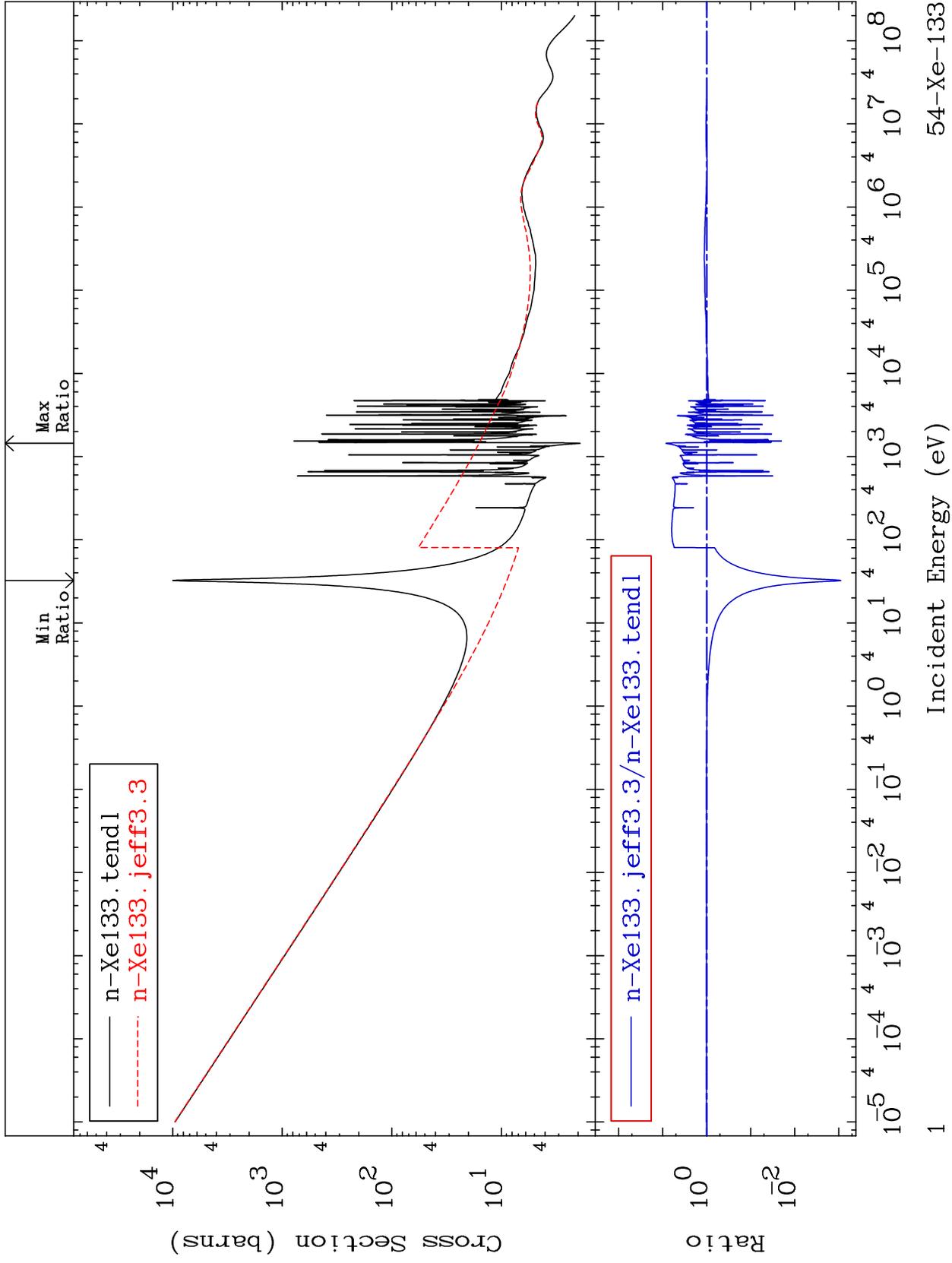


MAT 5452

Total Cross Section
54-Xe-133
-99.91 To 739.3 %



54-Xe-133

Incident Energy (eV)

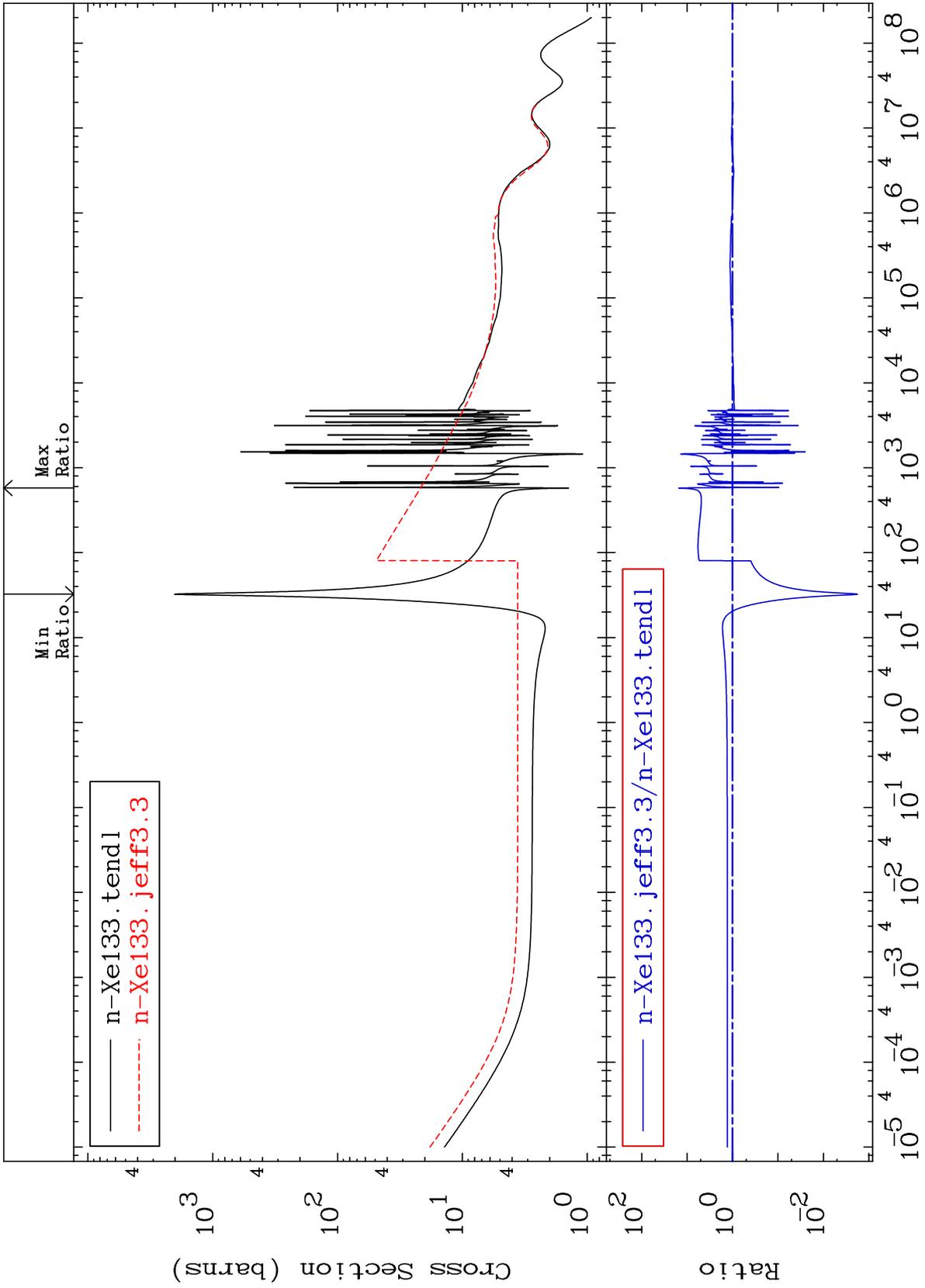
MAT 5452

Elastic

54-Xe-133

Cross Section

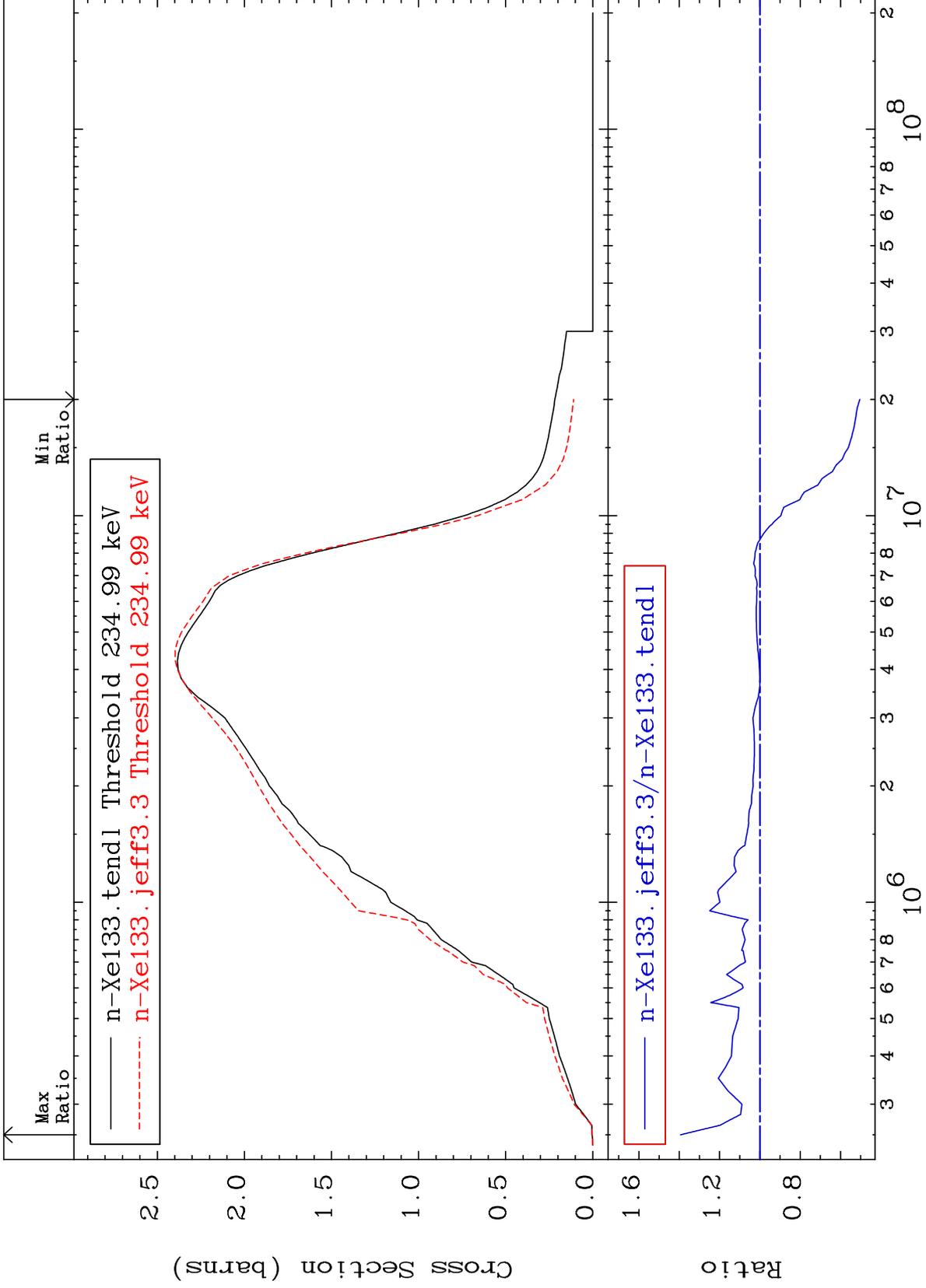
-99.82 To 1434. %



MAT 5452

Inelastic
Cross Section

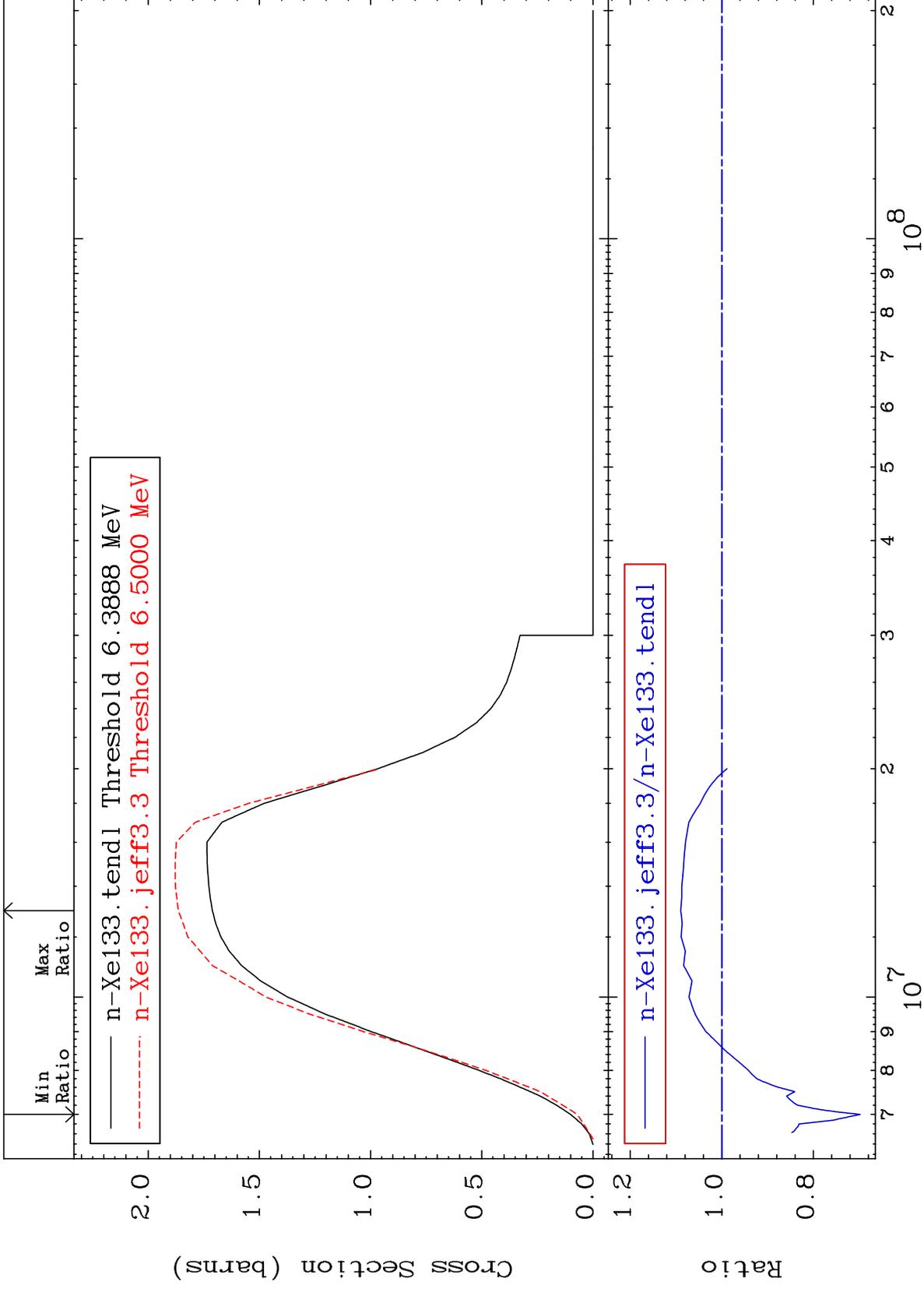
54-Xe-133
-49.55 To 39.38 %



MAT 5452

(n,2n)
Cross Section

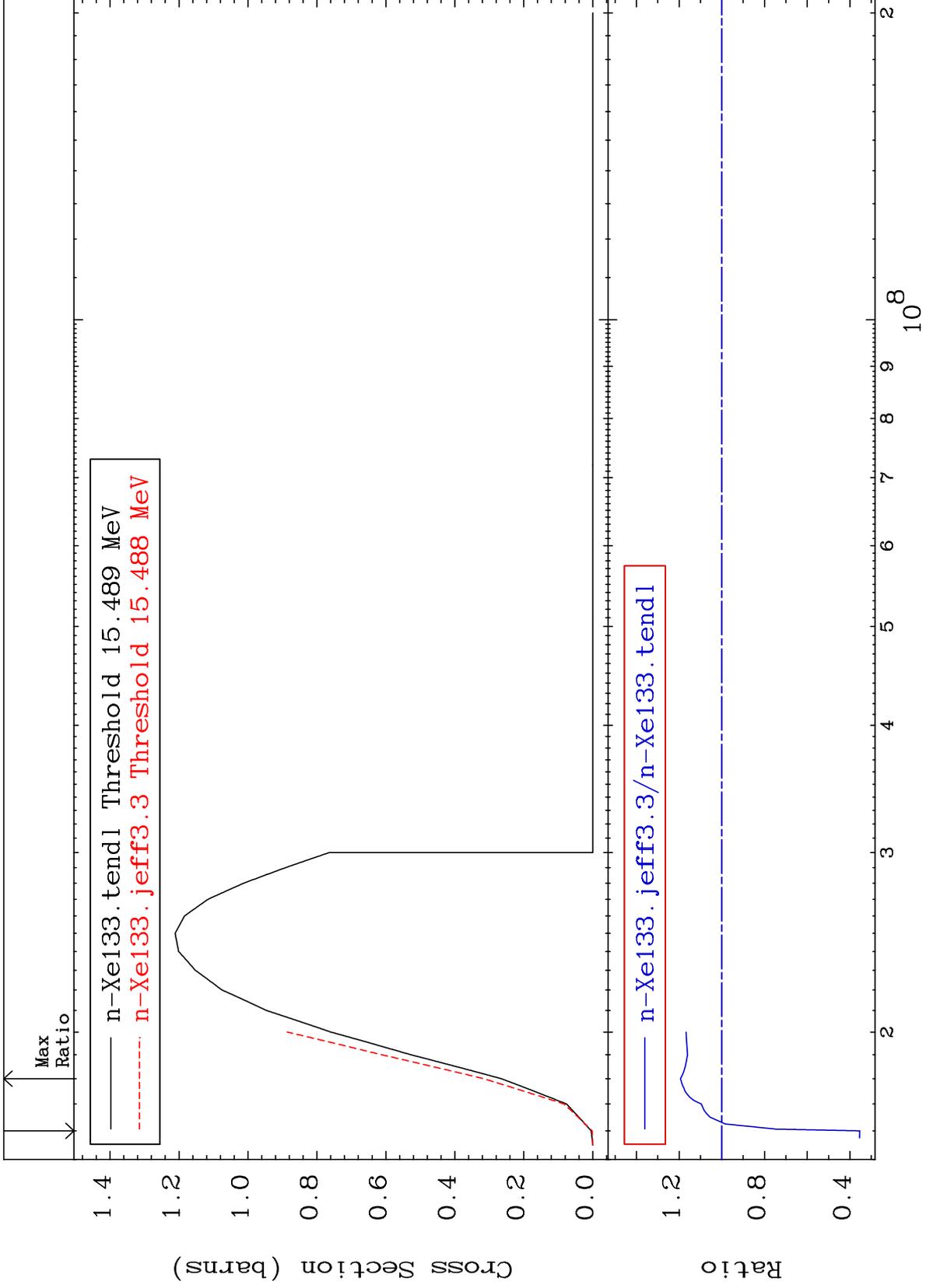
54-Xe-133
-30.19 To 8.957 %



MAT 5452

(n,3n)
Cross Section

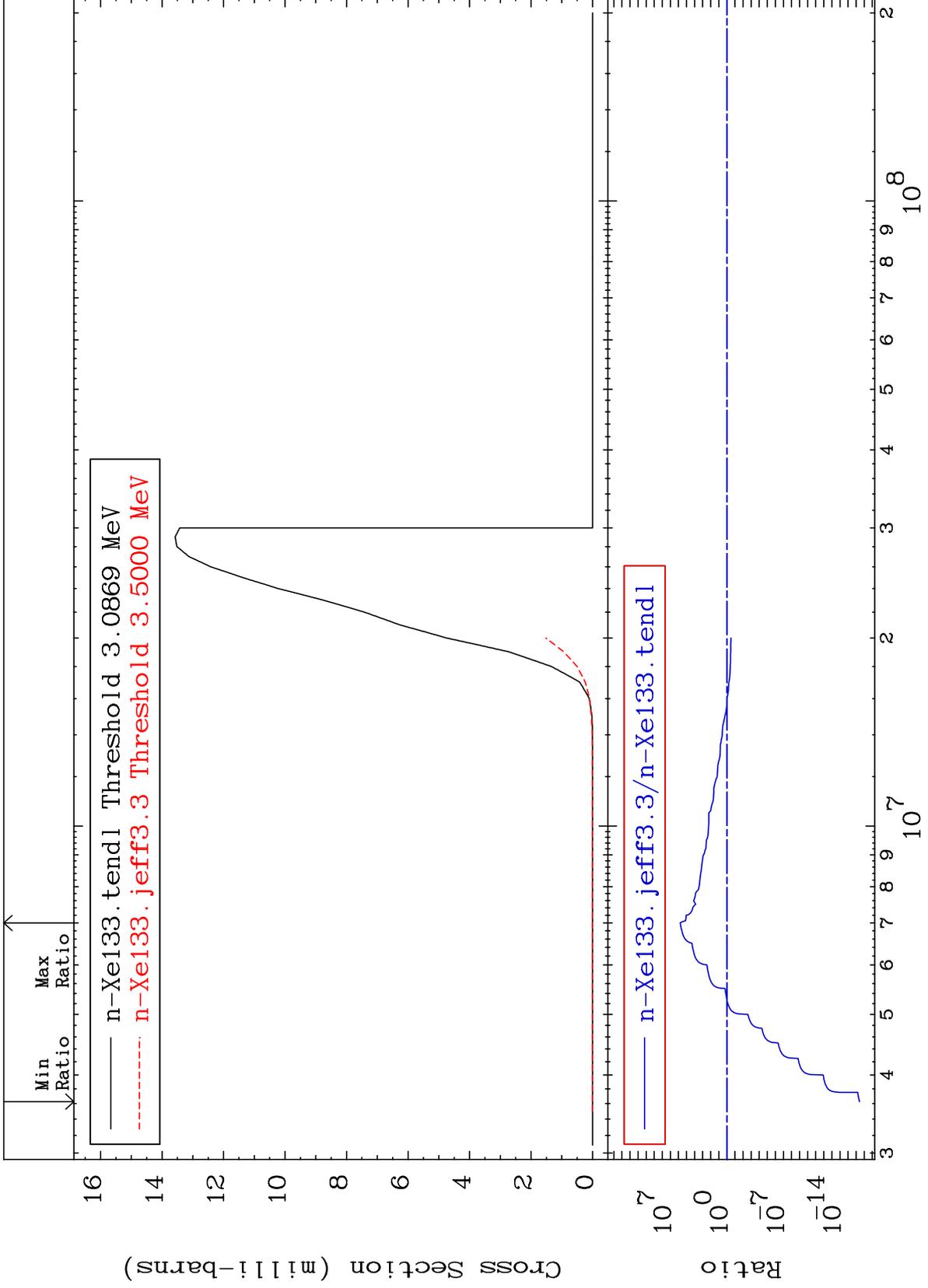
54-Xe-133
-64.58 To 19.34 %



MAT 5452

(n, n') α
Cross Section

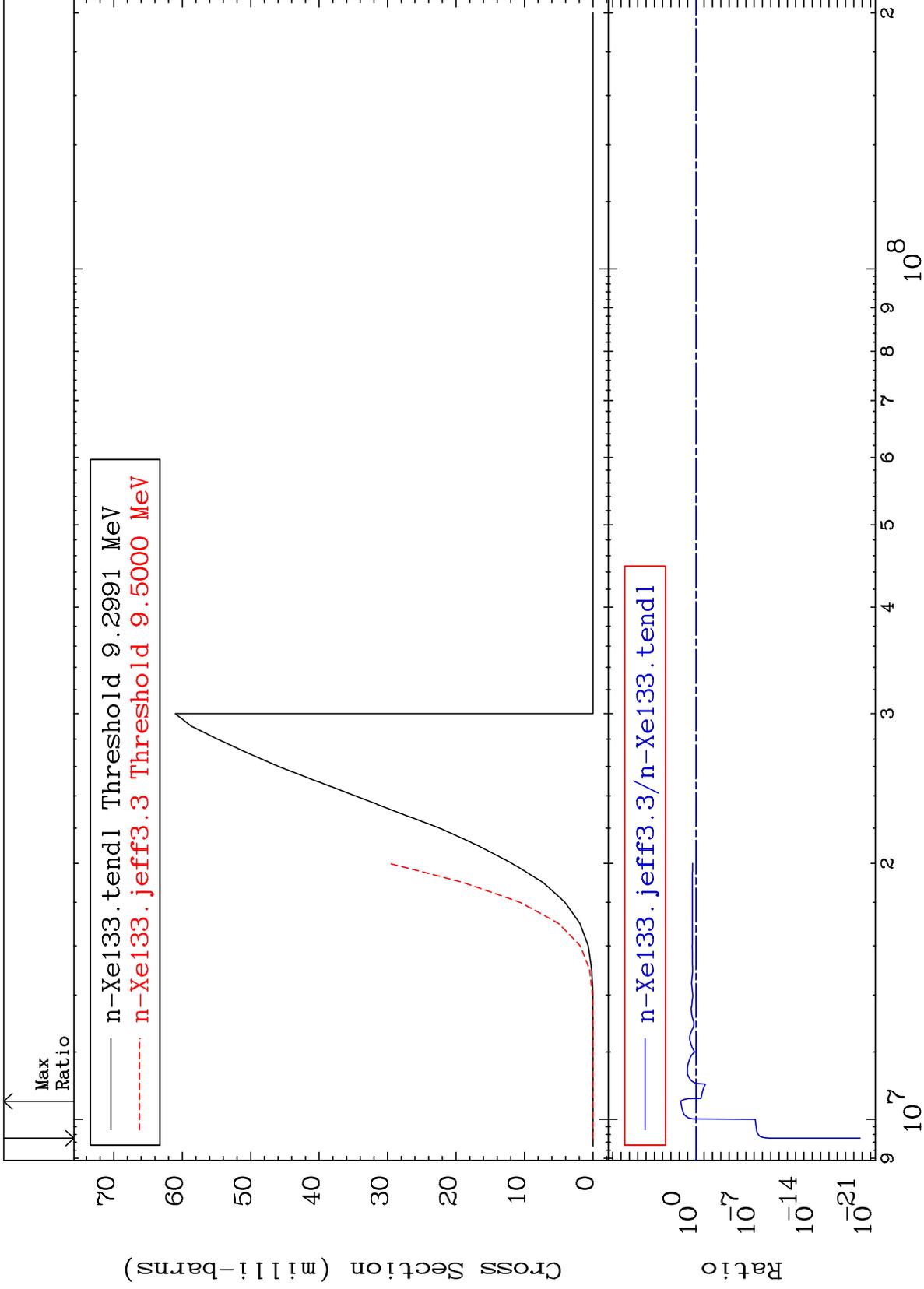
54-Xe-133
-100.0 To 9999. %



MAT 5452

(n,n') p
Cross Section

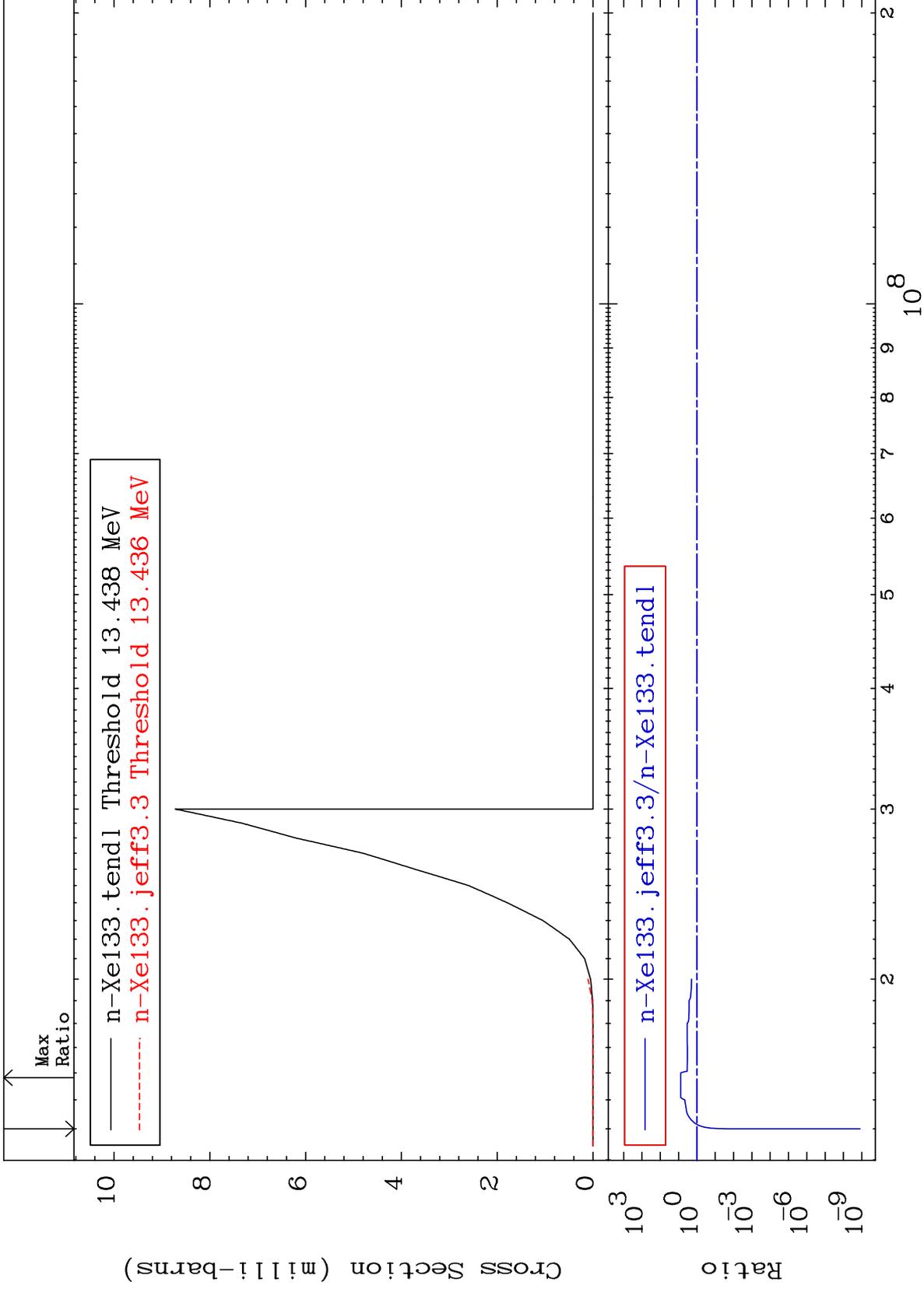
54-Xe-133
-100.0 To 6484. %



MAT 5452

(n, n') d
Cross Section

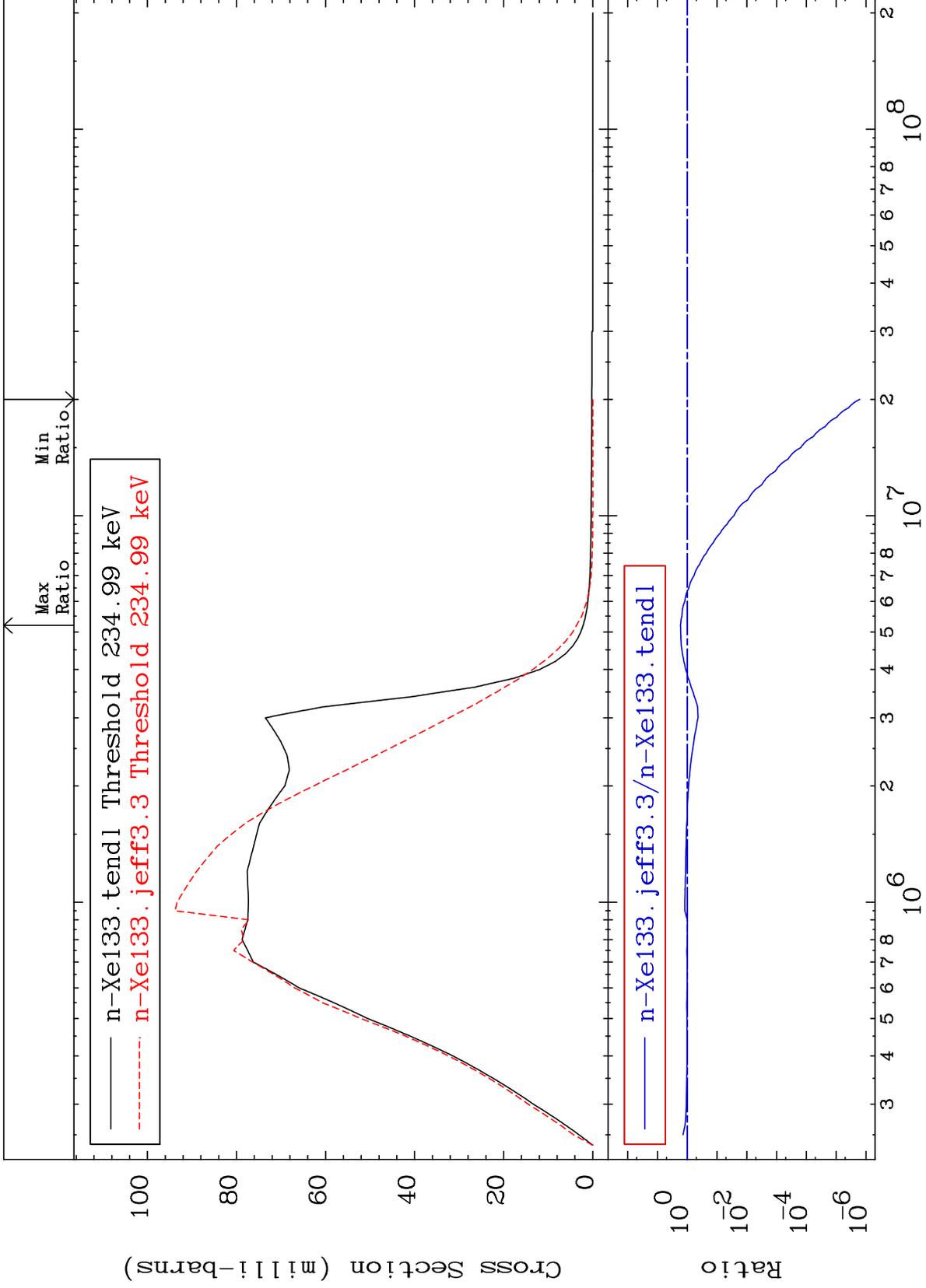
54-Xe-133
-100.0 To 662.8 %



MAT 5452

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

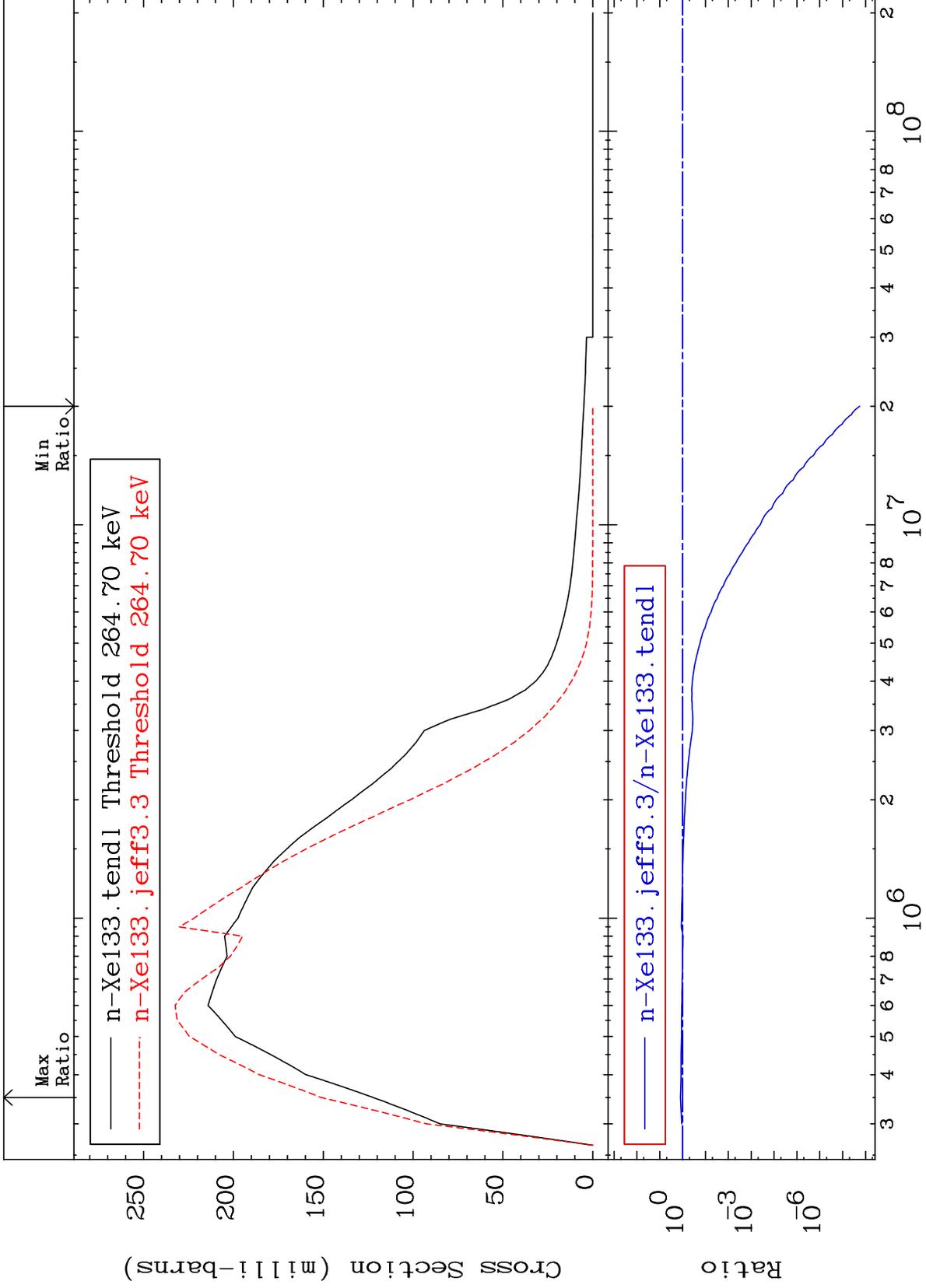
54-Xe-133
-100.0 To 69.17 %



MAT 5452

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

54-Xe-133
-100.0 To 23.65 %



10

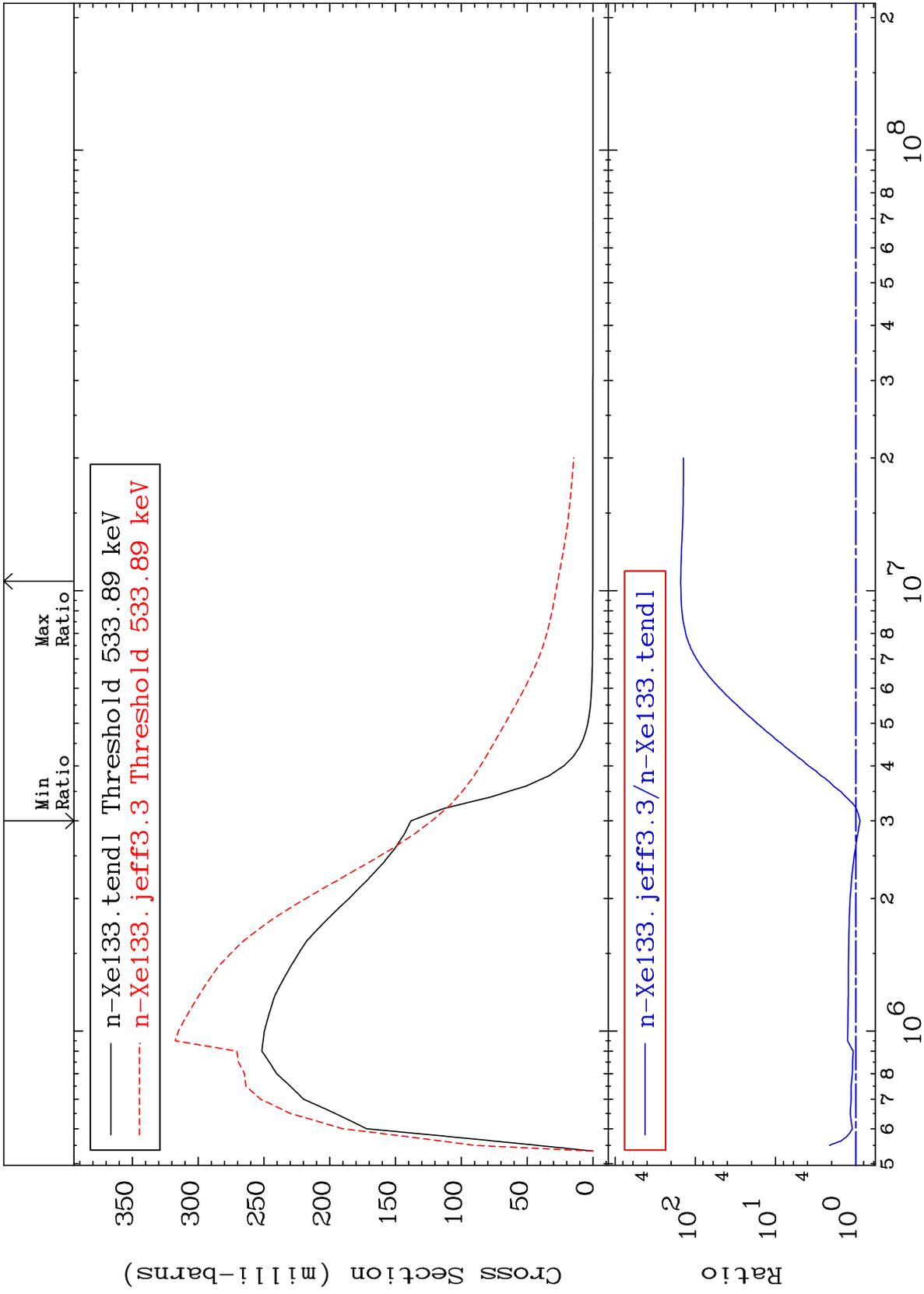
Incident Energy (eV)

54-Xe-133

MAT 5452

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

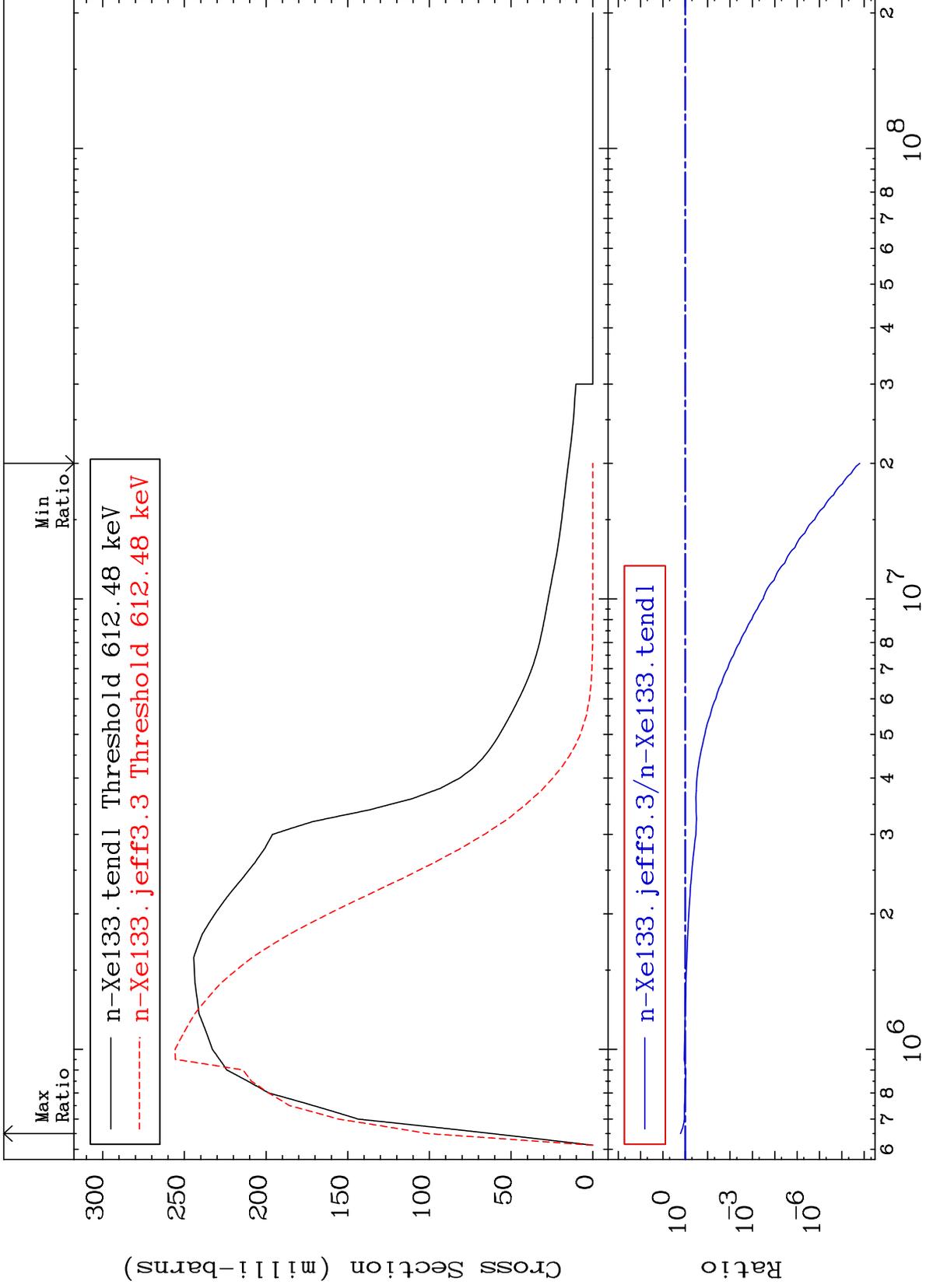
54-Xe-133
-11.52 To 9999. %



MAT 5452

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

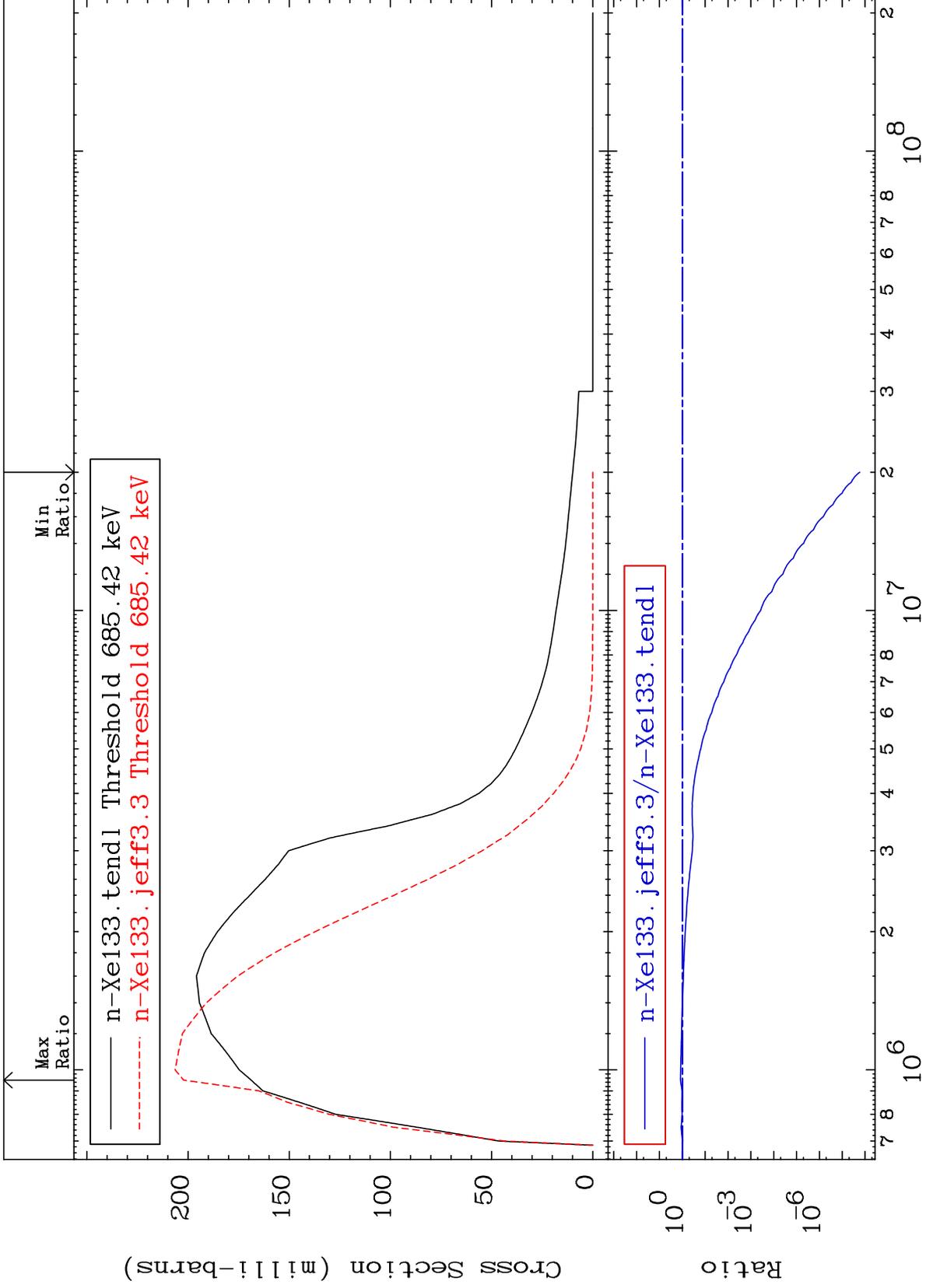
54-Xe-133
-100.0 To 63.72 %



MAT 5452

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

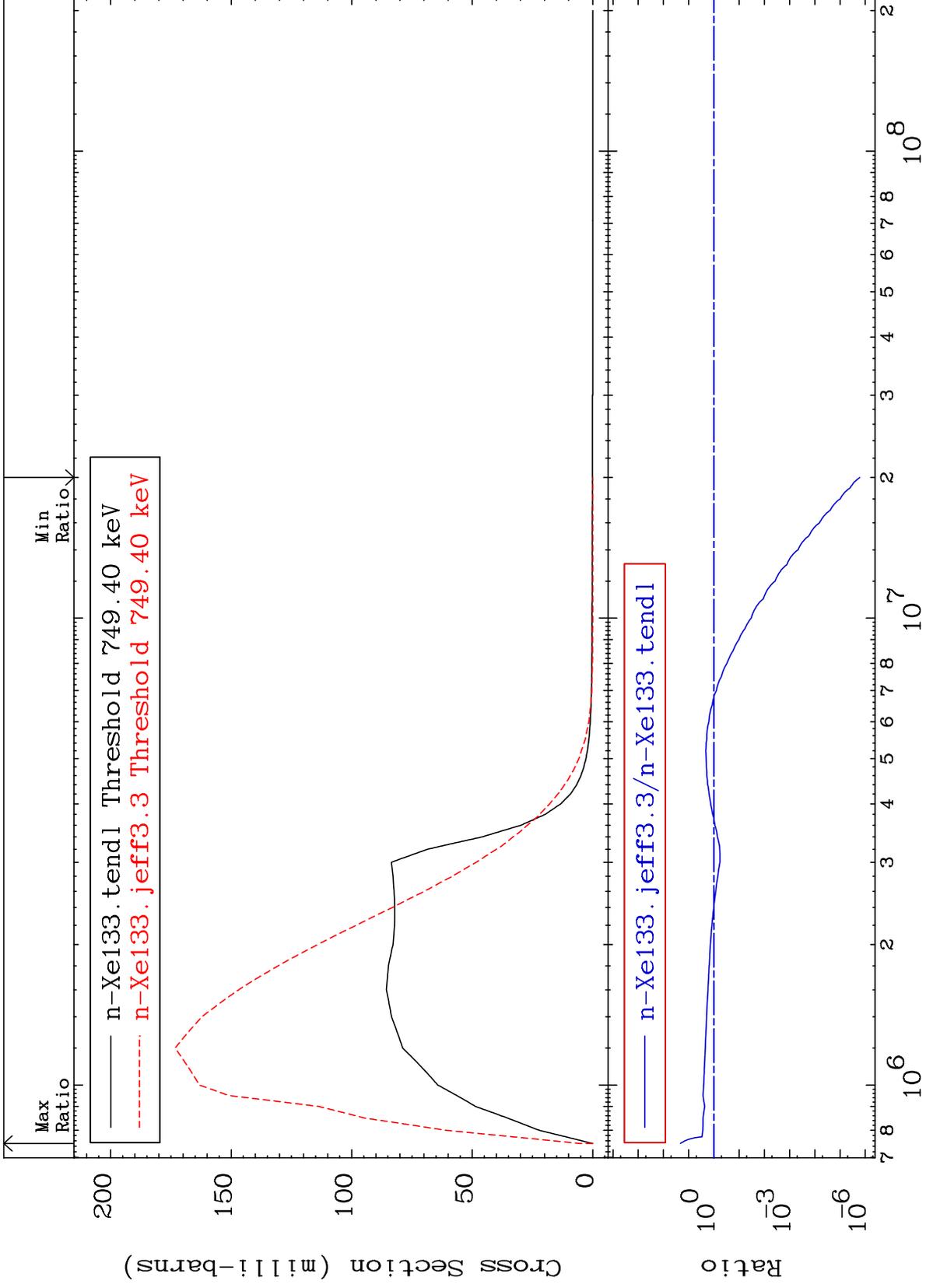
54-Xe-133
-100.0 To 19.76 %



MAT 5452

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

54-Xe-133
-100.0 To 2002. %



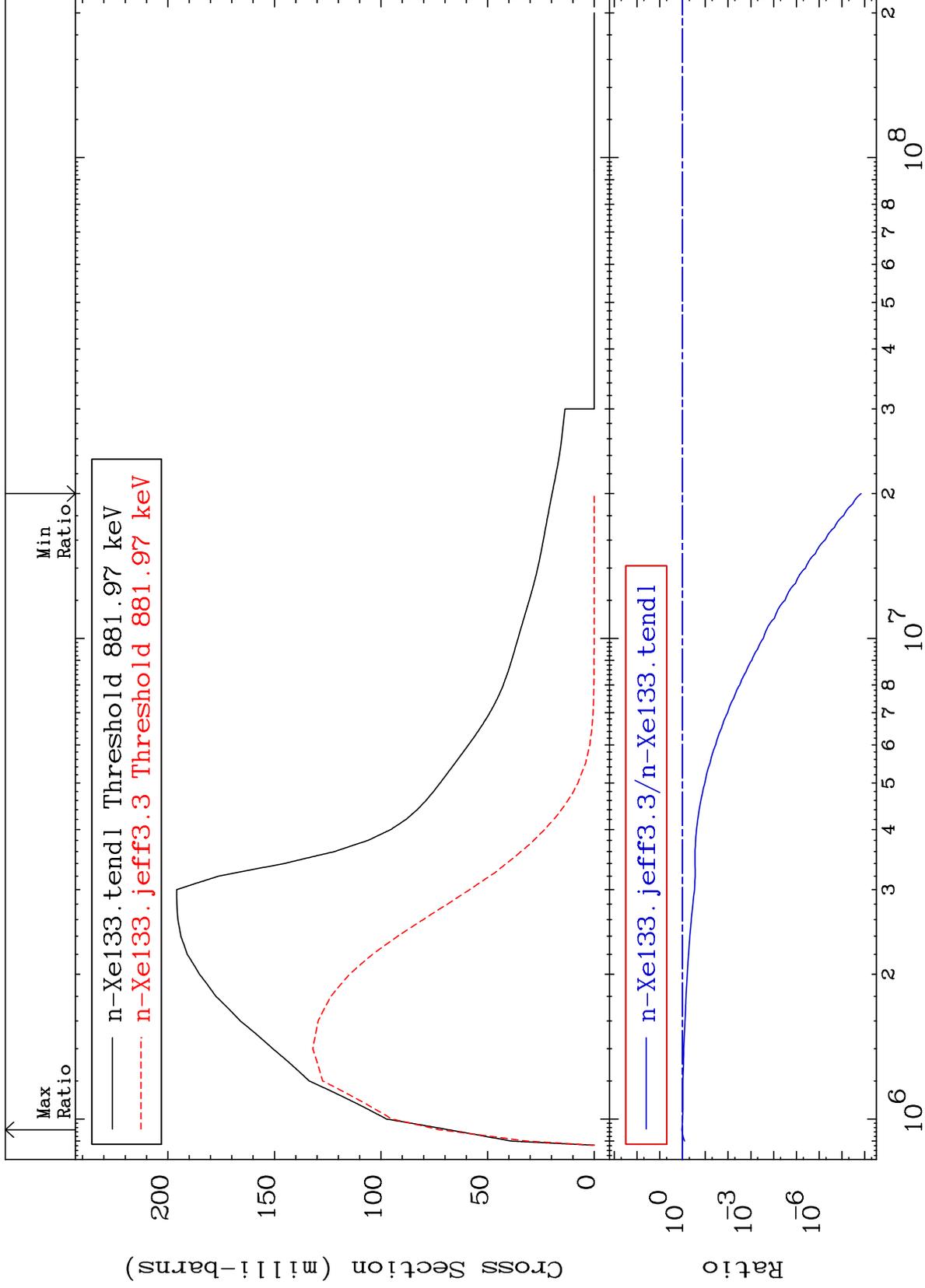
14

54-Xe-133

MAT 5452

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

54-Xe-133
-100.0 To 6.382 %



15

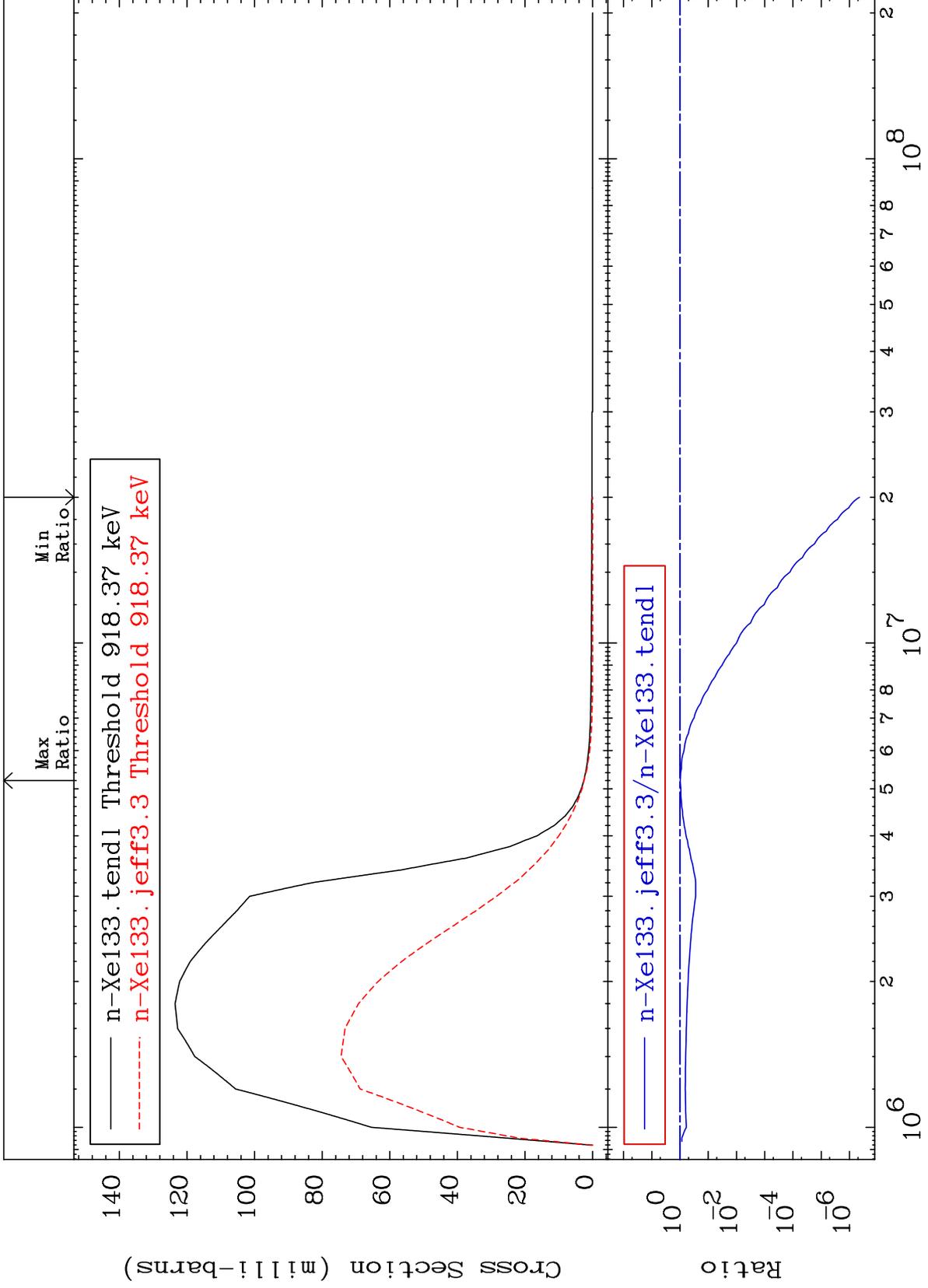
Incident Energy (eV)

54-Xe-133

MAT 5452

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

54-Xe-133
-100.0 To -1.998%



16

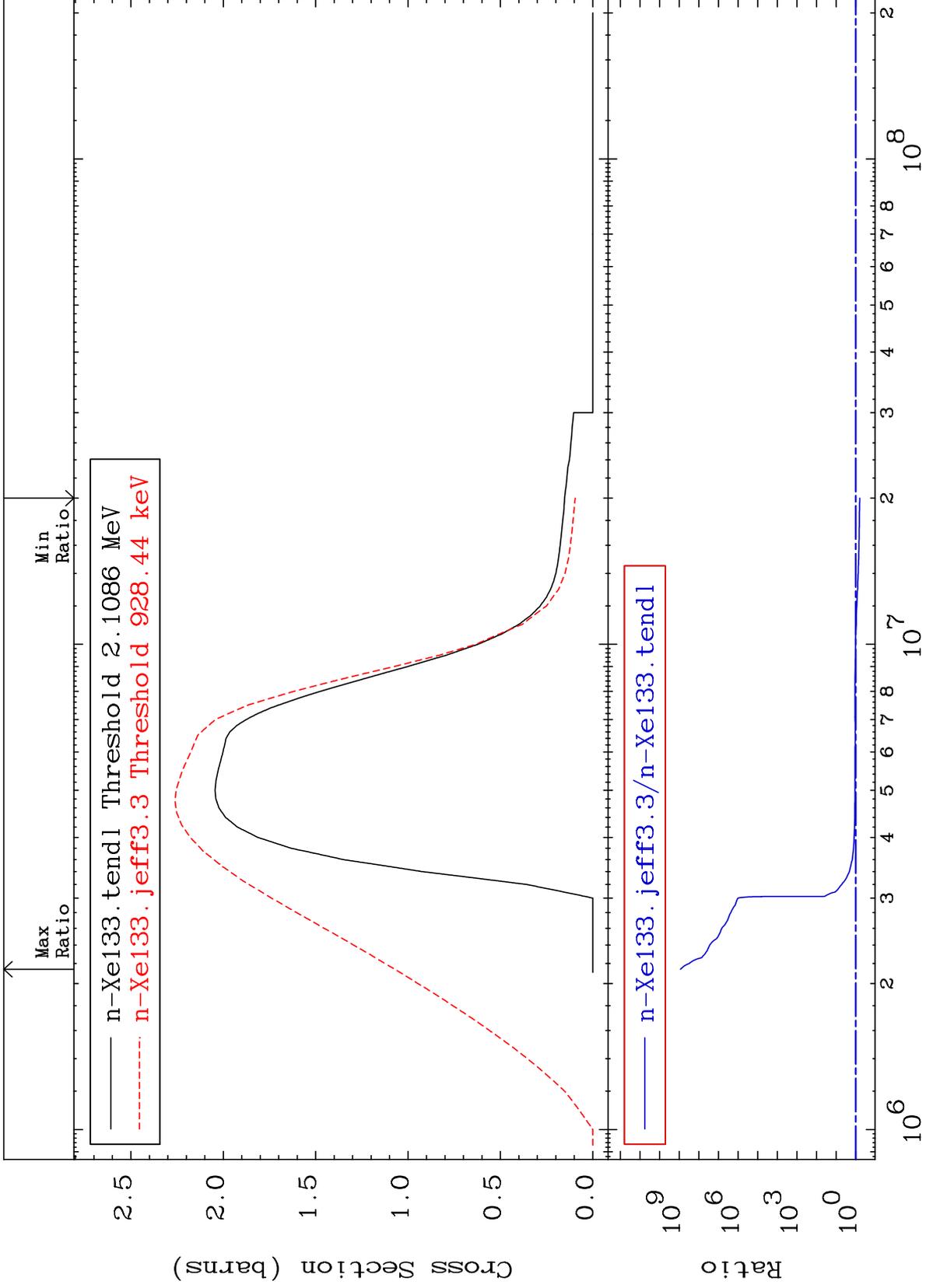
Incident Energy (eV)

54-Xe-133

MAT 5452

(n, n') Continuum
Cross Section

54-Xe-133
-37.55 To 9999. %



17

Incident Energy (eV)

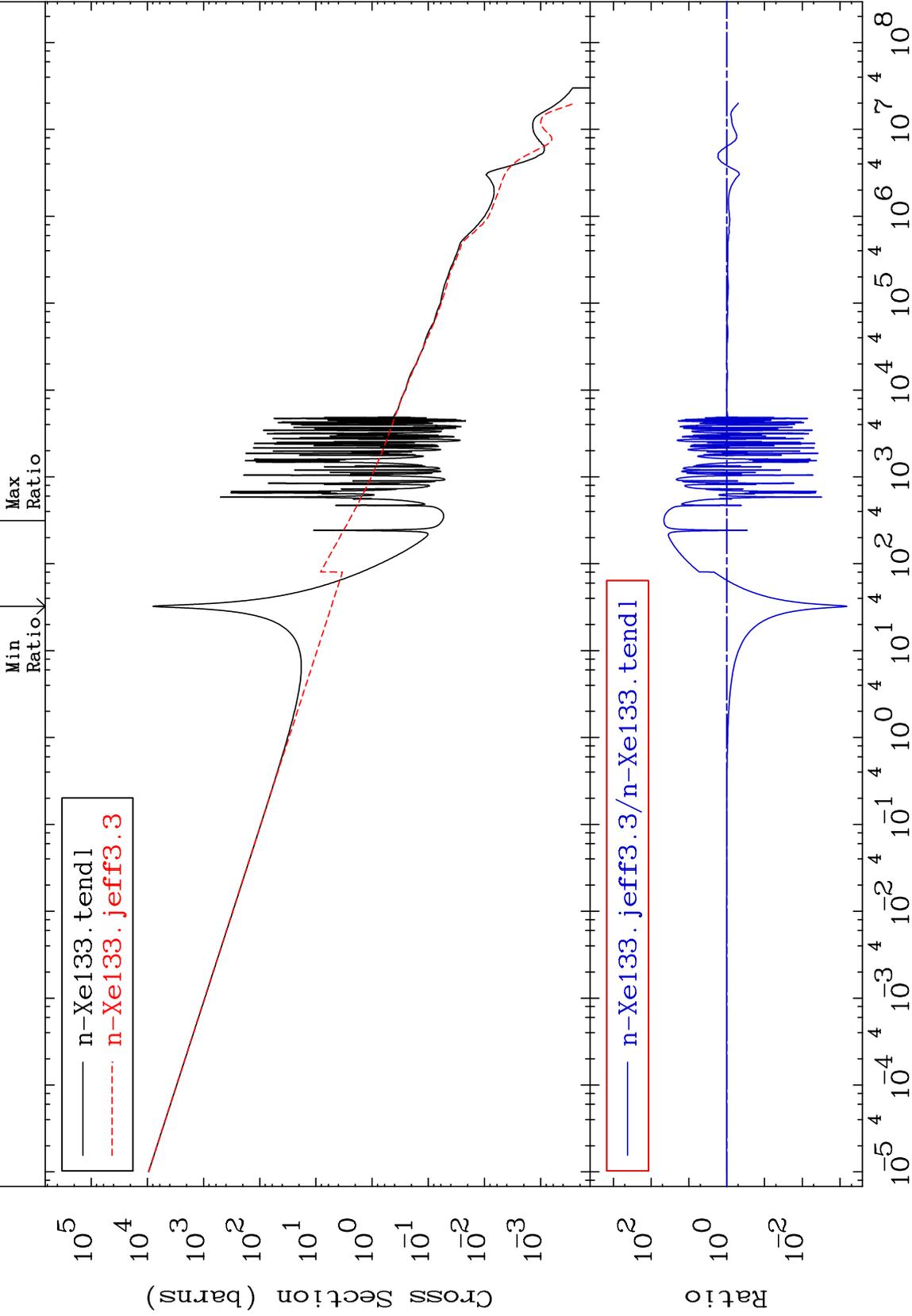
54-Xe-133

MAT 5452

54-Xe-133

(n, γ)
-99.93 To 4479. %

Cross Section



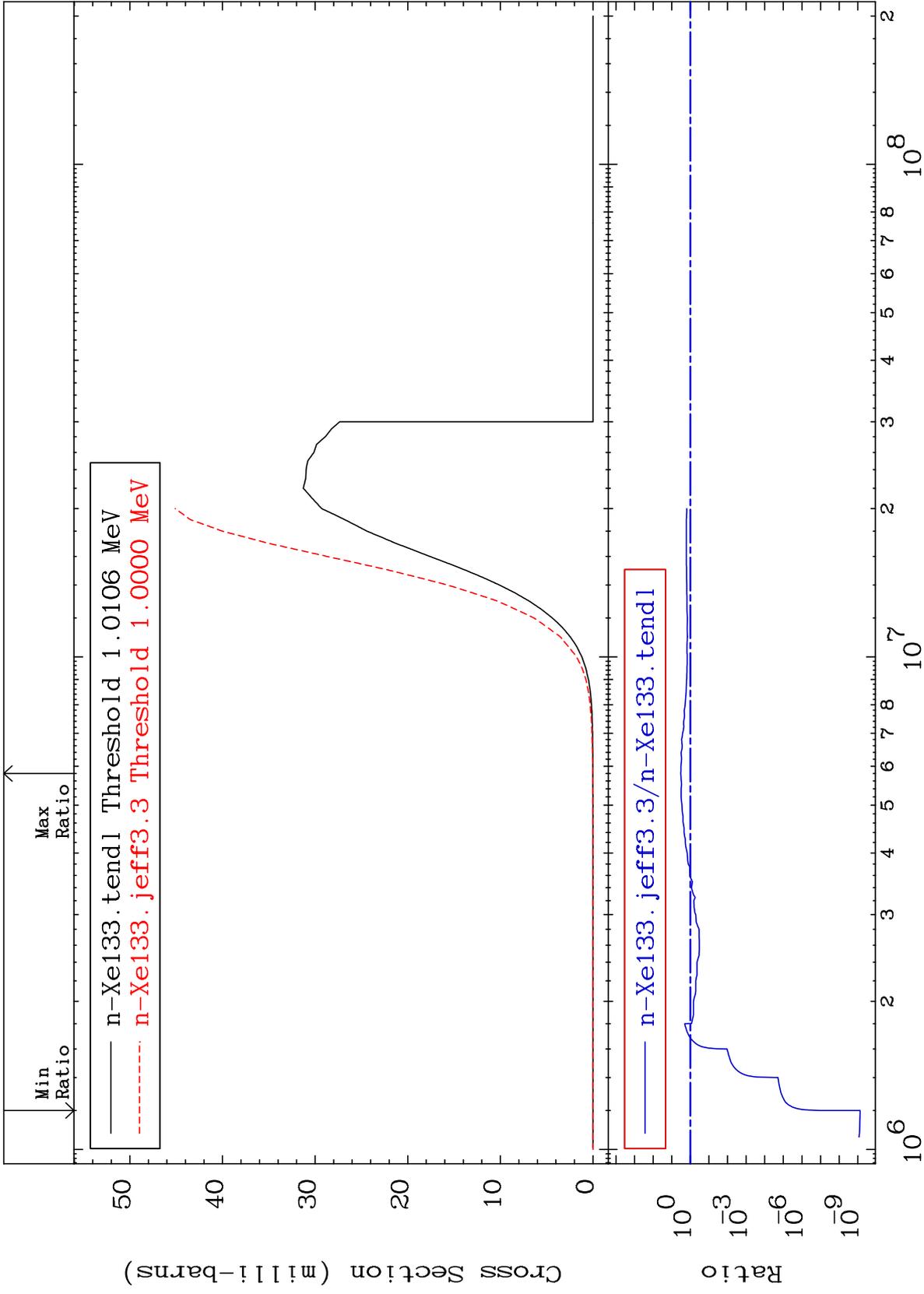
MAT 5452

(n, p)

54-Xe-133

Cross Section

-100.0 To 226.3 %



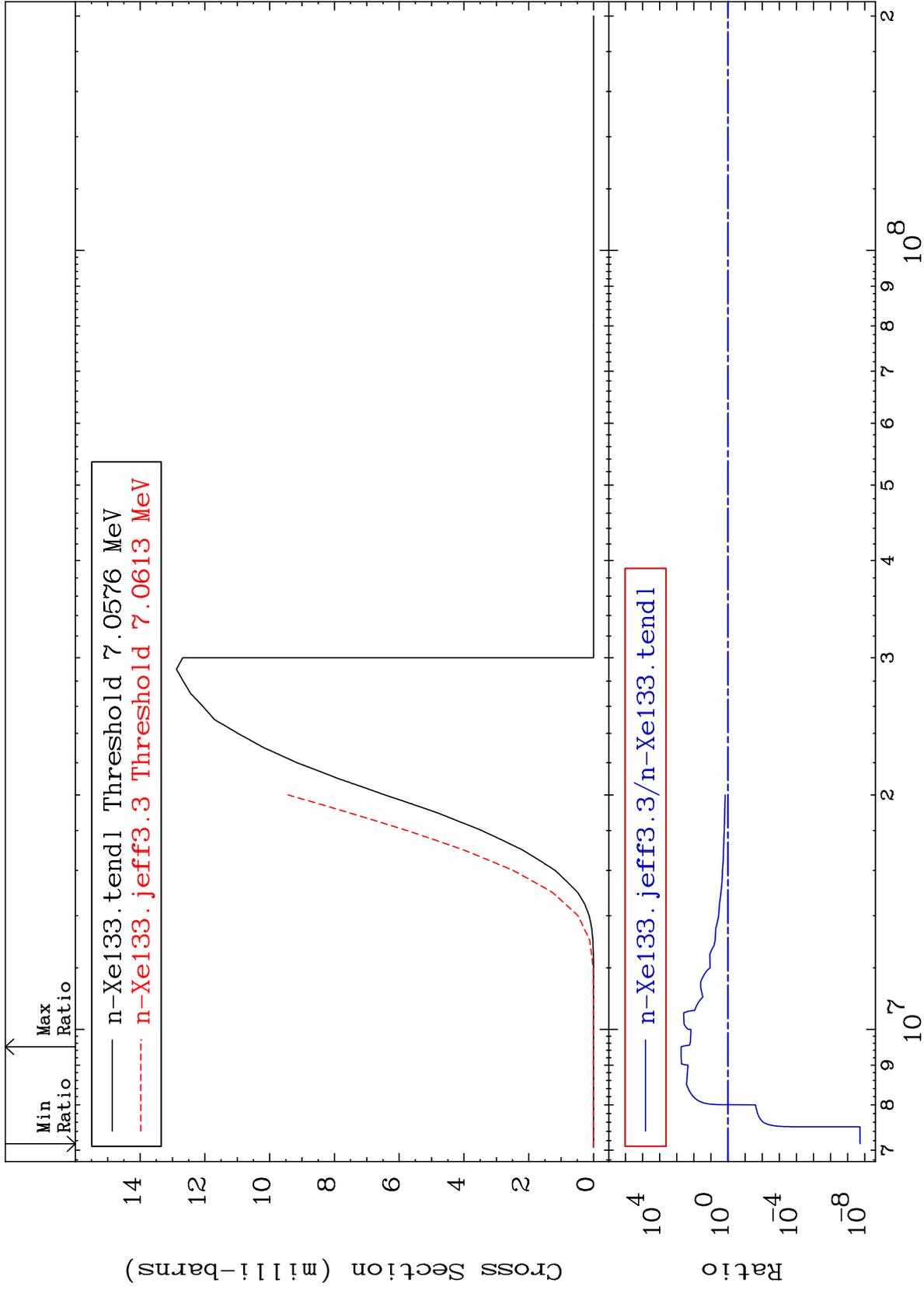
19

Incident Energy (eV)

54-Xe-133

Cross Section

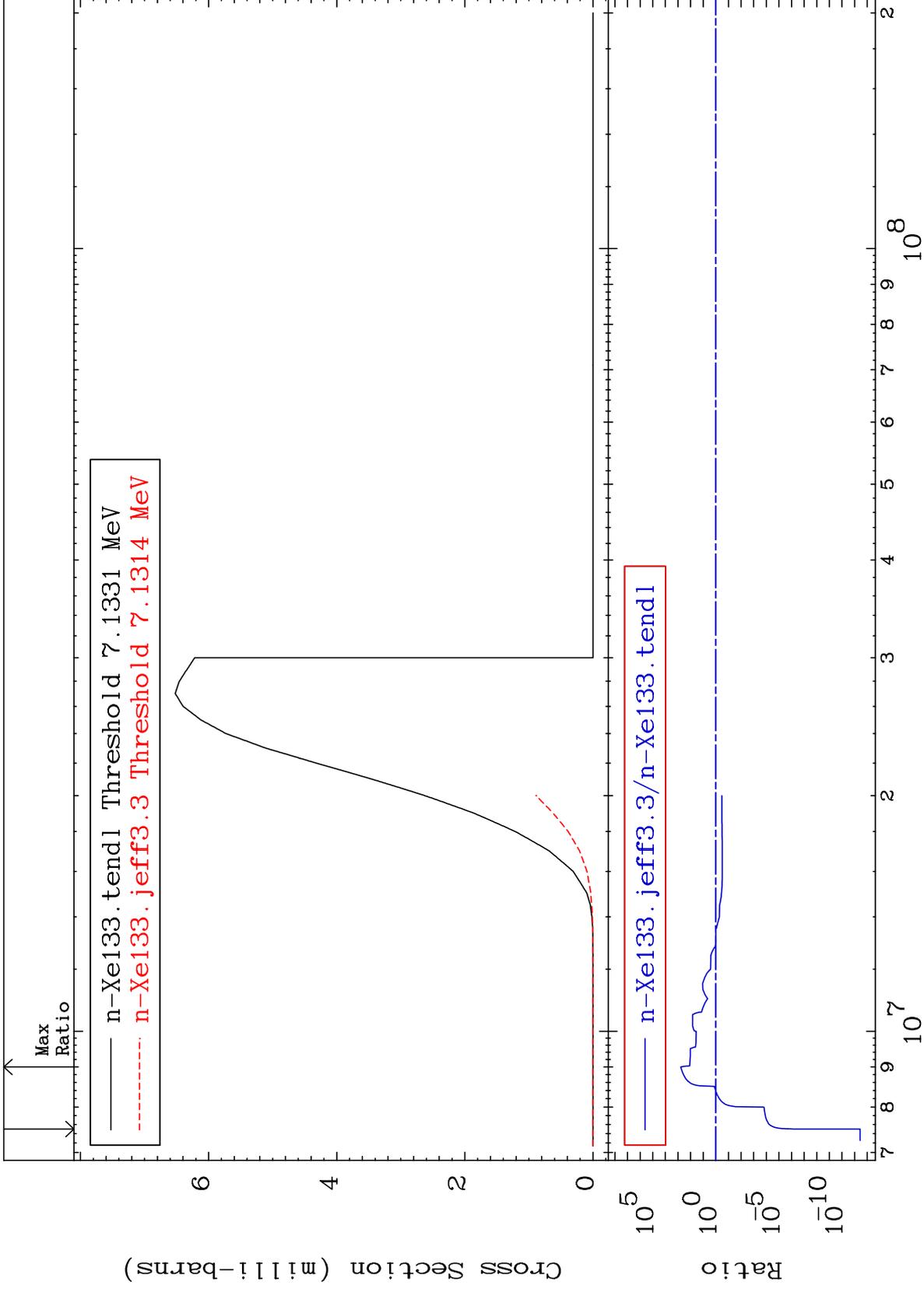
-100.0 To 9999. %



MAT 5452

(n, t)
Cross Section

54-Xe-133
-100.0 To 9999. %



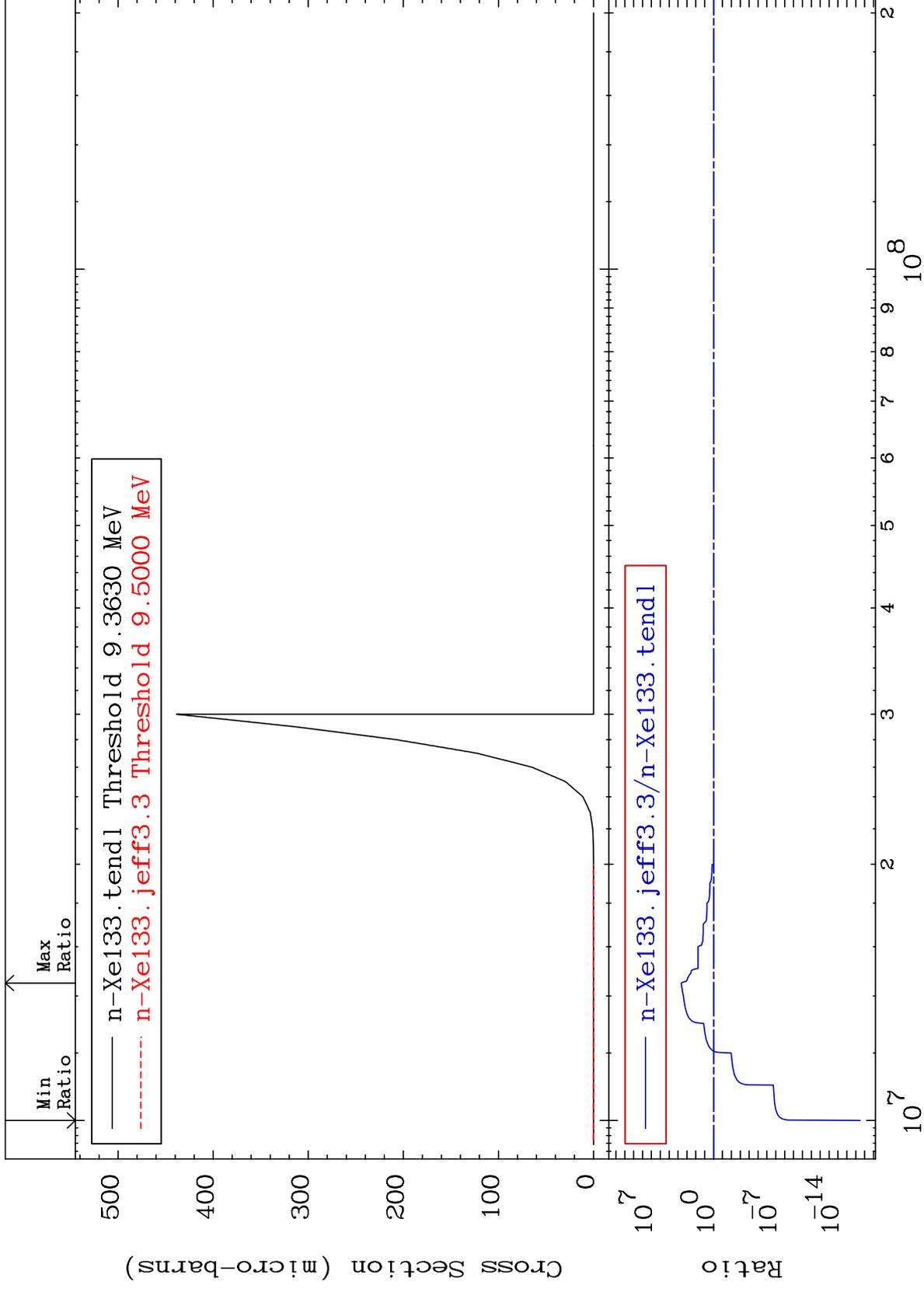
MAT 5452

(n, He-3)

54-Xe-133

Cross Section

-100.0 To 9999. %



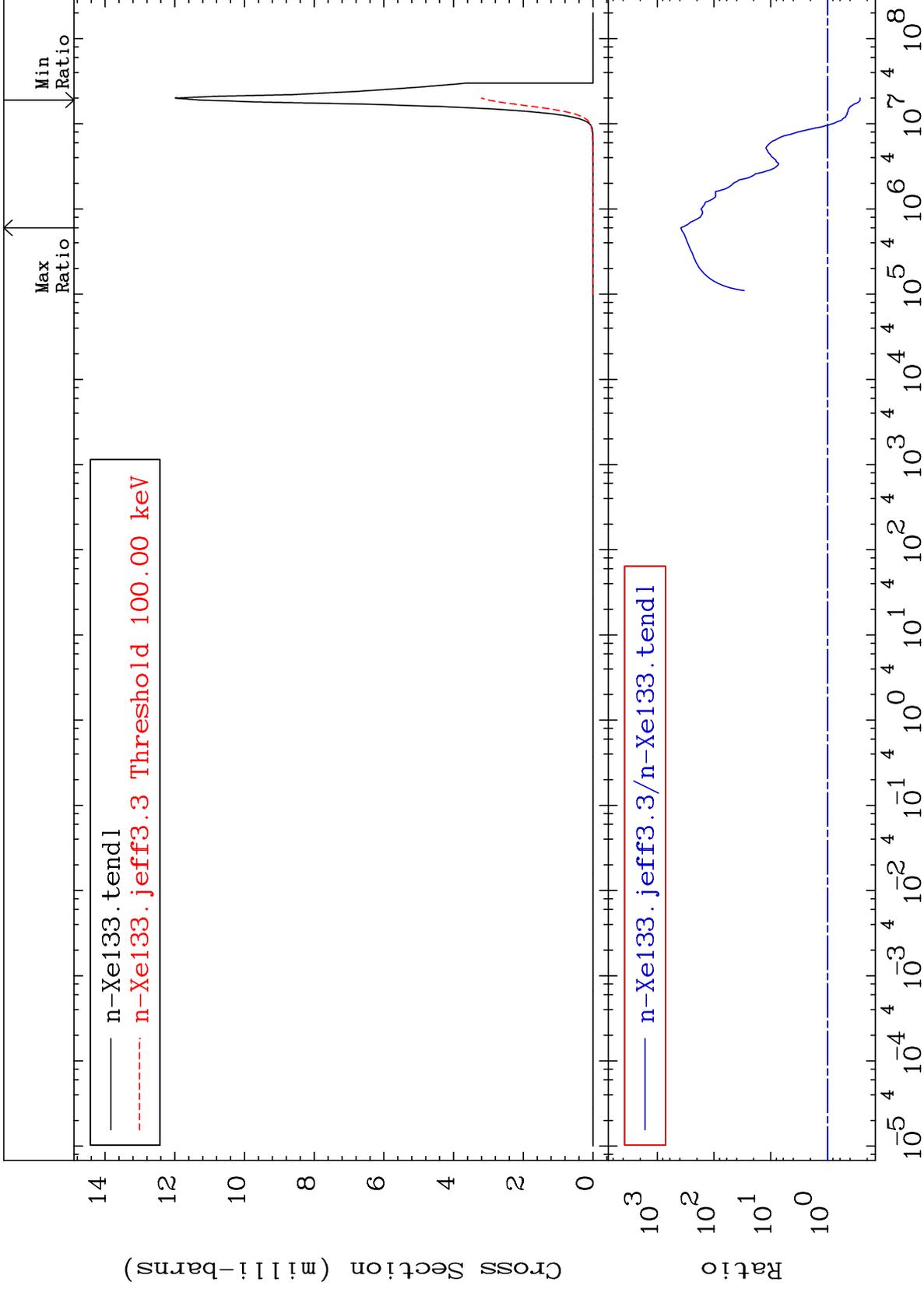
MAT 5452

(n, α)

54-Xe-133

Cross Section

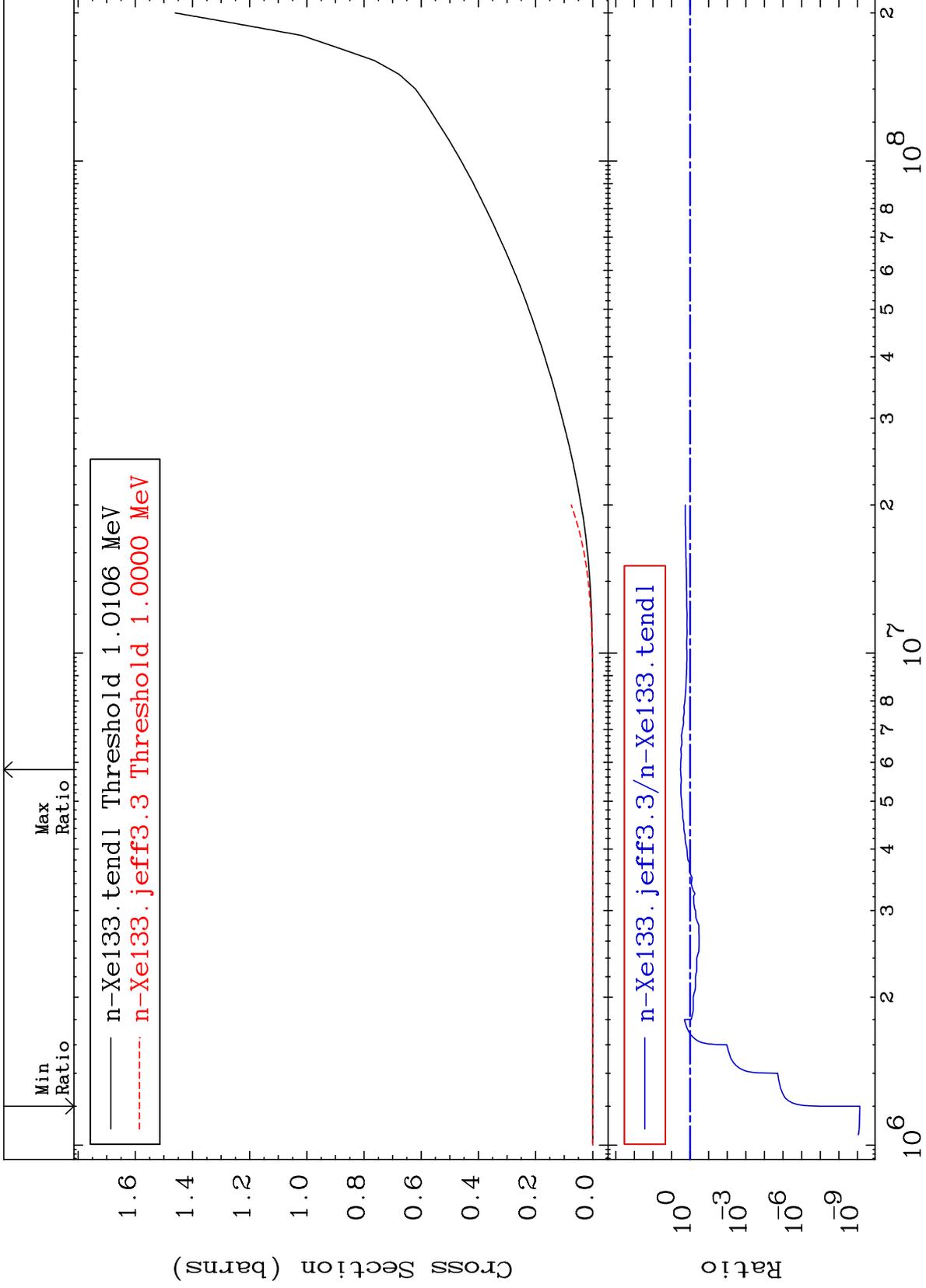
-73.34 To 9999. %



MAT 5452

Hydrogen Production
Cross Section

54-Xe-133
-100.0 To 226.3 %



24

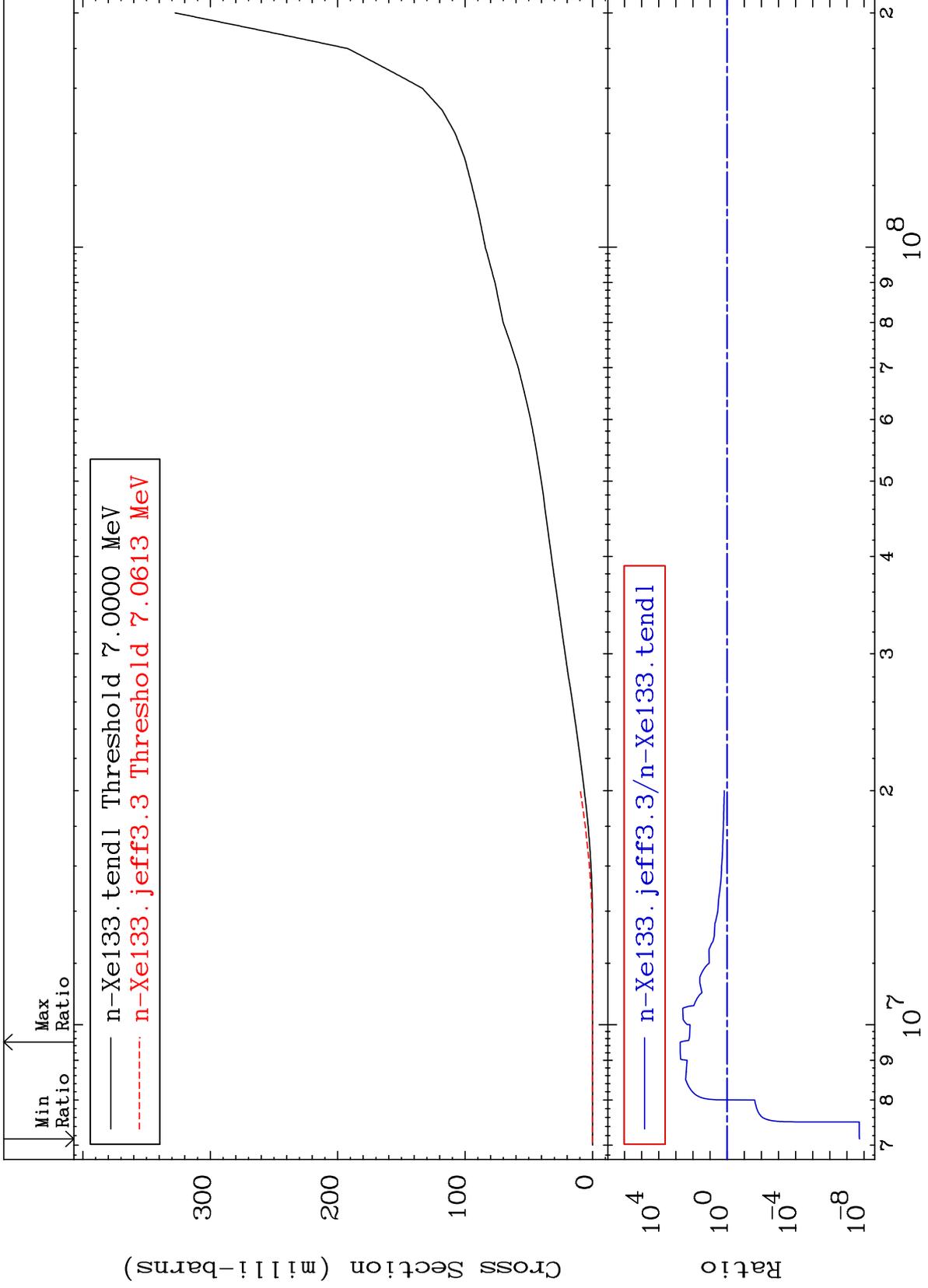
Incident Energy (eV)

54-Xe-133

MAT 5452

Deuterium Production
Cross Section

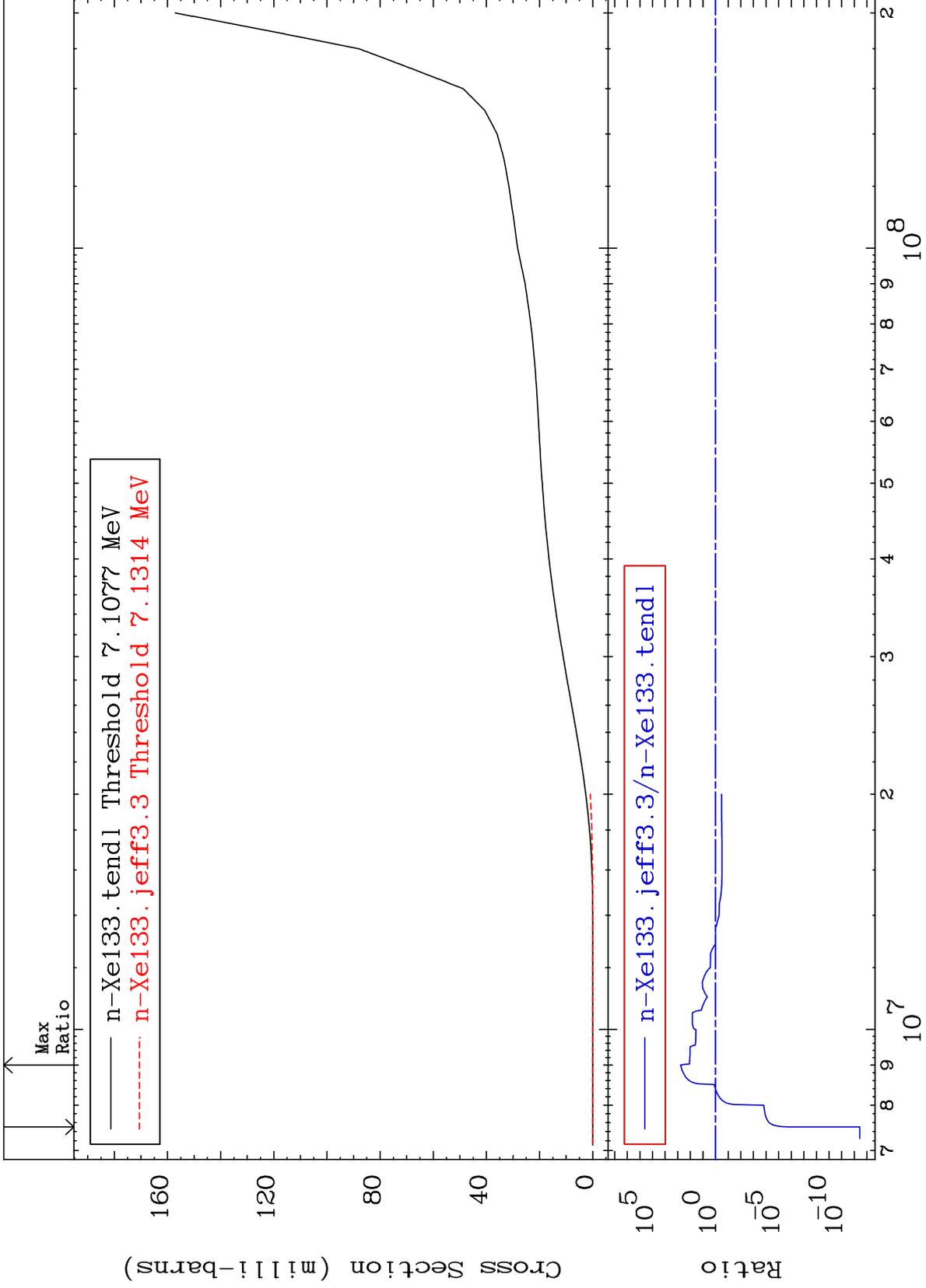
54-Xe-133
-100.0 To 9999. %



MAT 5452

Tritium Production
Cross Section

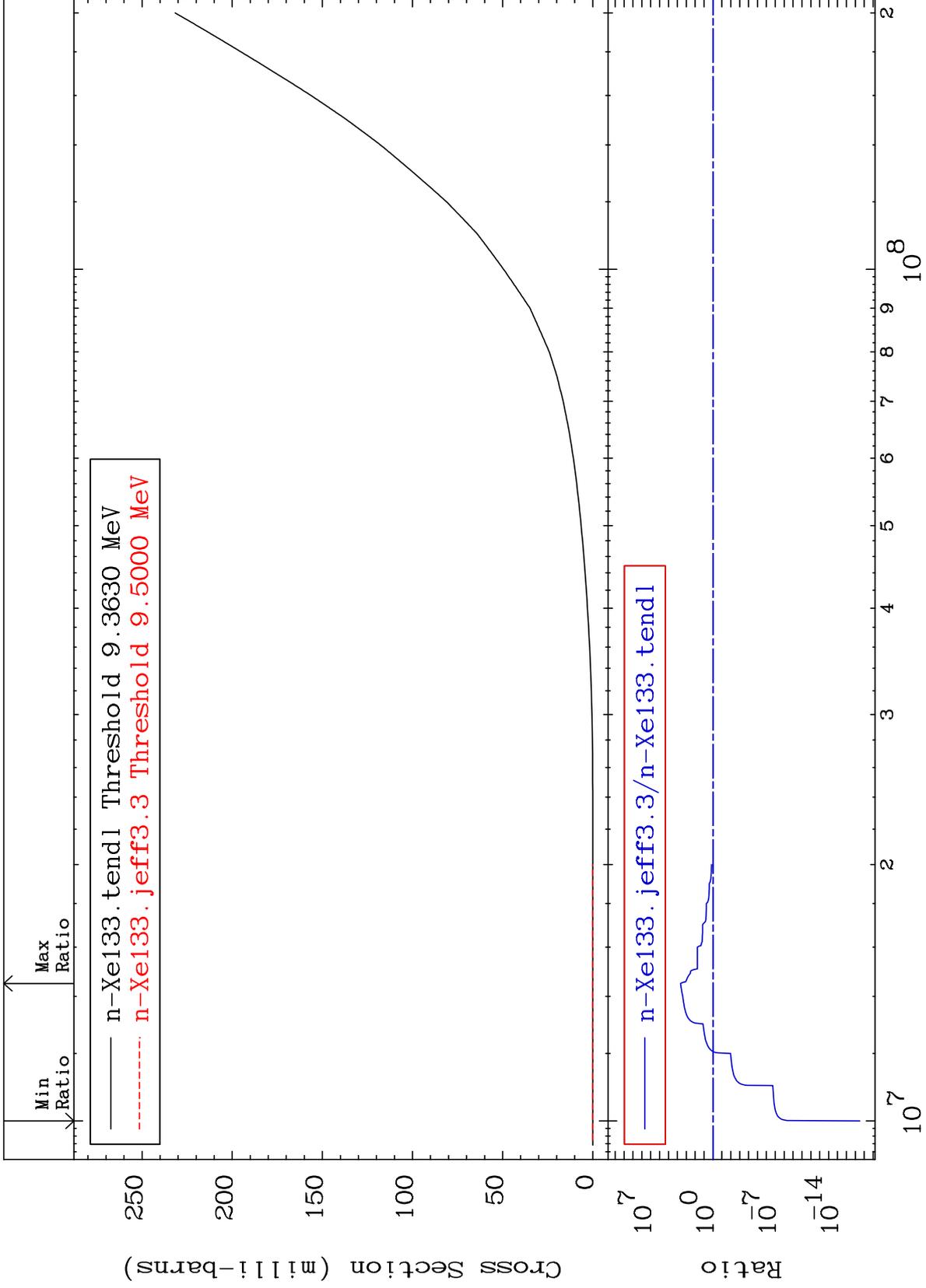
54-Xe-133
-100.0 To 9999. %



MAT 5452

He-3 Production
Cross Section

54-Xe-133
-100.0 To 9999. %



27

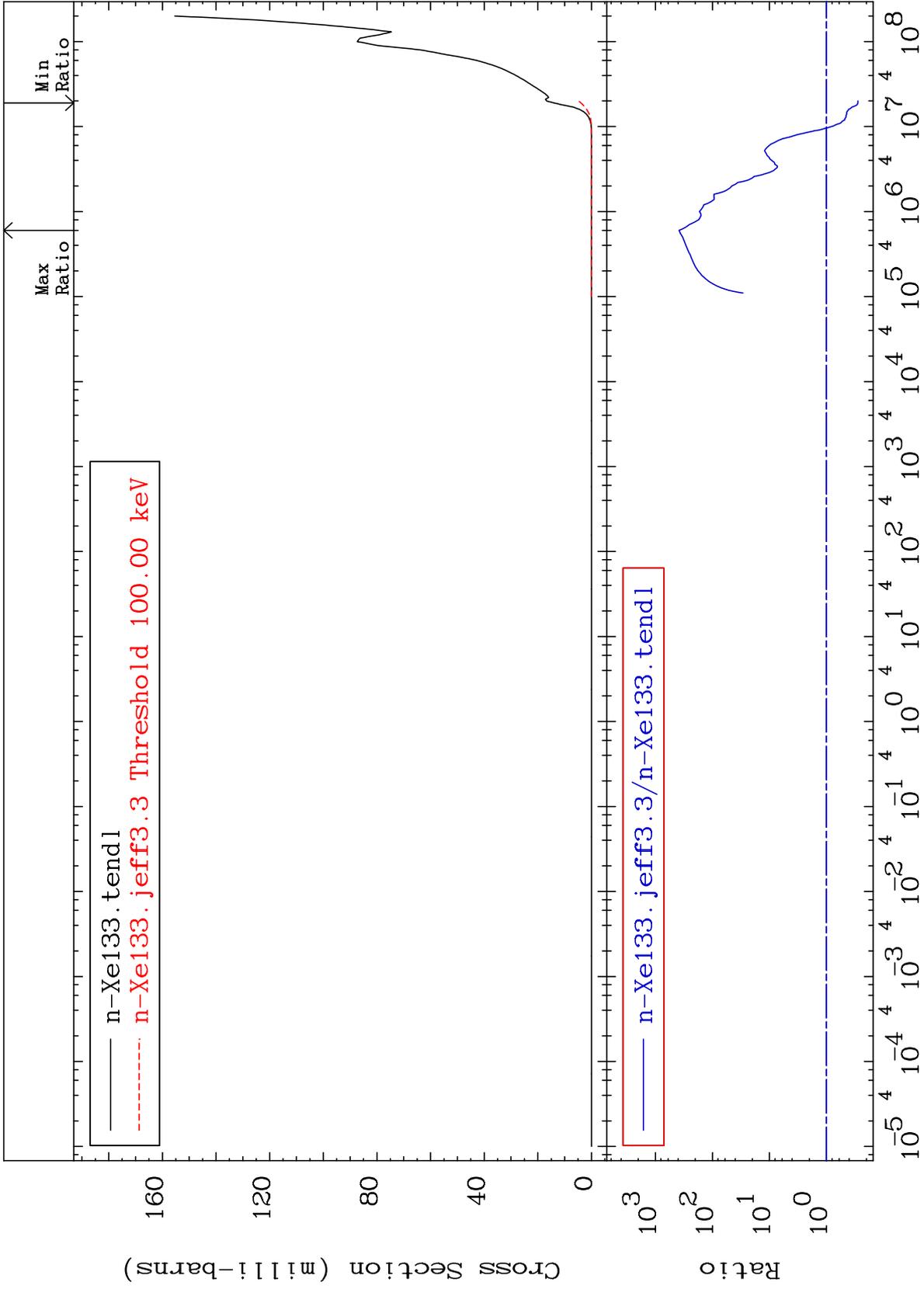
Incident Energy (eV)

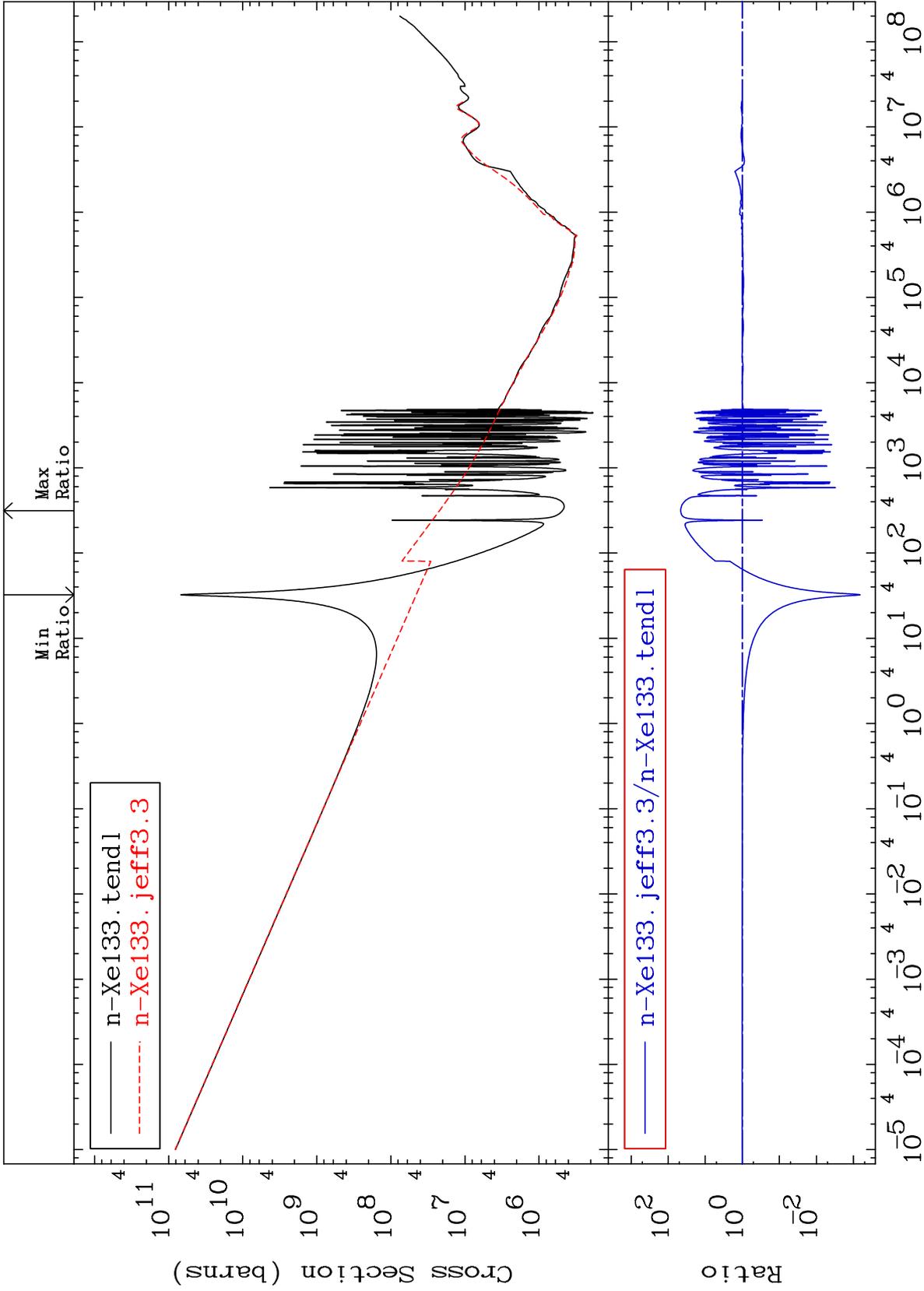
54-Xe-133

MAT 5452

He-4 Production
Cross Section

54-Xe-133
-71.85 To 9999. %

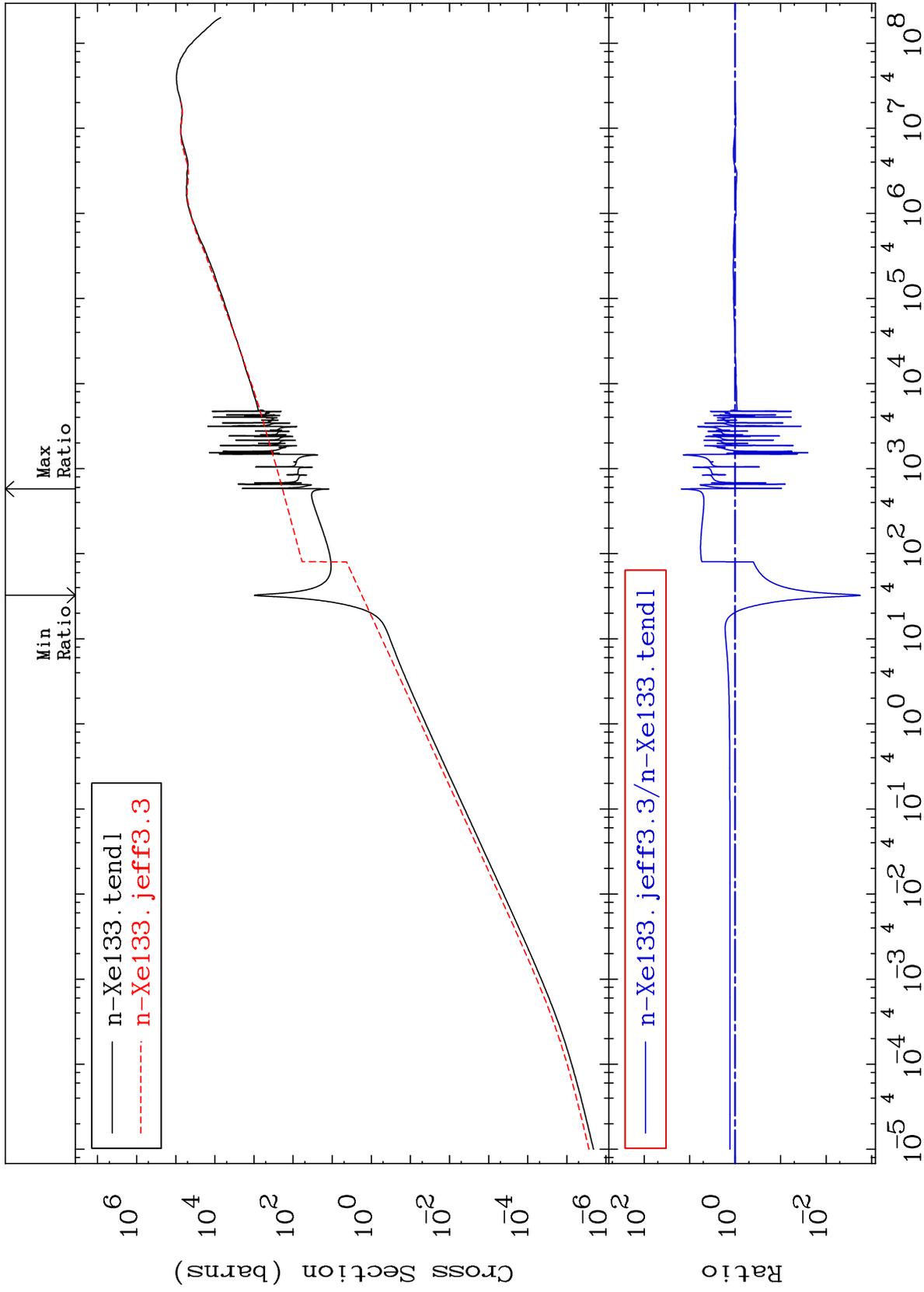


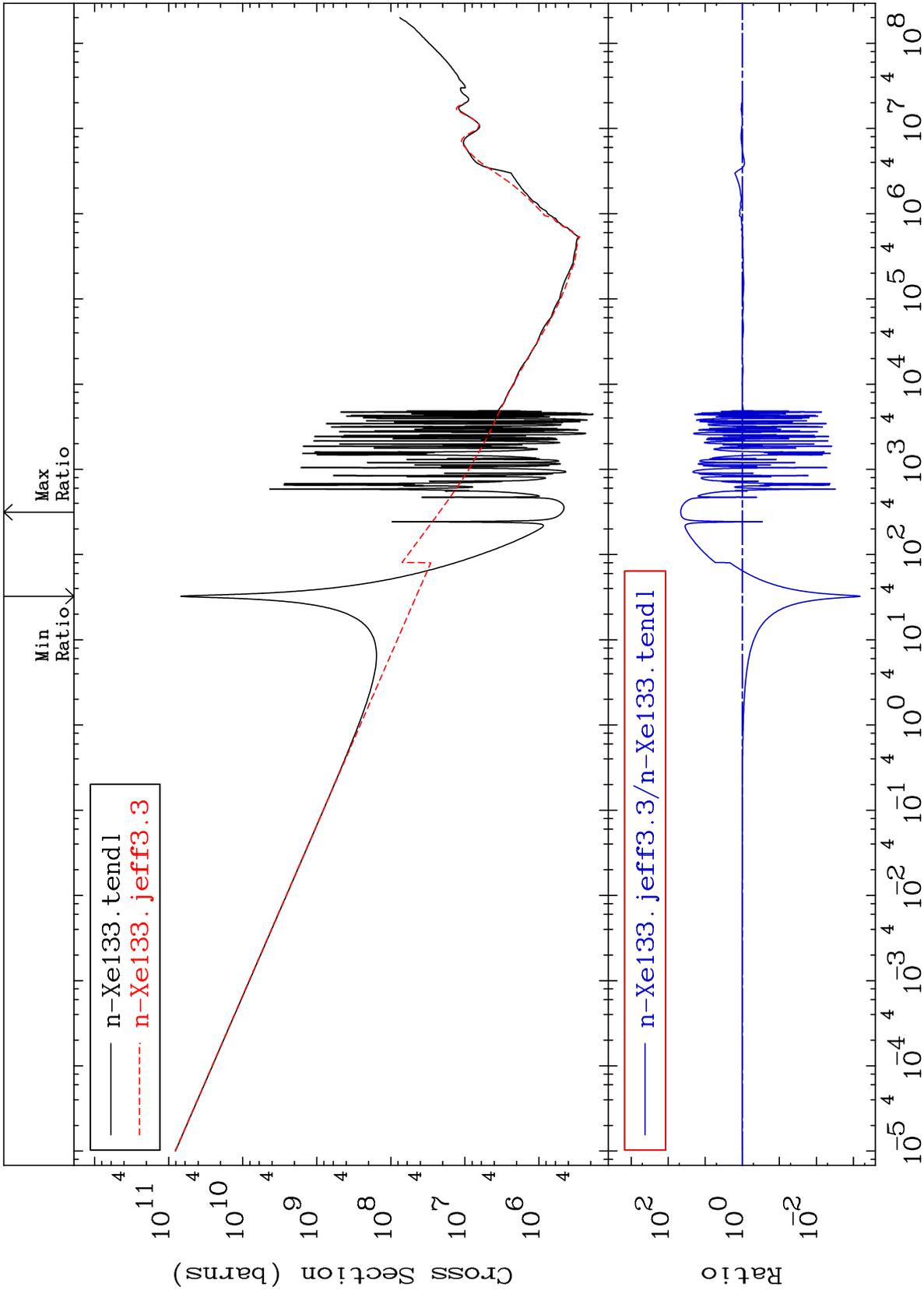


MAT 5452

Kerma elastic
Cross Section

54-Xe-133
-99.82 To 1434. %

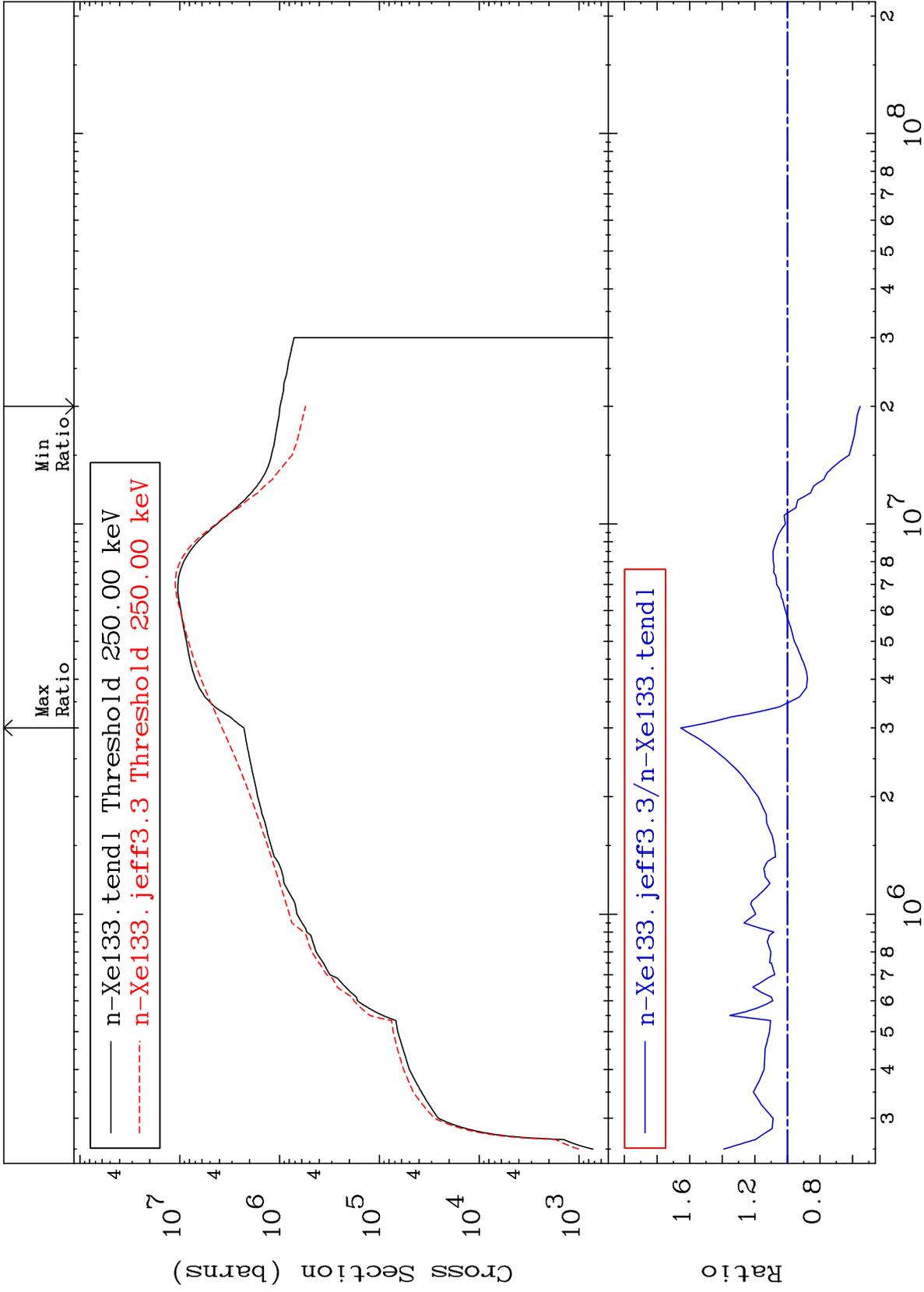




MAT 5452

Kerma inelastic (mt51-91)
Cross Section

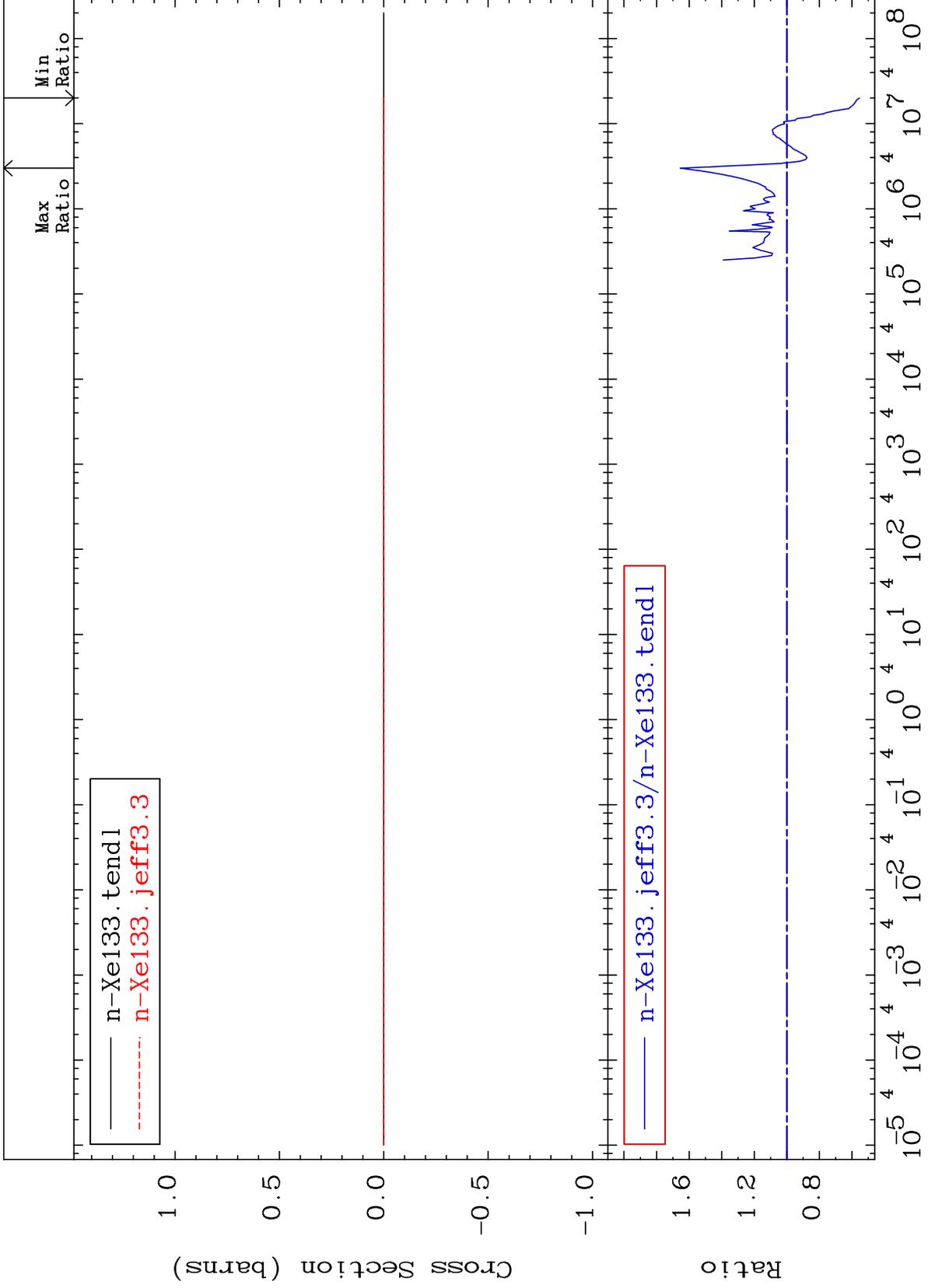
54-Xe-133
-44.57 To 65.44 %



MAT 5452

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

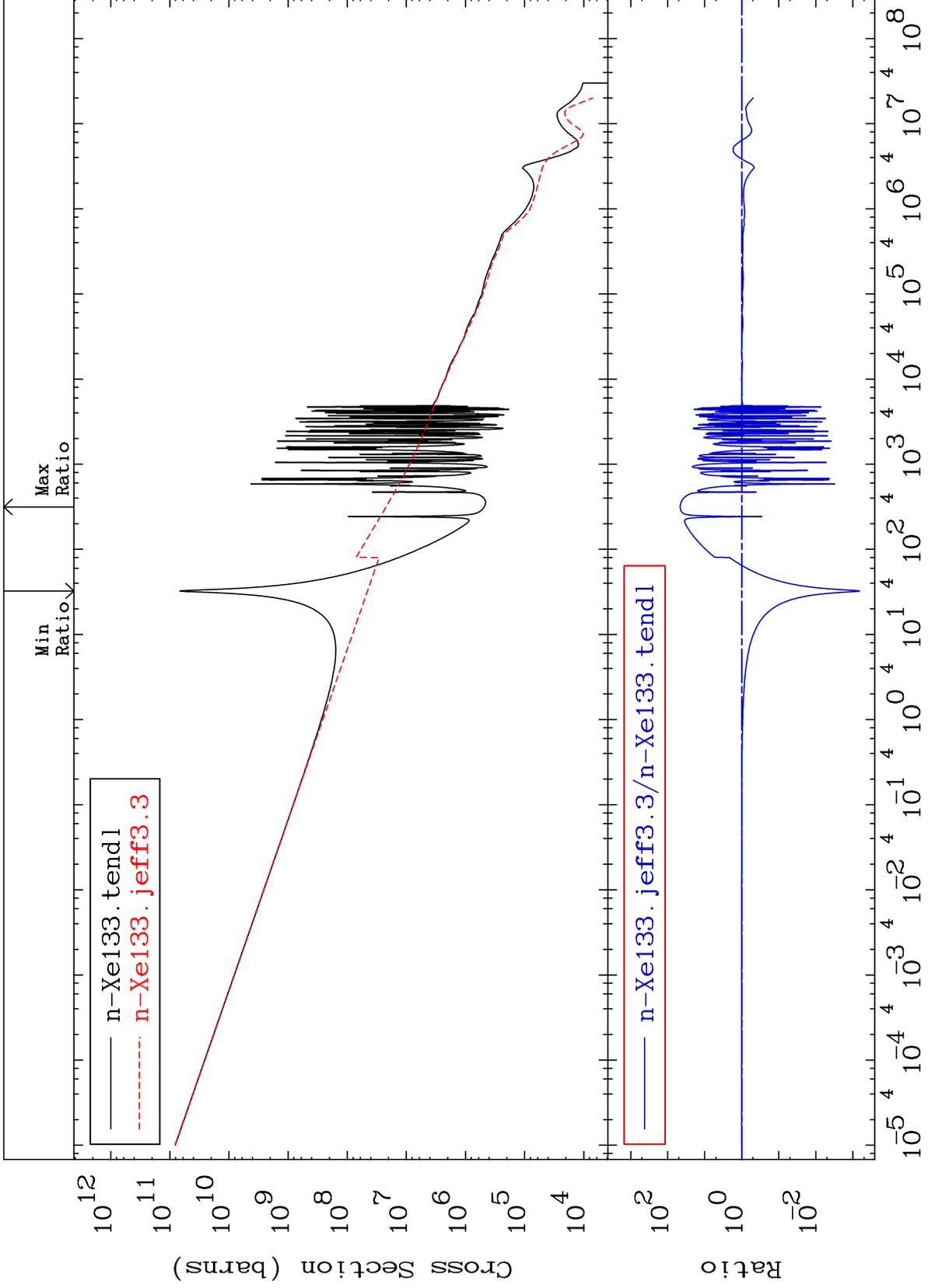
54-Xe-133
-44.57 To 65.44 %



MAT 5452

Kerma capture (mt102)
Cross Section

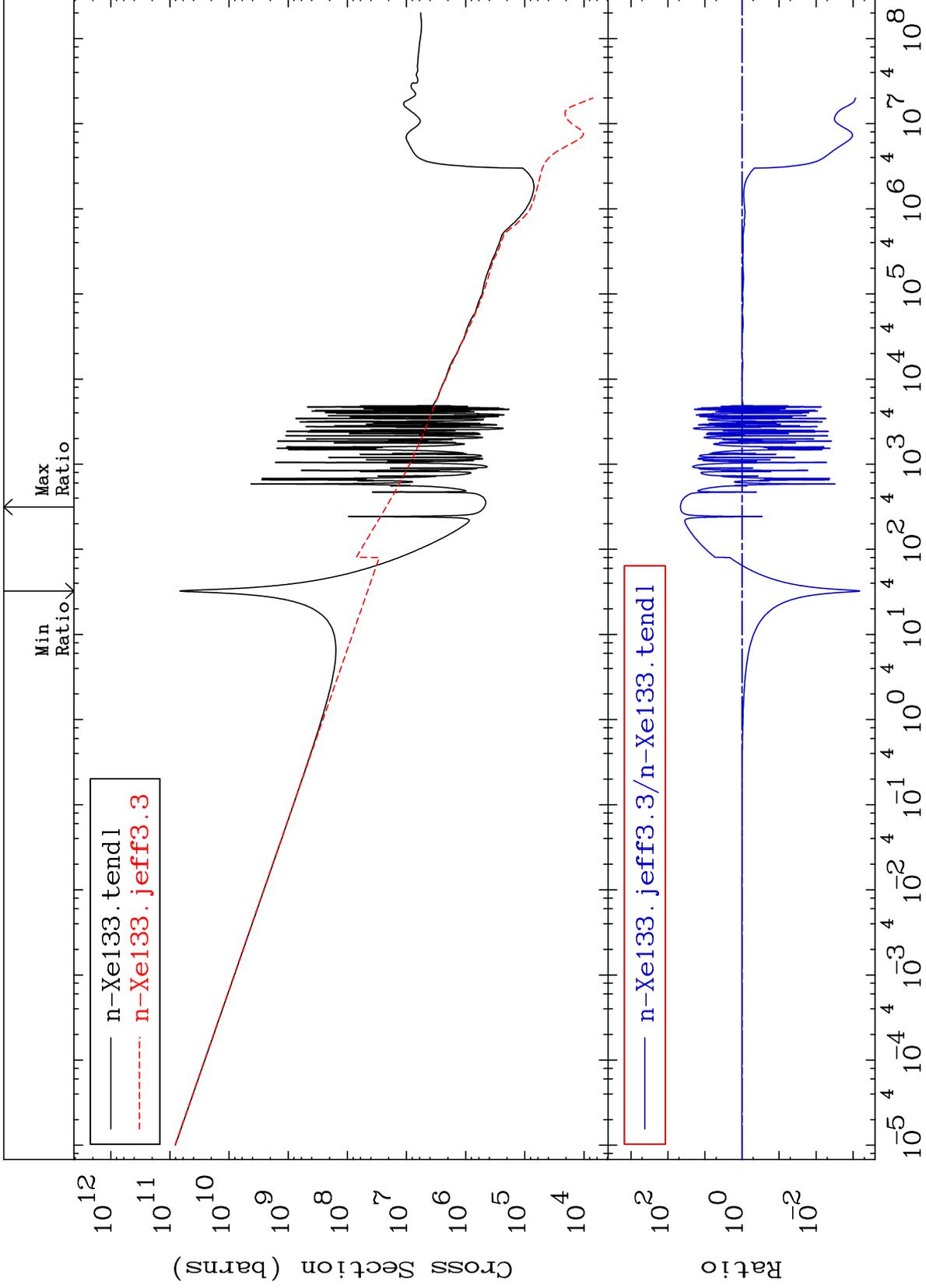
54-Xe-133
-99.93 To 4478. %

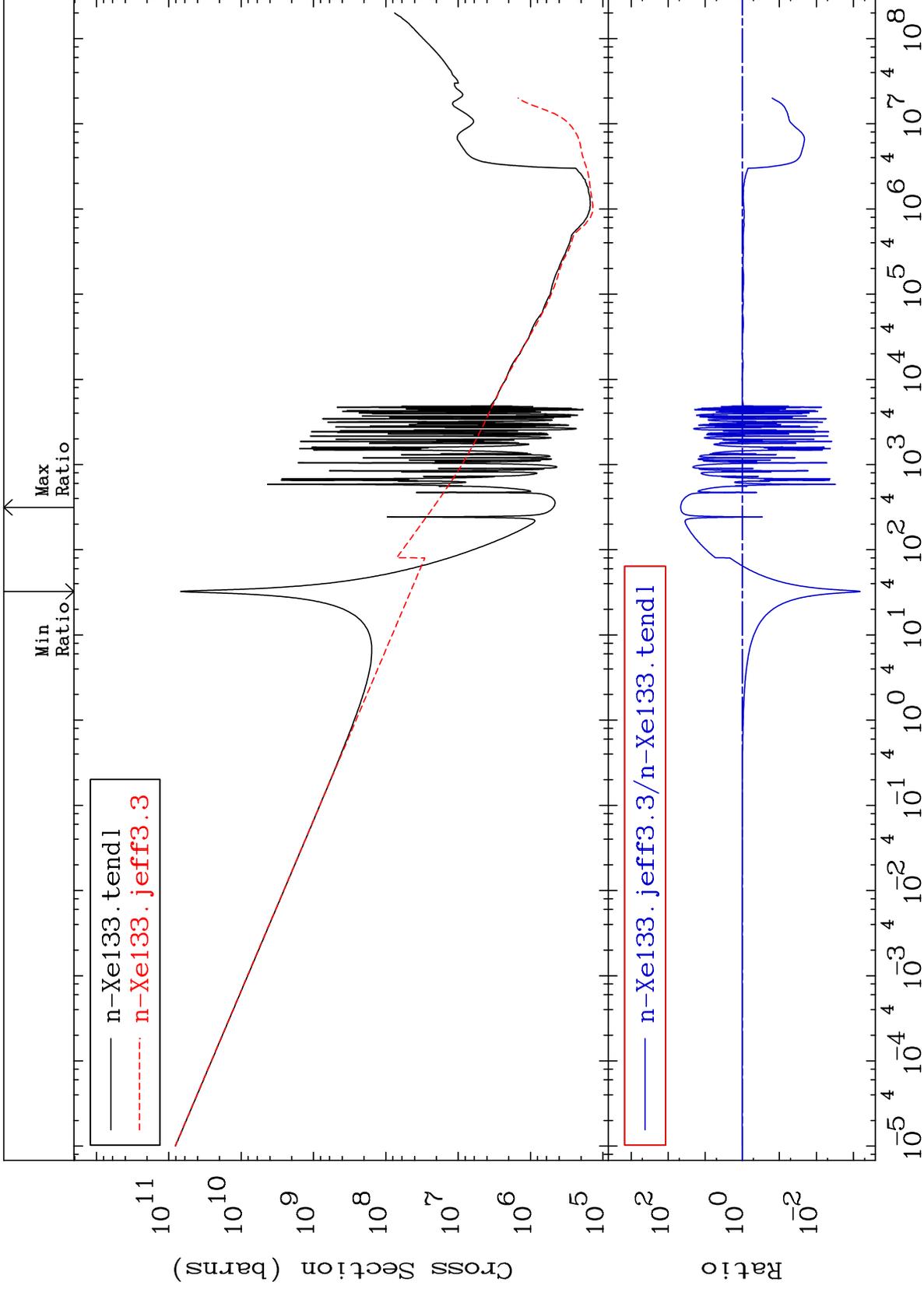


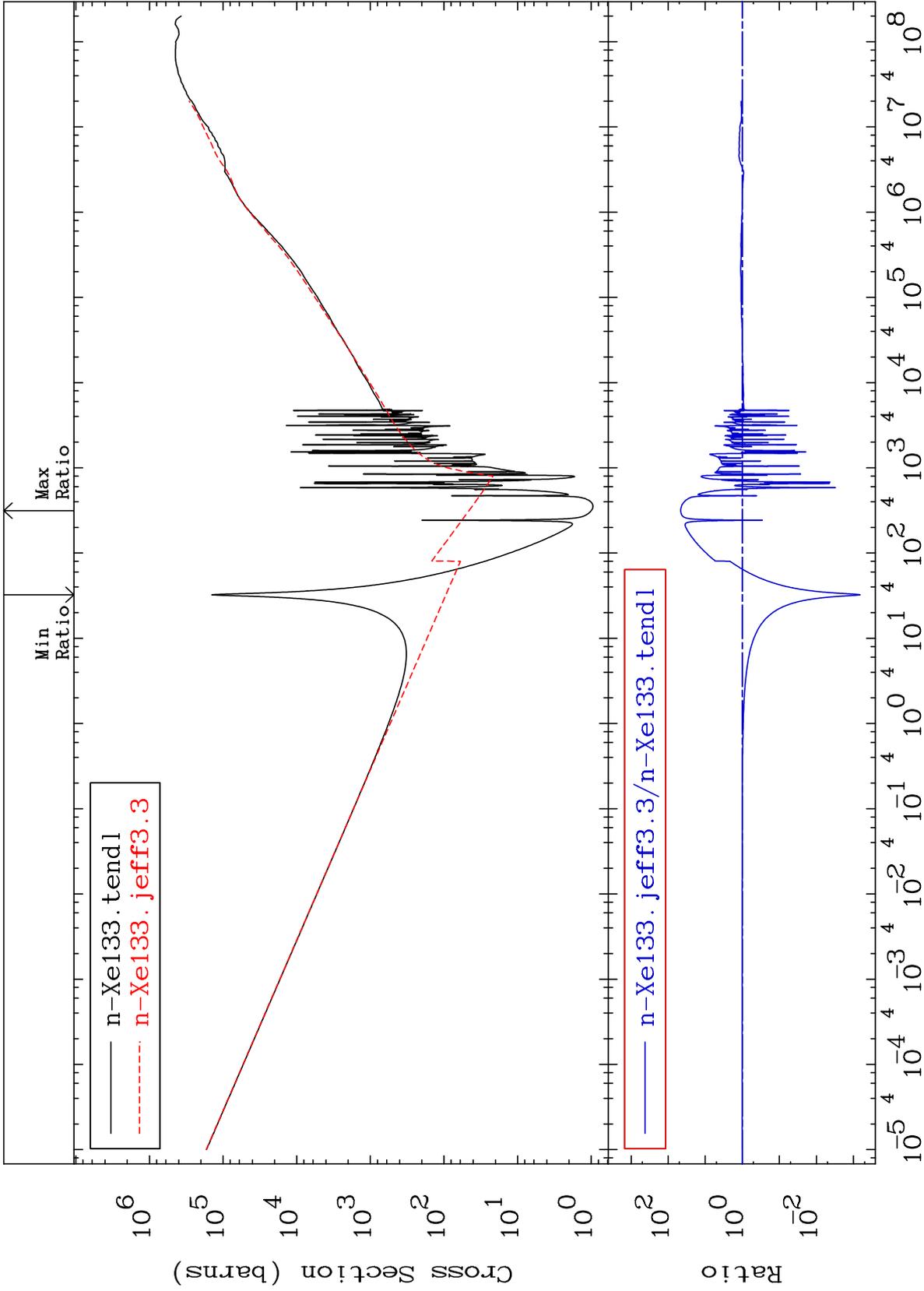
MAT 5452

Total photon (eV-barns)
Cross Section

54-Xe-133
-99.93 To 4478. %



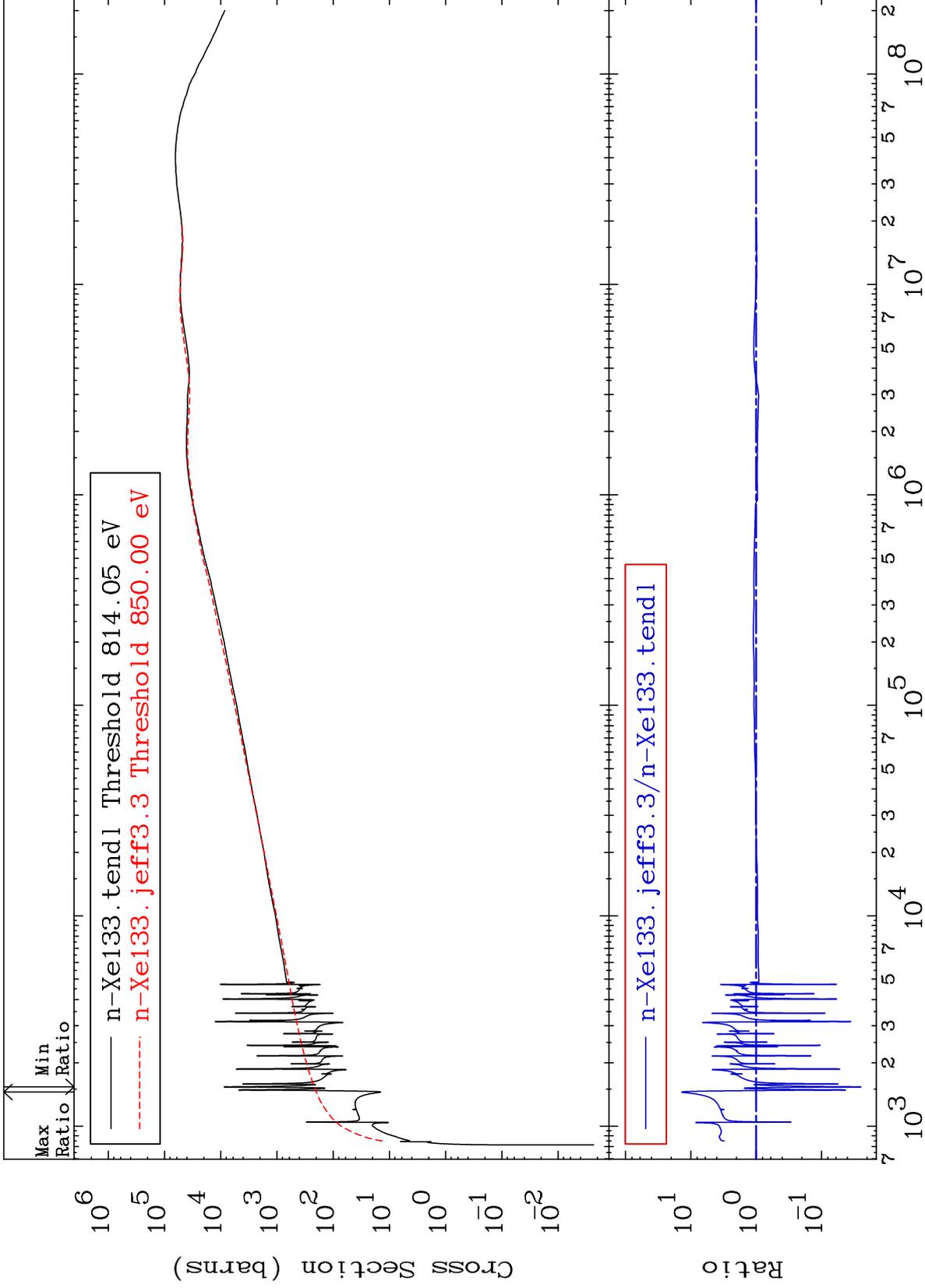




MAT 5452

Dpa elastic (mt2)
Cross Section

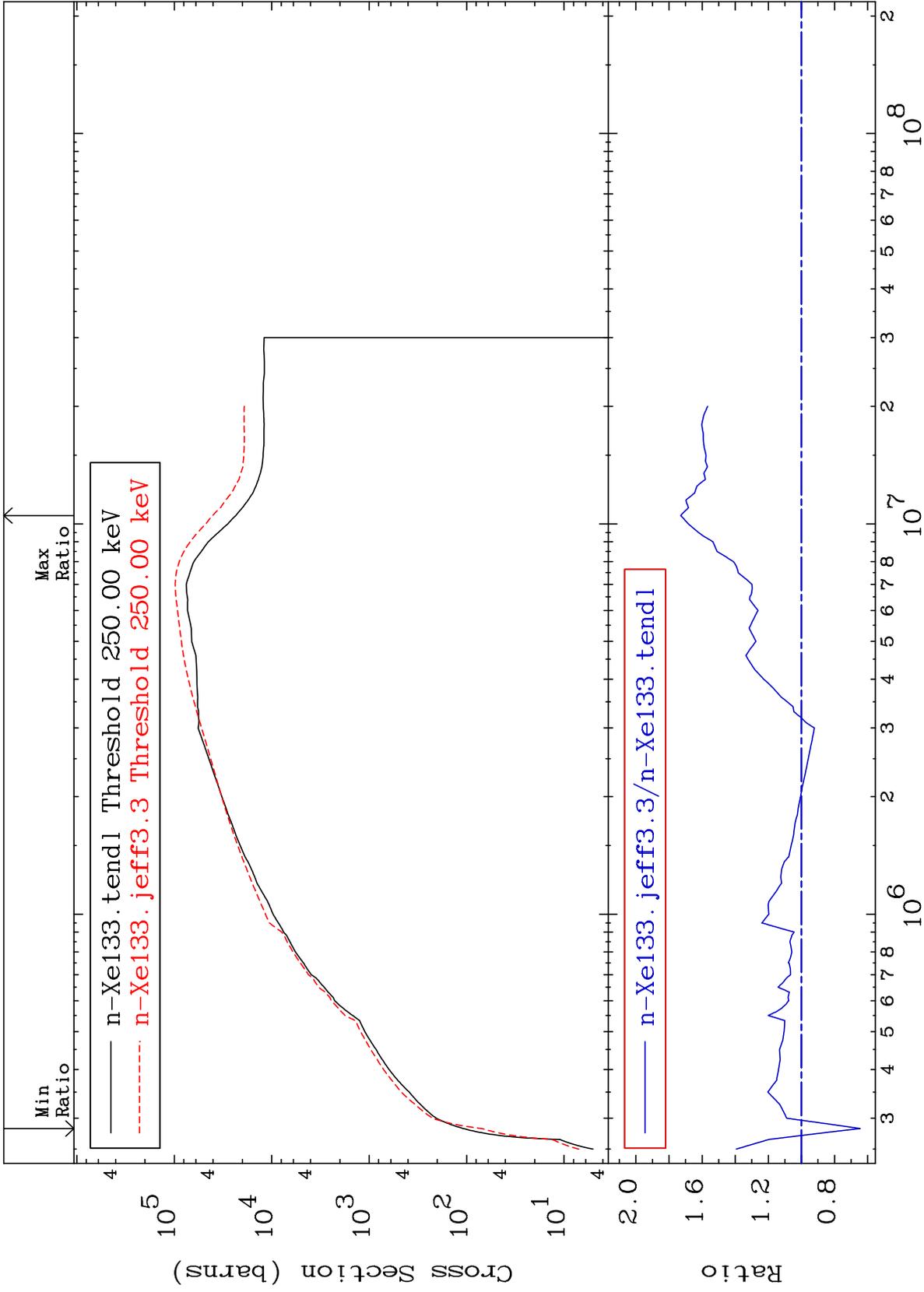
54-Xe-133
-97.52 To 1290. %



38

Incident Energy (eV)

54-Xe-133



MAT 5452

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-133
-99.93 To 4478. %

