

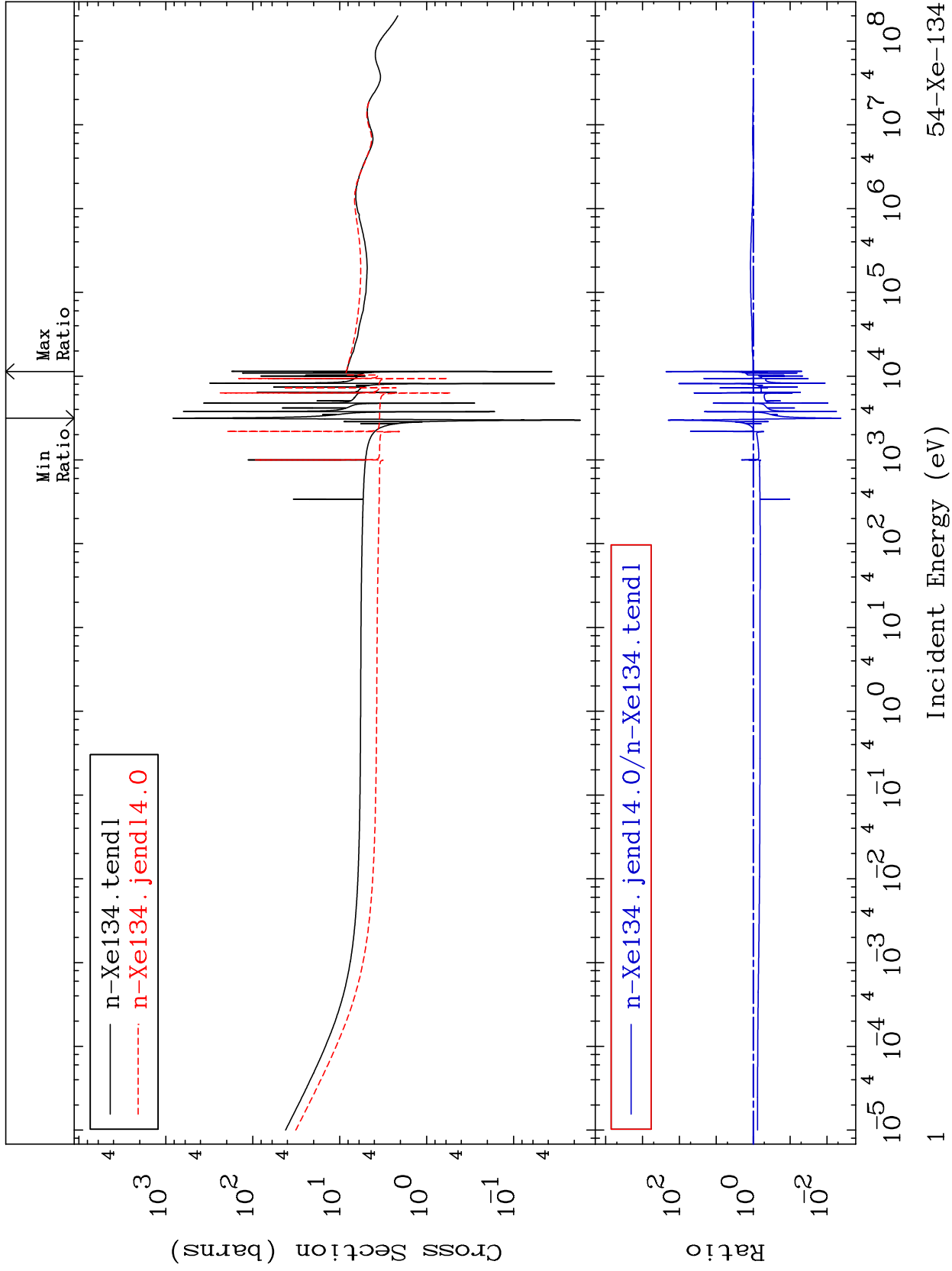
MAT 5455

Total

54-Xe-134

Cross Section

-99.58 To 9999. %



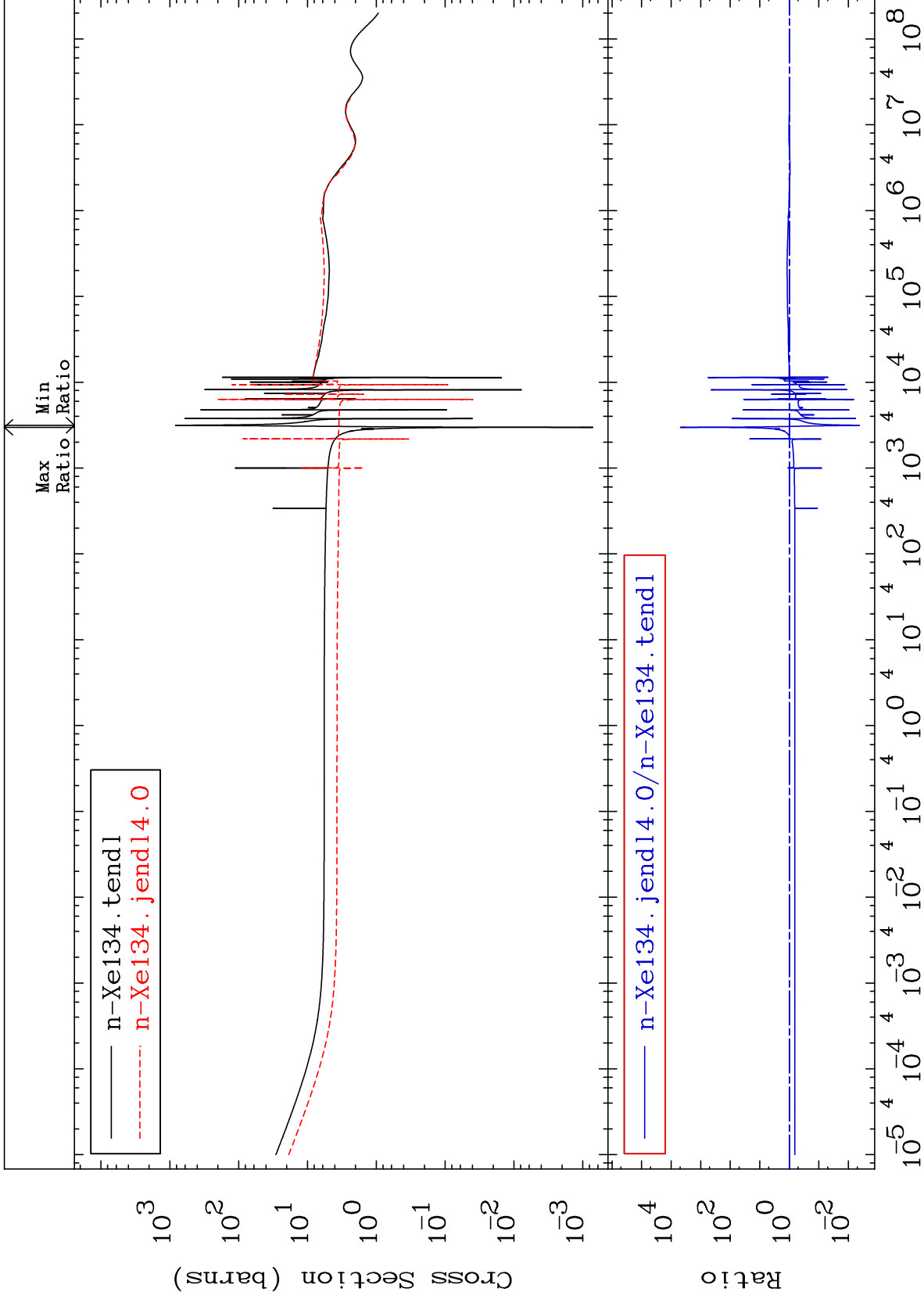
Incident Energy (eV)

54-Xe-134

MAT 5455

Elastic
Cross Section

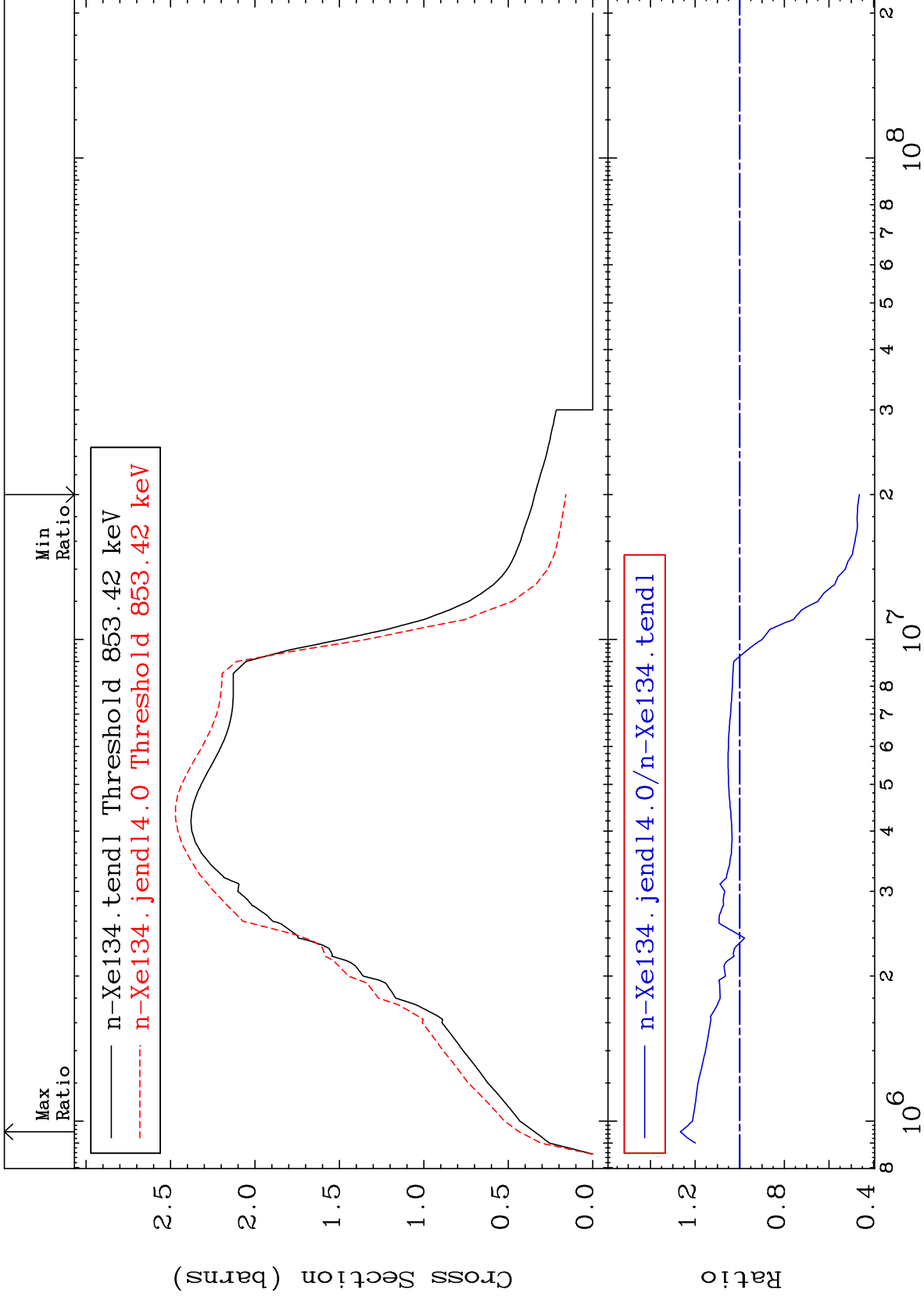
54-Xe-134
-99.58 To 9999. %



MAT 5455

Inelastic
Cross Section

54-Xe-134
-53.67 To 26.61 %



Incident Energy (eV)

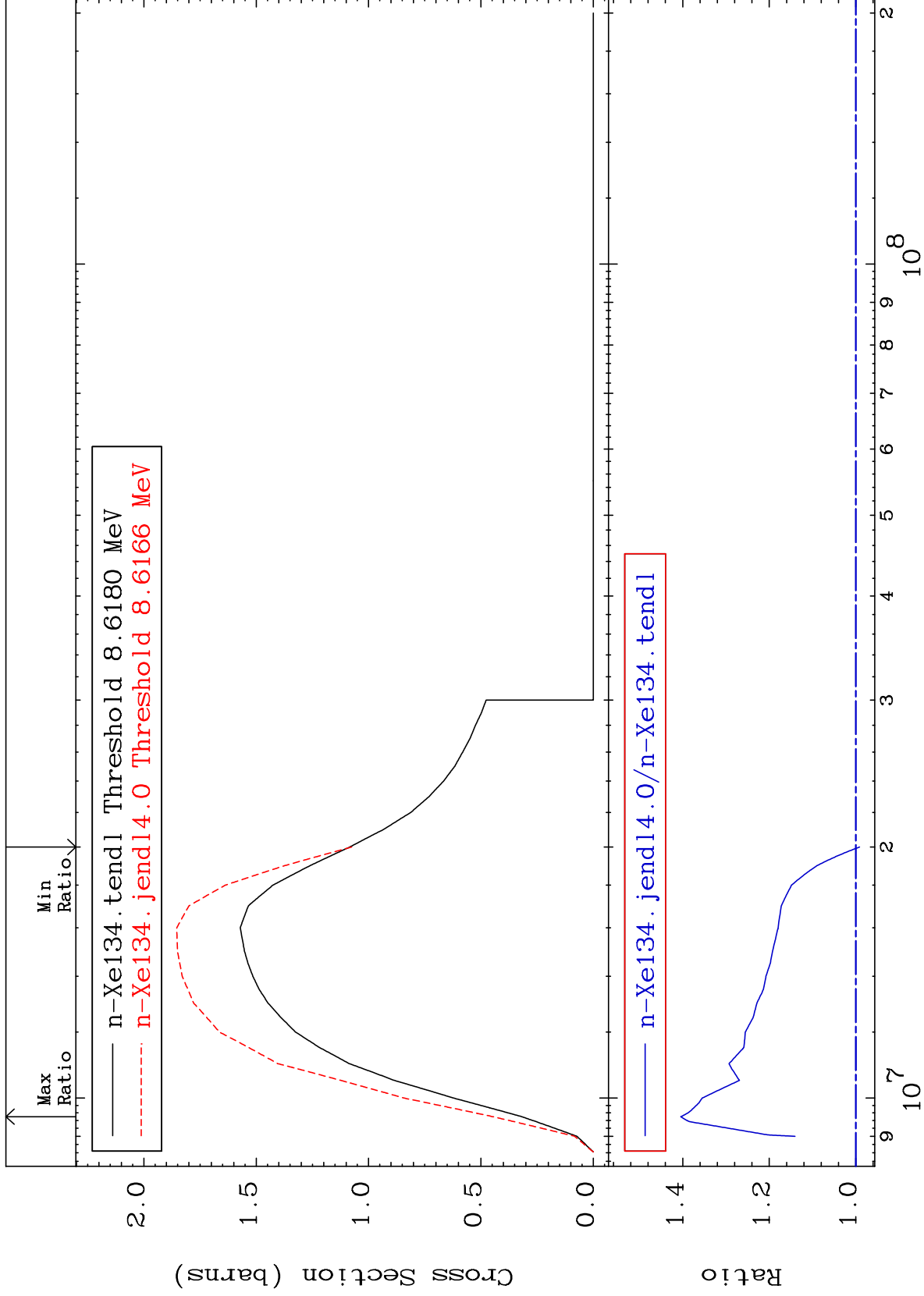
54-Xe-134

3

MAT 5455

(n,2n)
Cross Section

54-Xe-134
-0.853 To 40.45 %



4

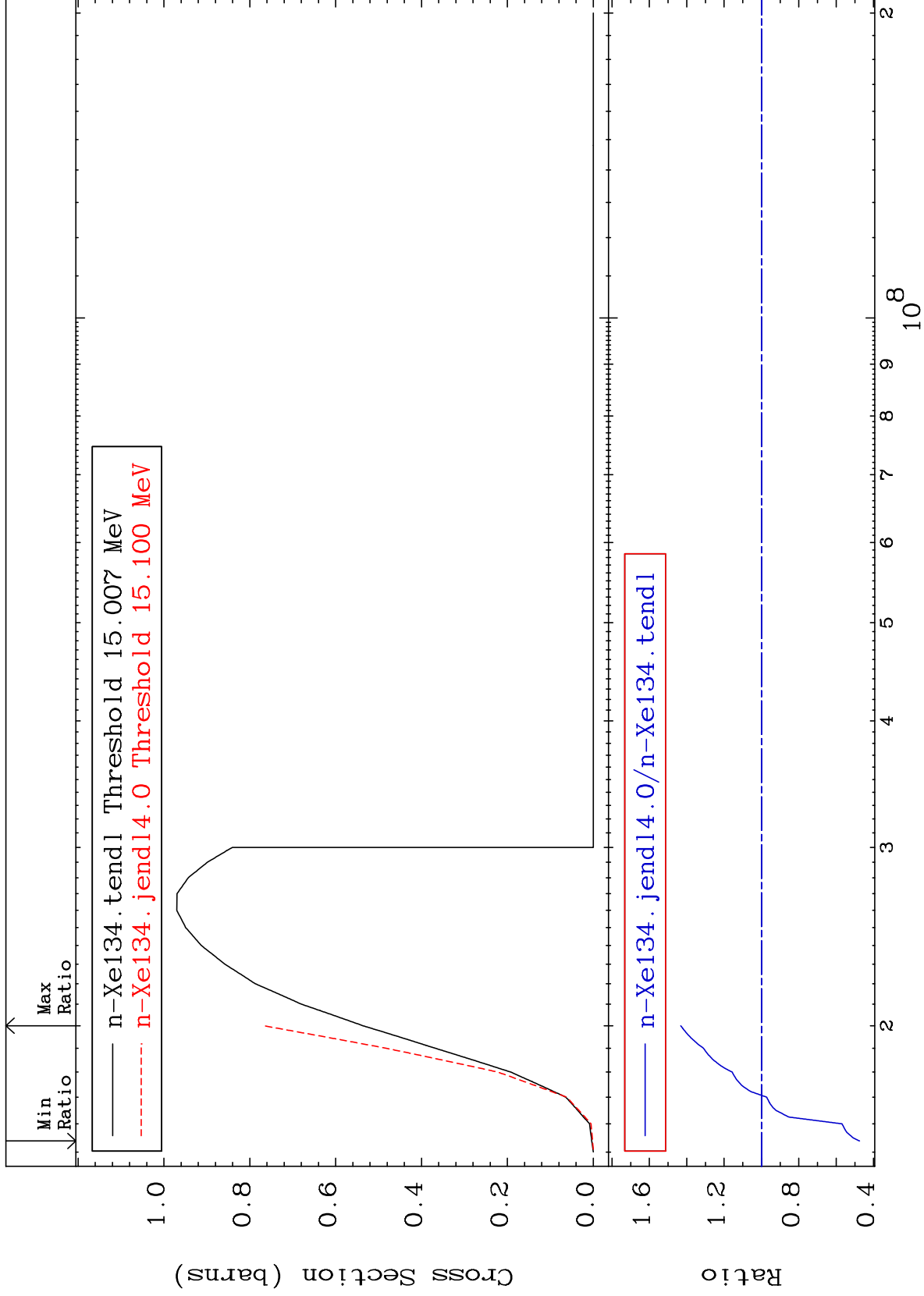
Incident Energy (eV)

54-Xe-134

MAT 5455

(n,3n)
Cross Section

54-Xe-134
-52.49 To 43.19 %

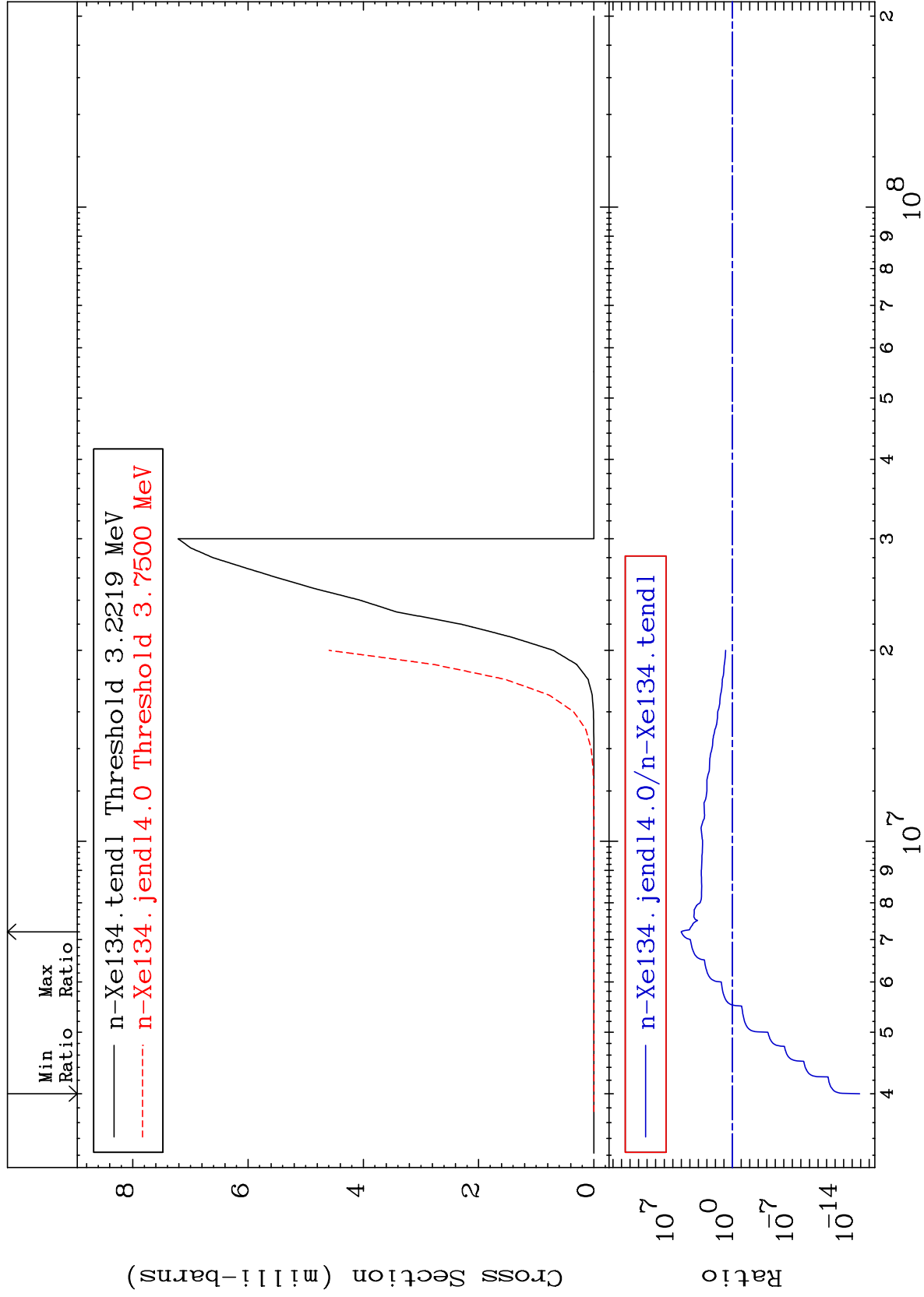


MAT 5455

(n, n') α
Cross Section

54-Xe-134

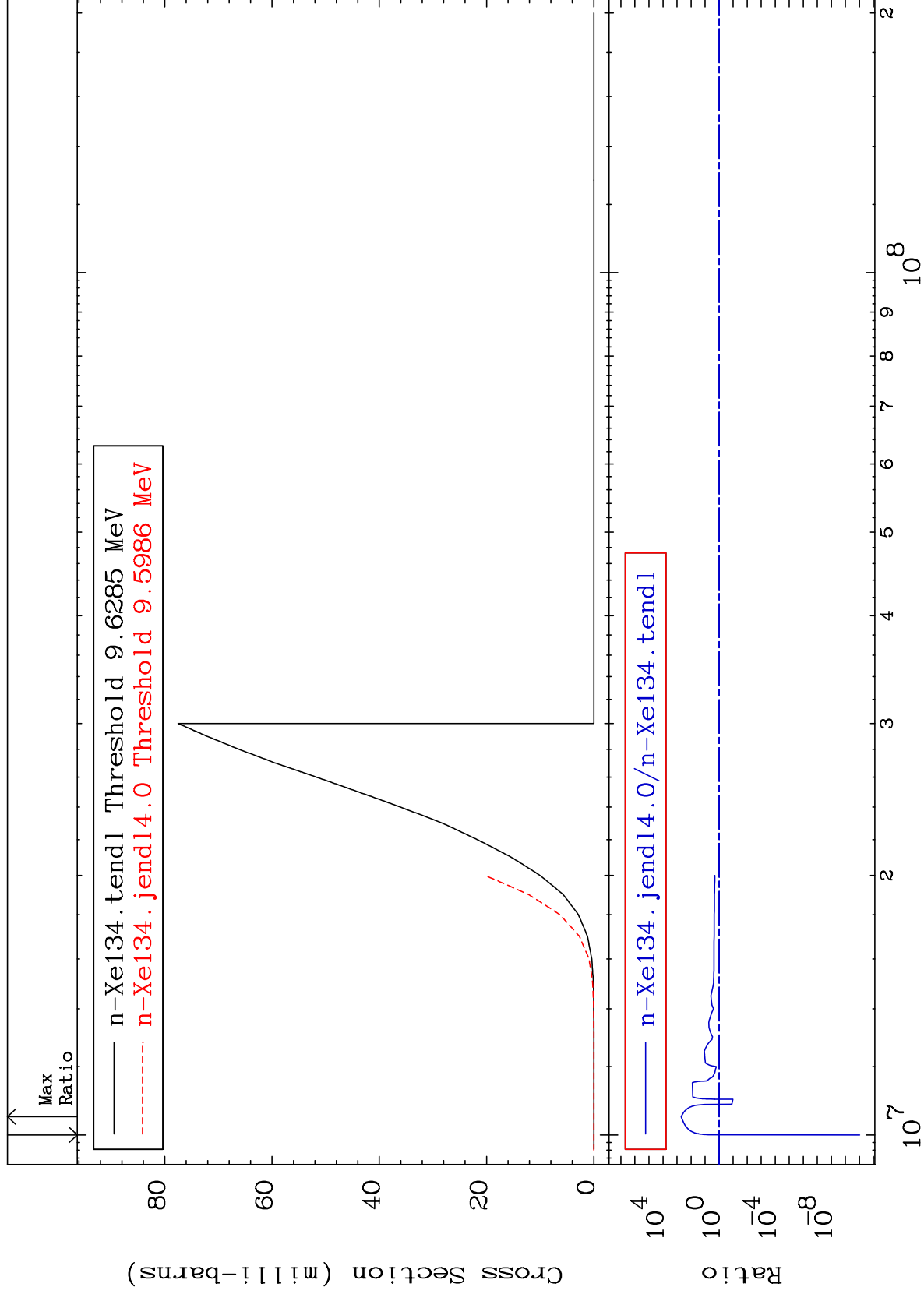
-100.0 To 9999. %



MAT 5455

(n,n') p
Cross Section

54-Xe-134
-100.0 To 9999. %



54-Xe-134

Incident Energy (eV)

7

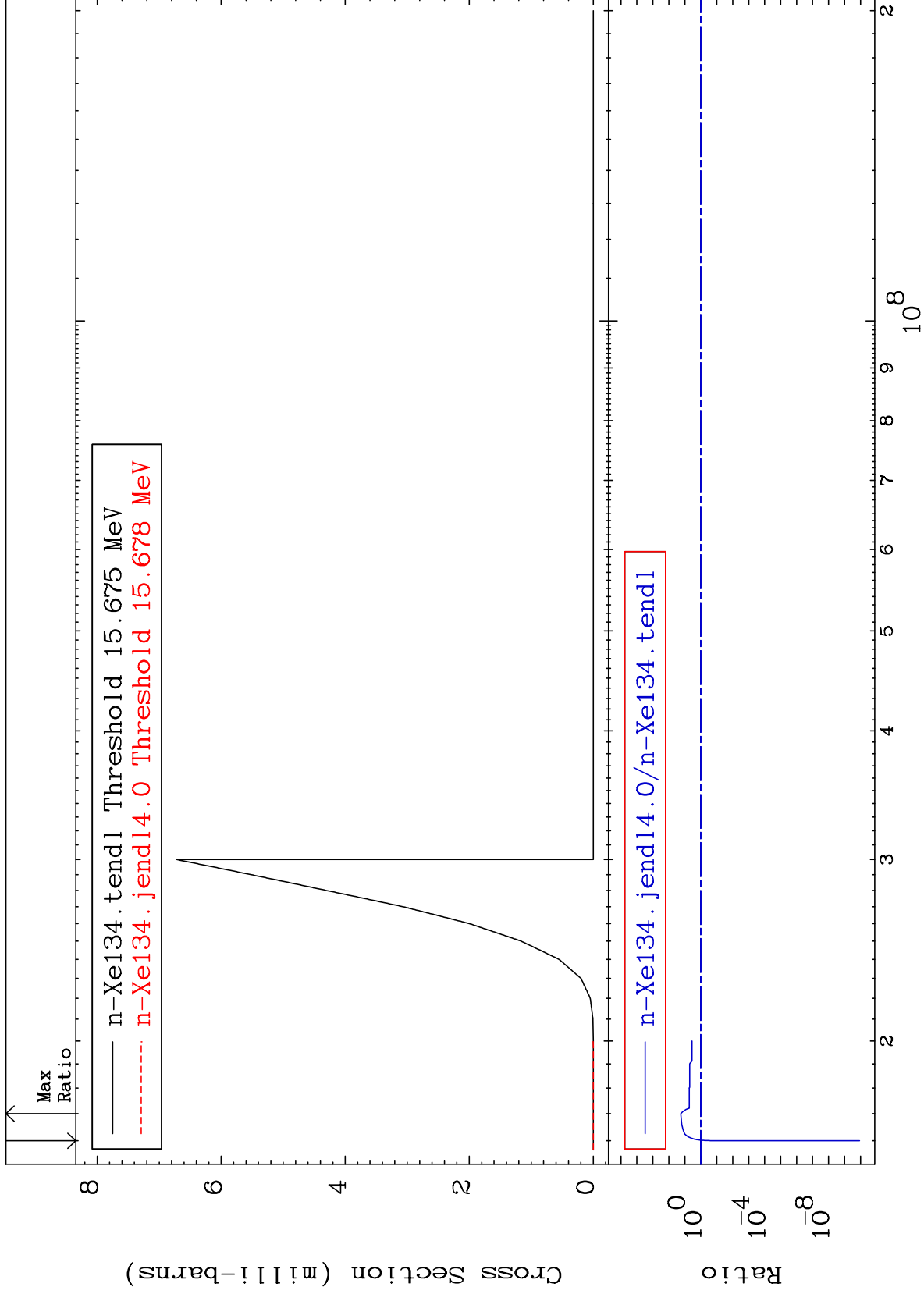
MAT 5455

(n,n') d

54-Xe-134

Cross Section

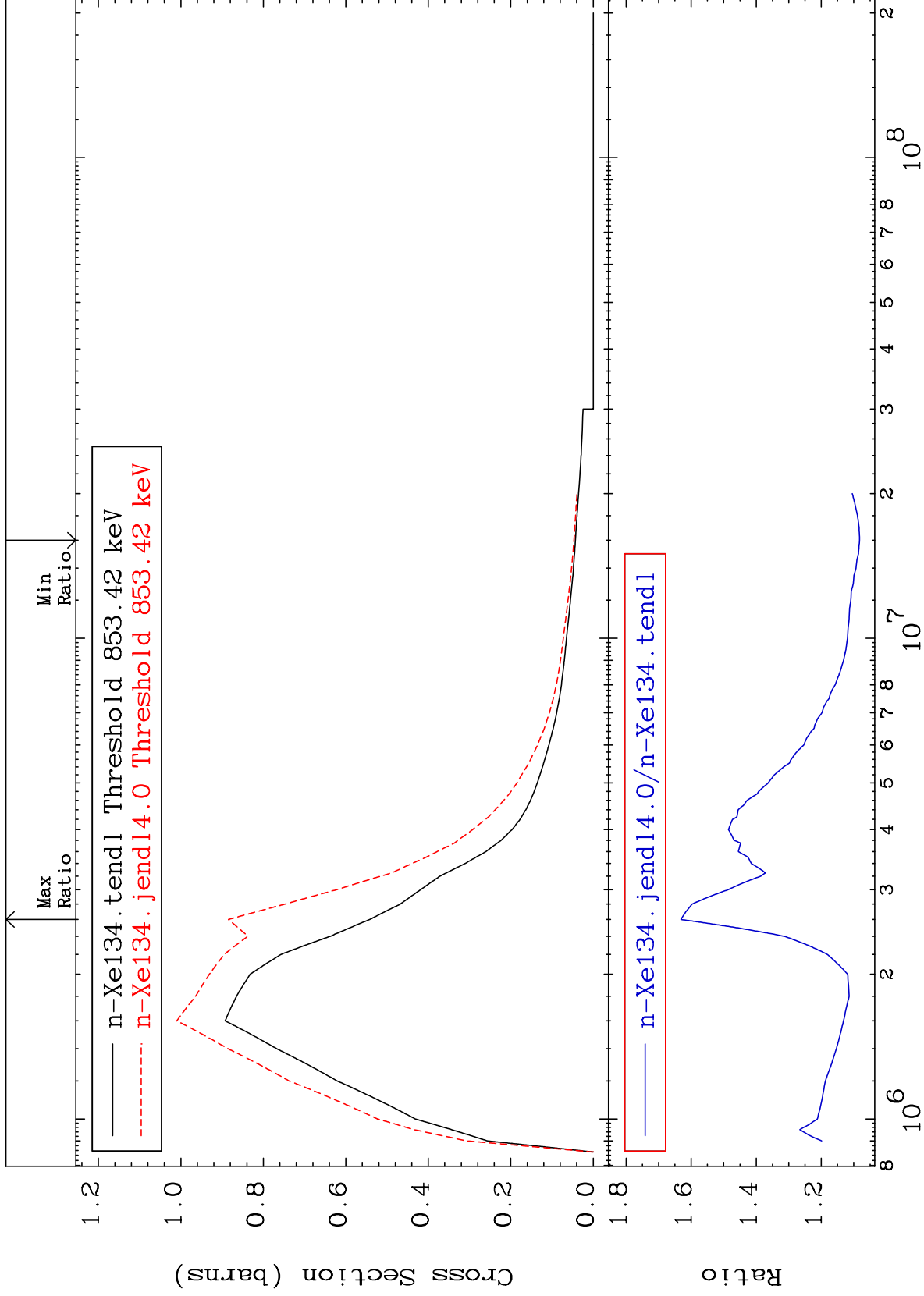
-100.0 To 1686. %



MAT 5455

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

54-Xe-134
8.236 To 63.20 %



9

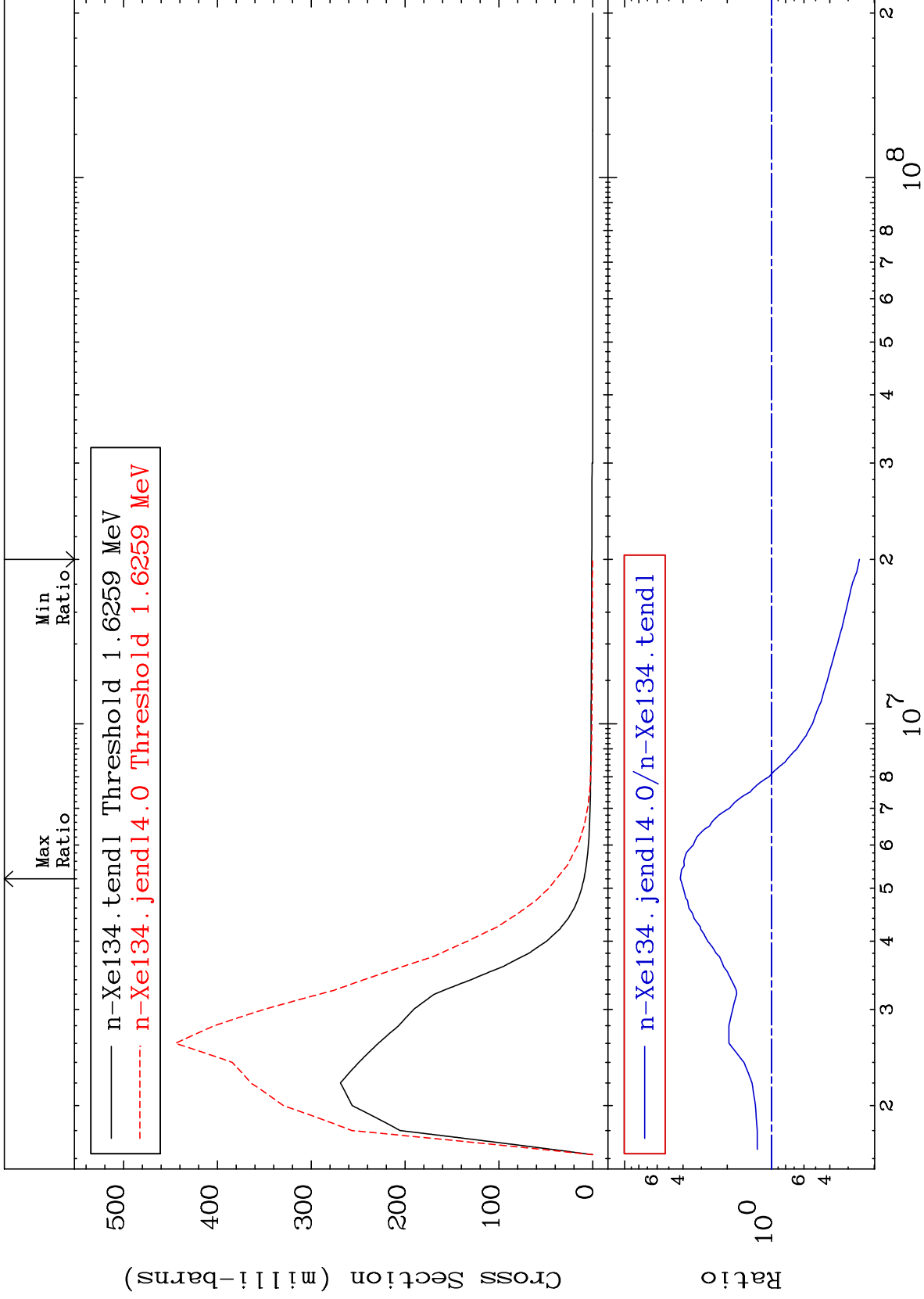
Incident Energy (eV)

54-Xe-134

MAT 5455

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

54-Xe-134
-74.82 To 317.1 %



10

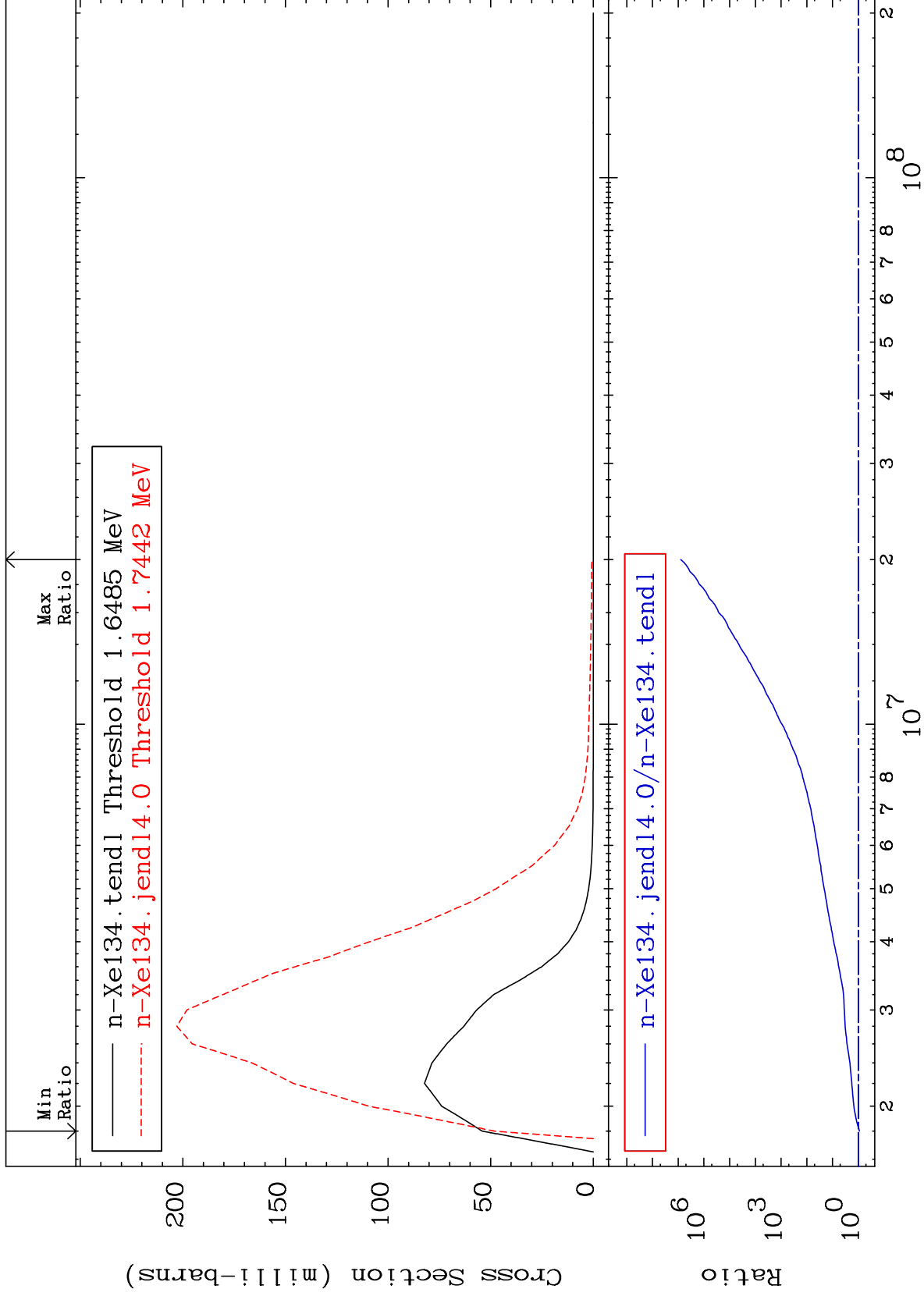
Incident Energy (eV)

54-Xe-134

MAT 5455

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

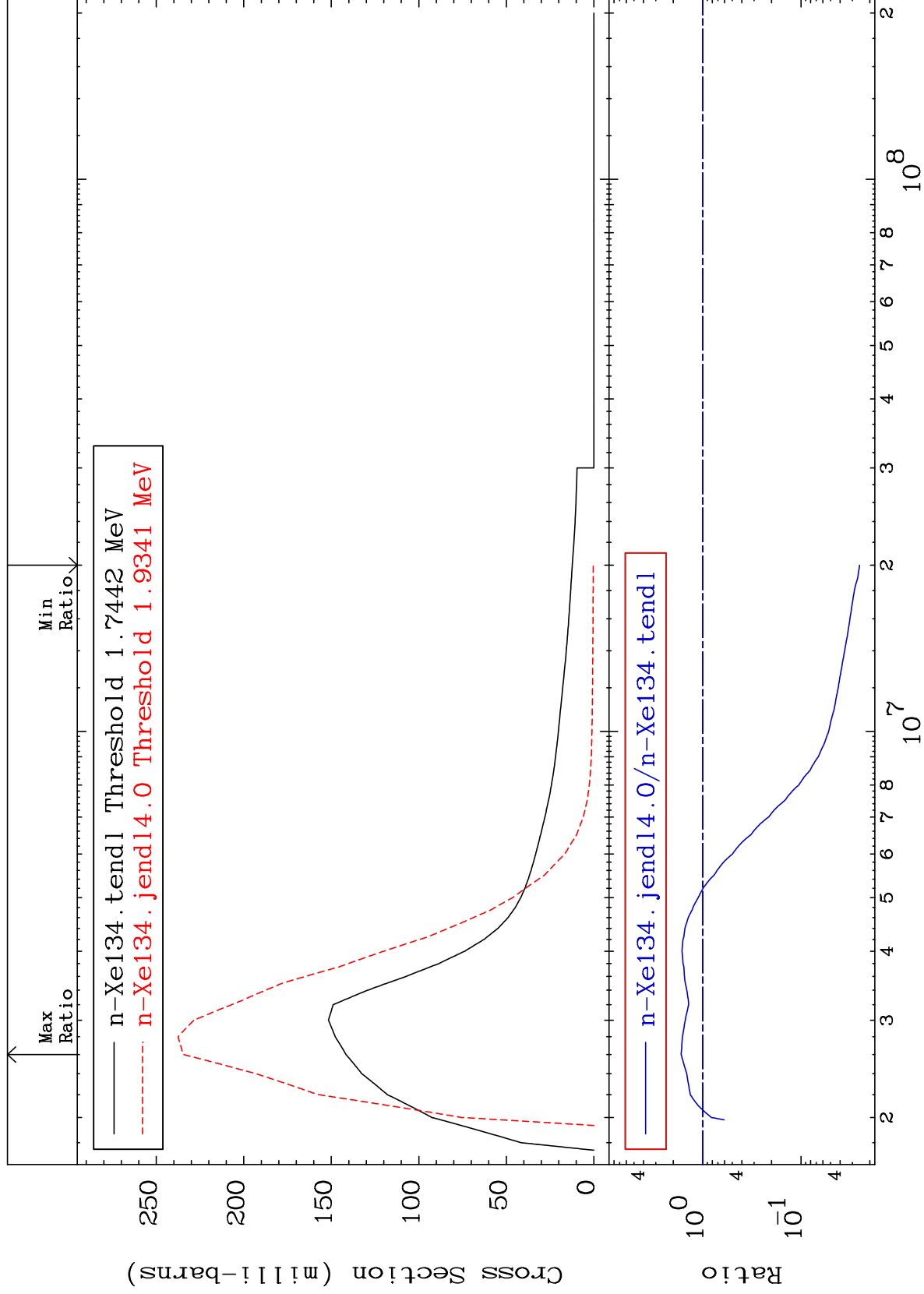
54-Xe-134
-11.00 To 9999. %



MAT 5455

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

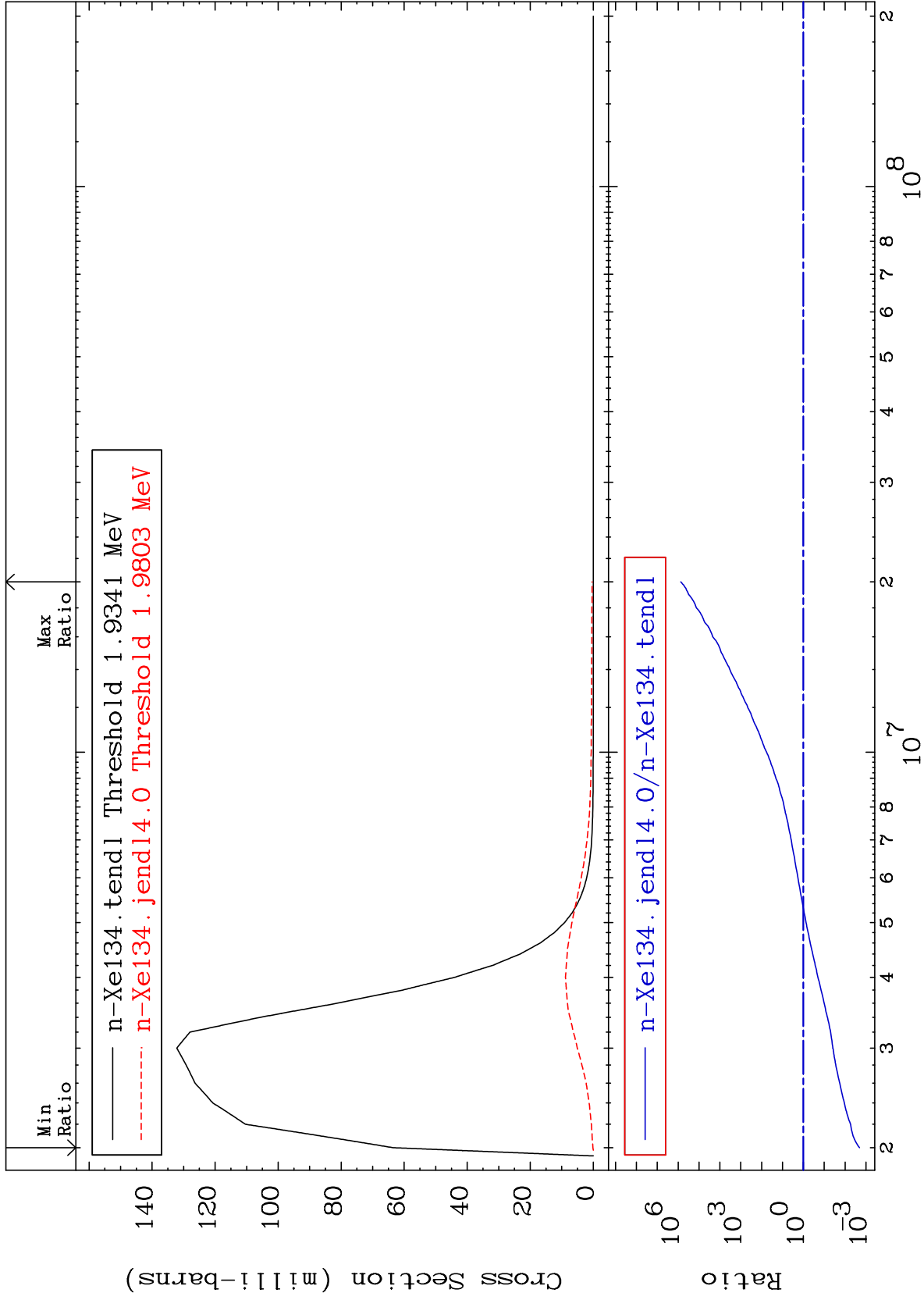
54-Xe-134
-97.47 To 65.70 %



MAT 5455

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

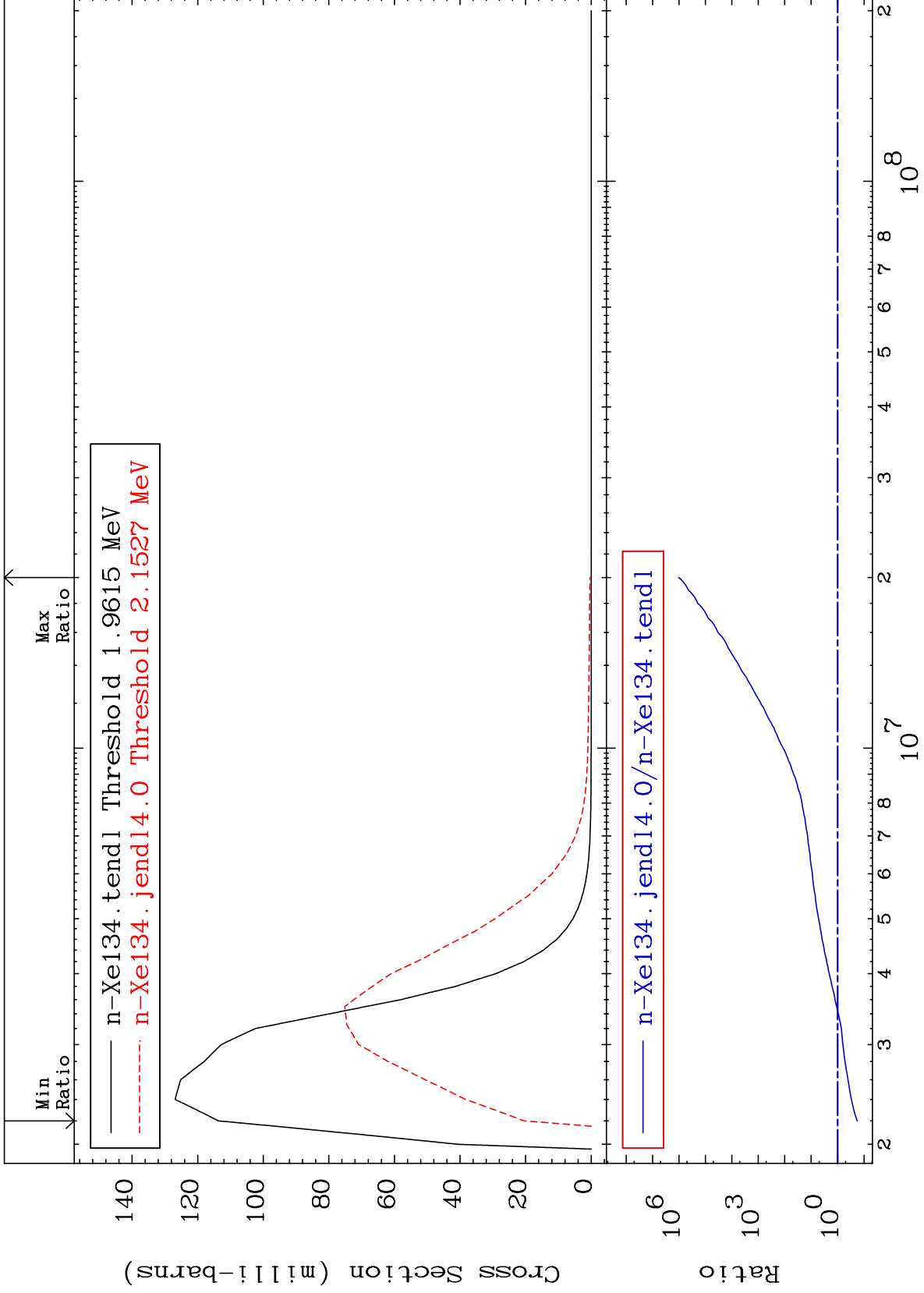
54-Xe-134
-99.80 To 9999. %



MAT 5455

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

54-Xe-134
-81.95 To 9999. %



14

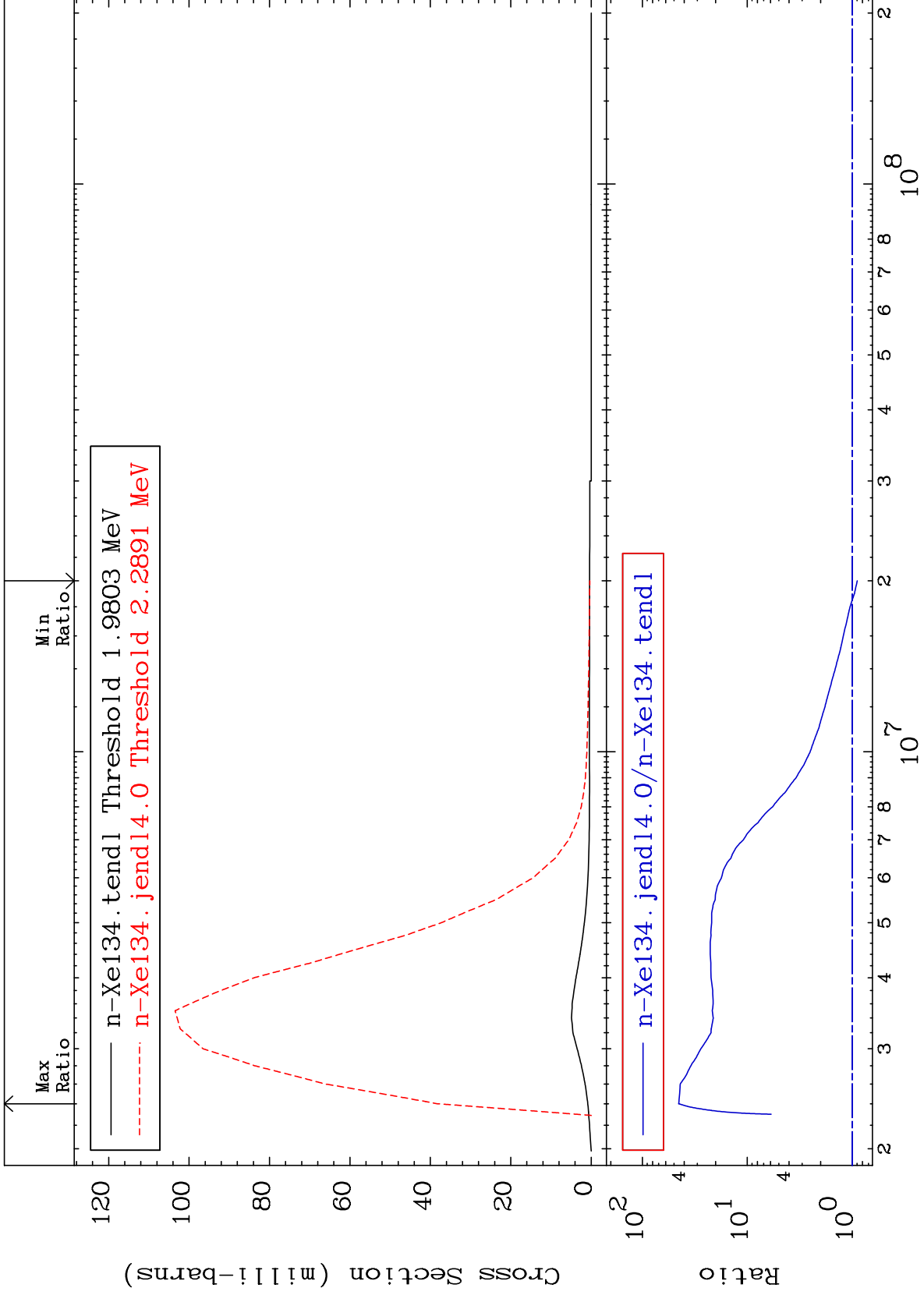
Incident Energy (eV)

54-Xe-134

MAT 5455

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

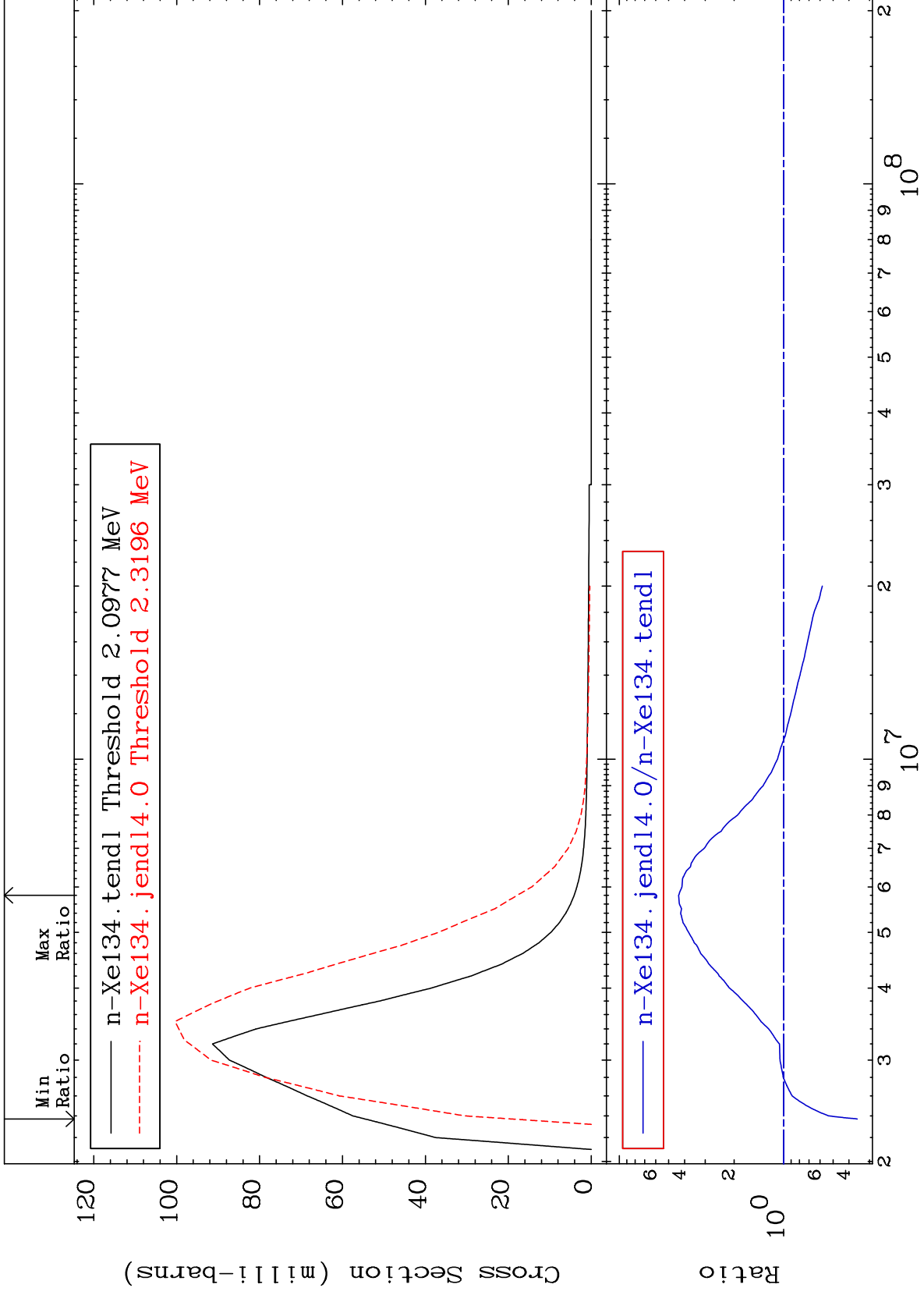
54-Xe-134
-10.36 To 4411. %



MAT 5455

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

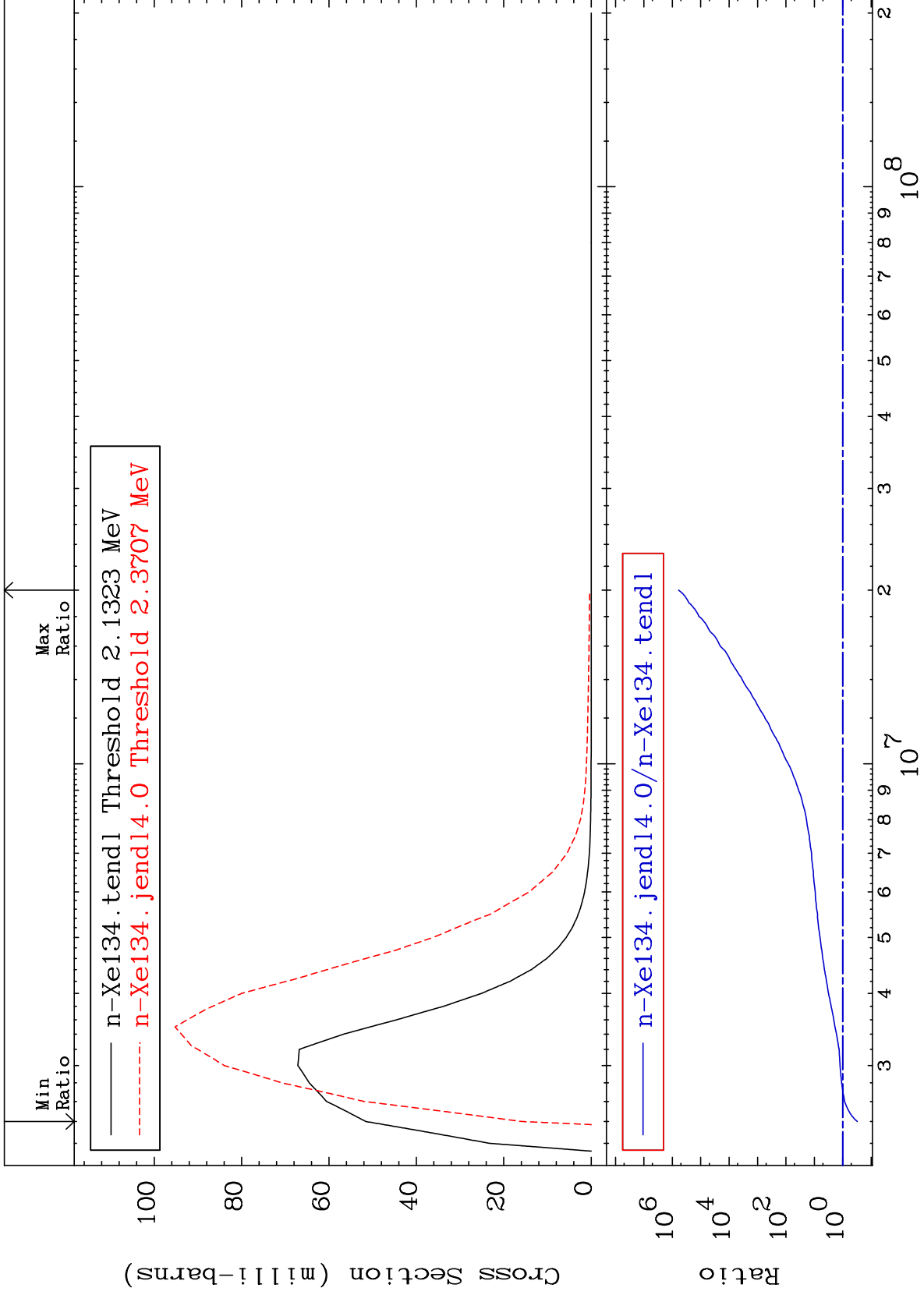
54-Xe-134
-64.40 To 335.0 %



MAT 5455

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

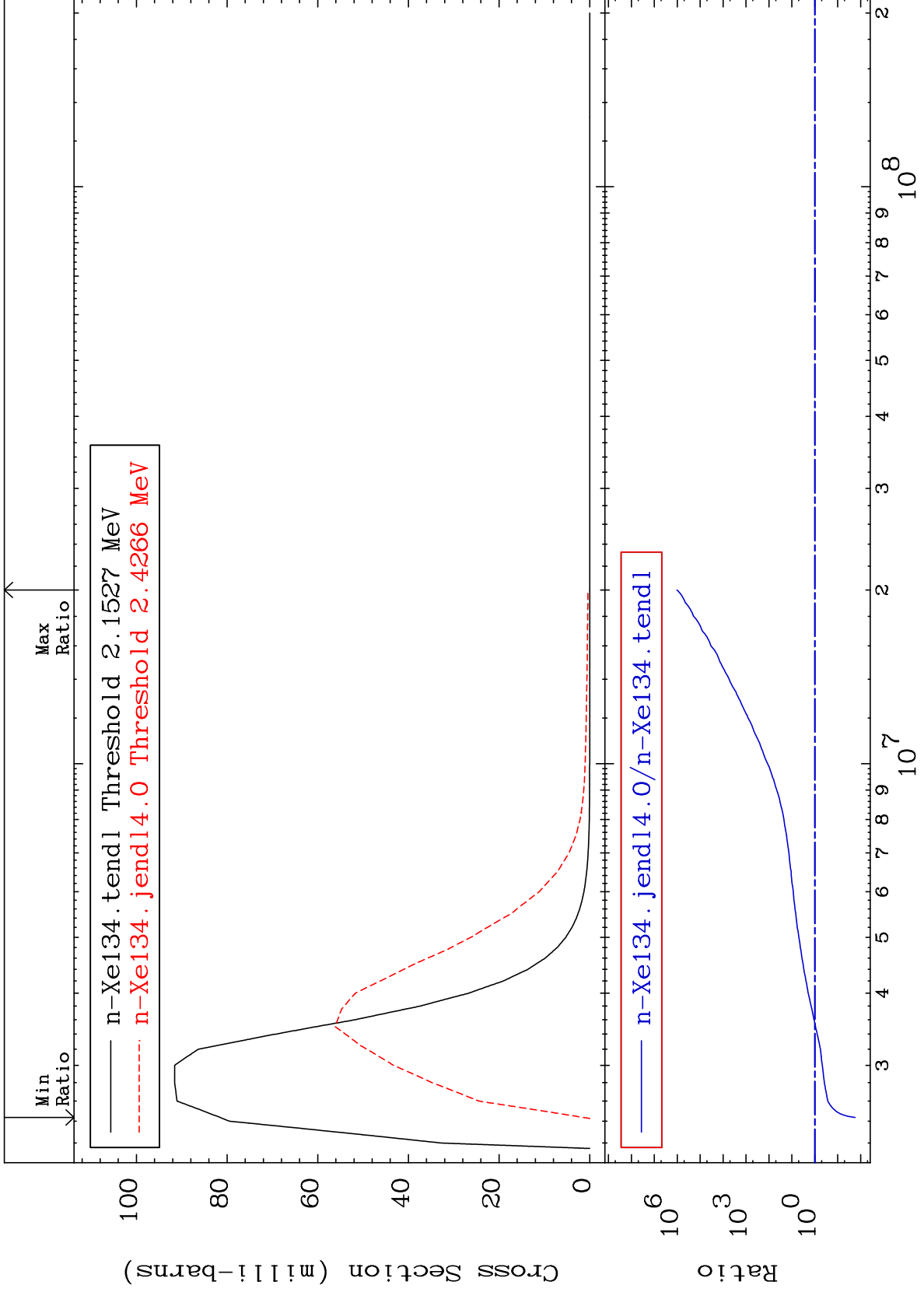
54-Xe-134
-69.12 To 9999. %



MAT 5455

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

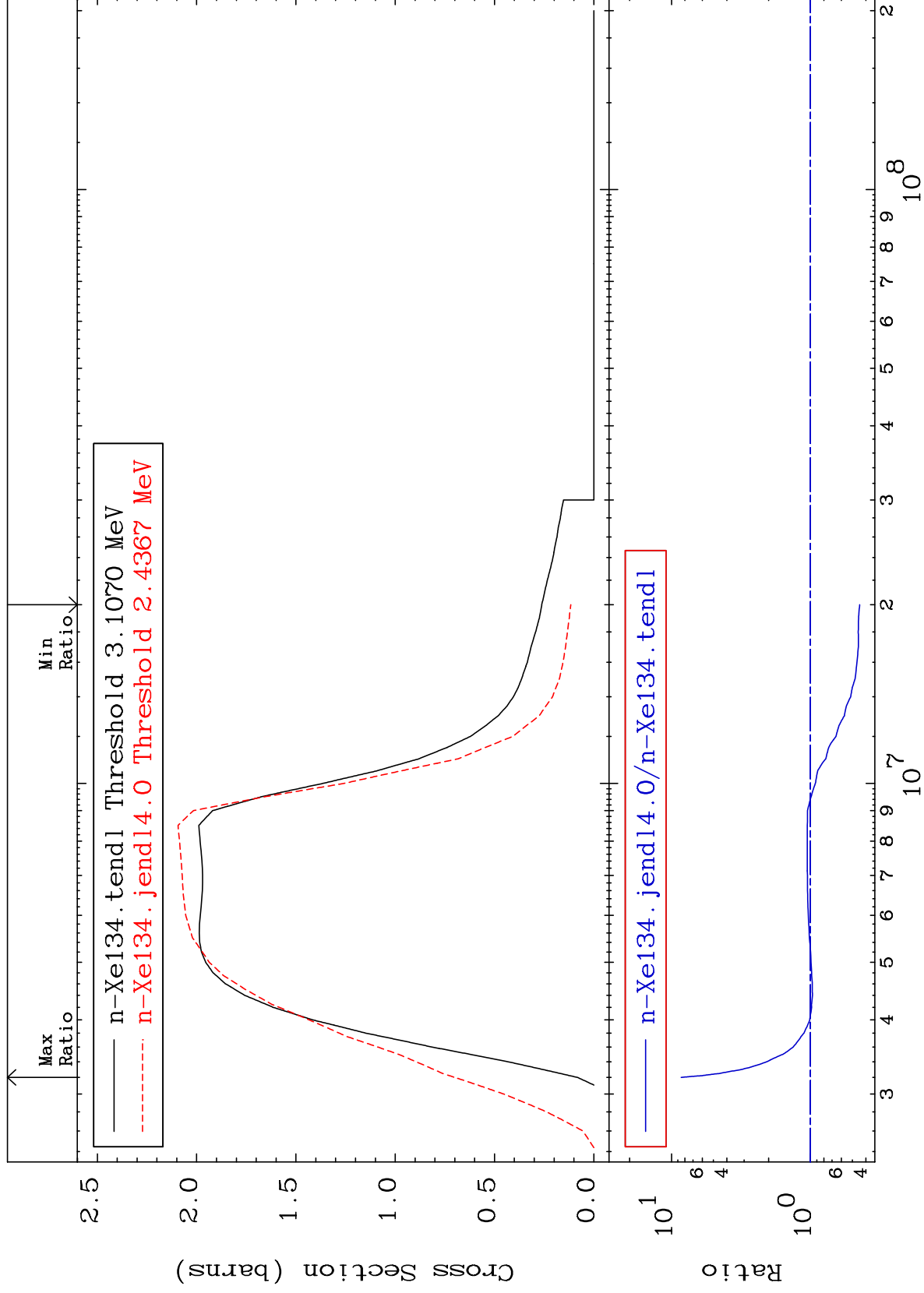
54-Xe-134
-98.26 To 9999. %



MAT 5455

(n, n') Continuum
Cross Section

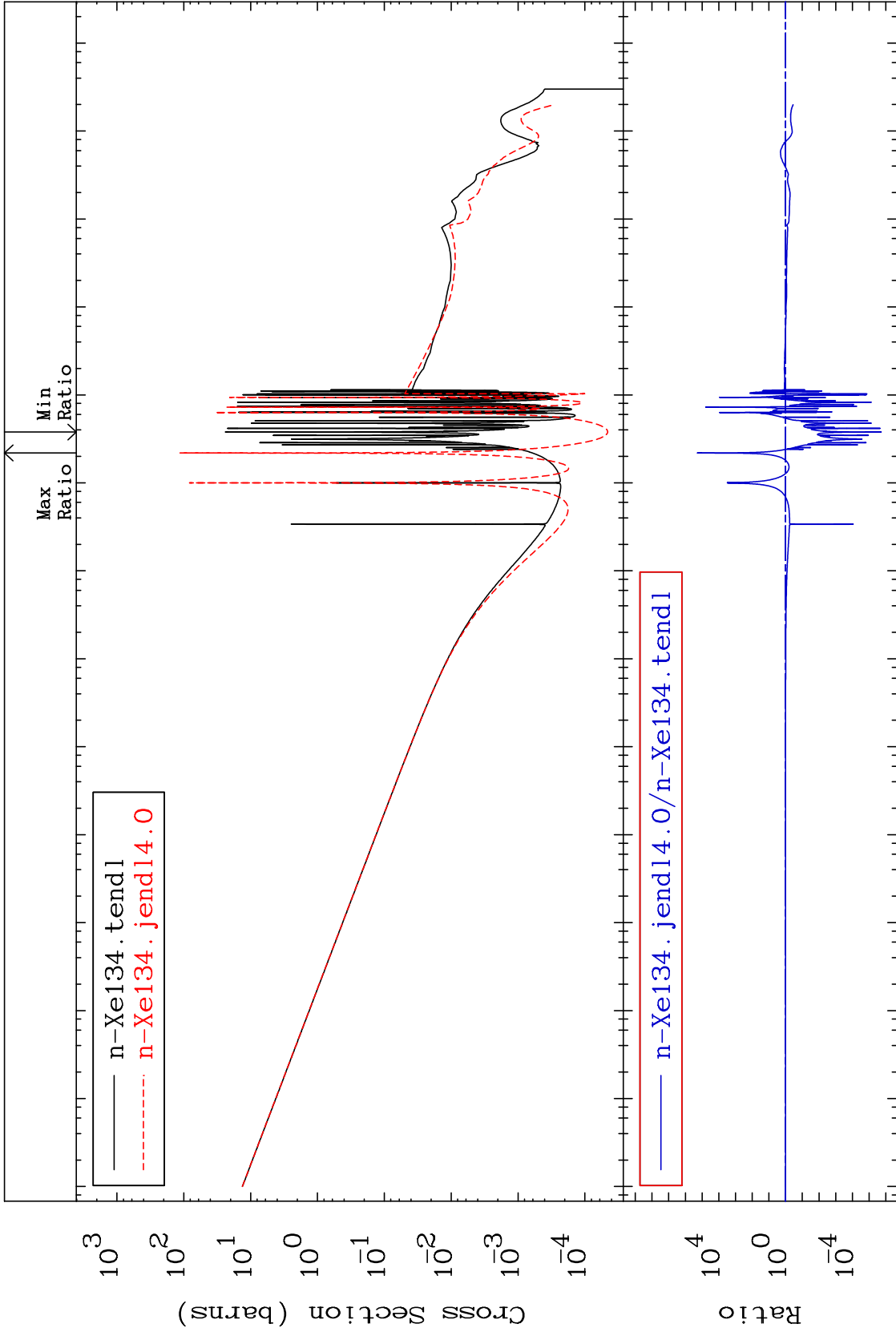
54-Xe-134
-55.72 To 751.5 %



MAT 5455

(n, γ)
Cross Section

54-Xe-134
-100.0 To 9999. %



20

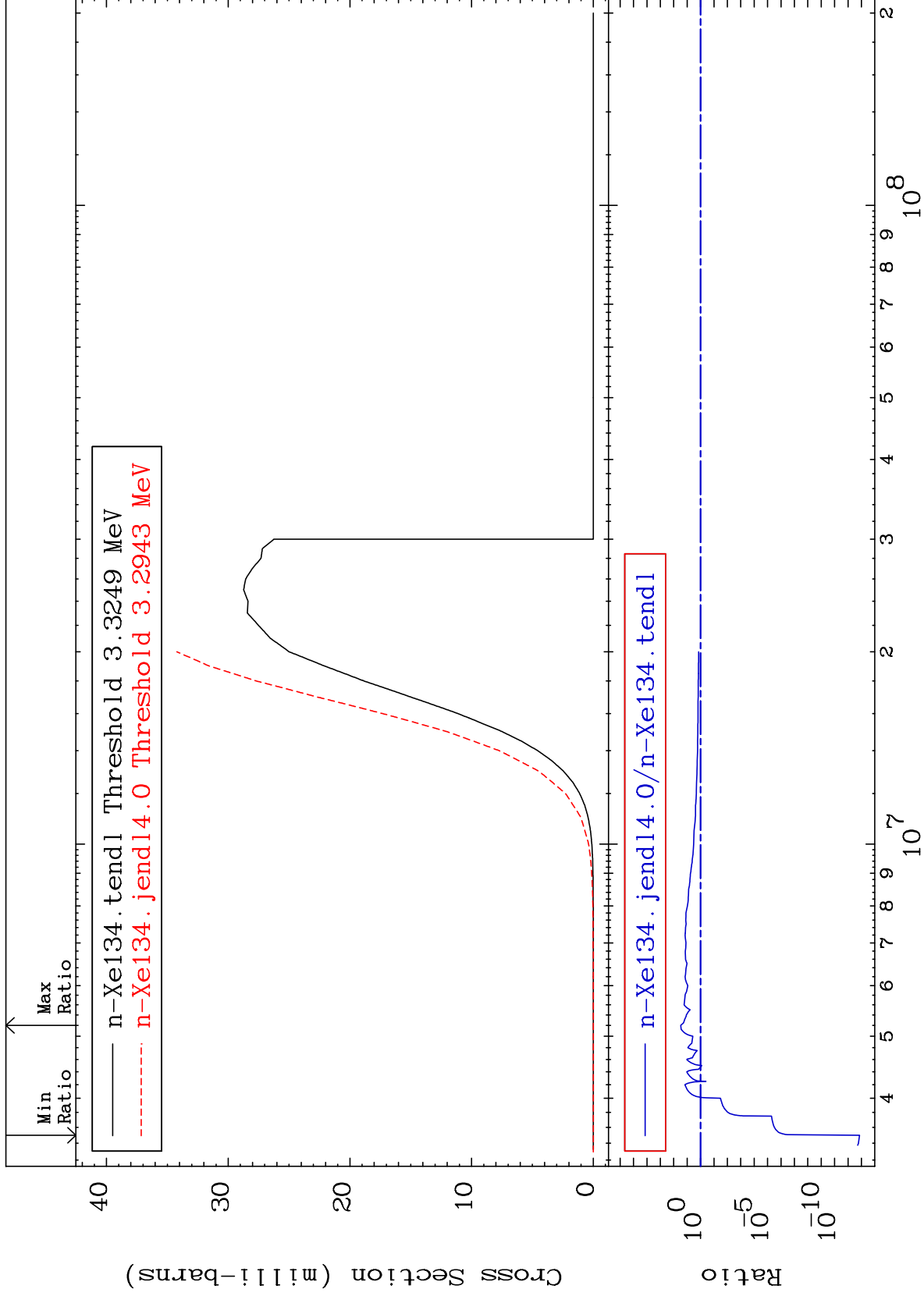
Incident Energy (eV)

54-Xe-134

MAT 5455

(n,p)
Cross Section

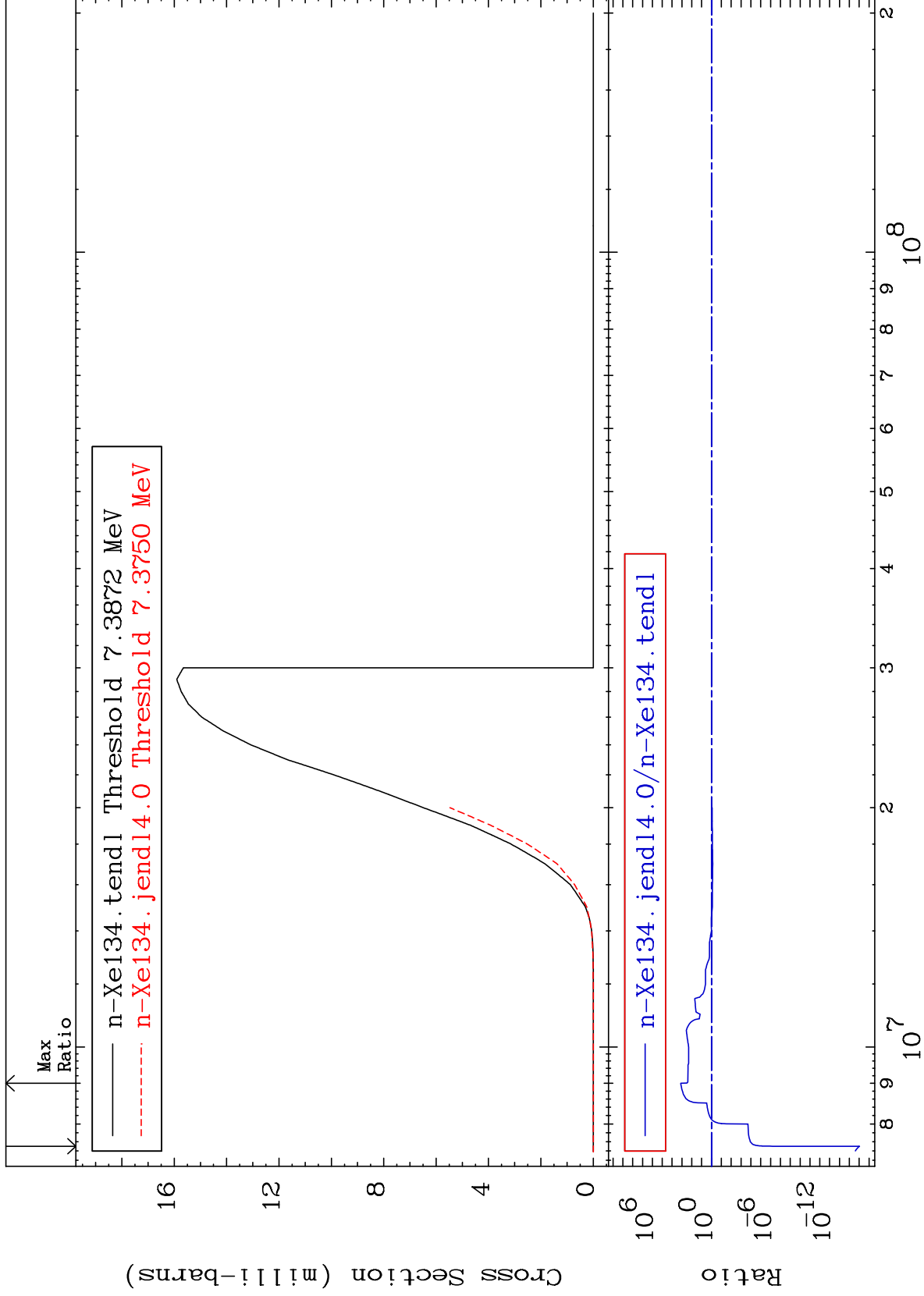
54-Xe-134
-100.0 To 2888. %



MAT 5455

(n, d)
Cross Section

54-Xe-134
-100.0 To 9999. %



22

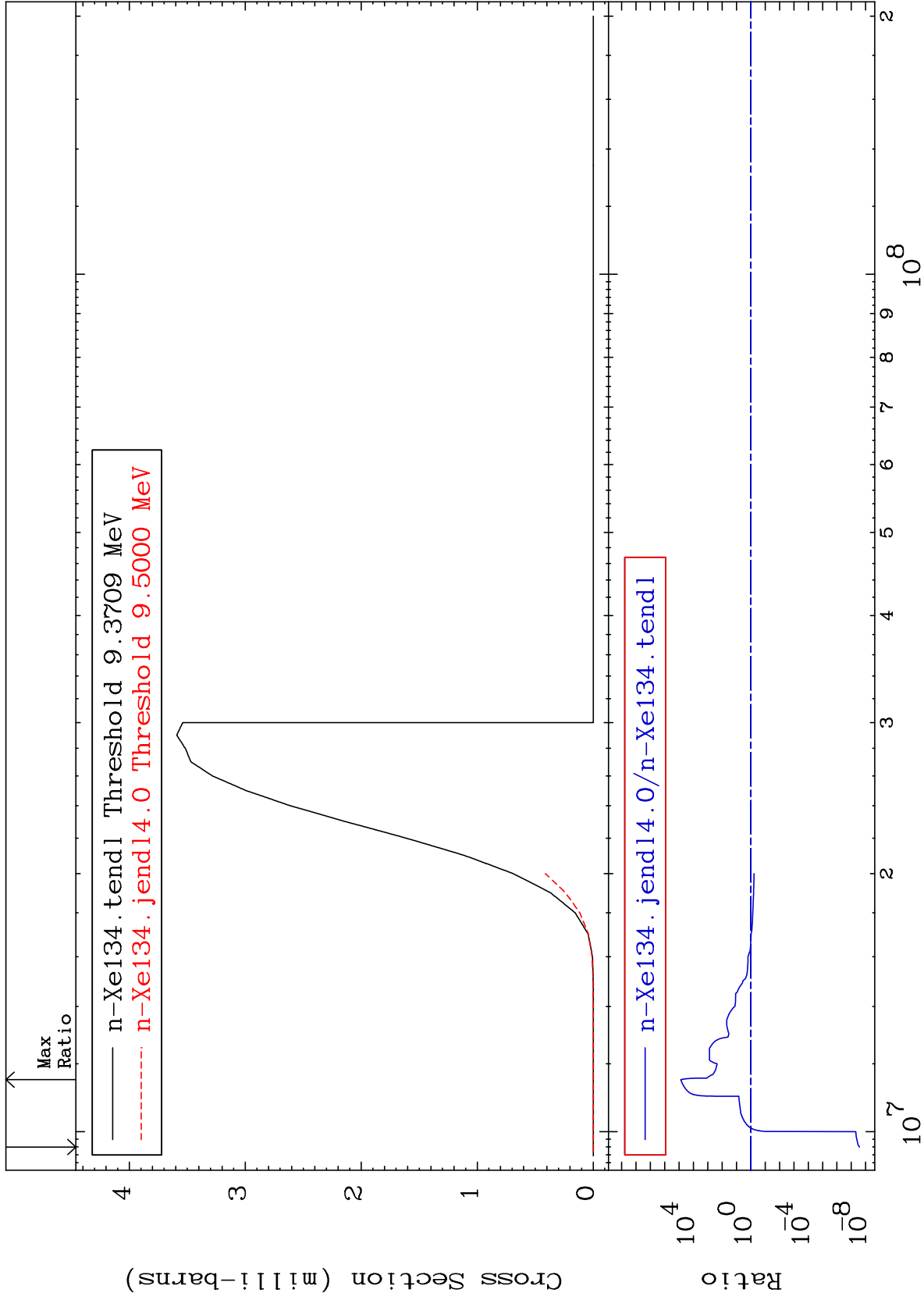
Incident Energy (eV)

54-Xe-134

MAT 5455

(n, t)
Cross Section

54-Xe-134
-100.0 To 9999. %



23

Incident Energy (eV)

54-Xe-134

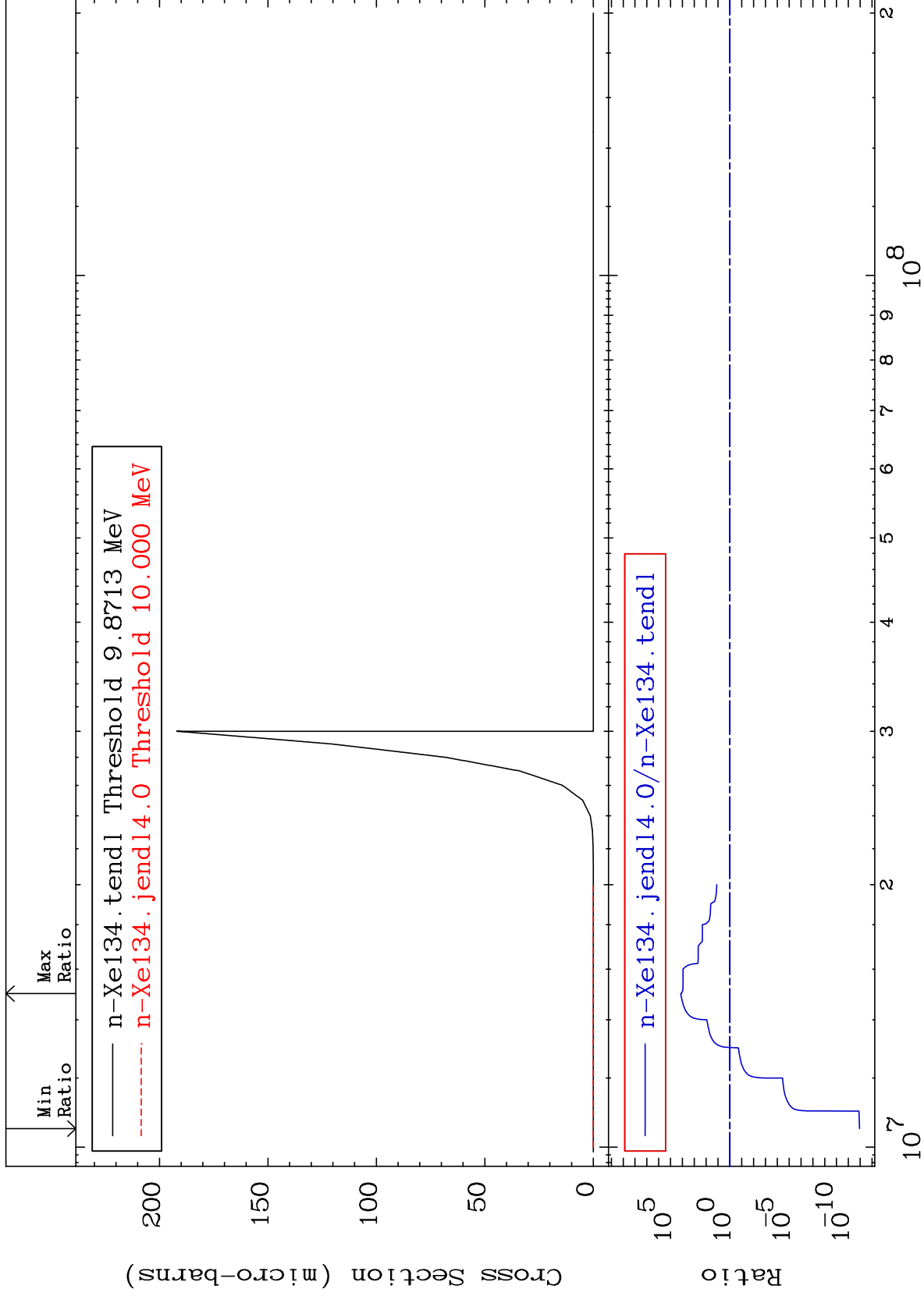
MAT 5455

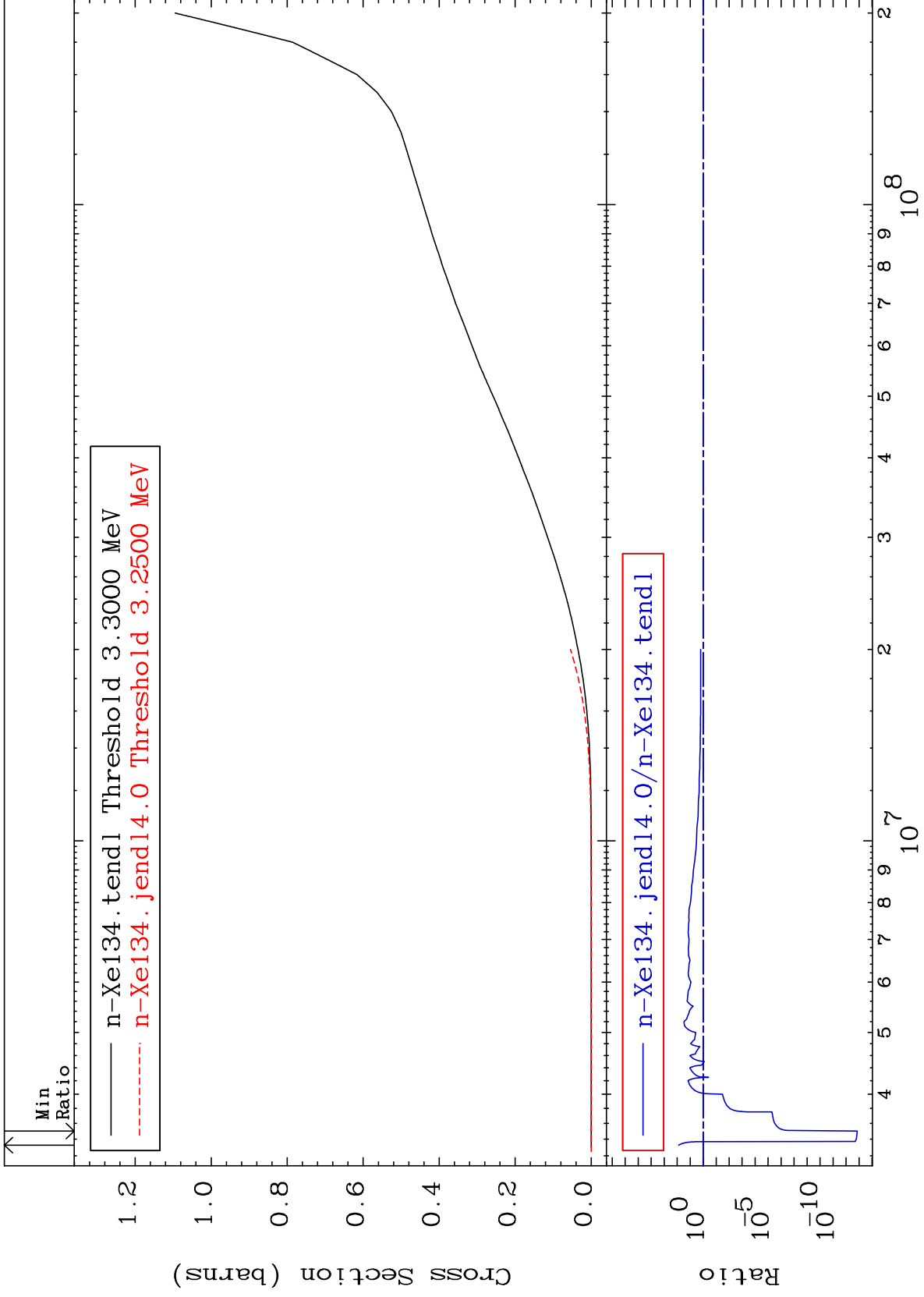
(n, He-3)

54-Xe-134

Cross Section

-100.0 To 9999. %

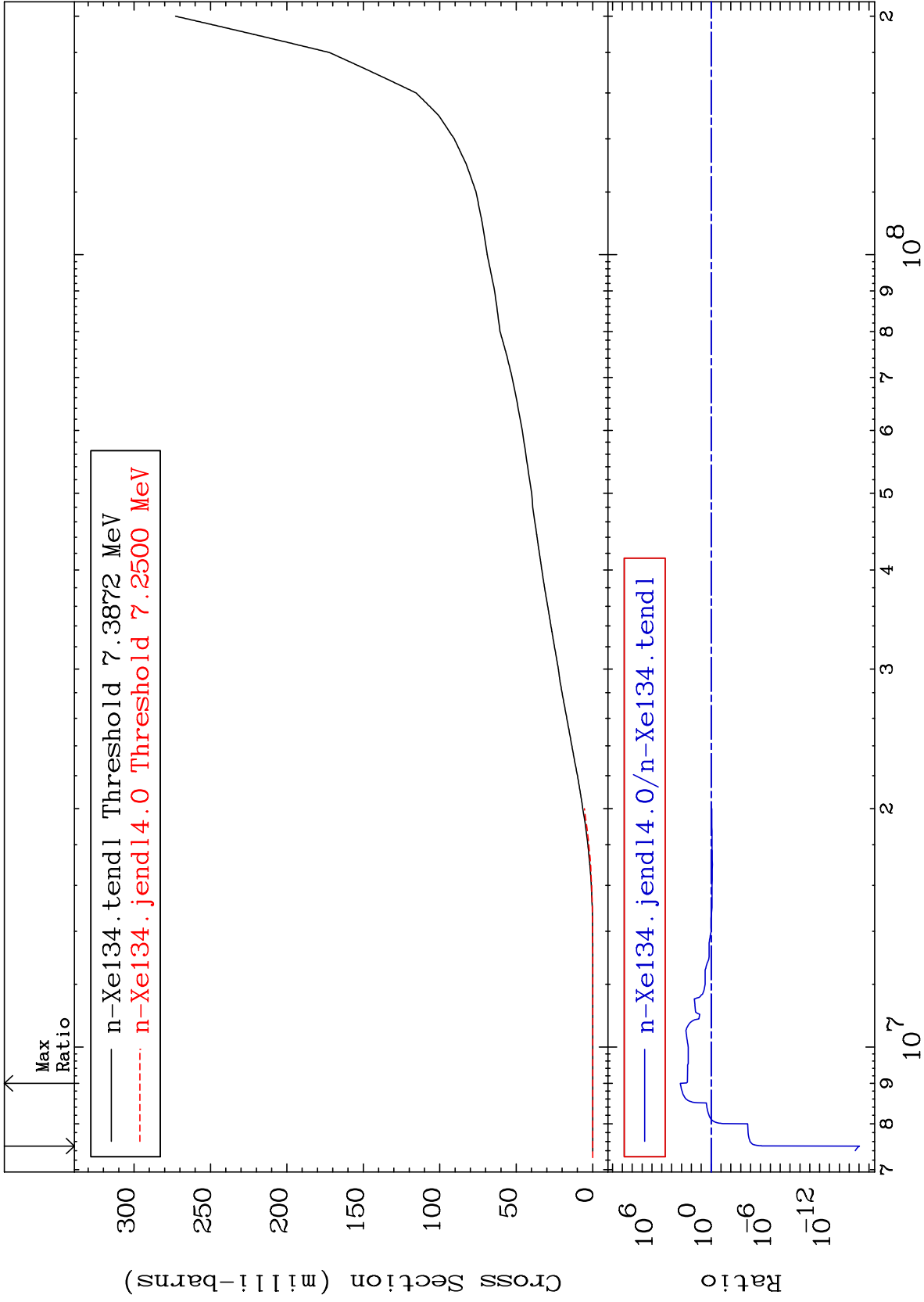




MAT 5455

Deuterium Production
Cross Section

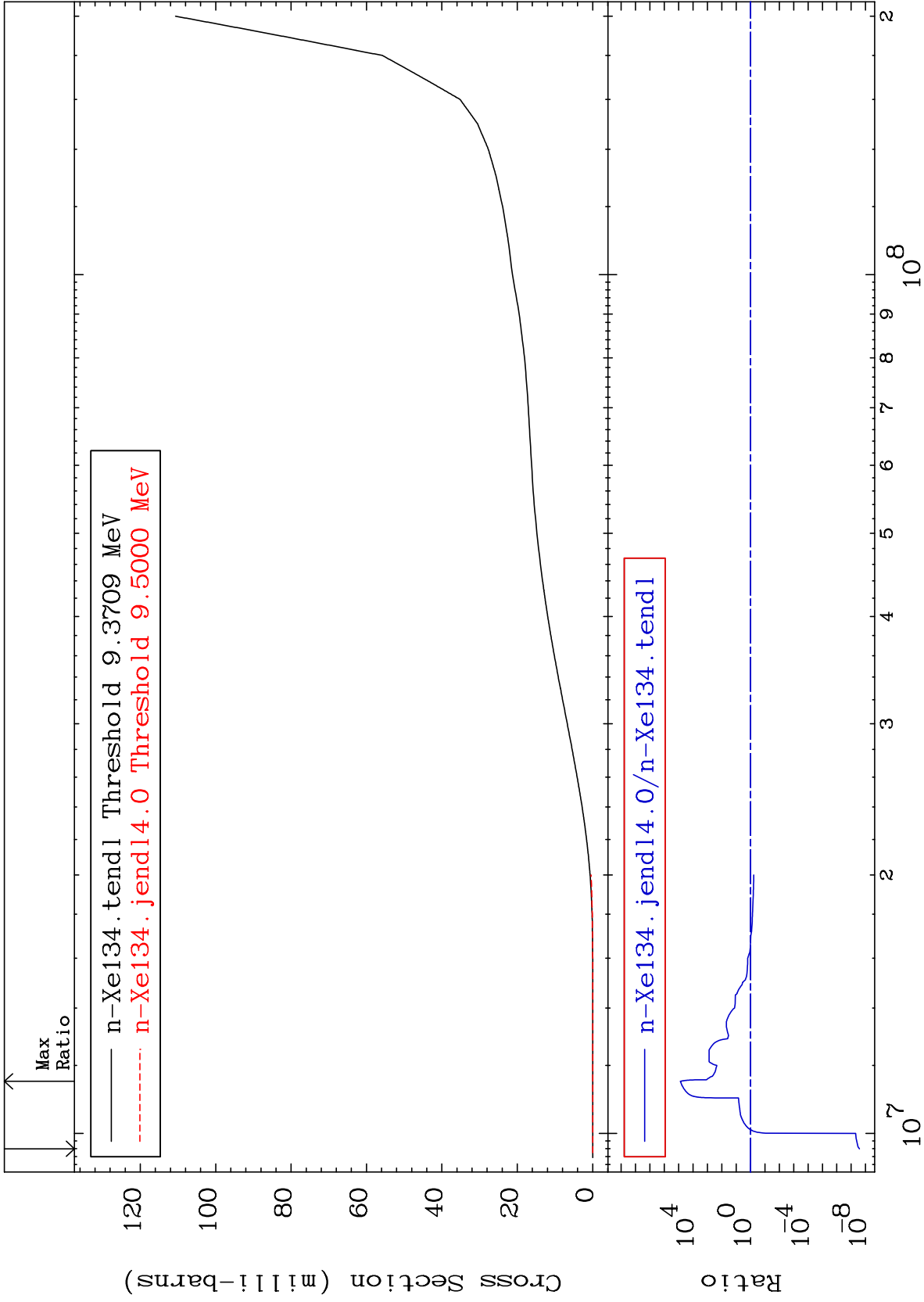
54-Xe-134
-100.0 To 9999. %



MAT 5455

Tritium Production
Cross Section

54-Xe-134
-100.0 To 9999. %



28

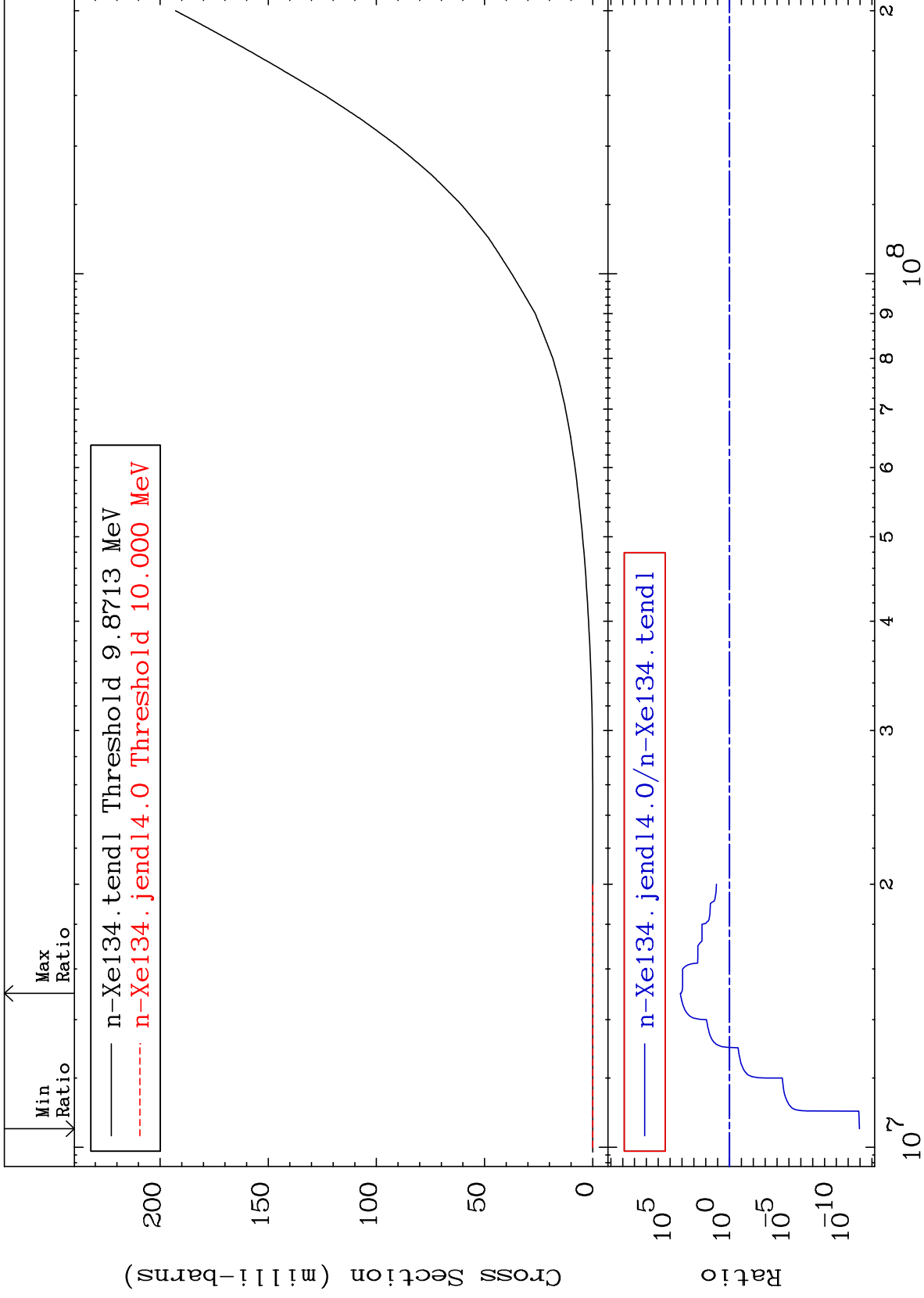
Incident Energy (eV)

54-Xe-134

MAT 5455

He-3 Production
Cross Section

54-Xe-134
-100.0 To 9999. %



29

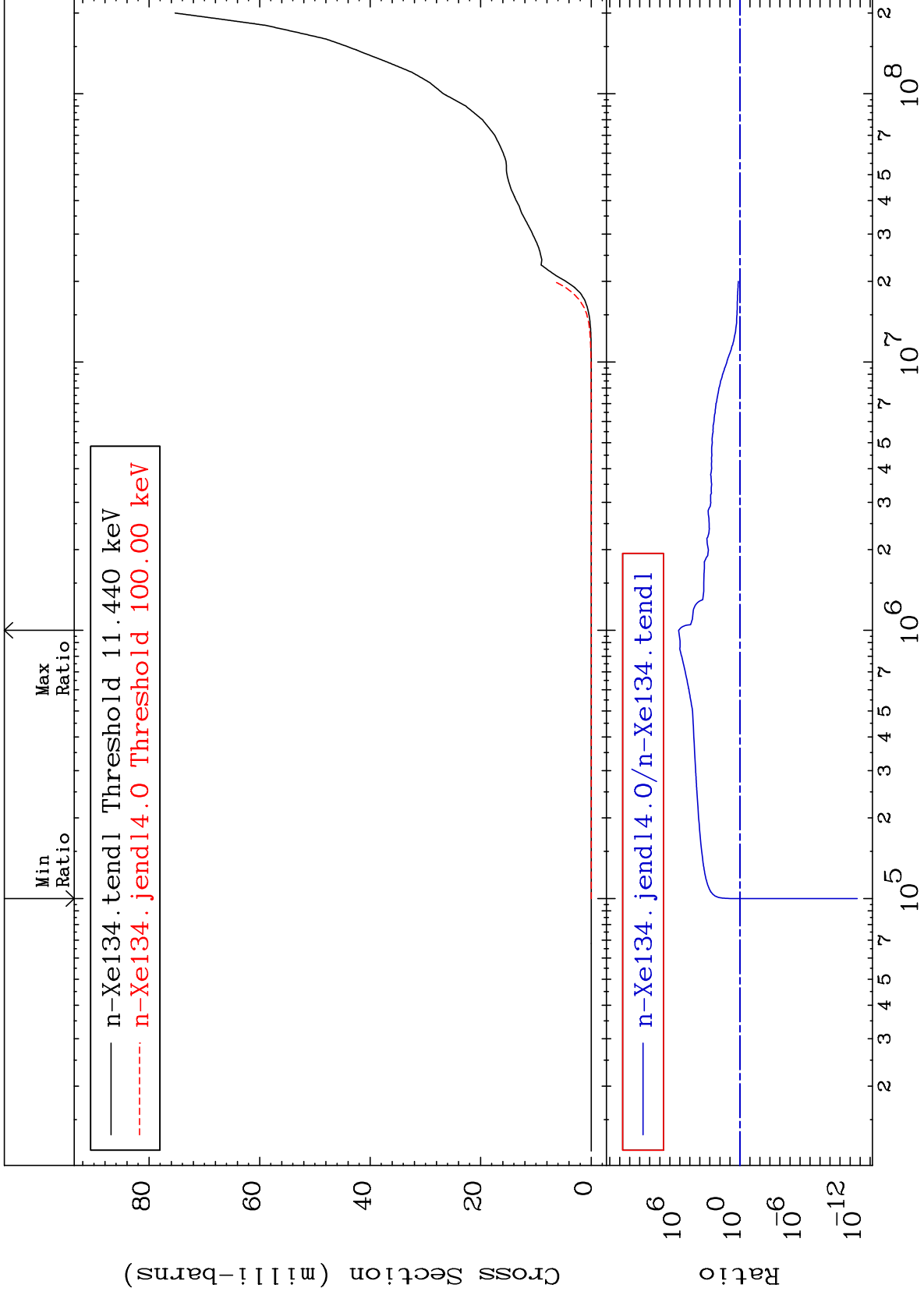
Incident Energy (eV)

54-Xe-134

MAT 5455

He-4 Production
Cross Section

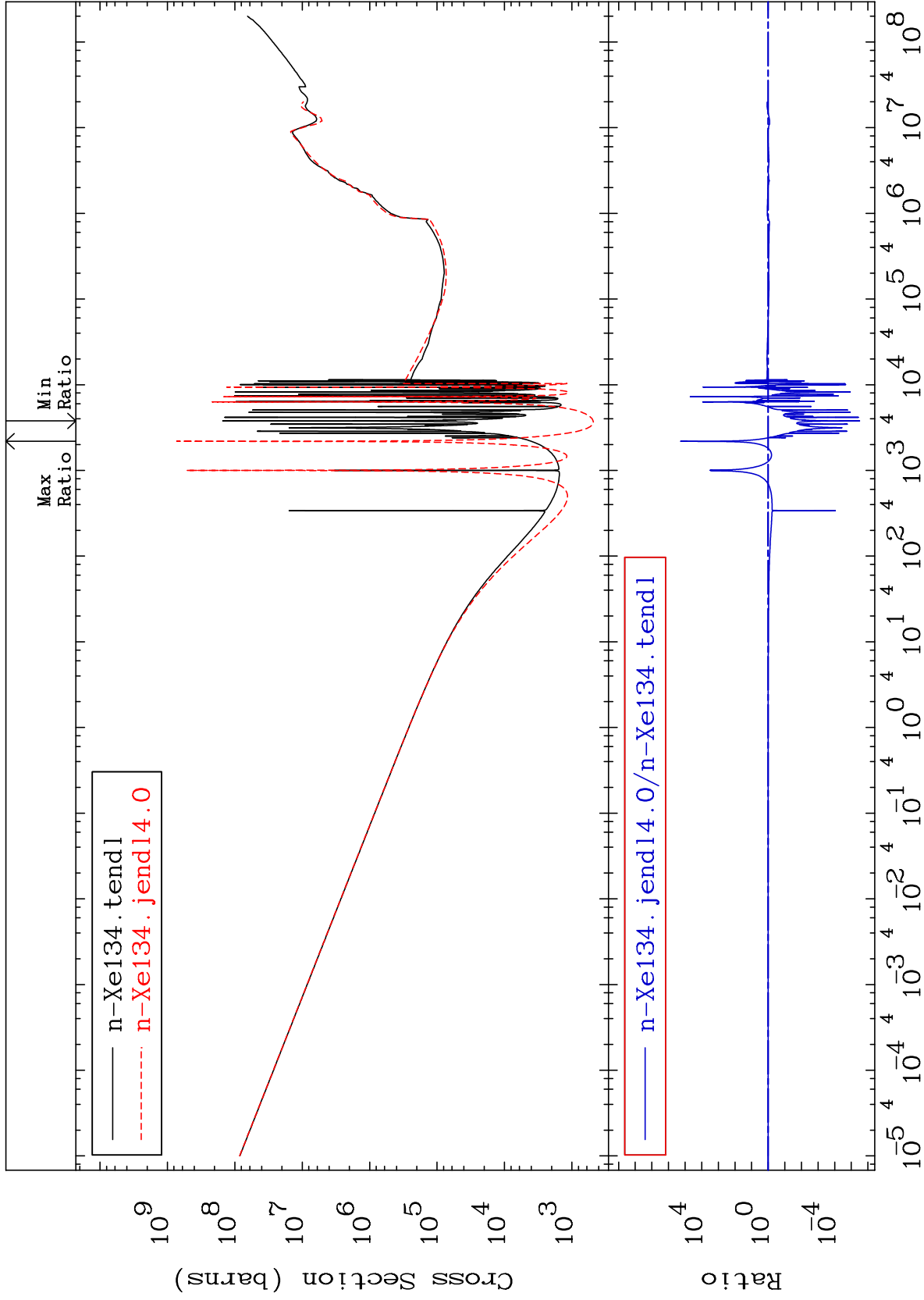
54-Xe-134
-100.0 To 9999. %



30

Incident Energy (eV)

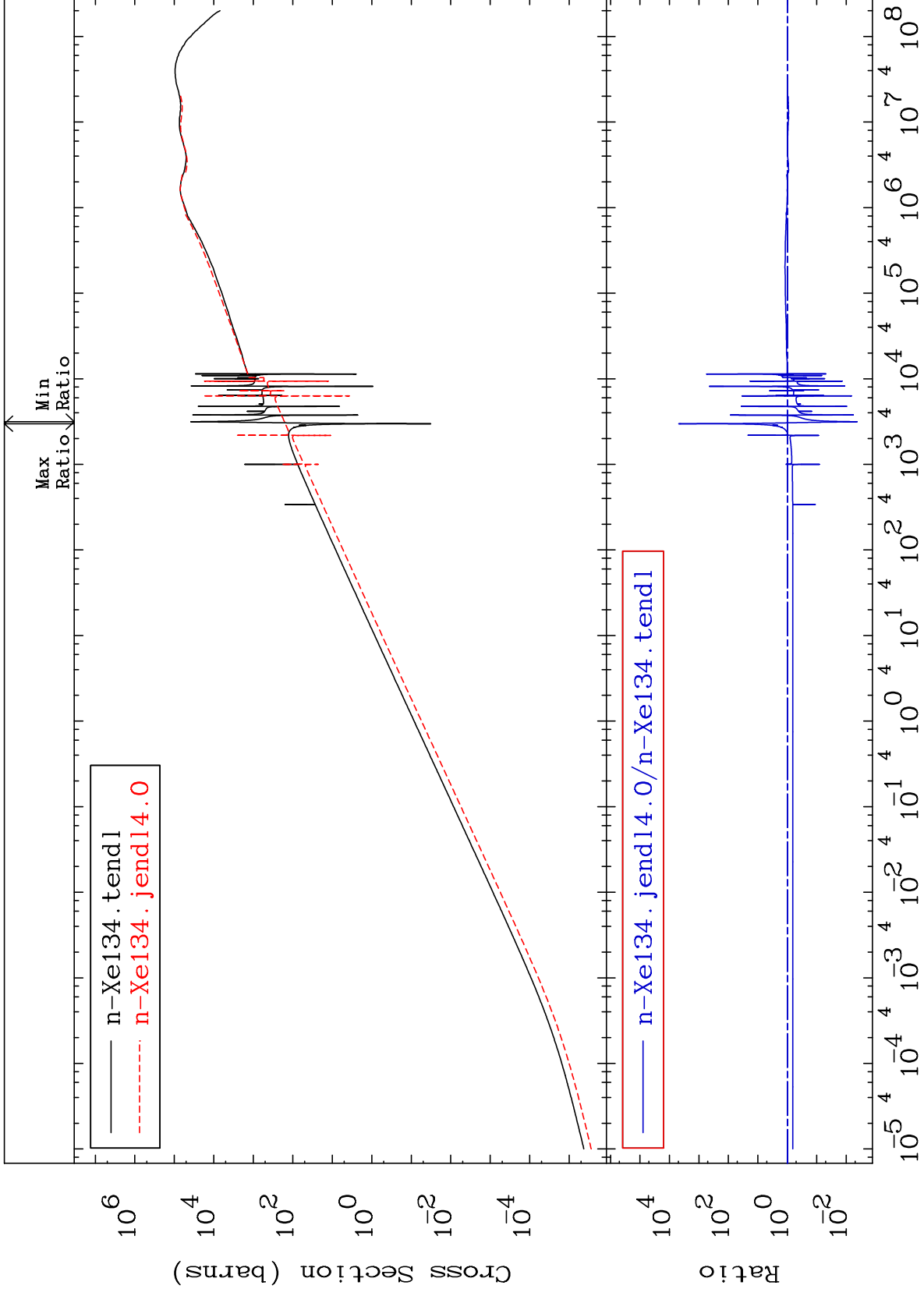
54-Xe-134

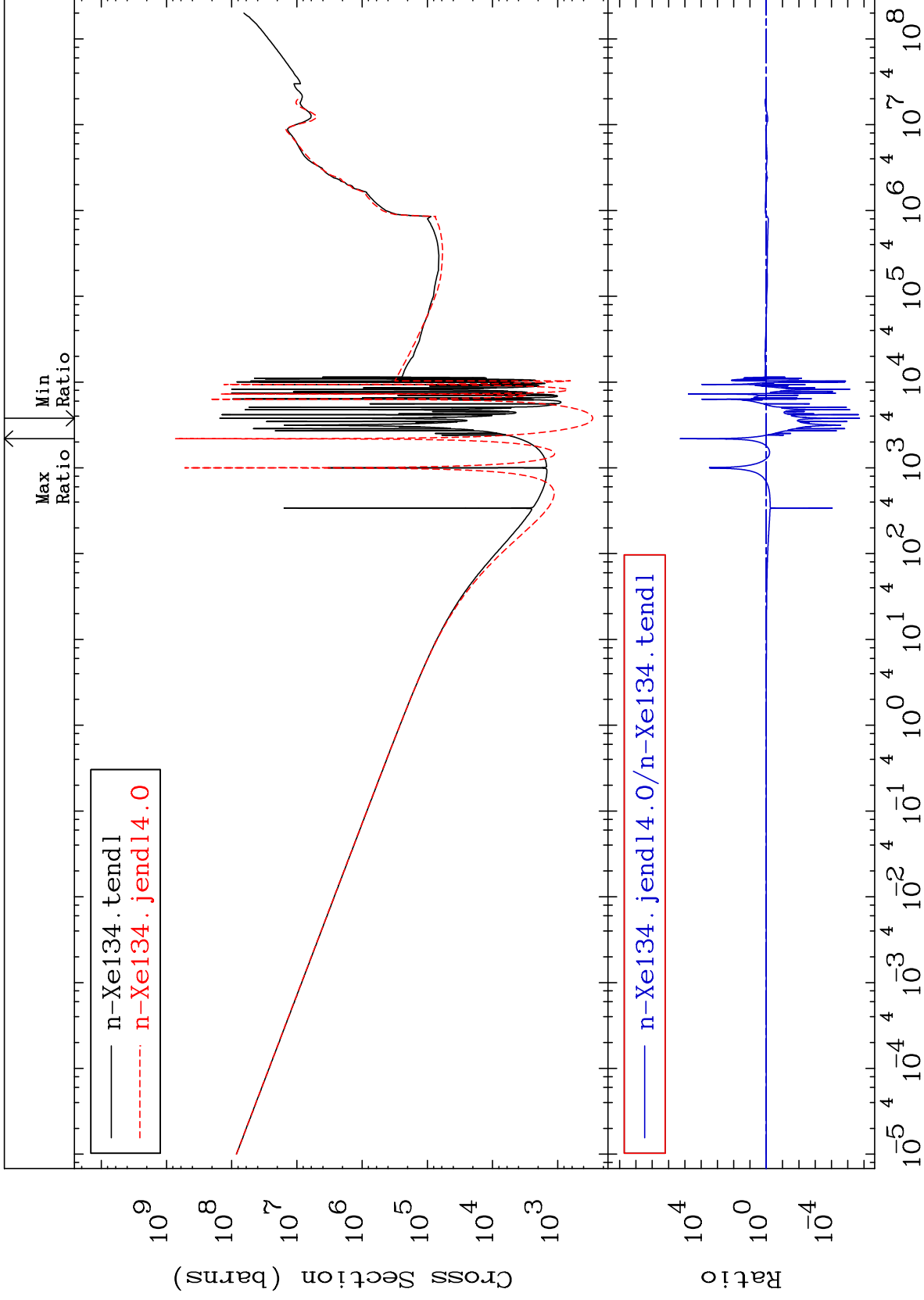


MAT 5455

Kerma elastic
Cross Section

54-Xe-134
-99.58 To 9999. %

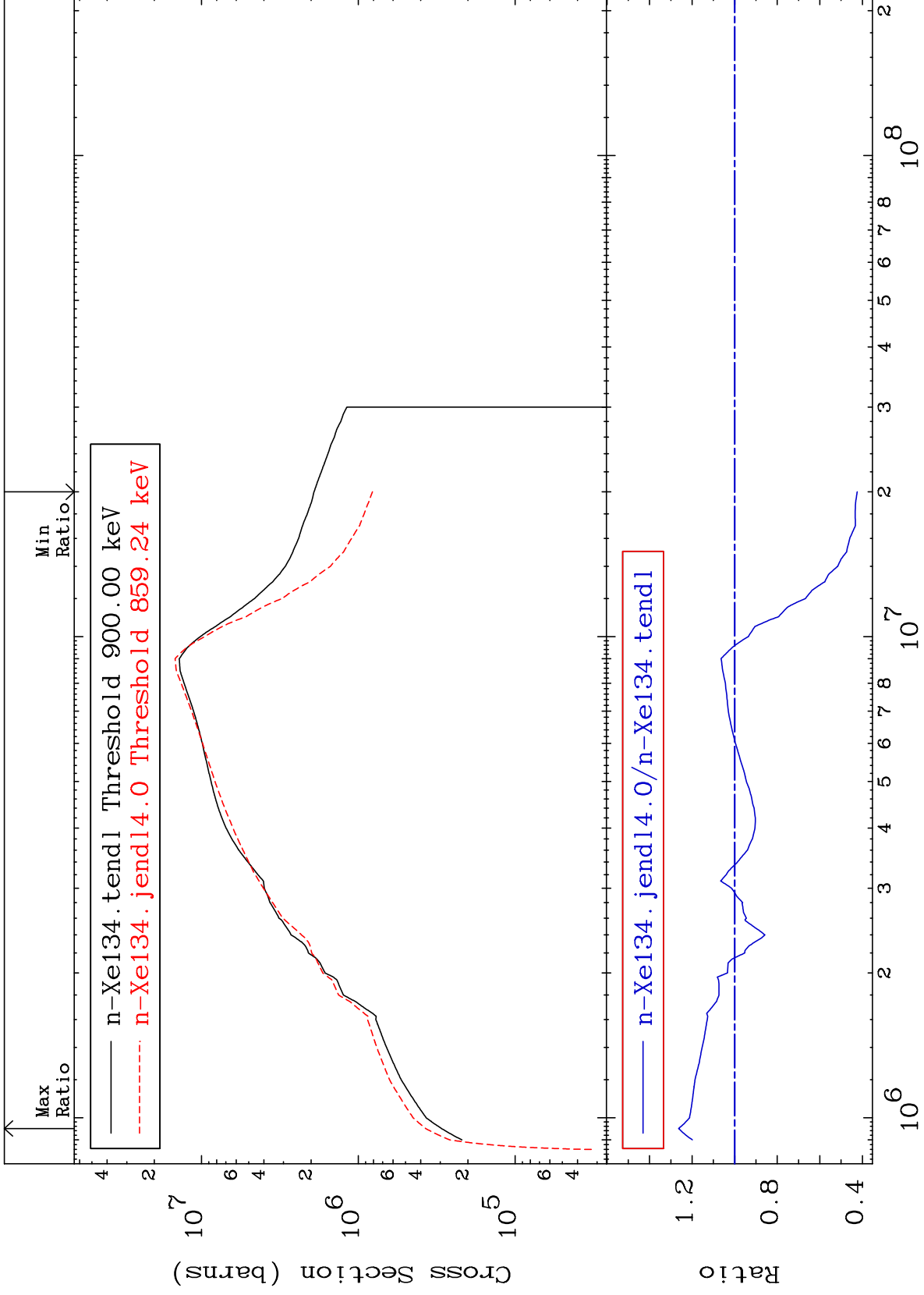




MAT 5455

Kerma inelastic (mt51-91)
Cross Section

54-Xe-134
-57.59 To 26.33 %



34

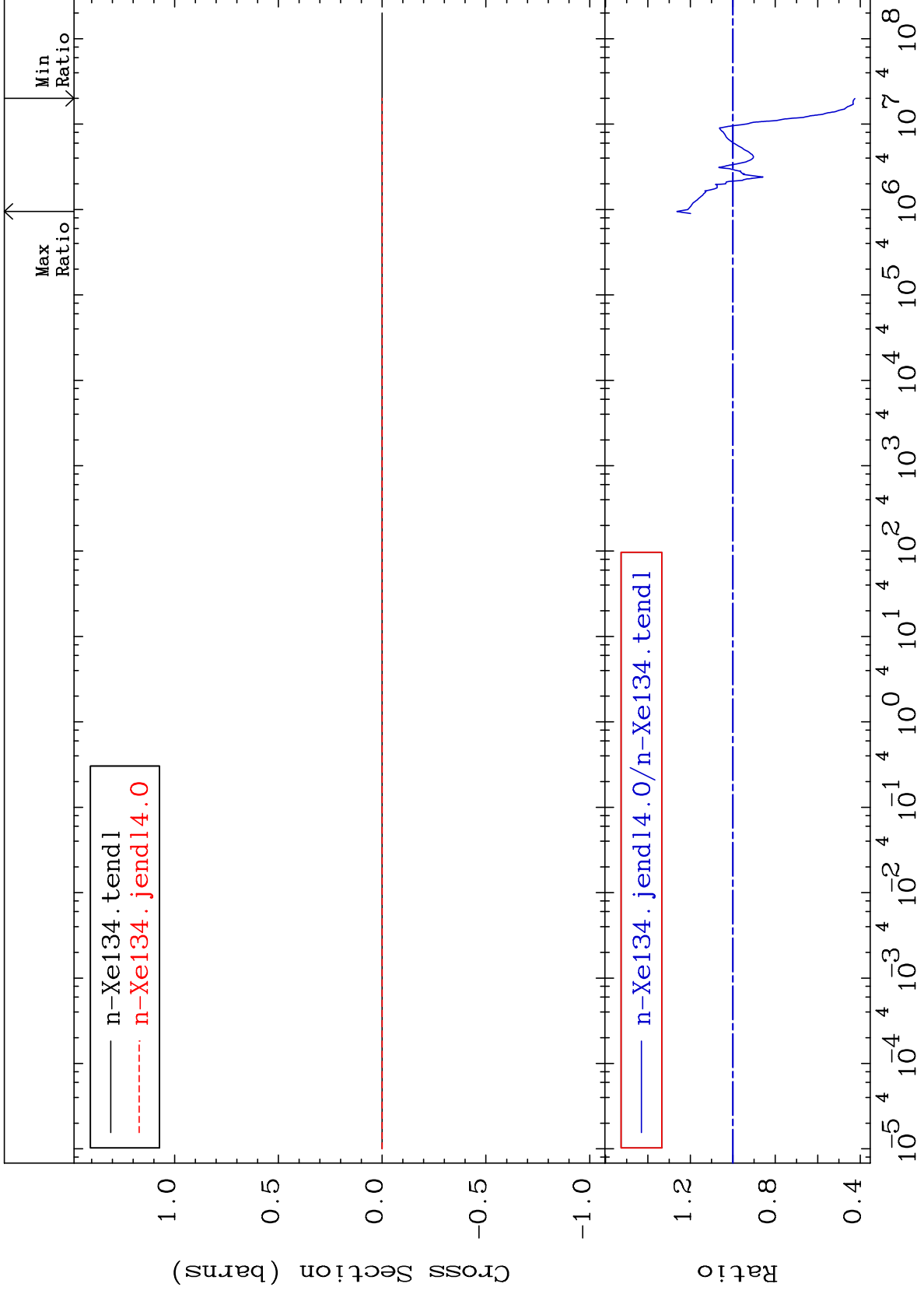
Incident Energy (eV)

54-Xe-134

MAT 5455

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

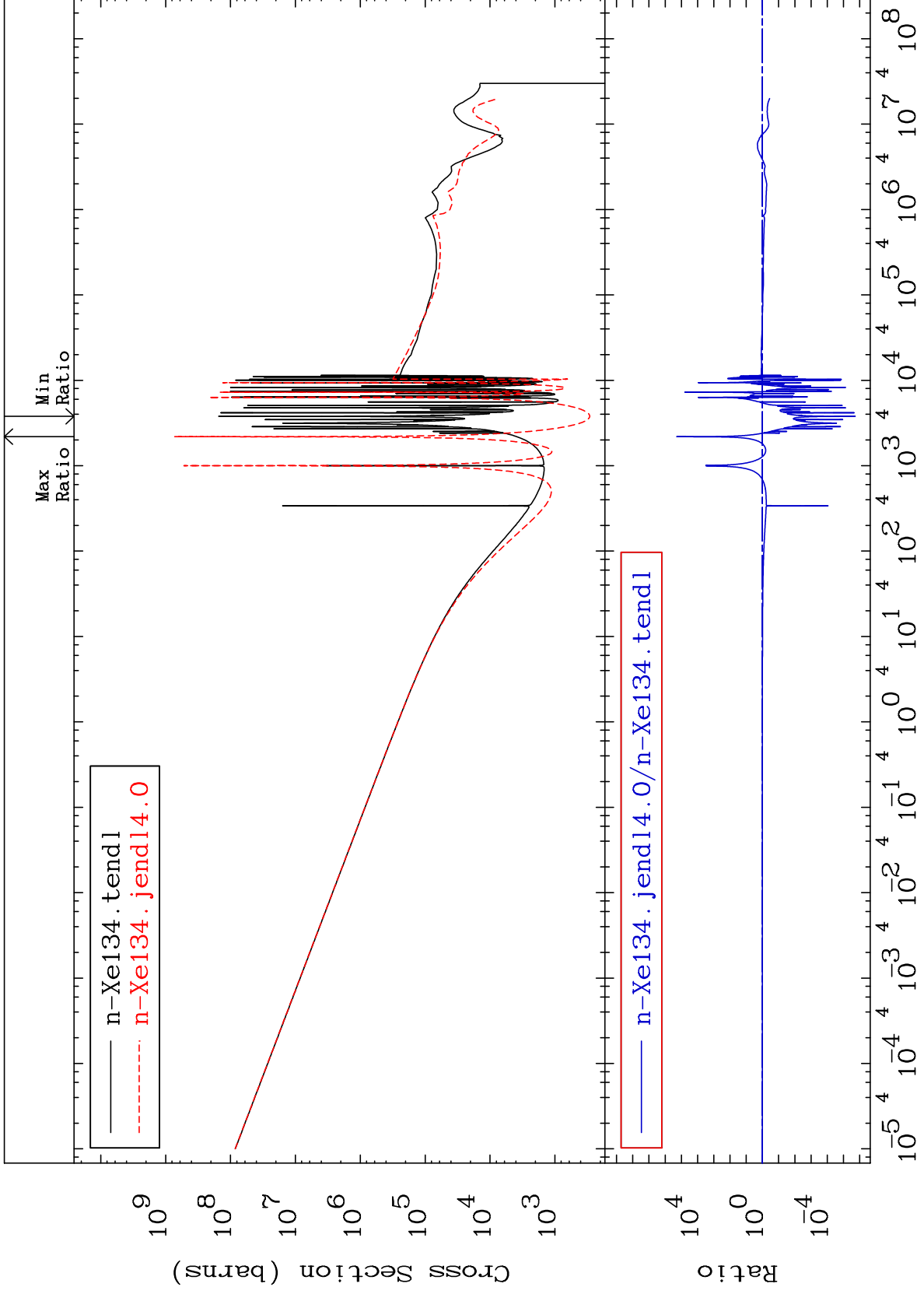
54-Xe-134
-57.59 To 26.33 %



MAT 5455

Kerma capture (mt102)
Cross Section

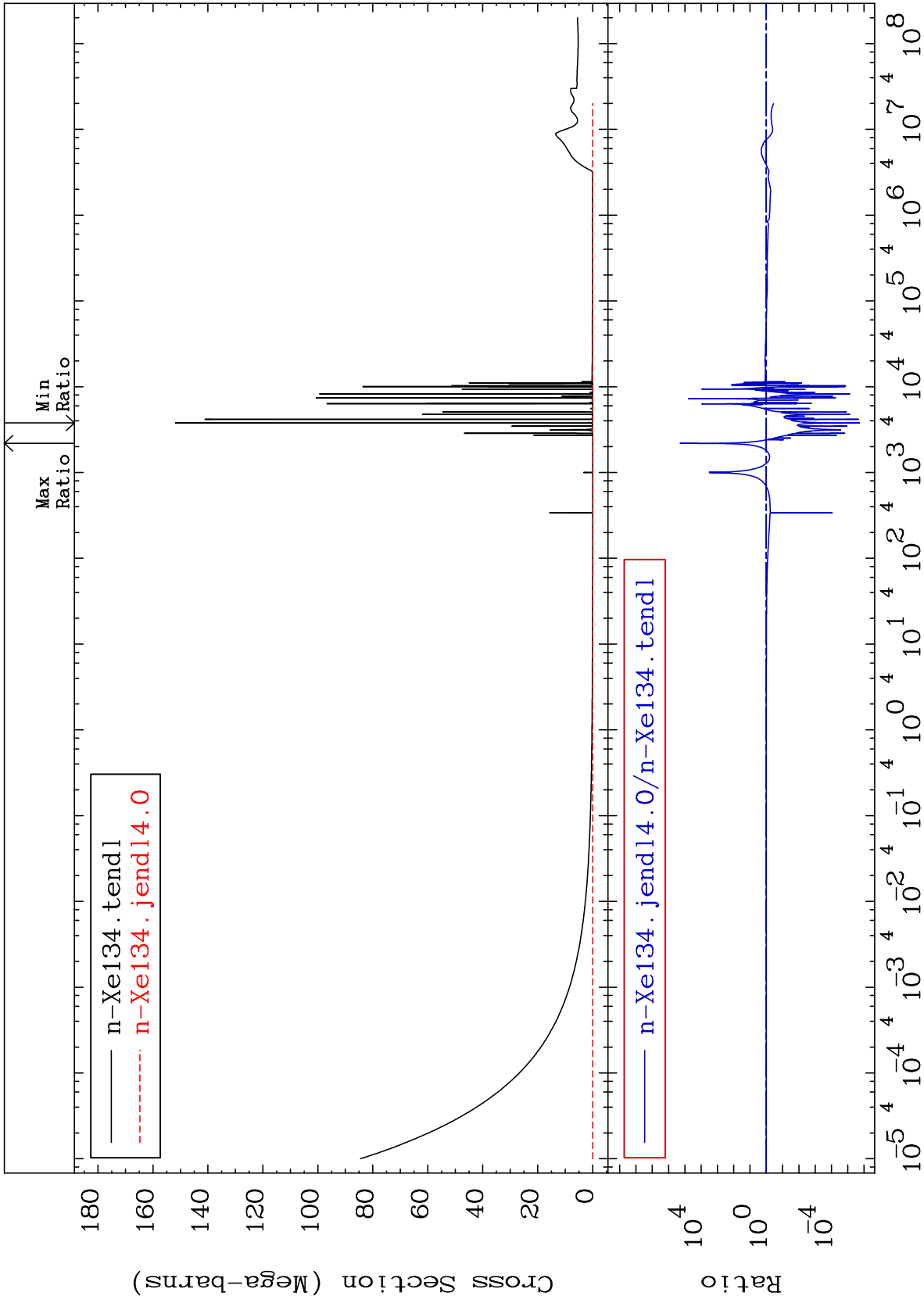
54-Xe-134
-100.0 To 9999. %



MAT 5455

Total photon (eV-barns)
Cross Section

54-Xe-134
-100.0 To 9999. %



37

Incident Energy (eV)

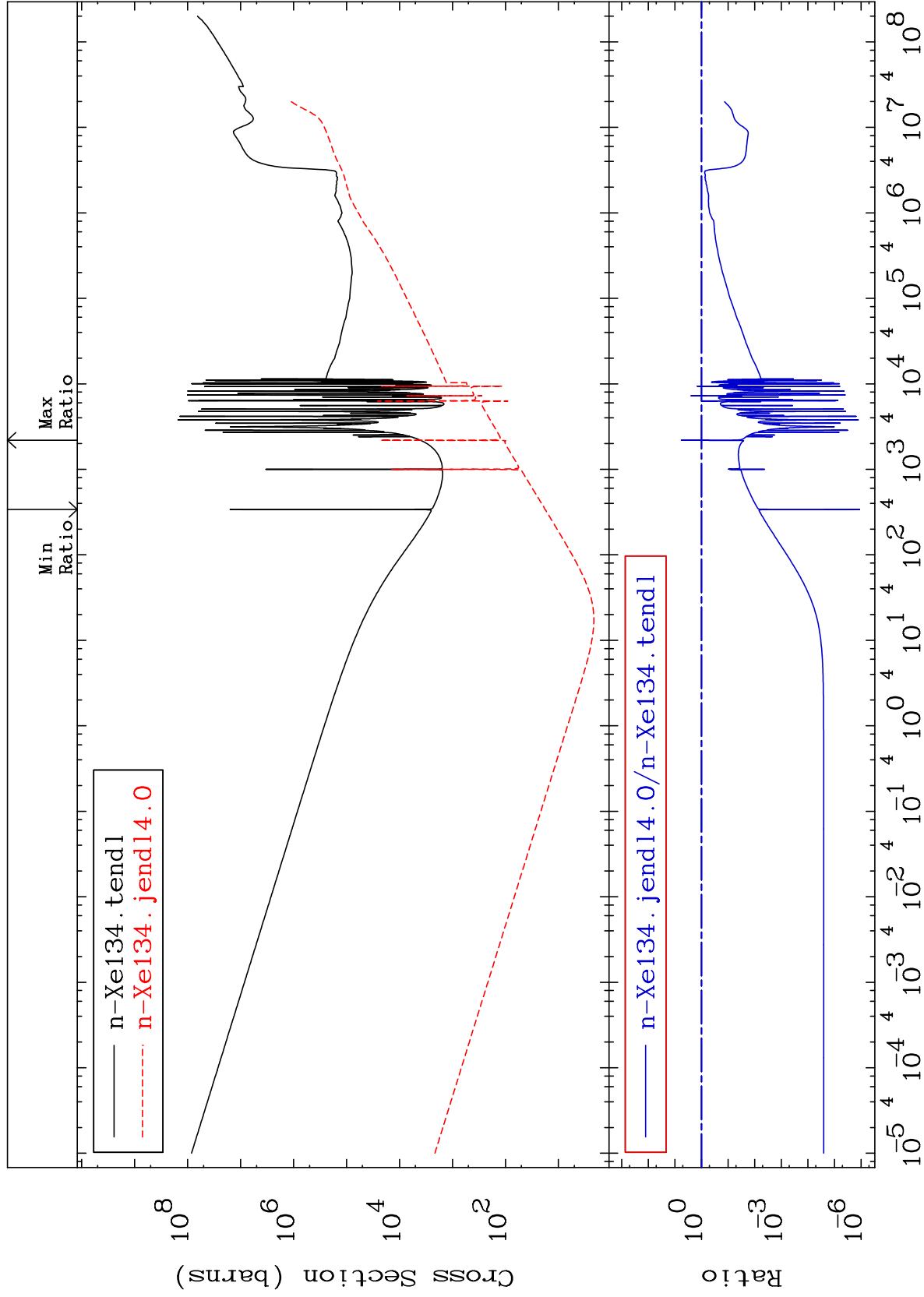
54-Xe-134

MAT 5455

Total kinematic kerma (high limit)
Cross Section

54-Xe-134

-100.0 To 476.4 %



38

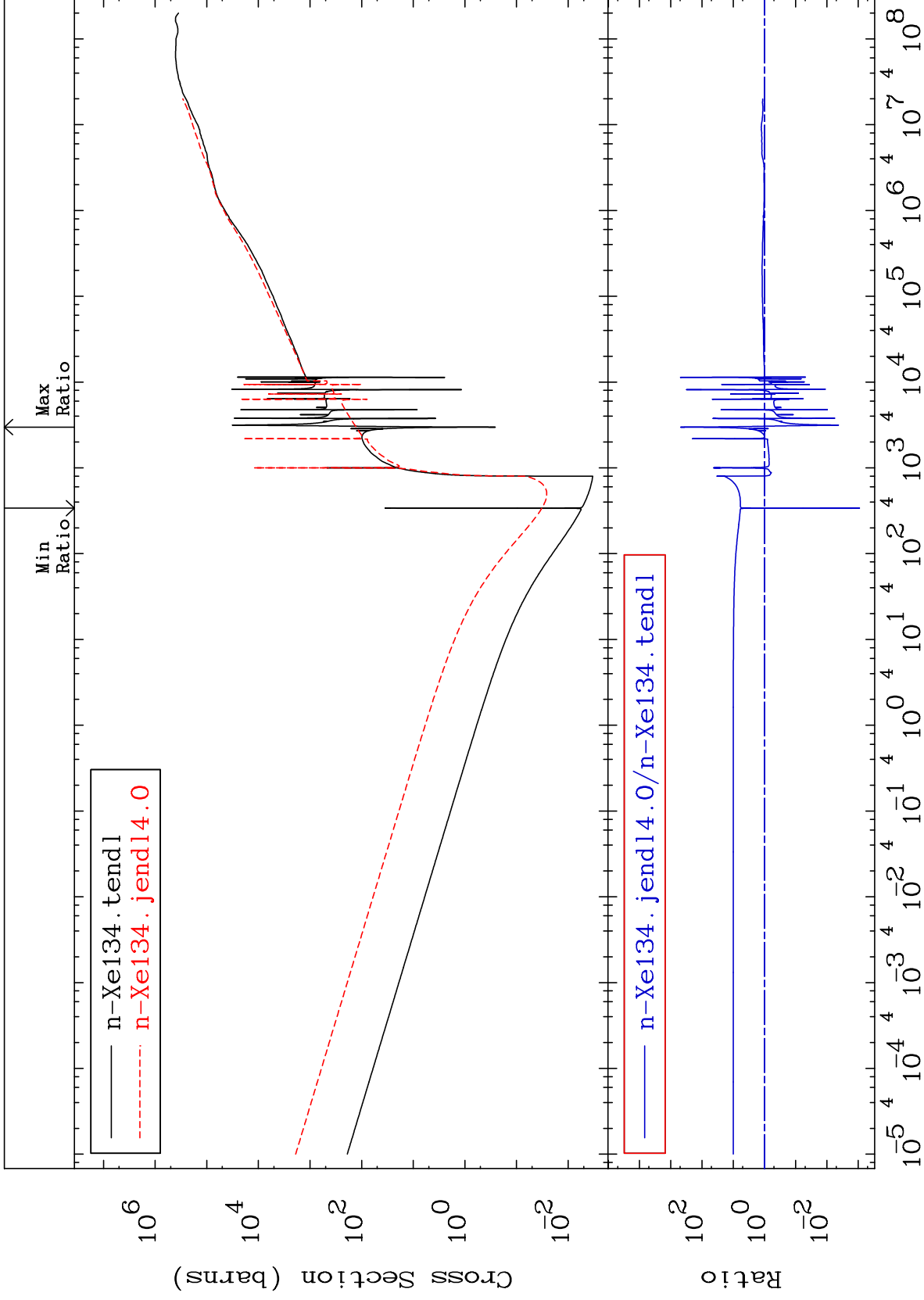
Incident Energy (eV)

54-Xe-134

MAT 5455

Dpa total (eV-barns)
Cross Section

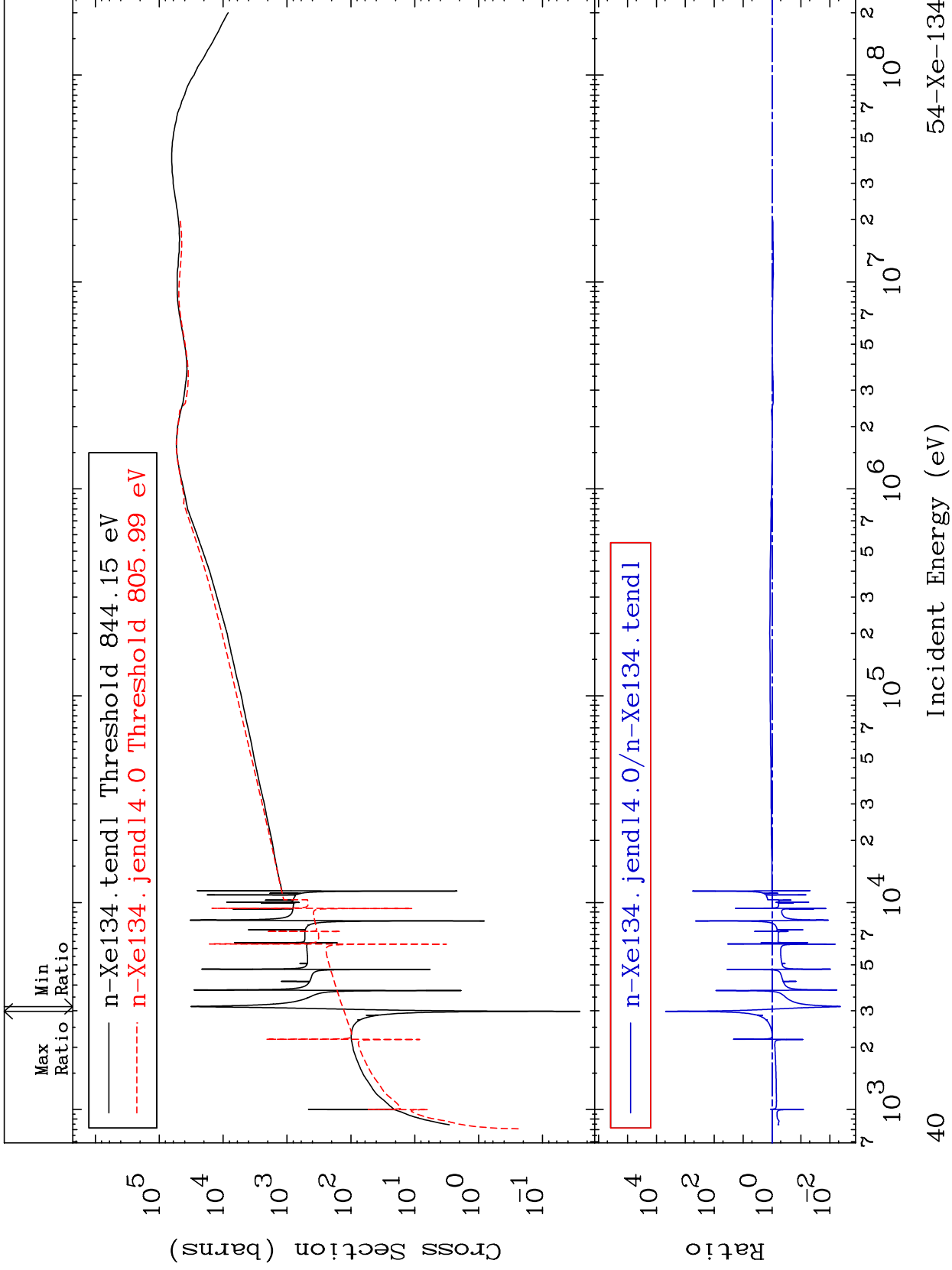
54-Xe-134
-99.91 To 9999. %



MAT 5455

Dpa elastic (mt2)
Cross Section

54-Xe-134
-99.58 To 9999. %



MAT 5455

Dpa inelastic (mt51-91)
Cross Section

54-Xe-134
5.295 To 57.54 %

