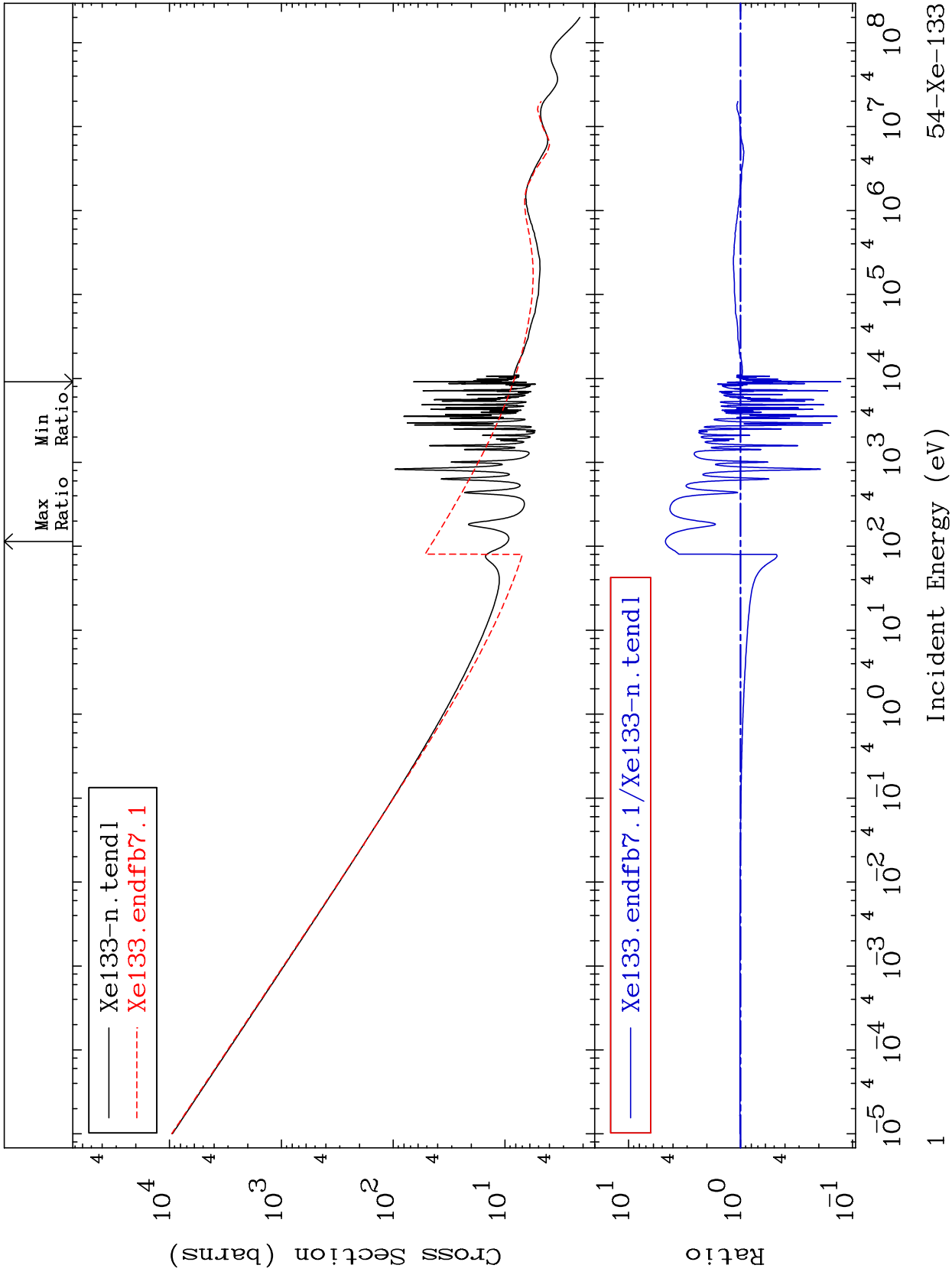


MAT 5452

Total Cross Section
54-Xe-133
-87.25 To 367.5 %



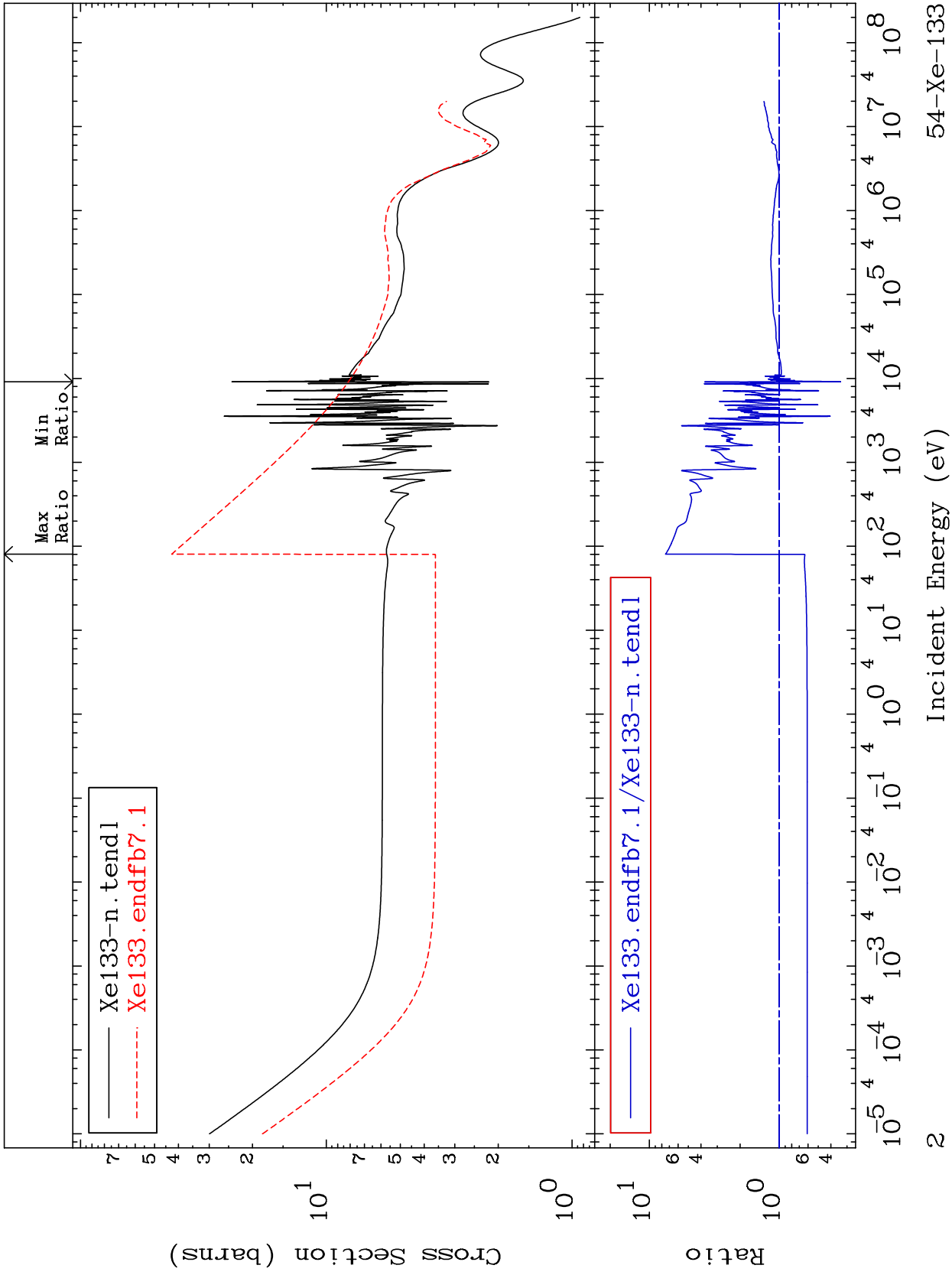
54-Xe-133

Incident Energy (eV)

MAT 5452

Elastic
Cross Section

54-Xe-133
-66.39 To 649.8 %



Incident Energy (eV)

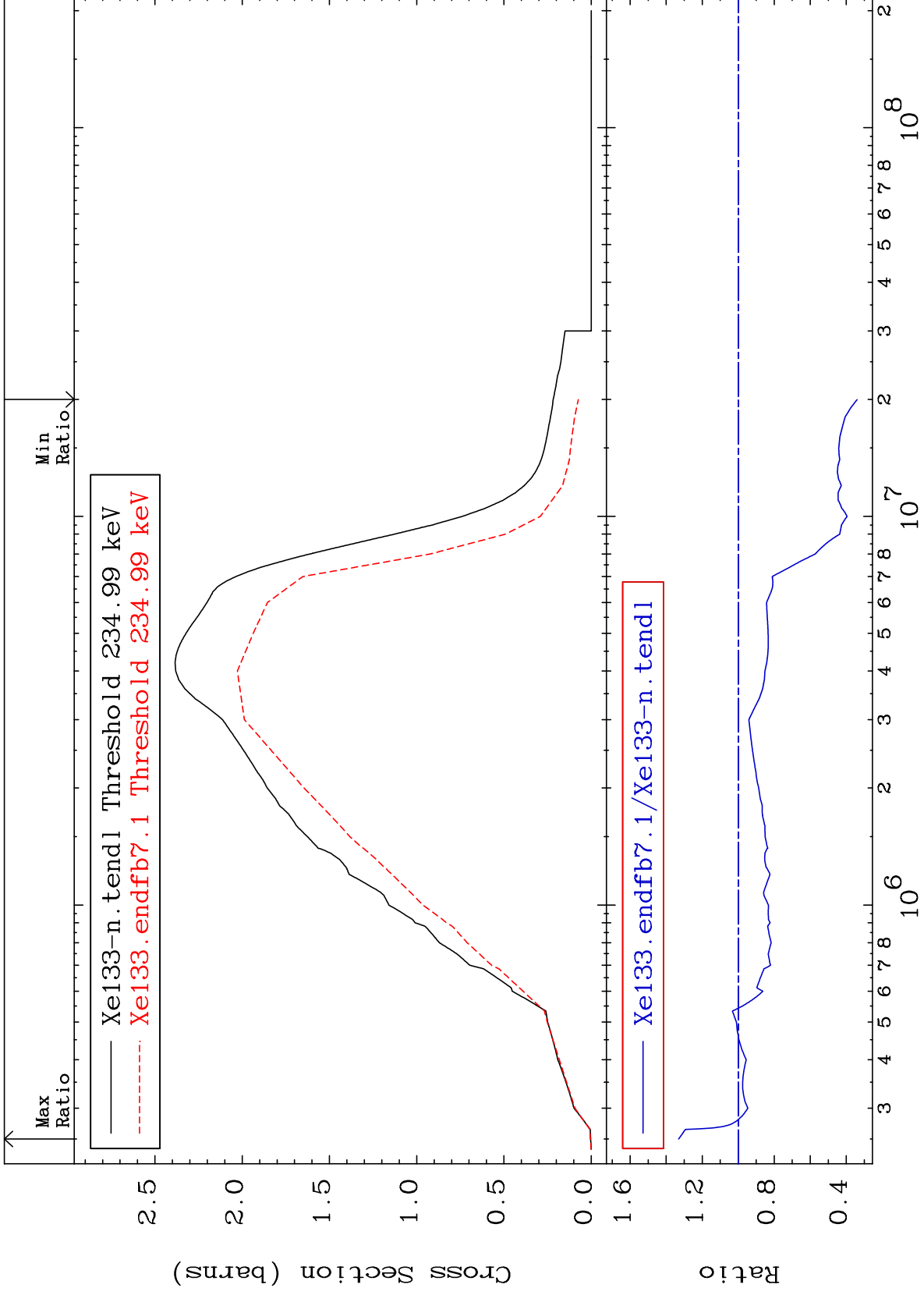
54-Xe-133

2

MAT 5452

Inelastic
Cross Section

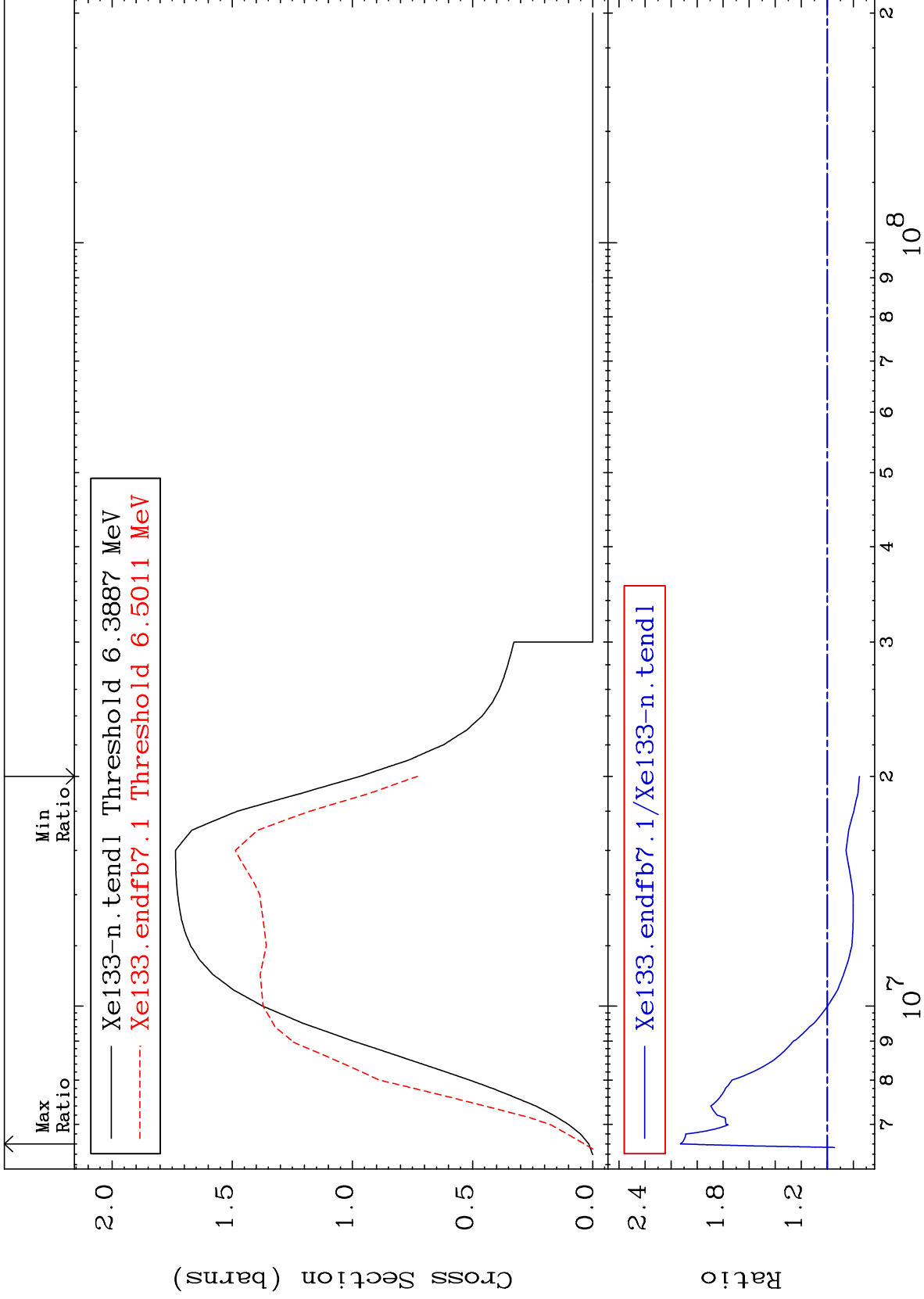
54-Xe-133
-66.12 To 33.10 %



MAT 5452

(n,2n)
Cross Section

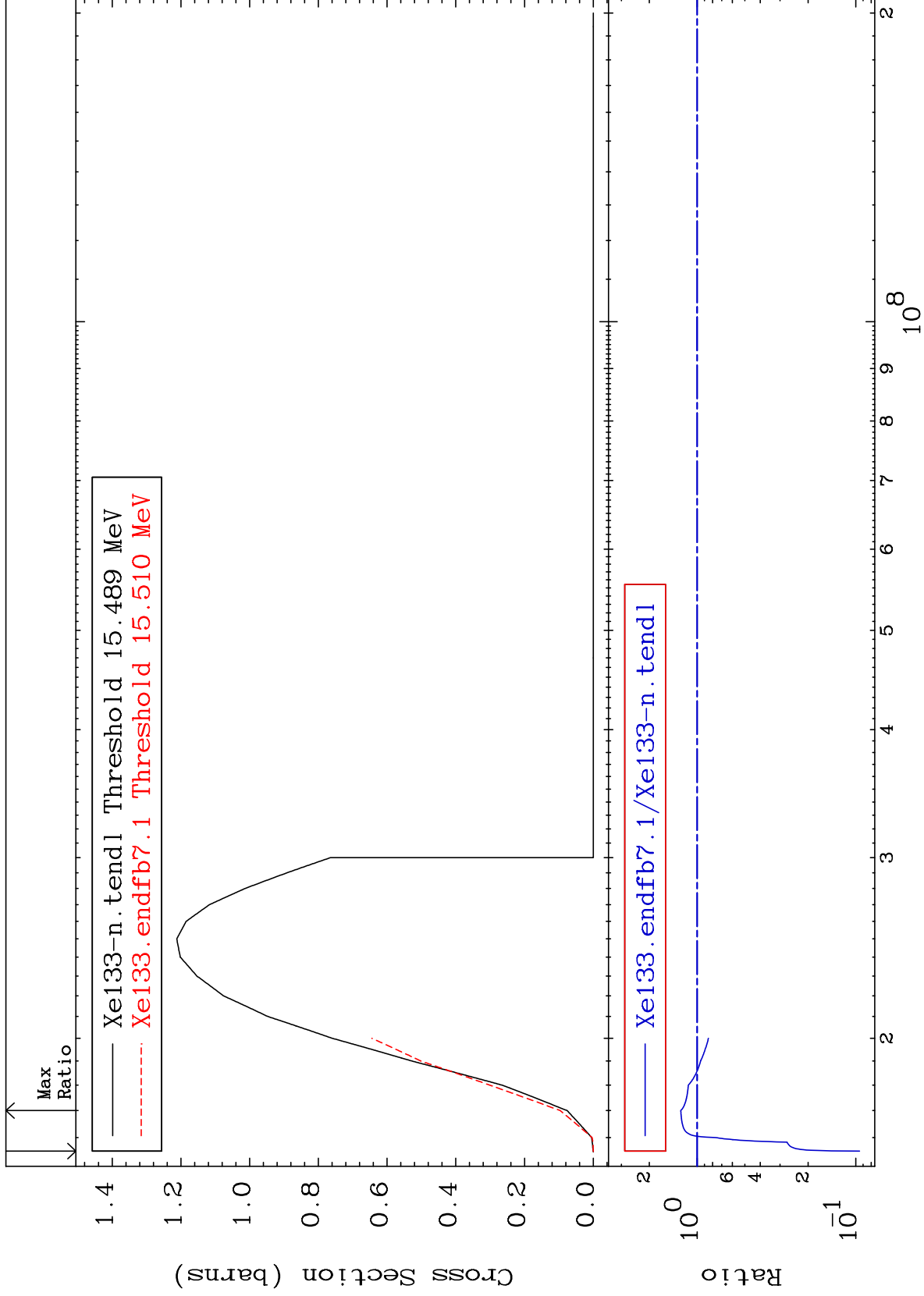
54-Xe-133
-24.64 To 112.9 %



MAT 5452

(n,3n)
Cross Section

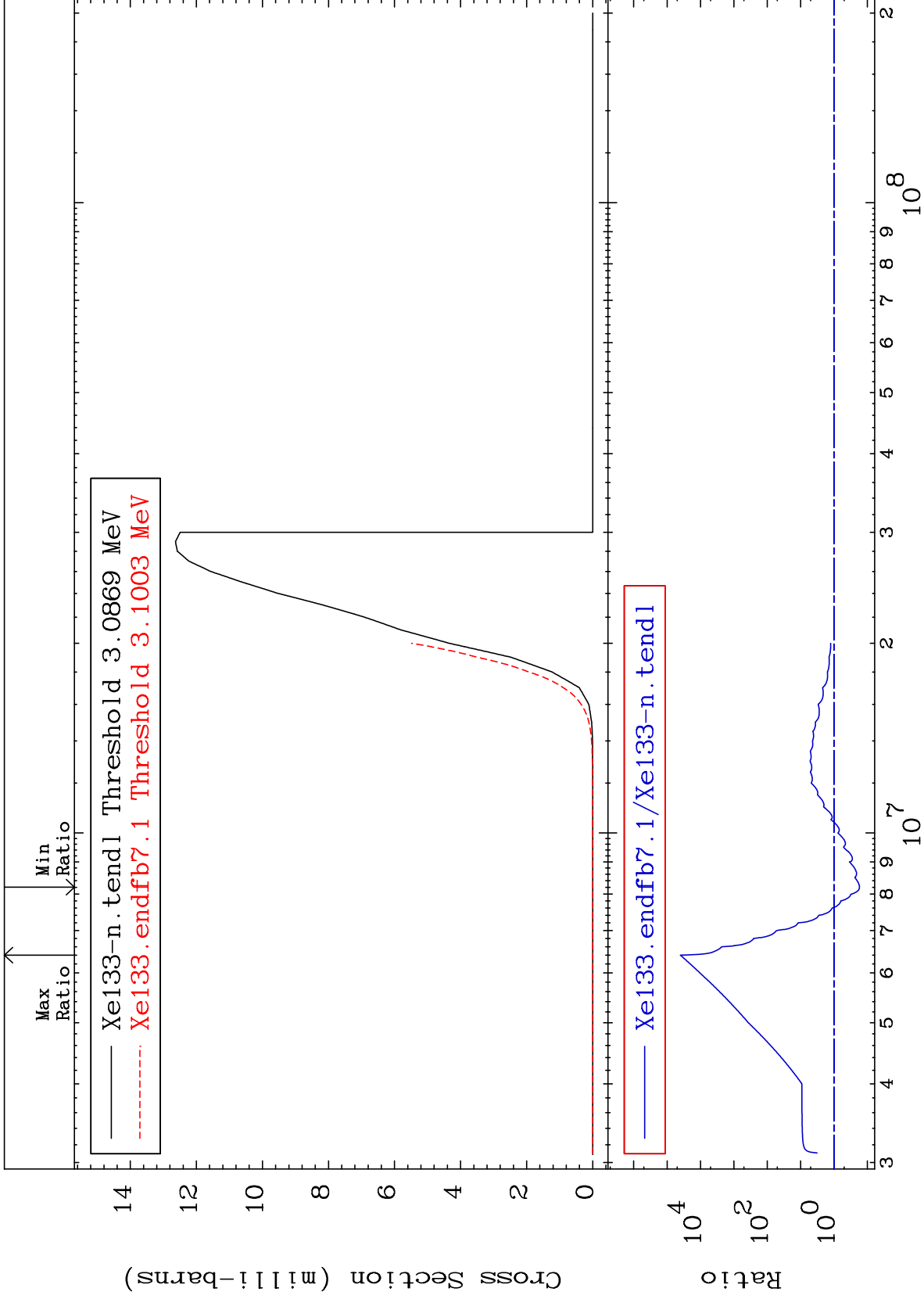
54-Xe-133
-90.52 To 26.74 %



MAT 5452

(n, n') α
Cross Section

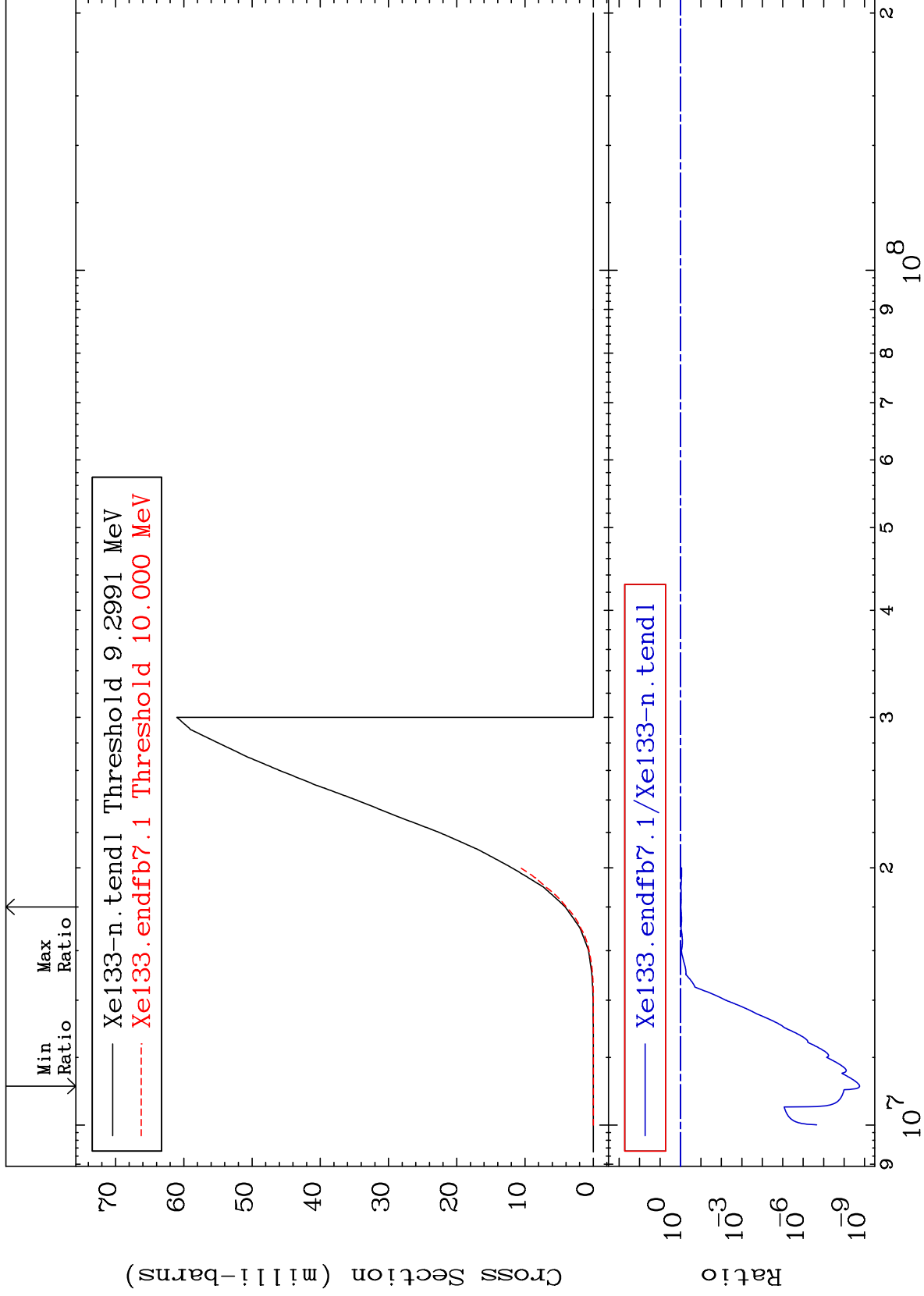
54-Xe-133
-82.62 To 9999. %



MAT 5452

(n,n') p
Cross Section

54-Xe-133
-100.0 To -3.213%



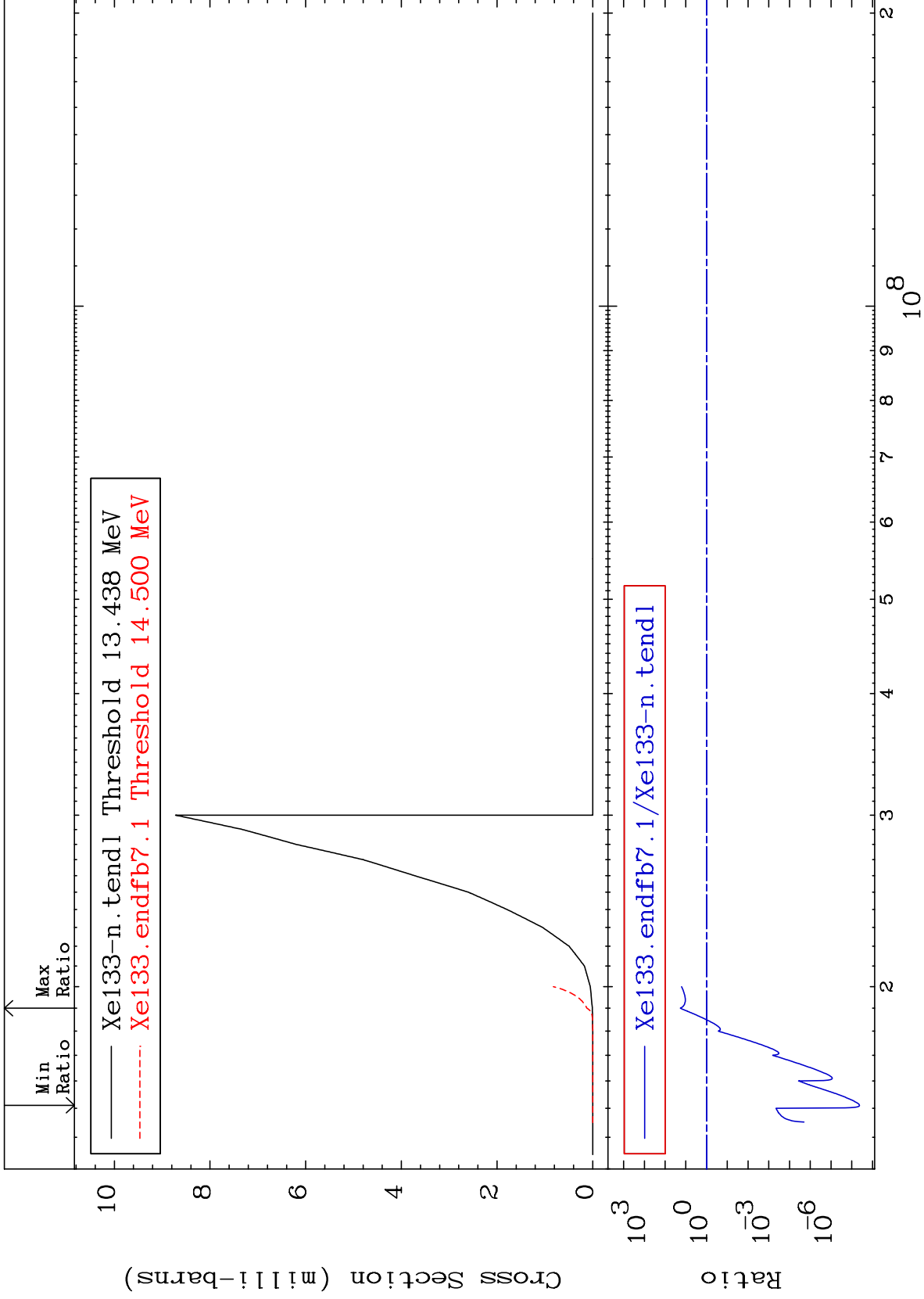
54-Xe-133

Incident Energy (eV)

MAT 5452

(n, n') d
Cross Section

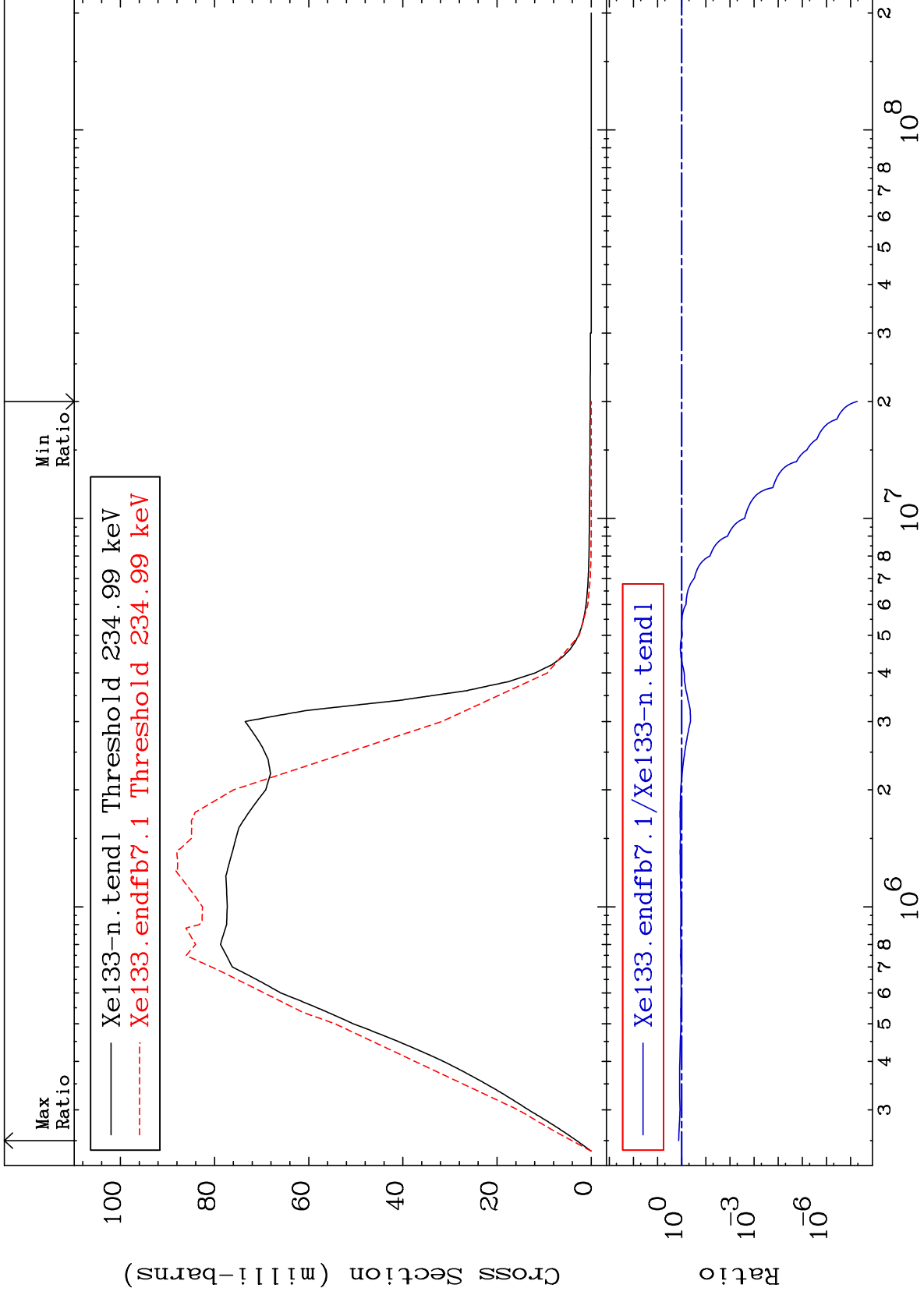
54-Xe-133
-100.0 To 1735. %



MAT 5452

233.2 keV (n,n') Level
Cross Section

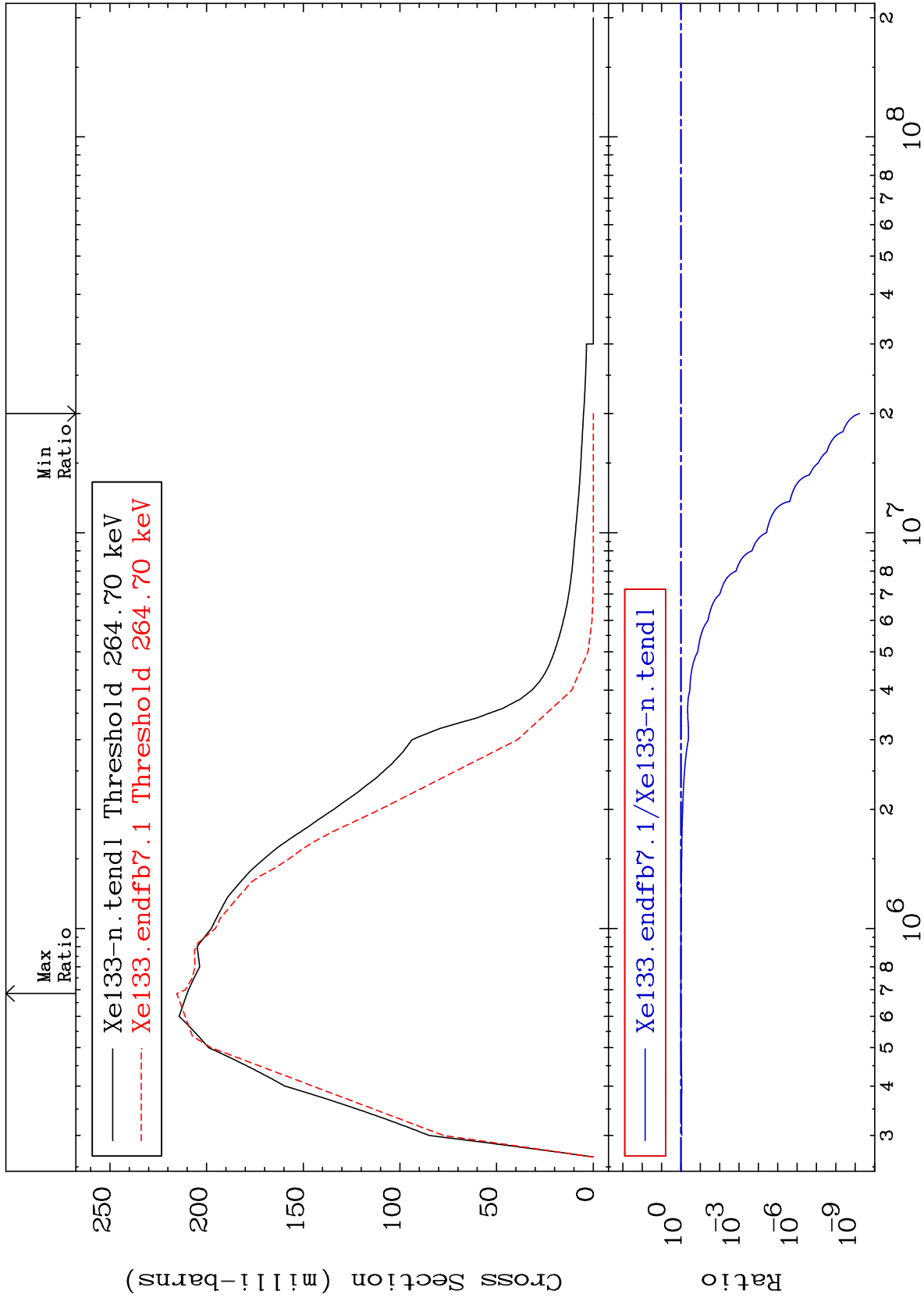
54-Xe-133
-100.0 To 33.10 %



MAT 5452

262.7 keV (n,n') Level
Cross Section

54-Xe-133
-100.0 To 2.558 %



10

Incident Energy (eV)

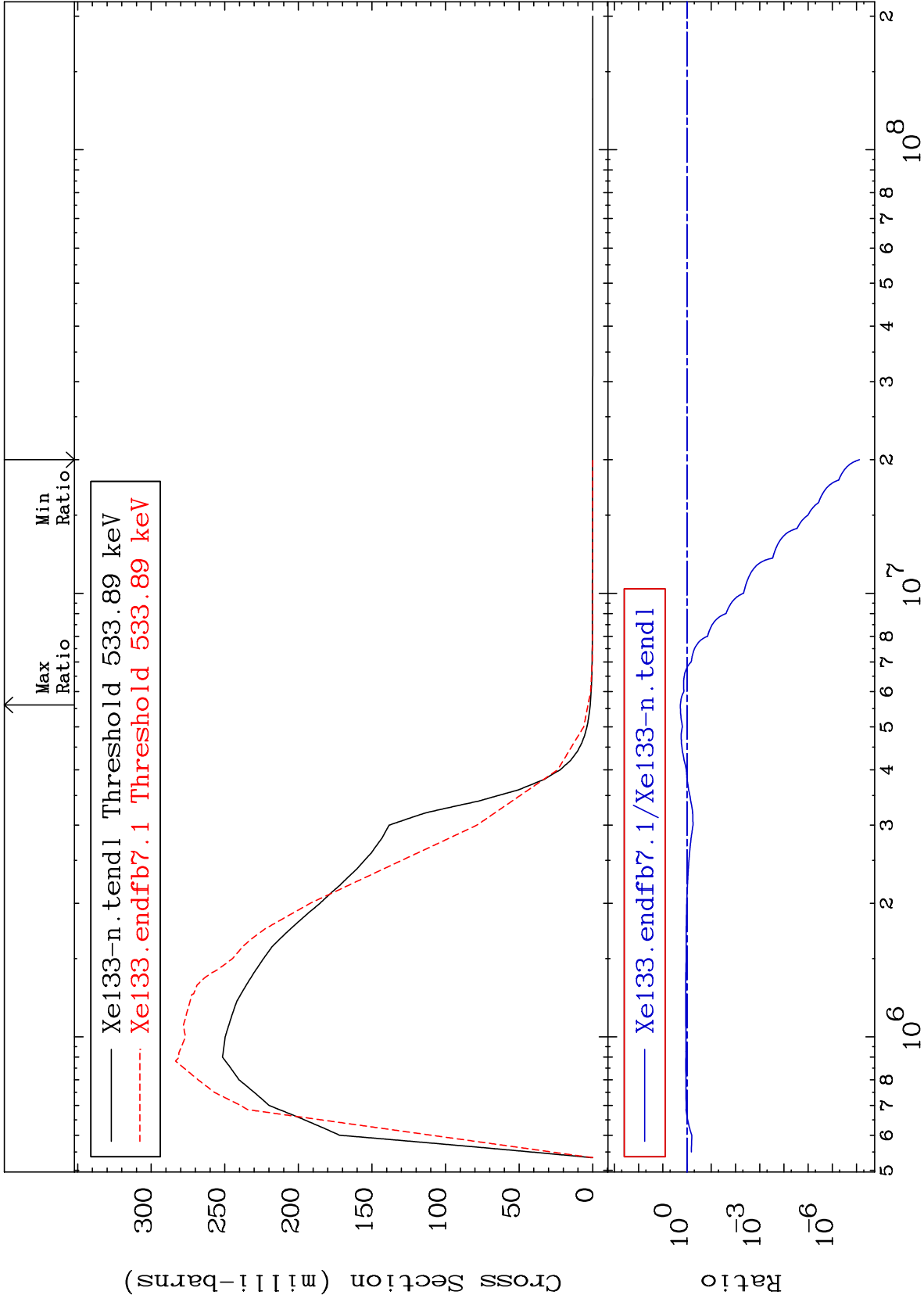
54-Xe-133

MAT 5452

529.9 keV (n,n') Level

54-Xe-133

-100.0 To 89.05 %



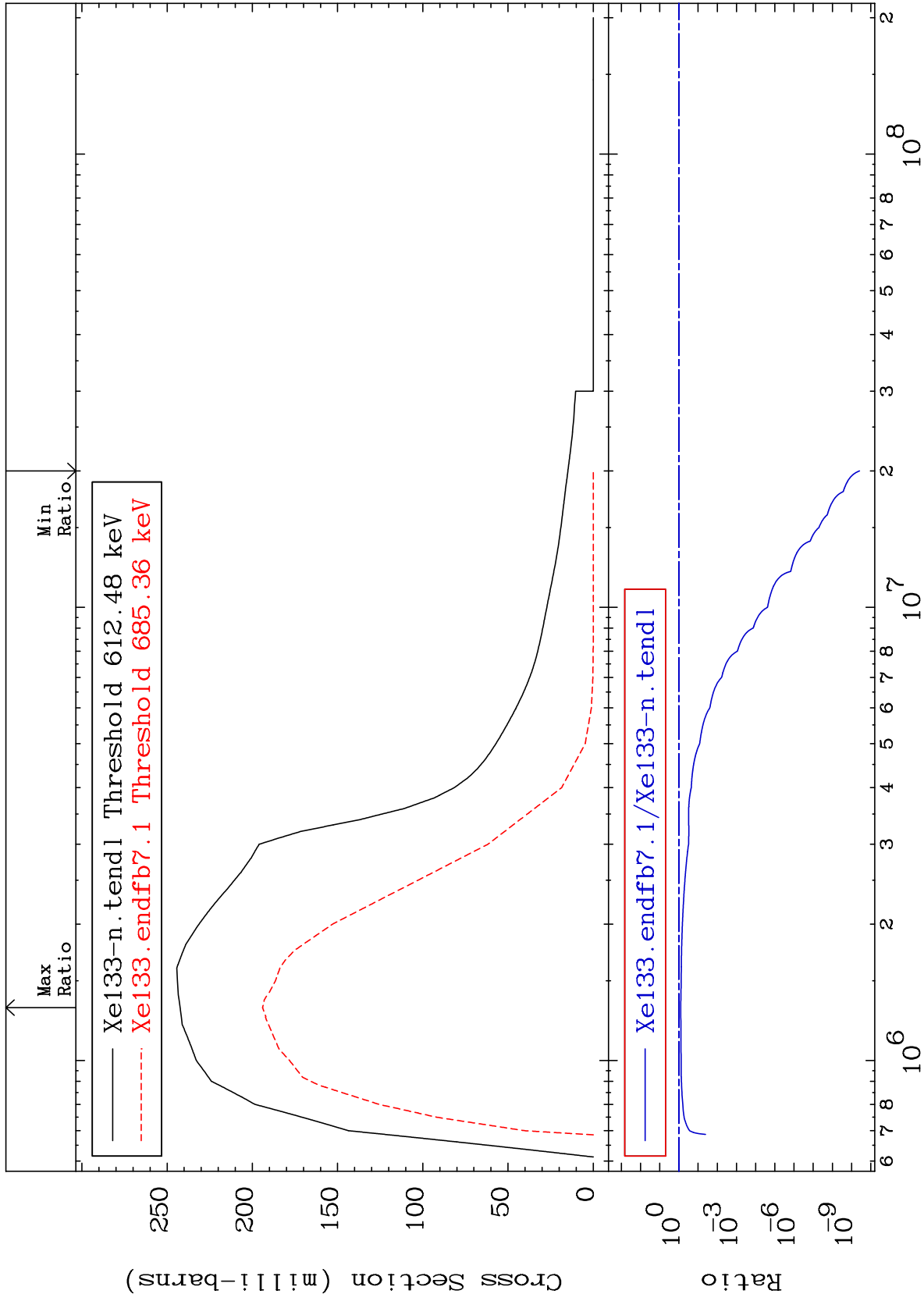
MAT 5452

607.9 keV (n,n') Level

54-Xe-133

-100.0 To -19.97%

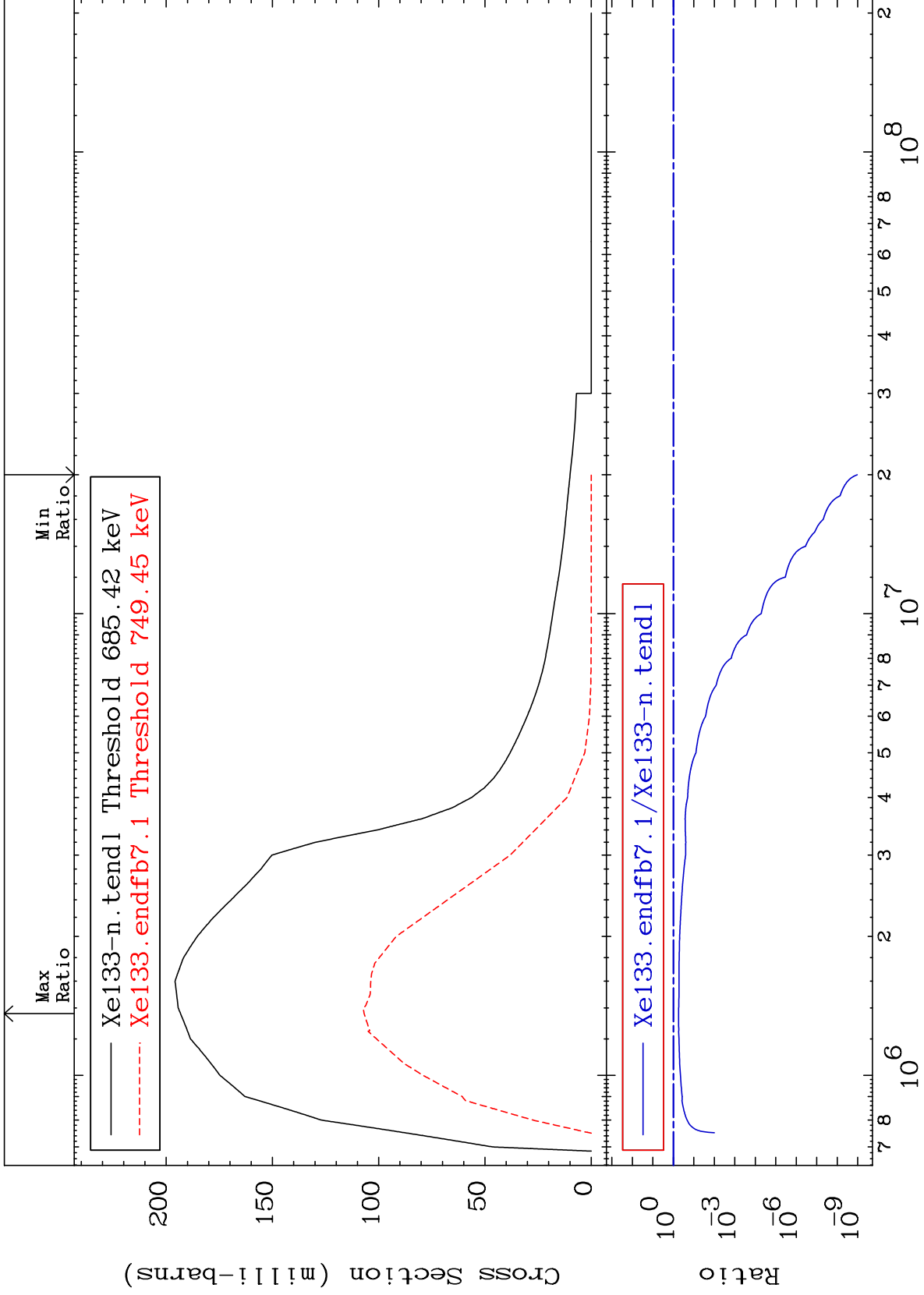
Cross Section



MAT 5452

680.3 keV (n,n') Level
Cross Section

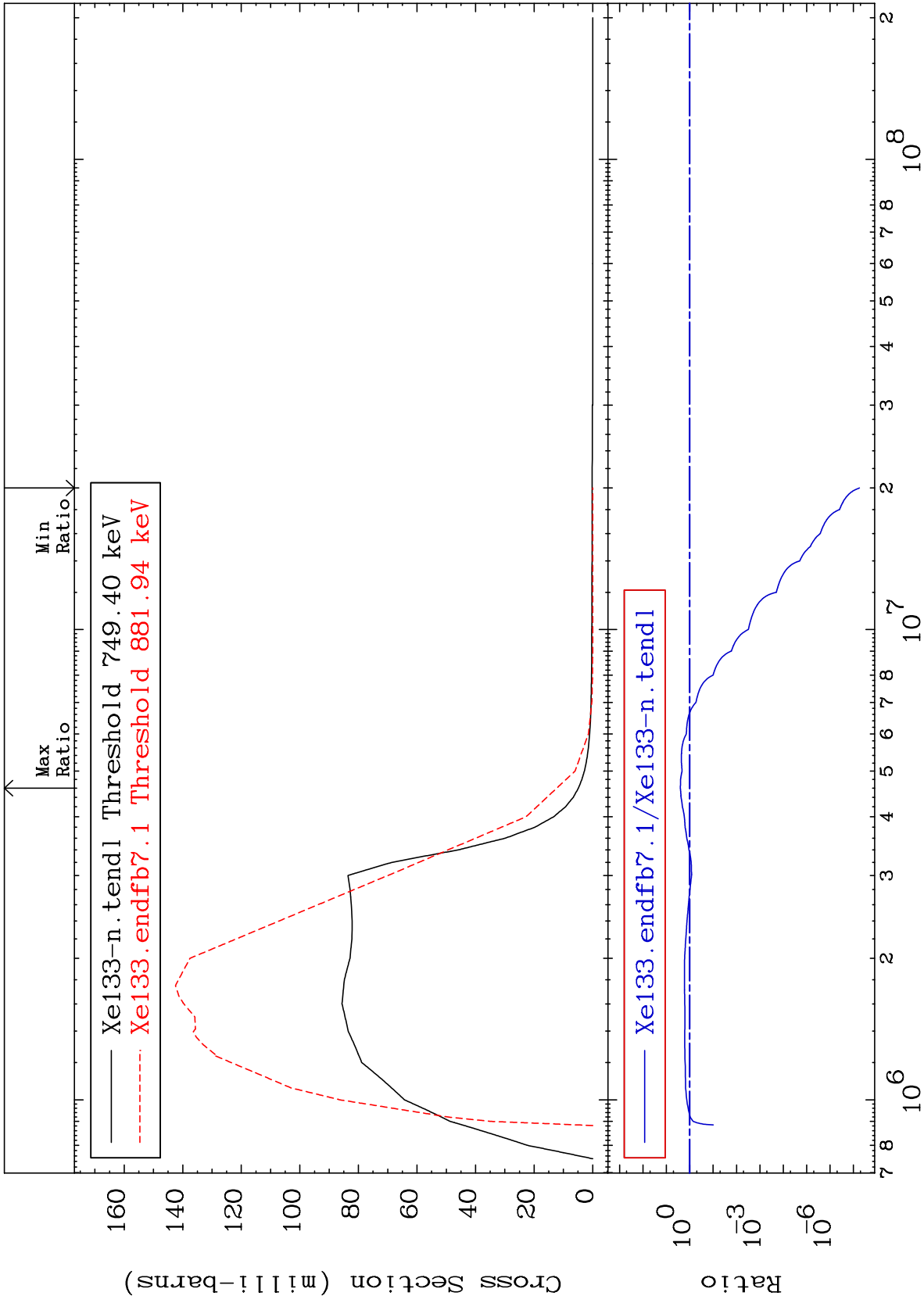
54-Xe-133
-100.0 To -44.69%



MAT 5452

743.8 keV (n,n') Level
Cross Section

54-Xe-133
-100.0 To 151.7 %



14

Incident Energy (eV)

54-Xe-133

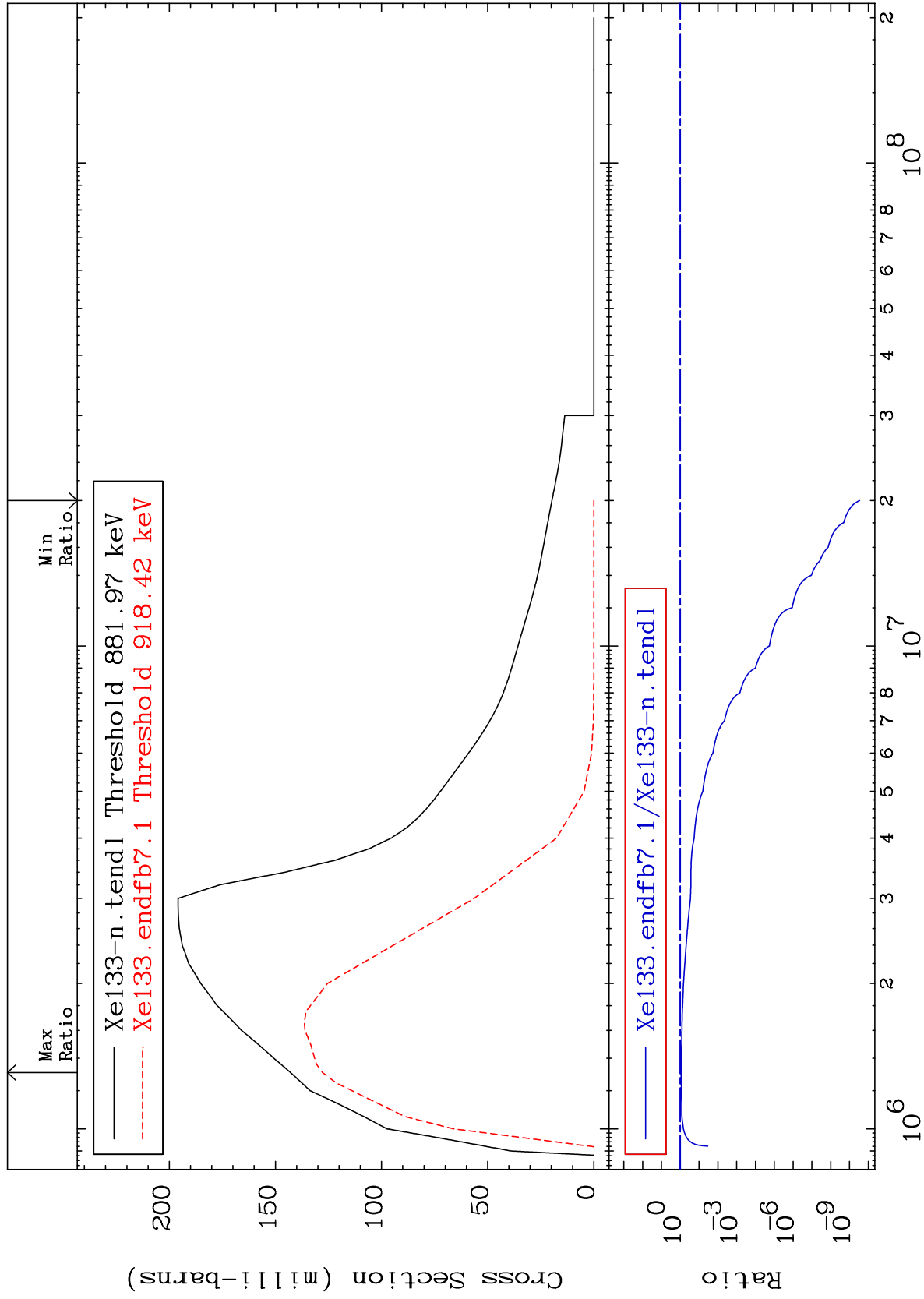
MAT 5452

875.3 keV (n,n') Level

54-Xe-133

-100.0 To -10.58%

Cross Section



15

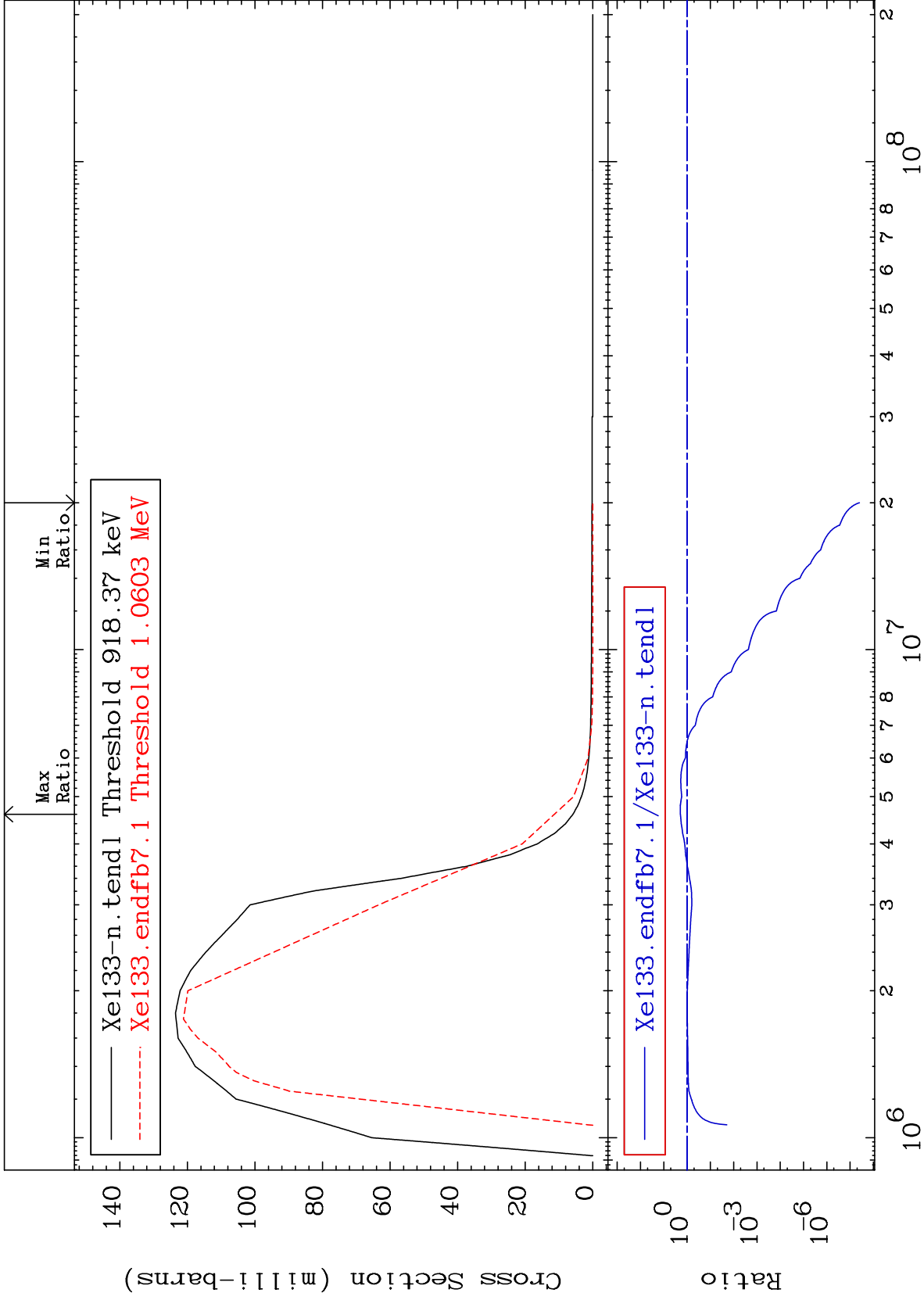
Incident Energy (eV)

54-Xe-133

MAT 5452

911.5 keV (n,n') Level
Cross Section

54-Xe-133
-100.0 To 94.07 %



16

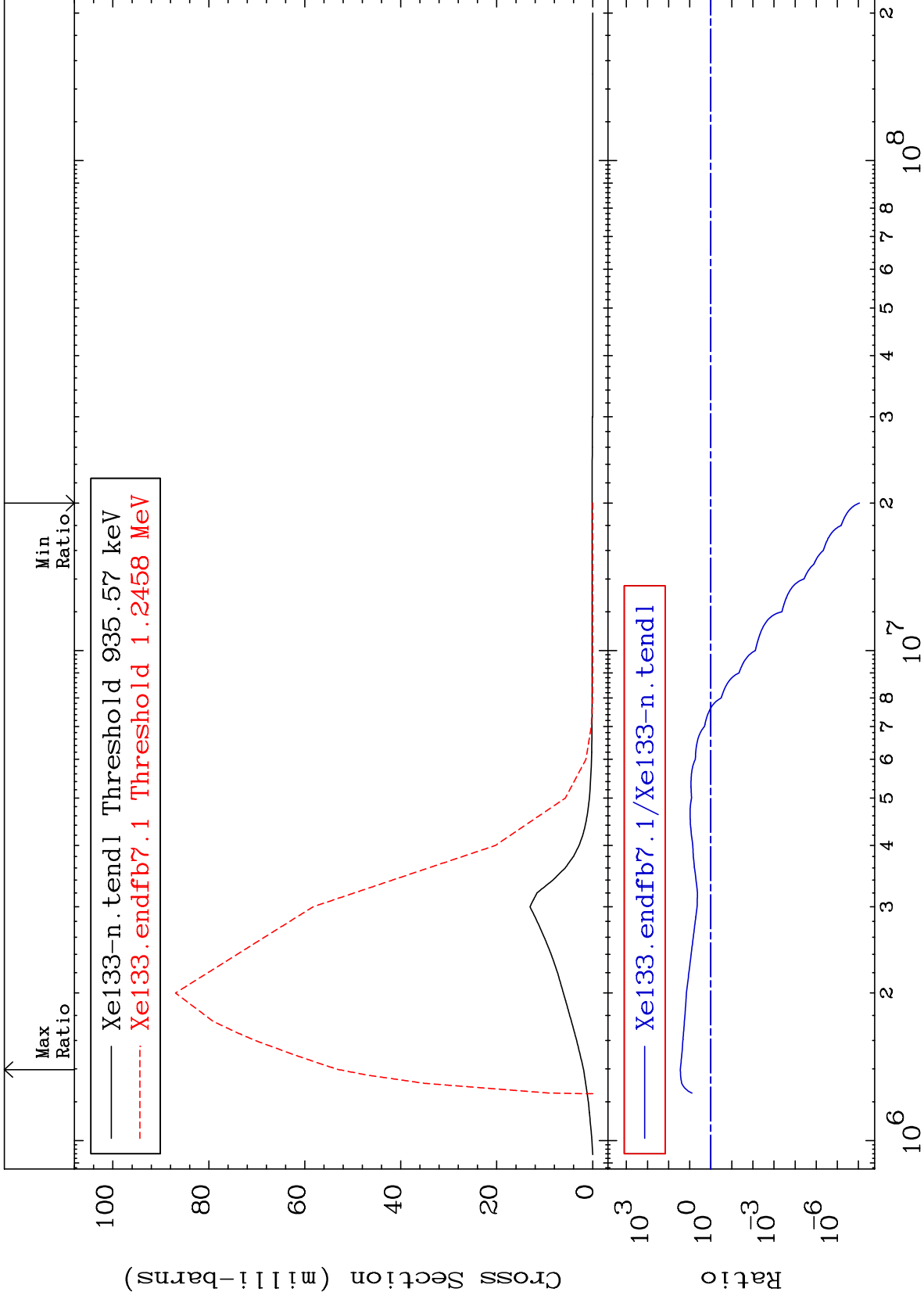
Incident Energy (eV)

54-Xe-133

MAT 5452

928.5 keV (n,n') Level
Cross Section

54-Xe-133
-100.0 To 2665. %



17

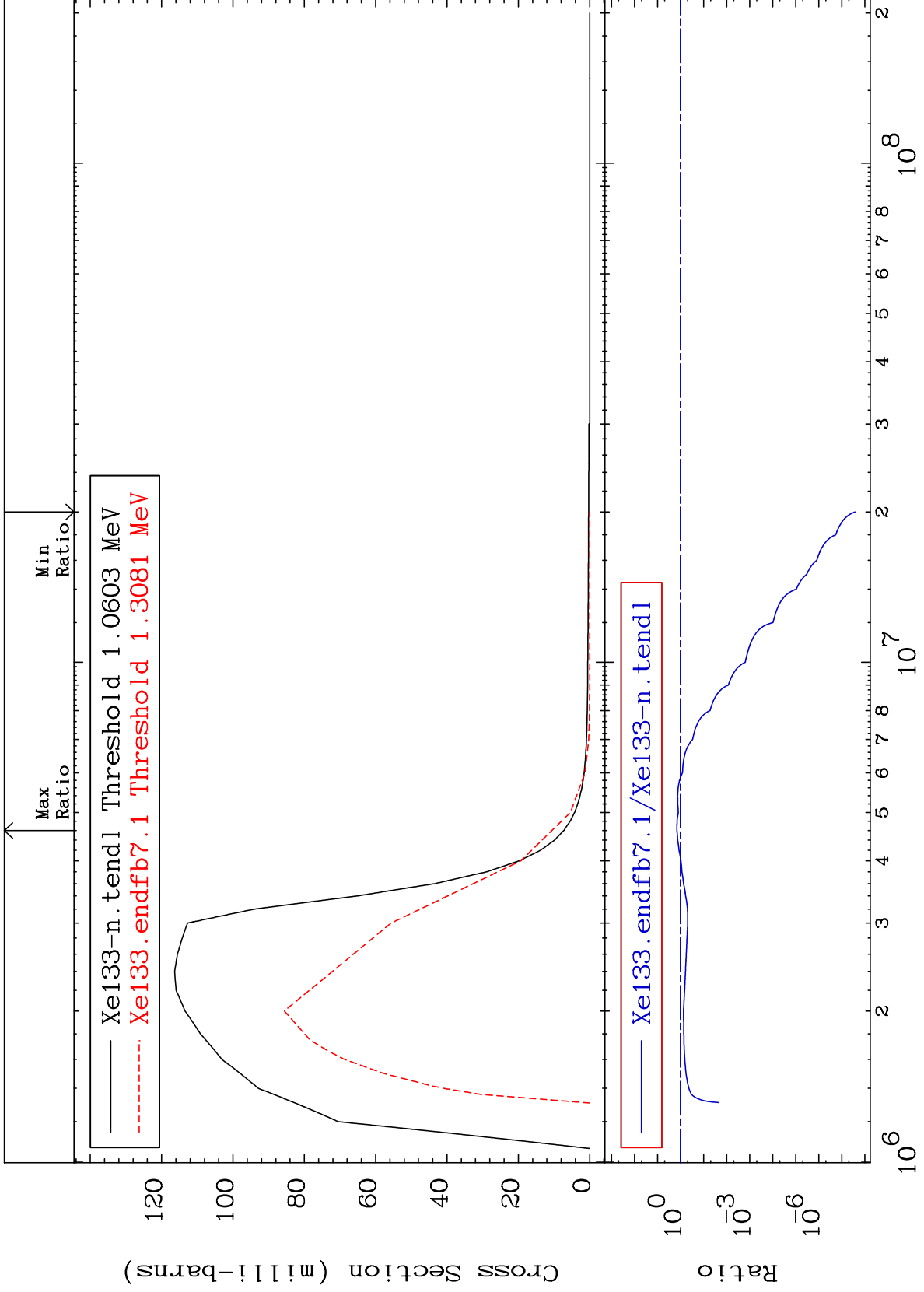
Incident Energy (eV)

54-Xe-133

MAT 5452

1.052 MeV (n,n') Level
Cross Section

54-Xe-133
-100.0 To 45.88 %



18

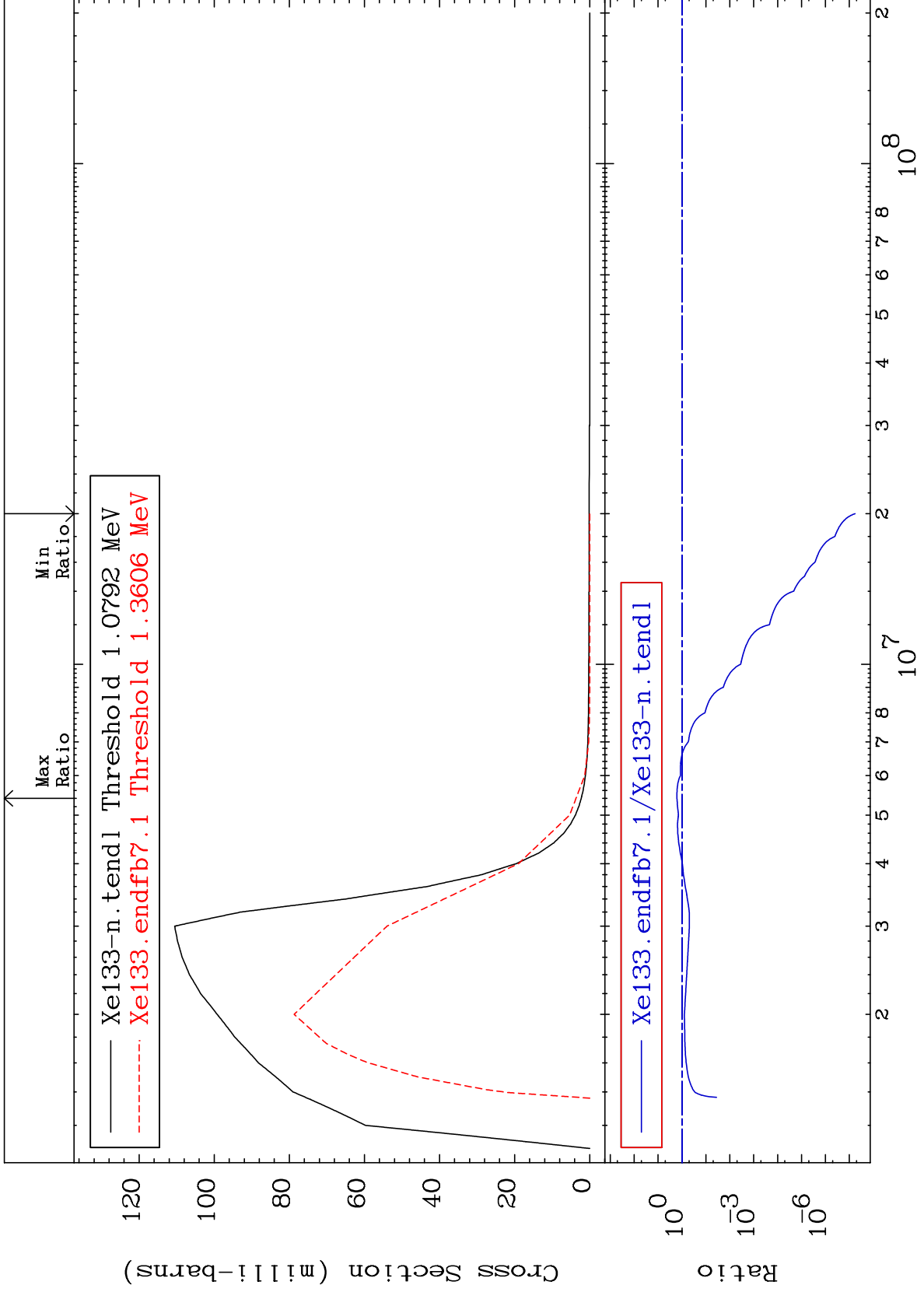
Incident Energy (eV)

54-Xe-133

MAT 5452

1.071 MeV (n,n') Level
Cross Section

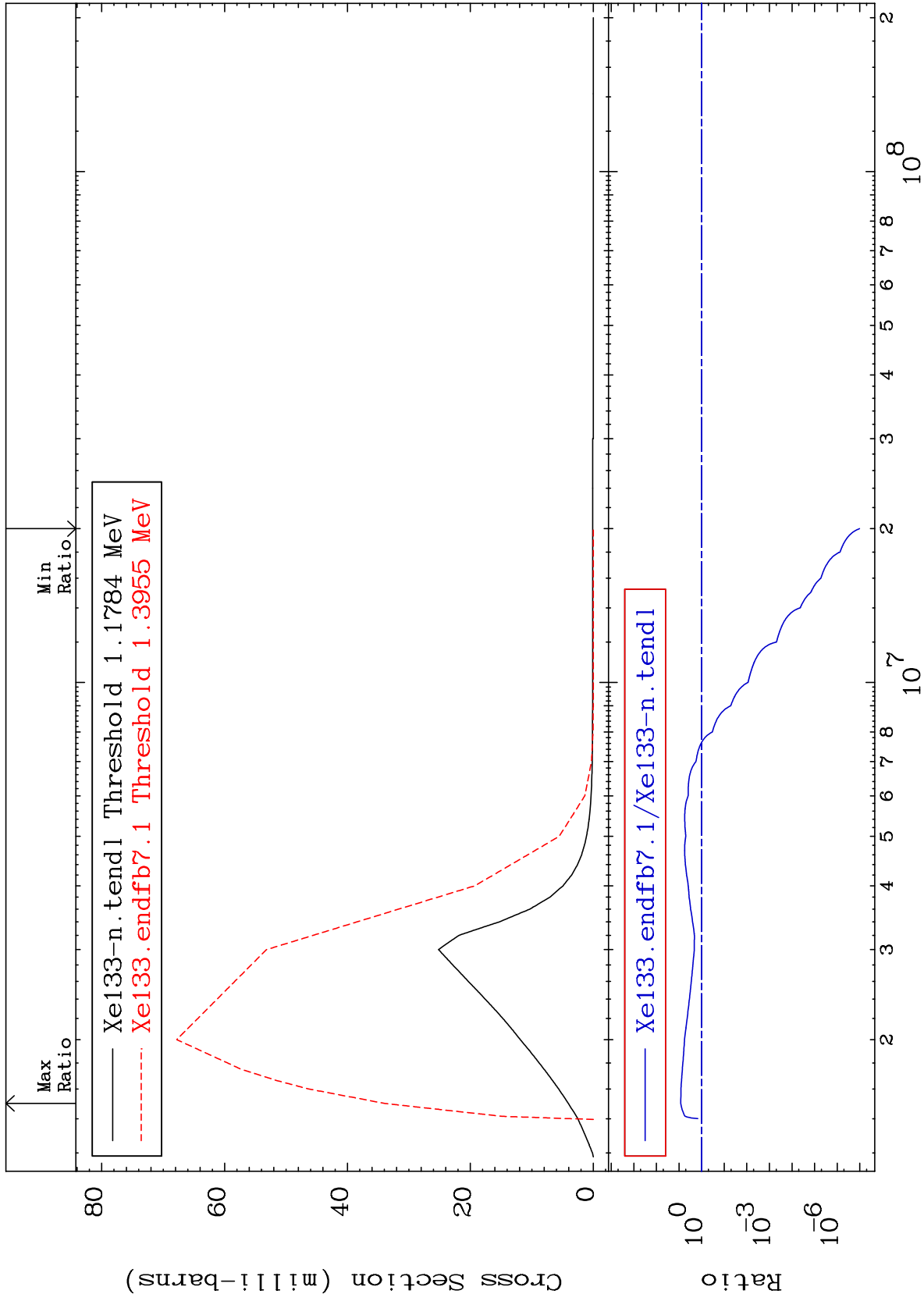
54-Xe-133
-100.0 To 62.64 %



MAT 5452

1.170 MeV (n,n') Level
Cross Section

54-Xe-133
-100.0 To 736.0 %



20

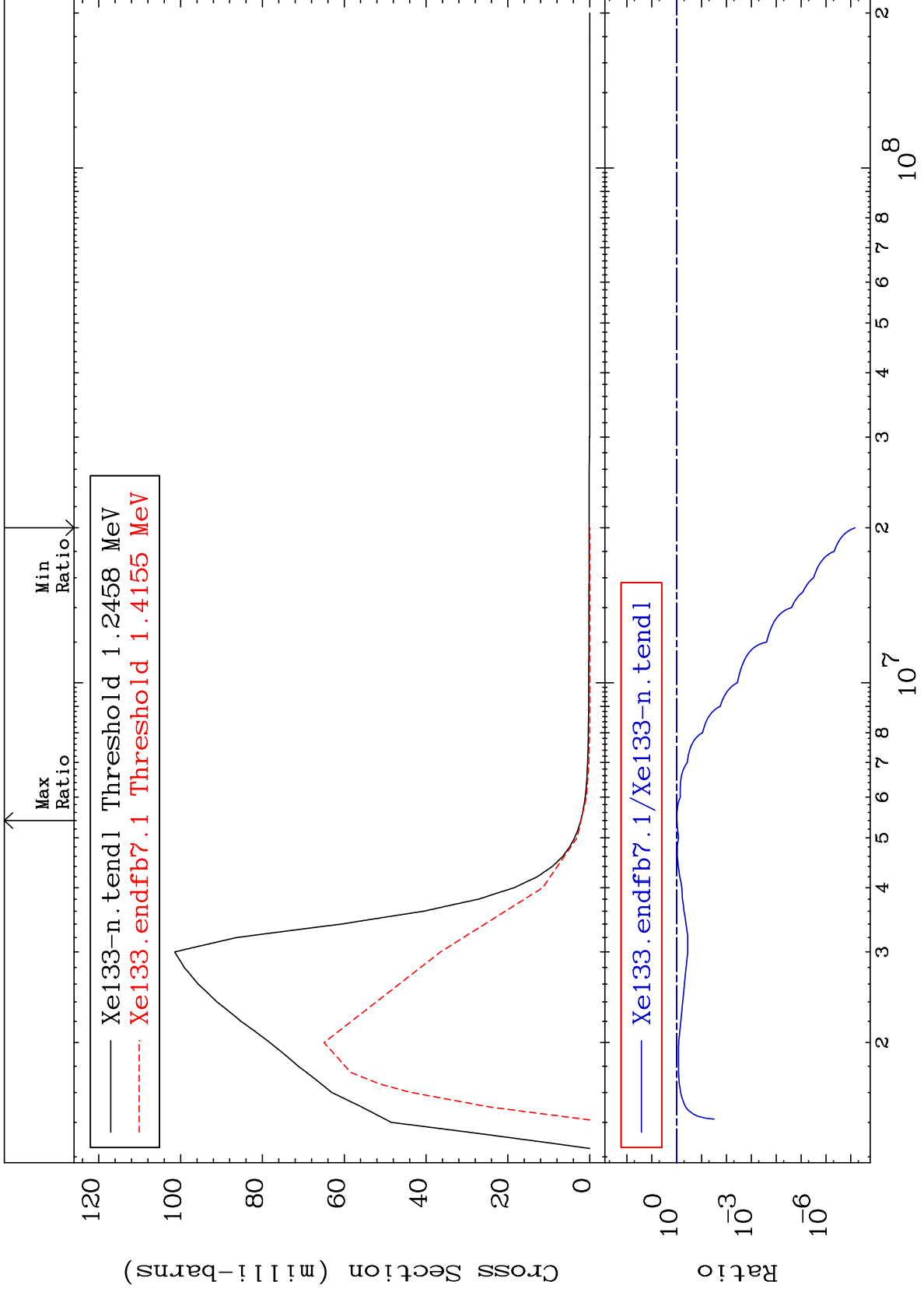
54-Xe-133

54-Xe-133

MAT 5452

1.236 MeV (n,n') Level
Cross Section

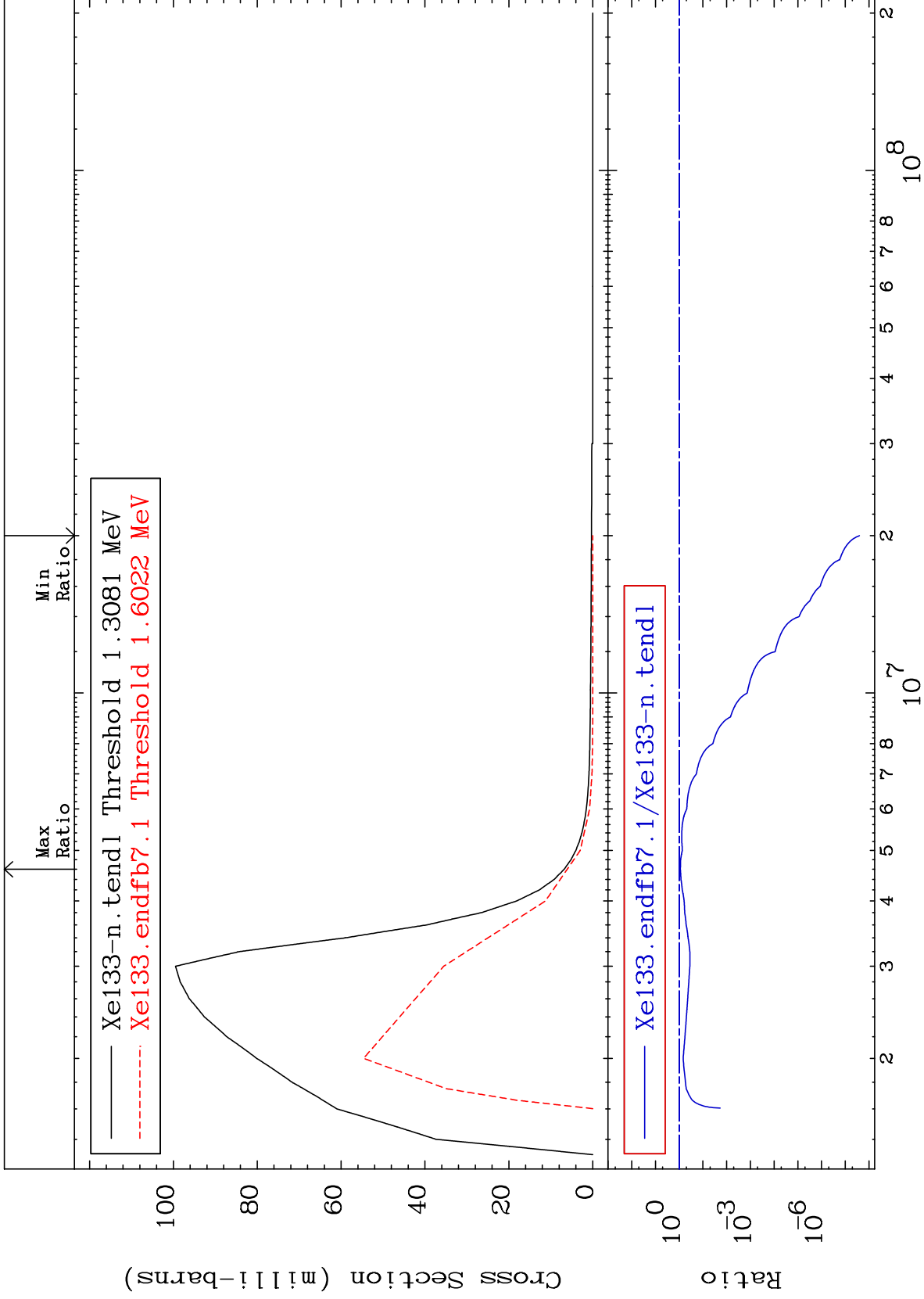
54-Xe-133
-100.0 To -2.478%

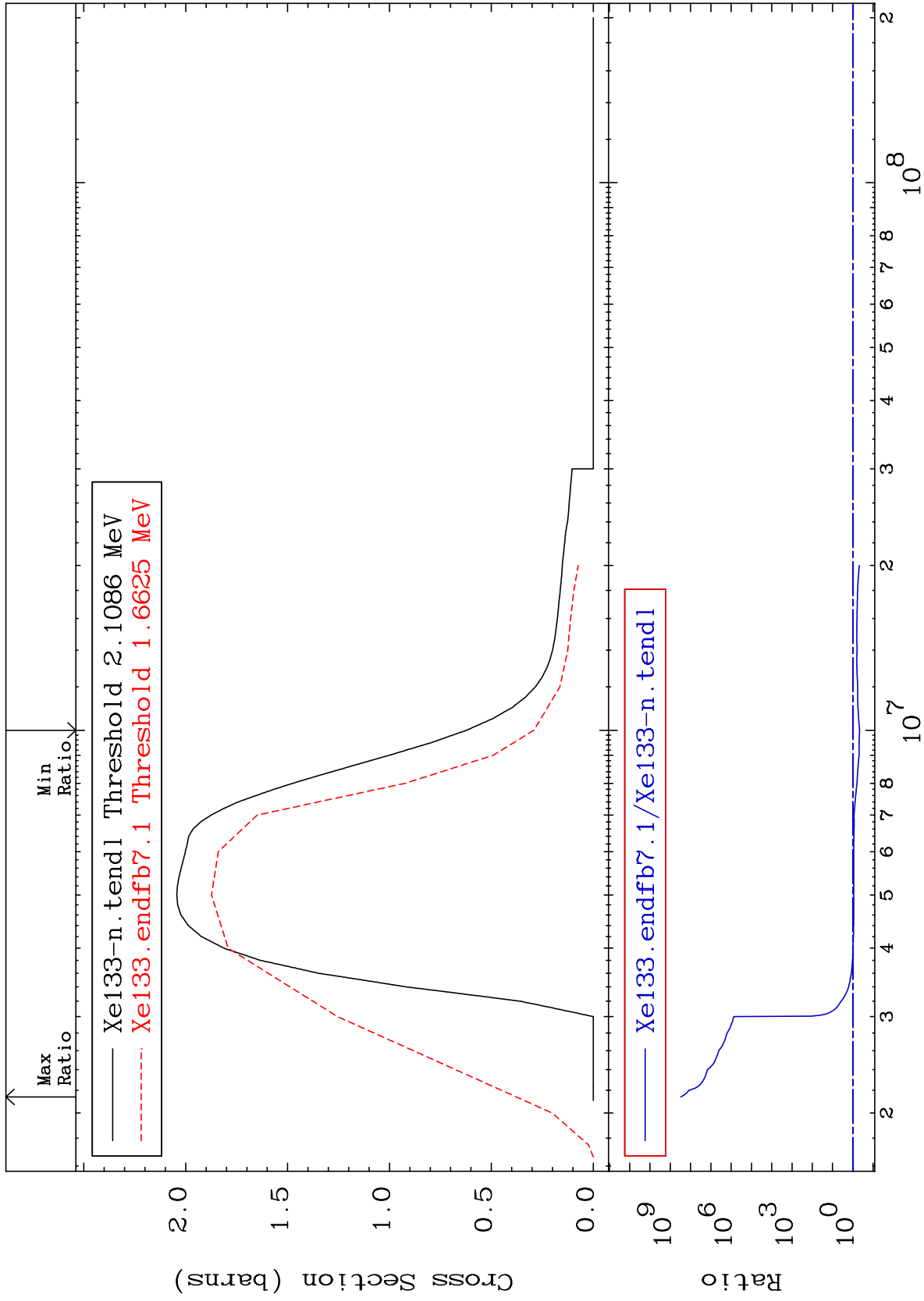


MAT 5452

1.298 MeV (n,n') Level
Cross Section

54-Xe-133
-100.0 To -10.58%

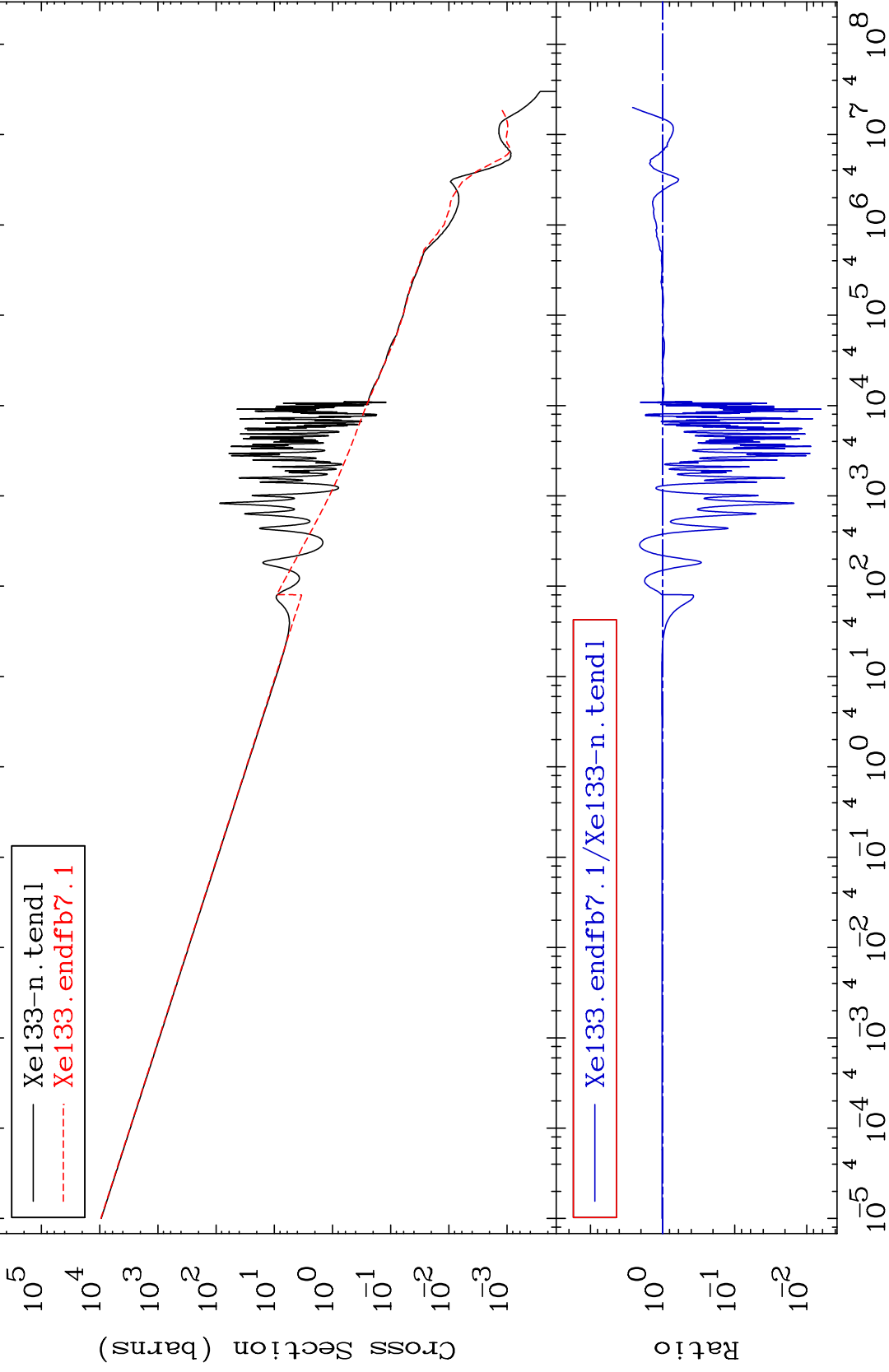




MAT 5452

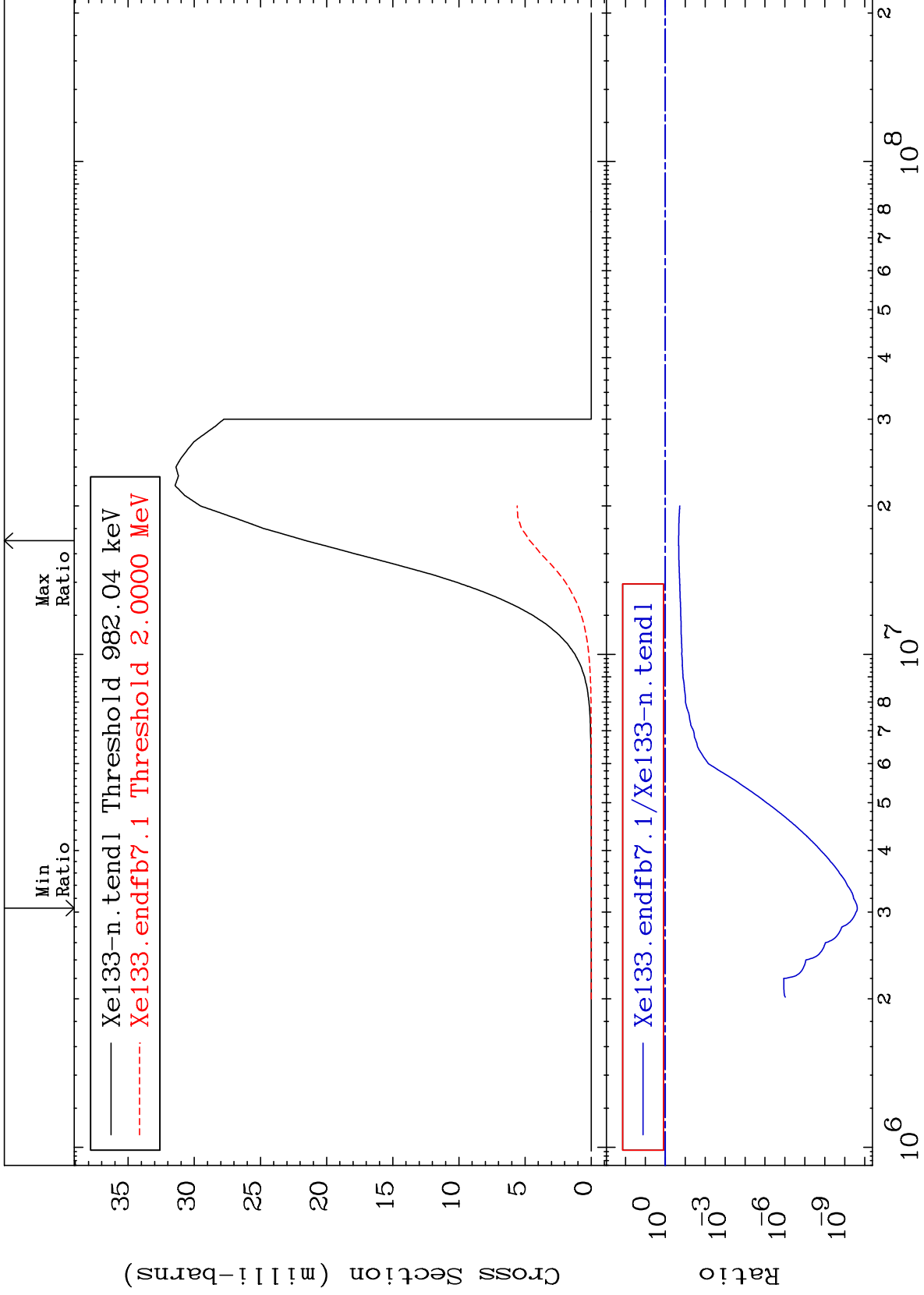
(n, γ)
Cross Section

54-Xe-133
-99.37 To 162.1 %



MAT 5452

(n, p)
Cross Section
54-Xe-133
-100.0 To -78.47%



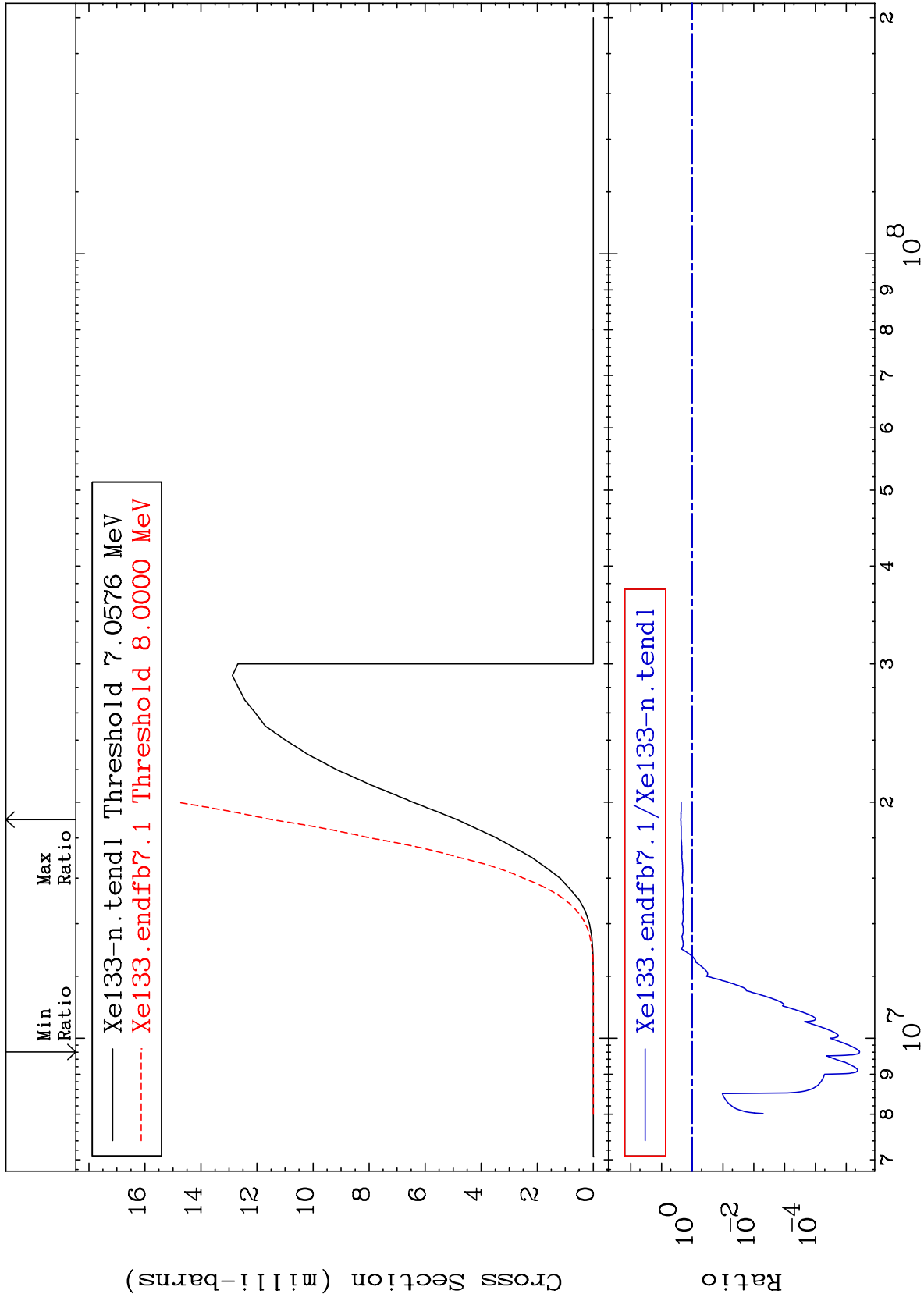
25

Incident Energy (eV)

54-Xe-133

Cross Section

-100.0 To 136.2 %



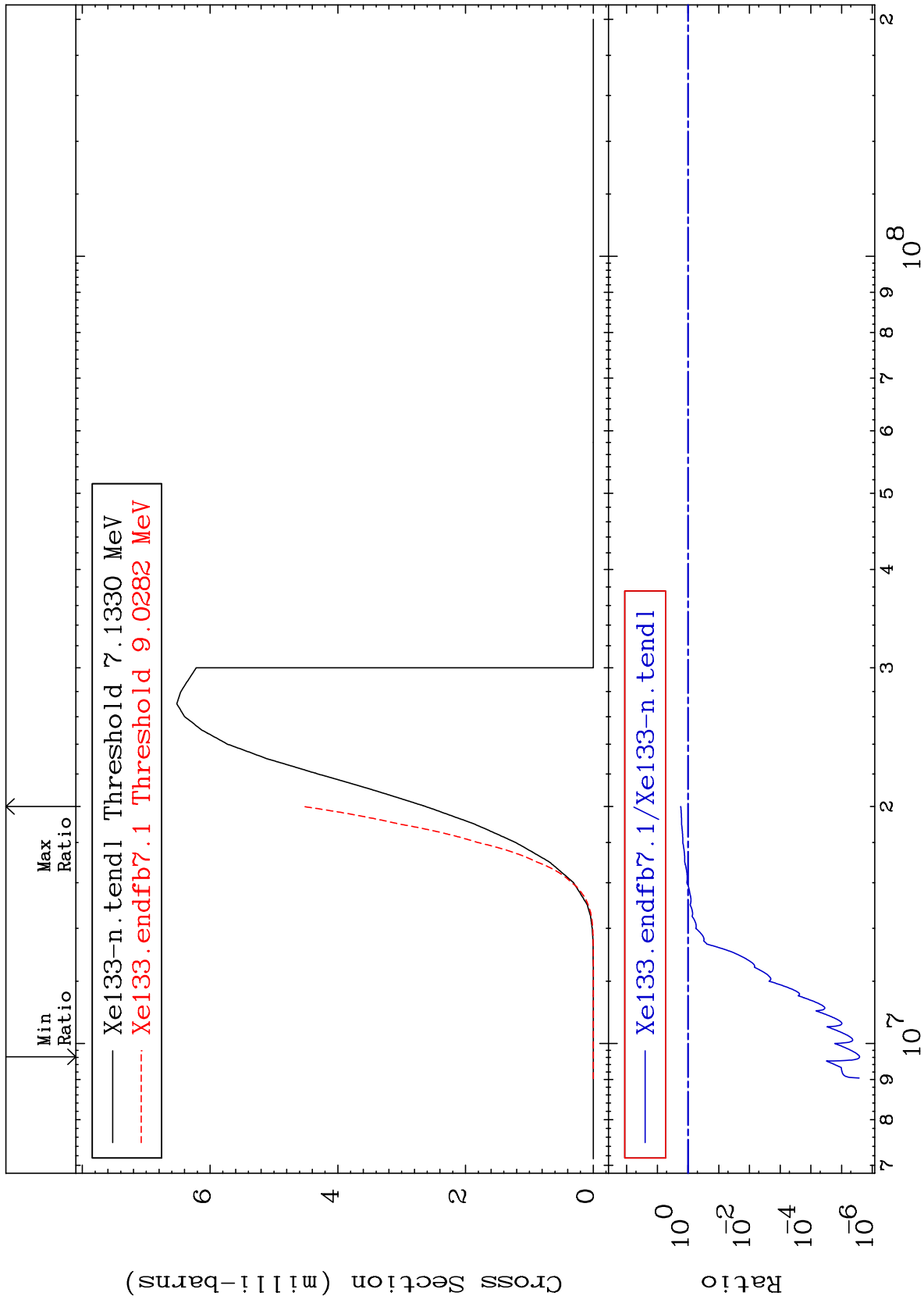
MAT 5452

(n, t)

54-Xe-133

Cross Section

-100.0 To 72.80 %



27

Incident Energy (eV)

54-Xe-133

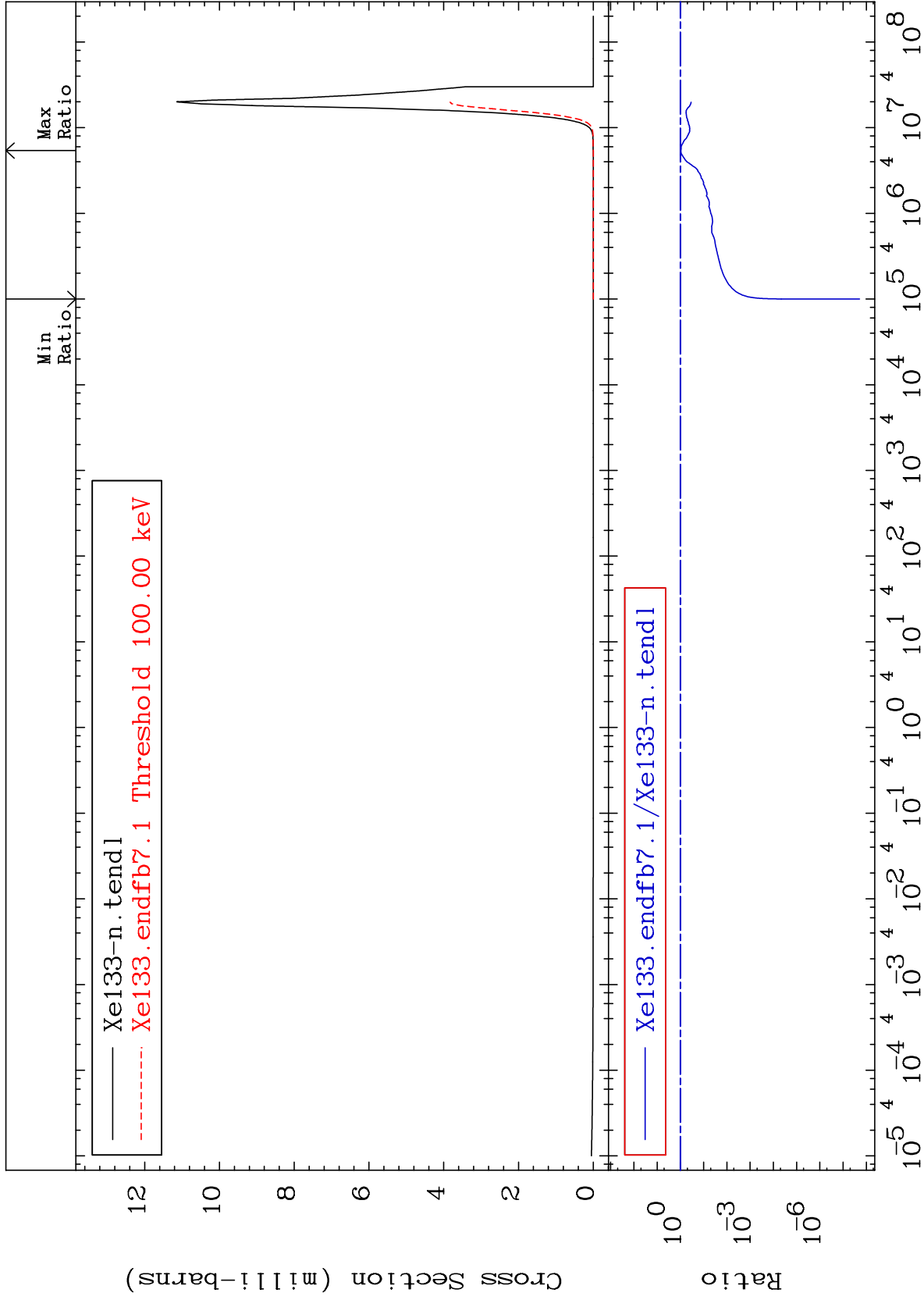
MAT 5452

(n, α)

54-Xe-133

Cross Section

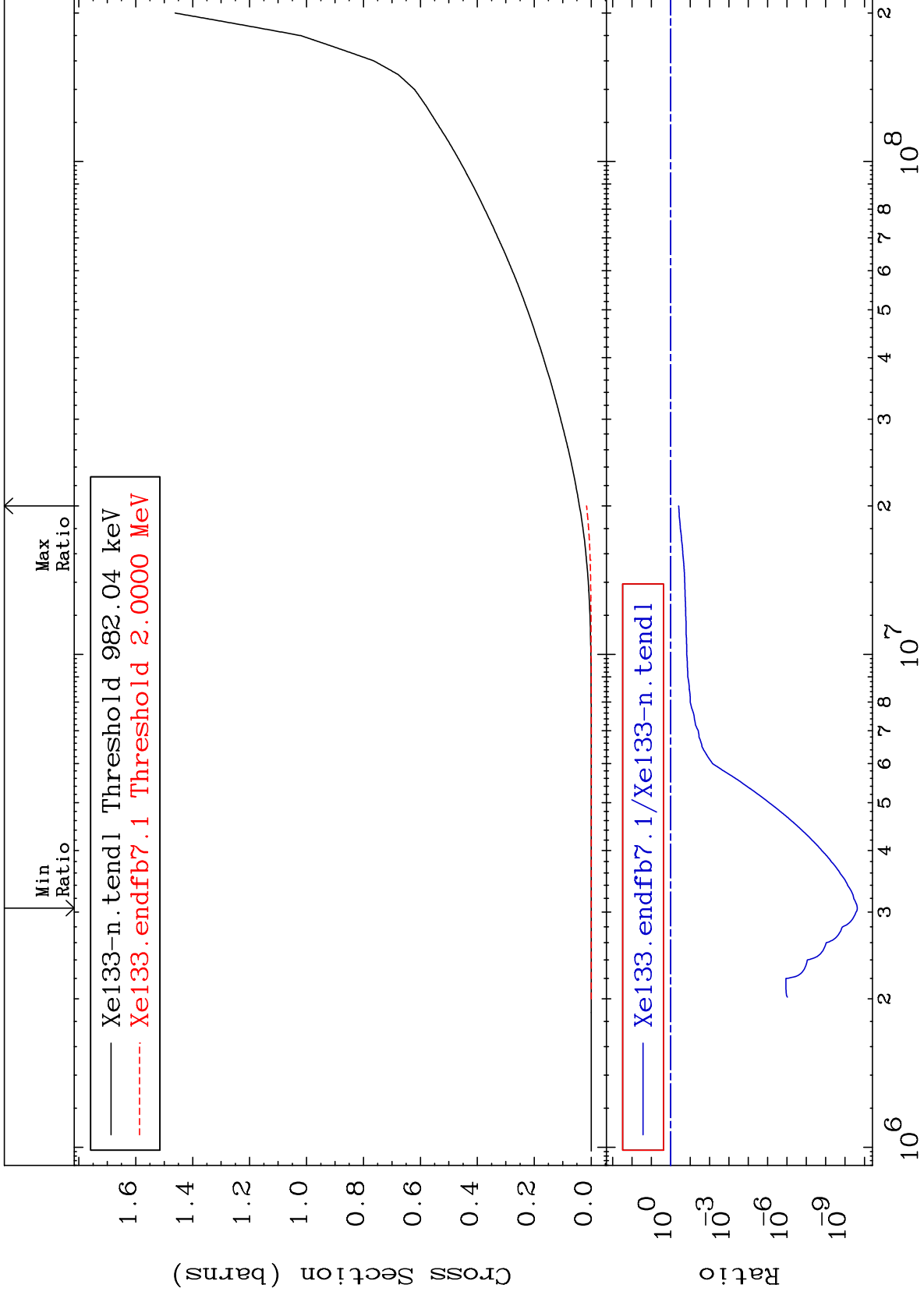
-100.0 To -3.572%



MAT 5452

Hydrogen Production
Cross Section

54-Xe-133
-100.0 To -60.72%



29

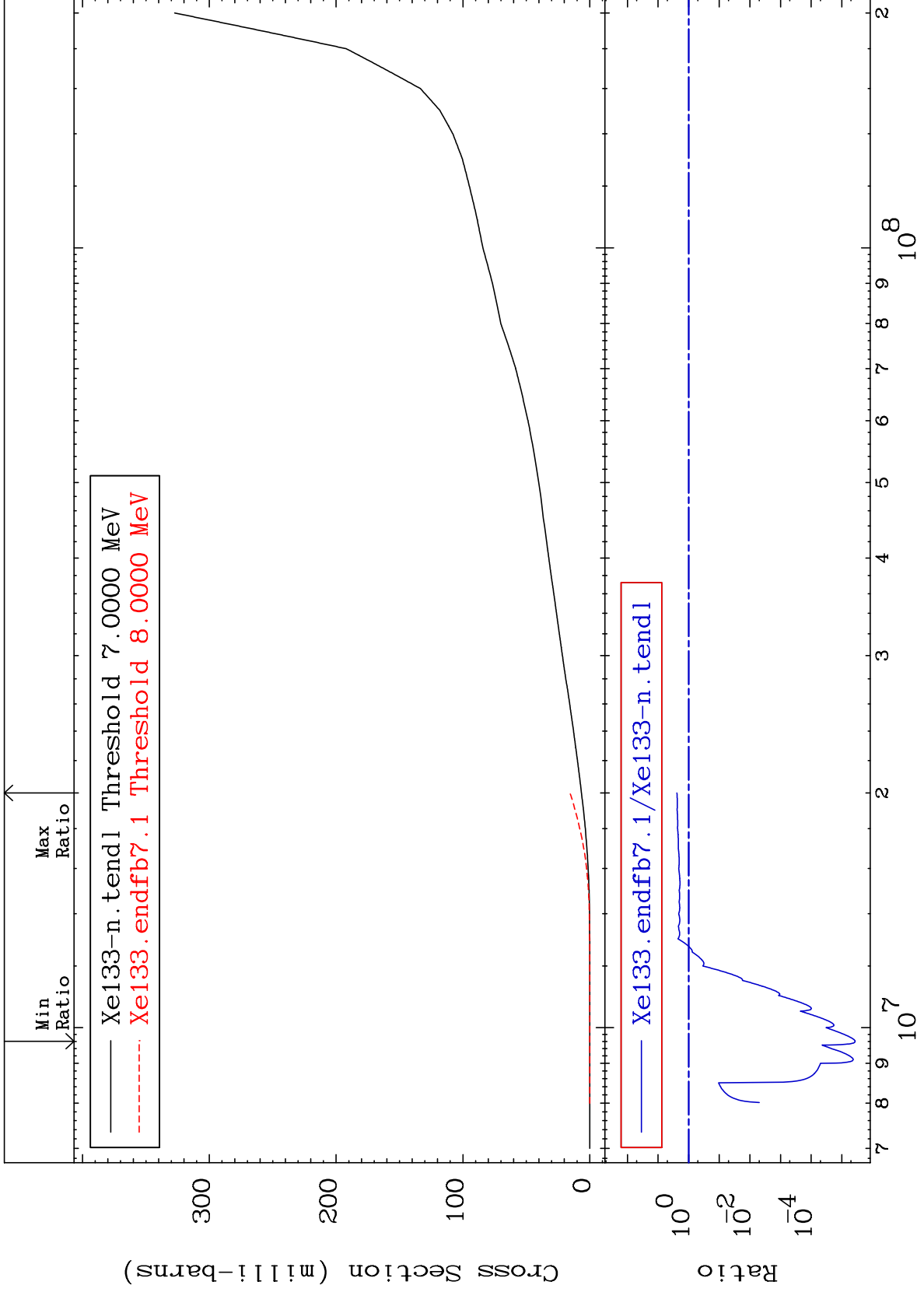
Incident Energy (eV)

54-Xe-133

MAT 5452

Deuterium Production
Cross Section

54-Xe-133
-100.0 To 141.7 %



30

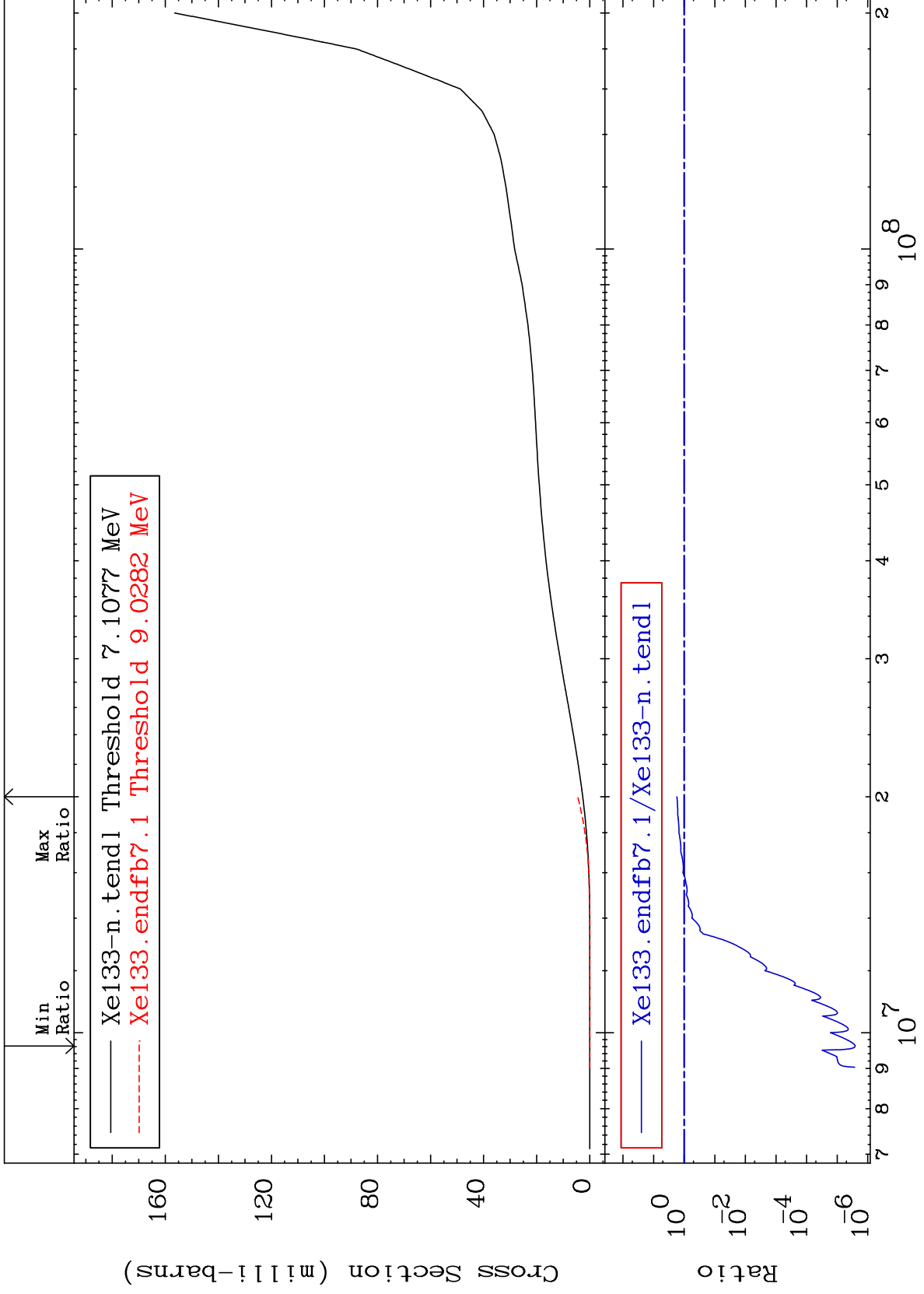
Incident Energy (eV)

54-Xe-133

MAT 5452

Tritium Production
Cross Section

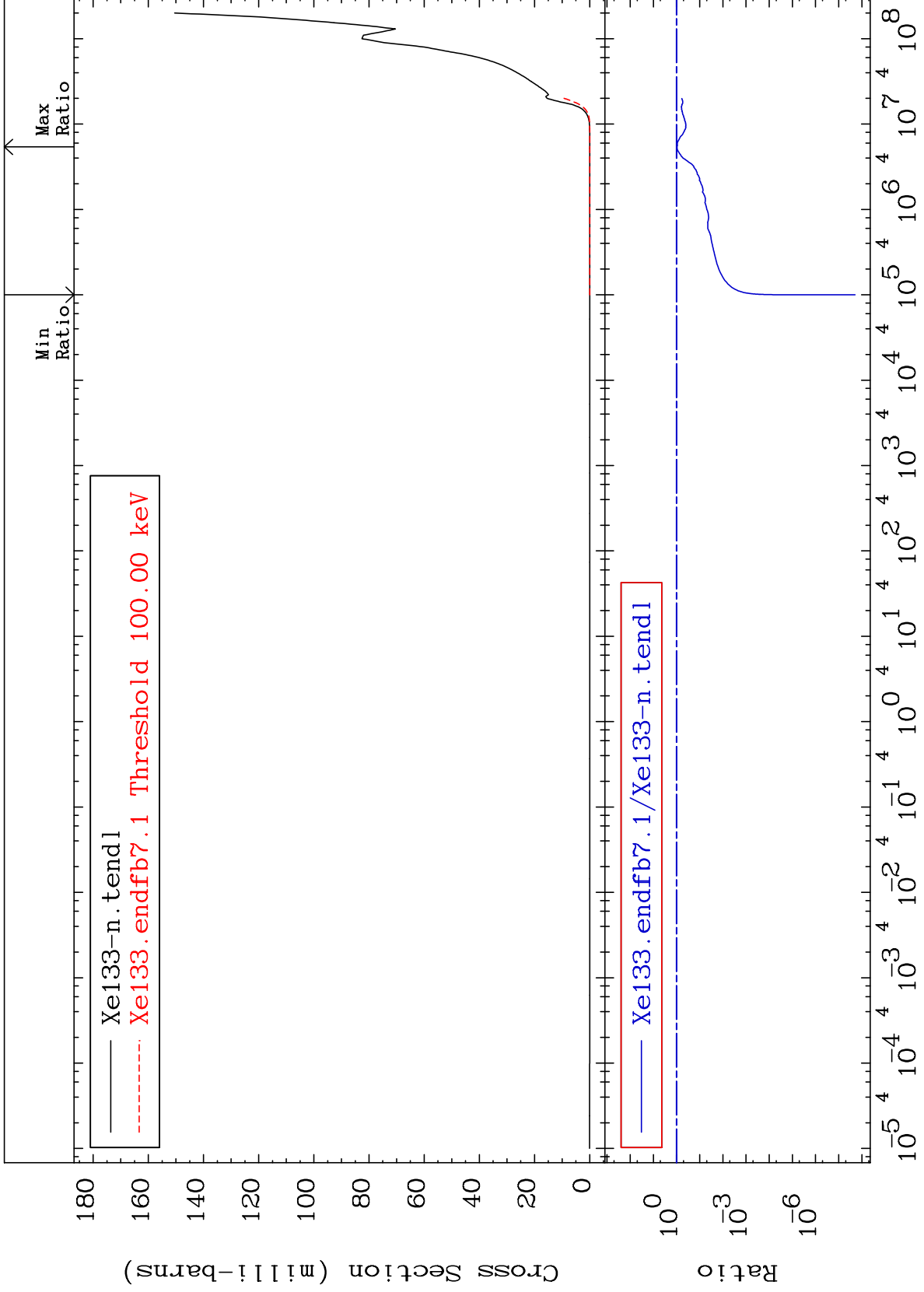
54-Xe-133
-100.0 To 72.80 %



MAT 5452

He-4 Production
Cross Section

54-Xe-133
-100.0 To -3.572%



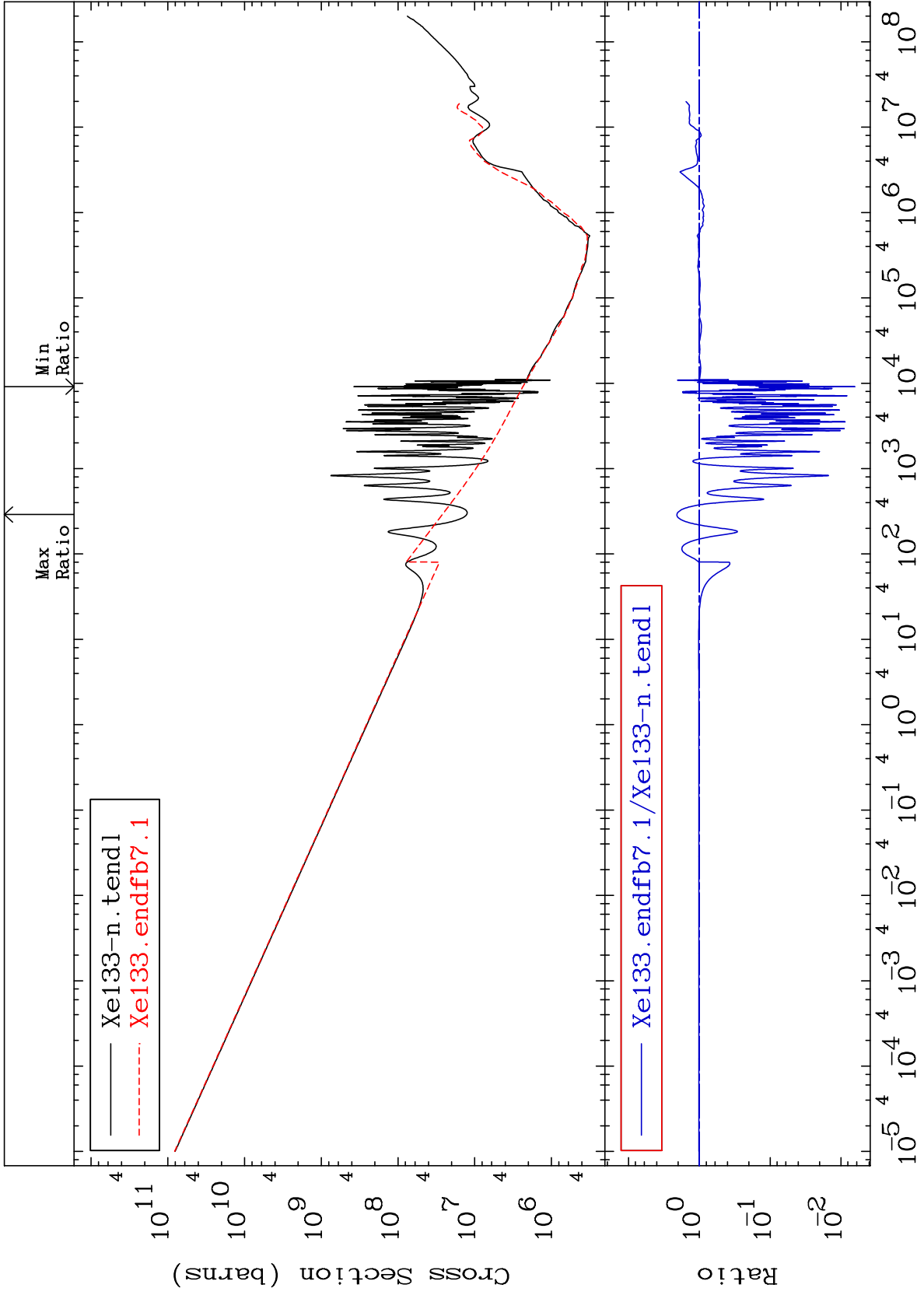
MAT 5452

Kerma total (eV-barns)

54-Xe-133

Cross Section

-99.37 To 107.6 %



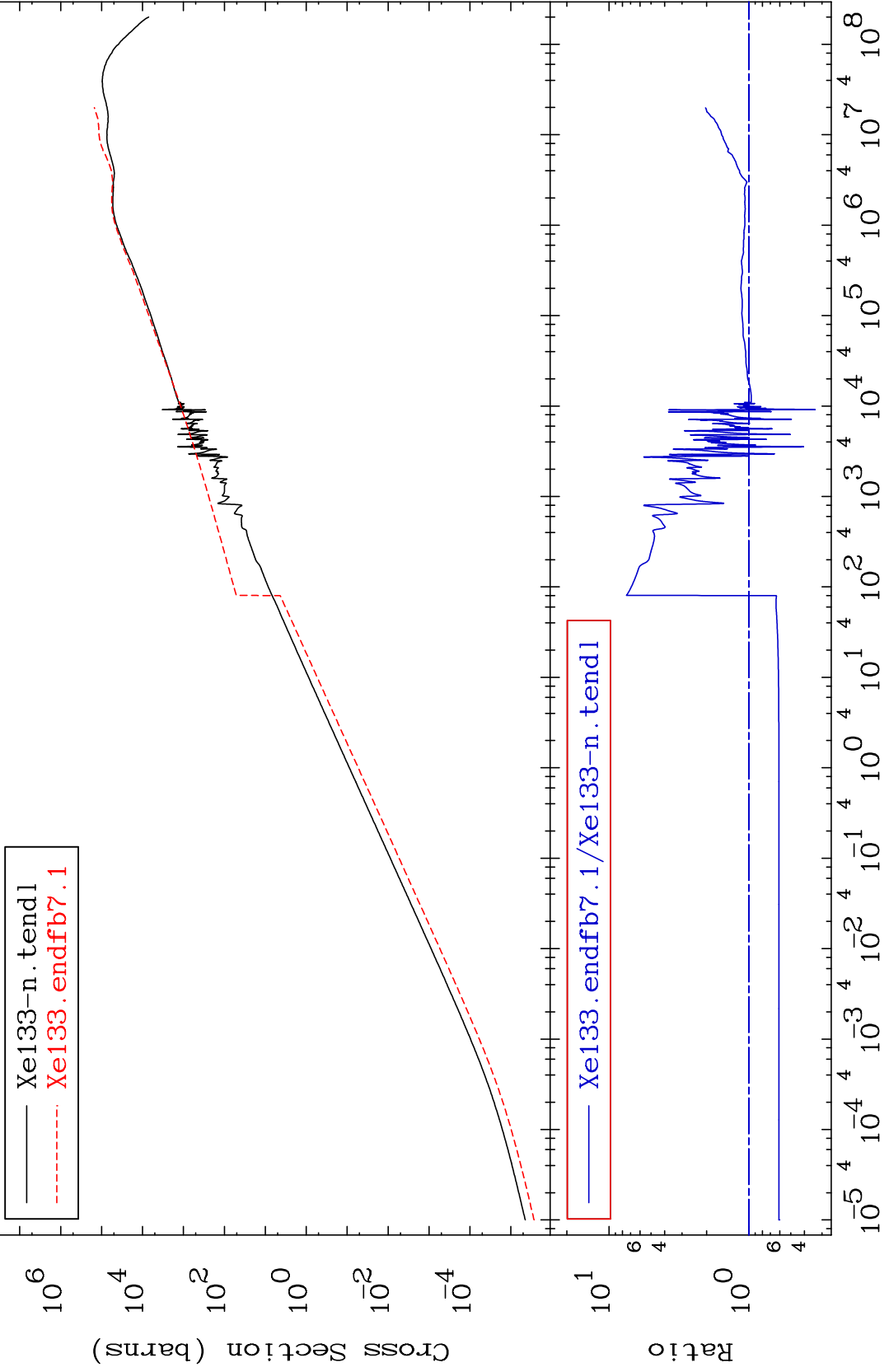
Xe133-n.tendl
Xe133.endfb7.1

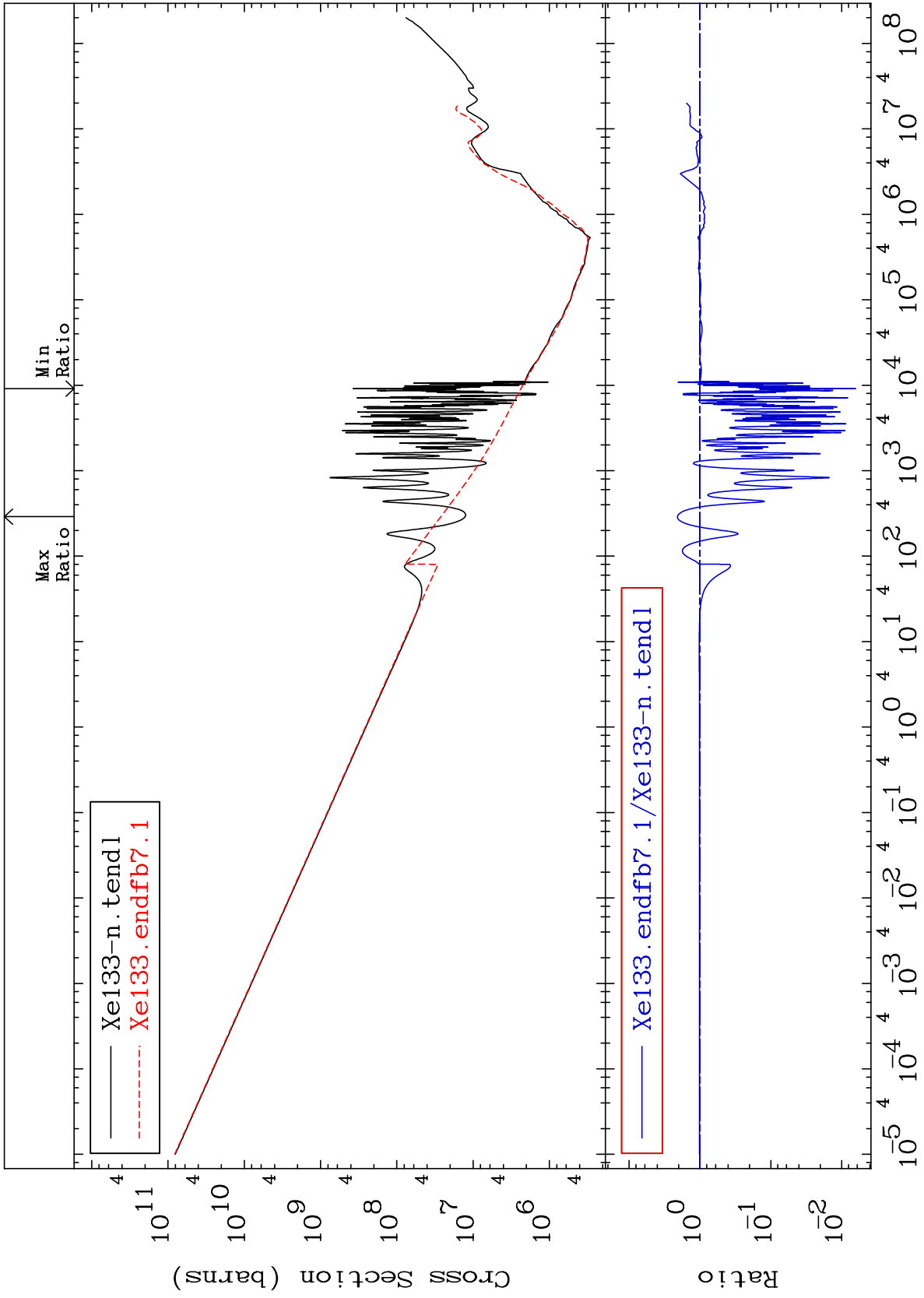
Xe133.endfb7.1/Xe133-n.tendl

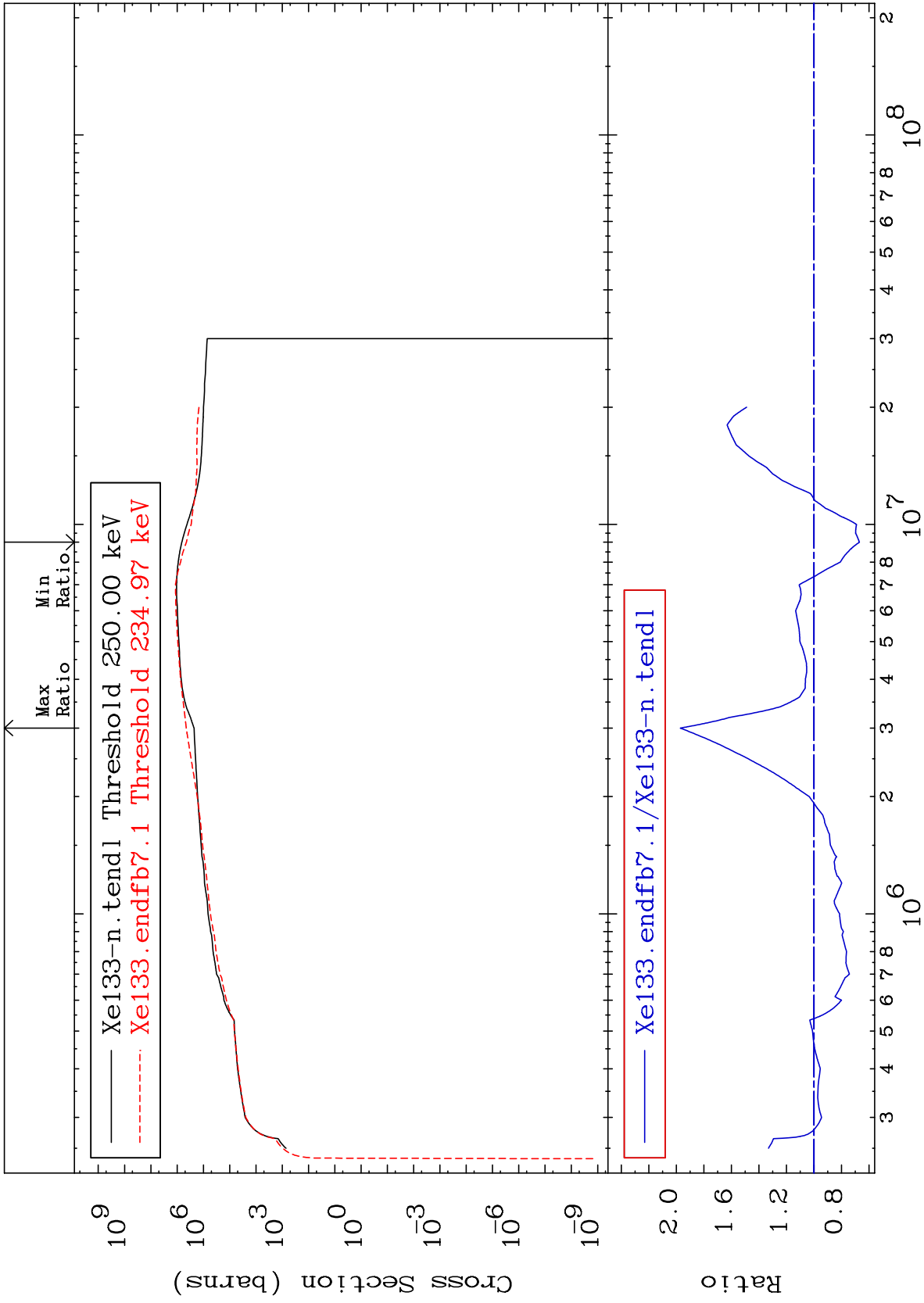
MAT 5452

Kerma elastic
Cross Section

54-Xe-133
-66.49 To 649.8 %



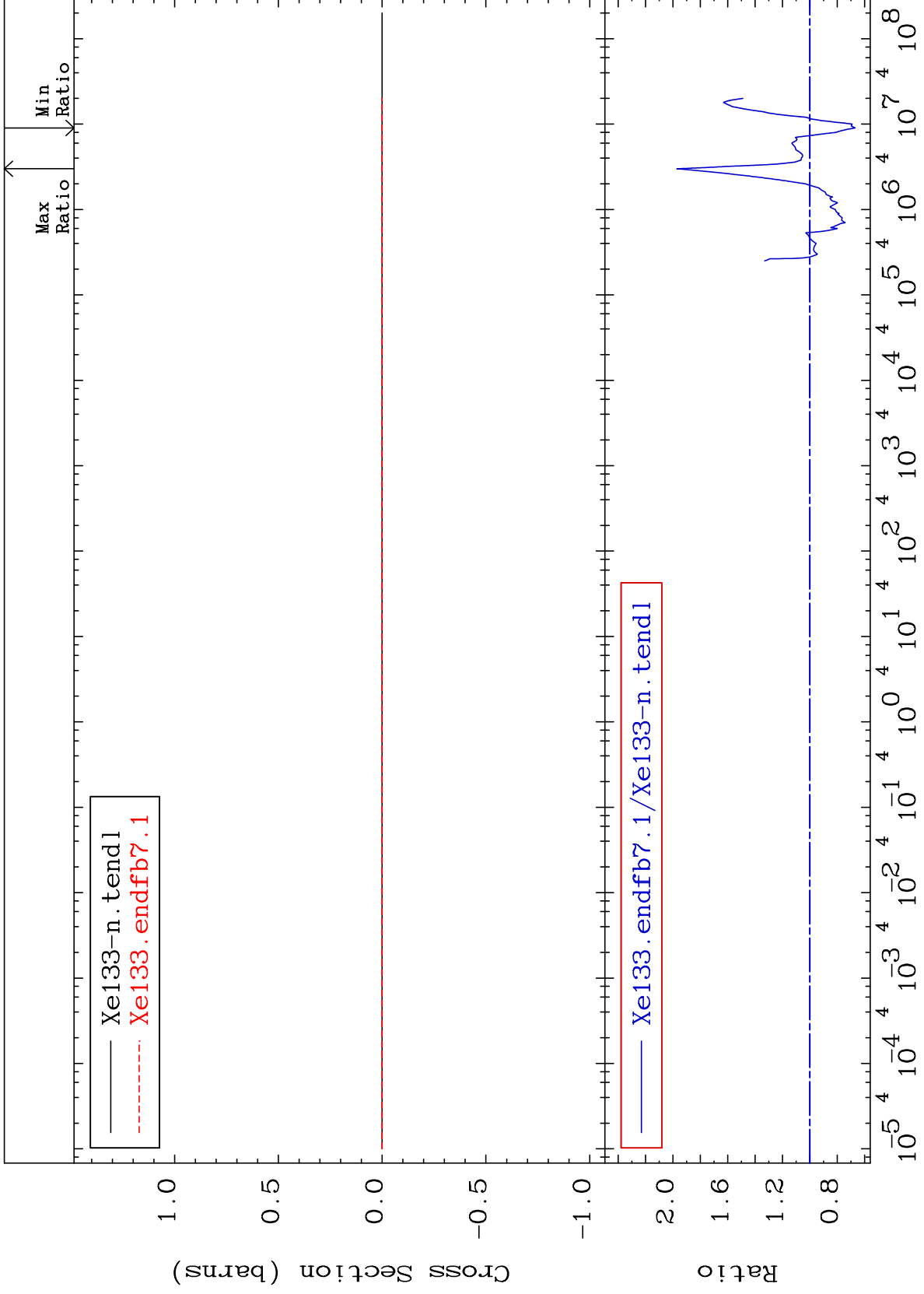




MAT 5452

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

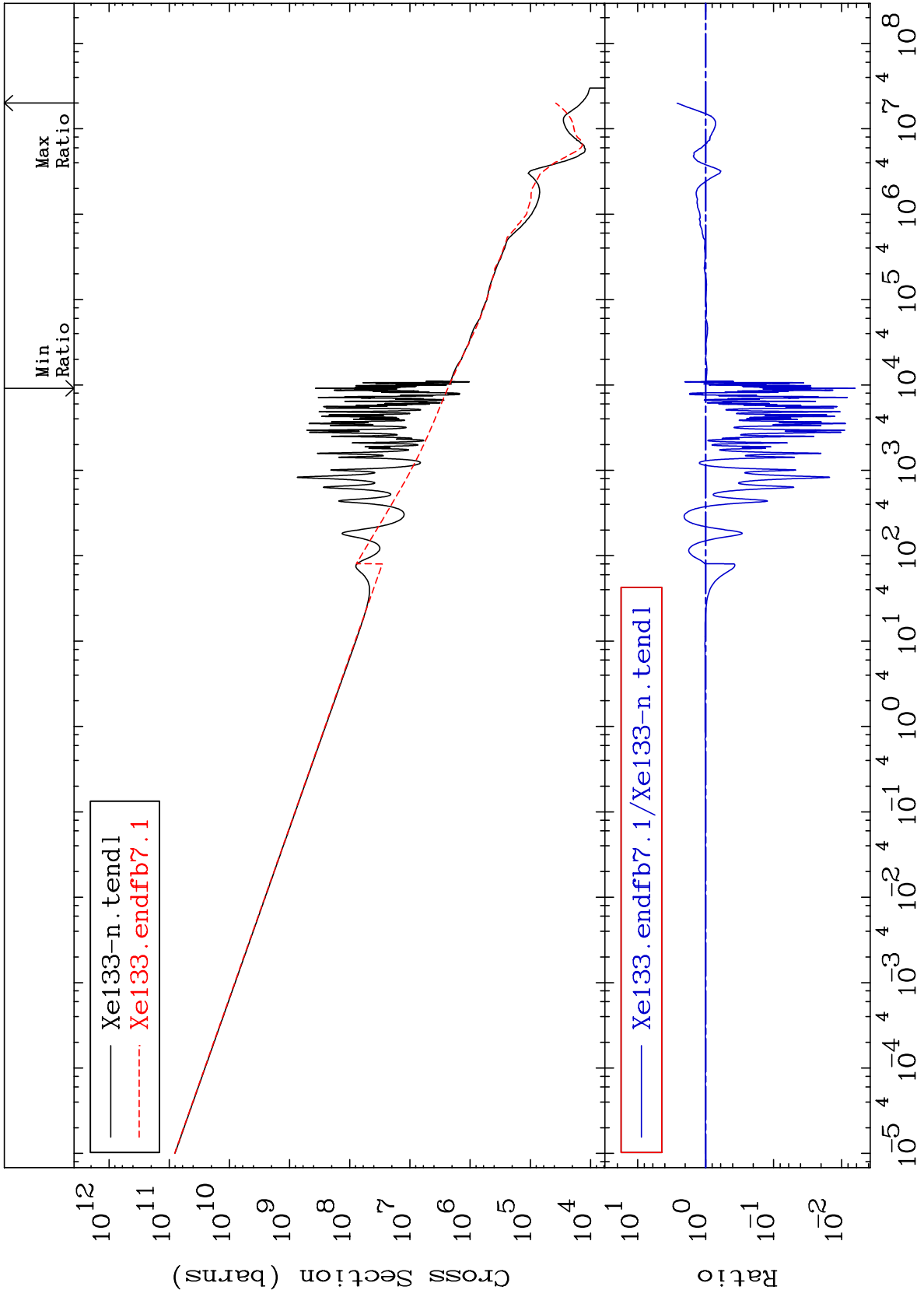
54-Xe-133
-33.05 To 97.11 %



MAT 5452

Kerma capture (mt102)
Cross Section

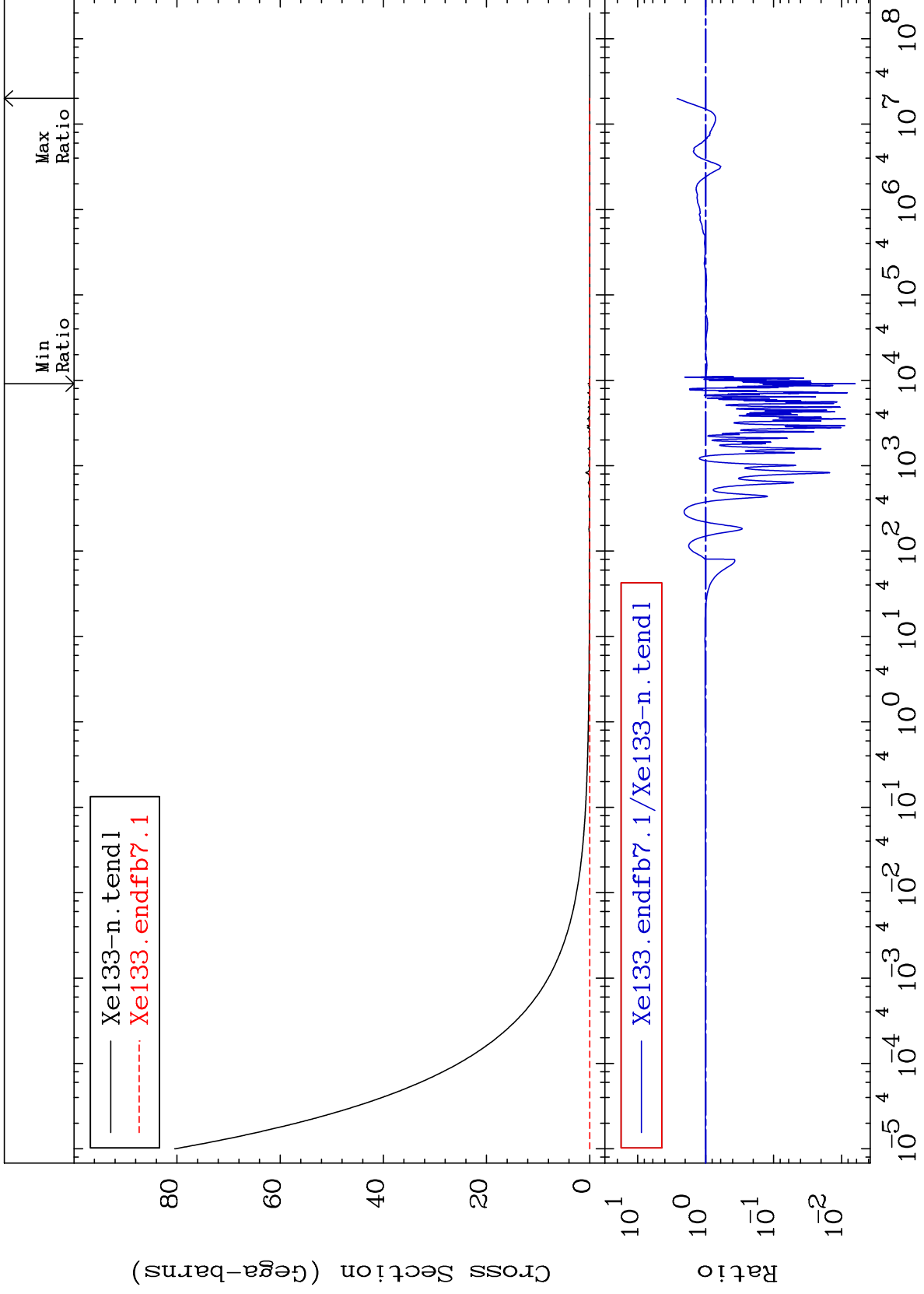
54-Xe-133
-99.37 To 164.7 %



MAT 5452

Total photon (eV-barns)
Cross Section

54-Xe-133
-99.37 To 164.7 %



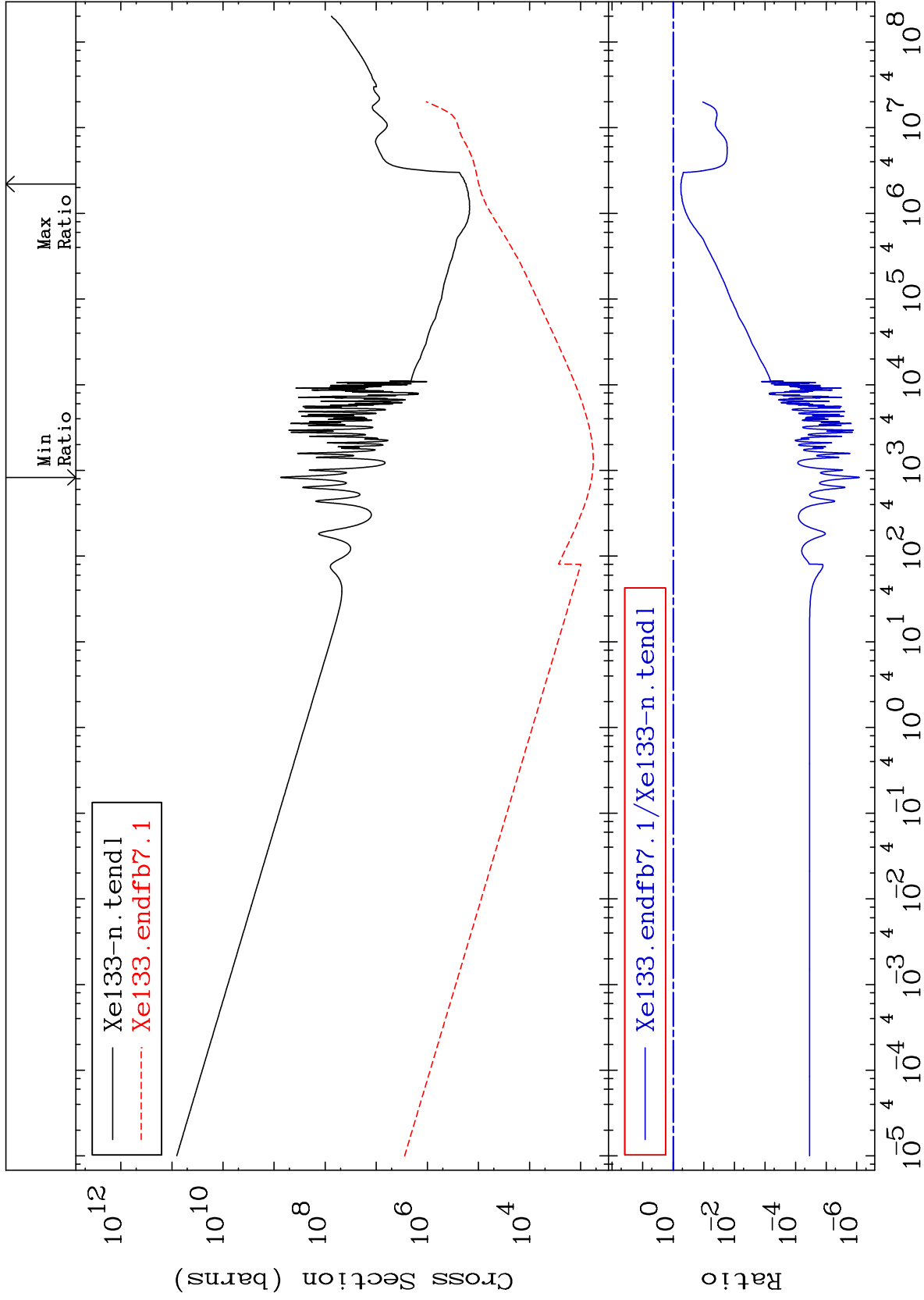
MAT 5452

Total kinematic kerma (high limit)

54-Xe-133

Cross Section

-100.0 To -43.45%



Incident Energy (eV)

54-Xe-133

40

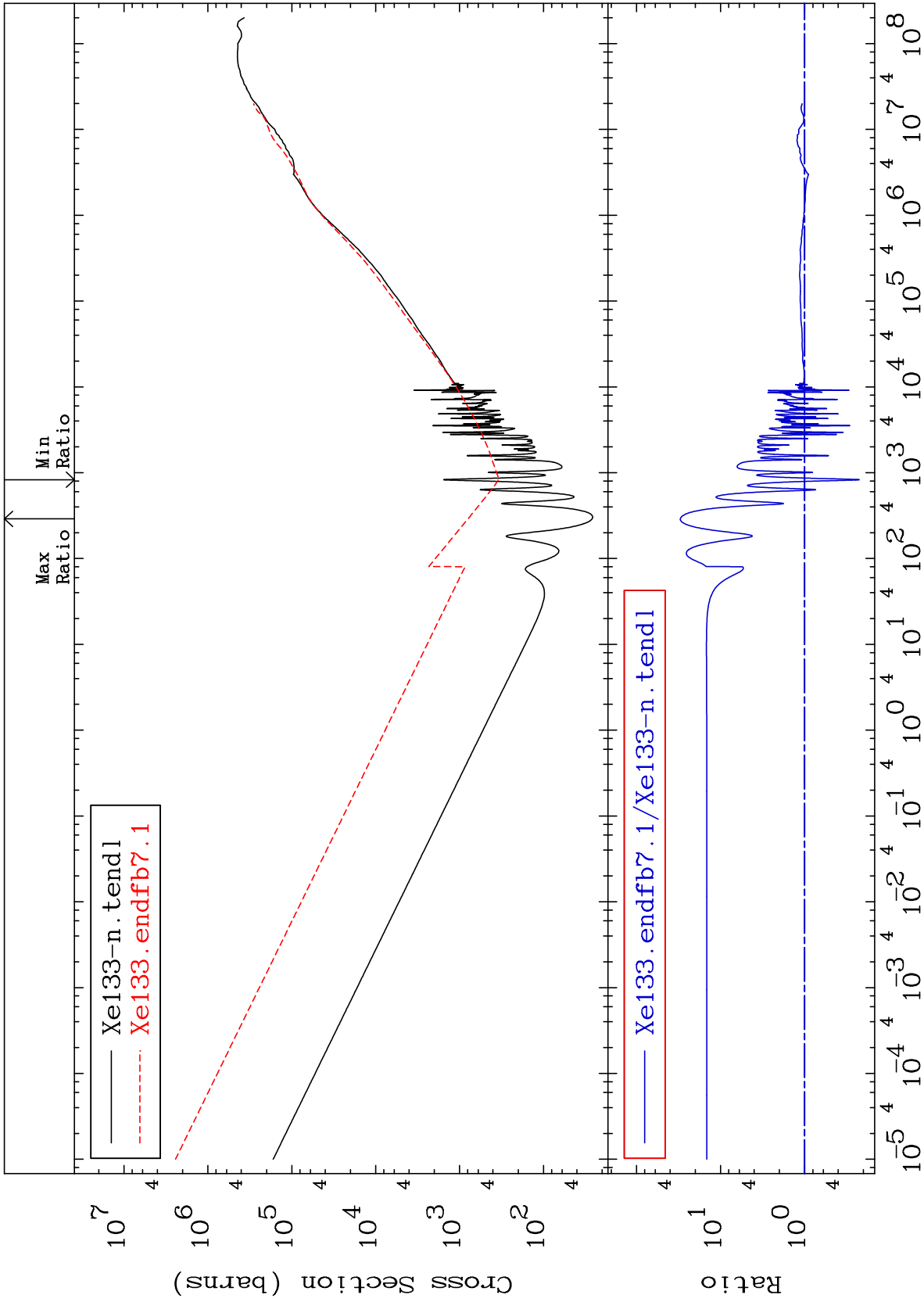
MAT 5452

Dpa total (eV-barns)

54-Xe-133

-77.69 To 2914. %

Cross Section



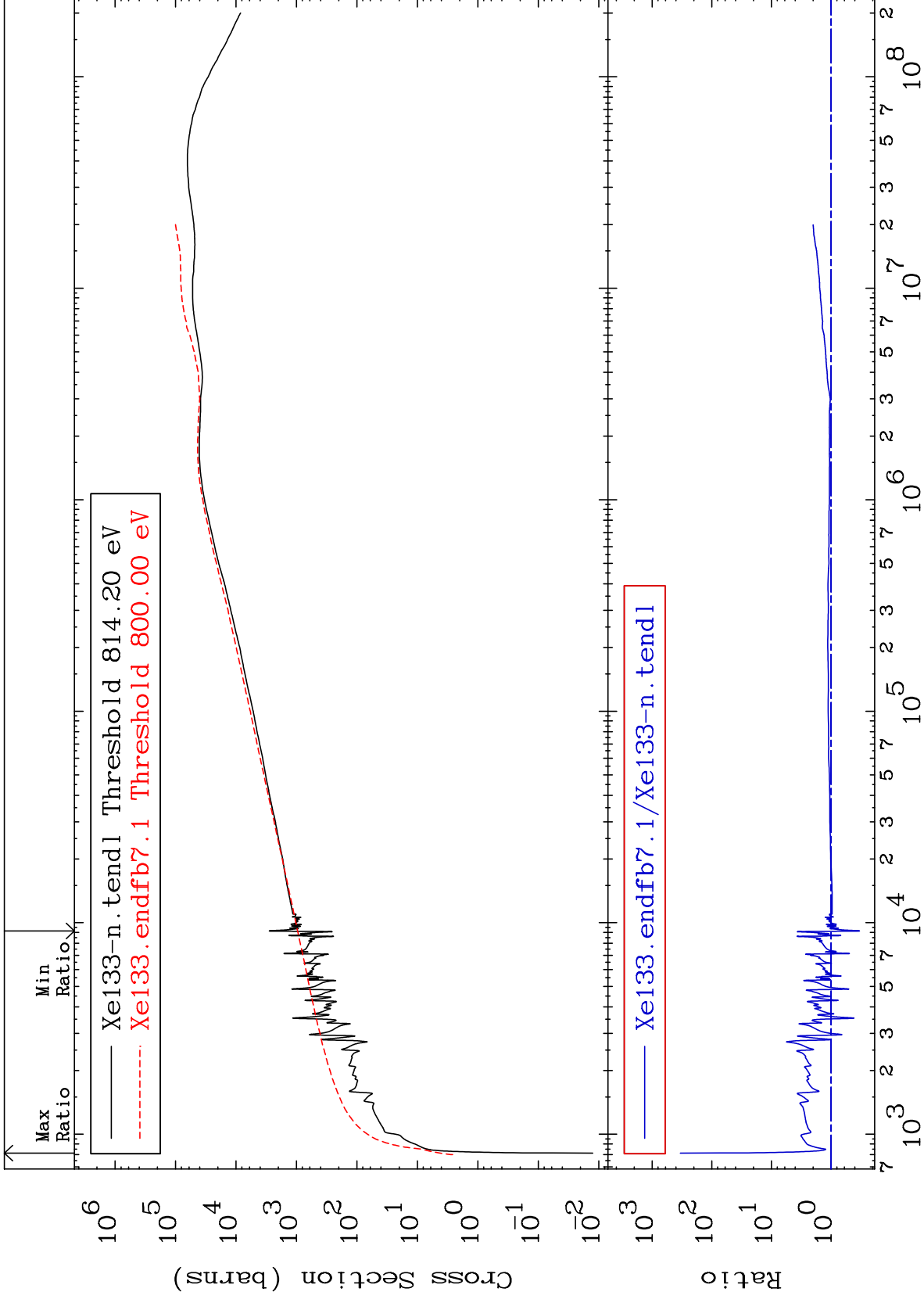
41

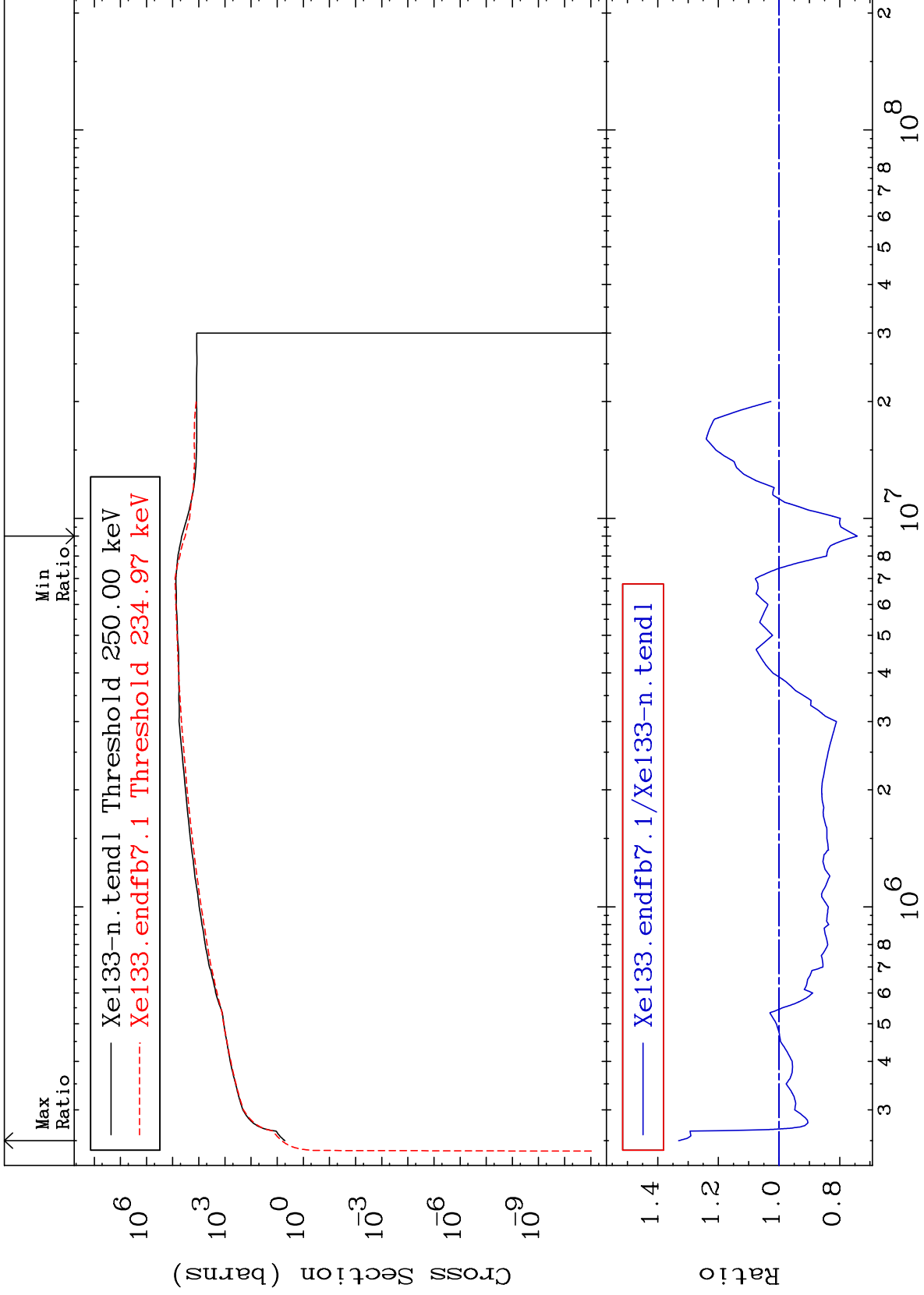
54-Xe-133

MAT 5452

Dpa elastic (mt2)
Cross Section

54-Xe-133
-66.49 To 9999. %

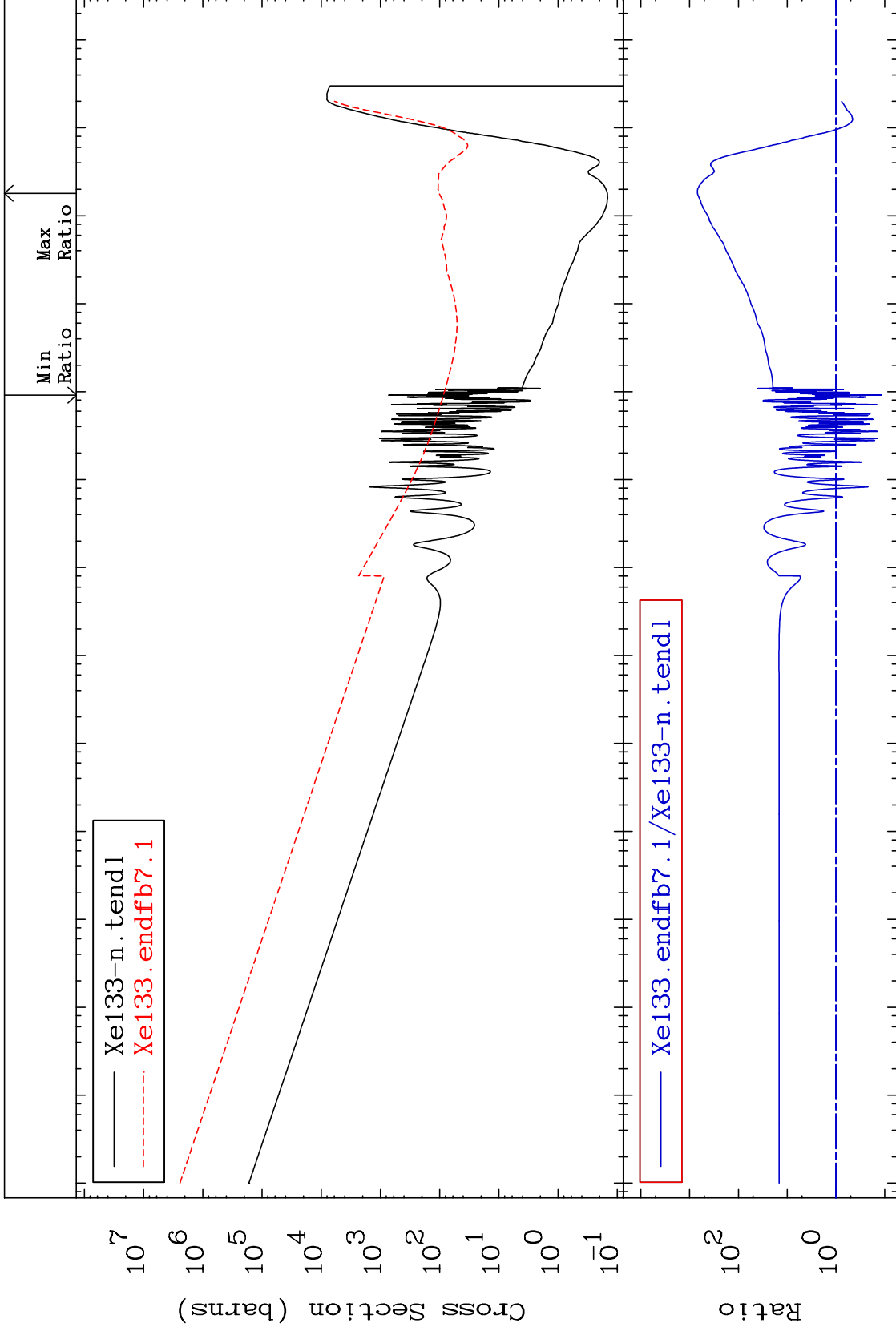




MAT 5452

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-133
-88.09 To 9999. %



Incident Energy (eV)

54-Xe-133

44