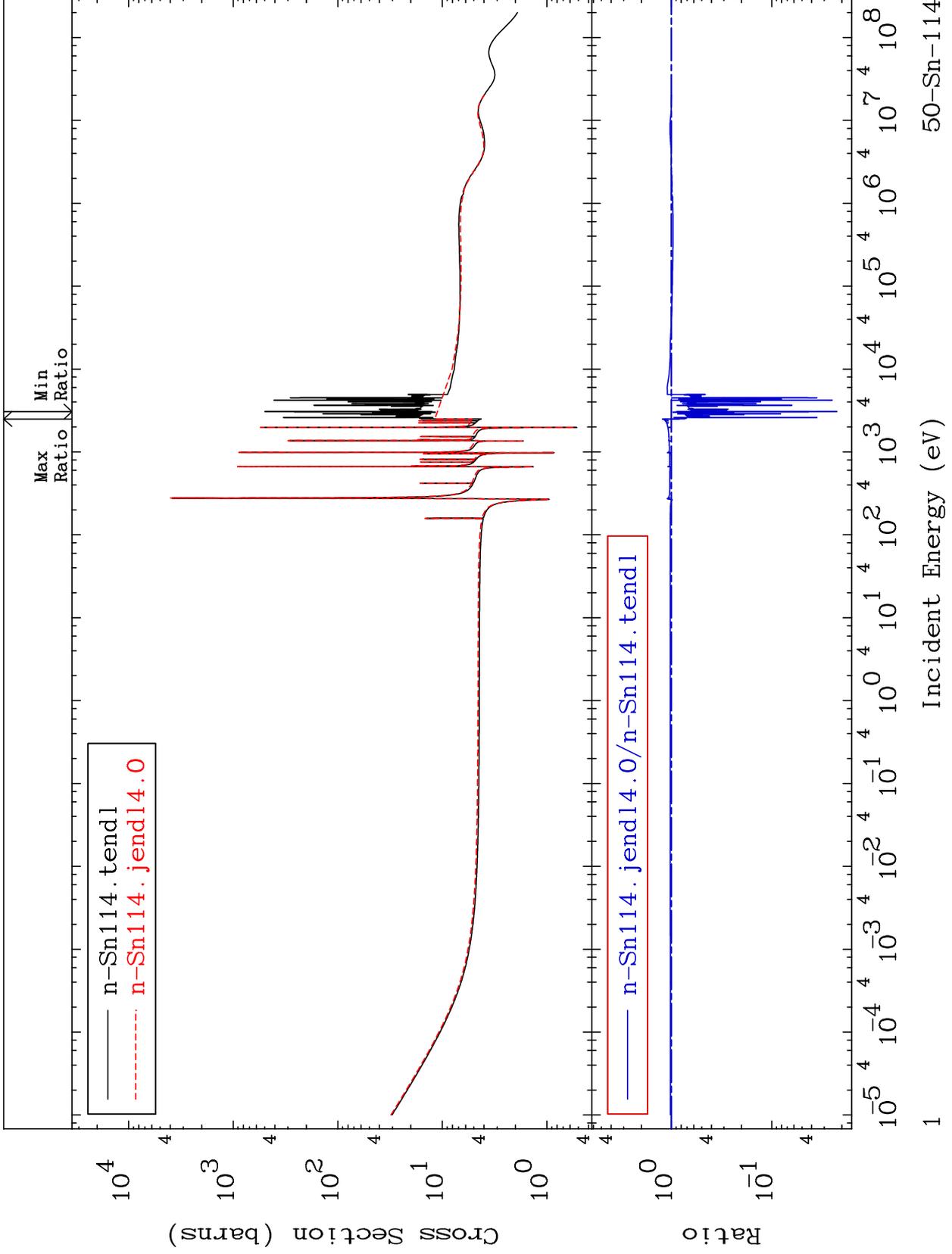


MAT 5031

Total  
Cross Section

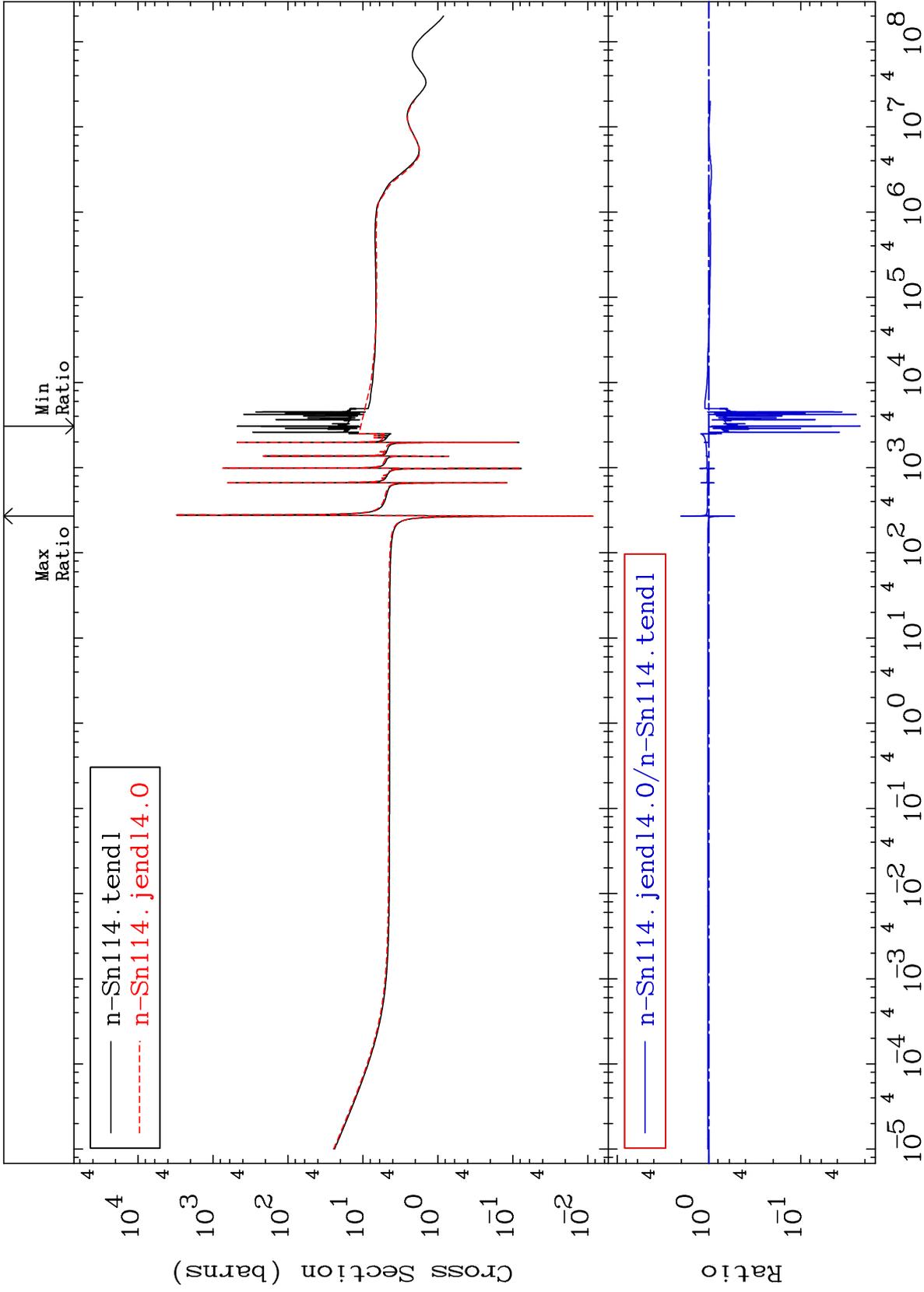
50-Sn-114  
-97.75 To 23.39 %



MAT 5031

Elastic  
Cross Section

50-Sn-114  
-97.74 To 103.1 %



Incident Energy (eV)

50-Sn-114

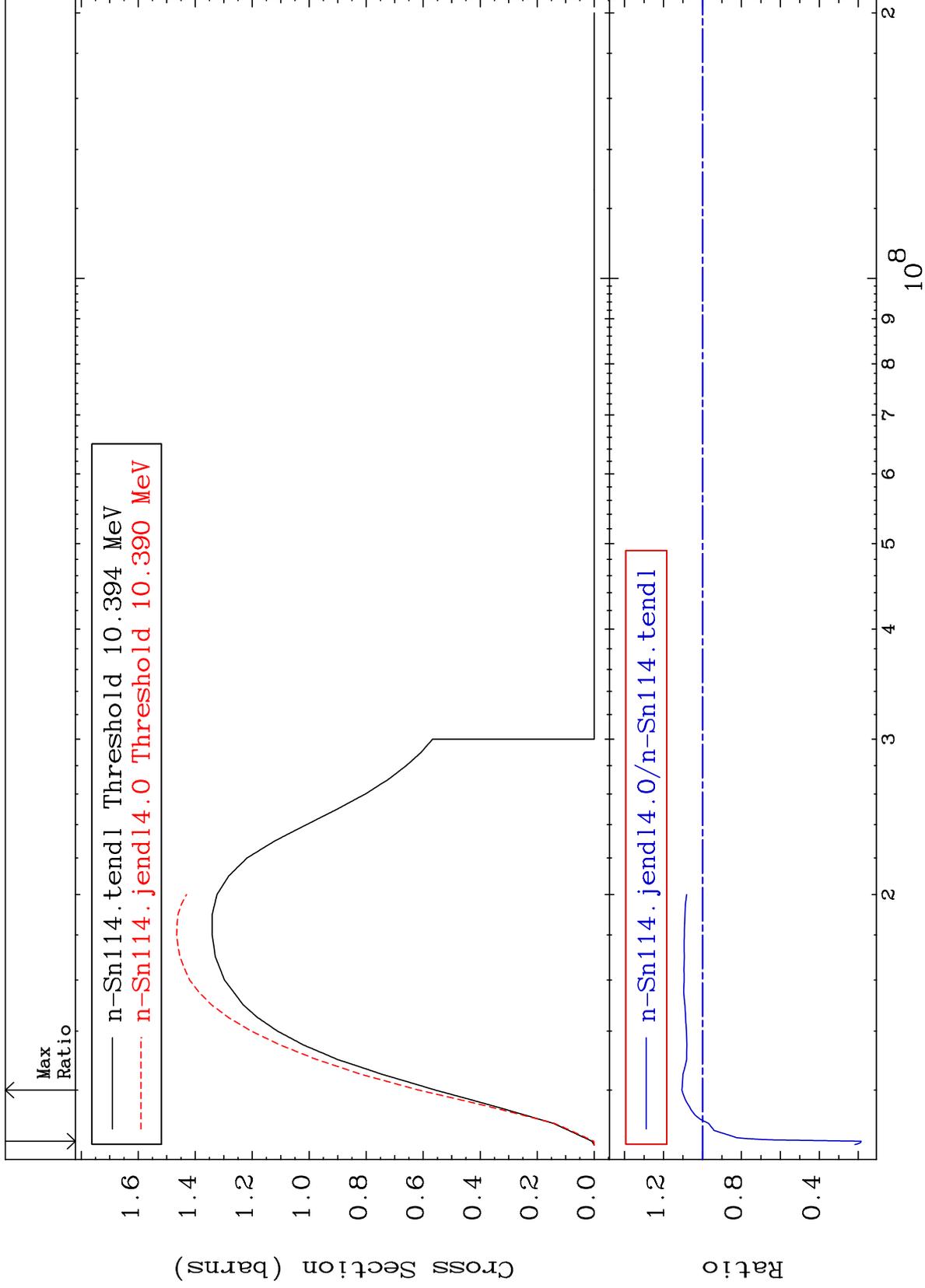
2



MAT 5031

(n,2n)  
Cross Section

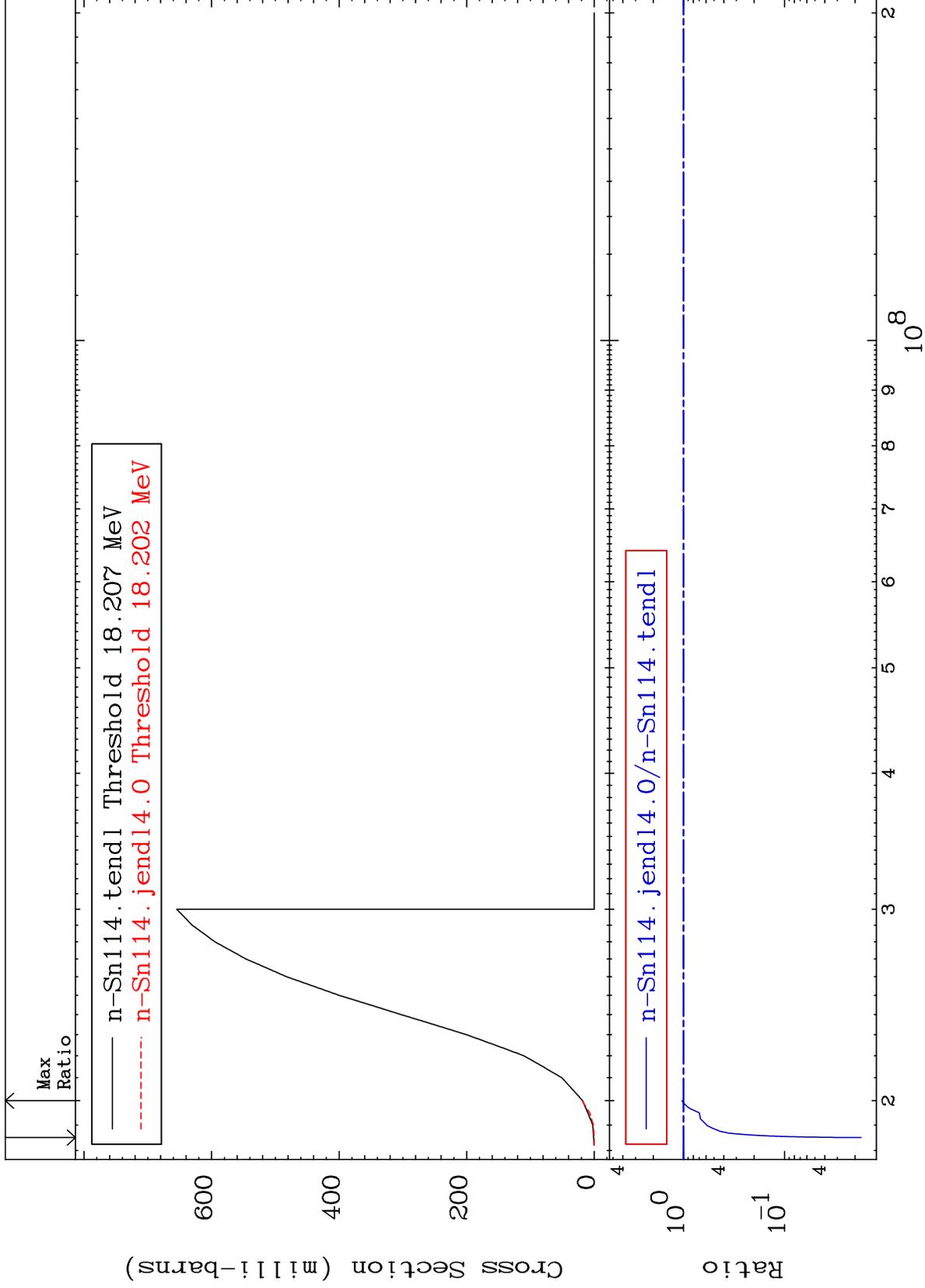
50-Sn-114  
-81.45 To 10.55 %



MAT 5031

(n,3n)  
Cross Section

50-Sn-114  
-98.26 To 3.935 %



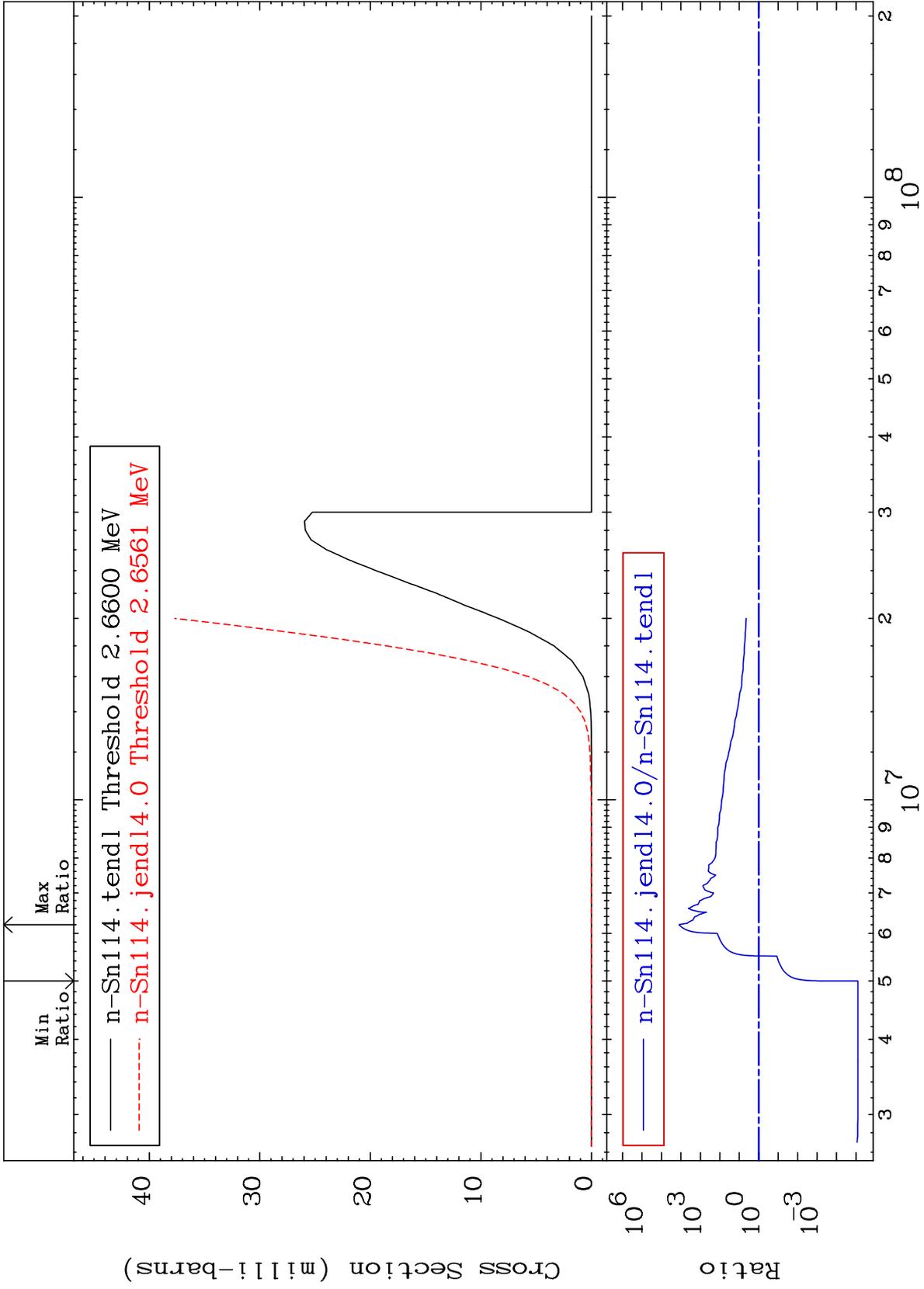
5

Incident Energy (eV)

50-Sn-114

MAT 5031

(n,n')  $\alpha$   
Cross Section  
50-Sn-114  
-100.0 To 9999. %



6

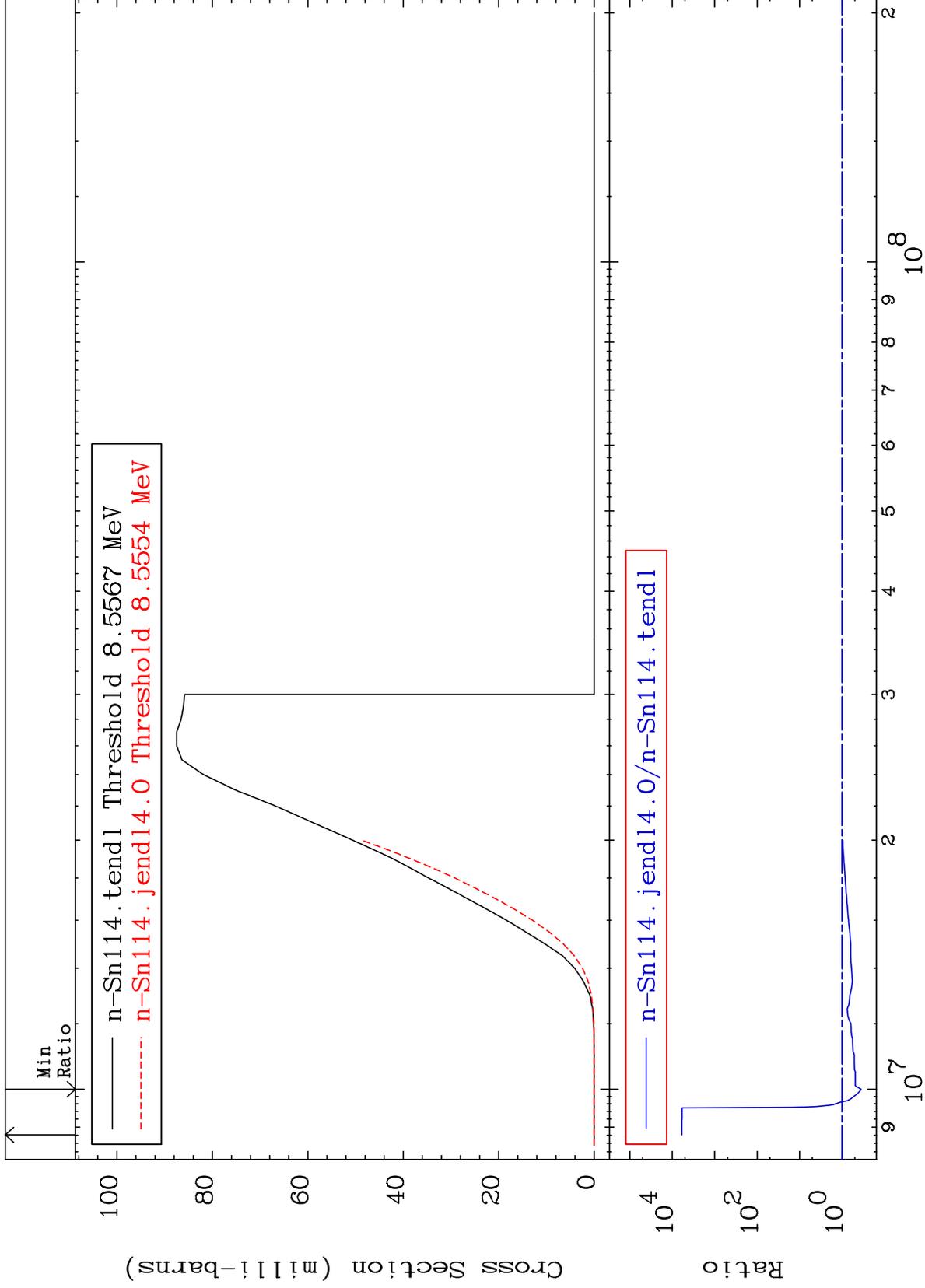
Incident Energy (eV)

50-Sn-114

MAT 5031

(n,n') p  
Cross Section

50-Sn-114  
-64.49 To 9999. %



7

Incident Energy (eV)

50-Sn-114

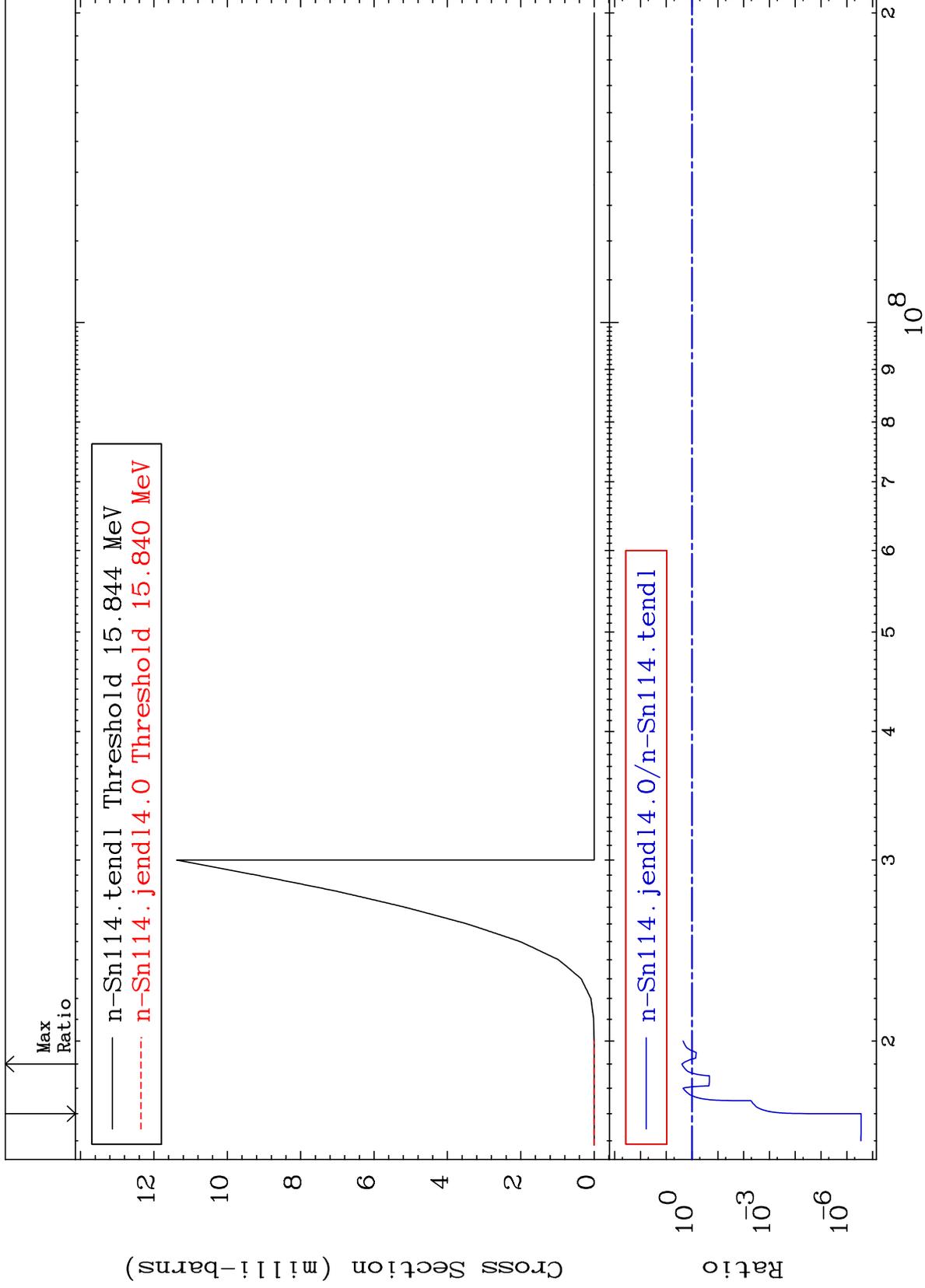
MAT 5031

(n,n') d

50-Sn-114

Cross Section

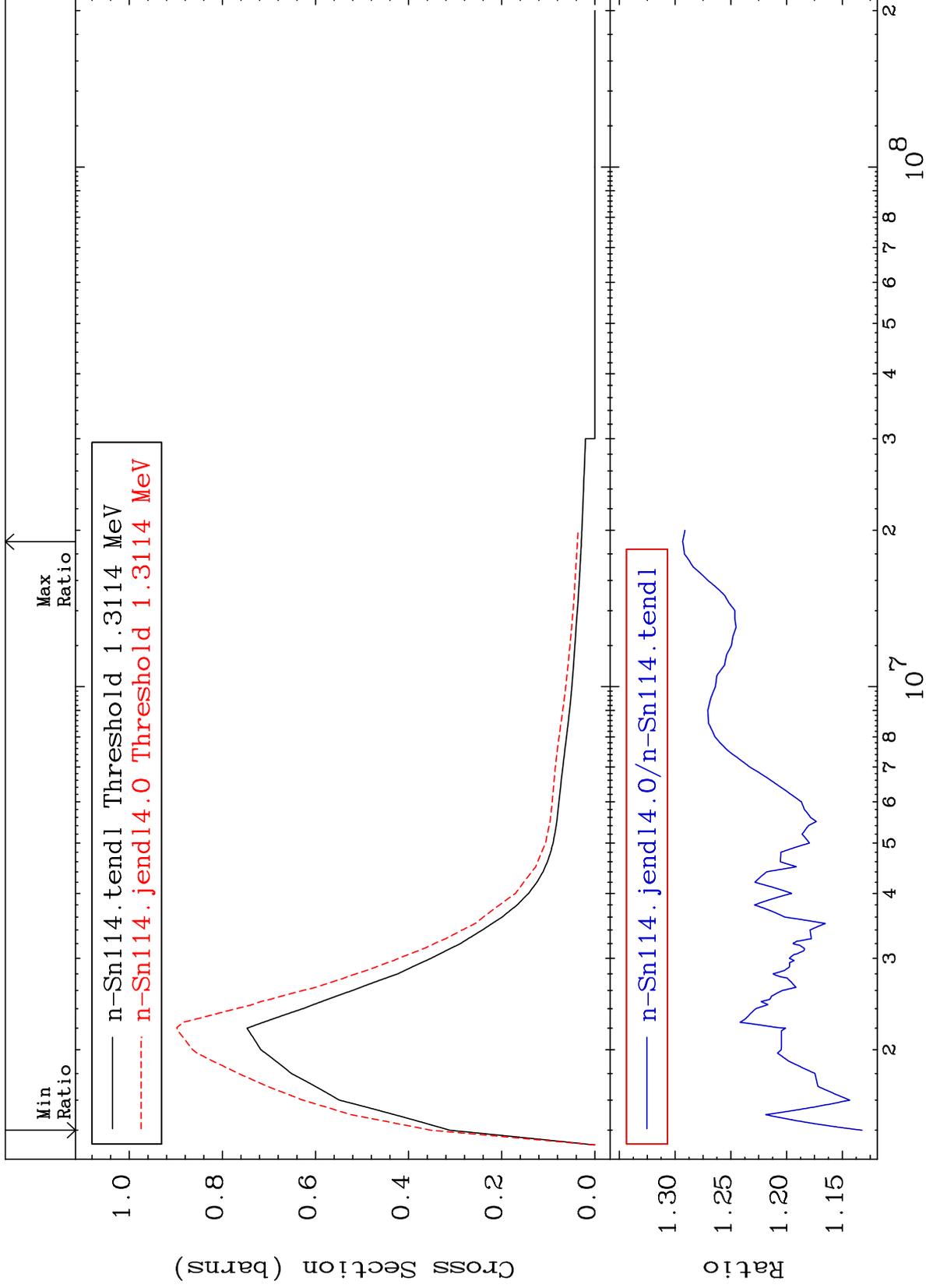
-100.0 To 148.0 %



MAT 5031

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

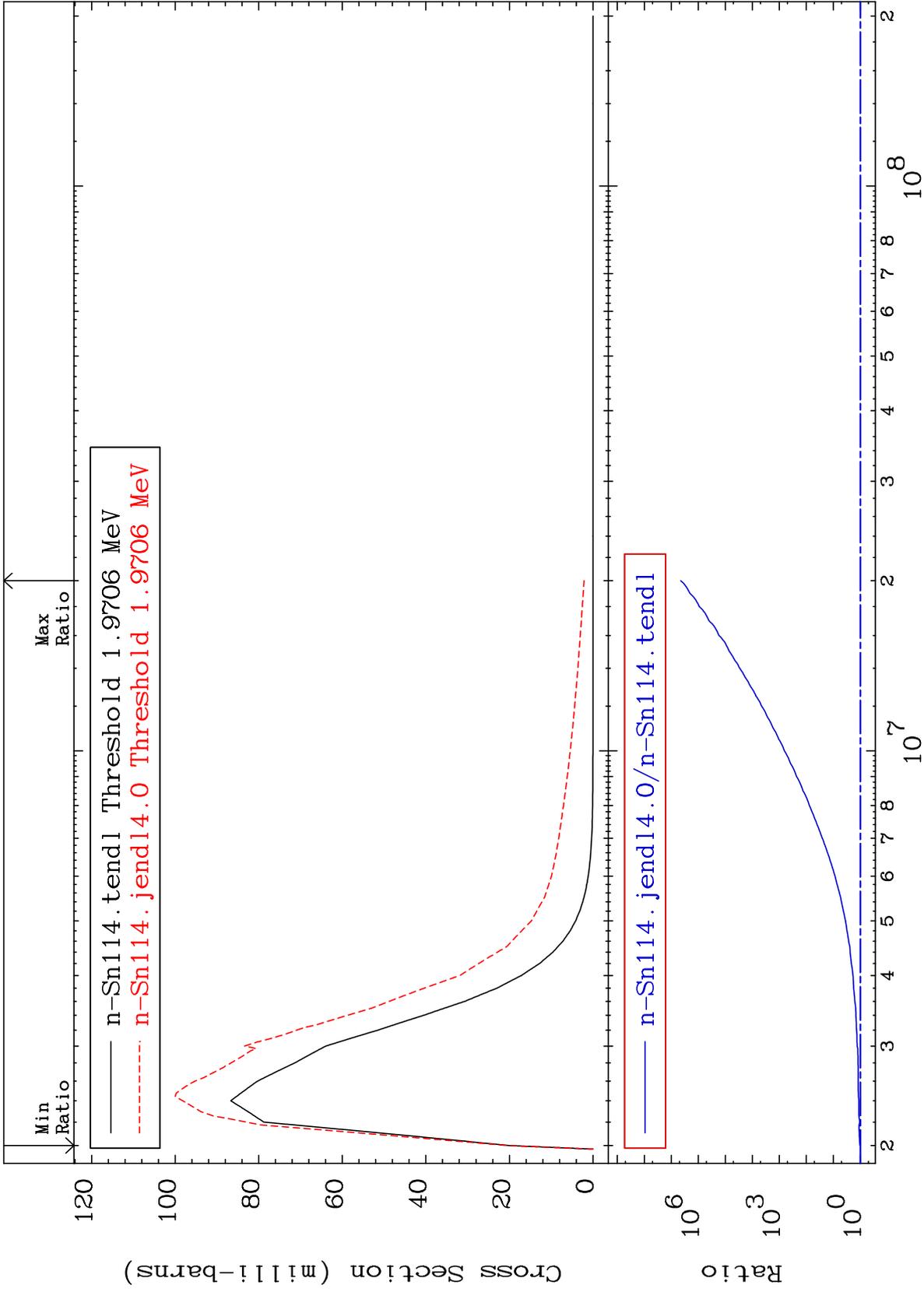
50-Sn-114  
13.23 To 29.32 %



MAT 5031

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

50-Sn-114  
1.770 To 9999. %



10

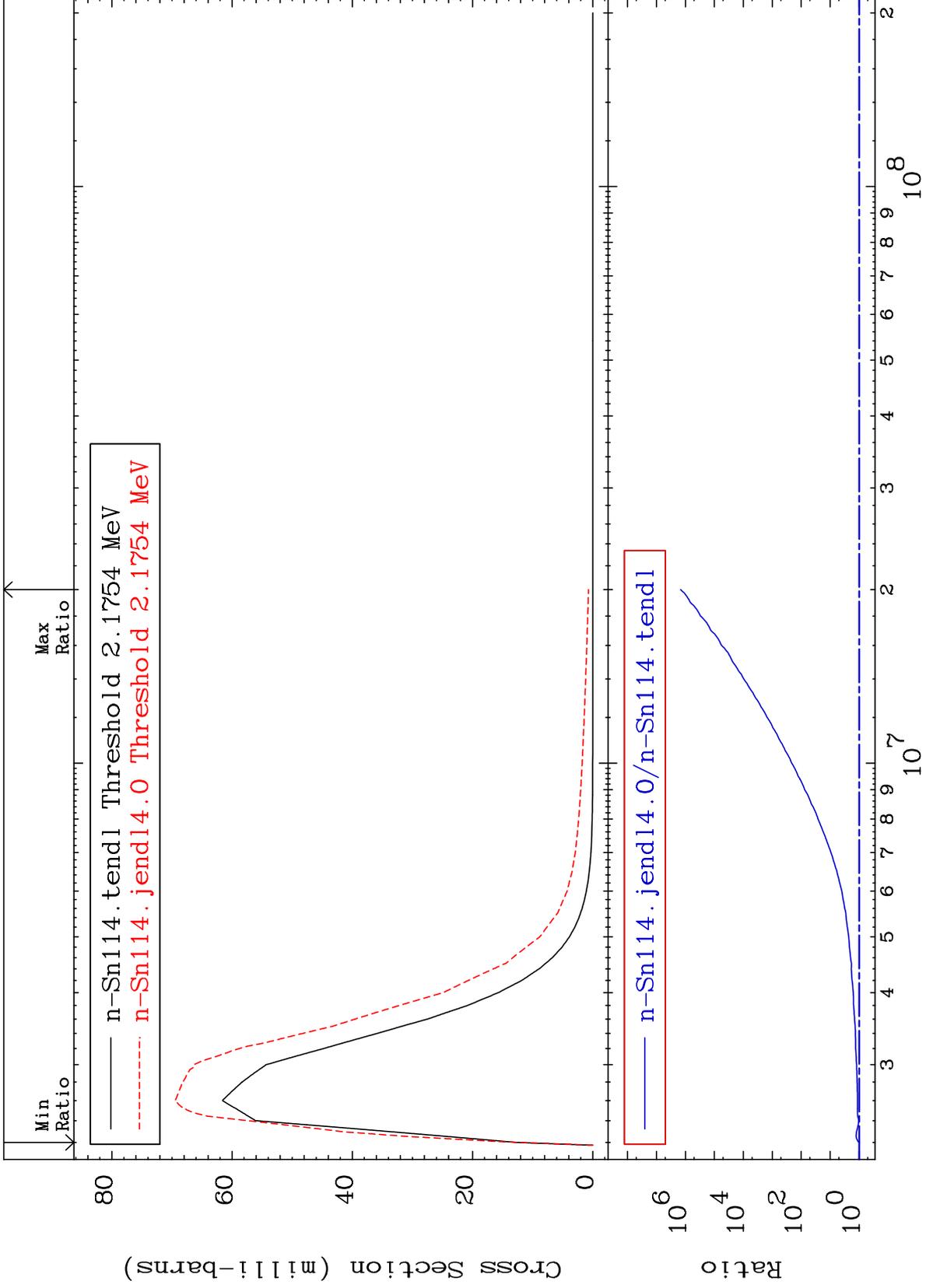
Incident Energy (eV)

50-Sn-114

MAT 5031

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

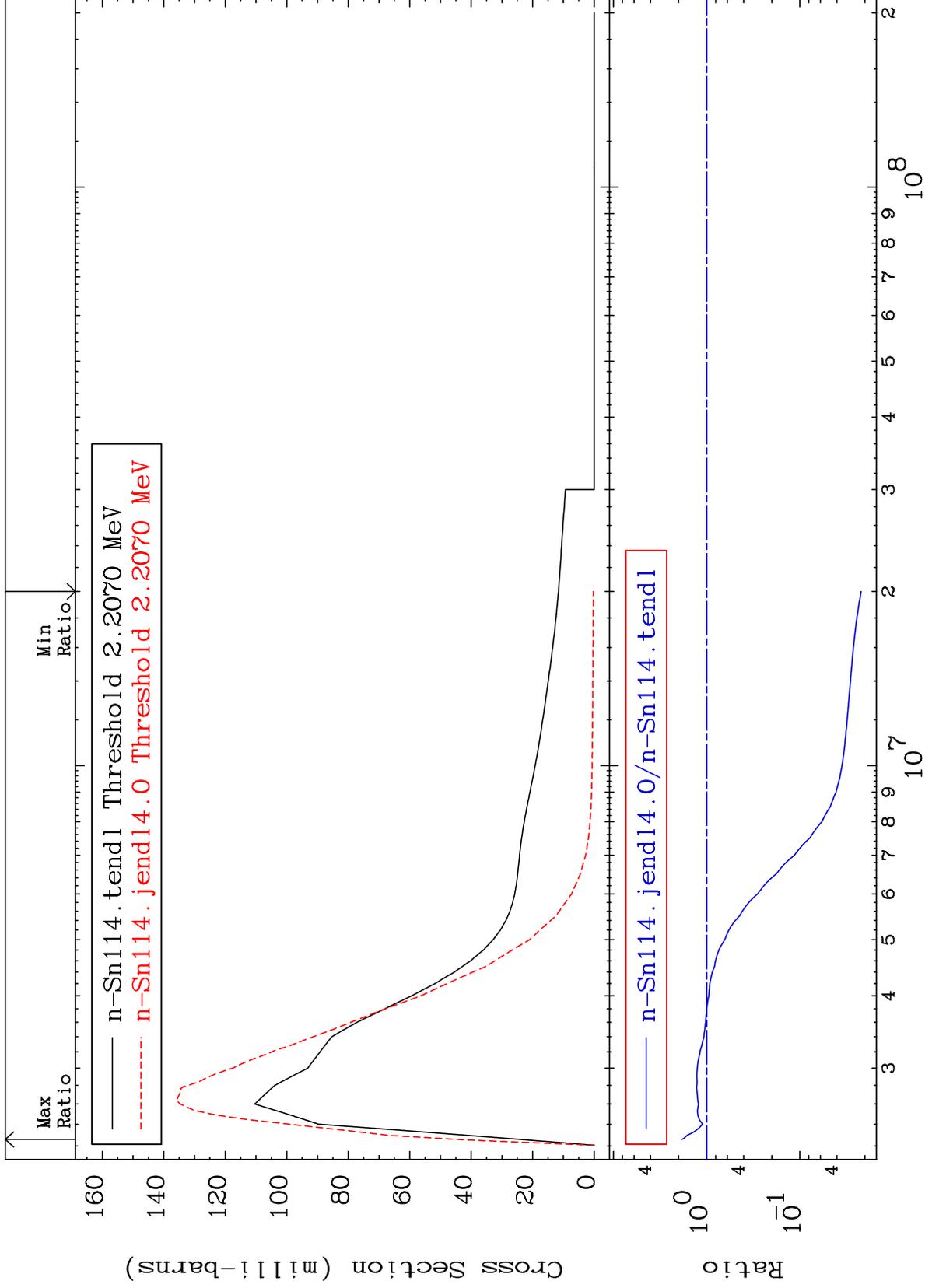
50-Sn-114  
-5.302 To 9999. %



MAT 5031

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

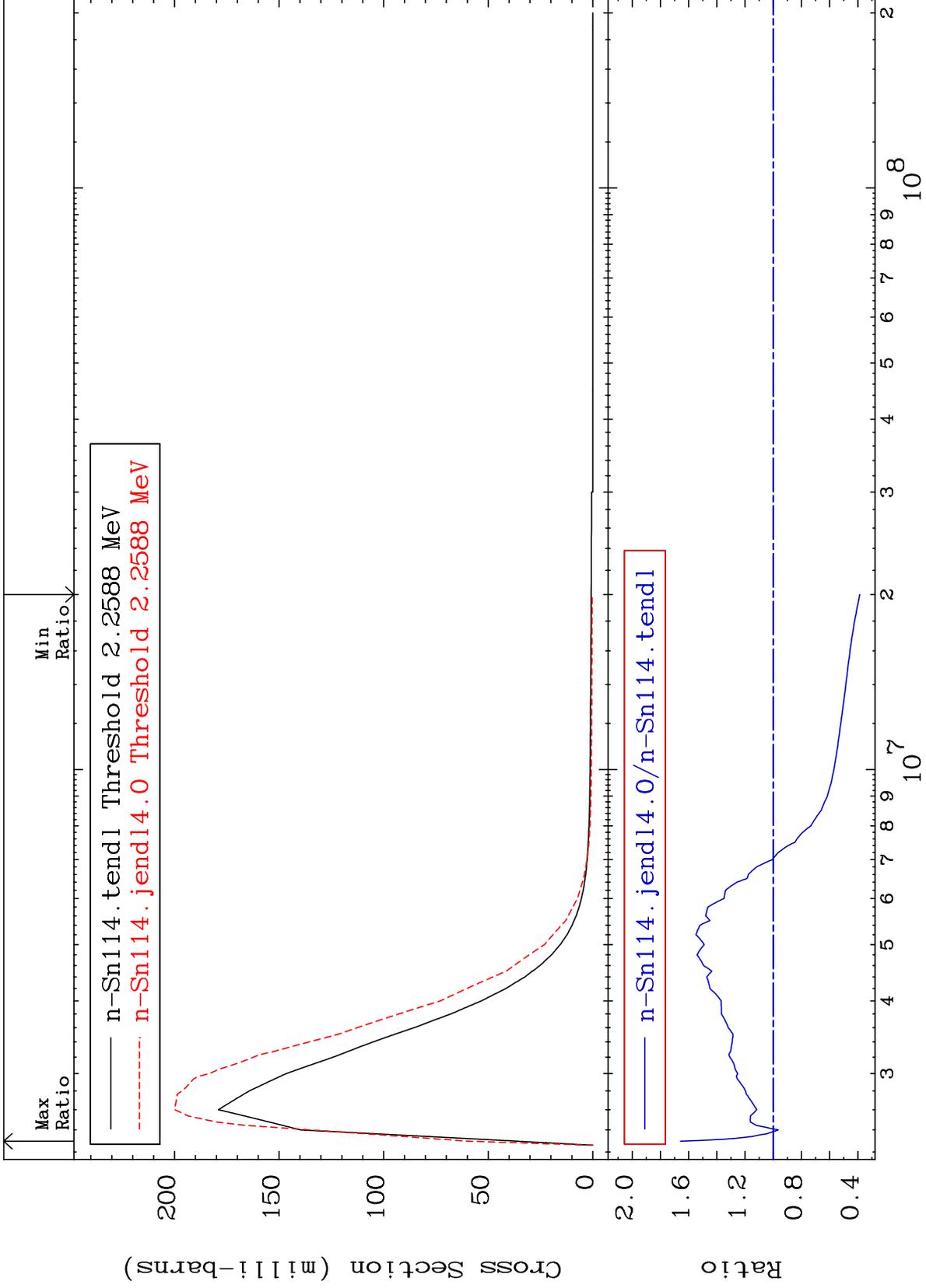
50-Sn-114  
-97.80 To 84.18 %



MAT 5031

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

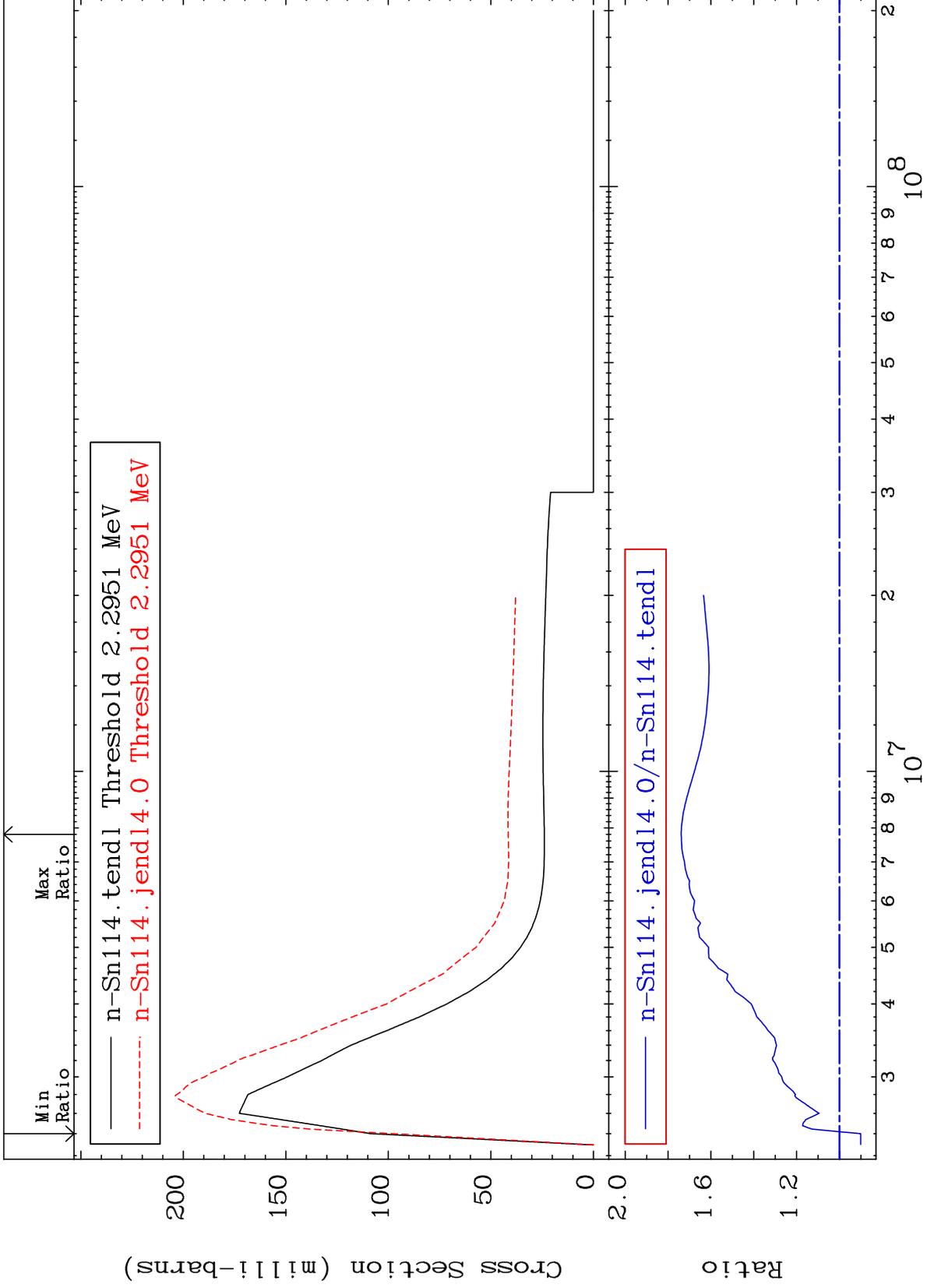
50-Sn-114  
-61.40 To 65.75 %



MAT 5031

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

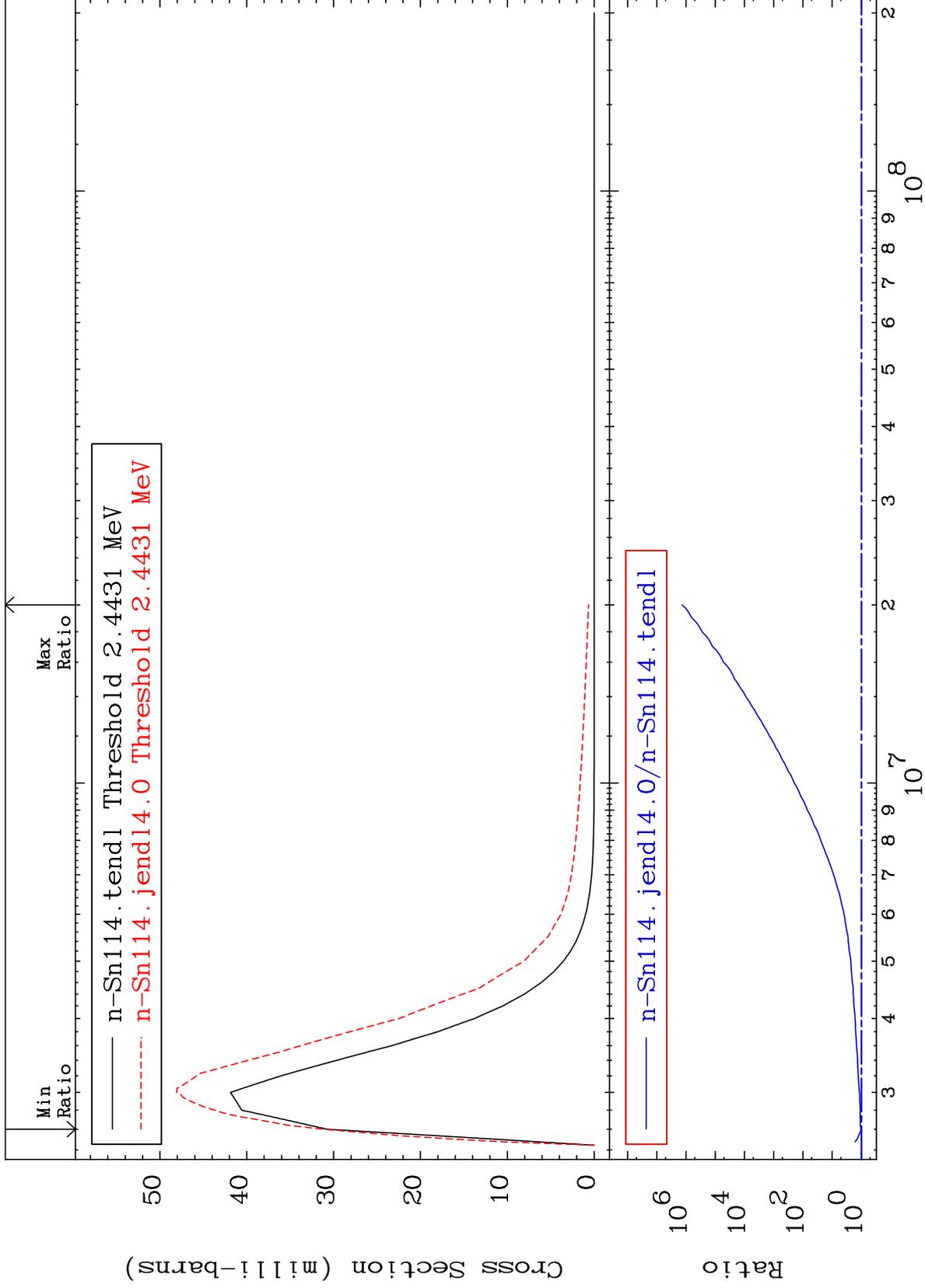
50-Sn-114  
-9.895 To 73.85 %



MAT 5031

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

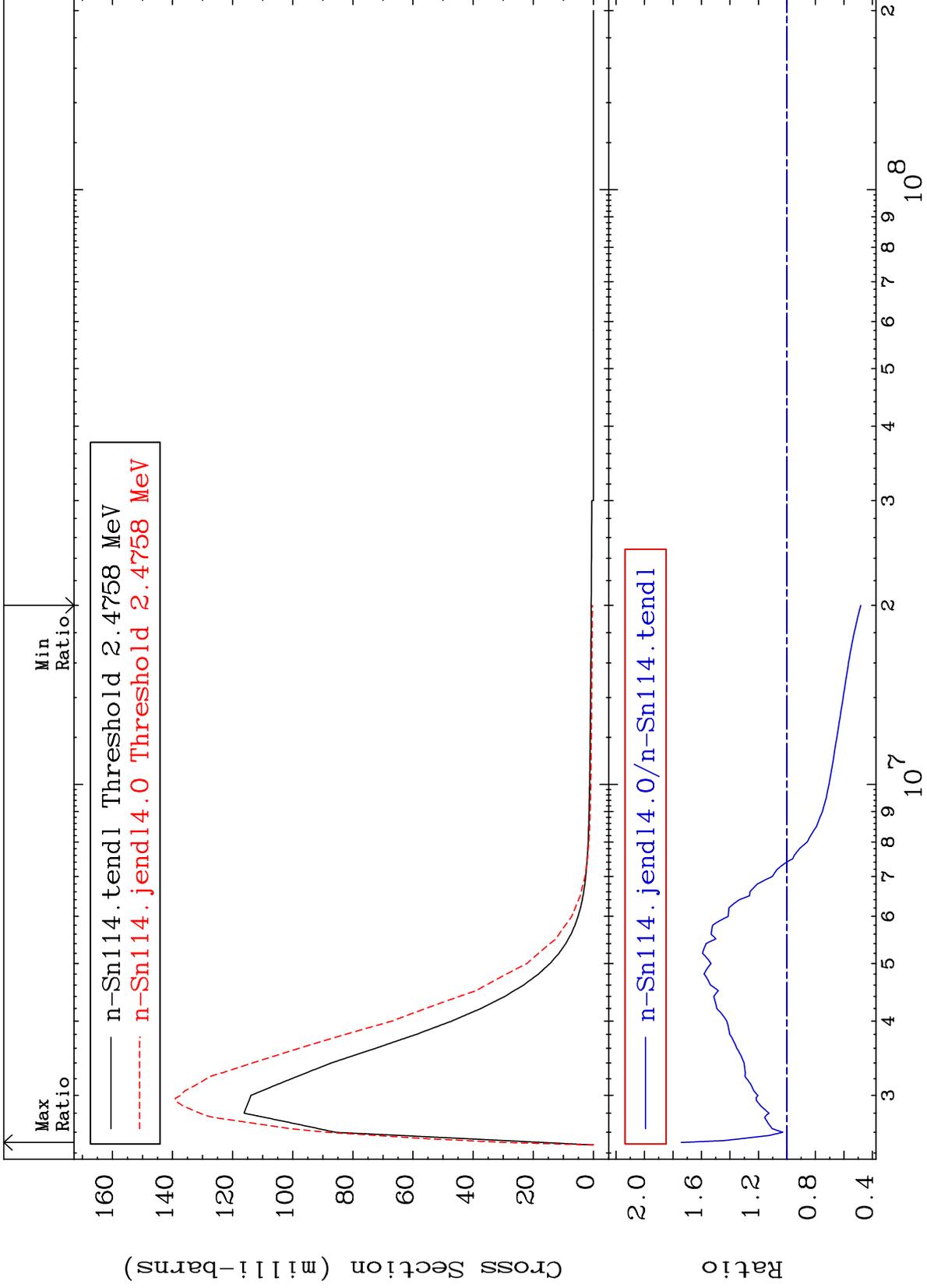
50-Sn-114  
To 9999. %  
1.207



MAT 5031

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

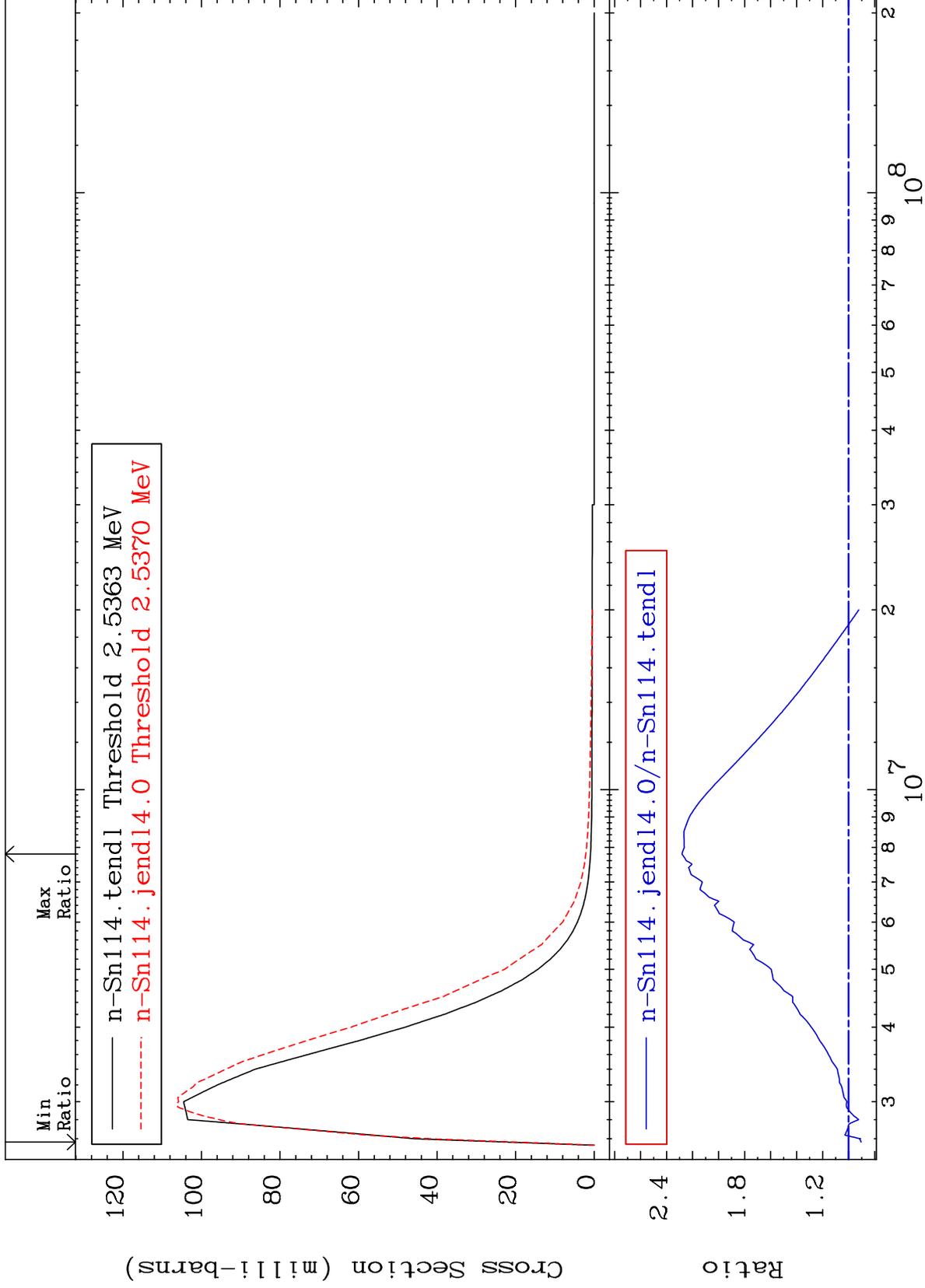
50-Sn-114  
-51.76 To 74.19 %



MAT 5031

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

50-Sn-114  
-9.580 To 128.2 %



17

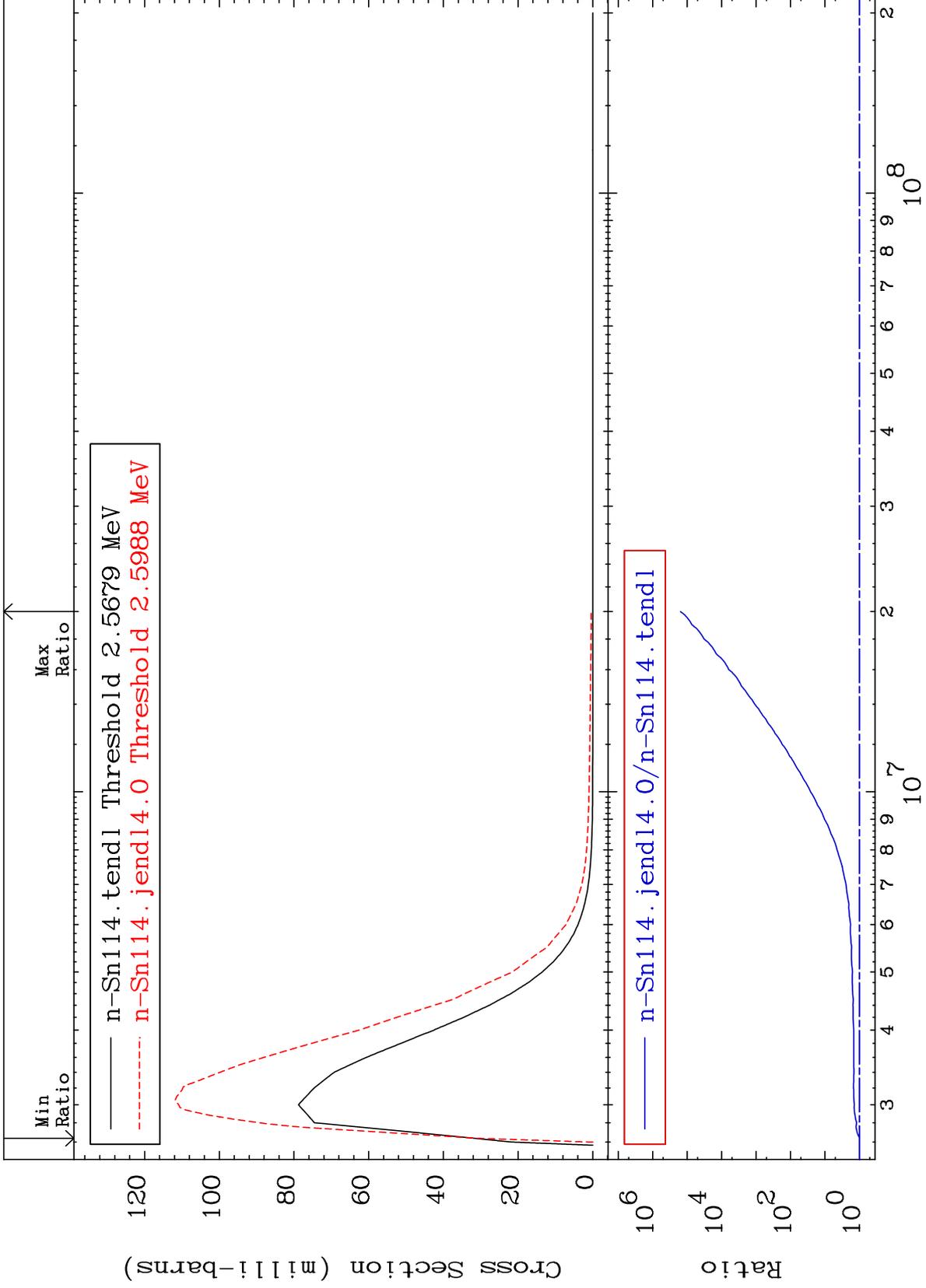
Incident Energy (eV)

50-Sn-114

MAT 5031

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

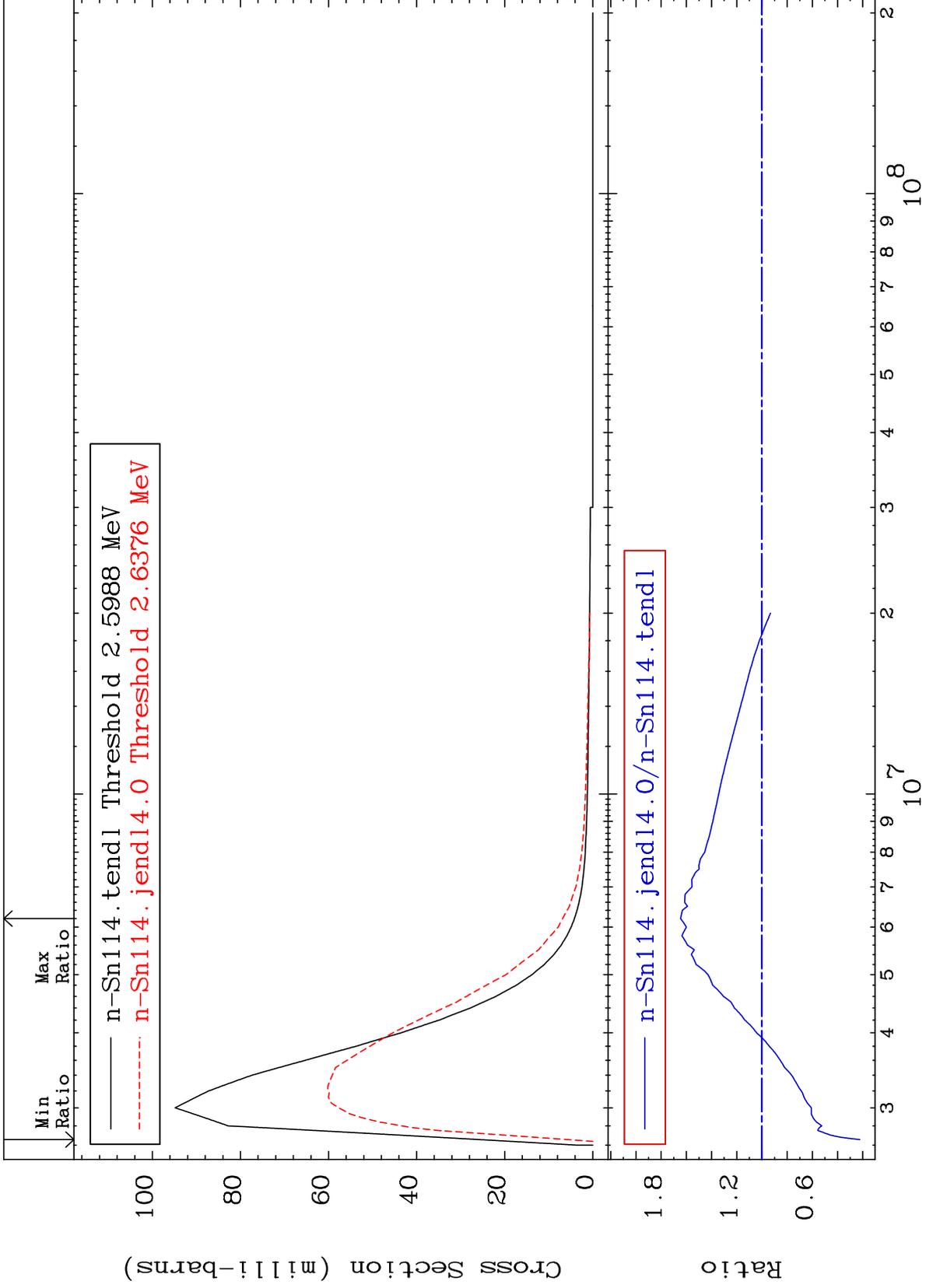
50-Sn-114  
-2.641 To 9999. %



MAT 5031

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

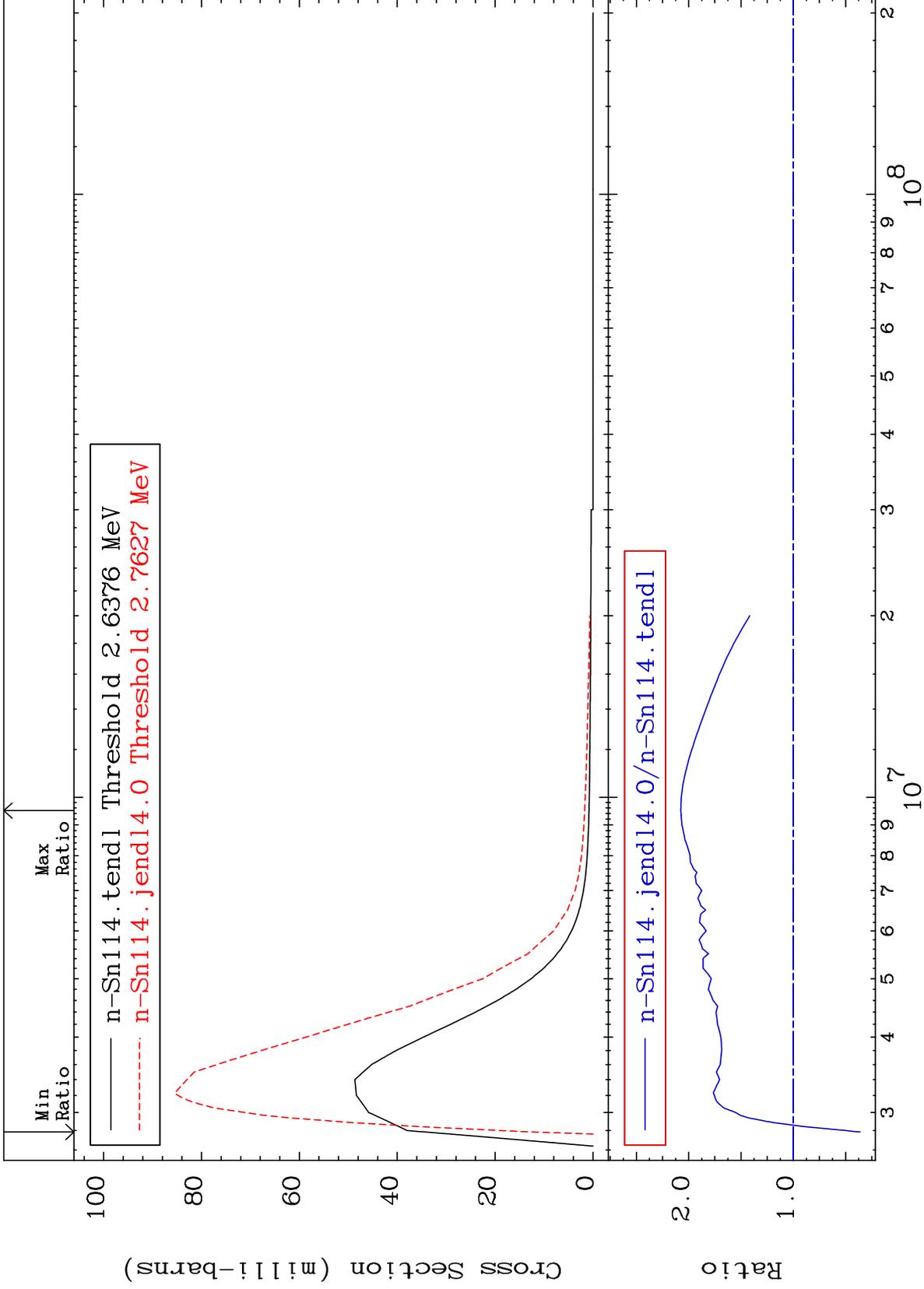
50-Sn-114  
-77.61 To 64.62 %



MAT 5031

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

50-Sn-114  
-63.85 To 107.6 %



20

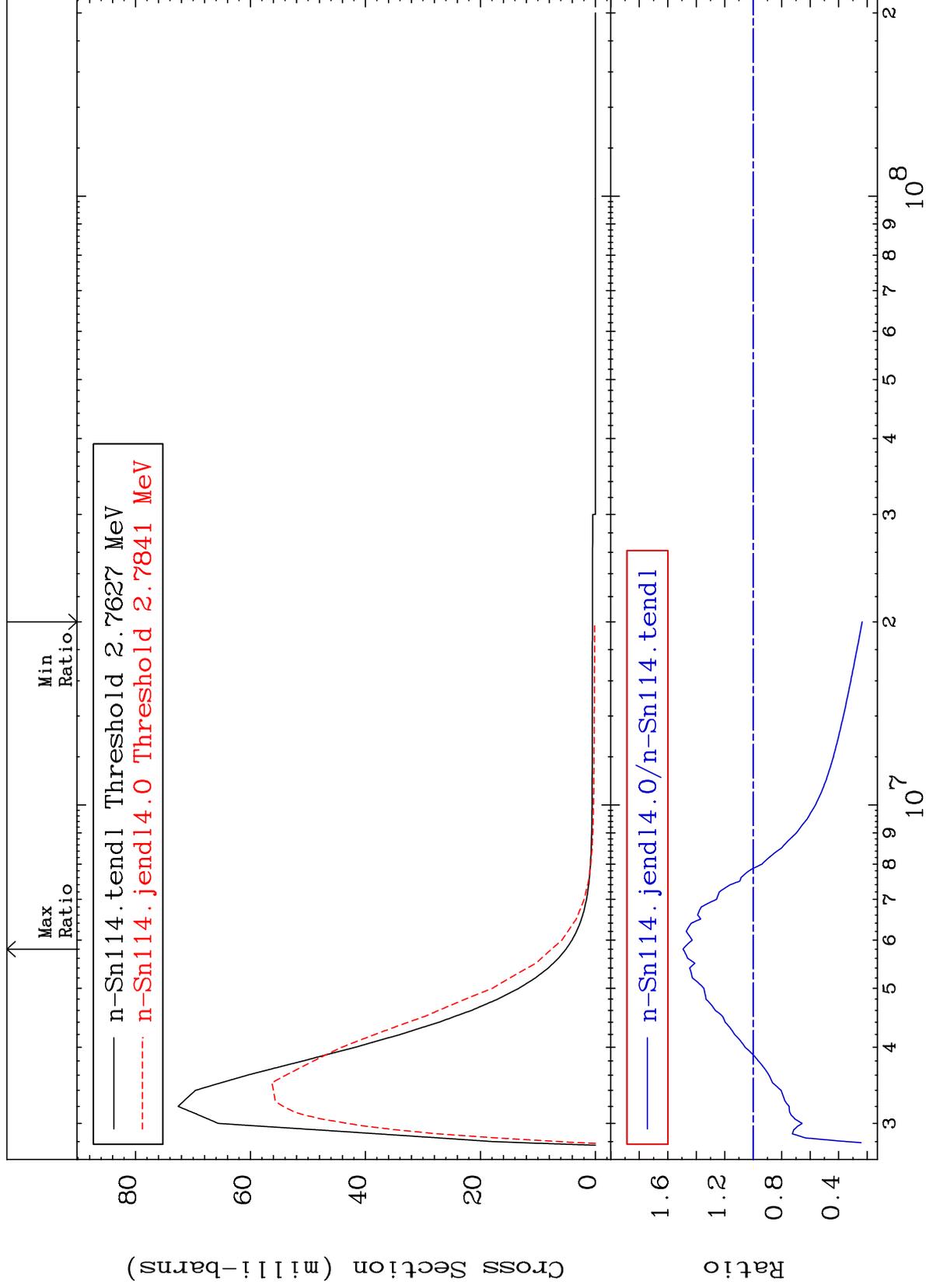
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114  
-76.50 To 49.27 %



21

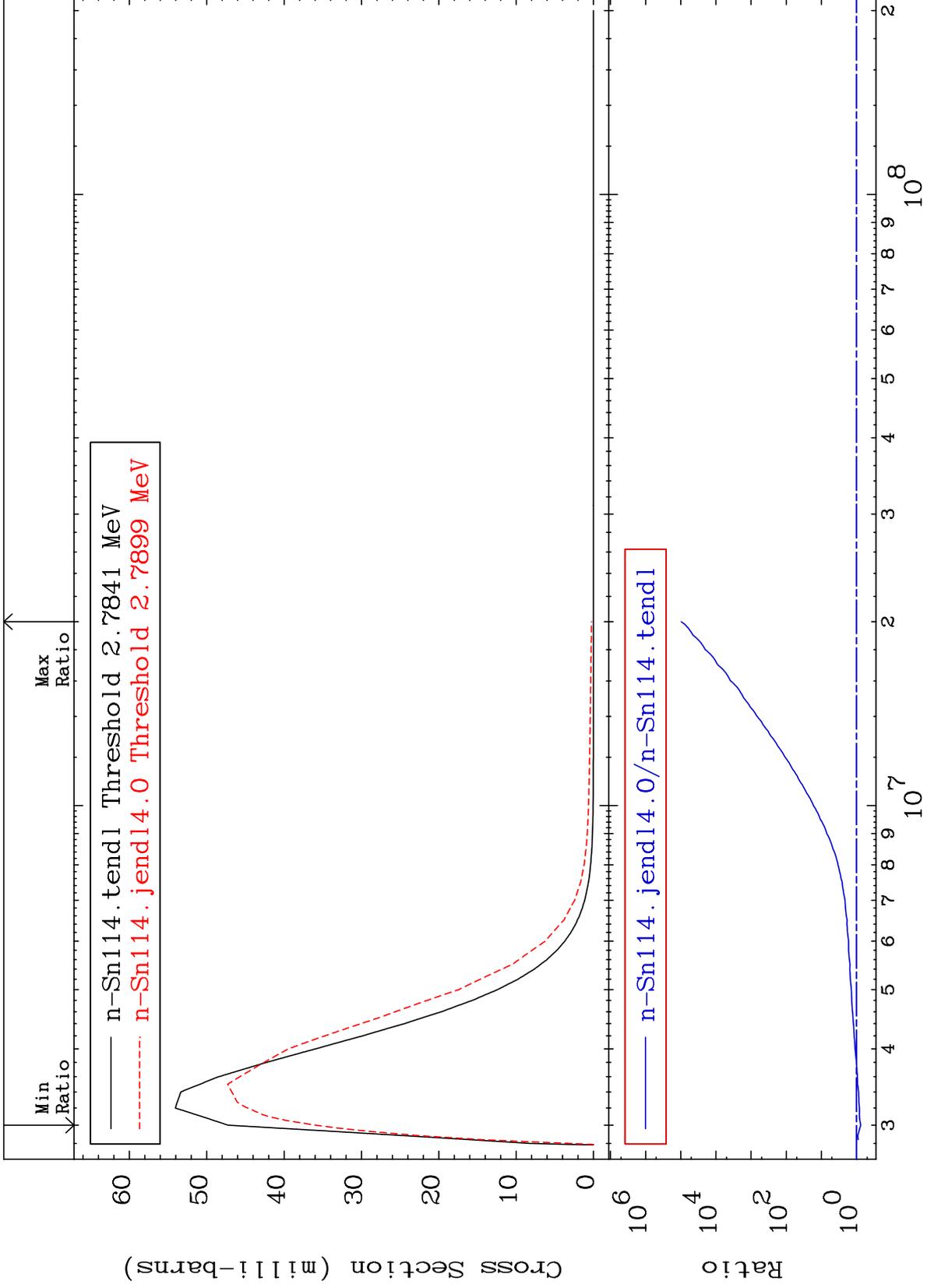
Incident Energy (eV)

50-Sn-114

MAT 5031

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

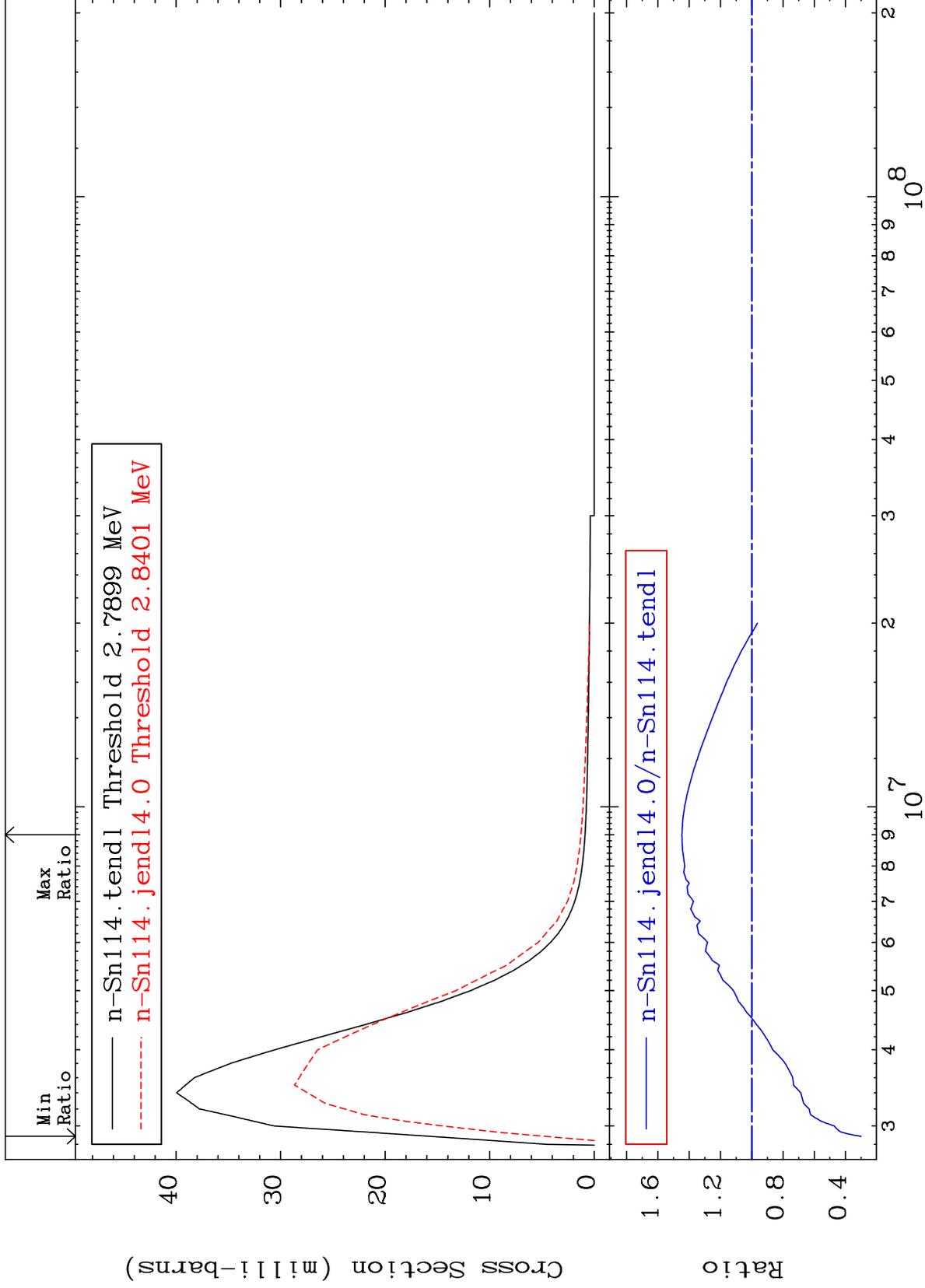
50-Sn-114  
-23.97 To 9999. %



MAT 5031

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

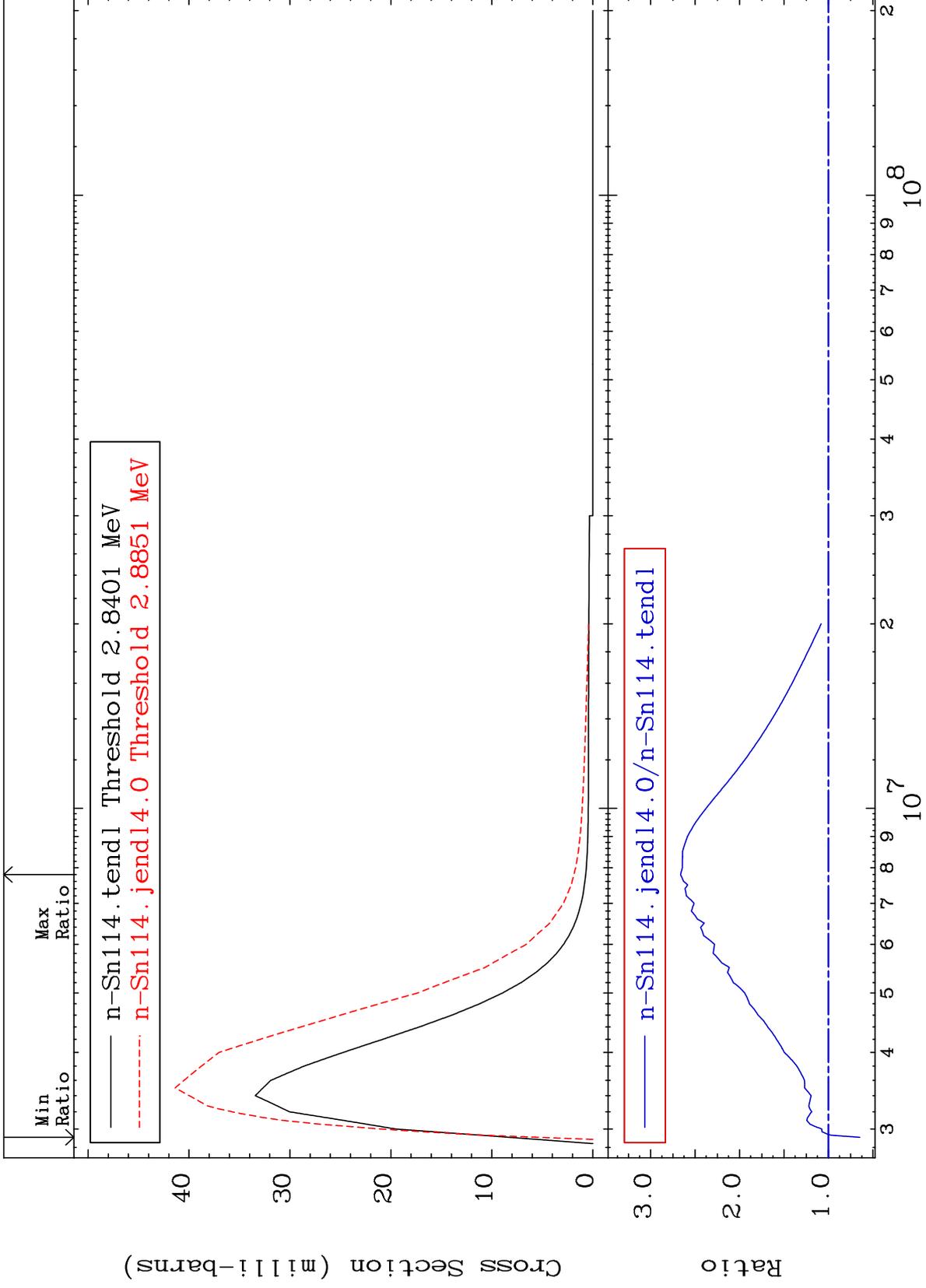
50-Sn-114  
-69.96 To 44.64 %



MAT 5031

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

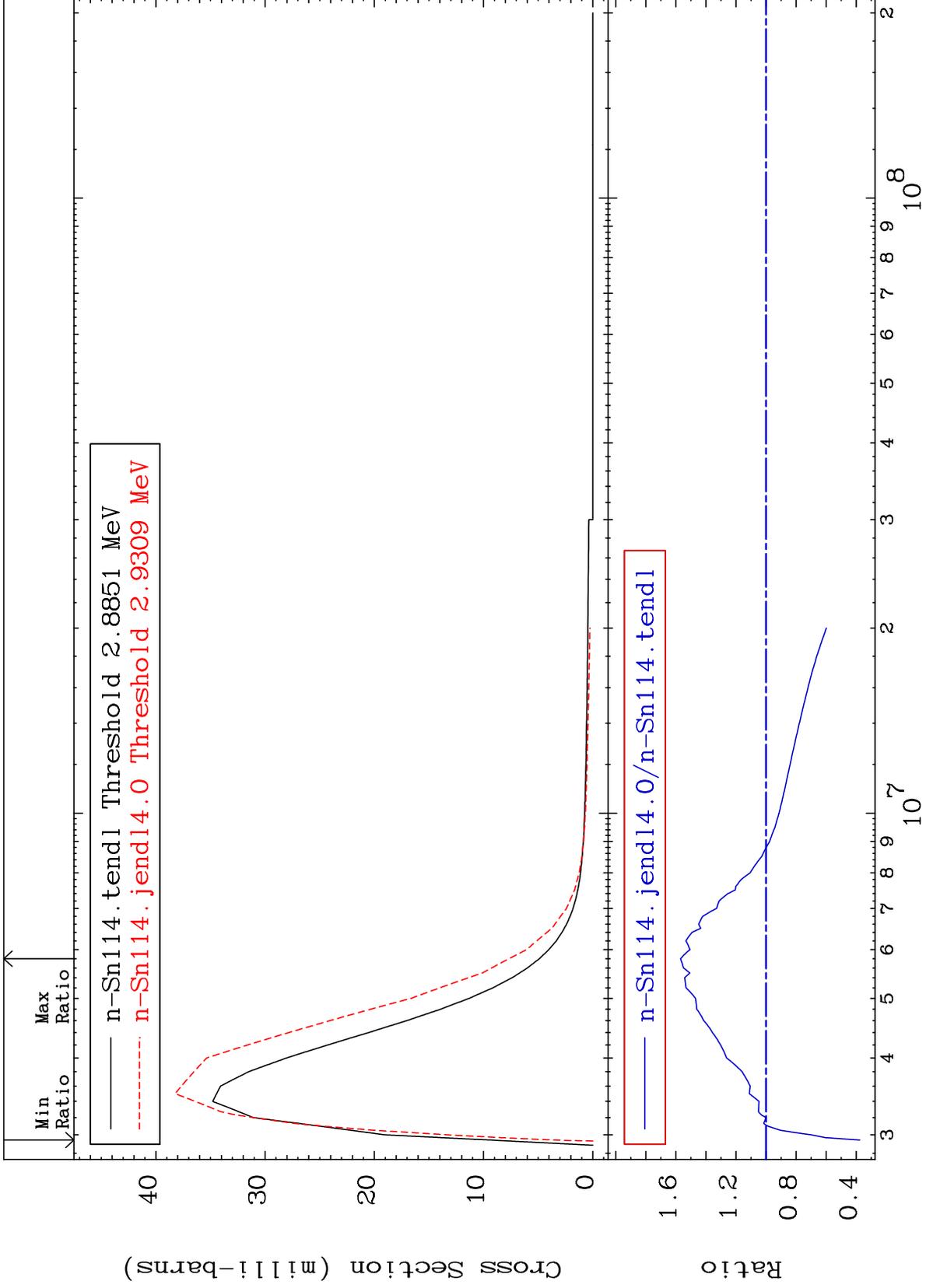
50-Sn-114  
-35.25 To 166.5 %



MAT 5031

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

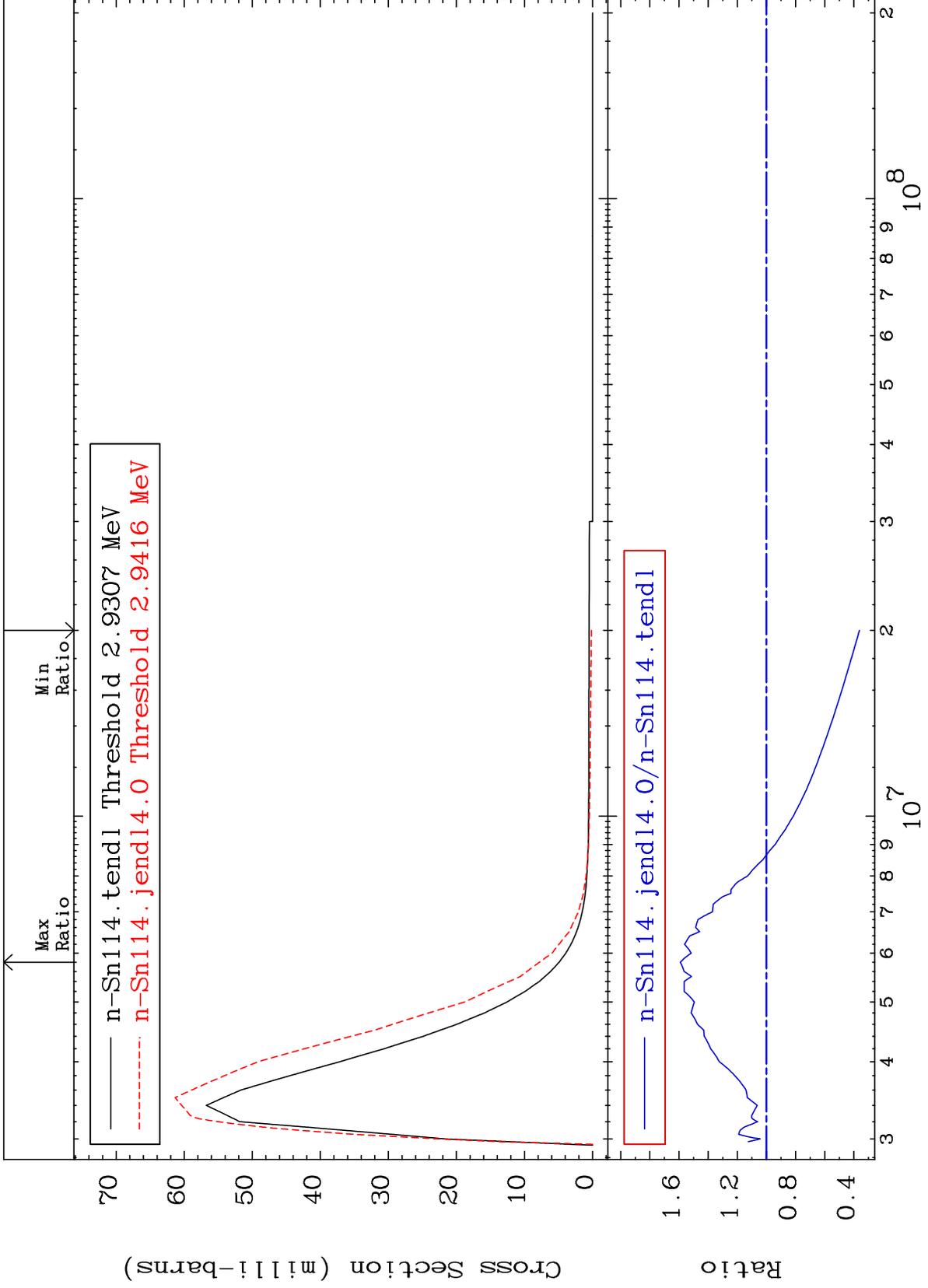
50-Sn-114  
-62.43 To 56.85 %



MAT 5031

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

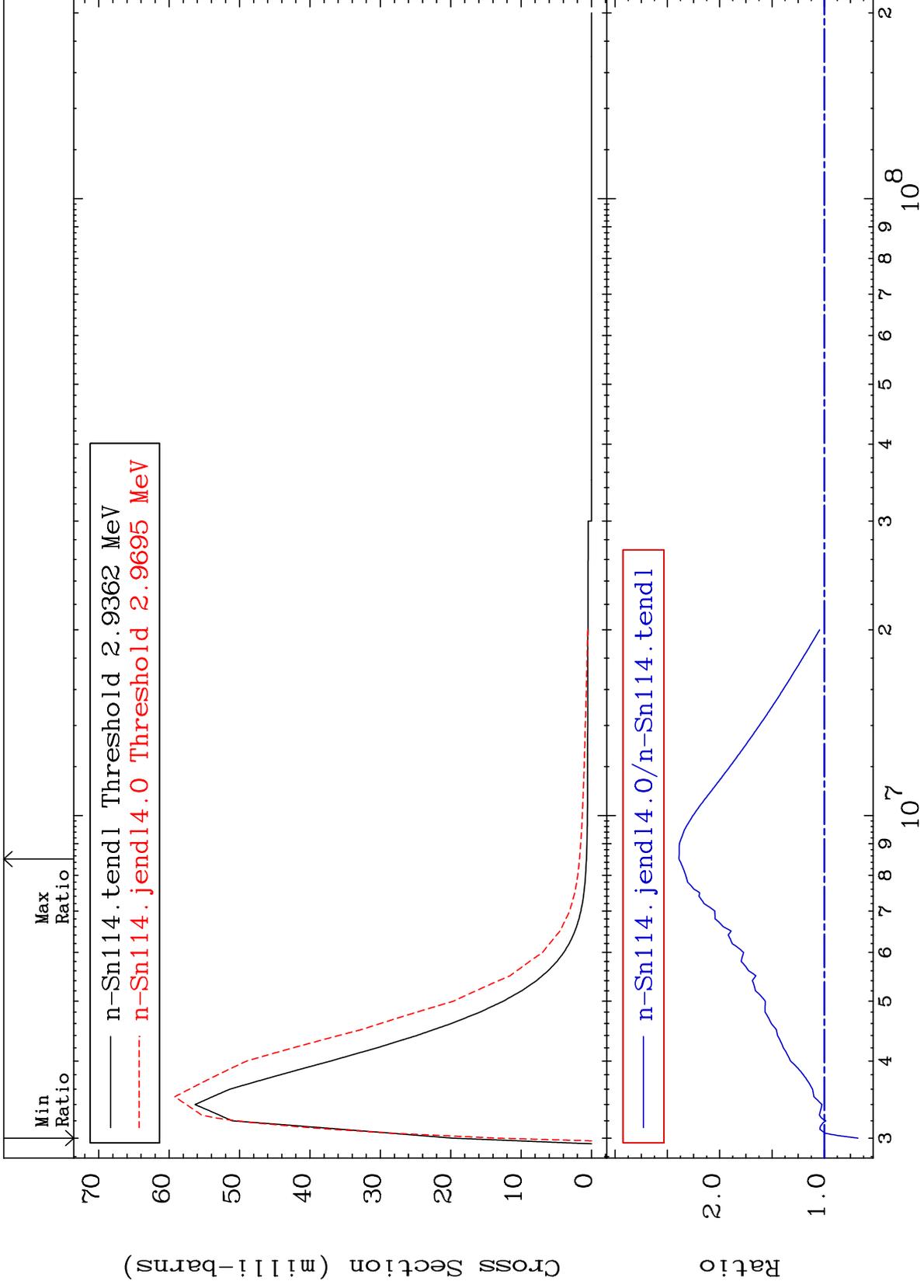
50-Sn-114  
-63.82 To 59.12 %



MAT 5031

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

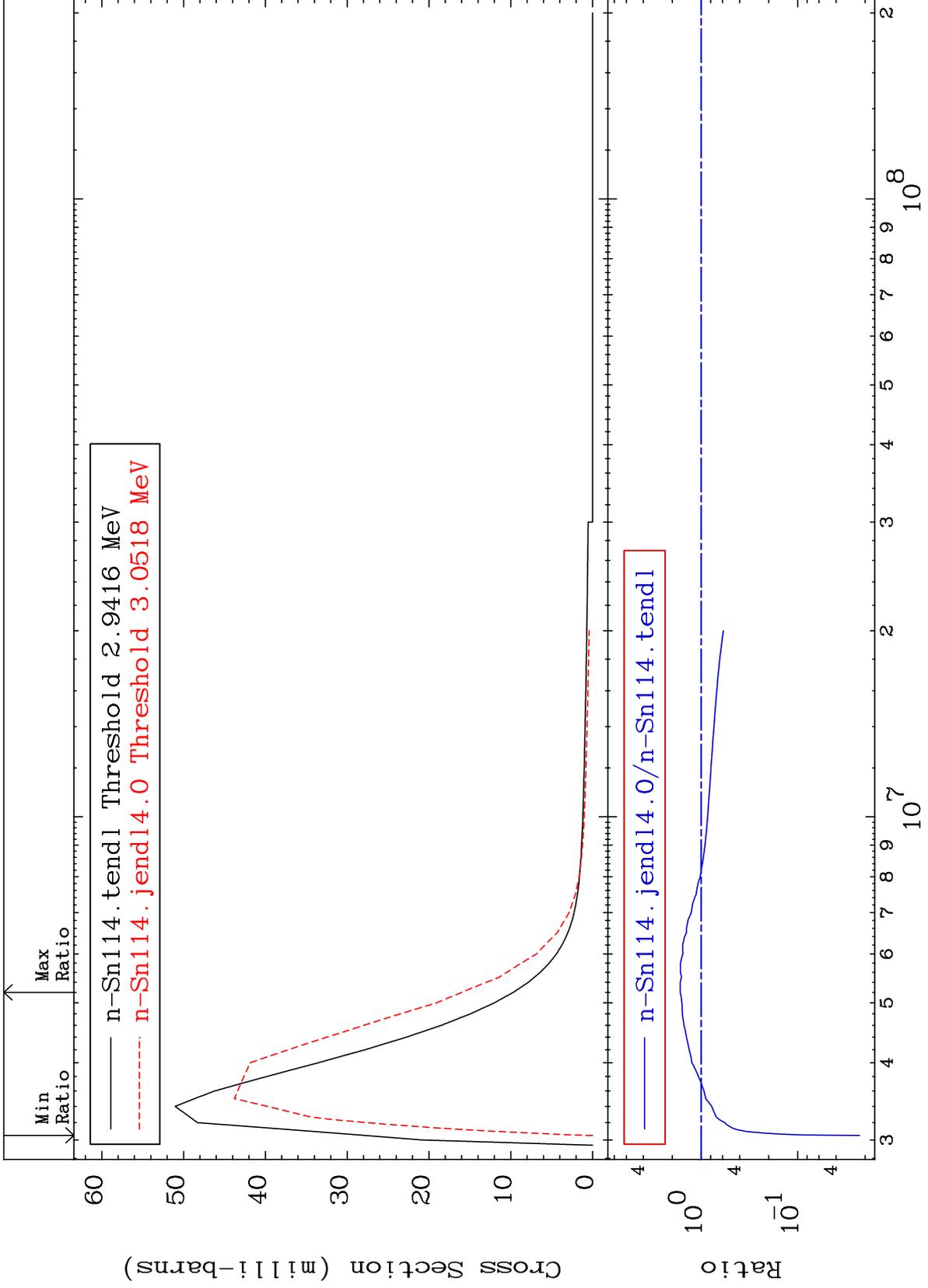
50-Sn-114  
-32.14 To 138.9 %



MAT 5031

MT= 70 (n,n') Level  
Cross Section

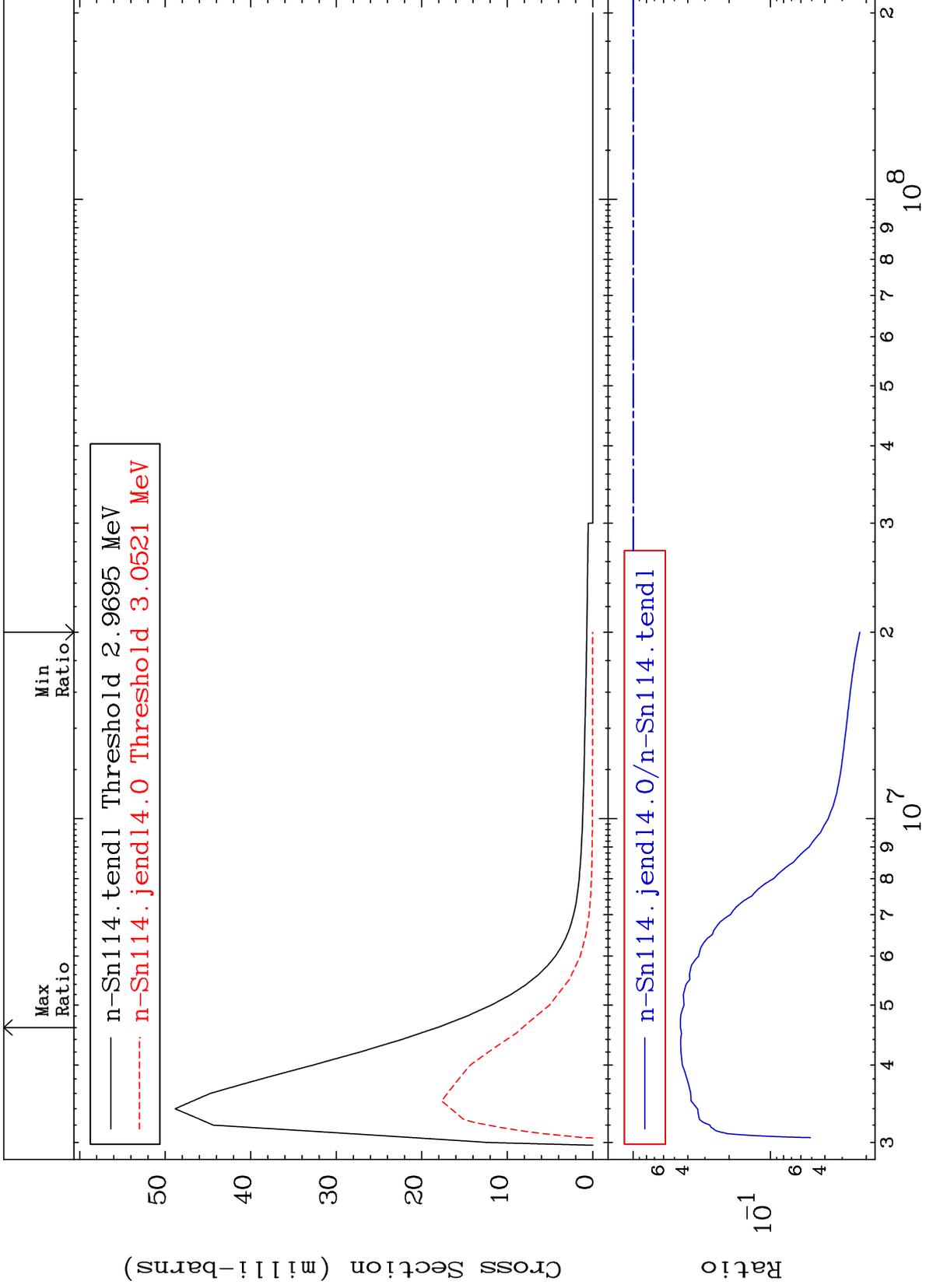
50-Sn-114  
-97.72 To 65.33 %



MAT 5031

MT= 71 (n,n') Level  
Cross Section

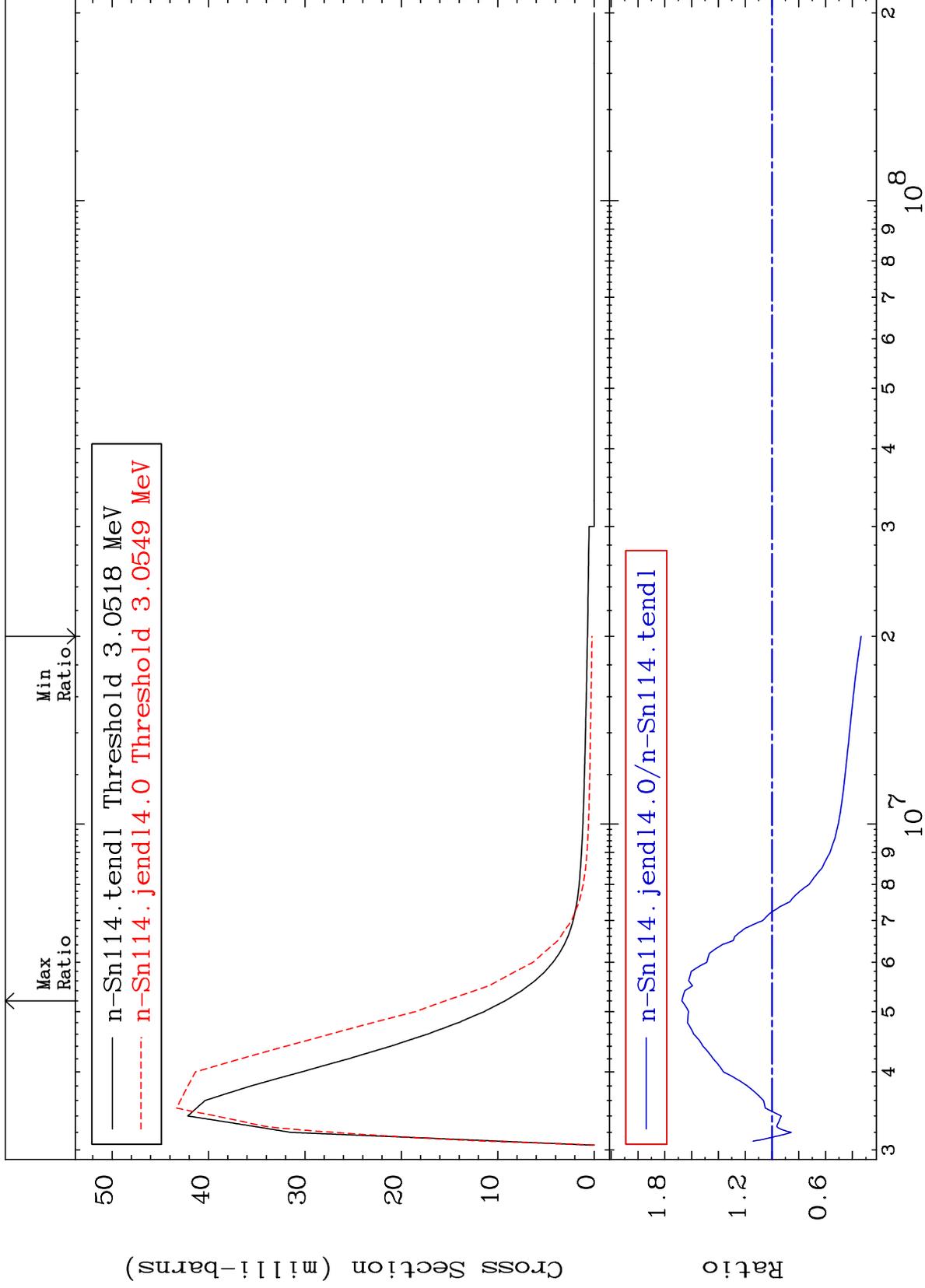
50-Sn-114  
-97.77 To -54.89%



MAT 5031

MT= 72 (n,n') Level  
Cross Section

50-Sn-114  
-66.49 To 67.25 %



30

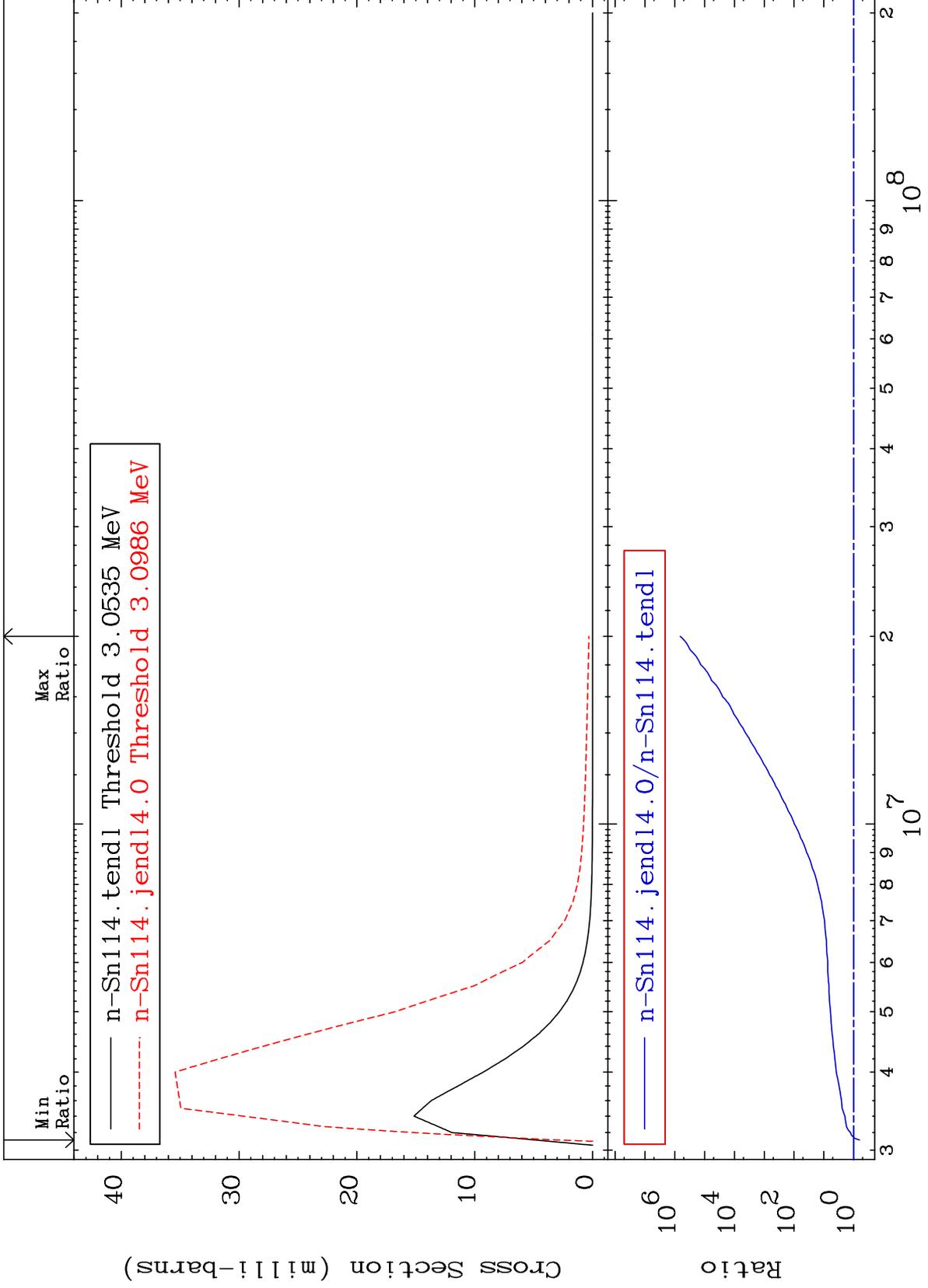
Incident Energy (eV)

50-Sn-114

MAT 5031

MT= 73 (n,n') Level  
Cross Section

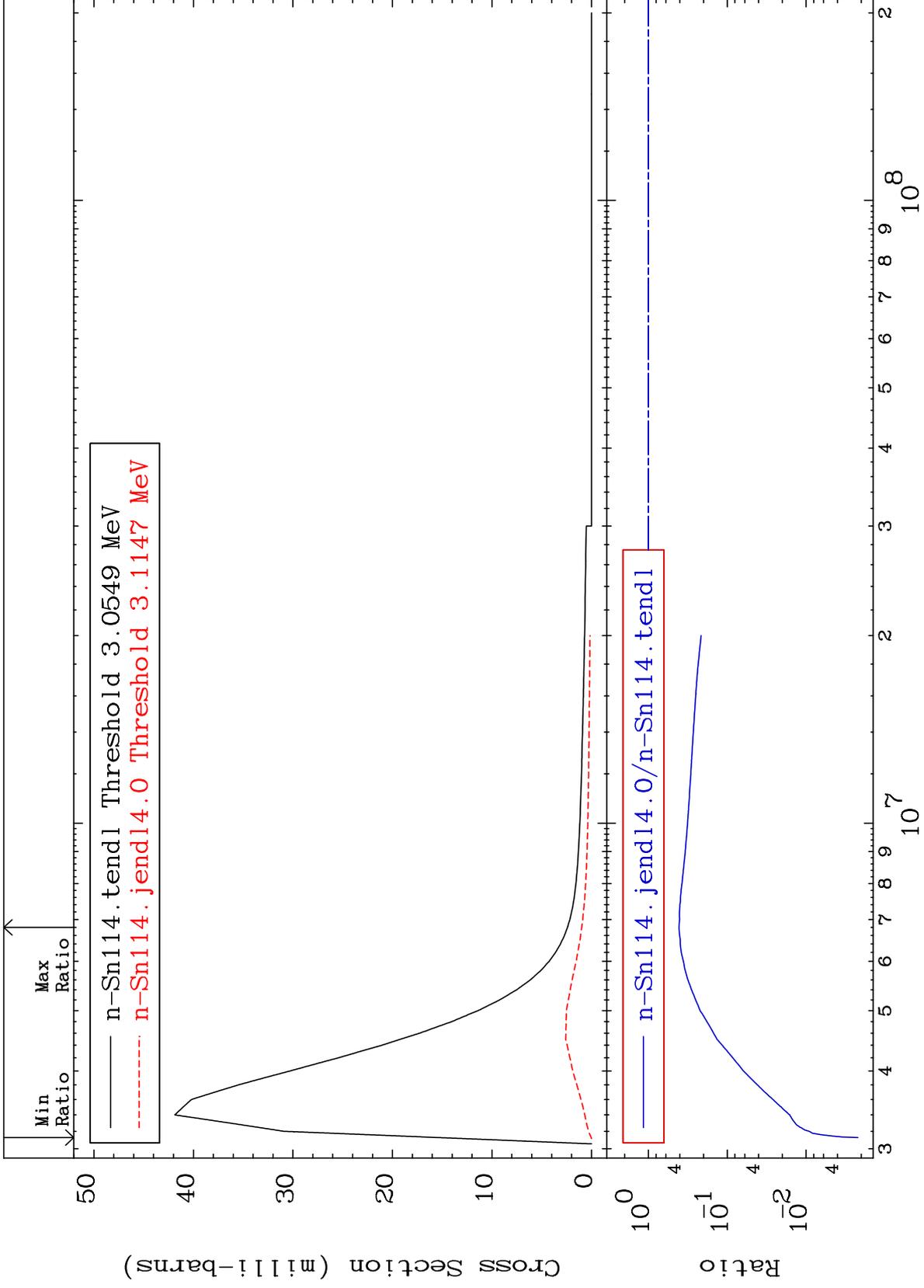
50-Sn-114  
-36.33 To 9999. %



MAT 5031

MT= 74 (n,n') Level  
Cross Section

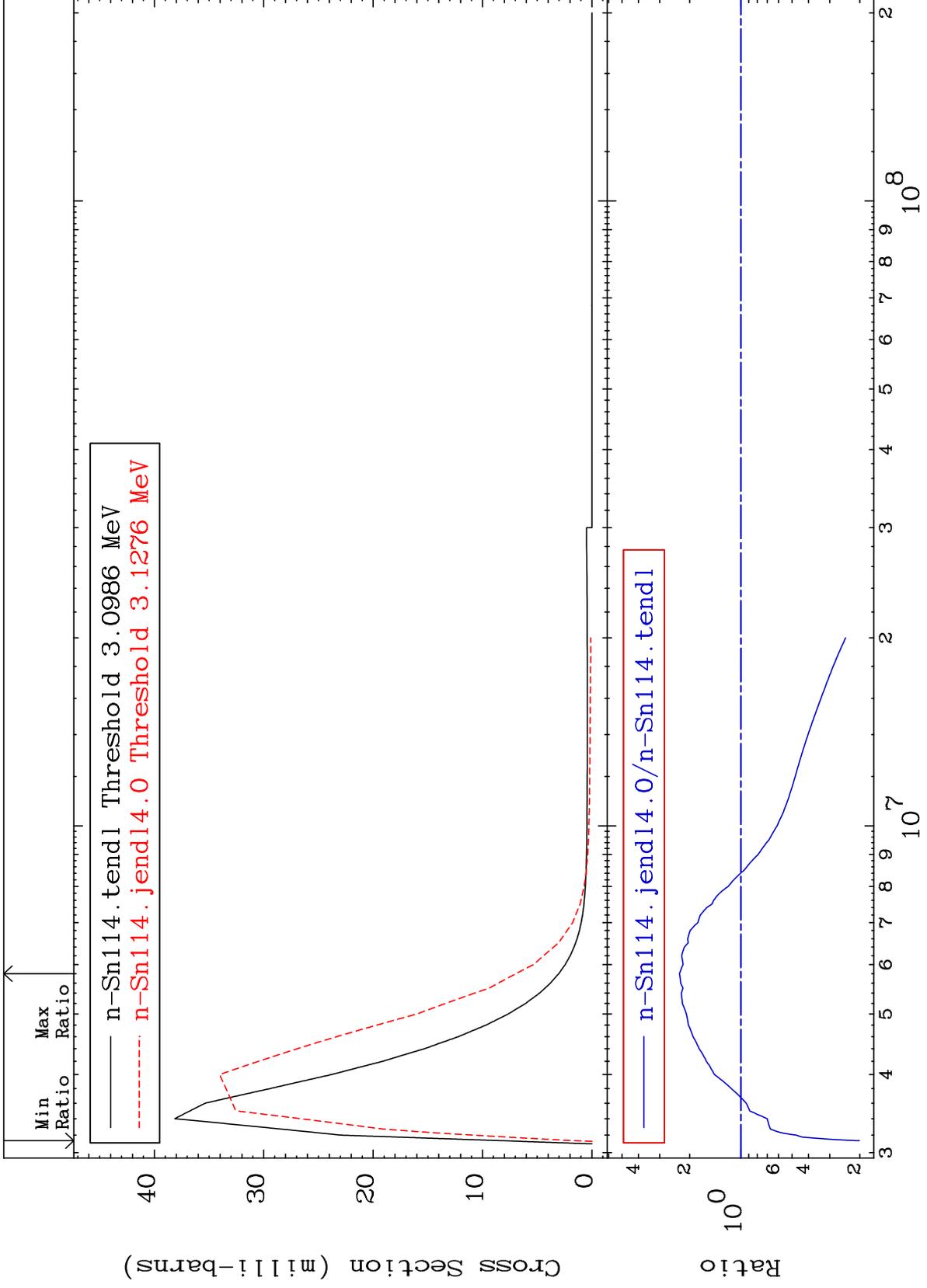
50-Sn-114  
-99.78 To -59.18%



MAT 5031

MT= 75 (n,n') Level  
Cross Section

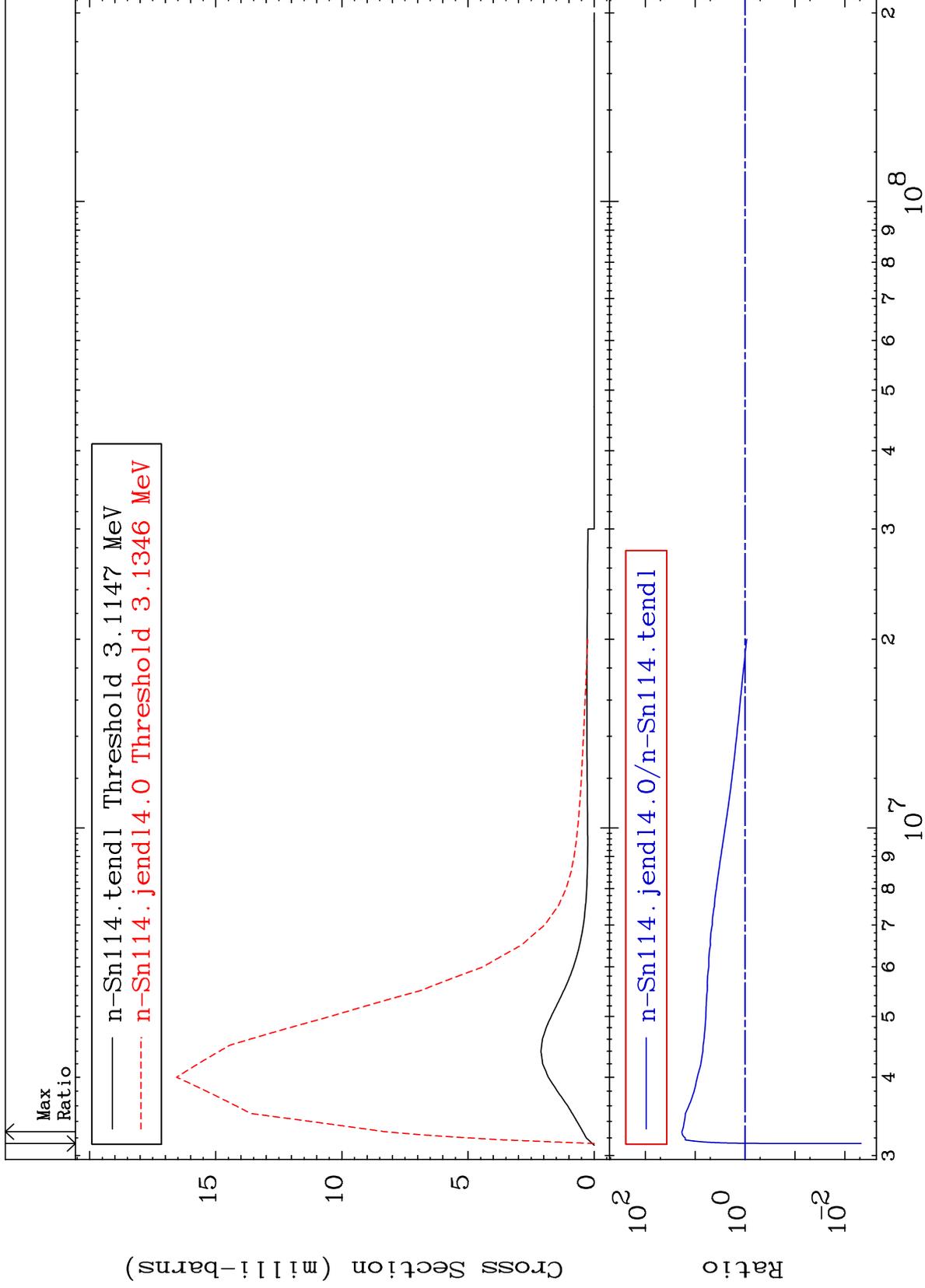
50-Sn-114  
-79.69 To 129.4 %



MAT 5031

MT= 76 (n,n') Level  
Cross Section

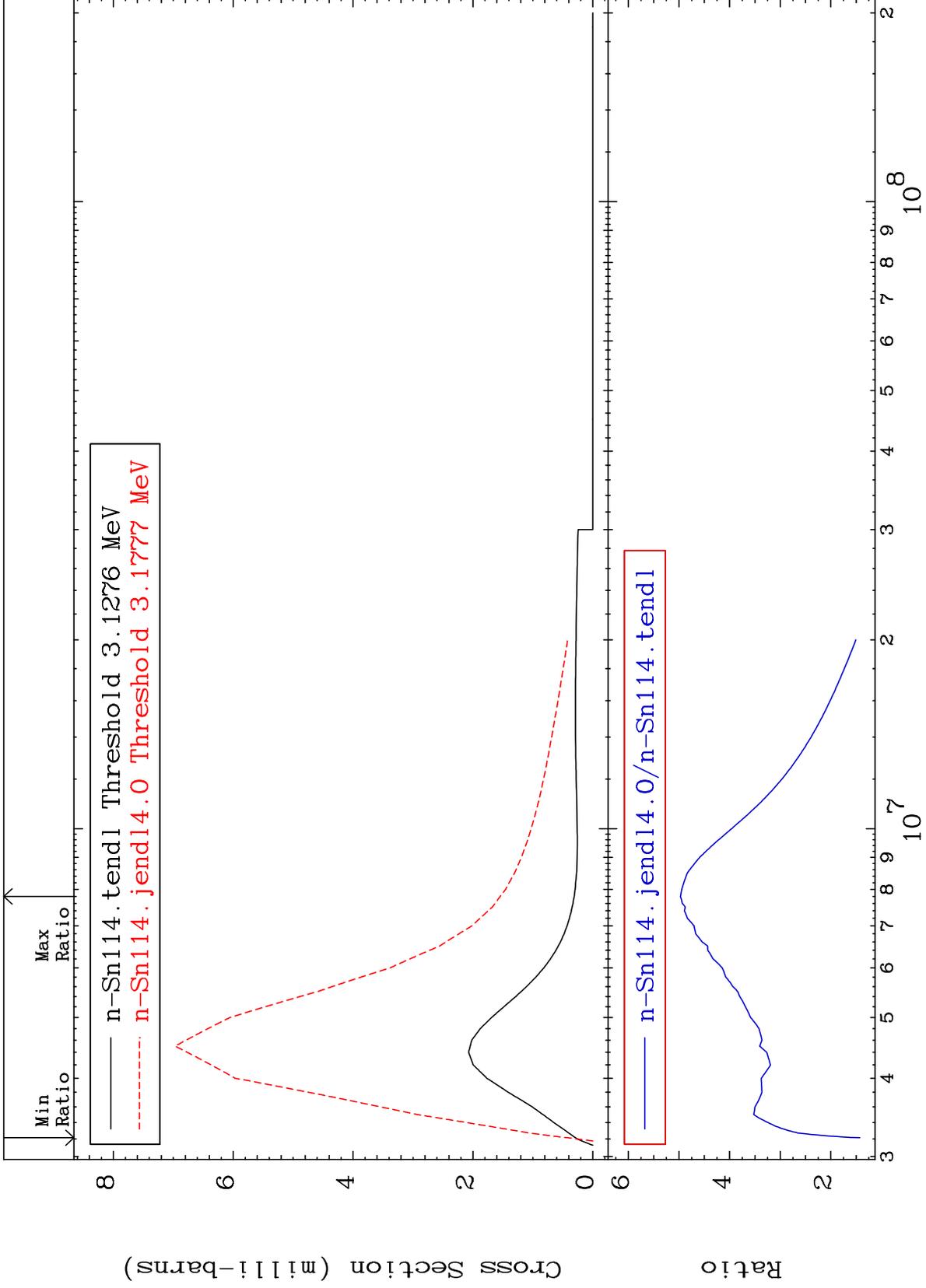
50-Sn-114  
-99.53 To 1751. %



MAT 5031

MT= 77 (n,n') Level  
Cross Section

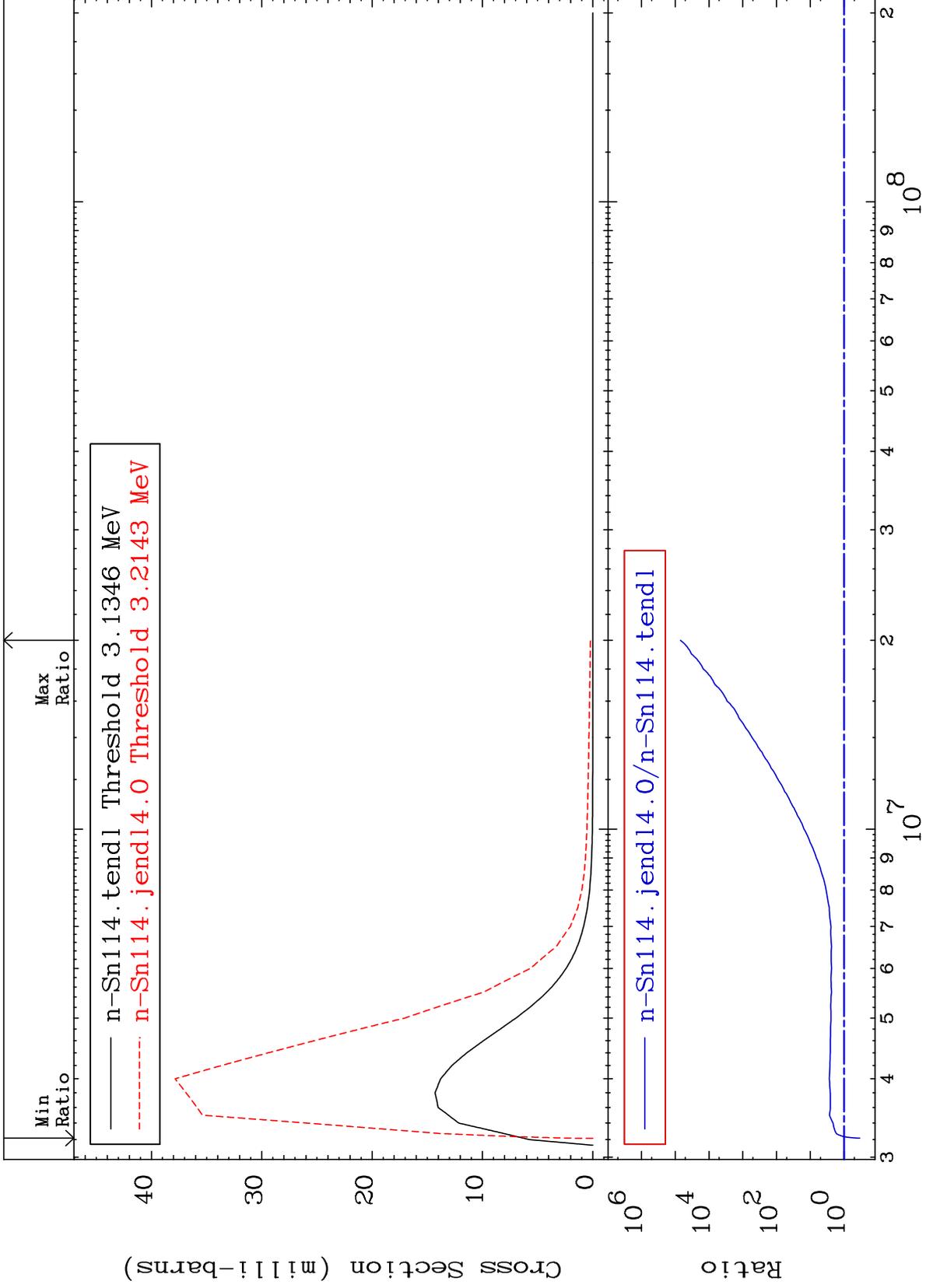
50-Sn-114  
42.87 To 397.0 %



MAT 5031

MT= 78 (n,n') Level  
Cross Section

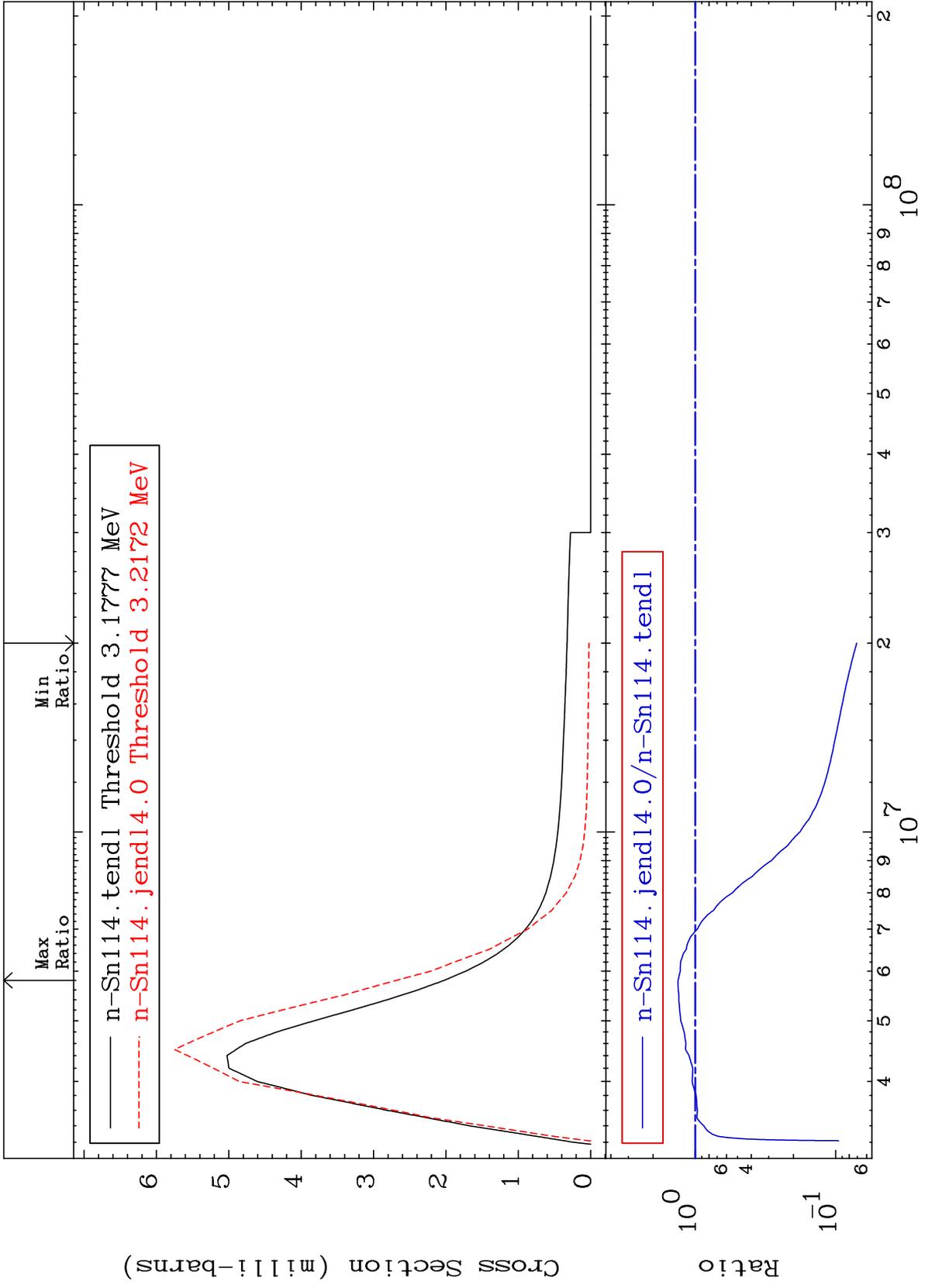
50-Sn-114  
-65.53 To 9999. %



MAT 5031

MT= 79 (n,n') Level  
Cross Section

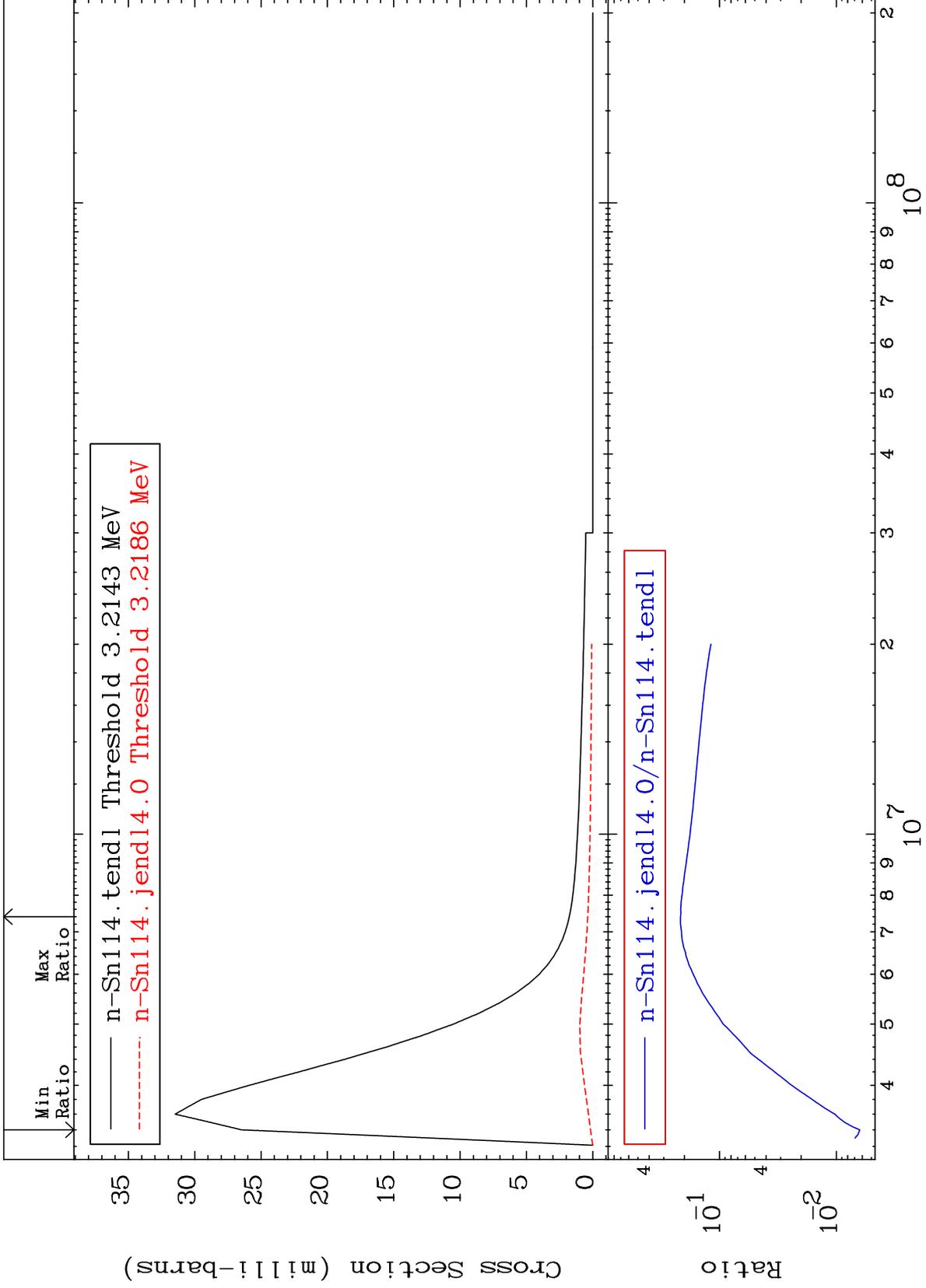
50-Sn-114  
-92.92 To 32.70 %



MAT 5031

MT= 80 (n,n') Level  
Cross Section

50-Sn-114  
-99.37 To -78.41%



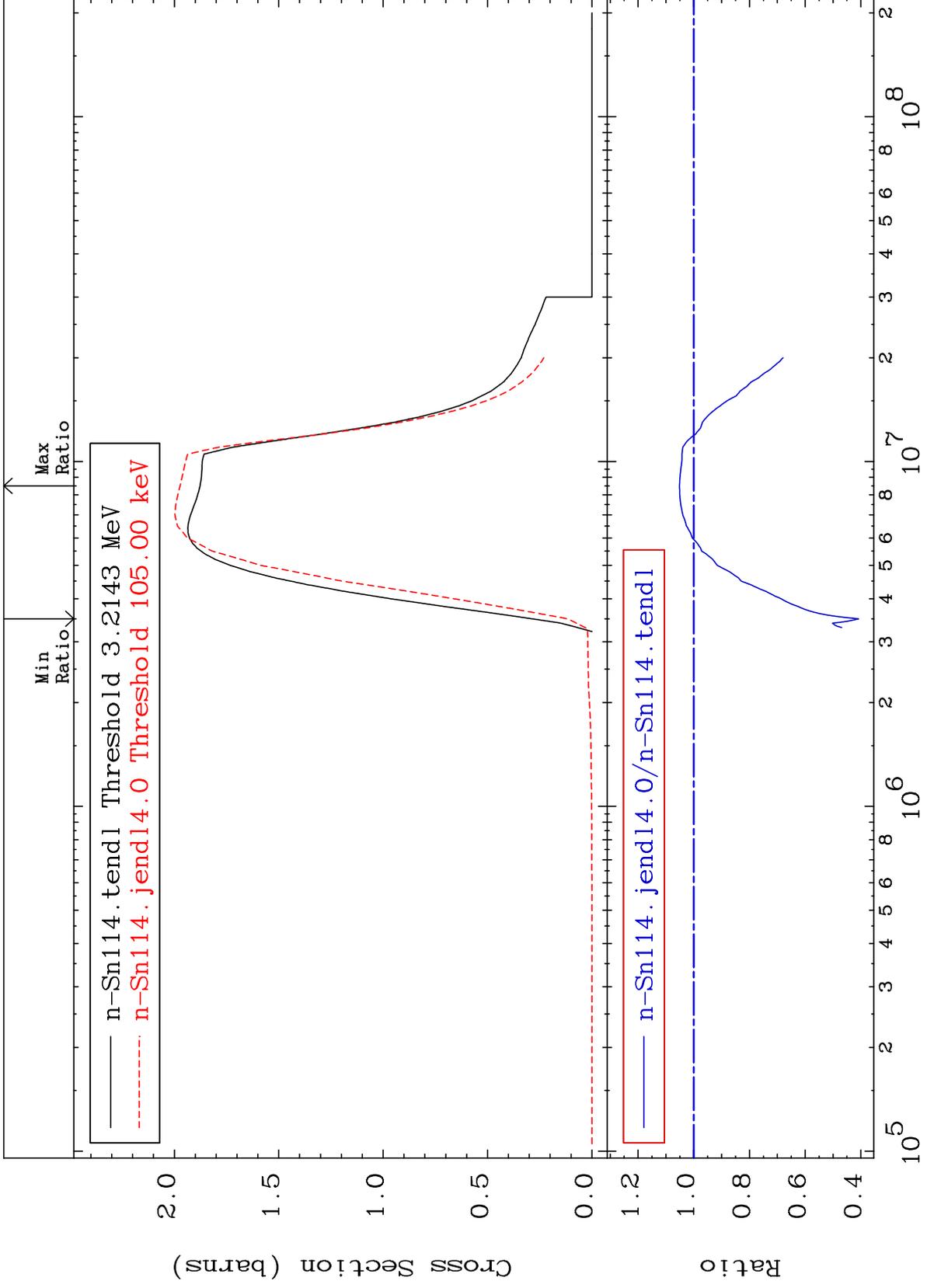
38

50-Sn-114

MAT 5031

(n, n') Continuum  
Cross Section

50-Sn-114  
-59.16 To 5.103 %



39

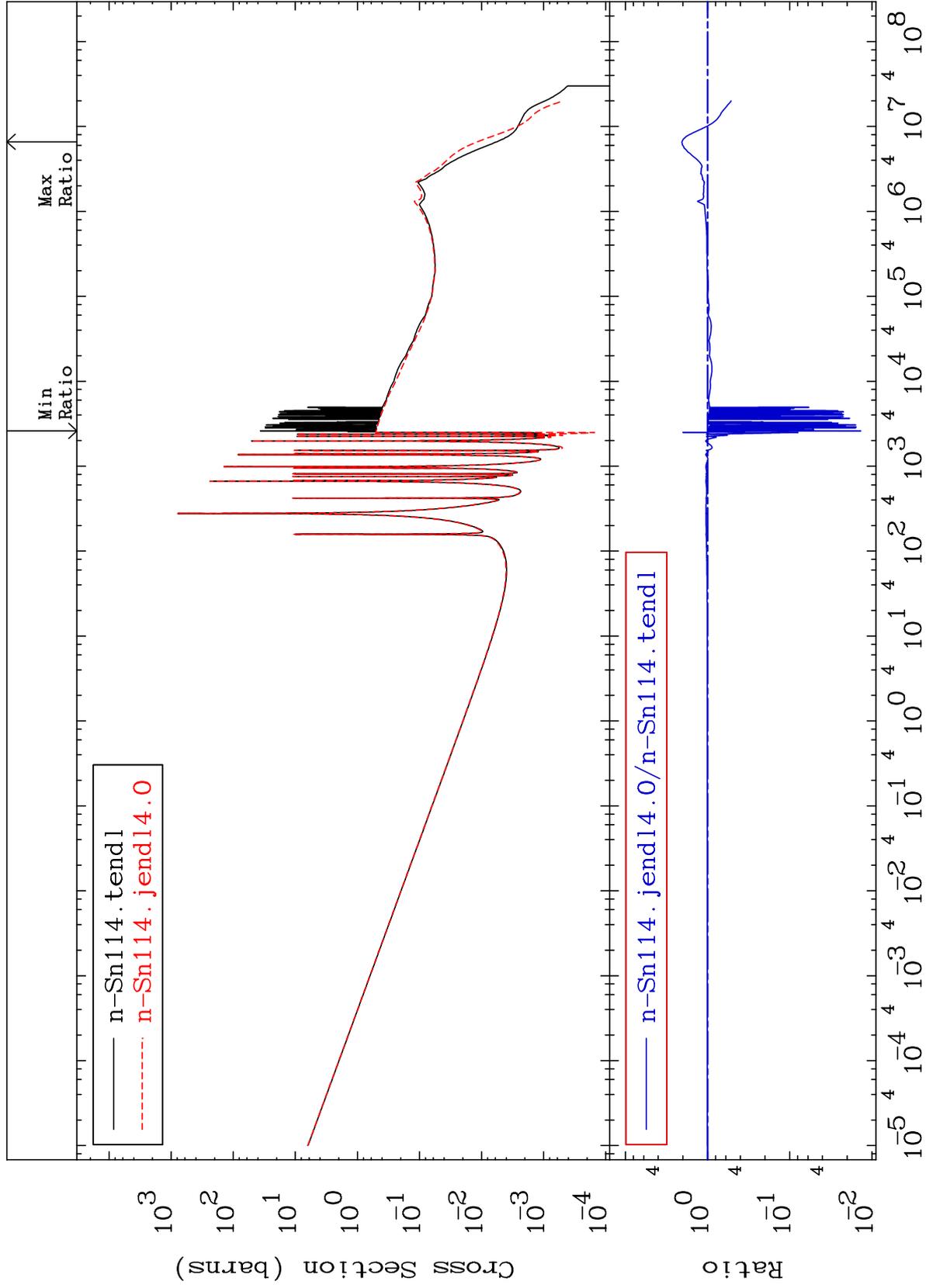
50-Sn-114

MAT 5031

50-Sn-114

(n,  $\gamma$ )  
Cross Section

-98.63 To 105.5 %



40

Incident Energy (eV)

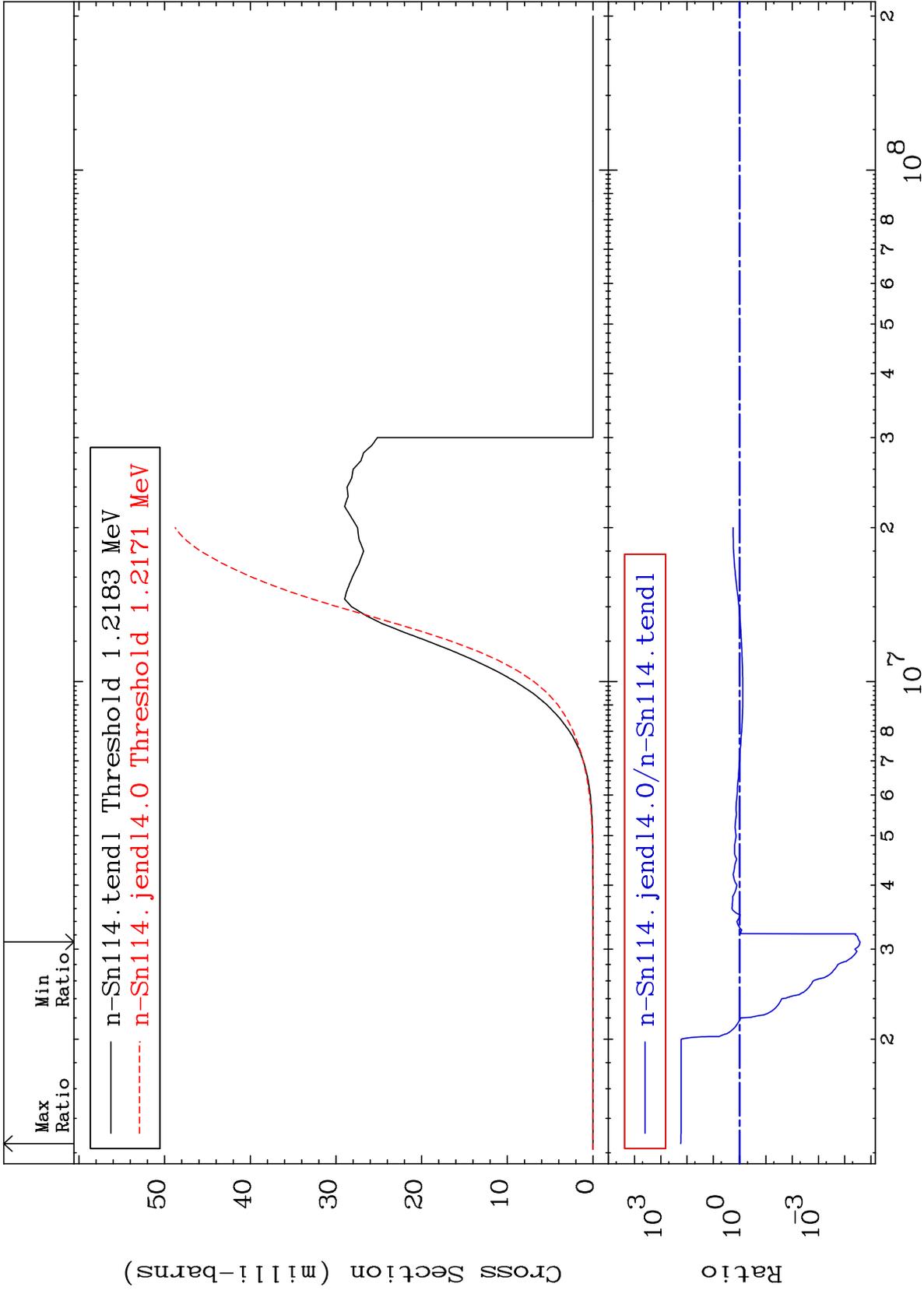
50-Sn-114

MAT 5031

(n,p)  
Cross Section

50-Sn-114

-100.0 To 9999. %



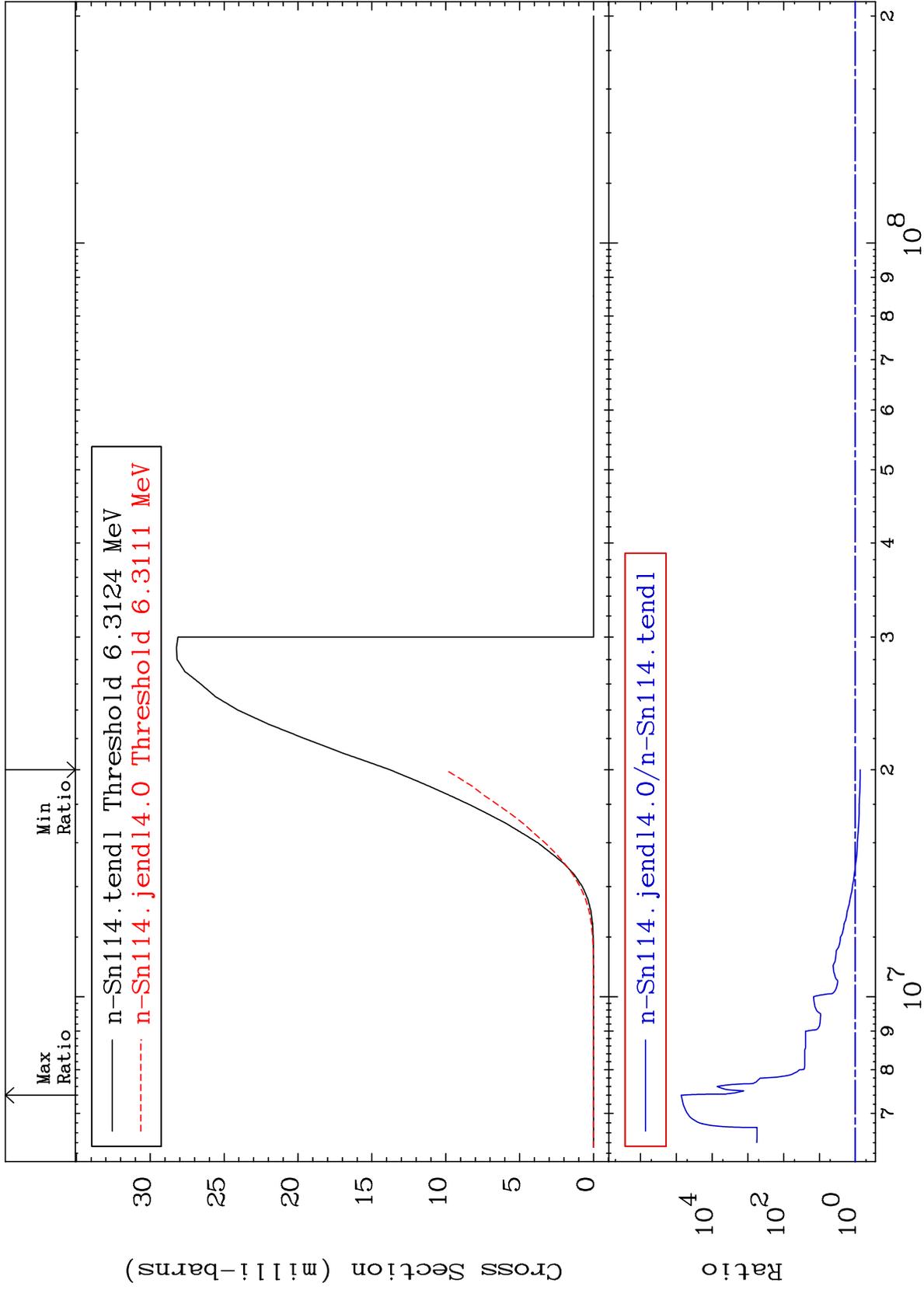
MAT 5031

(n, d)

50-Sn-114

Cross Section

-27.26 To 9999. %



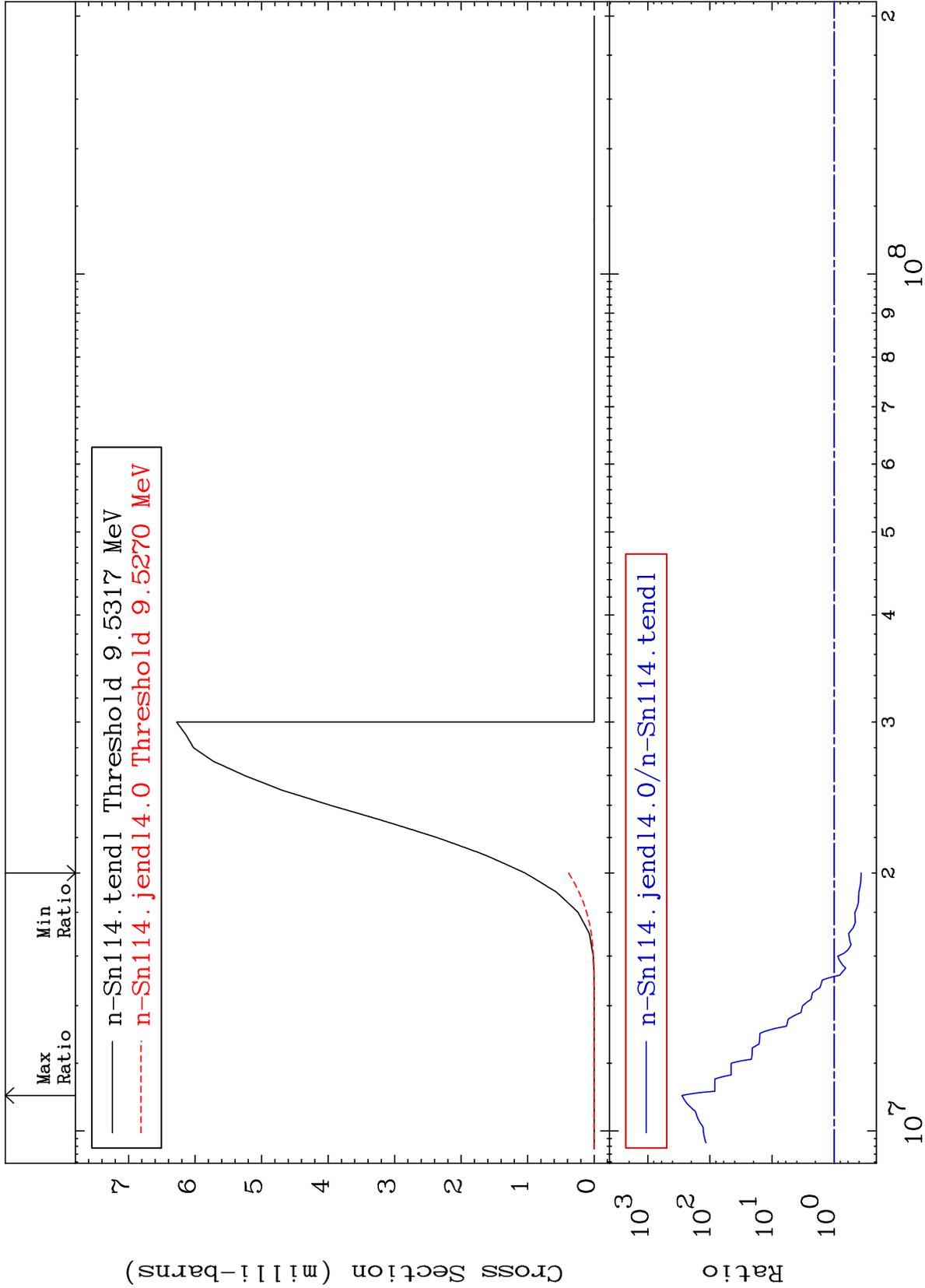
MAT 5031

(n, t)

50-Sn-114

Cross Section

-63.09 To 9999. %



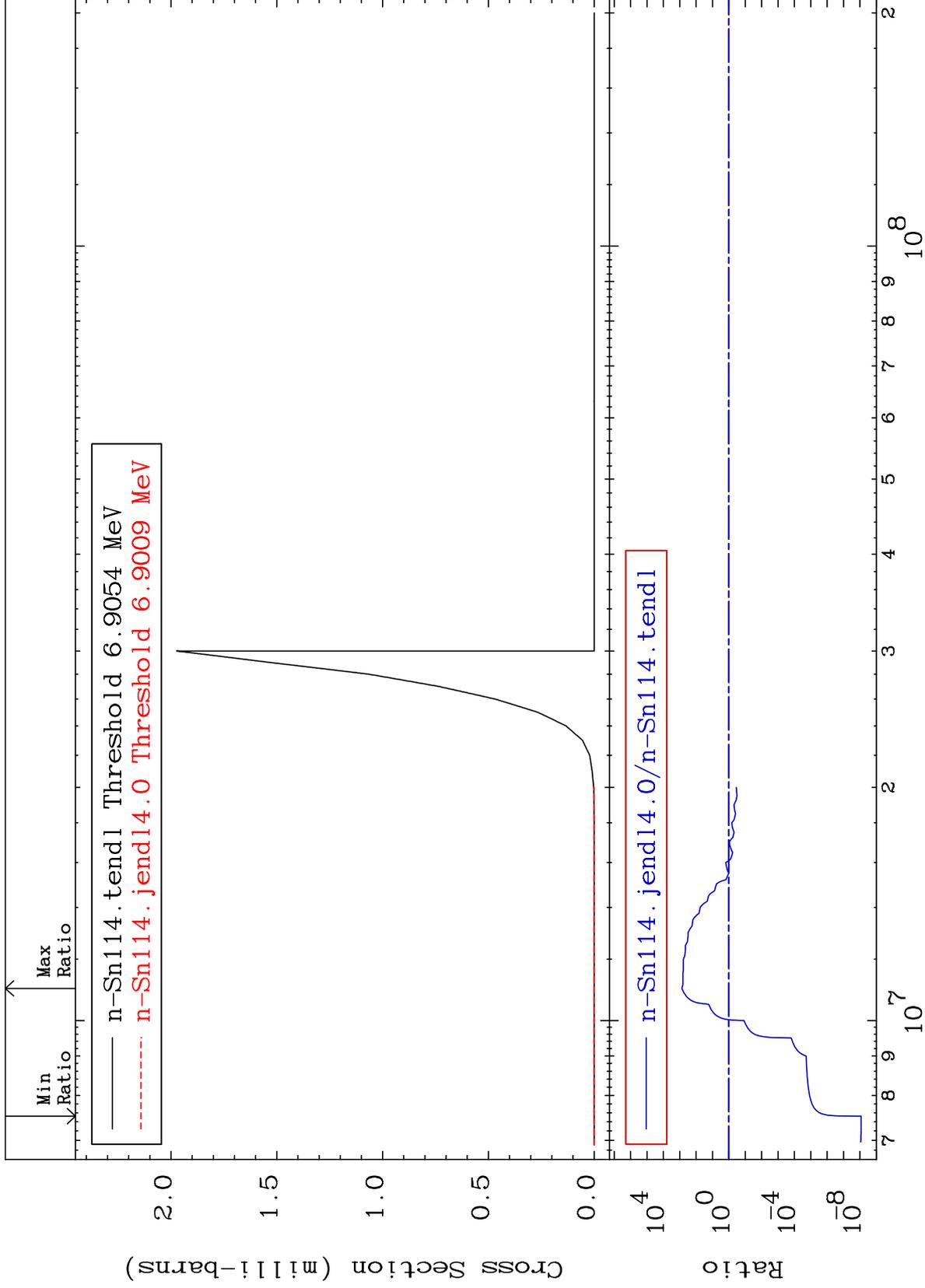
43

Incident Energy (eV)

50-Sn-114

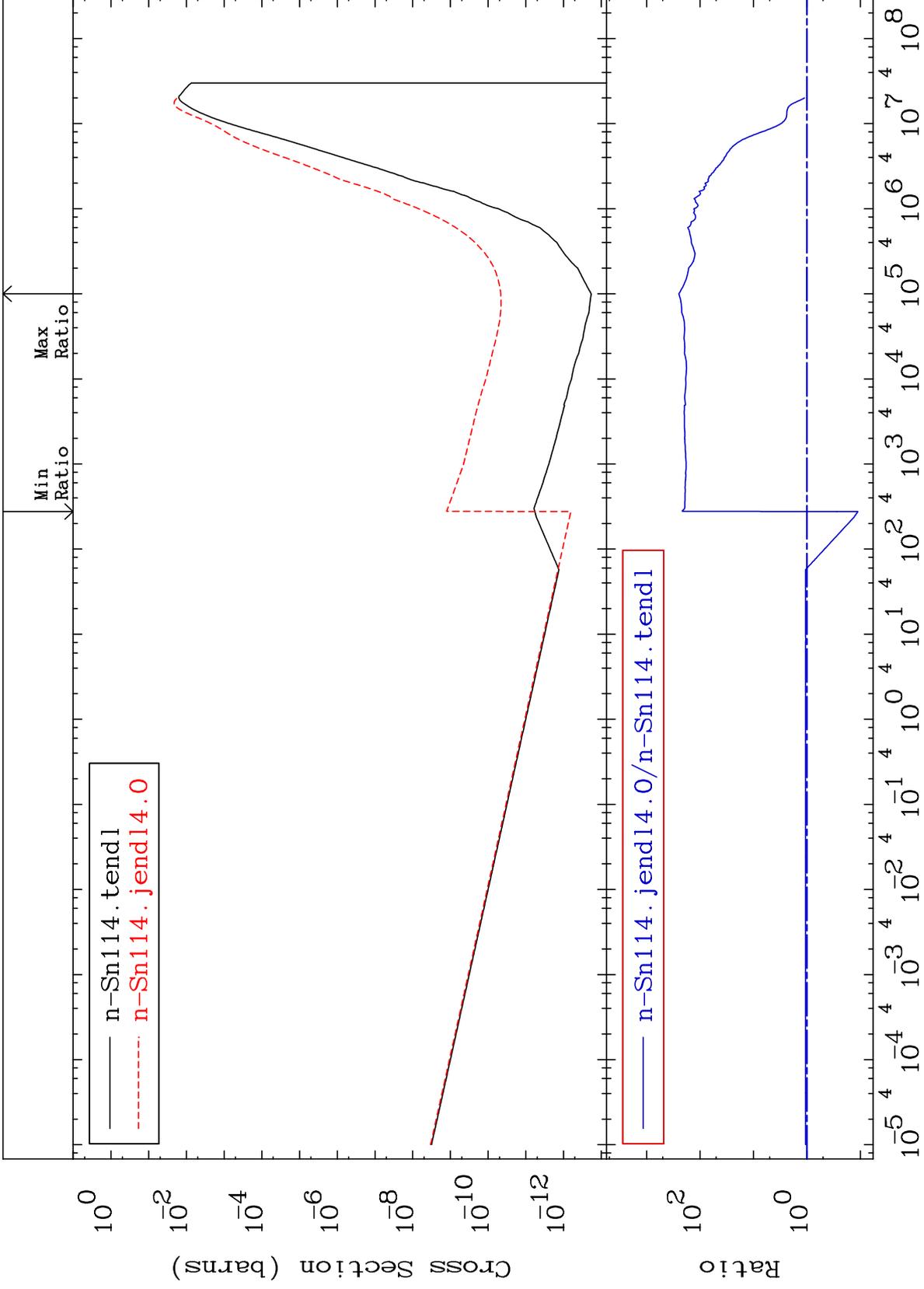
Cross Section

-100.0 To 9999. %



MAT 5031

(n,  $\alpha$ )  
Cross Section  
50-Sn-114  
-88.89 To 9999. %



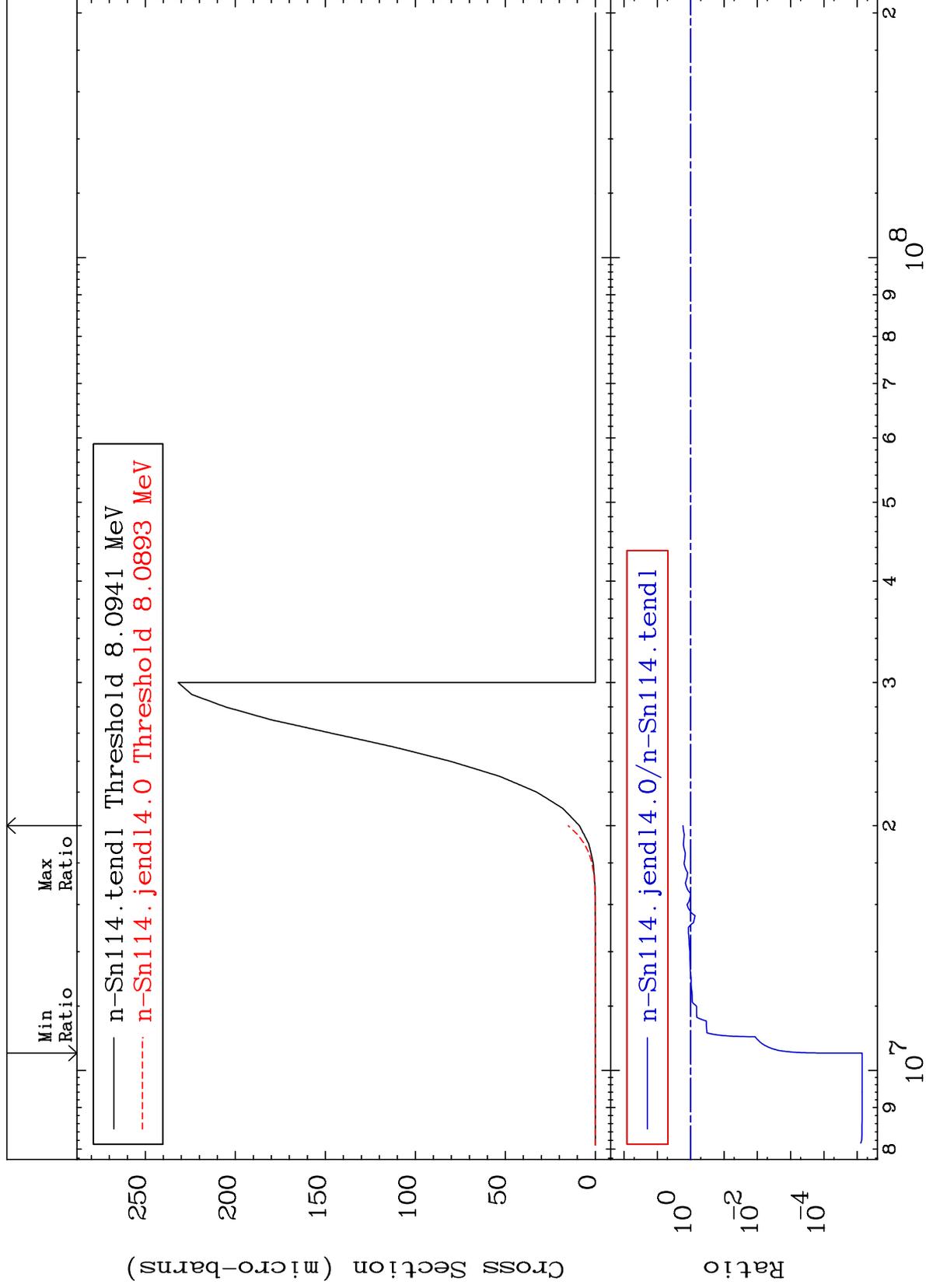
MAT 5031

(n,2p)

50-Sn-114

Cross Section

-100.0 To 69.67 %



46

Incident Energy (eV)

50-Sn-114

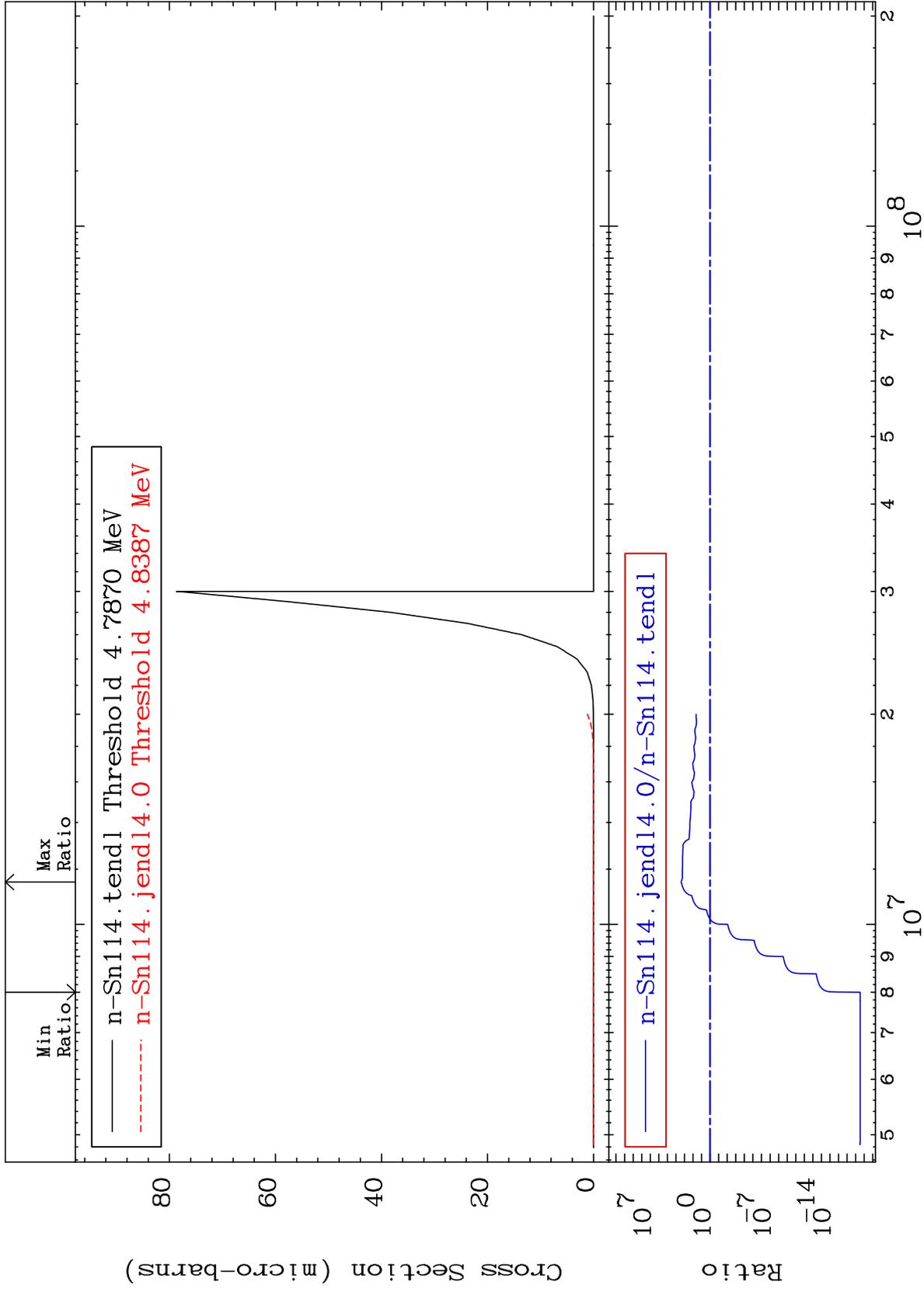
MAT 5031

(n, p)  $\alpha$

50-Sn-114

Cross Section

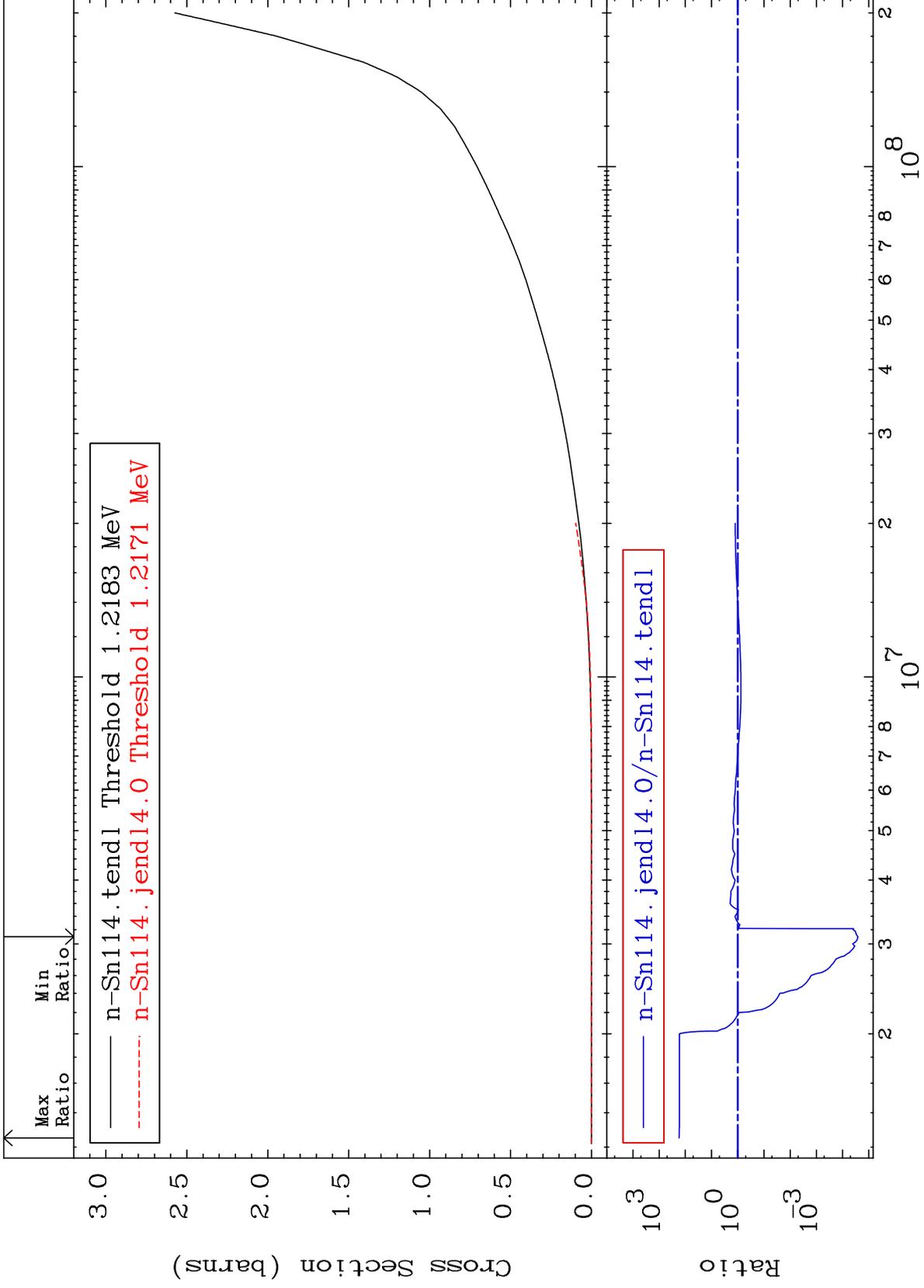
-100.0 To 9999. %



47

Incident Energy (eV)

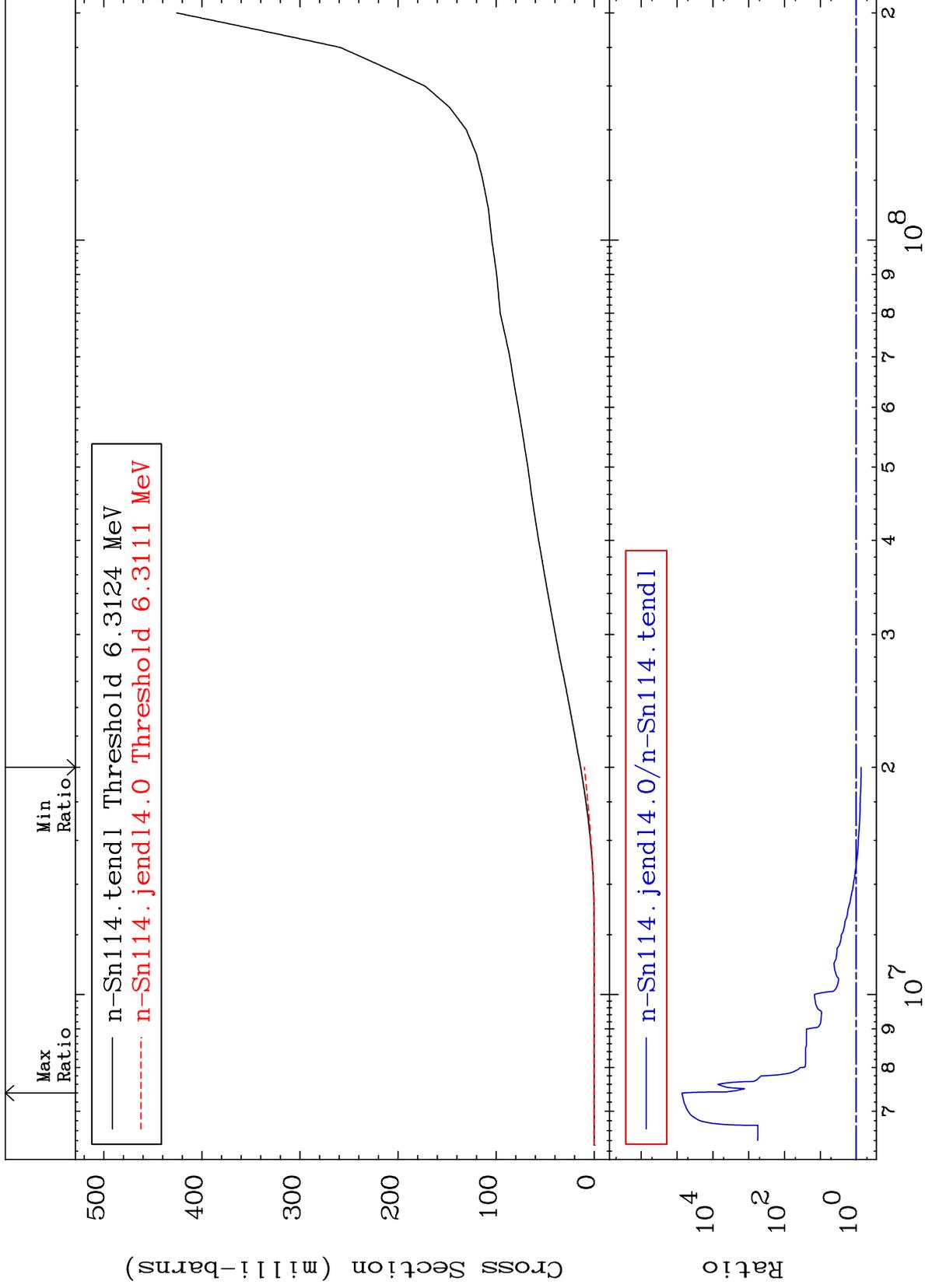
50-Sn-114



MAT 5031

Deuterium Production  
Cross Section

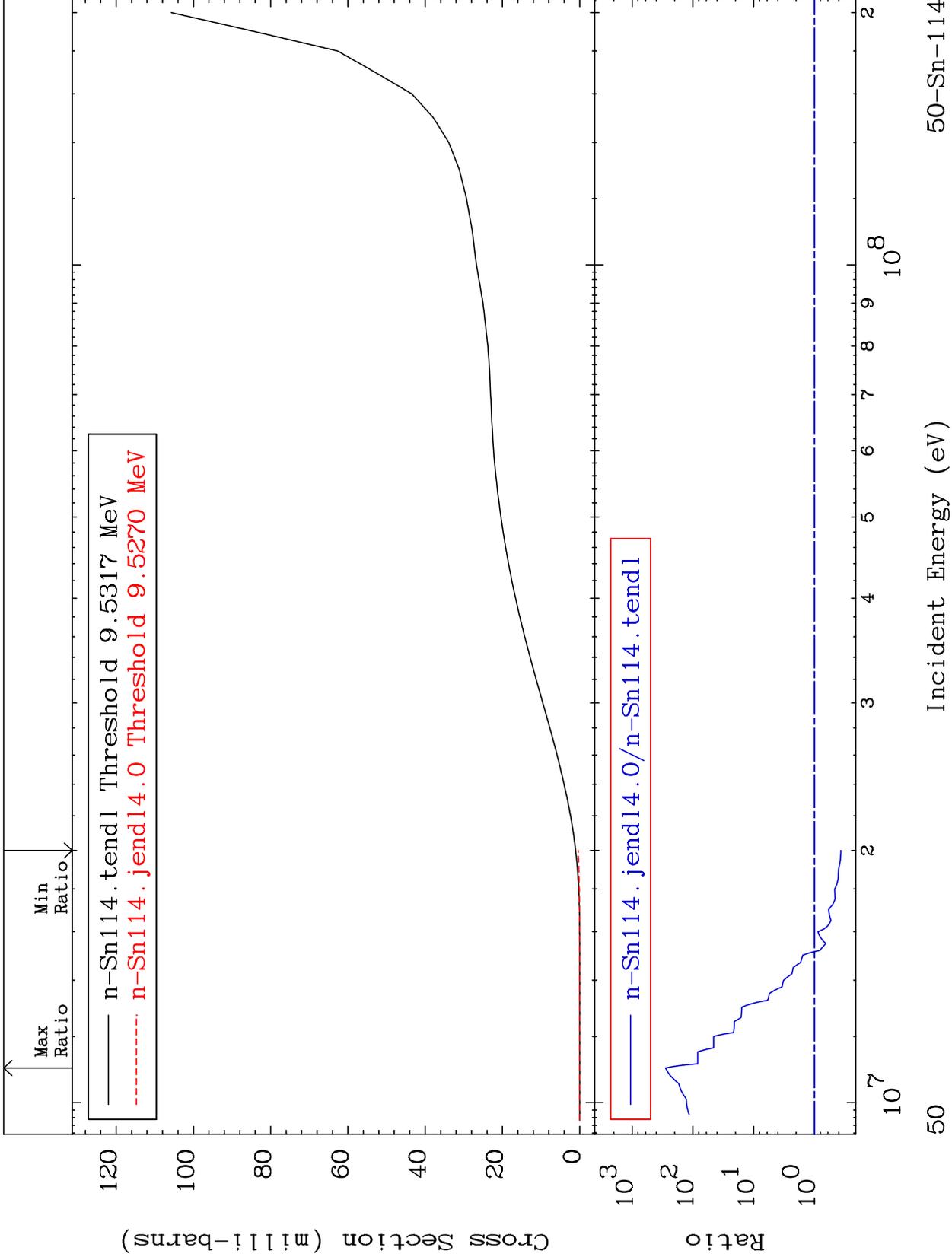
50-Sn-114  
-27.25 To 9999. %



MAT 5031

Tritium Production  
Cross Section

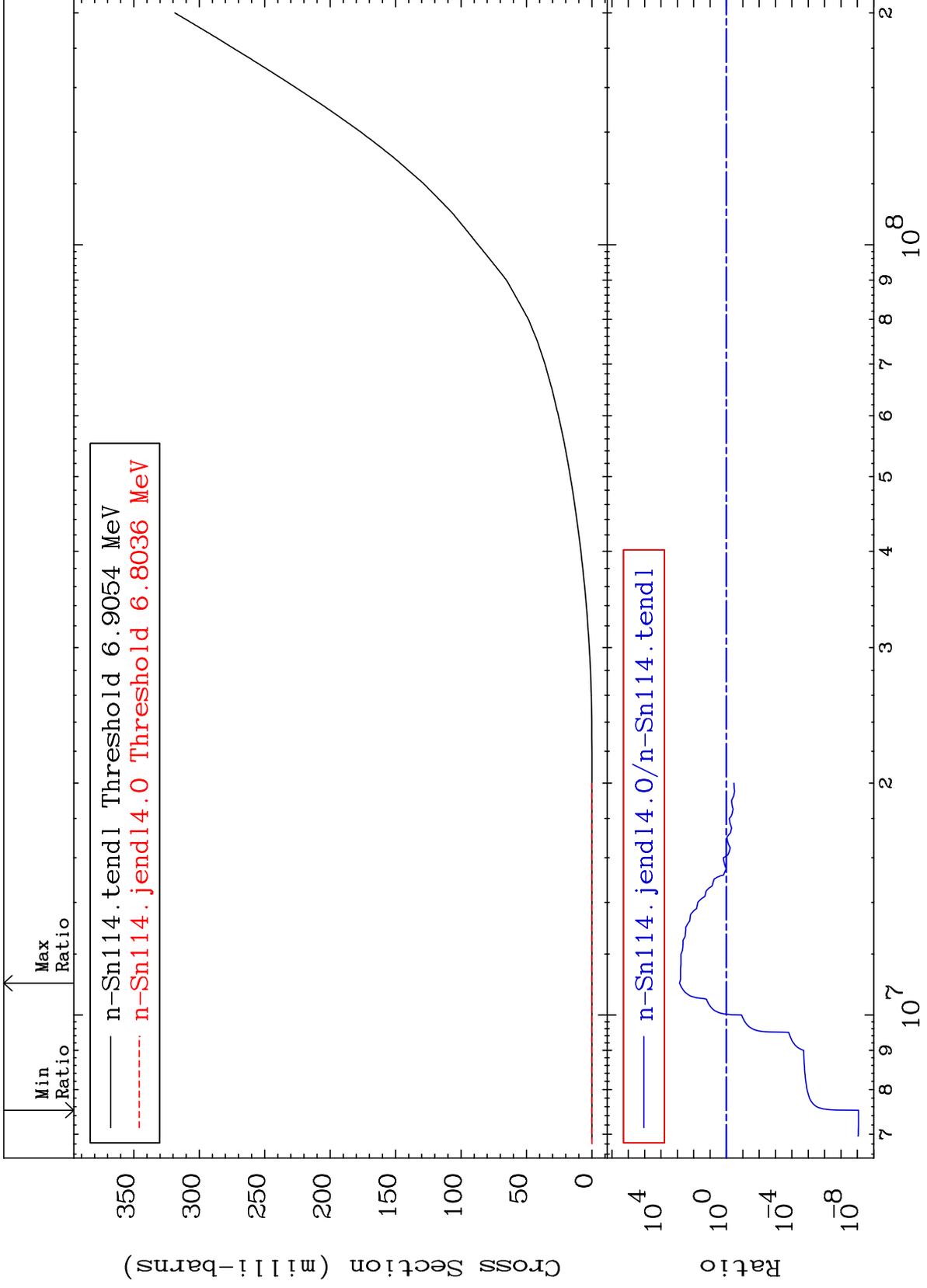
50-Sn-114  
-63.09 To 9999. %



MAT 5031

He-3 Production  
Cross Section

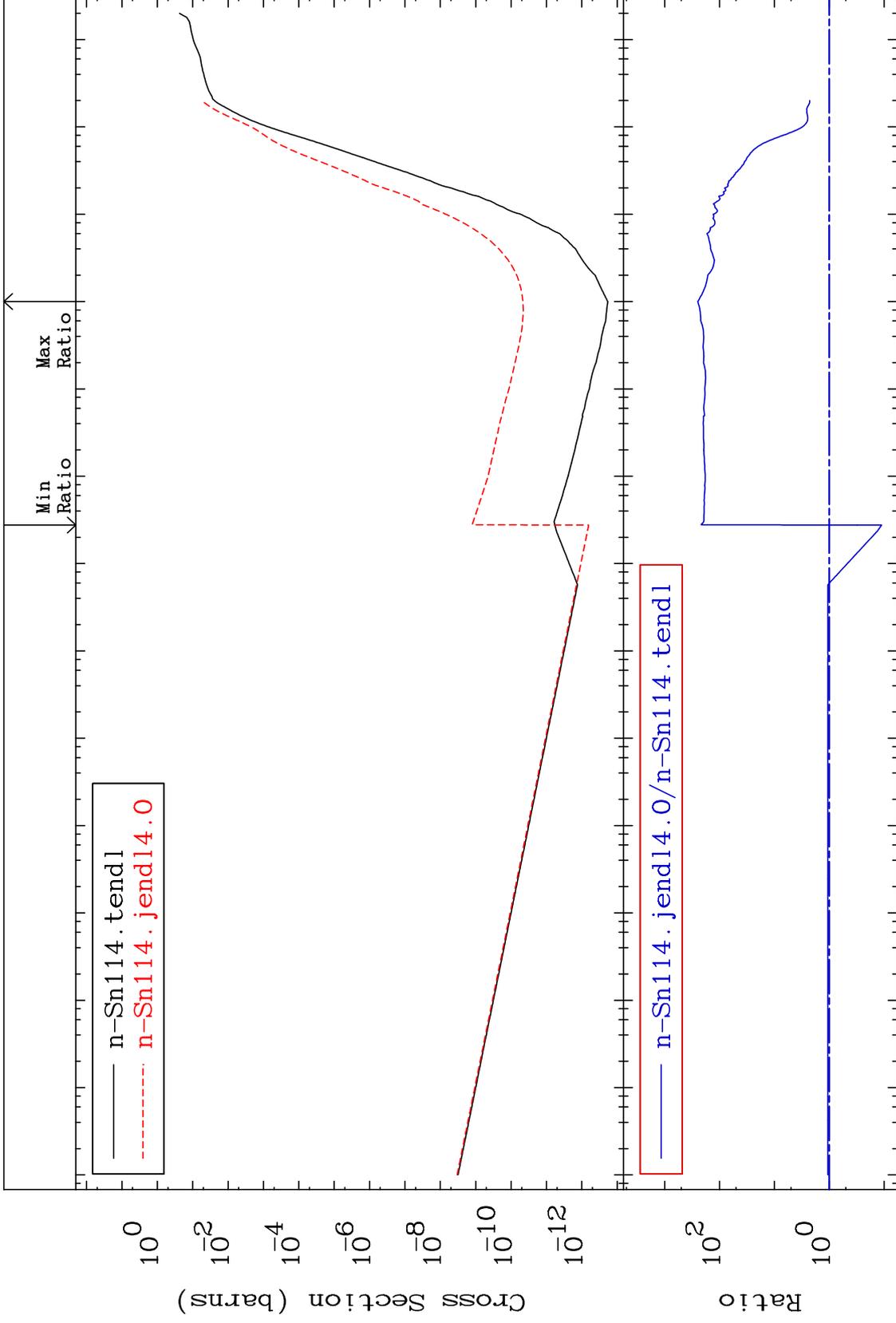
50-Sn-114  
-100.0 To 9999. %

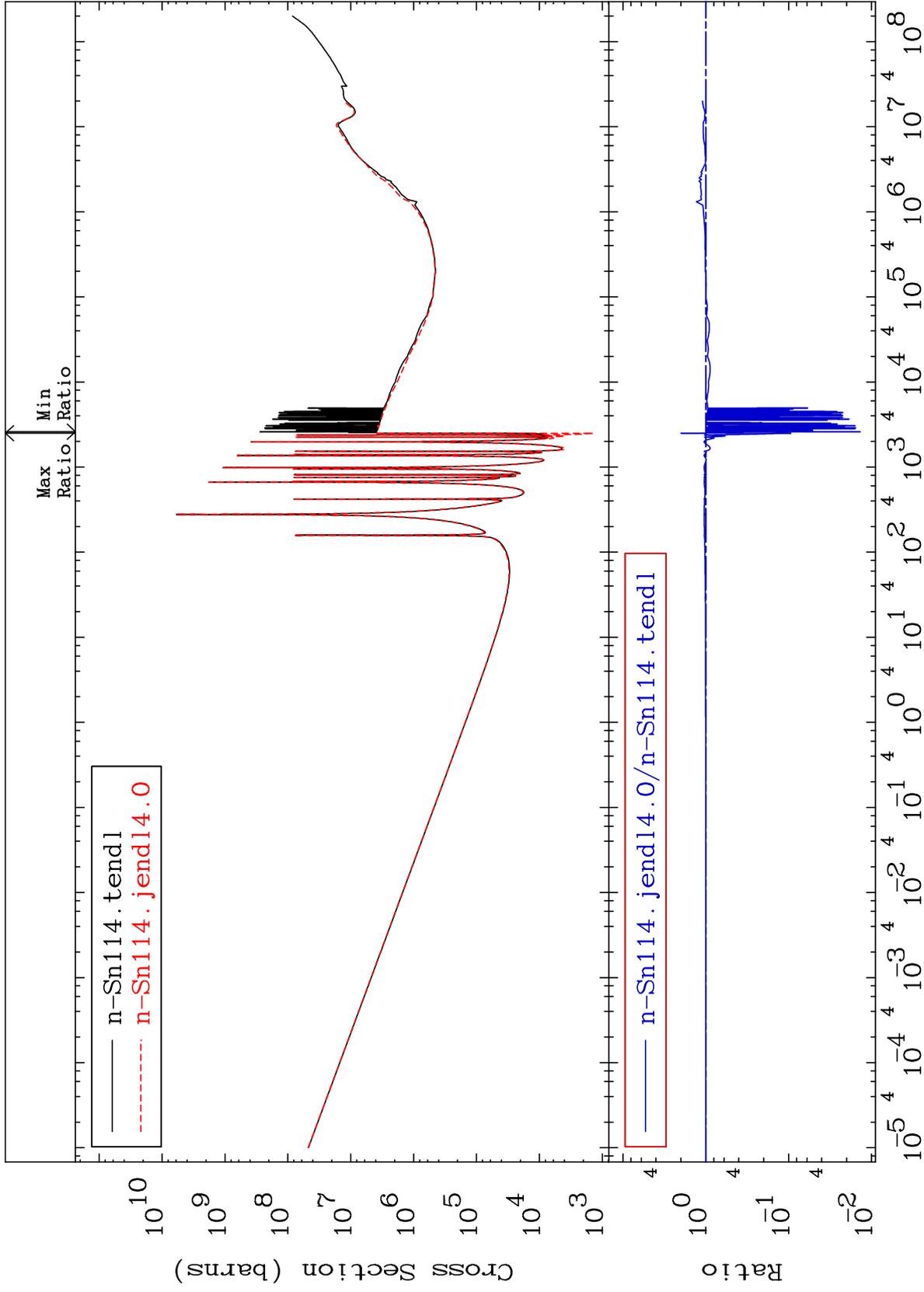


MAT 5031

He-4 Production  
Cross Section

50-Sn-114  
-88.89 To 9999. %

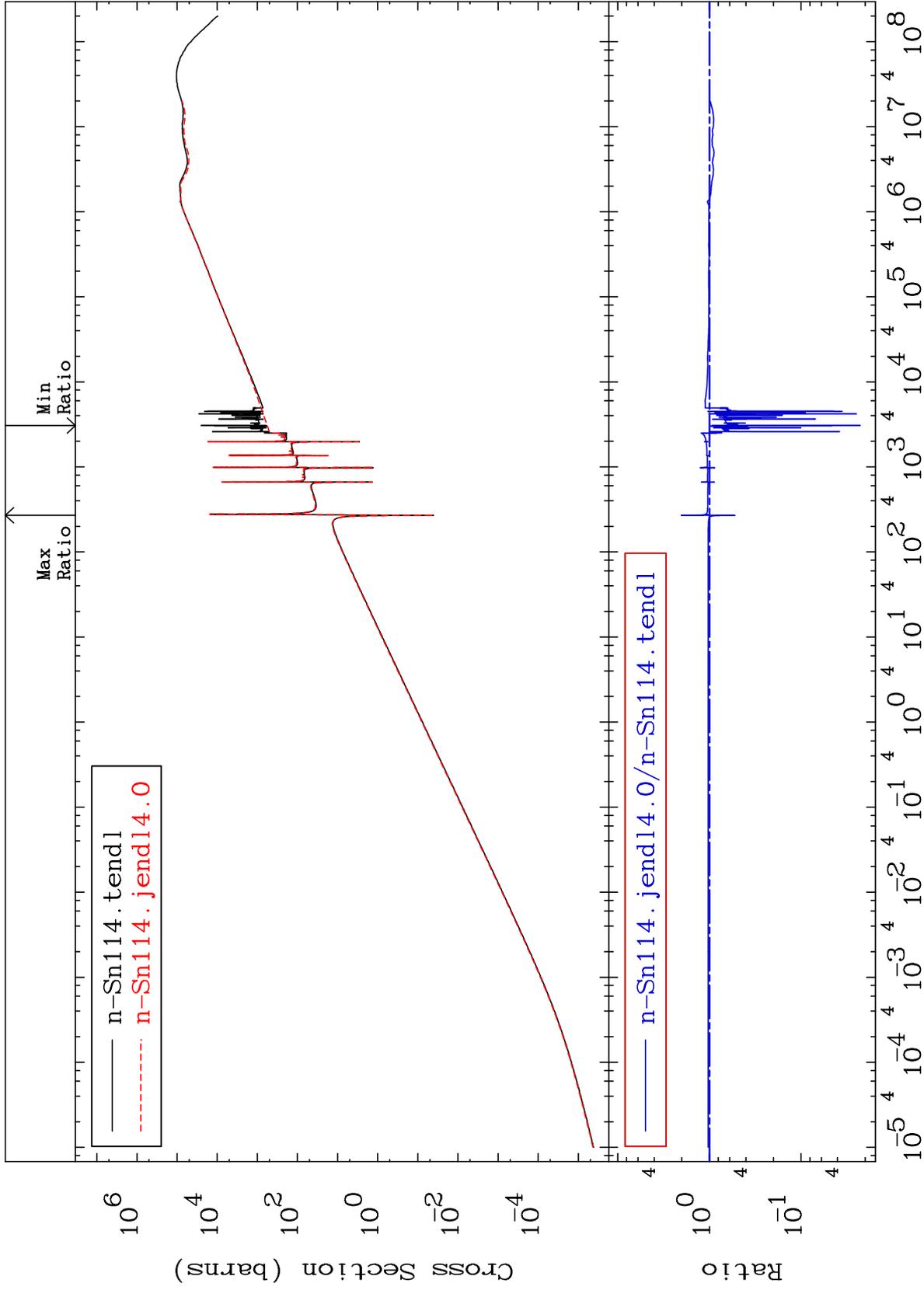




MAT 5031

Kerma elastic  
Cross Section

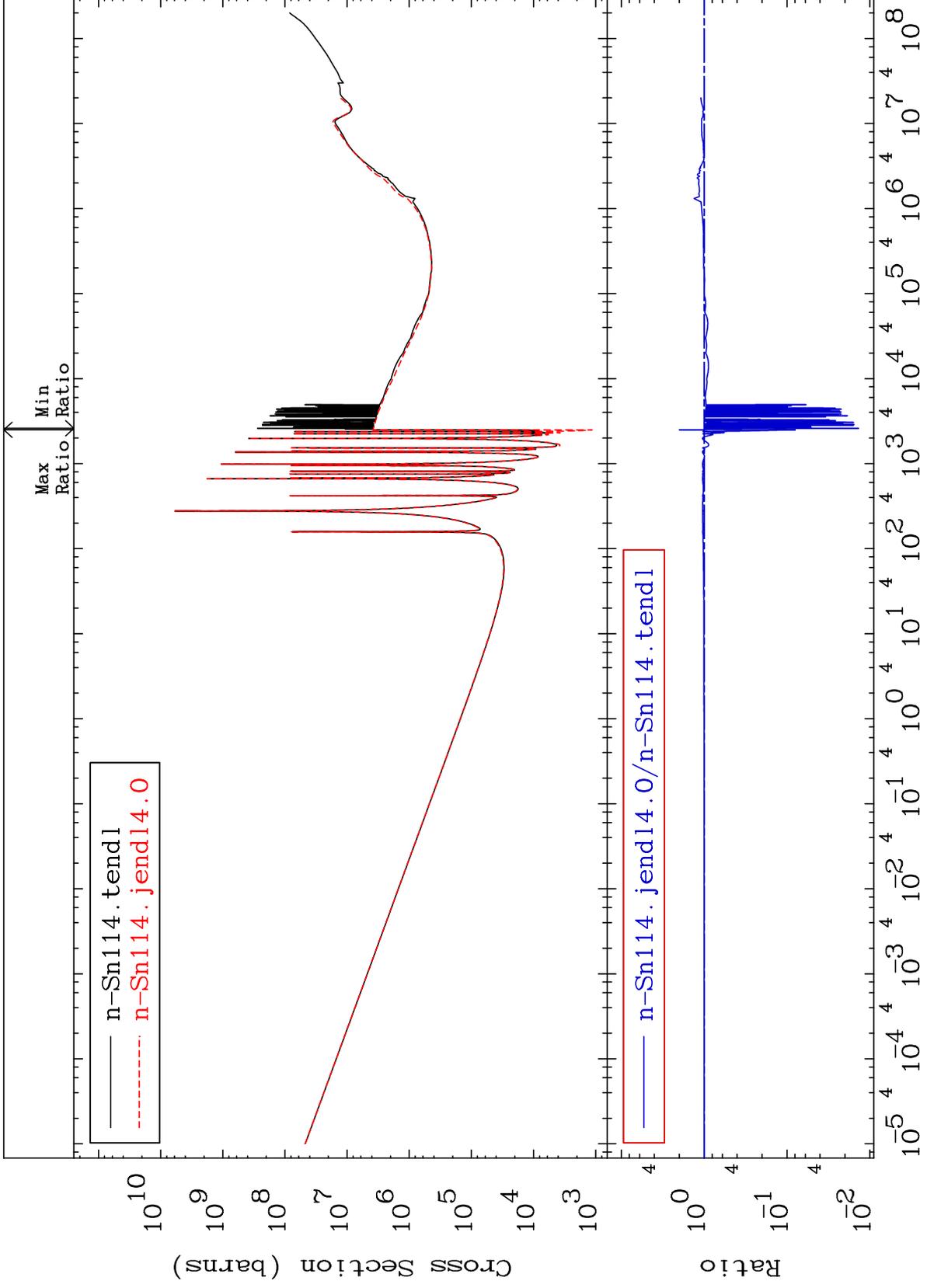
50-Sn-114  
-97.74 To 103.1 %



MAT 5031

Kerma non-elastic (all but mt2)  
Cross Section

50-Sn-114  
-98.63 To 98.14 %



55

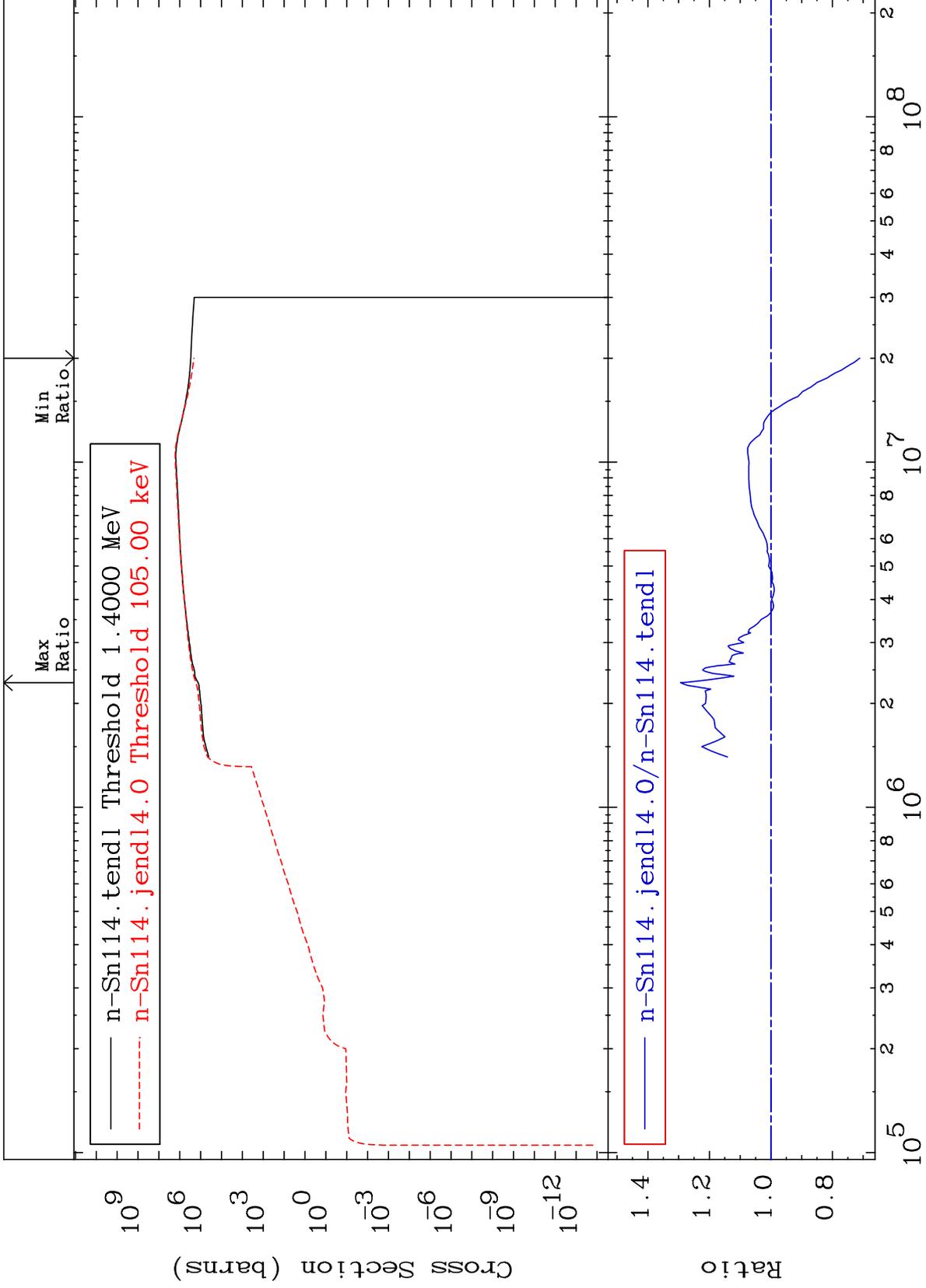
Incident Energy (eV)

50-Sn-114

MAT 5031

Kerma inelastic (mt51-91)  
Cross Section

50-Sn-114  
-28.89 To 29.39 %



56

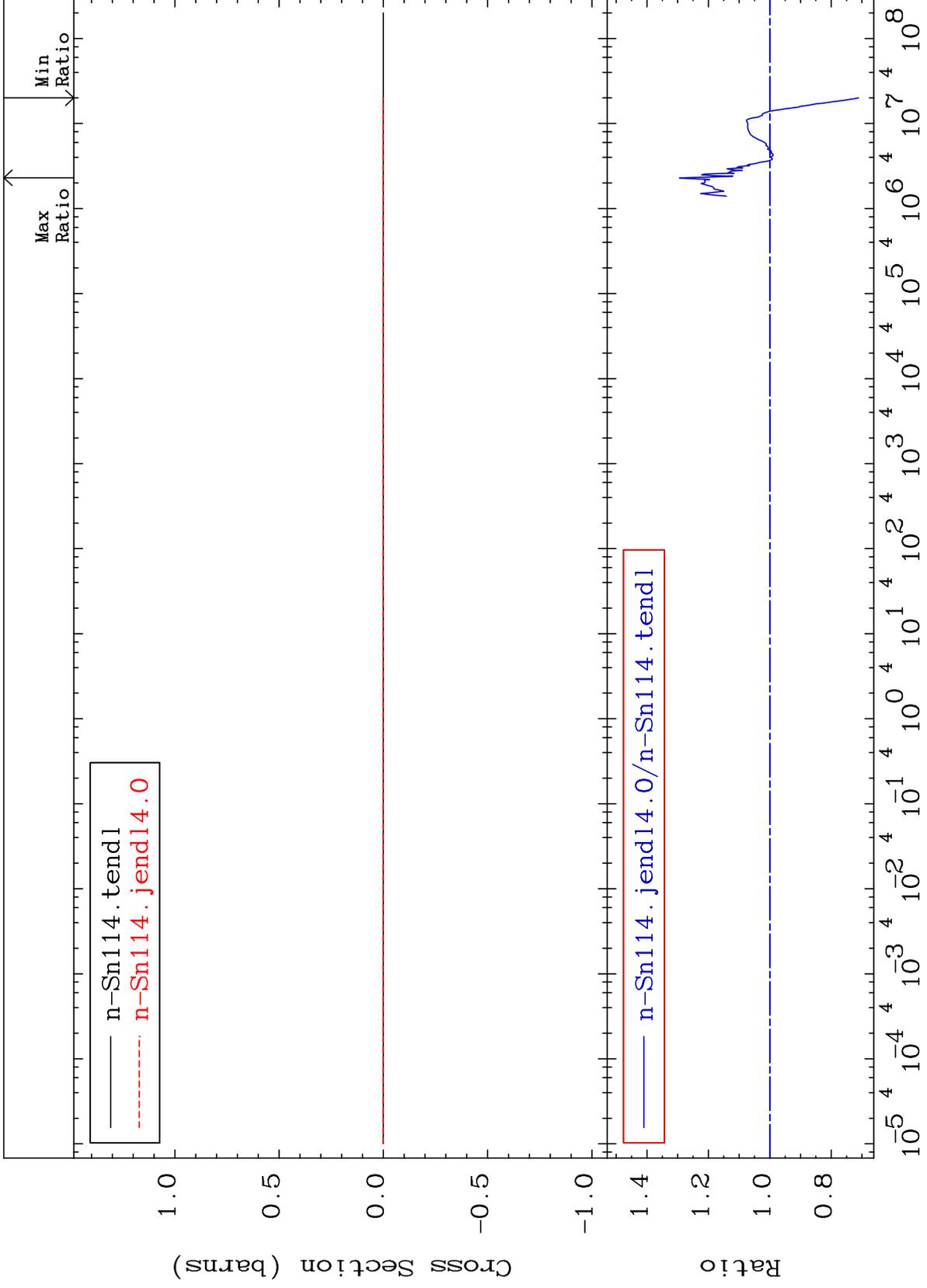
Incident Energy (eV)

50-Sn-114

MAT 5031

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

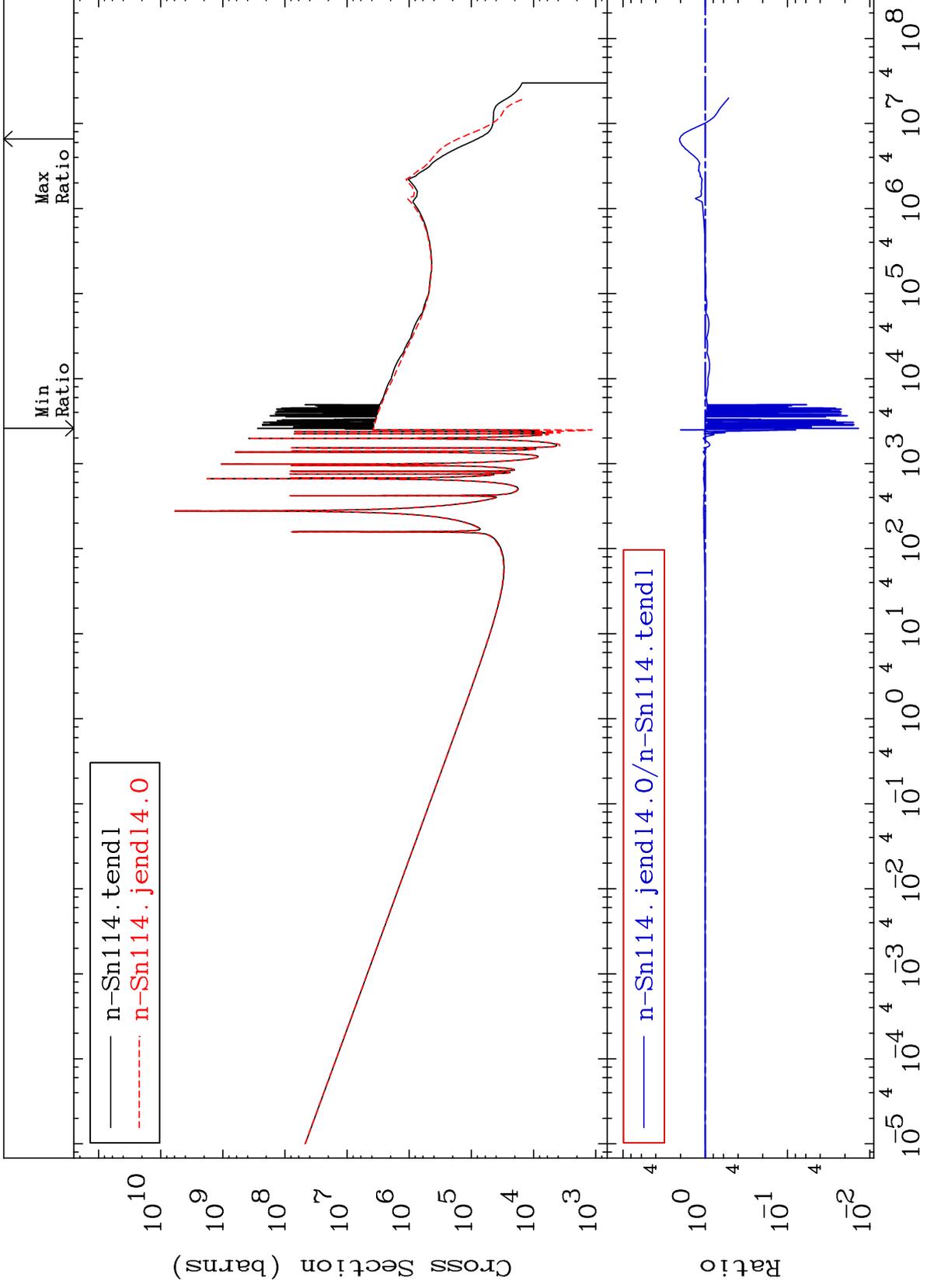
50-Sn-114  
-28.89 To 29.39 %

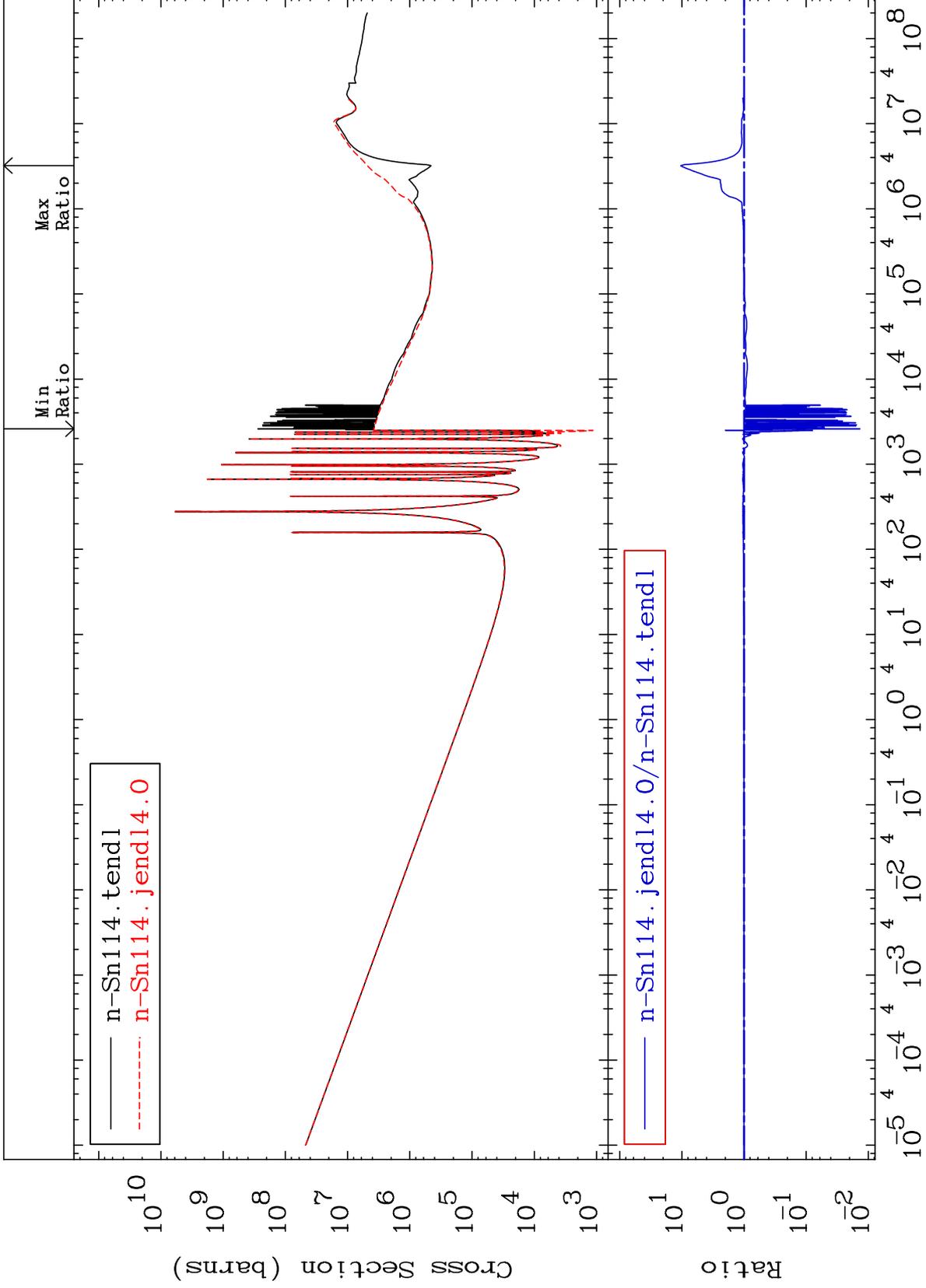


MAT 5031

Kerma capture (mt102)  
Cross Section

50-Sn-114  
-98.63 To 105.5 %

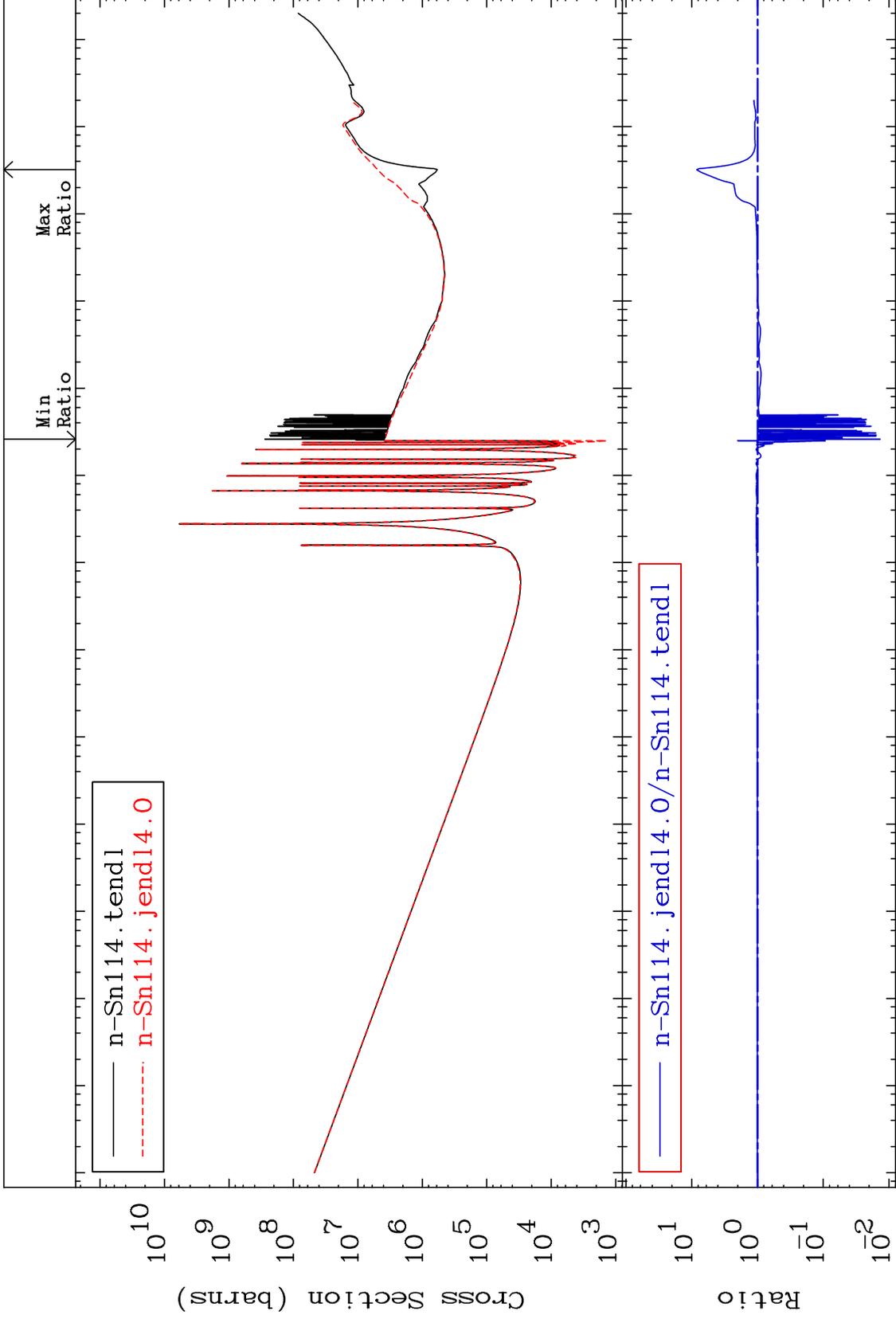




MAT 5031

Total kinematic kerma (high limit)  
Cross Section

50-Sn-114  
-98.63 To 746.1 %



60

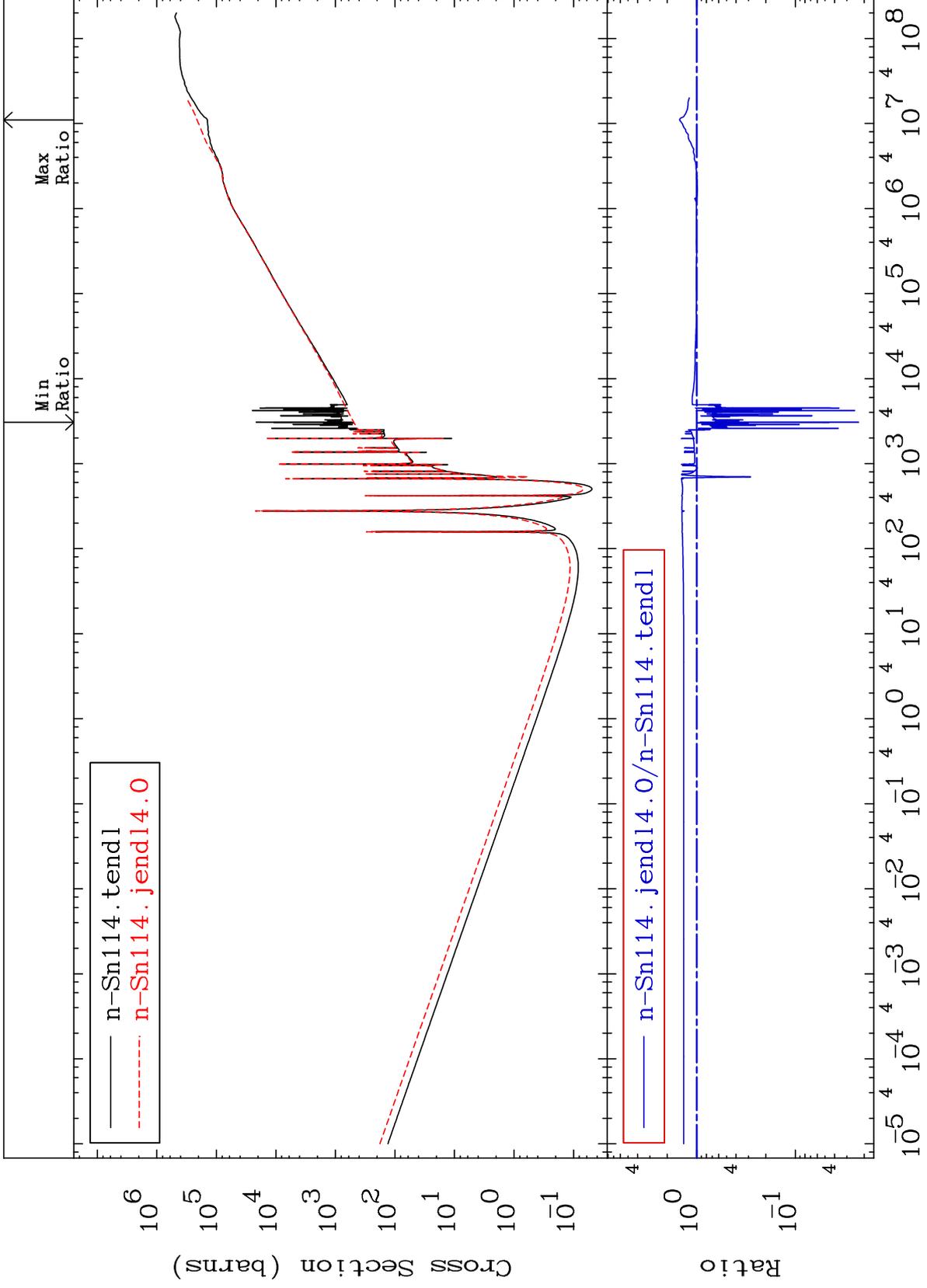
Incident Energy (eV)

50-Sn-114

MAT 5031

Dpa total (eV-barns)  
Cross Section

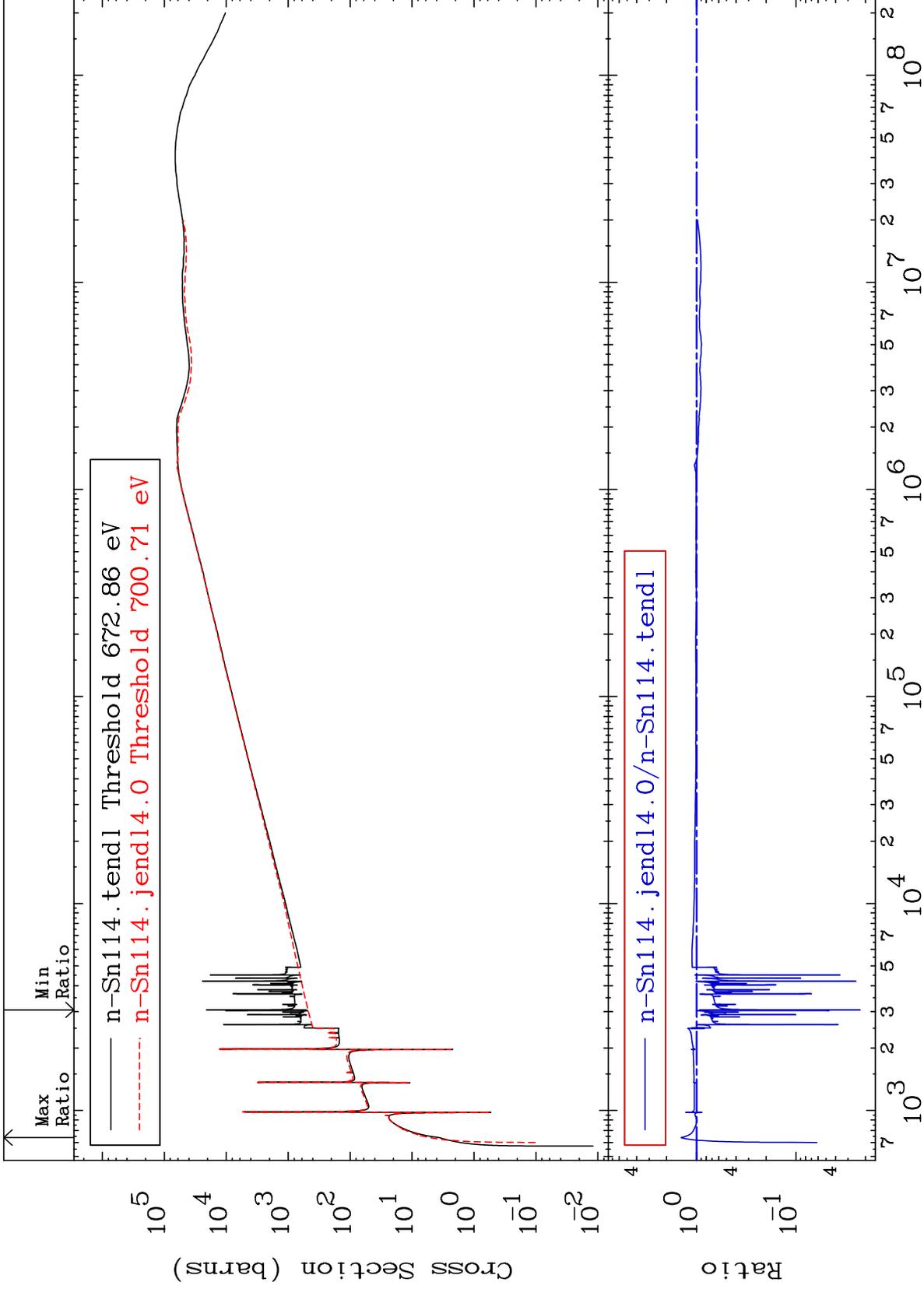
50-Sn-114  
-97.72 To 50.00 %



MAT 5031

Dpa elastic (mt2)  
Cross Section

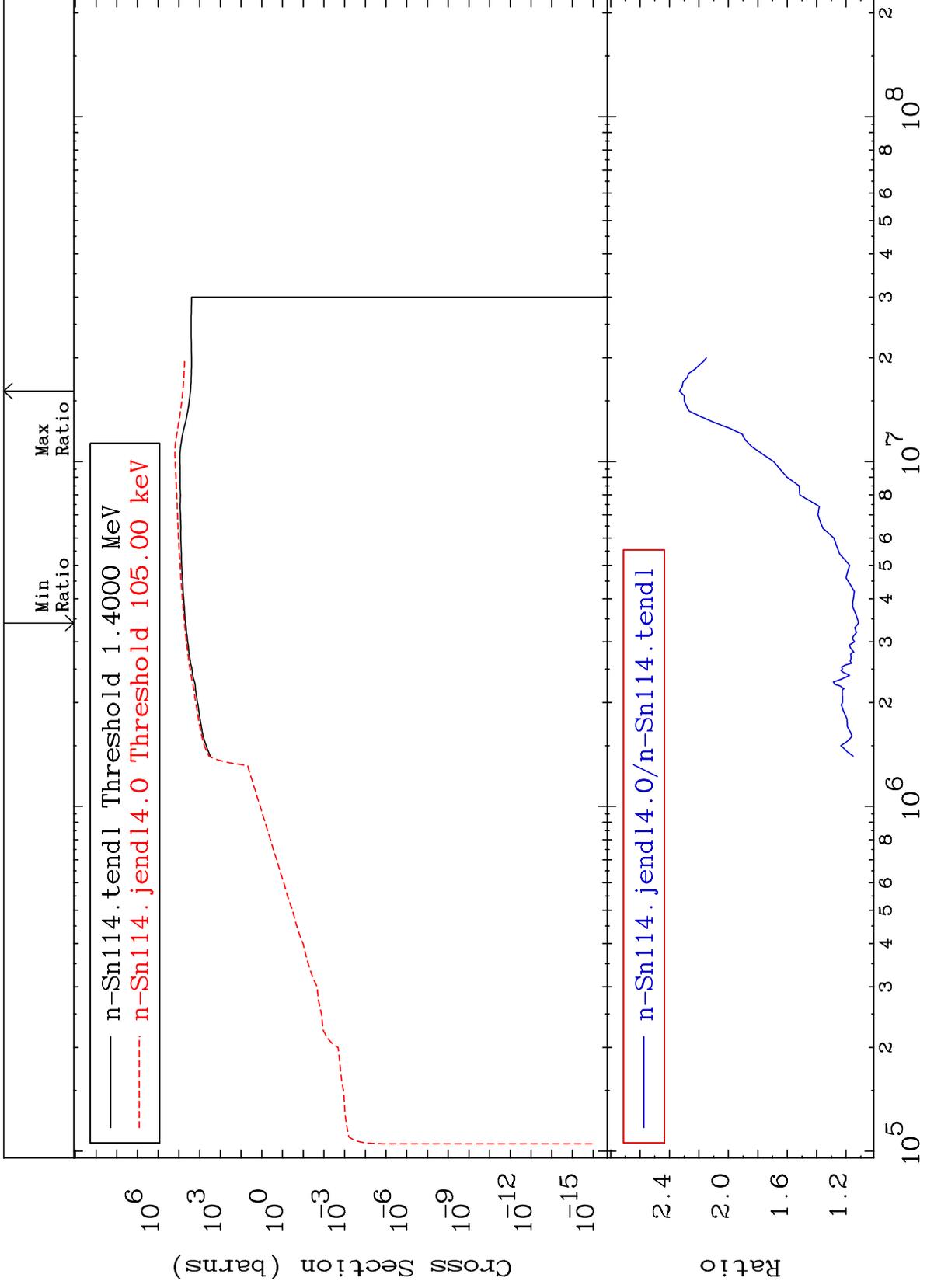
50-Sn-114  
-97.73 To 44.14 %



MAT 5031

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-114  
11.57 To 133.2 %



63

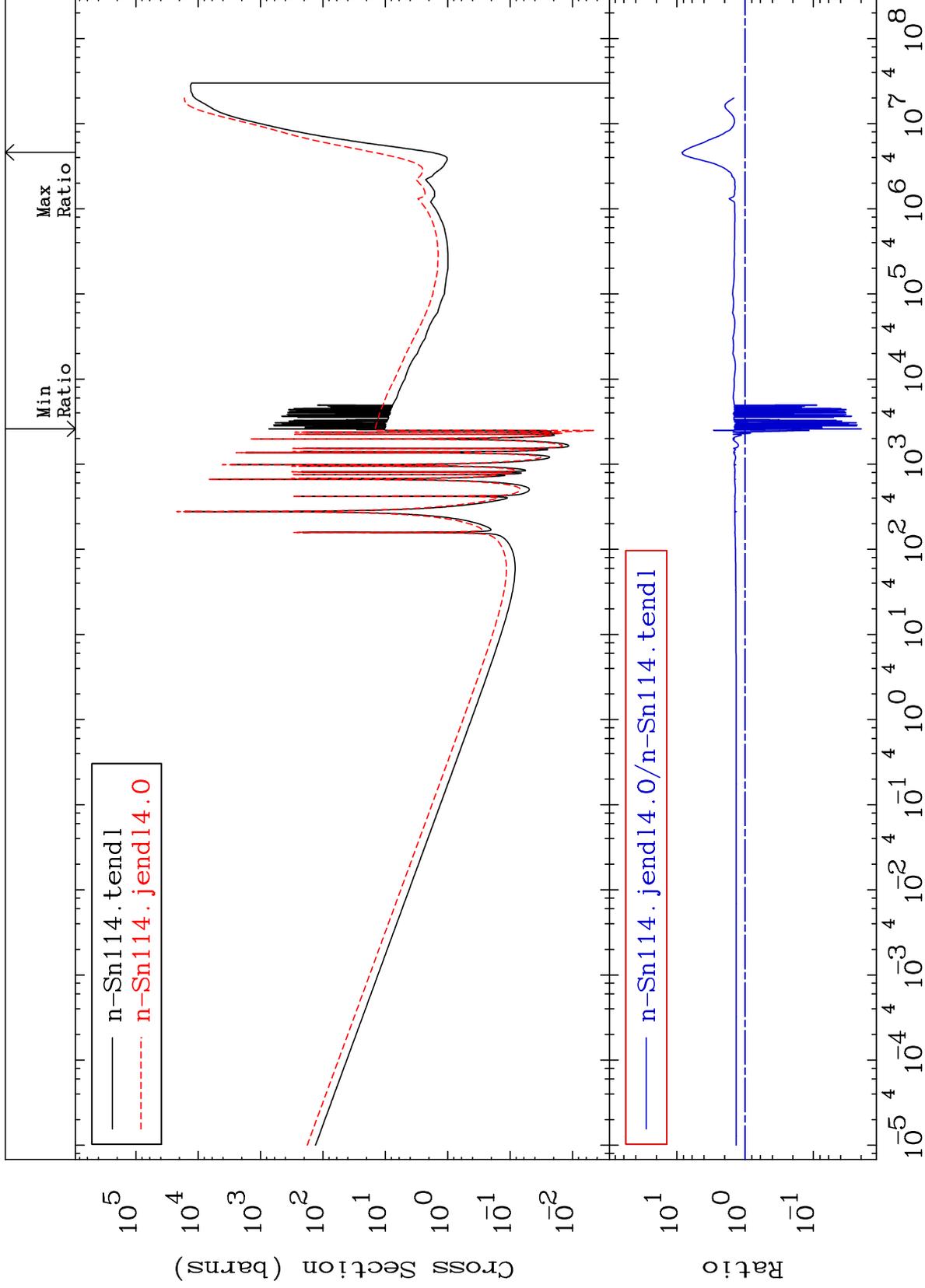
Incident Energy (eV)

50-Sn-114

MAT 5031

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-114  
-98.00 To 745.3 %



64

Incident Energy (eV)

50-Sn-114