

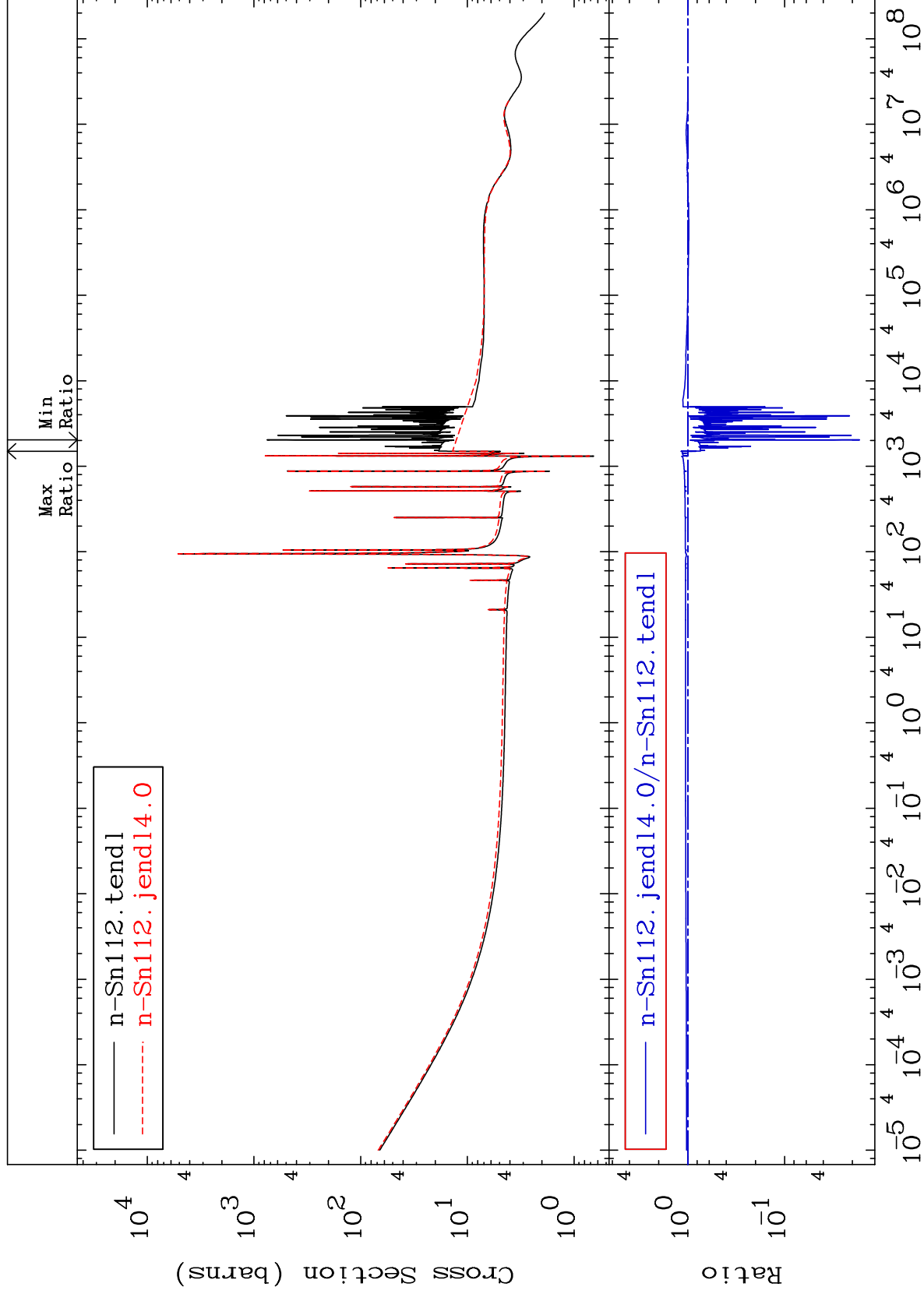
MAT 5025

Total

50-Sn-112

Cross Section

-98.32 To 16.97 %



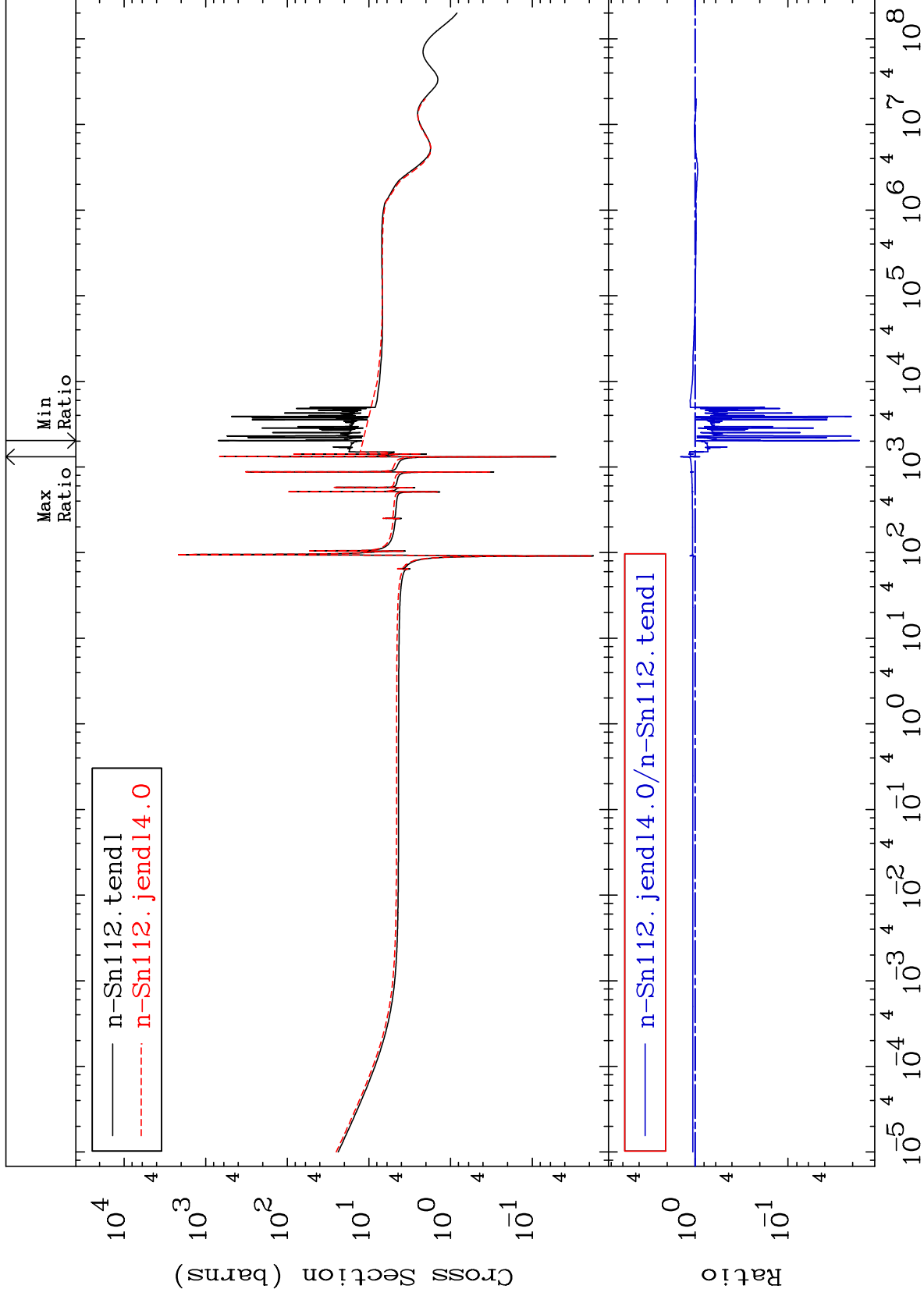
Incident Energy (eV)

50-Sn-112

MAT 5025

Elastic  
Cross Section

50-Sn-112  
-98.31 To 42.49 %



2

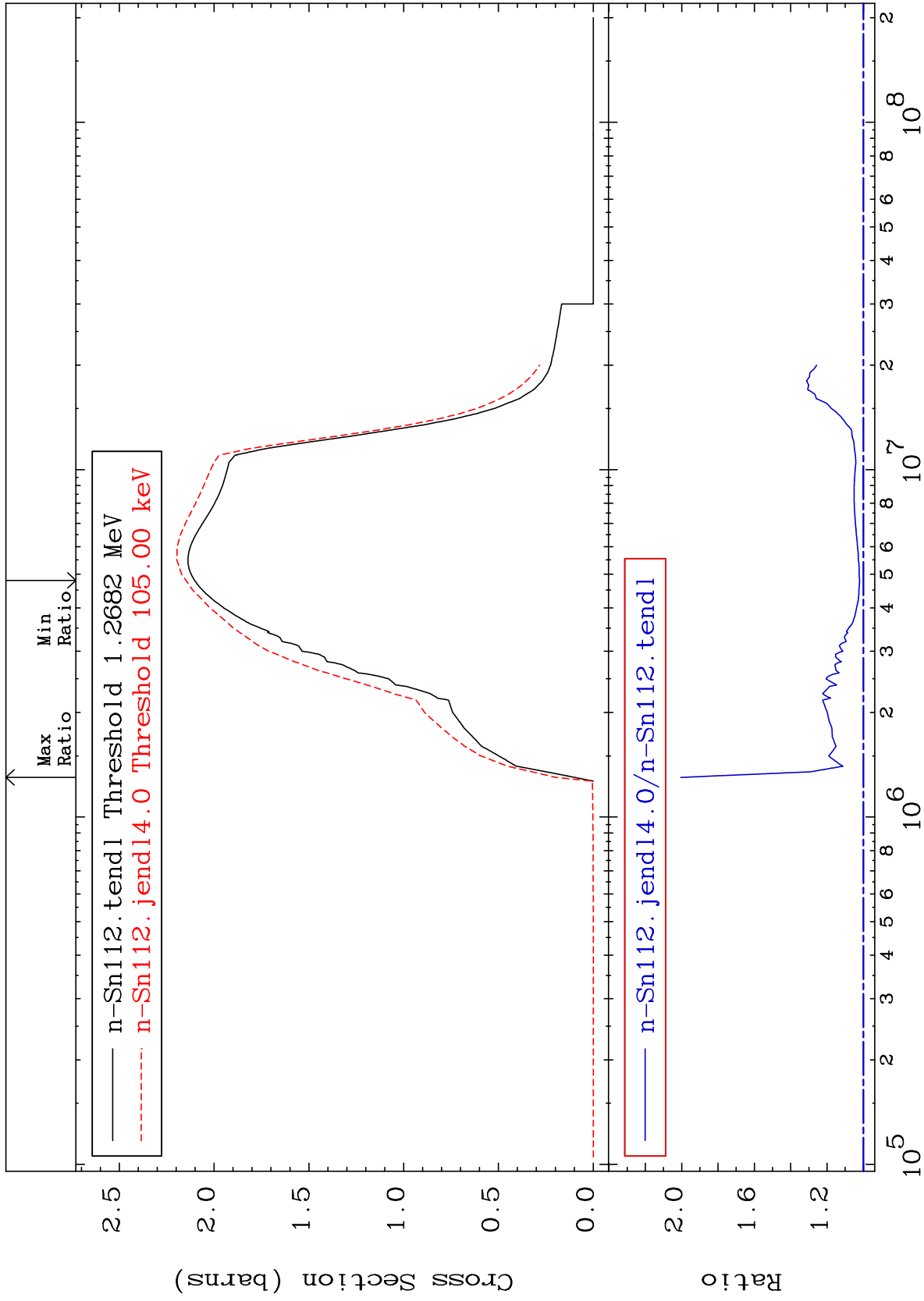
Incident Energy (eV)

50-Sn-112

MAT 5025

Inelastic  
Cross Section

50-Sn-112  
2.122 To 100.5 %



Incident Energy (eV)

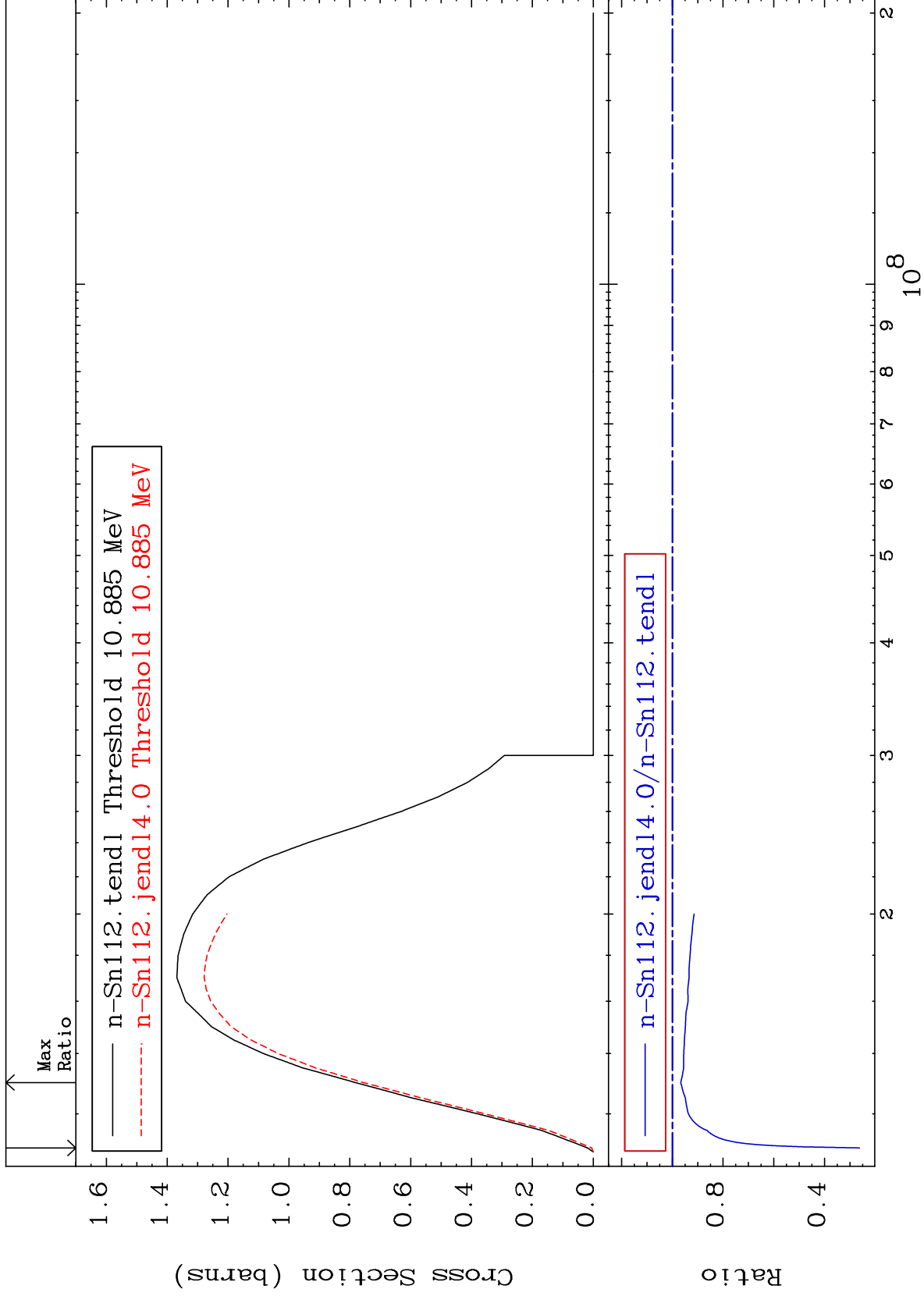
50-Sn-112

3

MAT 5025

(n,2n)  
Cross Section

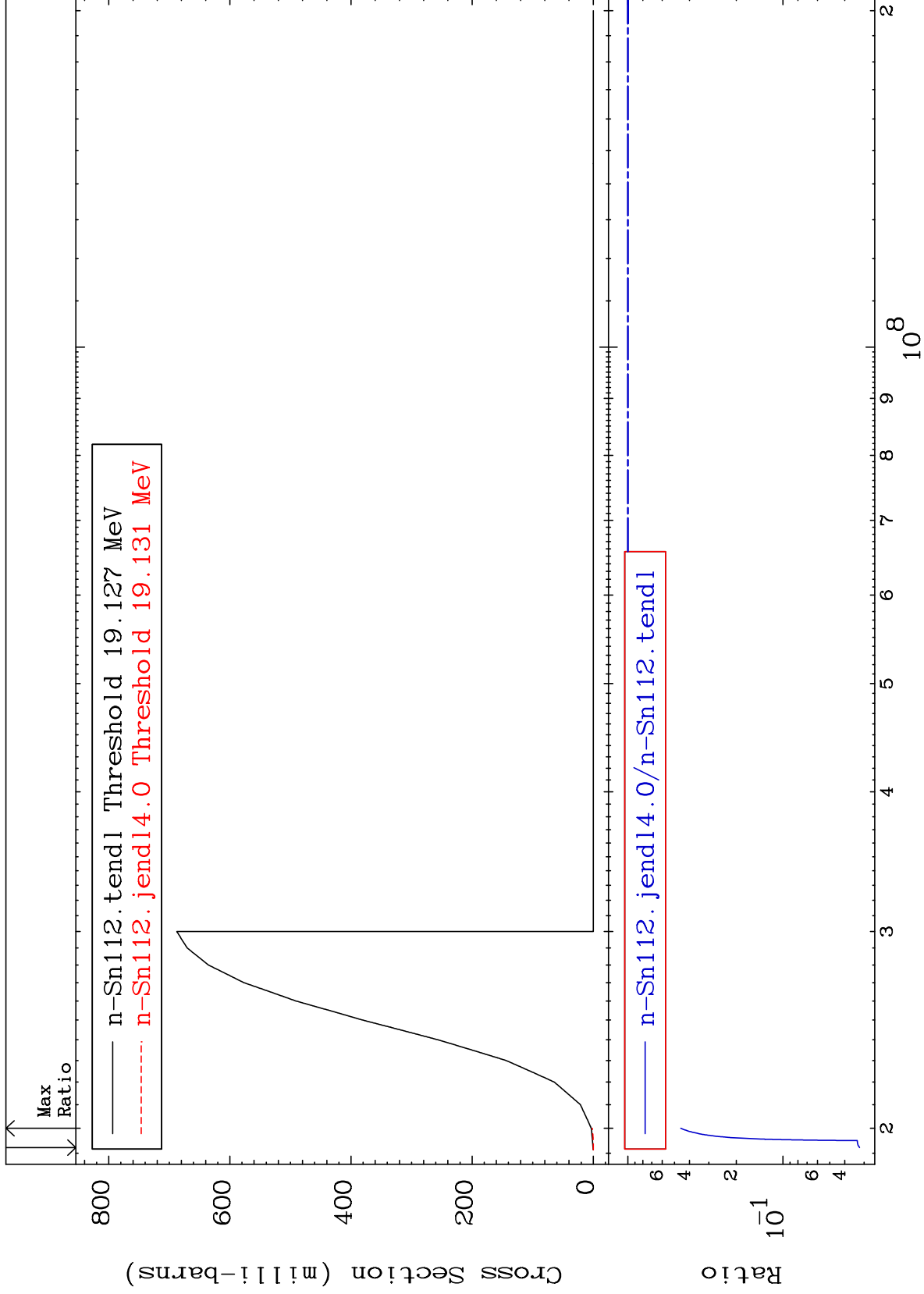
50-Sn-112  
-73.81 To -3.321%



MAT 5025

(n,3n)  
Cross Section

50-Sn-112  
-96.79 To -54.44%



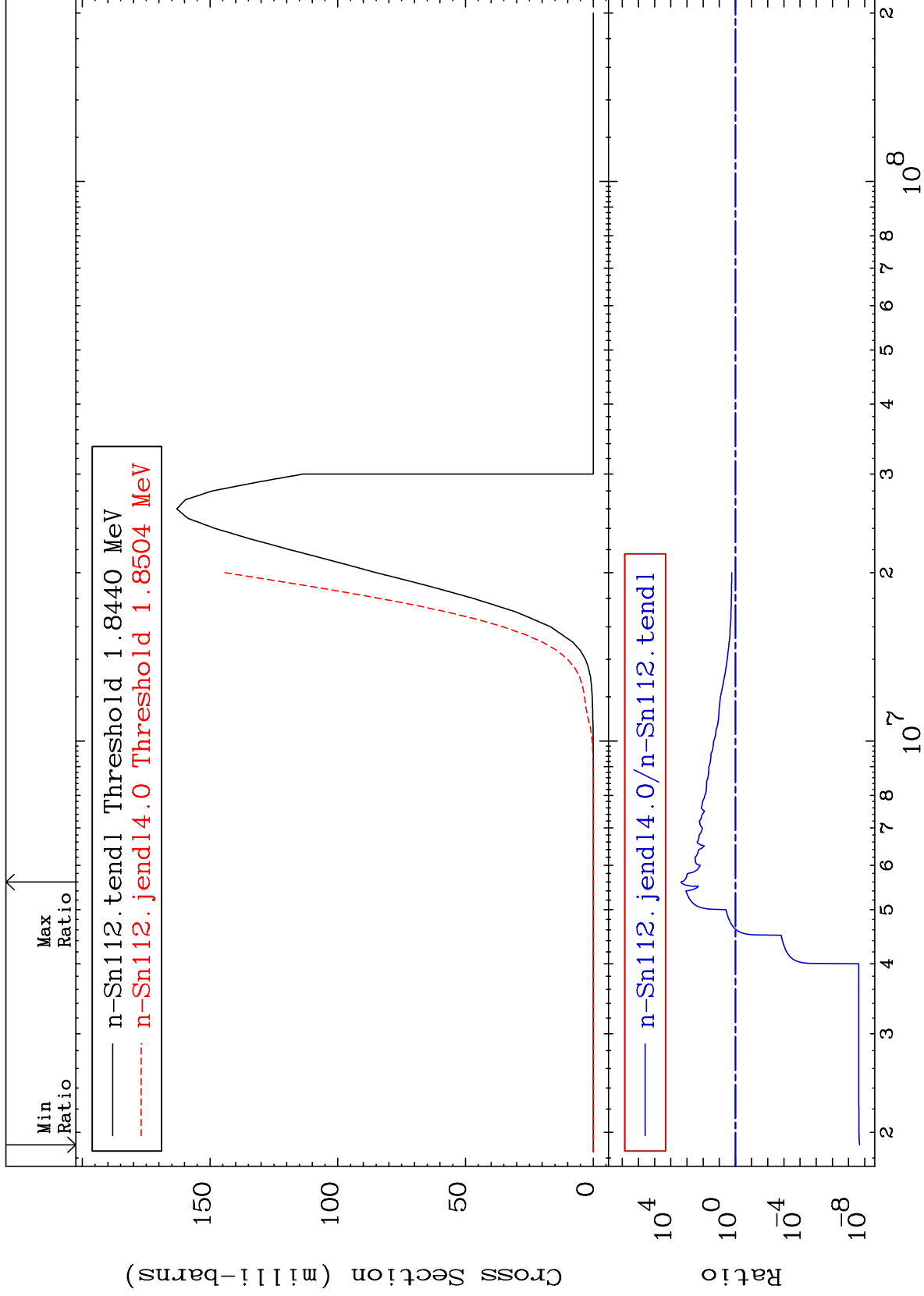
5

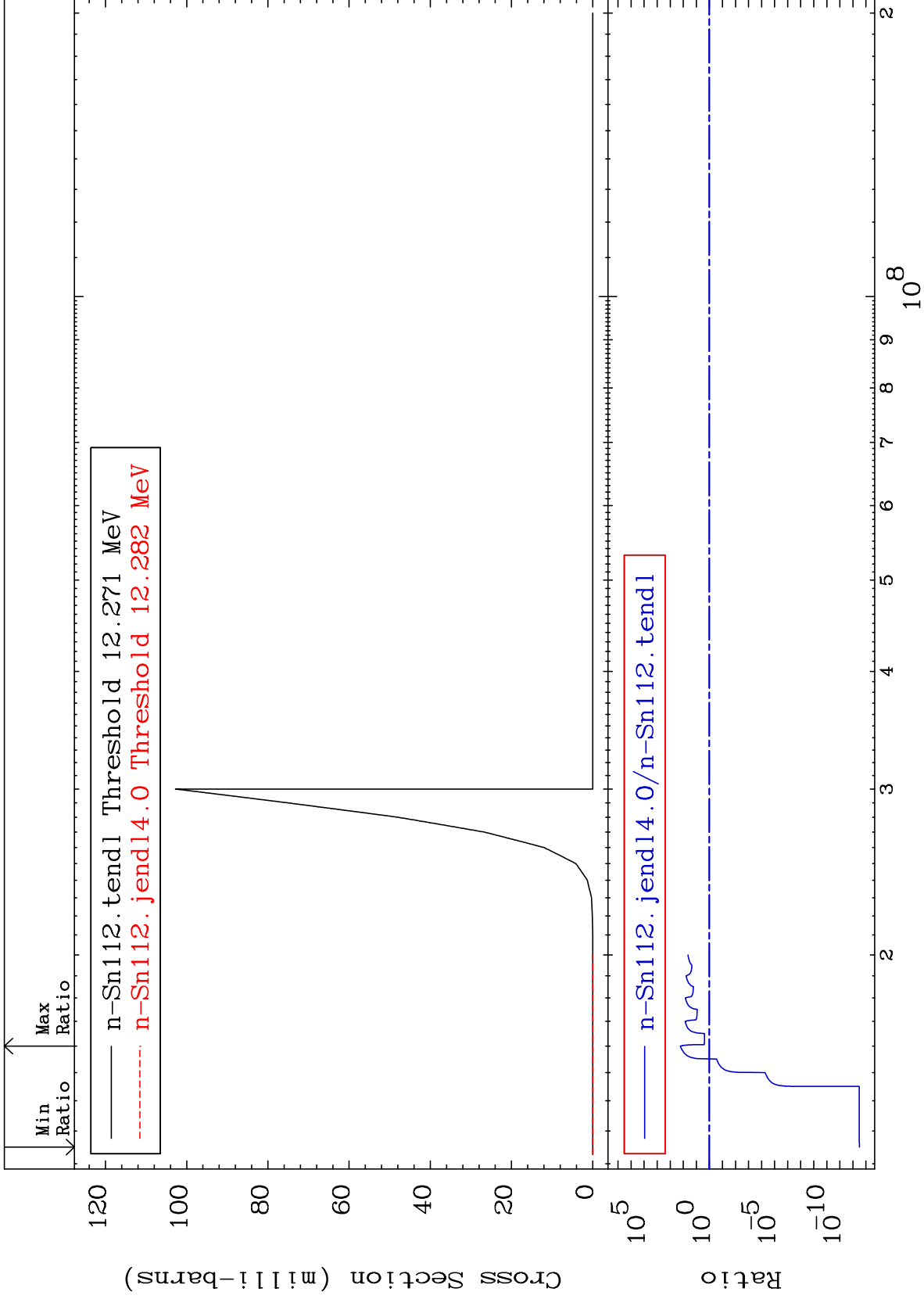
50-Sn-112

50-Sn-112

MAT 5025

(n, n')  $\alpha$   
Cross Section  
50-Sn-112  
-100.0 To 9999. %

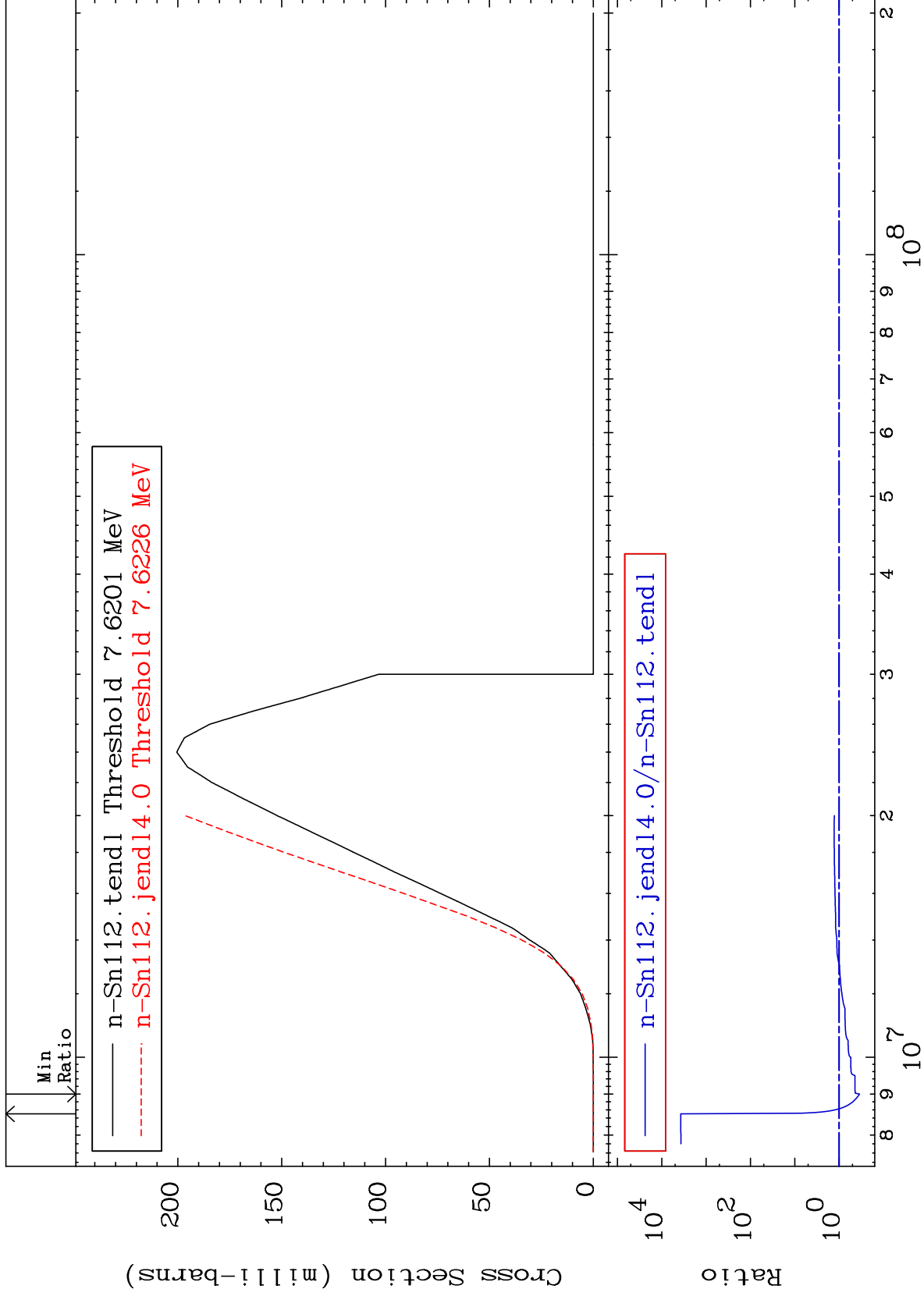




MAT 5025

(n,n') p  
Cross Section

50-Sn-112  
-65.24 To 9999. %



8

Incident Energy (eV)

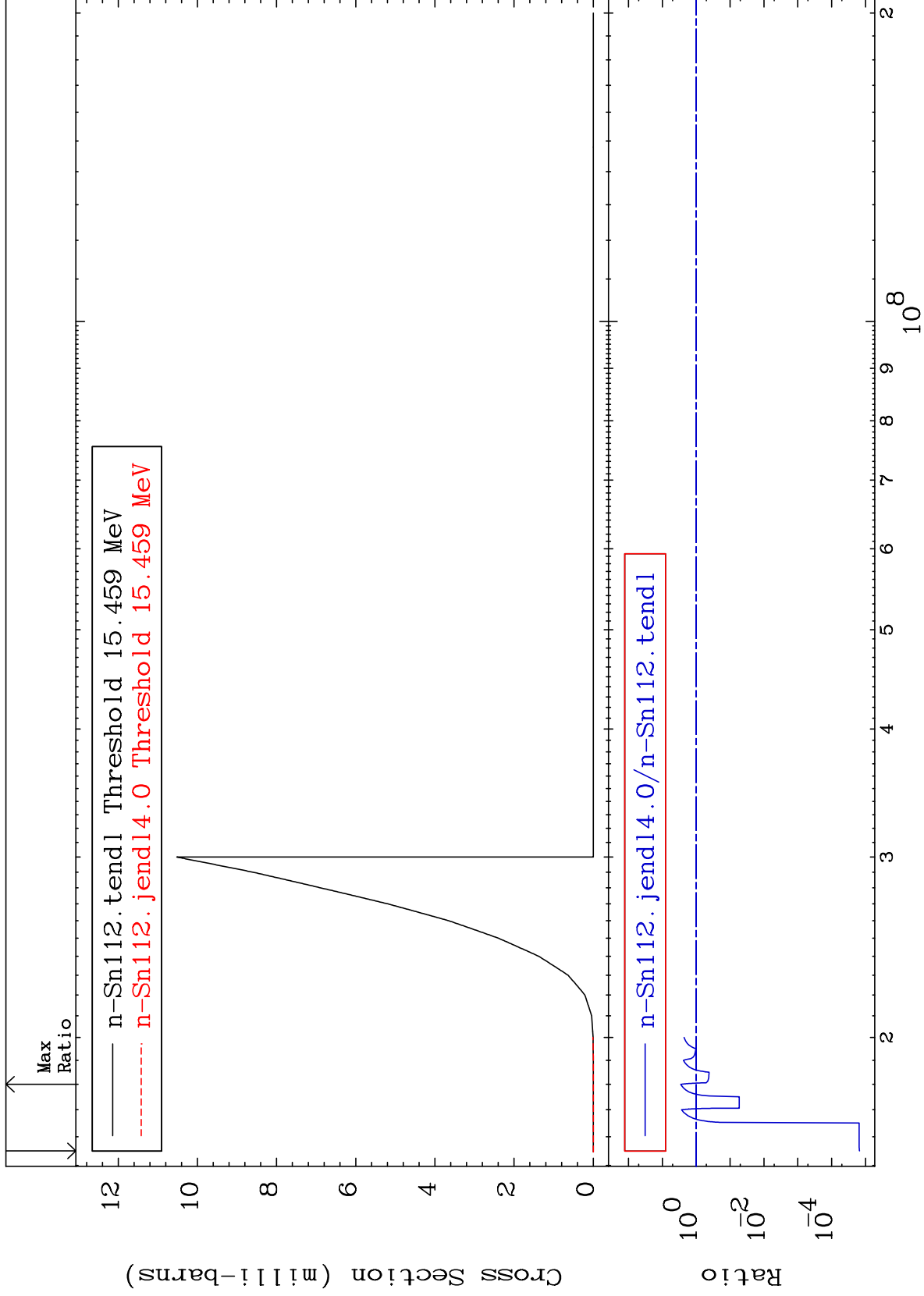
50-Sn-112



MAT 5025

(n,n') d  
Cross Section

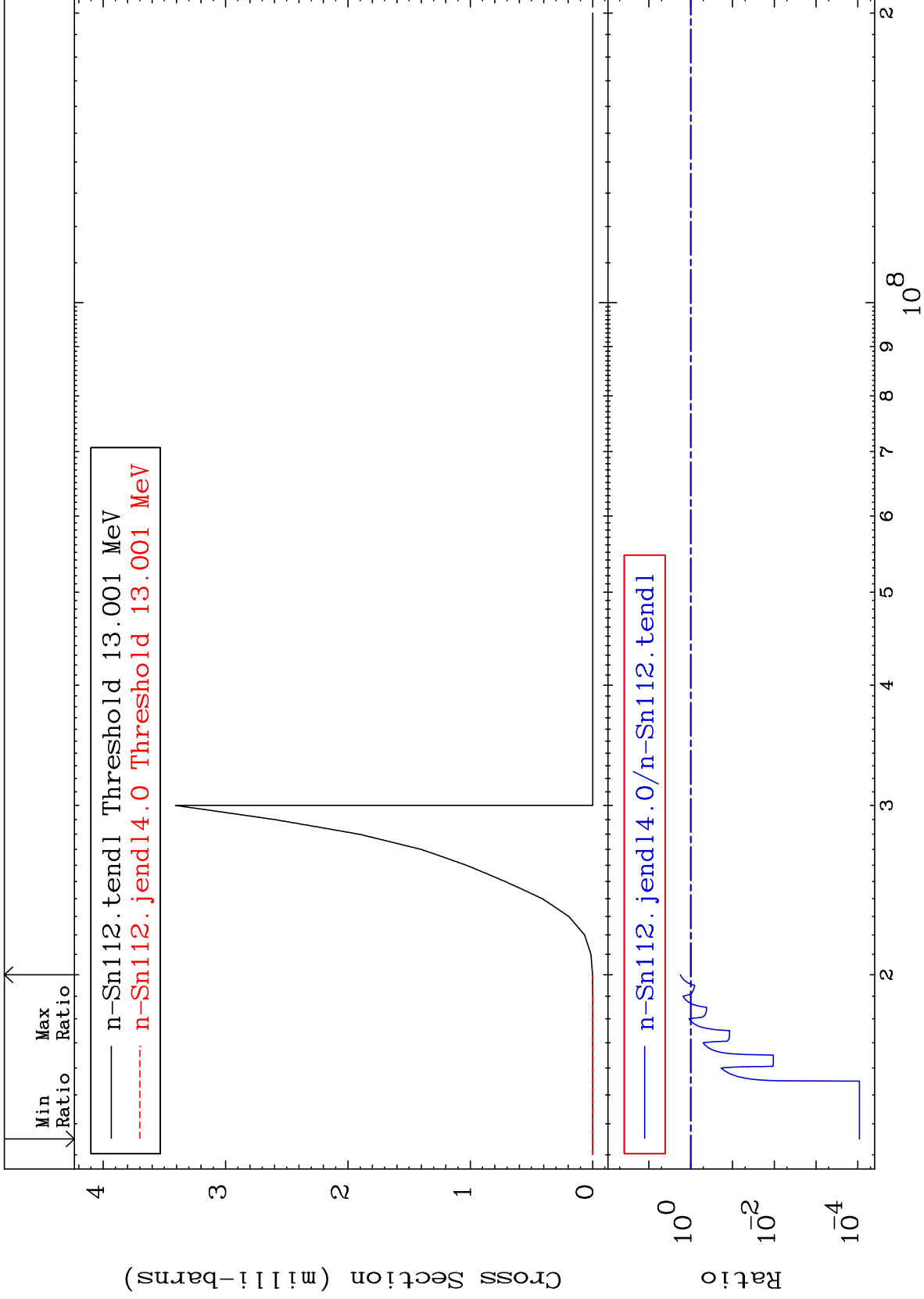
50-Sn-112  
-100.0 To 185.1 %



MAT 5025

(n,2n) p  
Cross Section

50-Sn-112  
-99.99 To 76.85 %



10

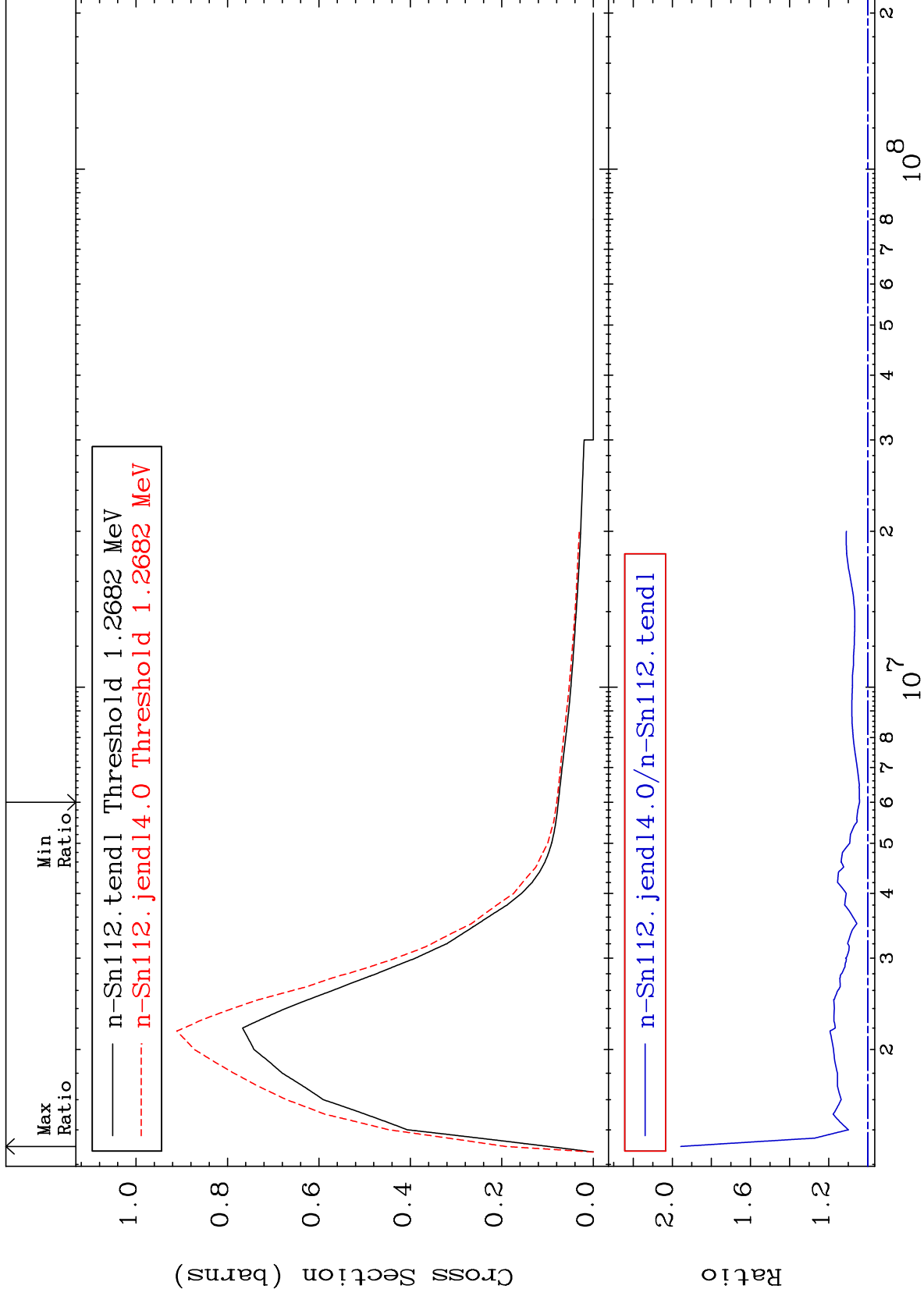
Incident Energy (eV)

50-Sn-112

MAT 5025

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

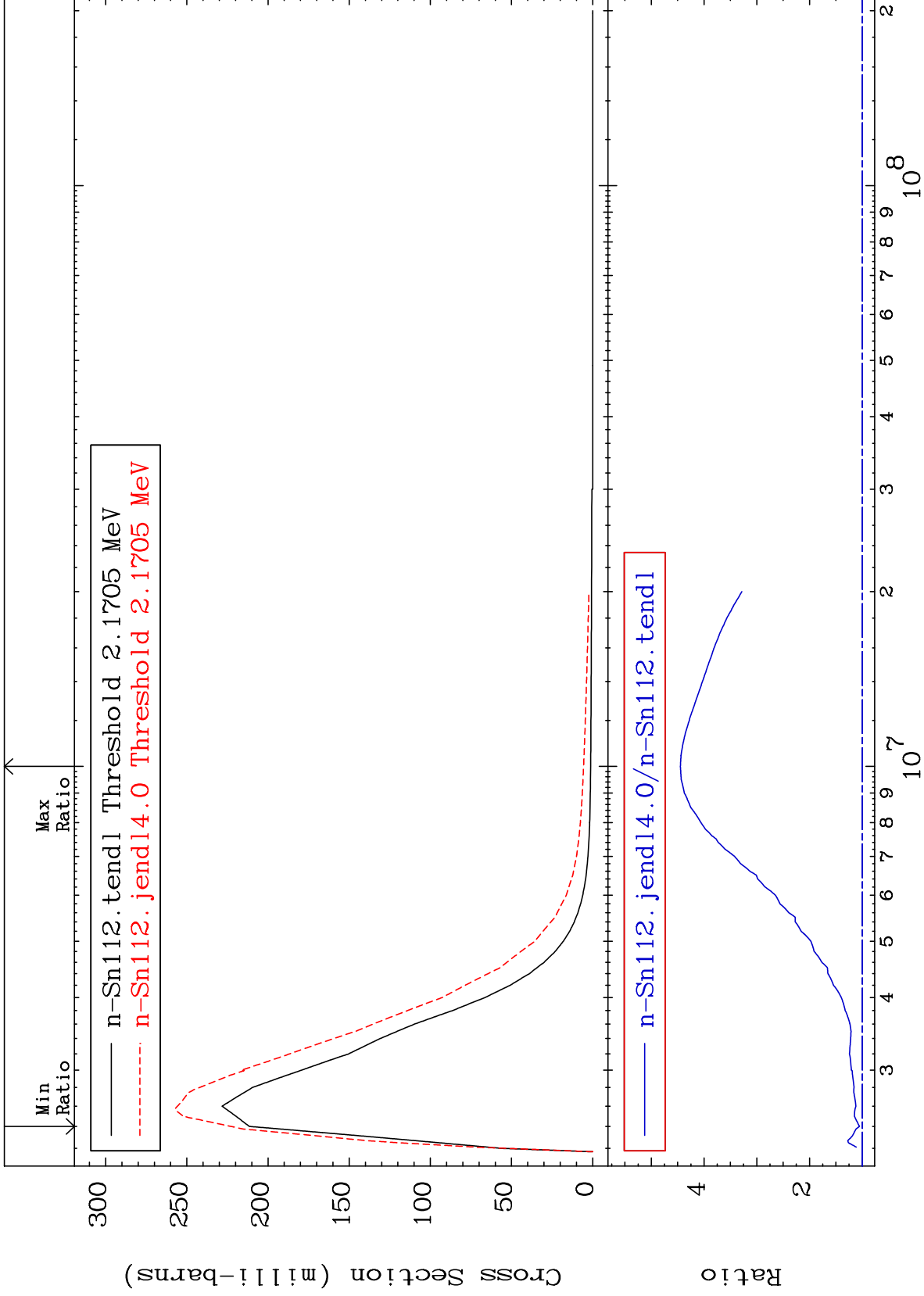
50-Sn-112  
4.276 To 95.67 %



MAT 5025

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

50-Sn-112  
5.343 To 344.9 %



12

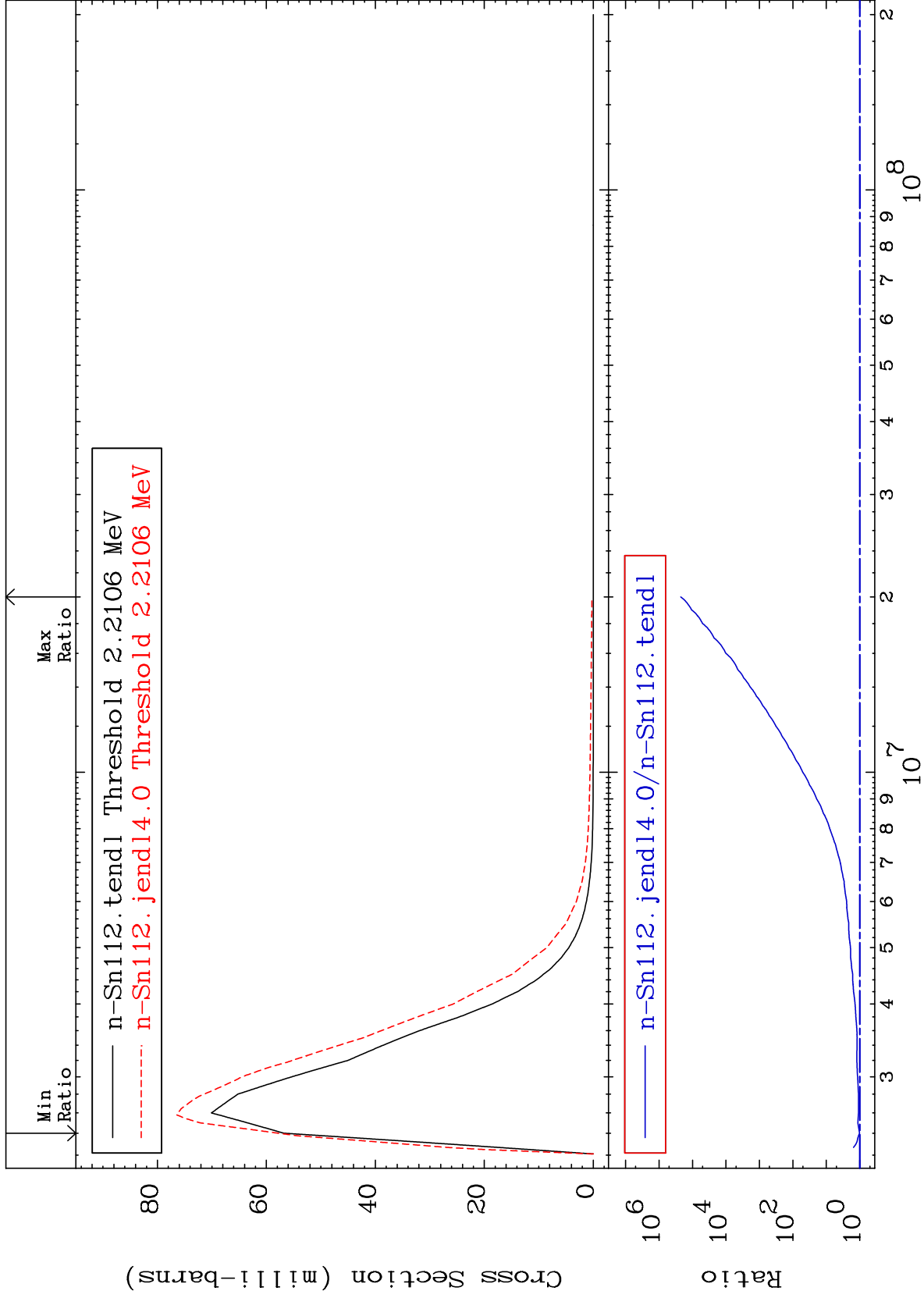
Incident Energy (eV)

50-Sn-112

MAT 5025

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

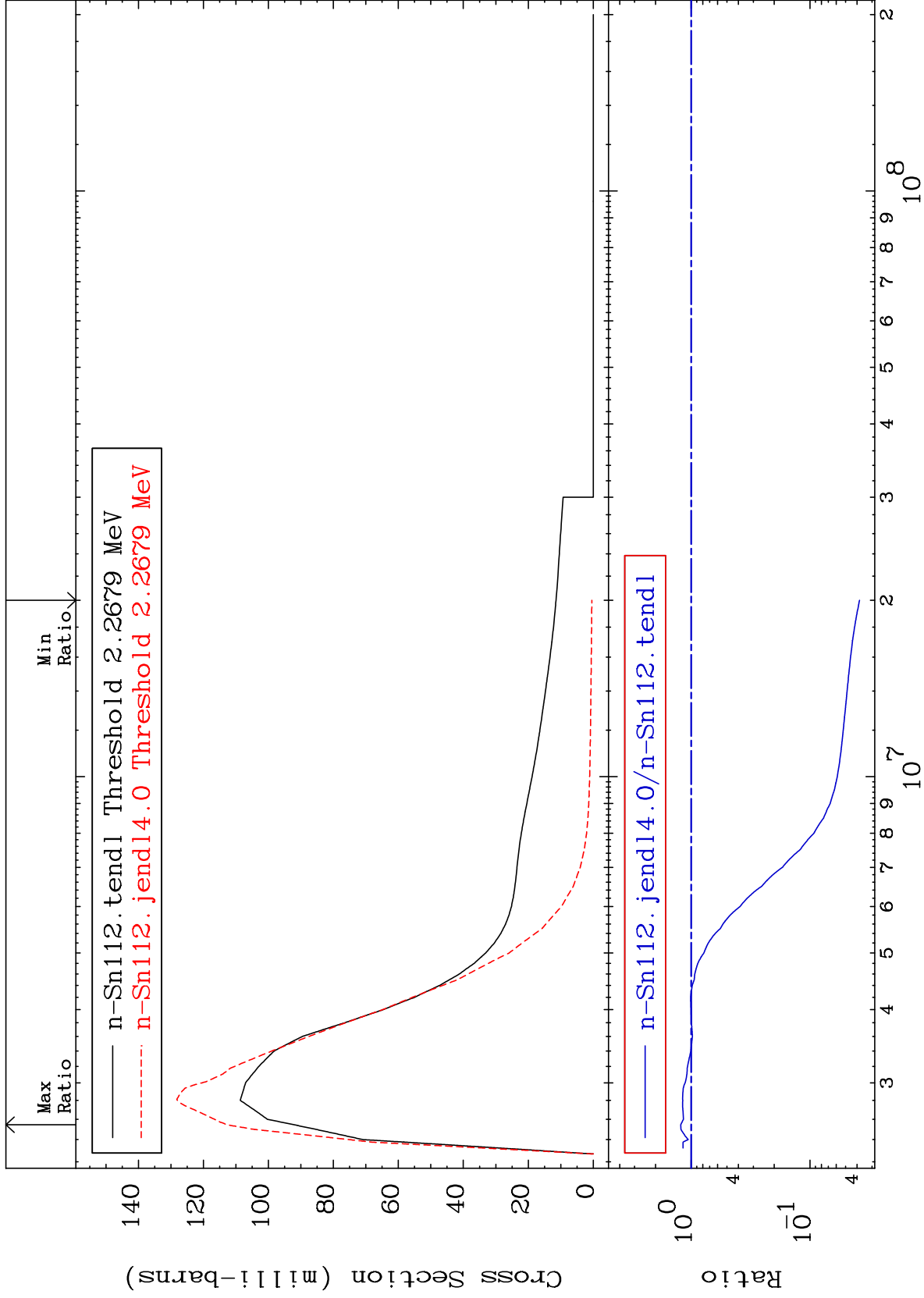
50-Sn-112  
1.747 To 9999. %



MAT 5025

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

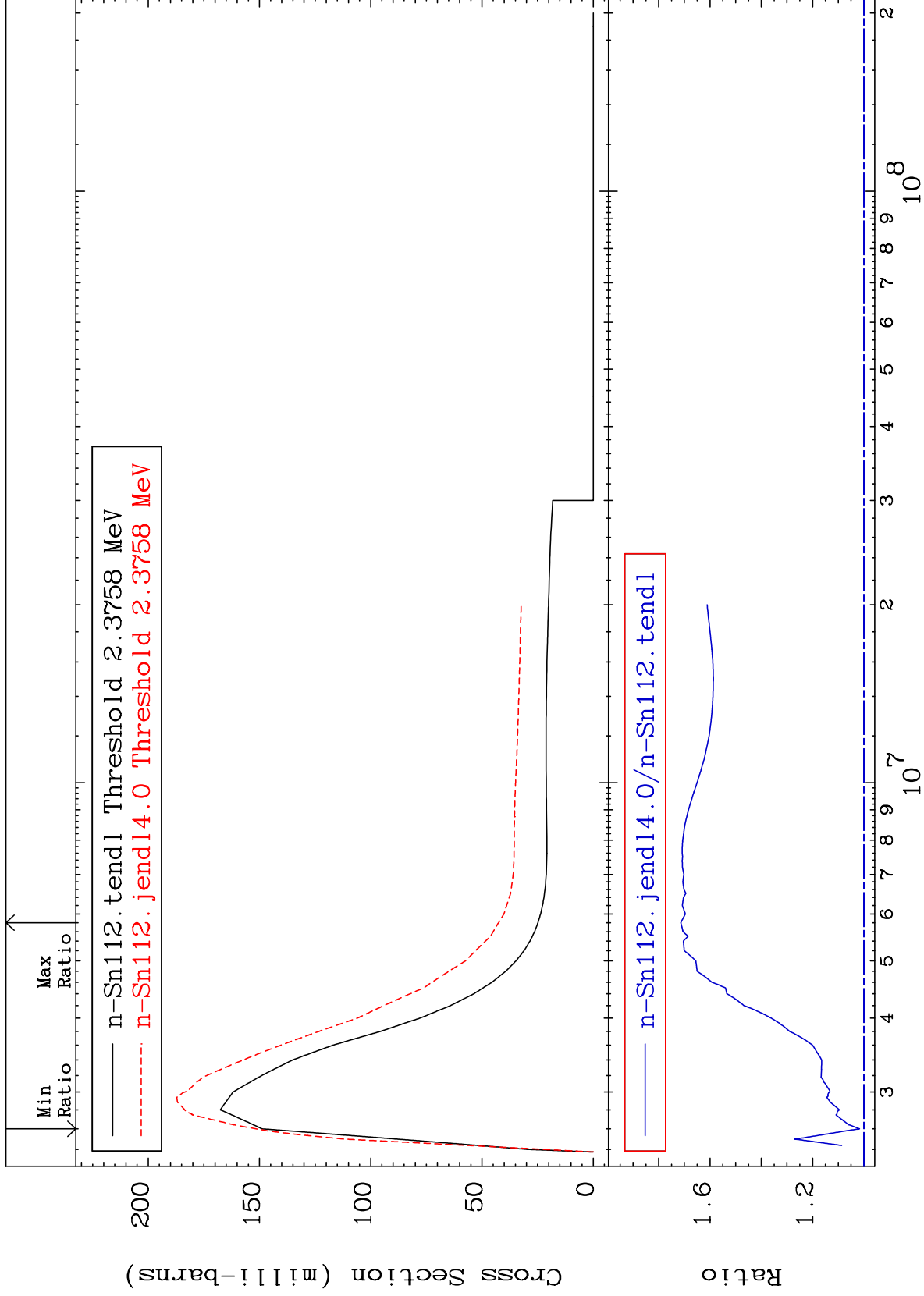
50-Sn-112  
-96.18 To 22.47 %



MAT 5025

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

50-Sn-112  
To 71.40 %



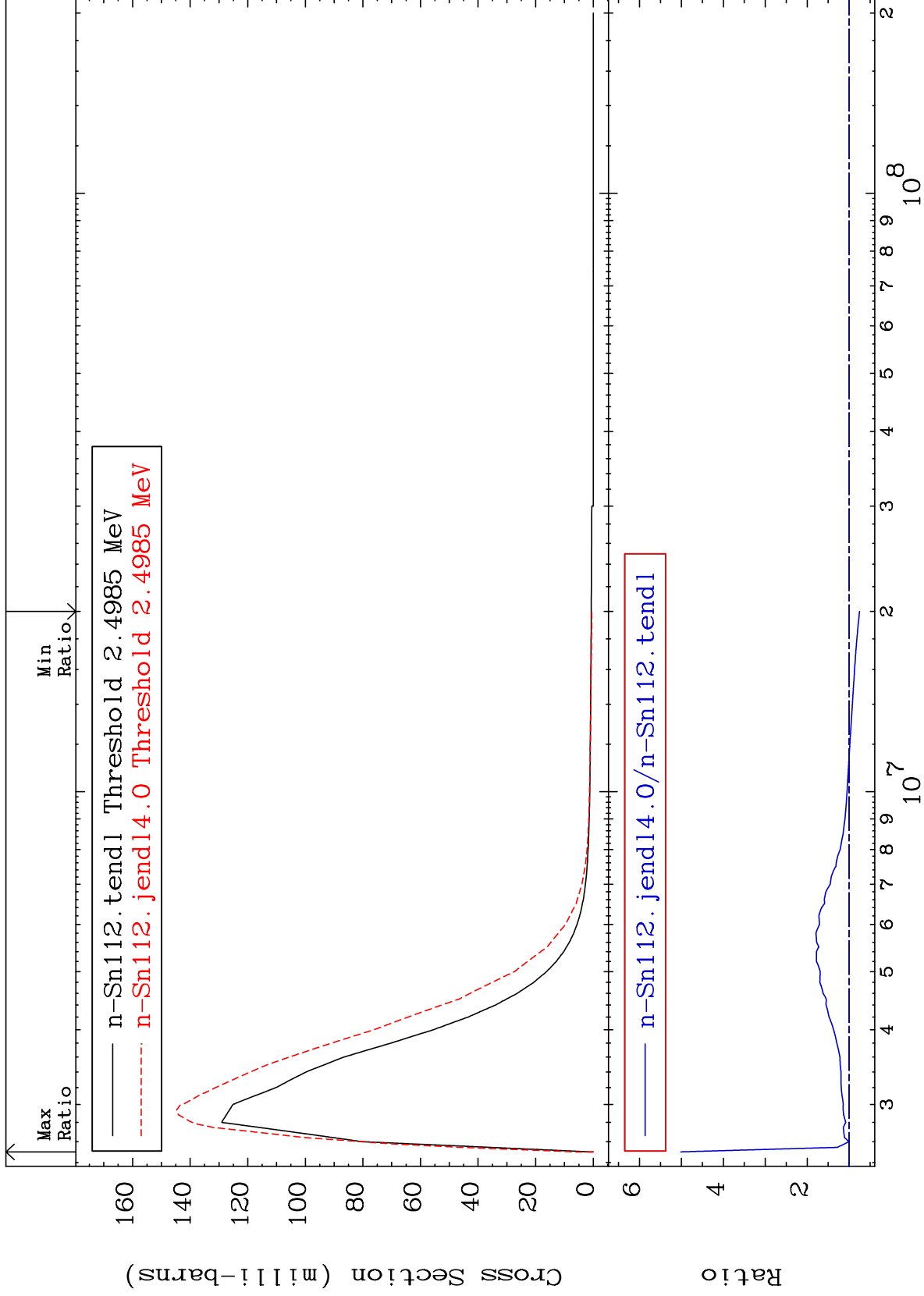
15

50-Sn-112

MAT 5025

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

50-Sn-112  
-24.90 To 401.6 %

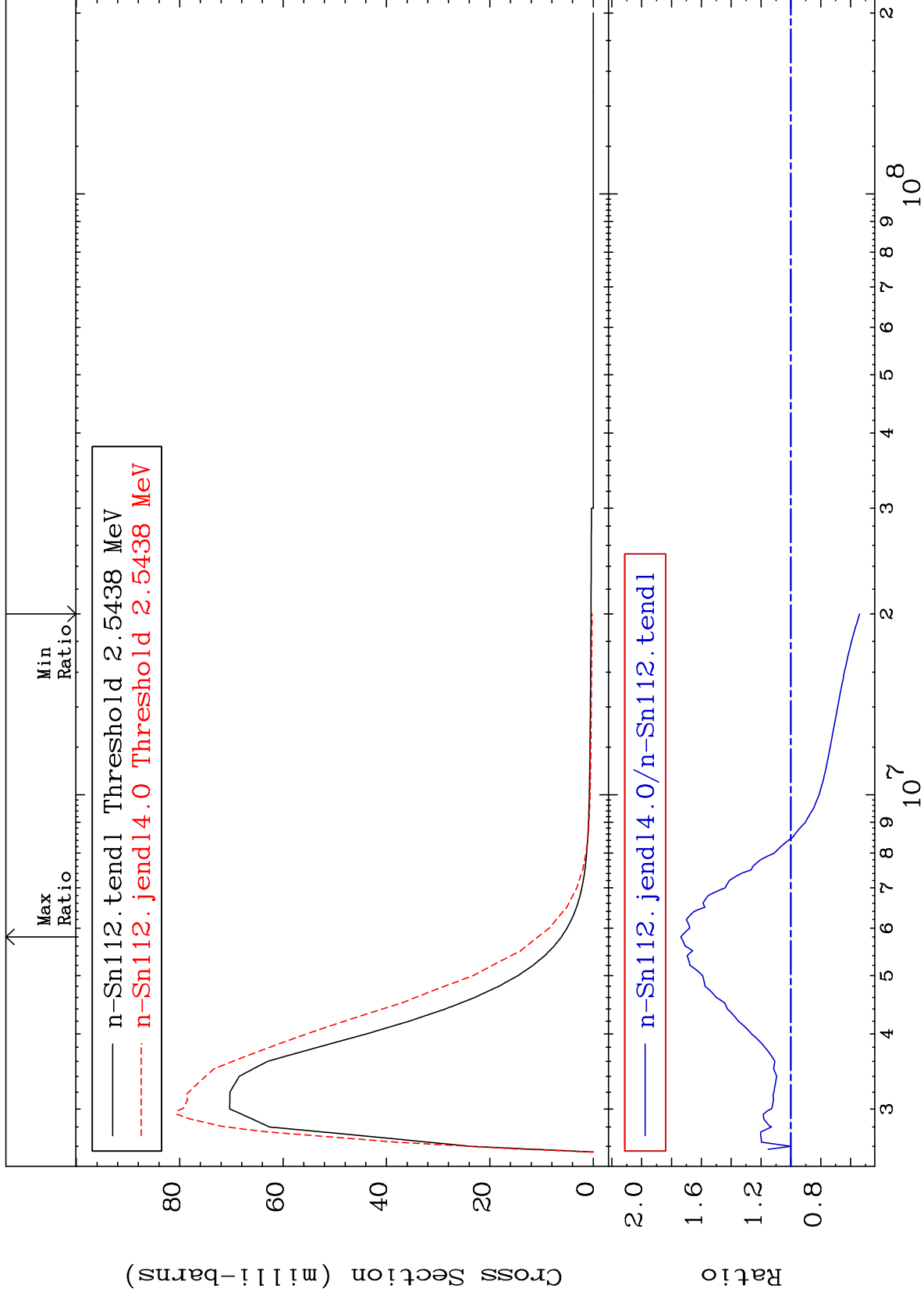




MAT 5025

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

50-Sn-112  
-46.00 To 73.78 %



17

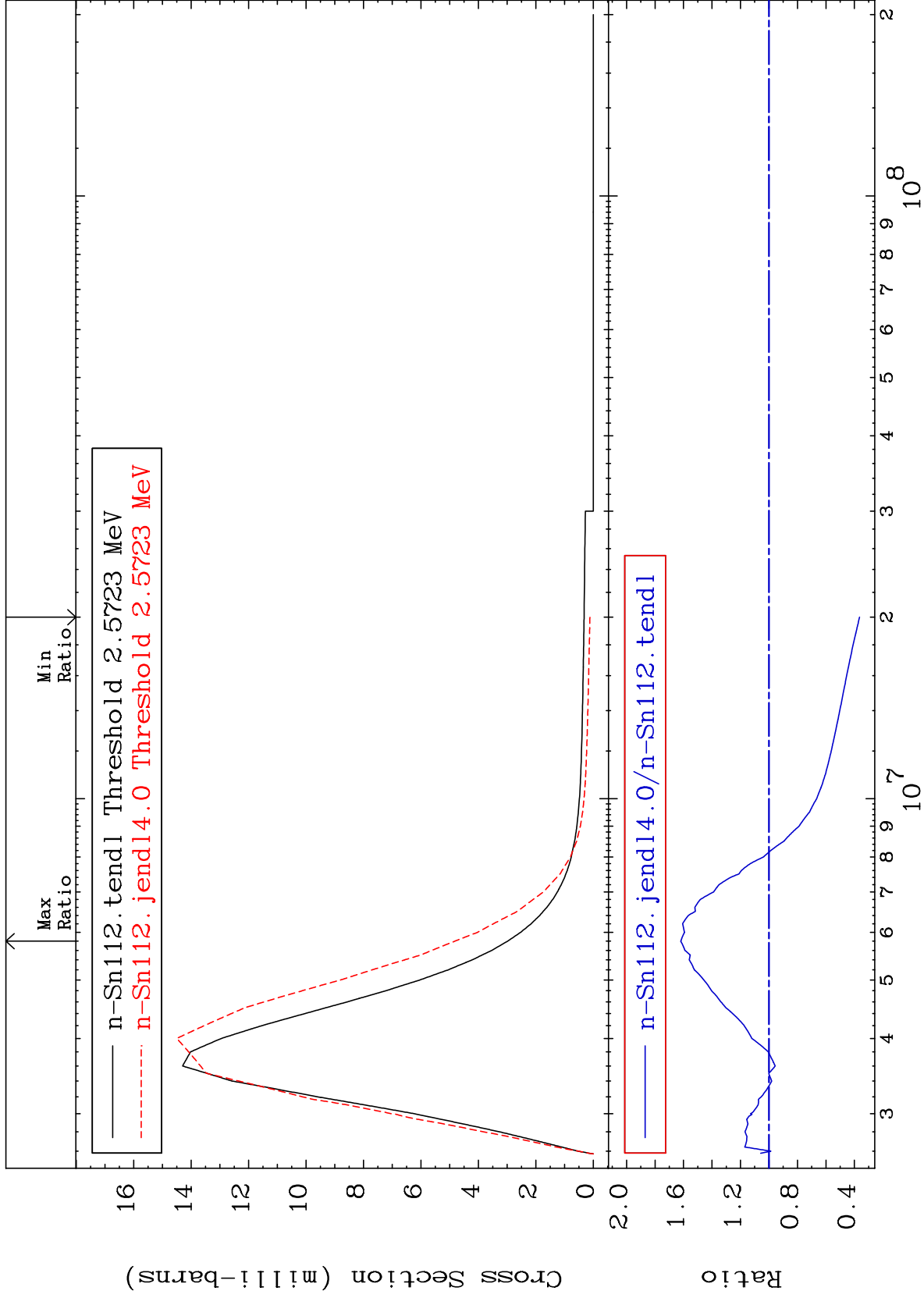
Incident Energy (eV)

50-Sn-112

MAT 5025

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

50-Sn-112  
-63.59 To 61.92 %



18

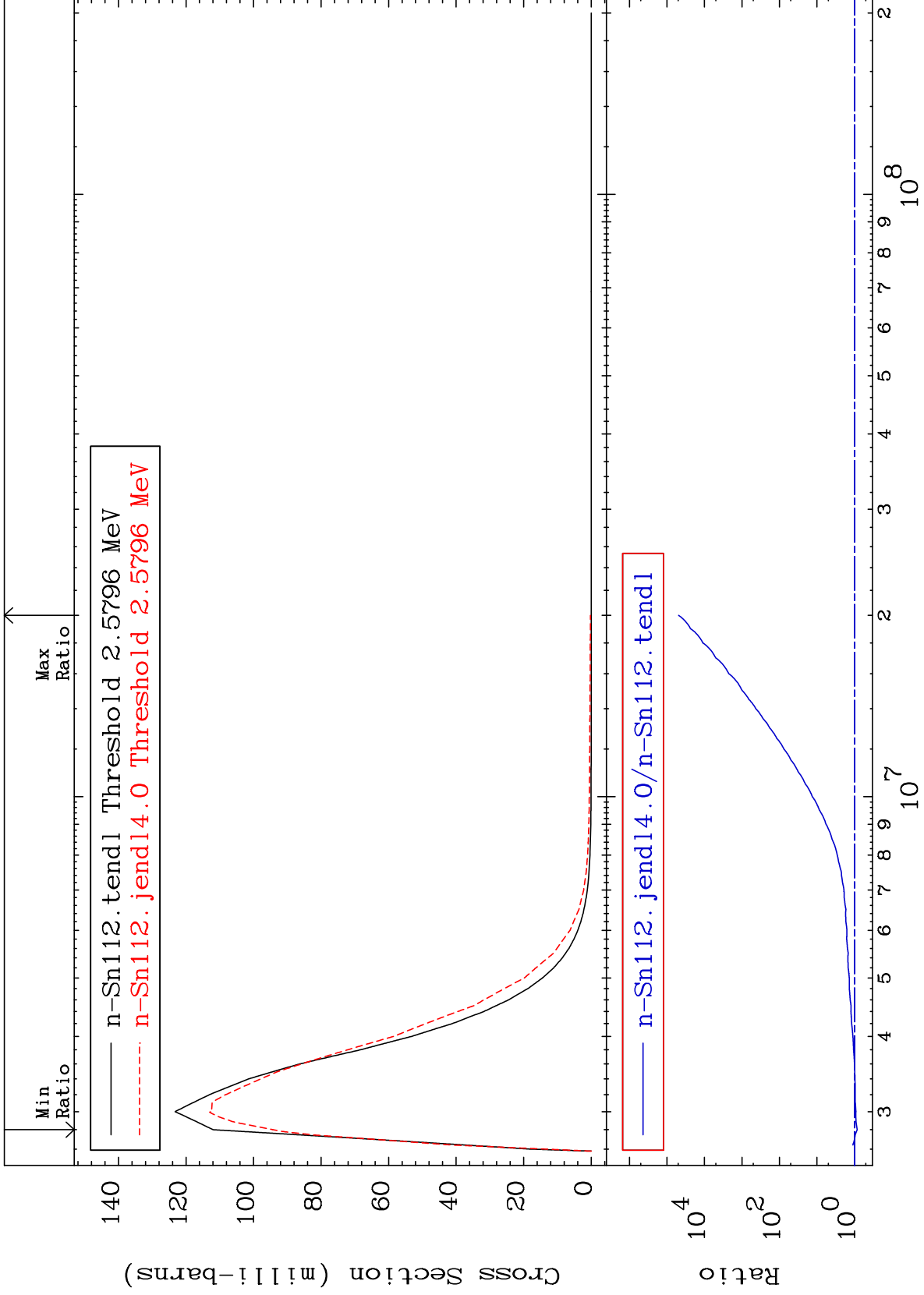
Incident Energy (eV)

50-Sn-112

MAT 5025

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

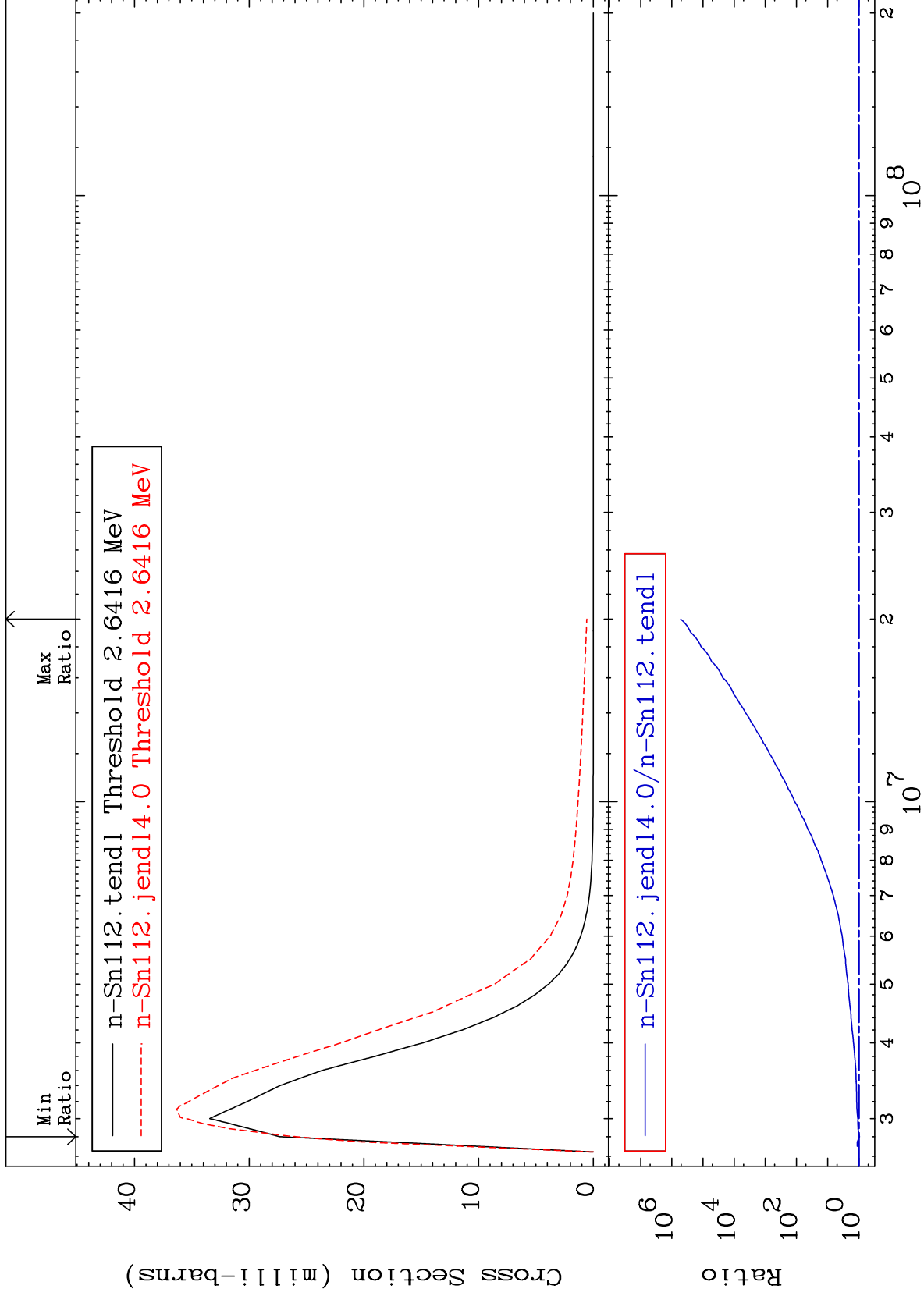
50-Sn-112  
-15.83 To 9999. %



MAT 5025

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

50-Sn-112  
-5.160 To 9999. %



20

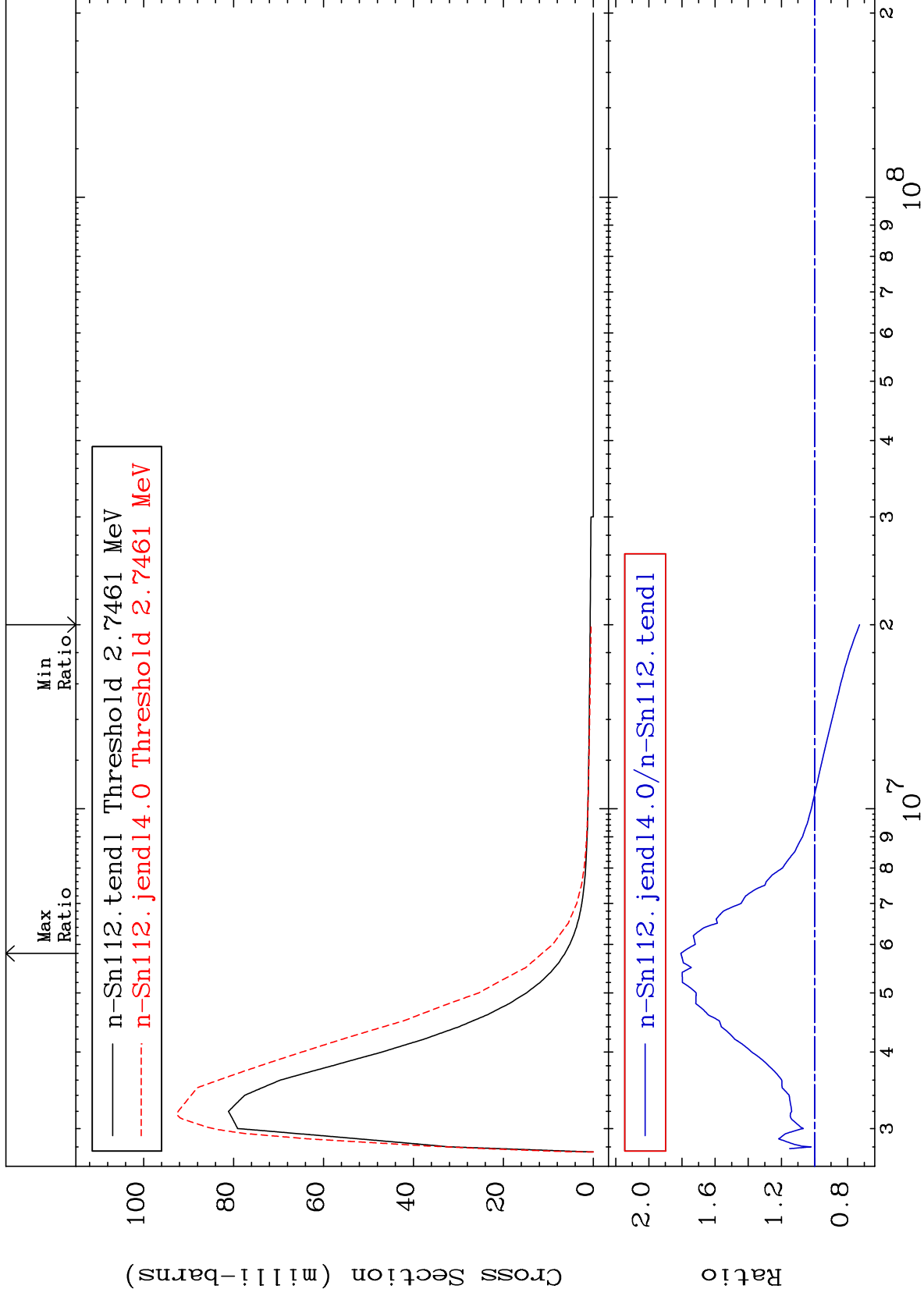
Incident Energy (eV)

50-Sn-112

MAT 5025

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

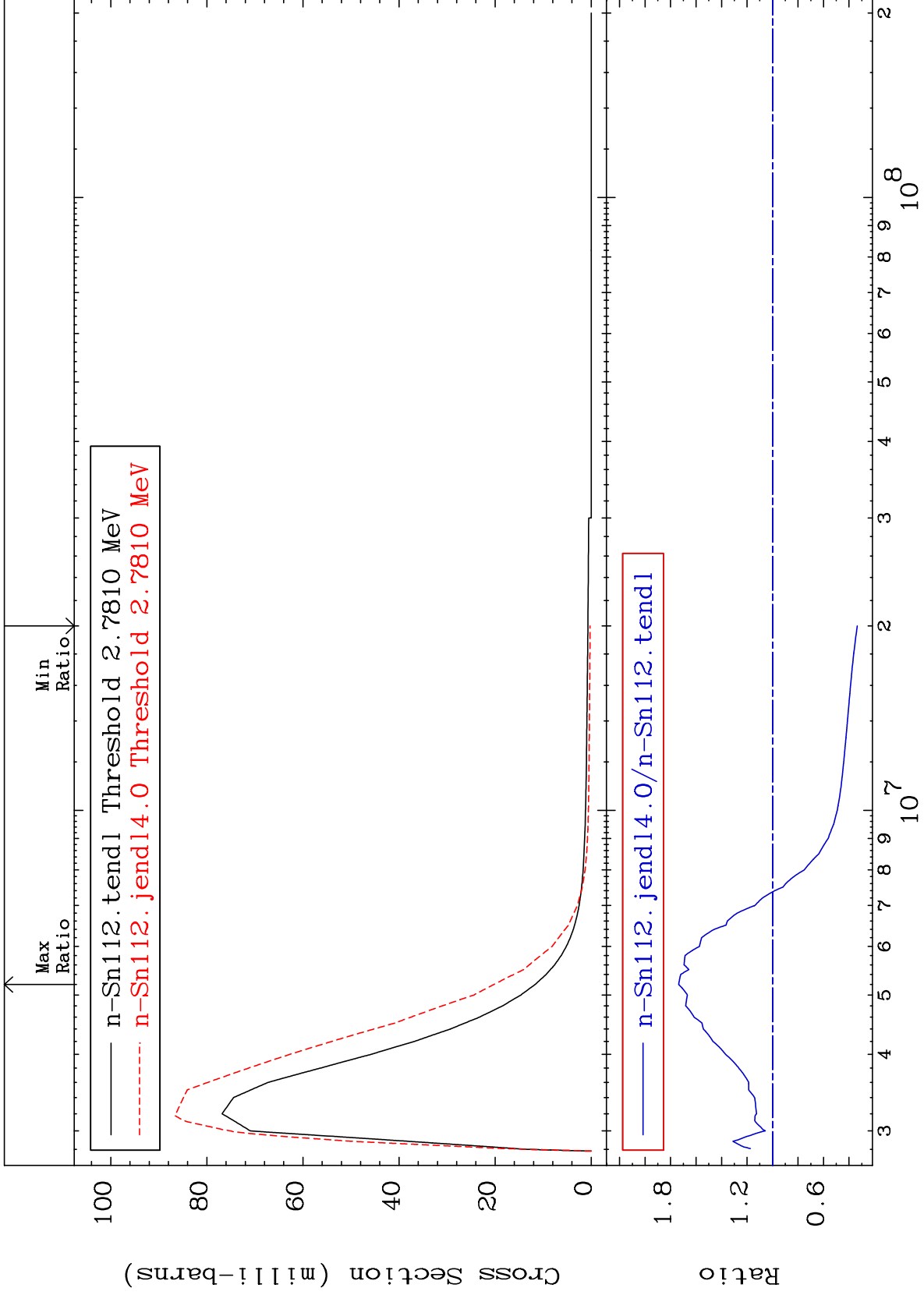
50-Sn-112  
-27.16 To 80.73 %



MAT 5025

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

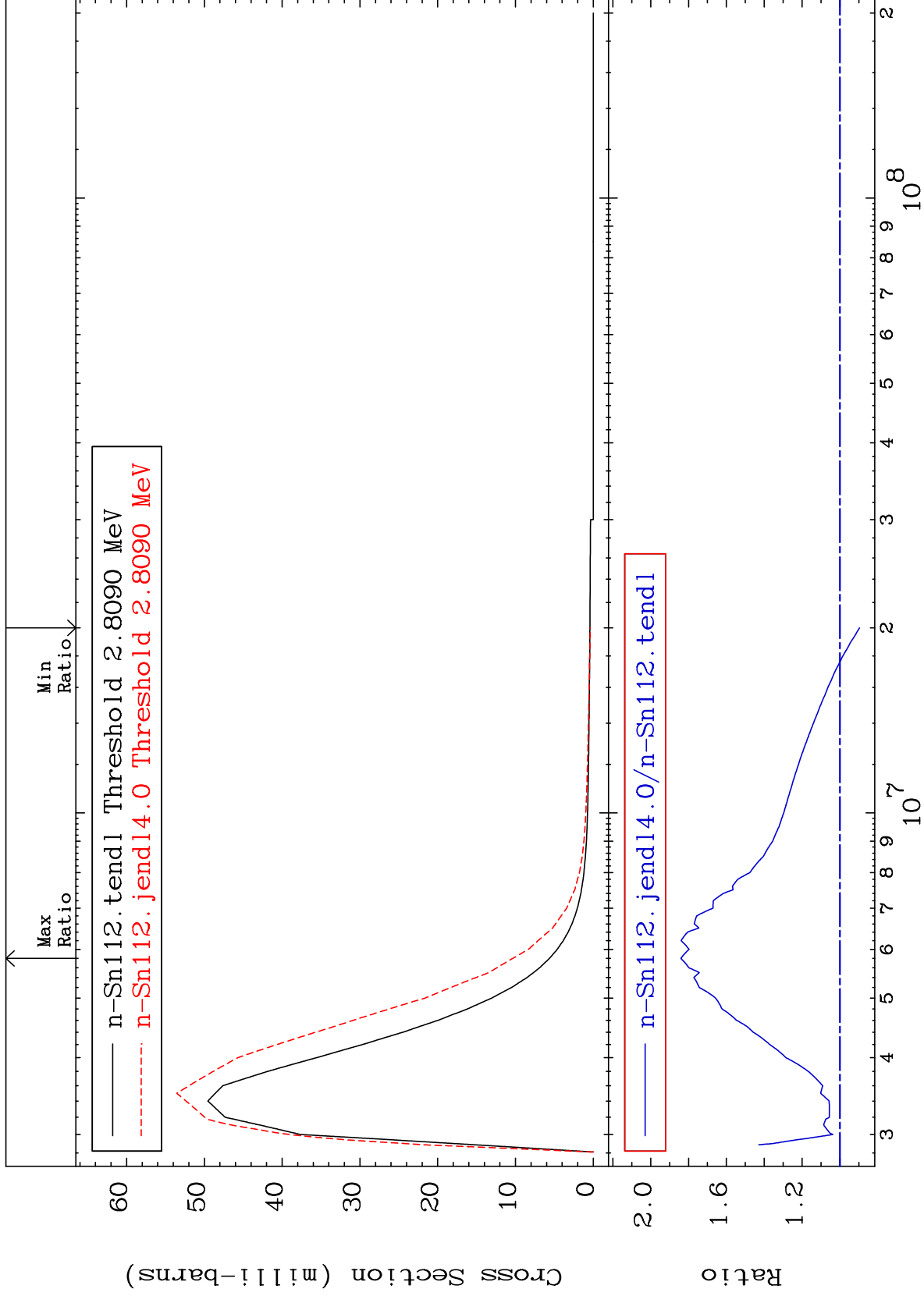
50-Sn-112  
-66.46 To 73.66 %



MAT 5025

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

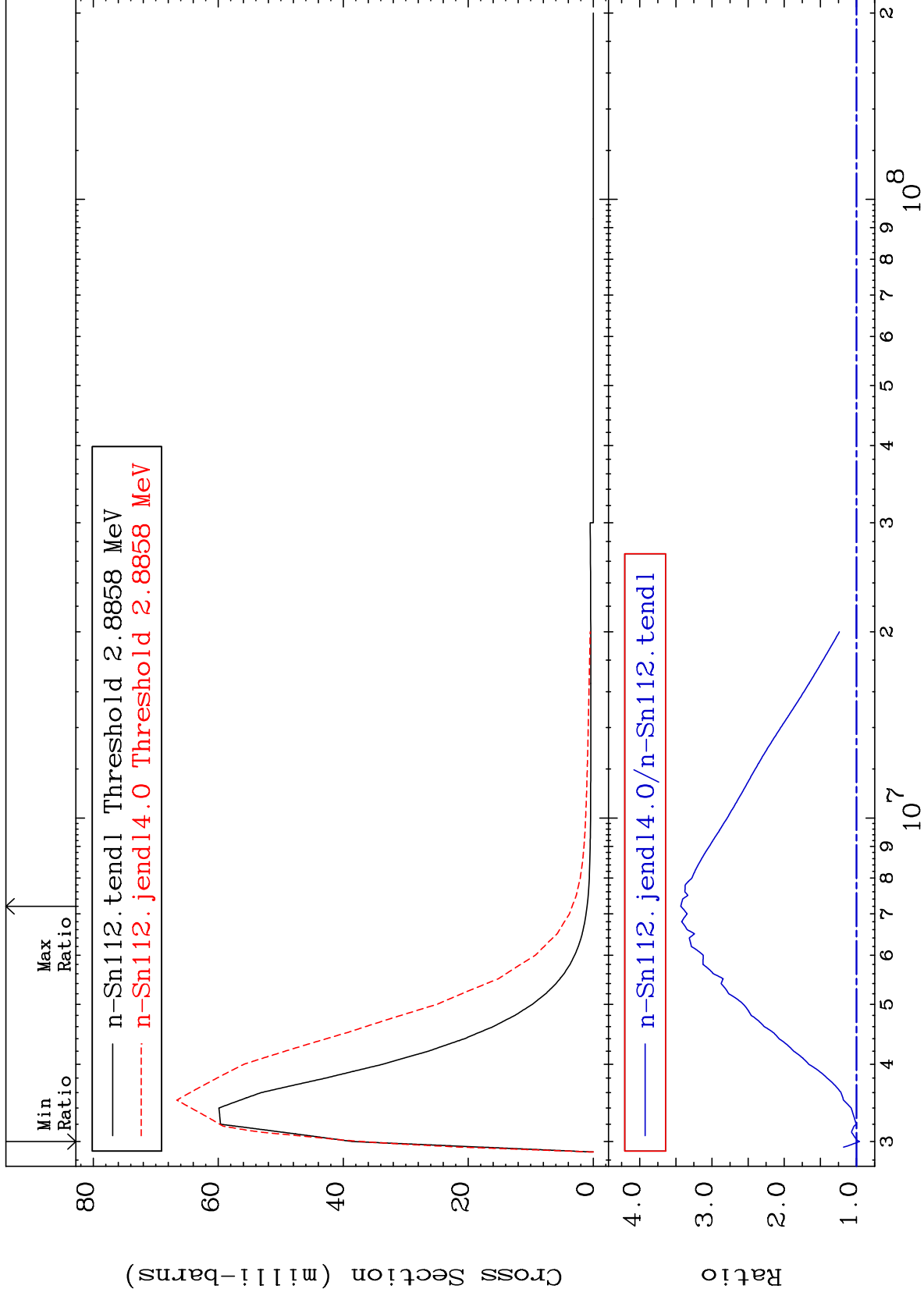
50-Sn-112  
-10.38 To 84.10 %



MAT 5025

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

50-Sn-112  
-4.191 To 243.2 %



24

Incident Energy (eV)

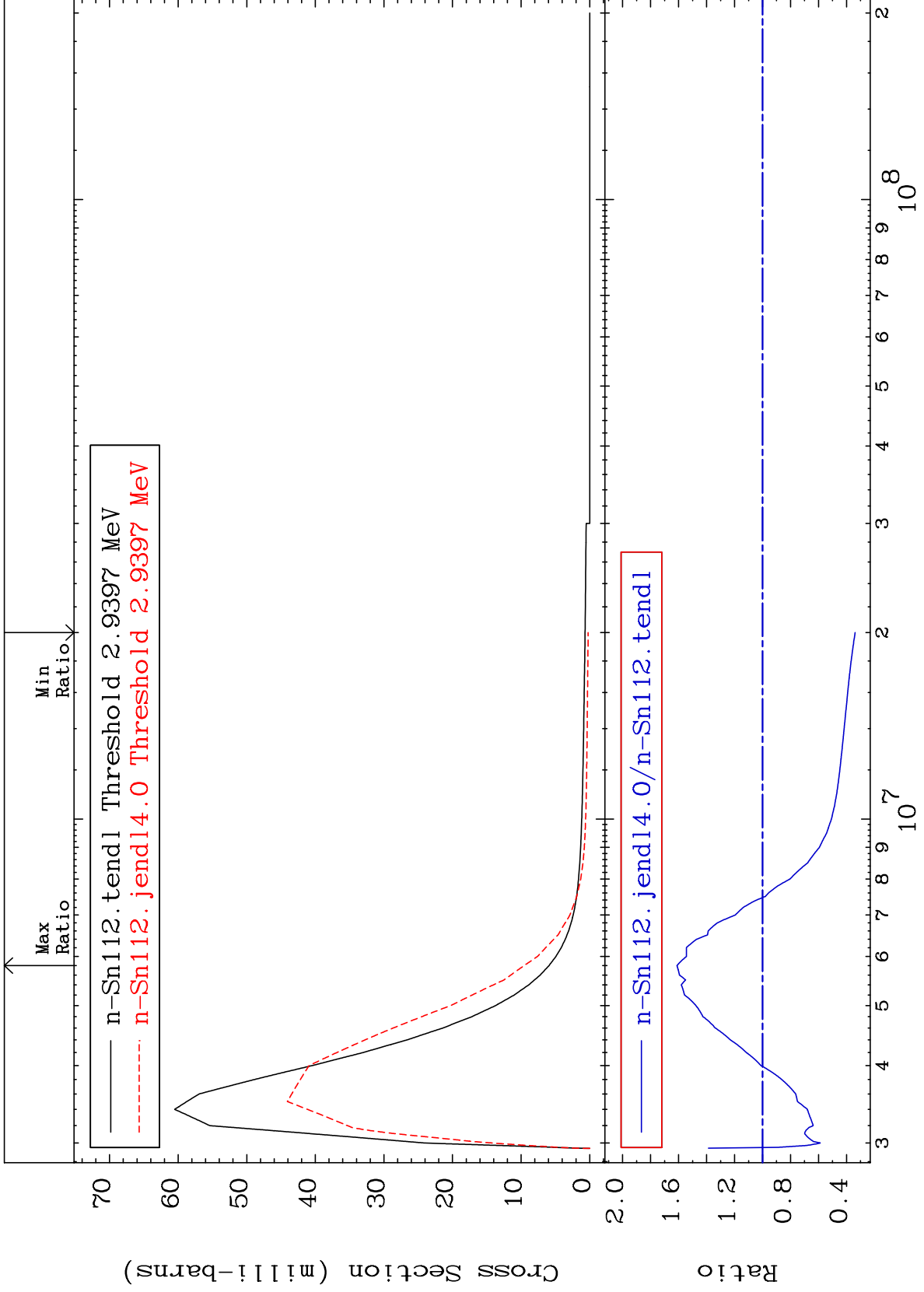
50-Sn-112



MAT 5025

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

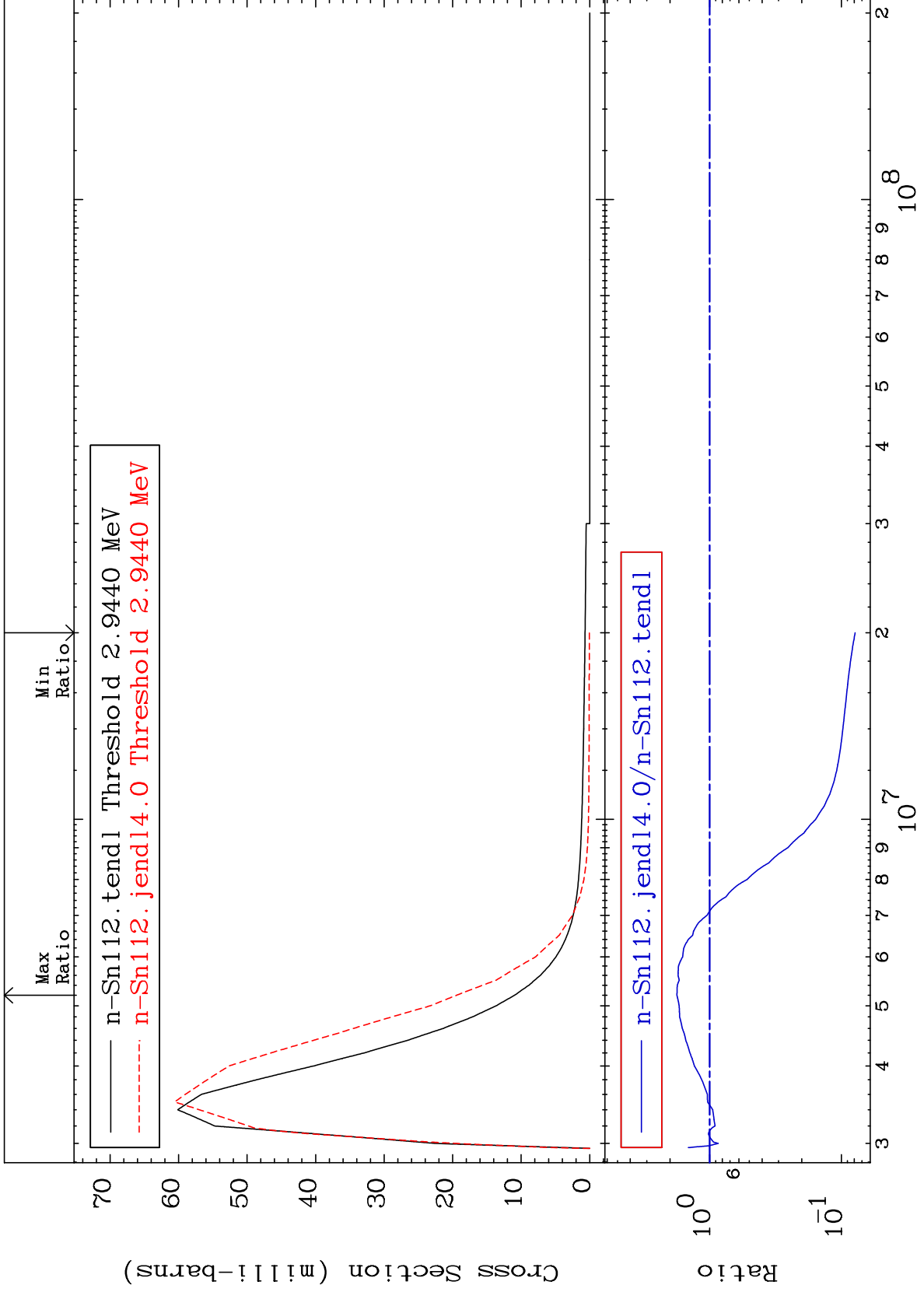
50-Sn-112  
-66.10 To 61.18 %



MAT 5025

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

50-Sn-112  
-92.12 To 77.10 %



26

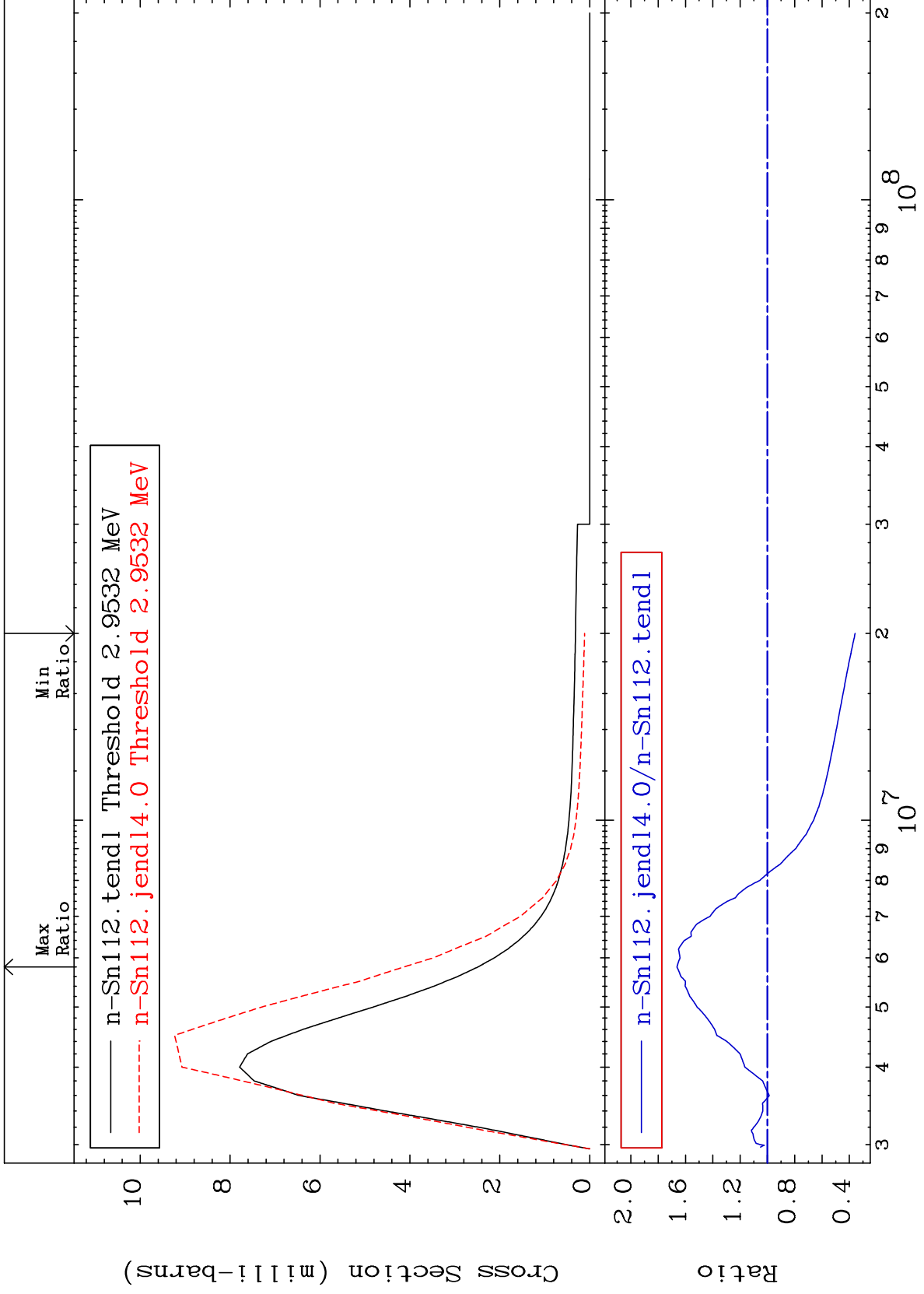
Incident Energy (eV)

50-Sn-112

MAT 5025

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

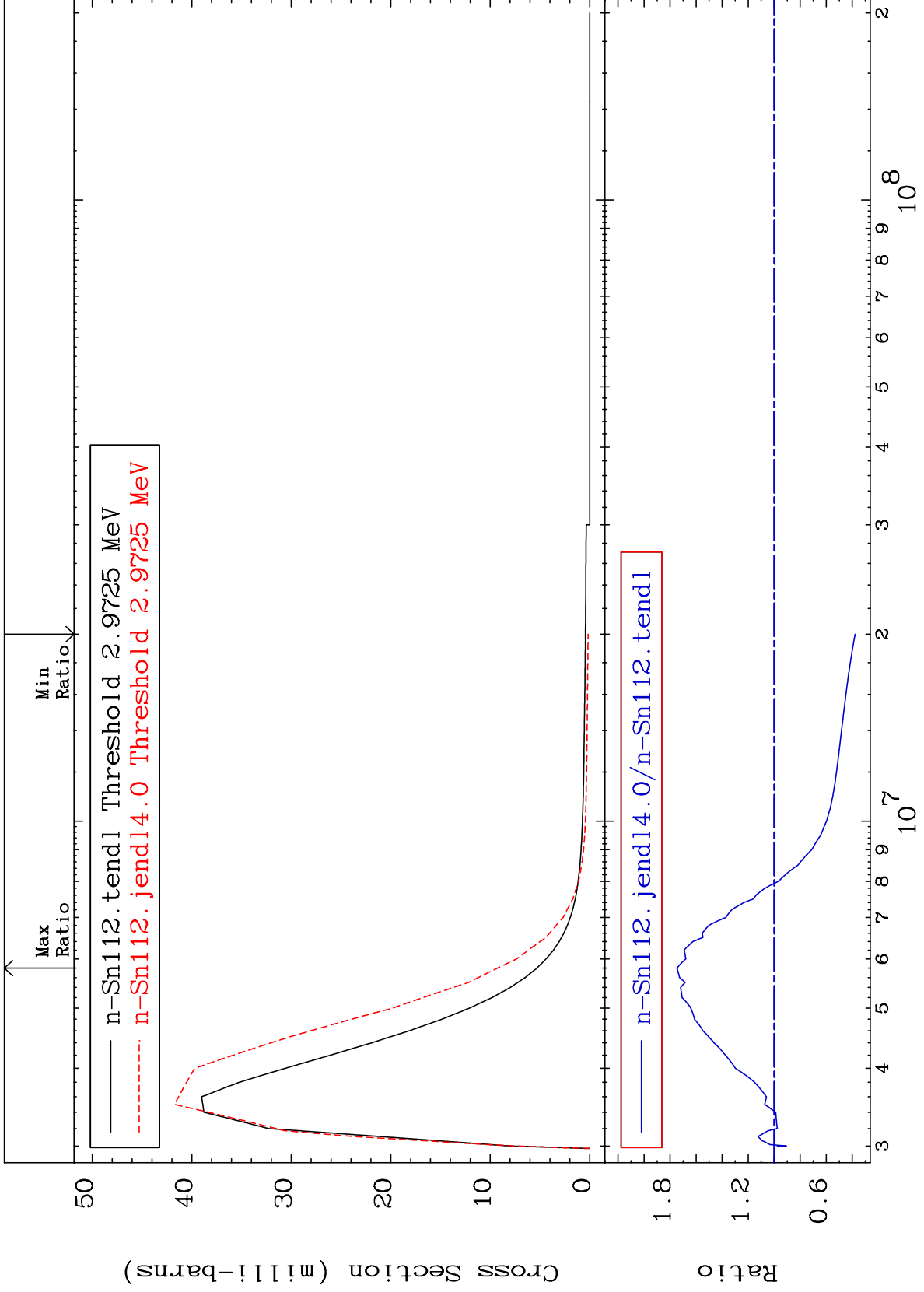
50-Sn-112  
-64.21 To 66.27 %



MAT 5025

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

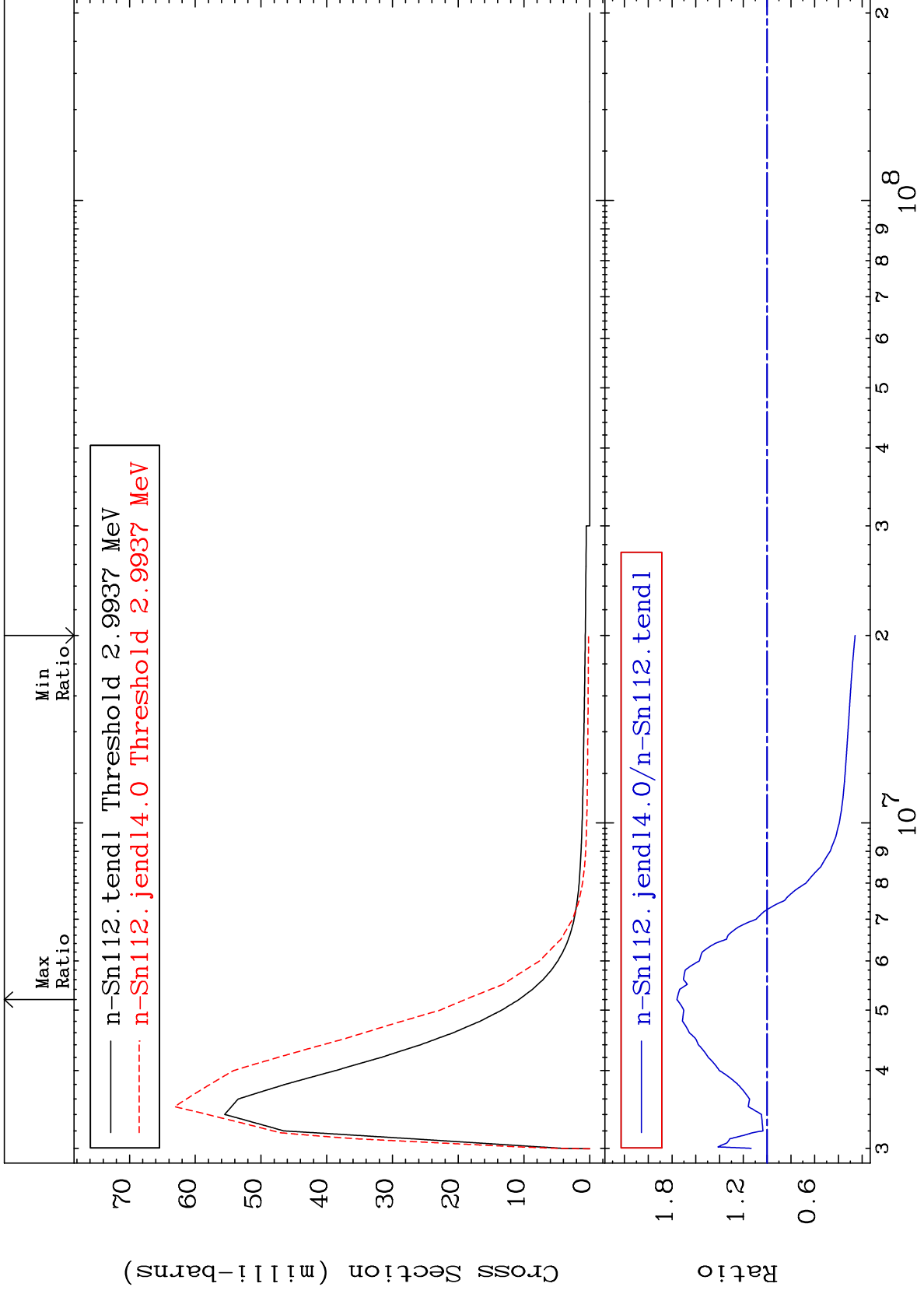
50-Sn-112  
-62.19 To 74.74 %



MAT 5025

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

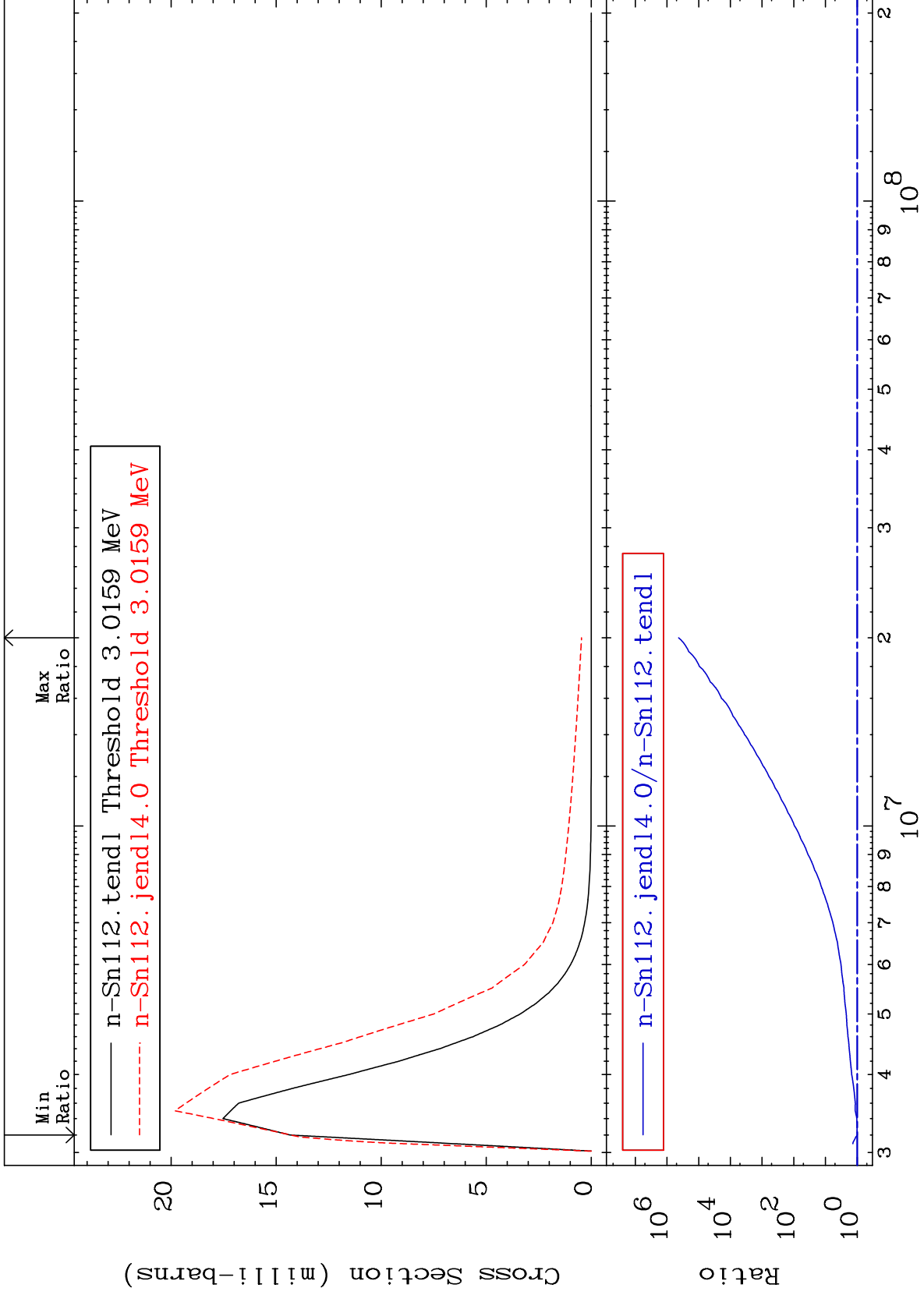
50-Sn-112  
-73.99 To 75.87 %



MAT 5025

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

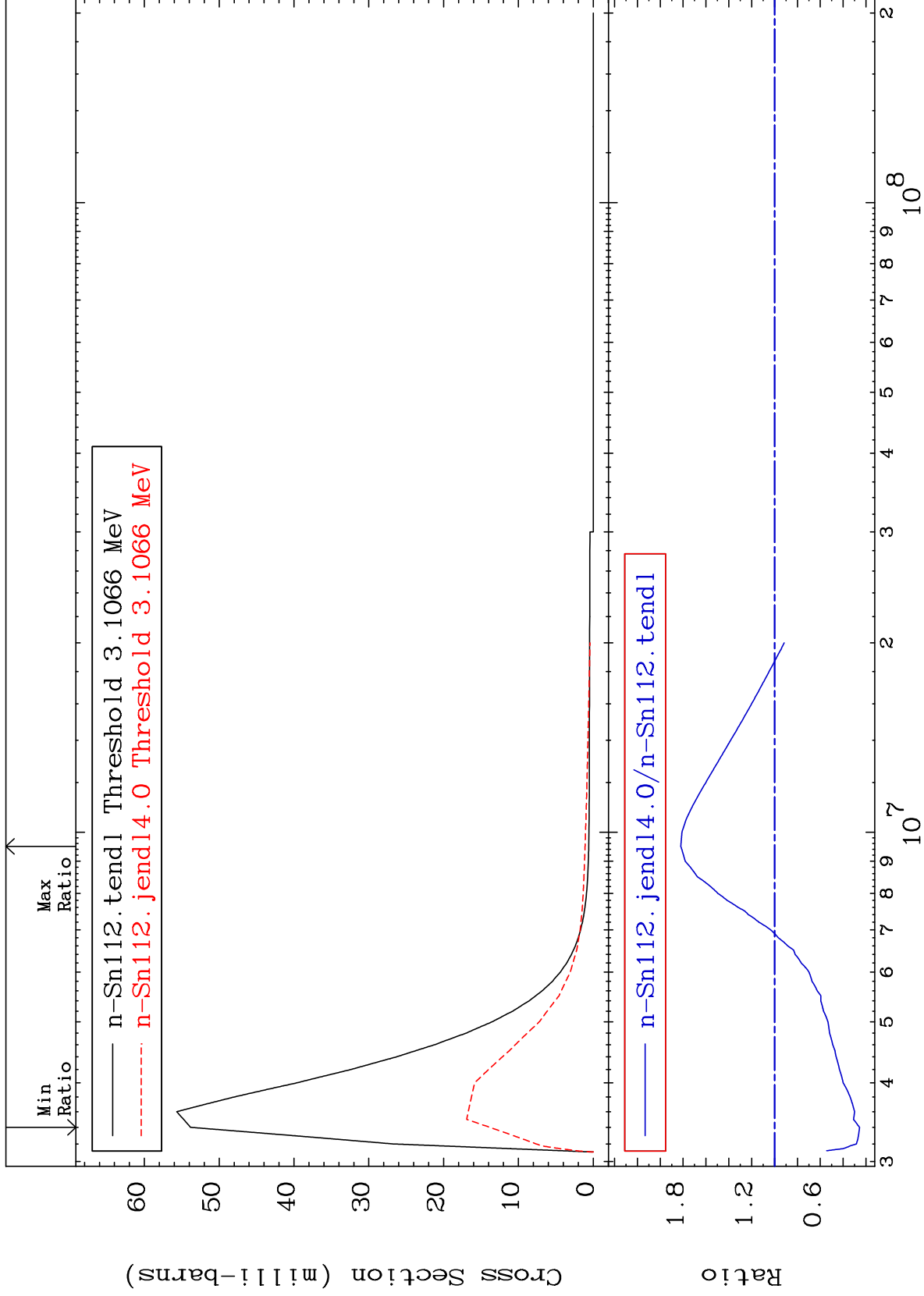
50-Sn-112  
-0.363 To 9999. %



30

Incident Energy (eV)

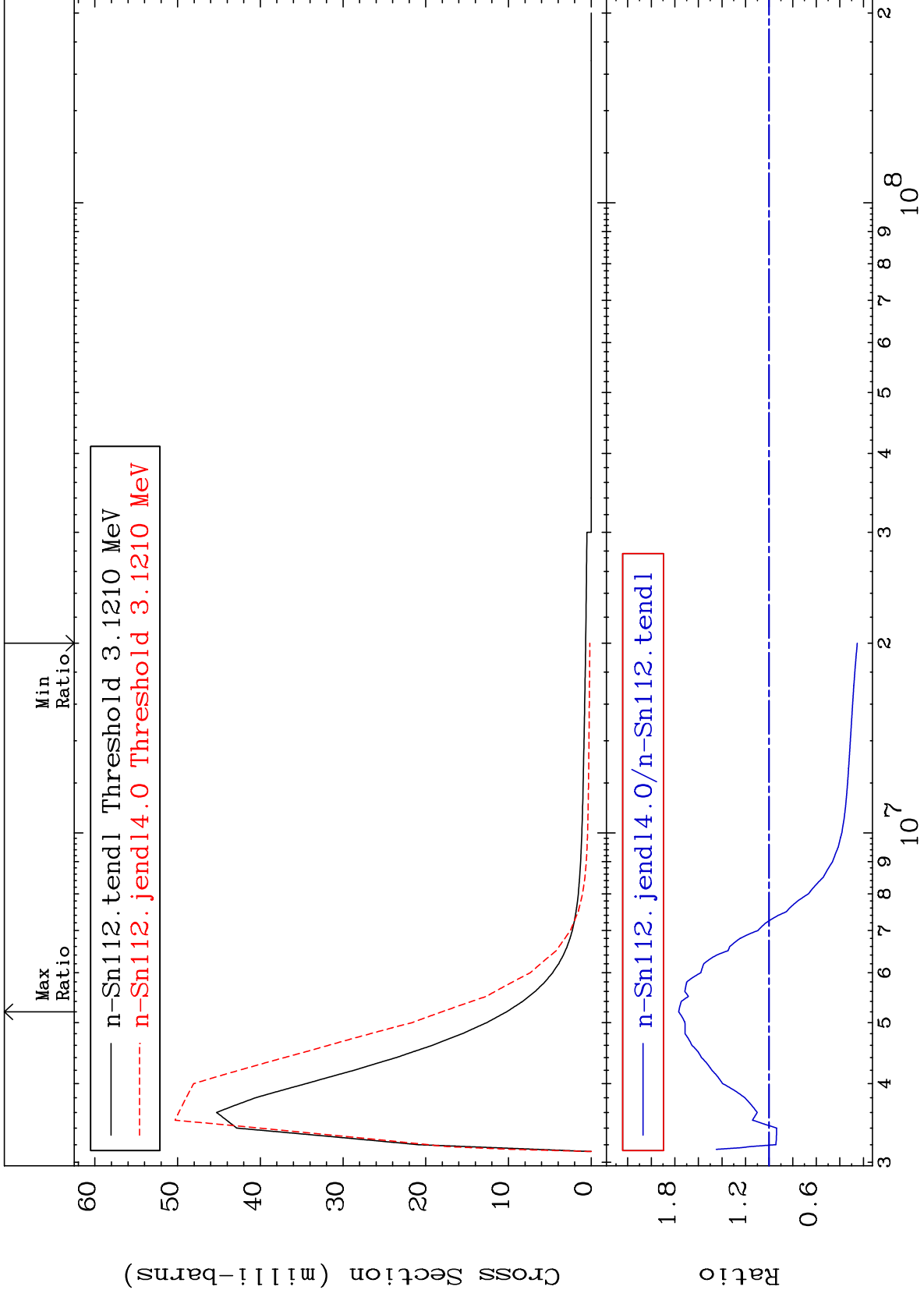
50-Sn-112



MAT 5025

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

50-Sn-112  
-74.79 To 76.77 %

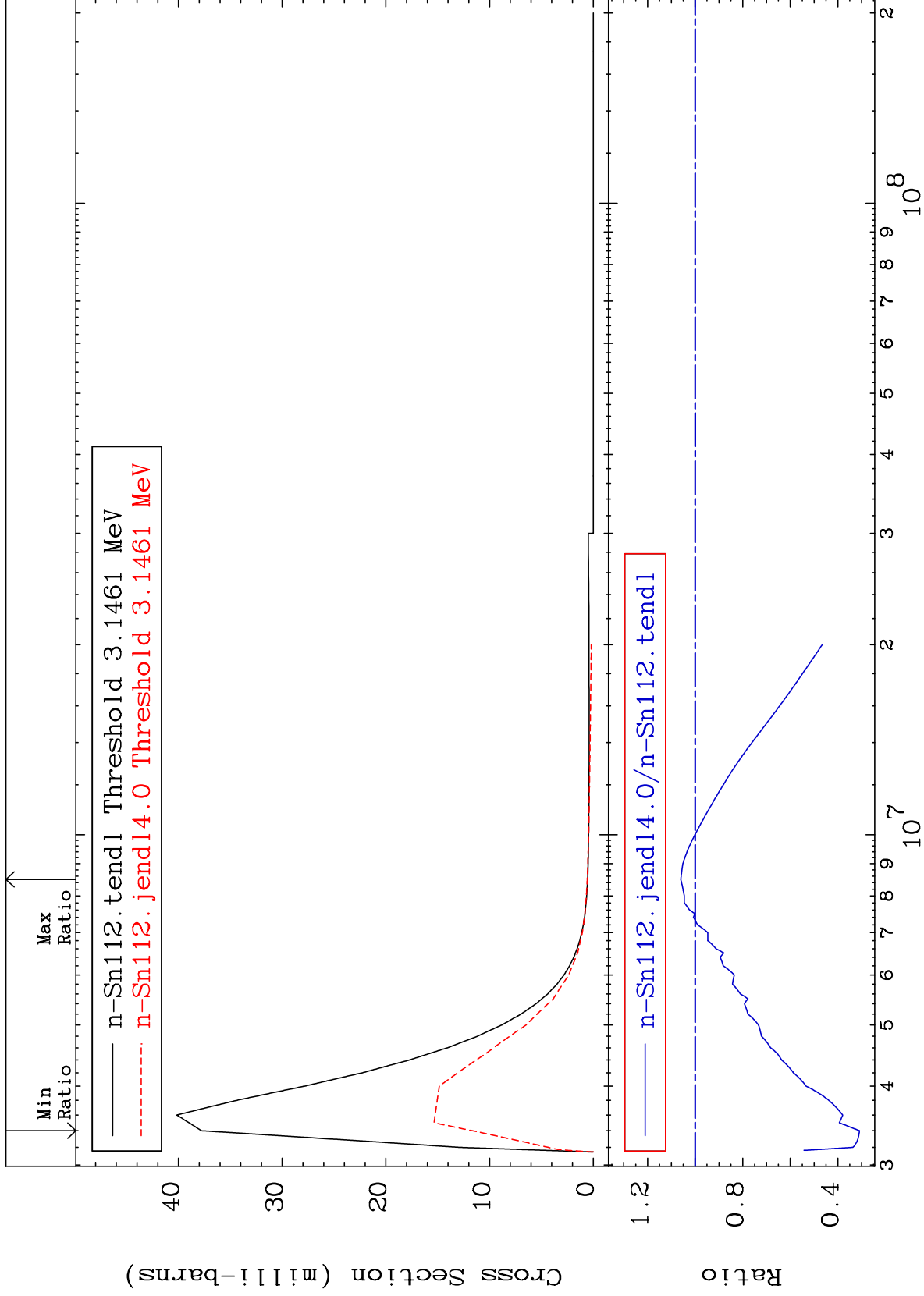




MAT 5025

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

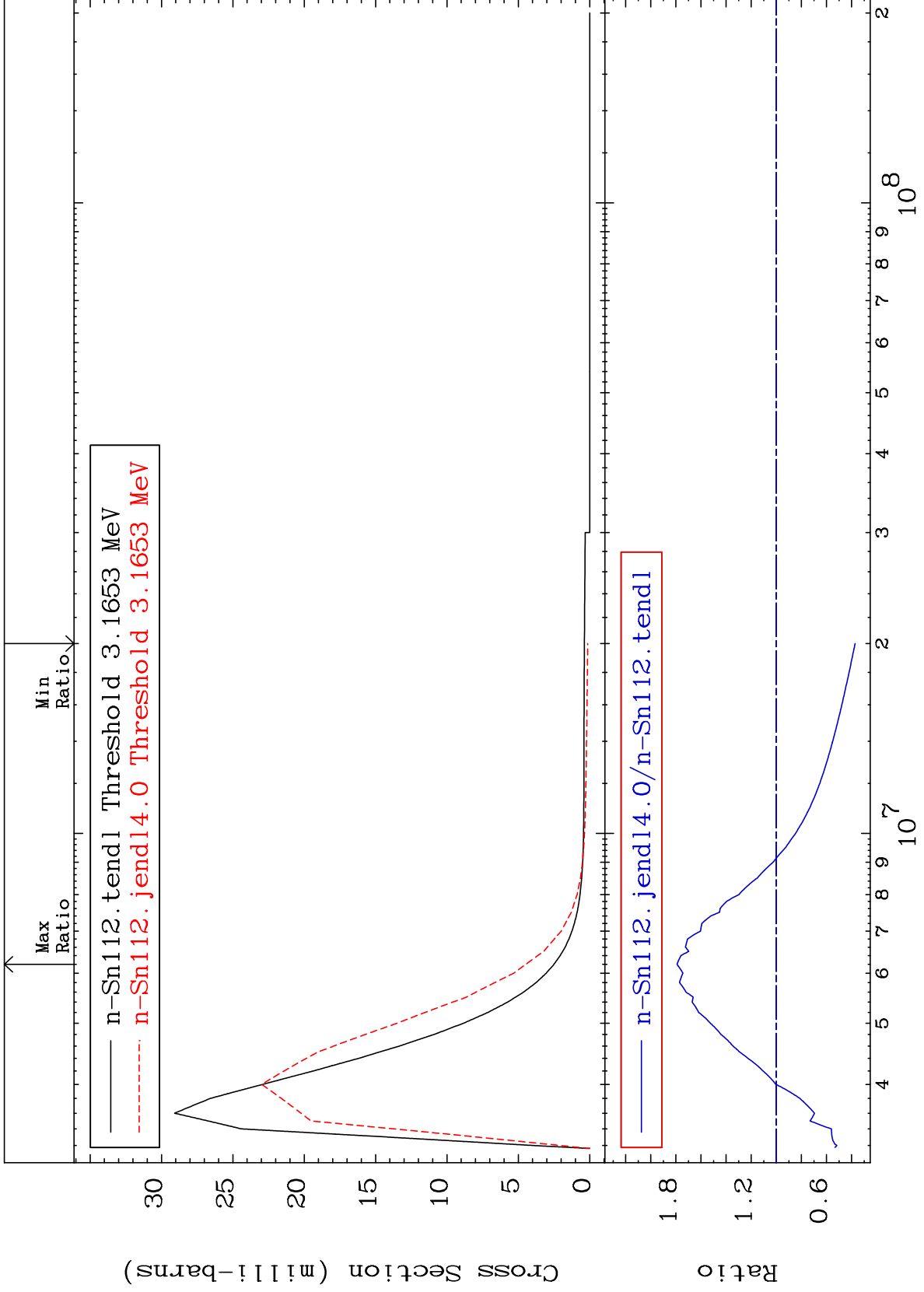
50-Sn-112  
-69.10 To 6.046 %



MAT 5025

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

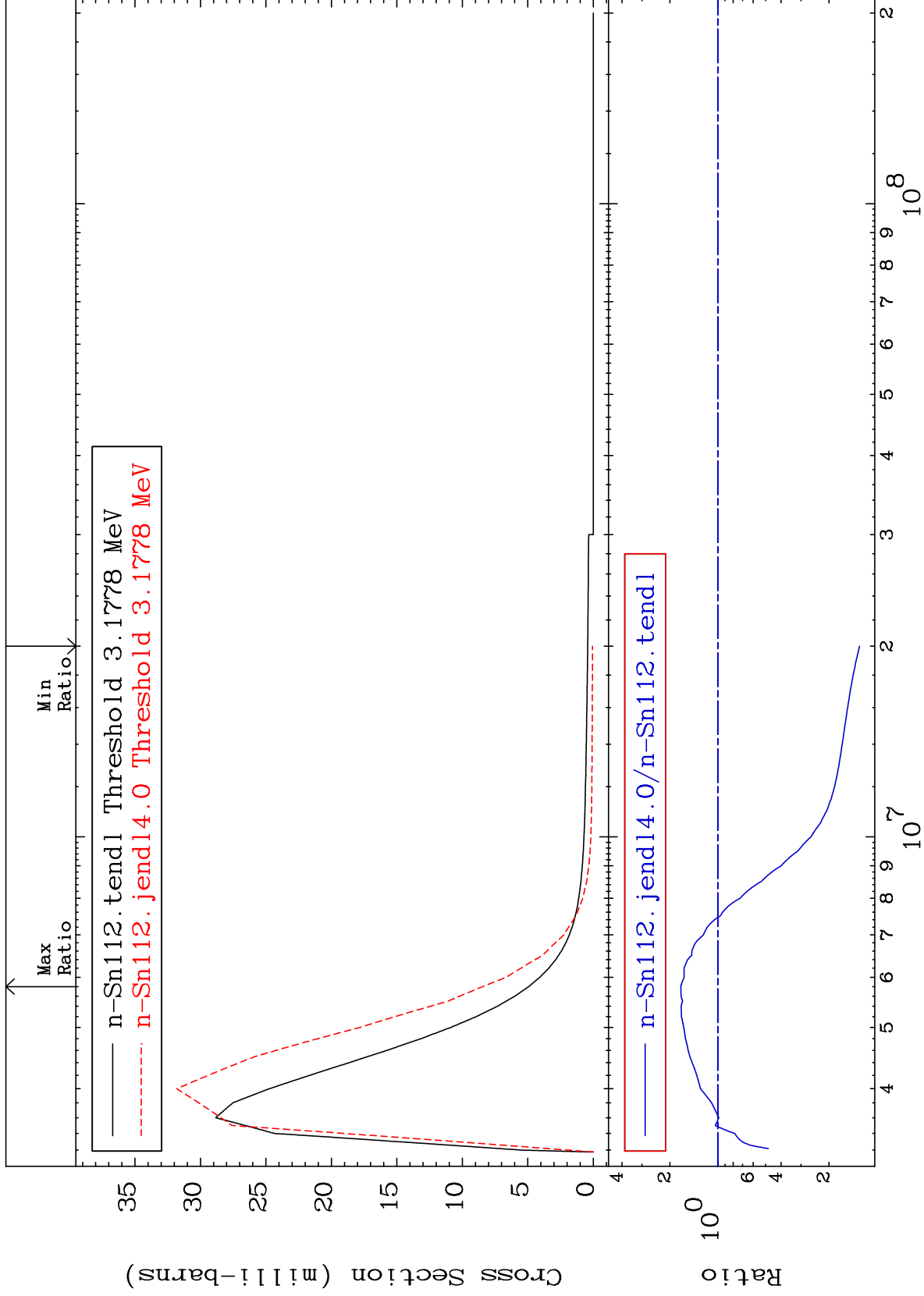
50-Sn-112  
-62.75 To 79.20 %



MAT 5025

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

50-Sn-112  
-87.14 To 71.06 %



35

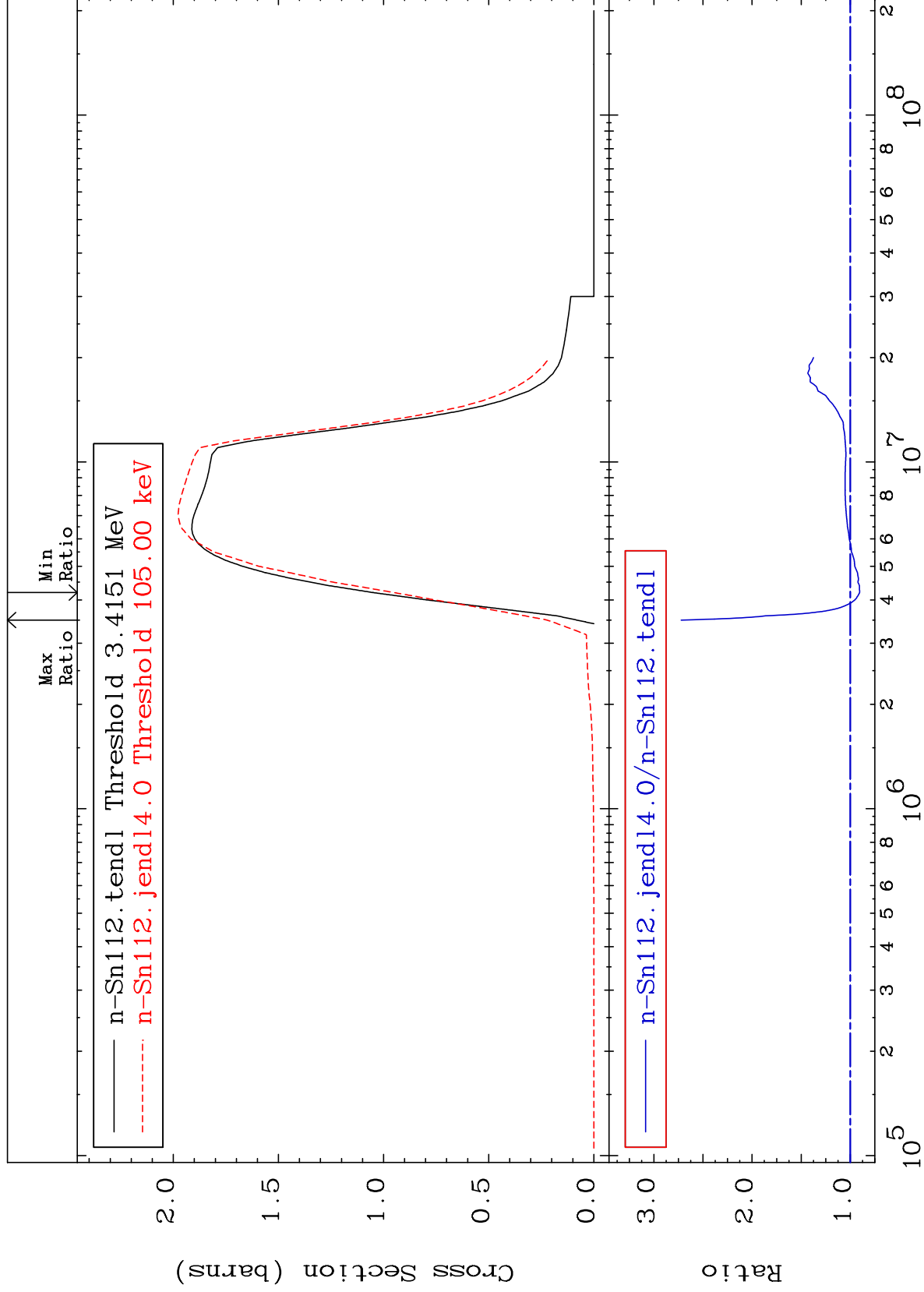
Incident Energy (eV)

50-Sn-112

MAT 5025

(n, n') Continuum  
Cross Section

50-Sn-112  
-9.596 To 172.3 %



36

Incident Energy (eV)

50-Sn-112

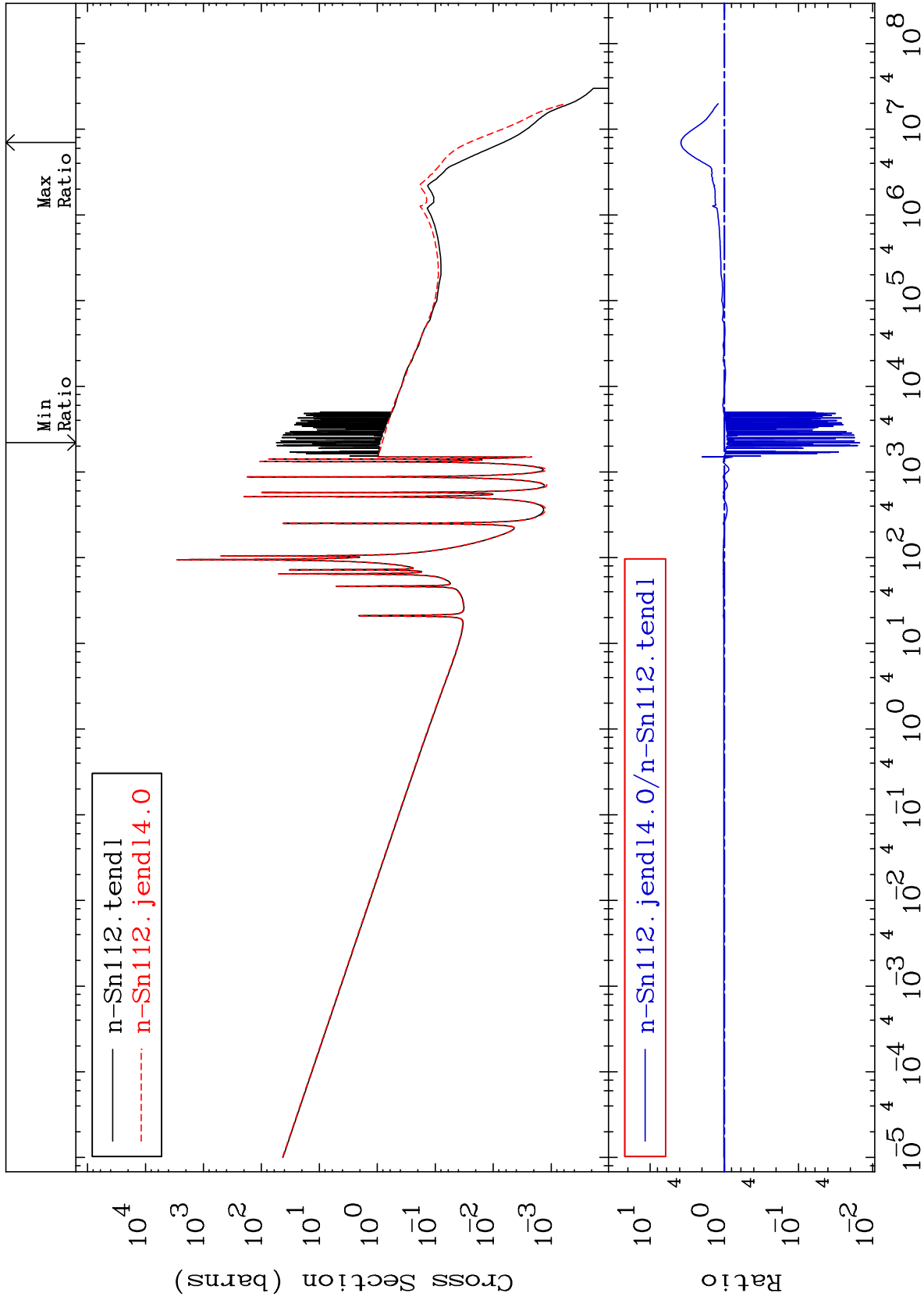
MAT 5025

(n,  $\gamma$ )

50-Sn-112

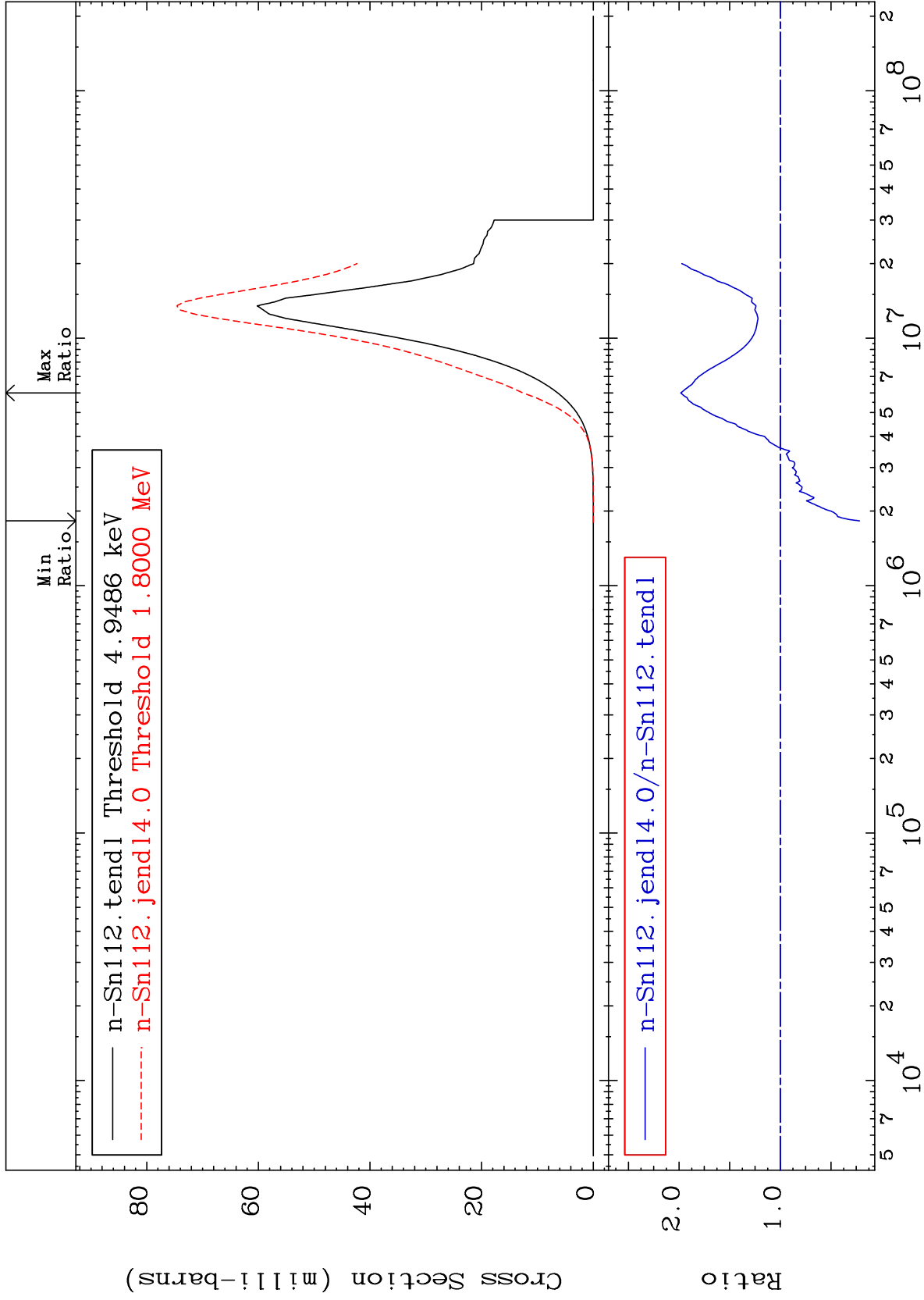
Cross Section

-98.50 To 287.1 %



(n, p)  
Cross Section

-78.22 To 98.28 %



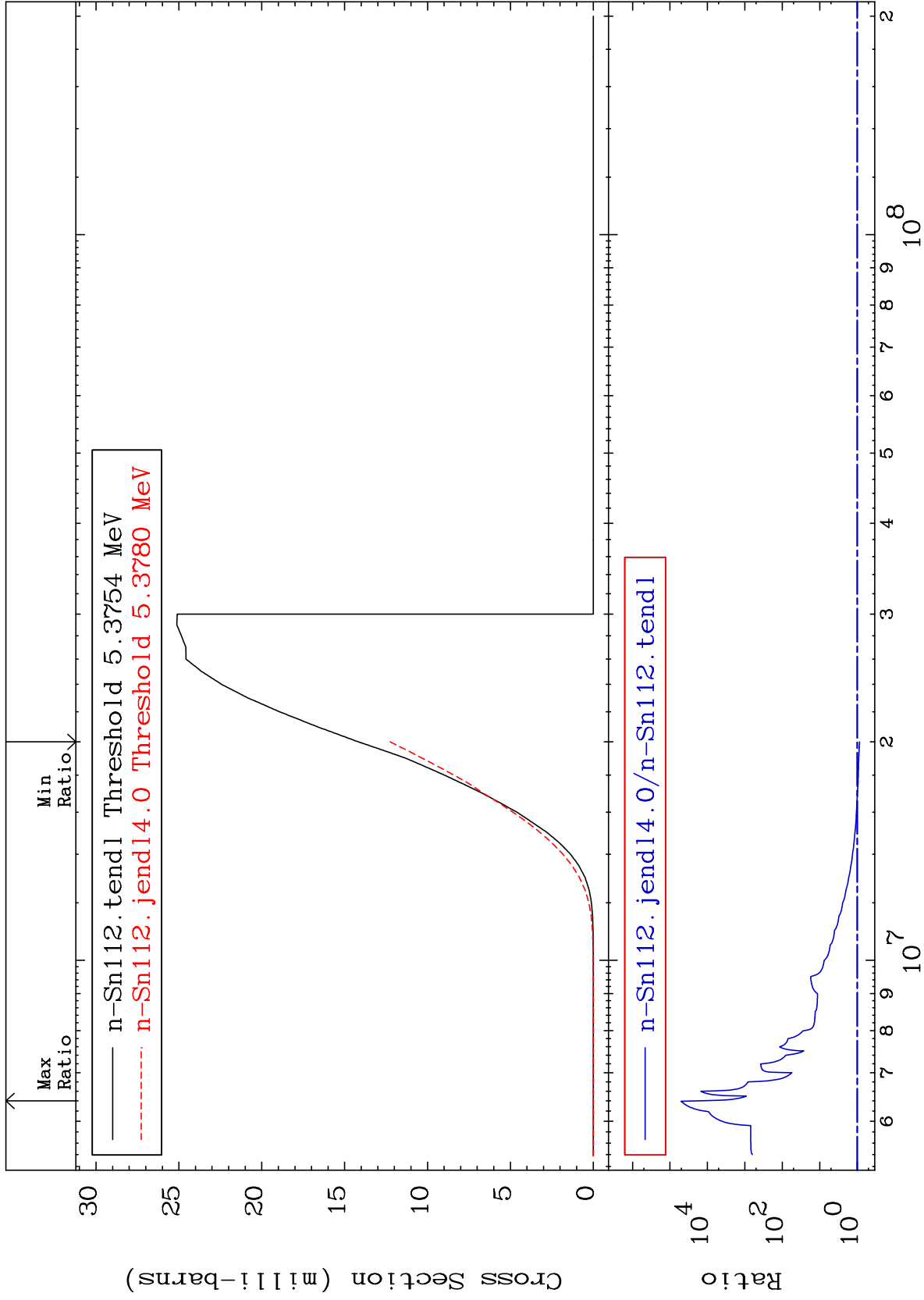
MAT 5025

(n, d)

50-Sn-112

Cross Section

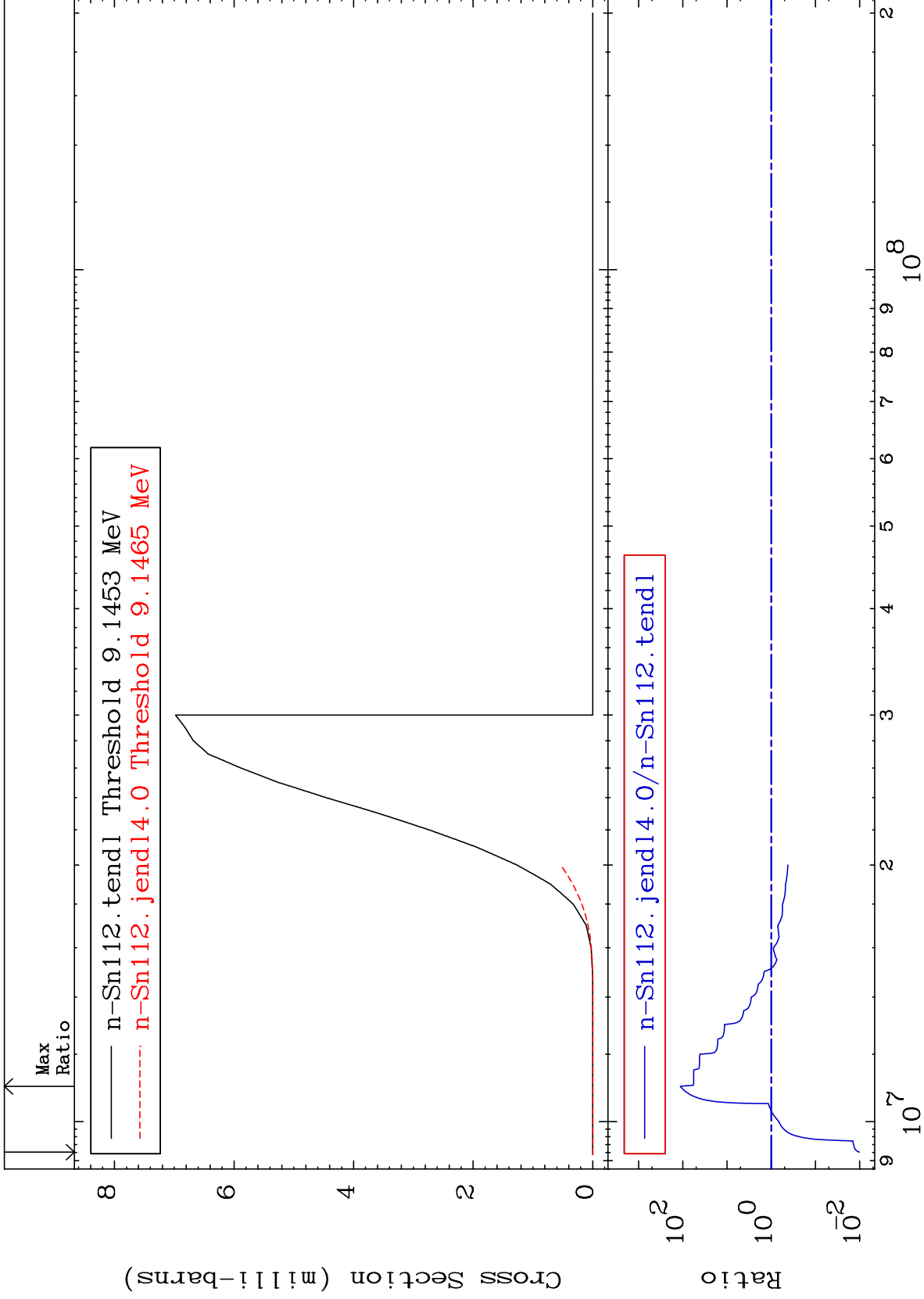
-13.53 To 9999. %



MAT 5025

(n, t)  
Cross Section

50-Sn-112  
-98.99 To 9999. %



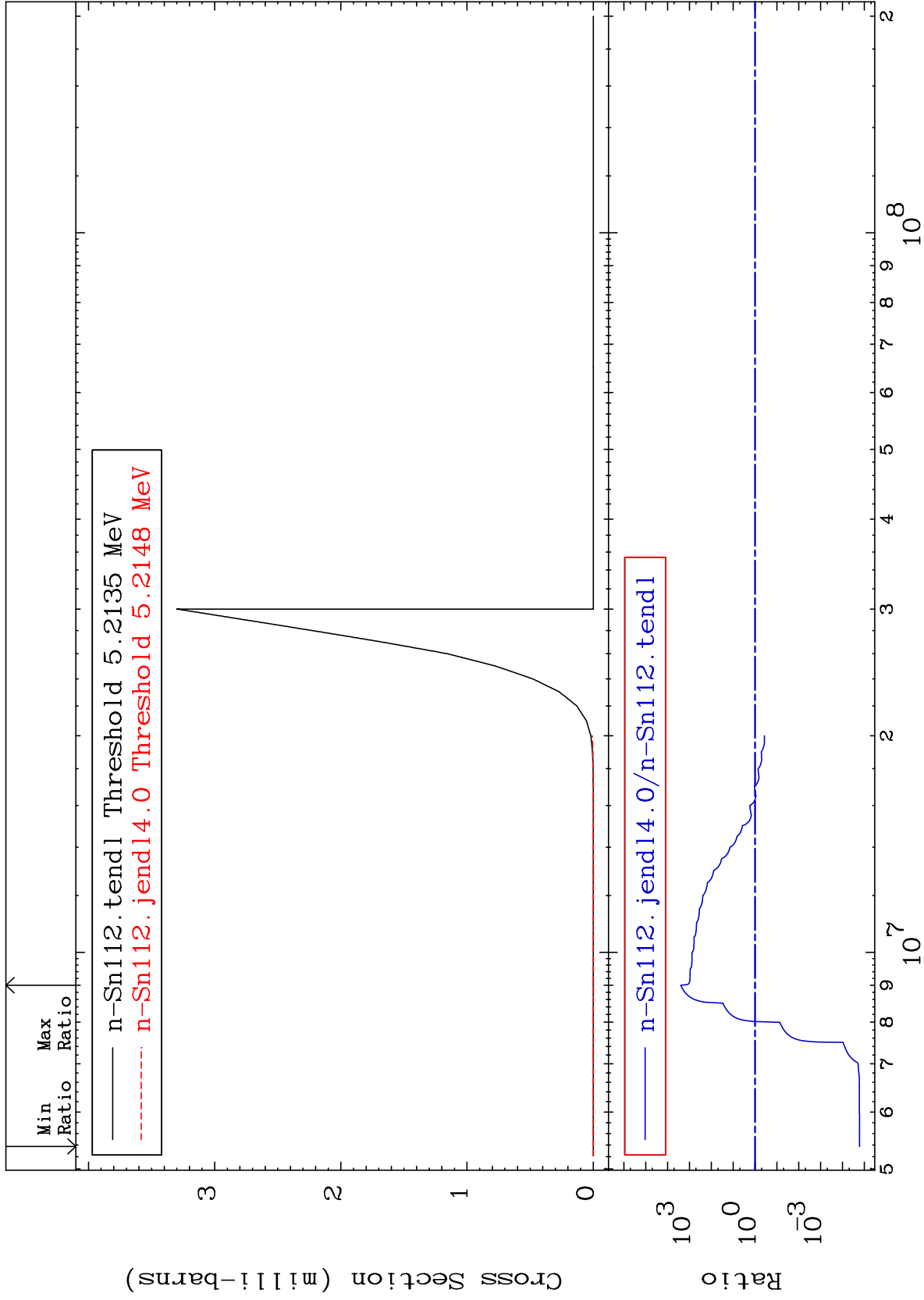
Incident Energy (eV)

50-Sn-112



Cross Section

-100.0 To 9999. %

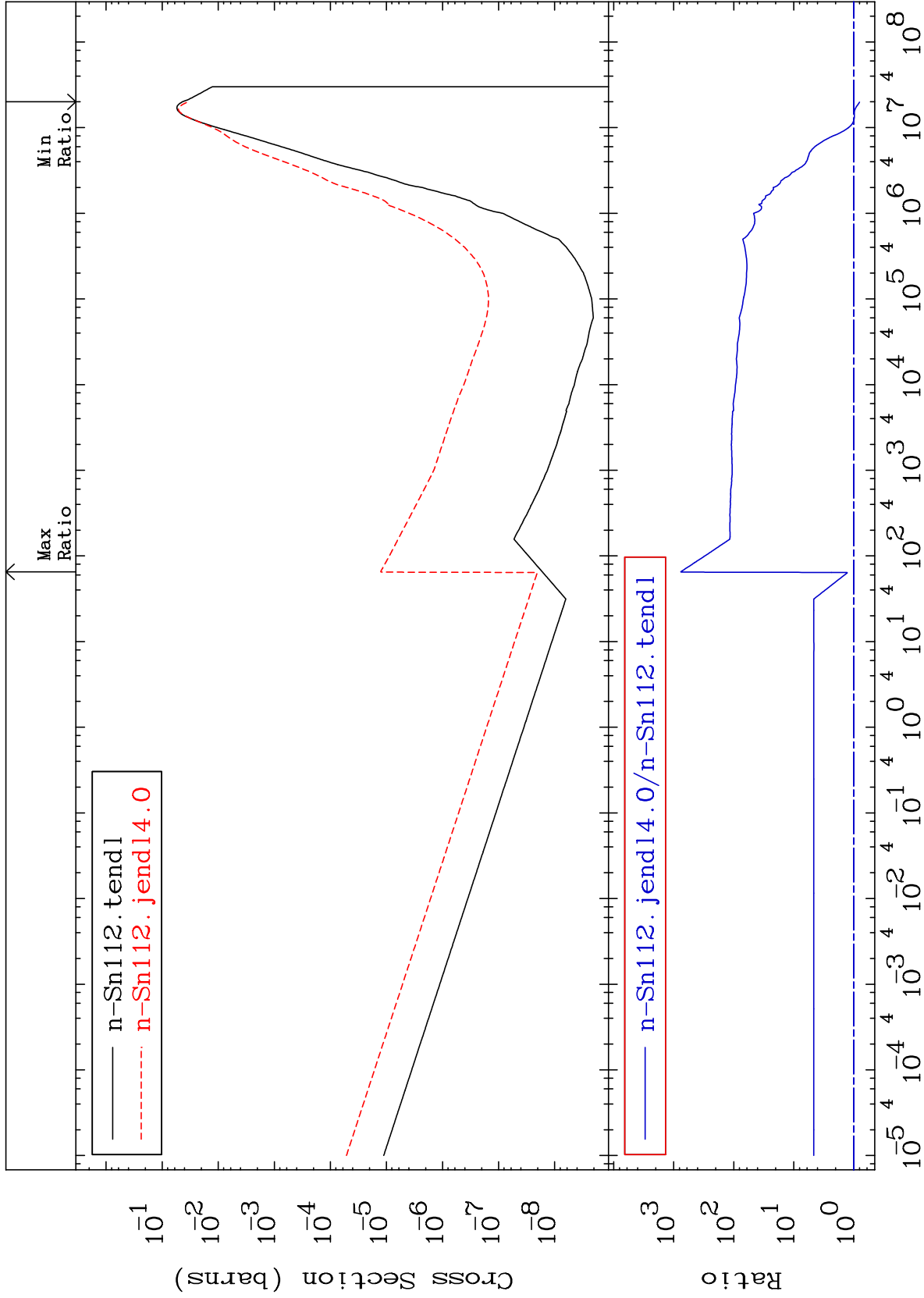


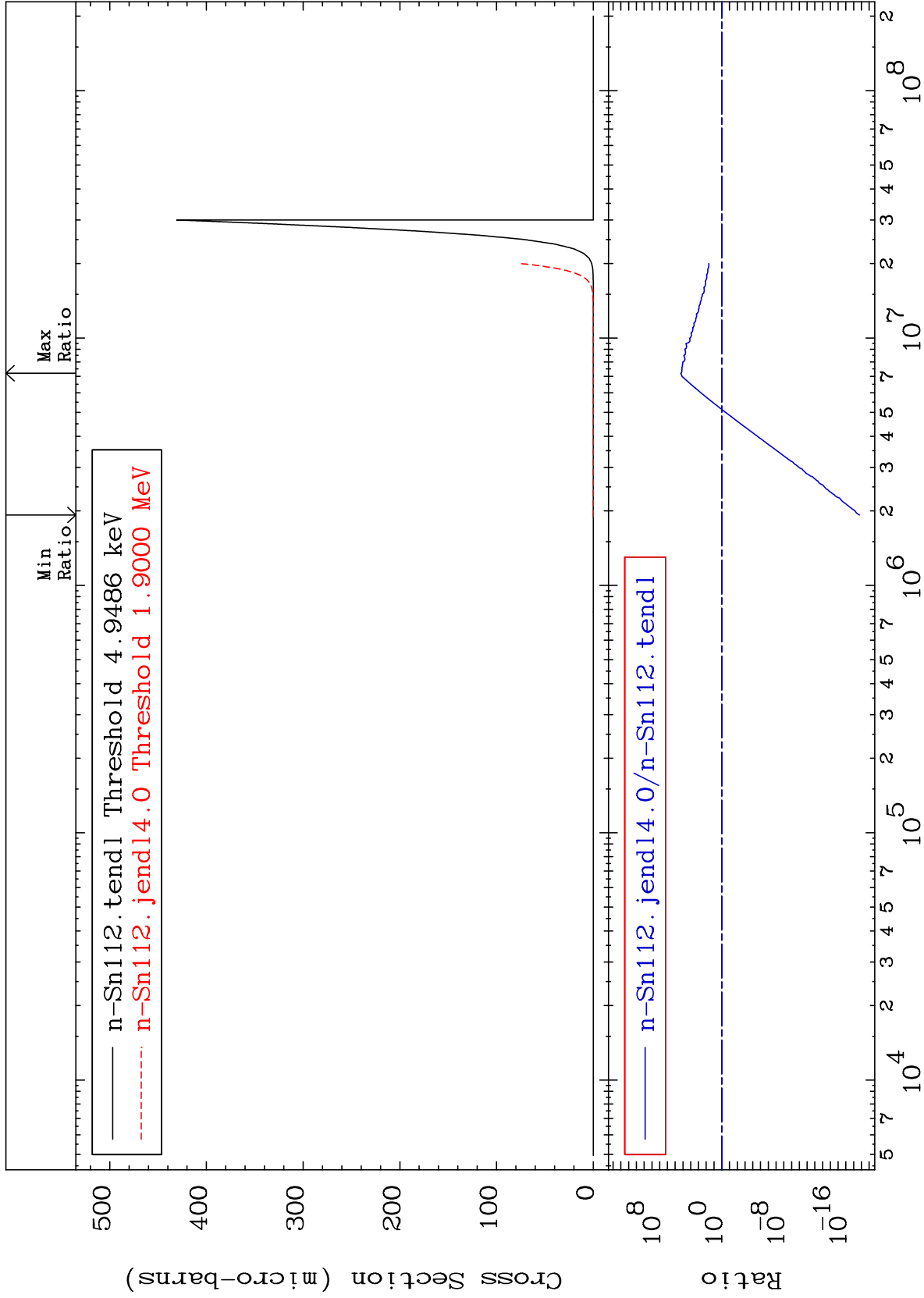
MAT 5025

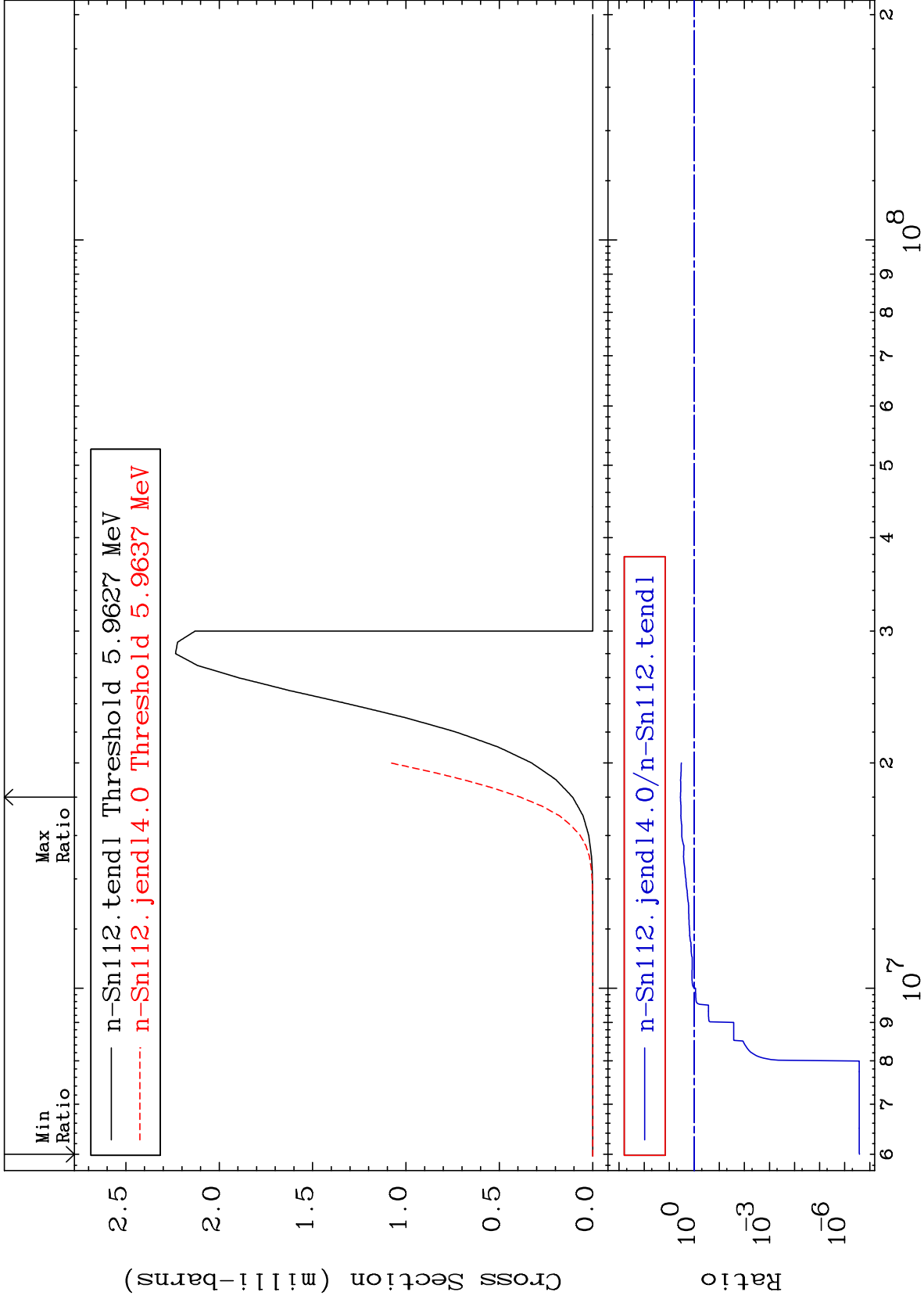
50-Sn-112

-20.24 To 9999. %

(n,  $\alpha$ )  
Cross Section





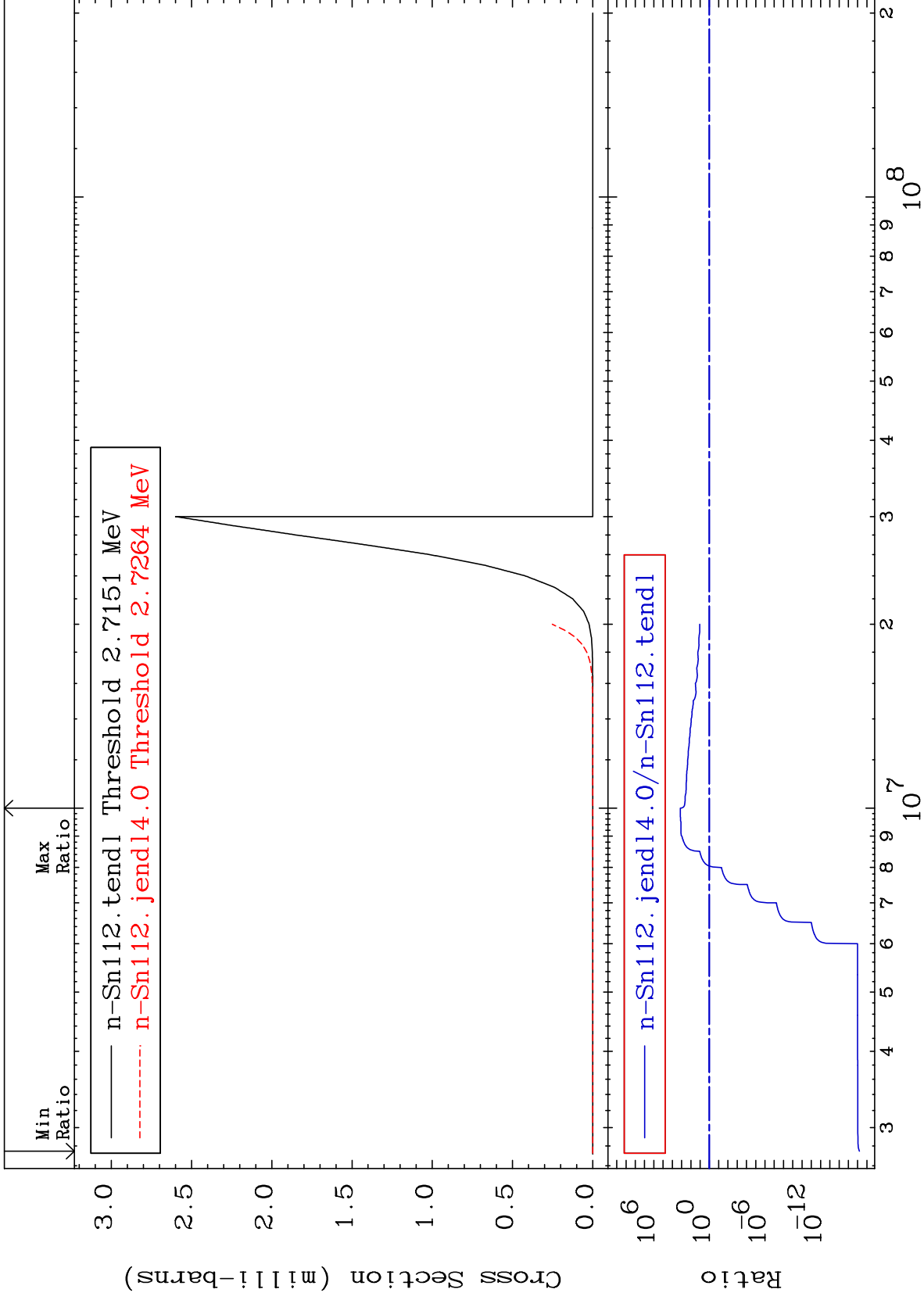


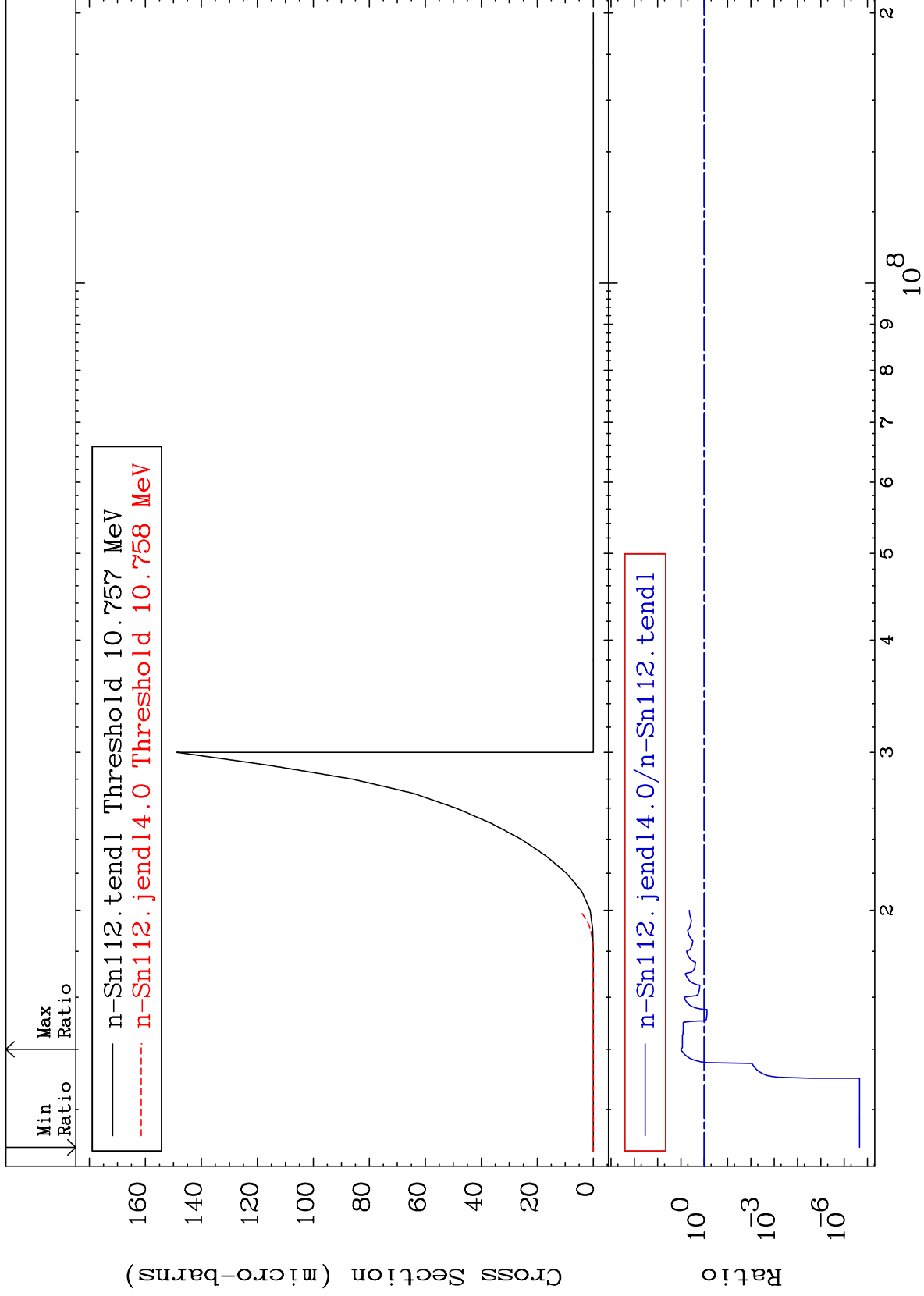
MAT 5025

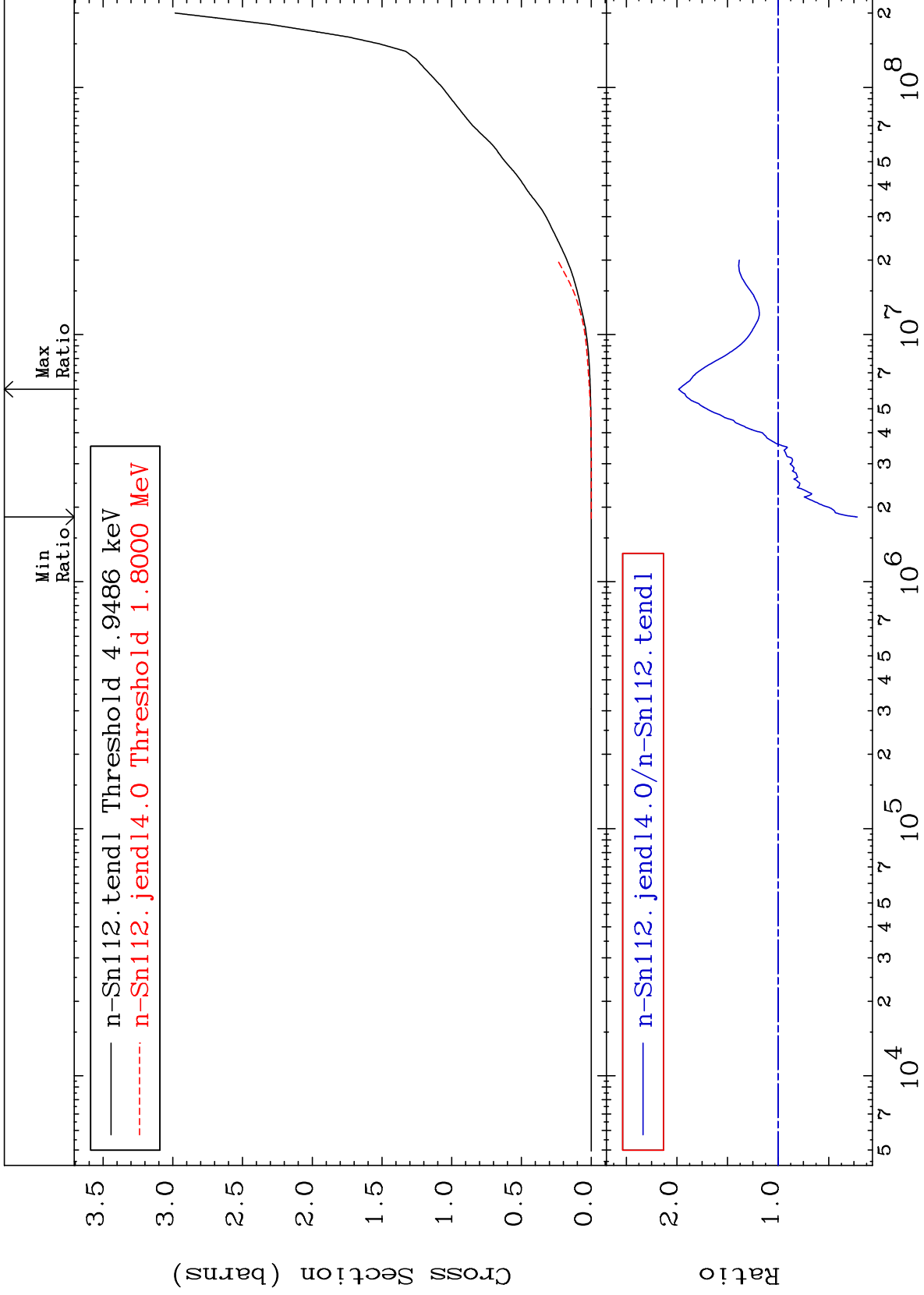
(n,p)  $\alpha$

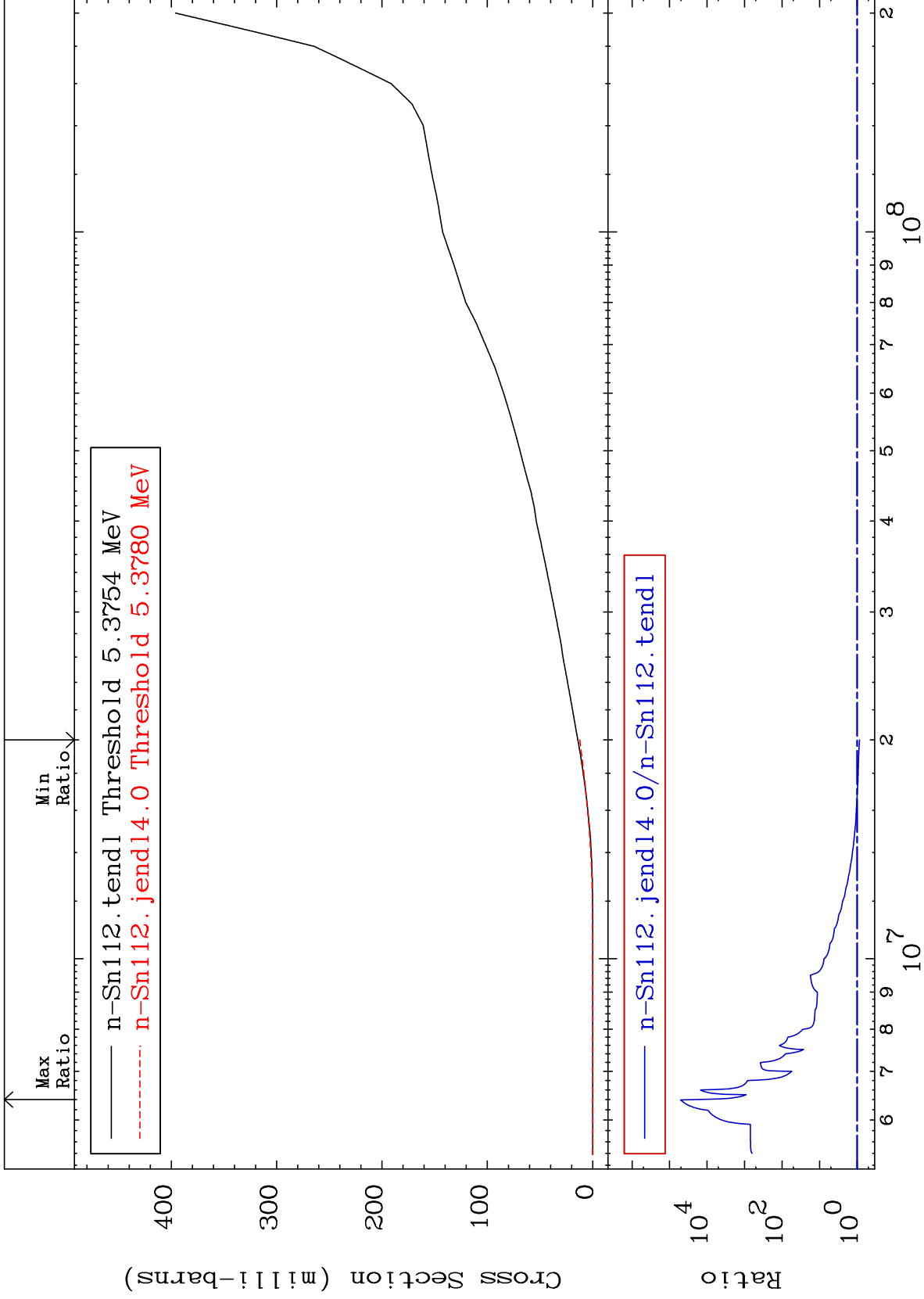
50-Sn-112  
-100.0 To 9999. %

Cross Section







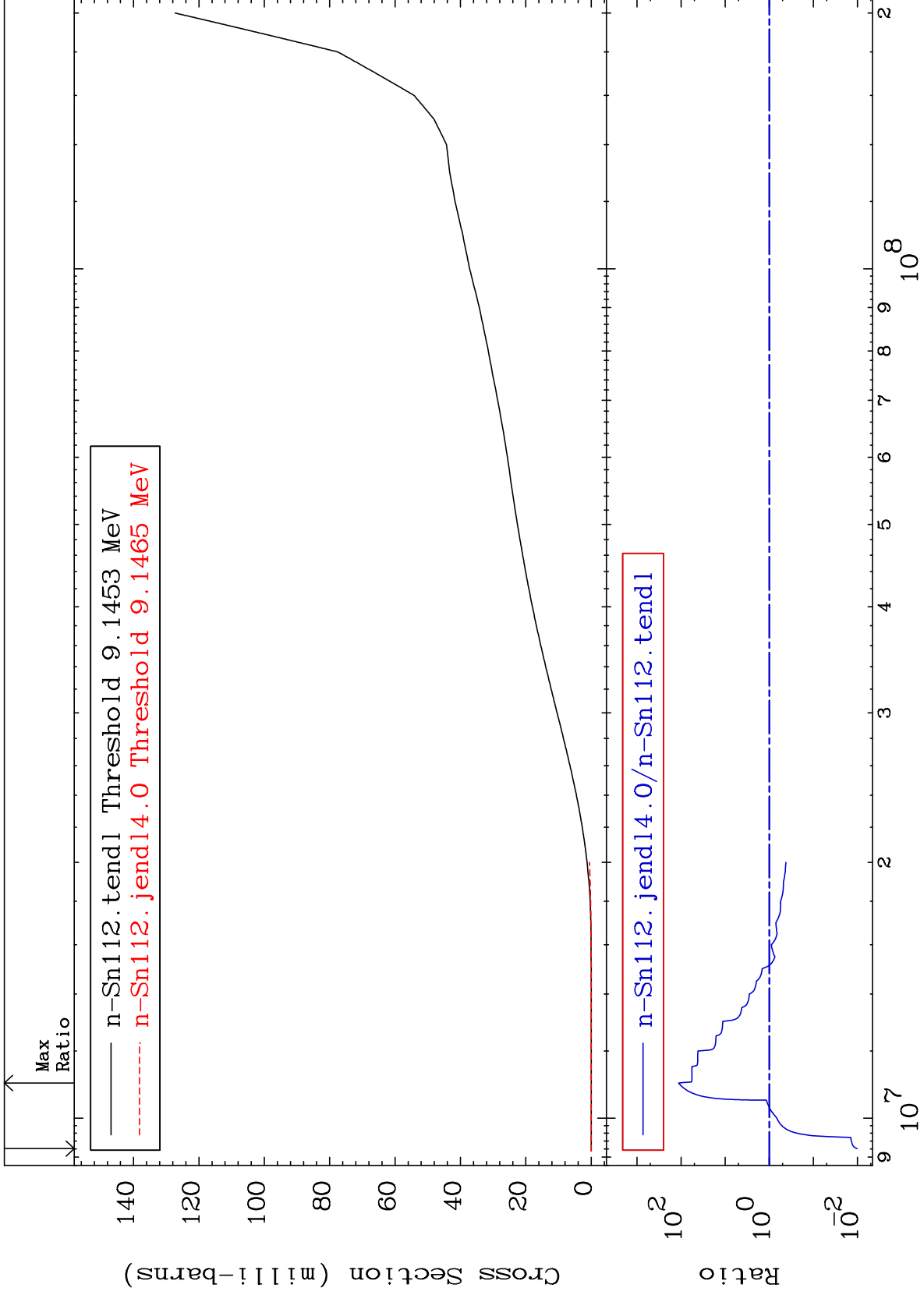




MAT 5025

Tritium Production  
Cross Section

50-Sn-112  
-98.99 To 9999. %



49

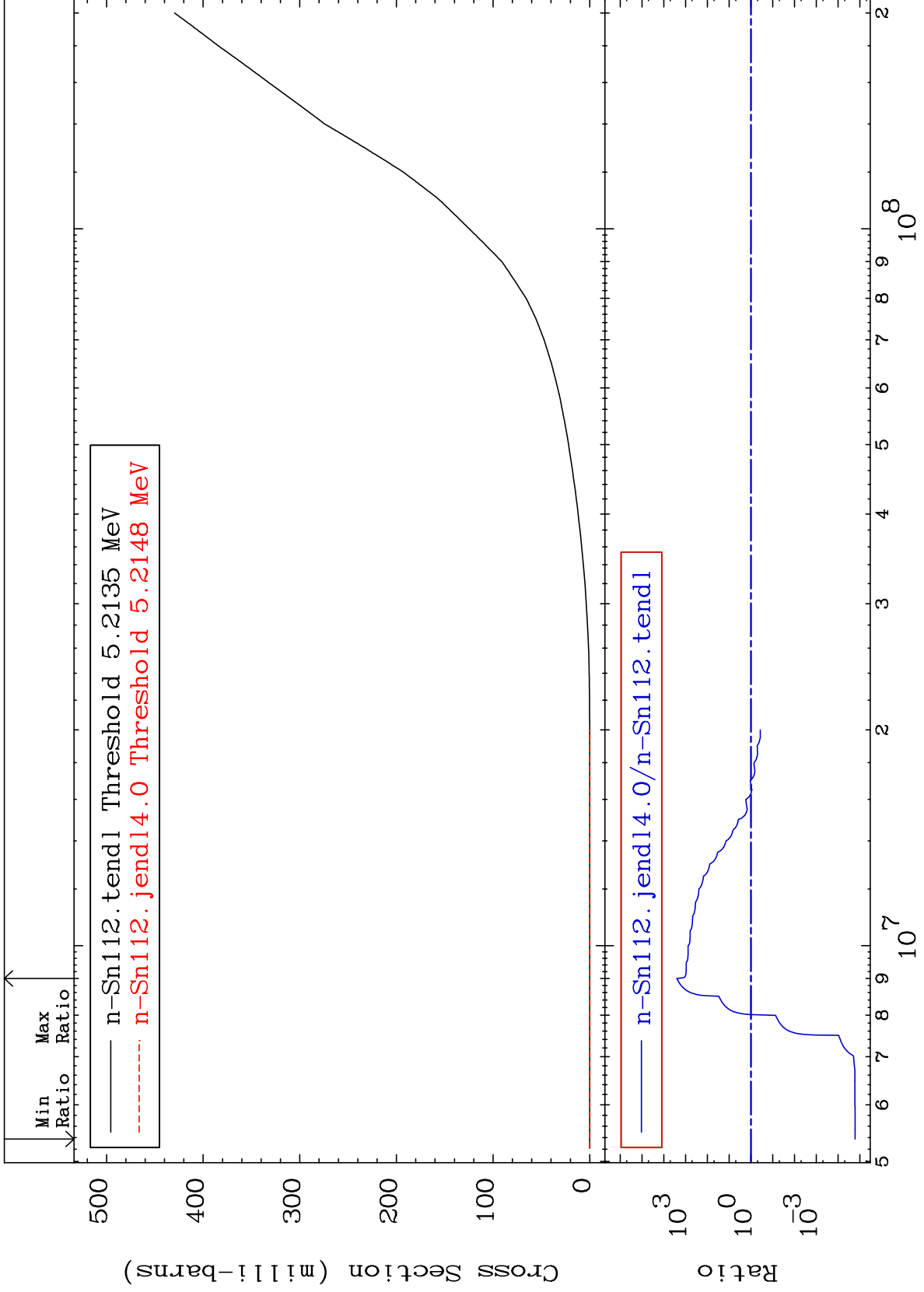
Incident Energy (eV)

50-Sn-112

MAT 5025

He-3 Production  
Cross Section

50-Sn-112  
-100.0 To 9999. %



50

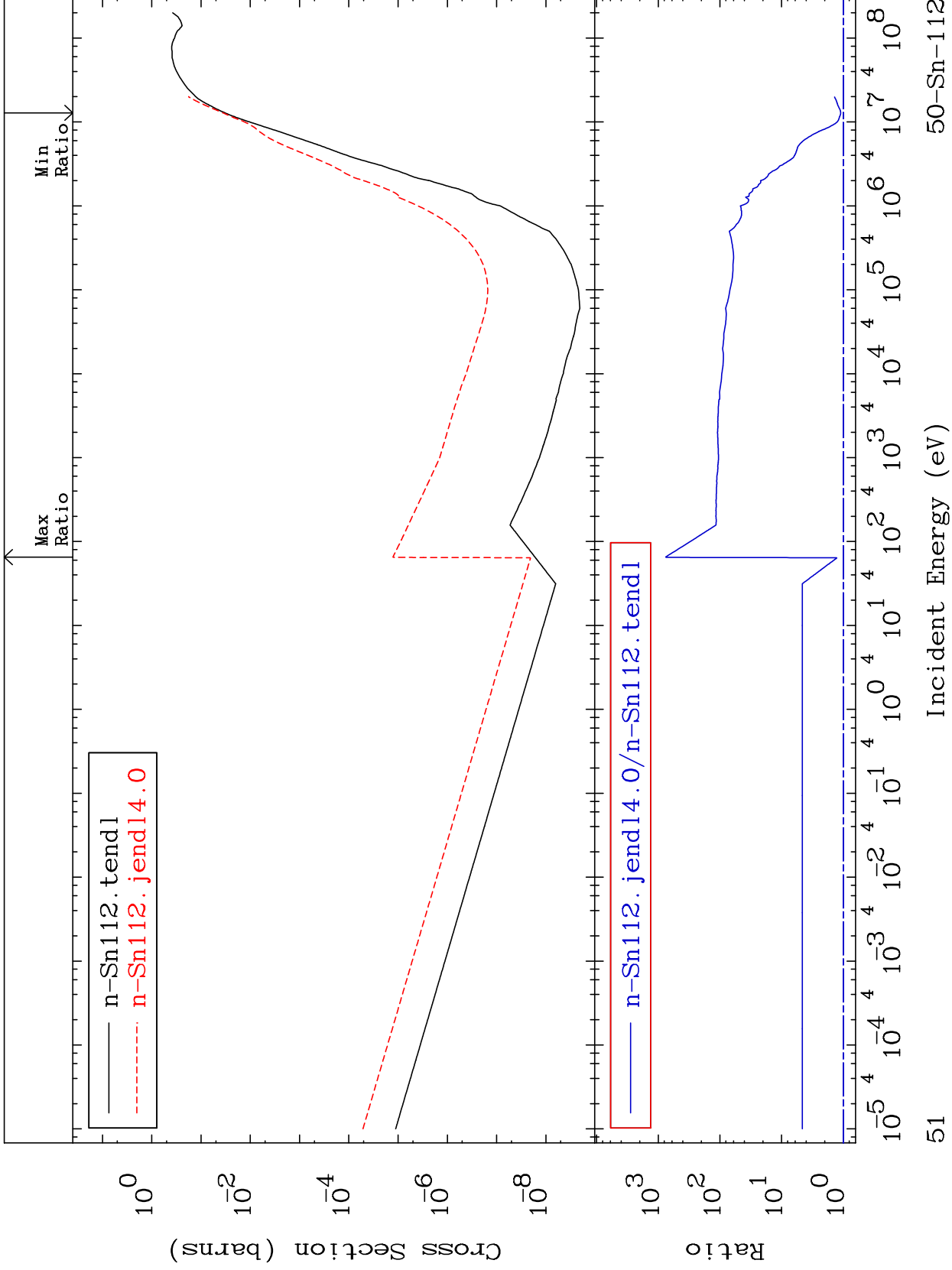
Incident Energy (eV)

50-Sn-112

MAT 5025

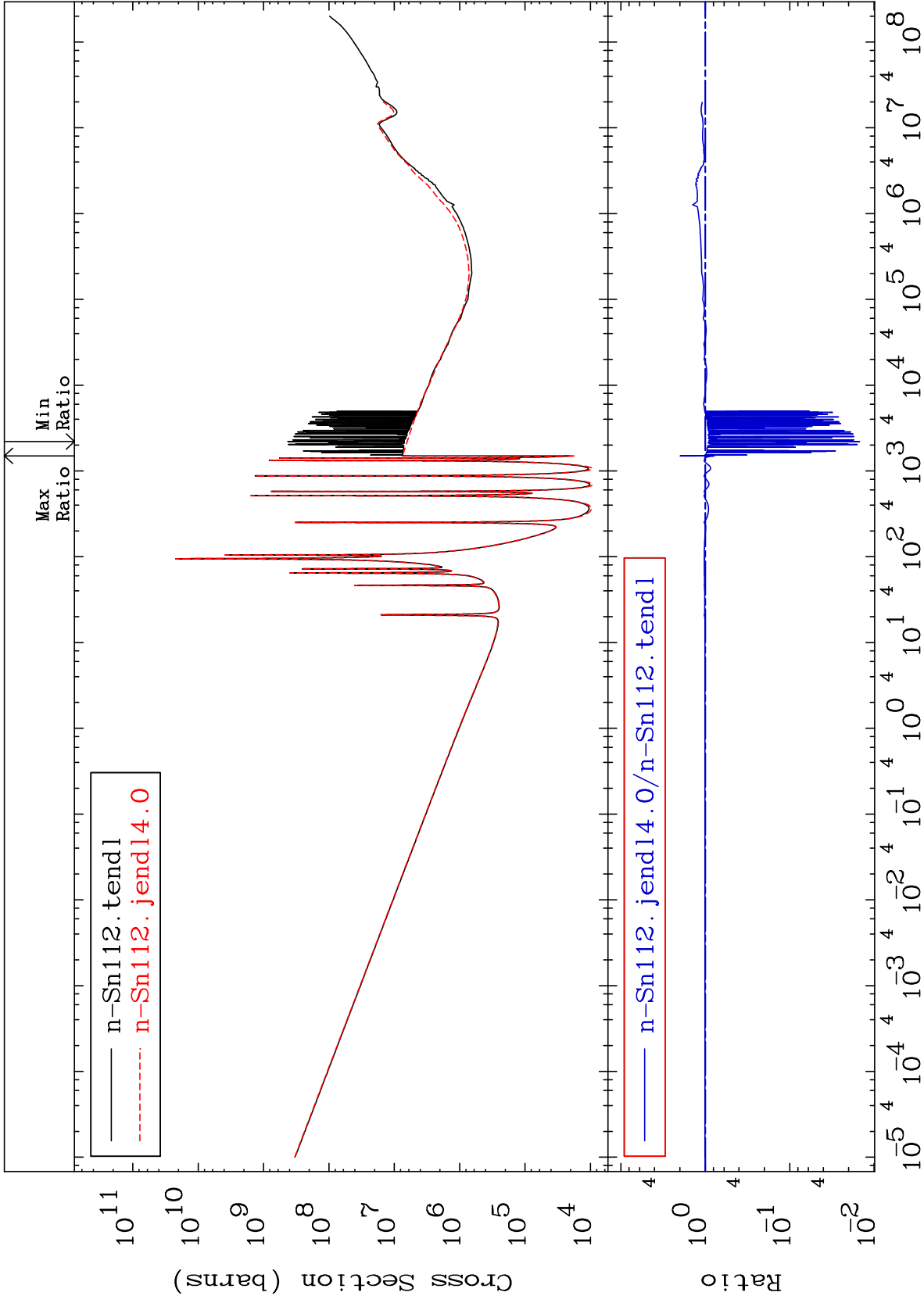
He-4 Production  
Cross Section

50-Sn-112  
To 9999. %



Cross Section

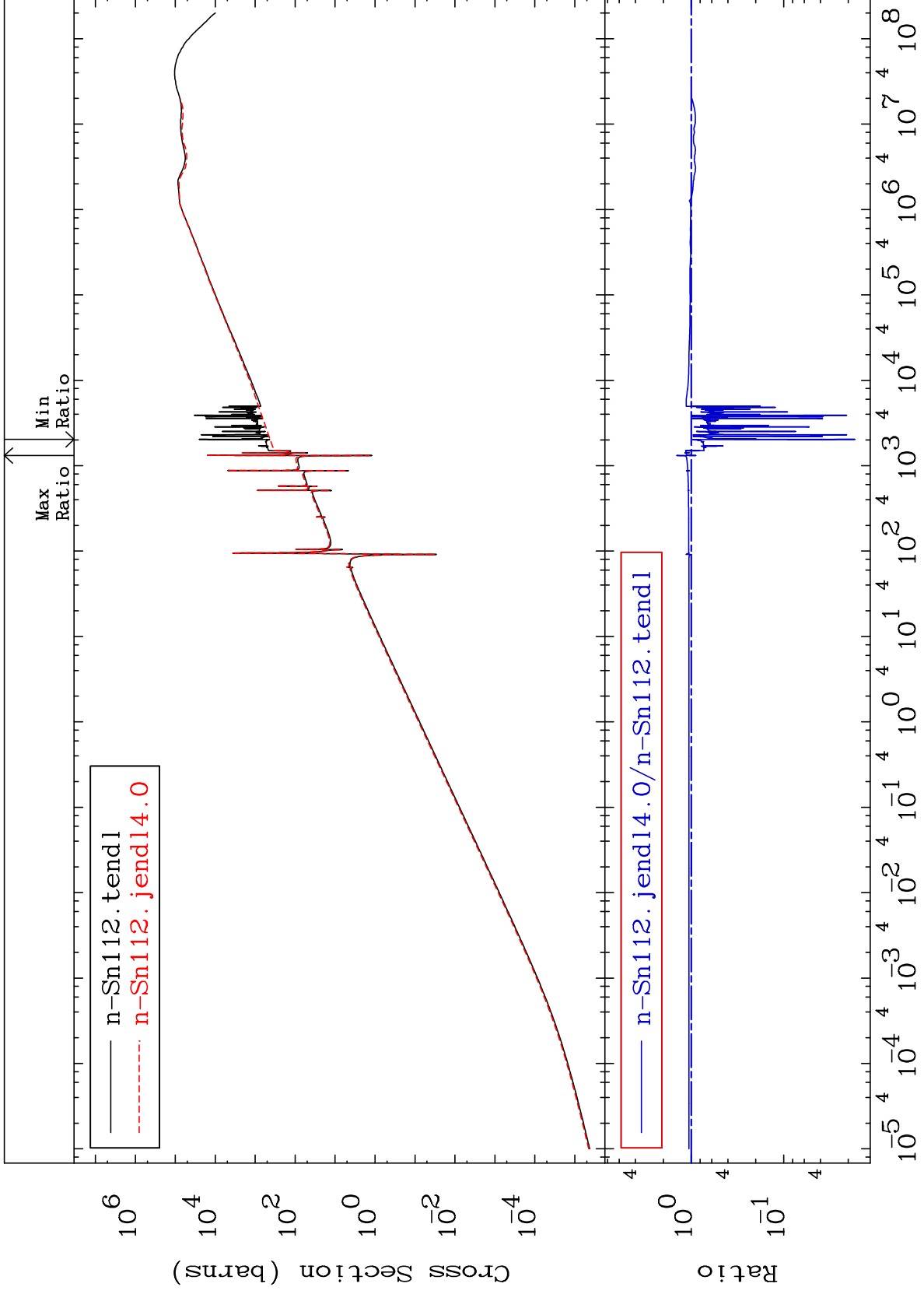
-98.51 To 97.46 %

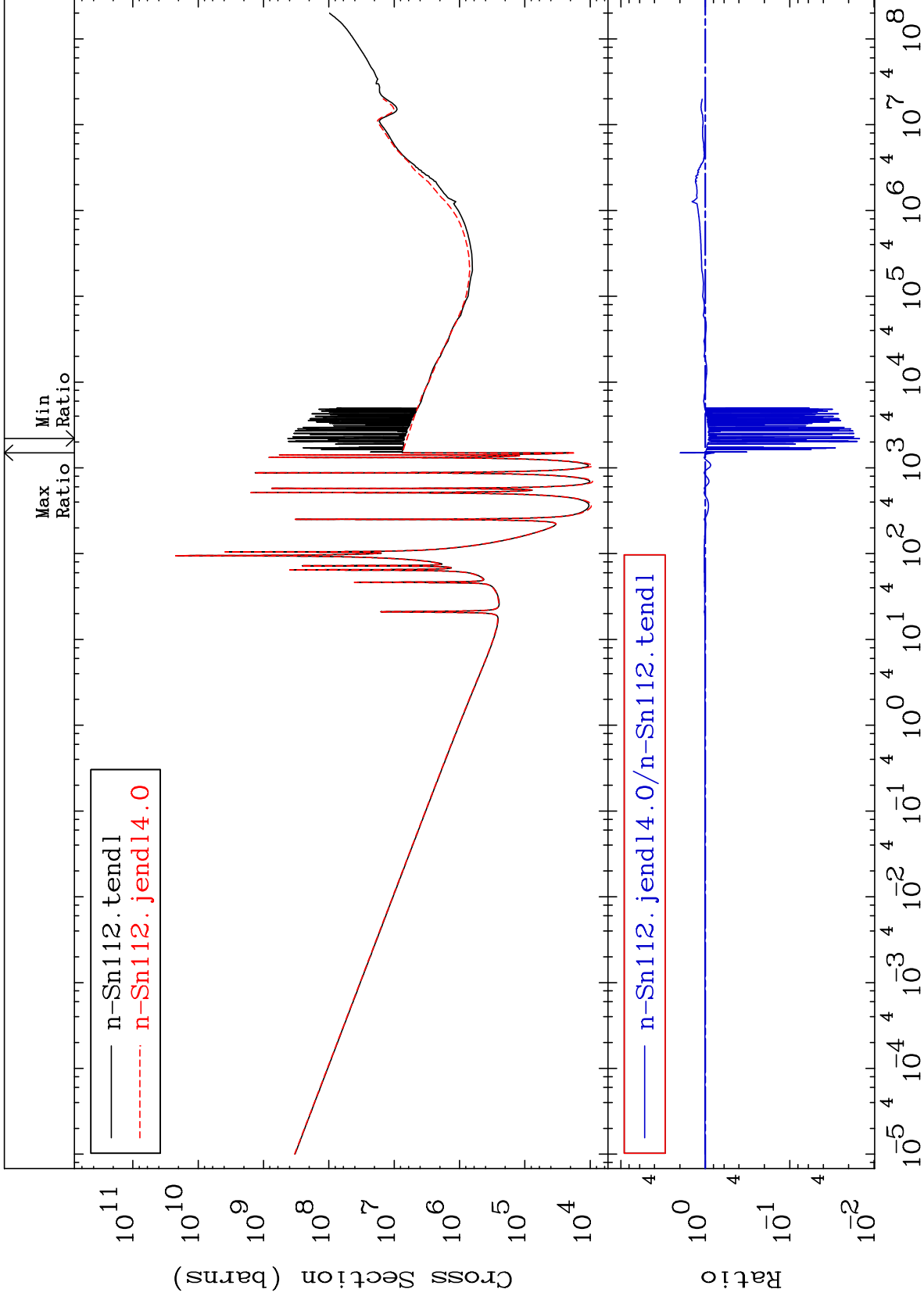


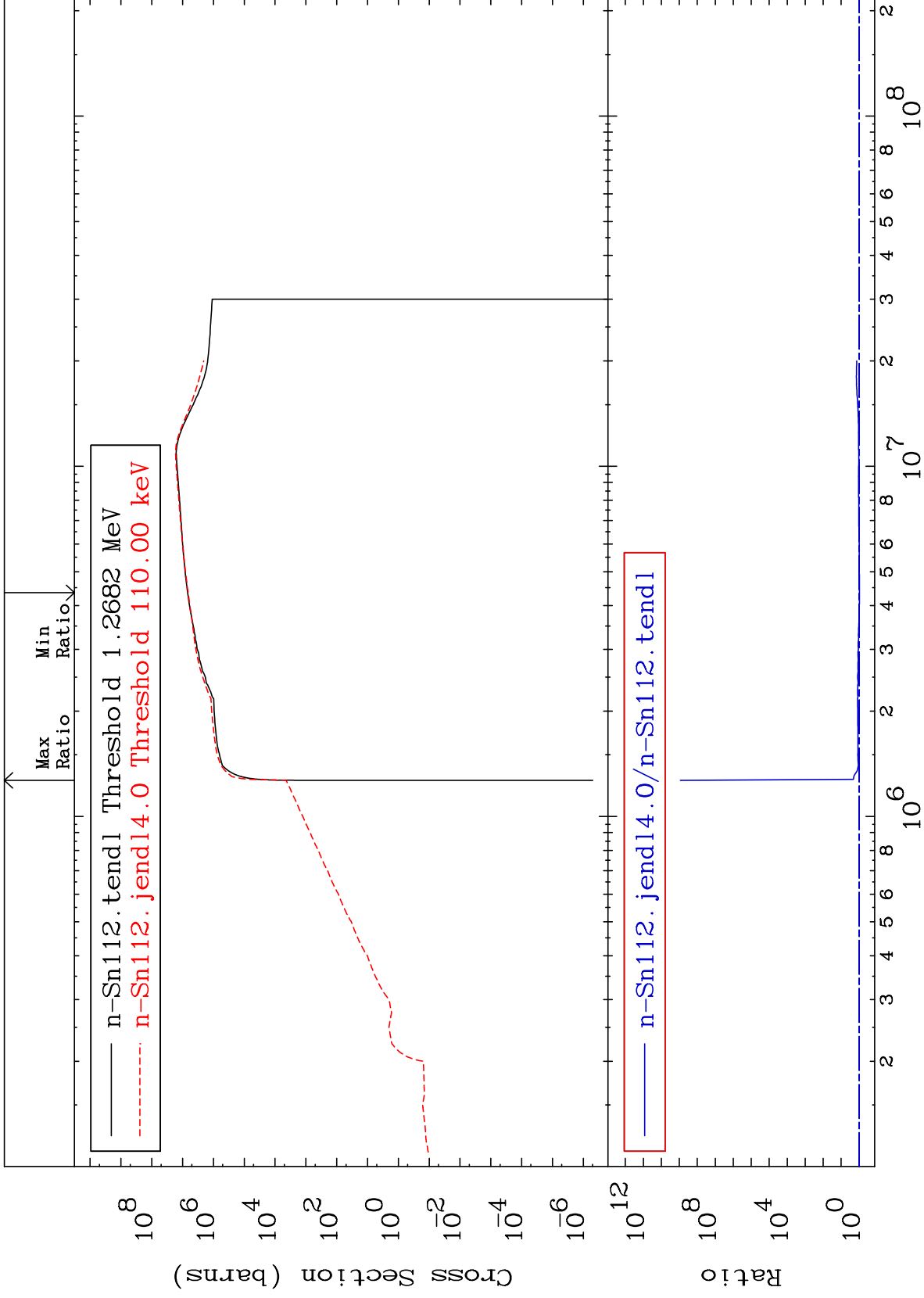
MAT 5025

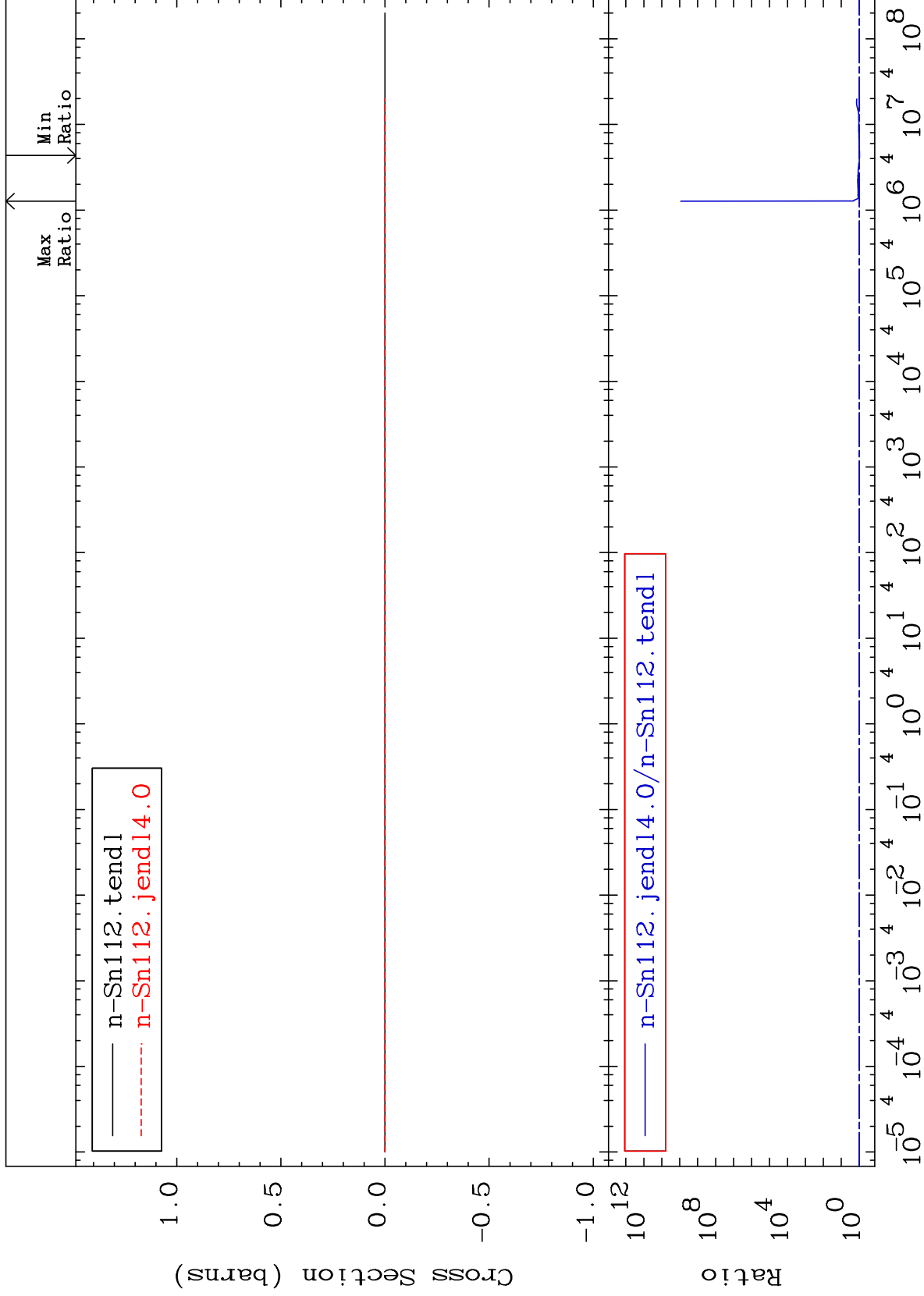
Kerma elastic  
Cross Section

50-Sn-112  
-98.31 To 42.55 %











MAT 5025

Kerma capture (mt102)  
Cross Section

50-Sn-112  
-98.51 To 286.7 %

