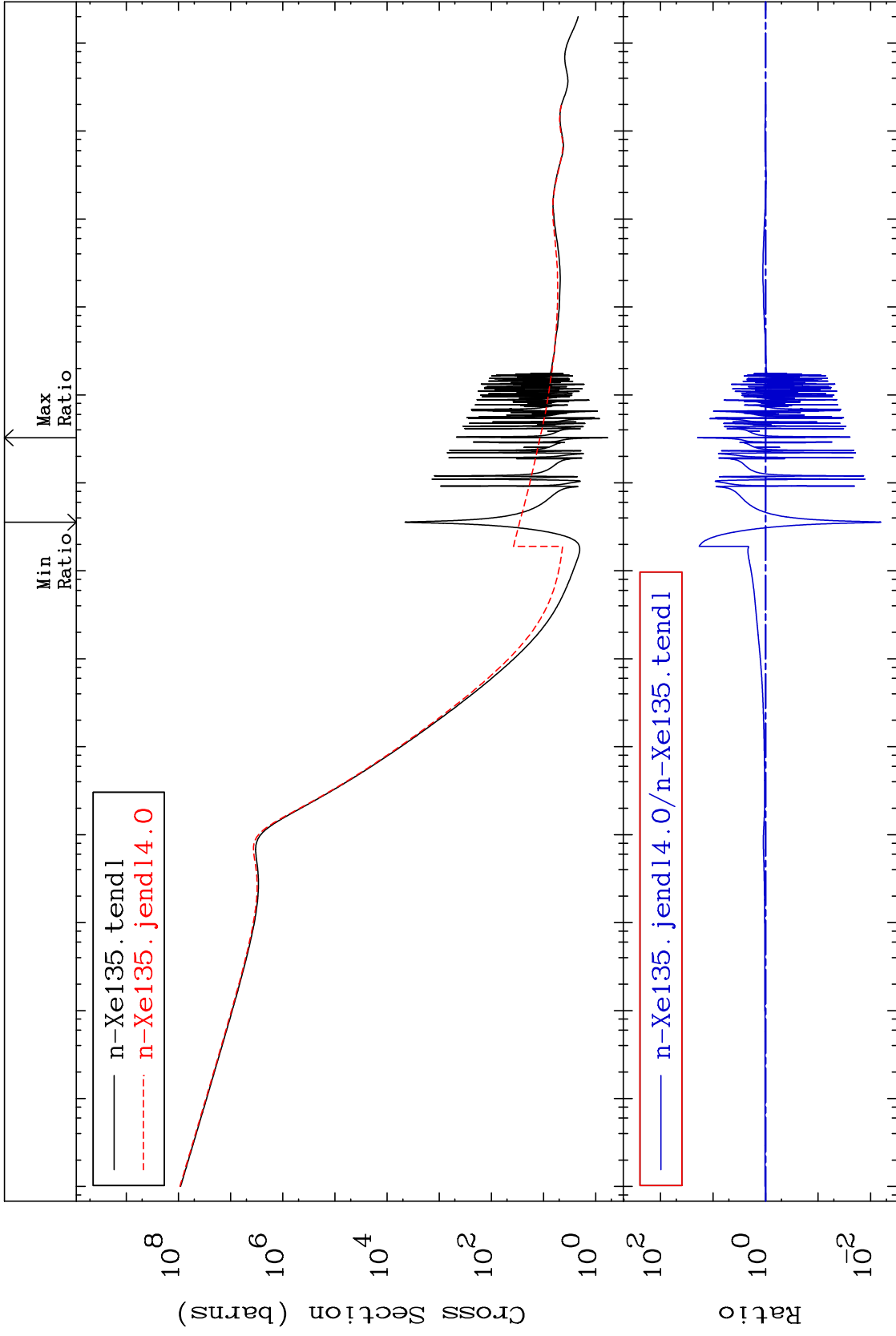


MAT 5458

Total
Cross Section

54-Xe-135
-99.37 To 1881. %



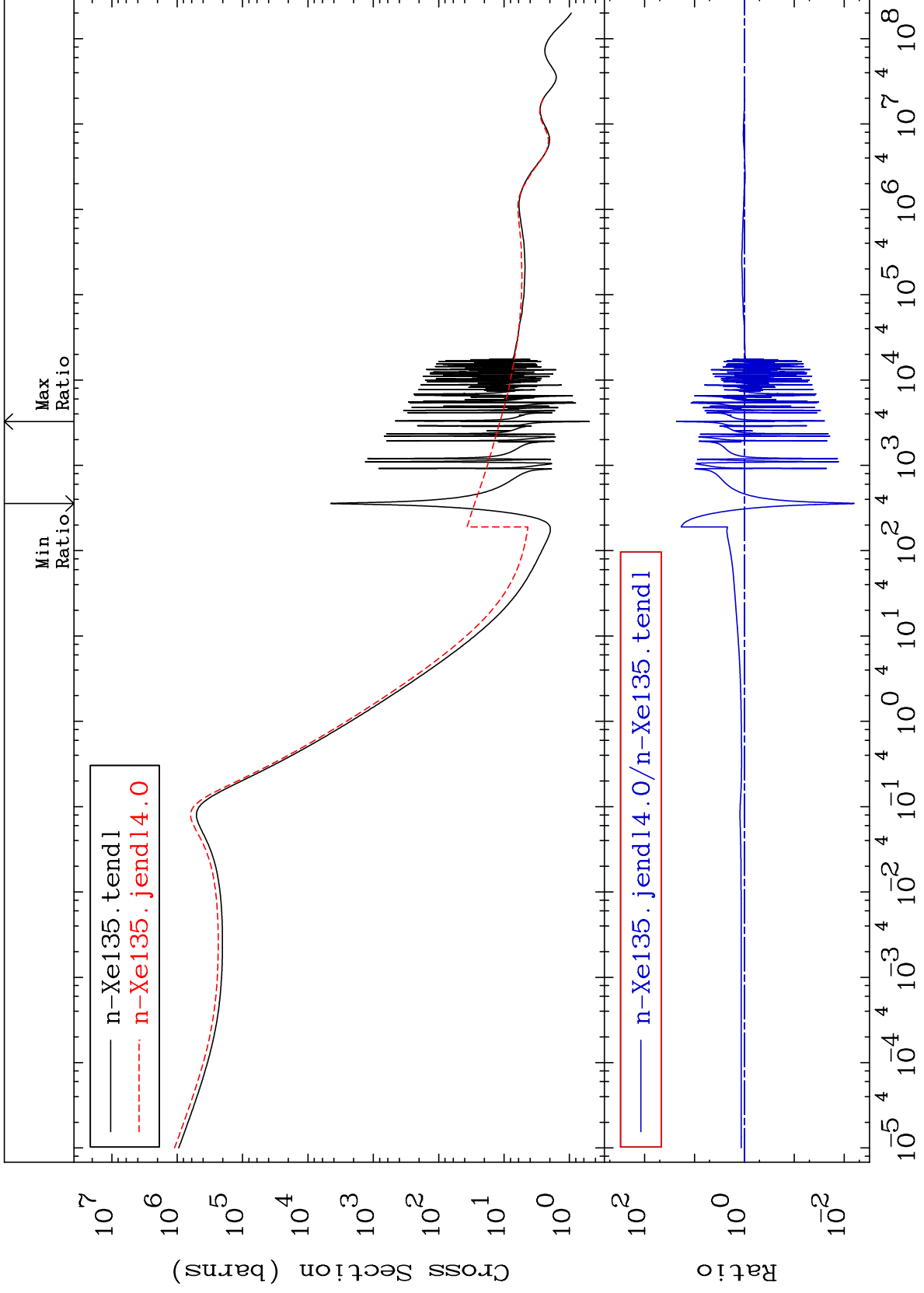
Incident Energy (eV)

54-Xe-135

MAT 5458

Elastic
Cross Section

54-Xe-135
-99.37 To 2212. %



Incident Energy (eV)

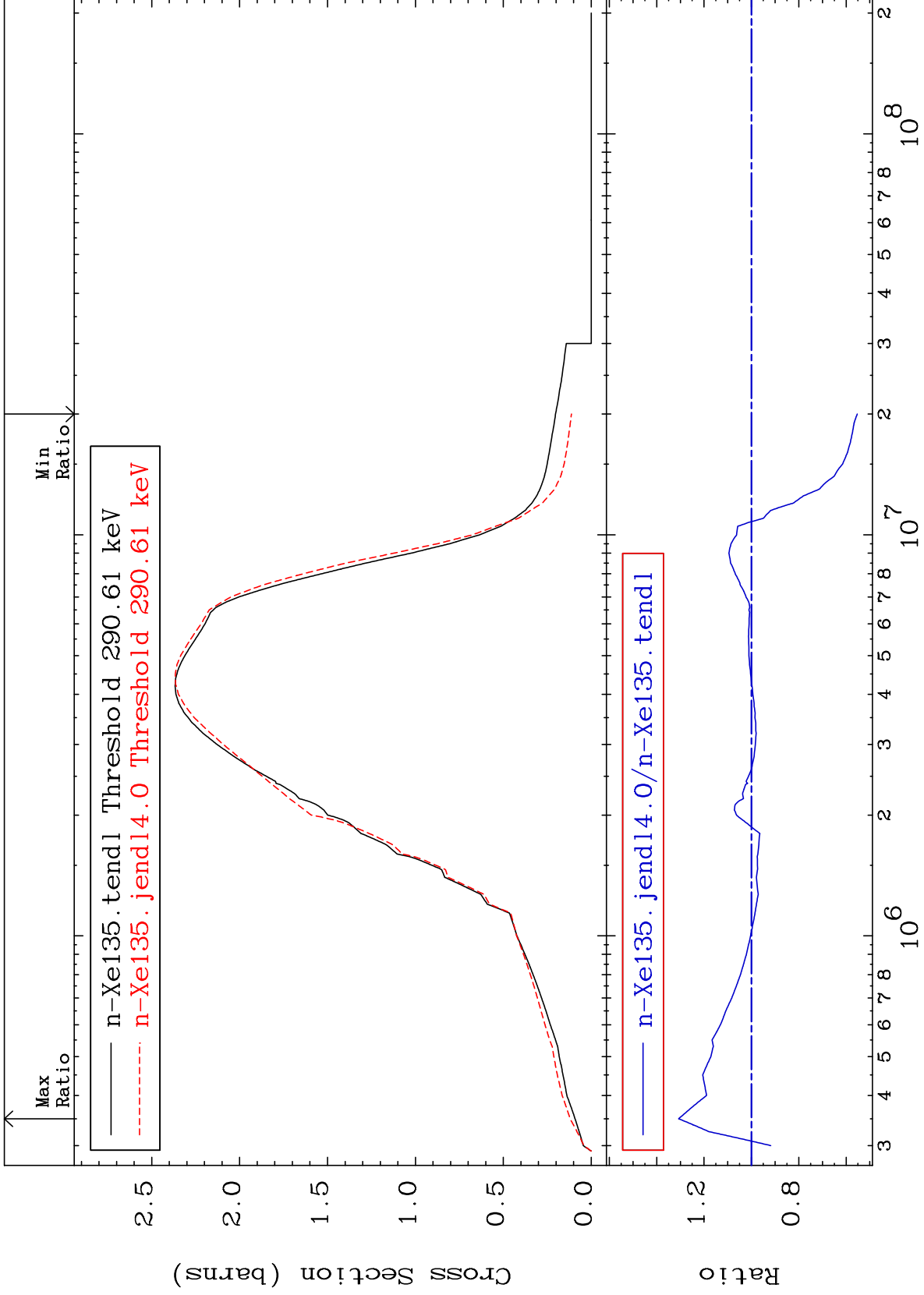
54-Xe-135

2

MAT 5458

Inelastic
Cross Section

54-Xe-135
-44.70 To 30.73 %



3

54-Xe-135

54-Xe-135

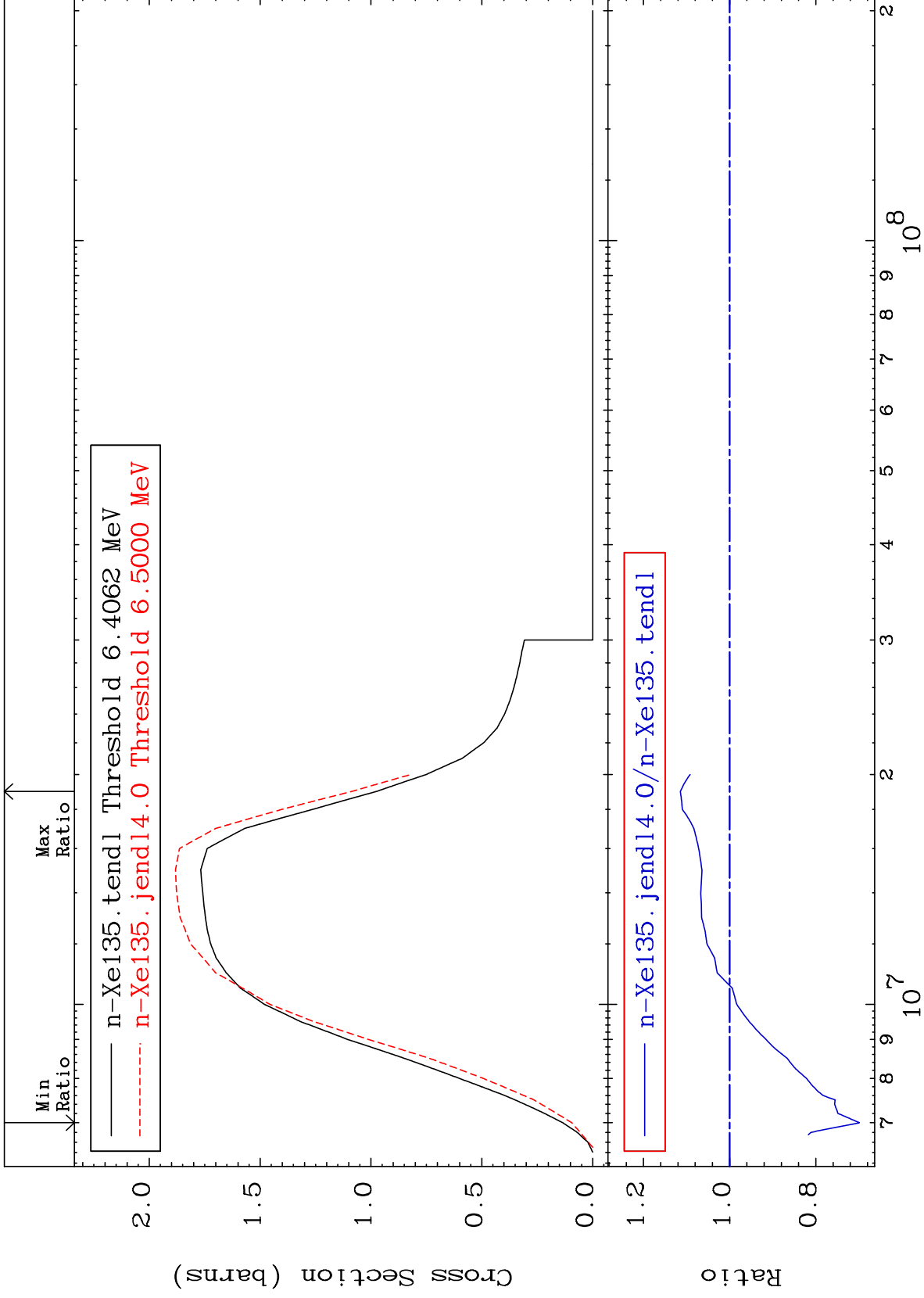
MAT 5458

(n,2n)

54-Xe-135

Cross Section

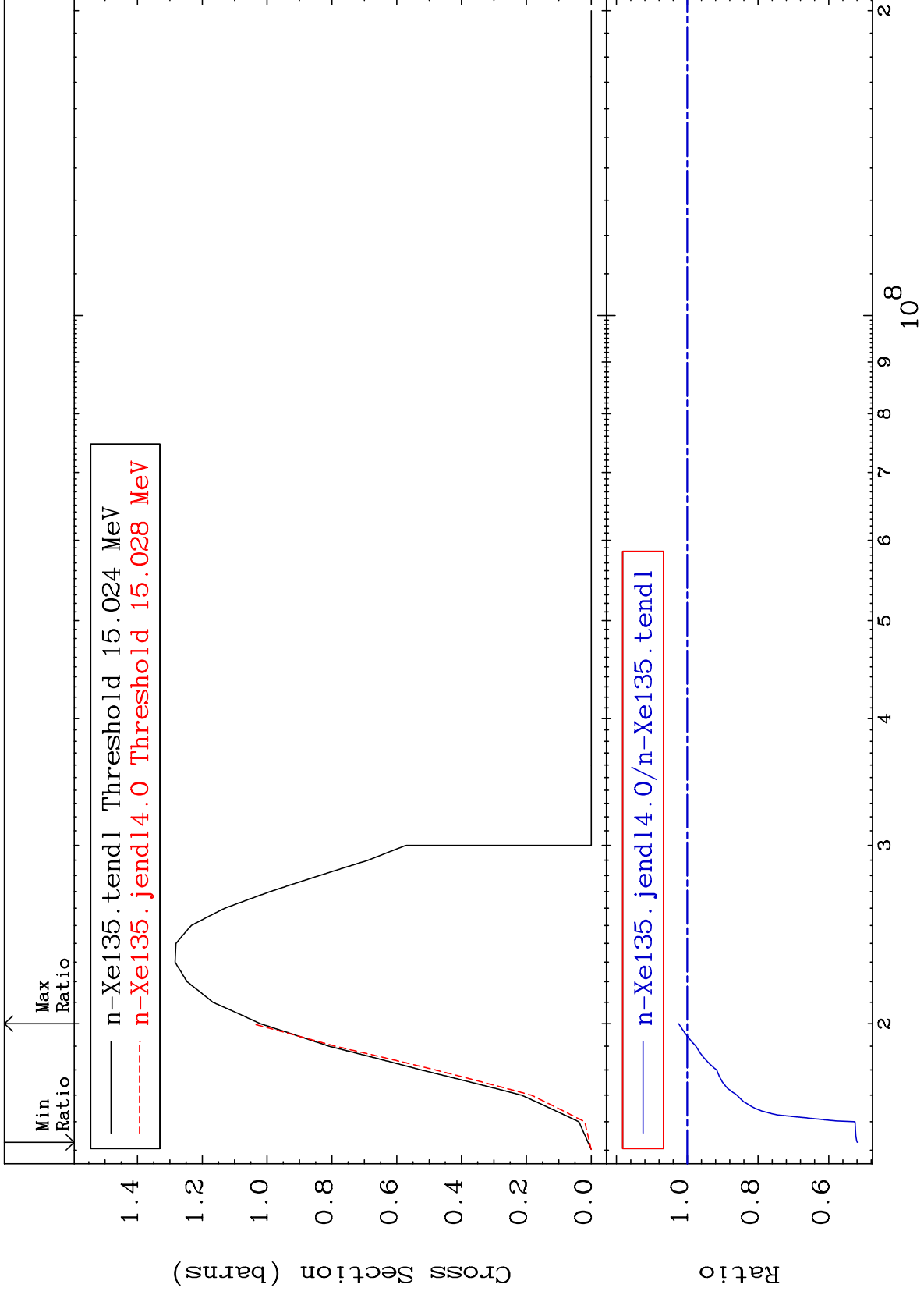
-30.11 To 11.44 %



MAT 5458

(n,3n)
Cross Section

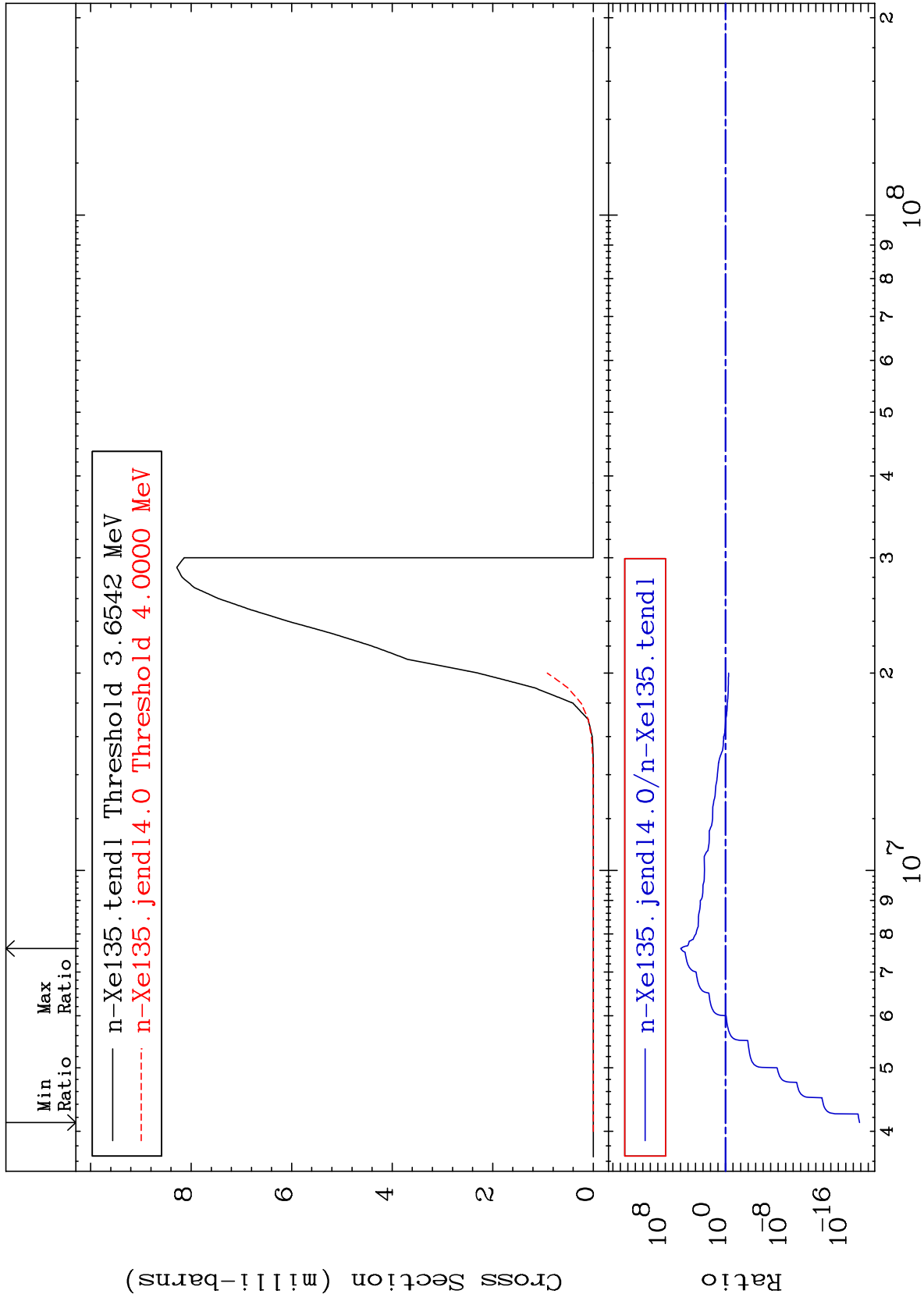
54-Xe-135
-48.08 To 2.432 %



MAT 5458

(n,n') α
Cross Section

54-Xe-135
-100.0 To 9999. %



6

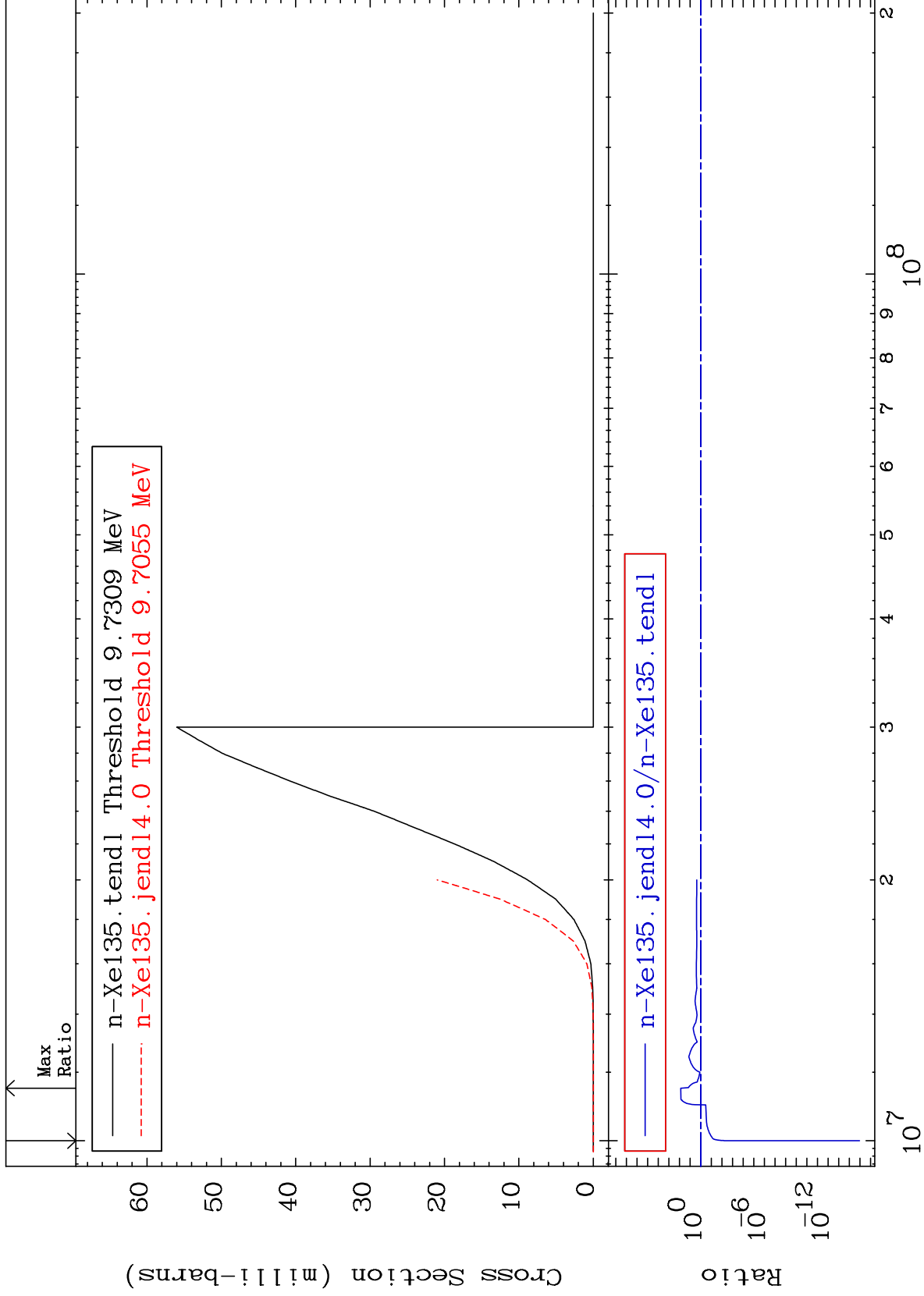
Incident Energy (eV)

54-Xe-135

MAT 5458

(n,n') p
Cross Section

54-Xe-135
-100.0 To 7581. %



Incident Energy (eV)

54-Xe-135

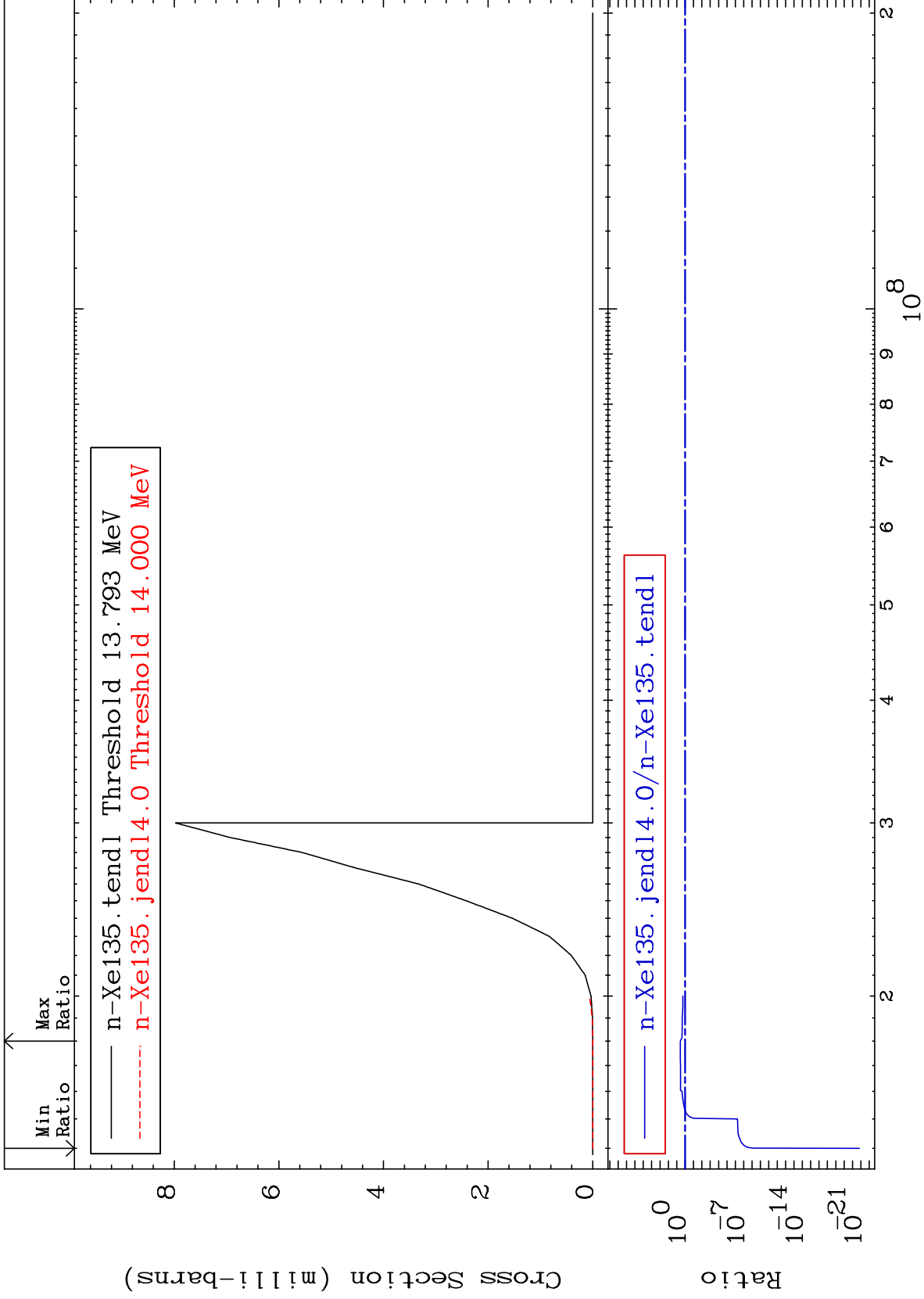
MAT 5458

(n,n') d

54-Xe-135

Cross Section

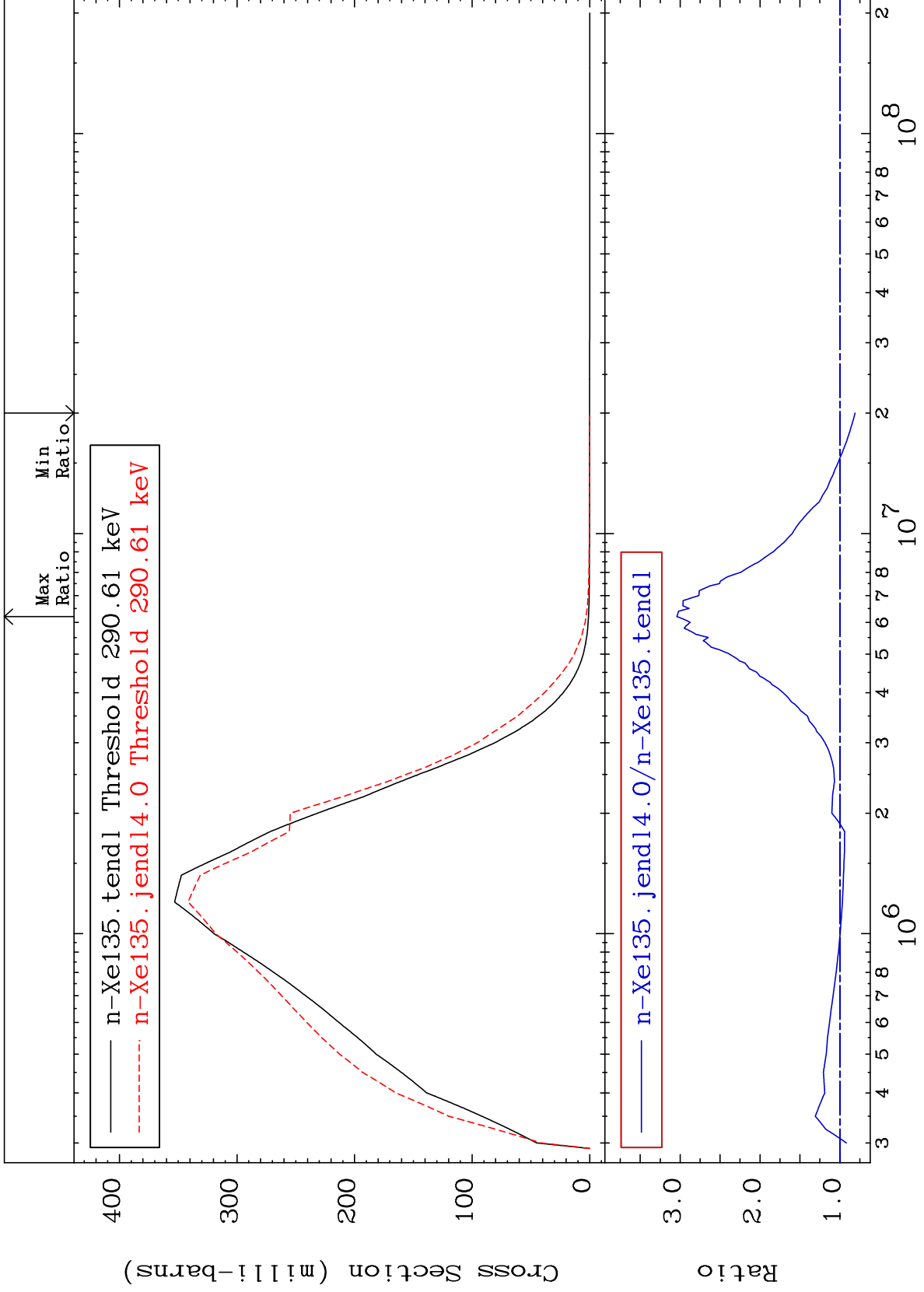
-100.0 To 269.5 %



MAT 5458

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

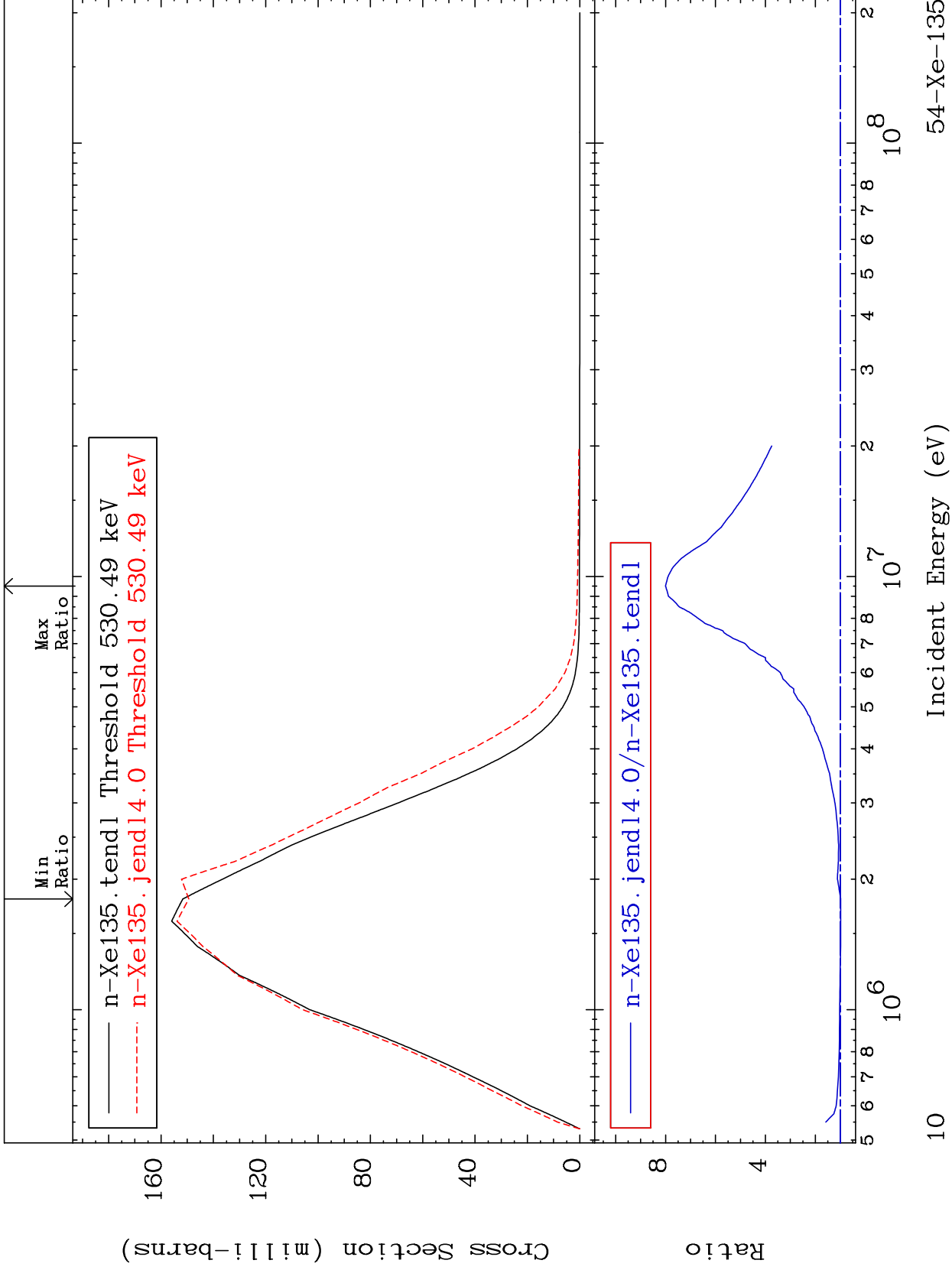
54-Xe-135
-19.08 To 204.1 %



MAT 5458

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

54-Xe-135
-1.514 To 700.4 %



10

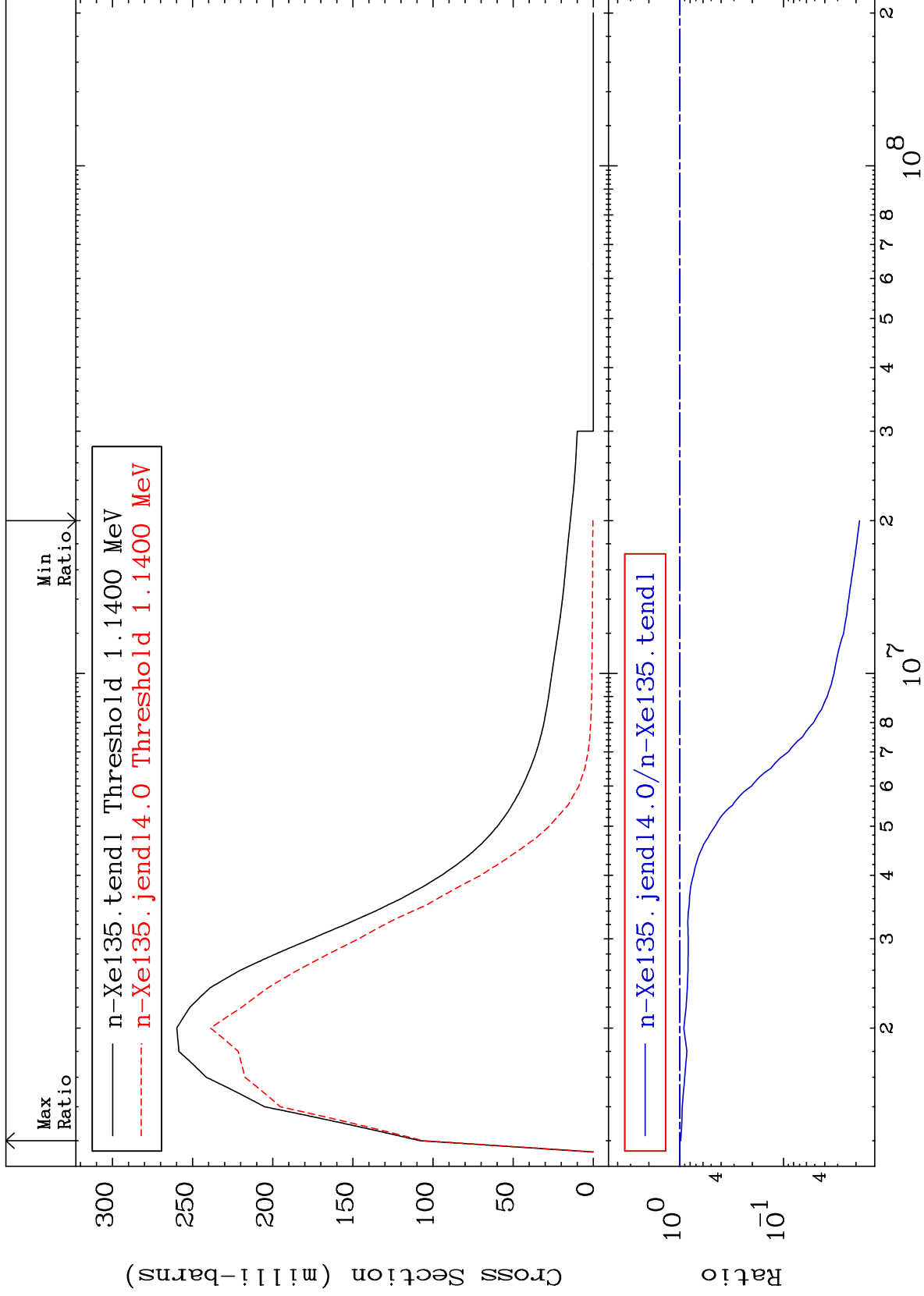
Incident Energy (eV)

54-Xe-135

MAT 5458

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

54-Xe-135
-98.16 To -1.790%



11

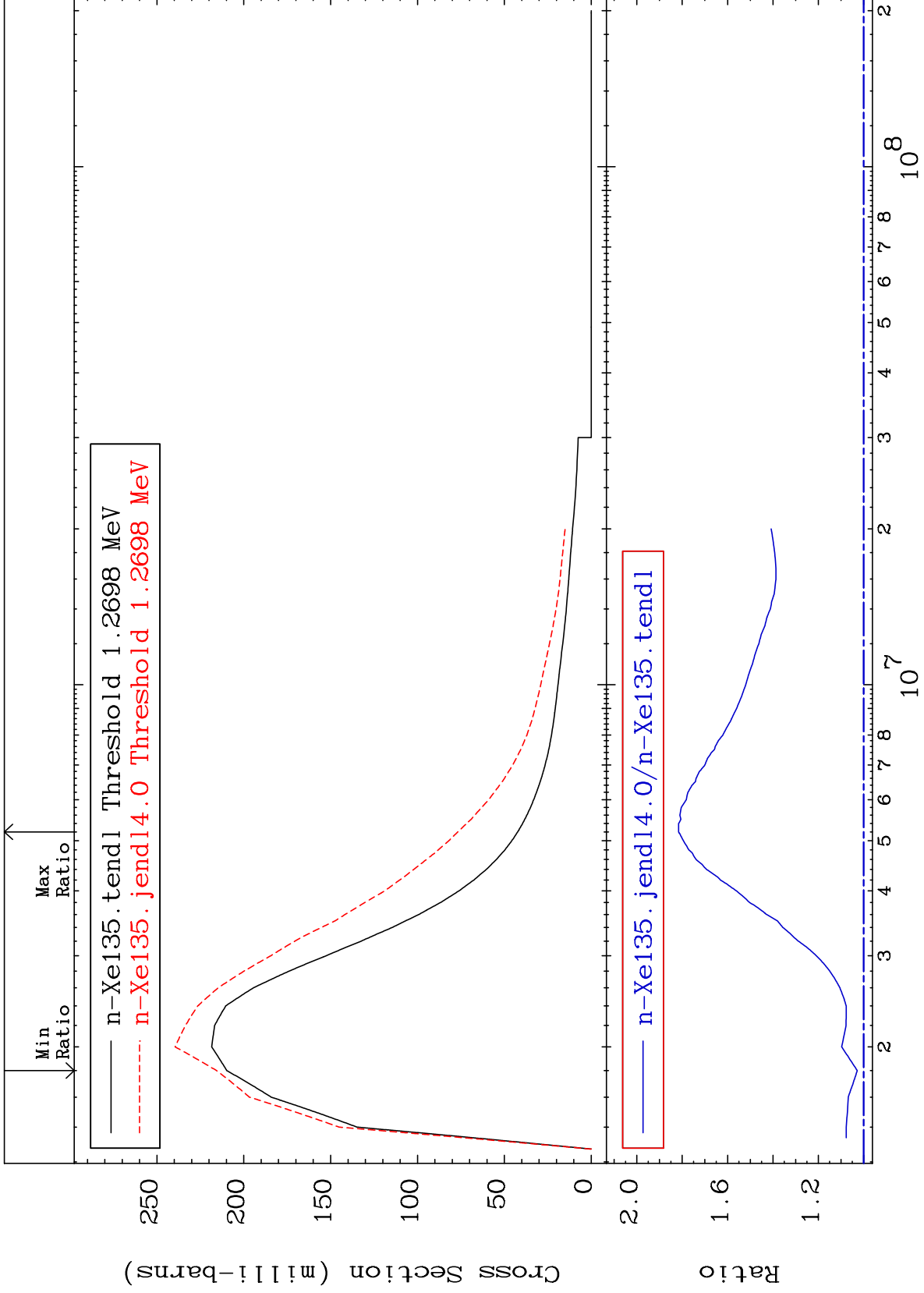
Incident Energy (eV)

54-Xe-135

MAT 5458

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

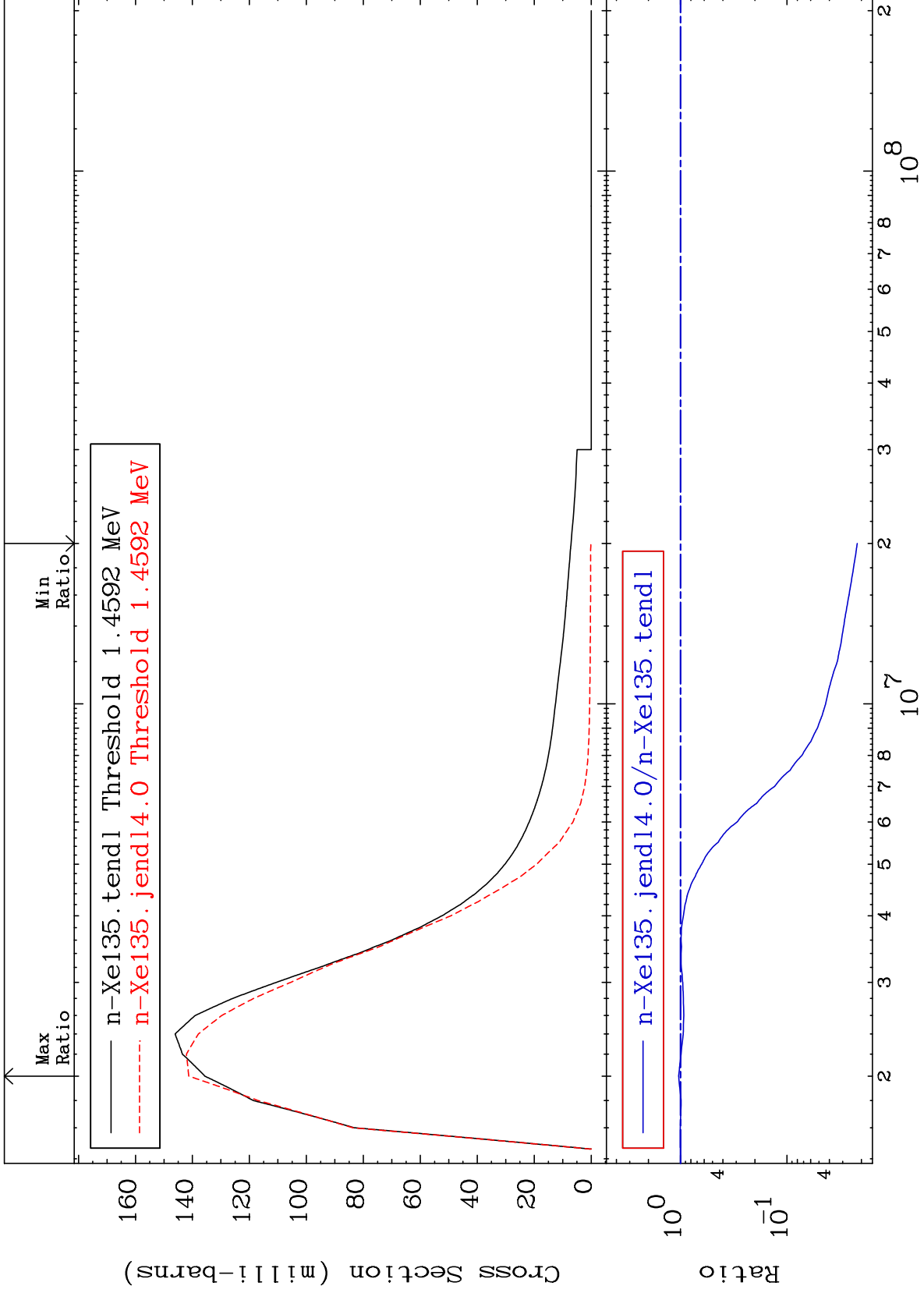
54-Xe-135
2.804 To 81.58 %



MAT 5458

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

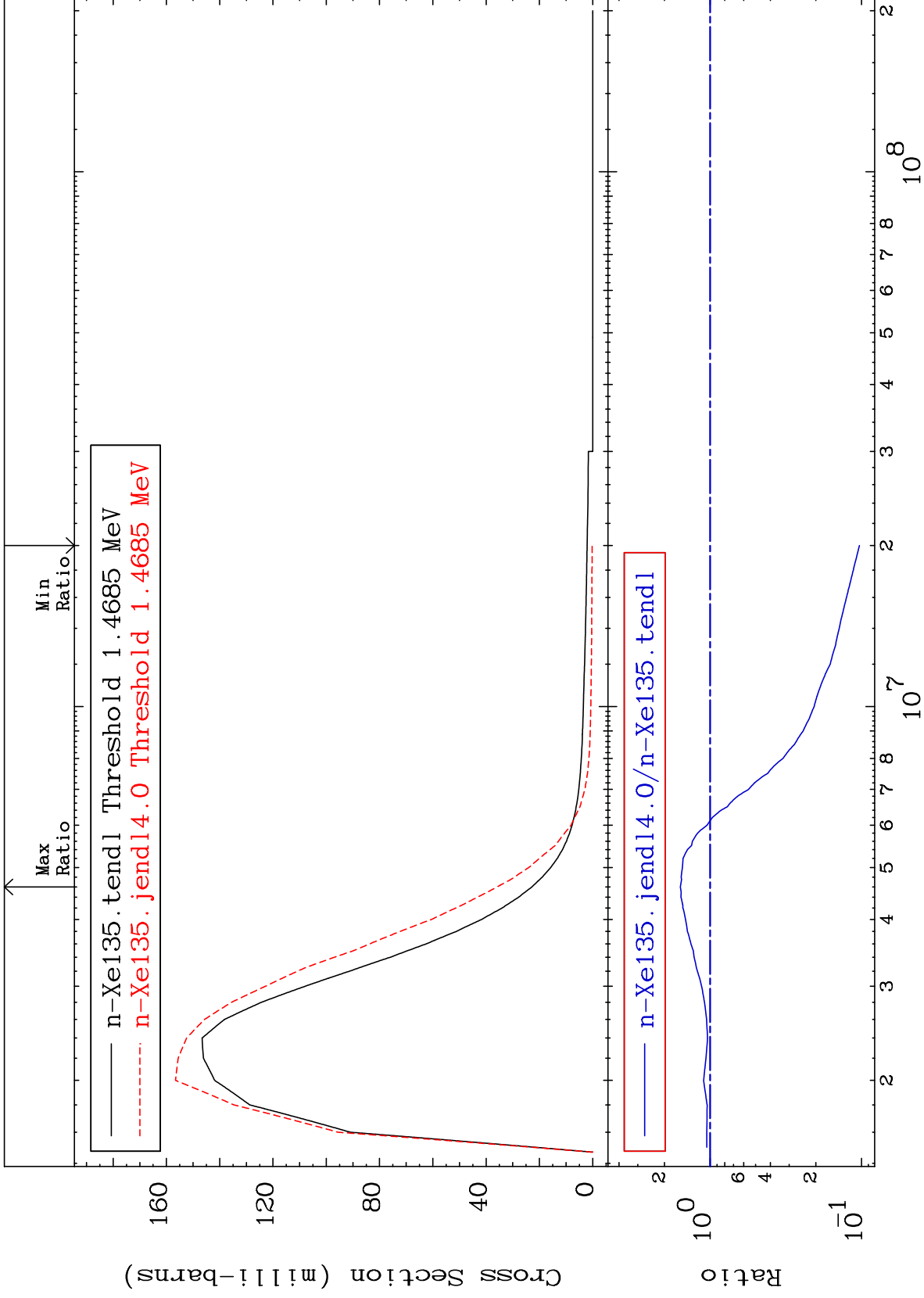
54-Xe-135
-97.81 To 4.180 %



MAT 5458

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

54-Xe-135
-89.68 To 57.18 %



14

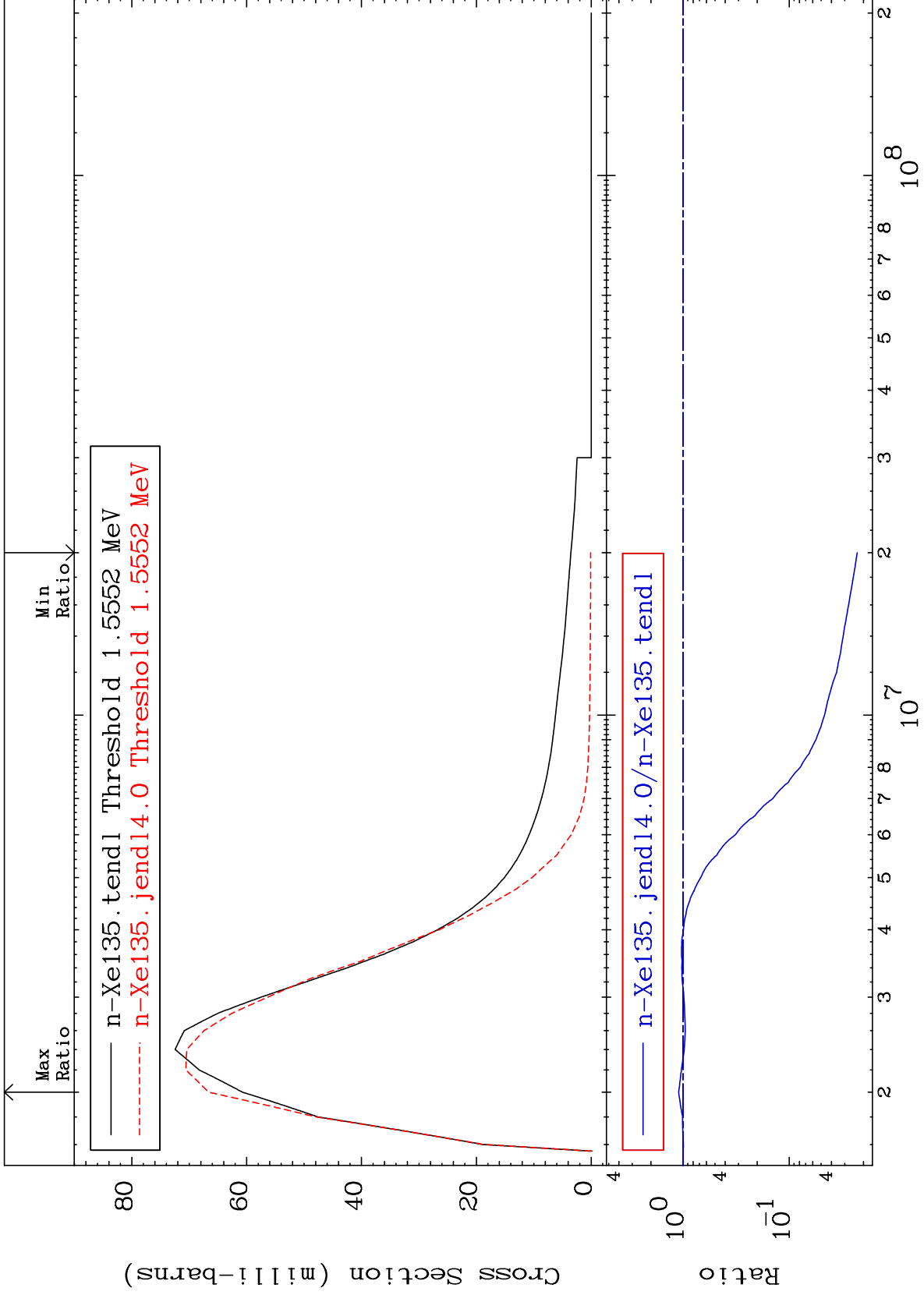
Incident Energy (eV)

54-Xe-135

MAT 5458

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

54-Xe-135
-97.71 To 9.740 %



15

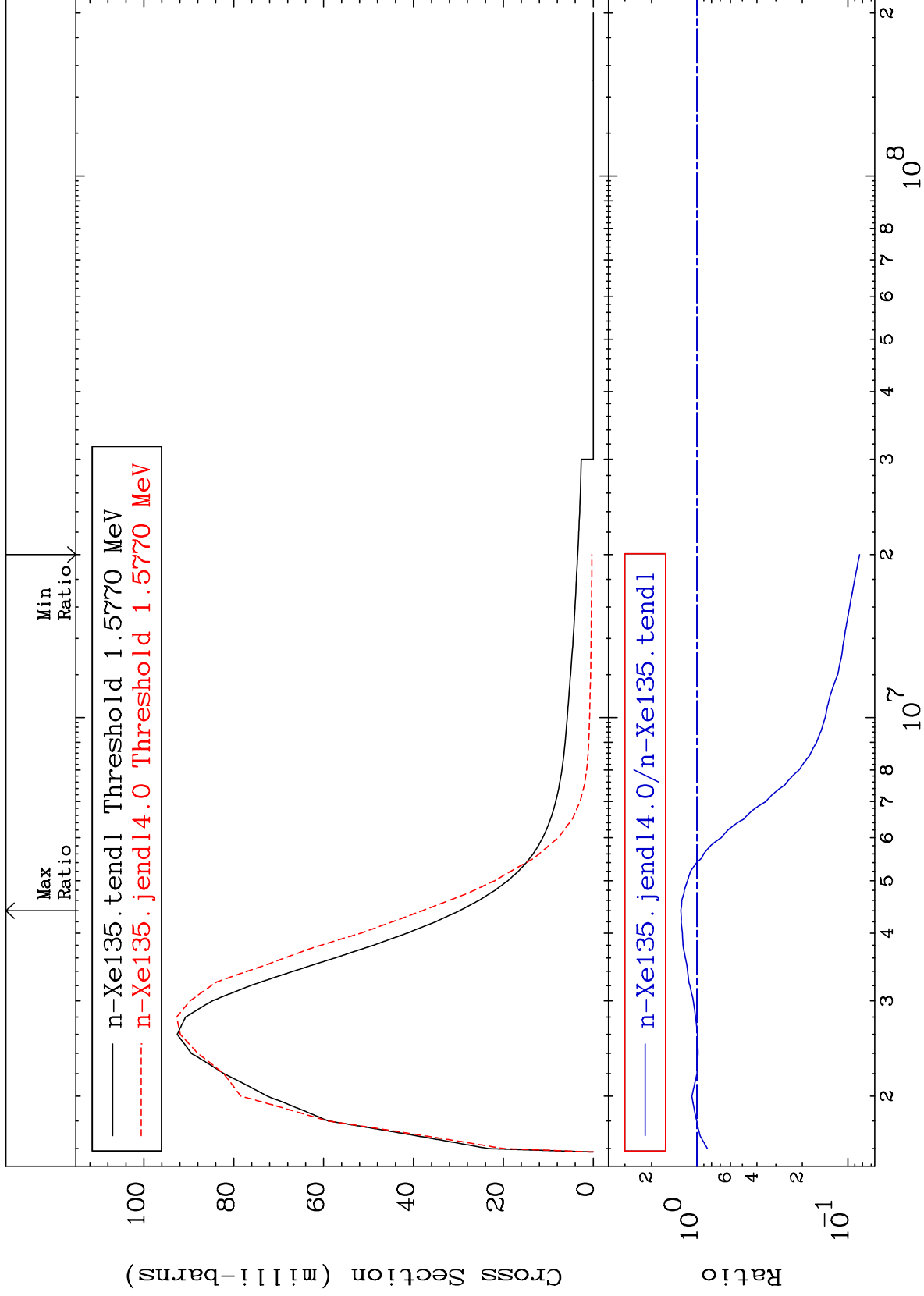
Incident Energy (eV)

54-Xe-135

MAT 5458

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

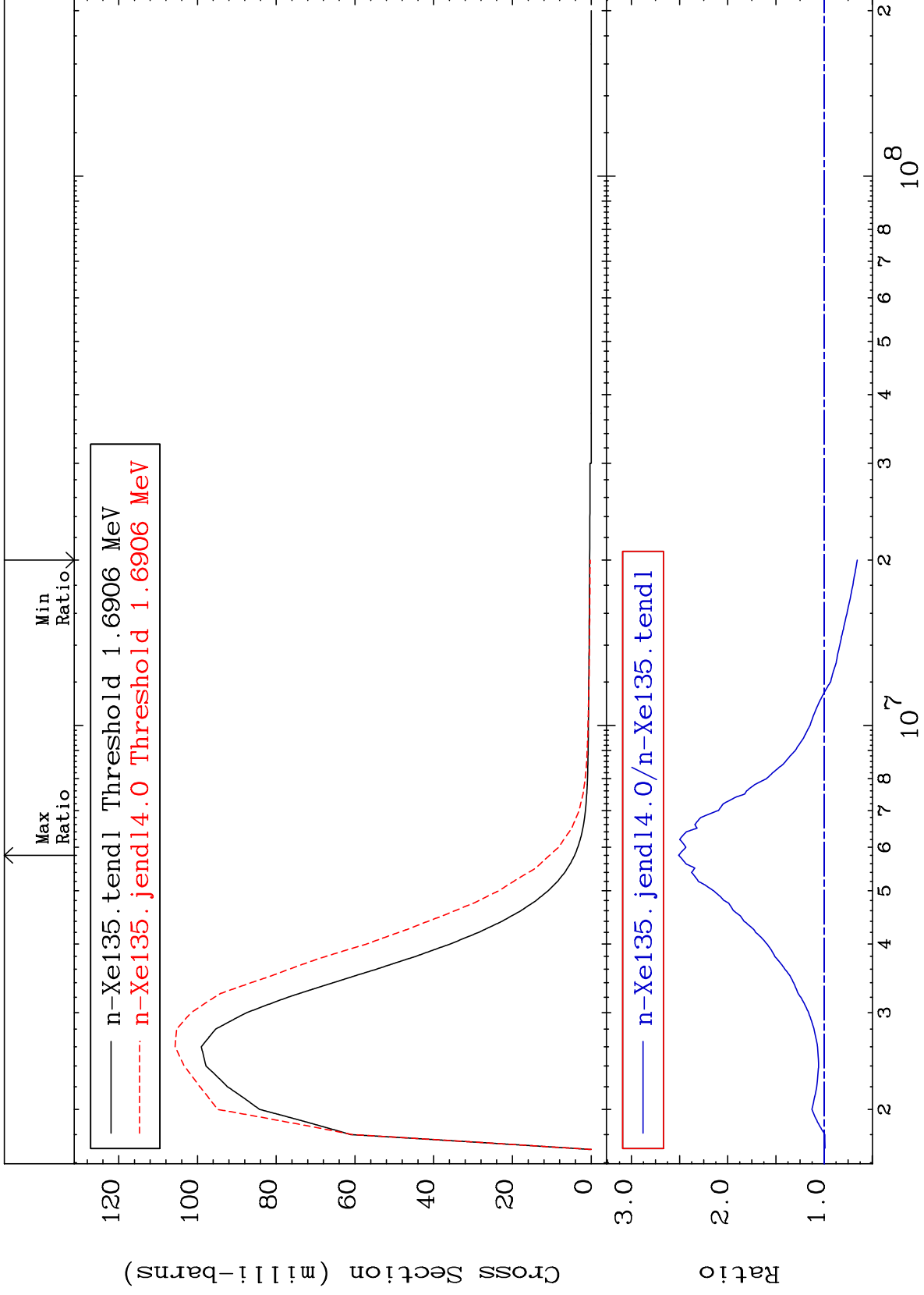
54-Xe-135
-91.64 To 28.05 %



MAT 5458

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

54-Xe-135
-34.43 To 151.0 %



17

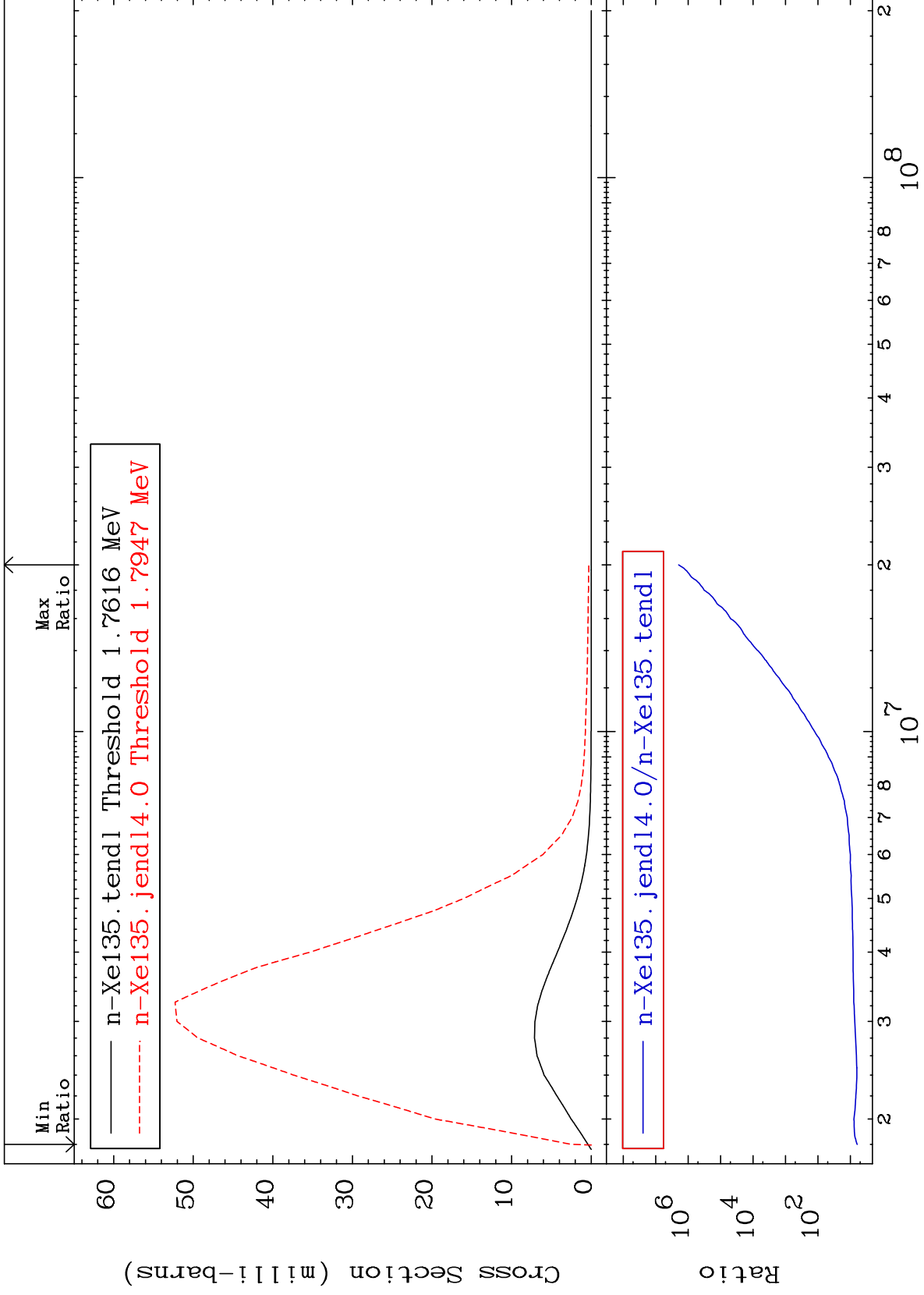
Incident Energy (eV)

54-Xe-135

MAT 5458

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

54-Xe-135
517.2 To 9999. %



18

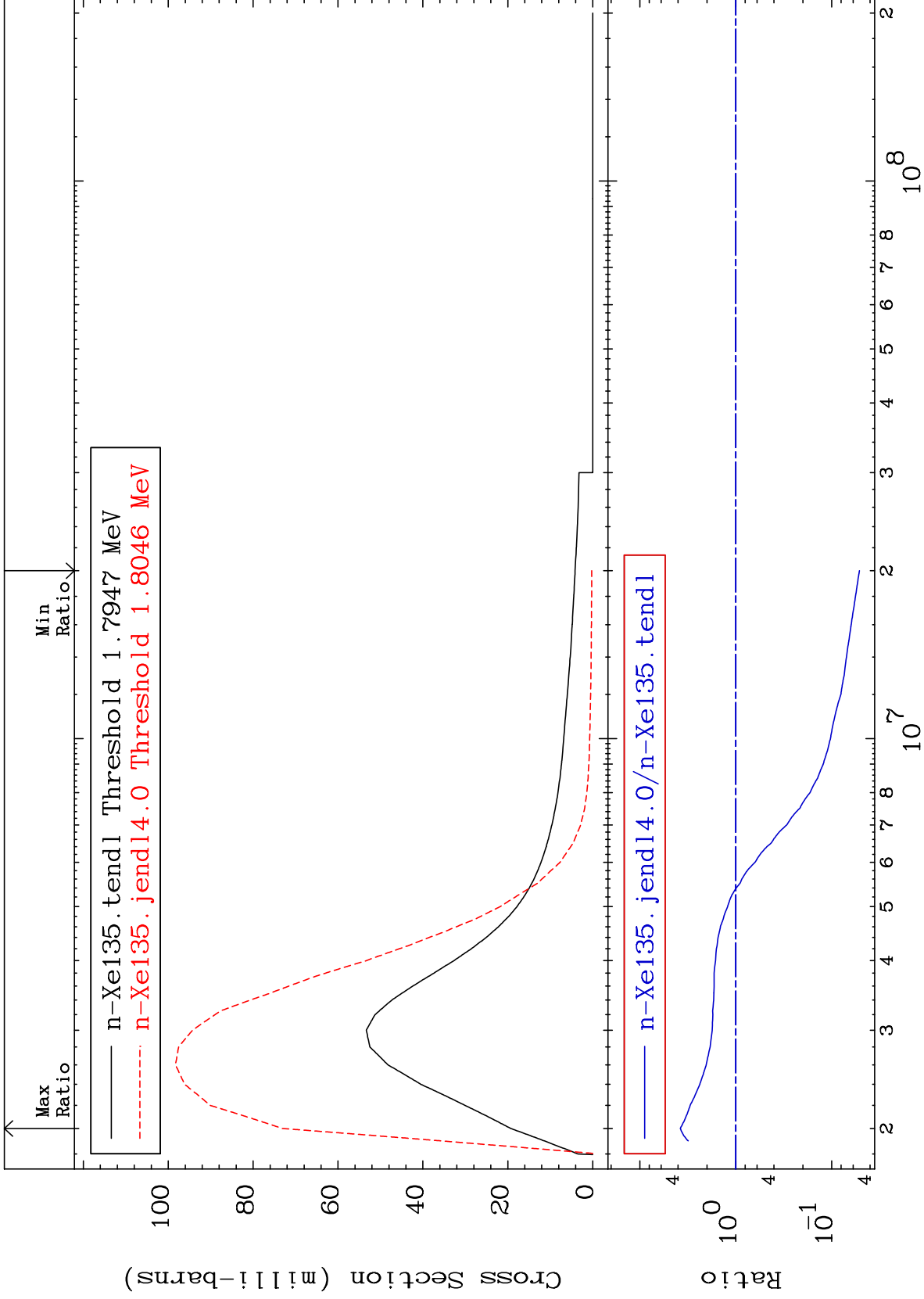
Incident Energy (eV)

54-Xe-135

MAT 5458

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

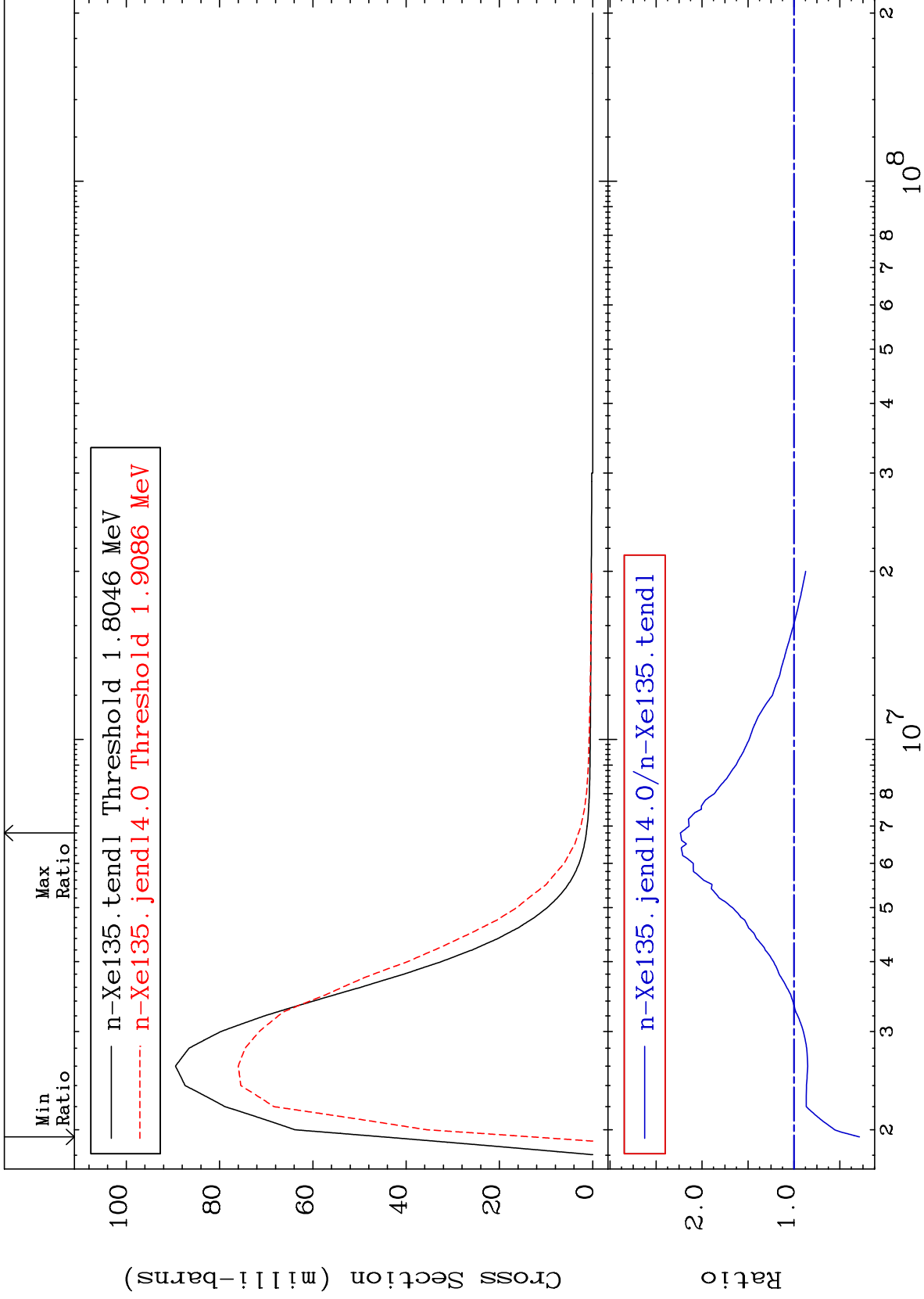
54-Xe-135
-94.85 To 278.7 %



MAT 5458

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

54-Xe-135
-71.24 To 123.6 %



20

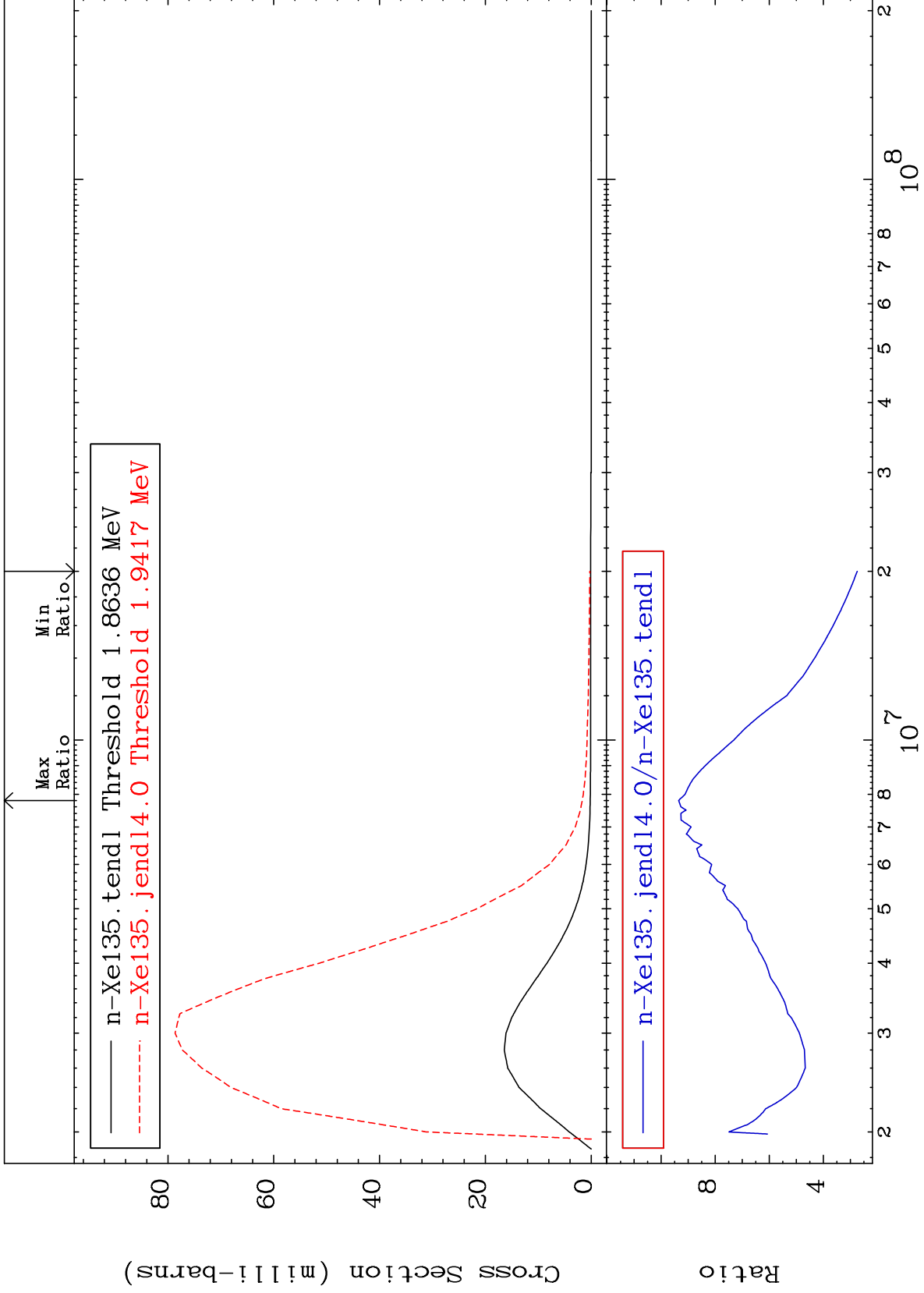
Incident Energy (eV)

54-Xe-135

MAT 5458

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

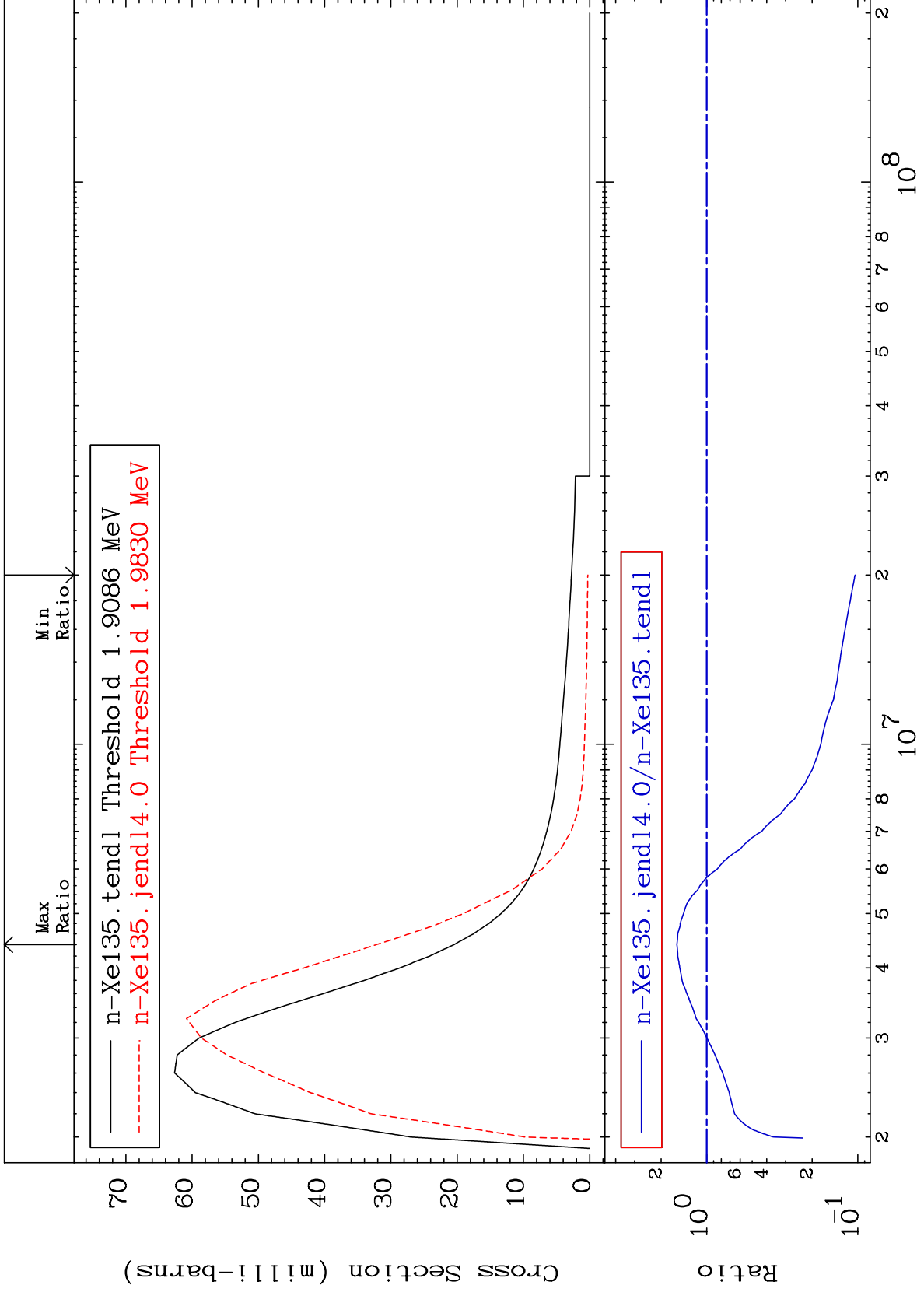
54-Xe-135
174.9 To 835.0 %



MAT 5458

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

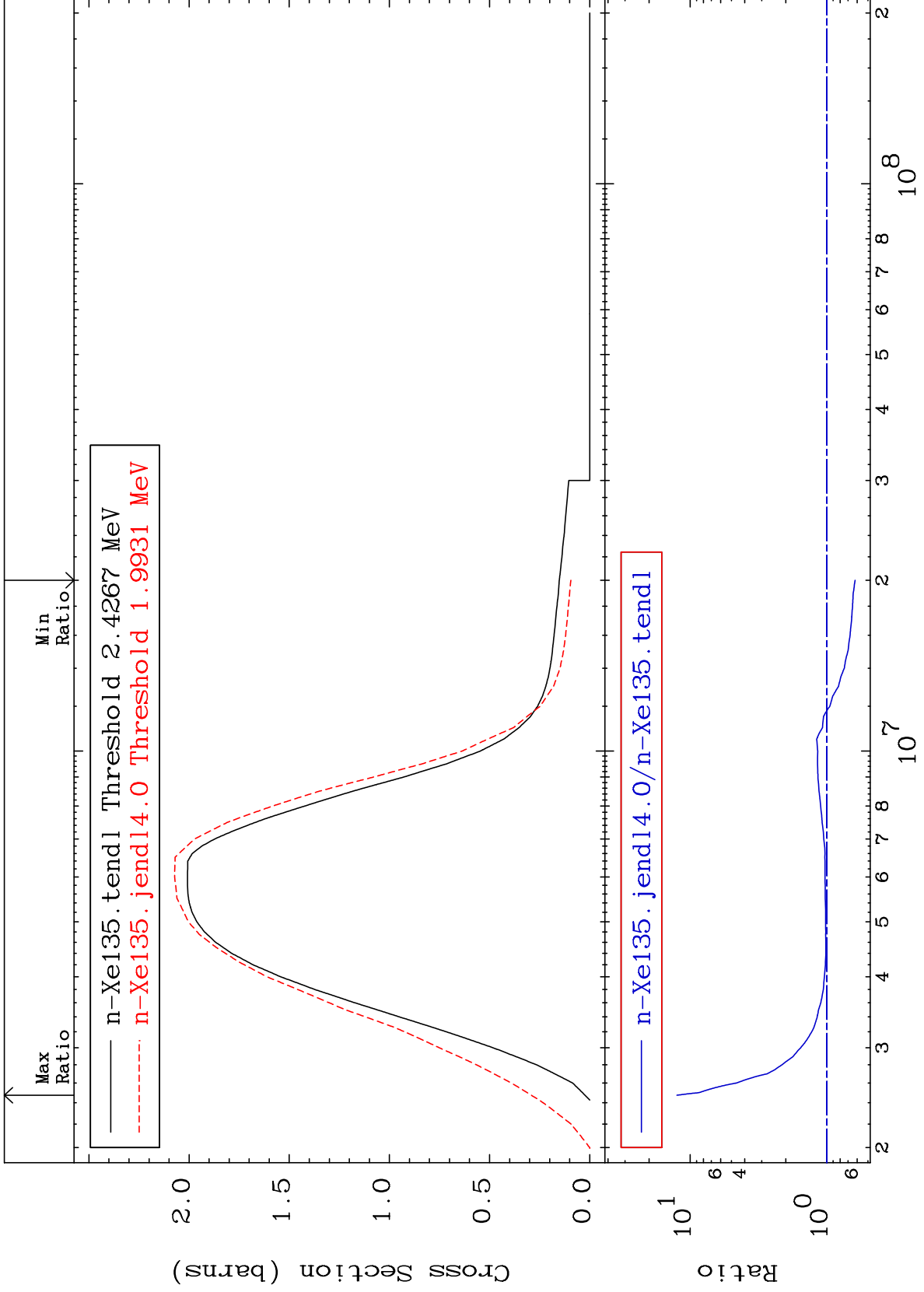
54-Xe-135
-89.59 To 57.32 %

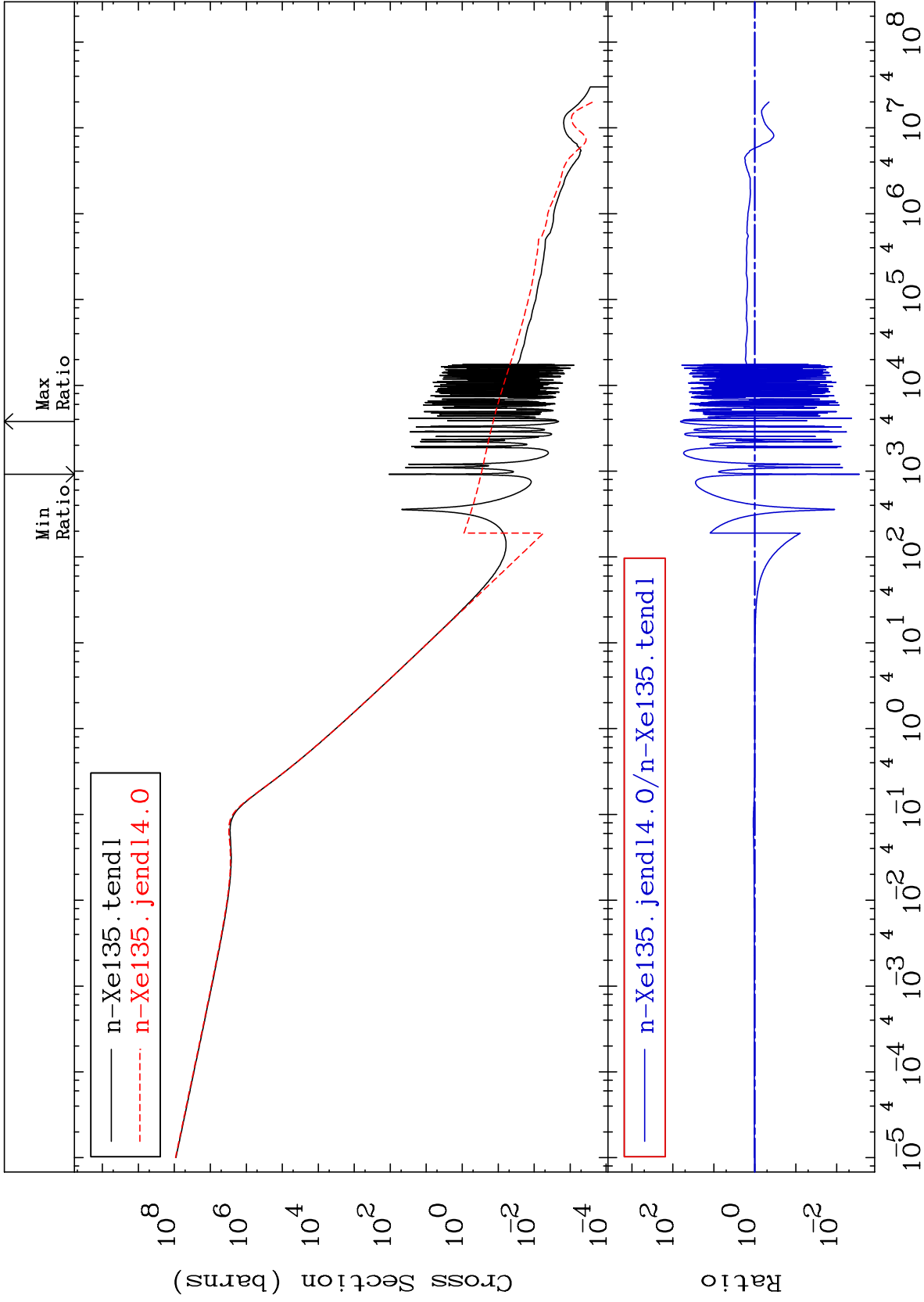


MAT 5458

(n, n') Continuum
Cross Section

54-Xe-135
-37.84 To 1152. %



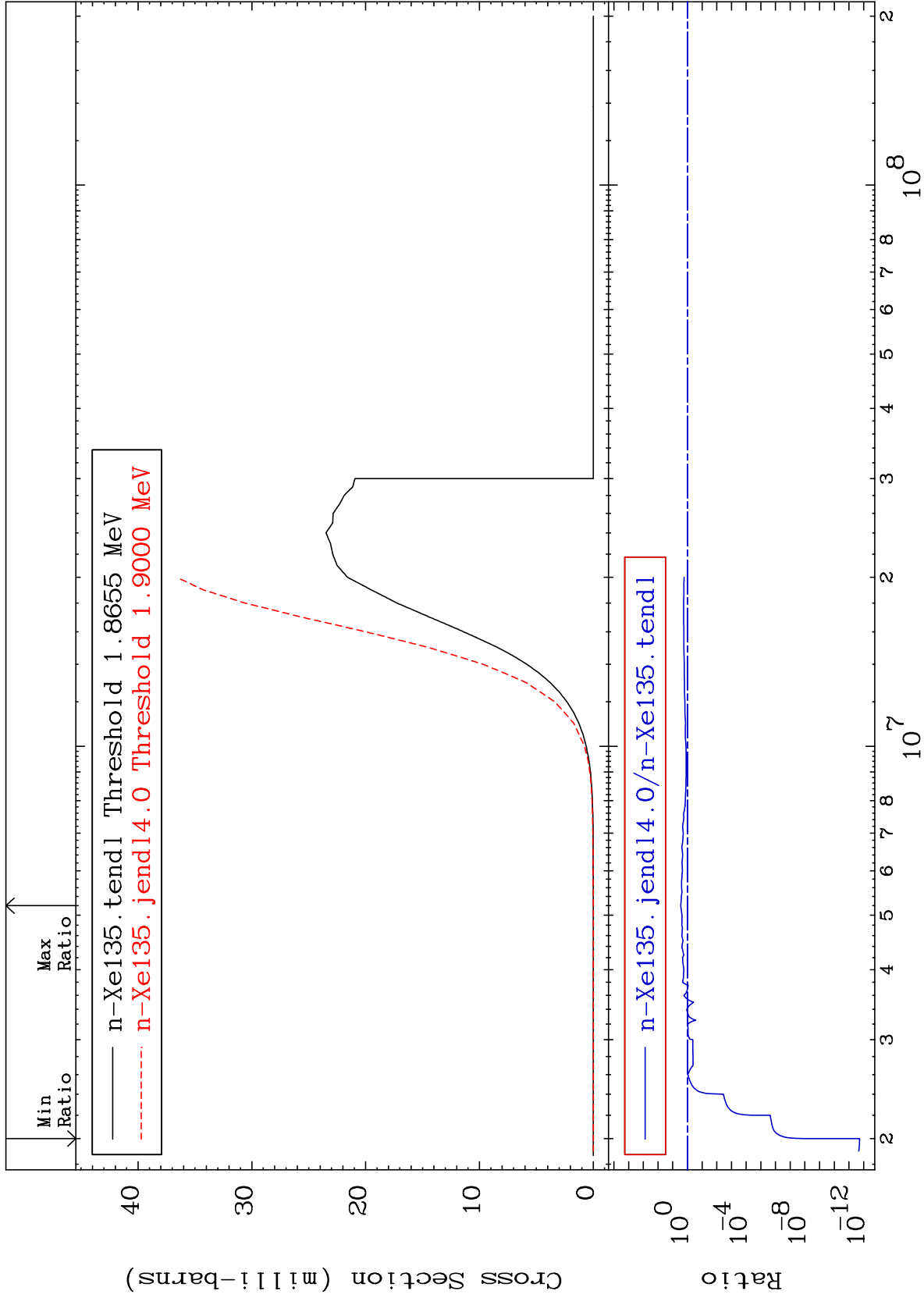


MAT 5458

54-Xe-135

(n,p)
Cross Section

-100.0 To 182.1 %



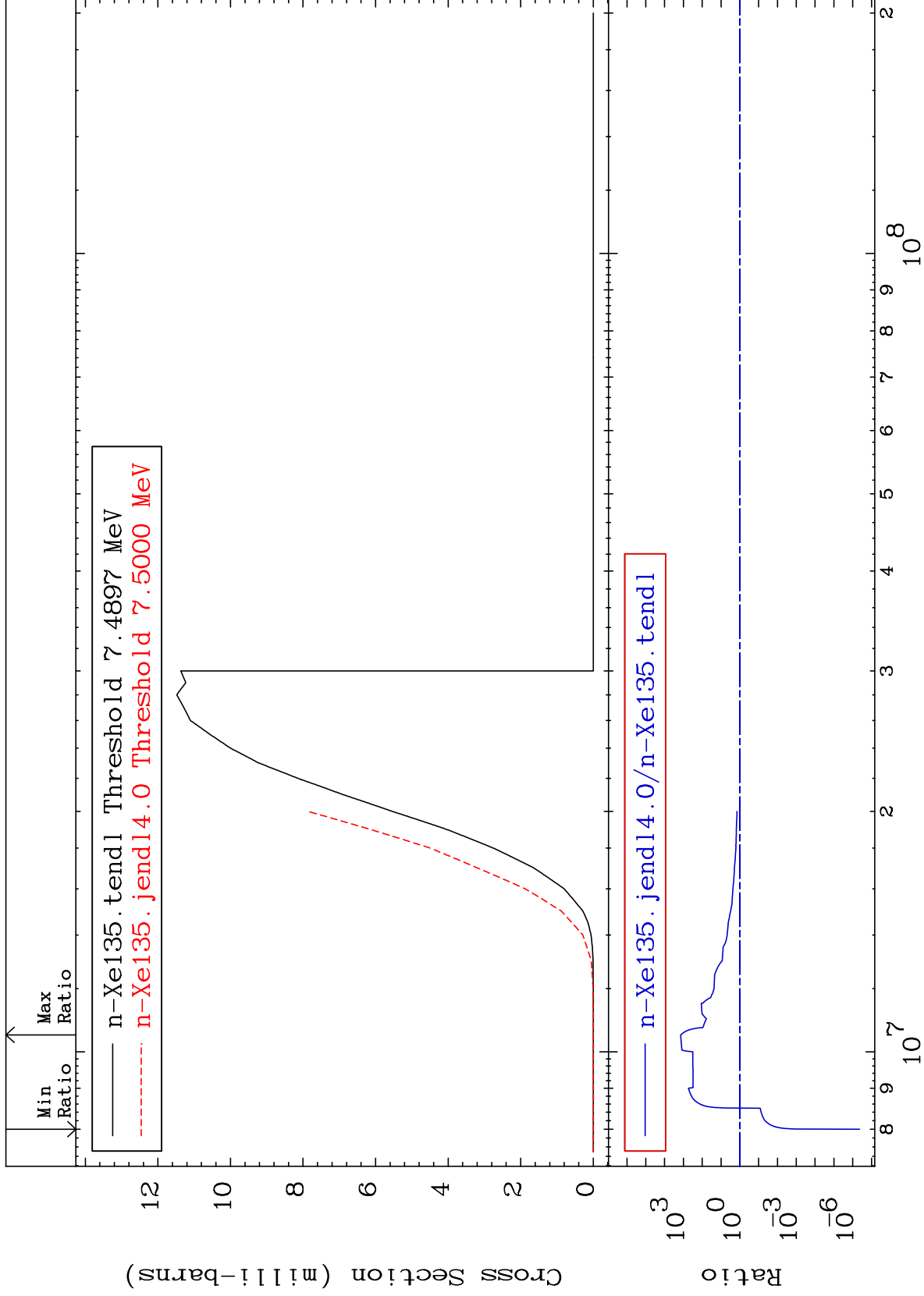
MAT 5458

(n, d)

54-Xe-135

Cross Section

-100.0 To 9999. %



26

Incident Energy (eV)

54-Xe-135

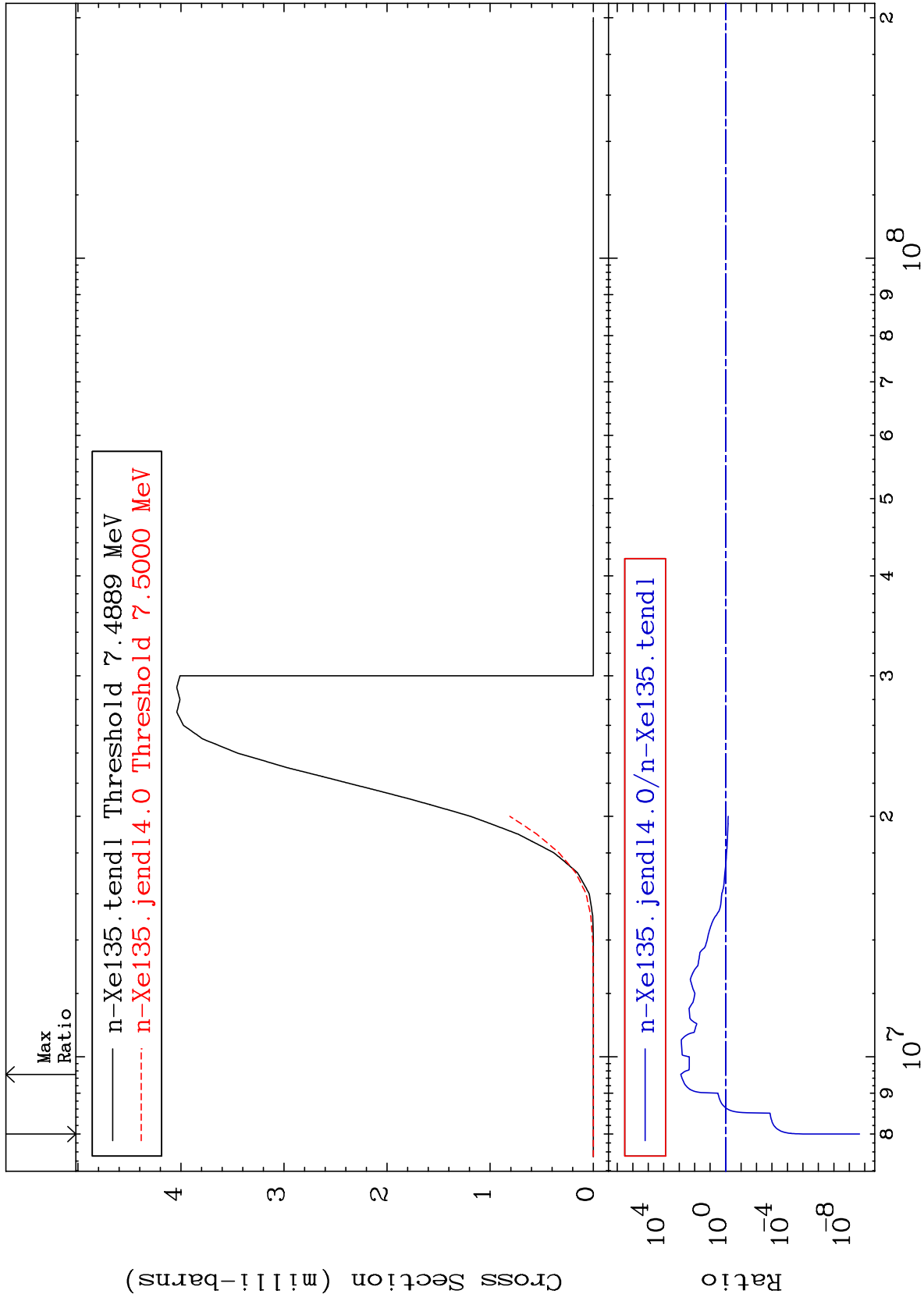
MAT 5458

(n, t)

54-Xe-135

Cross Section

-100.0 To 9999. %



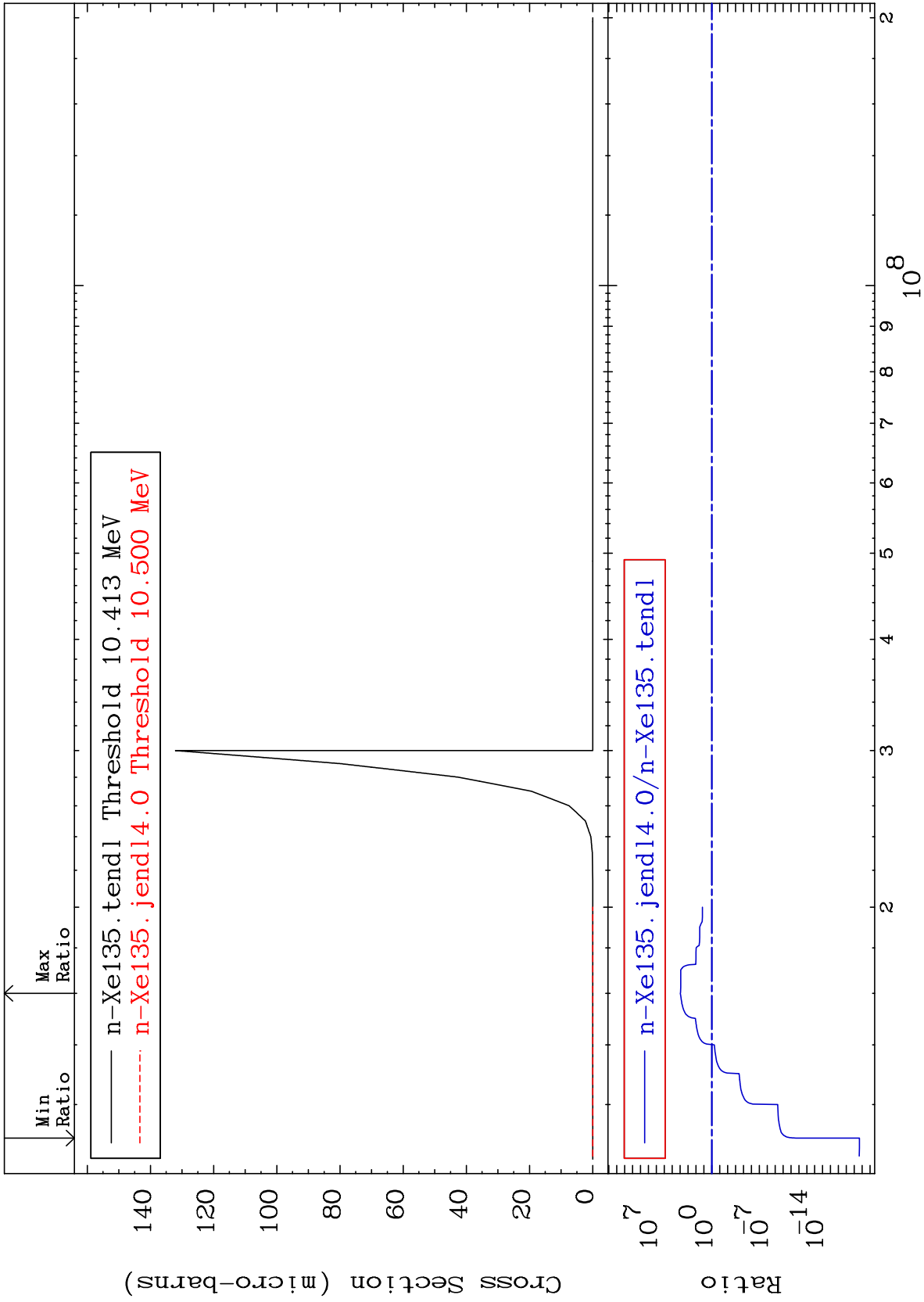
27

Incident Energy (eV)

54-Xe-135

Cross Section

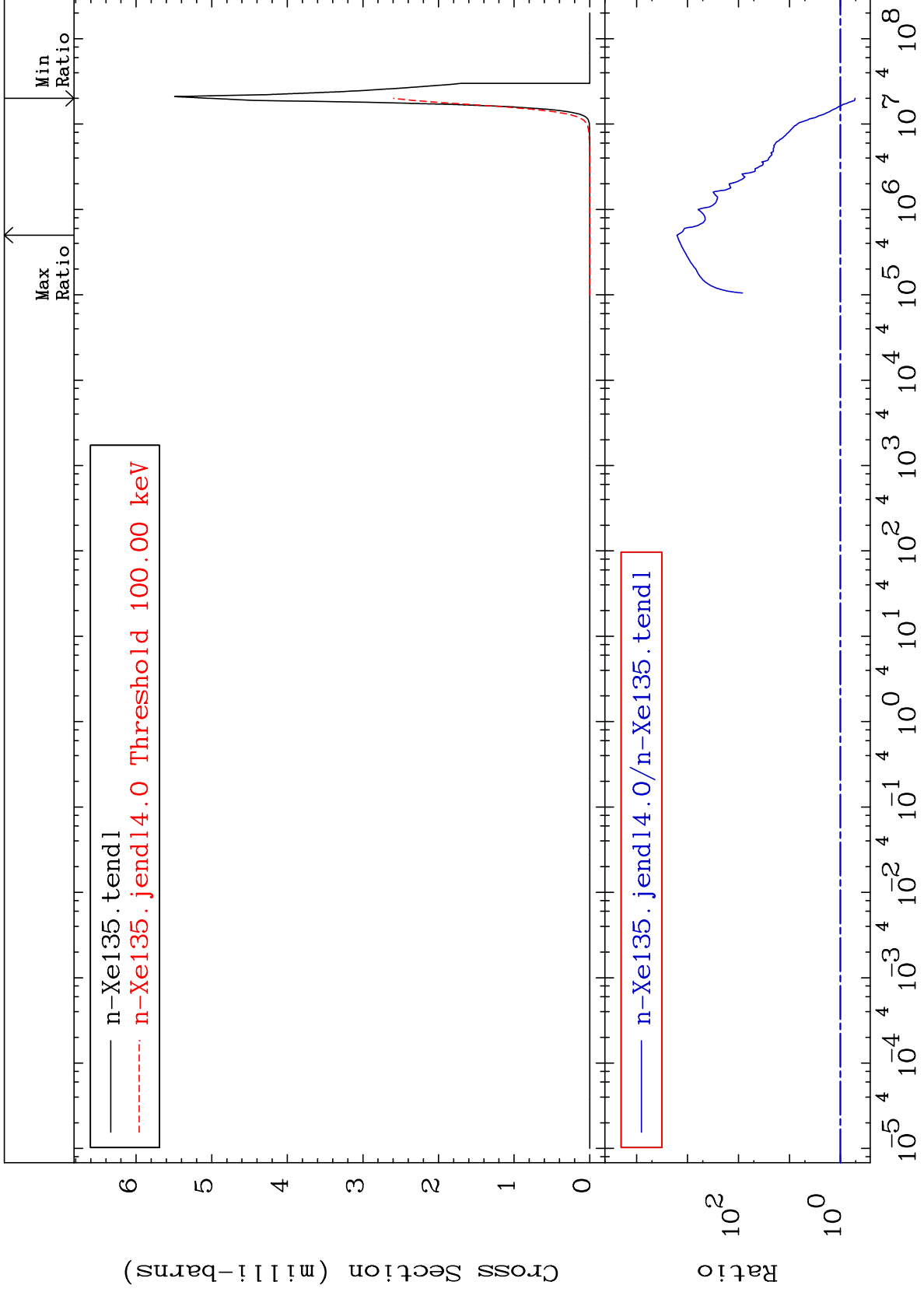
-100.0 To 9999. %

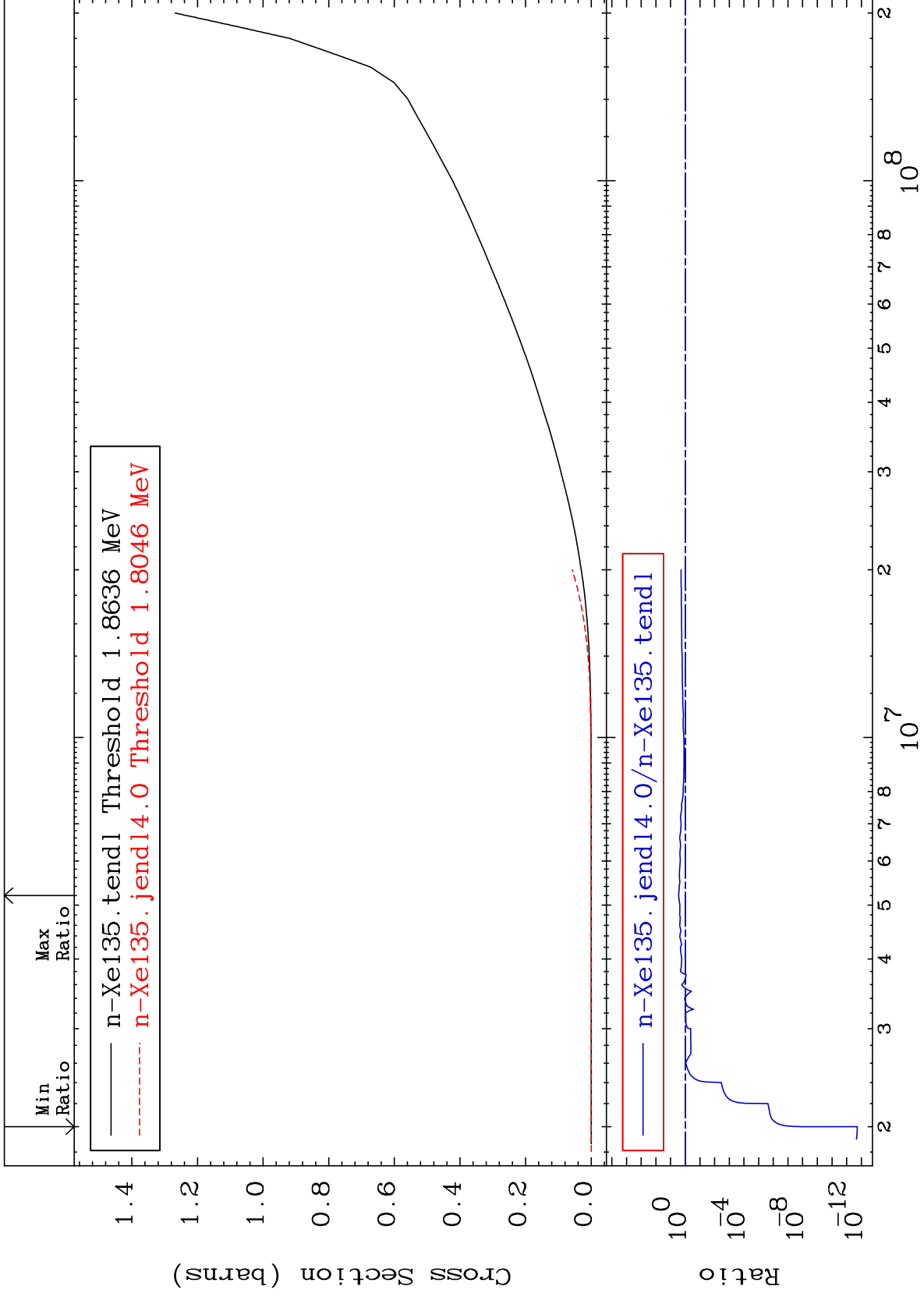


MAT 5458

(n, α)
Cross Section

54-Xe-135
-48.40 To 9999. %

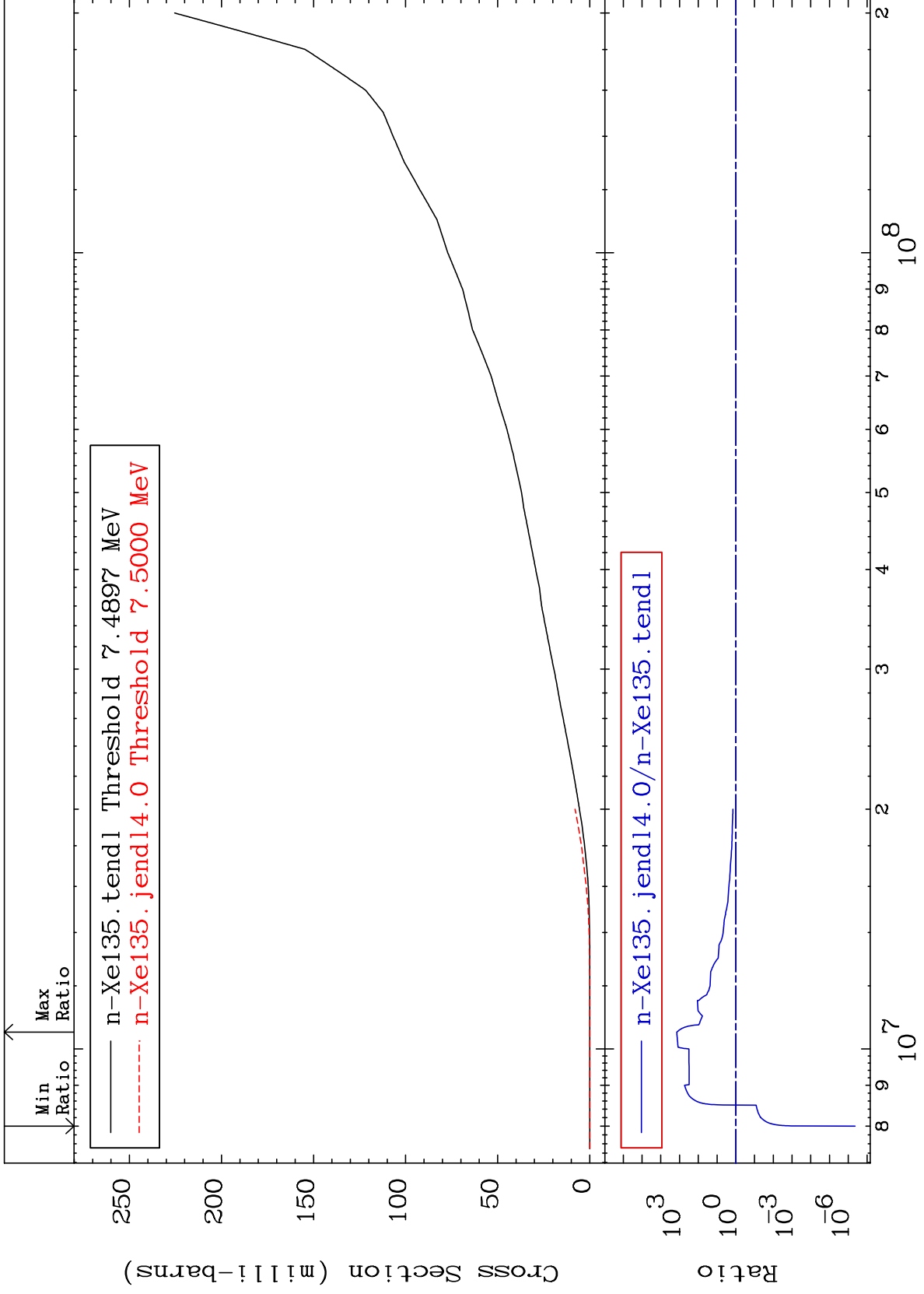




MAT 5458

Deuterium Production
Cross Section

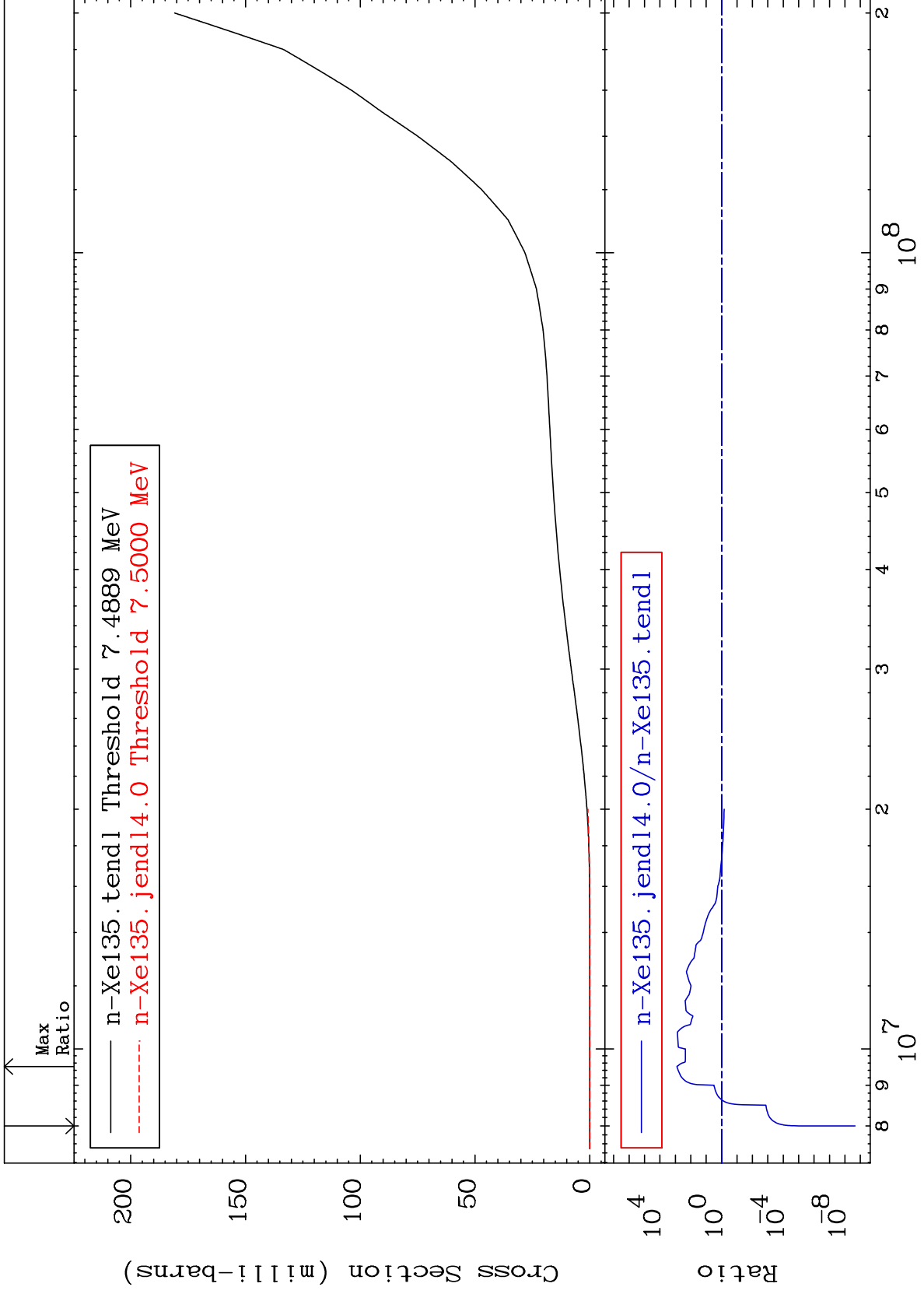
54-Xe-135
-100.0 To 9999. %



MAT 5458

Tritium Production
Cross Section

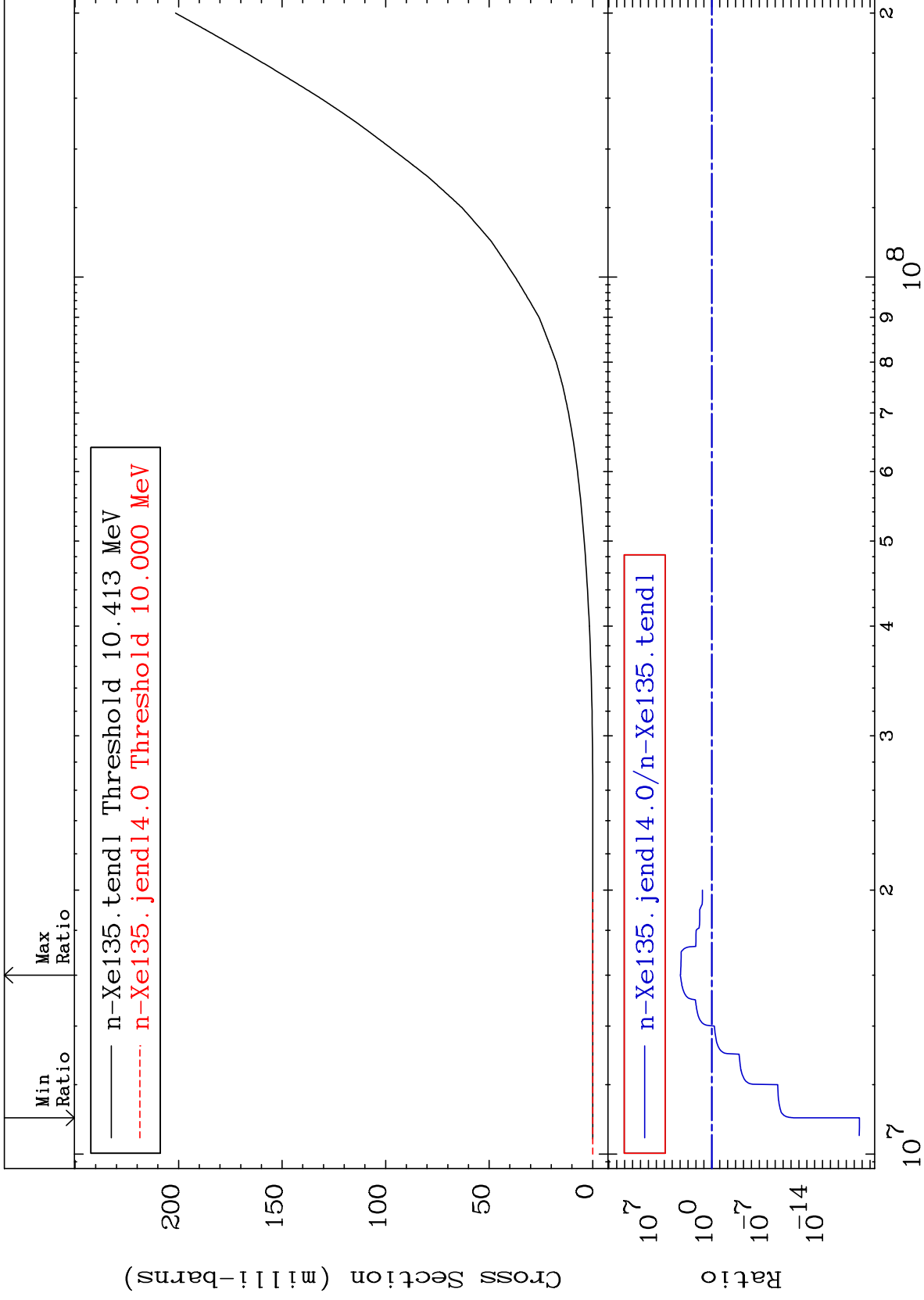
54-Xe-135
-100.0 To 9999. %



MAT 5458

He-3 Production
Cross Section

54-Xe-135
-100.0 To 9999. %



33

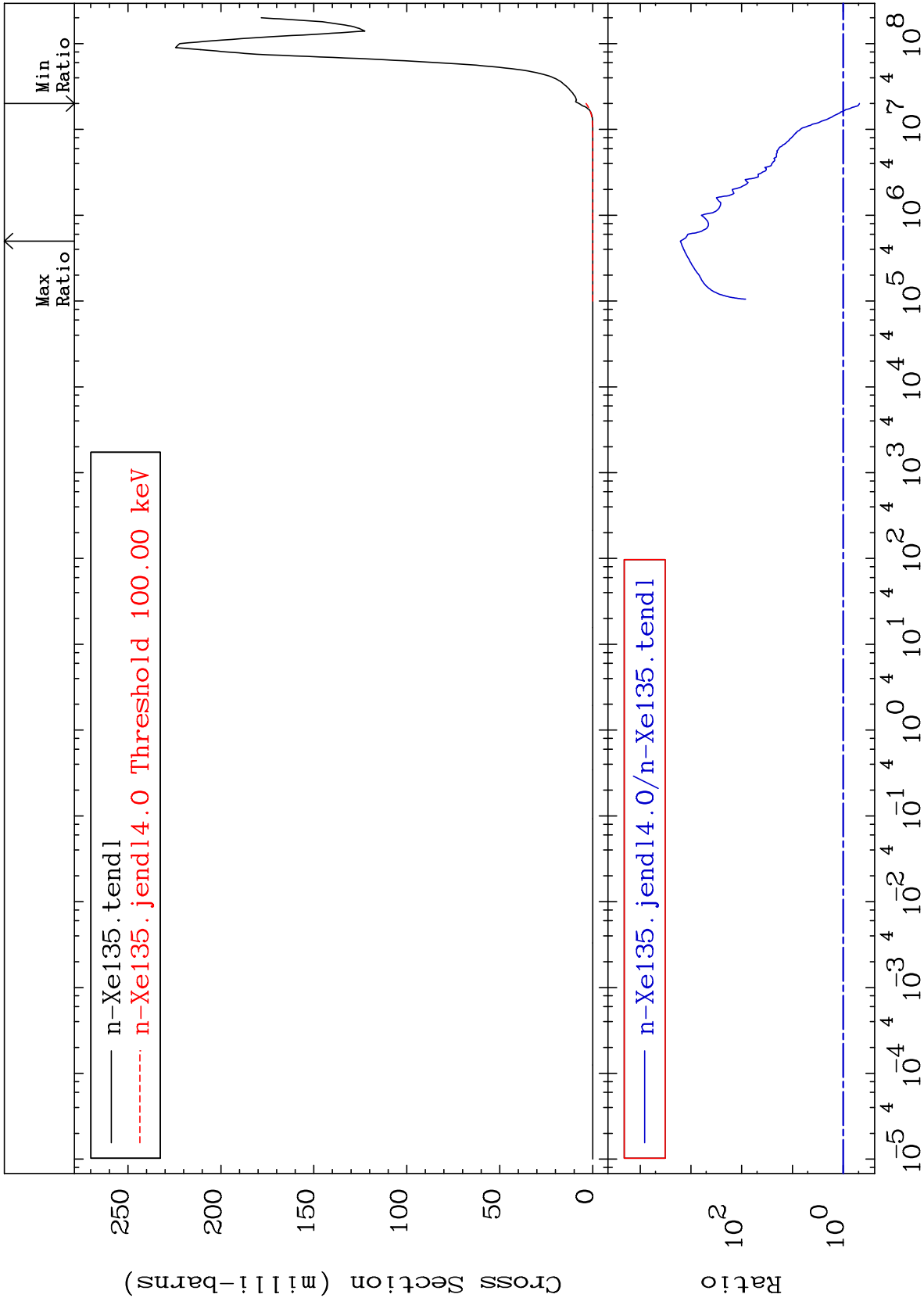
Incident Energy (eV)

54-Xe-135

MAT 5458

He-4 Production
Cross Section

54-Xe-135
-52.08 To 9999. %



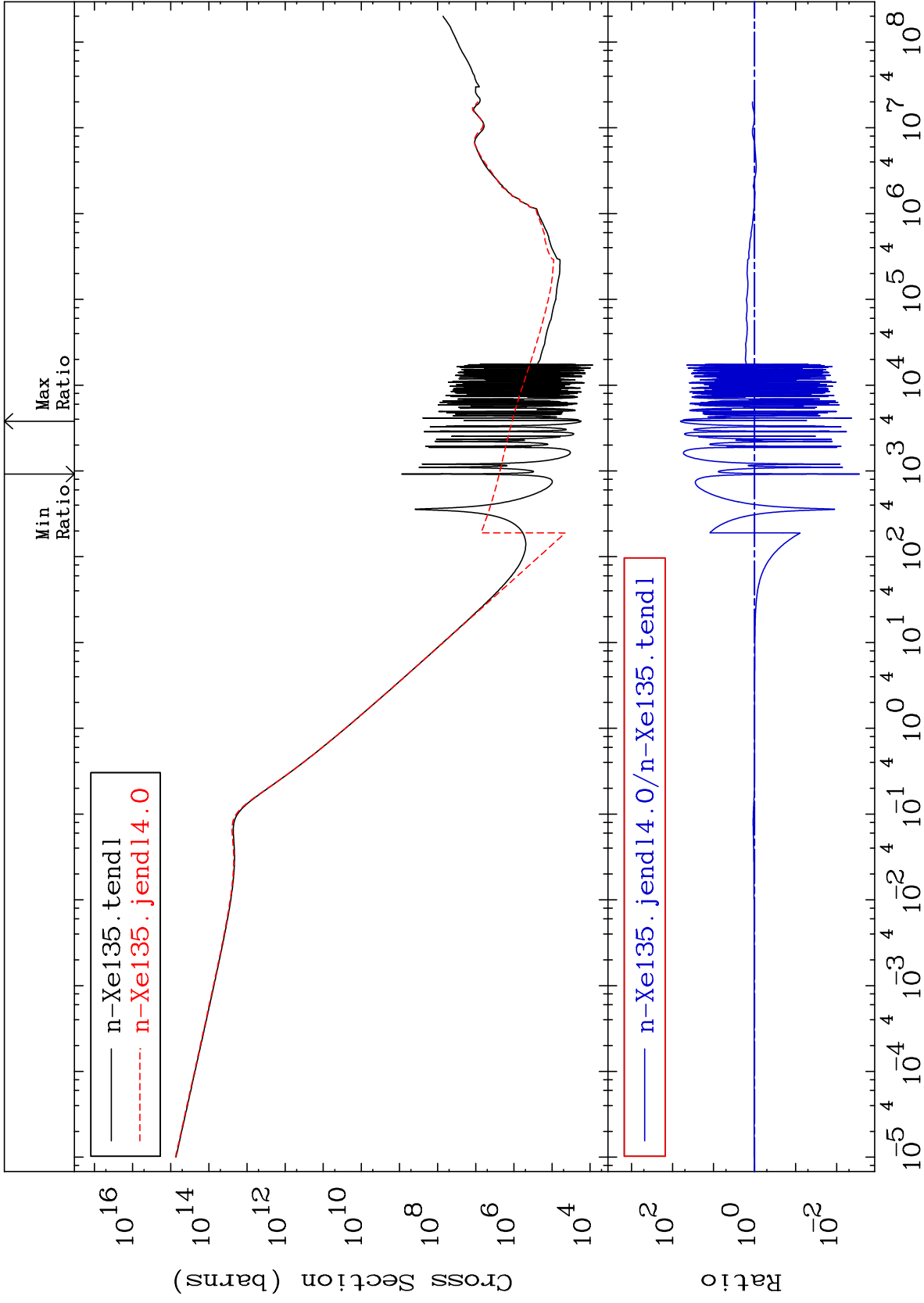
34

Incident Energy (eV)

54-Xe-135

Cross Section

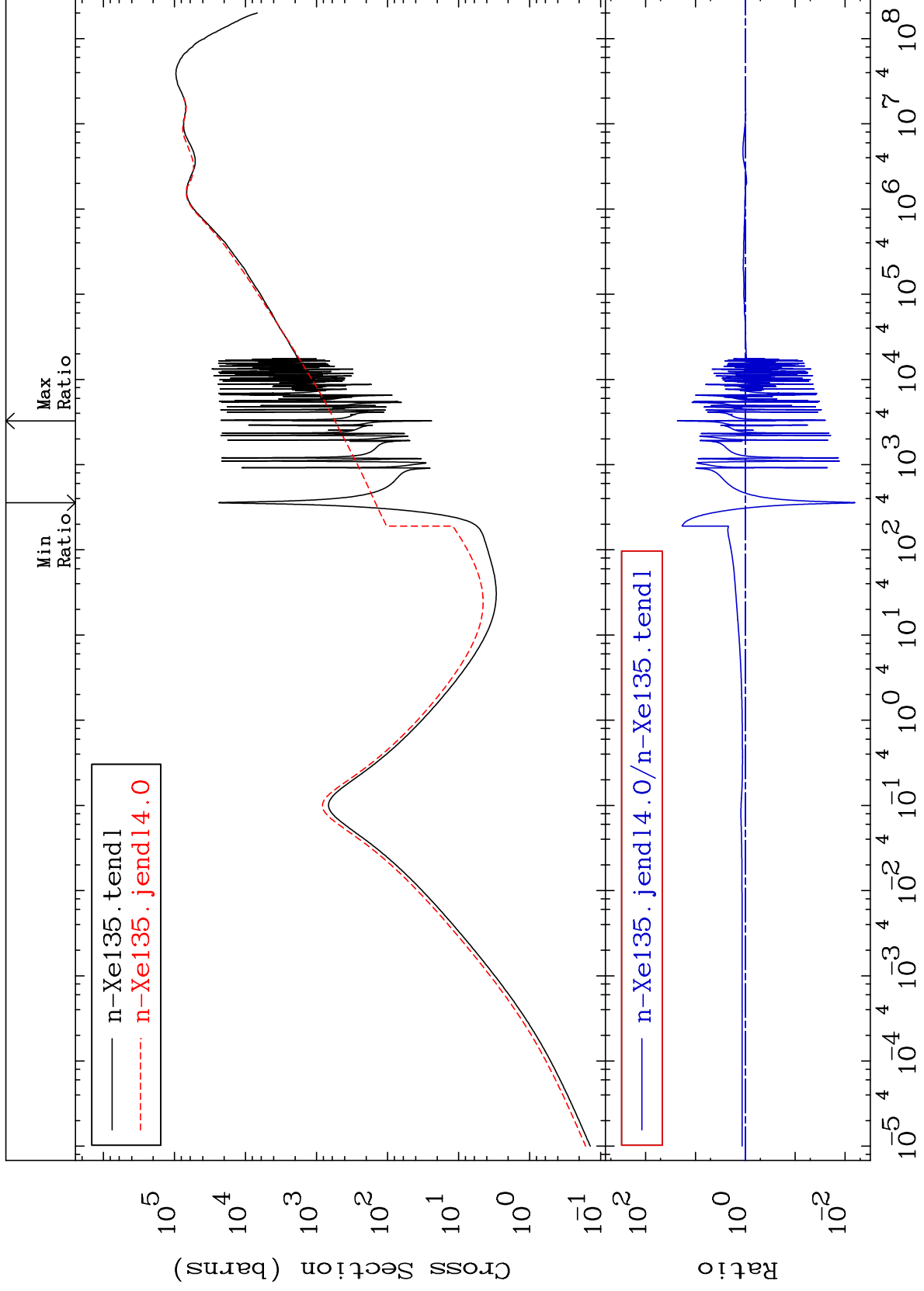
-99.72 To 6339. %



MAT 5458

Kerma elastic
Cross Section

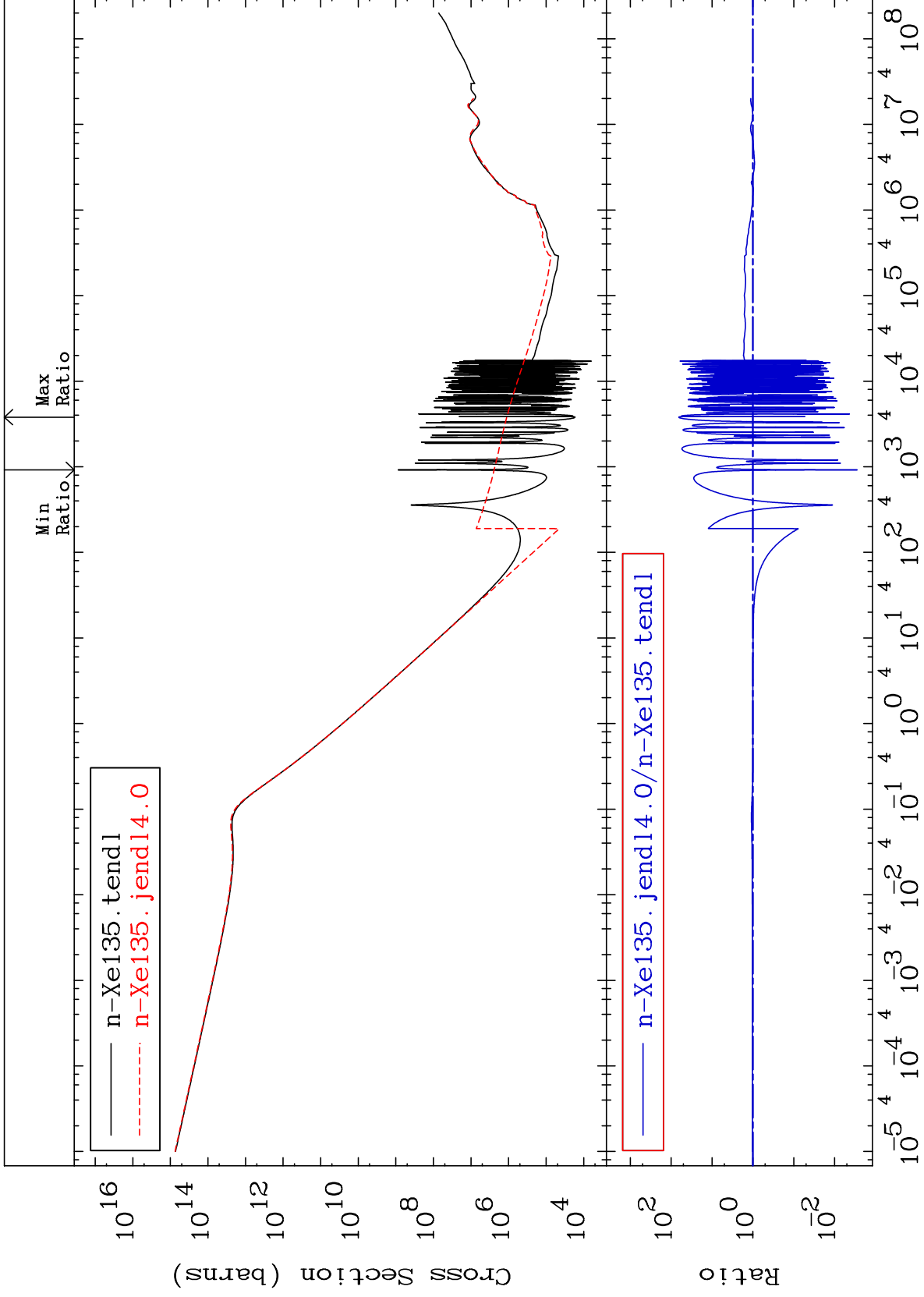
54-Xe-135
-99.37 To 2211. %



36

Incident Energy (eV)

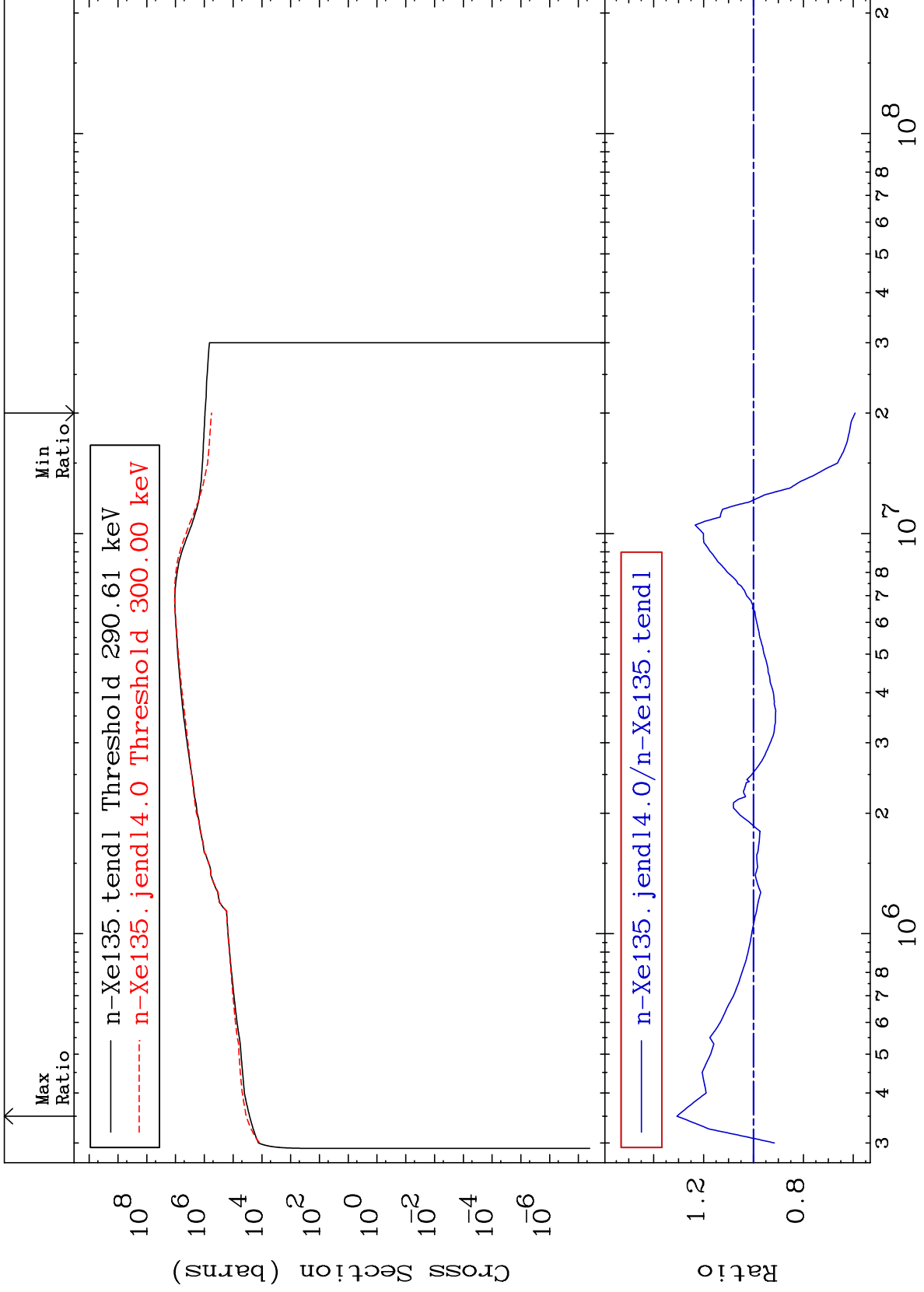
54-Xe-135



MAT 5458

Kerma inelastic (mt51-91)
Cross Section

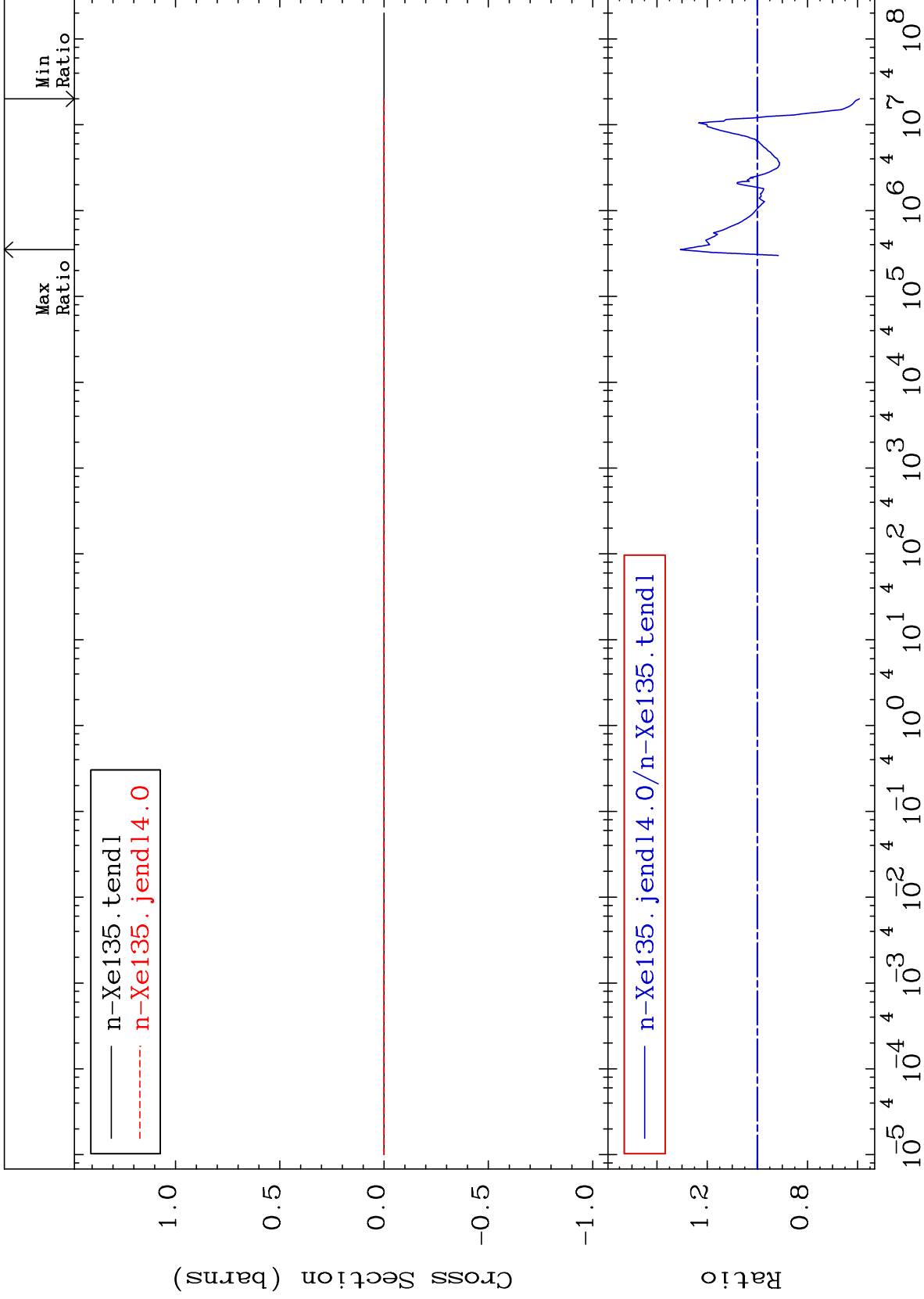
54-Xe-135
-40.74 To 30.67 %



MAT 5458

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

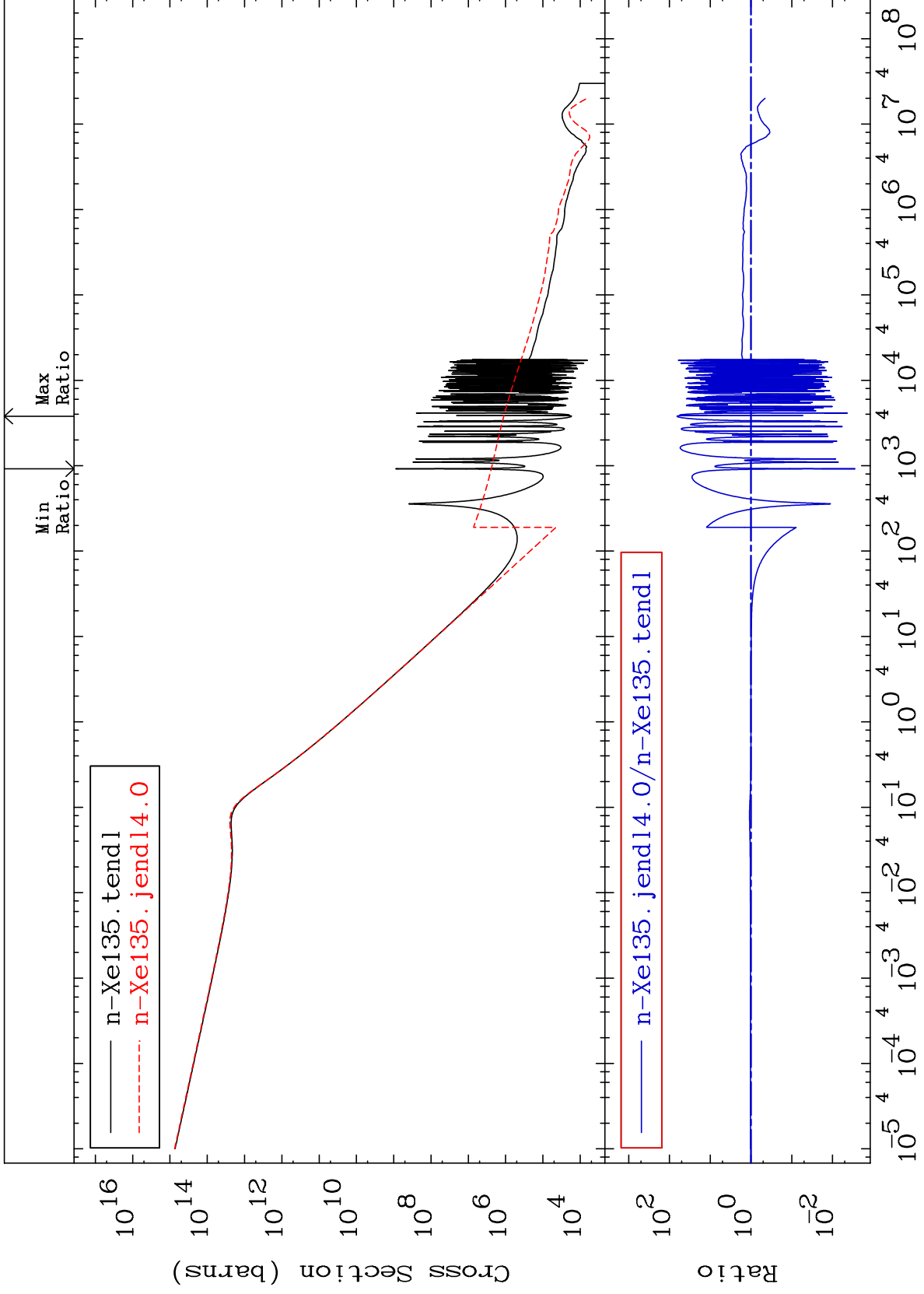
54-Xe-135
-40.74 To 30.67 %



MAT 5458

Kerma capture (mt102)
Cross Section

54-Xe-135
-99.72 To 6453. %



40

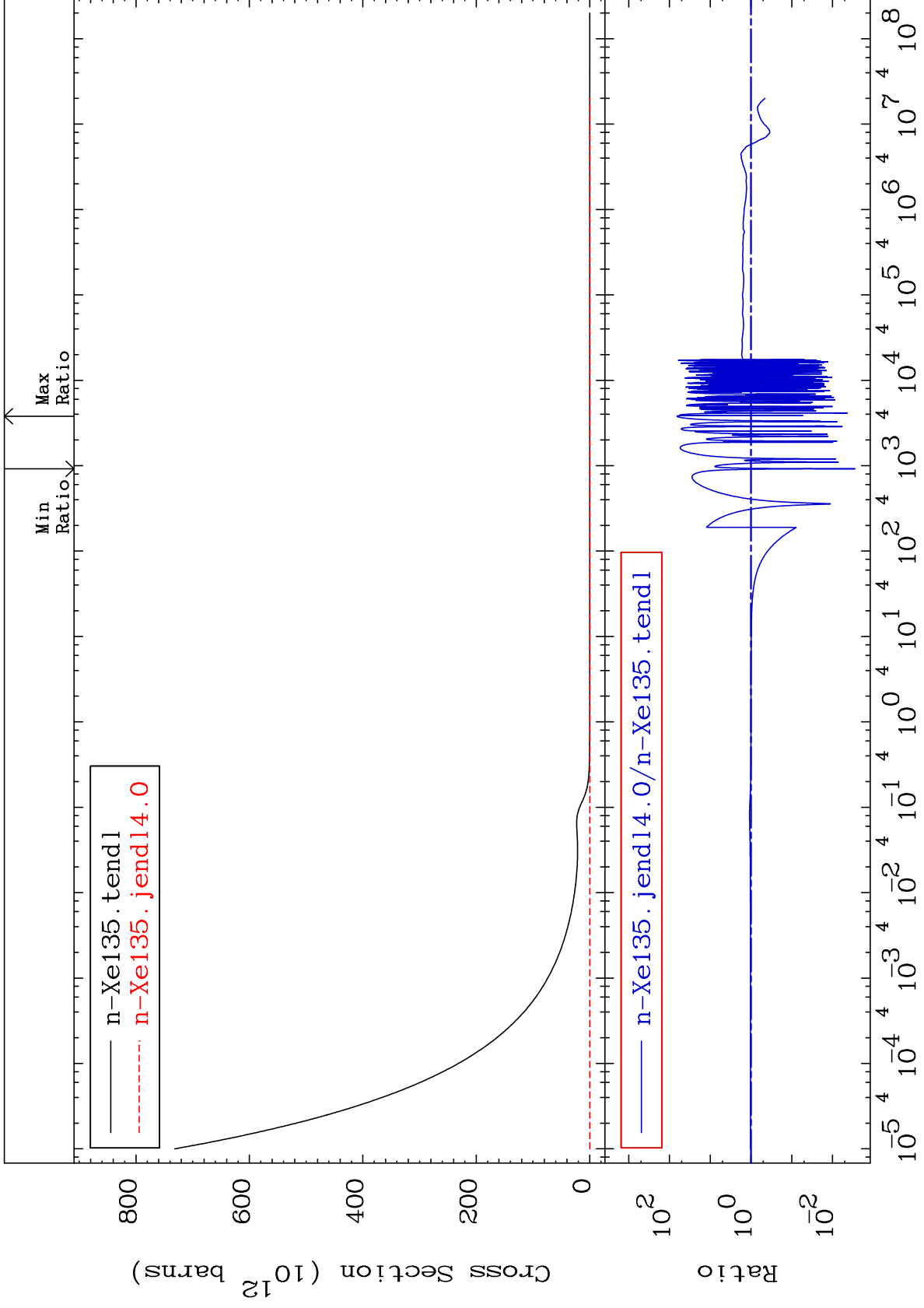
Incident Energy (eV)

54-Xe-135

MAT 5458

Total photon (eV-barns)
Cross Section

54-Xe-135
-99.72 To 6453. %



41

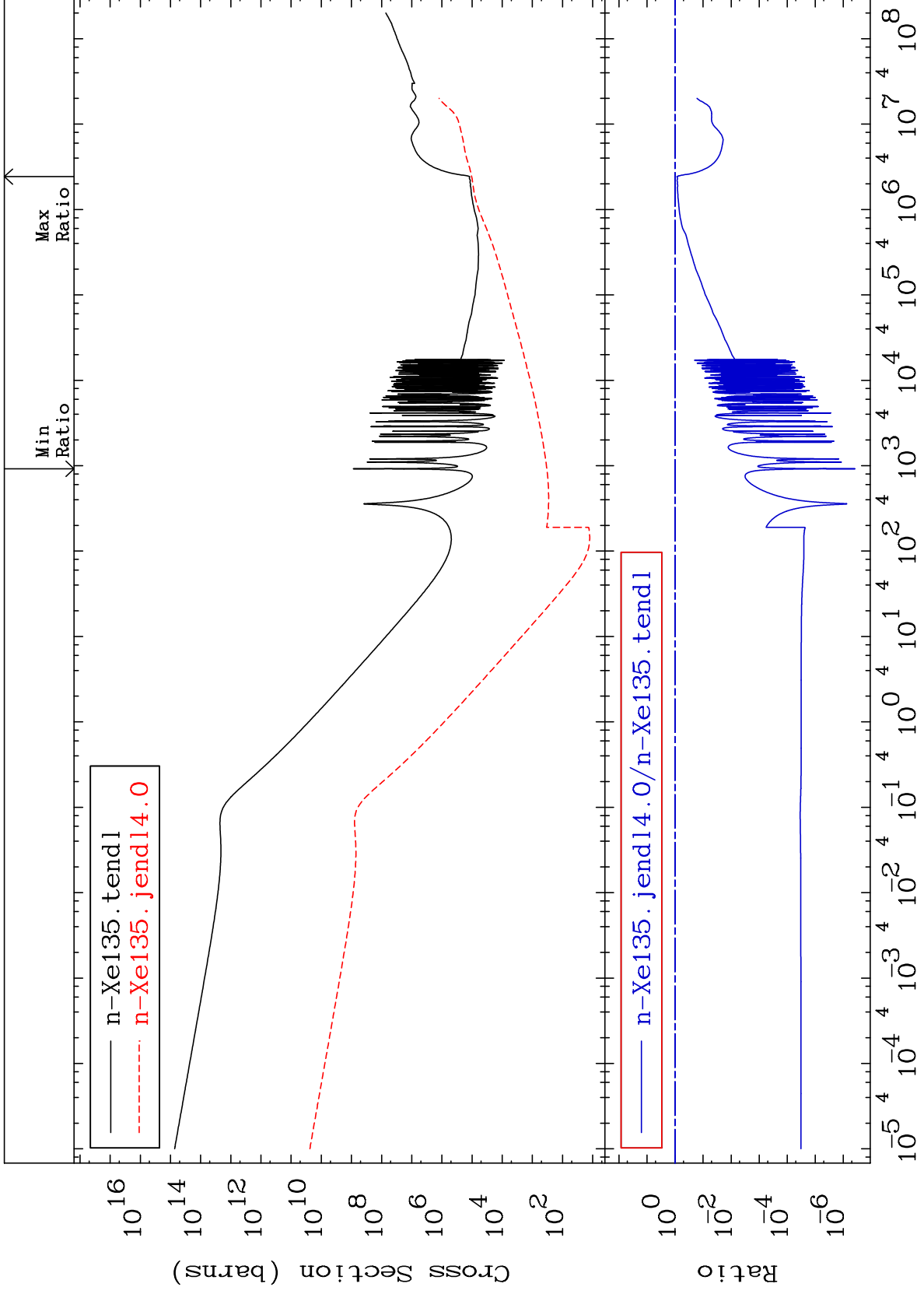
Incident Energy (eV)

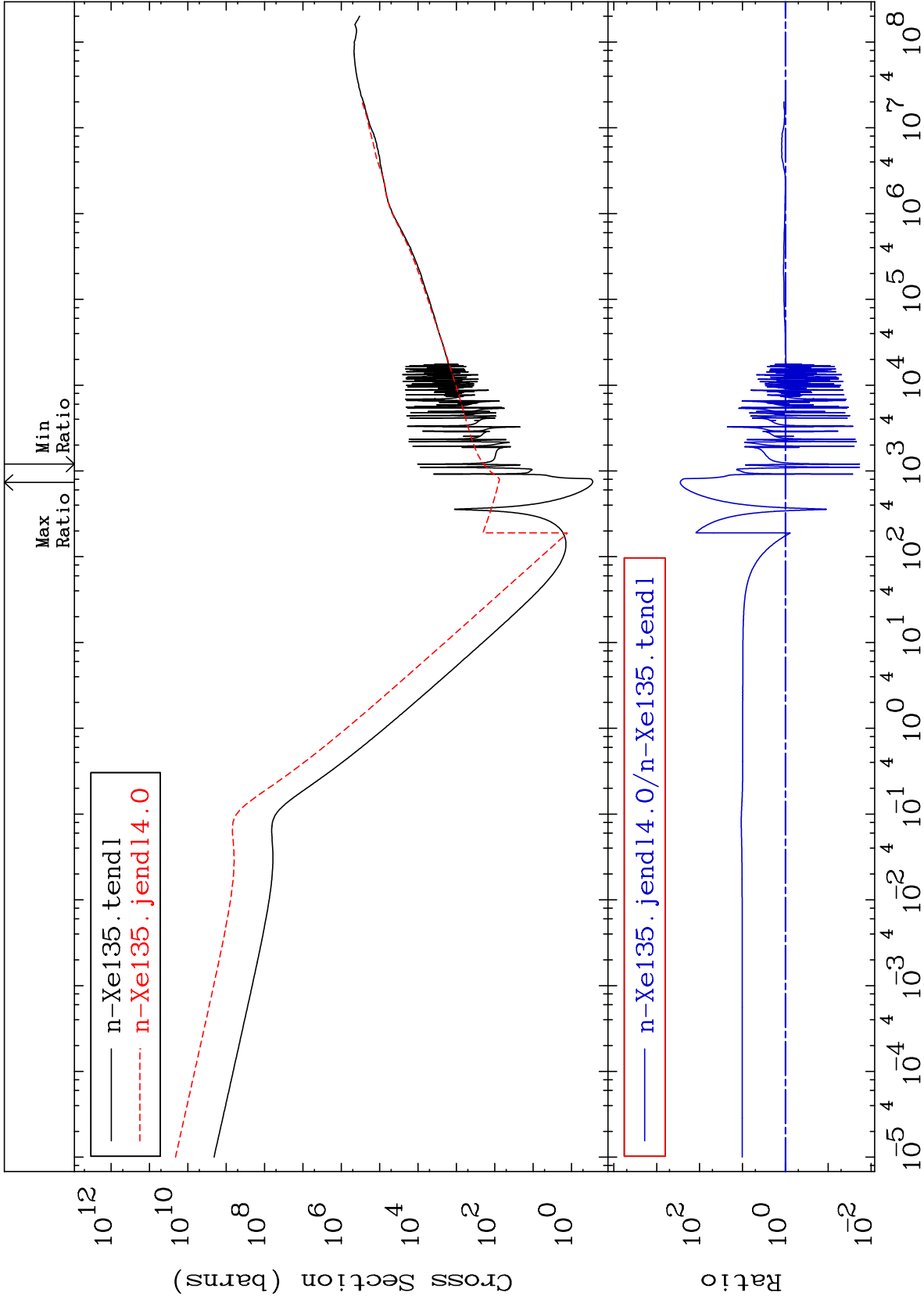
54-Xe-135

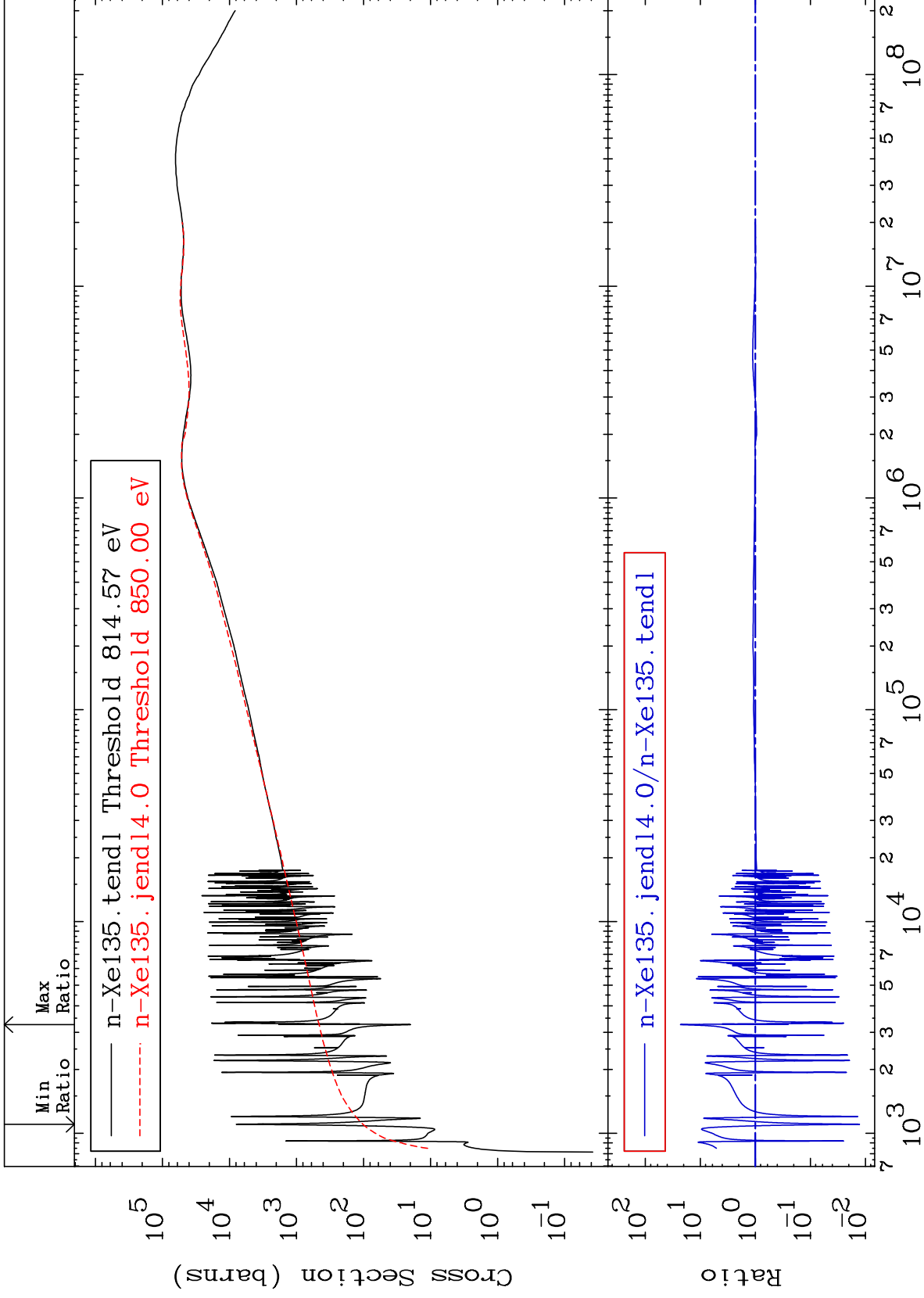
MAT 5458

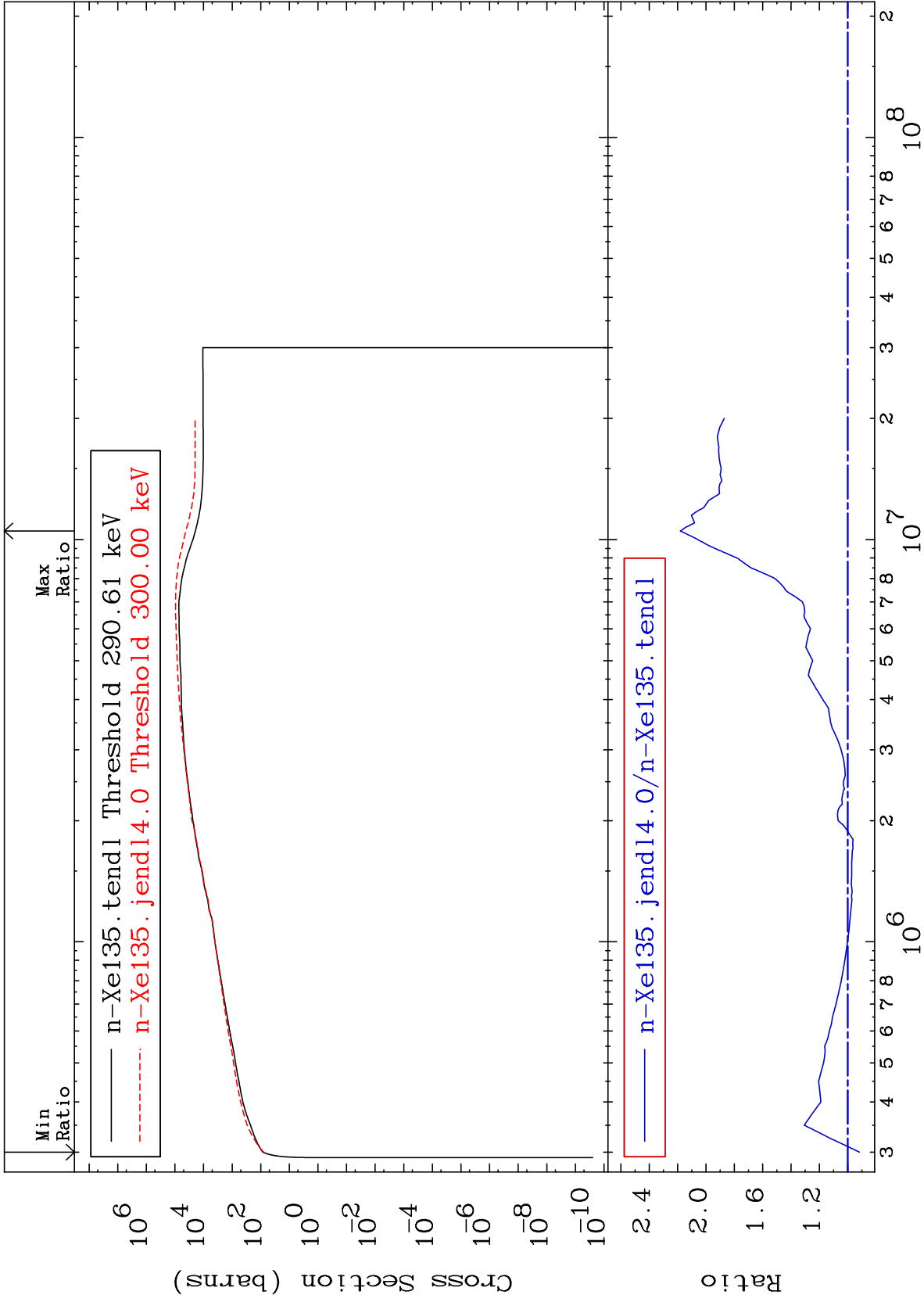
Total kinematic kerma (high limit)
Cross Section

54-Xe-135
-100.0 To -14.32%









MAT 5458

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-135
-97.18 To 9999. %

