

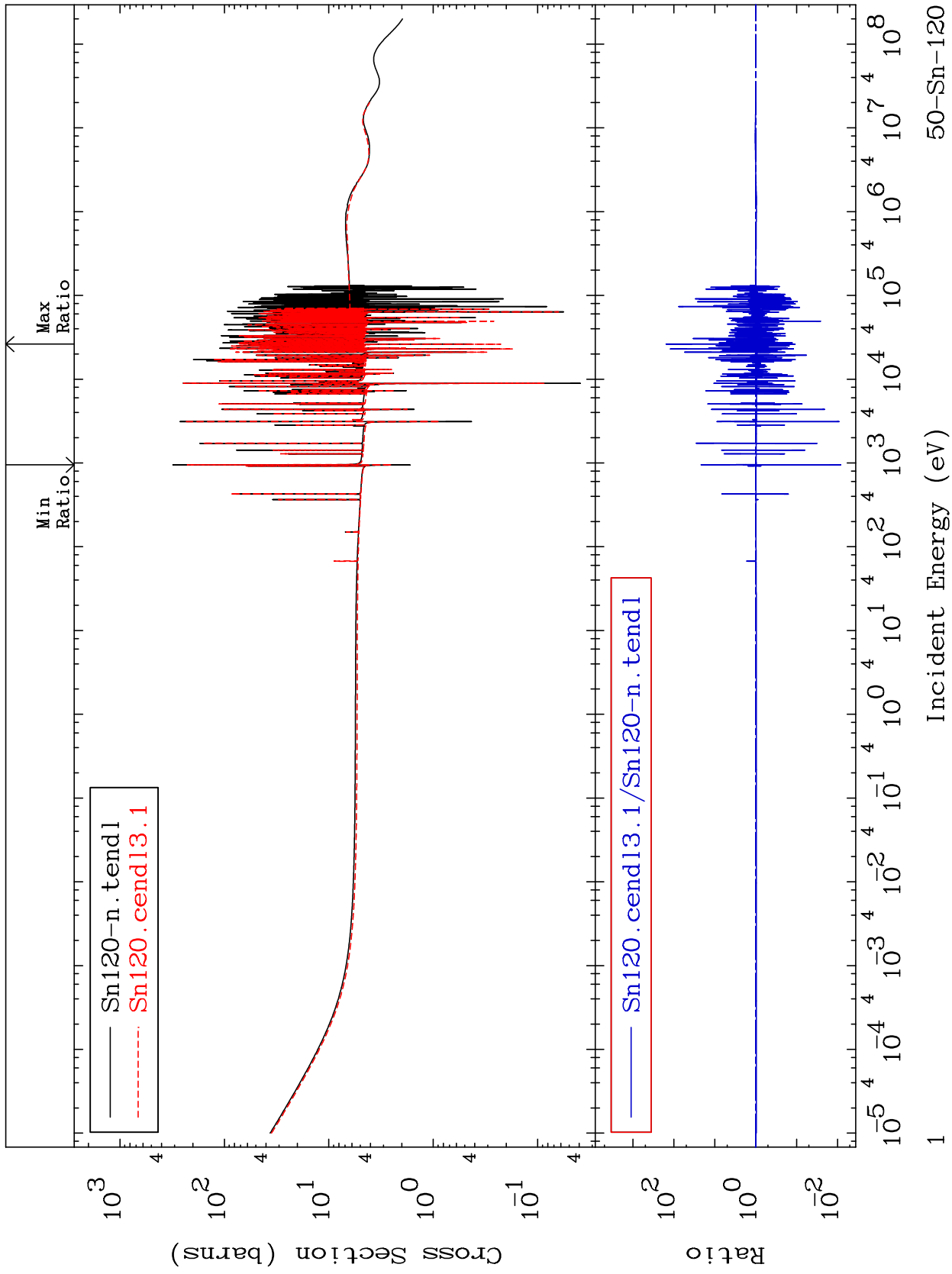
MAT 5049

Total

Cross Section

50-Sn-120

-99.17 To 9999. %



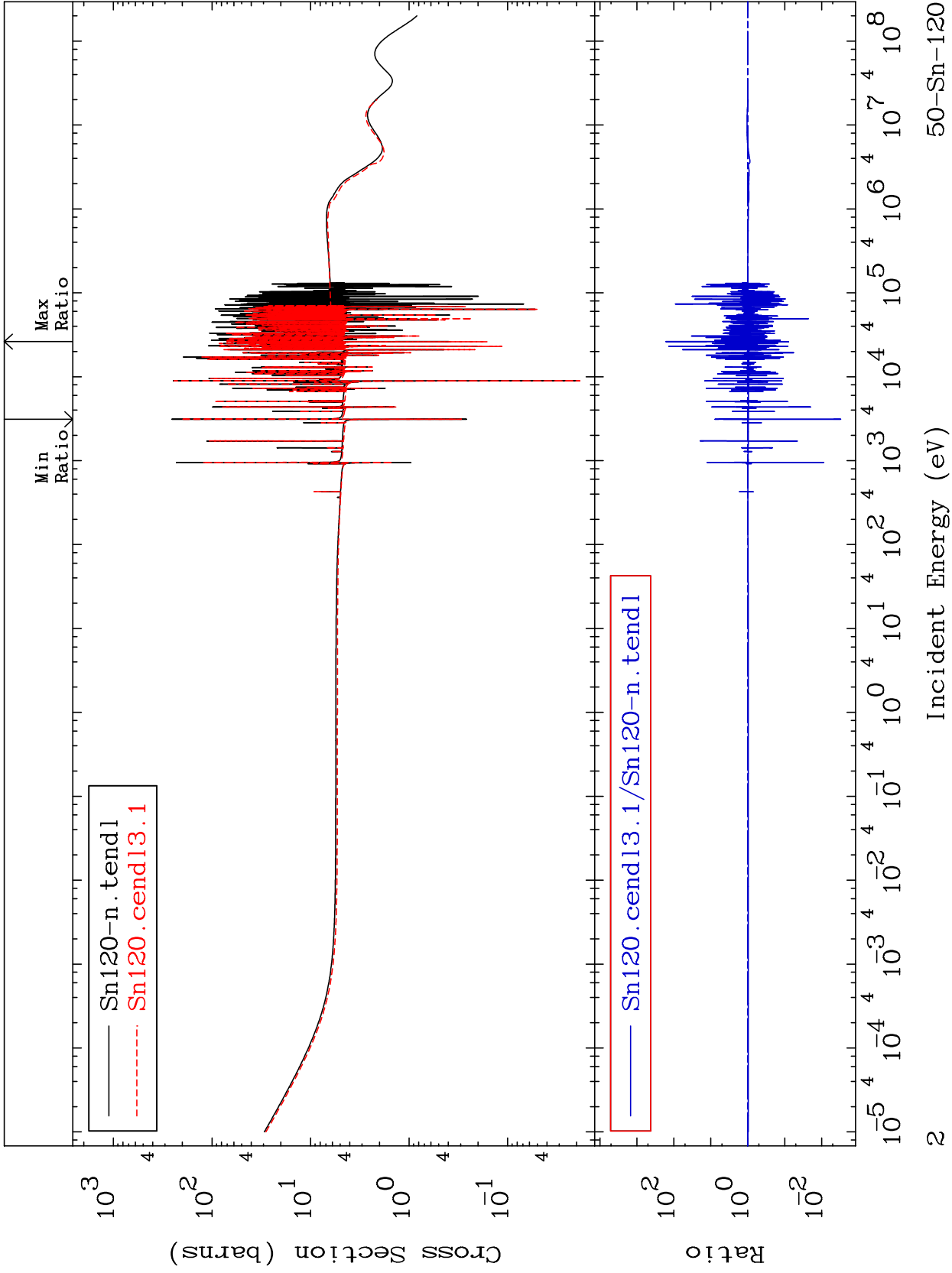
Incident Energy (eV)

50-Sn-120

MAT 5049

Elastic  
Cross Section

50-Sn-120  
-99.69 To 9999. %



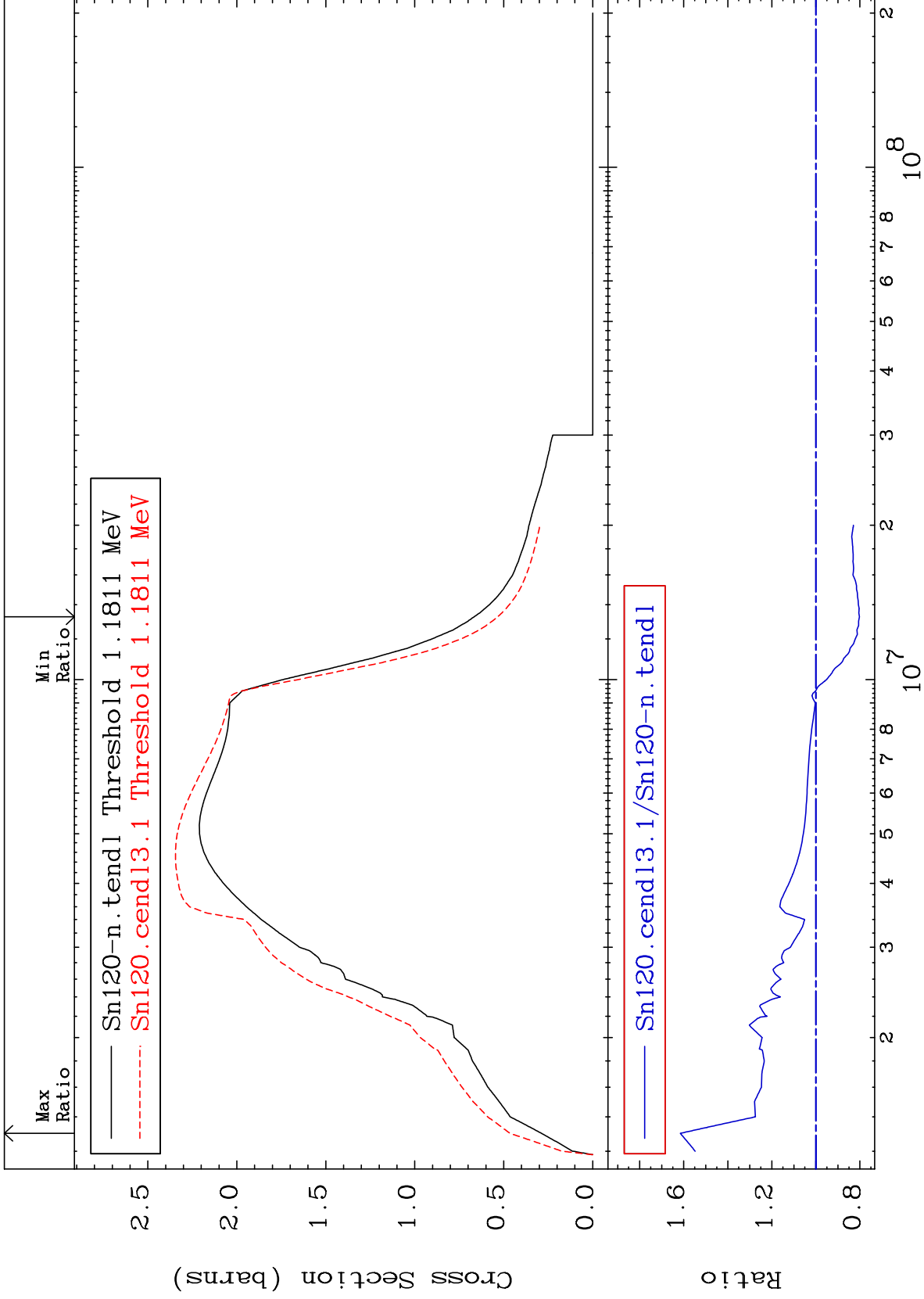
Incident Energy (eV)

50-Sn-120

MAT 5049

Inelastic  
Cross Section

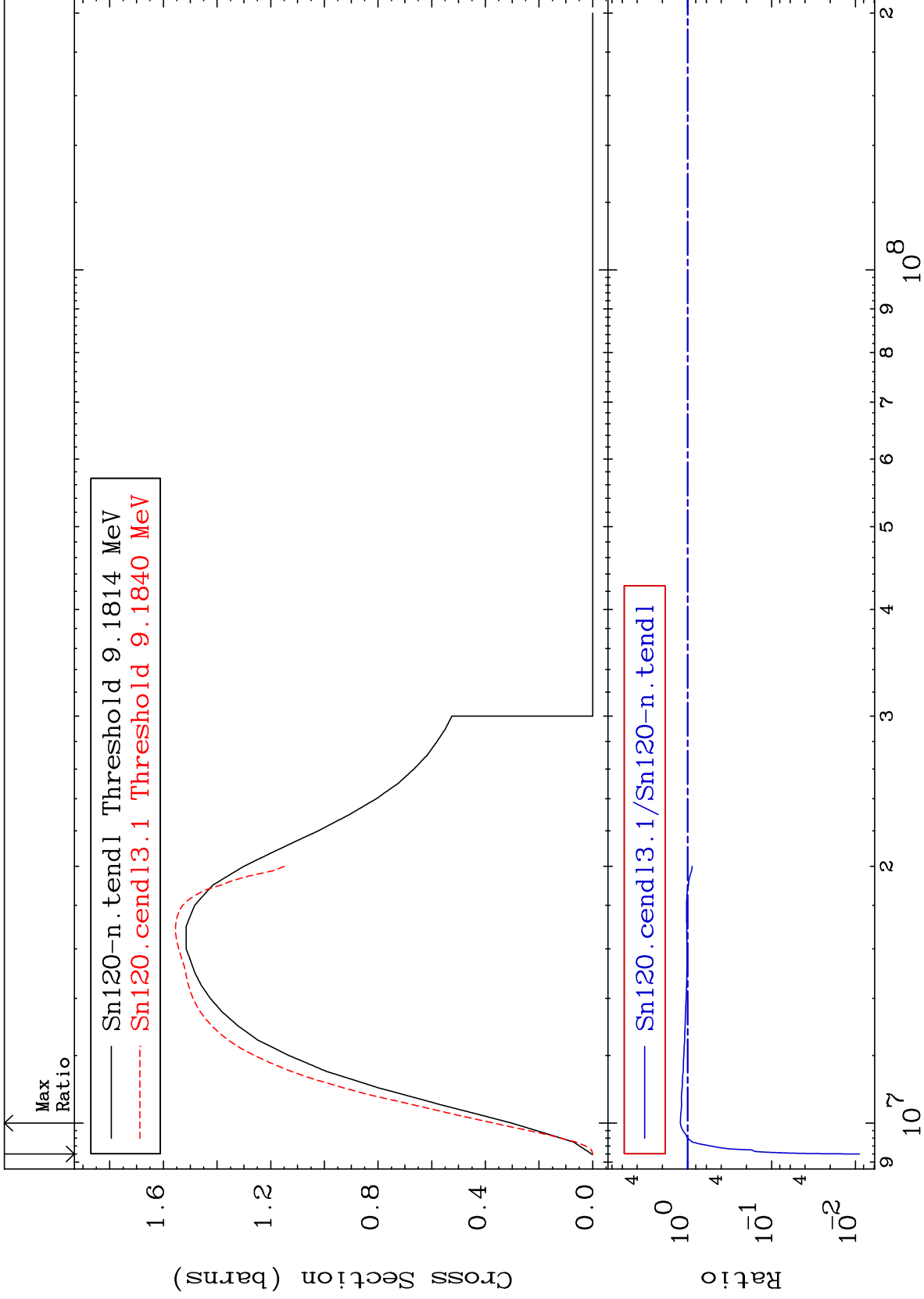
50-Sn-120  
-19.78 To 61.54 %



MAT 5049

(n,2n)  
Cross Section

50-Sn-120  
-99.10 To 22.31 %



50-Sn-120

50-Sn-120

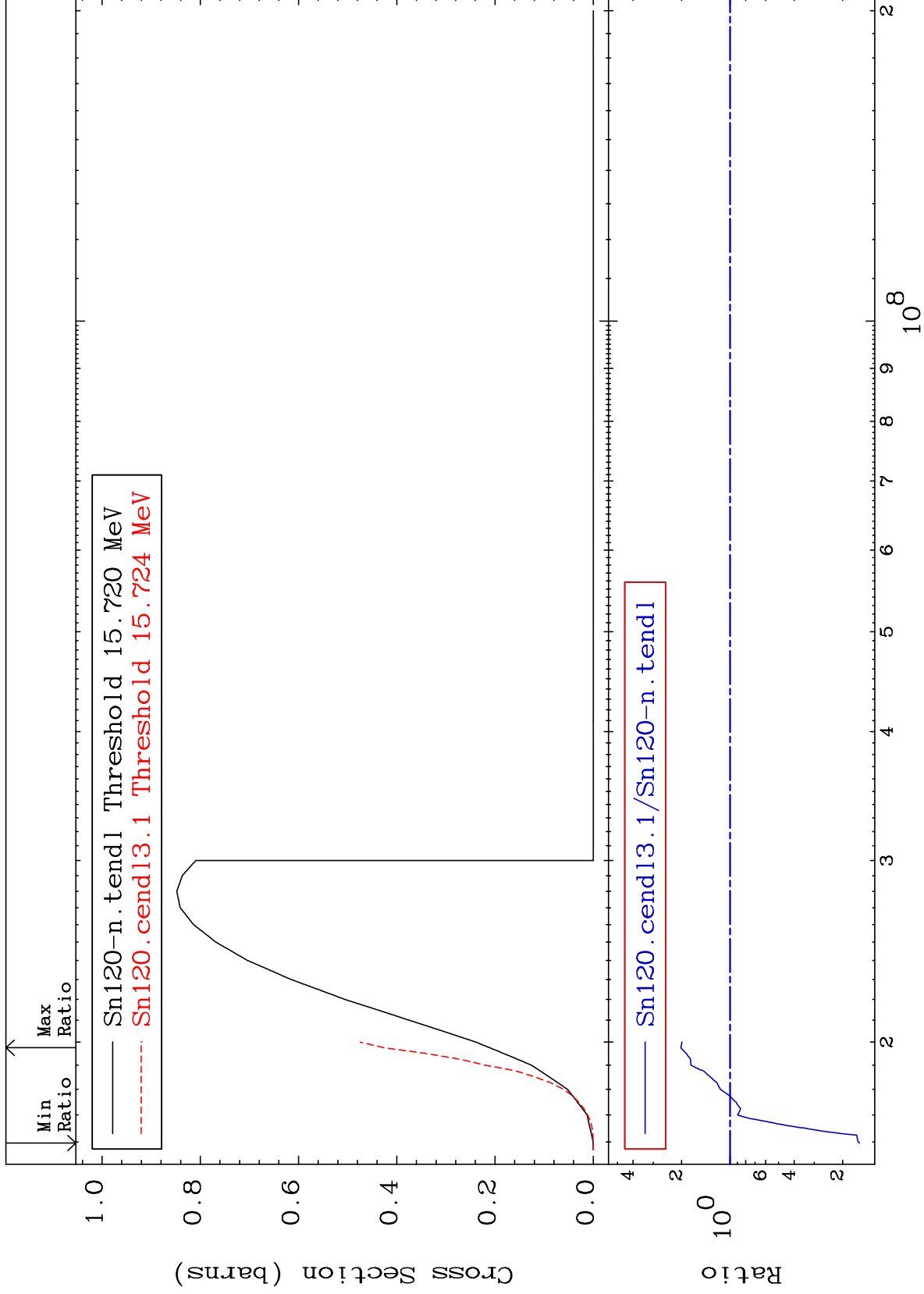
MAT 5049

(n,3n)

50-Sn-120

Cross Section

-84.31 To 102.2 %



5

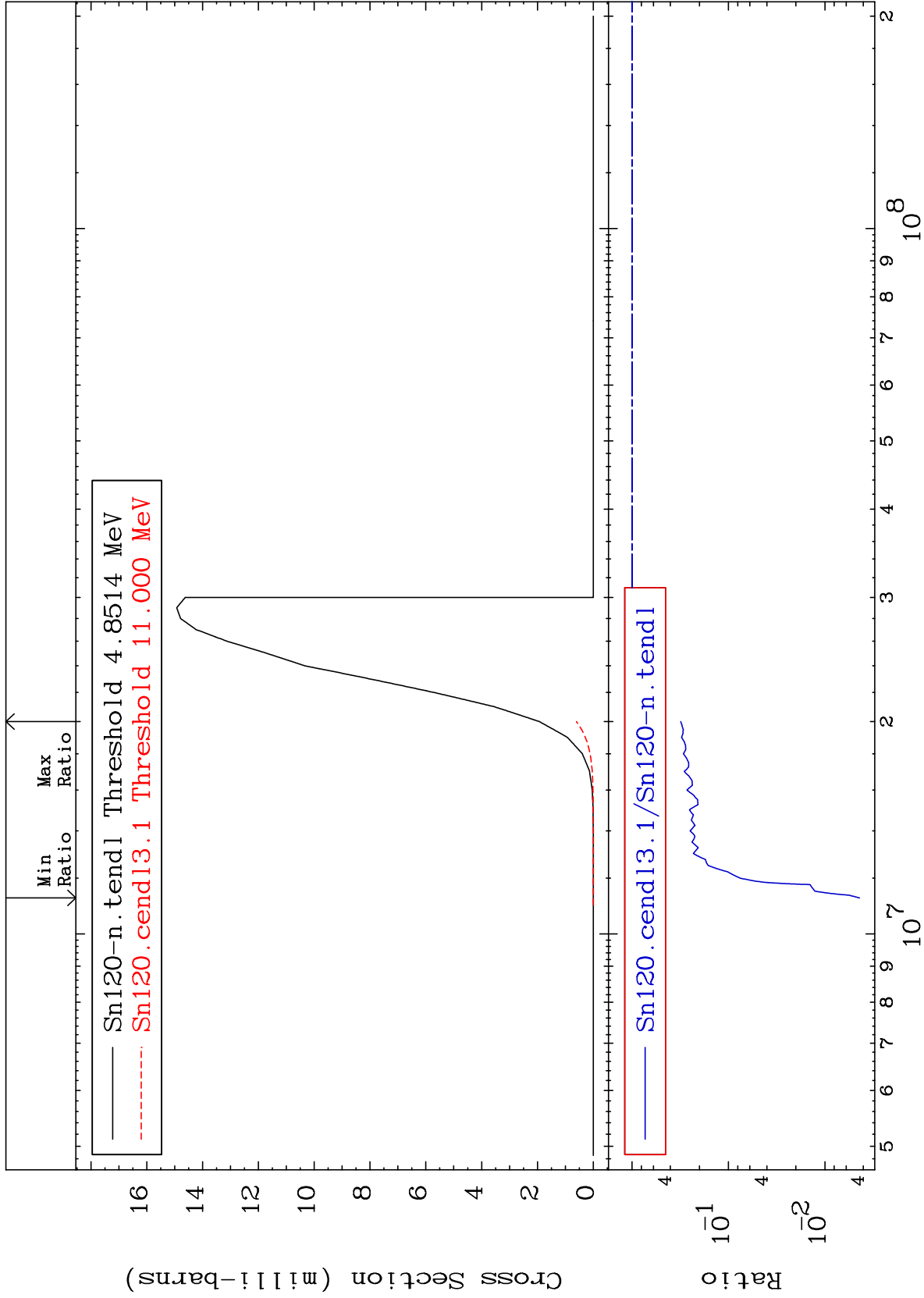
Incident Energy (eV)

50-Sn-120

MAT 5049

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

50-Sn-120  
-99.56 To -68.79%



6

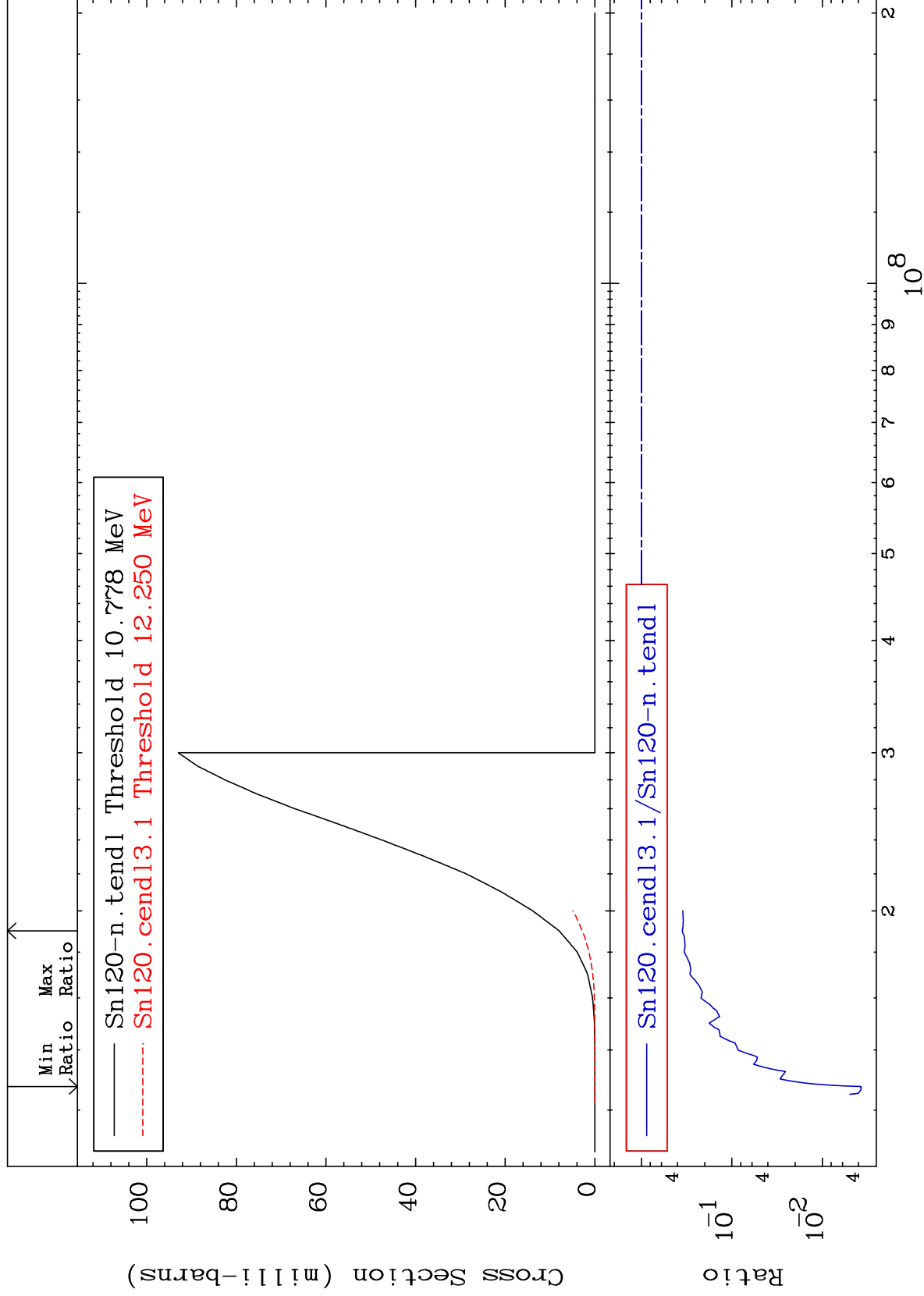
Incident Energy (eV)

50-Sn-120

MAT 5049

(n,n') p  
Cross Section

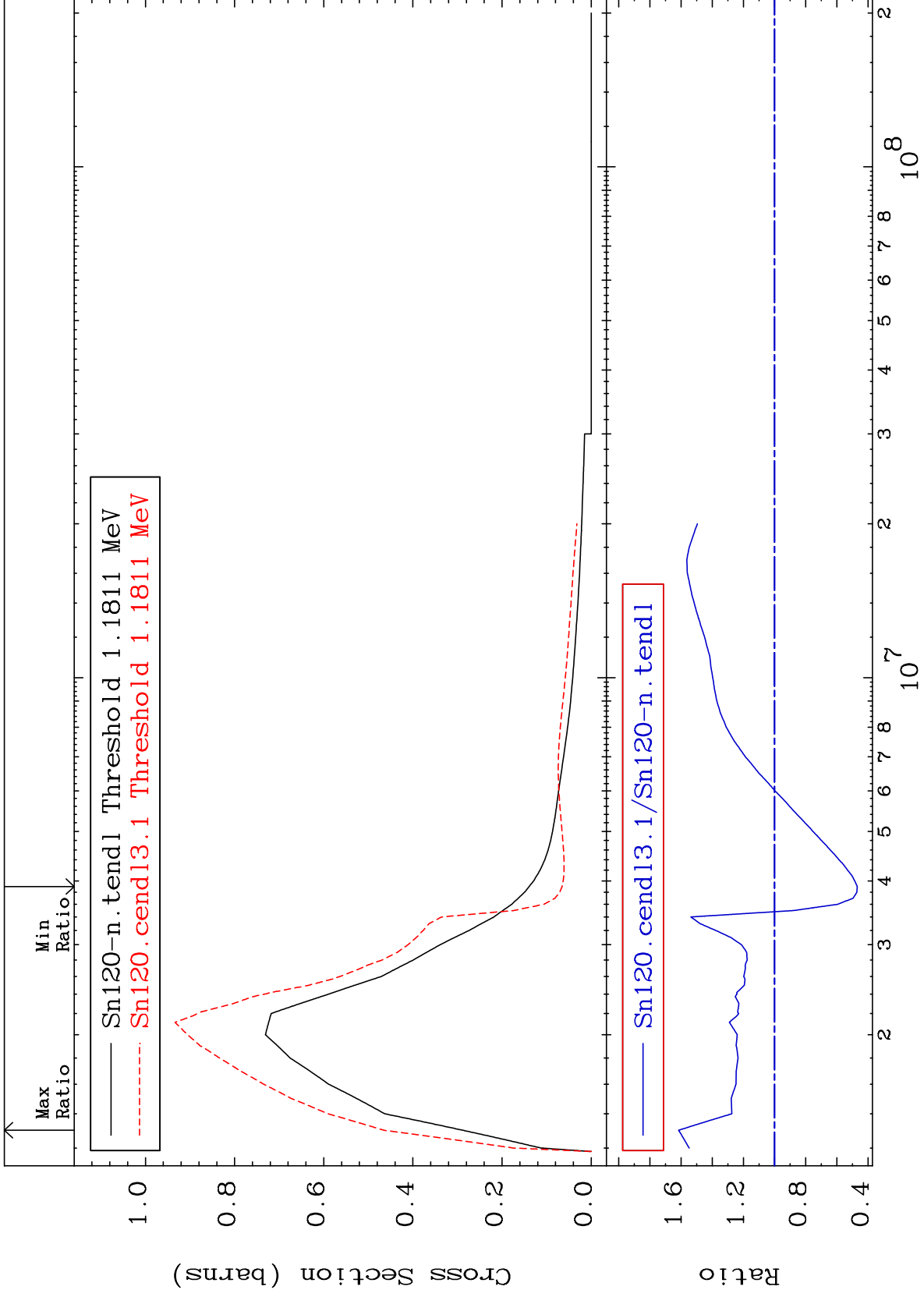
50-Sn-120  
-99.63 To -64.67%



MAT 5049

1.171 MeV (n,n') Level  
Cross Section

50-Sn-120  
-53.03 To 61.54 %

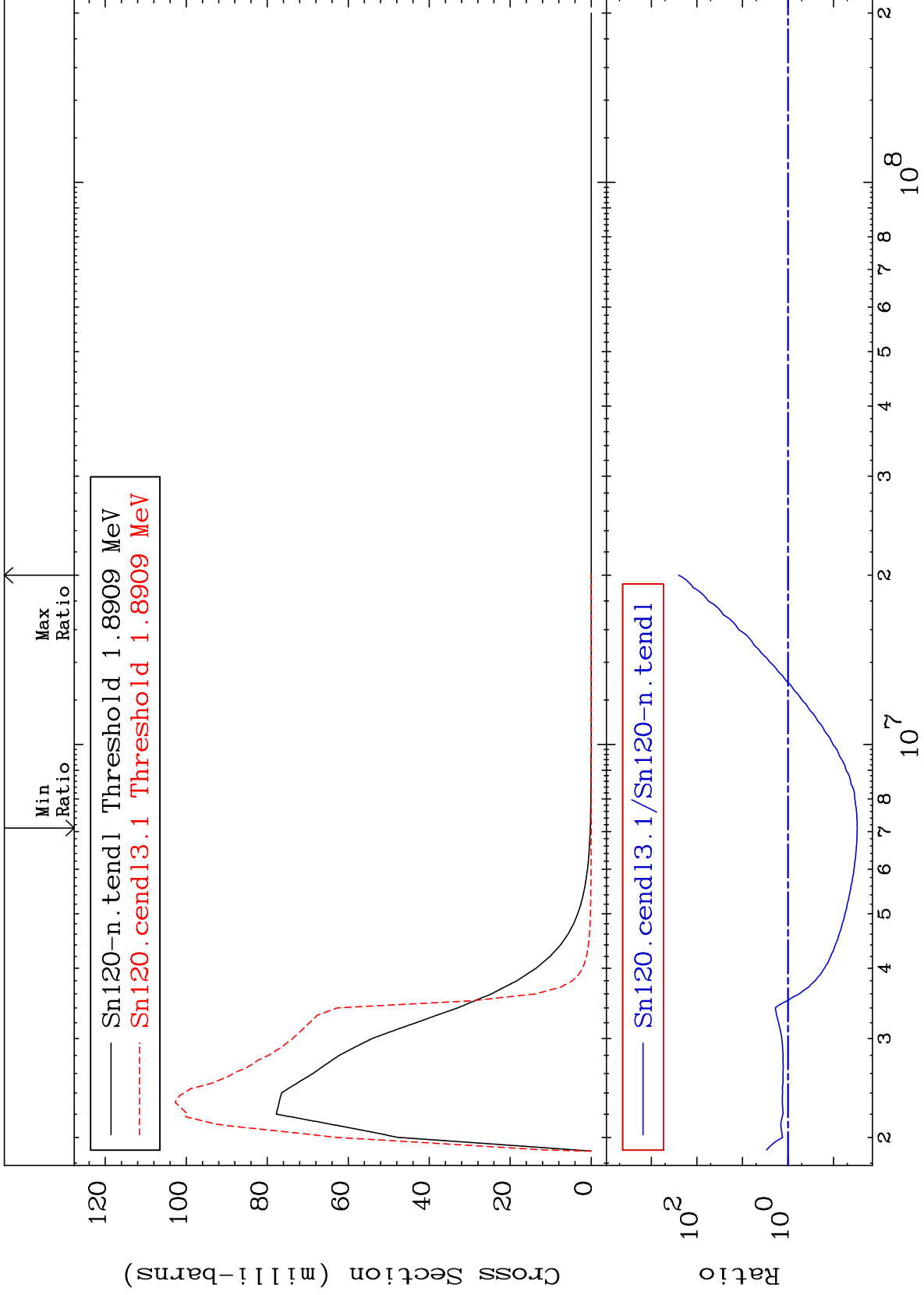




MAT 5049

1.875 MeV (n,n') Level  
Cross Section

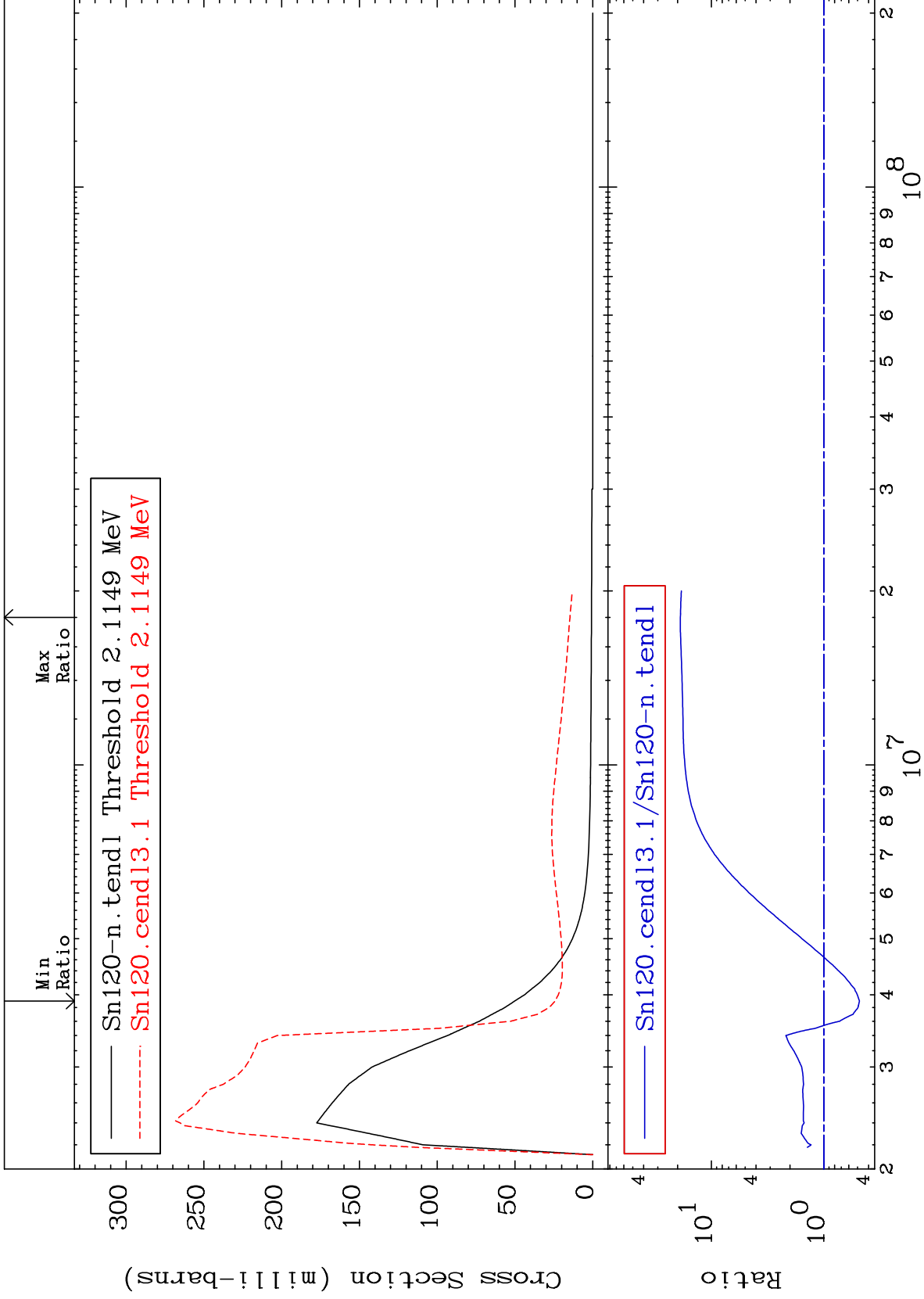
50-Sn-120  
-96.99 To 9999. %



MAT 5049

2.097 MeV (n,n') Level  
Cross Section

50-Sn-120  
-51.82 To 1787. %



10

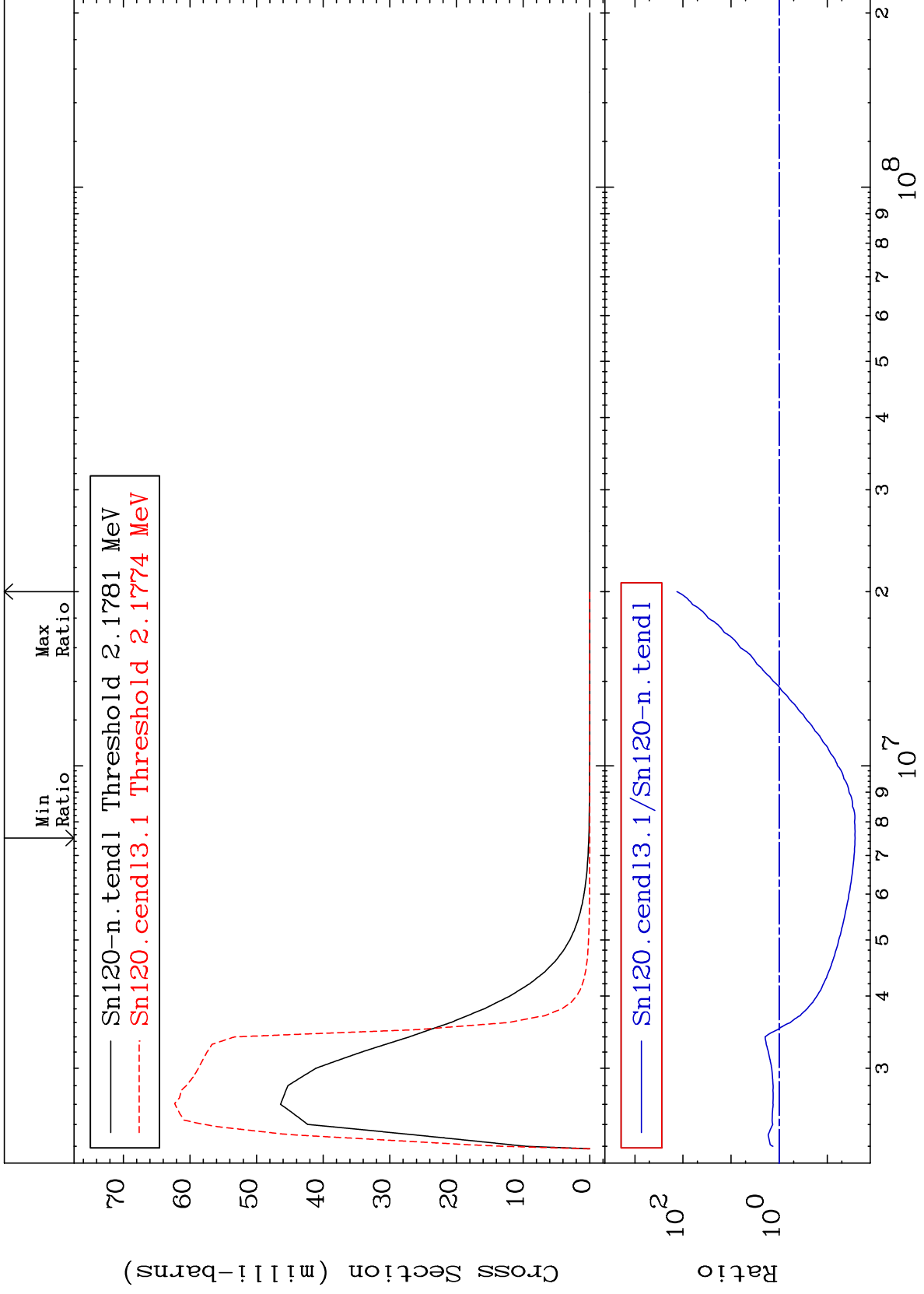
Incident Energy (eV)

50-Sn-120

MAT 5049

2.160 MeV (n,n') Level  
Cross Section

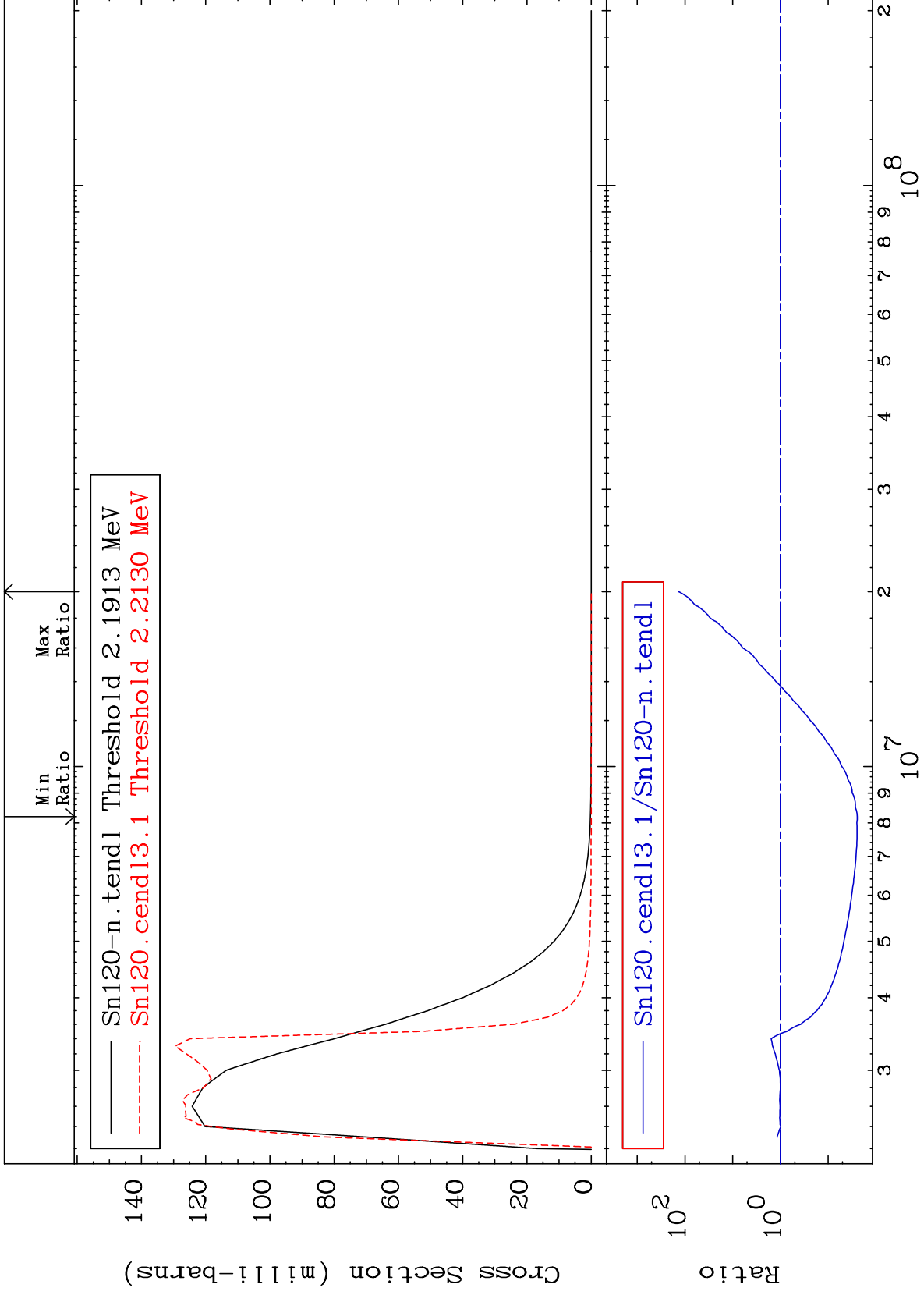
50-Sn-120  
-97.36 To 9999. %

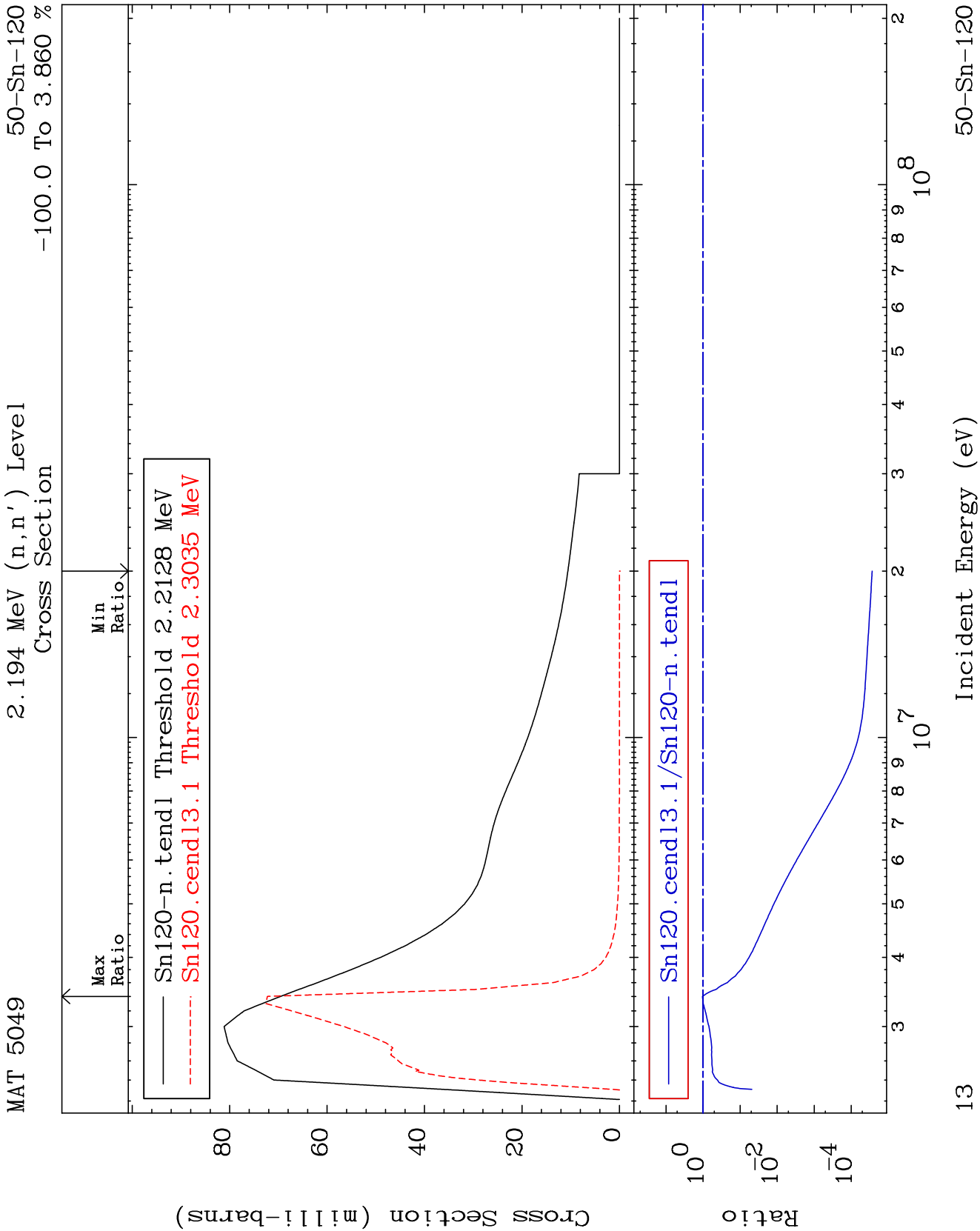


MAT 5049

2.173 MeV (n,n') Level  
Cross Section

50-Sn-120  
-97.54 To 9999. %





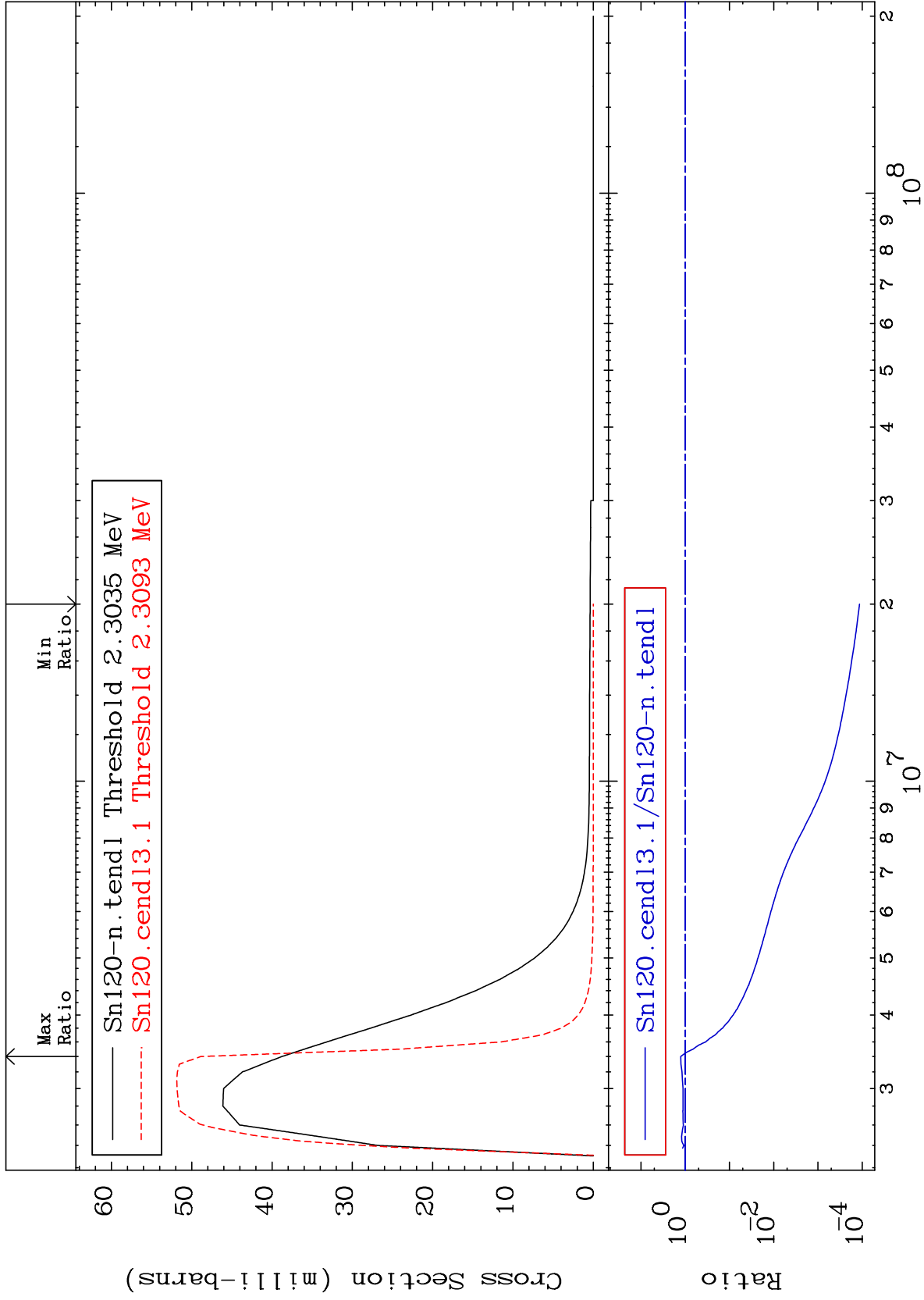
MAT 5049

2.284 MeV (n,n') Level

50-Sn-120

-99.99 To 26.07 %

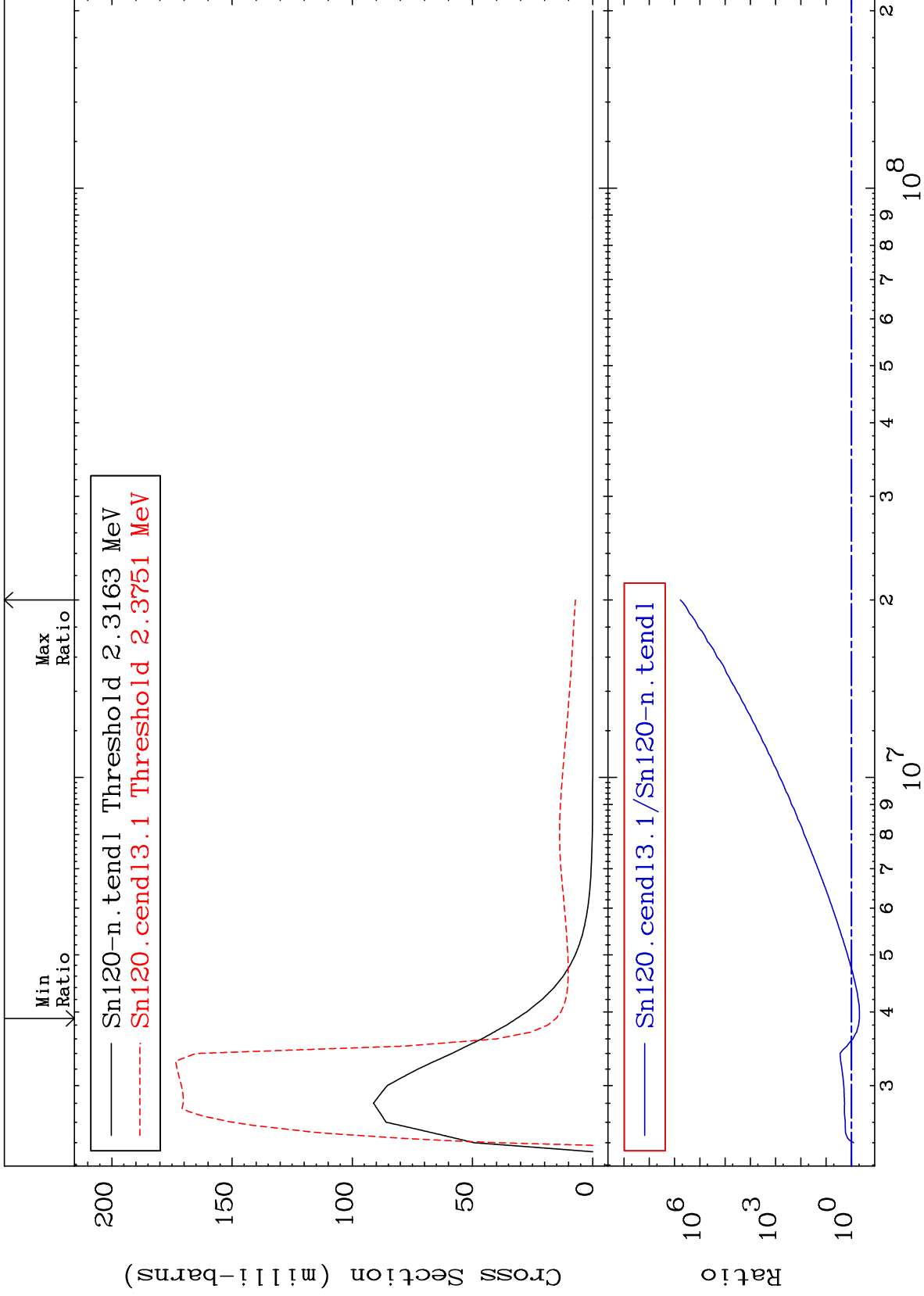
Cross Section



MAT 5049

2.297 MeV (n,n') Level  
Cross Section

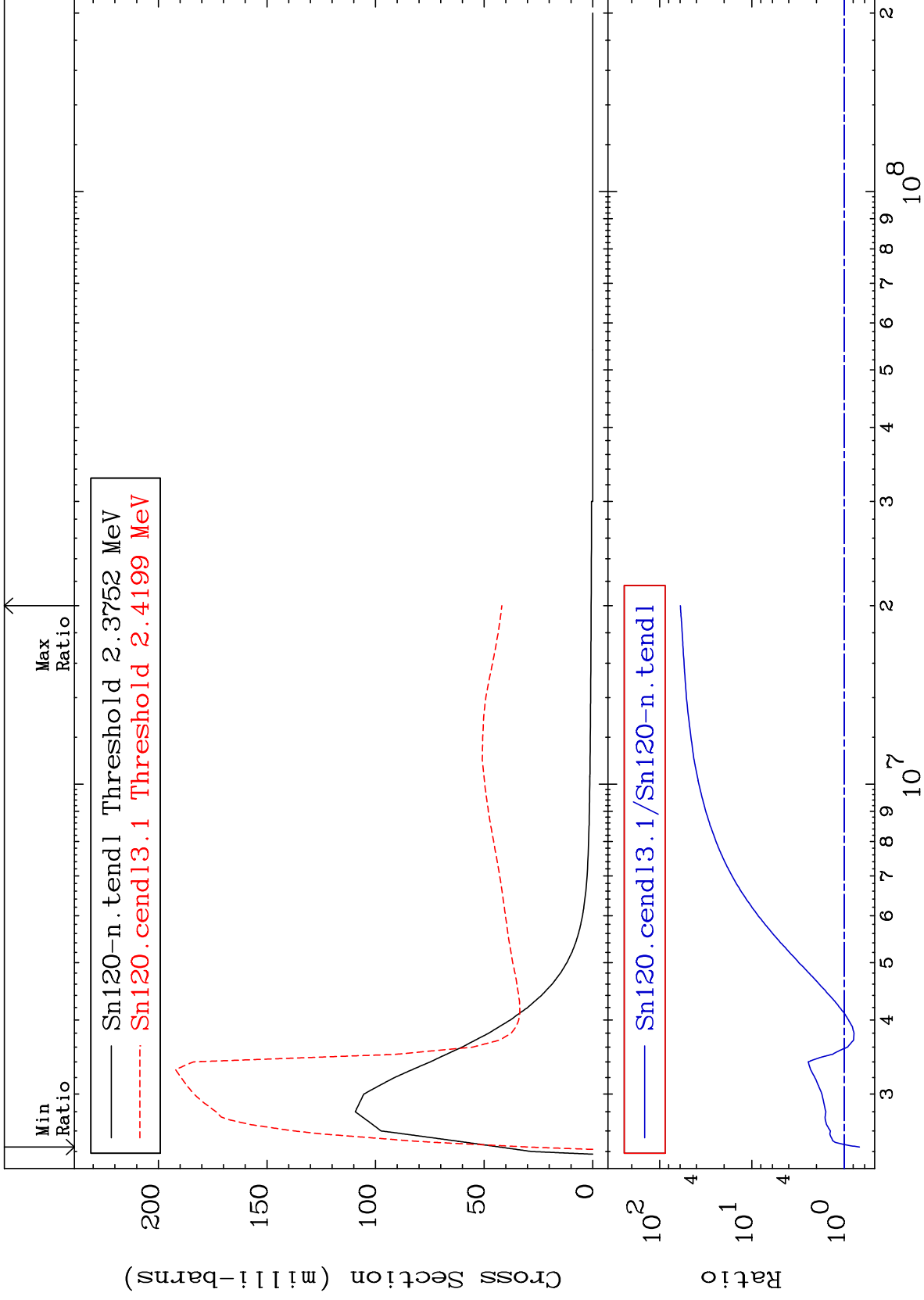
50-Sn-120  
-51.89 To 9999. %



MAT 5049

2.355 MeV (n,n') Level  
Cross Section

50-Sn-120  
-31.53 To 5858. %



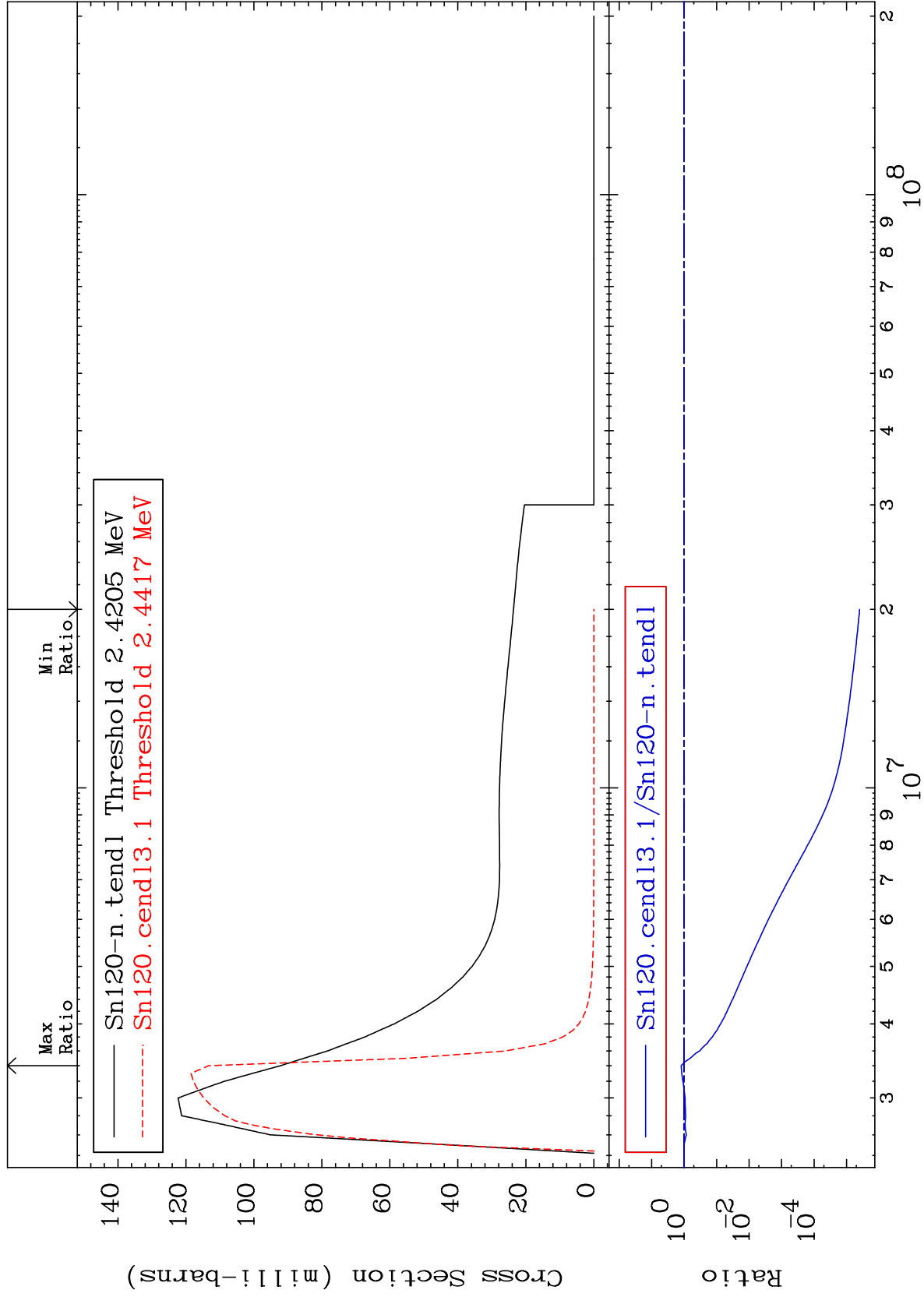


MAT 5049

2.400 MeV (n,n') Level

50-Sn-120

-100.0 To 22.91 %

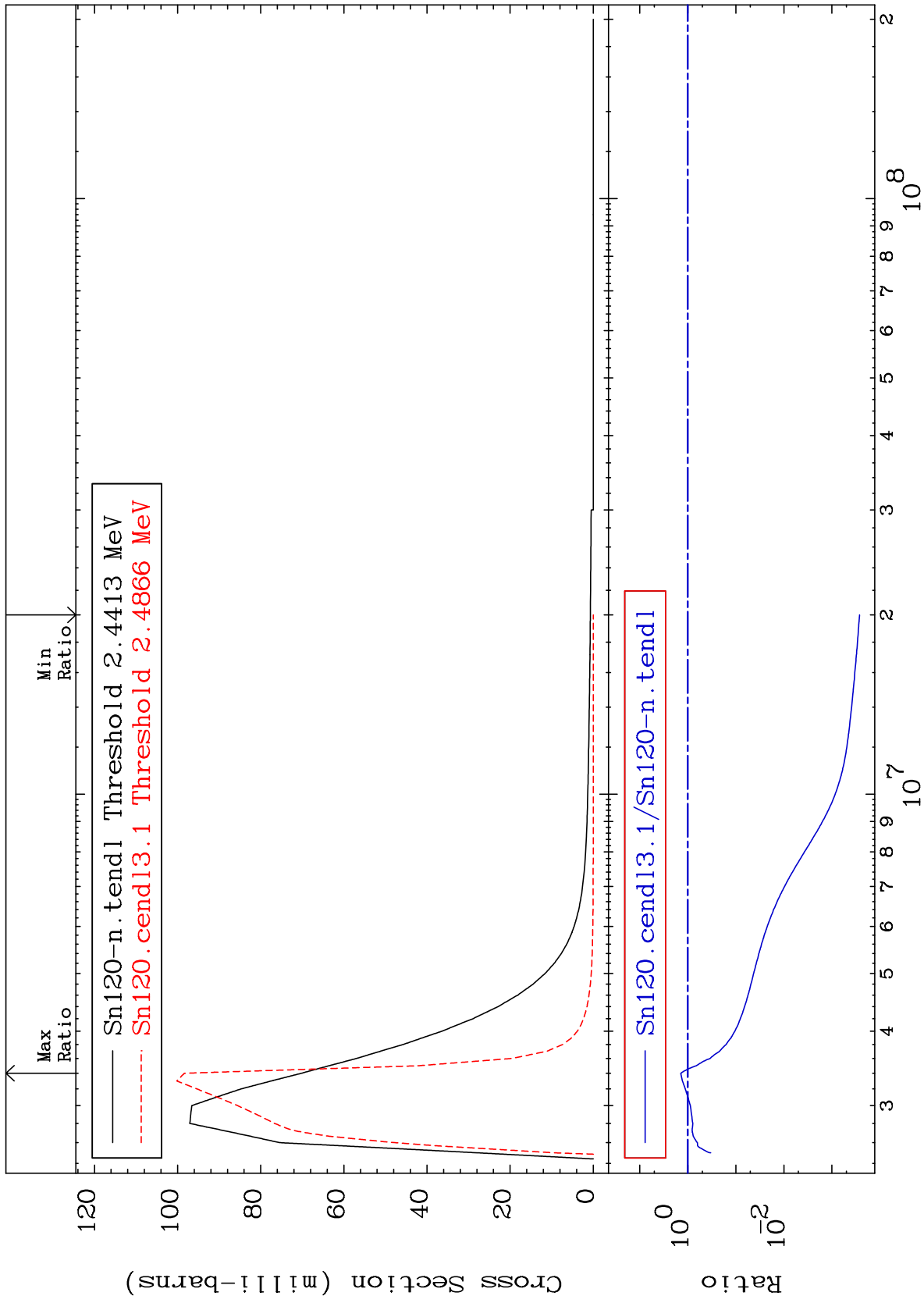


17

Incident Energy (eV)

50-Sn-120

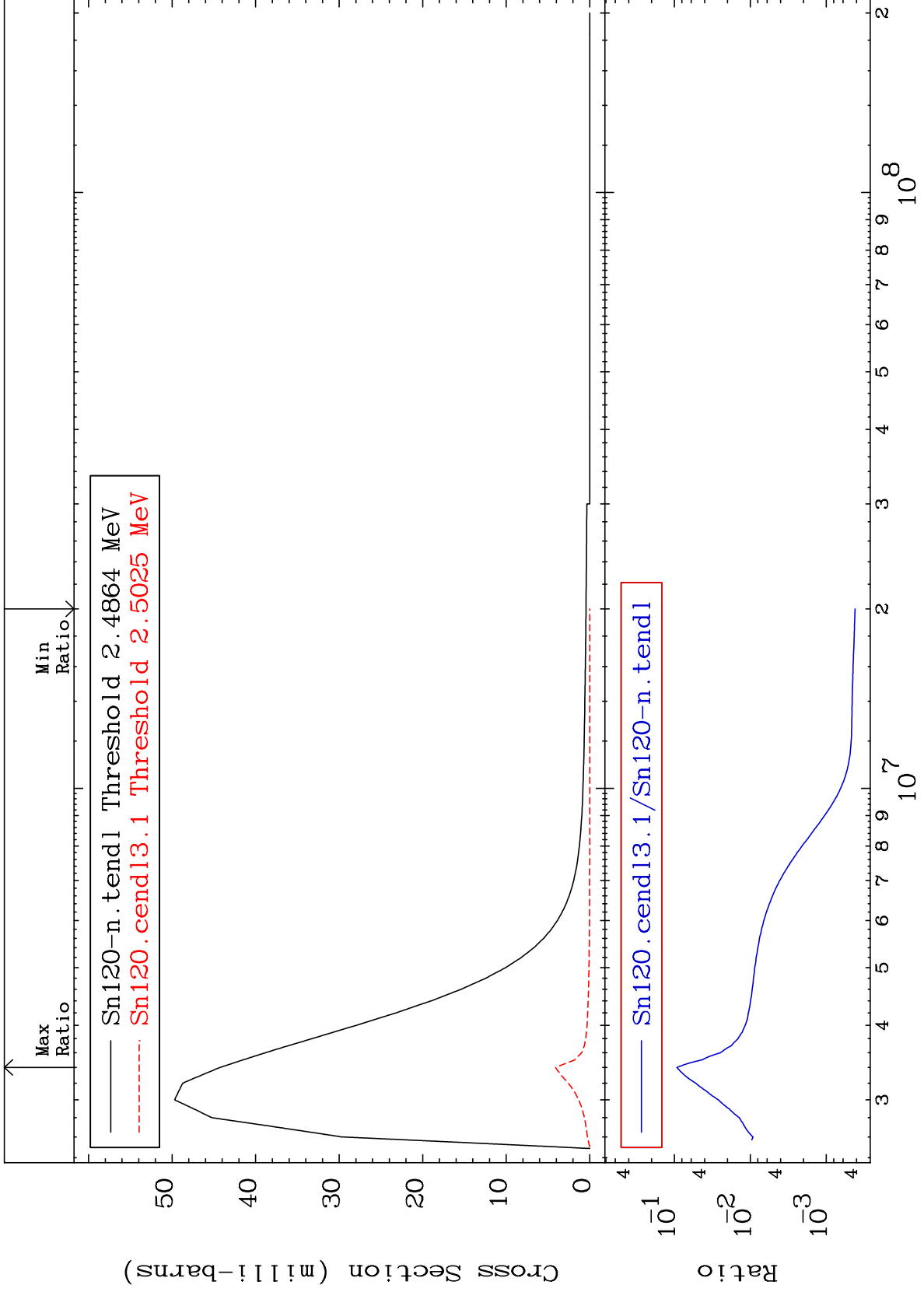
MAT 5049      2.421 MeV (n,n') Level      50-Sn-120  
 Cross Section      -99.97 To 40.15 %



MAT 5049

2.466 MeV (n,n') Level  
Cross Section

50-Sn-120  
-99.96 To -90.73%



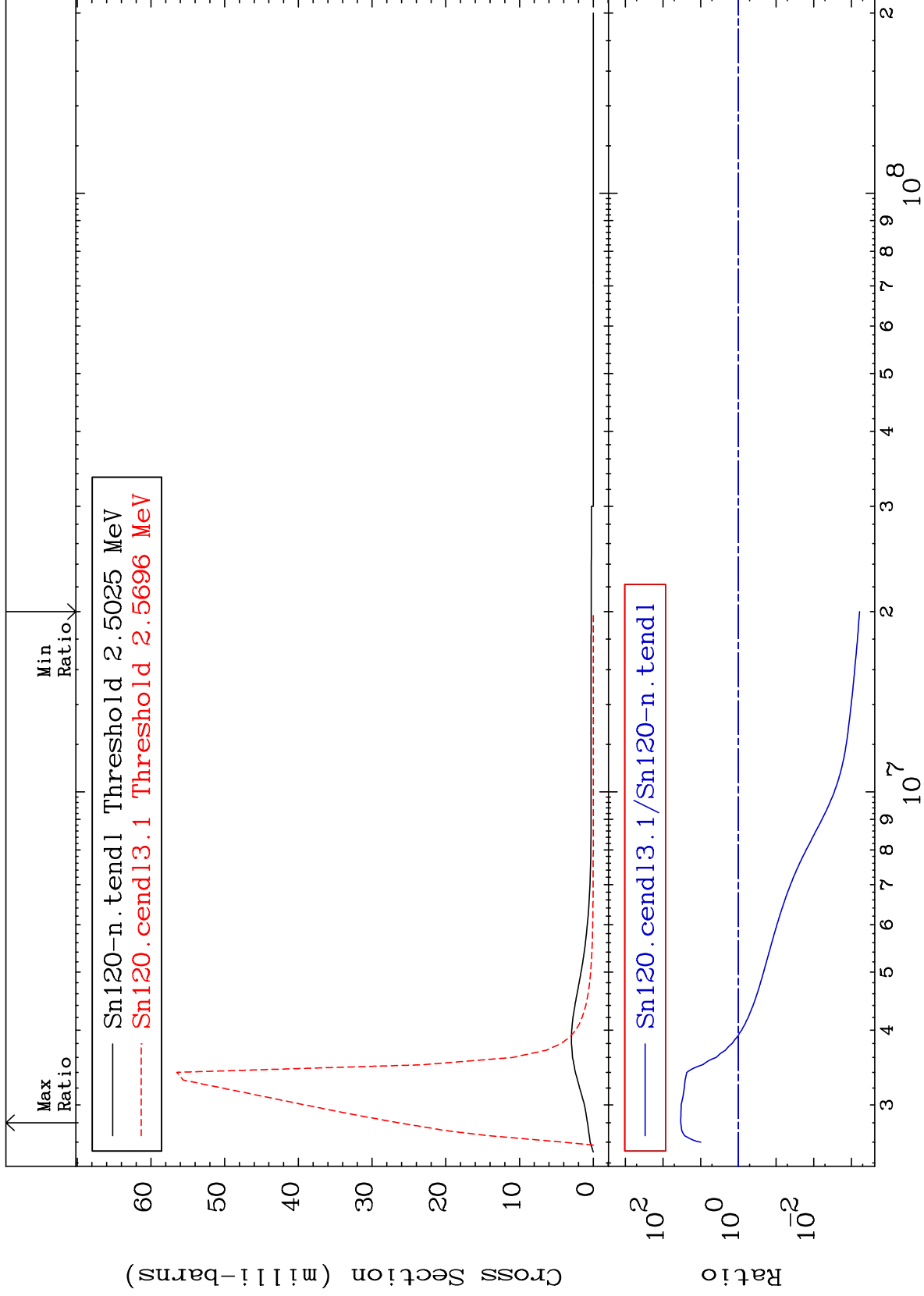
MAT 5049

2.482 MeV (n,n') Level

50-Sn-120

-99.94 To 3276. %

Cross Section



20

Incident Energy (eV)

50-Sn-120

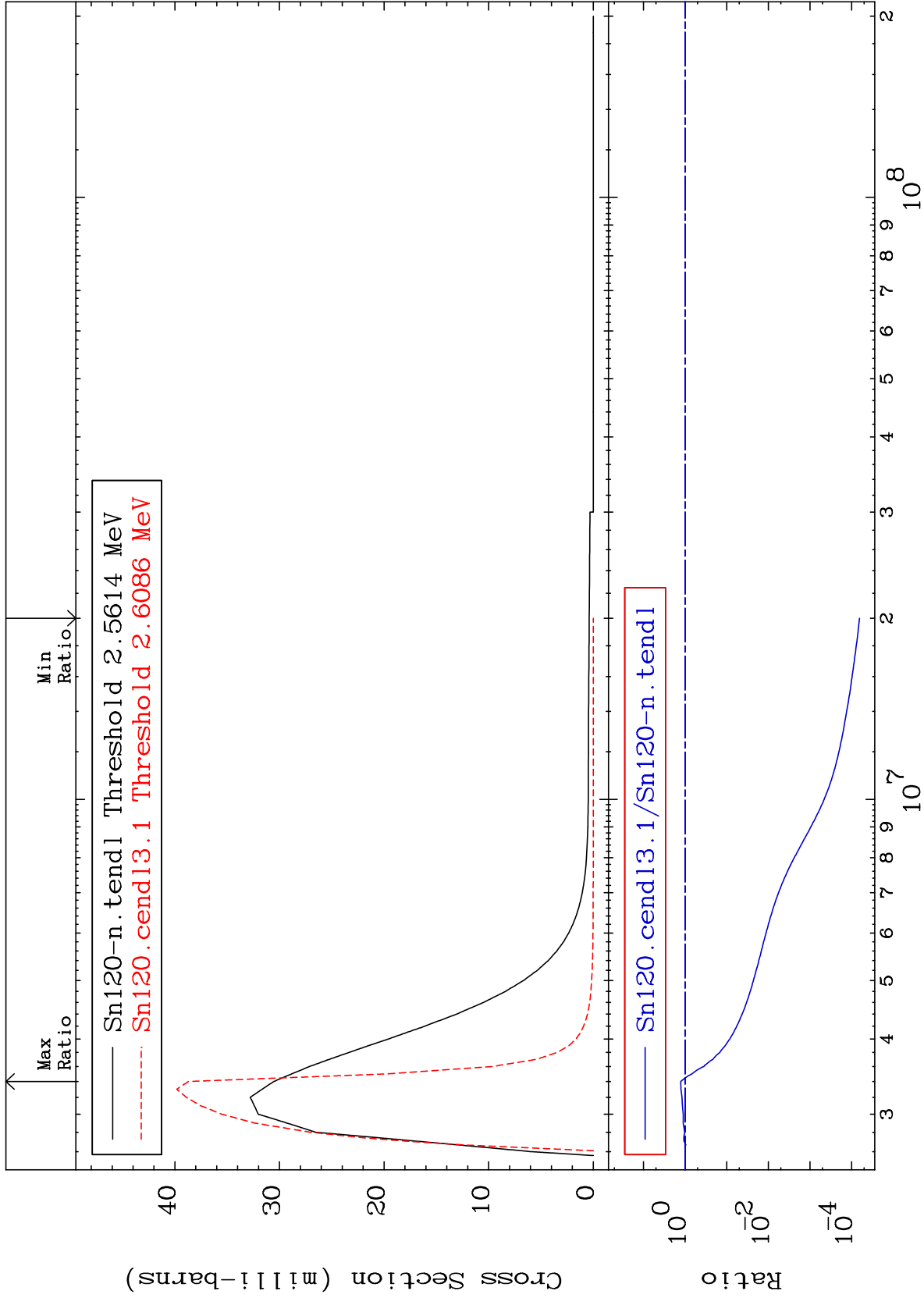
MAT 5049

2.540 MeV (n,n') Level

50-Sn-120

-99.99 To 26.72 %

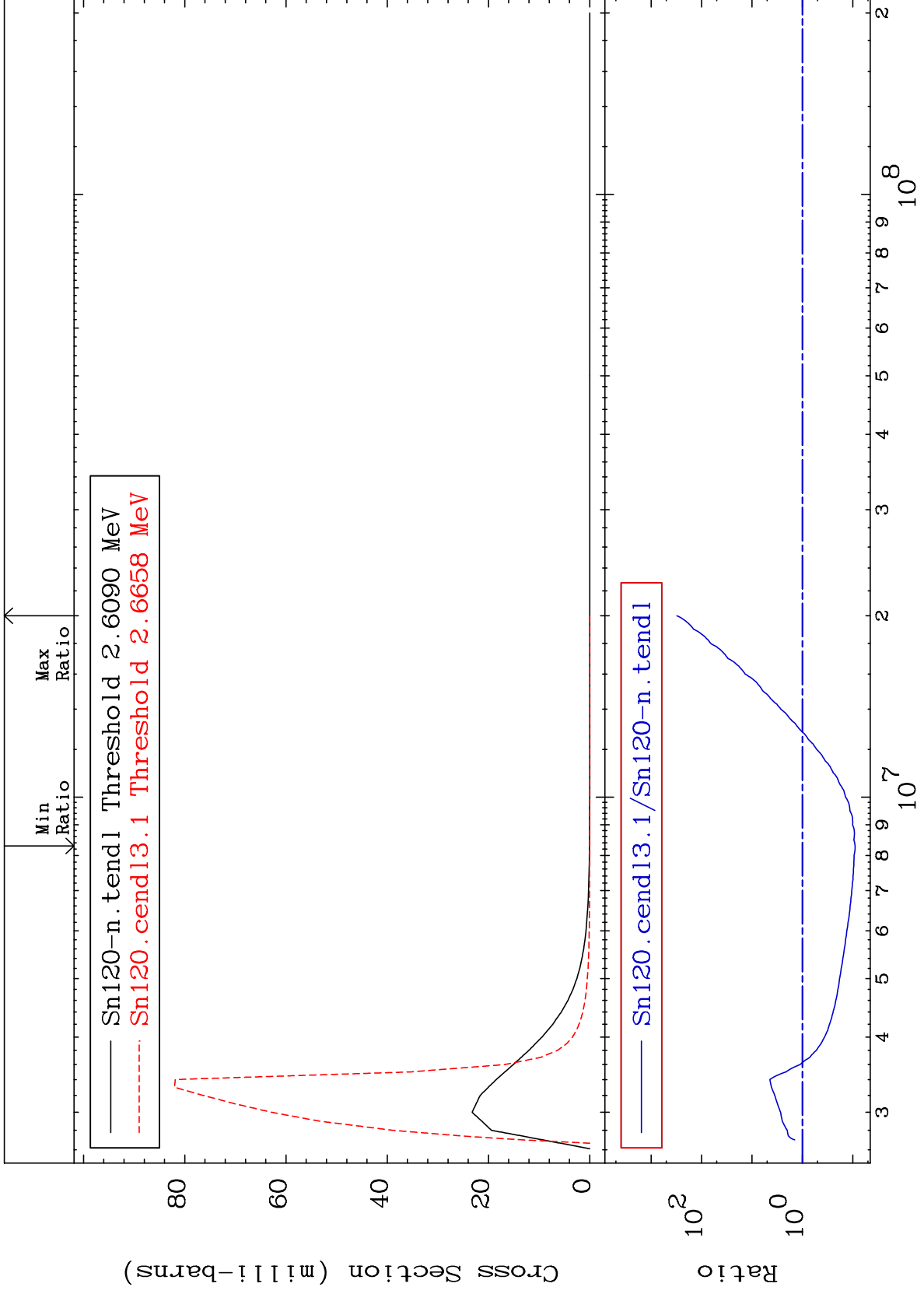
Cross Section



MAT 5049

2.587 MeV (n,n') Level  
Cross Section

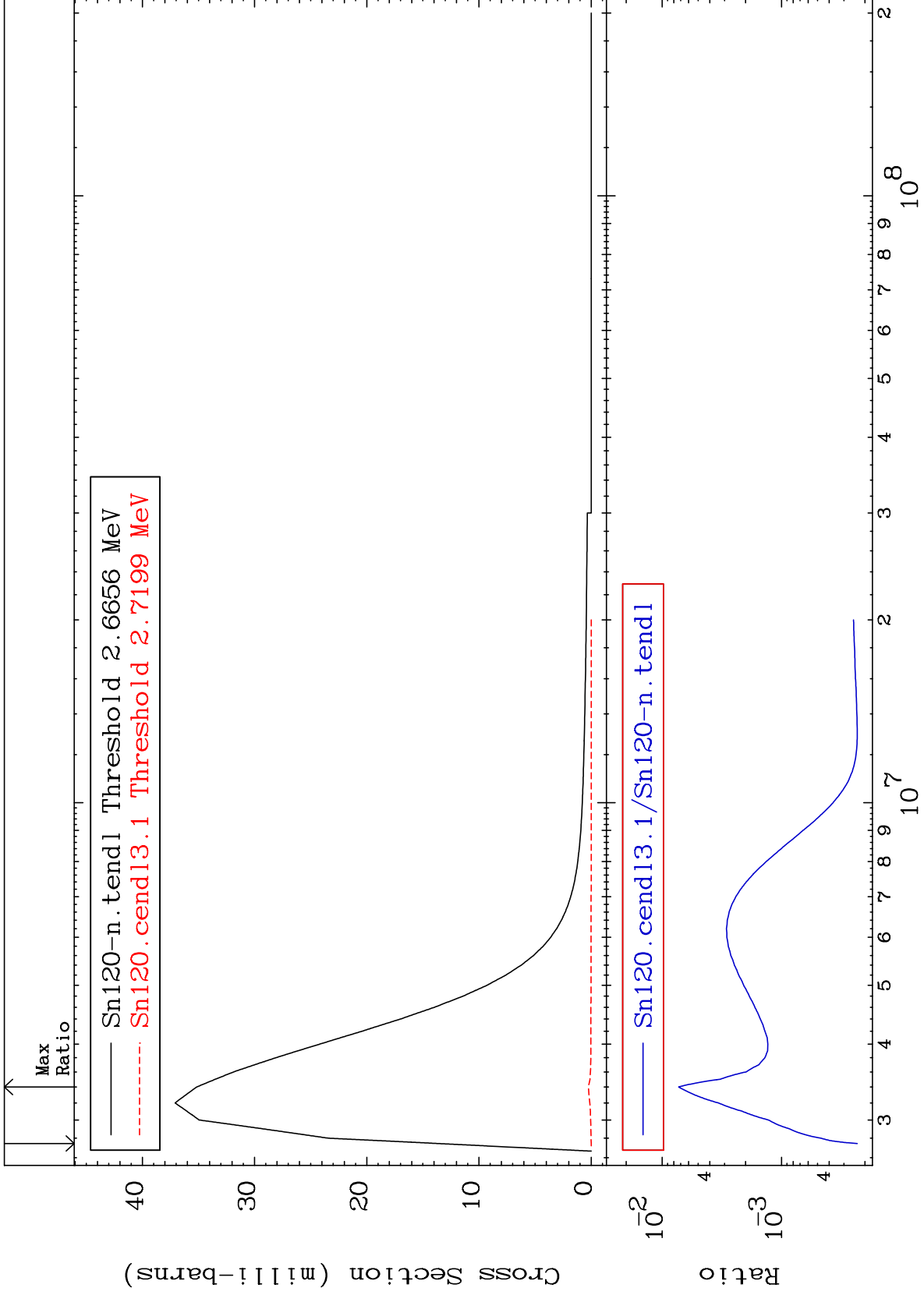
50-Sn-120  
-91.02 To 9999. %



MAT 5049

2.643 MeV (n,n') Level  
Cross Section

50-Sn-120  
-99.98 To -99.27%



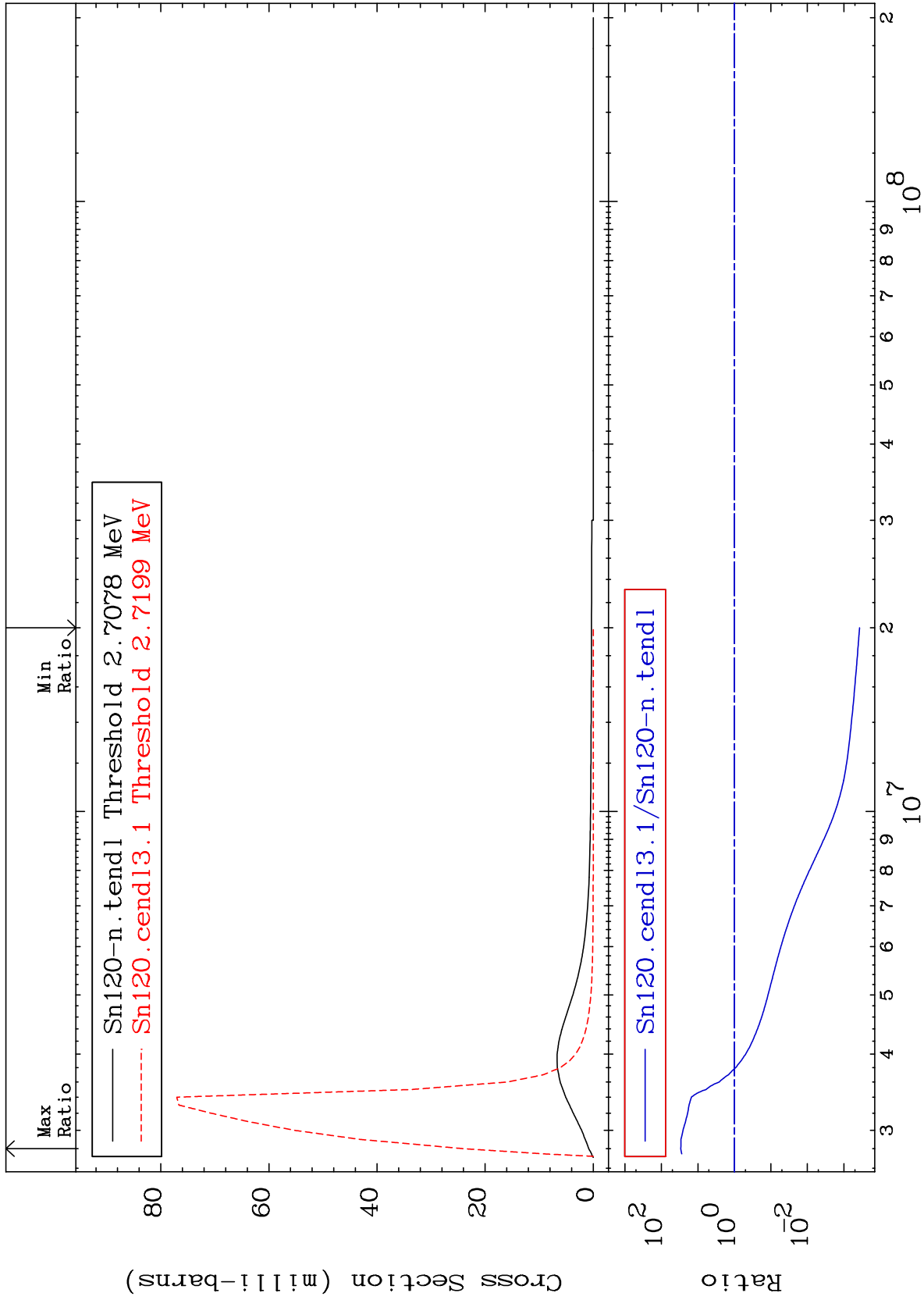
MAT 5049

2.685 MeV (n,n') Level

50-Sn-120

-99.96 To 2848. %

Cross Section





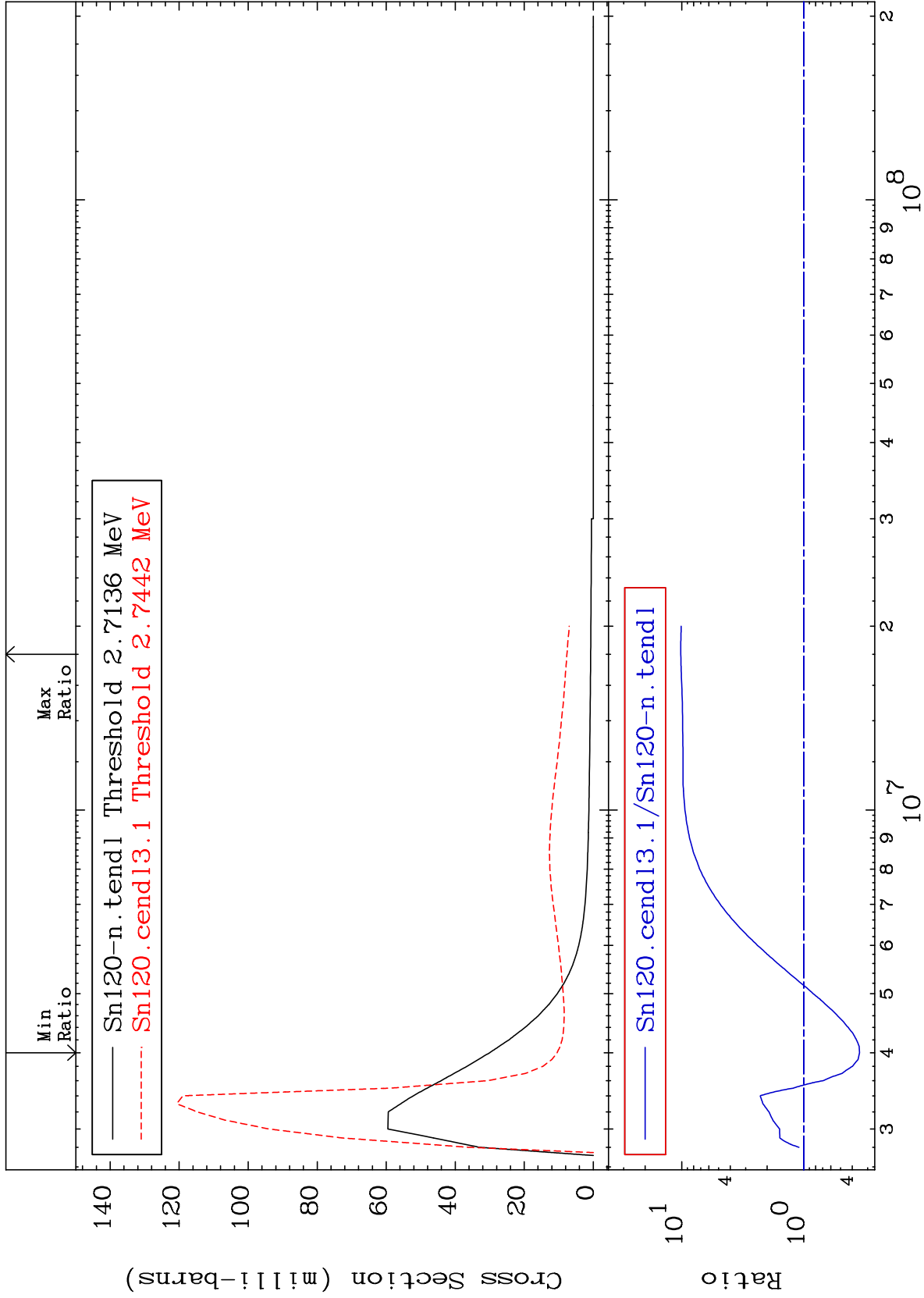
MAT 5049

2.691 MeV (n,n') Level

50-Sn-120

-65.07 To 920.1 %

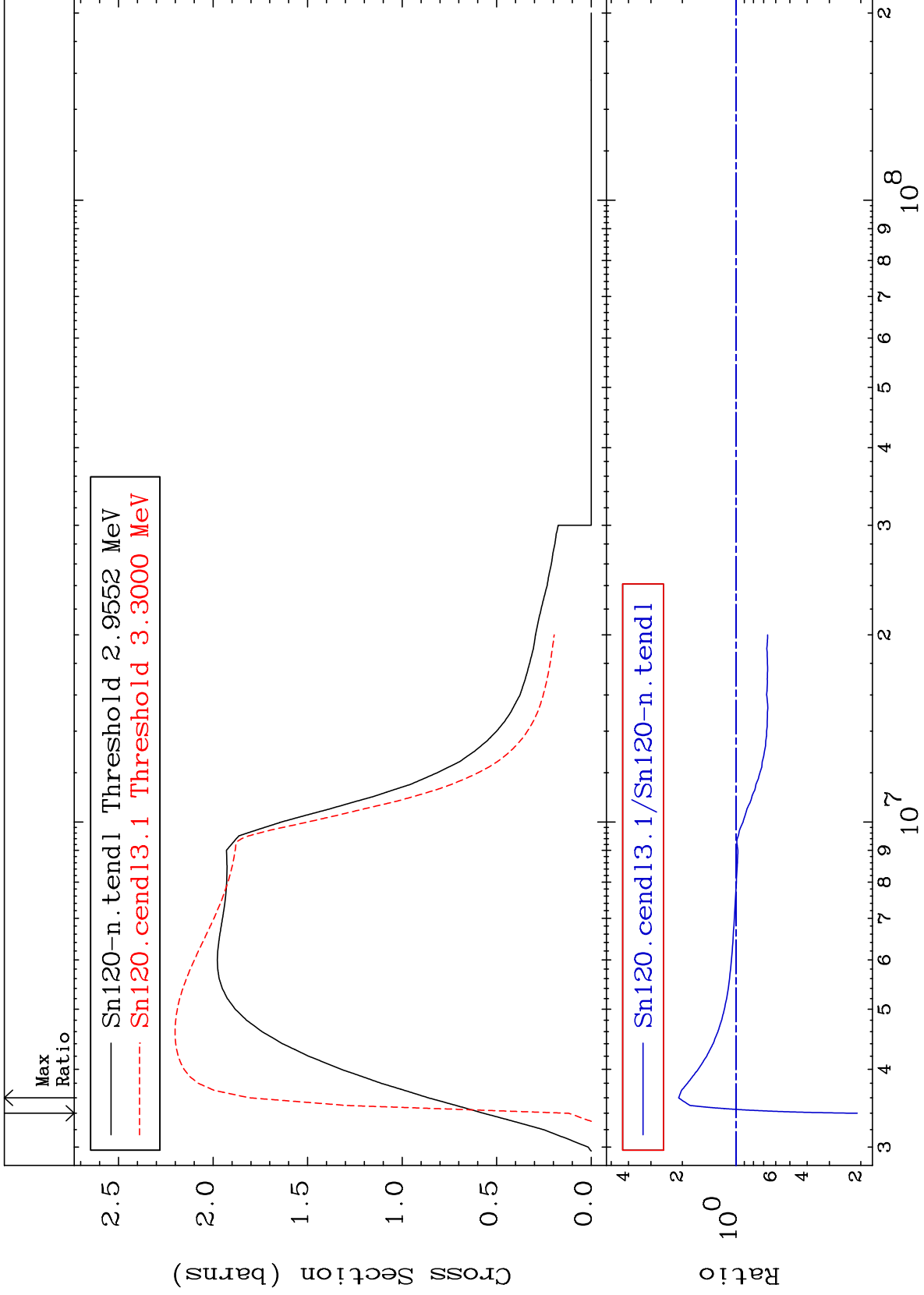
Cross Section



MAT 5049

(n, n') Continuum  
Cross Section

50-Sn-120  
-79.04 To 109.7 %



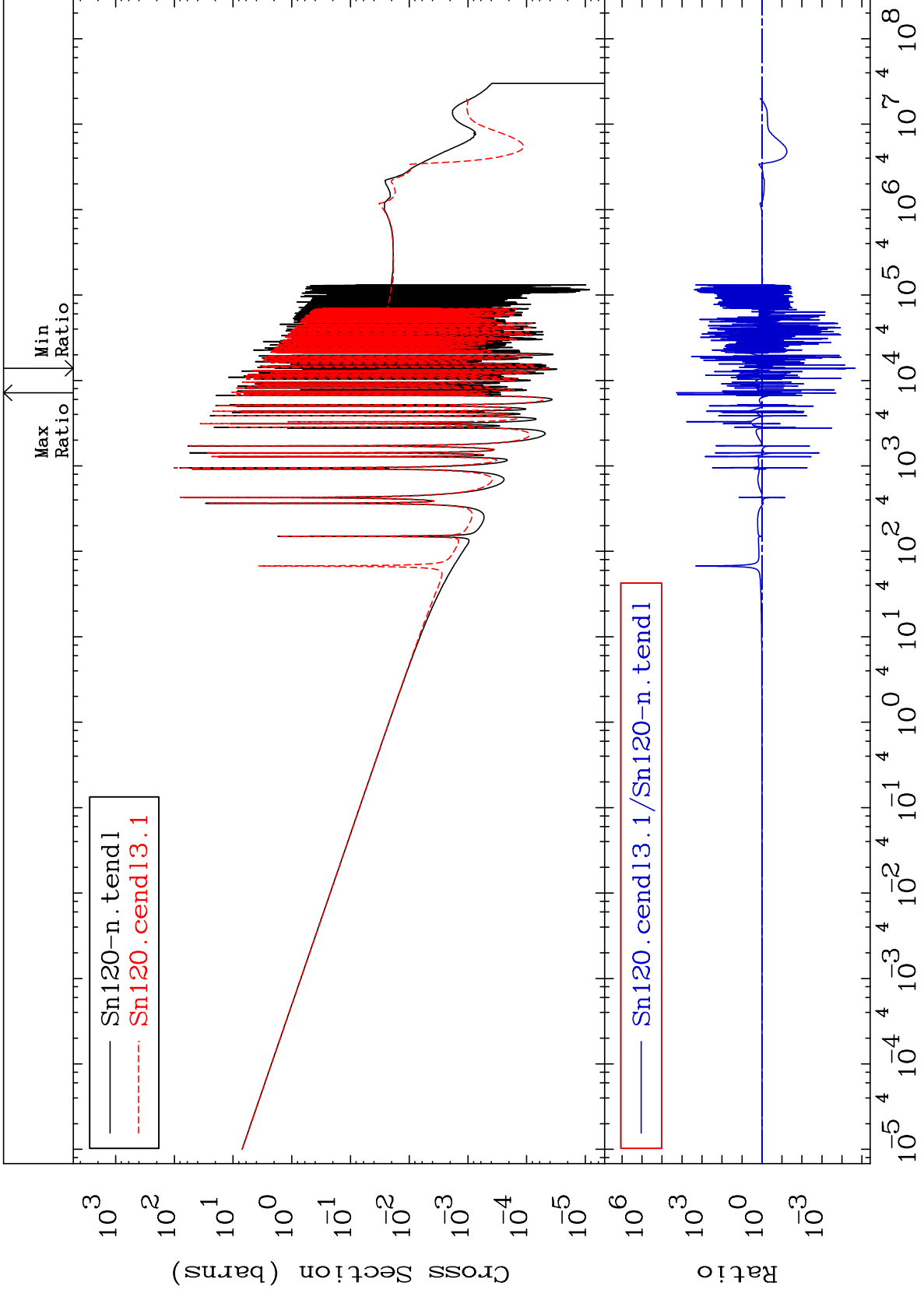
MAT 5049

(n,  $\gamma$ )

50-Sn-120

Cross Section

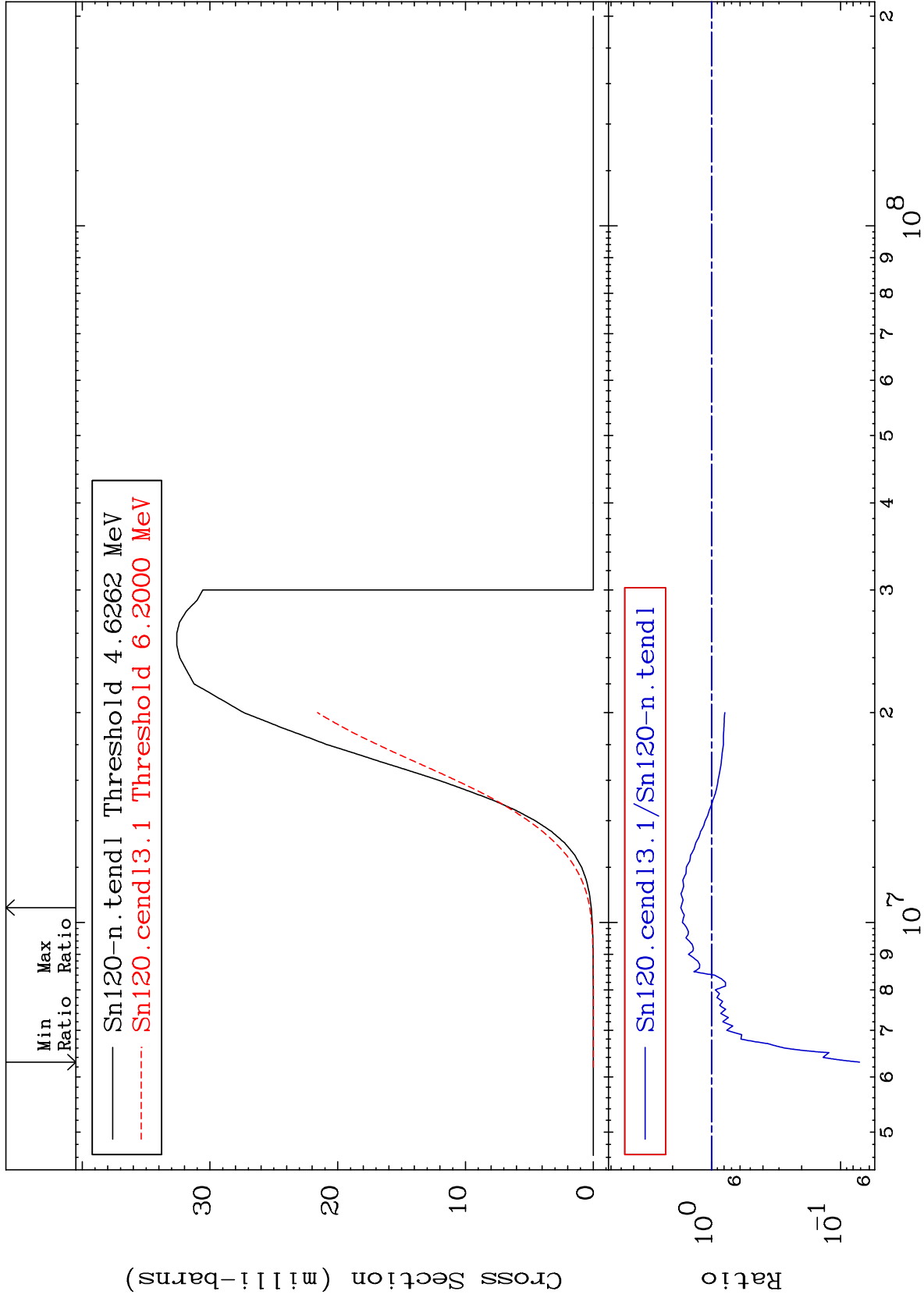
-100.0 To 9999. %



MAT 5049

(n,p)  
Cross Section

50-Sn-120  
-92.86 To 72.86 %



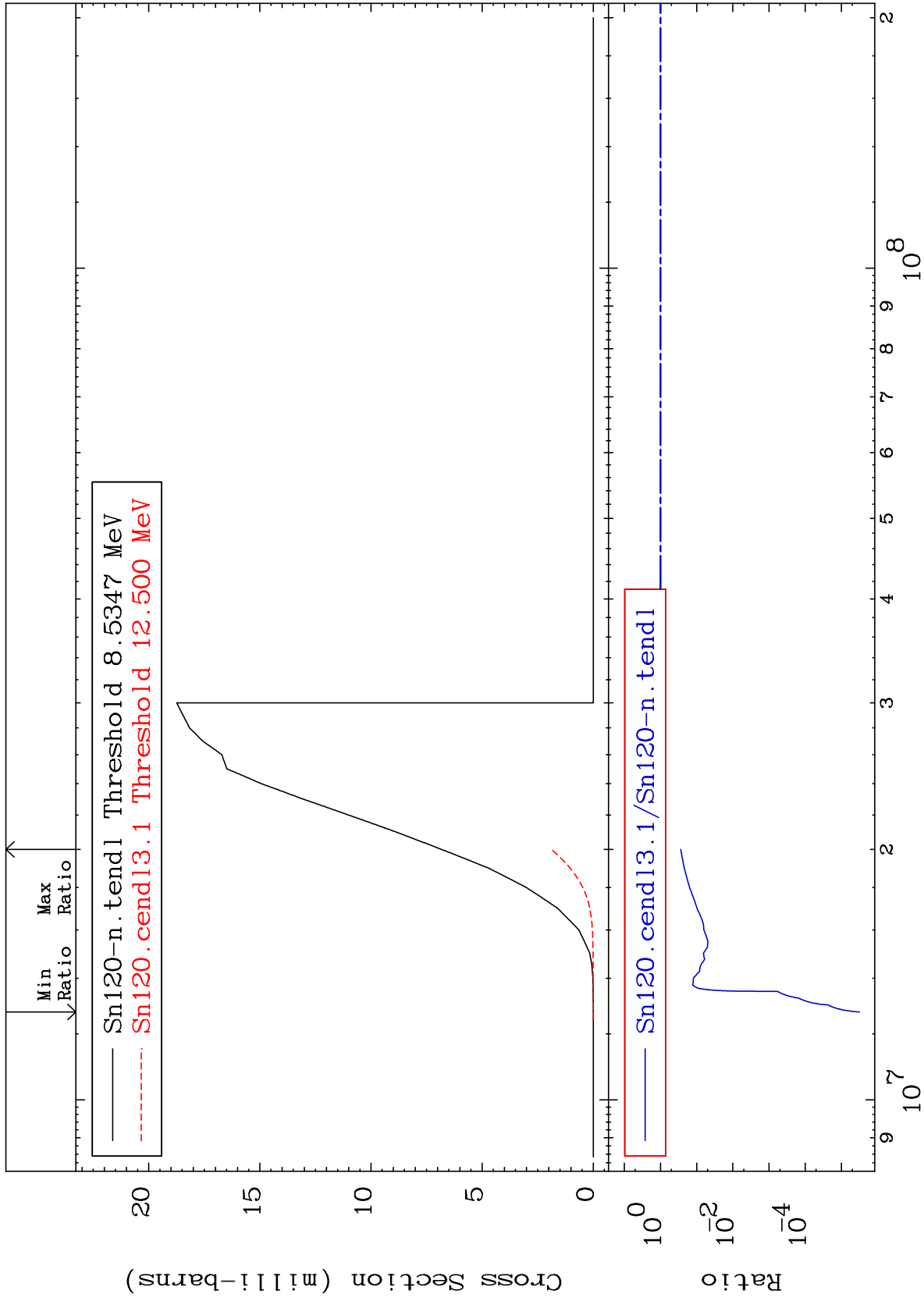
MAT 5049

(n, d)

50-Sn-120

Cross Section

-100.0 To -72.47%



29

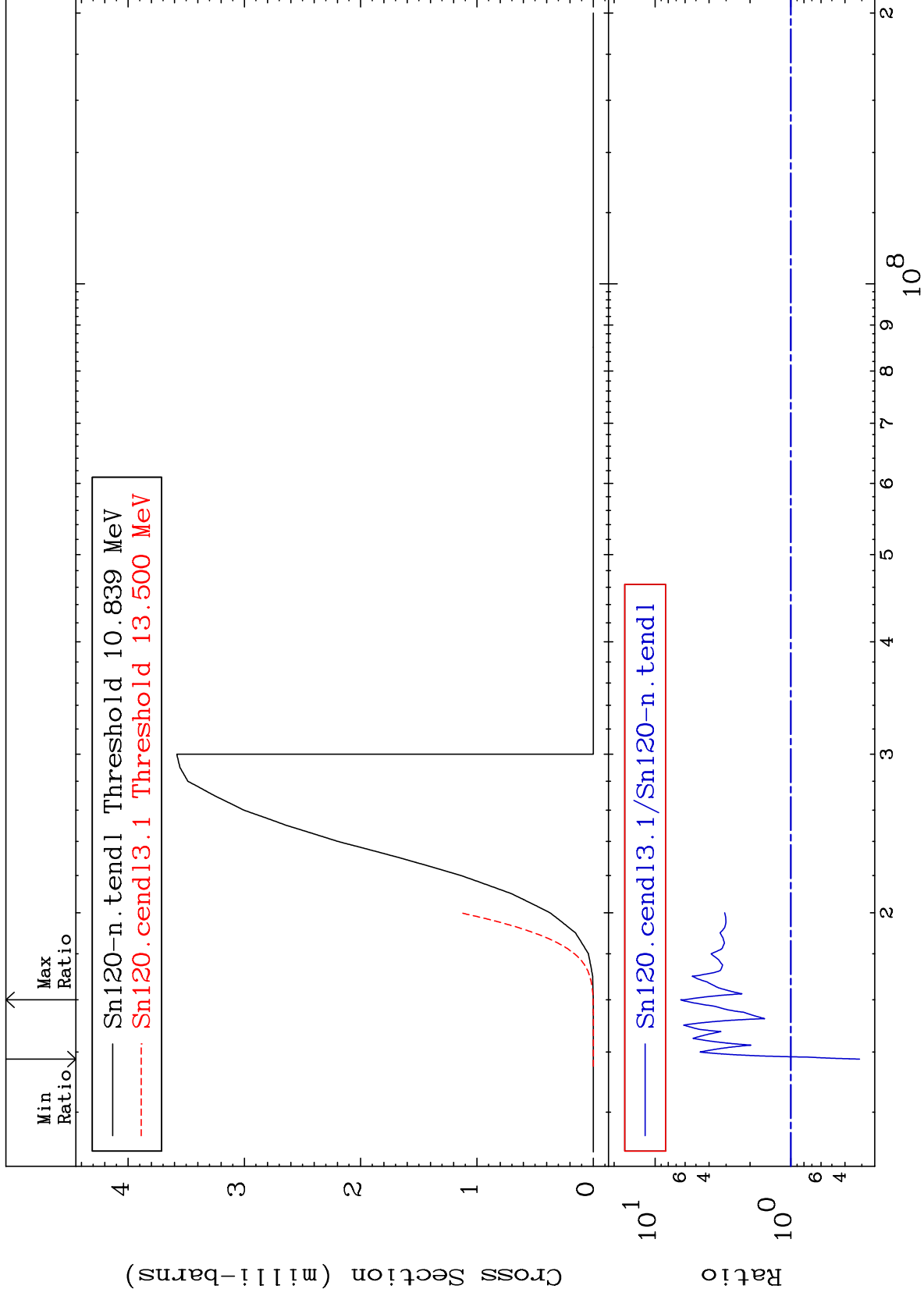
Incident Energy (eV)

50-Sn-120

MAT 5049

(n, t)  
Cross Section

50-Sn-120  
-68.78 To 546.5 %



30

Incident Energy (eV)

50-Sn-120

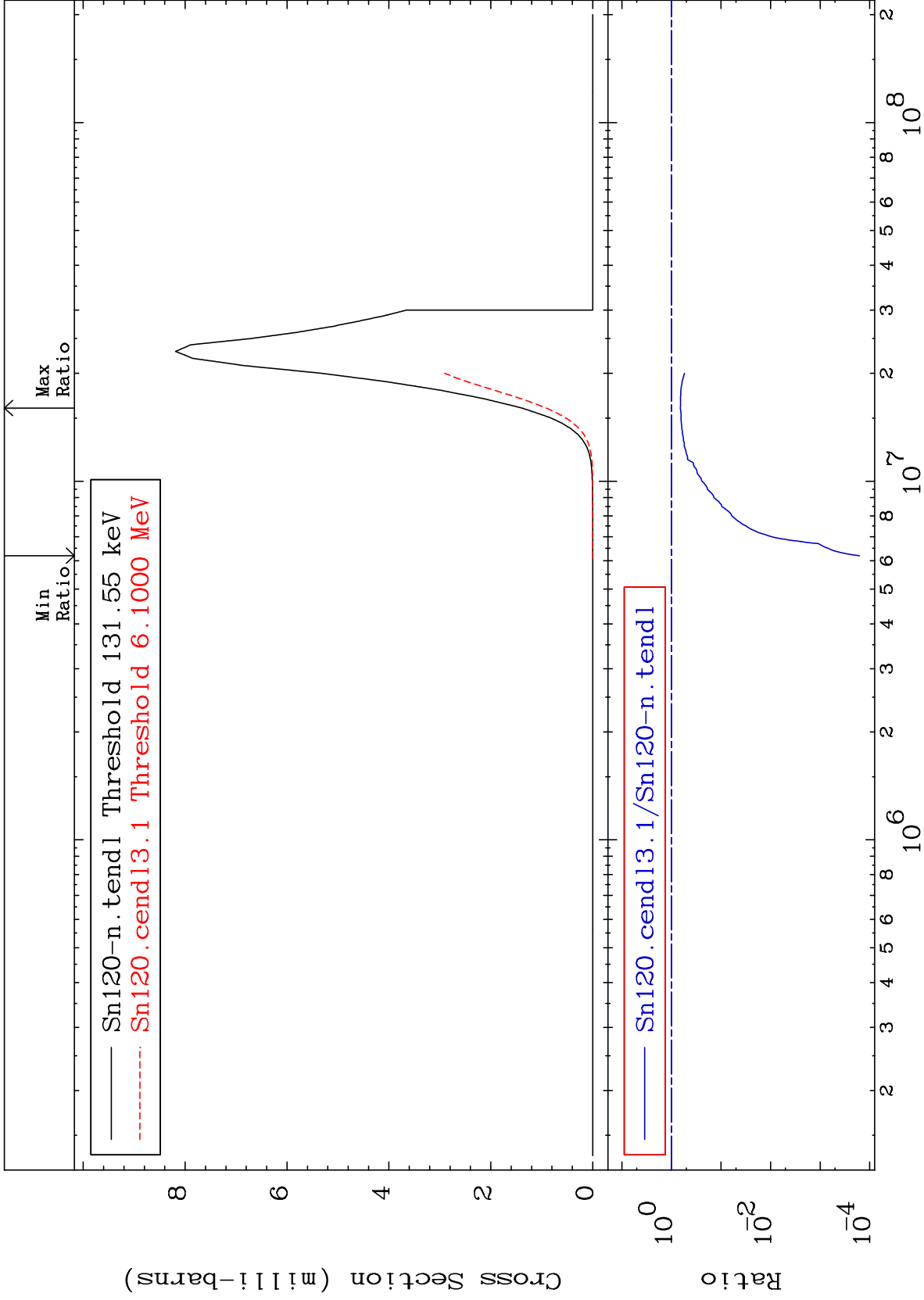
MAT 5049

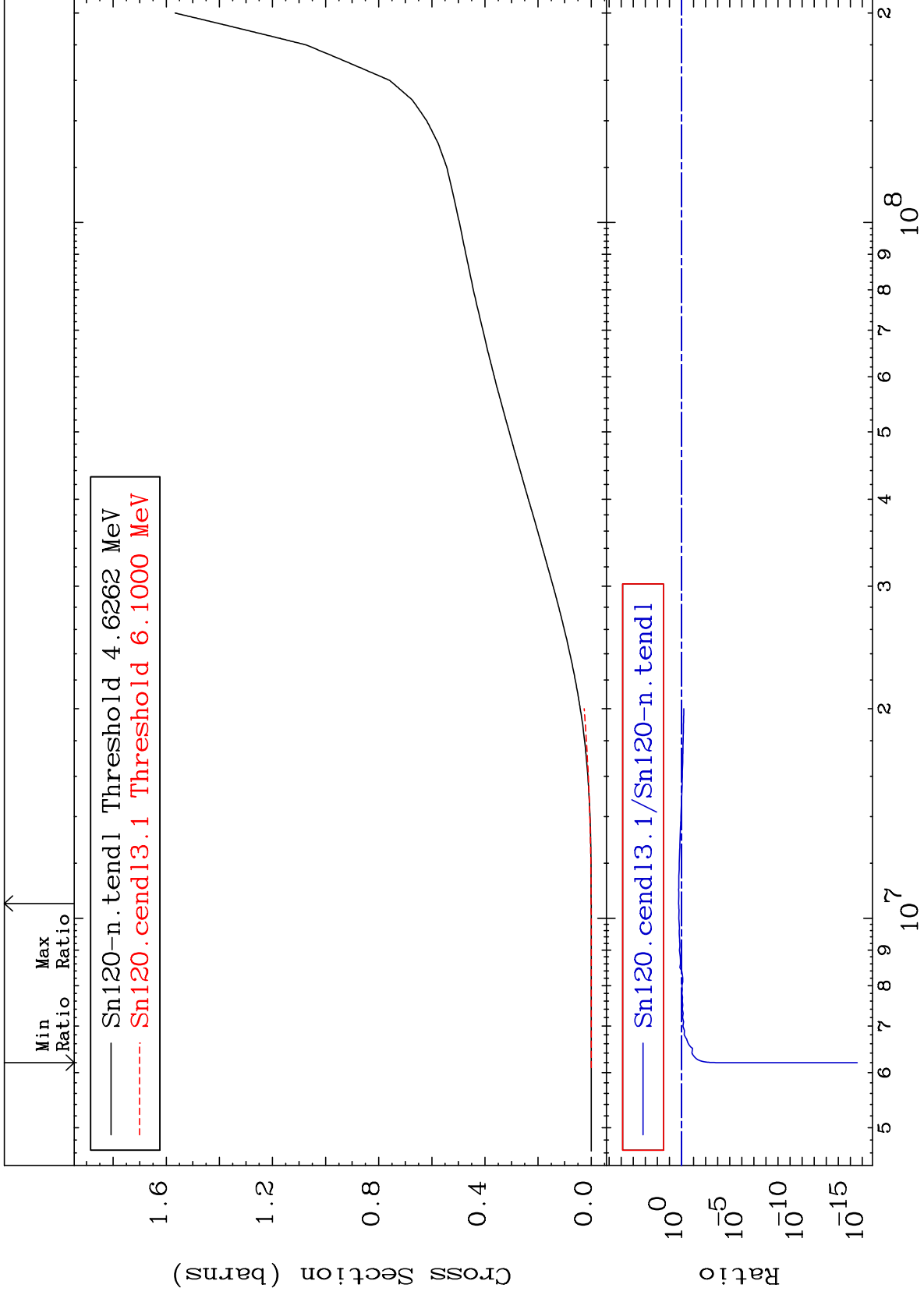
(n,  $\alpha$ )

50-Sn-120

Cross Section

-99.98 To -33.98%



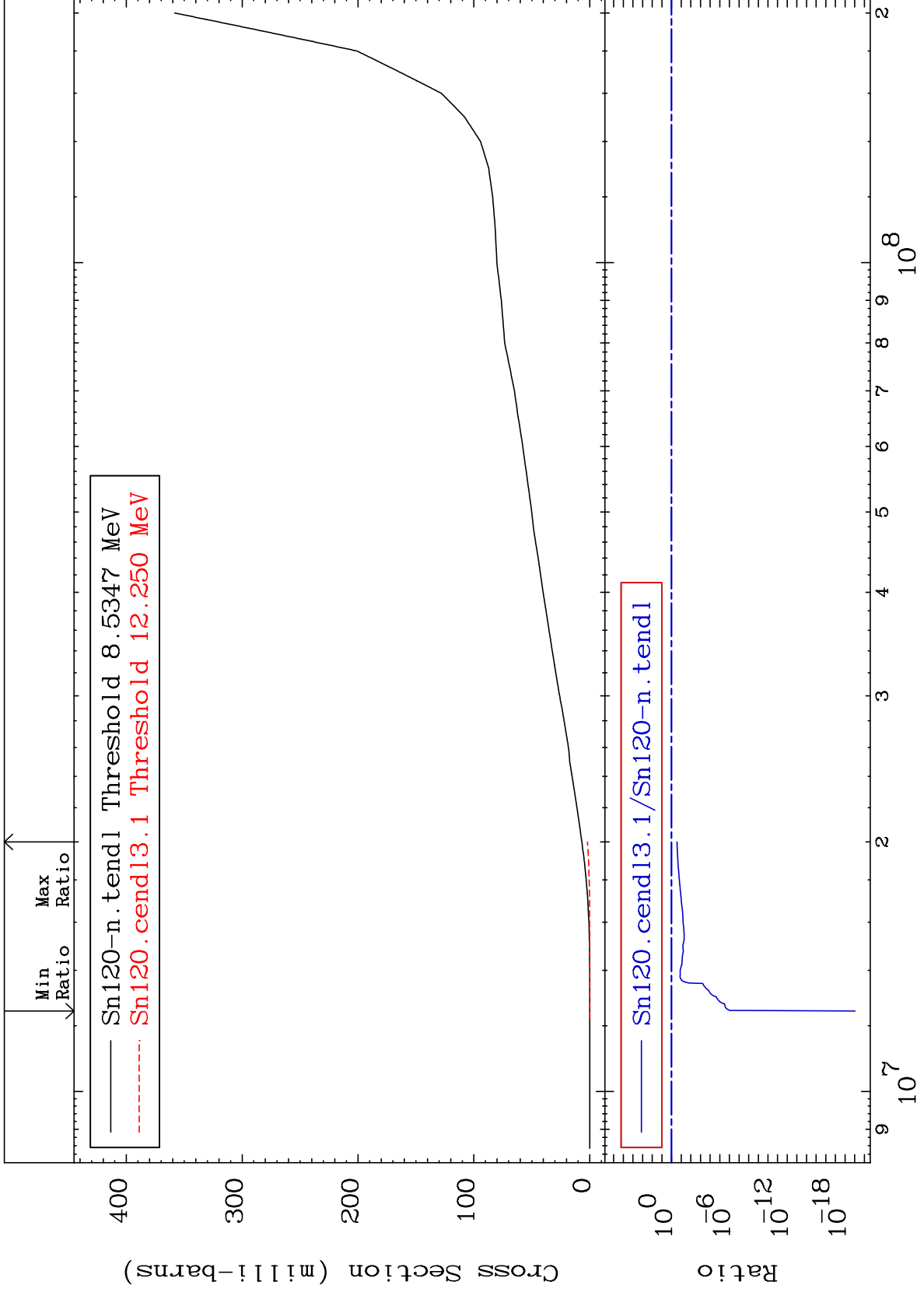




MAT 5049

Deuterium Production  
Cross Section

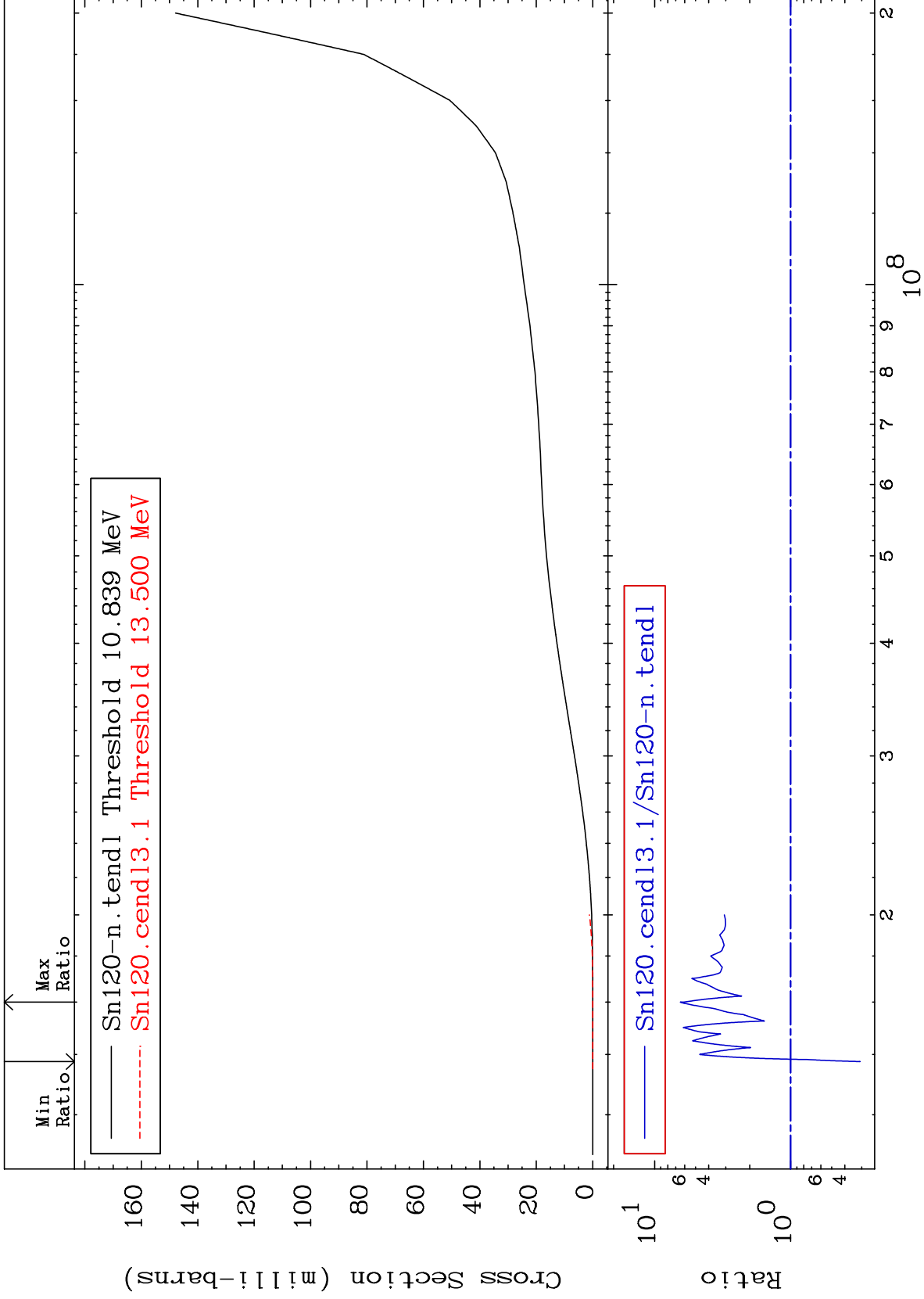
50-Sn-120  
-100.0 To -72.47%



33

Incident Energy (eV)

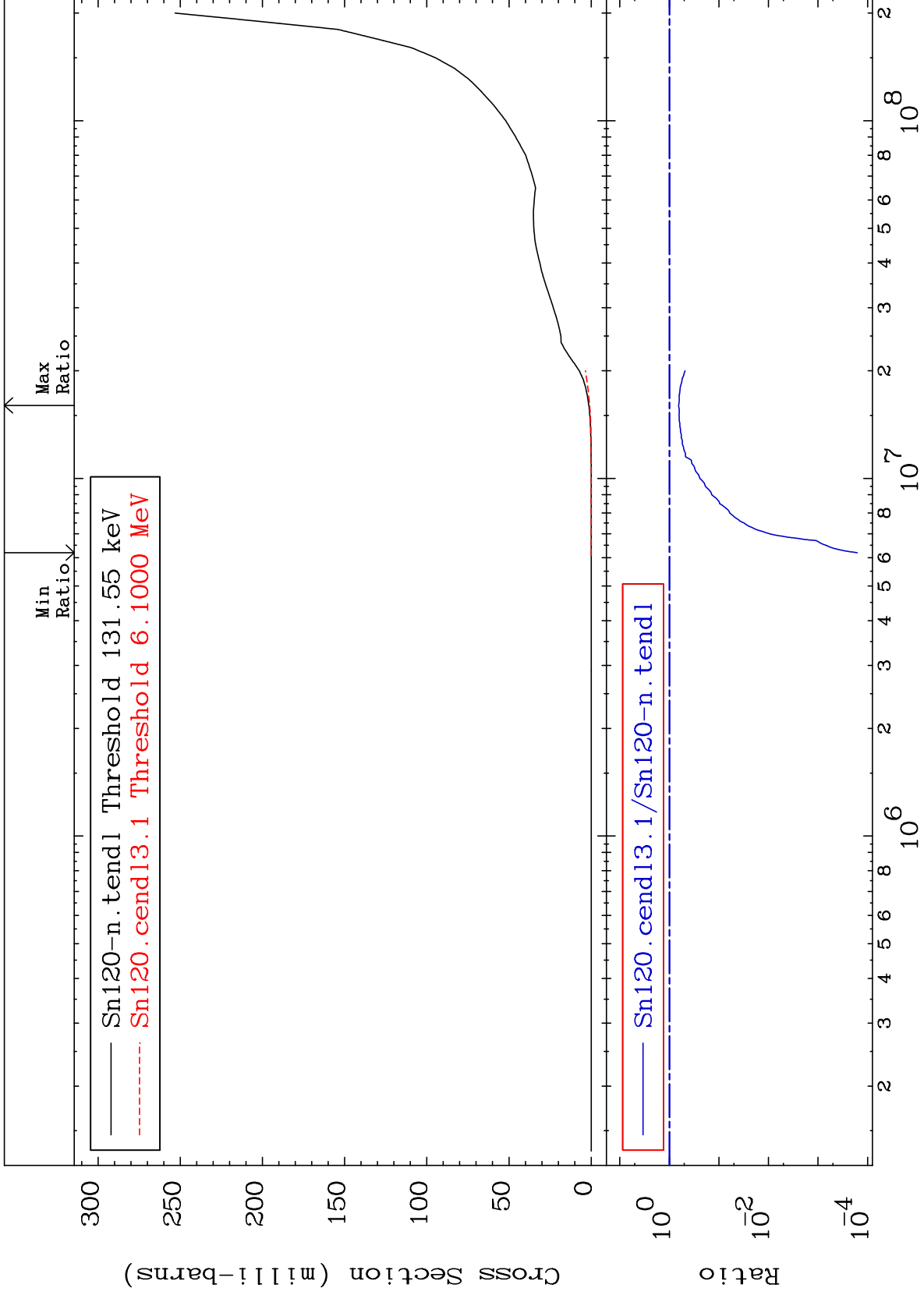
50-Sn-120



MAT 5049

He-4 Production  
Cross Section

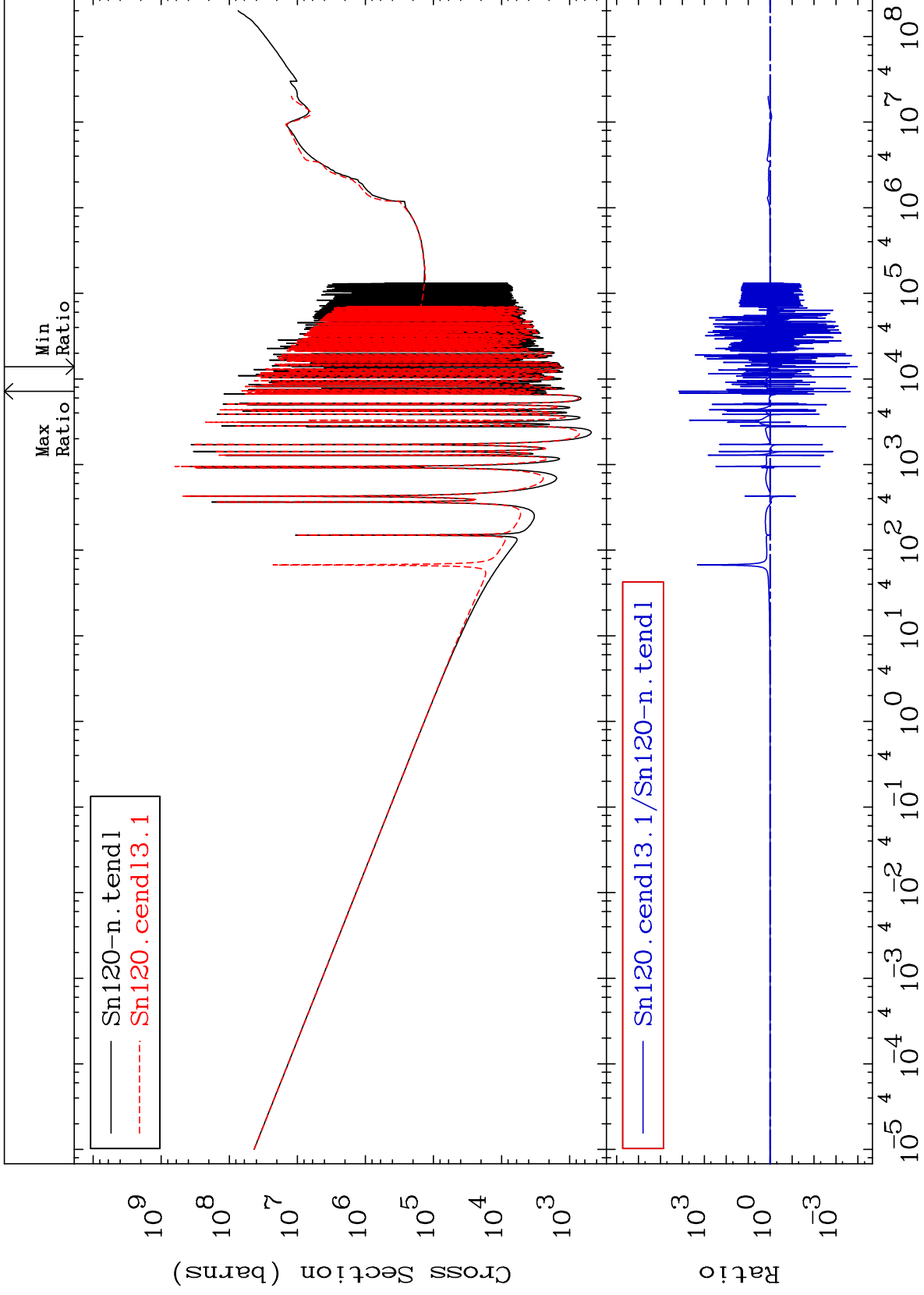
50-Sn-120  
-99.98 To -35.03%



MAT 5049

Kerma total (eV-barns)  
Cross Section

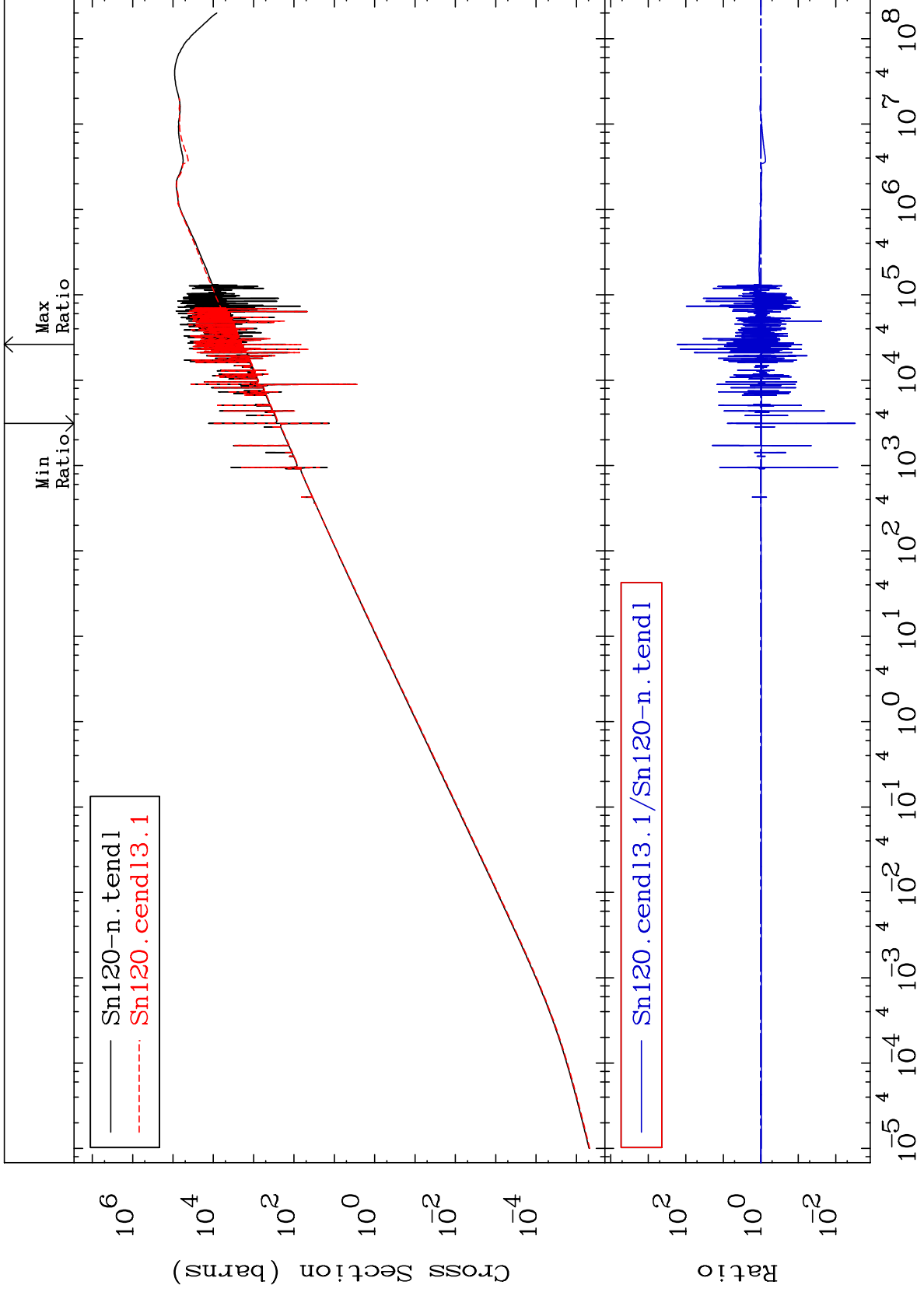
50-Sn-120  
-99.99 To 9999. %

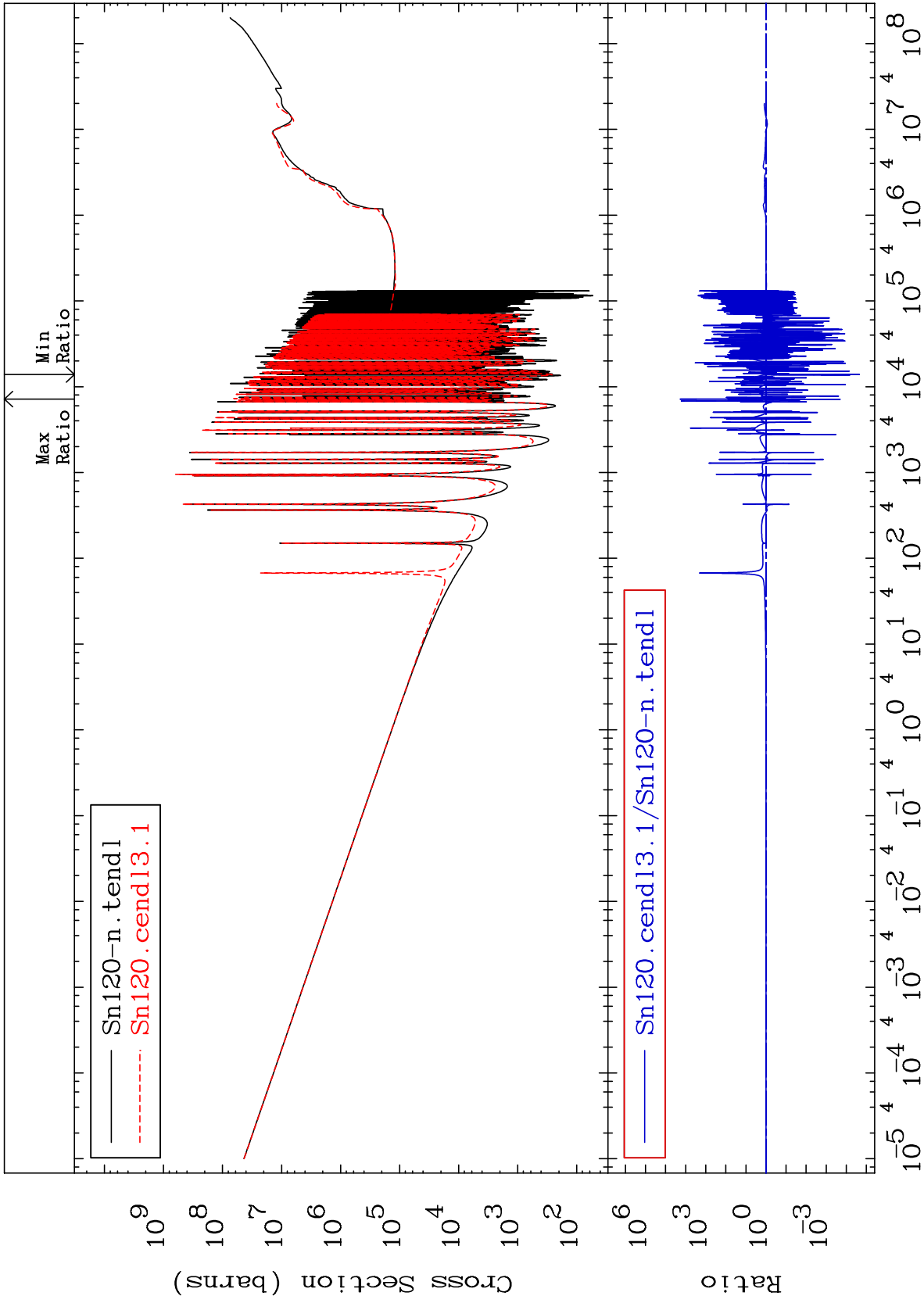


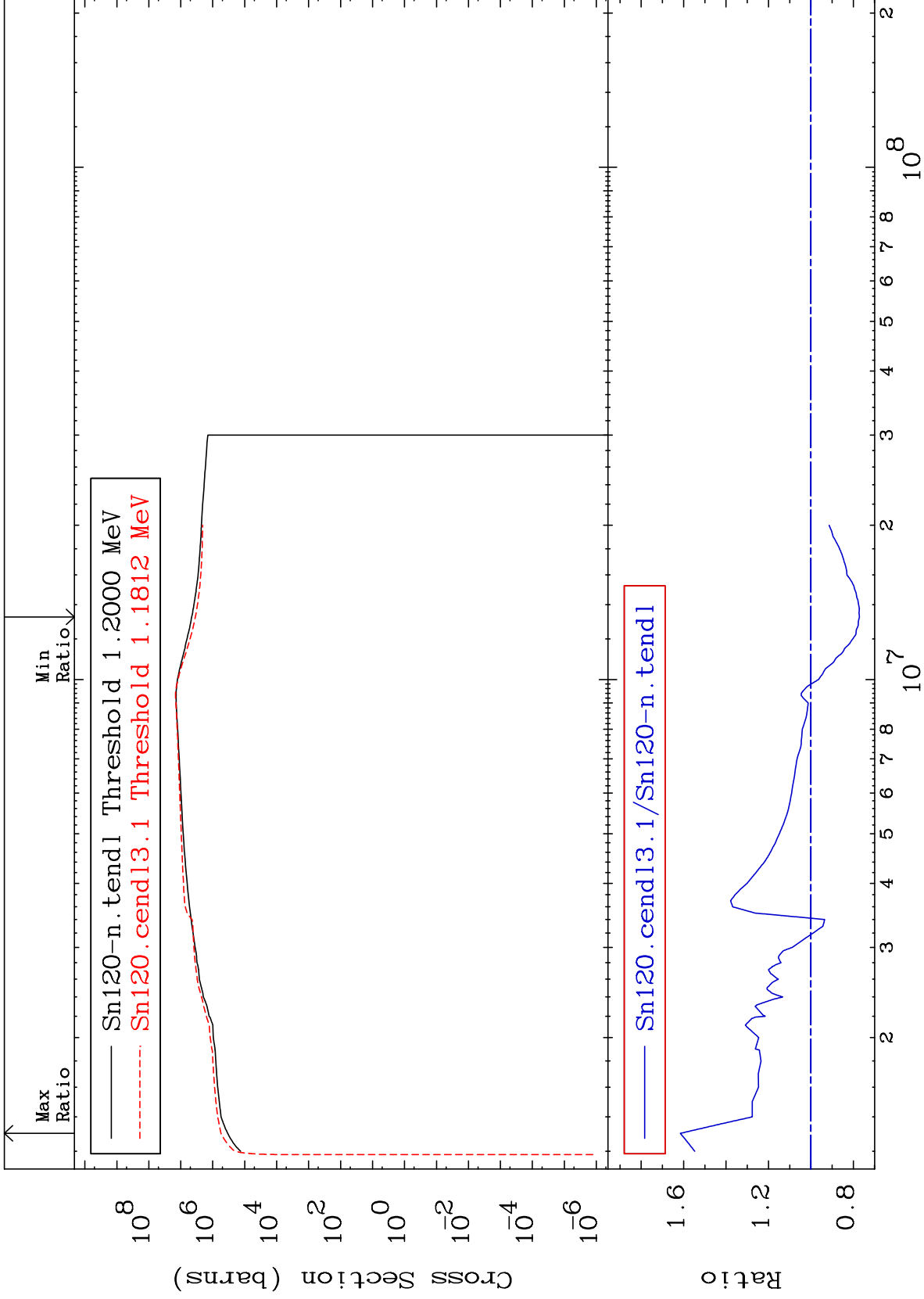
MAT 5049

Kerma elastic  
Cross Section

50-Sn-120  
-99.69 To 9999. %



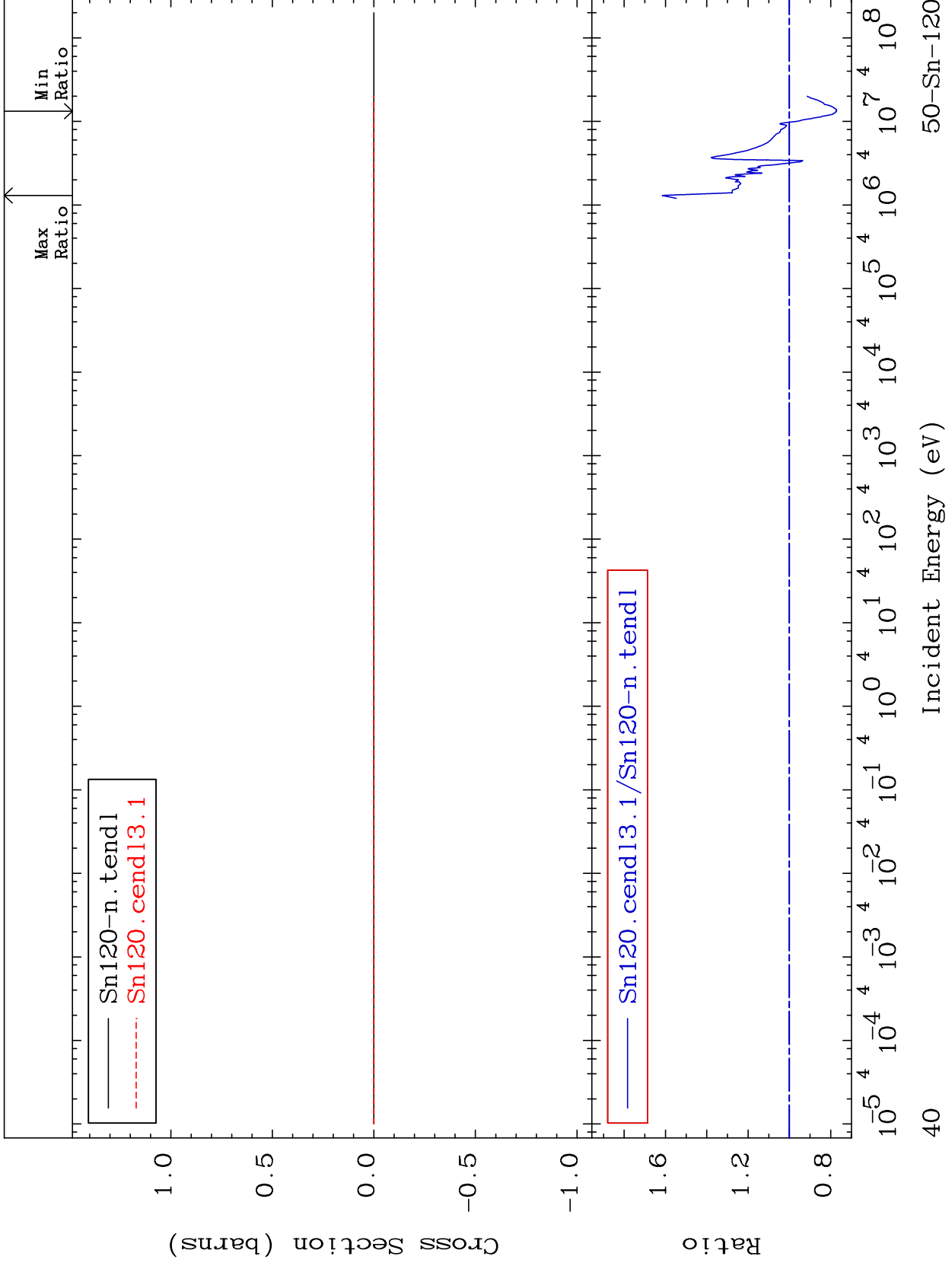




MAT 5049

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

50-Sn-120  
-22.88 To 61.54 %

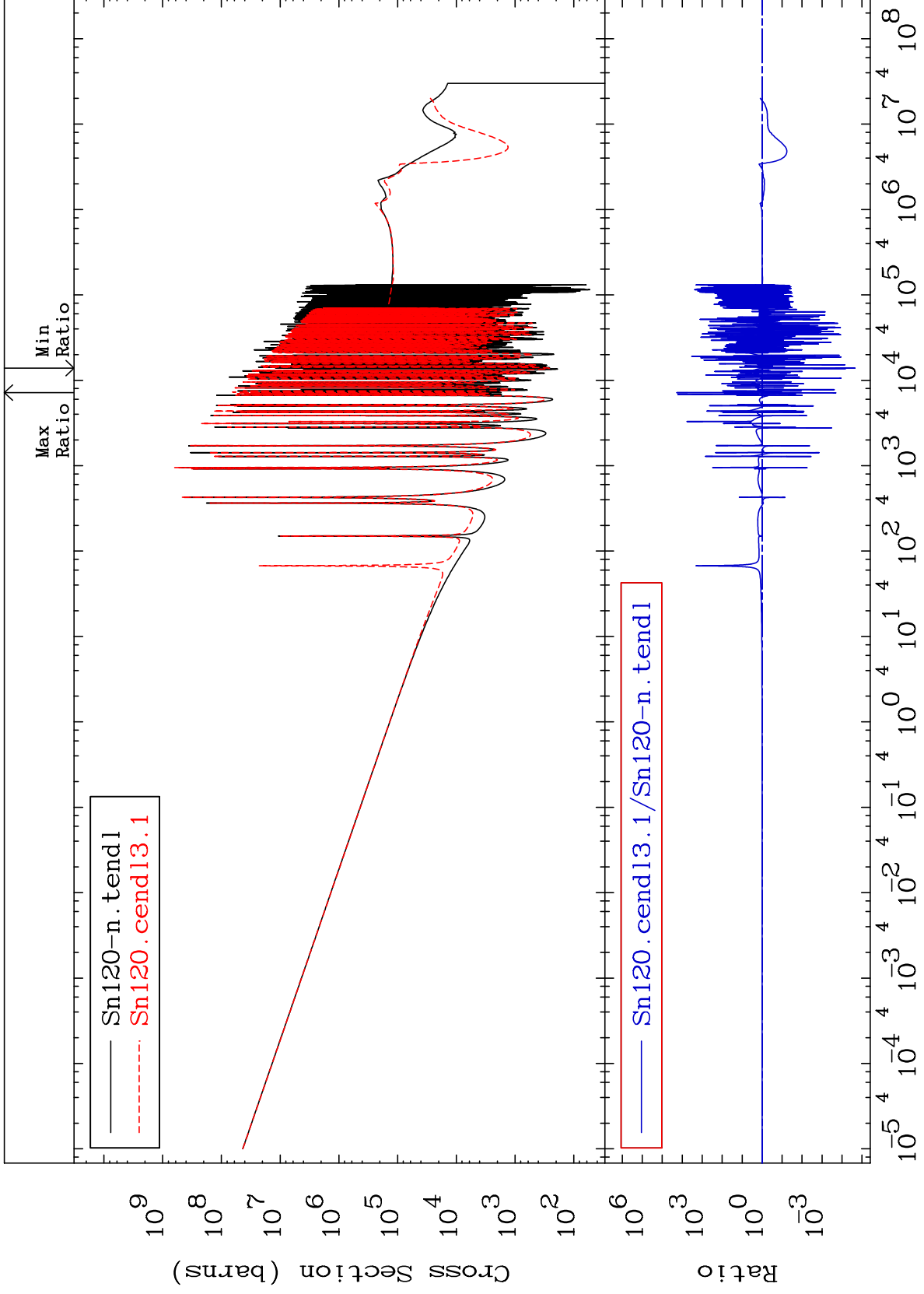




MAT 5049

Kerma capture (mt102)  
Cross Section

50-Sn-120  
-100.0 To 9999. %



41

Incident Energy (eV)

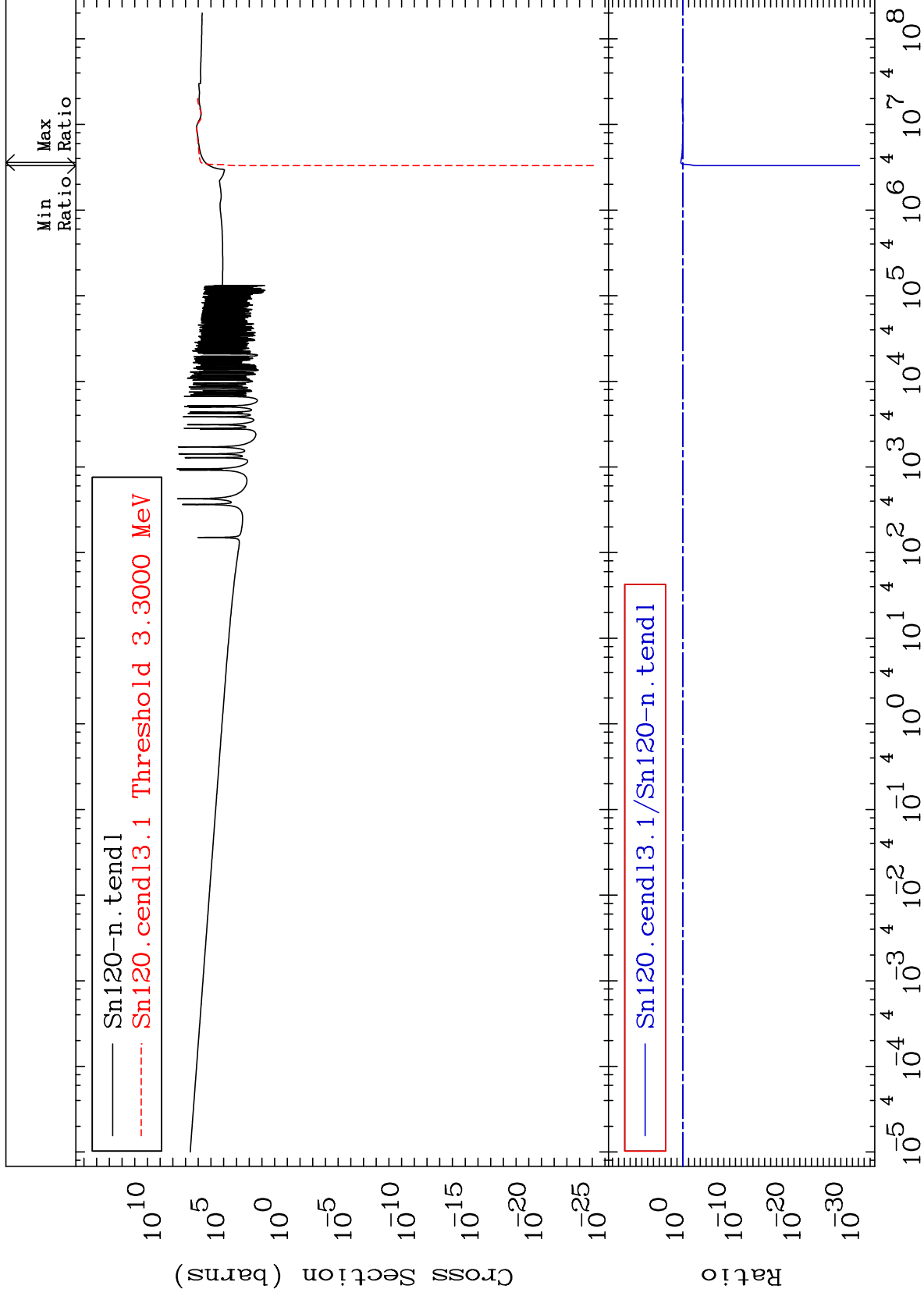
50-Sn-120

MAT 5049

Total photon (eV-barns)  
Cross Section

50-Sn-120

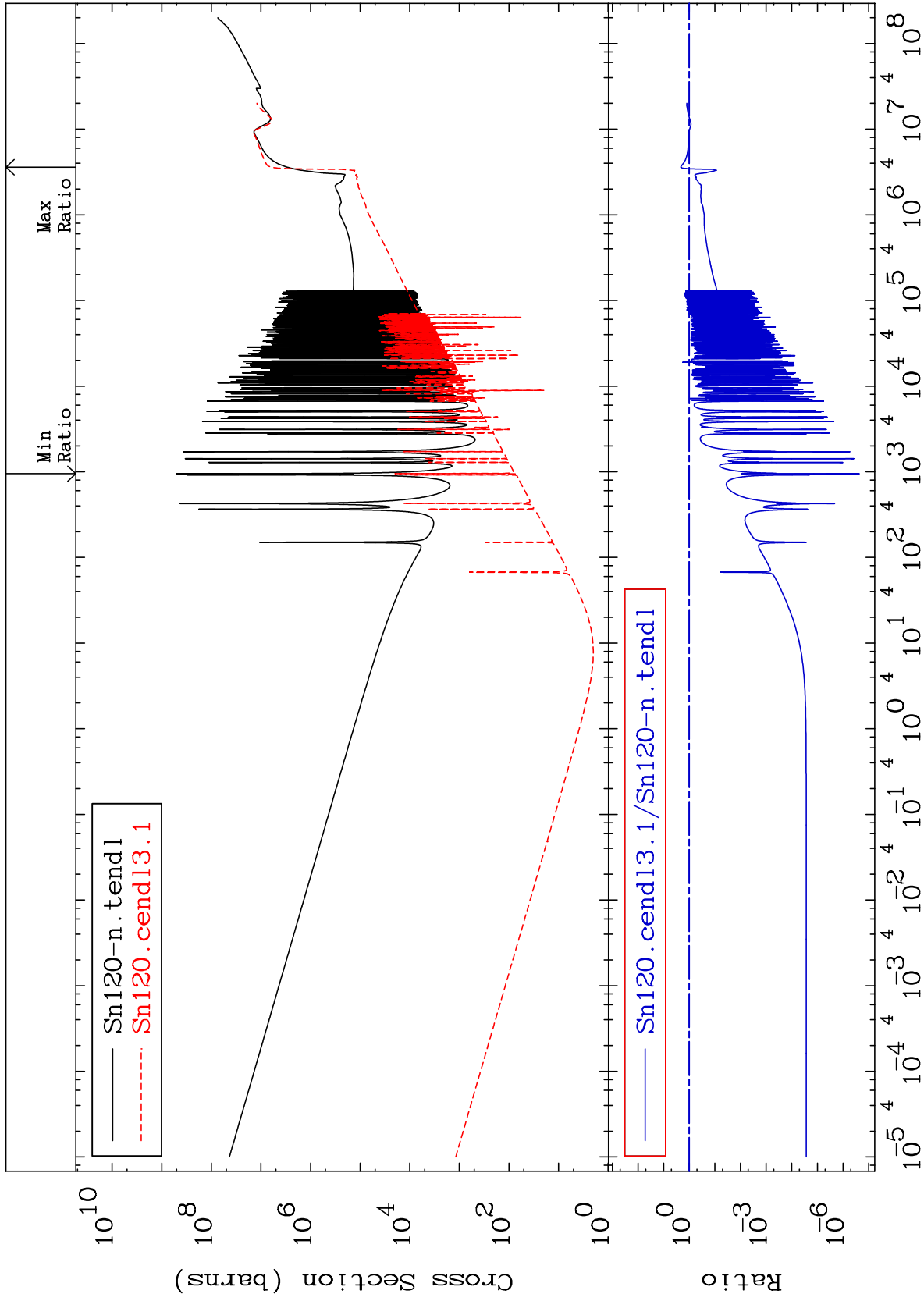
-100.0 To 119.7 %



MAT 5049

Total kinematic kerma (high limit)  
Cross Section

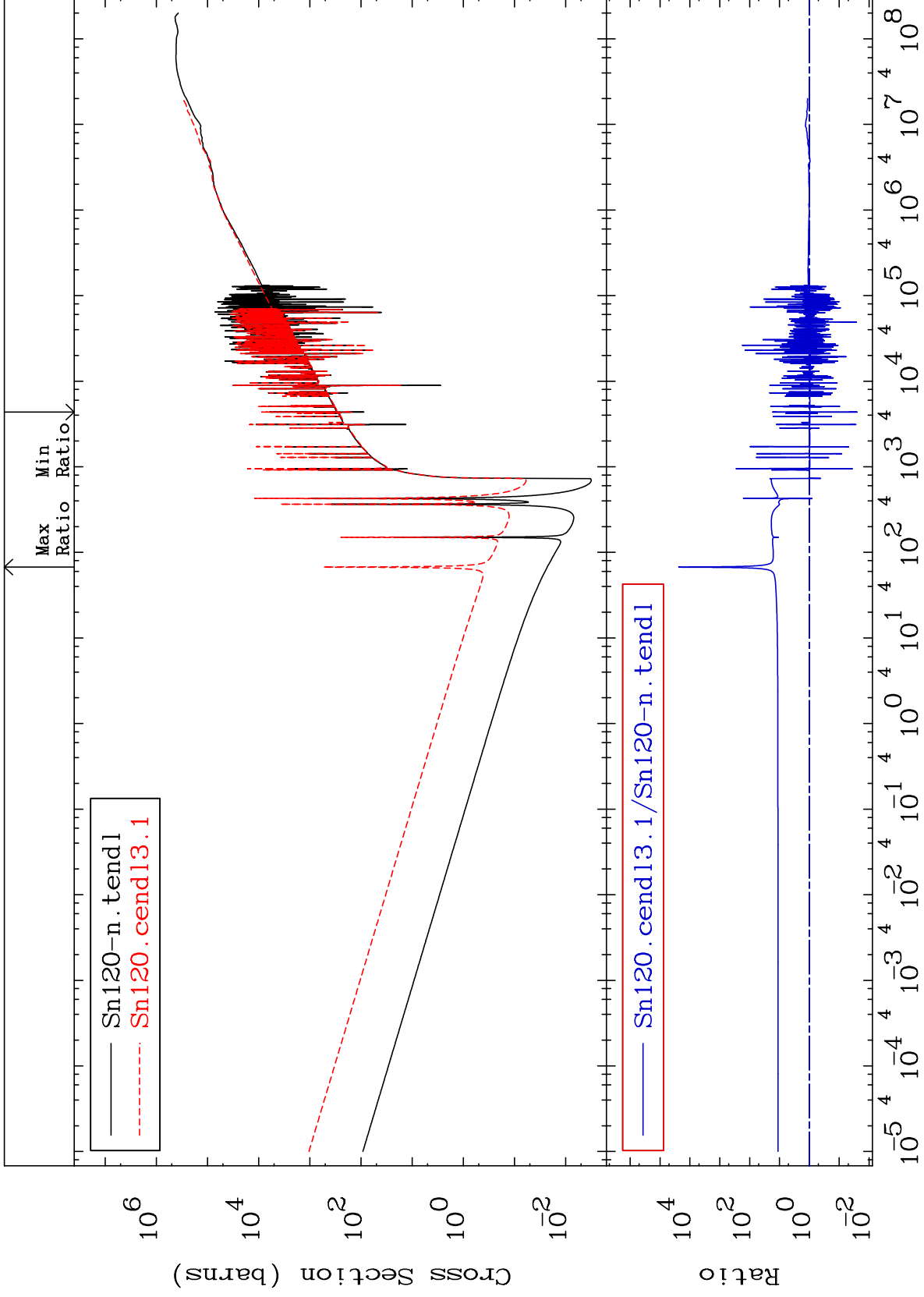
50-Sn-120  
-100.0 To 114.1 %



MAT 5049

Dpa total (eV-barns)  
Cross Section

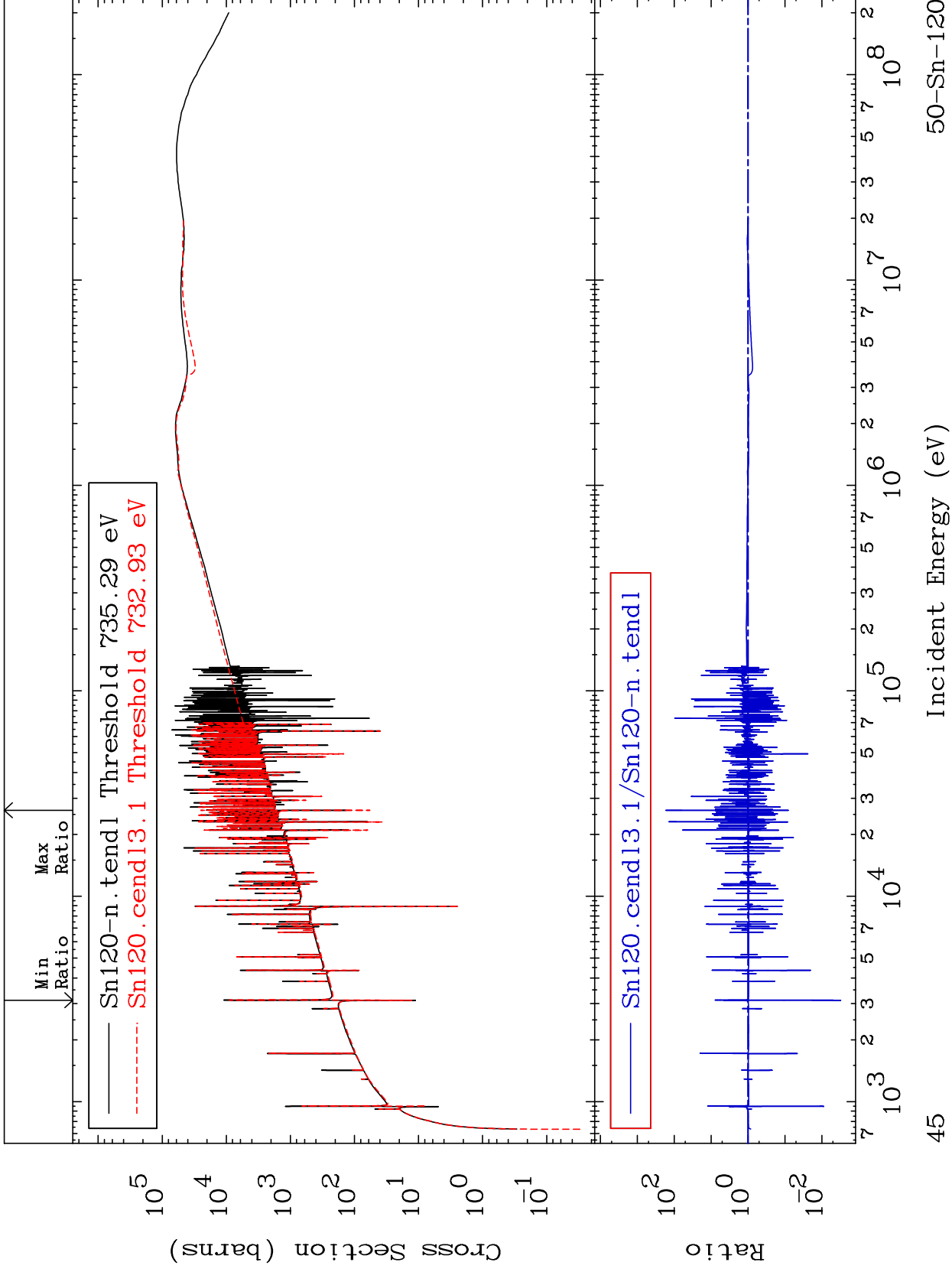
50-Sn-120  
-97.51 To 9999. %



MAT 5049

Dpa elastic (mt2)  
Cross Section

50-Sn-120  
-99.69 To 9999. %

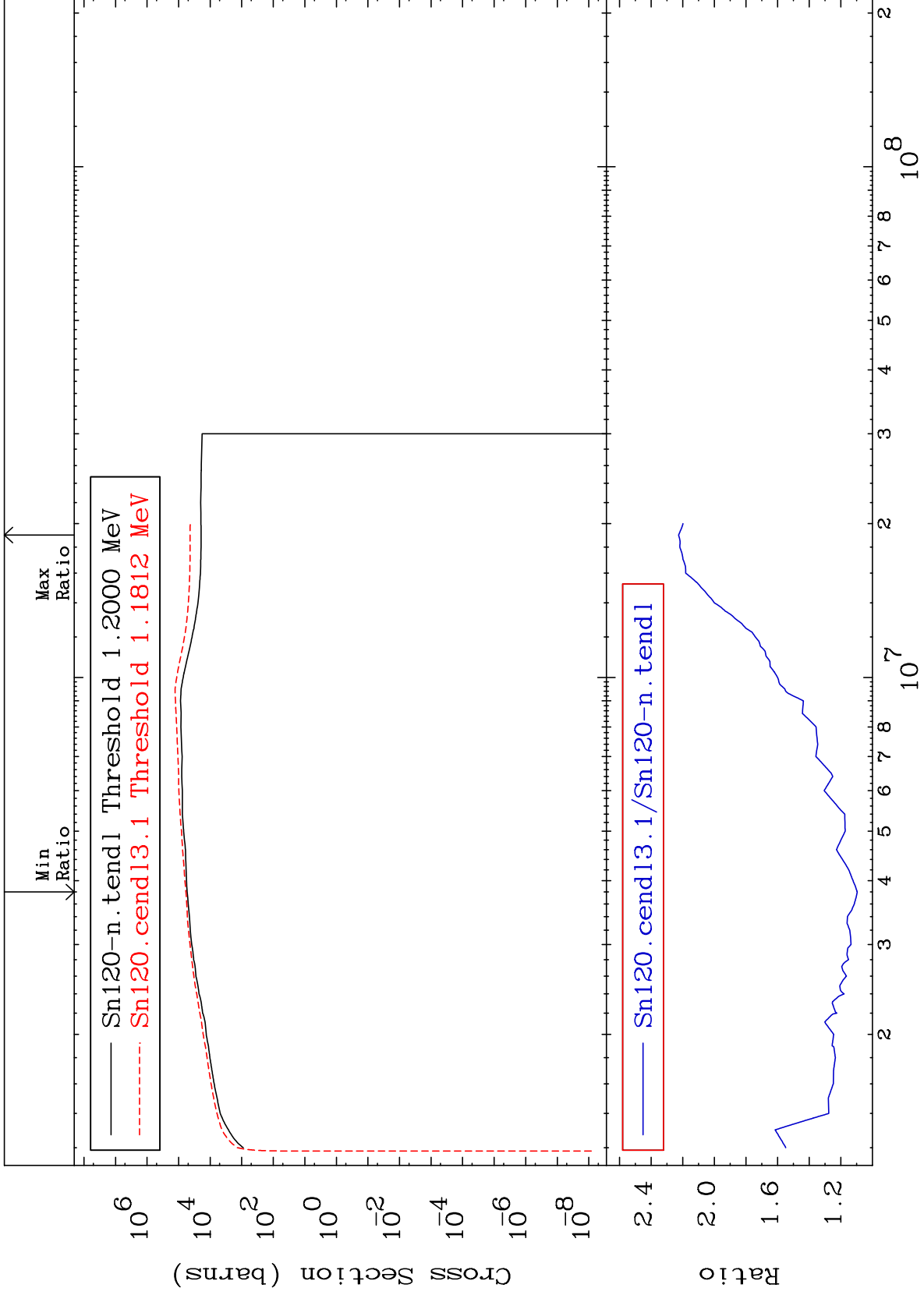


45

MAT 5049

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-120  
To 122.6 %



MAT 5049

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-120  
-99.96 To 9999. %

