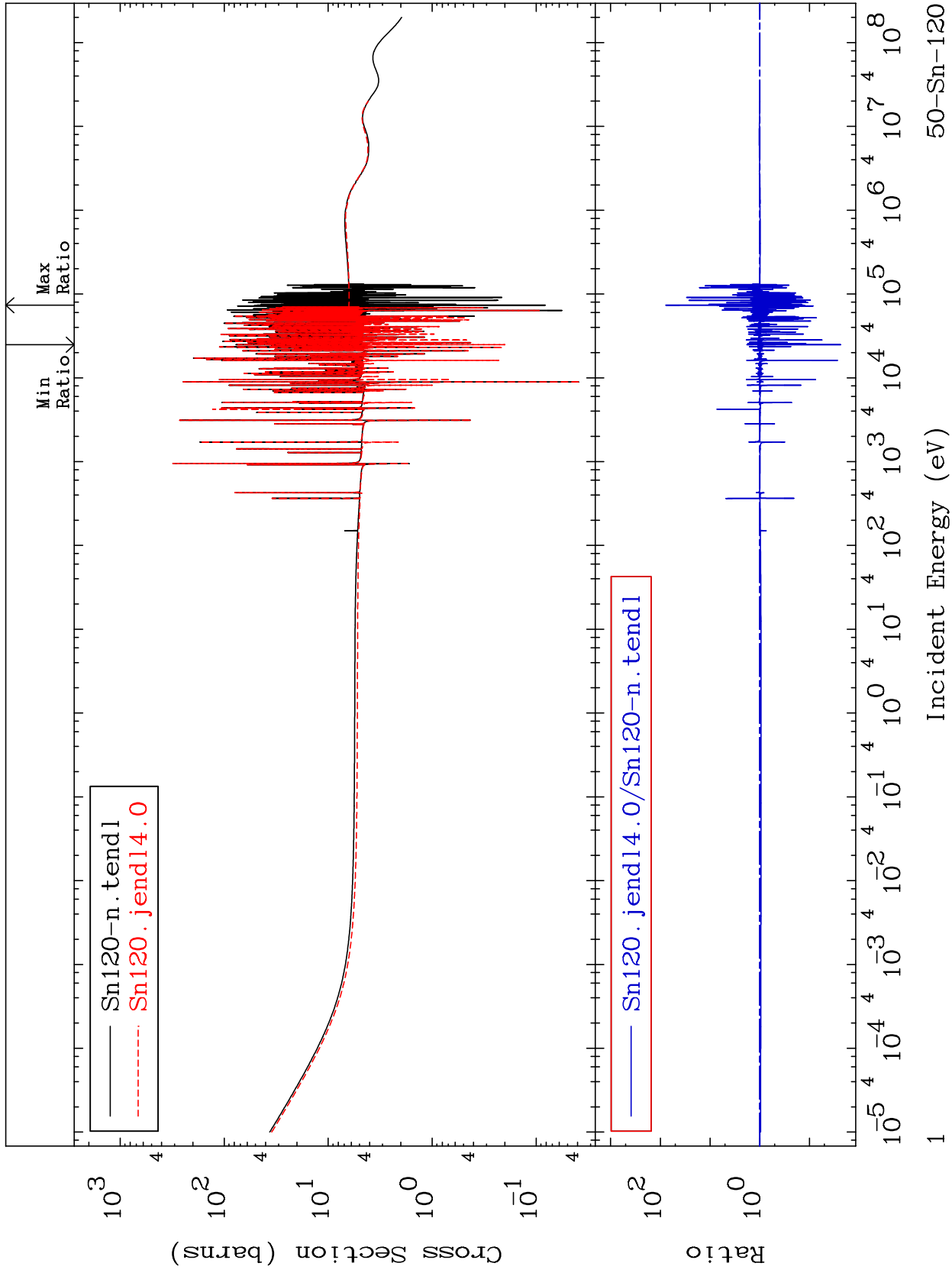


MAT 5049

Total
Cross Section

50-Sn-120
-97.67 To 7602. %



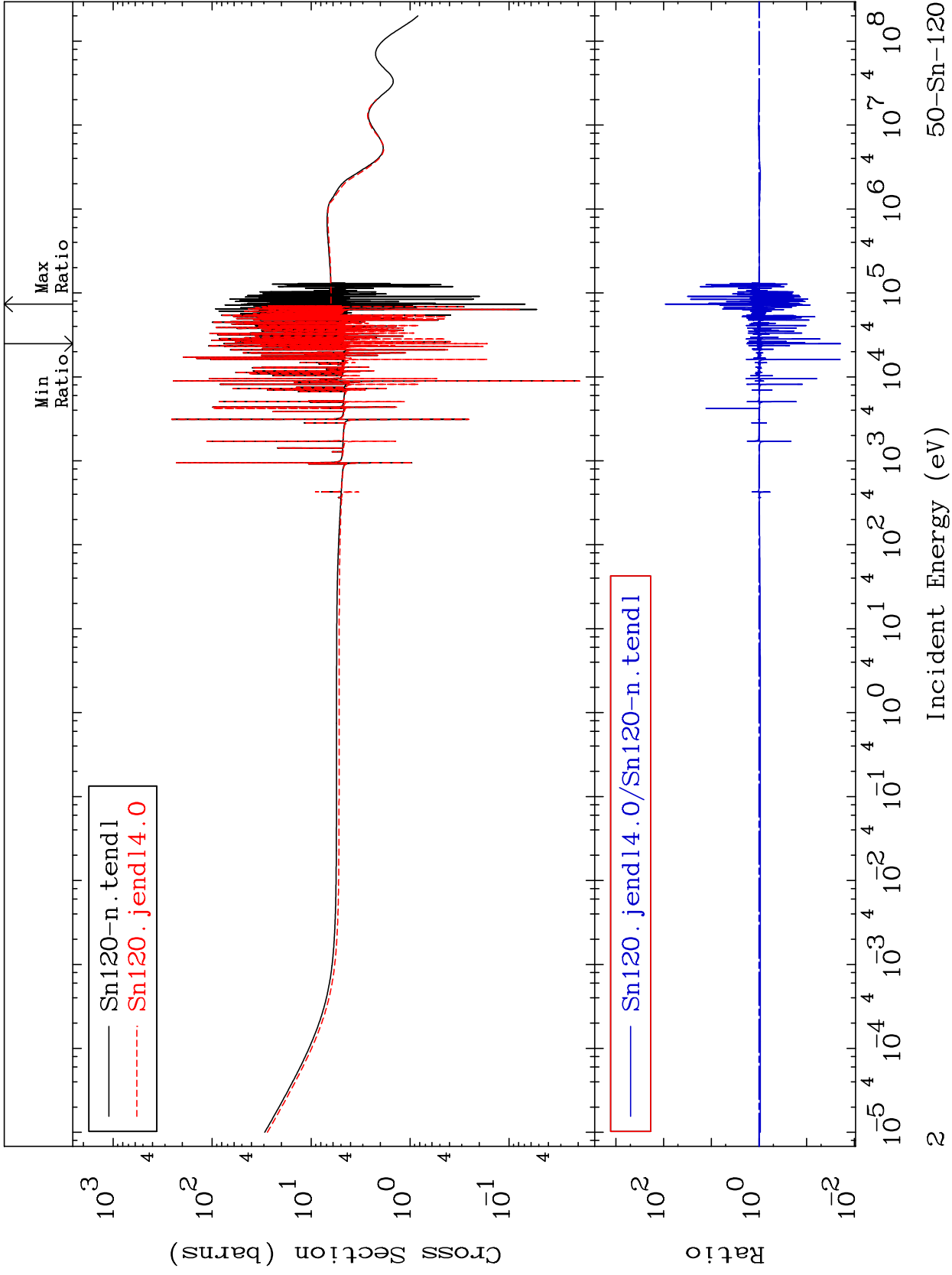
Incident Energy (eV)

50-Sn-120

MAT 5049

Elastic
Cross Section

50-Sn-120
-98.06 To 9039. %



50-Sn-120

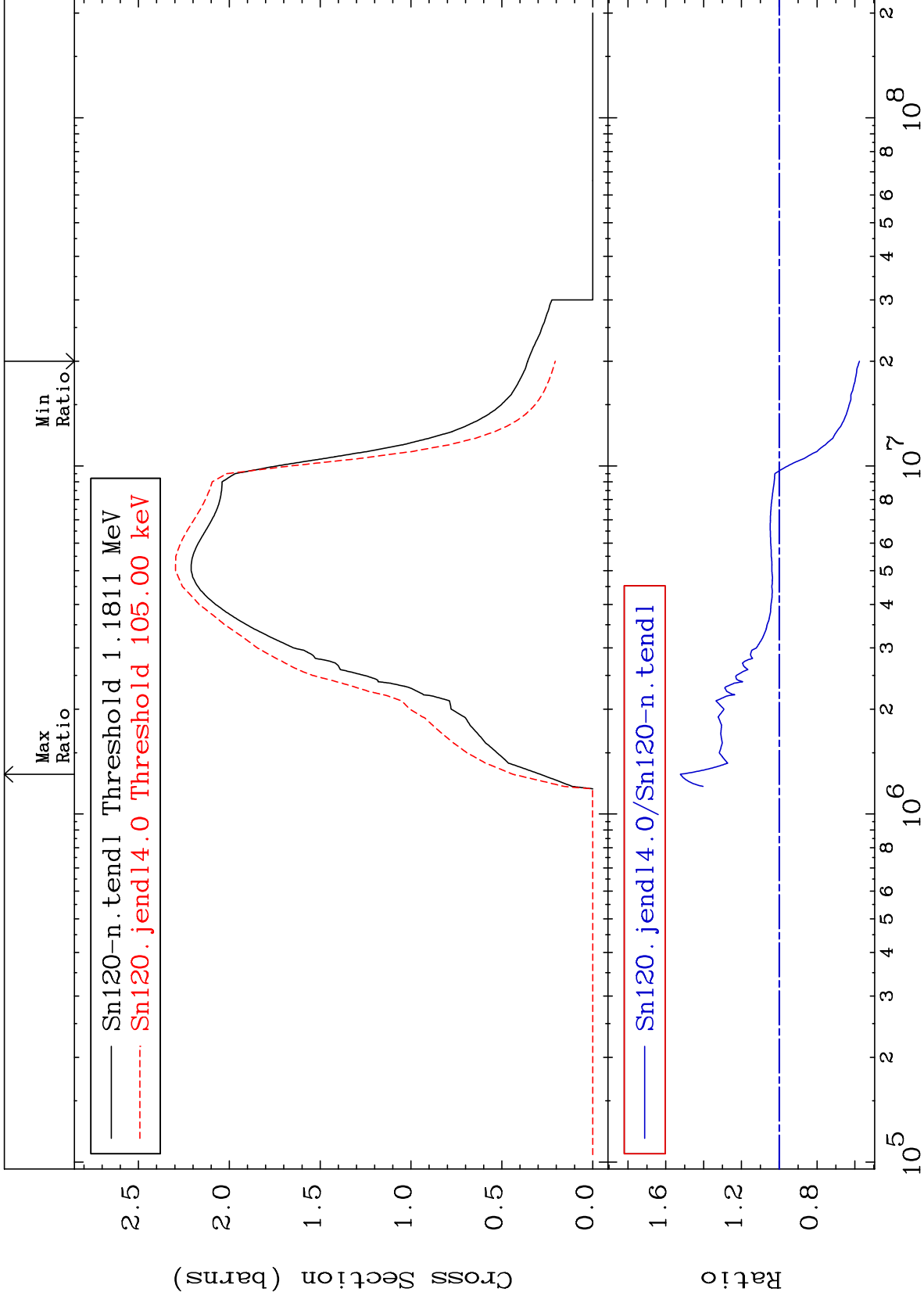
Incident Energy (eV)

2

MAT 5049

Inelastic
Cross Section

50-Sn-120
-42.41 To 52.30 %



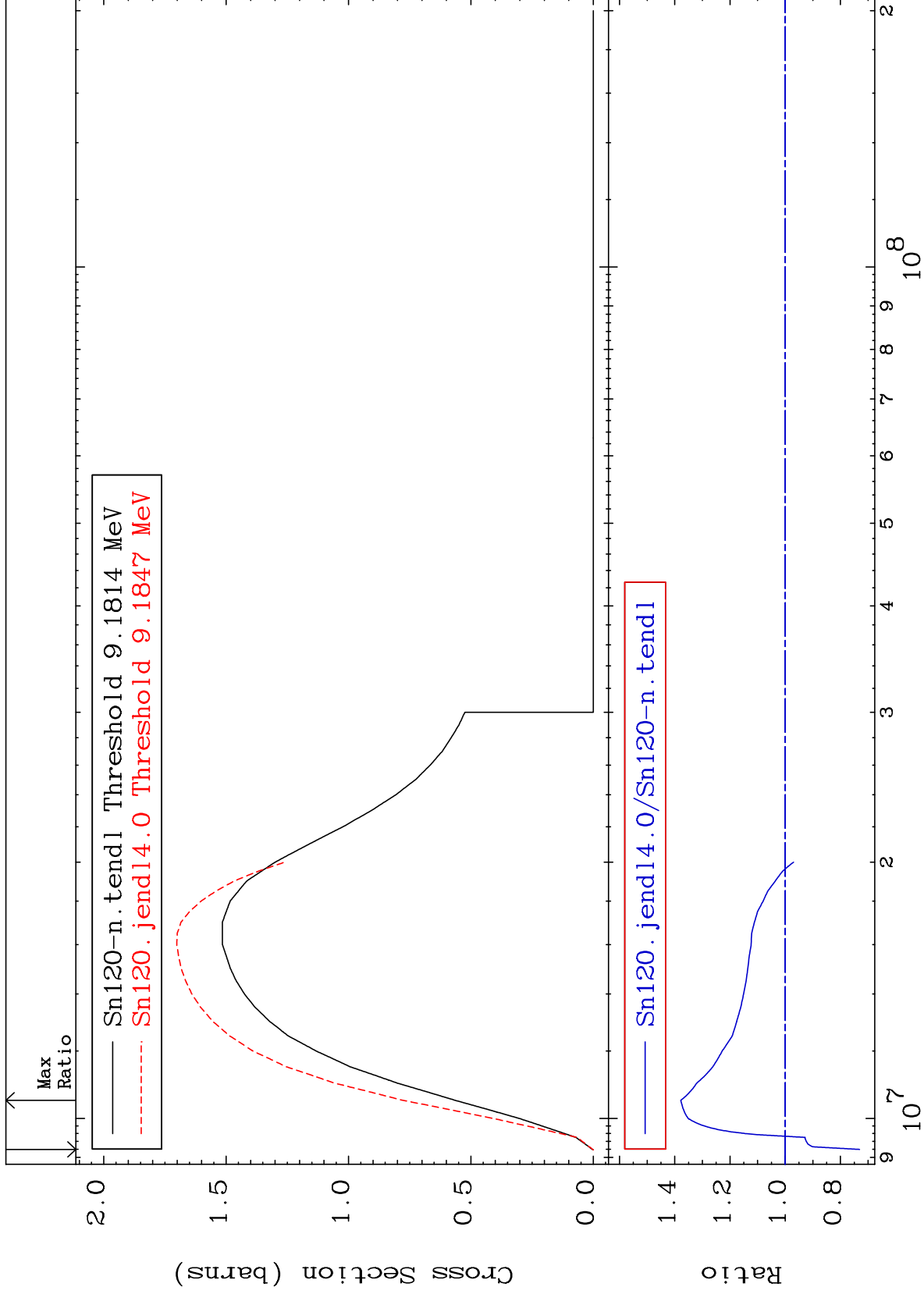
MAT 5049

(n,2n)

50-Sn-120

Cross Section

-26.91 To 37.81 %



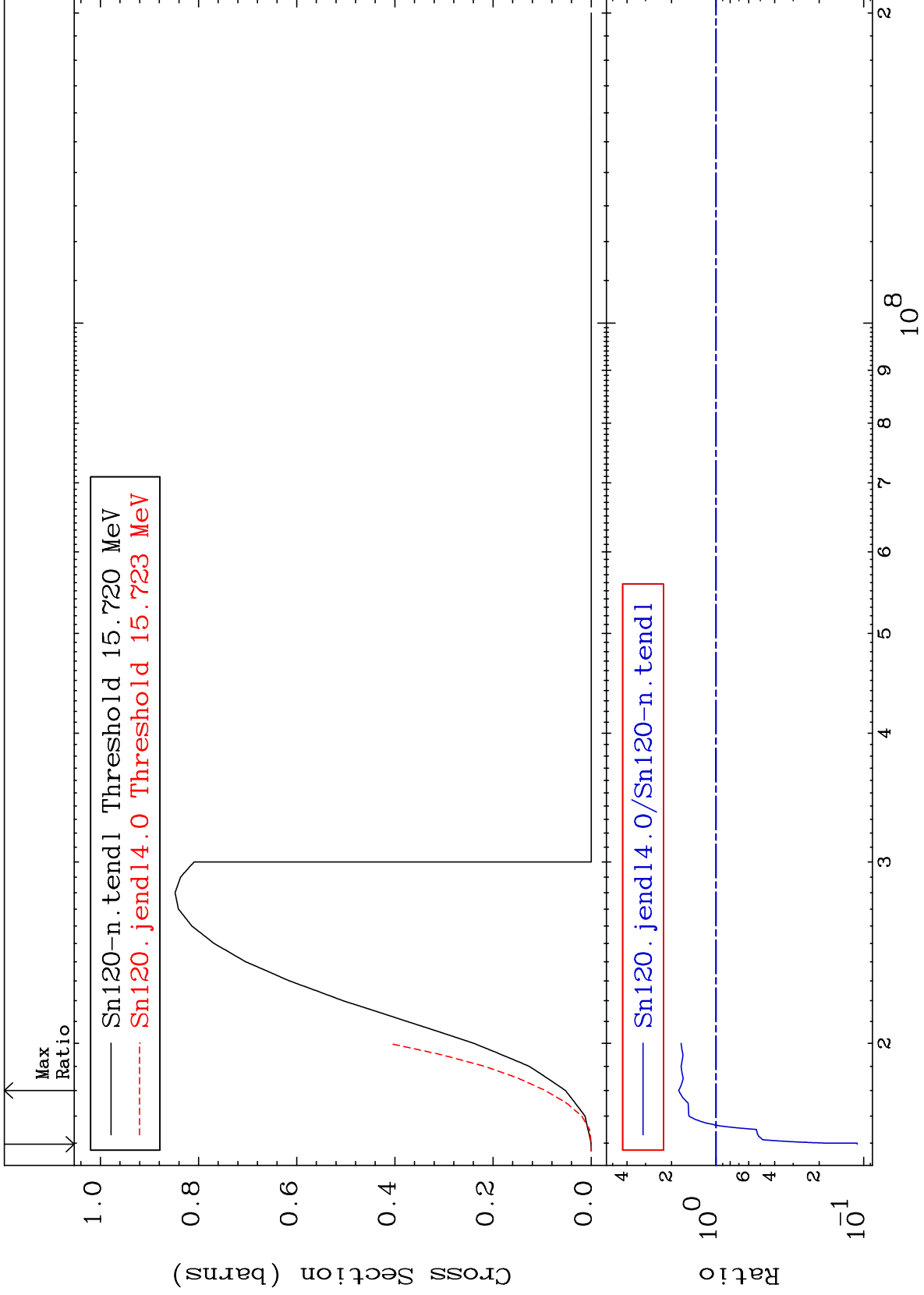
Incident Energy (eV)

50-Sn-120

MAT 5049

(n,3n)
Cross Section

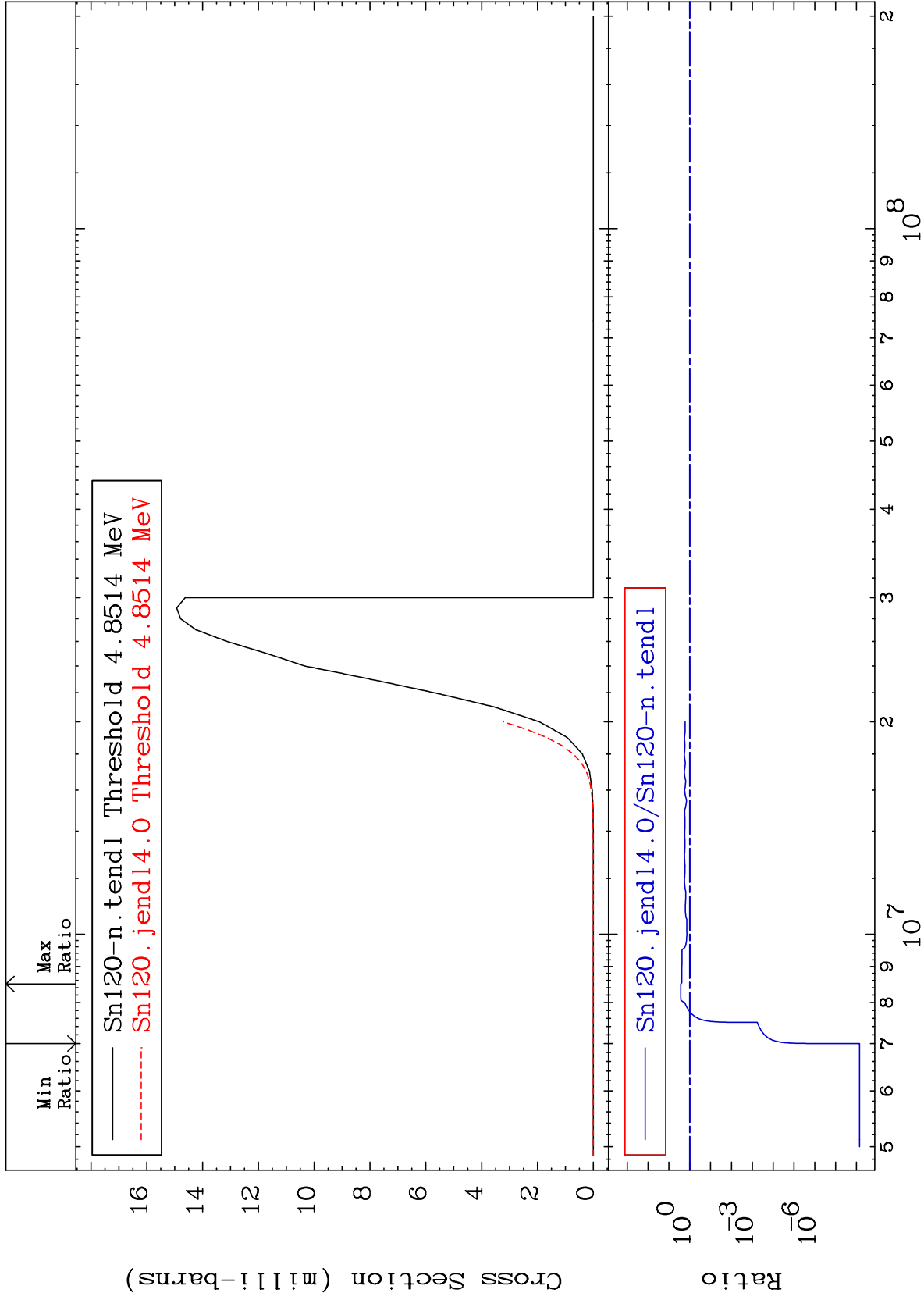
50-Sn-120
-88.96 To 78.94 %



MAT 5049

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

50-Sn-120
-100.0 To 169.7 %



6

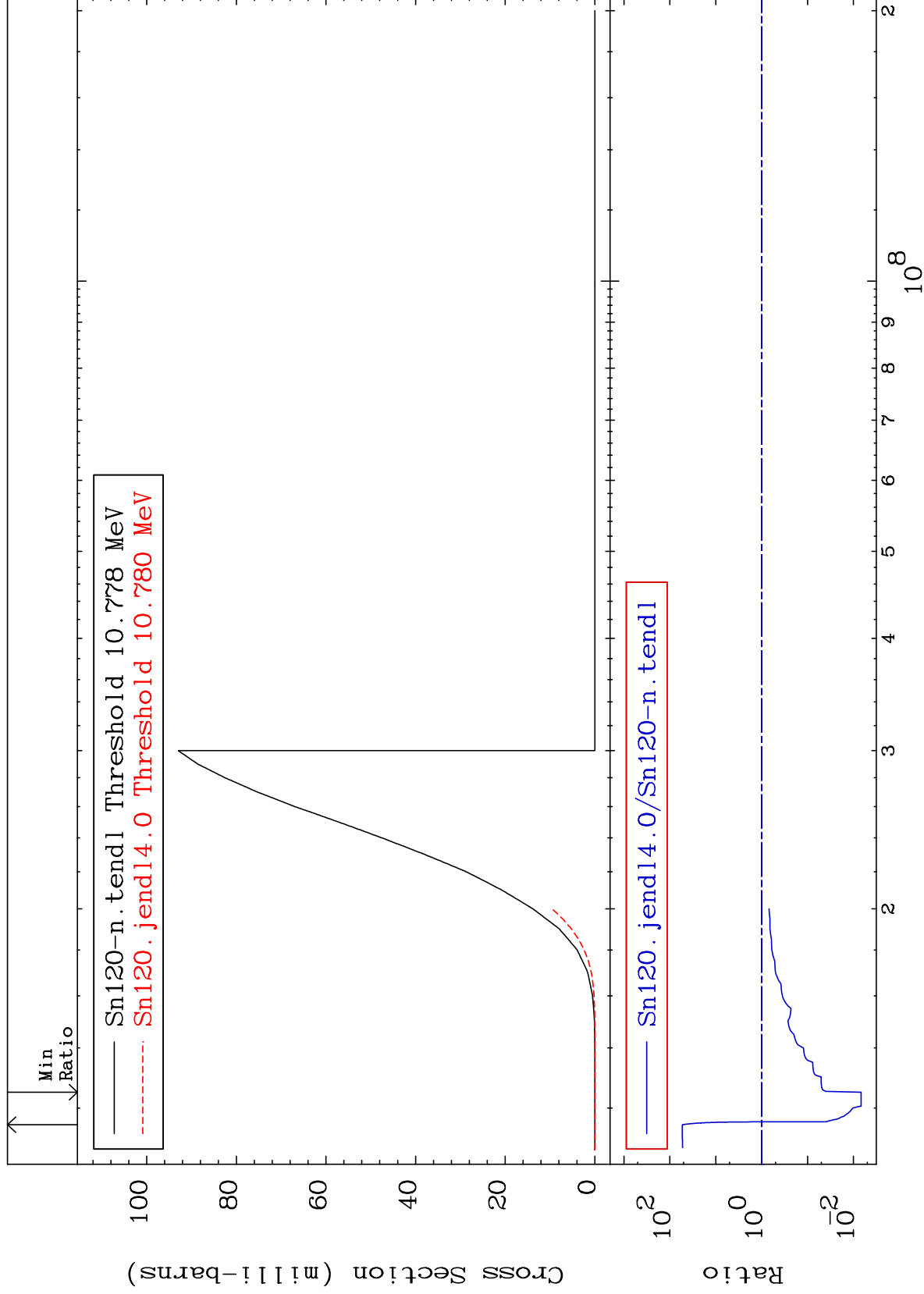
Incident Energy (eV)

50-Sn-120

MAT 5049

(n,n') p
Cross Section

50-Sn-120
-99.32 To 5236. %



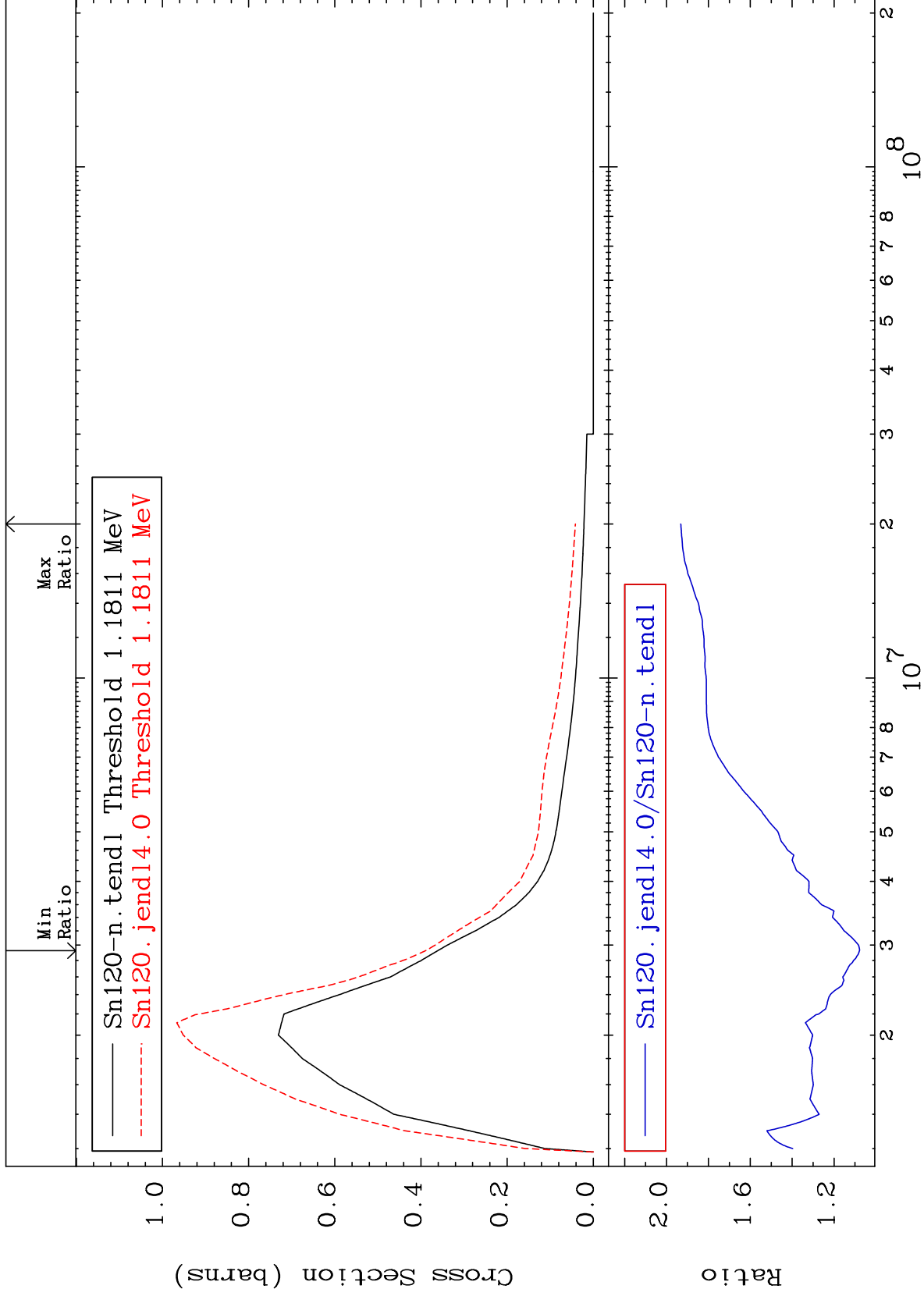
MAT 5049

1.171 MeV (n,n') Level

50-Sn-120

7.824 To 93.19 %

Cross Section

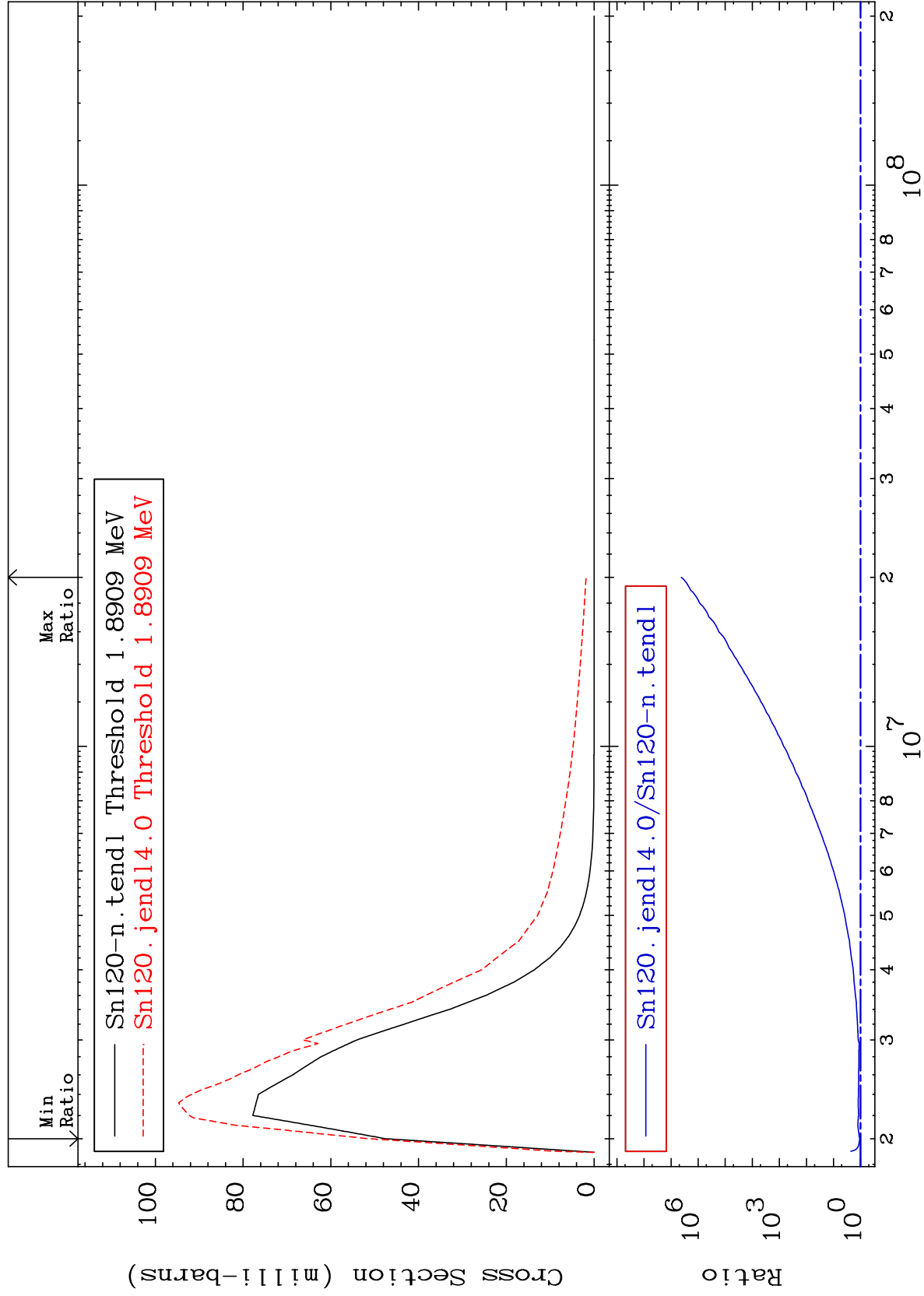


MAT 5049

1.875 MeV (n,n') Level

50-Sn-120

Cross Section To 9999. %



9

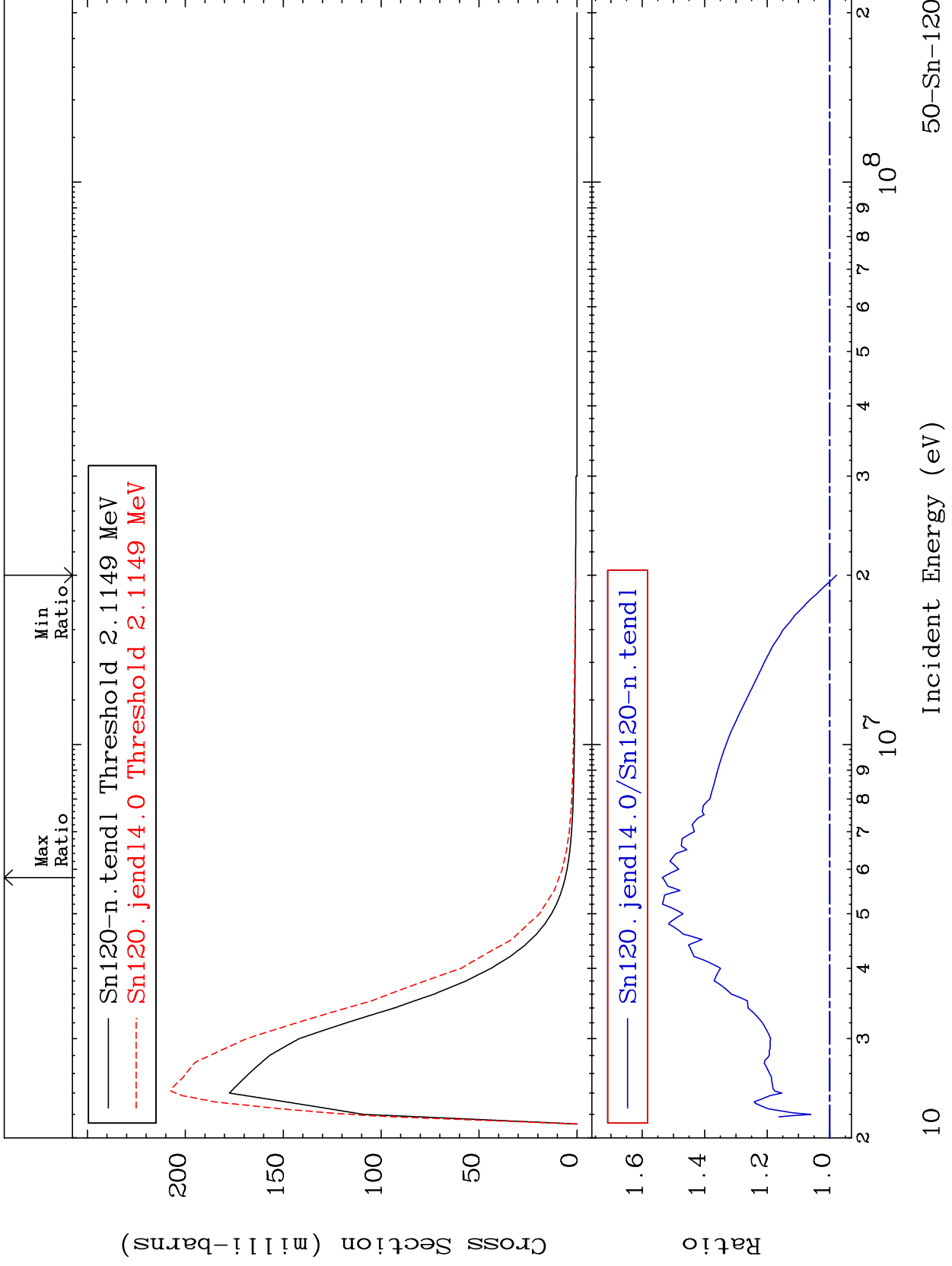
Incident Energy (eV)

50-Sn-120

MAT 5049

2.097 MeV (n,n') Level
Cross Section

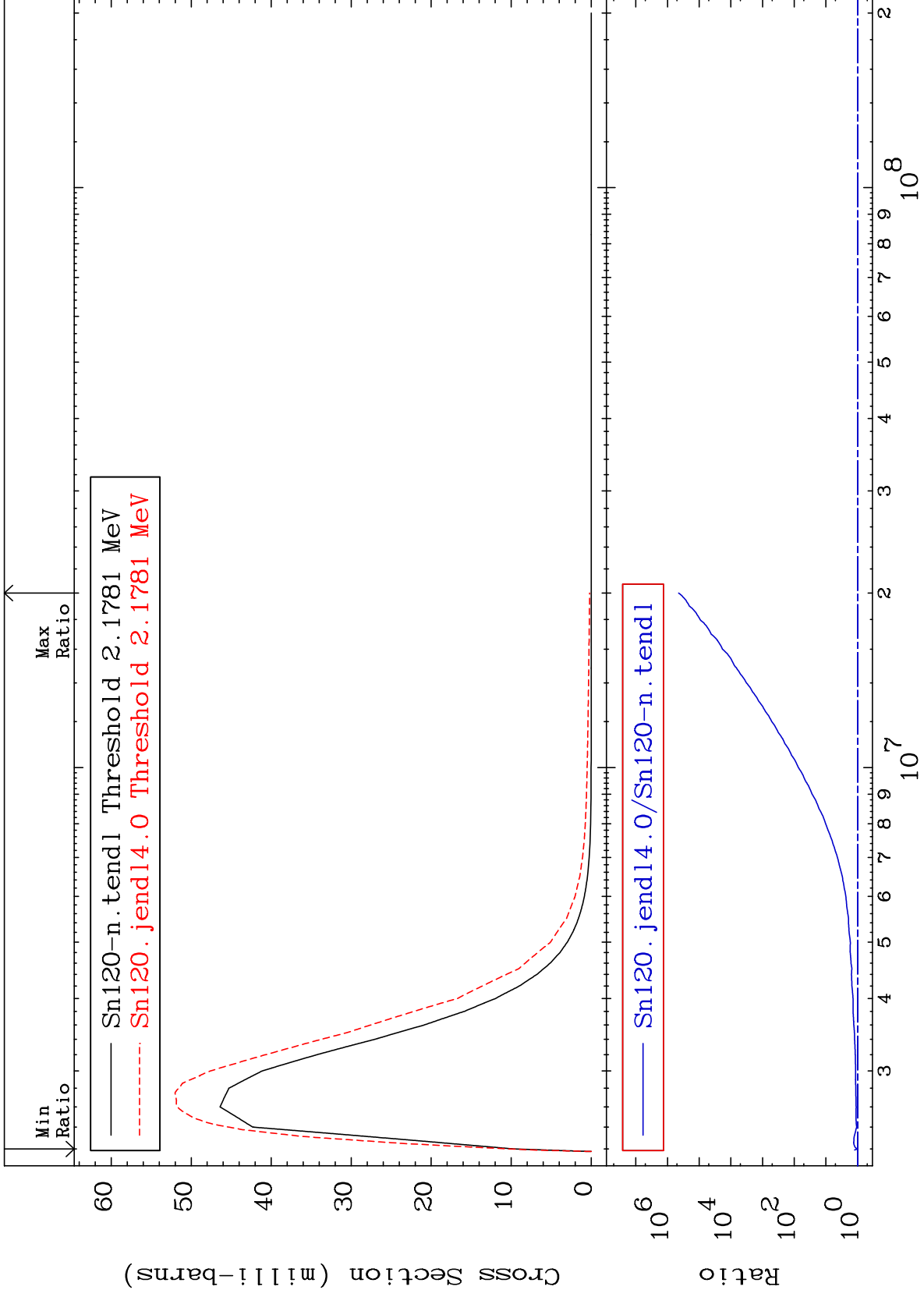
50-Sn-120
-2.205 To 53.58 %



MAT 5049

2.160 MeV (n,n') Level
Cross Section

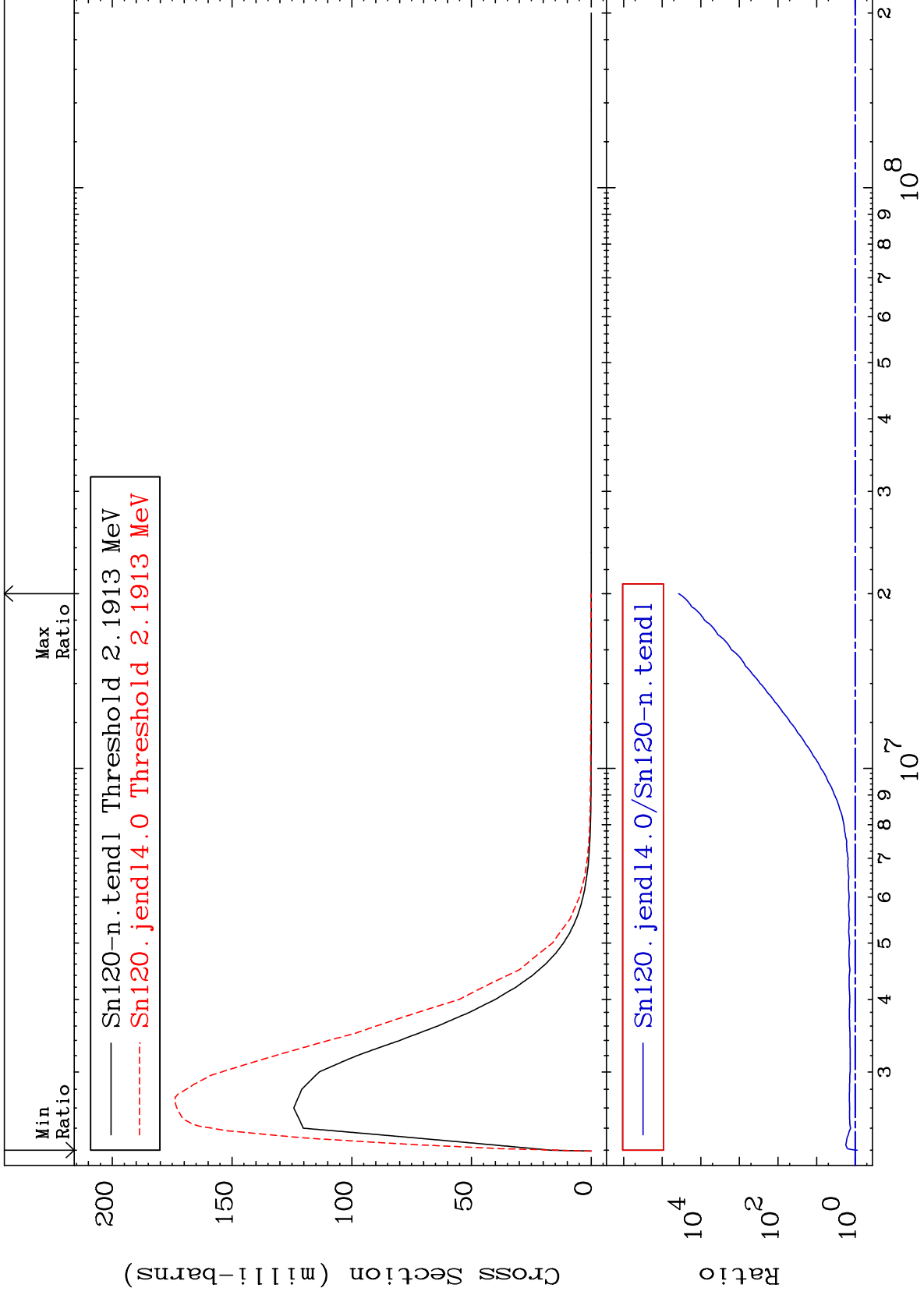
50-Sn-120
2.788 To 9999. %



MAT 5049

2.173 MeV (n,n') Level
Cross Section

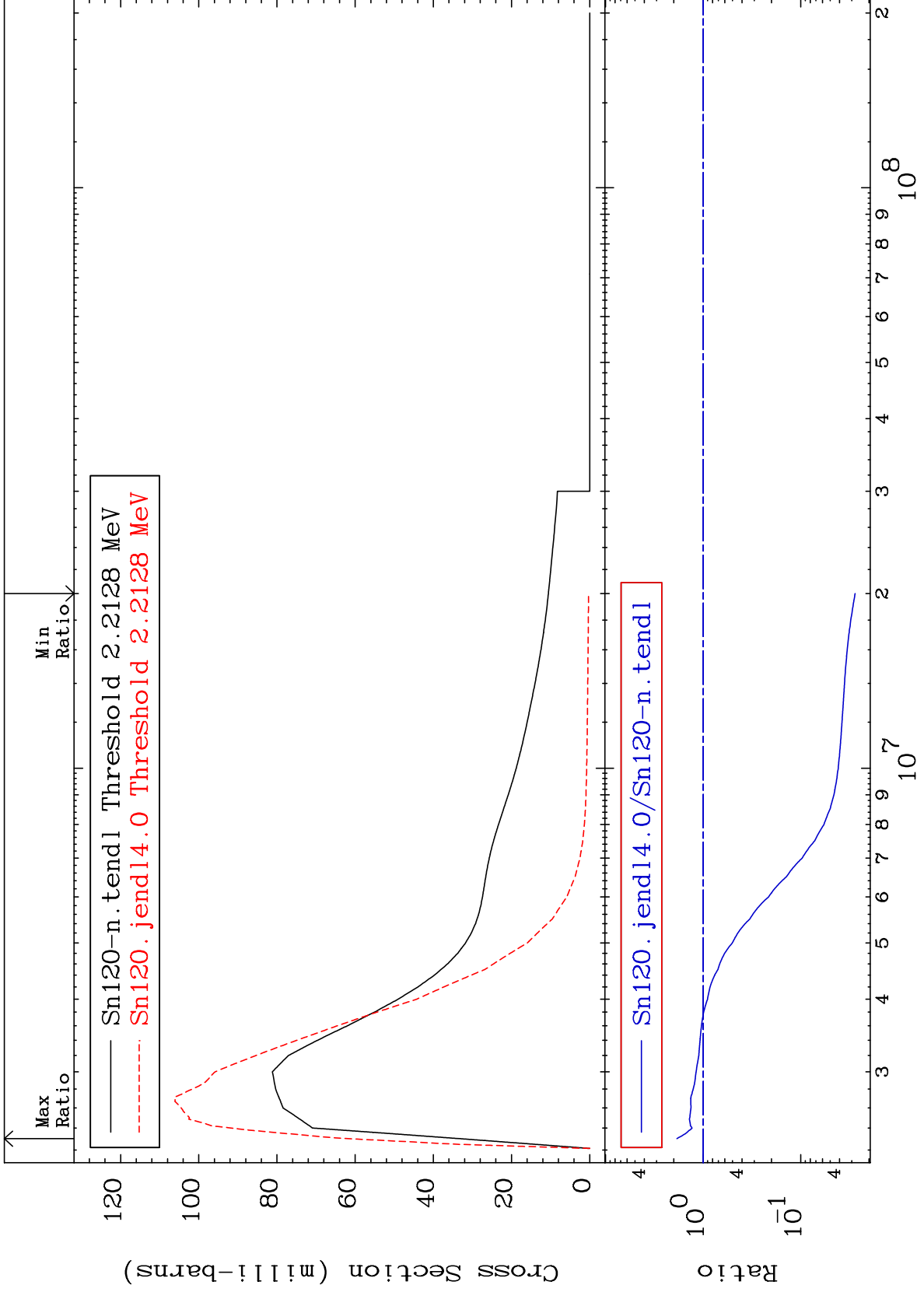
50-Sn-120
-11.42 To 9999. %



MAT 5049

2.194 MeV (n,n') Level
Cross Section

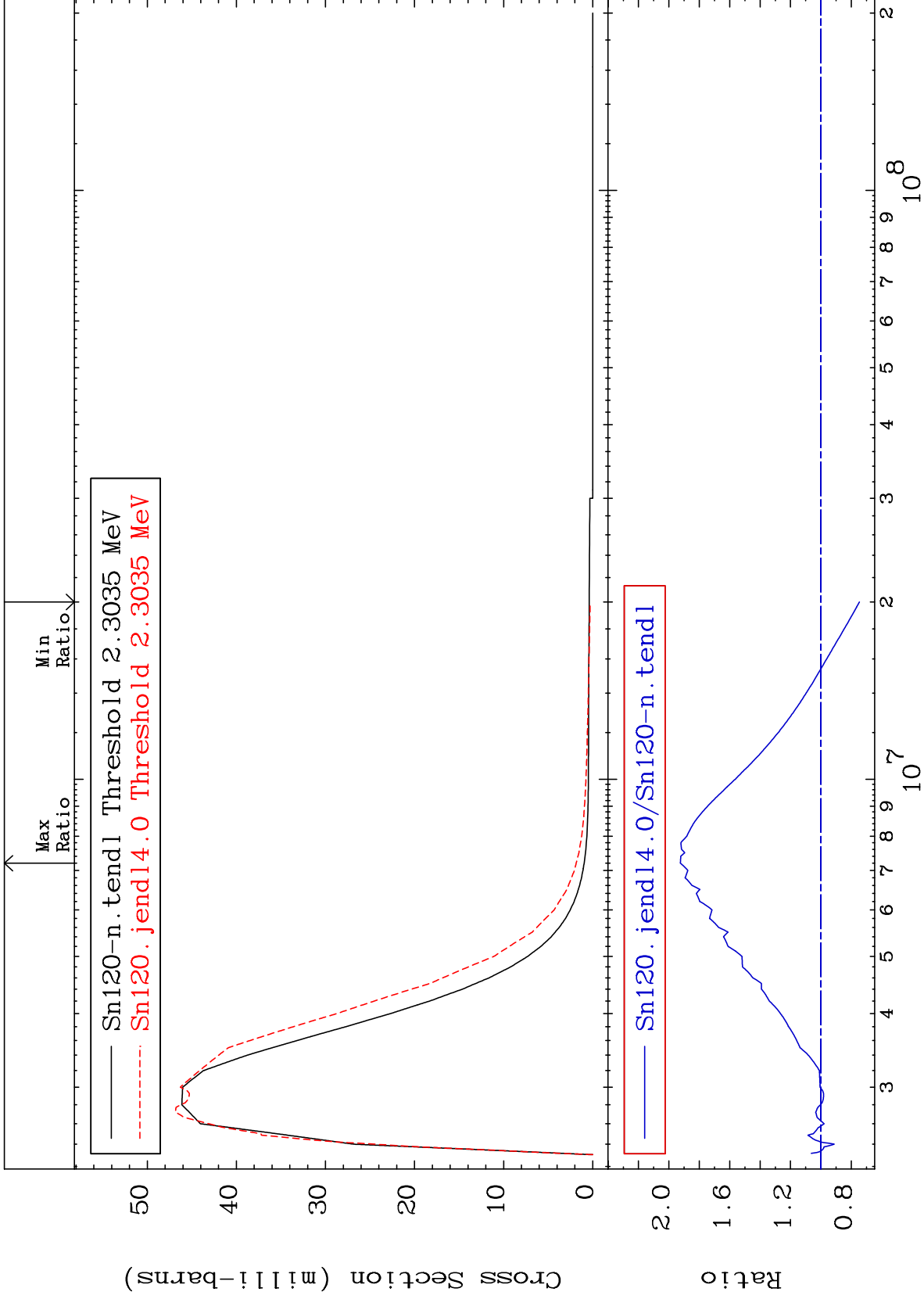
50-Sn-120
-97.22 To 85.59 %



MAT 5049

2.284 MeV (n,n') Level
Cross Section

50-Sn-120
-25.34 To 92.47 %



14

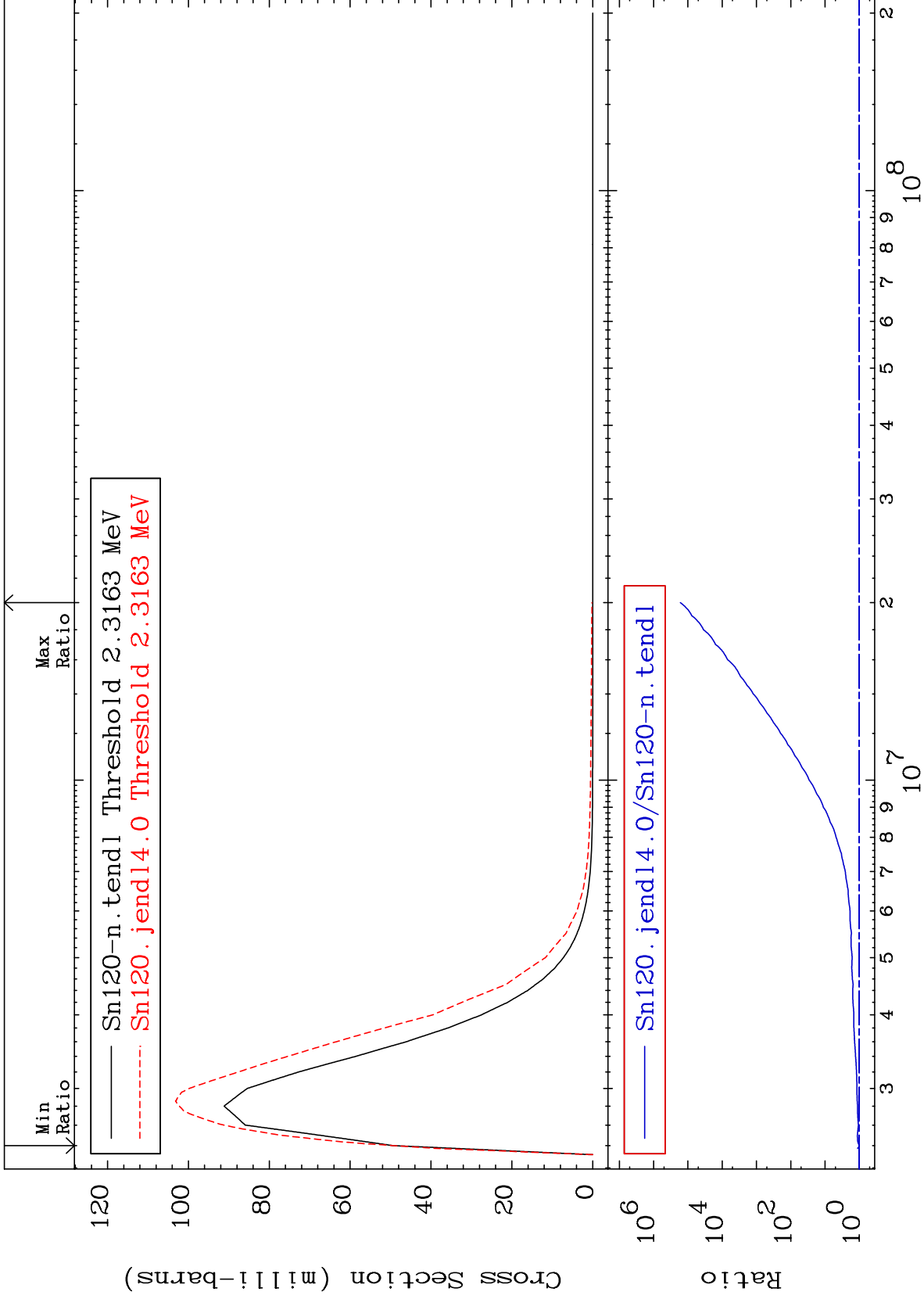
Incident Energy (eV)

50-Sn-120

MAT 5049

2.297 MeV (n,n') Level
Cross Section

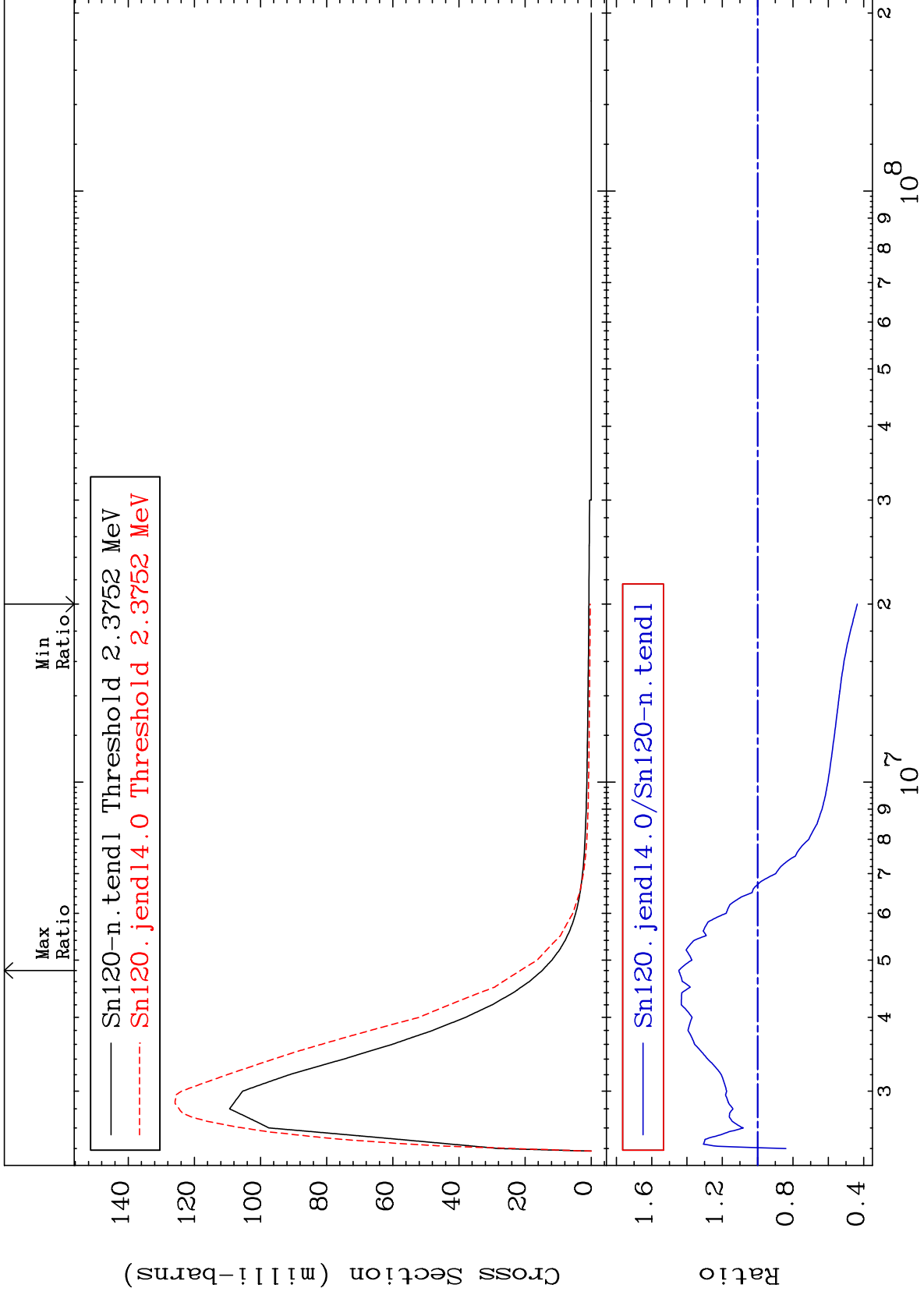
50-Sn-120
-0.734 To 9999. %



MAT 5049

2.355 MeV (n,n') Level
Cross Section

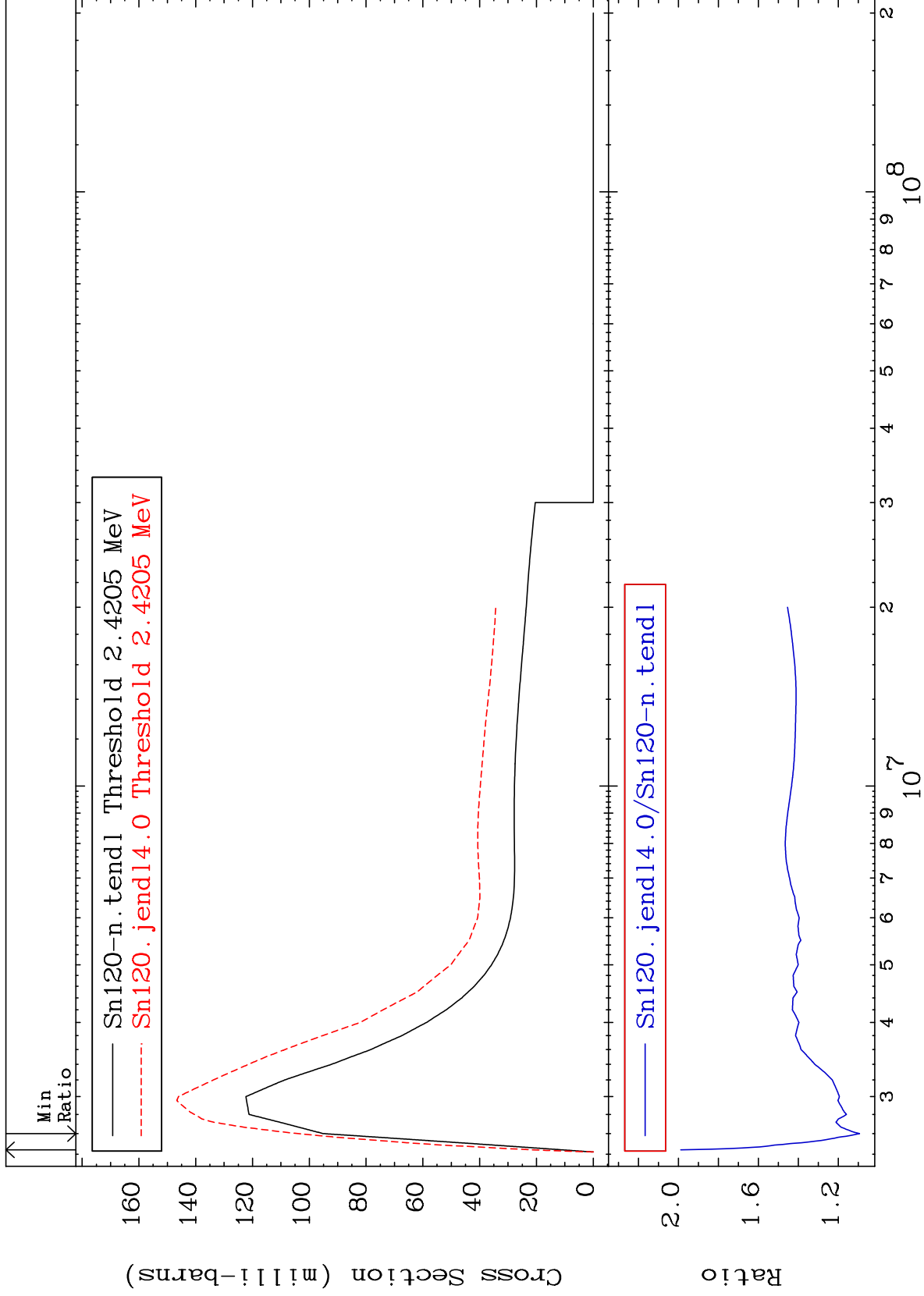
50-Sn-120
-56.40 To 44.74 %



MAT 5049

2.400 MeV (n,n') Level
Cross Section

50-Sn-120
To 98.84 %



17

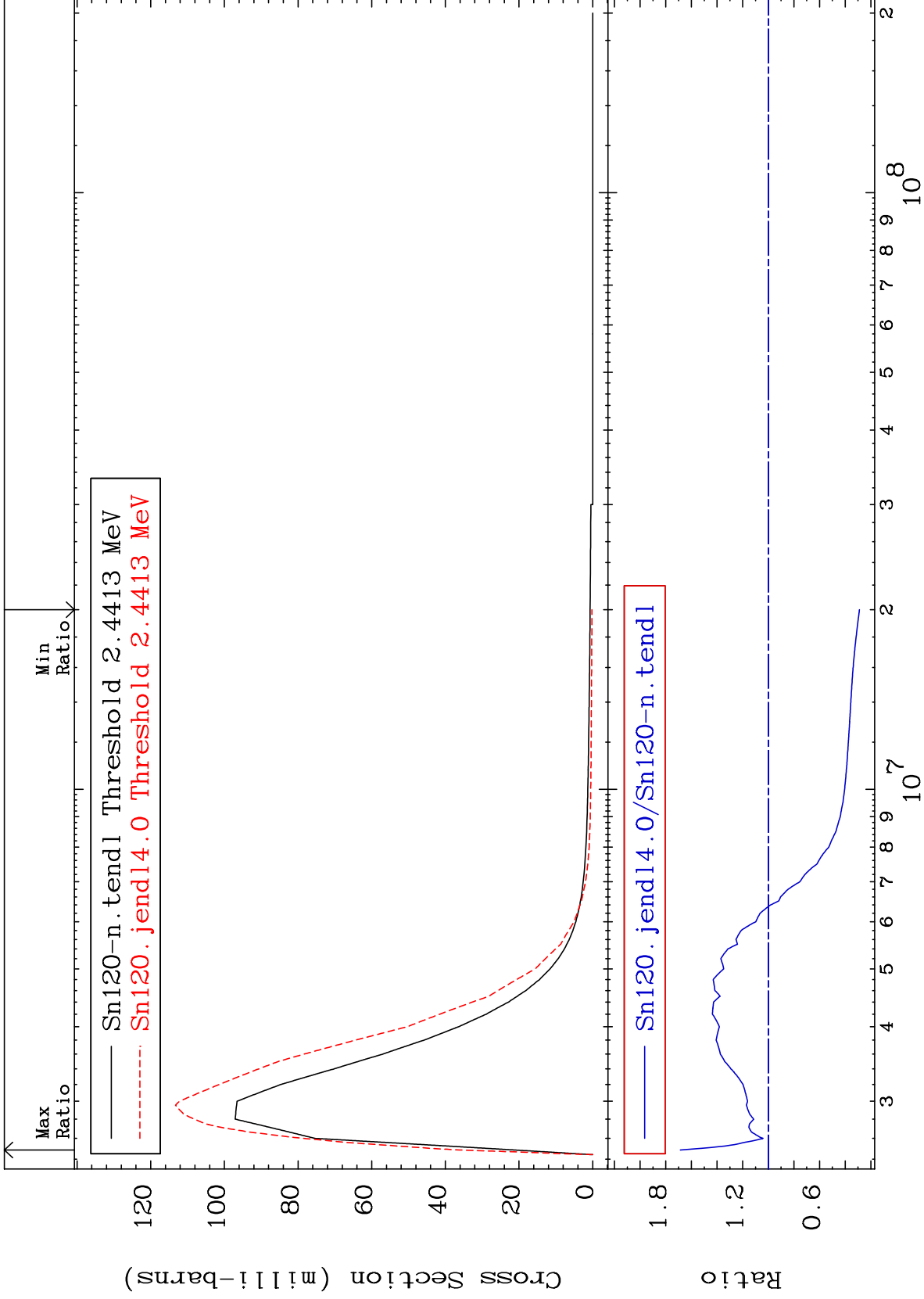
Incident Energy (eV)

50-Sn-120

MAT 5049

2.421 MeV (n,n') Level
Cross Section

50-Sn-120
-71.11 To 68.63 %

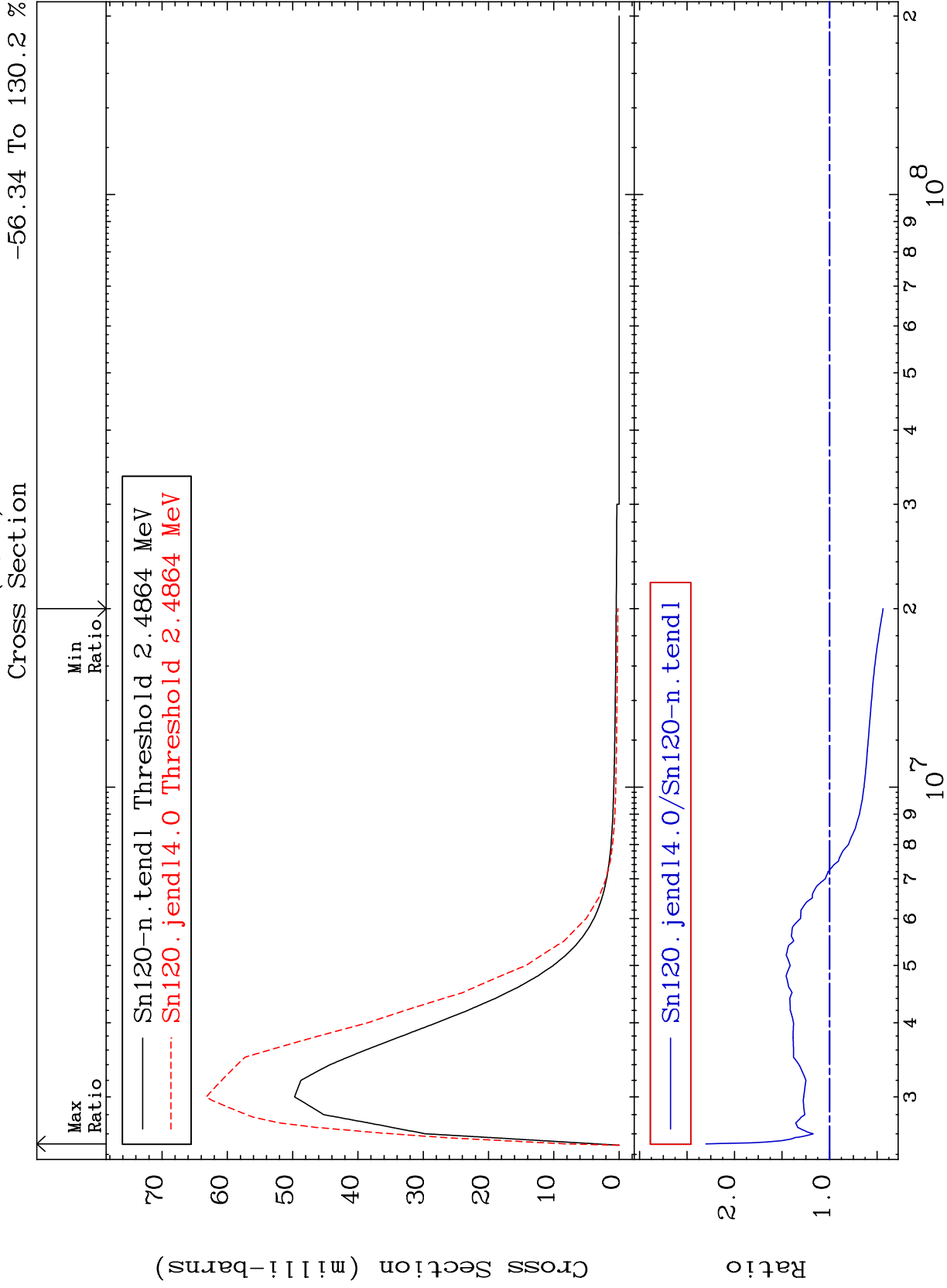


MAT 5049

2.466 MeV (n,n') Level

50-Sn-120

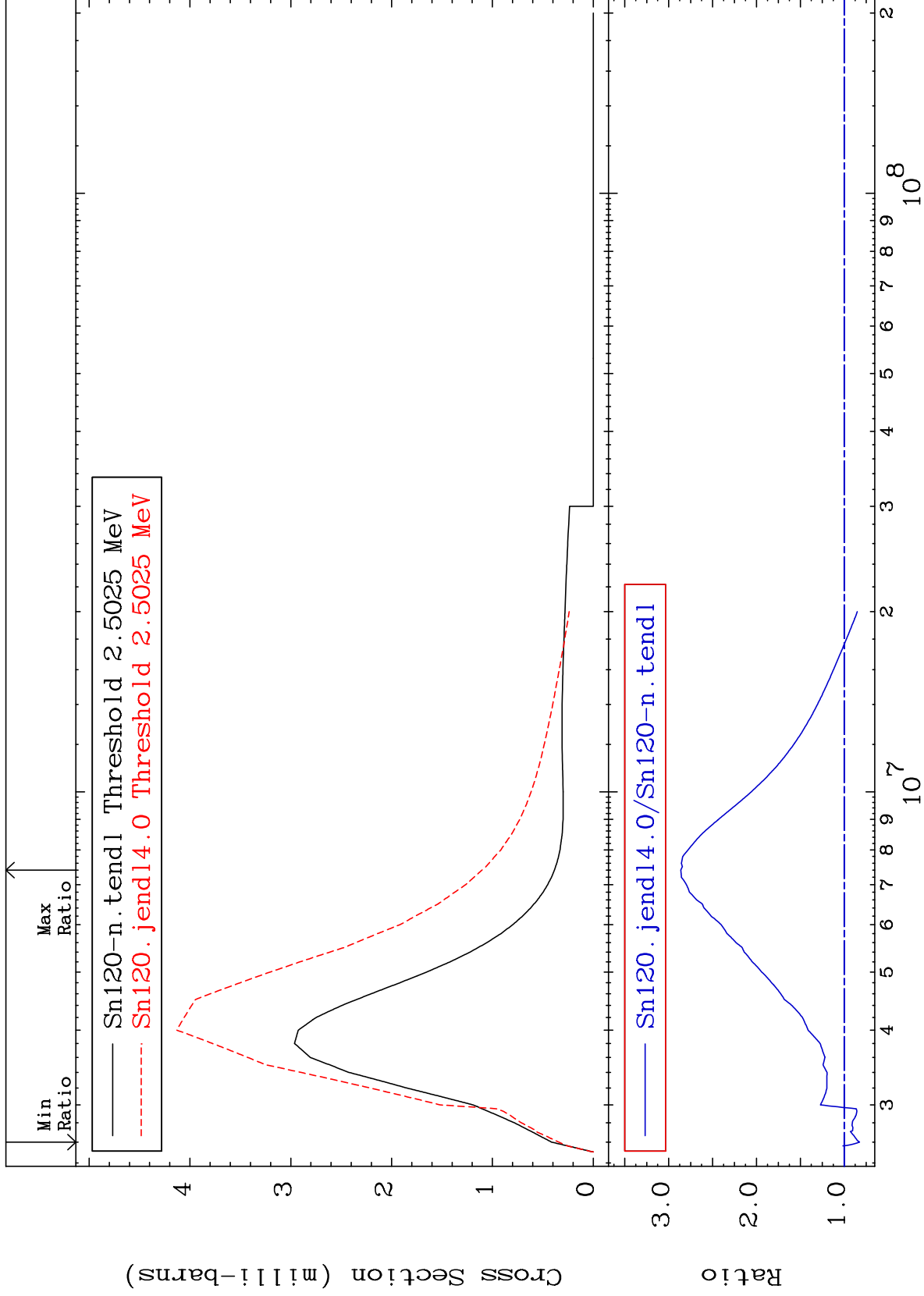
-56.34 To 130.2 %



MAT 5049

2.482 MeV (n,n') Level
Cross Section

50-Sn-120
-17.43 To 186.2 %



20

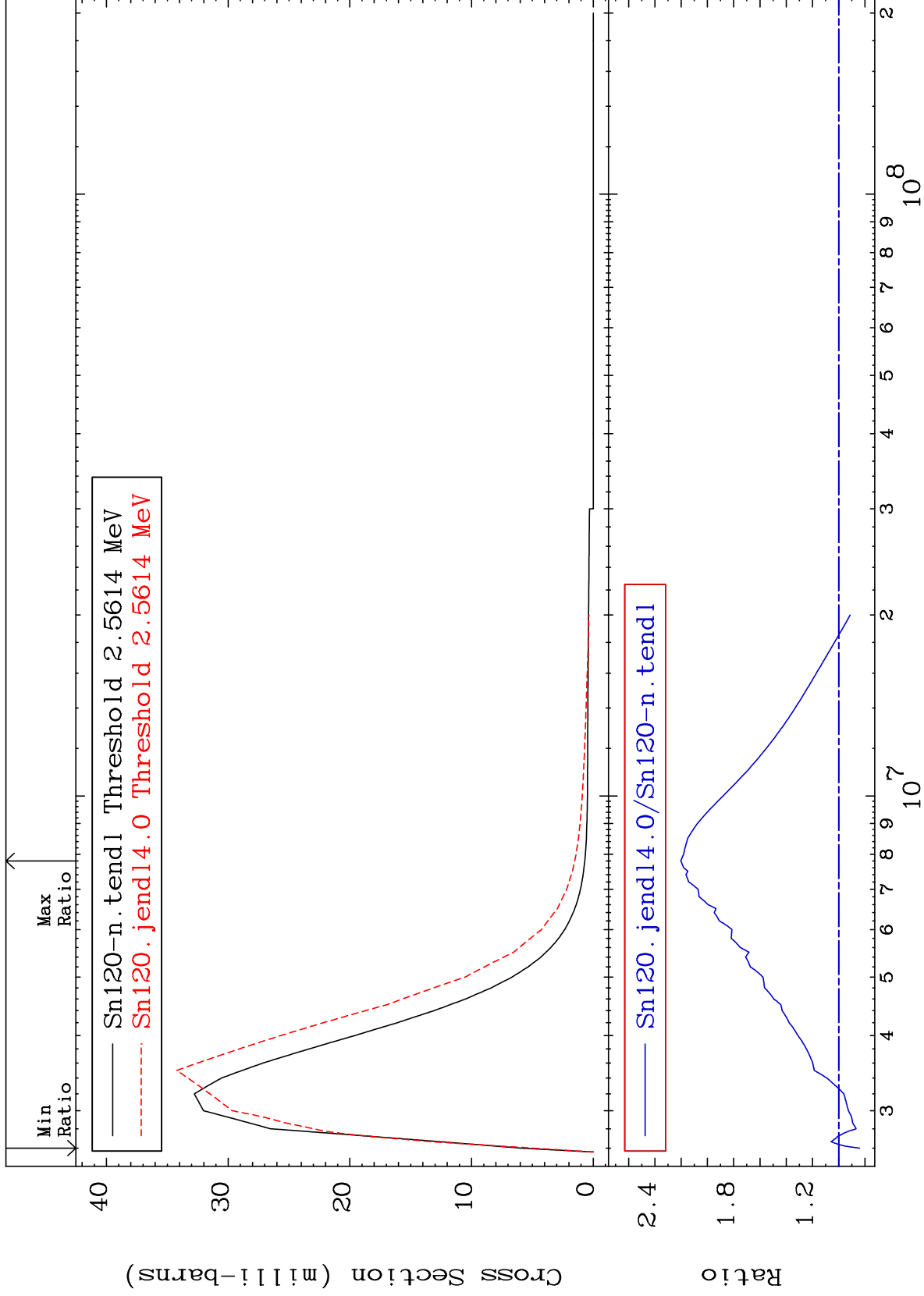
Incident Energy (eV)

50-Sn-120

MAT 5049

2.540 MeV (n,n') Level
Cross Section

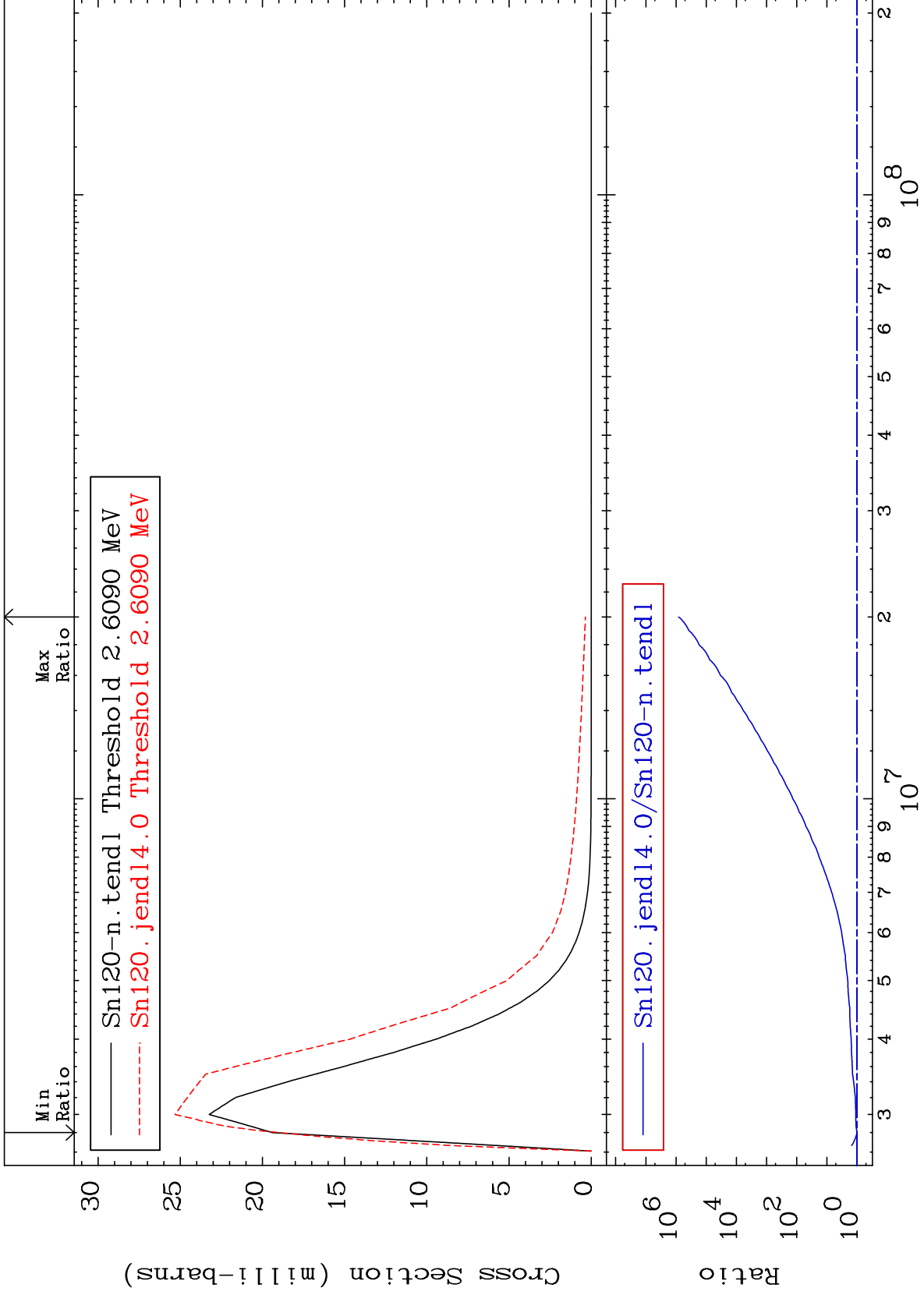
50-Sn-120
-15.85 To 120.3 %



MAT 5049

2.587 MeV (n,n') Level
Cross Section

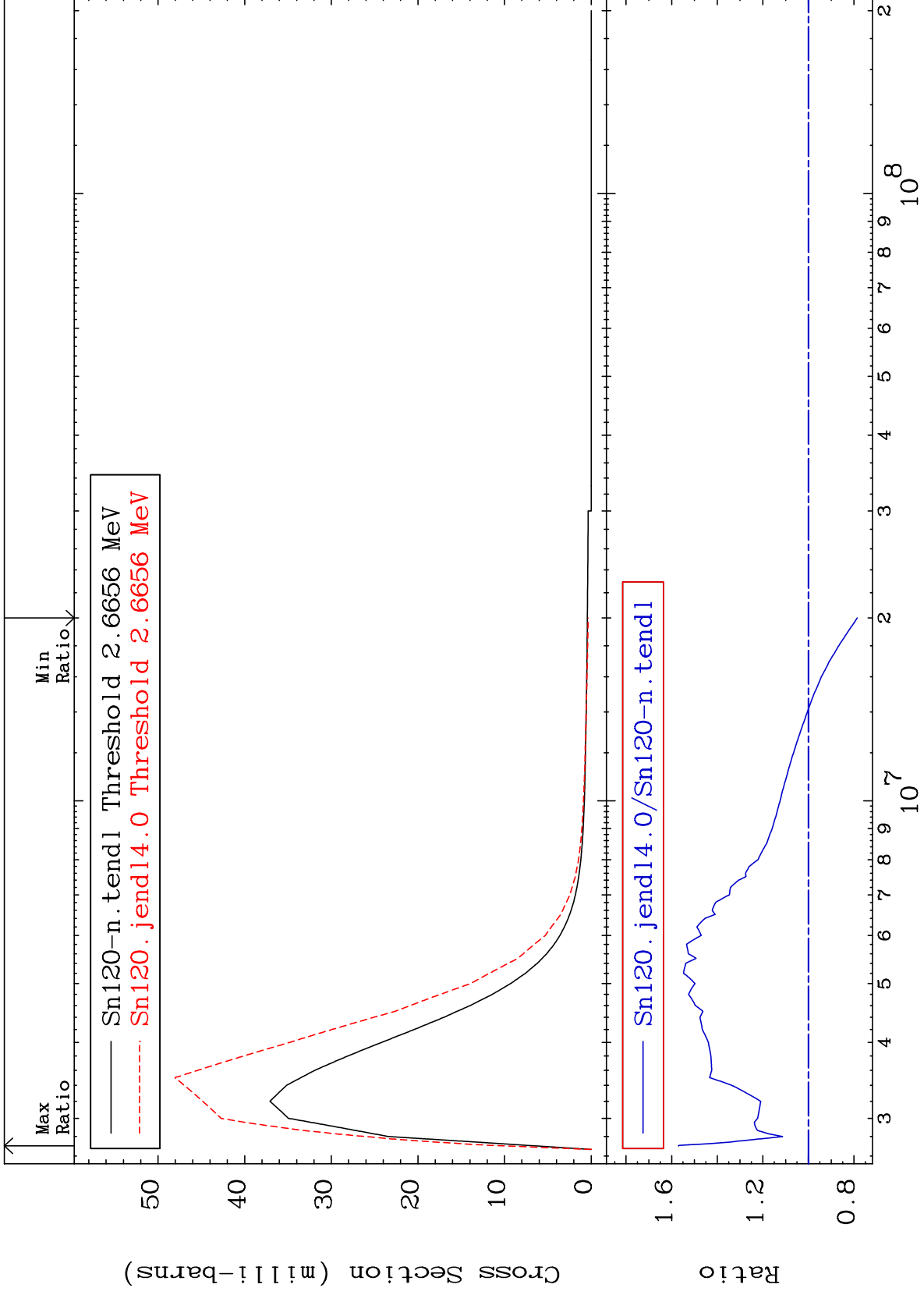
50-Sn-120
-2.242 To 9999. %



MAT 5049

2.643 MeV (n,n') Level
Cross Section

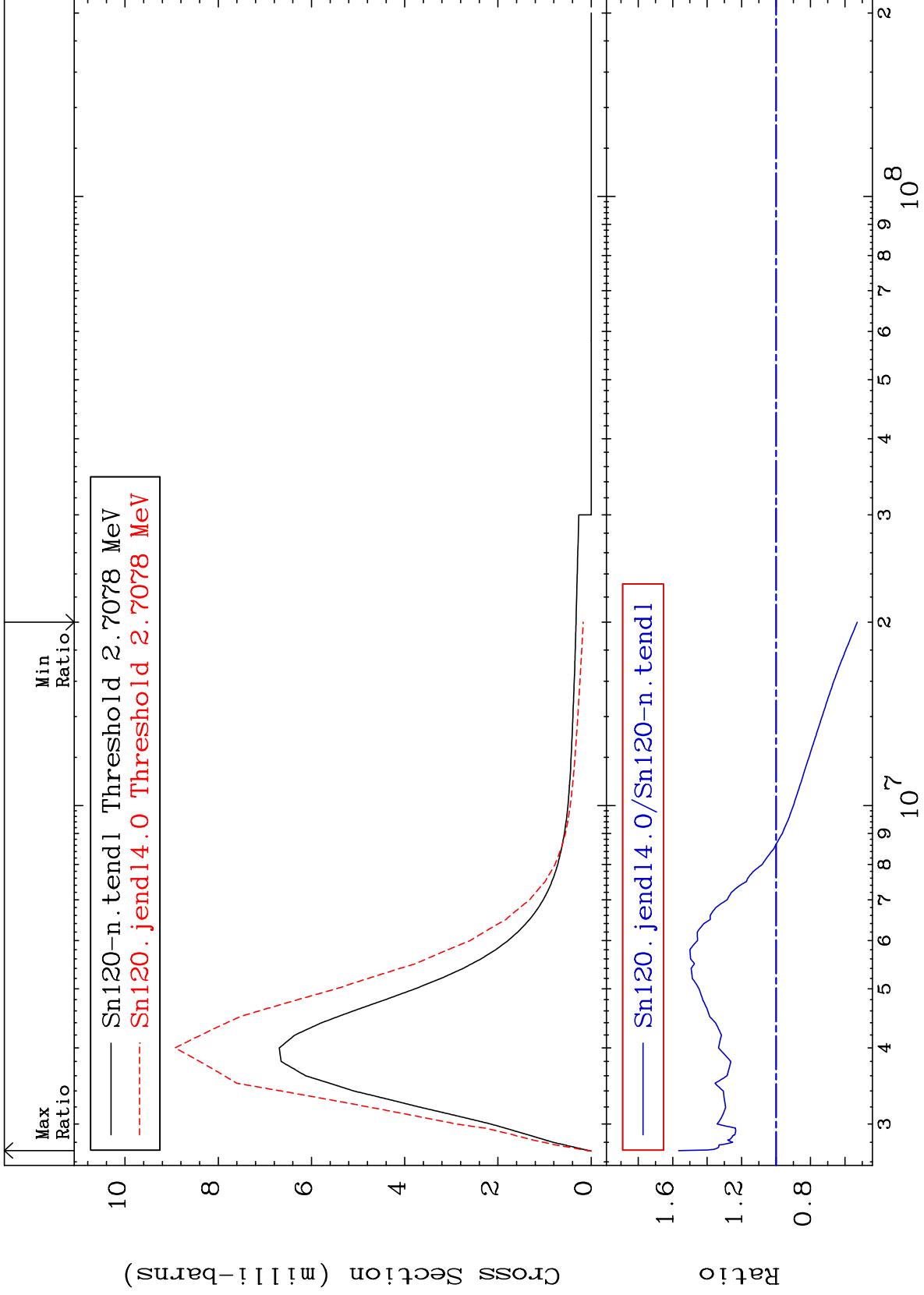
50-Sn-120
-21.43 To 56.93 %



MAT 5049

2.685 MeV (n,n') Level
Cross Section

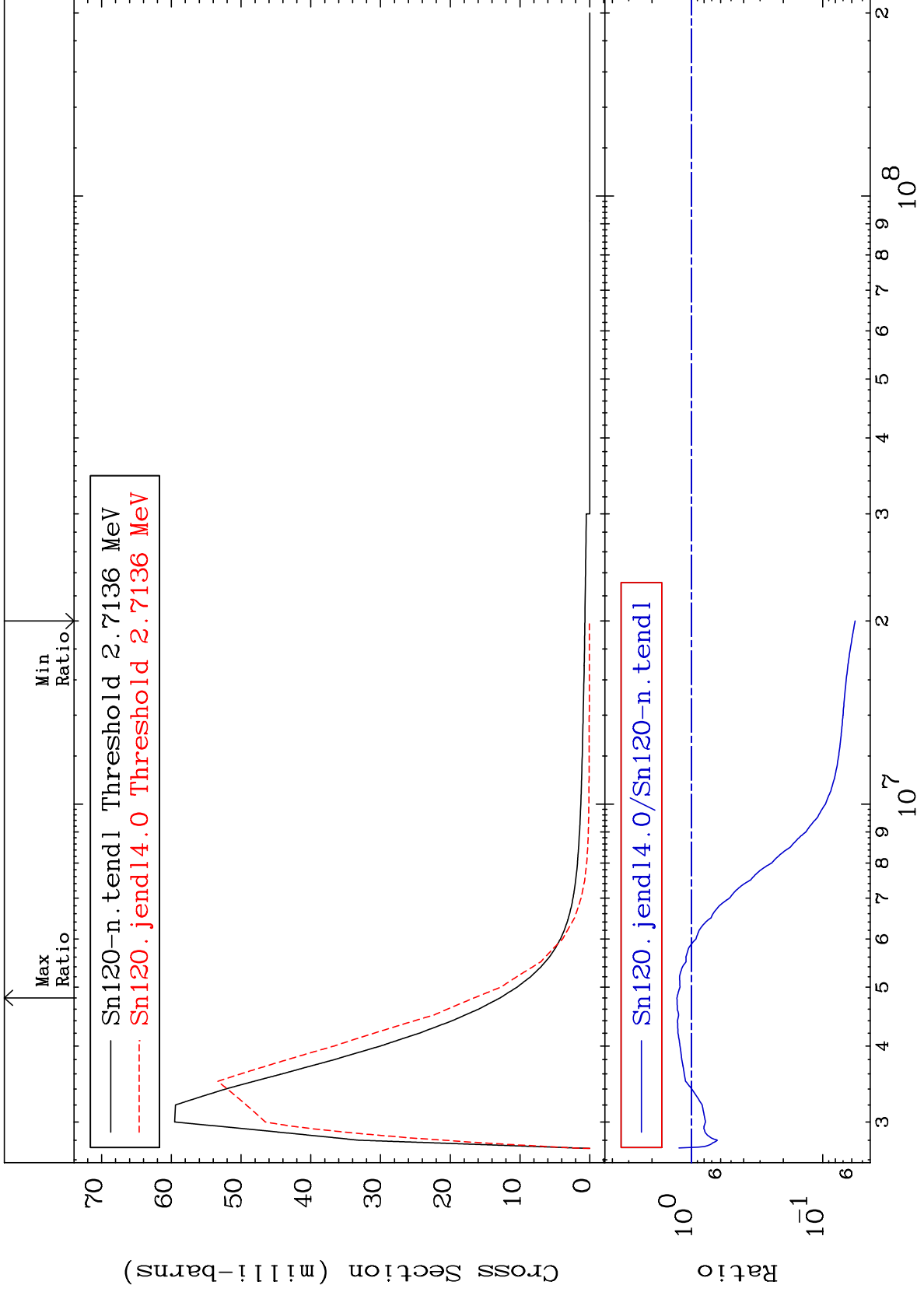
50-Sn-120
-47.12 To 56.54 %



MAT 5049

2.691 MeV (n,n') Level
Cross Section

50-Sn-120
-94.33 To 28.97 %



25

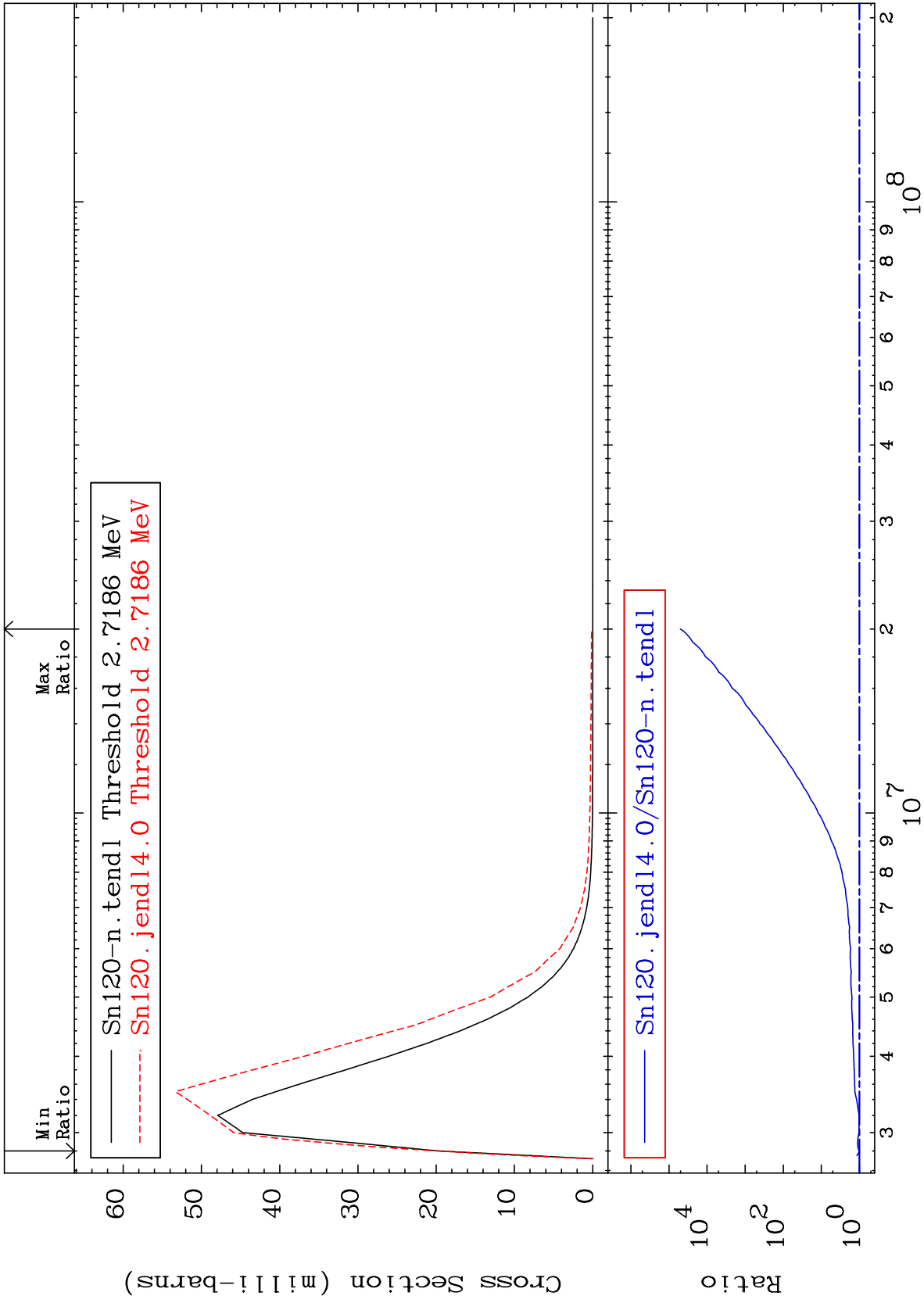
Incident Energy (eV)

50-Sn-120

MAT 5049

2.696 MeV (n,n') Level
Cross Section

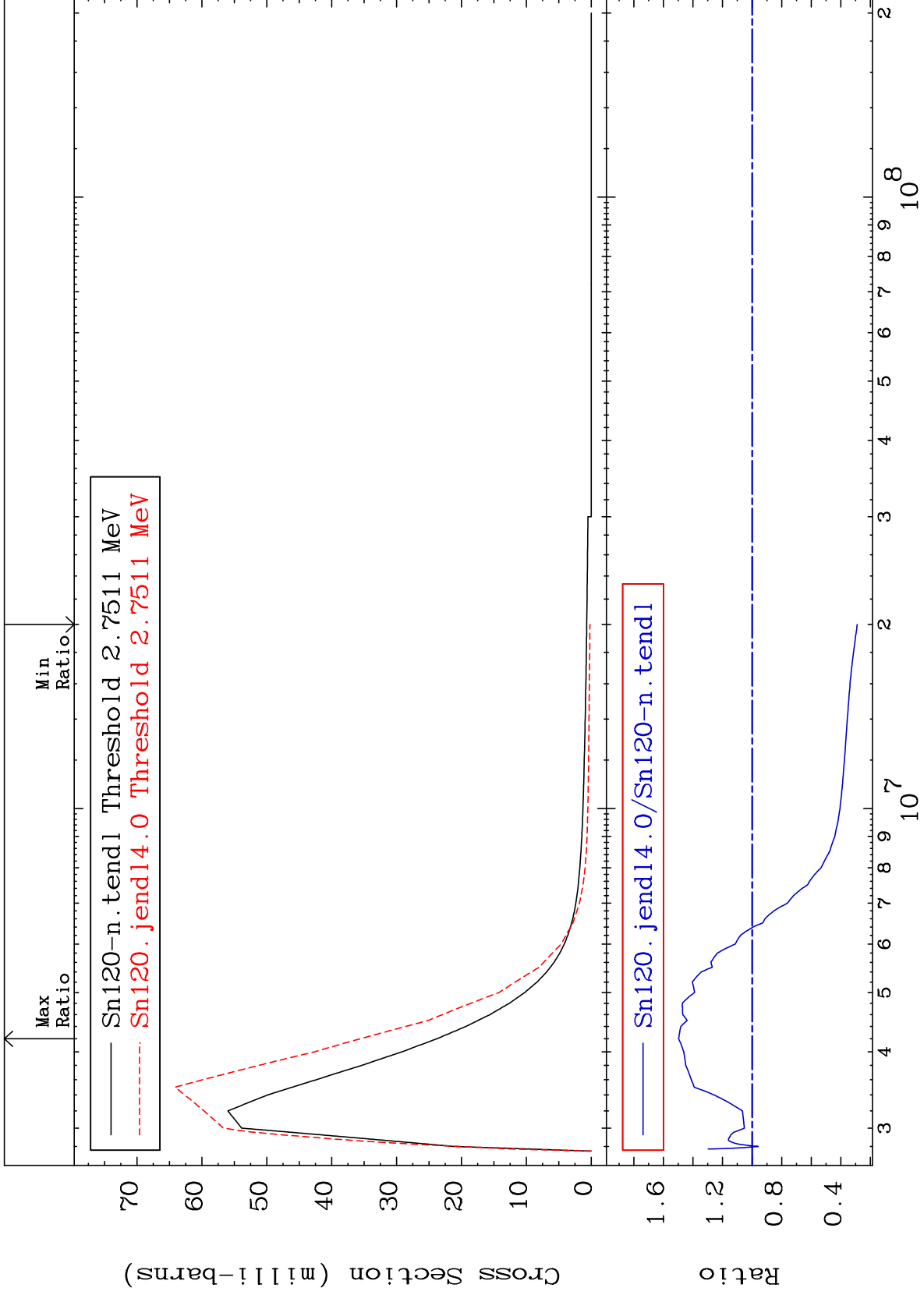
50-Sn-120
-0.044 To 9999. %



MAT 5049

2.728 MeV (n,n') Level
Cross Section

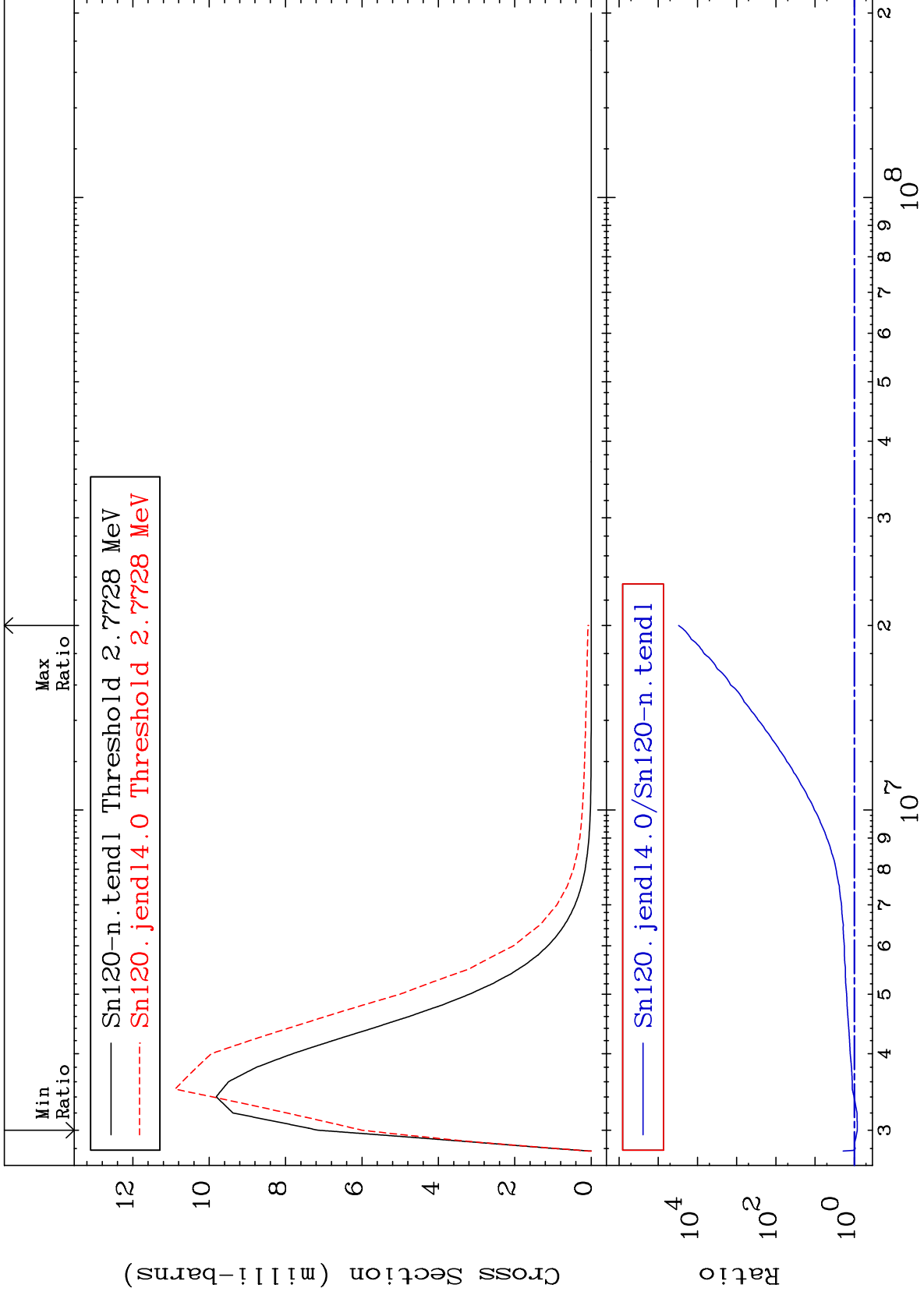
50-Sn-120
-71.09 To 49.69 %



MAT 5049

2.750 MeV (n,n') Level
Cross Section

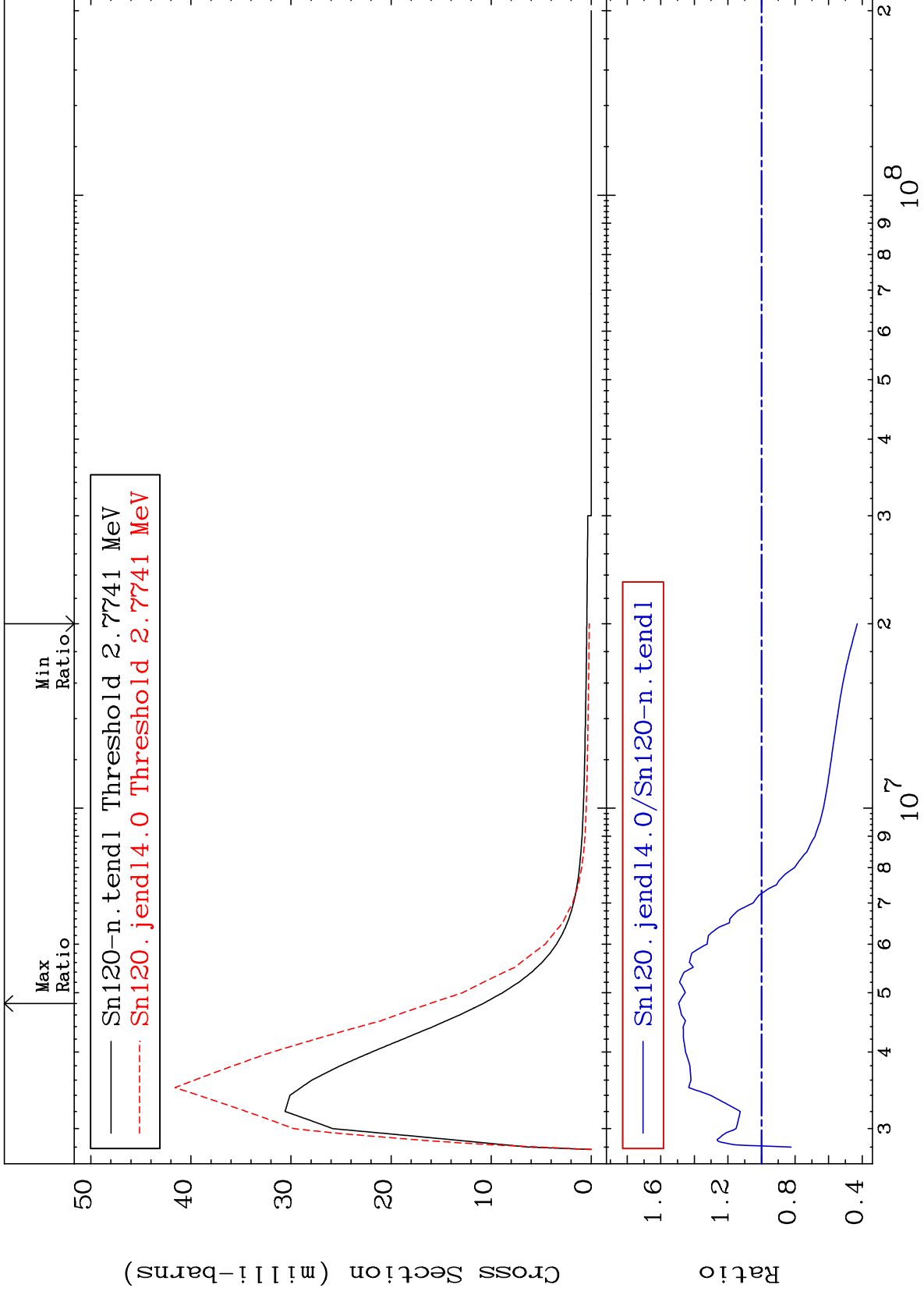
50-Sn-120
-16.02 To 9999. %



MAT 5049

2.751 MeV (n,n') Level
Cross Section

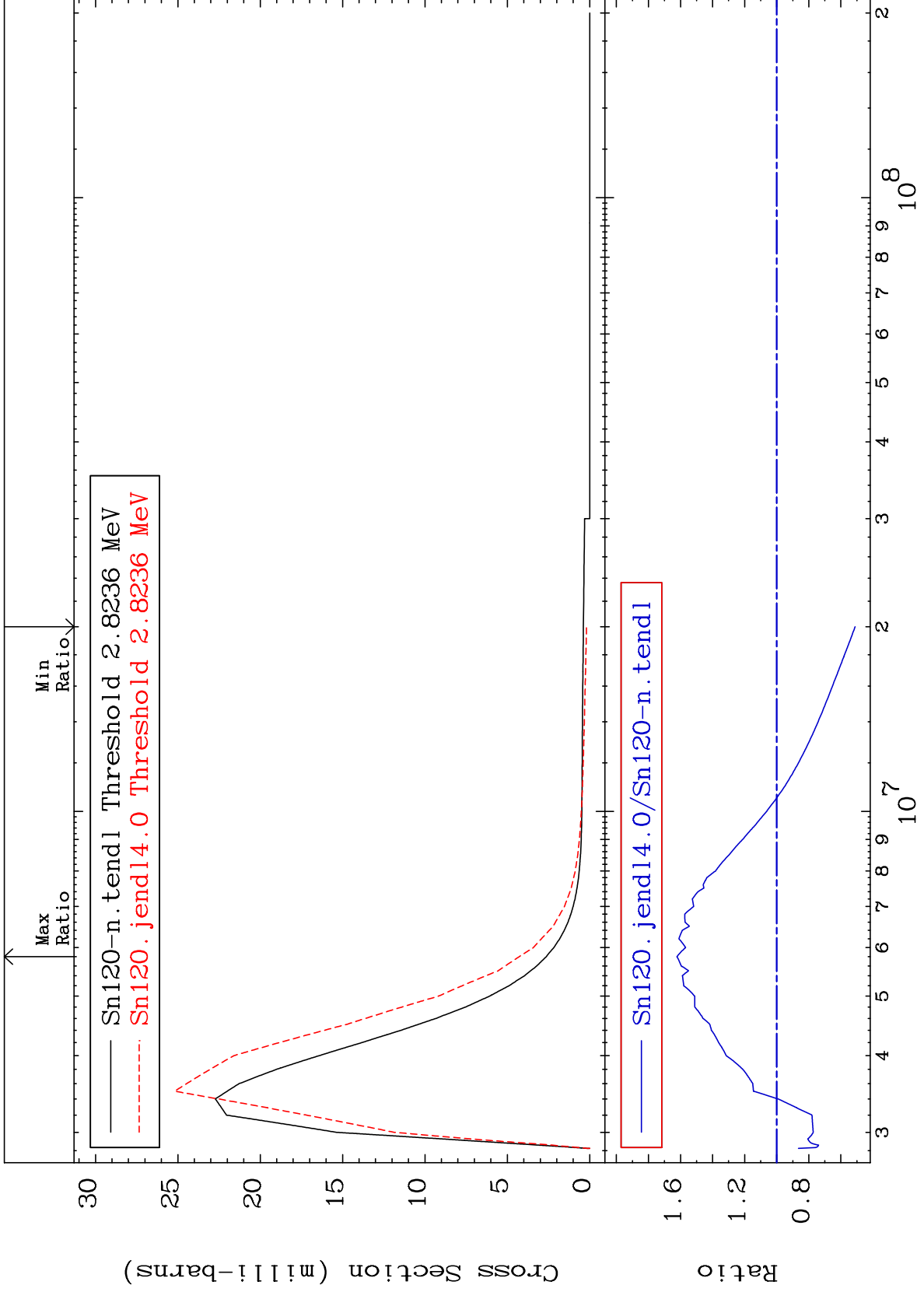
50-Sn-120
-57.06 To 49.35 %



MAT 5049

2.800 MeV (n,n') Level
Cross Section

50-Sn-120
-48.87 To 62.25 %



30

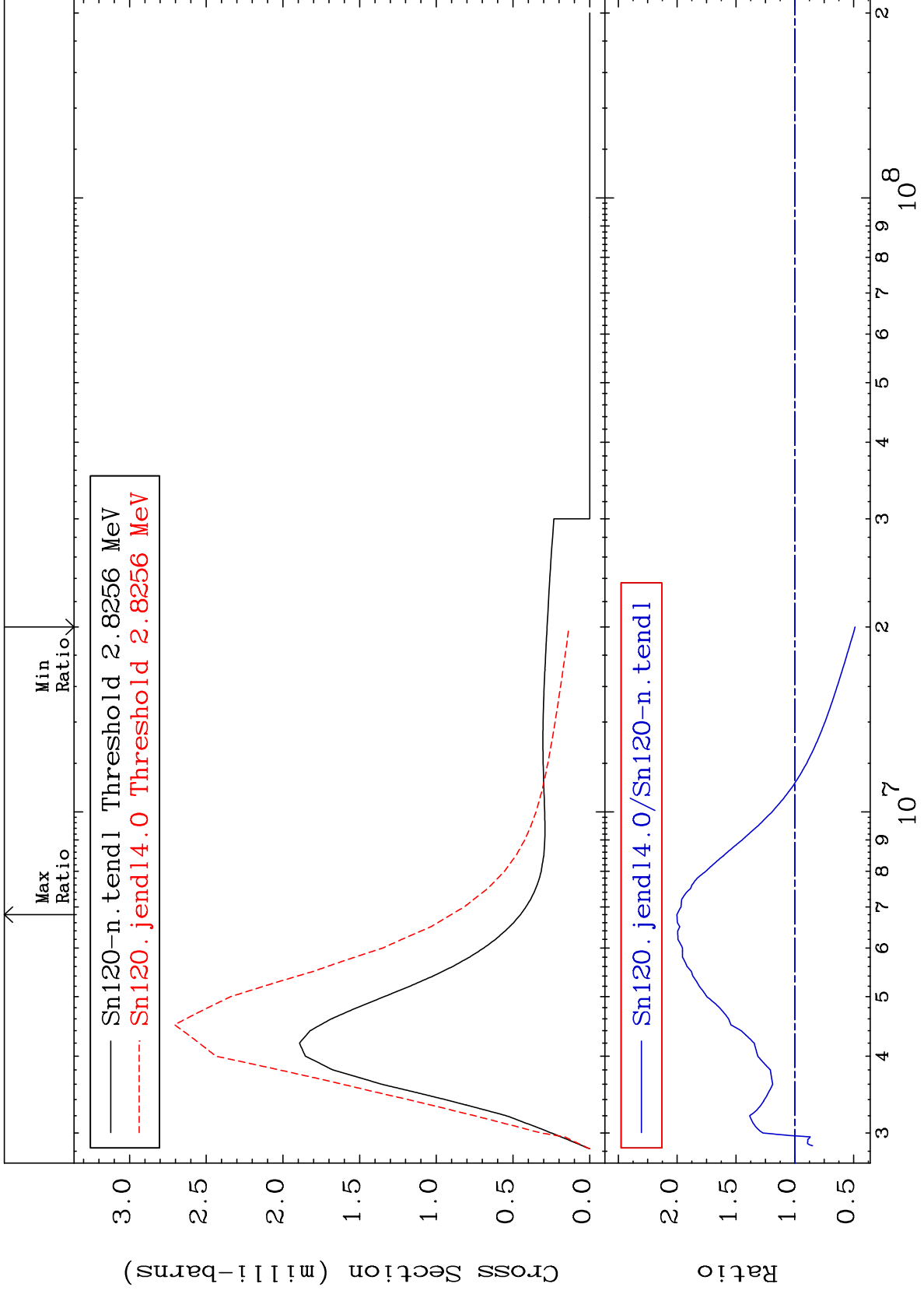
Incident Energy (eV)

50-Sn-120

MAT 5049

2.802 MeV (n,n') Level
Cross Section

50-Sn-120
-51.24 To 100.2 %



31

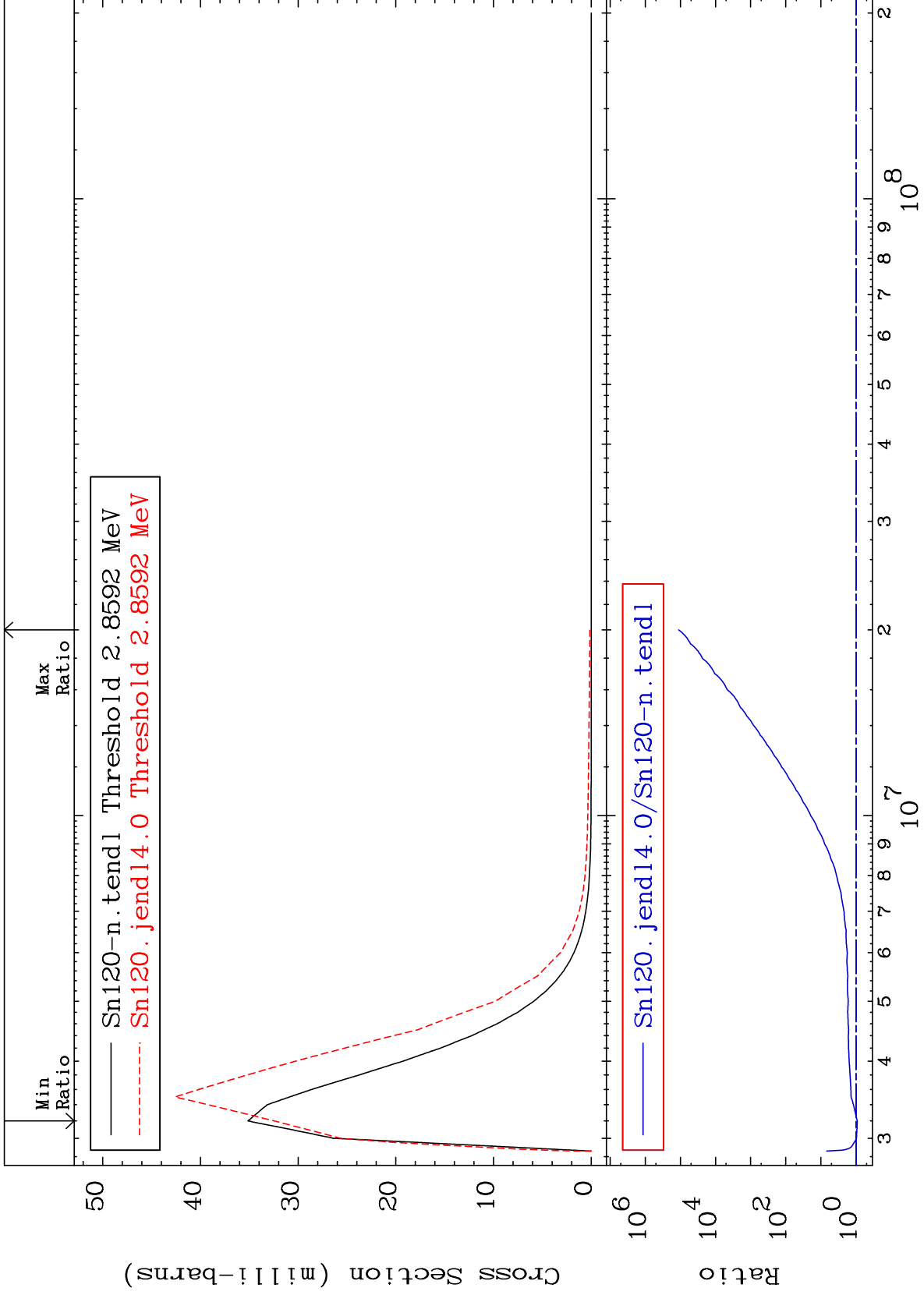
Incident Energy (eV)

50-Sn-120

MAT 5049

2.835 MeV (n,n') Level
Cross Section

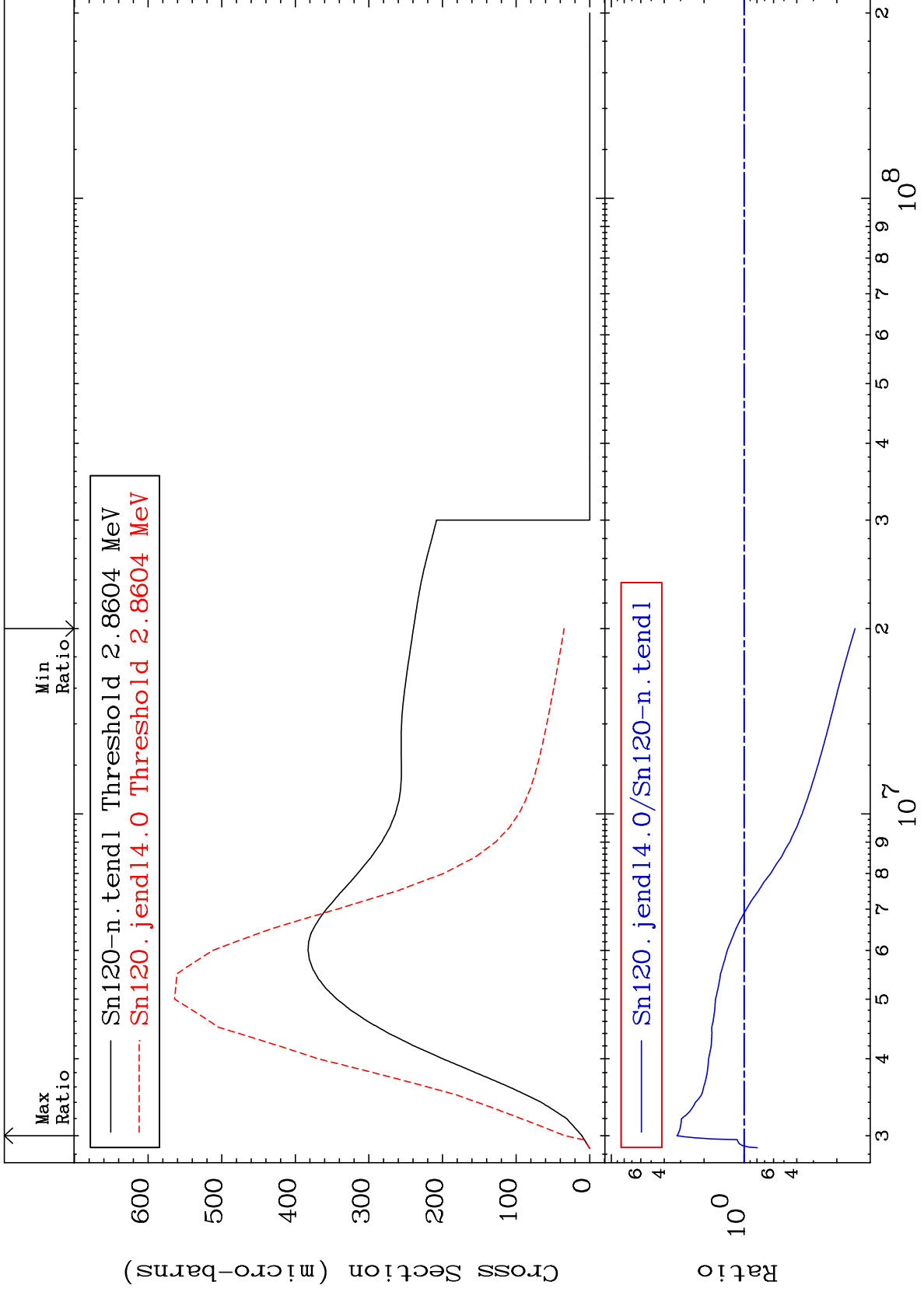
50-Sn-120
-7.651 To 9999. %



MAT 5049

2.837 MeV (n,n') Level
Cross Section

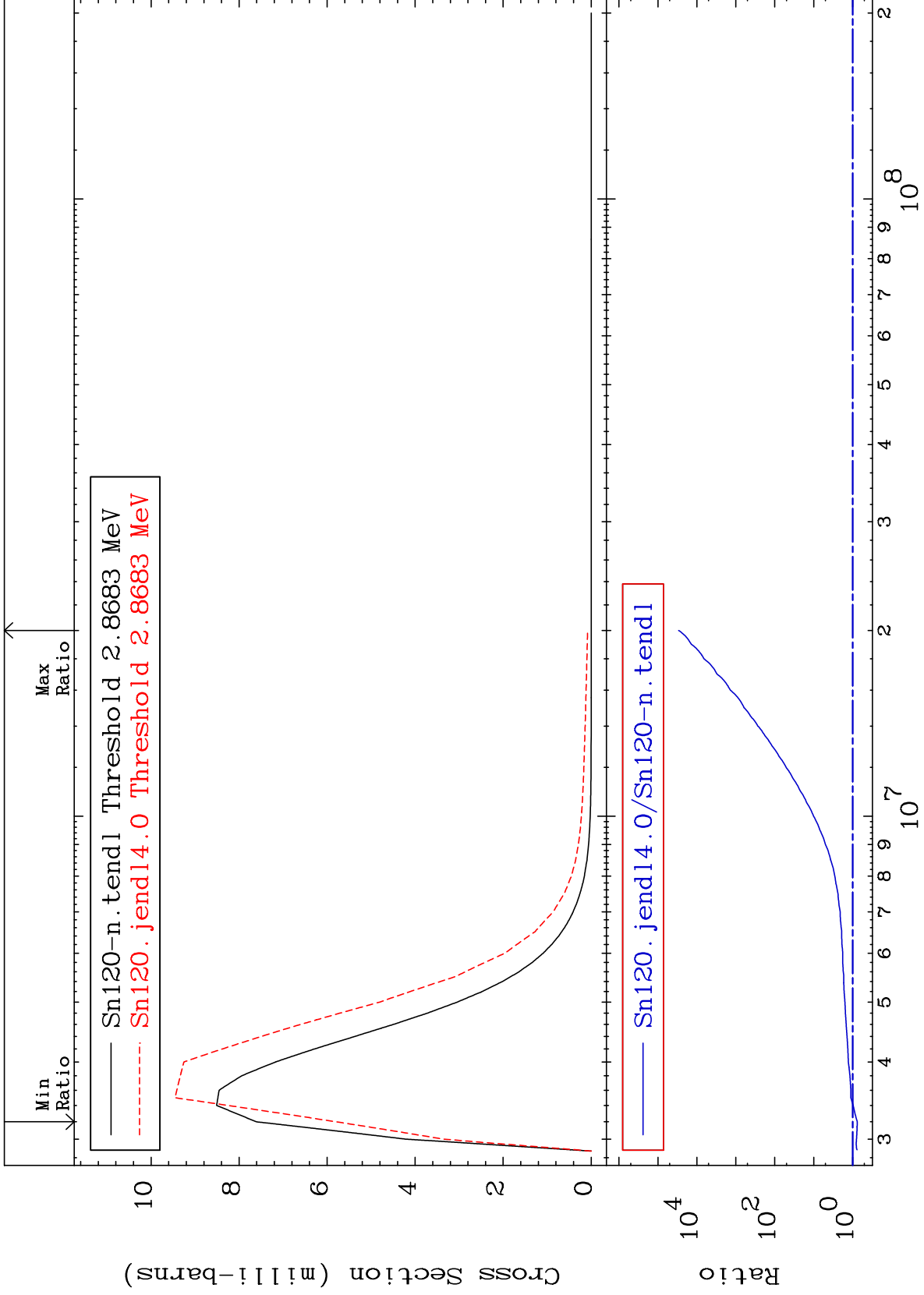
50-Sn-120
-85.43 To 220.3 %



MAT 5049

2.844 MeV (n,n') Level
Cross Section

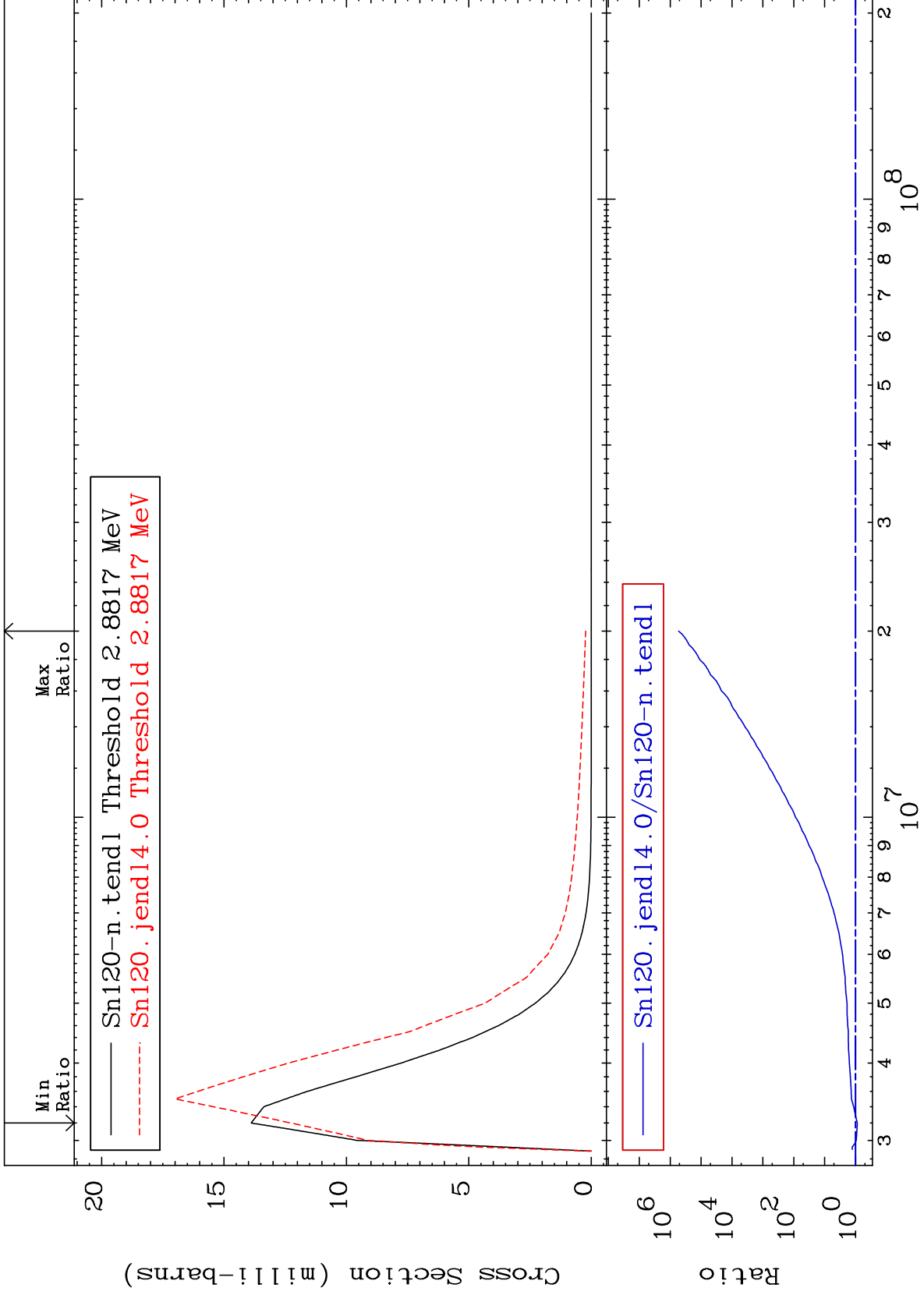
50-Sn-120
-23.81 To 9999. %



MAT 5049

2.858 MeV (n,n') Level
Cross Section

50-Sn-120
-11.65 To 9999. %



35

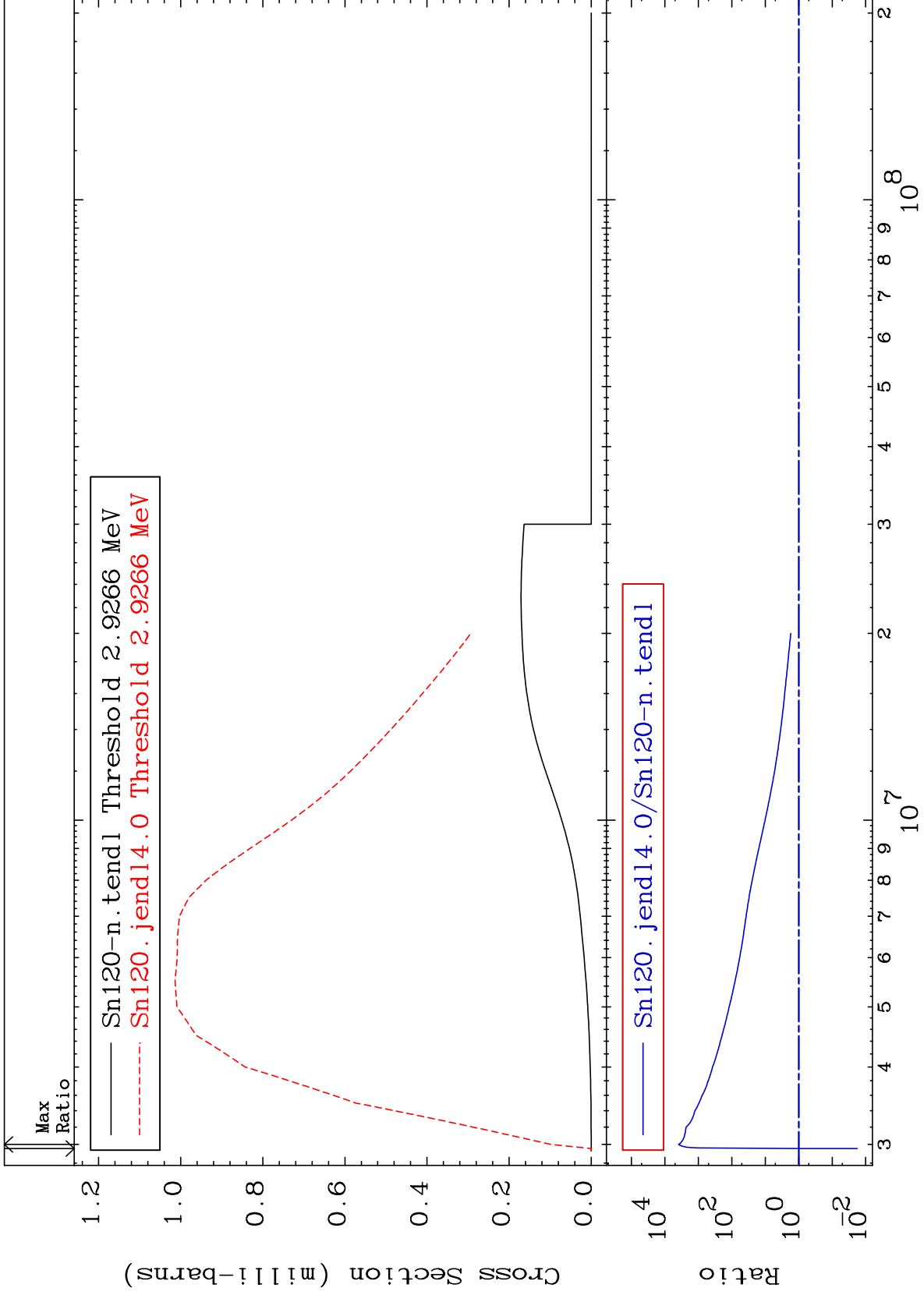
Incident Energy (eV)

50-Sn-120

MAT 5049

2.902 MeV (n,n') Level
Cross Section

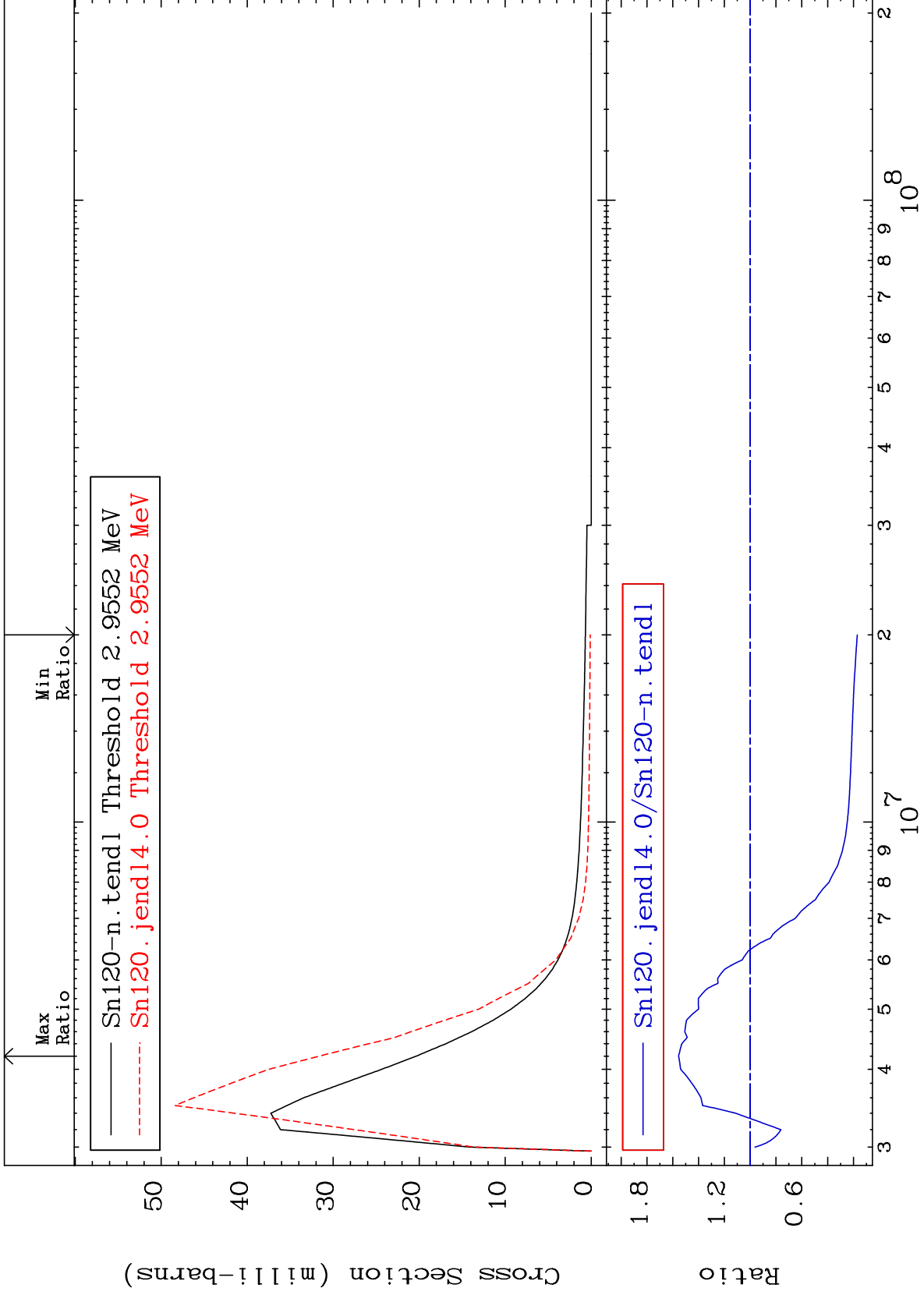
50-Sn-120
-98.22 To 9999. %



MAT 5049

2.931 MeV (n,n') Level
Cross Section

50-Sn-120
-82.97 To 55.47 %



37

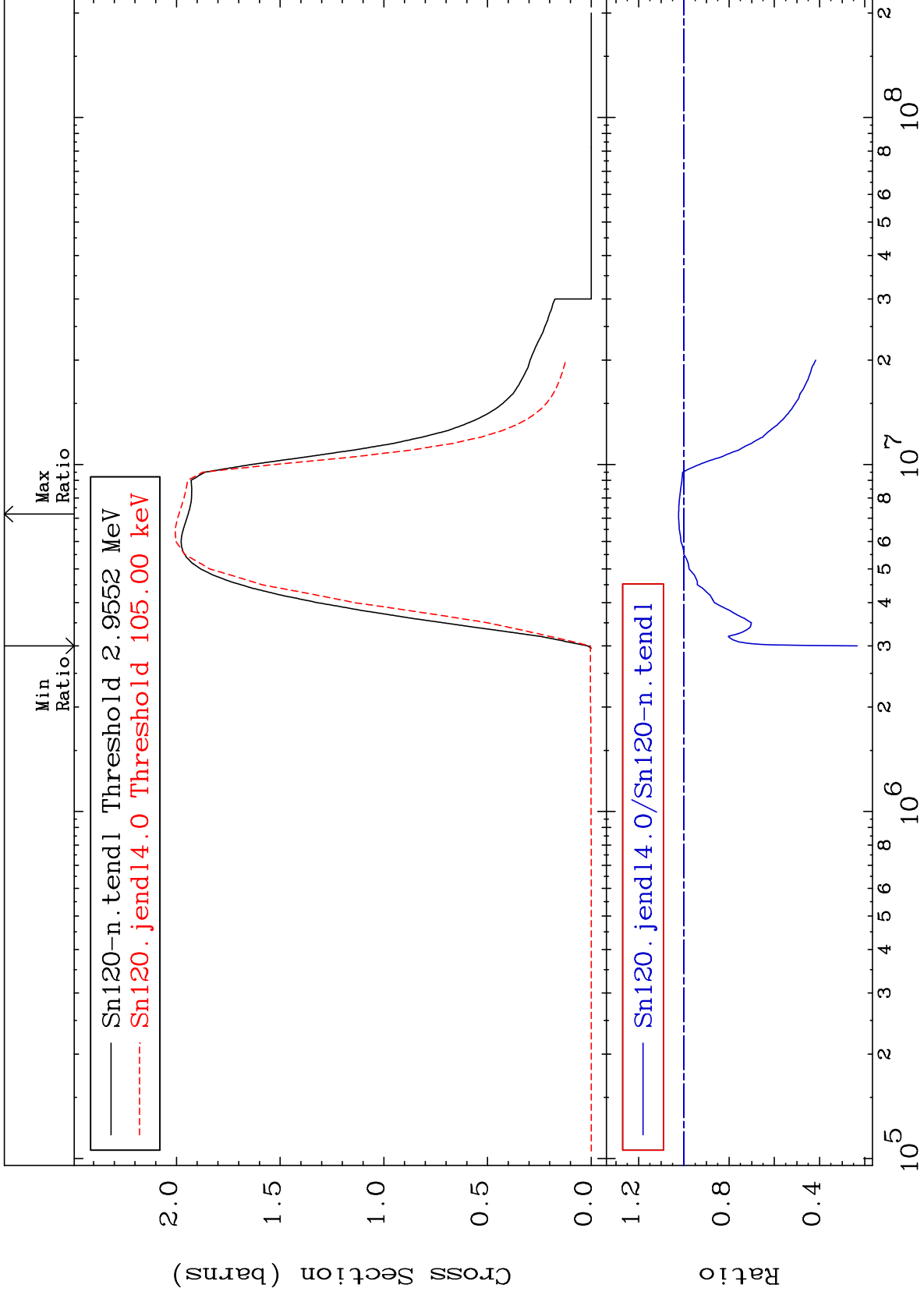
Incident Energy (eV)

50-Sn-120

MAT 5049

(n, n') Continuum
Cross Section

50-Sn-120
-76.66 To 2.298 %



38

Incident Energy (eV)

50-Sn-120

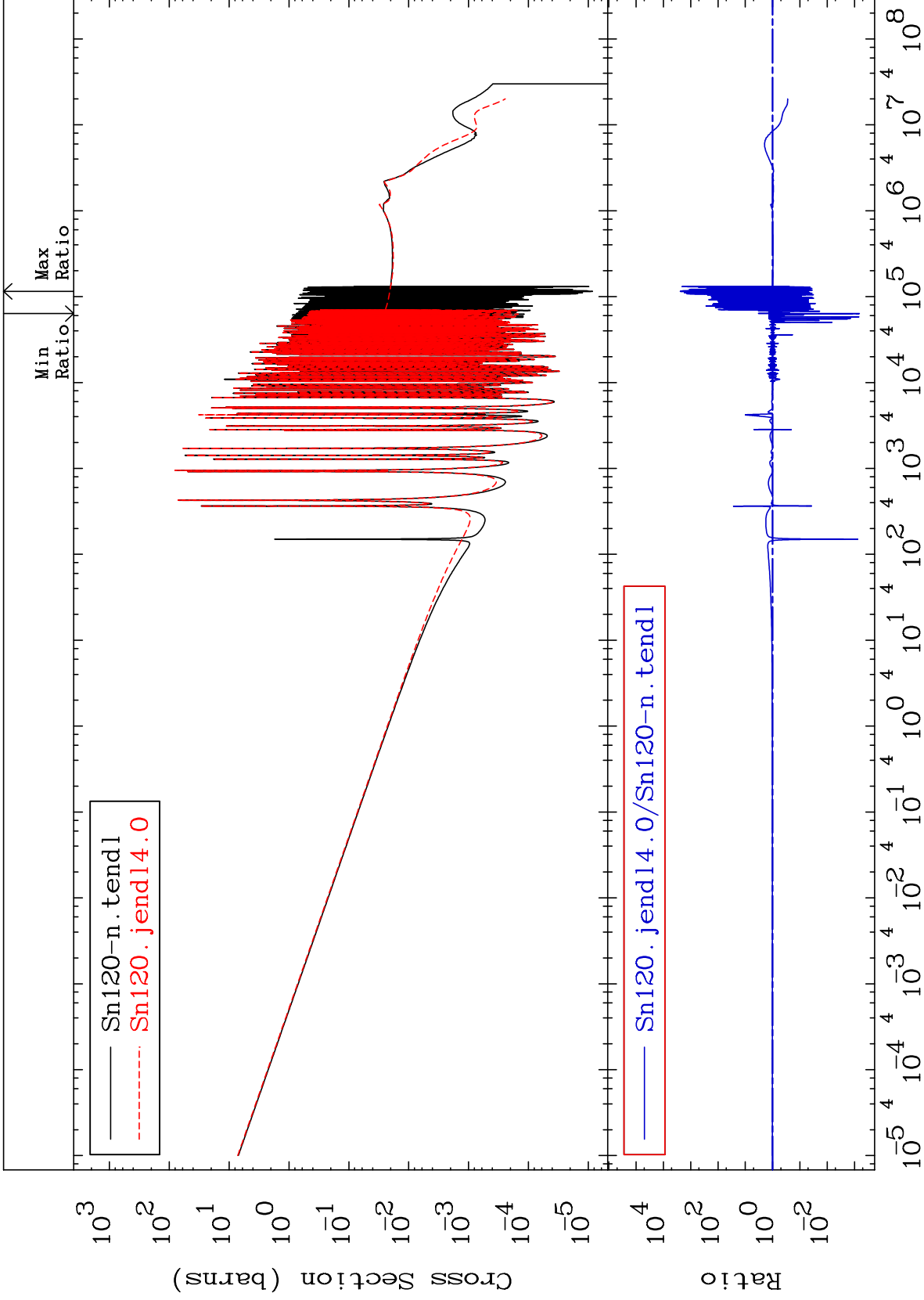
MAT 5049

(n, γ)

50-Sn-120

Cross Section

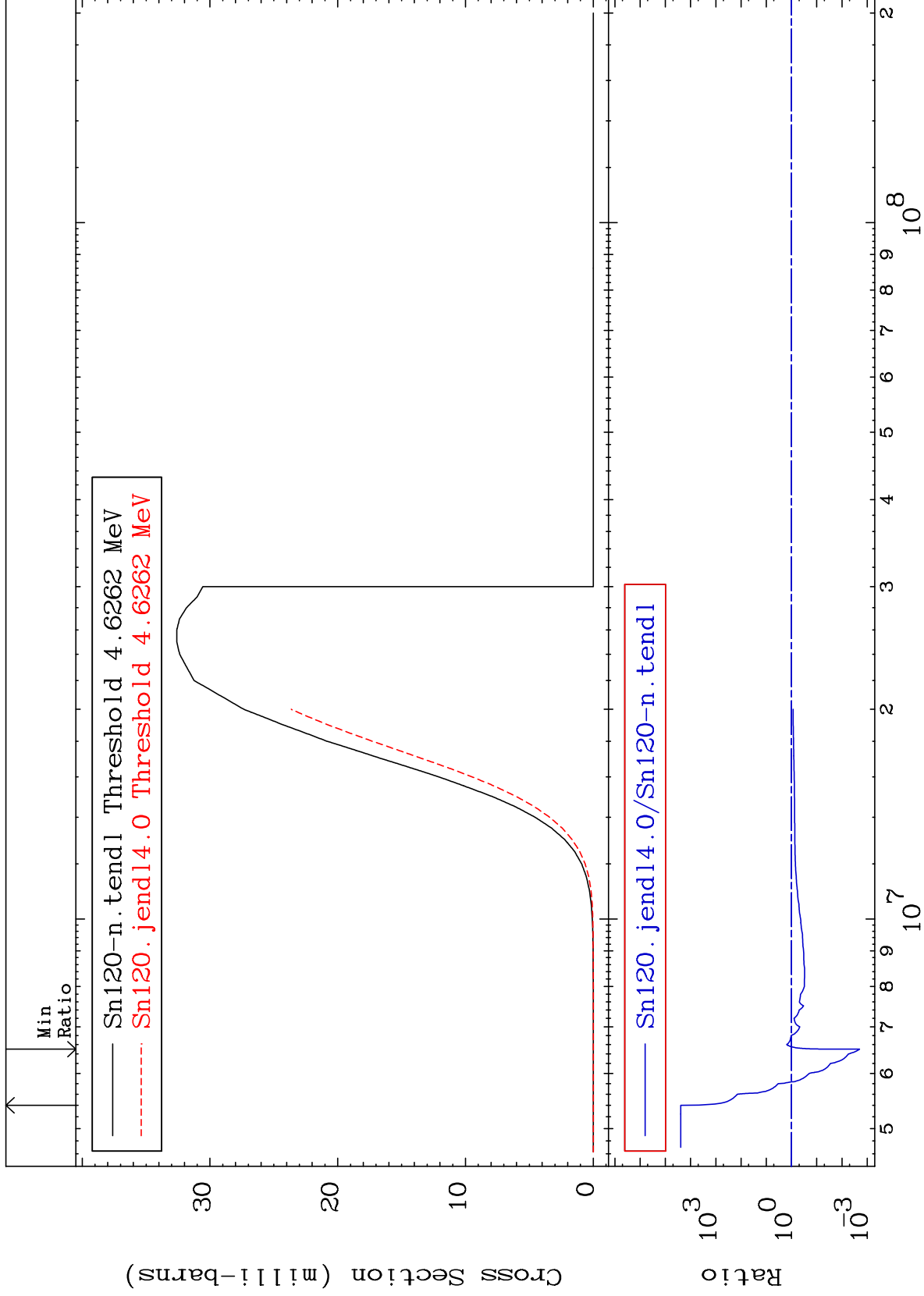
-99.93 To 9999. %



MAT 5049

(n,p)
Cross Section

50-Sn-120
-99.80 To 9999. %



40

Incident Energy (eV)

50-Sn-120

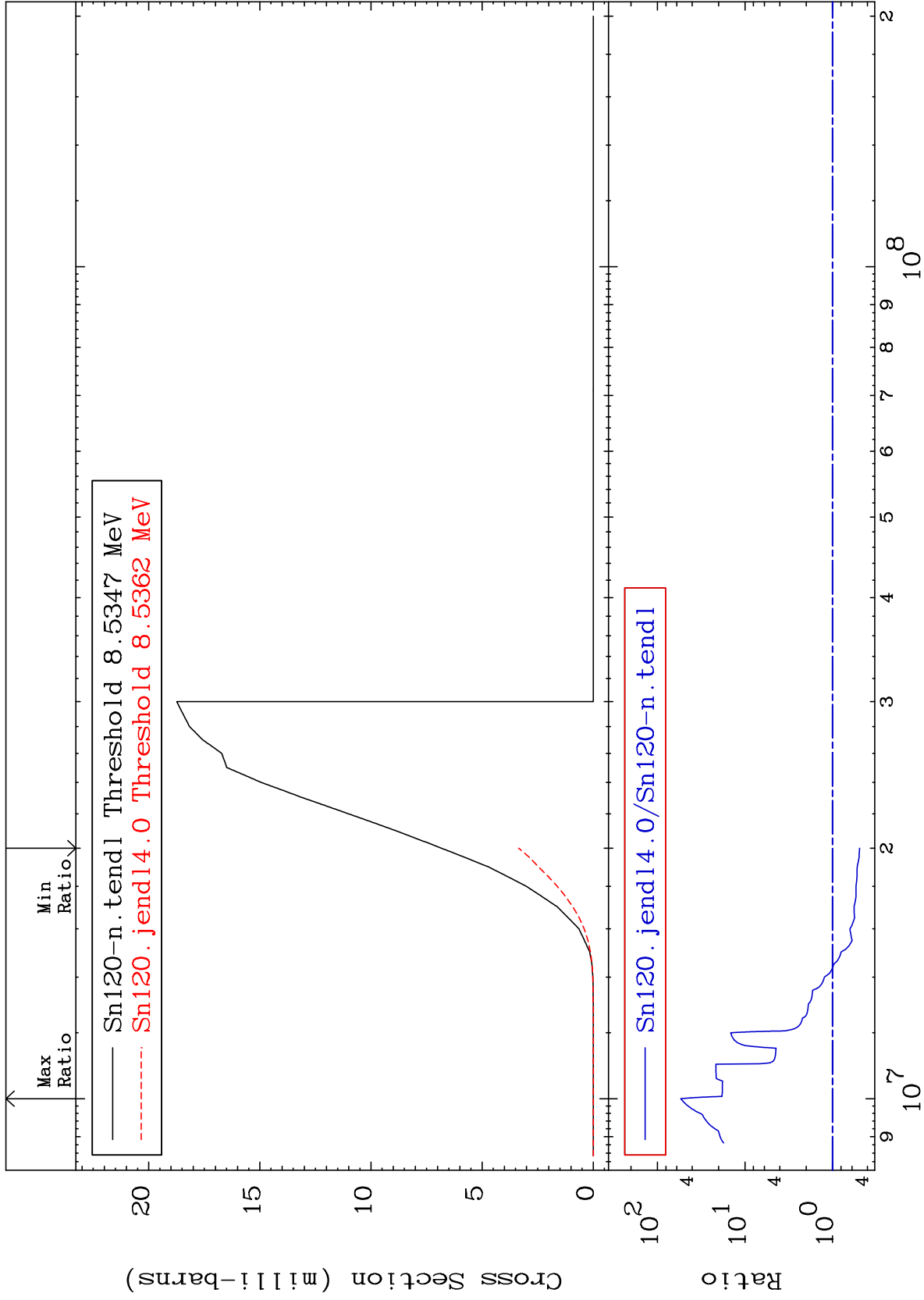
MAT 5049

(n, d)

50-Sn-120

Cross Section

-50.86 To 5306. %



41

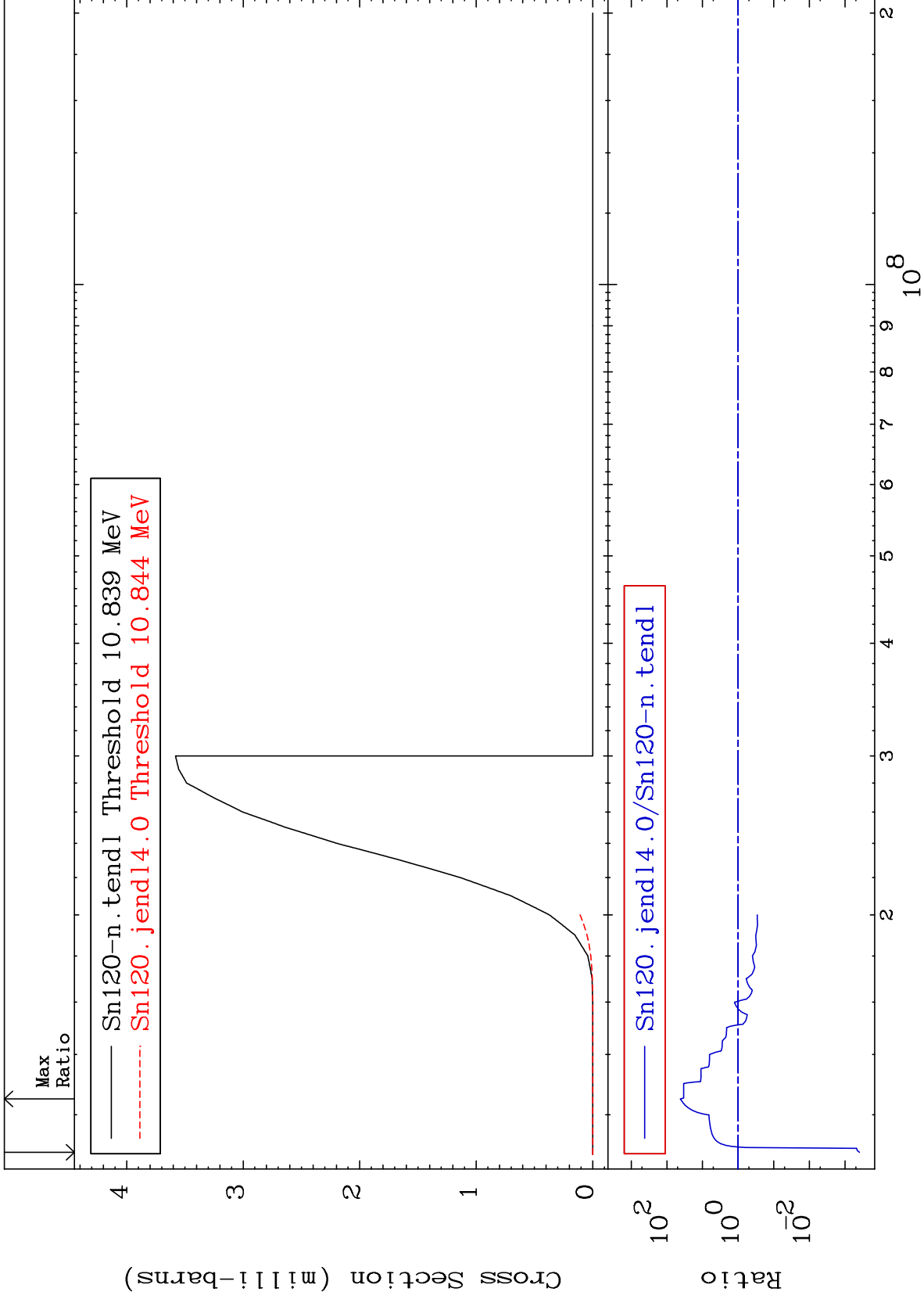
Incident Energy (eV)

50-Sn-120

MAT 5049

(n, t)
Cross Section

50-Sn-120
-99.96 To 4085. %



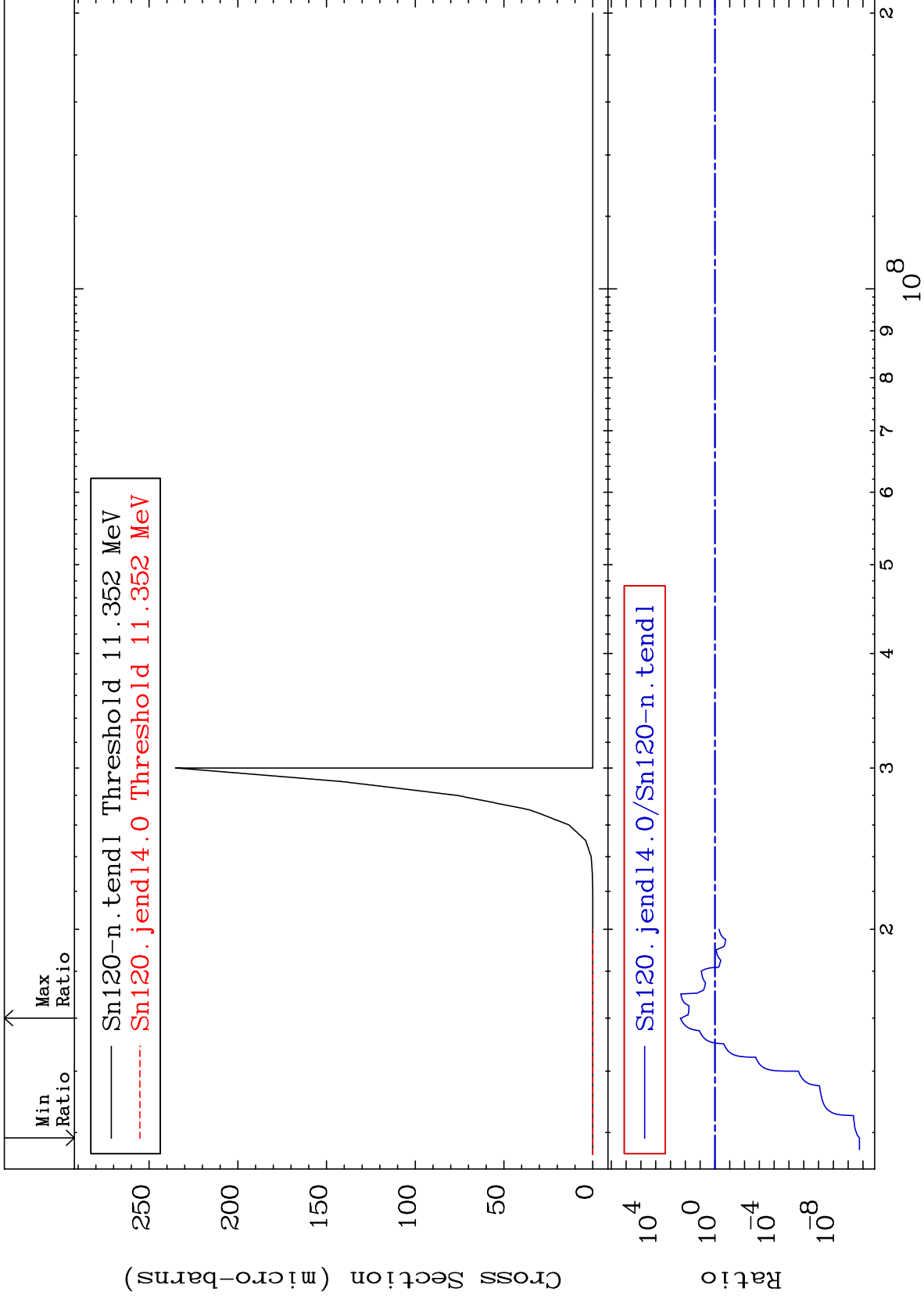
MAT 5049

(n,He-3)

50-Sn-120

Cross Section

-100.0 To 9999. %



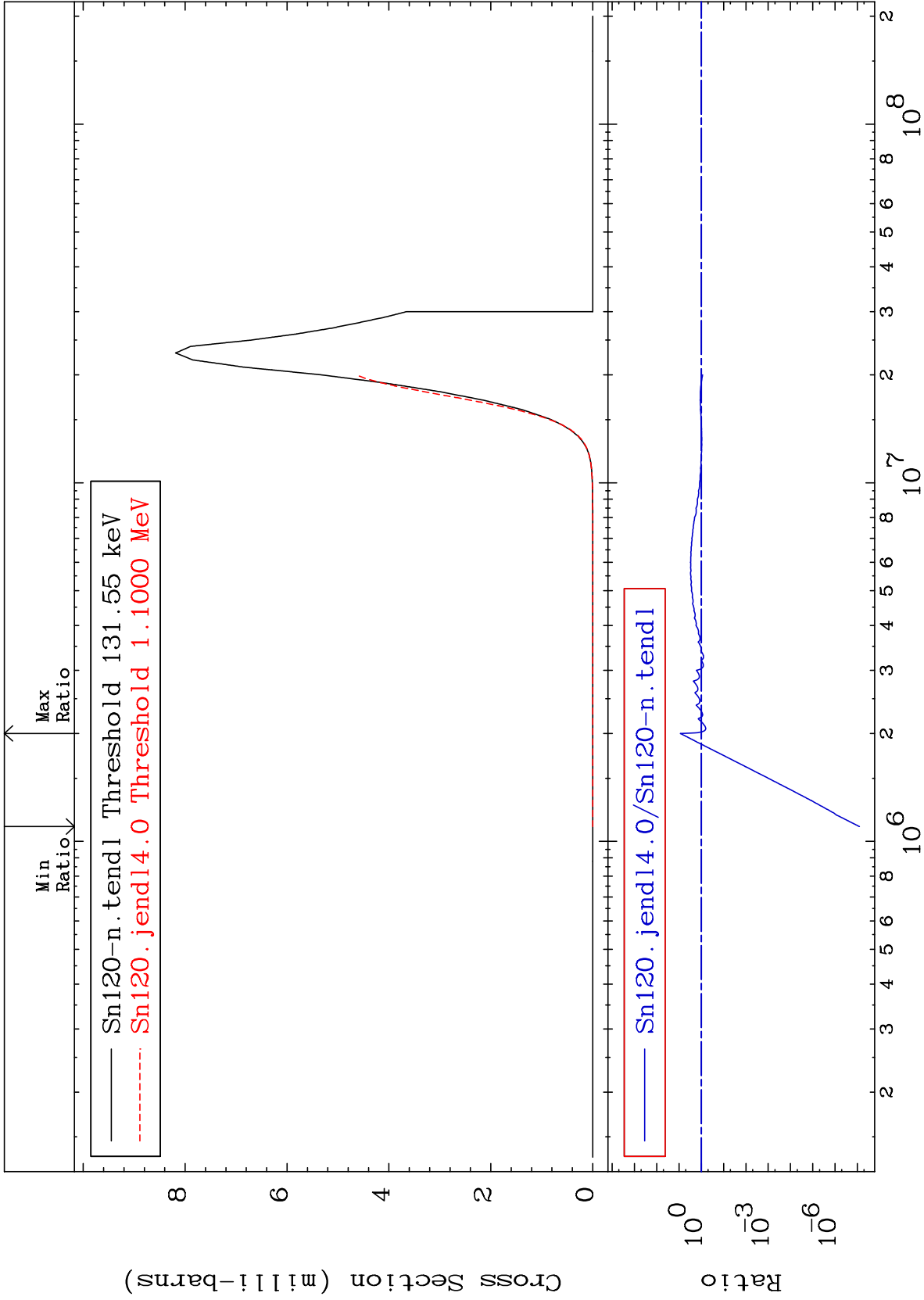
MAT 5049

(n, α)

50-Sn-120

Cross Section

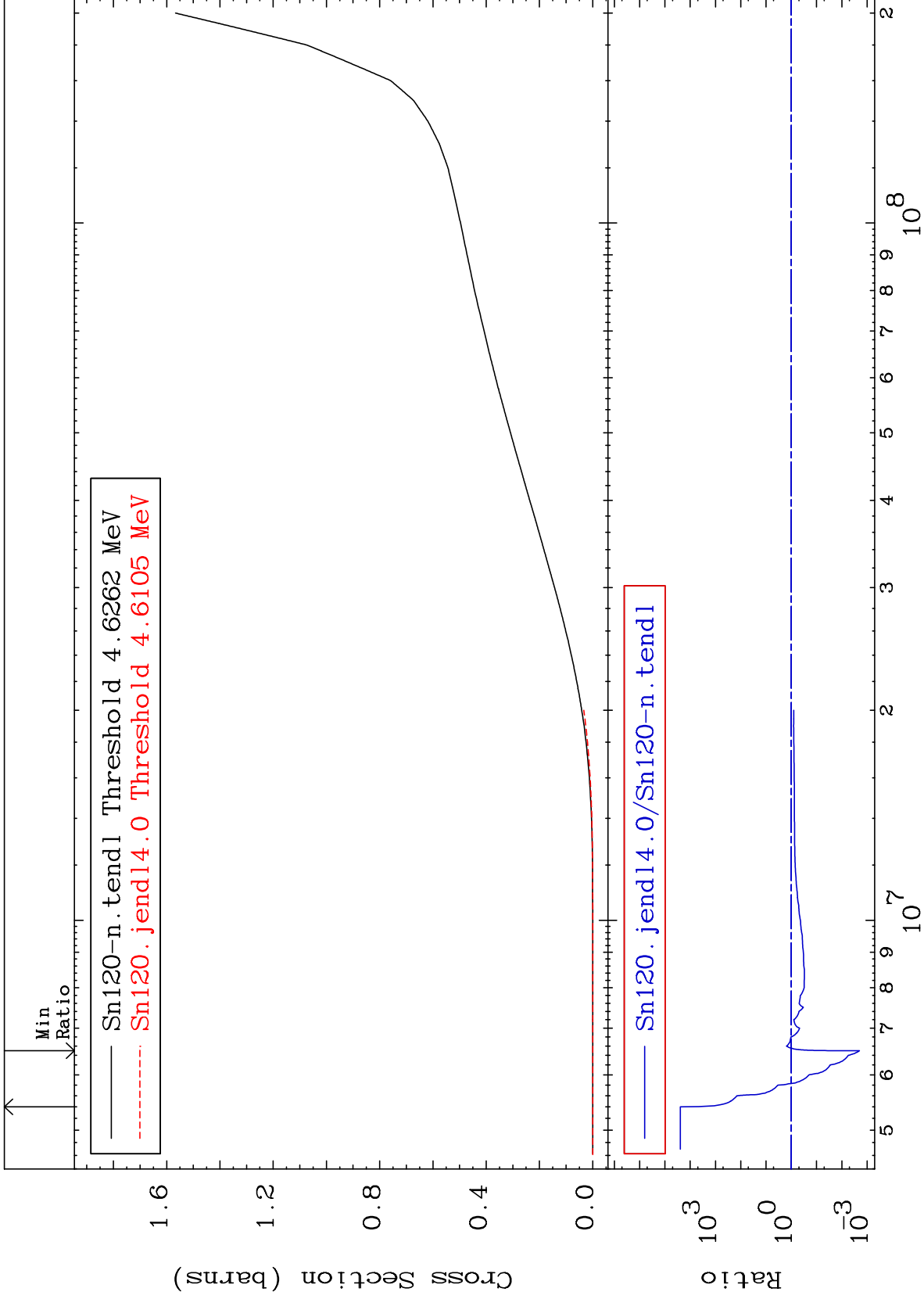
-100.0 To 768.9 %



MAT 5049

Hydrogen Production
Cross Section

50-Sn-120
-99.80 To 9999. %



45

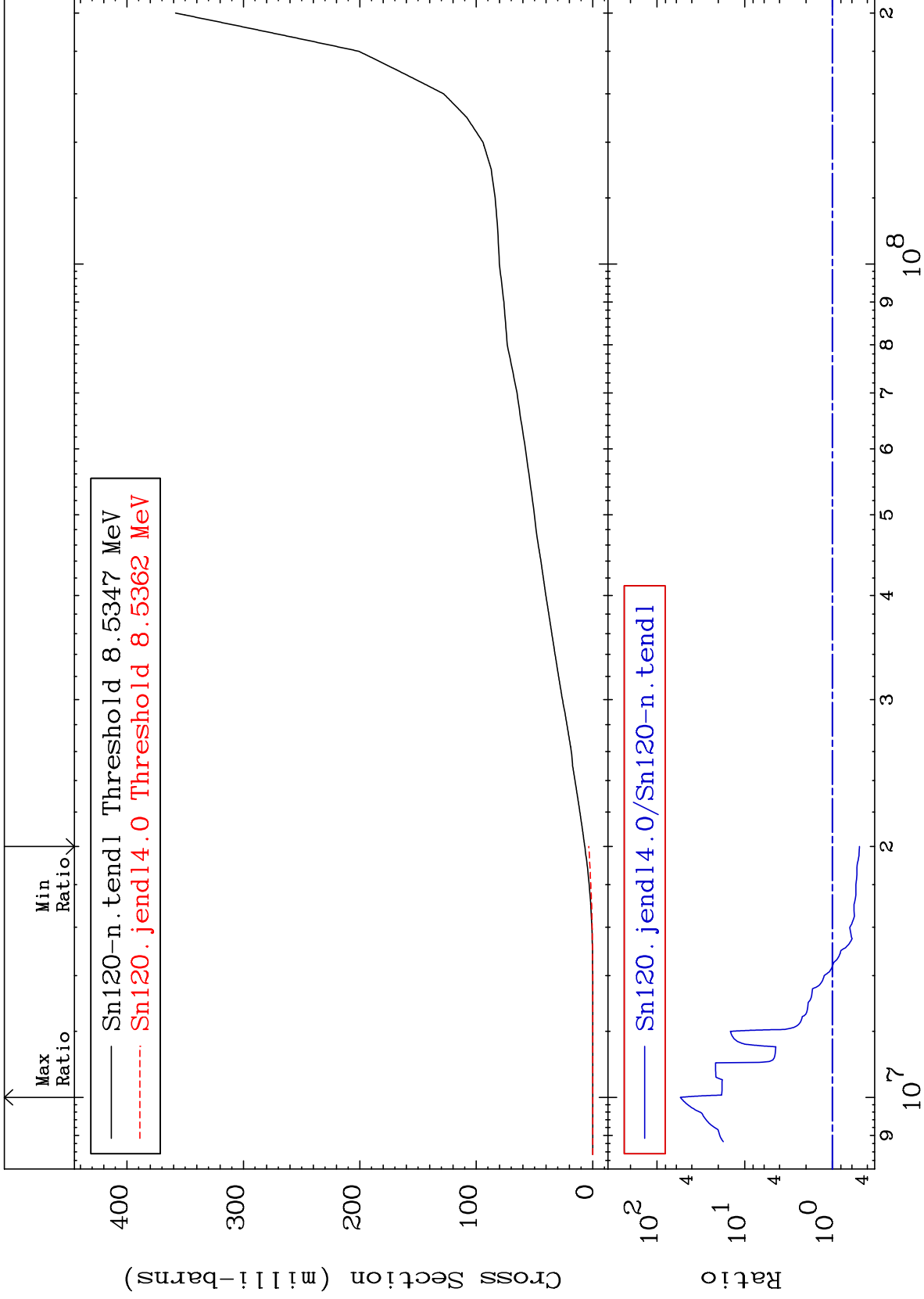
Incident Energy (eV)

50-Sn-120

MAT 5049

Deuterium Production
Cross Section

50-Sn-120
-50.86 To 5306. %



46

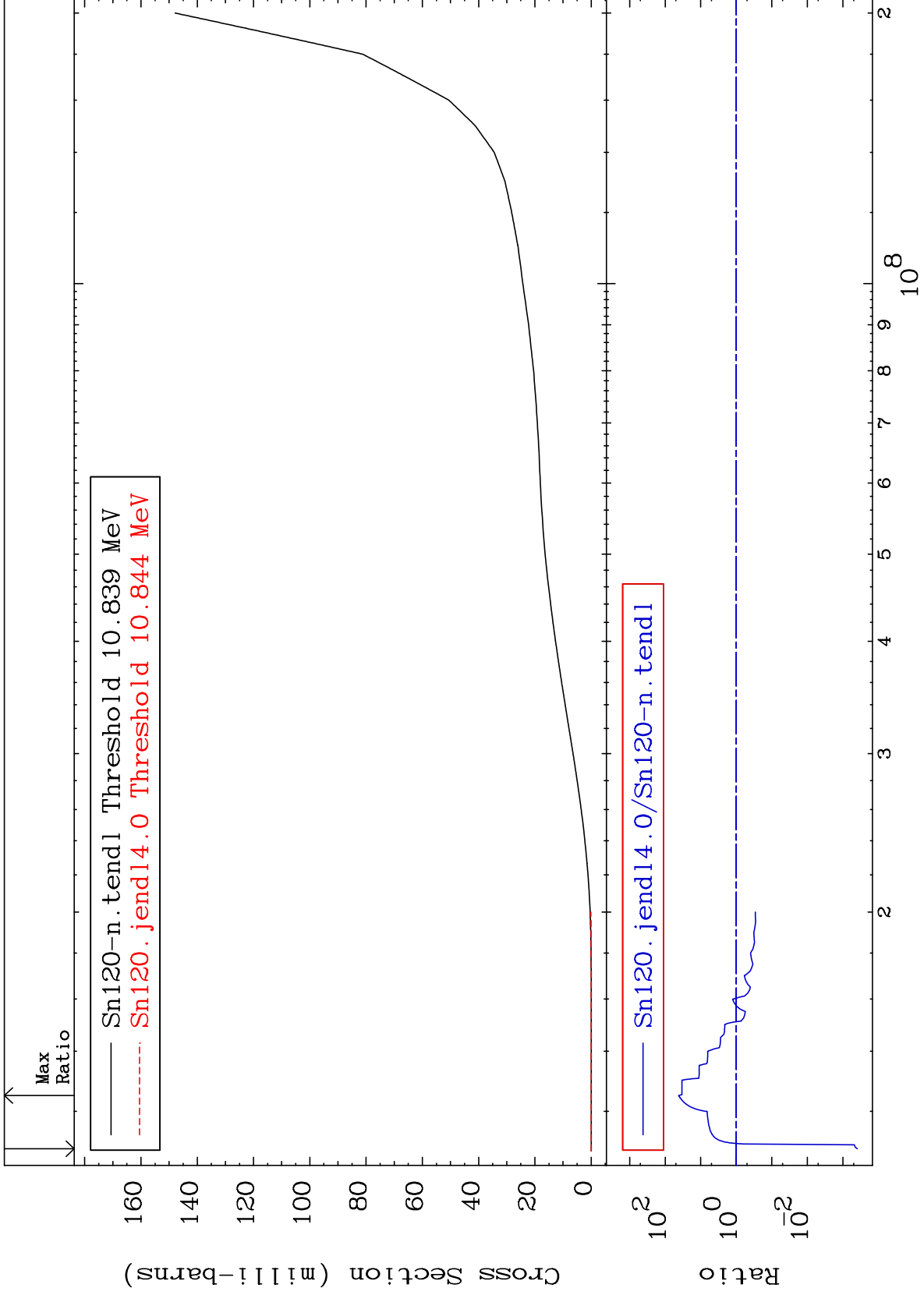
Incident Energy (eV)

50-Sn-120

MAT 5049

Tritium Production
Cross Section

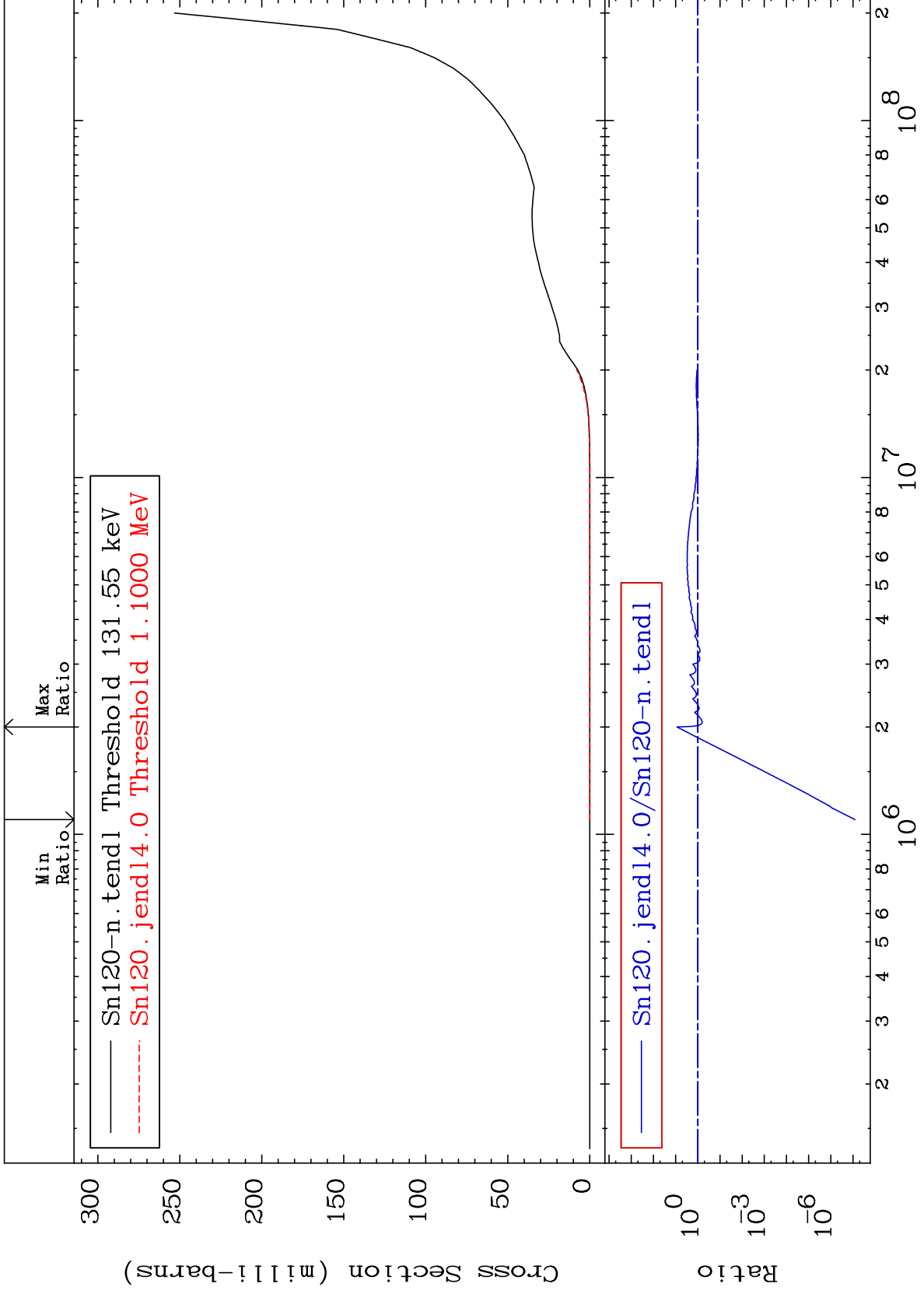
50-Sn-120
-99.96 To 4085. %



MAT 5049

He-4 Production
Cross Section

50-Sn-120
-100.0 To 768.9 %



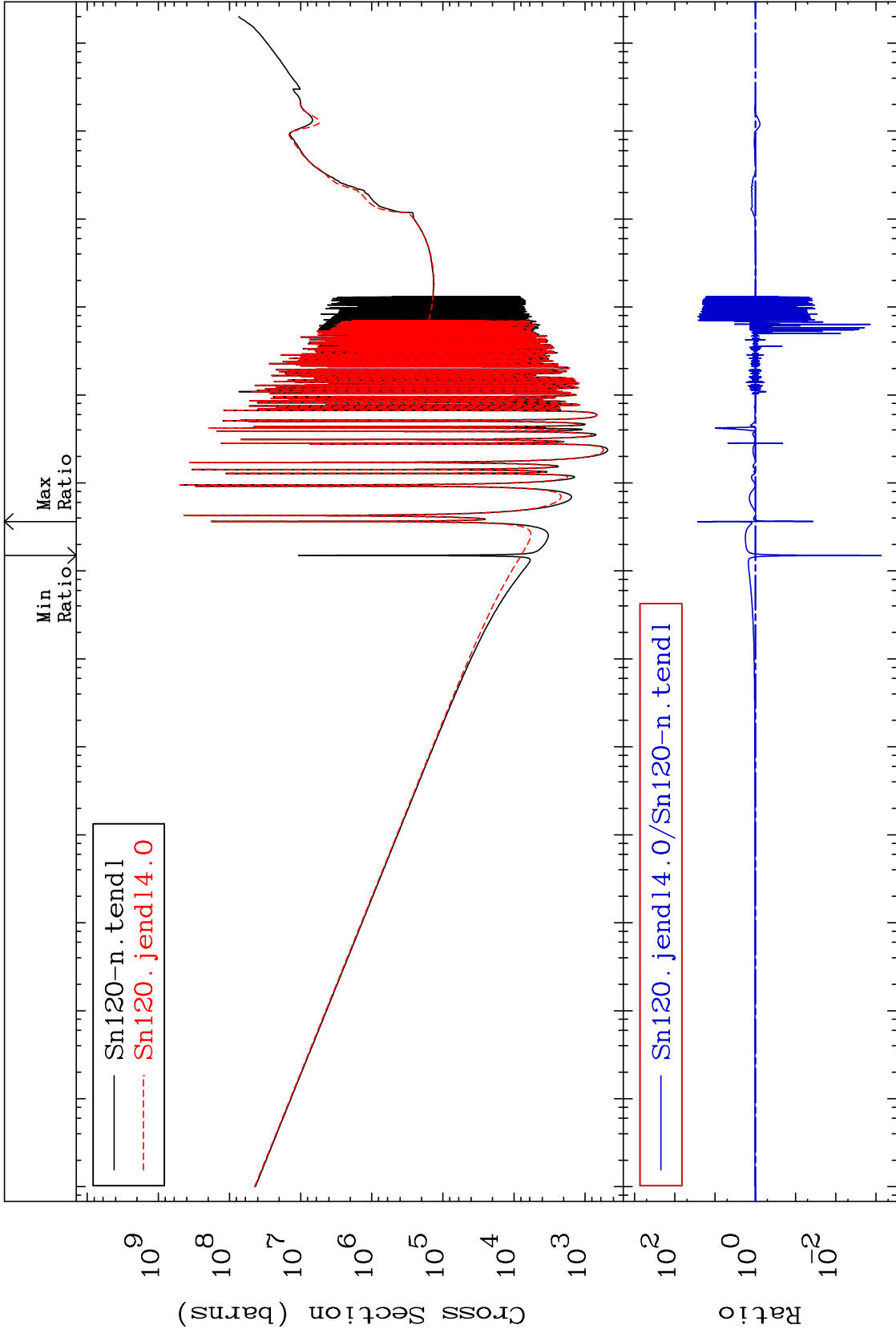
MAT 5049

Kerma total (eV-barns)

50-Sn-120

-99.93 To 2627. %

Cross Section



Incident Energy (eV)

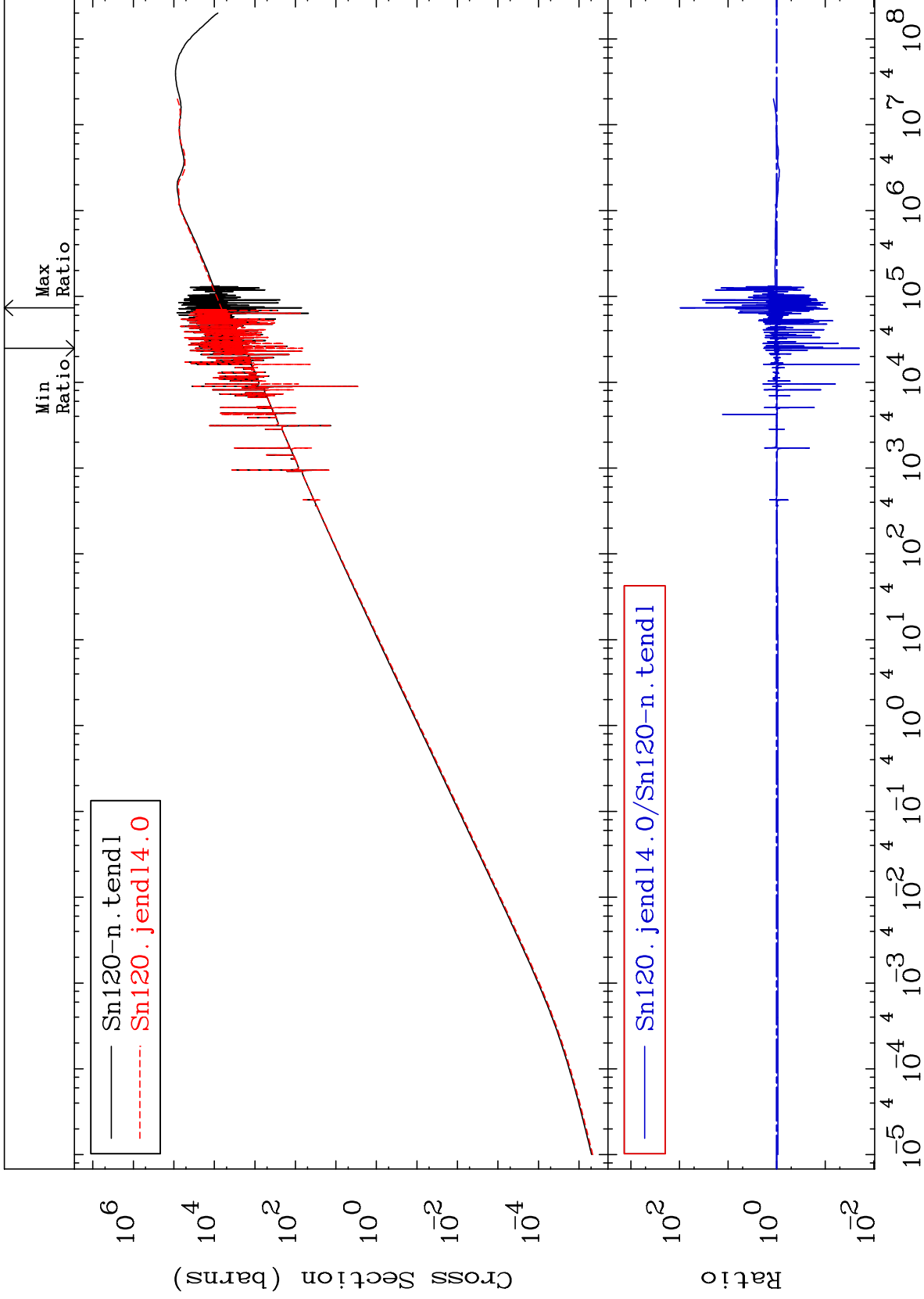
50-Sn-120

50

MAT 5049

Kerma elastic
Cross Section

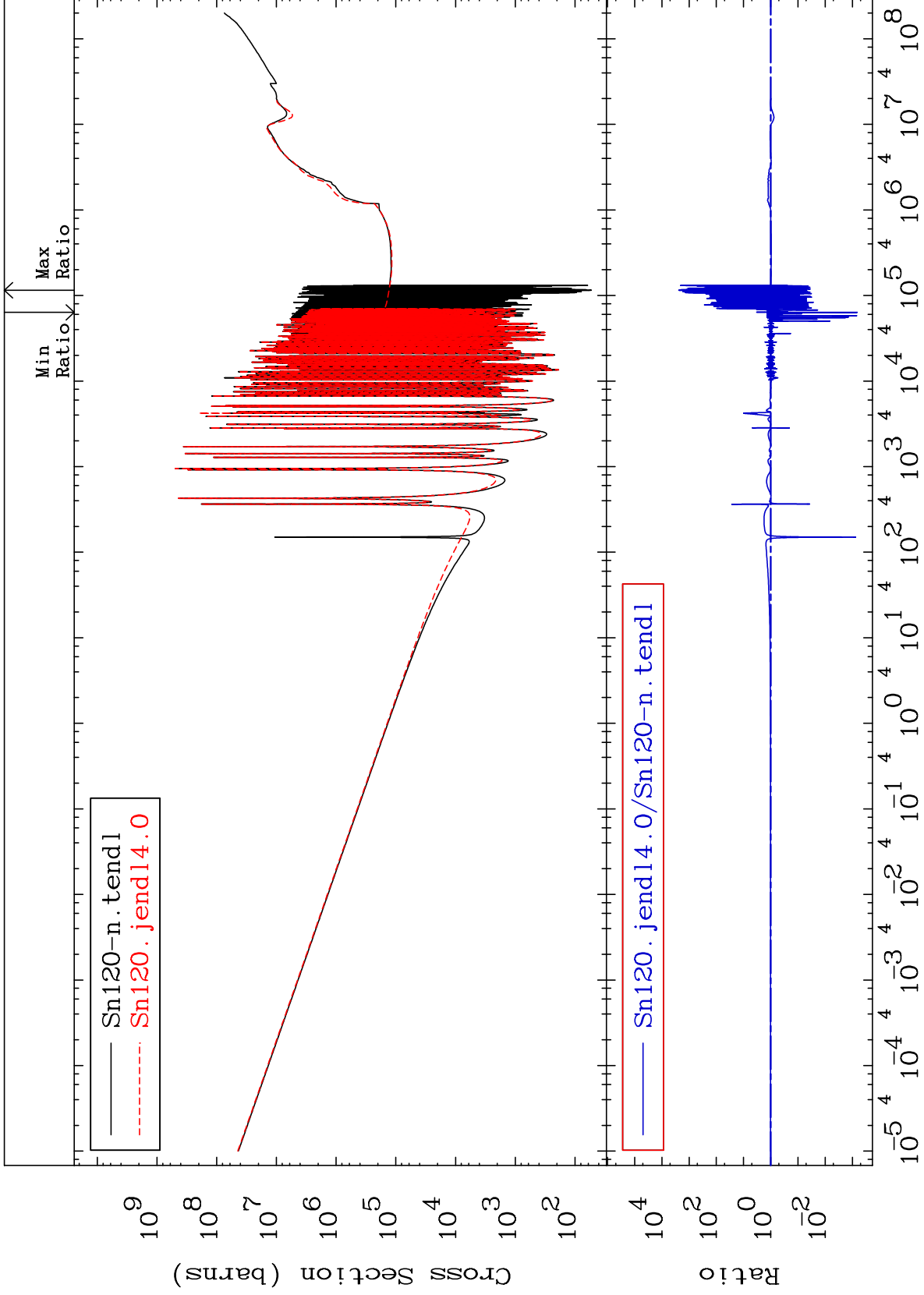
50-Sn-120
-98.03 To 9489. %



MAT 5049

Kerma non-elastic (all but mt2)
Cross Section

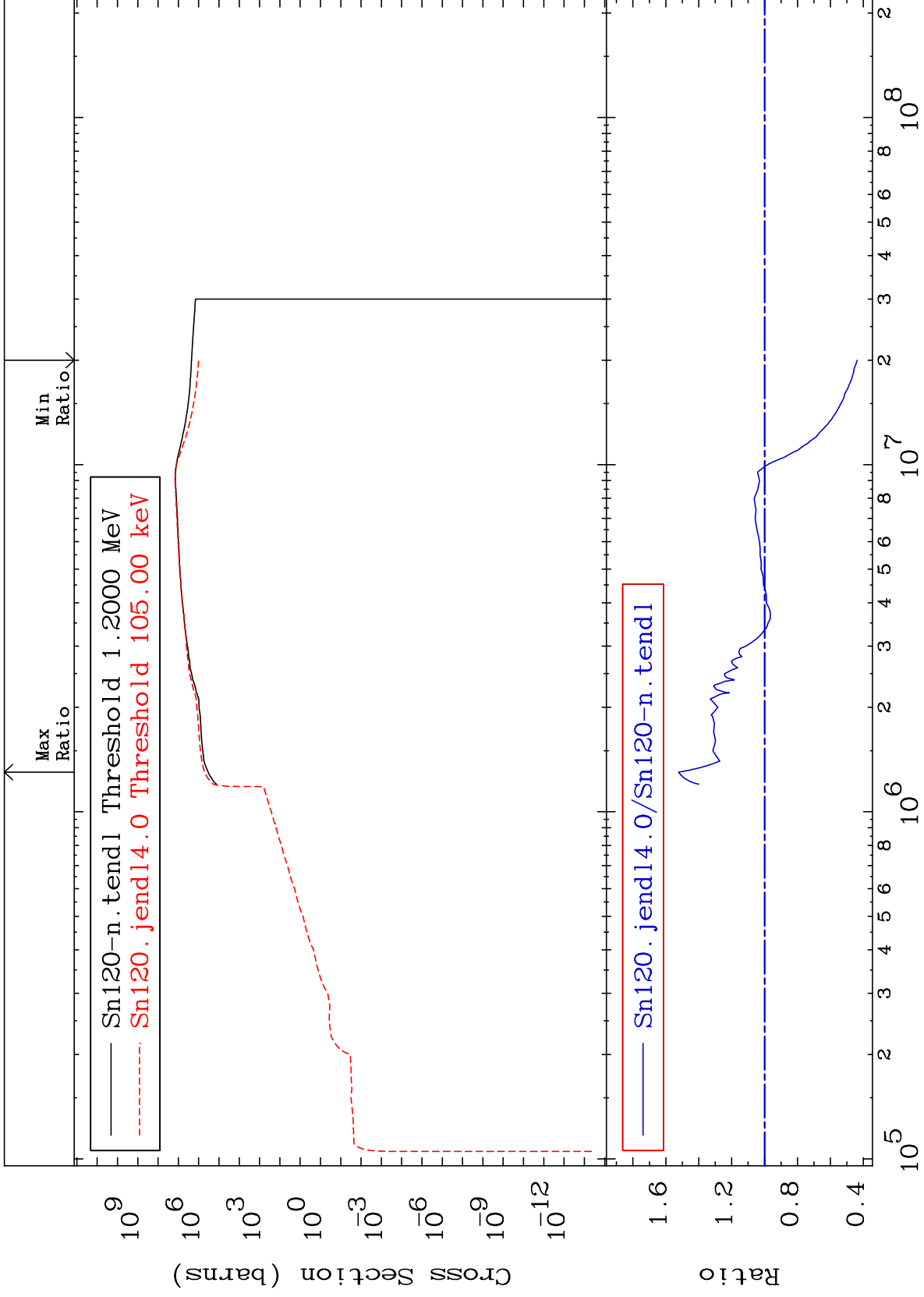
50-Sn-120
-99.93 To 9999. %



MAT 5049

Kerma inelastic (mt51-91)
Cross Section

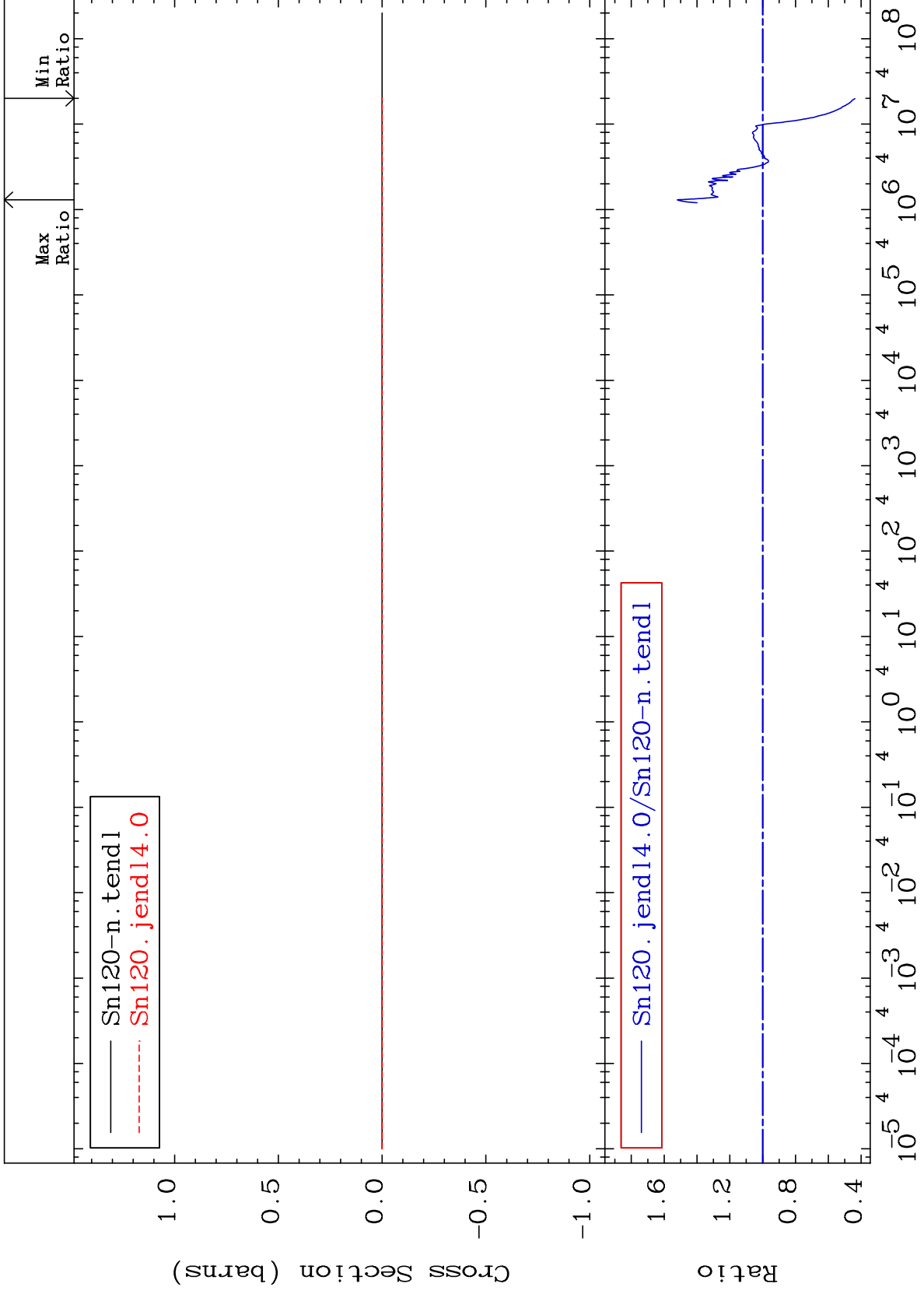
50-Sn-120
-56.29 To 52.22 %



MAT 5049

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

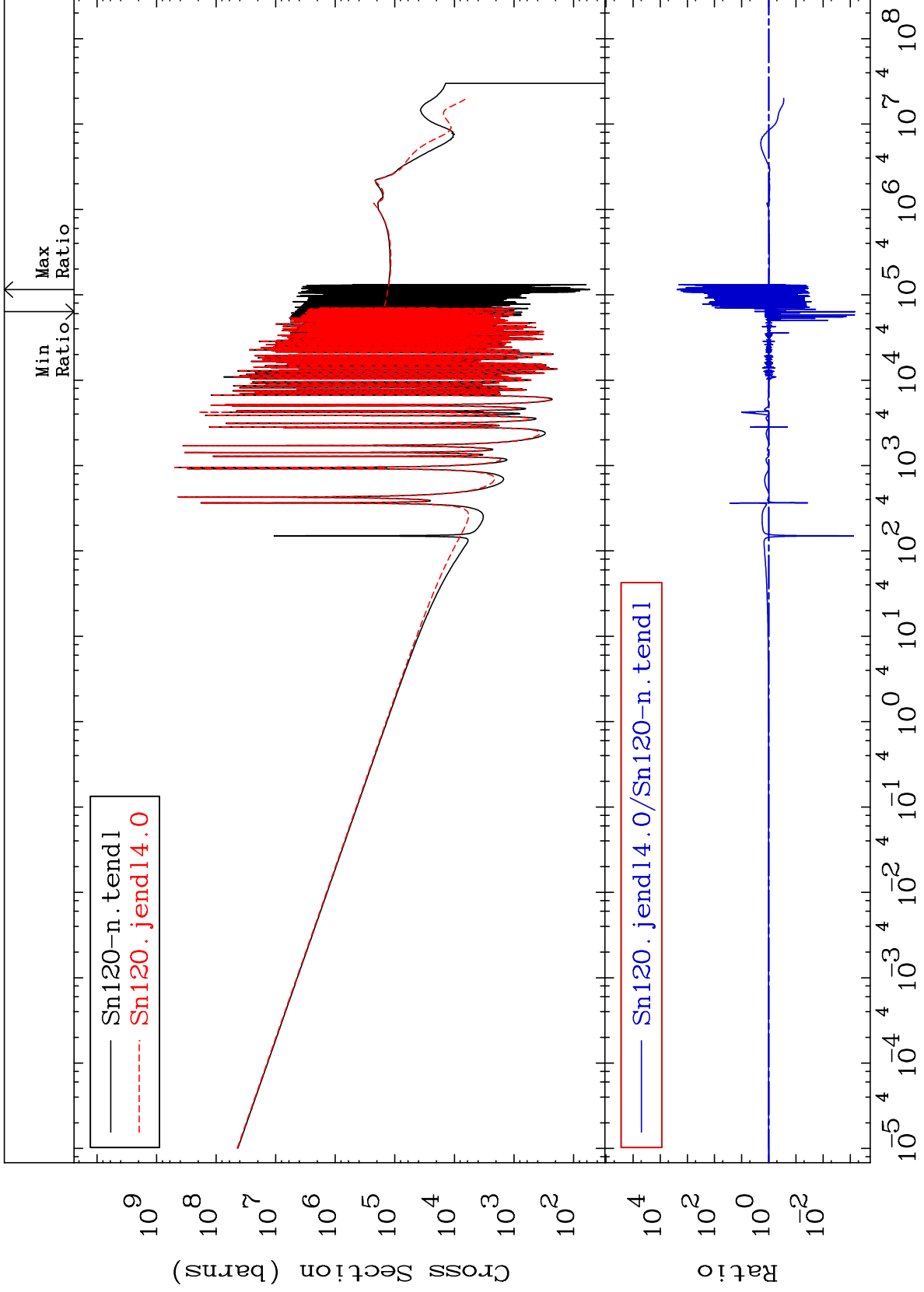
50-Sn-120
-56.29 To 52.22 %



MAT 5049

Kerma capture (mt102)
Cross Section

50-Sn-120
-99.93 To 9999. %



55

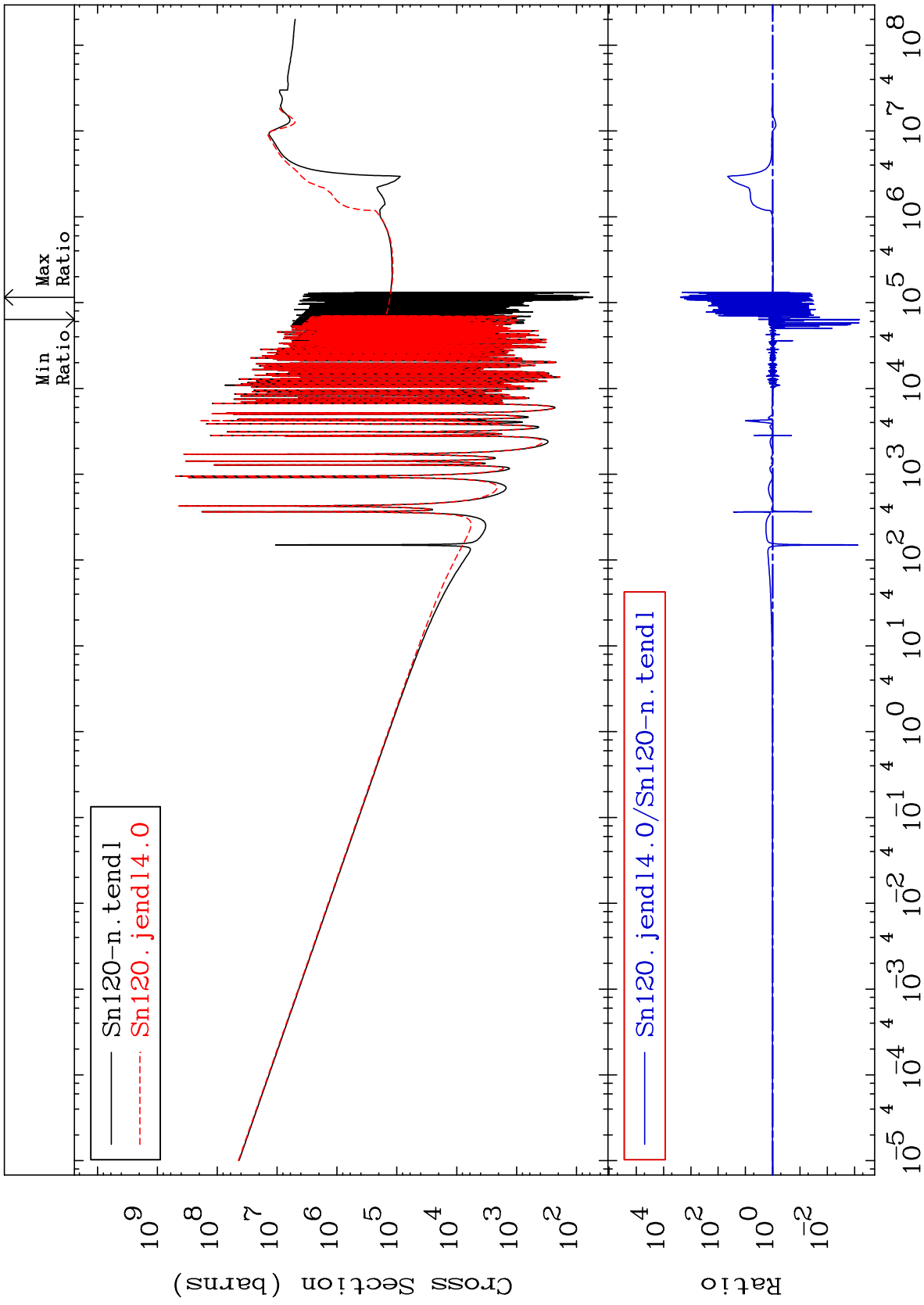
Incident Energy (eV)

50-Sn-120

MAT 5049

Total photon (eV-barns)
Cross Section

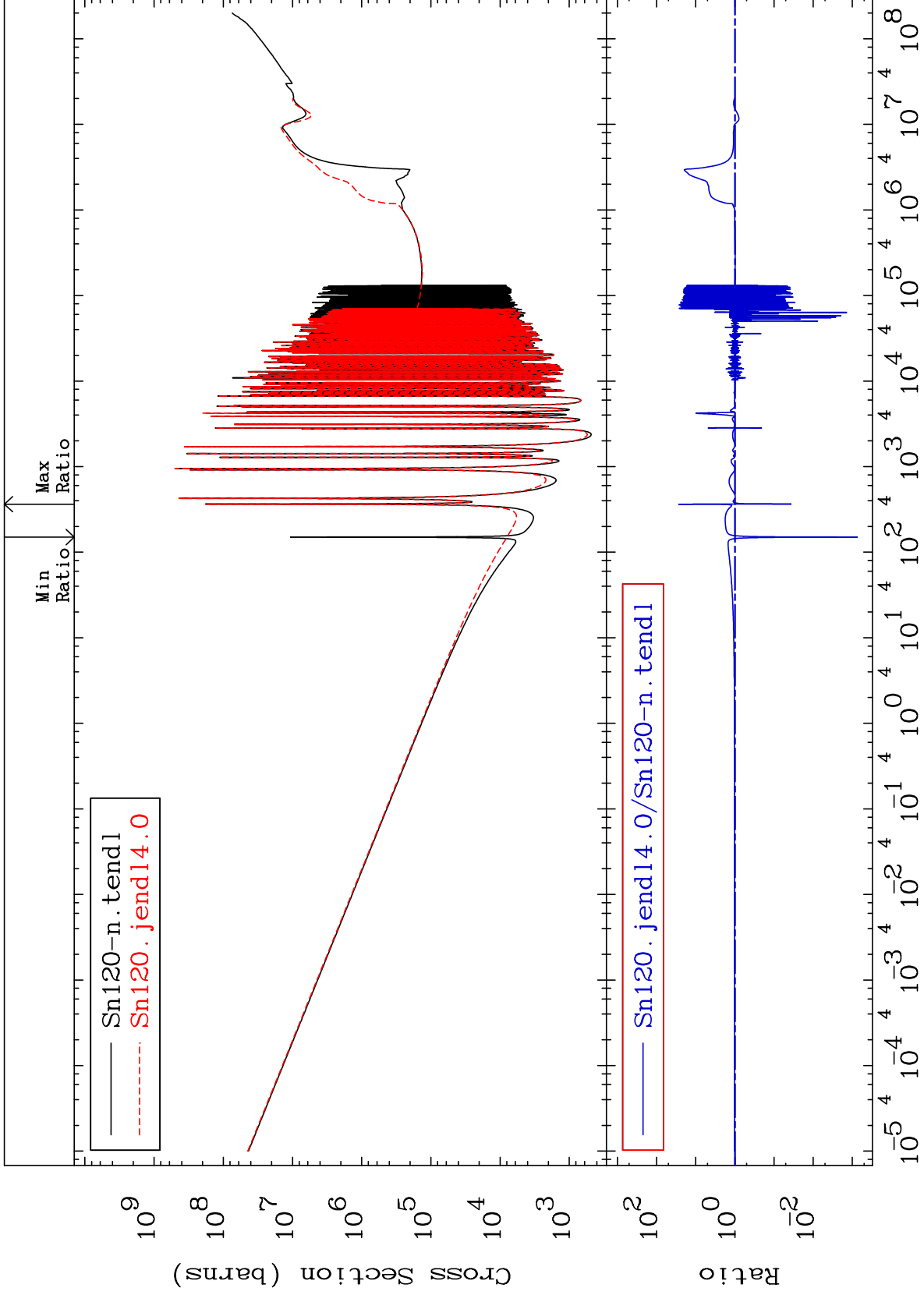
50-Sn-120
-99.93 To 9999. %



MAT 5049

Total kinematic kerma (high limit)
Cross Section

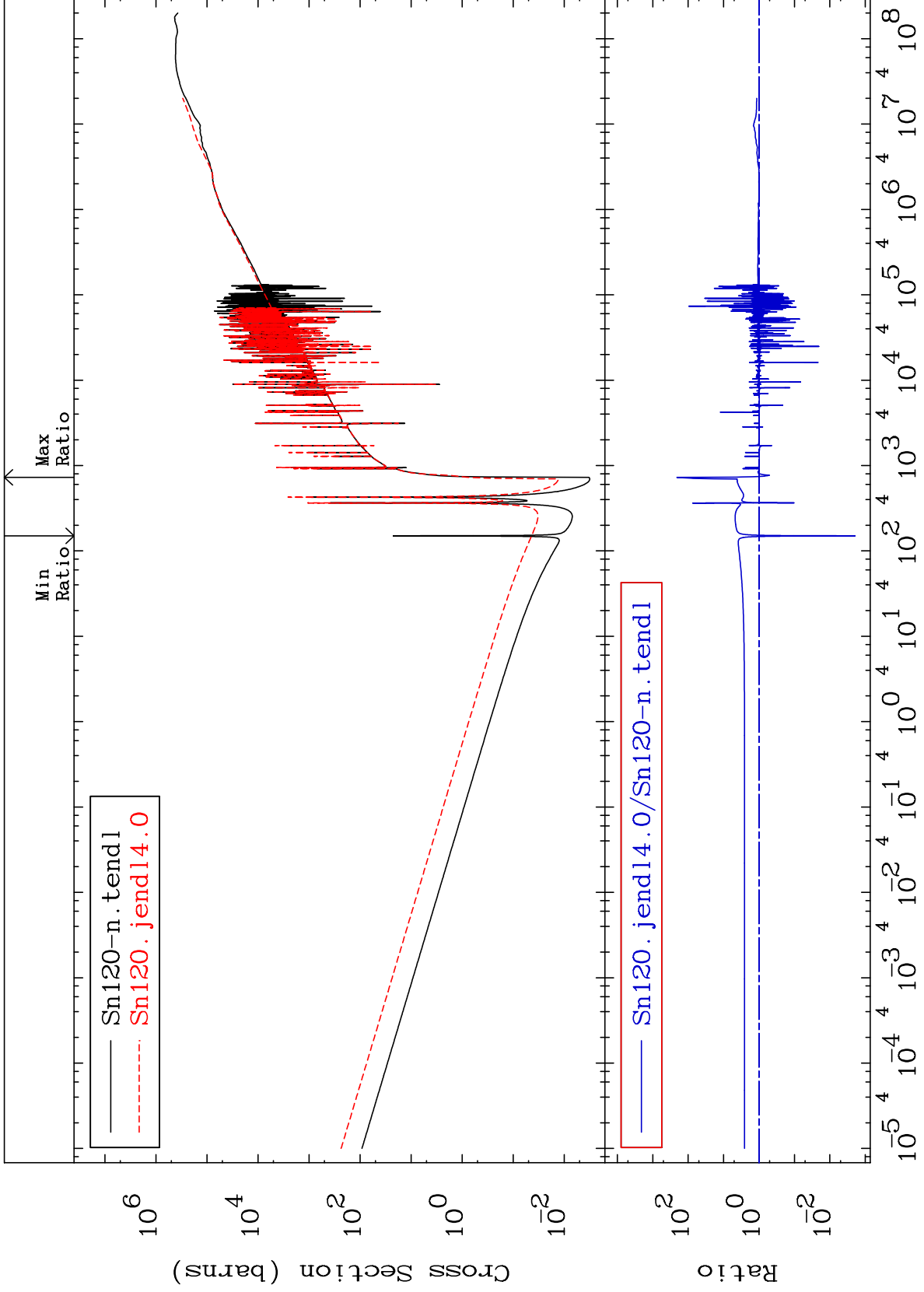
50-Sn-120
-99.93 To 2627. %



MAT 5049

Dpa total (eV-barns)
Cross Section

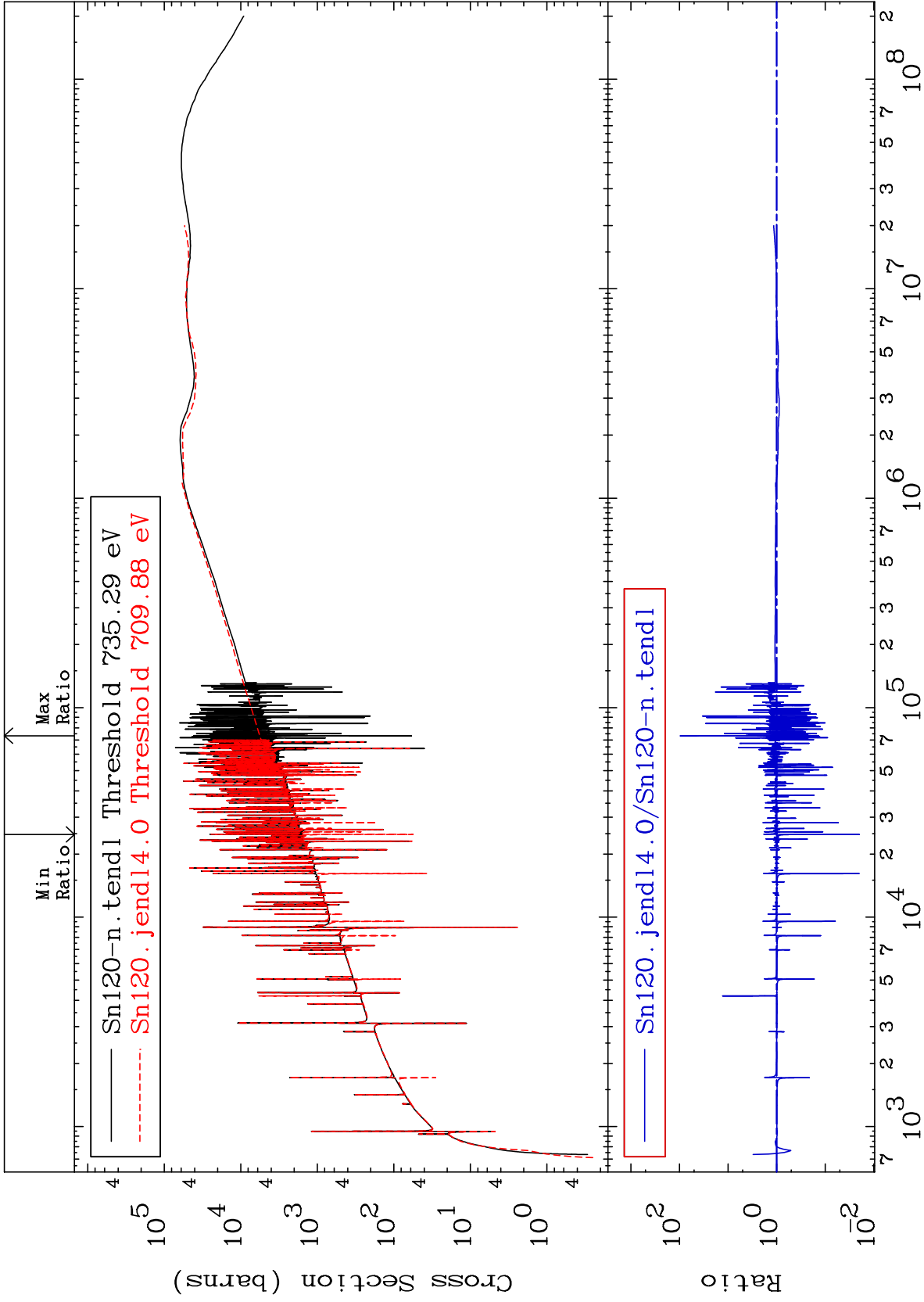
50-Sn-120
-99.81 To 9999. %



MAT 5049

Dpa elastic (mt2)
Cross Section

50-Sn-120
-98.03 To 9479. %



59

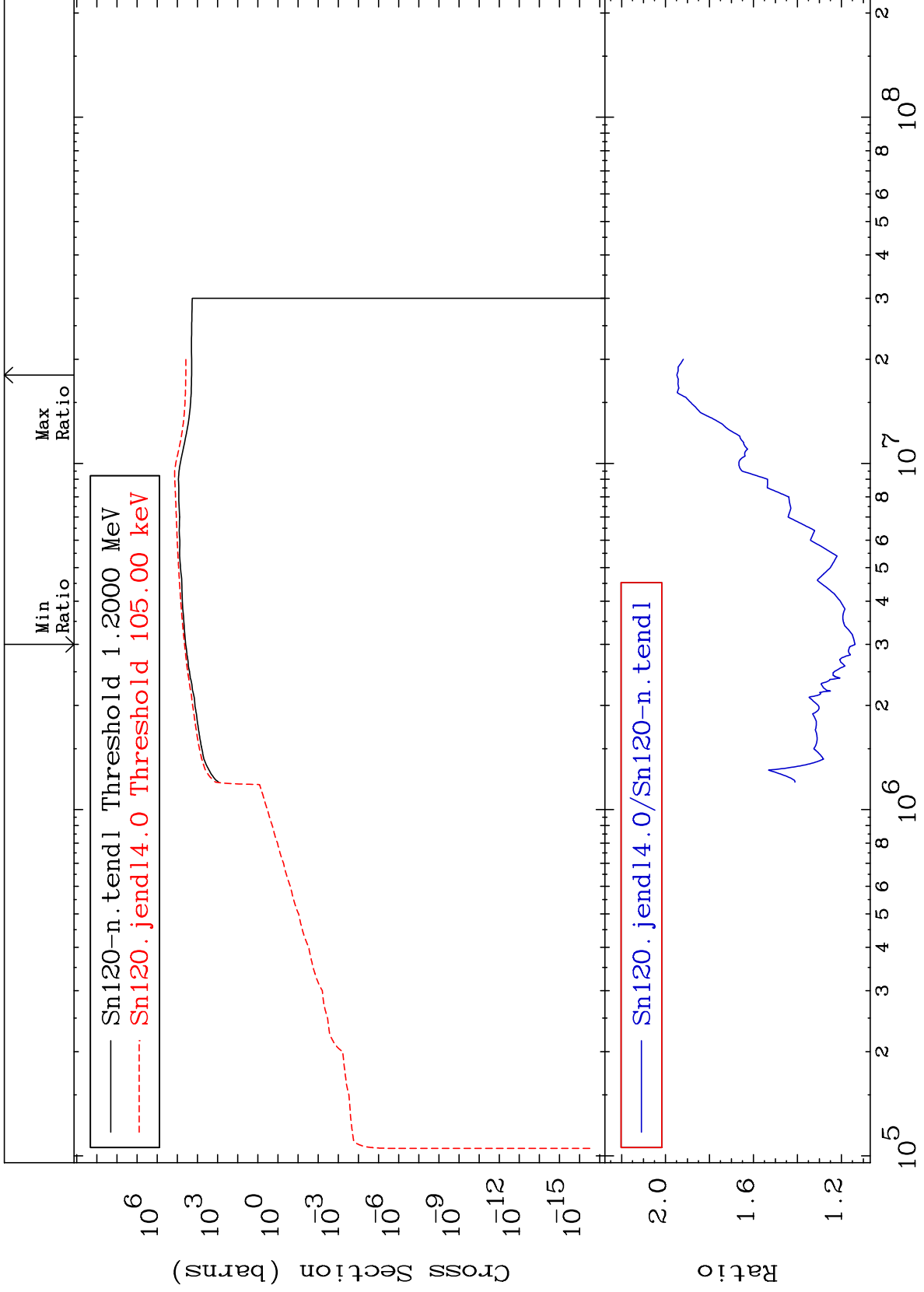
Incident Energy (eV)

50-Sn-120

MAT 5049

Dpa inelastic (mt51-91)
Cross Section

50-Sn-120
13.78 To 94.83 %



60

Incident Energy (eV)

50-Sn-120

MAT 5049

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-120
-99.81 To 9999. %

