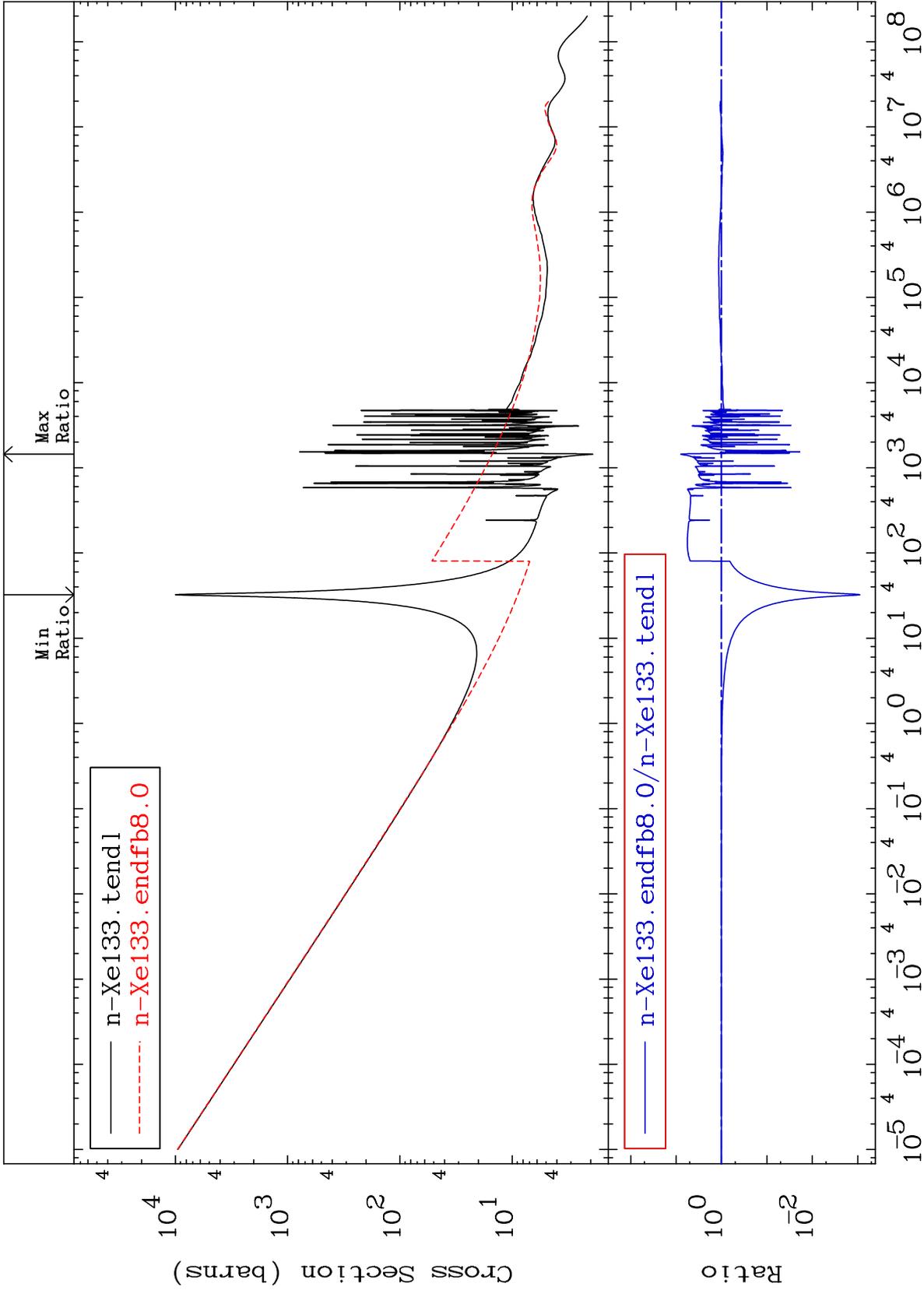


MAT 5452

54-Xe-133

-99.91 To 690.5 %

Total
Cross Section



Incident Energy (eV)

54-Xe-133

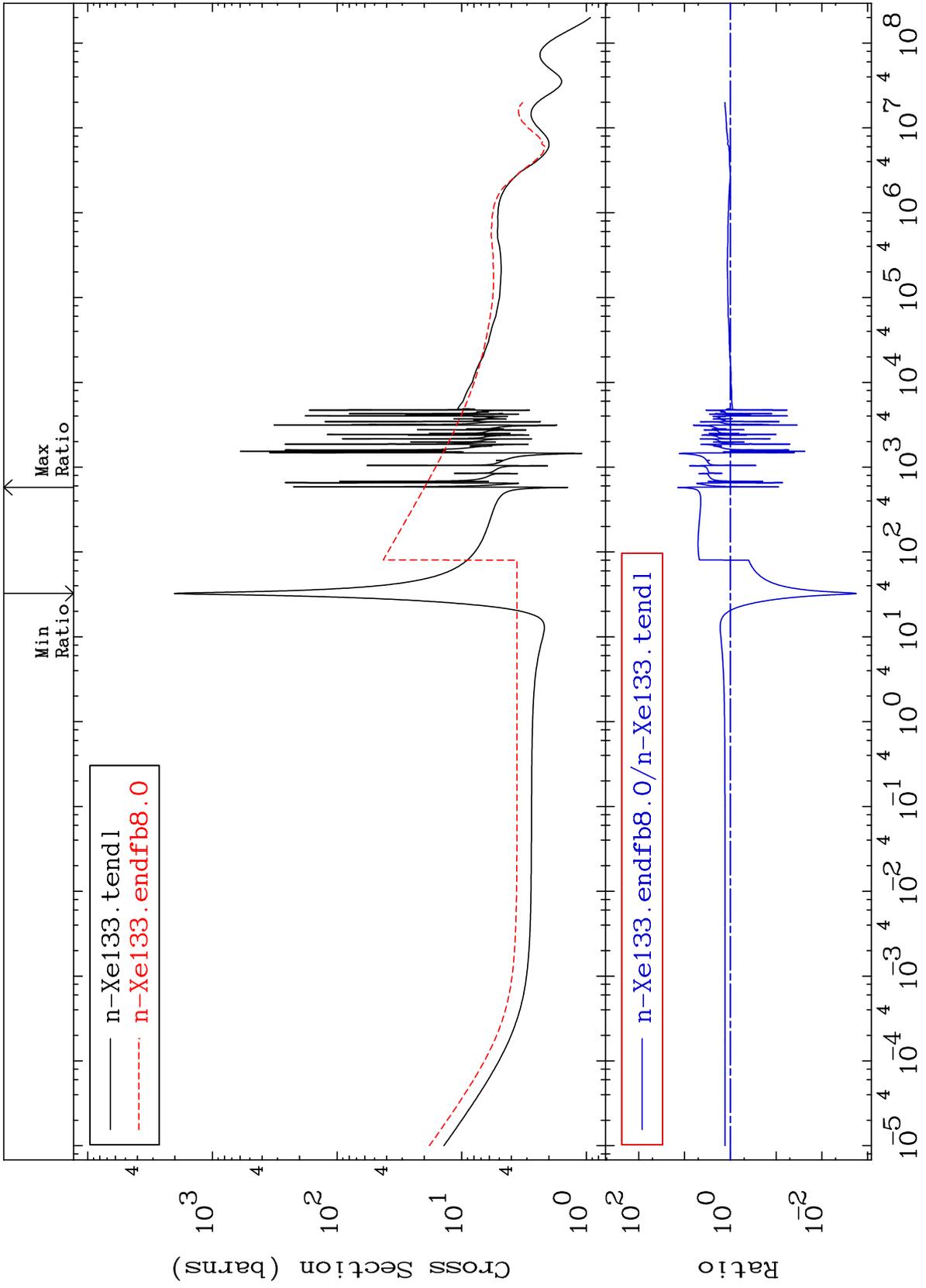
MAT 5452

Elastic

54-Xe-133

Cross Section

-99.82 To 1308. %



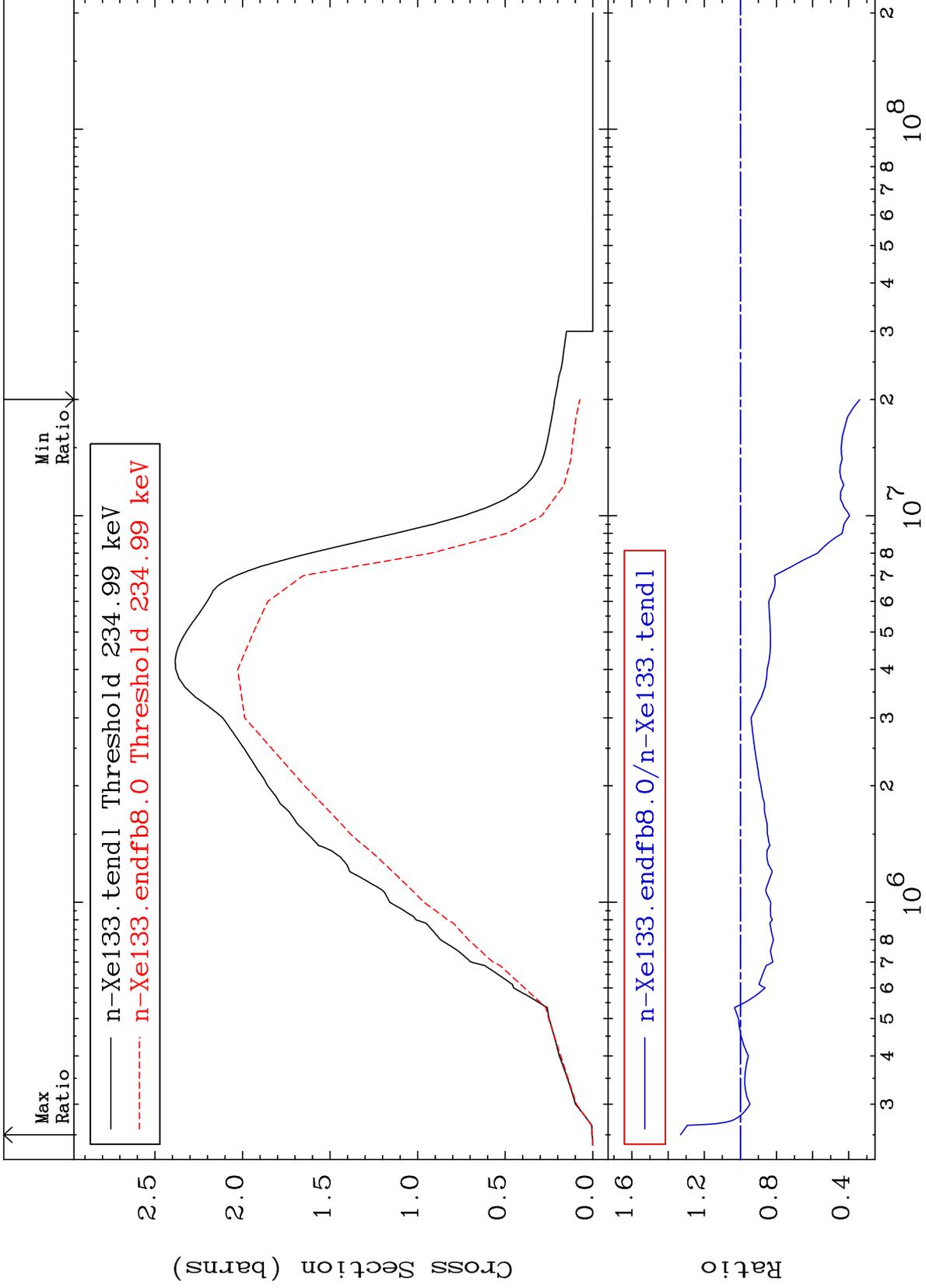
Incident Energy (eV)

54-Xe-133

MAT 5452

Inelastic
Cross Section

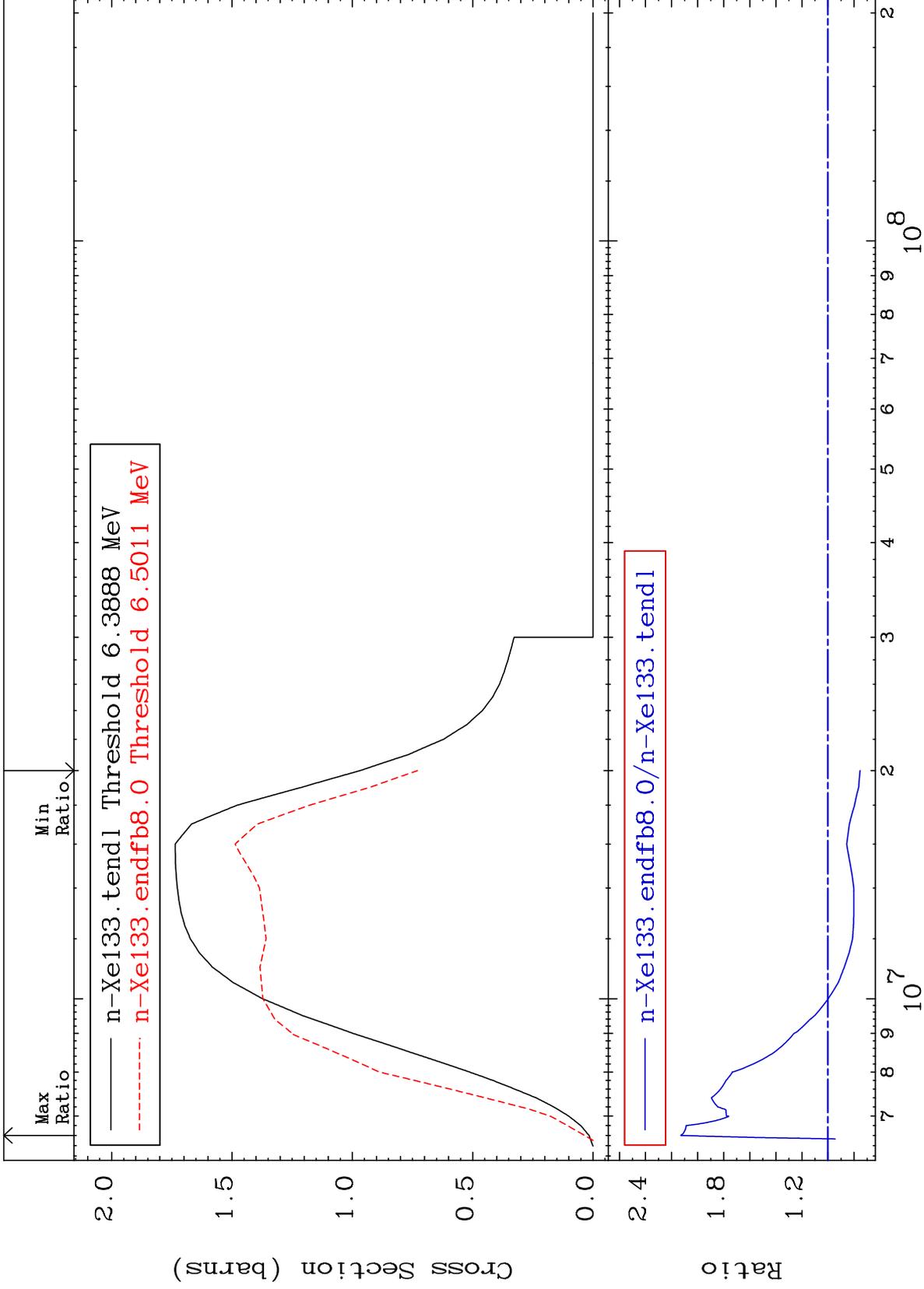
54-Xe-133
-66.12 To 33.11 %

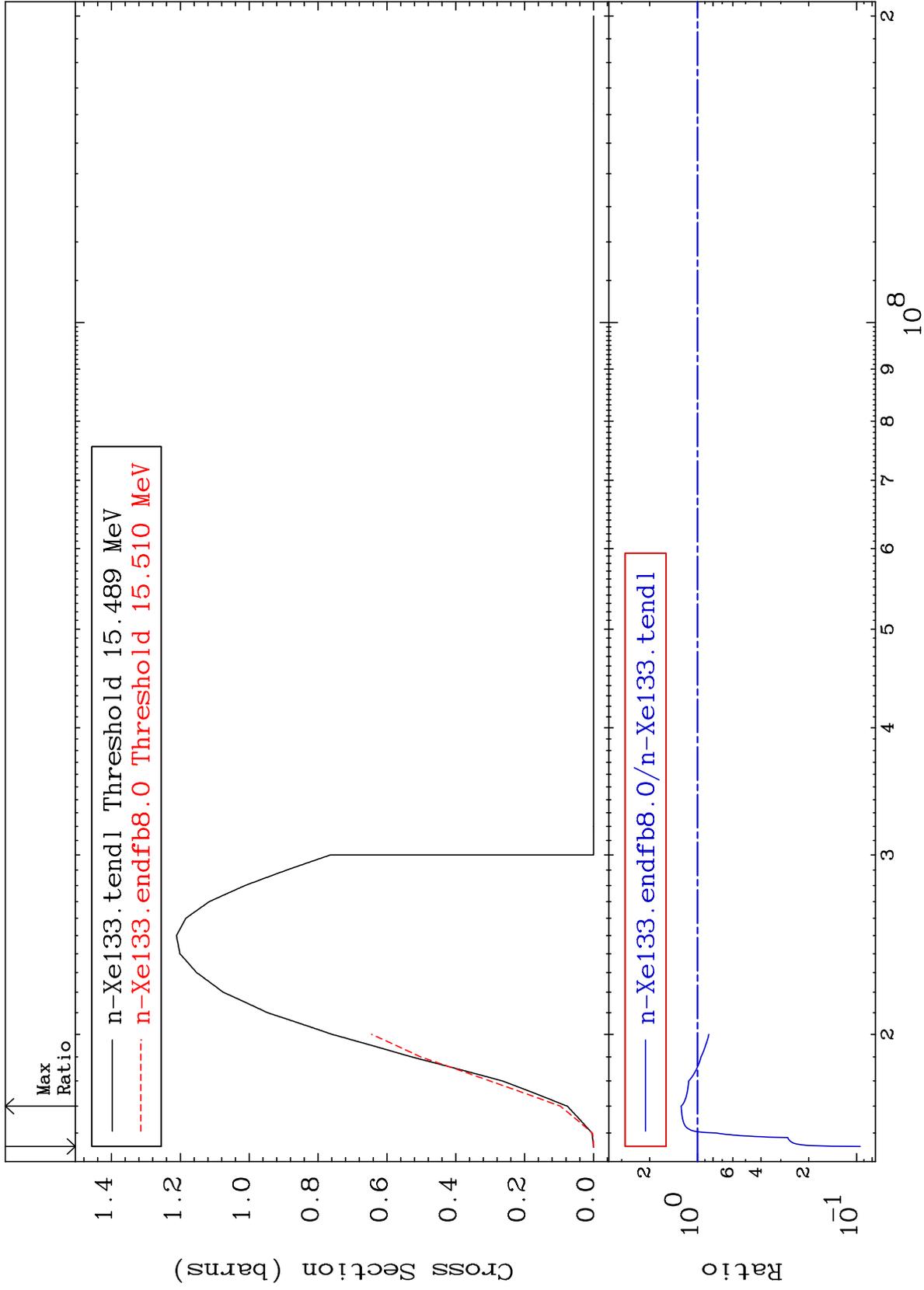


MAT 5452

(n,2n)
Cross Section

54-Xe-133
-24.61 To 113.0 %

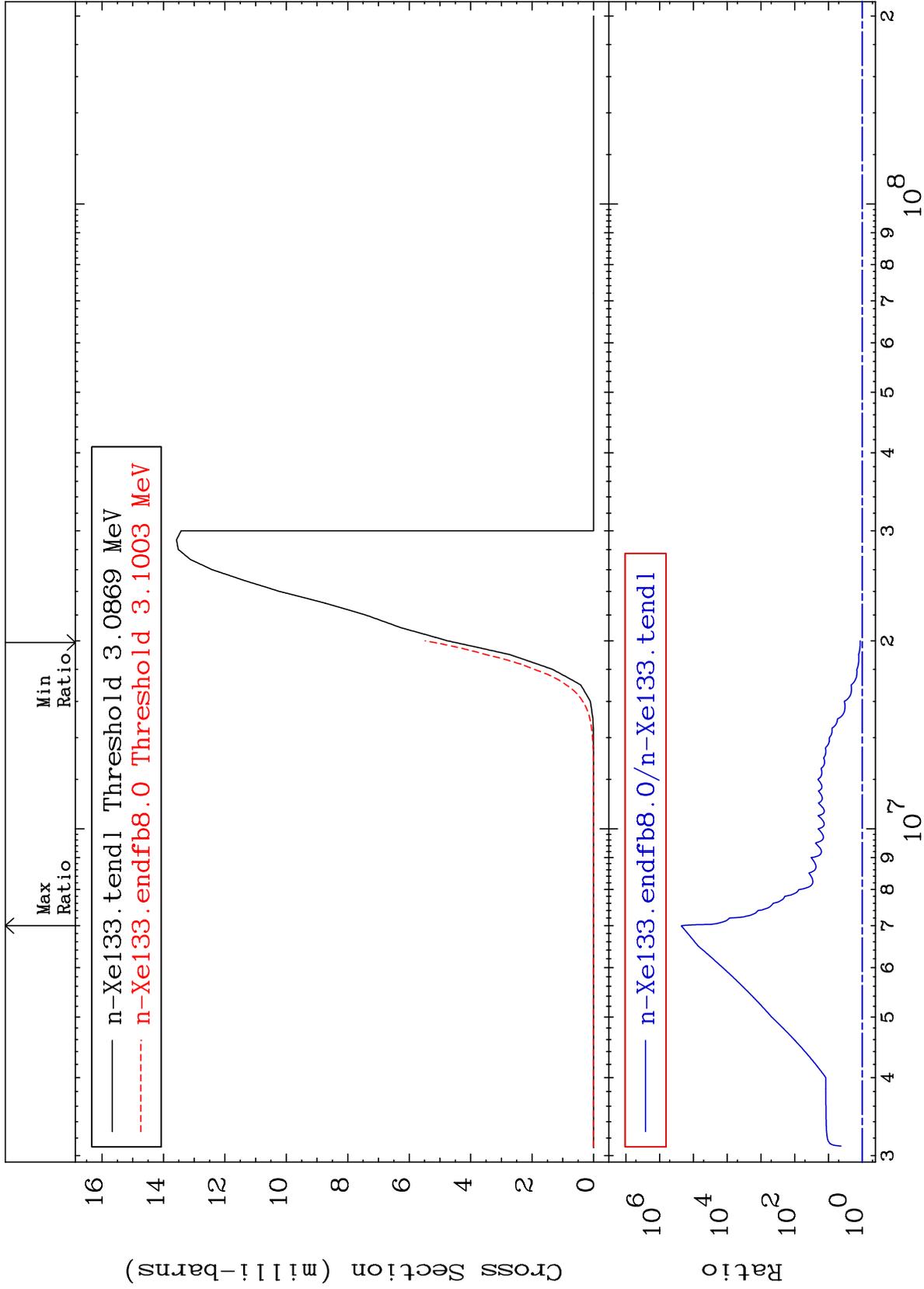




MAT 5452

(n,n') α
Cross Section

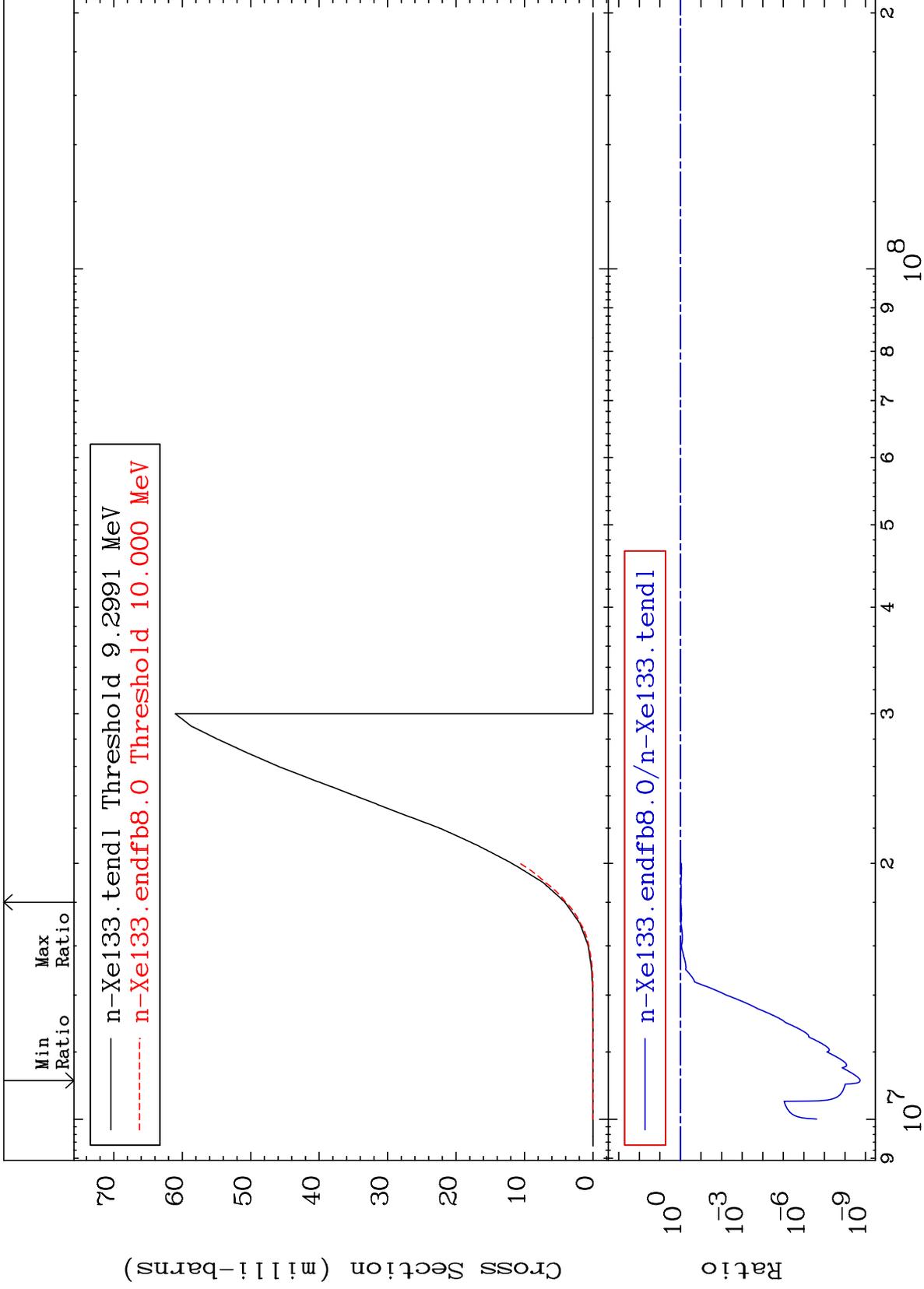
54-Xe-133
15.36 To 9999. %



MAT 5452

(n,n') p
Cross Section

54-Xe-133
-100.0 To -3.158%



54-Xe-133

54-Xe-133

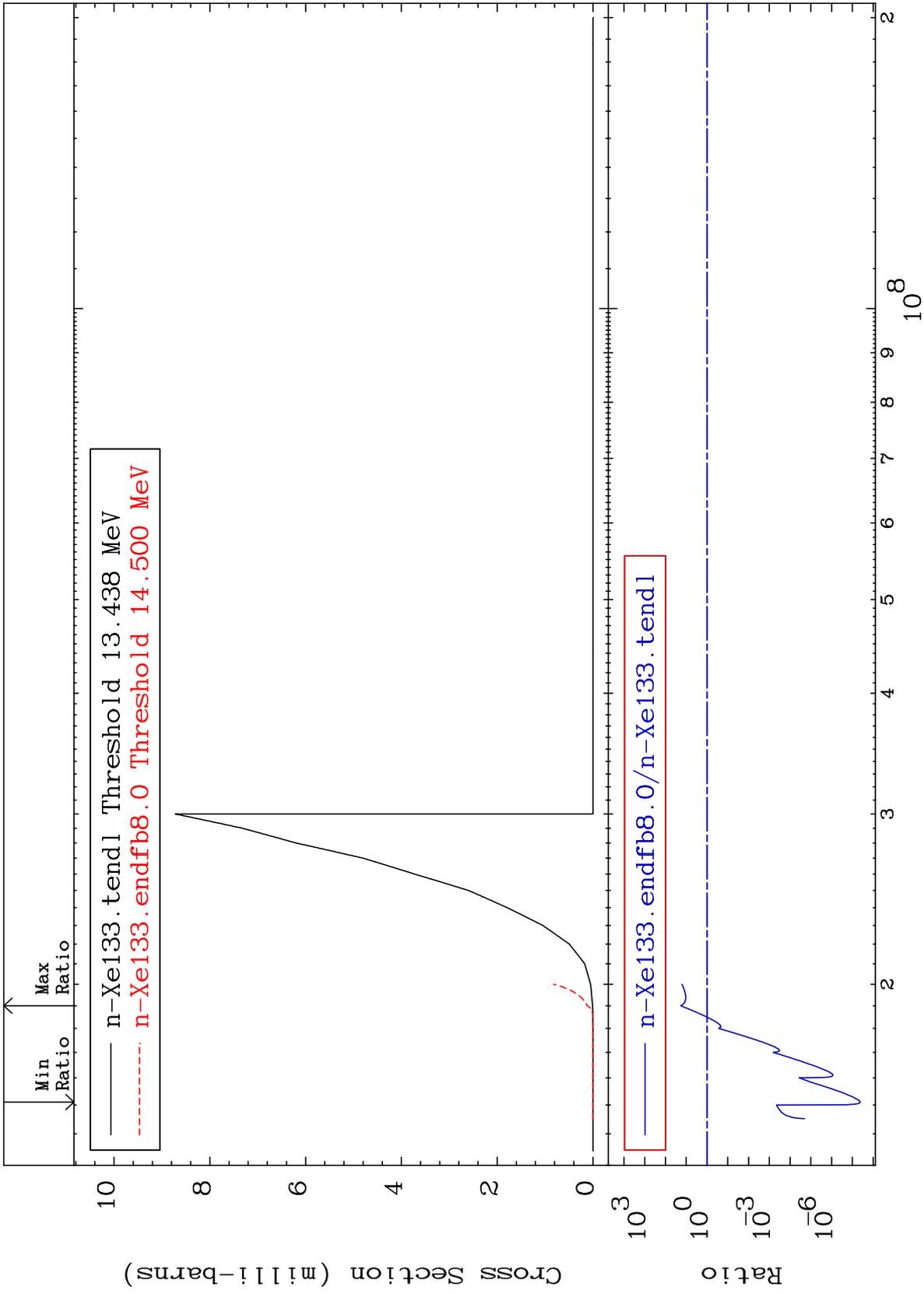
MAT 5452

(n, n') d

54-Xe-133

Cross Section

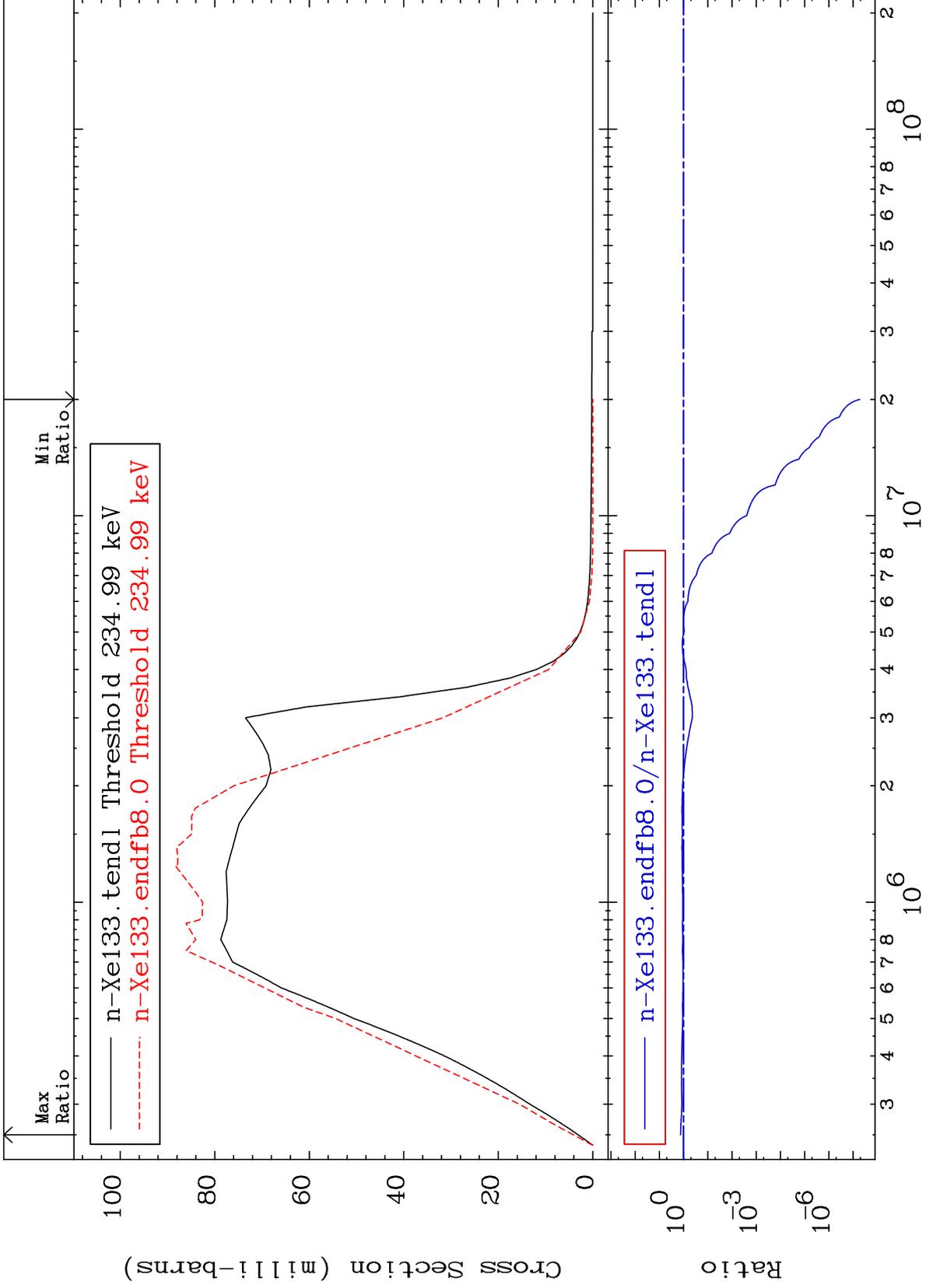
-100.0 To 1736. %



MAT 5452

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

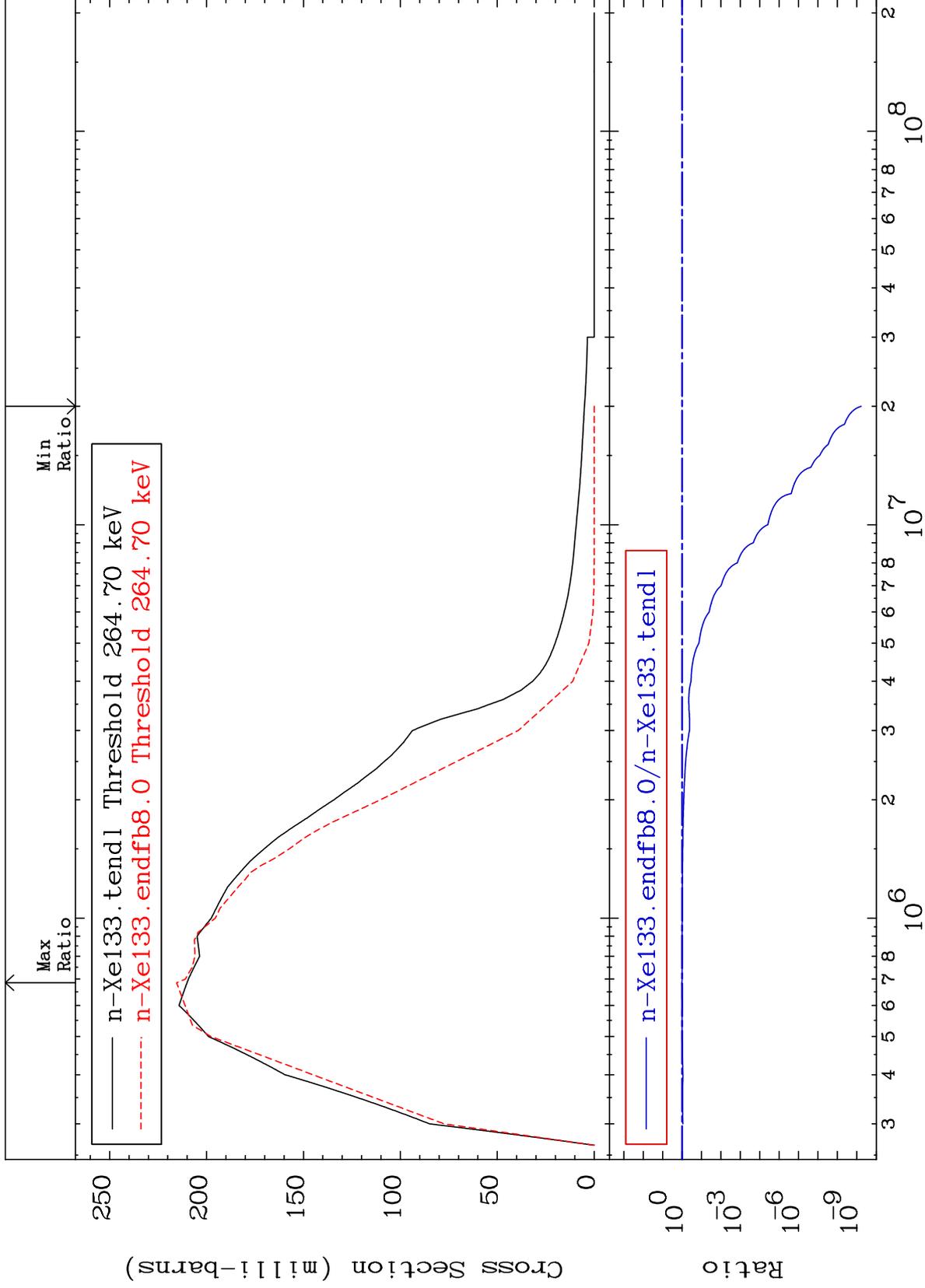
54-Xe-133
-100.0 To 33.11 %



MAT 5452

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

54-Xe-133
-100.0 To 2.559 %



10

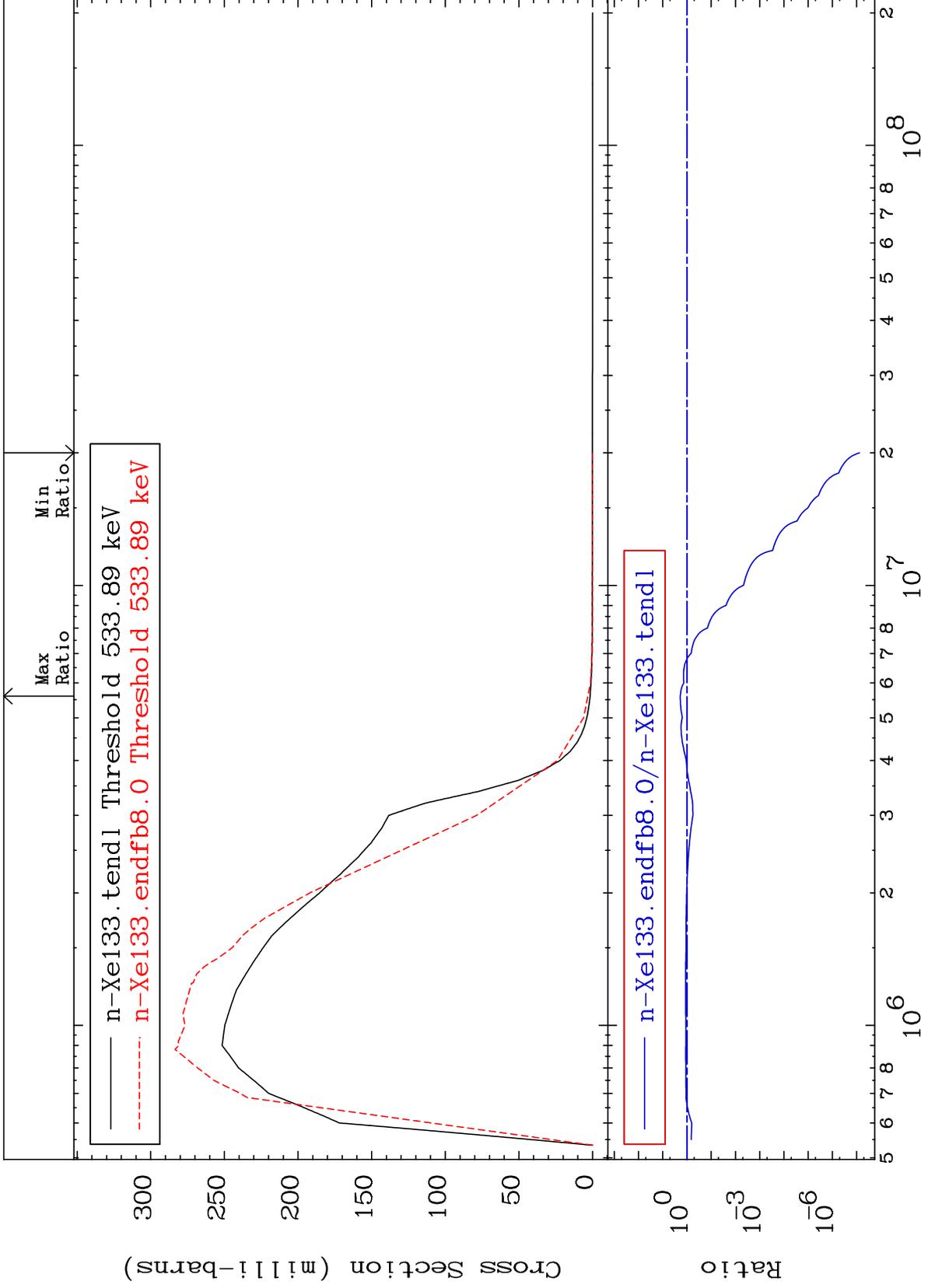
Incident Energy (eV)

54-Xe-133

MAT 5452

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

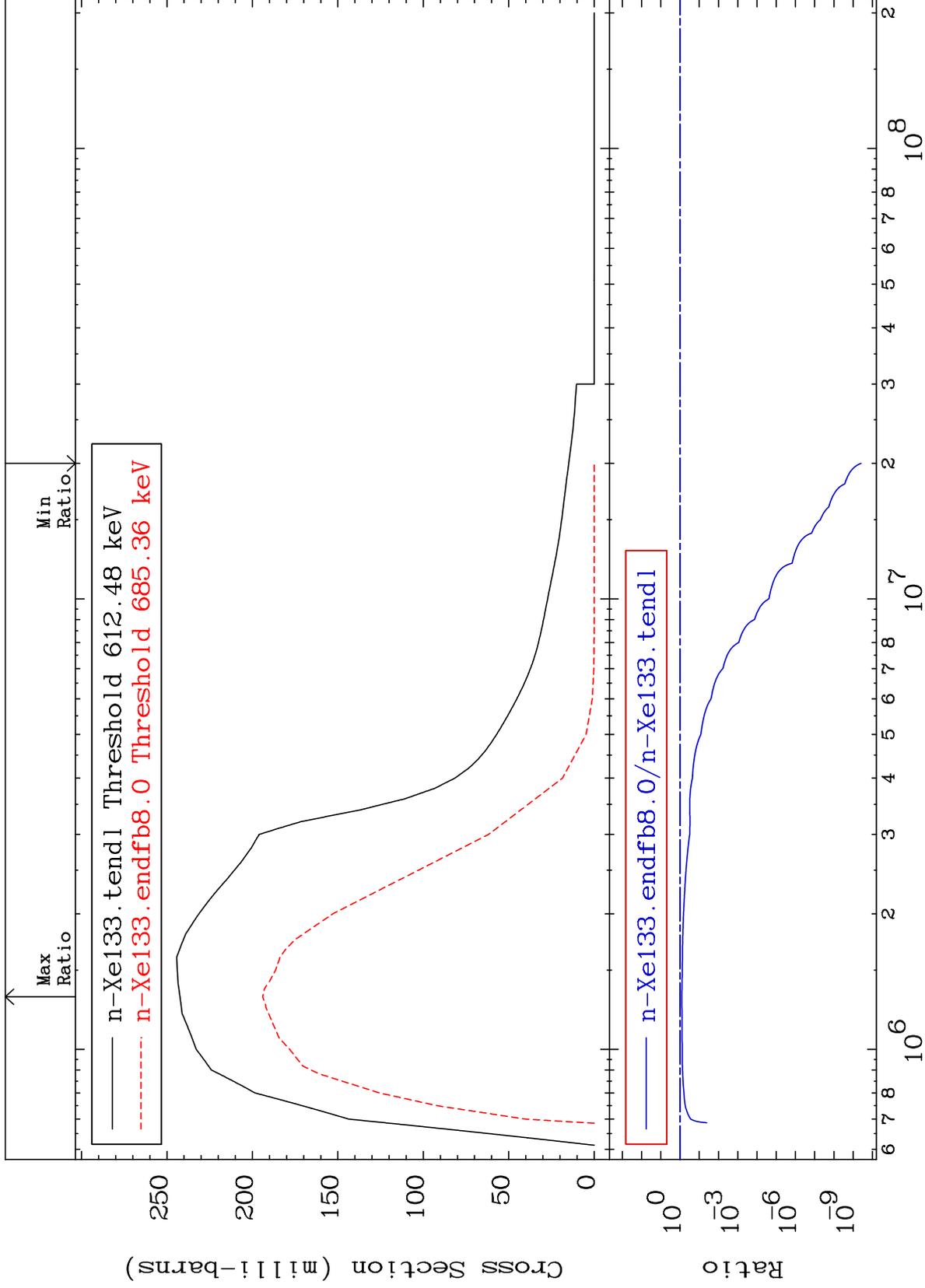
54-Xe-133
-100.0 To 89.05 %



MAT 5452

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

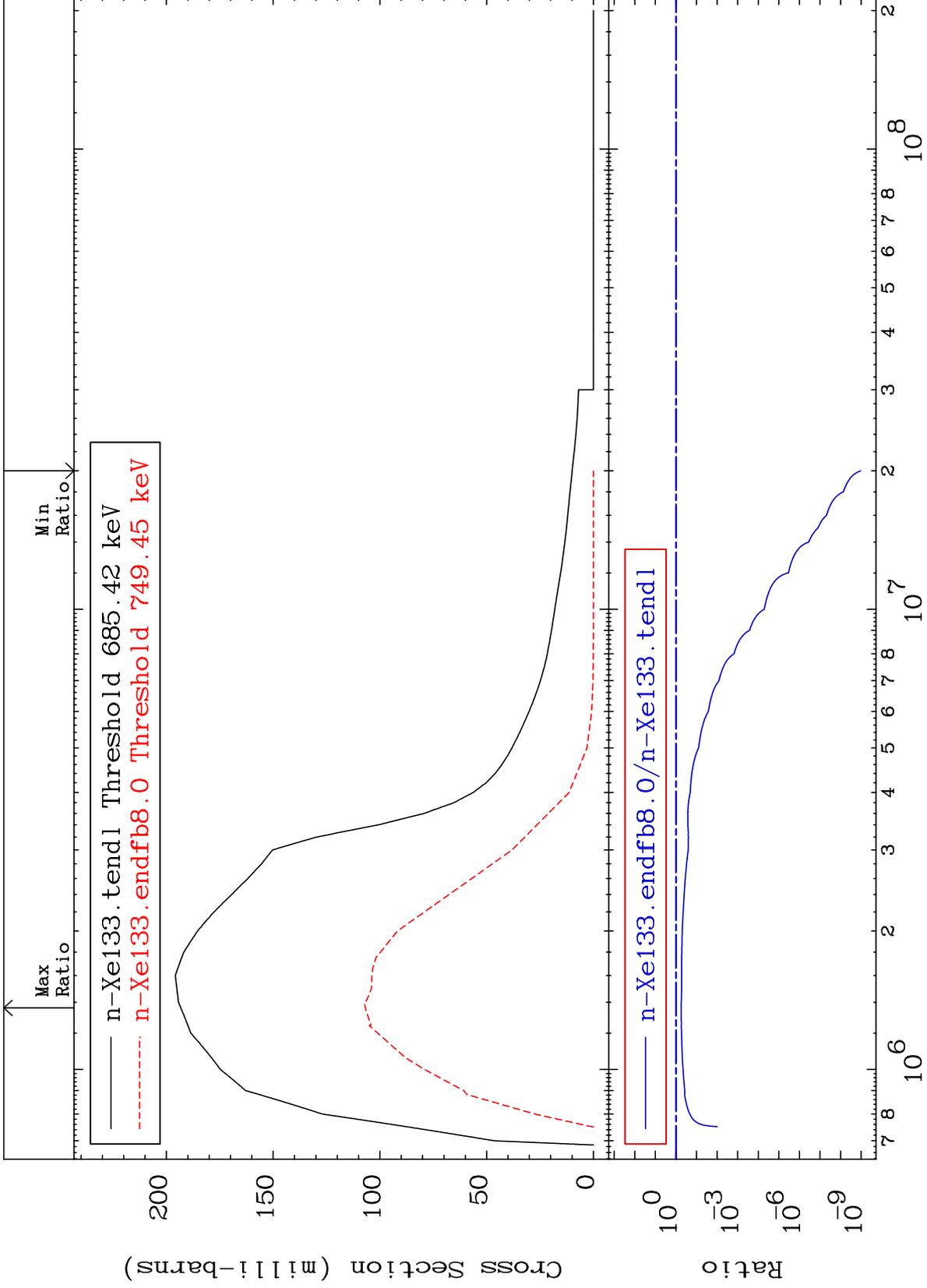
54-Xe-133
-100.0 To -19.97%



MAT 5452

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

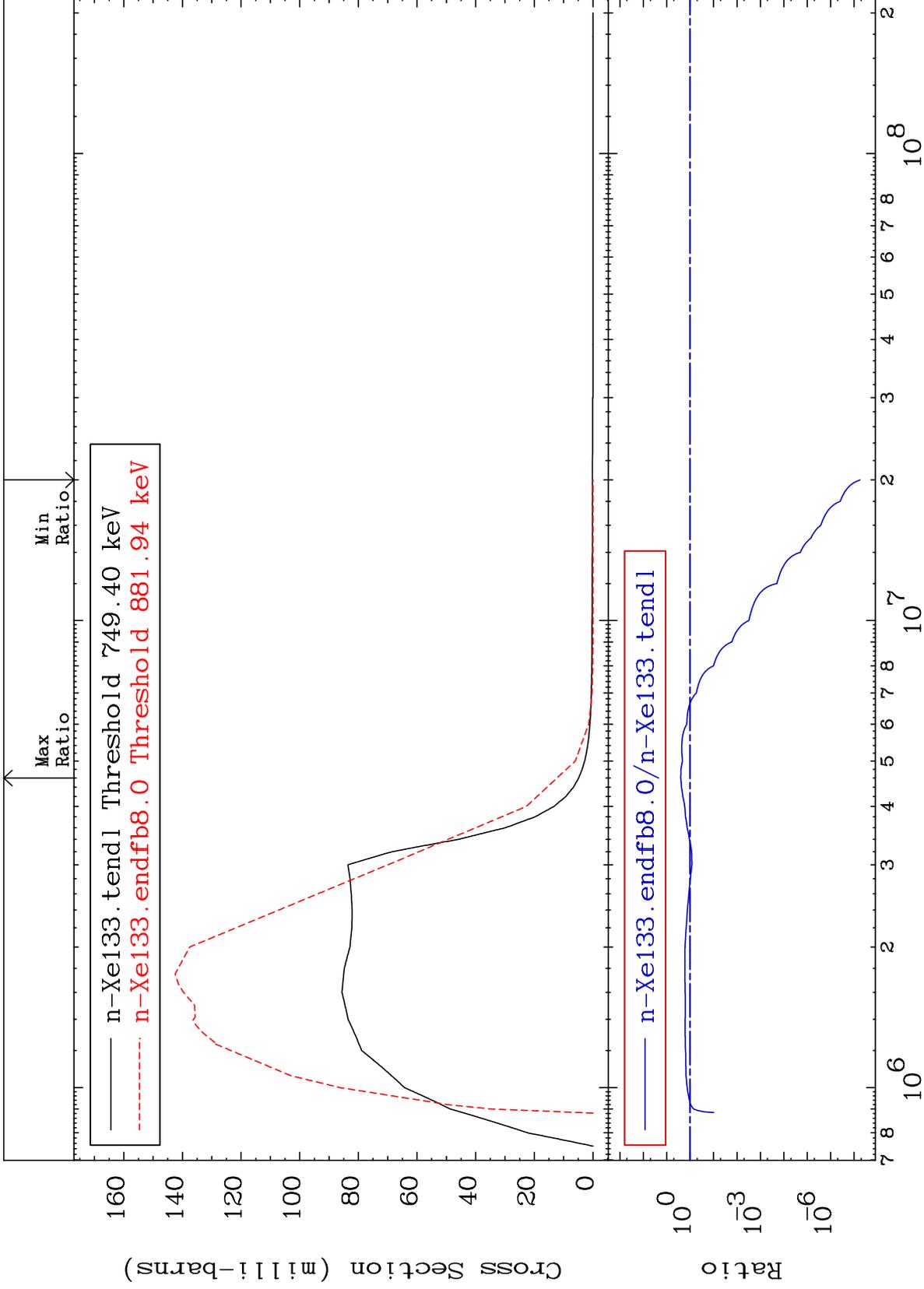
54-Xe-133
-100.0 To -44.69%



MAT 5452

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

54-Xe-133
-100.0 To 151.7 %



14

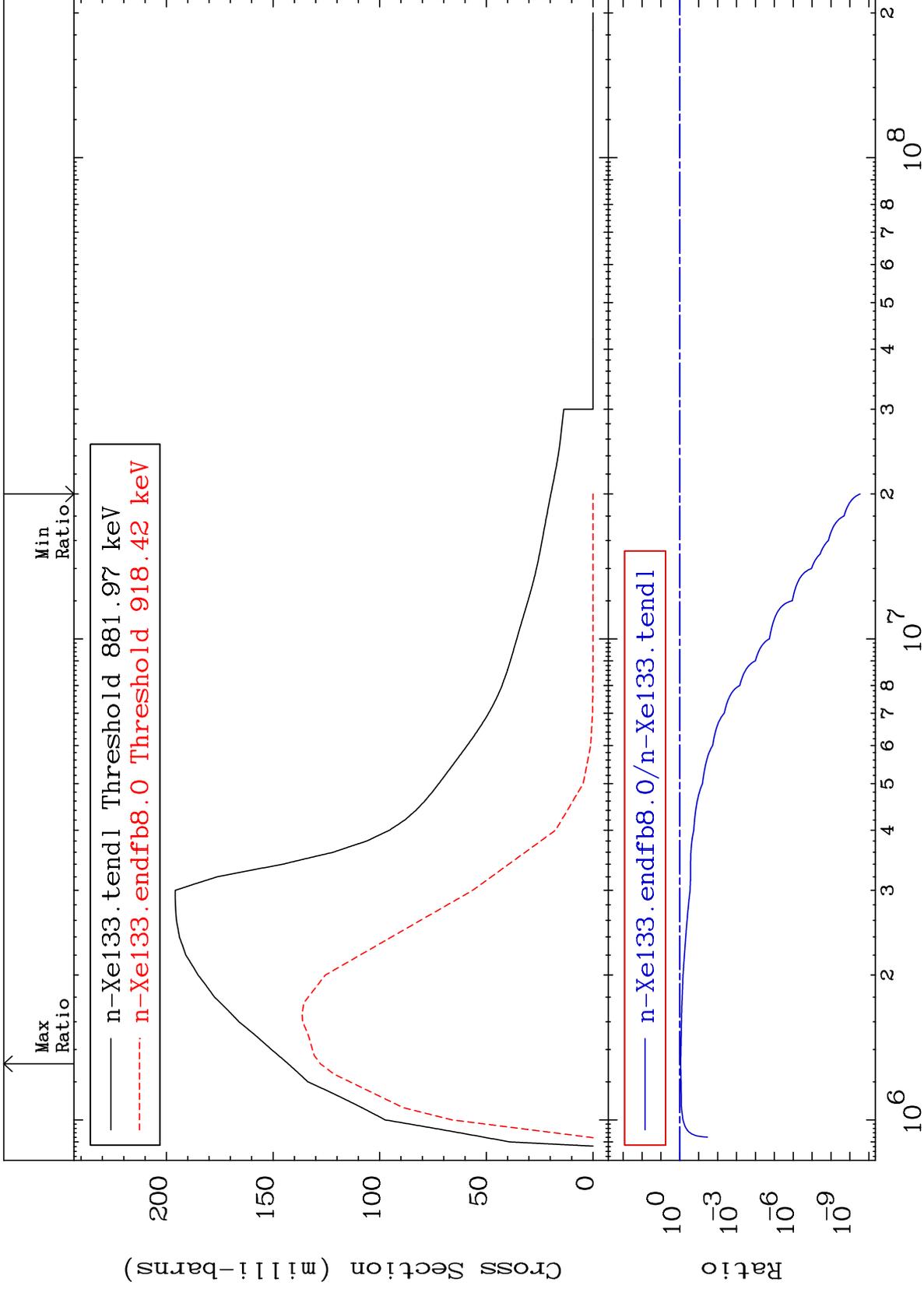
Incident Energy (eV)

54-Xe-133

MAT 5452

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

54-Xe-133
-100.0 To -10.58%



15

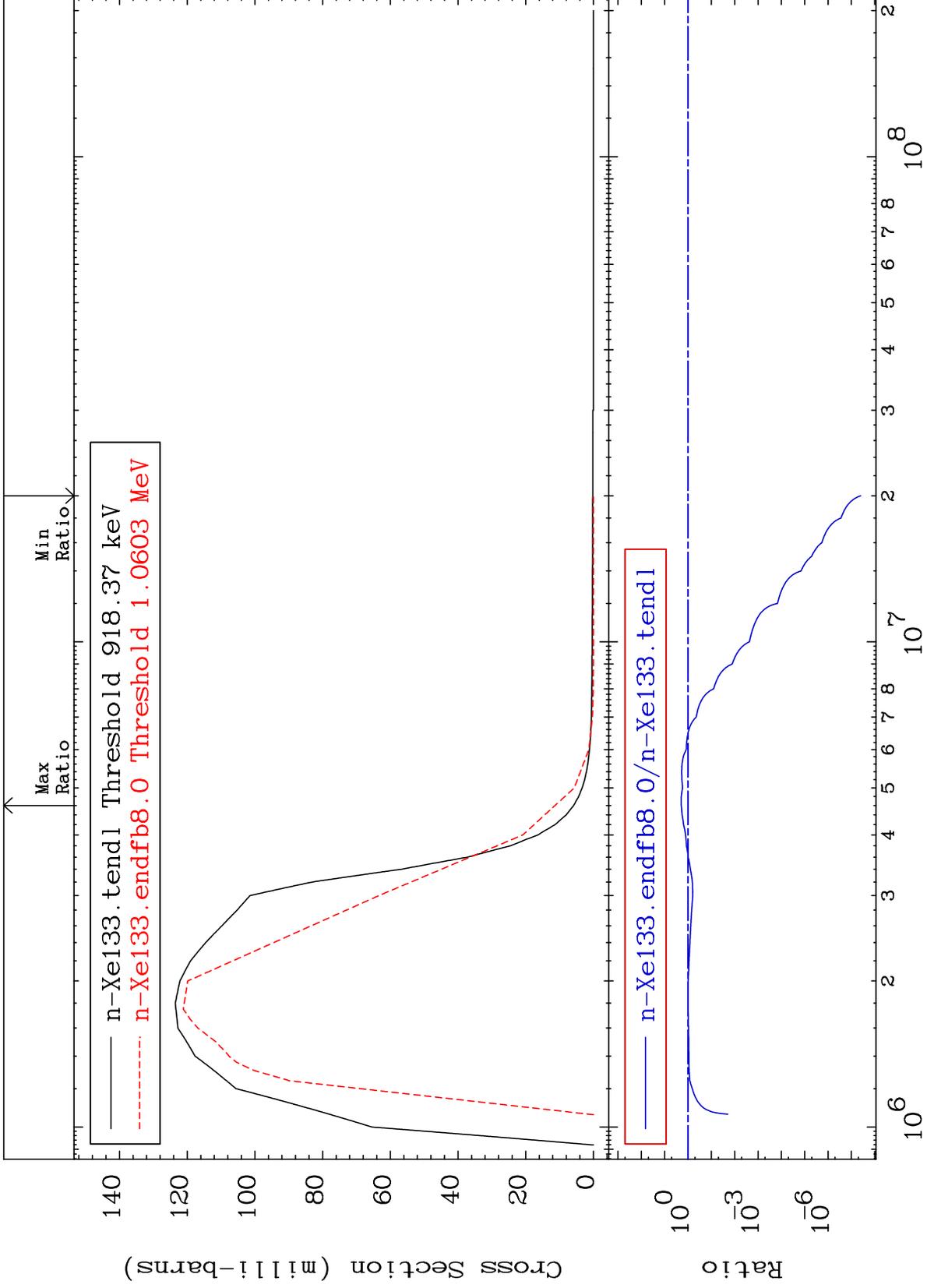
Incident Energy (eV)

54-Xe-133

MAT 5452

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

54-Xe-133
-100.0 To 94.07 %



16

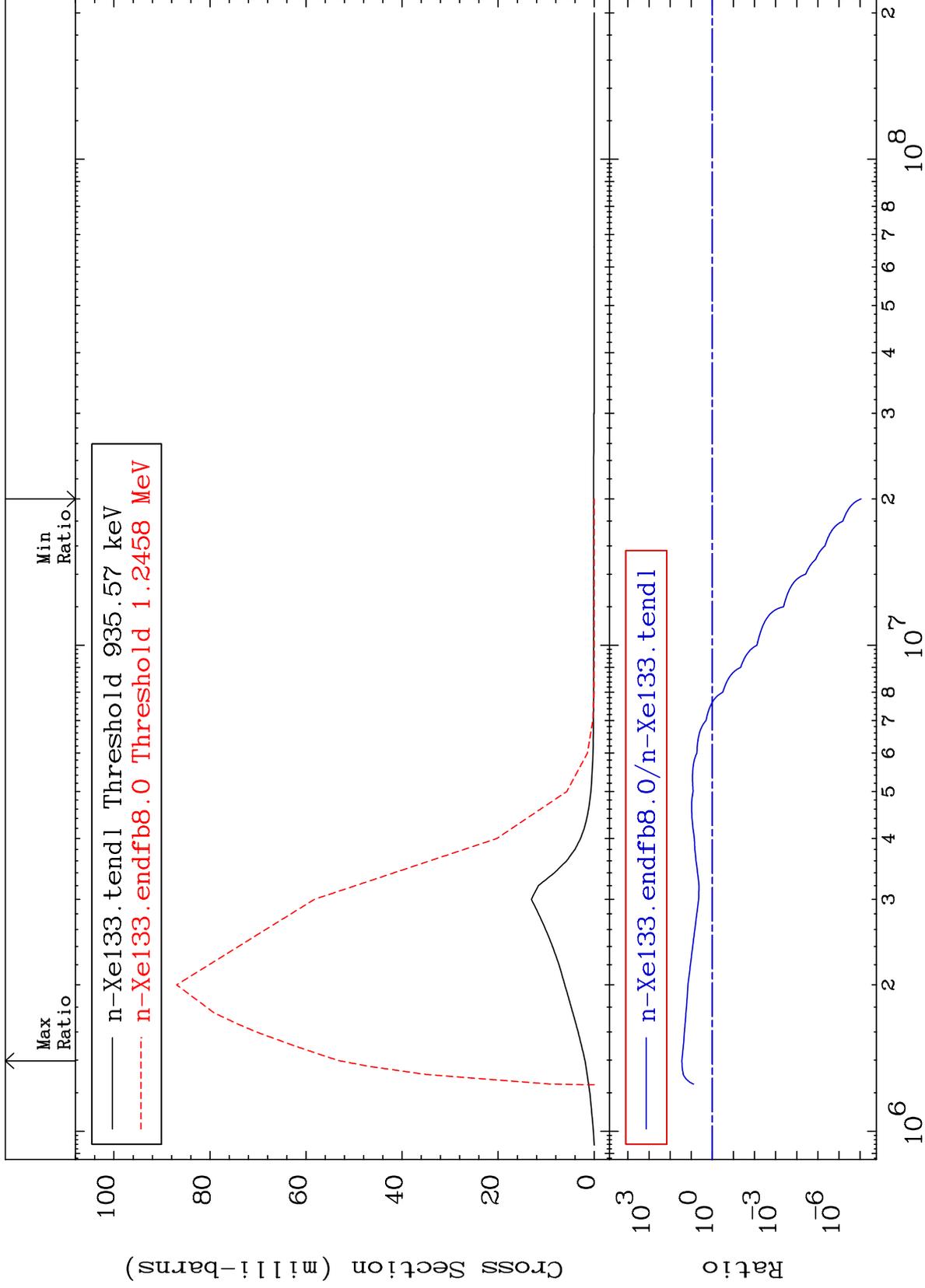
Incident Energy (eV)

54-Xe-133

MAT 5452

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

54-Xe-133
-100.0 To 2665. %



17

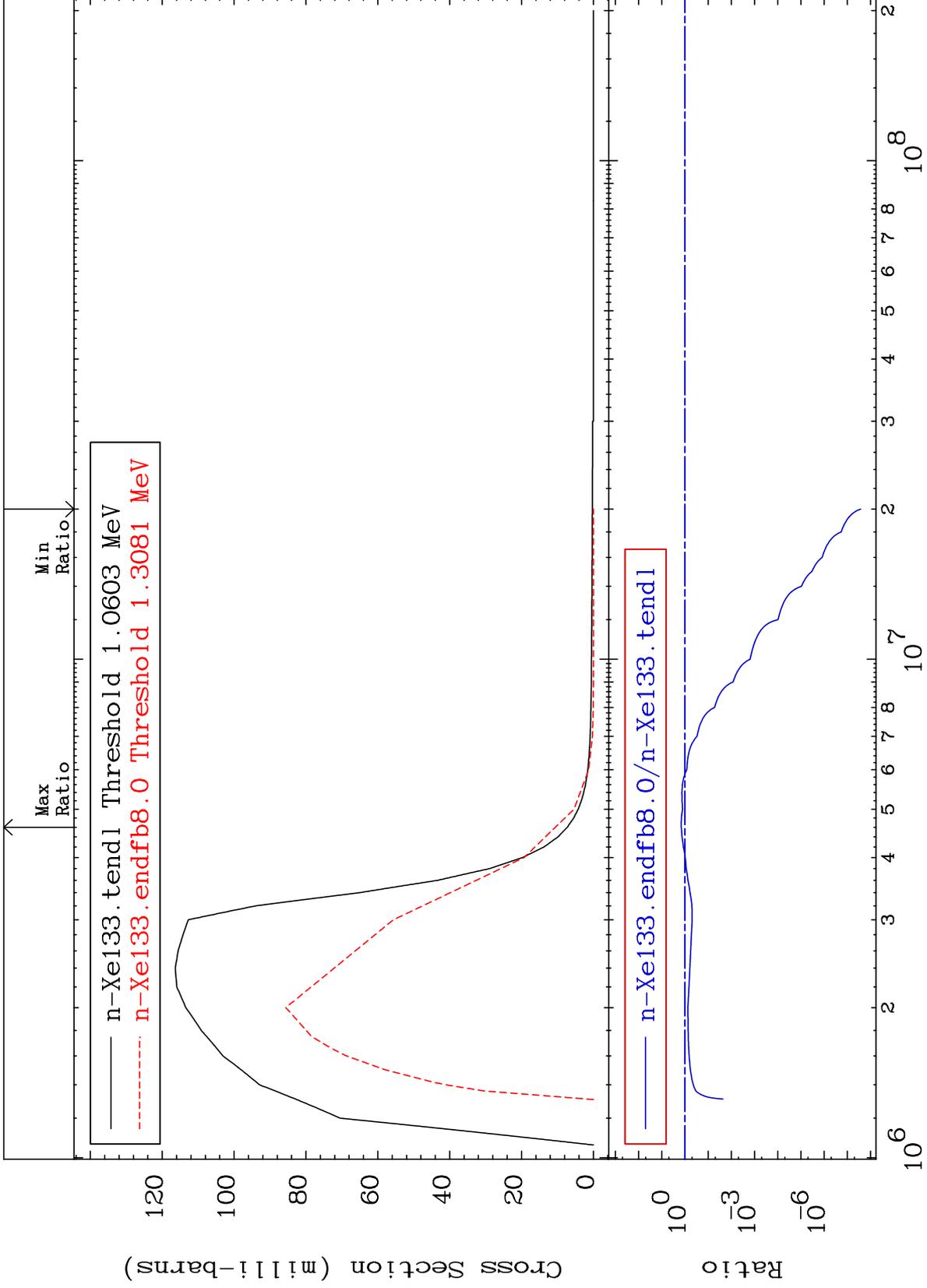
Incident Energy (eV)

54-Xe-133

MAT 5452

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

54-Xe-133
-100.0 To 45.88 %



18

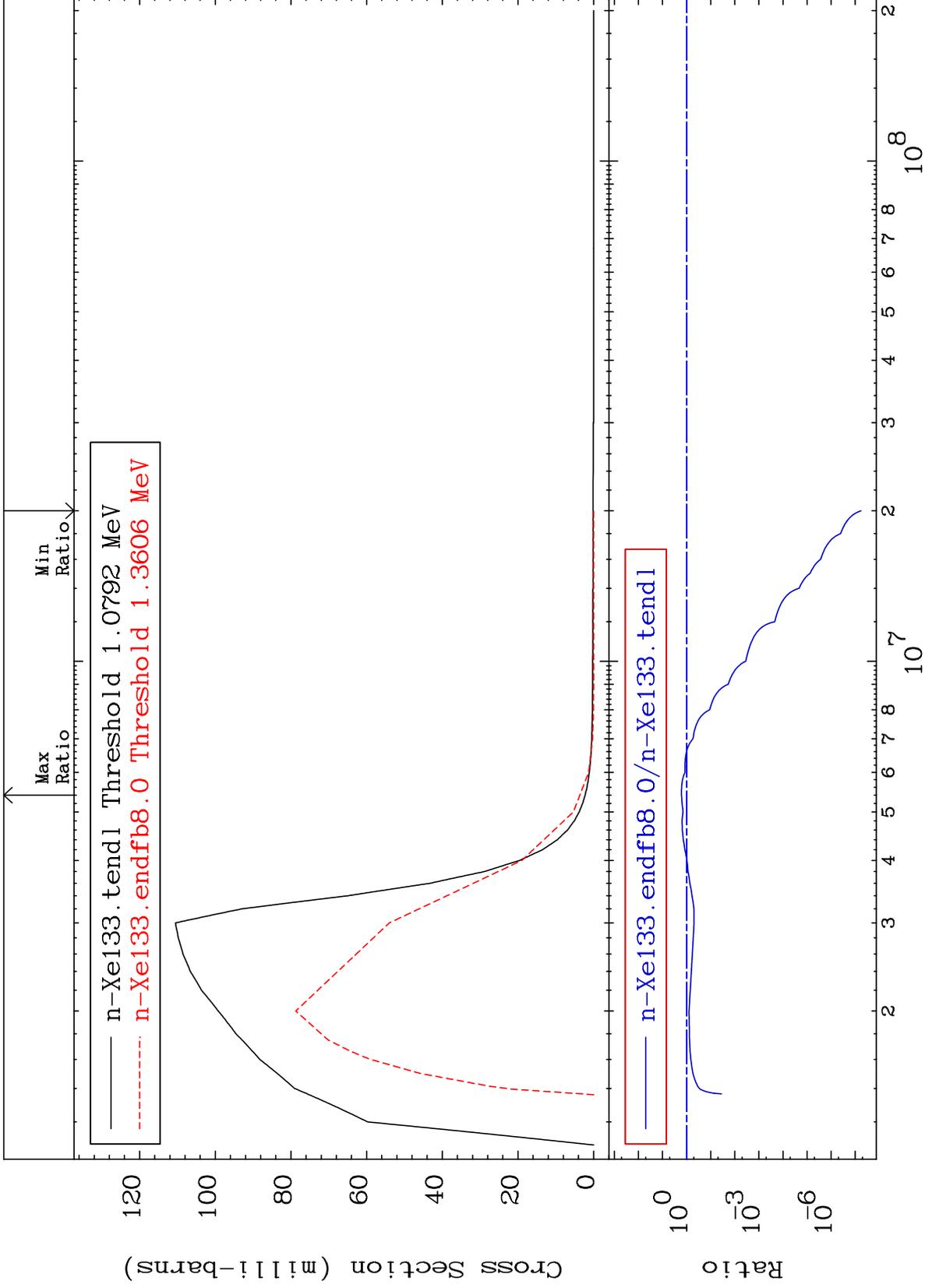
Incident Energy (eV)

54-Xe-133

MAT 5452

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

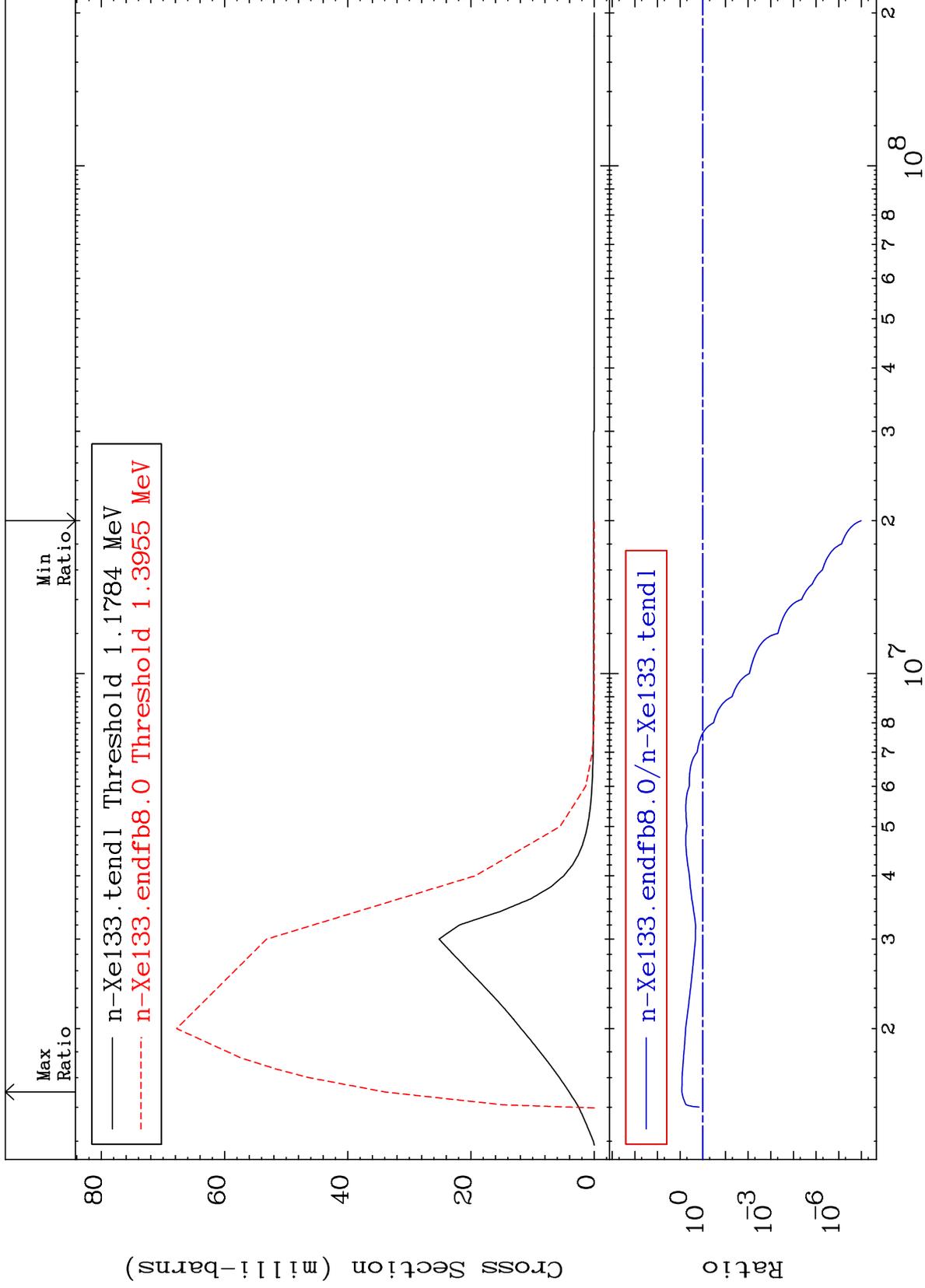
54-Xe-133
-100.0 To 62.64 %



MAT 5452

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

54-Xe-133
-100.0 To 736.0 %



20

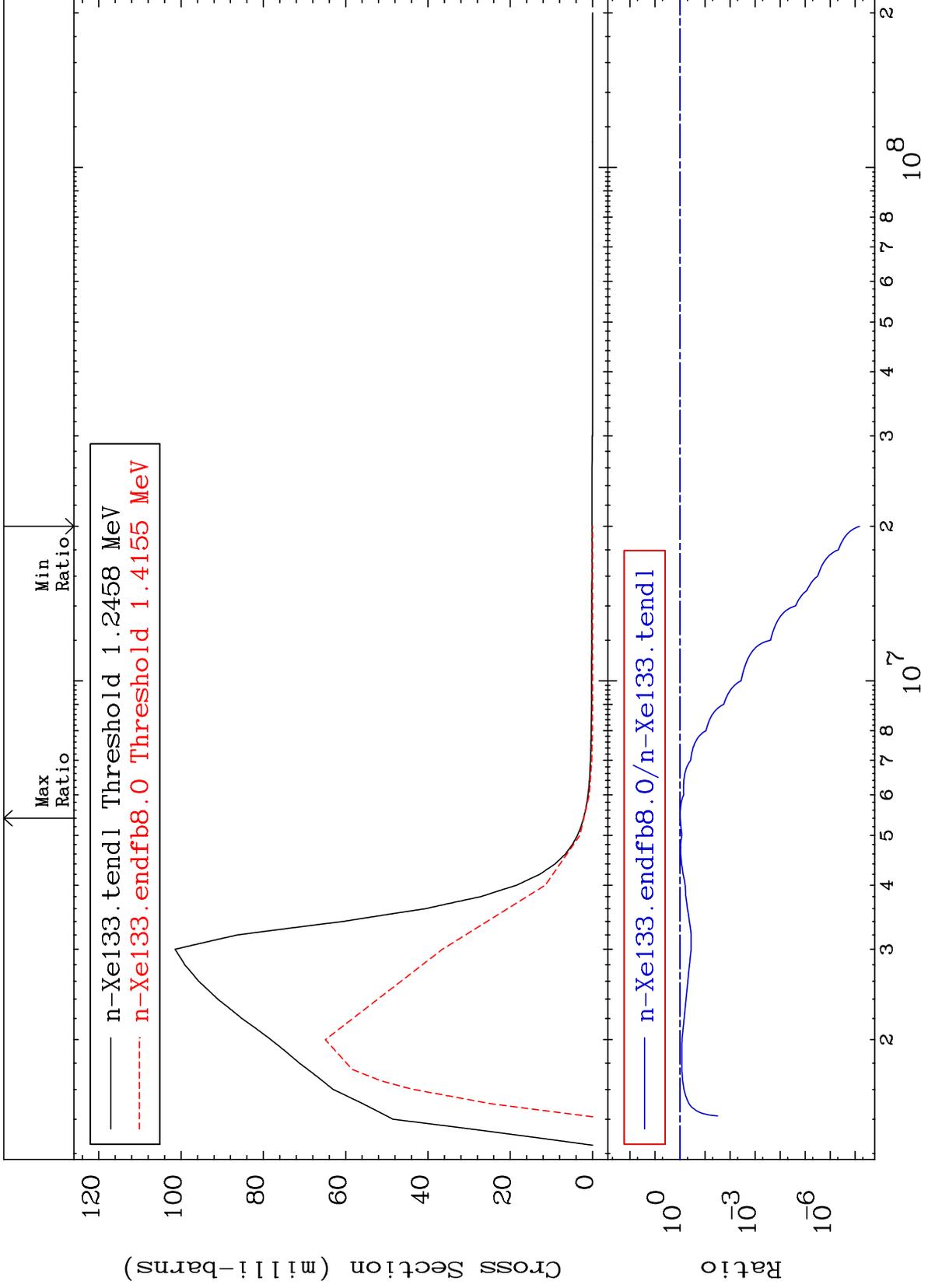
Incident Energy (eV)

54-Xe-133

MAT 5452

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

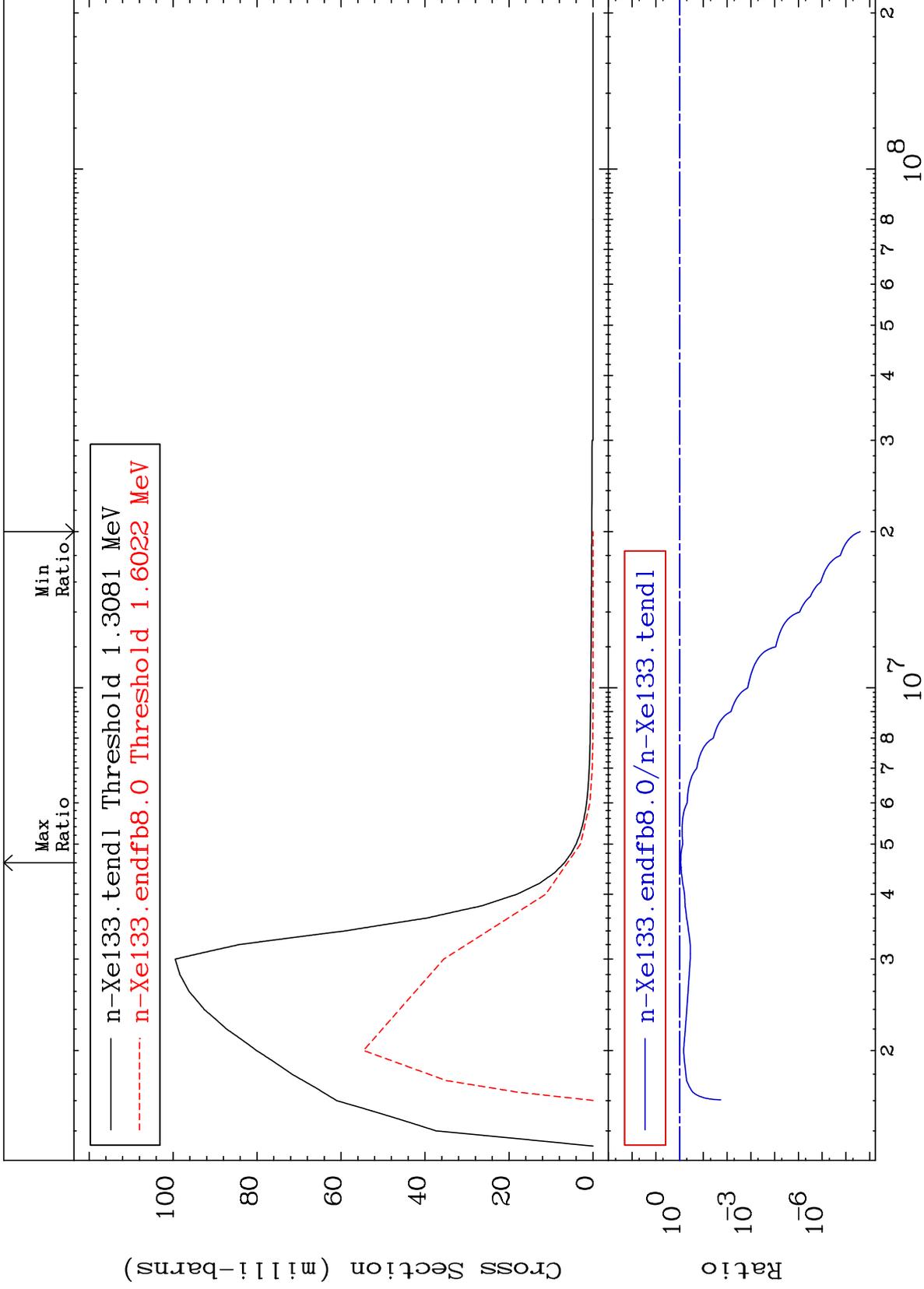
54-Xe-133
-100.0 To -2.478%

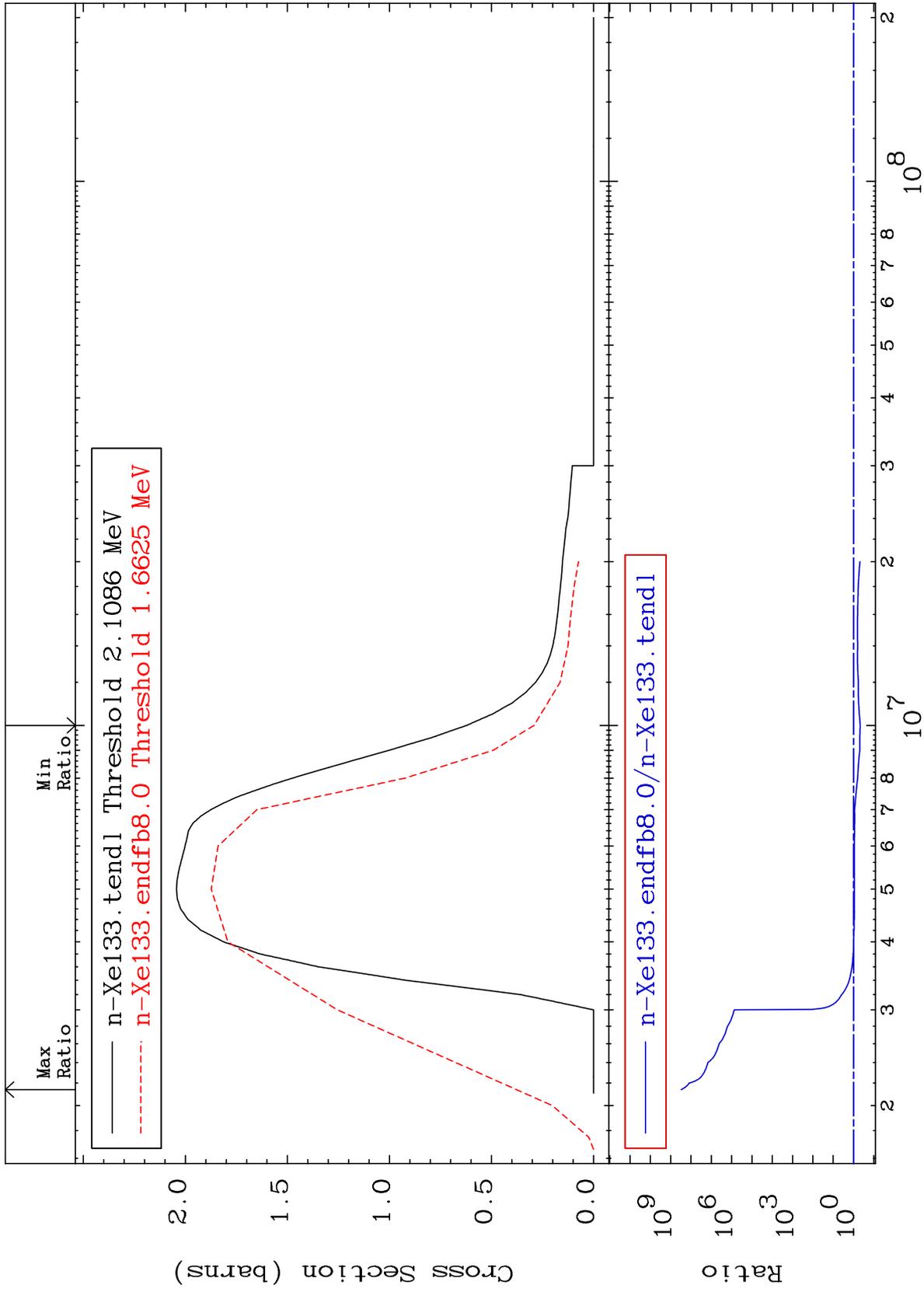


MAT 5452

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

54-Xe-133
-100.0 To -10.58%

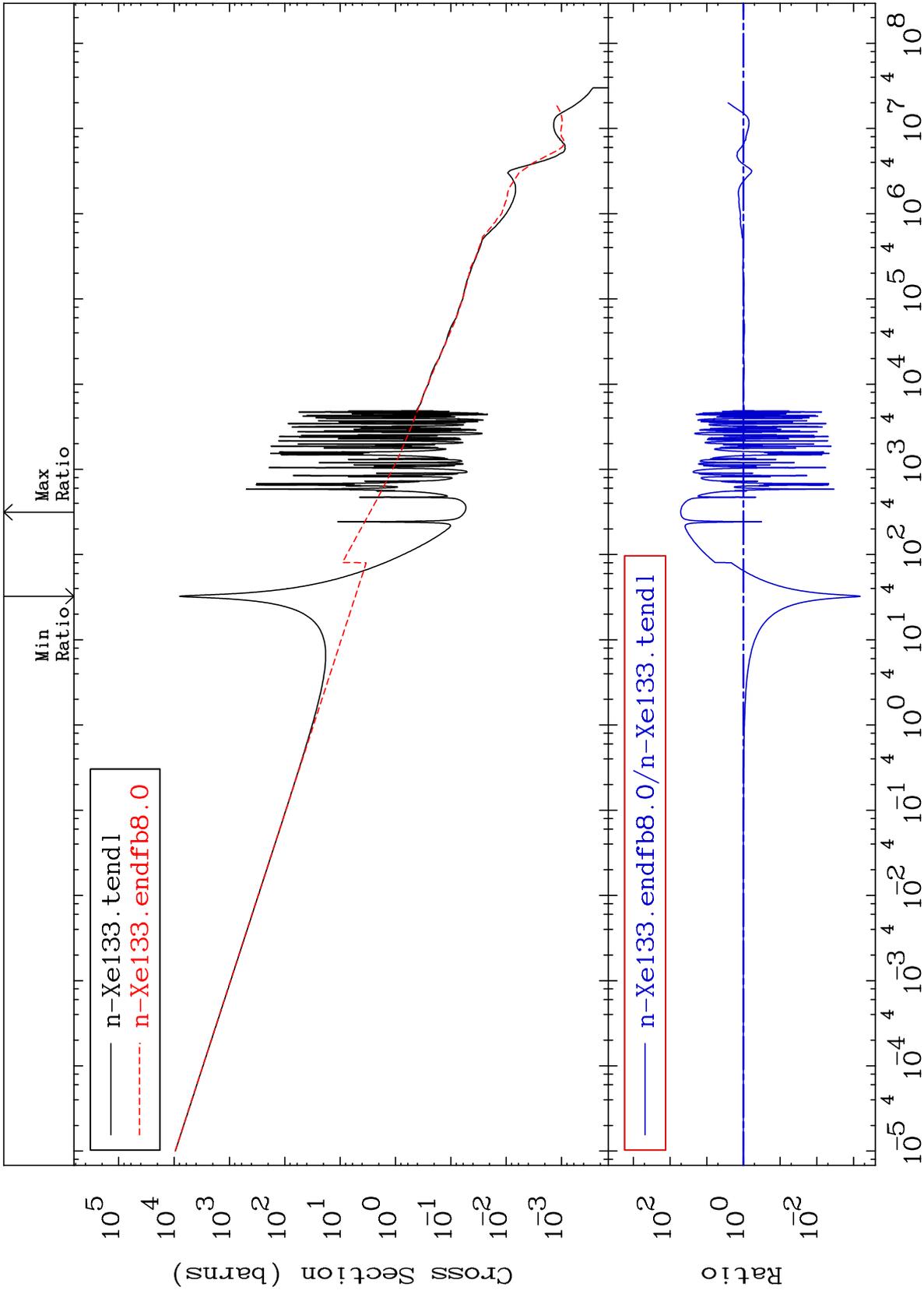




MAT 5452

54-Xe-133
-99.93 To 5020. %

(n, γ)
Cross Section

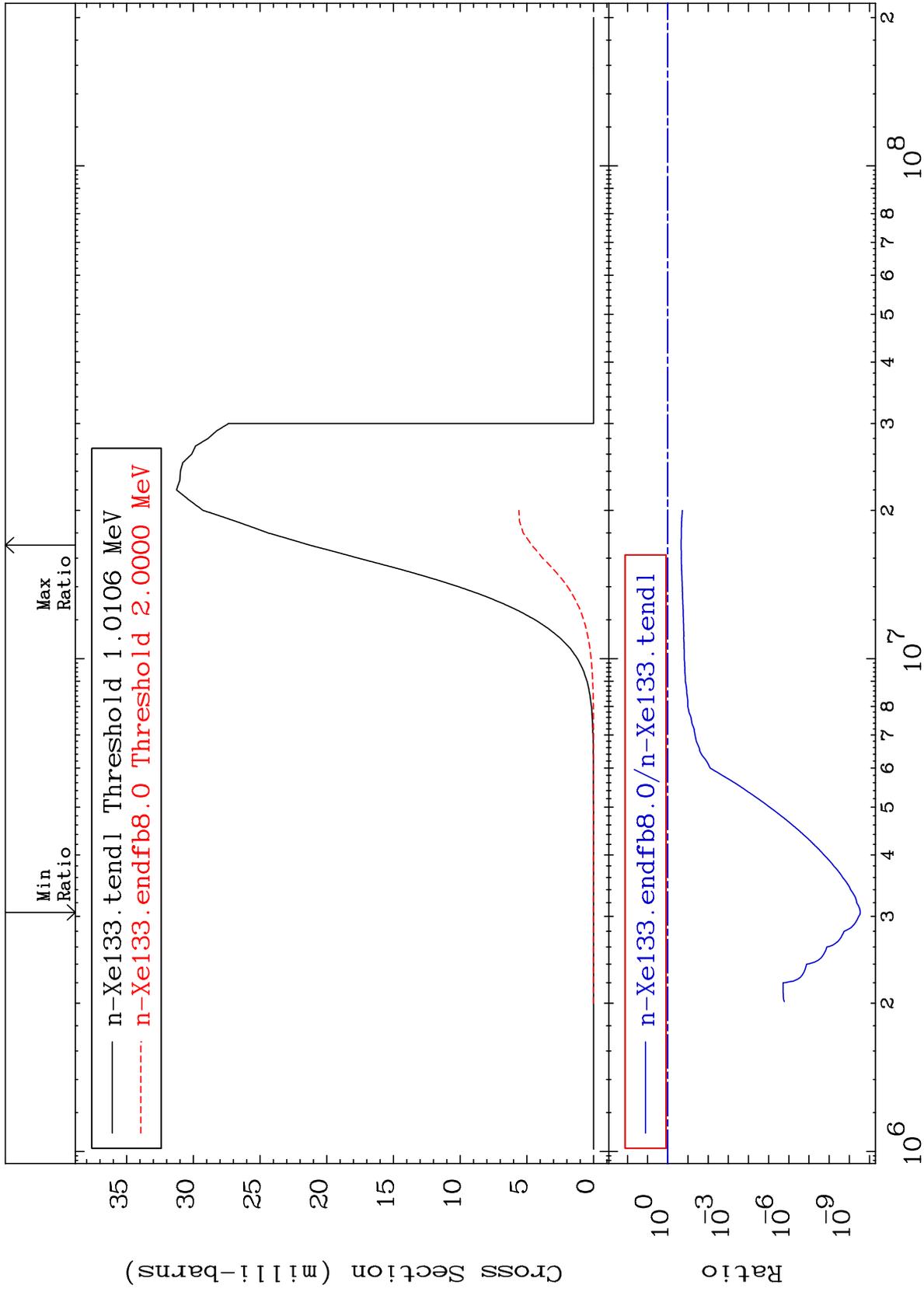


MAT 5452

54-Xe-133

(n, p)
Cross Section

-100.0 To -78.19%



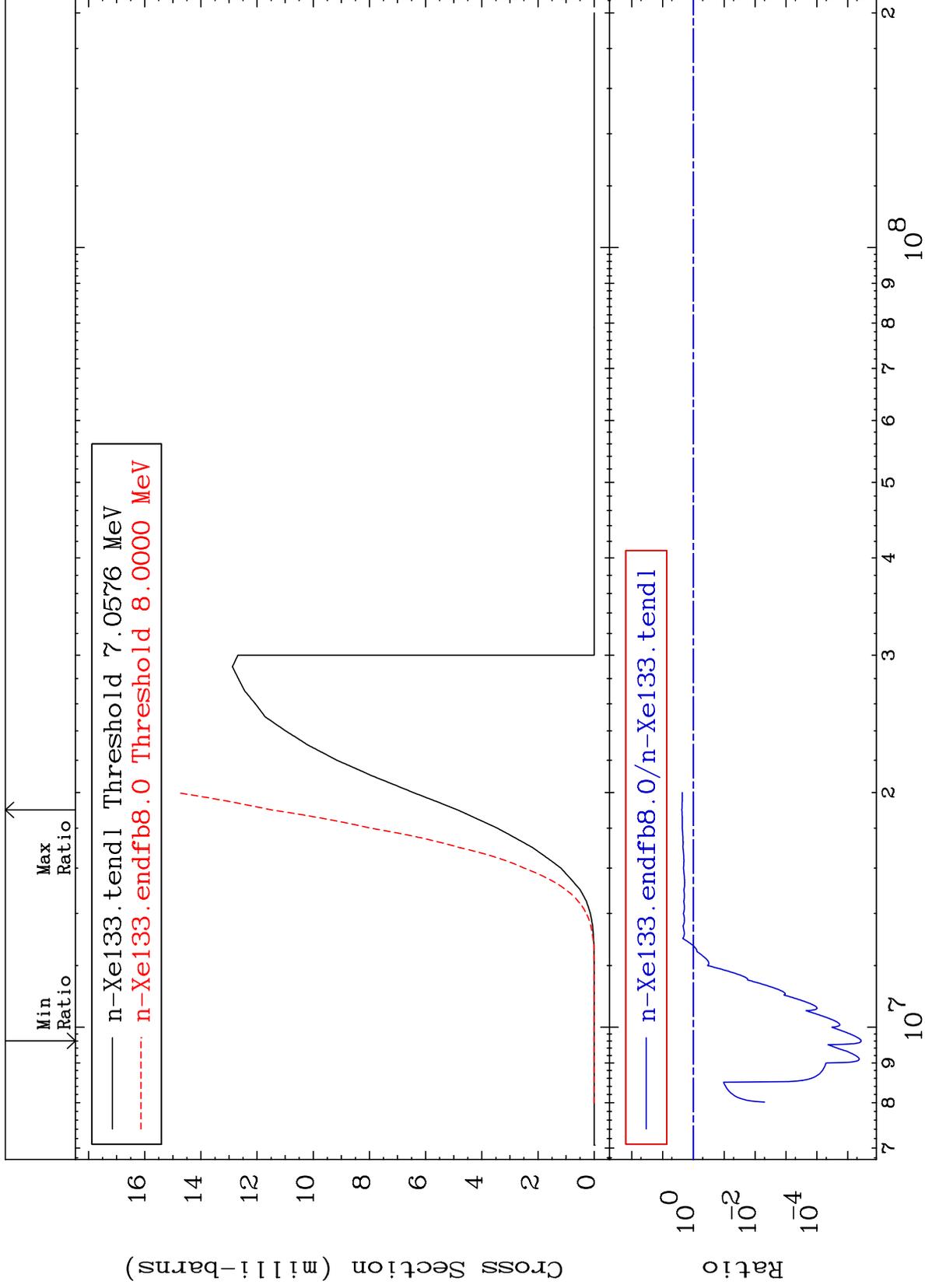
MAT 5452

(n, d)

54-Xe-133

Cross Section

-100.0 To 136.2 %



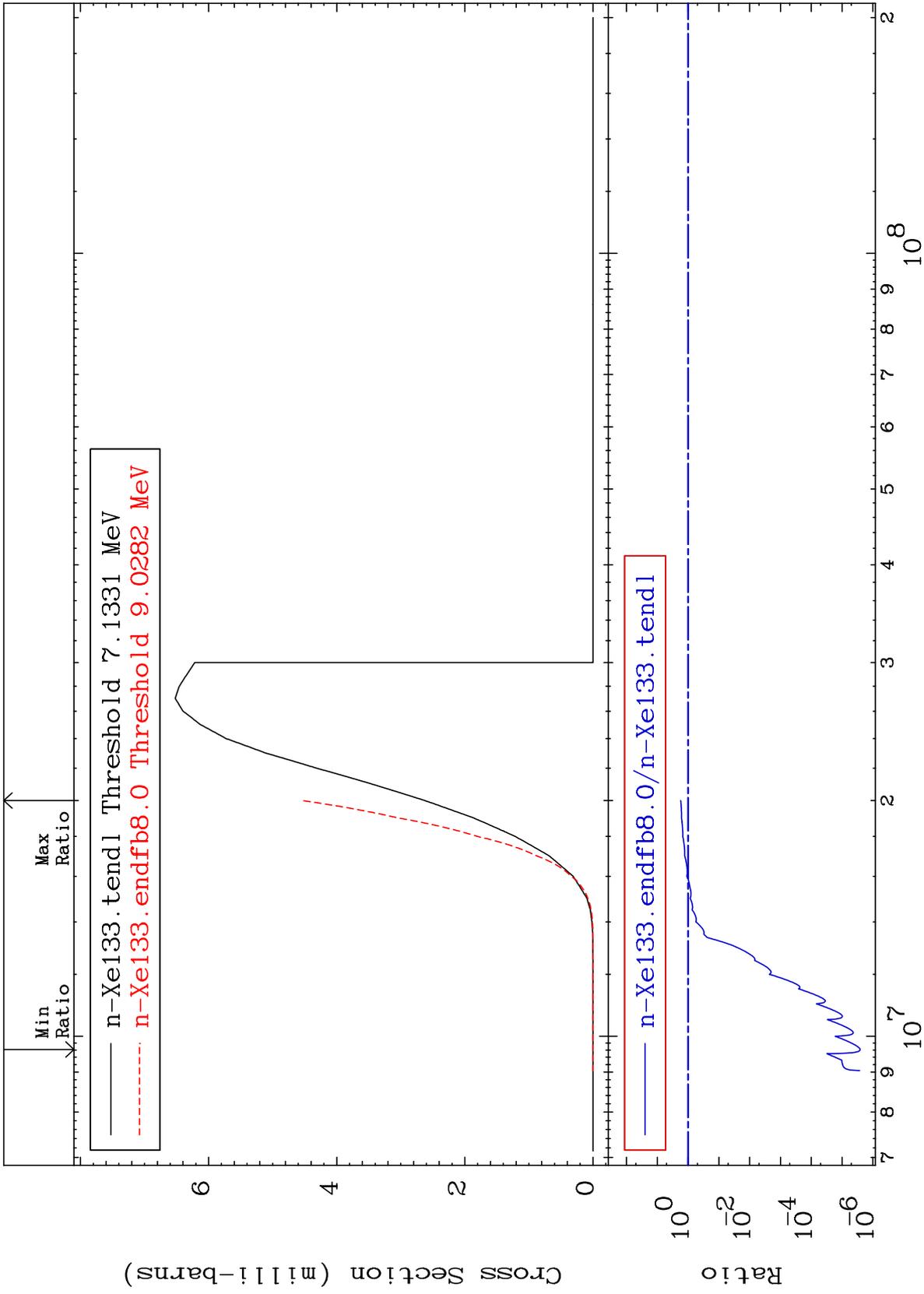
MAT 5452

(n, t)

54-Xe-133

Cross Section

-100.0 To 72.80 %



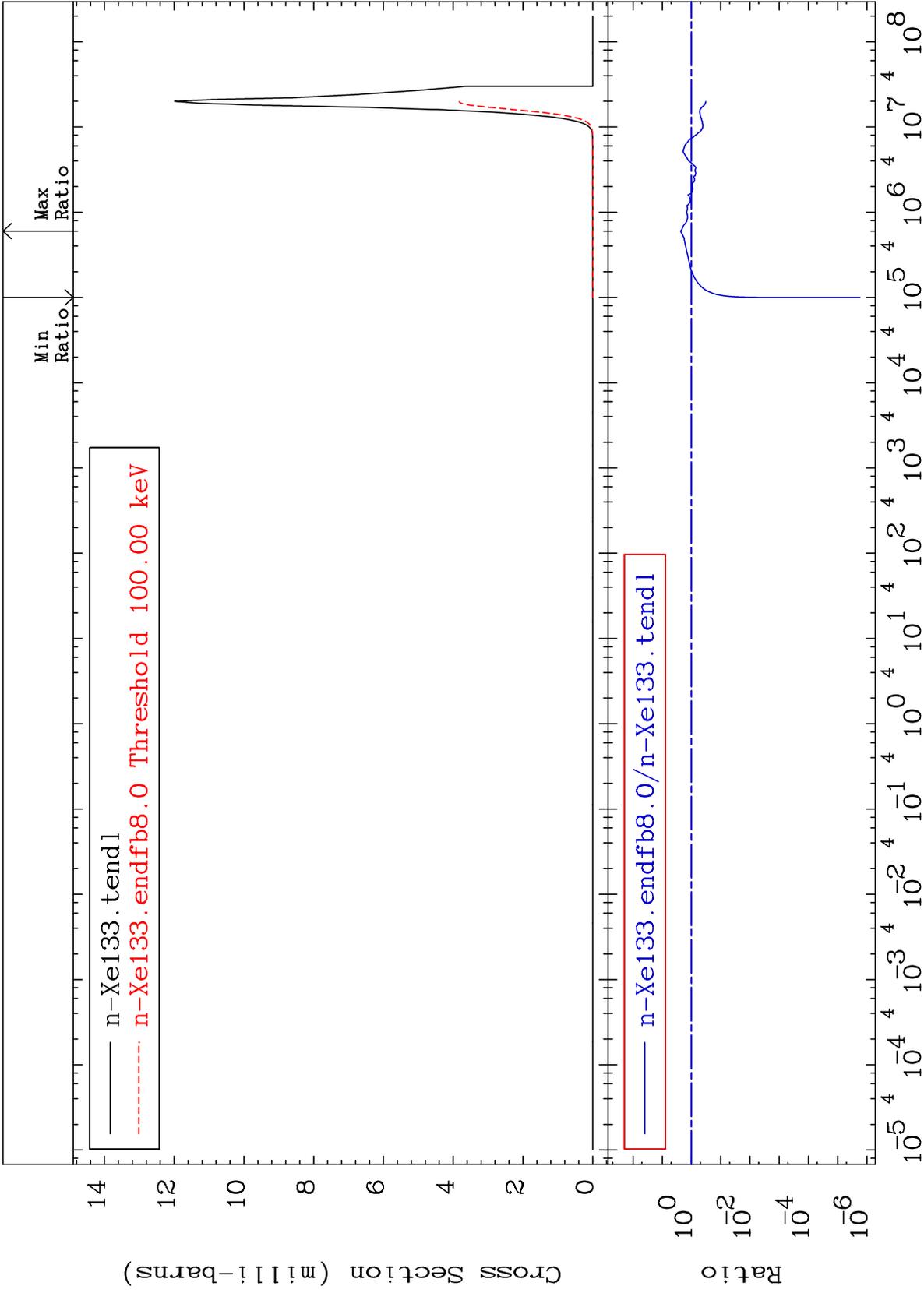
MAT 5452

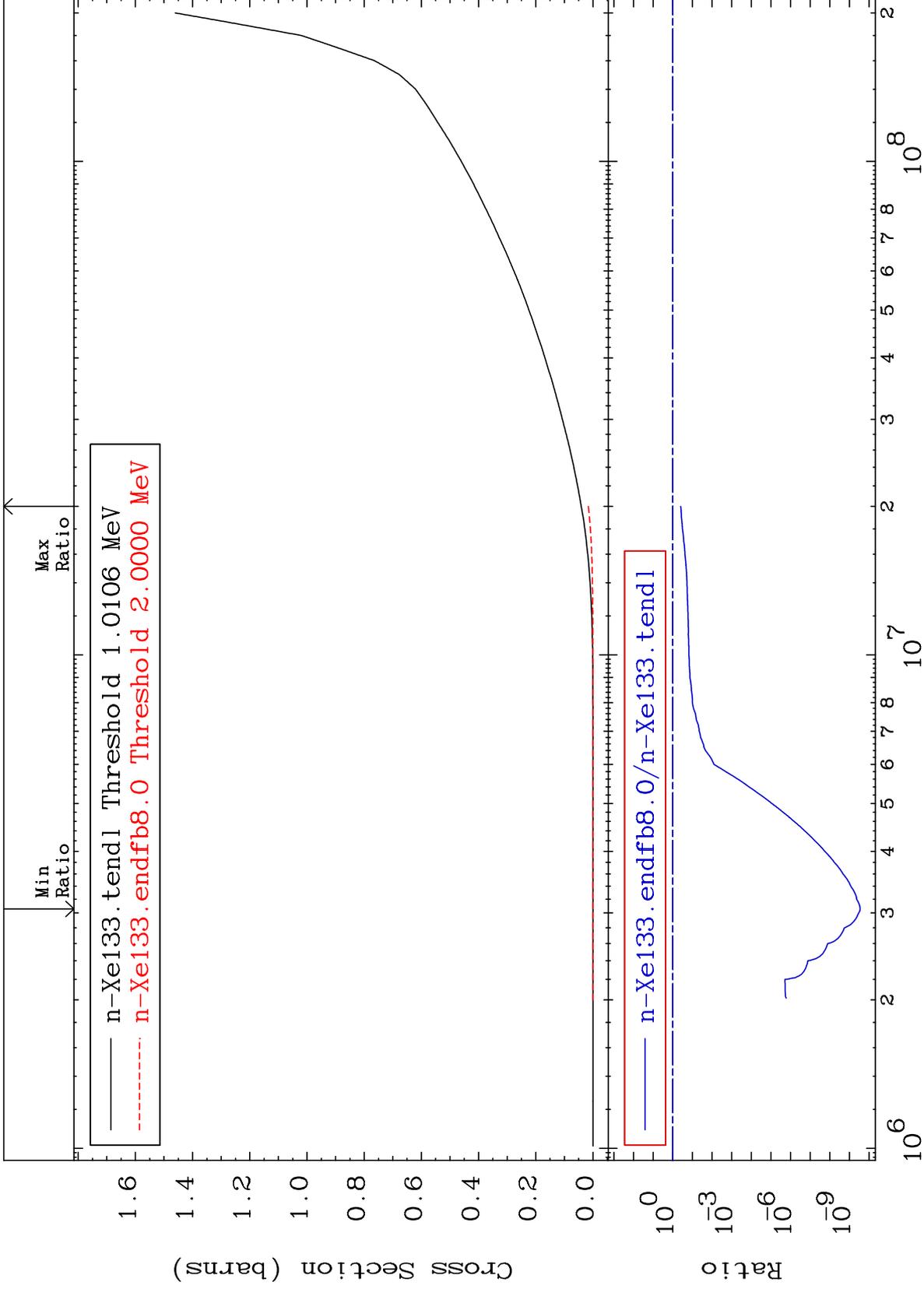
(n, α)

54-Xe-133

Cross Section

-100.0 To 136.4 %

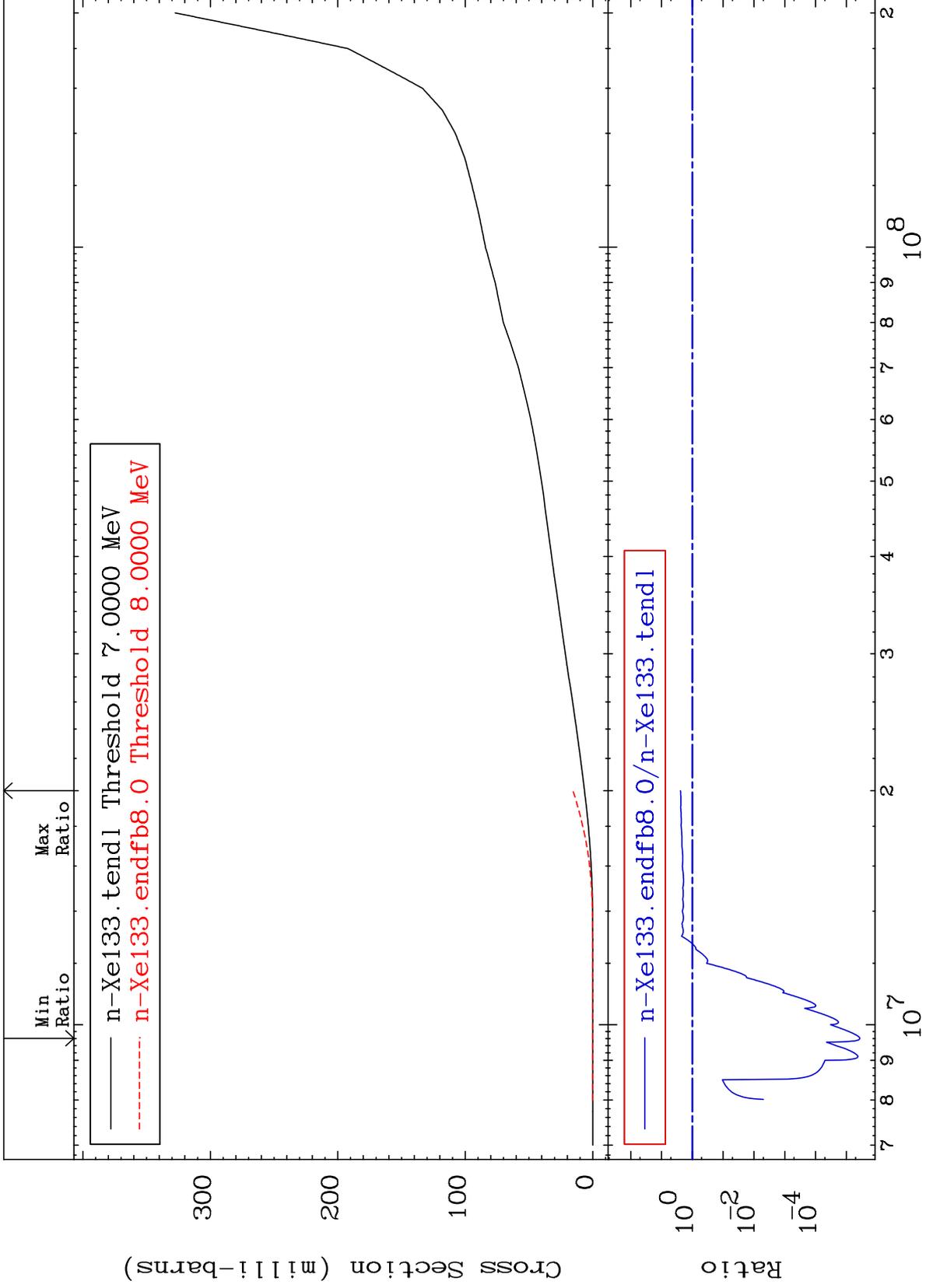




MAT 5452

Deuterium Production
Cross Section

54-Xe-133
-100.0 To 141.6 %



30

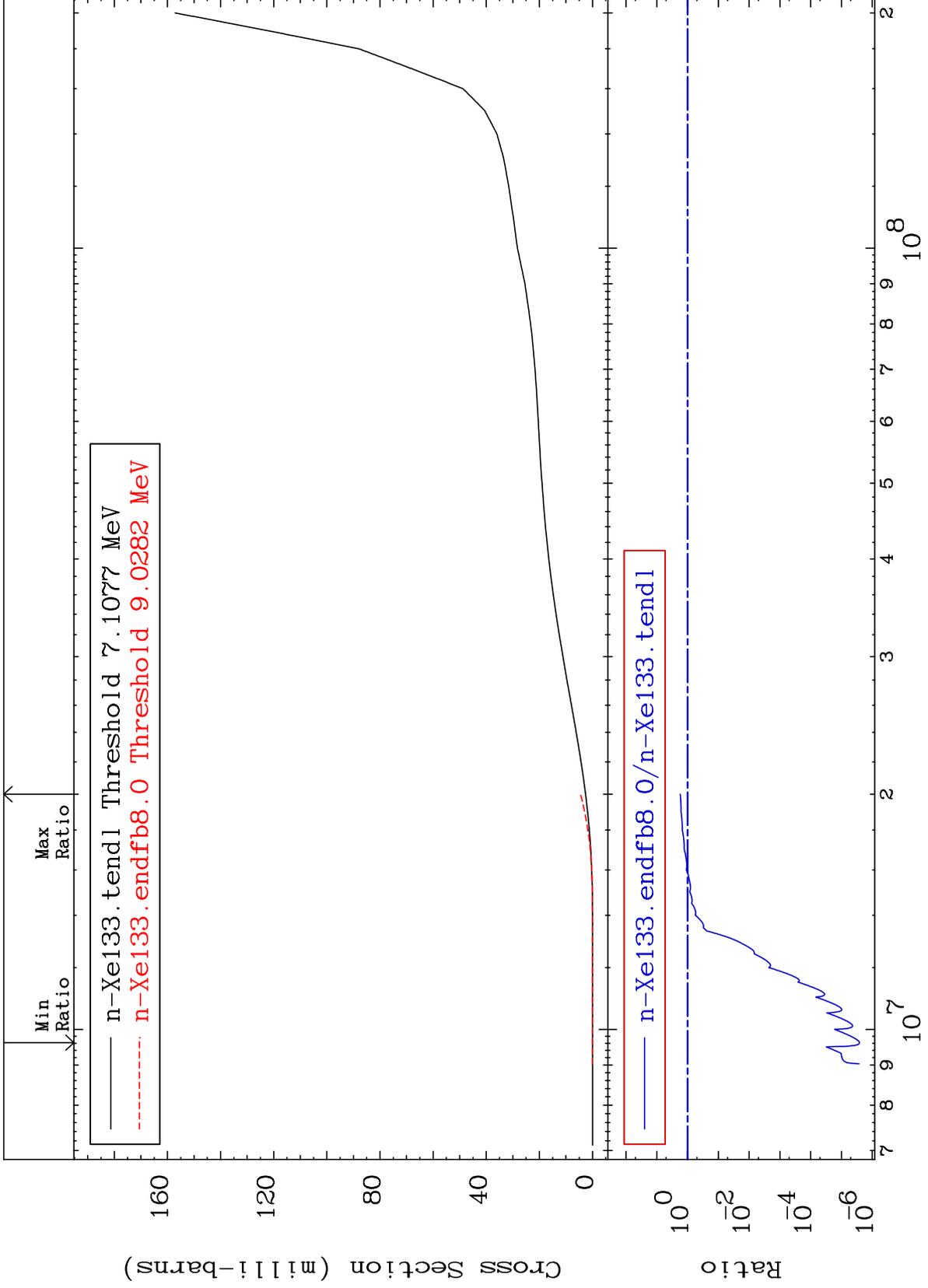
Incident Energy (eV)

54-Xe-133

MAT 5452

Tritium Production
Cross Section

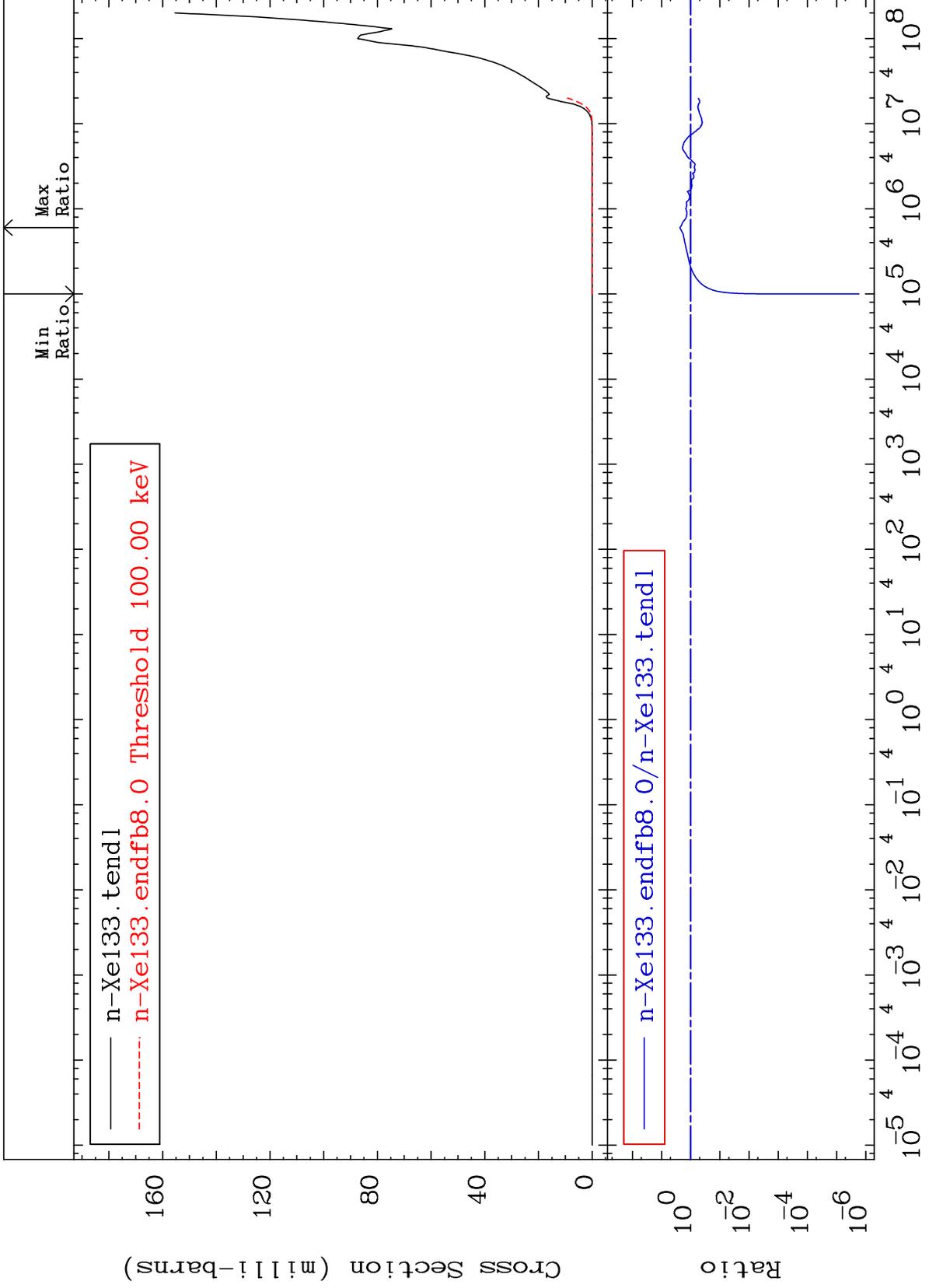
54-Xe-133
-100.0 To 72.80 %



MAT 5452

He-4 Production
Cross Section

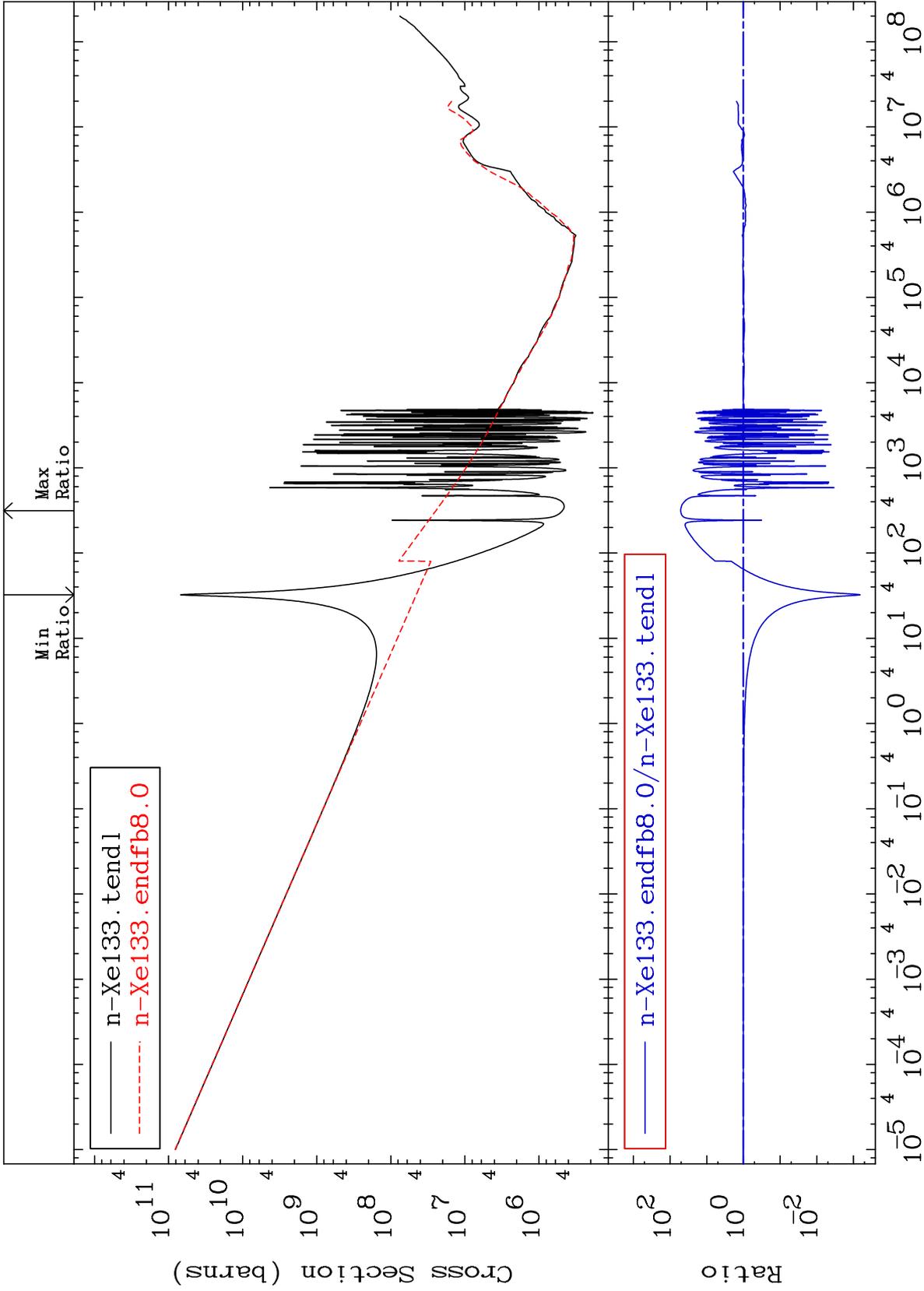
54-Xe-133
-100.0 To 136.4 %



32

Incident Energy (eV)

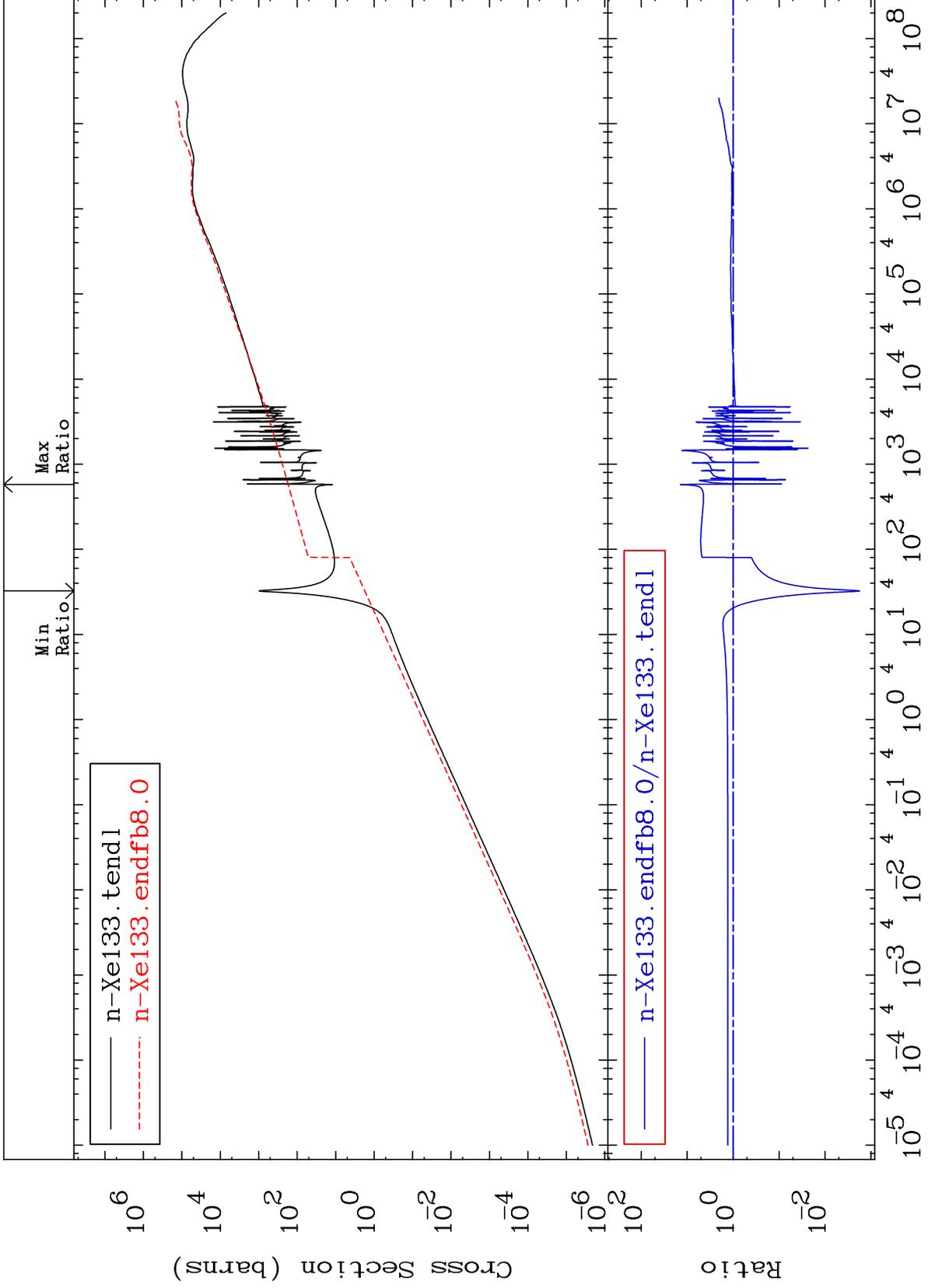
54-Xe-133



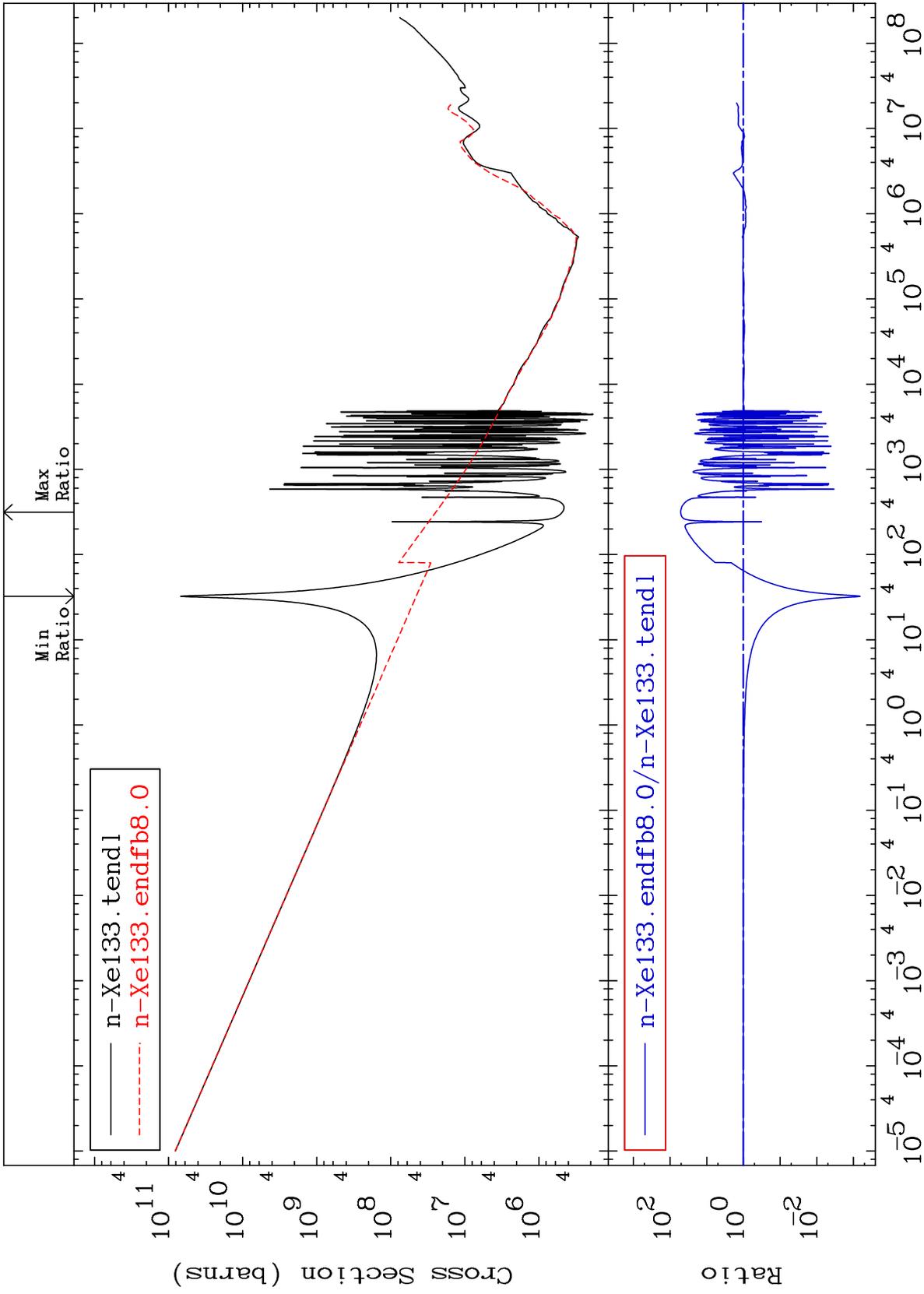
MAT 5452

Kerma elastic
Cross Section

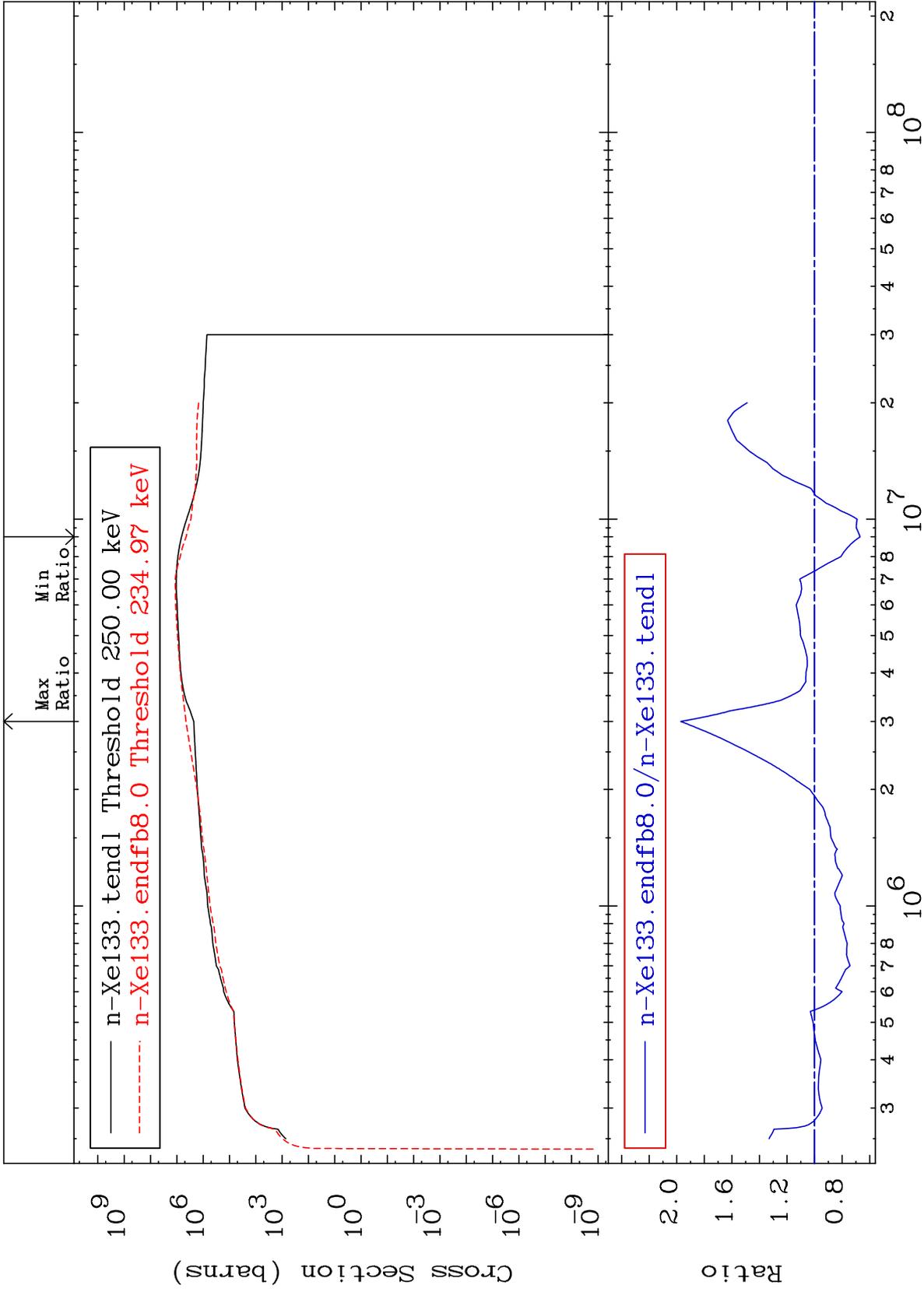
54-Xe-133
-99.82 To 1308. %



Cross Section



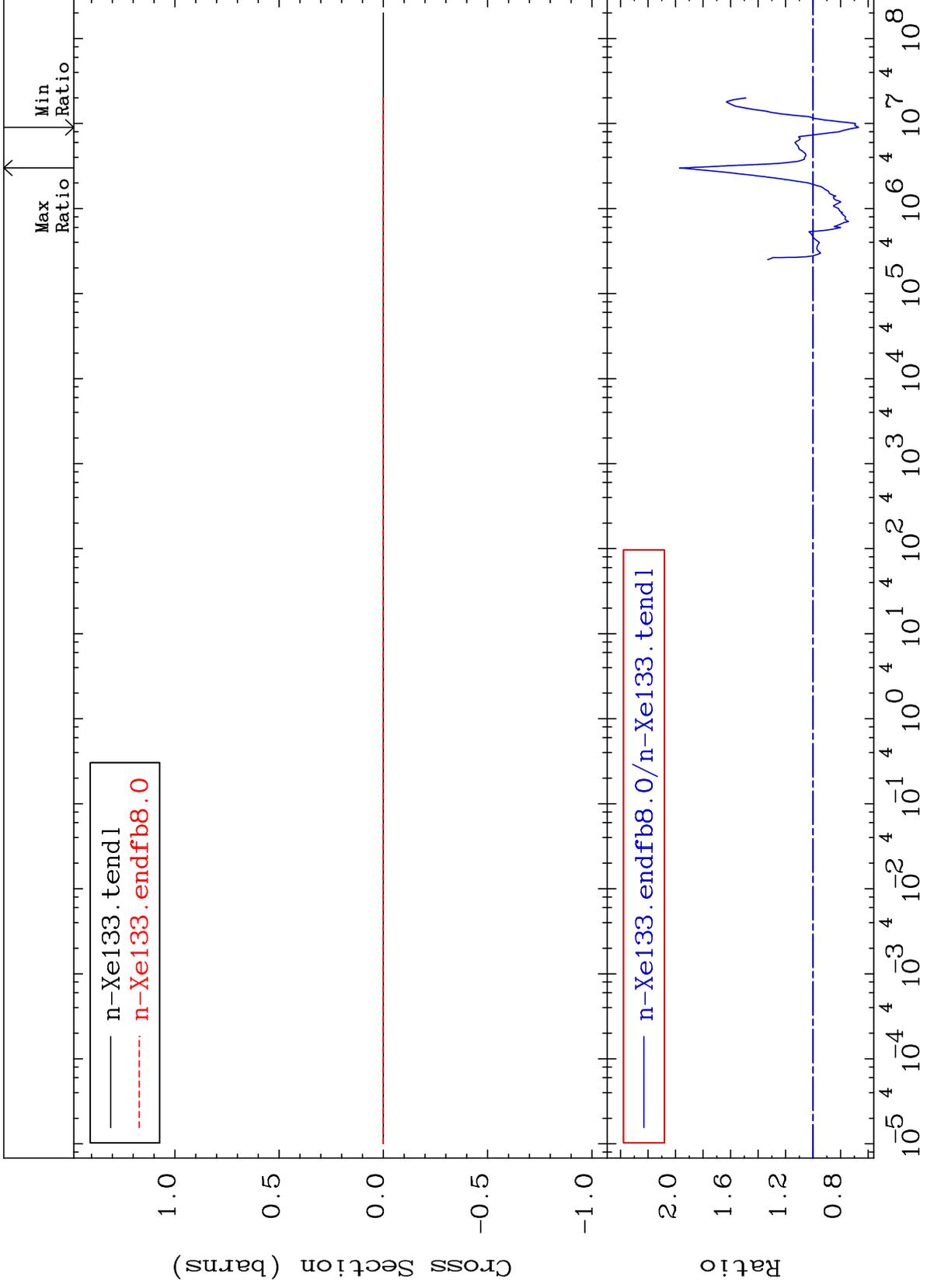
Incident Energy (eV)



MAT 5452

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

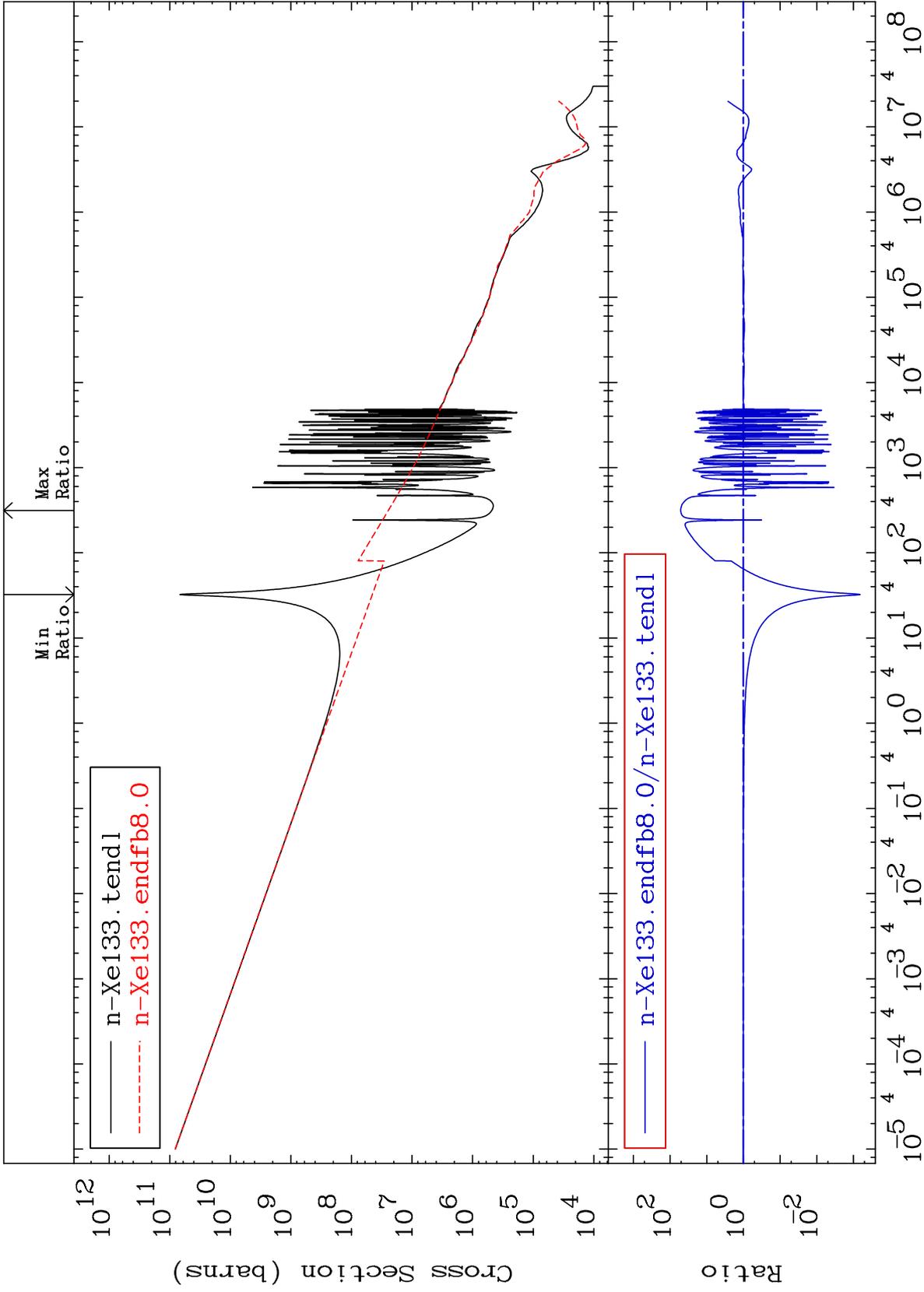
54-Xe-133
-33.05 To 97.11 %

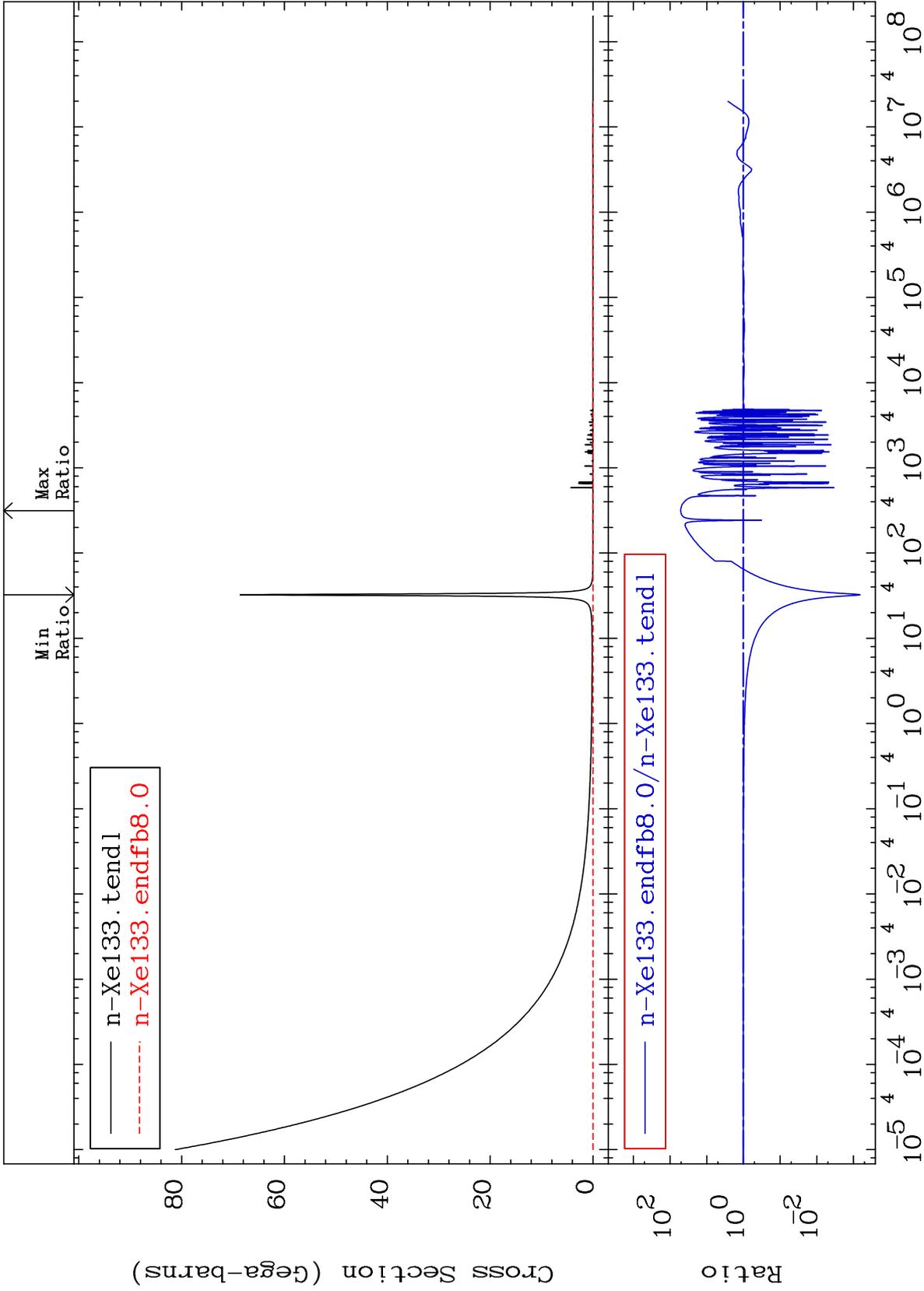


37

Incident Energy (eV)

54-Xe-133





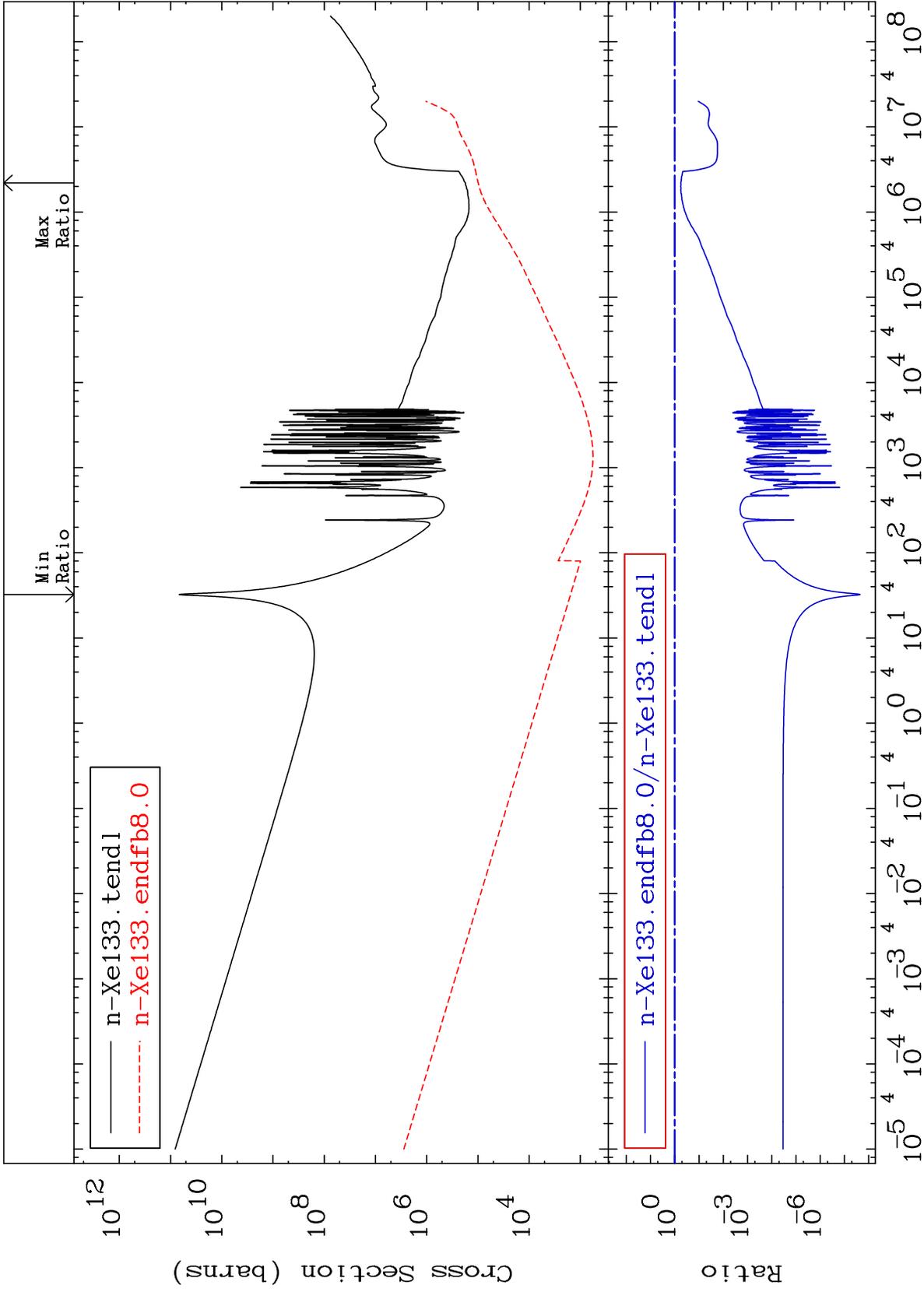
MAT 5452

Total kinematic kerma (high limit)

54-Xe-133

Cross Section

-100.0 To -43.47%



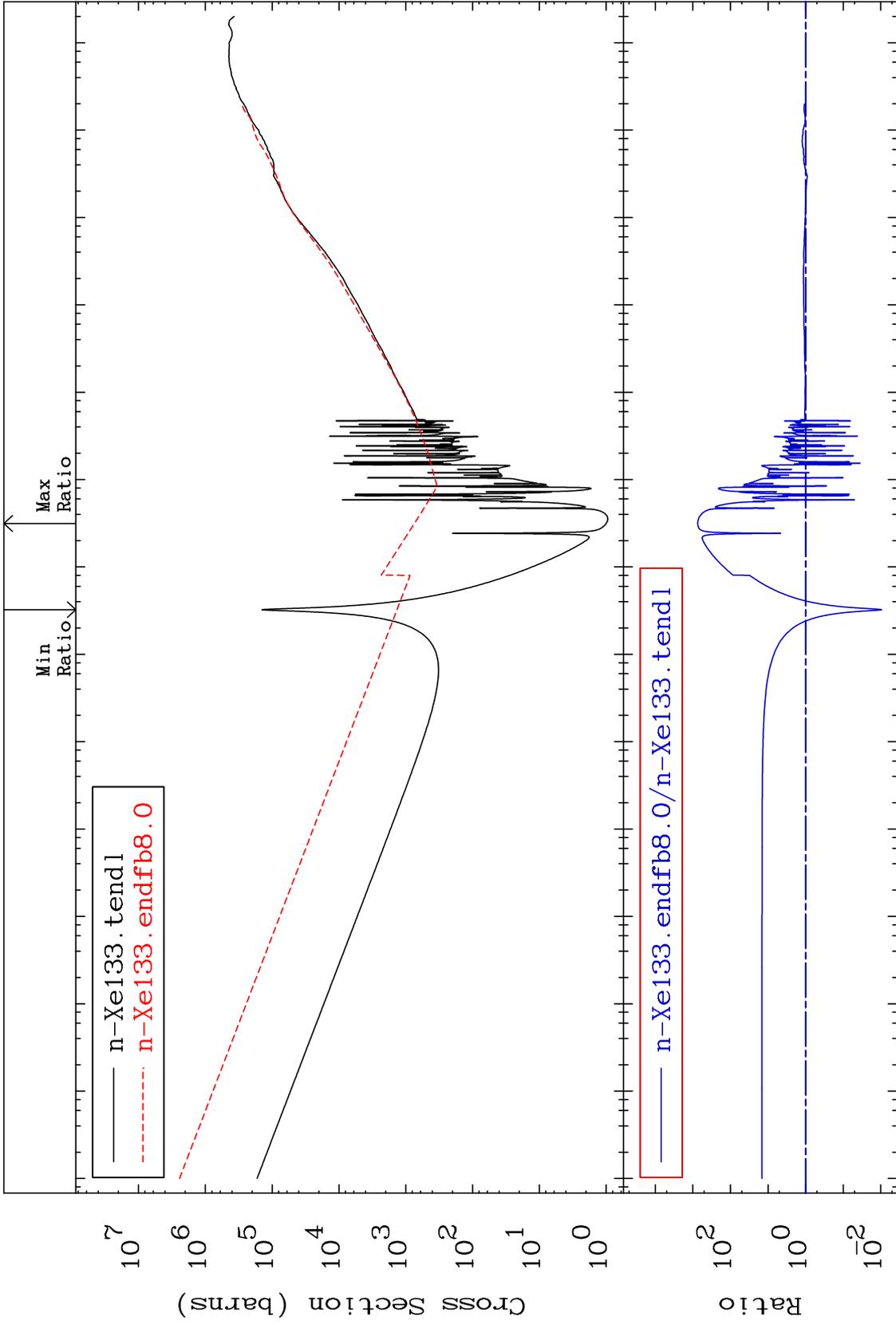
MAT 5452

Dpa total (eV-barns)

54-Xe-133

-99.05 To 9999. %

Cross Section



41

Incident Energy (eV)

54-Xe-133

MAT 5452

Dpa elastic (mt2)
Cross Section

54-Xe-133
-97.68 To 9999. %

