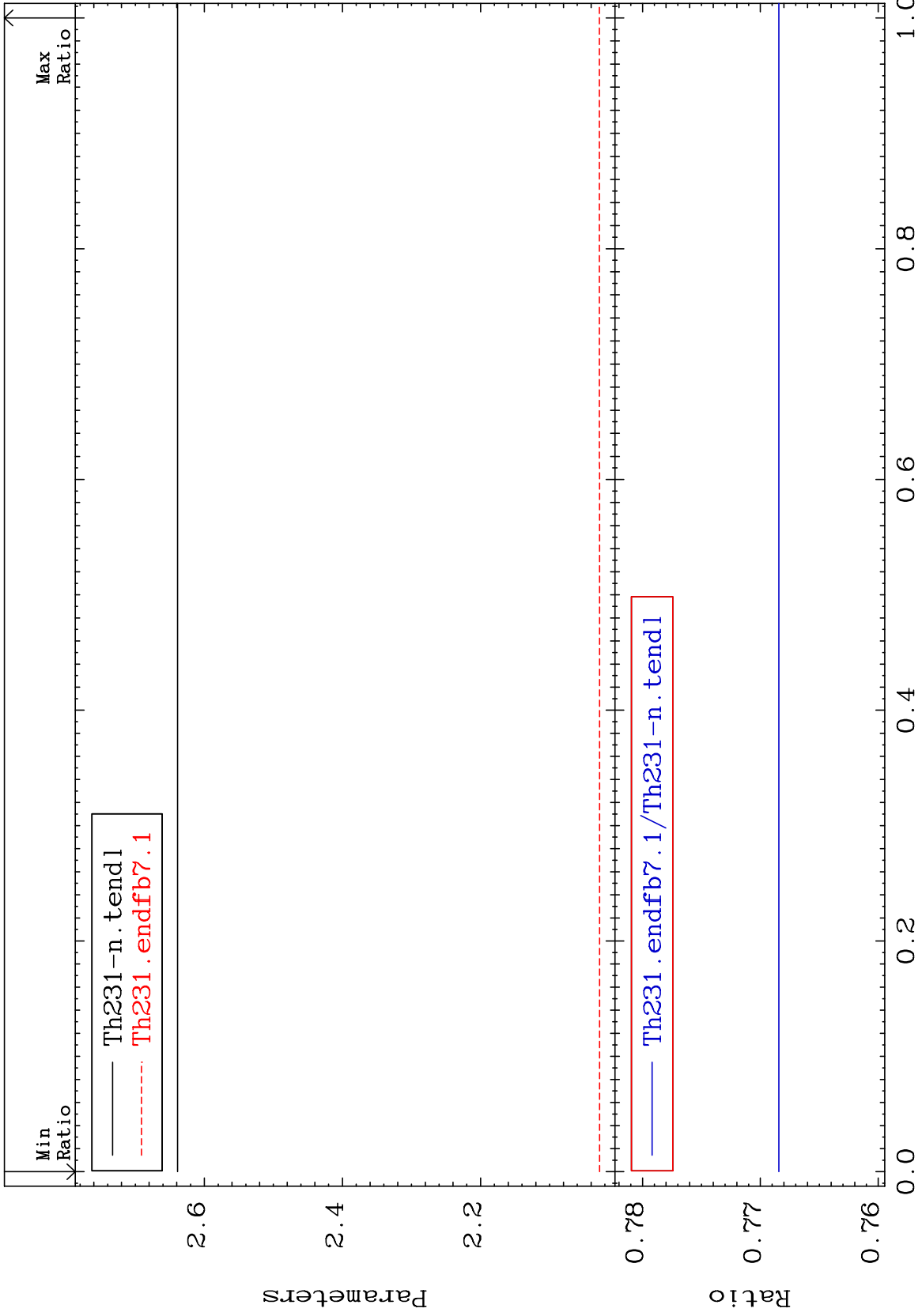


MAT 9037

Total $\bar{\nu}$
Parameters

90-Th-231
-23.16 To -23.16%



Incident Energy (KeV)

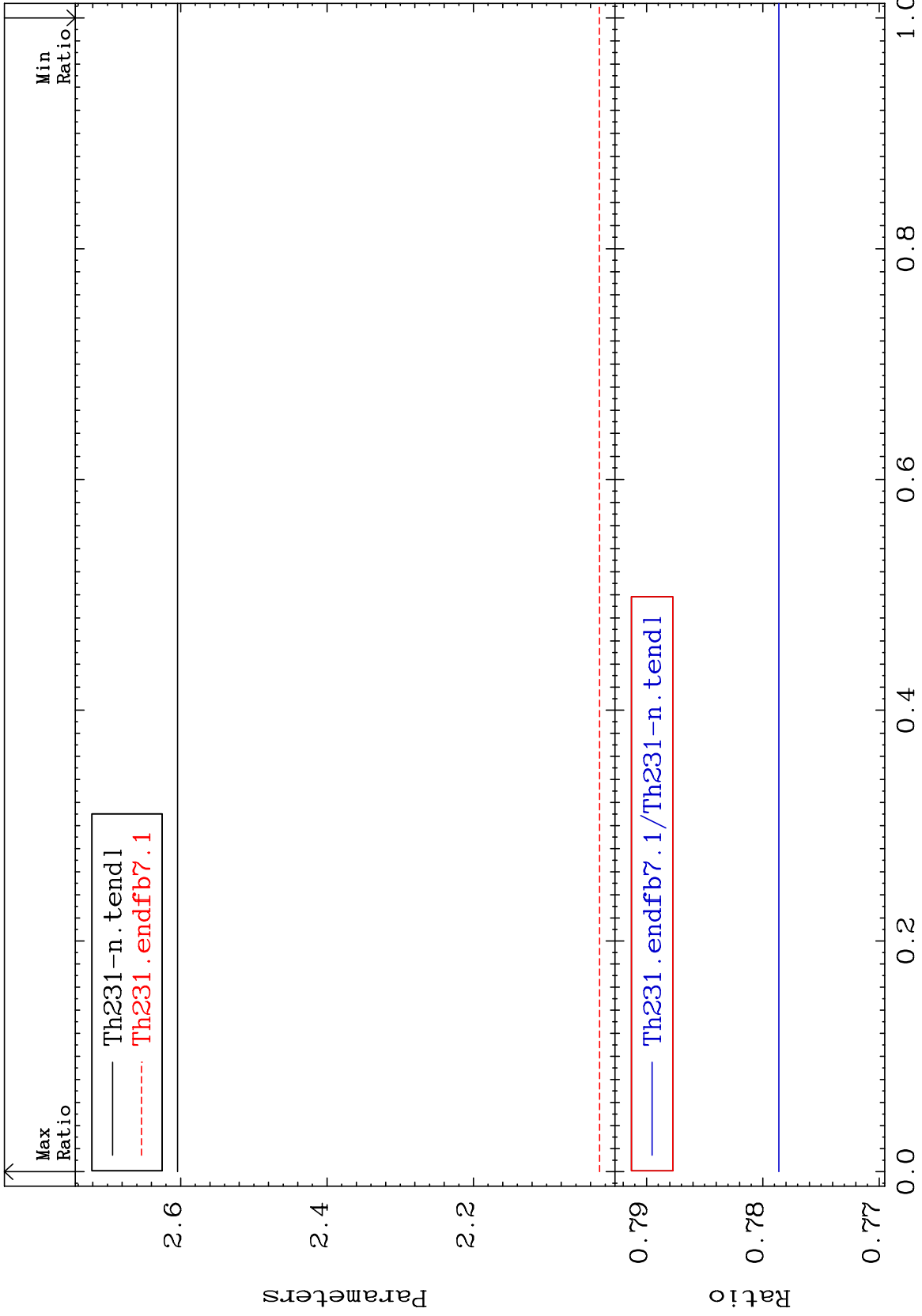
90-Th-231

1

MAT 9037

Prompt $\bar{\nu}$
Parameters

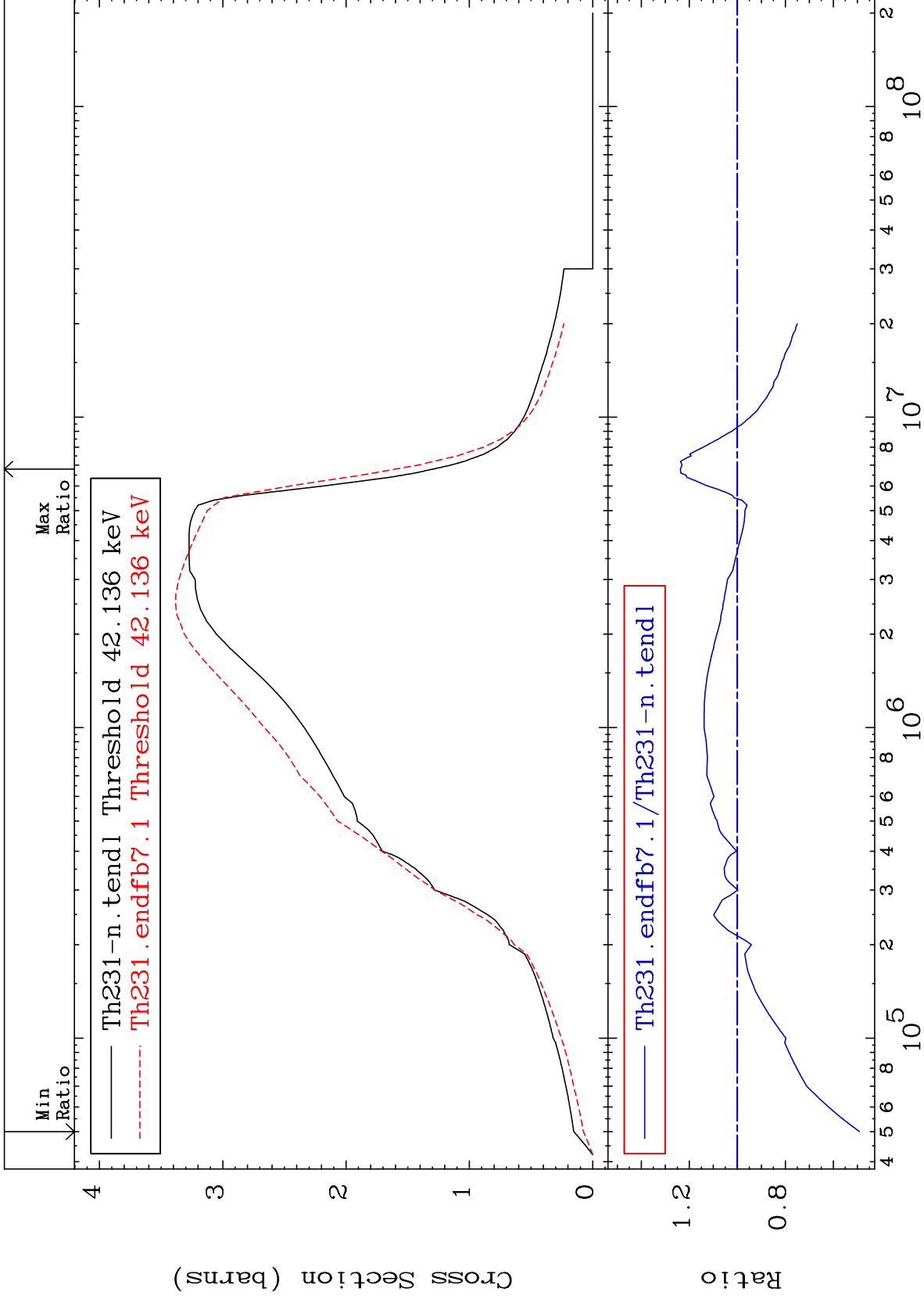
90-Th-231
-22.14 To -22.14%



MAT 9037

Inelastic
Cross Section

90-Th-231
-50.87 To 23.73 %



3

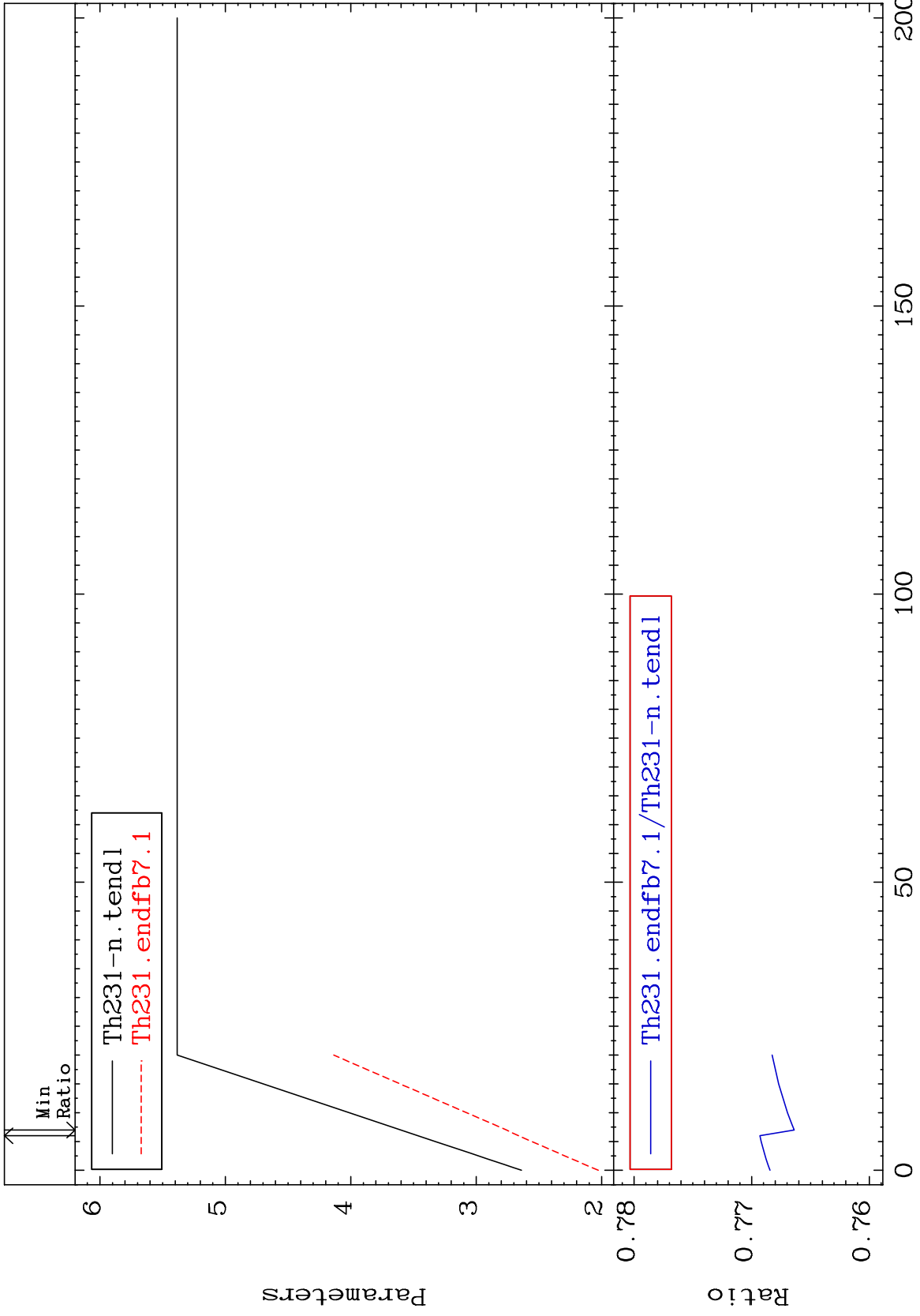
Incident Energy (eV)

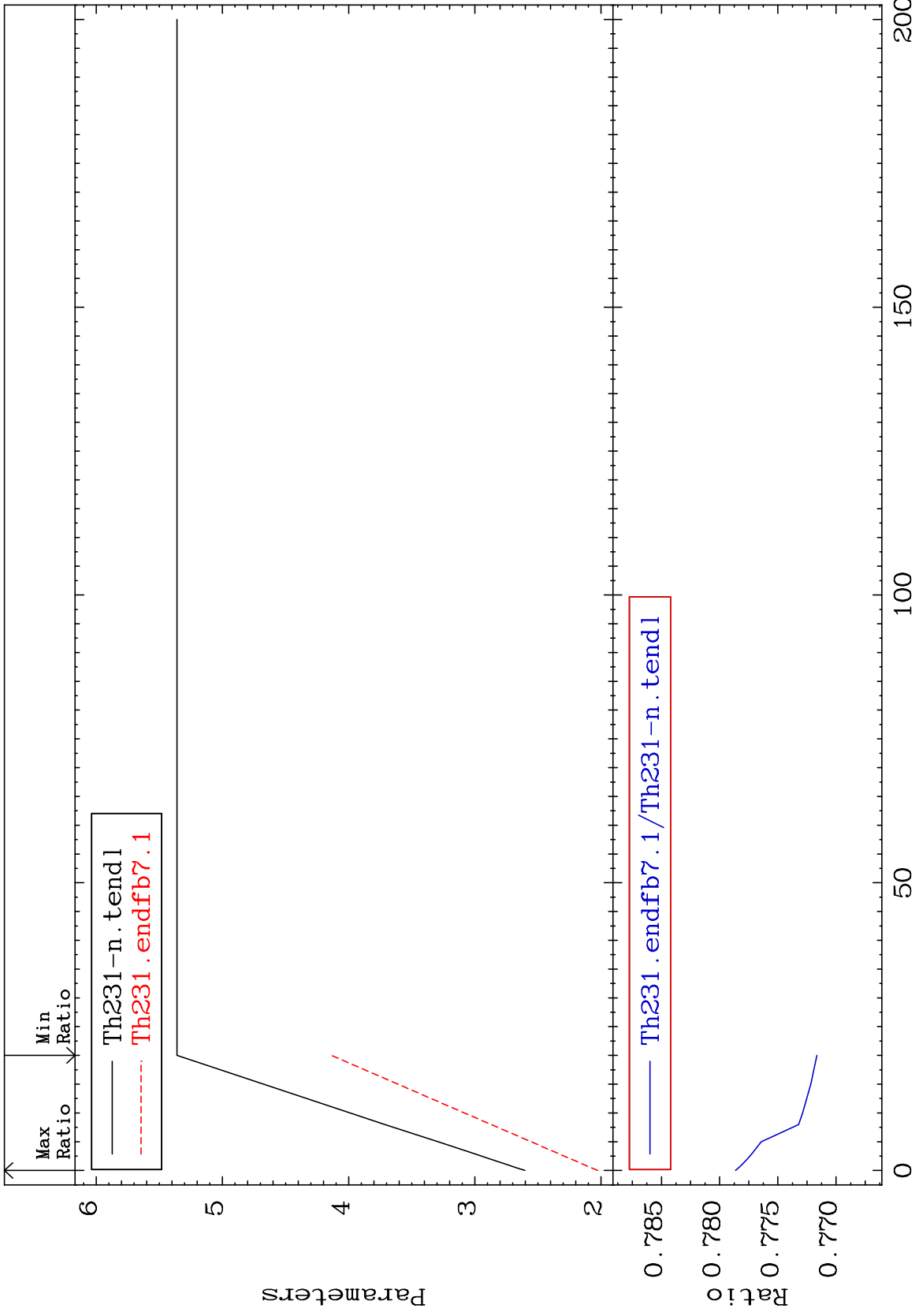
90-Th-231

MAT 9037

Total $\bar{\nu}$
Parameters

90-Th-231
-23.36 To -23.07%

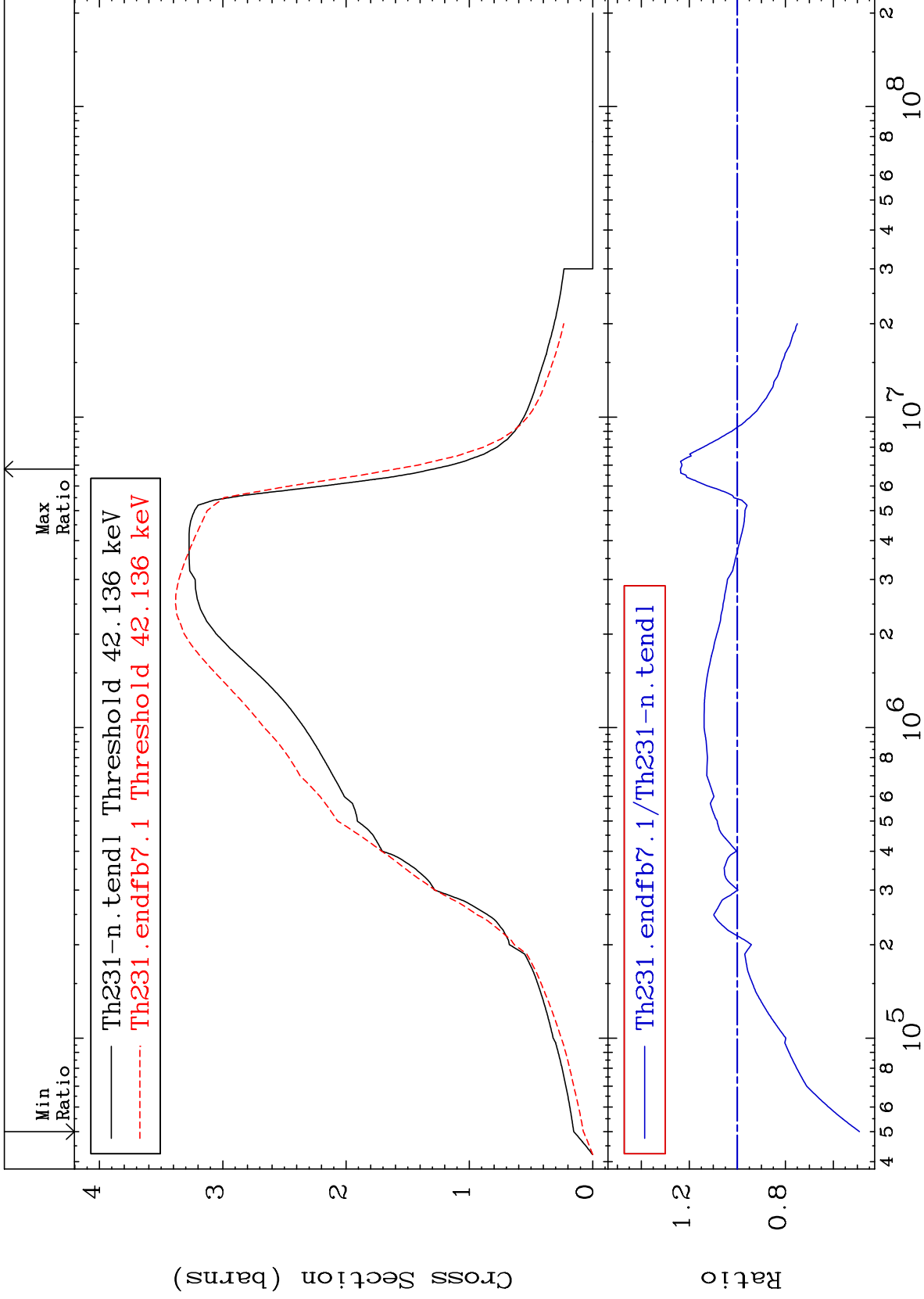




MAT 9037

Inelastic
Cross Section

90-Th-231
-50.87 To 23.73 %



3

Incident Energy (eV)

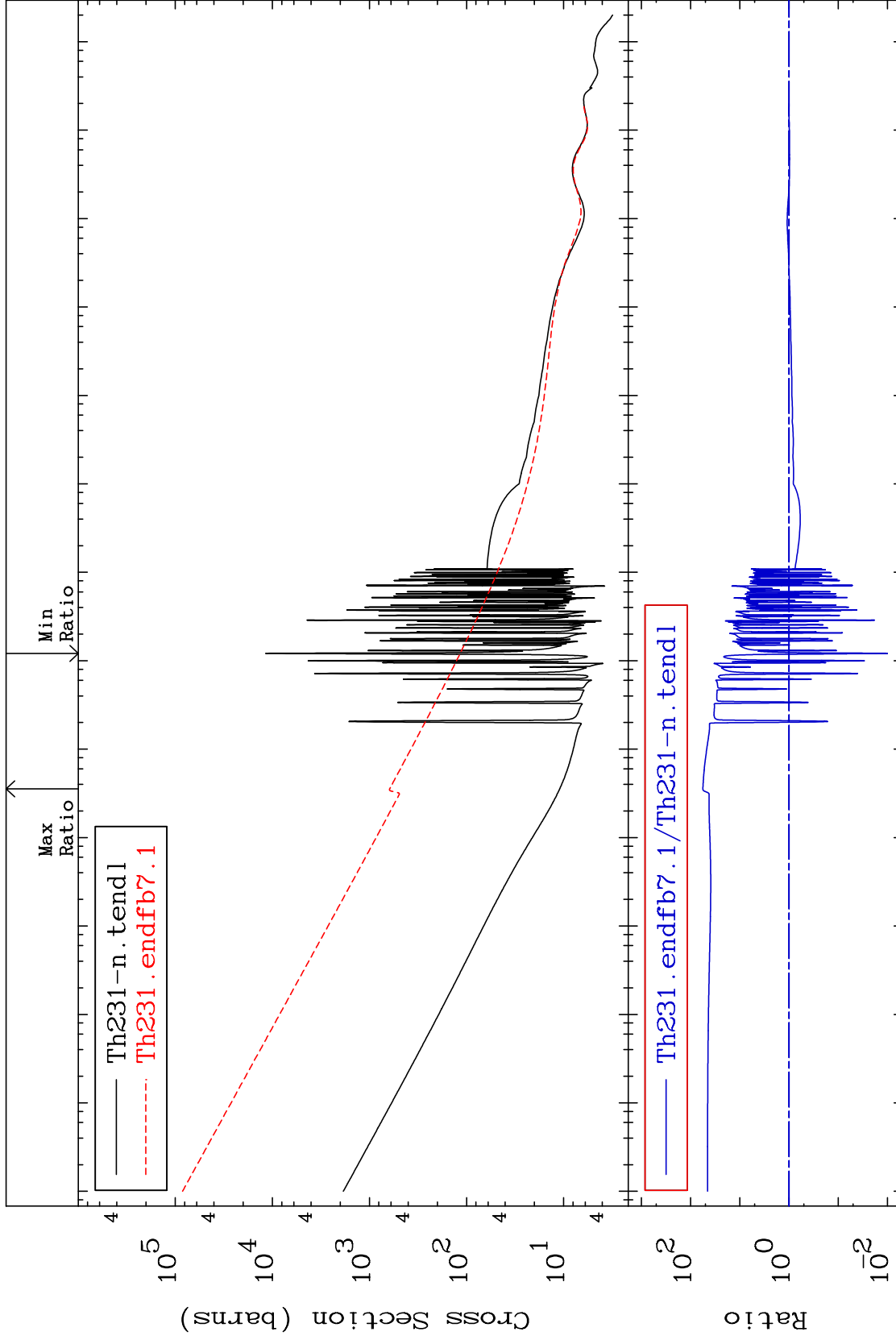
90-Th-231

MAT 9037

90-Th-231

-99.00 To 5531. %

Total
Cross Section



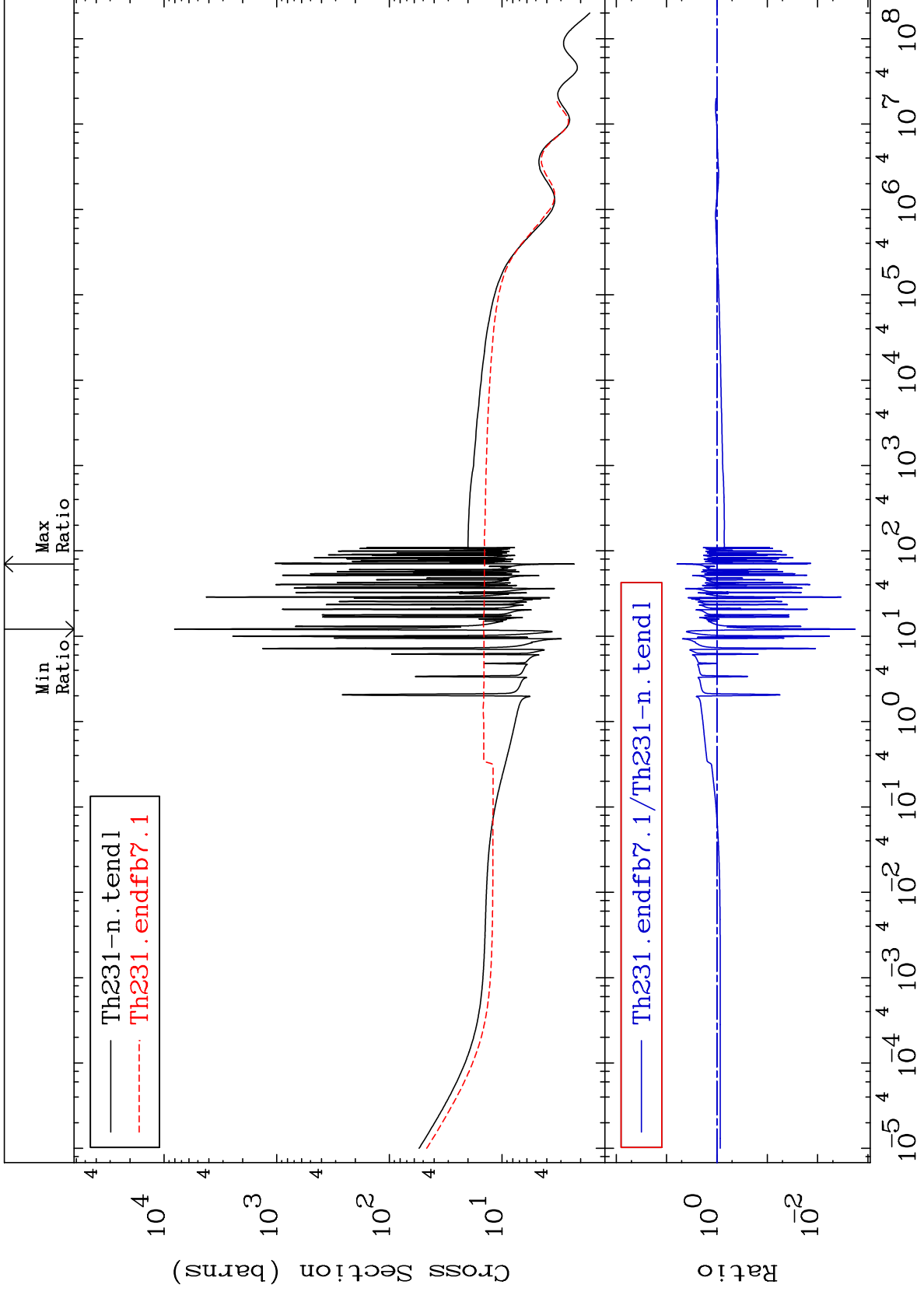
90-Th-231

Incident Energy (eV)

MAT 9037

Elastic
Cross Section

90-Th-231
-99.82 To 523.1 %



2

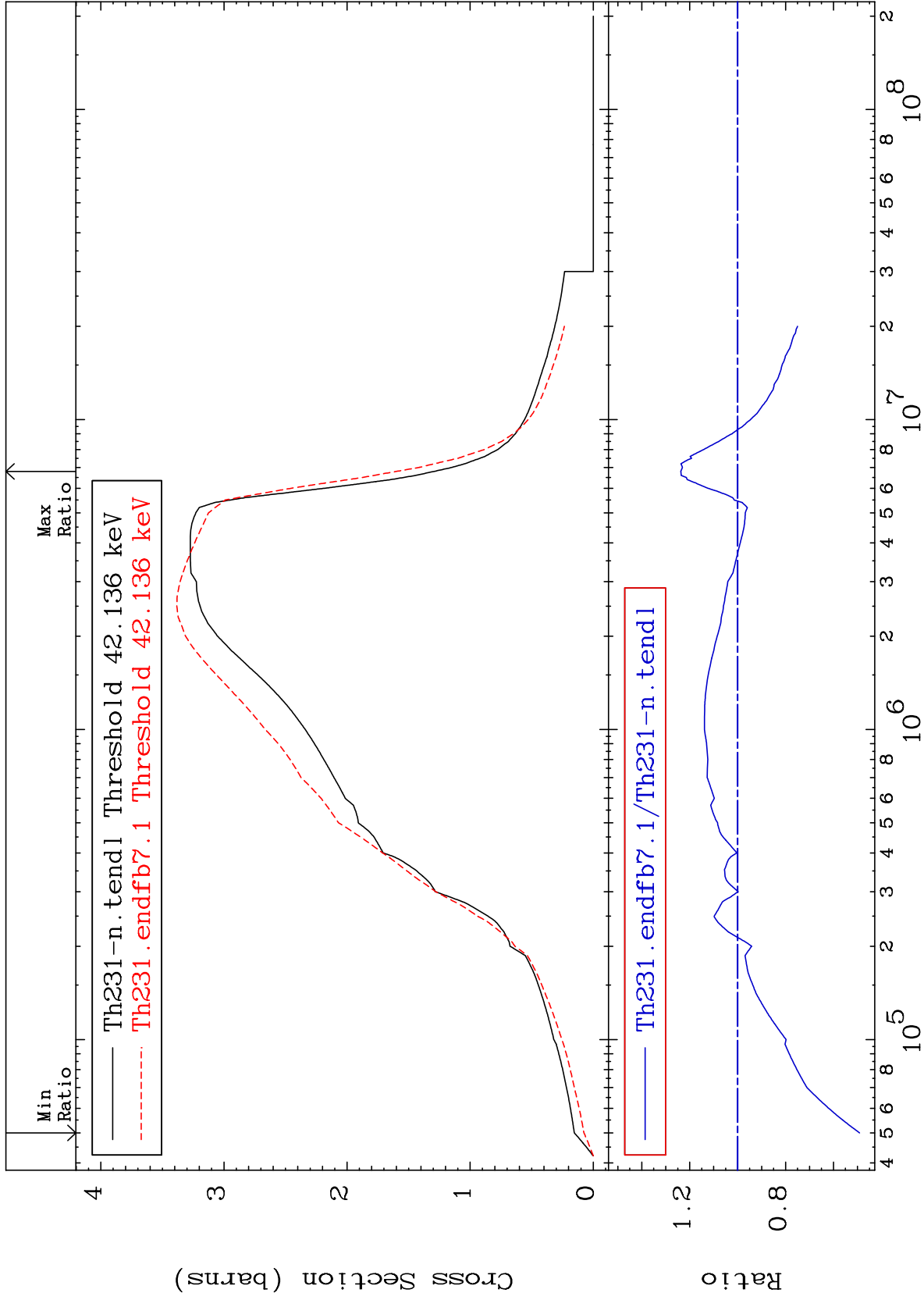
Incident Energy (eV)

90-Th-231

MAT 9037

Inelastic
Cross Section

90-Th-231
-50.87 To 23.73 %



3

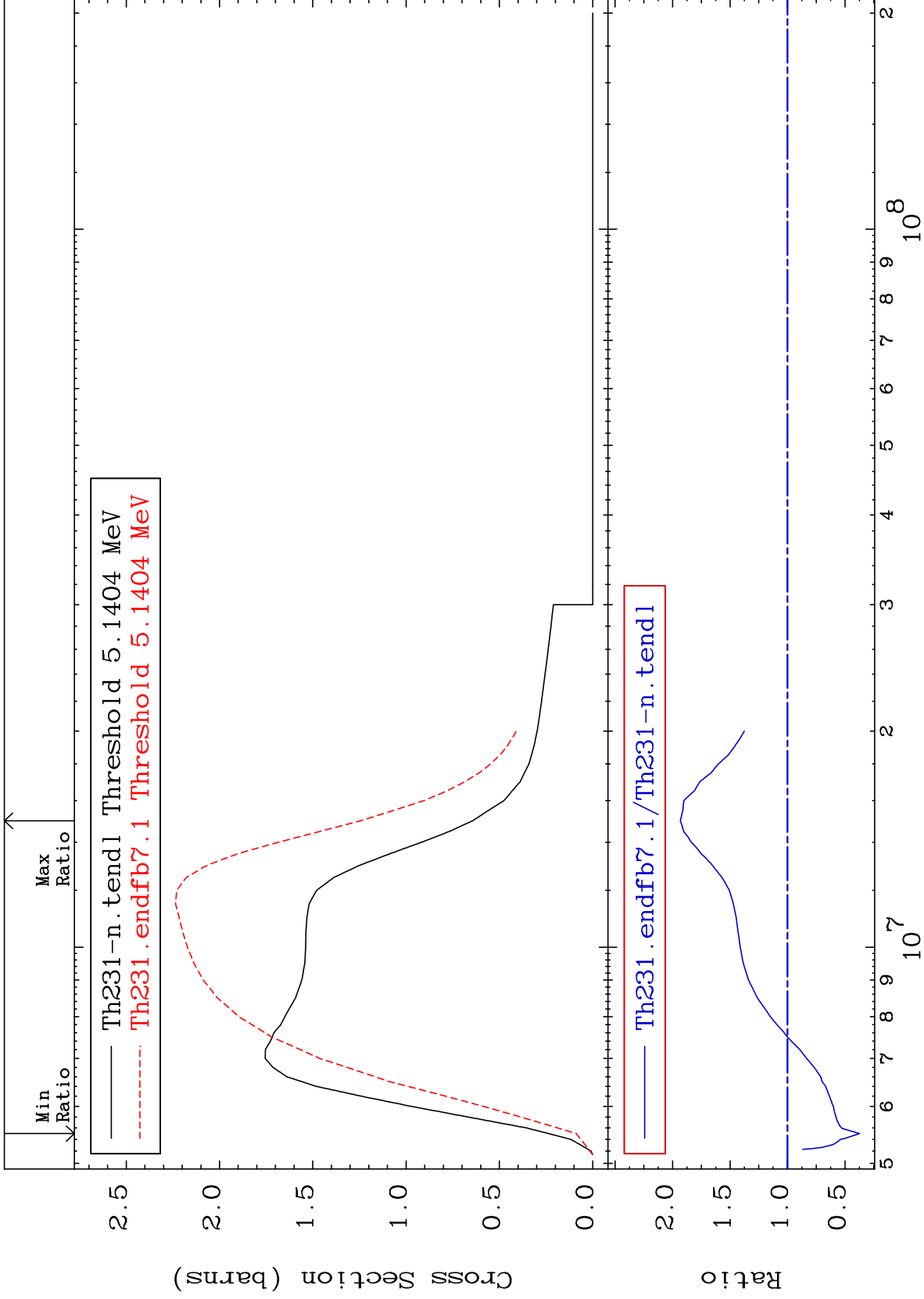
Incident Energy (eV)

90-Th-231

MAT 9037

(n,2n)
Cross Section

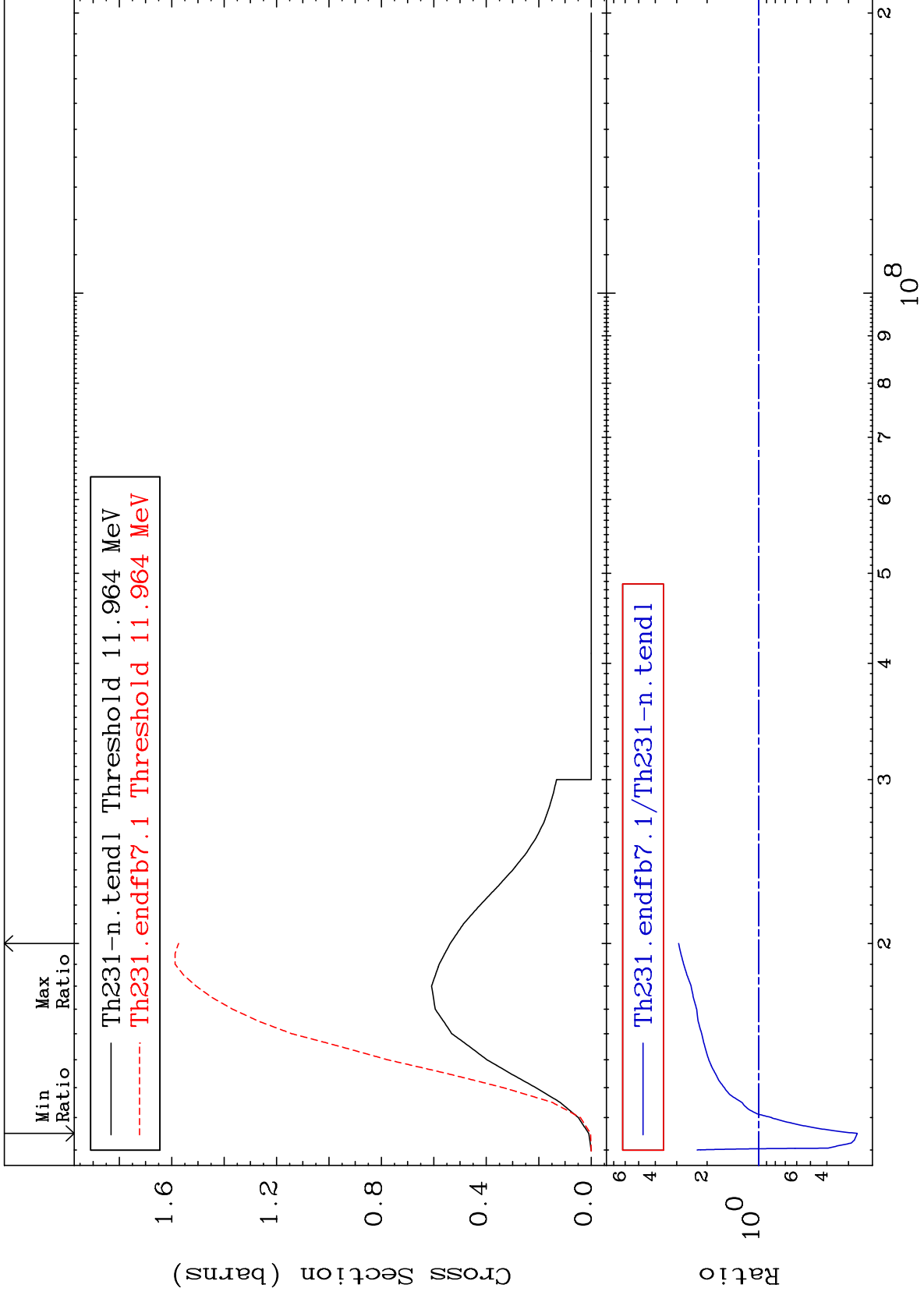
90-Th-231
-62.55 To 93.22 %



MAT 9037

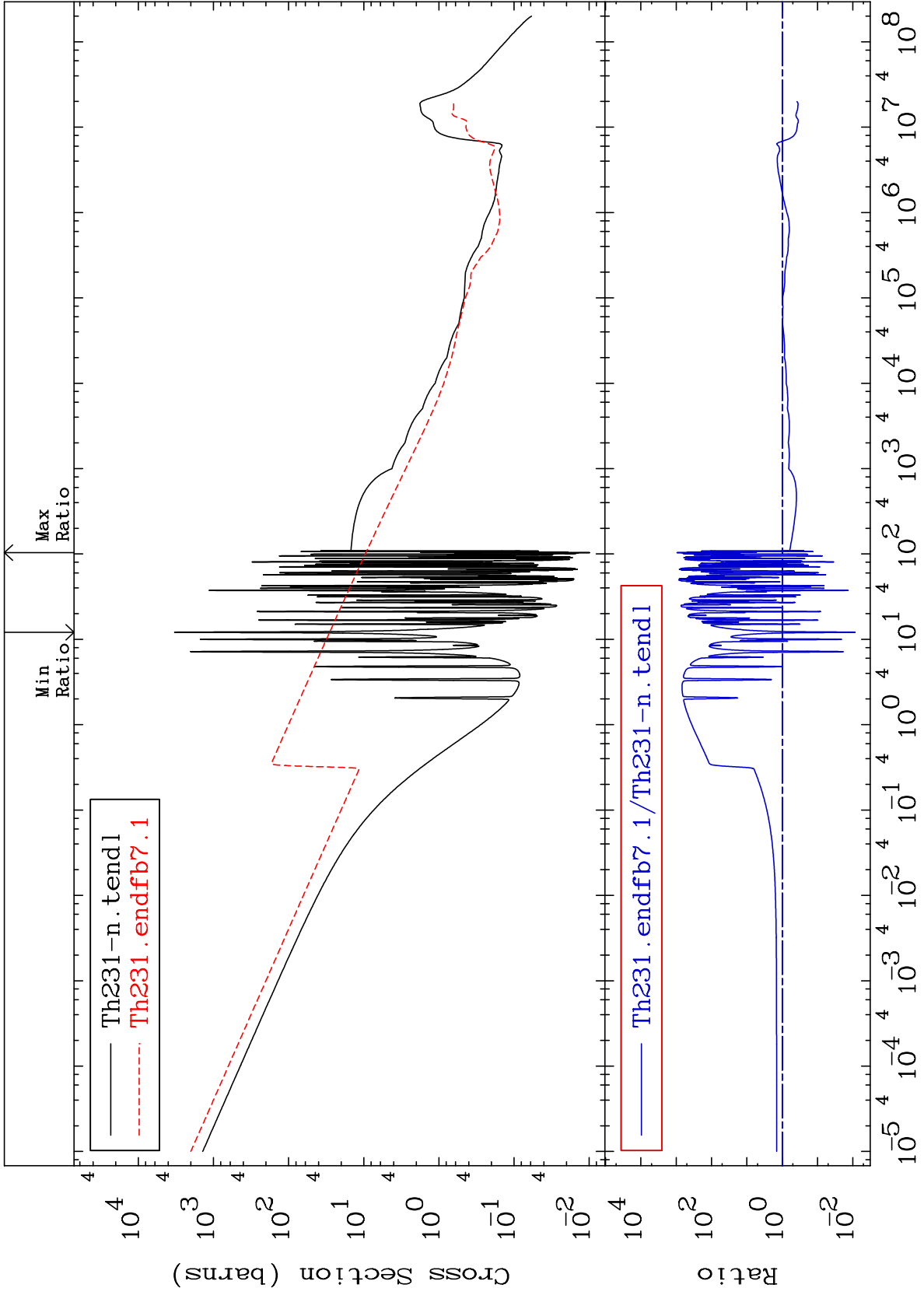
(n,3n)
Cross Section

90-Th-231
-73.35 To 192.8 %



MAT 9037

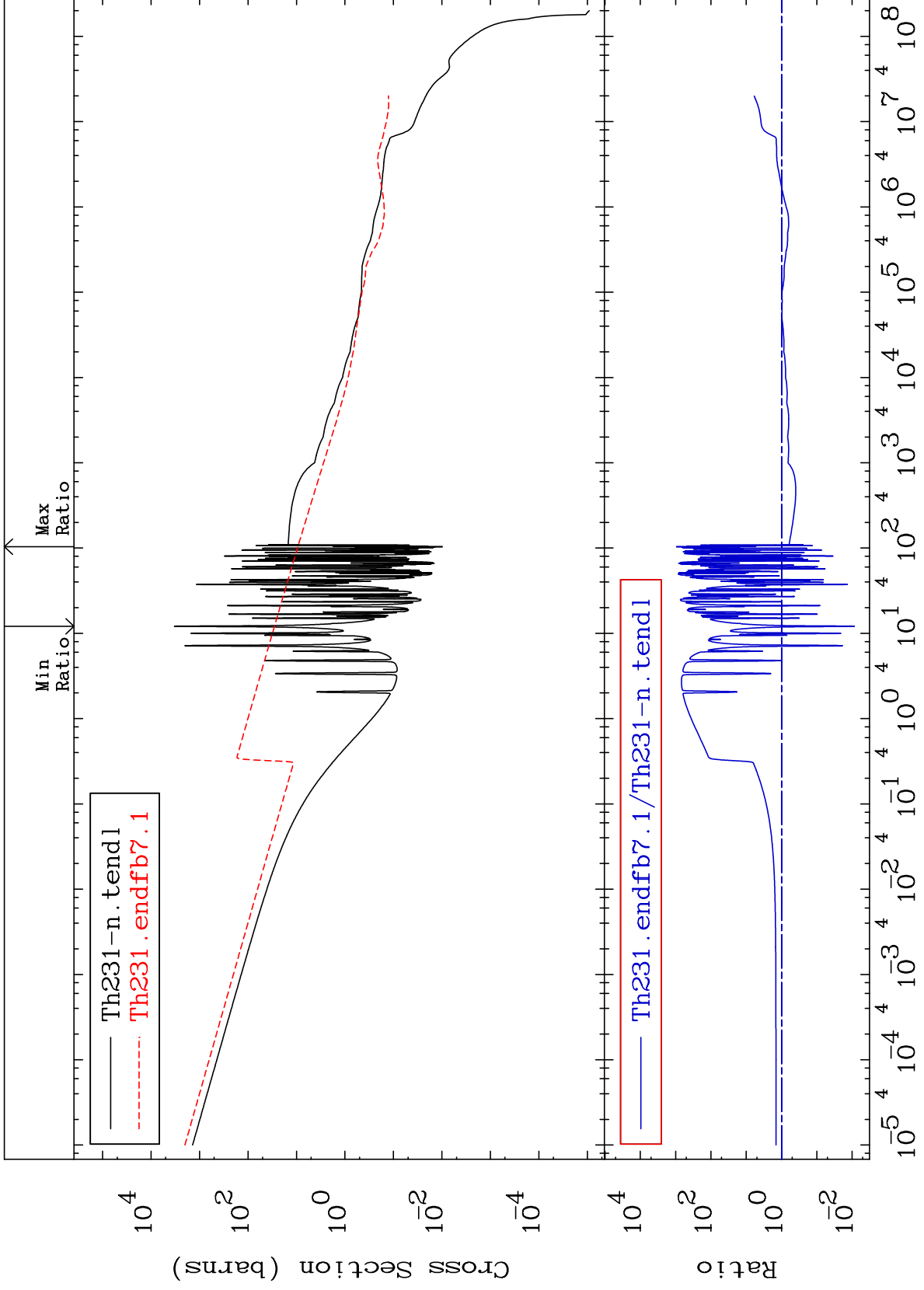
Fission Cross Section
90-Th-231
-99.14 To 9999. %



MAT 9037

(n, f) First Chance
Cross Section

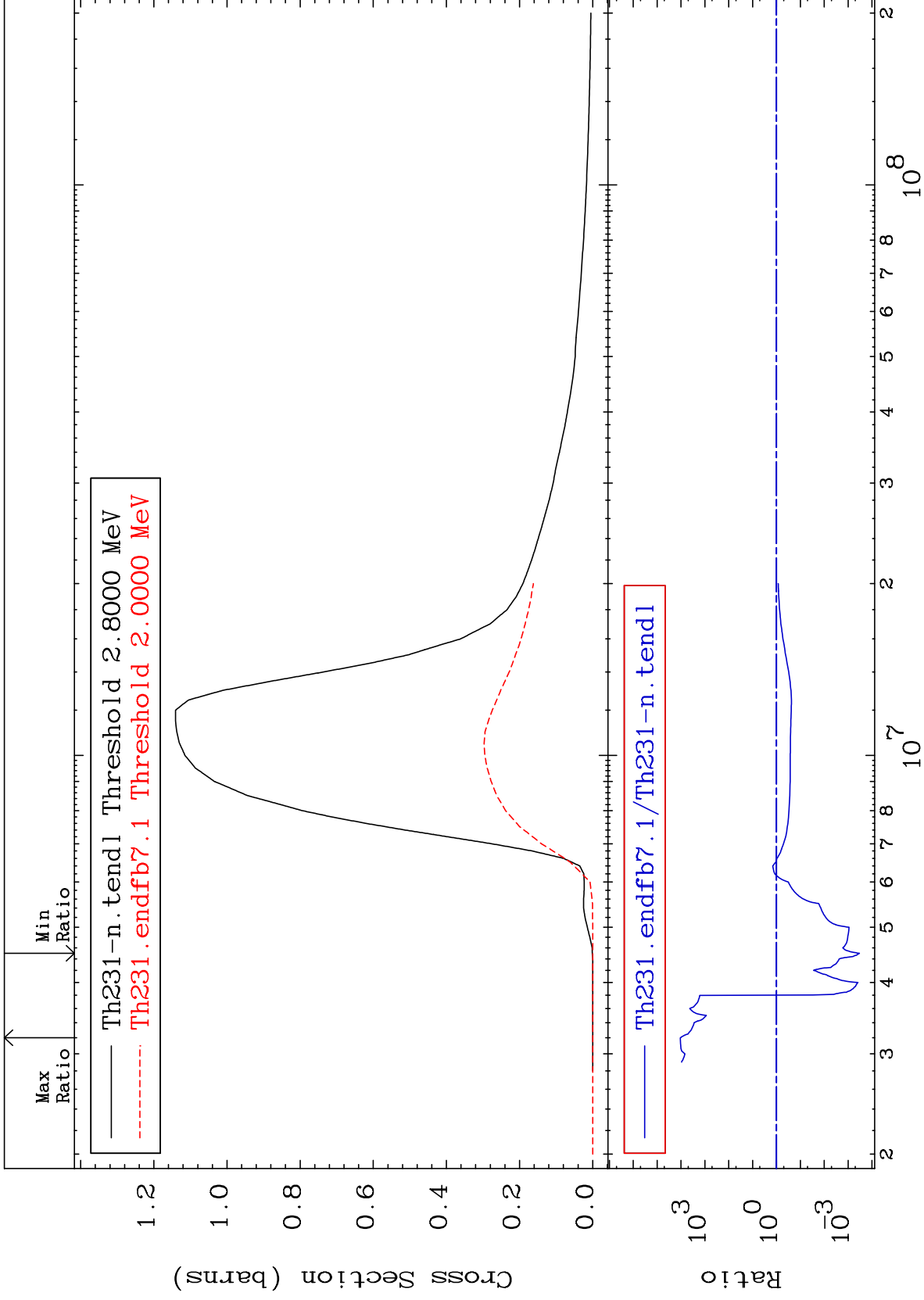
90-Th-231
-99.14 To 9999. %

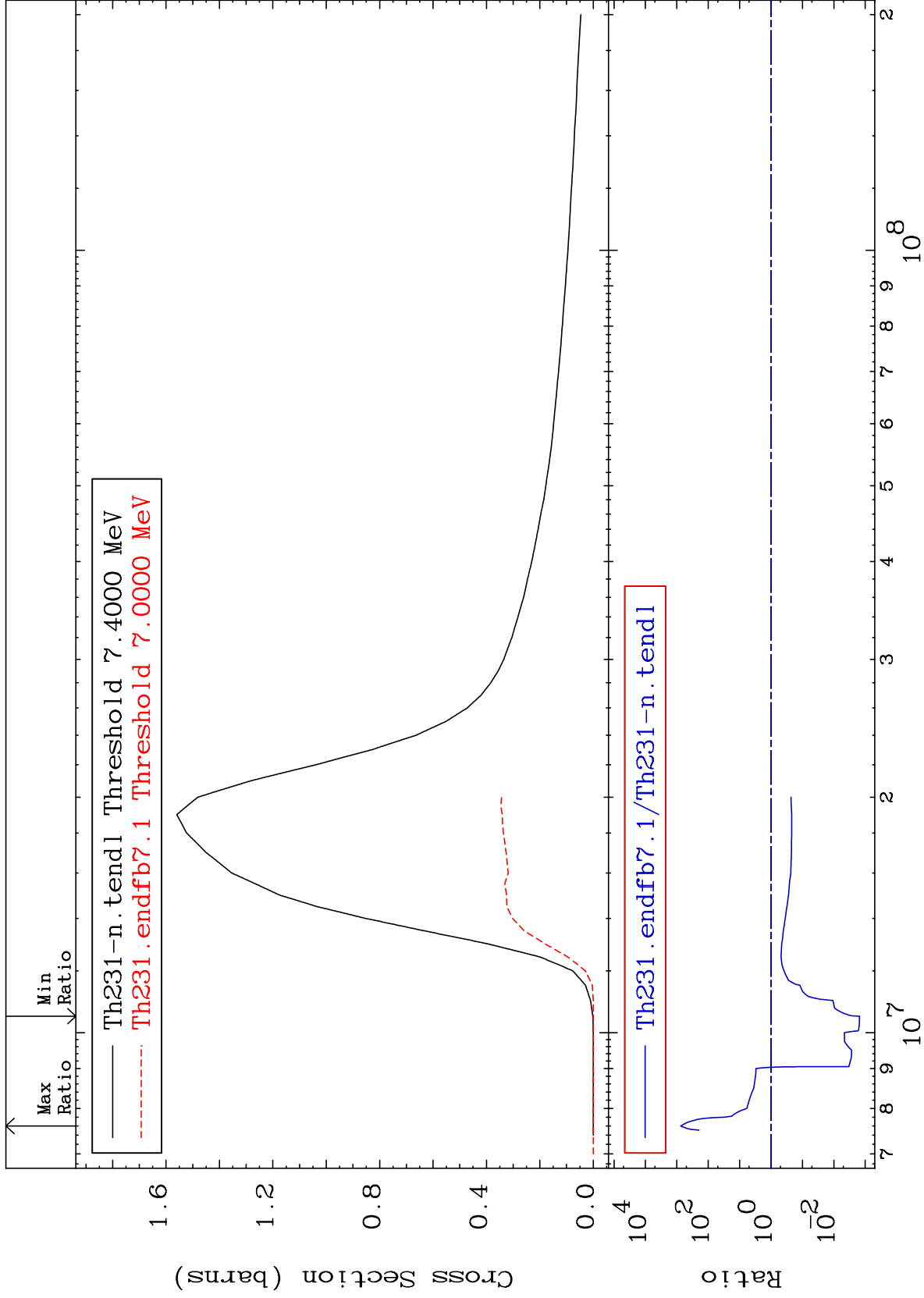


7

Incident Energy (eV)

90-Th-231

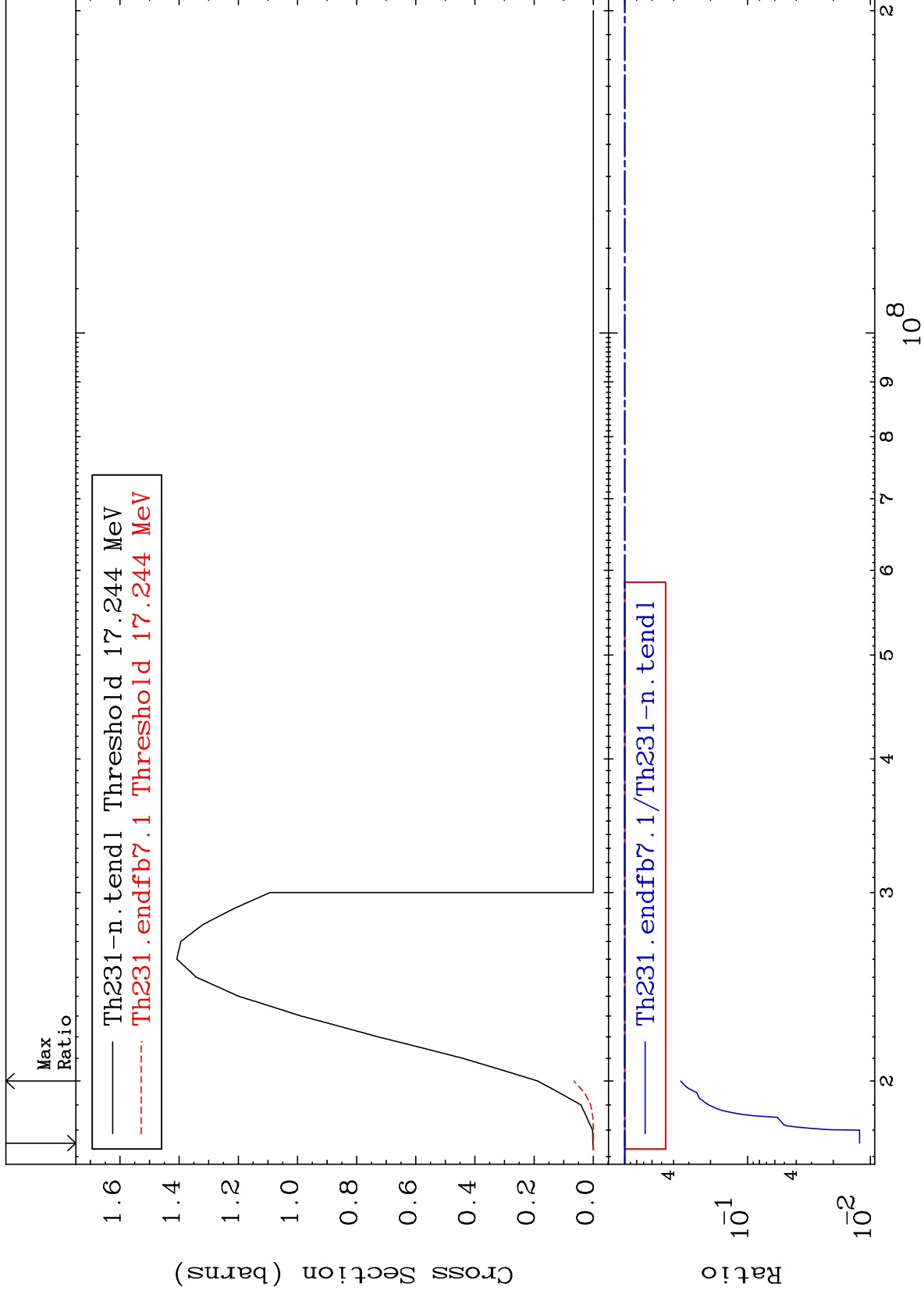




MAT 9037

(n,4n)
Cross Section

90-Th-231
-98.78 To -65.07%



10

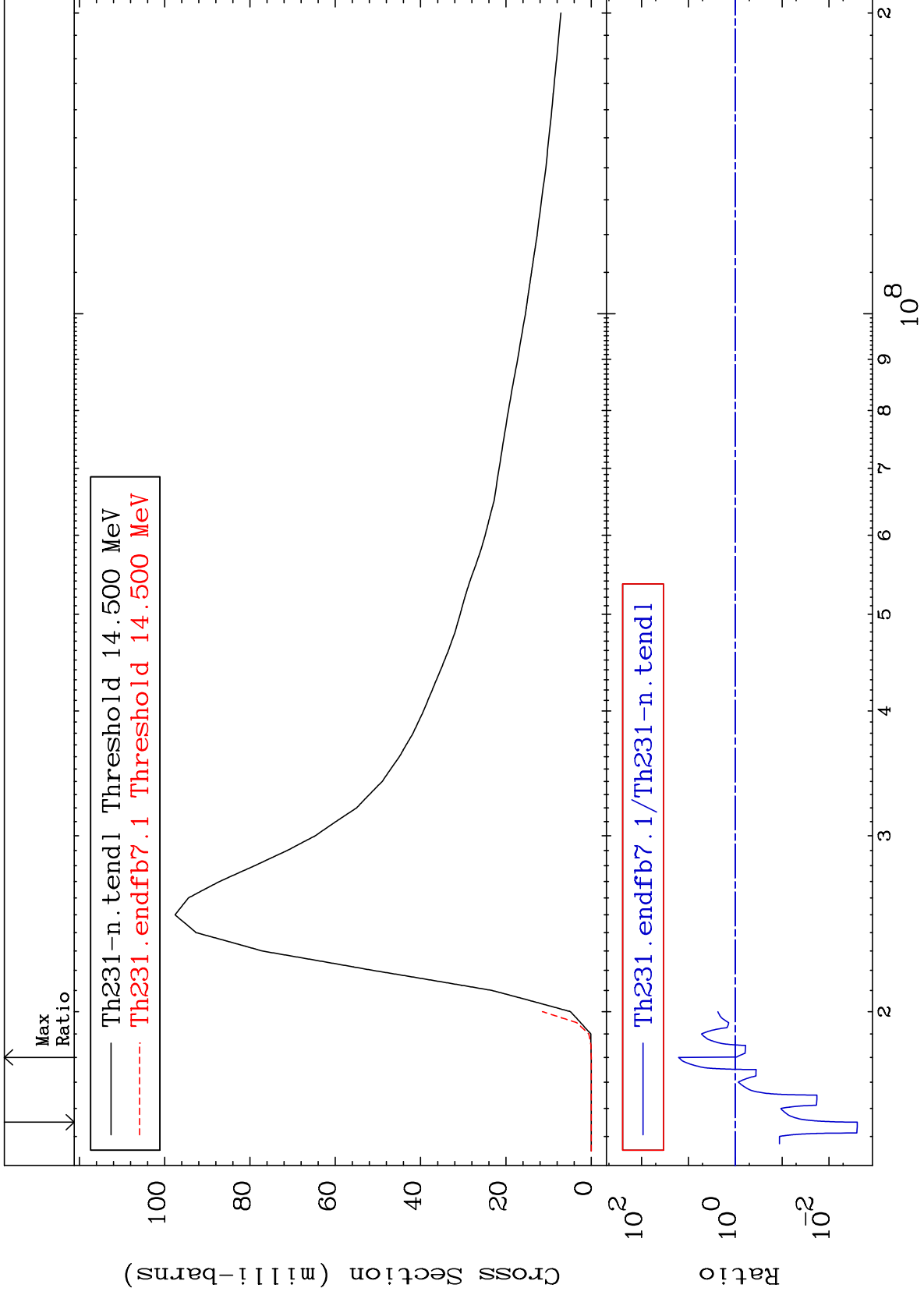
Incident Energy (eV)

90-Th-231

MAT 9037

(n,3nf) Fourth Chance
Cross Section

90-Th-231
-99.75 To 1517. %



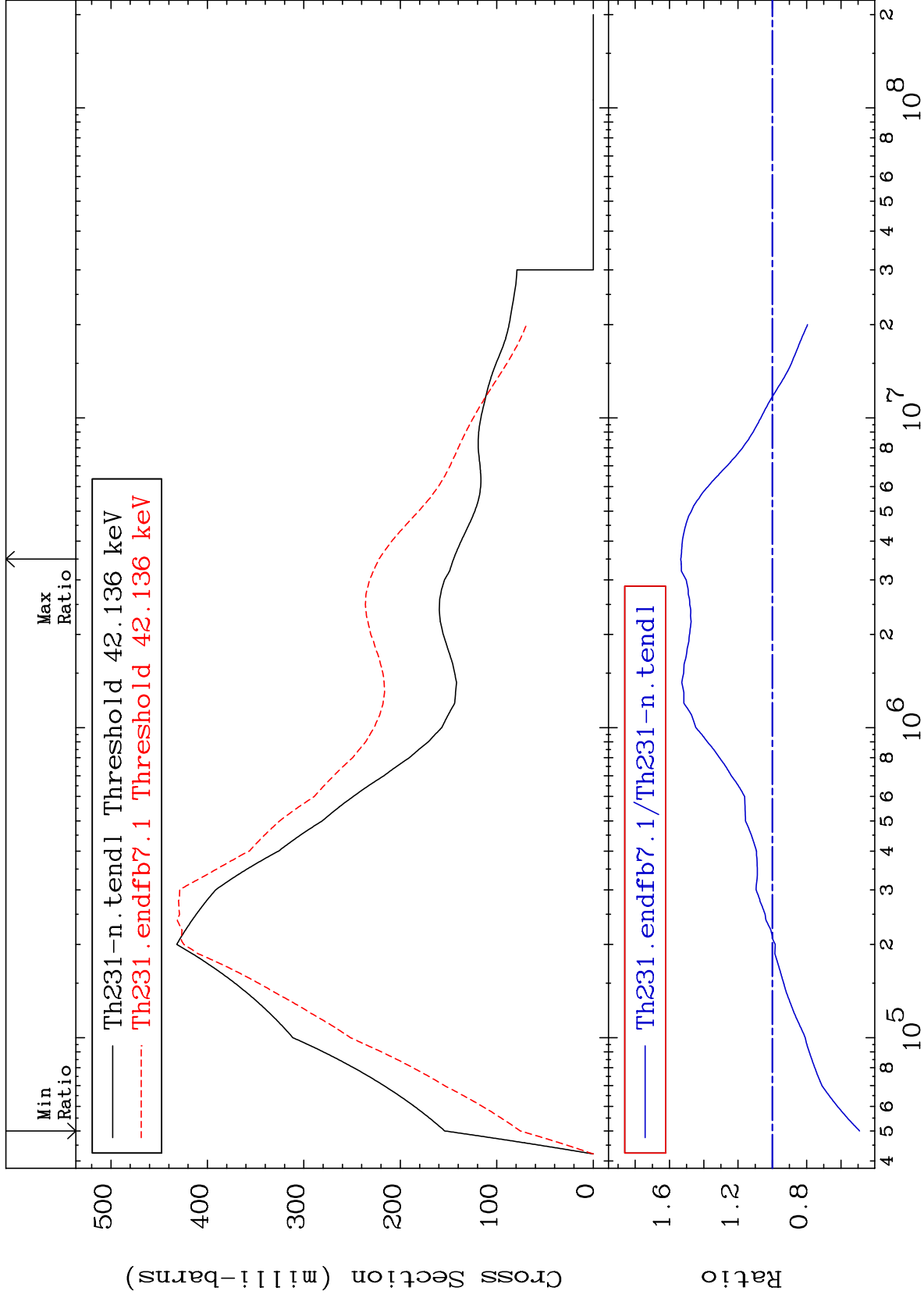
MAT 9037

41.95 keV (n,n') Level

90-Th-231

-50.87 To 53.42 %

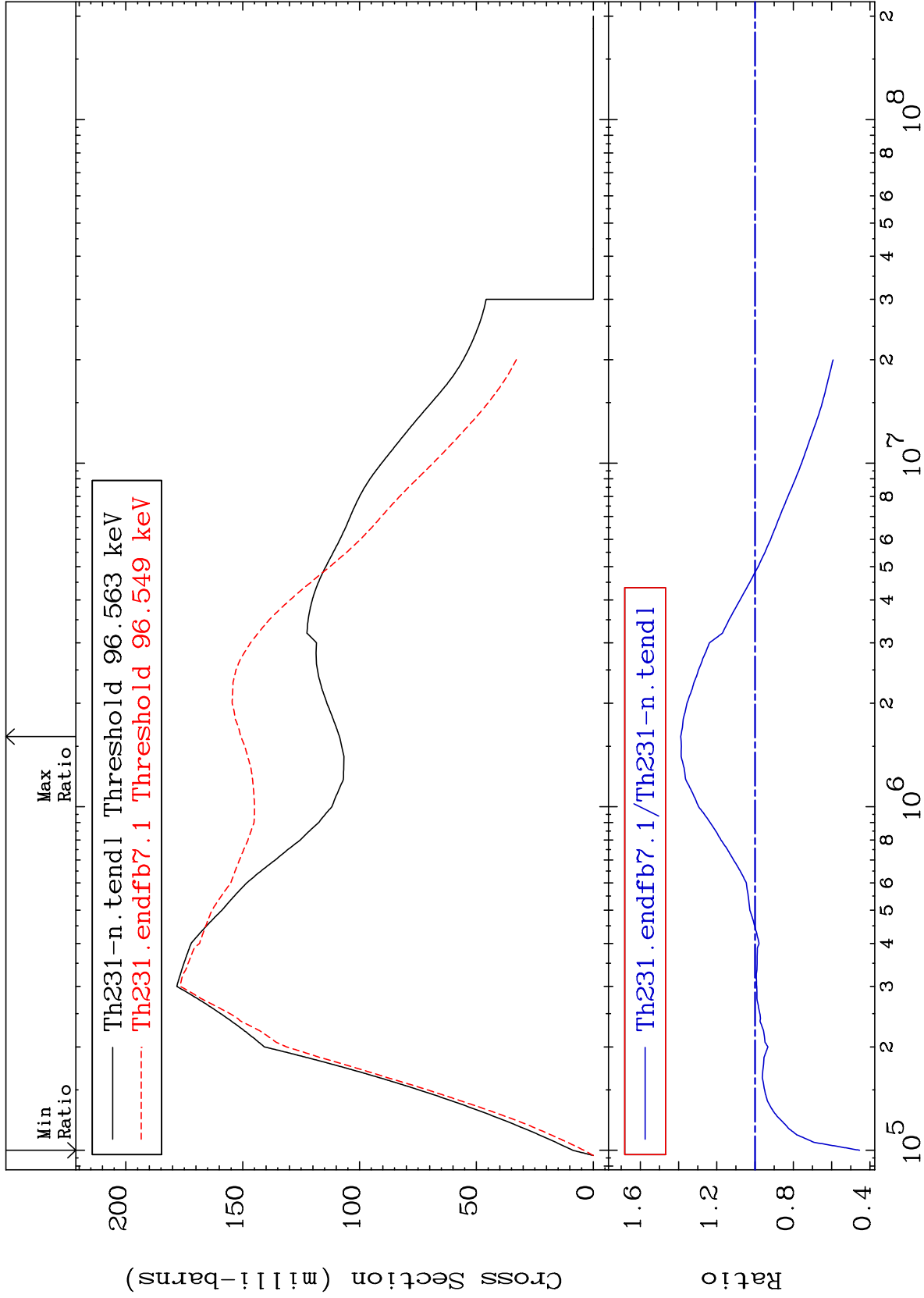
Cross Section



MAT 9037

96.14 keV (n,n') Level
Cross Section

90-Th-231
-54.60 To 38.85 %



13

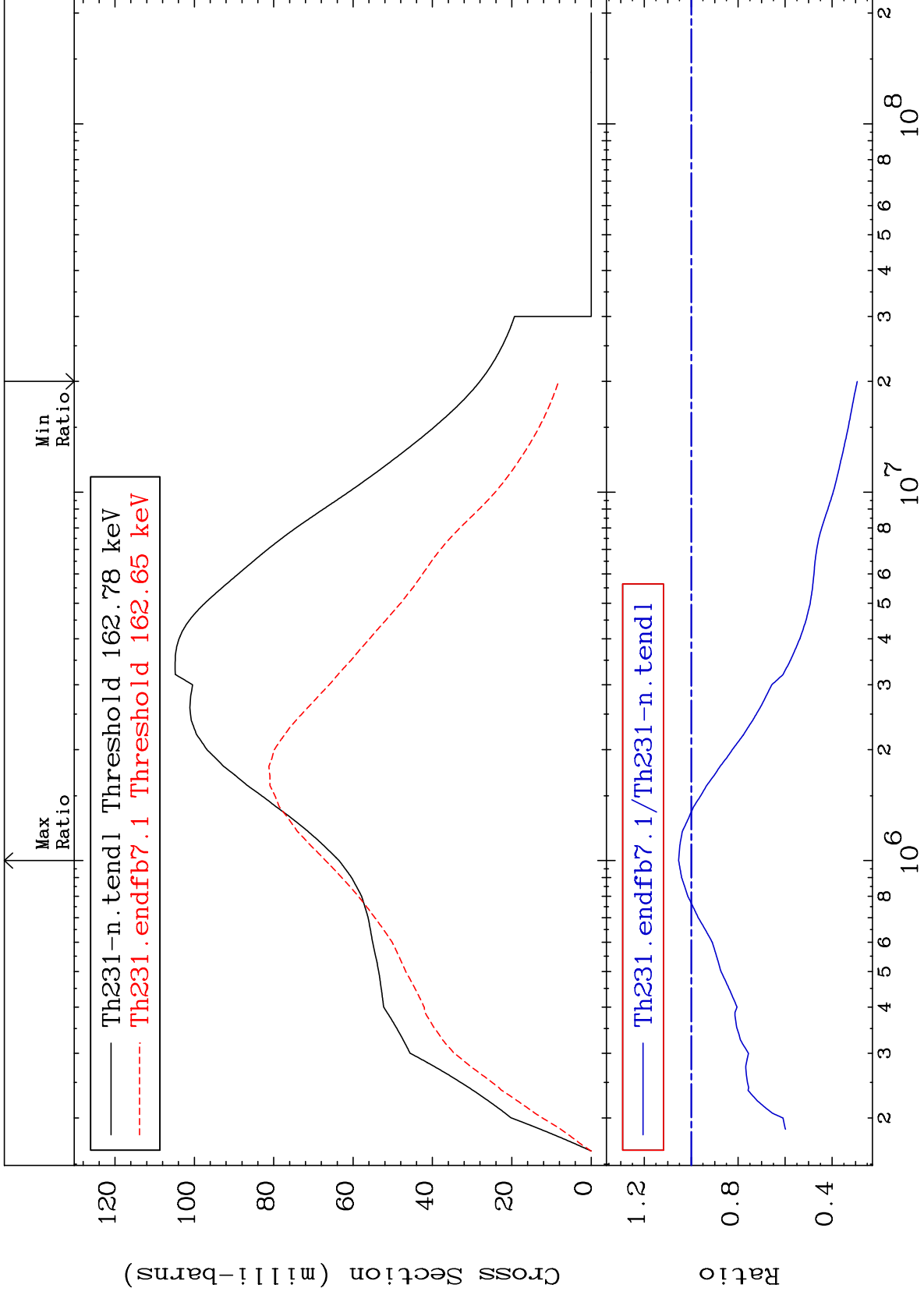
Incident Energy (eV)

90-Th-231

MAT 9037

162.1 keV (n,n') Level
Cross Section

90-Th-231
-70.71 To 5.352 %



14

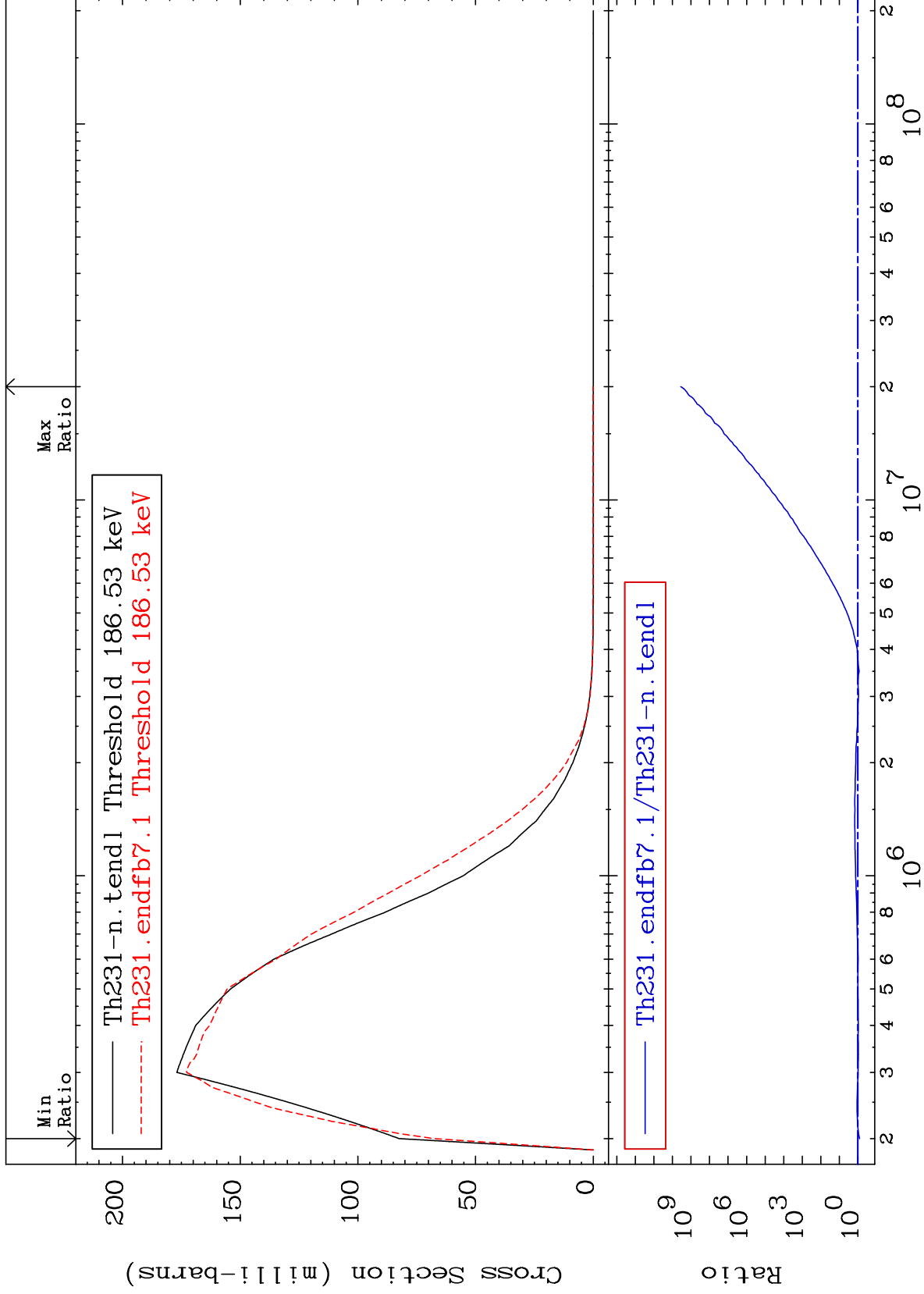
Incident Energy (eV)

90-Th-231

MAT 9037

185.7 keV (n,n') Level
Cross Section

90-Th-231
-18.01 To 9999. %



15

90-Th-231

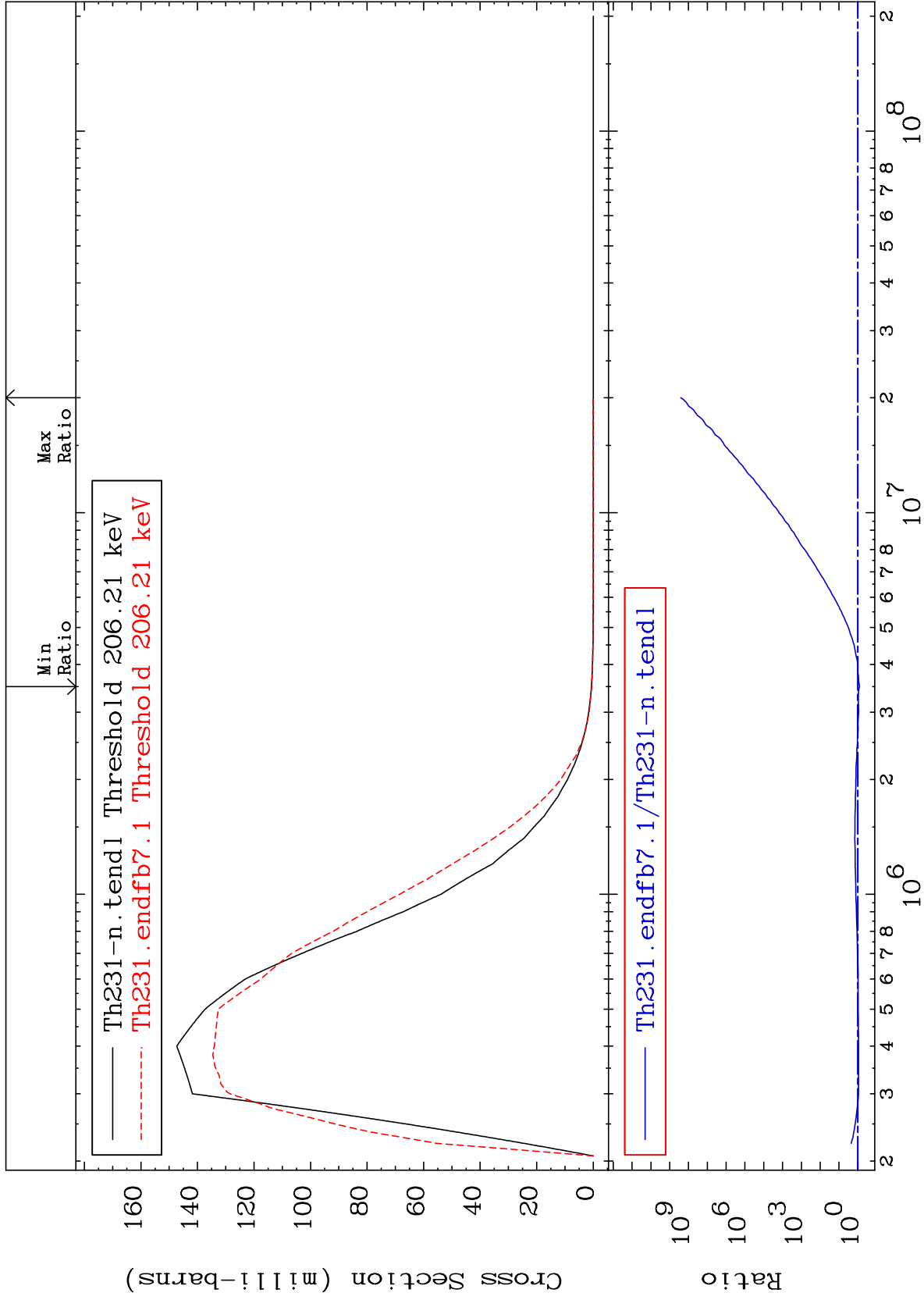
MAT 9037

205.3 keV (n,n') Level

90-Th-231

-19.25 To 9999. %

Cross Section



16

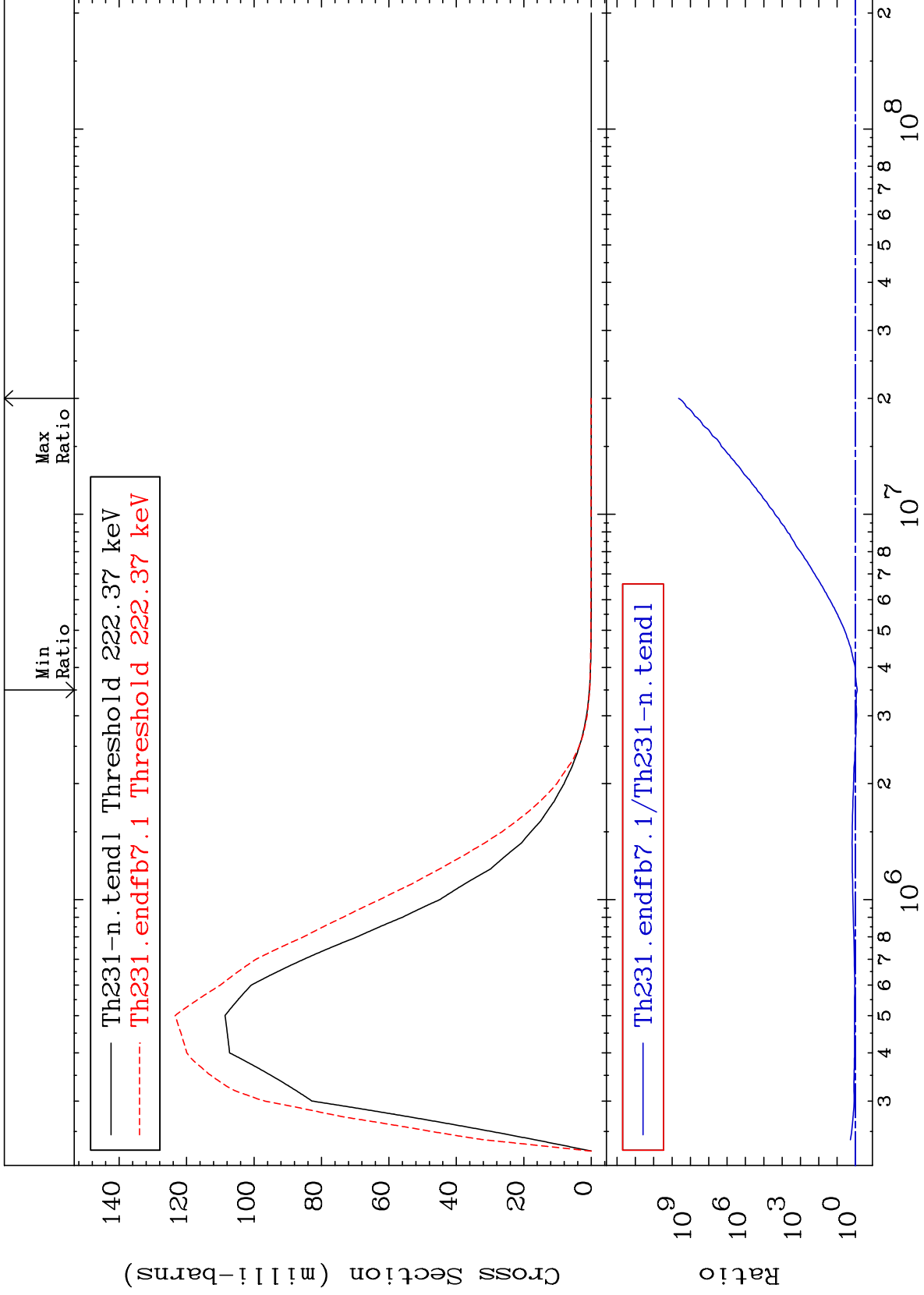
Incident Energy (eV)

90-Th-231

MAT 9037

221.4 keV (n,n') Level
Cross Section

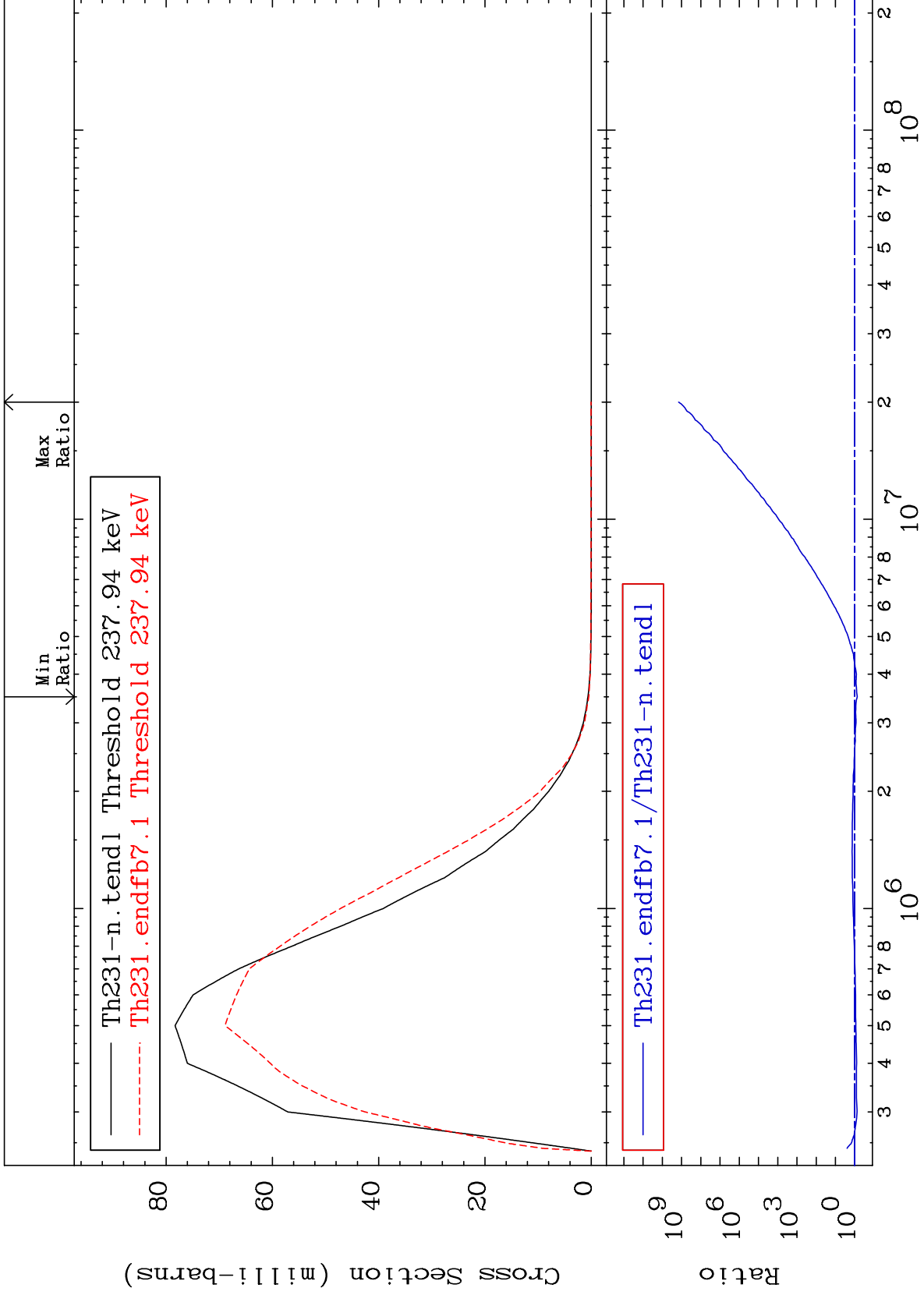
90-Th-231
-20.07 To 9999. %



MAT 9037

236.9 keV (n,n') Level
Cross Section

90-Th-231
-26.86 To 9999. %



18

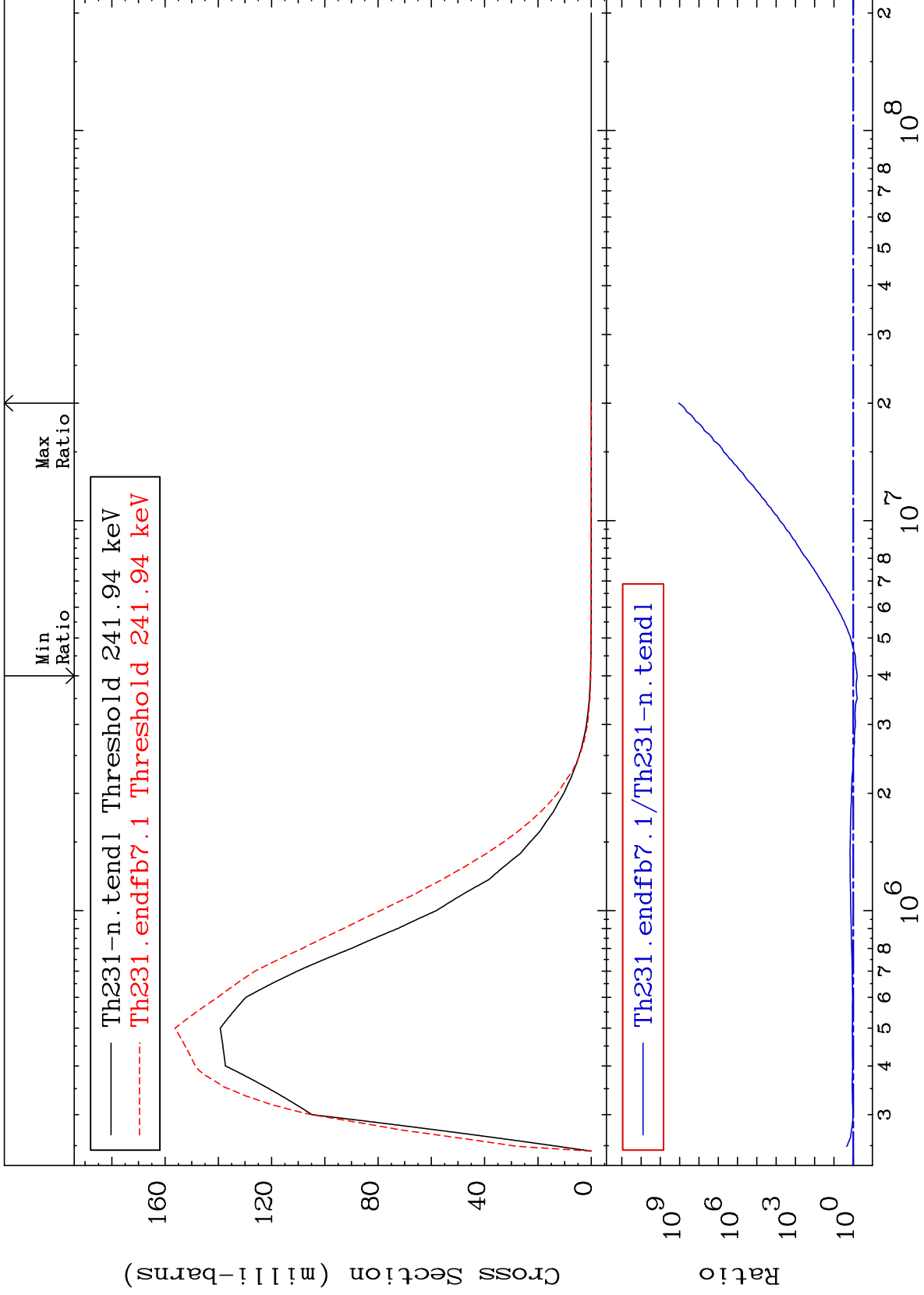
Incident Energy (eV)

90-Th-231

MAT 9037

240.9 keV (n,n') Level
Cross Section

90-Th-231
-37.69 To 9999. %



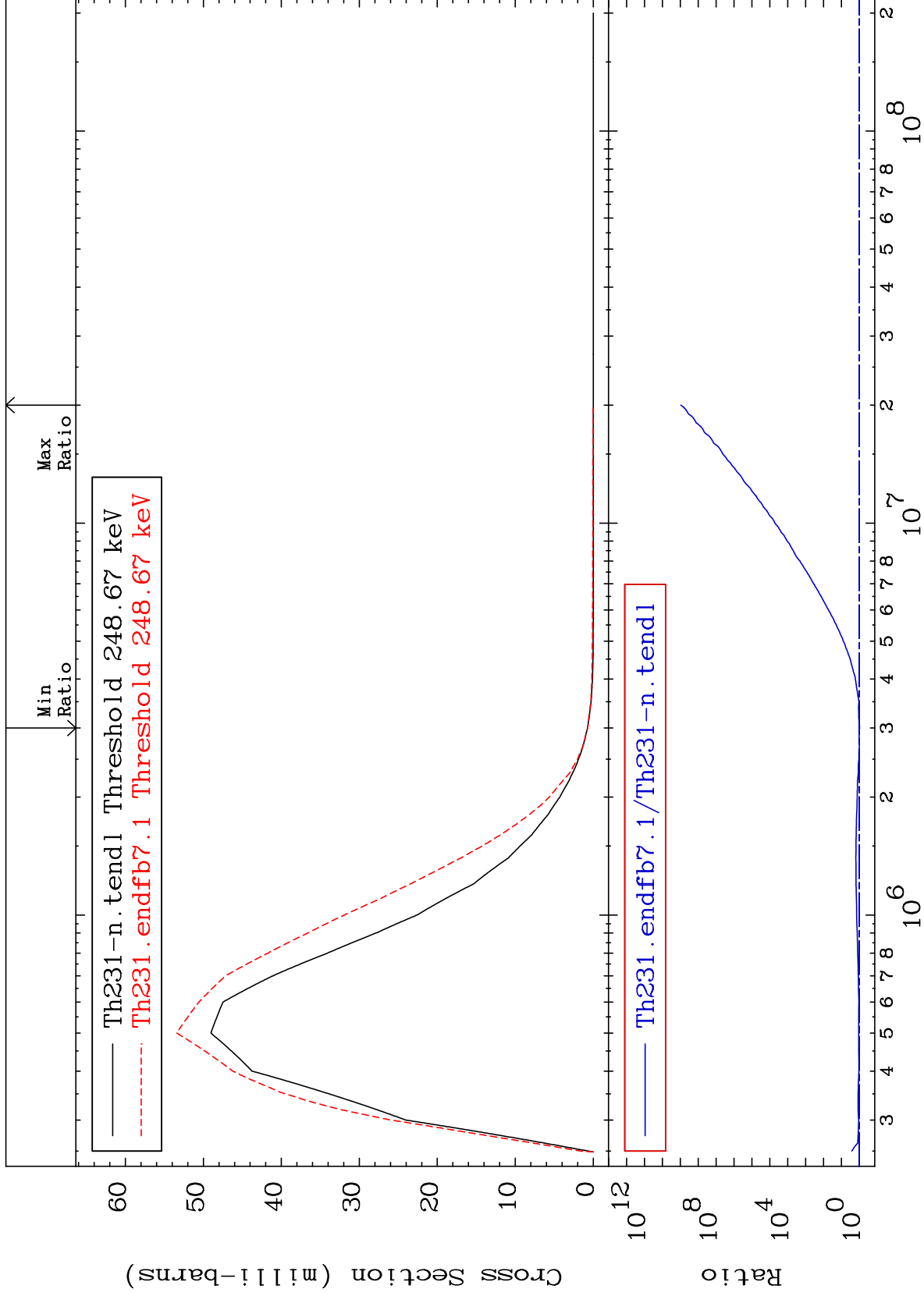
MAT 9037

247.6 keV (n,n') Level

90-Th-231

-2.908 To 9999. %

Cross Section



20

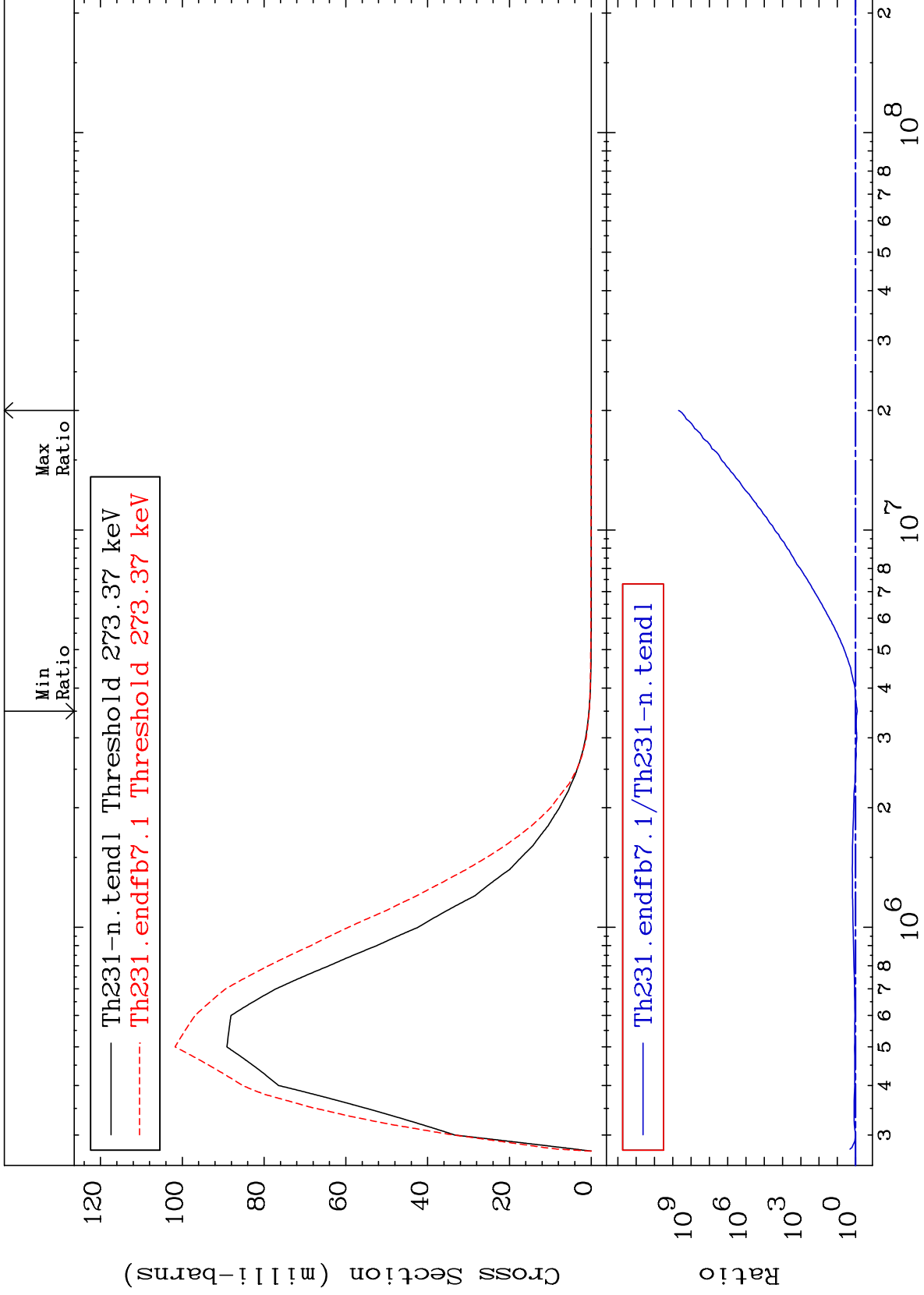
Incident Energy (eV)

90-Th-231

MAT 9037

272.2 keV (n,n') Level
Cross Section

90-Th-231
-18.05 To 9999. %



21

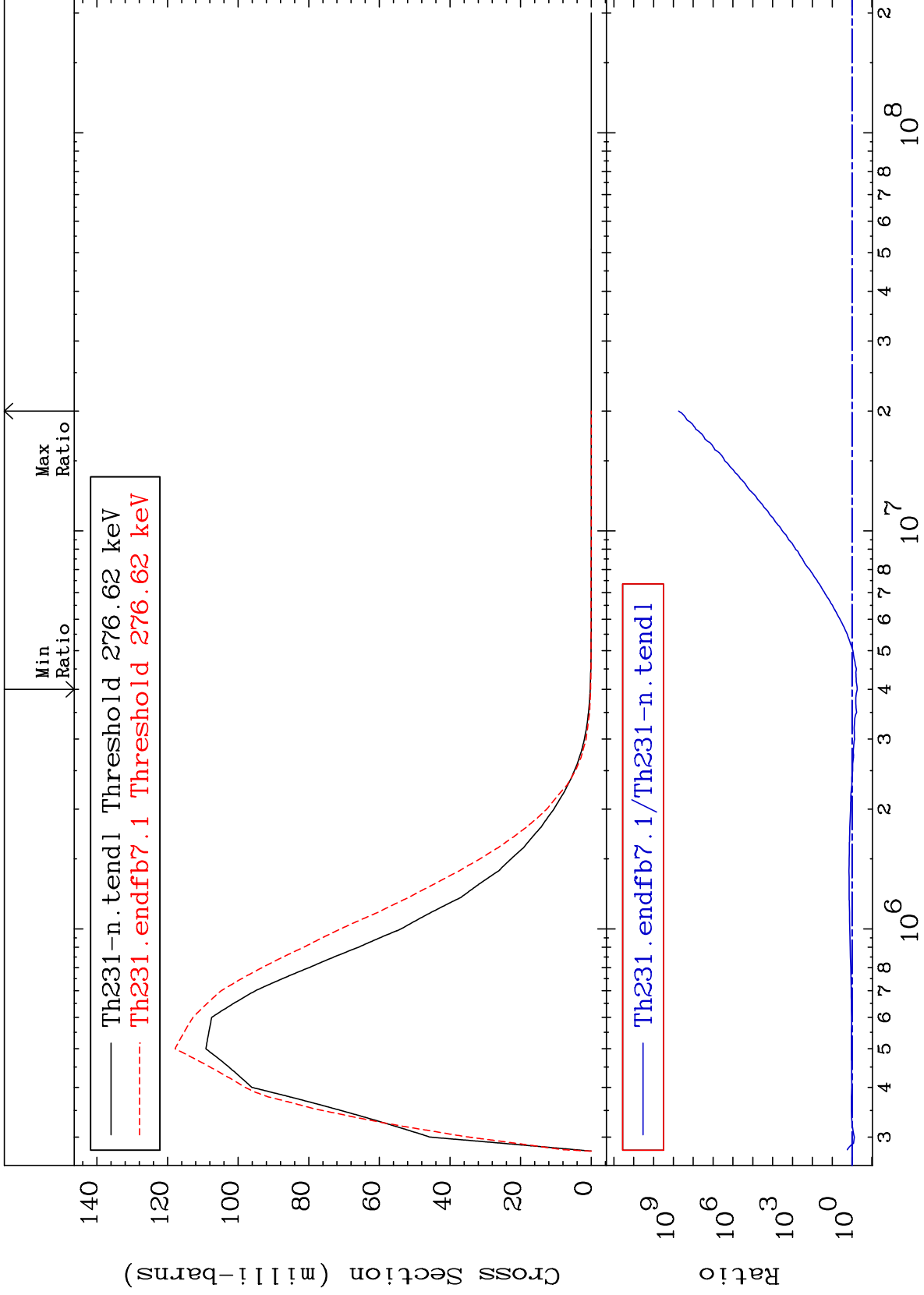
Incident Energy (eV)

90-Th-231

MAT 9037

275.4 keV (n,n') Level
Cross Section

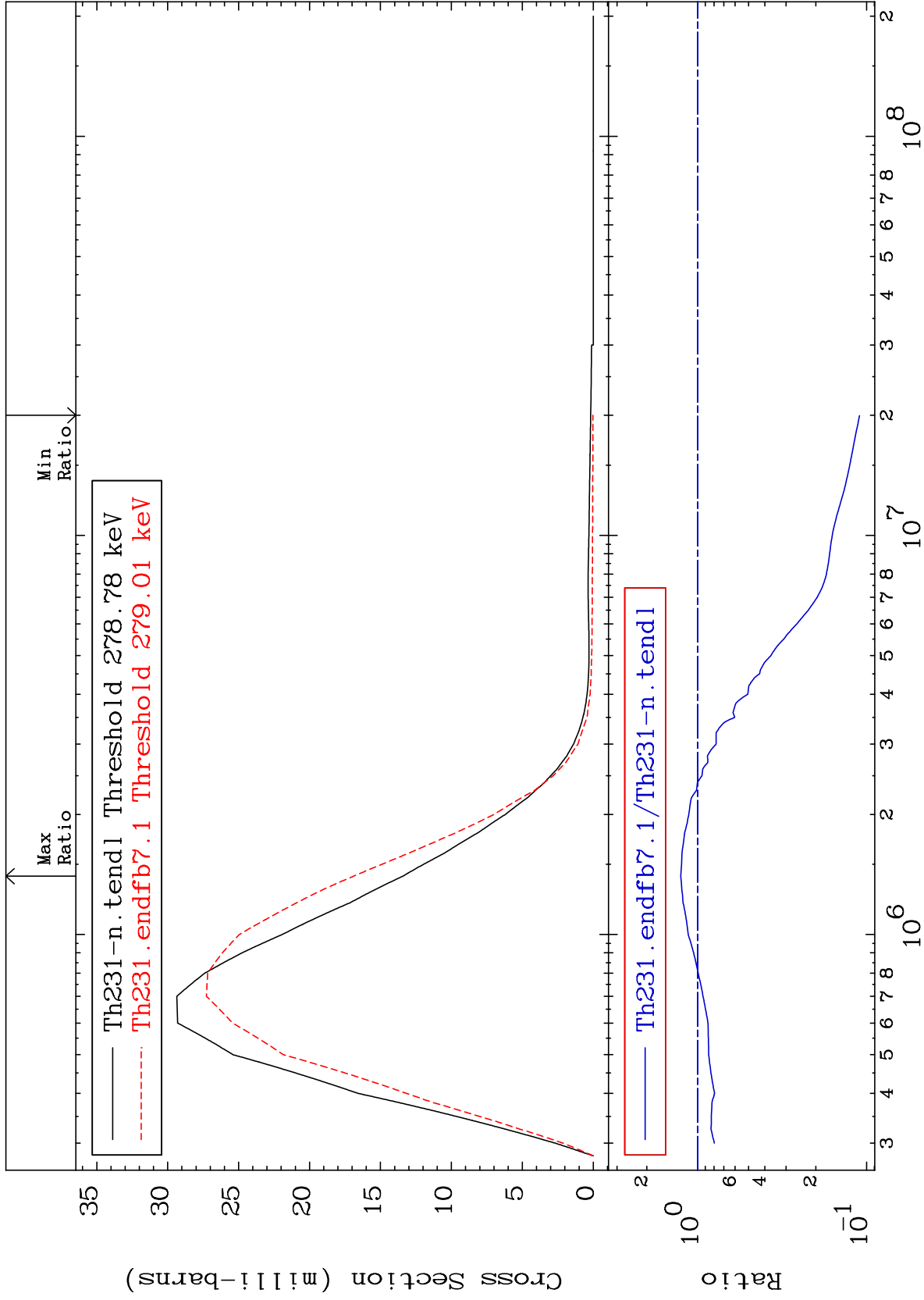
90-Th-231
-45.37 To 9999. %



MAT 9037

277.6 keV (n,n') Level
Cross Section

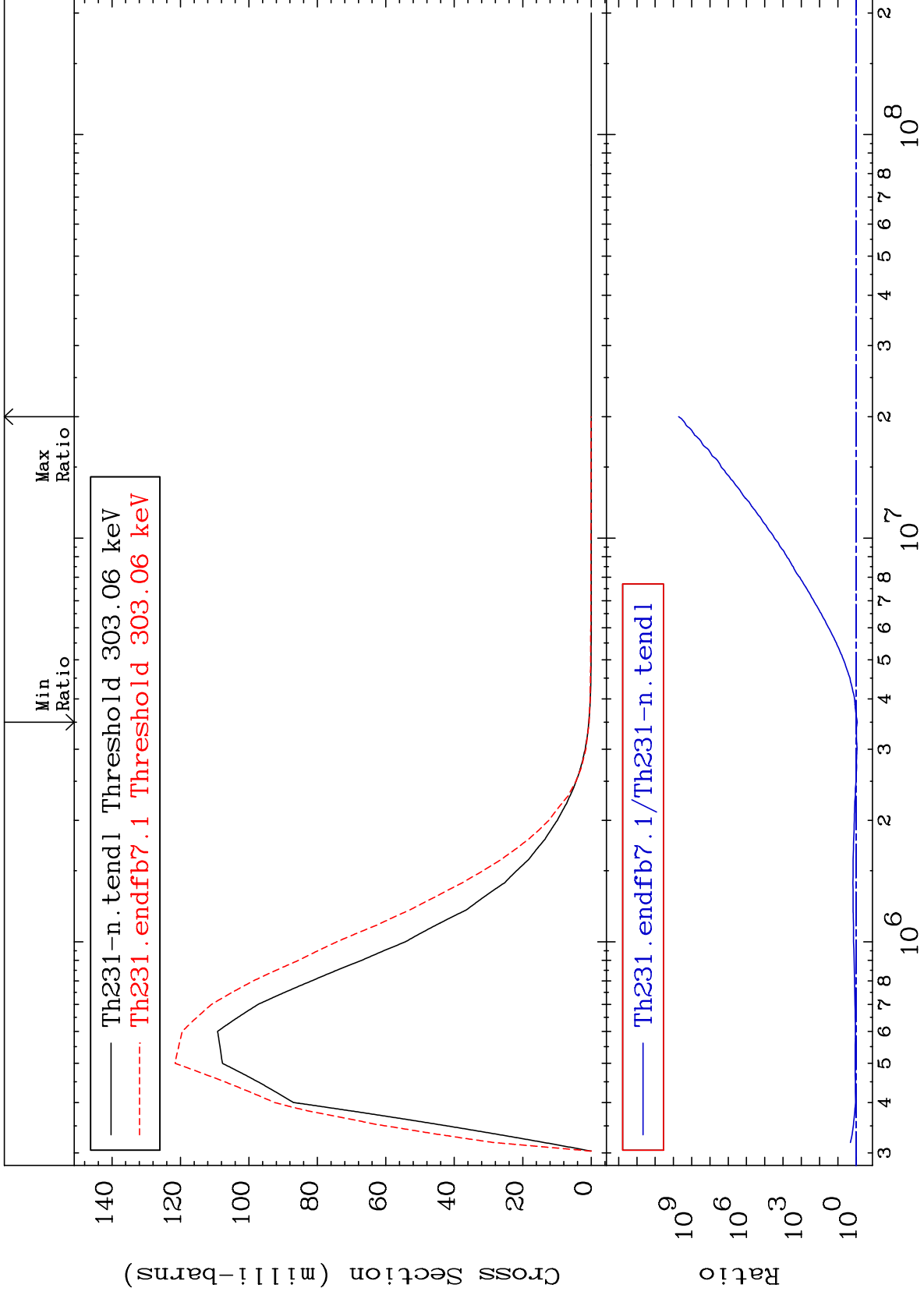
90-Th-231
-88.98 To 25.83 %



MAT 9037

301.7 keV (n,n') Level
Cross Section

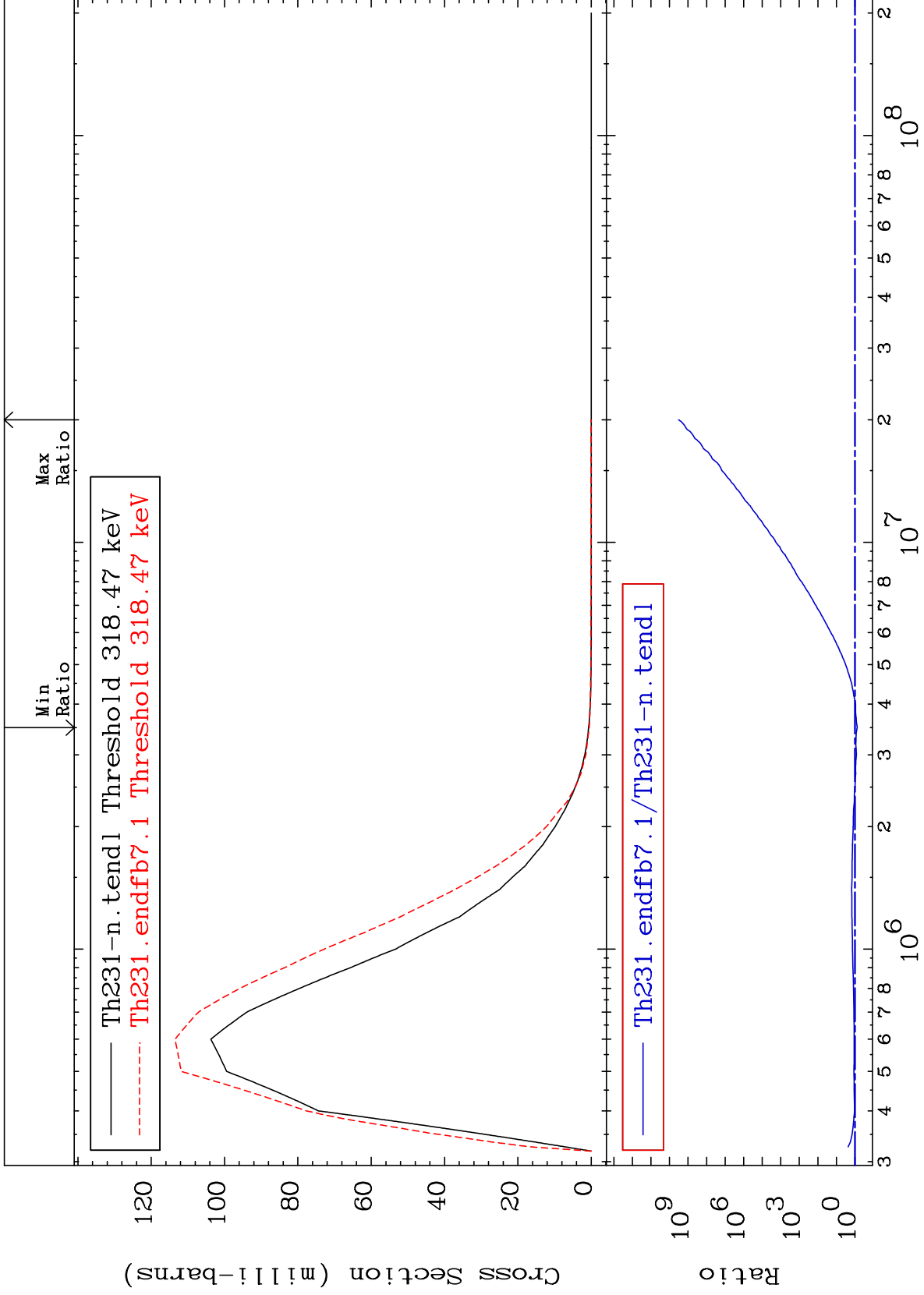
90-Th-231
-13.73 To 9999. %



MAT 9037

317.1 keV (n,n') Level
Cross Section

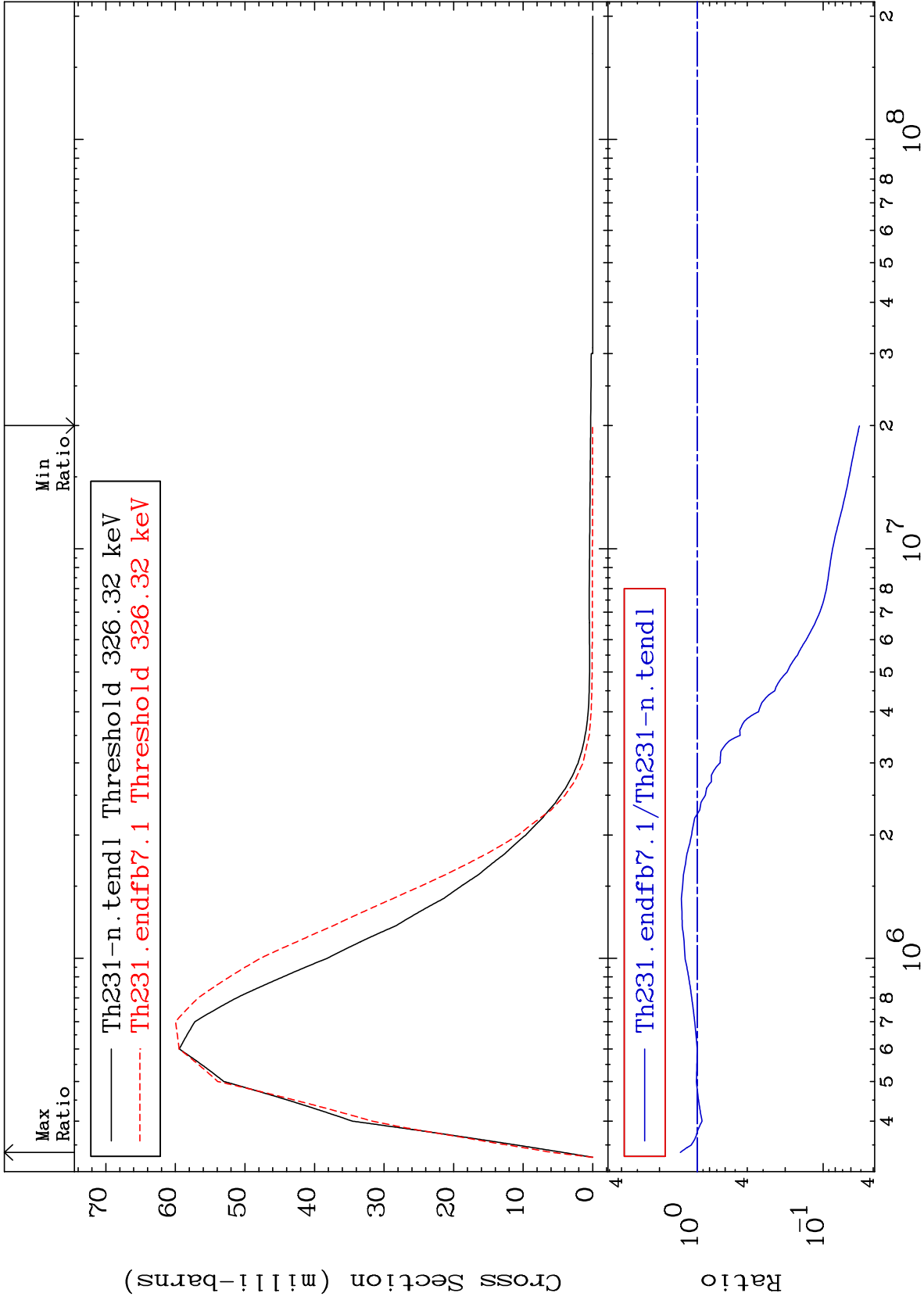
90-Th-231
-25.10 To 9999. %



MAT 9037

324.9 keV (n,n') Level
Cross Section

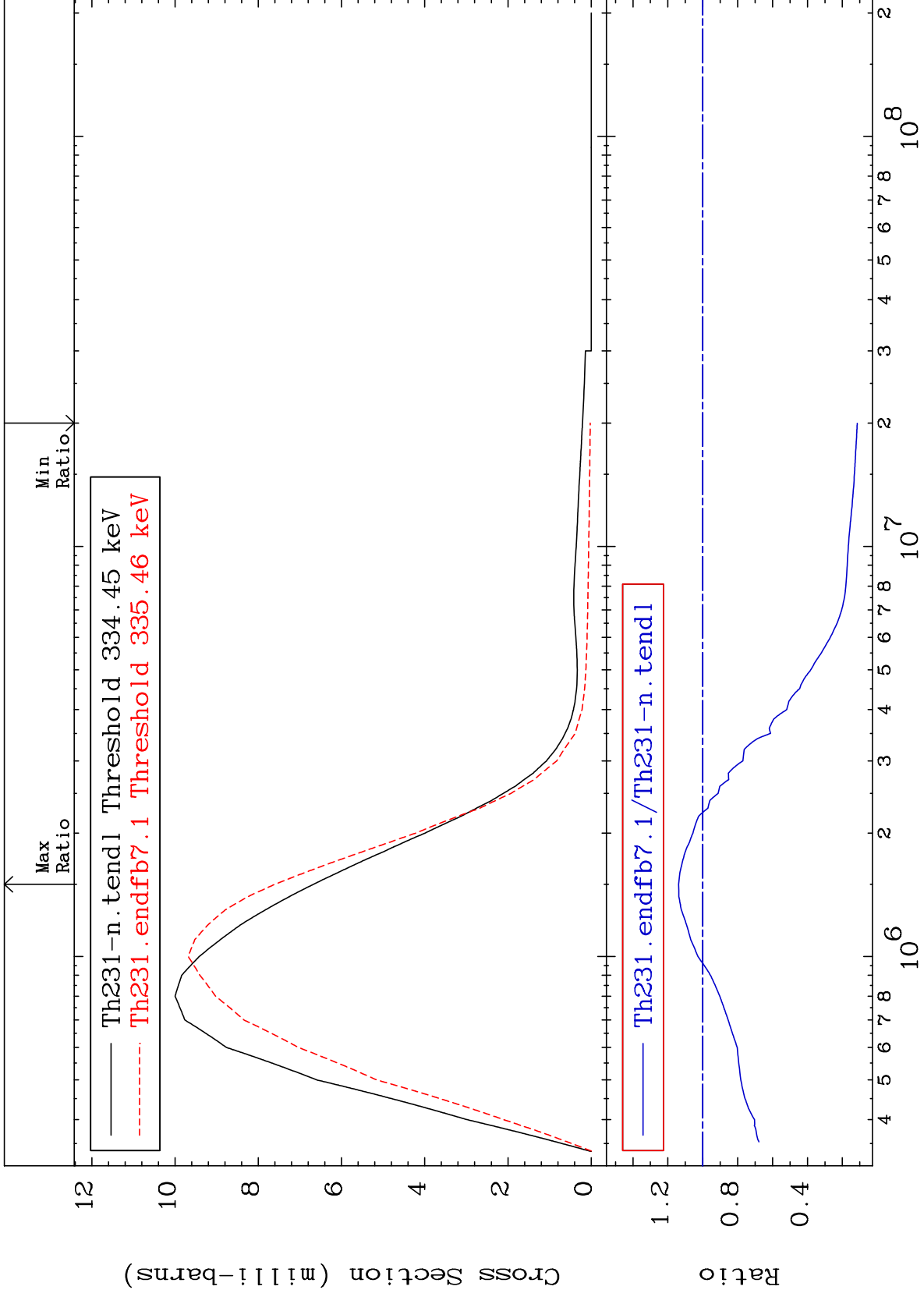
90-Th-231
-94.86 To 36.34 %



MAT 9037

333.0 keV (n,n') Level
Cross Section

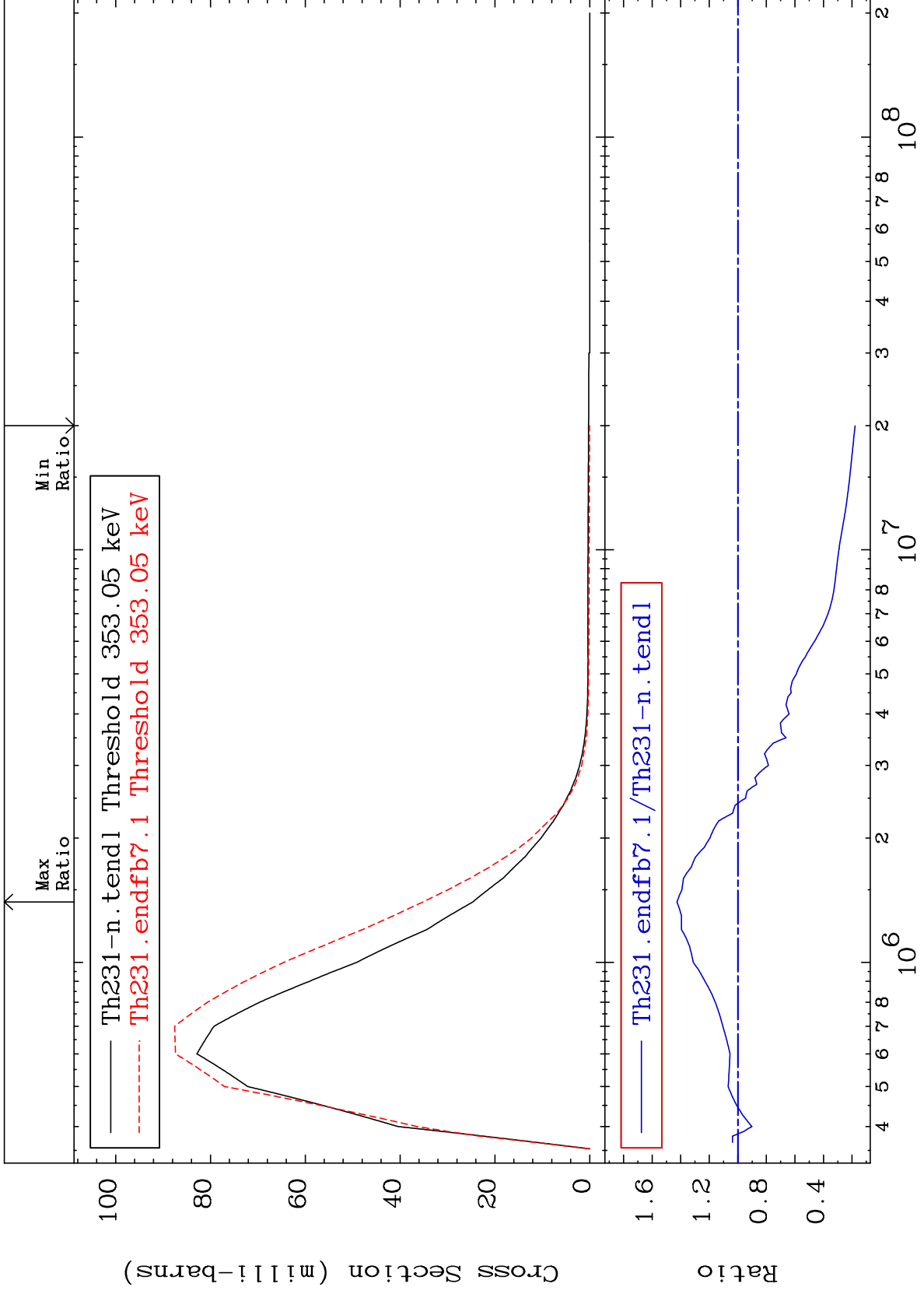
90-Th-231
-88.53 To 13.82 %



MAT 9037

351.5 keV (n,n') Level
Cross Section

90-Th-231
-82.13 To 42.64 %



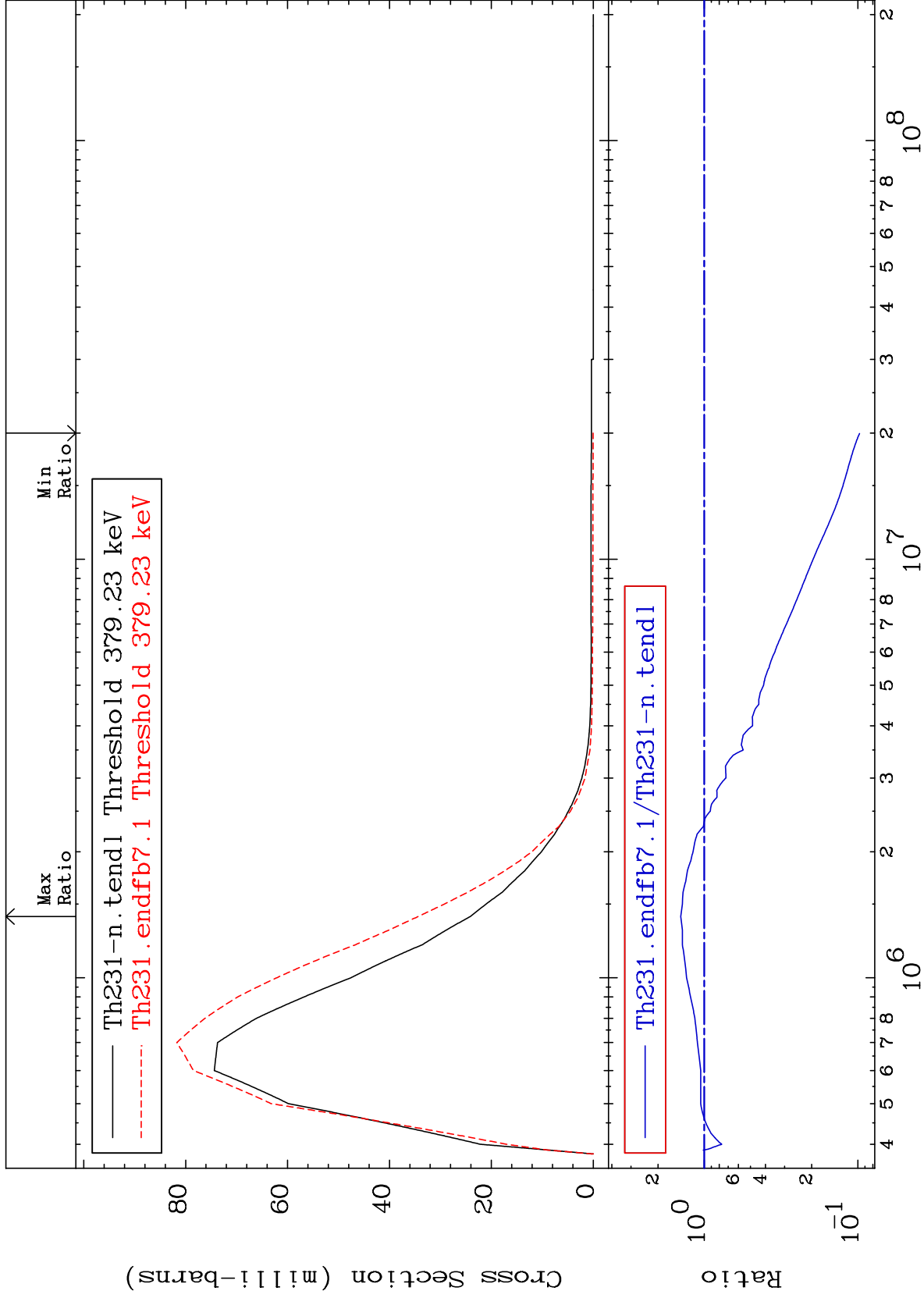
MAT 9037

377.6 keV (n,n') Level

90-Th-231

-90.24 To 42.32 %

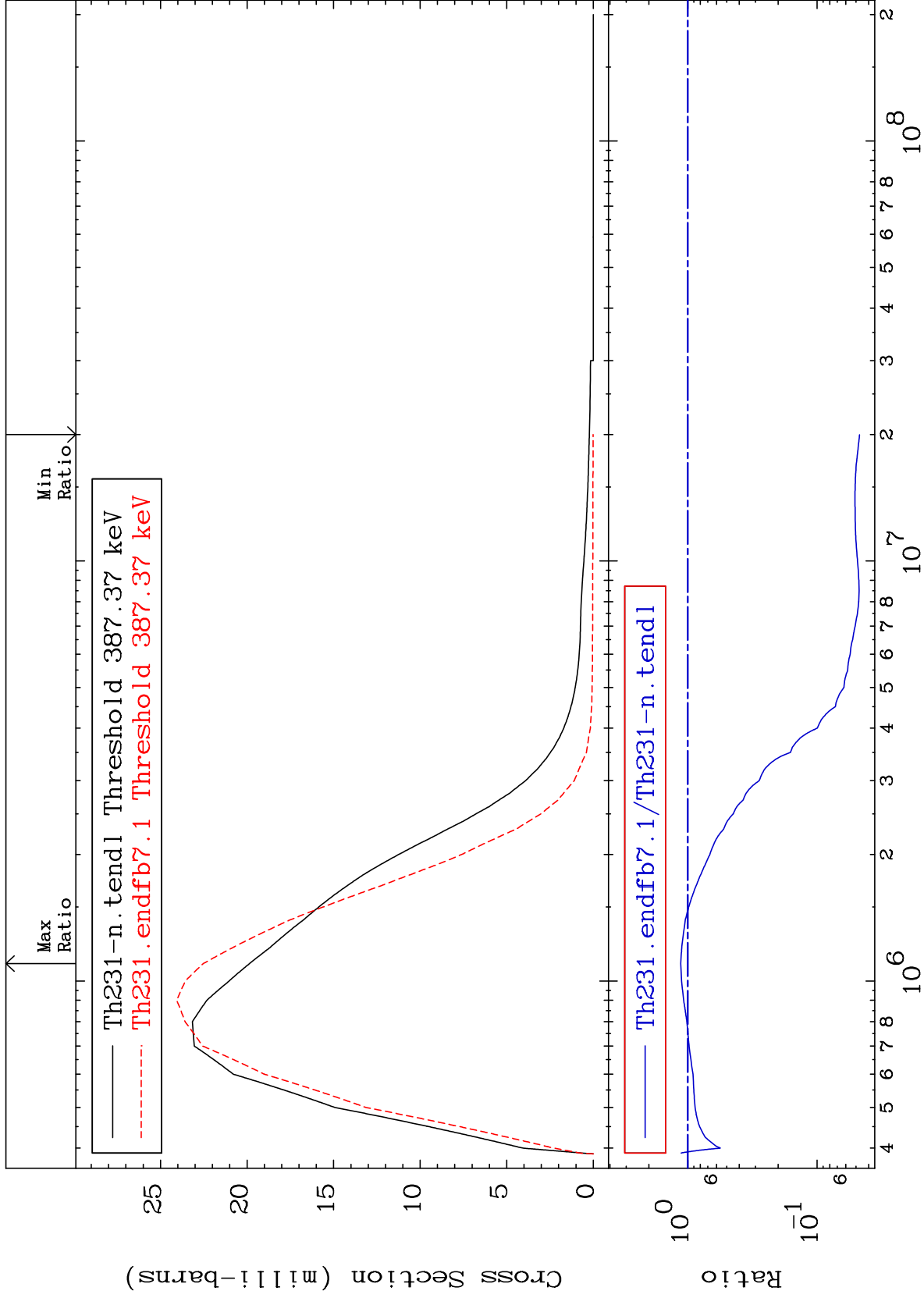
Cross Section



MAT 9037

385.7 keV (n,n') Level
Cross Section

90-Th-231
-95.30 To 13.45 %



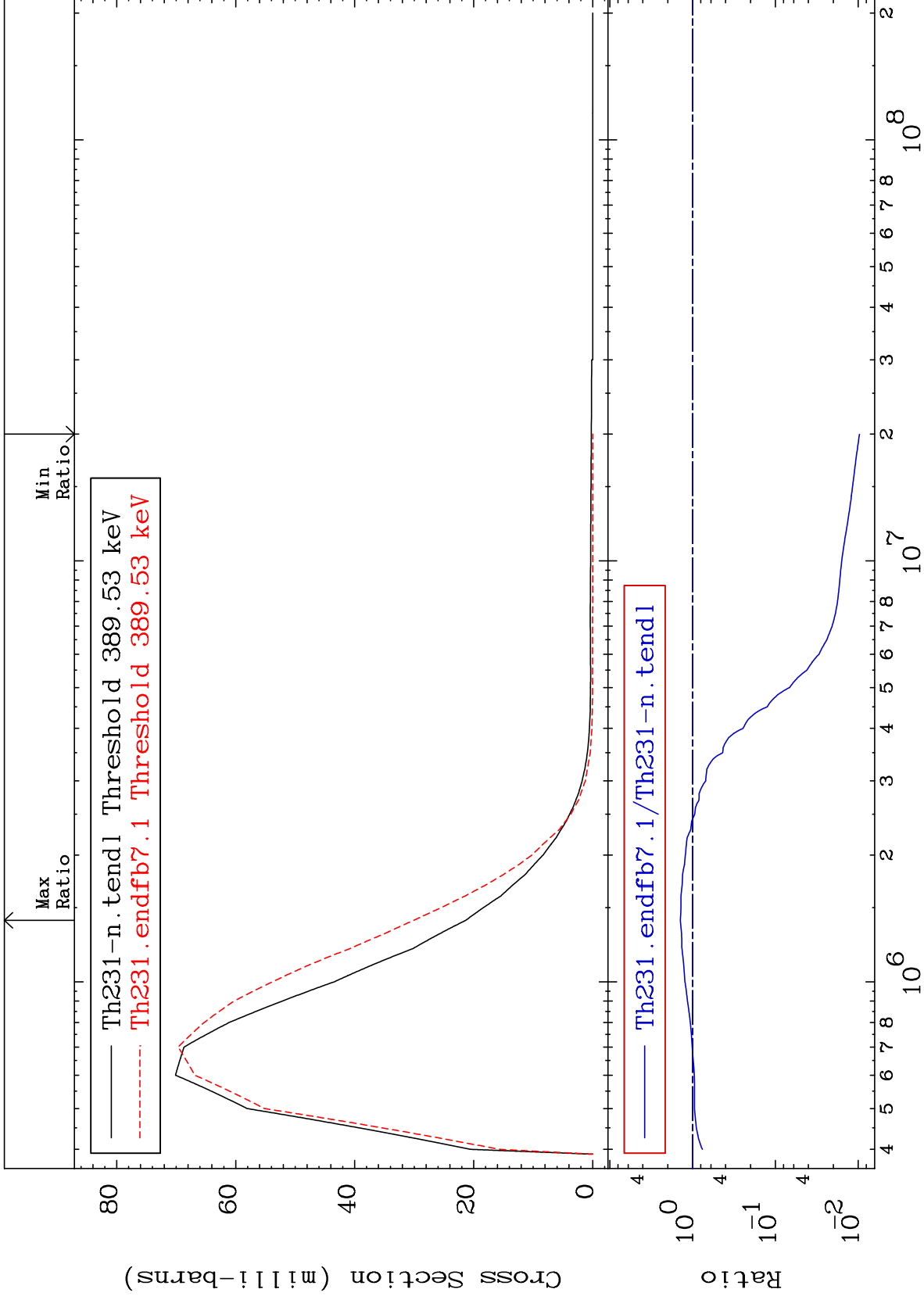
30

90-Th-231

MAT 9037

387.8 keV (n,n') Level
Cross Section

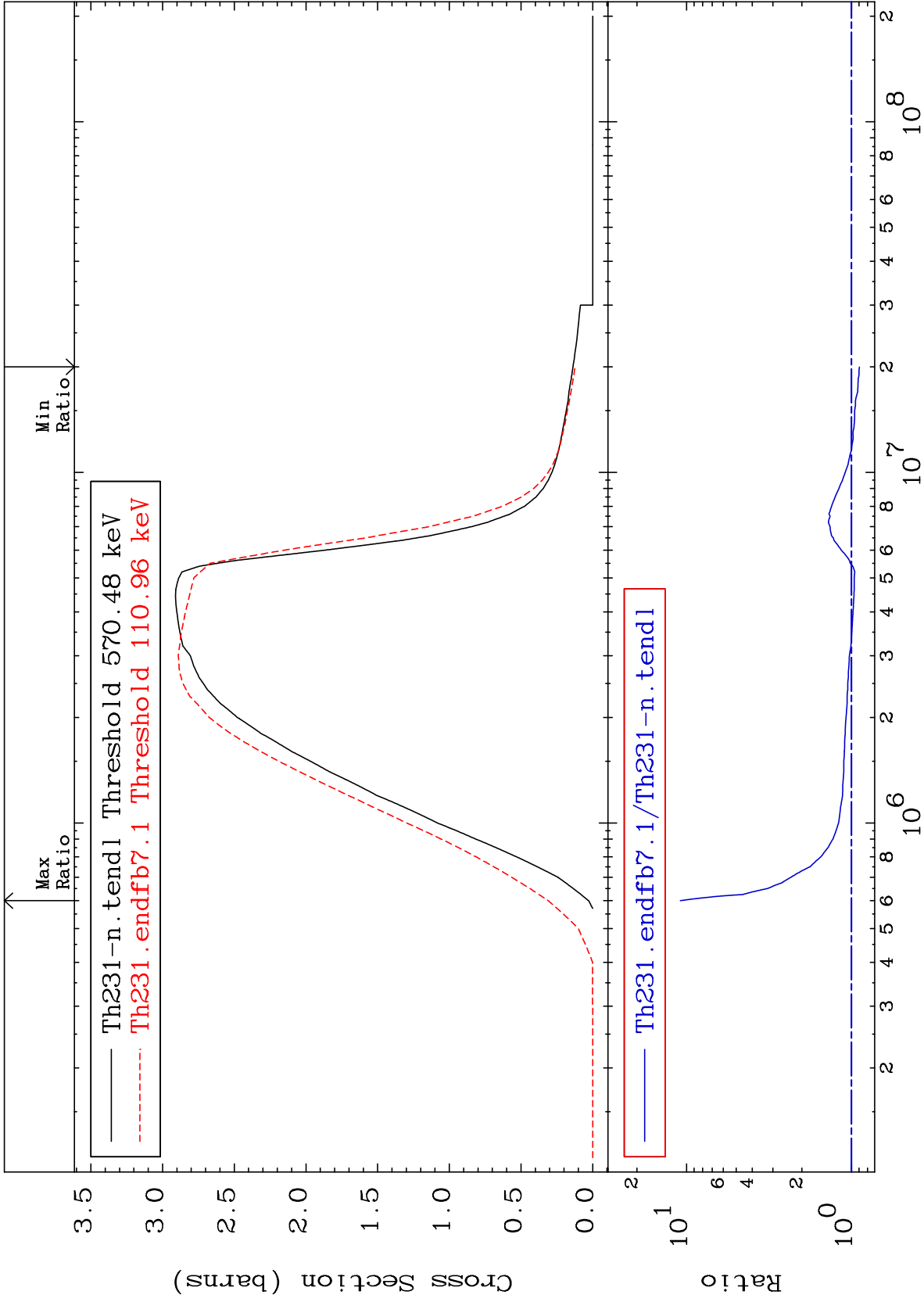
90-Th-231
-99.03 To 40.89 %



MAT 9037

(n, n') Continuum
Cross Section

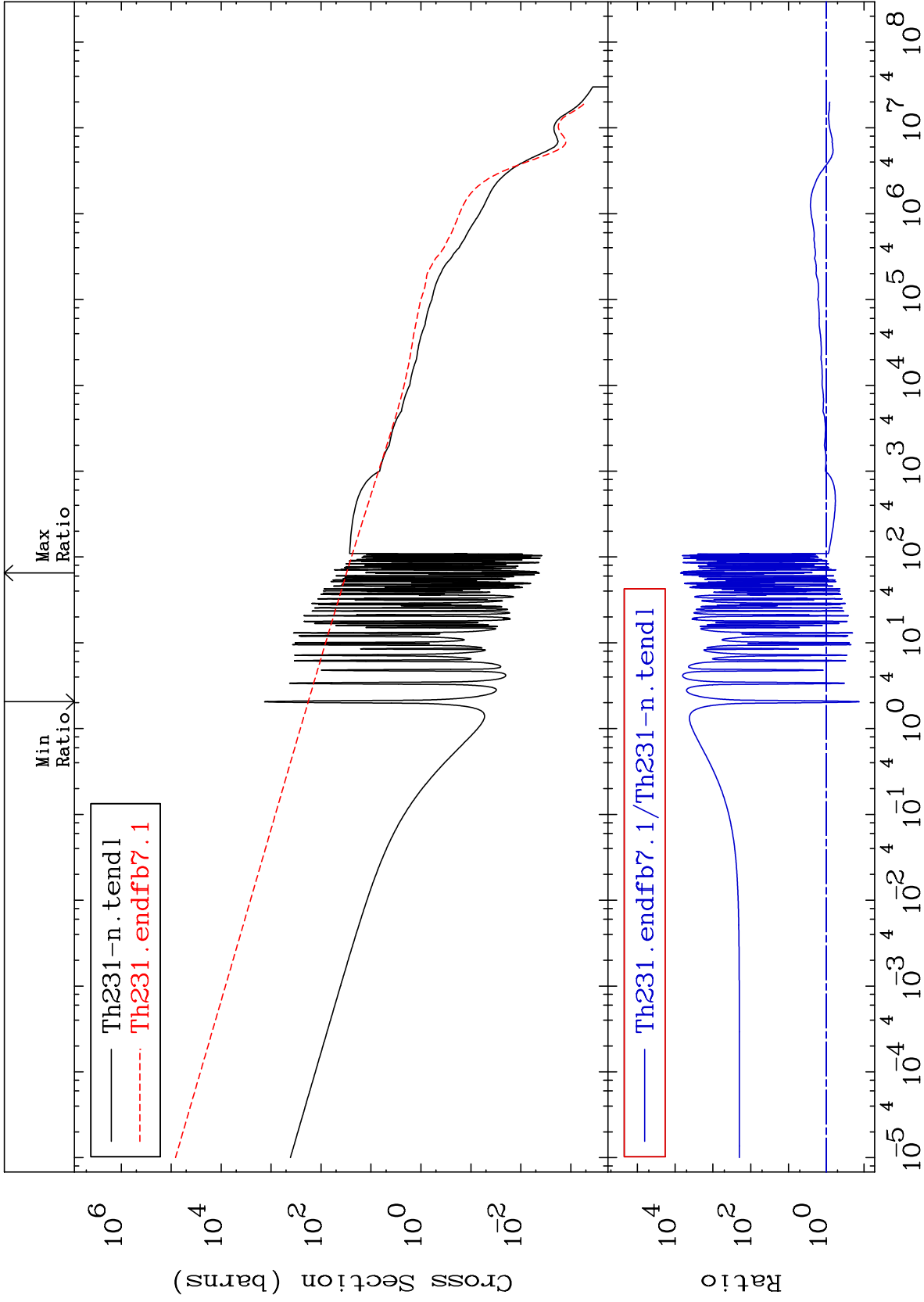
90-Th-231
-10.49 To 991.3 %



MAT 9037

(n, γ)
Cross Section

90-Th-231
-86.78 To 9999. %



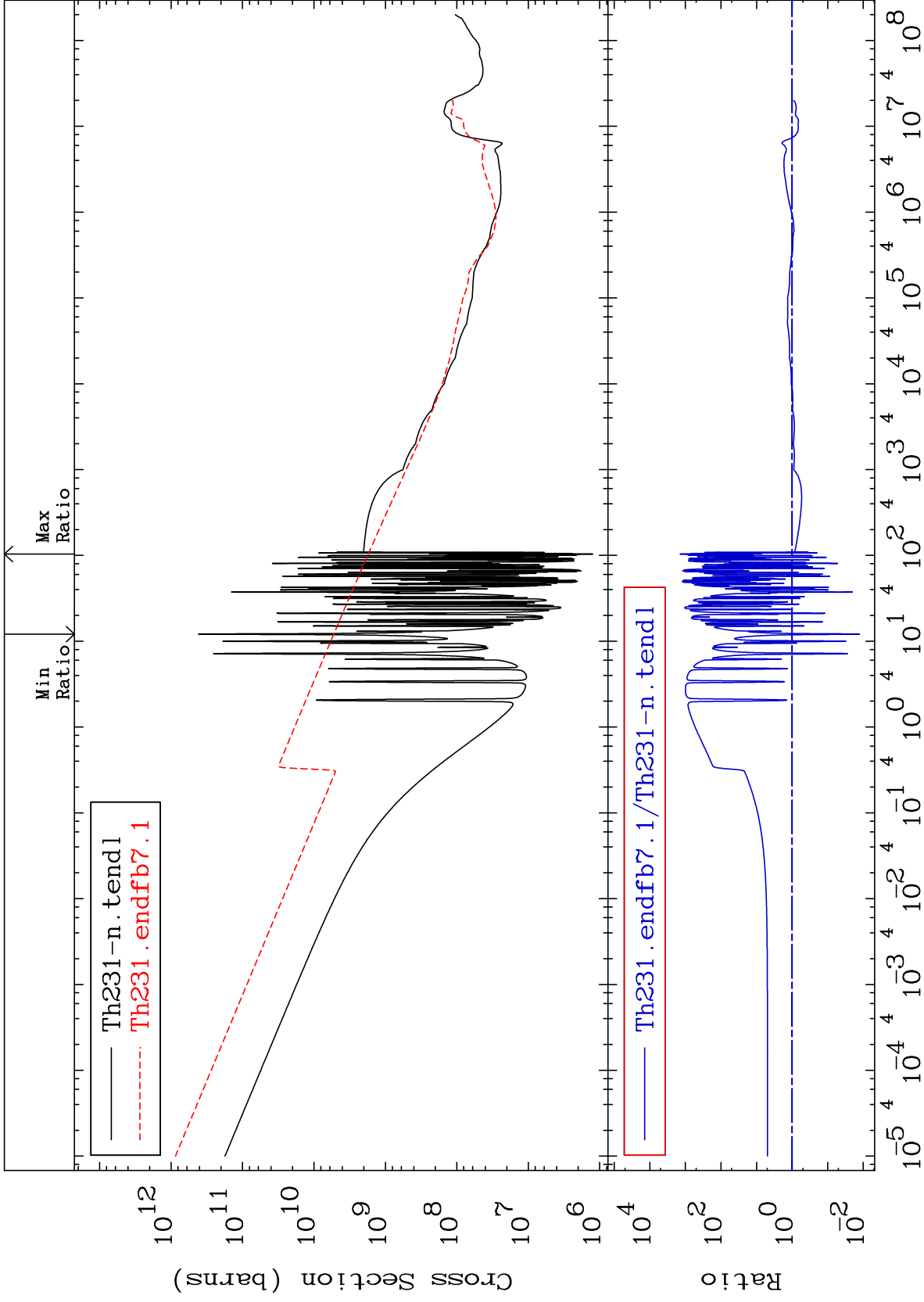
MAT 9037

Kerma total (eV-barns)

90-Th-231

-98.72 To 9999. %

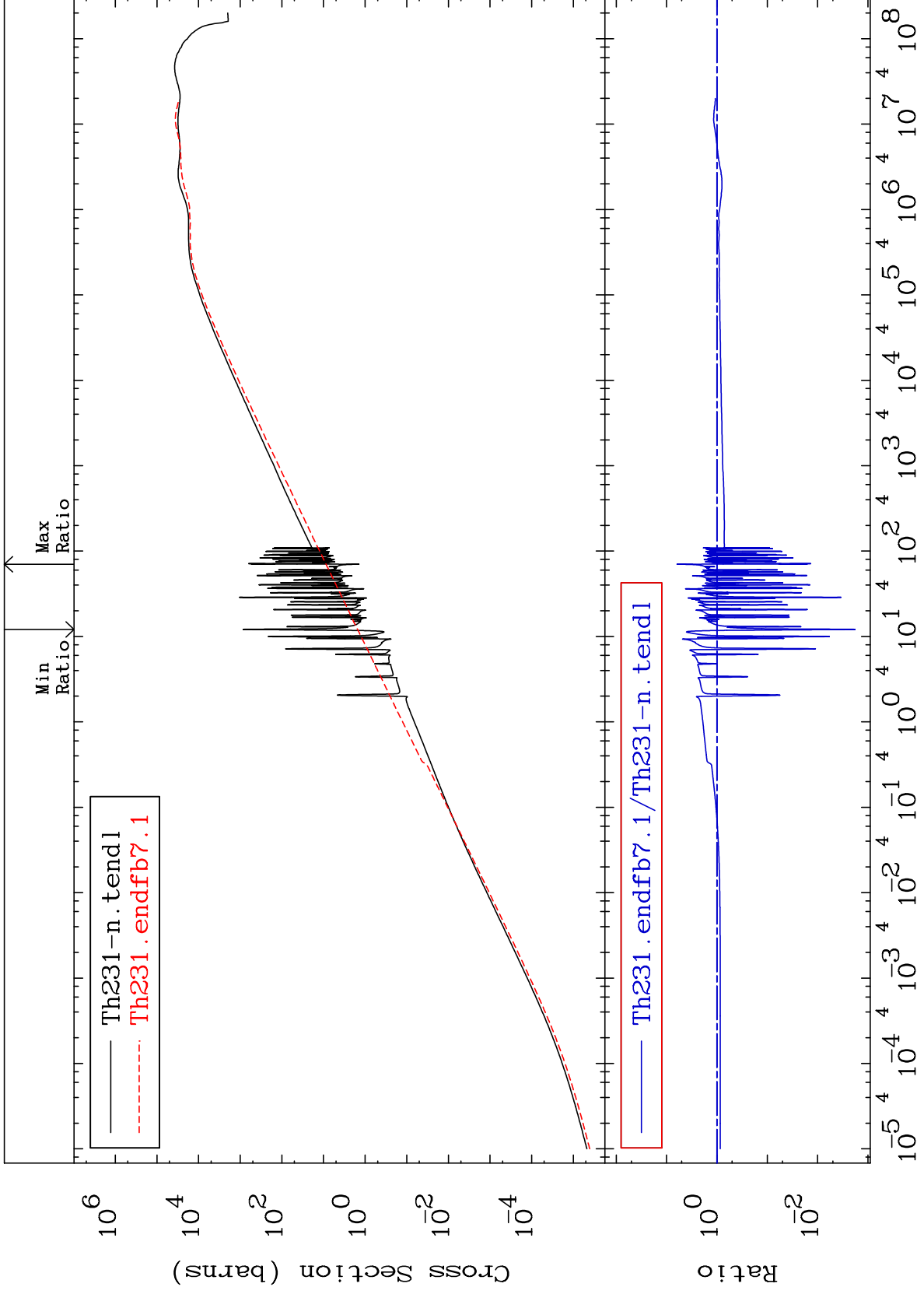
Cross Section

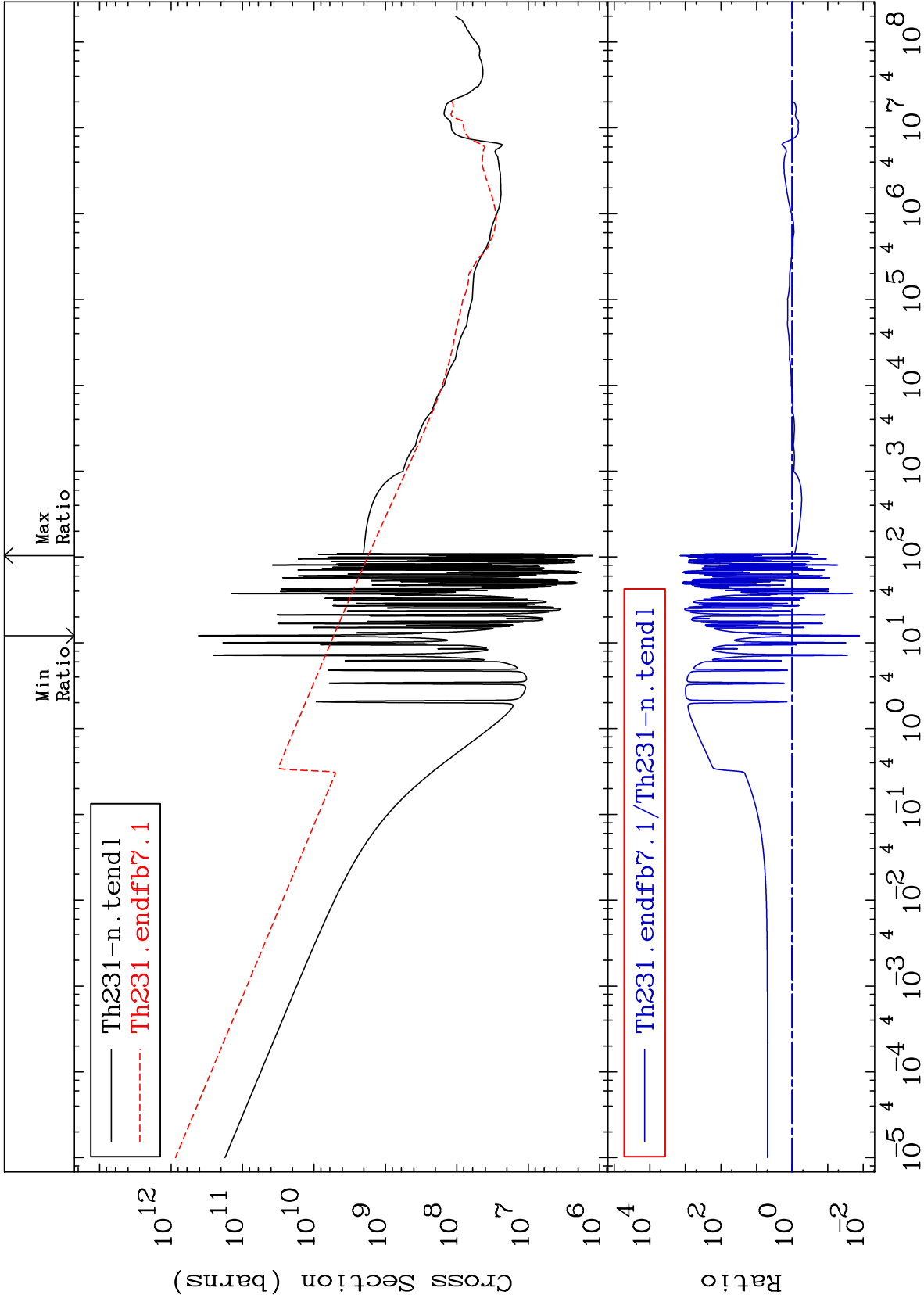


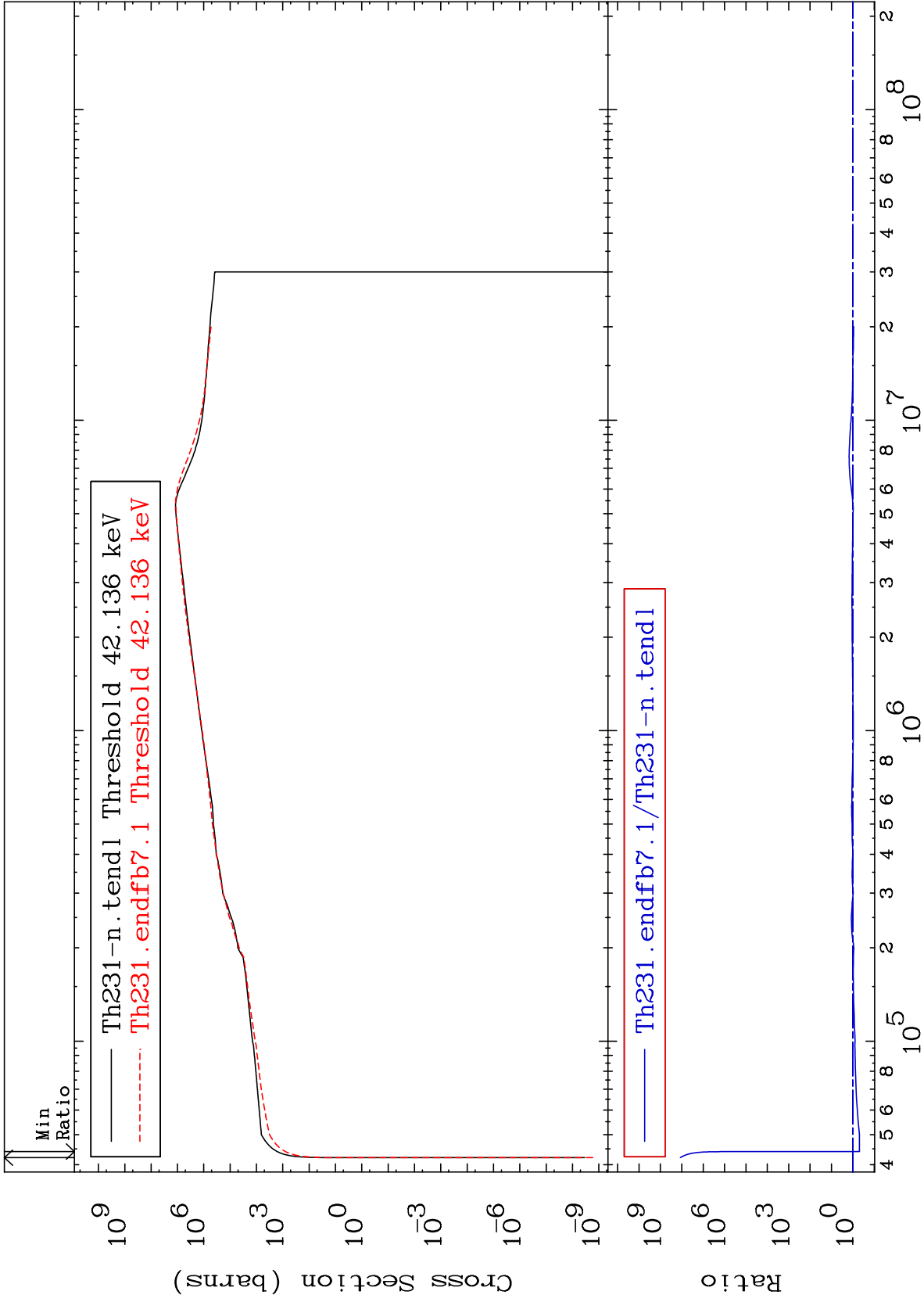
MAT 9037

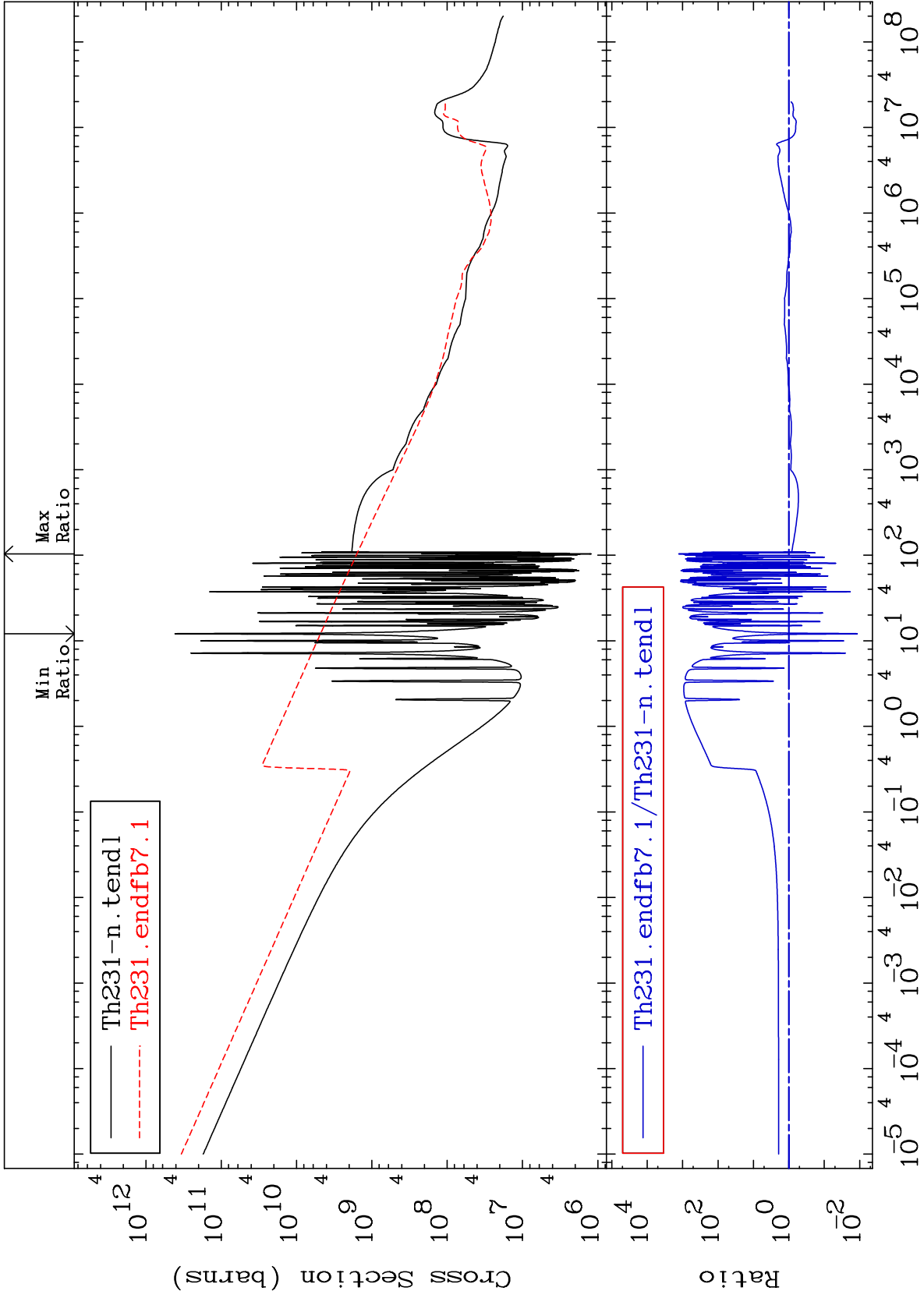
Kerma elastic
Cross Section

90-Th-231
-99.82 To 523.1 %





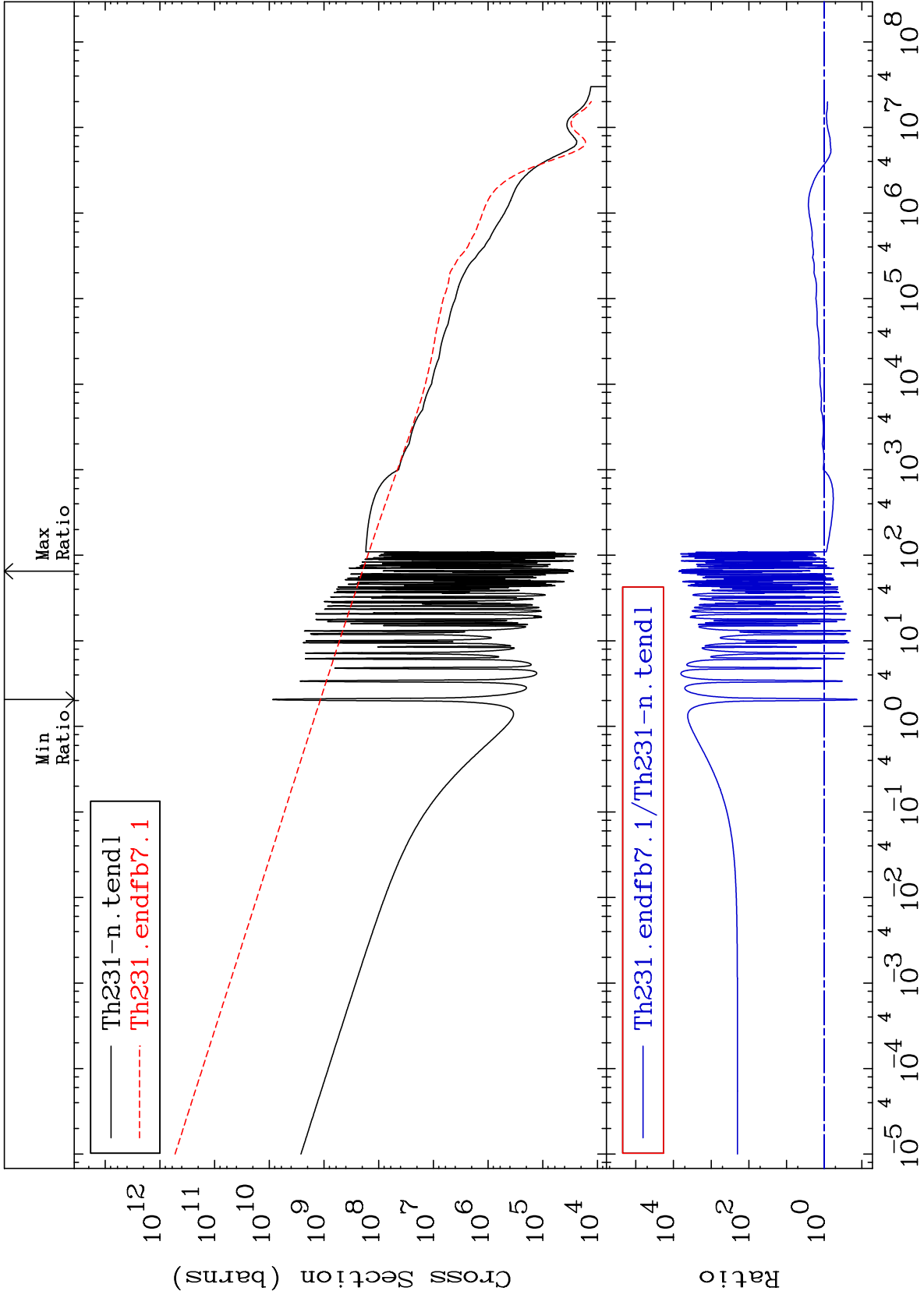




MAT 9037

Kerma capture (mt102)
Cross Section

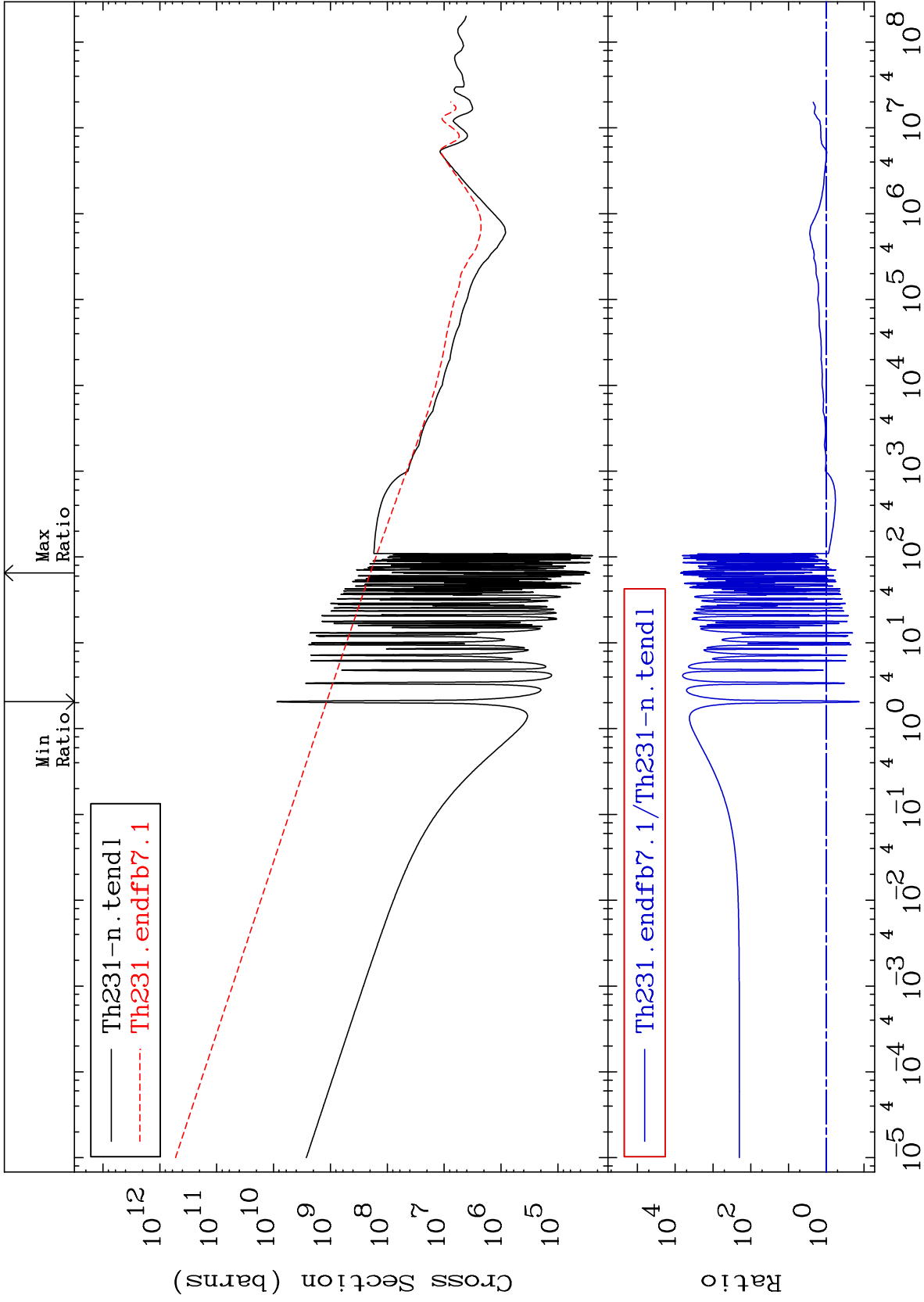
90-Th-231
-86.76 To 9999. %



MAT 9037

Total photon (eV-barns)
Cross Section

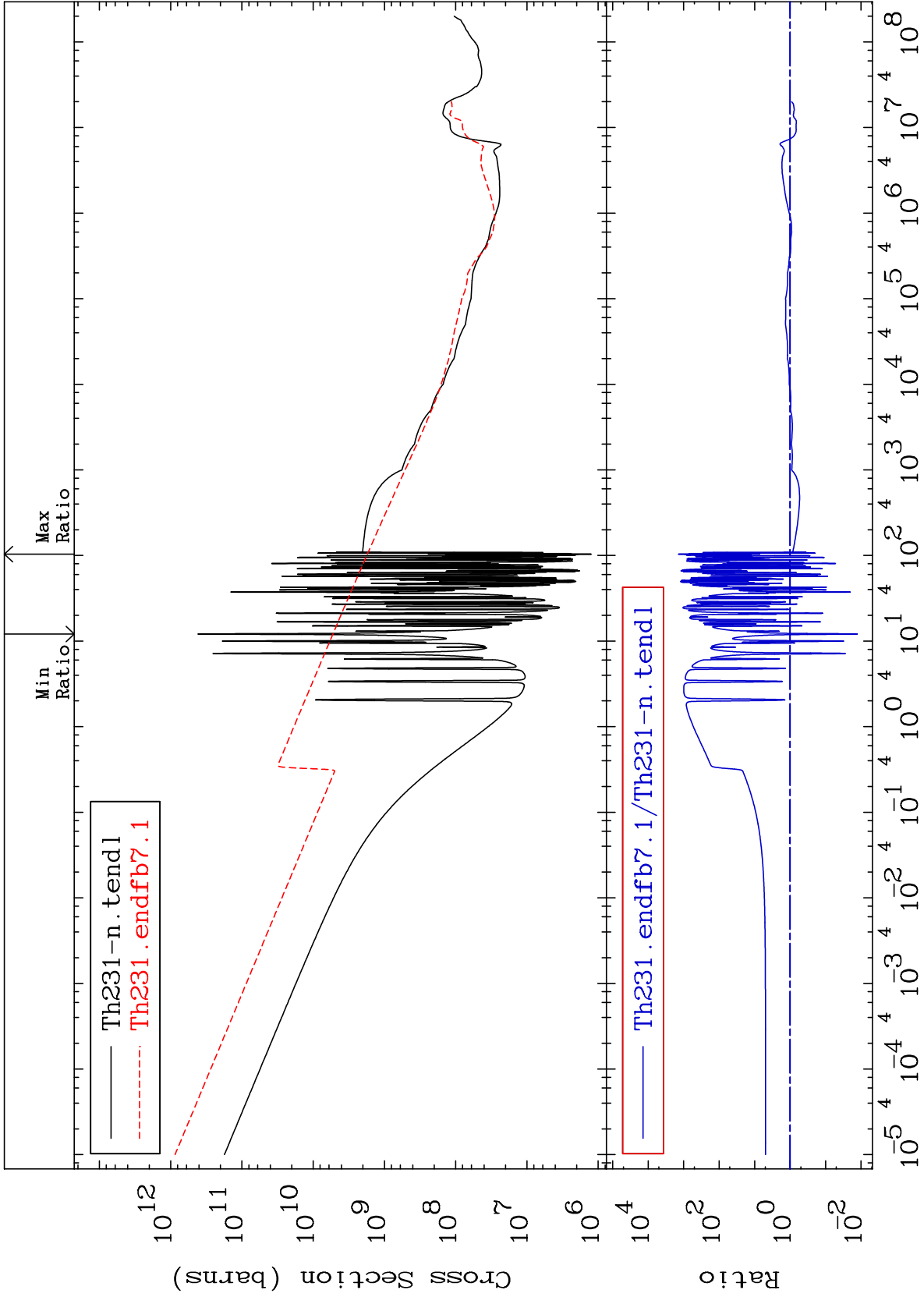
90-Th-231
-86.76 To 9999. %



40

Incident Energy (eV)

90-Th-231



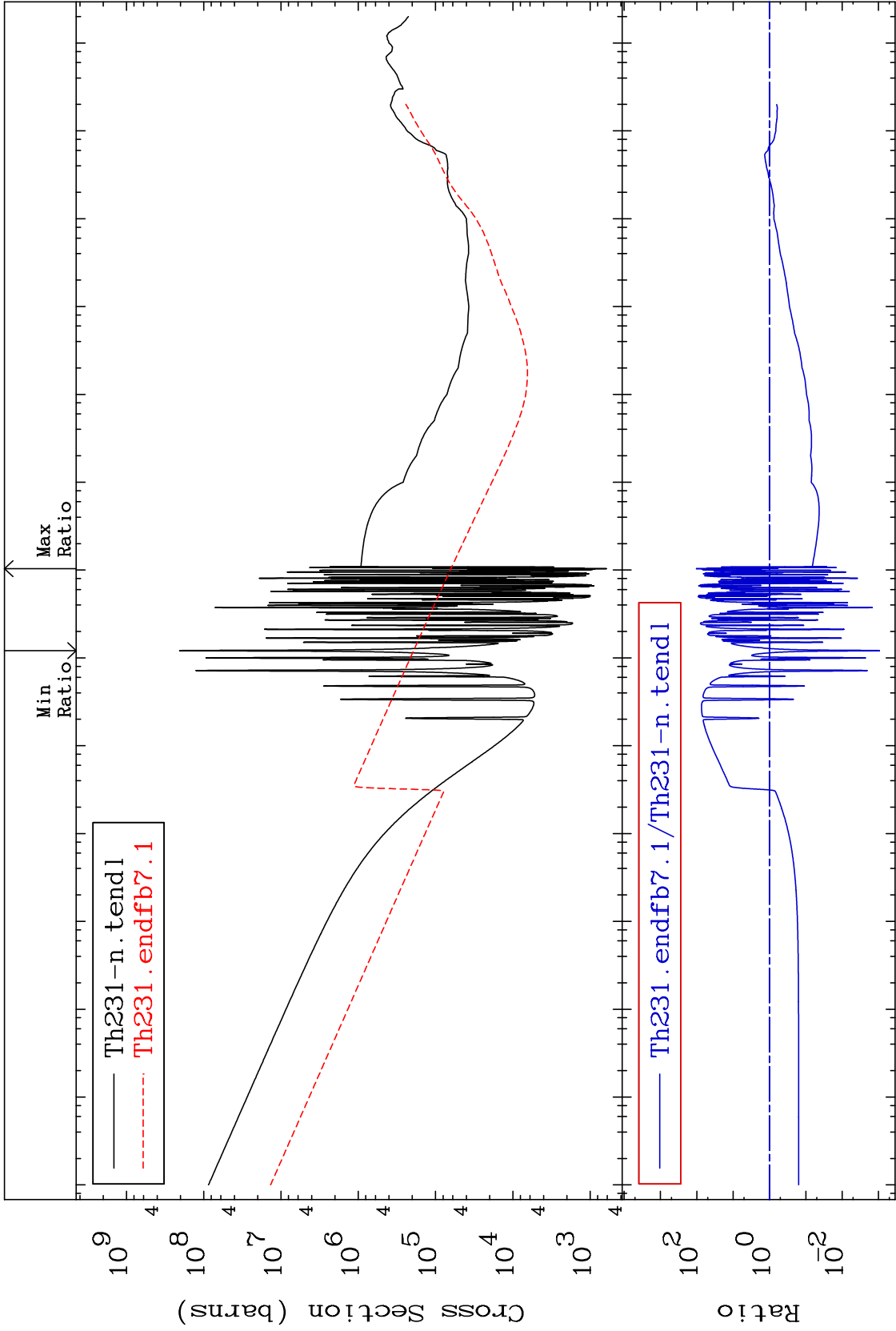
MAT 9037

Dpa total (eV-barns)

90-Th-231

-99.91 To 9999. %

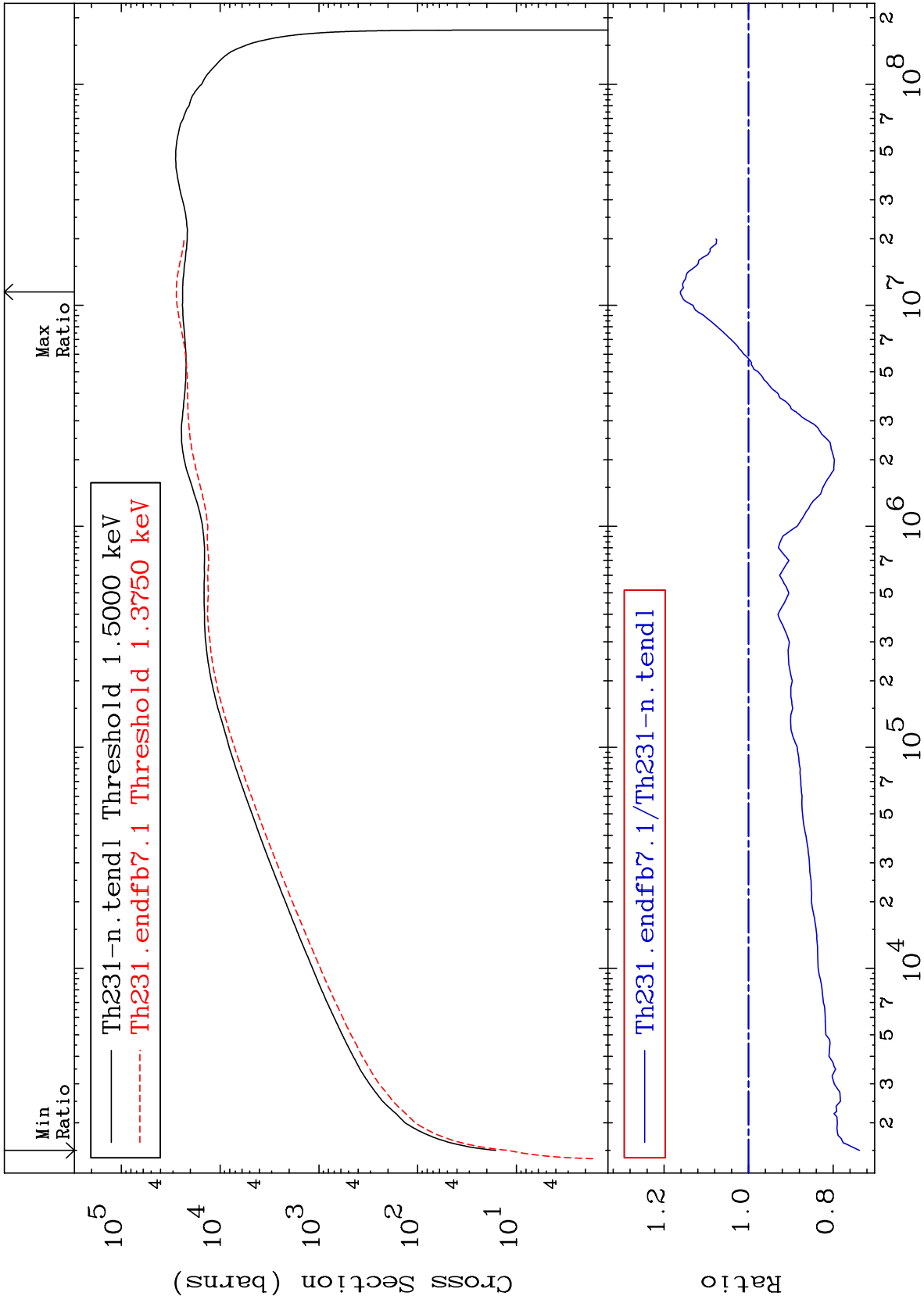
Cross Section

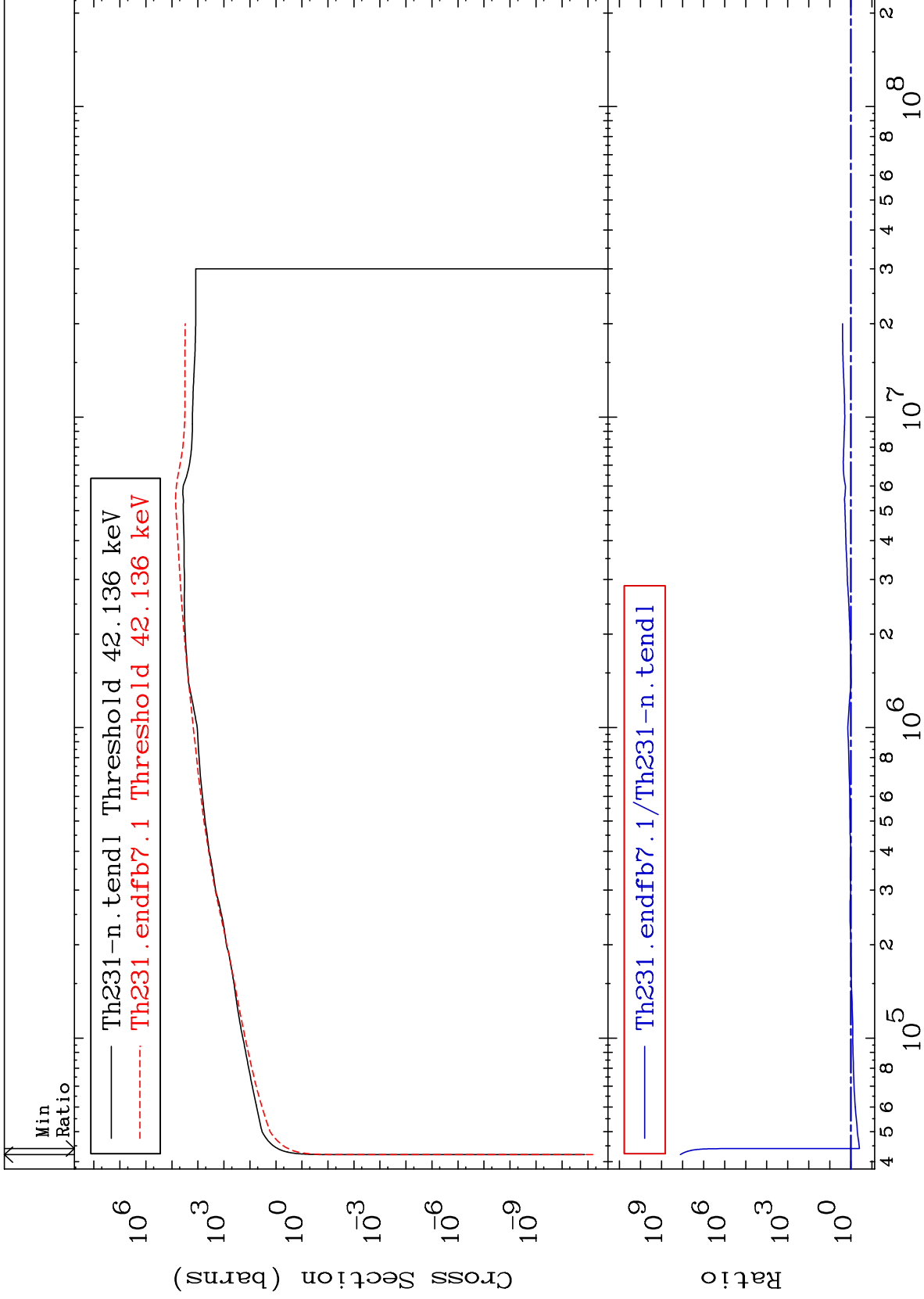


MAT 9037

Dpa elastic (mt2)
Cross Section

90-Th-231
-26.22 To 16.13 %





MAT 9037

Dpa disappearance (mt102 -120)
Cross Section

90-Th-231
-99.99 To 9999. %

