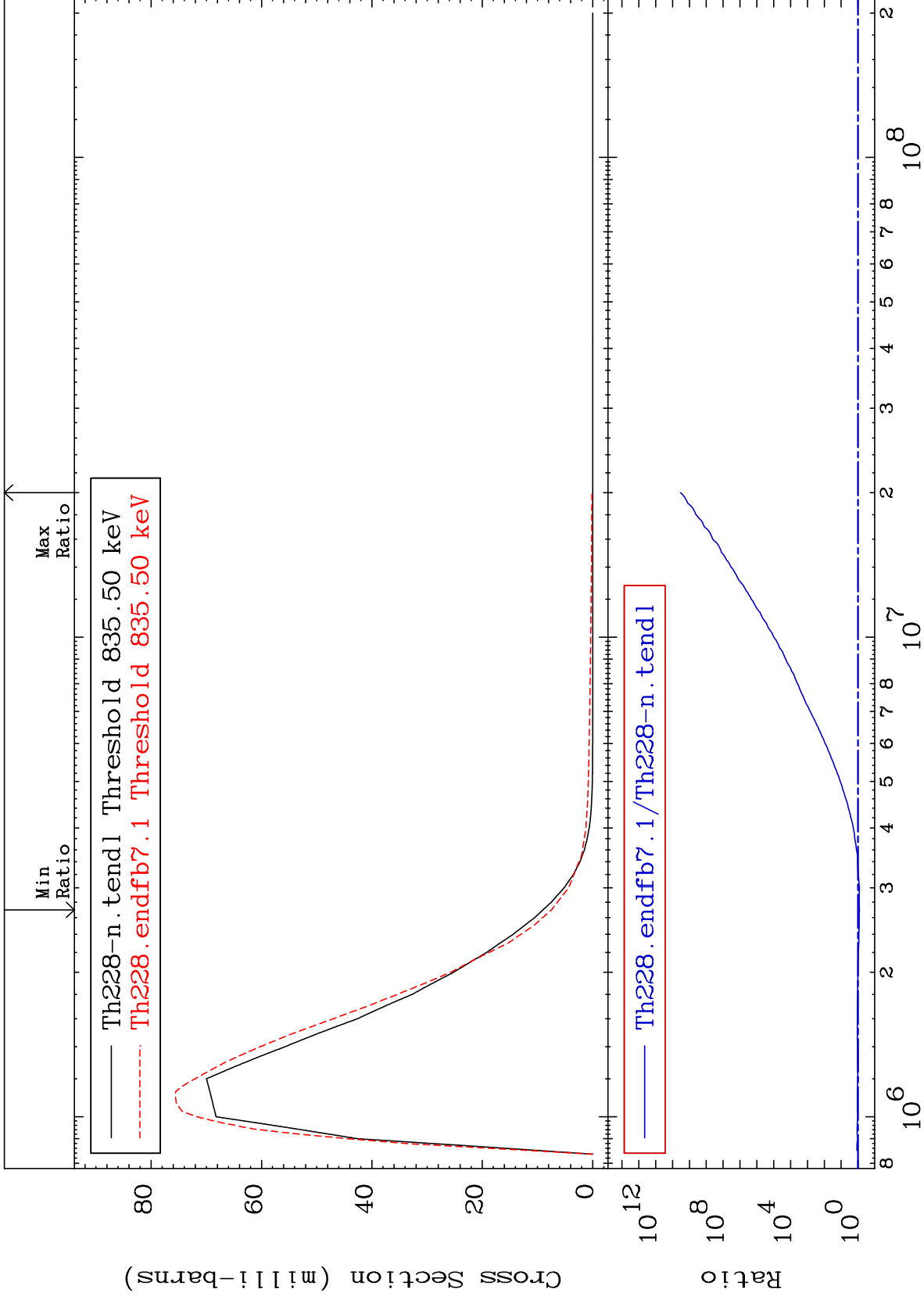
90-Th-228



MAT 9028

831.8 keV (n,n') Level  
Cross Section

90-Th-228  
-17.35 To 9999. %



19

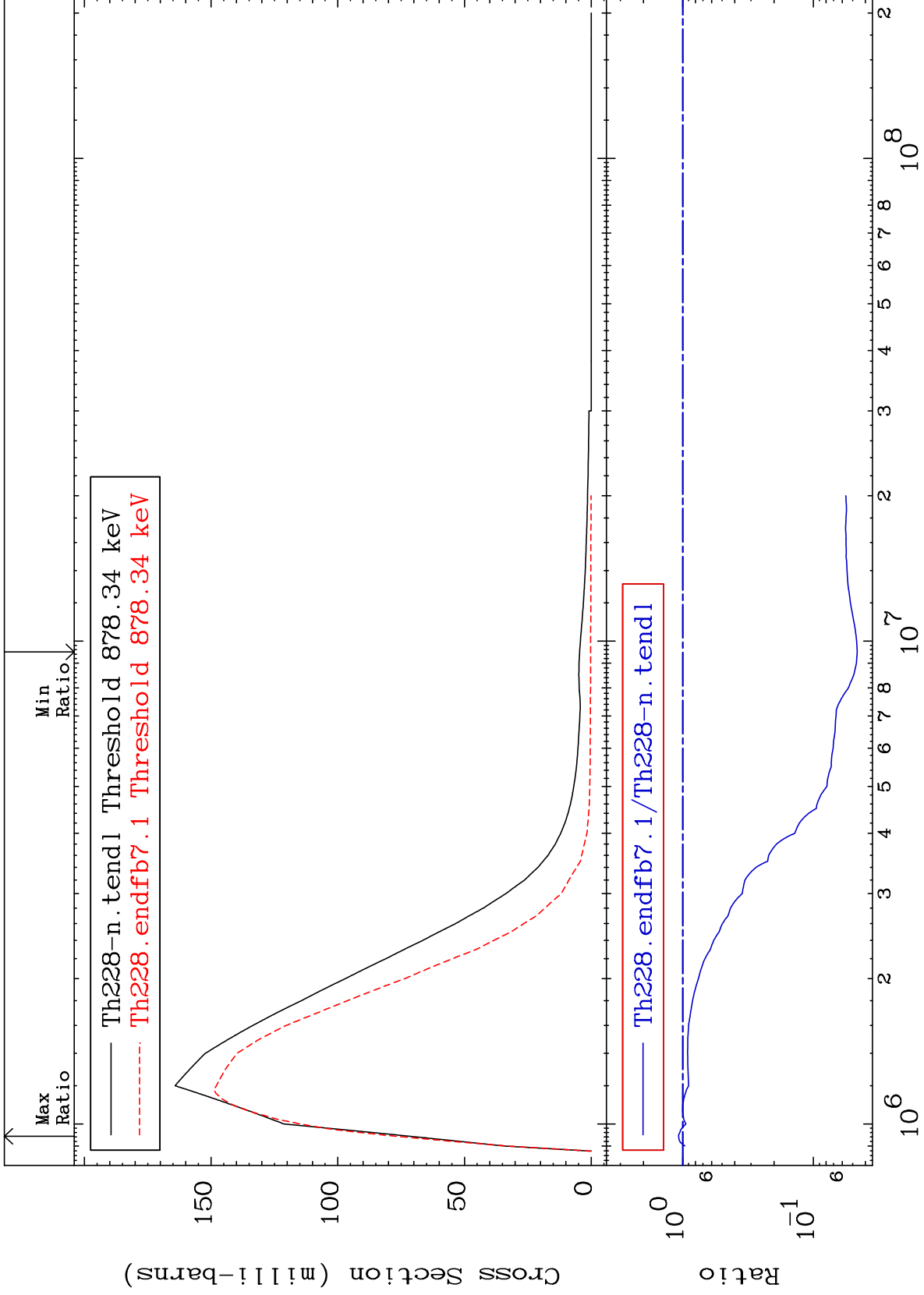
Incident Energy (eV)

90-Th-228

MAT 9028

874.5 keV (n,n') Level  
Cross Section

90-Th-228  
-95.39 To 7.409 %



20

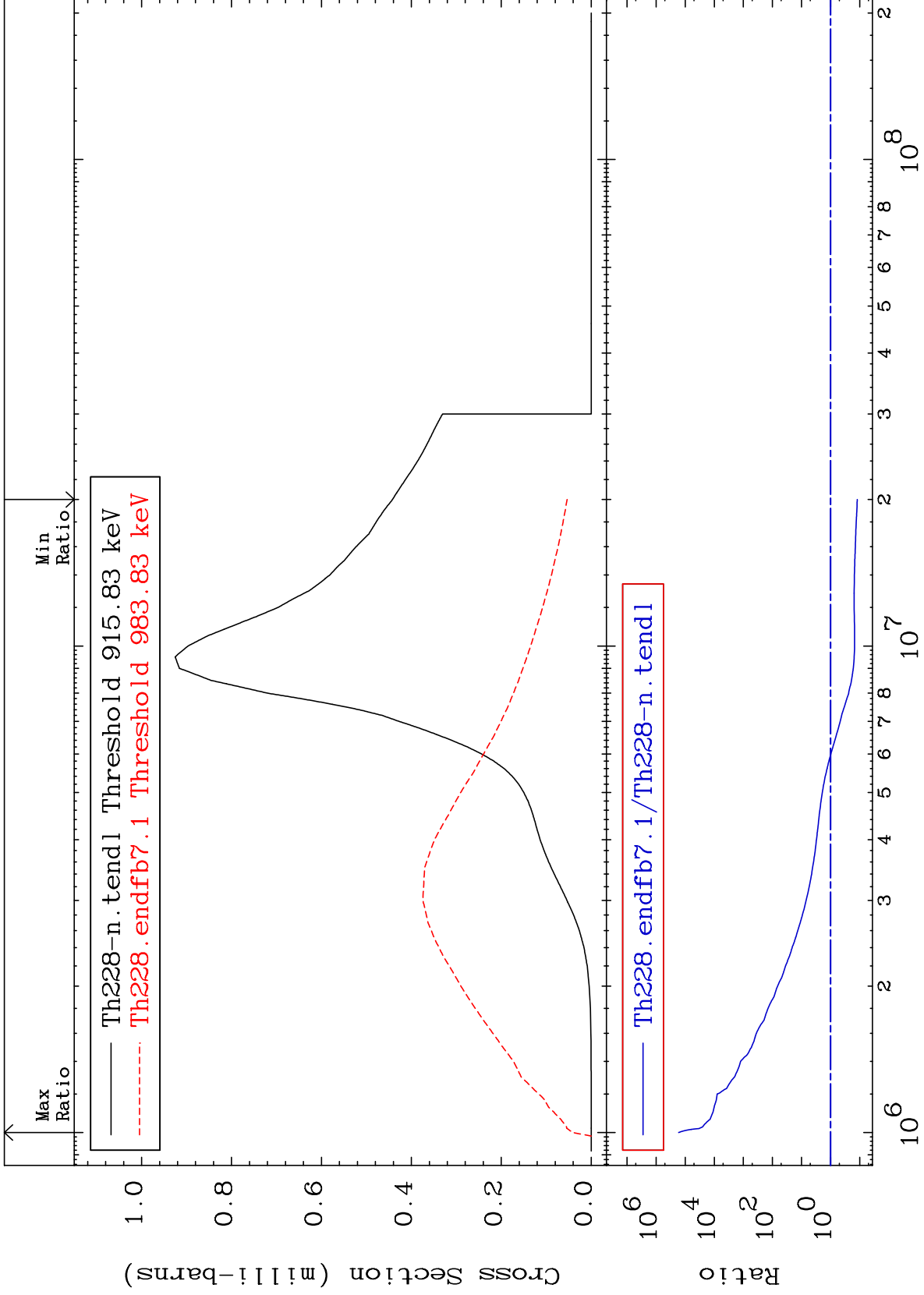
Incident Energy (eV)

90-Th-228

MAT 9028

911.8 keV (n,n') Level  
Cross Section

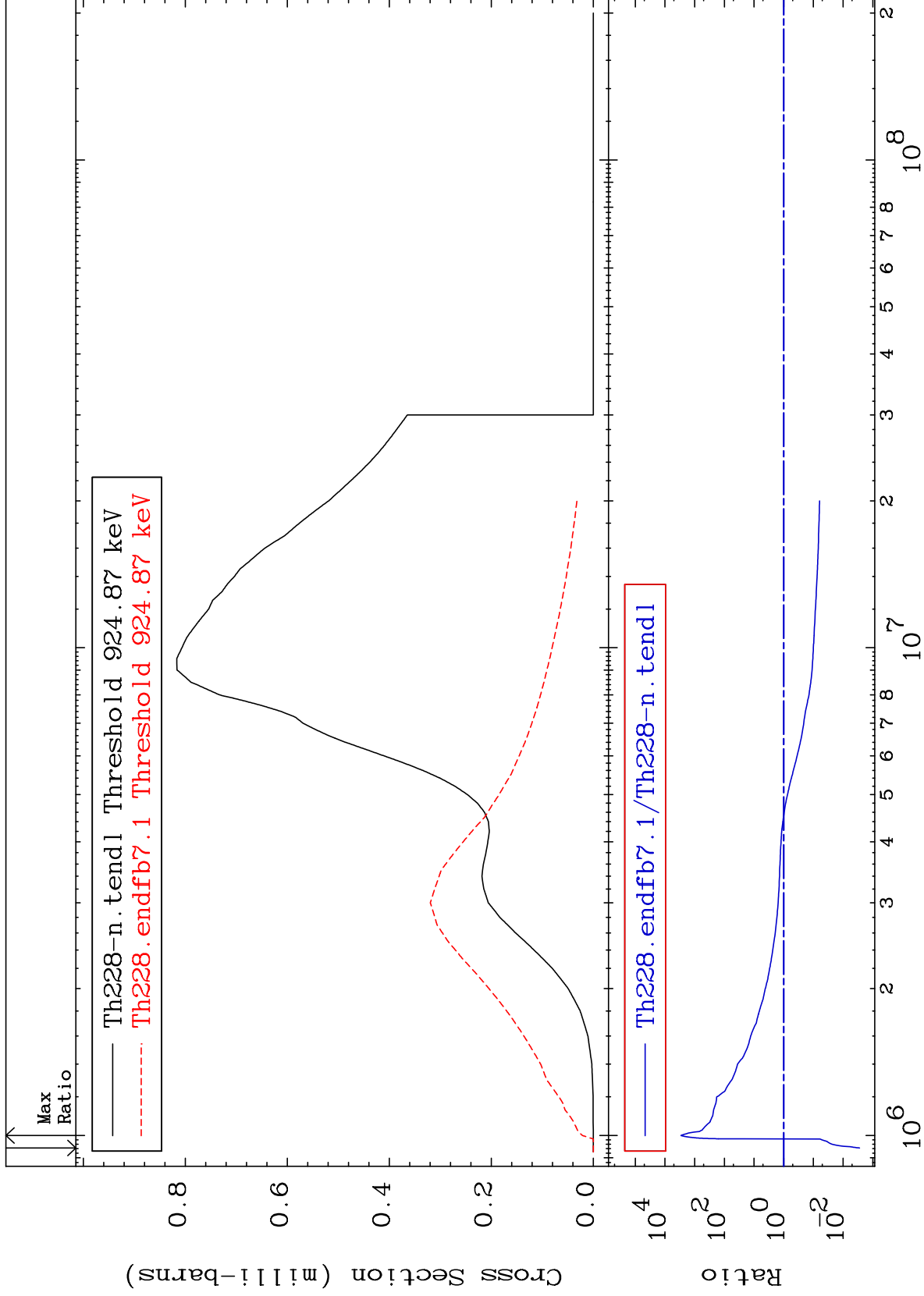
90-Th-228  
-87.87 To 9999. %



MAT 9028

920.8 keV (n,n') Level  
Cross Section

90-Th-228  
-99.72 To 9999. %



22

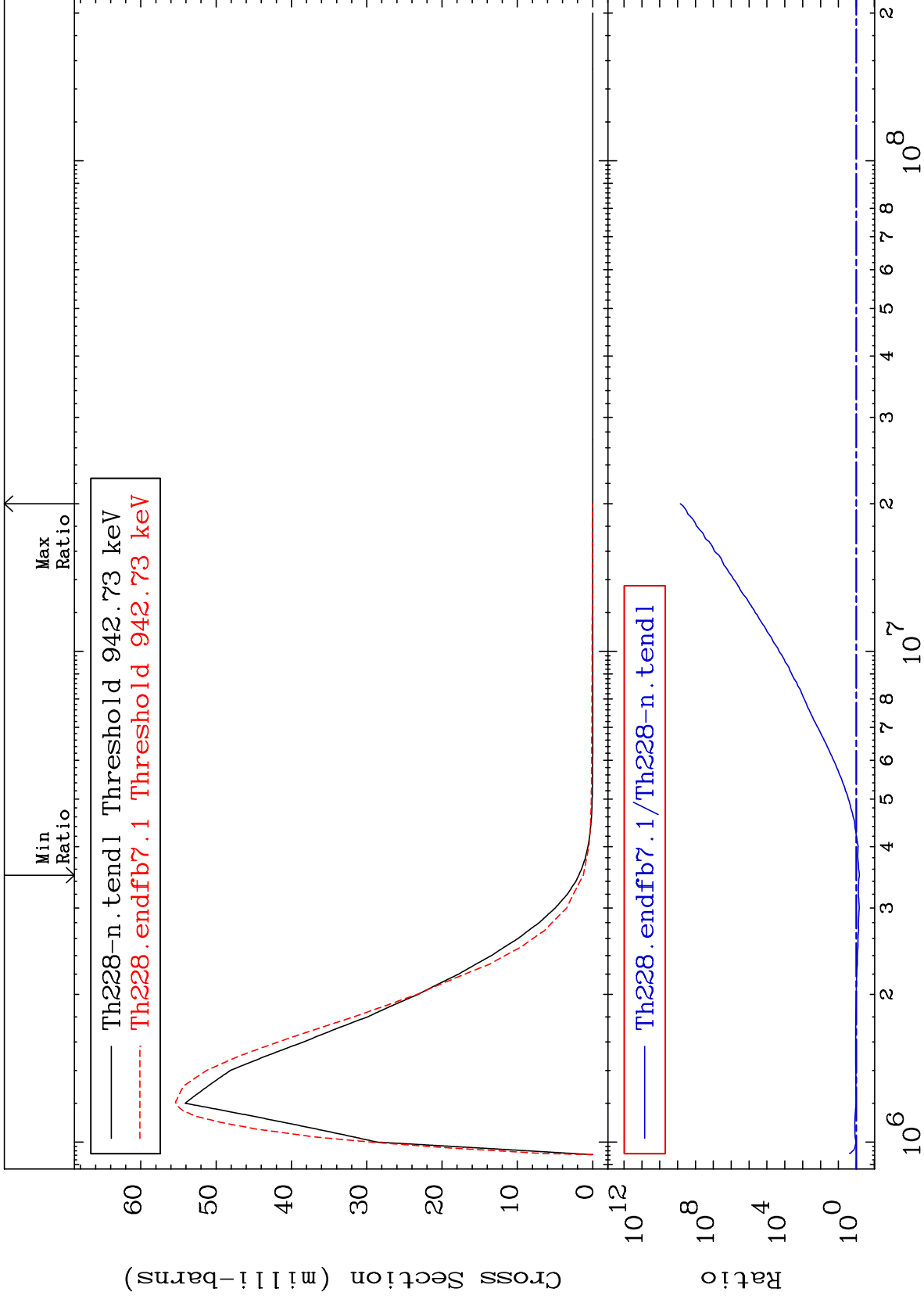
Incident Energy (eV)

90-Th-228

MAT 9028

938.6 keV (n,n') Level  
Cross Section

90-Th-228  
-33.29 To 9999. %



23

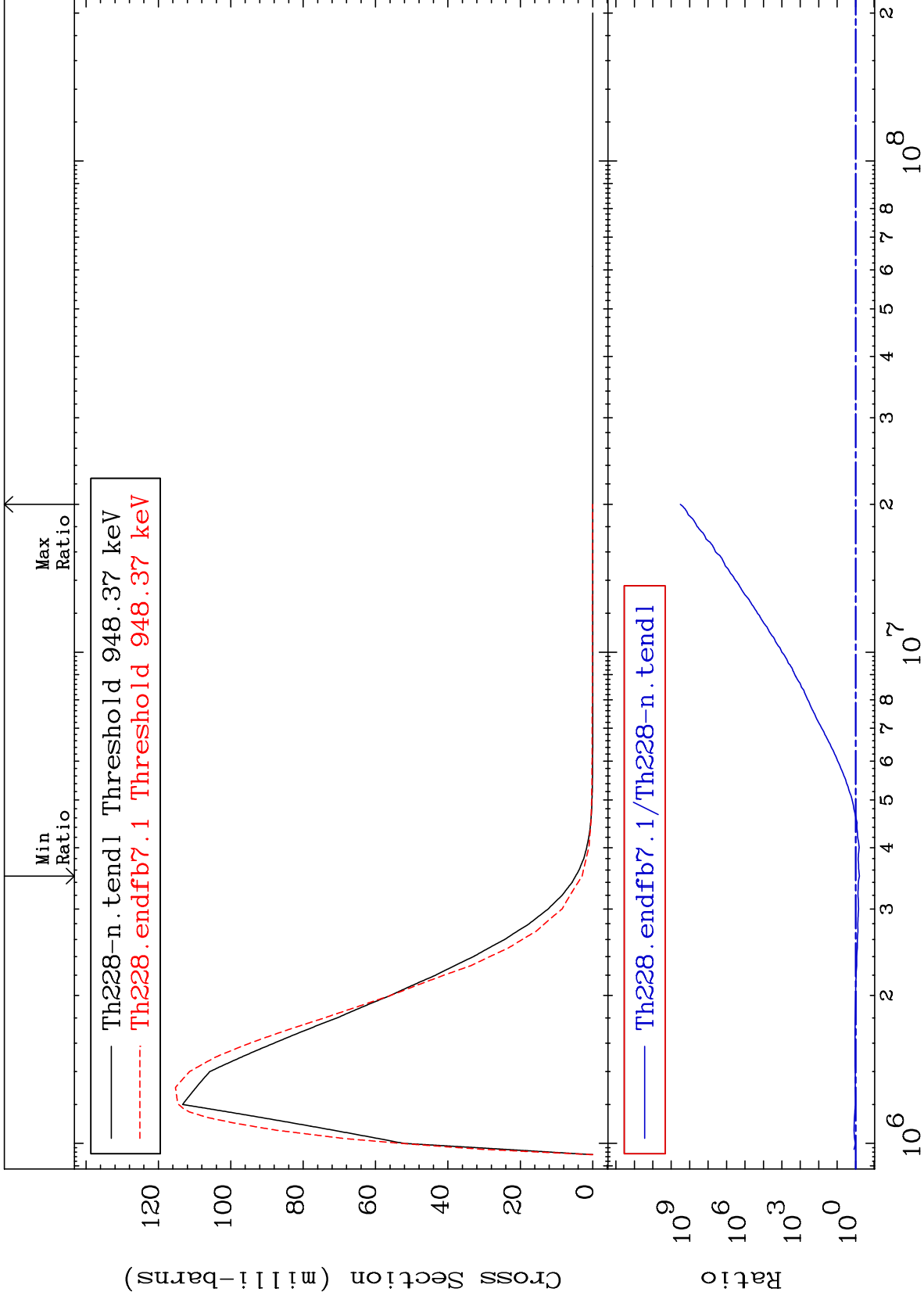
Incident Energy (eV)

90-Th-228

MAT 9028

944.2 keV (n,n') Level  
Cross Section

90-Th-228  
-37.85 To 9999. %



24

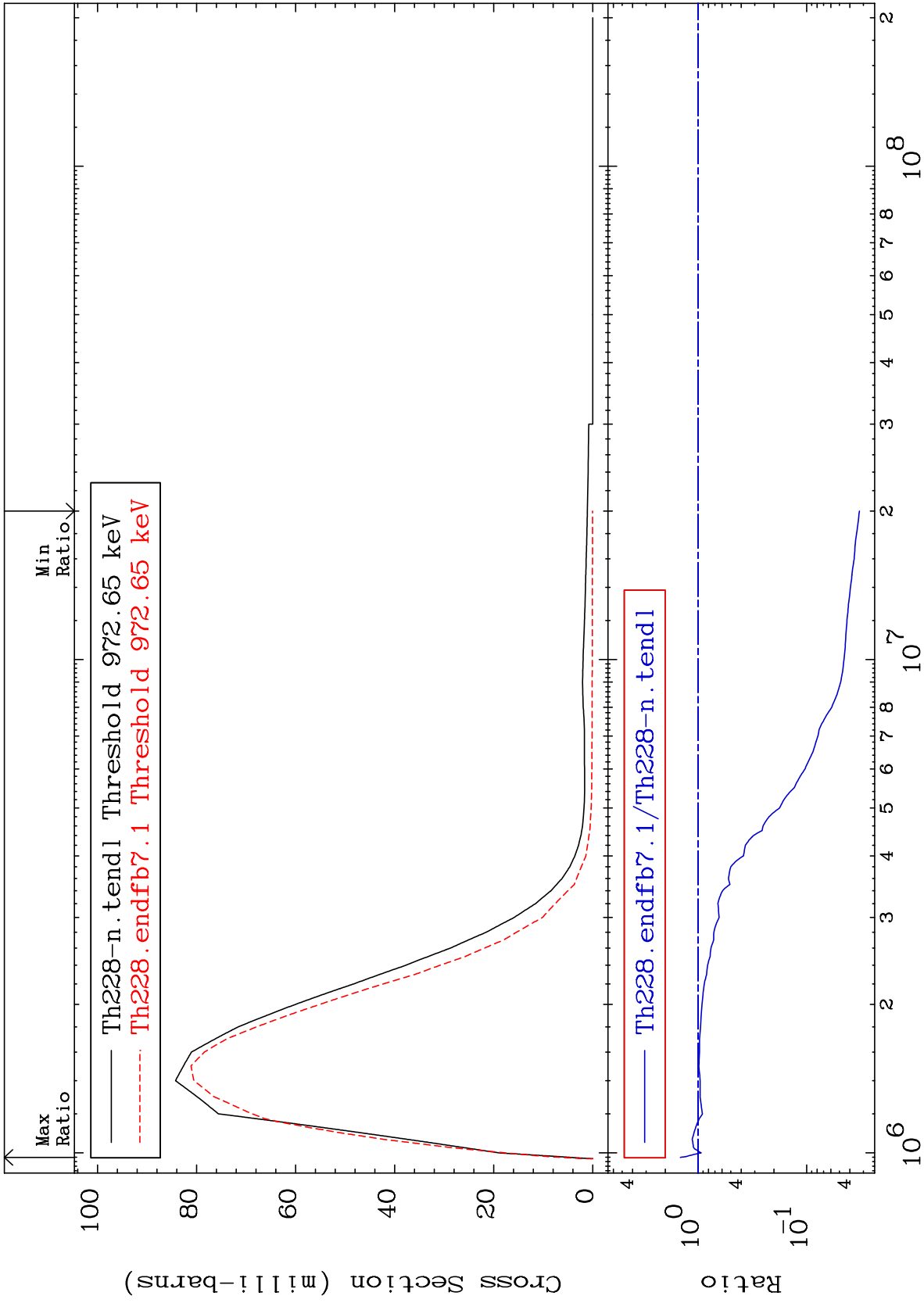
Incident Energy (eV)

90-Th-228

MAT 9028

968.4 keV (n,n') Level  
Cross Section

90-Th-228  
-96.73 To 45.33 %



25

90-Th-228

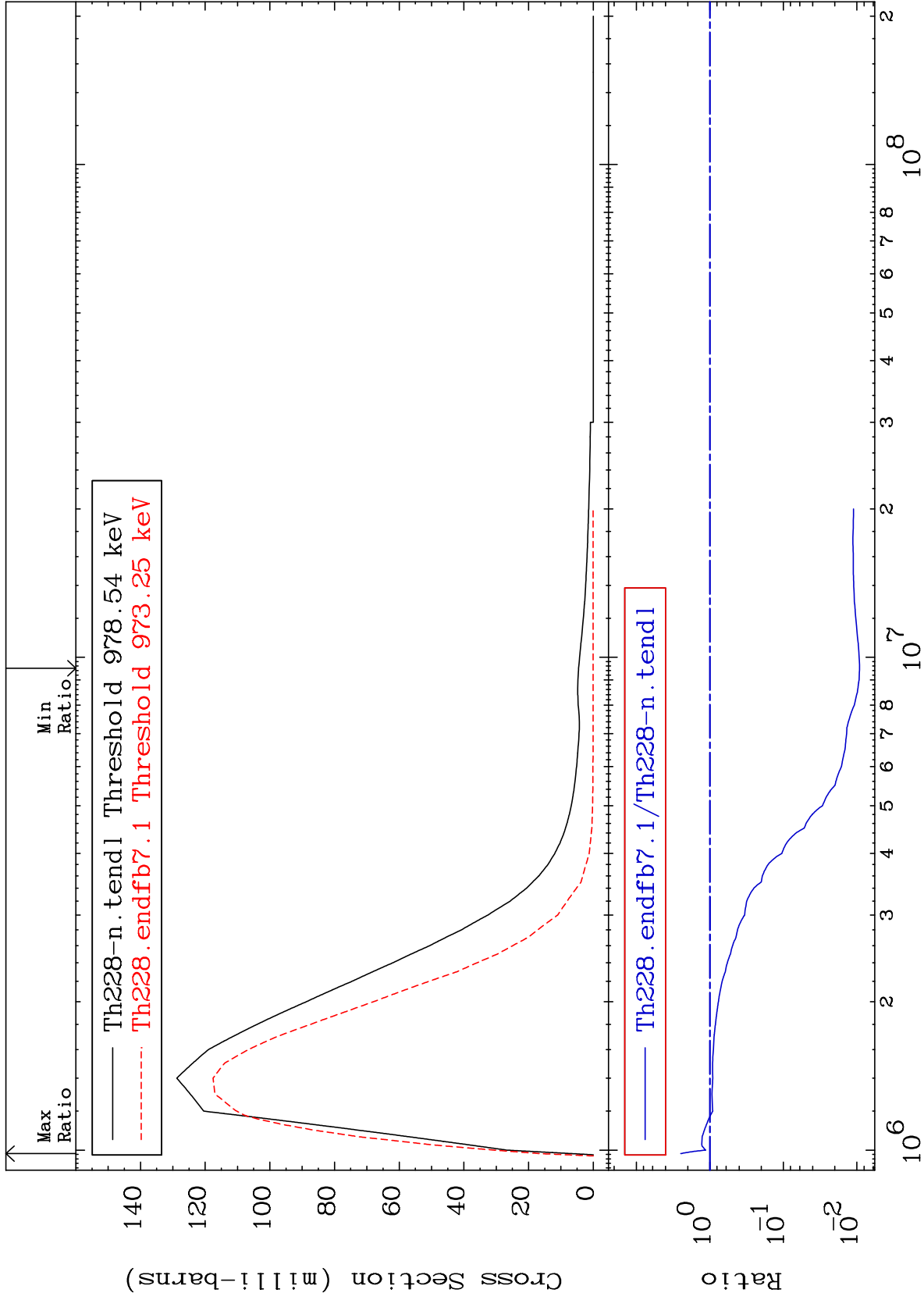
MAT 9028

974.2 keV (n,n') Level

90-Th-228

Cross Section

-99.08 To 148.7 %



26

Incident Energy (eV)

90-Th-228



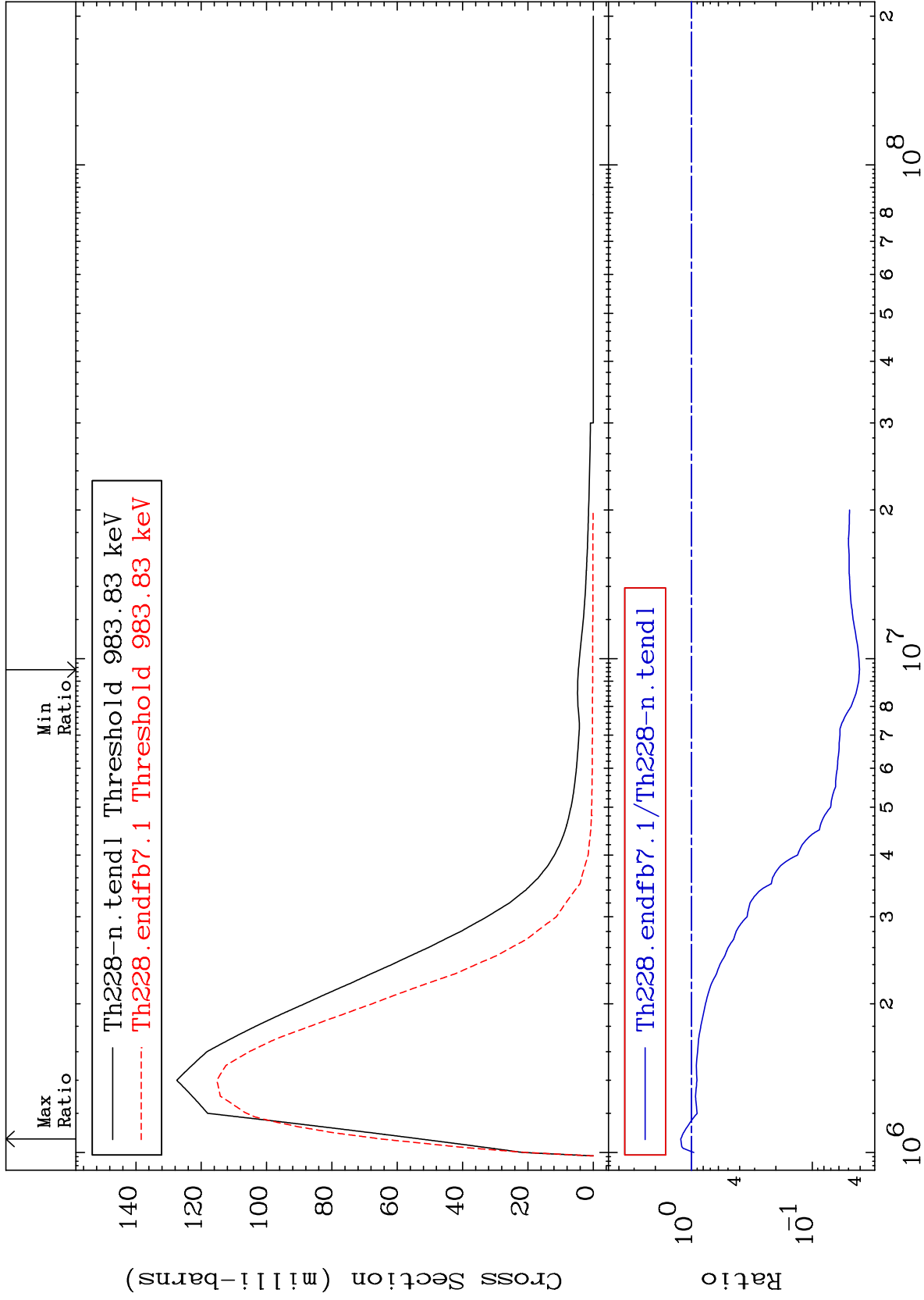
MAT 9028

979.5 keV (n,n') Level

90-Th-228

Cross Section

-95.95 To 23.00 %



27

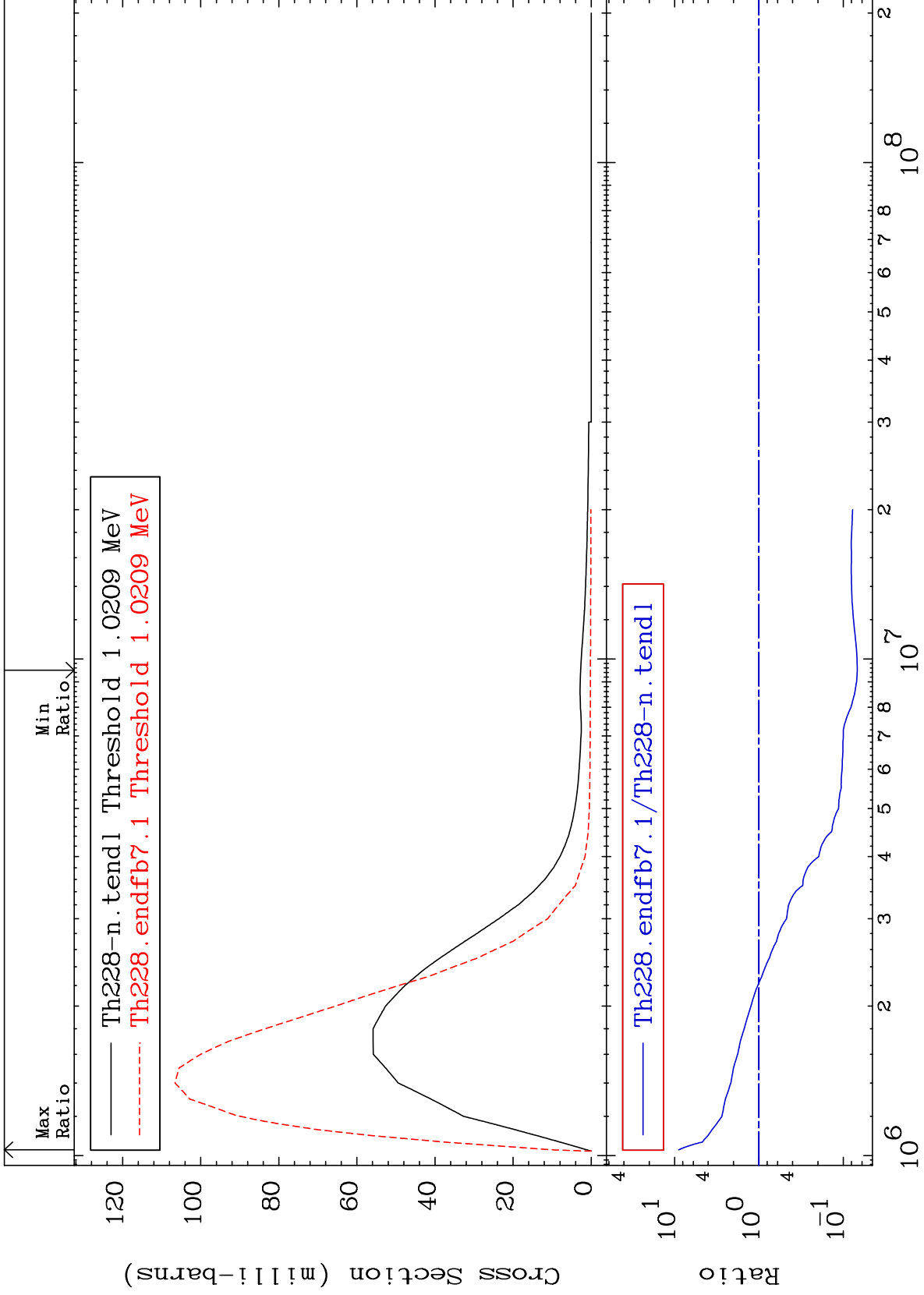
Incident Energy (eV)

90-Th-228

MAT 9028

1.016 MeV (n,n') Level  
Cross Section

90-Th-228  
-93.17 To 795.7 %



28

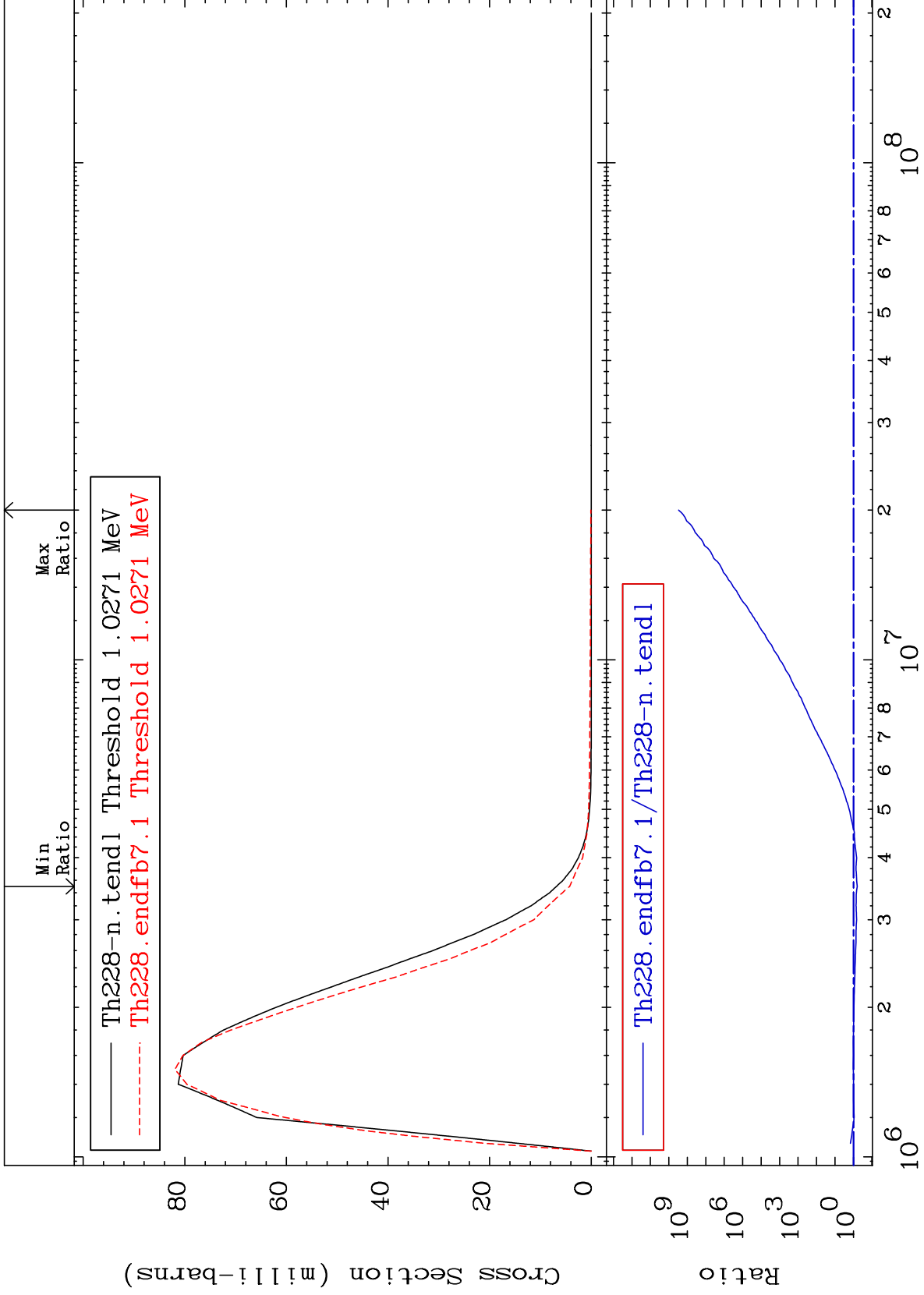
Incident Energy (eV)

90-Th-228

MAT 9028

1.023 MeV (n,n') Level  
Cross Section

90-Th-228  
-38.11 To 9999. %



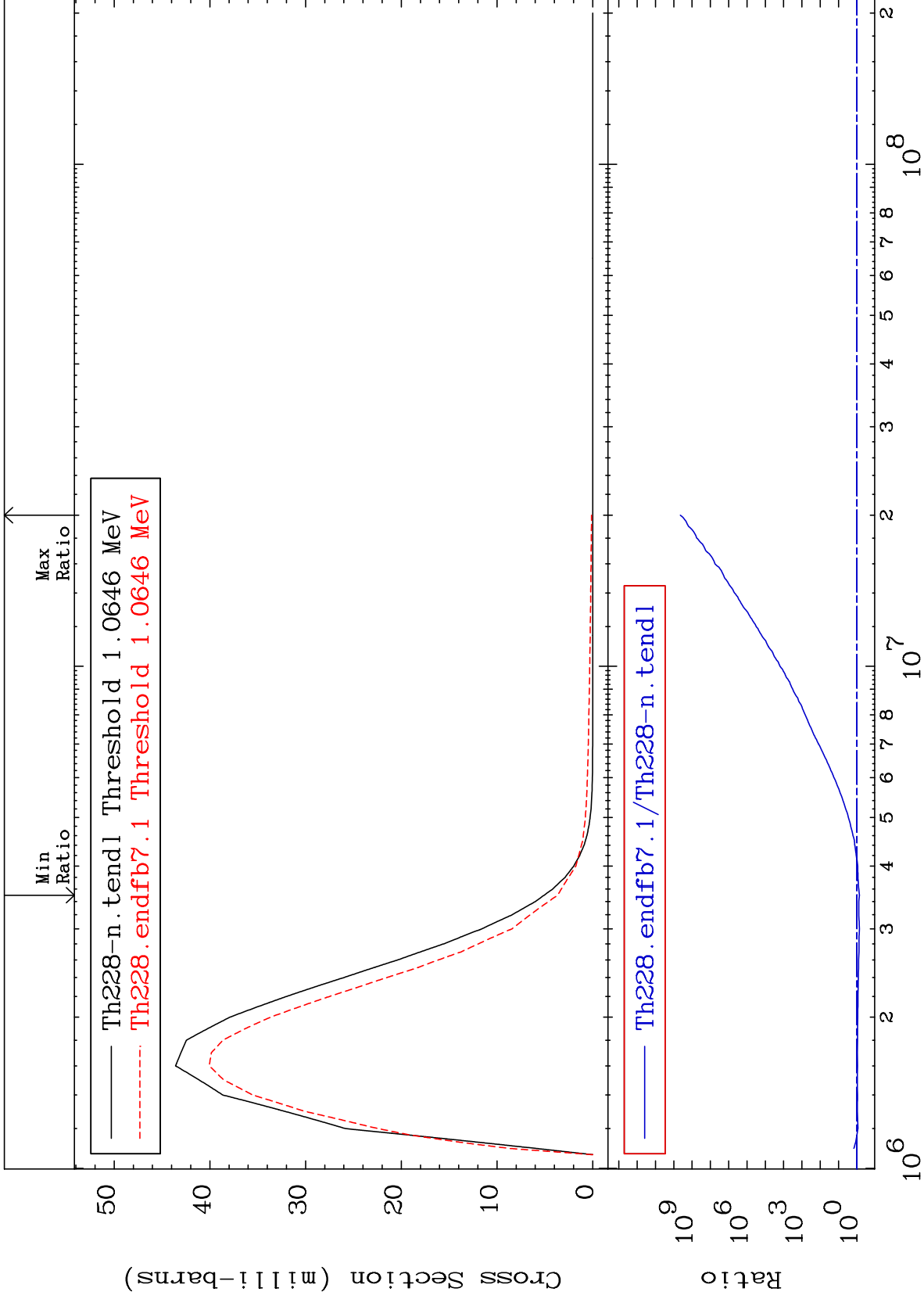
29

90-Th-228

MAT 9028

1.060 MeV (n,n') Level  
Cross Section

90-Th-228  
-27.91 To 9999. %

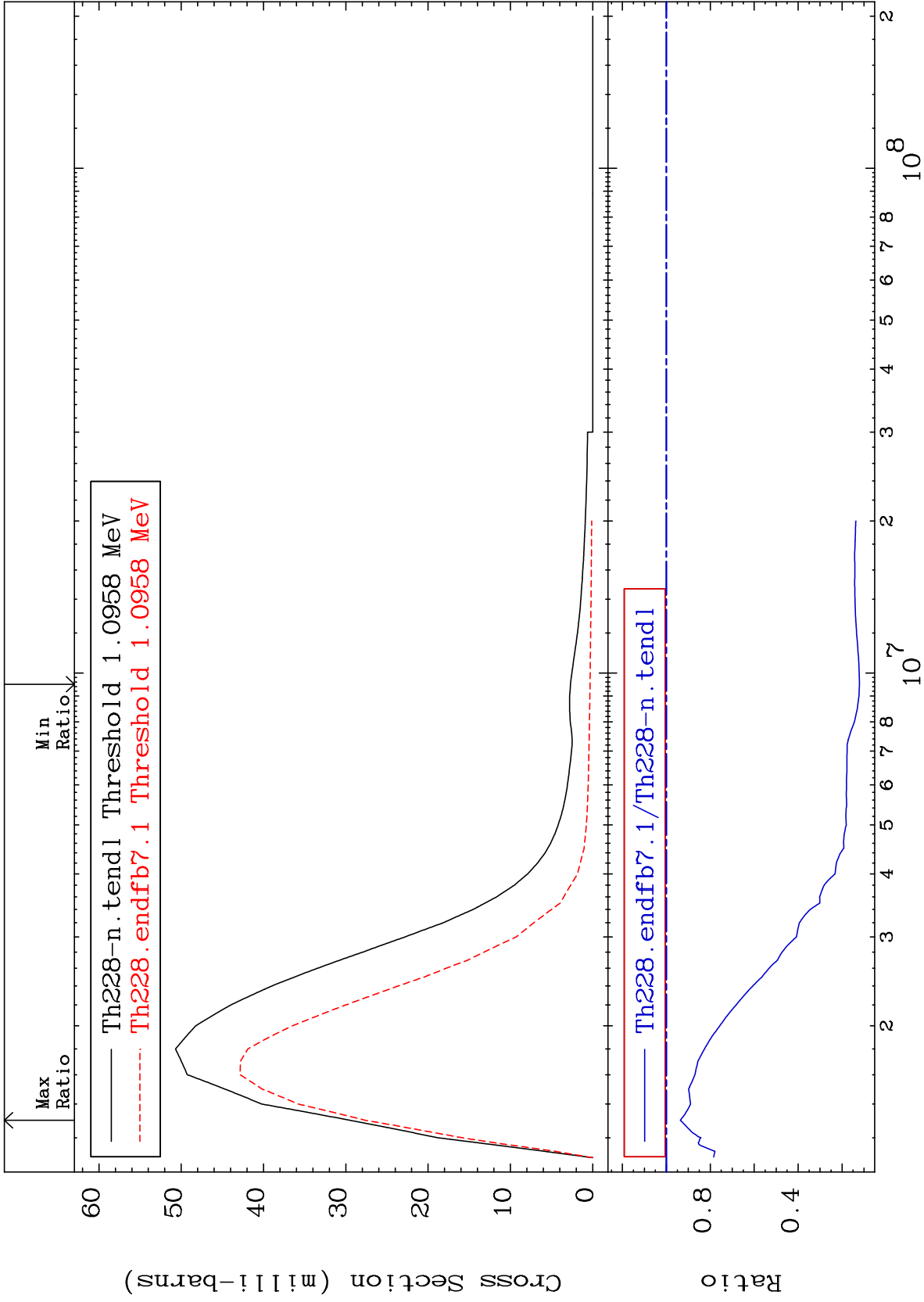


Incident Energy (eV)

30

90-Th-228

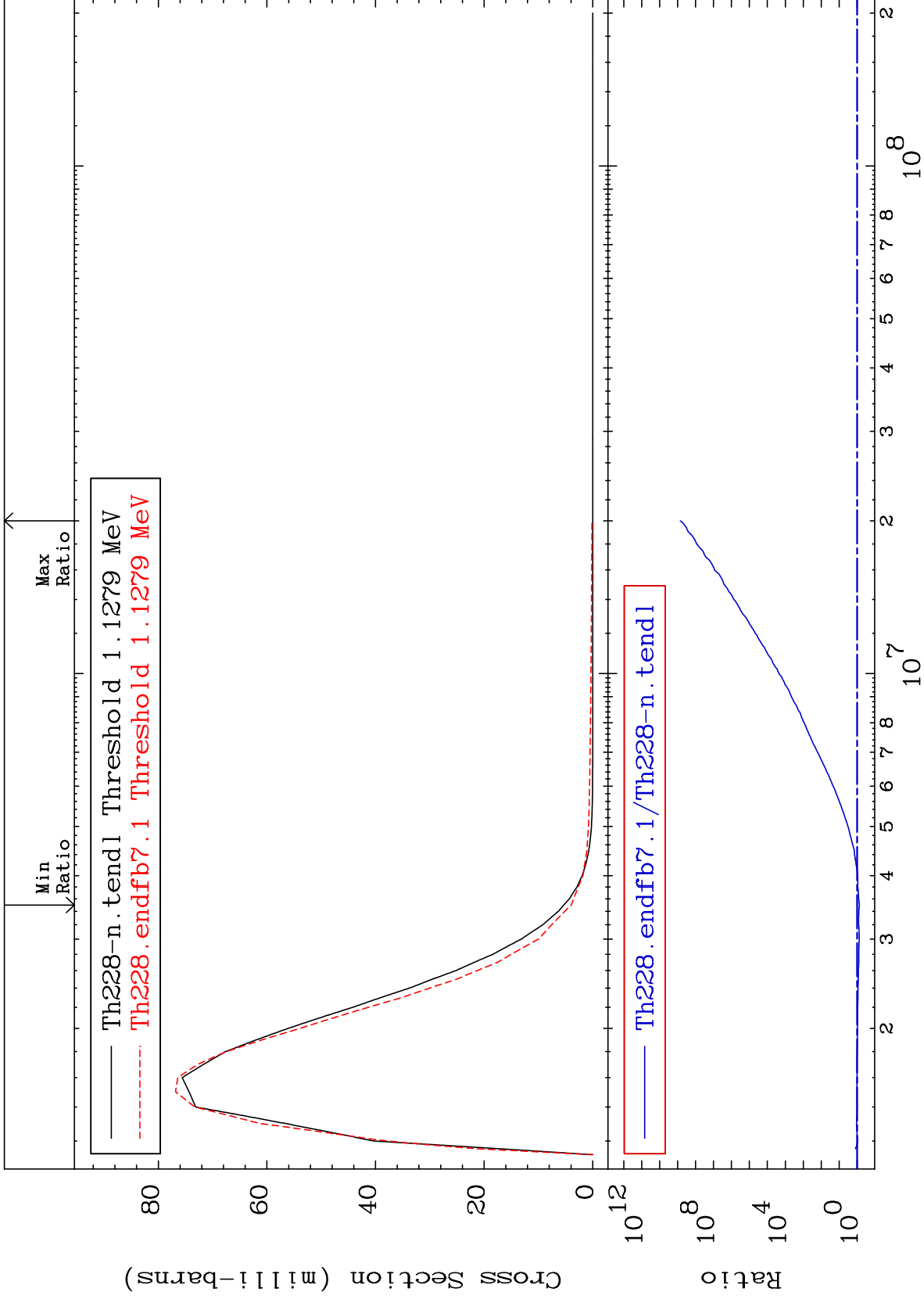
MAT 9028      1.091 MeV (n,n') Level      90-Th-228  
 Cross Section      -87.93 To -6.384%



MAT 9028

1.123 MeV (n,n') Level  
Cross Section

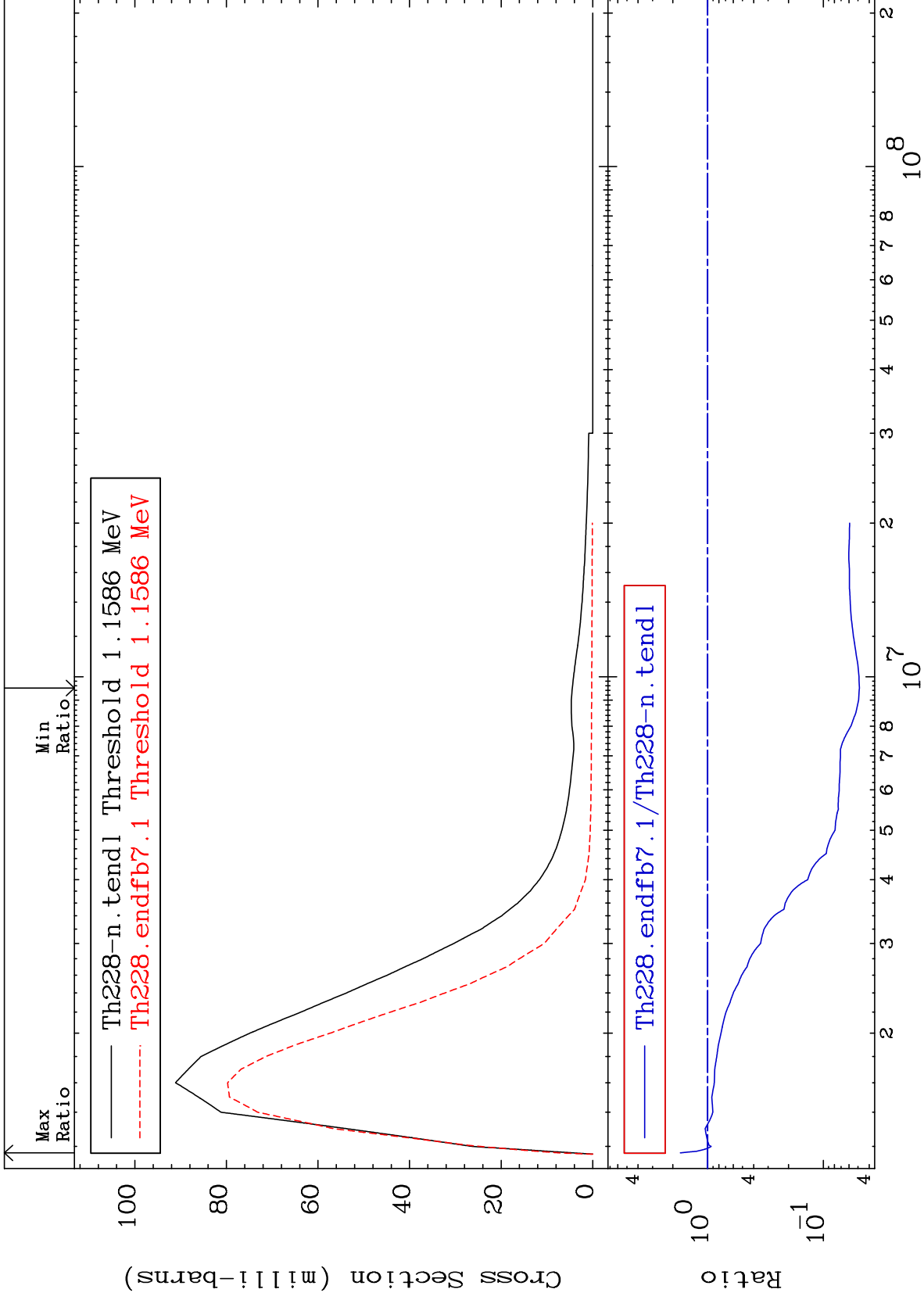
90-Th-228  
-25.65 To 9999. %



MAT 9028

1.153 MeV (n,n') Level  
Cross Section

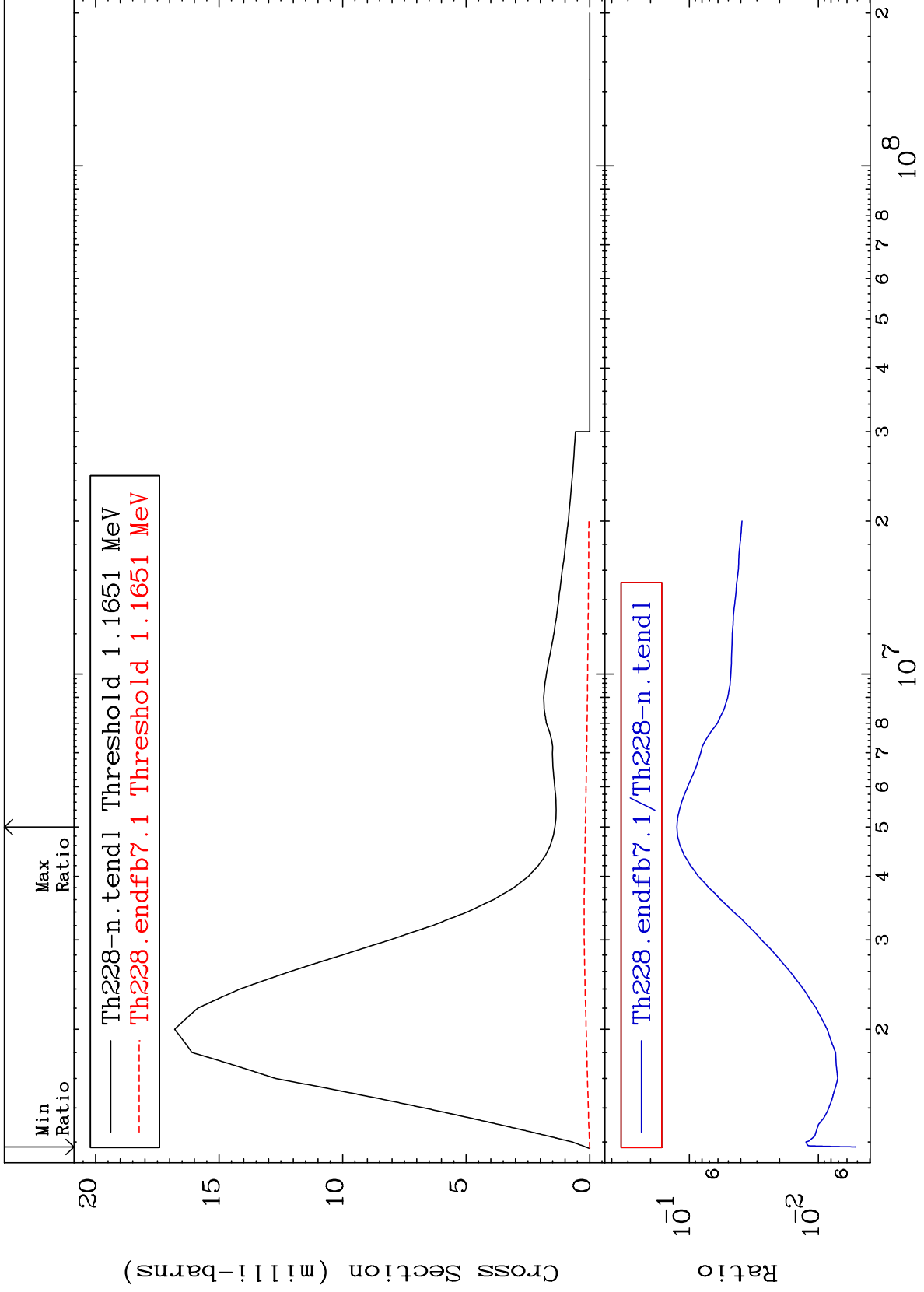
90-Th-228  
-95.13 To 72.29 %



MAT 9028

1.160 MeV (n,n') Level  
Cross Section

90-Th-228  
-99.48 To -87.50%

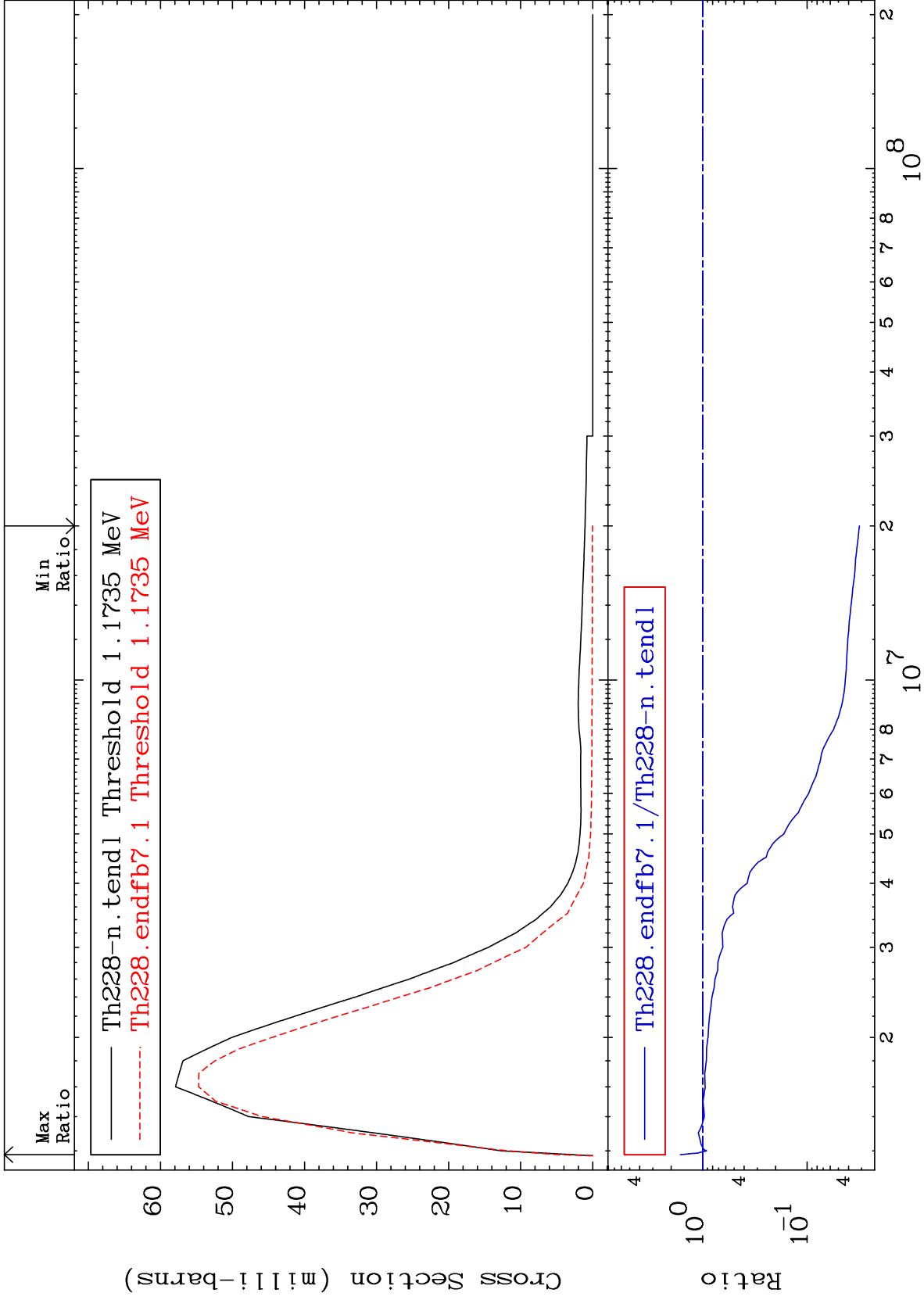




MAT 9028

1.168 MeV (n,n') Level  
Cross Section

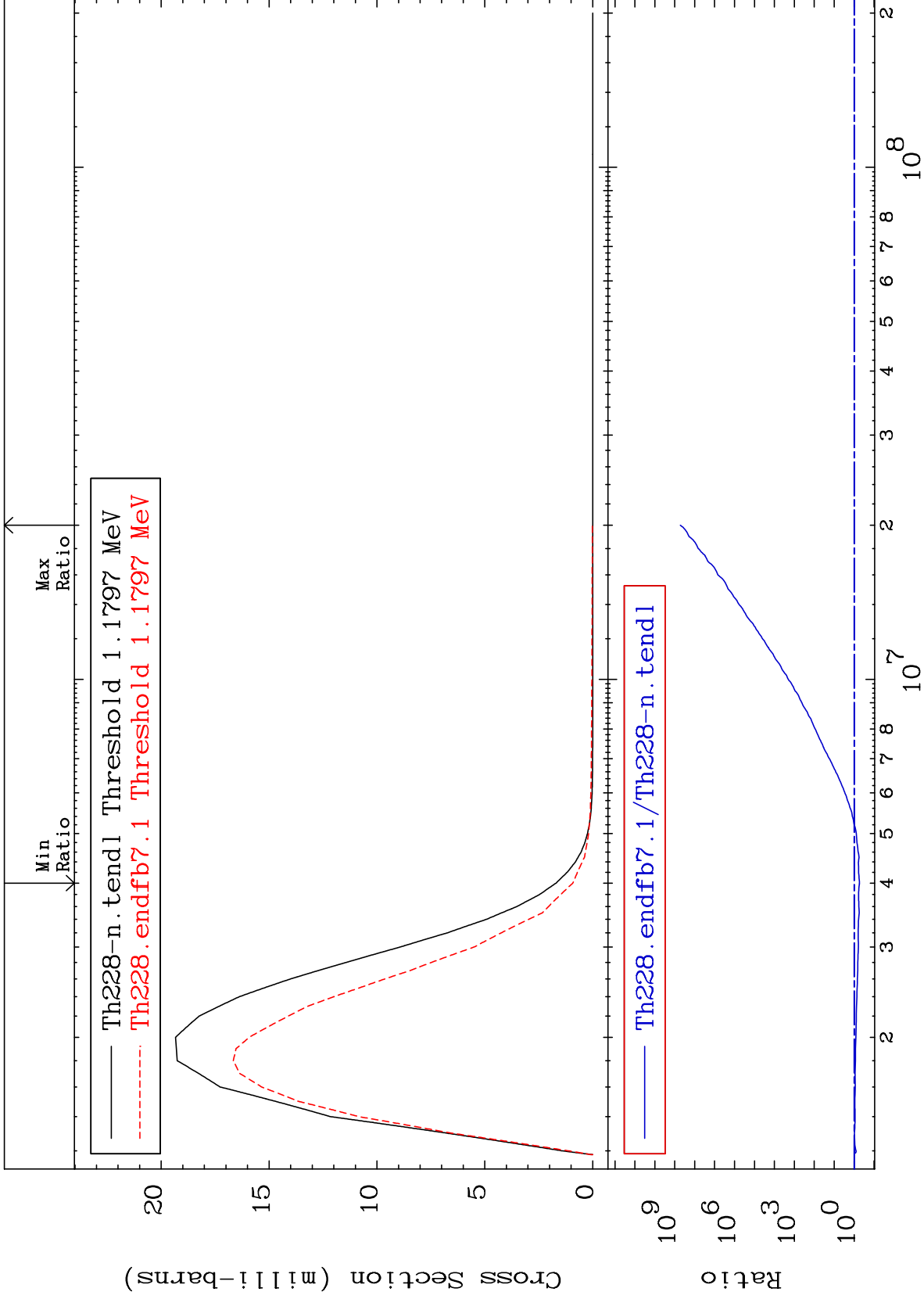
90-Th-228  
-96.85 To 63.26 %



MAT 9028

1.175 MeV (n,n') Level  
Cross Section

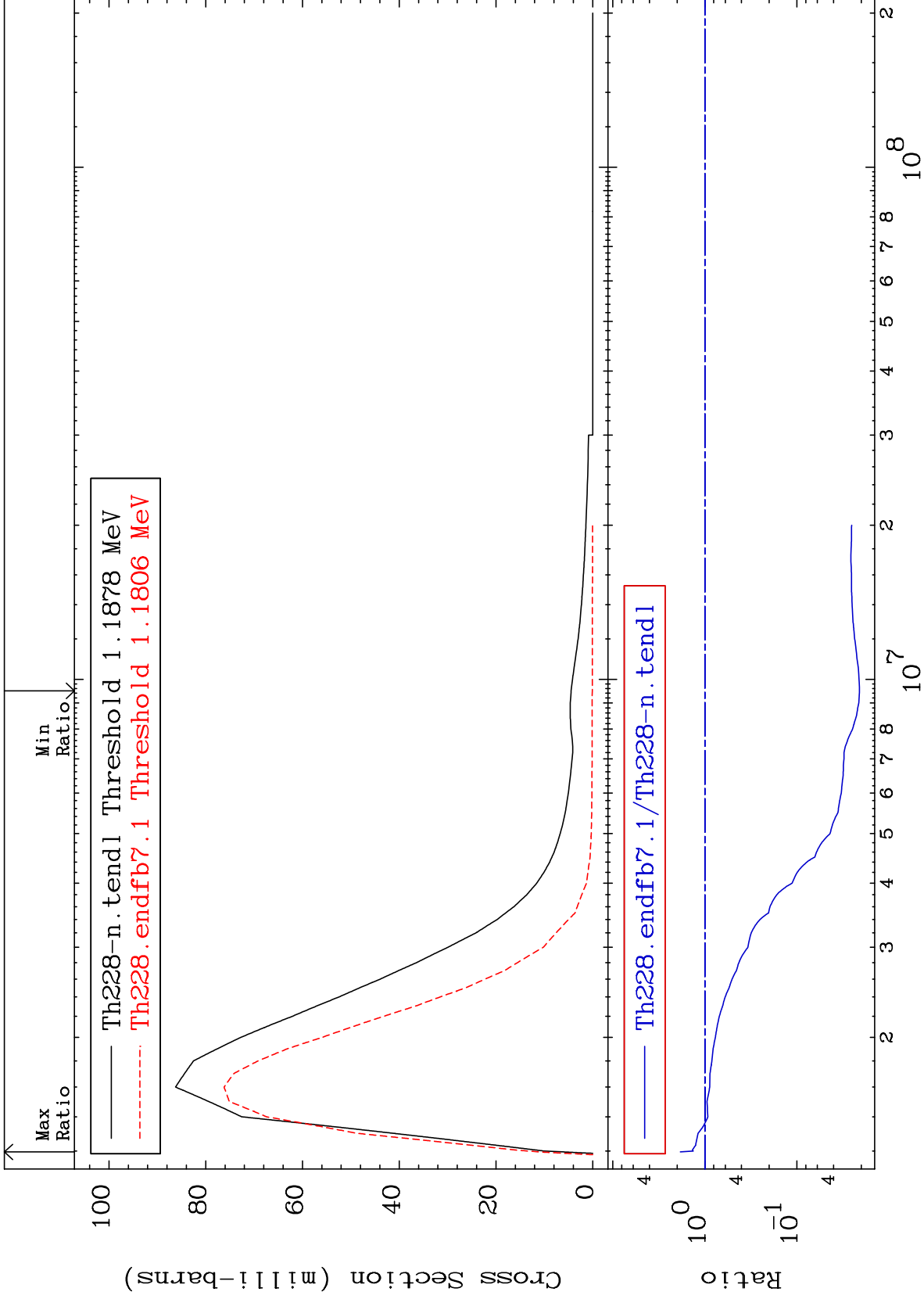
90-Th-228  
-45.72 To 9999. %



MAT 9028

1.183 MeV (n,n') Level  
Cross Section

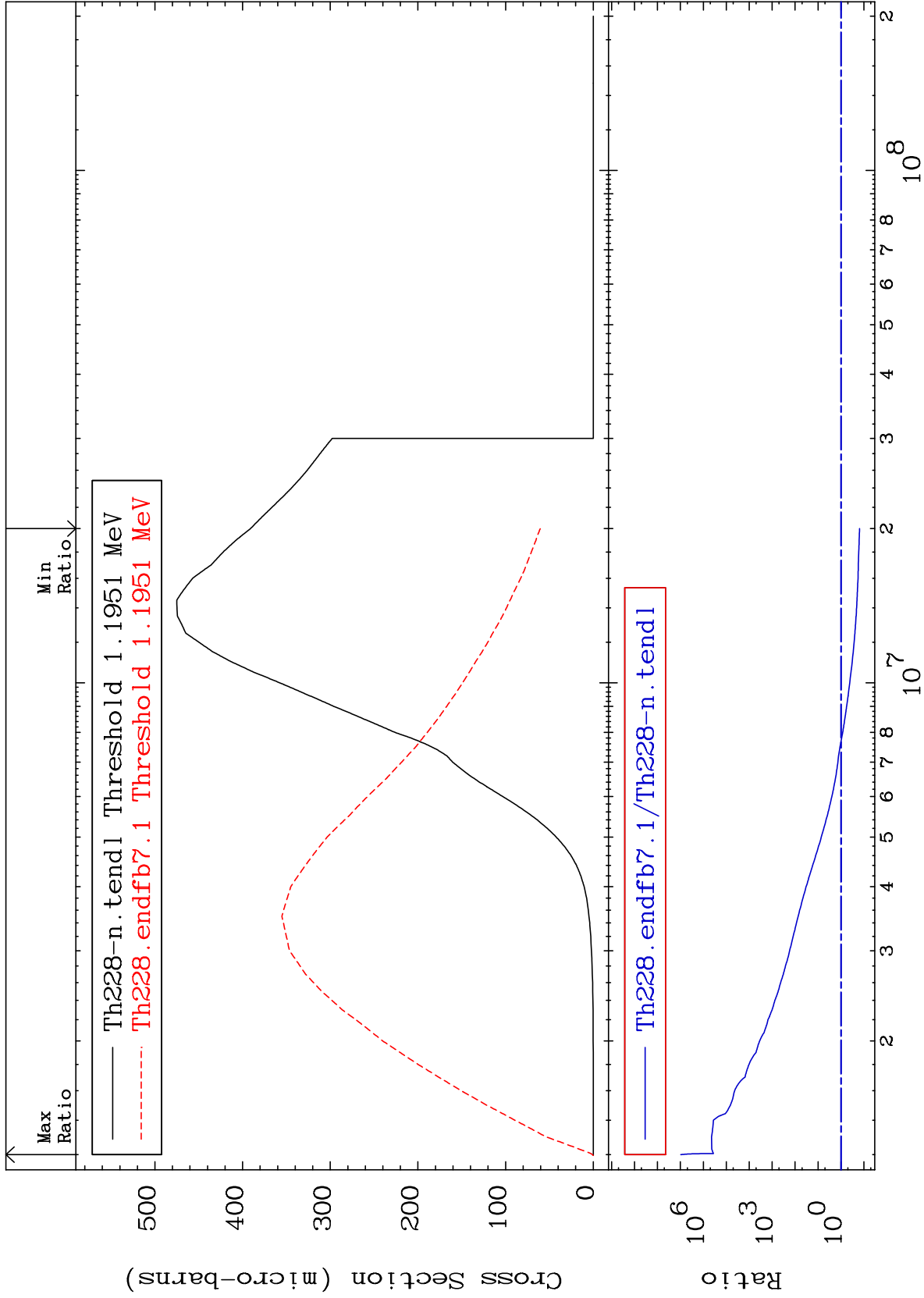
90-Th-228  
-97.90 To 84.34 %



MAT 9028

1.190 MeV (n,n') Level  
Cross Section

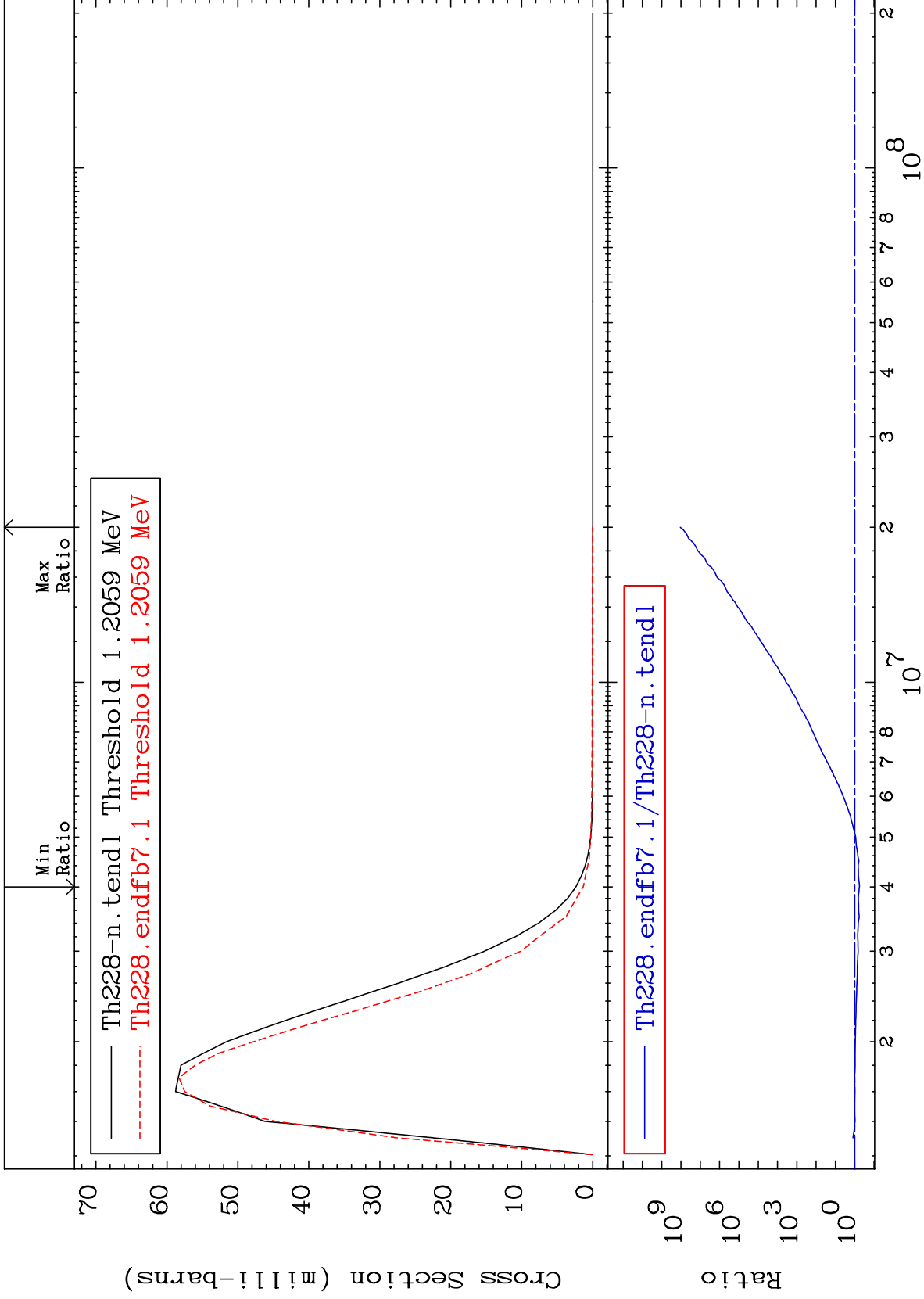
90-Th-228  
-84.52 To 9999. %



MAT 9028

1.201 MeV (n,n') Level  
Cross Section

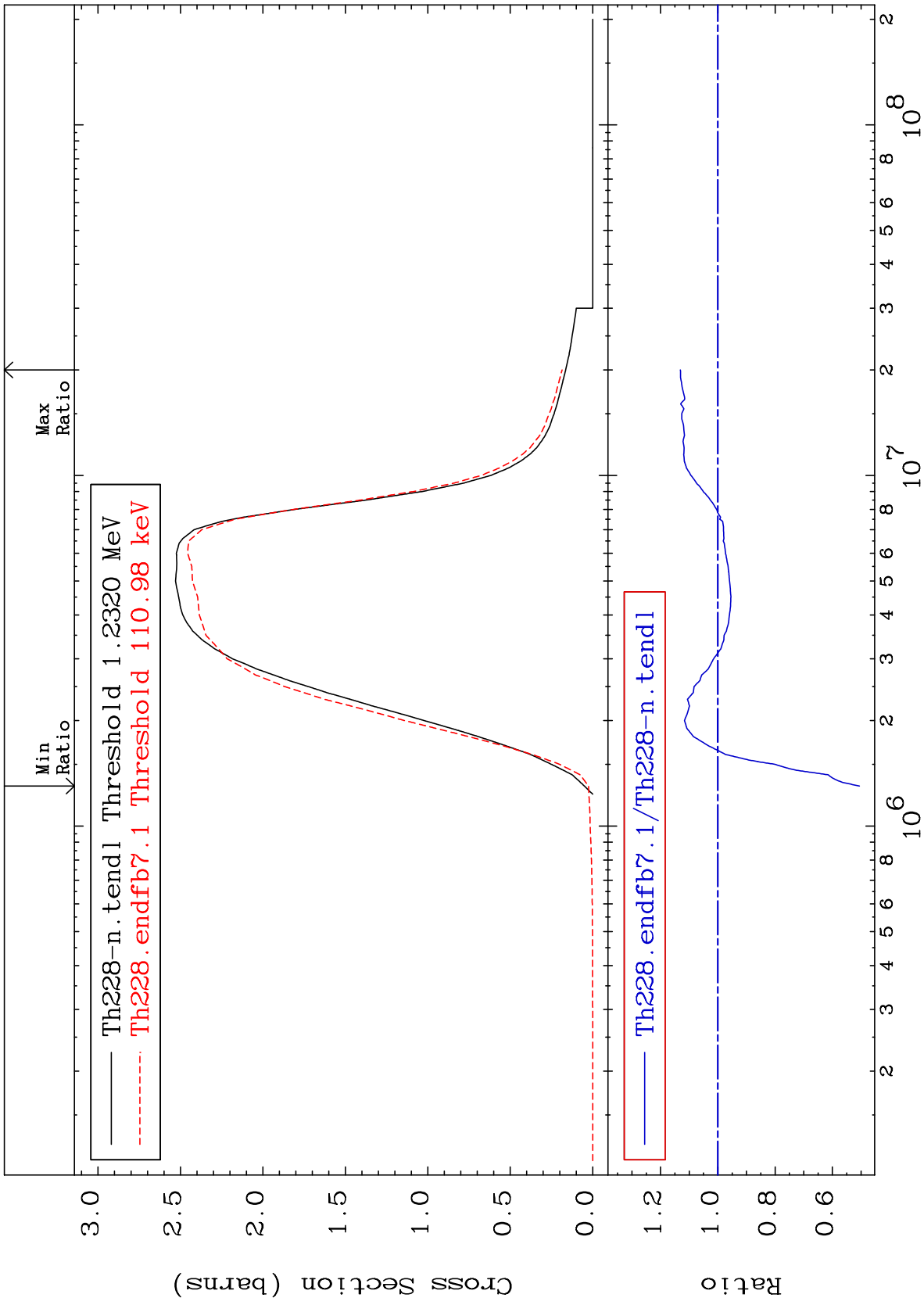
90-Th-228  
-43.30 To 9999. %



MAT 9028

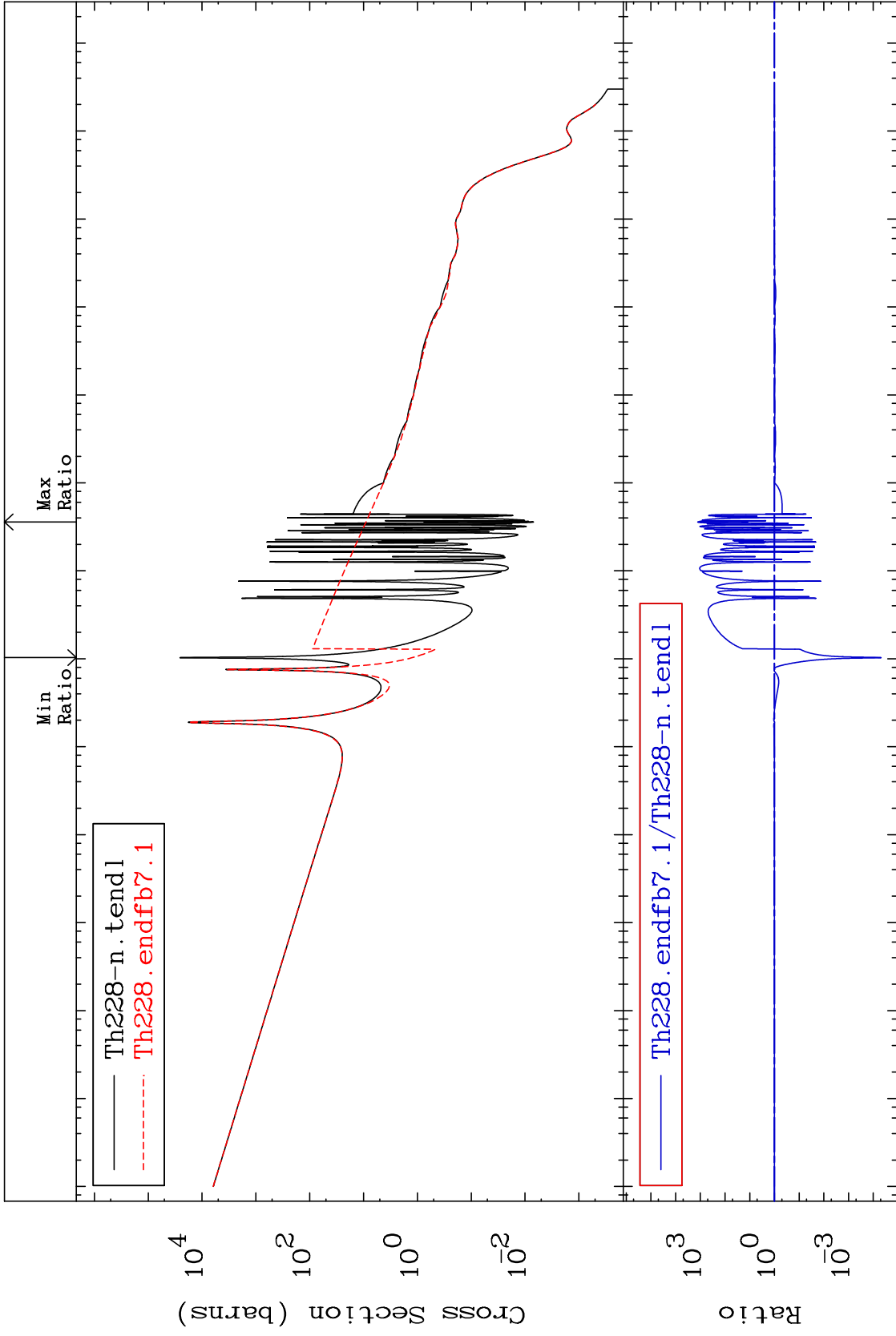
(n, n') Continuum  
Cross Section

90-Th-228  
-49.44 To 13.09 %



MAT 9028

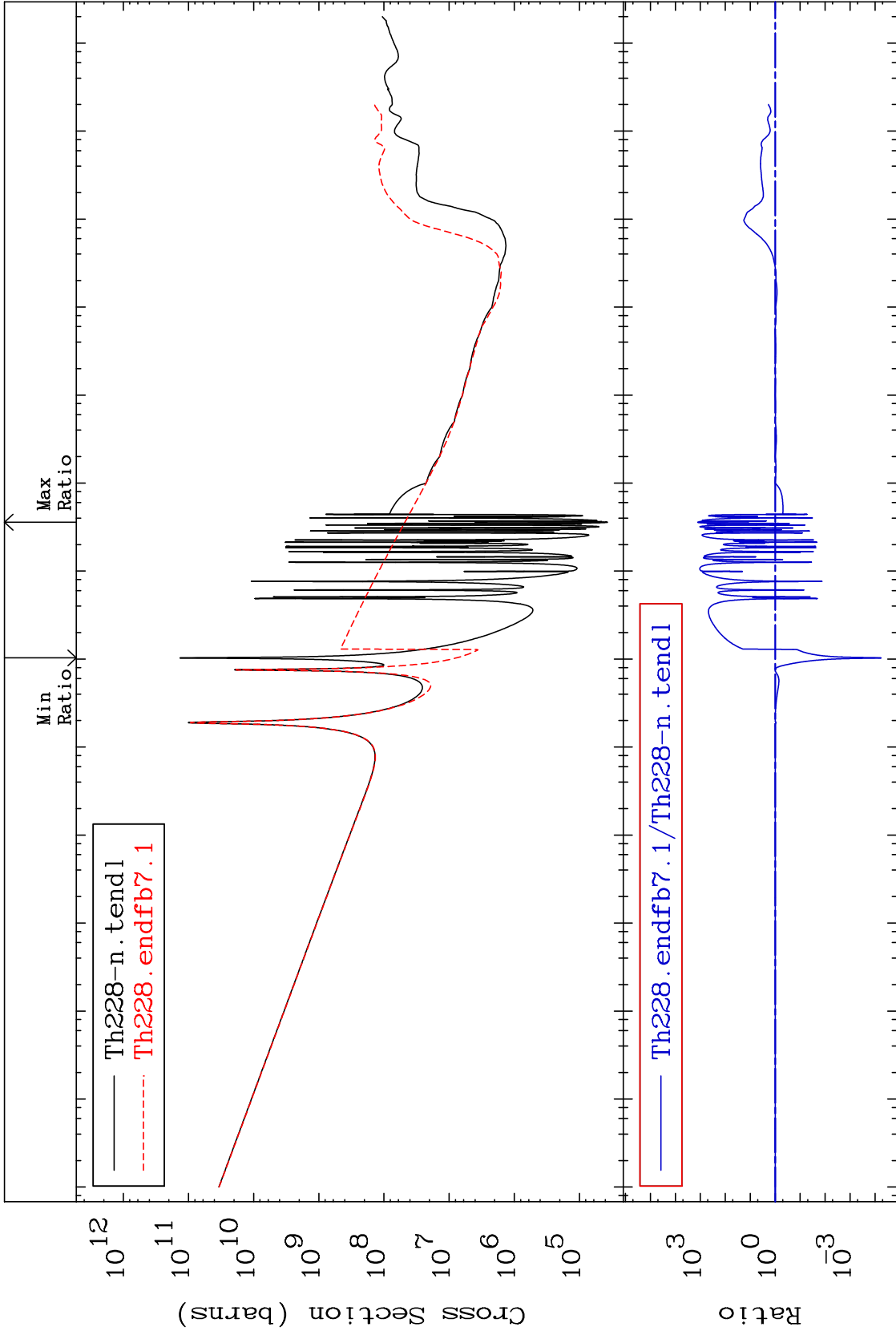
(n,  $\gamma$ )  
Cross Section  
-100.0 To 9999. %  
90-Th-228



41

Incident Energy (eV)

90-Th-228

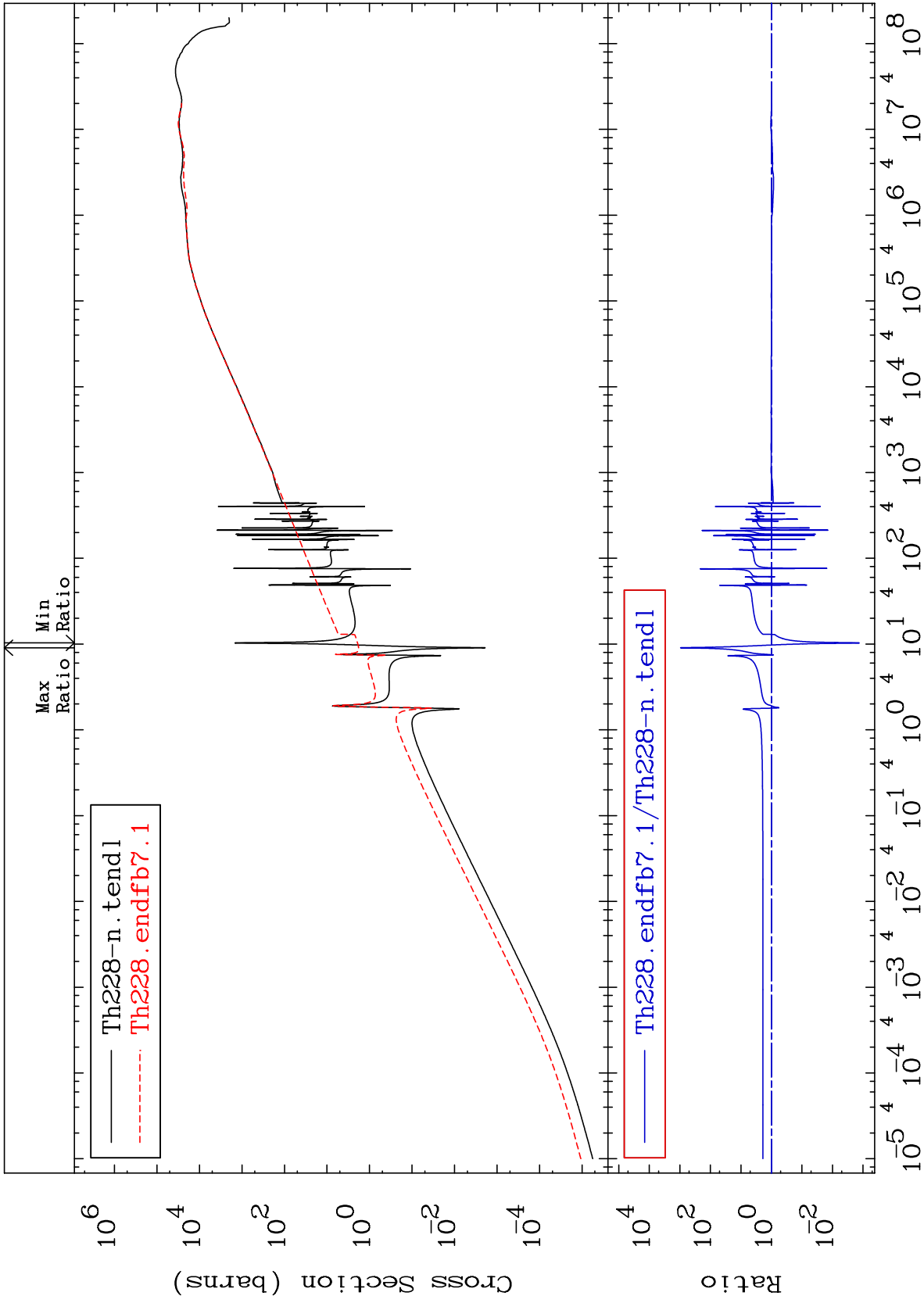




MAT 9028

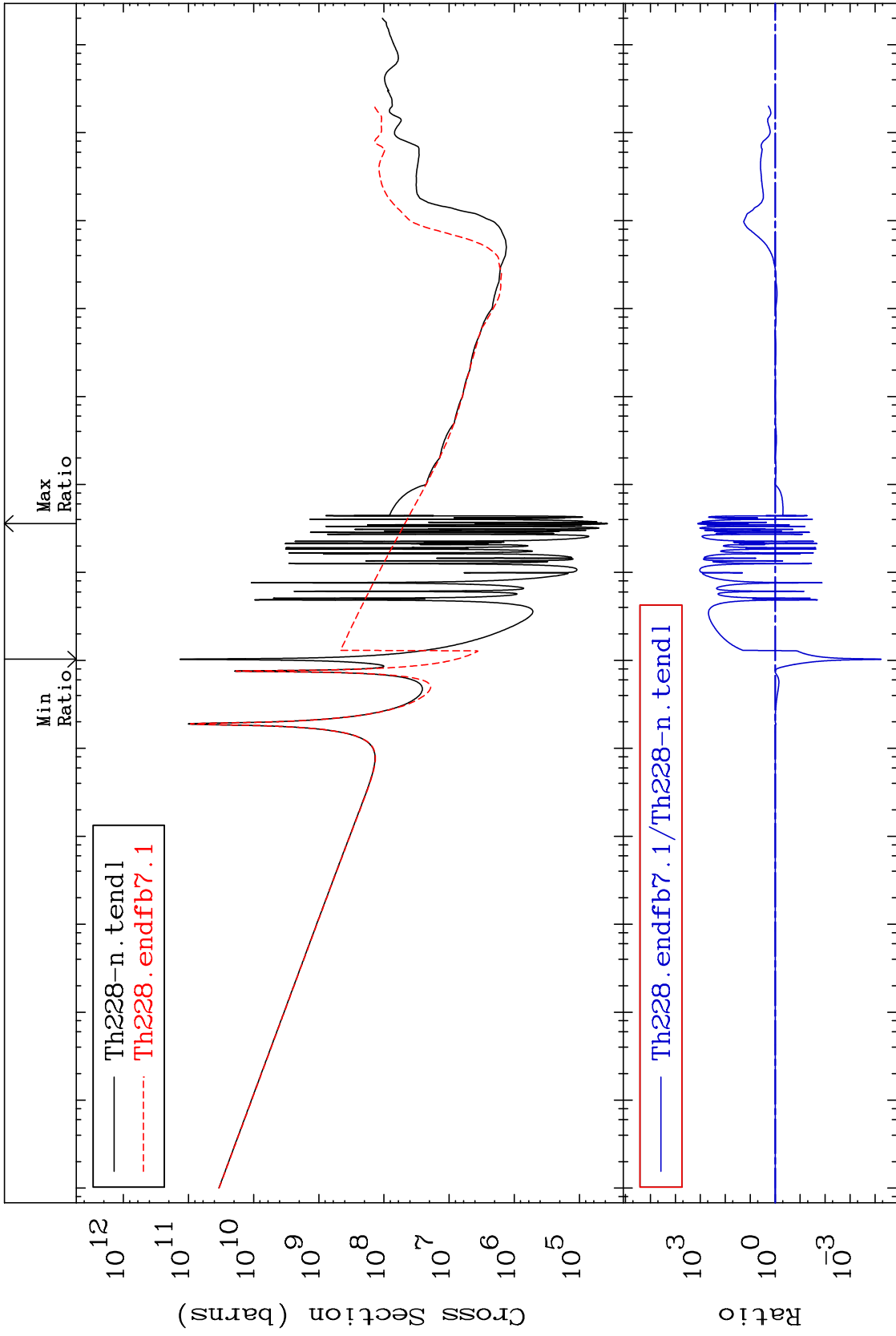
Kerma elastic  
Cross Section

90-Th-228  
-99.87 To 9999. %



Cross Section

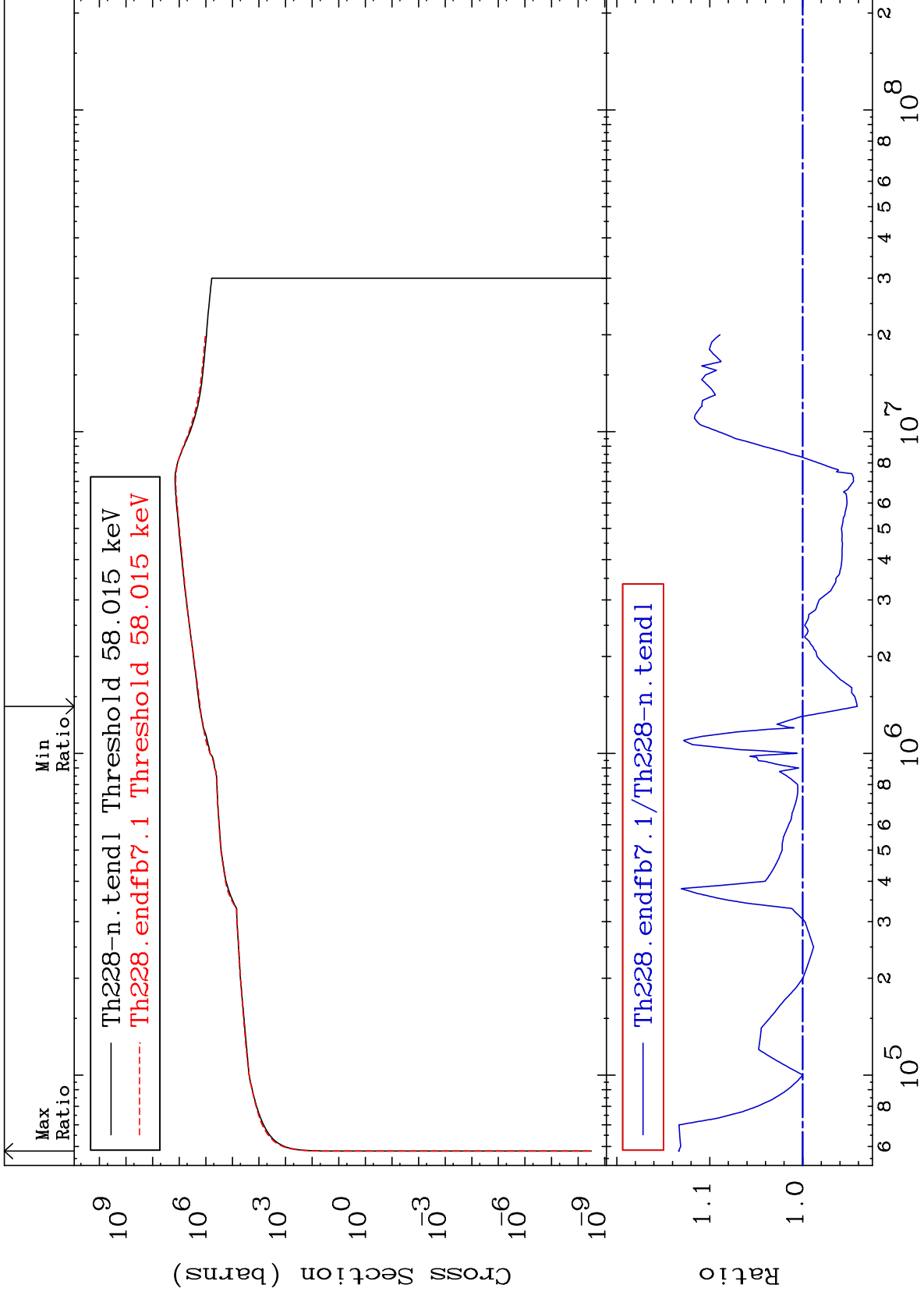
-99.99 To 9999. %

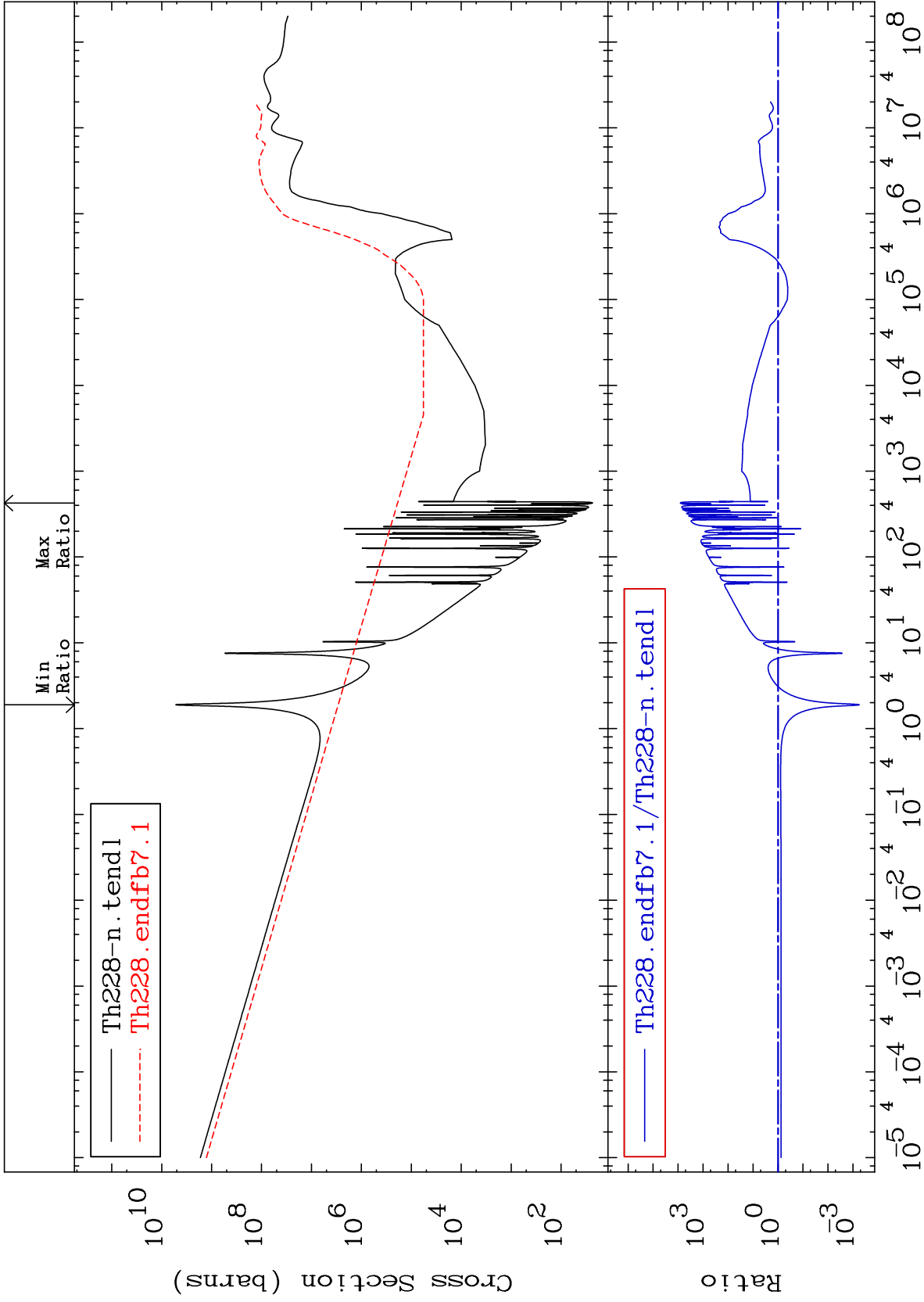


MAT 9028

Kerma inelastic (mt51-91)  
Cross Section

90-Th-228  
-5.862 To 13.34 %

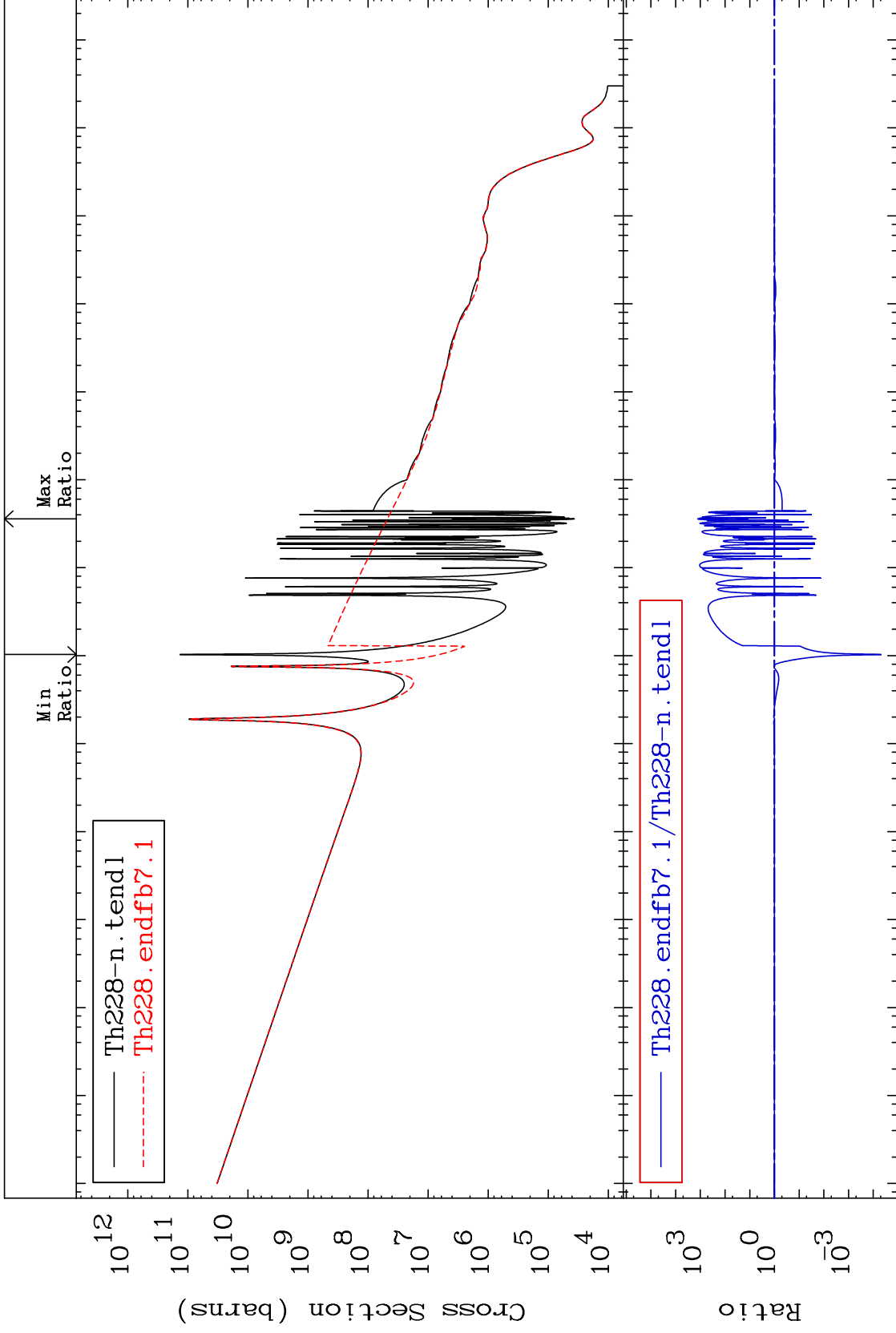




MAT 9028

Kerma capture (mt102)  
Cross Section

90-Th-228  
-100.0 To 9999. %



47

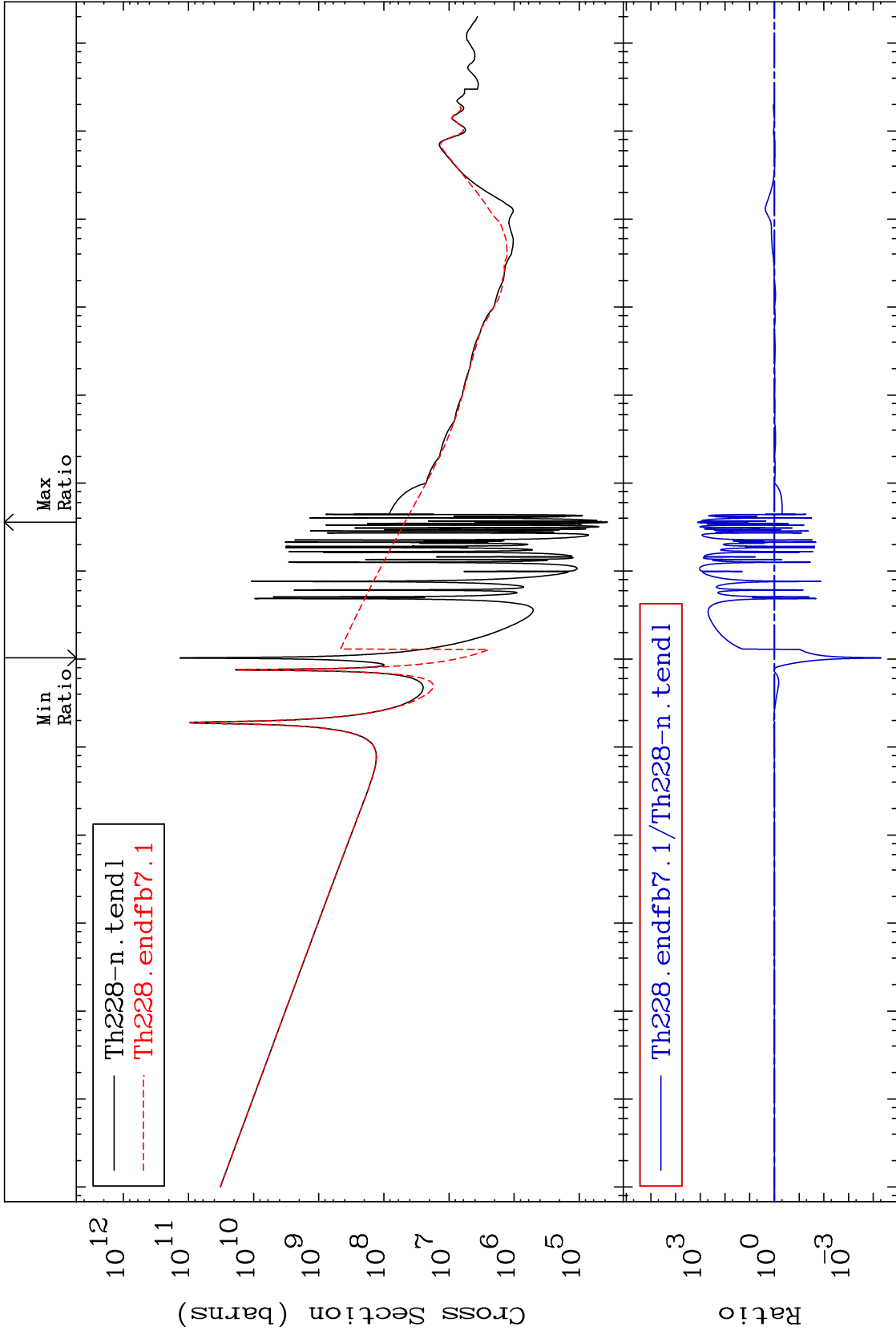
Incident Energy (eV)

90-Th-228

MAT 9028

Total photon (eV-barns)  
Cross Section

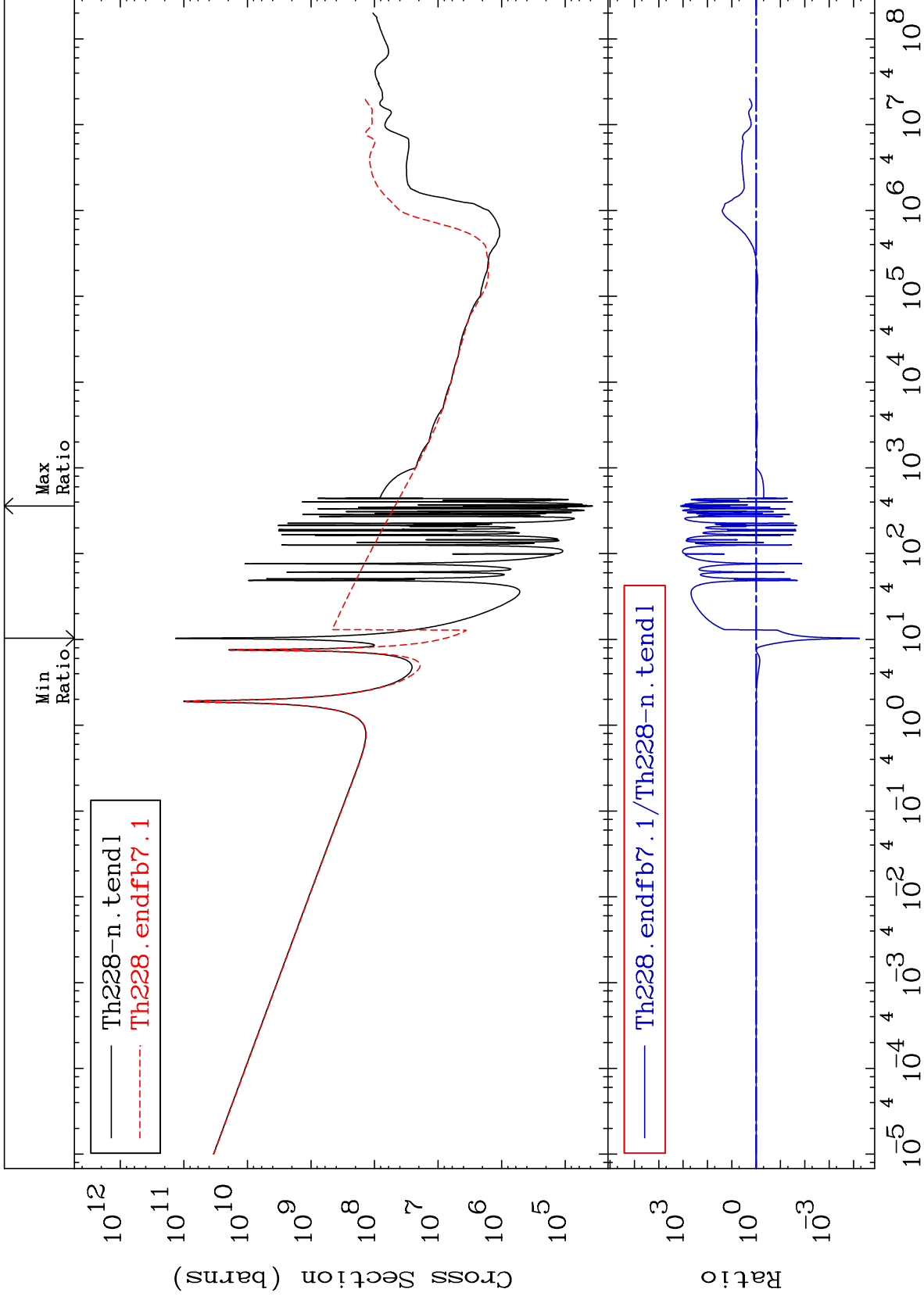
90-Th-228  
-100.0 To 9999. %



48

Incident Energy (eV)

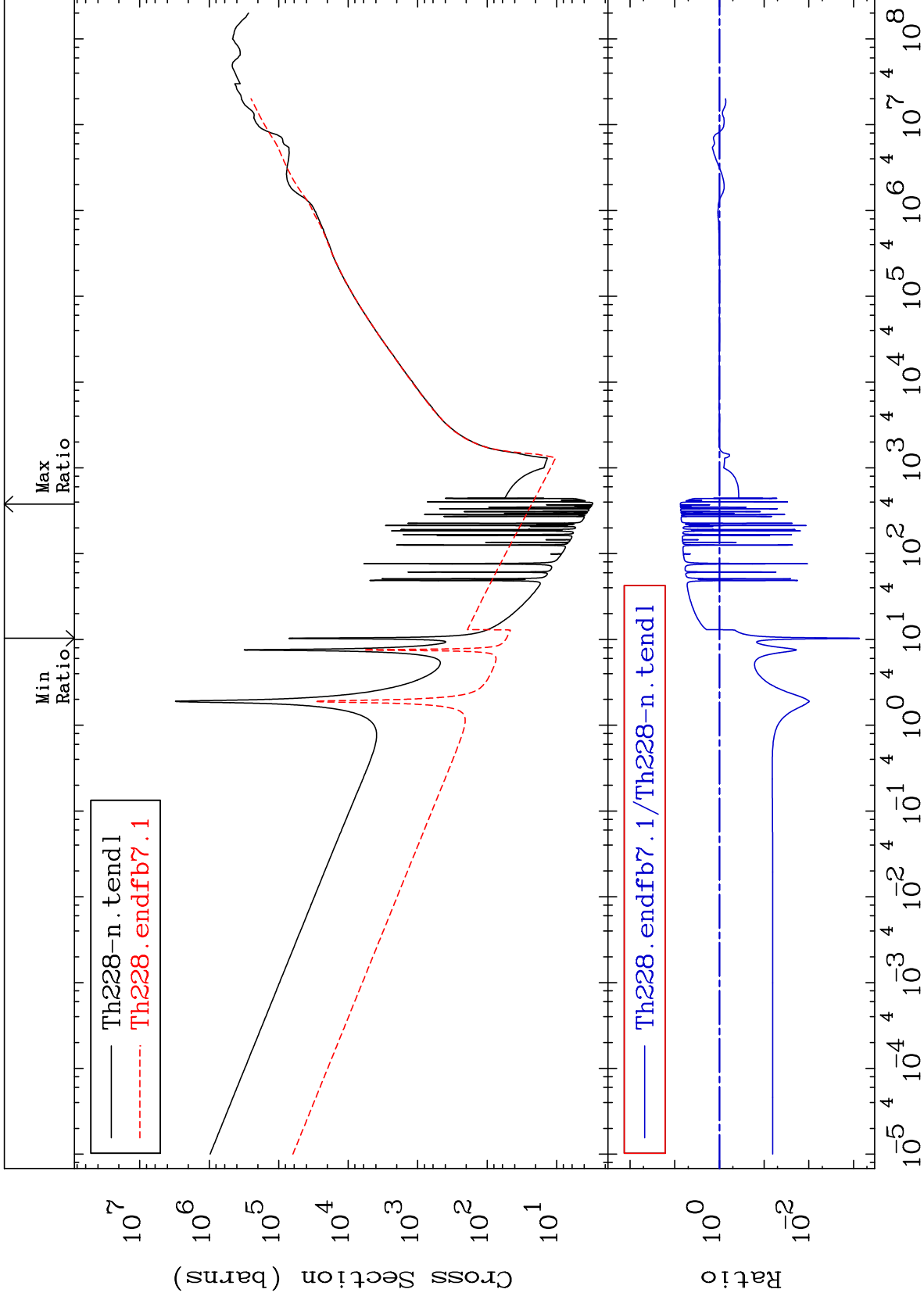
90-Th-228



MAT 9028

Dpa total (eV-barns)  
Cross Section

90-Th-228  
-99.93 To 648.2 %



50

Incident Energy (eV)

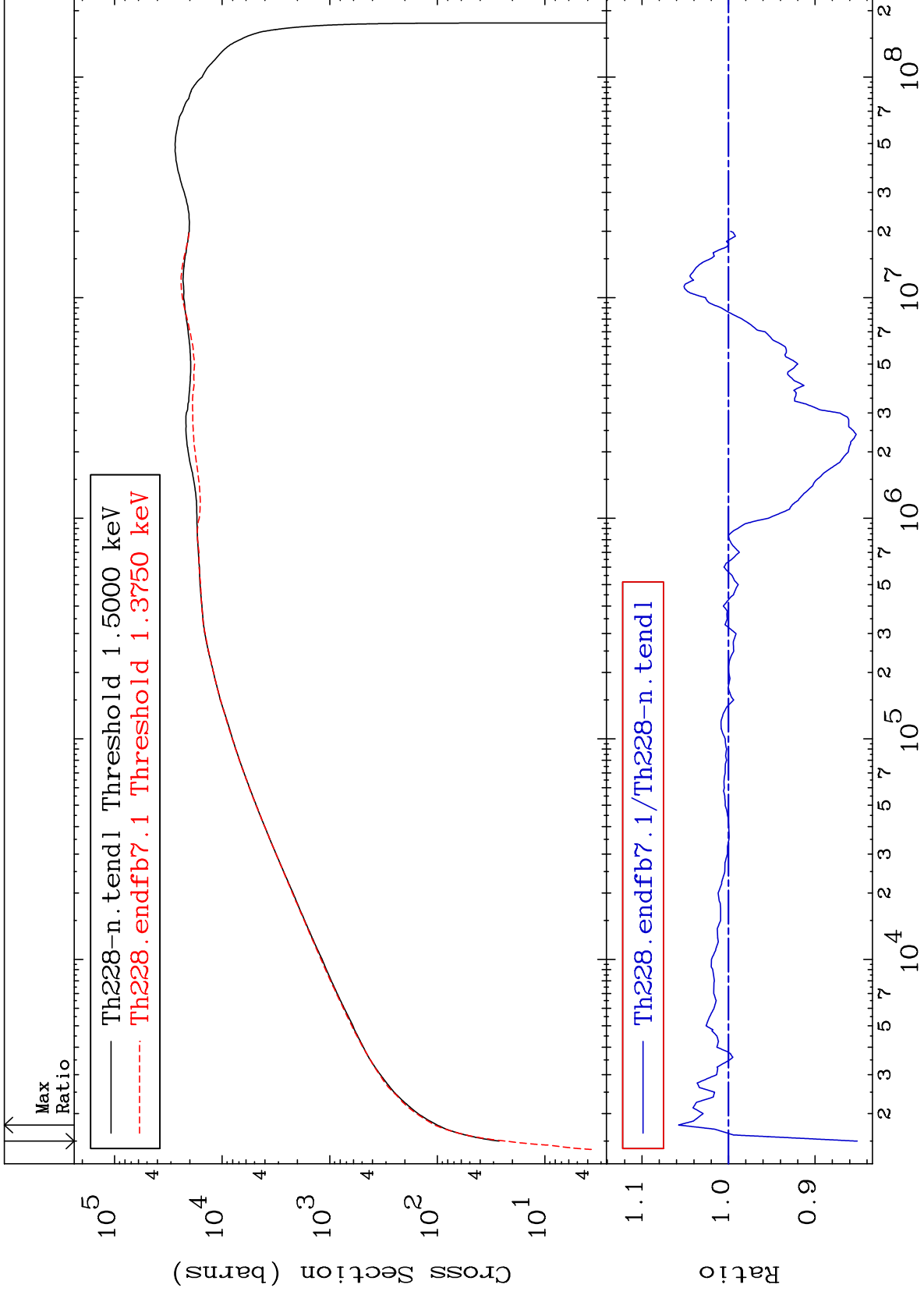
90-Th-228



MAT 9028

Dpa elastic (mt2)  
Cross Section

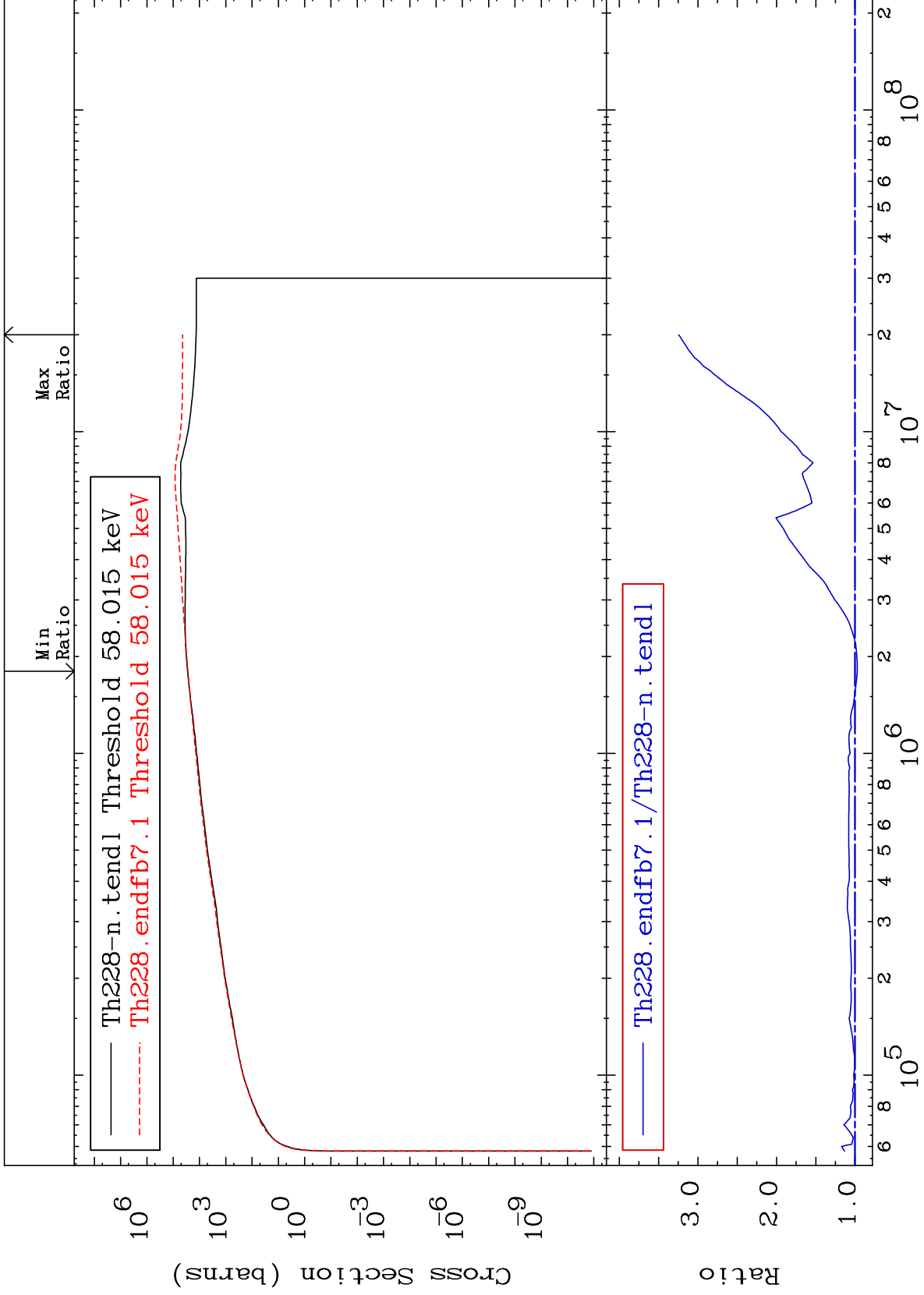
90-Th-228  
-14.87 To 5.761 %



MAT 9028

Dpa inelastic (mt51-91)  
Cross Section

90-Th-228  
-2.804 To 224.5 %



MAT 9028

Dpa disappearance (mt102 -120)  
Cross Section

90-Th-228  
-100.0 To 382.9 %

