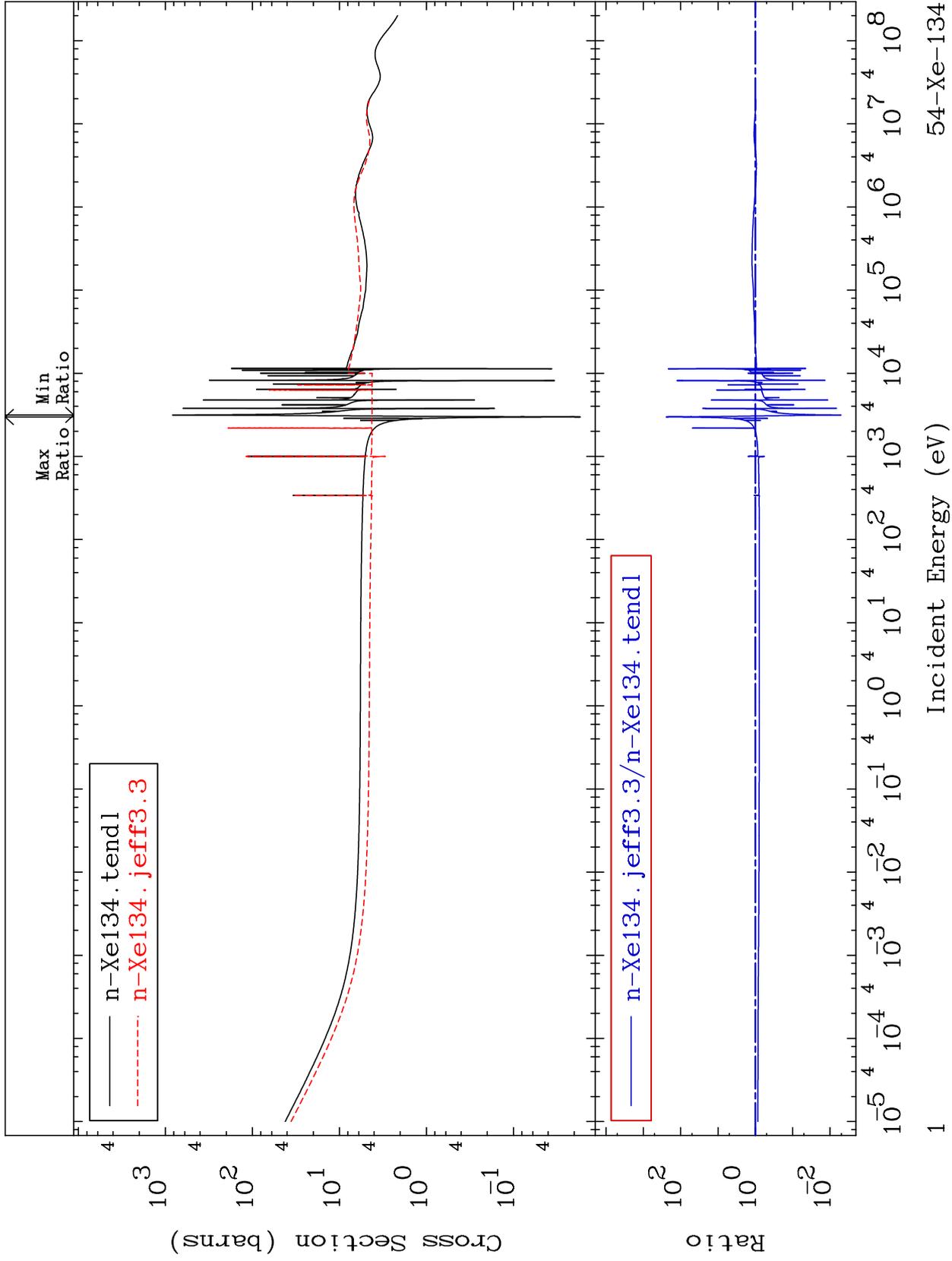


MAT 5455

Total Cross Section
54-Xe-134
-99.49 To 9999. %



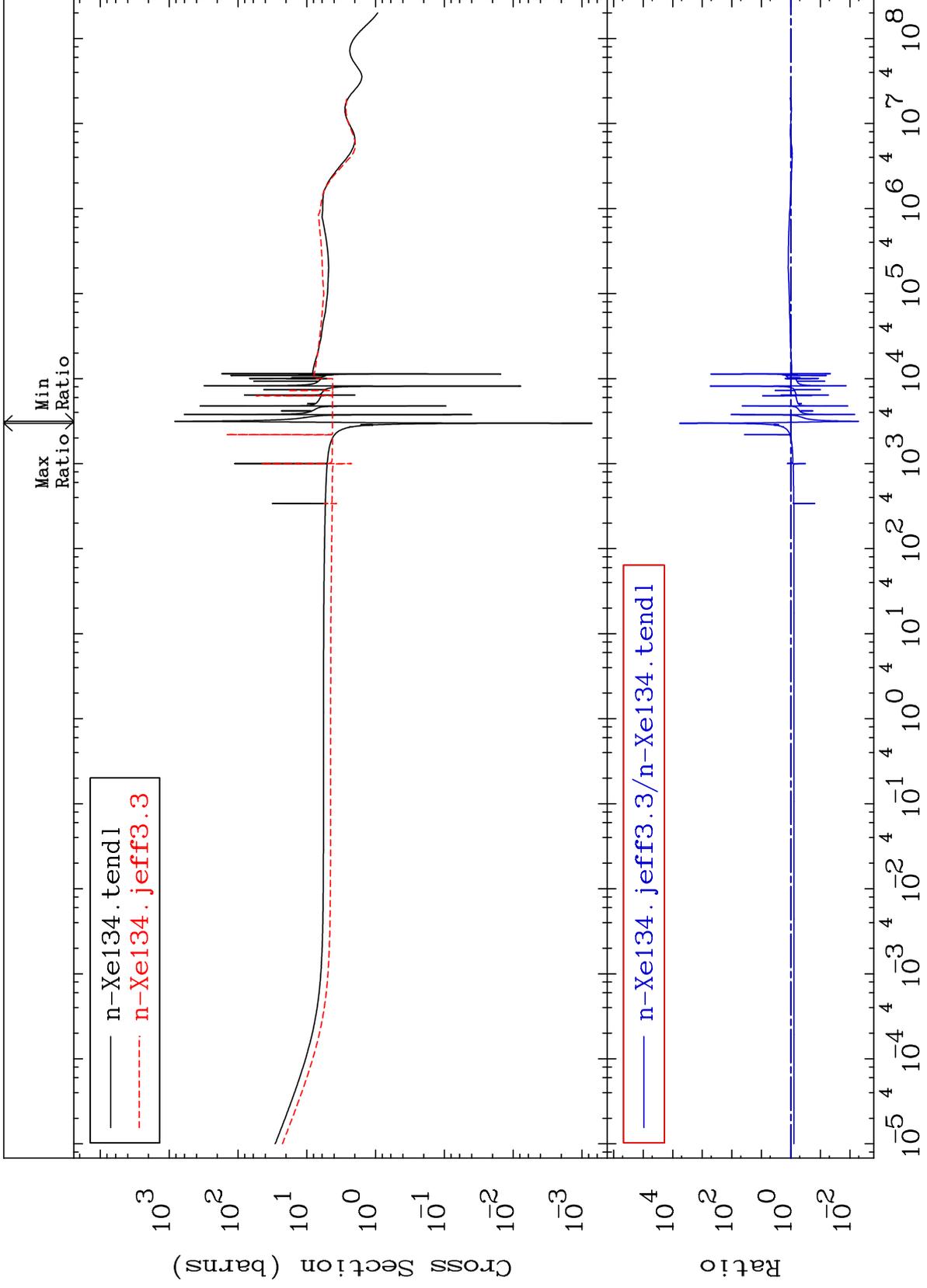
54-Xe-134

Incident Energy (eV)

MAT 5455

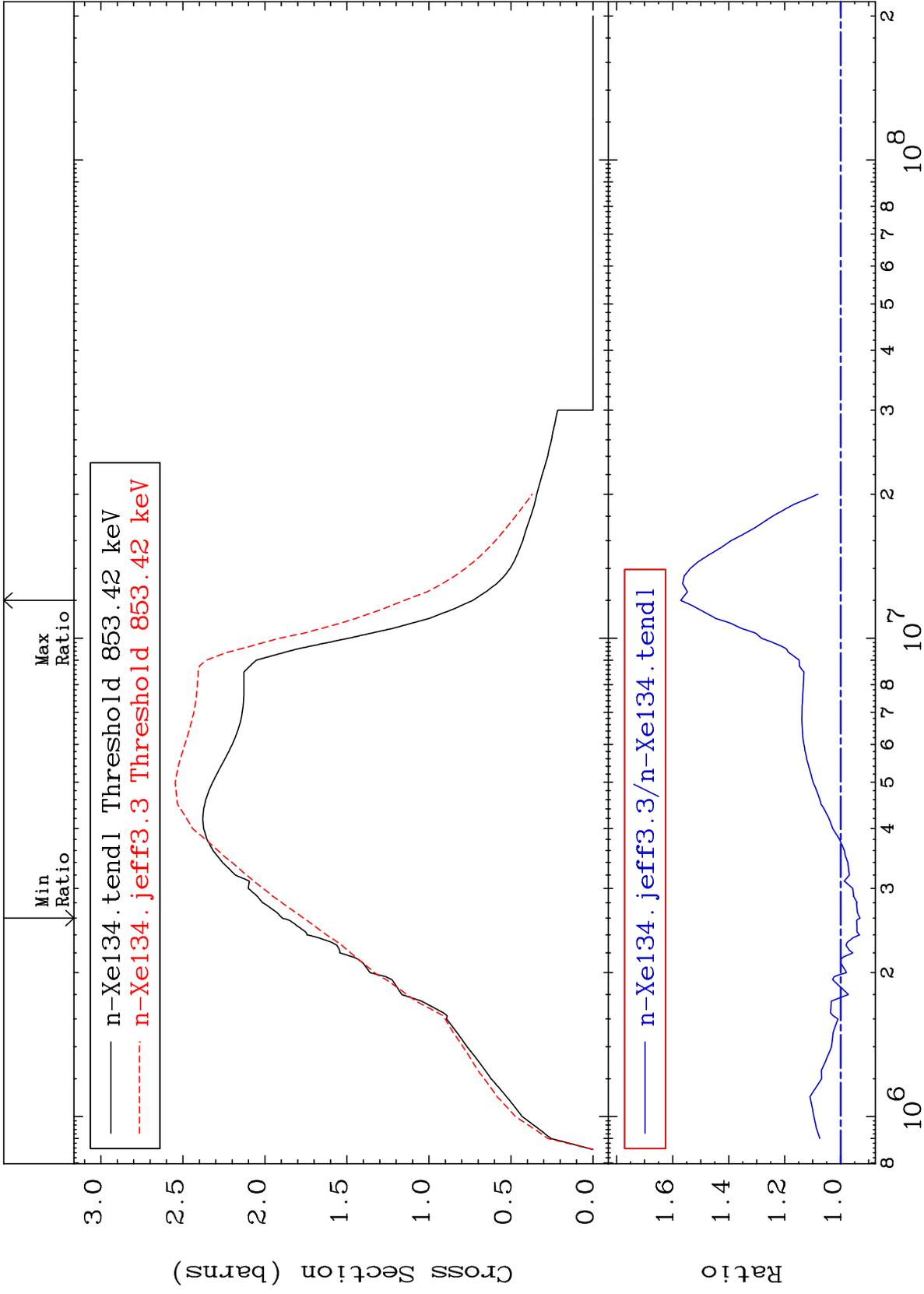
Elastic
Cross Section

54-Xe-134
-99.49 To 9999. %



MAT 5455

Inelastic Cross Section
54-Xe-134
-6.933 To 57.11 %



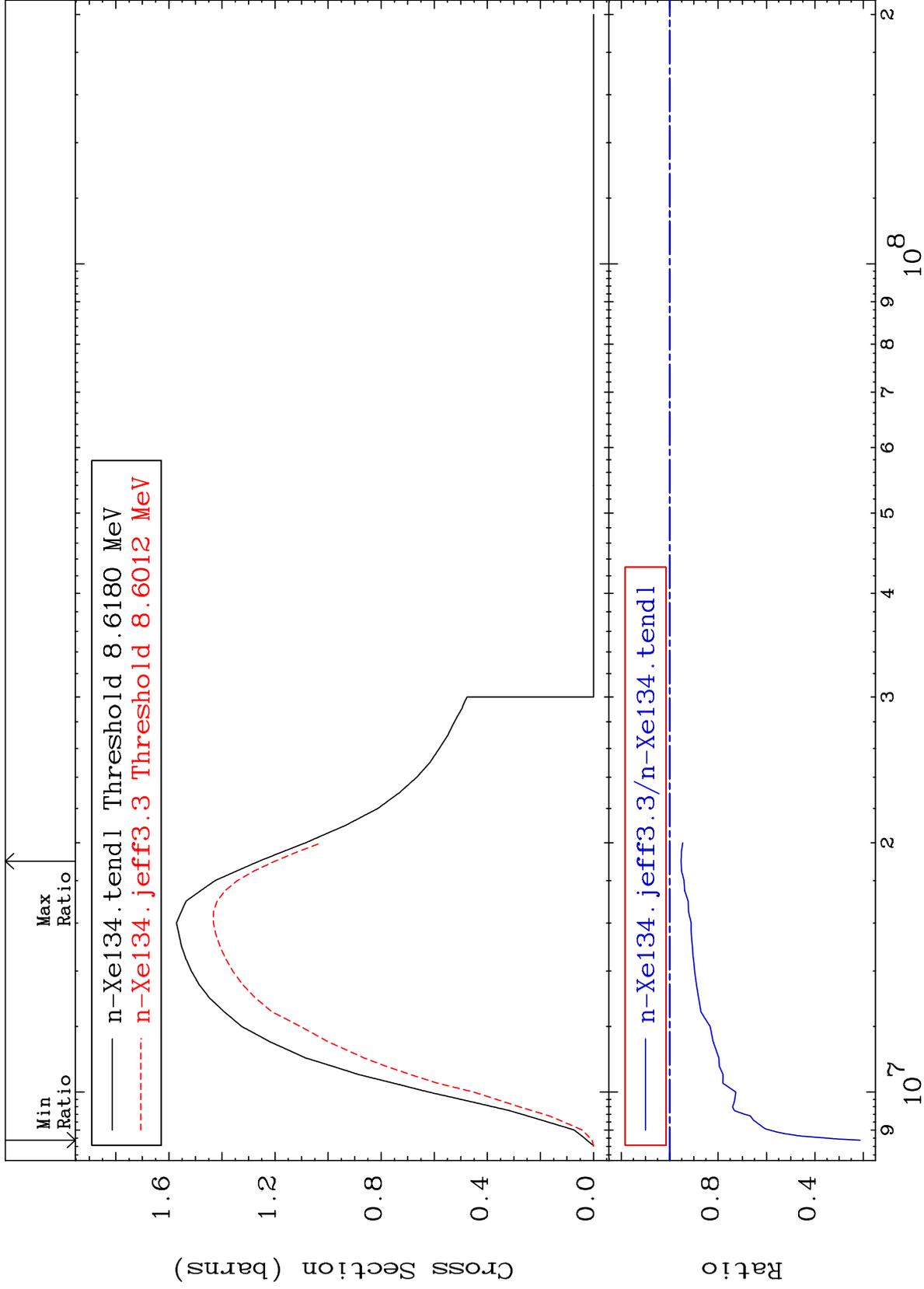
MAT 5455

(n,2n)

54-Xe-134

Cross Section

-78.70 To -4.741%



4

Incident Energy (eV)

54-Xe-134

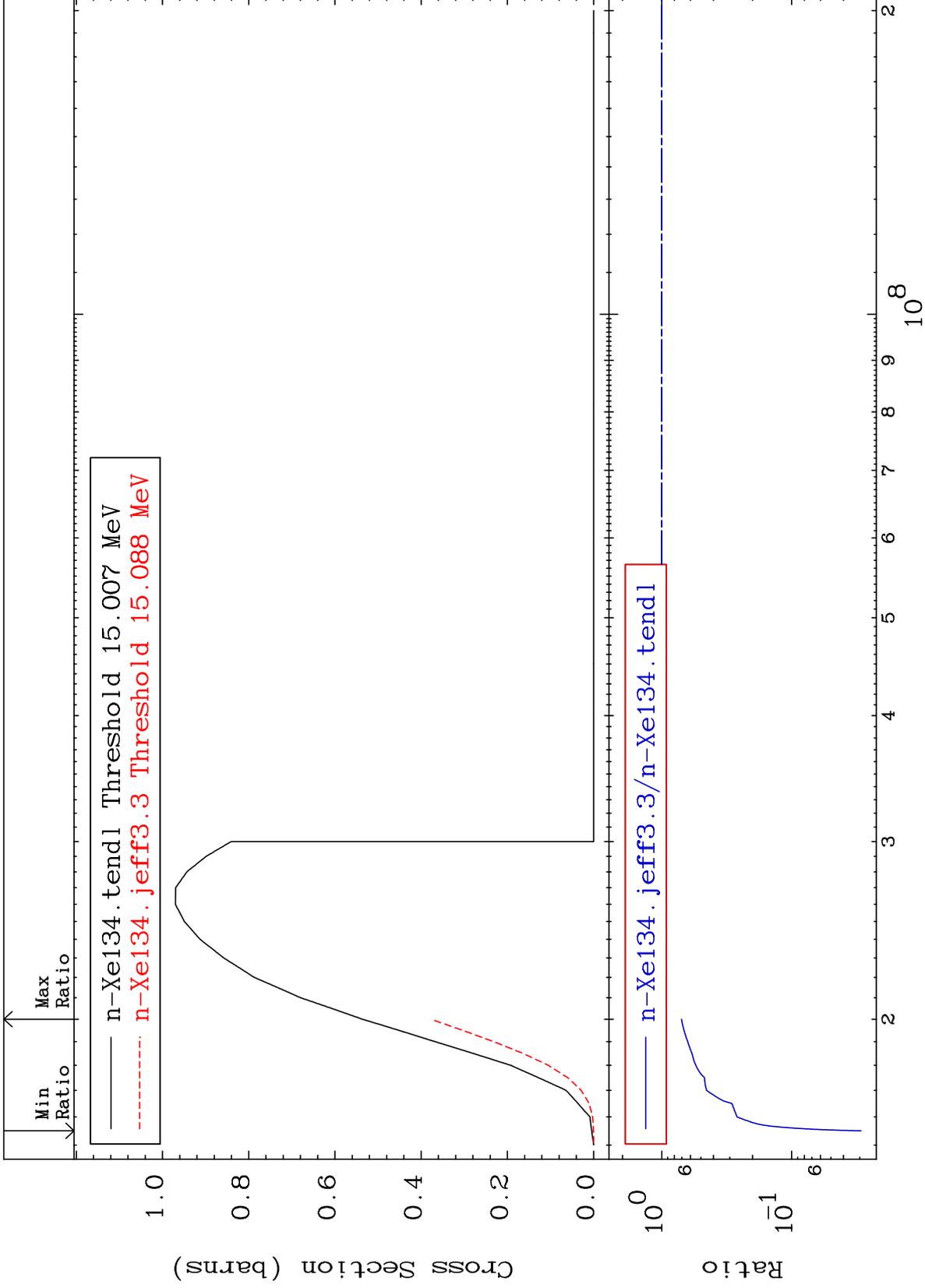
MAT 5455

(n,3n)

54-Xe-134

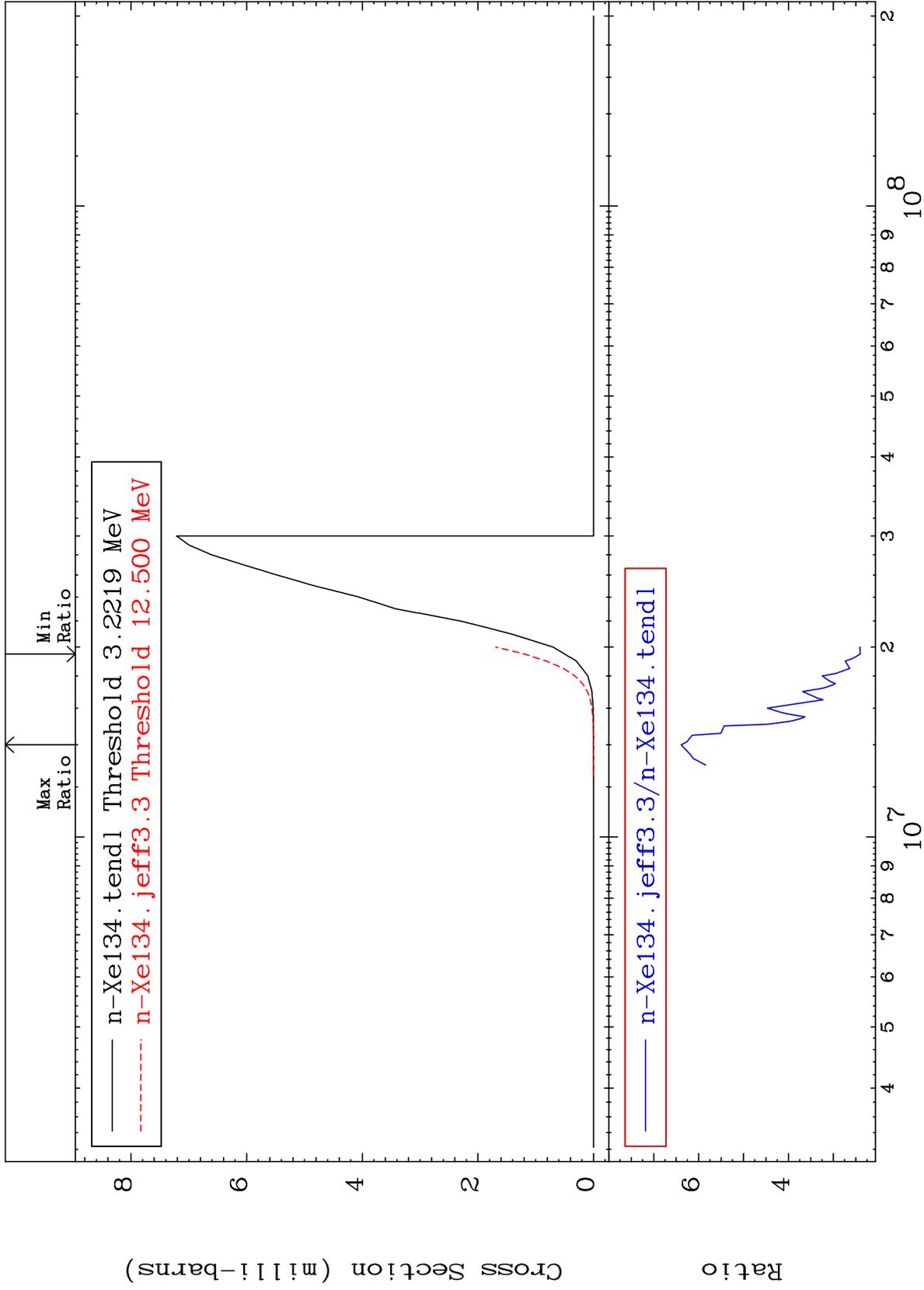
Cross Section

-97.07 To -29.58%



MAT 5455

(n, n') α
Cross Section
54-Xe-134
140.1 To 538.9 %



6

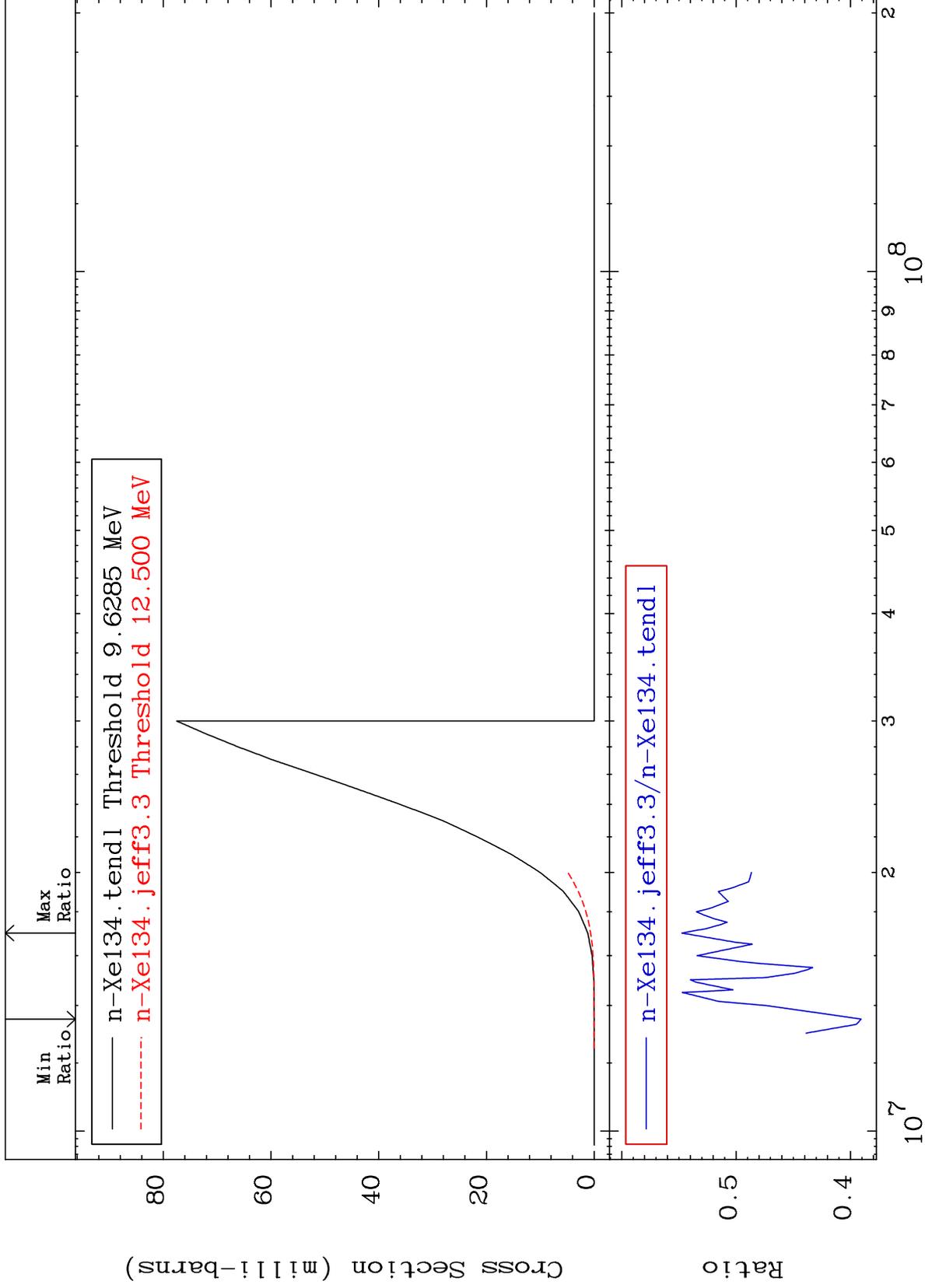
Incident Energy (eV)

54-Xe-134

MAT 5455

(n,n') p
Cross Section

54-Xe-134
-60.93 To -45.26%



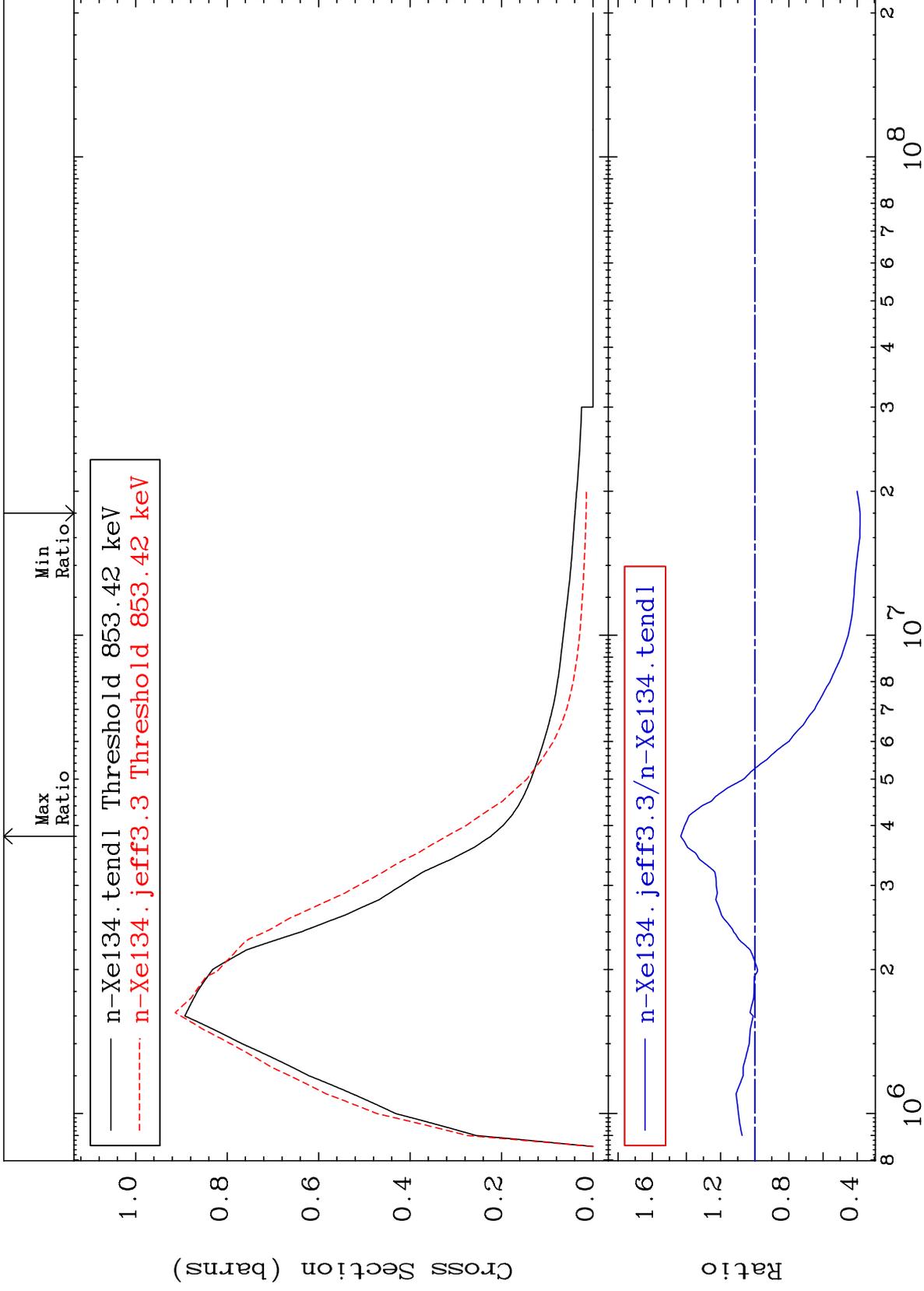
54-Xe-134

54-Xe-134

MAT 5455

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

54-Xe-134
-61.67 To 43.33 %



8

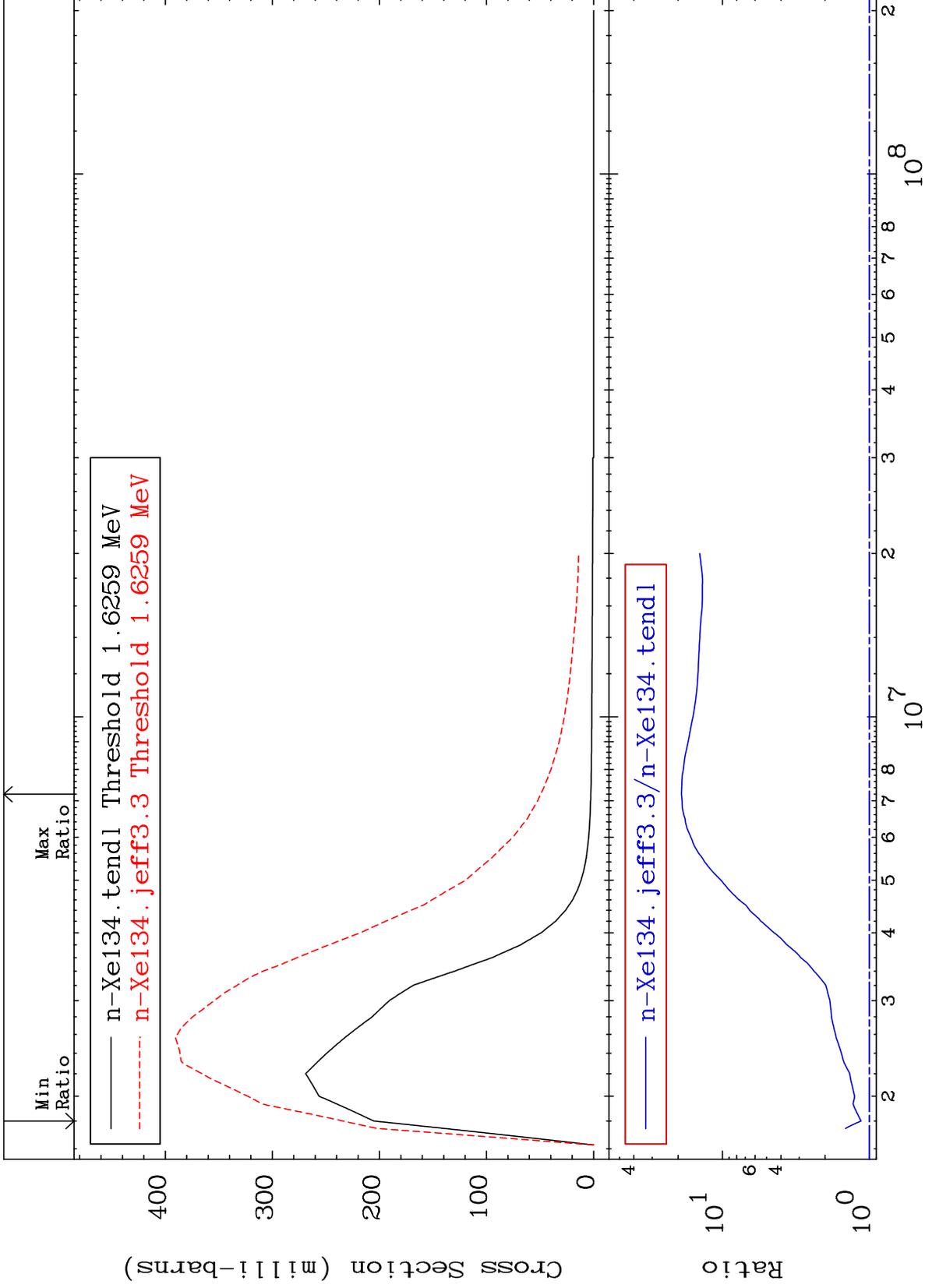
Incident Energy (eV)

54-Xe-134

MAT 5455

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

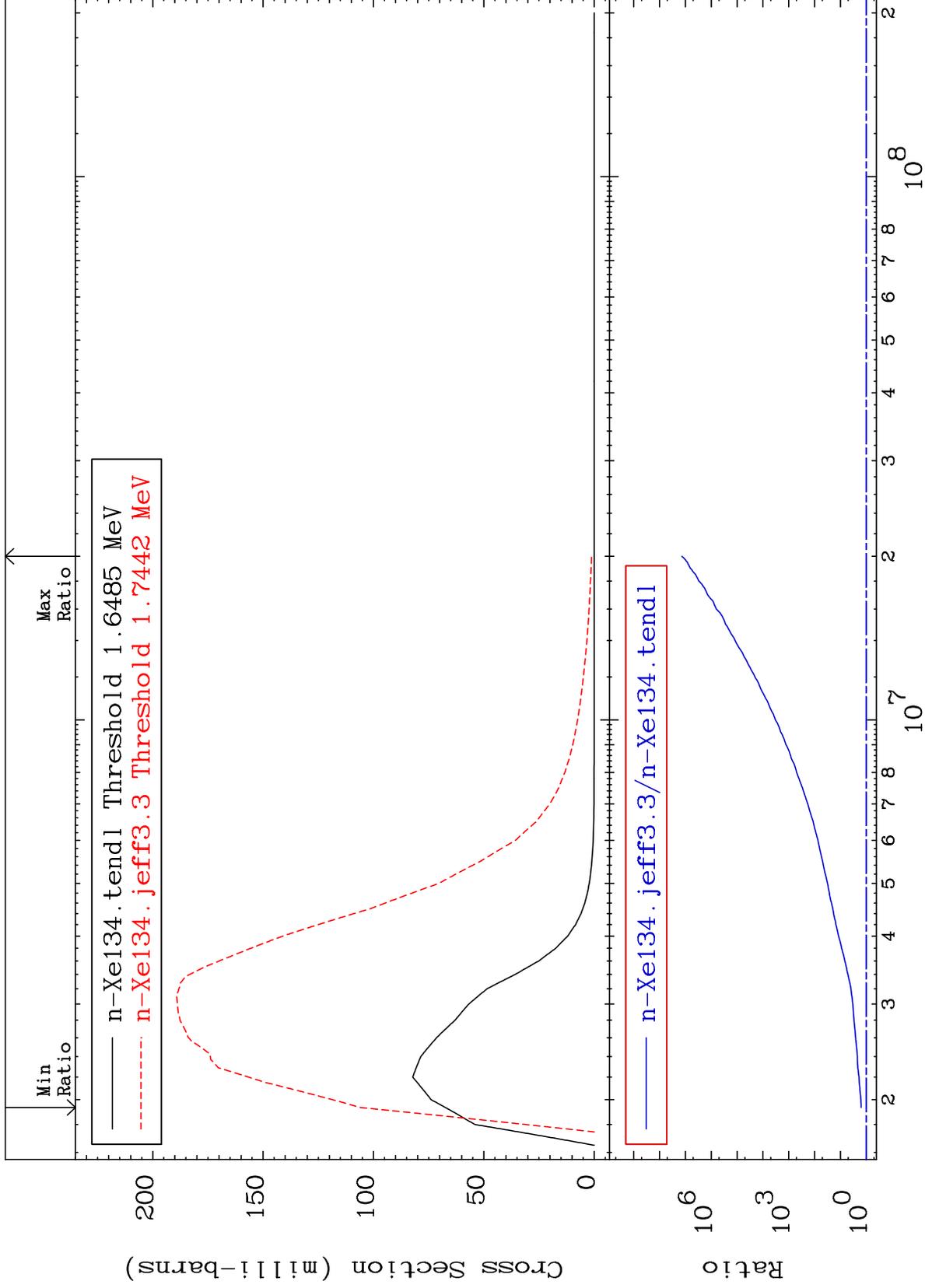
54-Xe-134
14.01 To 1795. %



MAT 5455

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

54-Xe-134
57.37 To 9999. %



10

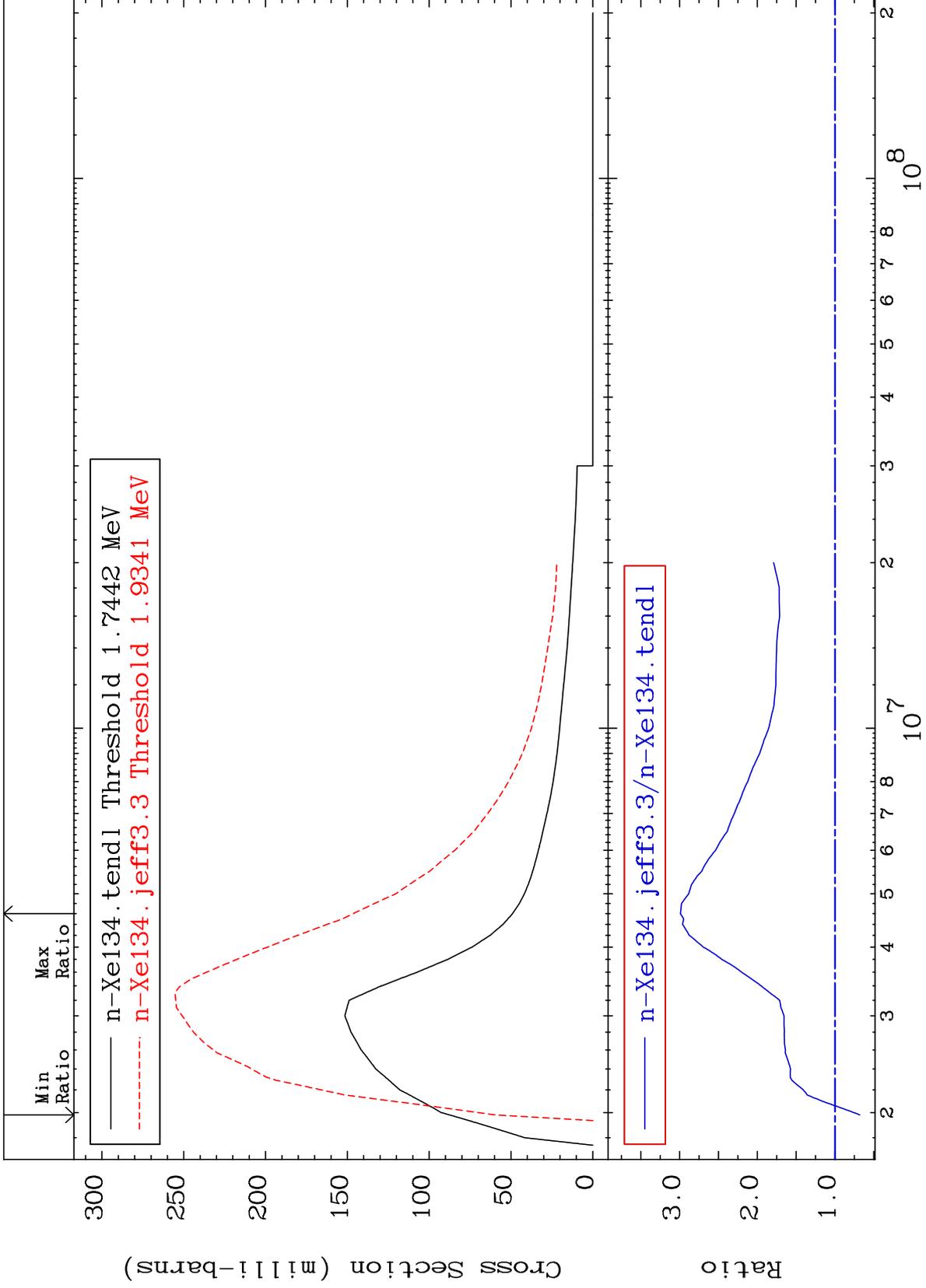
Incident Energy (eV)

54-Xe-134

MAT 5455

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

54-Xe-134
-32.04 To 198.8 %



11

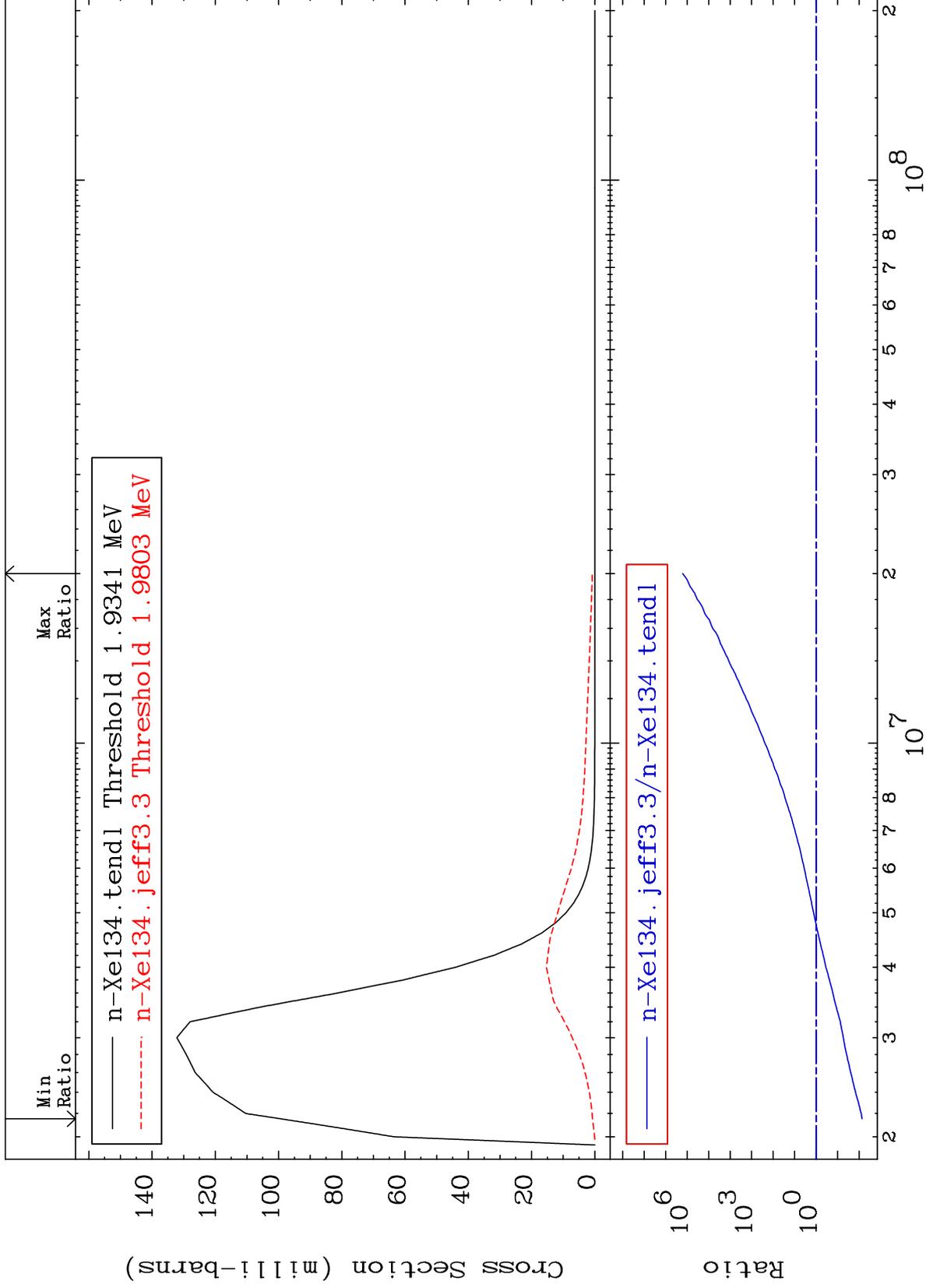
Incident Energy (eV)

54-Xe-134

MAT 5455

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

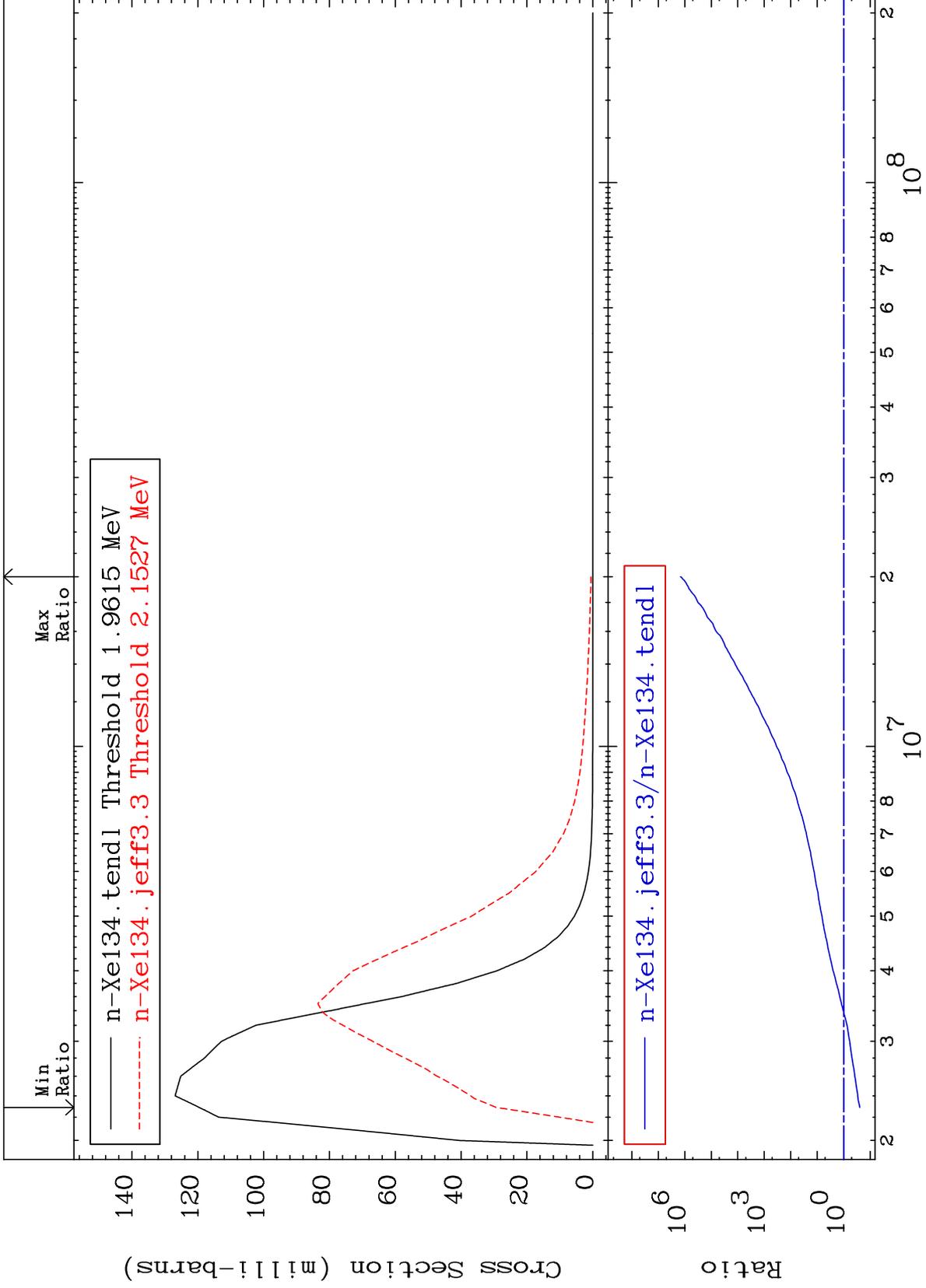
54-Xe-134
-99.28 To 9999. %



MAT 5455

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

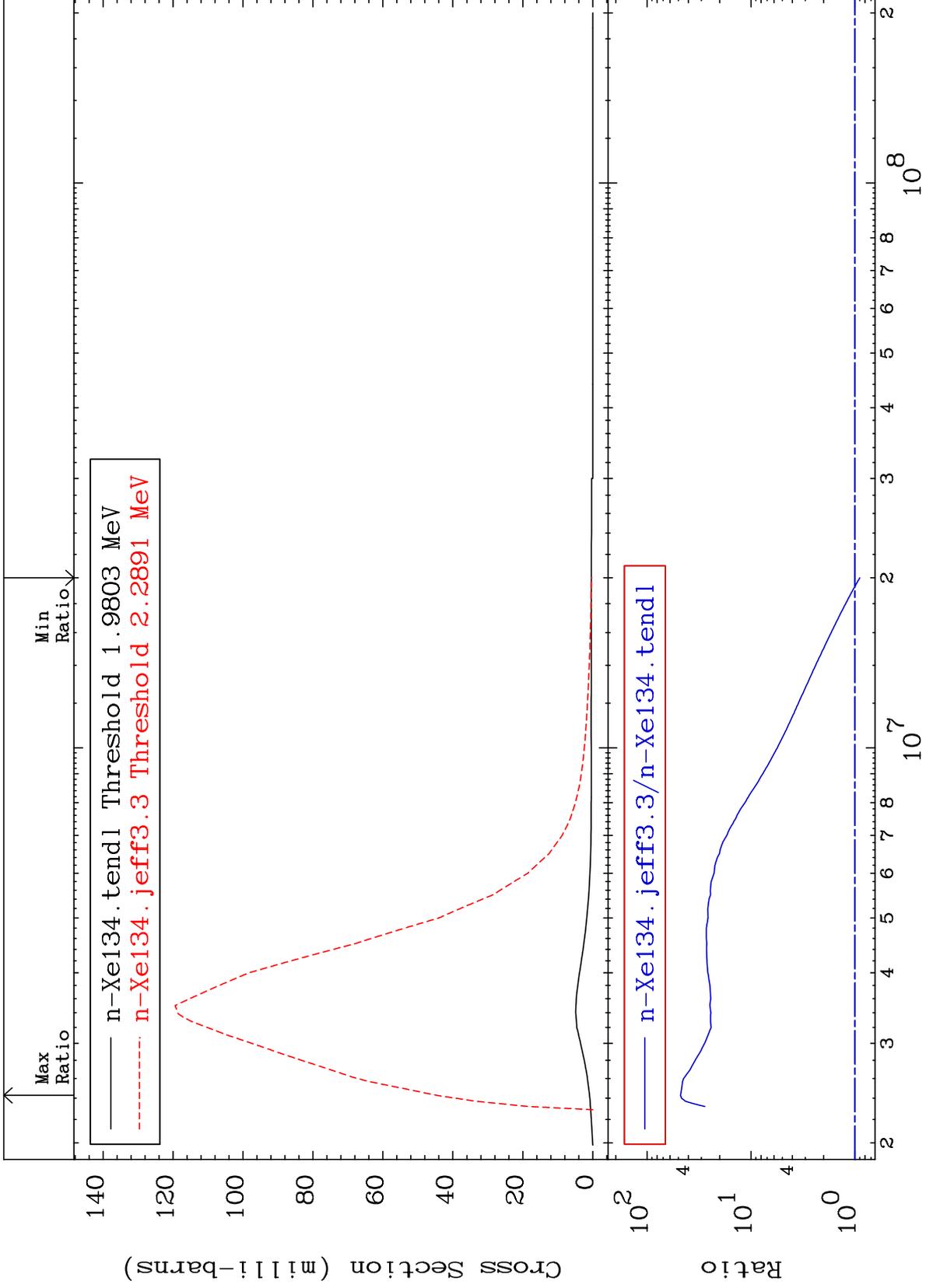
54-Xe-134
-75.41 To 9999. %



MAT 5455

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

54-Xe-134
-10.17 To 4664. %



14

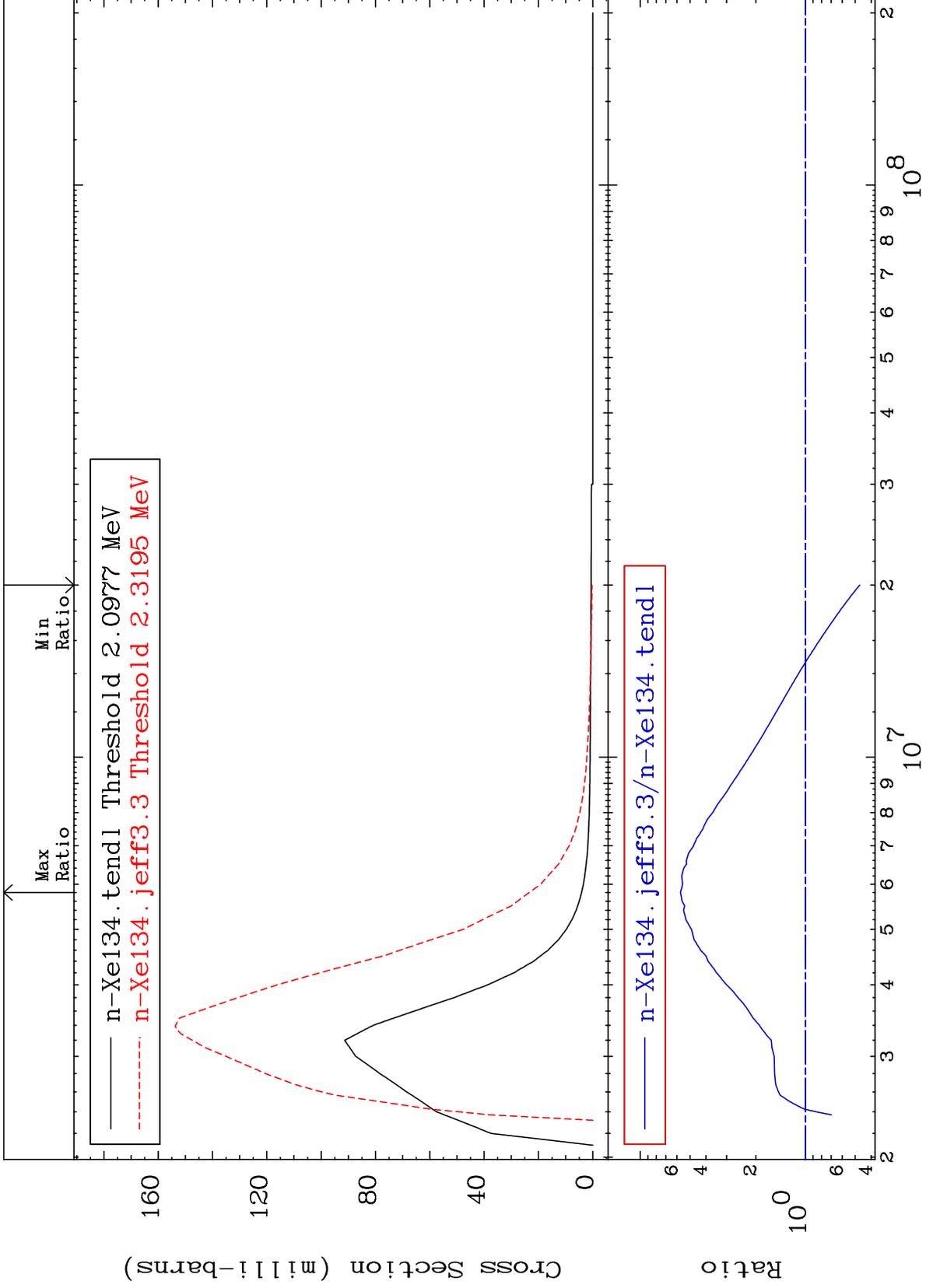
Incident Energy (eV)

54-Xe-134

MAT 5455

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

54-Xe-134
-53.07 To 470.8 %



15

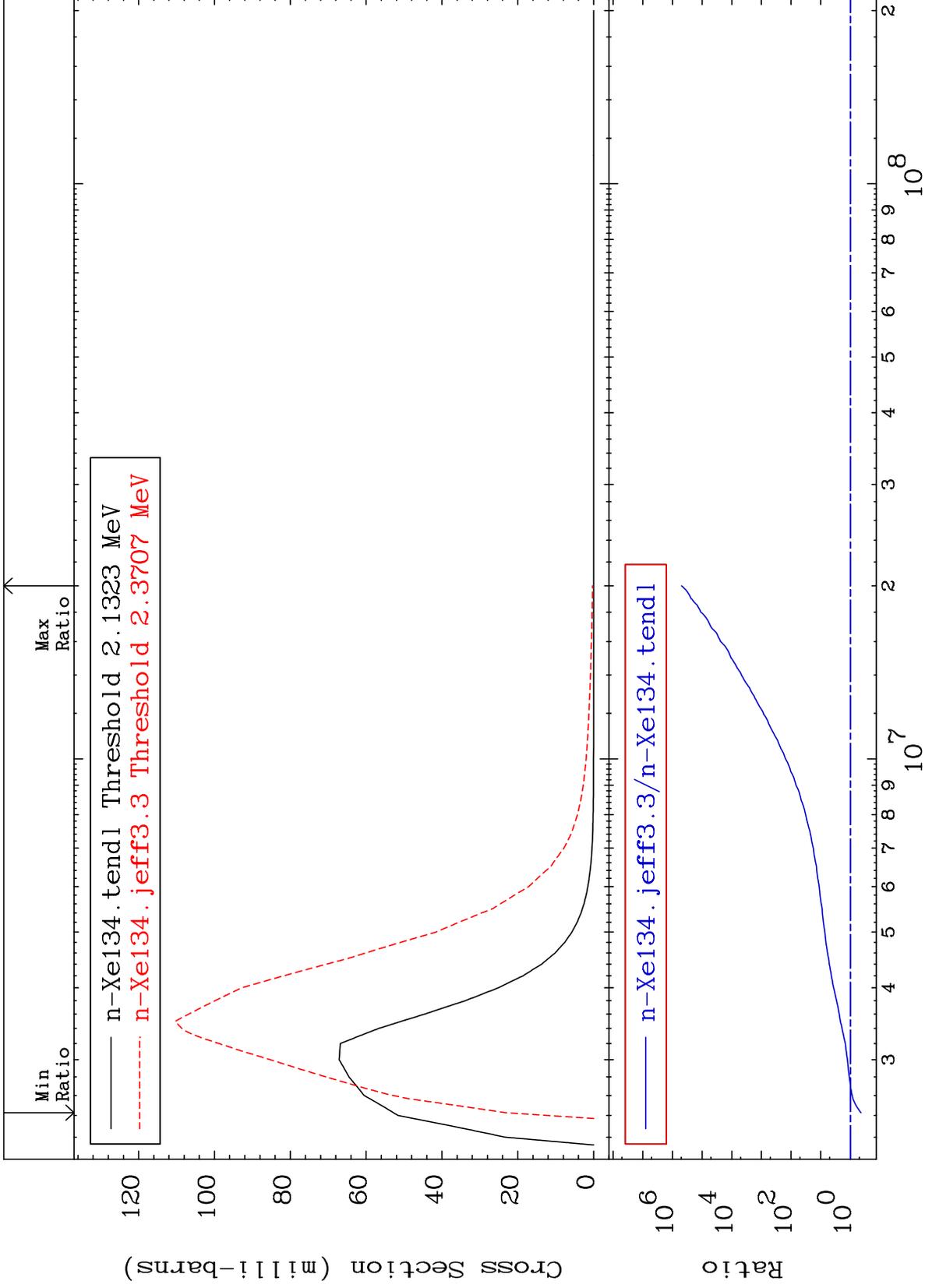
Incident Energy (eV)

54-Xe-134

MAT 5455

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

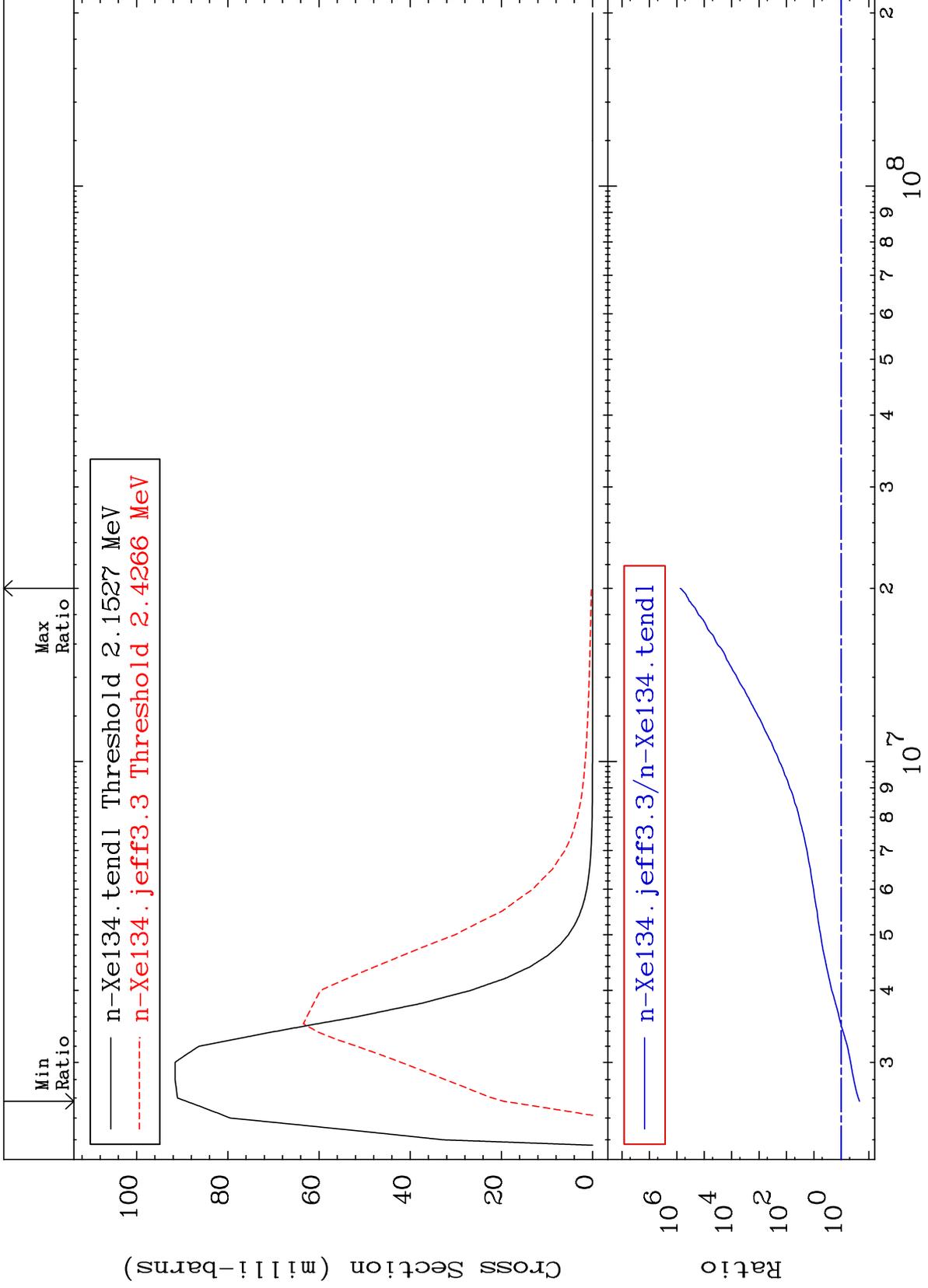
54-Xe-134
-56.00 To 9999. %



MAT 5455

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

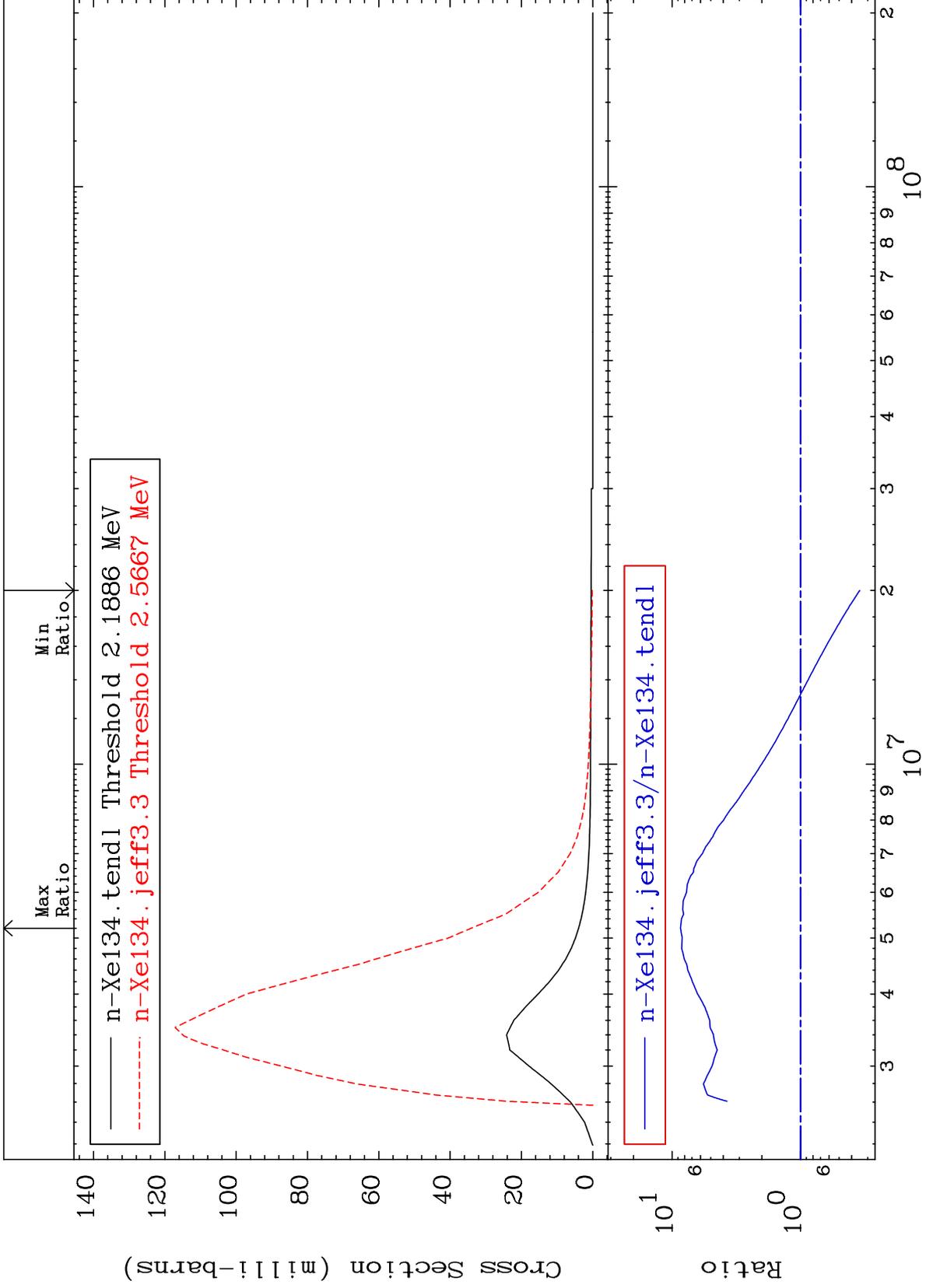
54-Xe-134
-78.15 To 9999. %



MAT 5455

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

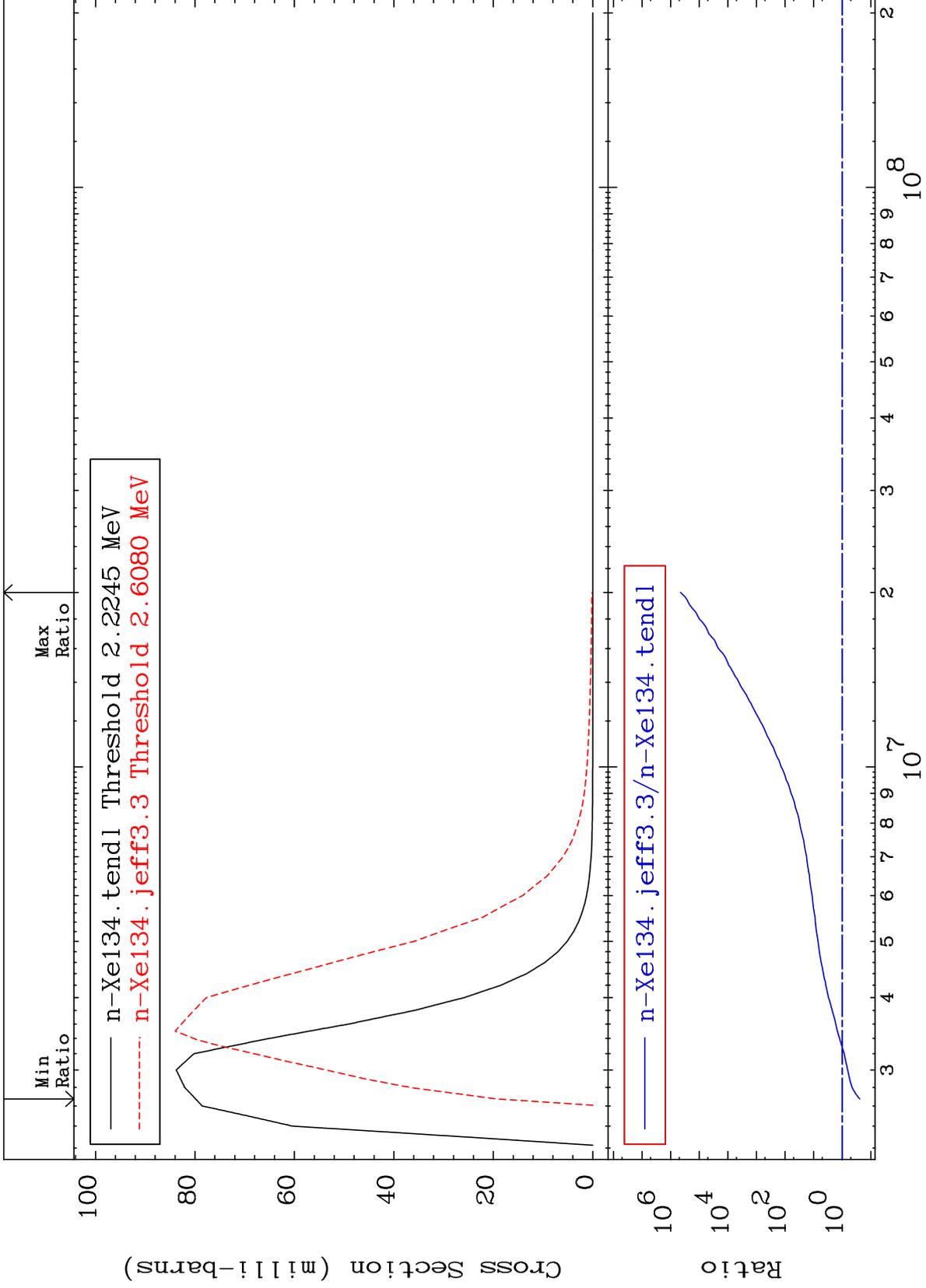
54-Xe-134
-65.42 To 759.9 %



MAT 5455

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

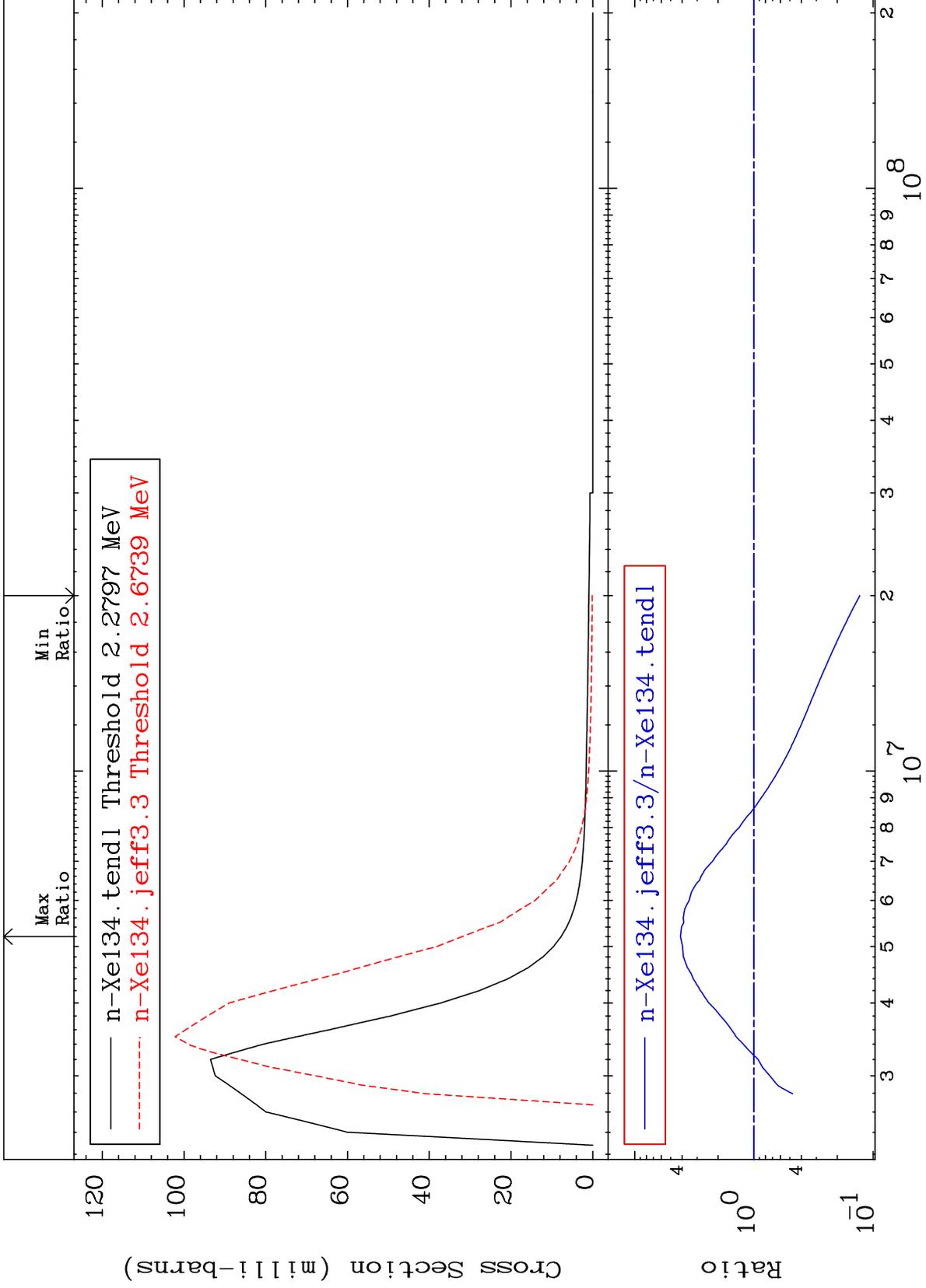
54-Xe-134
-75.73 To 9999. %



MAT 5455

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

54-Xe-134
-87.06 To 313.5 %



20

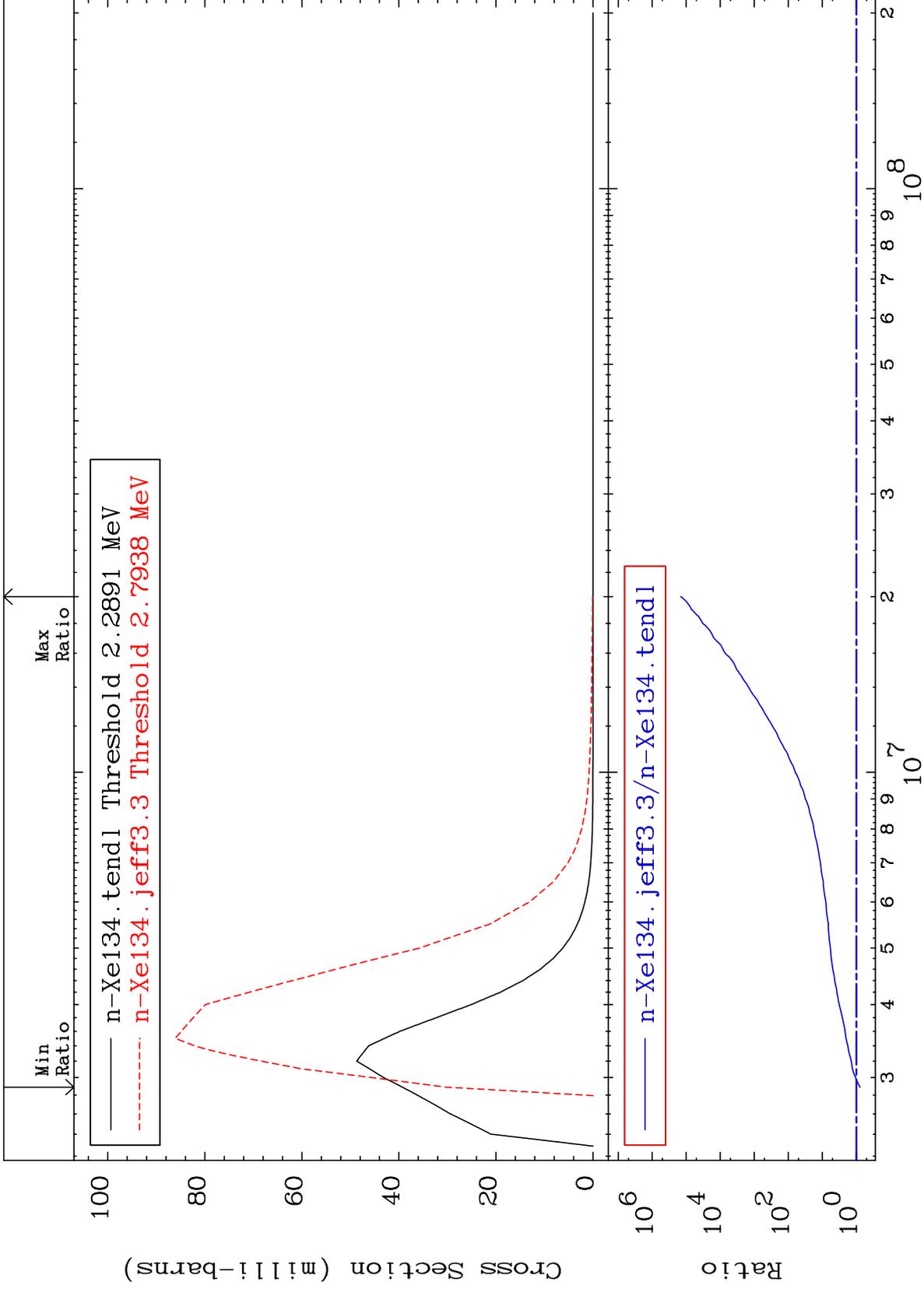
Incident Energy (eV)

54-Xe-134

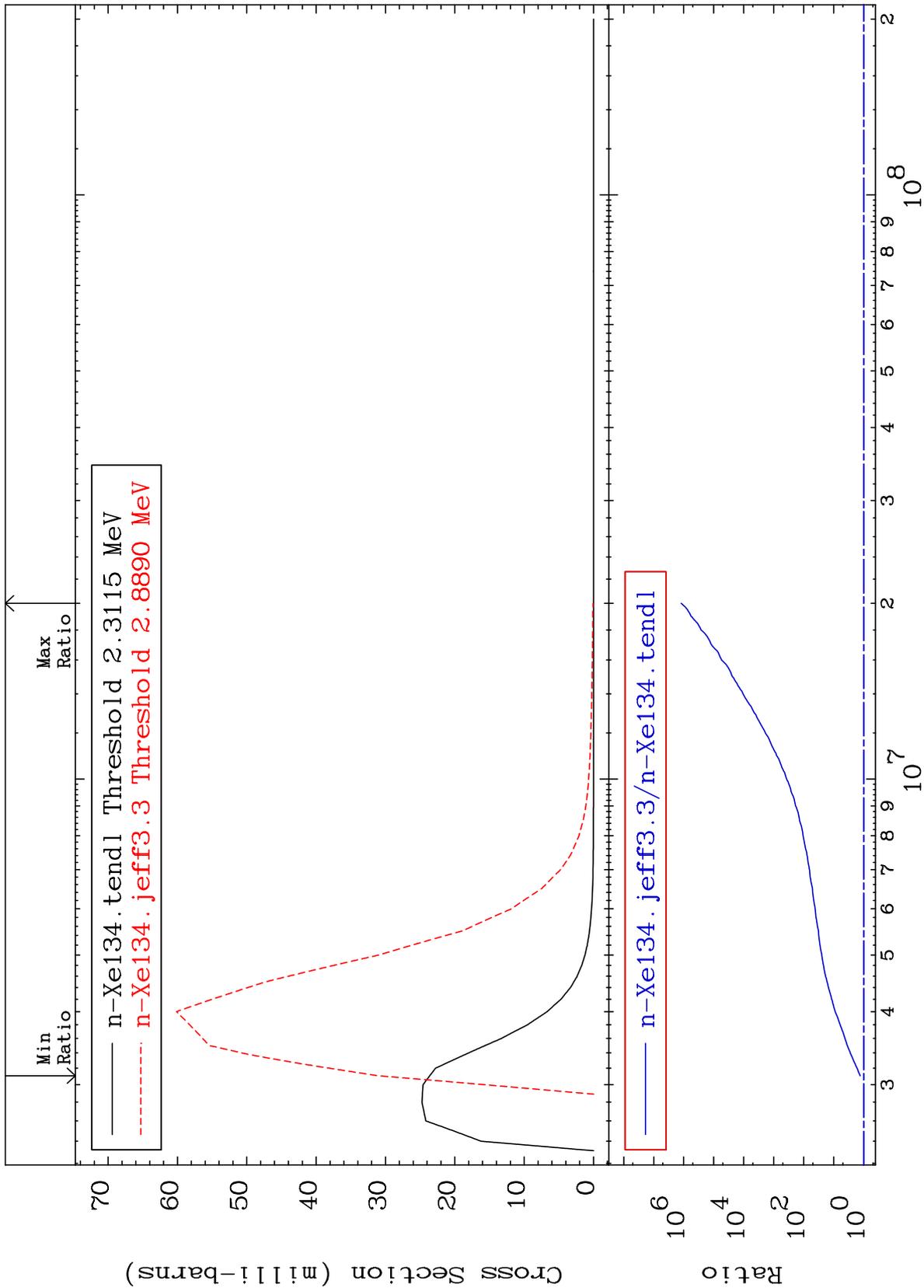
MAT 5455

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

54-Xe-134
-22.82 To 9999. %



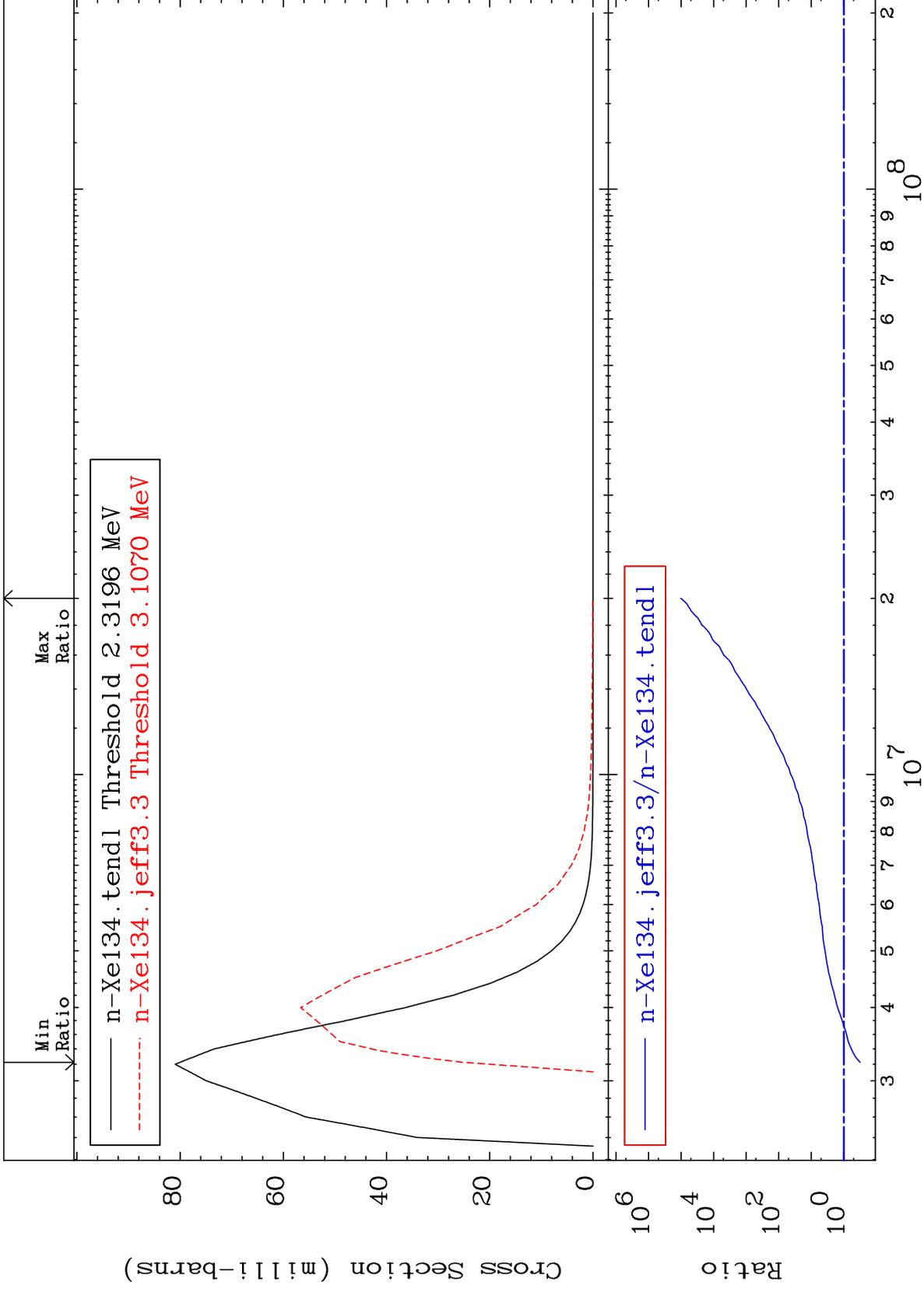
MAT 5455 MT= 65 (n,n') Level Cross Section 54-Xe-134 To 9999. %



MAT 5455

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

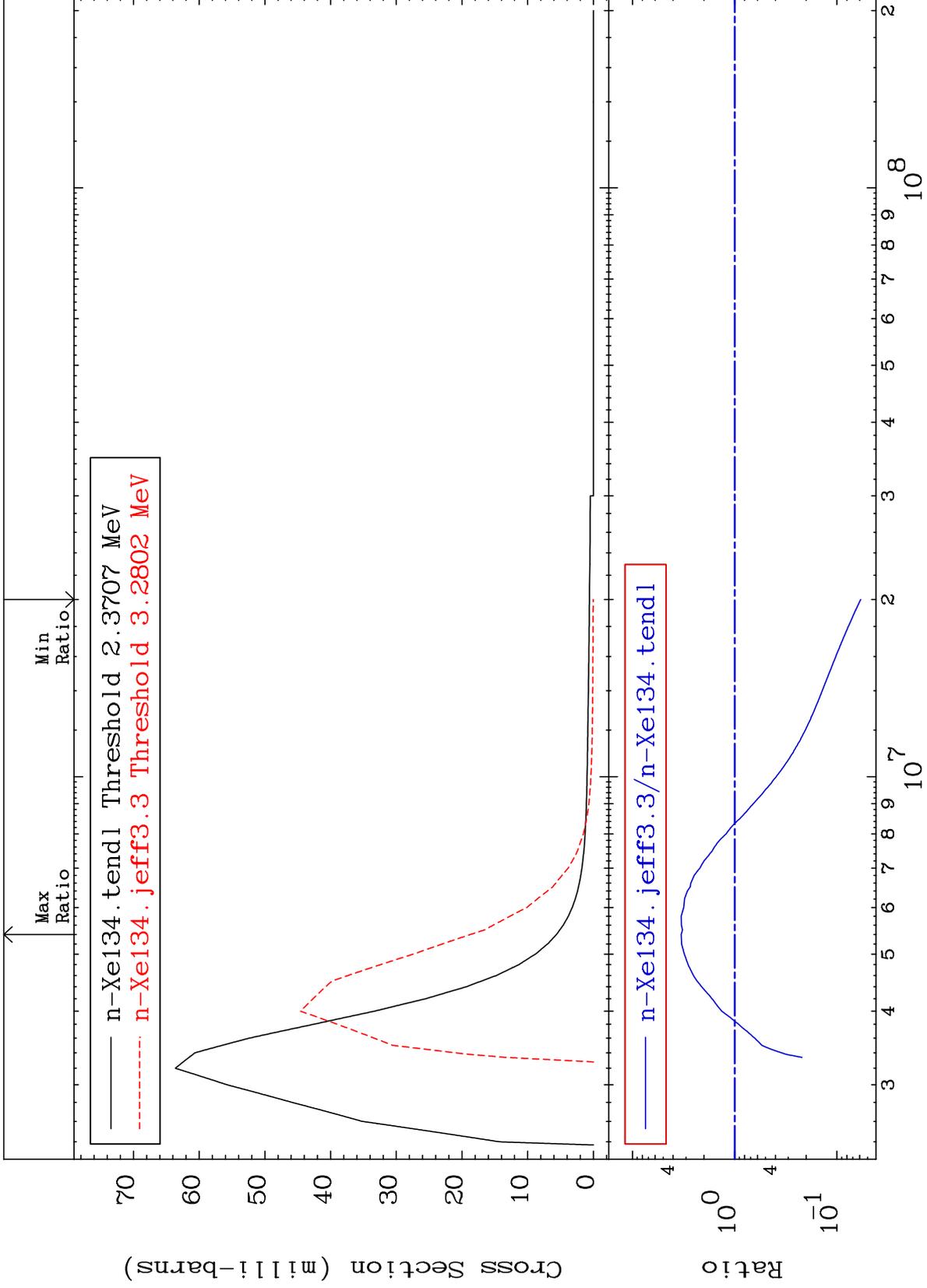
54-Xe-134
-68.36 To 9999. %



MAT 5455

MT= 67 (n,n') Level
Cross Section

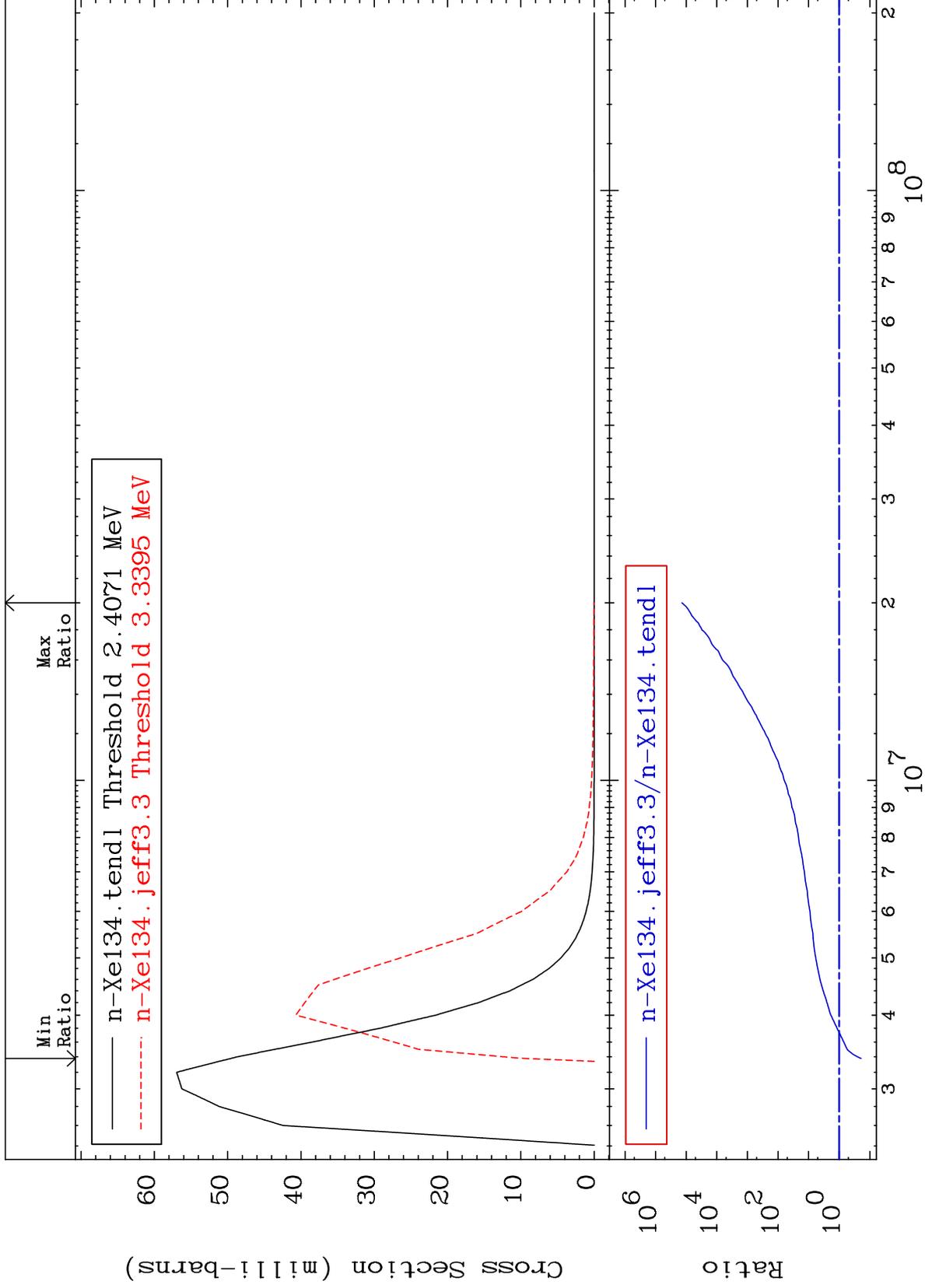
54-Xe-134
-94.15 To 233.3 %



MAT 5455

MT= 68 (n,n') Level
Cross Section

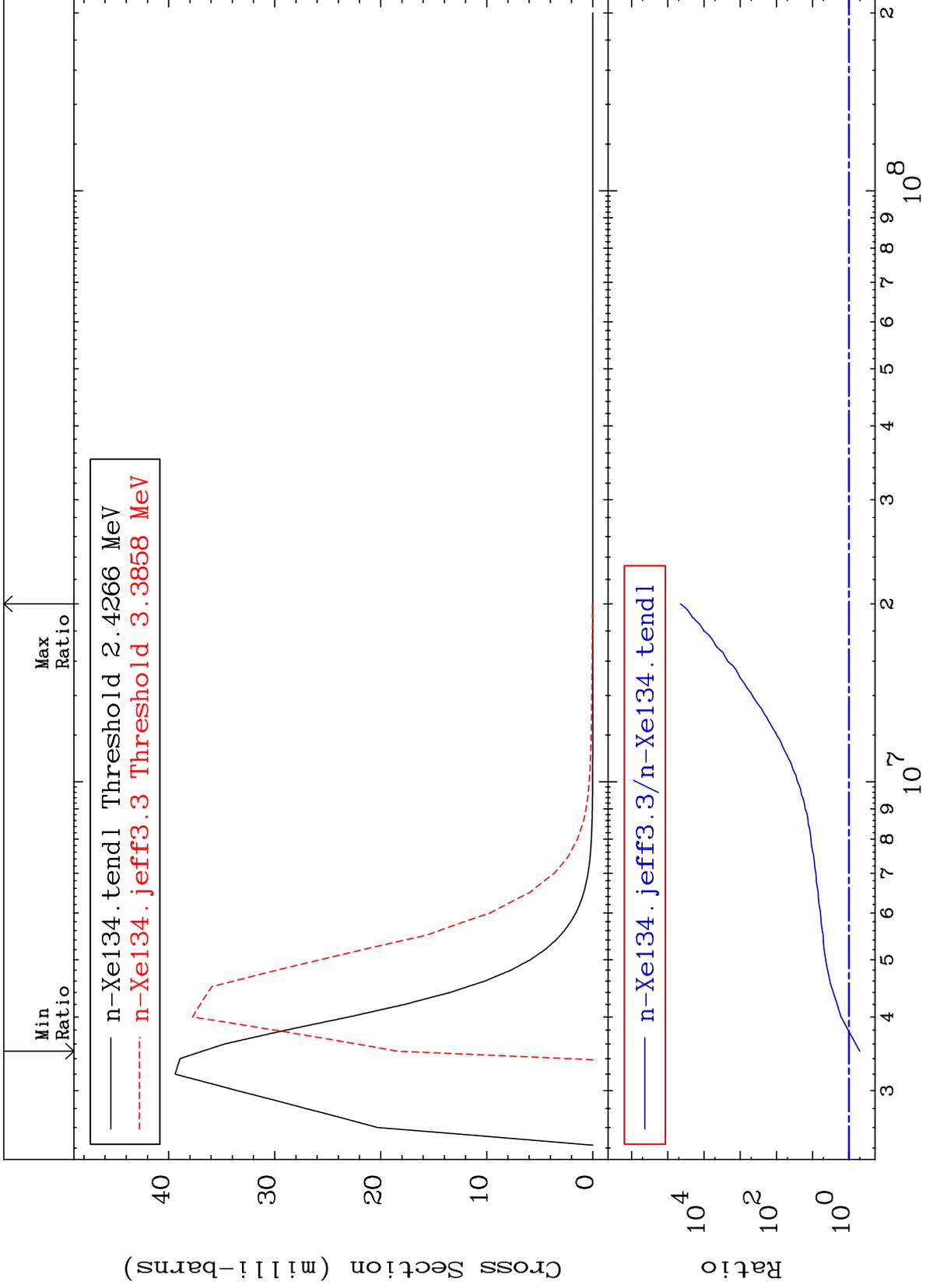
54-Xe-134
-80.81 To 9999. %

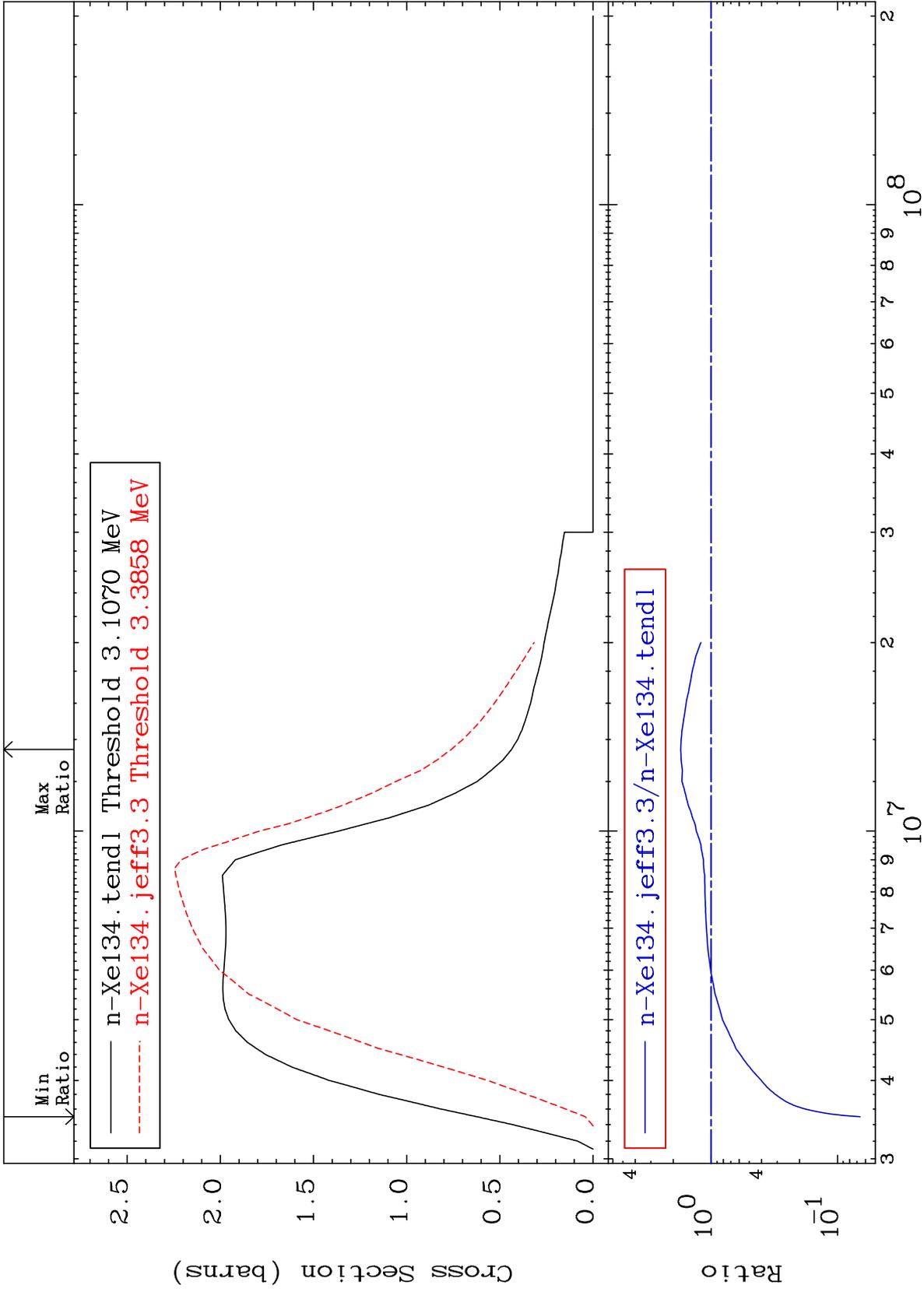


MAT 5455

MT= 69 (n,n') Level
Cross Section

54-Xe-134
-50.06 To 9999. %

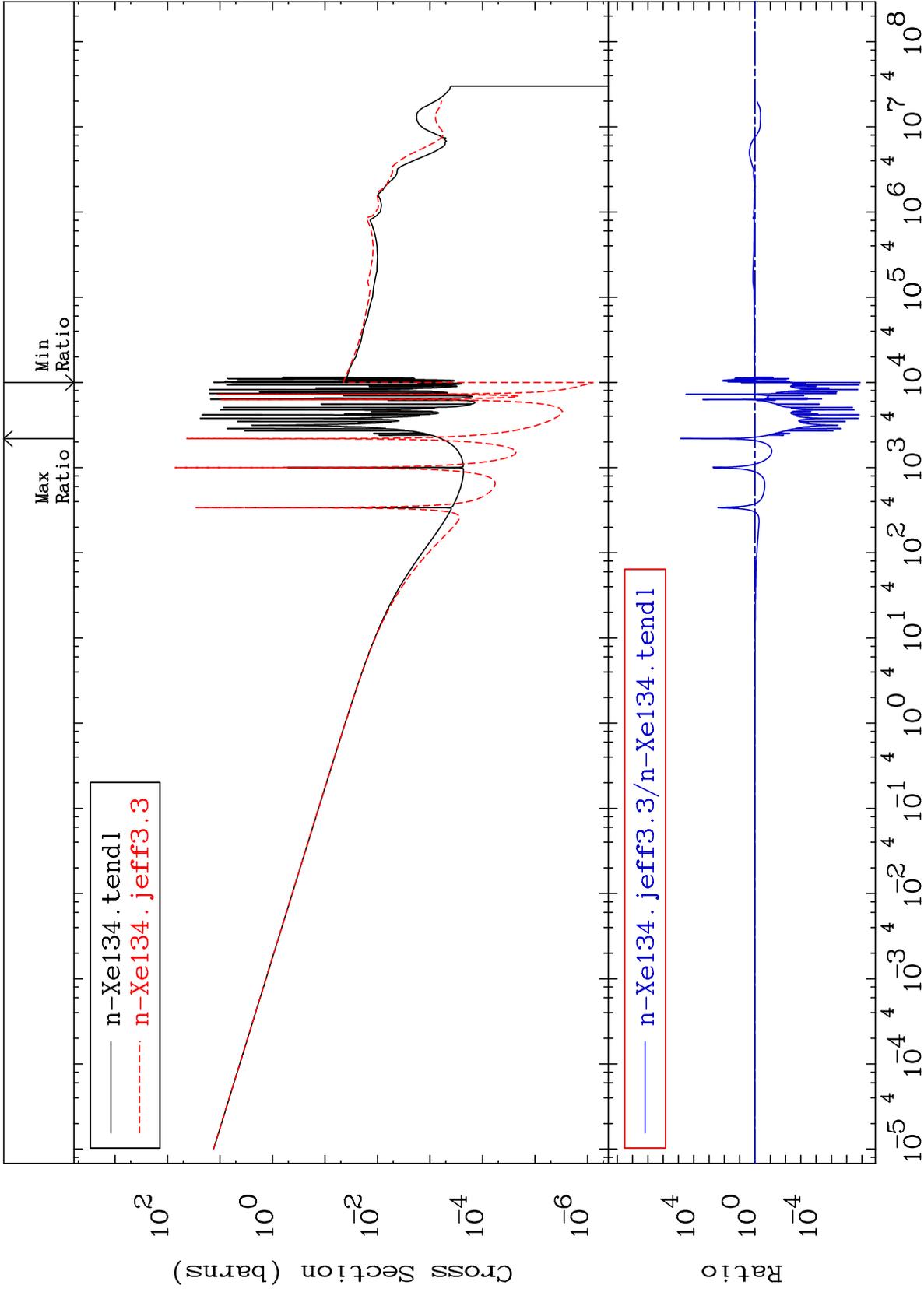




MAT 5455

(n, γ)
Cross Section

54-Xe-134
-100.0 To 9999. %

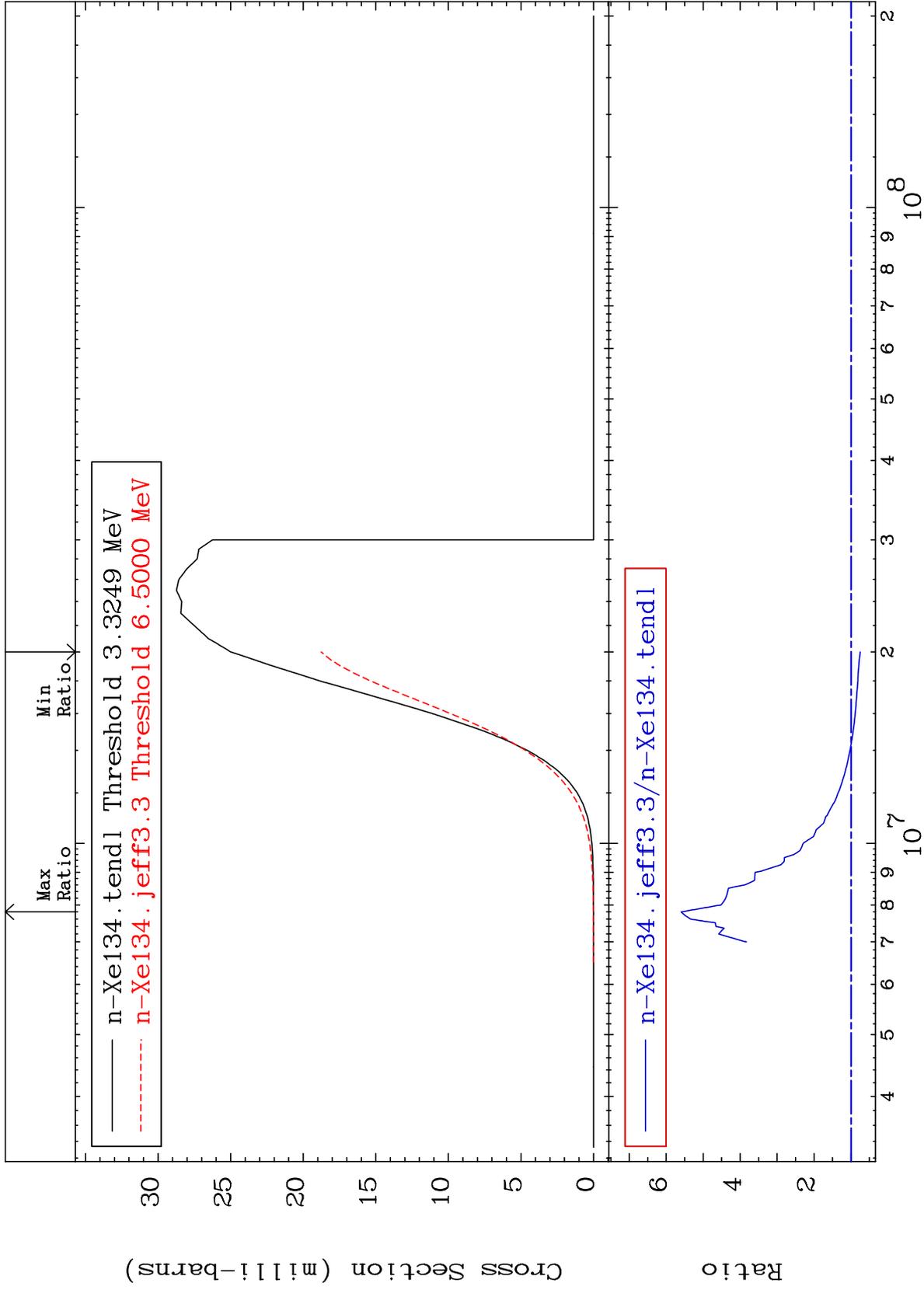


MAT 5455

54-Xe-134

-24.94 To 459.5 %

(n,p)
Cross Section



MAT 5455

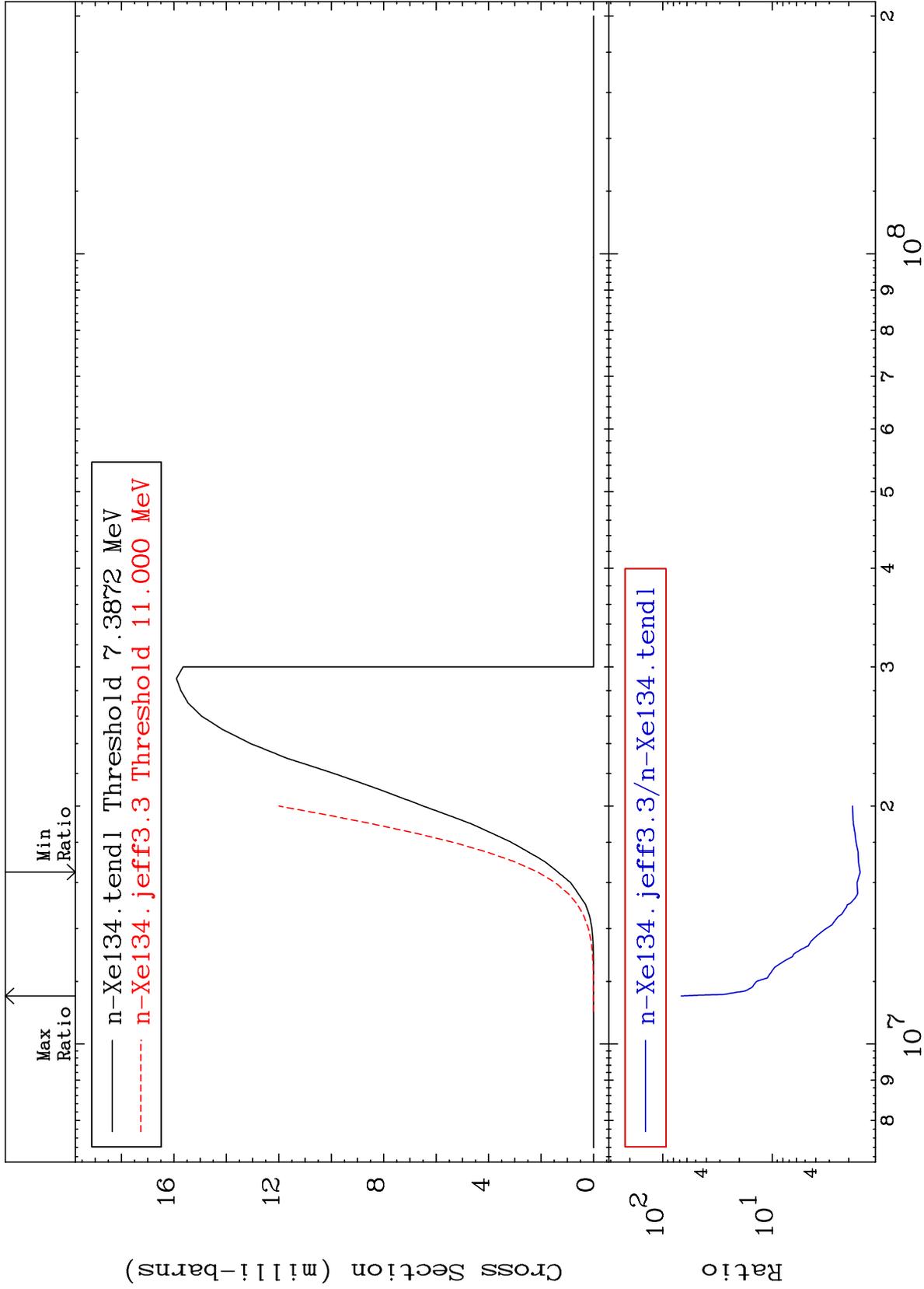
(n, d)

54-Xe-134

Cross Section

56.76

To 6690. %



30

Incident Energy (eV)

54-Xe-134

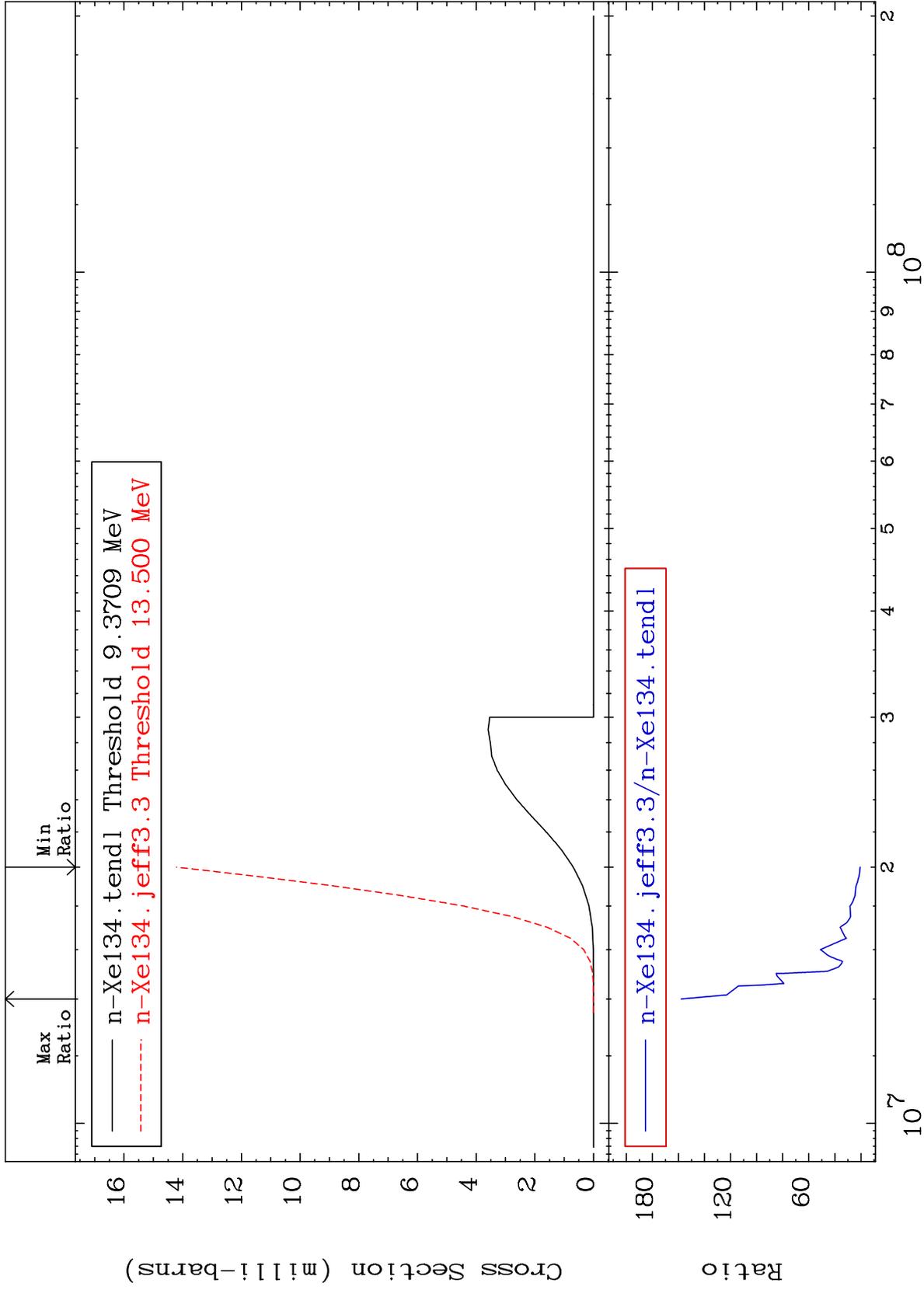
MAT 5455

(n, t)

54-Xe-134

Cross Section

1957. To 9999. %



31

Incident Energy (eV)

54-Xe-134

MAT 5455

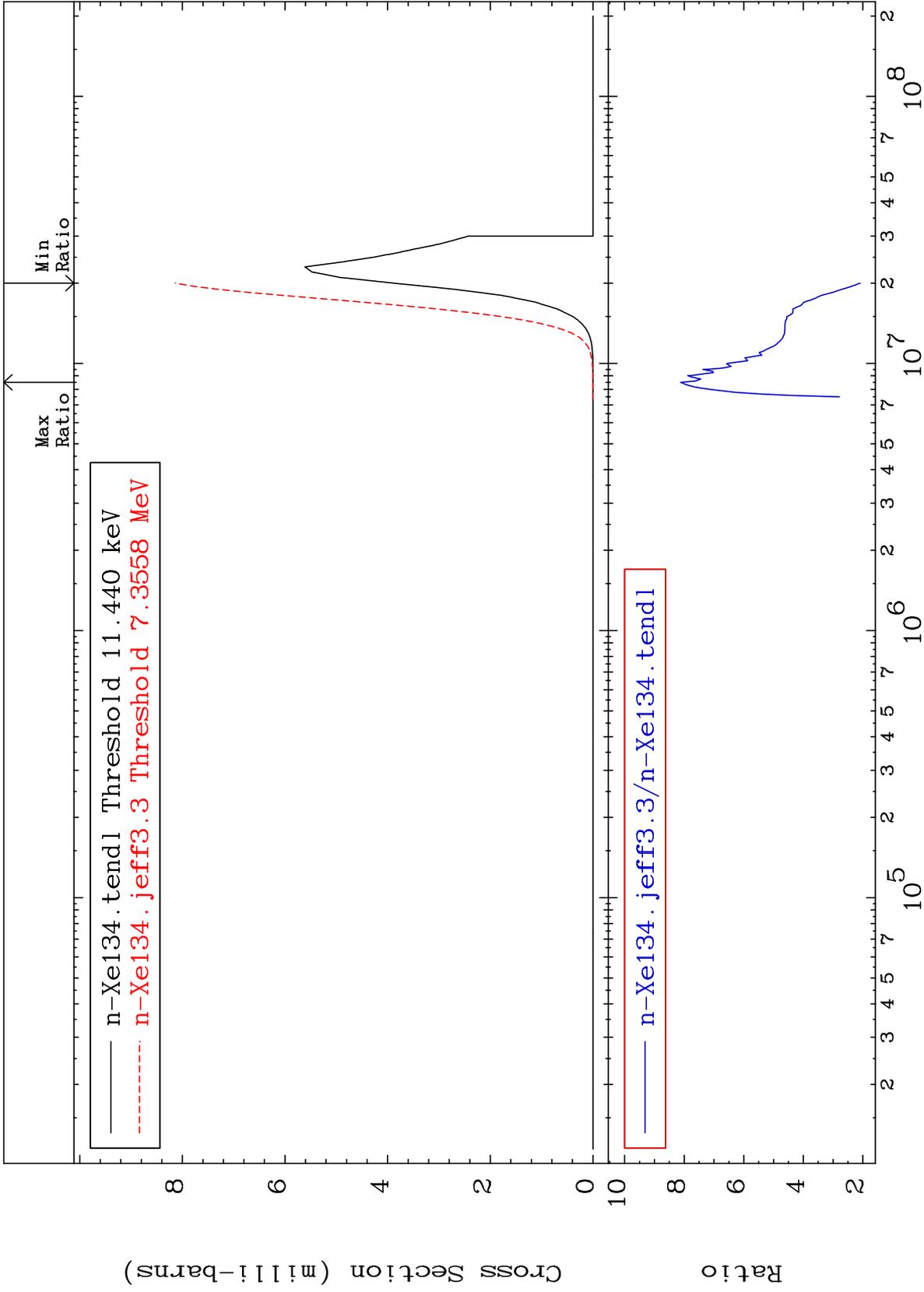
(n, α)

54-Xe-134

Cross Section

109.3

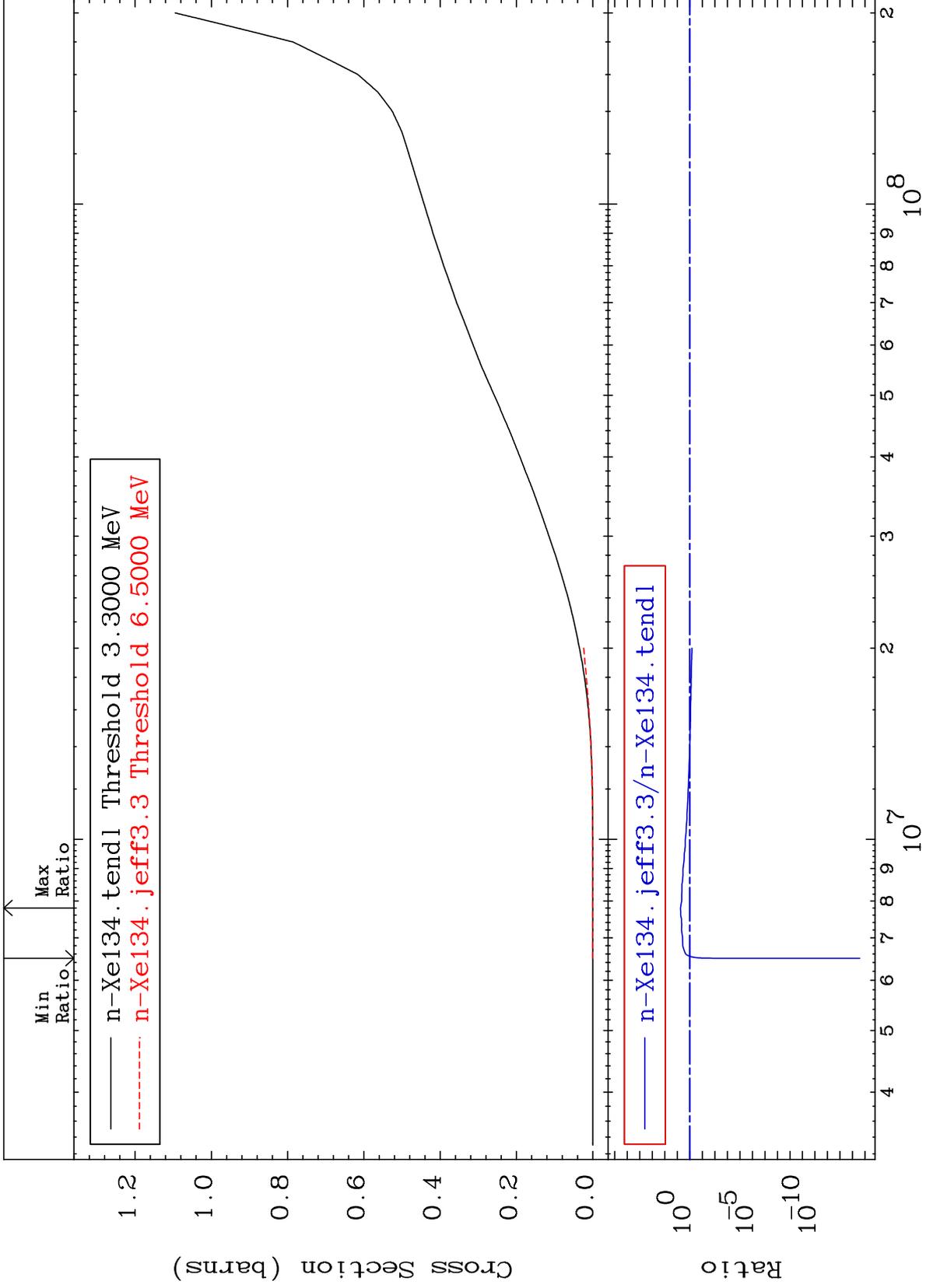
To 711.6 %



MAT 5455

Hydrogen Production
Cross Section

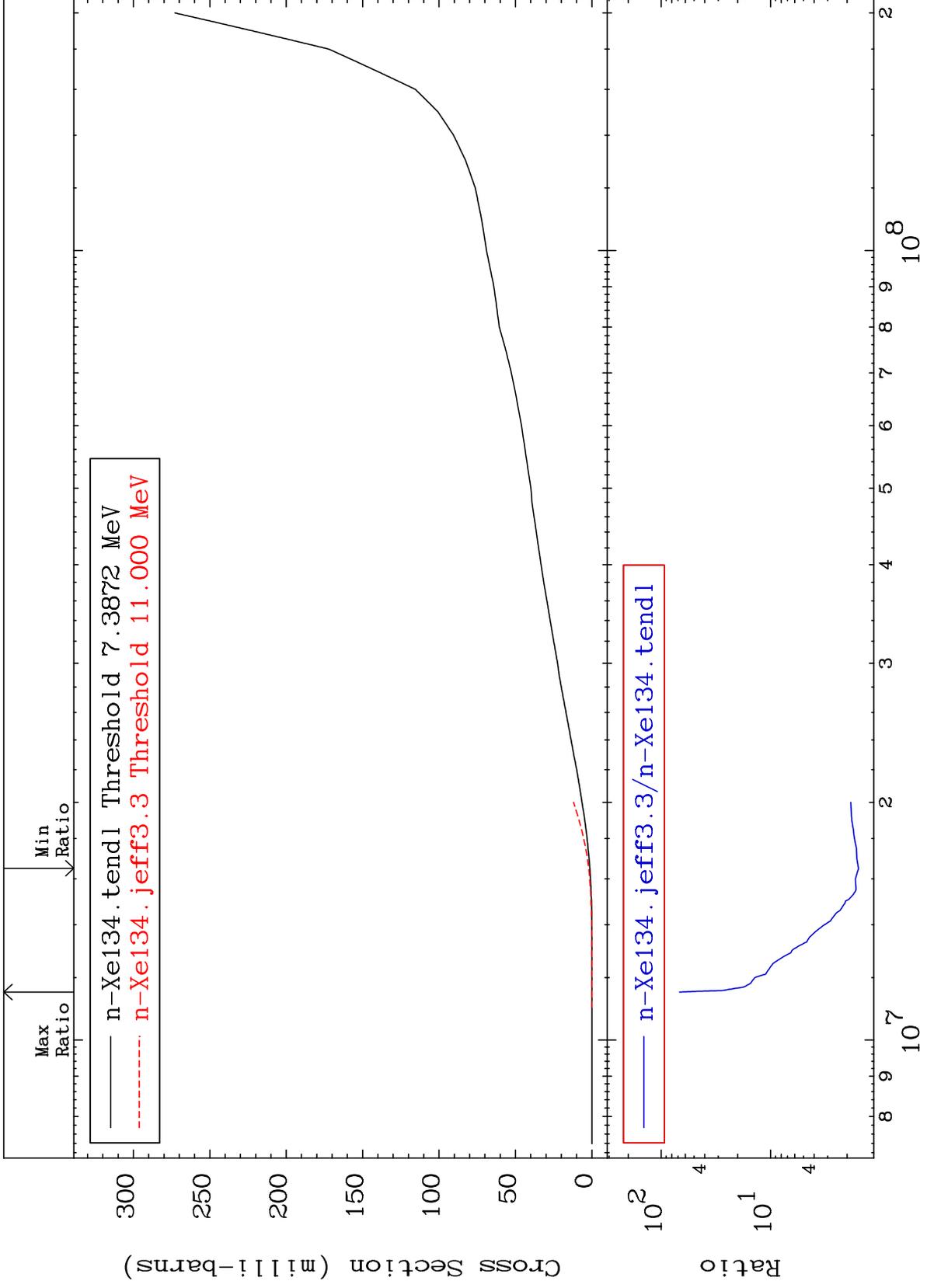
54-Xe-134
-100.0 To 459.5 %



MAT 5455

Deuterium Production
Cross Section

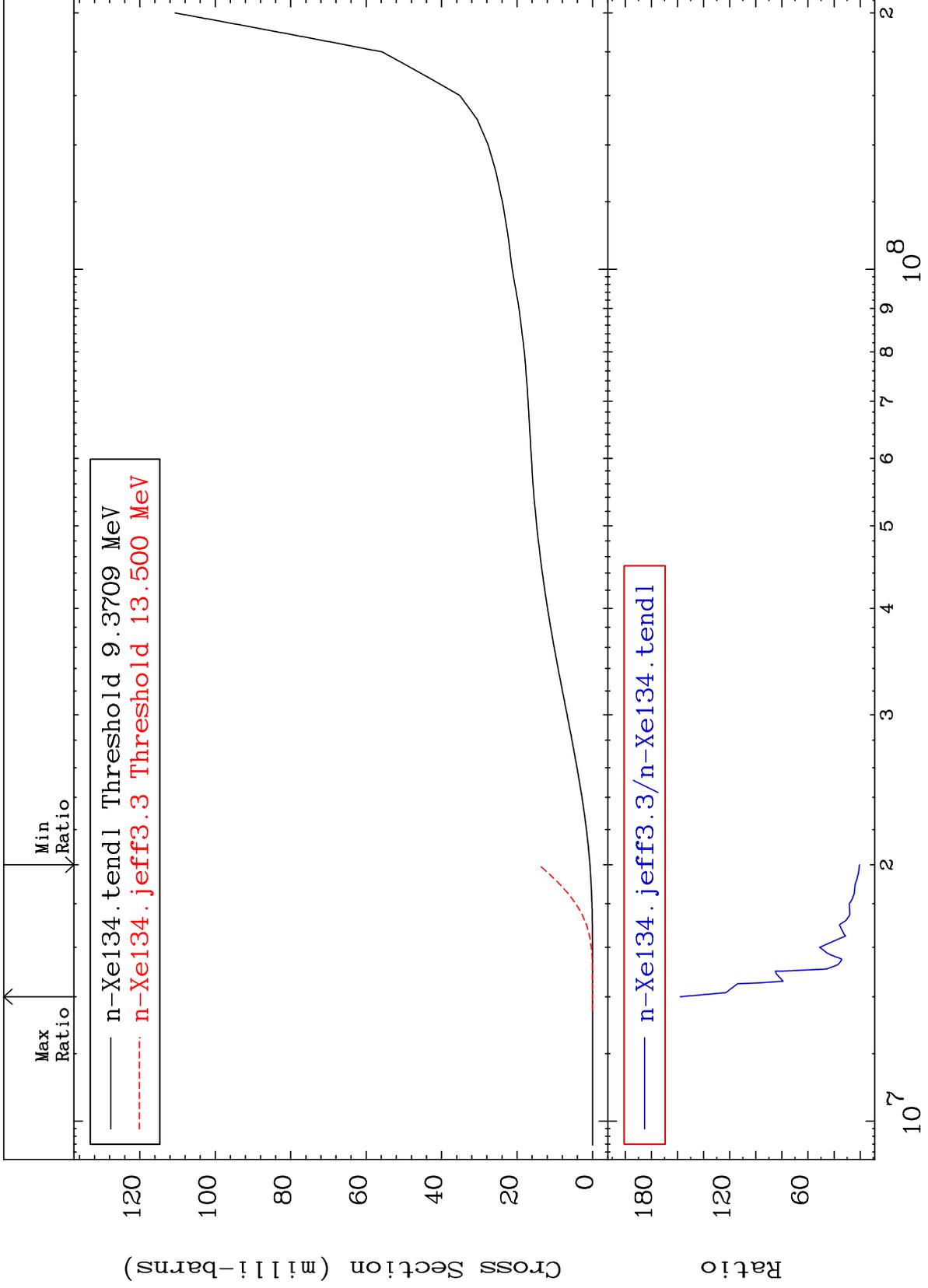
54-Xe-134
56.76 To 6690. %



MAT 5455

Tritium Production
Cross Section

54-Xe-134
1957. To 9999. %



35

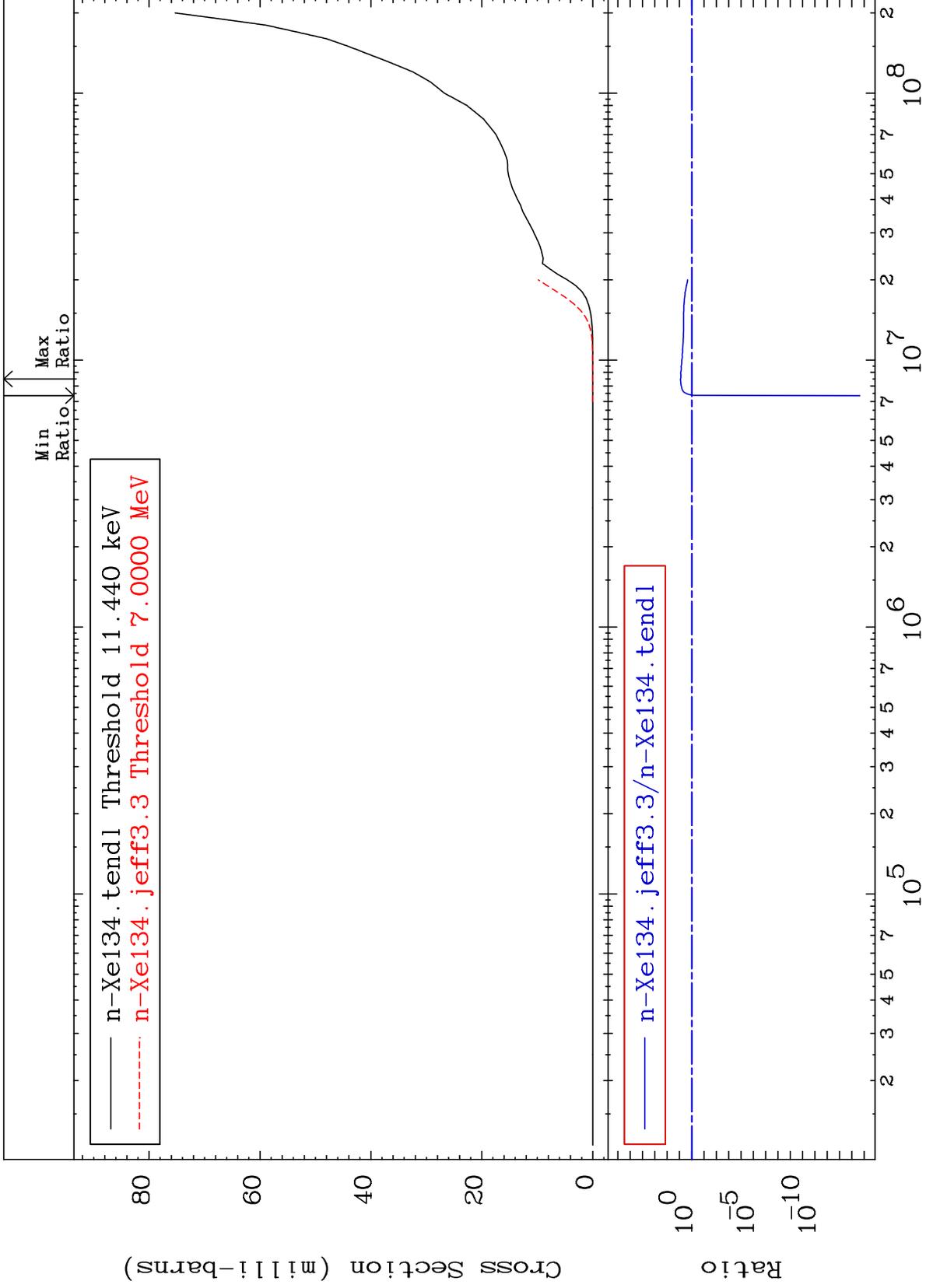
Incident Energy (eV)

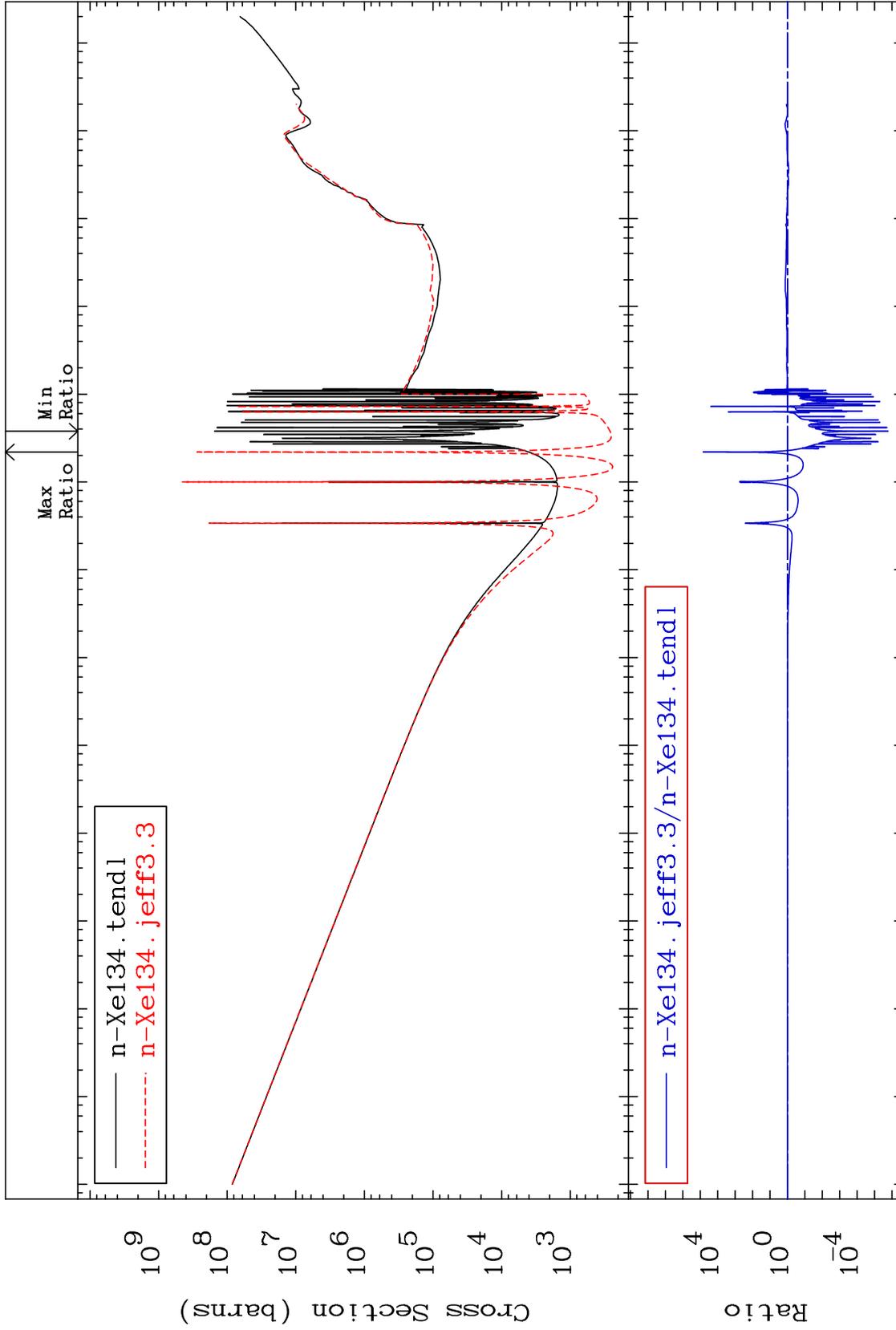
54-Xe-134

MAT 5455

He-4 Production
Cross Section

54-Xe-134
-100.0 To 711.6 %

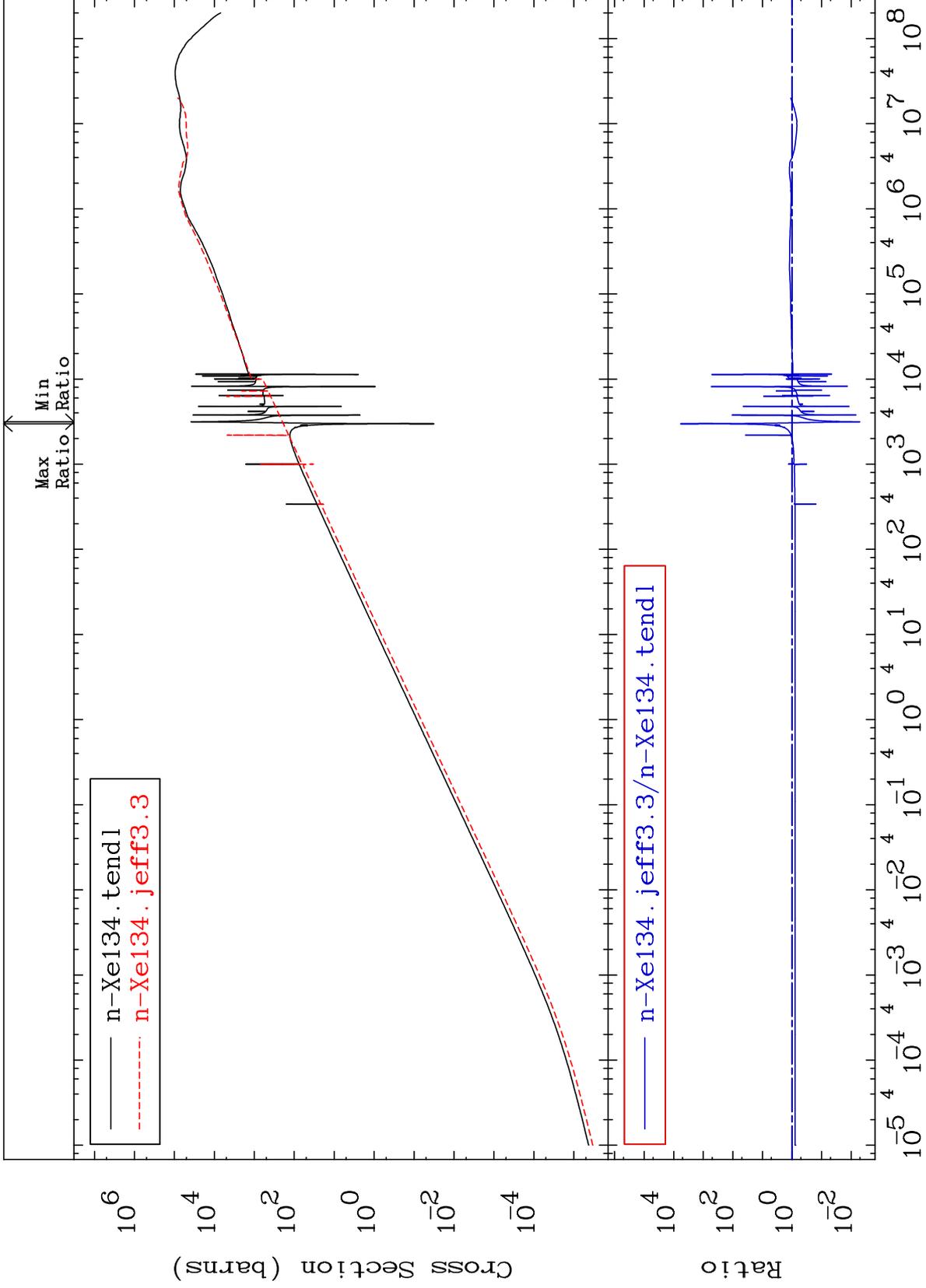


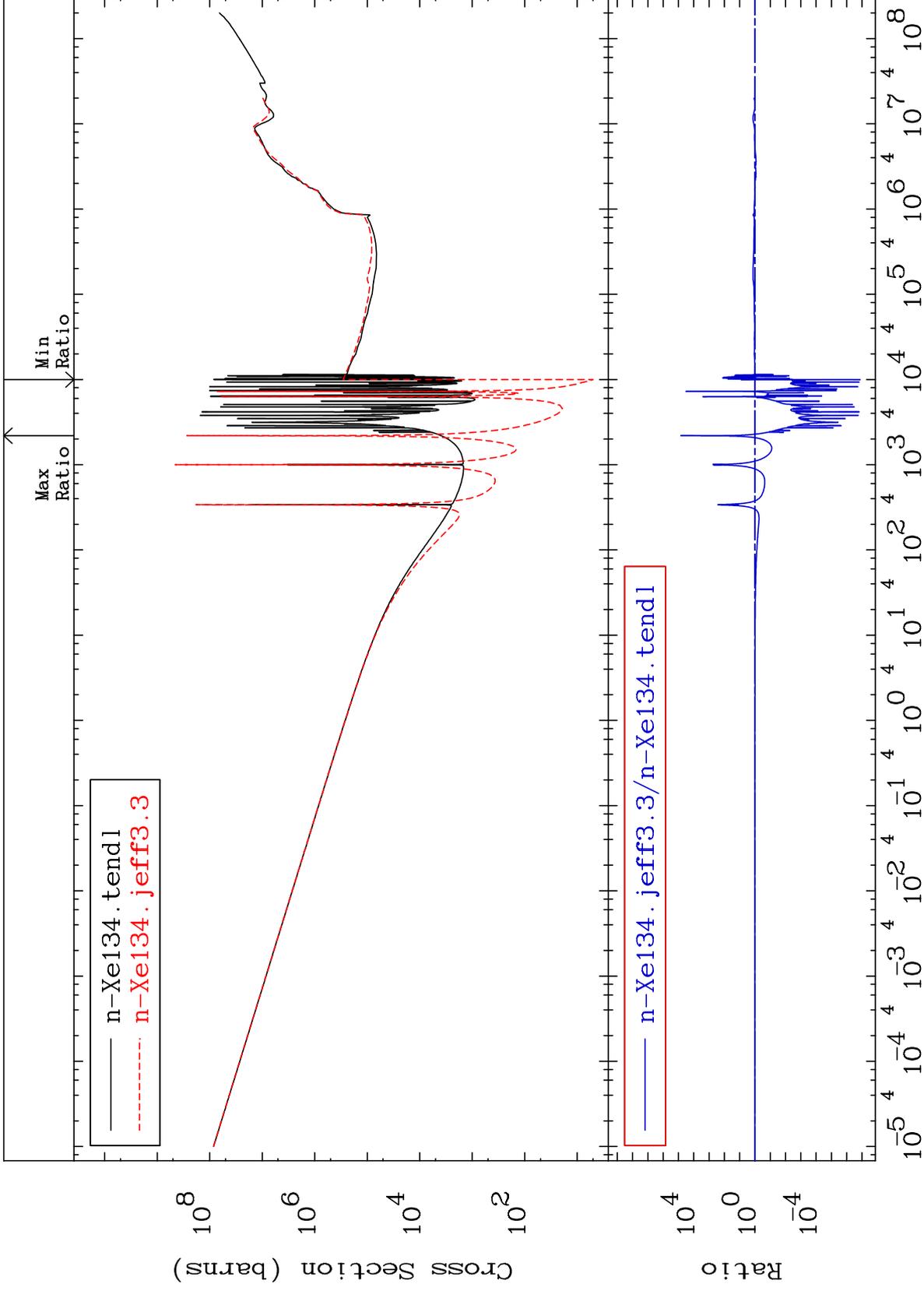


MAT 5455

Kerma elastic
Cross Section

54-Xe-134
-99.49 To 9999. %

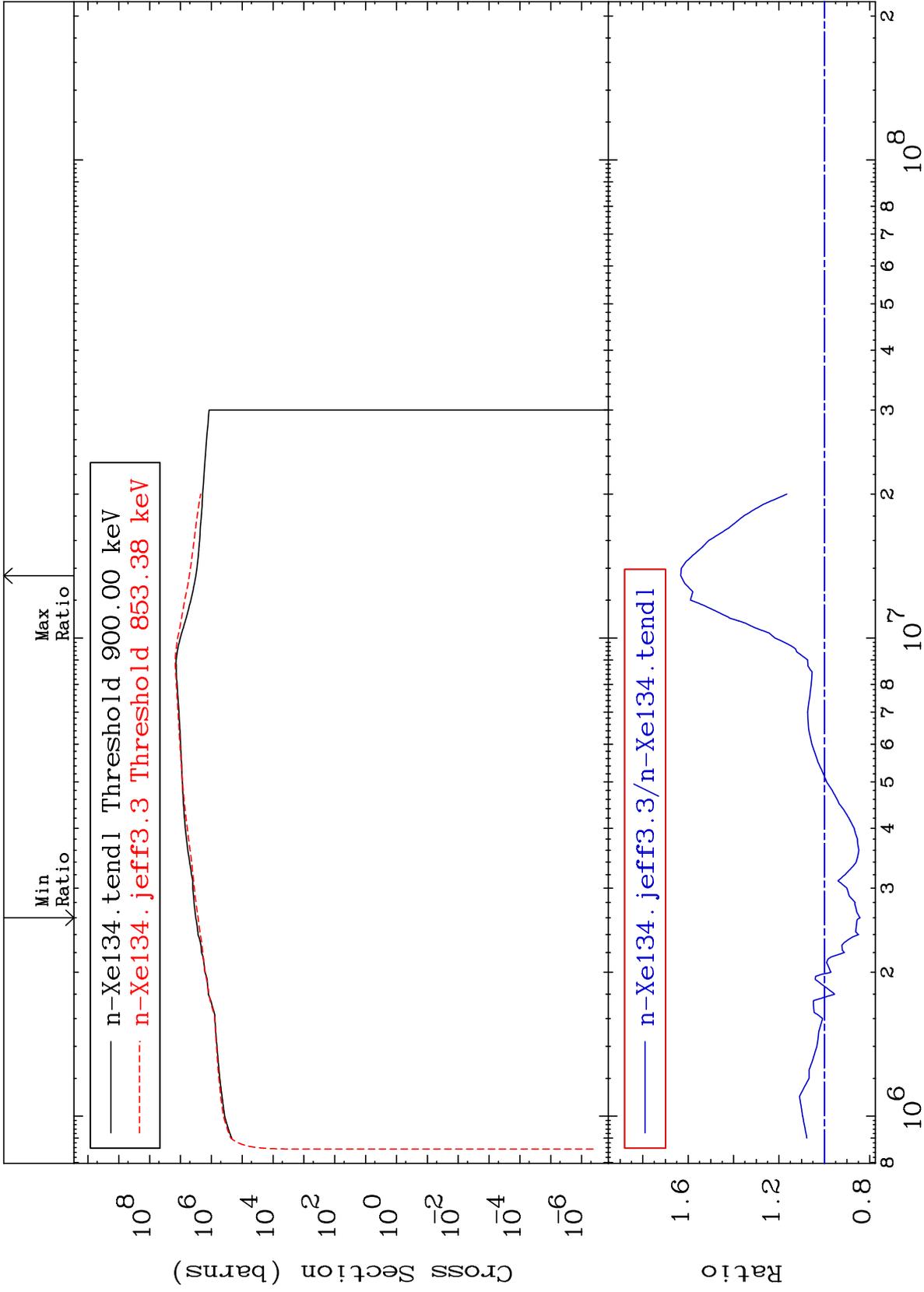




MAT 5455

Kerma inelastic (mt51-91)
Cross Section

54-Xe-134
-15.77 To 63.26 %



40

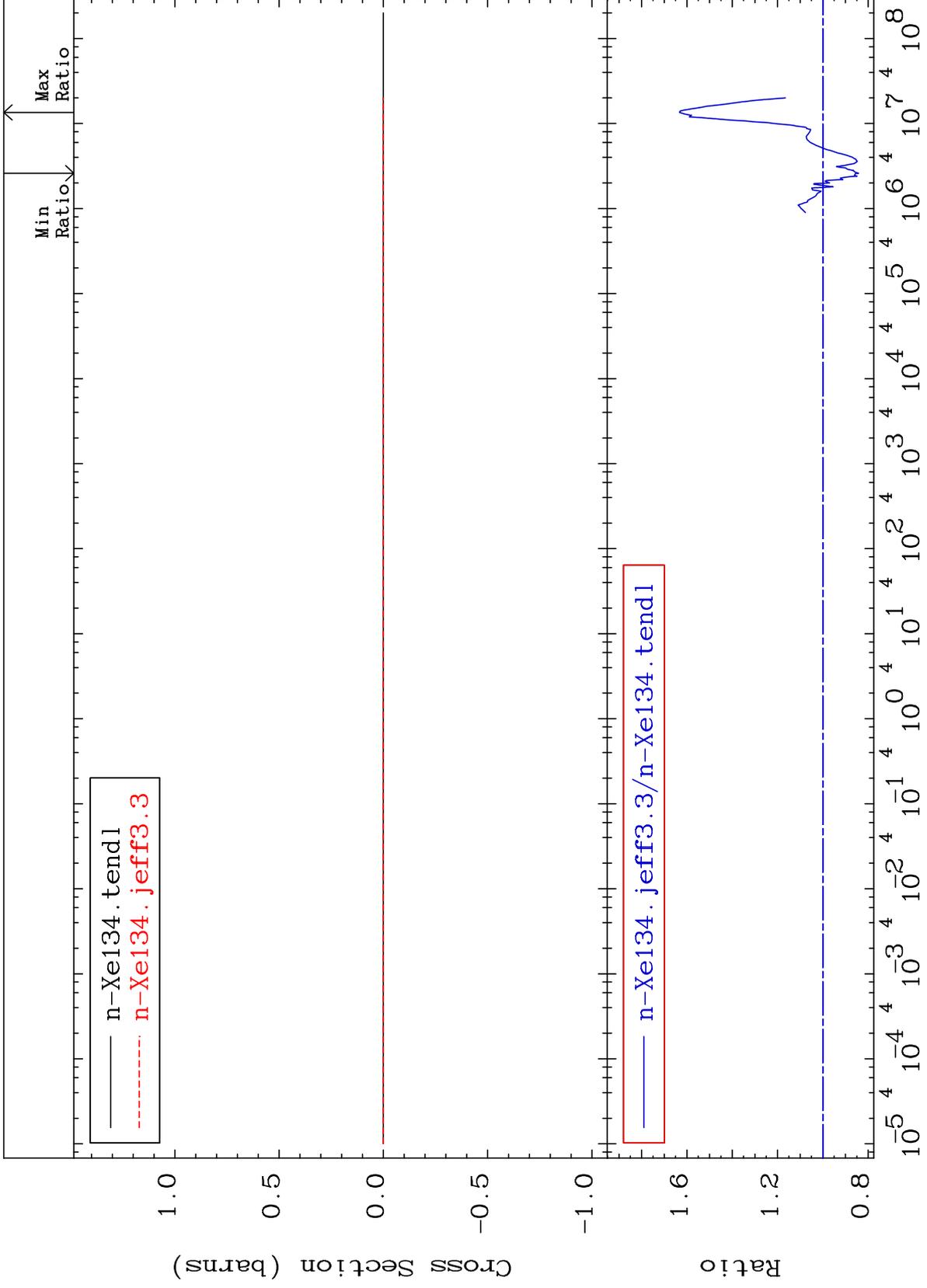
Incident Energy (eV)

54-Xe-134

MAT 5455

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

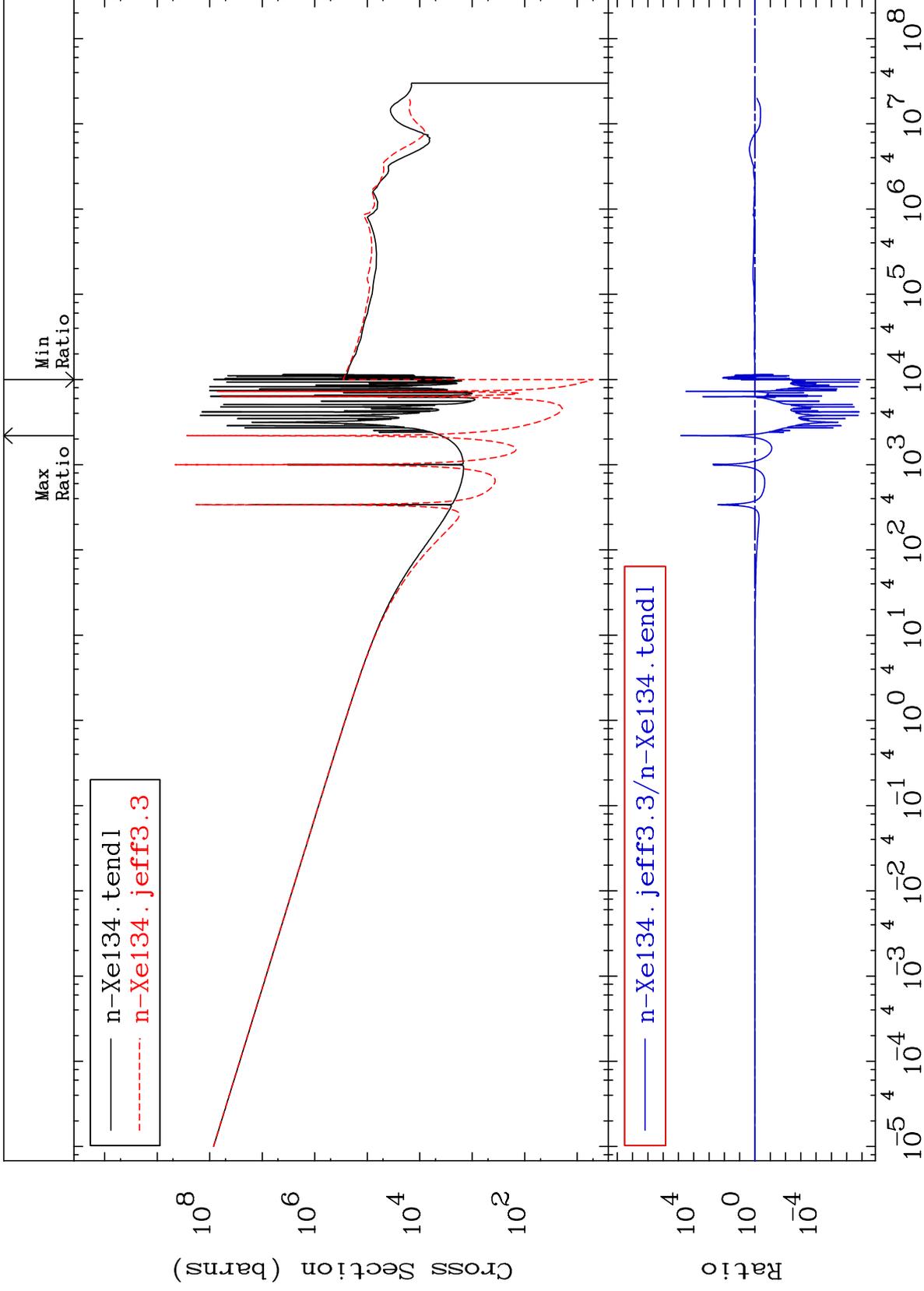
54-Xe-134
-15.77 To 63.26 %



MAT 5455

Kerma capture (mt102)
Cross Section

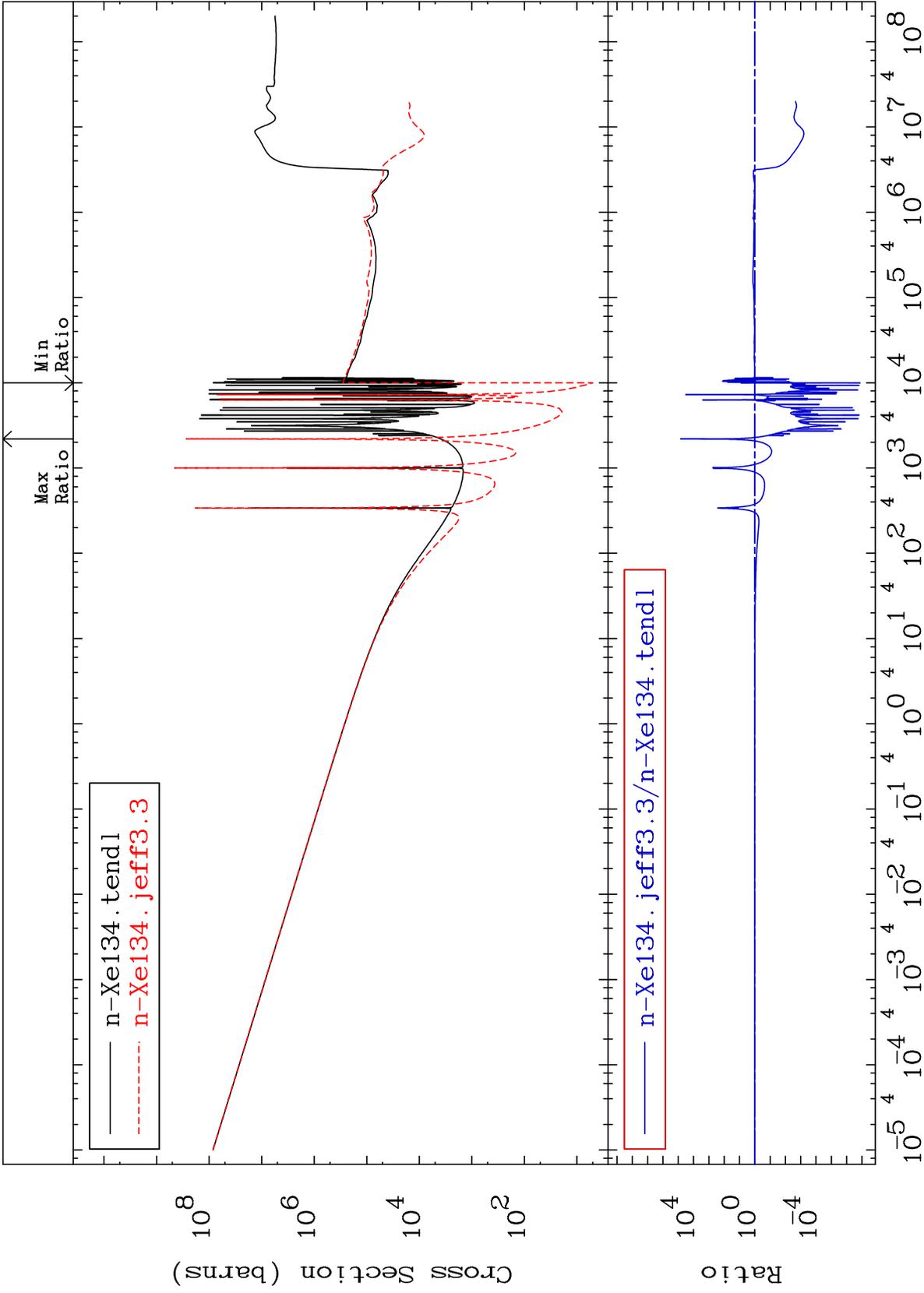
54-Xe-134
-100.0 To 9999. %

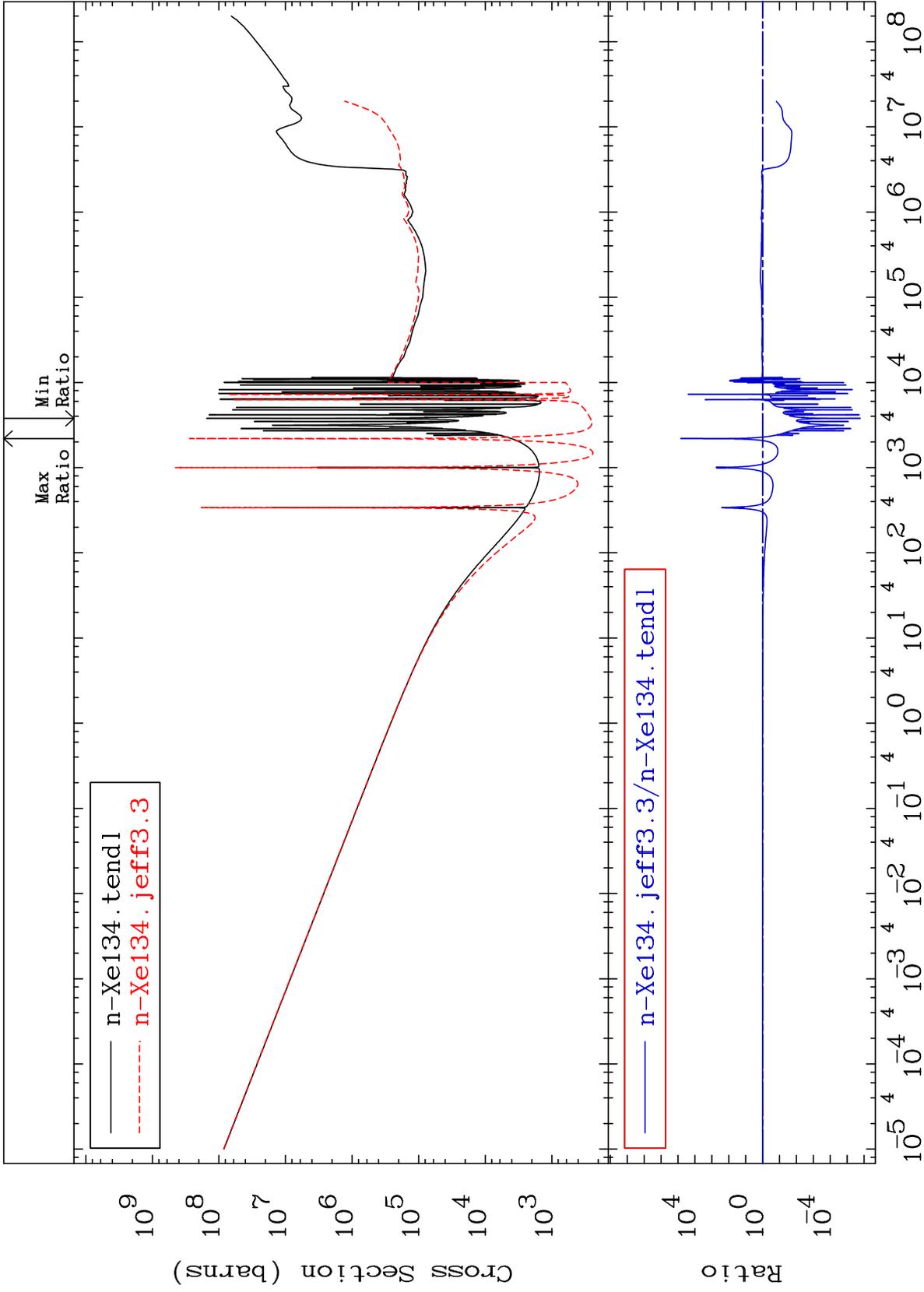


MAT 5455

Total photon (eV-barns)
Cross Section

54-Xe-134
-100.0 To 9999. %

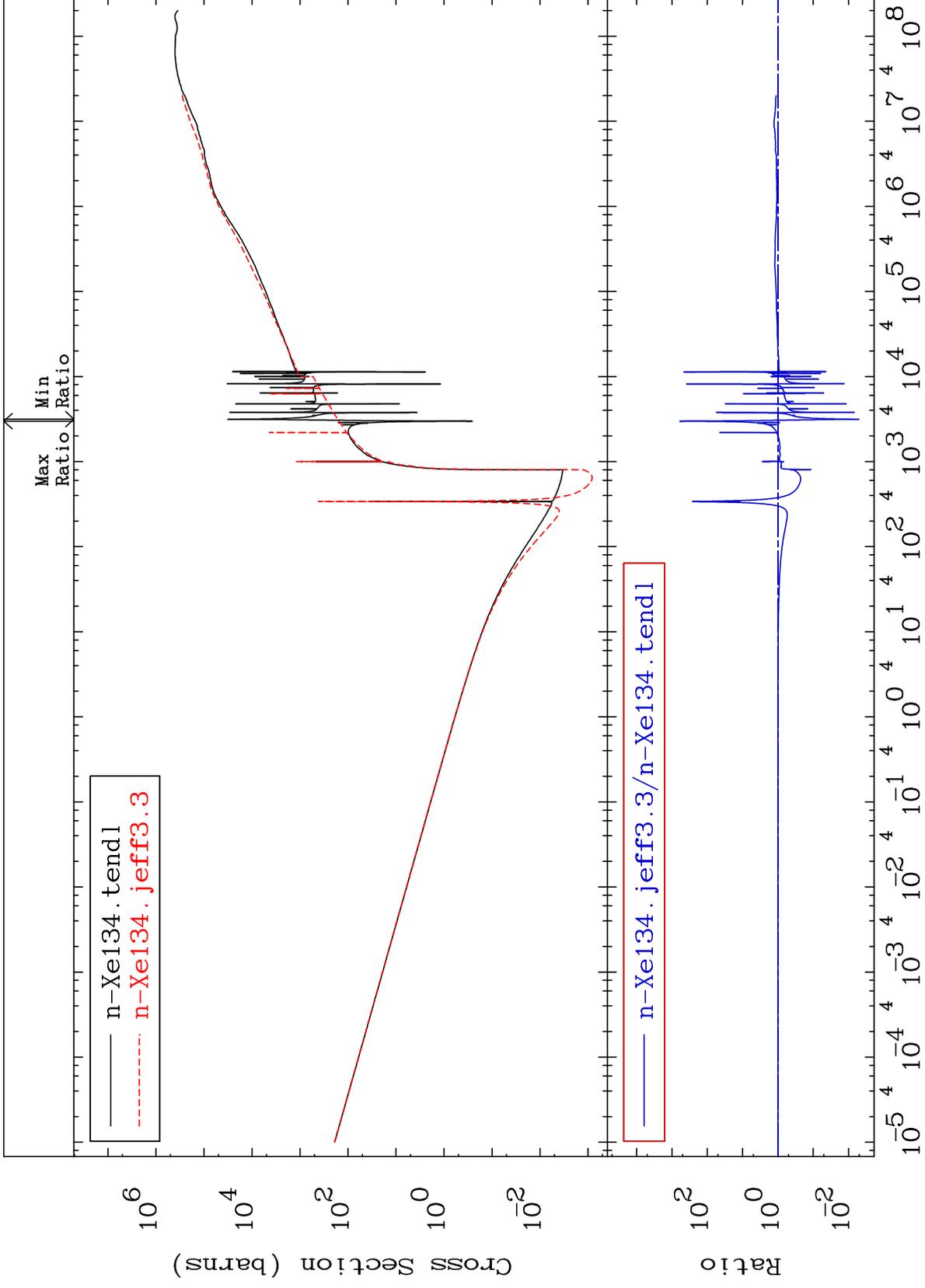




MAT 5455

Dpa total (eV-barns)
Cross Section

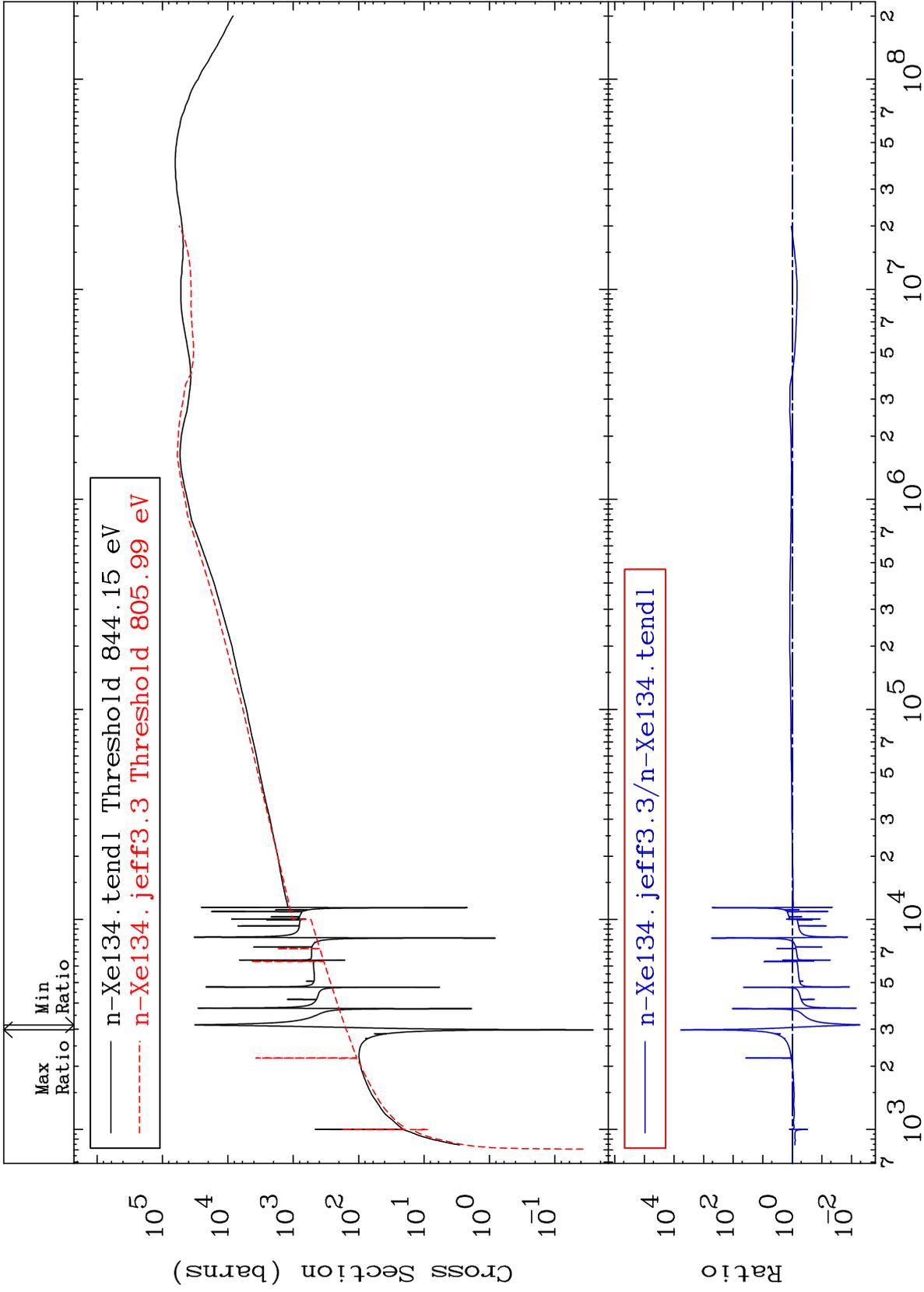
54-Xe-134
-99.49 To 9999. %



MAT 5455

Dpa elastic (mt2)
Cross Section

54-Xe-134
-99.49 To 9999. %



46

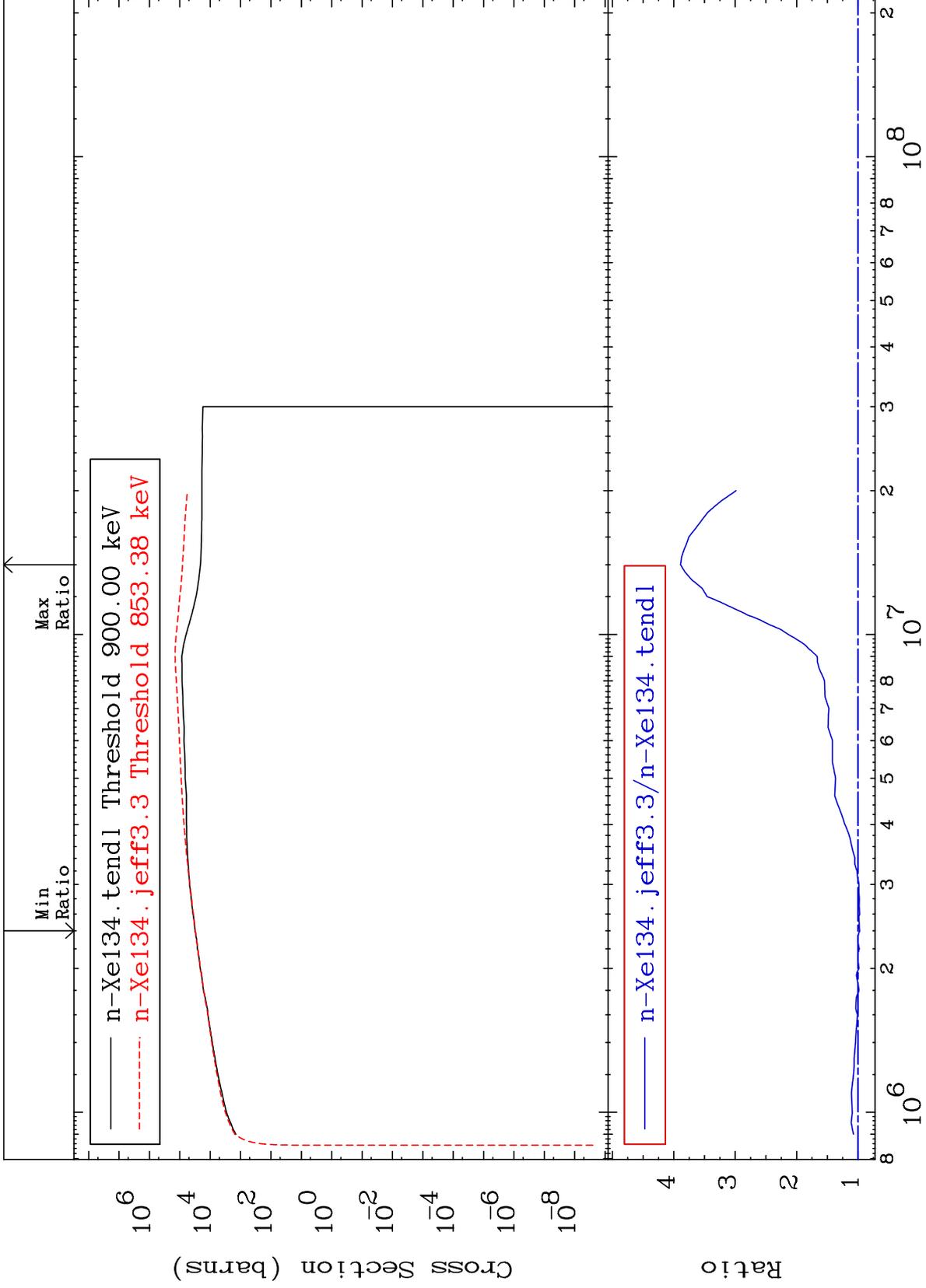
Incident Energy (eV)

54-Xe-134

MAT 5455

Dpa inelastic (mt51-91)
Cross Section

54-Xe-134
-2.795 To 289.1 %



MAT 5455

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-134
-100.0 To 9999. %

