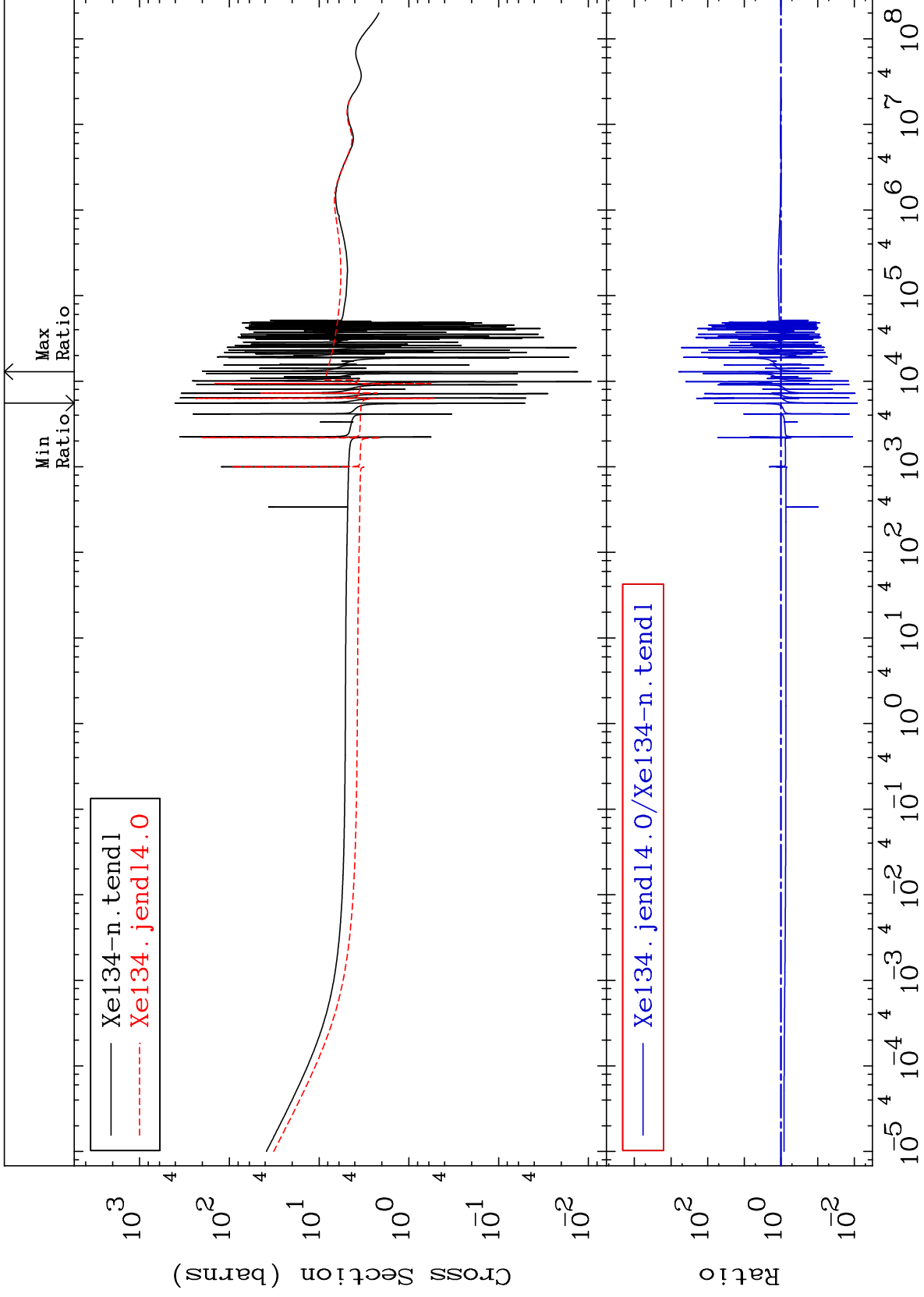


MAT 5455

Total
Cross Section

54-Xe-134
-99.17 To 9999. %



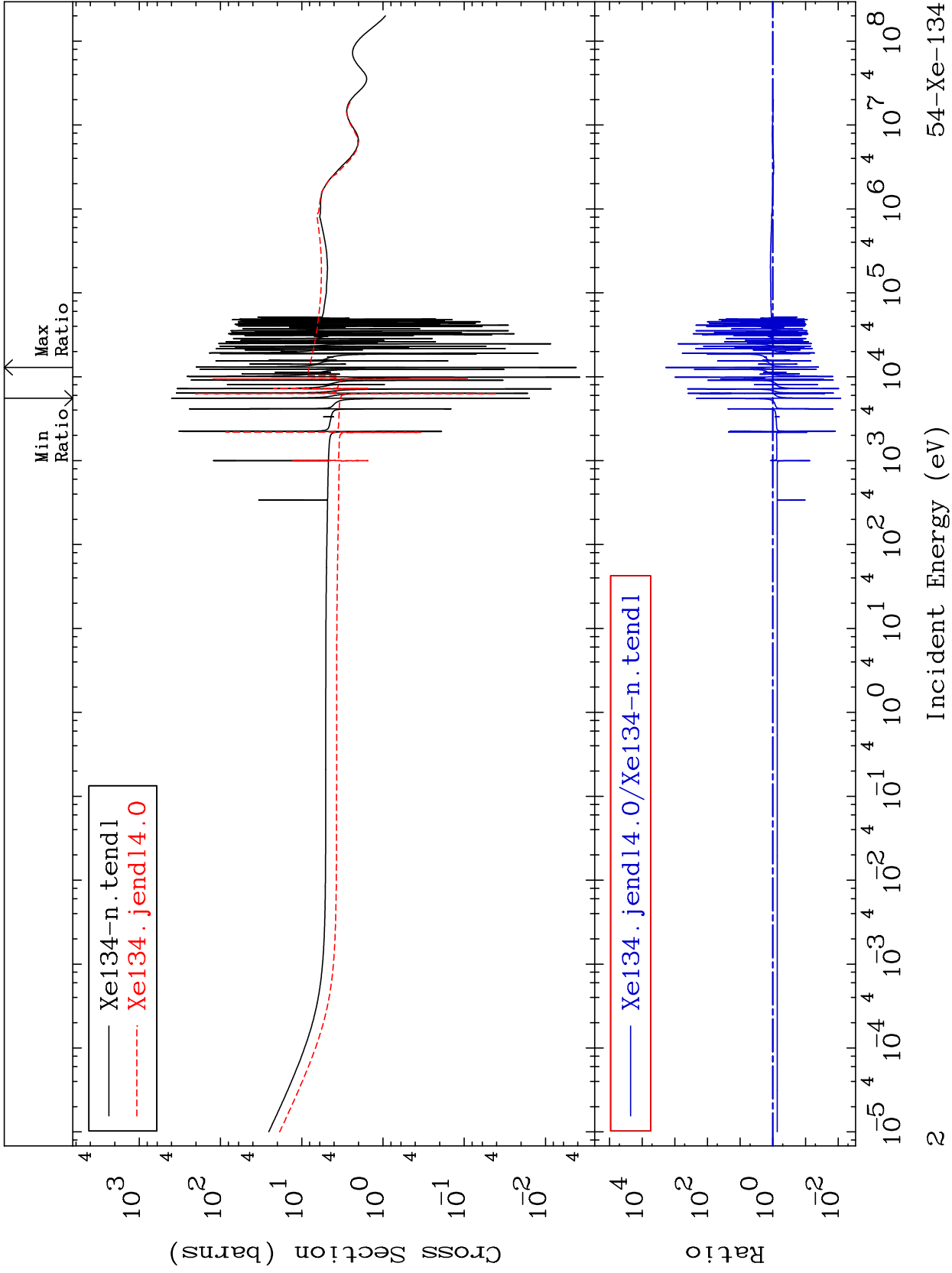
Incident Energy (eV)

54-Xe-134

MAT 5455

Elastic
Cross Section

54-Xe-134
-99.16 To 9999. %



54-Xe-134

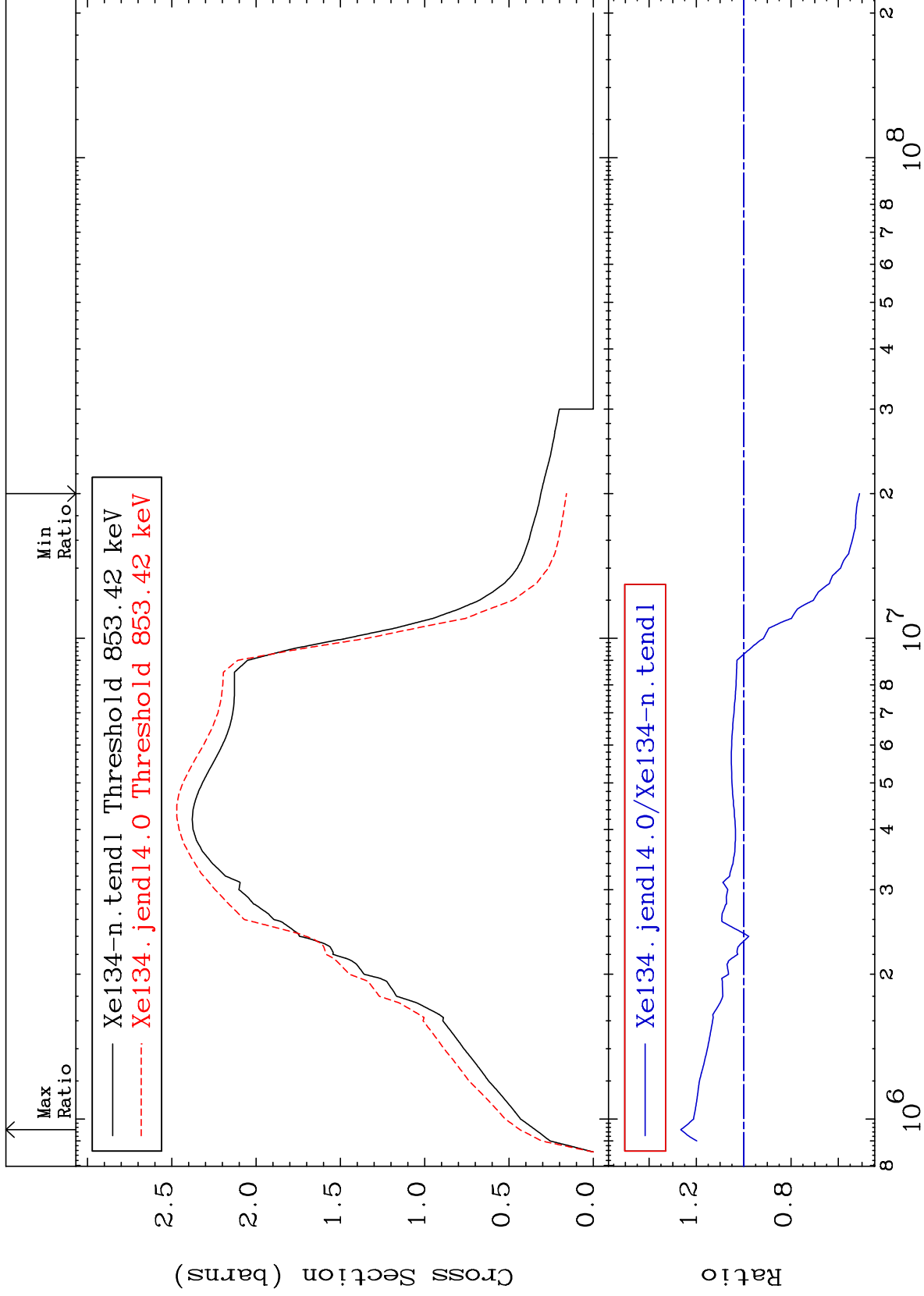
Incident Energy (eV)

2

MAT 5455

Inelastic
Cross Section

54-Xe-134
-48.95 To 26.62 %



54-Xe-134

54-Xe-134

MAT 5455

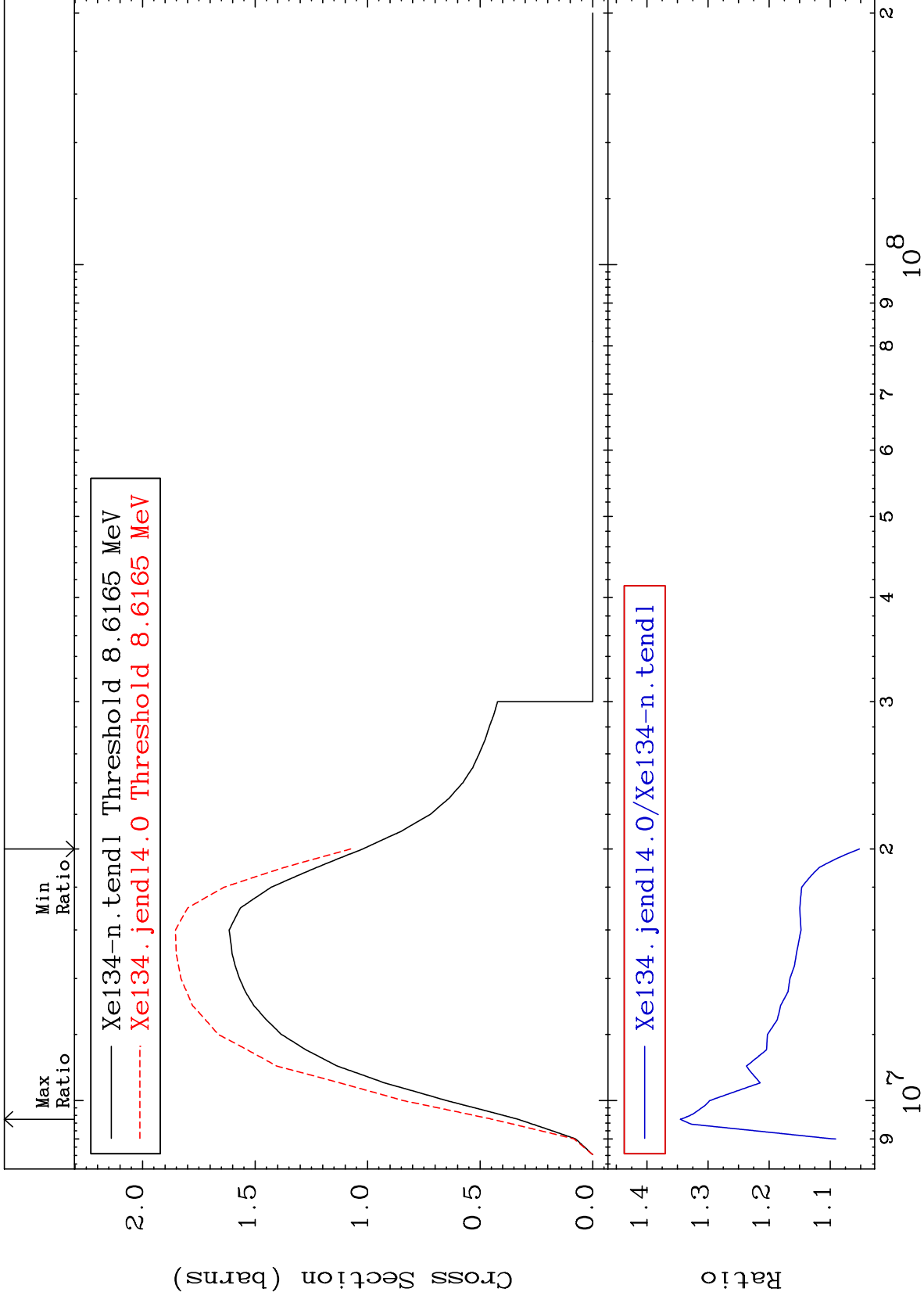
(n,2n)

54-Xe-134

Cross Section

5.211

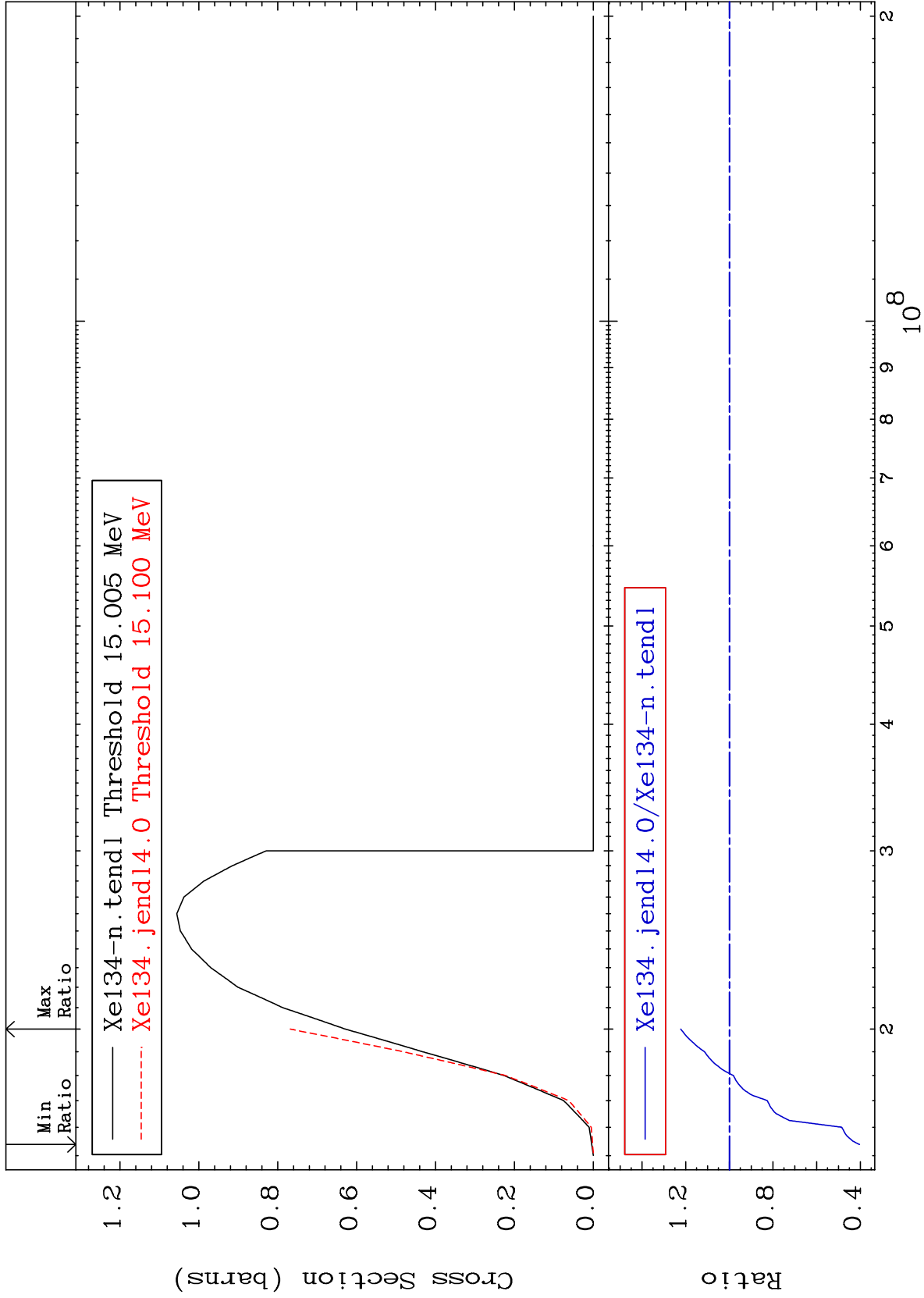
To 34.52 %



4

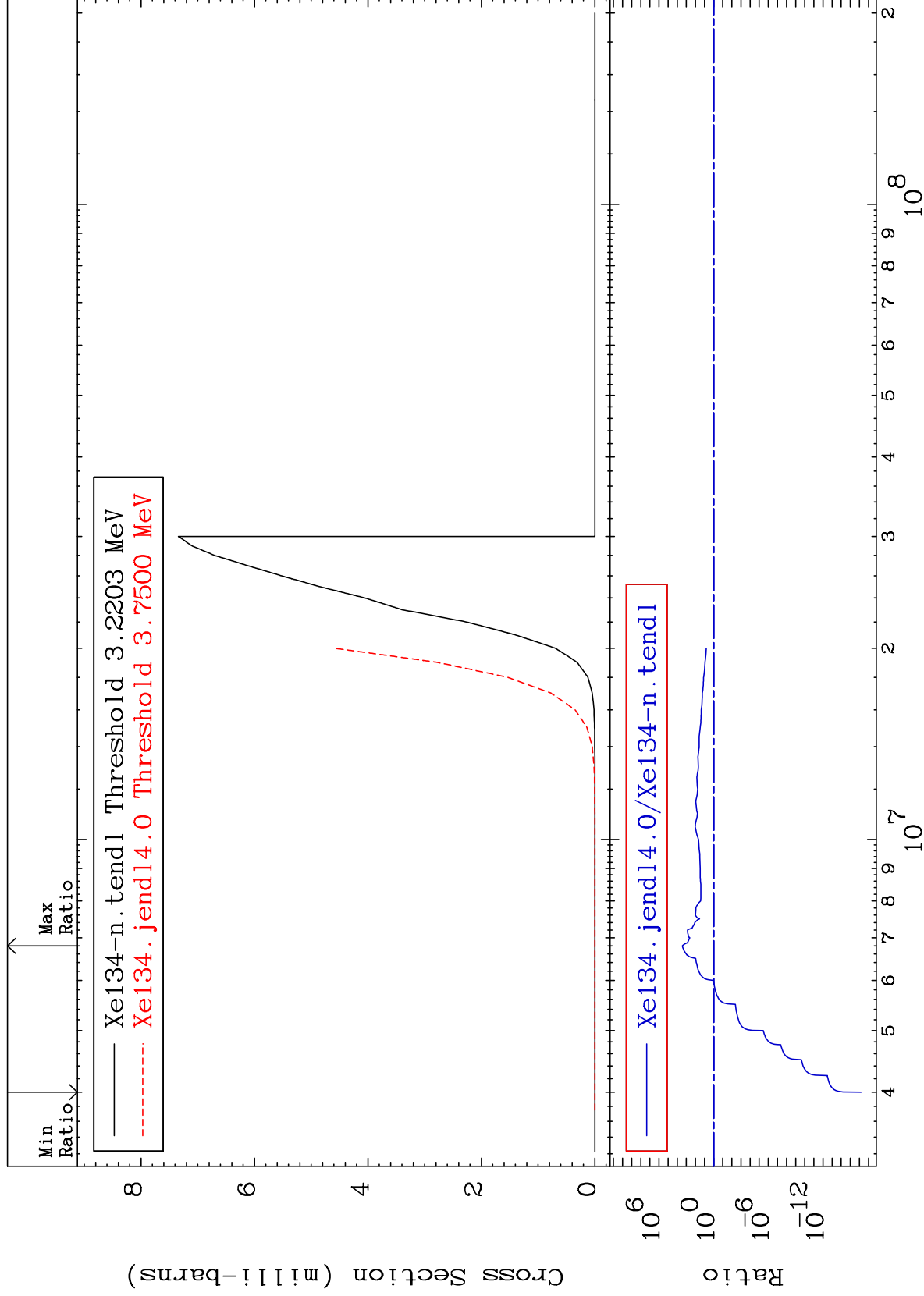
Incident Energy (eV)

54-Xe-134



MAT 5455

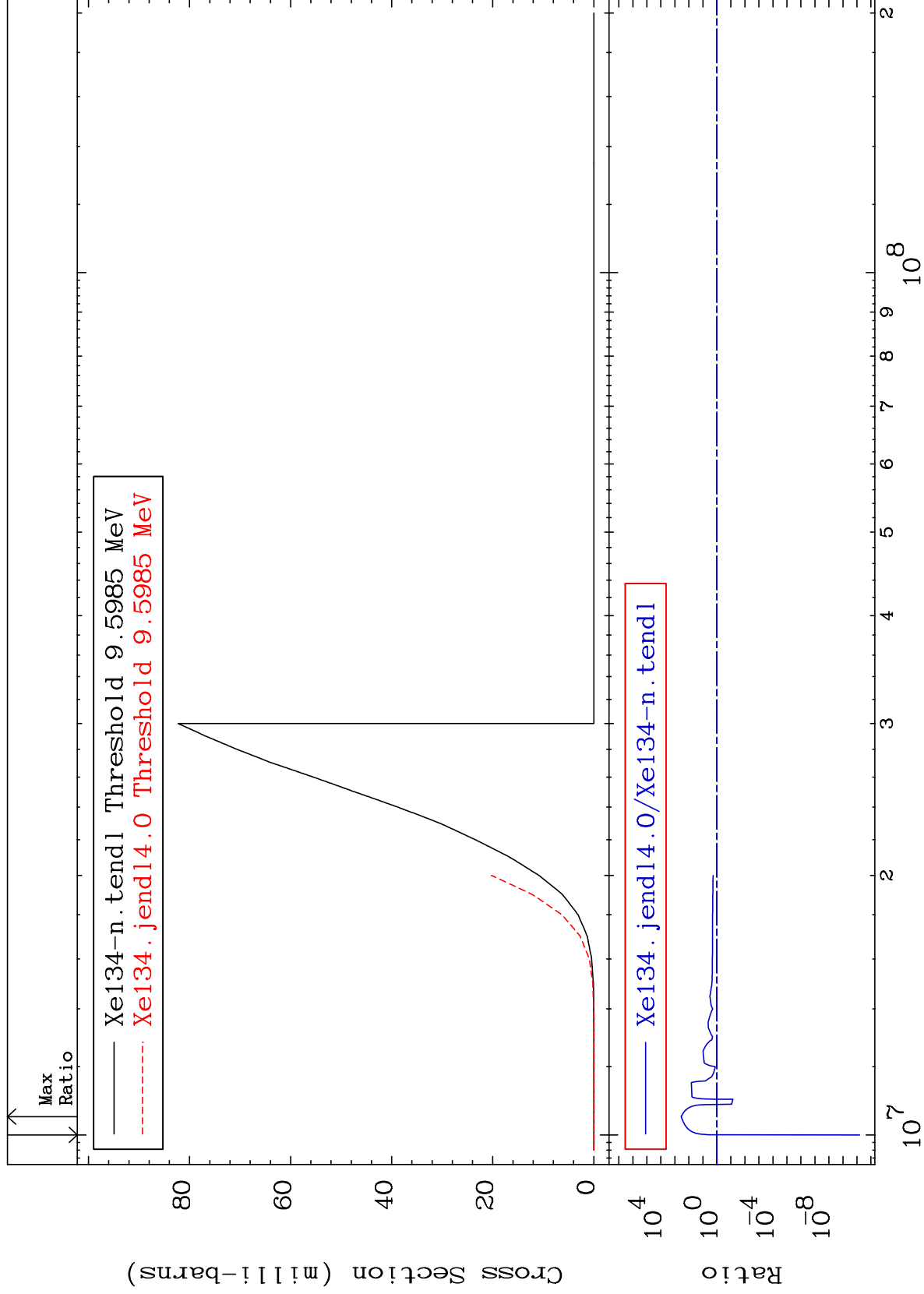
(n, n') α Cross Section
54-Xe-134
-100.0 To 9999. %



MAT 5455

(n,n') p
Cross Section

54-Xe-134
-100.0 To 9999. %



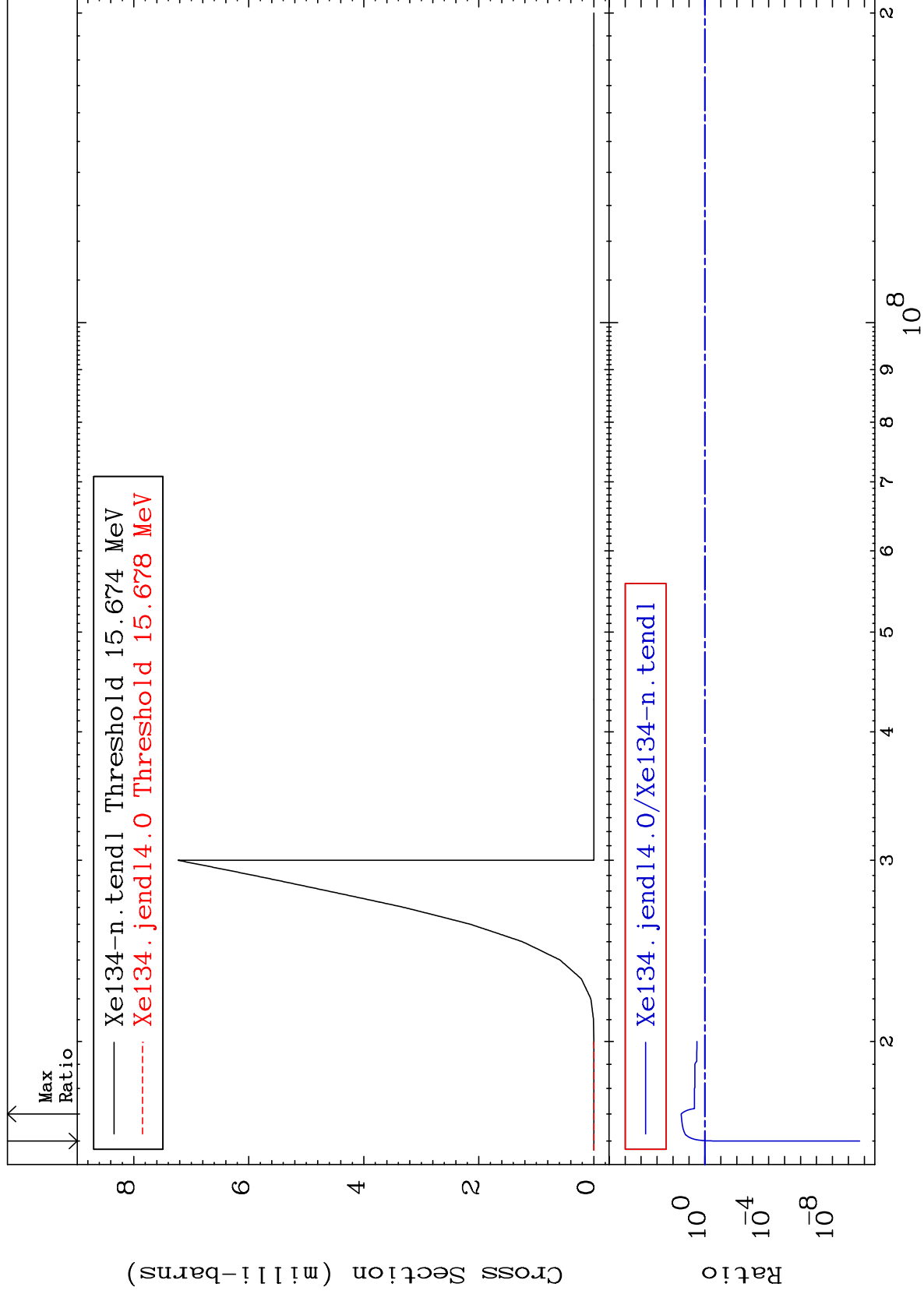
Incident Energy (eV)

54-Xe-134

MAT 5455

(n,n') d
Cross Section

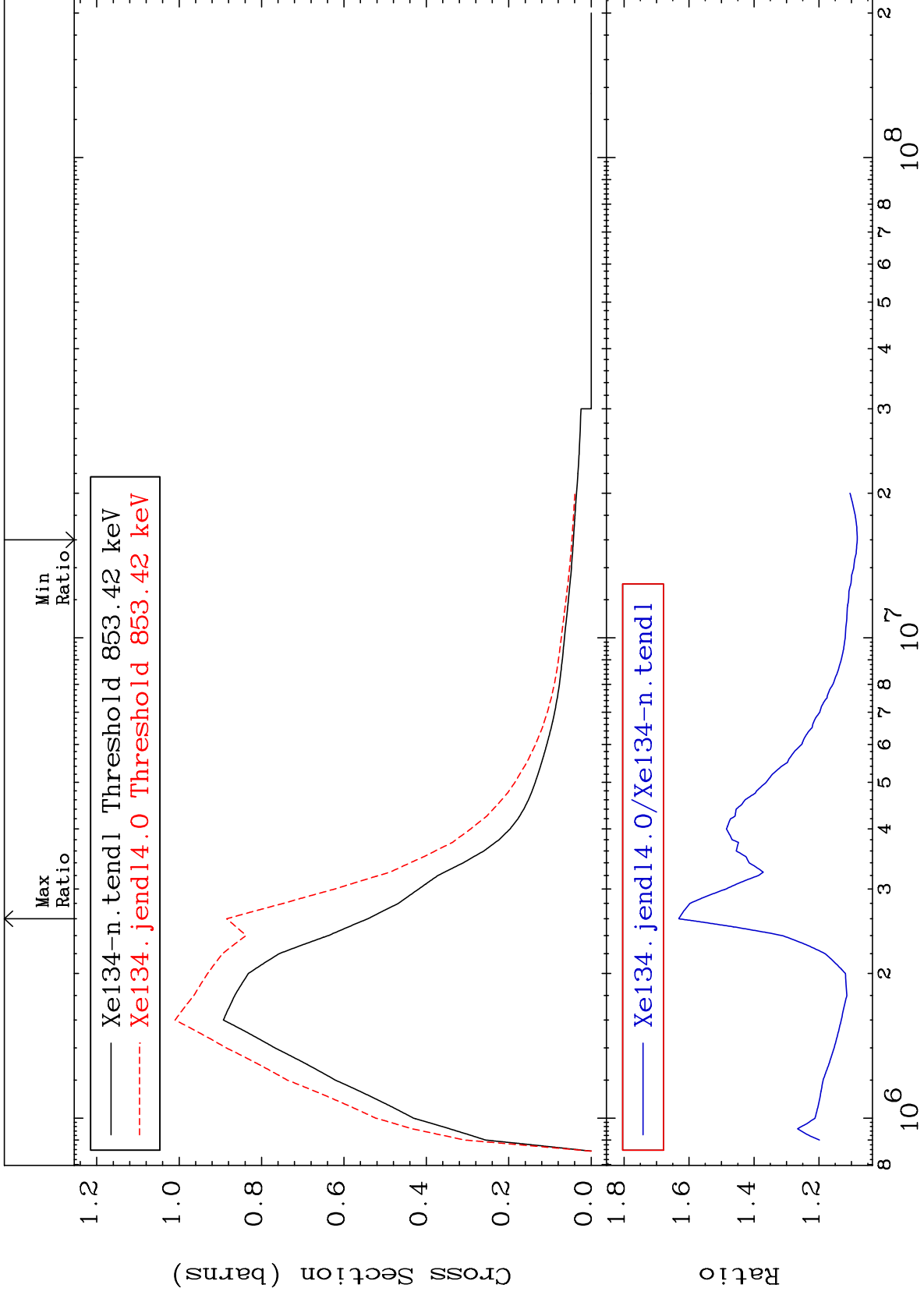
54-Xe-134
-100.0 To 2964. %



MAT 5455

847.0 keV (n,n') Level
Cross Section

54-Xe-134
8.236 To 63.20 %



9

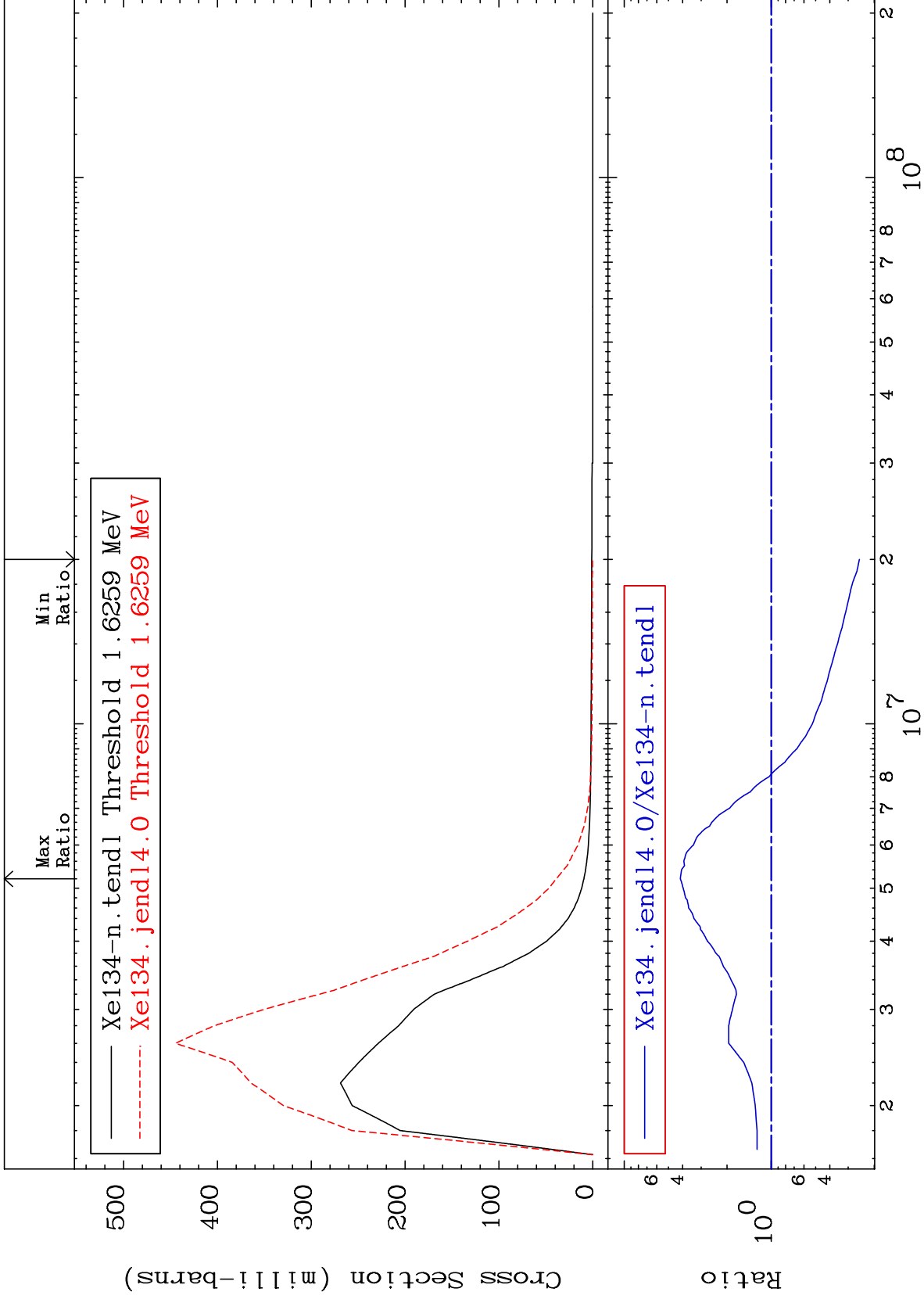
Incident Energy (eV)

54-Xe-134

MAT 5455

1.614 MeV (n,n') Level
Cross Section

54-Xe-134
-74.82 To 315.0 %



10

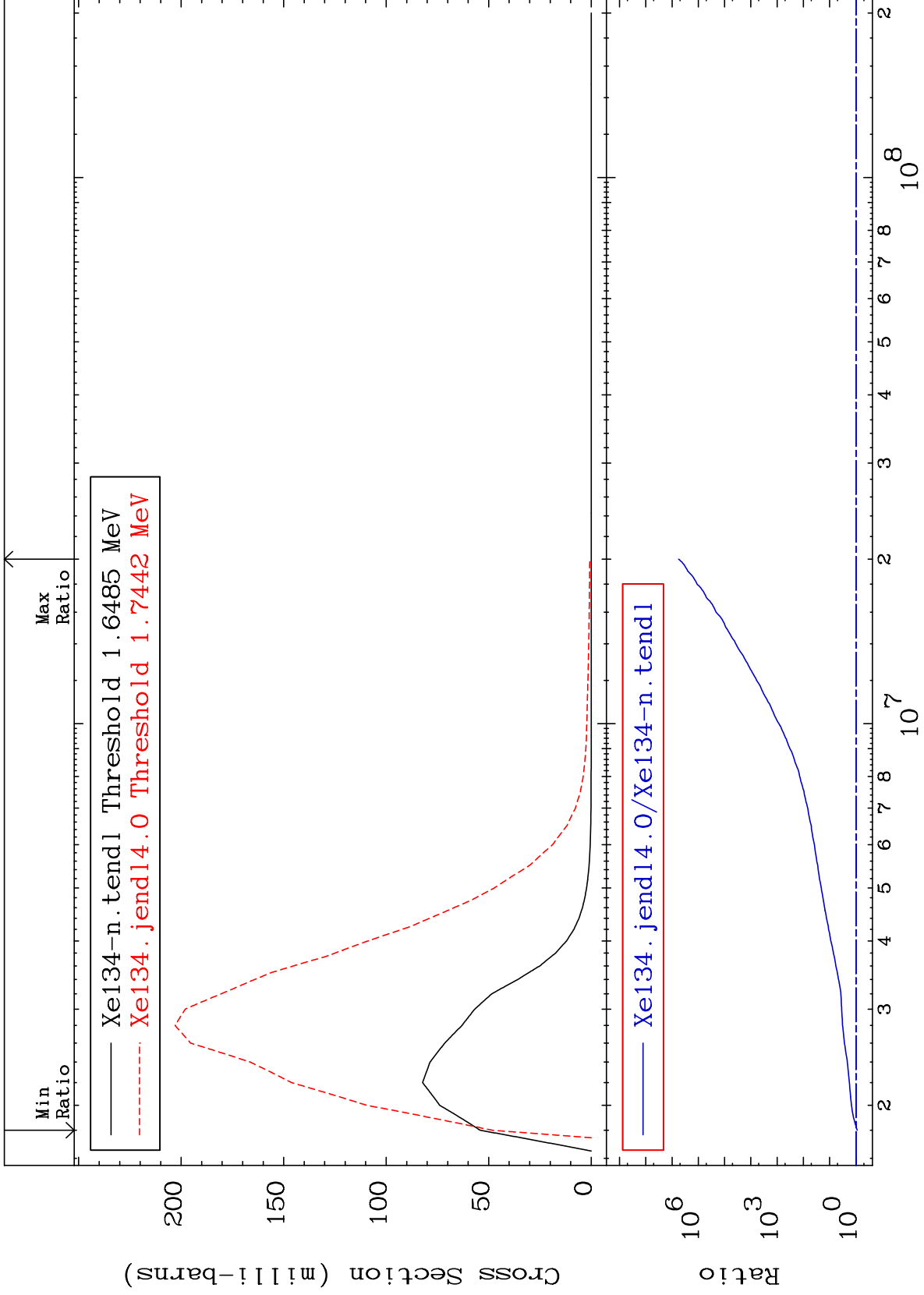
Incident Energy (eV)

54-Xe-134

MAT 5455

1.636 MeV (n,n') Level
Cross Section

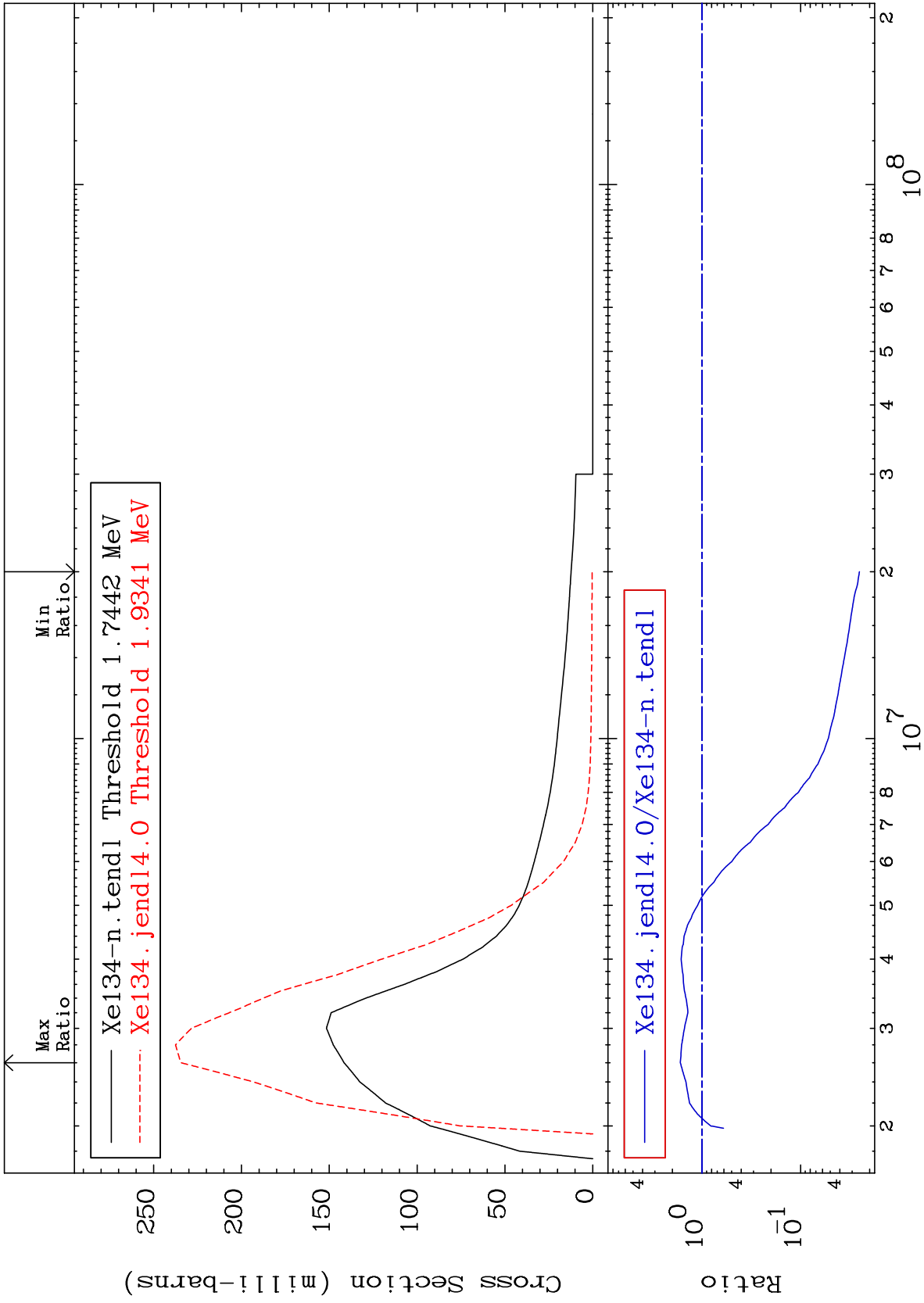
54-Xe-134
-11.00 To 9999. %



MAT 5455

1.731 MeV (n,n') Level
Cross Section

54-Xe-134
-97.47 To 65.70 %



12

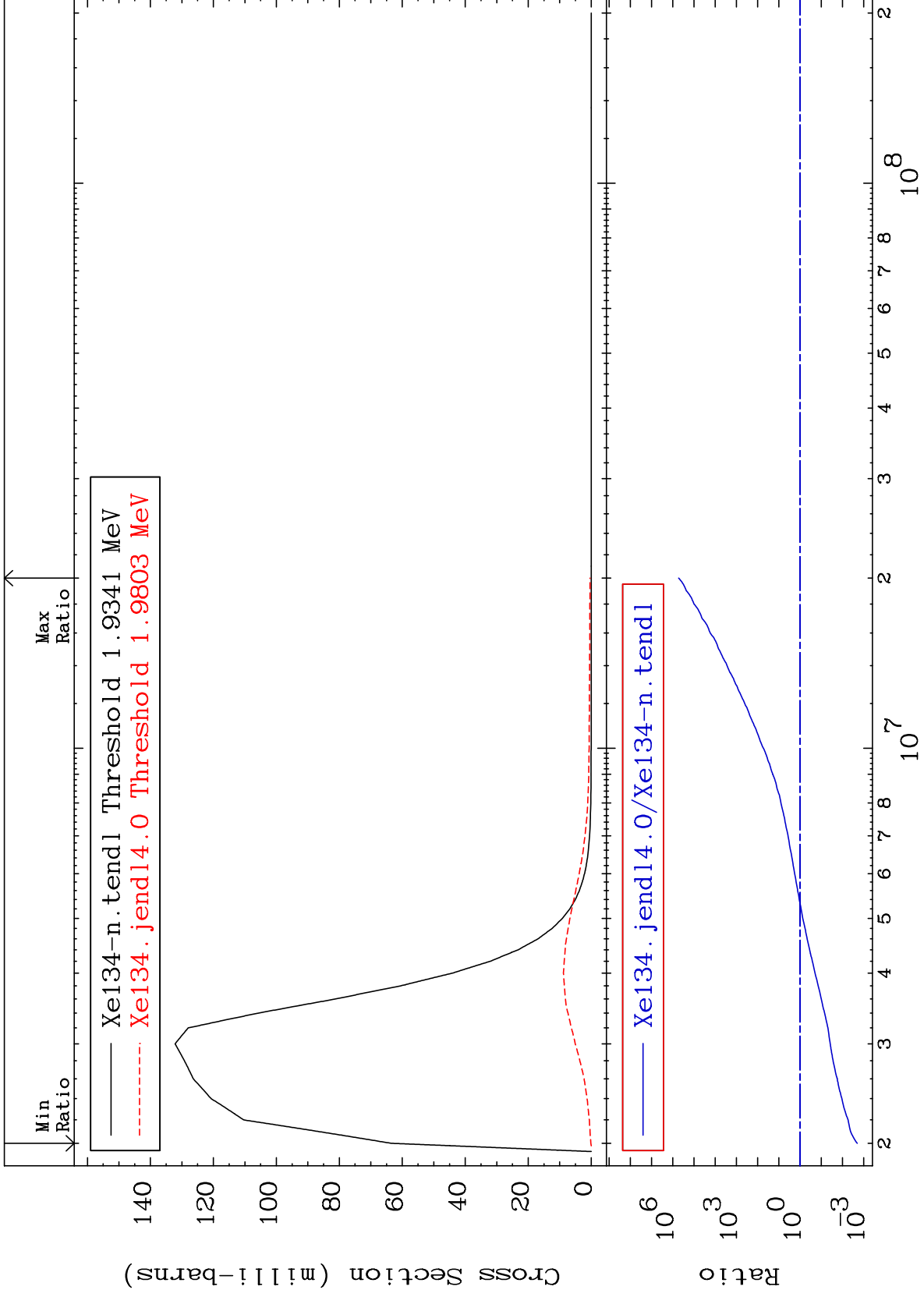
Incident Energy (eV)

54-Xe-134

MAT 5455

1.920 MeV (n,n') Level
Cross Section

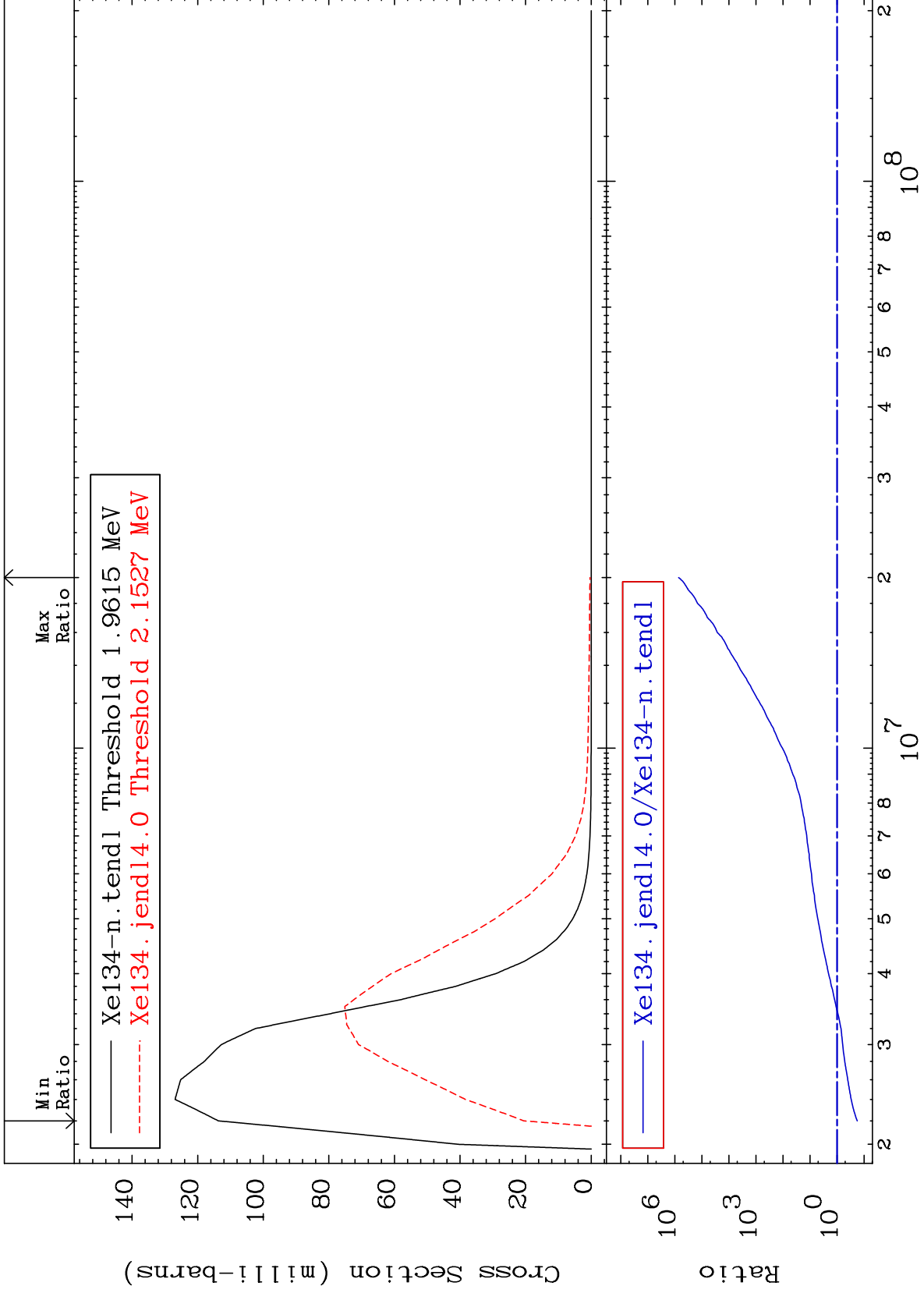
54-Xe-134
-99.80 To 9999. %



MAT 5455

1.947 MeV (n,n') Level
Cross Section

54-Xe-134
-81.95 To 9999. %



14

Incident Energy (eV)

54-Xe-134

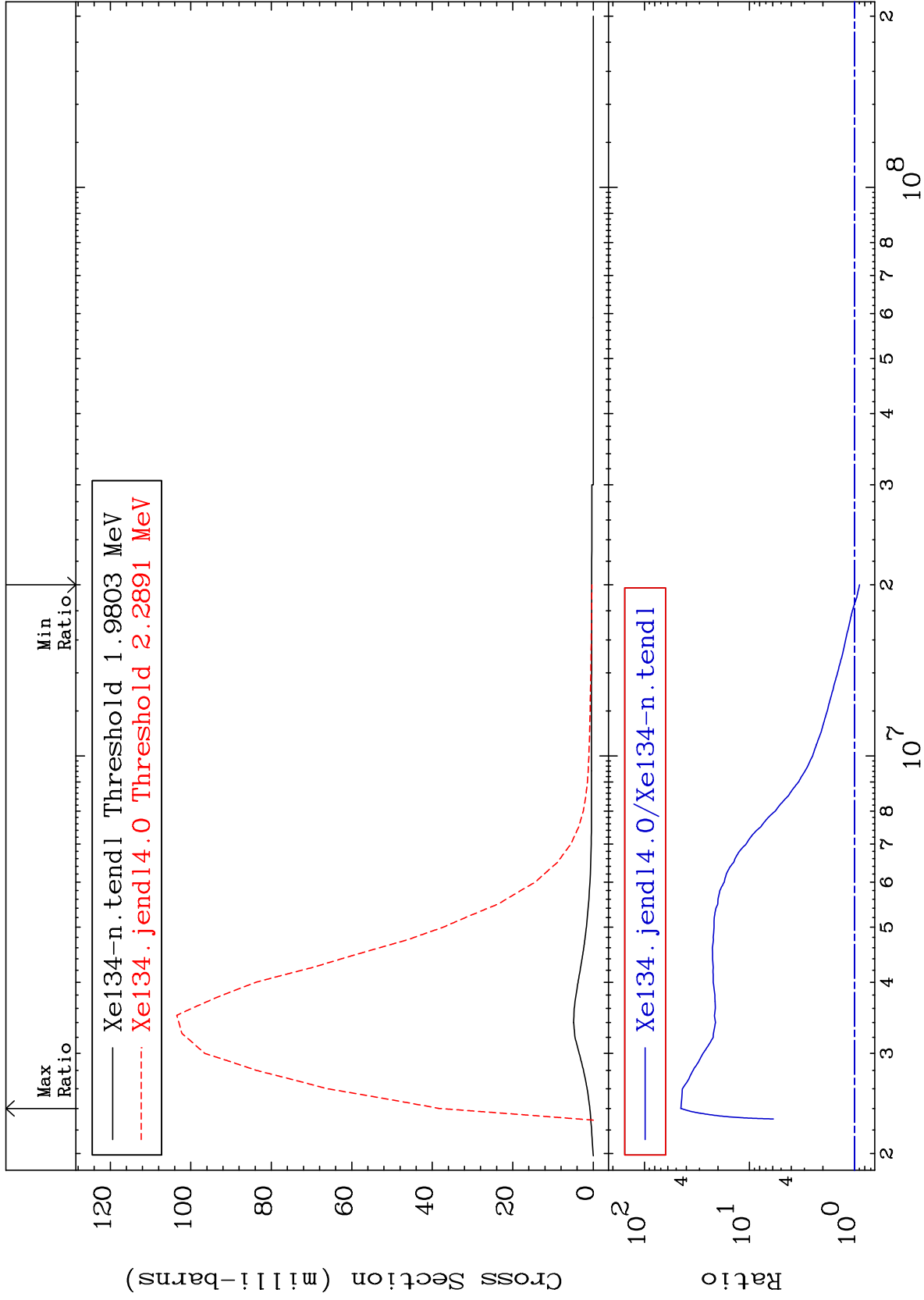
MAT 5455

1.965 MeV (n,n') Level

54-Xe-134

-10.36 To 4412. %

Cross Section



15

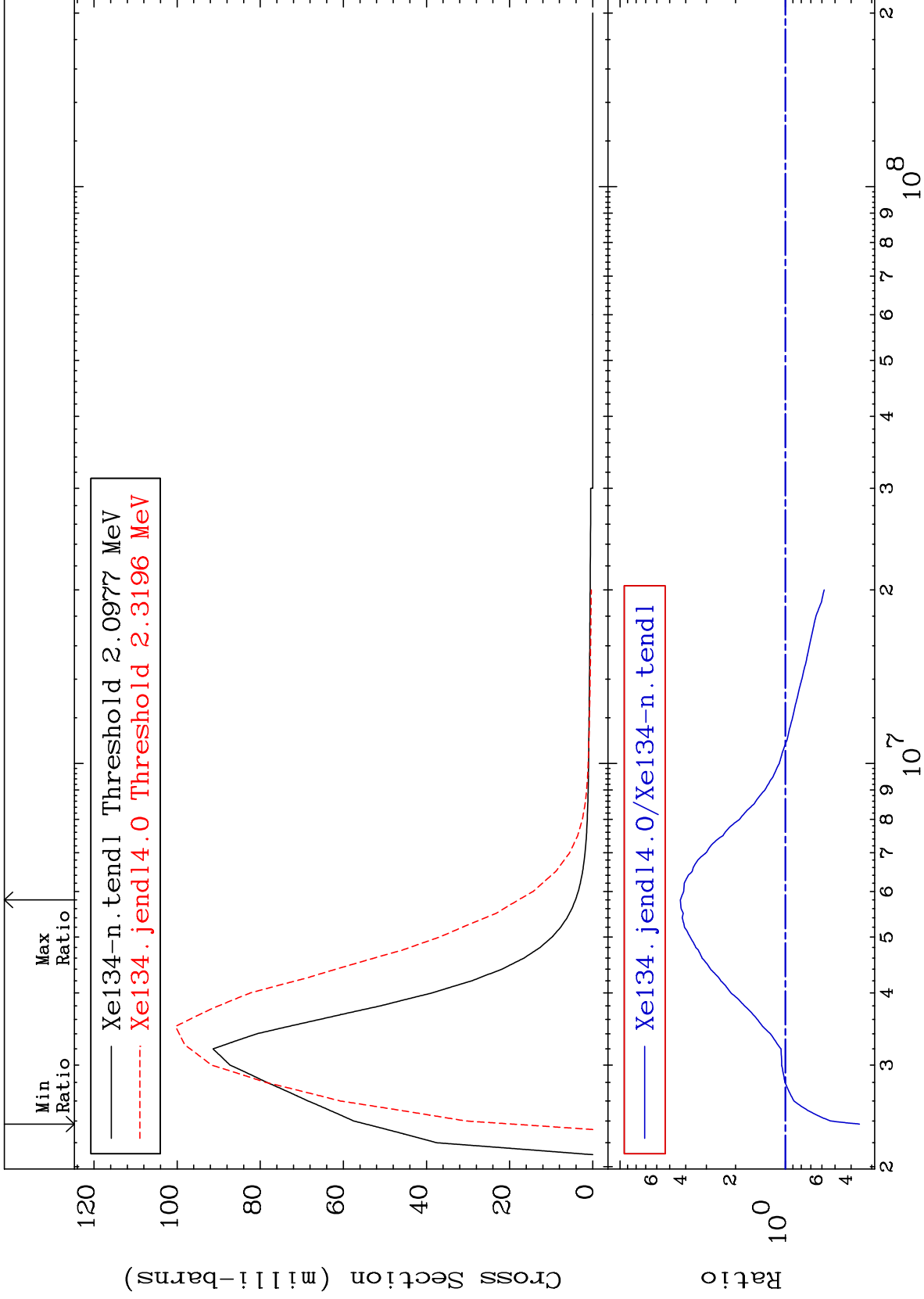
Incident Energy (eV)

54-Xe-134

MAT 5455

2.082 MeV (n,n') Level
Cross Section

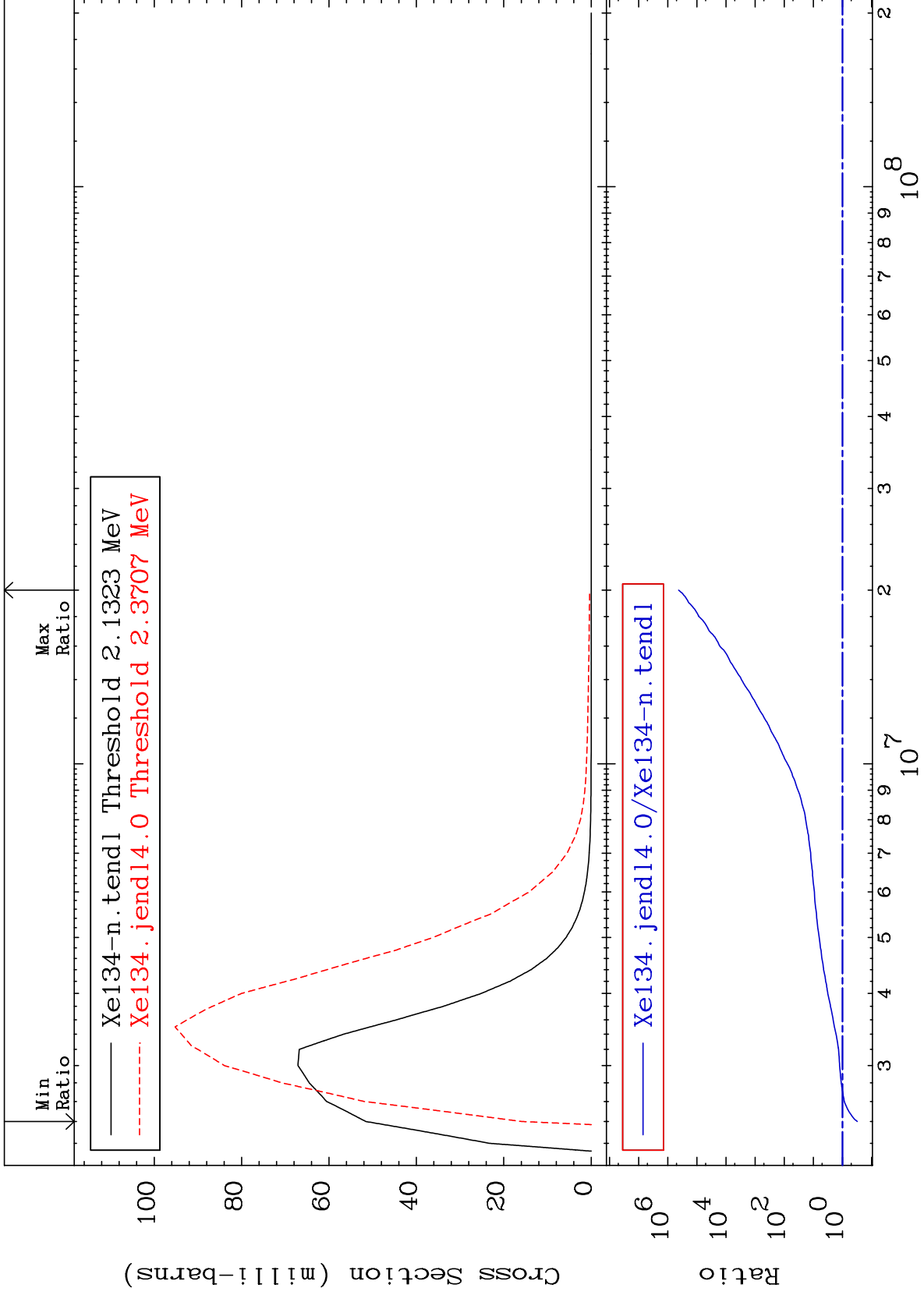
54-Xe-134
-64.39 To 331.5 %



MAT 5455

2.116 MeV (n,n') Level
Cross Section

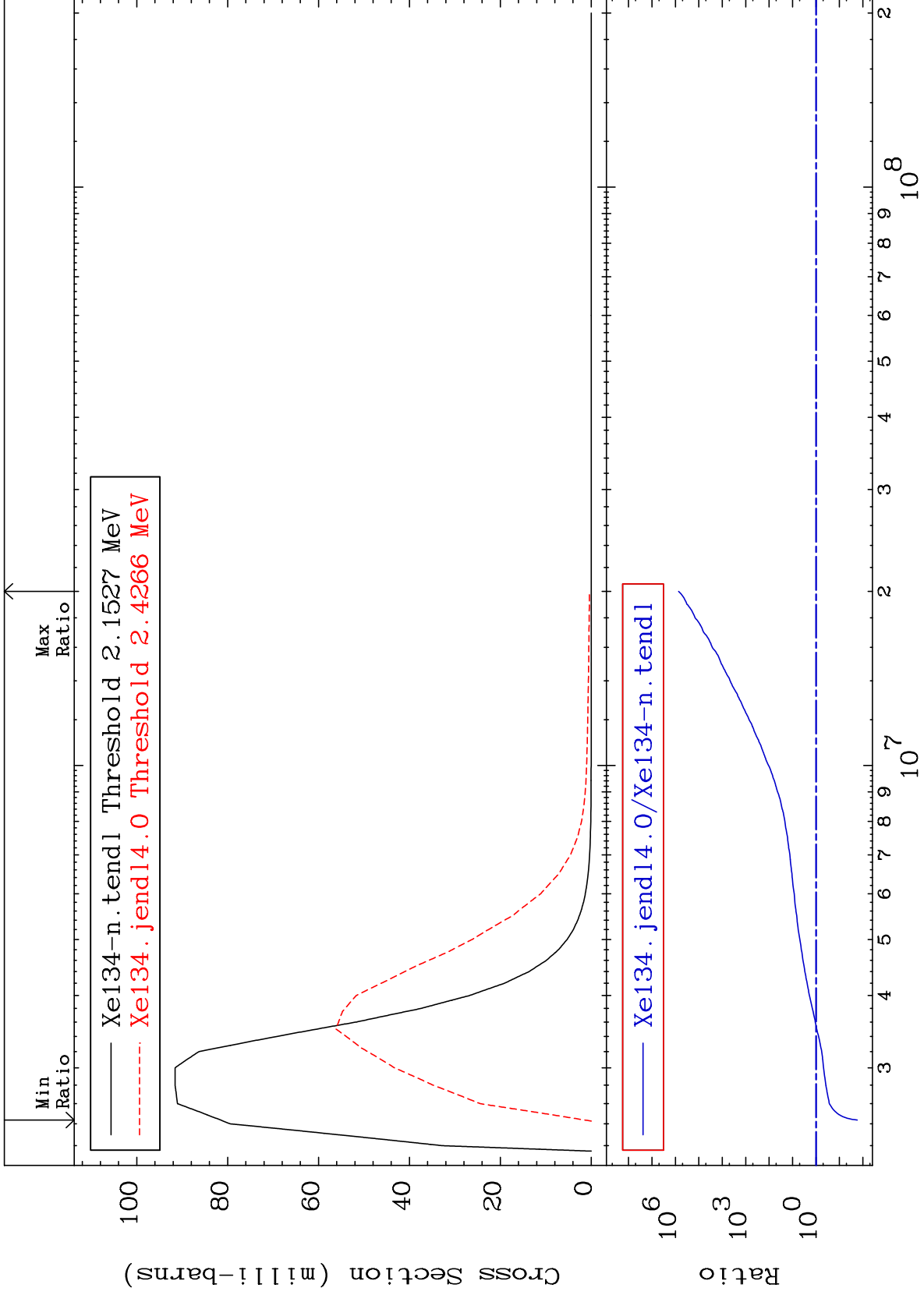
54-Xe-134
-69.12 To 9999. %



MAT 5455

2.137 MeV (n,n') Level
Cross Section

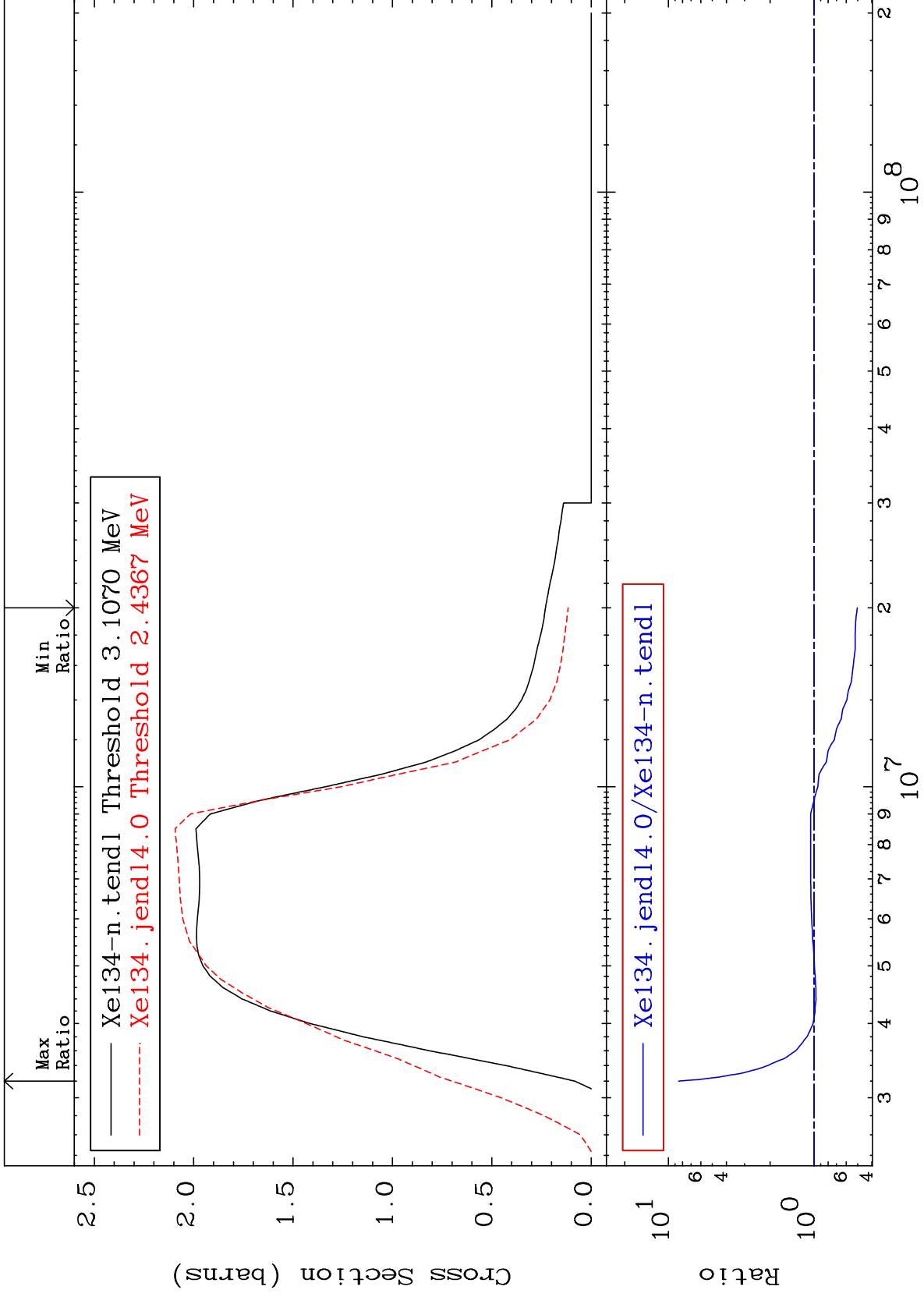
54-Xe-134
-98.26 To 9999. %



MAT 5455

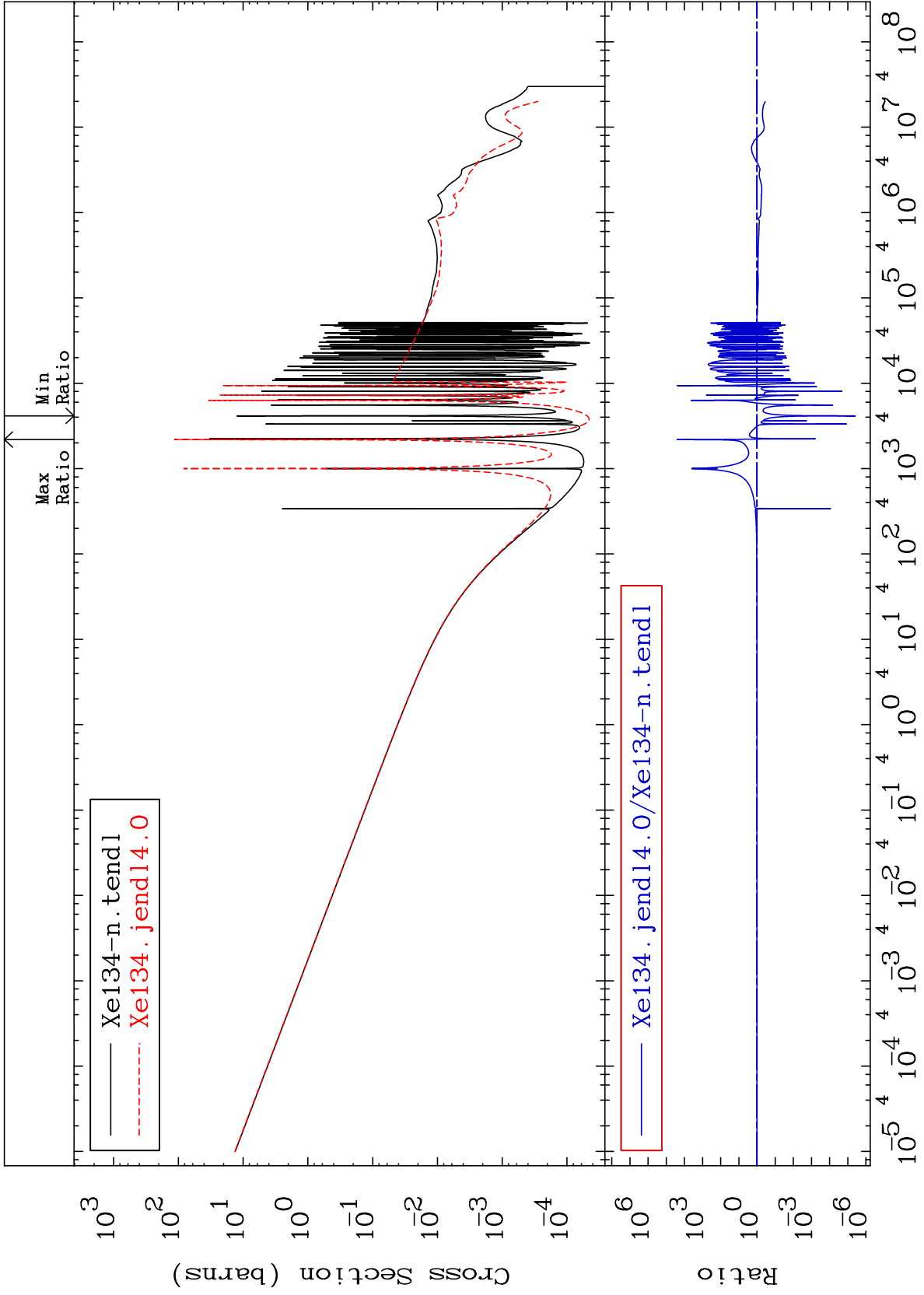
(n, n') Continuum
Cross Section

54-Xe-134
-49.62 To 751.6 %



MAT 5455

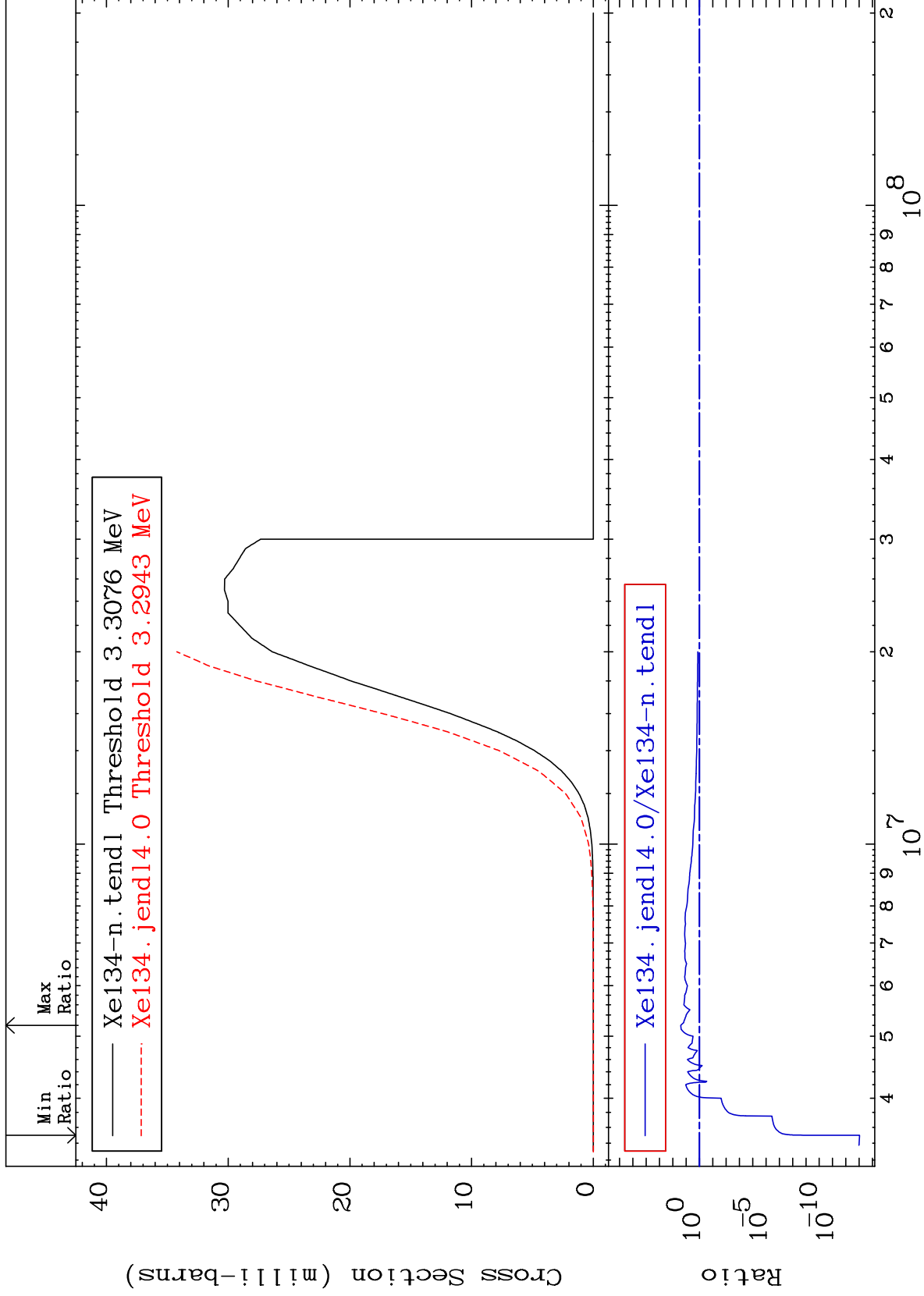
(n, γ)
Cross Section
54-Xe-134
-100.0 To 9999. %



MAT 5455

(n,p)
Cross Section

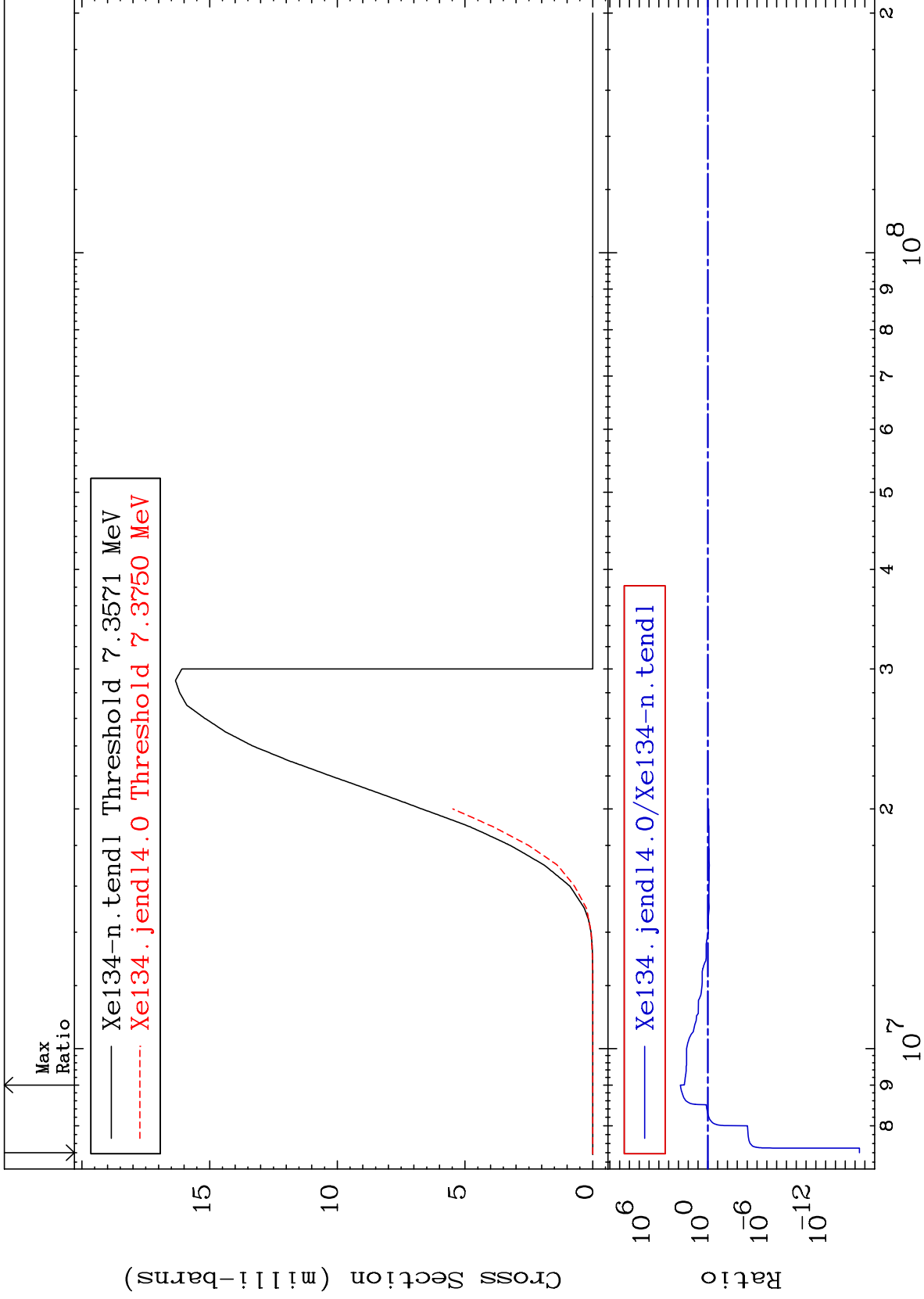
54-Xe-134
-100.0 To 2403. %



MAT 5455

(n, d)
Cross Section

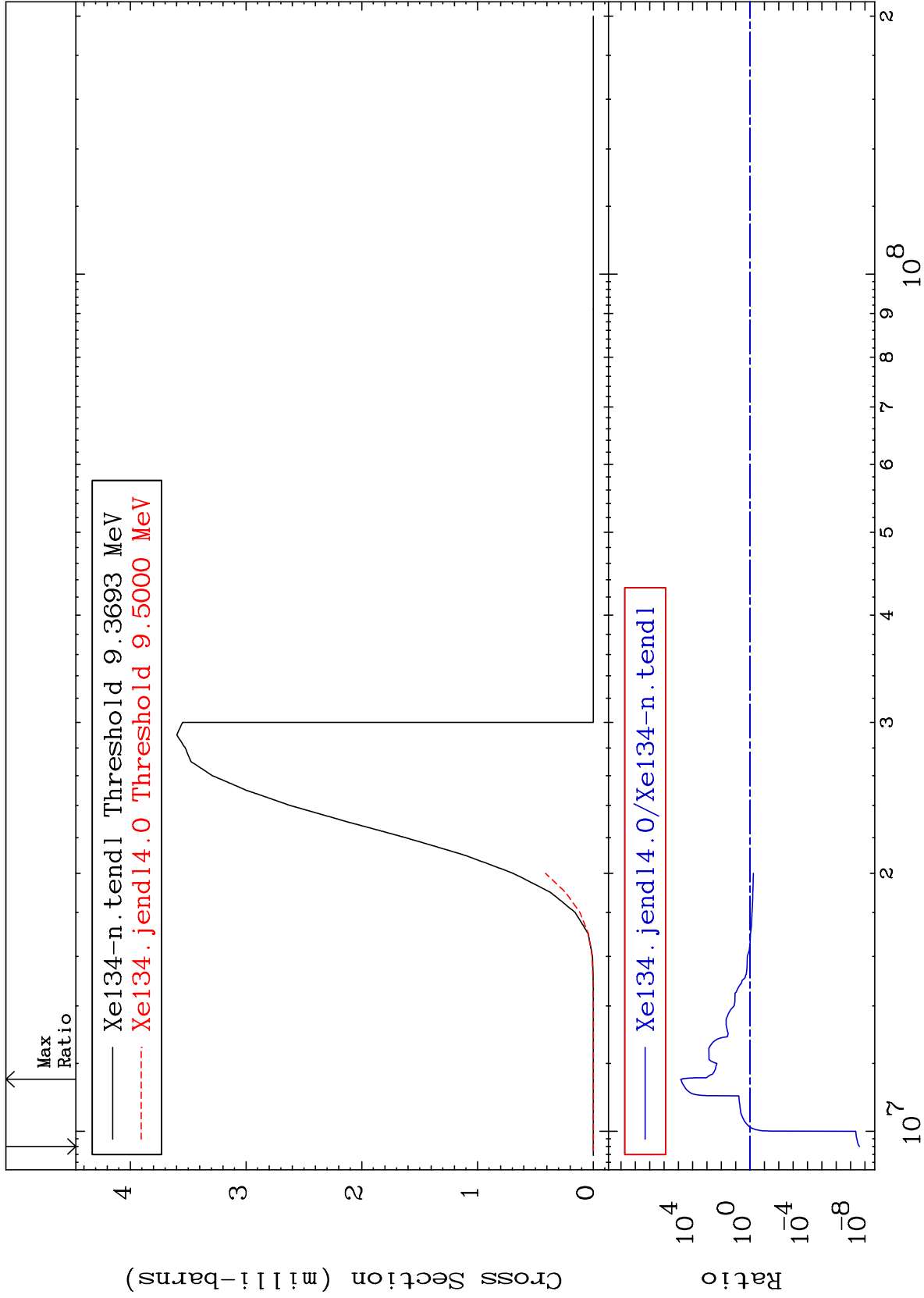
54-Xe-134
-100.0 To 9999. %



MAT 5455

(n, t)
Cross Section

54-Xe-134
-100.0 To 9999. %



23

Incident Energy (eV)

54-Xe-134

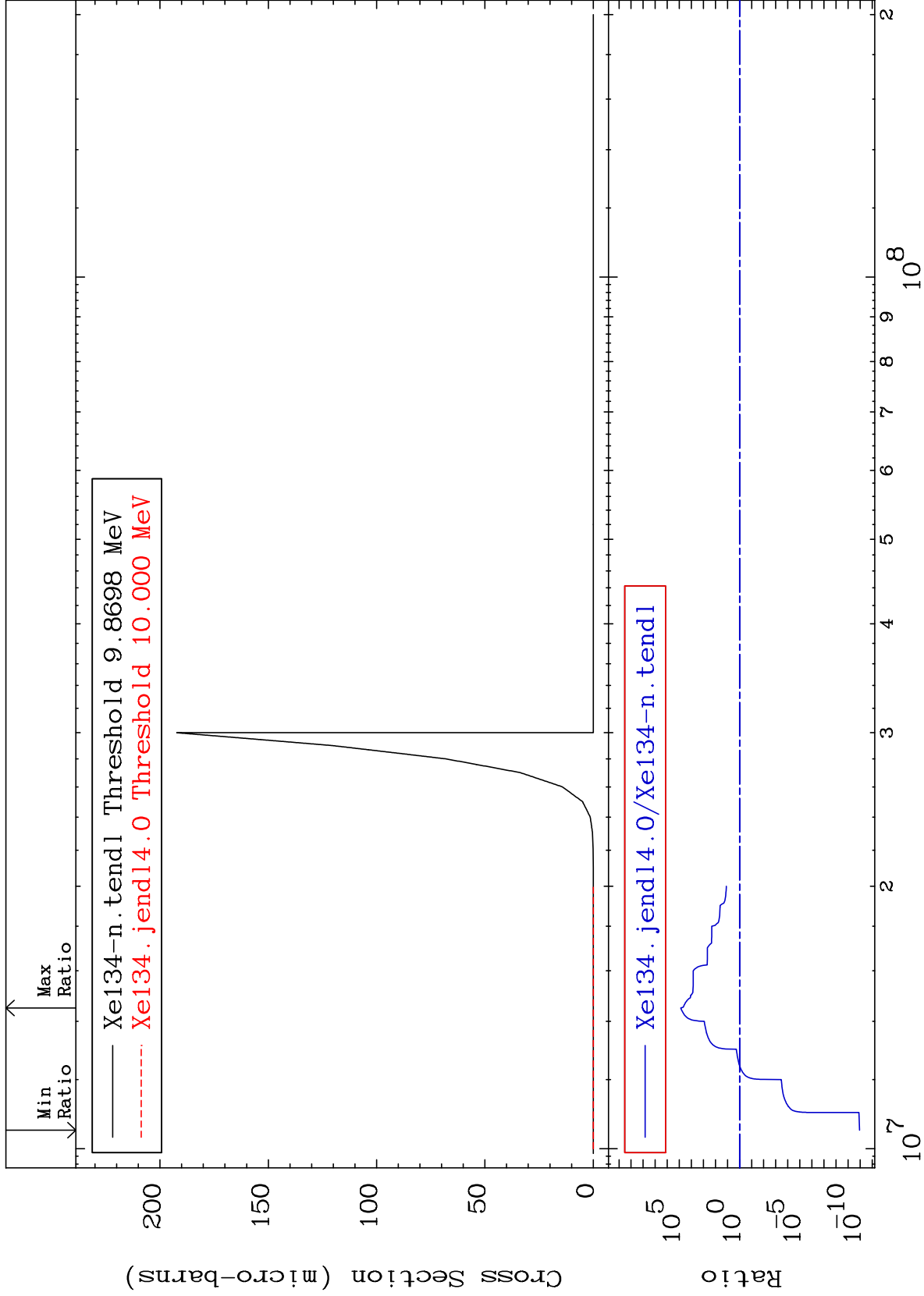
MAT 5455

(n, He-3)

54-Xe-134

Cross Section

-100.0 To 9999. %



24

Incident Energy (eV)

54-Xe-134

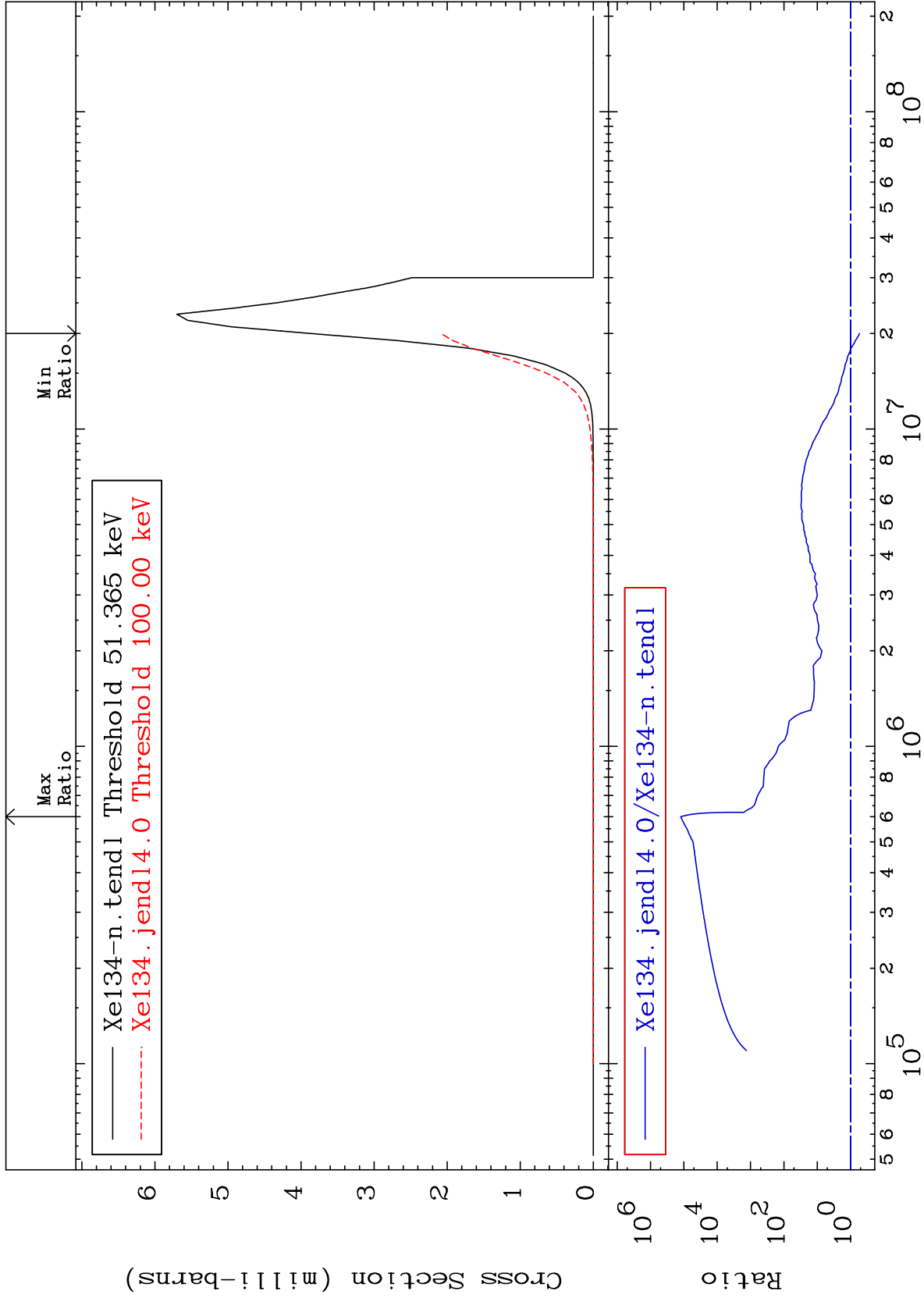
MAT 5455

(n, α)

54-Xe-134

Cross Section

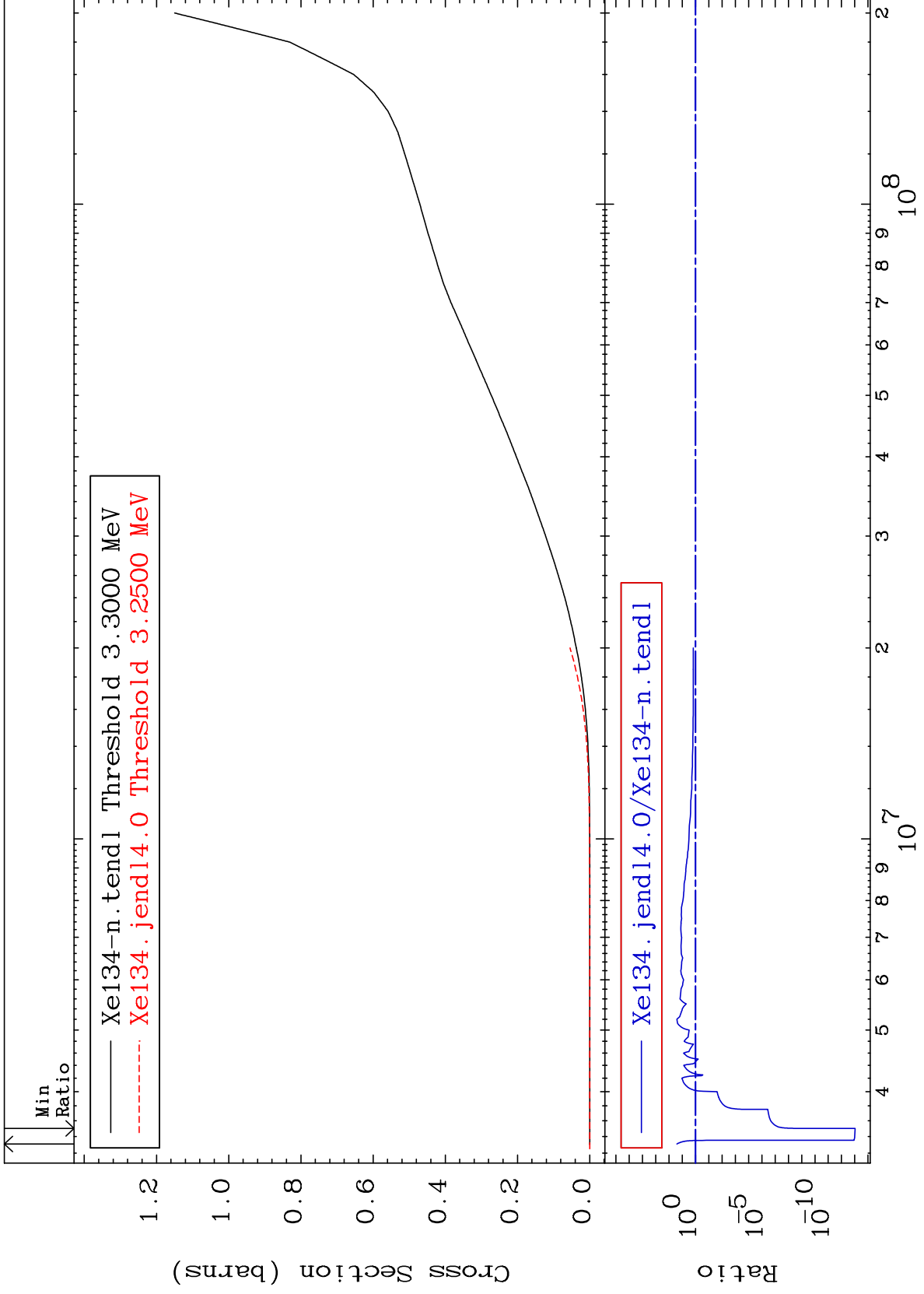
-46.15 To 9999. %



MAT 5455

Hydrogen Production
Cross Section

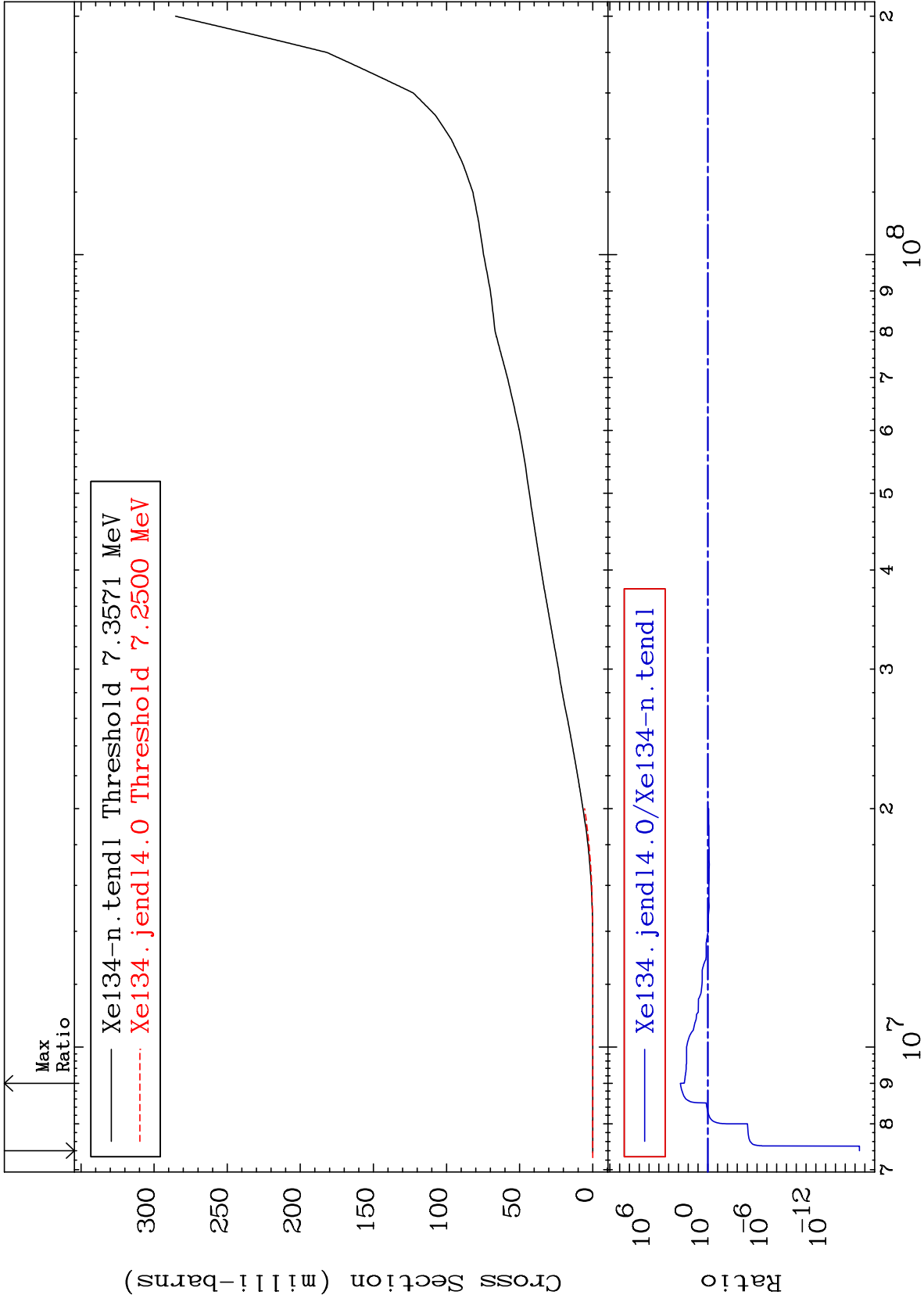
54-Xe-134
-100.0 To 2421. %



MAT 5455

Deuterium Production
Cross Section

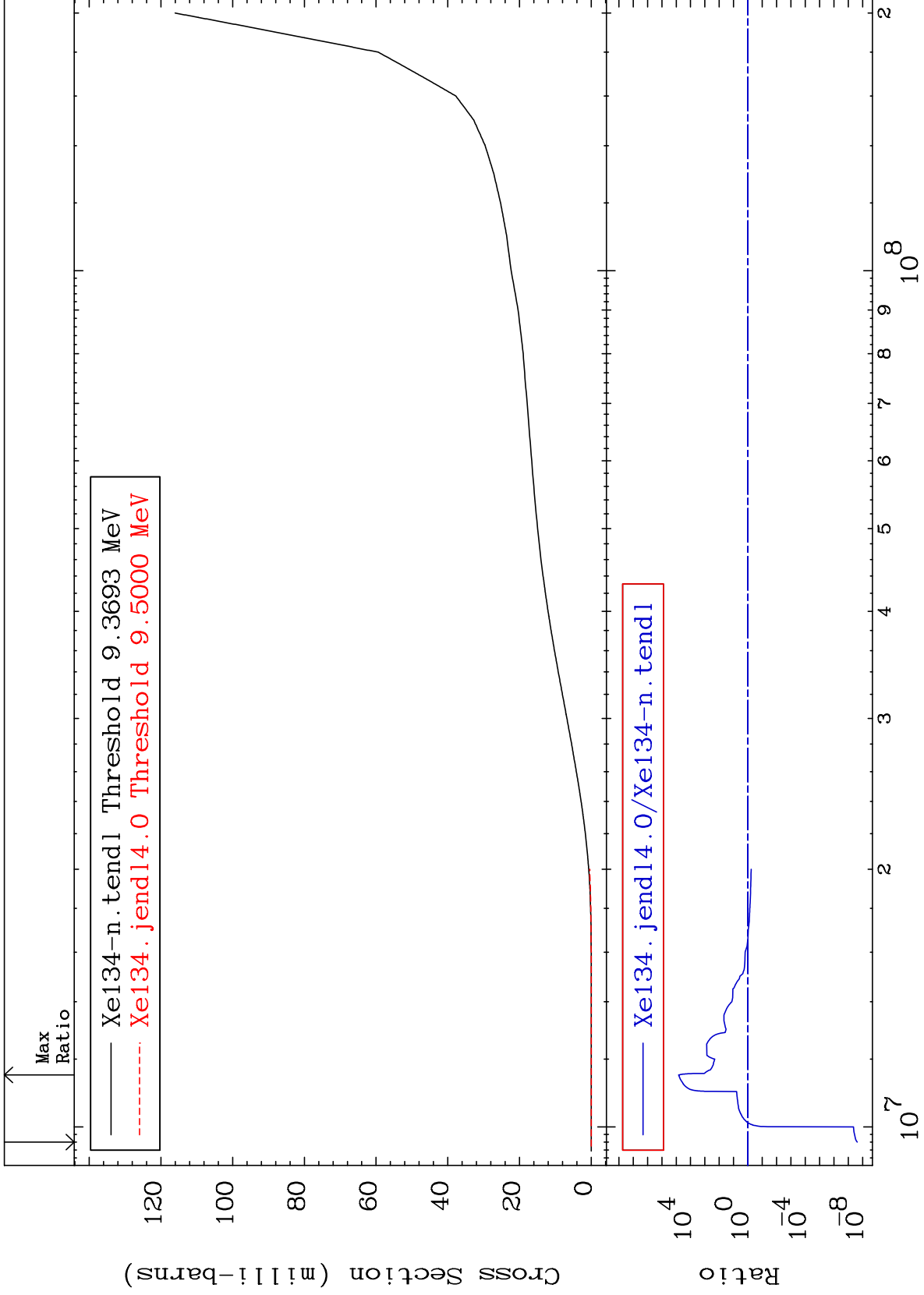
54-Xe-134
-100.0 To 9999. %



MAT 5455

Tritium Production
Cross Section

54-Xe-134
-100.0 To 9999. %



28

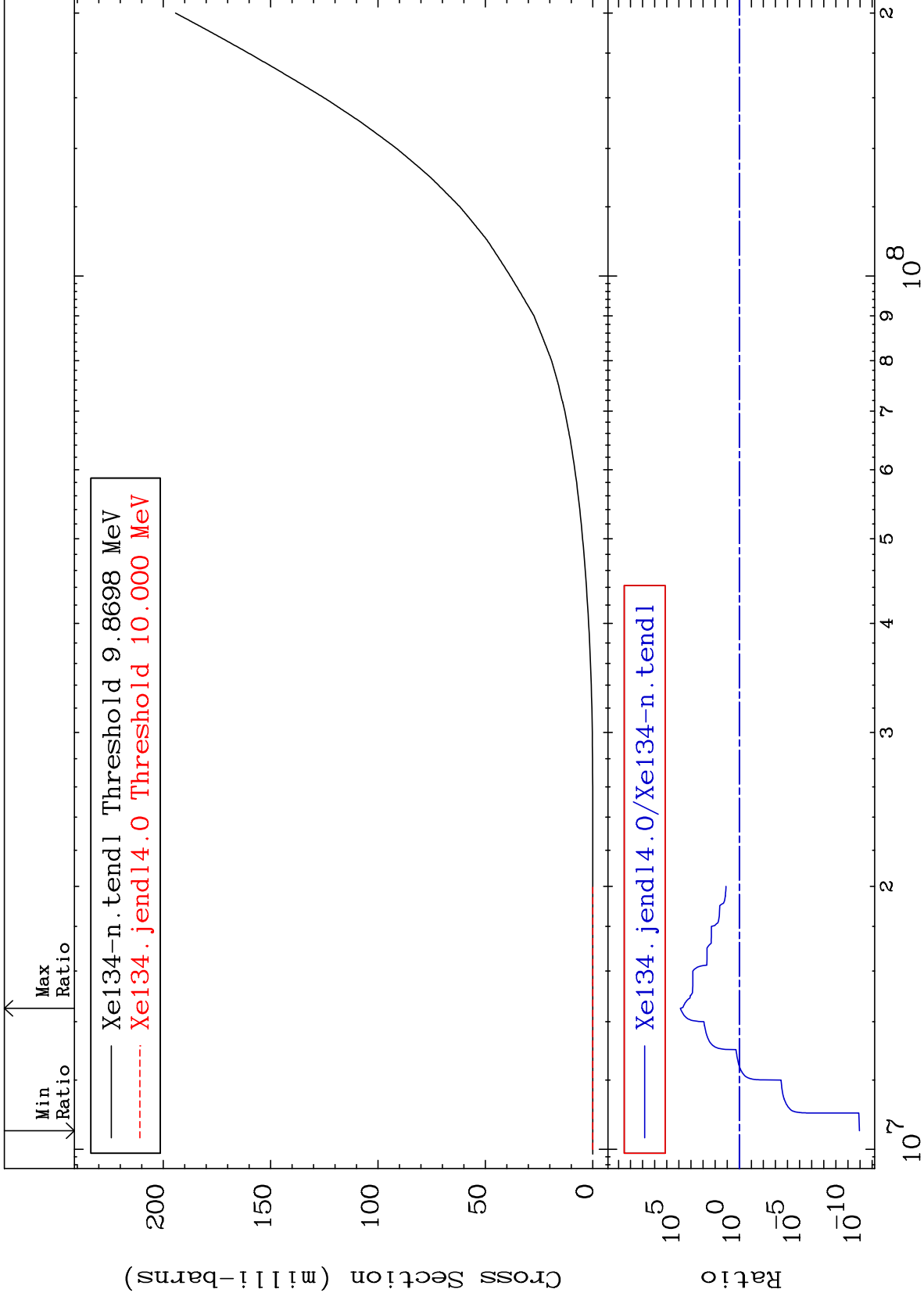
Incident Energy (eV)

54-Xe-134

MAT 5455

He-3 Production
Cross Section

54-Xe-134
-100.0 To 9999. %



29

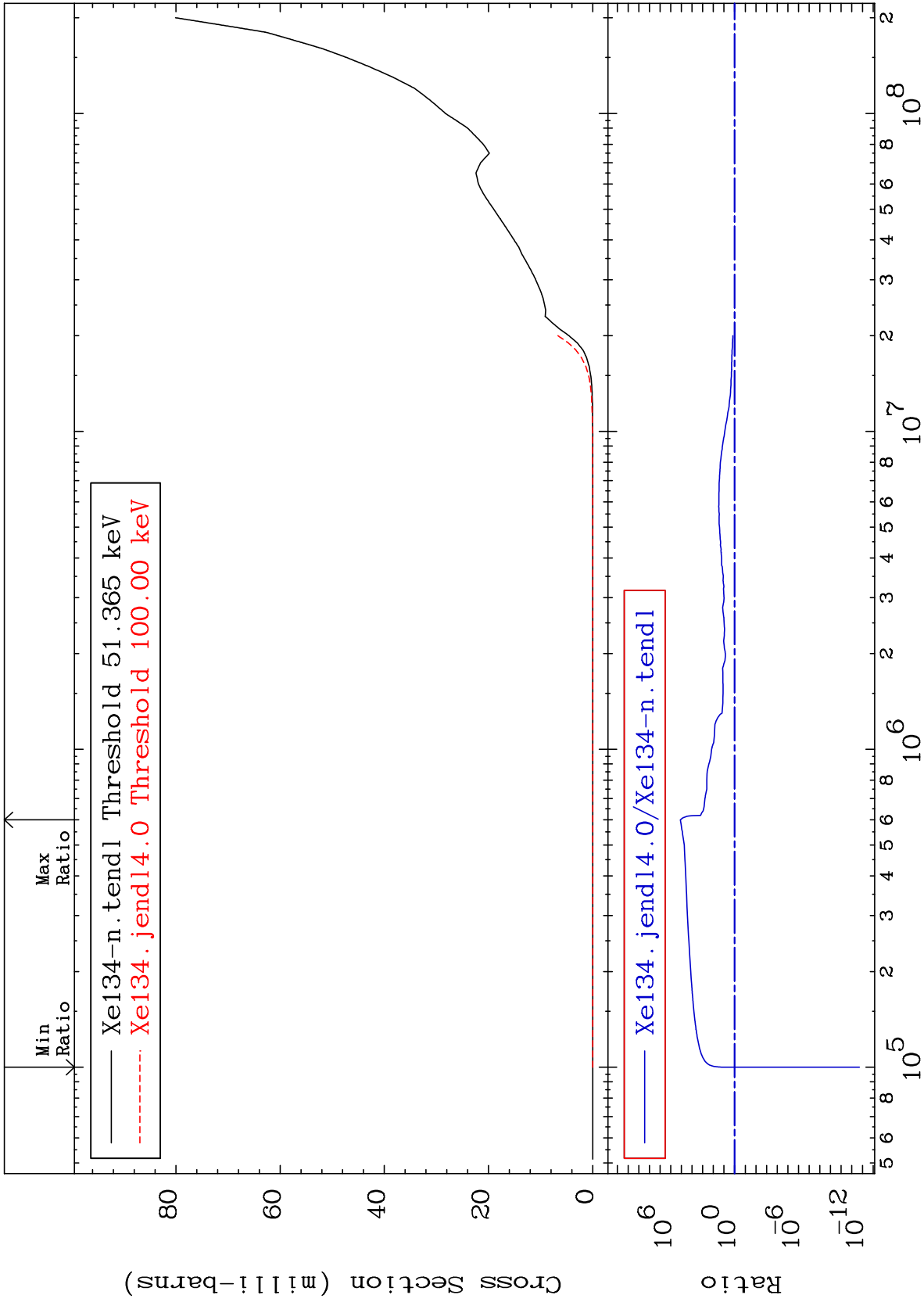
Incident Energy (eV)

54-Xe-134

MAT 5455

He-4 Production
Cross Section

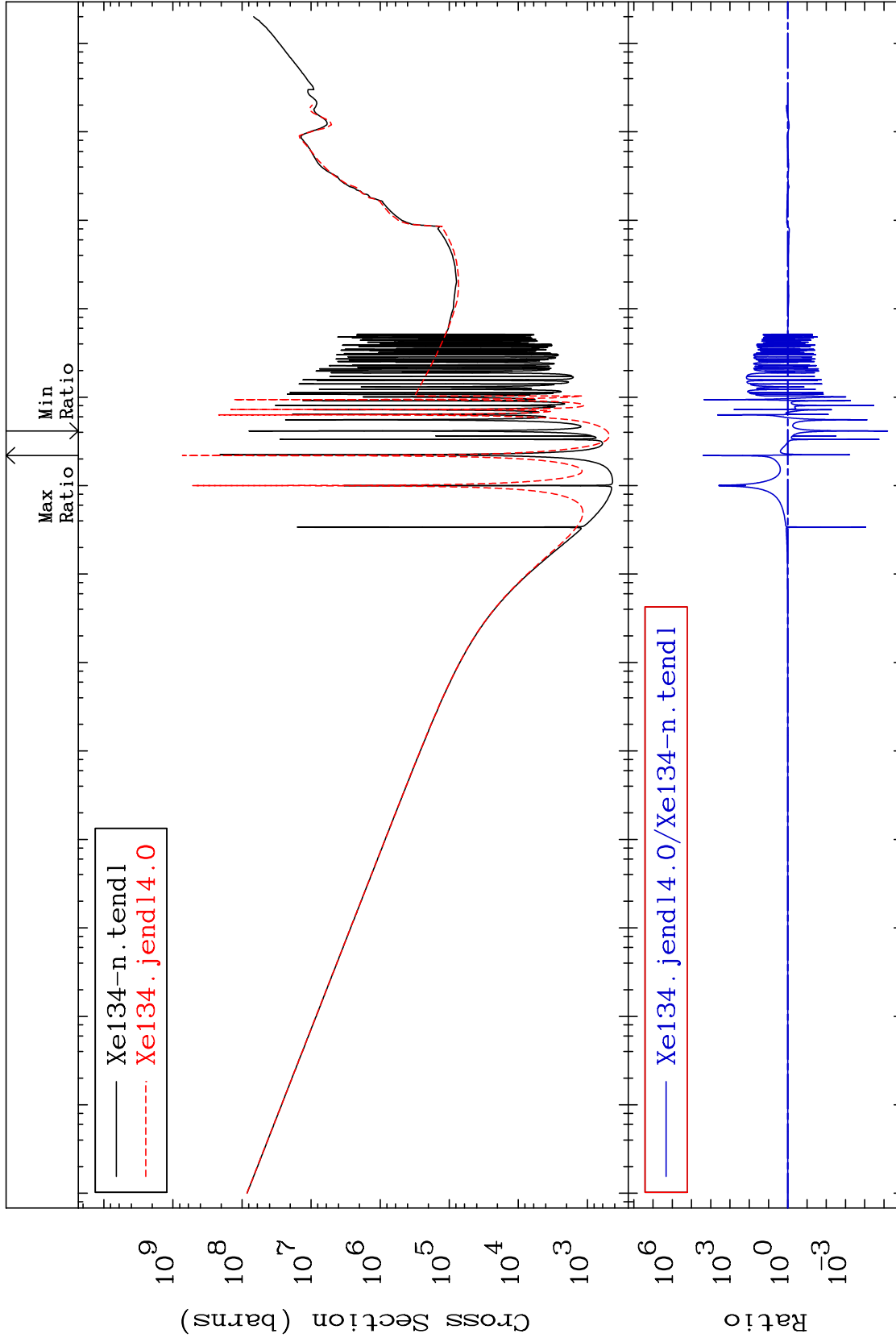
54-Xe-134
-100.0 To 9999. %



30

Incident Energy (eV)

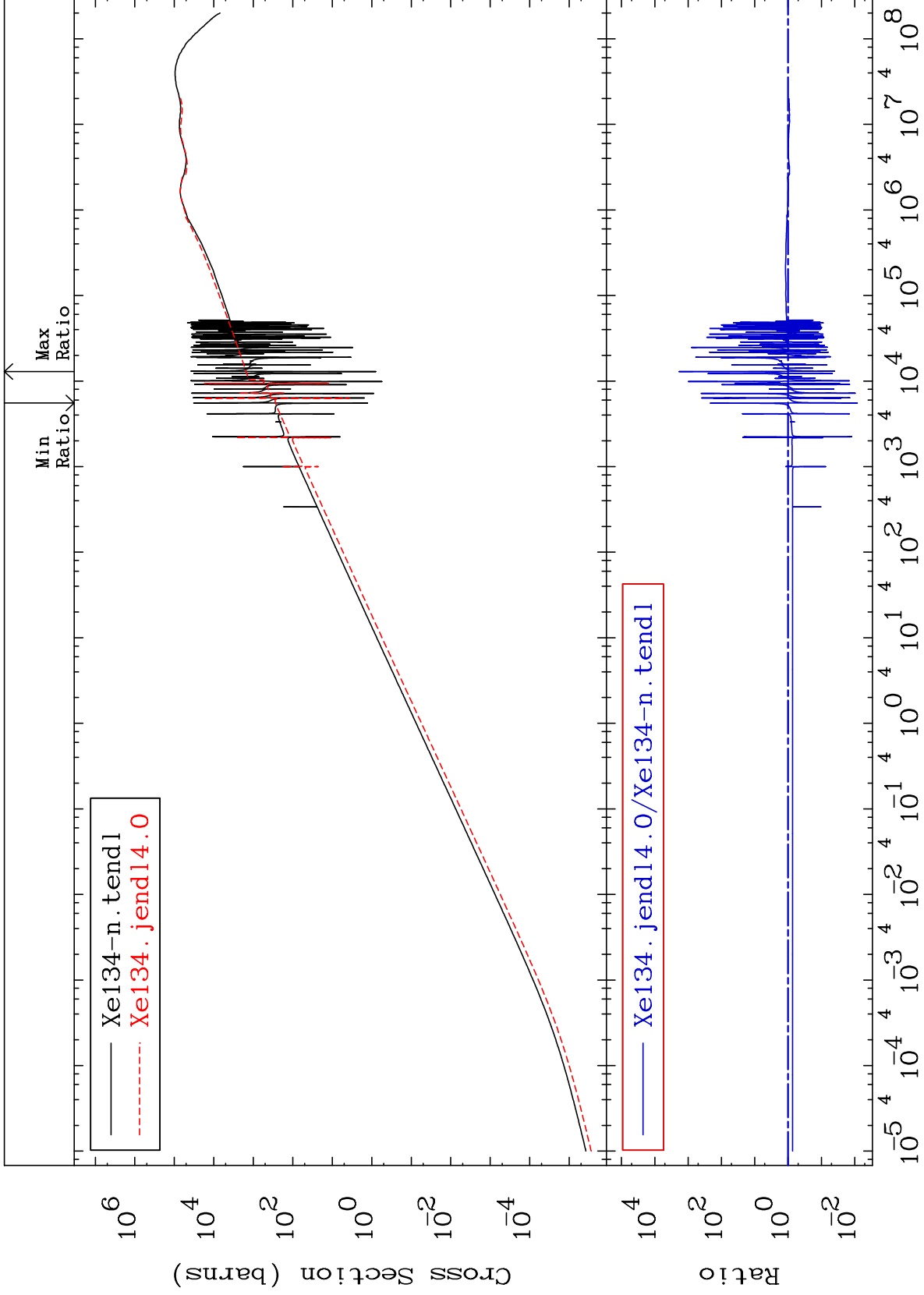
54-Xe-134

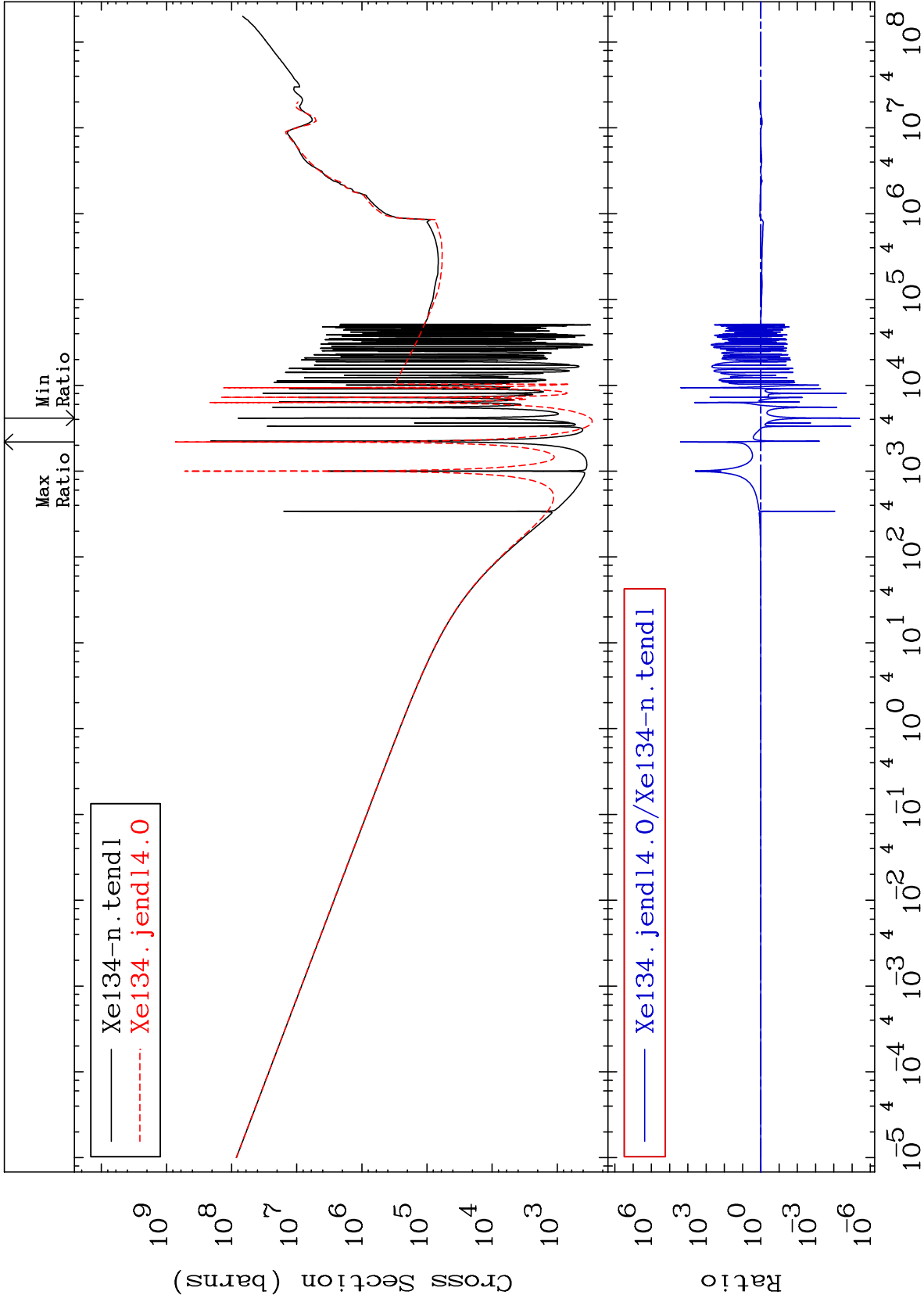


MAT 5455

Kerma elastic
Cross Section

54-Xe-134
-99.16 To 9999. %

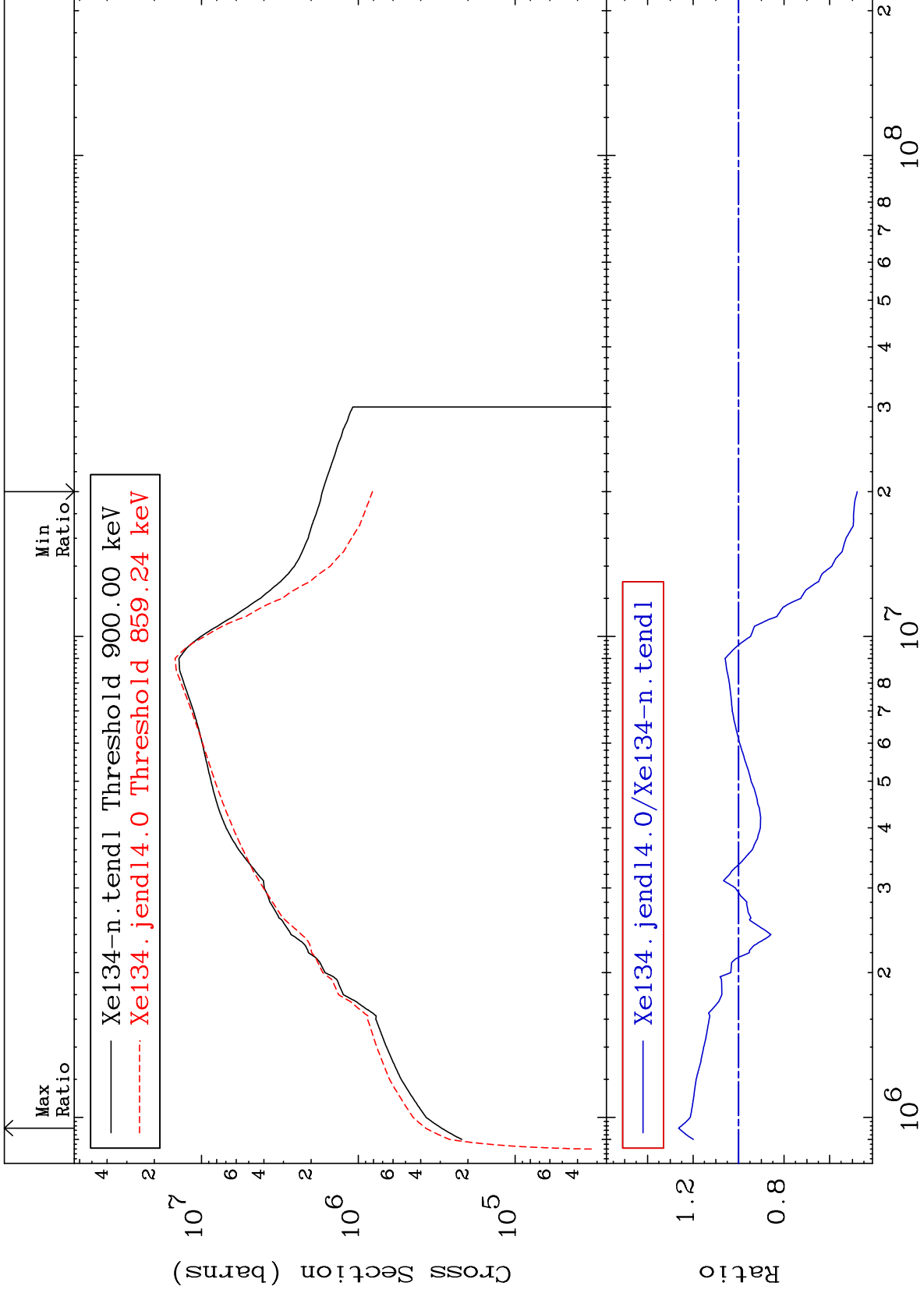




MAT 5455

Kerma inelastic (mt51-91)
Cross Section

54-Xe-134
-52.12 To 26.33 %



34

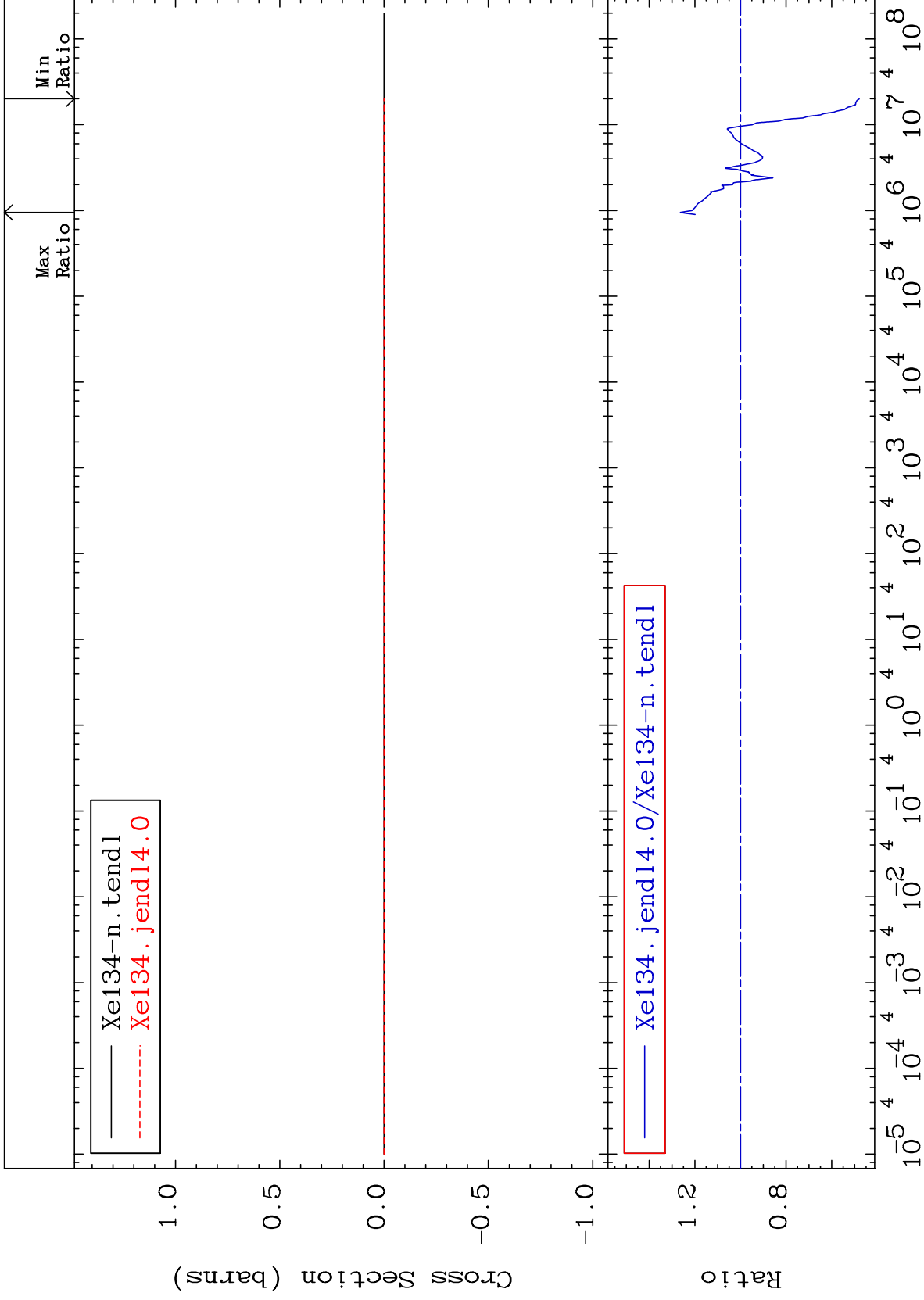
Incident Energy (eV)

54-Xe-134

MAT 5455

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

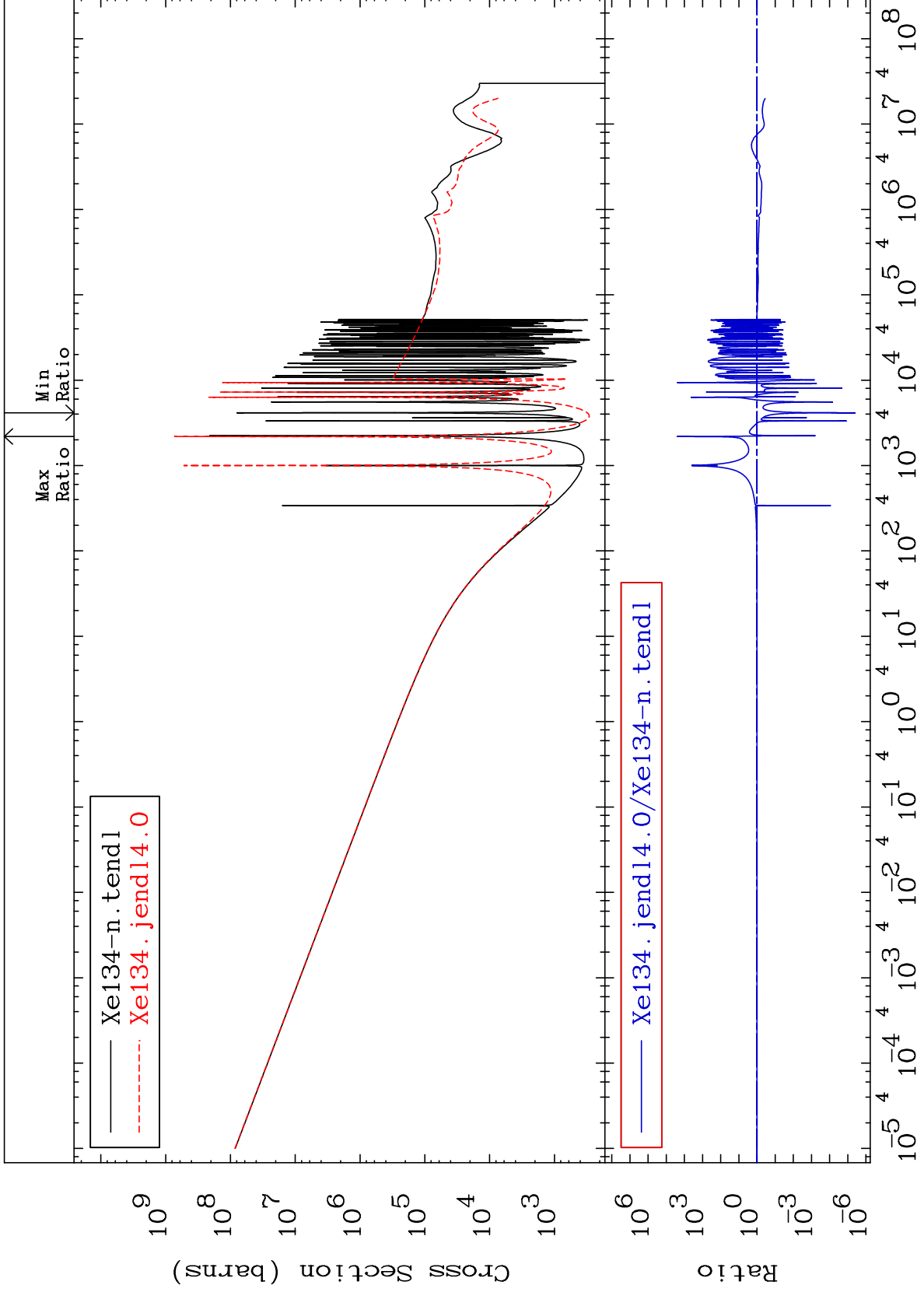
54-Xe-134
-52.12 To 26.33 %



MAT 5455

Kerma capture (mt102)
Cross Section

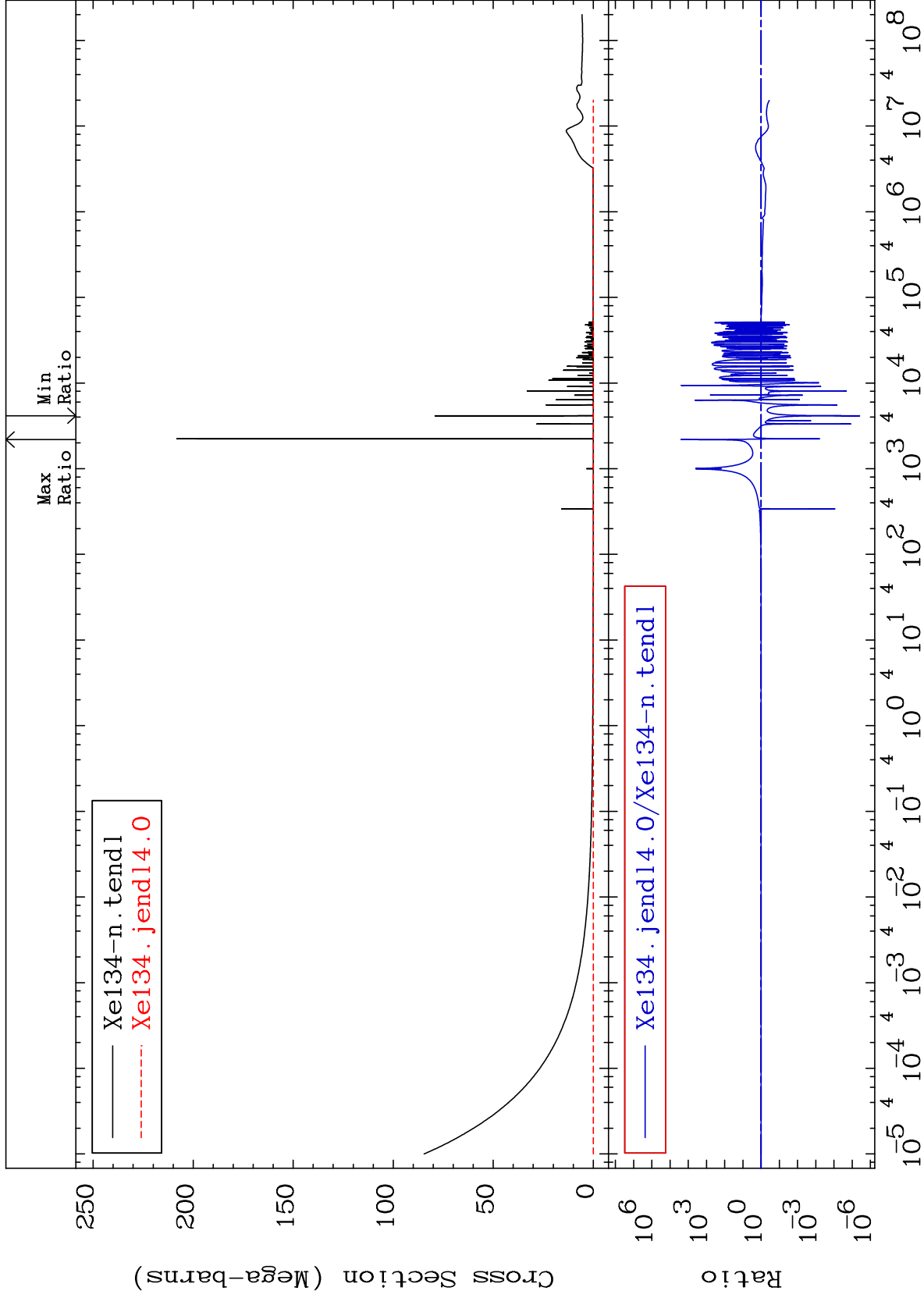
54-Xe-134
-100.0 To 9999. %

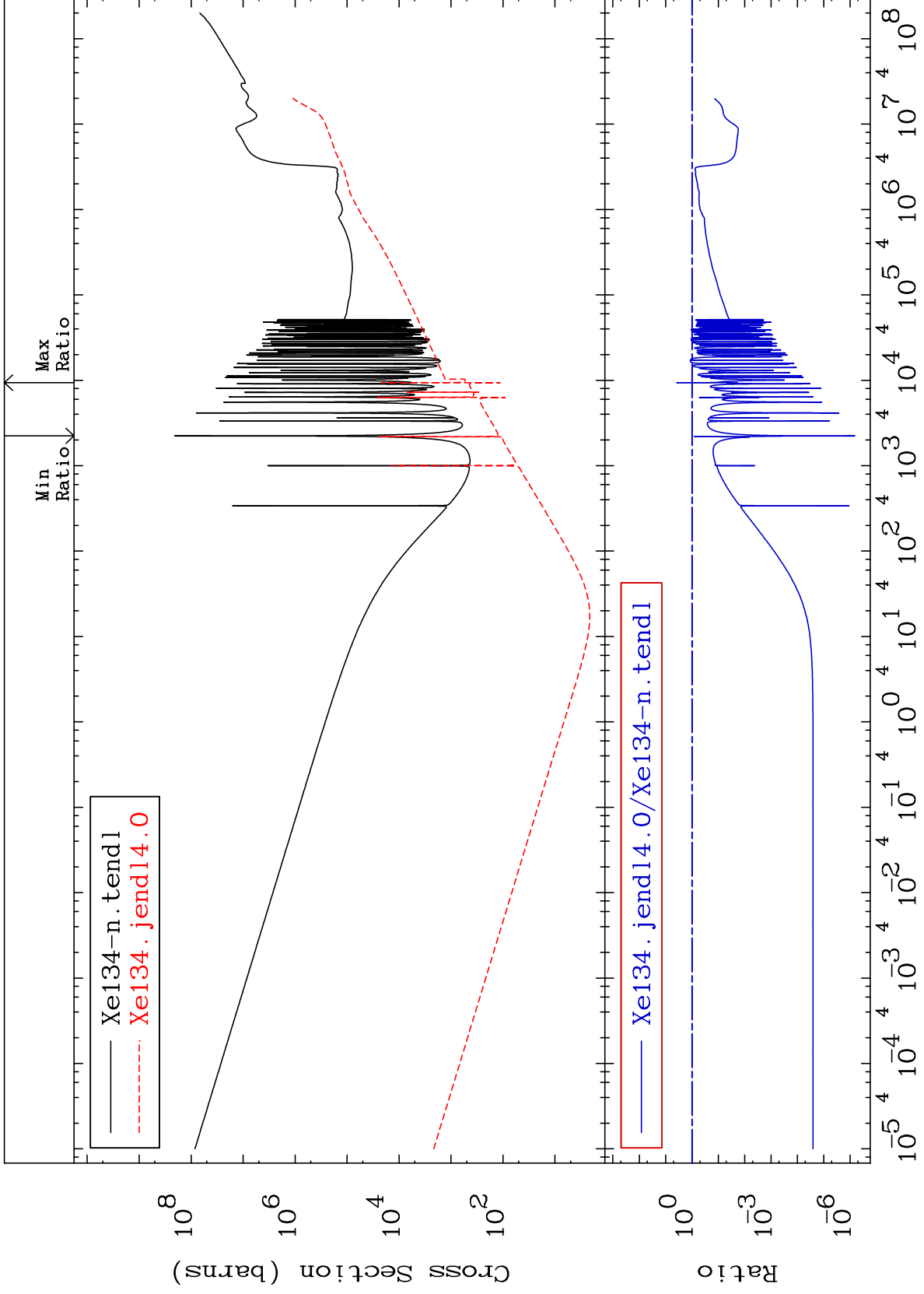


36

Incident Energy (eV)

54-Xe-134





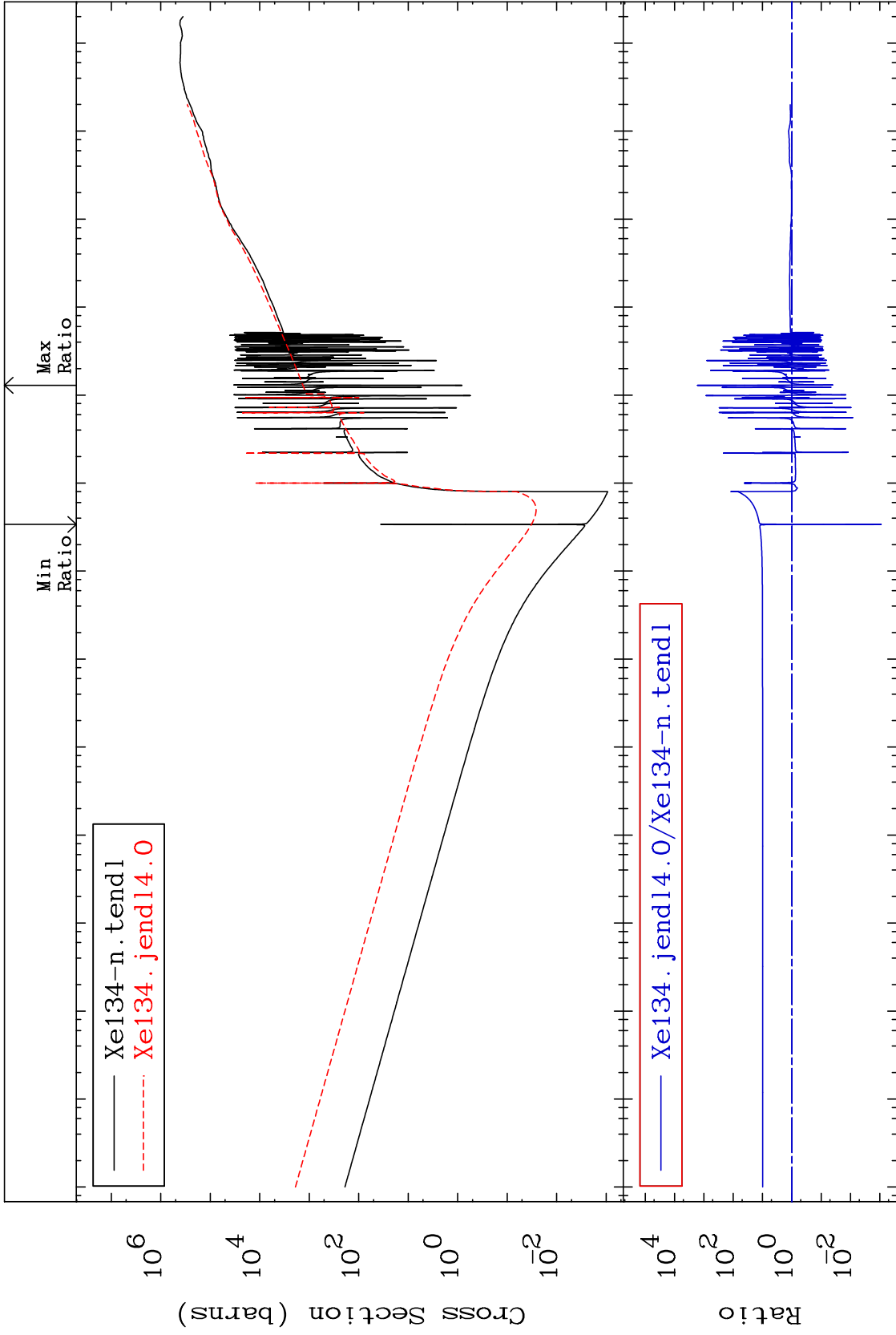
MAT 5455

Dpa total (eV-barns)

54-Xe-134

Cross Section

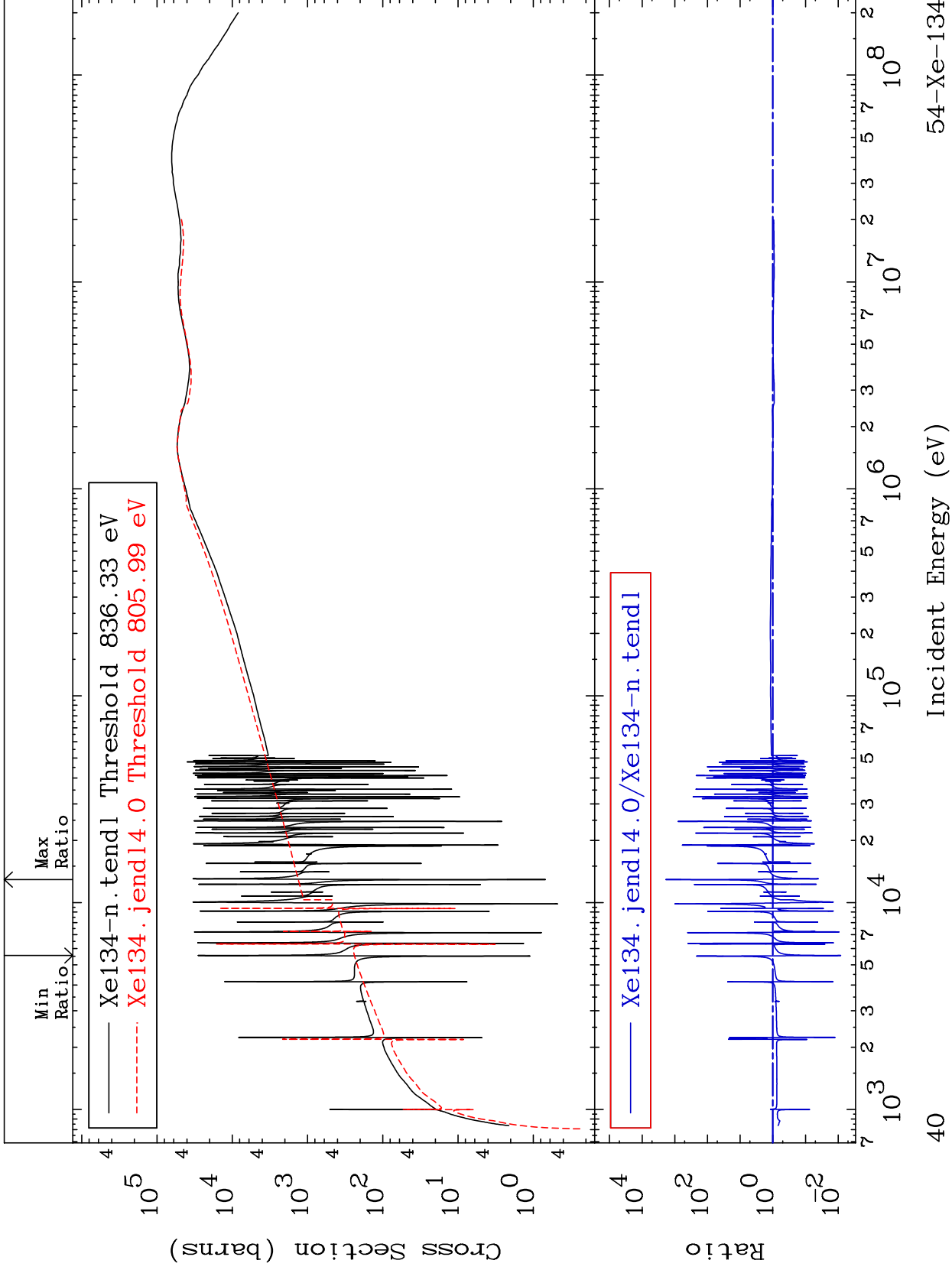
-99.91 To 9999. %



MAT 5455

Dpa elastic (mt2)
Cross Section

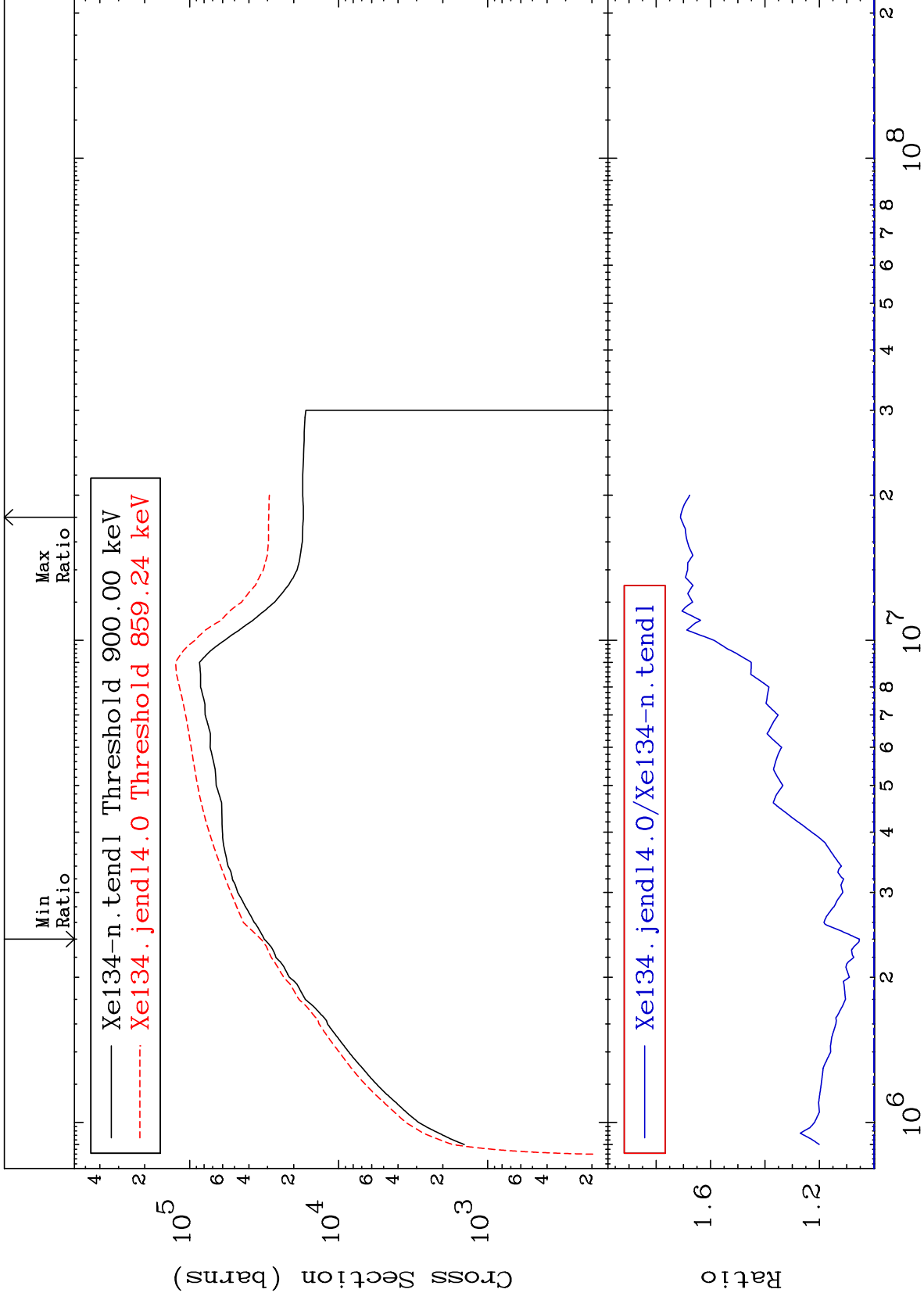
54-Xe-134
-99.16 To 9999. %



MAT 5455

Dpa inelastic (mt51-91)
Cross Section

54-Xe-134
5.297 To 71.11 %



41

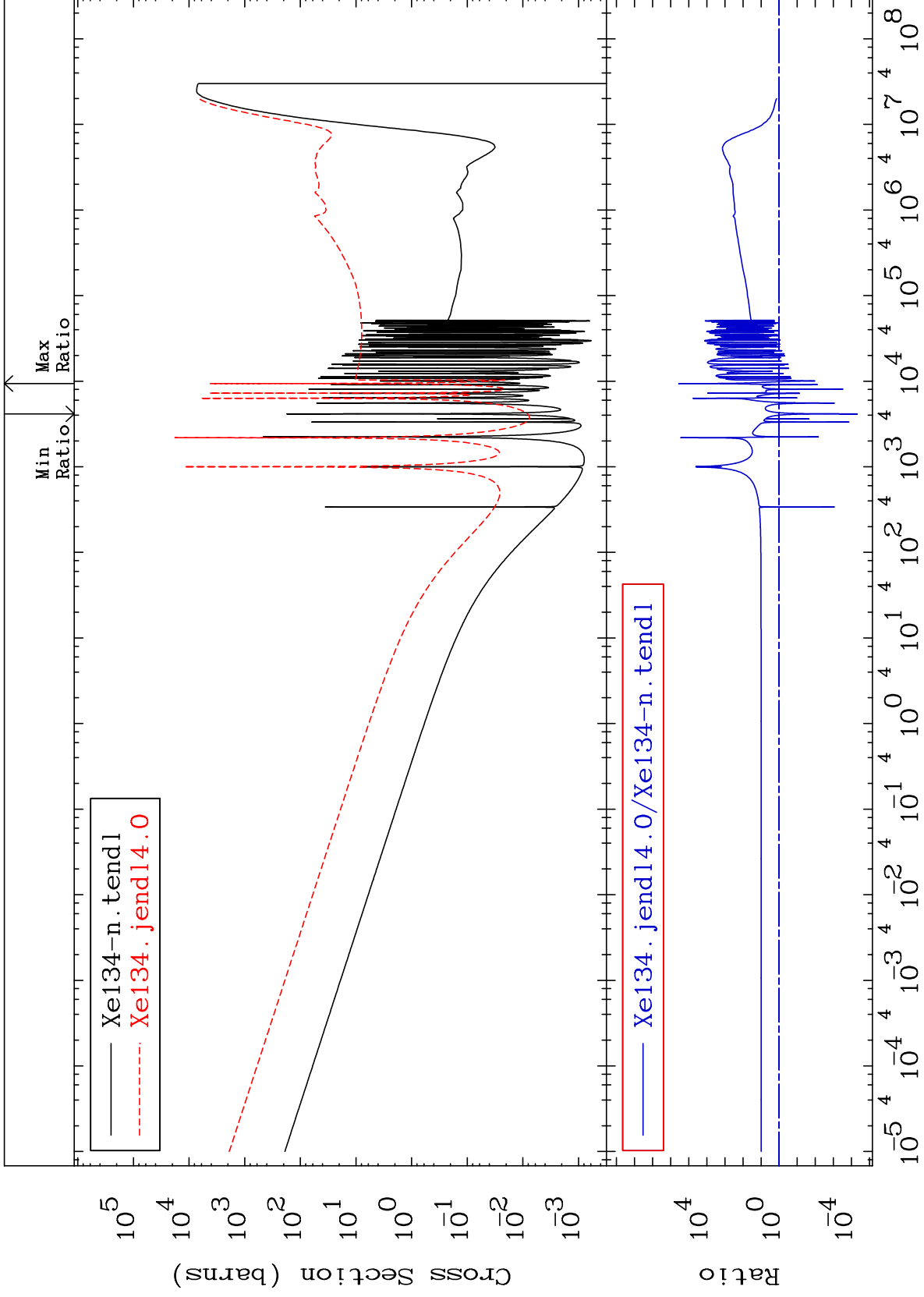
Incident Energy (eV)

54-Xe-134

MAT 5455

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-134
-100.0 To 9999. %



42

Incident Energy (eV)

54-Xe-134