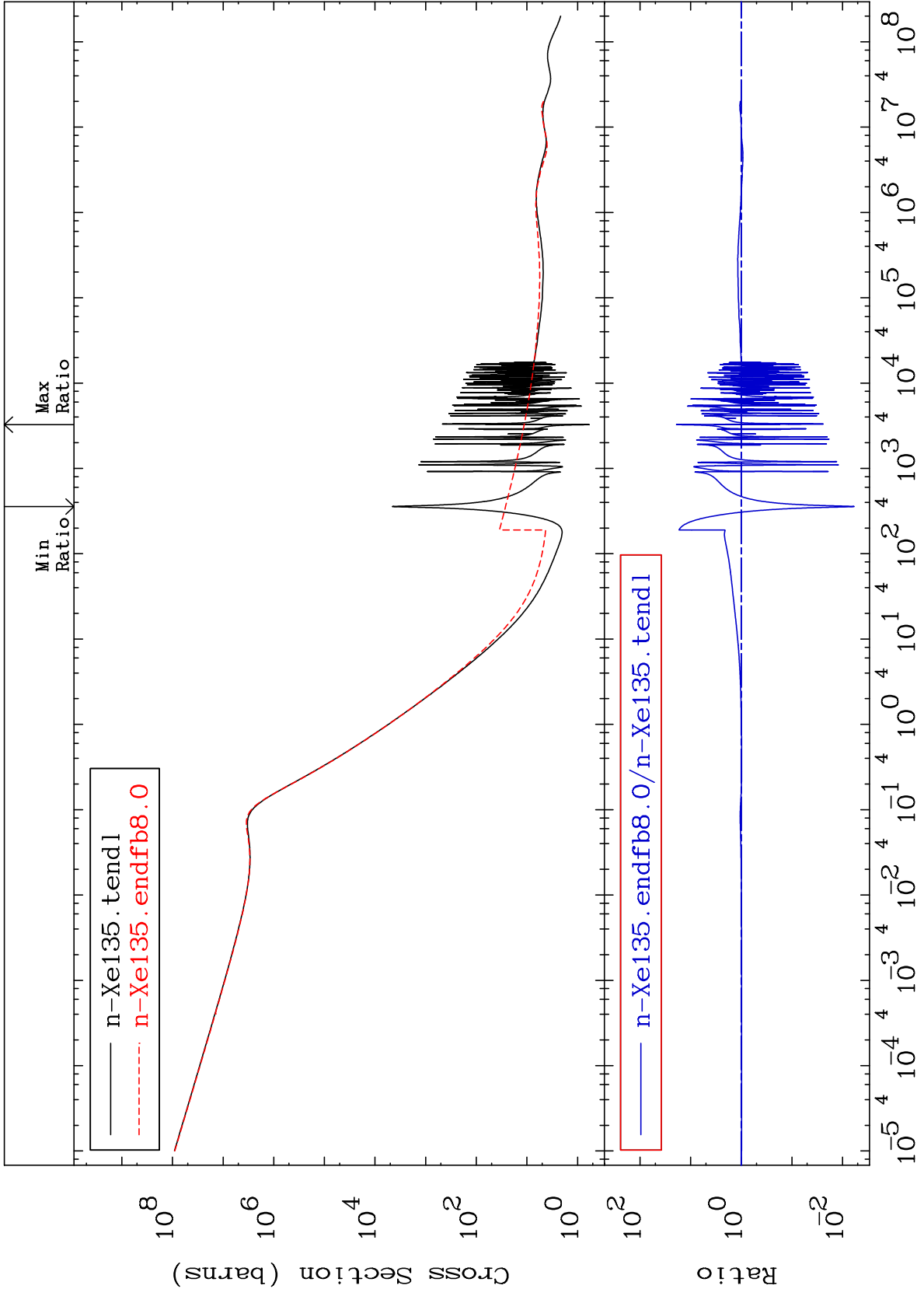


MAT 5458

Total
Cross Section

54-Xe-135
-99.42 To 1818. %



— n-Xe135.tendl
- - - n-Xe135.endfb8.0

— n-Xe135.endfb8.0/n-Xe135.tendl

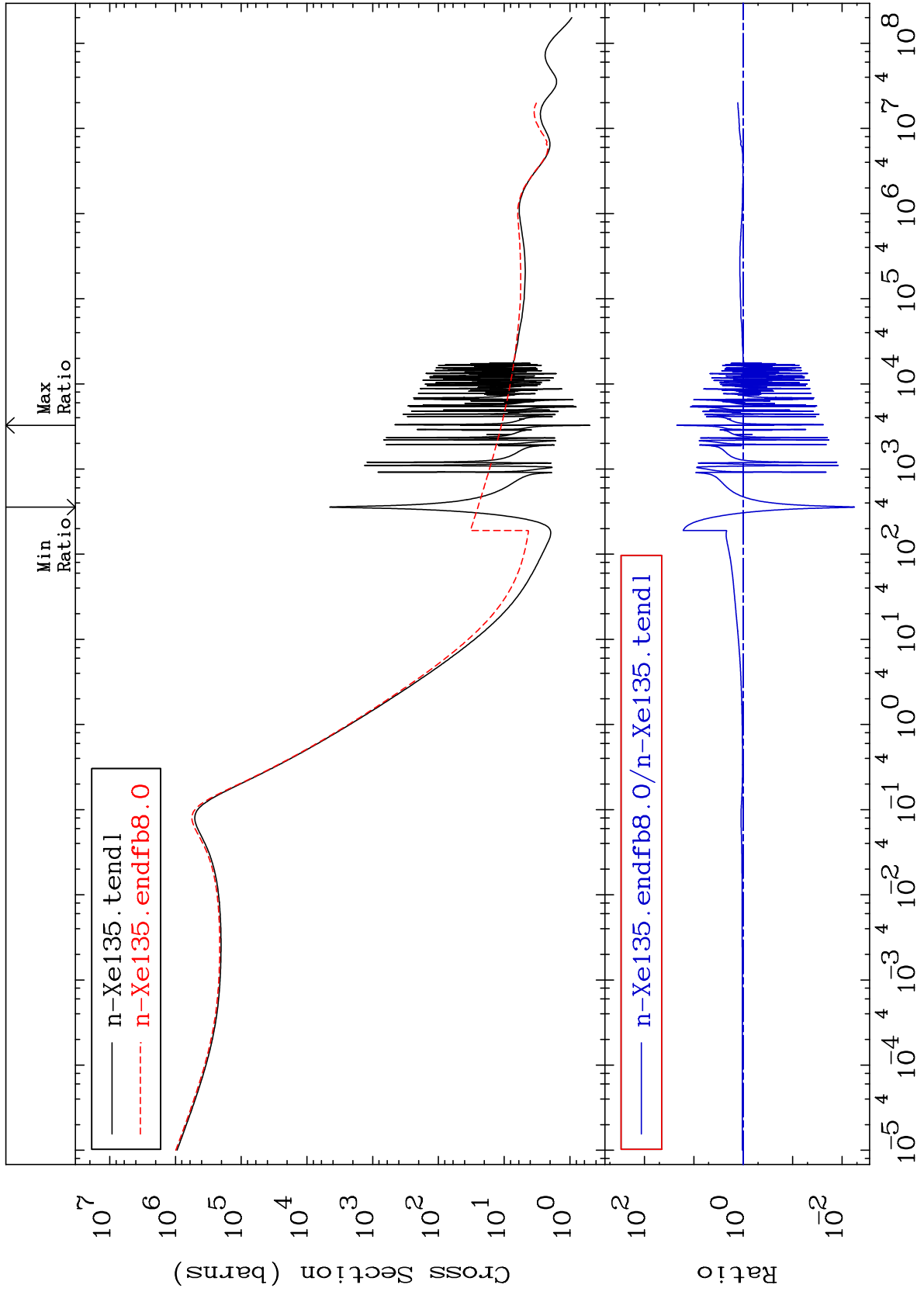
Incident Energy (eV)

54-Xe-135

MAT 5458

Elastic
Cross Section

54-Xe-135
-99.44 To 2112. %



Incident Energy (eV)

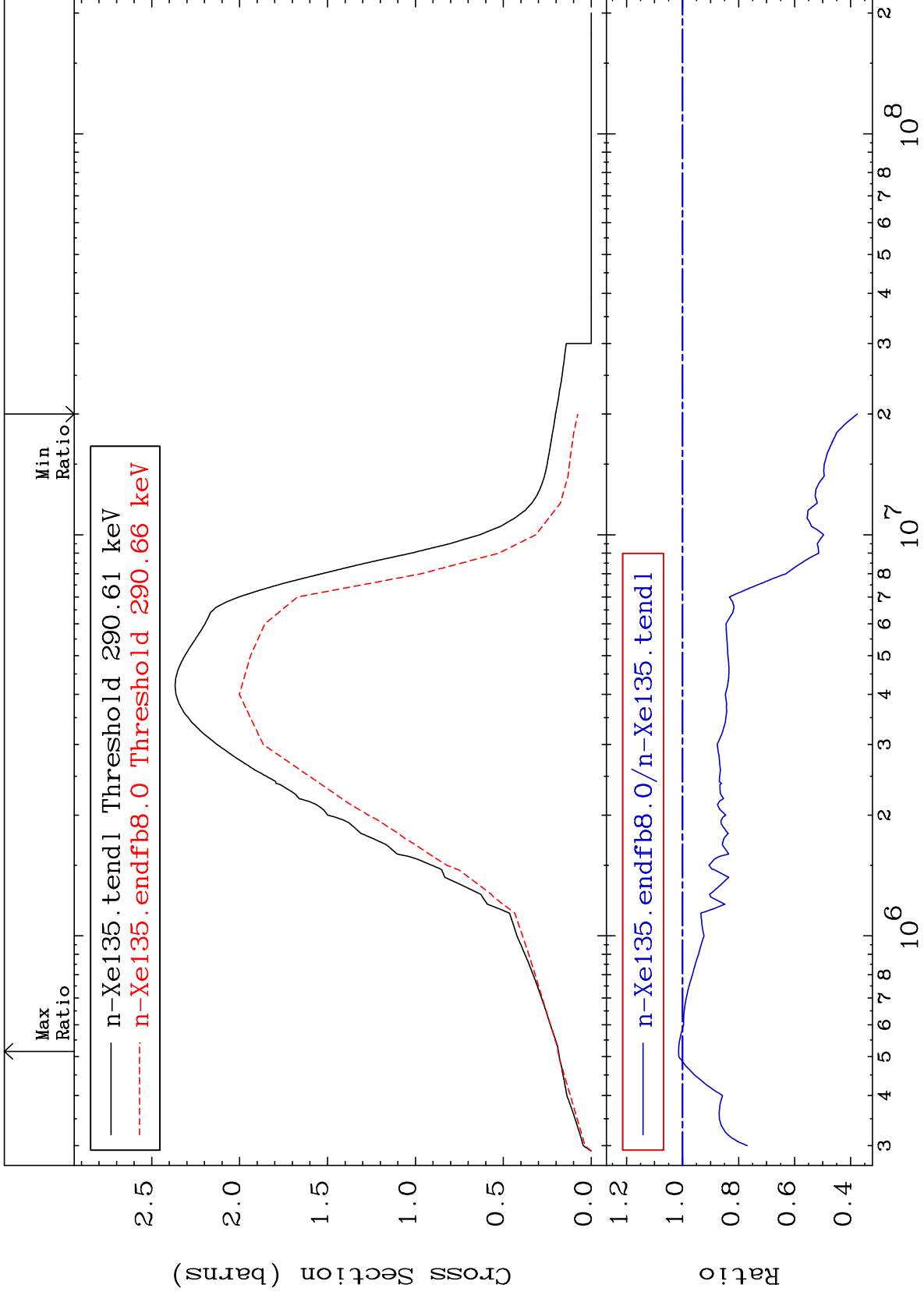
54-Xe-135

2

MAT 5458

Inelastic
Cross Section

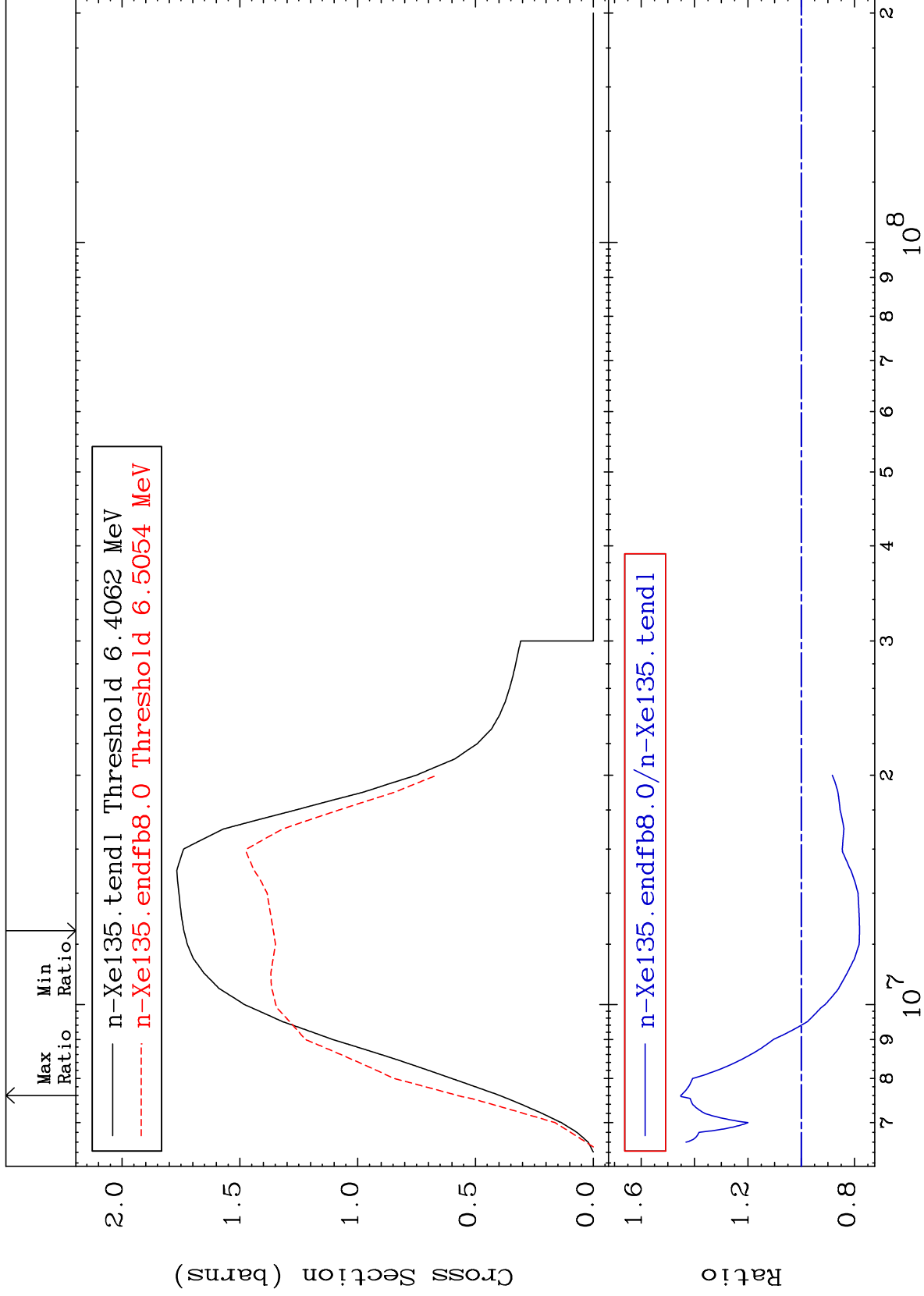
54-Xe-135
-62.35 To 1.405 %



MAT 5458

(n,2n)
Cross Section

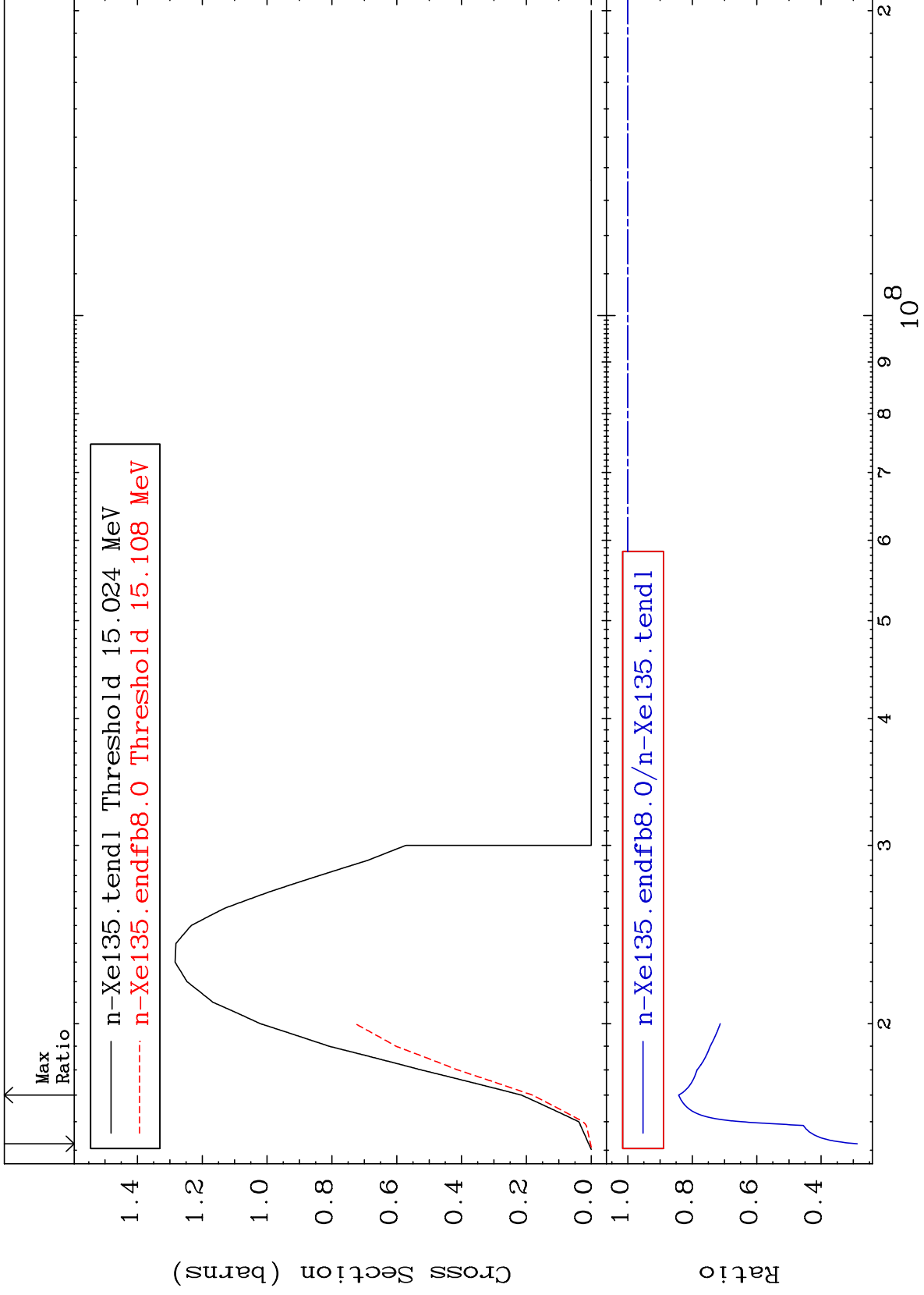
54-Xe-135
-21.85 To 45.17 %



MAT 5458

(n,3n)
Cross Section

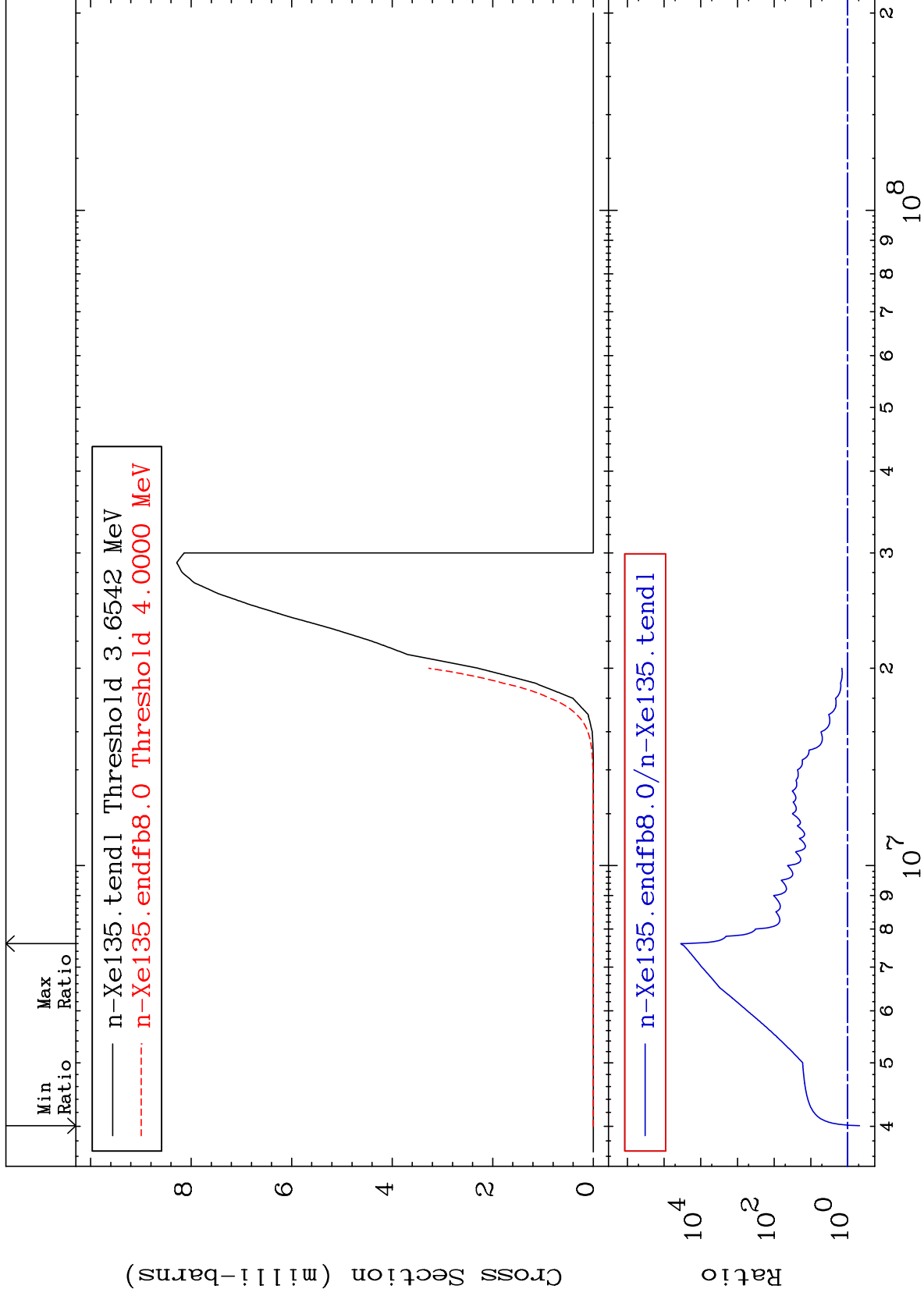
54-Xe-135
-71.21 To -15.76%



MAT 5458

(n,n') α
Cross Section

54-Xe-135
-52.81 To 9999. %



6

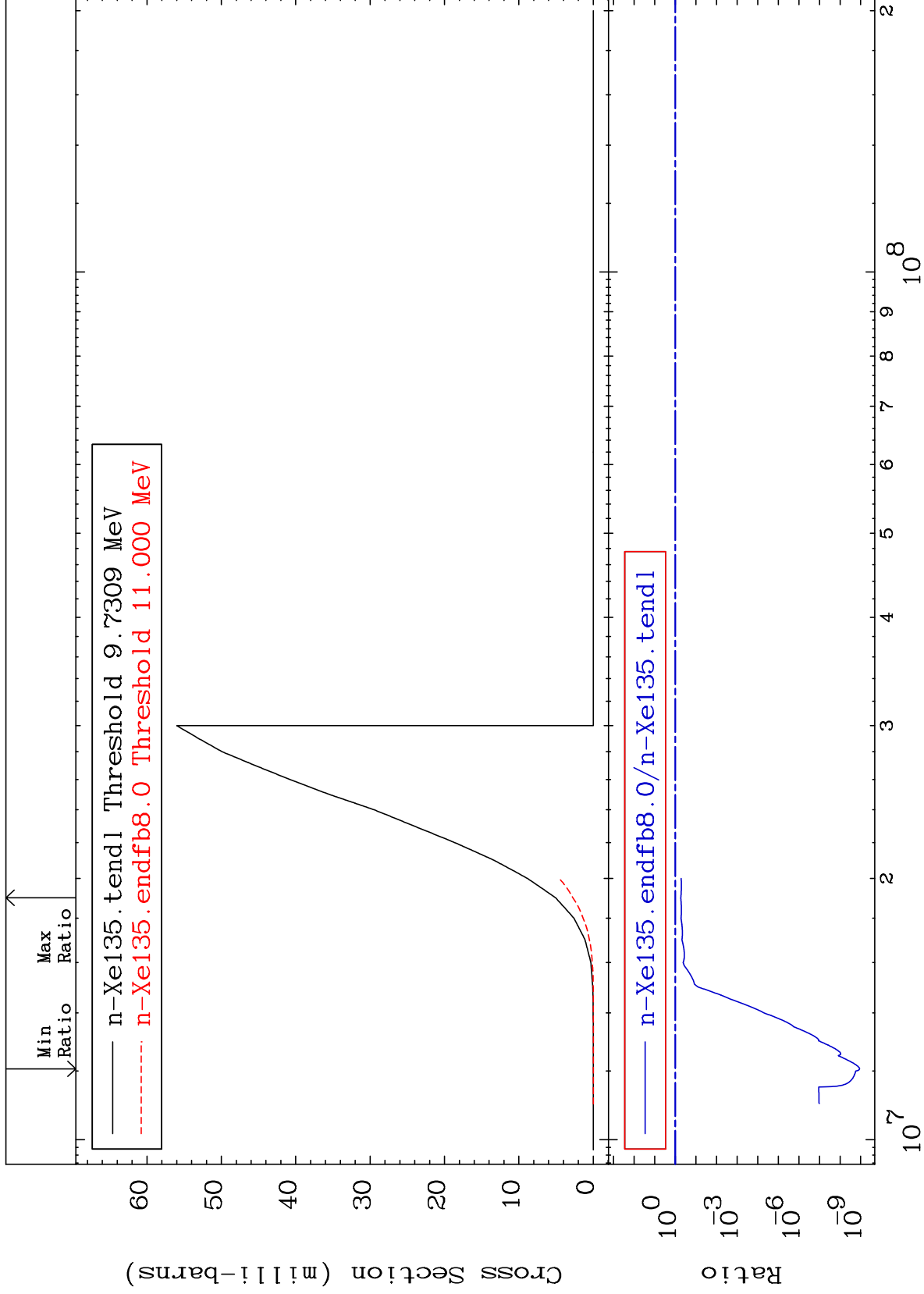
Incident Energy (eV)

54-Xe-135

MAT 5458

(n,n') p
Cross Section

54-Xe-135
-100.0 To -45.93%



Incident Energy (eV)

54-Xe-135

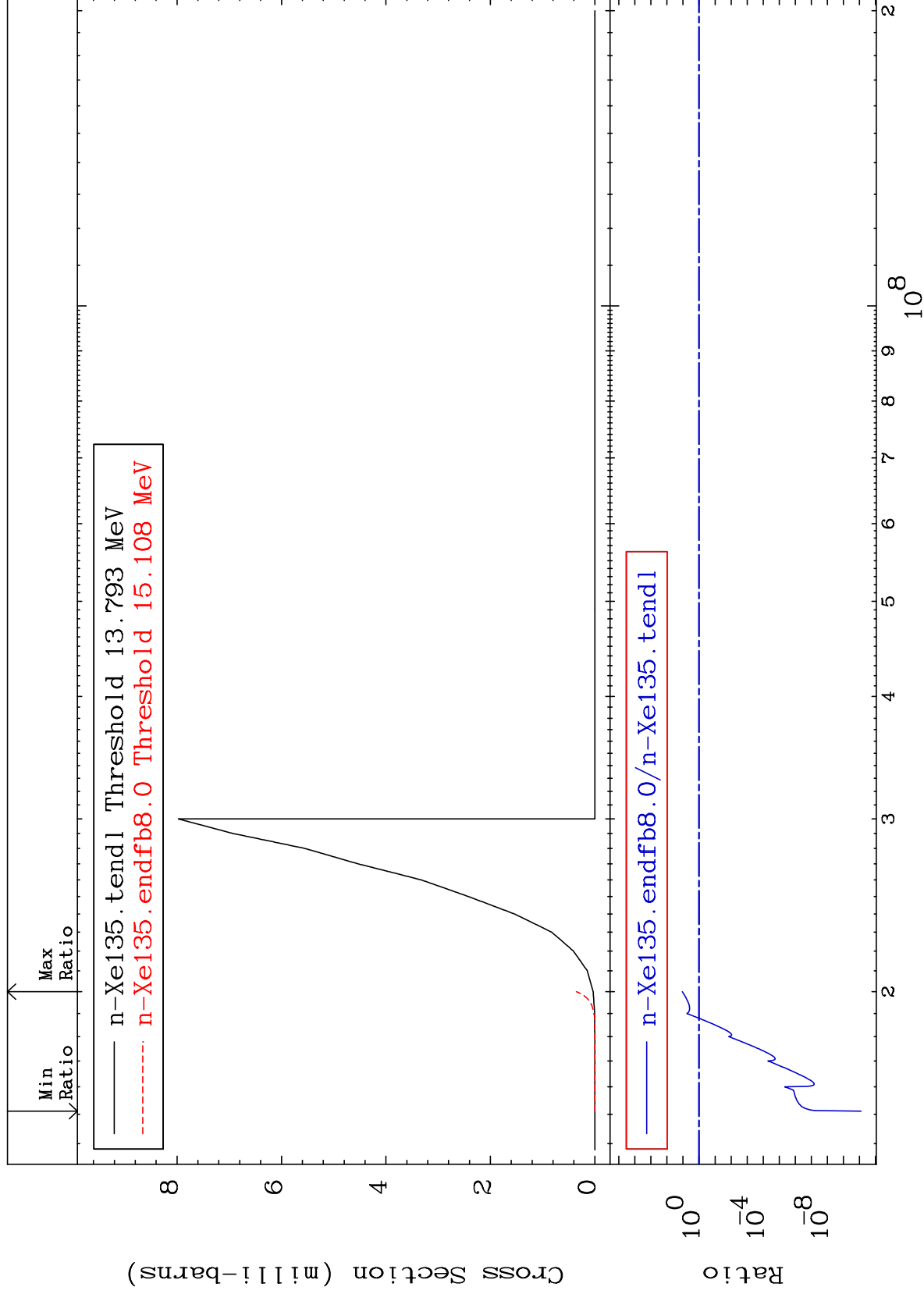
MAT 5458

(n,n') d

54-Xe-135

Cross Section

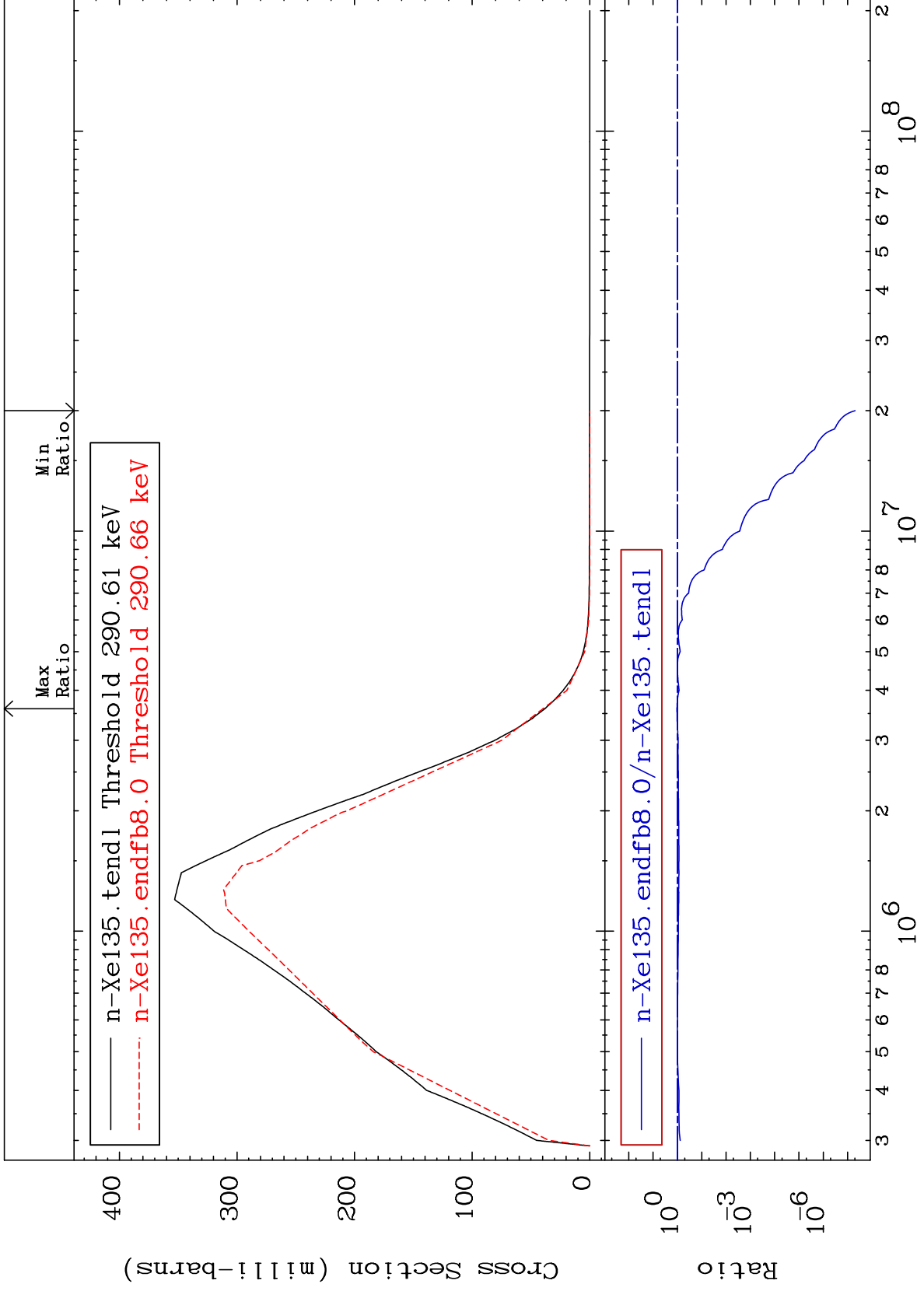
-100.0 To 999.9 %



MAT 5458

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

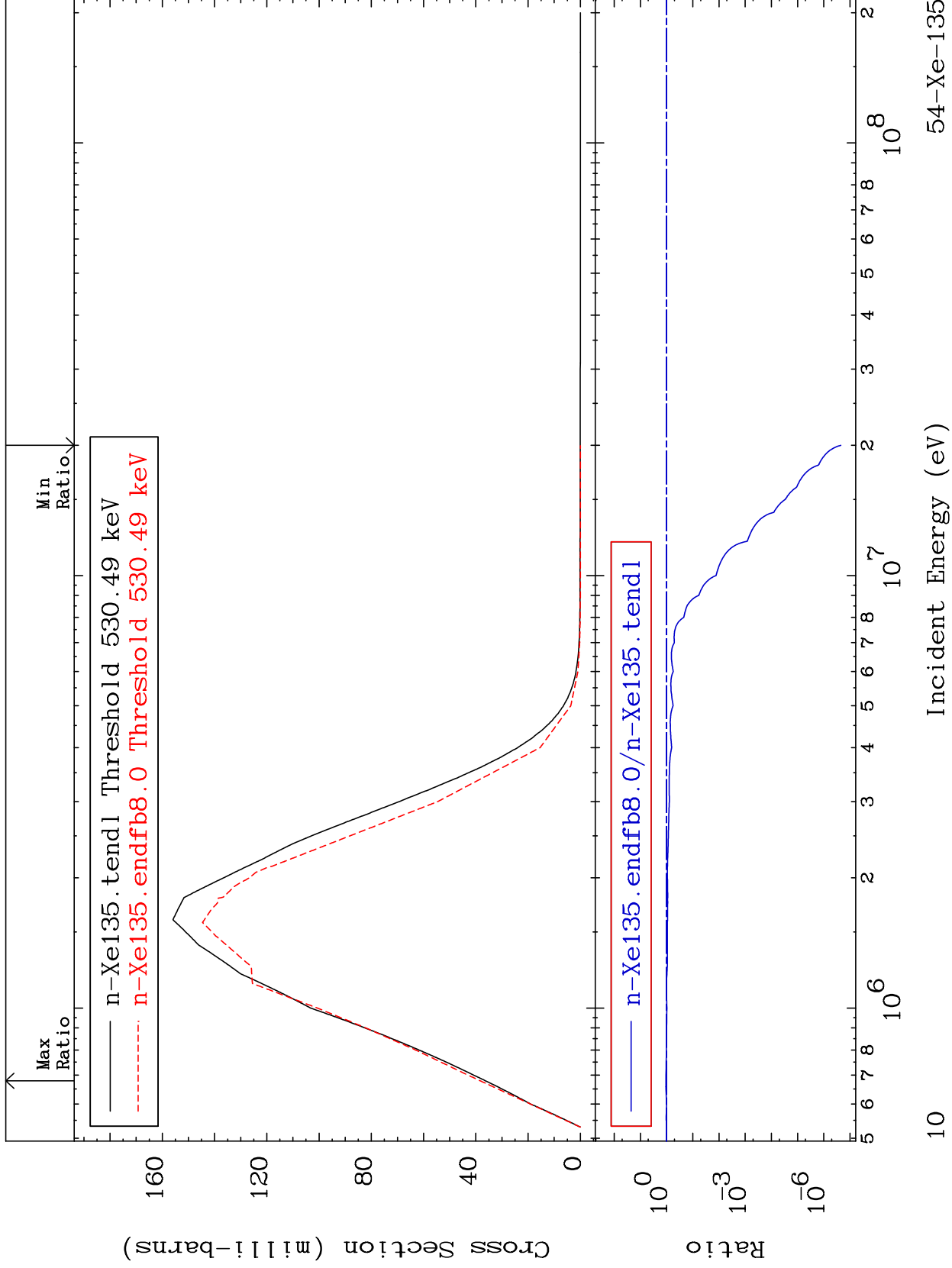
54-Xe-135
-100.0 To 4.268 %



MAT 5458

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

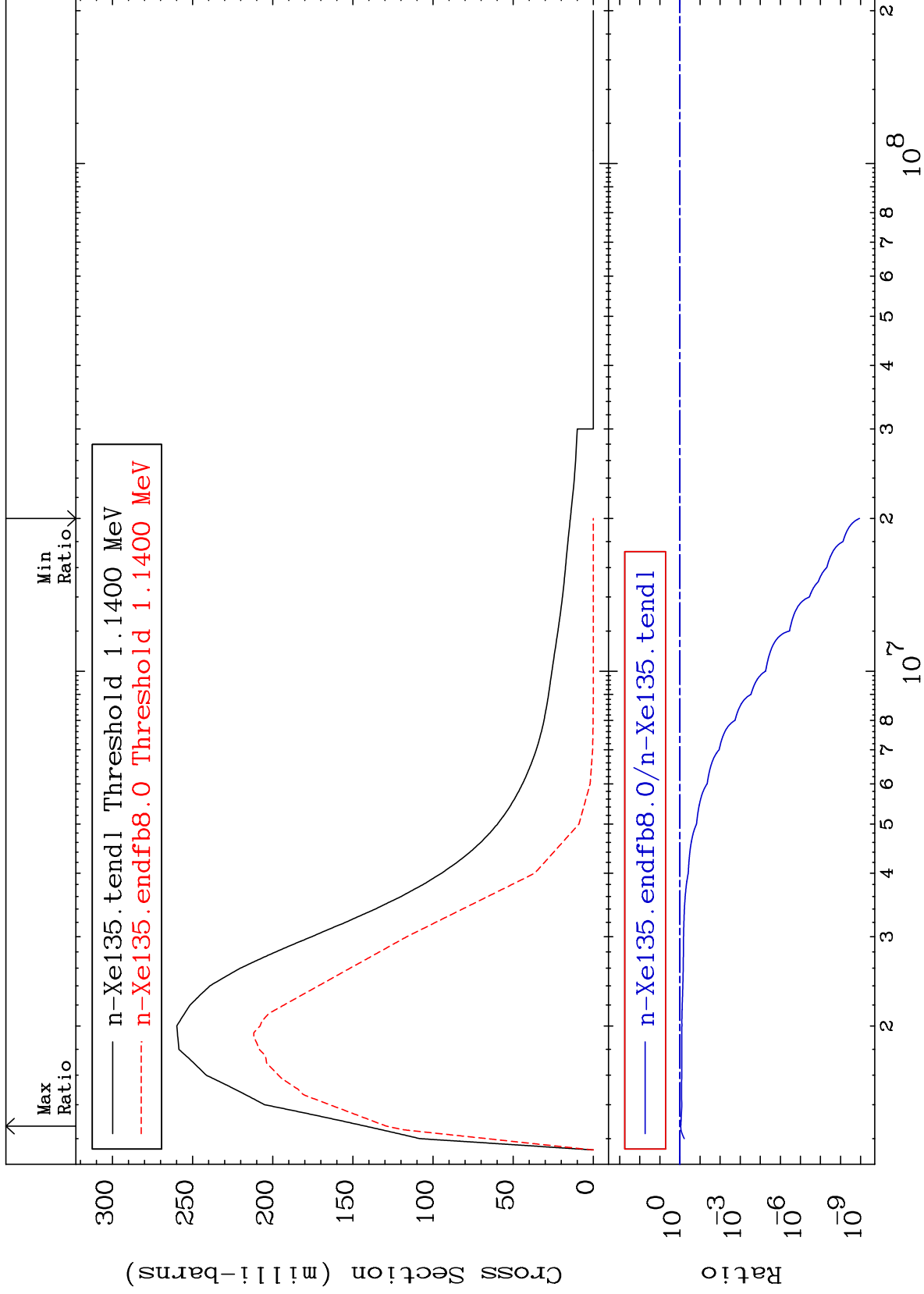
54-Xe-135
-100.0 To 5.615 %



MAT 5458

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

54-Xe-135
-100.0 To -9.175%



11

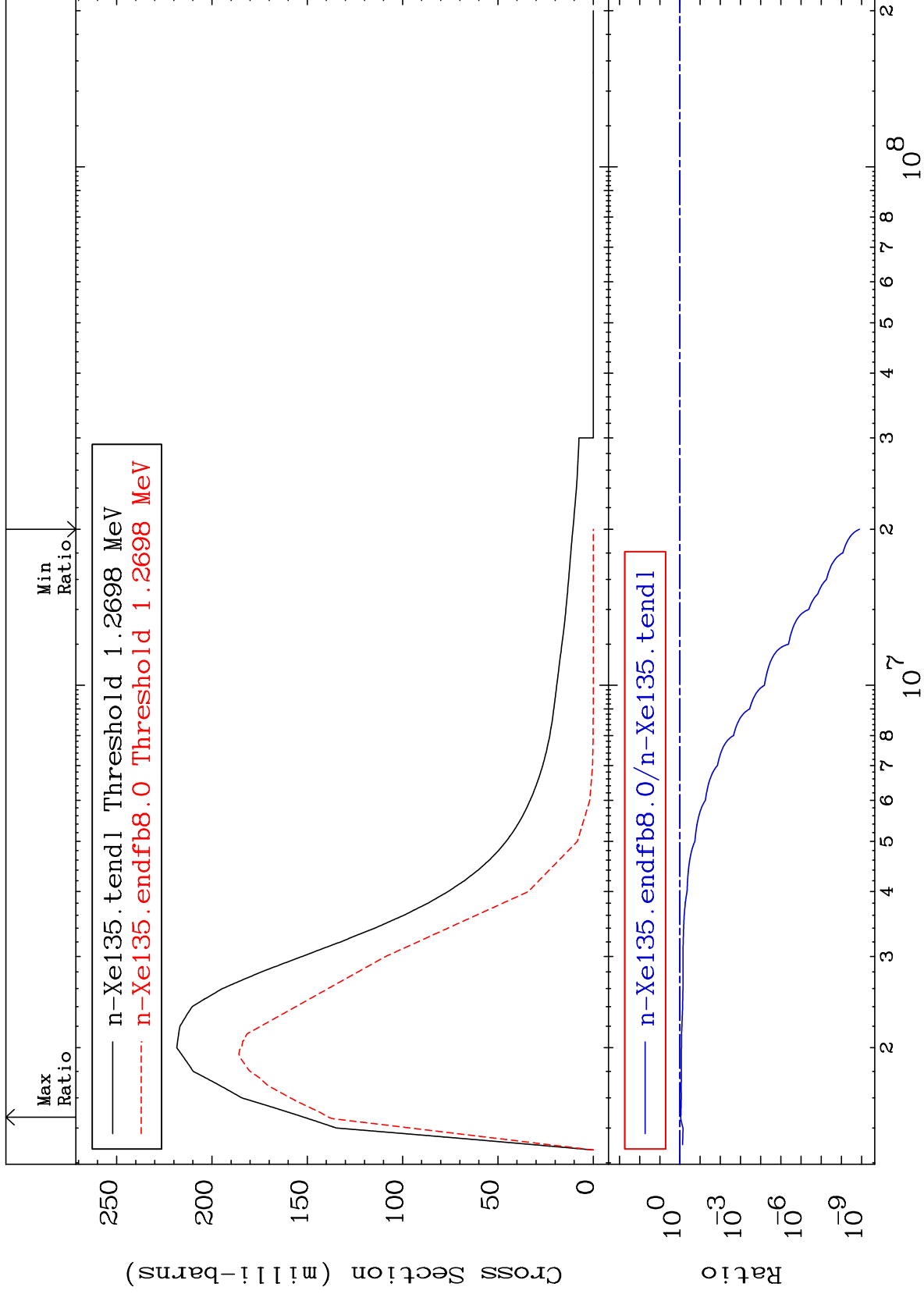
Incident Energy (eV)

54-Xe-135

MAT 5458

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

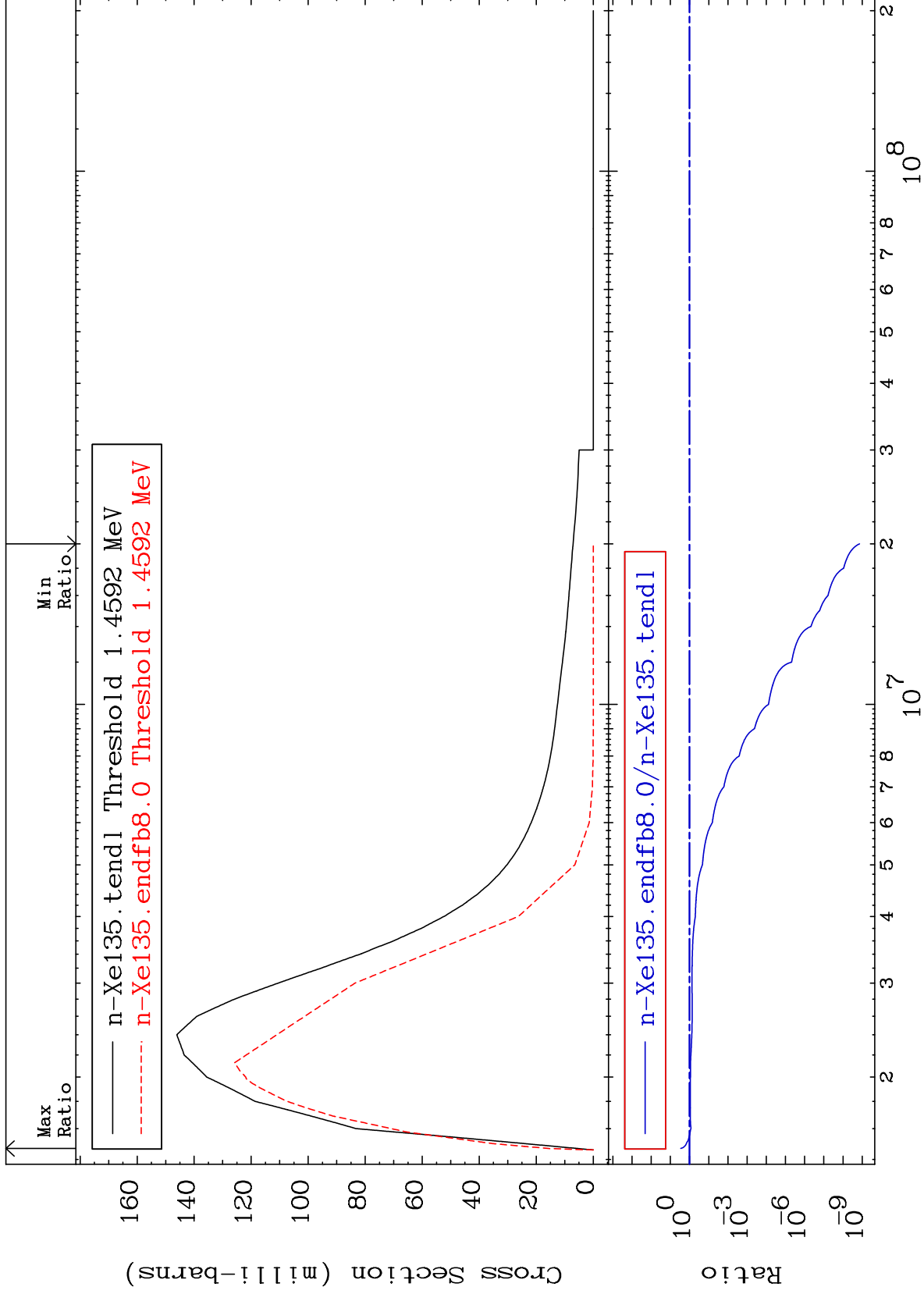
54-Xe-135
-100.0 To -8.501%



MAT 5458

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

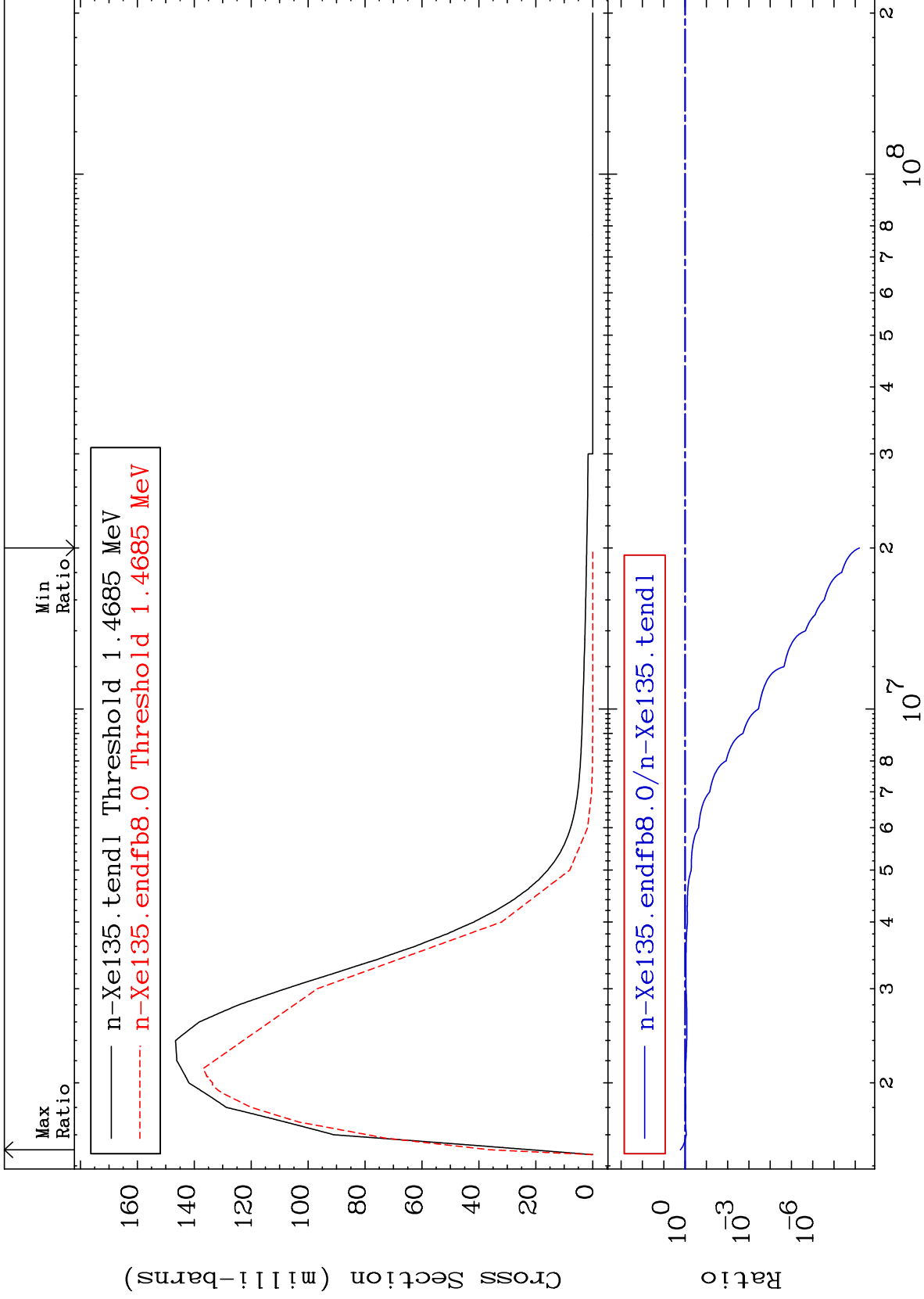
54-Xe-135
-100.0 To 186.7 %



MAT 5458

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

54-Xe-135
-100.0 To 65.81 %



14

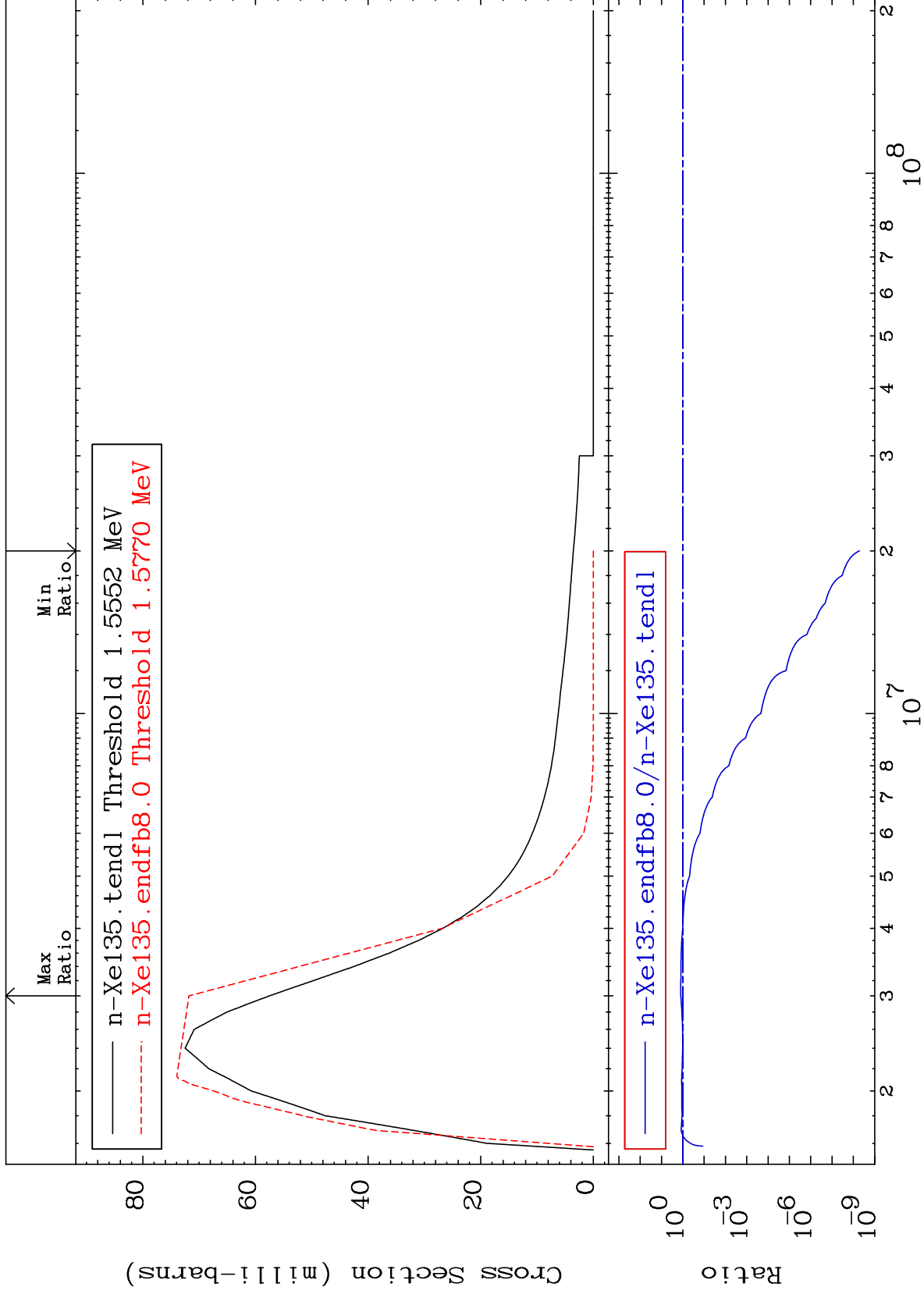
Incident Energy (eV)

54-Xe-135

MAT 5458

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

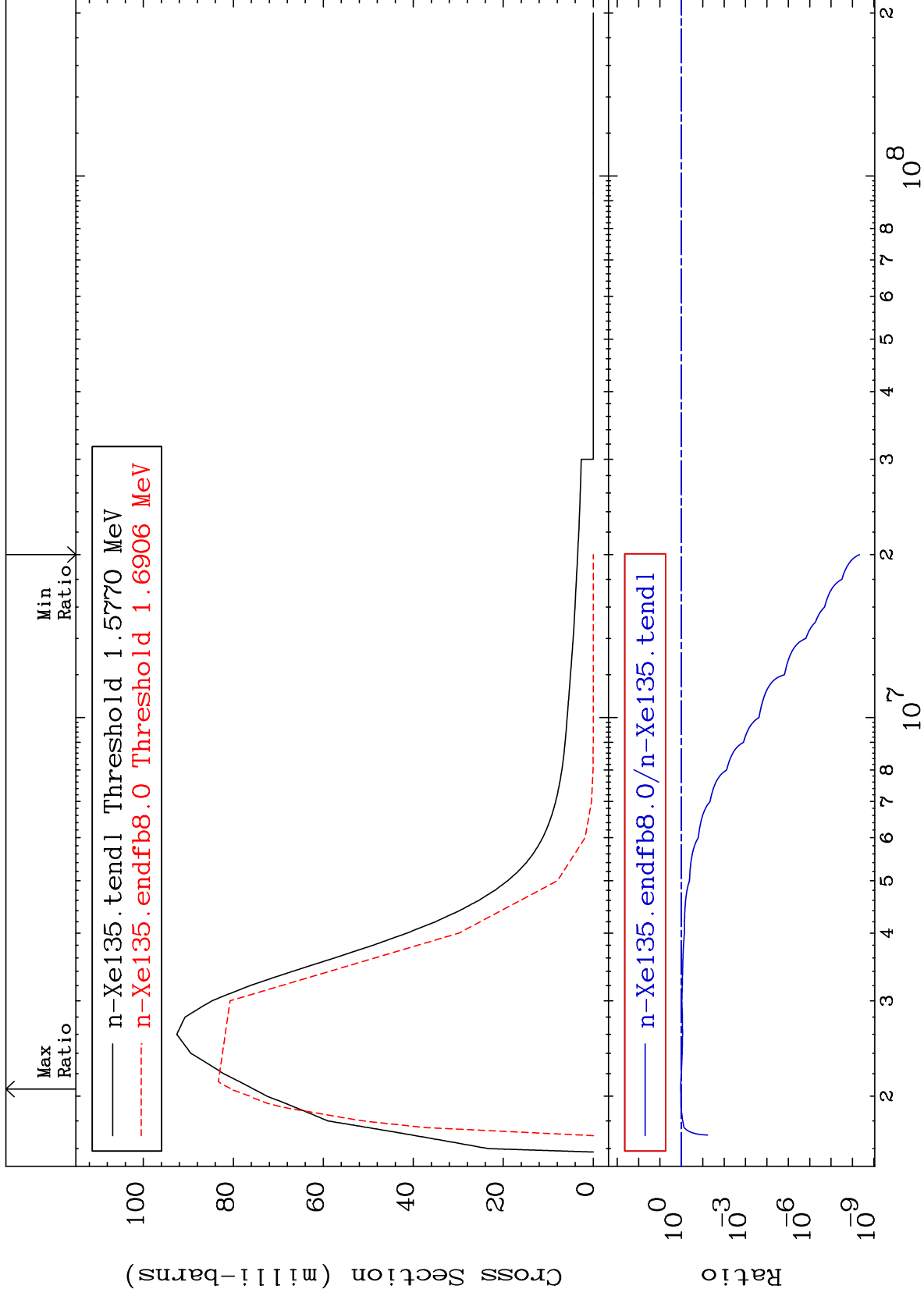
54-Xe-135
-100.0 To 24.86 %



MAT 5458

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

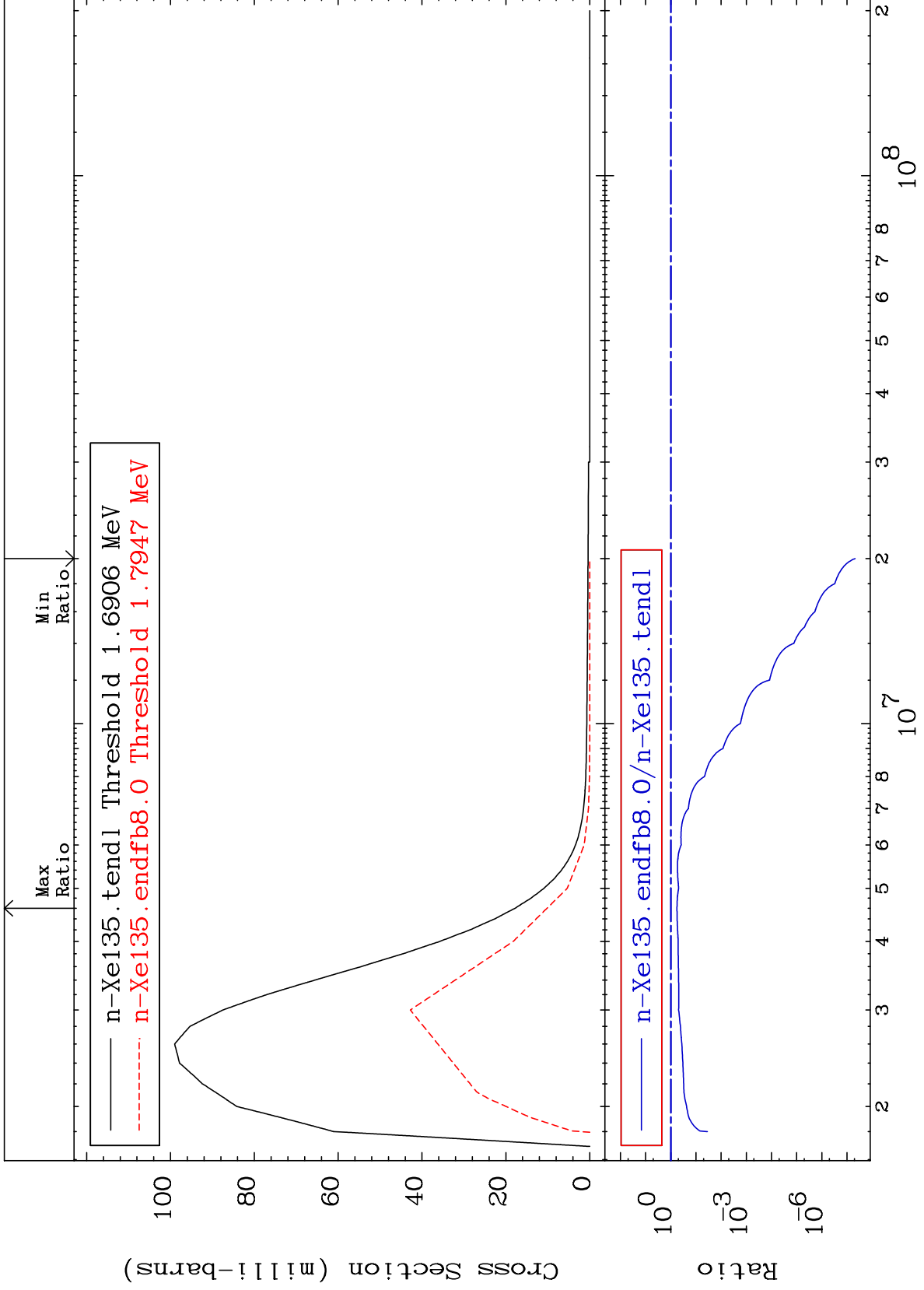
54-Xe-135
-100.0 To 6.836 %



MAT 5458

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

54-Xe-135
-100.0 To -42.84%



17

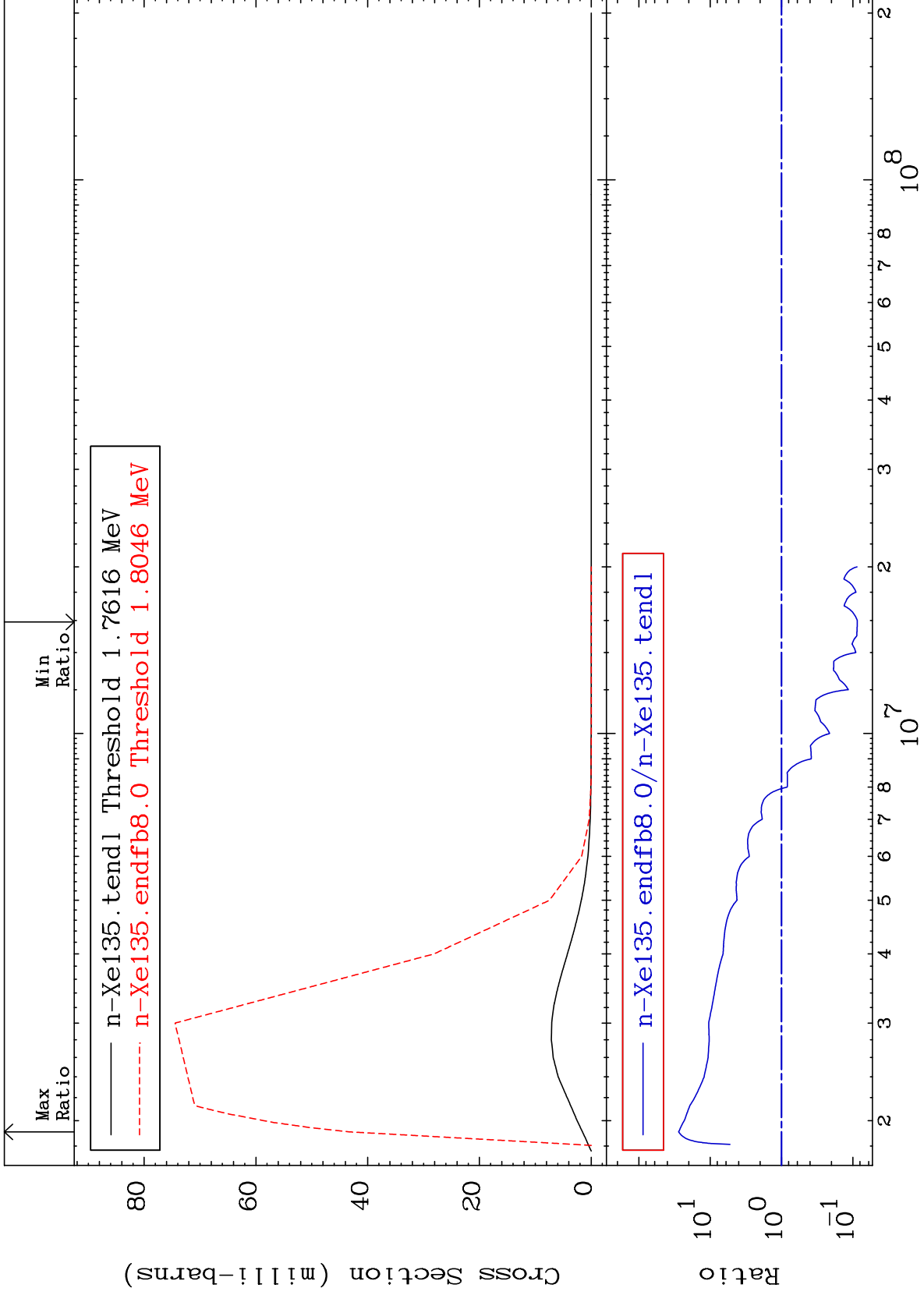
Incident Energy (eV)

54-Xe-135

MAT 5458

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

54-Xe-135
-91.30 To 2676. %



18

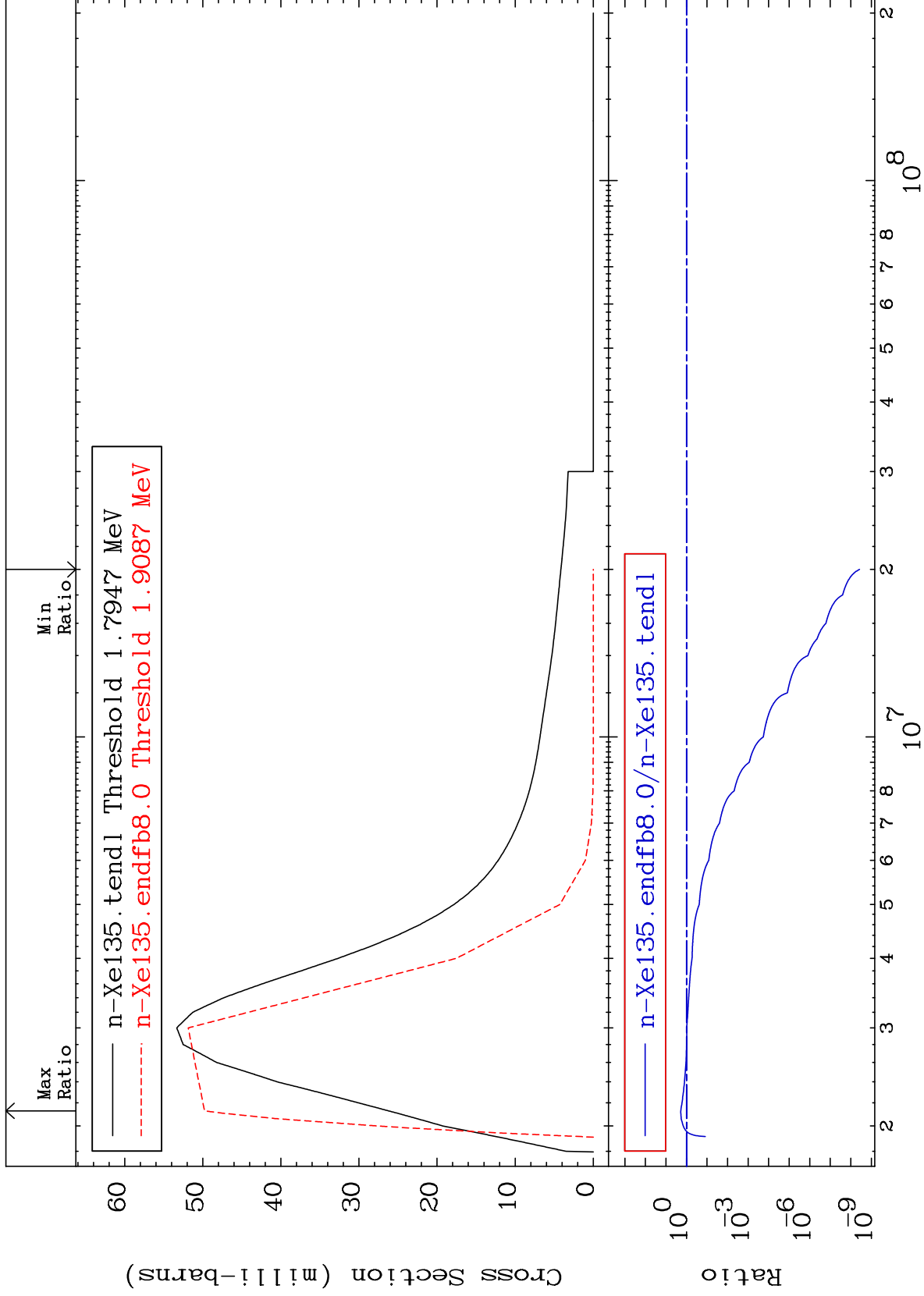
Incident Energy (eV)

54-Xe-135

MAT 5458

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

54-Xe-135
-100.0 To 89.89 %



19

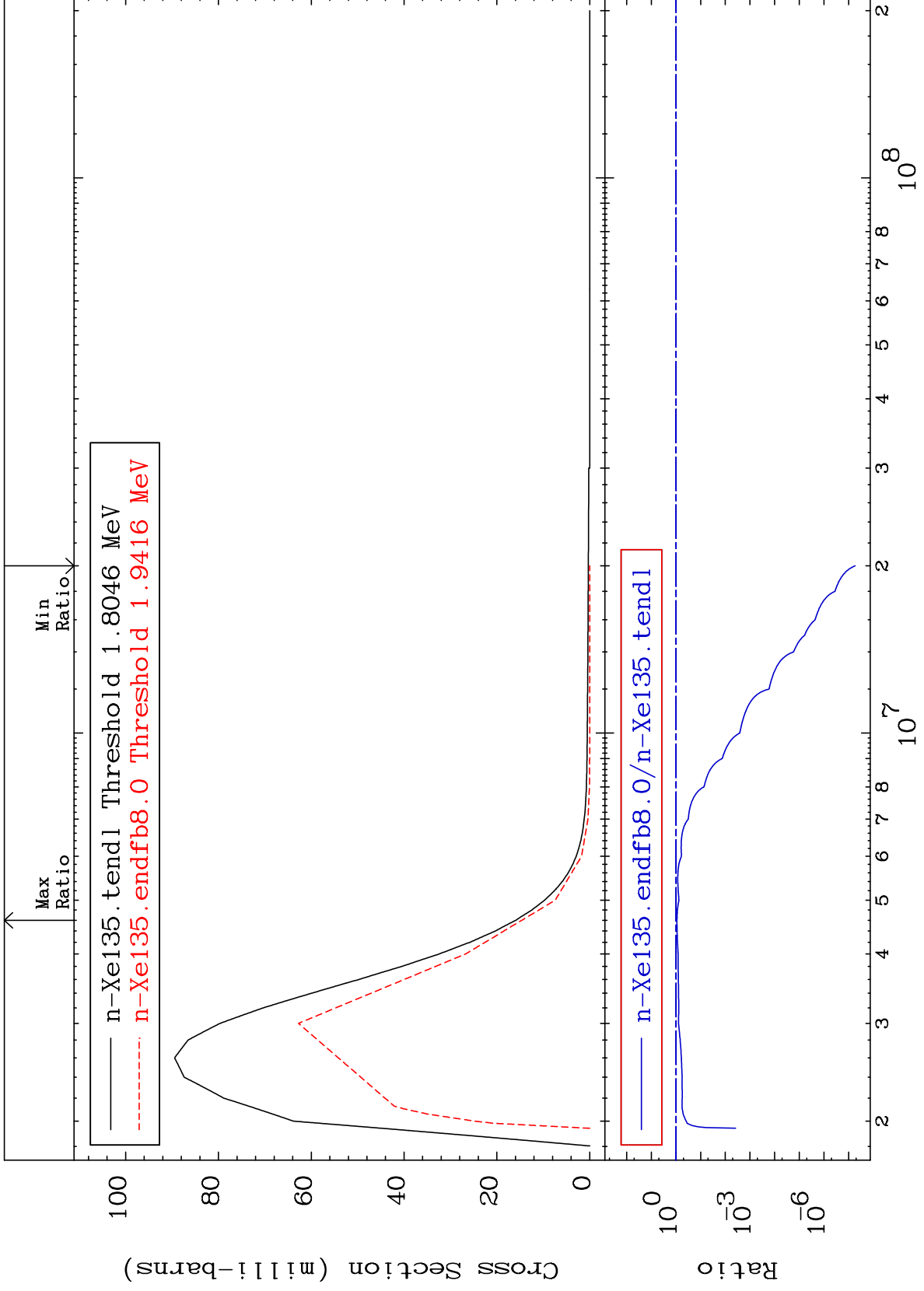
Incident Energy (eV)

54-Xe-135

MAT 5458

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

54-Xe-135
-100.0 To -8.227%



20

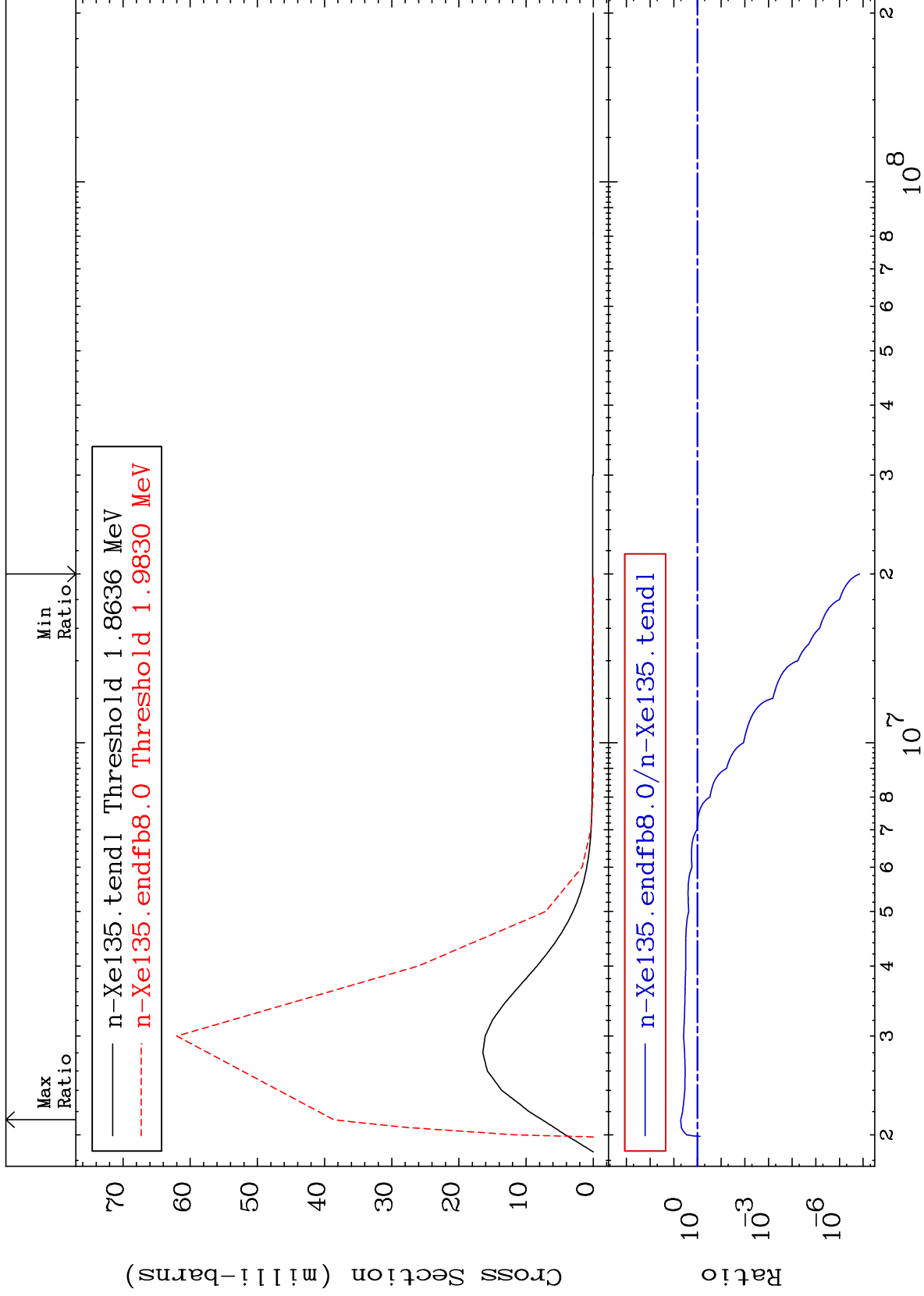
54-Xe-135

54-Xe-135

MAT 5458

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

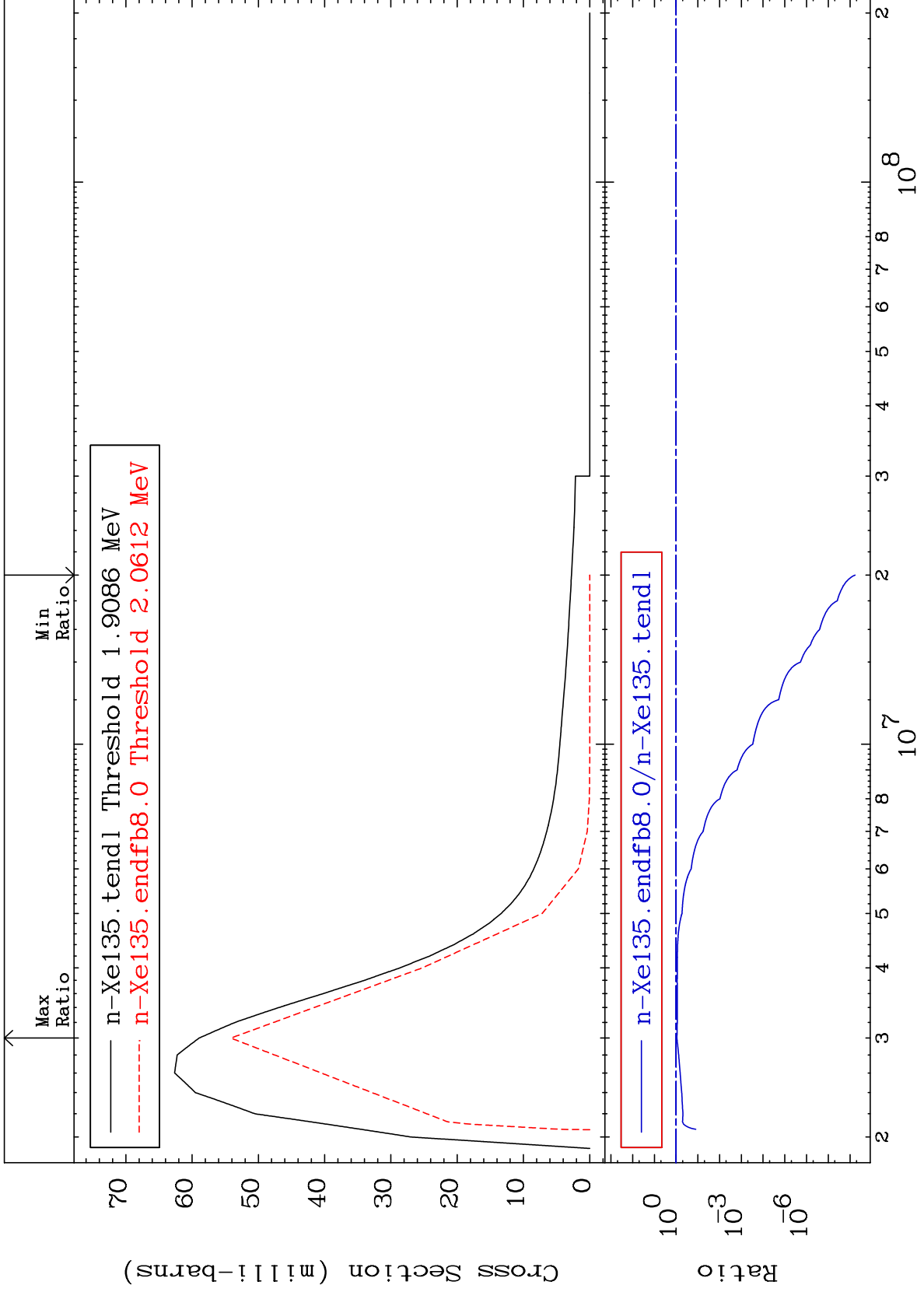
54-Xe-135
-100.0 To 407.0 %



MAT 5458

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

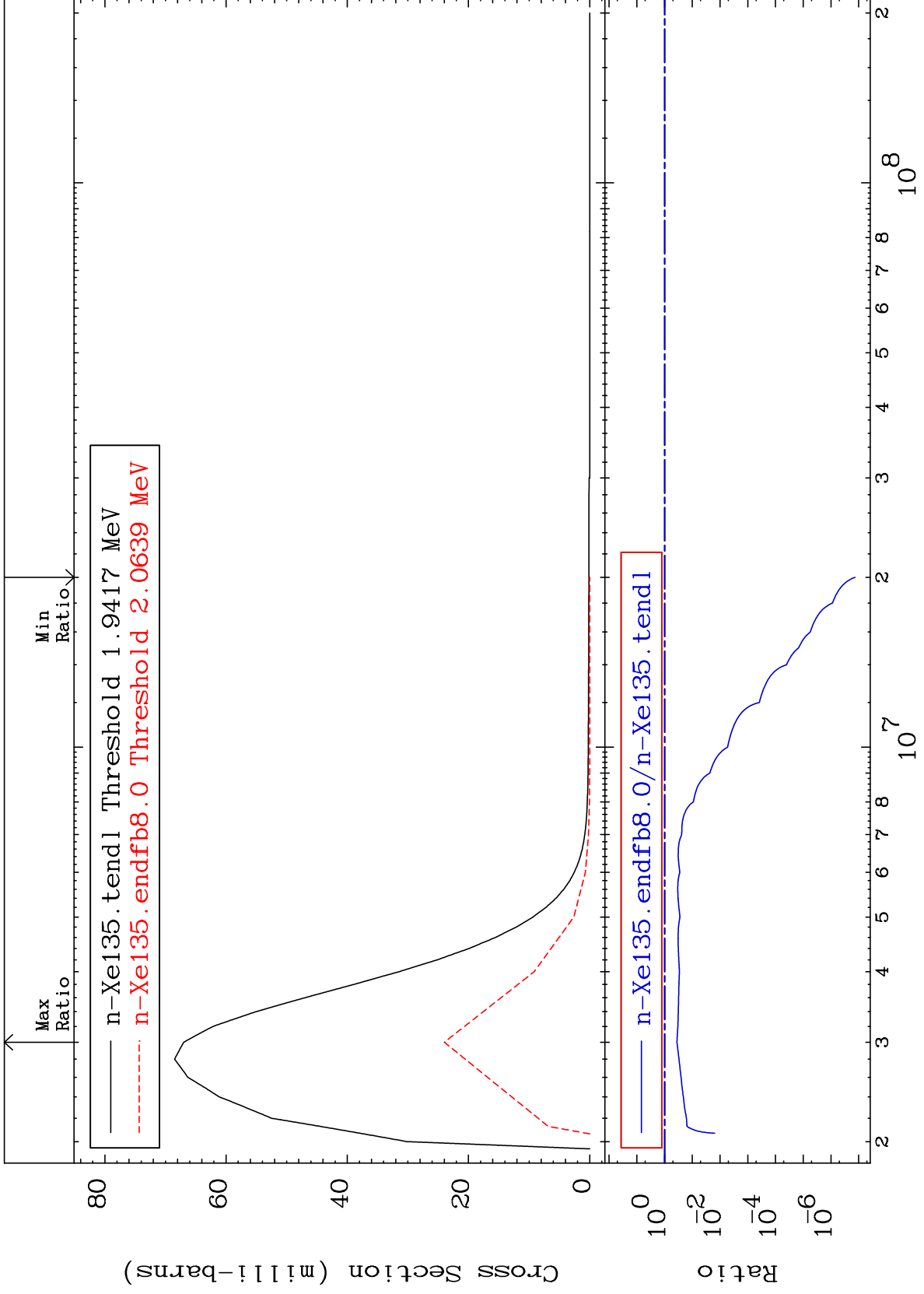
54-Xe-135
-100.0 To -8.147%



MAT 5458

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

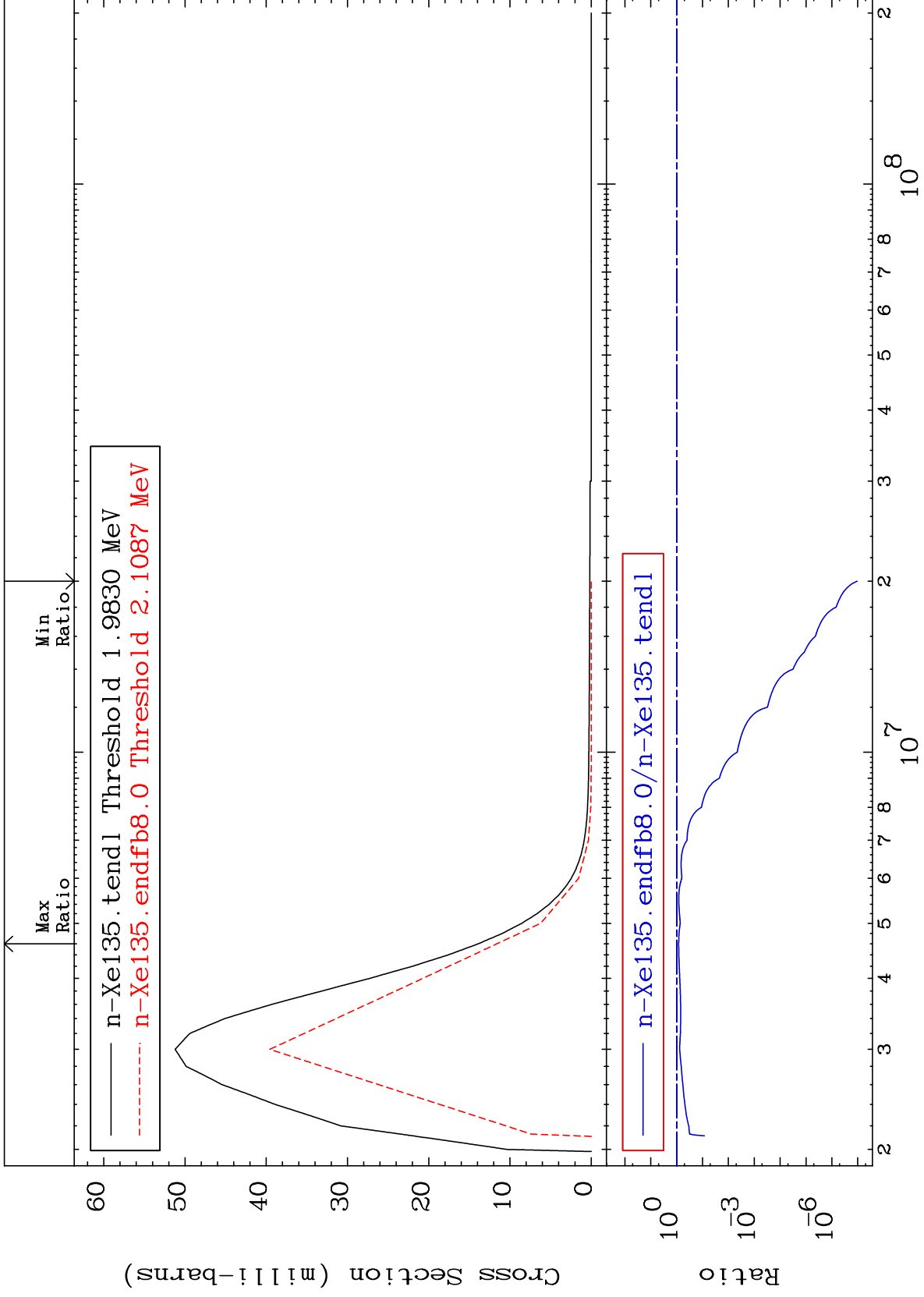
54-Xe-135
-100.0 To -64.20%



MAT 5458

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

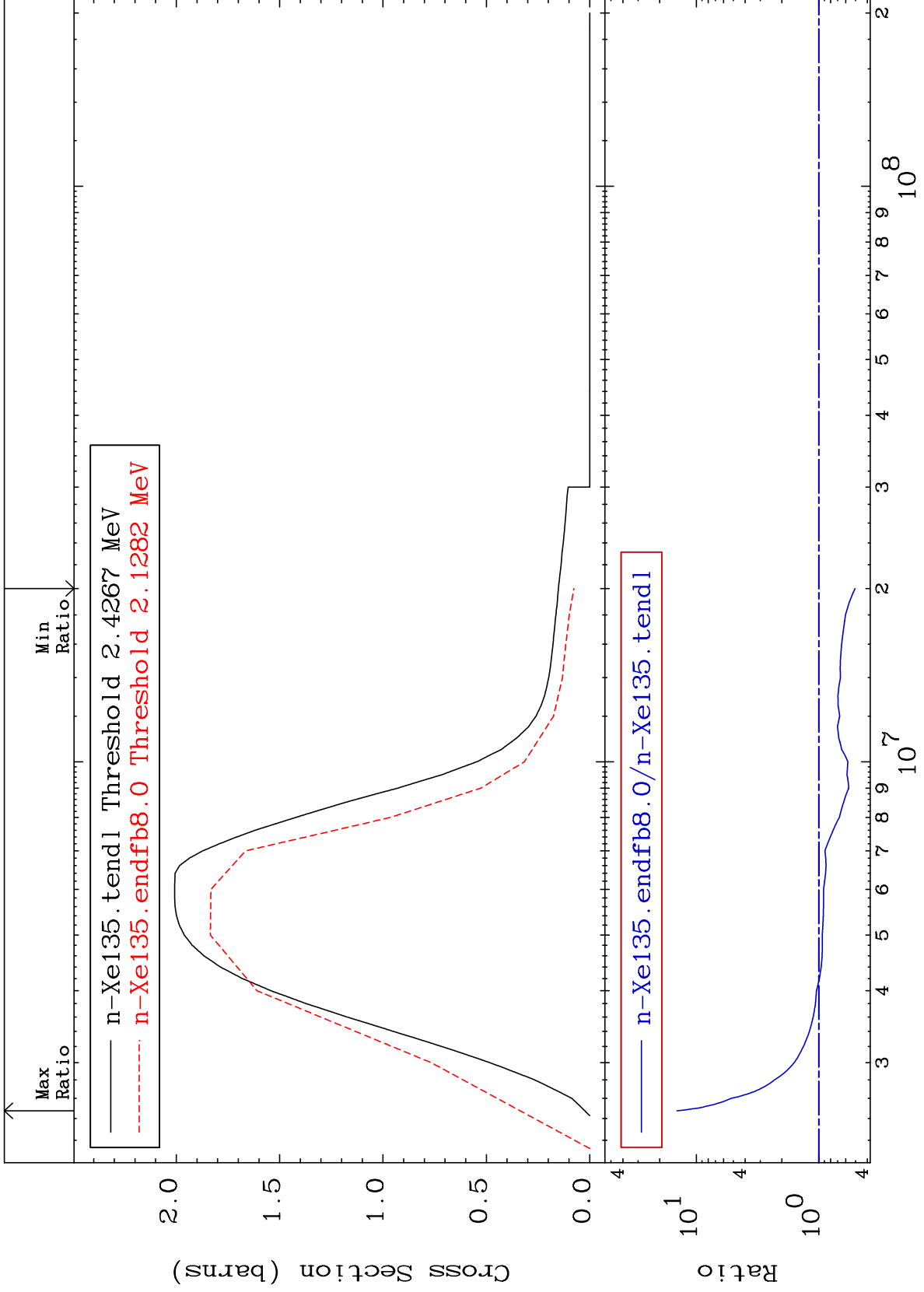
54-Xe-135
-100.0 To -16.35%



MAT 5458

(n, n') Continuum
Cross Section

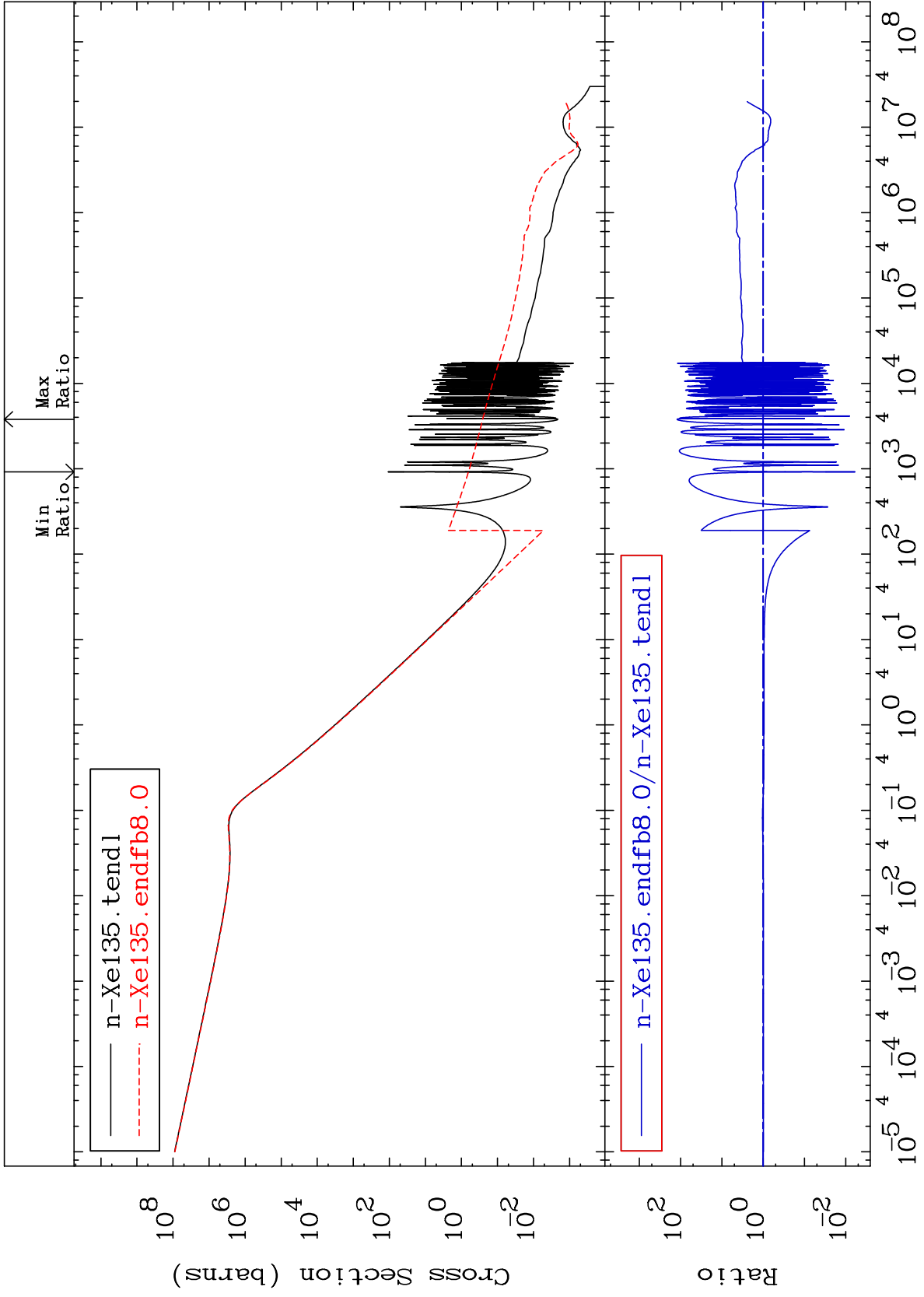
54-Xe-135
-49.60 To 1345. %



MAT 5458

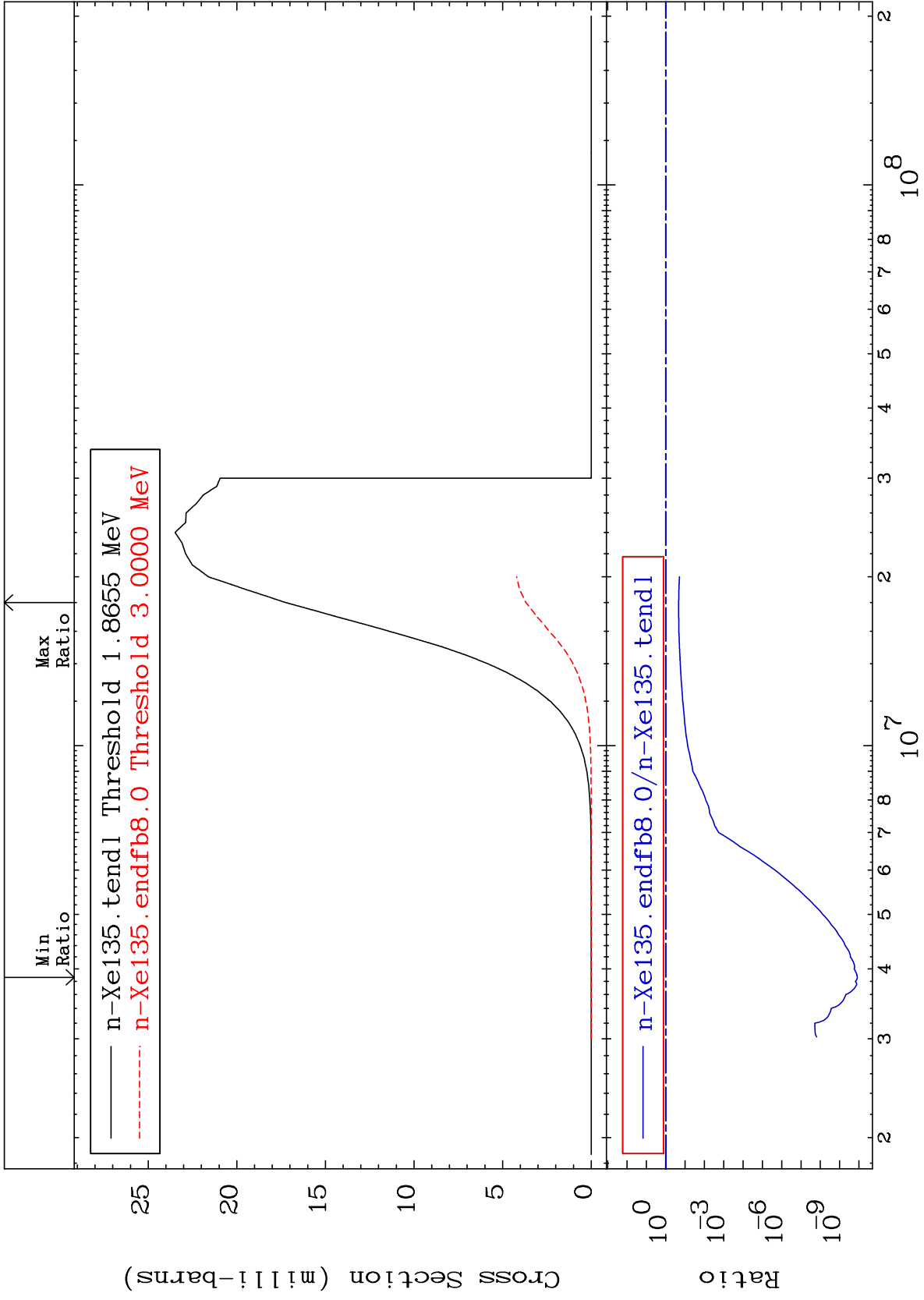
(n, γ)
Cross Section

54-Xe-135
-99.40 To 9999. %



MAT 5458

(n,p)
Cross Section
54-Xe-135
-100.0 To -78.60%



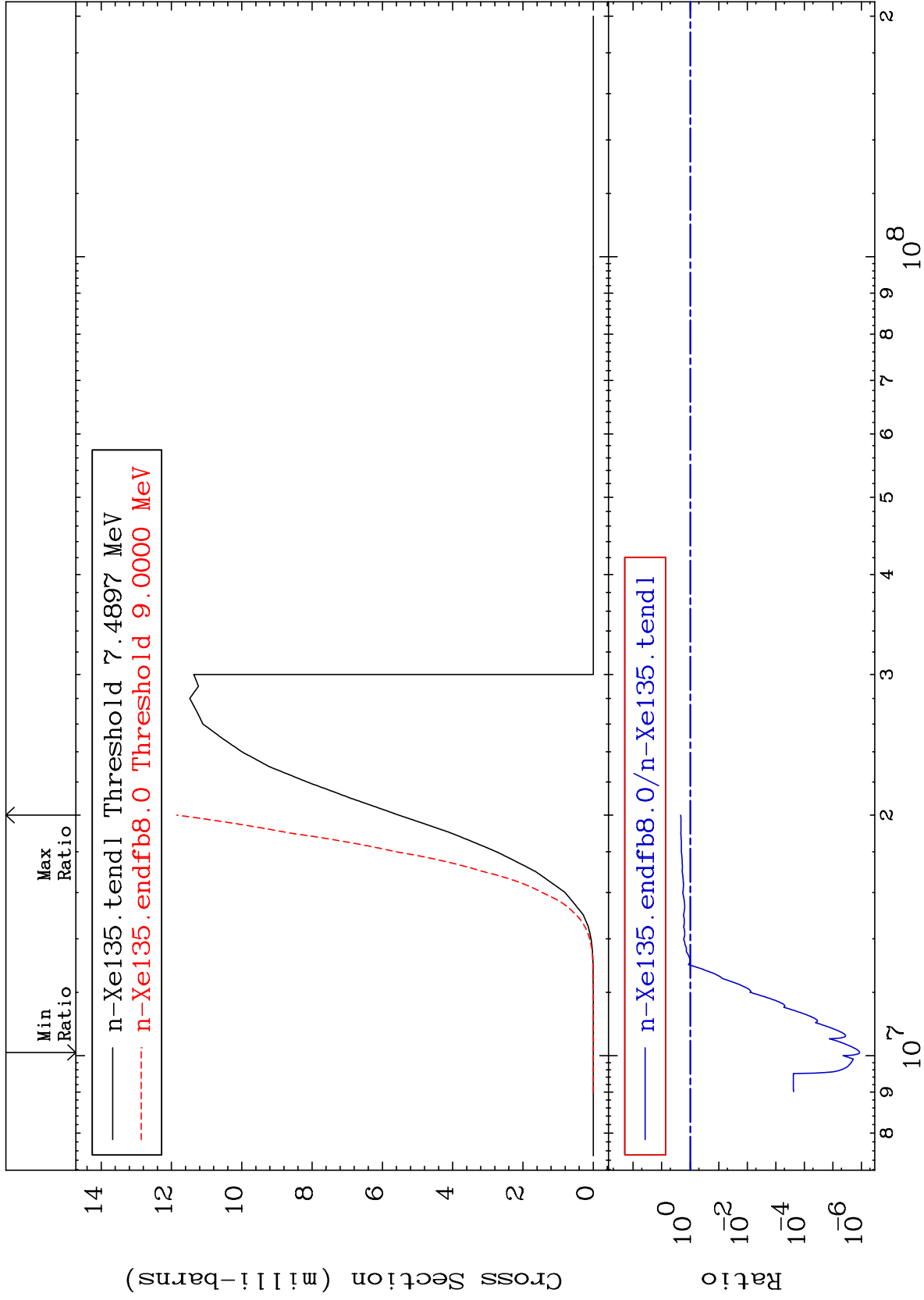
MAT 5458

(n, d)

54-Xe-135

Cross Section

-100.0 To 114.1 %



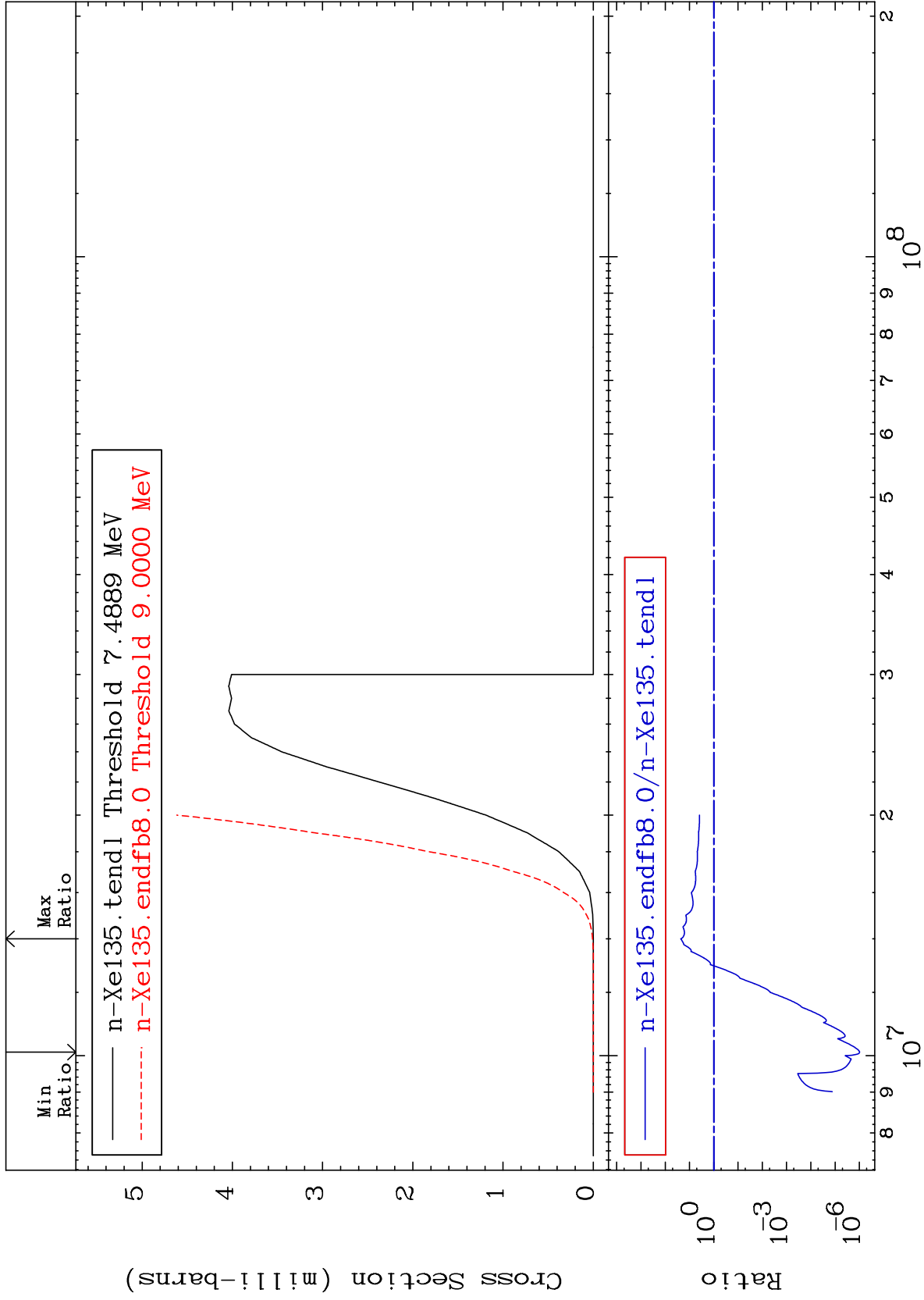
MAT 5458

(n, t)

54-Xe-135

Cross Section

-100.0 To 2189. %



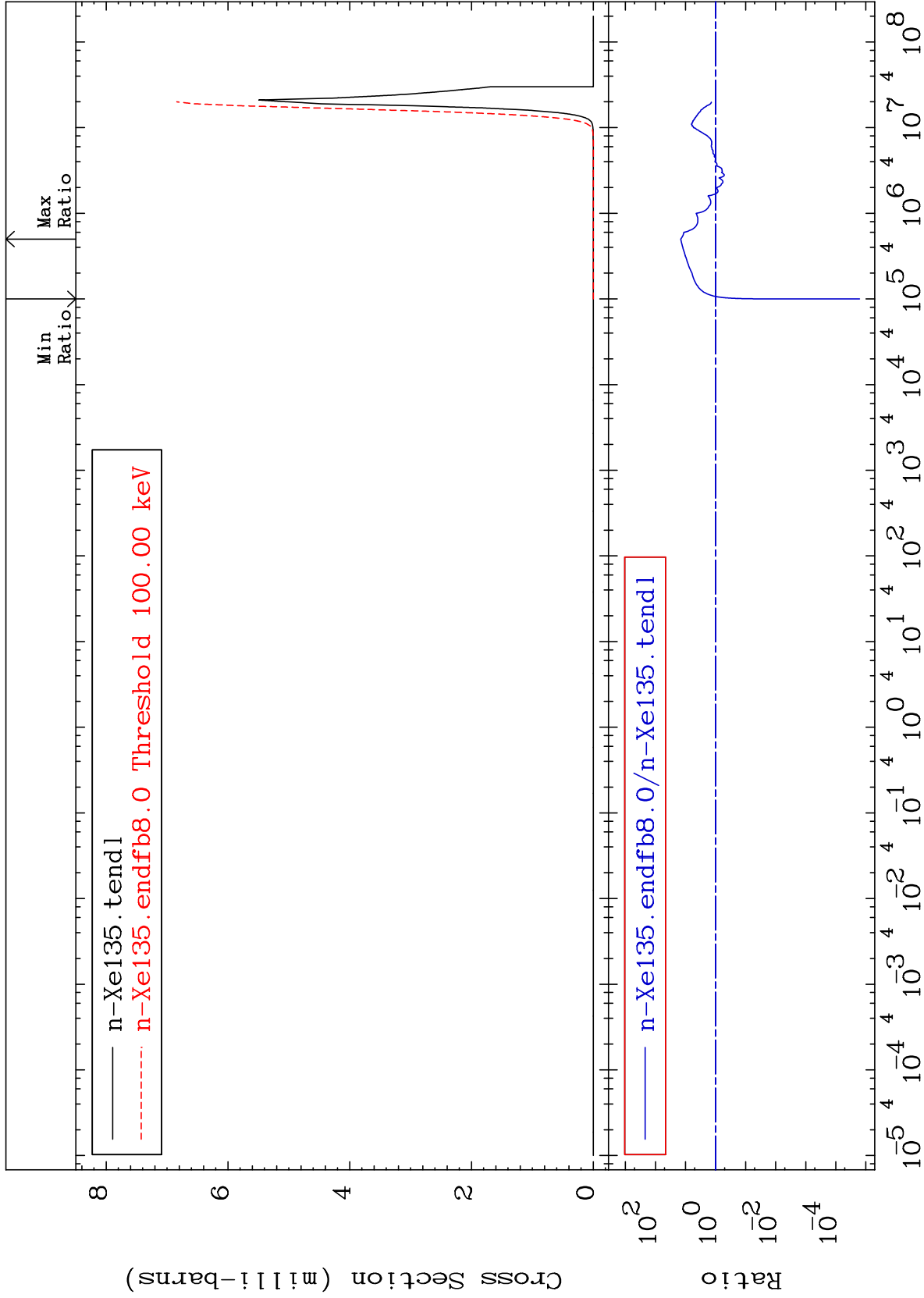
MAT 5458

(n, α)

54-Xe-135

Cross Section

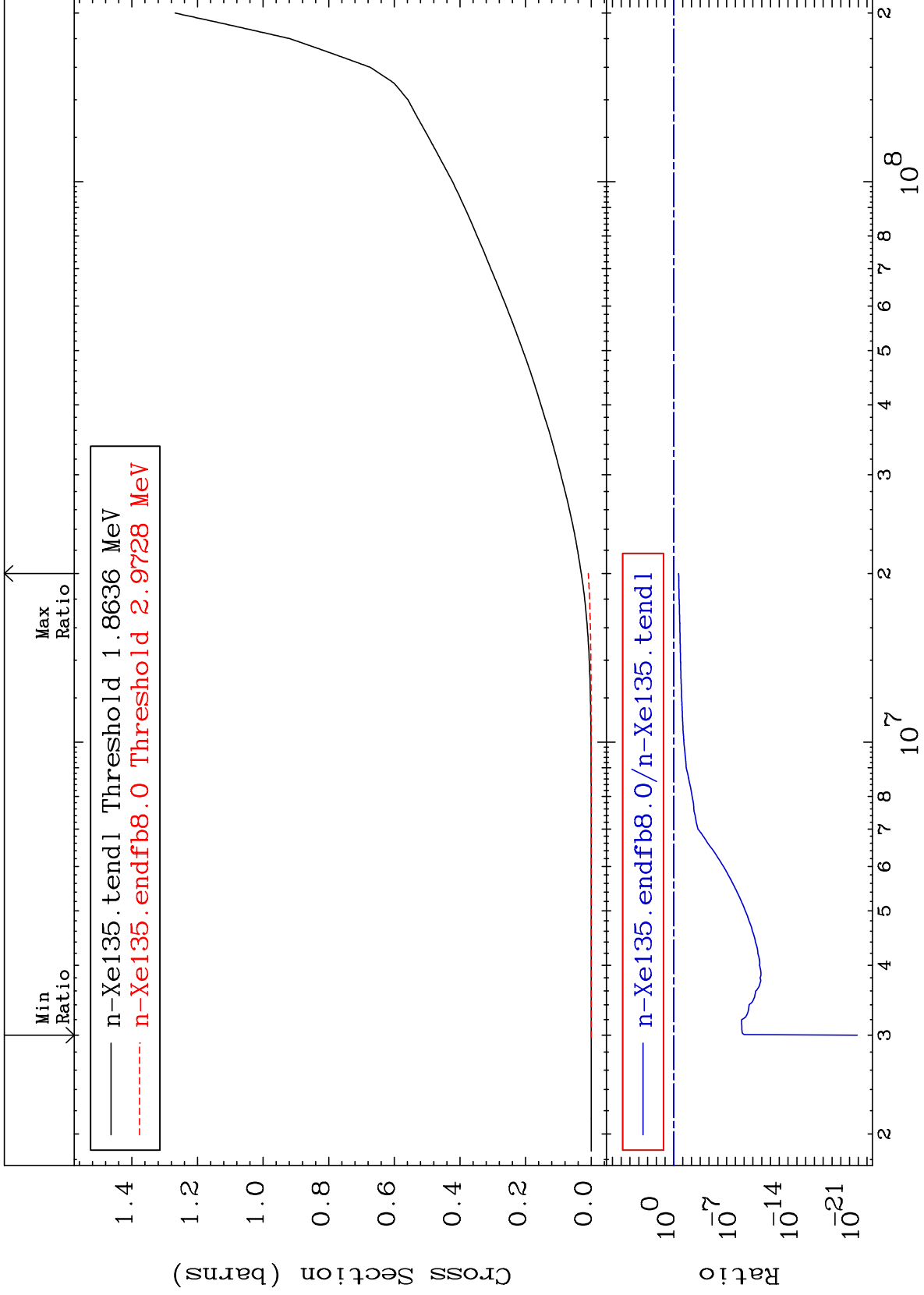
-100.0 To 1340. %



Incident Energy (eV)

54-Xe-135

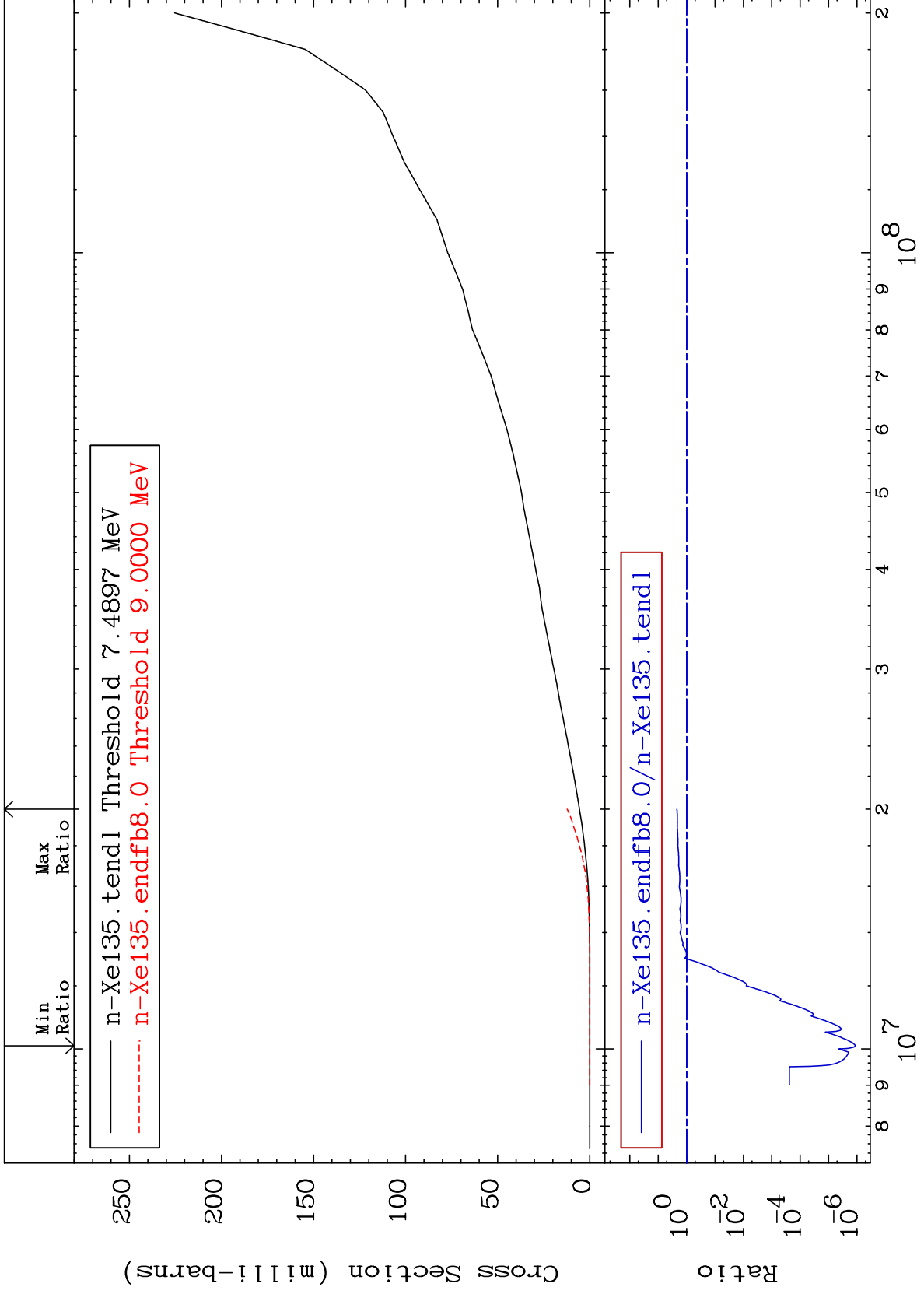
30



MAT 5458

Deuterium Production
Cross Section

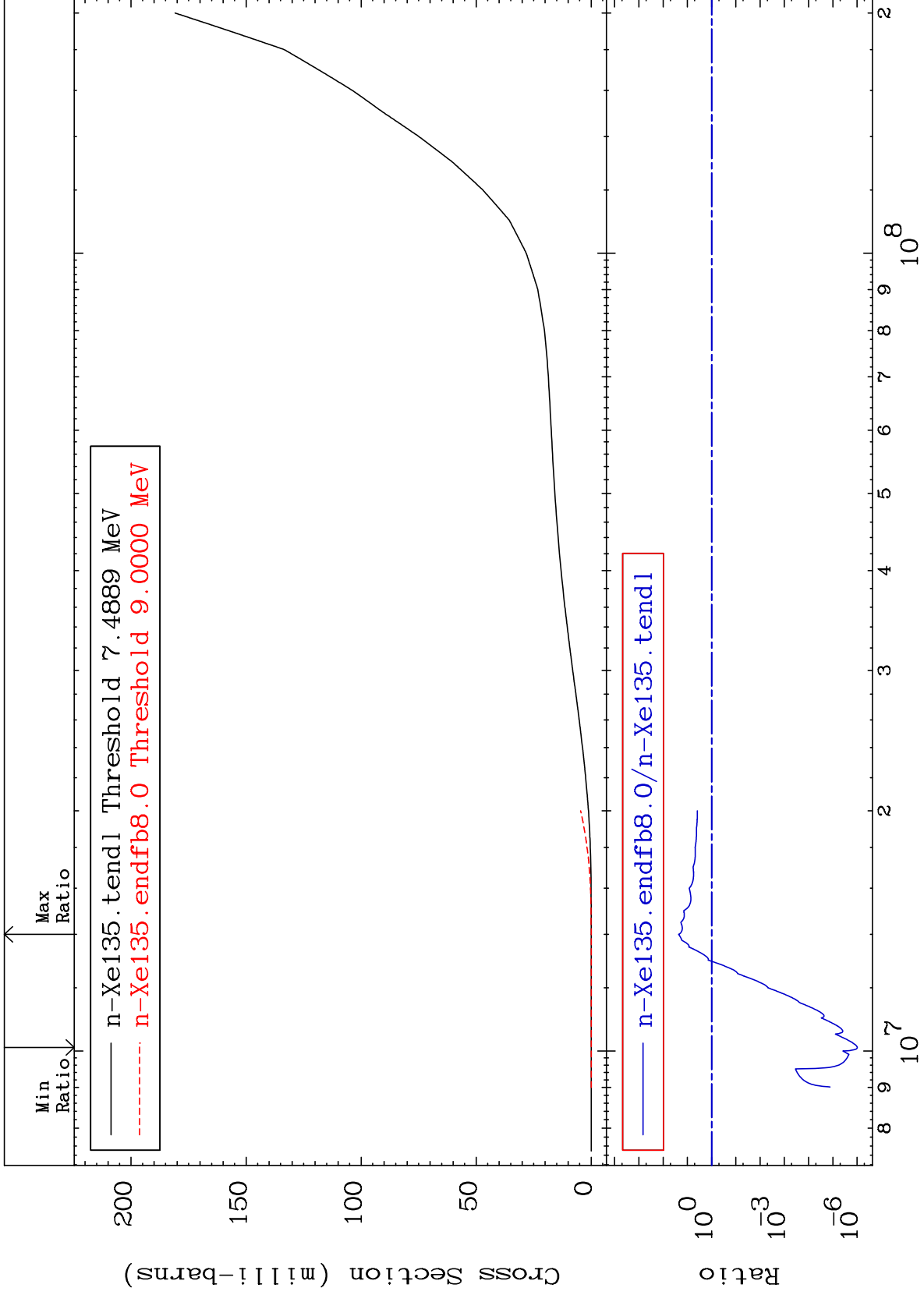
54-Xe-135
-100.0 To 119.3 %



MAT 5458

Tritium Production
Cross Section

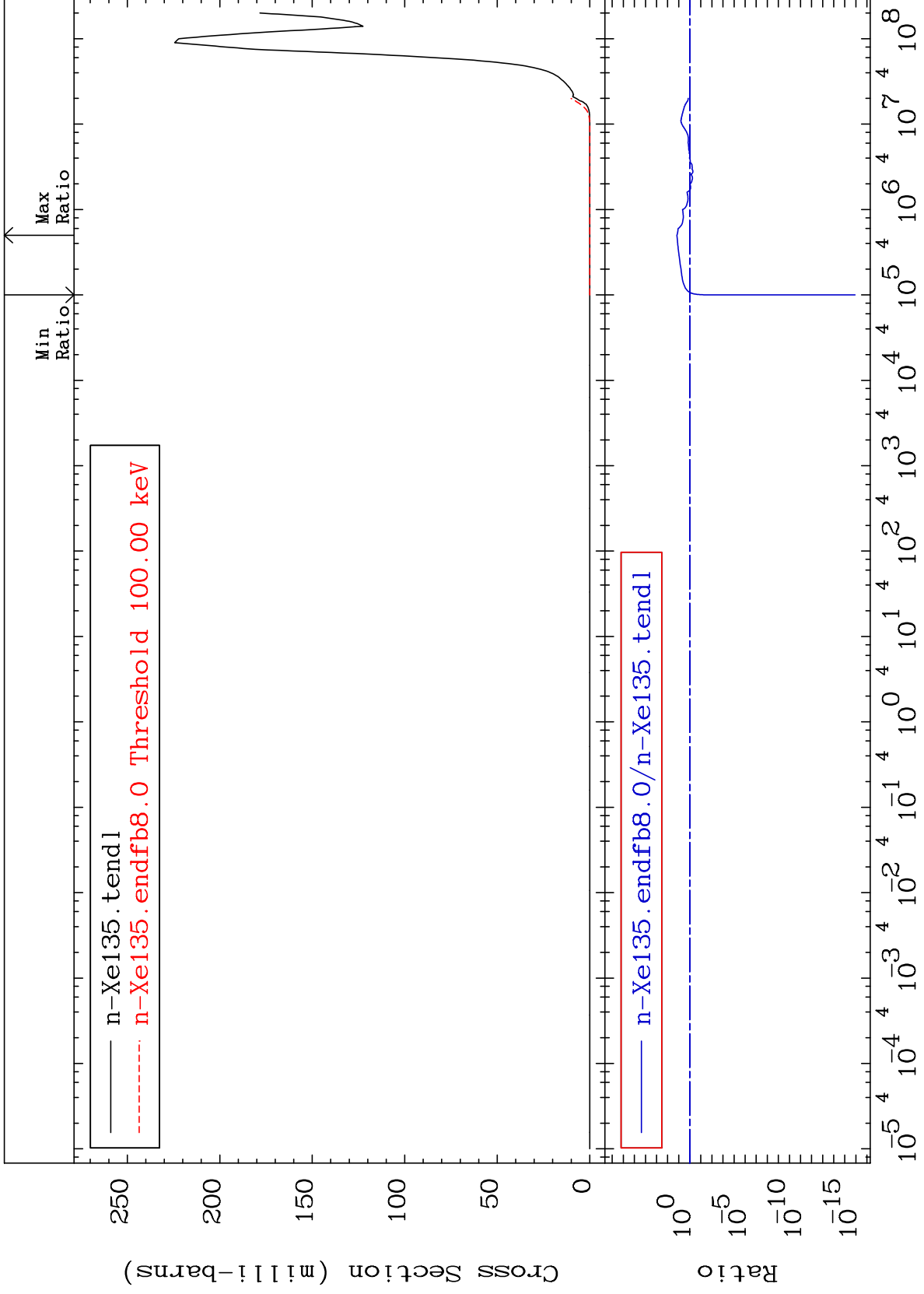
54-Xe-135
-100.0 To 2189. %



MAT 5458

He-4 Production
Cross Section

54-Xe-135
-100.0 To 1340. %



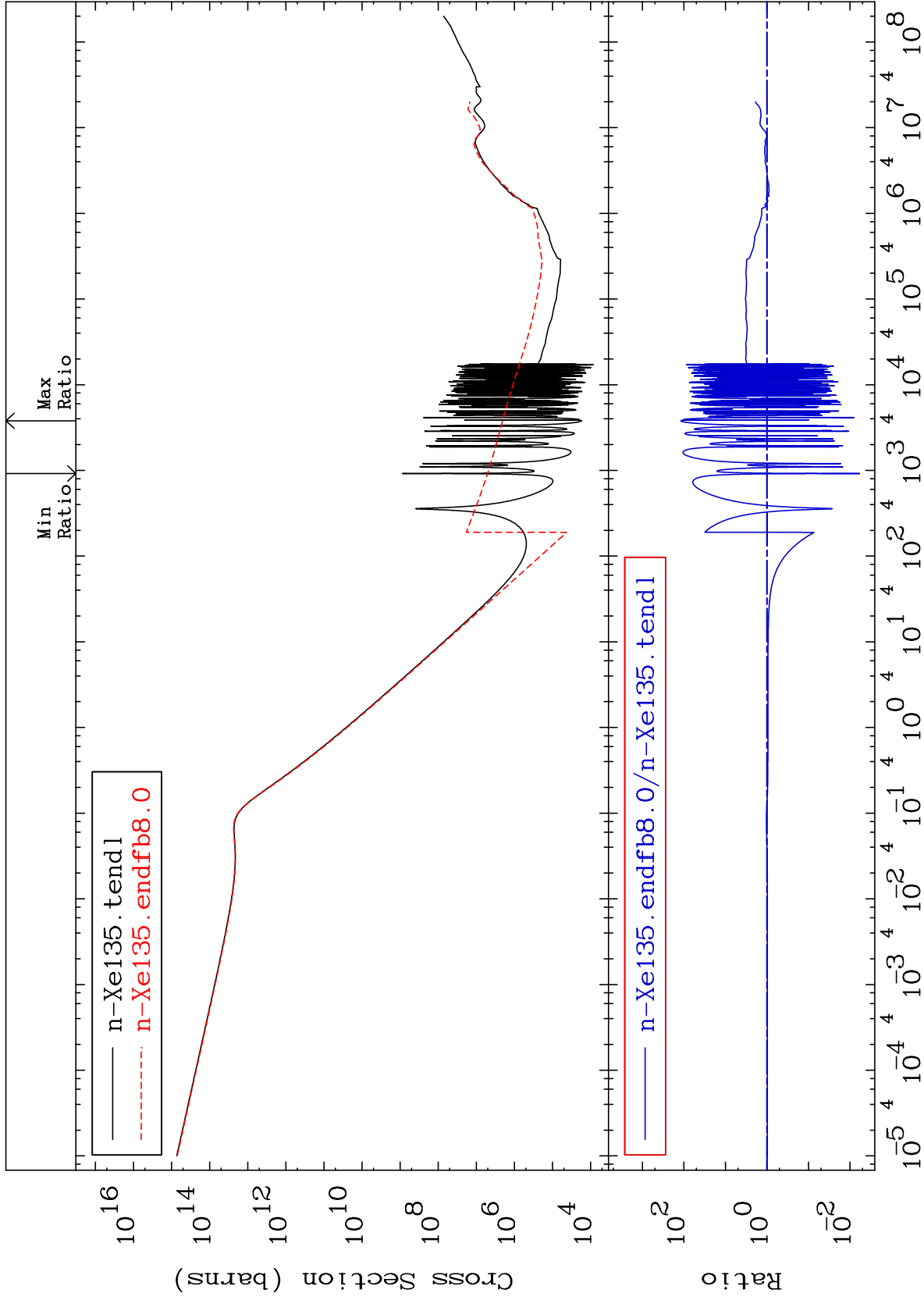
34

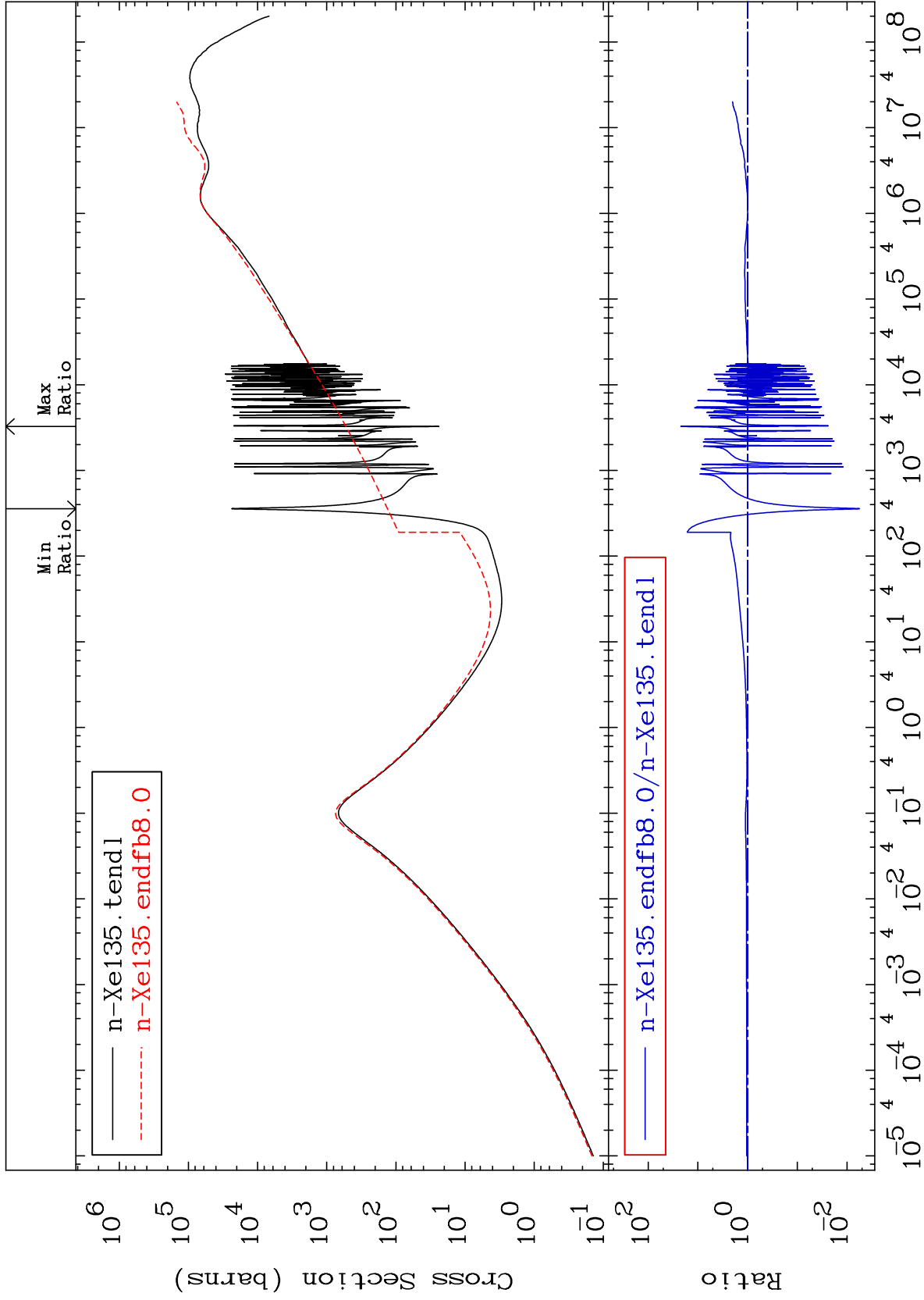
Incident Energy (eV)

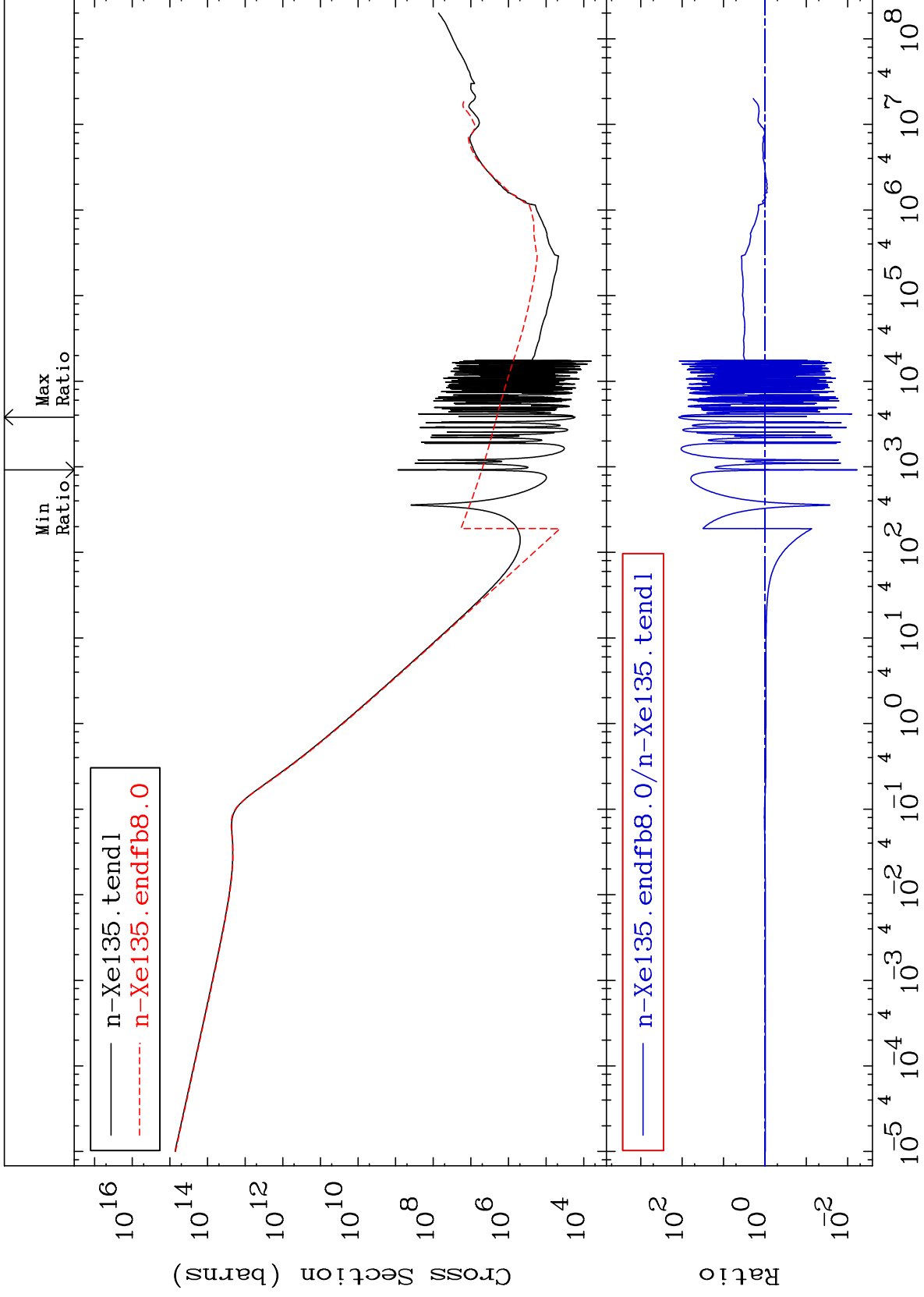
54-Xe-135

Cross Section

-99.41 To 9999. %



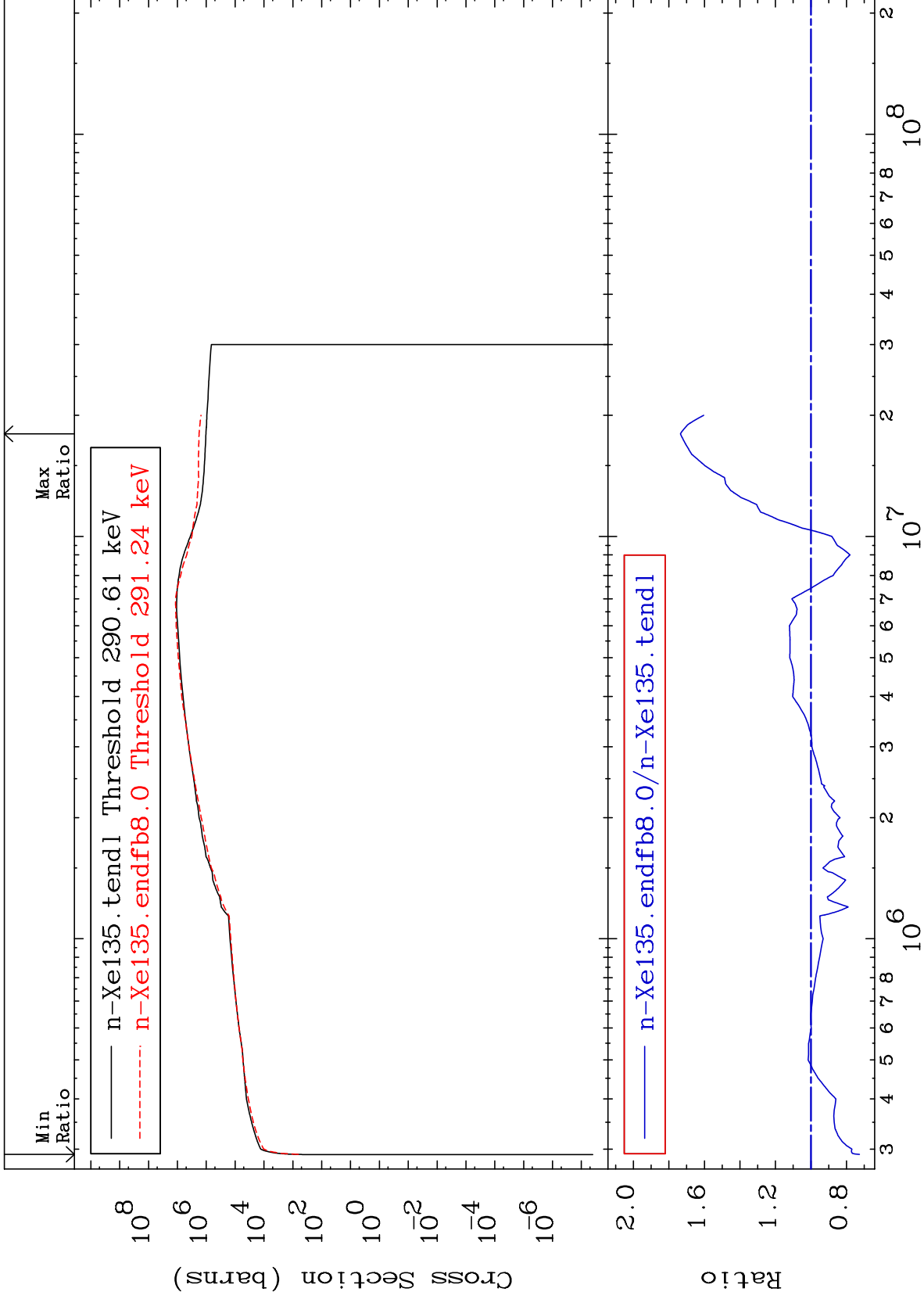




MAT 5458

Kerma inelastic (mt51-91)
Cross Section

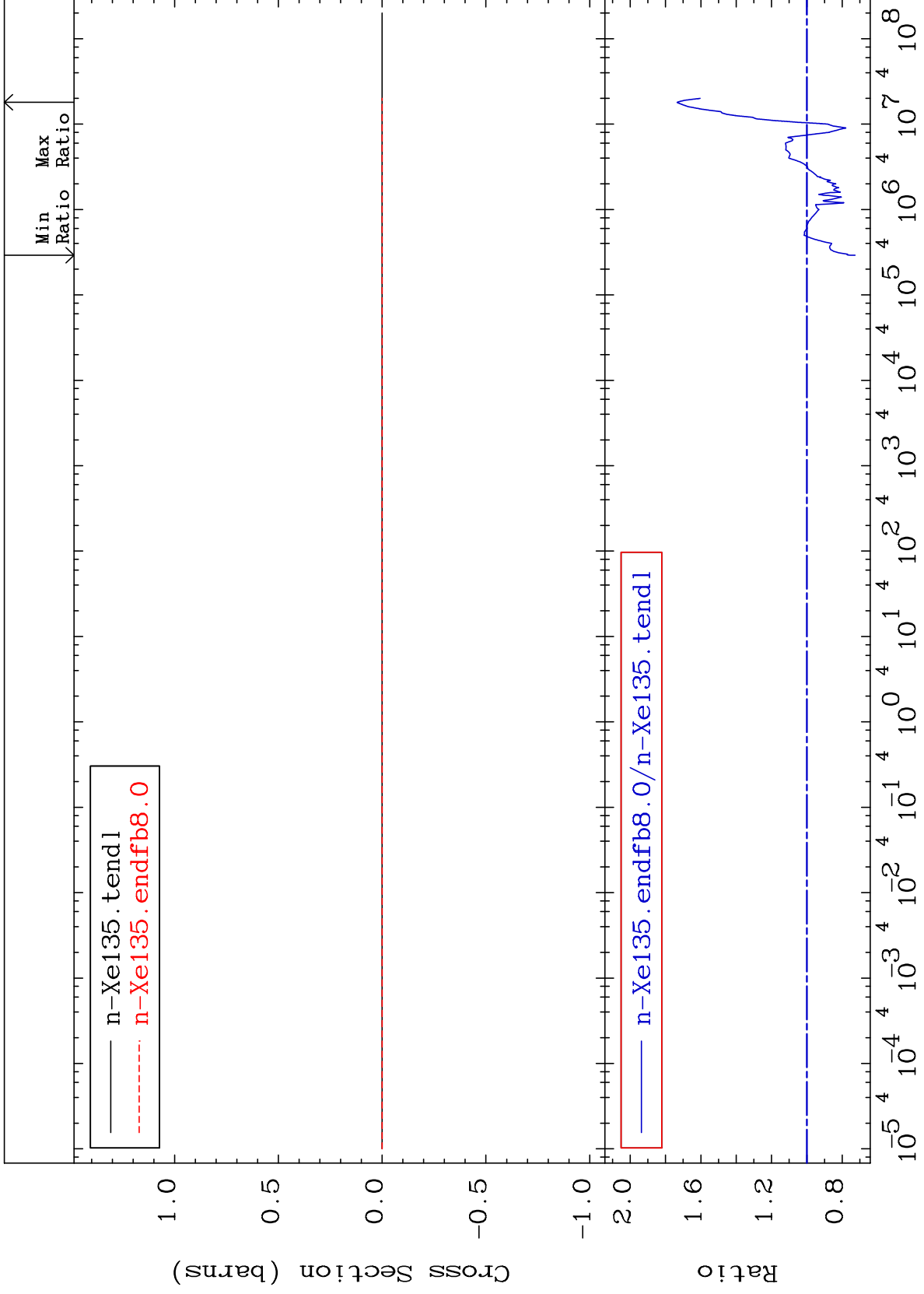
54-Xe-135
-27.29 To 73.54 %



MAT 5458

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

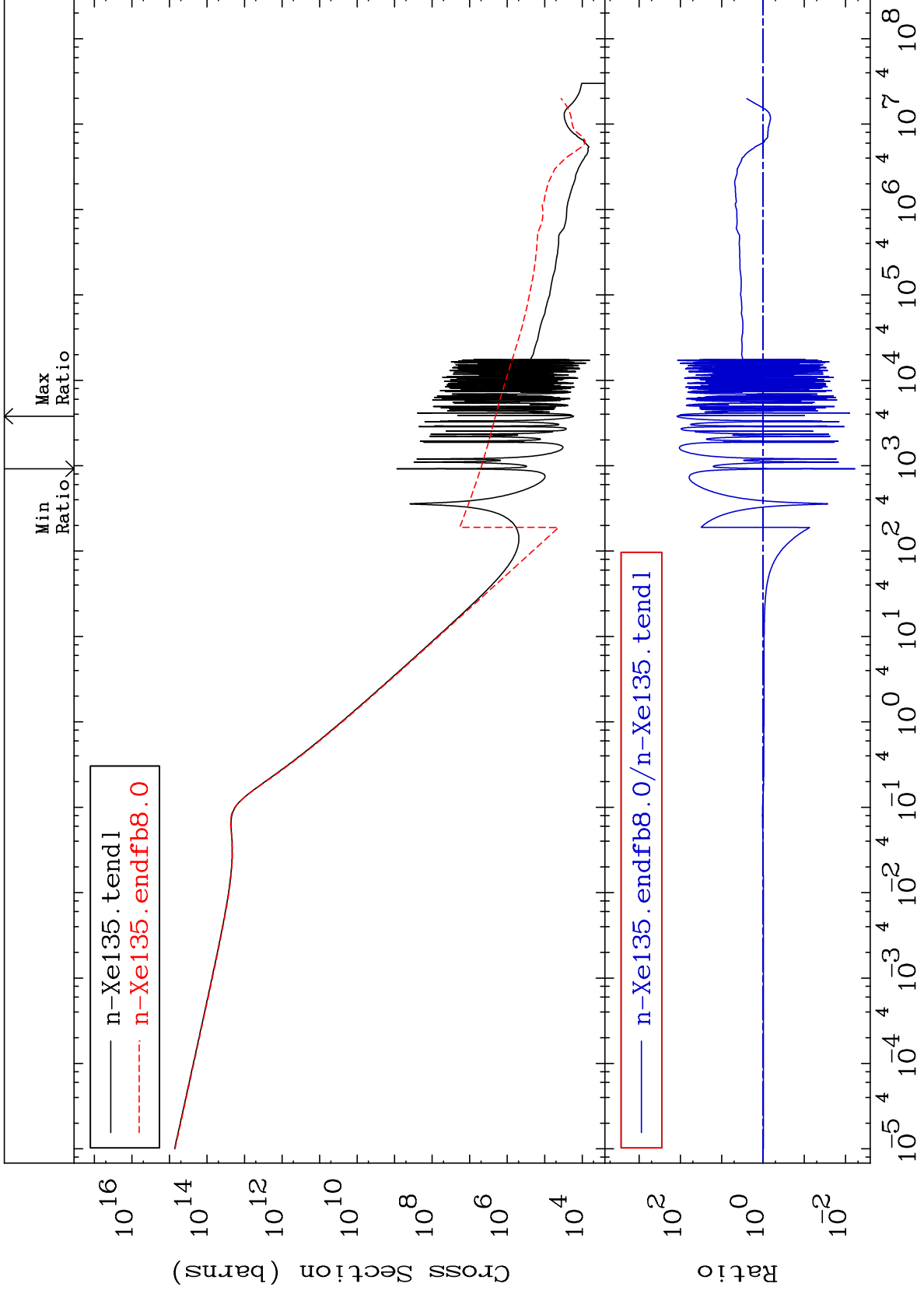
54-Xe-135
-27.29 To 73.54 %



MAT 5458

Kerma capture (mt102)
Cross Section

54-Xe-135
-99.41 To 9999. %



40

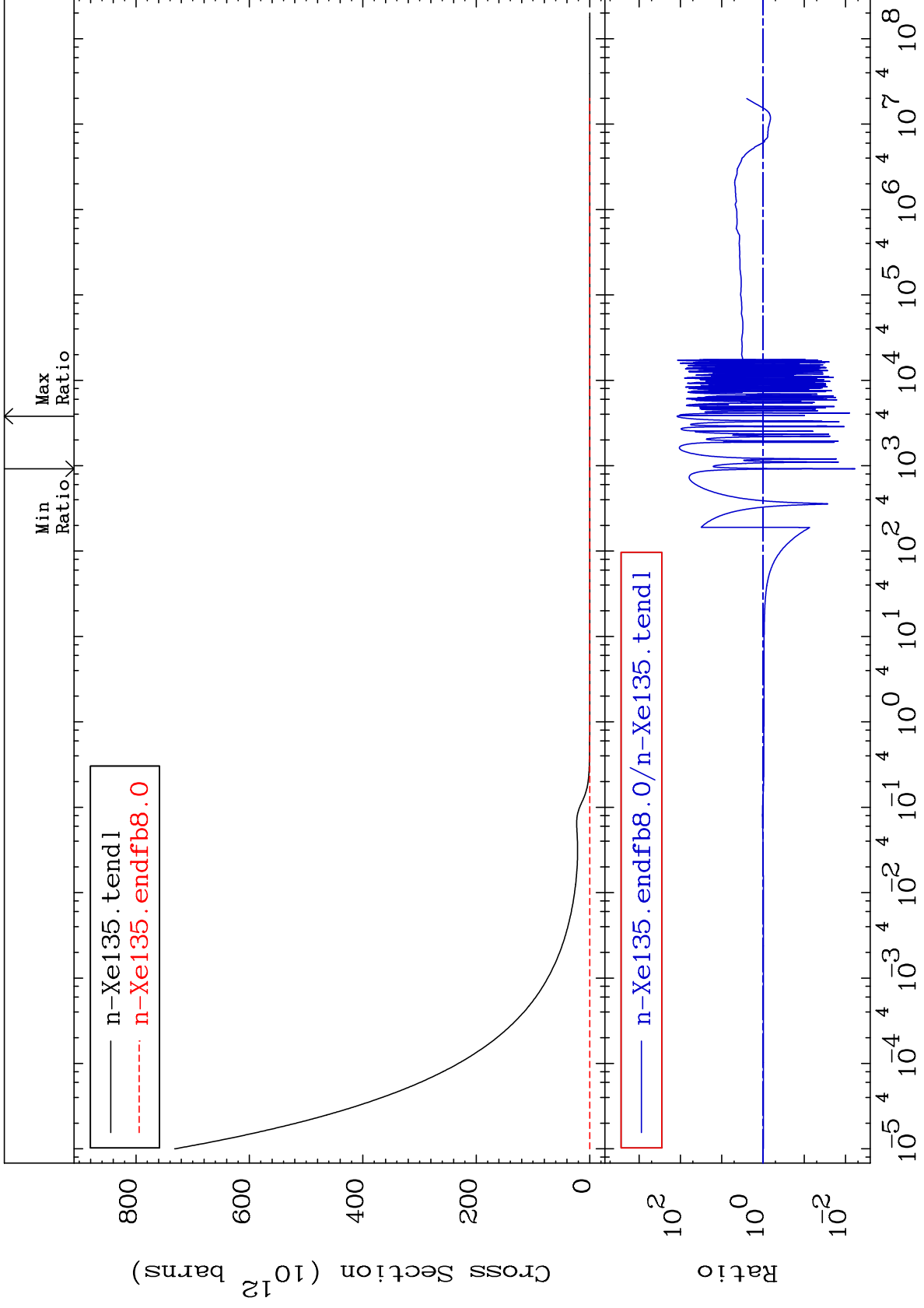
Incident Energy (eV)

54-Xe-135

MAT 5458

Total photon (eV-barns)
Cross Section

54-Xe-135
-99.41 To 9999. %



41

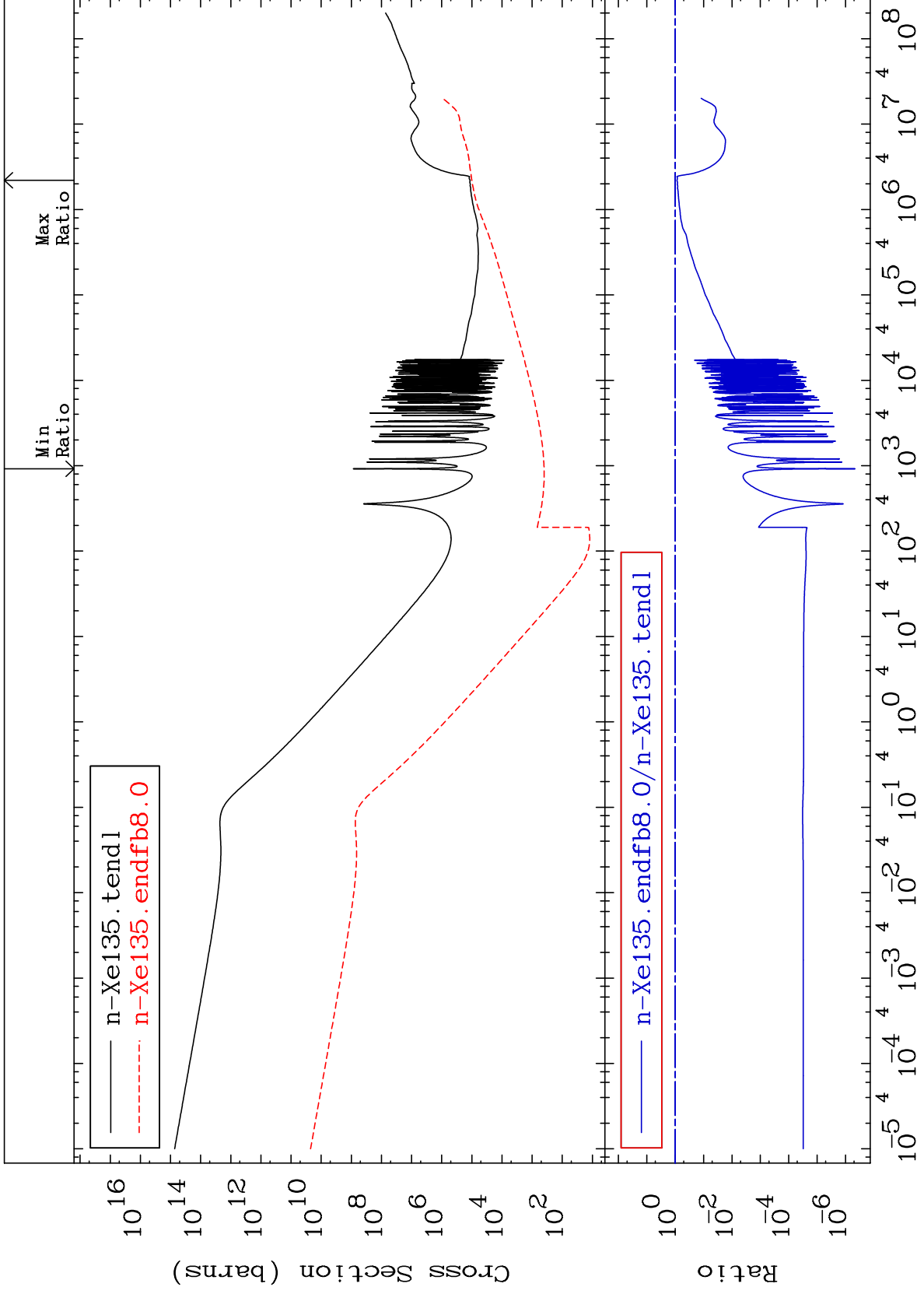
Incident Energy (eV)

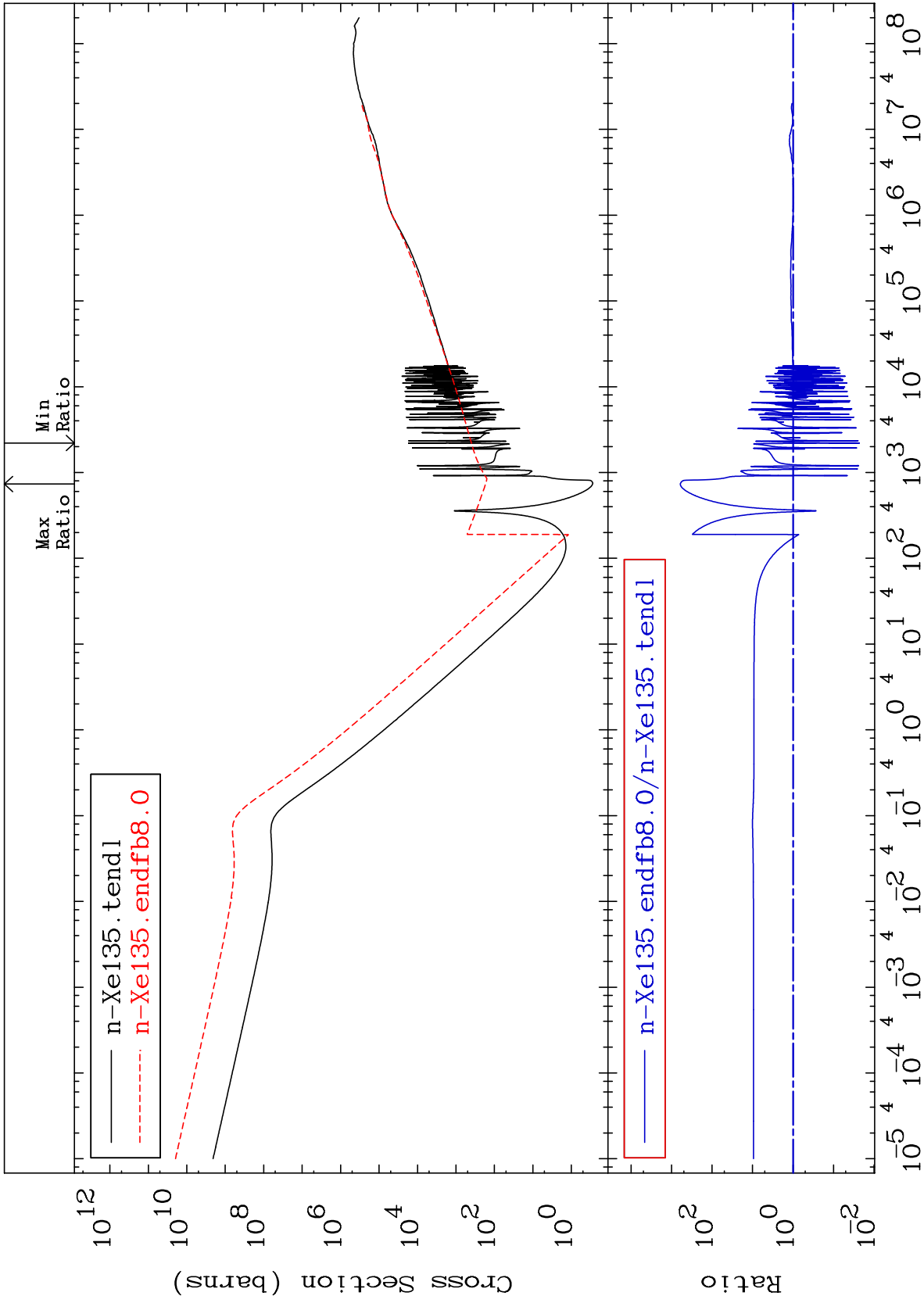
54-Xe-135

MAT 5458

Total kinematic kerma (high limit)
Cross Section

54-Xe-135
-100.0 To -12.90%

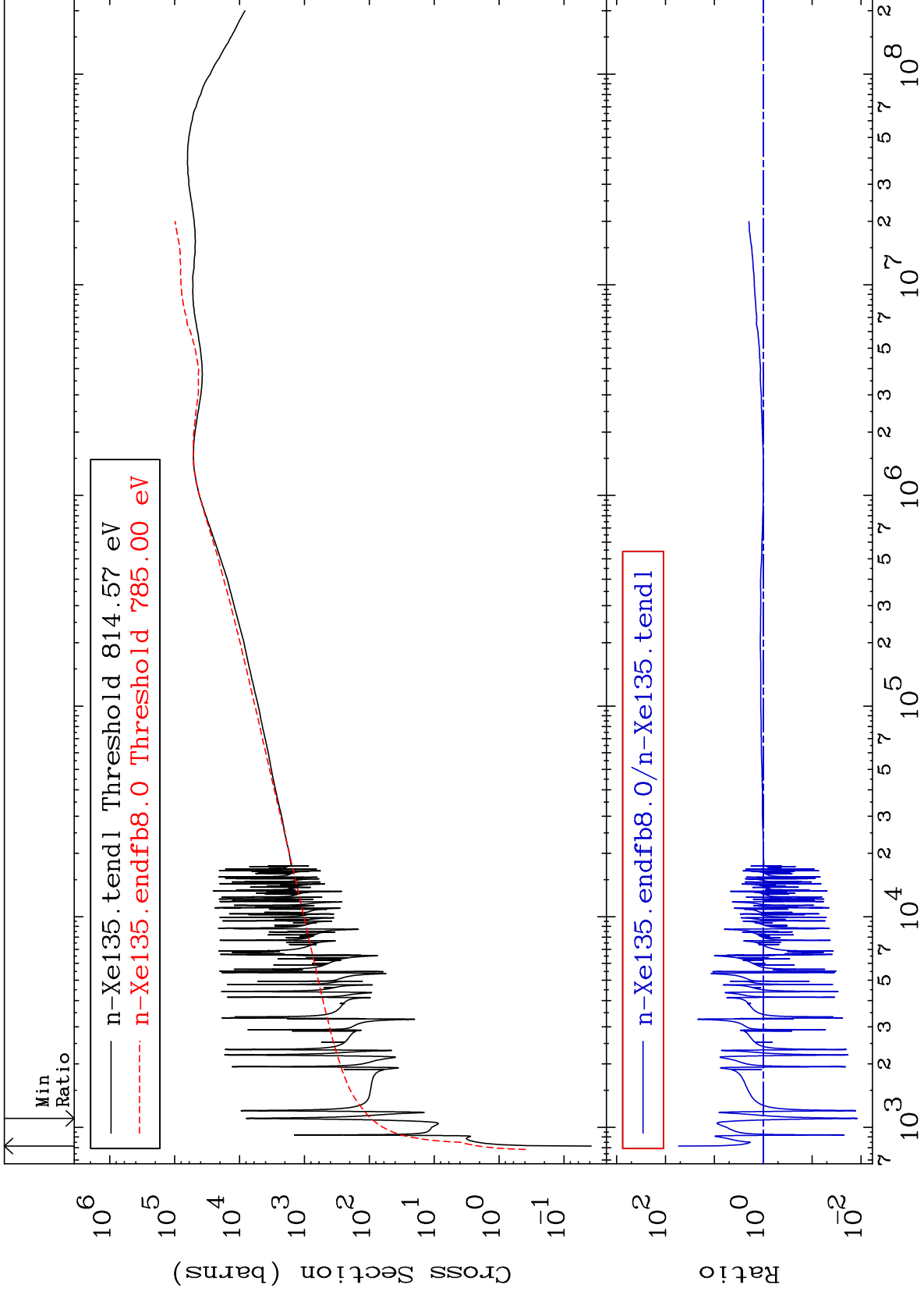


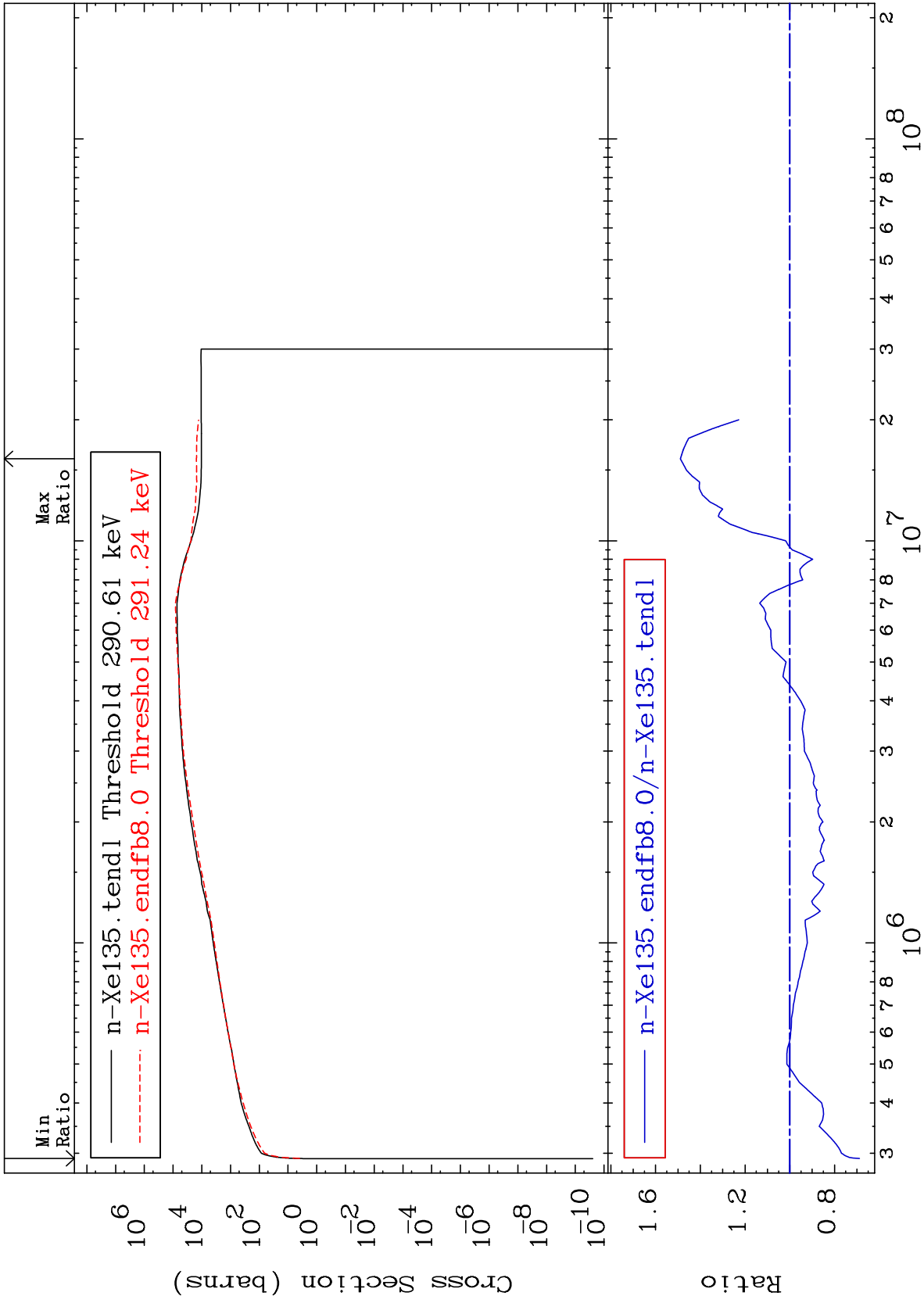


MAT 5458

Dpa elastic (mt2)
Cross Section

54-Xe-135
-98.81 To 5287. %





MAT 5458

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-135
-94.12 To 9999. %

