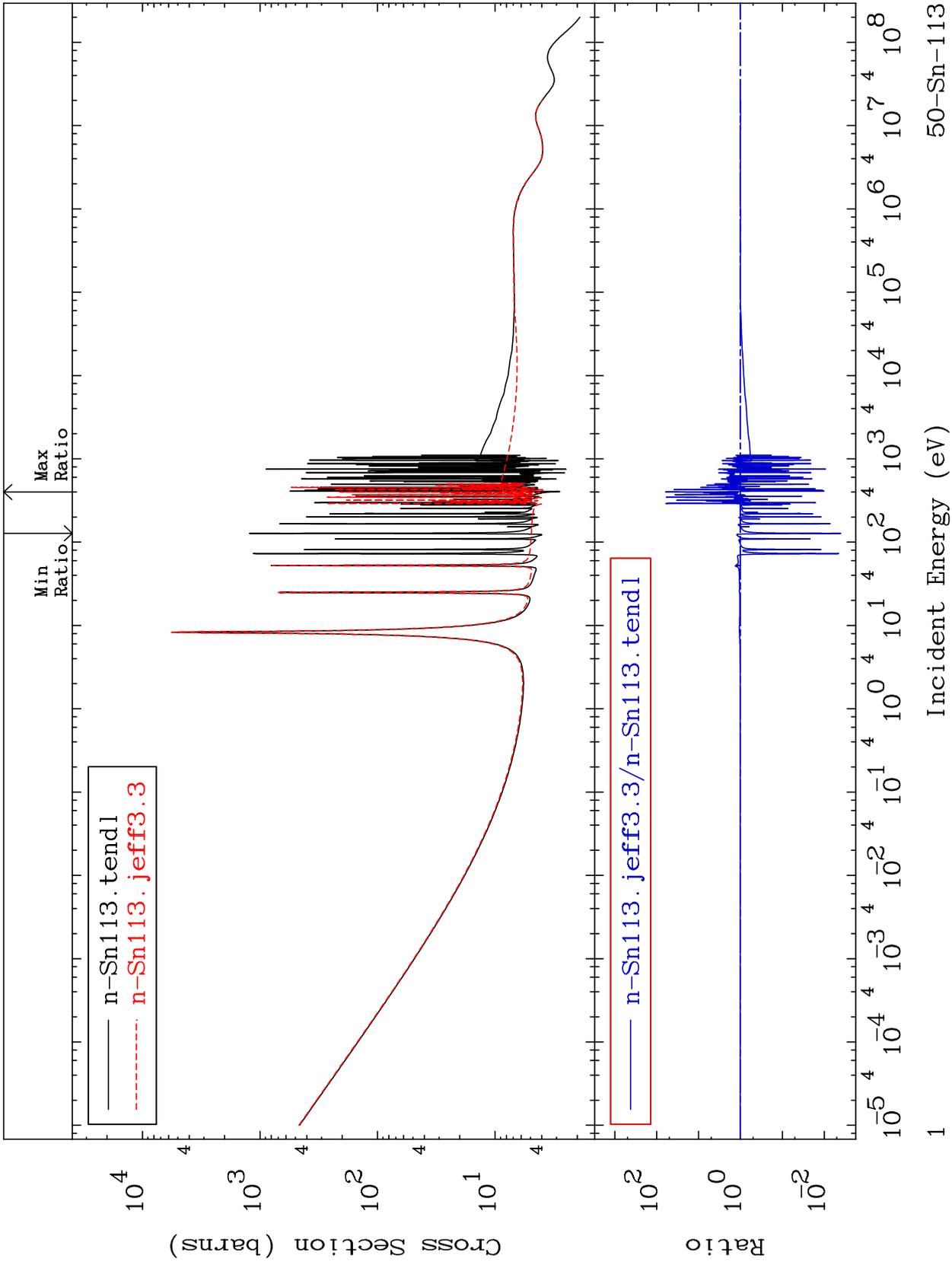


MAT 5028

Total Cross Section  
50-Sn-113  
-99.60 To 6078. %

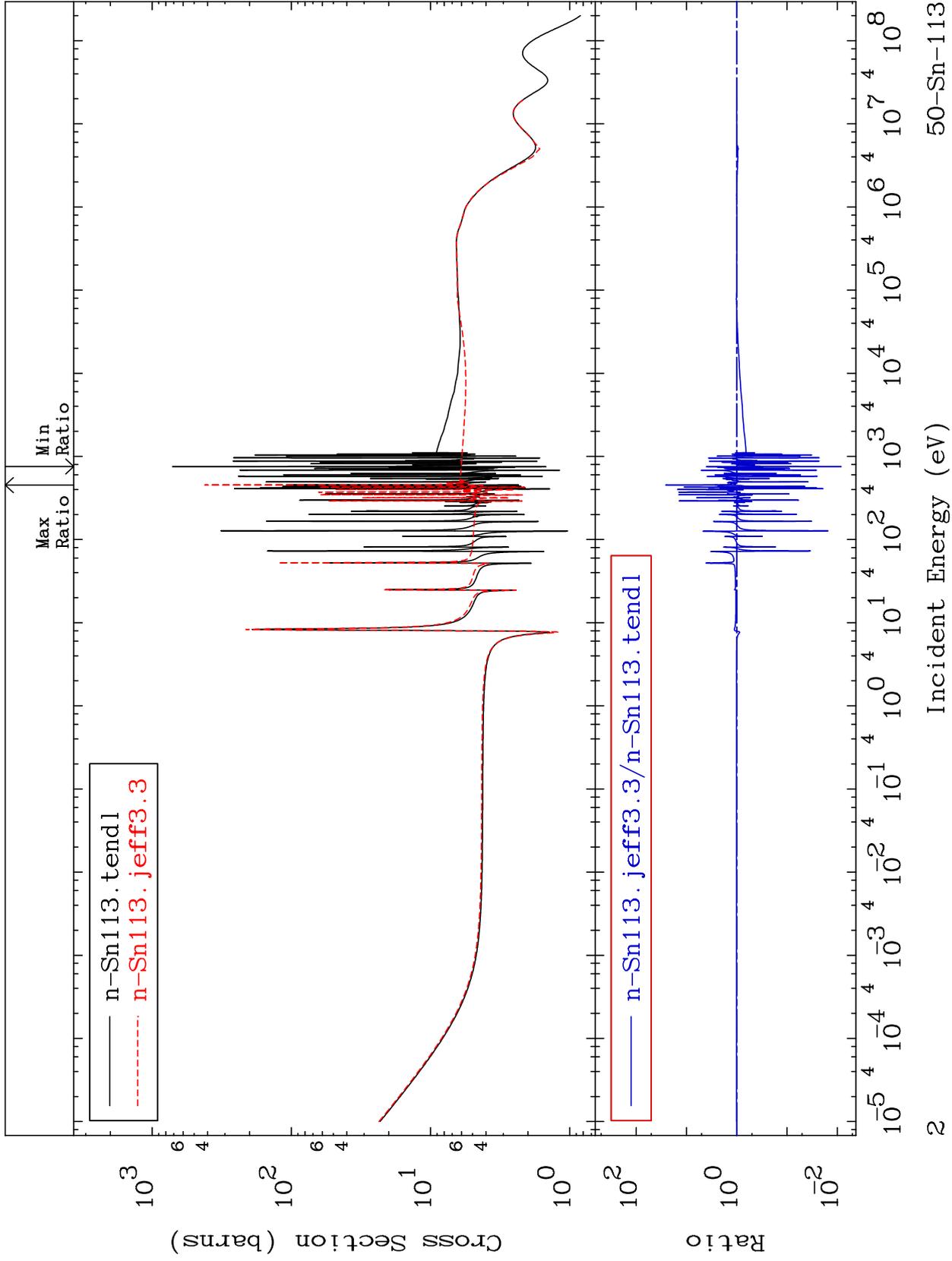


50-Sn-113

MAT 5028

Elastic  
Cross Section

50-Sn-113  
-99.16 To 2455. %



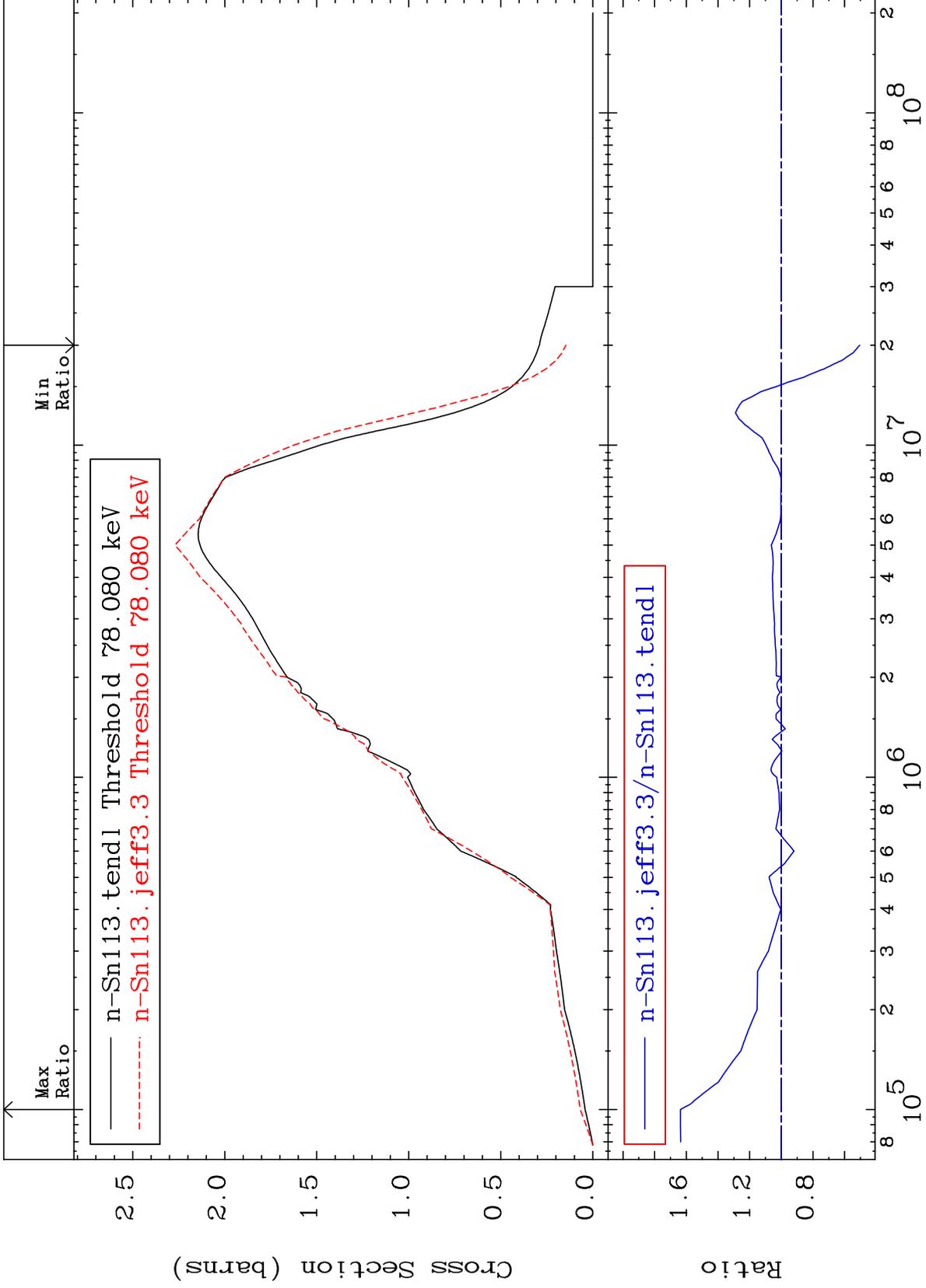
50-Sn-113

Incident Energy (eV)

MAT 5028

Inelastic  
Cross Section

50-Sn-113  
-49.56 To 63.66 %



3

Incident Energy (eV)

50-Sn-113

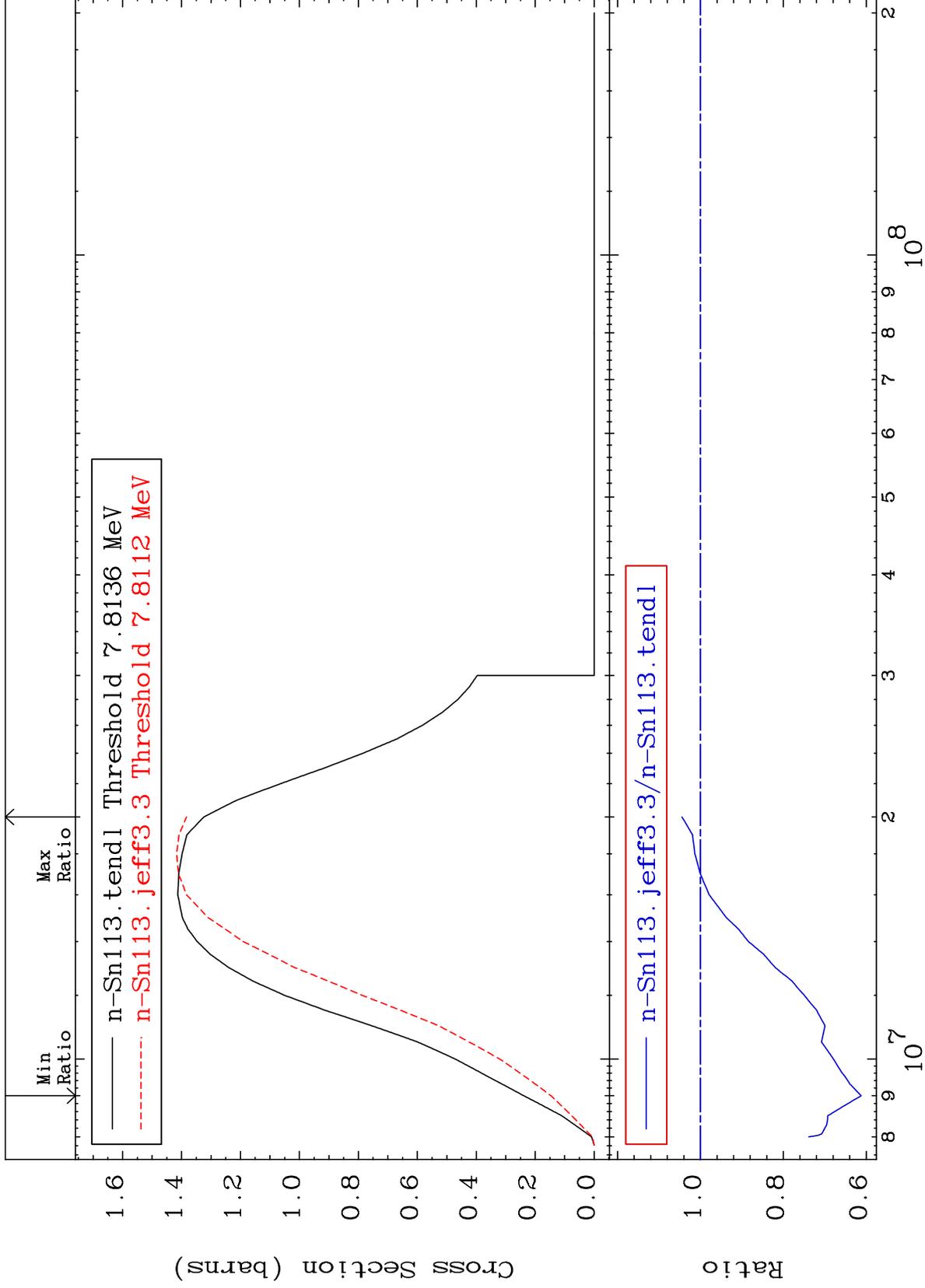
MAT 5028

(n,2n)

50-Sn-113

Cross Section

-38.76 To 4.474 %



4

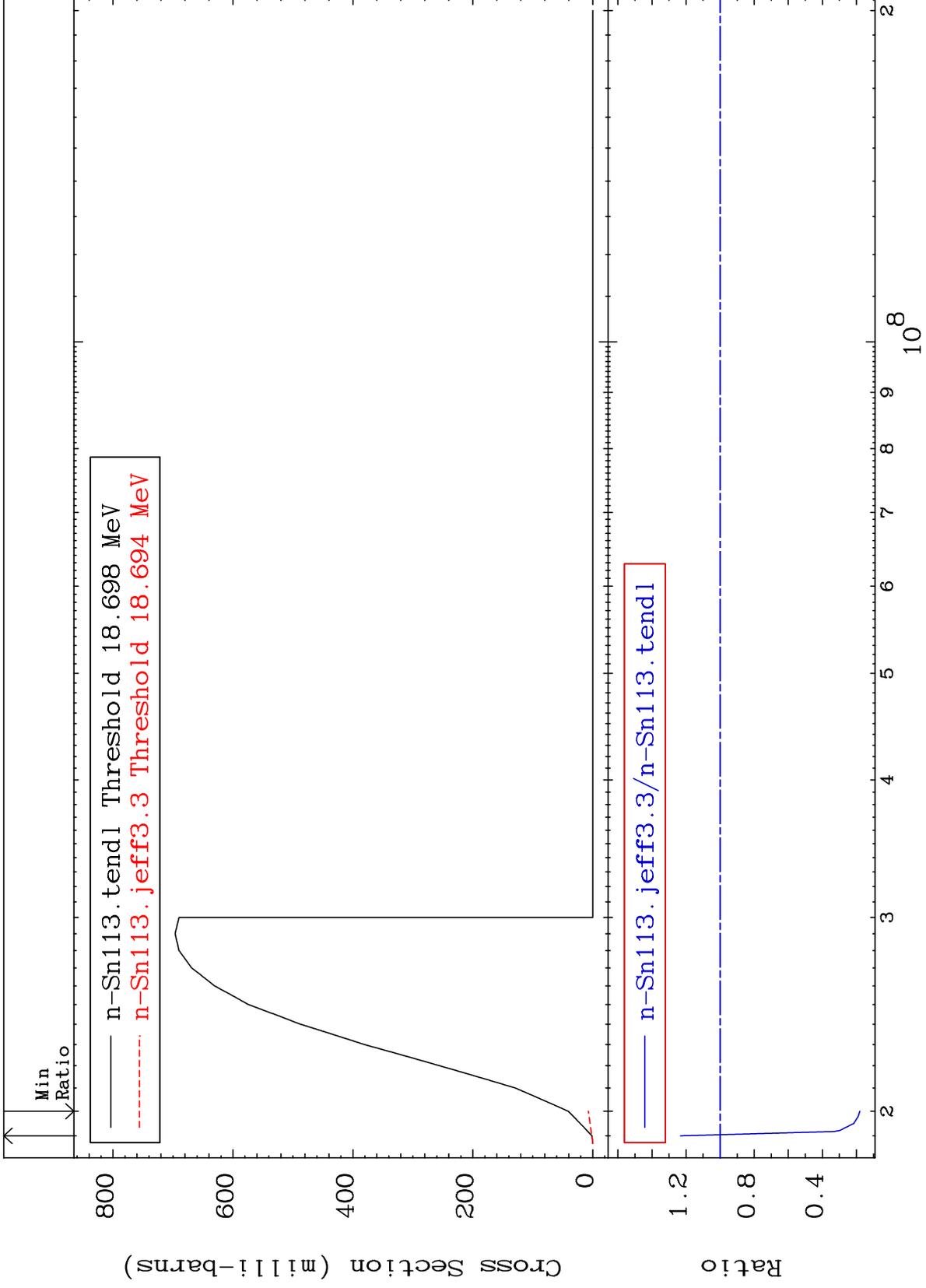
Incident Energy (eV)

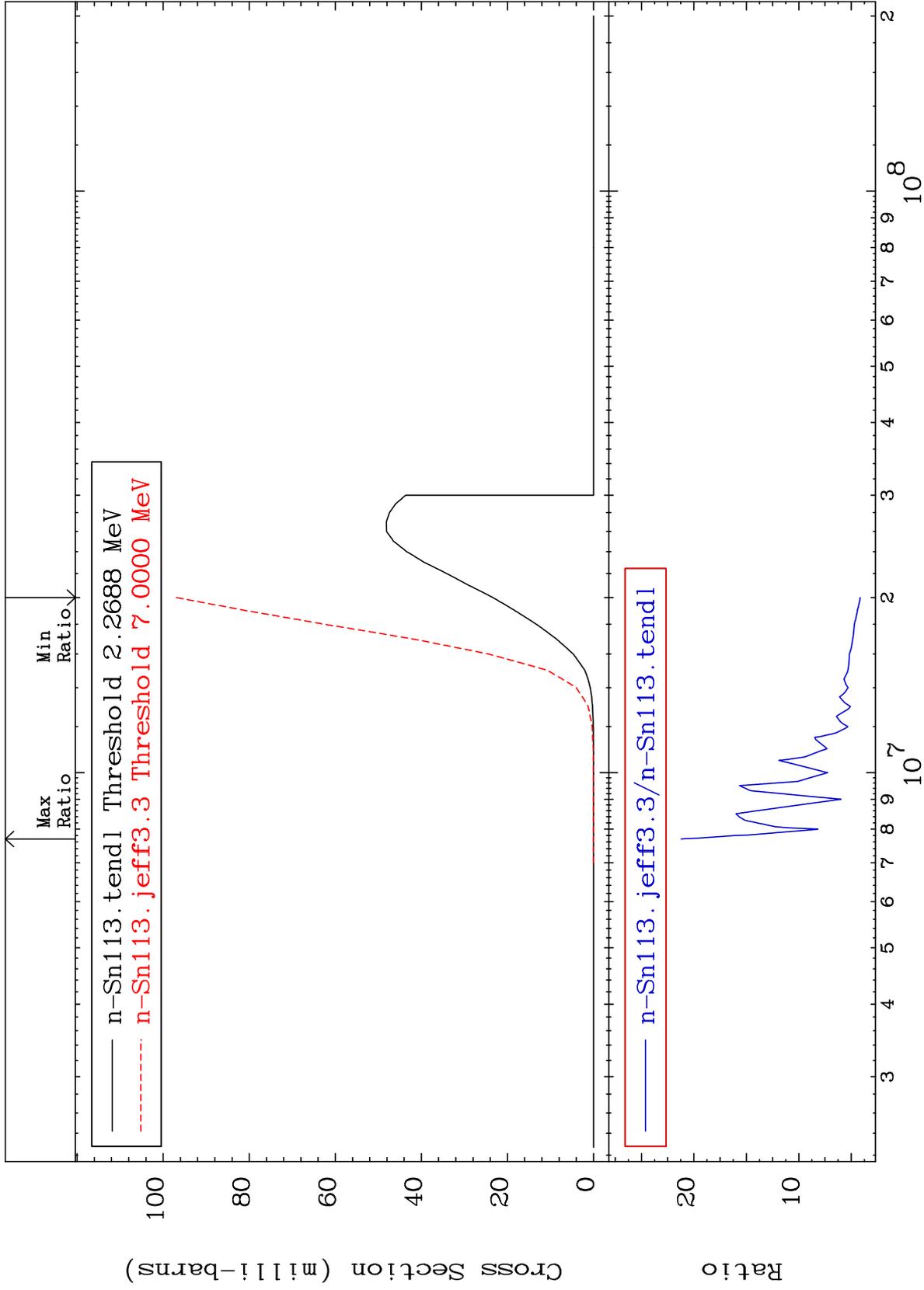
50-Sn-113

MAT 5028

(n,3n)  
Cross Section

50-Sn-113  
-81.97 To 23.26 %

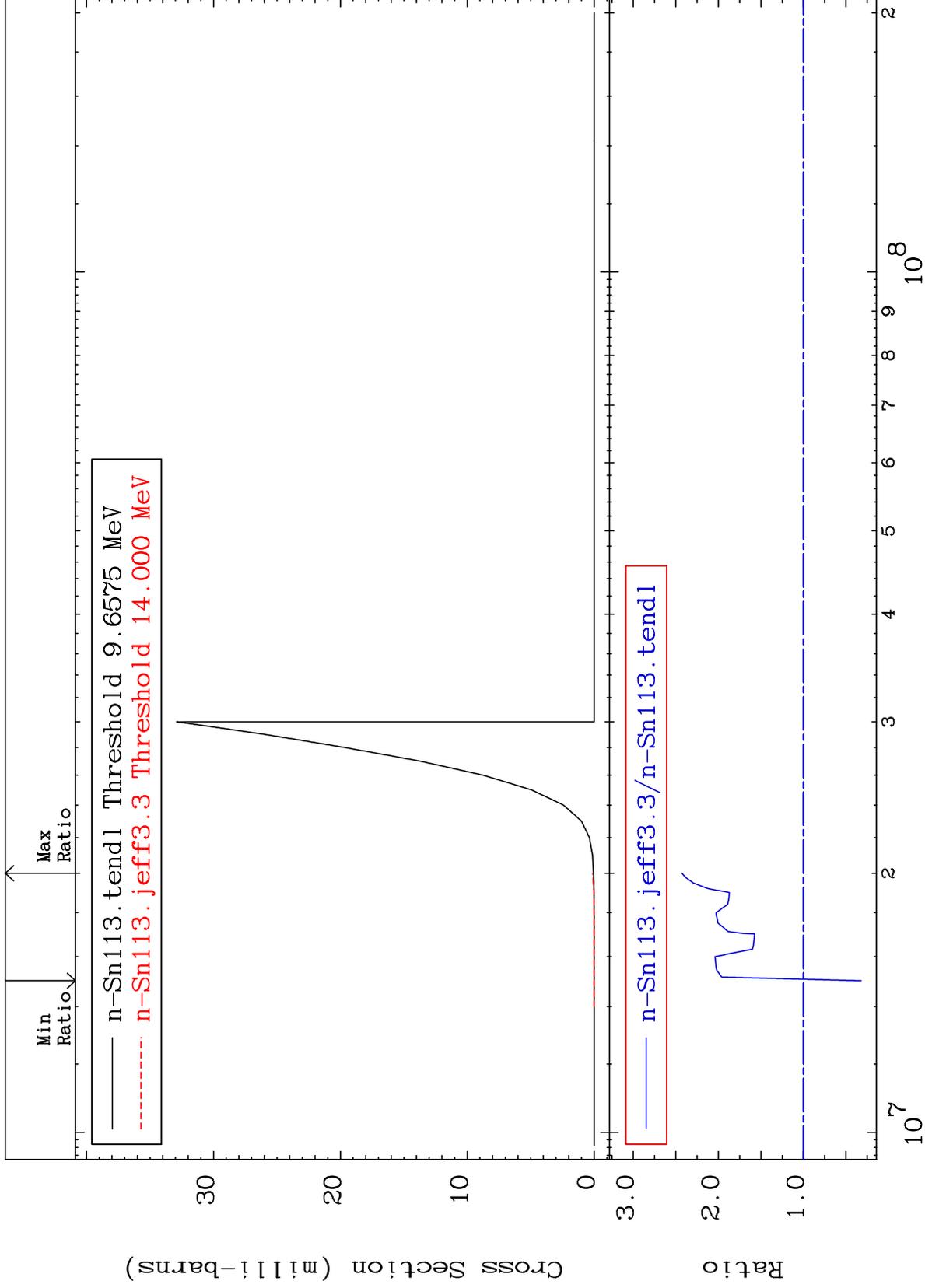




MAT 5028

(n,2n)  $\alpha$   
Cross Section

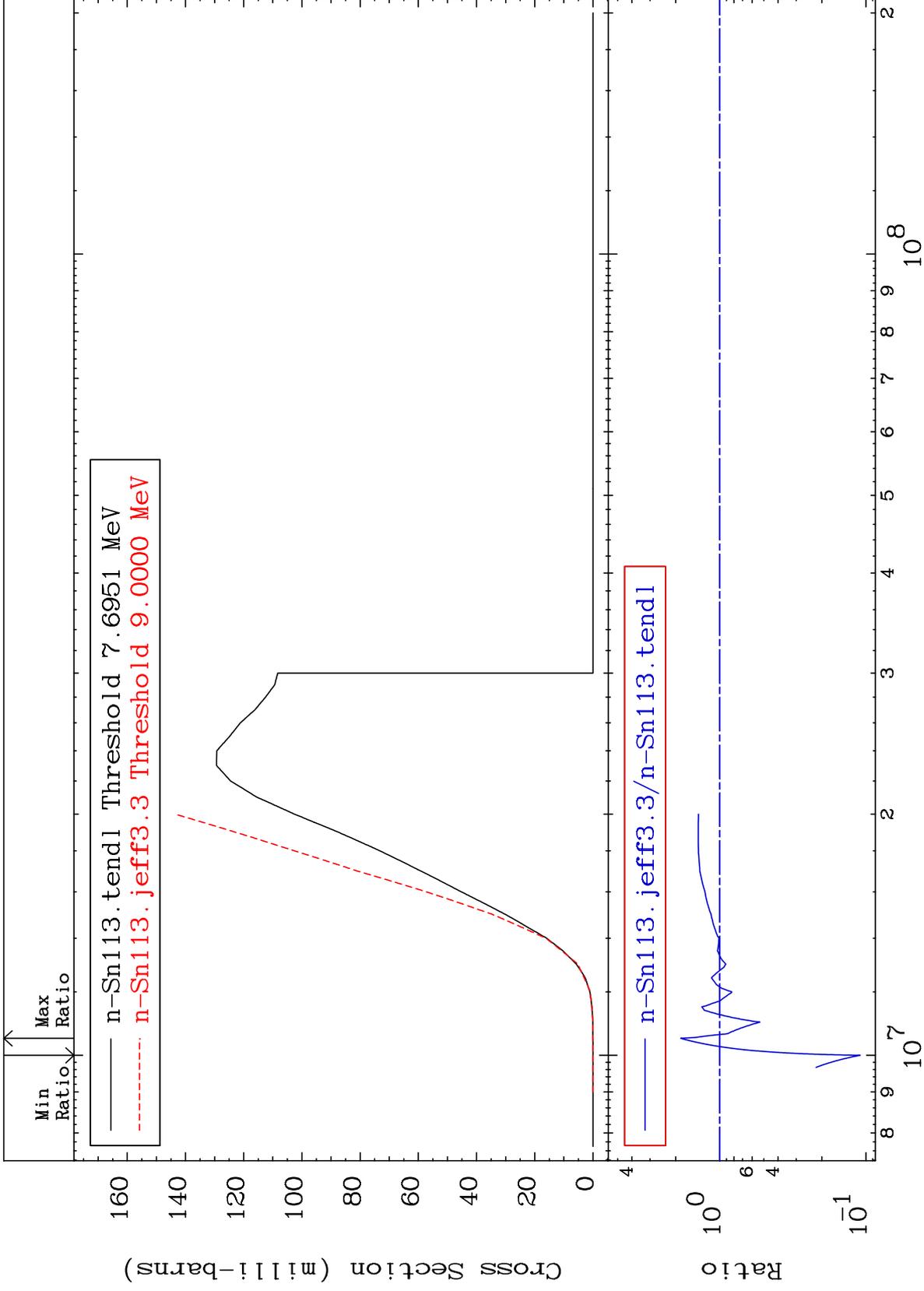
50-Sn-113  
-67.83 To 142.8 %



MAT 5028

(n,n') p  
Cross Section

50-Sn-113  
-89.03 To 84.92 %



8

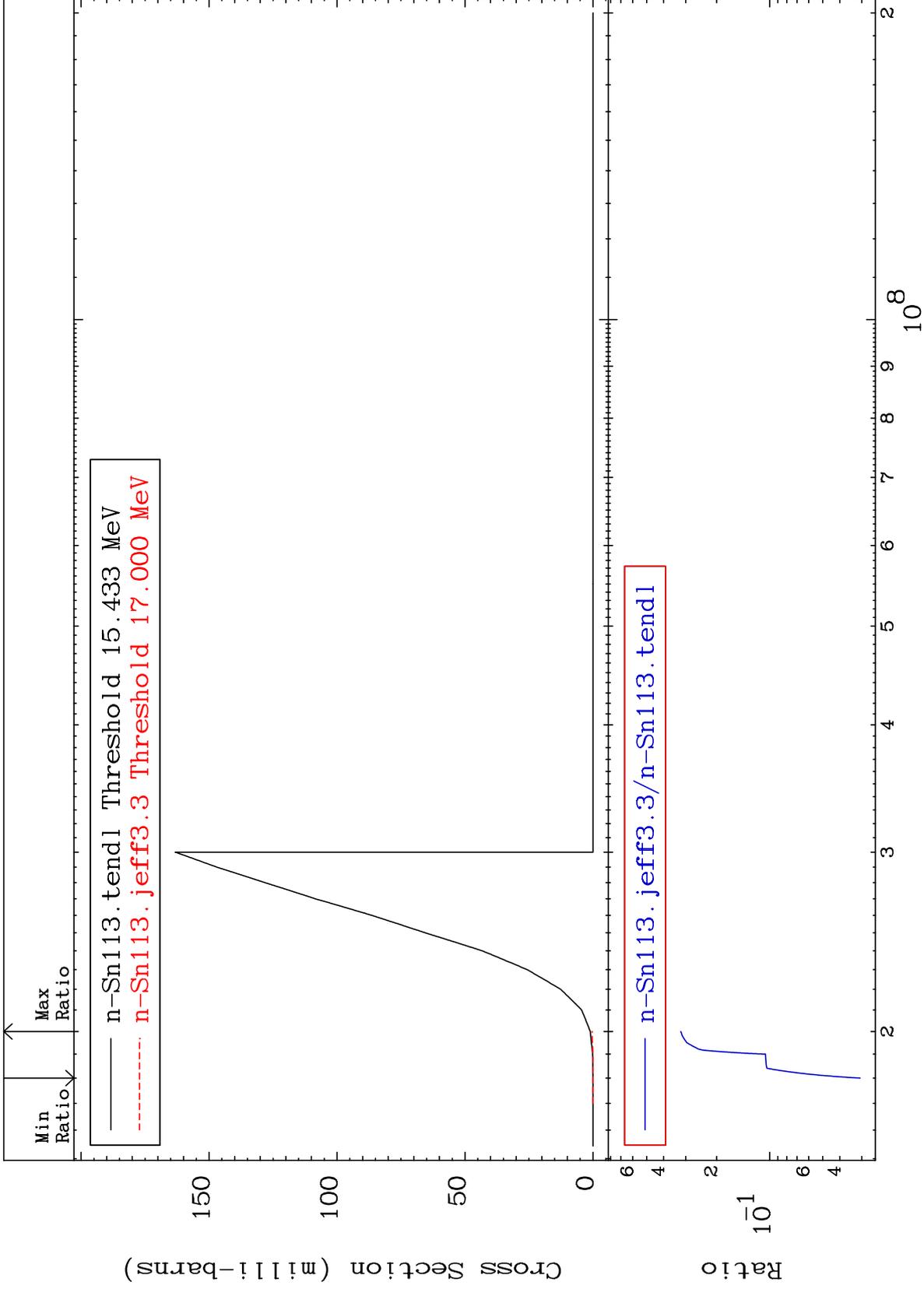
Incident Energy (eV)

50-Sn-113

MAT 5028

(n,2n) p  
Cross Section

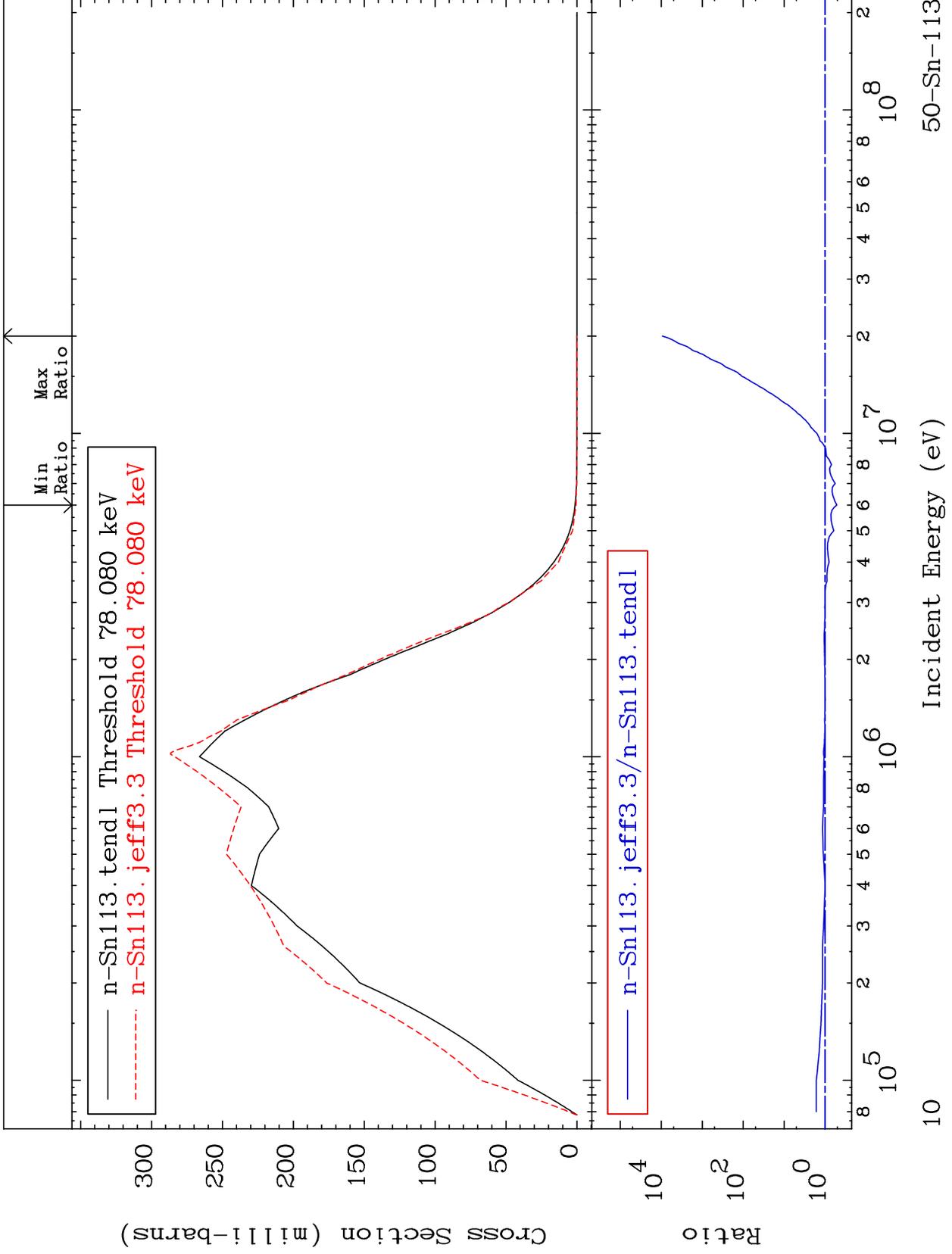
50-Sn-113  
-96.93 To -68.01%



MAT 5028

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

50-Sn-113  
-48.30 To 9999. %

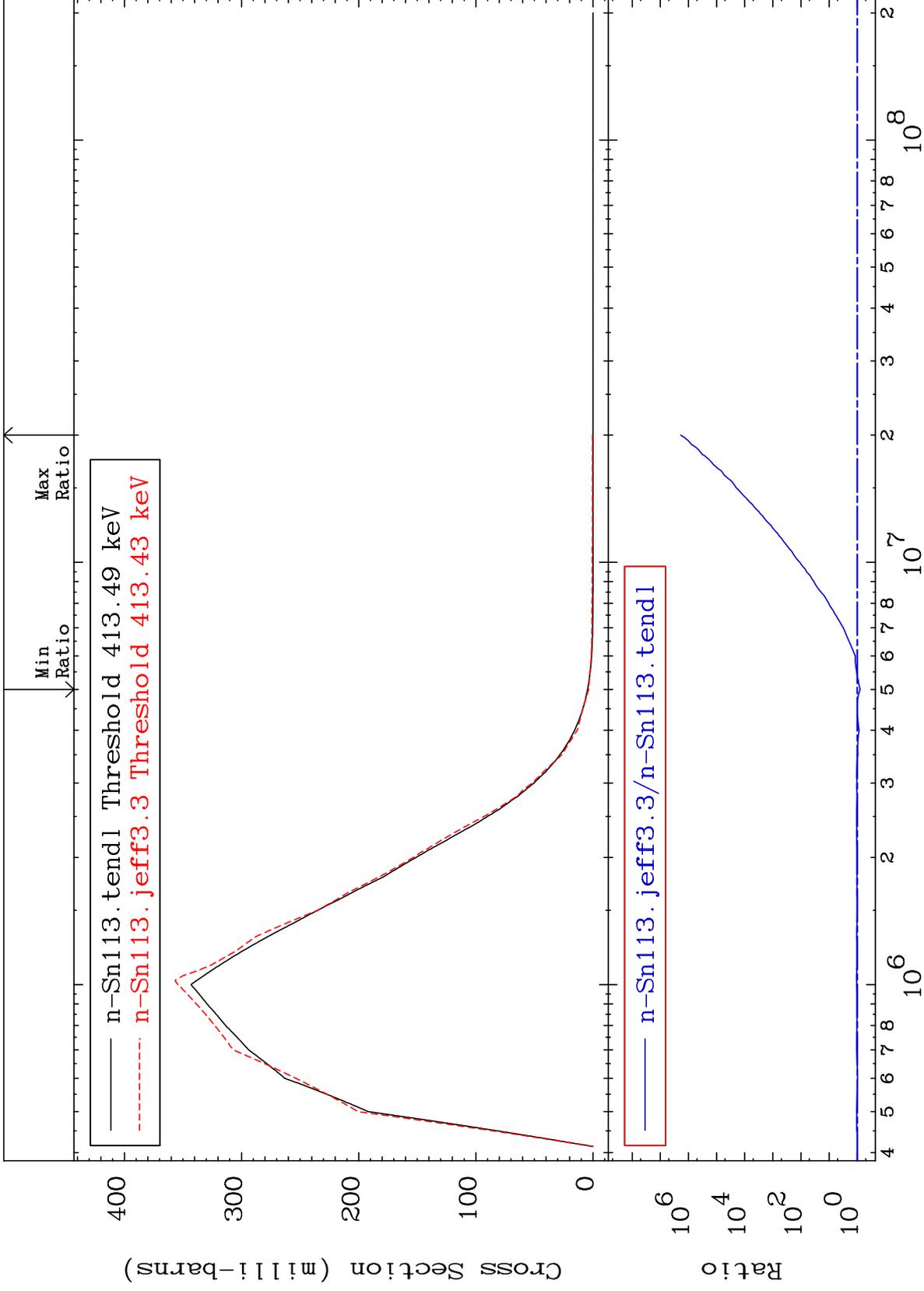


50-Sn-113

MAT 5028

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

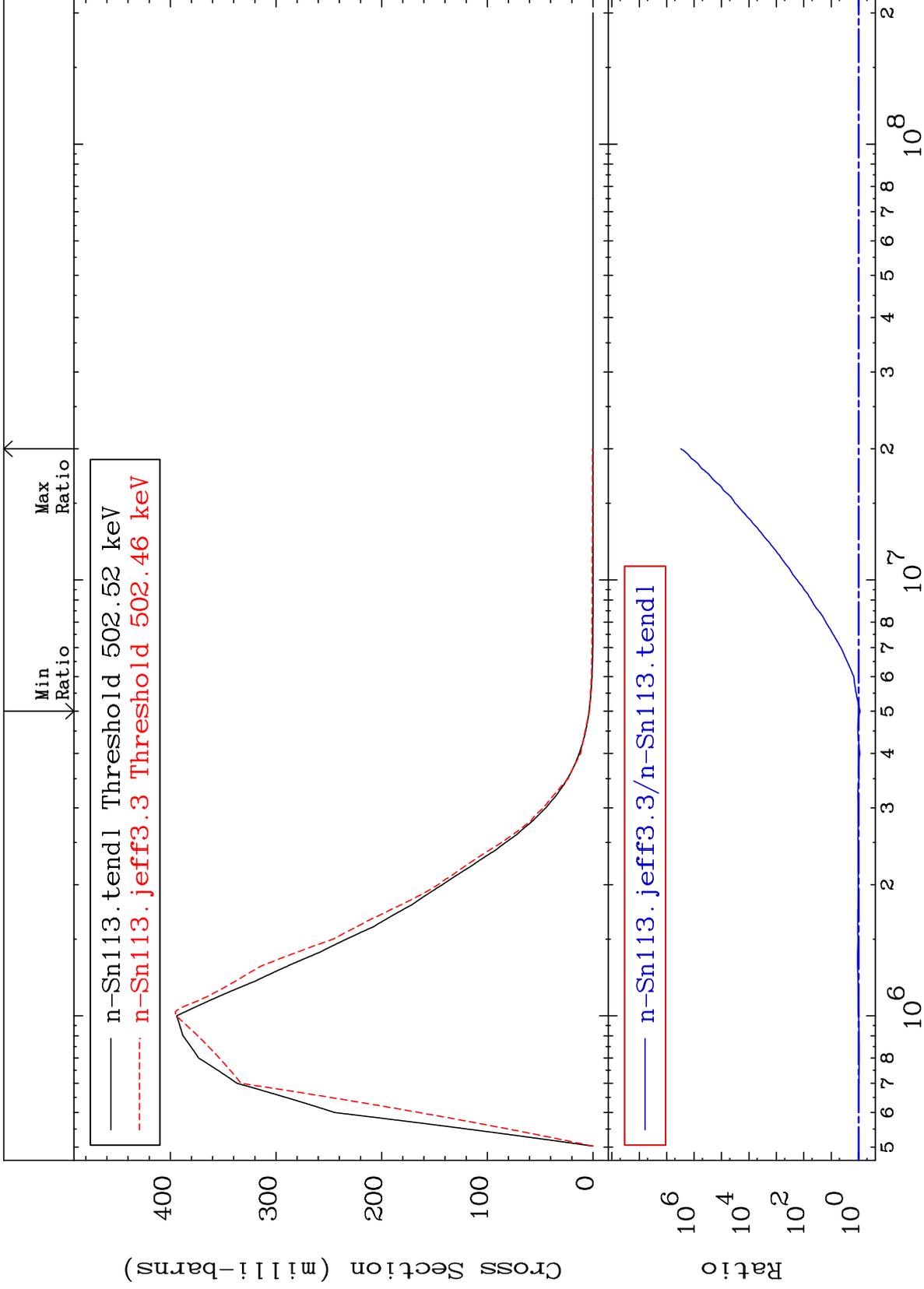
50-Sn-113  
-20.94 To 9999. %



MAT 5028

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

50-Sn-113  
-11.55 To 9999. %



12

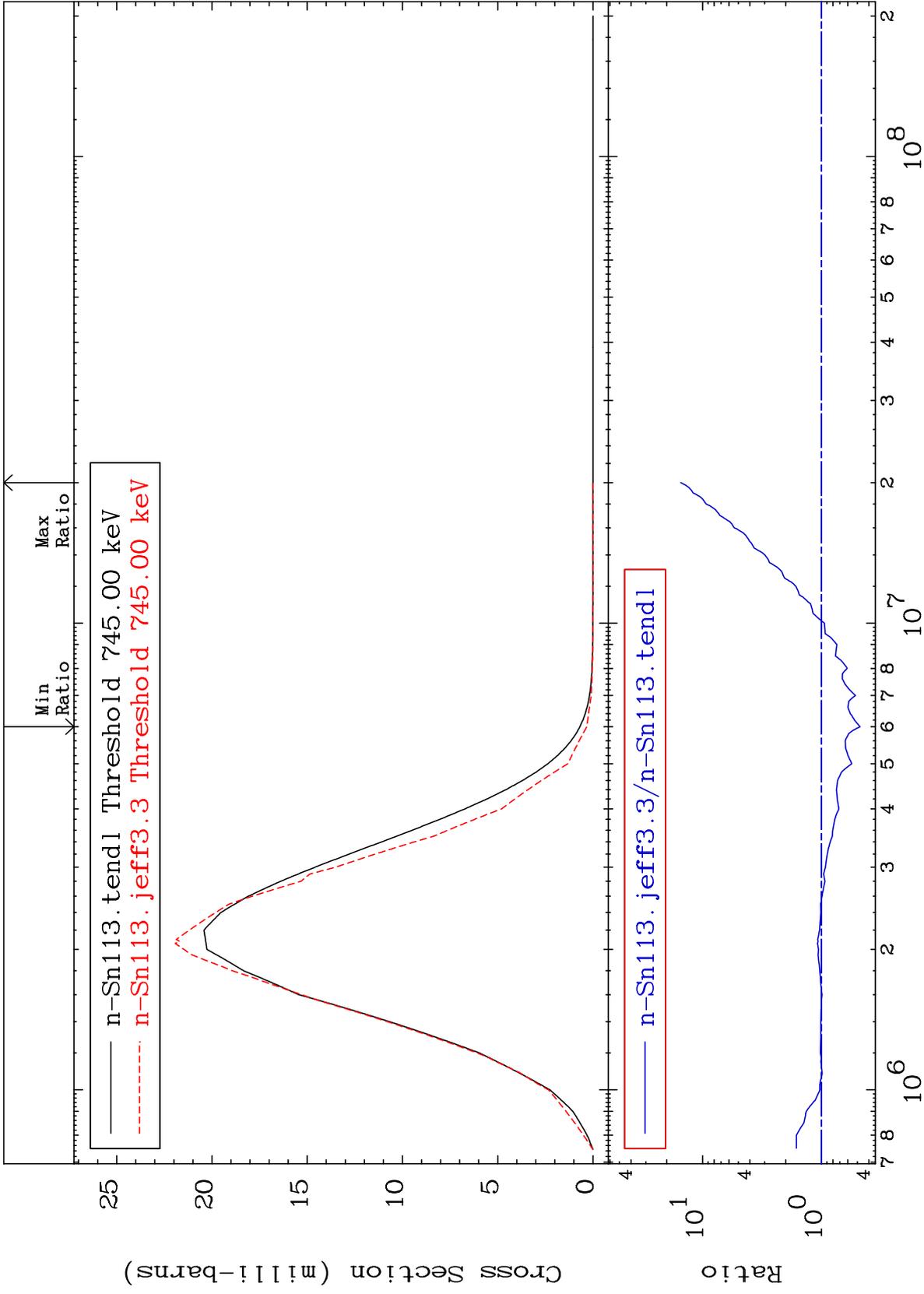
Incident Energy (eV)

50-Sn-113

MAT 5028

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

50-Sn-113  
-52.64 To 1425. %



13

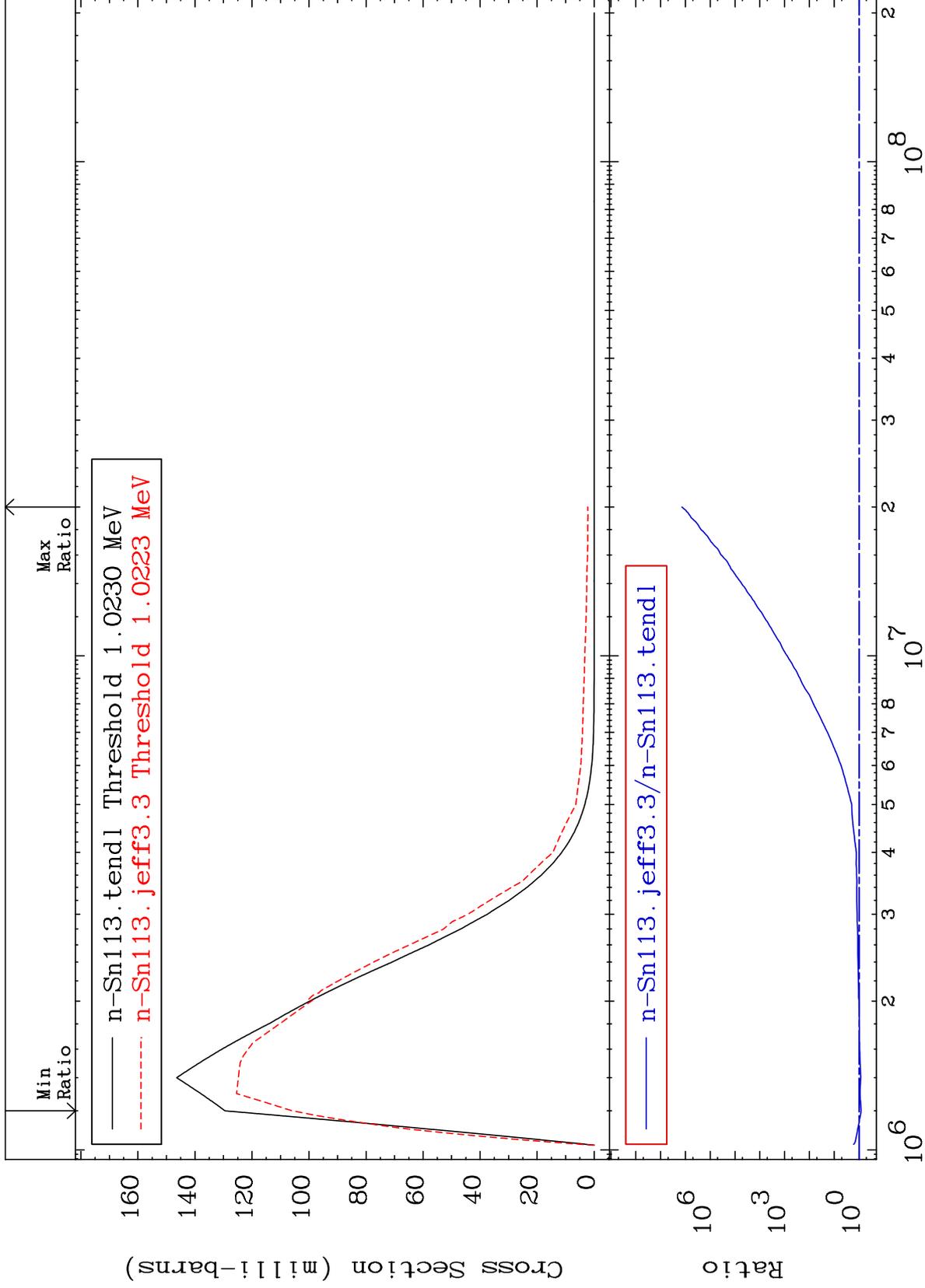
Incident Energy (eV)

50-Sn-113

MAT 5028

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

50-Sn-113  
-18.19 To 9999. %



14

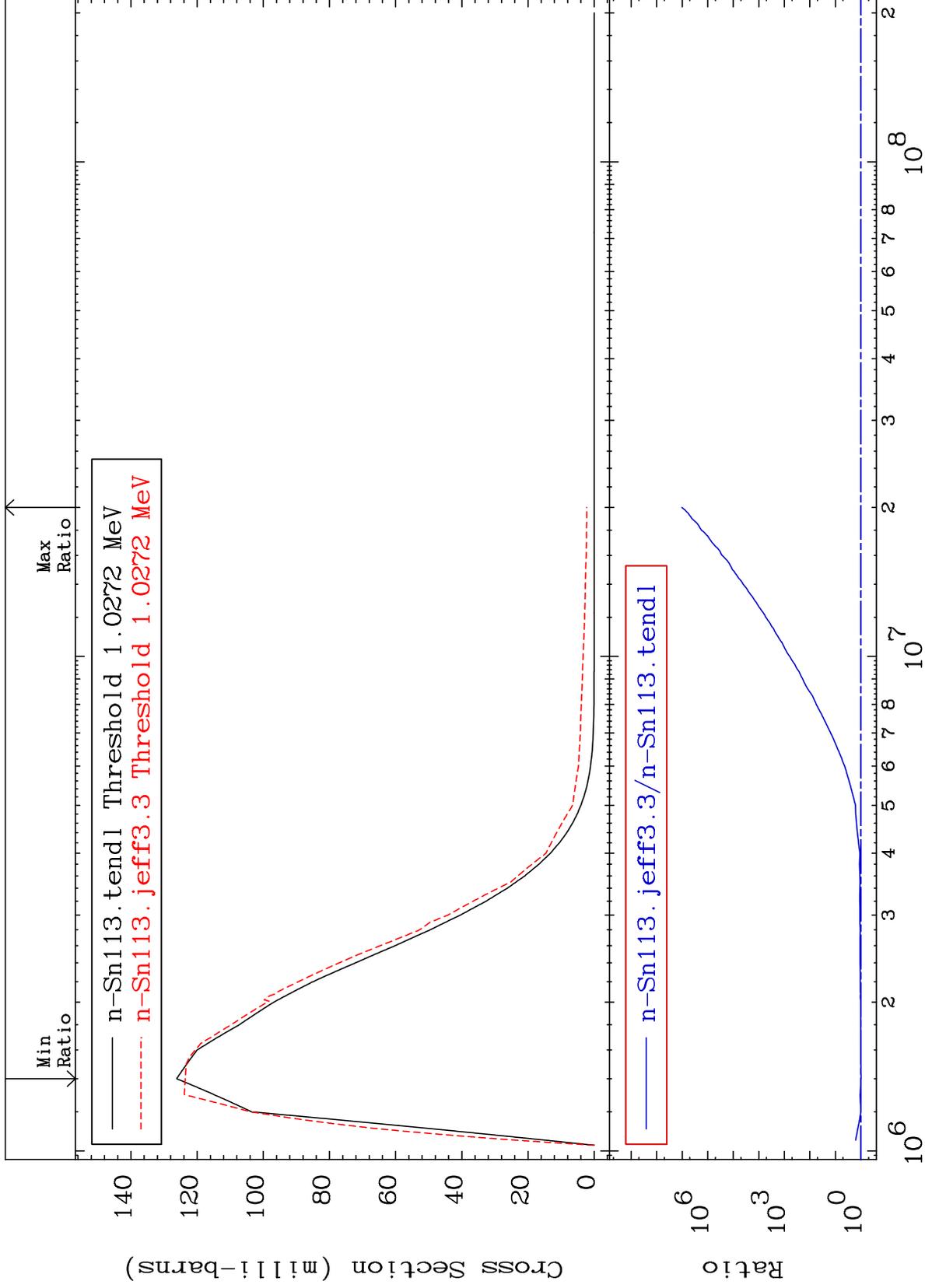
Incident Energy (eV)

50-Sn-113

MAT 5028

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

50-Sn-113  
-2.068 To 9999. %



15

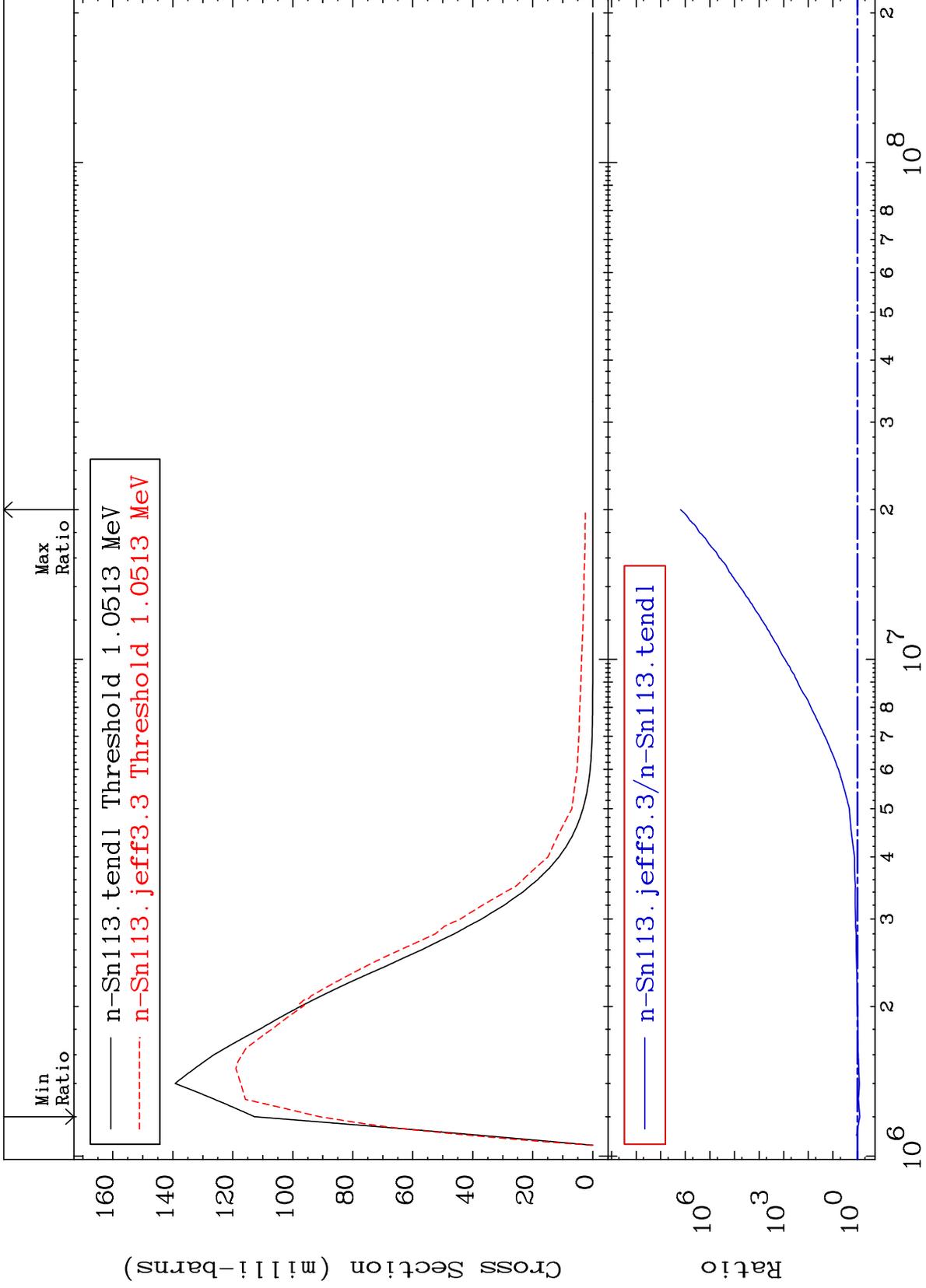
Incident Energy (eV)

50-Sn-113

MAT 5028

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

50-Sn-113  
-19.17 To 9999. %



16

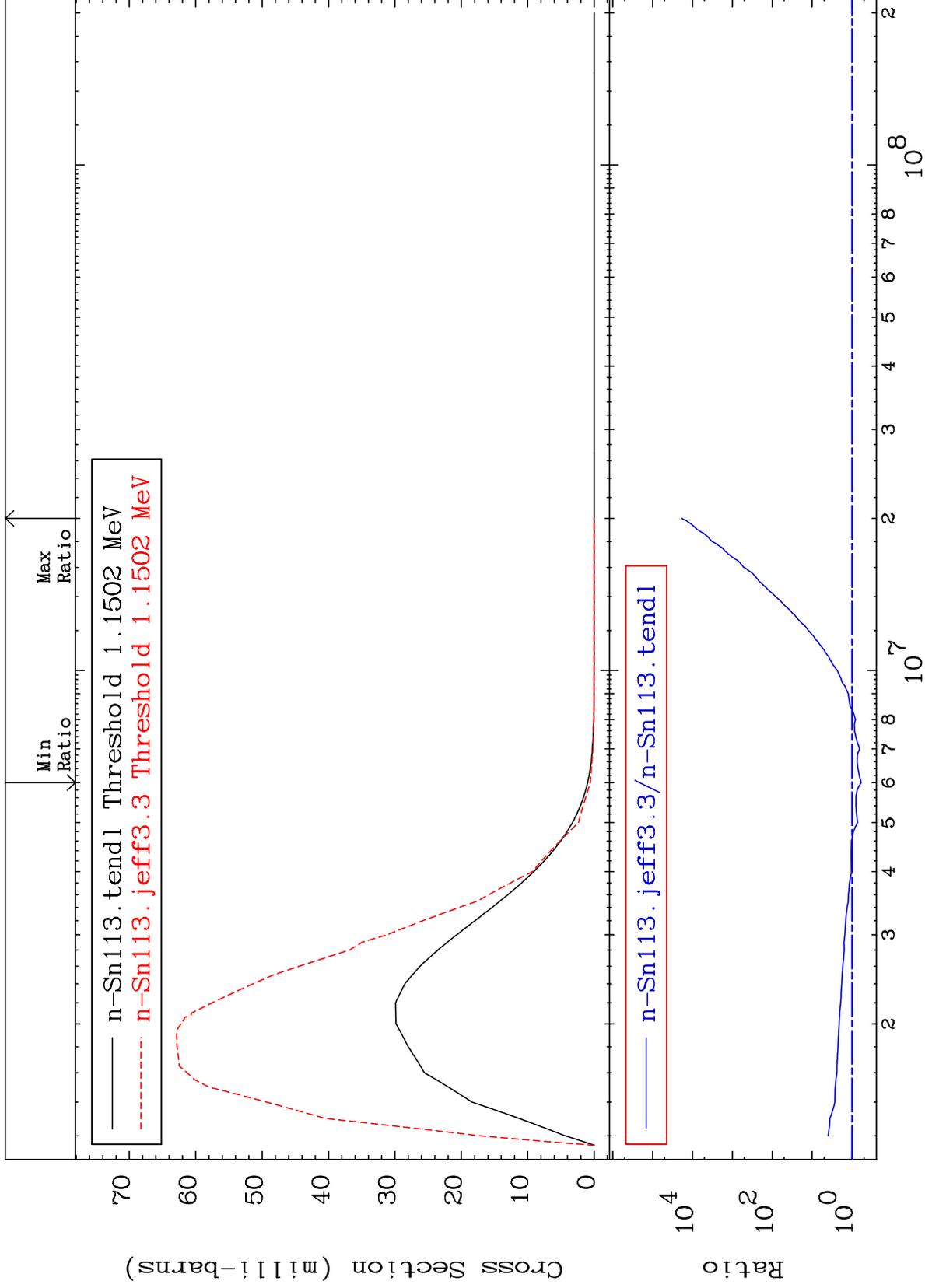
Incident Energy (eV)

50-Sn-113

MAT 5028

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

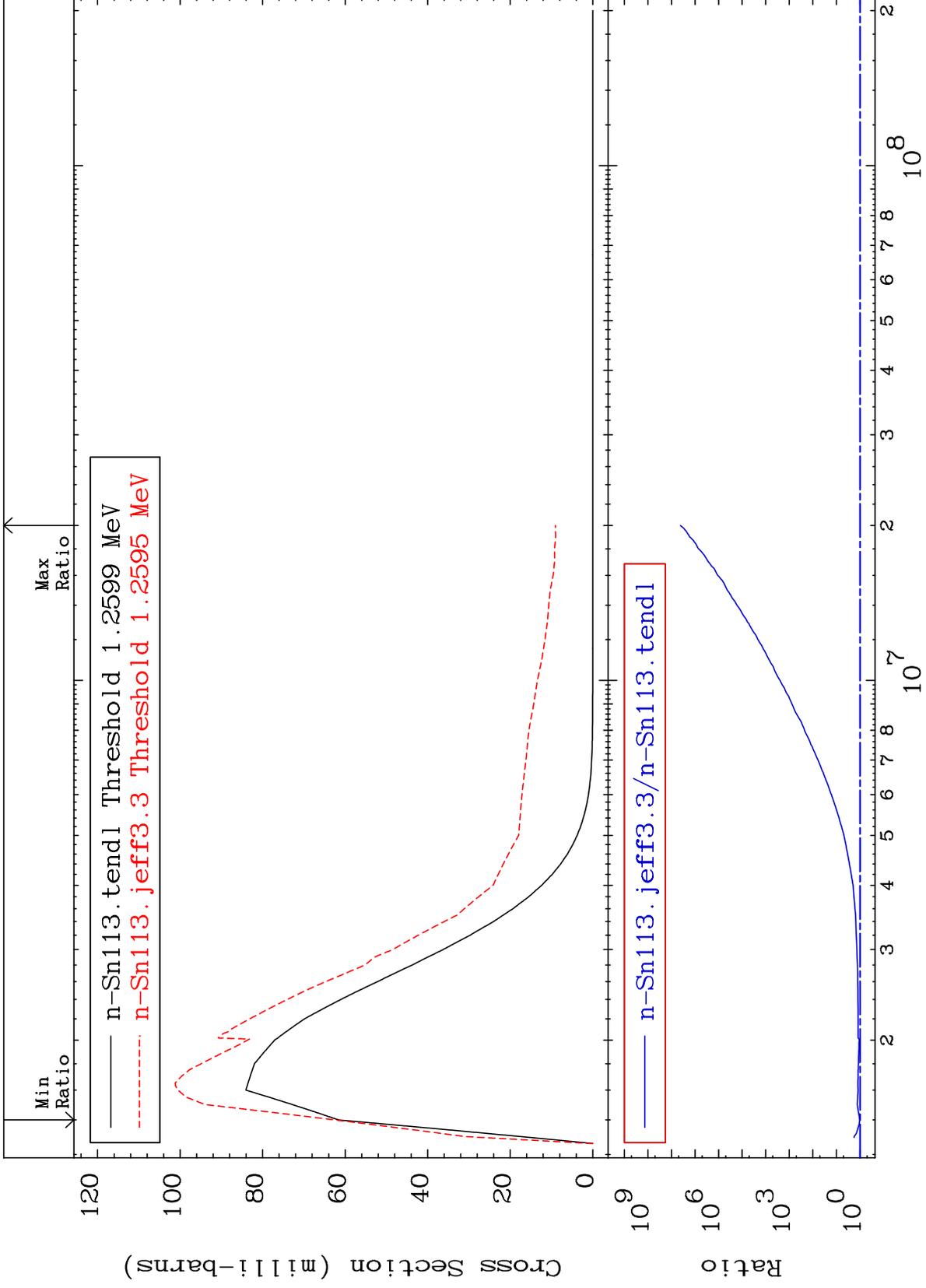
50-Sn-113  
-41.05 To 9999. %



MAT 5028

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

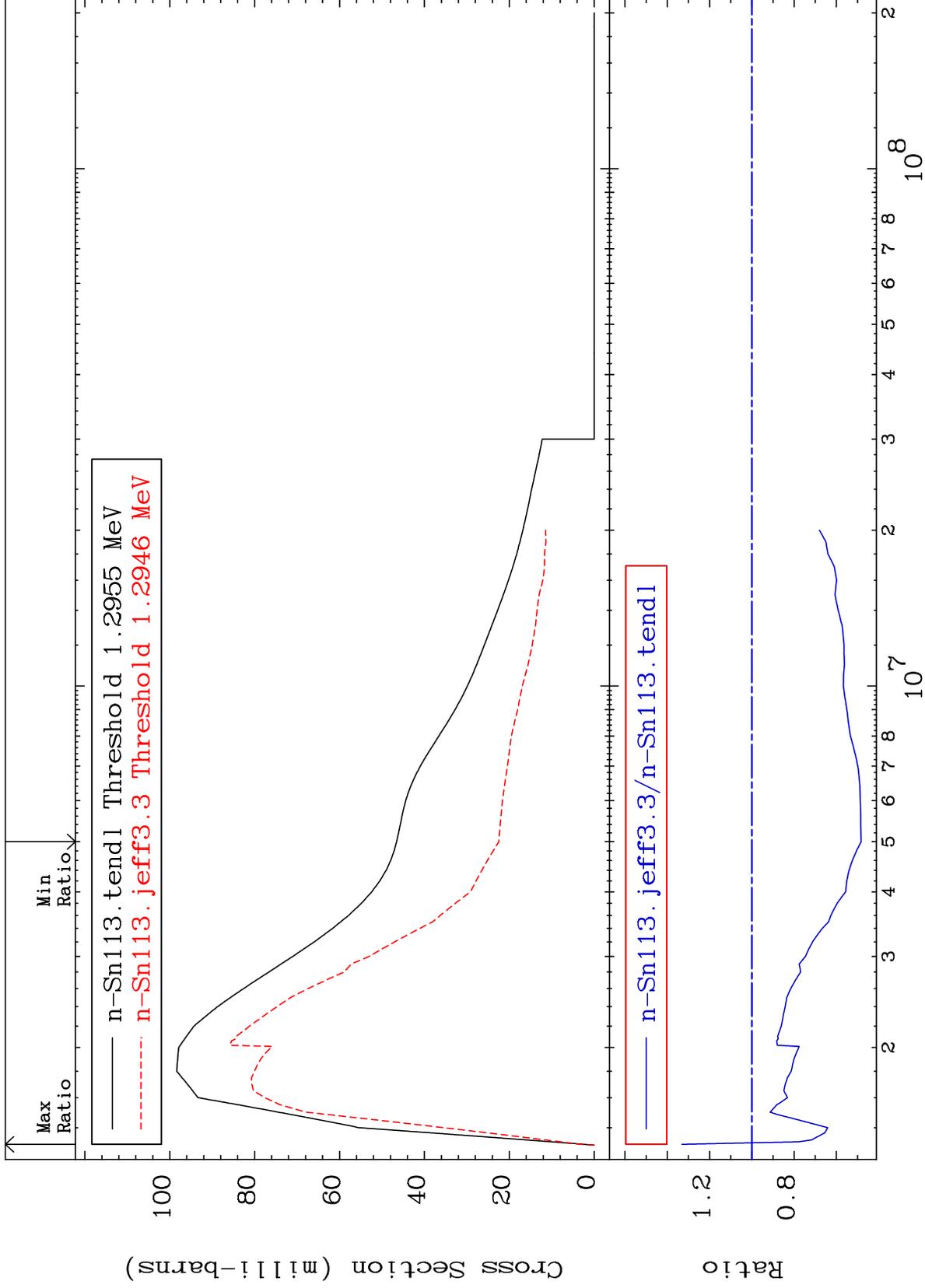
50-Sn-113  
1.412 To 9999. %



MAT 5028

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

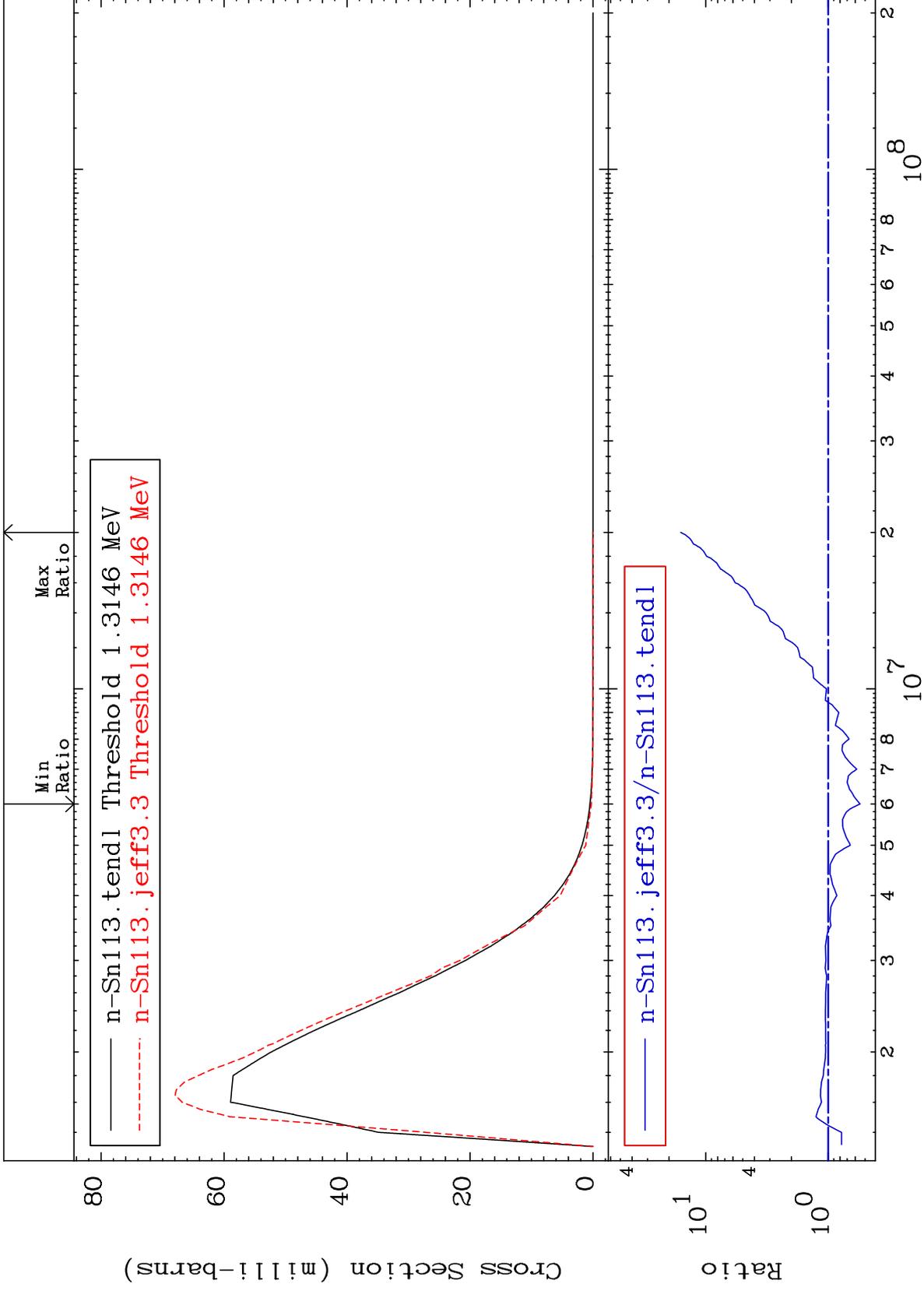
50-Sn-113  
-51.70 To 33.07 %



MAT 5028

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

50-Sn-113  
-45.16 To 1502. %



20

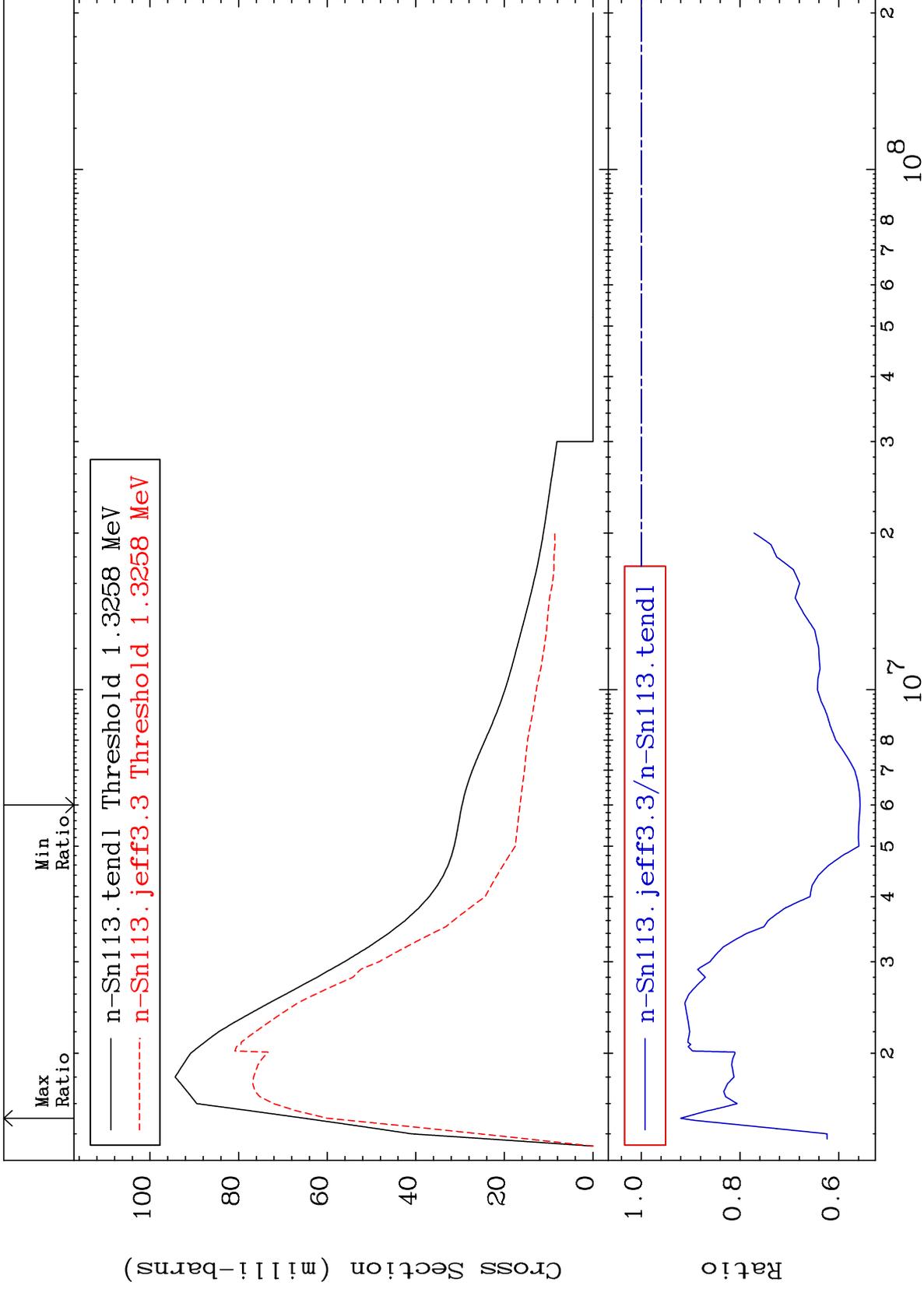
Incident Energy (eV)

50-Sn-113

MAT 5028

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

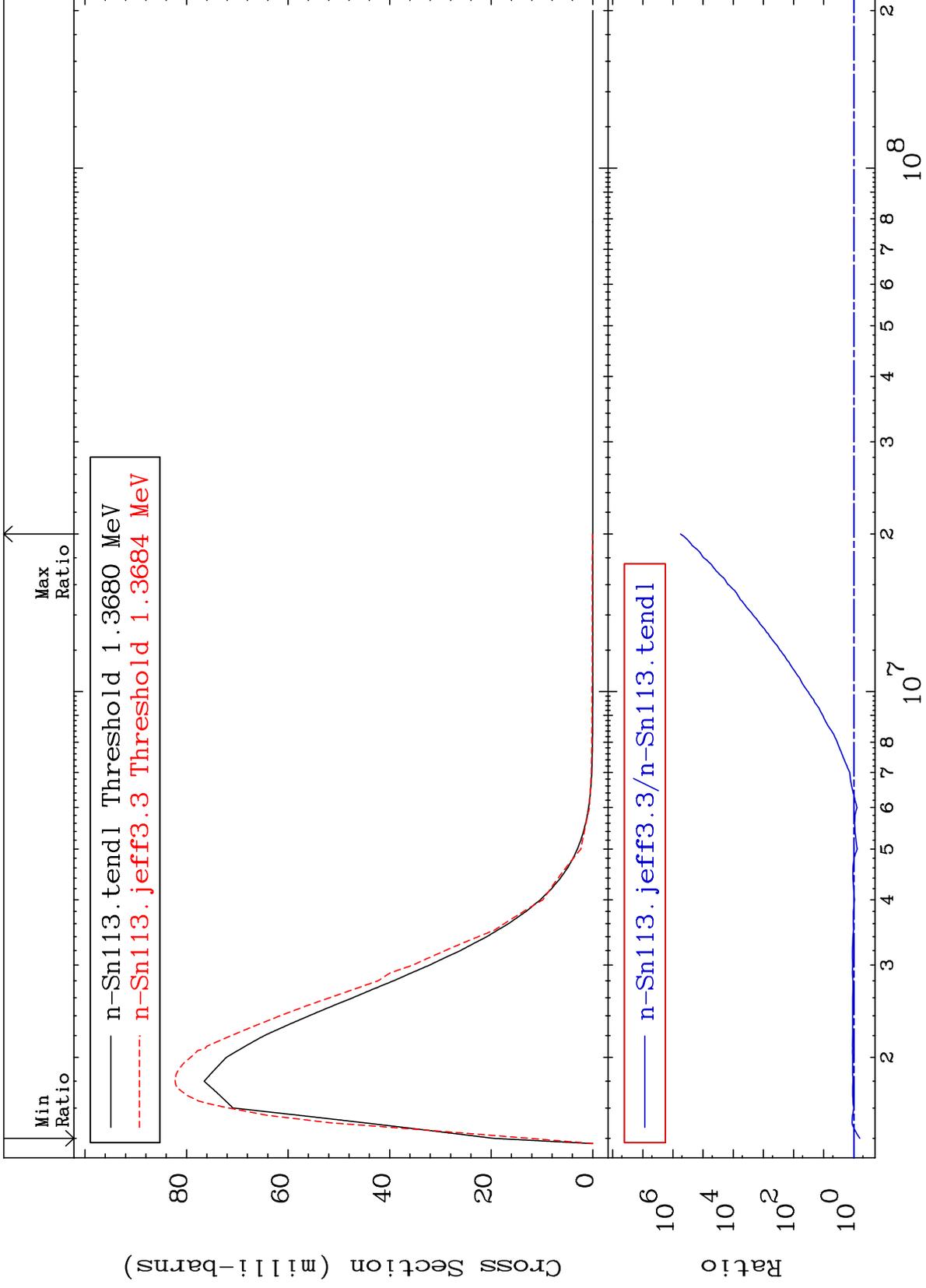
50-Sn-113  
-44.31 To -7.999%



MAT 5028

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

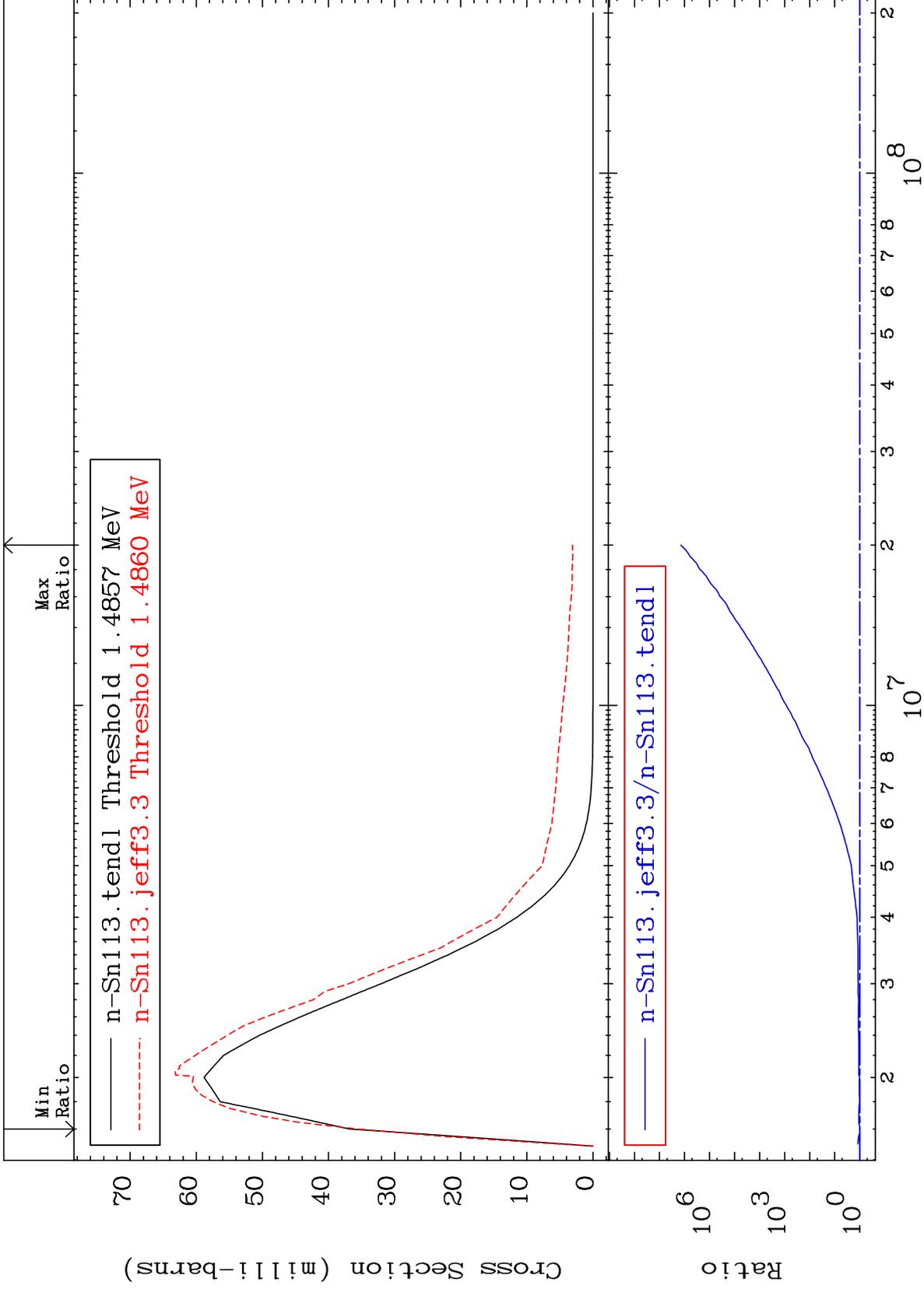
50-Sn-113  
-36.31 To 9999. %



MAT 5028

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

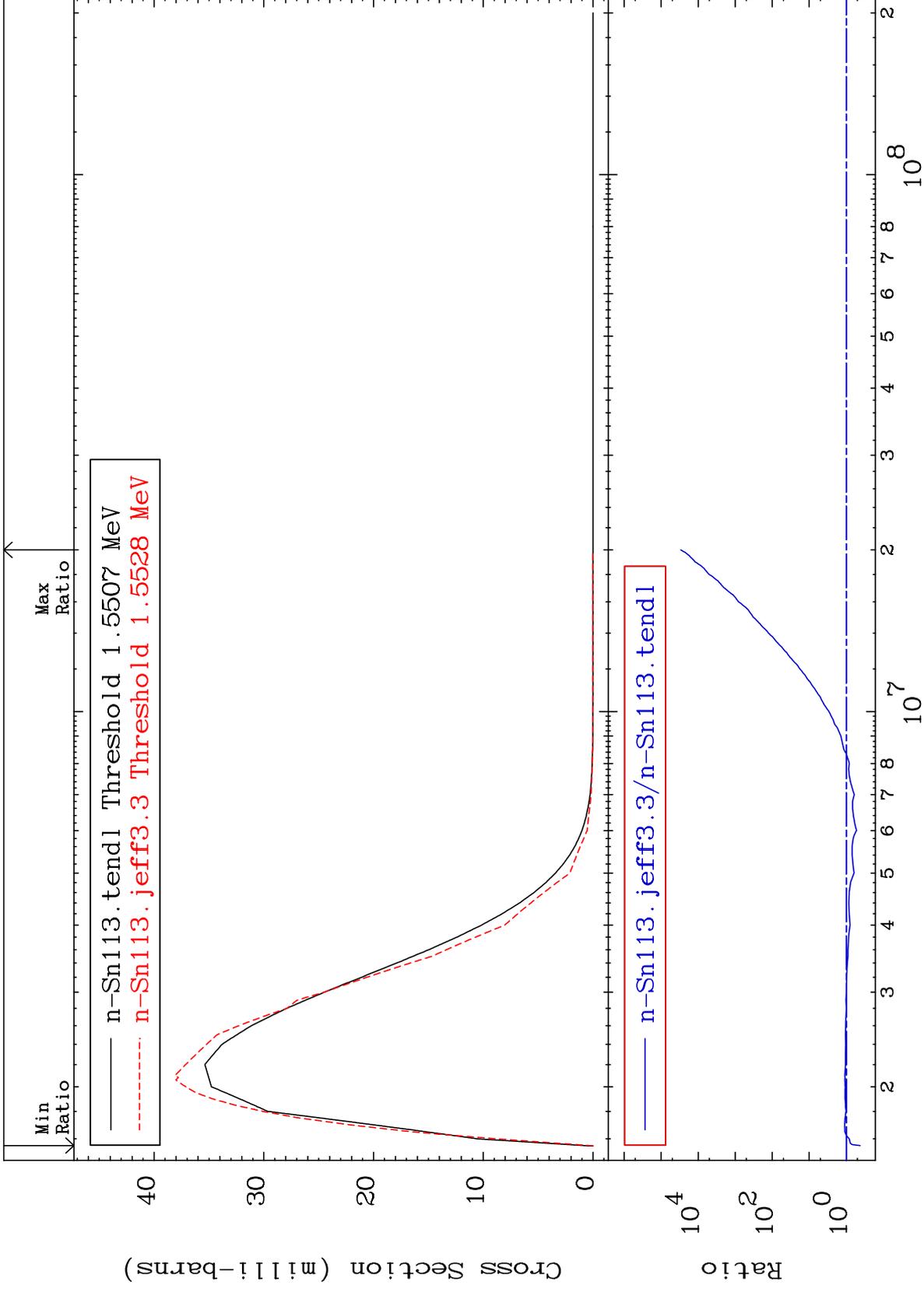
50-Sn-113  
-3.394 To 9999. %



MAT 5028

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

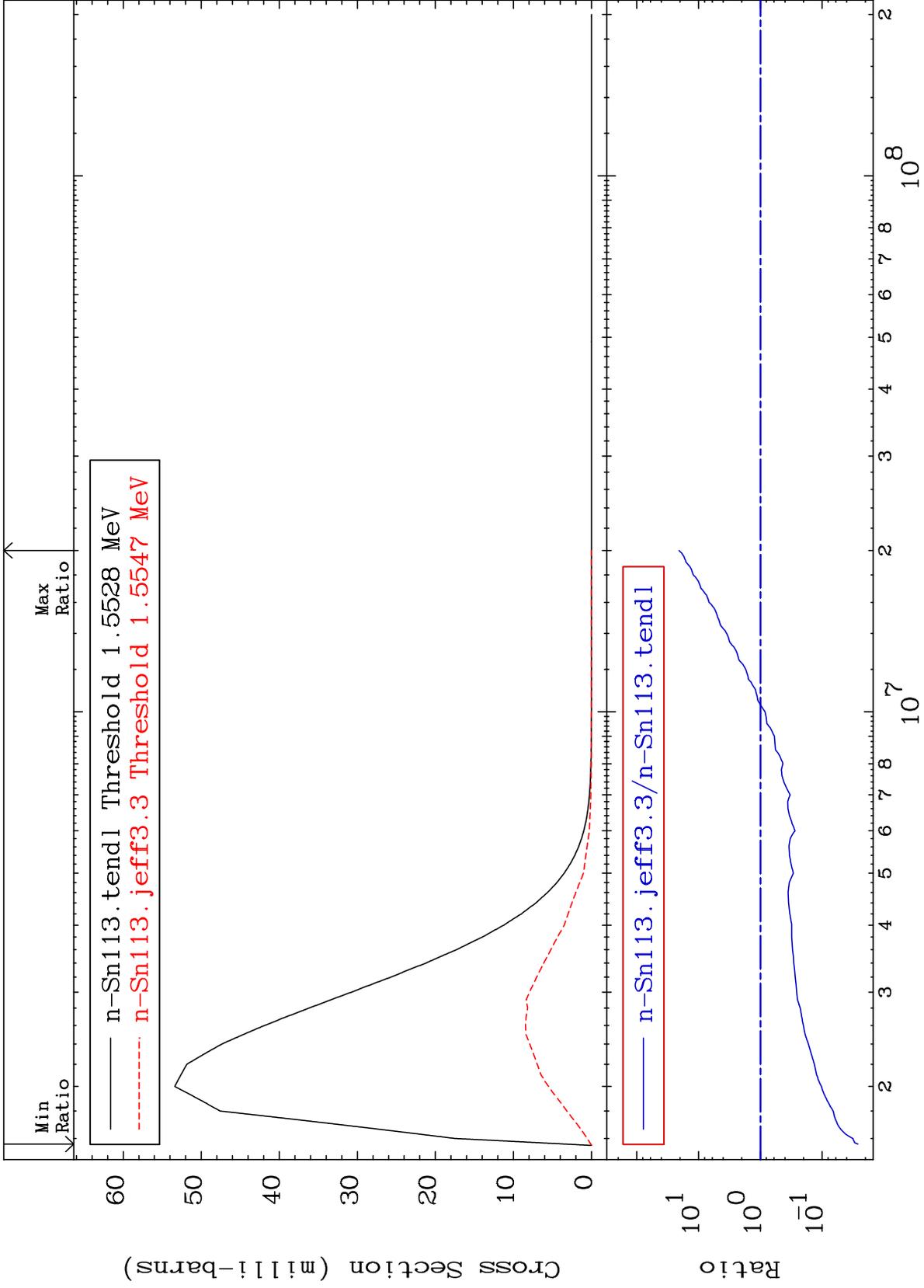
50-Sn-113  
-57.71 To 9999. %



MAT 5028

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

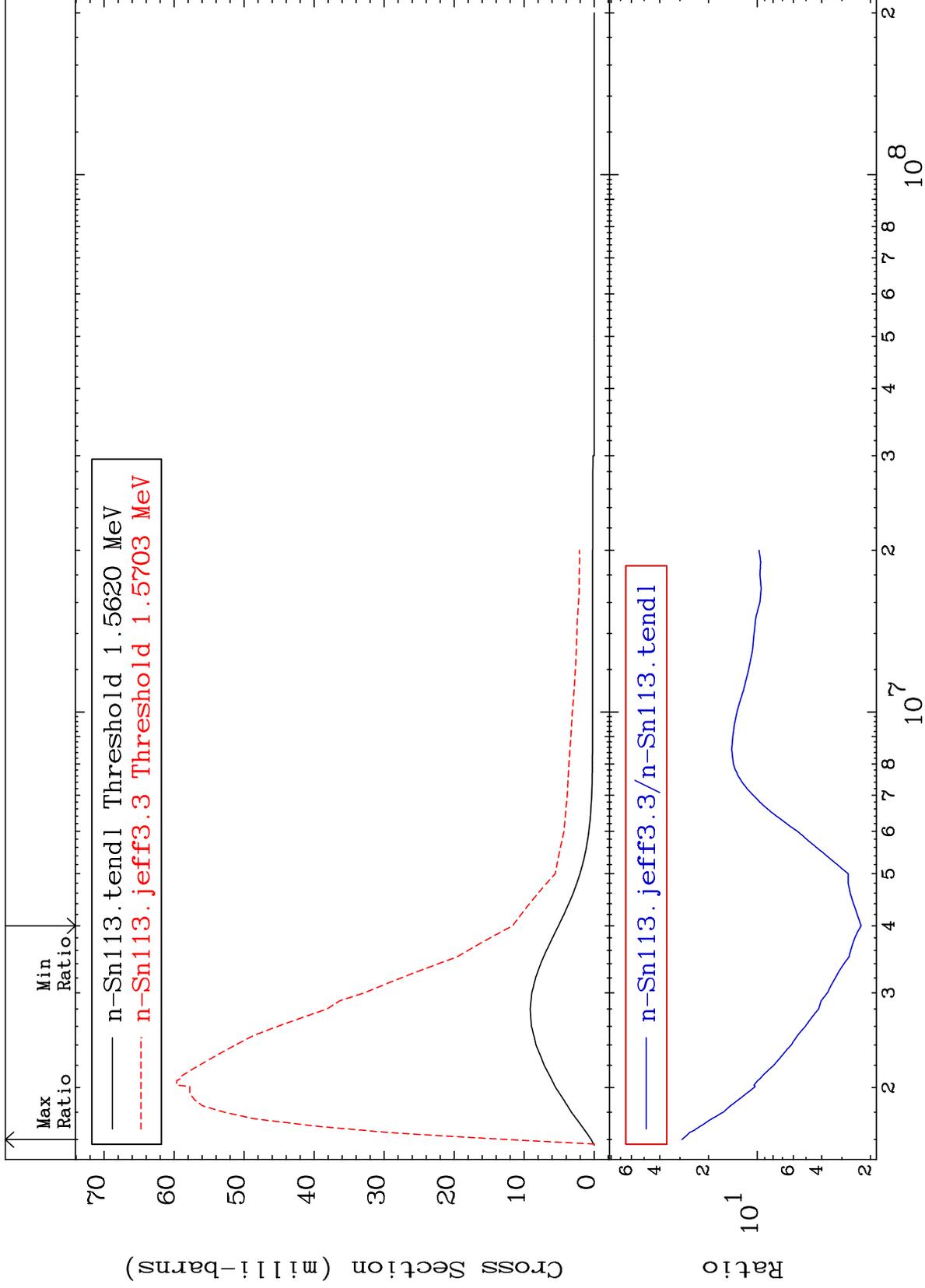
50-Sn-113  
-97.36 To 1969. %



MAT 5028

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

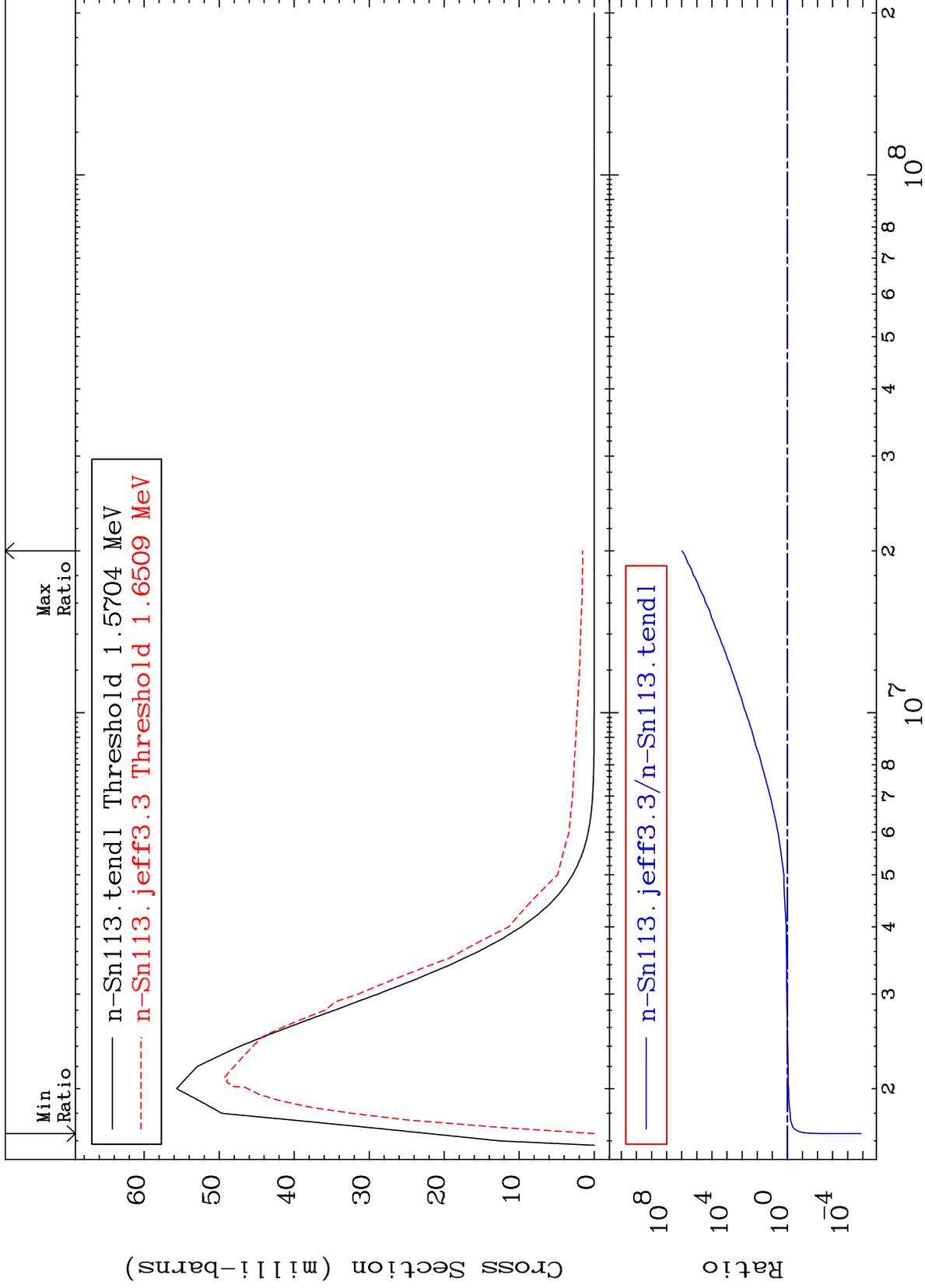
128.4 To 2821. %  
50-Sn-113



MAT 5028

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

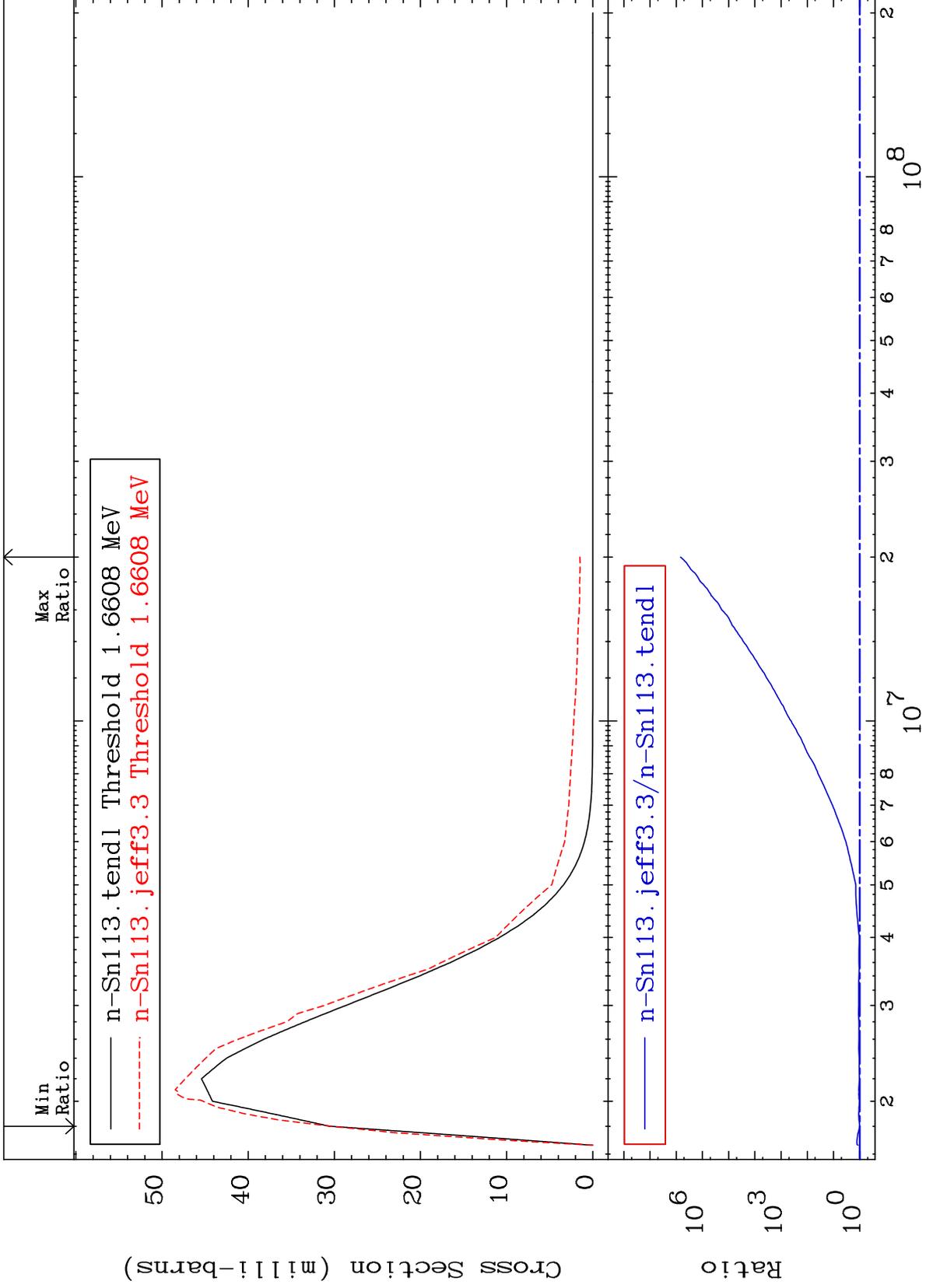
50-Sn-113  
-100.0 To 9999. %



MAT 5028

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

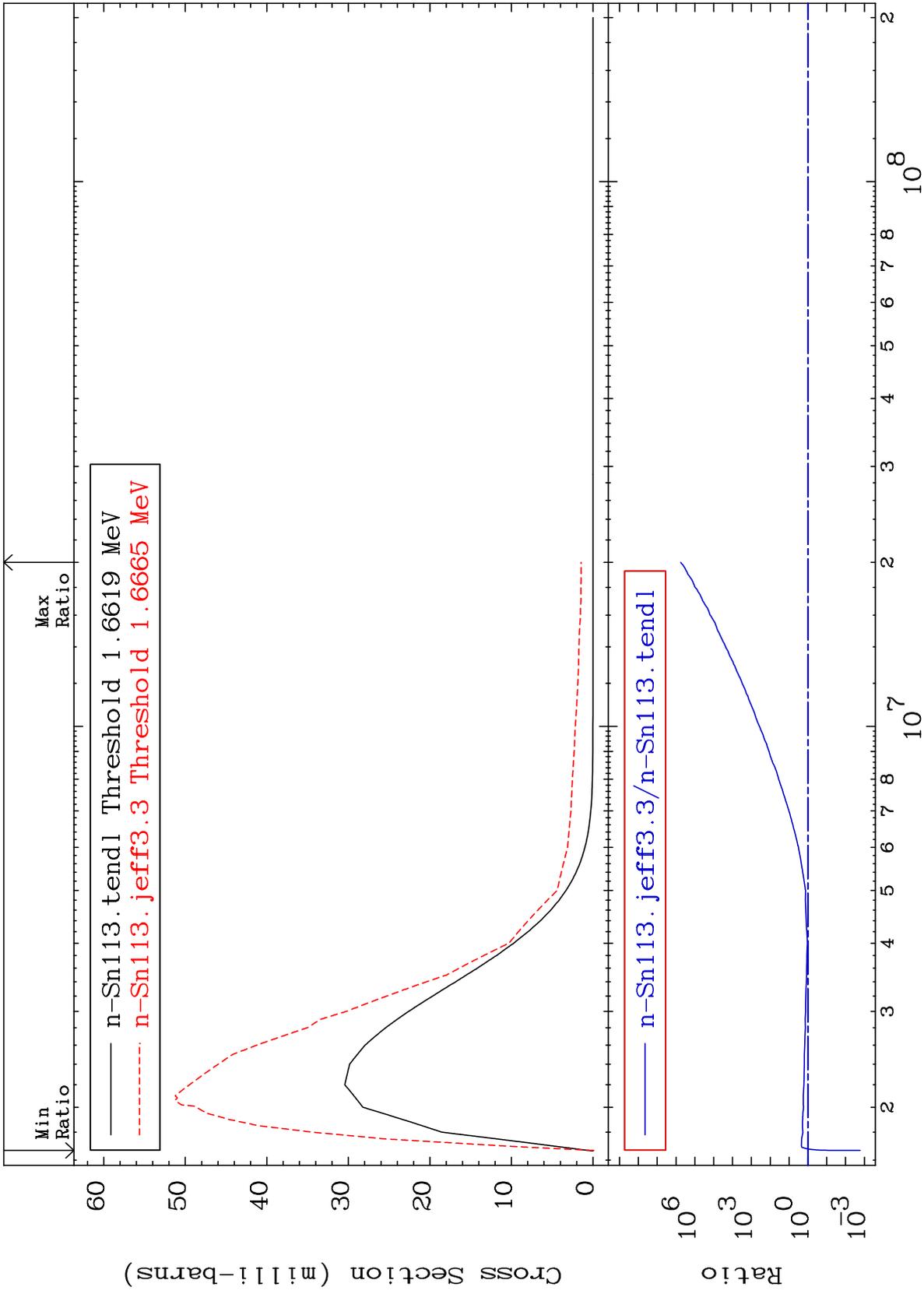
50-Sn-113  
-0.462 To 9999. %



MAT 5028

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

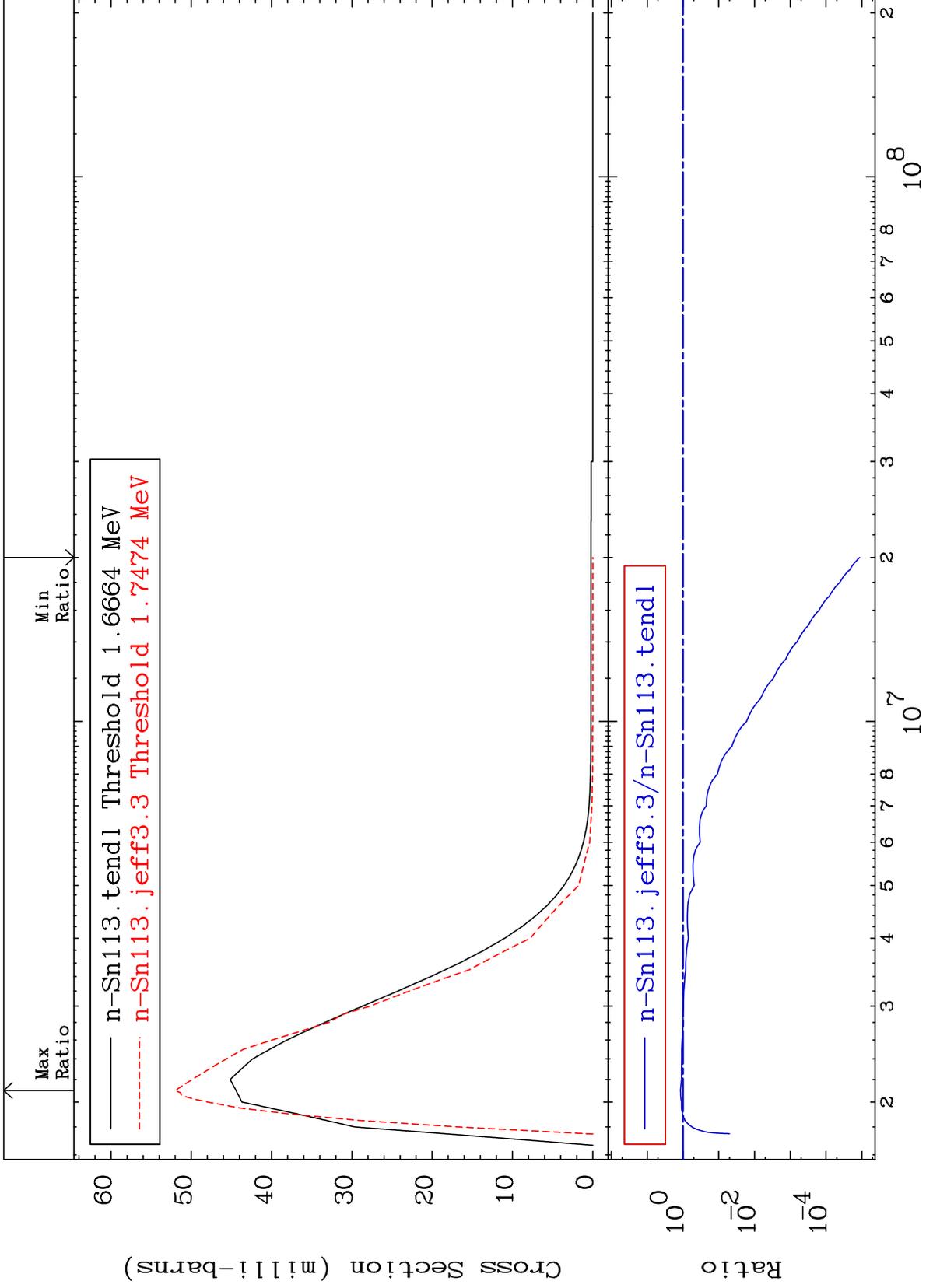
50-Sn-113  
-99.83 To 9999. %



MAT 5028

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

50-Sn-113  
-100.0 To 17.08 %



Max  
Ratio

Min  
Ratio

— n-Sn113.tendl Threshold 1.6664 MeV  
- - - n-Sn113.jeff3.3 Threshold 1.7474 MeV

— n-Sn113.jeff3.3/n-Sn113.tendl

30

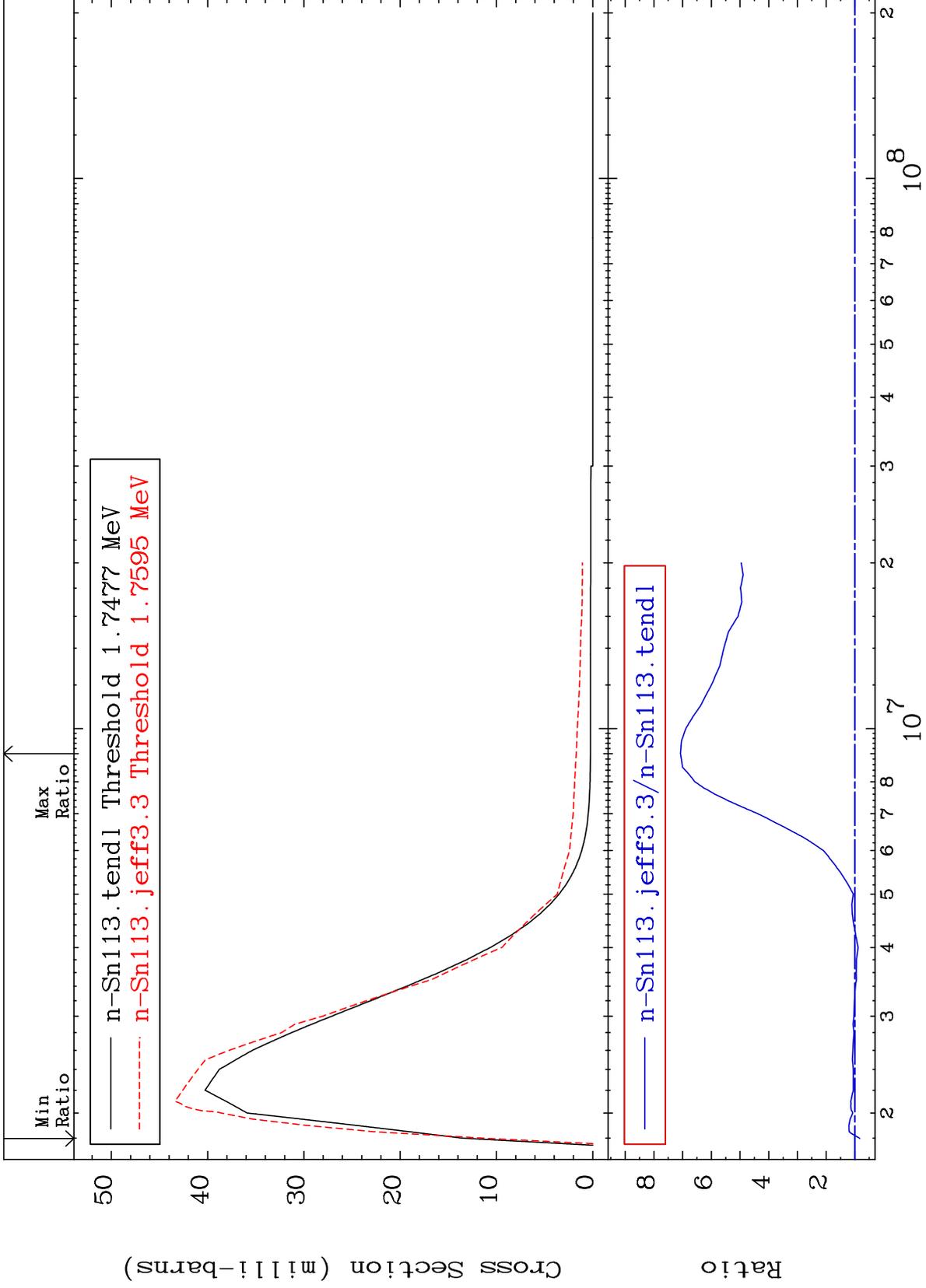
Incident Energy (eV)

50-Sn-113

MAT 5028

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

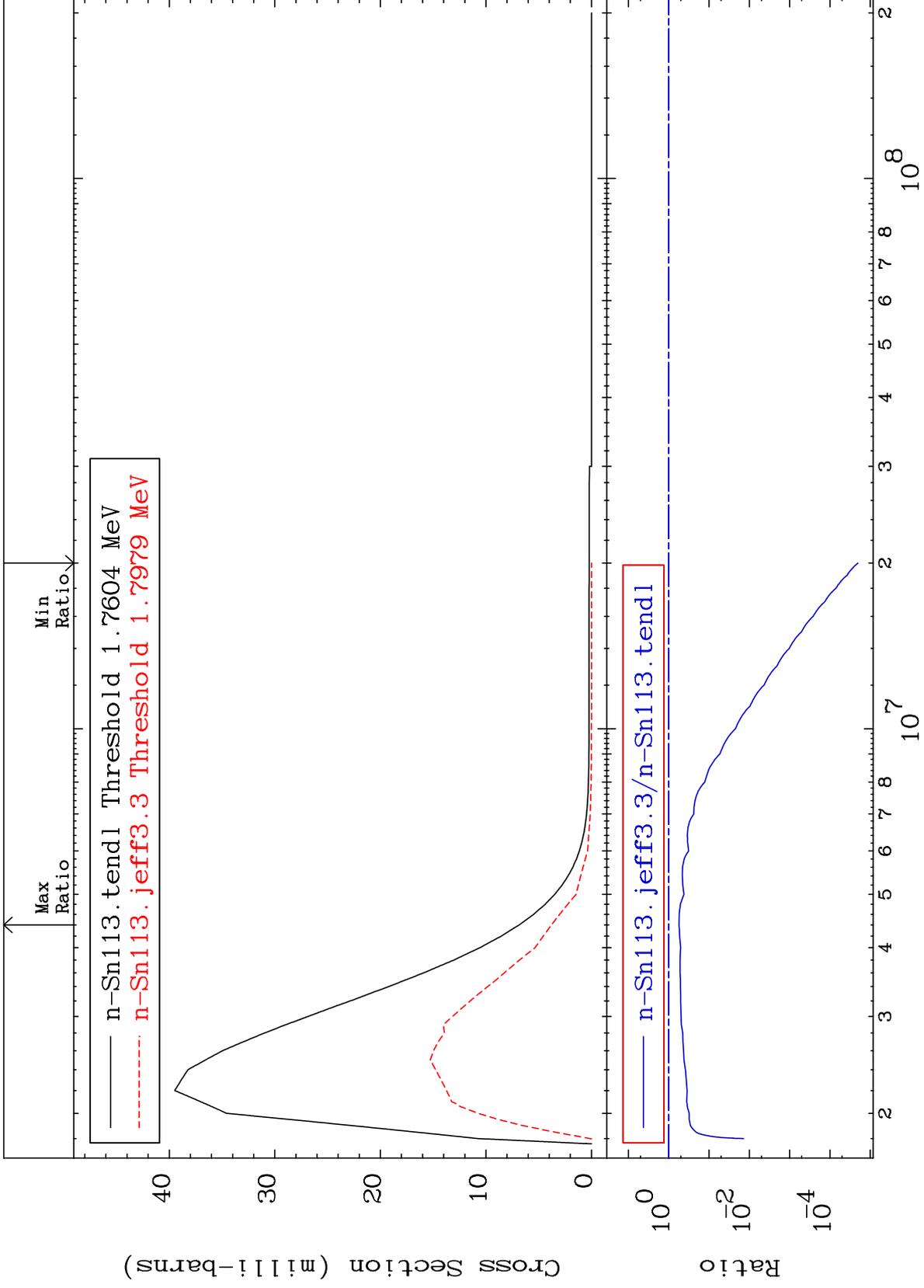
50-Sn-113  
-17.08 To 607.3 %



MAT 5028

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

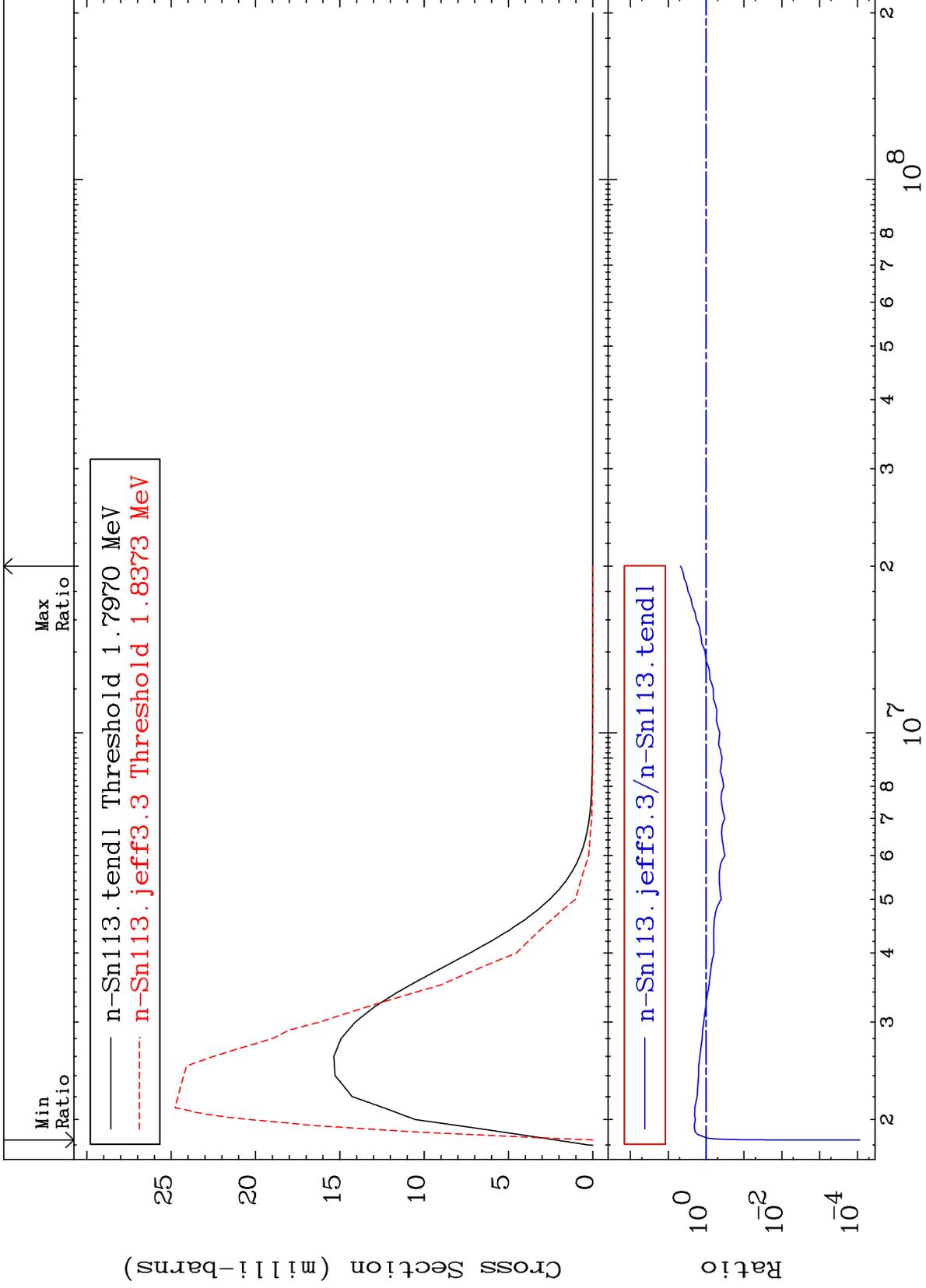
50-Sn-113  
-100.0 To -44.64%



MAT 5028

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

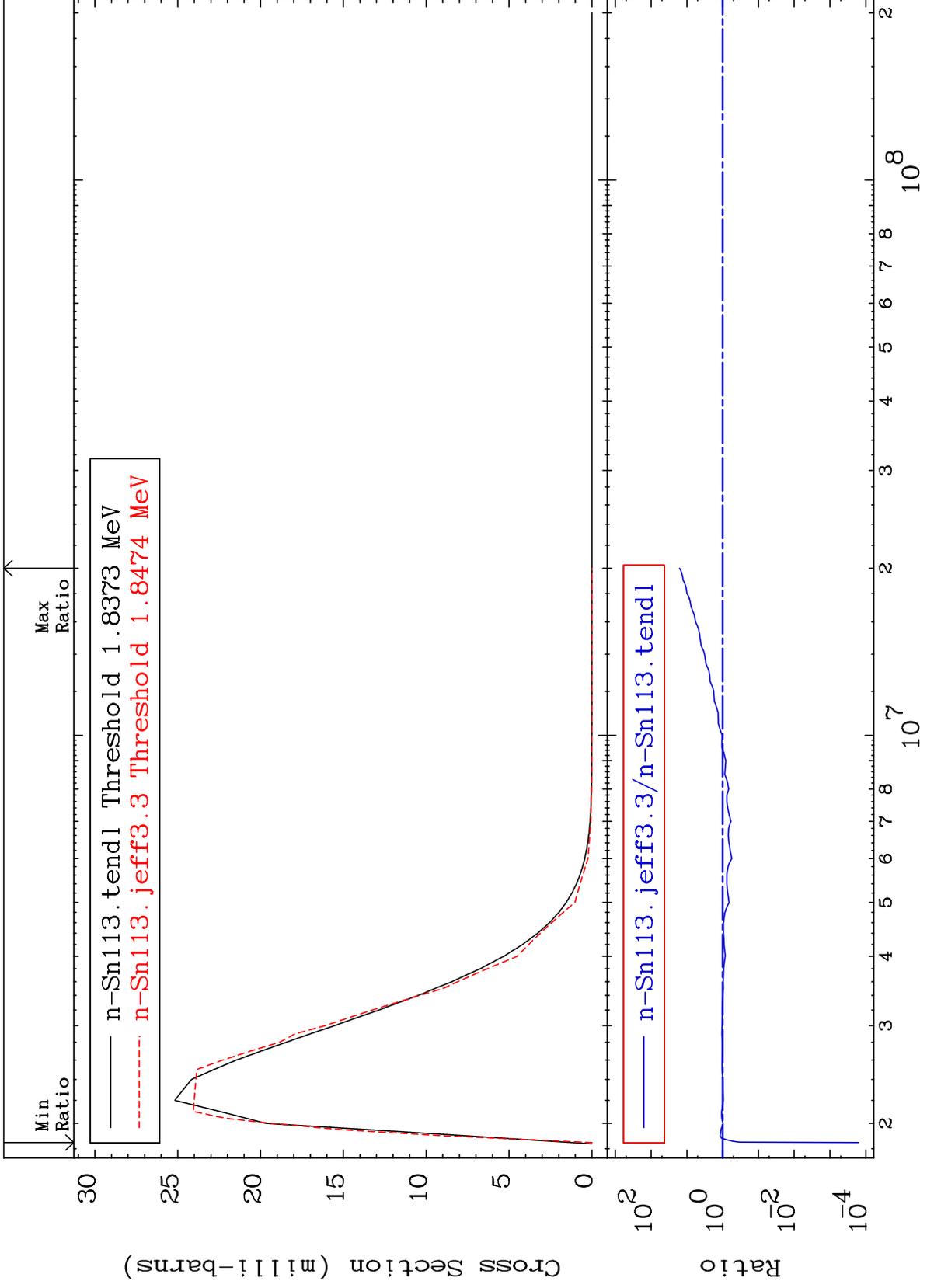
50-Sn-113  
-99.99 To 375.9 %



MAT 5028

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

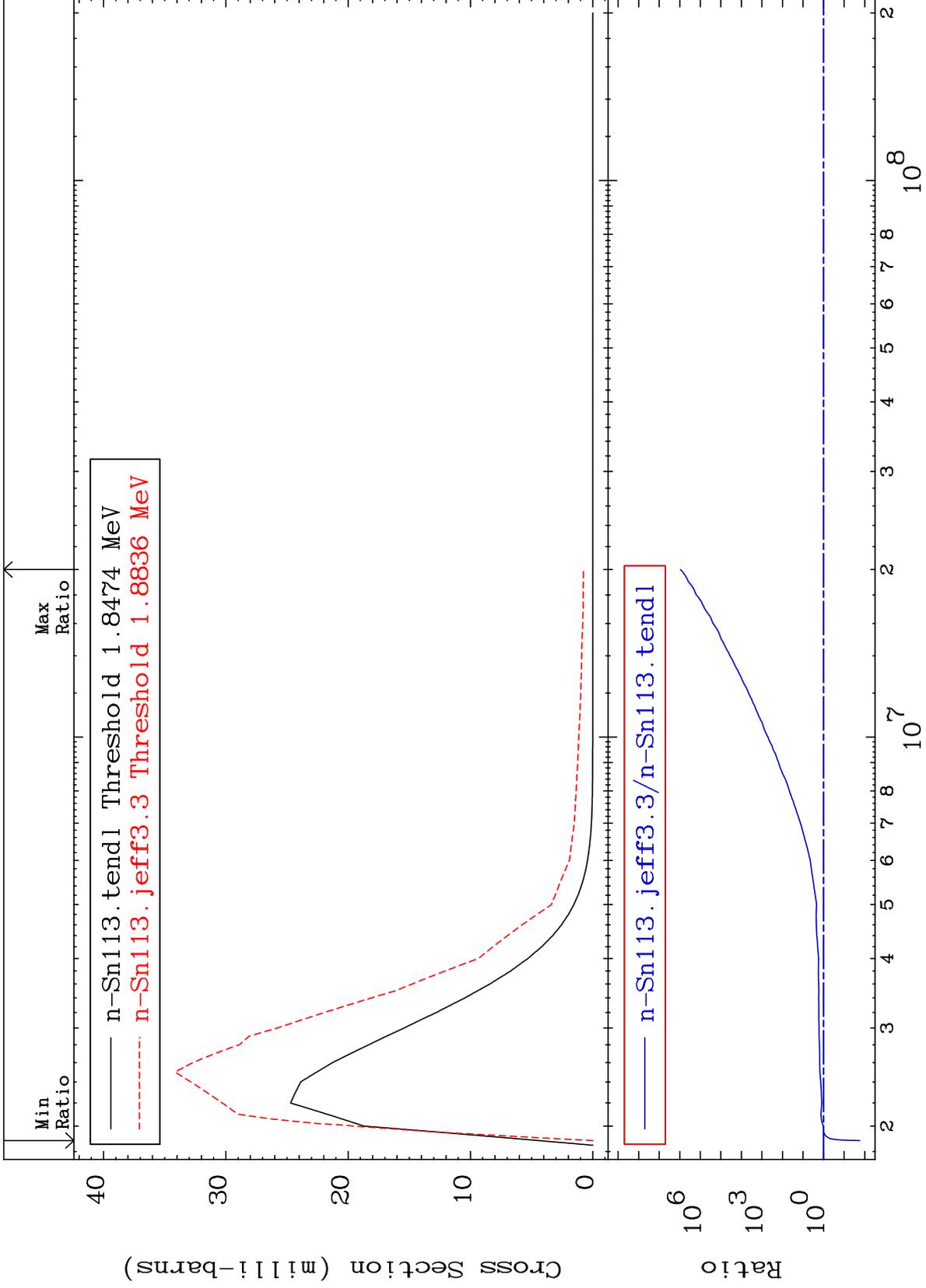
50-Sn-113  
-99.98 To 1506. %



MAT 5028

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

50-Sn-113  
-98.26 To 9999. %



35

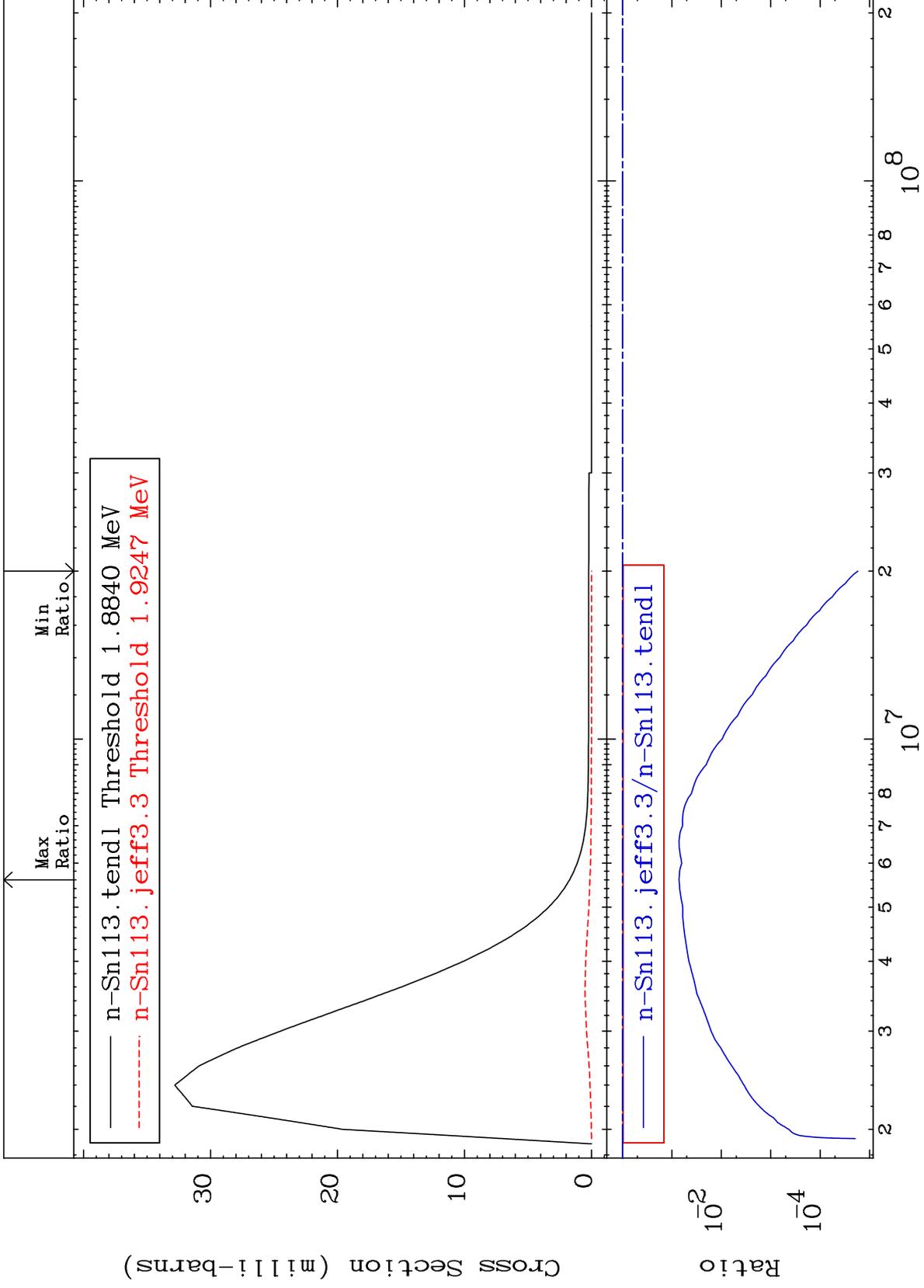
Incident Energy (eV)

50-Sn-113

MAT 5028

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

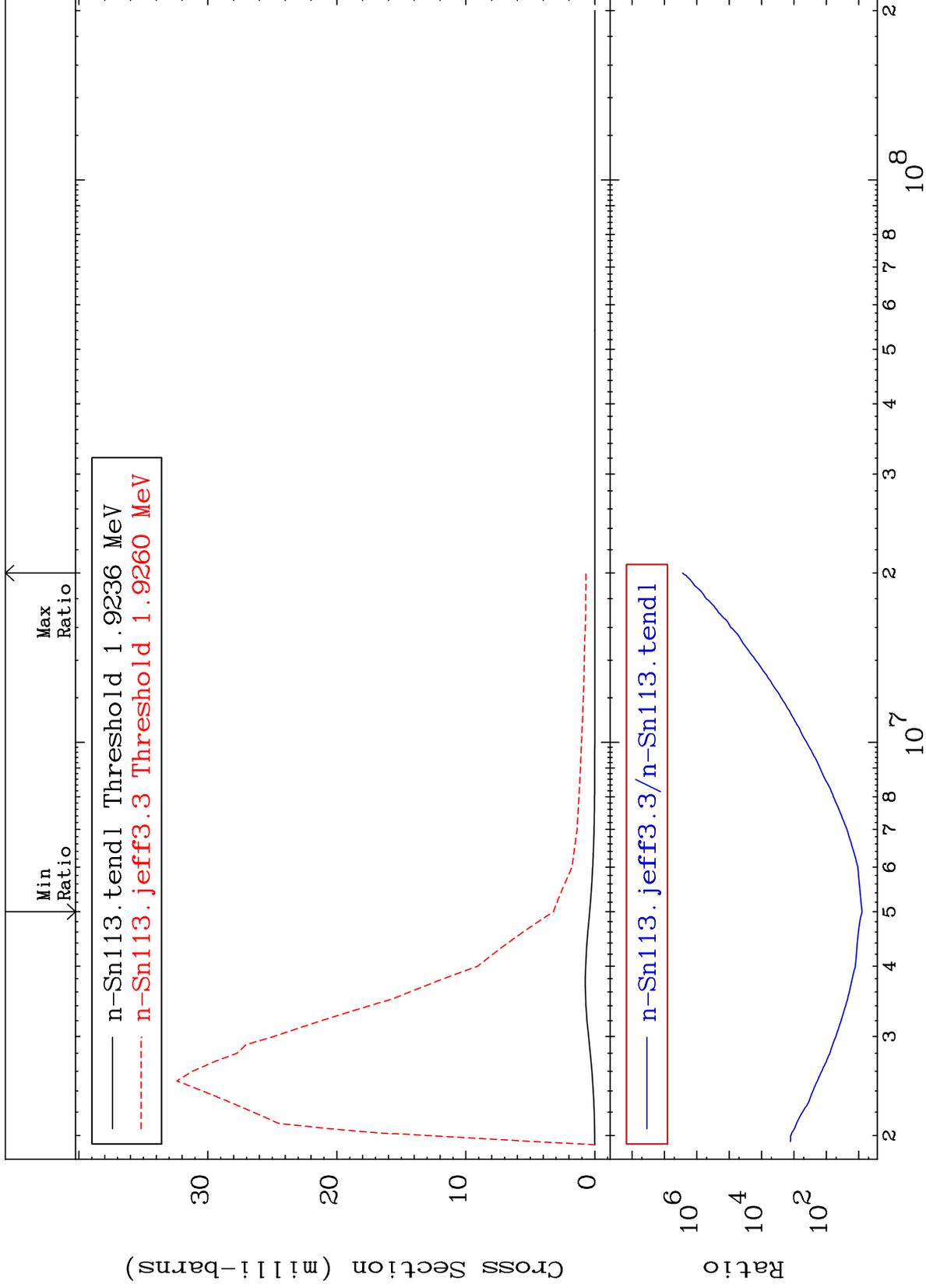
50-Sn-113  
-100.0 To -92.82%



MAT 5028

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

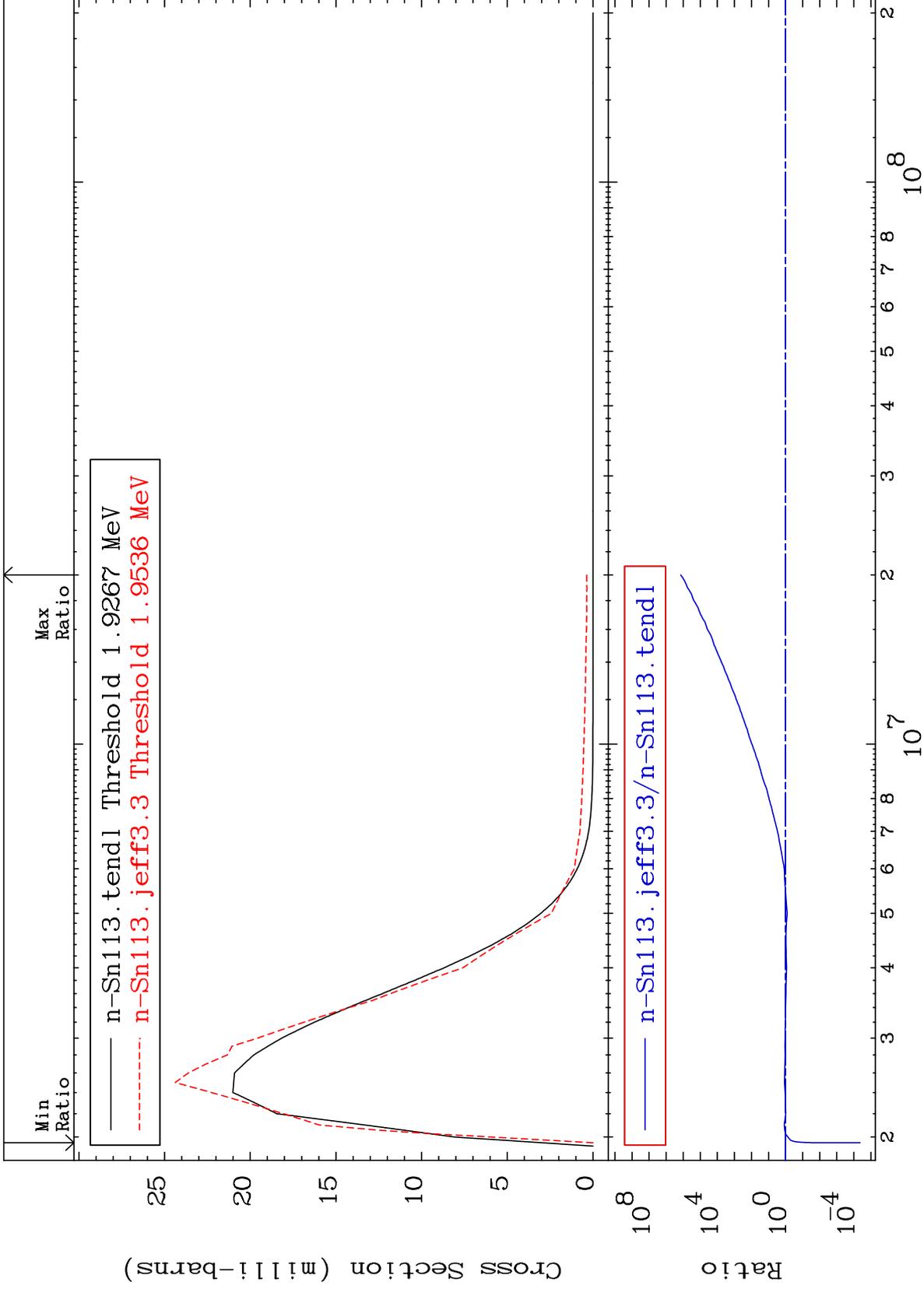
50-Sn-113  
693.9 To 9999. %



MAT 5028

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

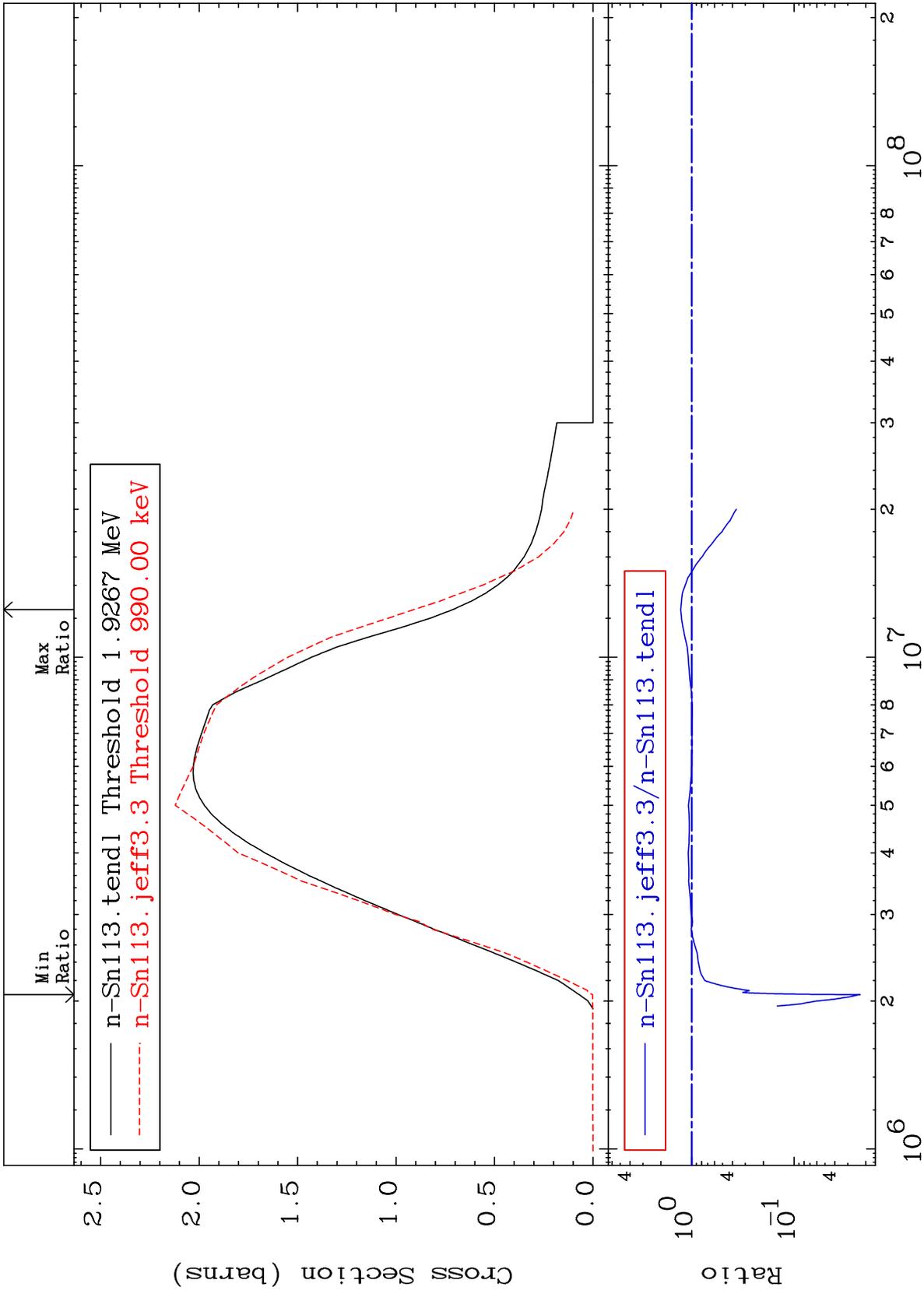
50-Sn-113  
-100.0 To 9999. %



MAT 5028

(n, n') Continuum  
Cross Section

50-Sn-113  
-97.73 To 27.91 %



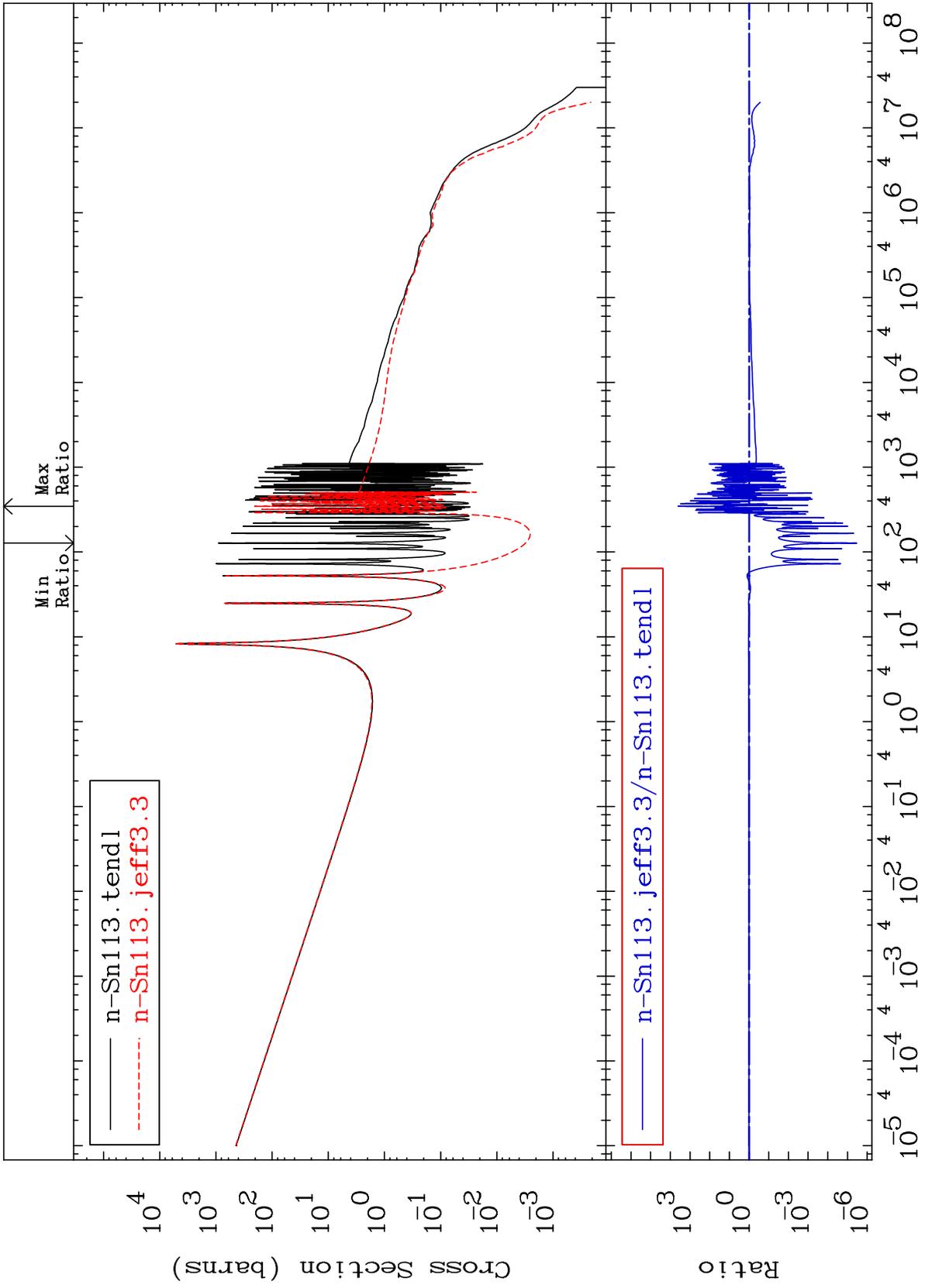
39

Incident Energy (eV)

50-Sn-113

MAT 5028

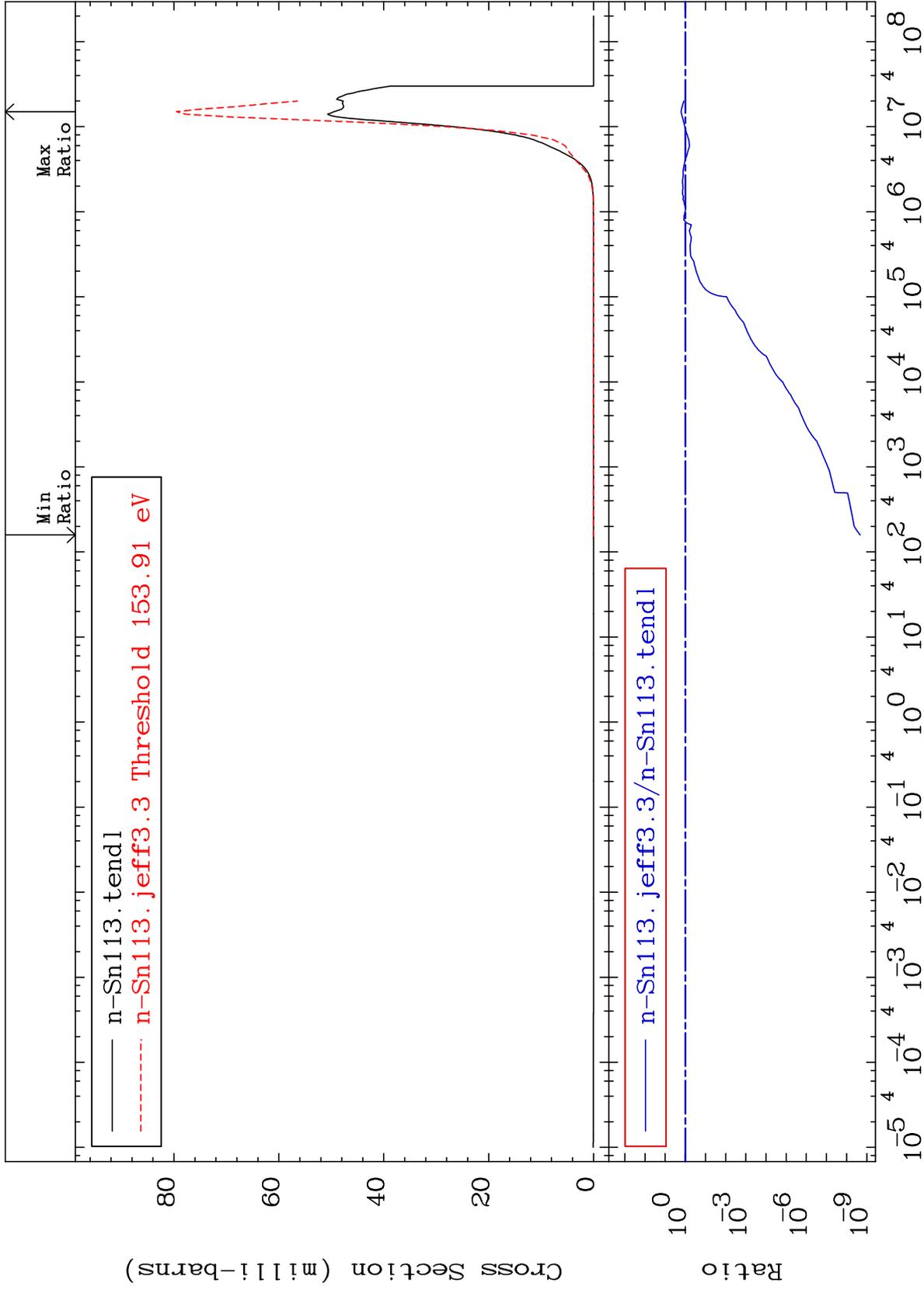
(n,  $\gamma$ )  
Cross Section  
50-Sn-113  
-100.0 To 9999. %



MAT 5028

(n,p)  
Cross Section

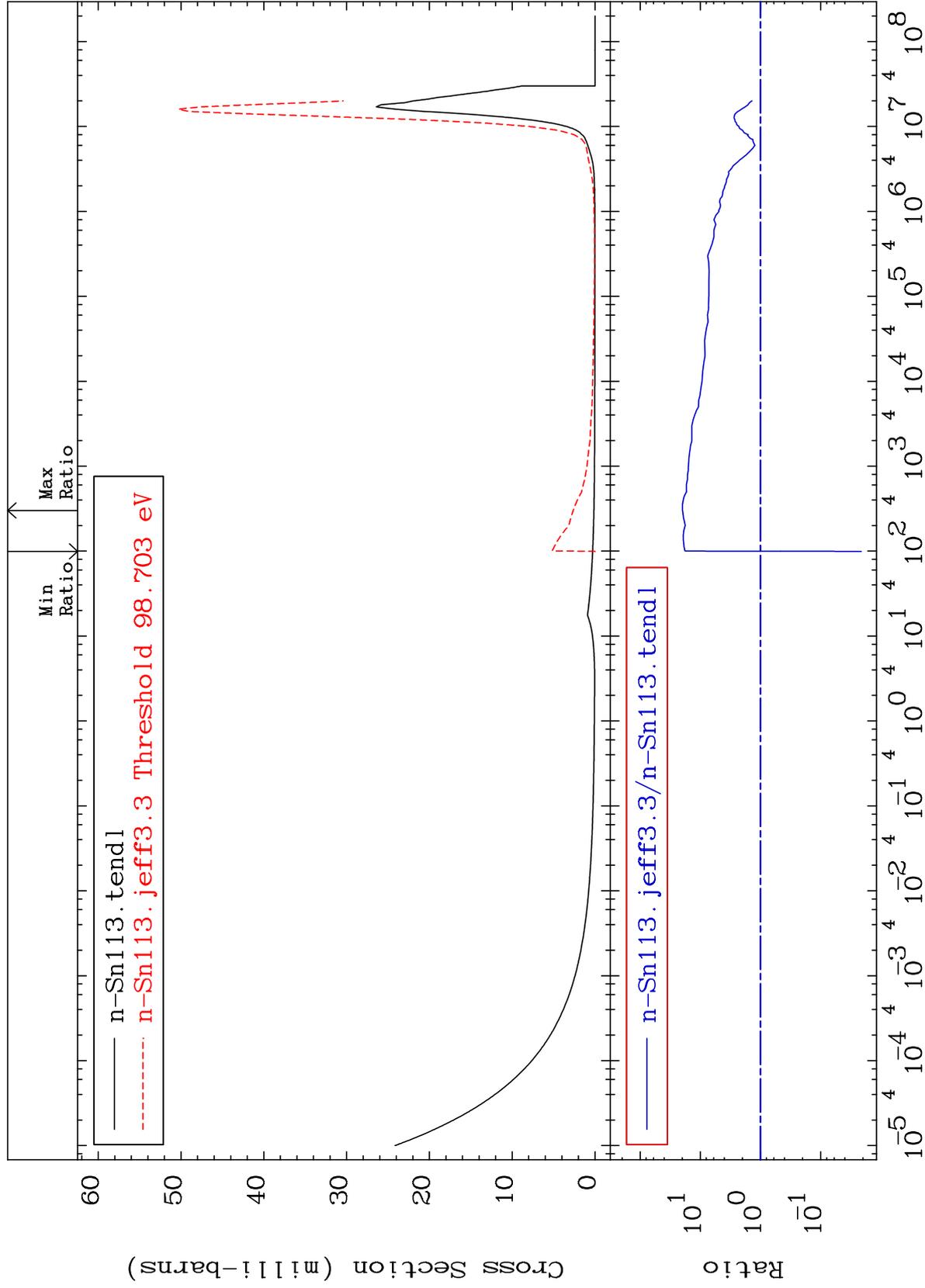
50-Sn-113  
-100.0 To 60.67 %

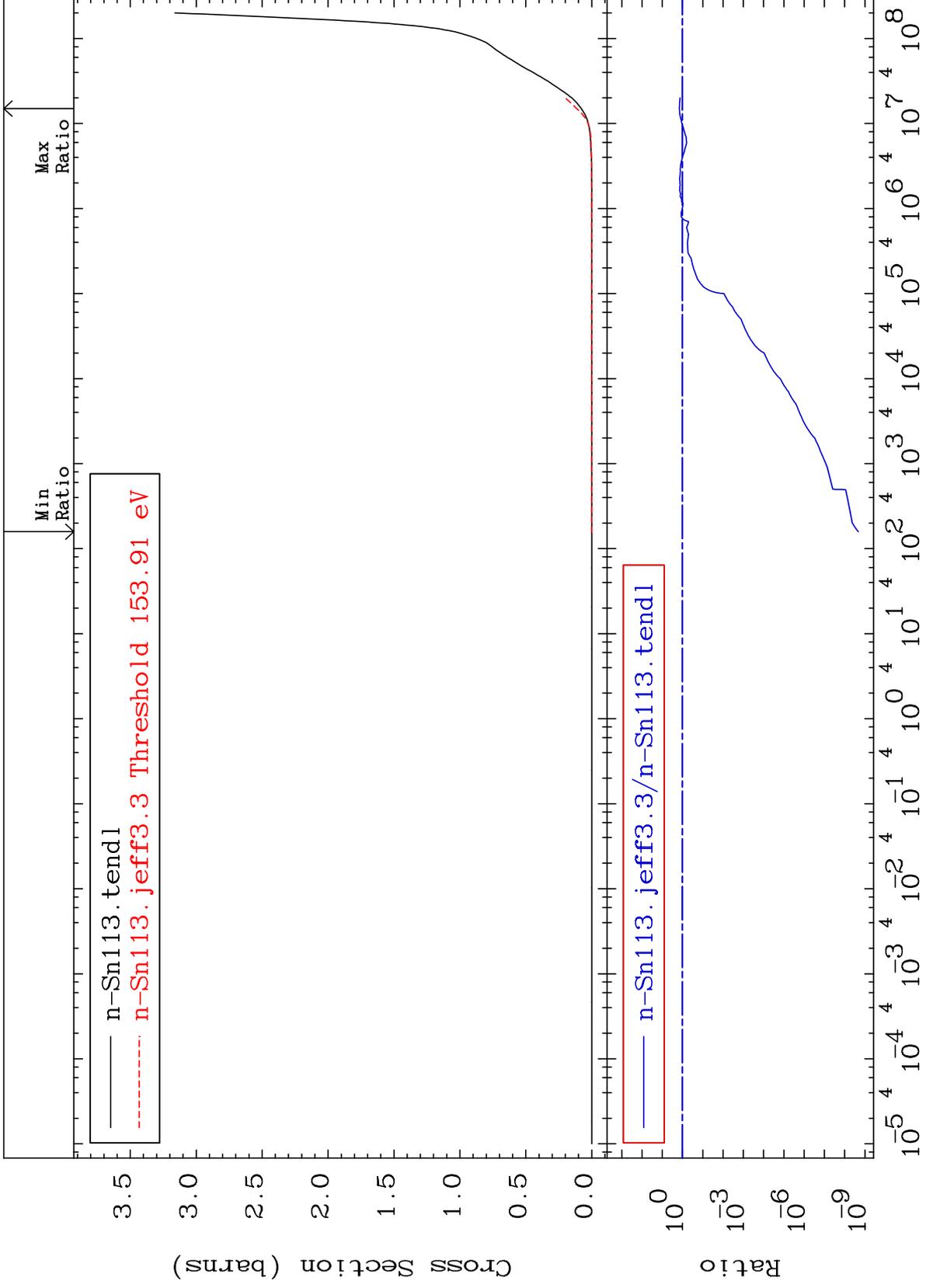


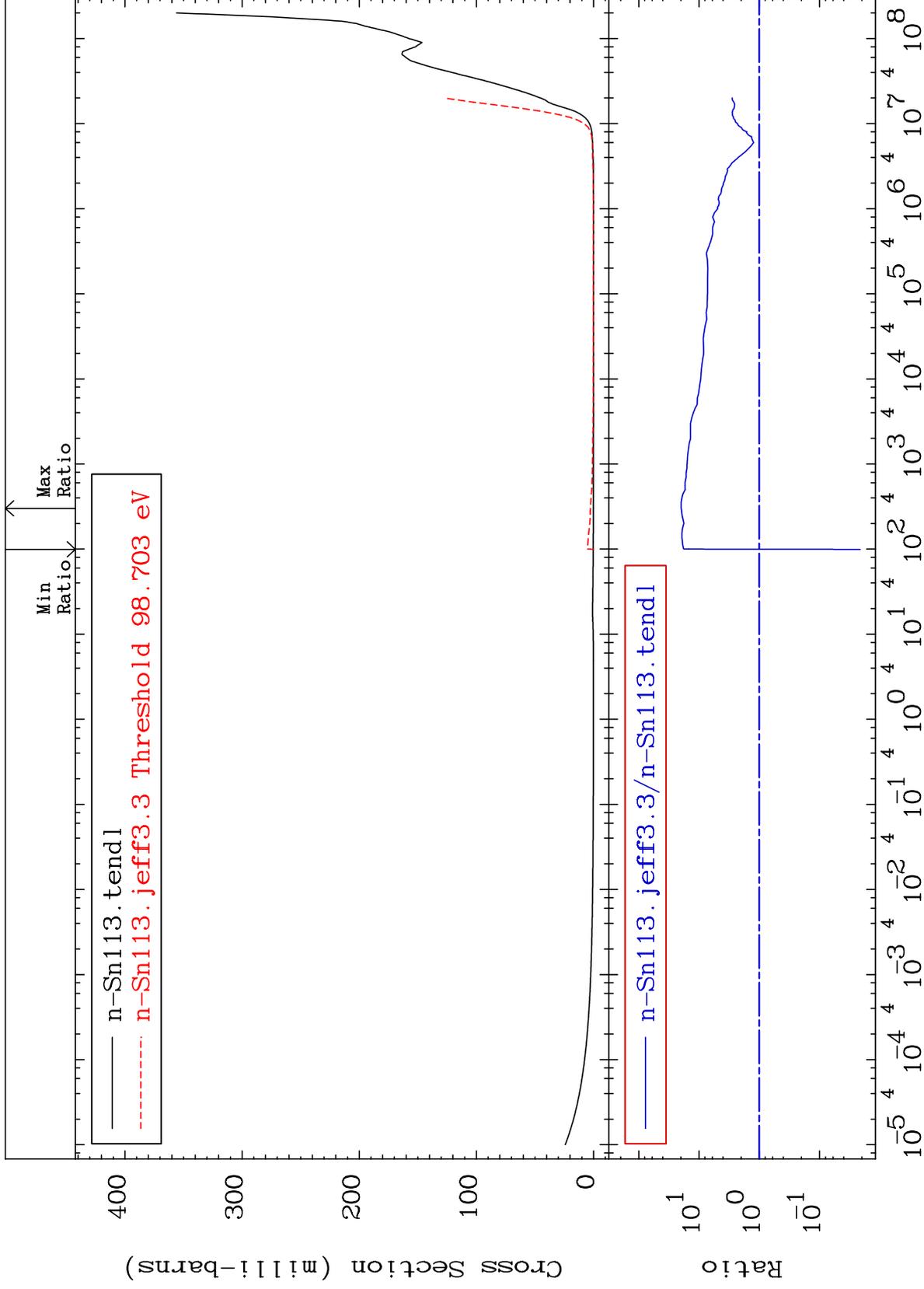
MAT 5028

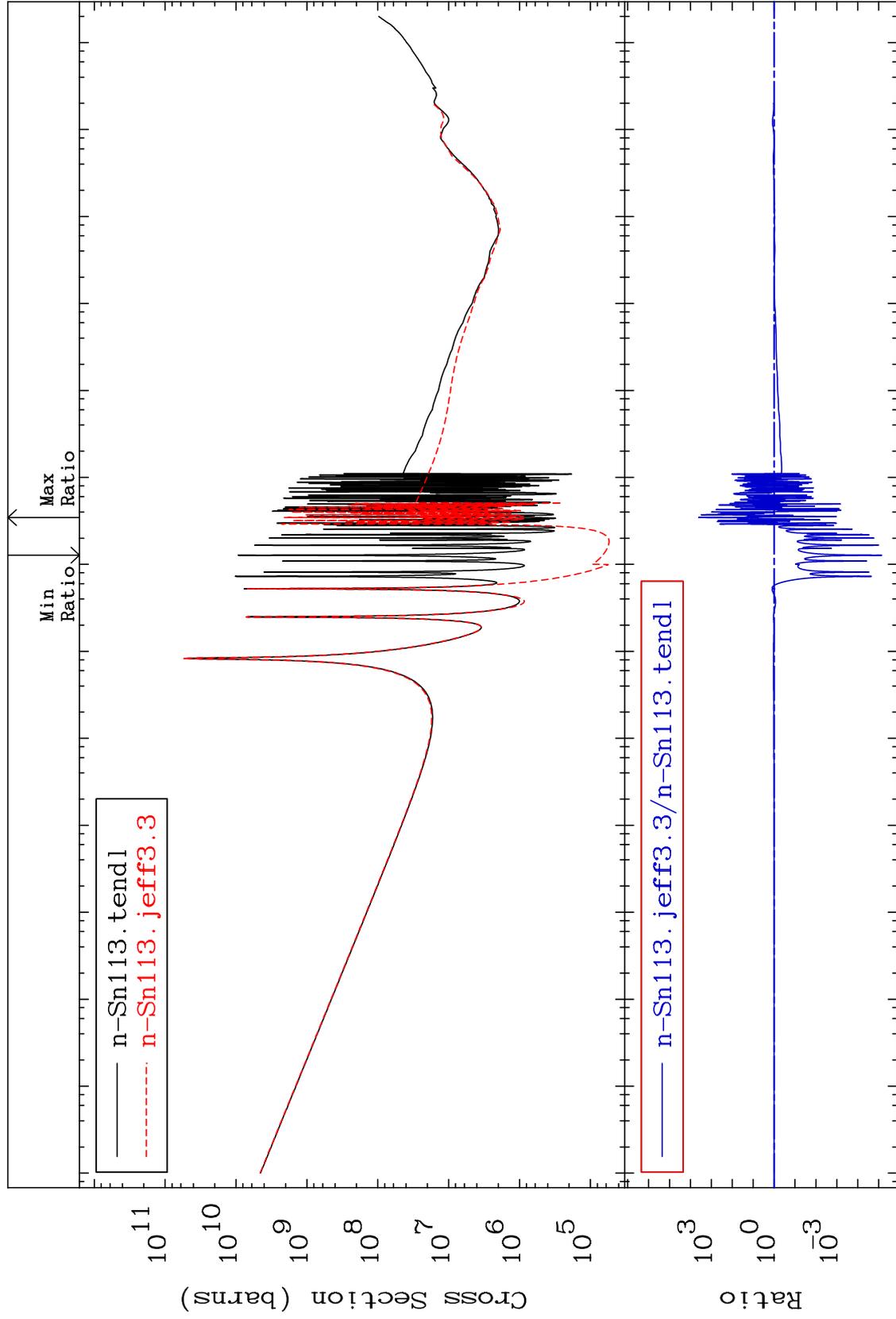
50-Sn-113

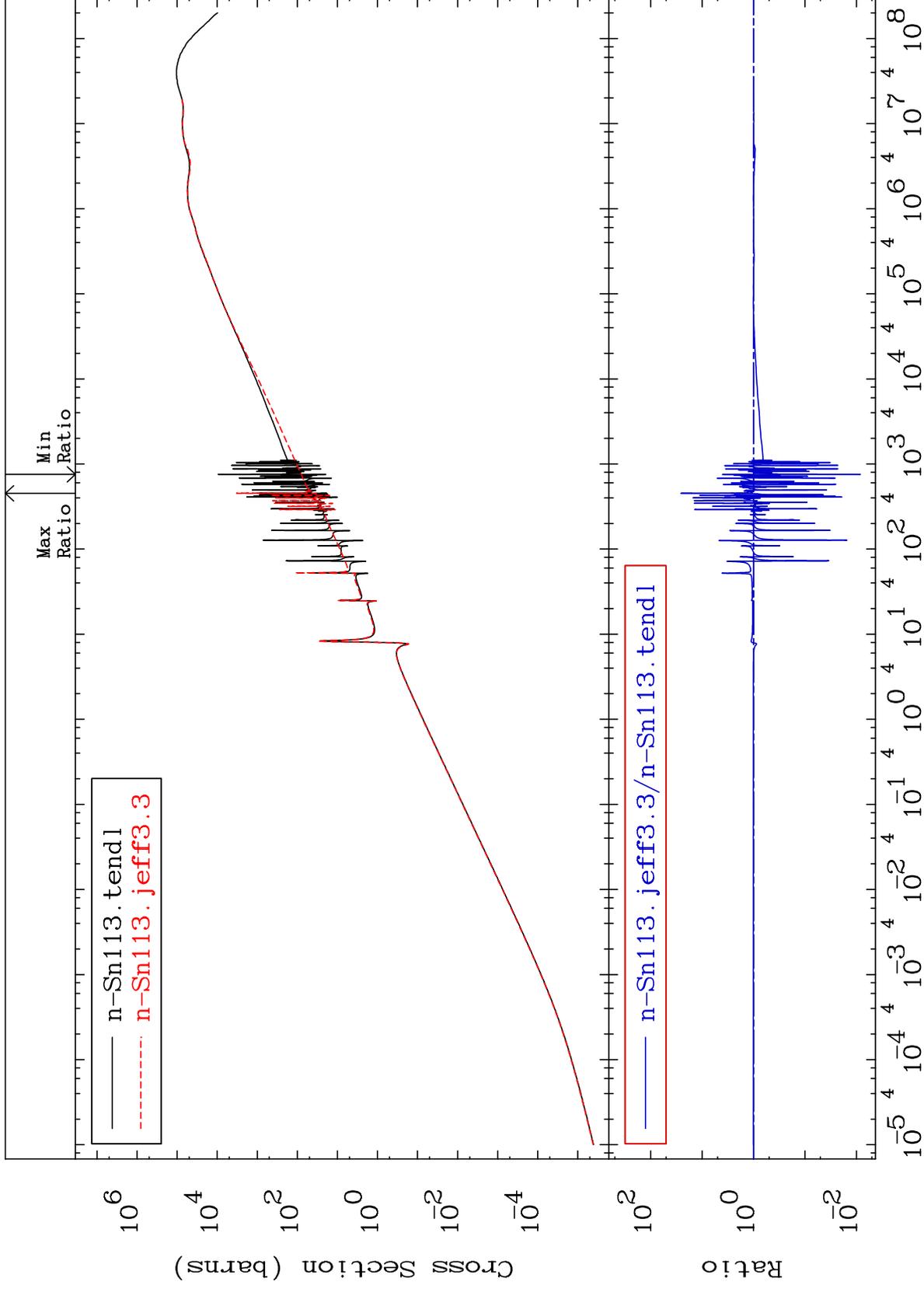
(n,  $\alpha$ )  
Cross Section  
-97.87 To 1880. %

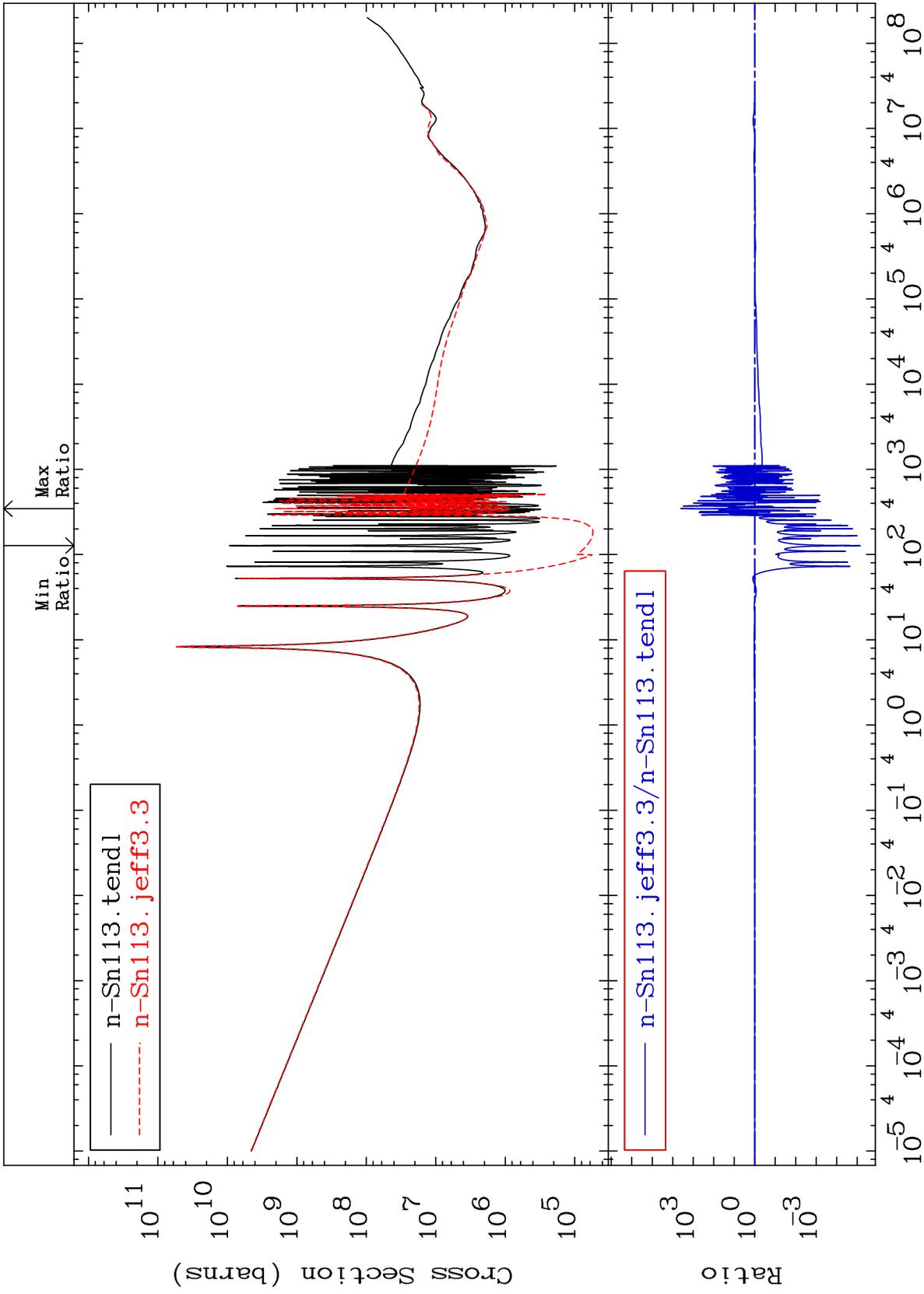


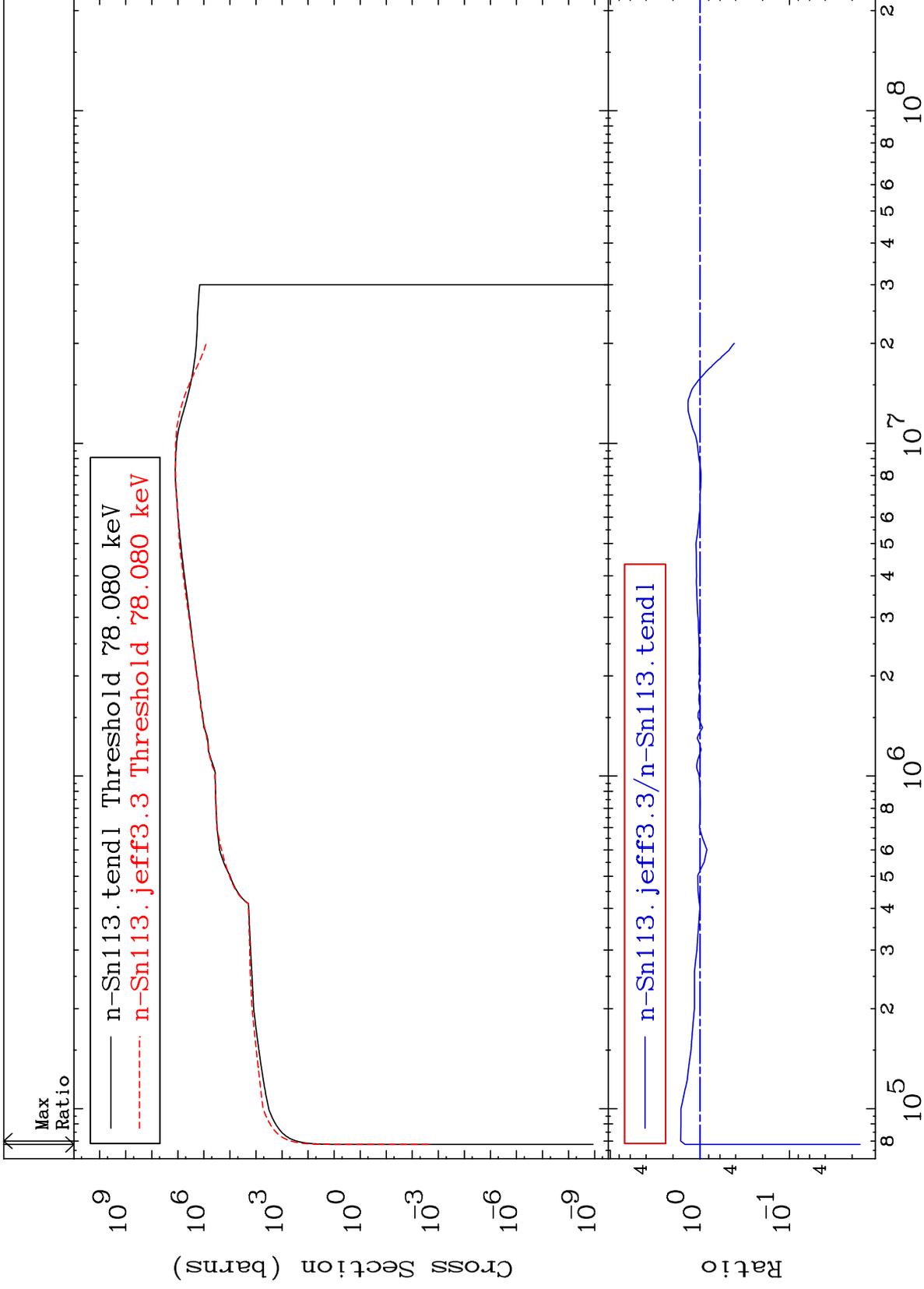


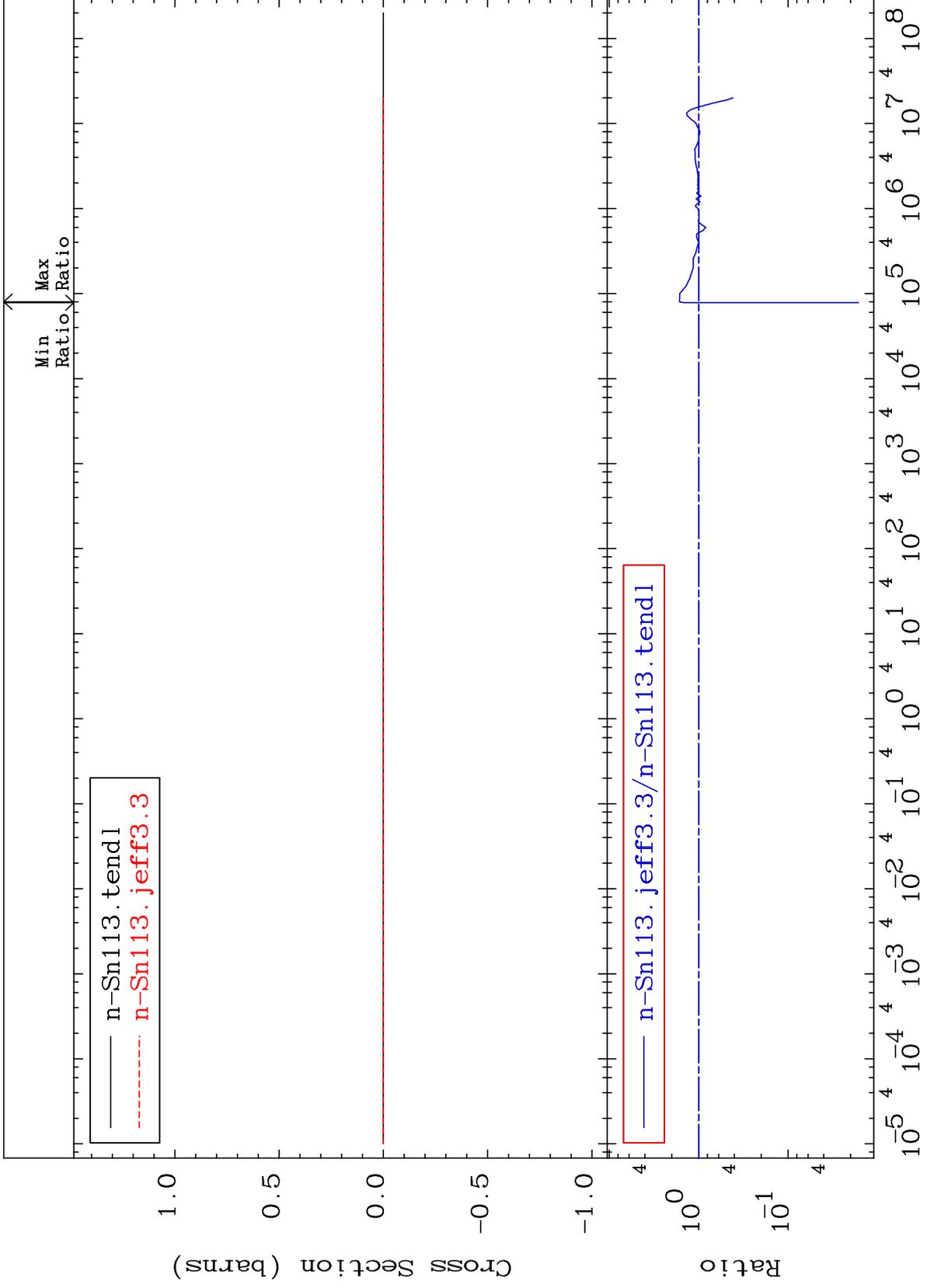


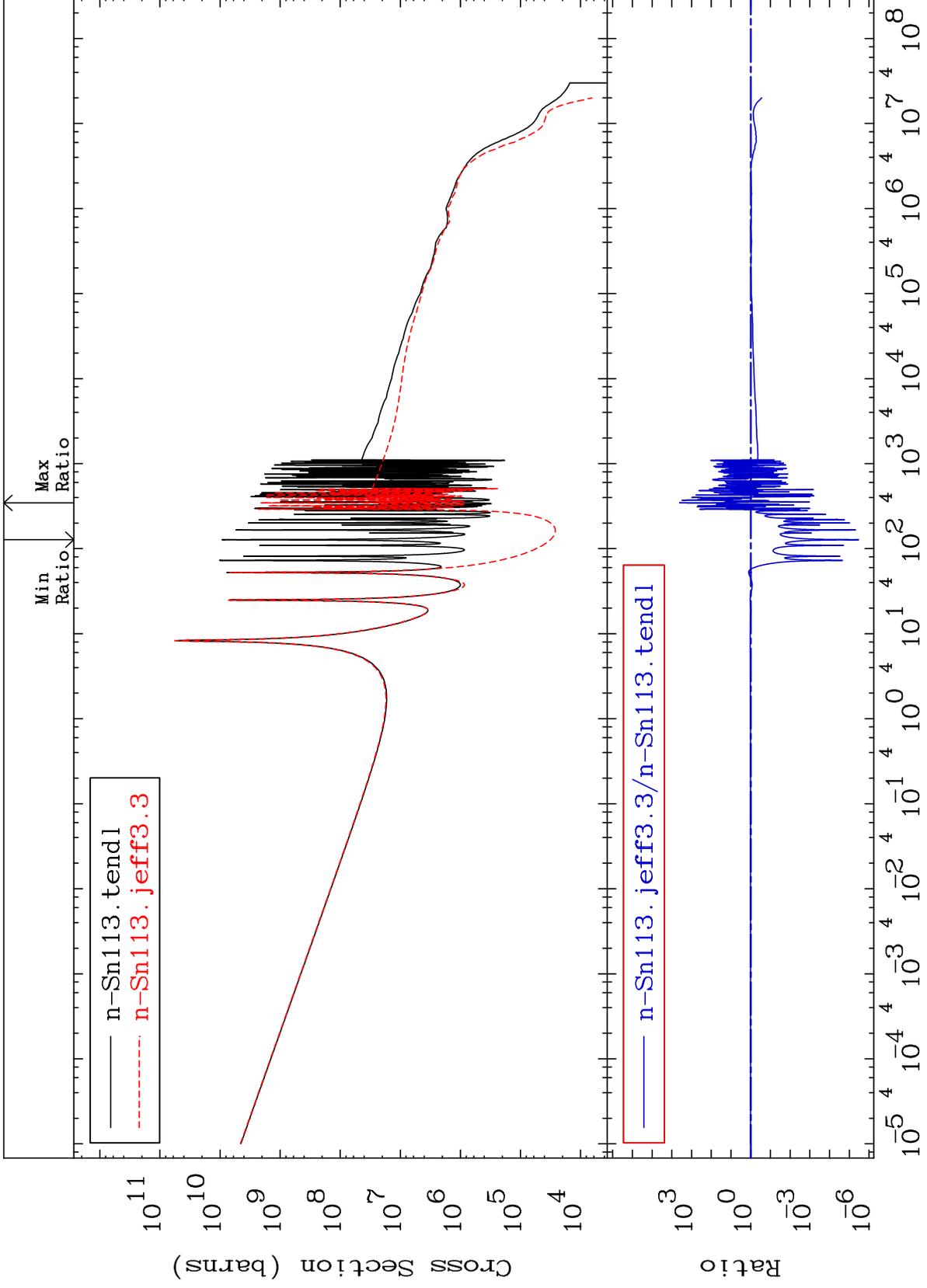


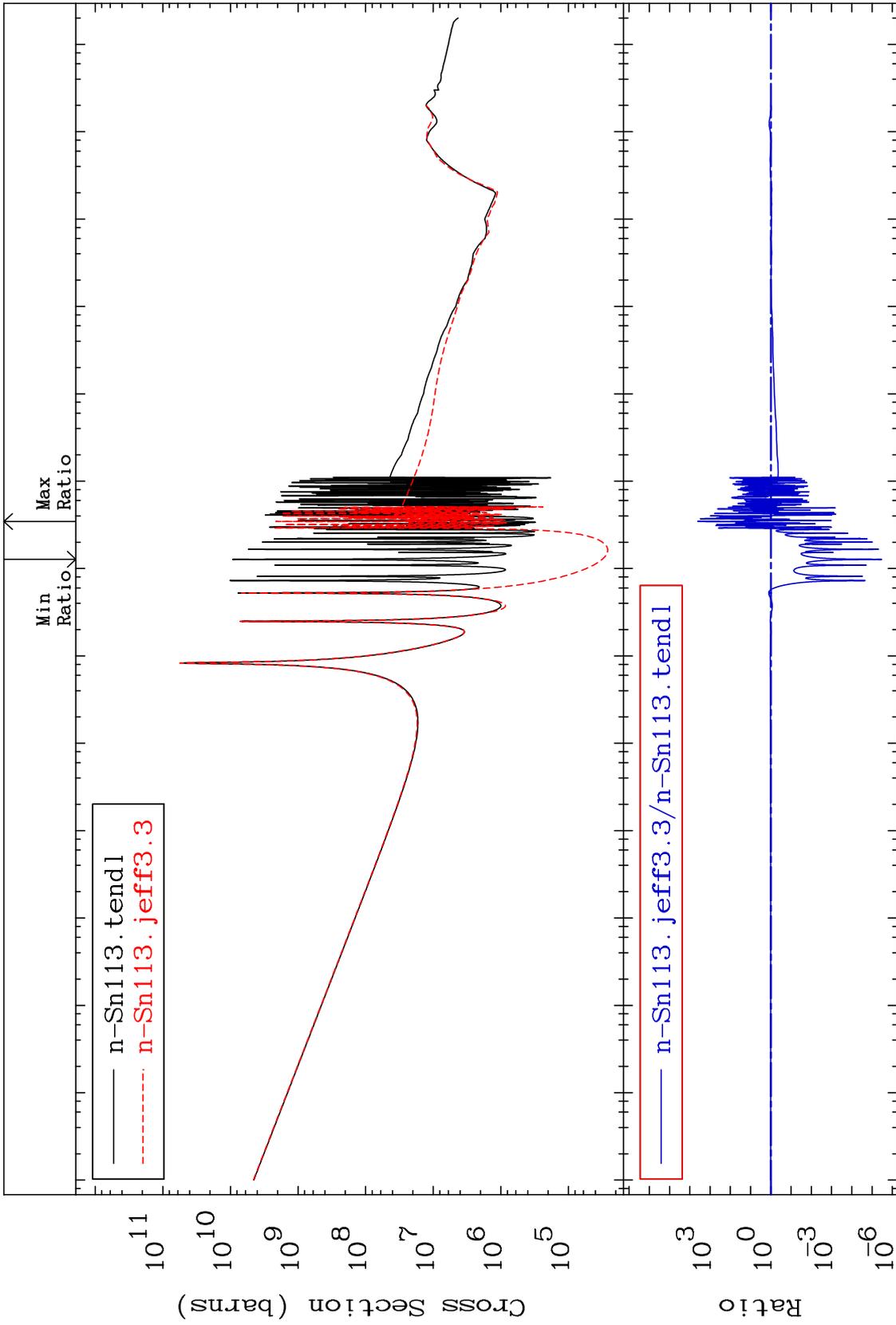












MAT 5028

Total kinematic kerma (high limit)  
Cross Section

50-Sn-113  
-100.0 To 9999. %

