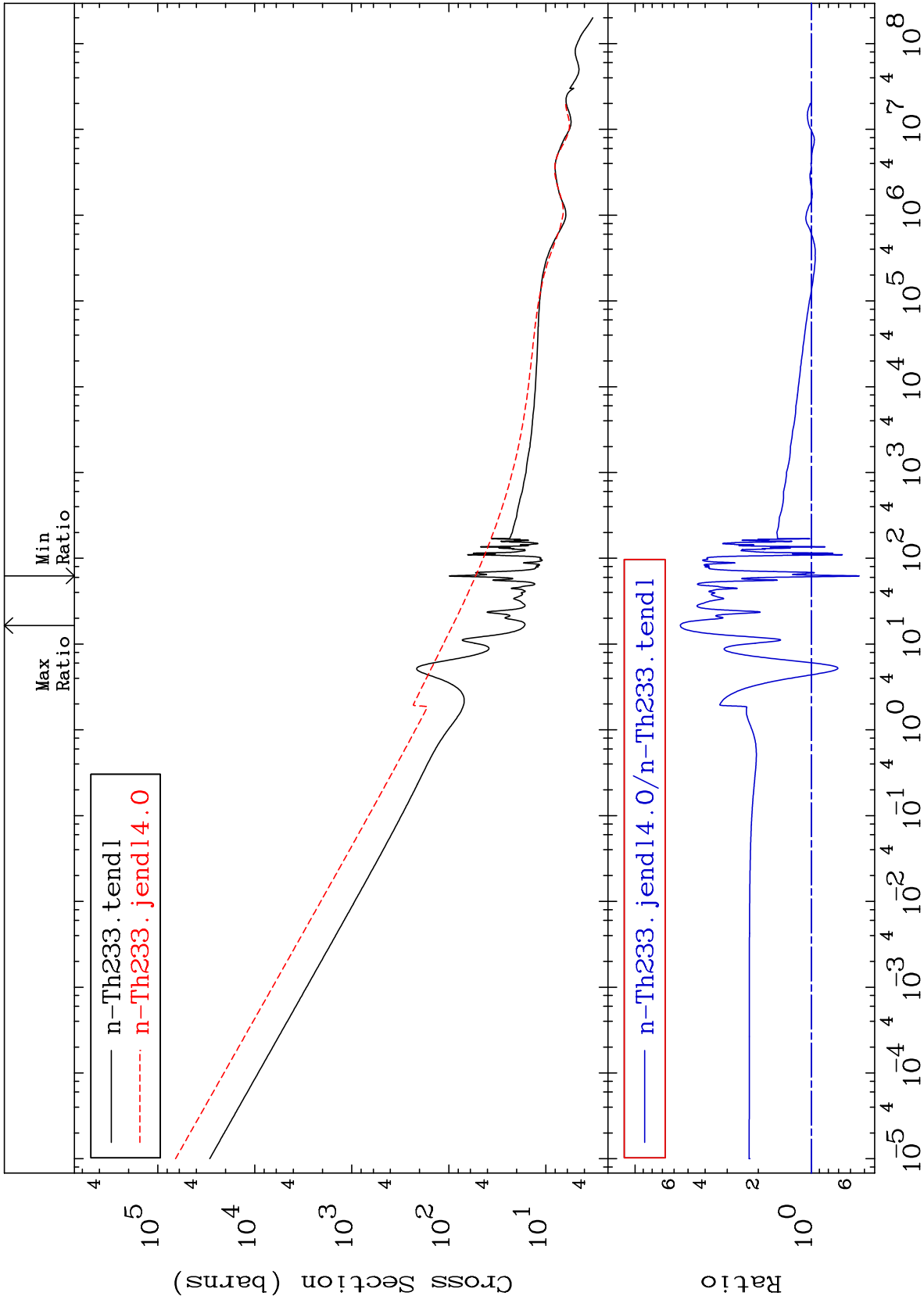


MAT 9043

Total Cross Section
90-Th-233
-46.64 To 453.3 %



Incident Energy (eV) 90-Th-233

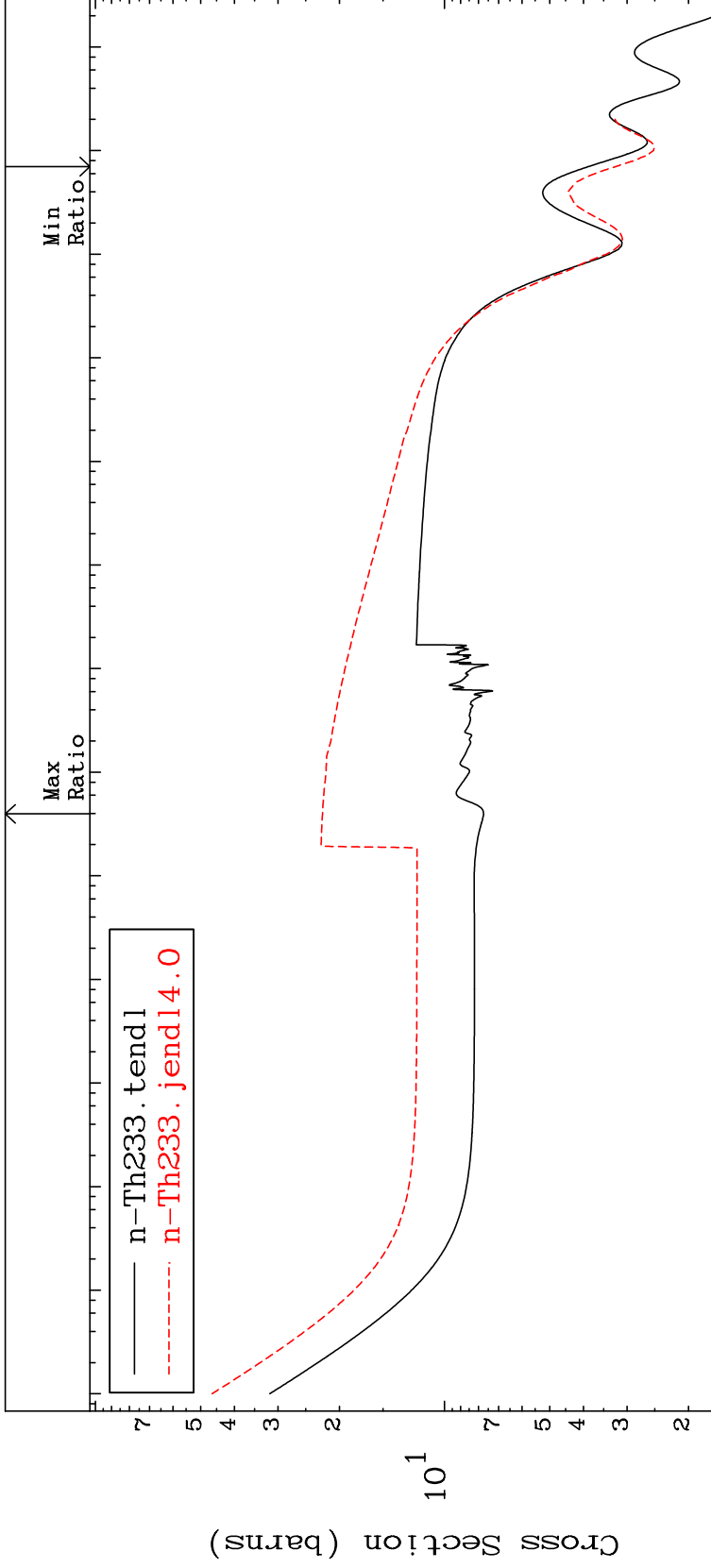
MAT 9043

Elastic

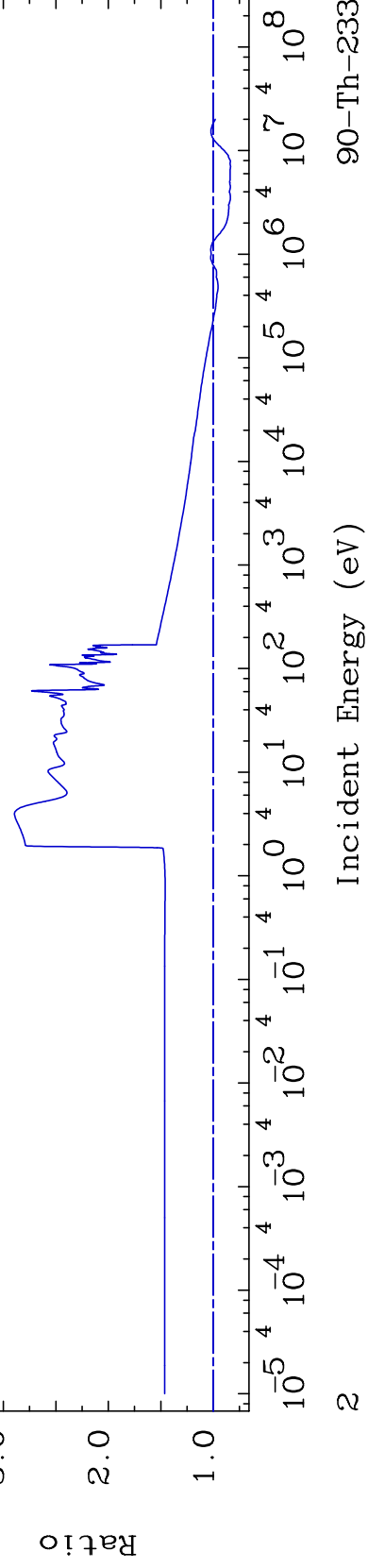
90-Th-233

Cross Section

-16.56 To 189.4 %



n-Th233.jendl4.0/n-Th233.tendl



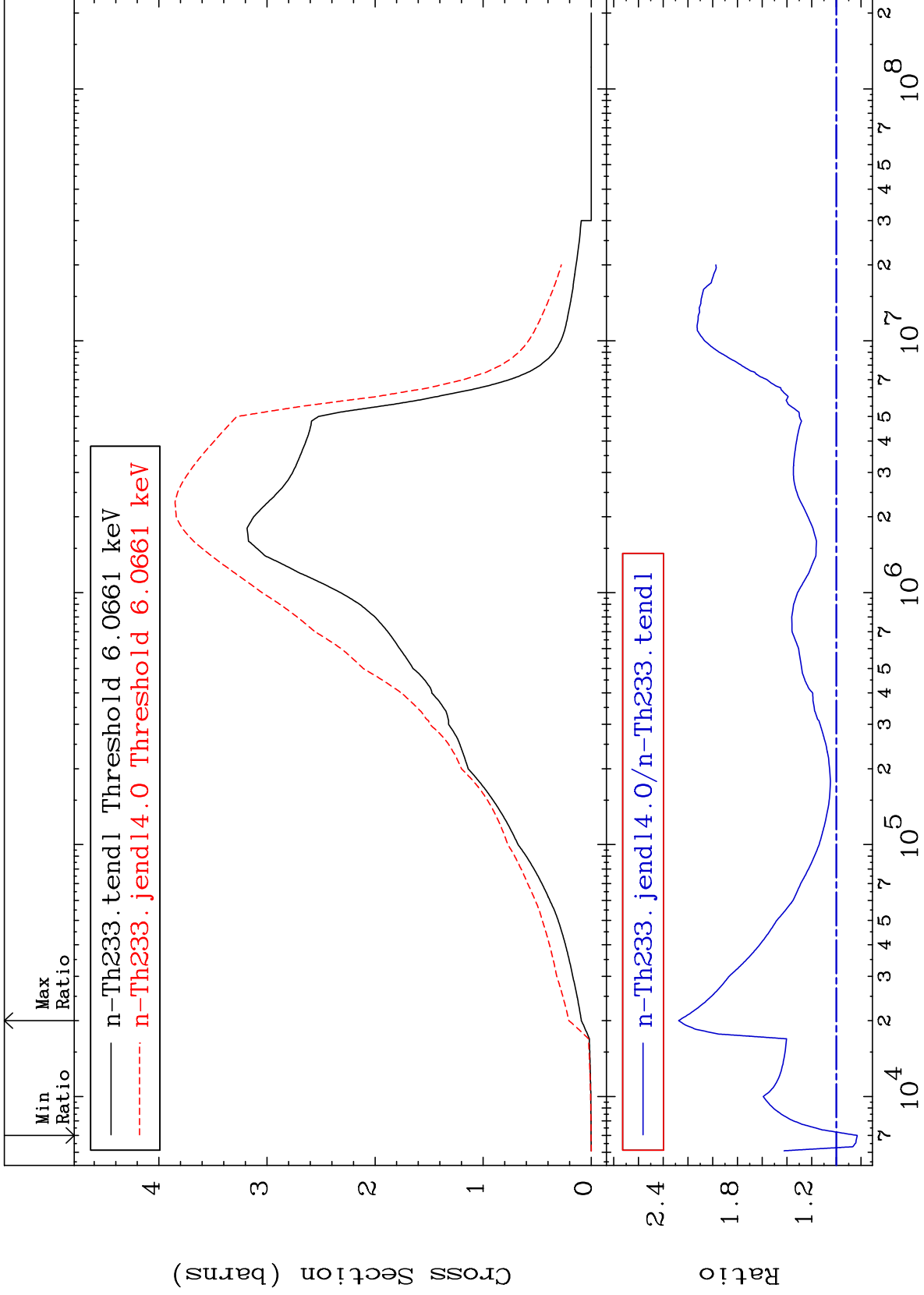
Incident Energy (eV)

90-Th-233

MAT 9043

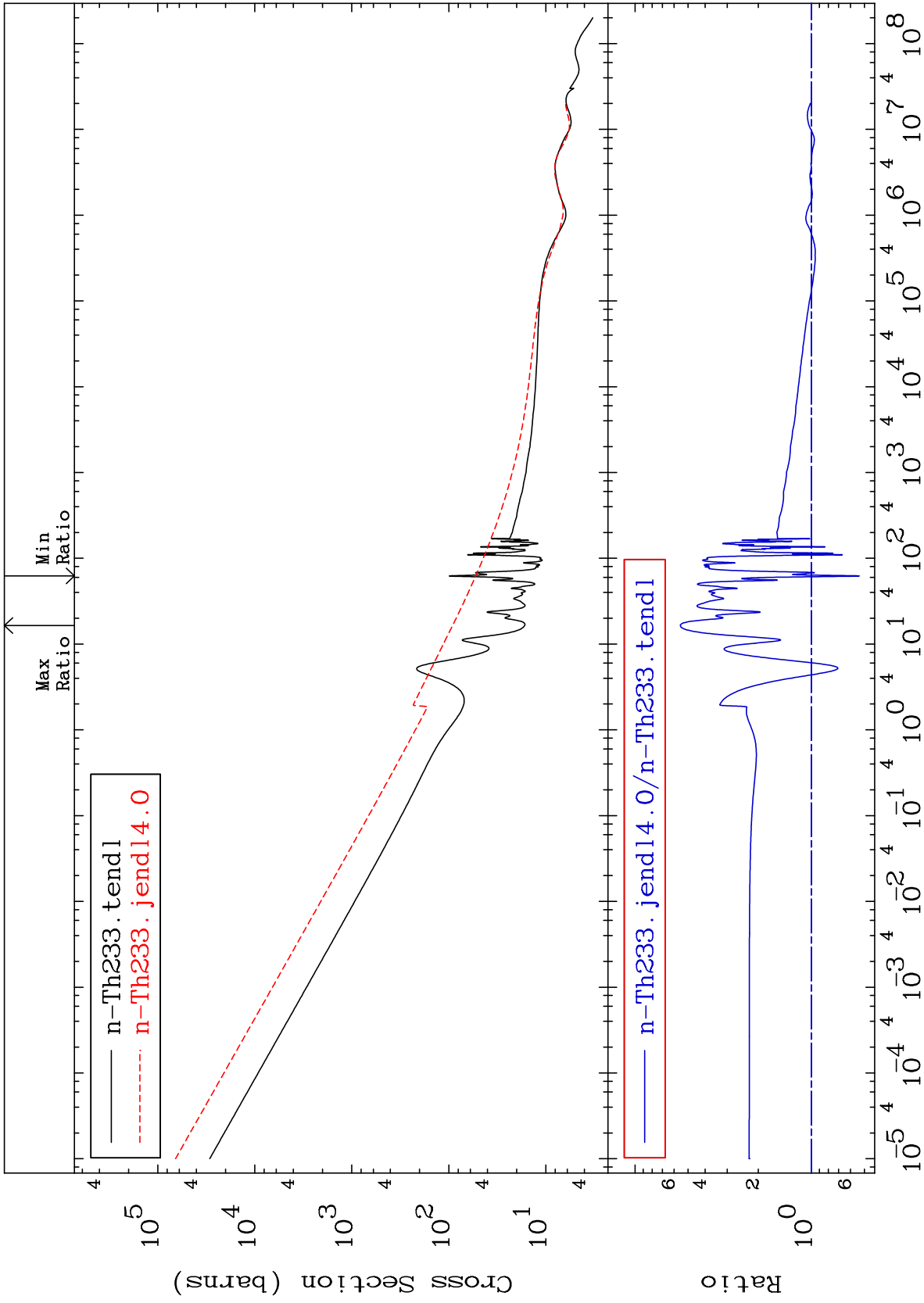
Inelastic
Cross Section

90-Th-233
-16.91 To 127.5 %



MAT 9043

Total Cross Section
90-Th-233
-46.64 To 453.3 %



Incident Energy (eV)

90-Th-233

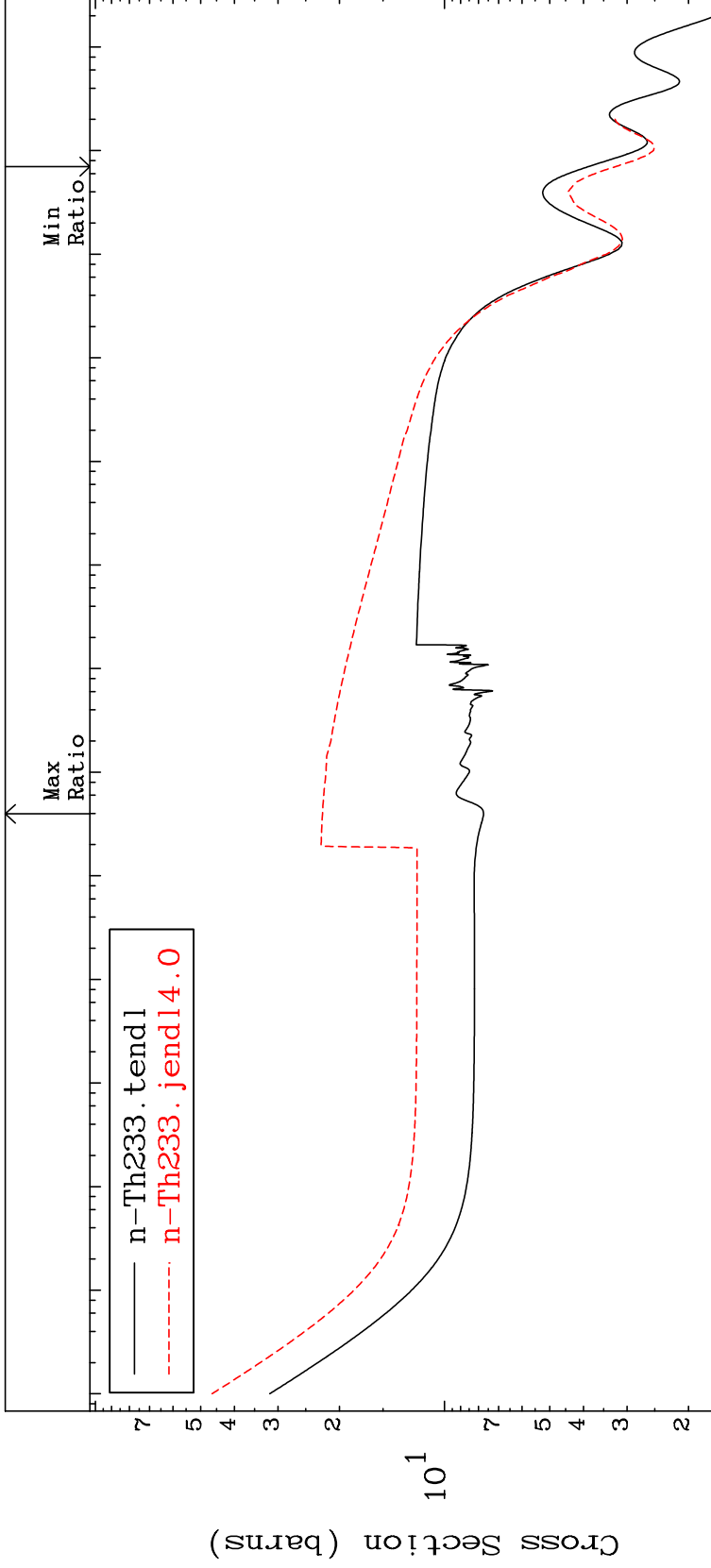
MAT 9043

Elastic

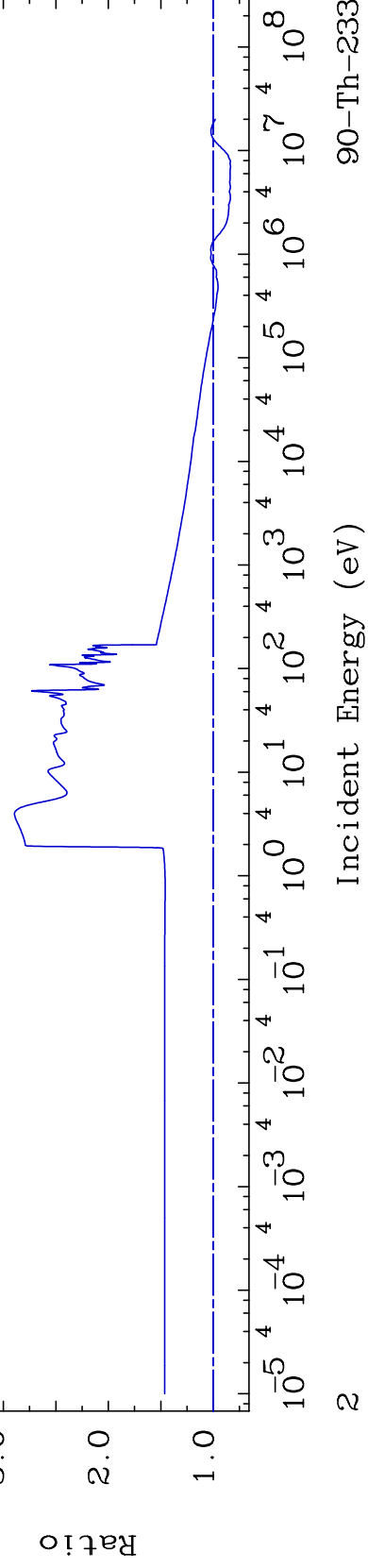
90-Th-233

Cross Section

-16.56 To 189.4 %



n-Th233.jendl4.0/n-Th233.tendl



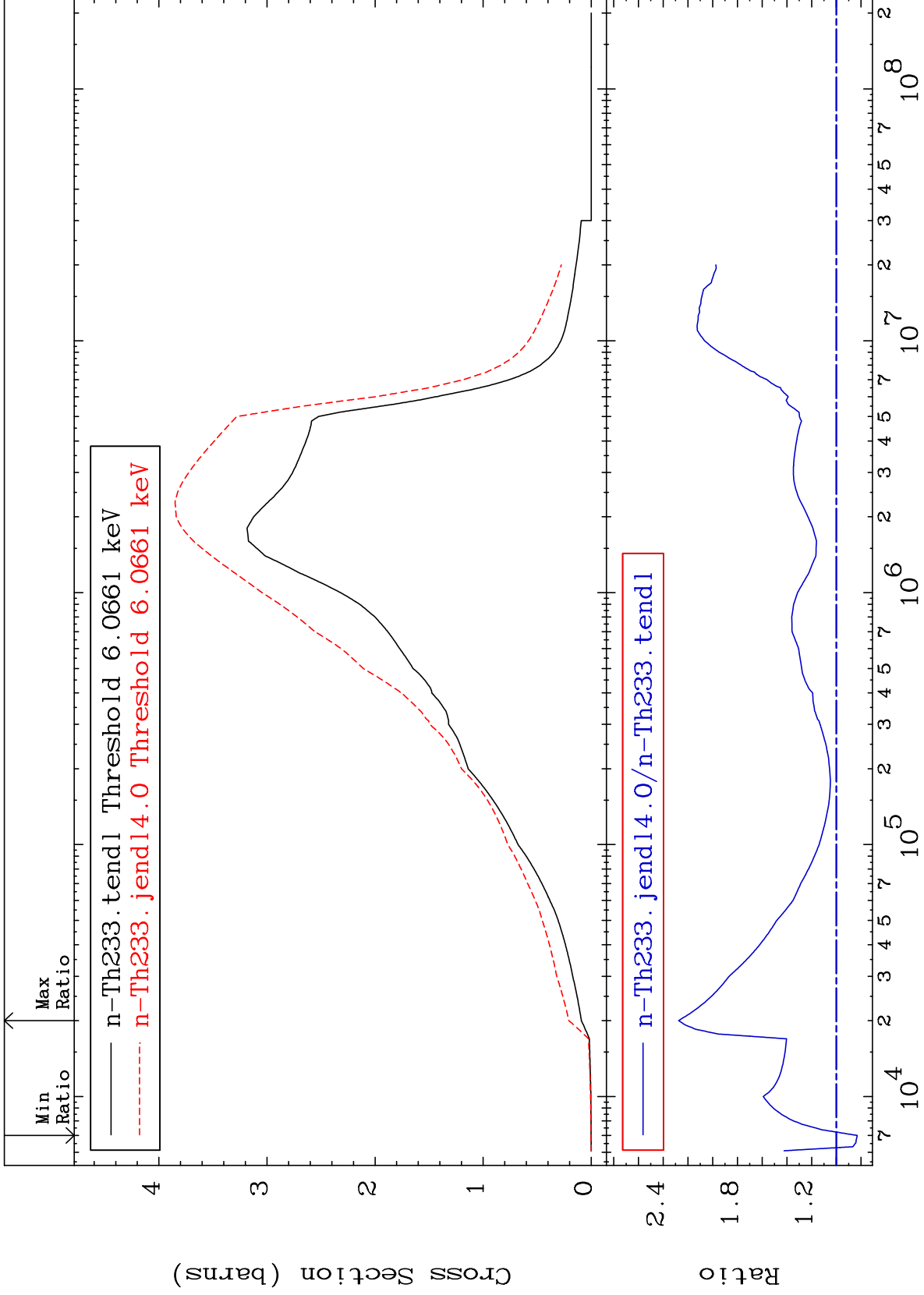
Incident Energy (eV)

90-Th-233

MAT 9043

Inelastic
Cross Section

90-Th-233
-16.91 To 127.5 %



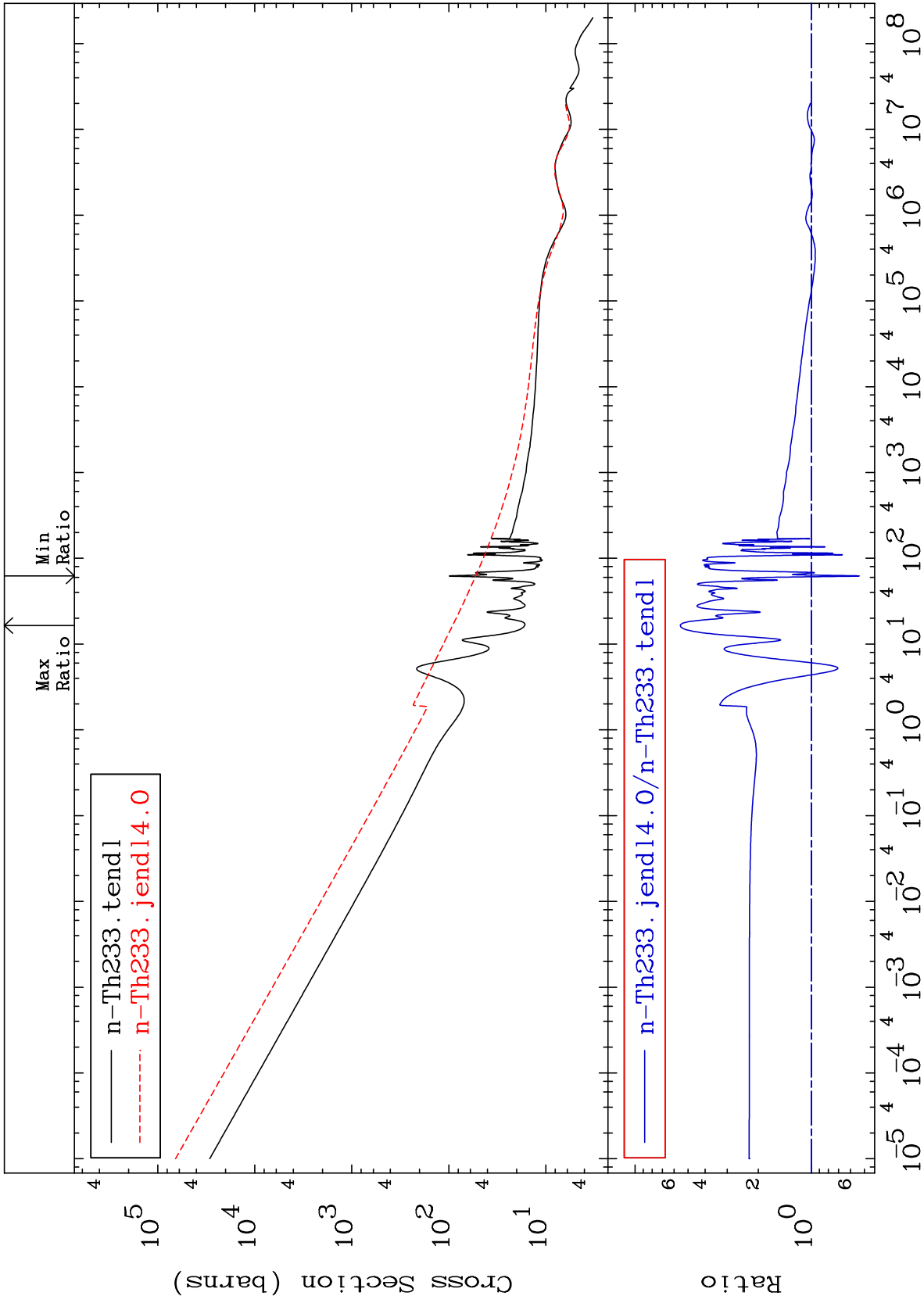
3

Incident Energy (eV)

90-Th-233

MAT 9043

Total Cross Section
90-Th-233
-46.64 To 453.3 %



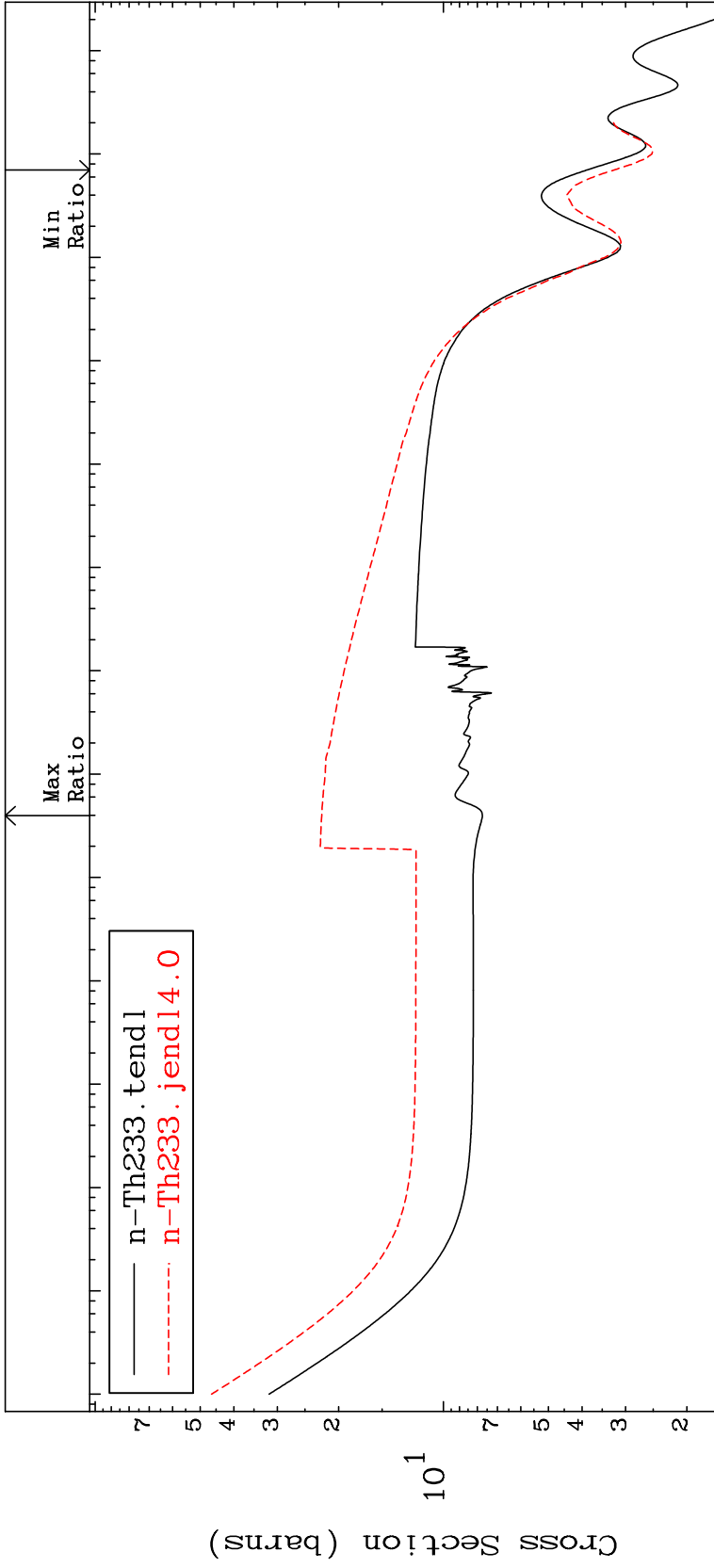
MAT 9043

Elastic

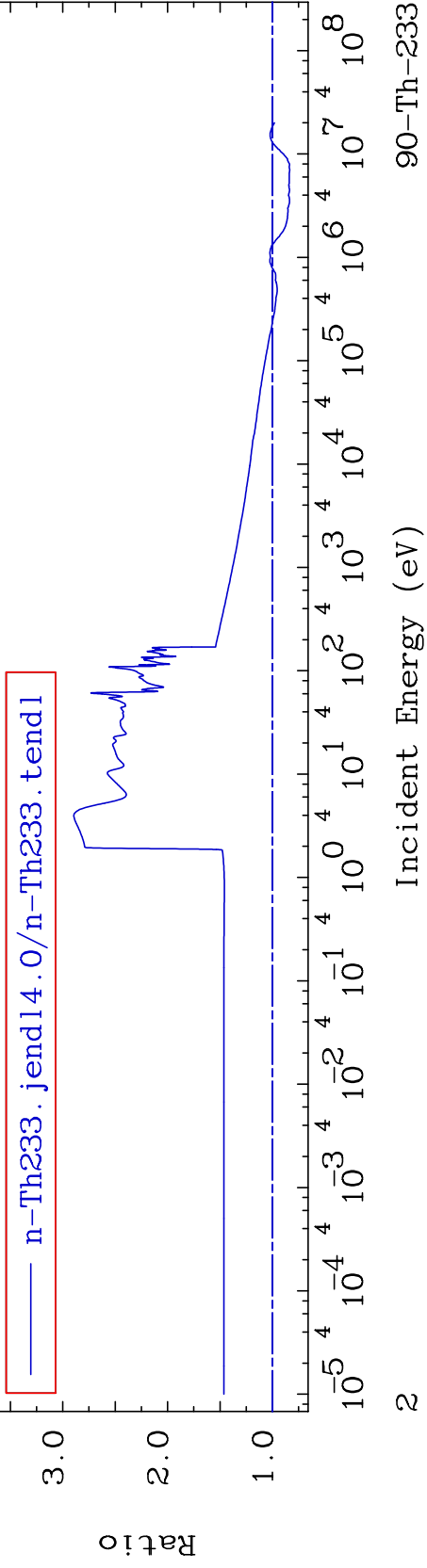
90-Th-233

Cross Section

-16.56 To 189.4 %



n-Th233.jendl4.0/n-Th233.tendl



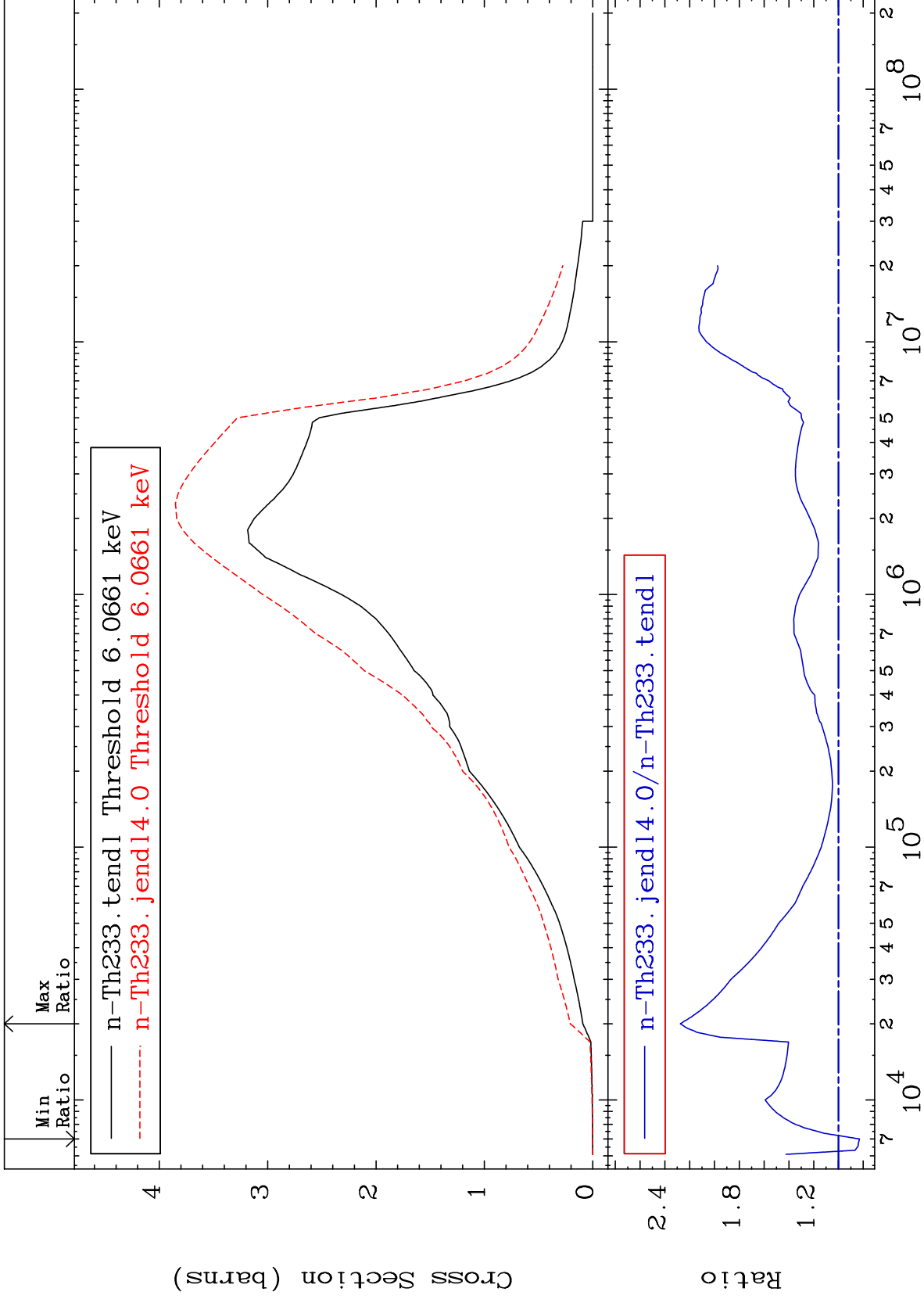
Incident Energy (eV)

90-Th-233

MAT 9043

Inelastic
Cross Section

90-Th-233
-16.91 To 127.5 %



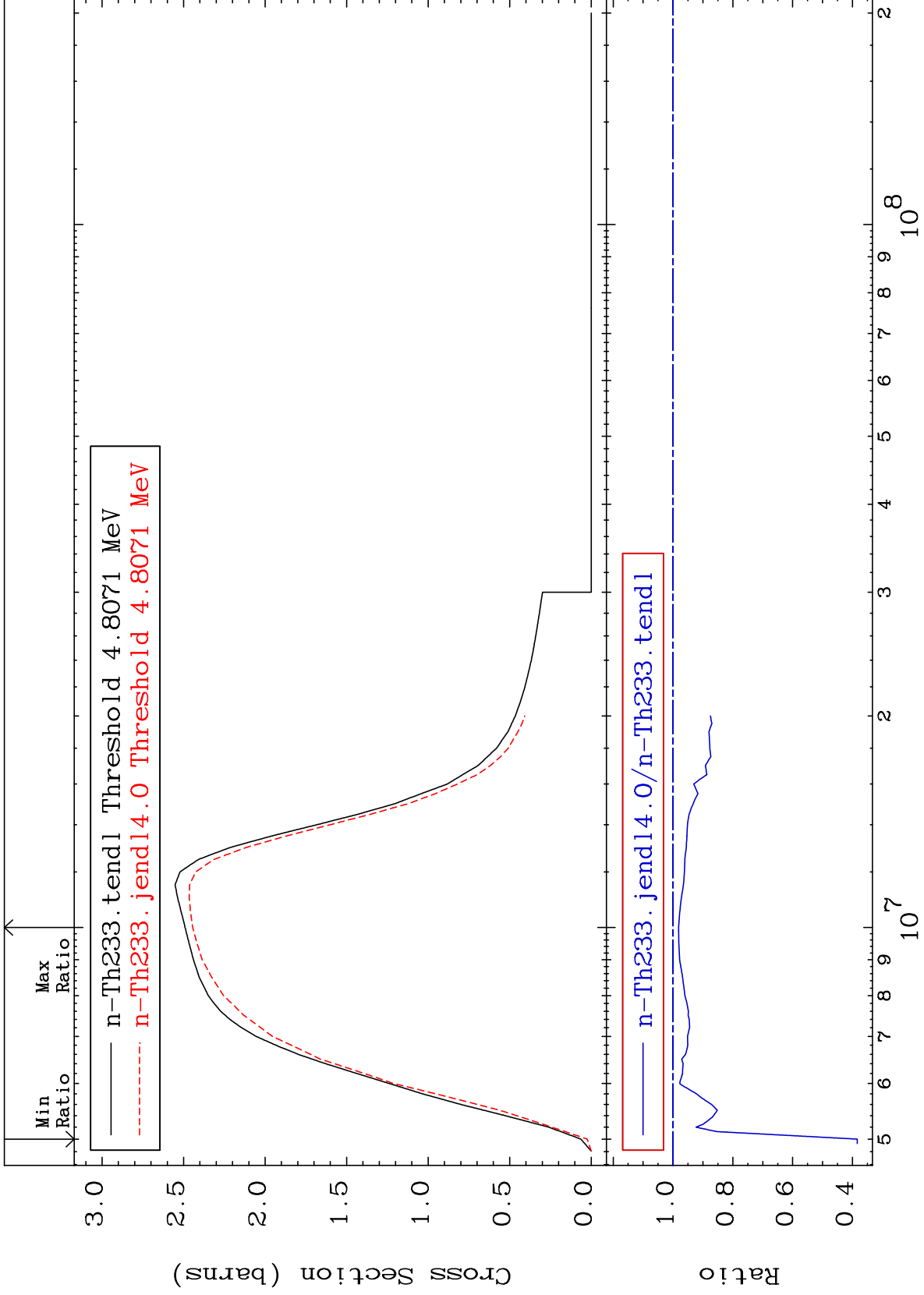
3

90-Th-233

MAT 9043

(n,2n)
Cross Section

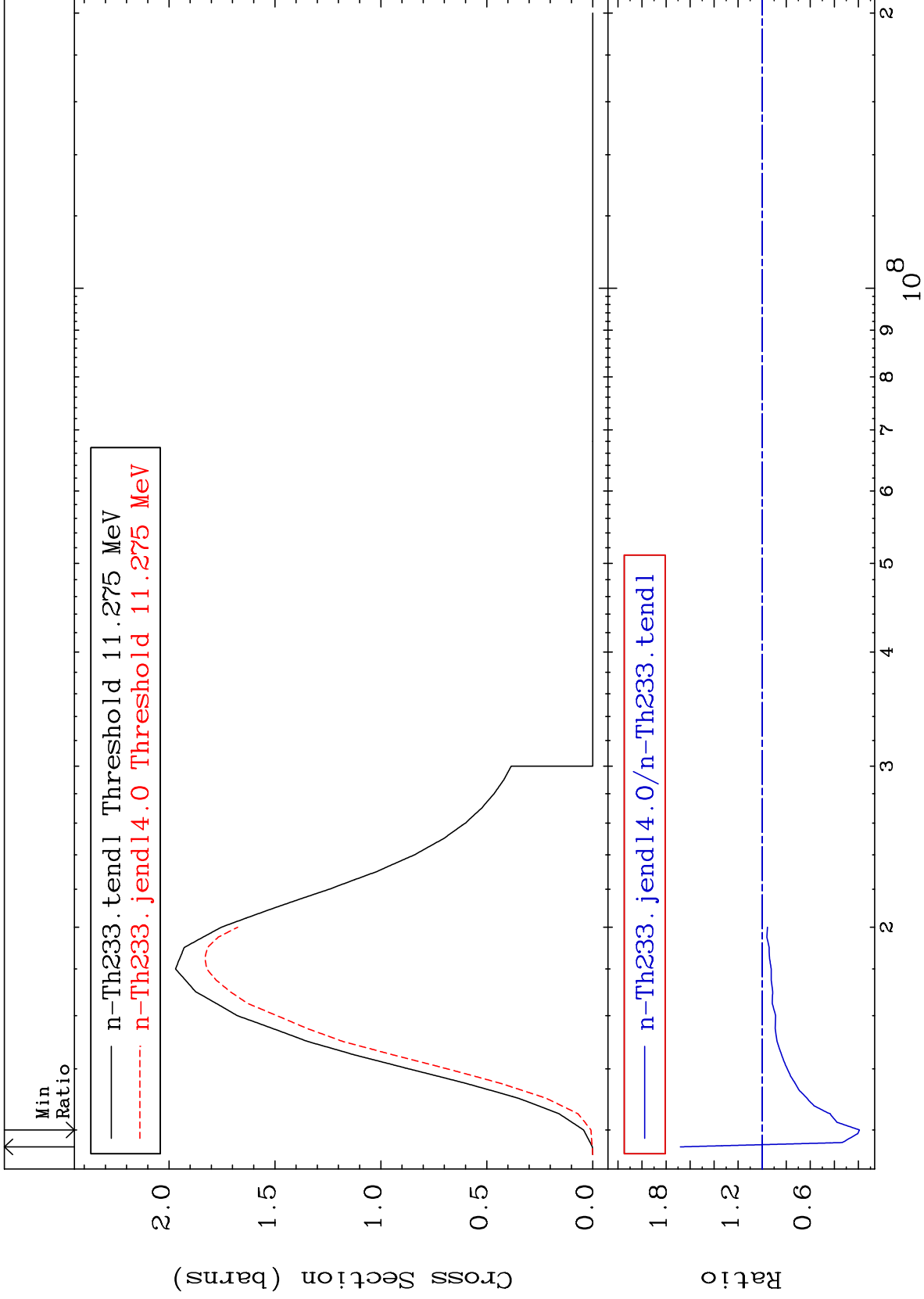
90-Th-233
-61.59 To -1.880%



MAT 9043

(n,3n)
Cross Section

90-Th-233
-80.88 To 68.09 %



5

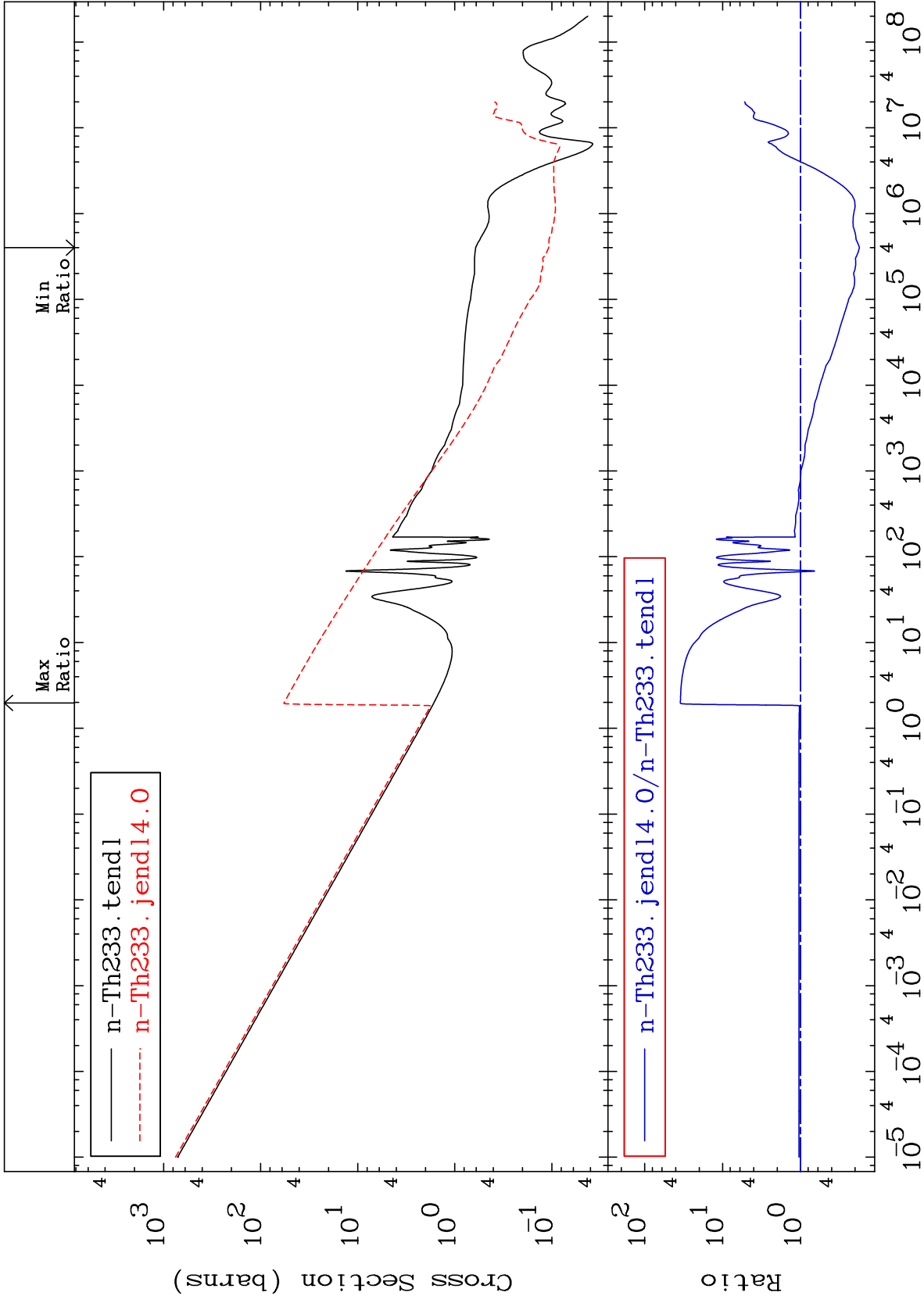
Incident Energy (eV)

90-Th-233

MAT 9043

Fission
Cross Section

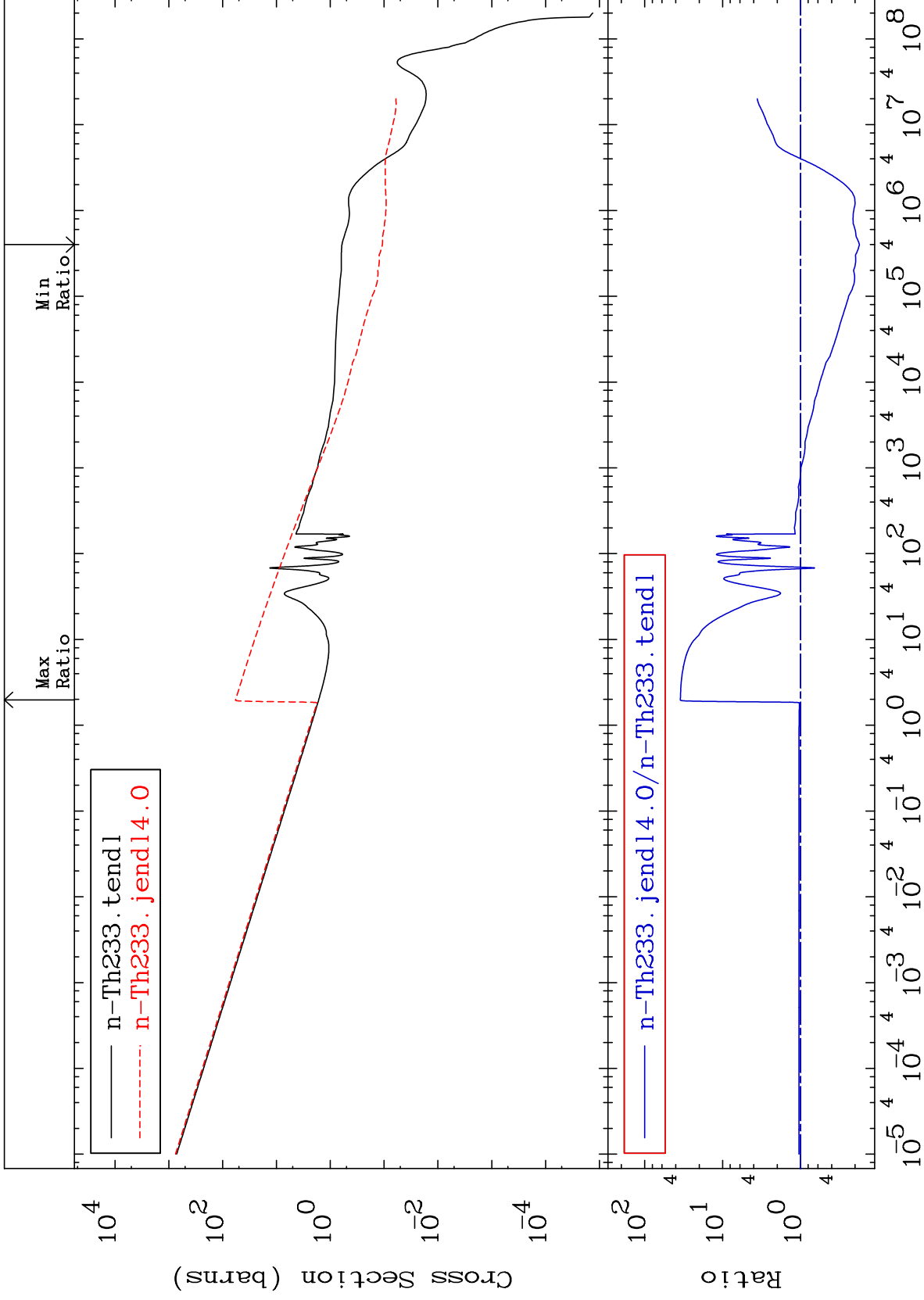
90-Th-233
-82.39 To 3393. %



MAT 9043

(n,f) First Chance
Cross Section

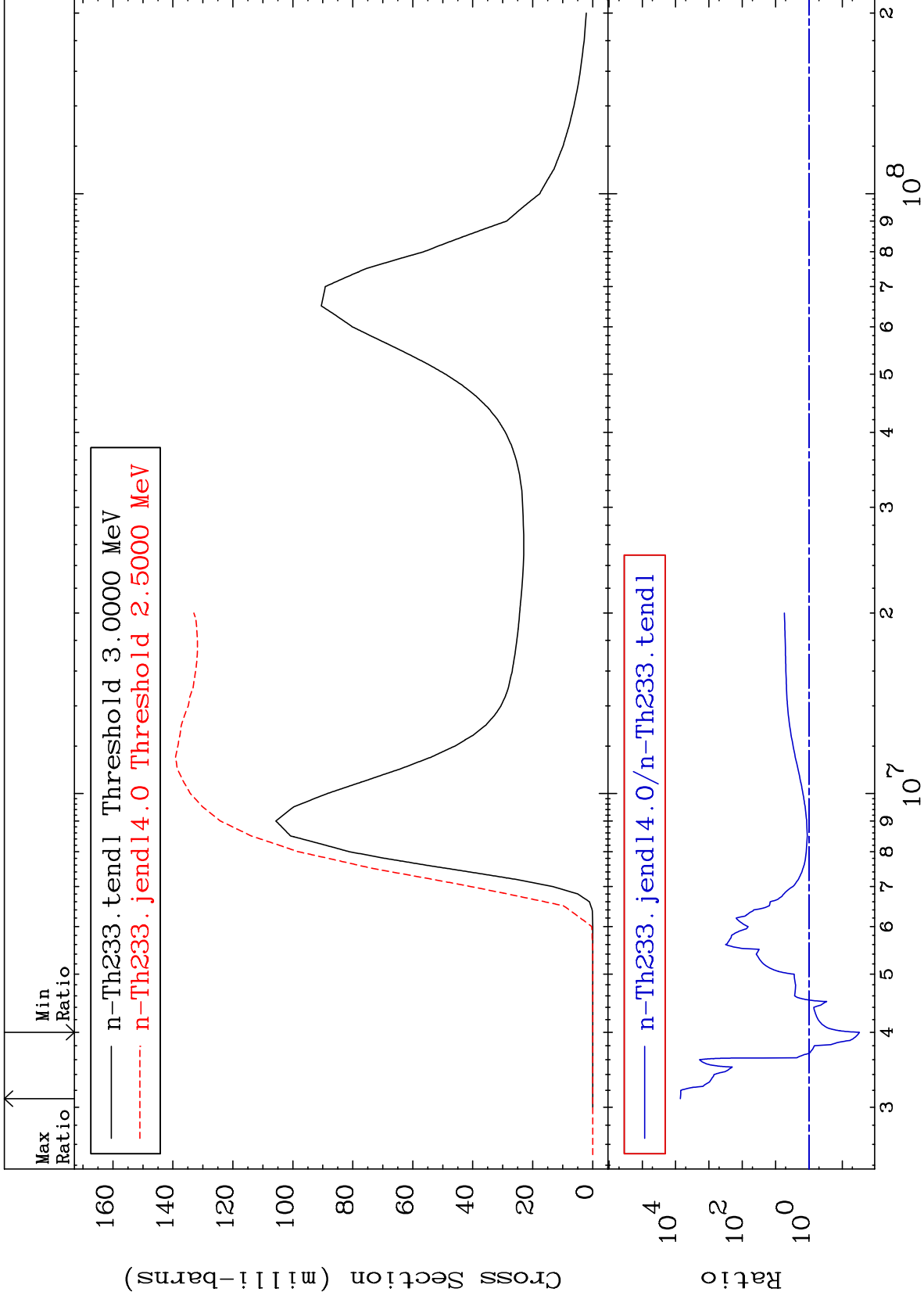
90-Th-233
-82.39 To 3393. %



Incident Energy (eV)

90-Th-233

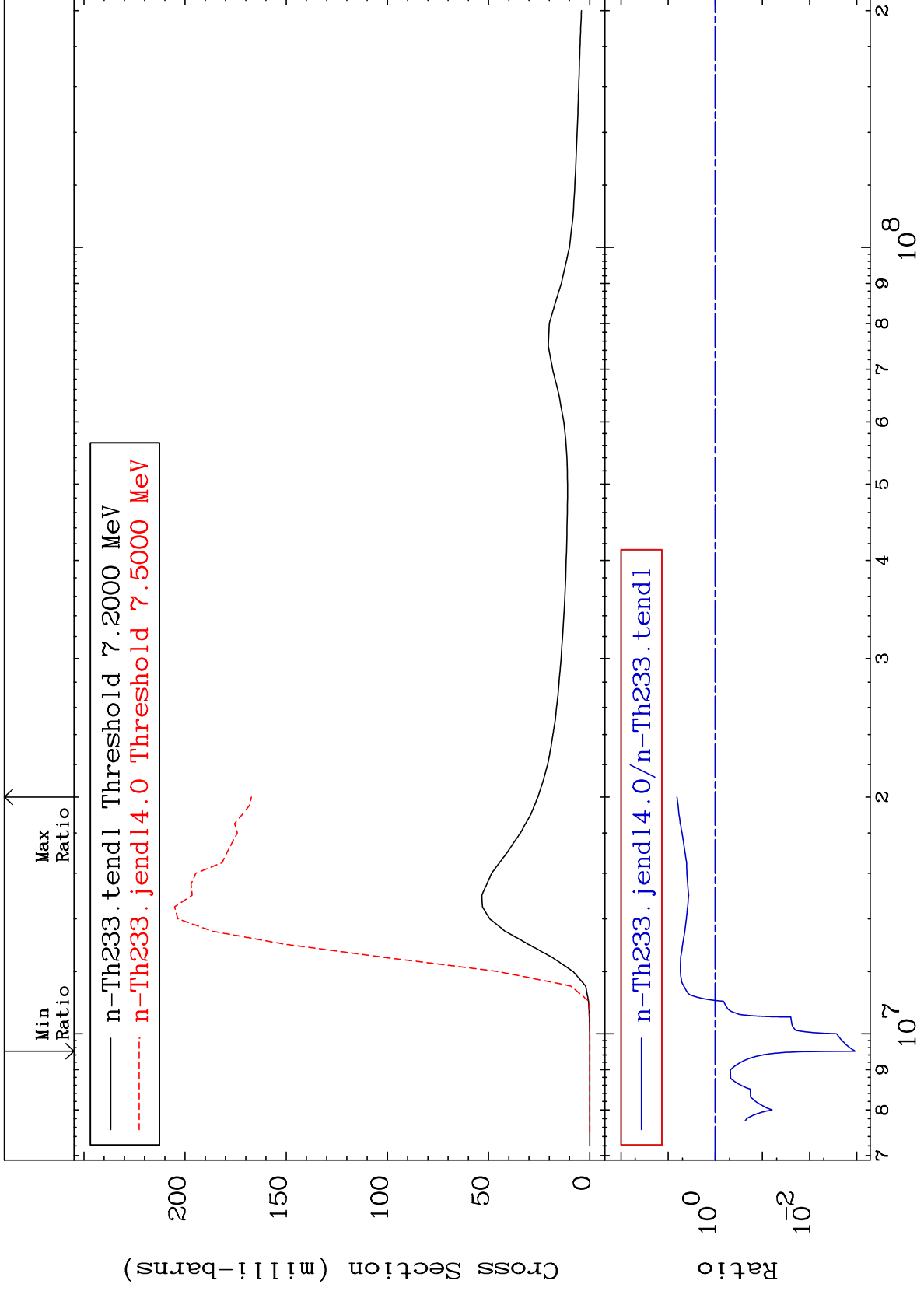
7



MAT 9043

(n,2nf) Third Chance
Cross Section

90-Th-233
-99.89 To 553.2 %



9

Incident Energy (eV)

90-Th-233

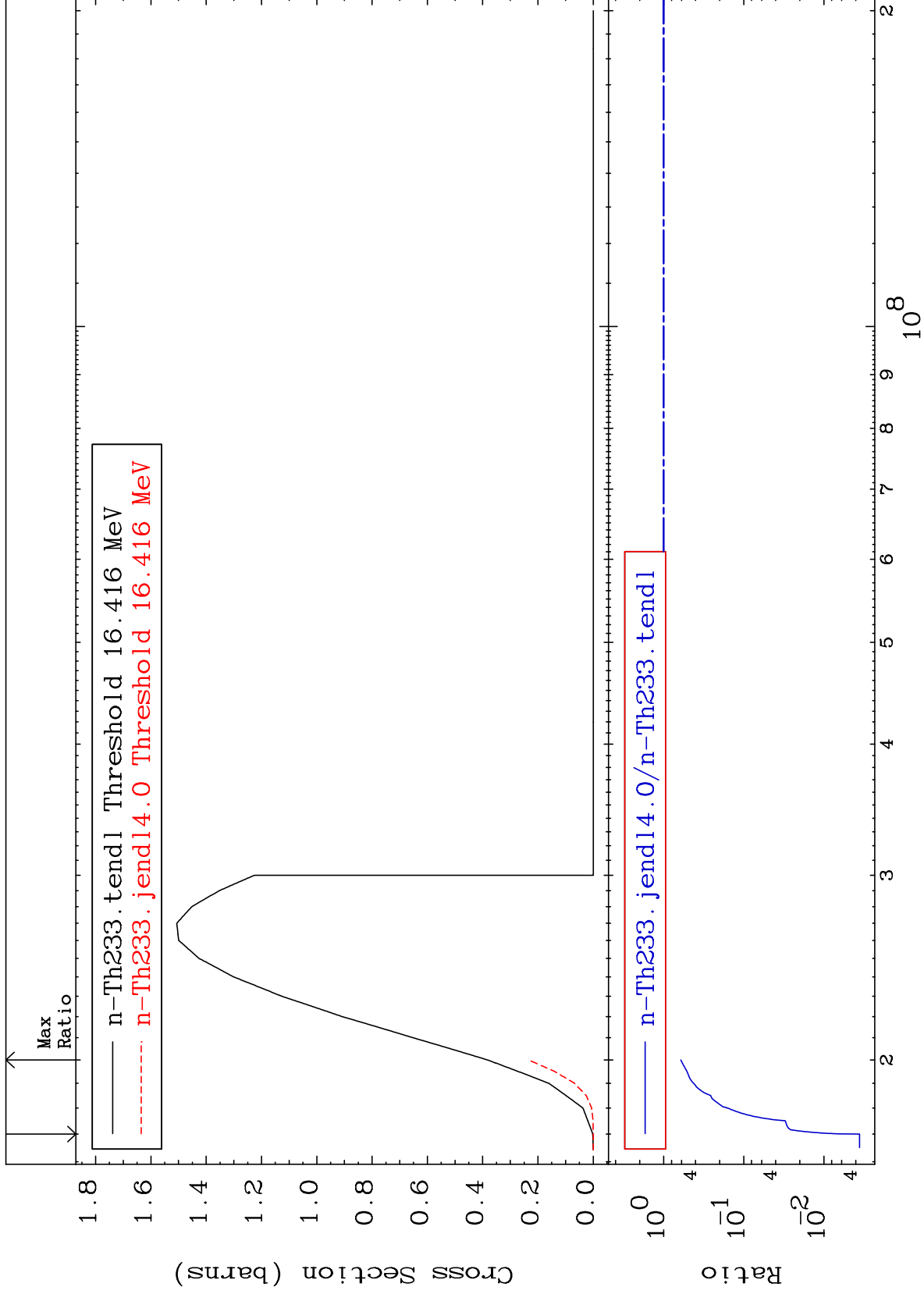
MAT 9043

(n,4n)

90-Th-233

Cross Section

-99.64 To -38.72%



10

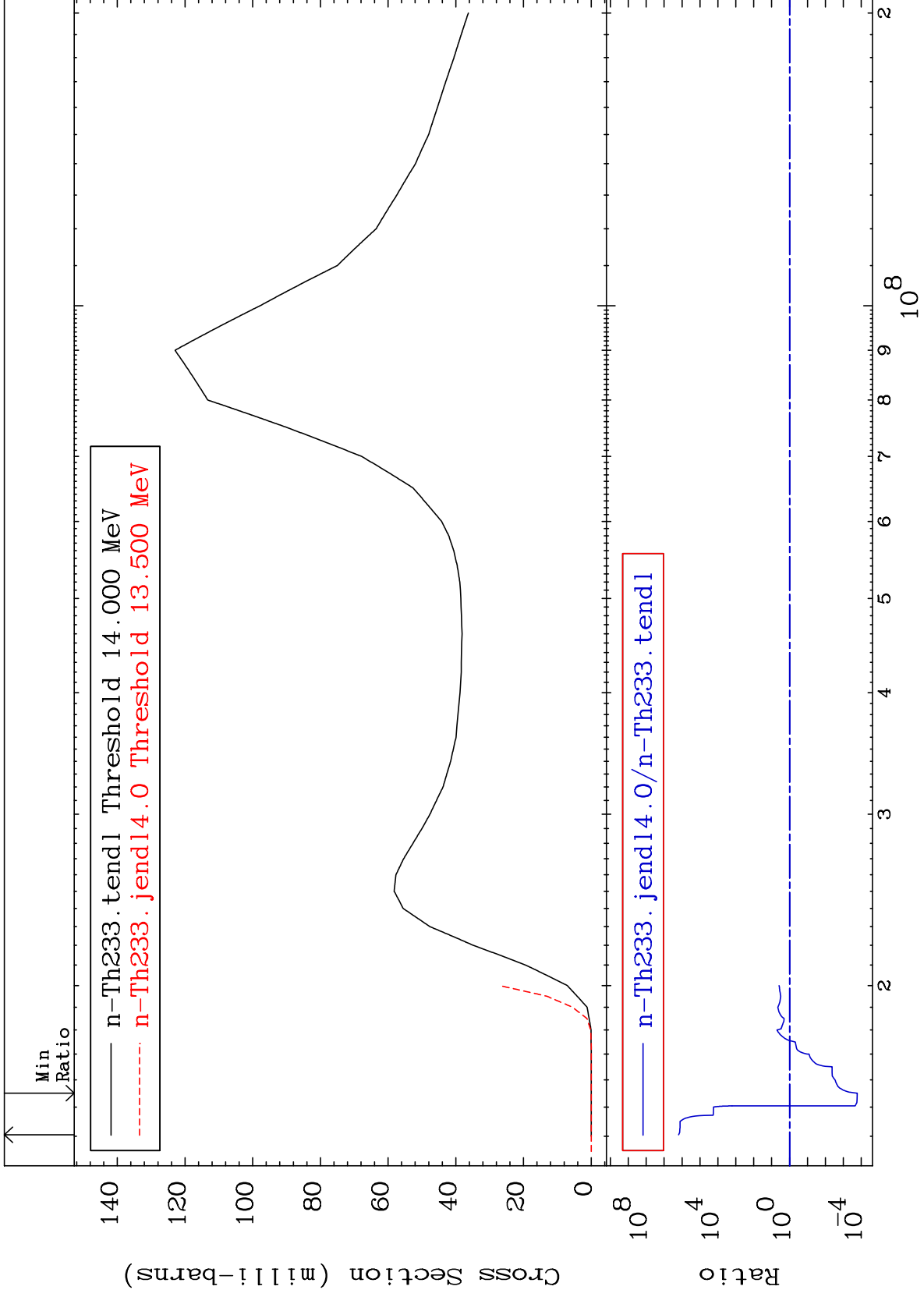
Incident Energy (eV)

90-Th-233

MAT 9043

(n,3nf) Fourth Chance
Cross Section

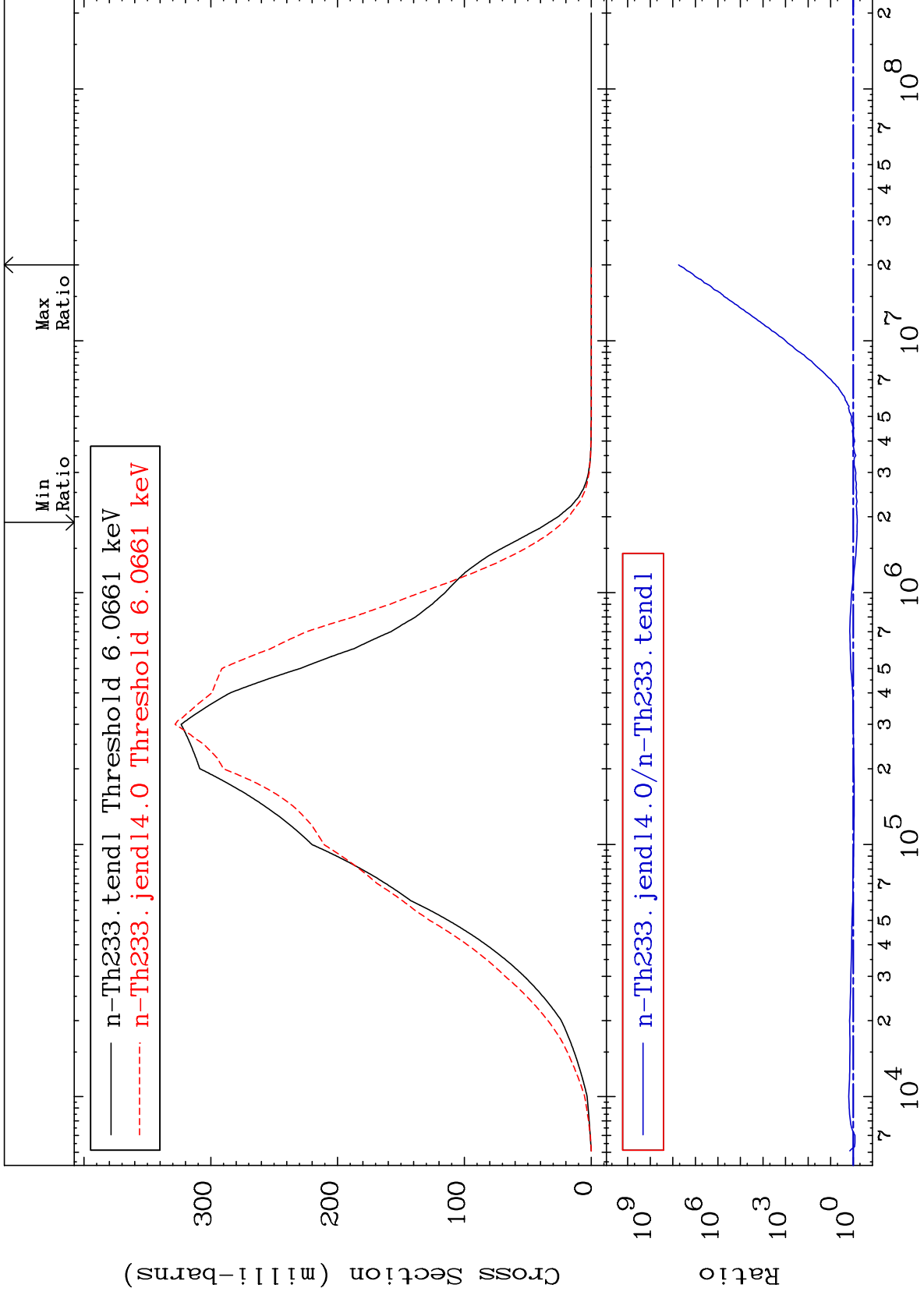
90-Th-233
-99.98 To 9999. %



MAT 9043

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

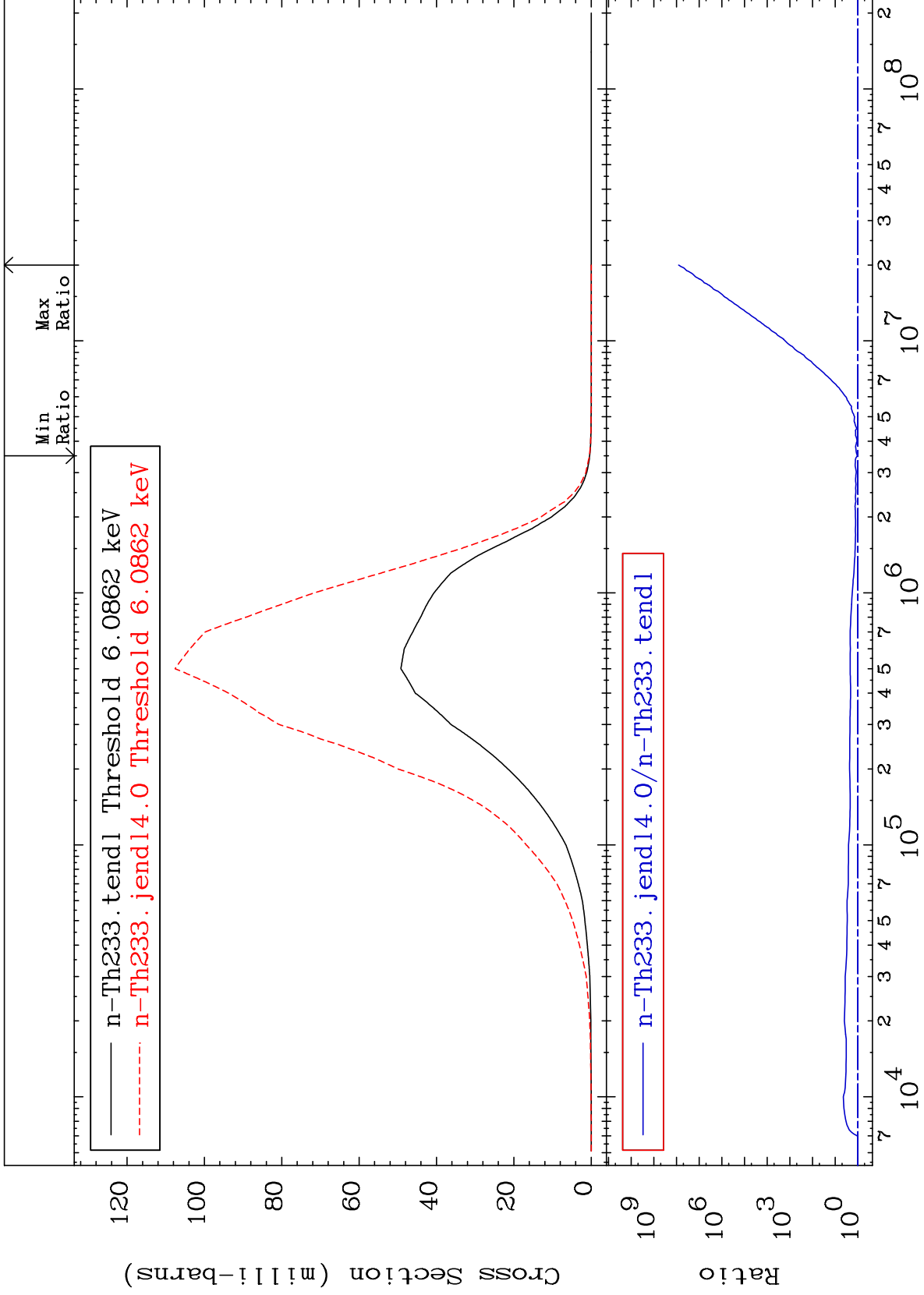
90-Th-233
-33.66 To 9999. %



MAT 9043

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

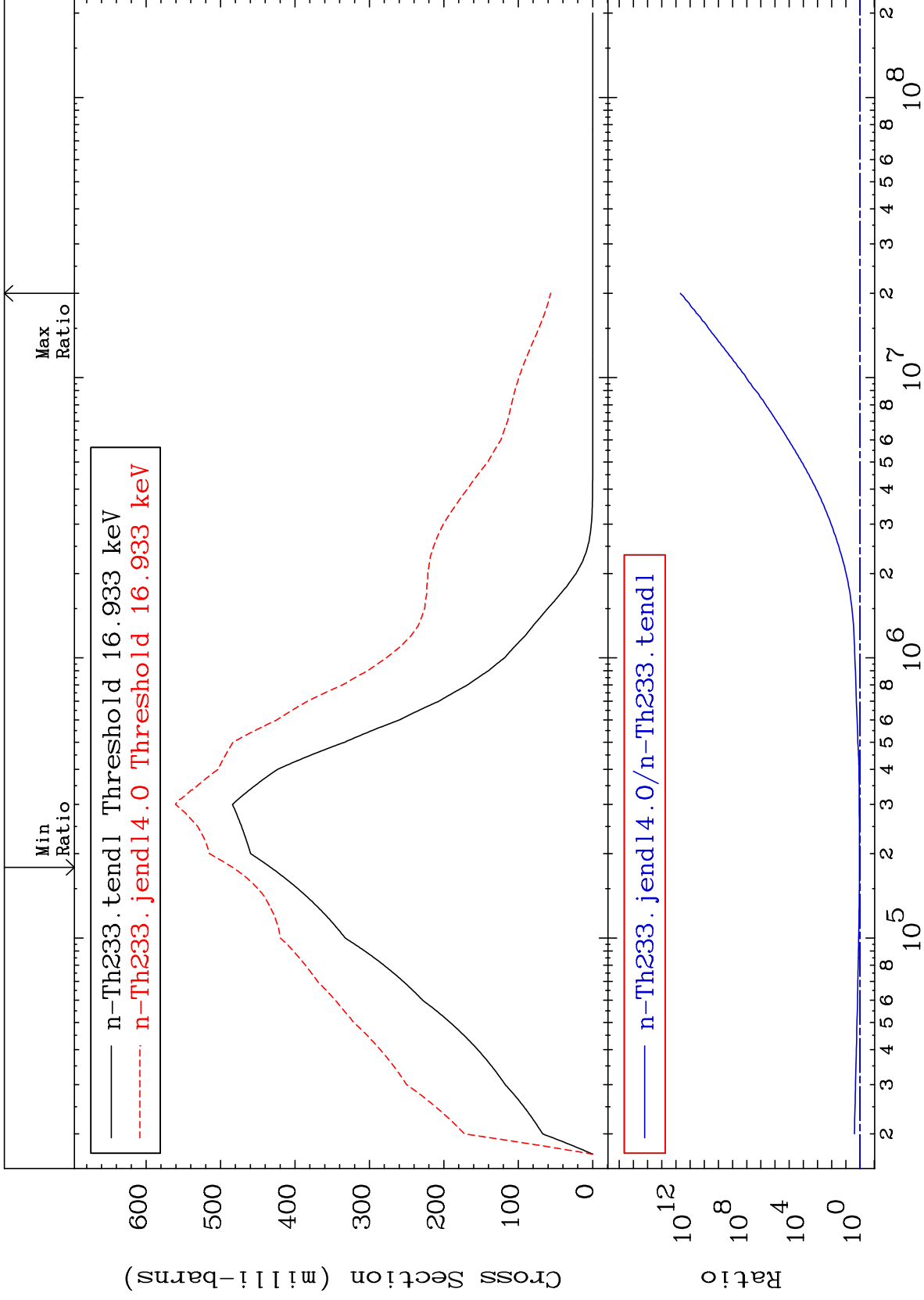
90-Th-233
To 9999. %
5.734



MAT 9043

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

90-Th-233
To 9999. %
11.81



14

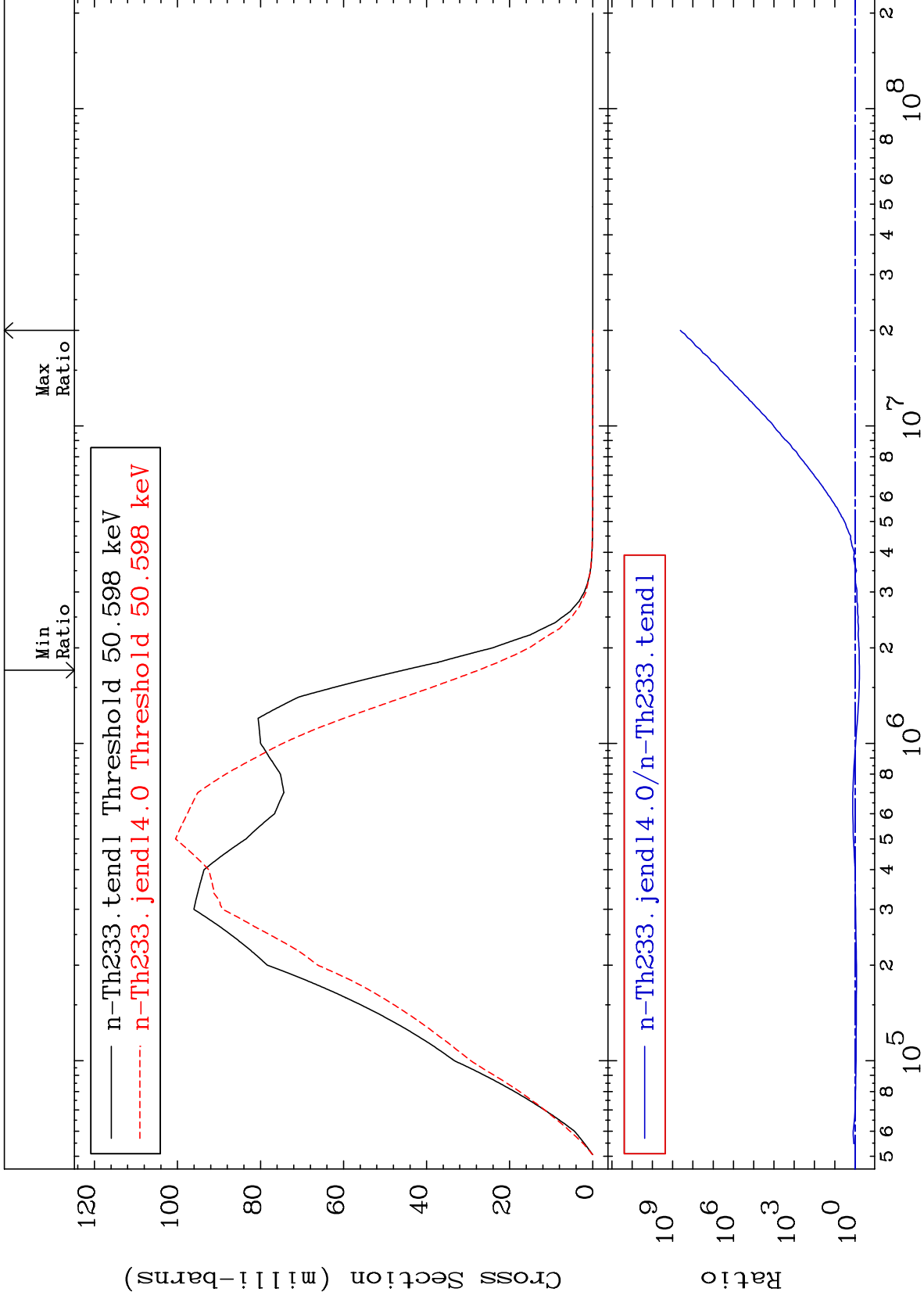
Incident Energy (eV)

90-Th-233

MAT 9043

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

90-Th-233
-39.68 To 9999. %



15

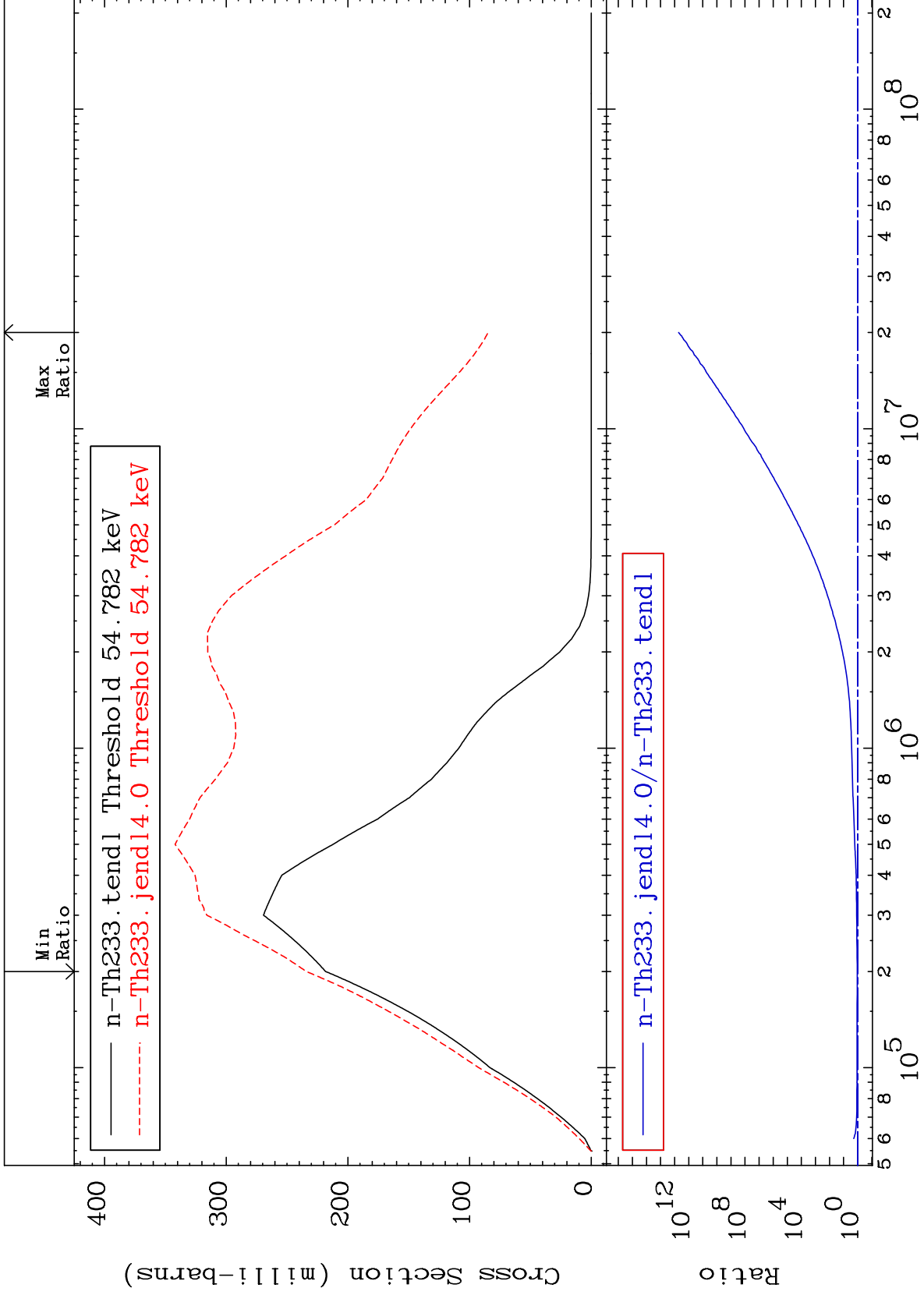
Incident Energy (eV)

90-Th-233

MAT 9043

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

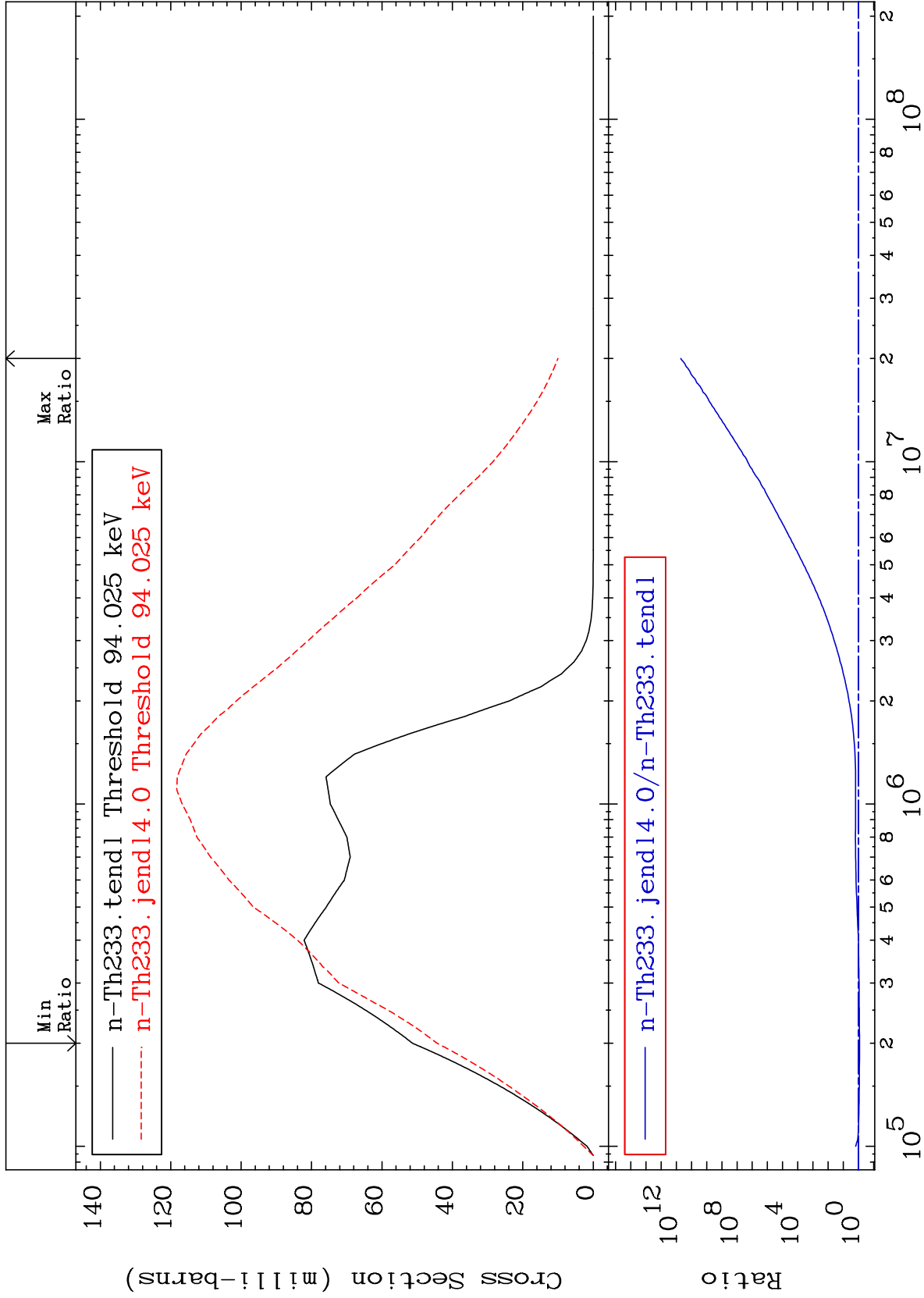
90-Th-233
7.299 To 9999. %



MAT 9043

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

90-Th-233
-13.65 To 9999. %



17

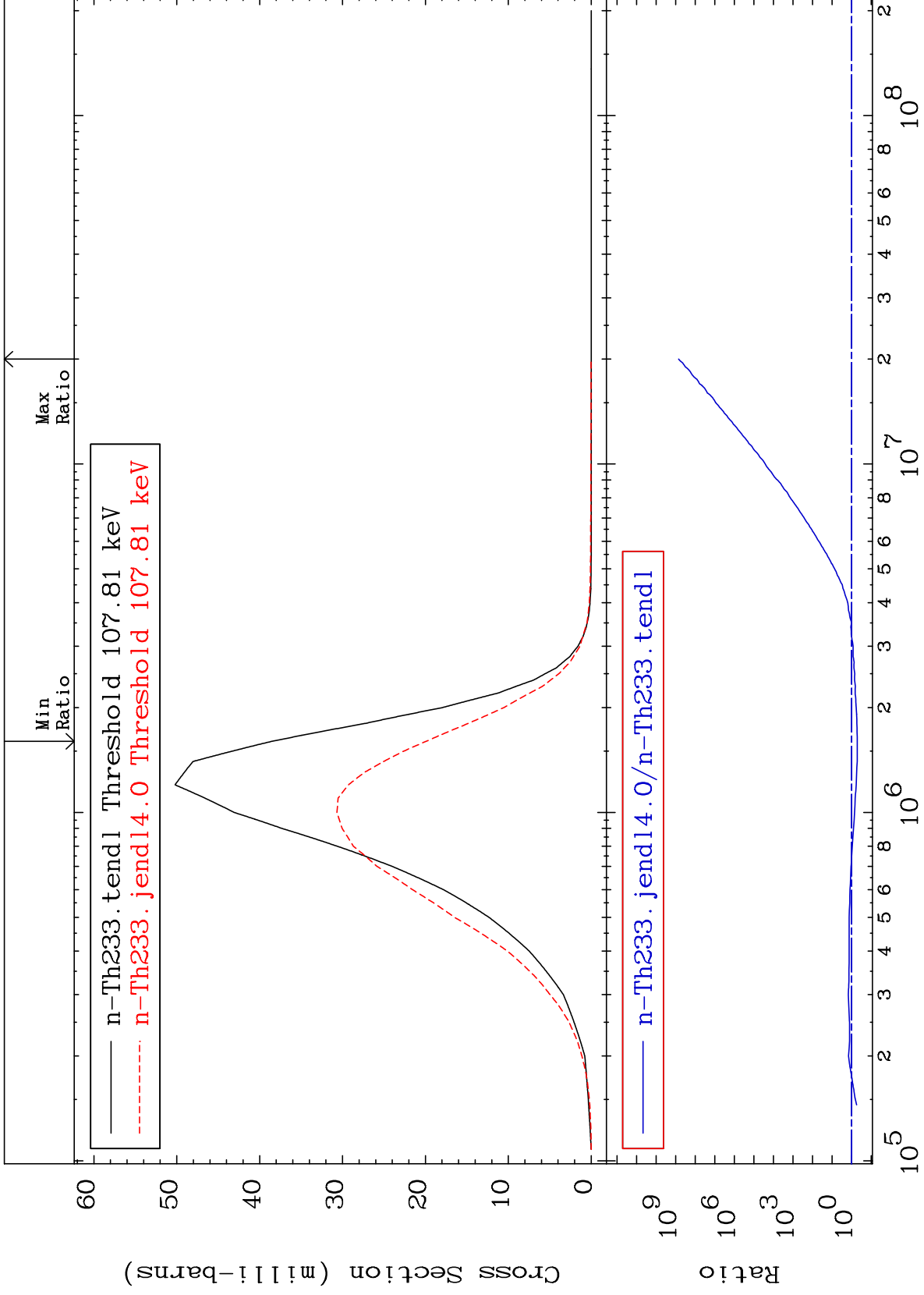
Incident Energy (eV)

90-Th-233

MAT 9043

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

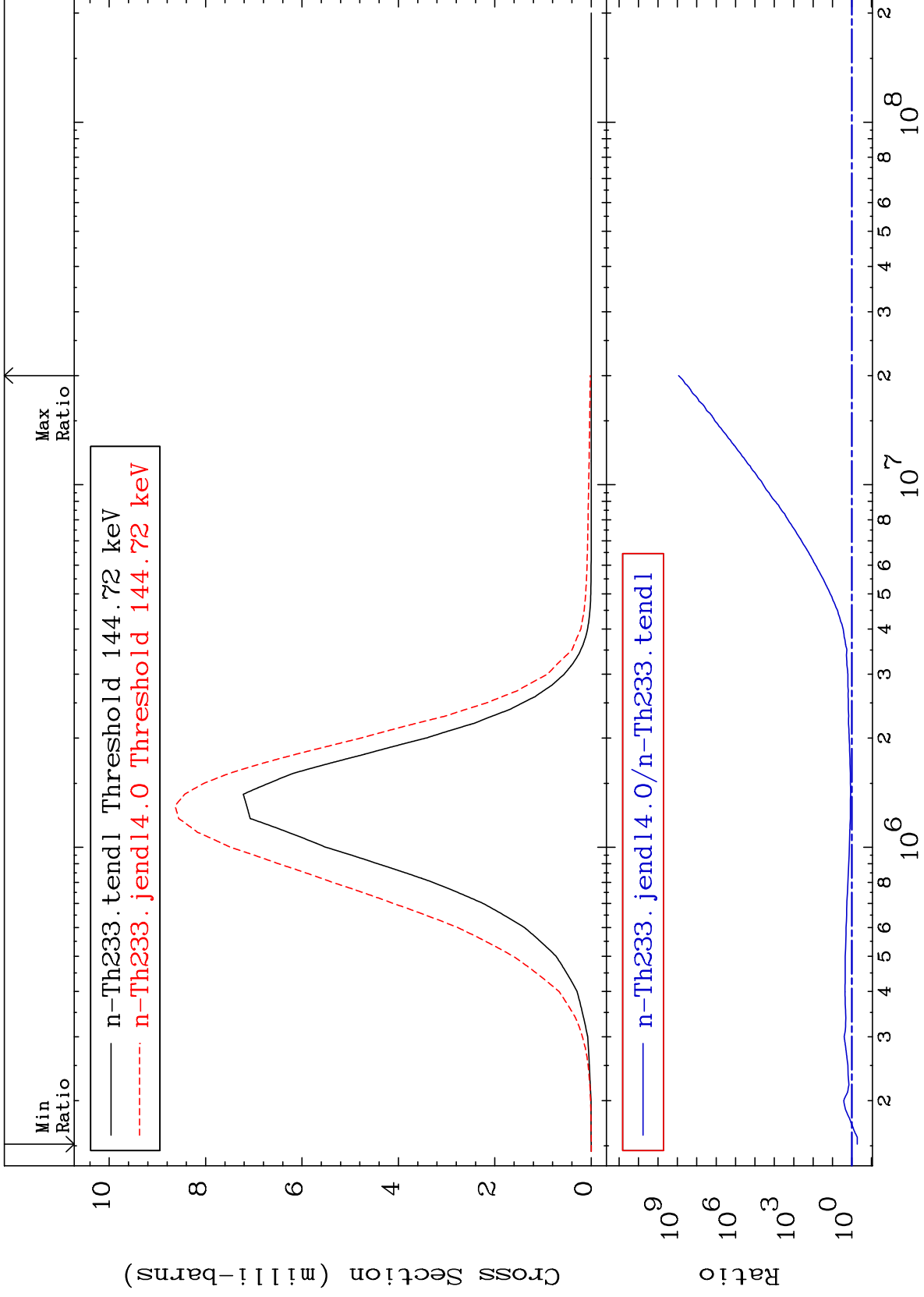
90-Th-233
-48.31 To 9999. %



MAT 9043

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

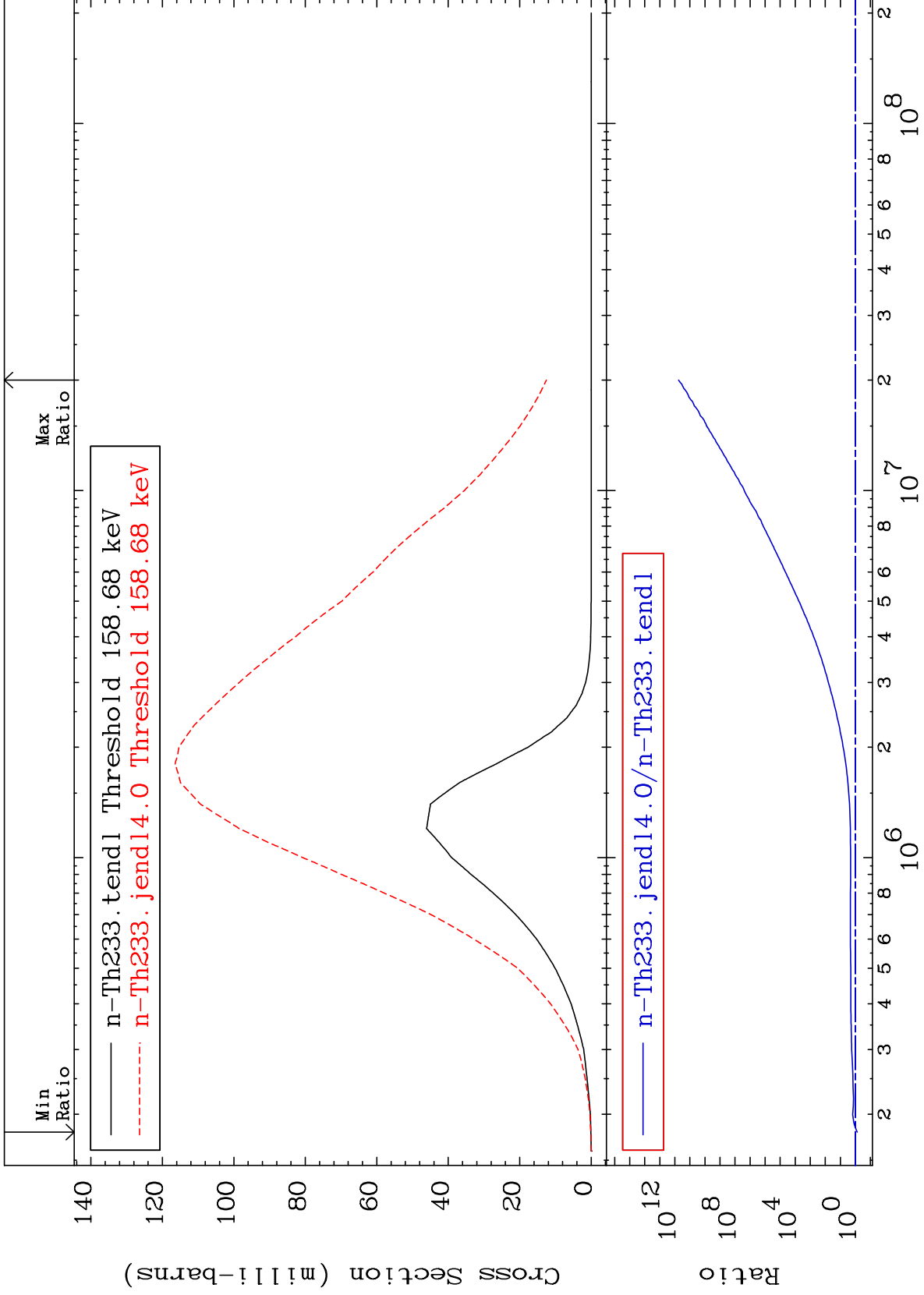
90-Th-233
-46.77 To 9999. %



MAT 9043

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

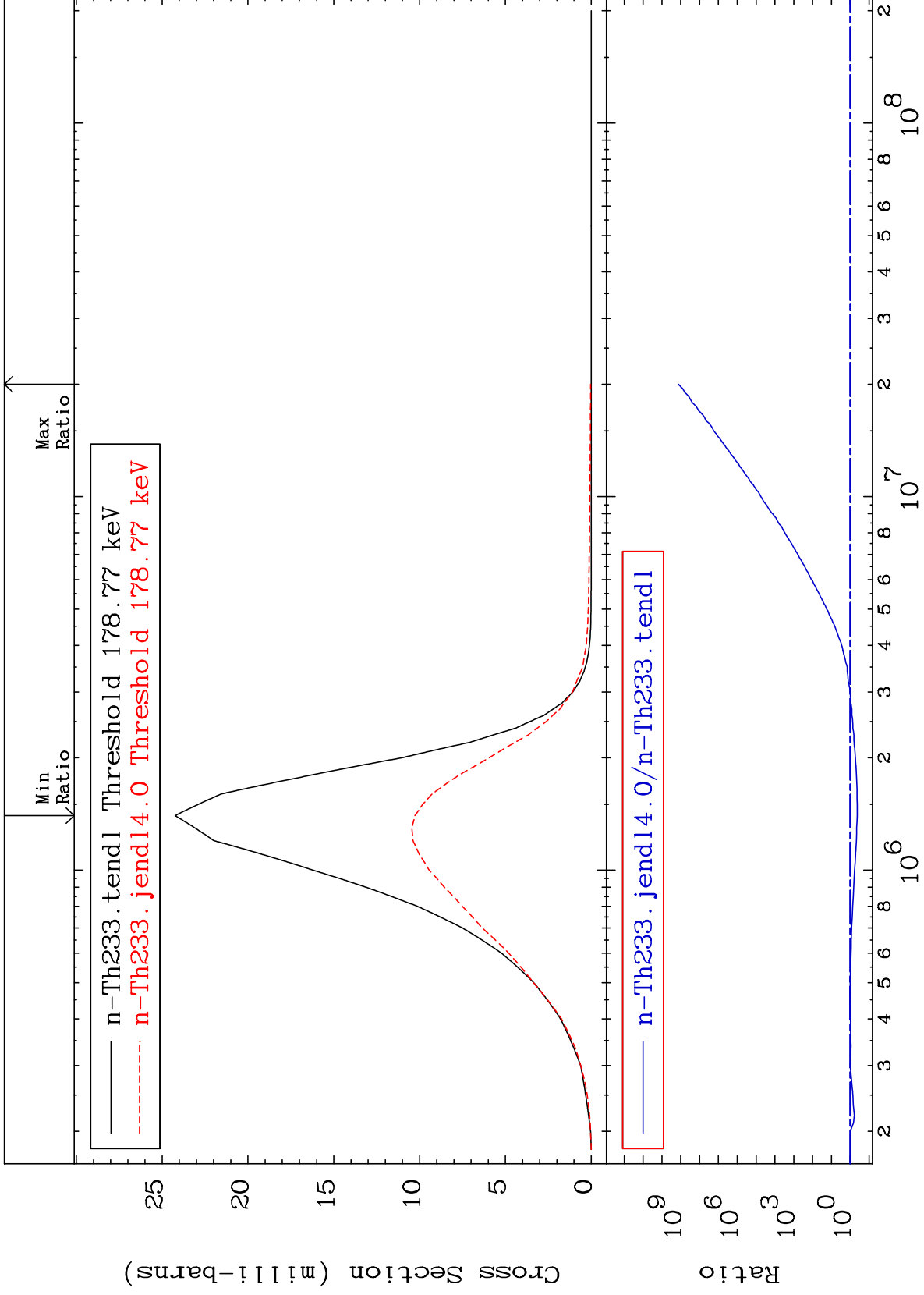
90-Th-233
-25.16 To 9999. %



MAT 9043

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

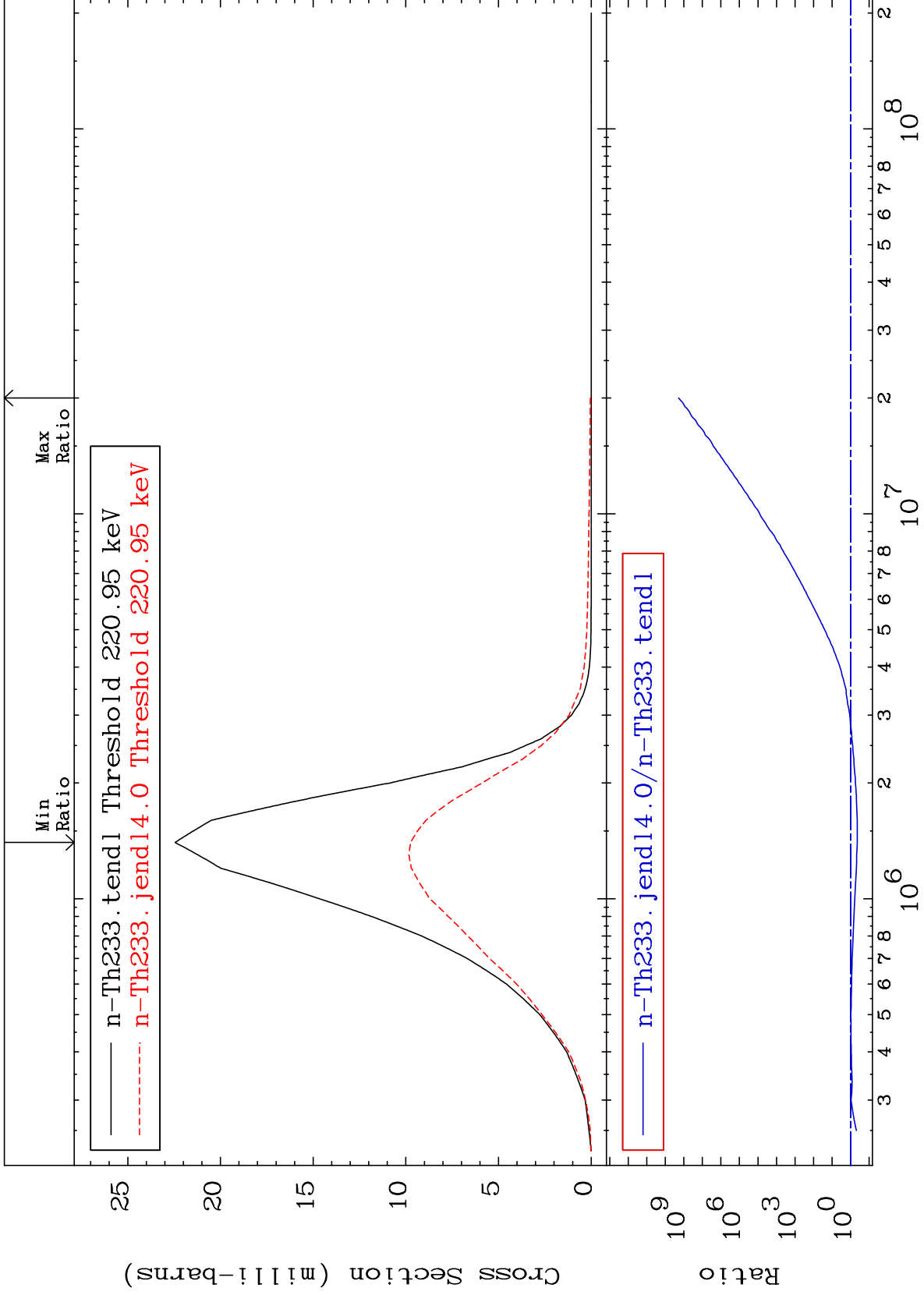
90-Th-233
-57.66 To 9999. %



MAT 9043

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

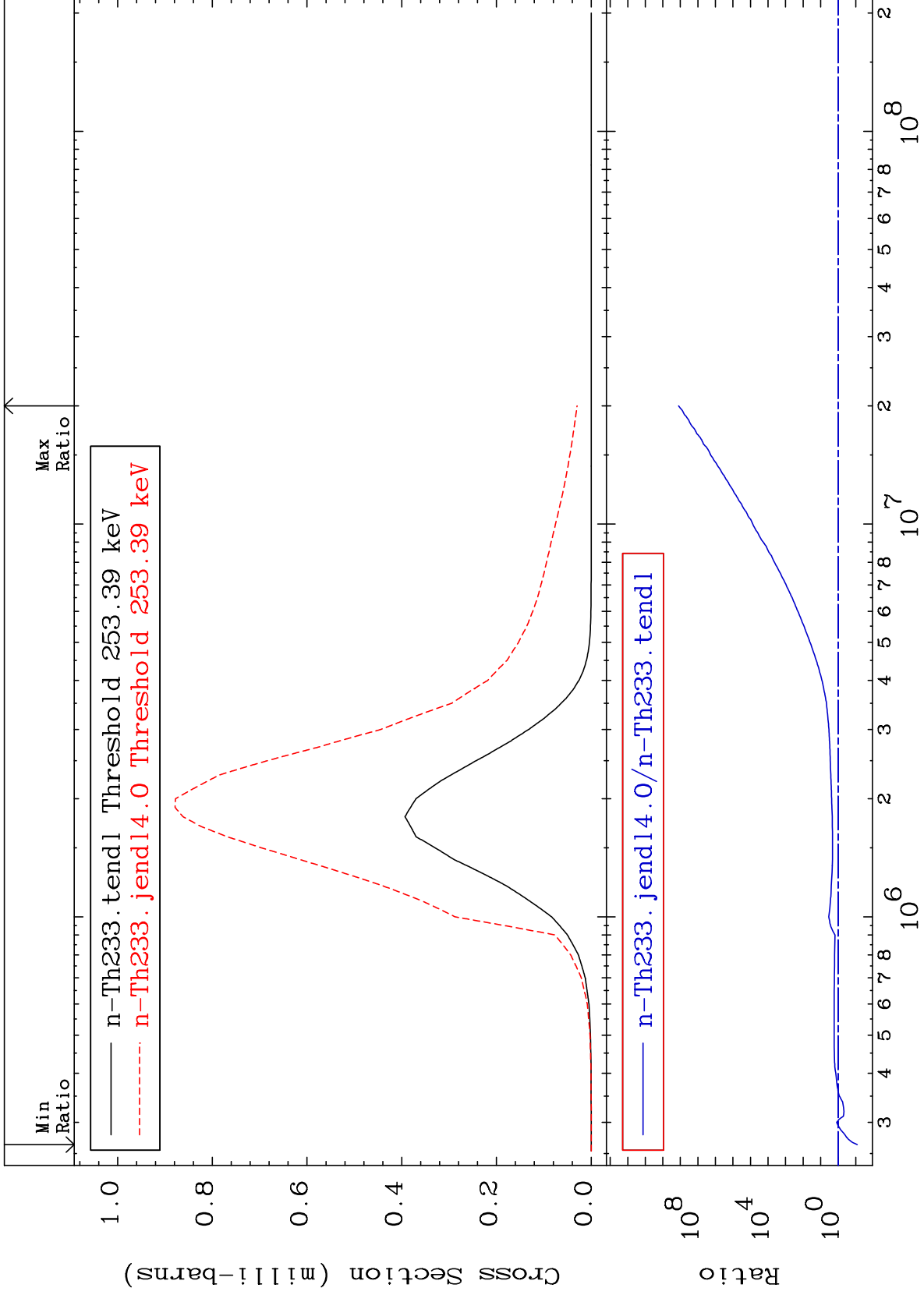
90-Th-233
-56.60 To 9999. %



MAT 9043

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

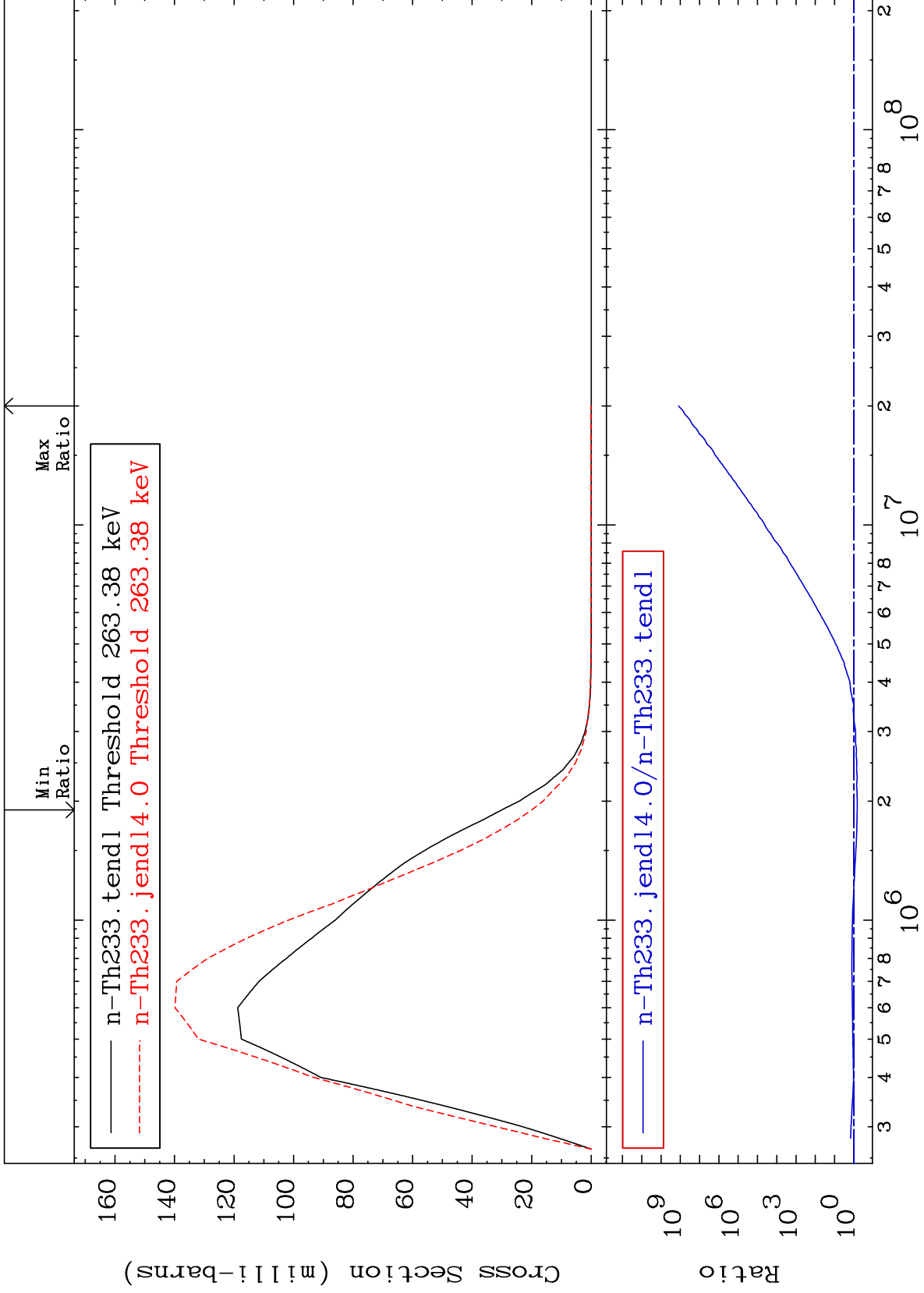
90-Th-233
-91.84 To 9999. %



MAT 9043

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

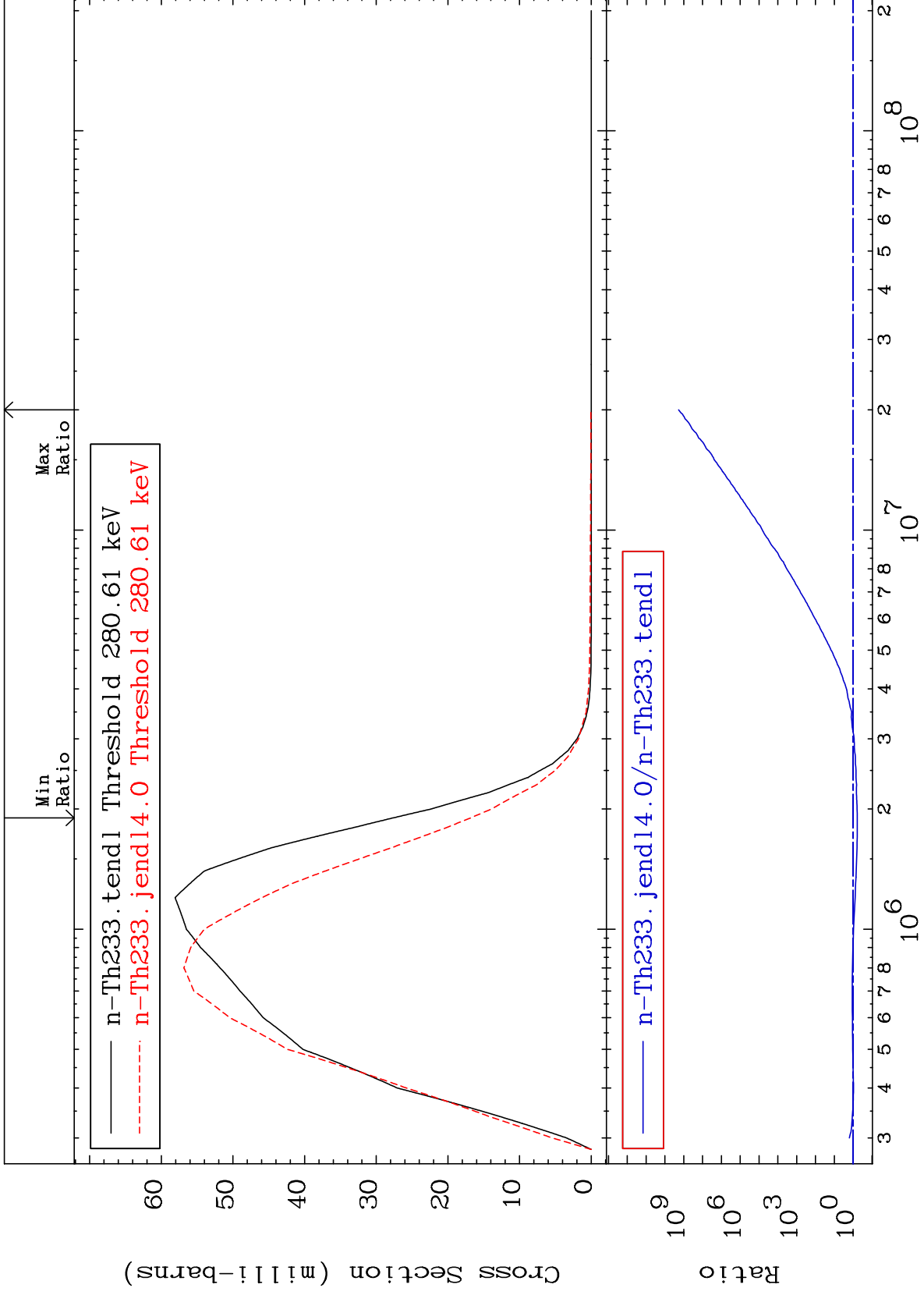
90-Th-233
-33.61 To 9999. %



MAT 9043

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

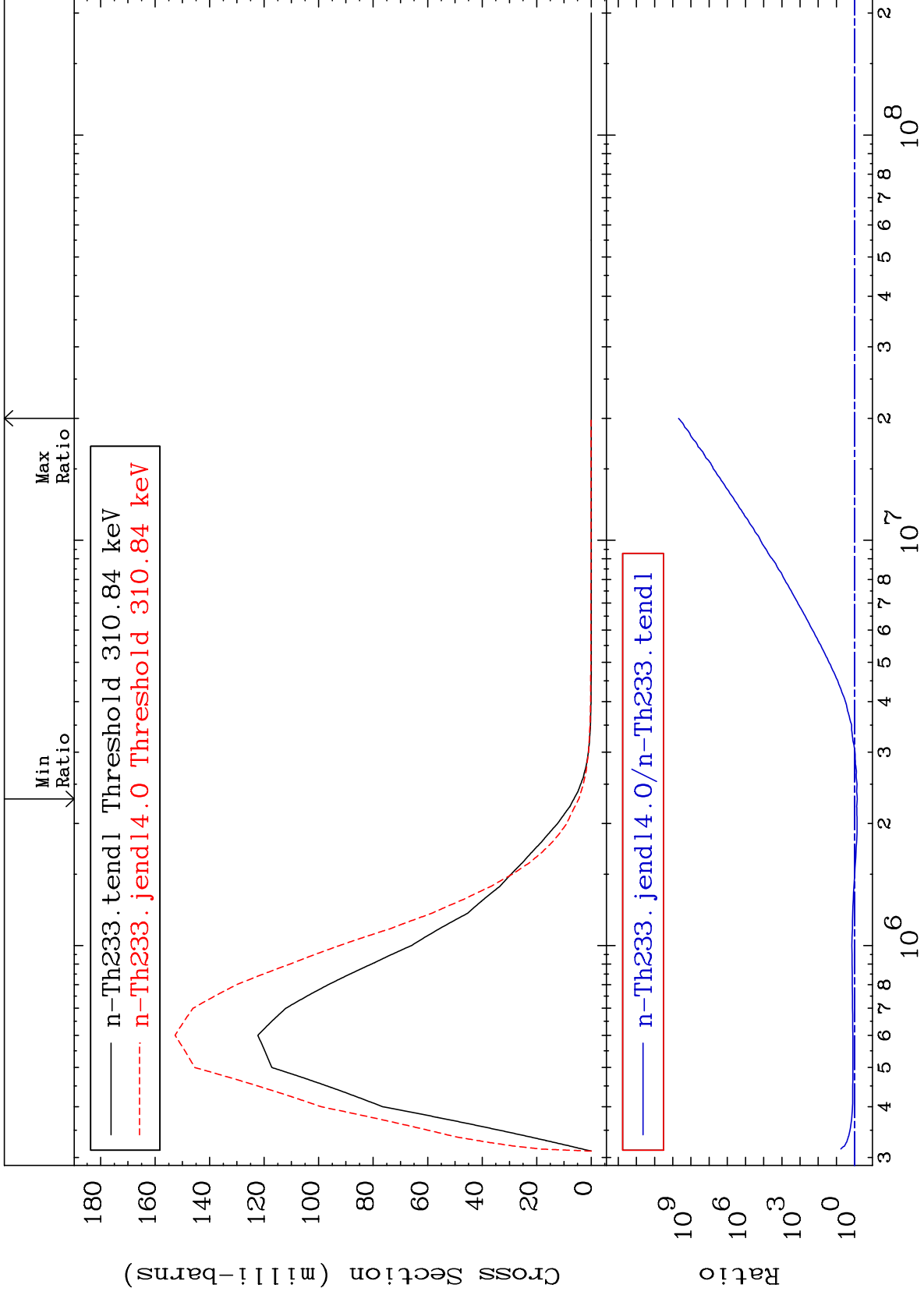
90-Th-233
-39.24 To 9999. %



MAT 9043

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

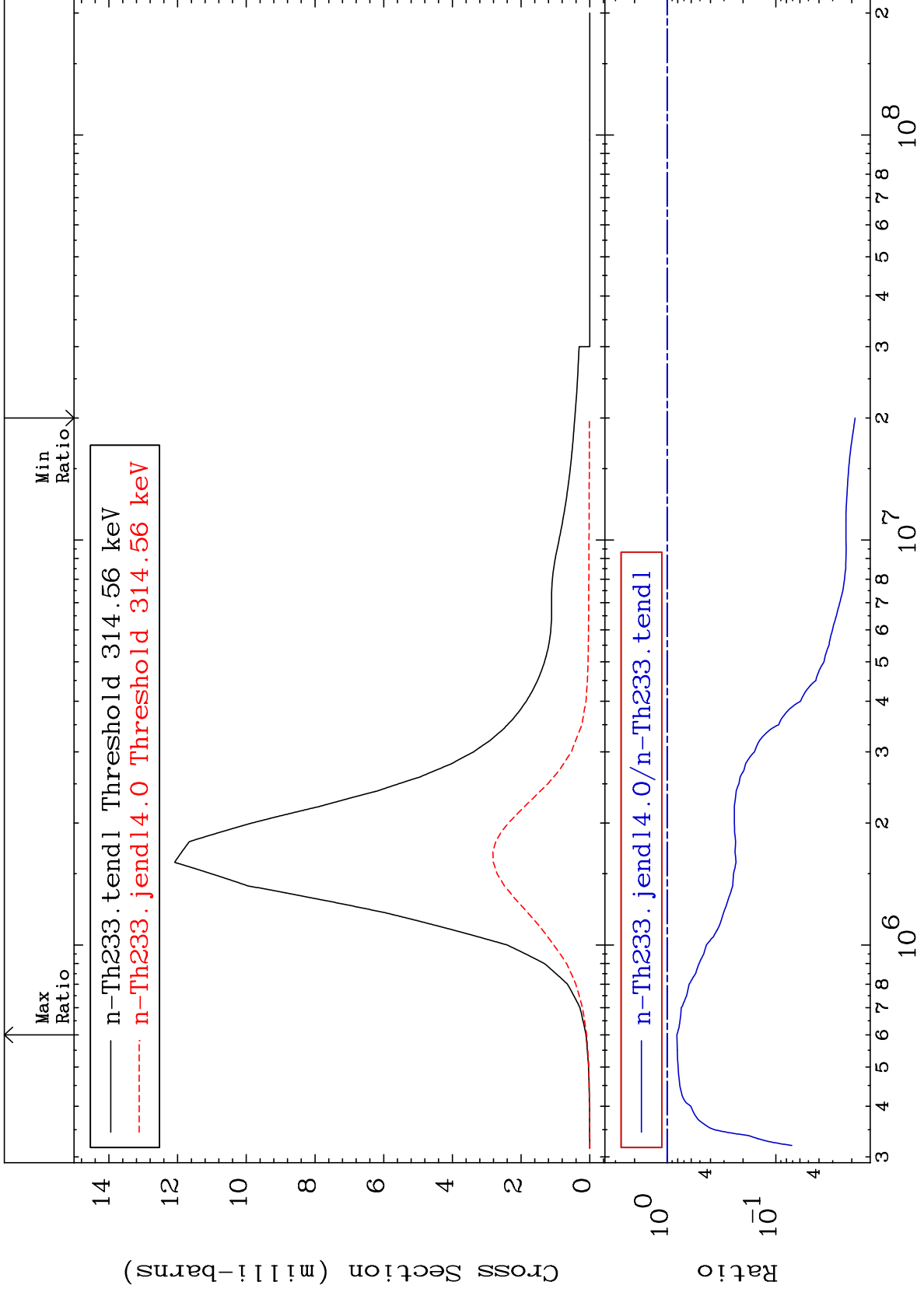
90-Th-233
-28.54 To 9999. %



MAT 9043

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

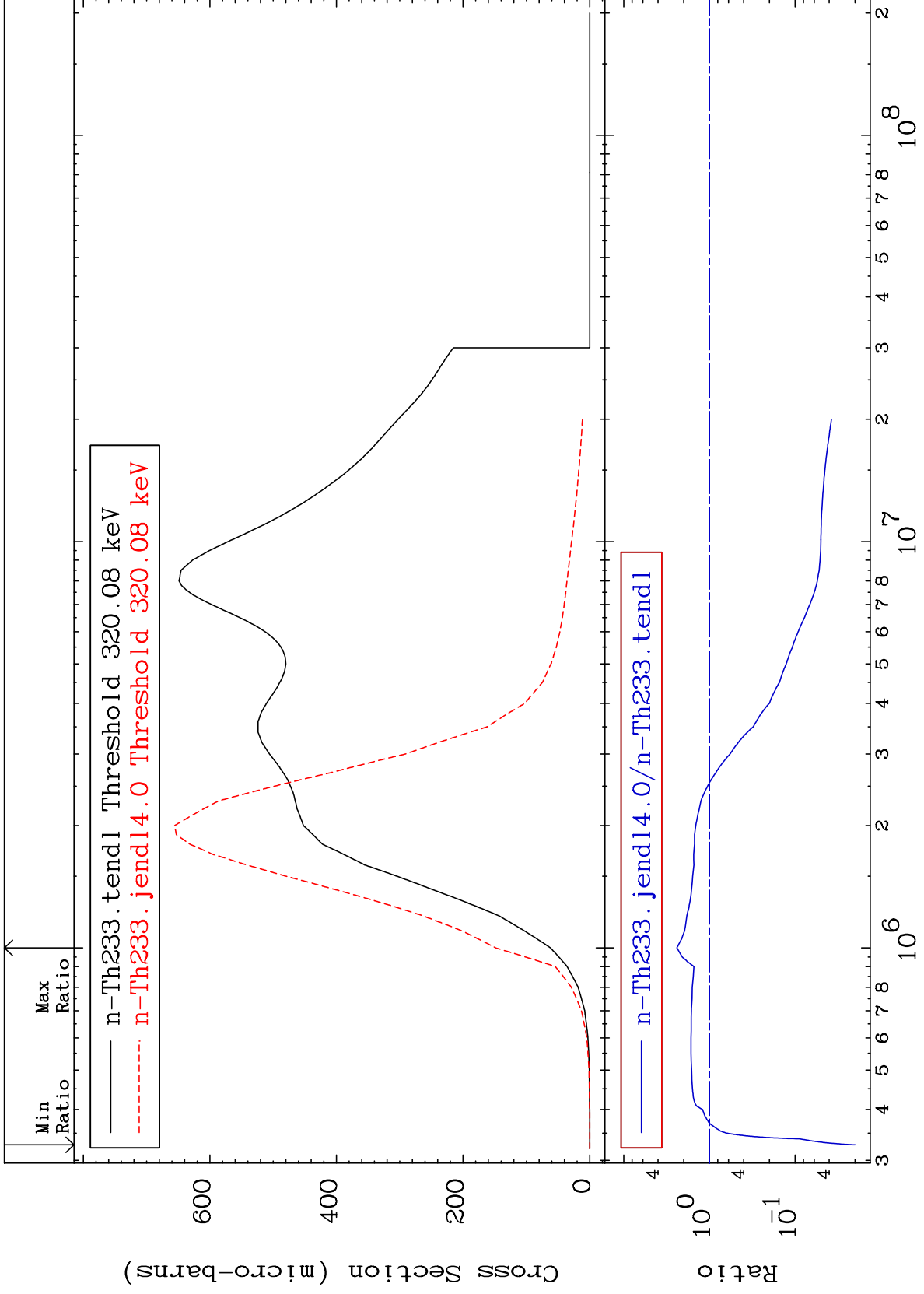
90-Th-233
-98.14 To -18.63%



MAT 9043

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

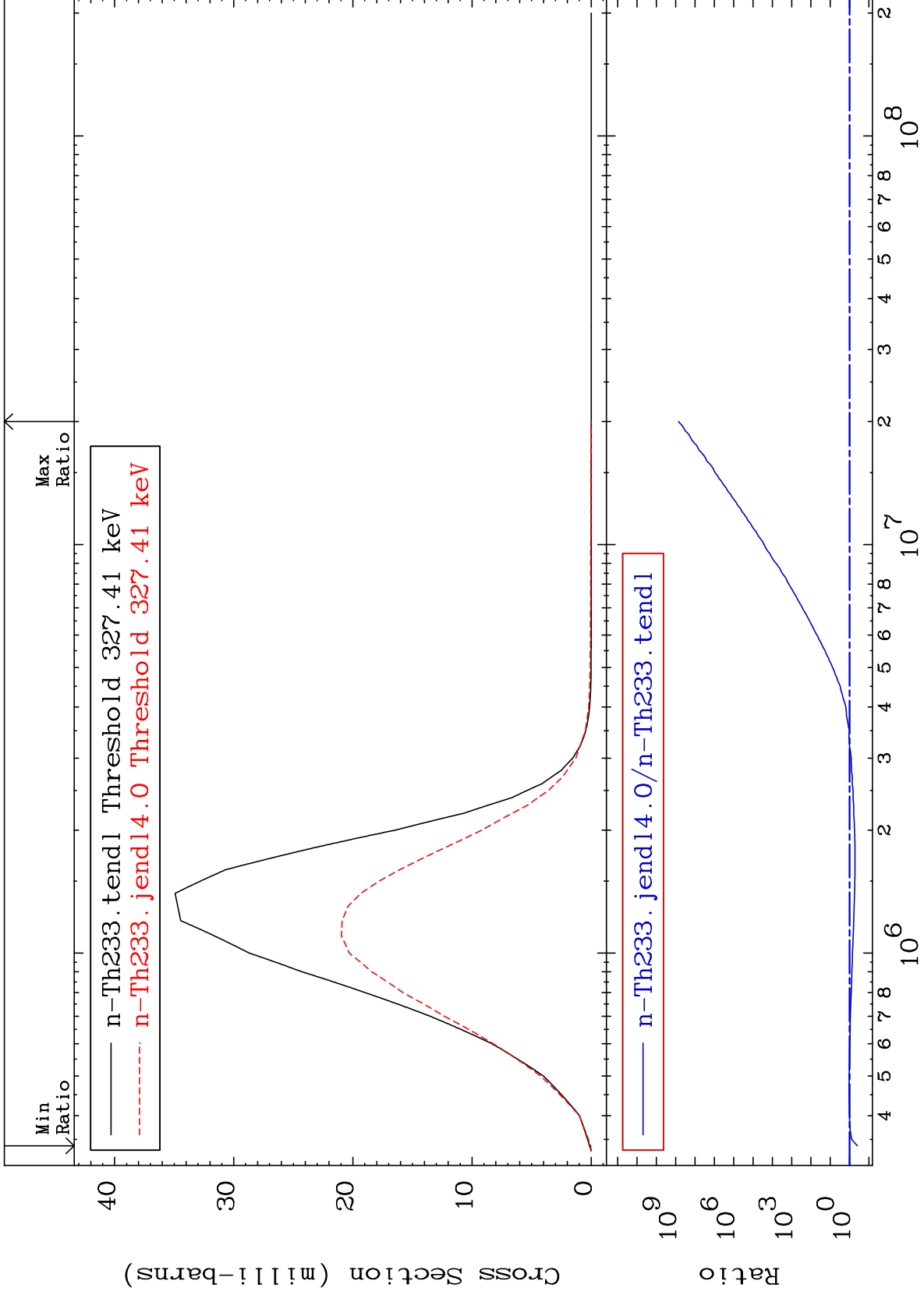
90-Th-233
-98.00 To 140.1 %



MAT 9043

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

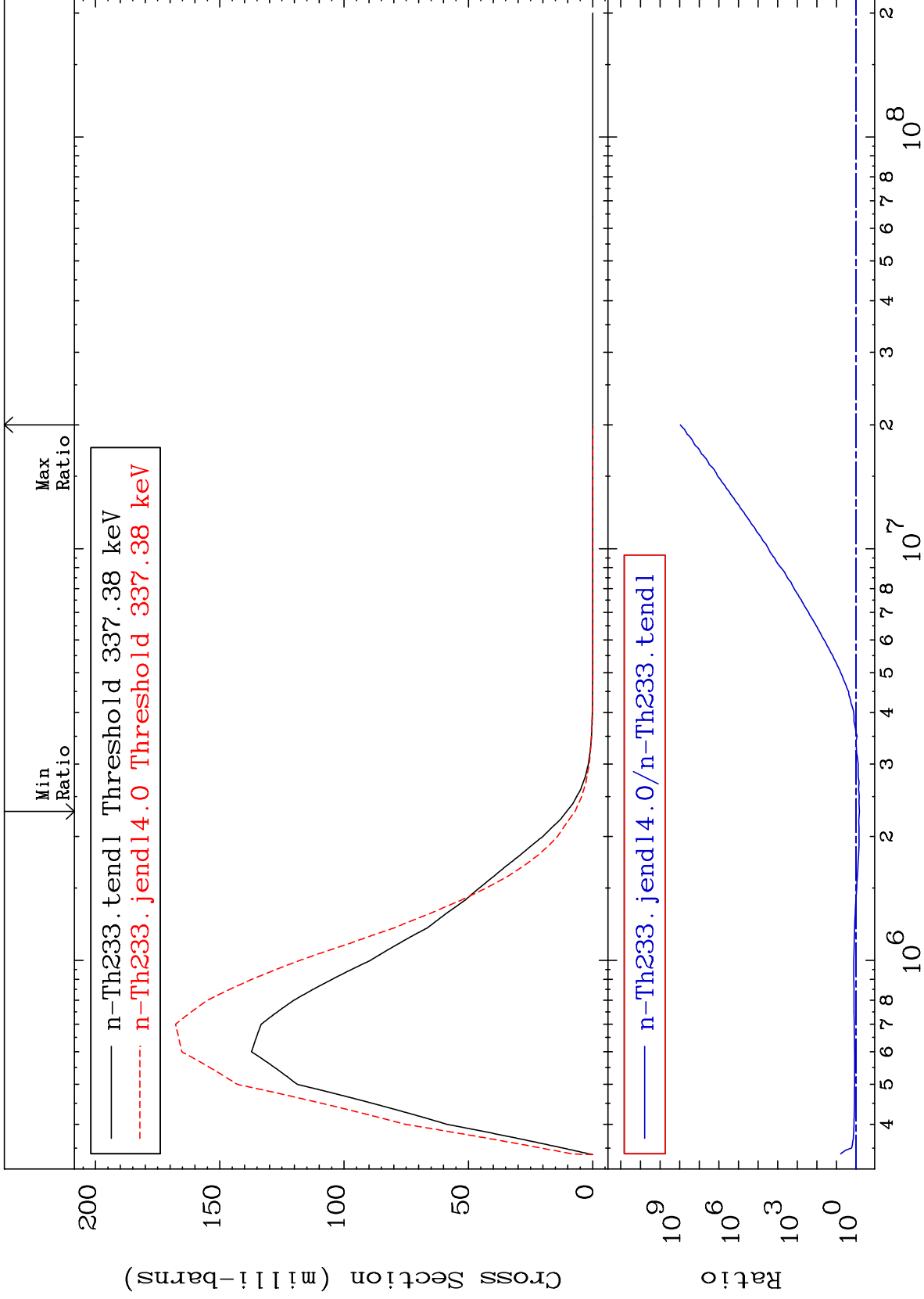
90-Th-233
-59.72 To 9999. %



MAT 9043

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

90-Th-233
-32.15 To 9999. %



30

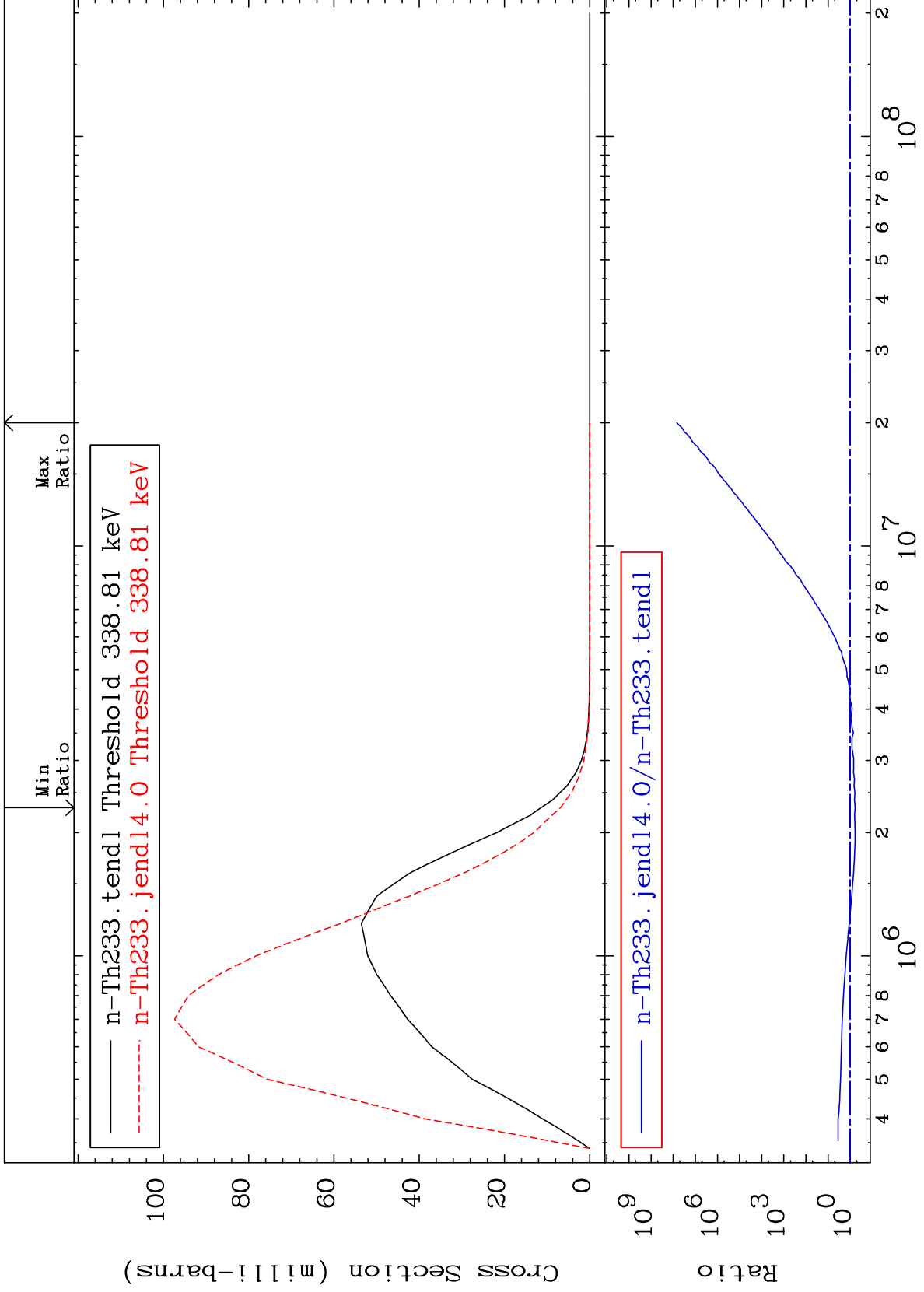
Incident Energy (eV)

90-Th-233

MAT 9043

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

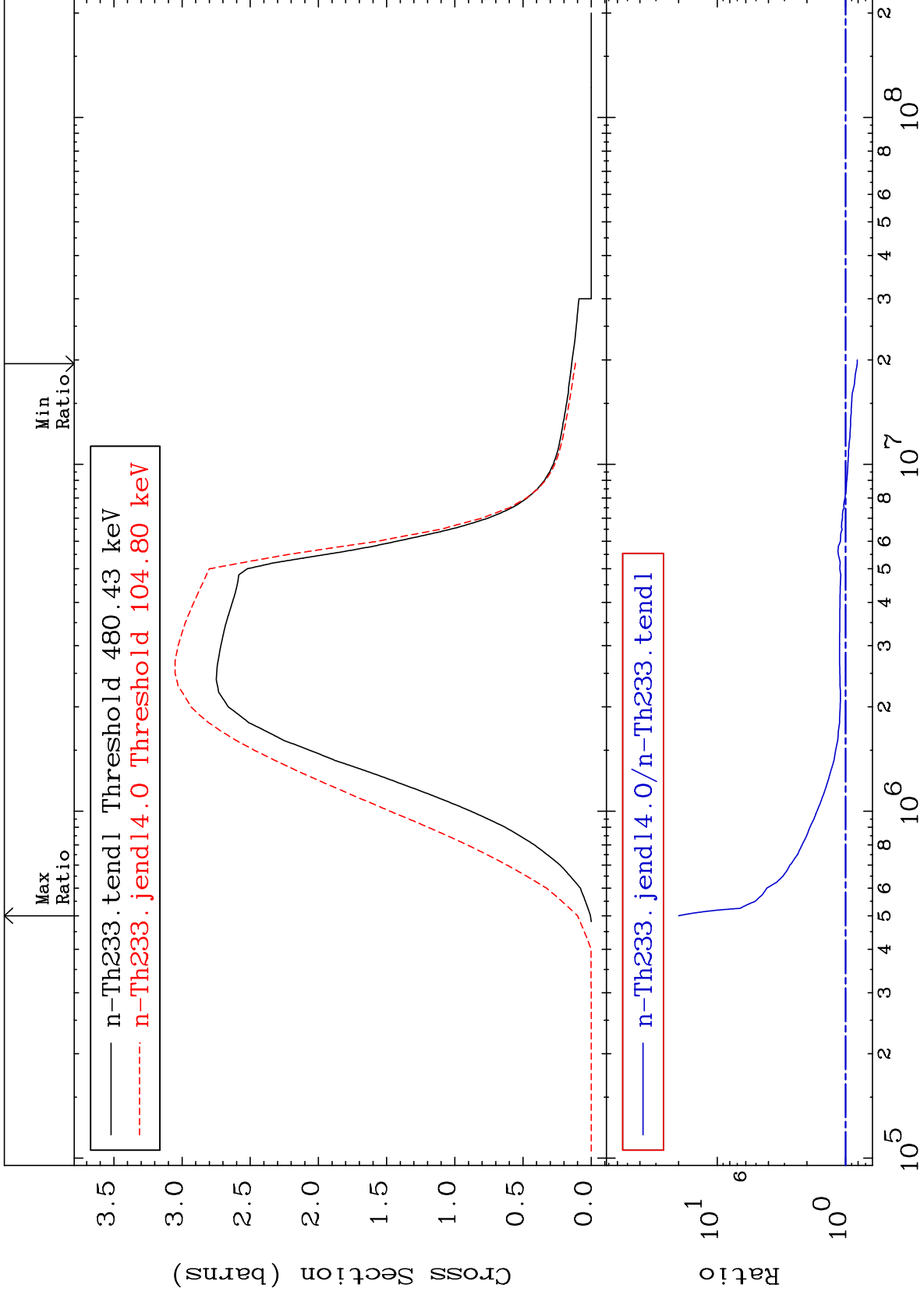
90-Th-233
-40.07 To 9999. %



MAT 9043

(n, n') Continuum
Cross Section

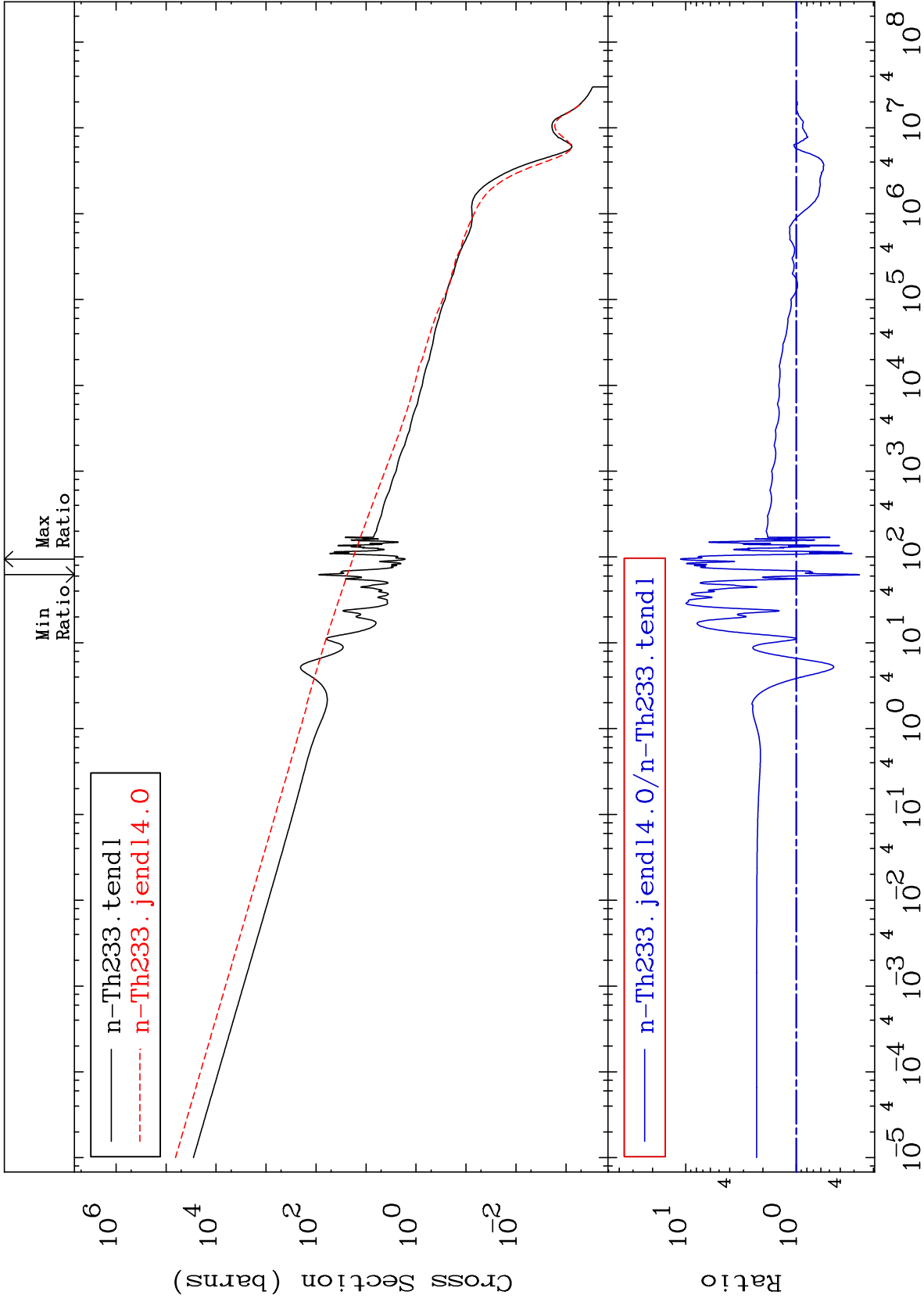
90-Th-233
-18.77 To 1899. %



MAT 9043

(n, γ)
Cross Section

90-Th-233
-73.21 To 1019. %



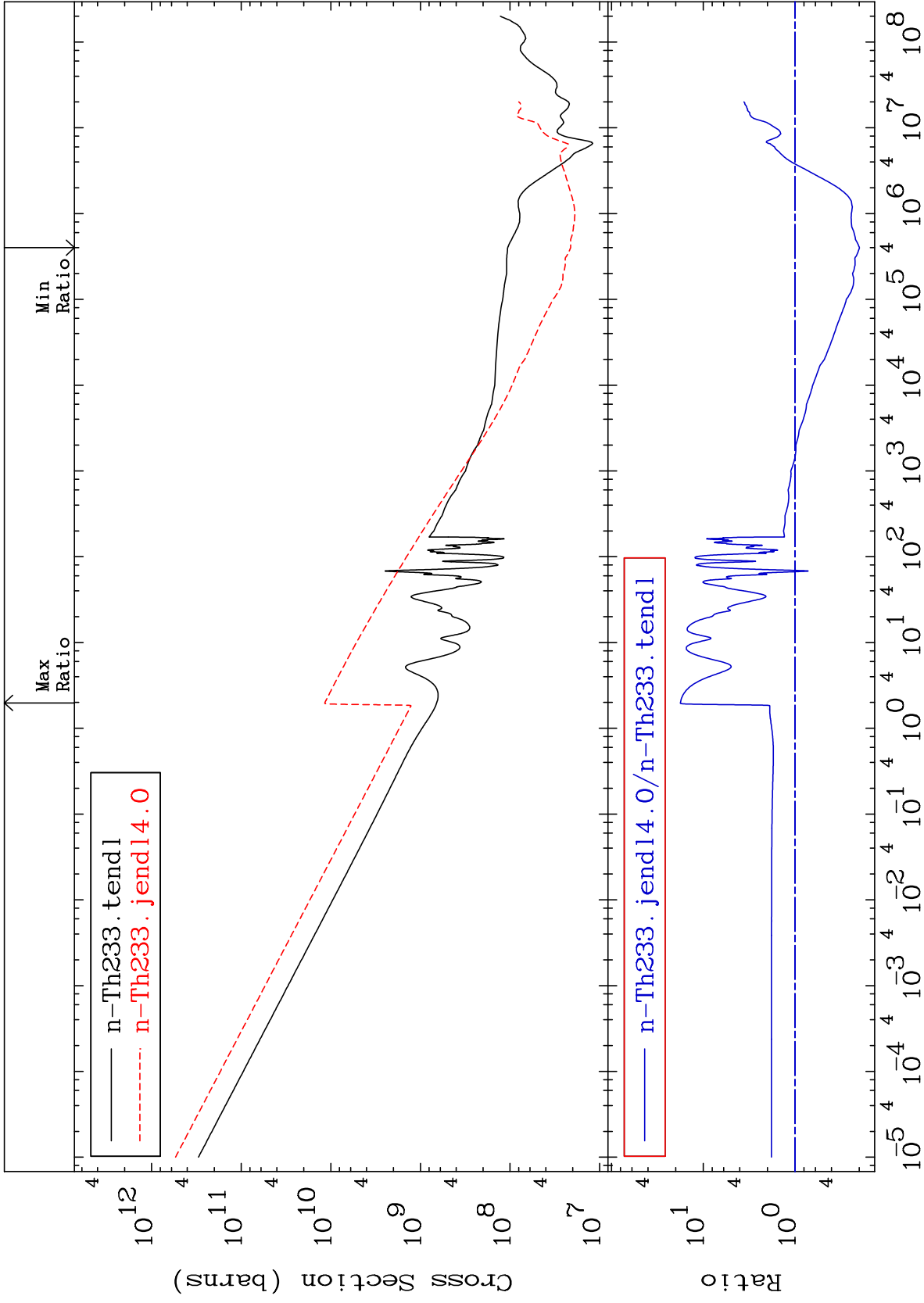
MAT 9043

Kerma total (eV-barns)

90-Th-233

Cross Section

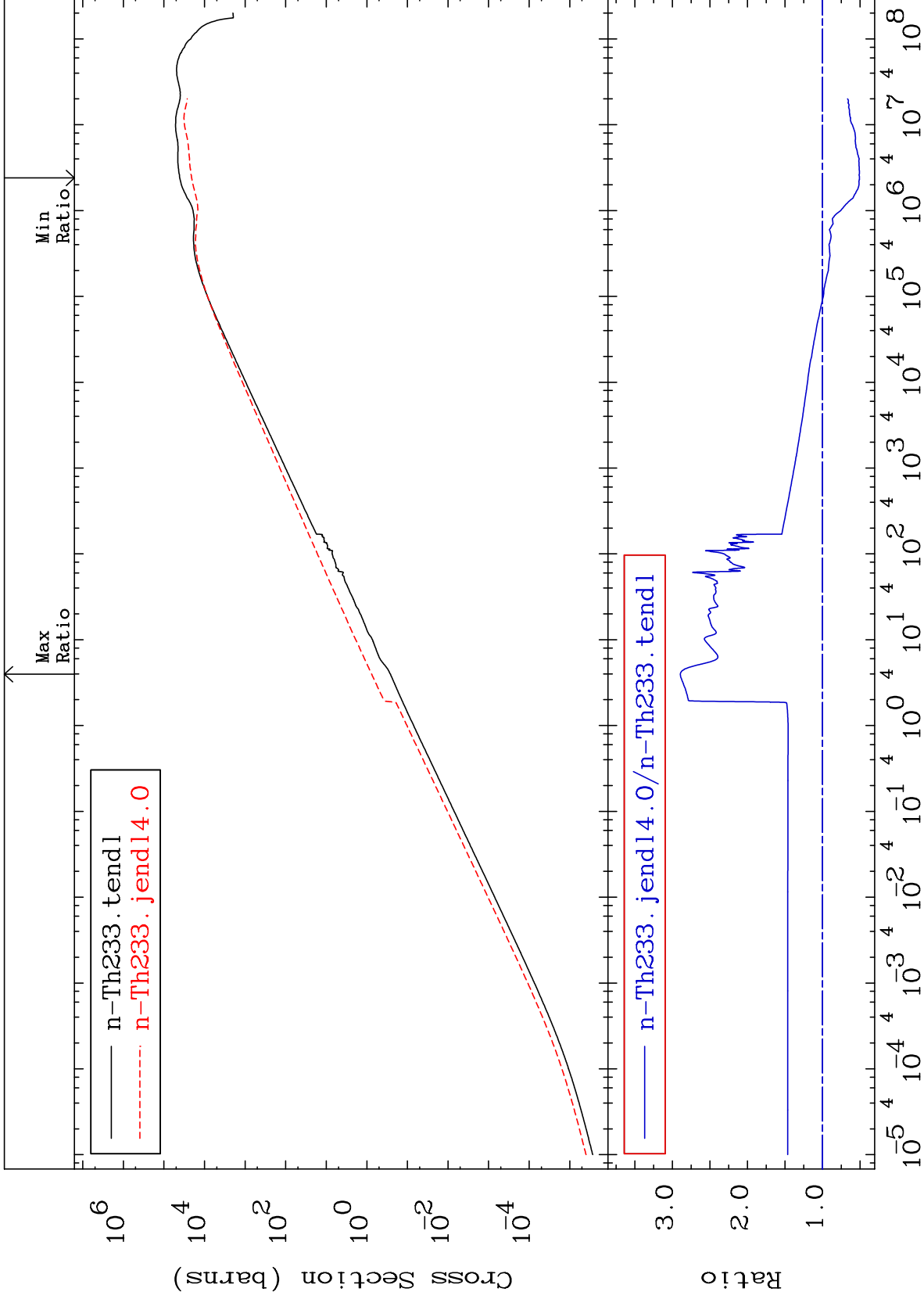
-80.15 To 1676. %

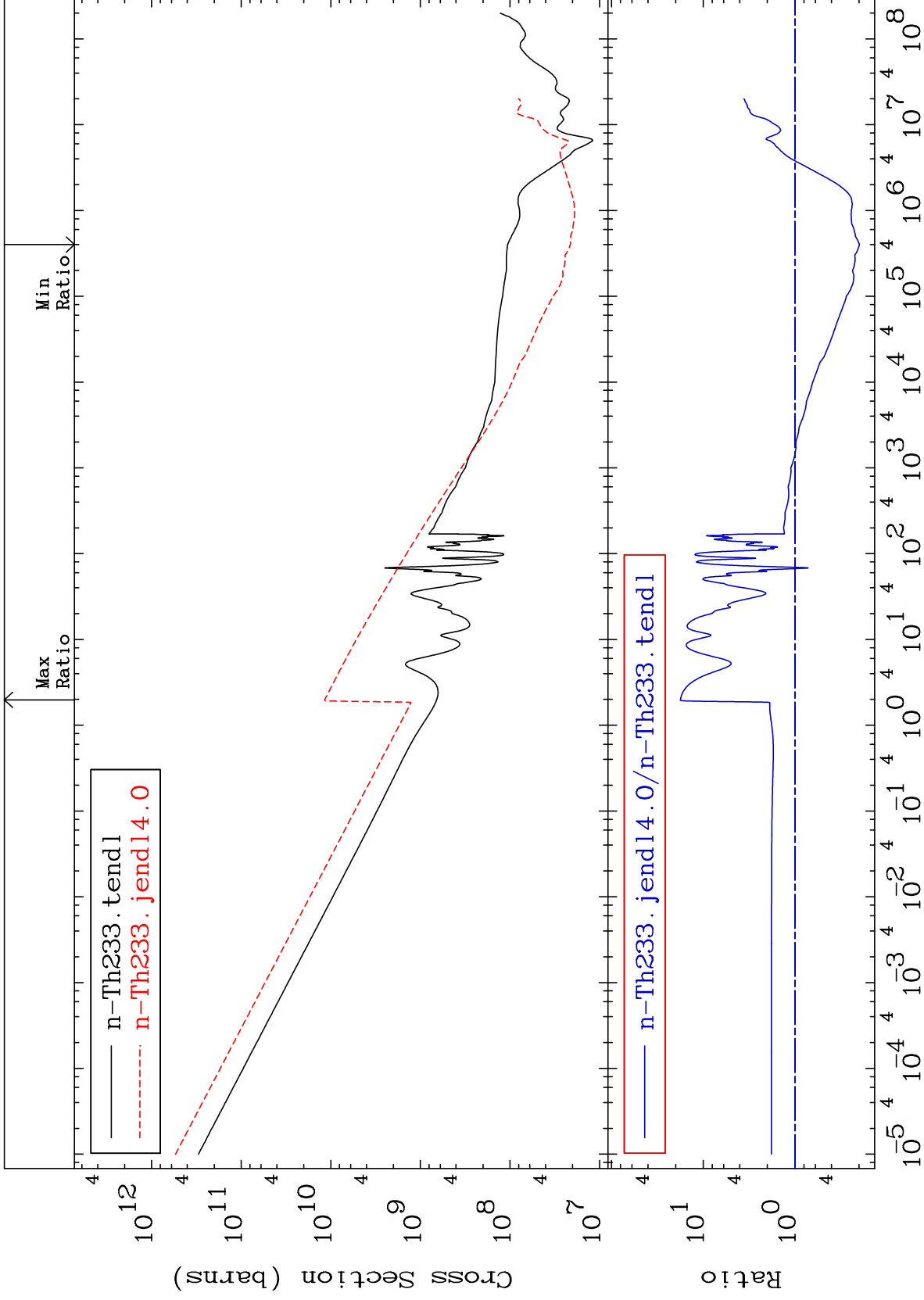


MAT 9043

Kerma elastic
Cross Section

90-Th-233
-49.14 To 189.4 %

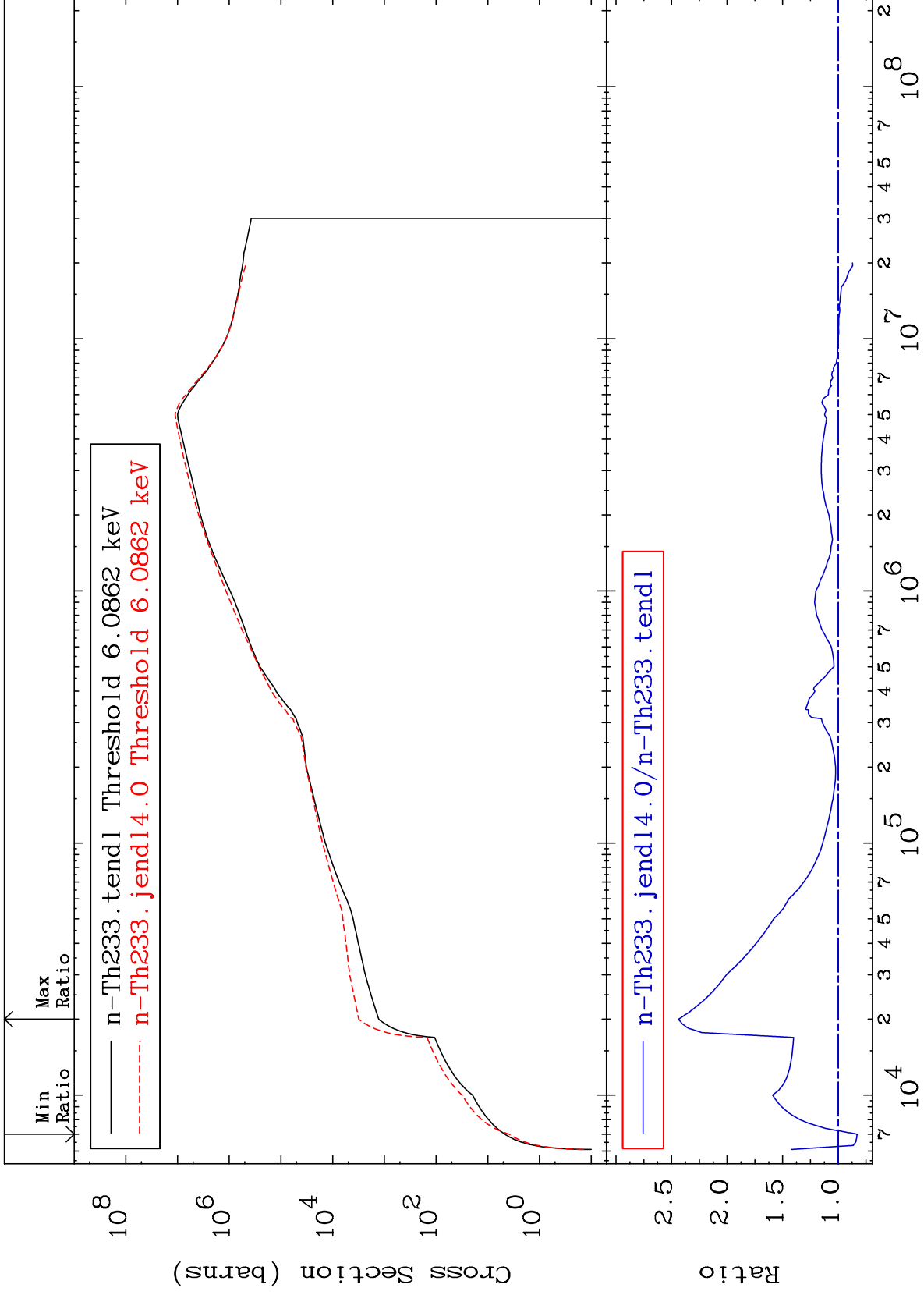




MAT 9043

Kerma inelastic (mt51-91)
Cross Section

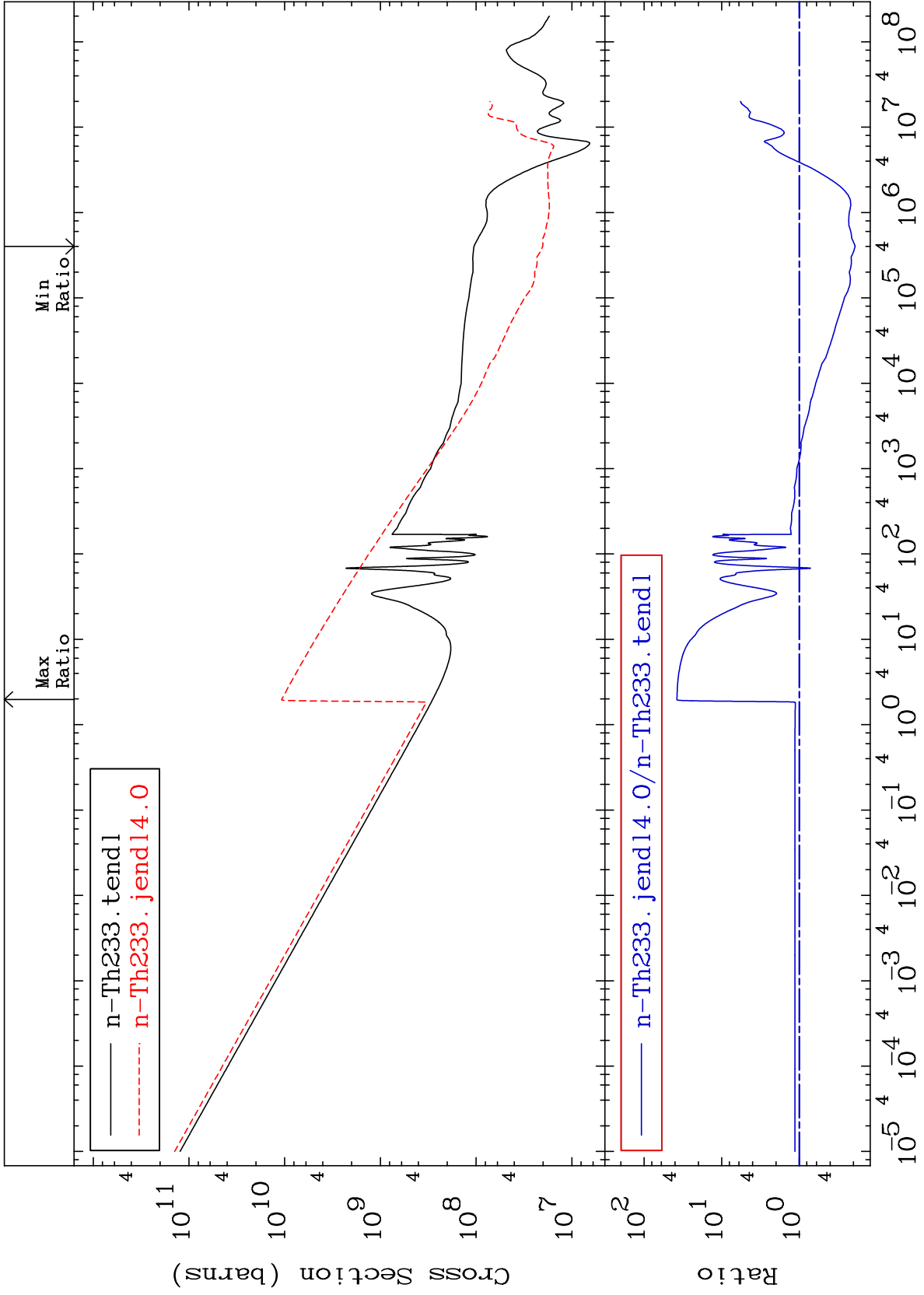
90-Th-233
-17.10 To 143.6 %



MAT 9043

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

90-Th-233
-80.92 To 3685. %



38

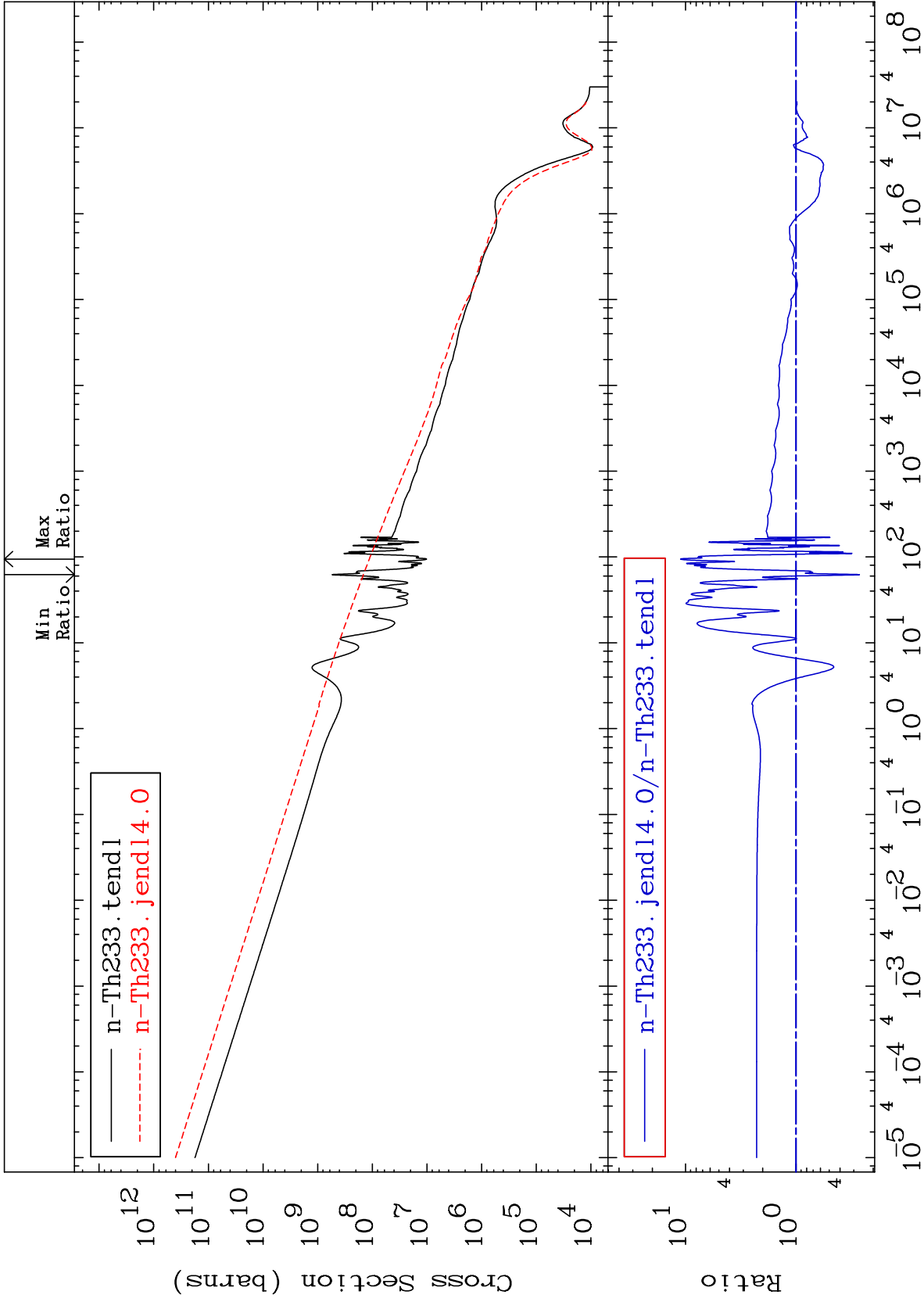
Incident Energy (eV)

90-Th-233

MAT 9043

Kerma capture (mt102)
Cross Section

90-Th-233
-73.32 To 1014. %



39

Incident Energy (eV)

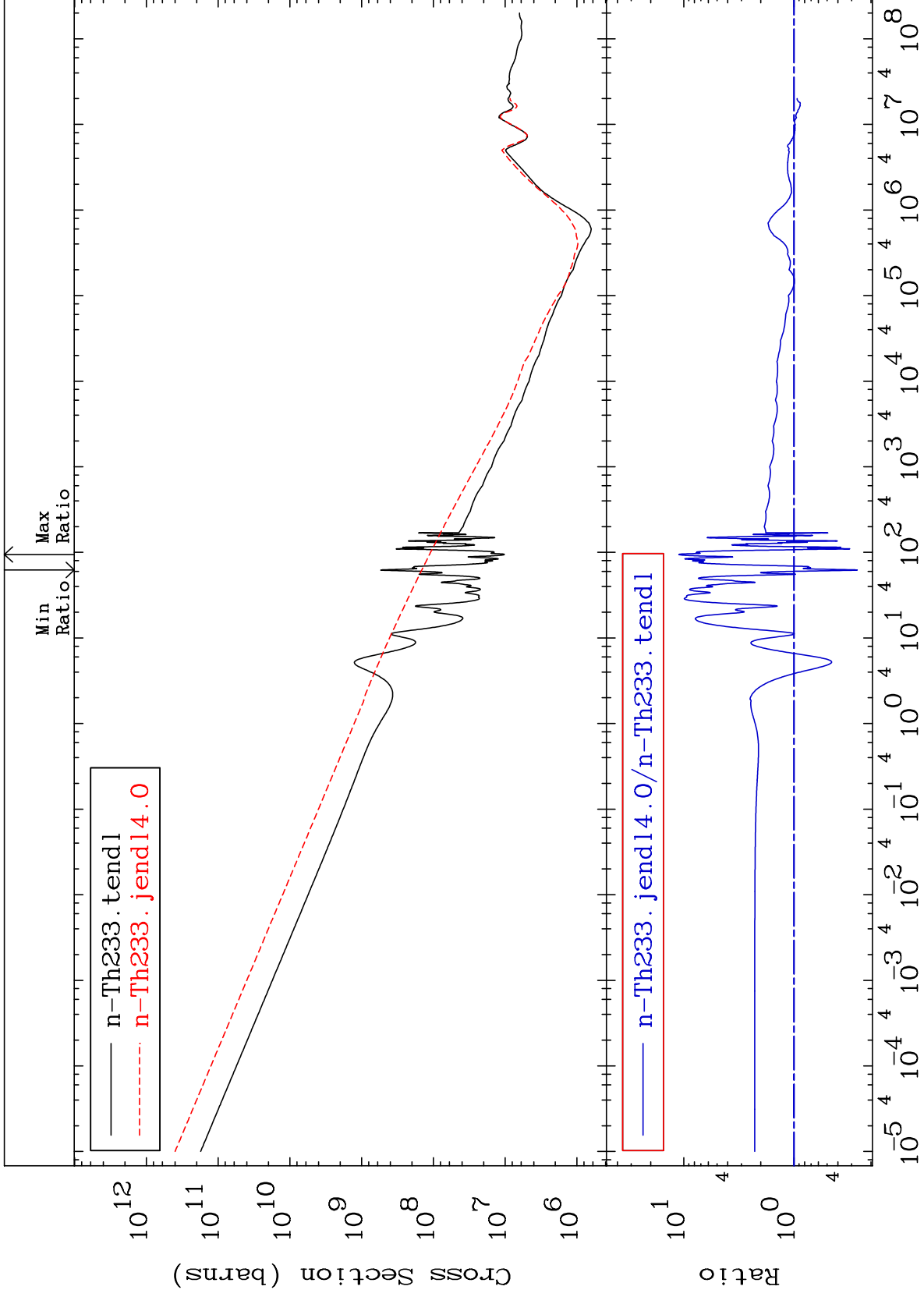
90-Th-233

MAT 9043

Total photon (eV-barns)
Cross Section

90-Th-233

-73.32 To 1014. %



40

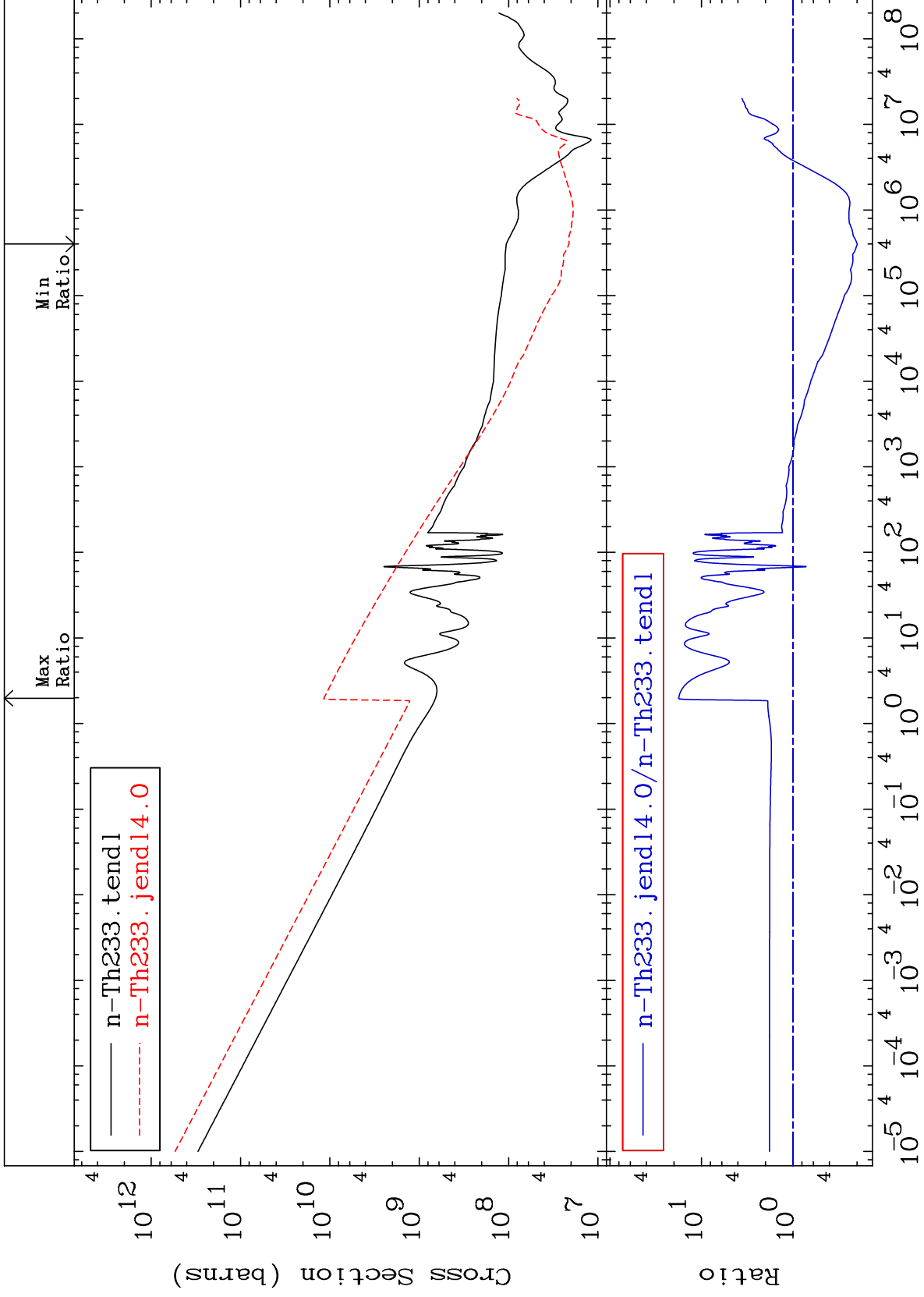
Incident Energy (eV)

90-Th-233

MAT 9043

Total kinematic kerma (high limit)
Cross Section

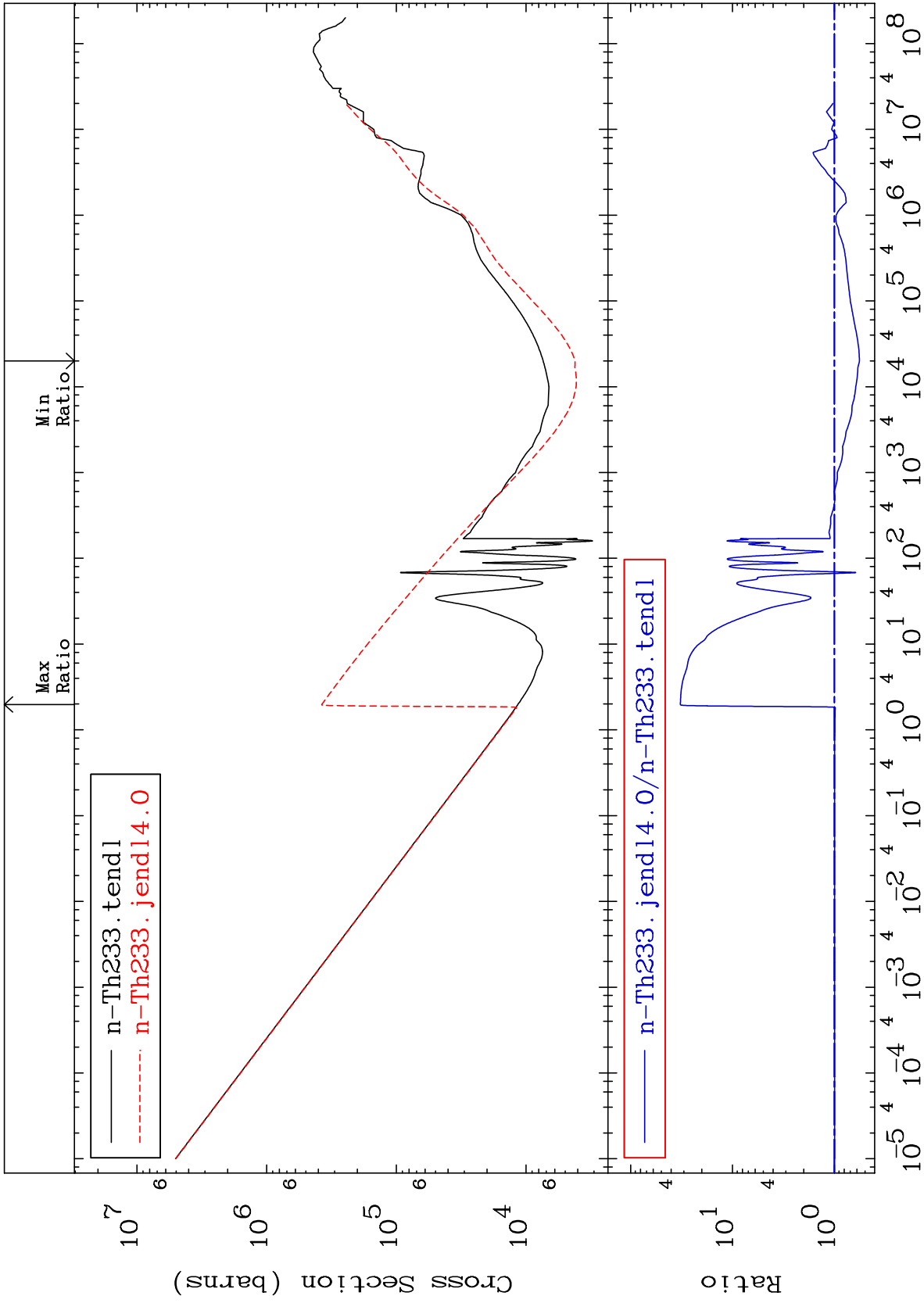
90-Th-233
-80.13 To 1676. %



MAT 9043

Dpa total (eV-barns)
Cross Section

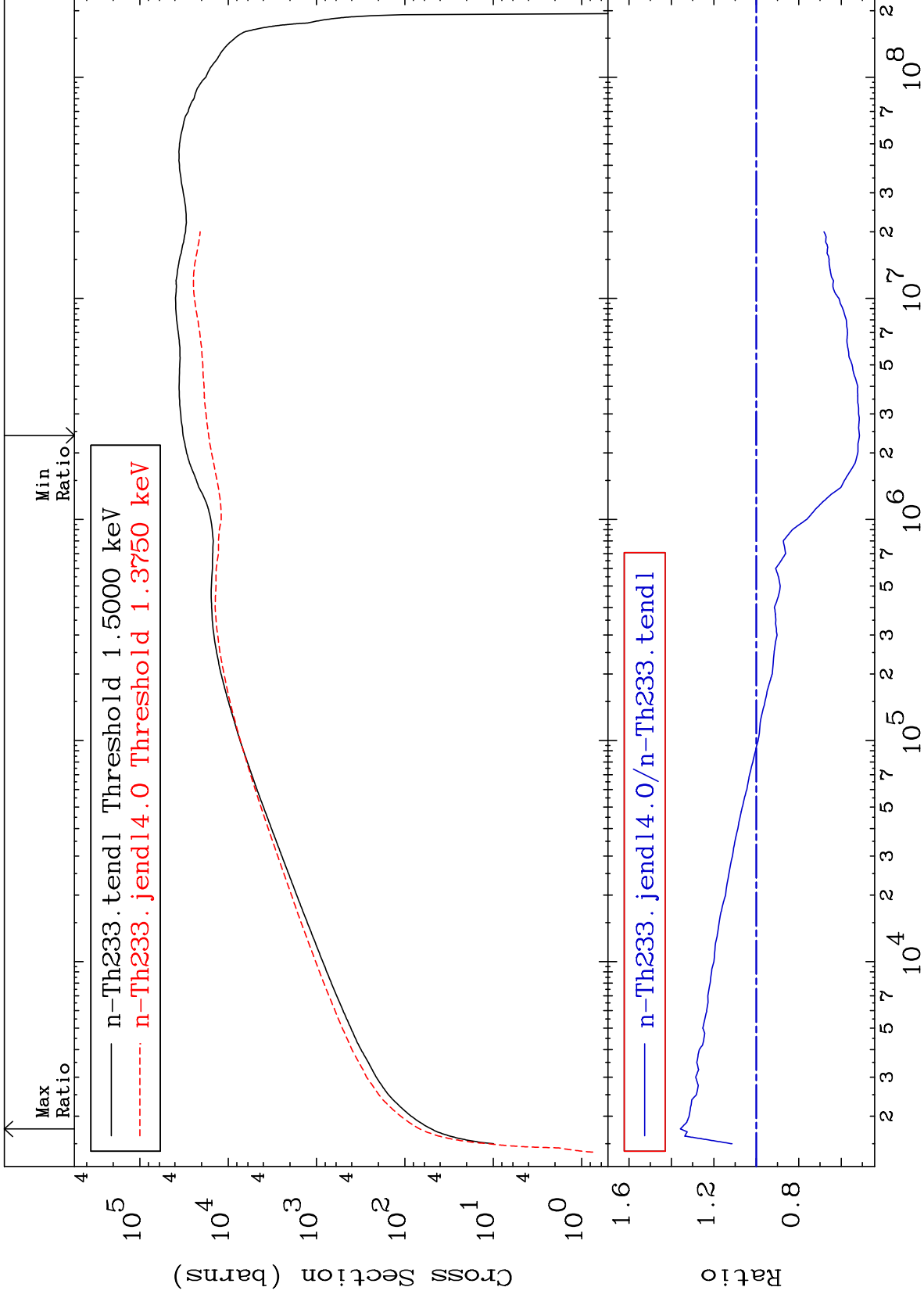
90-Th-233
-43.20 To 3152. %



MAT 9043

Dpa elastic (mt2)
Cross Section

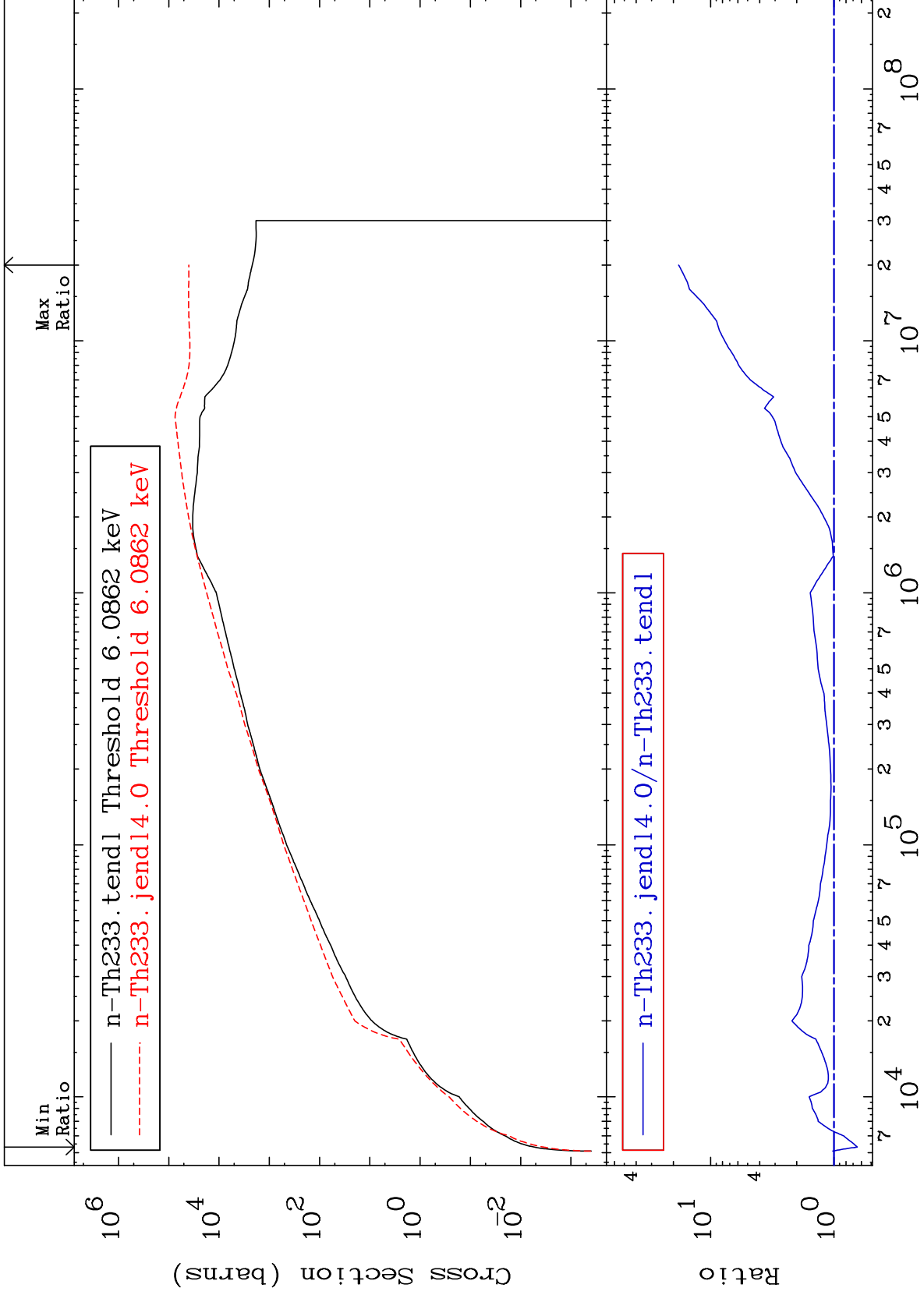
90-Th-233
-48.59 To 35.78 %



MAT 9043

Dpa inelastic (mt51-91)
Cross Section

90-Th-233
-35.22 To 1713. %



MAT 9043

Dpa disappearance (mt102 -120)
Cross Section

90-Th-233
-99.99 To 831.4 %

