

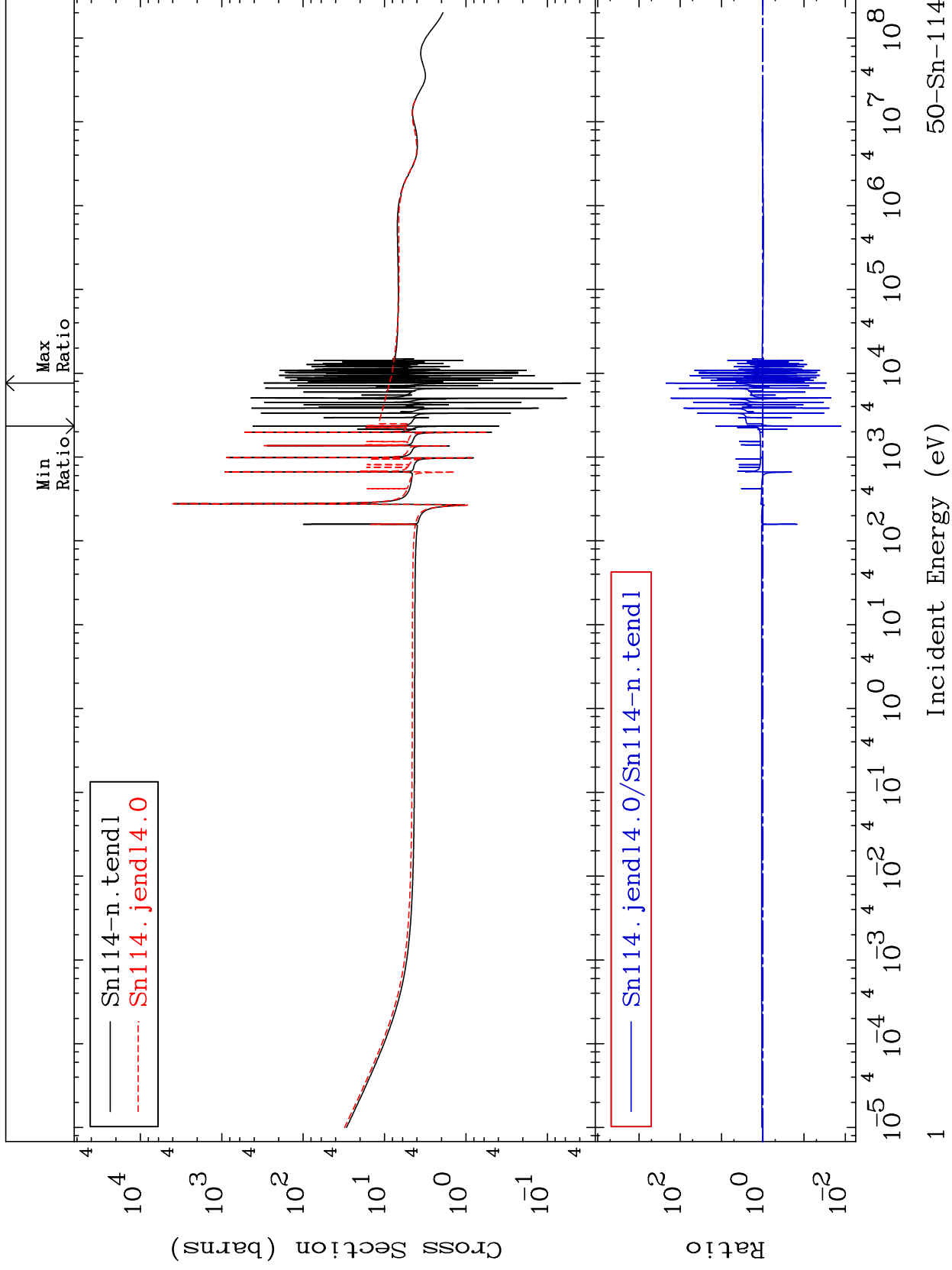
MAT 5031

Total

50-Sn-114

Cross Section

-98.72 To 9999. %



Incident Energy (eV)

50-Sn-114

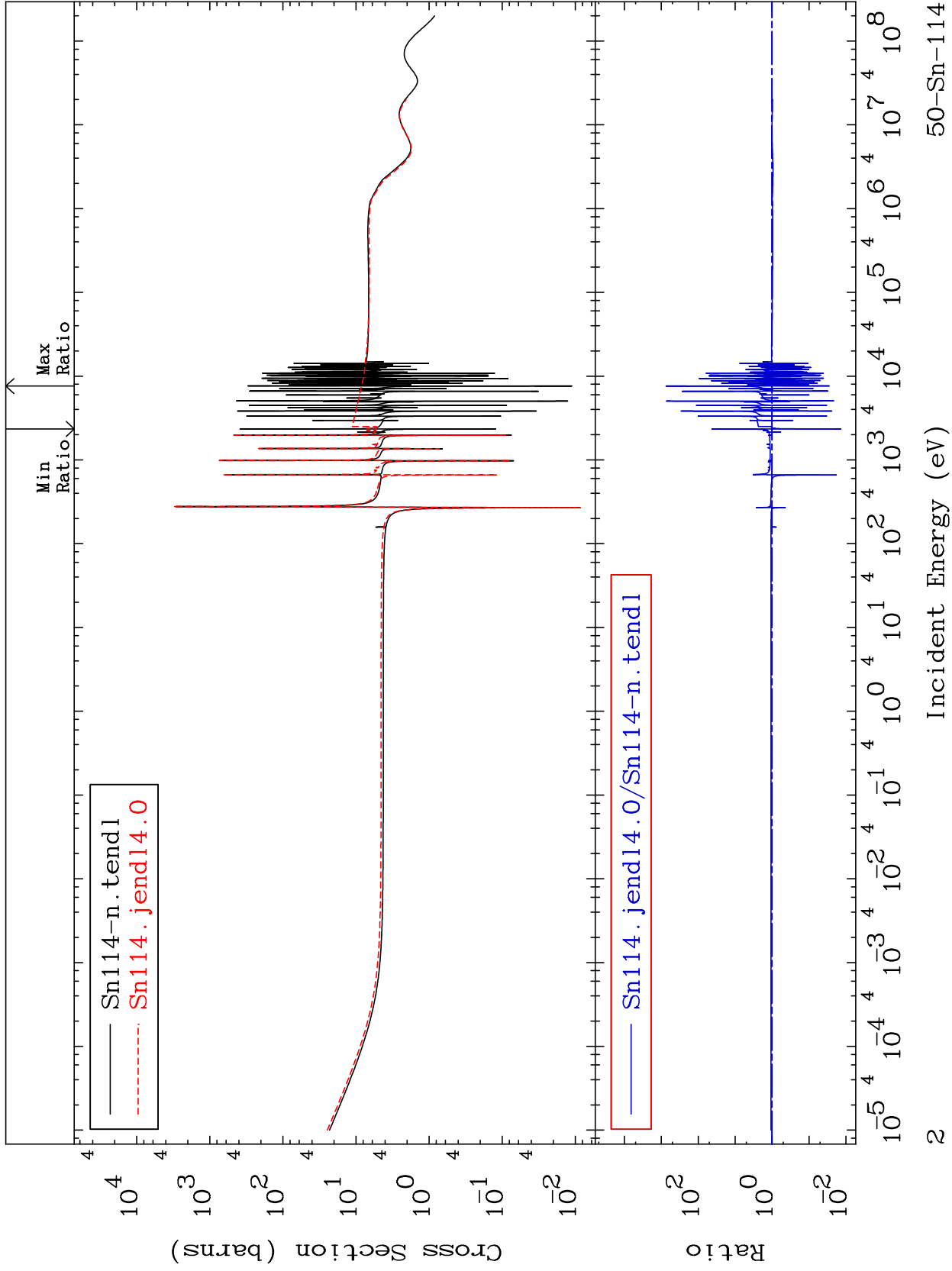
MAT 5031

Elastic

50-Sn-114

Cross Section

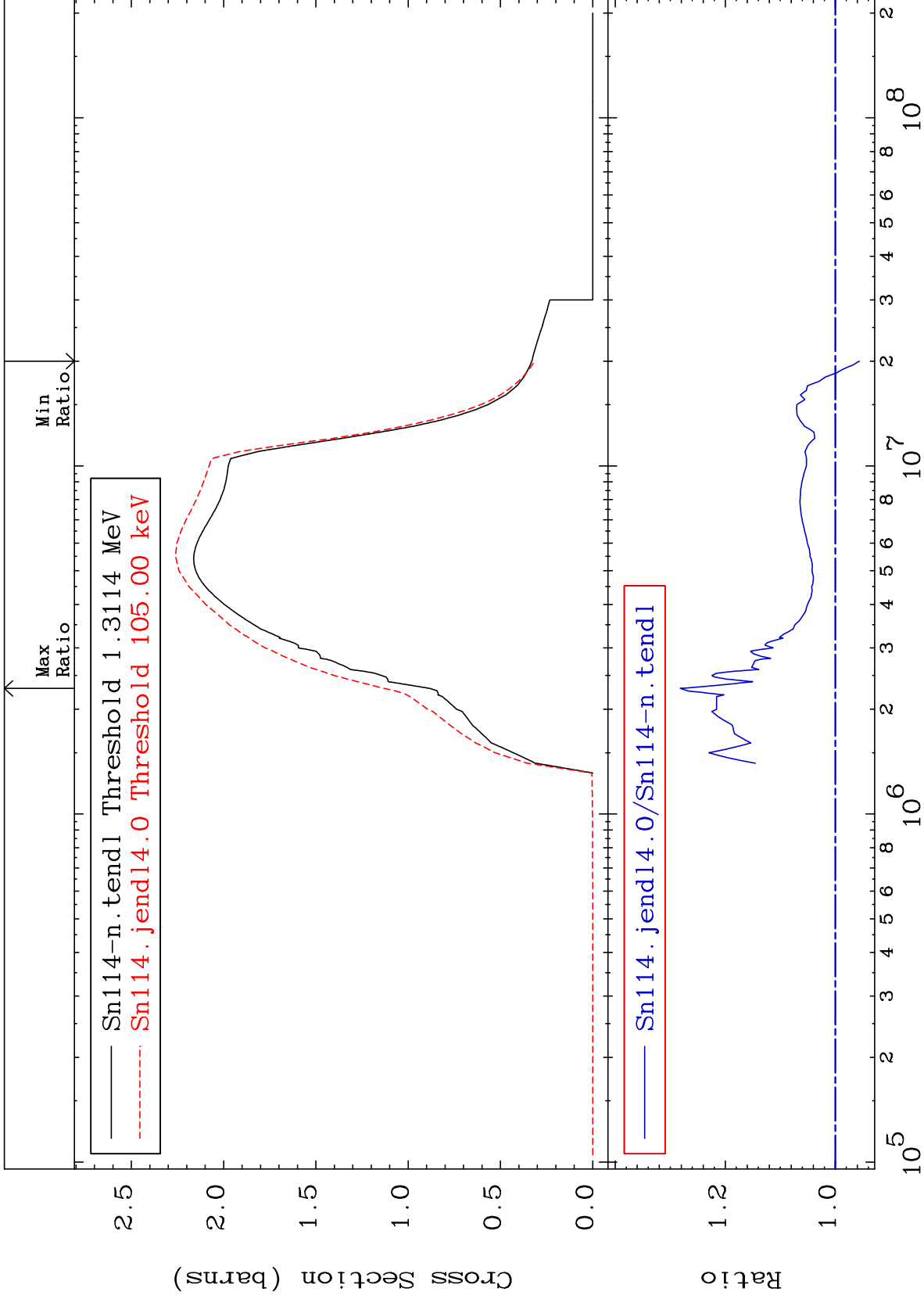
-98.63 To 9999. %



MAT 5031

Inelastic  
Cross Section

50-Sn-114  
-4.384 To 28.16 %



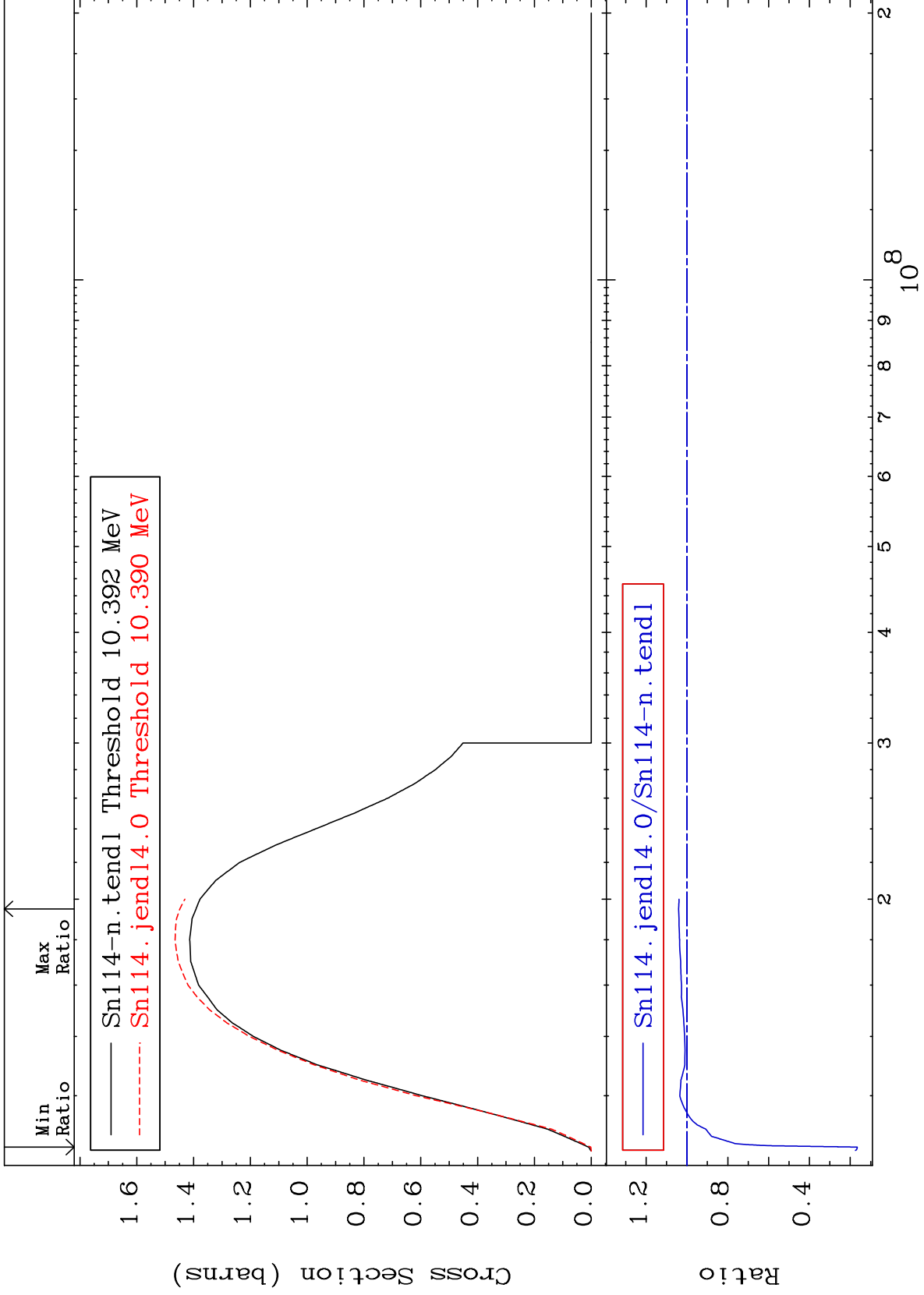
Incident Energy (eV)

50-Sn-114

MAT 5031

(n,2n)  
Cross Section

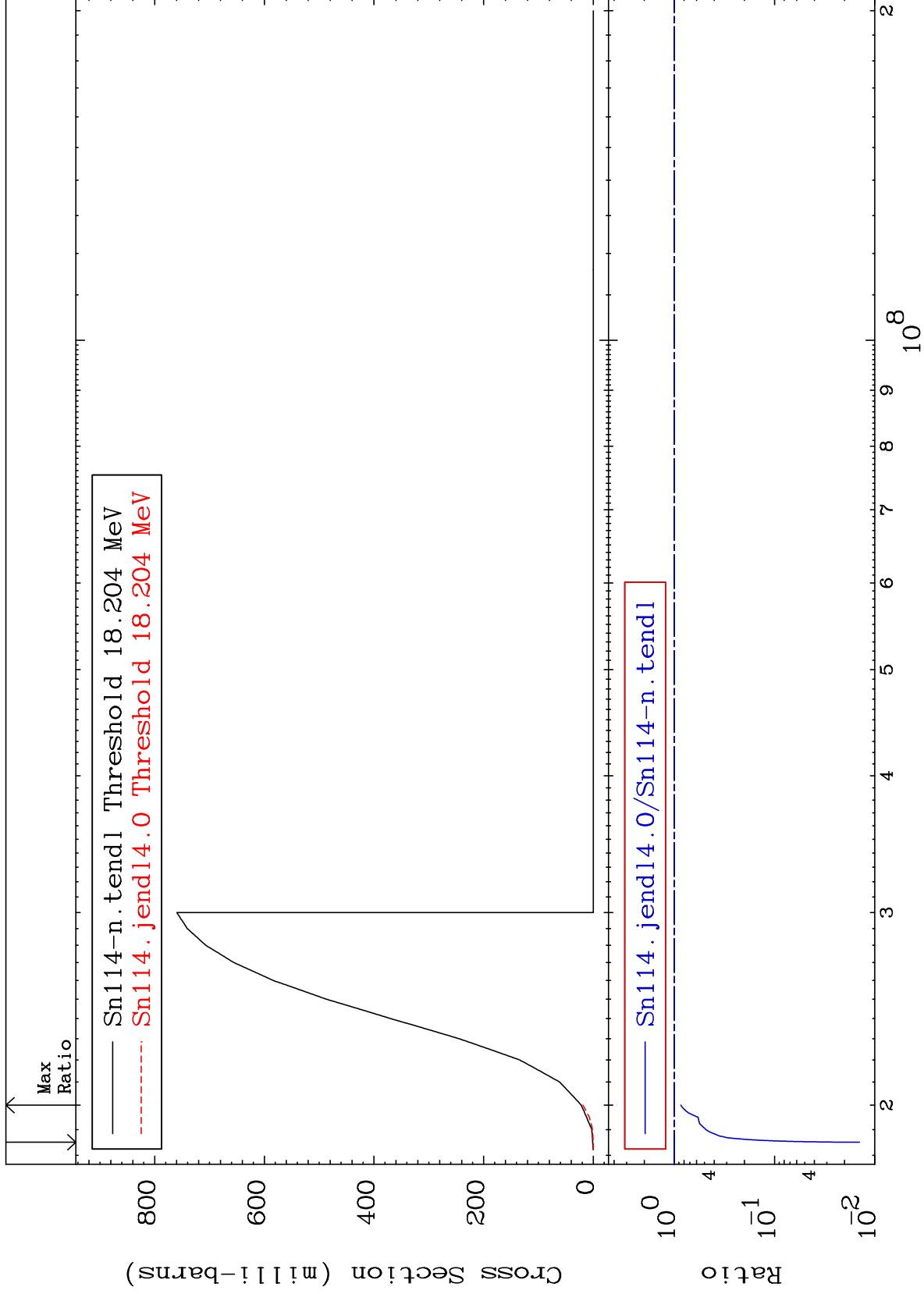
50-Sn-114  
-83.43 To 4.090 %



MAT 5031

(n,3n)  
Cross Section

50-Sn-114  
-98.58 To -13.70%



5

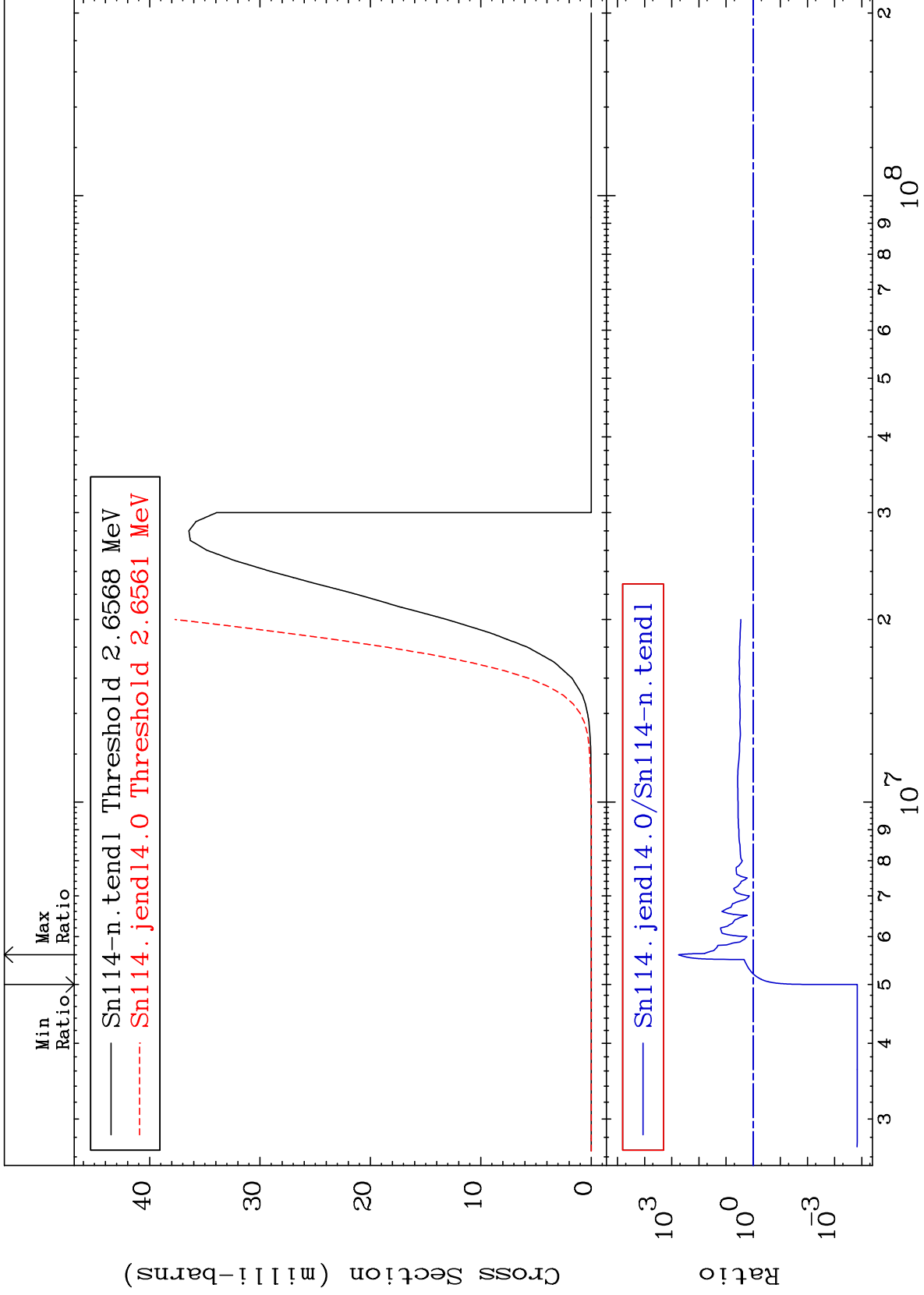
Incident Energy (eV)

50-Sn-114

MAT 5031

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

50-Sn-114  
-99.99 To 9999. %



6

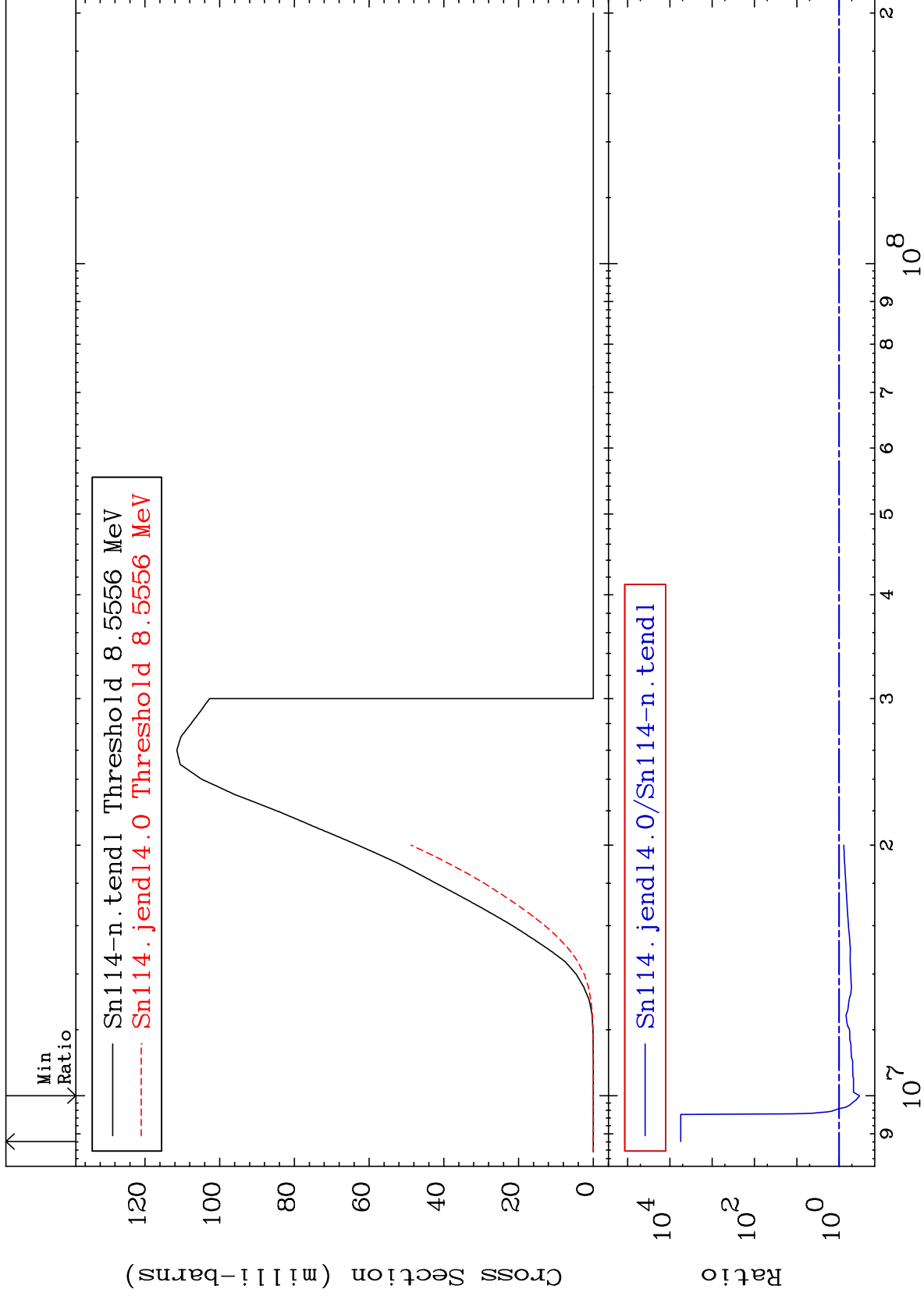
Incident Energy (eV)

50-Sn-114

MAT 5031

(n,n') p  
Cross Section

50-Sn-114  
-67.13 To 9999. %



7

Incident Energy (eV)

50-Sn-114

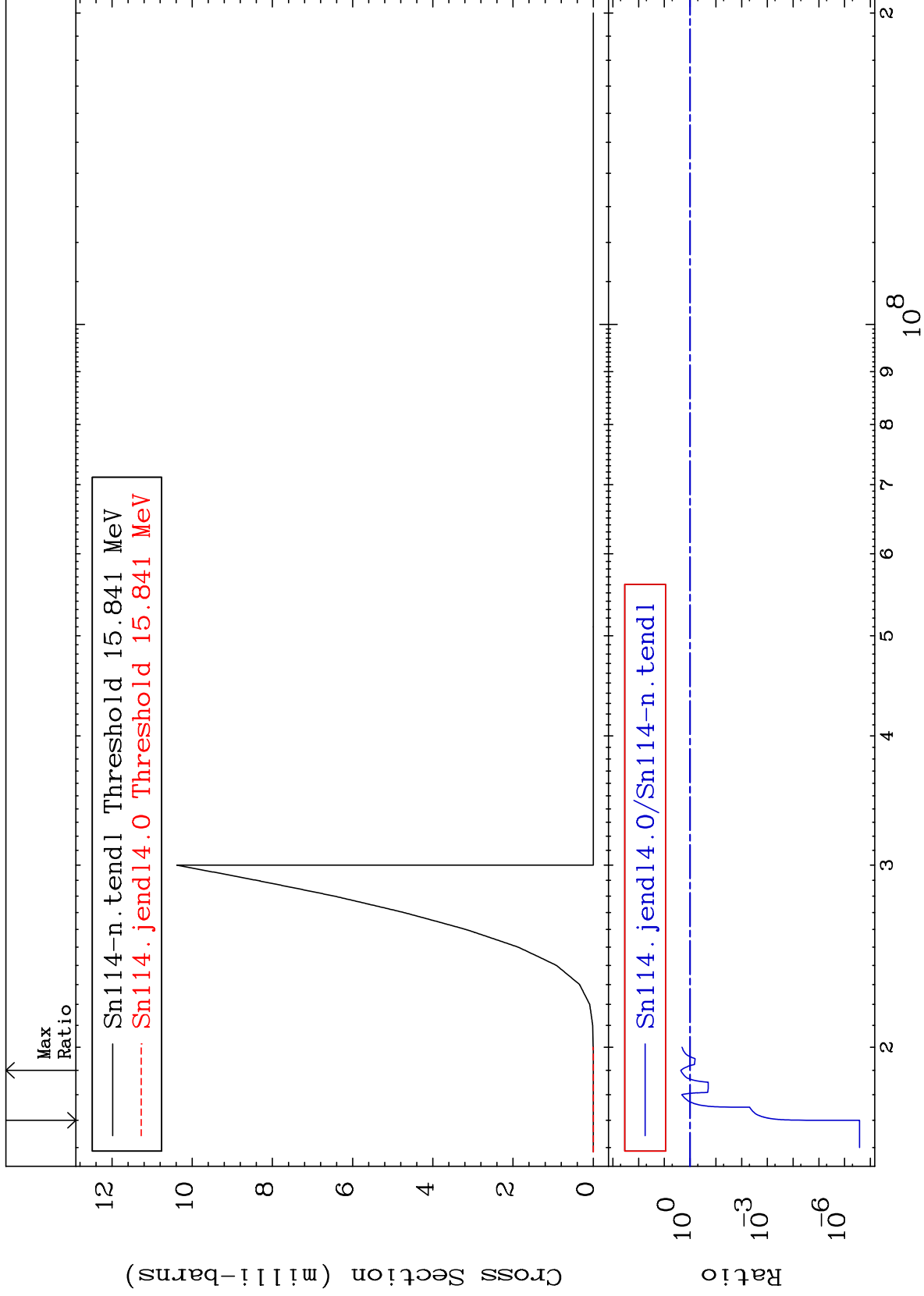
MAT 5031

(n,n') d

50-Sn-114

Cross Section

-100.0 To 130.4 %

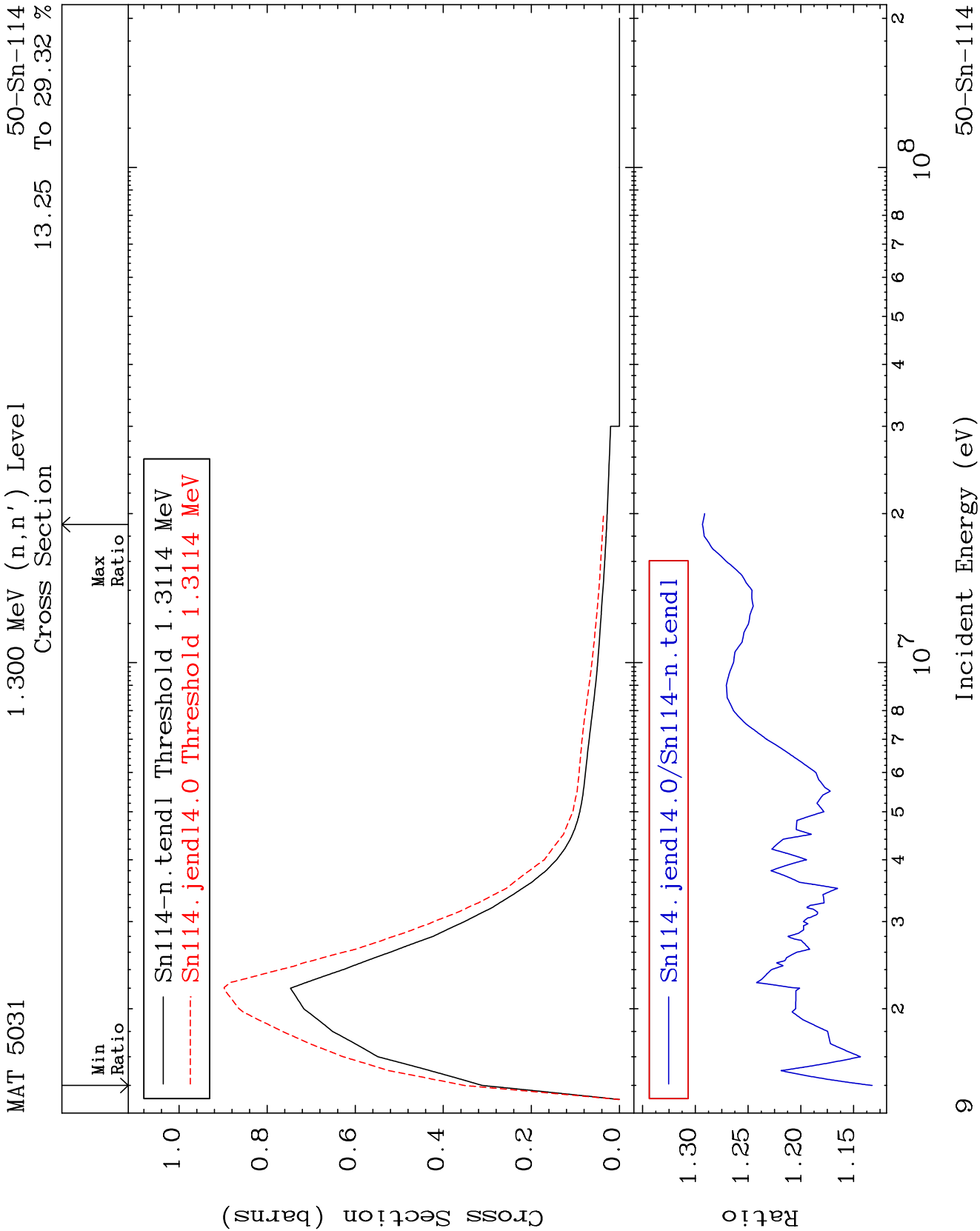


8

Incident Energy (eV)

50-Sn-114





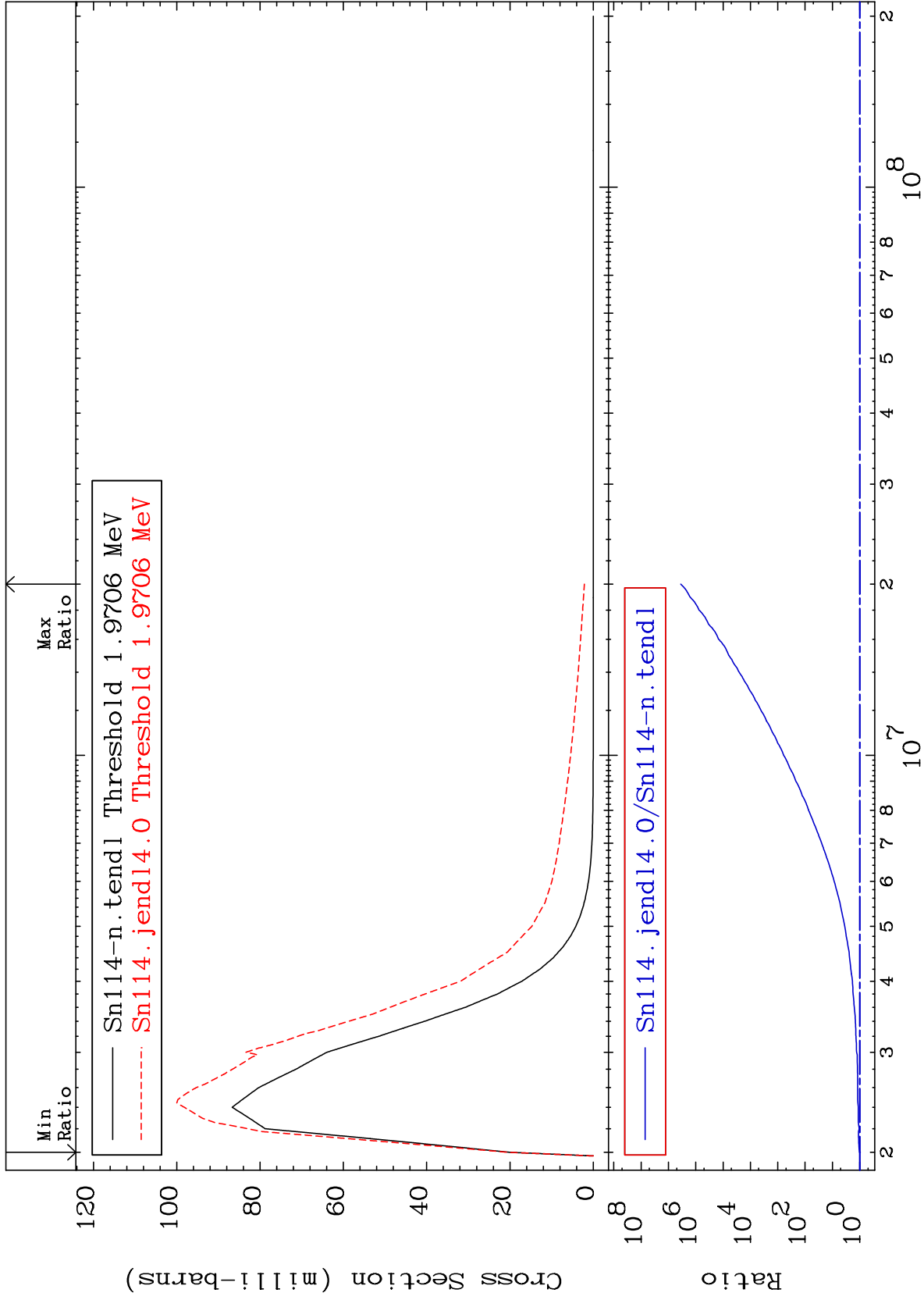
MAT 5031

1.953 MeV (n,n') Level

50-Sn-114

1.780 To 9999. %

Cross Section



10

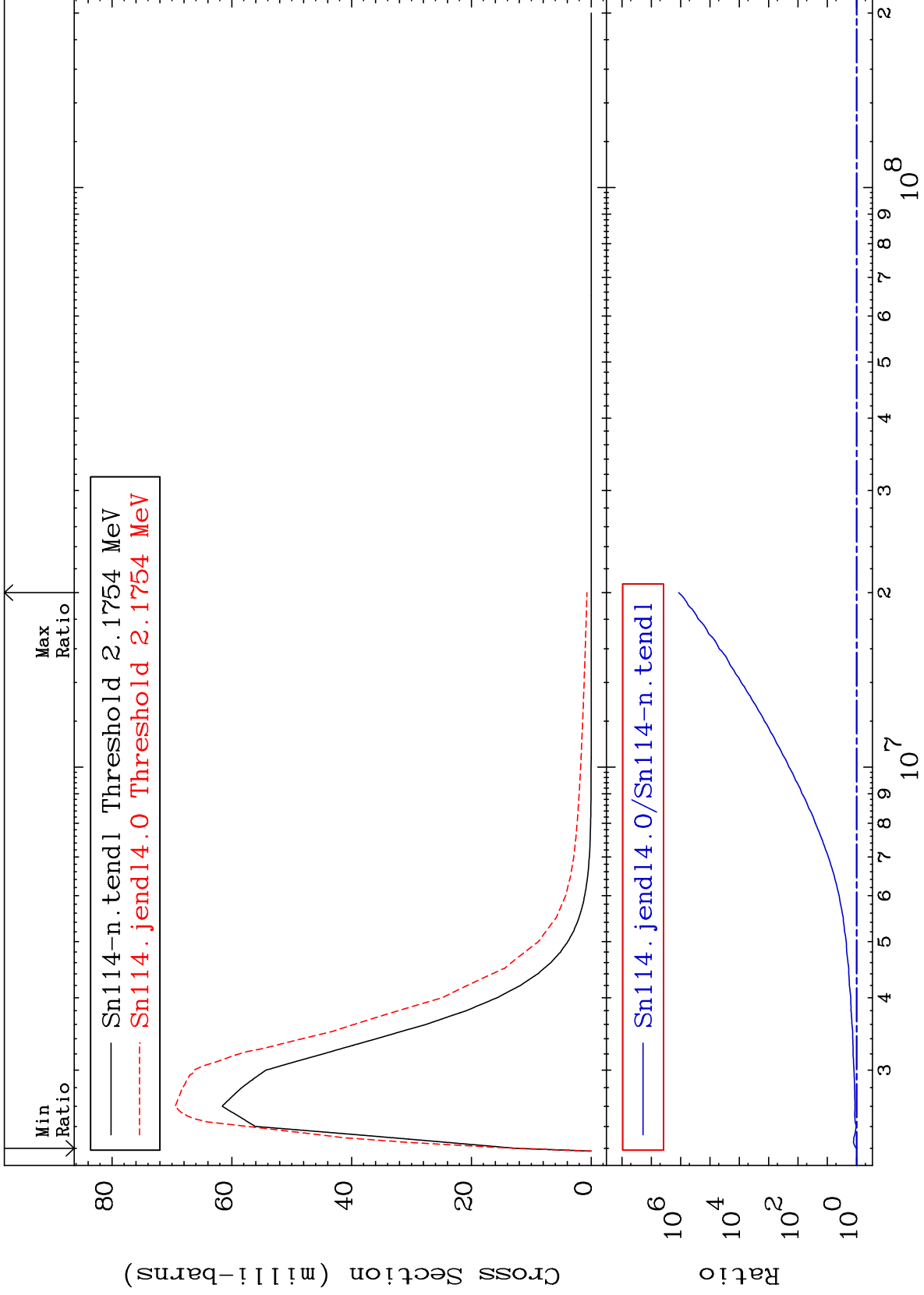
Incident Energy (eV)

50-Sn-114

MAT 5031

2.156 MeV (n,n') Level  
Cross Section

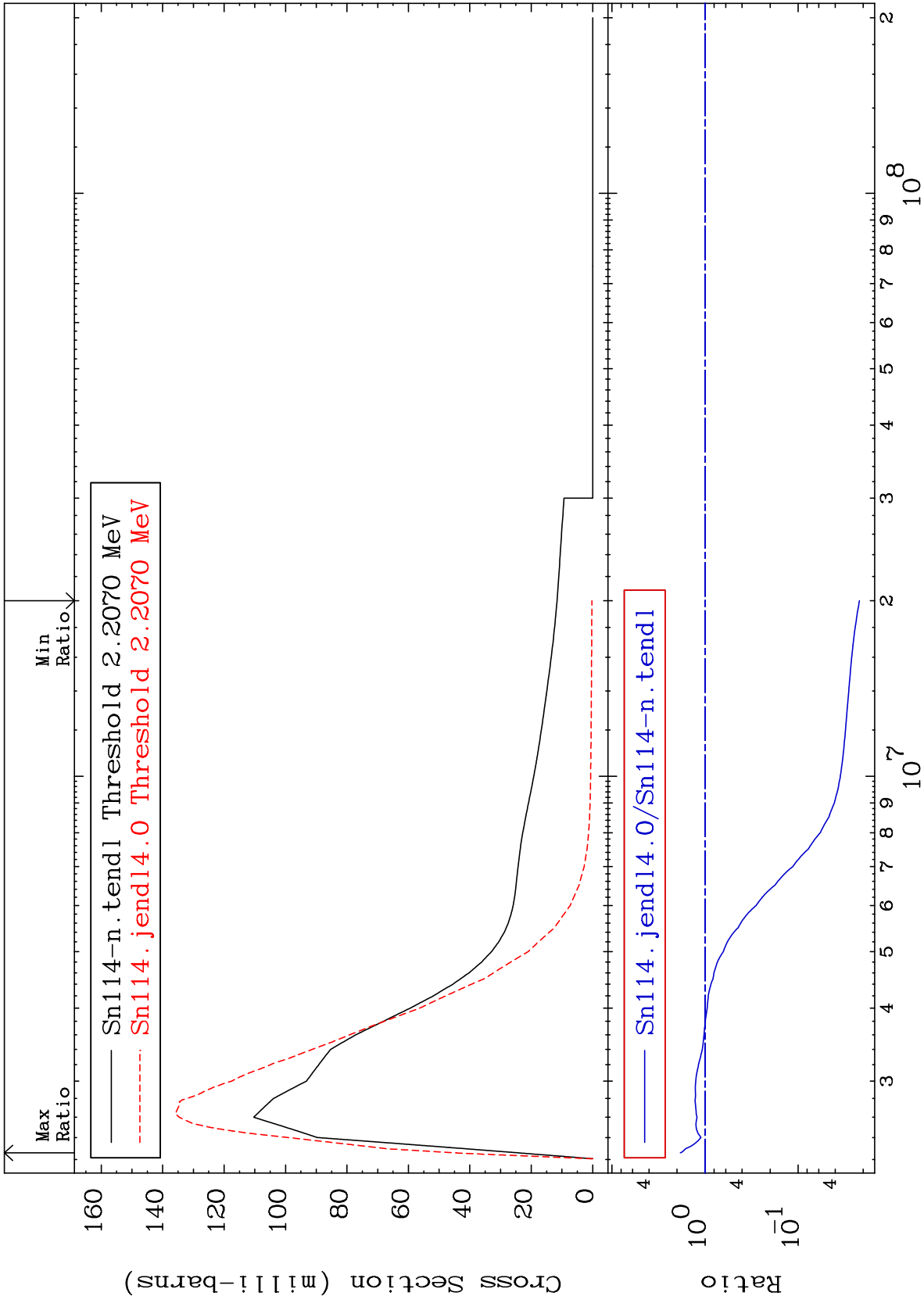
50-Sn-114  
-5.296 To 9999. %



MAT 5031

2.188 MeV (n,n') Level  
Cross Section

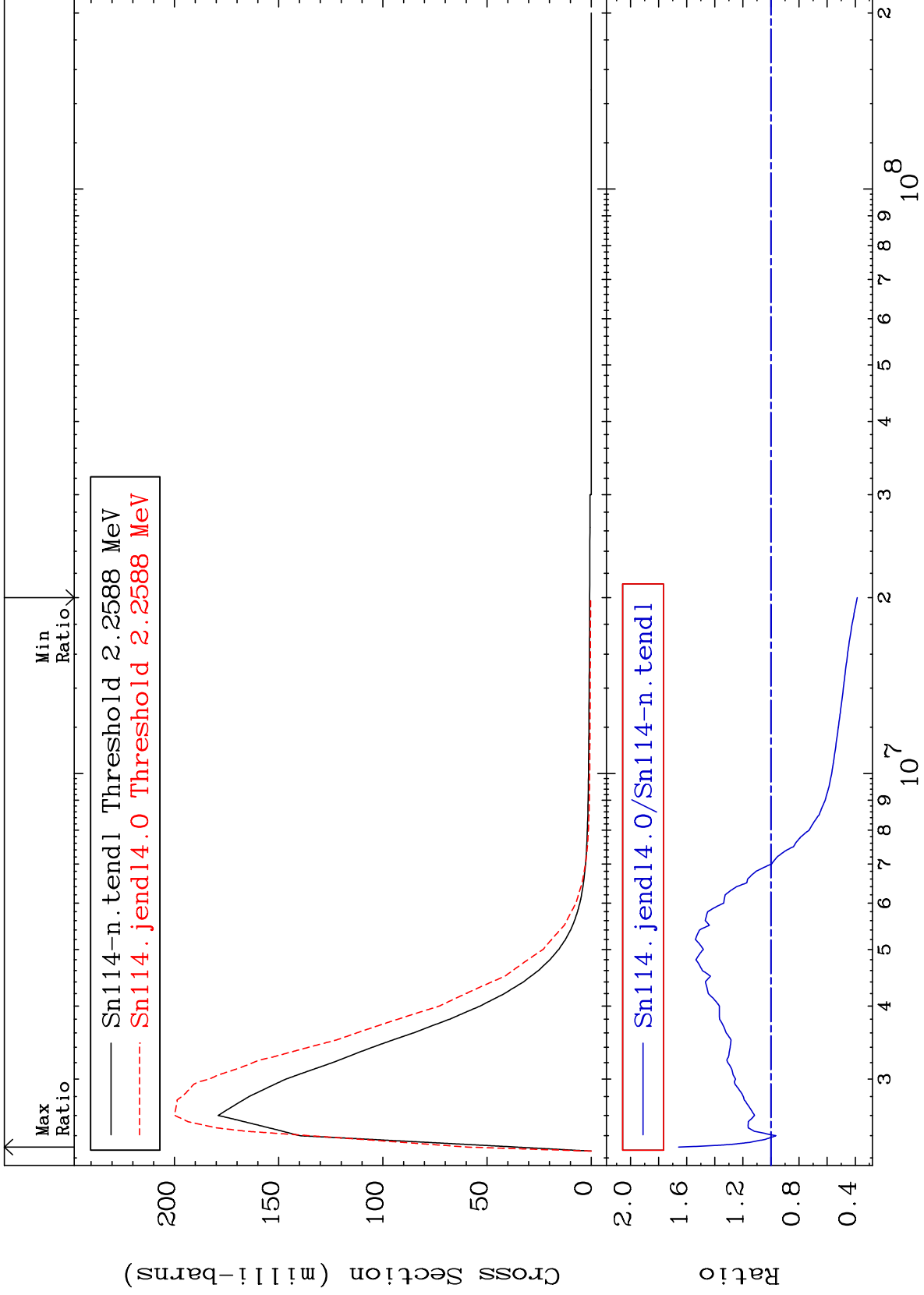
50-Sn-114  
-97.80 To 84.21 %



MAT 5031

2.239 MeV (n,n') Level  
Cross Section

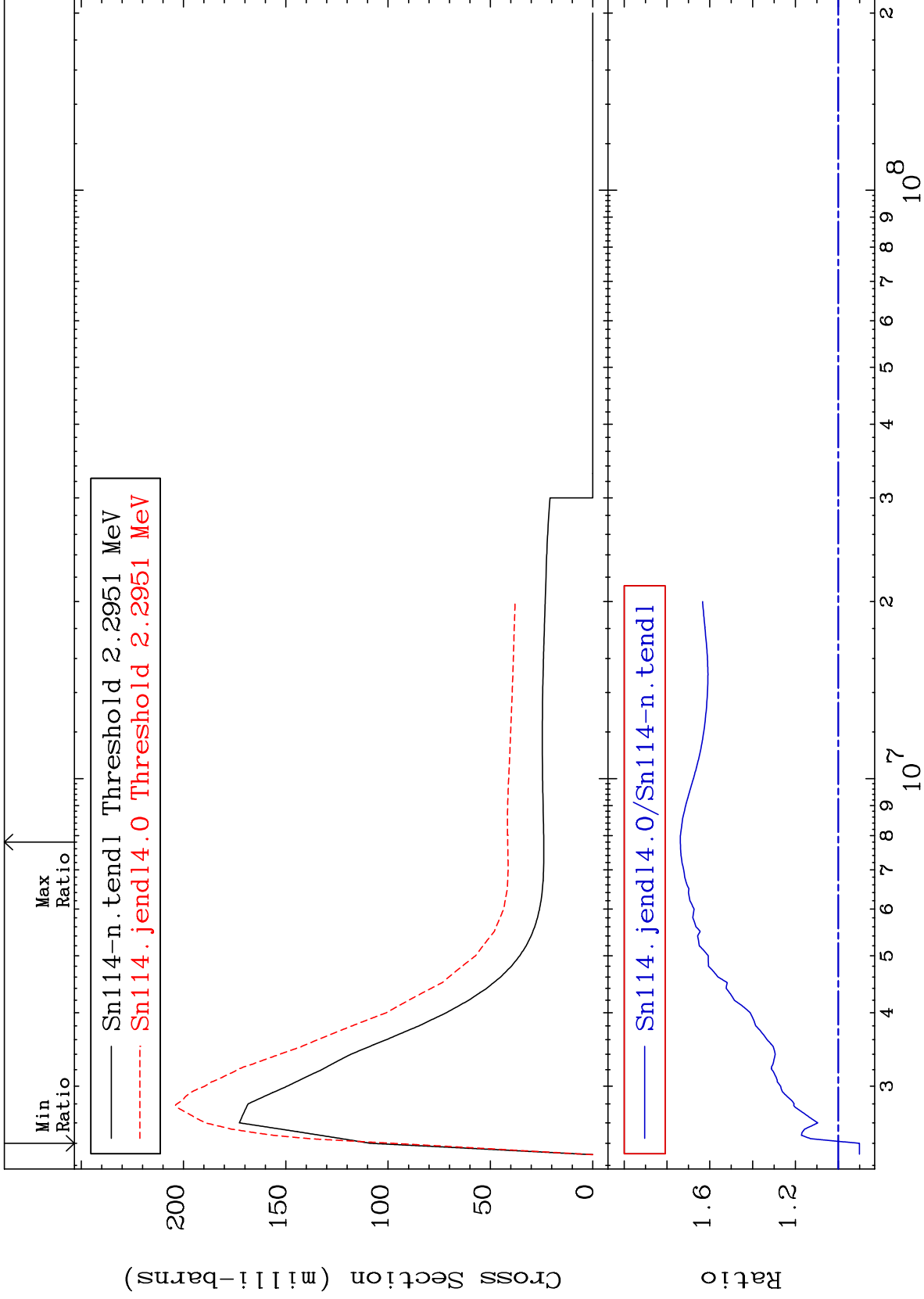
50-Sn-114  
-61.40 To 65.77 %



MAT 5031

2.275 MeV (n,n') Level  
Cross Section

50-Sn-114  
-9.881 To 73.76 %



14

Incident Energy (eV)

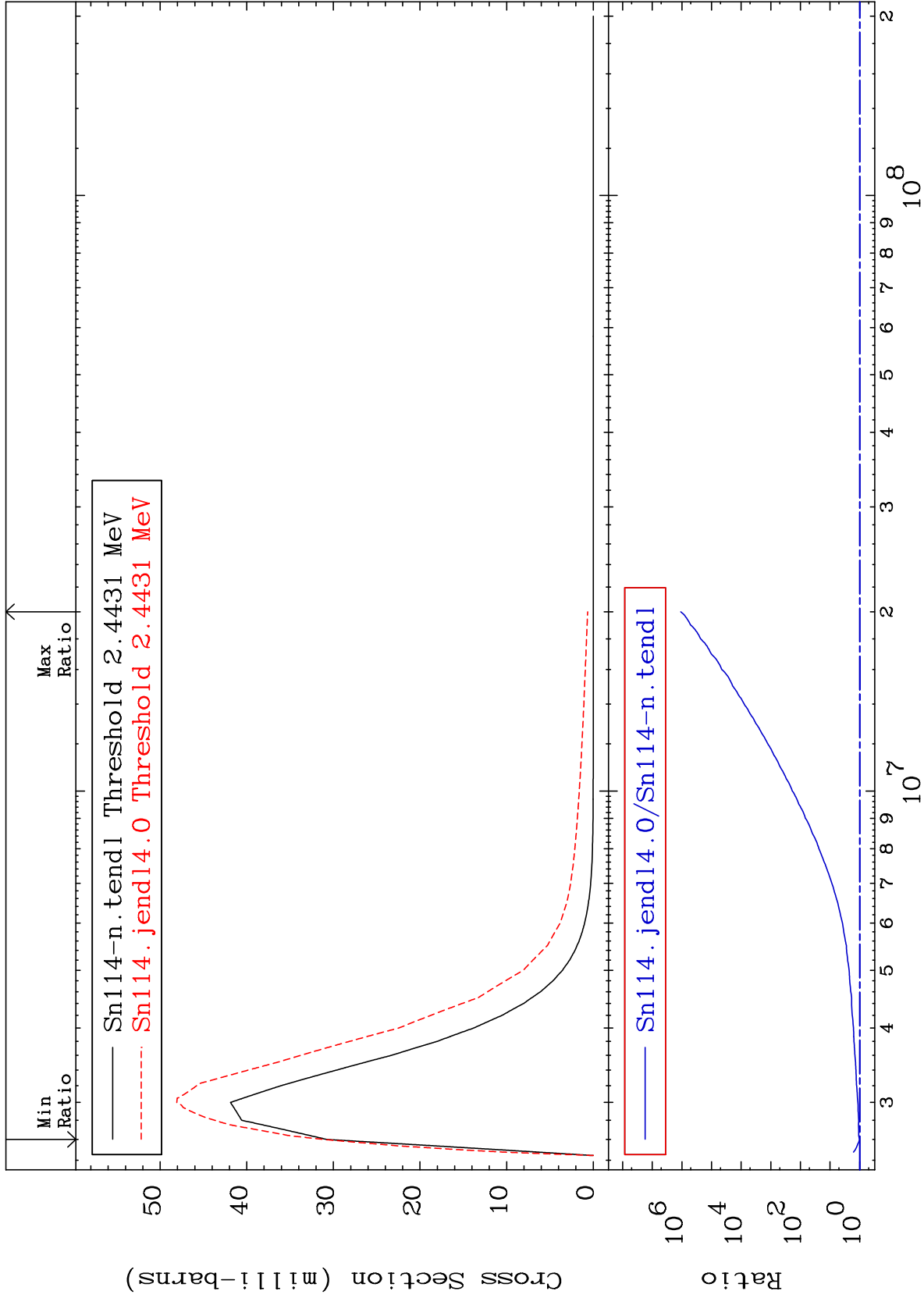
50-Sn-114

MAT 5031

2.422 MeV (n,n') Level

50-Sn-114

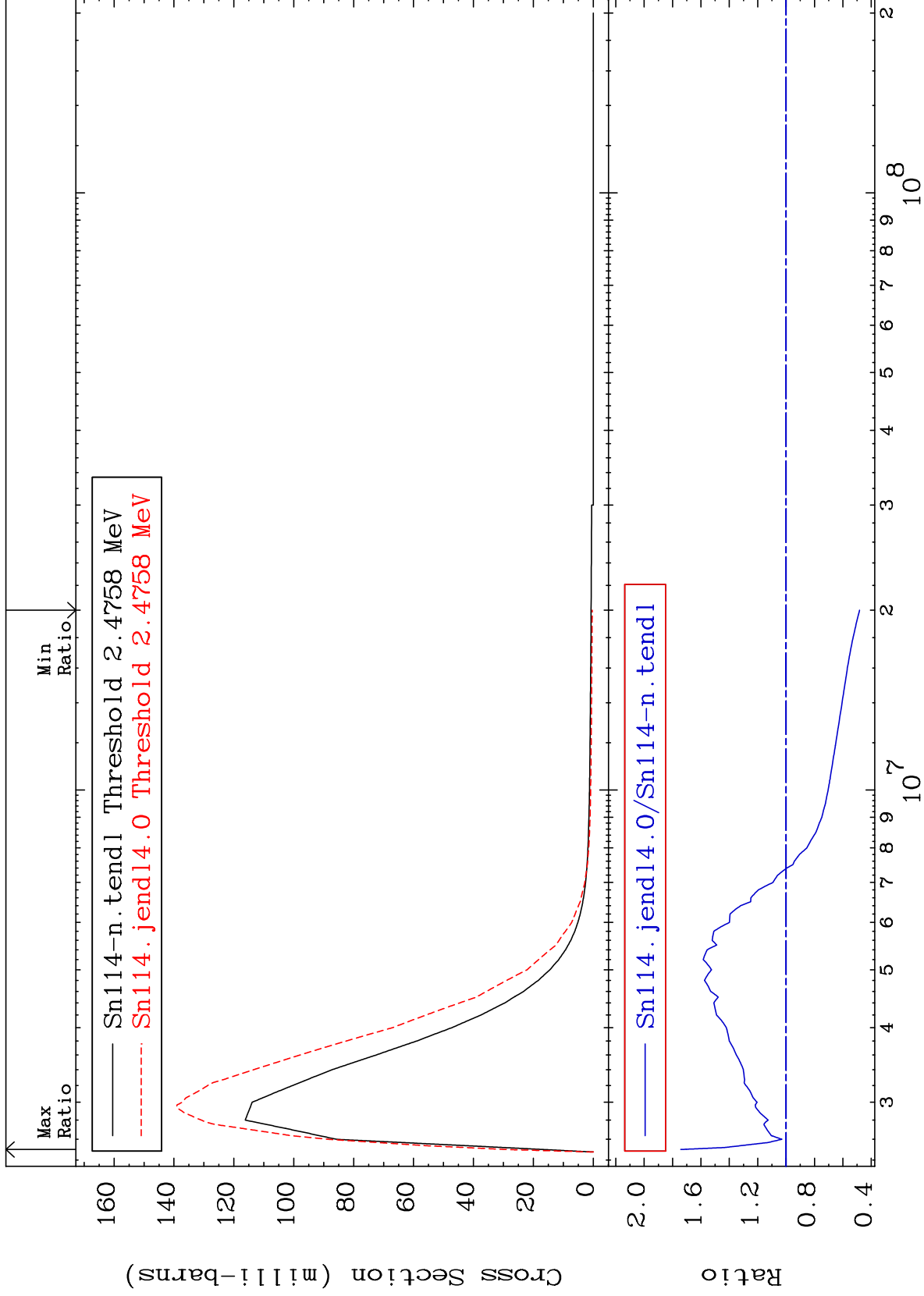
Cross Section To 9999. %



MAT 5031

2.454 MeV (n,n') Level  
Cross Section

50-Sn-114  
-51.76 To 74.21 %

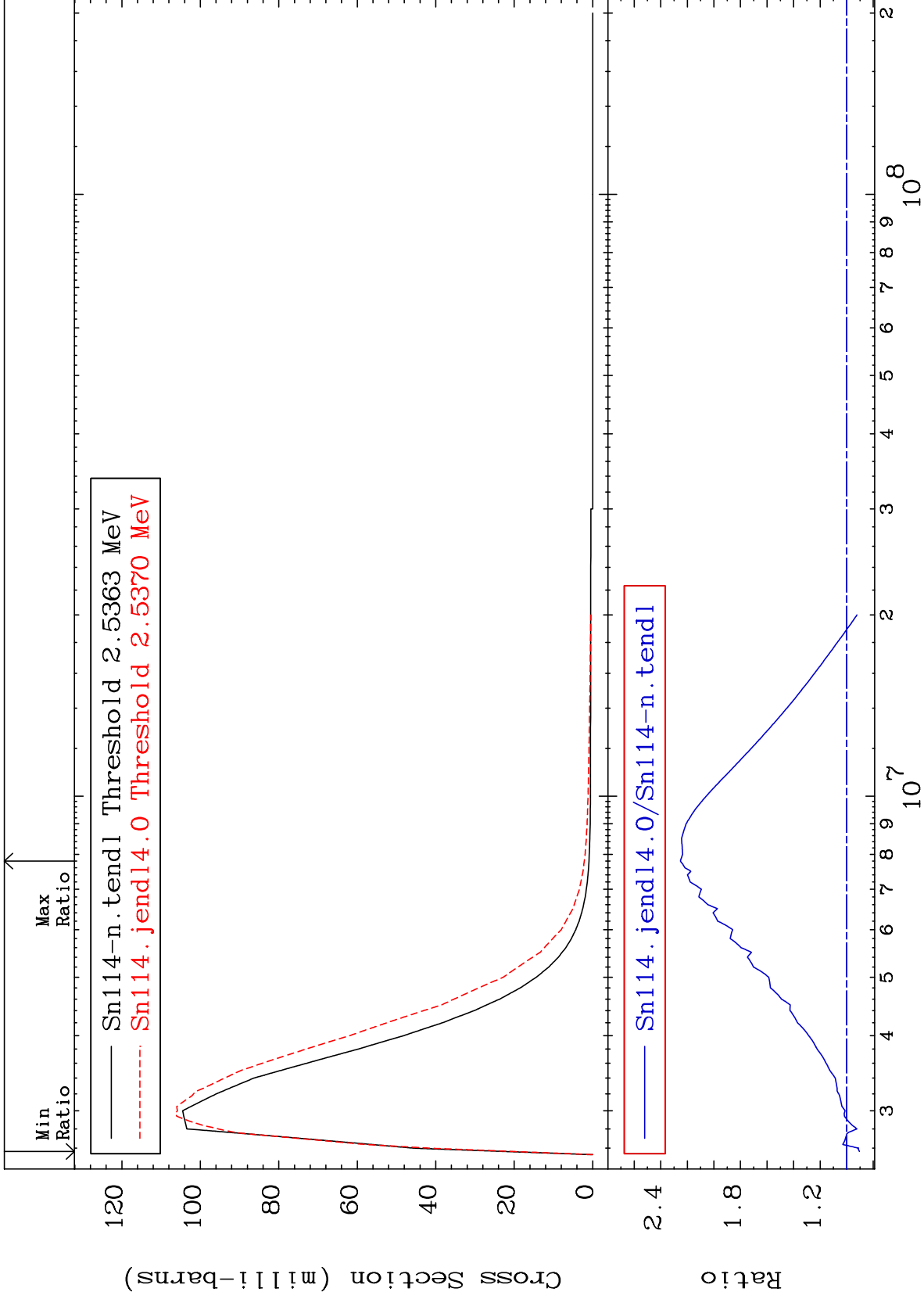




MAT 5031

2.514 MeV (n,n') Level  
Cross Section

50-Sn-114  
-9.567 To 125.2 %



17

Incident Energy (eV)

50-Sn-114

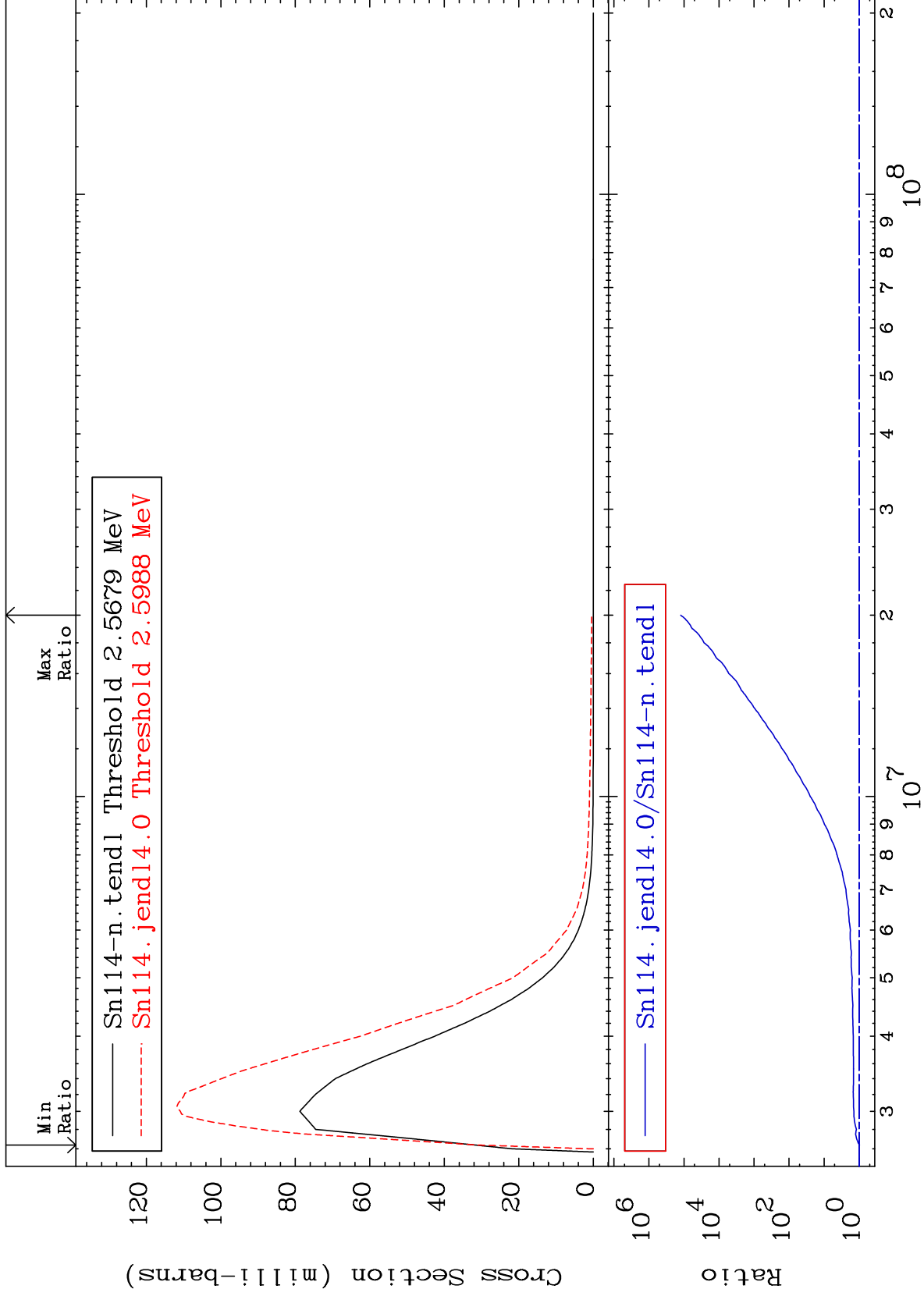
MAT 5031

2.545 MeV (n,n') Level

50-Sn-114

-2.632 To 9999. %

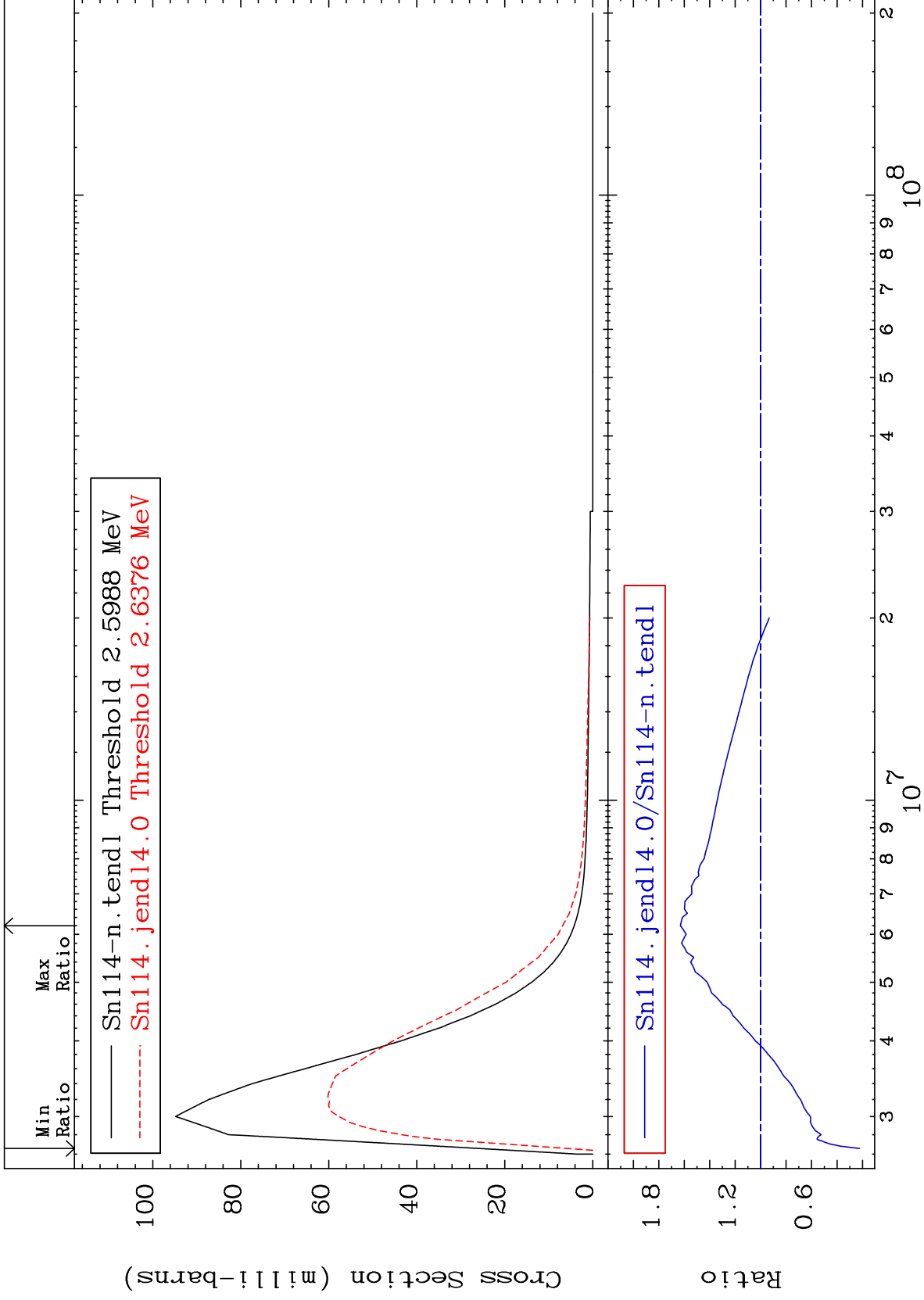
Cross Section



MAT 5031

2.576 MeV (n,n') Level  
Cross Section

50-Sn-114  
-77.61 To 63.10 %



19

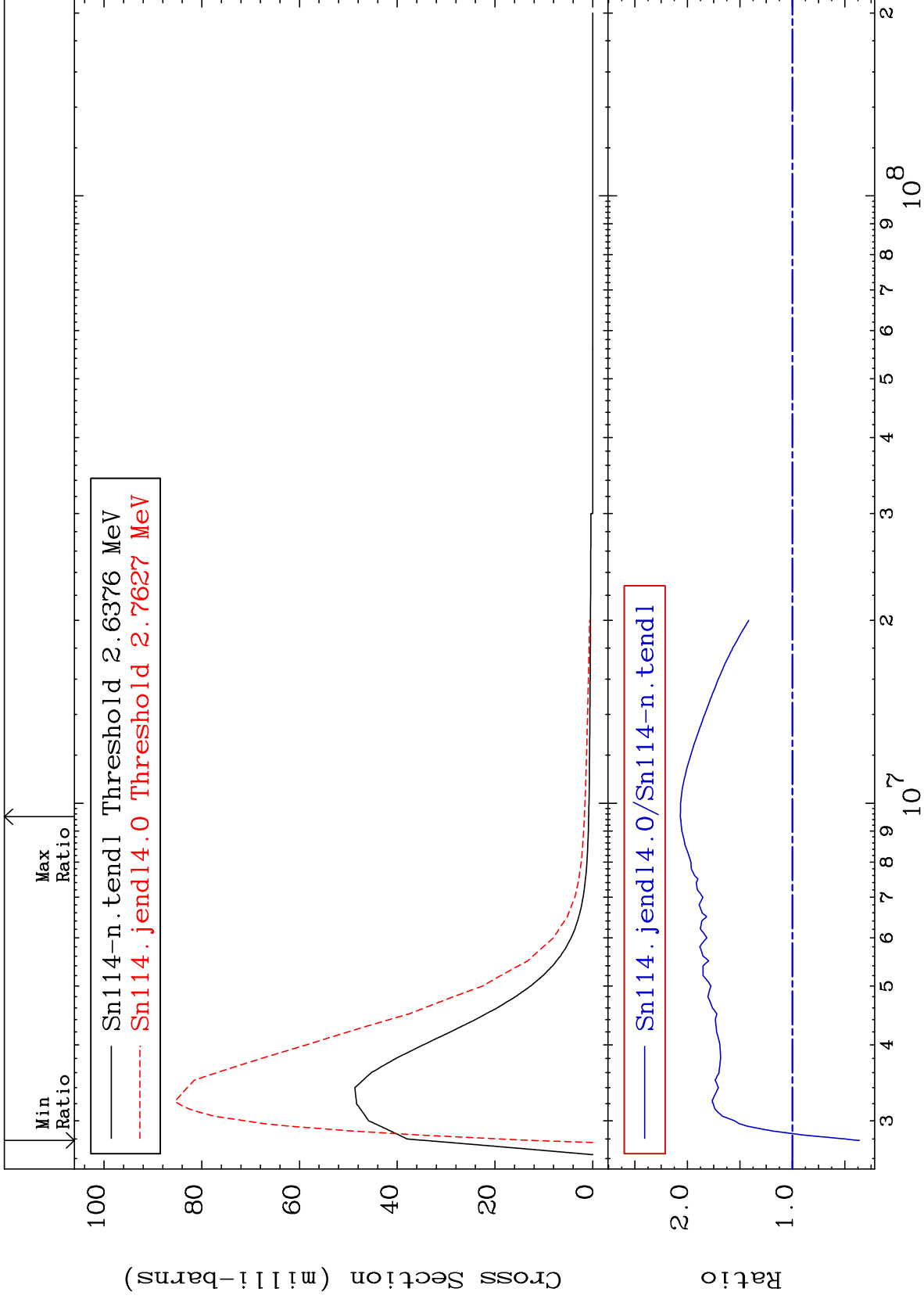
Incident Energy (eV)

50-Sn-114

MAT 5031

2.614 MeV (n,n') Level  
Cross Section

50-Sn-114  
-63.85 To 106.7 %



20

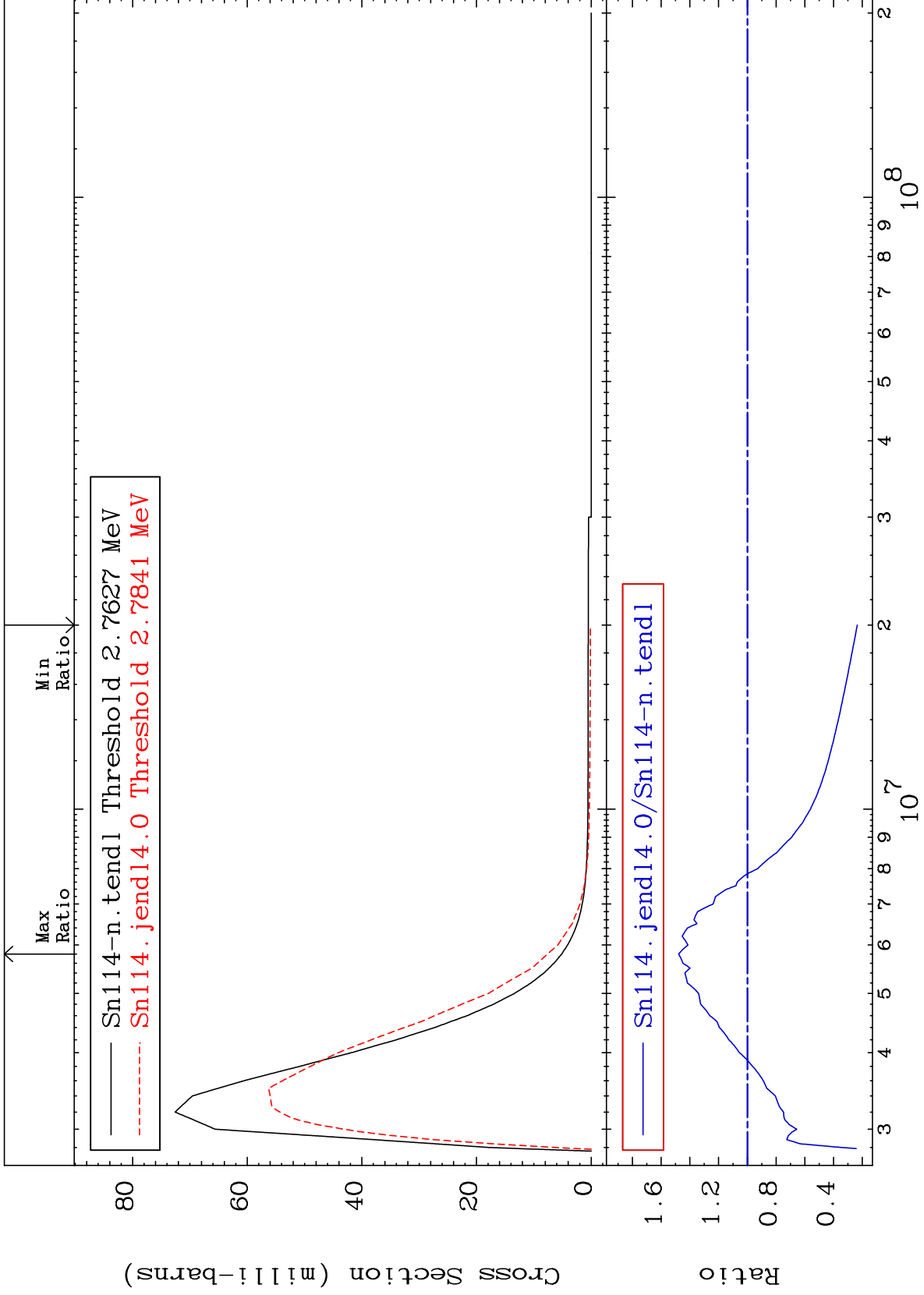
Incident Energy (eV)

50-Sn-114

MAT 5031

2.738 MeV (n,n') Level  
Cross Section

50-Sn-114  
-76.50 To 47.83 %



21

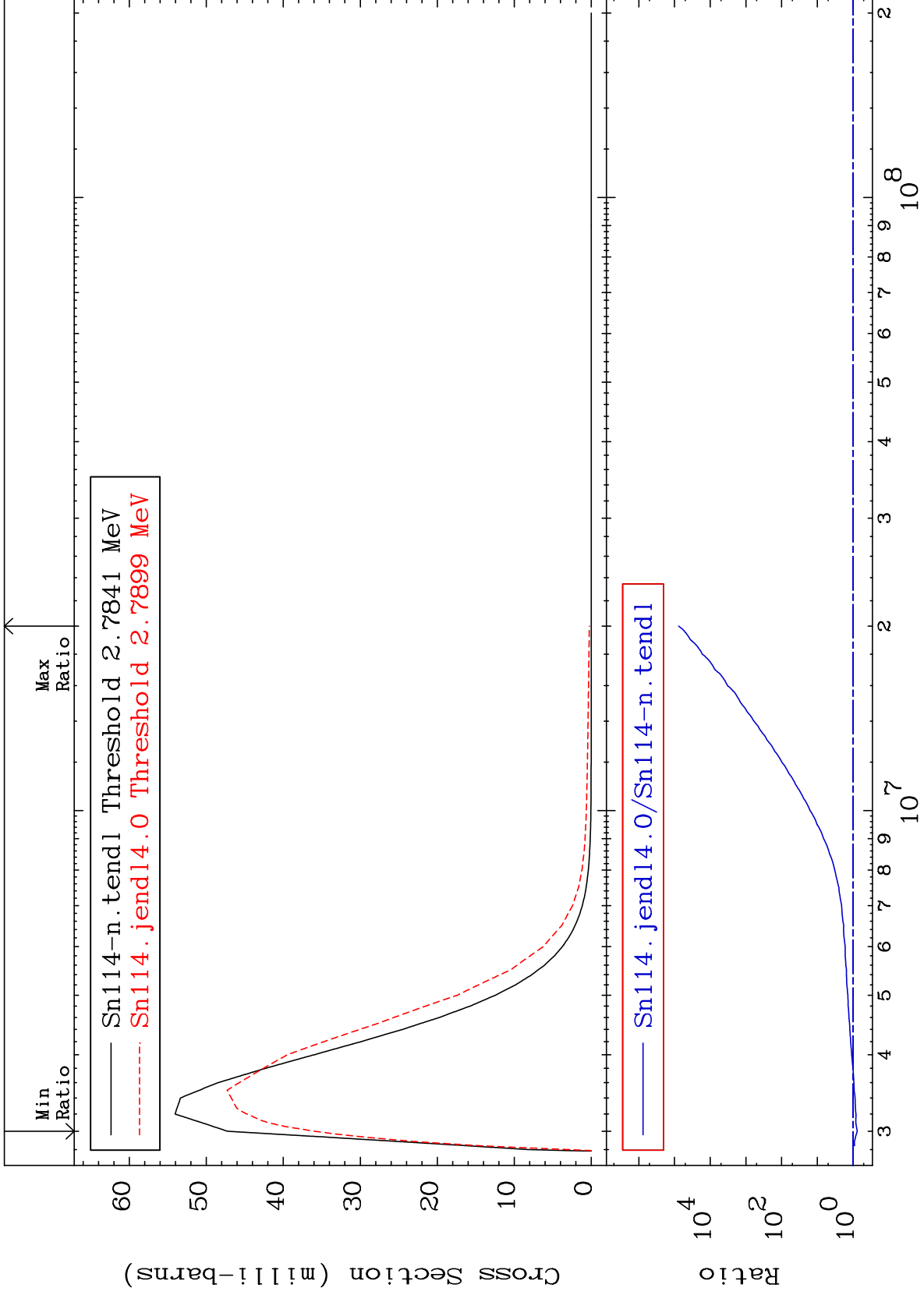
Incident Energy (eV)

50-Sn-114

MAT 5031

2.760 MeV (n,n') Level  
Cross Section

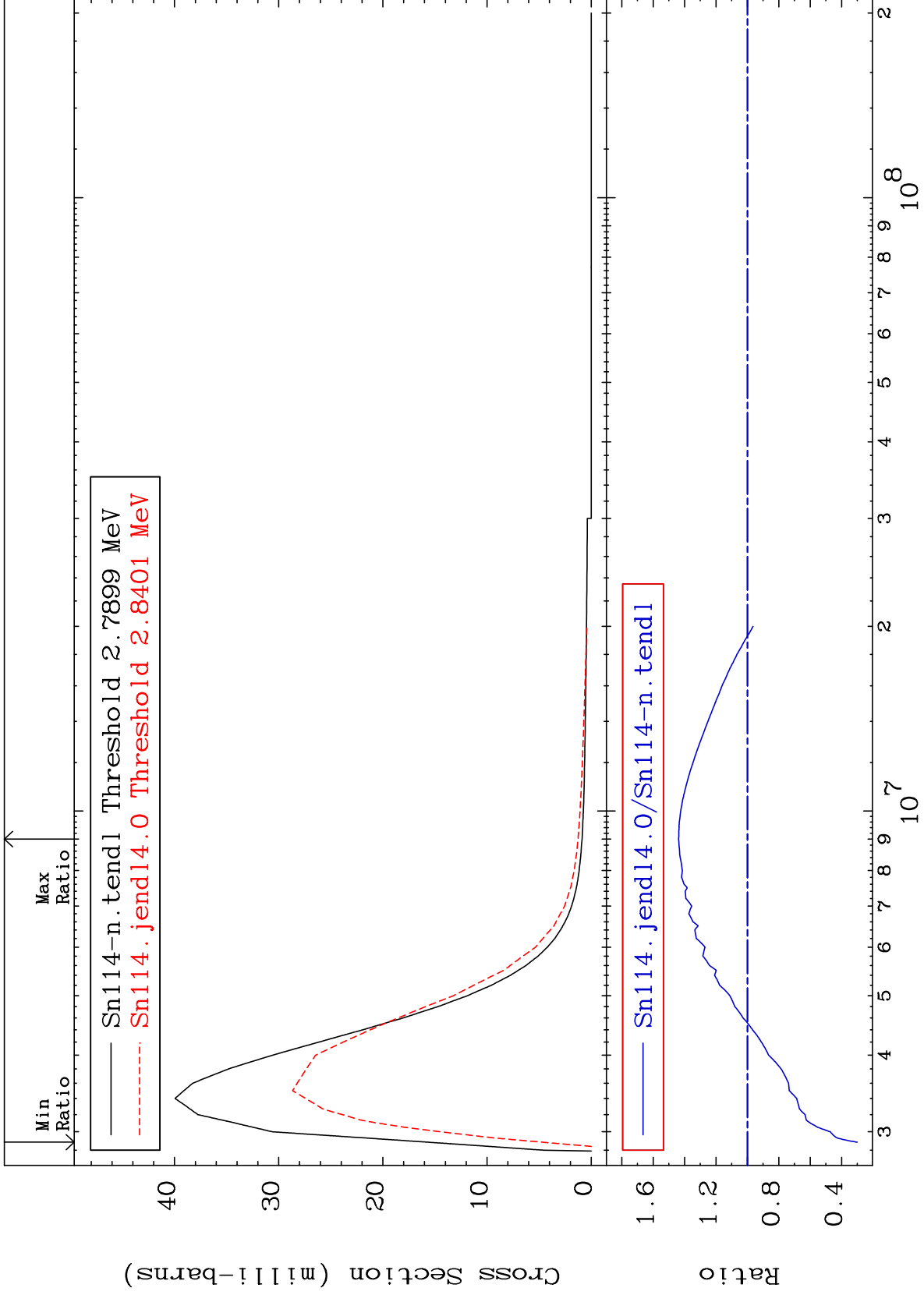
50-Sn-114  
-23.96 To 9999. %



MAT 5031

2.765 MeV (n,n') Level  
Cross Section

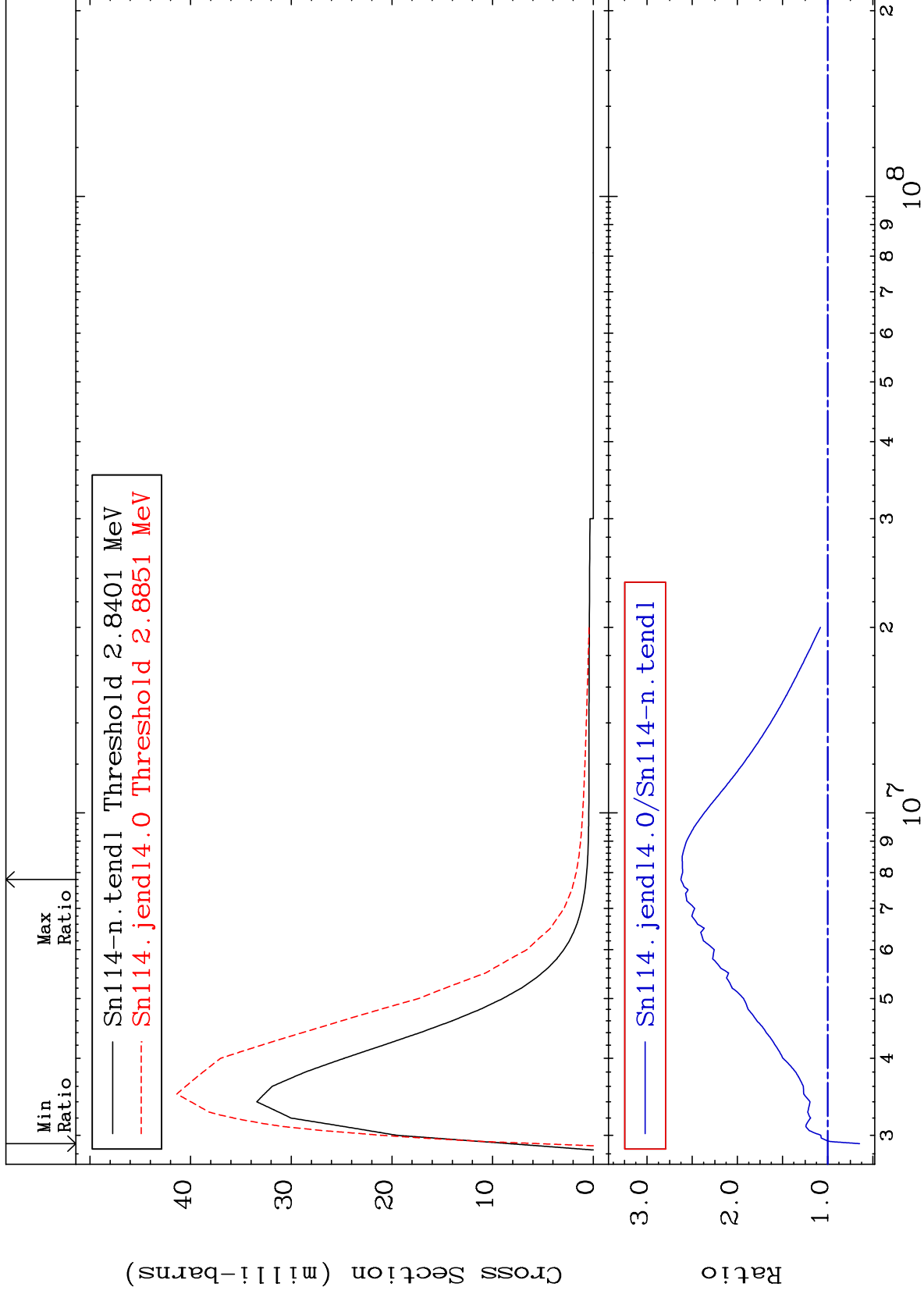
50-Sn-114  
-69.96 To 43.77 %



MAT 5031

2.815 MeV (n,n') Level  
Cross Section

50-Sn-114  
-35.23 To 162.7 %



24

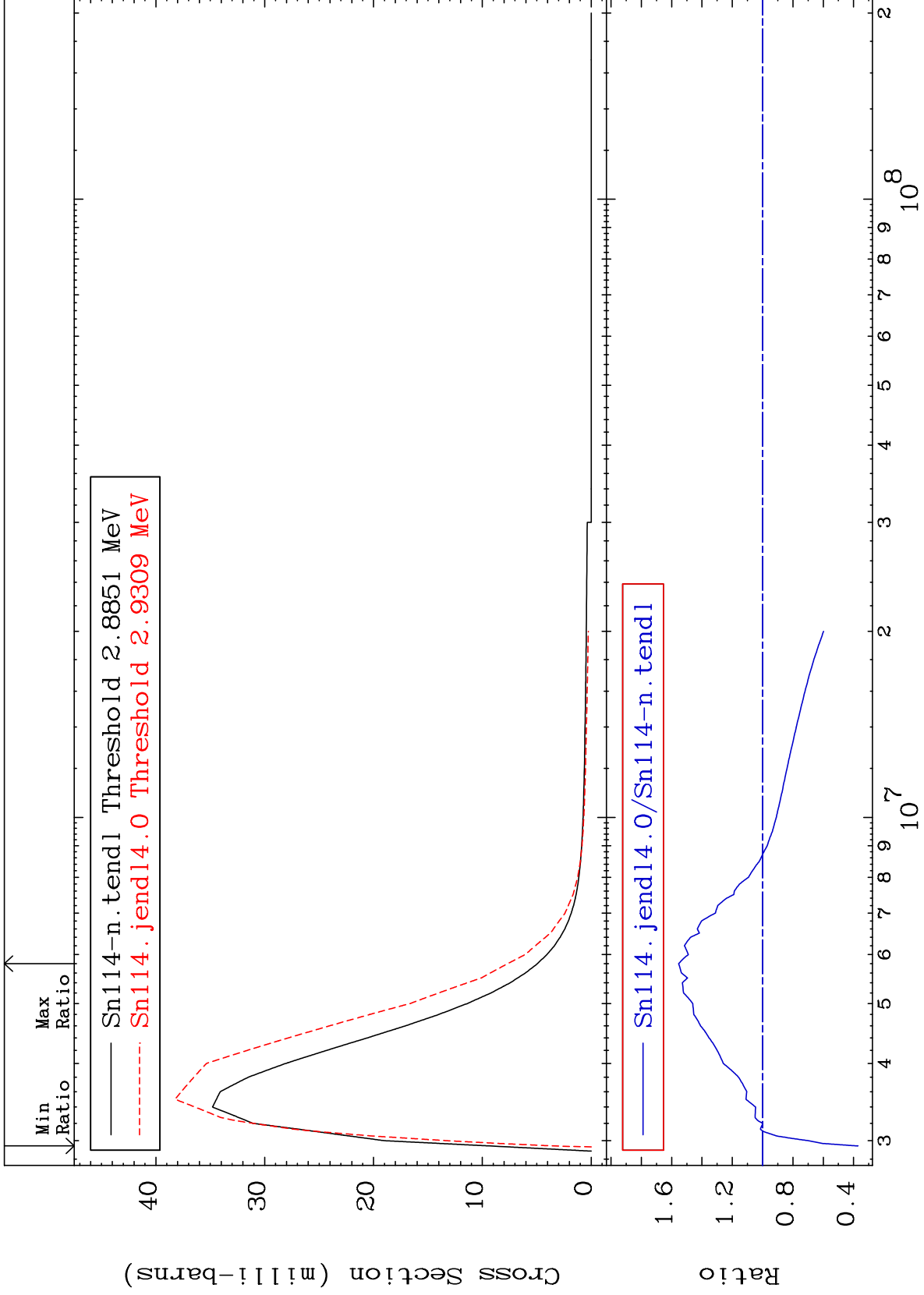
50-Sn-114



MAT 5031

2.860 MeV (n,n') Level  
Cross Section

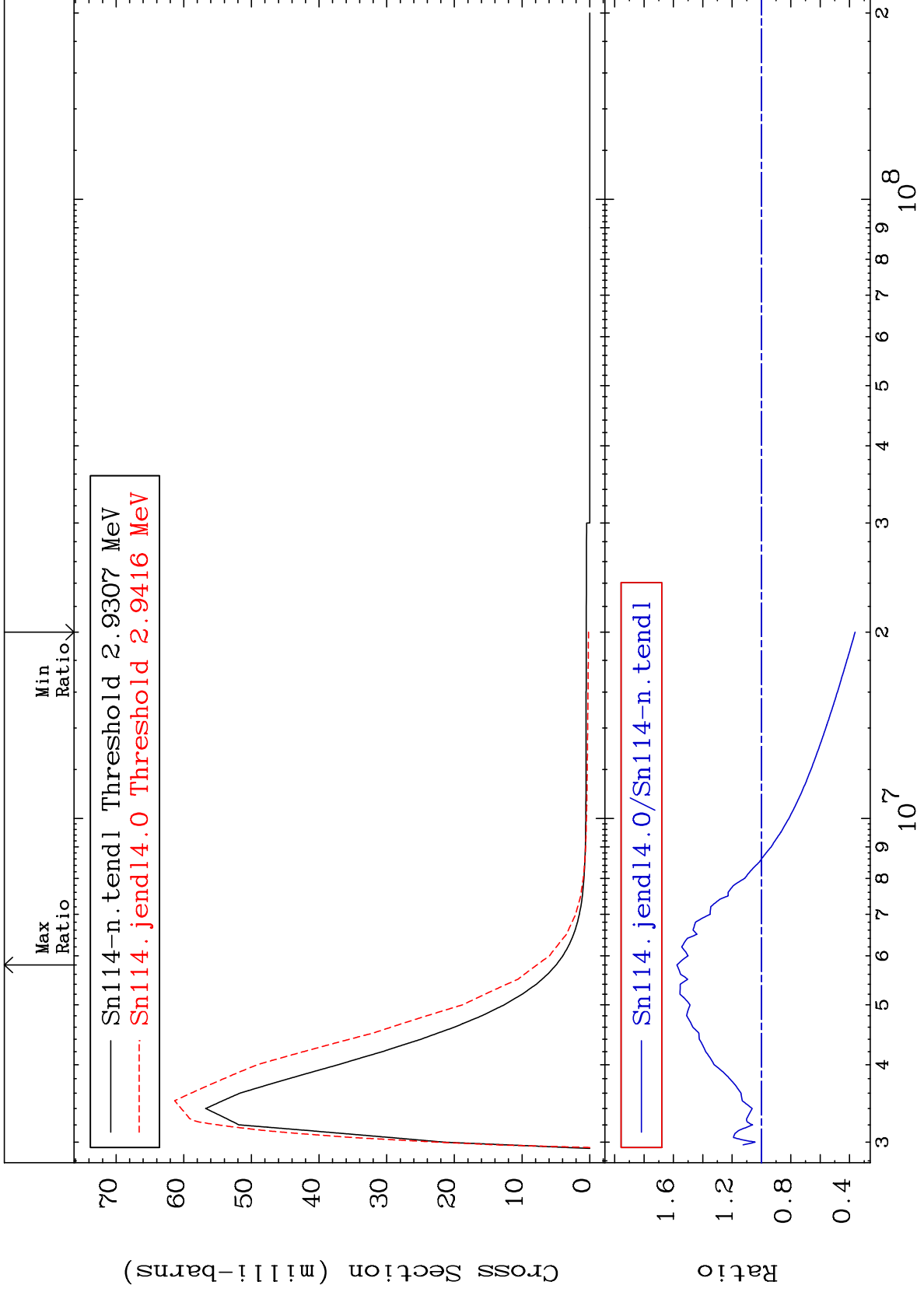
50-Sn-114  
-62.42 To 55.40 %



MAT 5031

2.905 MeV (n,n') Level  
Cross Section

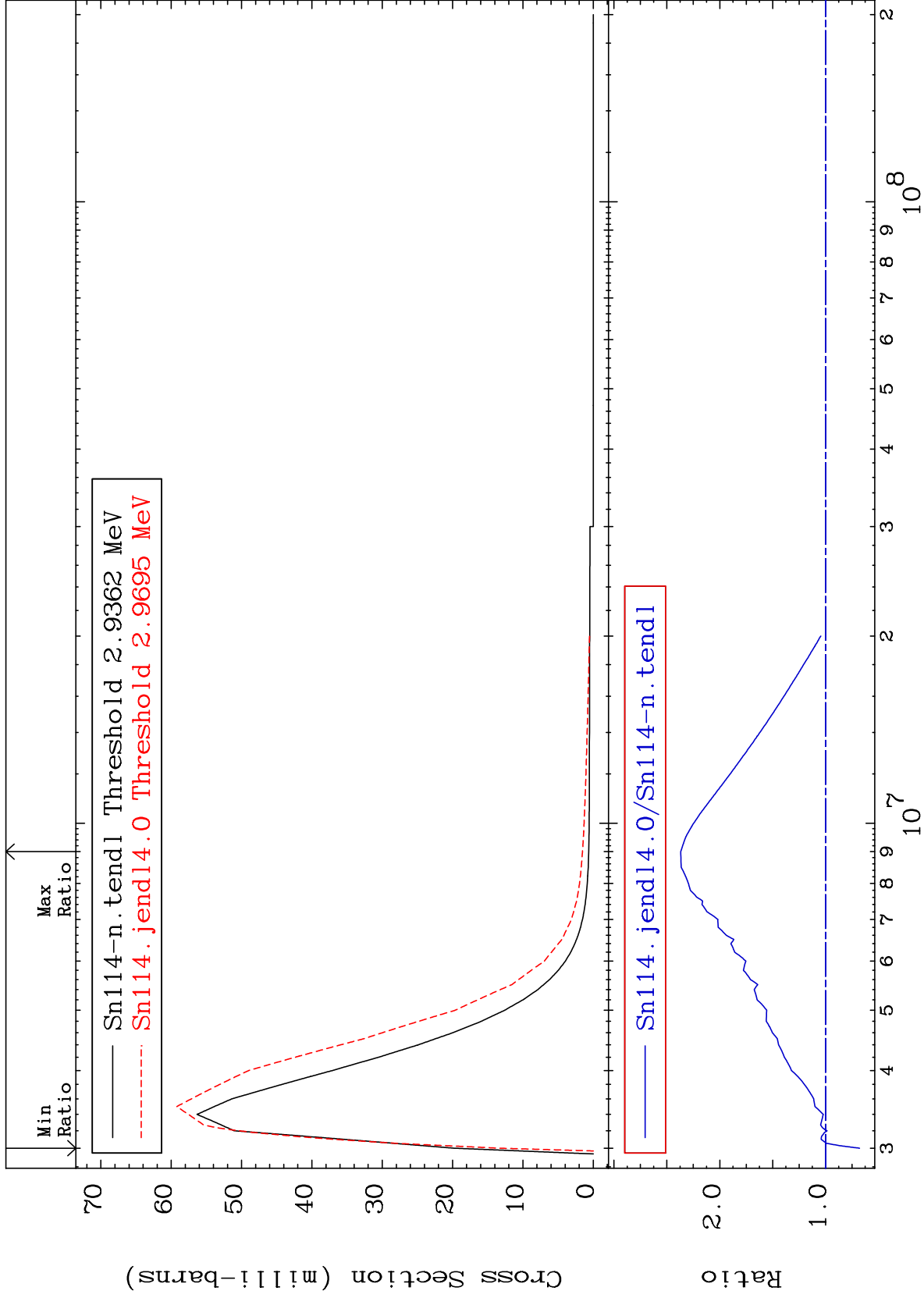
50-Sn-114  
-63.82 To 57.60 %



MAT 5031

2.910 MeV (n,n') Level  
Cross Section

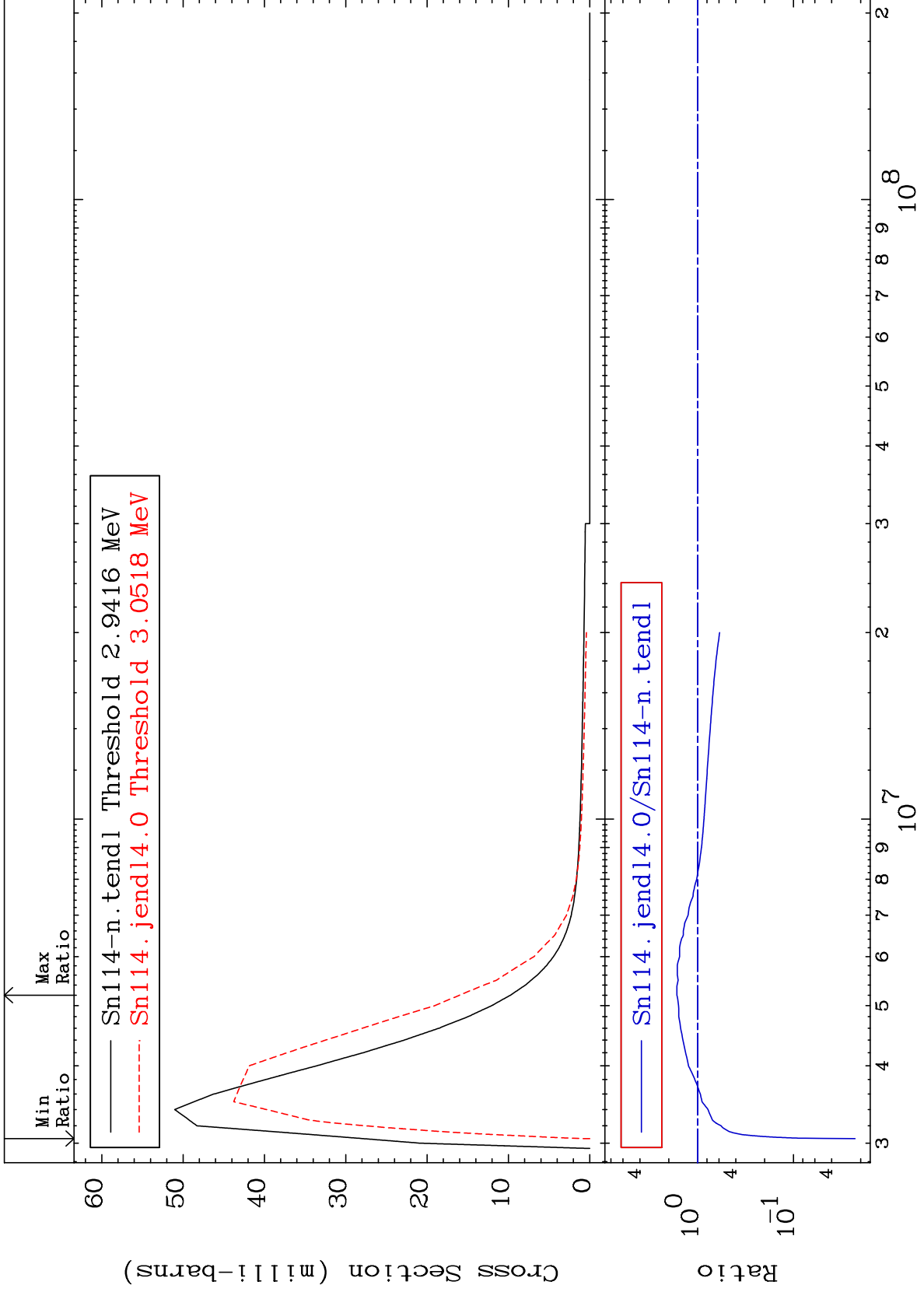
50-Sn-114  
-32.13 To 136.9 %



MAT 5031

2.916 MeV (n,n') Level  
Cross Section

50-Sn-114  
-97.72 To 64.35 %



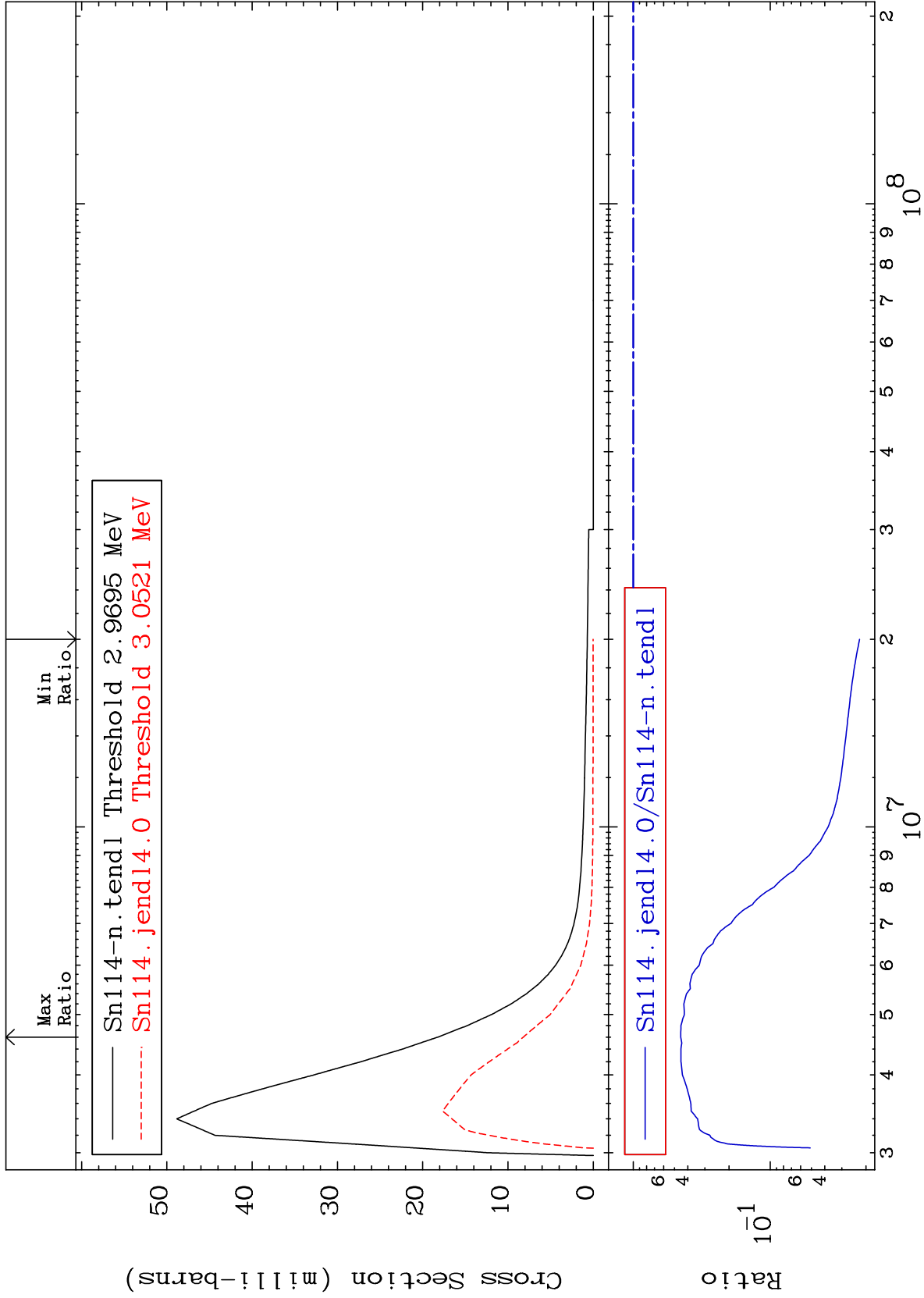
MAT 5031

2.943 MeV (n,n') Level

50-Sn-114

-97.77 To -55.03%

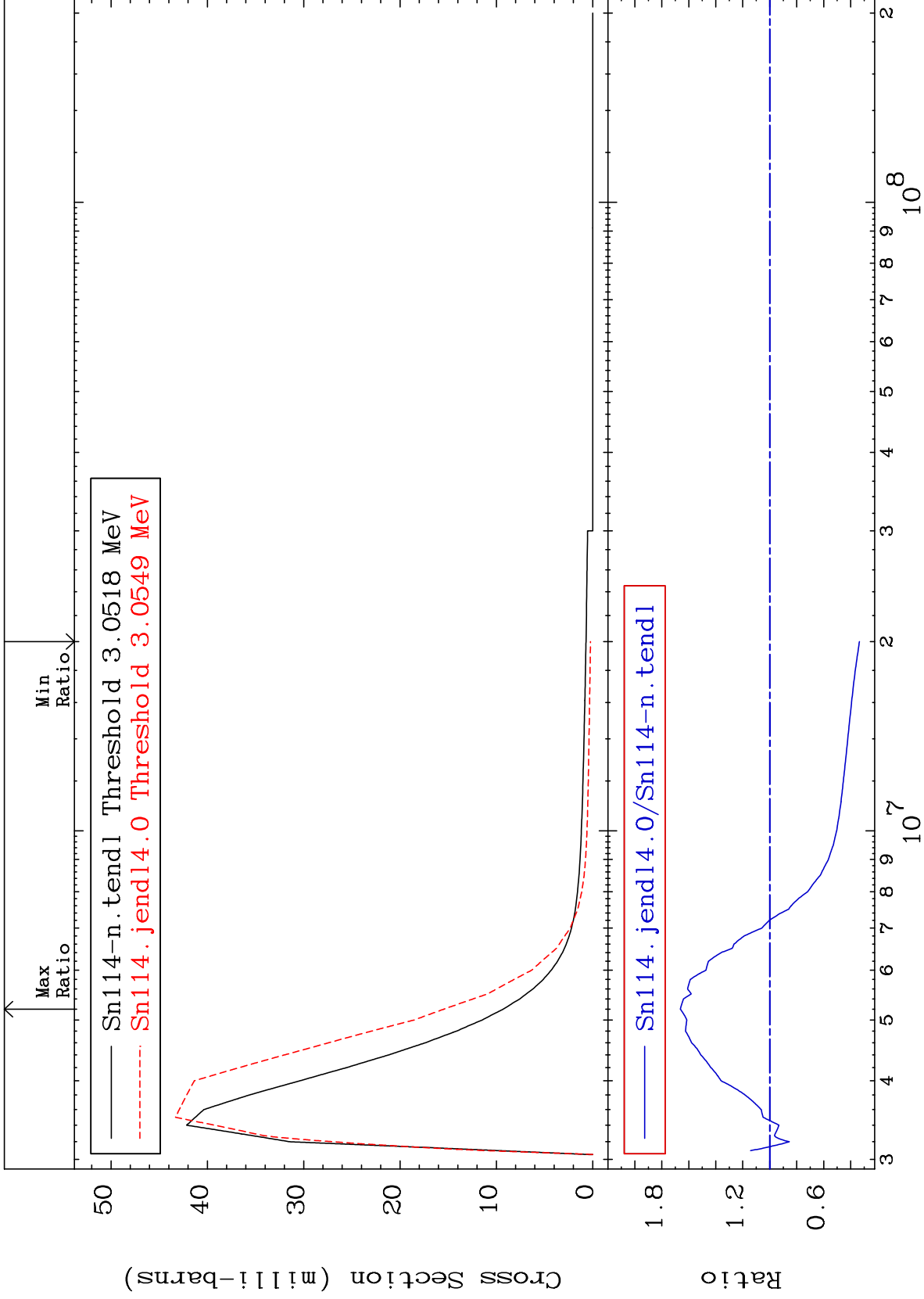
Cross Section



MAT 5031

3.025 MeV (n,n') Level  
Cross Section

50-Sn-114  
-66.49 To 66.26 %



30

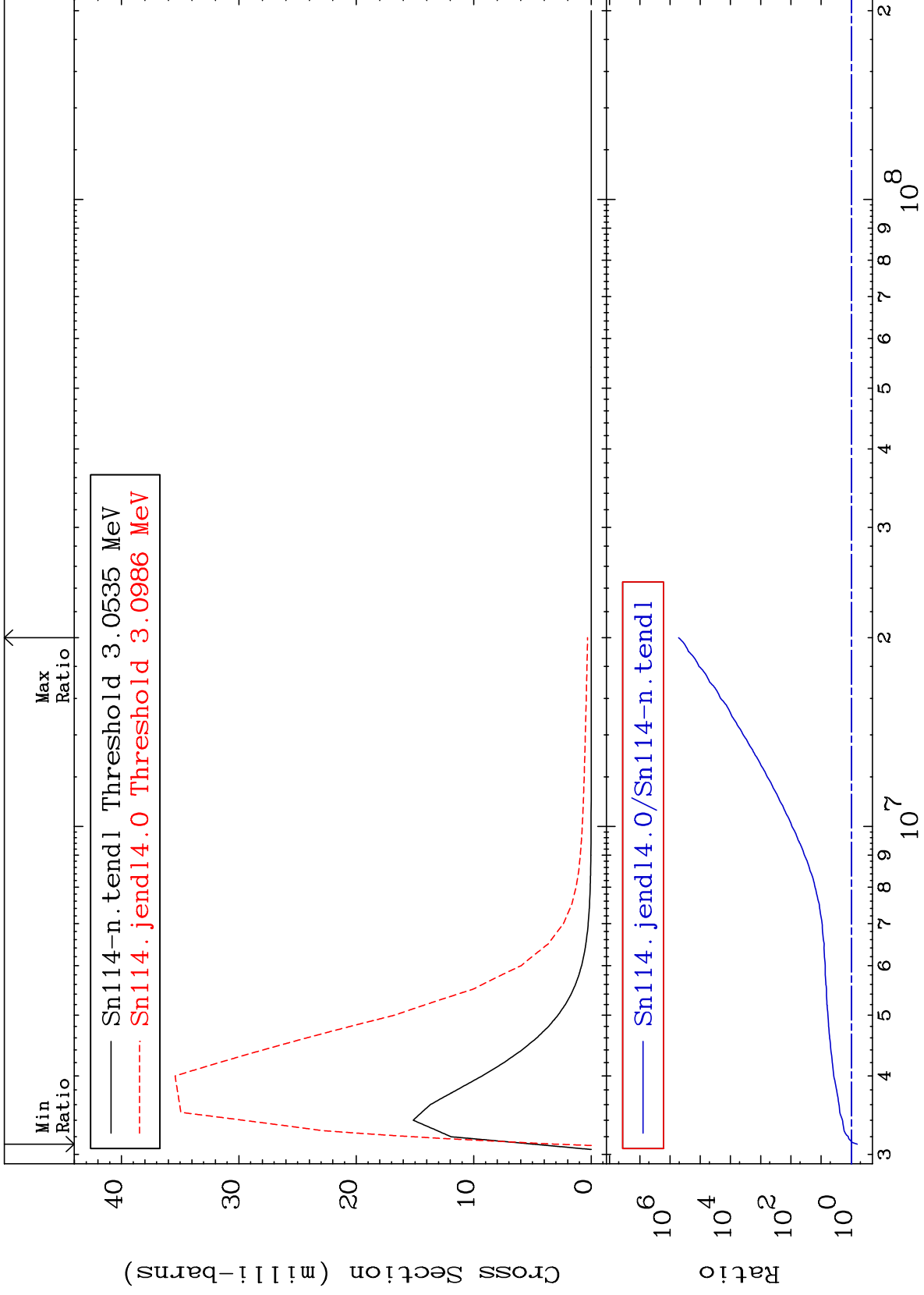
Incident Energy (eV)

50-Sn-114

MAT 5031

3.027 MeV (n,n') Level  
Cross Section

50-Sn-114  
-36.32 To 9999. %



31

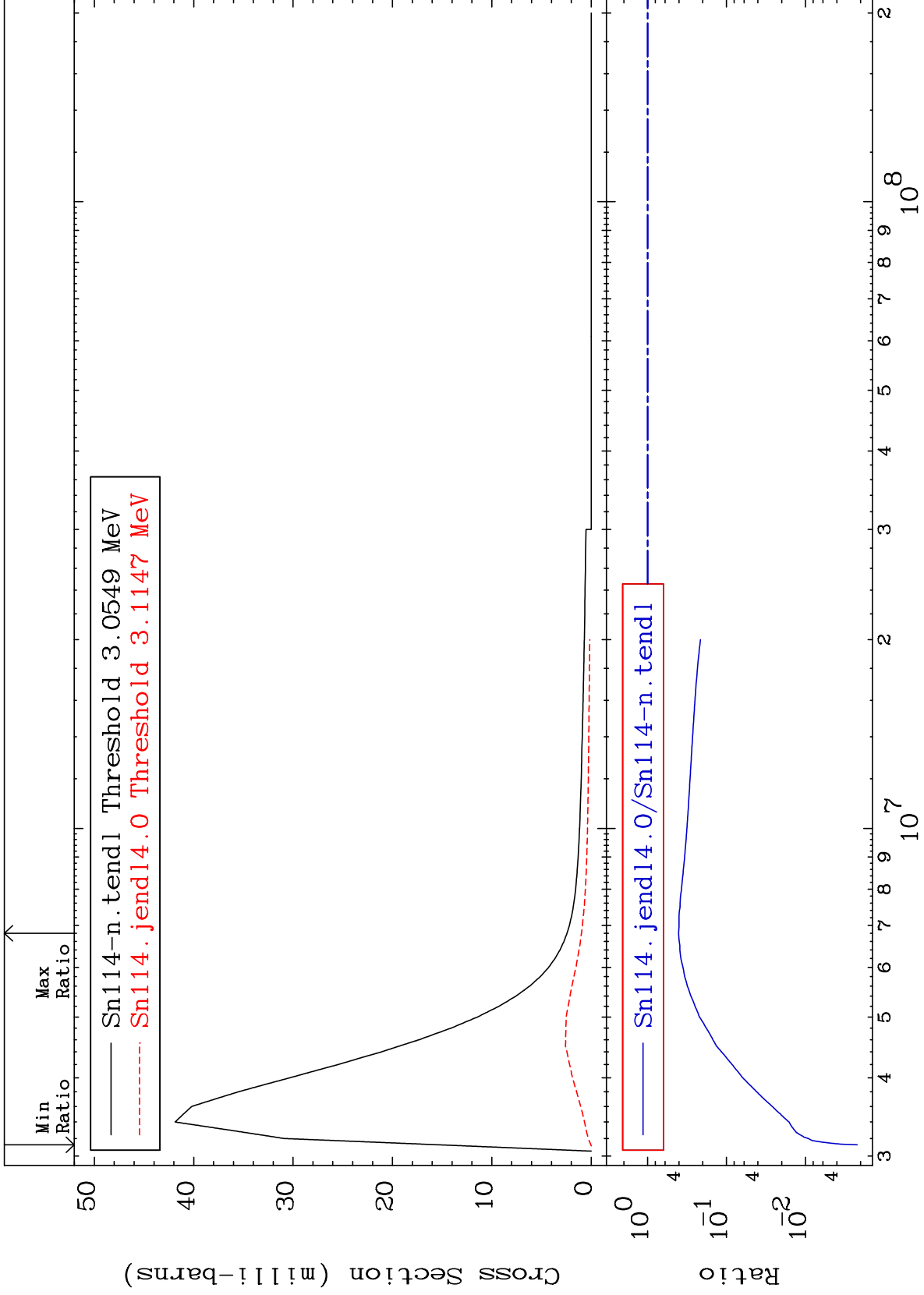
Incident Energy (eV)

50-Sn-114

MAT 5031

3.028 MeV (n,n') Level  
Cross Section

50-Sn-114  
-99.78 To -59.57%

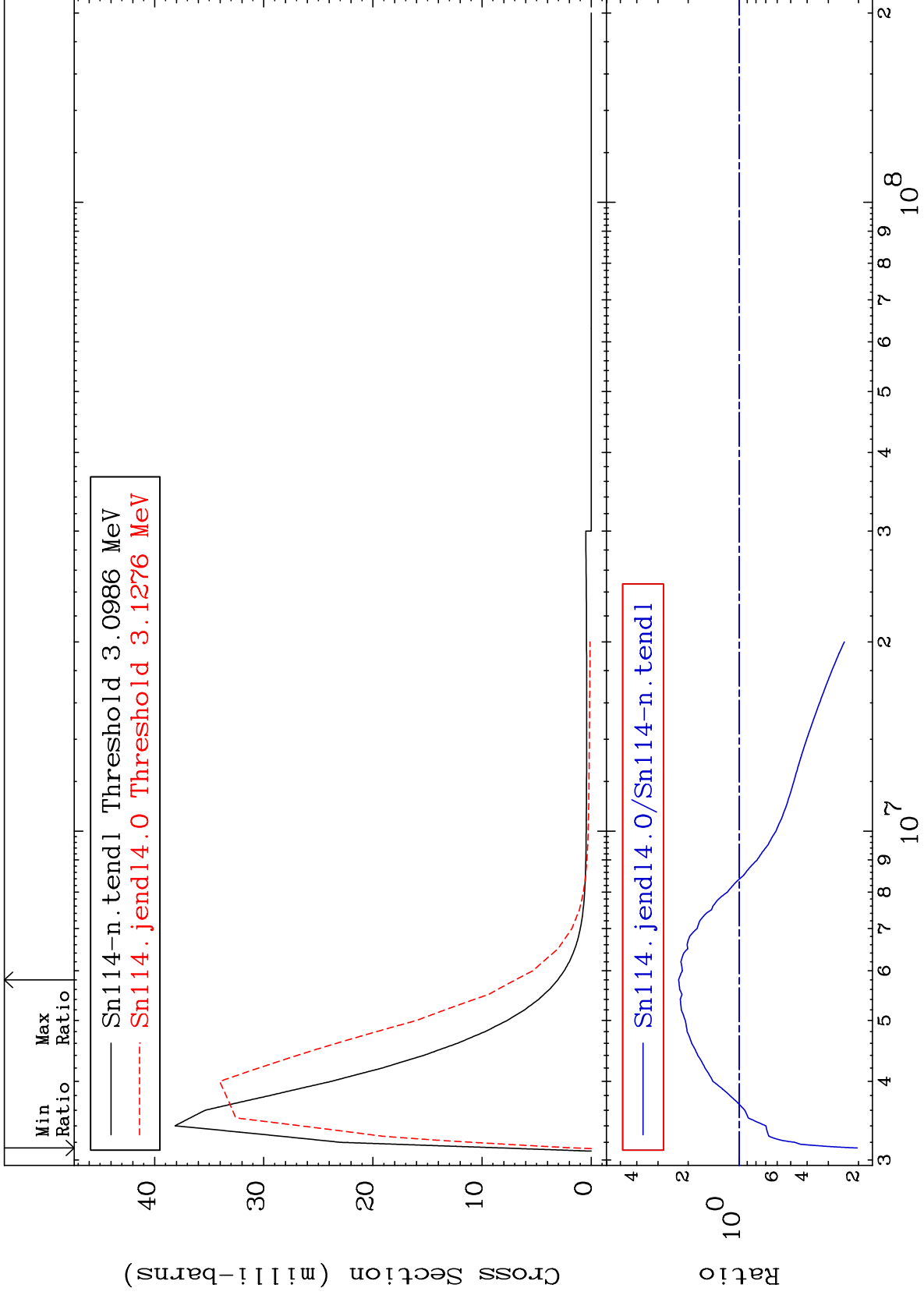




MAT 5031

3.071 MeV (n,n') Level  
Cross Section

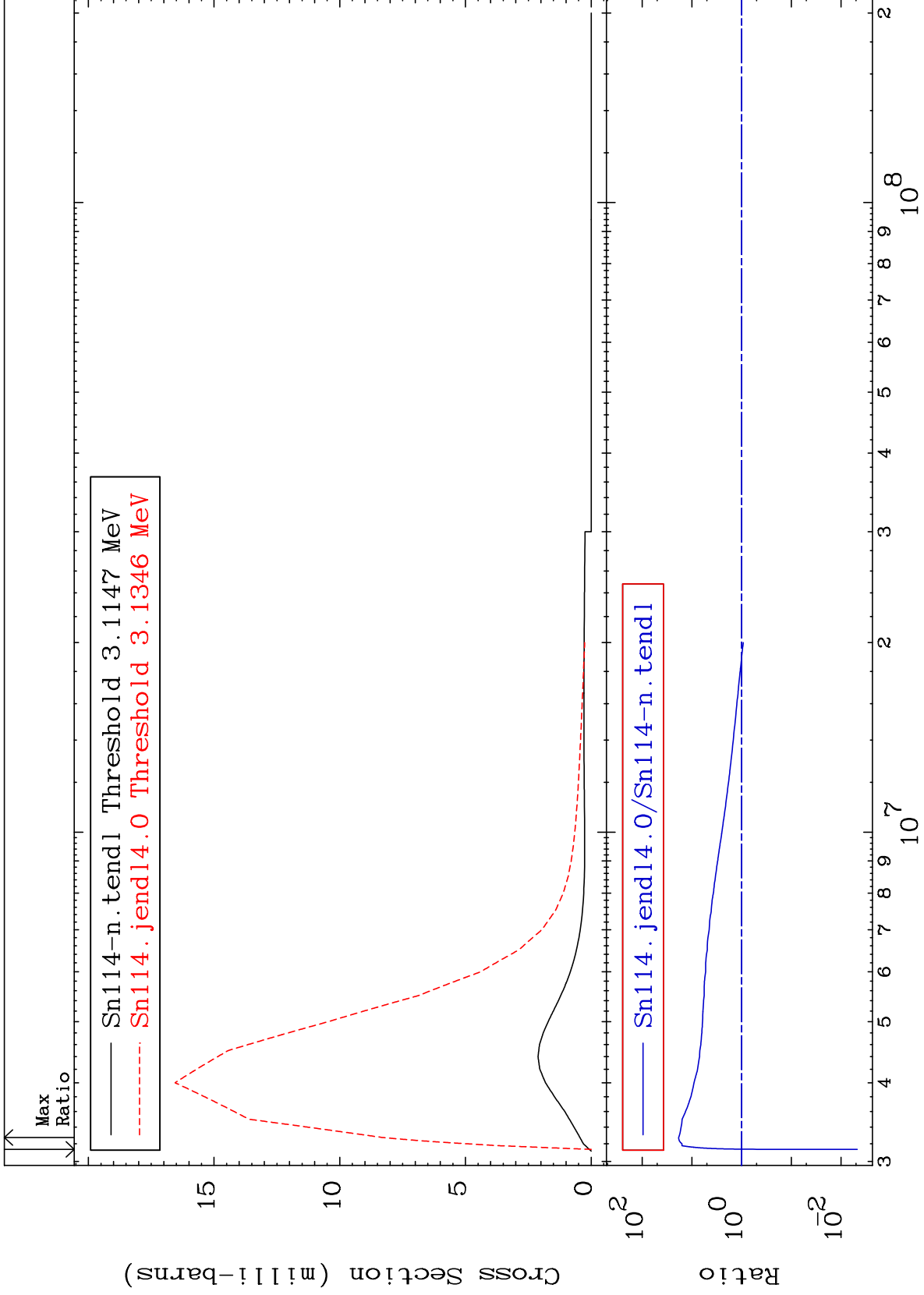
50-Sn-114  
-79.68 To 127.2 %



MAT 5031

3.087 MeV (n,n') Level  
Cross Section

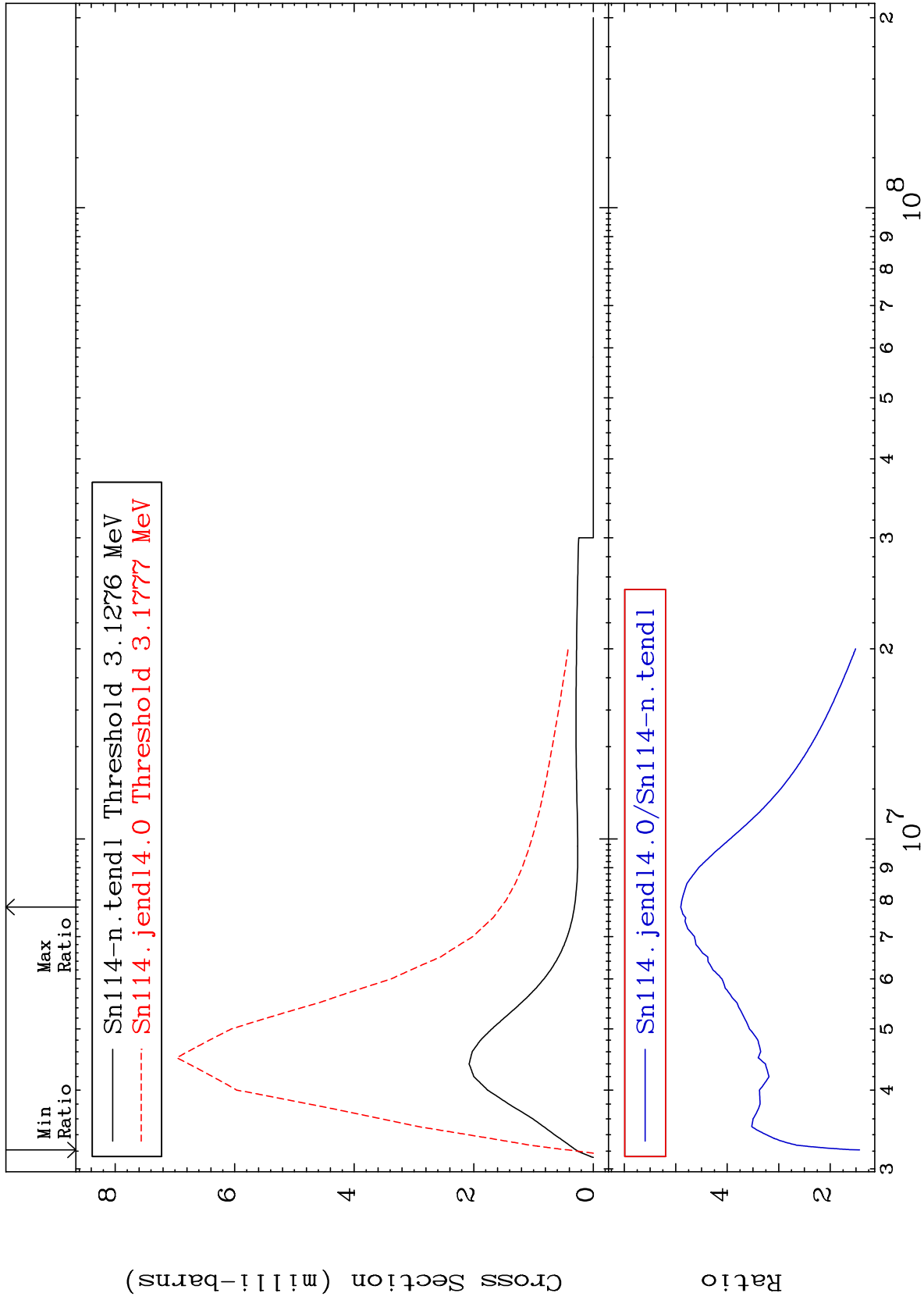
50-Sn-114  
-99.53 To 1752. %



MAT 5031

3.100 MeV (n,n') Level  
Cross Section

42.94 To 390.3 %  
50-Sn-114



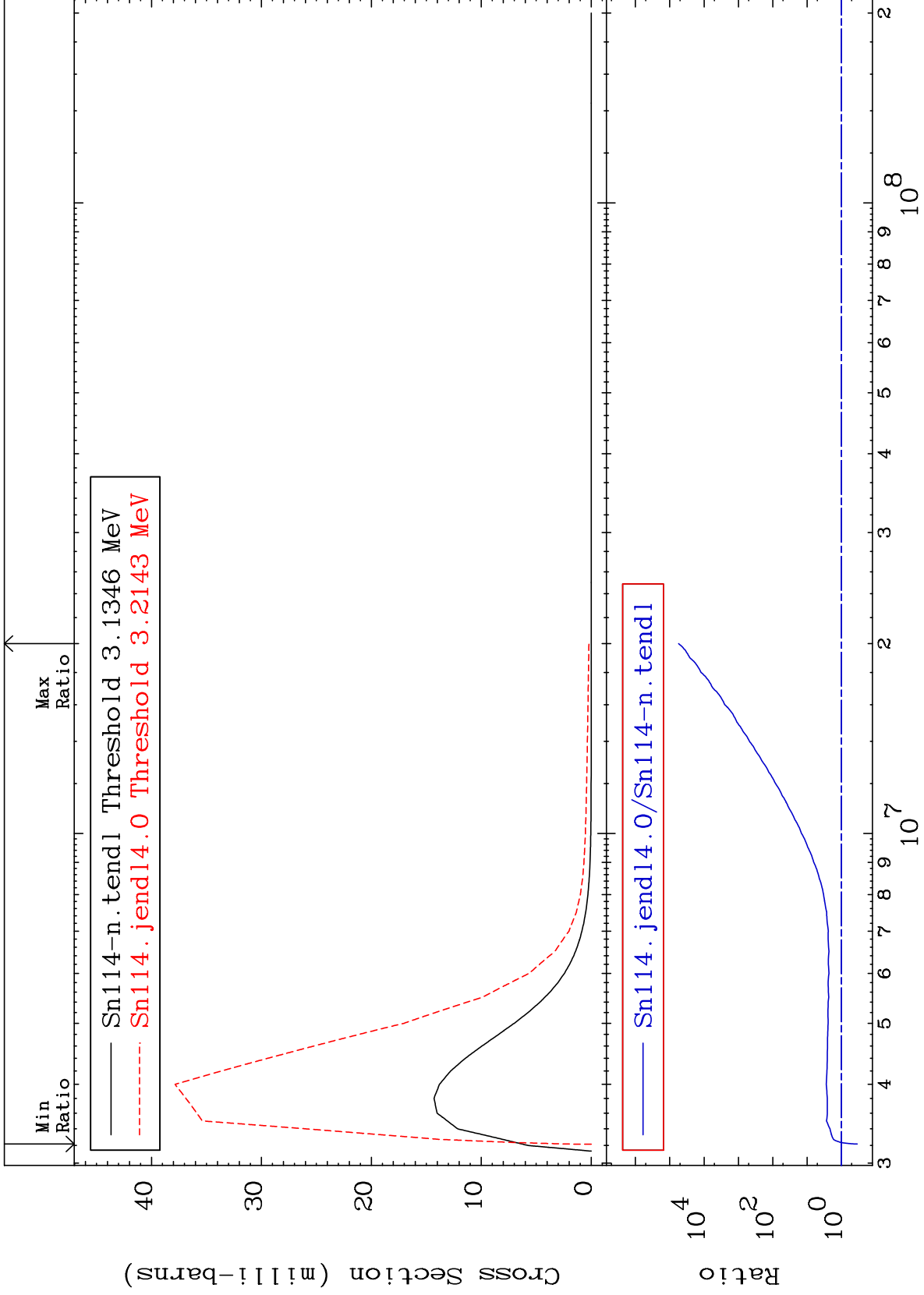
35

50-Sn-114

MAT 5031

3.107 MeV (n,n') Level  
Cross Section

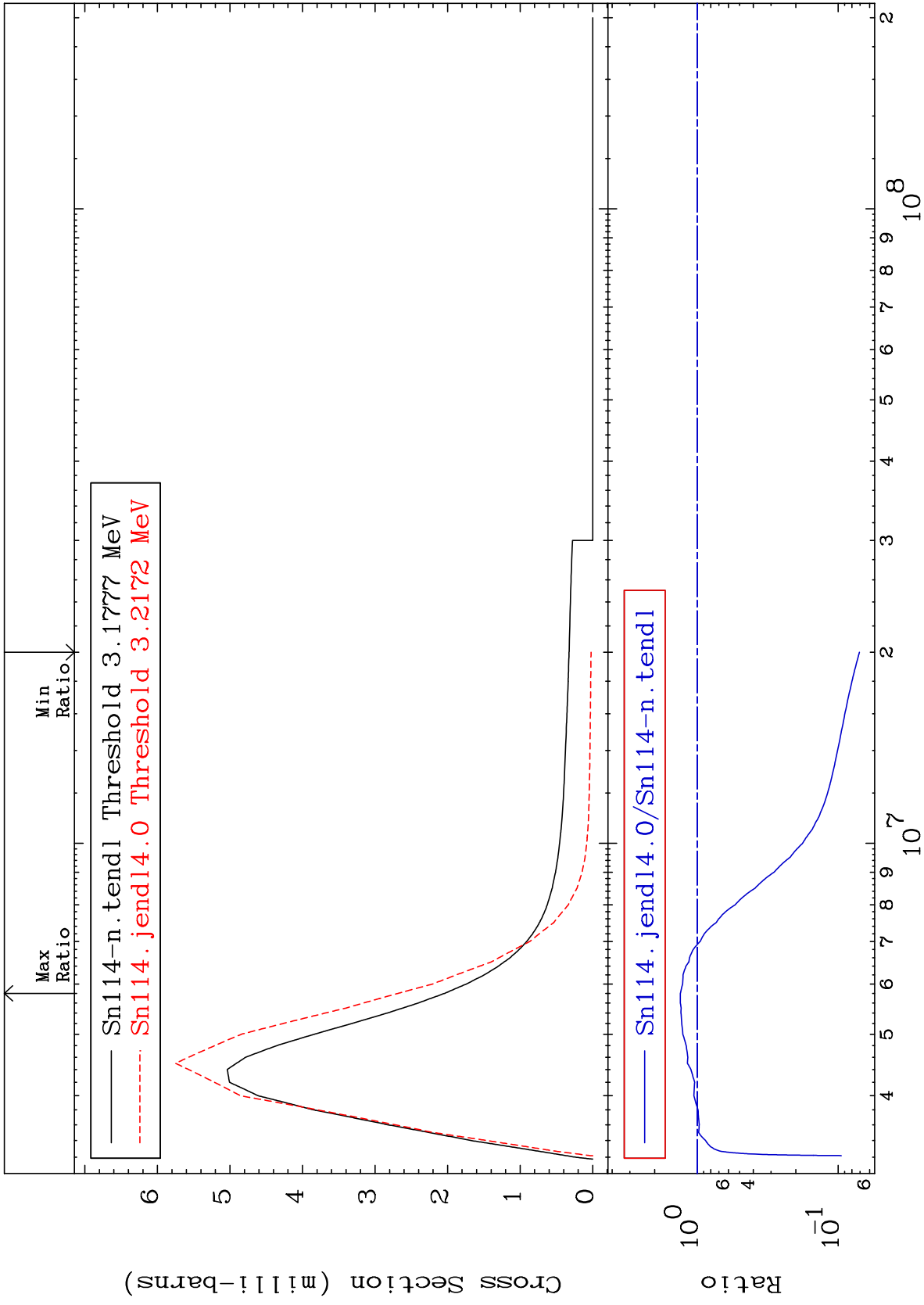
50-Sn-114  
-65.53 To 9999. %



MAT 5031

3.150 MeV (n,n') Level  
Cross Section

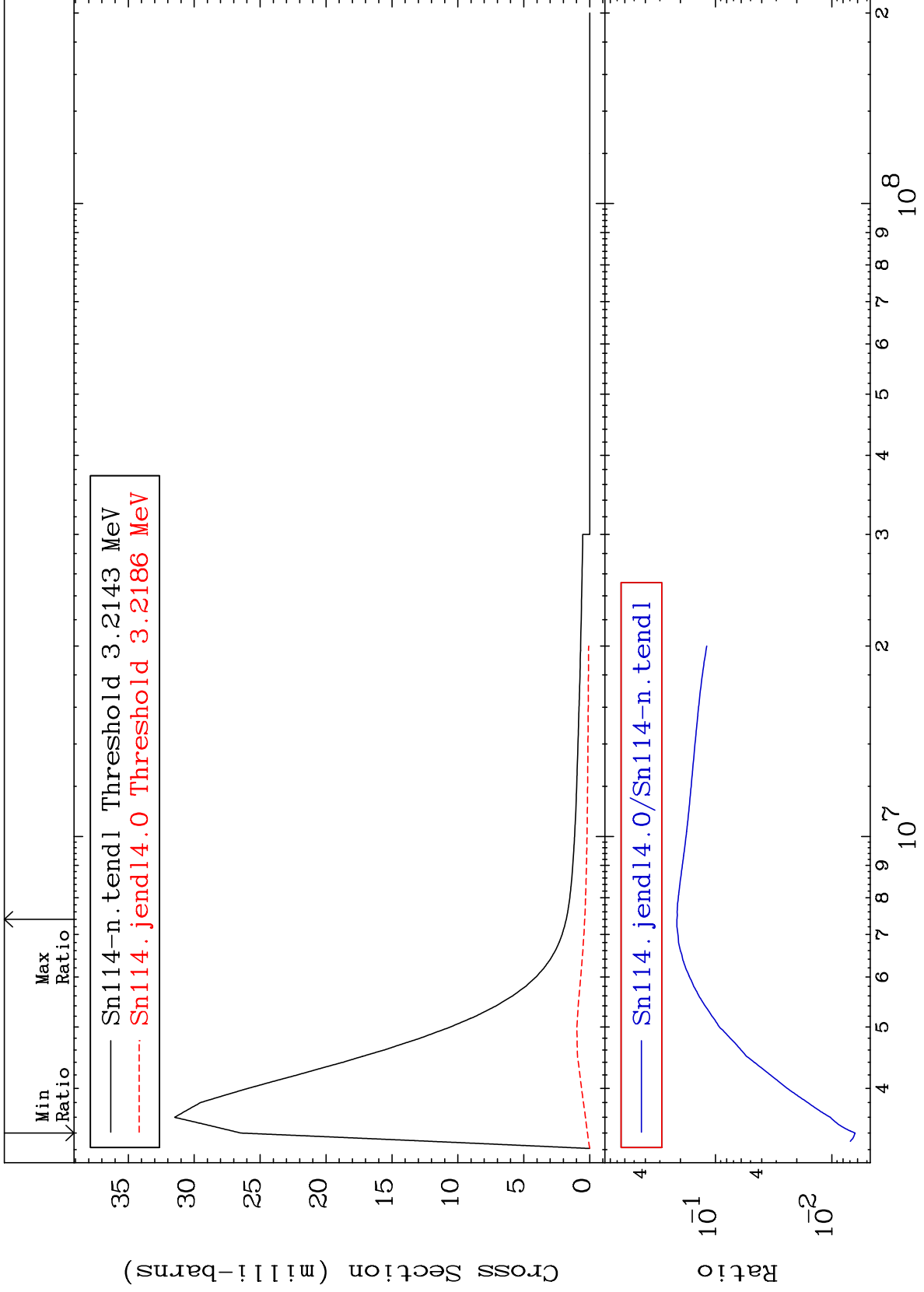
50-Sn-114  
-92.92 To 31.45 %



MAT 5031

3.186 MeV (n,n') Level  
Cross Section

50-Sn-114  
-99.37 To -78.59%



38

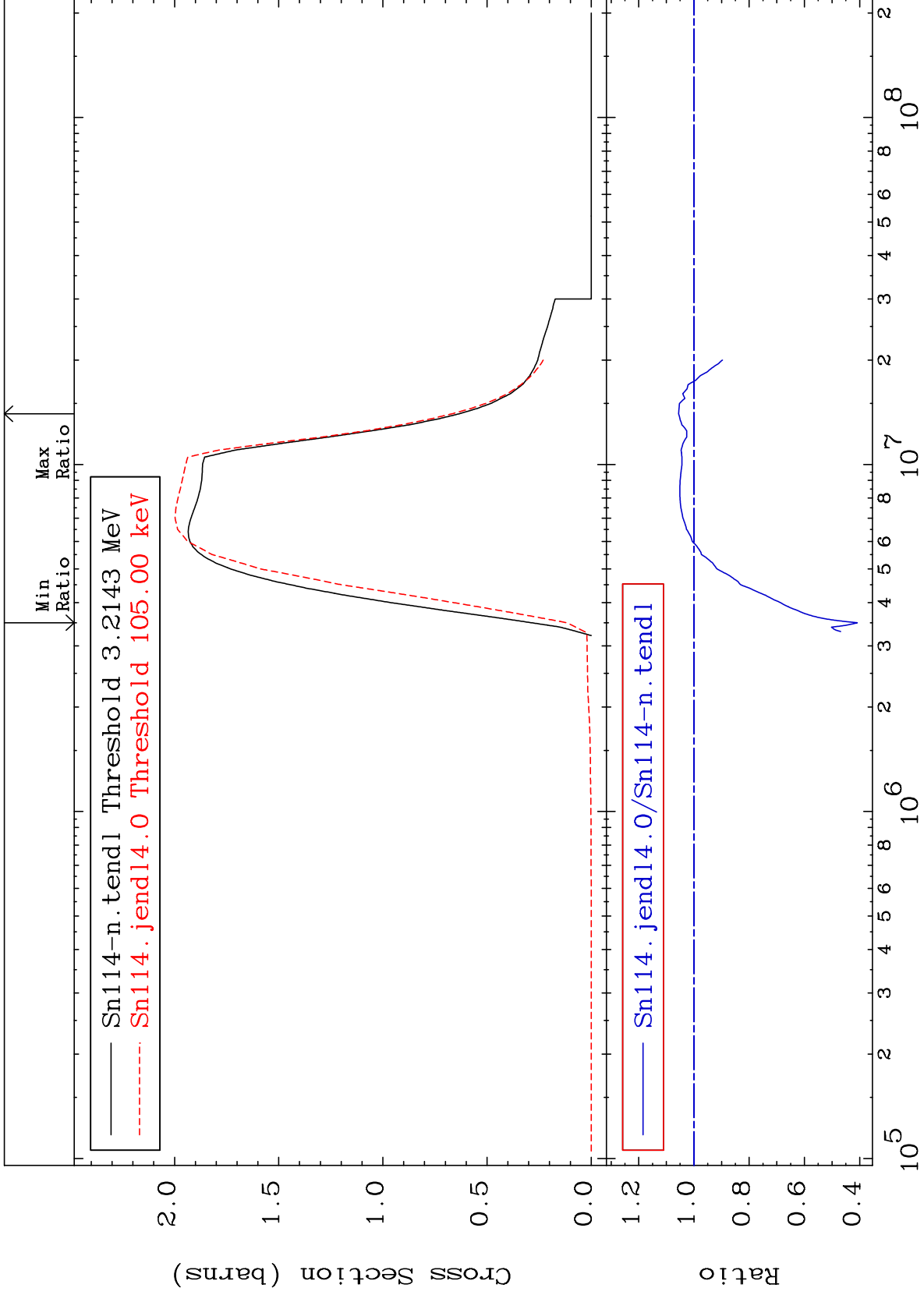
Incident Energy (eV)

50-Sn-114

MAT 5031

(n, n') Continuum  
Cross Section

50-Sn-114  
-59.13 To 5.547 %



39

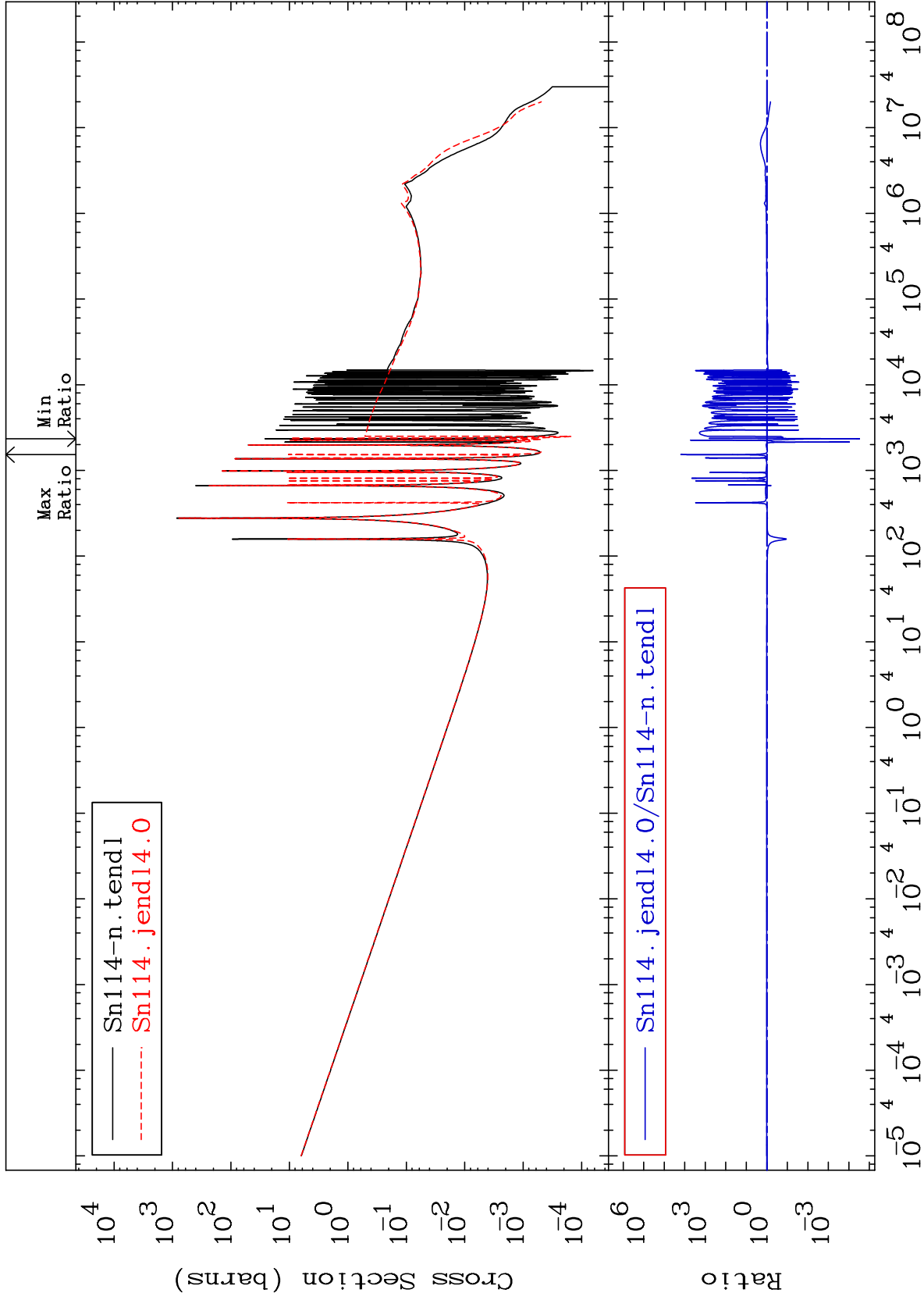
Incident Energy (eV)

50-Sn-114

MAT 5031

(n,  $\gamma$ )  
Cross Section

50-Sn-114  
-100.0 To 9999. %



40

Incident Energy (eV)

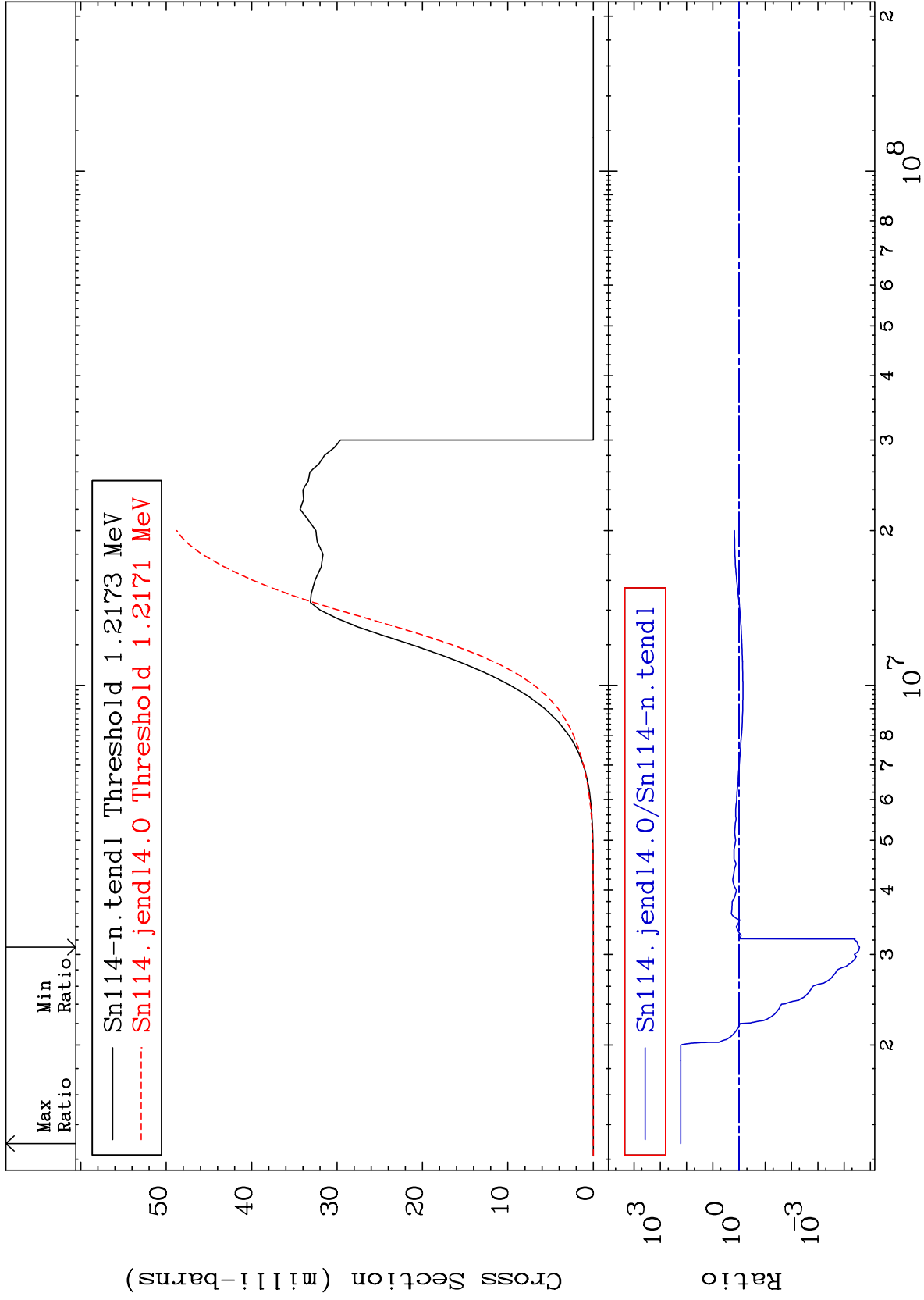
50-Sn-114



MAT 5031

50-Sn-114

(n,p)  
Cross Section  
-100.0 To 9999. %



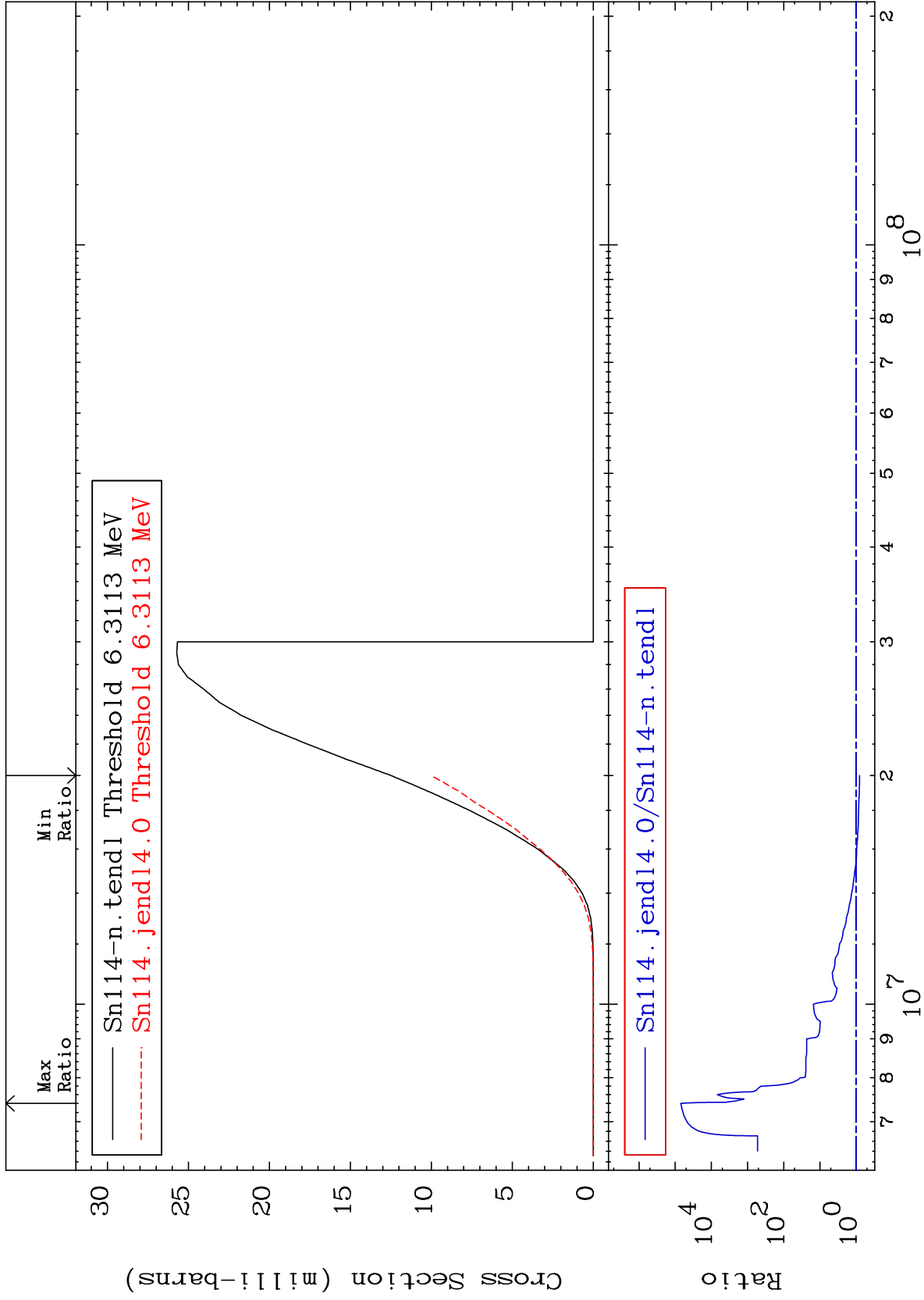
MAT 5031

(n, d)

50-Sn-114

Cross Section

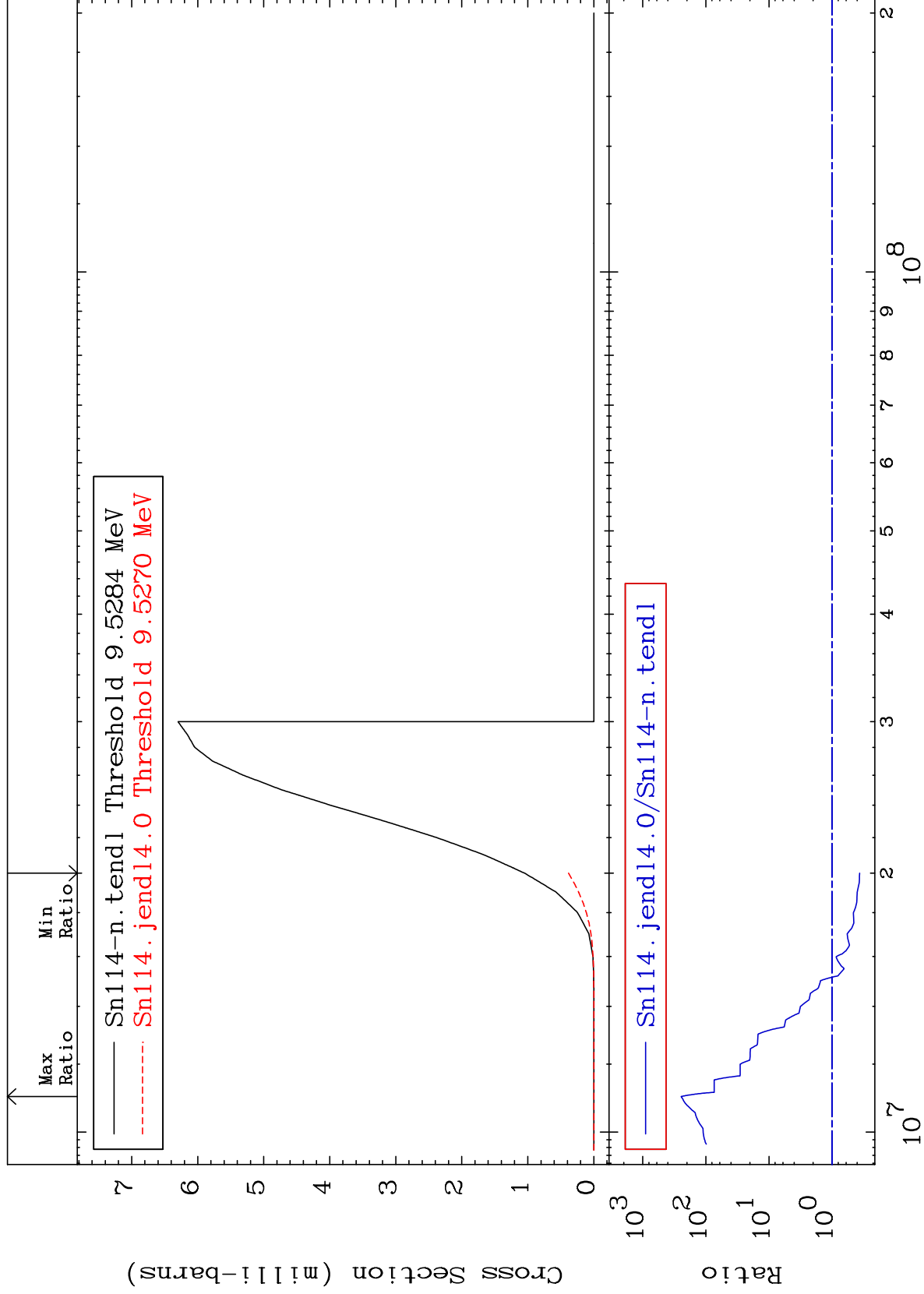
-19.77 To 9999. %



MAT 5031

(n, t)  
Cross Section

50-Sn-114  
-63.42 To 9999. %



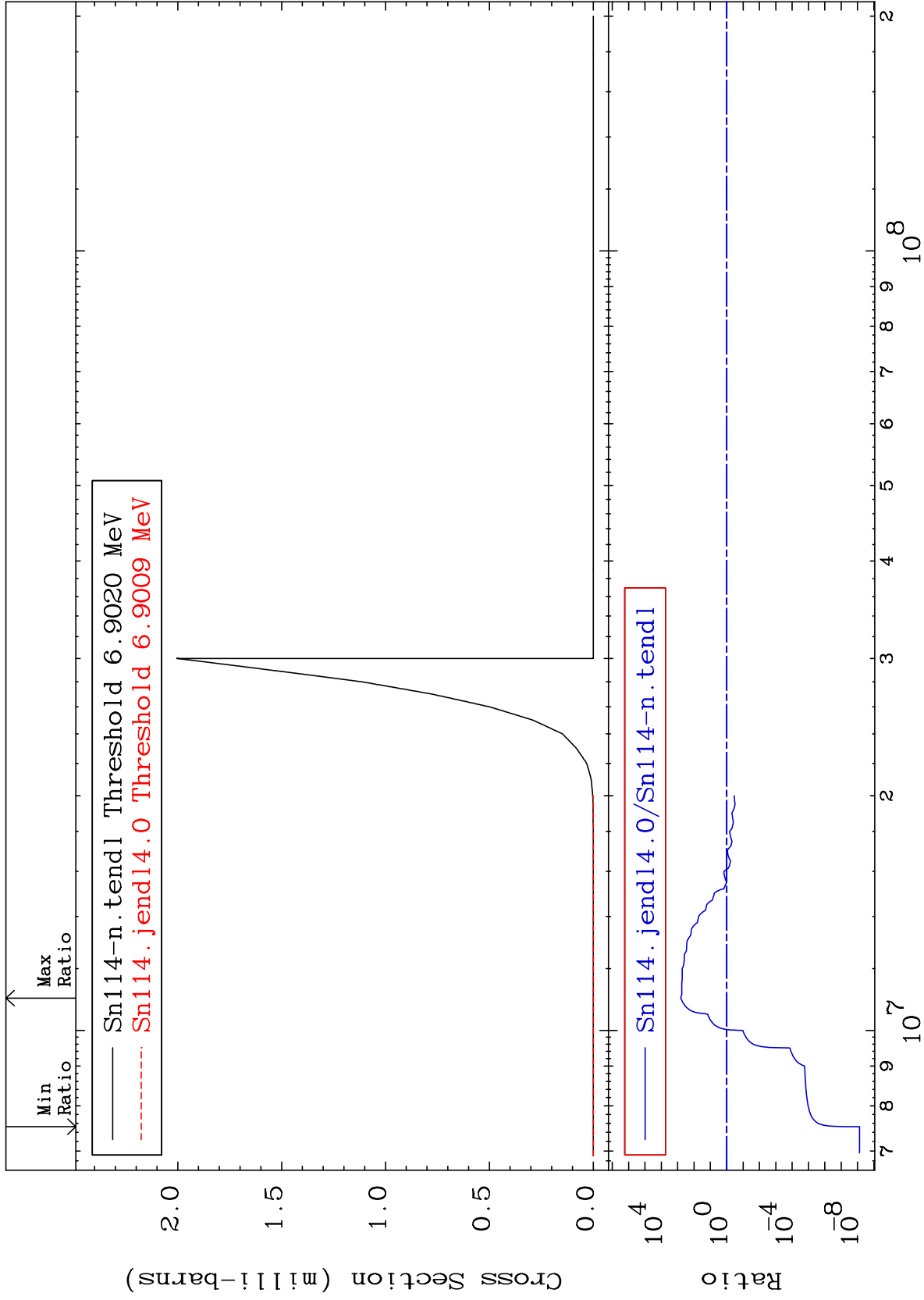
43

Incident Energy (eV)

50-Sn-114

Cross Section

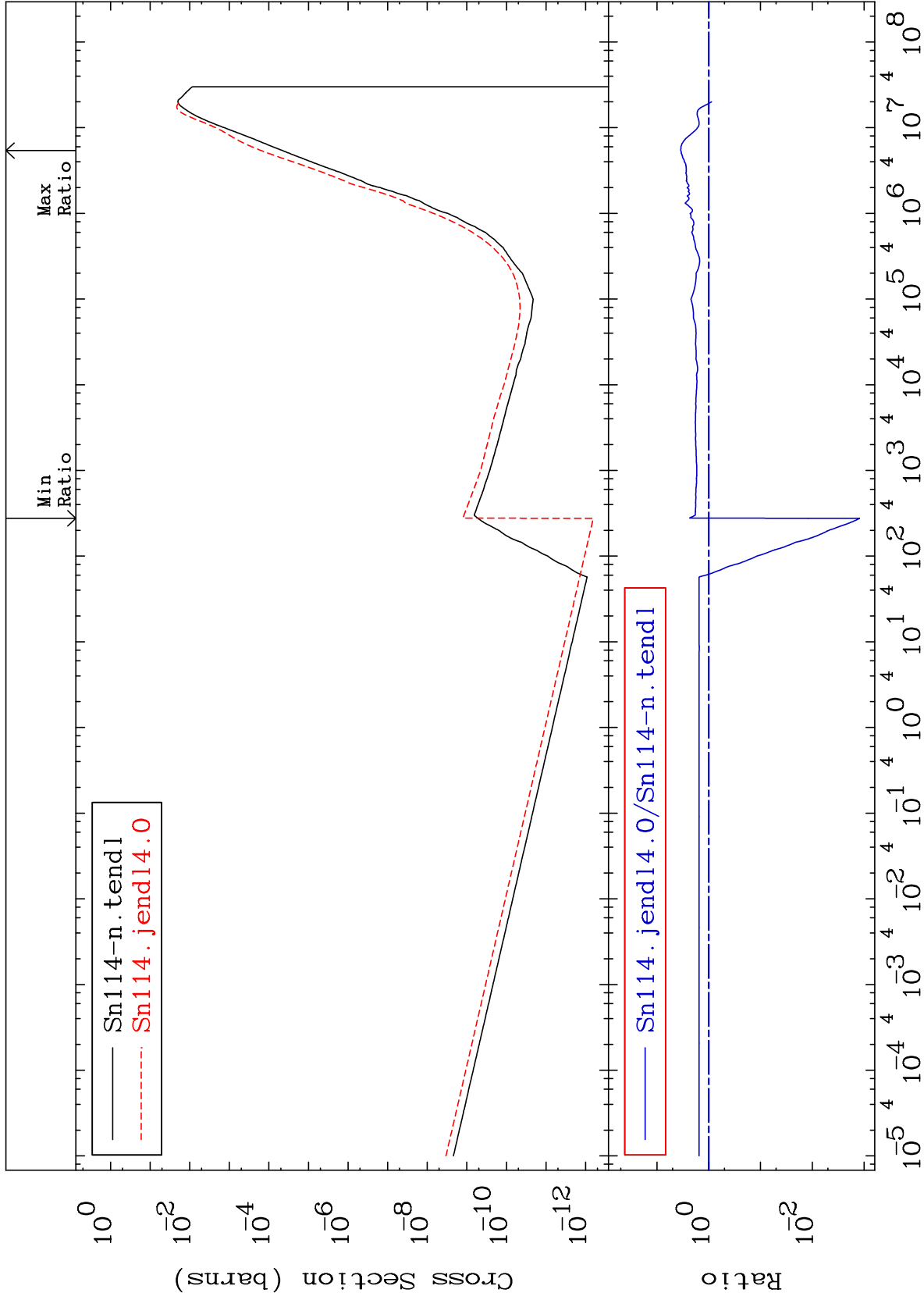
-100.0 To 9999. %



MAT 5031

(n,  $\alpha$ )  
Cross Section

50-Sn-114  
-99.88 To 246.8 %



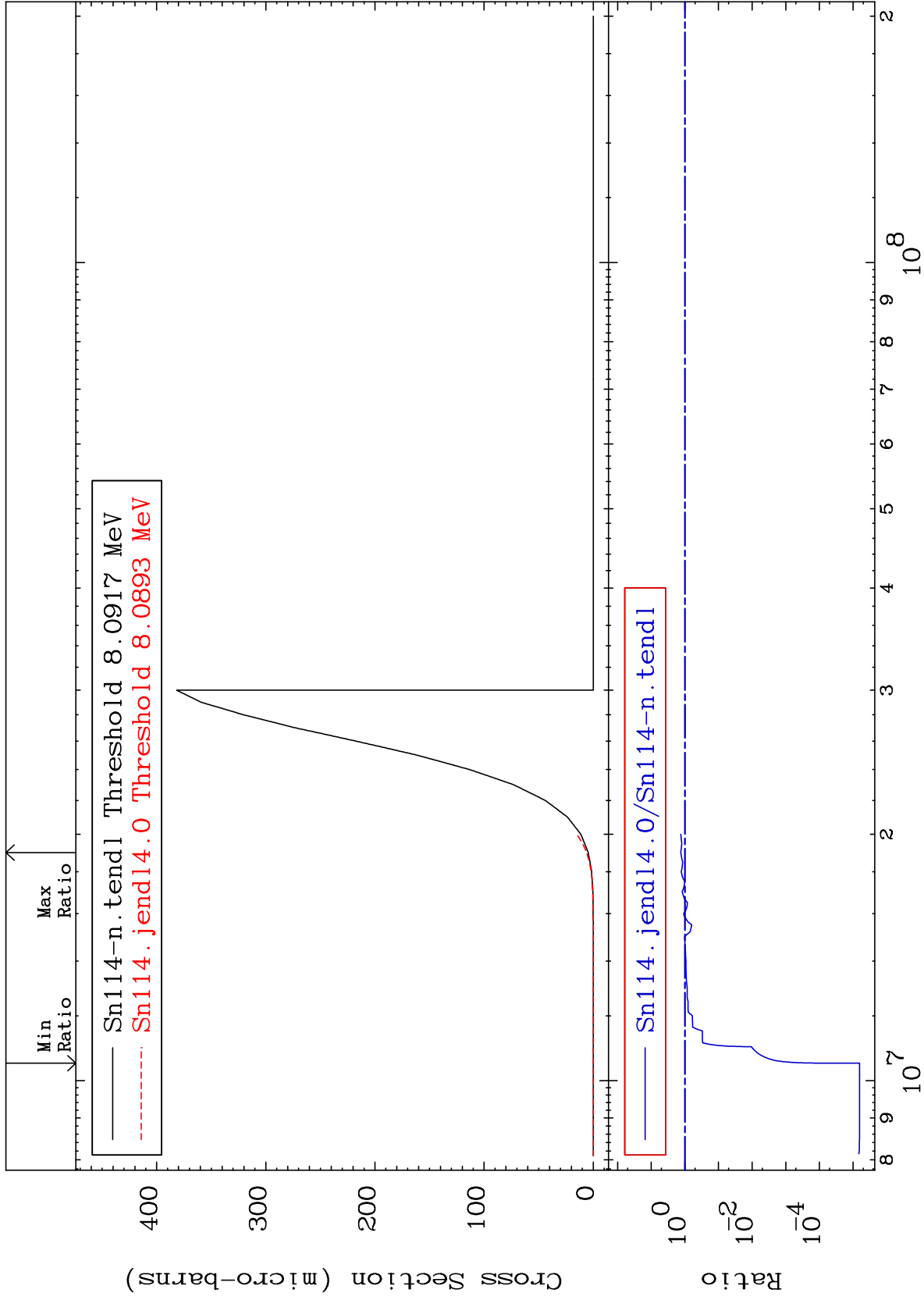
MAT 5031

(n,2p)

50-Sn-114

Cross Section

-100.0 To 32.36 %



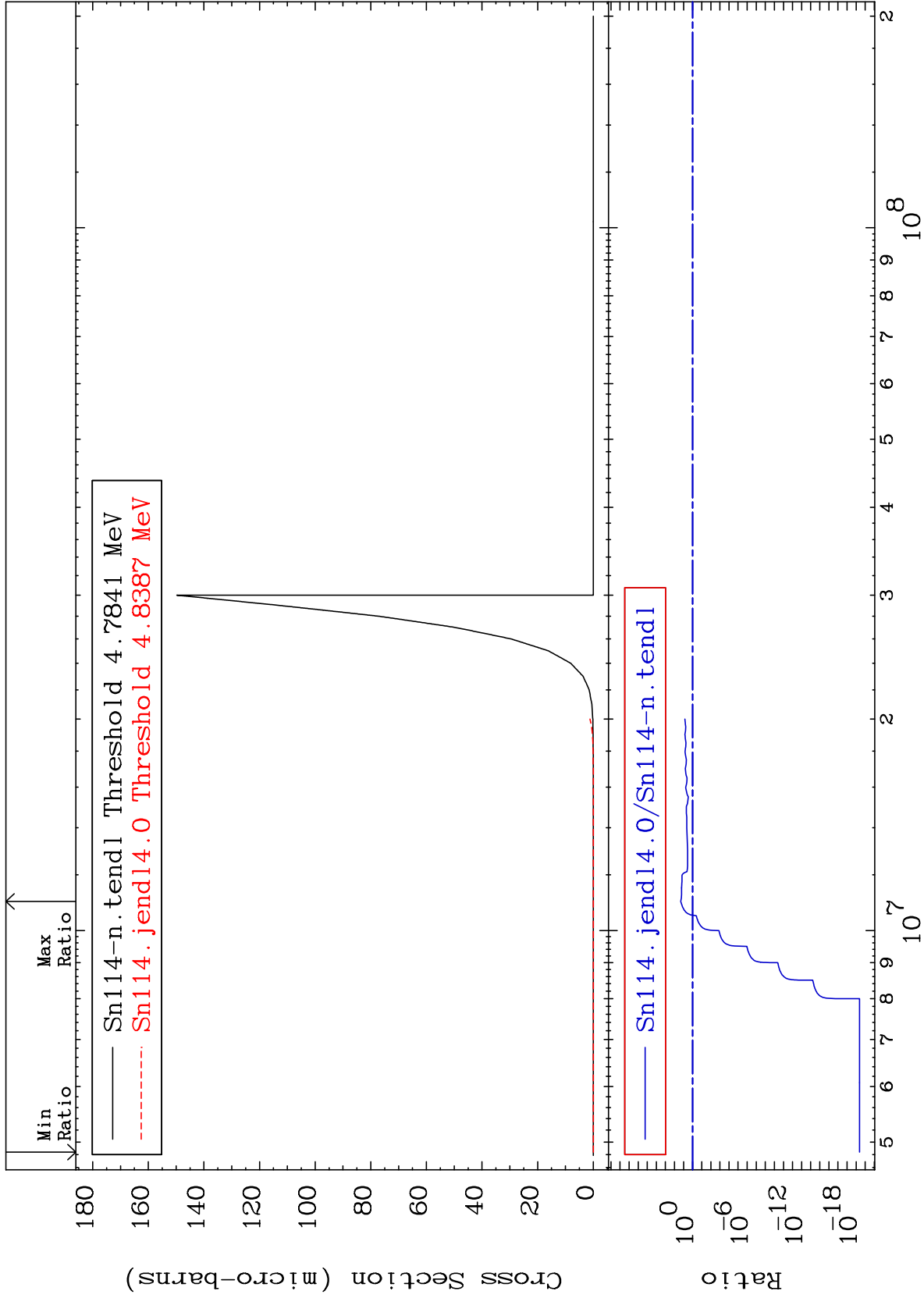
46

Incident Energy (eV)

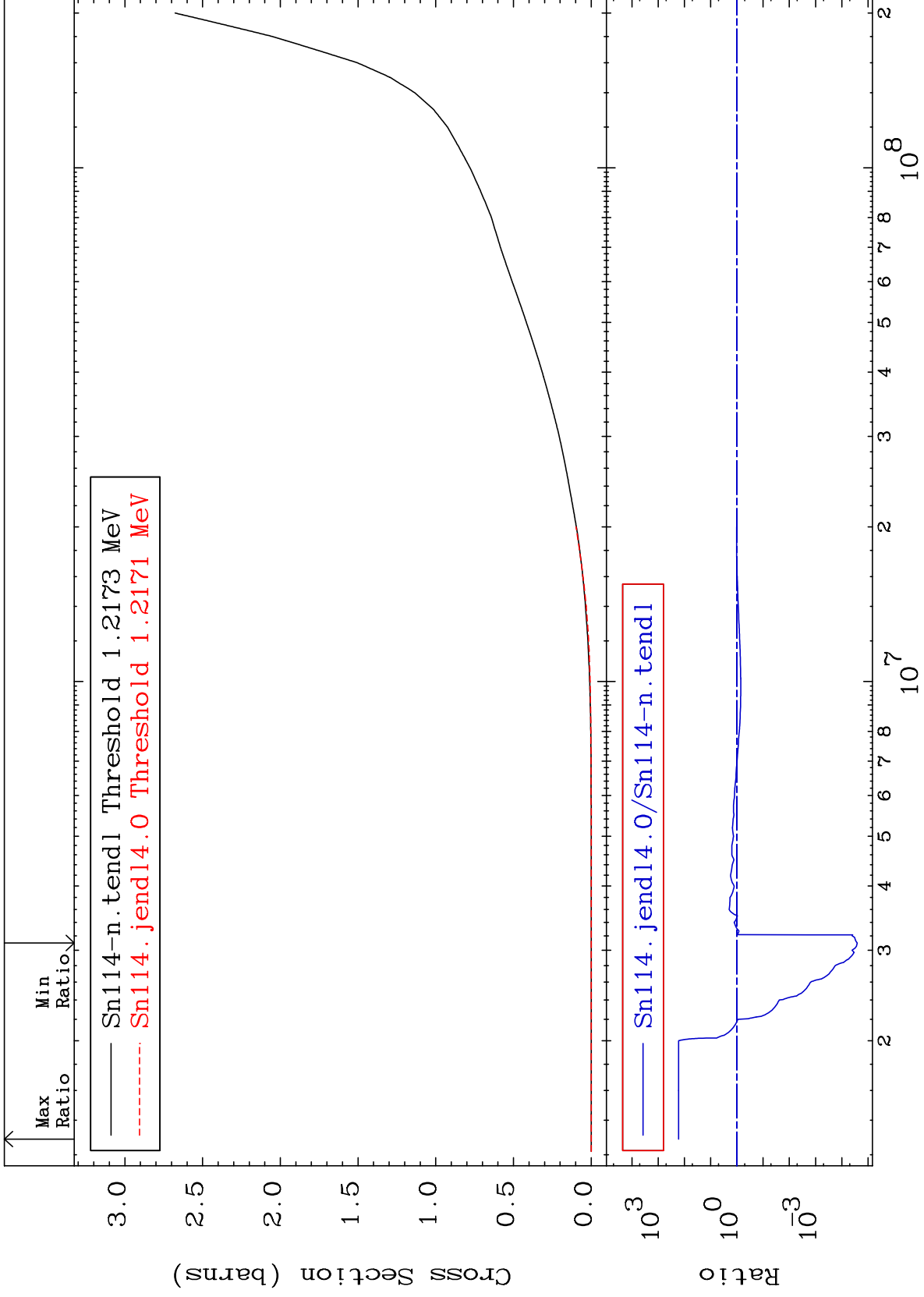
50-Sn-114

MAT 5031

(n,p)  $\alpha$  Cross Section  
50-Sn-114  
-100.0 To 1938. %



47

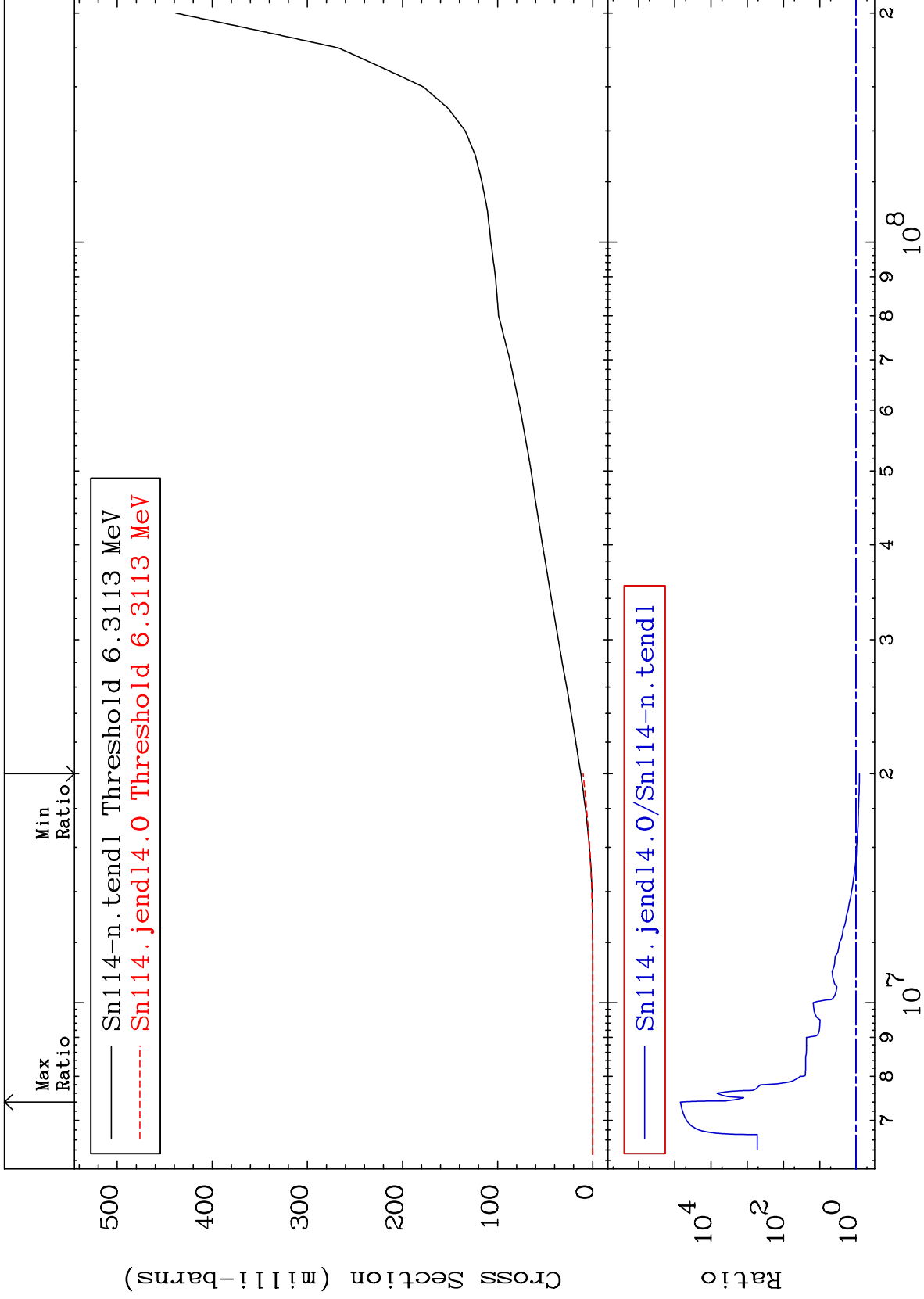




MAT 5031

Deuterium Production  
Cross Section

50-Sn-114  
-19.76 To 9999. %



49

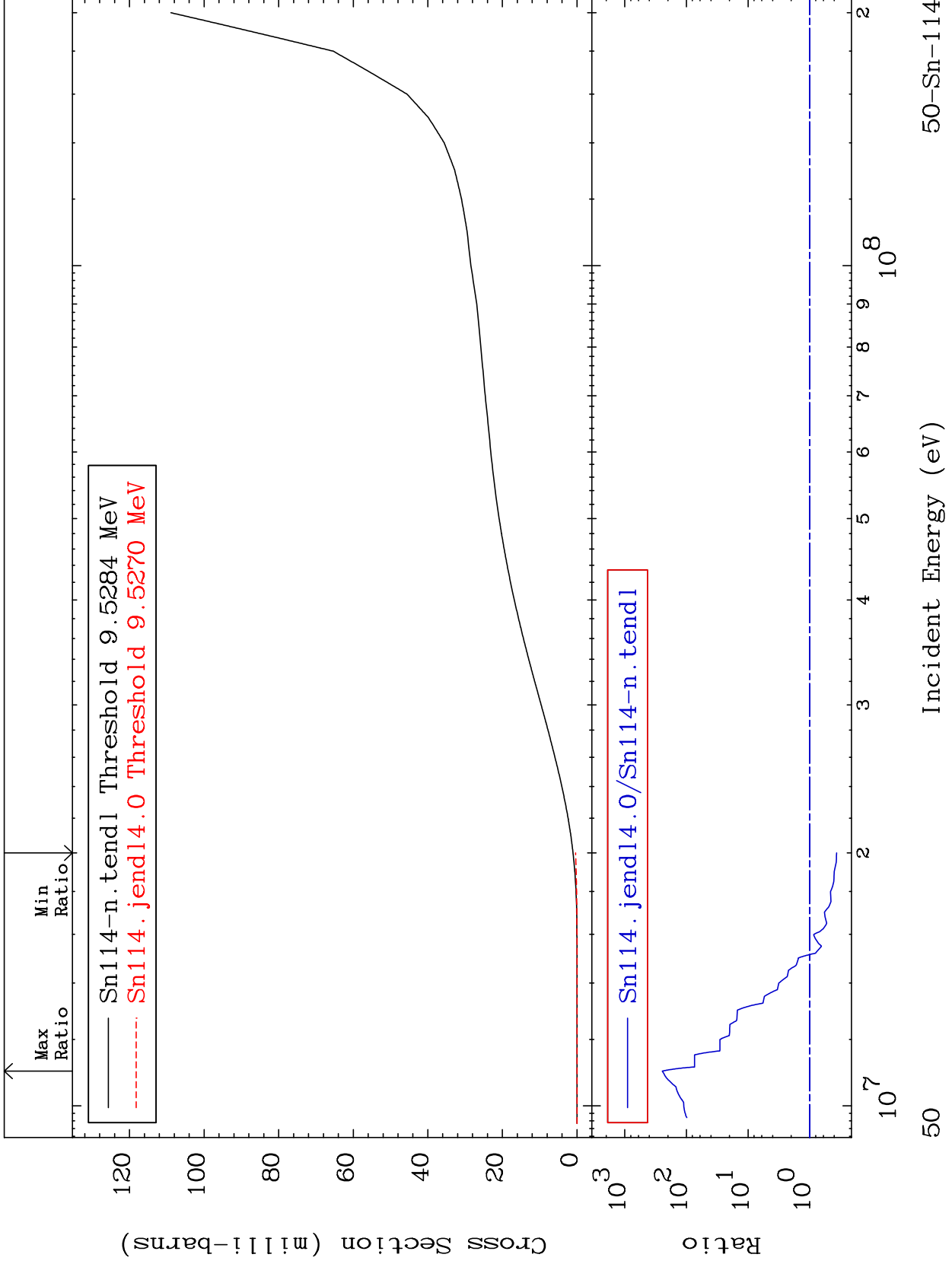
Incident Energy (eV)

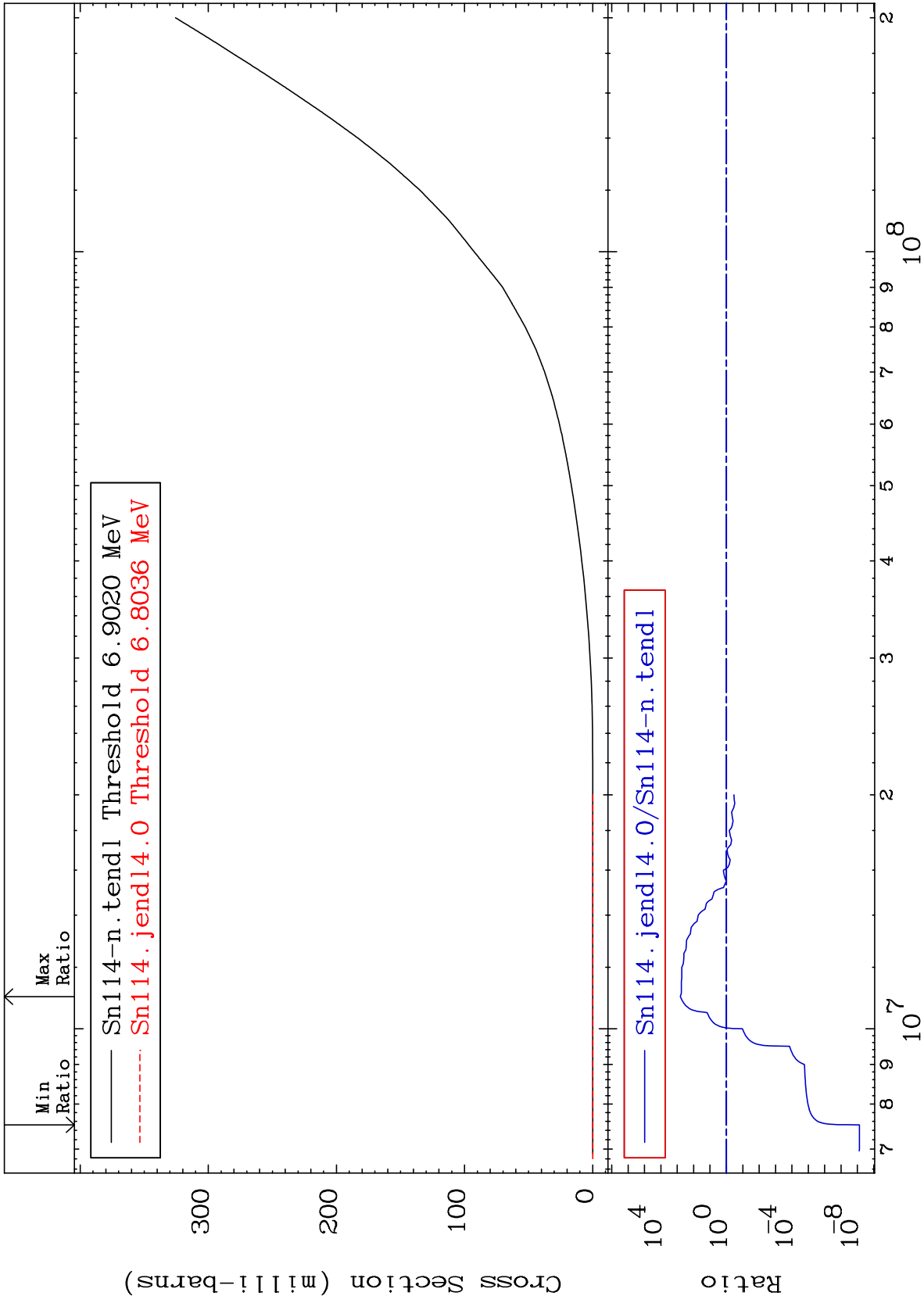
50-Sn-114

MAT 5031

Tritium Production  
Cross Section

50-Sn-114  
-63.42 To 9999. %

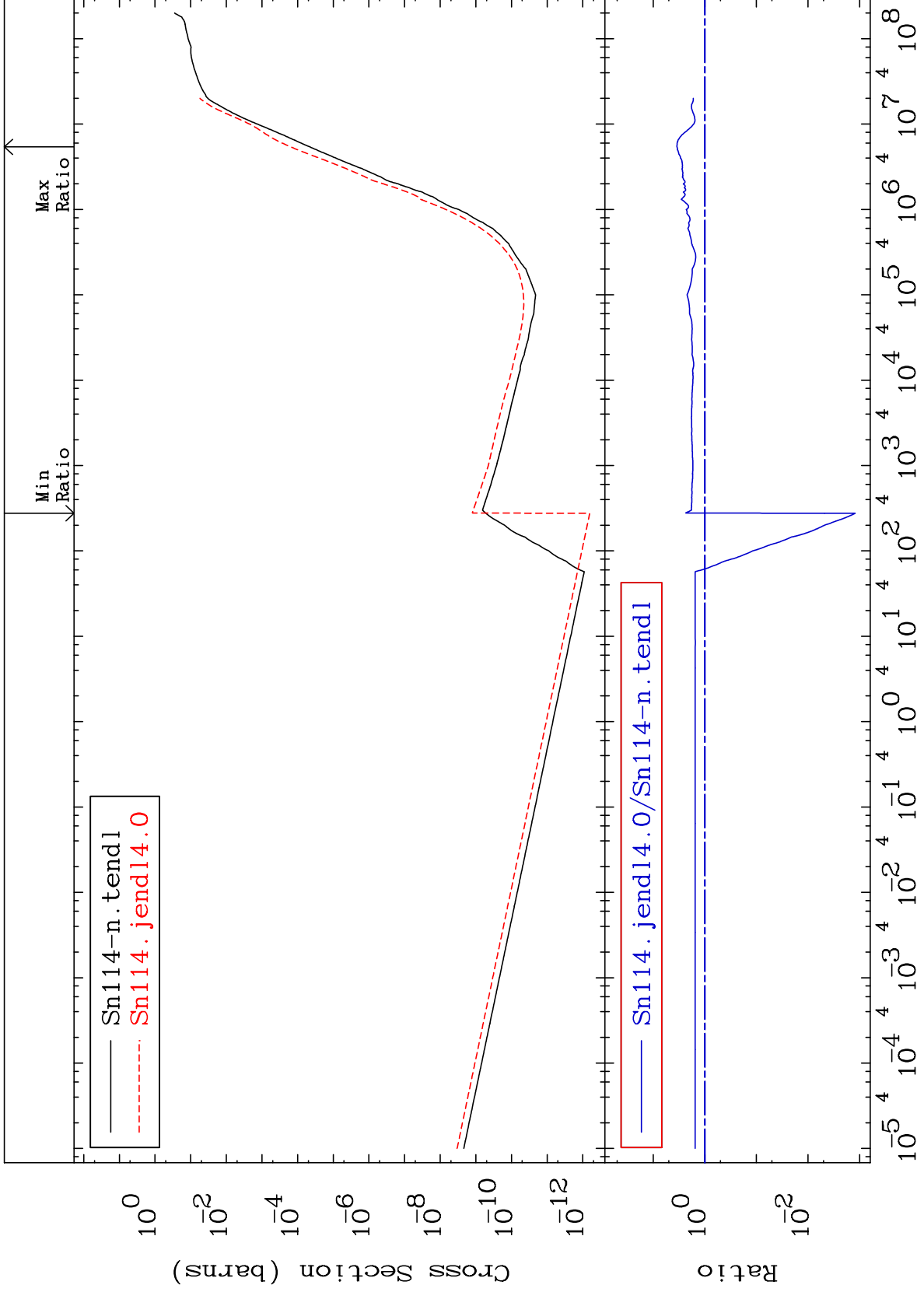


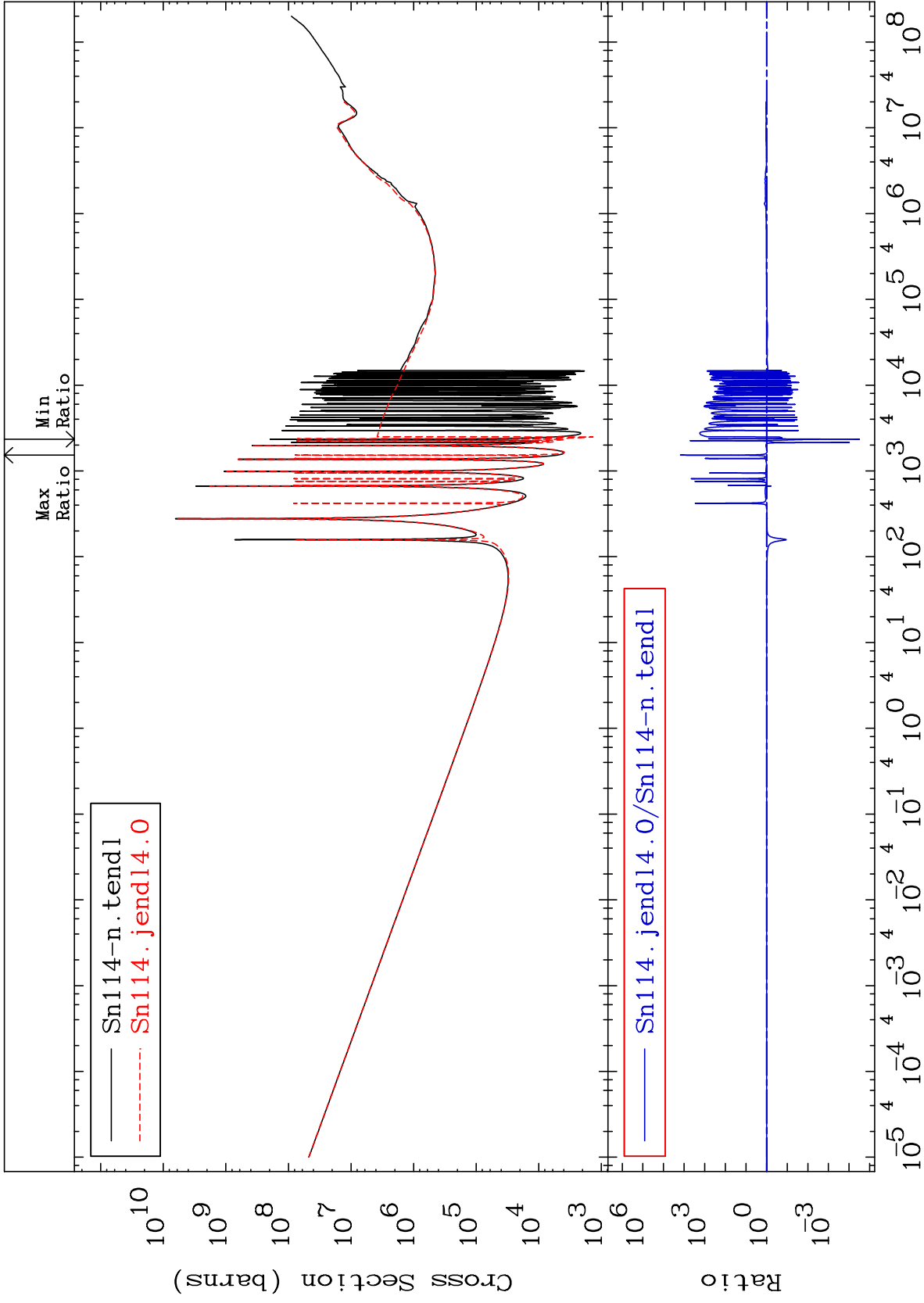


MAT 5031

He-4 Production  
Cross Section

50-Sn-114  
-99.88 To 246.8 %

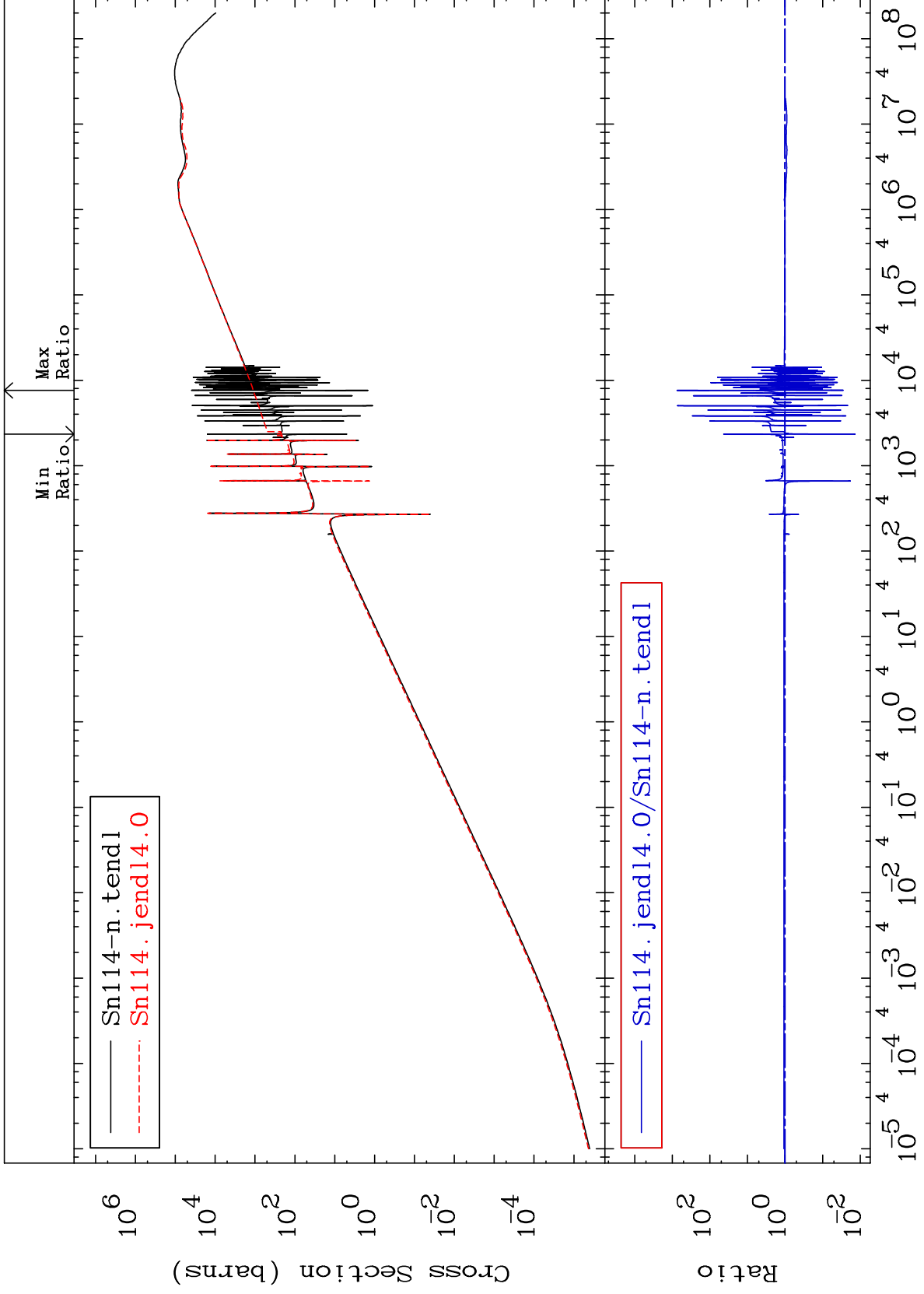


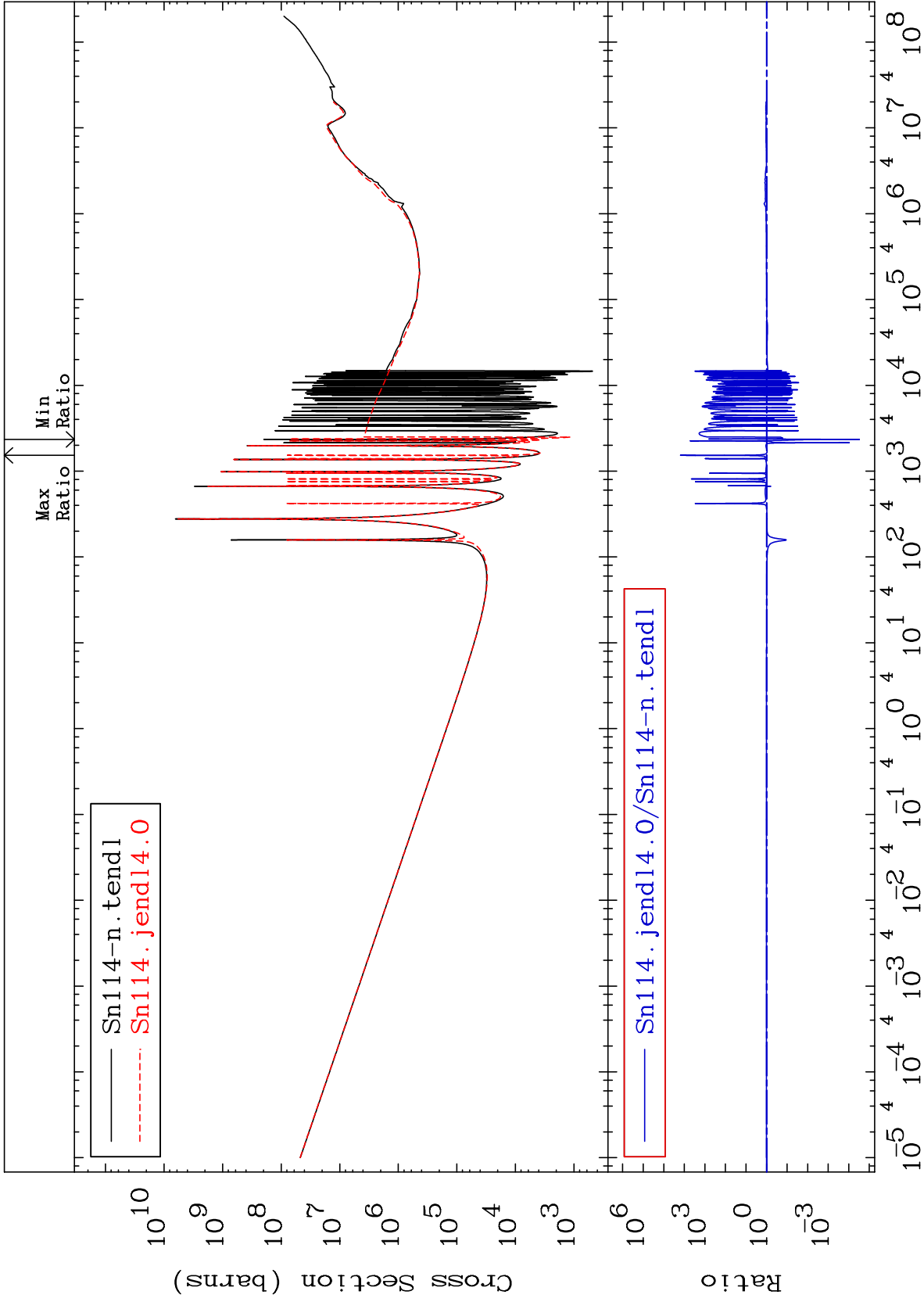


MAT 5031

Kerma elastic  
Cross Section

50-Sn-114  
-98.63 To 9999. %

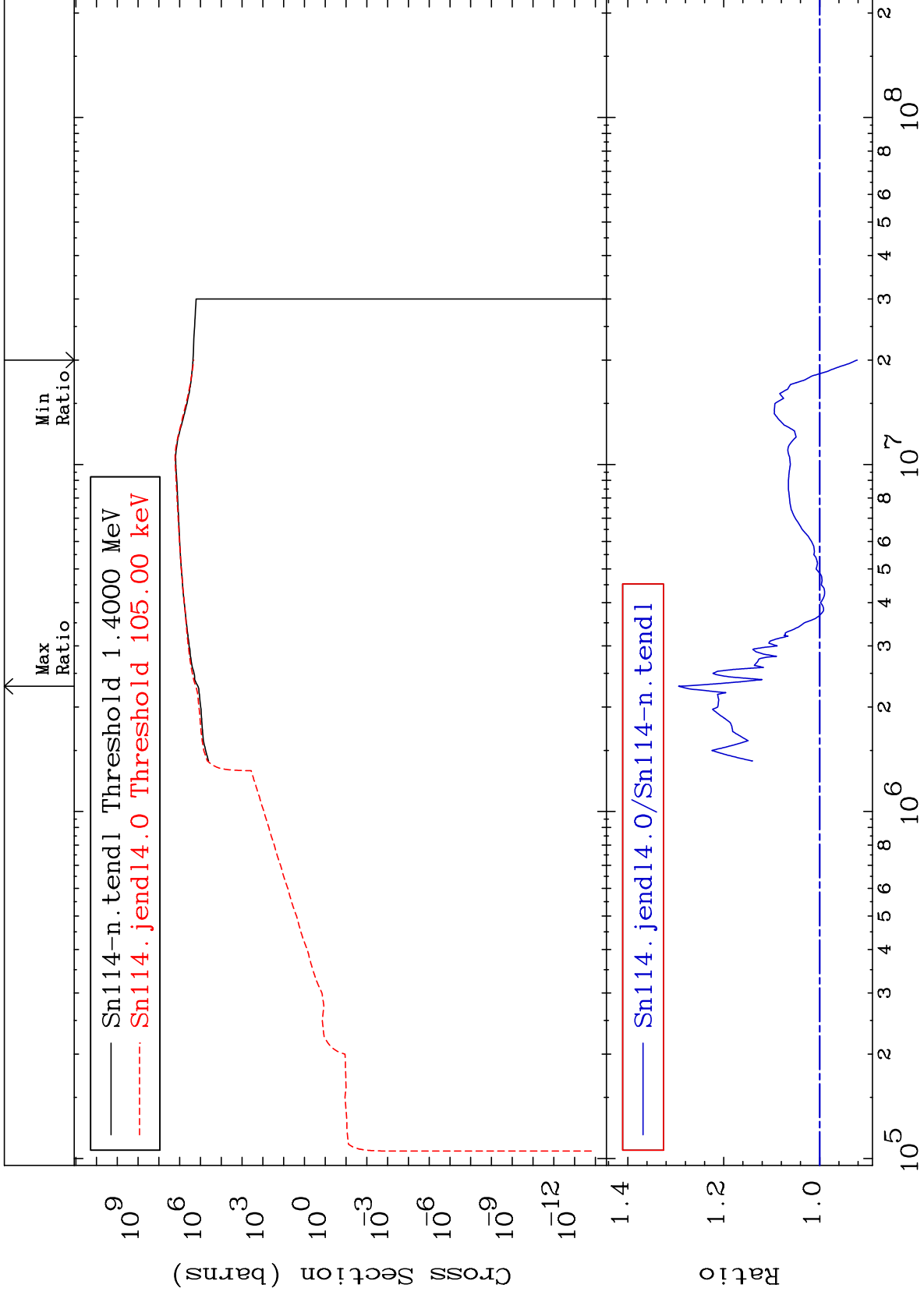




MAT 5031

Kerma inelastic (mt51-91)  
Cross Section

50-Sn-114  
-7.814 To 29.40 %



56

Incident Energy (eV)

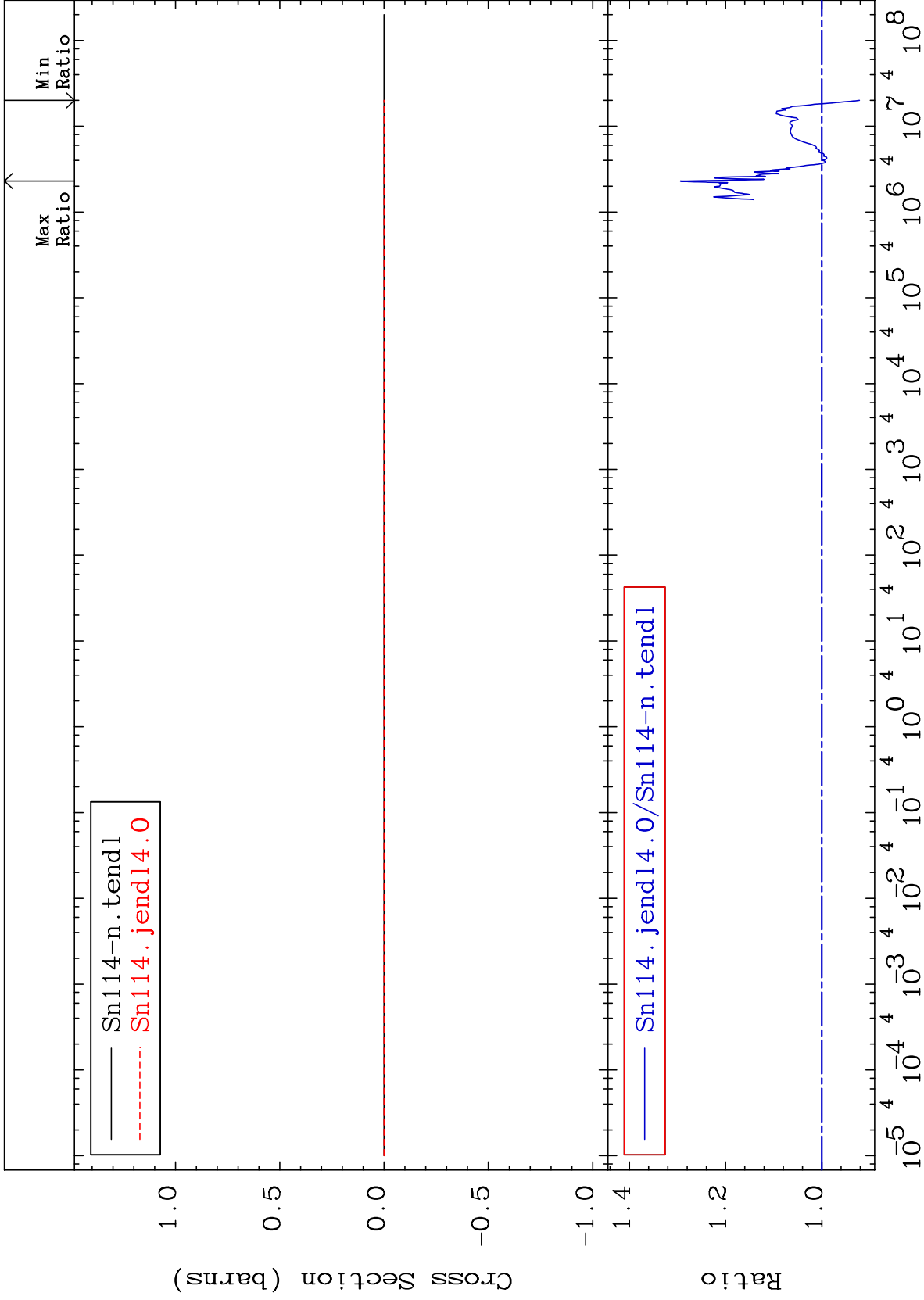
50-Sn-114



MAT 5031

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

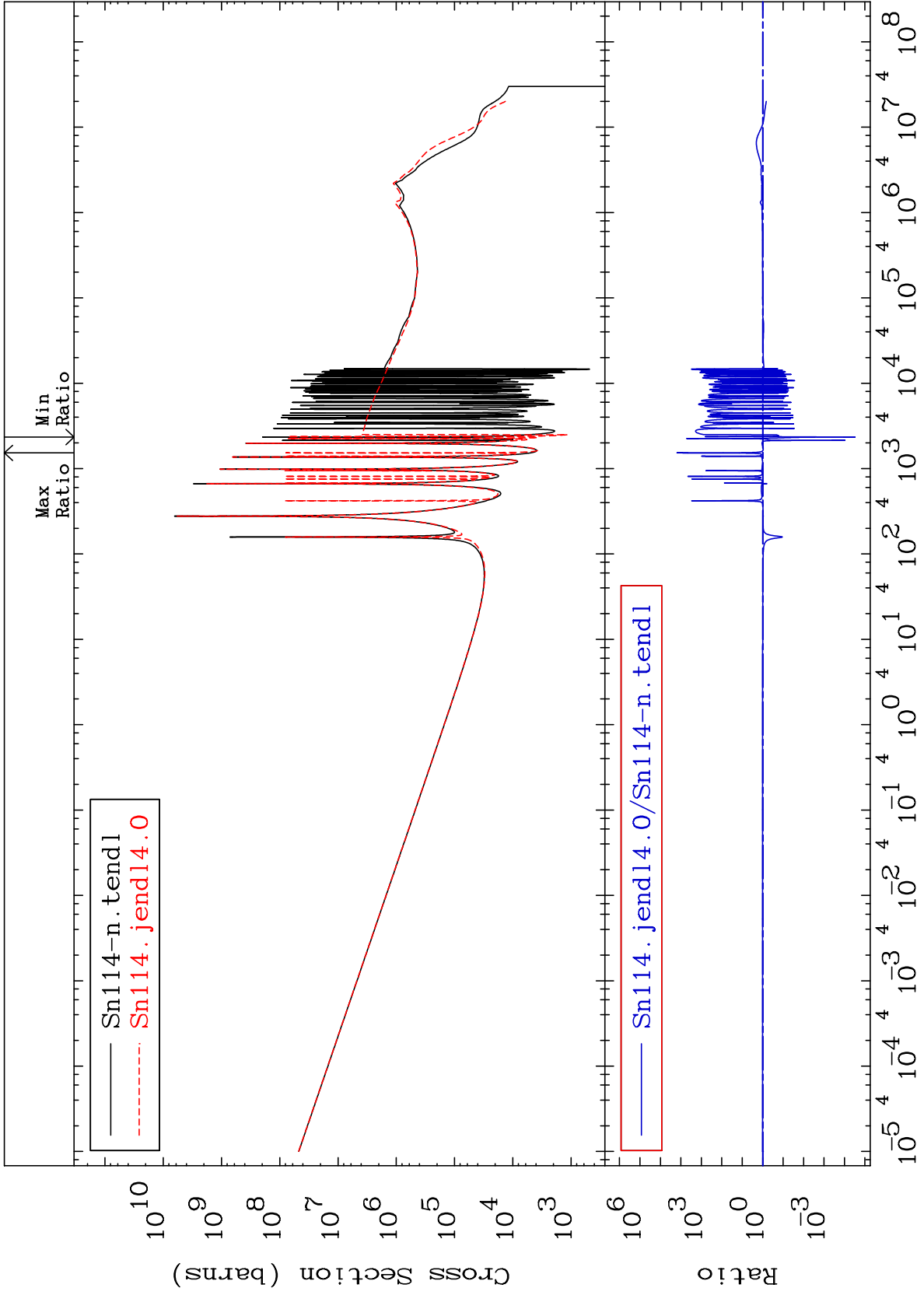
50-Sn-114  
-7.814 To 29.40 %

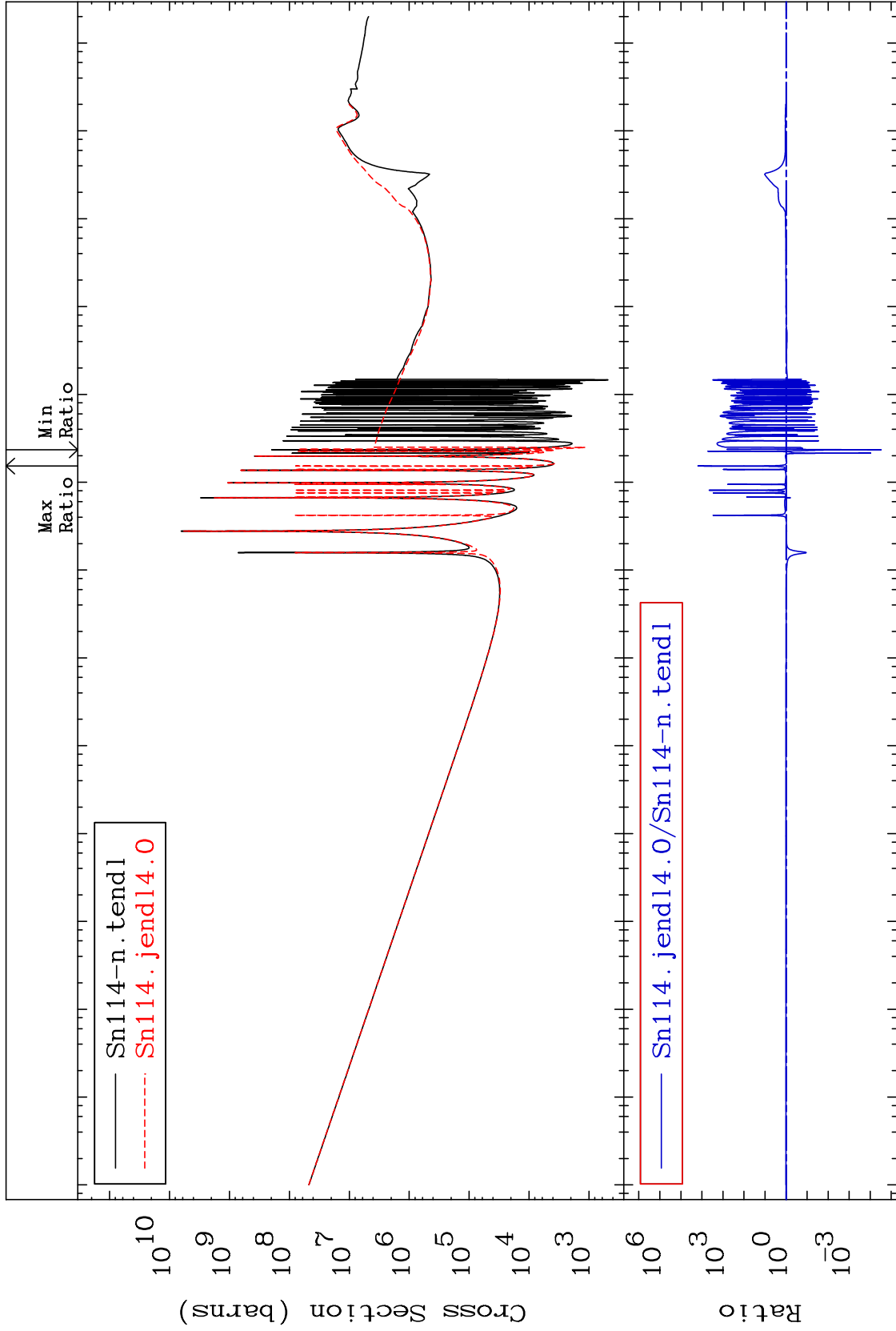


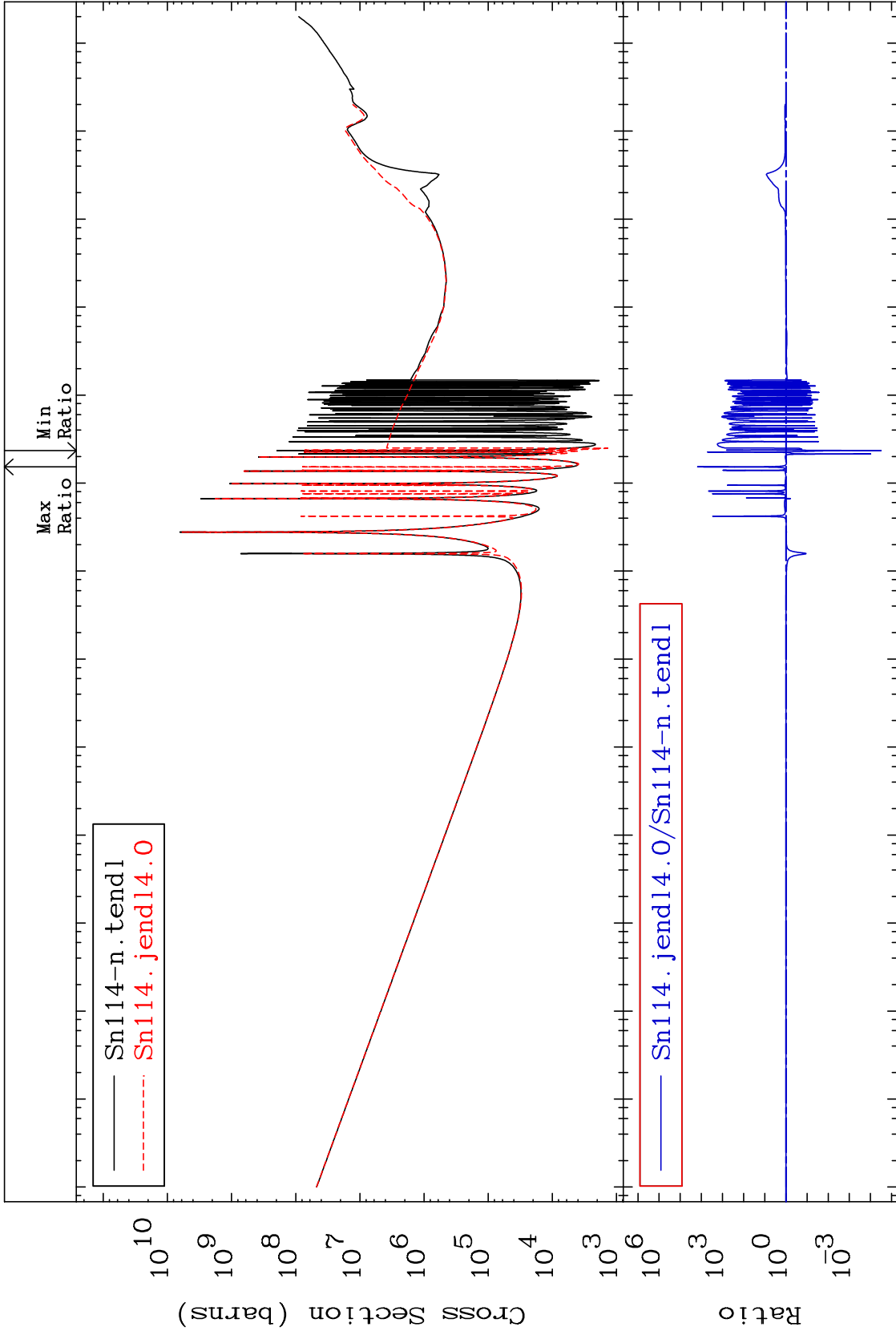
MAT 5031

Kerma capture (mt102)  
Cross Section

50-Sn-114  
-100.0 To 9999. %







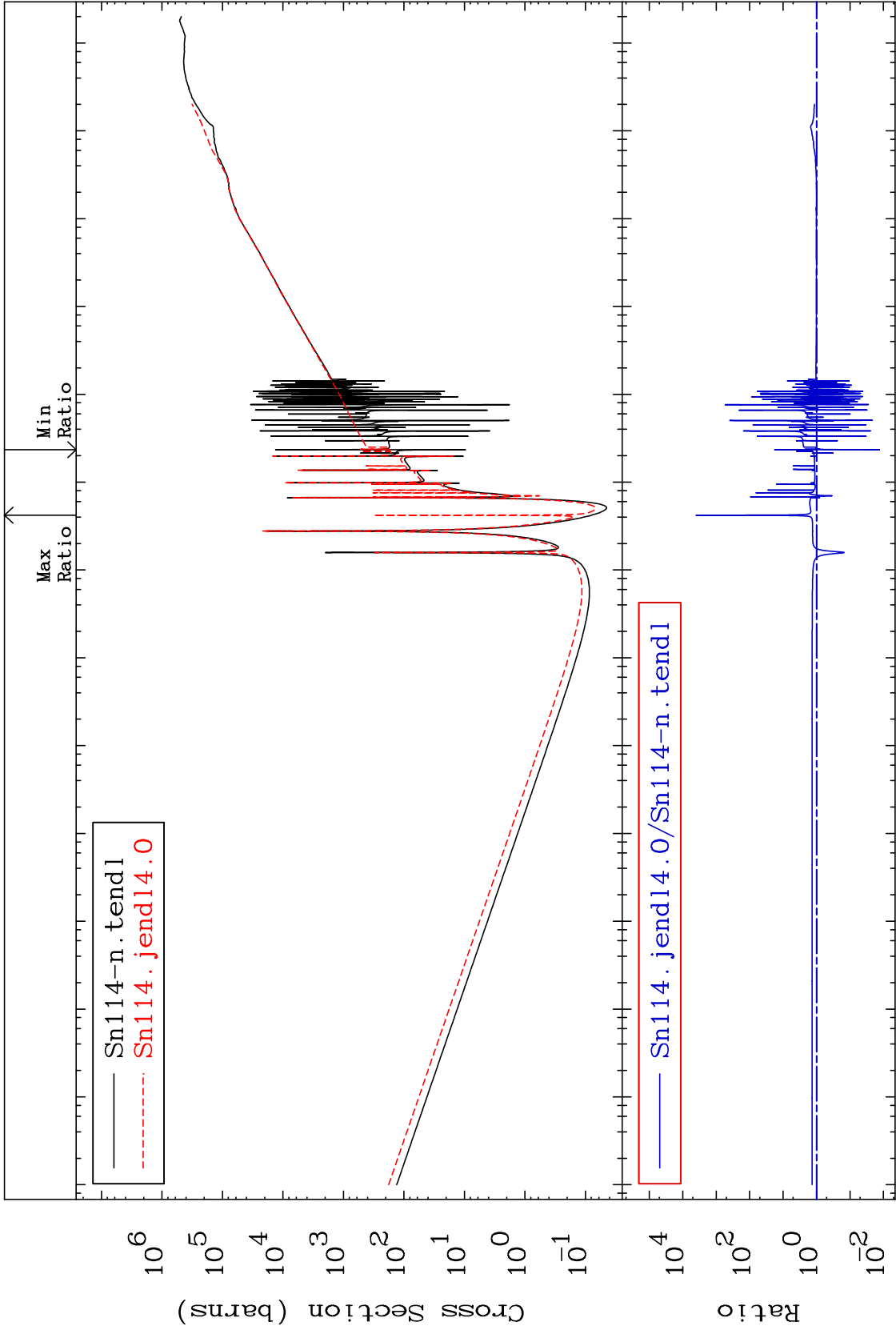
MAT 5031

Dpa total (eV-barns)

50-Sn-114

-98.69 To 9999. %

Cross Section



61

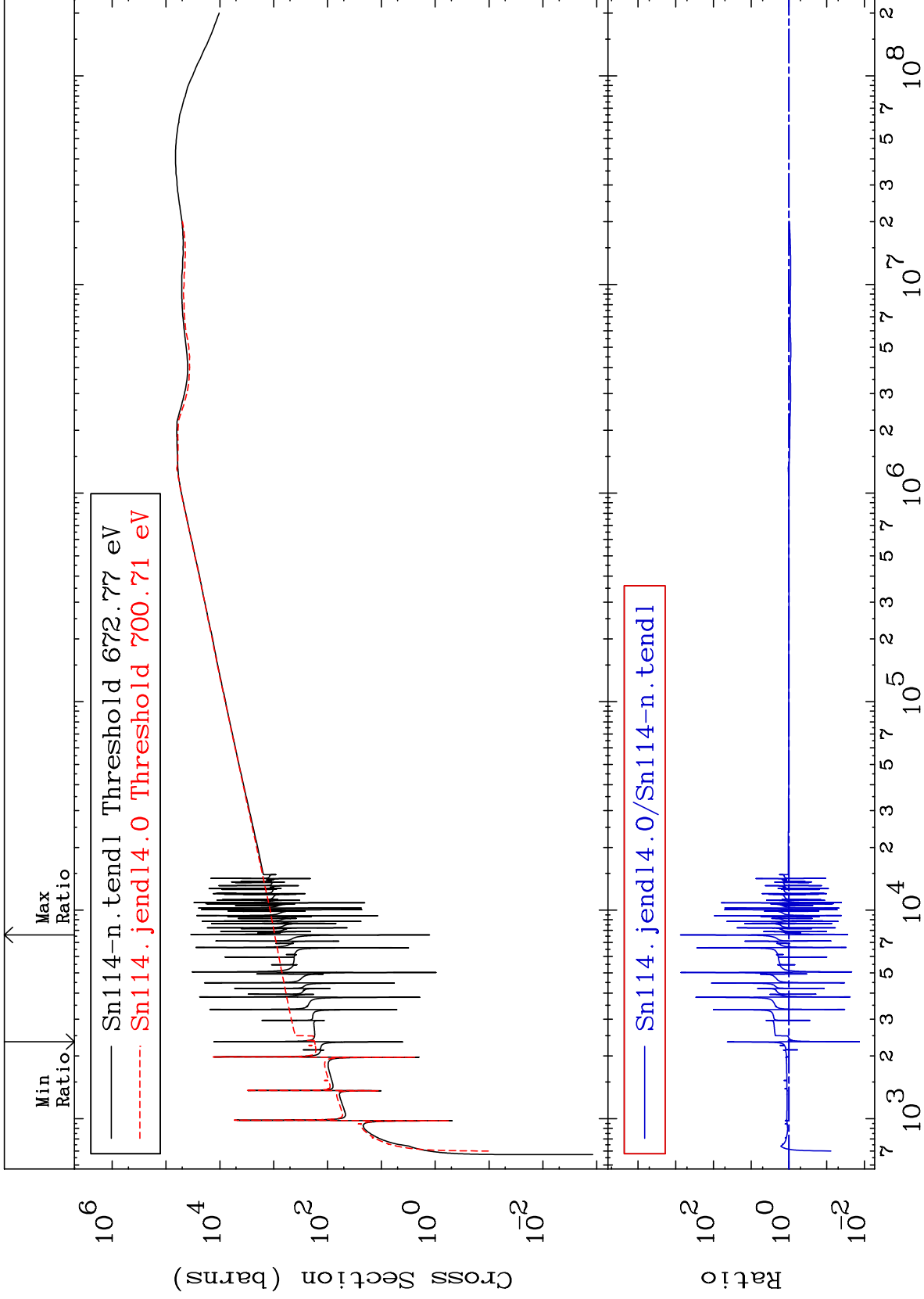
Incident Energy (eV)

50-Sn-114

MAT 5031

Dpa elastic (mt2)  
Cross Section

50-Sn-114  
-98.64 To 9999. %



62

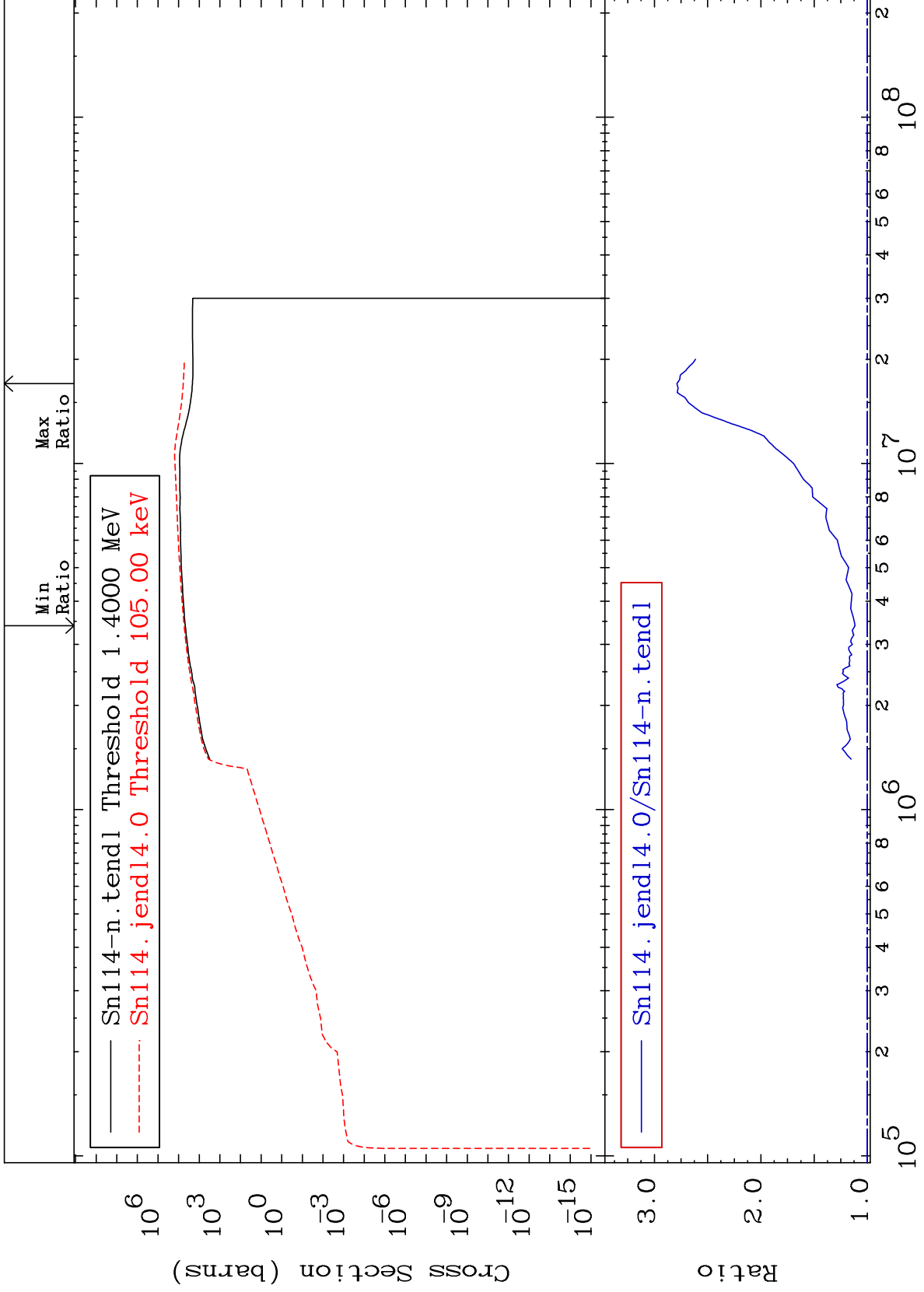
Incident Energy (eV)

50-Sn-114

MAT 5031

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-114  
11.57 To 178.8 %



63

Incident Energy (eV)

50-Sn-114

MAT 5031

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-114  
-100.0 To 9999. %

