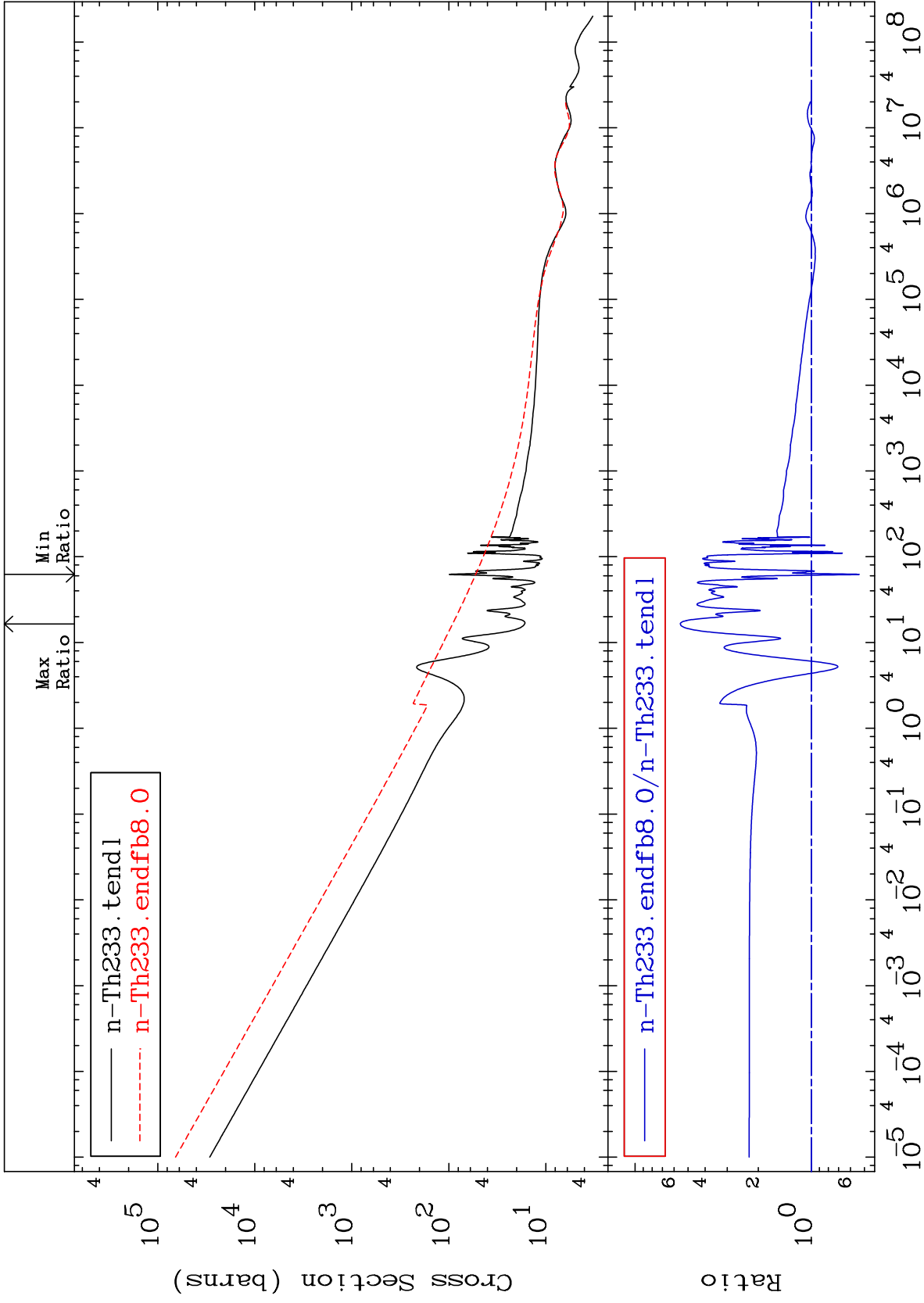


MAT 9043

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



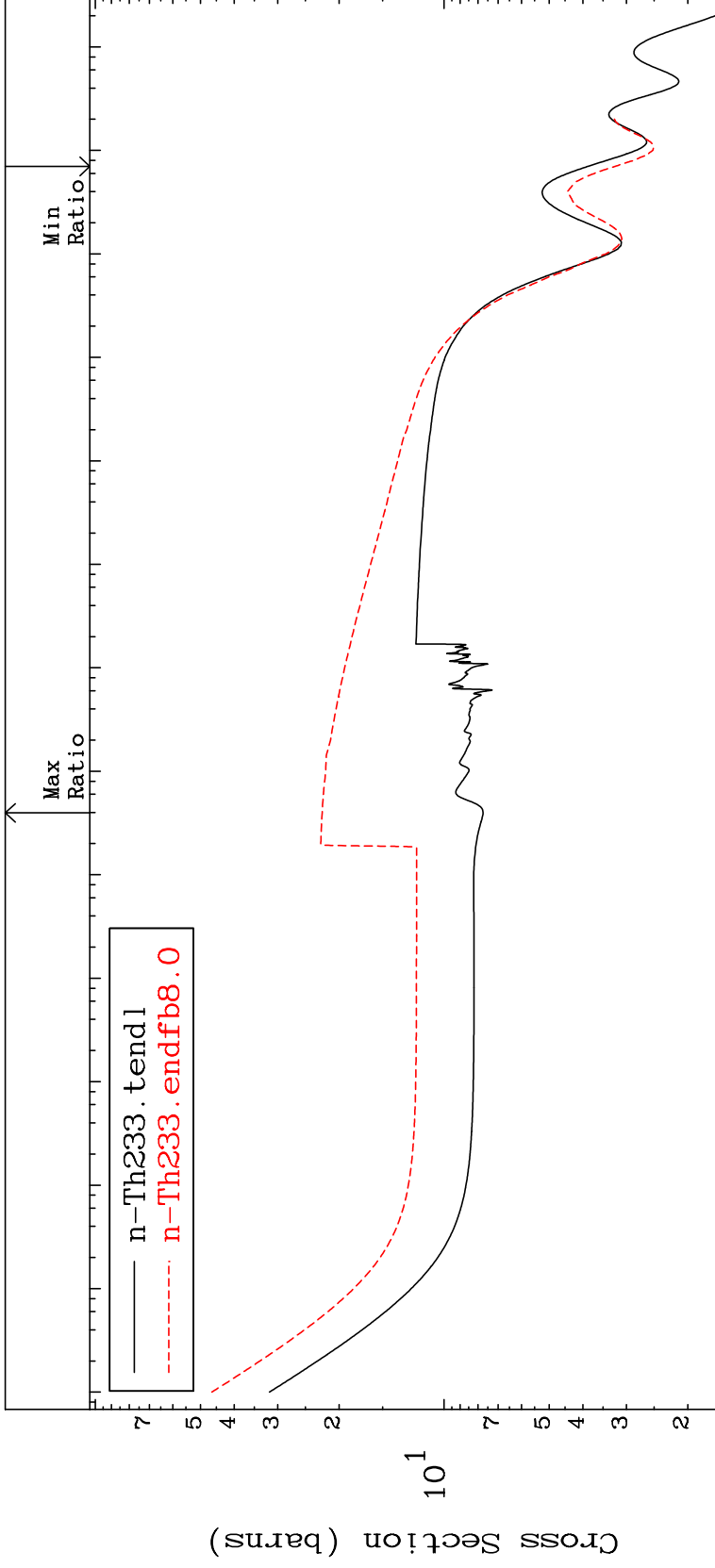
MAT 9043

Elastic

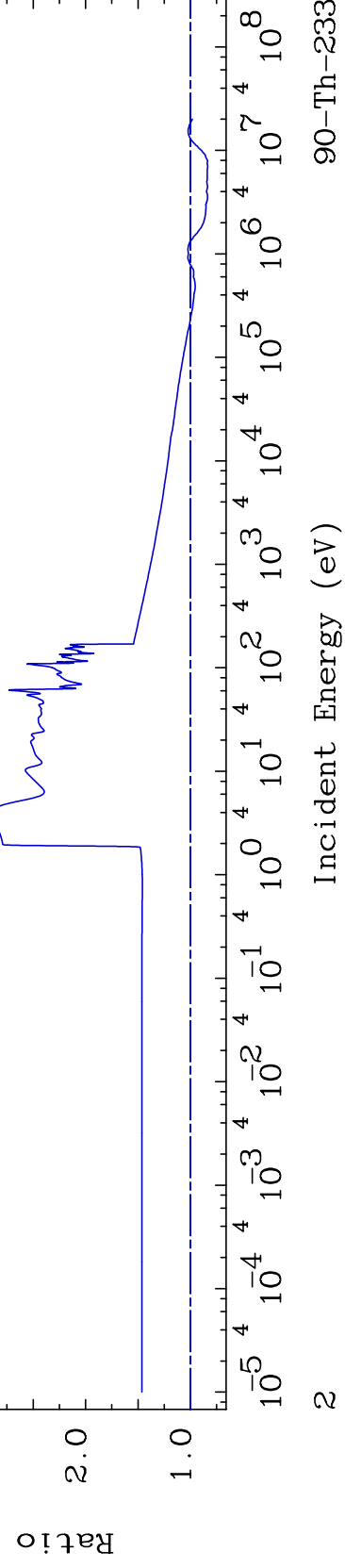
90-Th-233

Cross Section

-16.56 To 189.4 %



n-Th233.endfb8.0/n-Th233.tendl



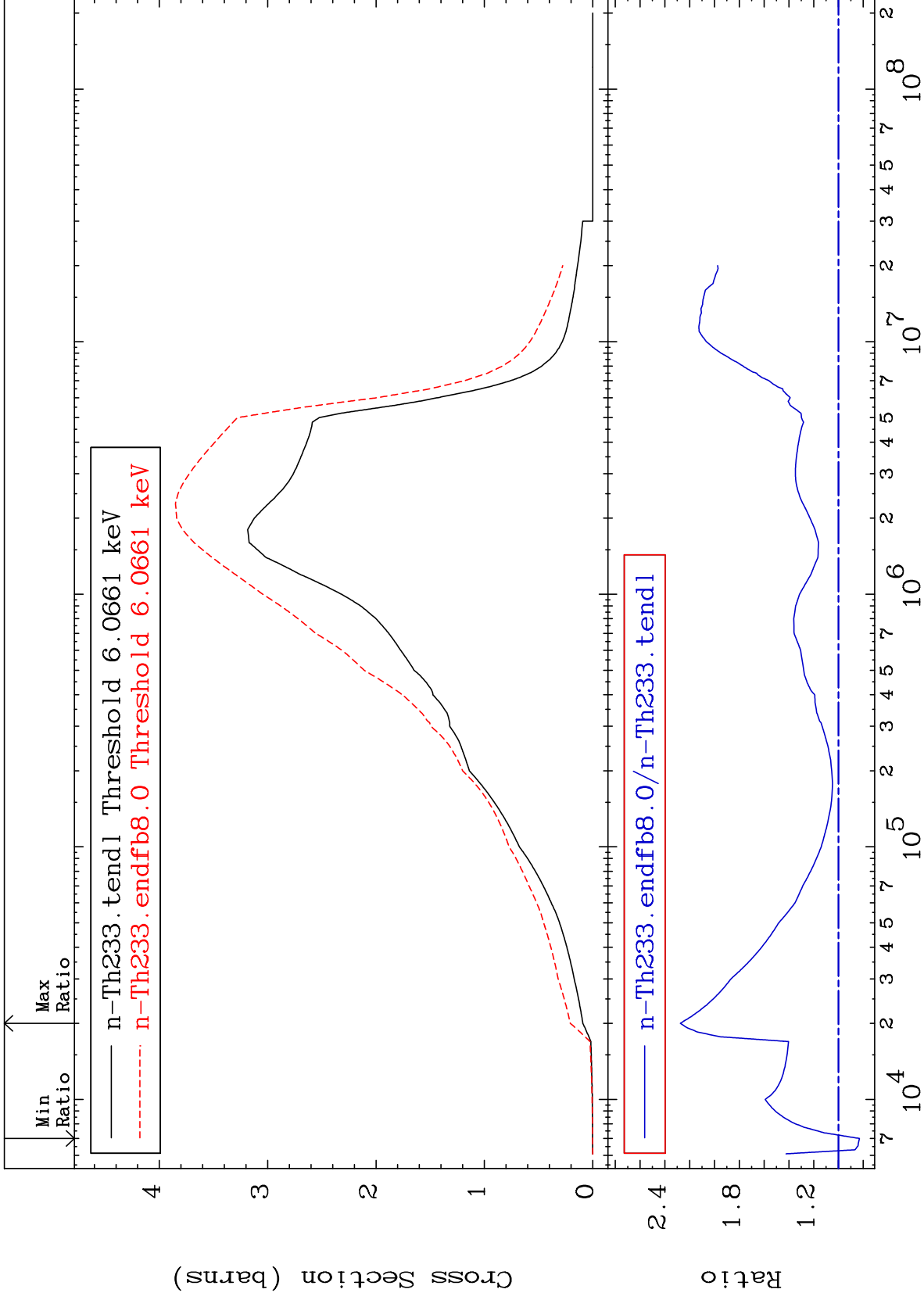
Incident Energy (eV)

90-Th-233

MAT 9043

Inelastic  
Cross Section

90-Th-233  
-16.91 To 127.5 %



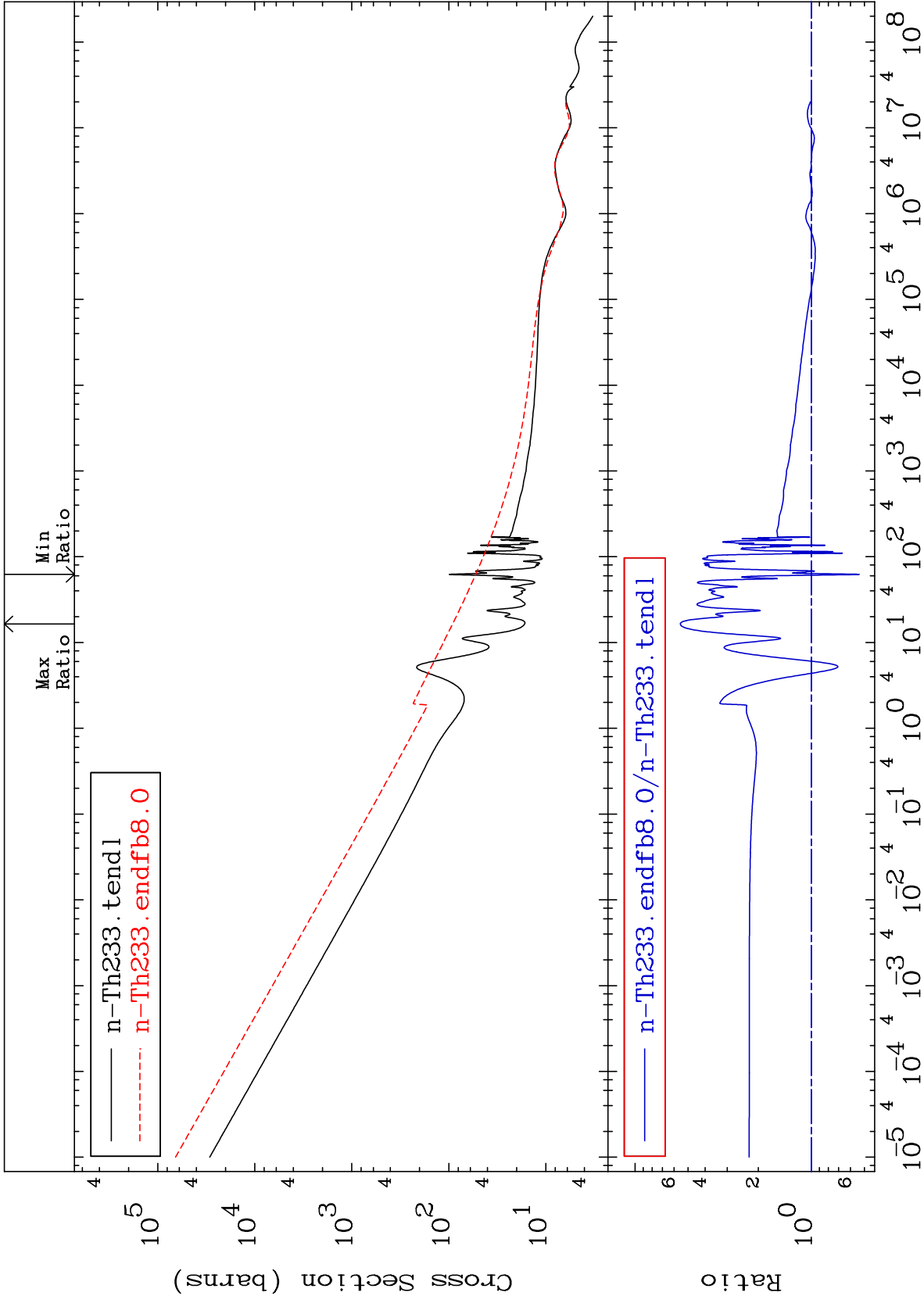
3

90-Th-233

MAT 9043

Total  
Cross Section

90-Th-233  
-46.64 To 453.3 %



Incident Energy (eV)

90-Th-233

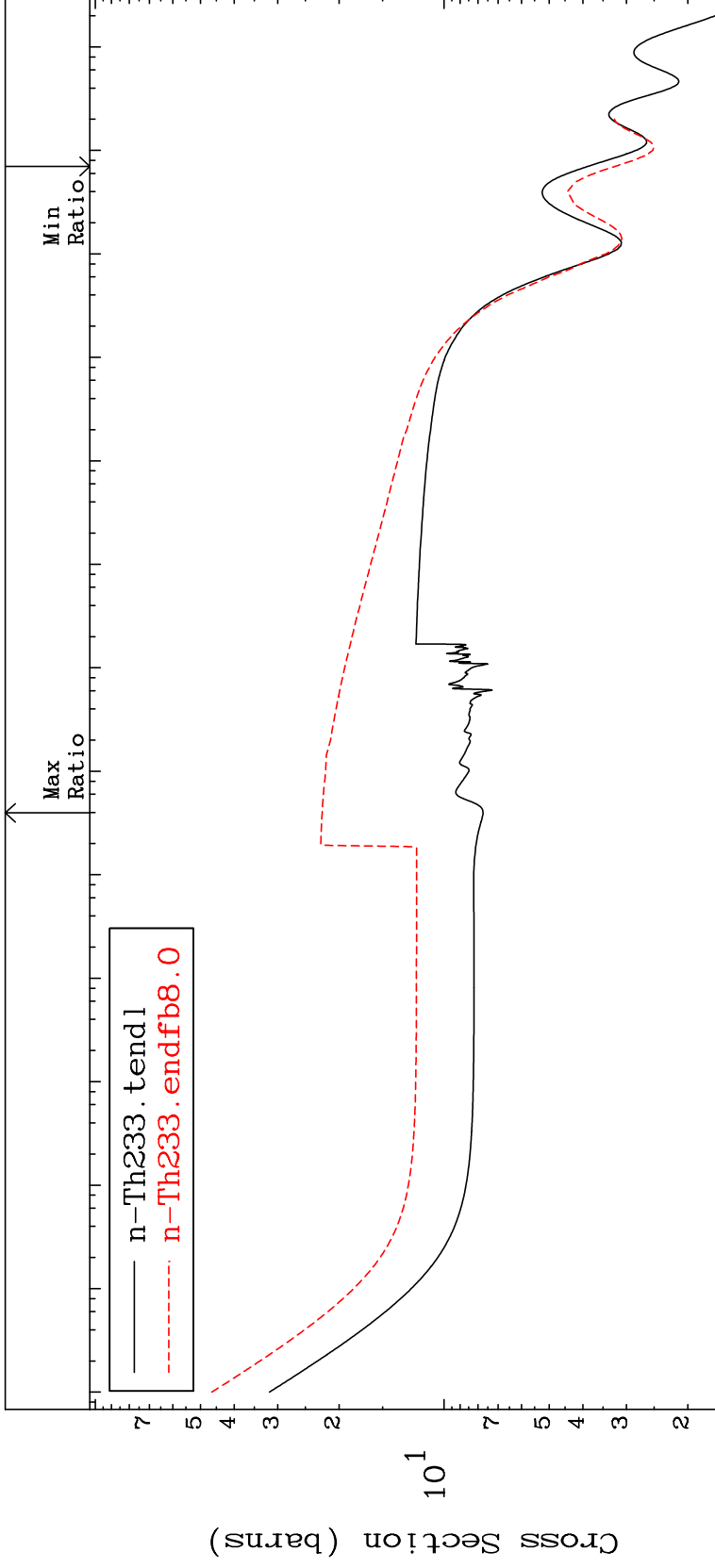
MAT 9043

Elastic

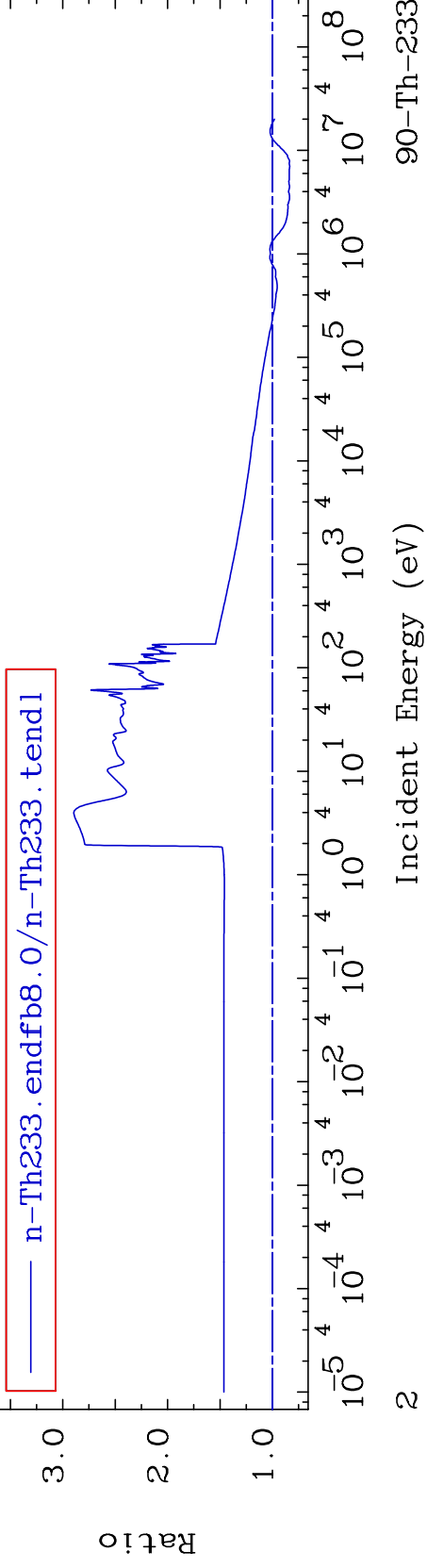
90-Th-233

Cross Section

-16.56 To 189.4 %



n-Th233.endfb8.0/n-Th233.tendl



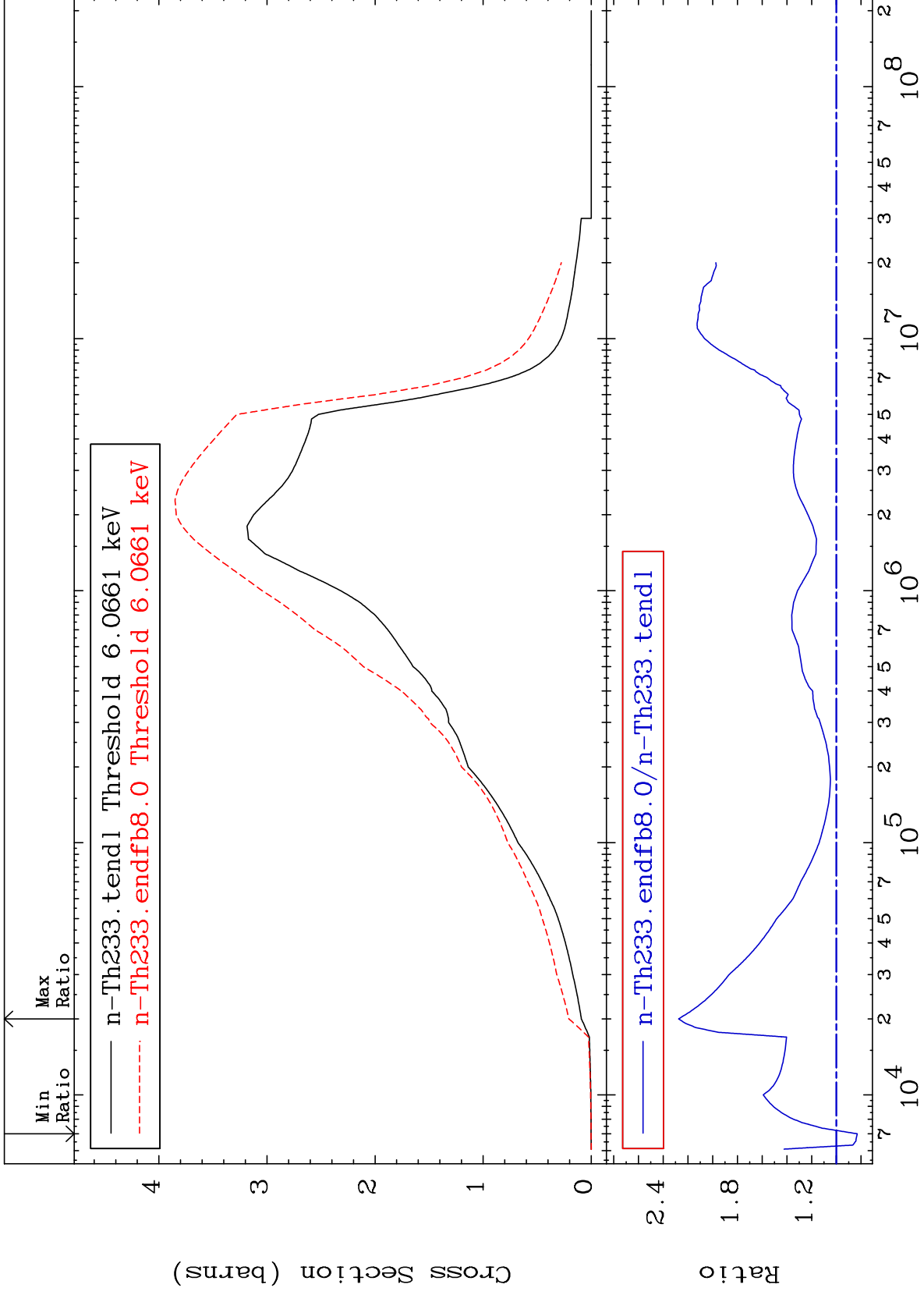
Incident Energy (eV)

90-Th-233

MAT 9043

Inelastic  
Cross Section

90-Th-233  
-16.91 To 127.5 %

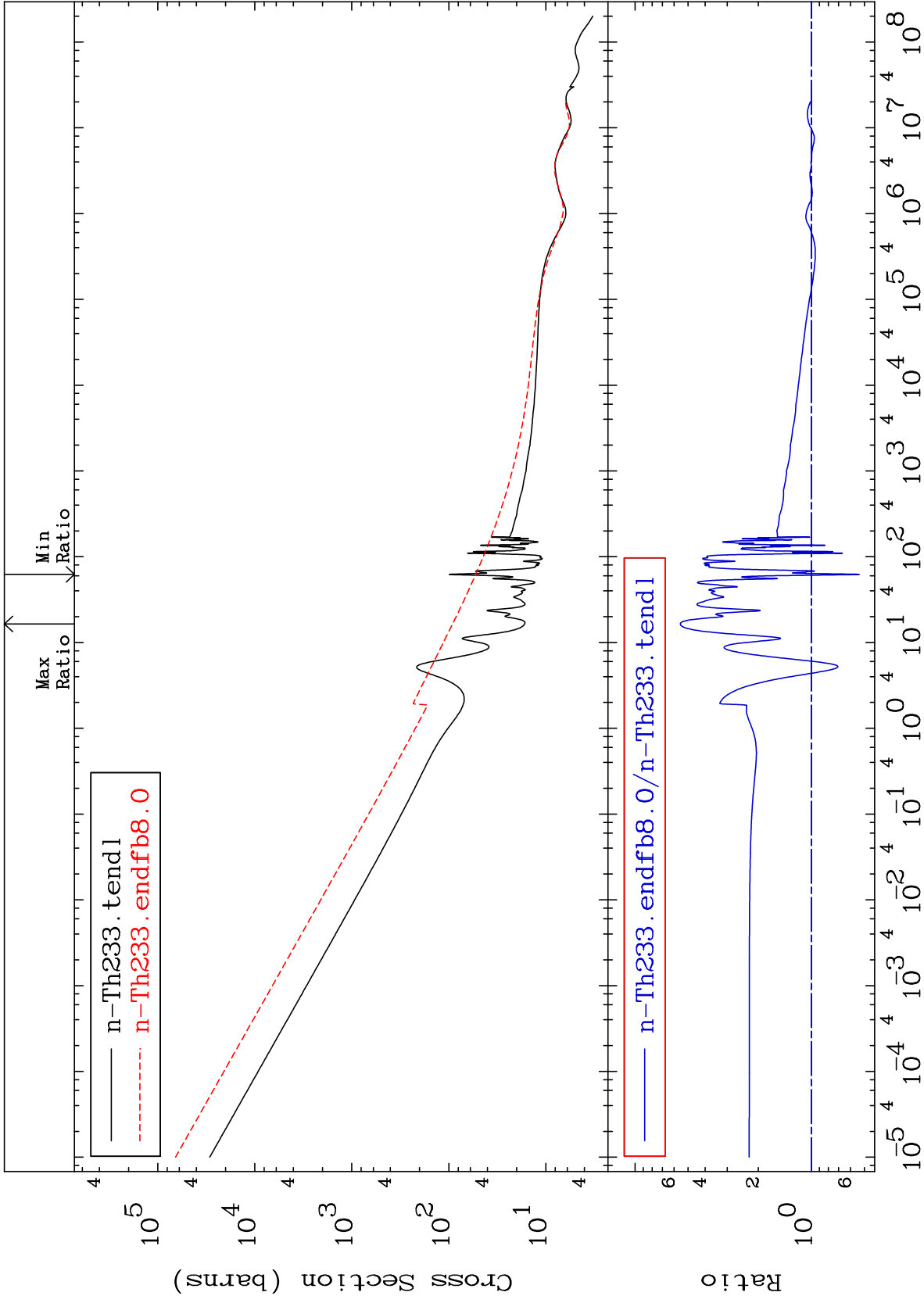


3

90-Th-233

MAT 9043

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



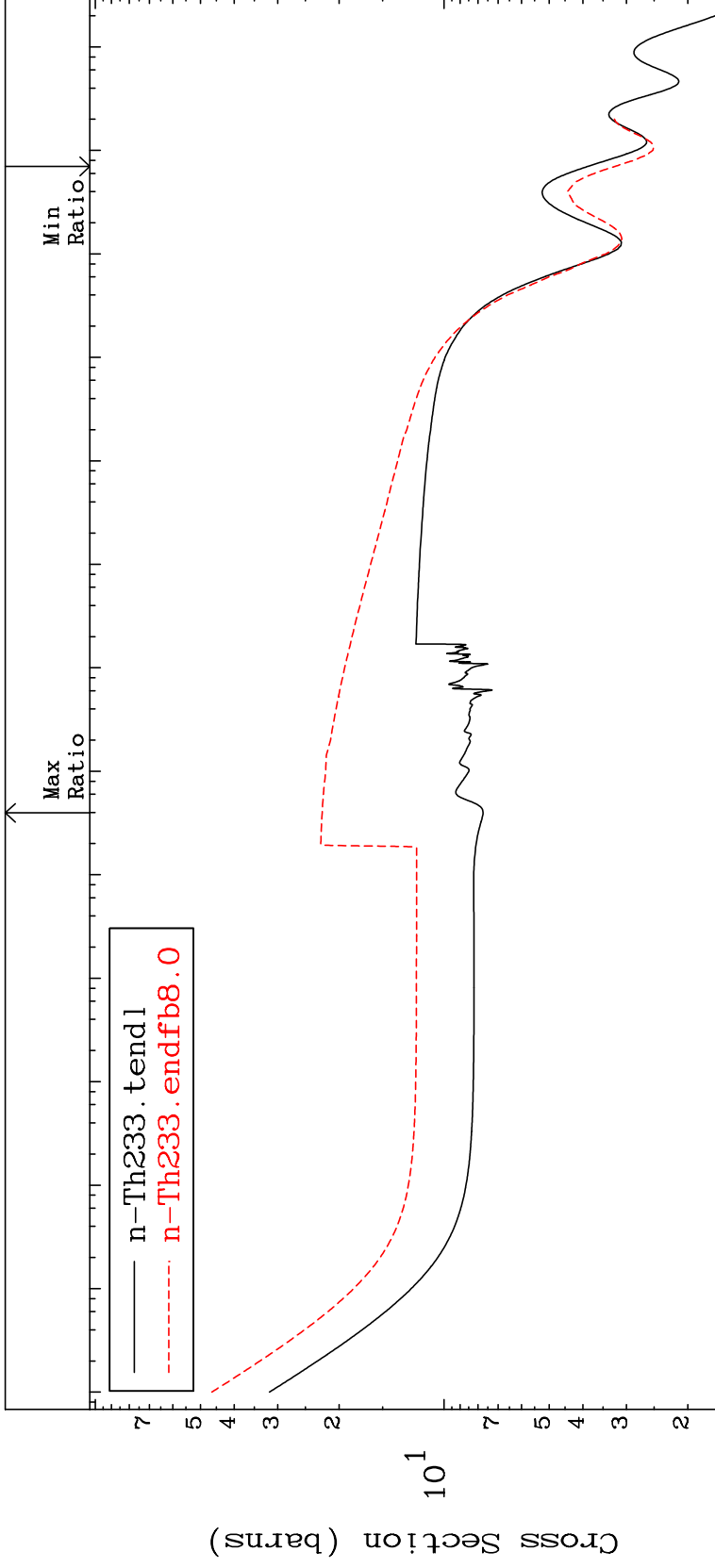
MAT 9043

Elastic

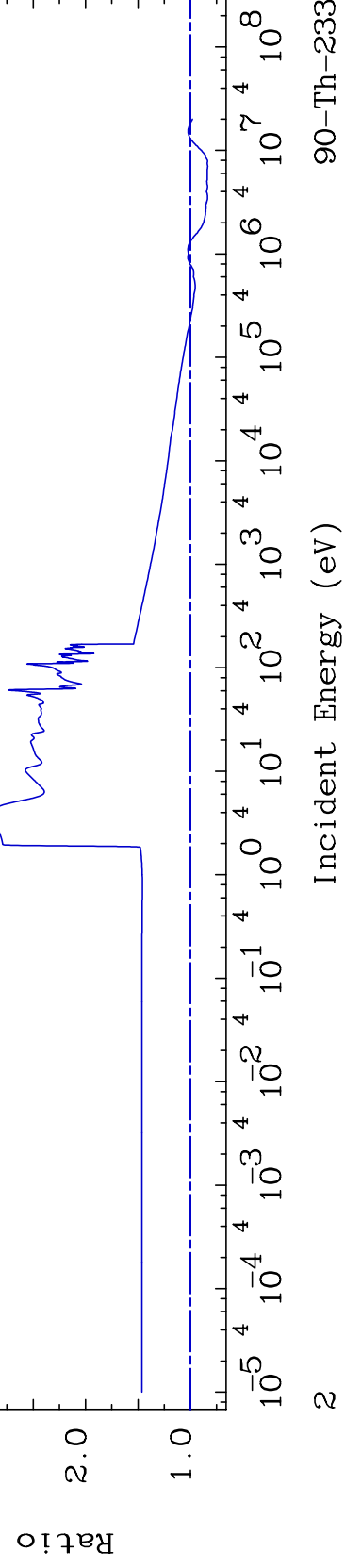
90-Th-233

Cross Section

-16.56 To 189.4 %



n-Th233.endfb8.0/n-Th233.tendl



Incident Energy (eV)

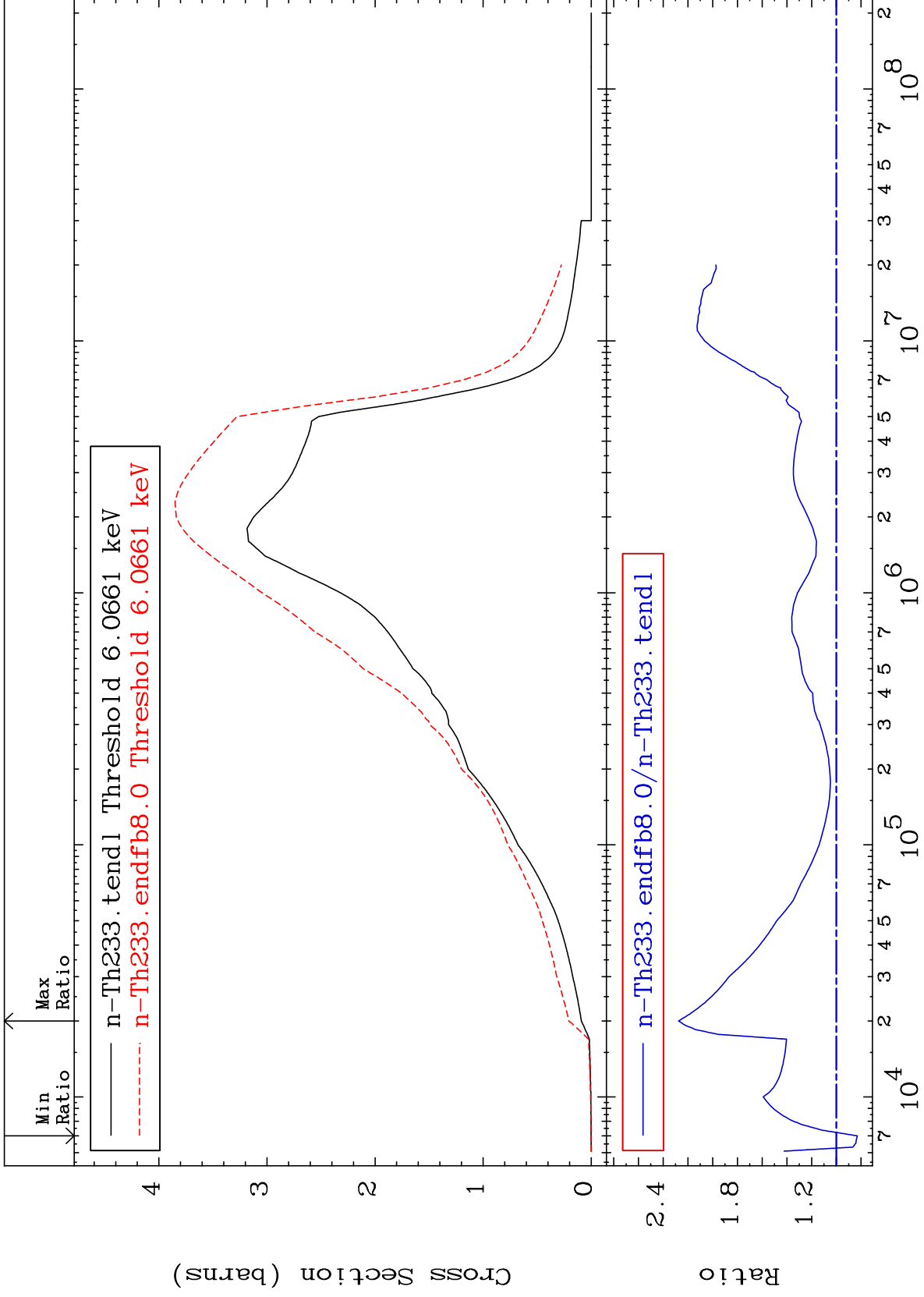
90-Th-233



MAT 9043

Inelastic  
Cross Section

90-Th-233  
-16.91 To 127.5 %



3

90-Th-233

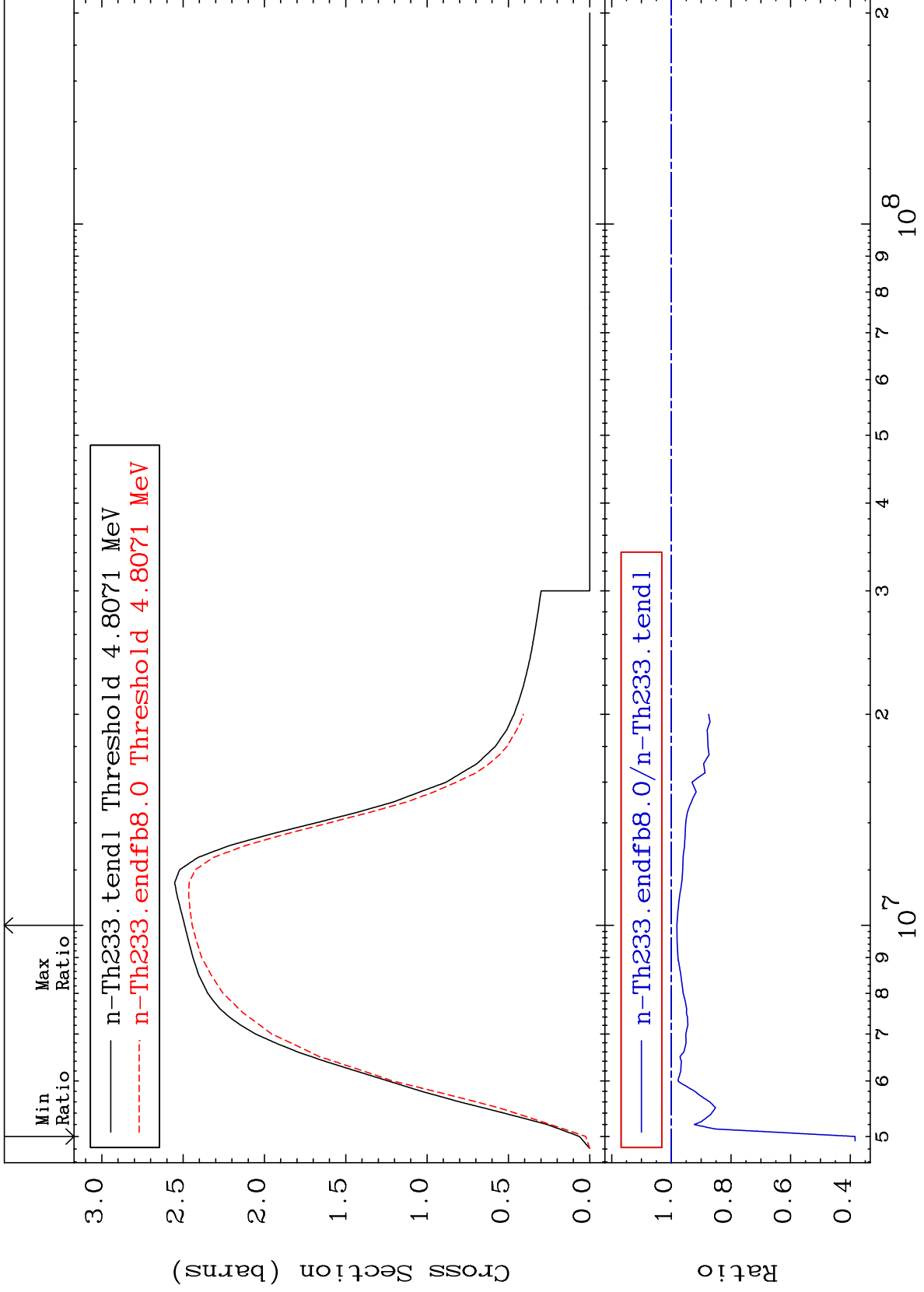
MAT 9043

(n,2n)

90-Th-233

Cross Section

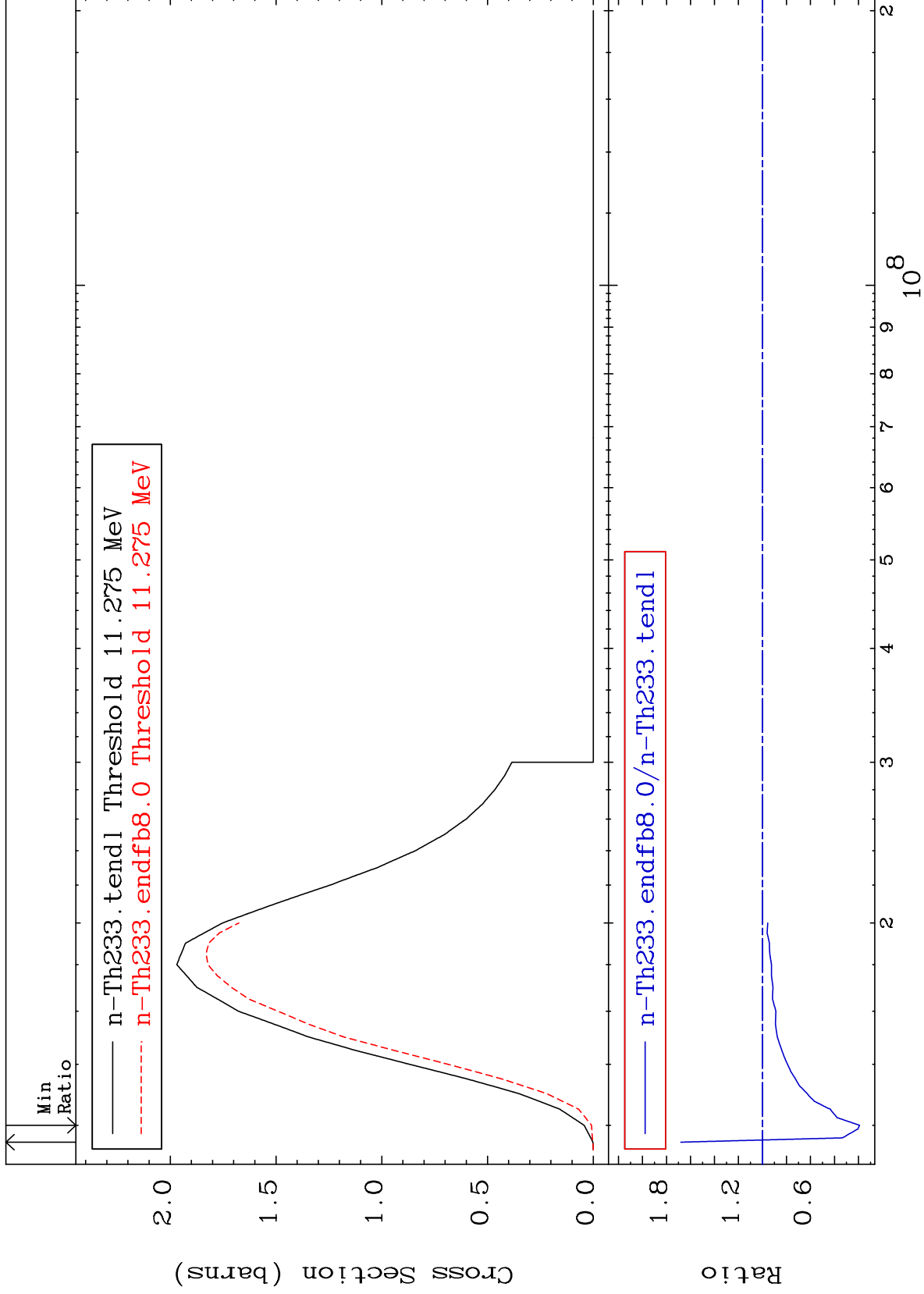
-61.59 To -1.880%



MAT 9043

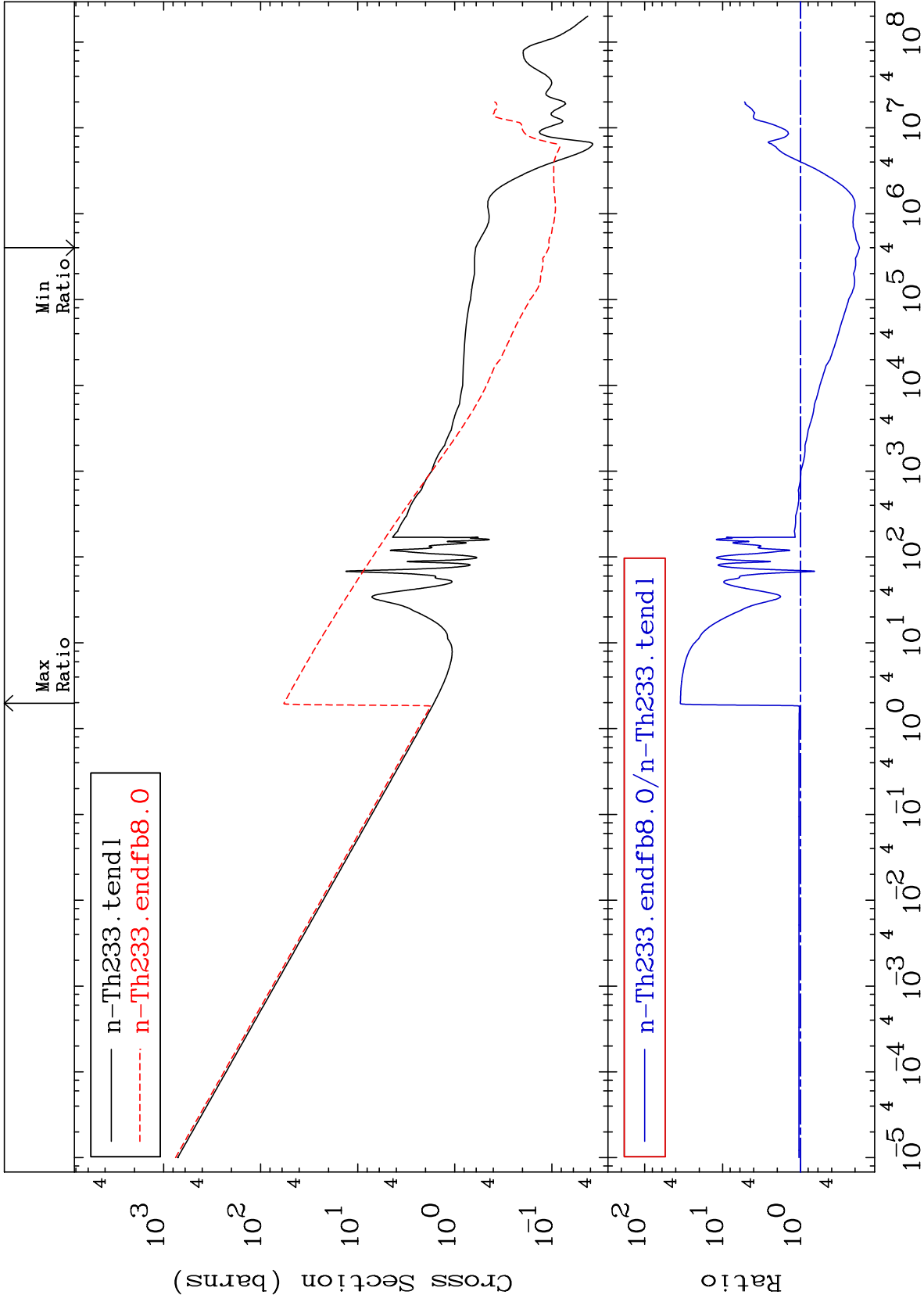
(n,3n)  
Cross Section

90-Th-233  
-80.88 To 68.09 %



MAT 9043

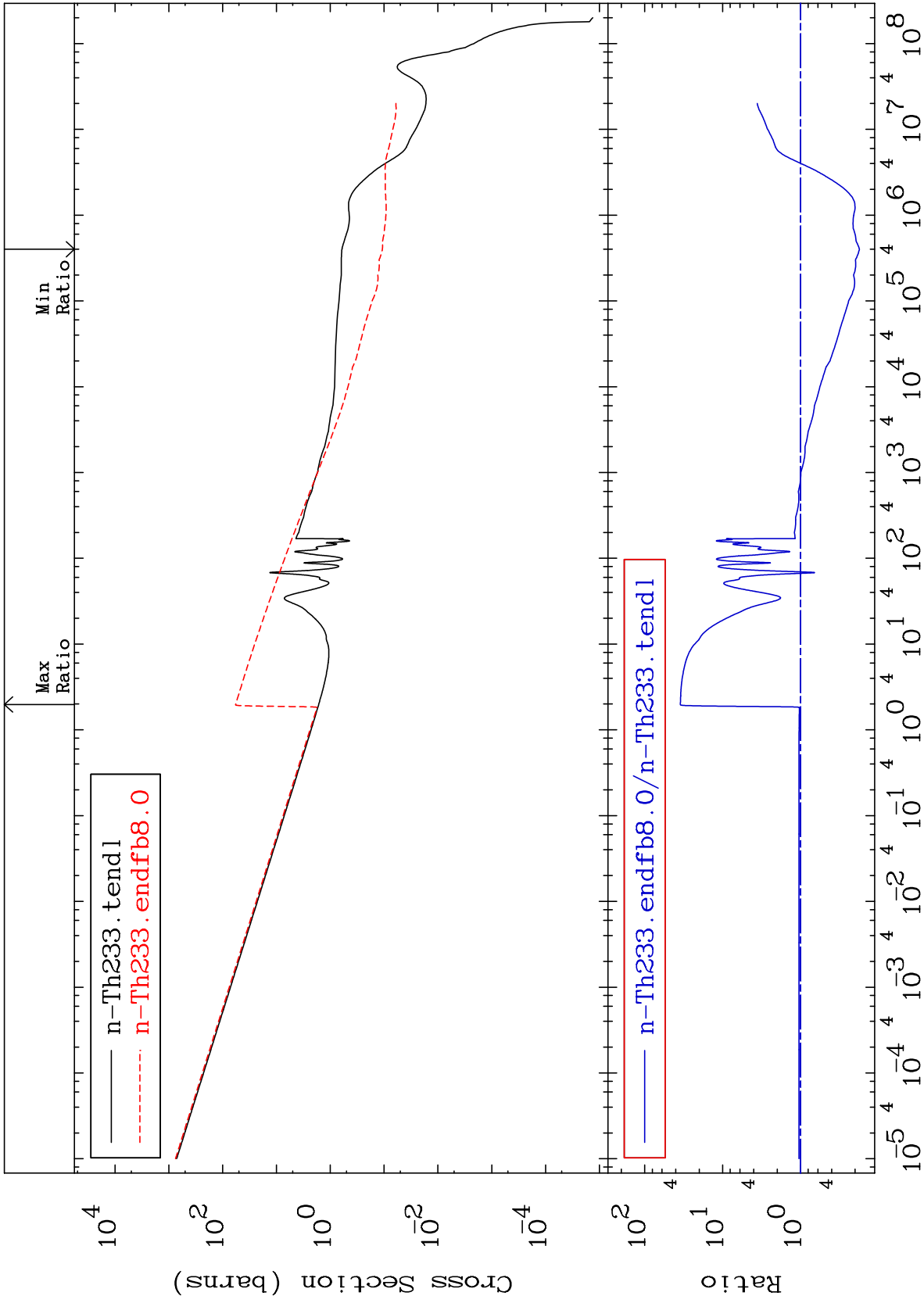
Fission Cross Section -82.39 To 3393. %



MAT 9043

(n,f) First Chance  
Cross Section

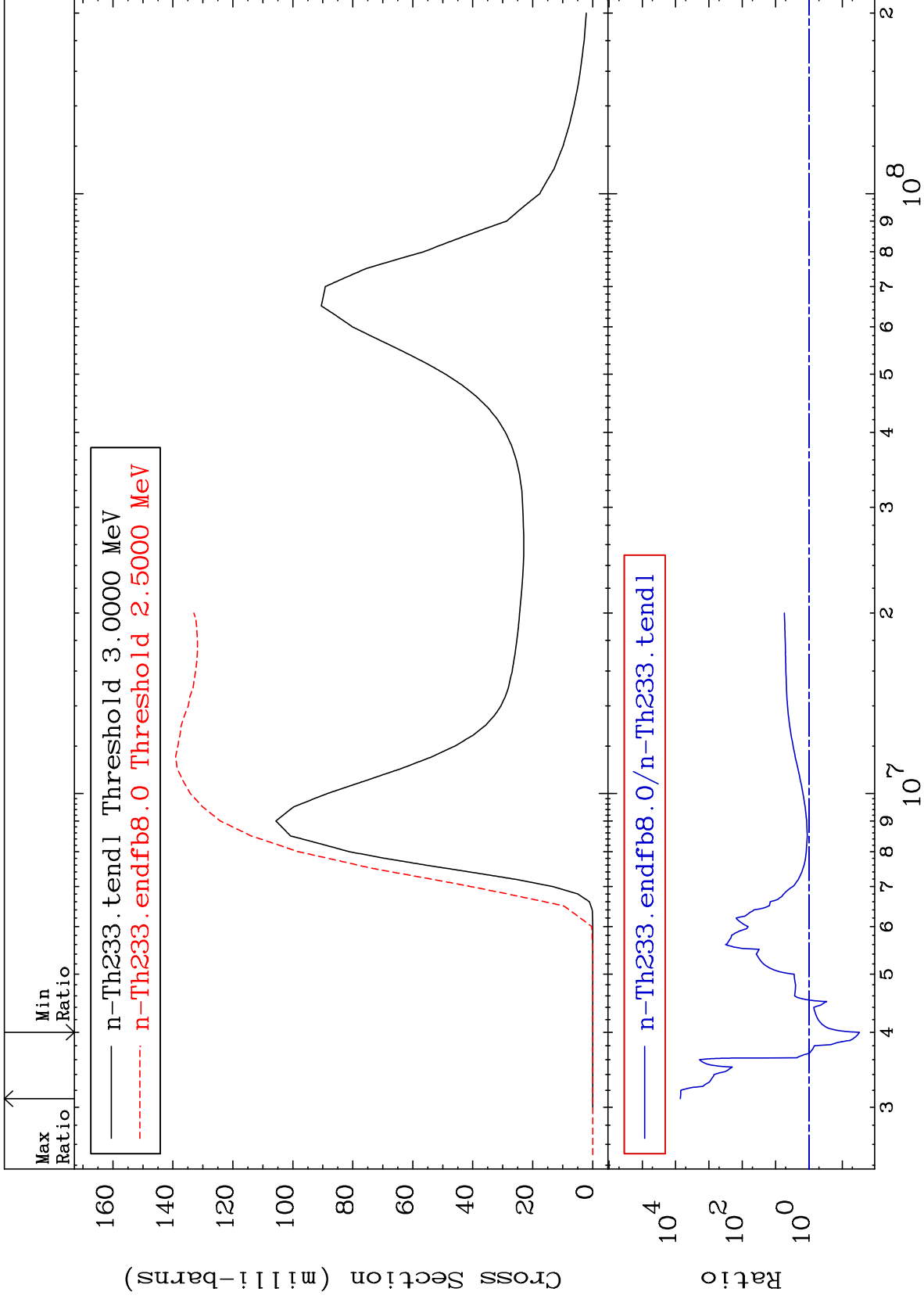
90-Th-233  
-82.39 To 3393. %



7

Incident Energy (eV)

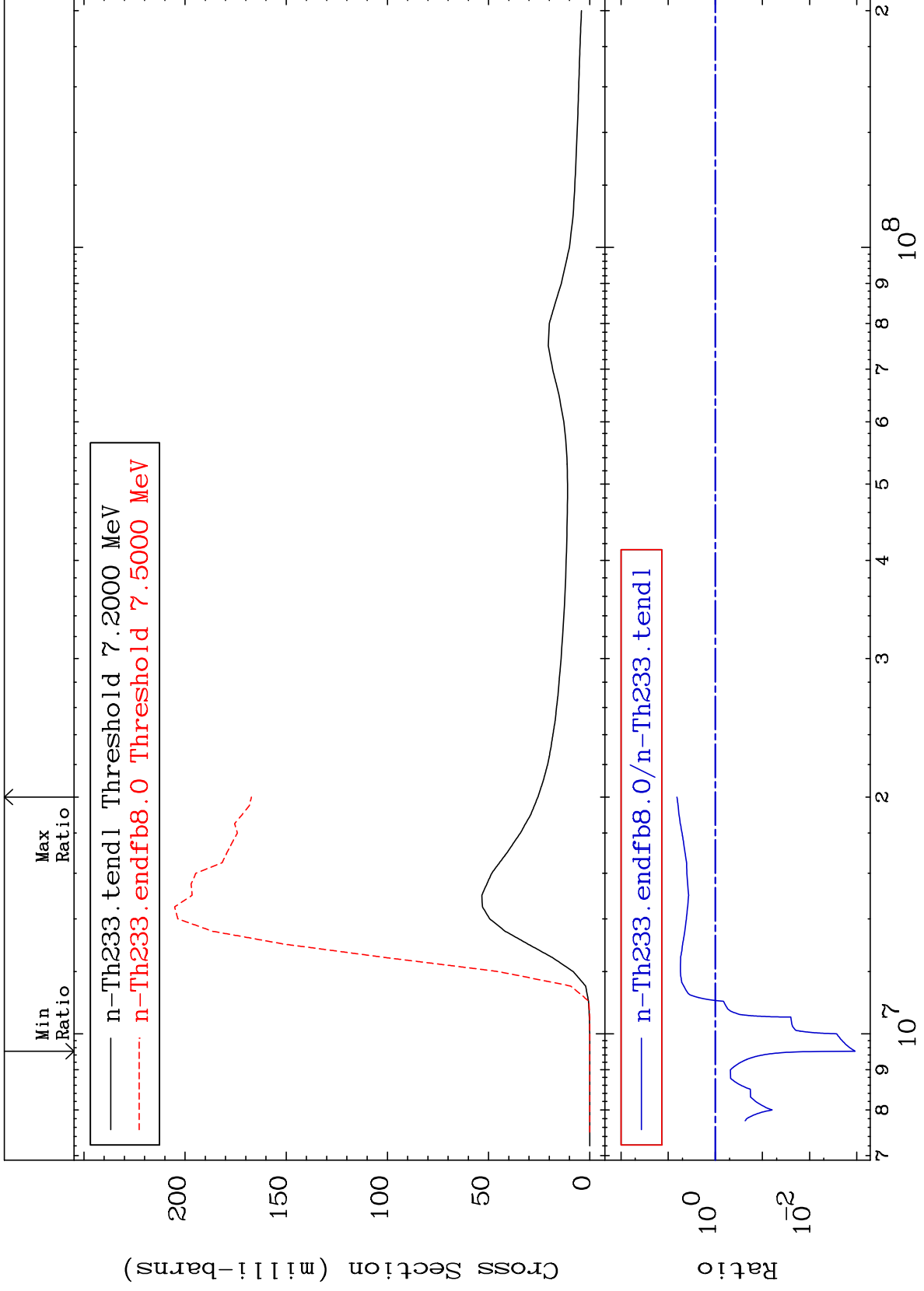
90-Th-233



MAT 9043

(n,2nf) Third Chance  
Cross Section

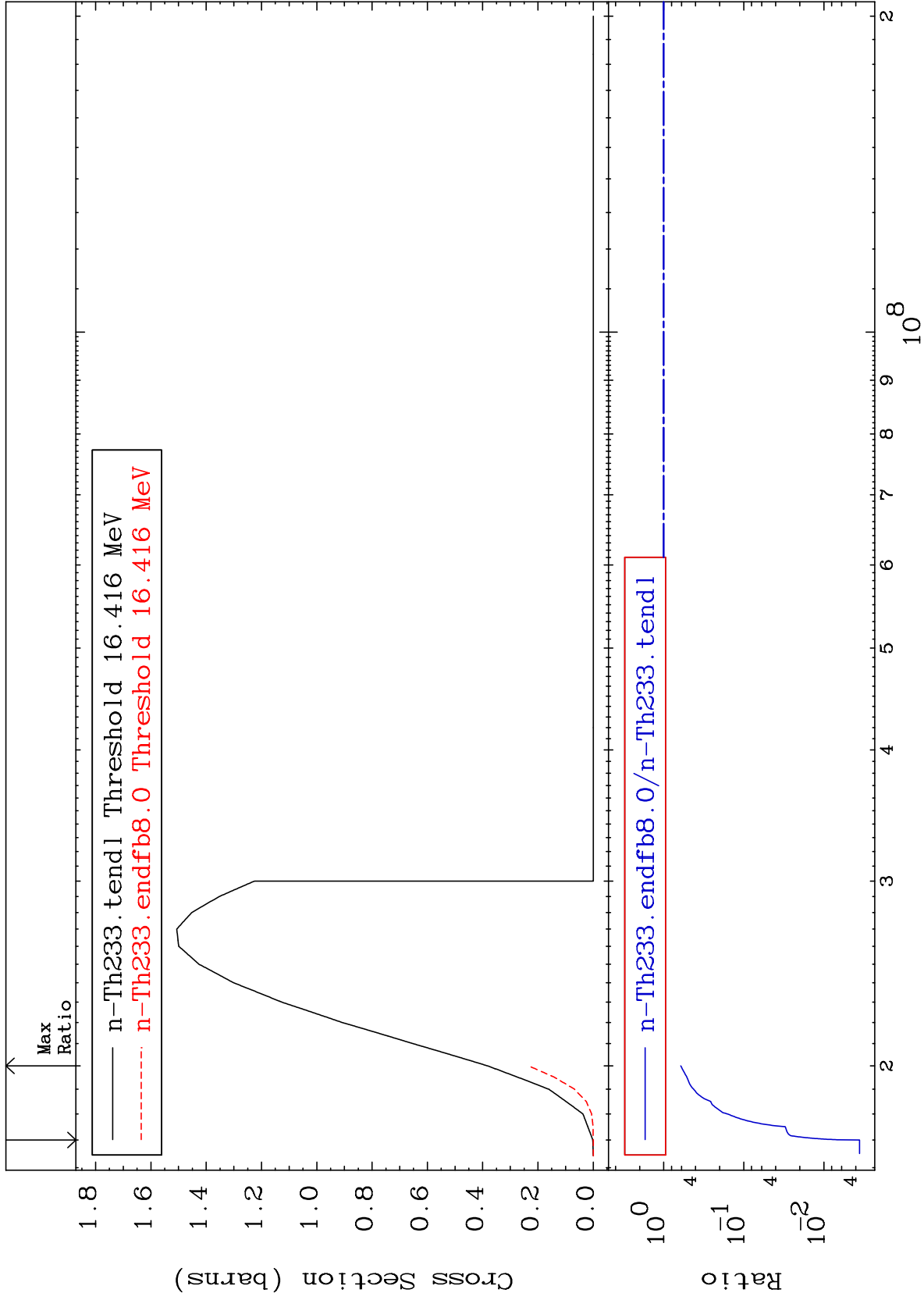
90-Th-233  
-99.89 To 553.2 %



MAT 9043

(n,4n)  
Cross Section

90-Th-233  
-99.64 To -38.72%



10

Incident Energy (eV)

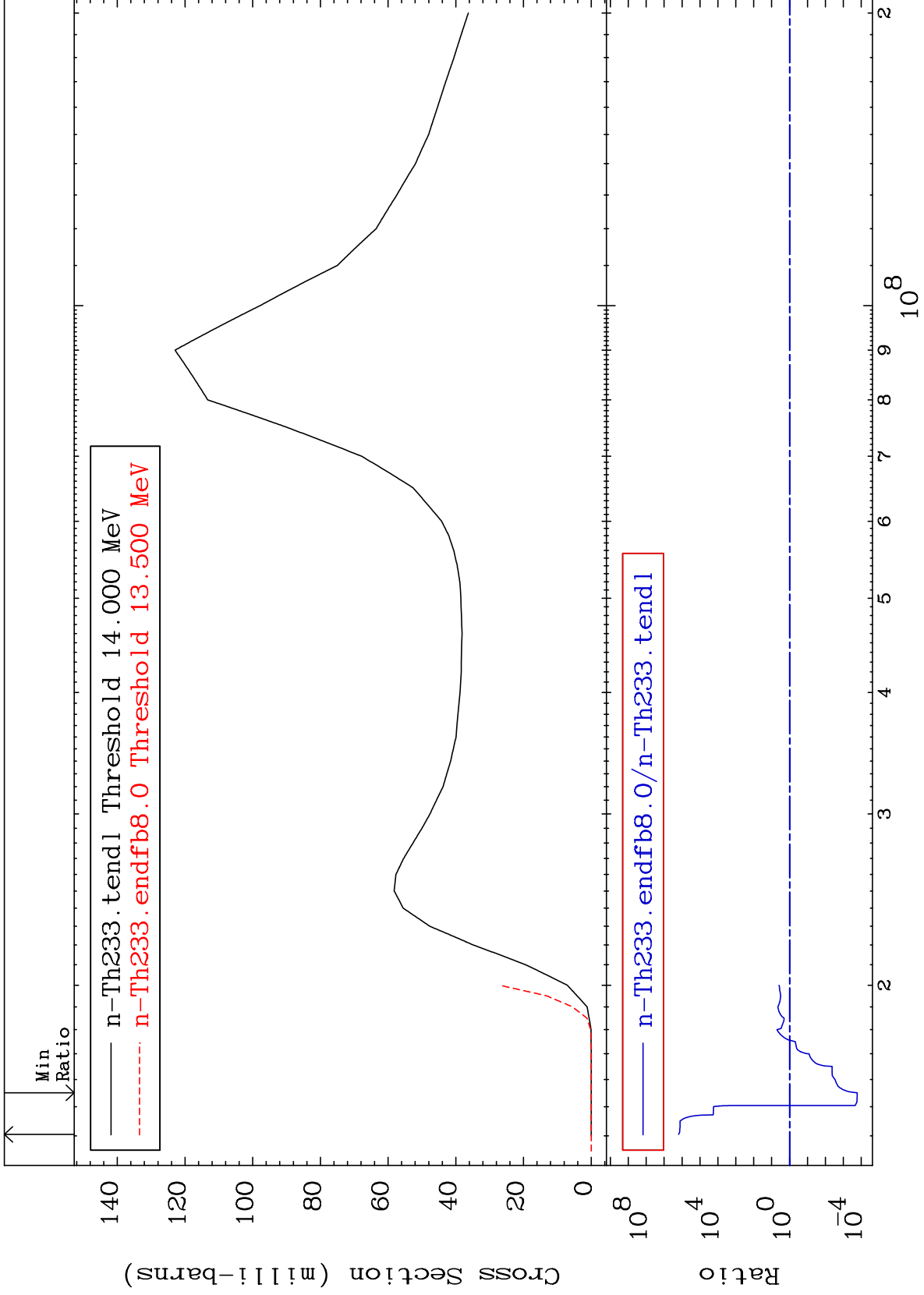
90-Th-233



MAT 9043

(n,3nf) Fourth Chance  
Cross Section

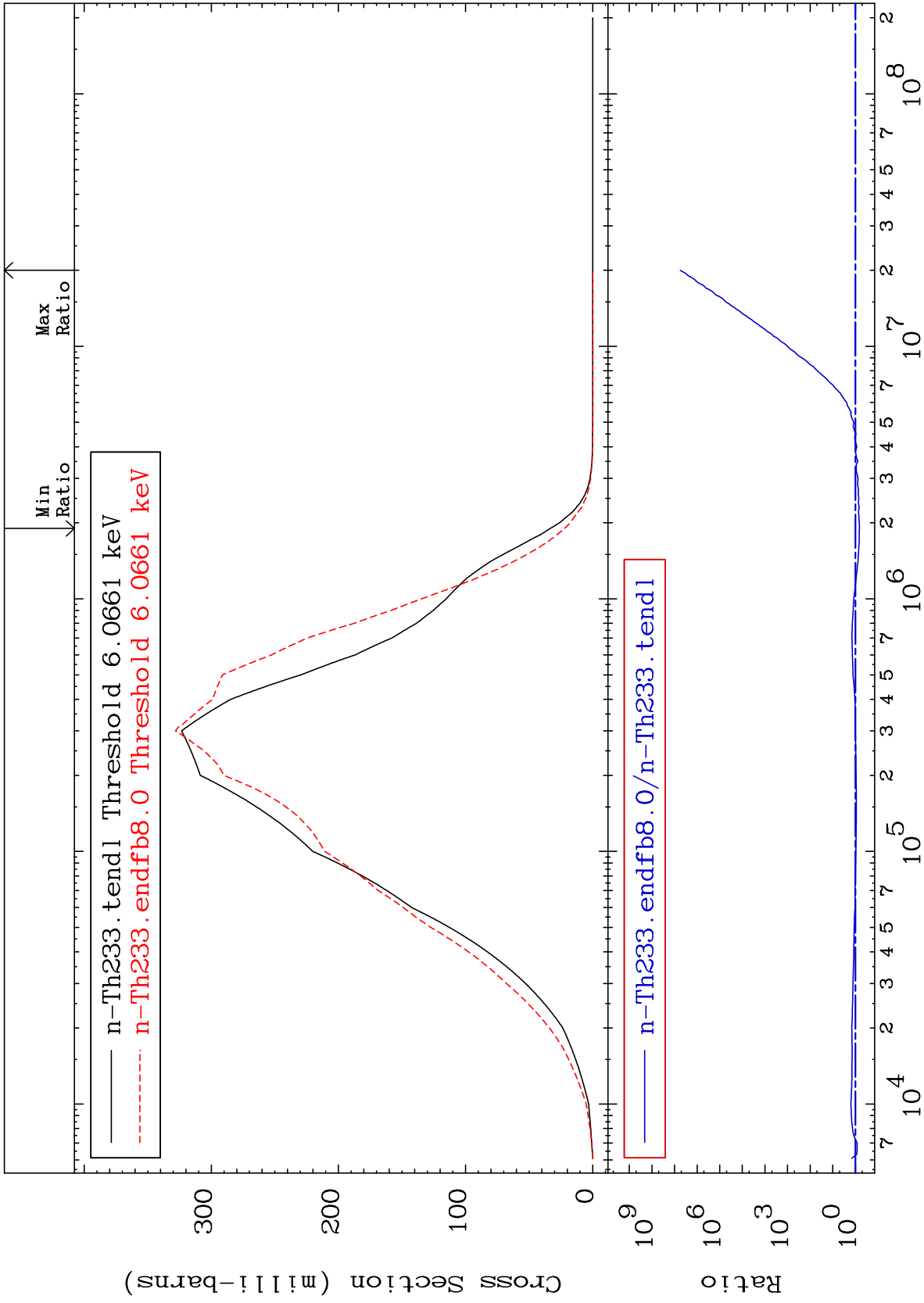
90-Th-233  
-99.98 To 9999. %



MAT 9043

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

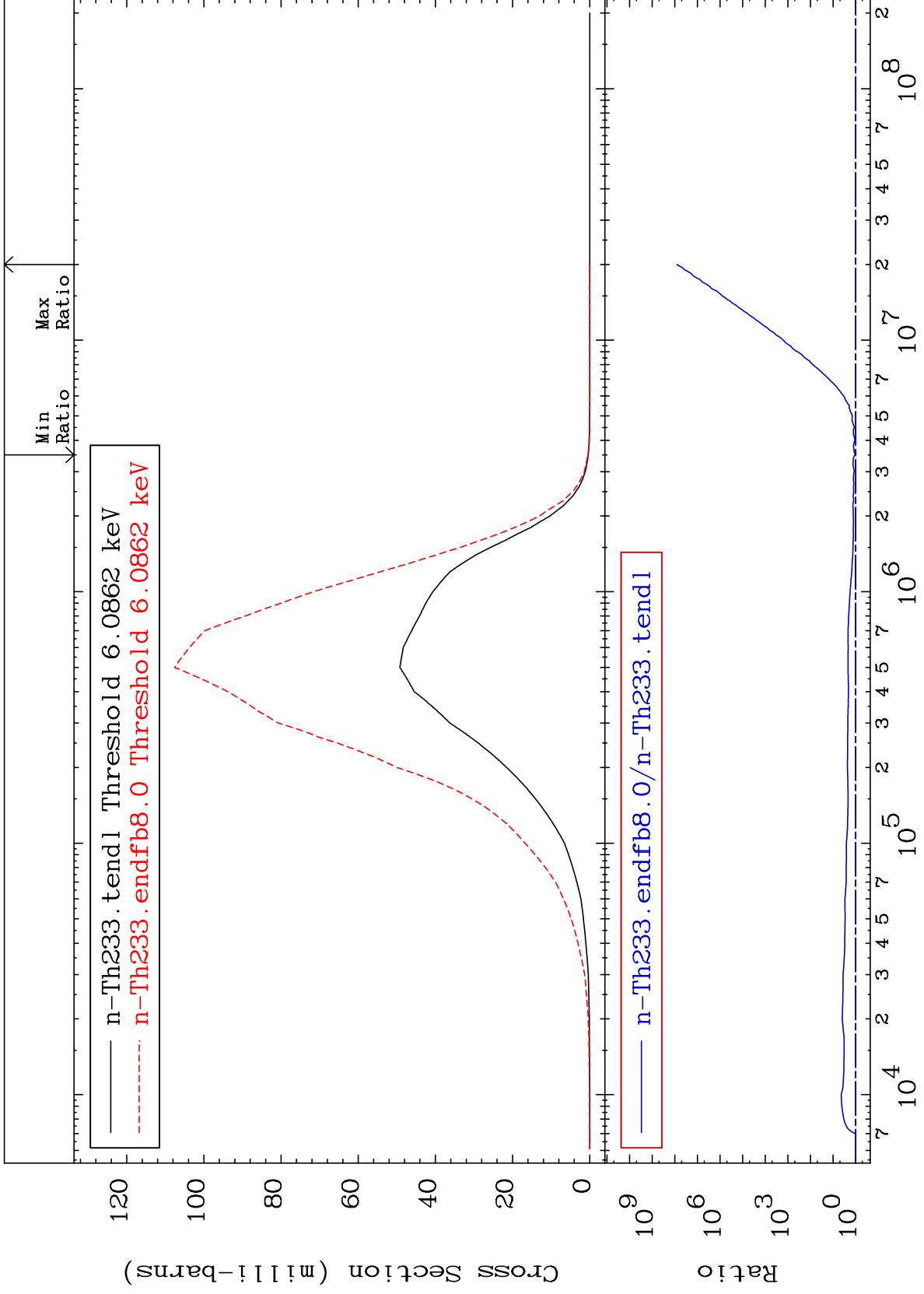
90-Th-233  
-33.66 To 9999. %



MAT 9043

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

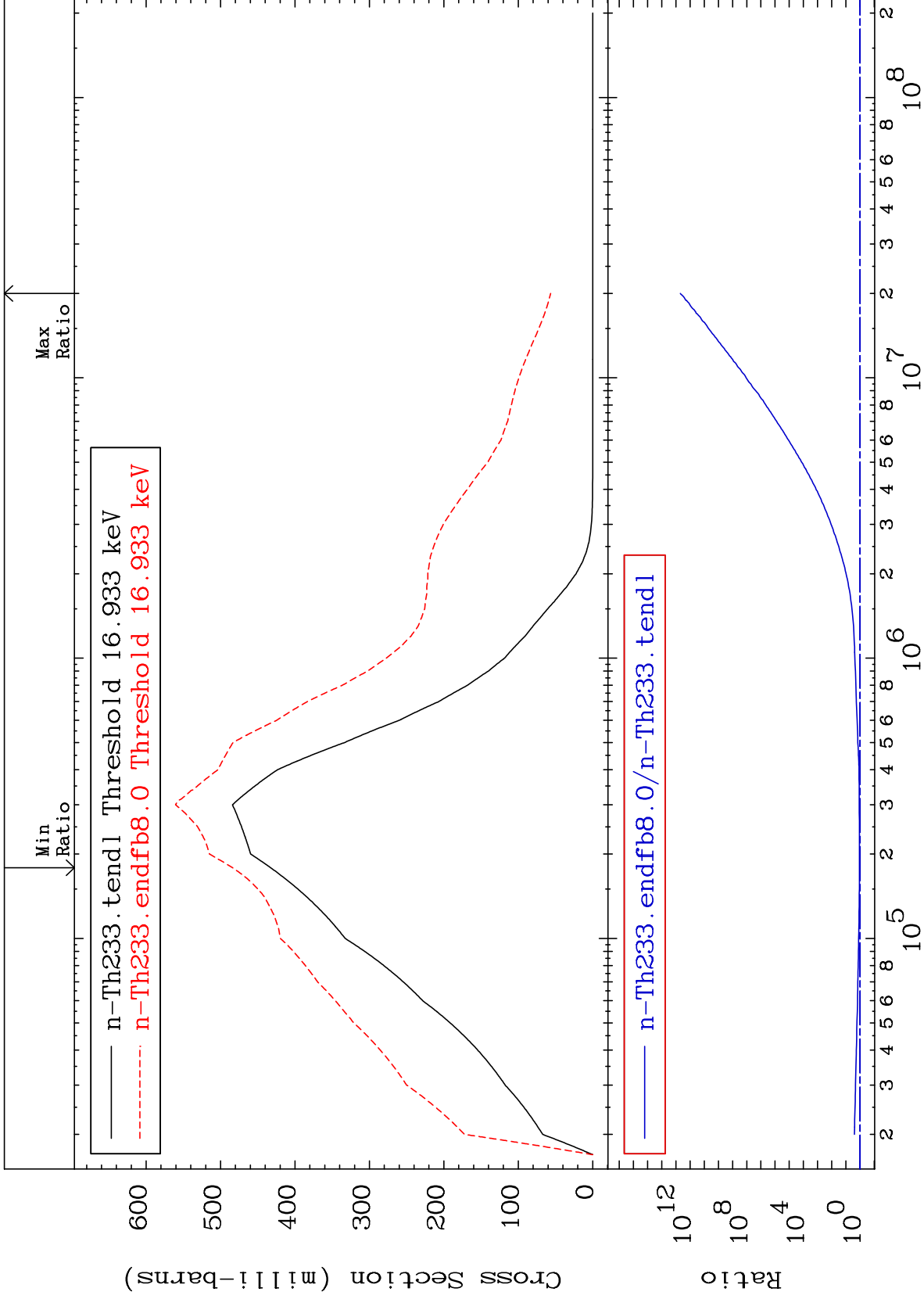
90-Th-233  
To 9999. %  
5.734



MAT 9043

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

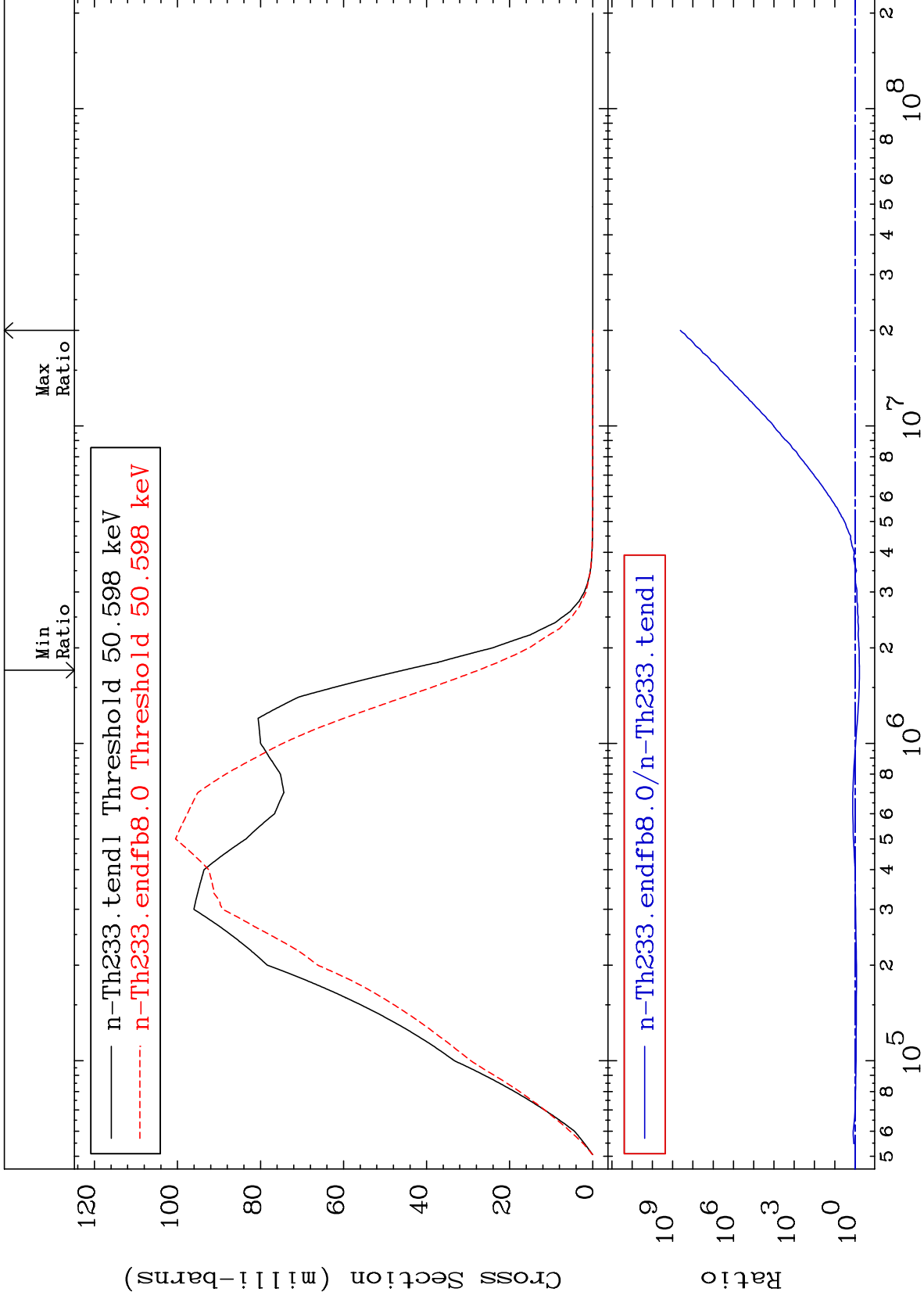
90-Th-233  
To 9999. %  
11.81



MAT 9043

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

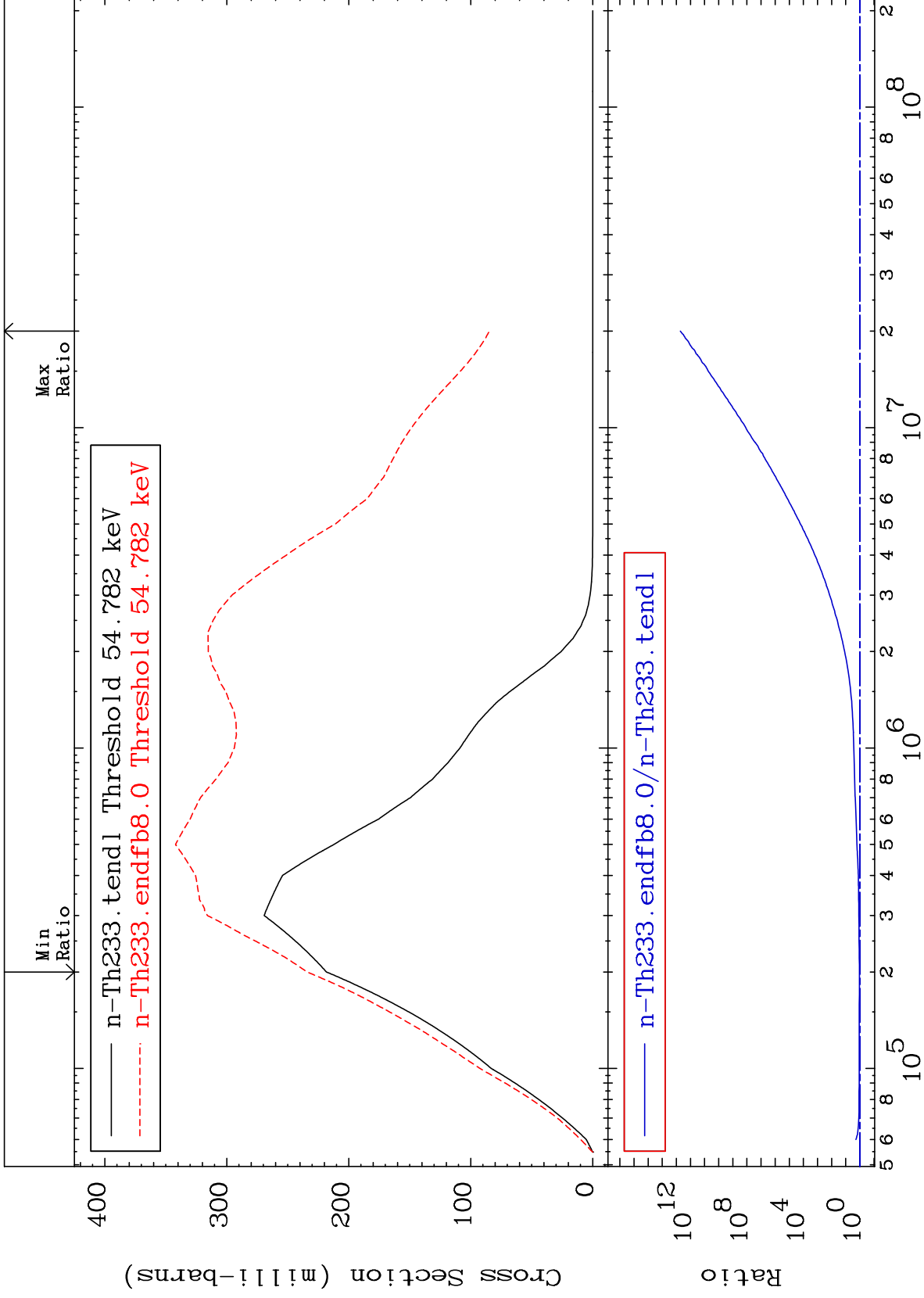
90-Th-233  
-39.68 To 9999. %



MAT 9043

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

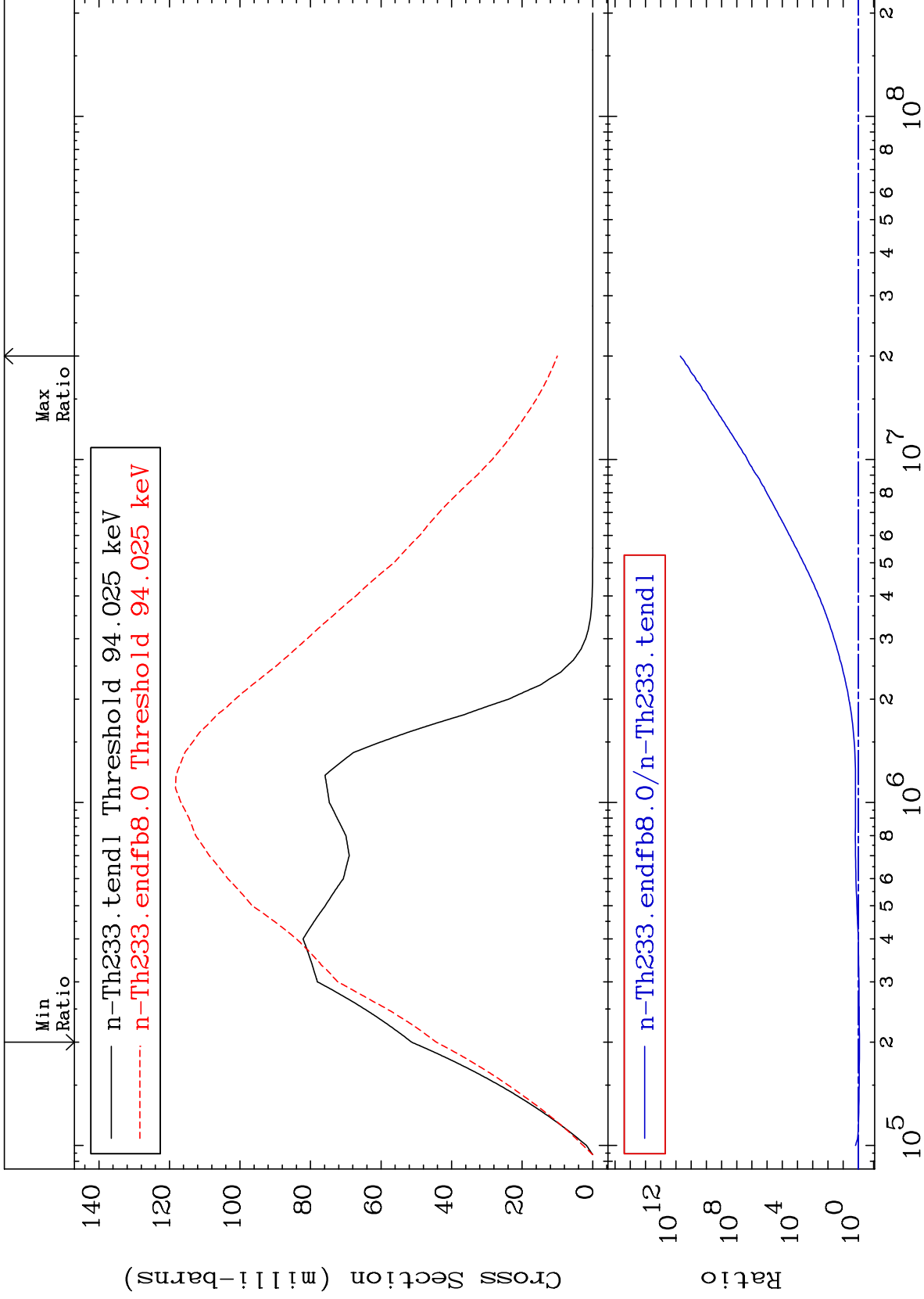
90-Th-233  
7.299 To 9999. %



MAT 9043

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

90-Th-233  
-13.65 To 9999. %



17

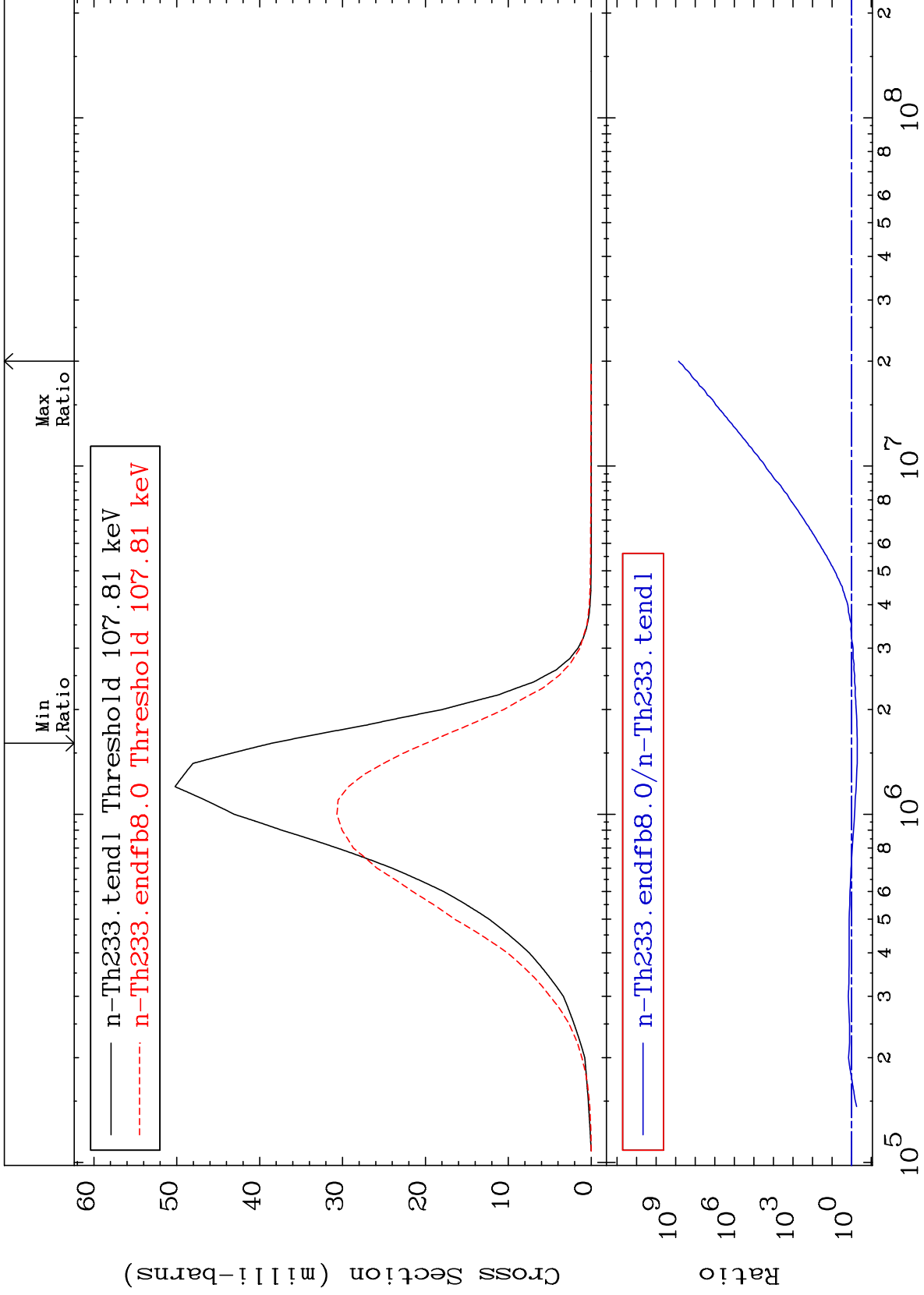
Incident Energy (eV)

90-Th-233

MAT 9043

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

90-Th-233  
-48.31 To 9999. %



18

Incident Energy (eV)

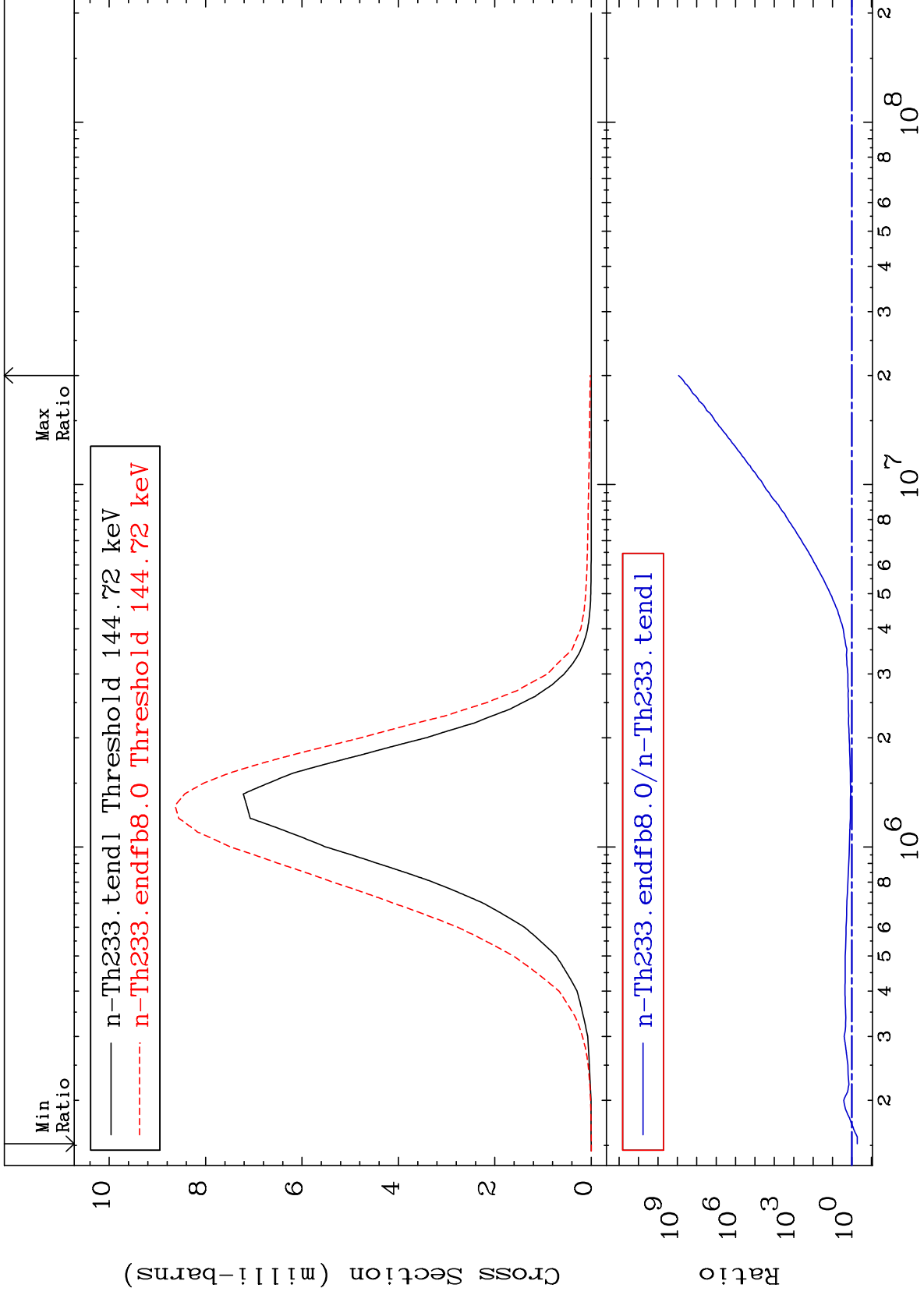
90-Th-233



MAT 9043

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

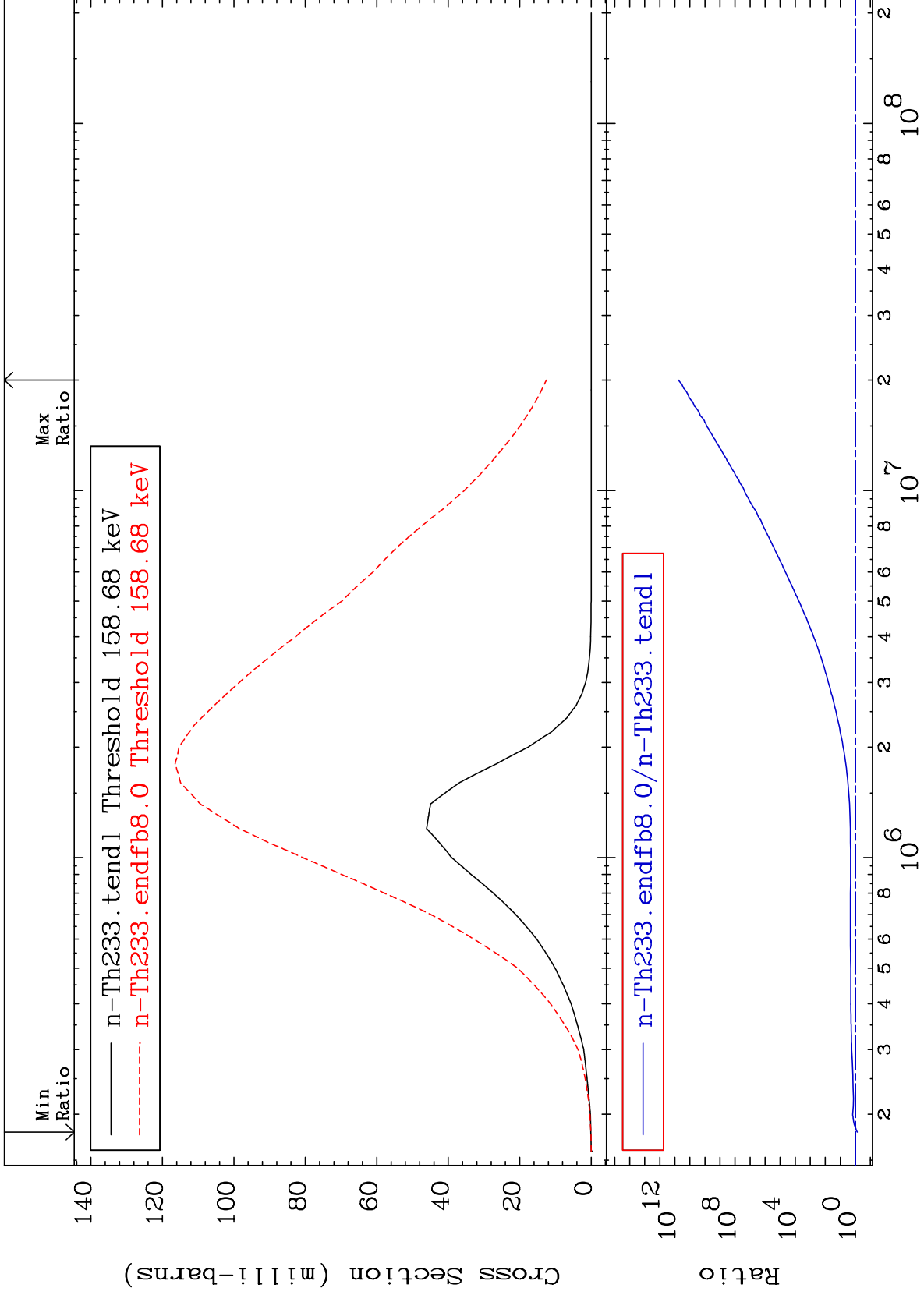
90-Th-233  
-46.77 To 9999. %



MAT 9043

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

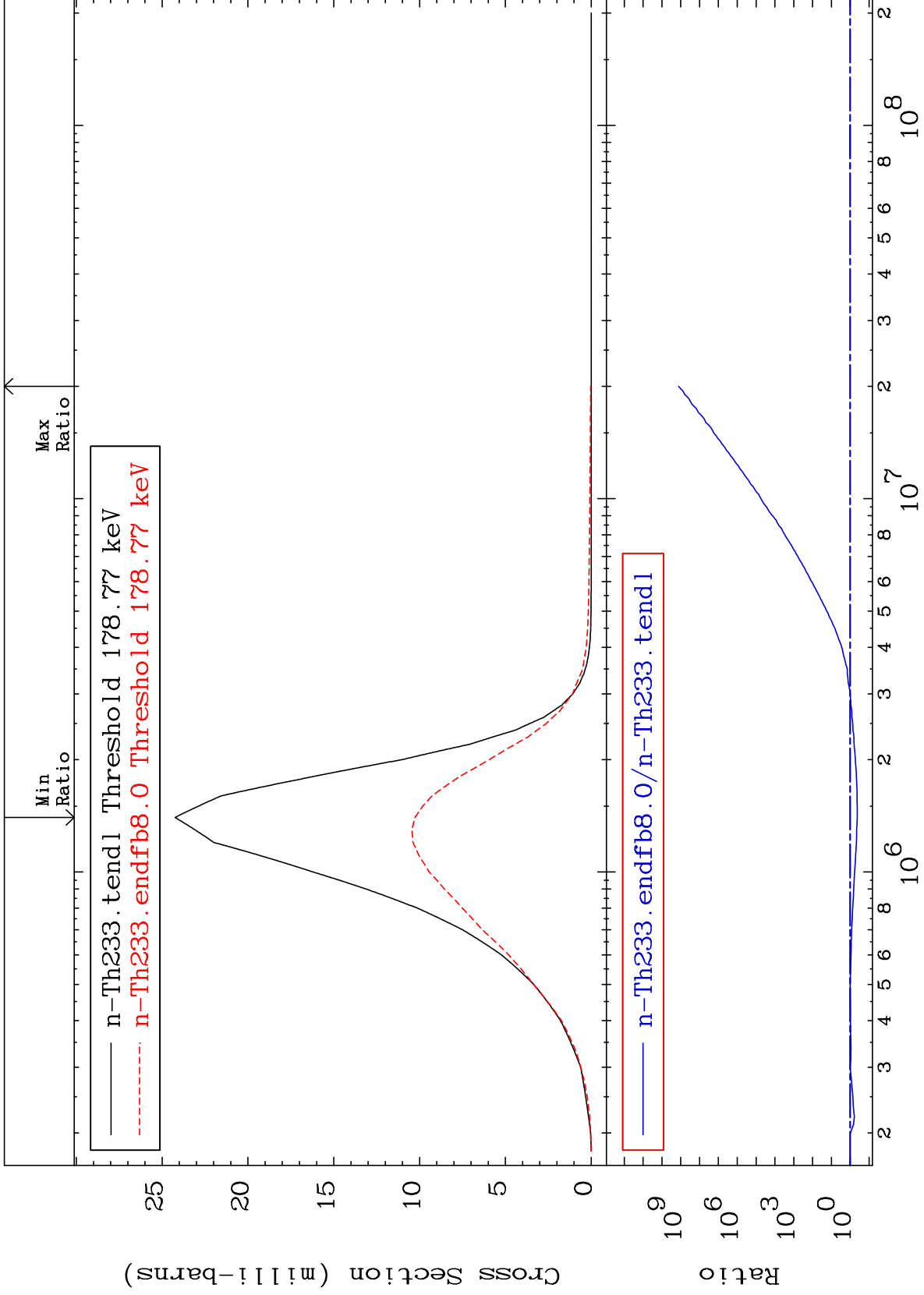
90-Th-233  
-25.16 To 9999. %



MAT 9043

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

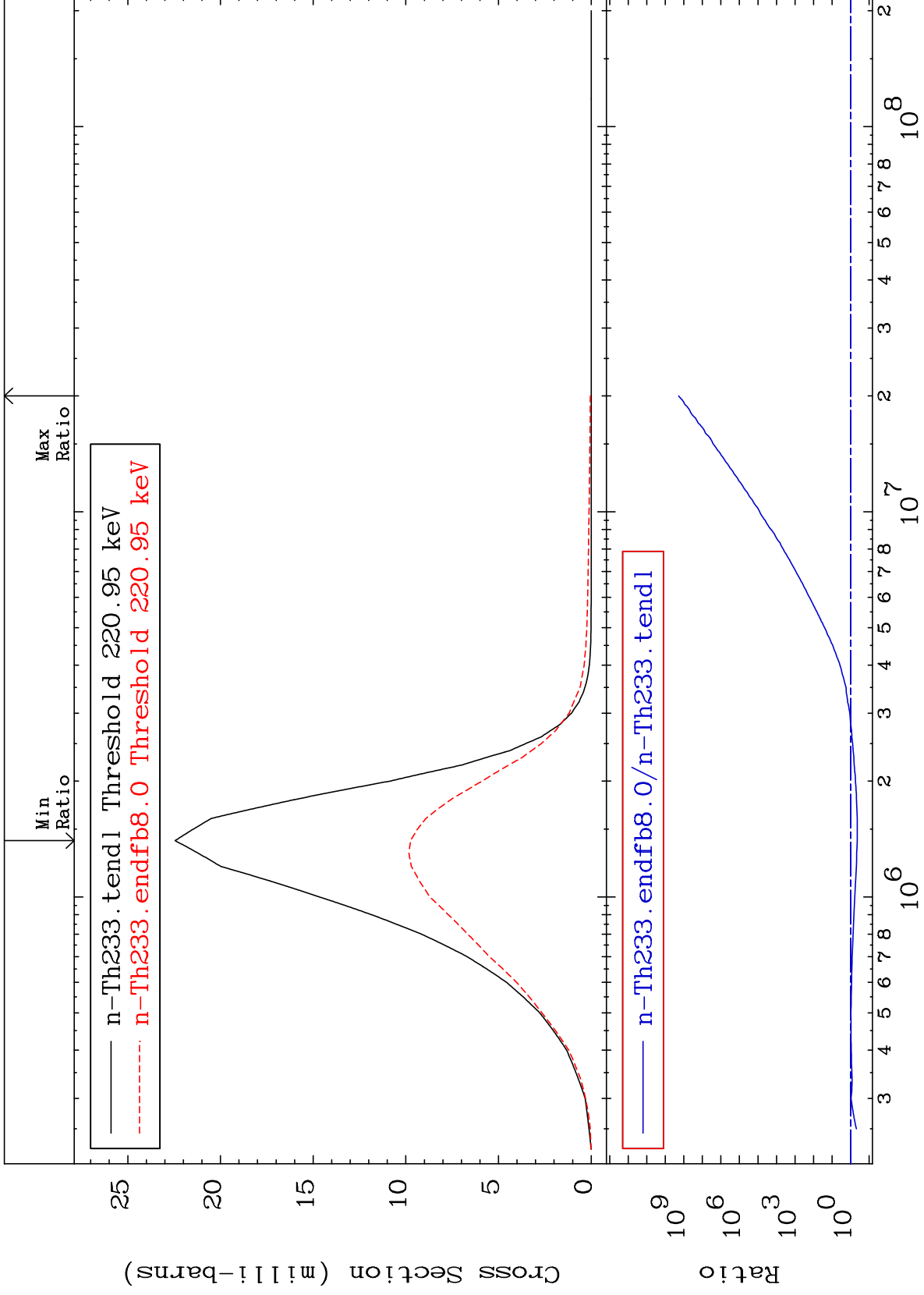
90-Th-233  
-57.66 To 9999. %



MAT 9043

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

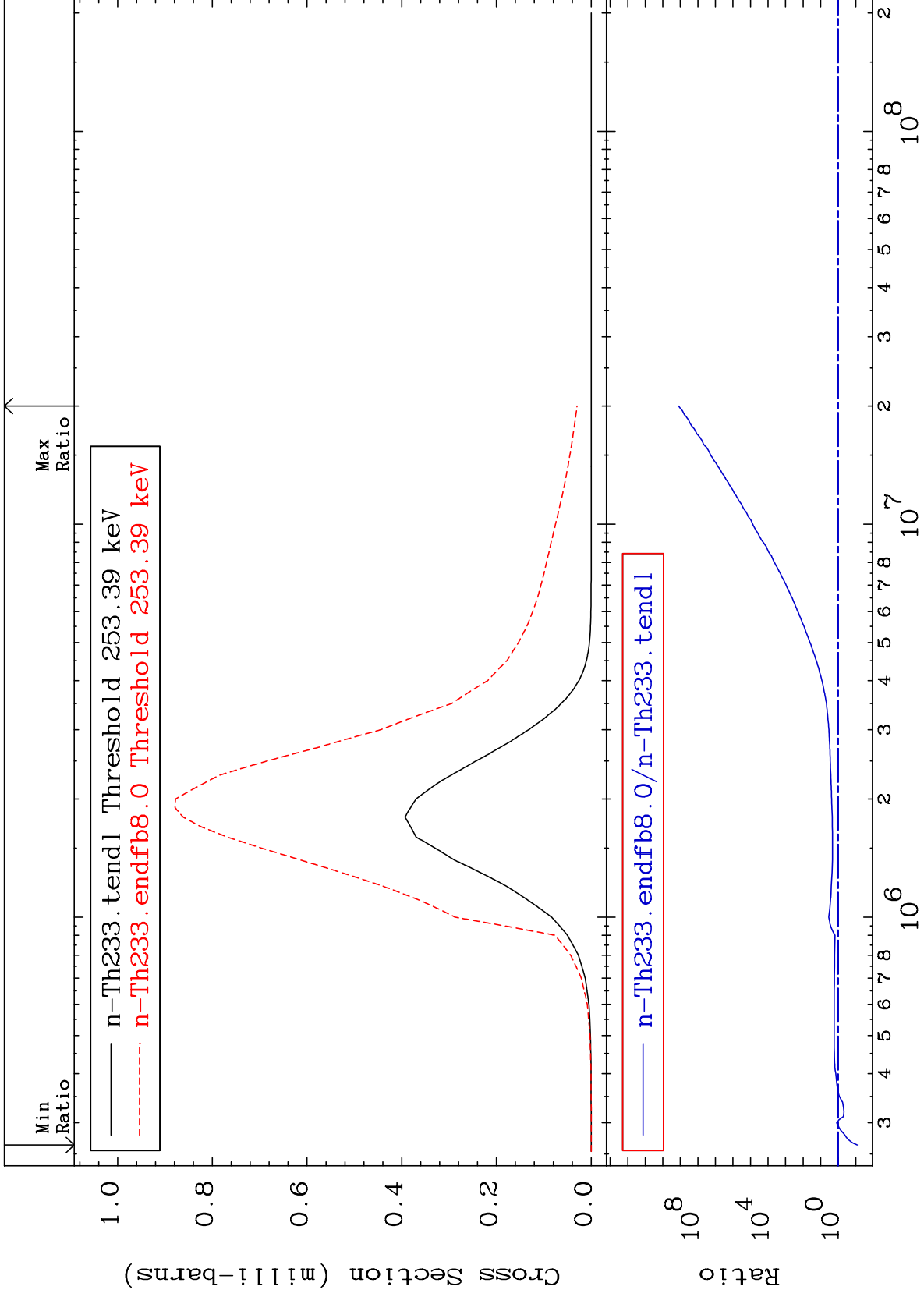
90-Th-233  
-56.60 To 9999. %



MAT 9043

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

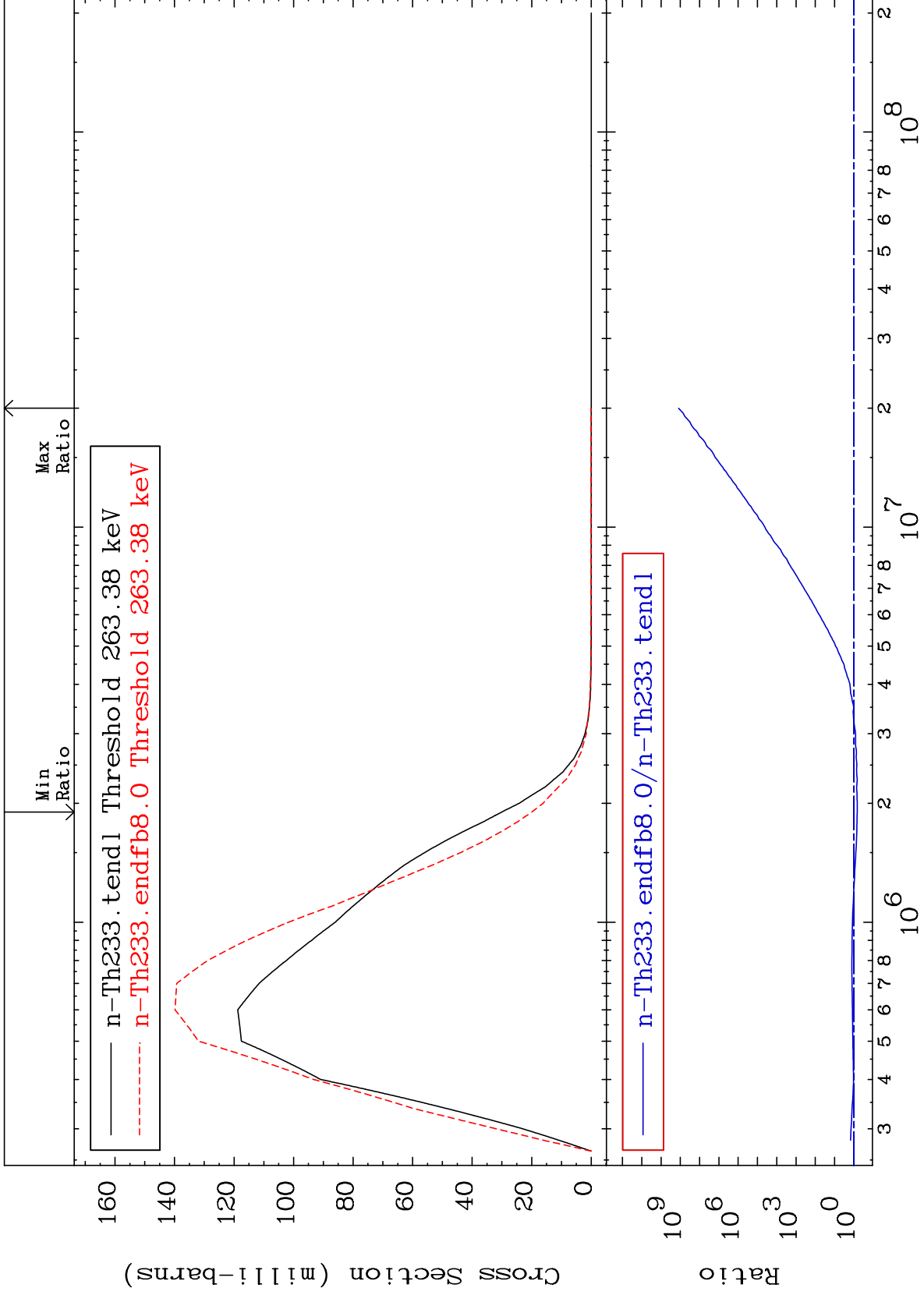
90-Th-233  
-91.84 To 9999. %



MAT 9043

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

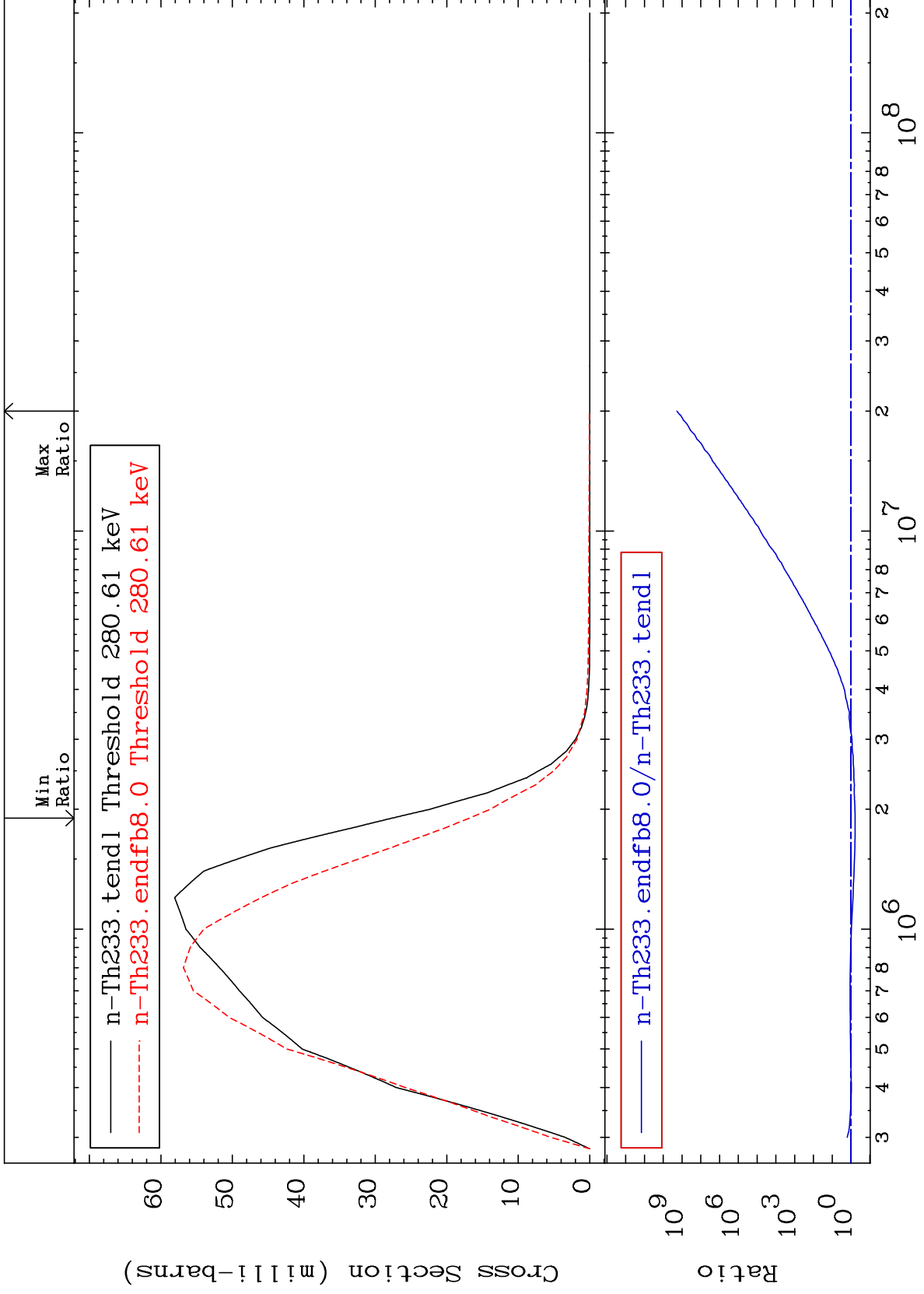
90-Th-233  
-33.61 To 9999. %



MAT 9043

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

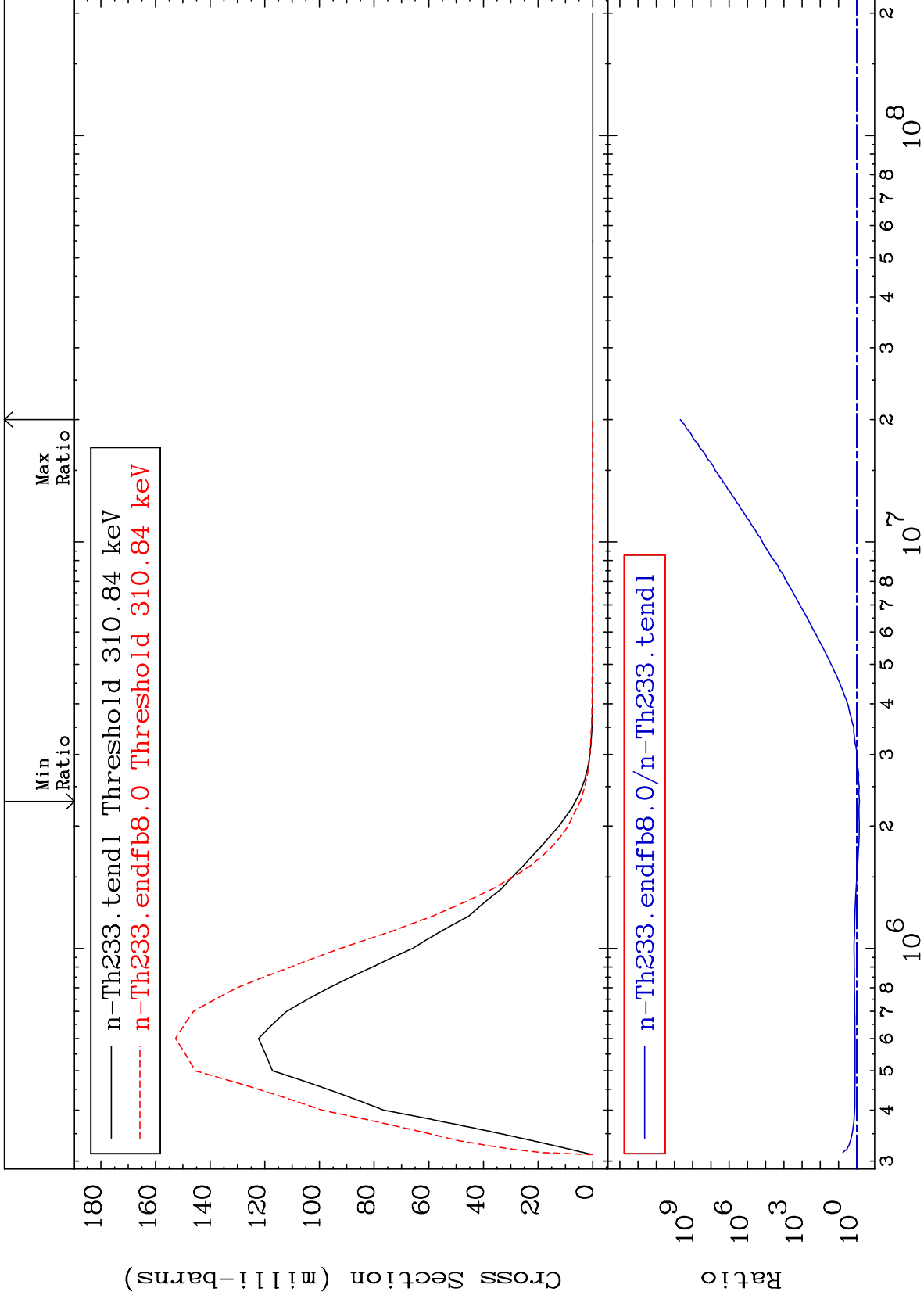
90-Th-233  
-39.24 To 9999. %



MAT 9043

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

90-Th-233  
-28.54 To 9999. %

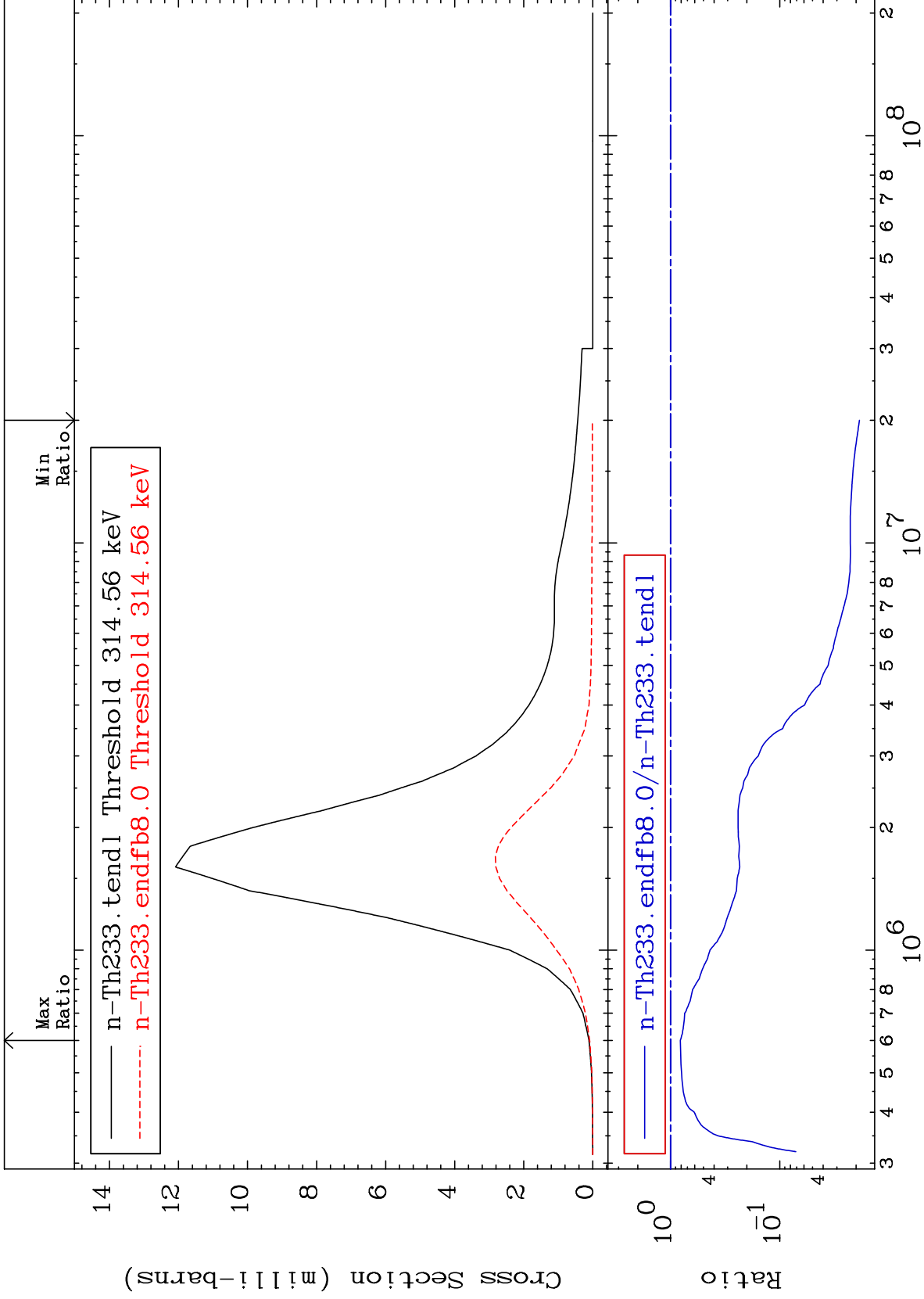




MAT 9043

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

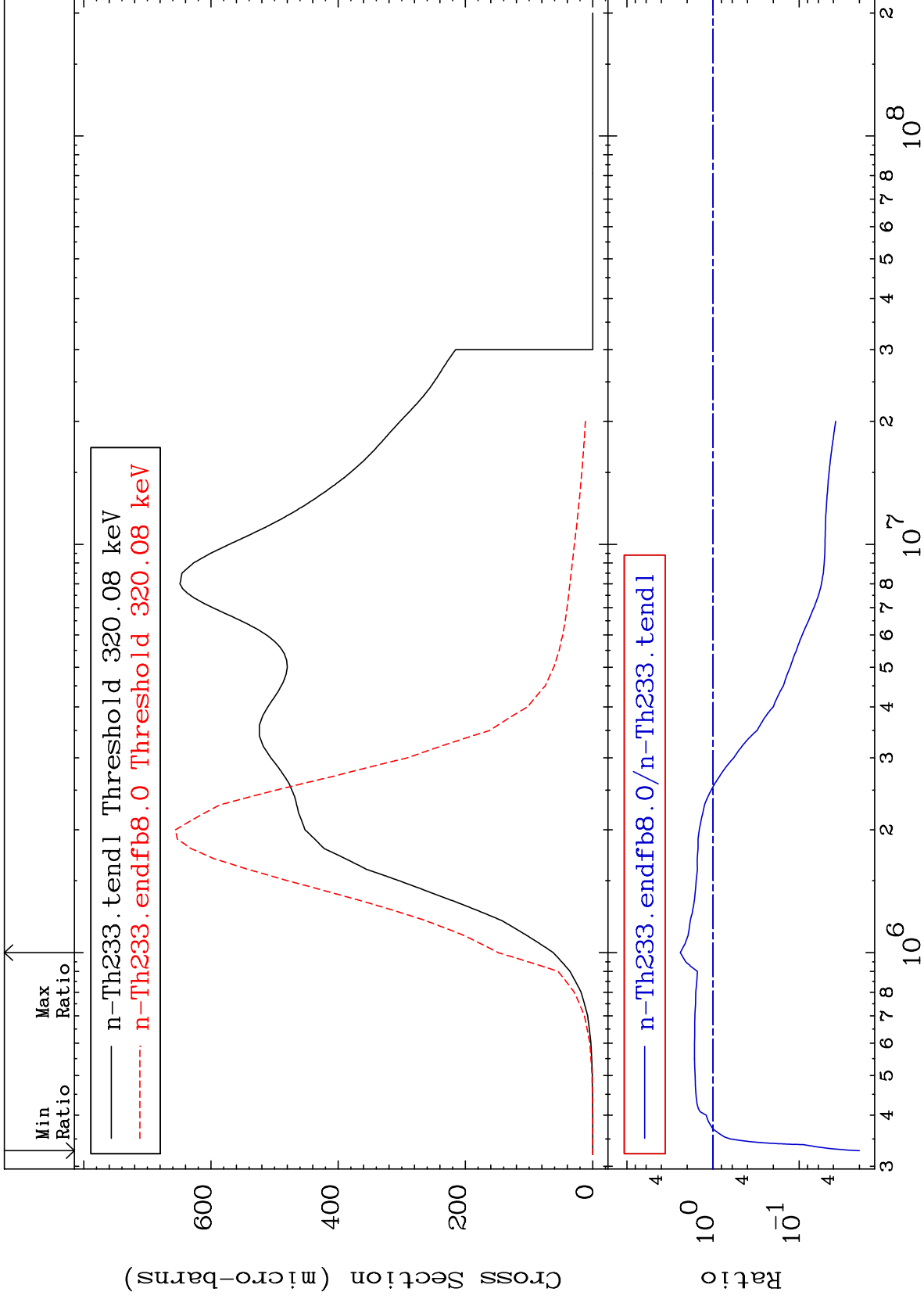
90-Th-233  
-98.14 To -18.63%



MAT 9043

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

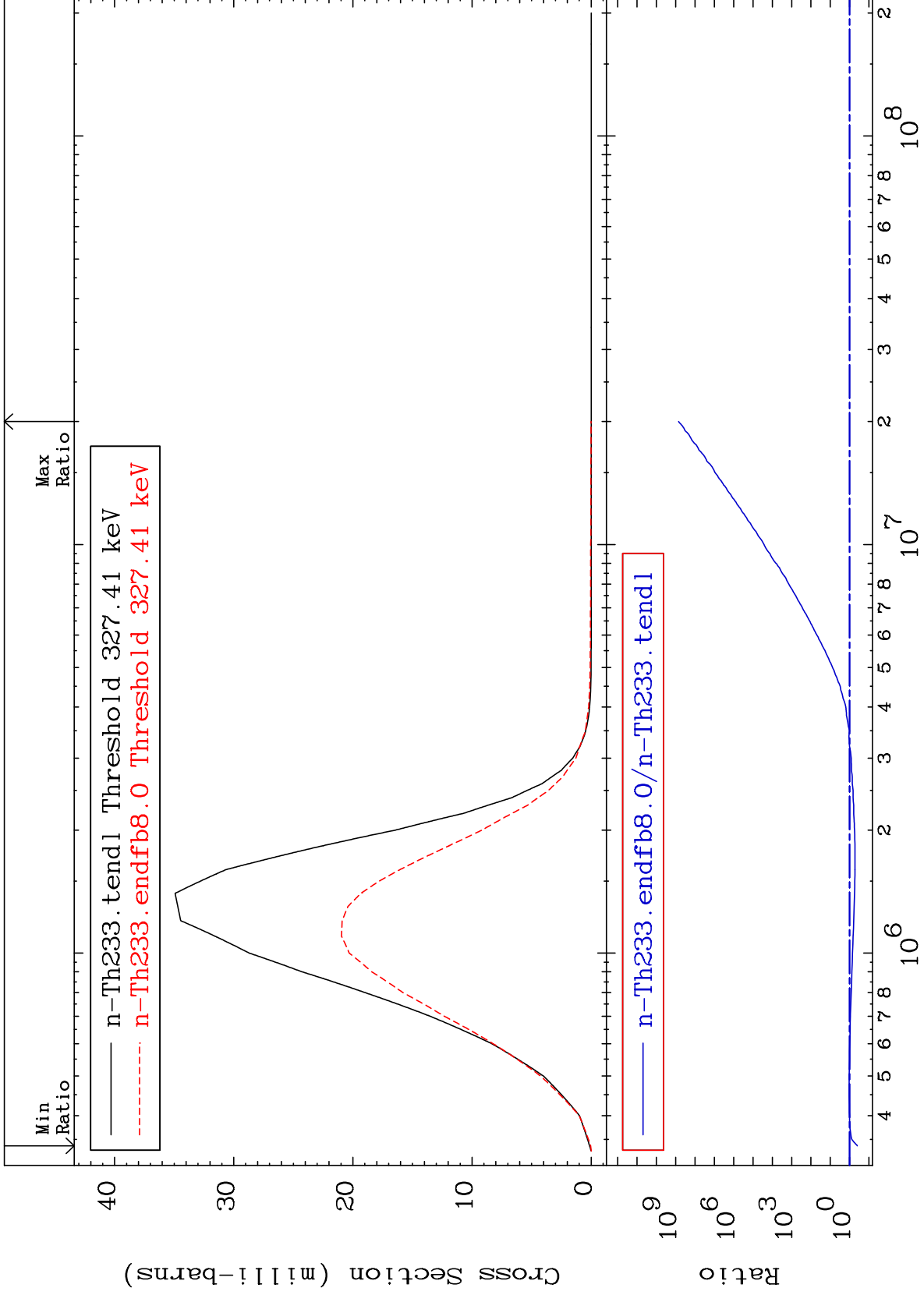
90-Th-233  
-98.00 To 140.1 %



MAT 9043

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

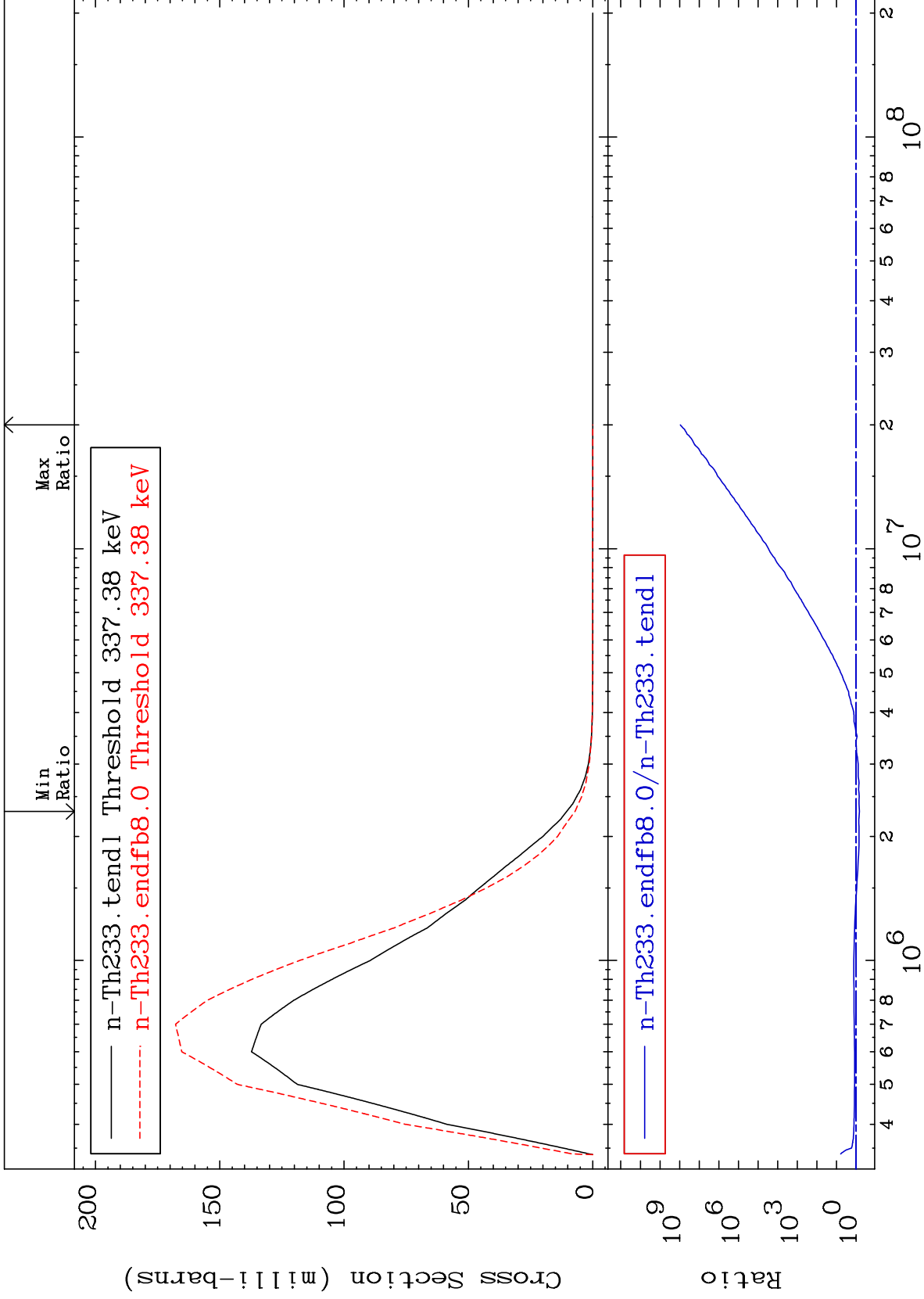
90-Th-233  
-59.72 To 9999. %



MAT 9043

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

90-Th-233  
-32.15 To 9999. %



30

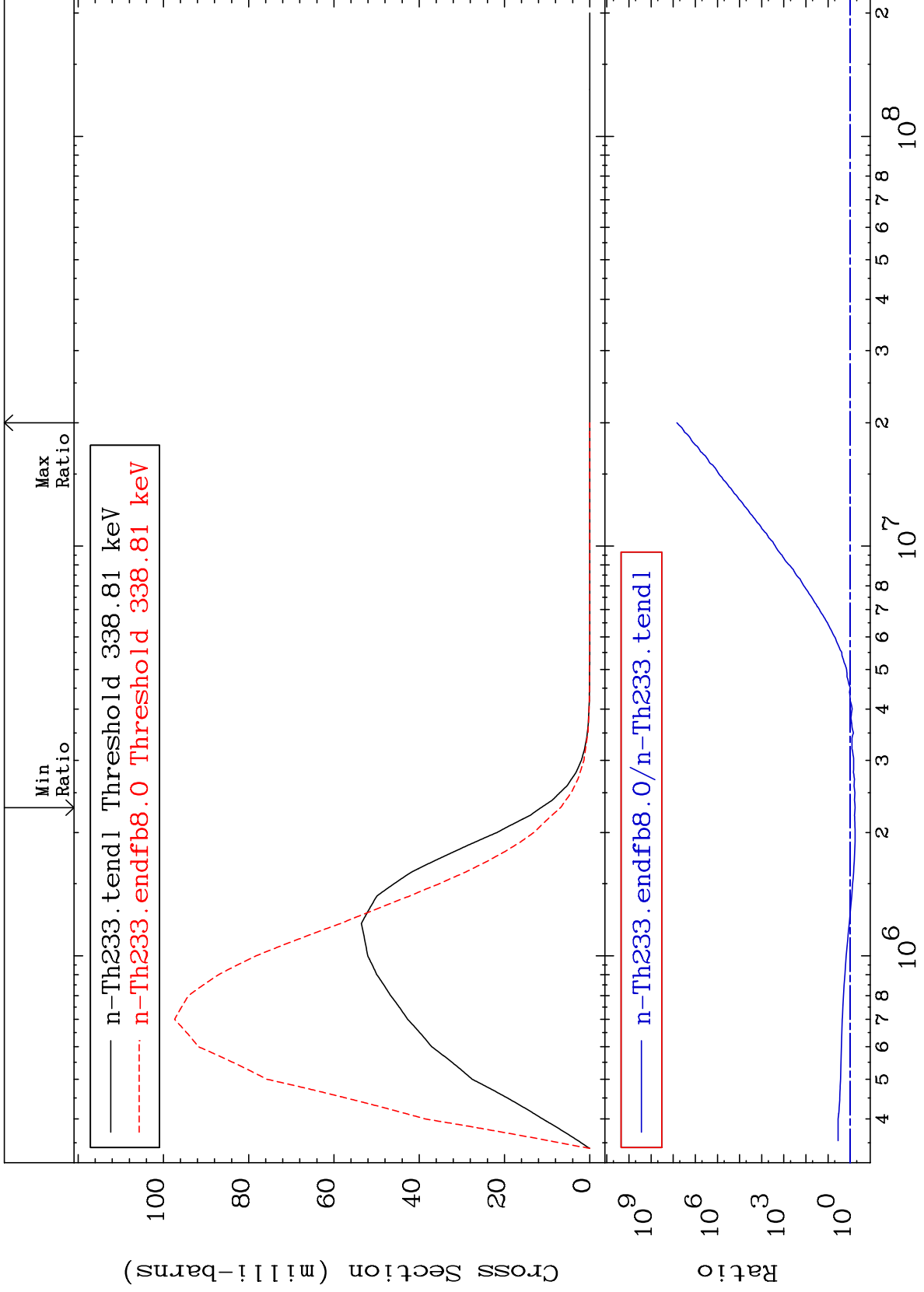
Incident Energy (eV)

90-Th-233

MAT 9043

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

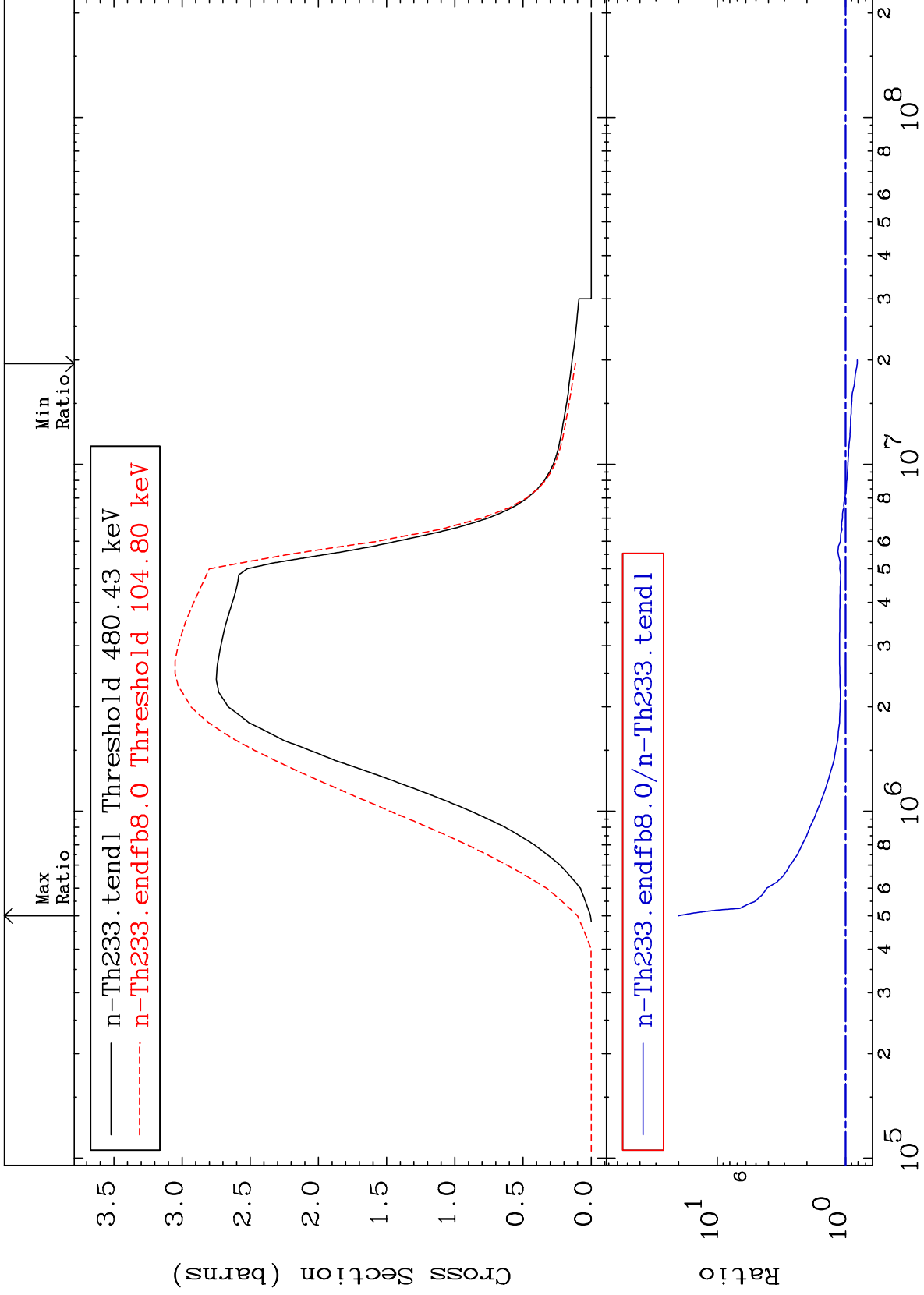
90-Th-233  
-40.07 To 9999. %



MAT 9043

(n, n') Continuum  
Cross Section

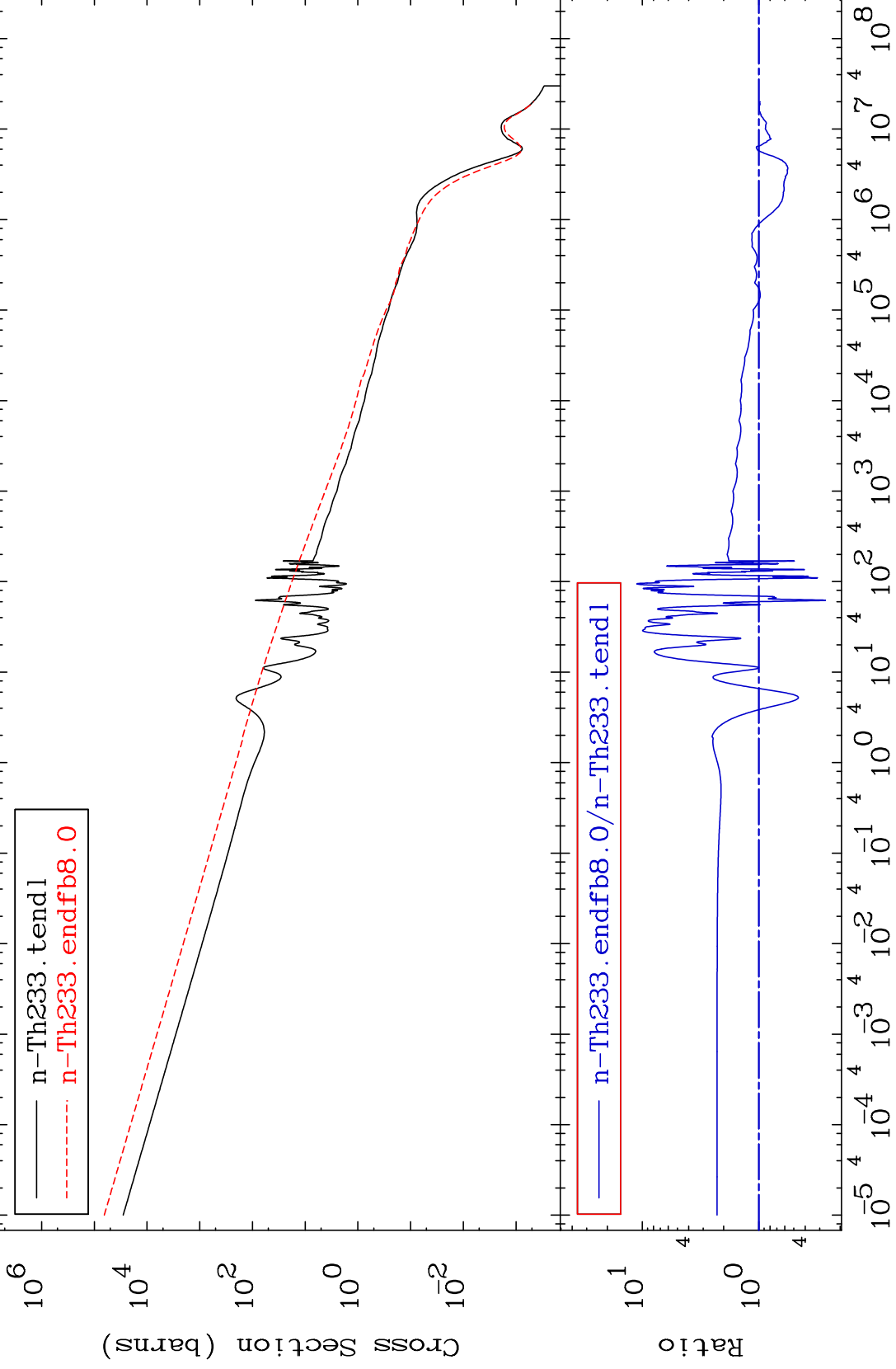
90-Th-233  
-18.77 To 1899. %



MAT 9043

(n,  $\gamma$ )  
Cross Section

90-Th-233  
-73.21 To 1019. %



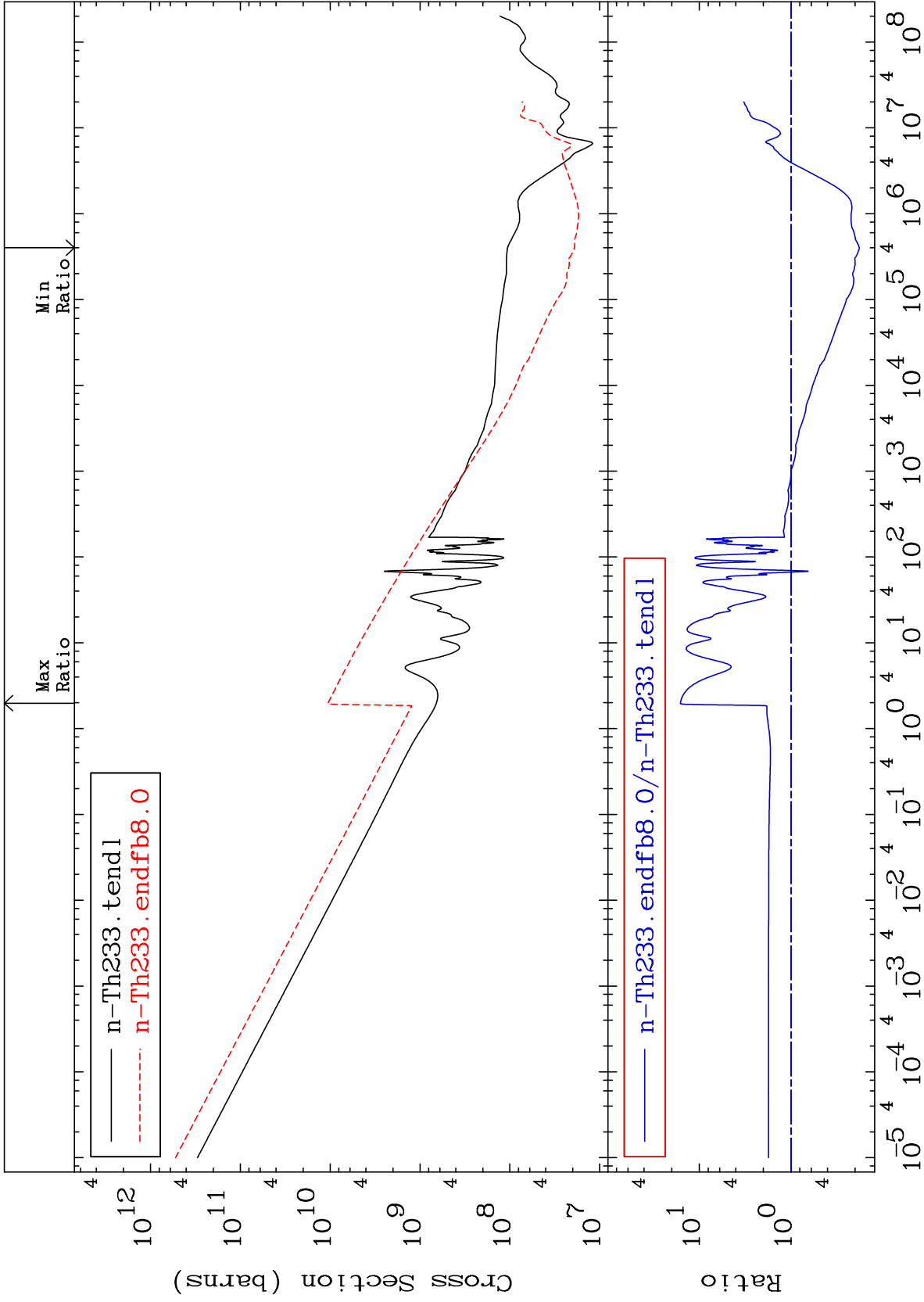
MAT 9043

Kerma total (eV-barns)

90-Th-233

Cross Section

-82.08 To 1510. %

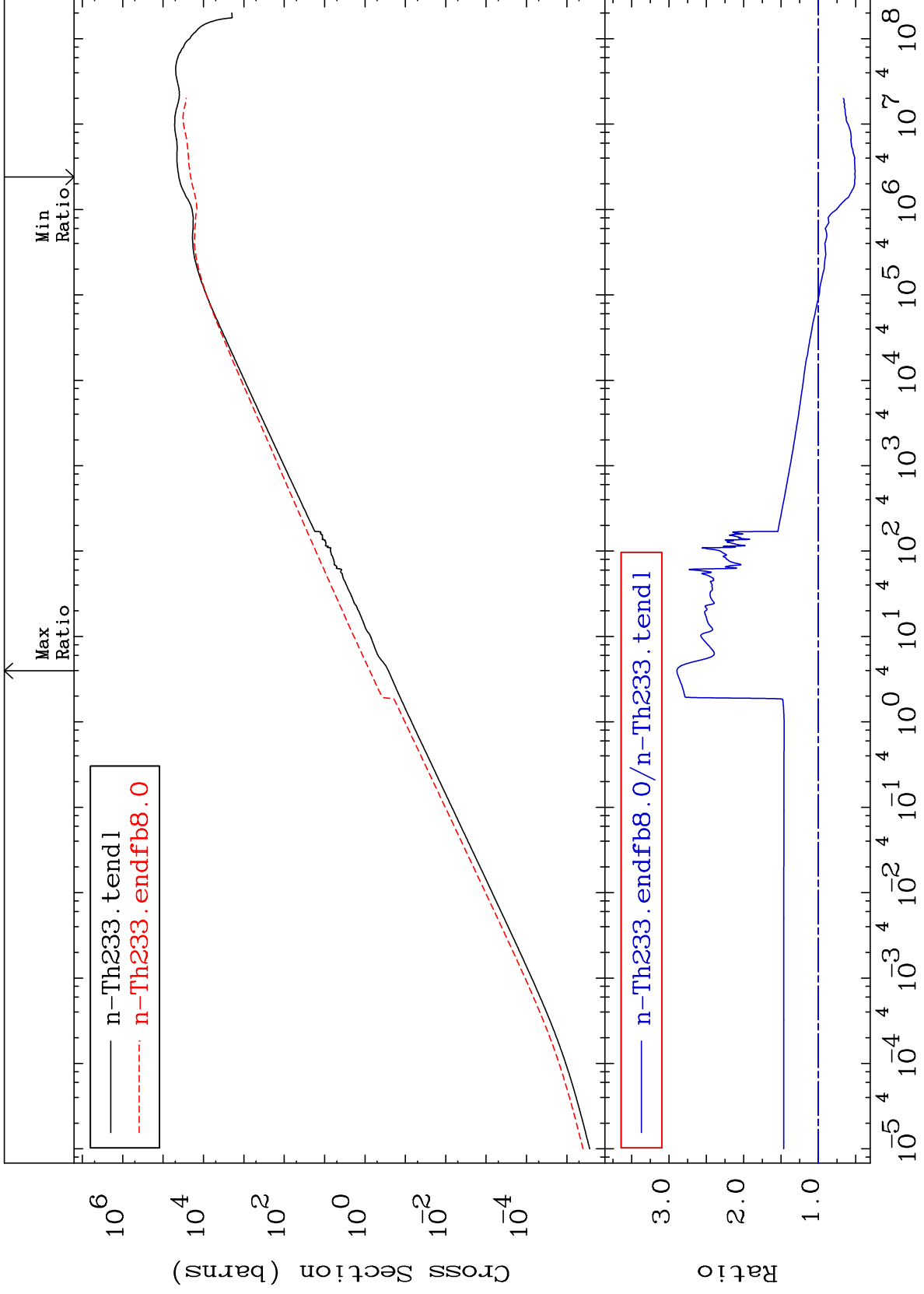




MAT 9043

Kerma elastic  
Cross Section

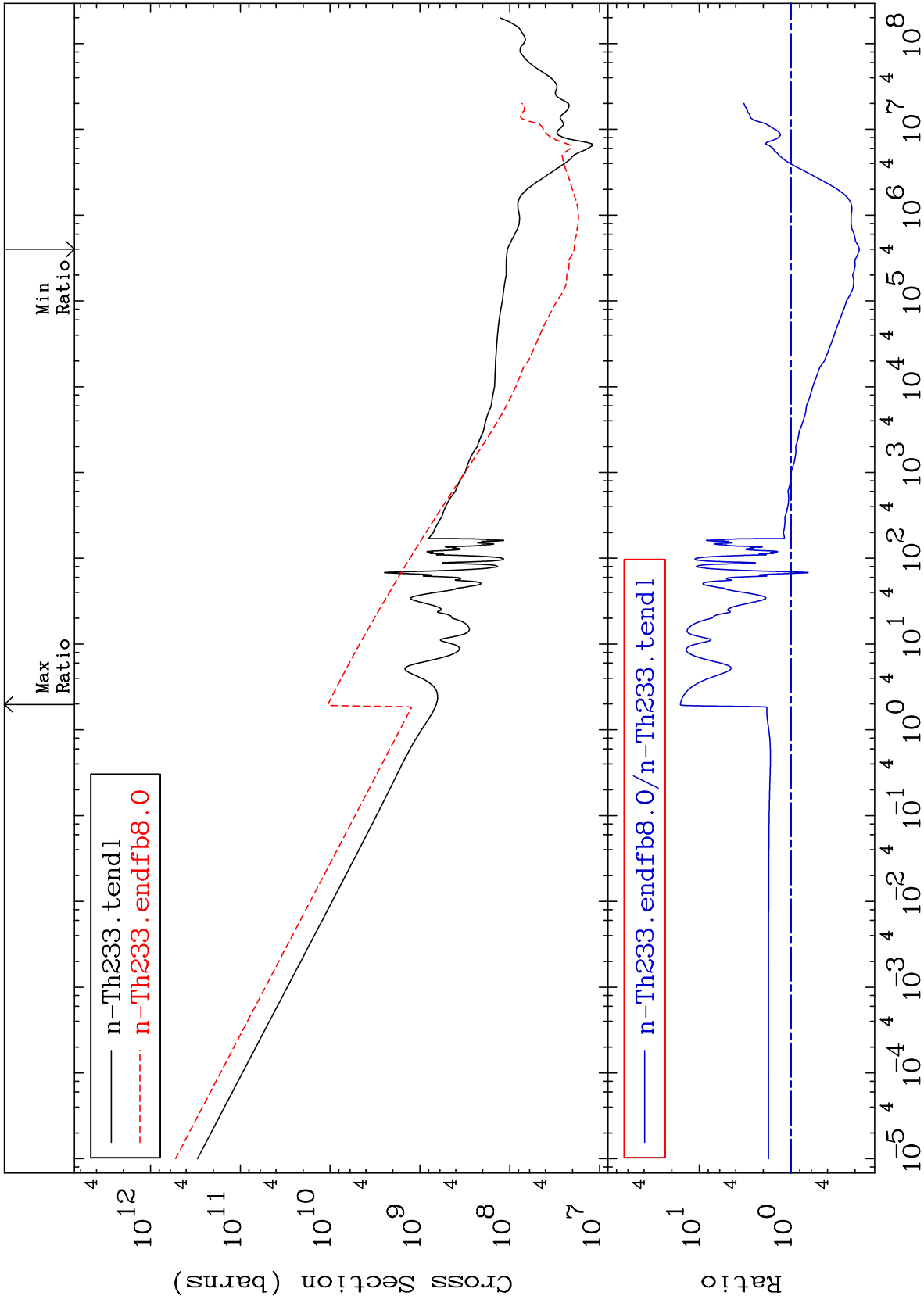
90-Th-233  
-49.14 To 189.4 %



35

Incident Energy (eV)

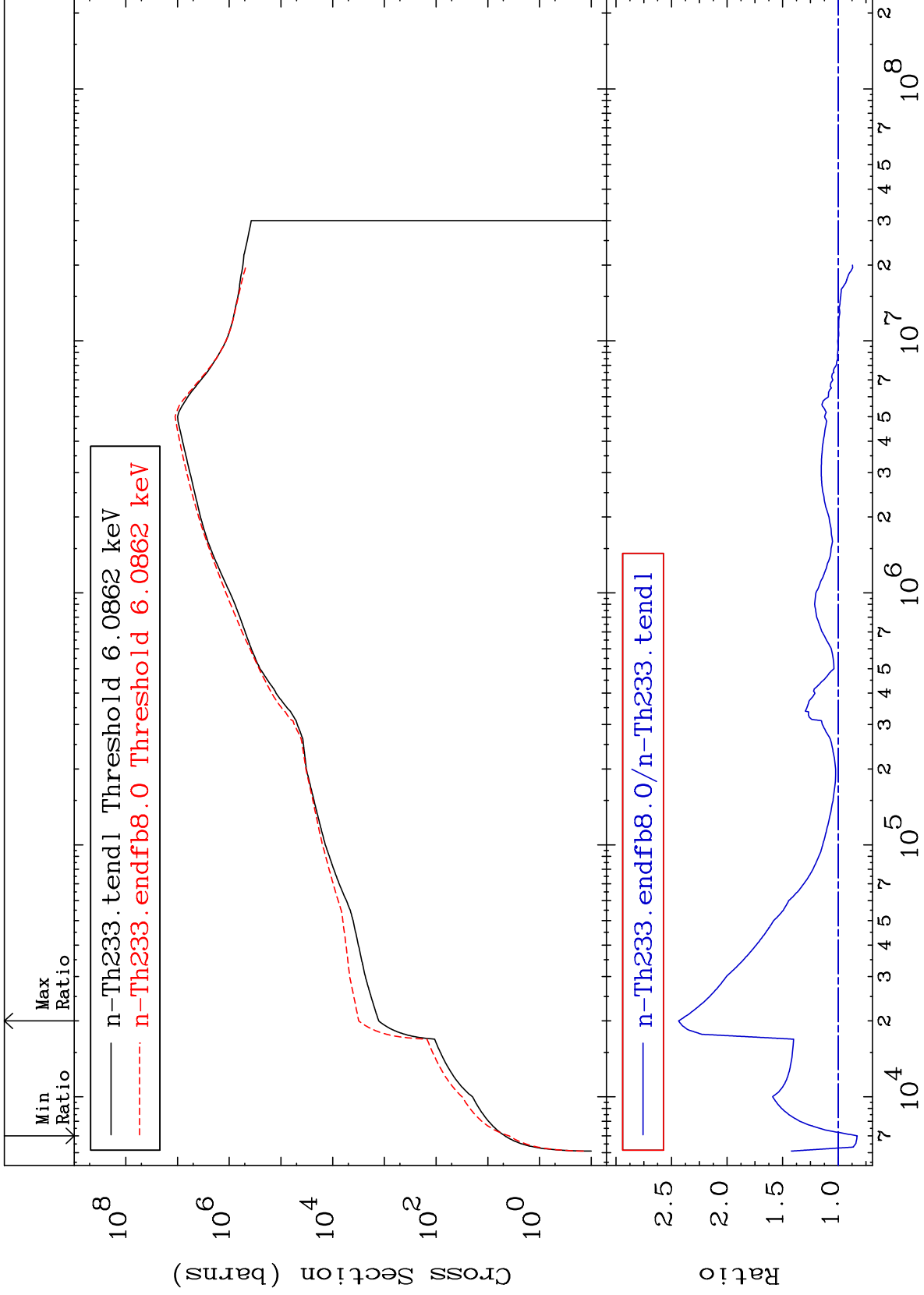
90-Th-233



MAT 9043

Kerma inelastic (mt51-91)  
Cross Section

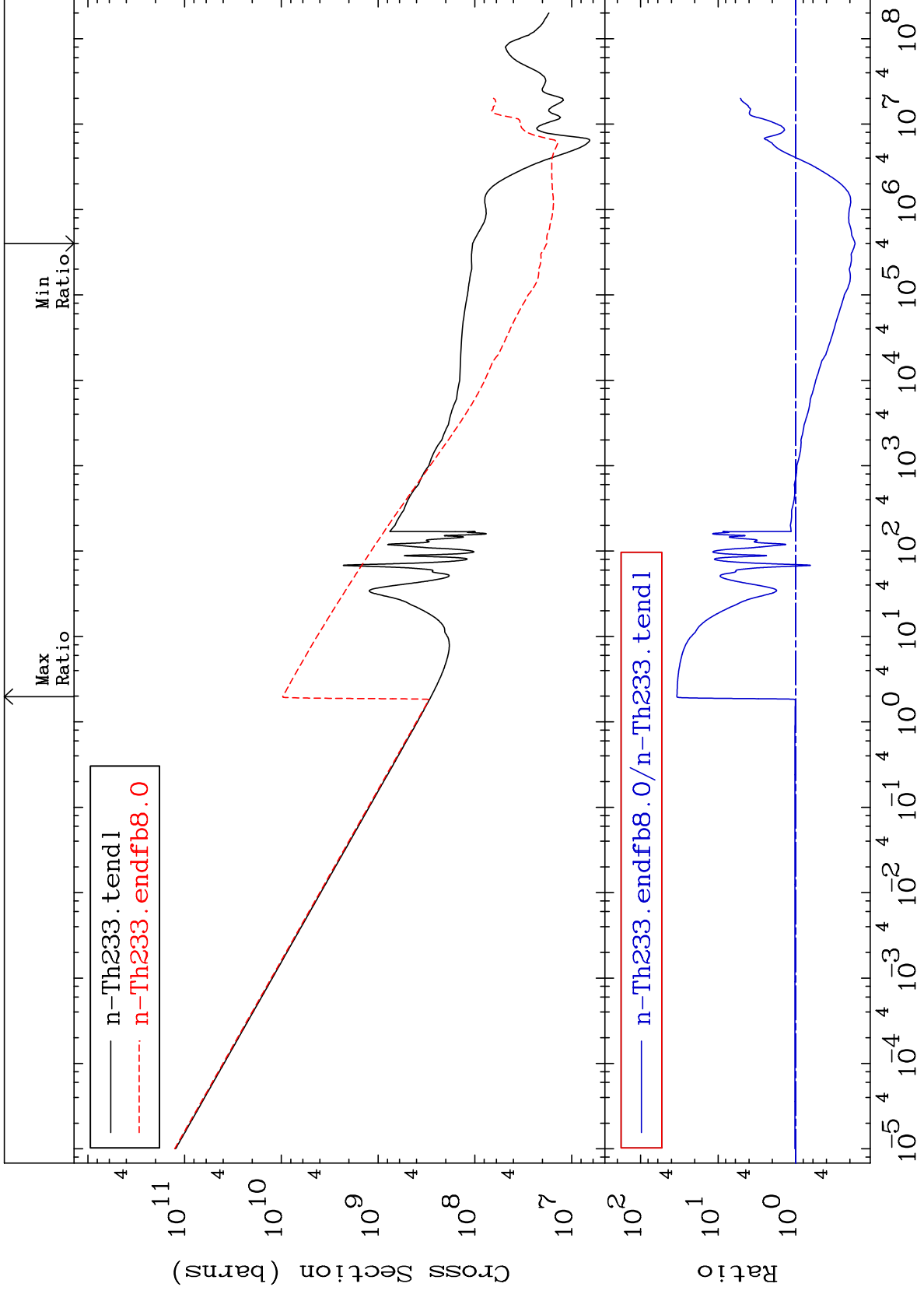
90-Th-233  
-17.10 To 143.6 %



MAT 9043

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

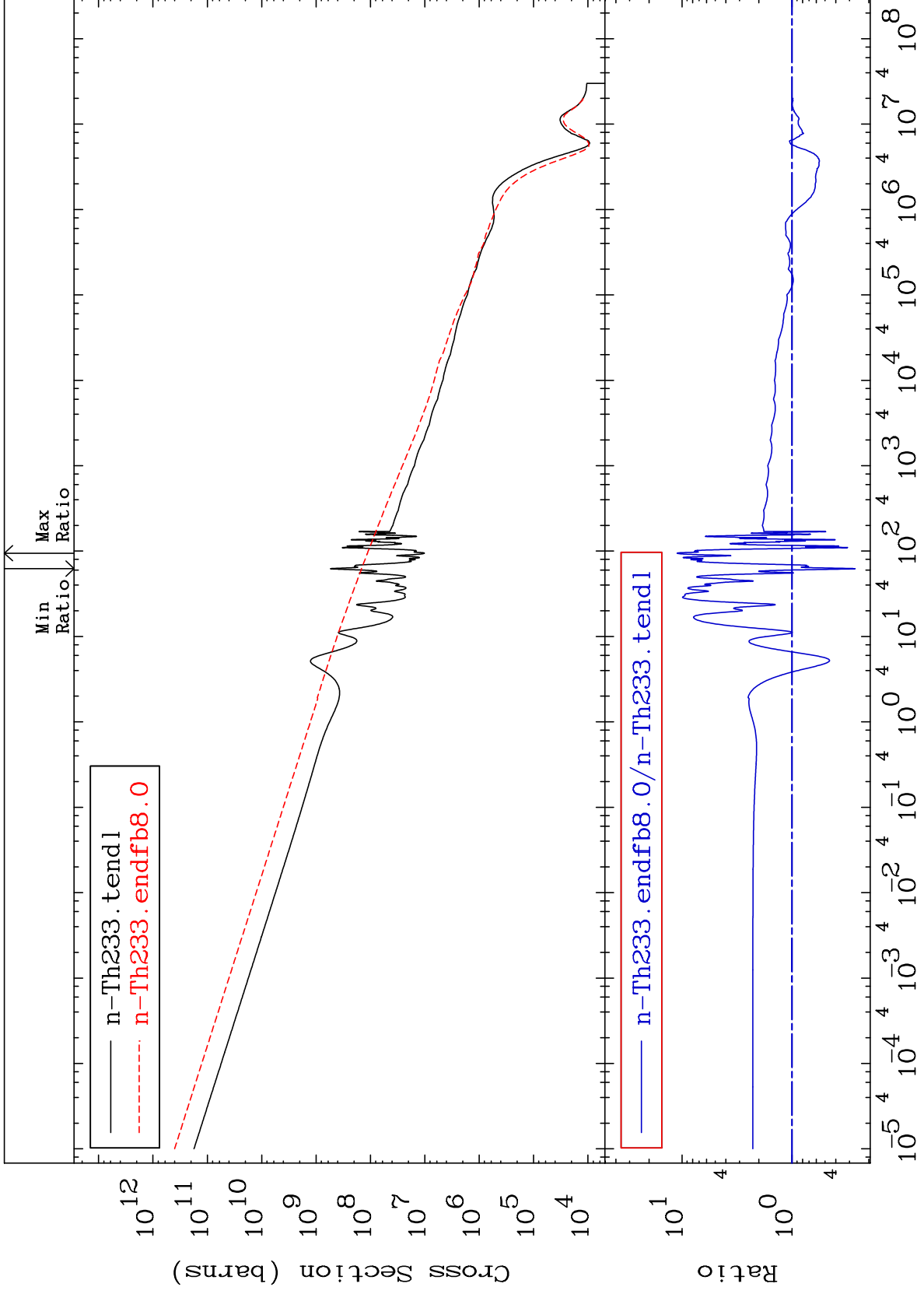
90-Th-233  
-82.86 To 3300. %



MAT 9043

Kerma capture (mt102)  
Cross Section

90-Th-233  
-73.32 To 1014. %



39

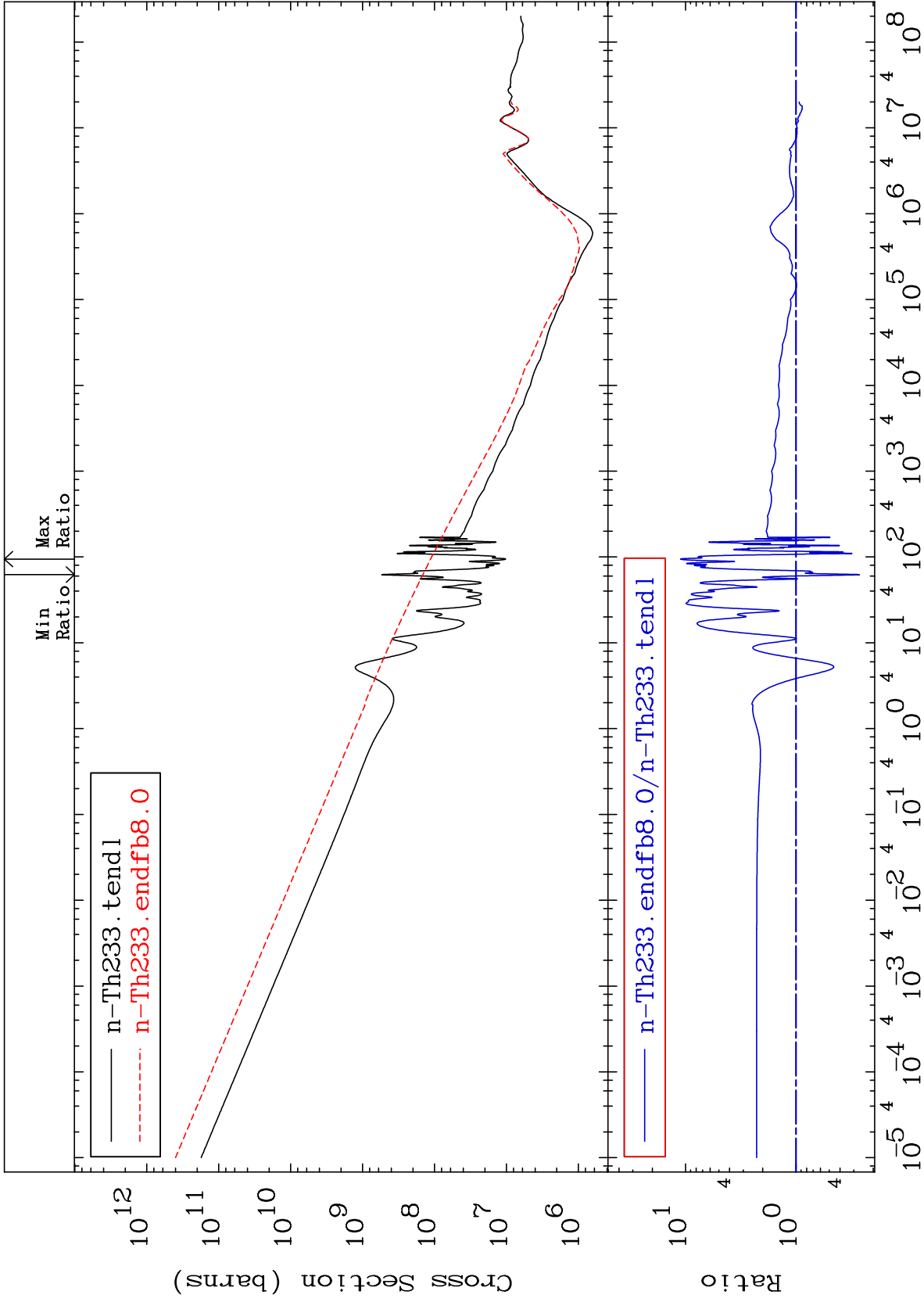
Incident Energy (eV)

90-Th-233

MAT 9043

Total photon (eV-barns)  
Cross Section

90-Th-233  
-73.32 To 1014. %



40

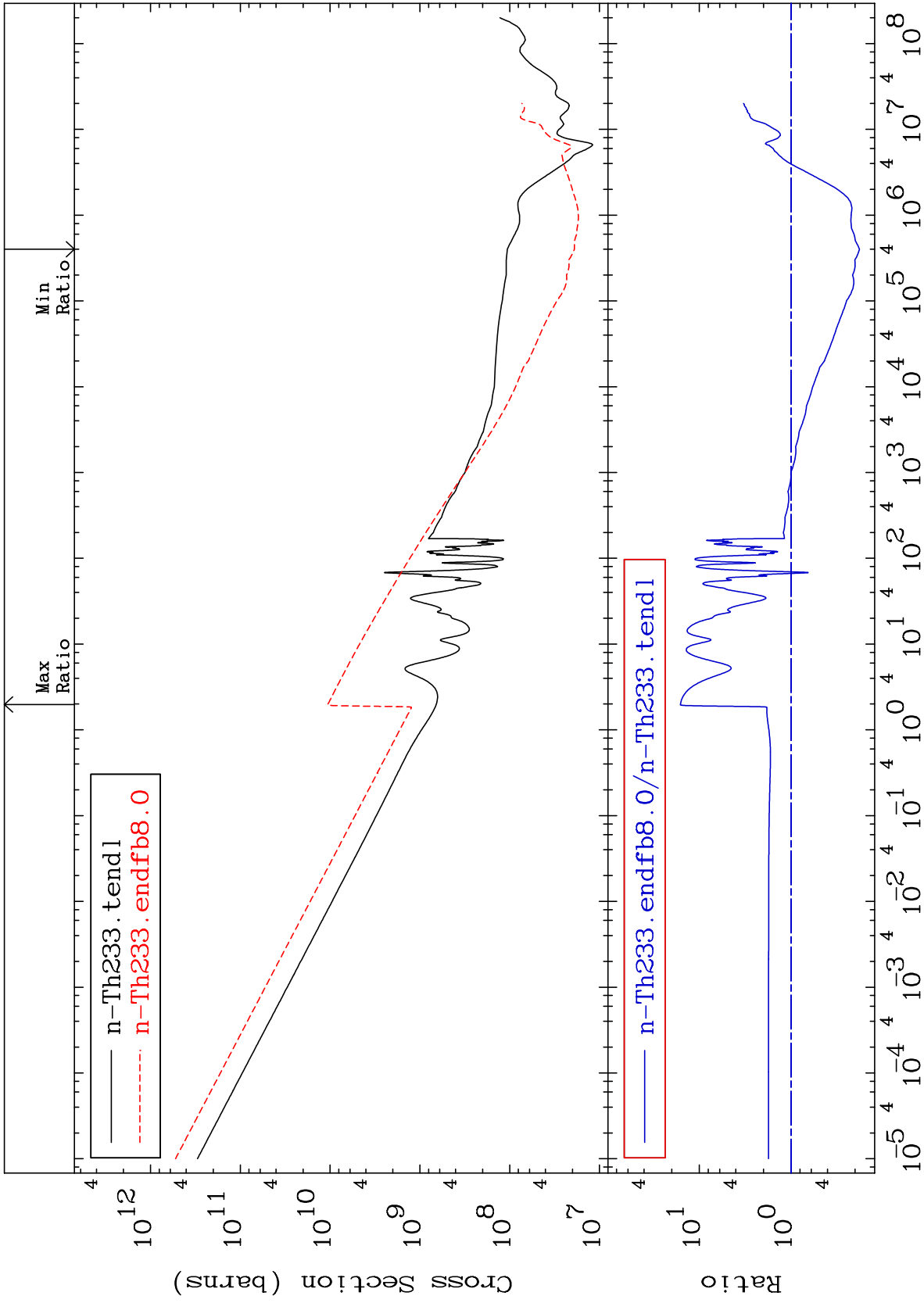
Incident Energy (eV)

90-Th-233

MAT 9043

Total kinematic kerma (high limit)  
Cross Section

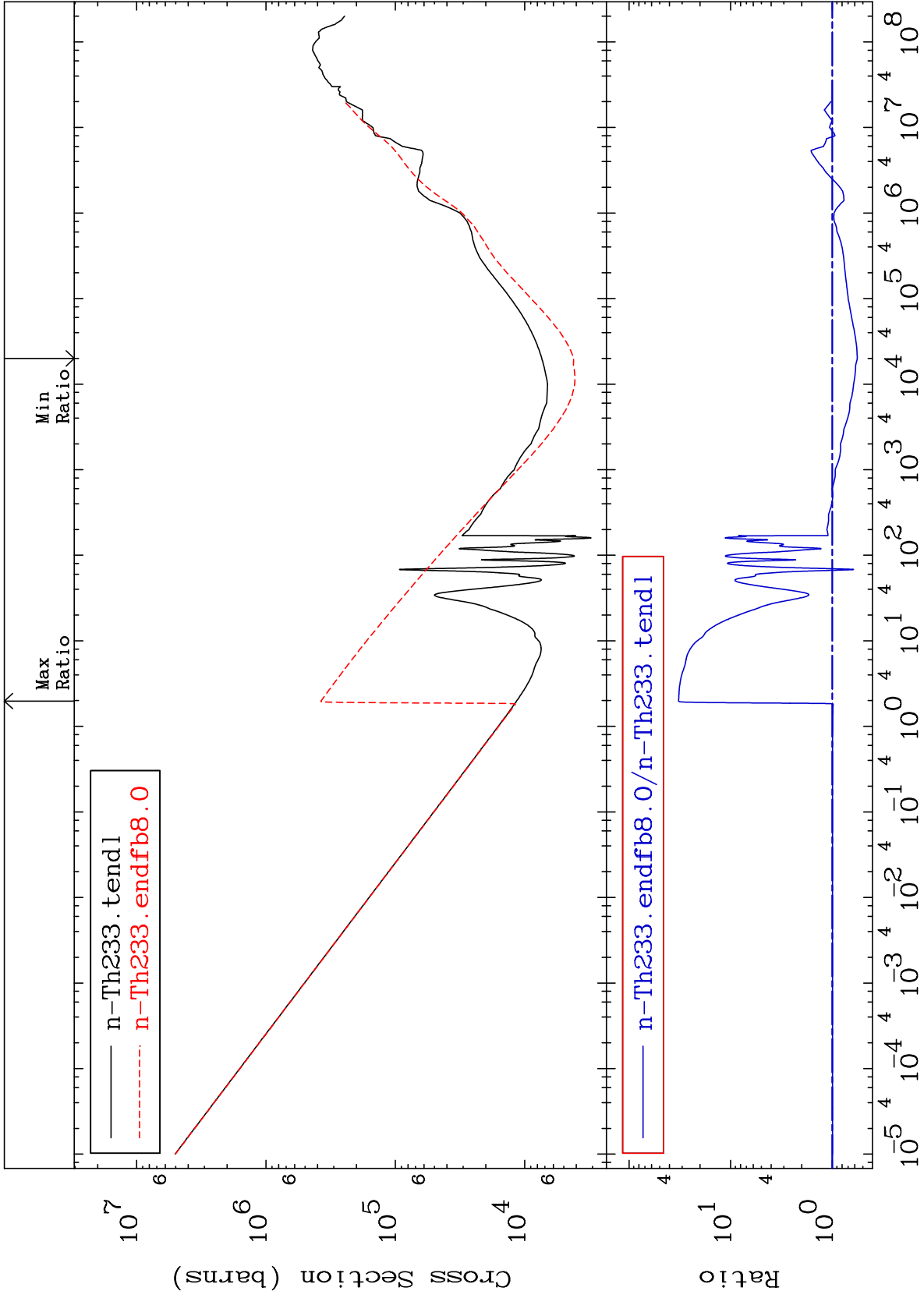
90-Th-233  
-82.06 To 1510. %



MAT 9043

Dpa total (eV-barns)  
Cross Section

90-Th-233  
-43.20 To 3152. %

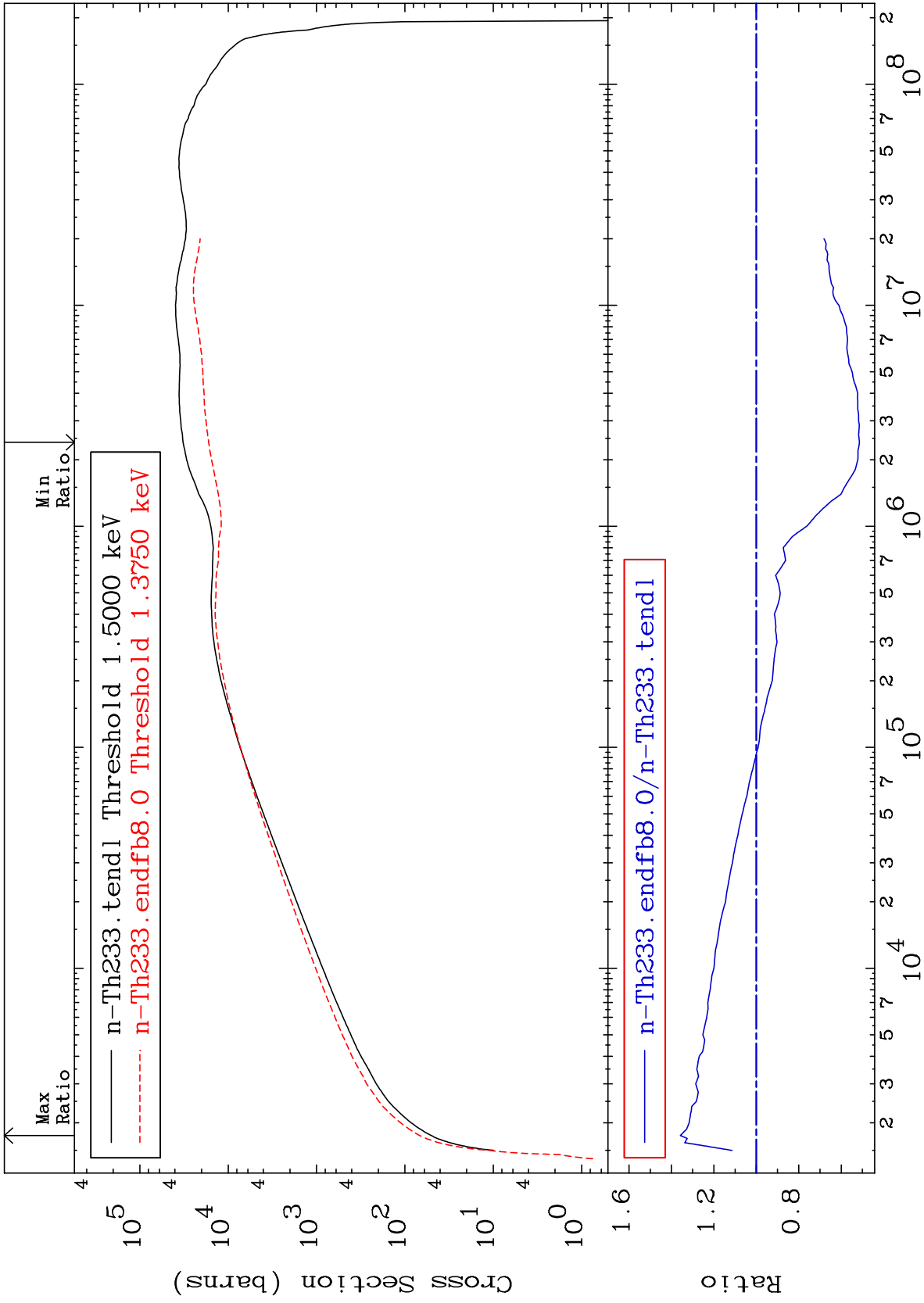




MAT 9043

Dpa elastic (mt2)  
Cross Section

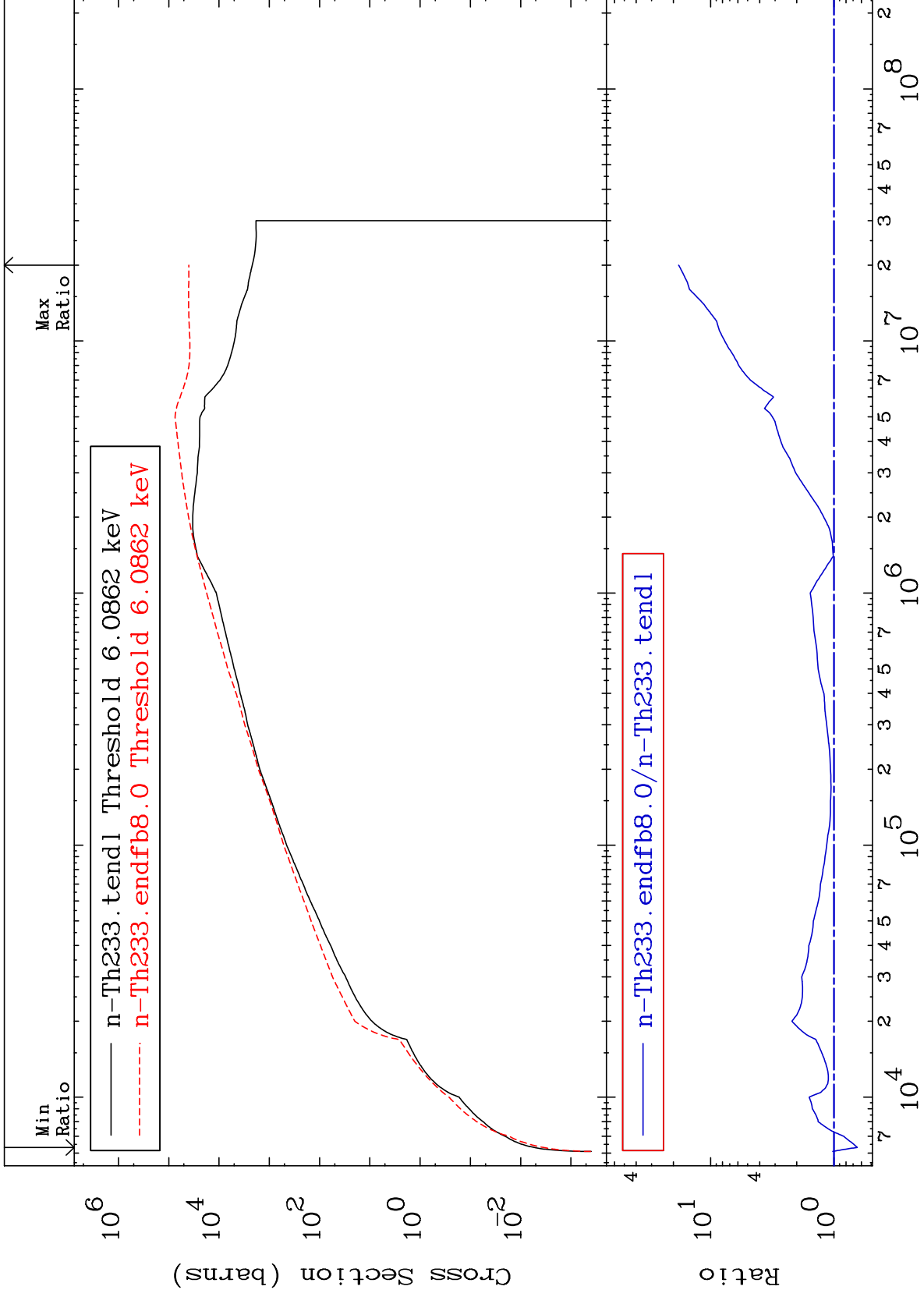
90-Th-233  
-48.59 To 35.78 %



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 %

