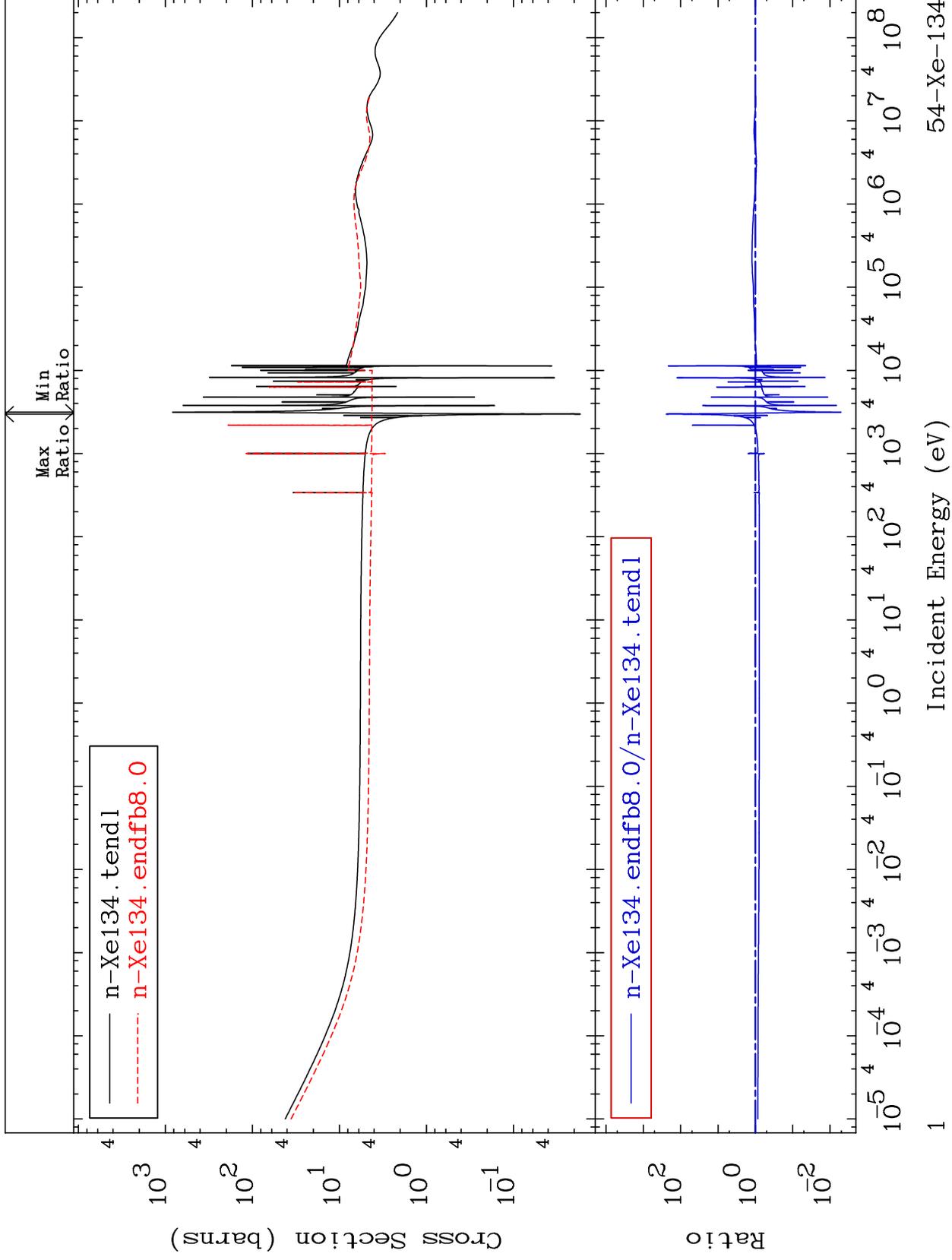


MAT 5455

Total  
Cross Section

54-Xe-134  
-99.49 To 9999. %

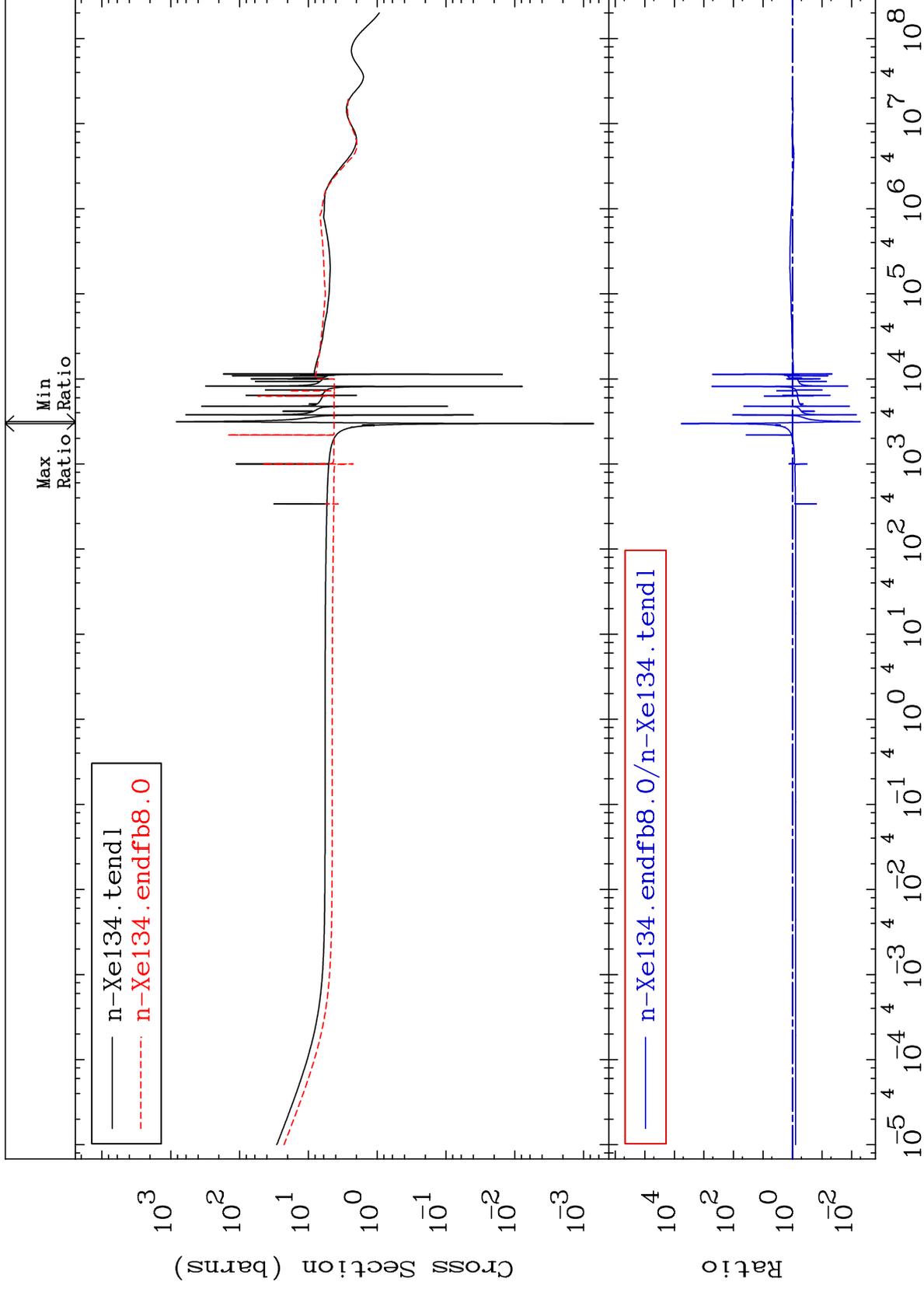


54-Xe-134

MAT 5455

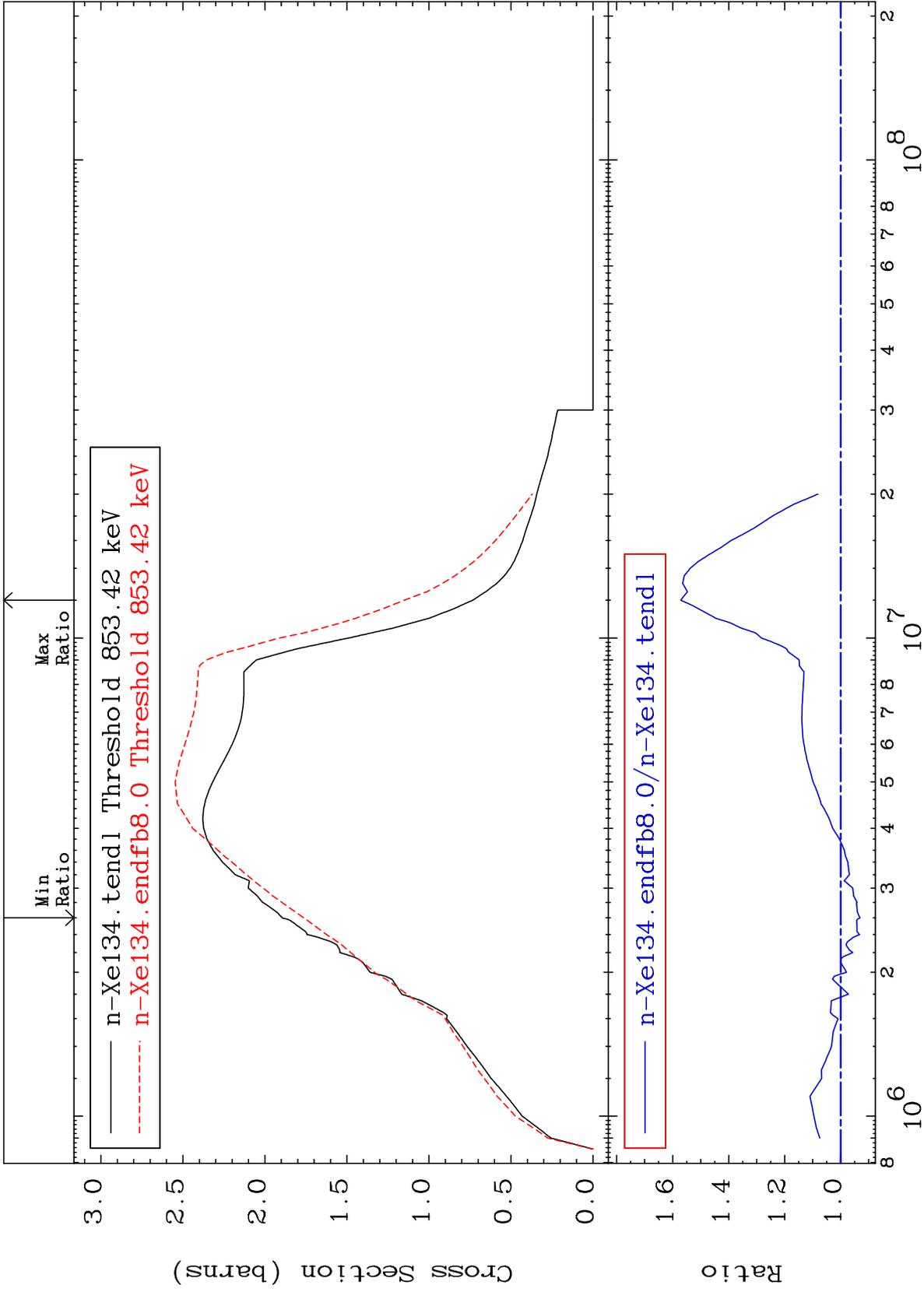
Elastic  
Cross Section

54-Xe-134  
-99.49 To 9999. %



MAT 5455

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



3

Incident Energy (eV)

54-Xe-134

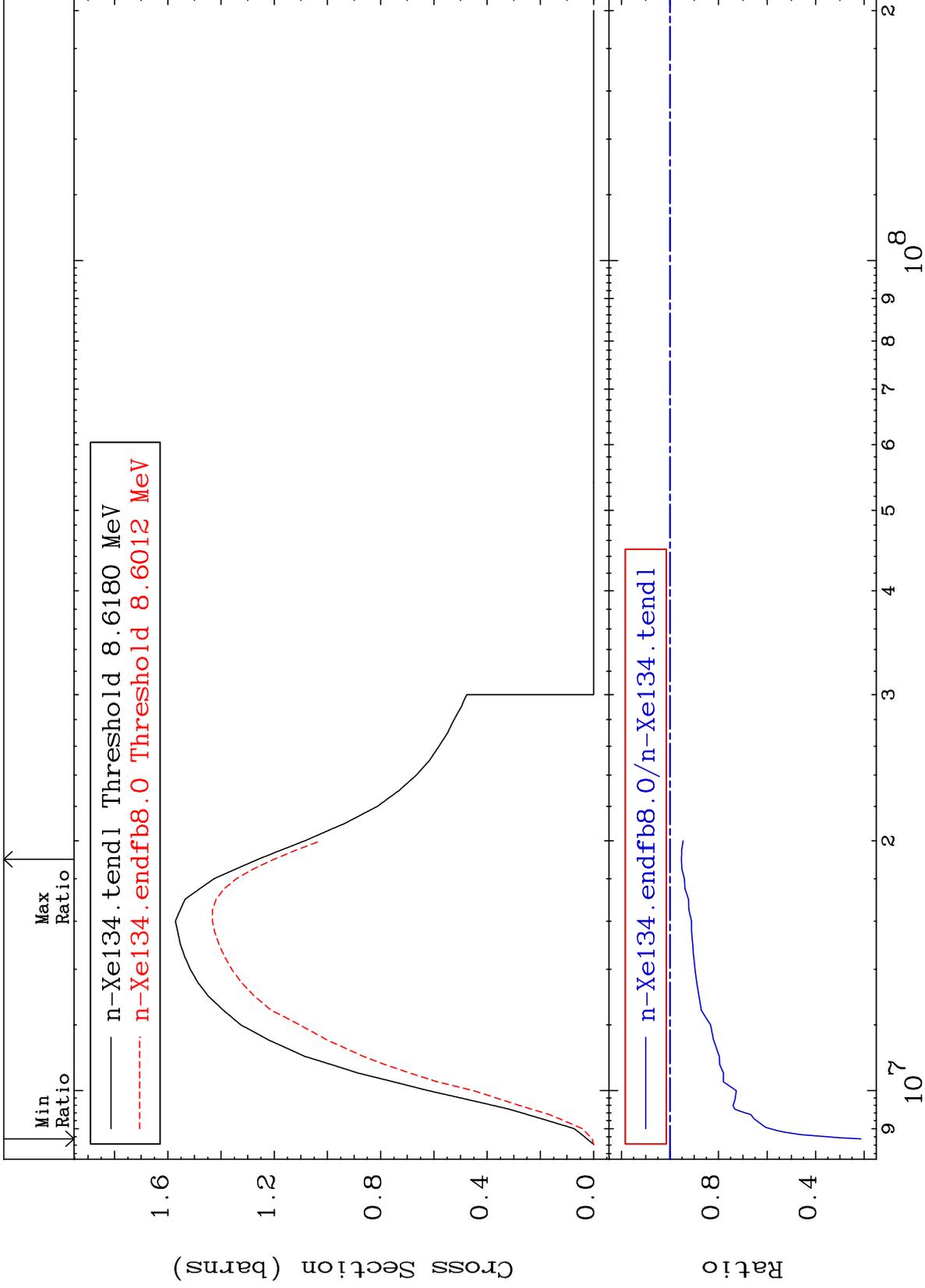
MAT 5455

(n,2n)

54-Xe-134

Cross Section

-78.70 To -4.741%



4

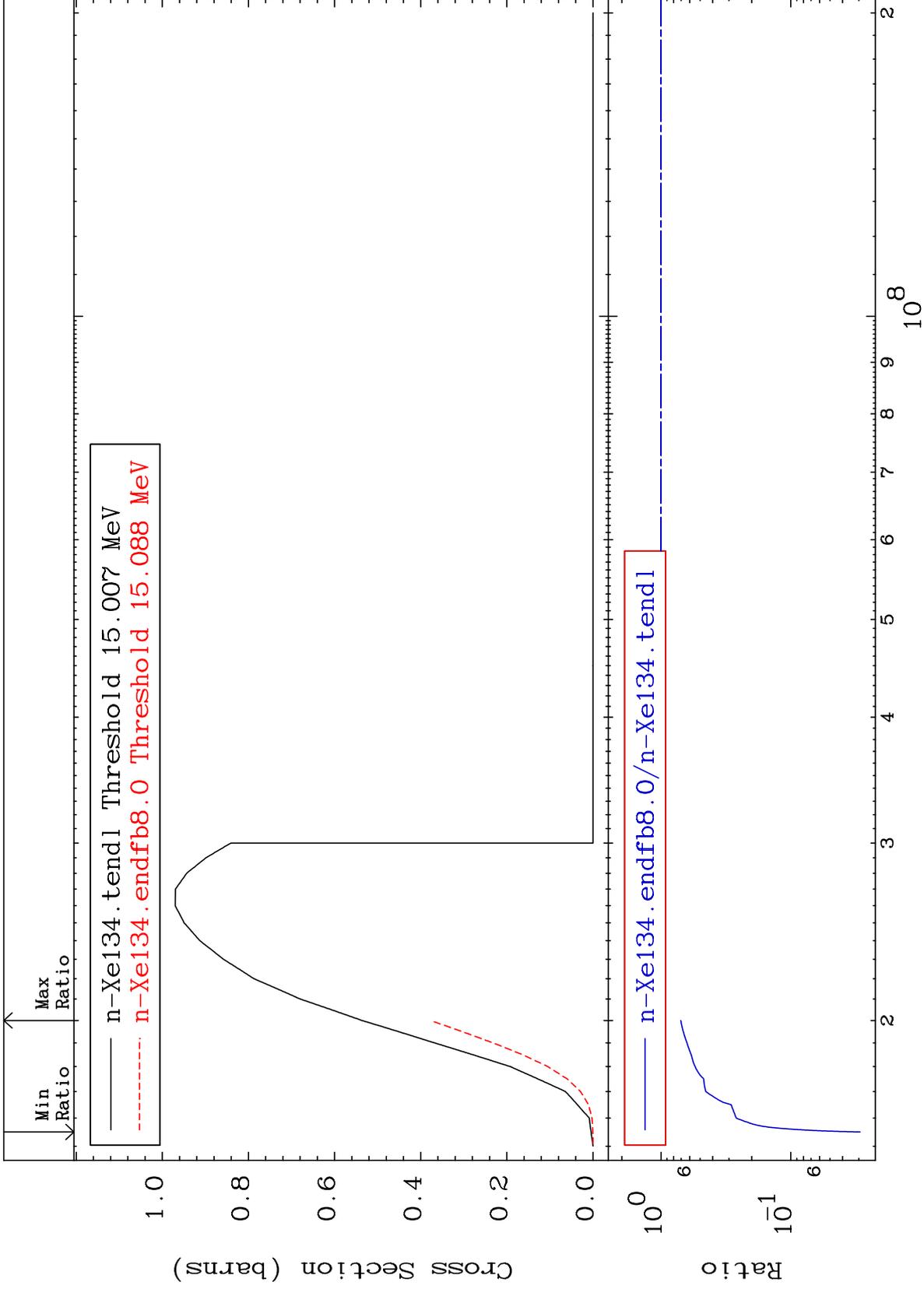
Incident Energy (eV)

54-Xe-134

MAT 5455

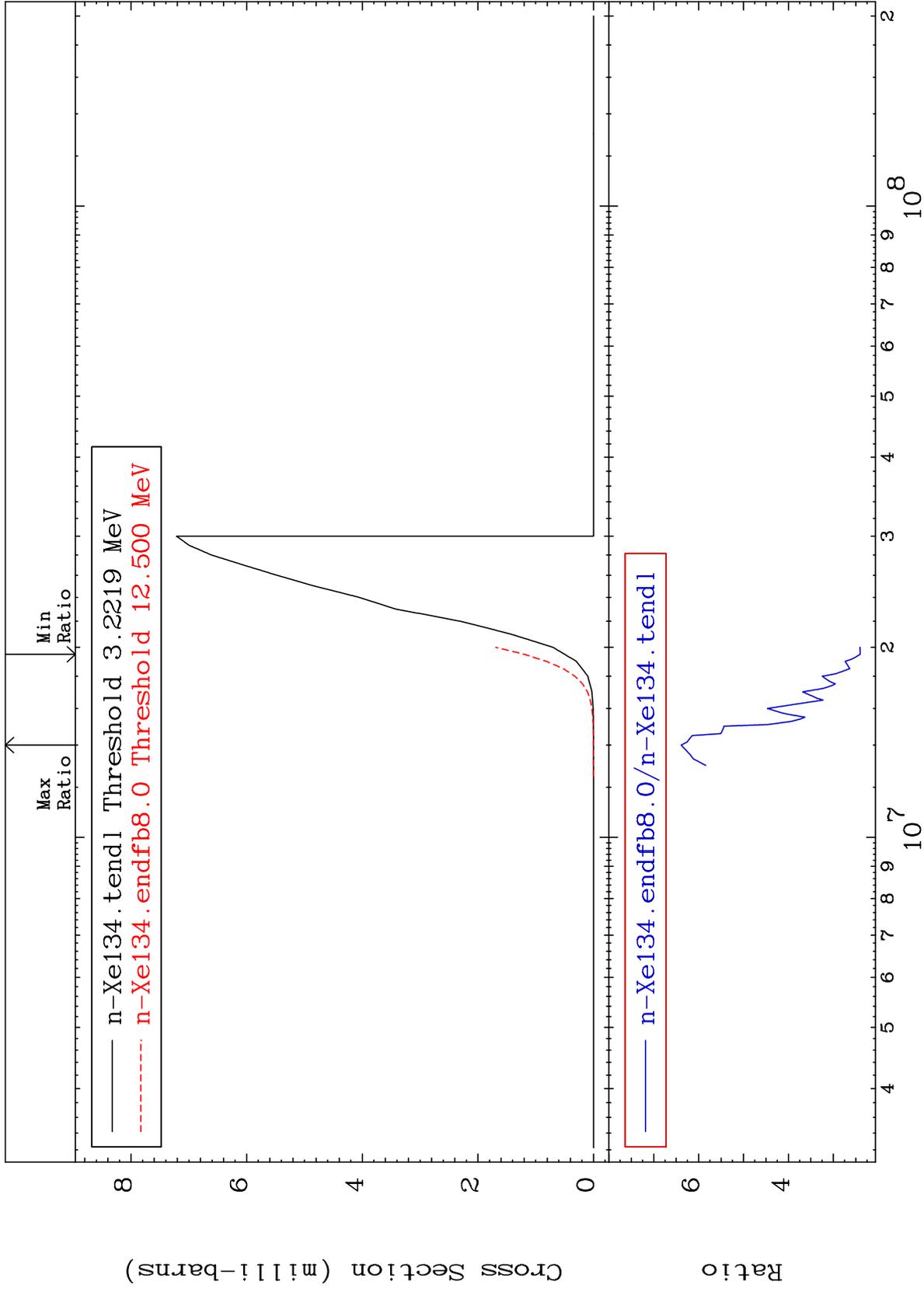
(n,3n)  
Cross Section

54-Xe-134  
-97.07 To -29.58%



MAT 5455

(n, n')  $\alpha$   
Cross Section  
140.1 To 538.9 %  
54-Xe-134



6

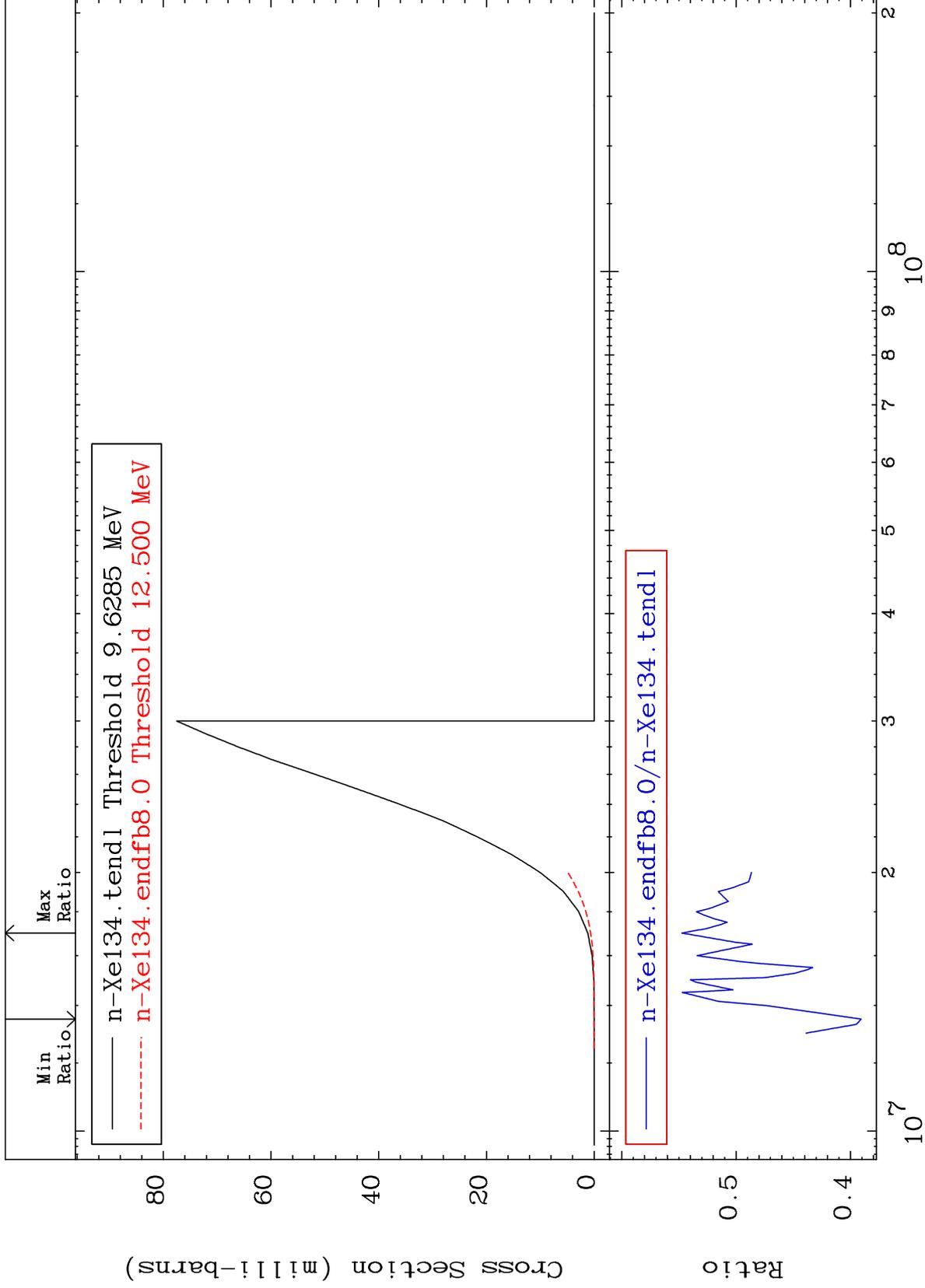
Incident Energy (eV)

54-Xe-134

MAT 5455

(n, n') p  
Cross Section

54-Xe-134  
-60.93 To -45.26%



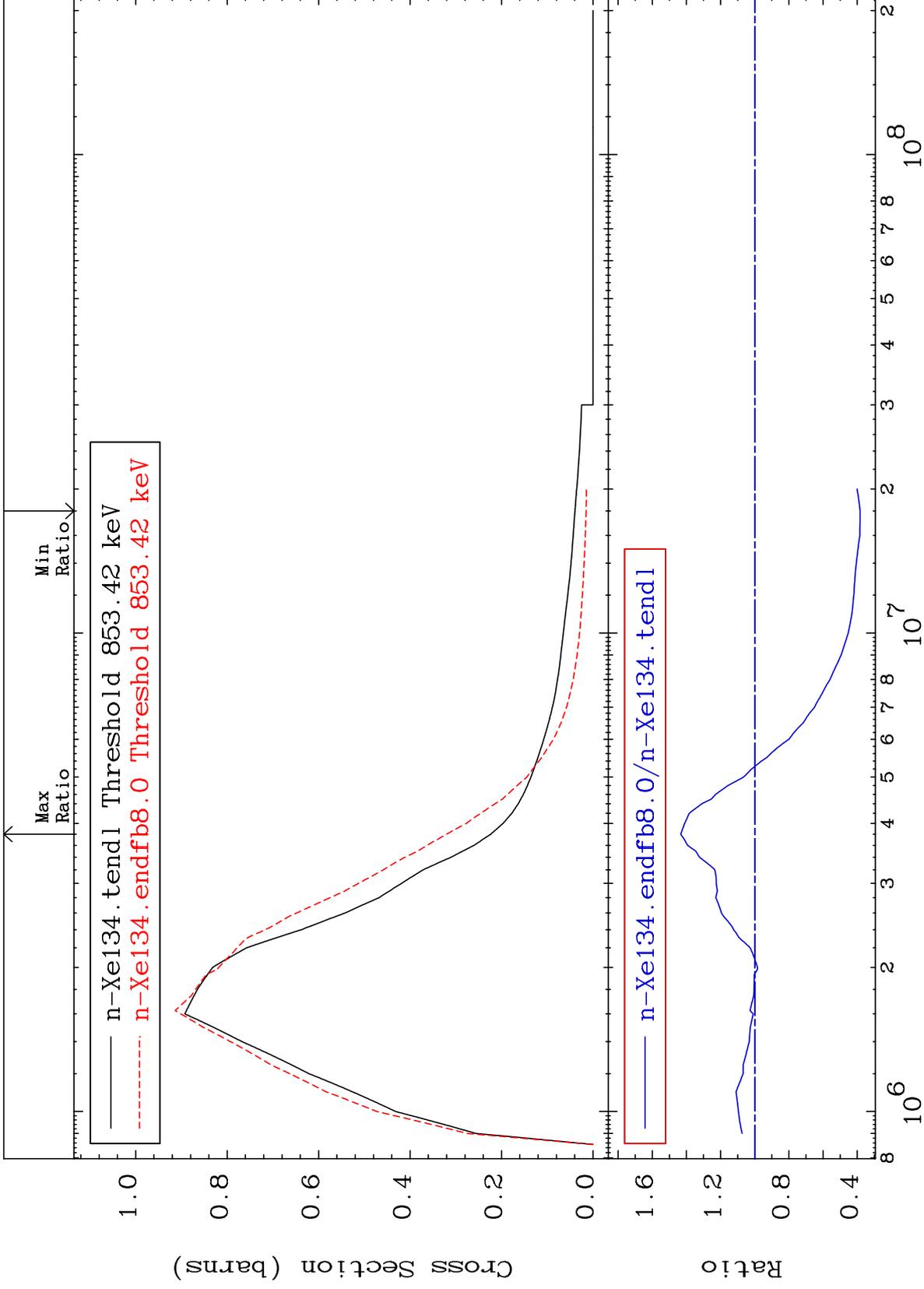
54-Xe-134

54-Xe-134

MAT 5455

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

54-Xe-134  
-61.67 To 43.33 %



8

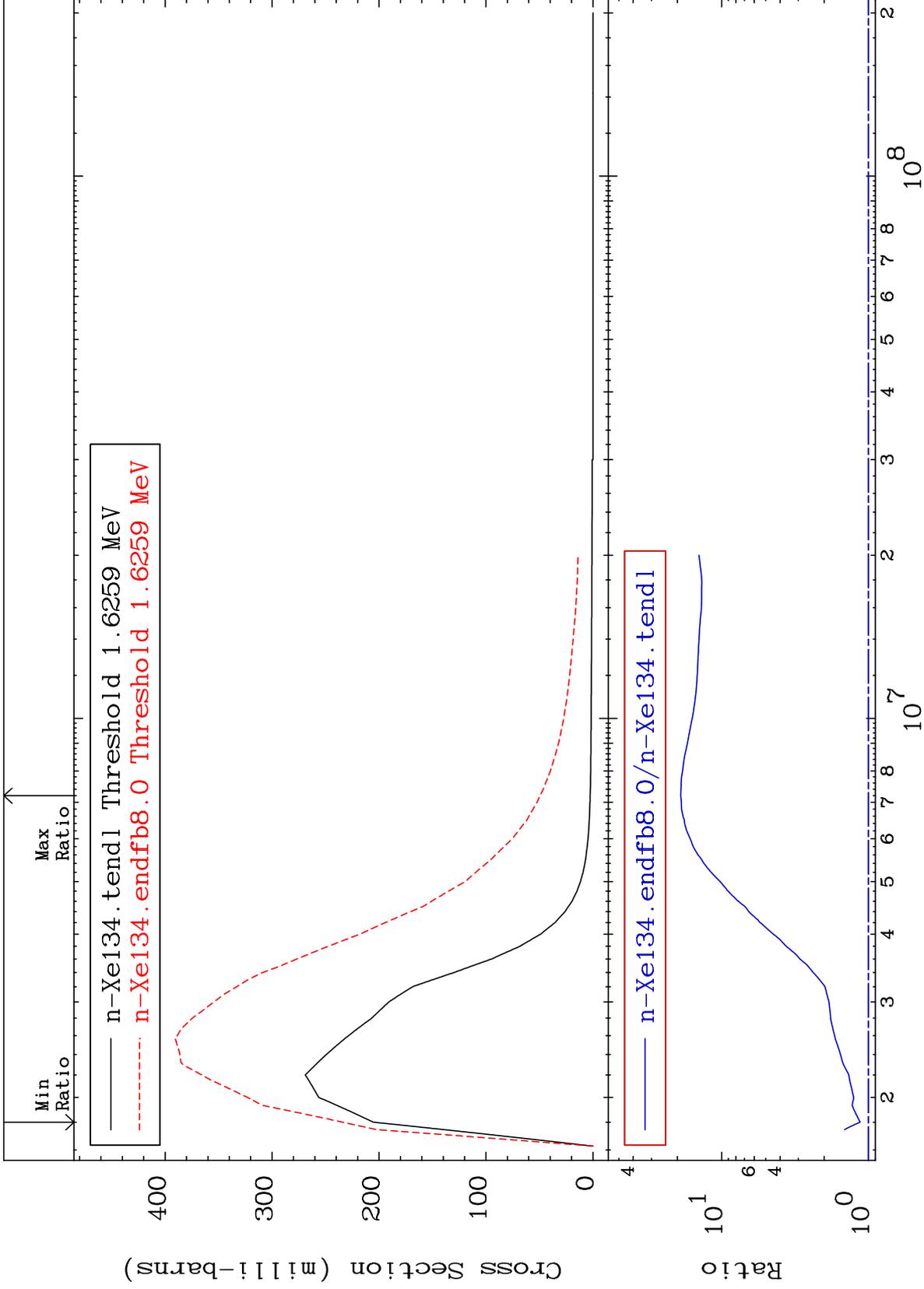
Incident Energy (eV)

54-Xe-134

MAT 5455

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

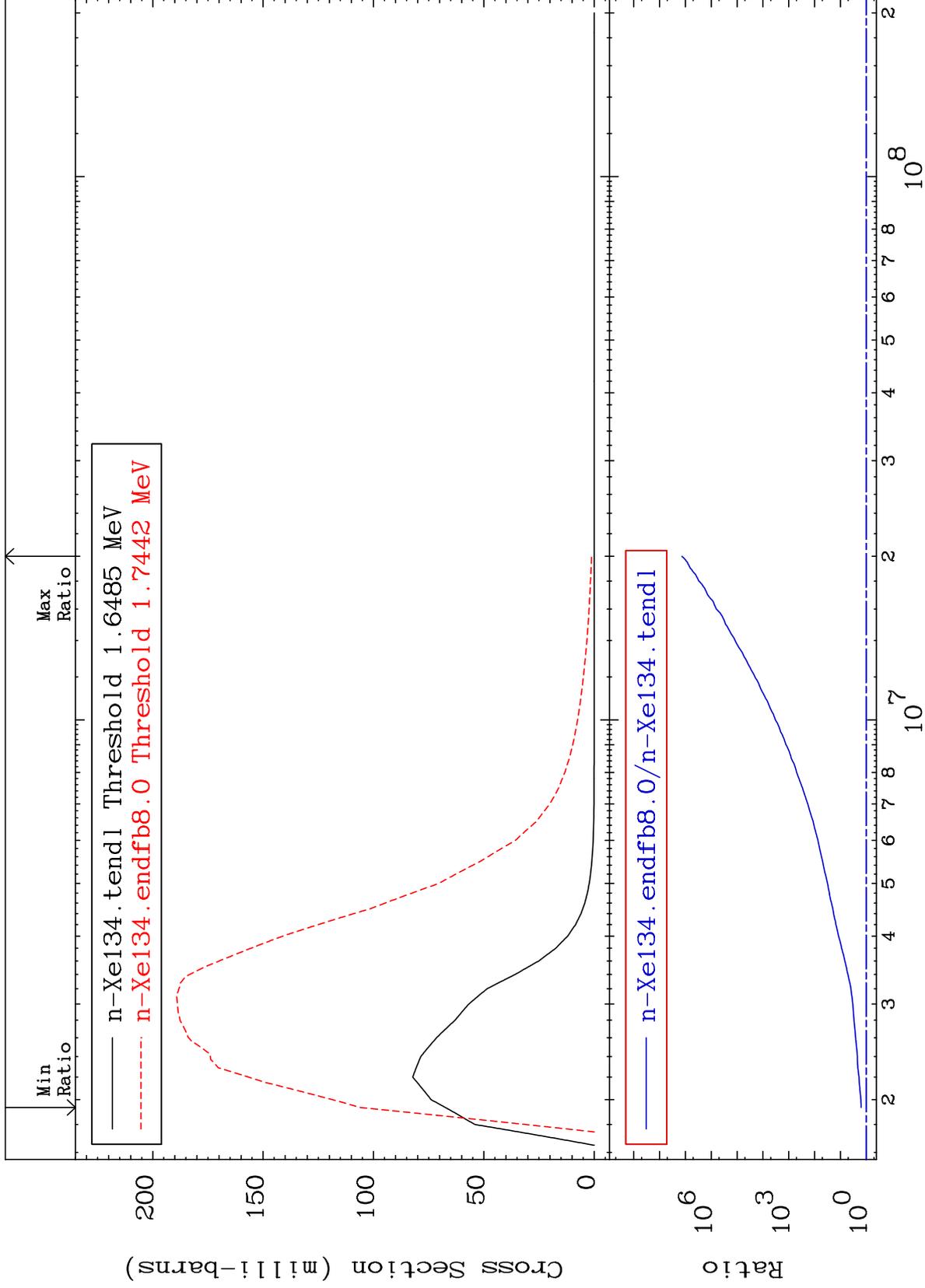
54-Xe-134  
14.01 To 1795. %



MAT 5455

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

54-Xe-134  
57.37 To 9999. %



10

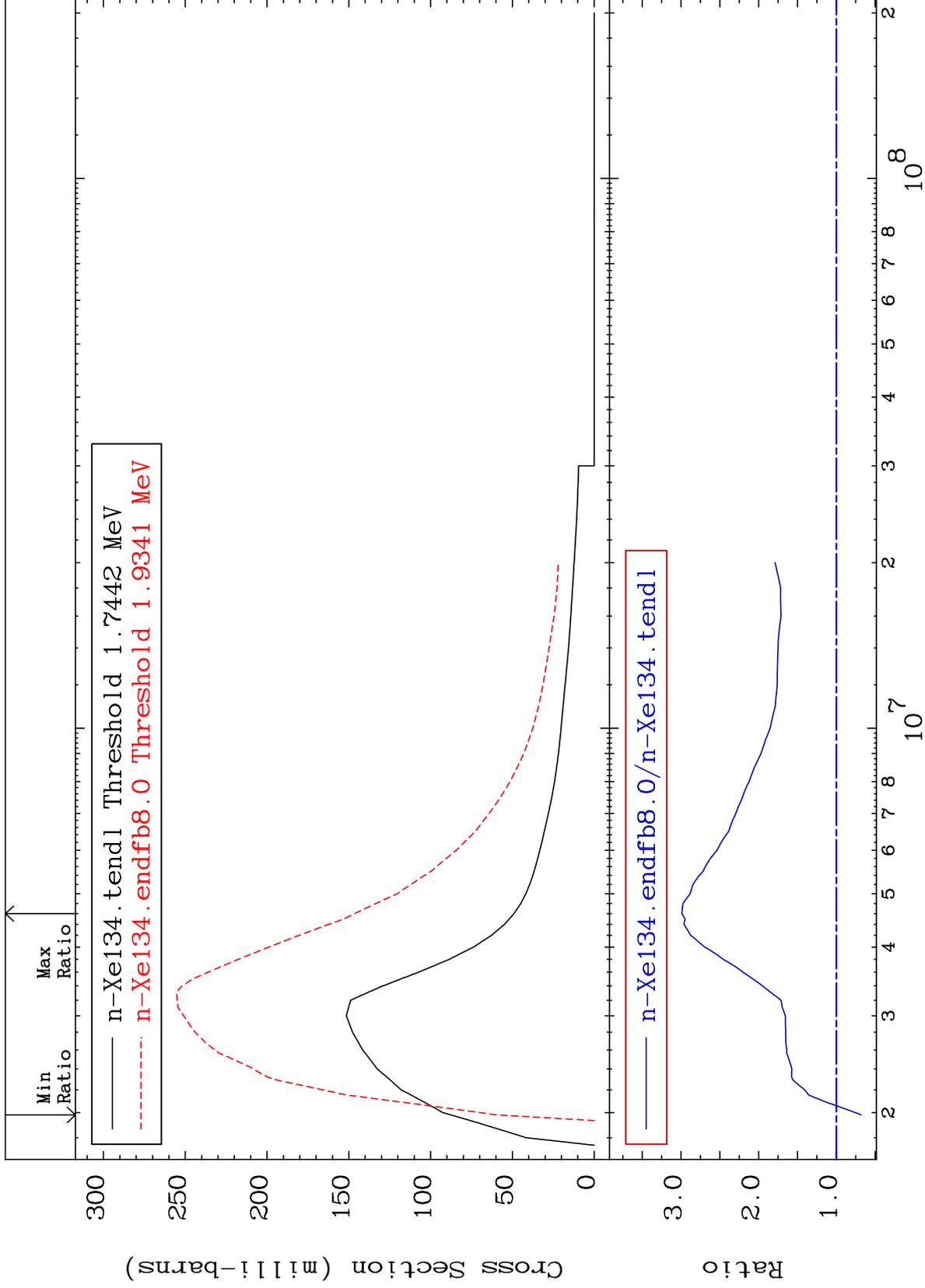
Incident Energy (eV)

54-Xe-134

MAT 5455

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

54-Xe-134  
-32.04 To 198.8 %



11

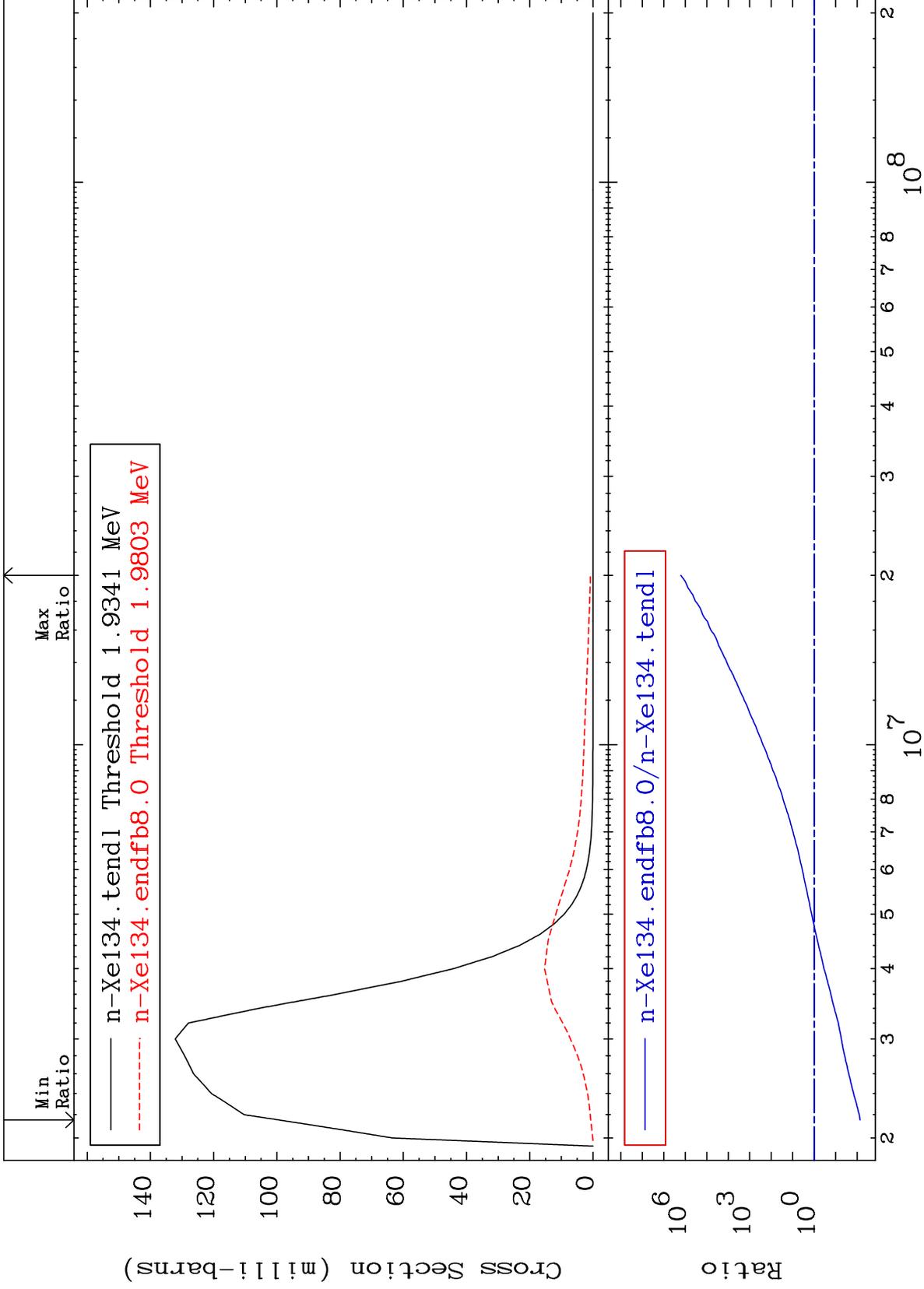
Incident Energy (eV)

54-Xe-134

MAT 5455

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

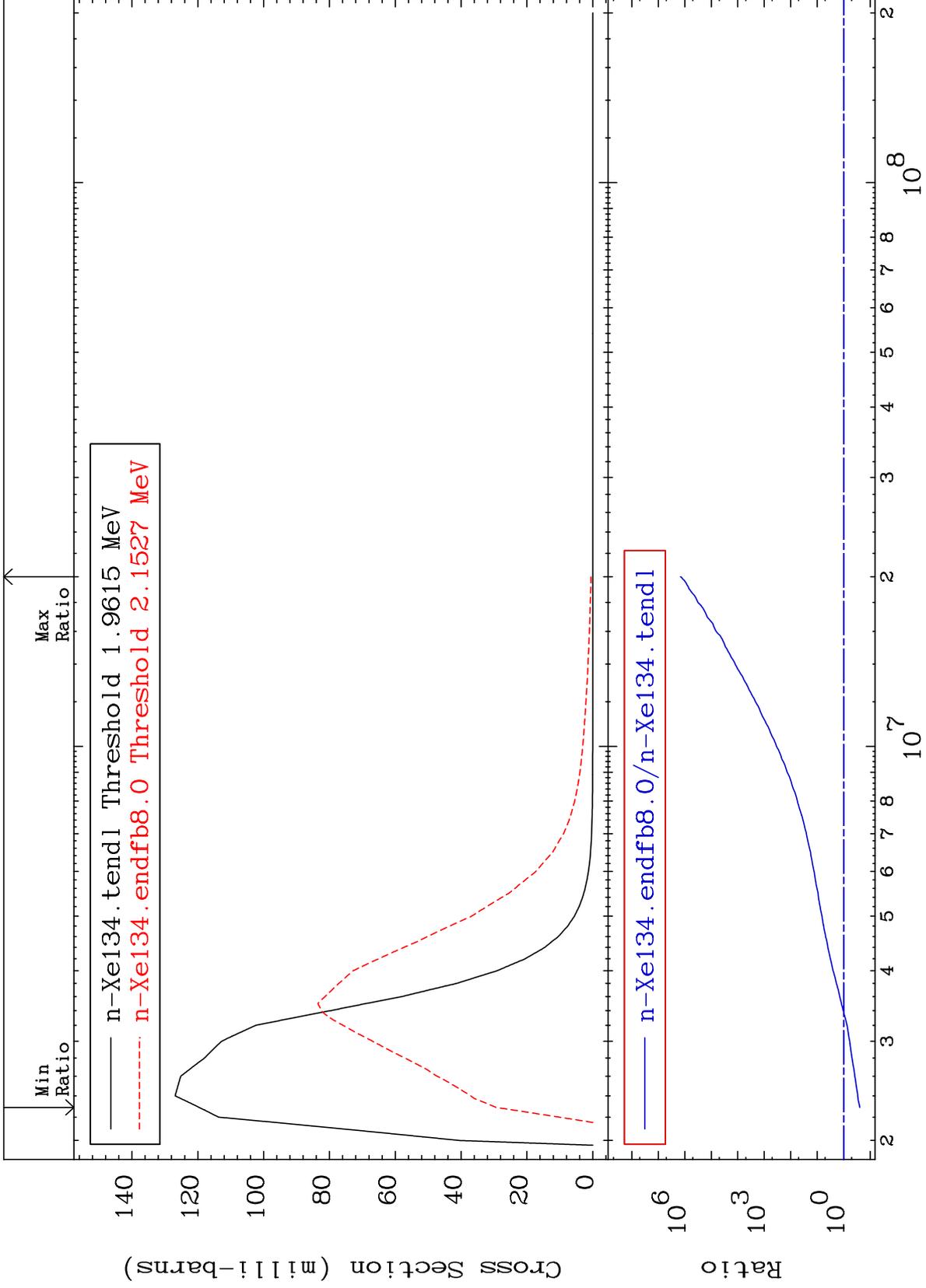
54-Xe-134  
-99.28 To 9999. %



MAT 5455

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

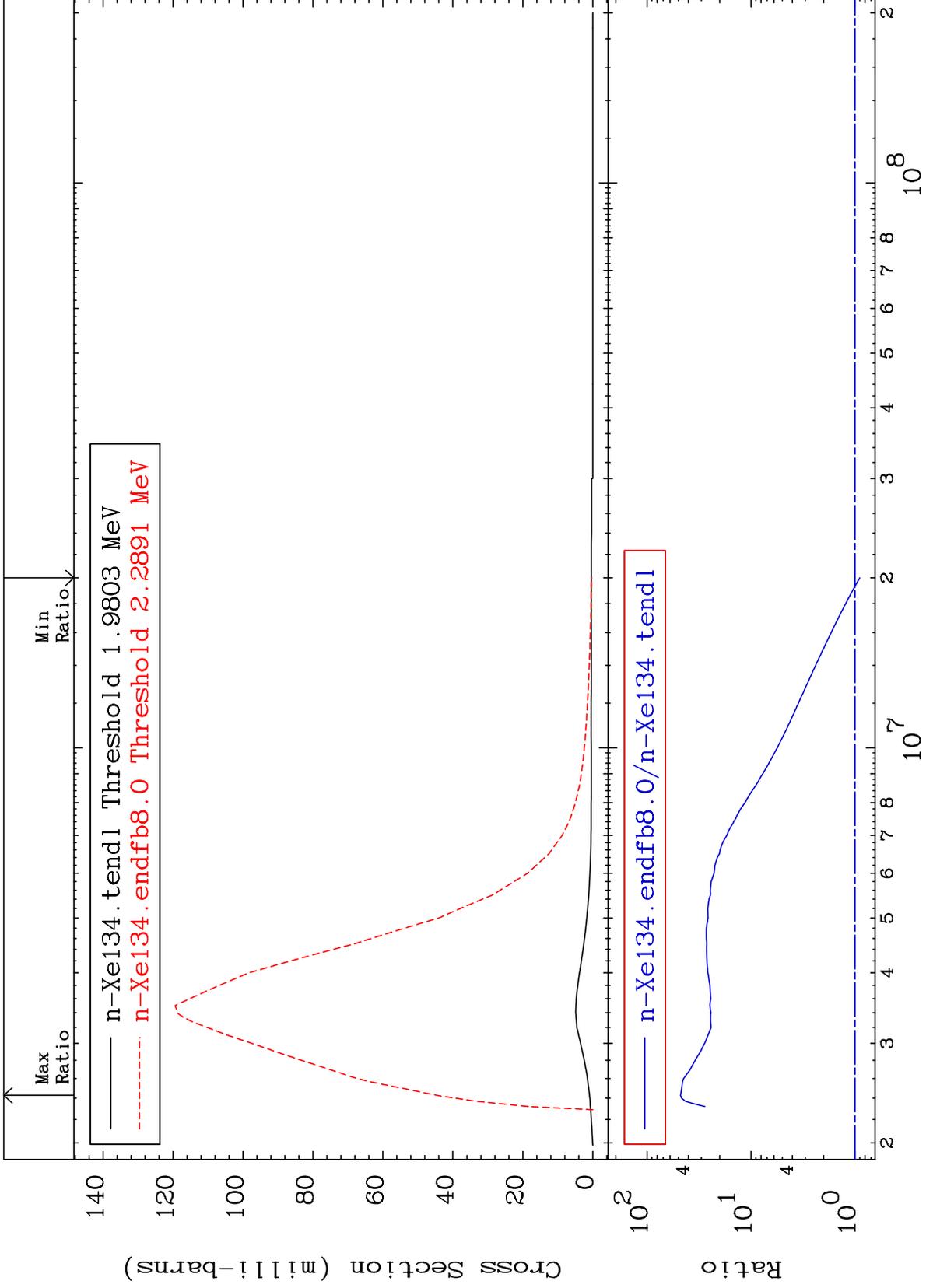
54-Xe-134  
-75.41 To 9999. %



MAT 5455

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

54-Xe-134  
-10.17 To 4664. %



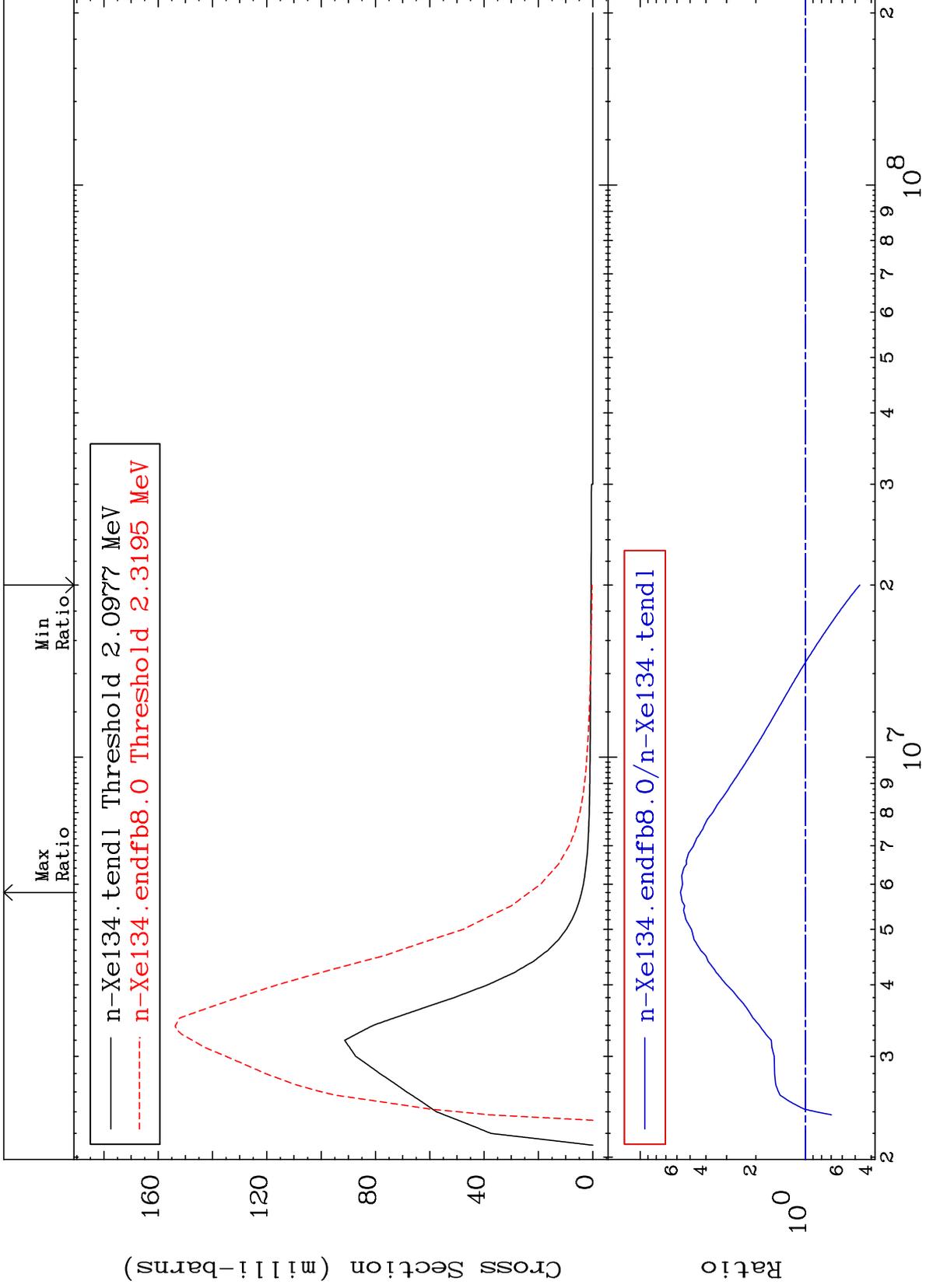
14

54-Xe-134

MAT 5455

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

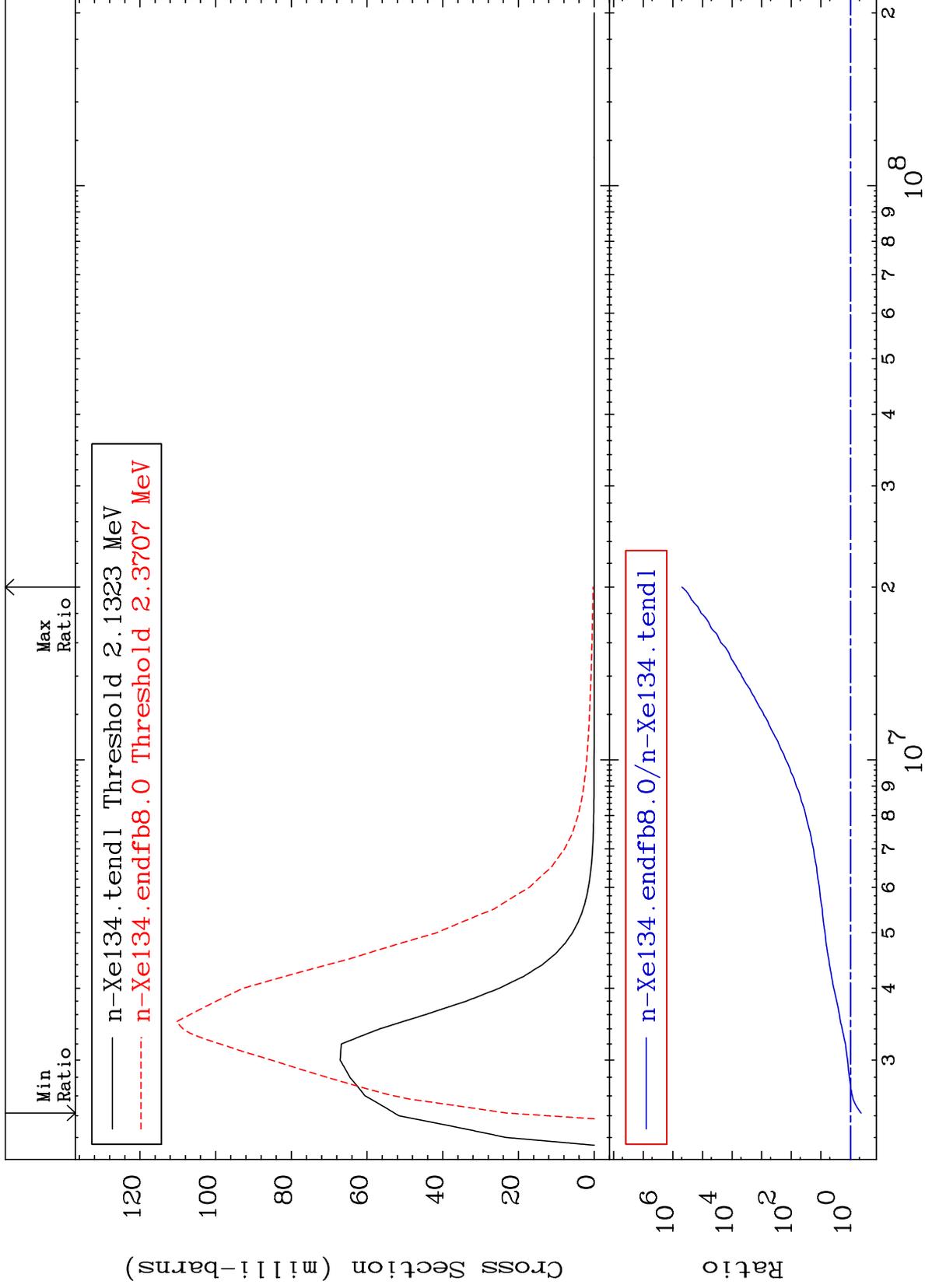
54-Xe-134  
-53.07 To 470.8 %



MAT 5455

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

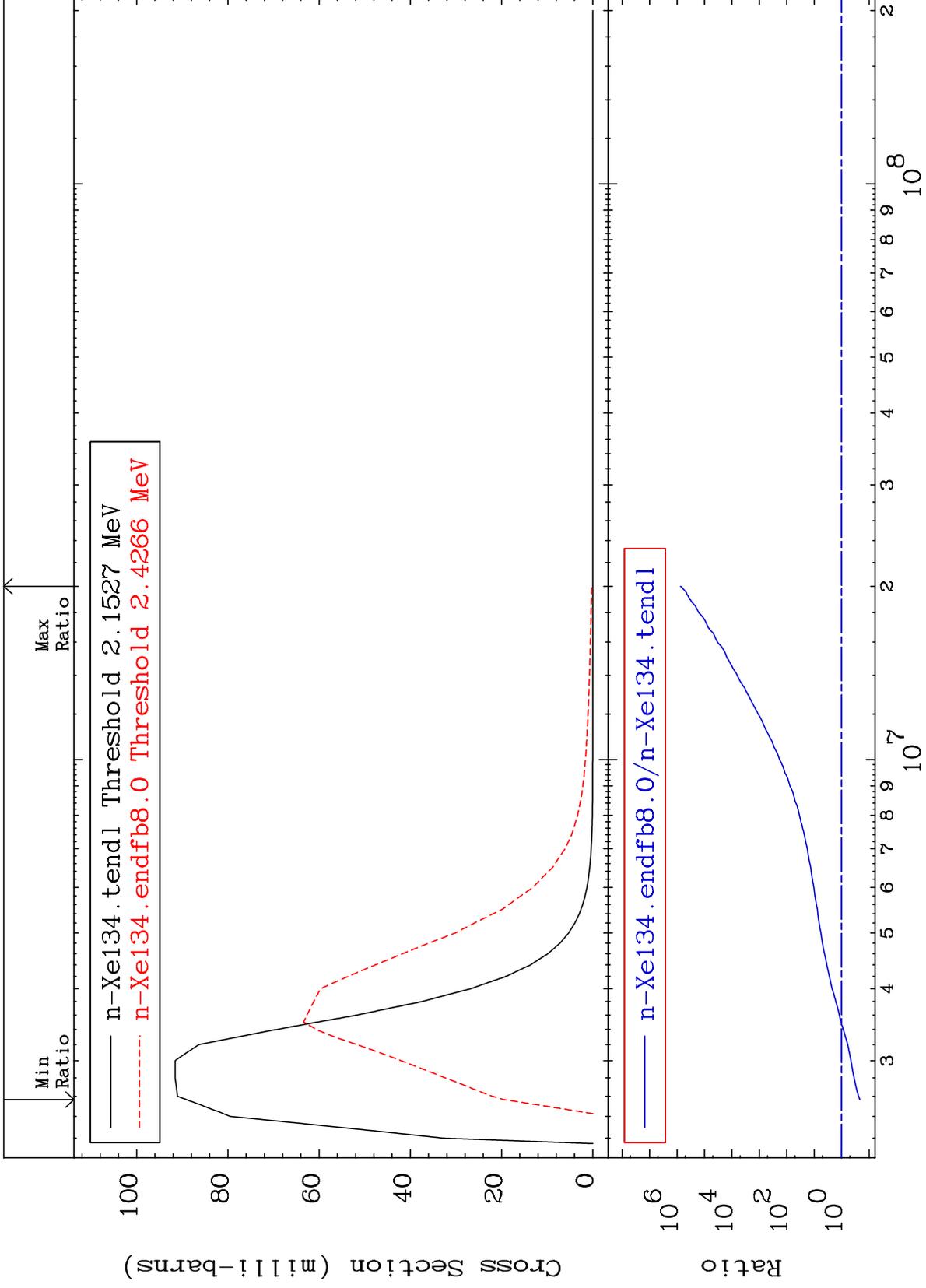
54-Xe-134  
-56.00 To 9999. %



MAT 5455

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

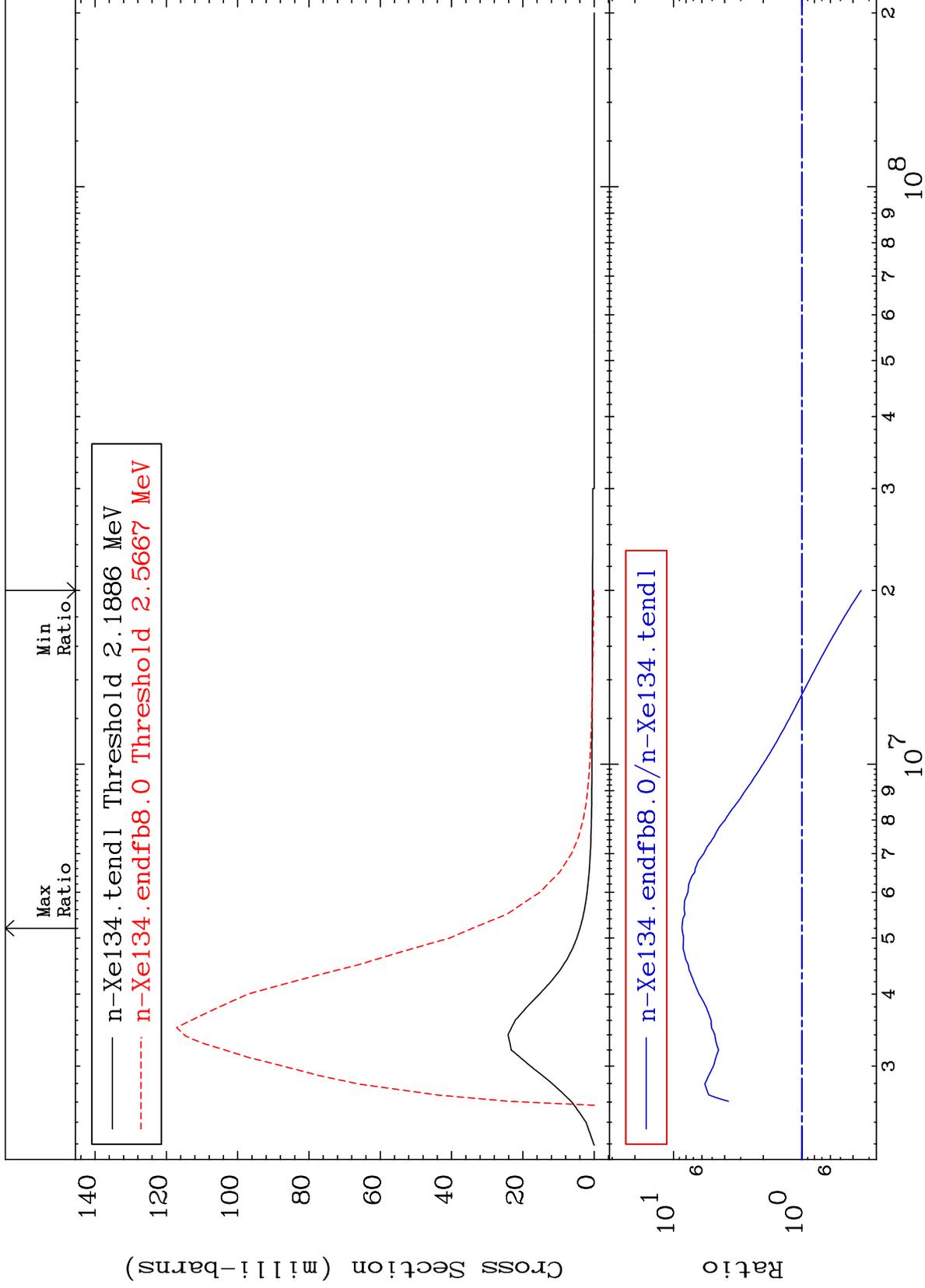
54-Xe-134  
-78.15 To 9999. %



MAT 5455

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

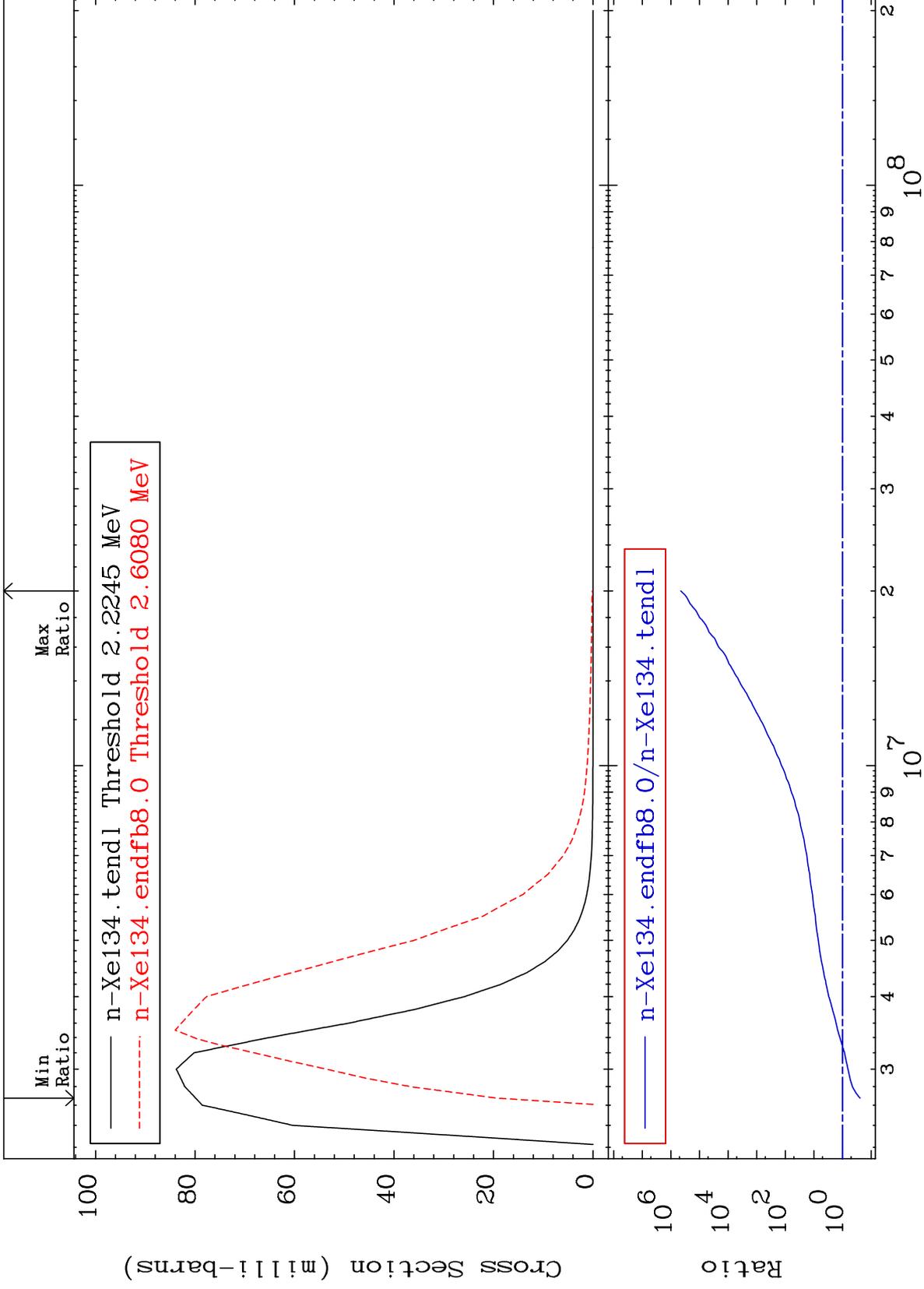
54-Xe-134  
-65.42 To 759.9 %



MAT 5455

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

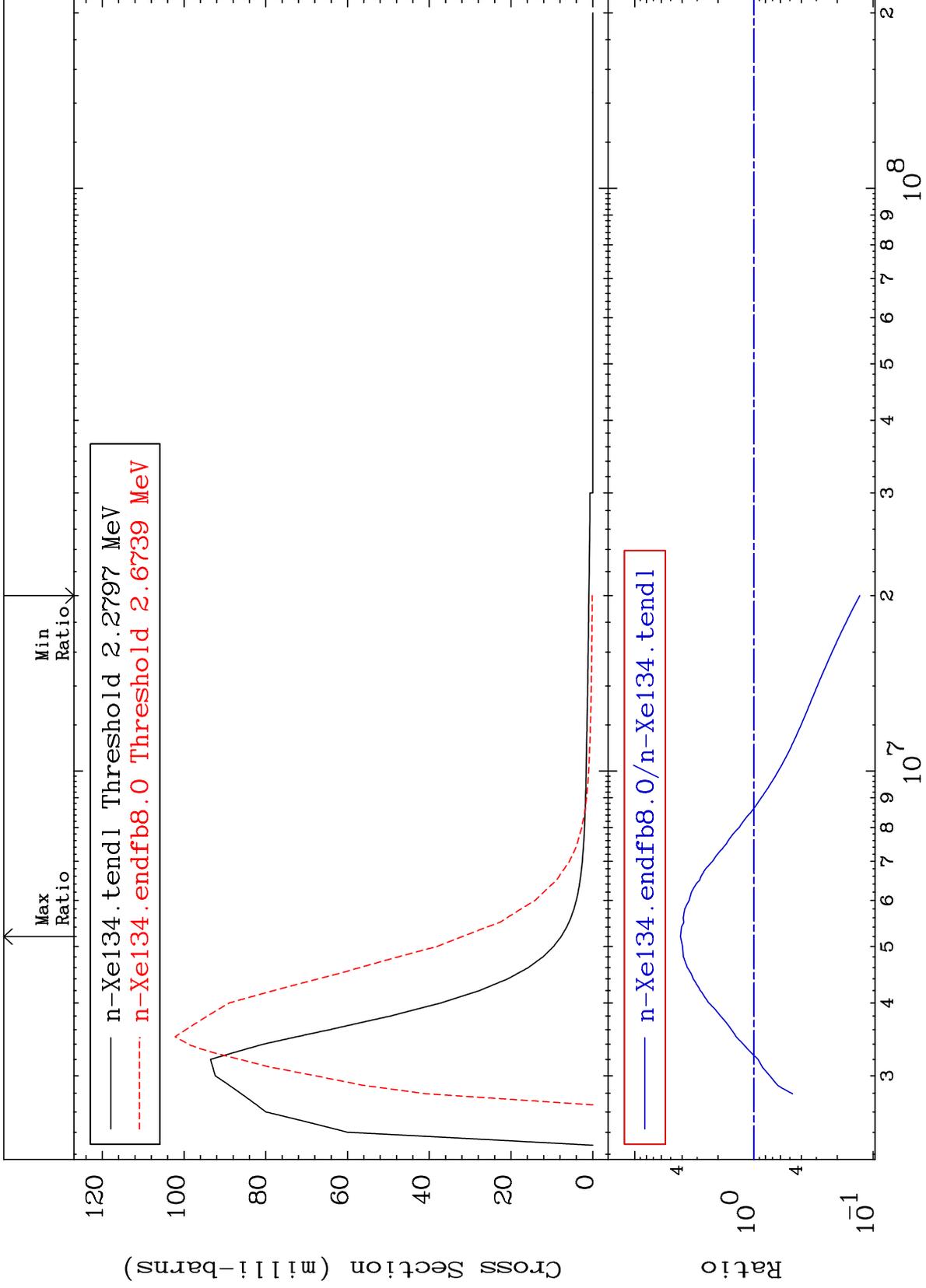
54-Xe-134  
-75.73 To 9999. %



MAT 5455

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

54-Xe-134  
-87.06 To 313.5 %



20

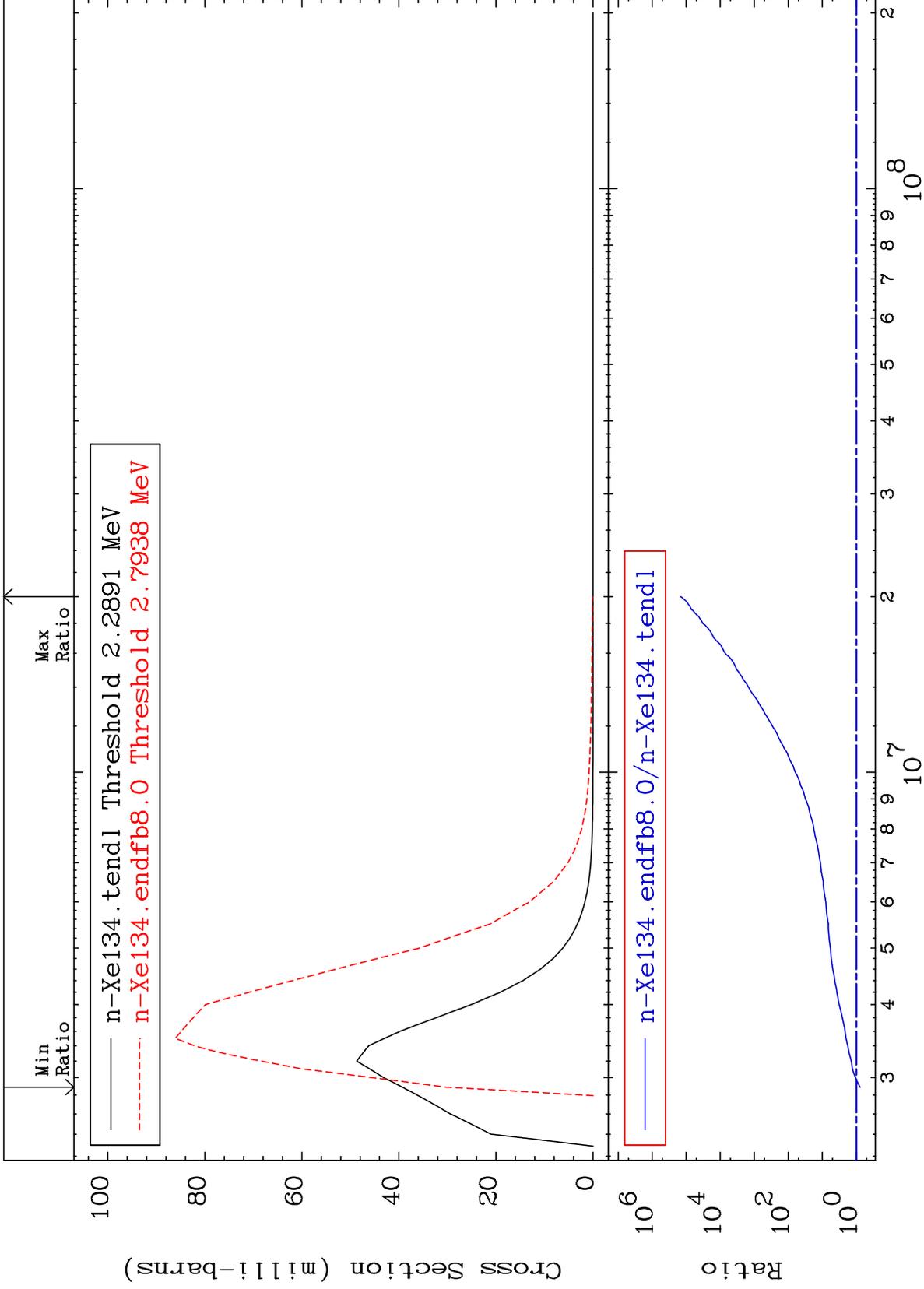
Incident Energy (eV)

54-Xe-134

MAT 5455

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

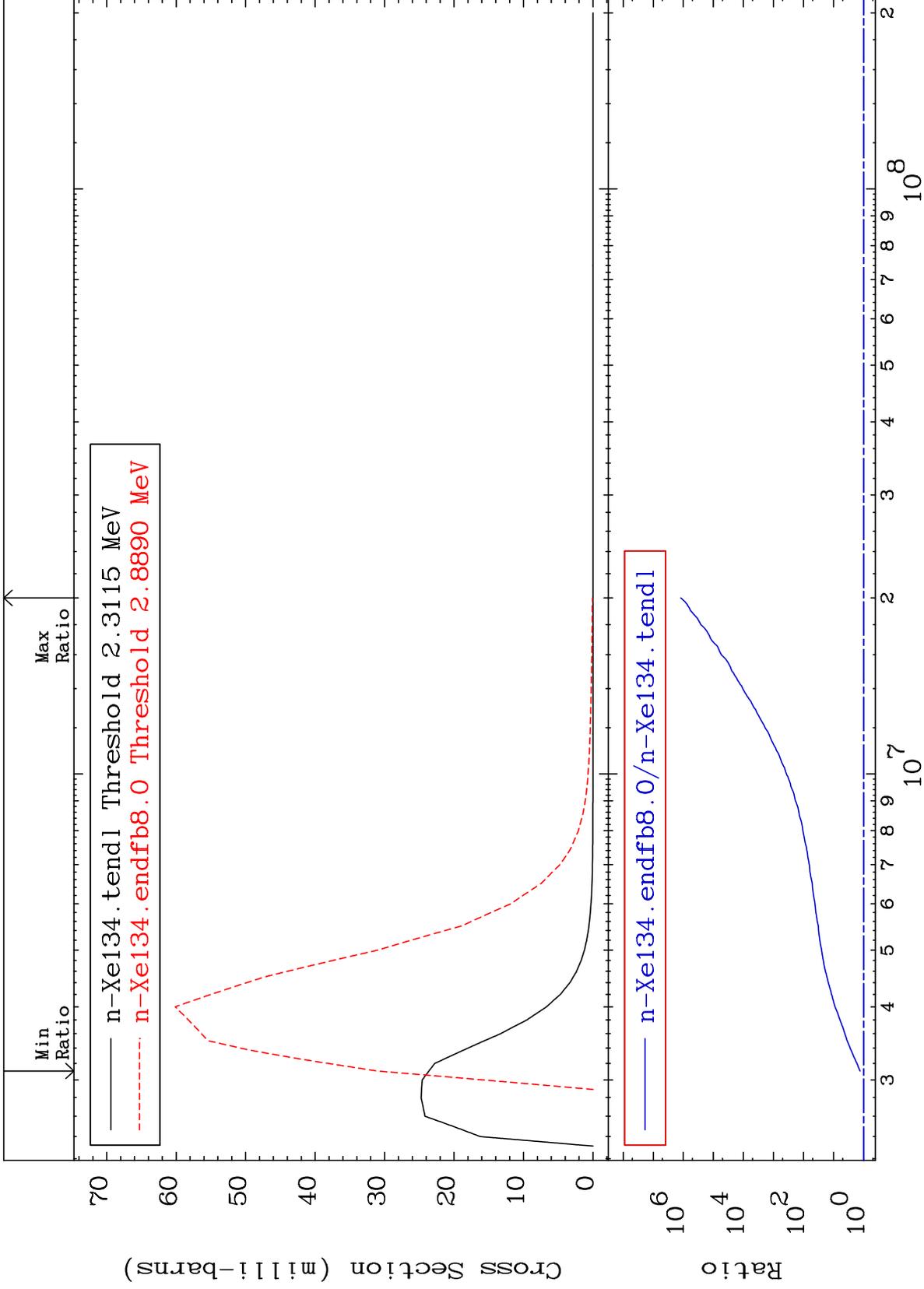
54-Xe-134  
-22.82 To 9999. %



MAT 5455

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

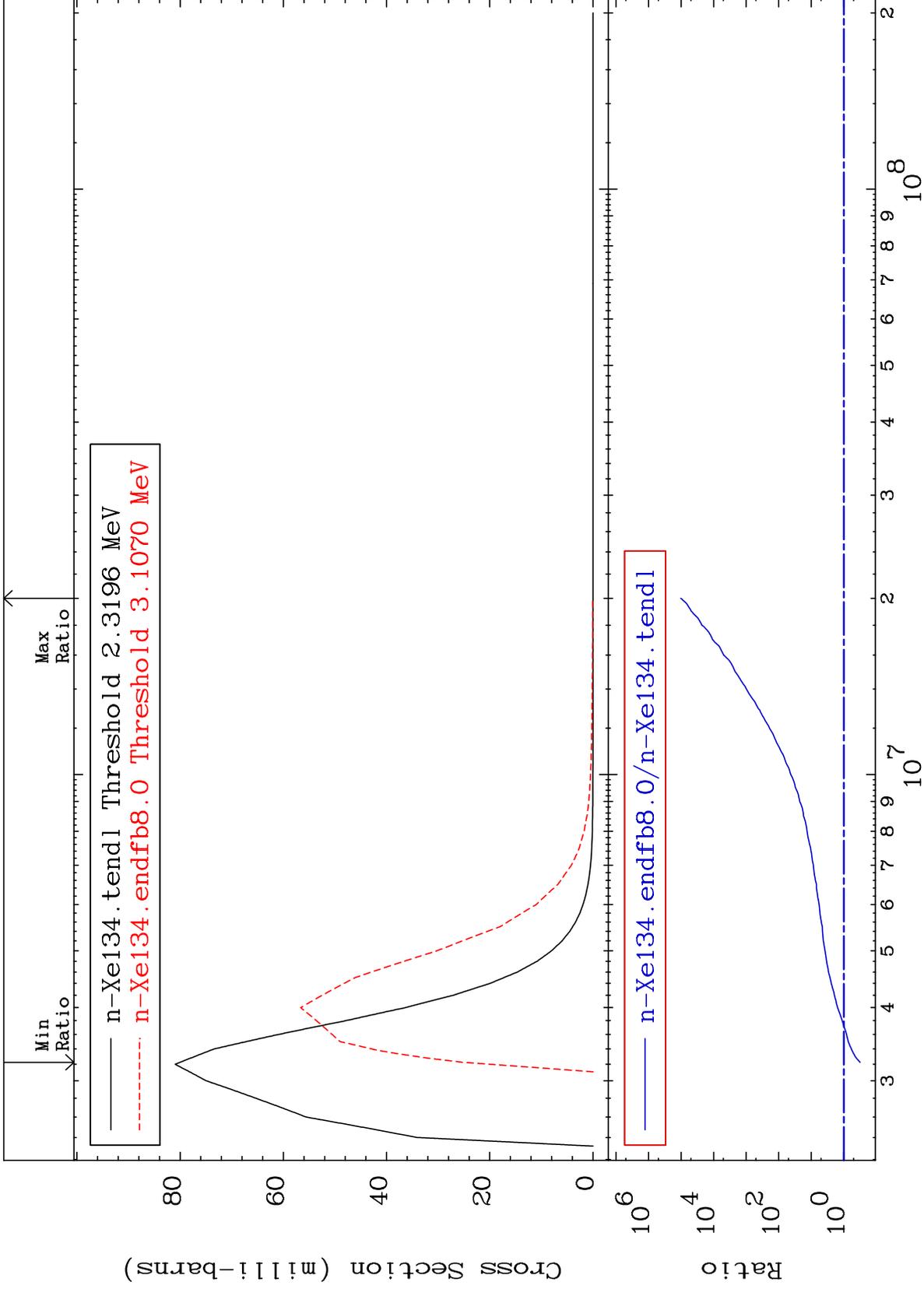
54-Xe-134  
31.80 To 9999. %



MAT 5455

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

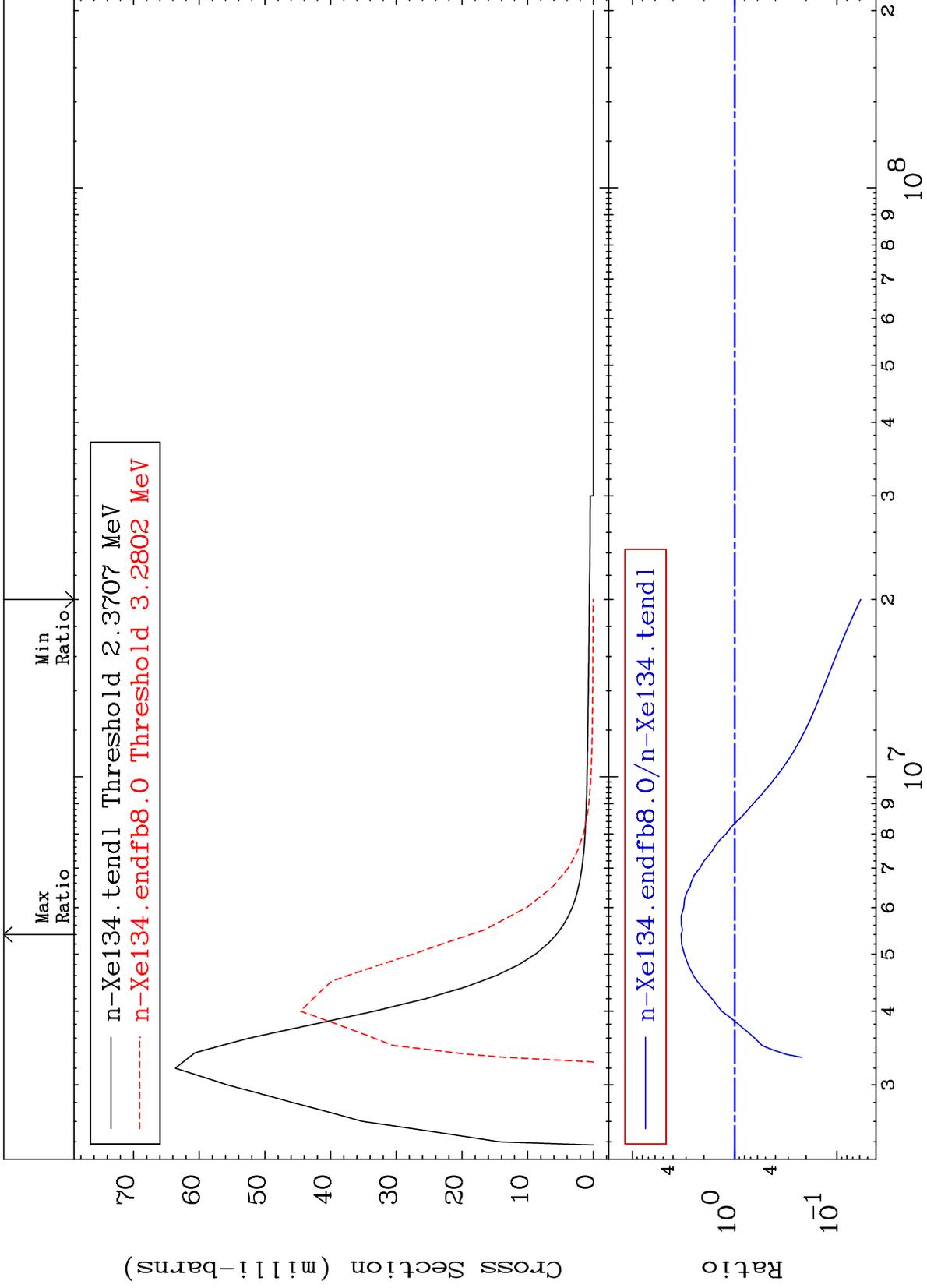
54-Xe-134  
-68.36 To 9999. %



MAT 5455

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

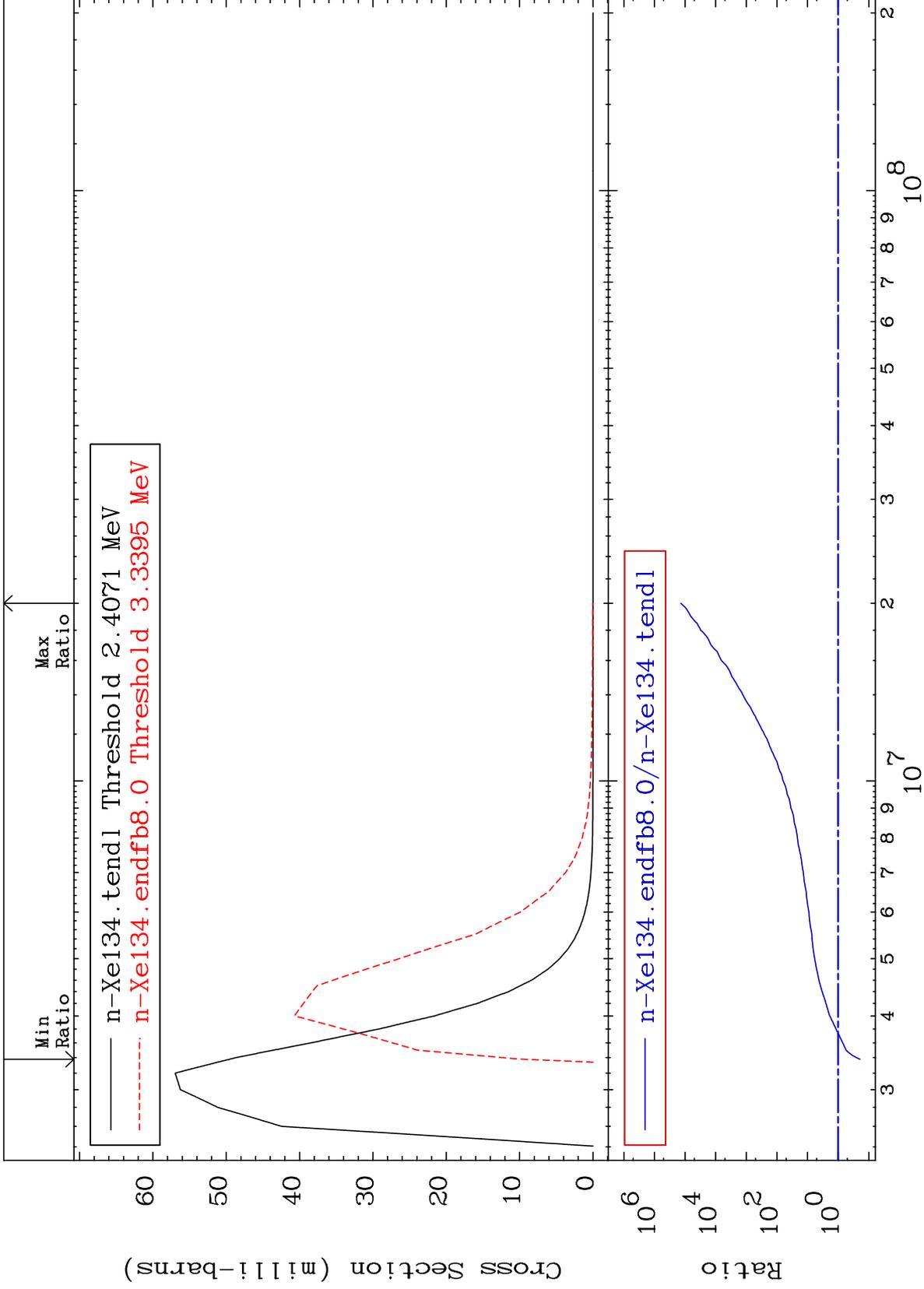
54-Xe-134  
-94.15 To 233.3 %



MAT 5455

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

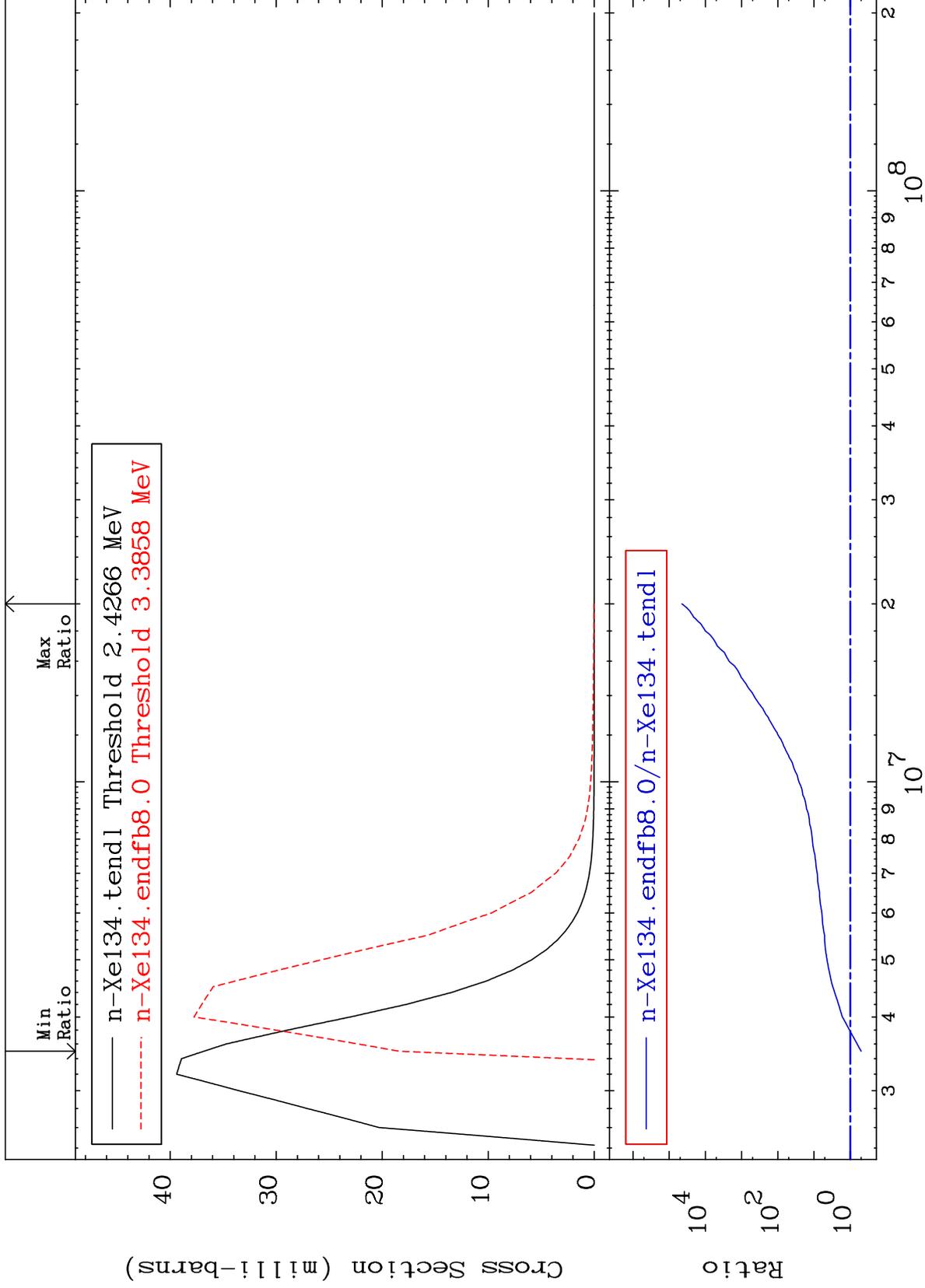
54-Xe-134  
-80.81 To 9999. %

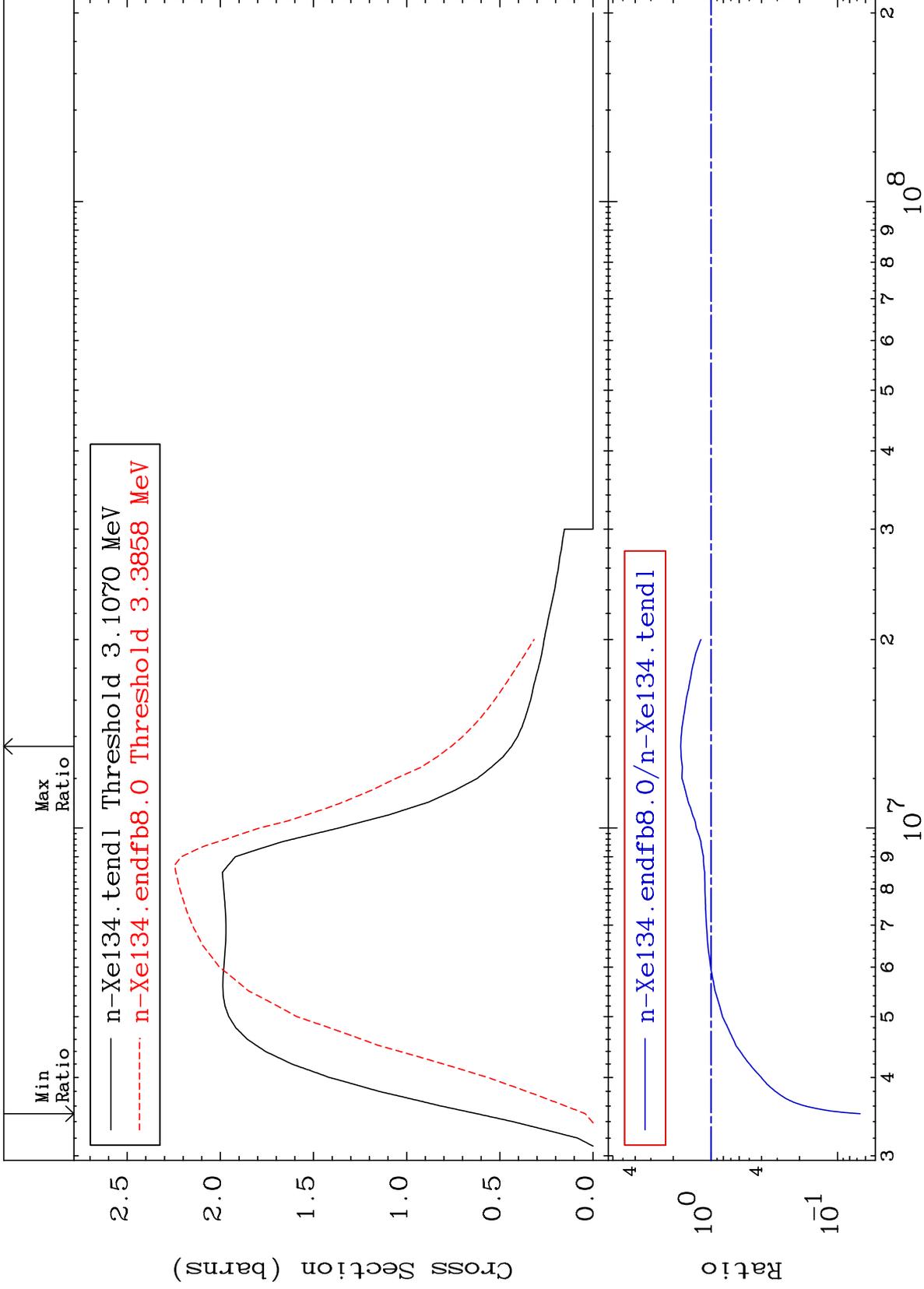


MAT 5455

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

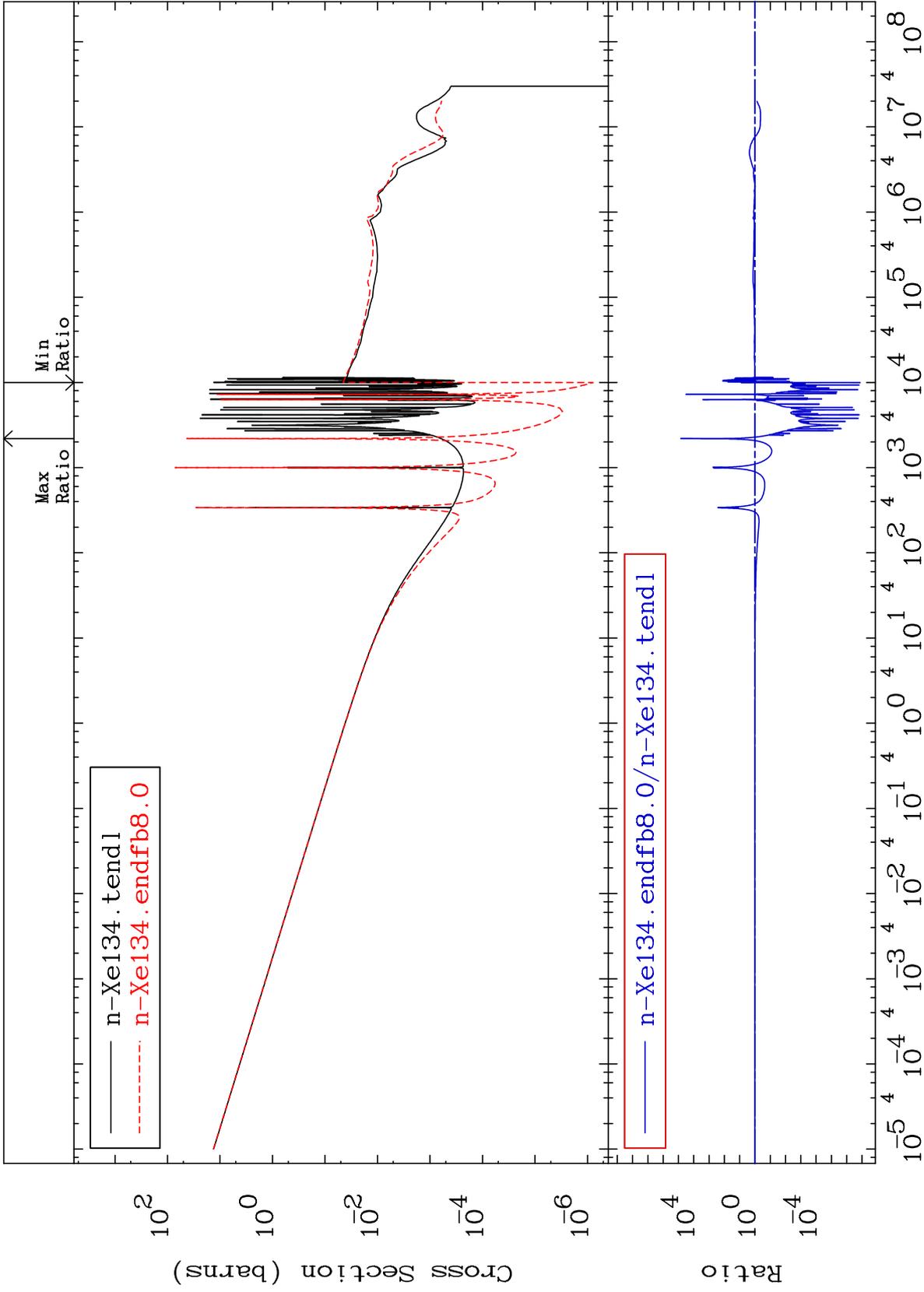
54-Xe-134  
-50.06 To 9999. %





MAT 5455

(n,  $\gamma$ )  
Cross Section  
54-Xe-134  
-100.0 To 9999. %

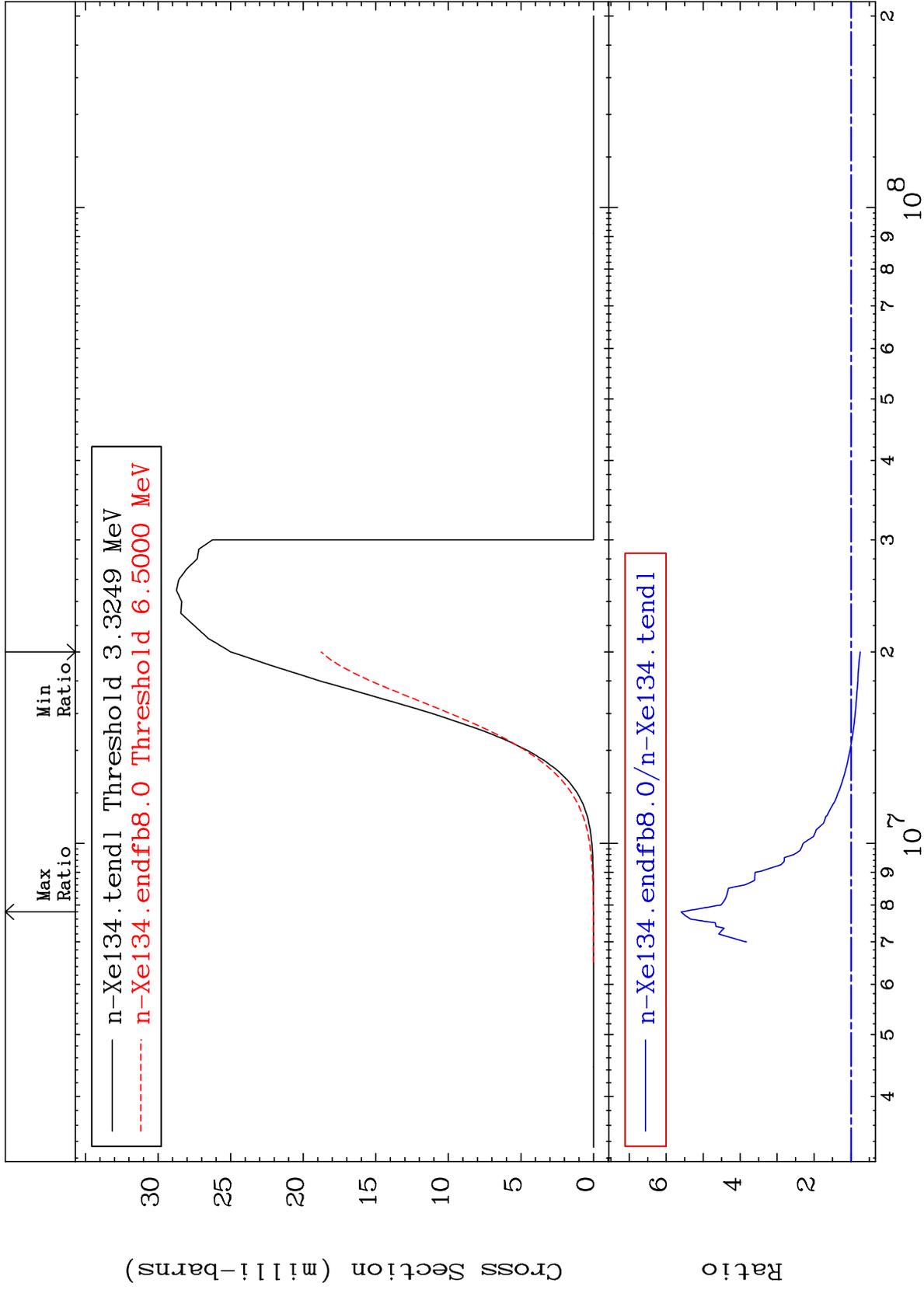


MAT 5455

54-Xe-134

-24.94 To 459.5 %

(n,p)  
Cross Section



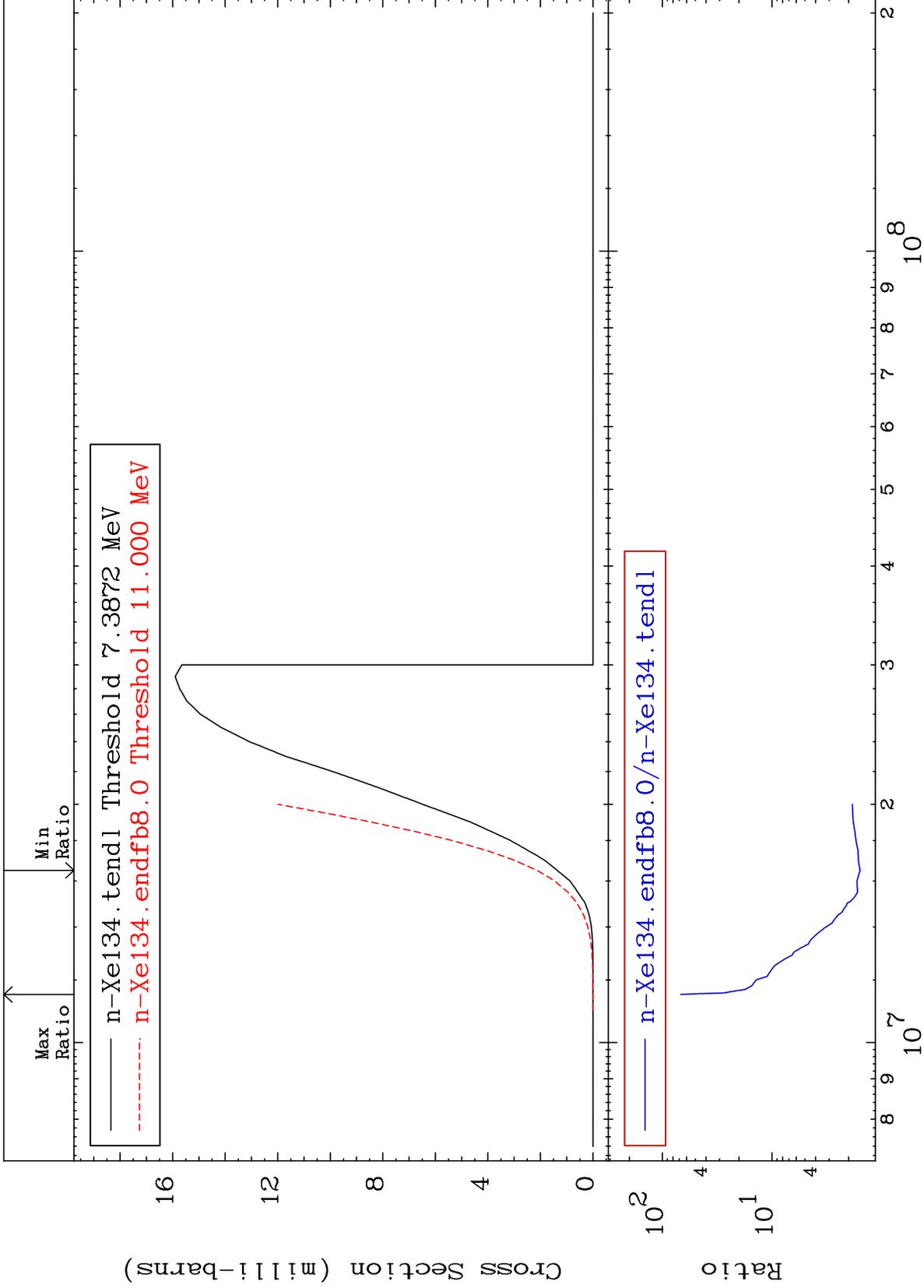
MAT 5455

(n, d)

54-Xe-134

Cross Section

56.76 To 6690. %



30

Incident Energy (eV)

54-Xe-134

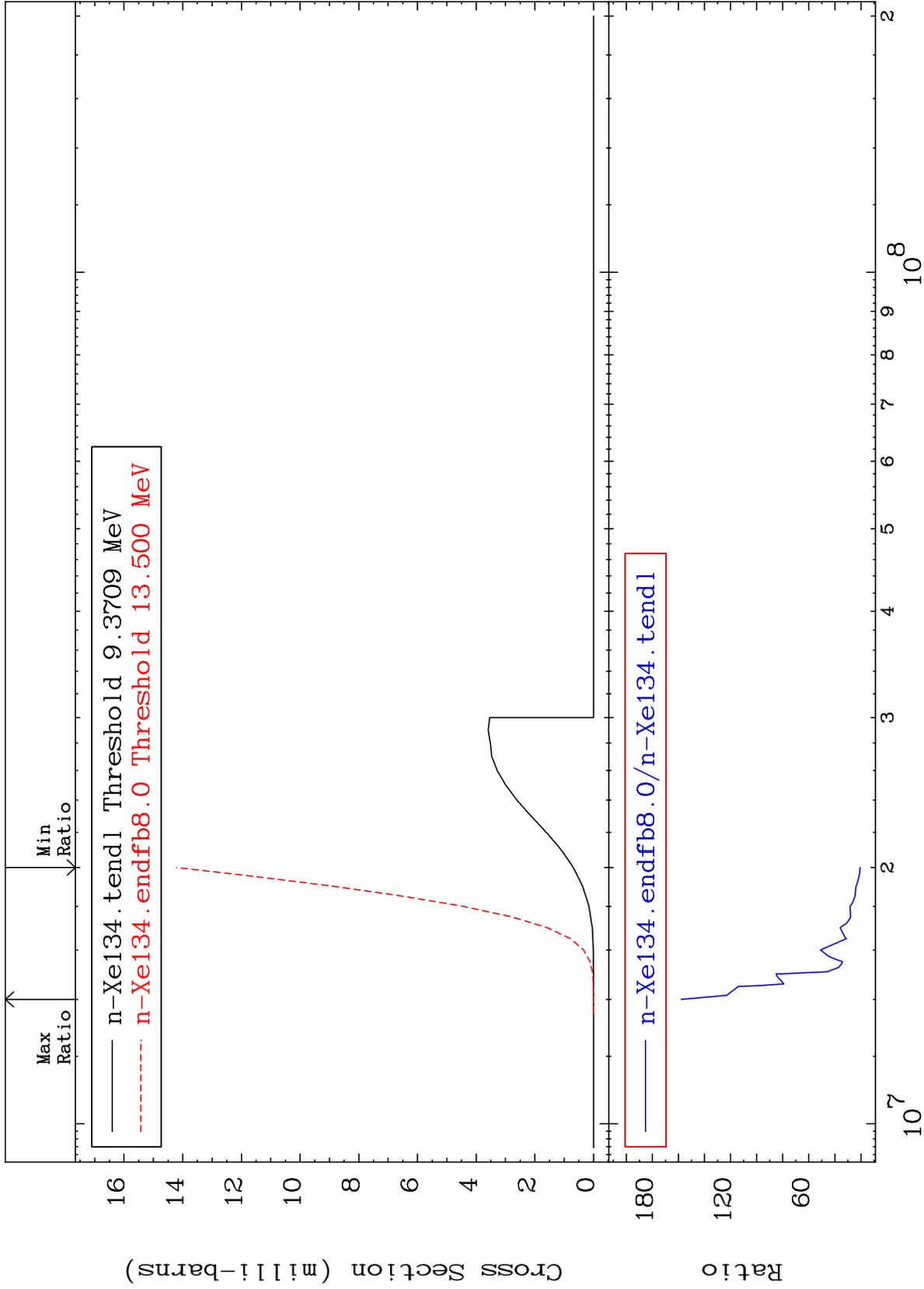
MAT 5455

(n, t)

54-Xe-134

Cross Section

1957. To 9999. %



31

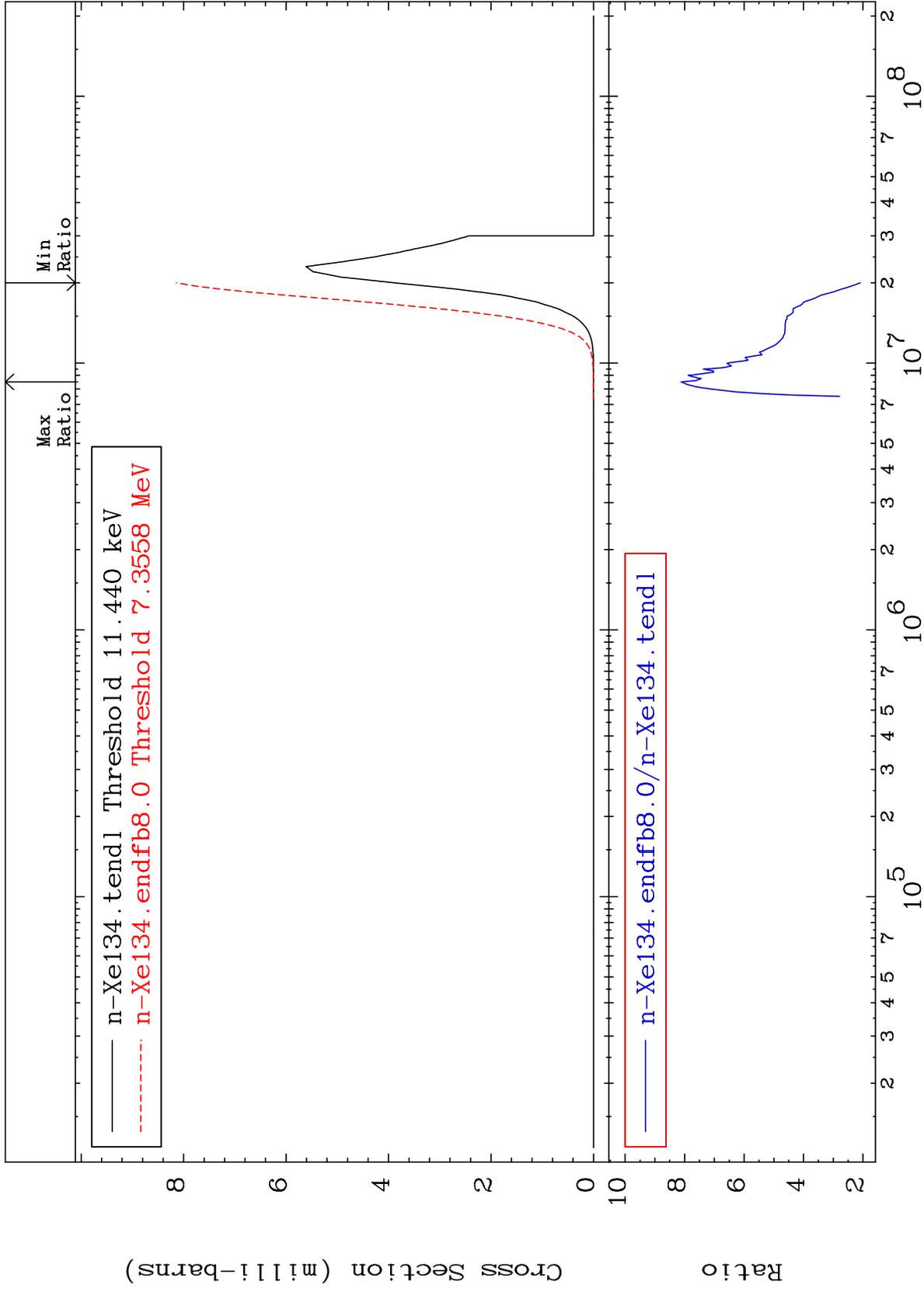
Incident Energy (eV)

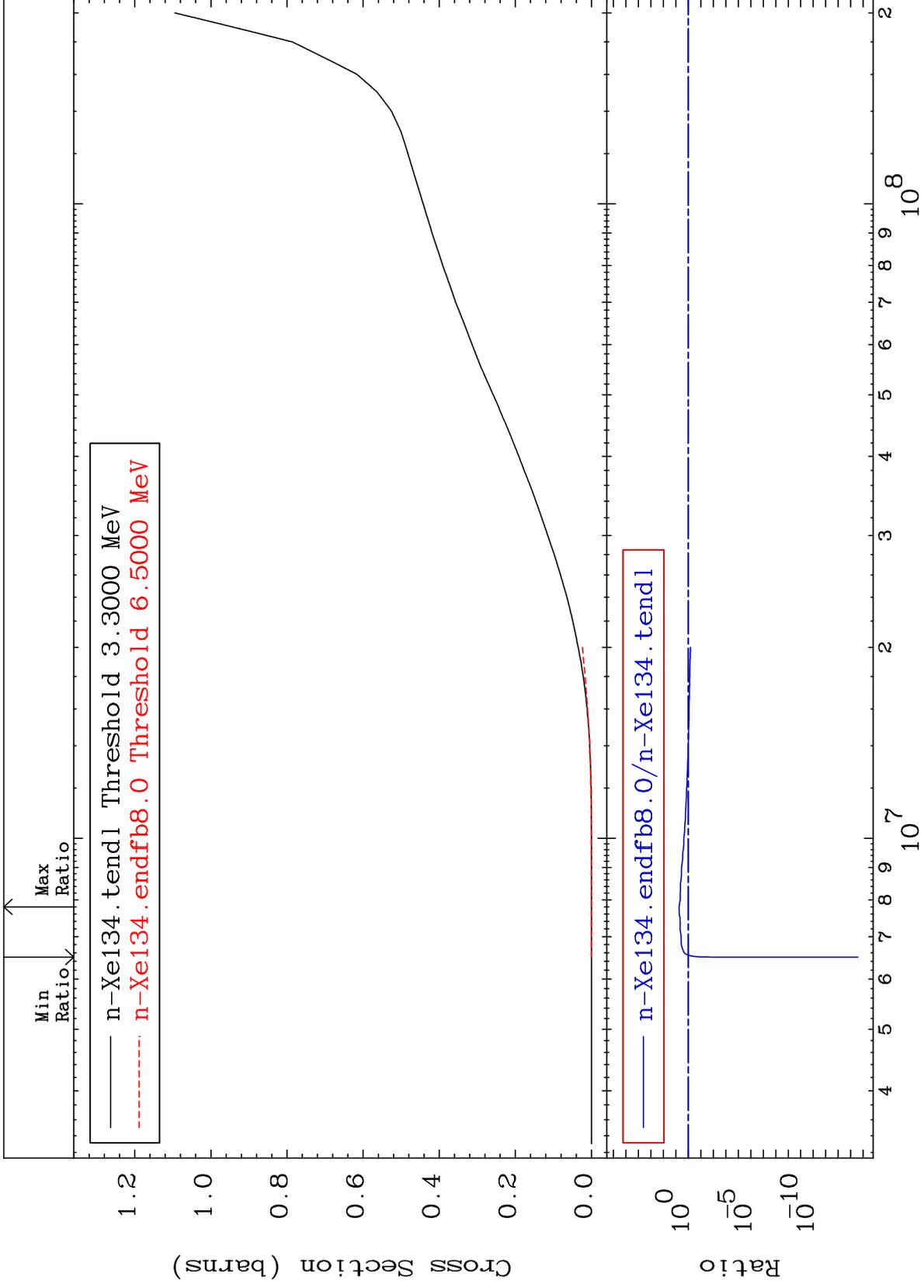
54-Xe-134

MAT 5455

(n,  $\alpha$ )  
Cross Section

54-Xe-134  
109.3 To 711.6 %

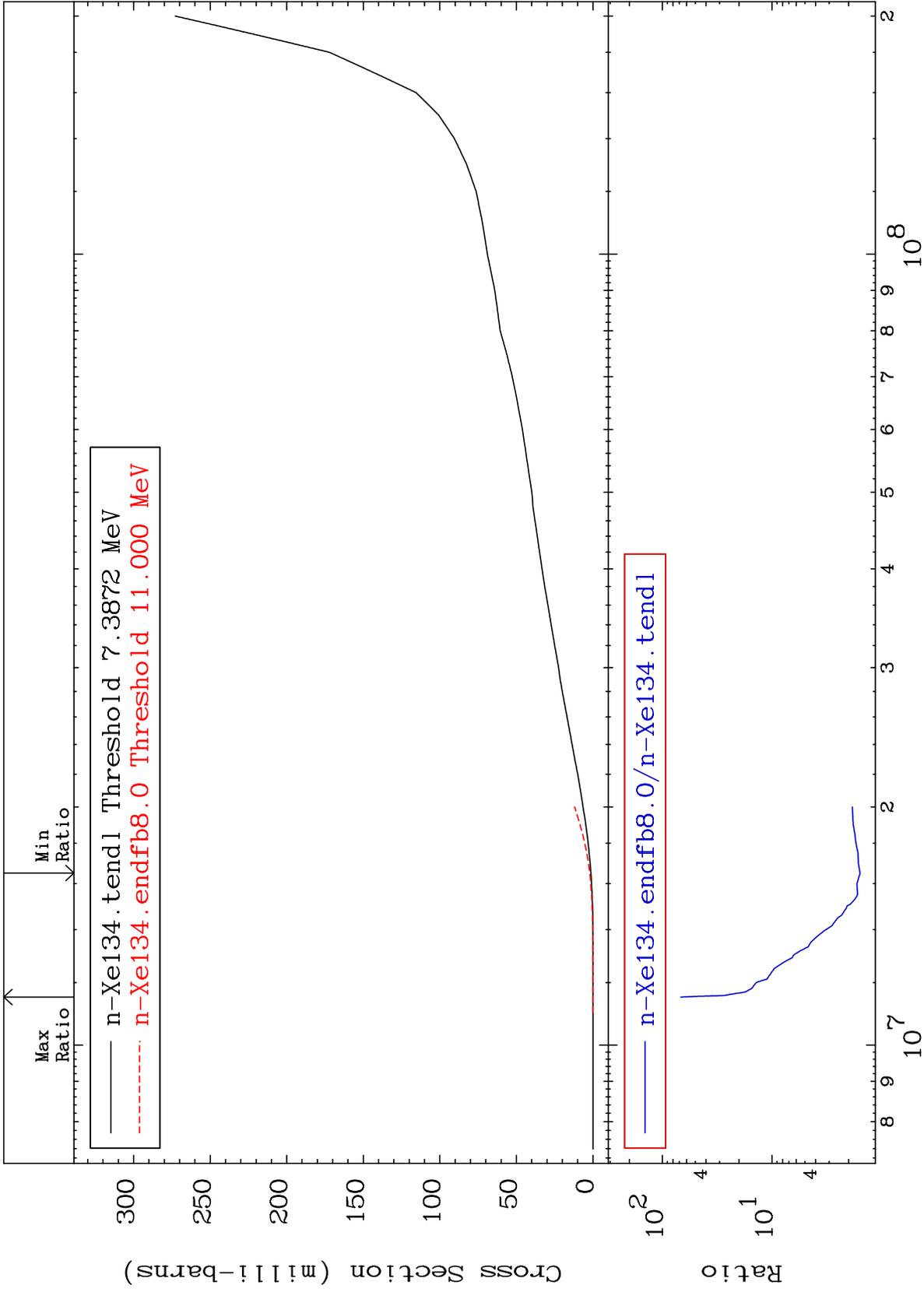




MAT 5455

Deuterium Production  
Cross Section

54-Xe-134  
56.76 To 6690. %



34

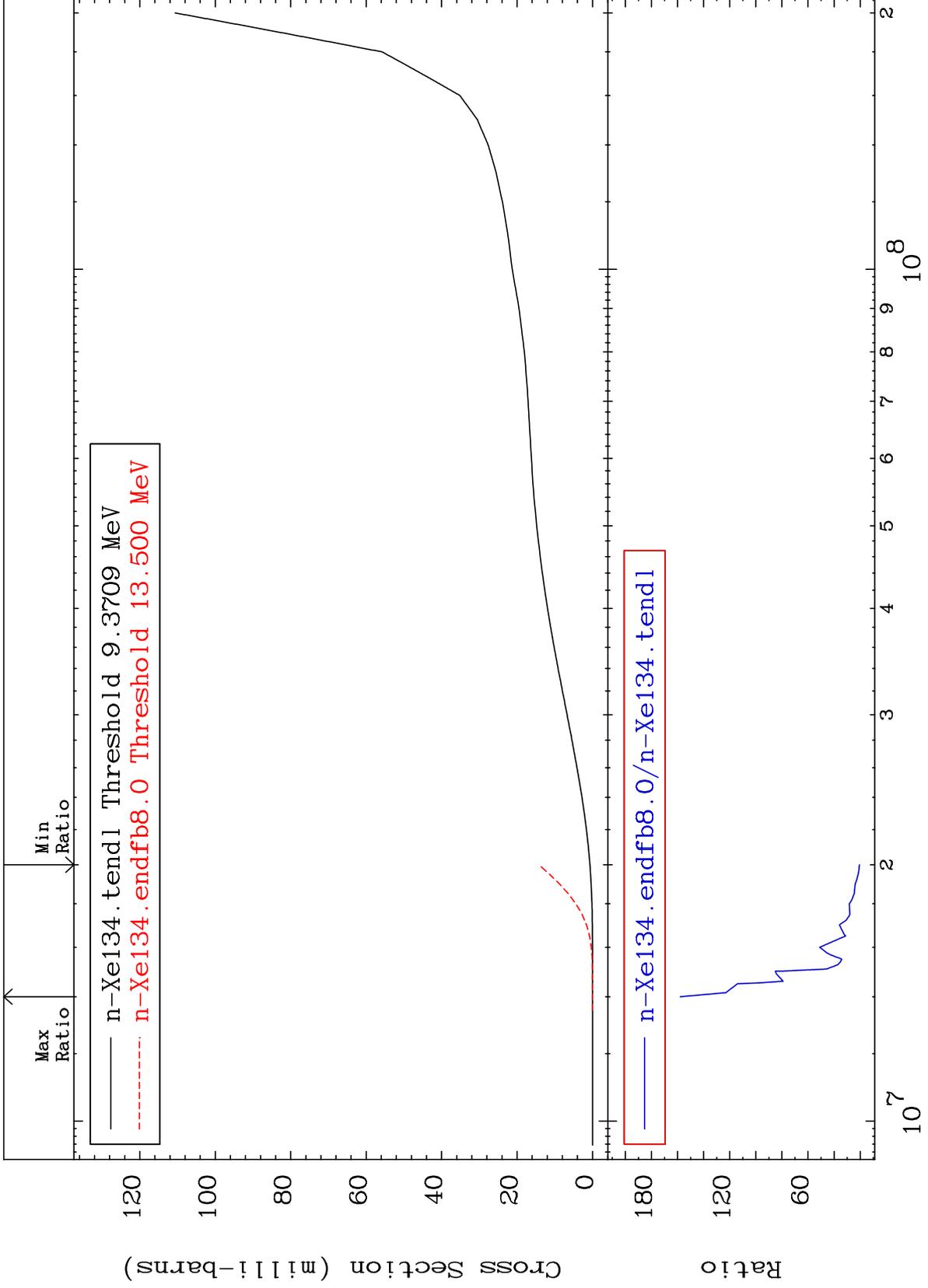
Incident Energy (eV)

54-Xe-134

MAT 5455

Tritium Production  
Cross Section

54-Xe-134  
1957. To 9999. %



35

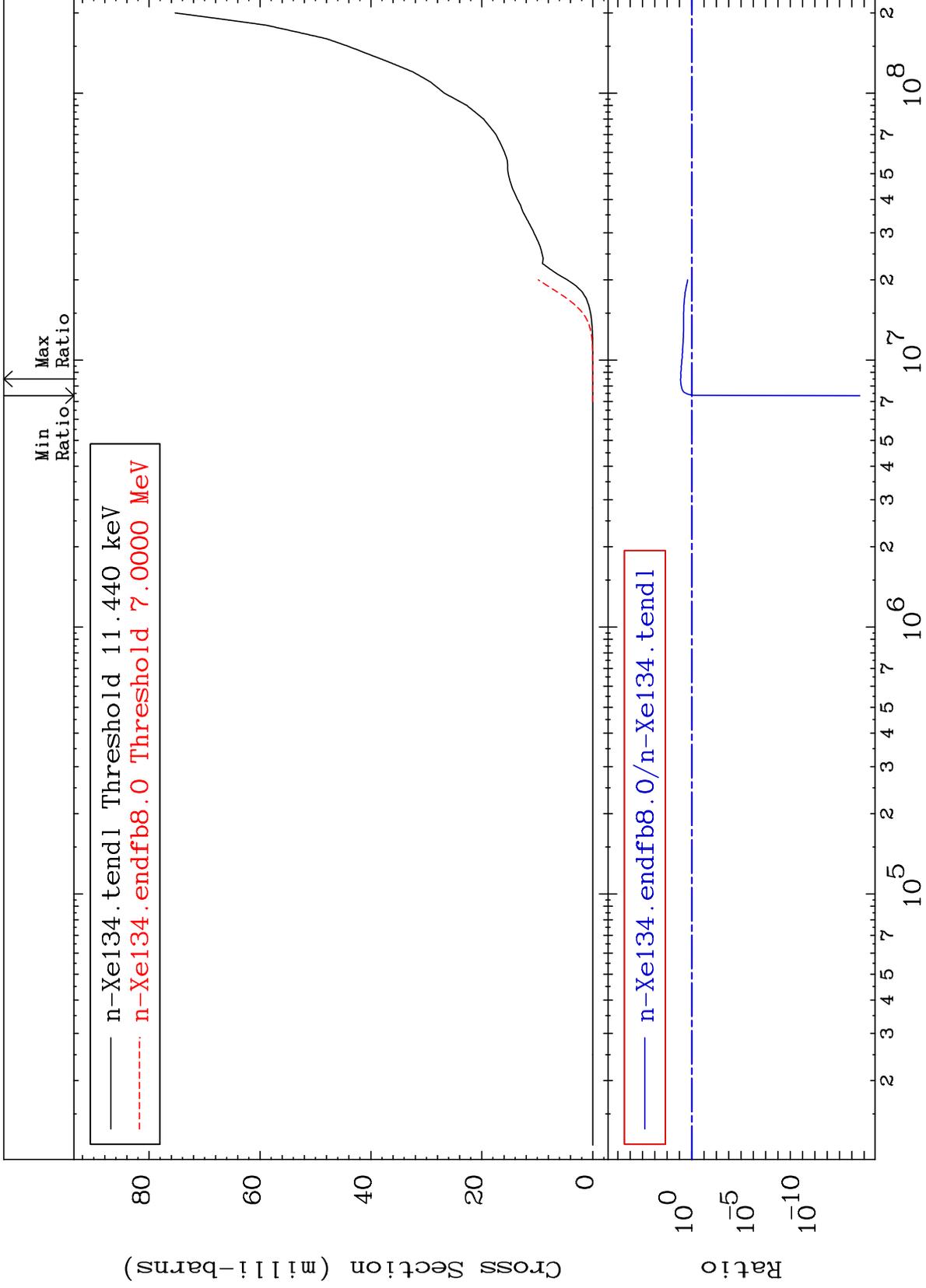
Incident Energy (eV)

54-Xe-134

MAT 5455

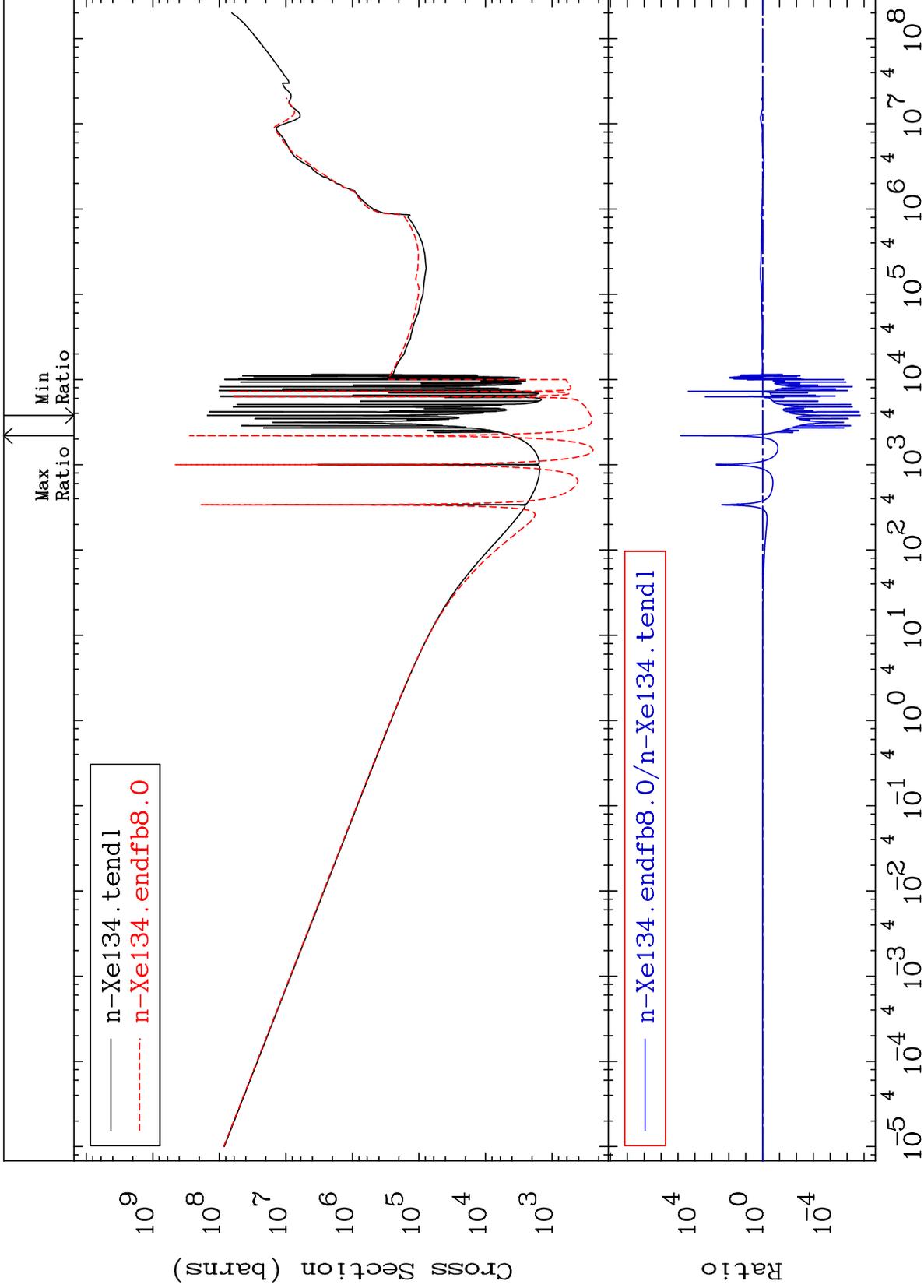
He-4 Production  
Cross Section

54-Xe-134  
-100.0 To 711.6 %



Cross Section

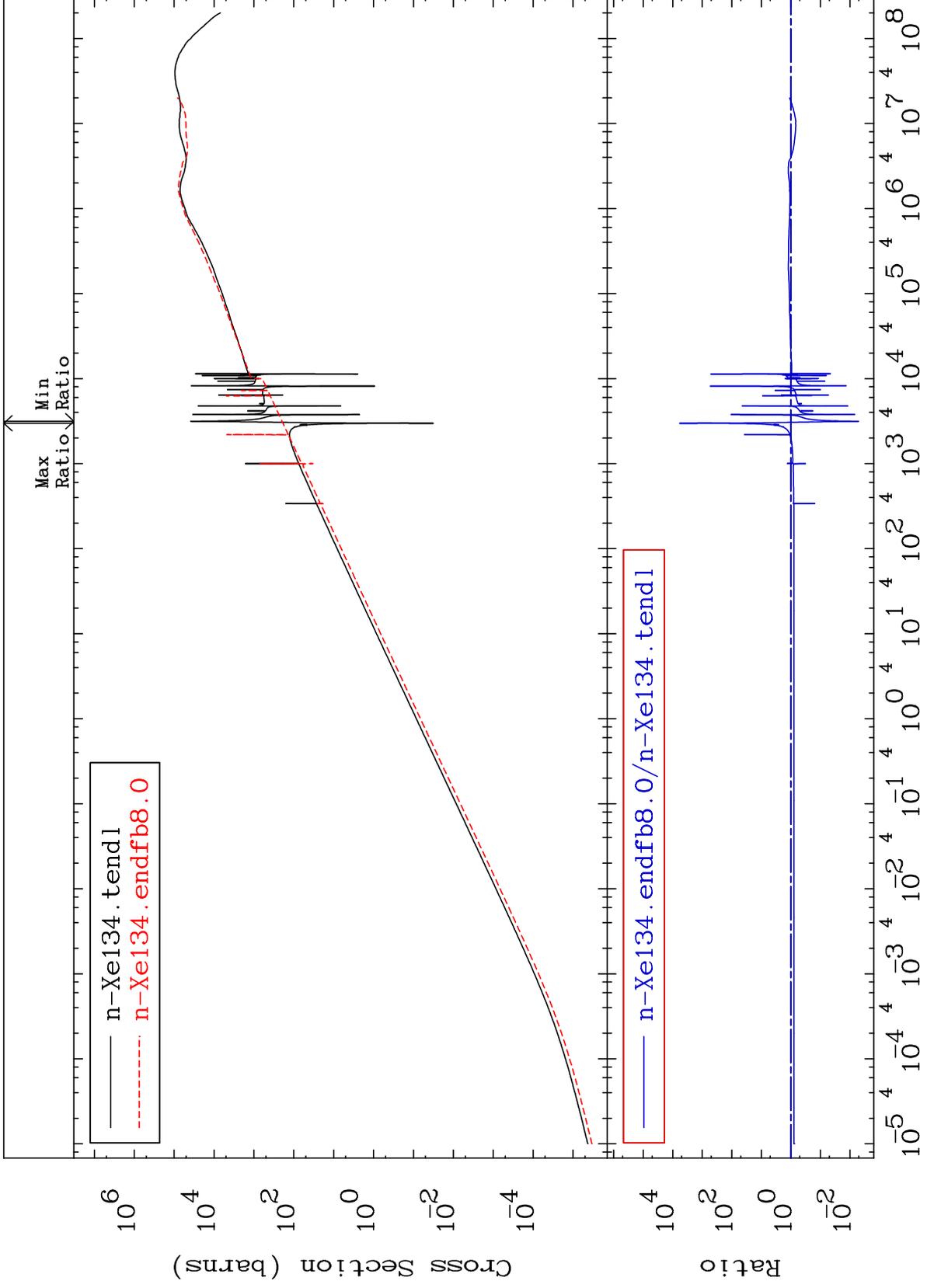
-100.0 To 9999. %

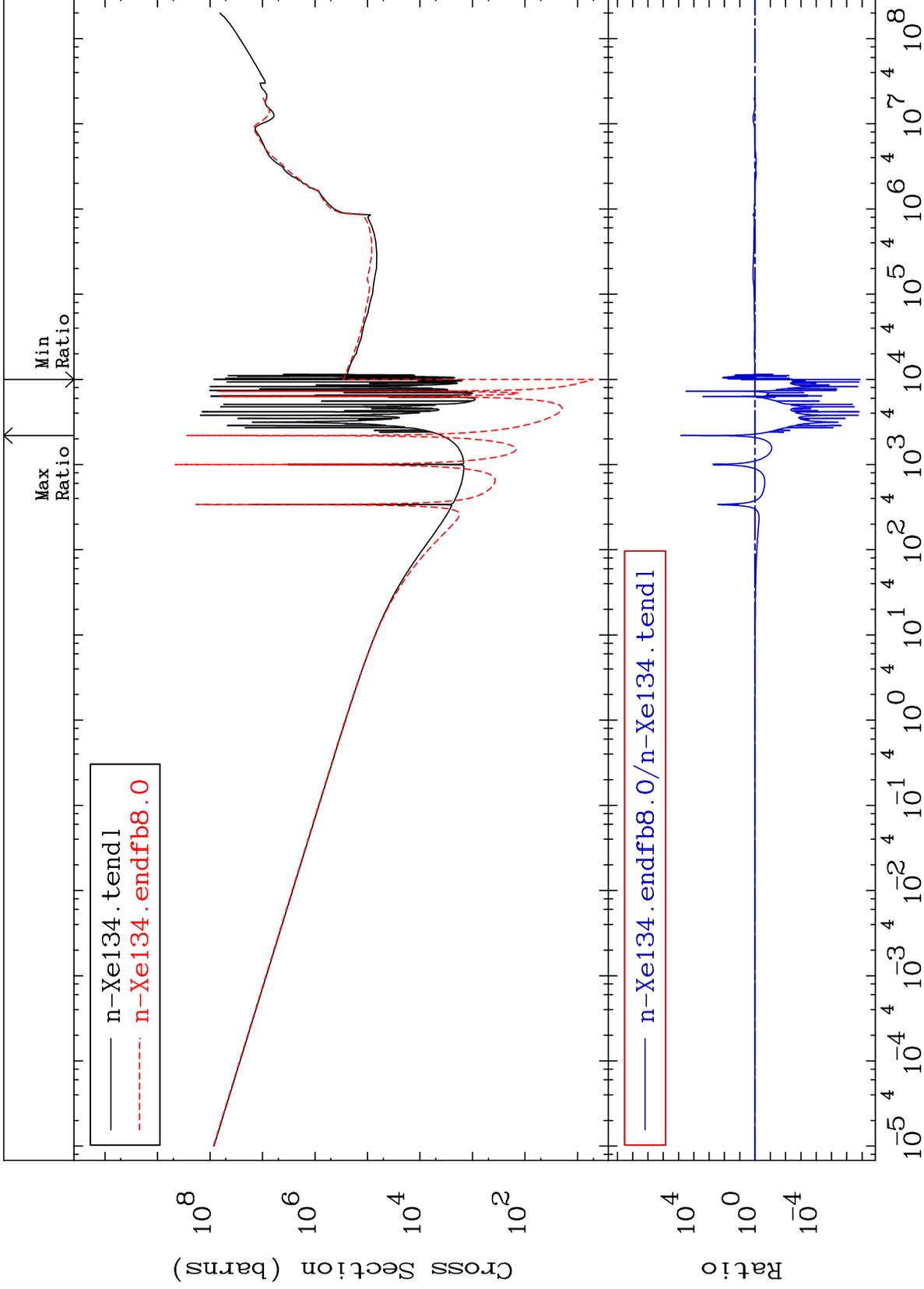


MAT 5455

Kerma elastic  
Cross Section

54-Xe-134  
-99.49 To 9999. %

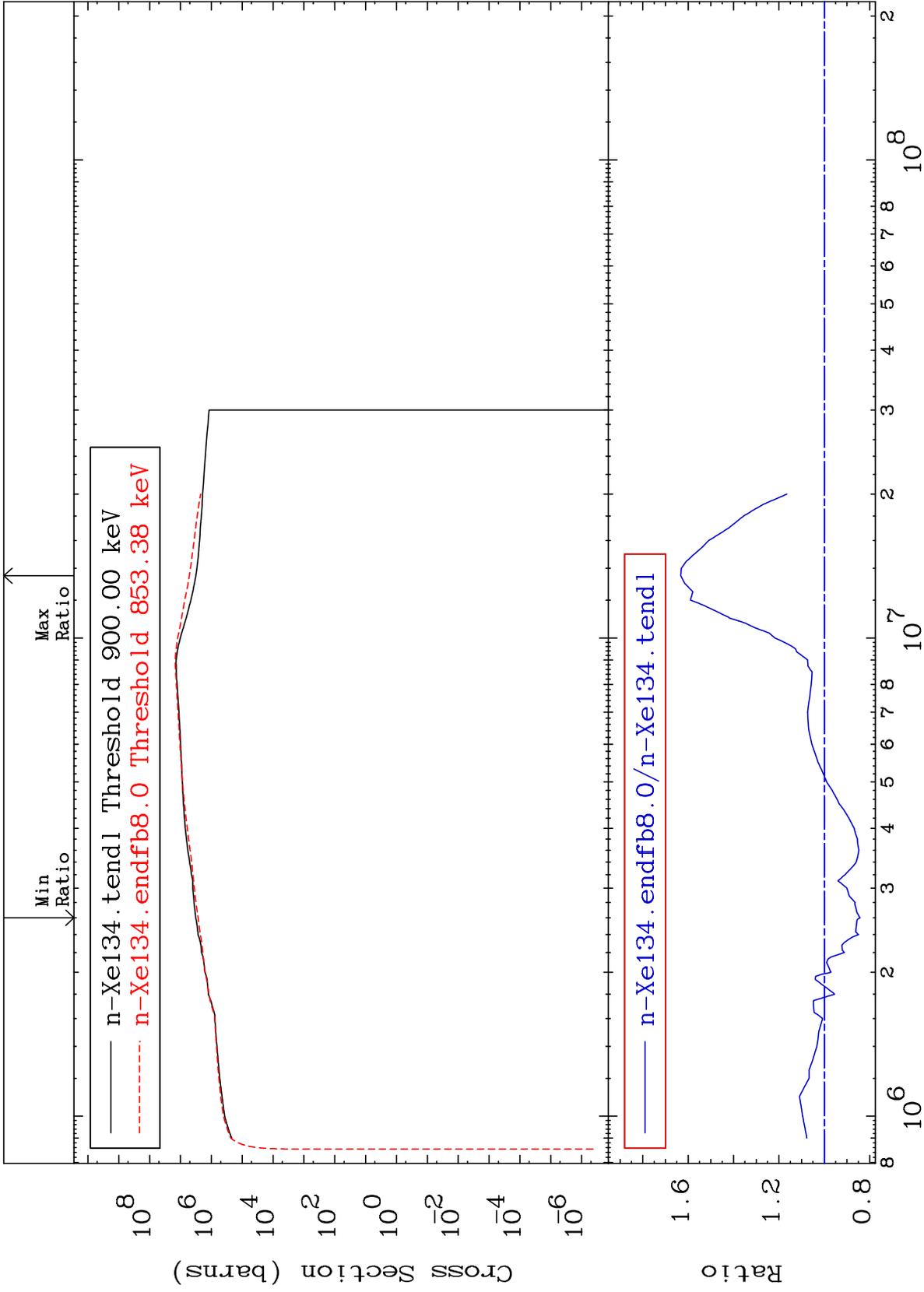




MAT 5455

Kerma inelastic (mt51-91)  
Cross Section

54-Xe-134  
-15.77 To 63.26 %



40

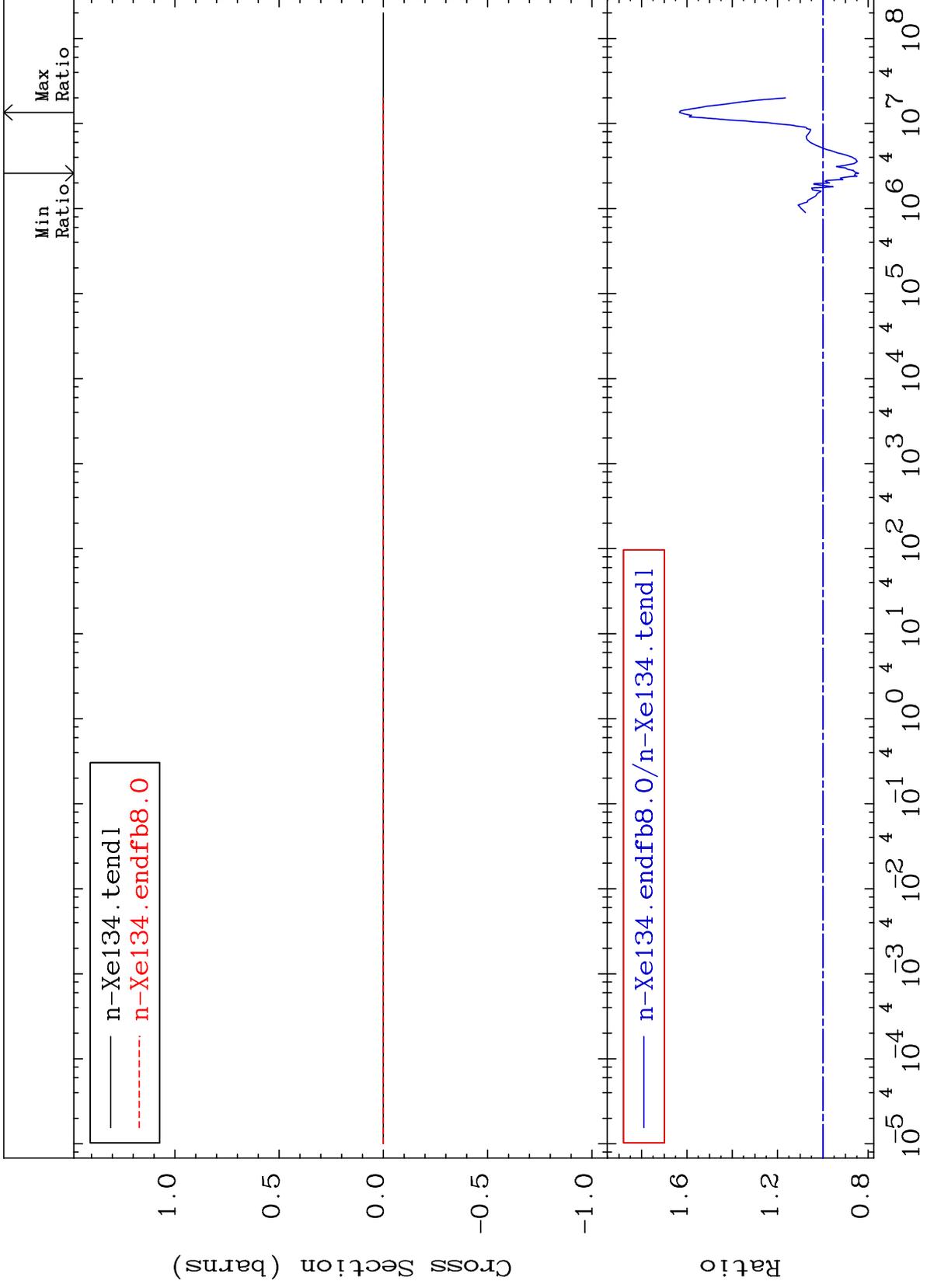
Incident Energy (eV)

54-Xe-134

MAT 5455

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

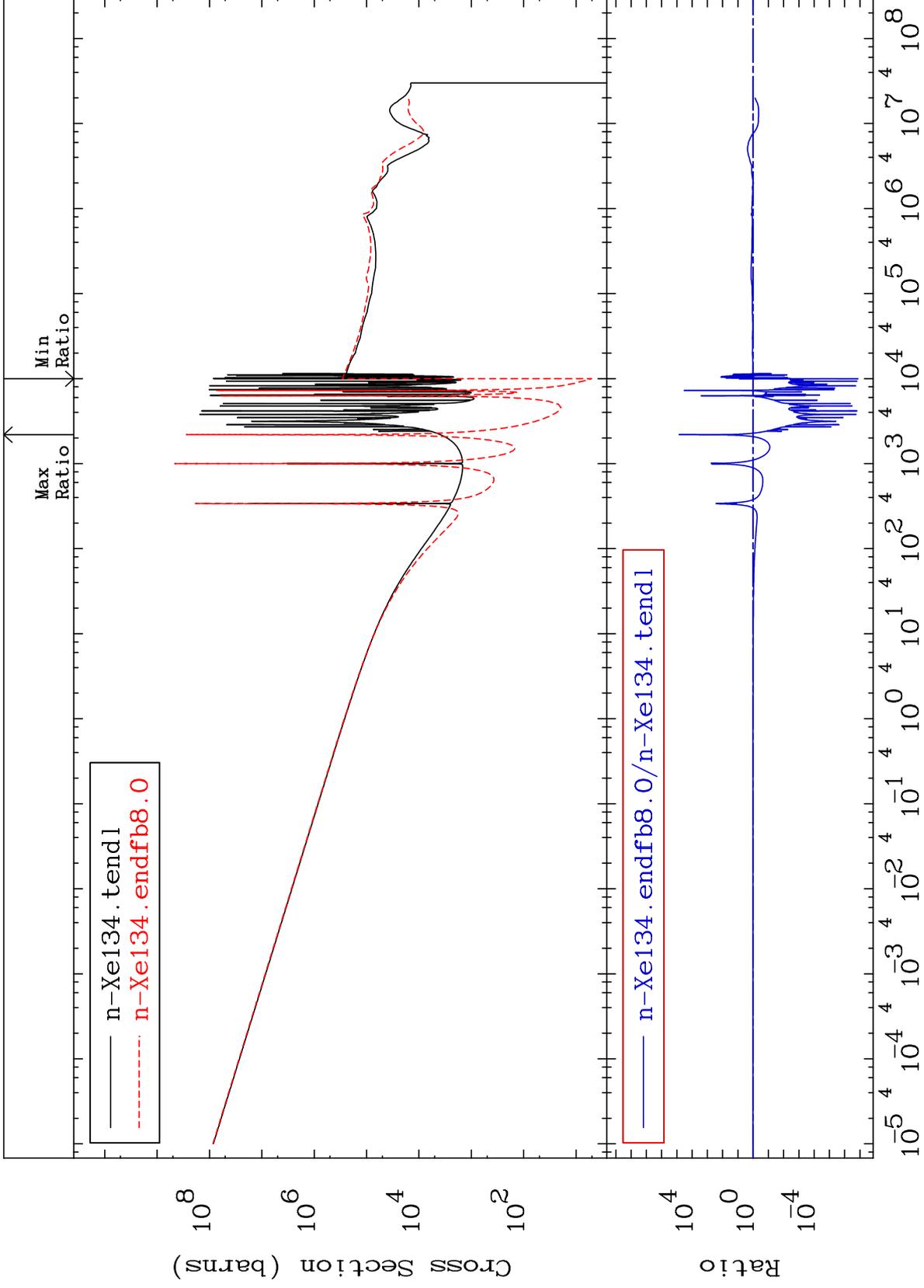
54-Xe-134  
-15.77 To 63.26 %

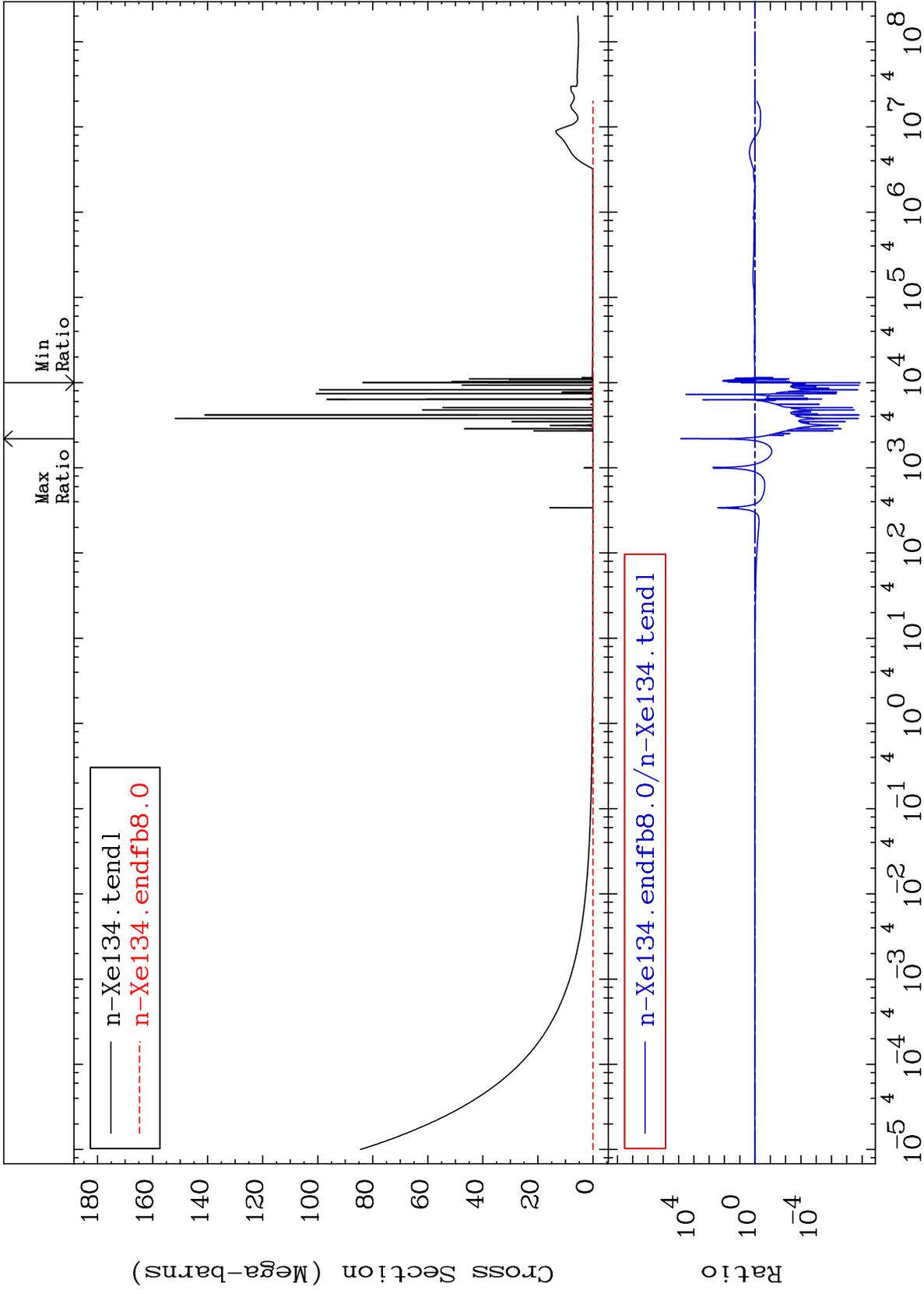


MAT 5455

Kerma capture (mt102)  
Cross Section

54-Xe-134  
-100.0 To 9999. %

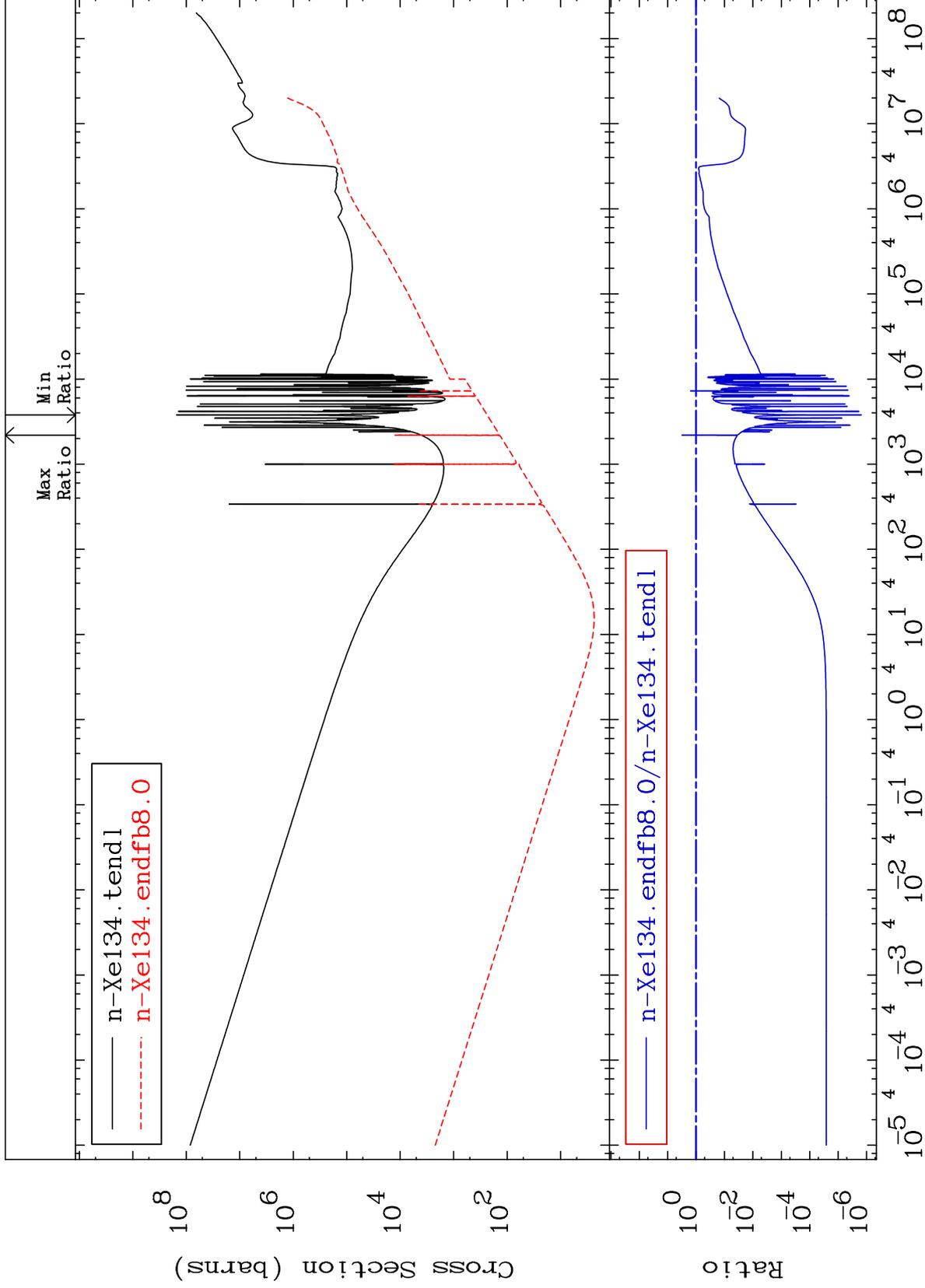


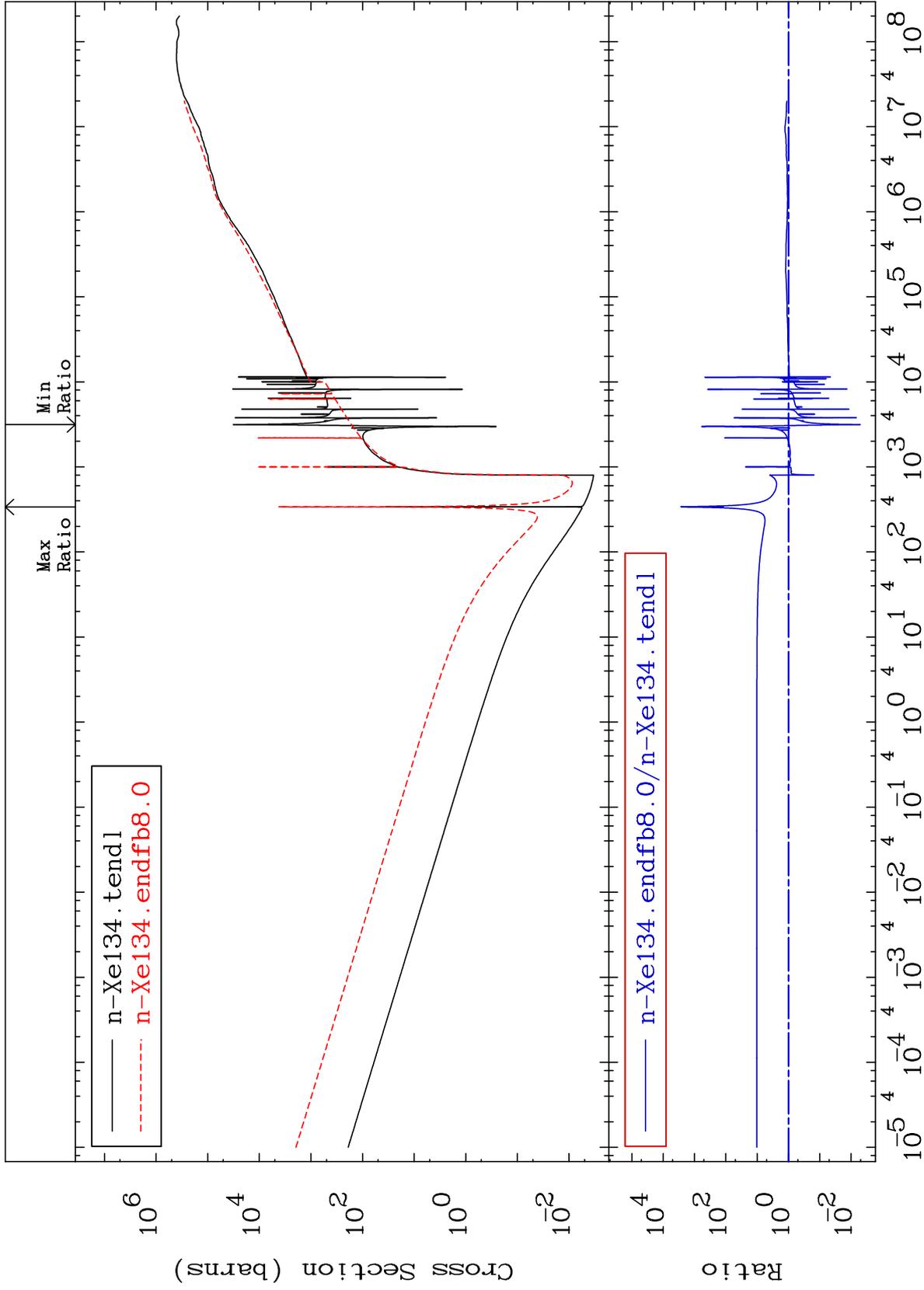


MAT 5455

Total kinematic kerma (high limit)  
Cross Section

54-Xe-134  
-100.0 To 215.5 %

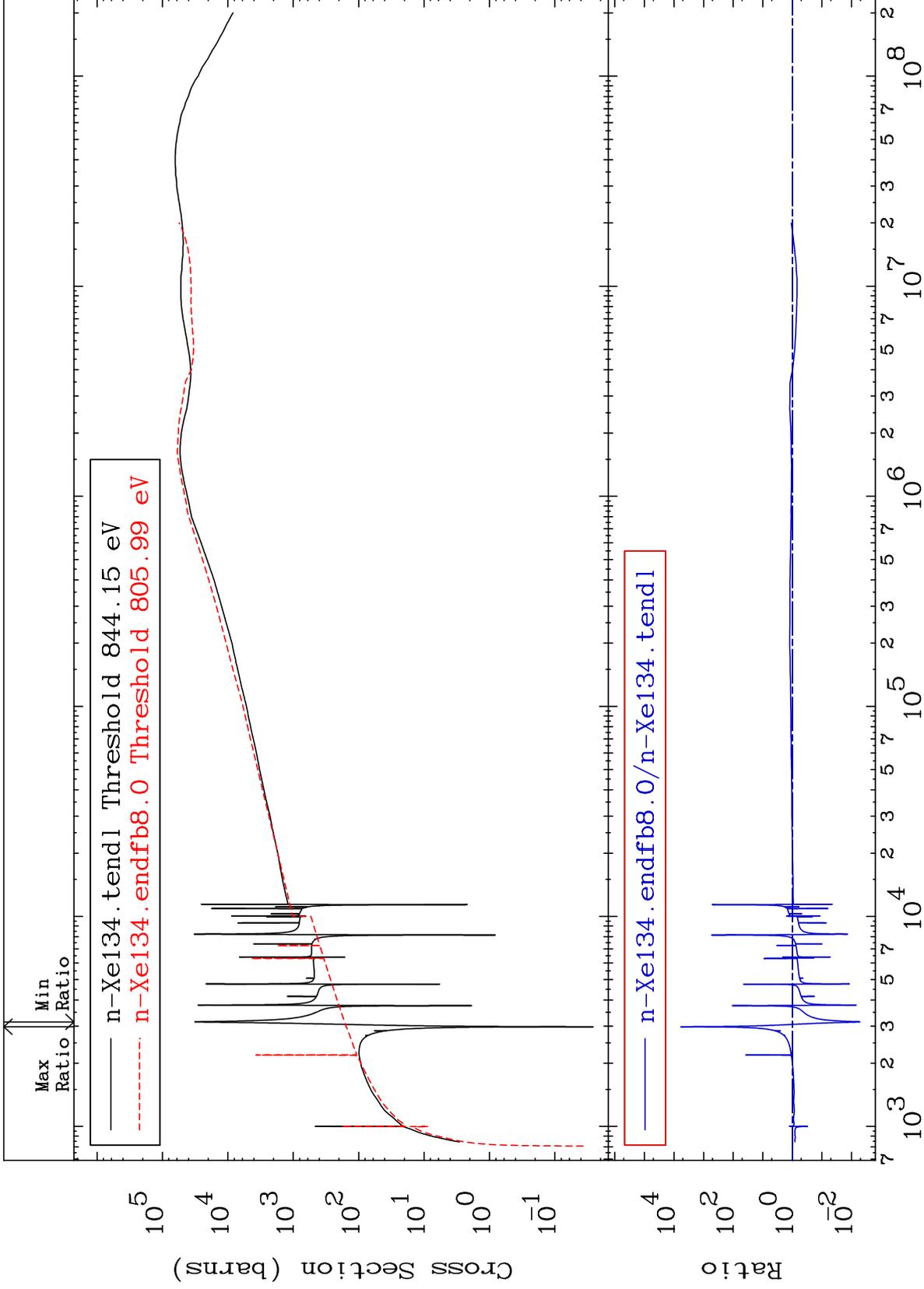




MAT 5455

Dpa elastic (mt2)  
Cross Section

54-Xe-134  
-99.49 To 9999. %



46

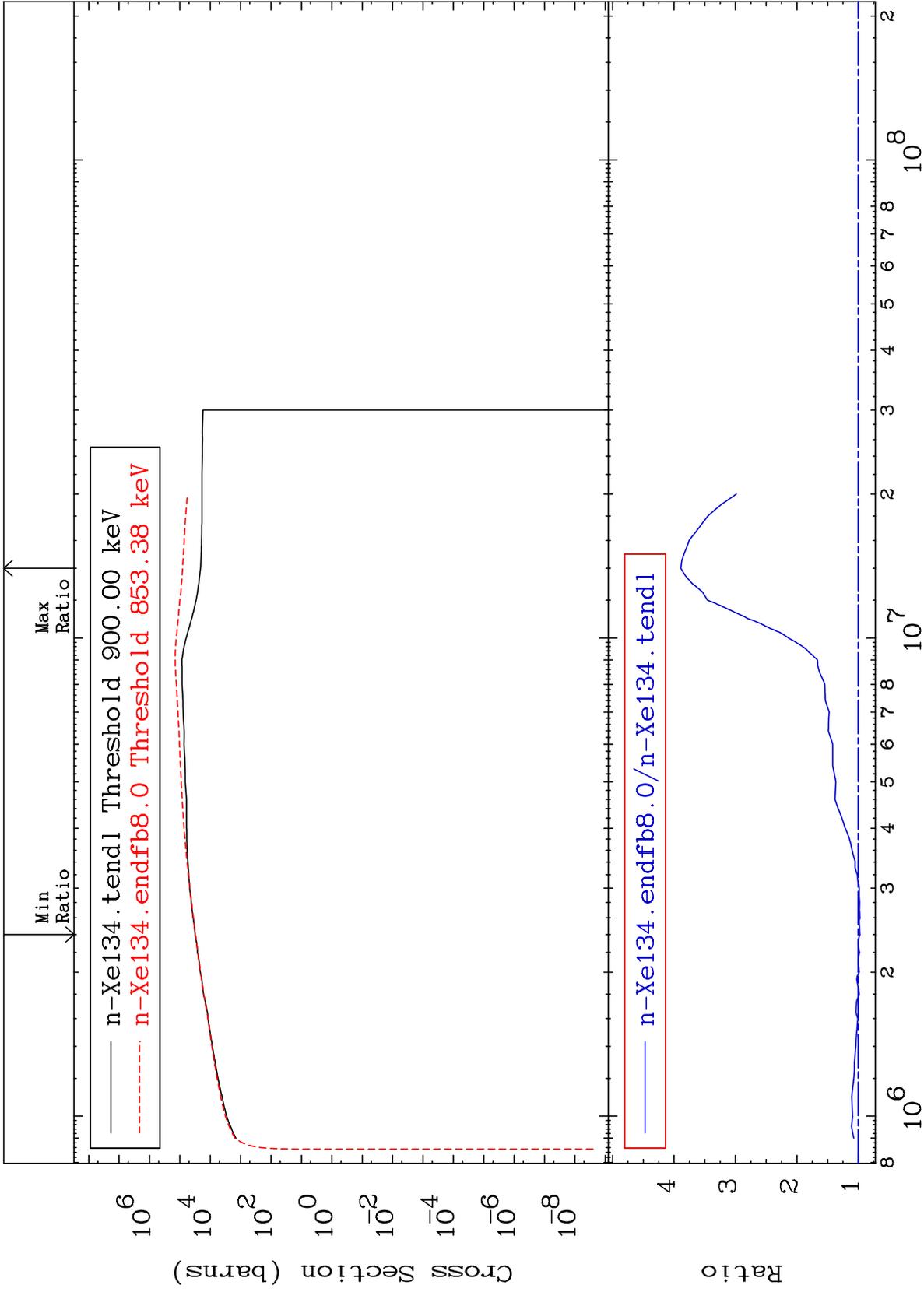
Incident Energy (eV)

54-Xe-134

MAT 5455

Dpa inelastic (mt51-91)  
Cross Section

54-Xe-134  
-2.795 To 289.1 %



47

Incident Energy (eV)

54-Xe-134

