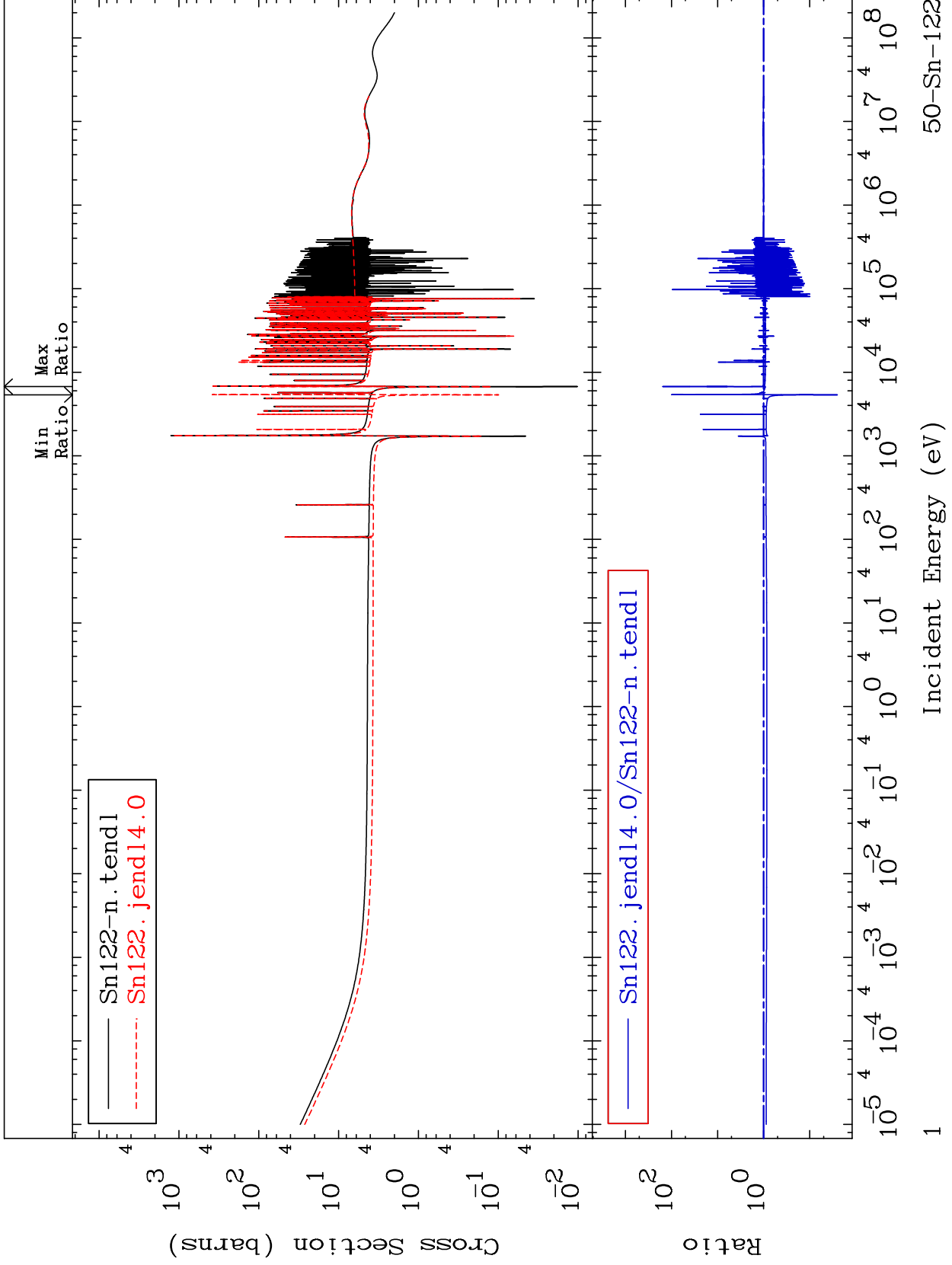


MAT 5055

Total
Cross Section

50-Sn-122
-97.48 To 9999. %

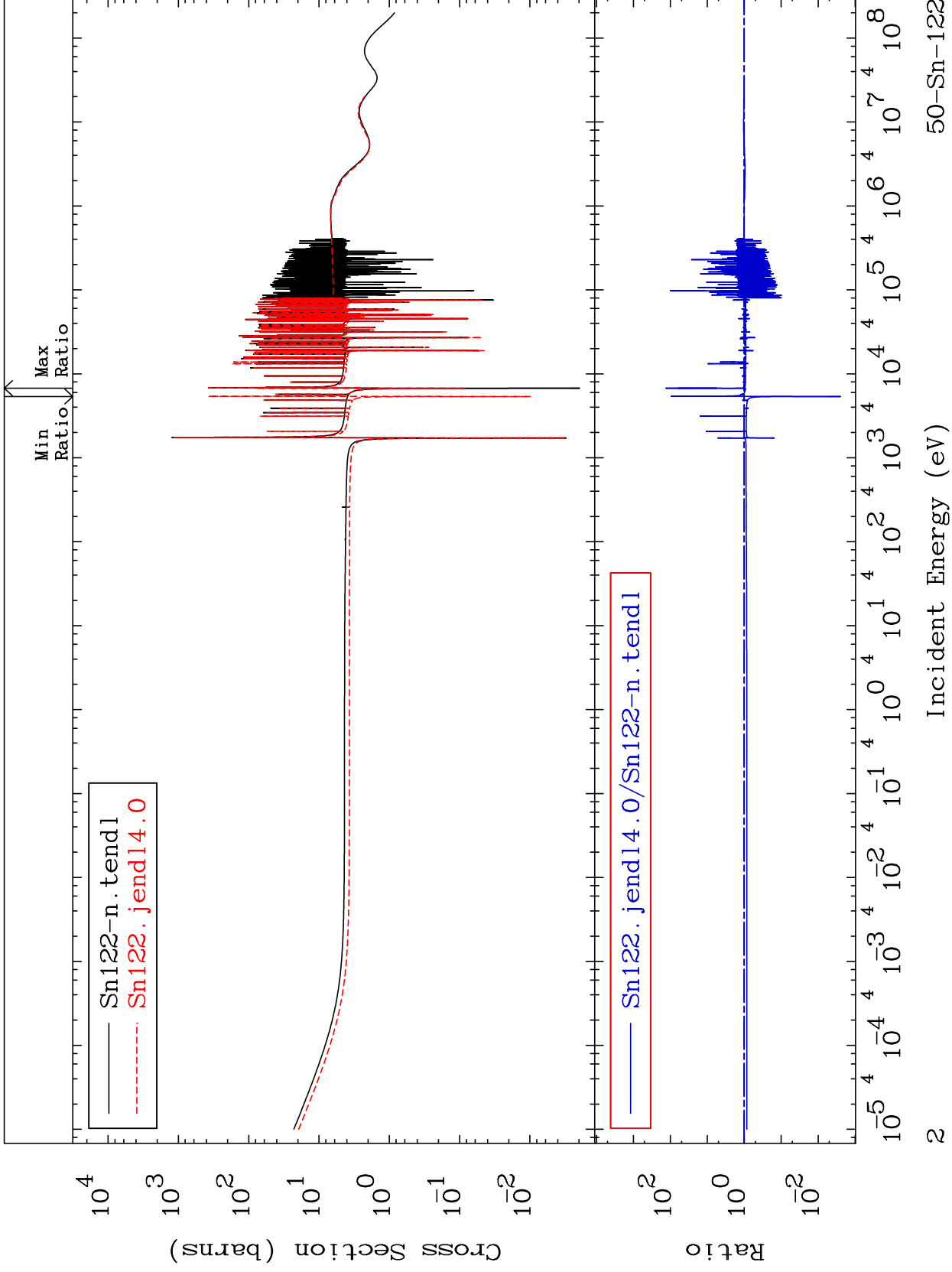


50-Sn-122

MAT 5055

Elastic
Cross Section

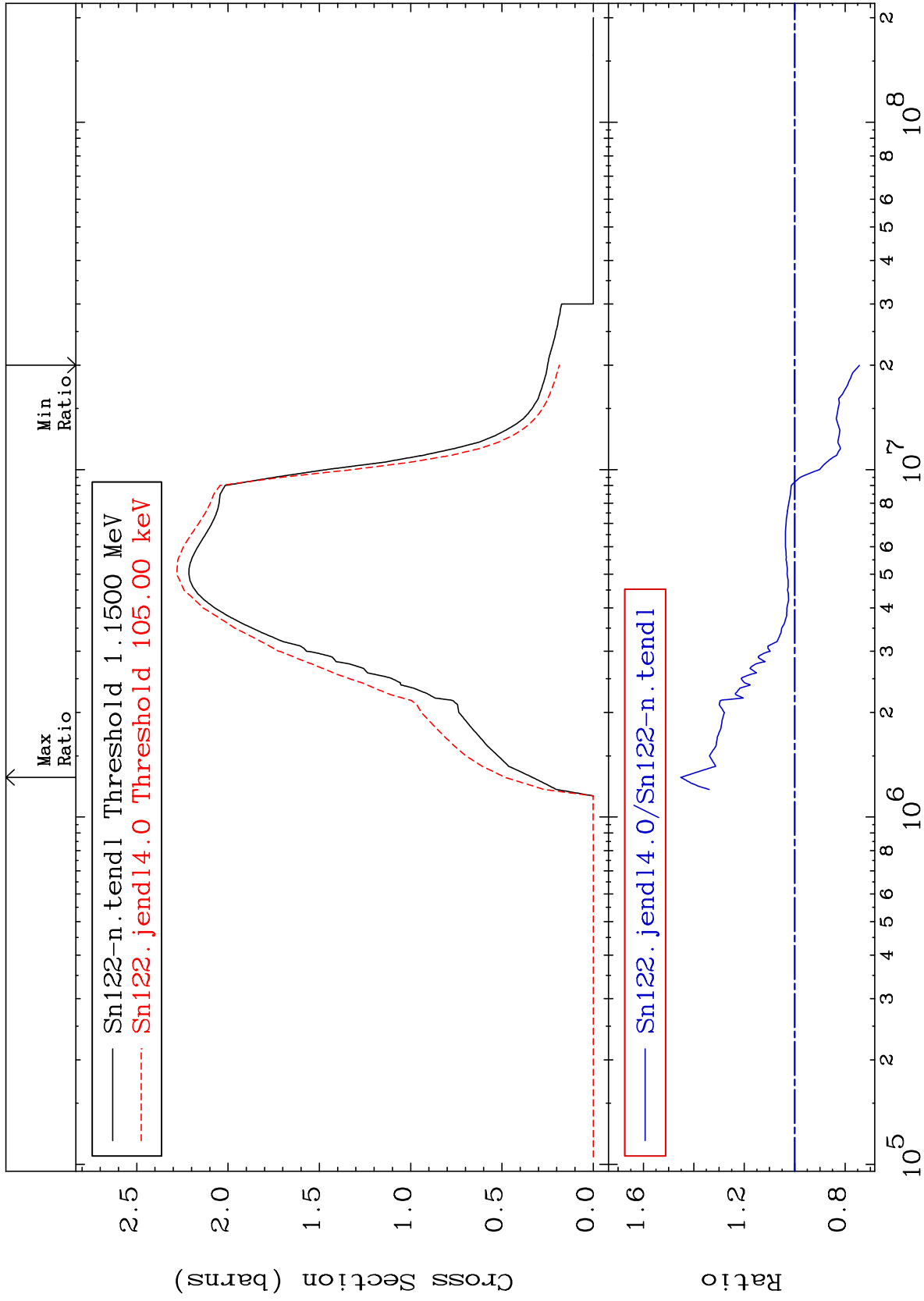
50-Sn-122
-99.75 To 9999. %



MAT 5055

Inelastic
Cross Section

50-Sn-122
-25.71 To 45.17 %



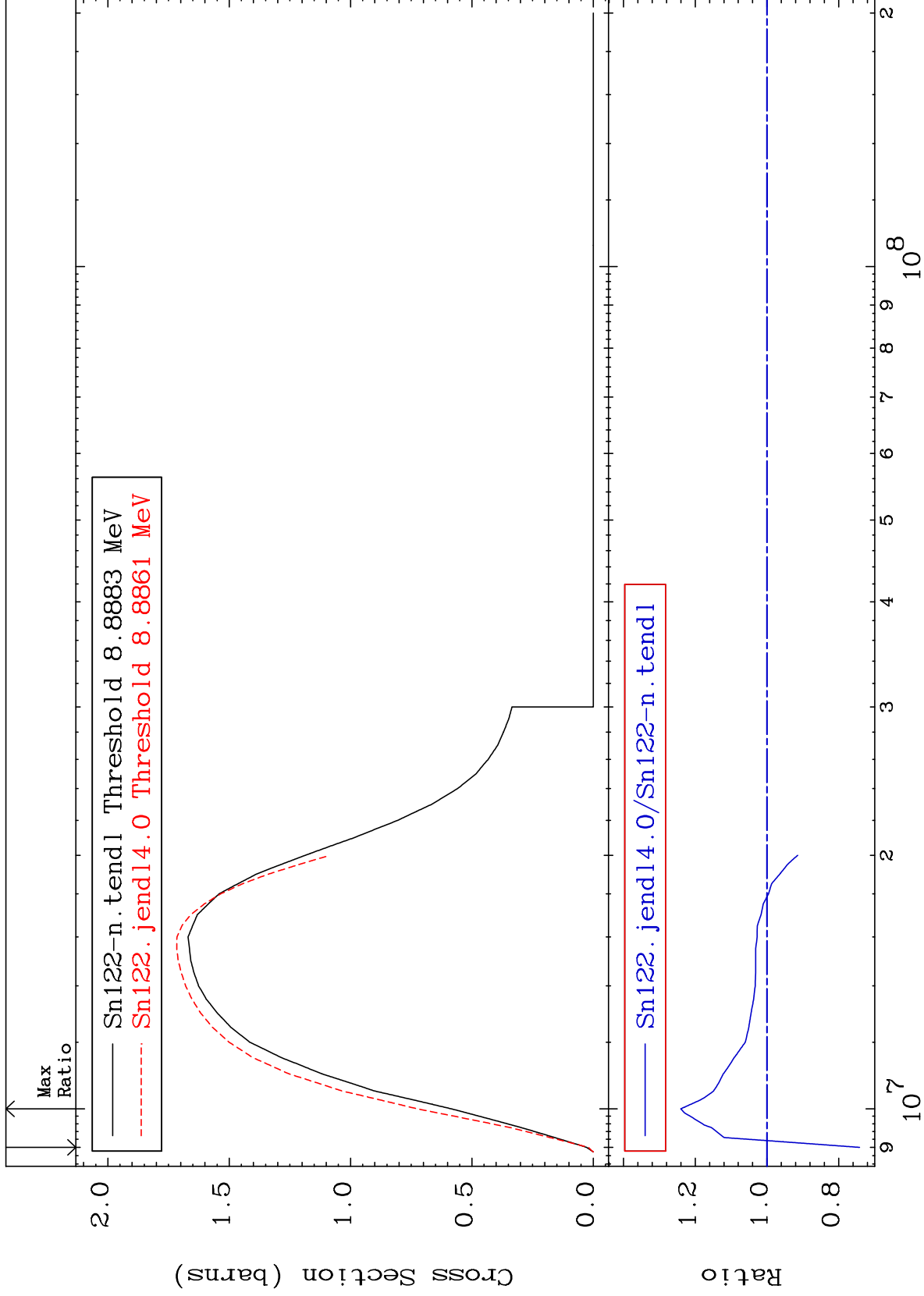
Incident Energy (eV)

50-Sn-122

MAT 5055

(n,2n)
Cross Section

50-Sn-122
-25.81 To 24.04 %



4

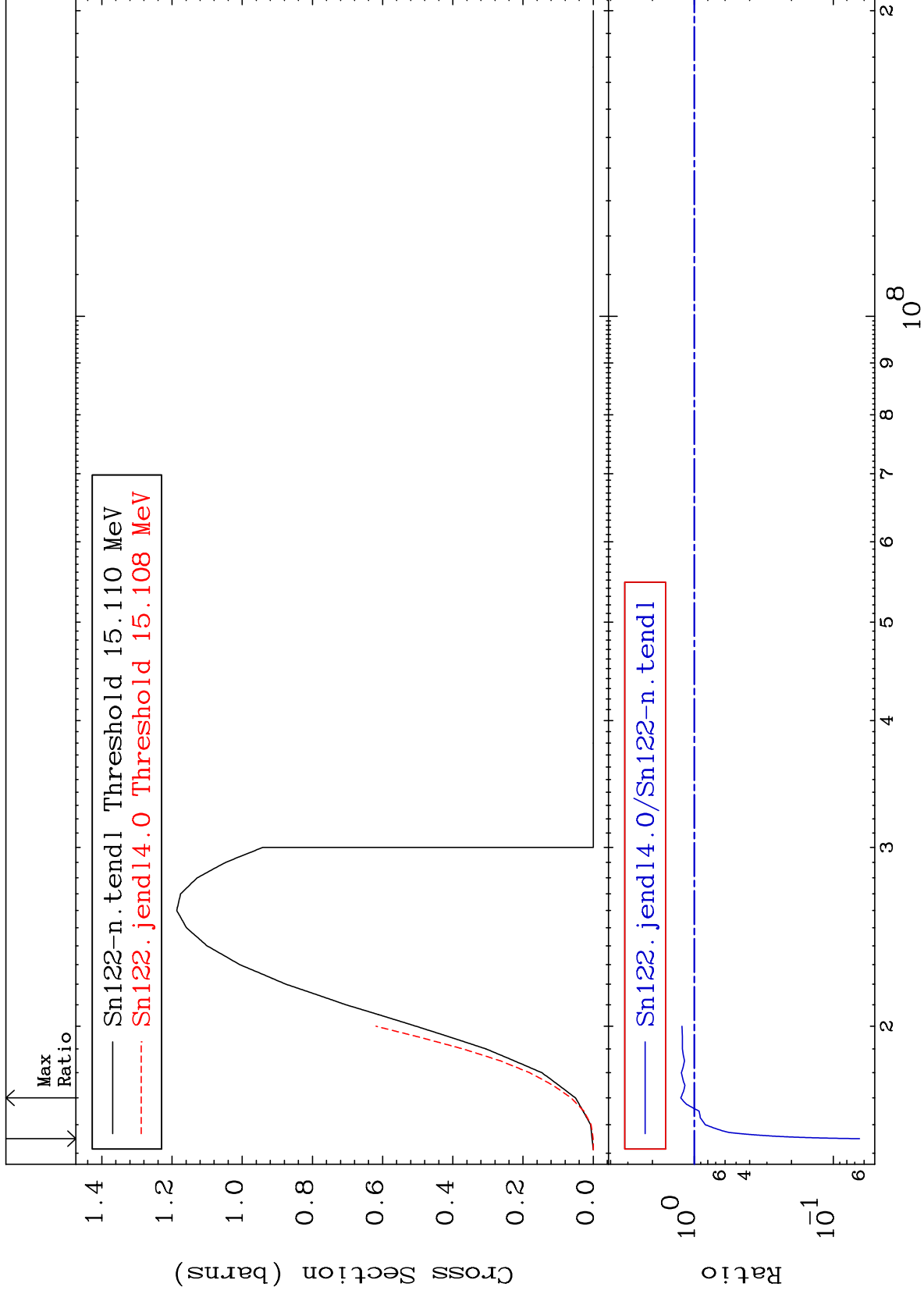
50-Sn-122

50-Sn-122

MAT 5055

(n,3n)
Cross Section

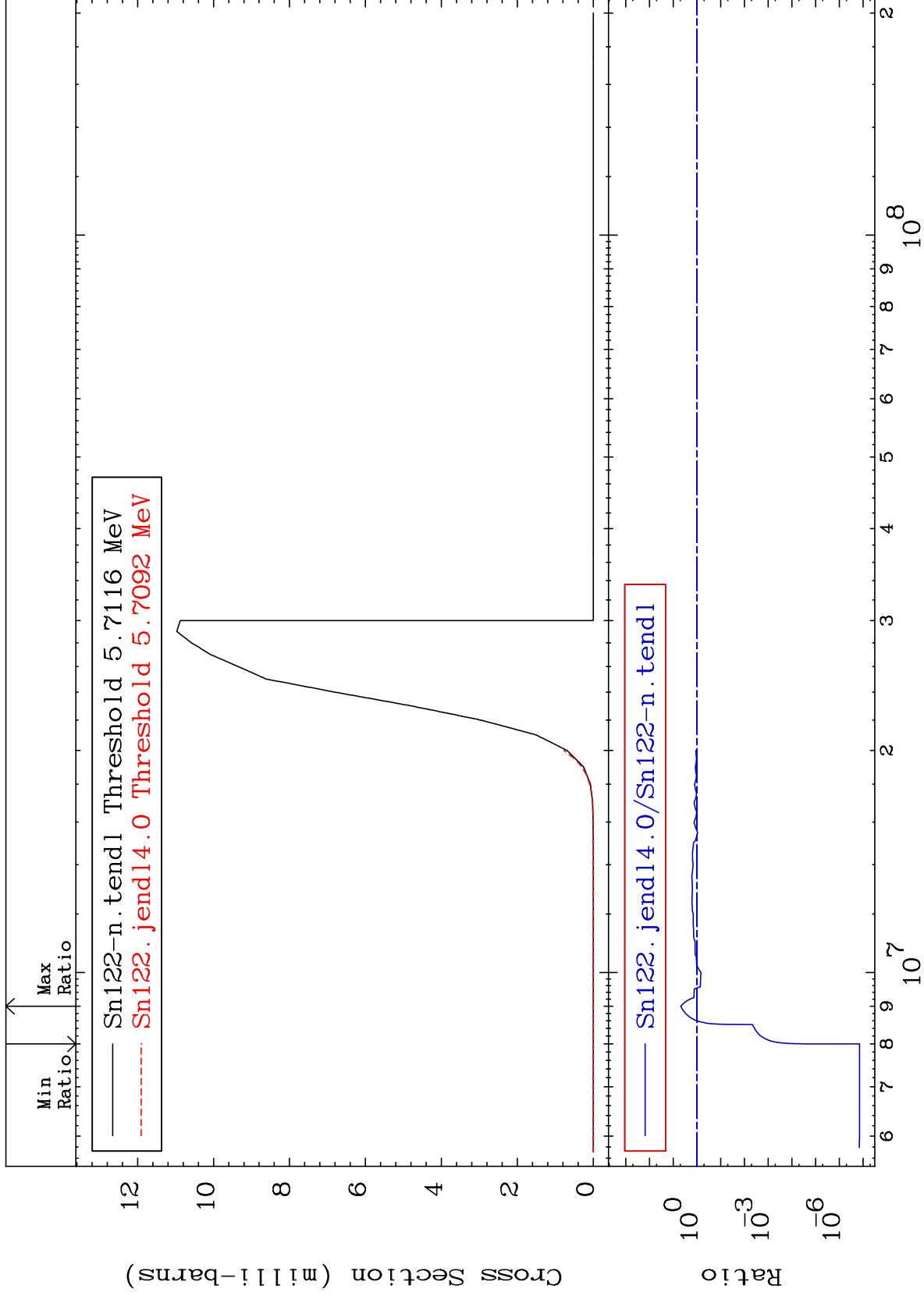
50-Sn-122
-93.52 To 24.99 %



MAT 5055

(n, n') α
Cross Section

50-Sn-122
-100.0 To 381.3 %



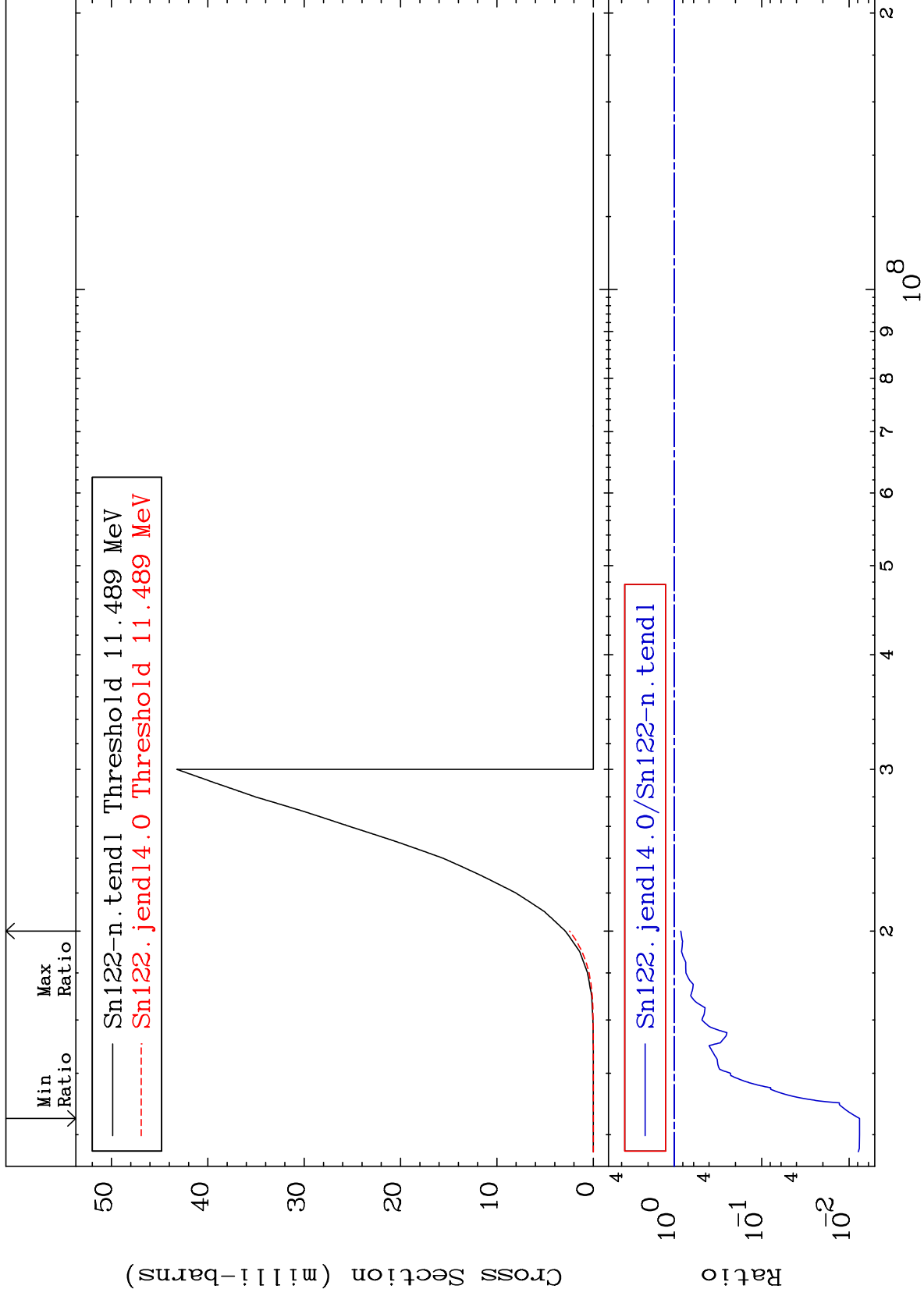
6

50-Sn-122

MAT 5055

(n,n') p
Cross Section

50-Sn-122
-99.24 To -15.61%



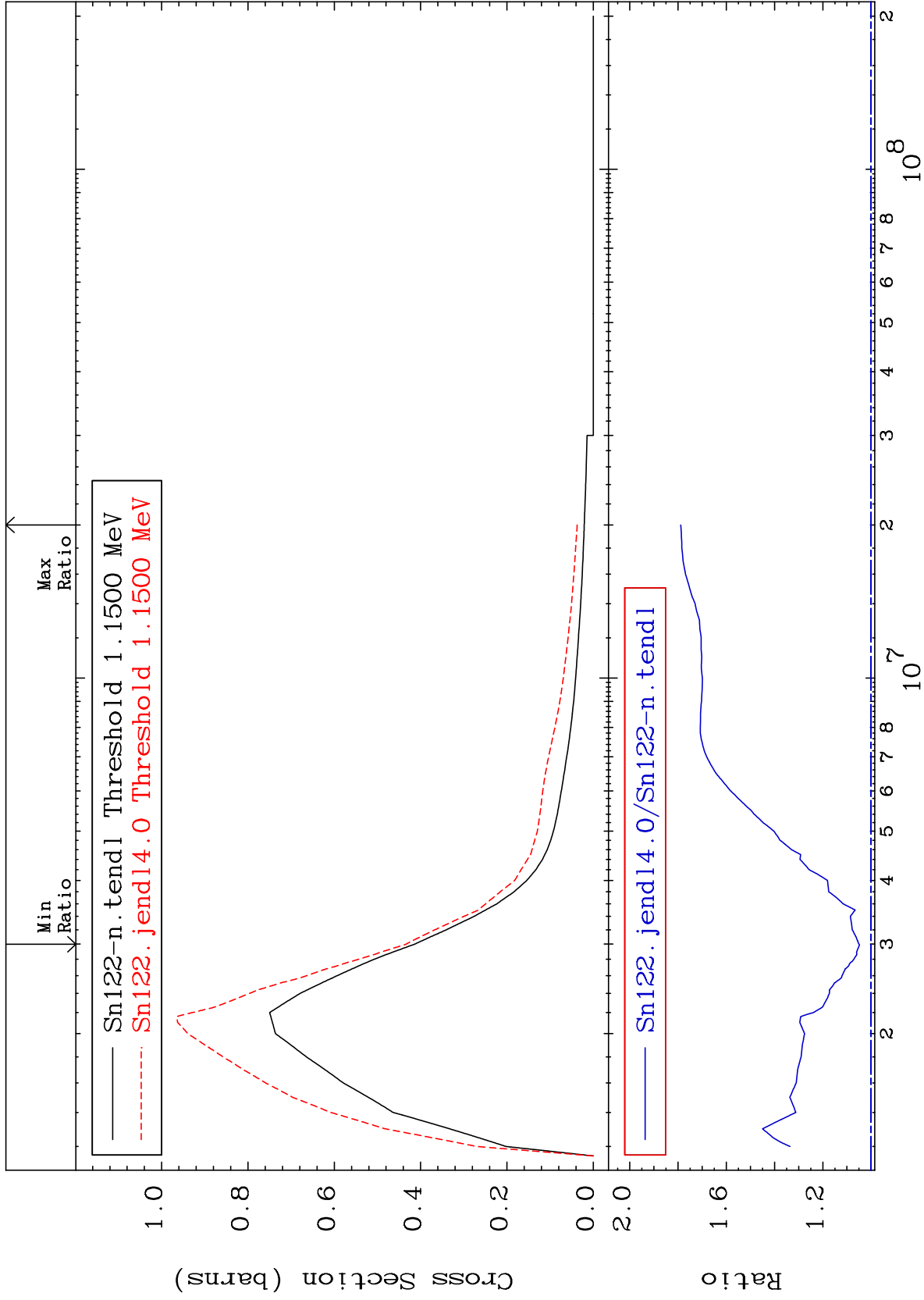
MAT 5055

1.141 MeV (n,n') Level

50-Sn-122

4.776 To 78.87 %

Cross Section

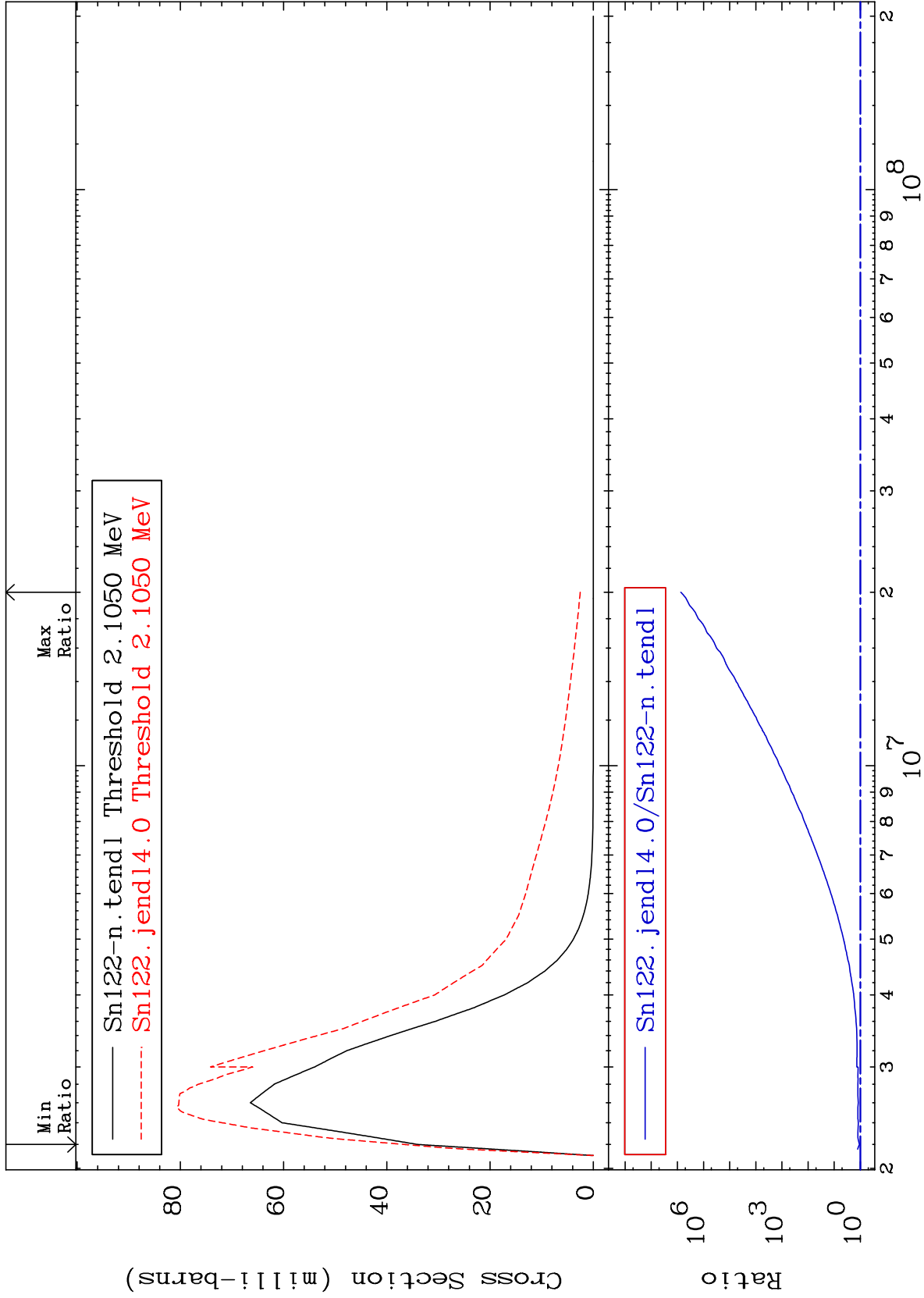


MAT 5055

2.088 MeV (n,n') Level

50-Sn-122

Cross Section
7.467 To 9999. %



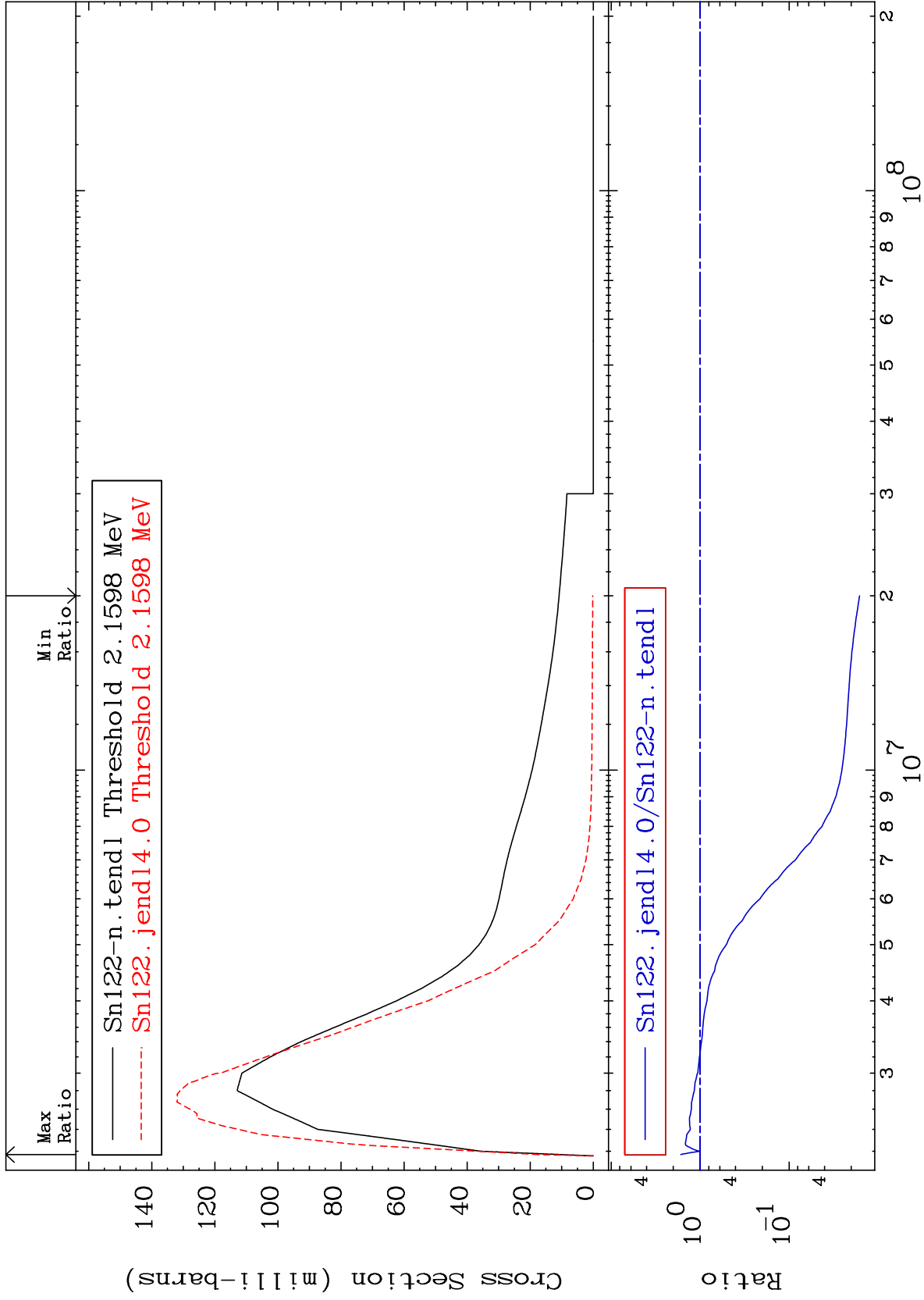
MAT 5055

2.142 MeV (n,n') Level

50-Sn-122

-98.38 To 64.96 %

Cross Section



10

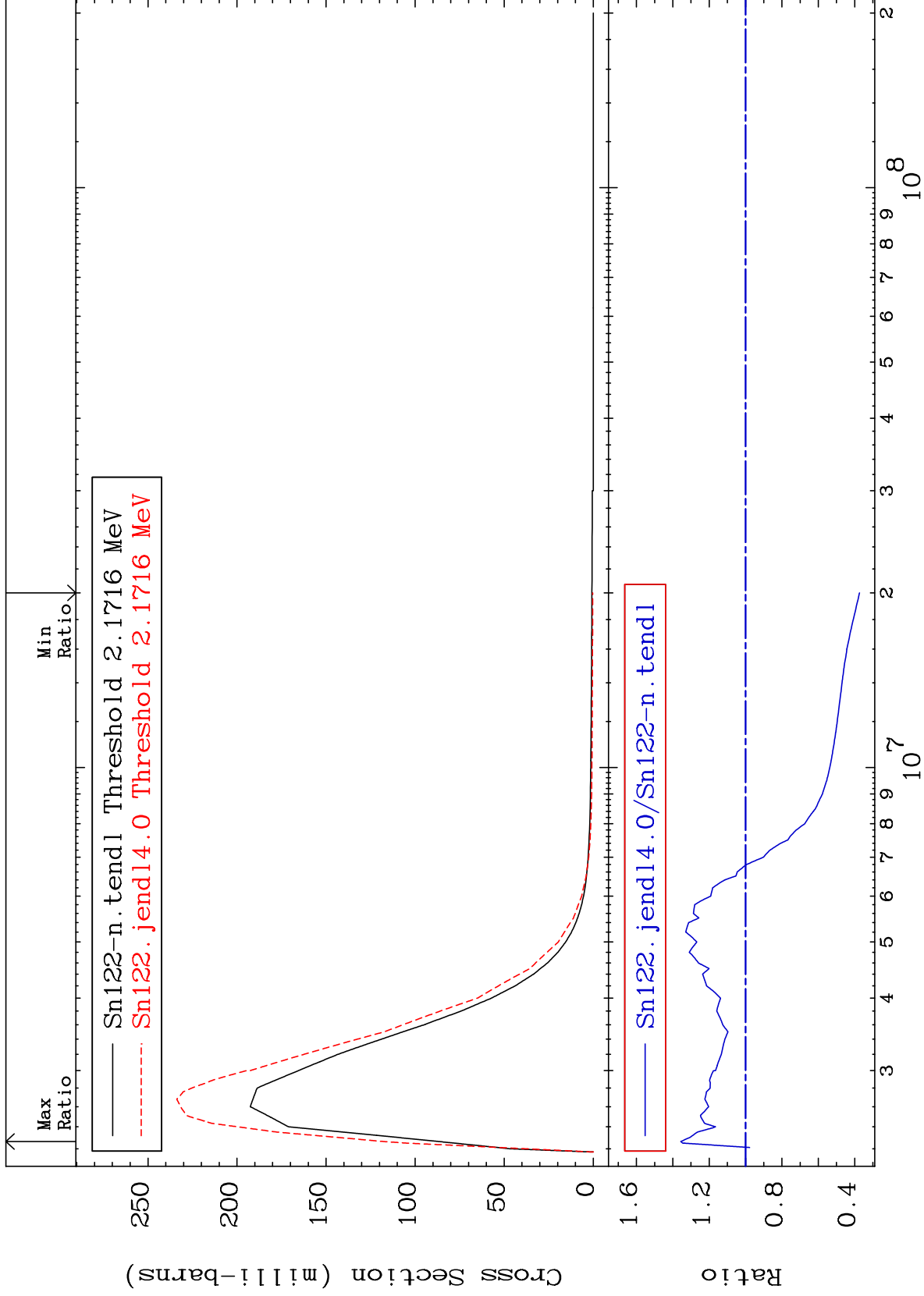
Incident Energy (eV)

50-Sn-122

MAT 5055

2.154 MeV (n,n') Level
Cross Section

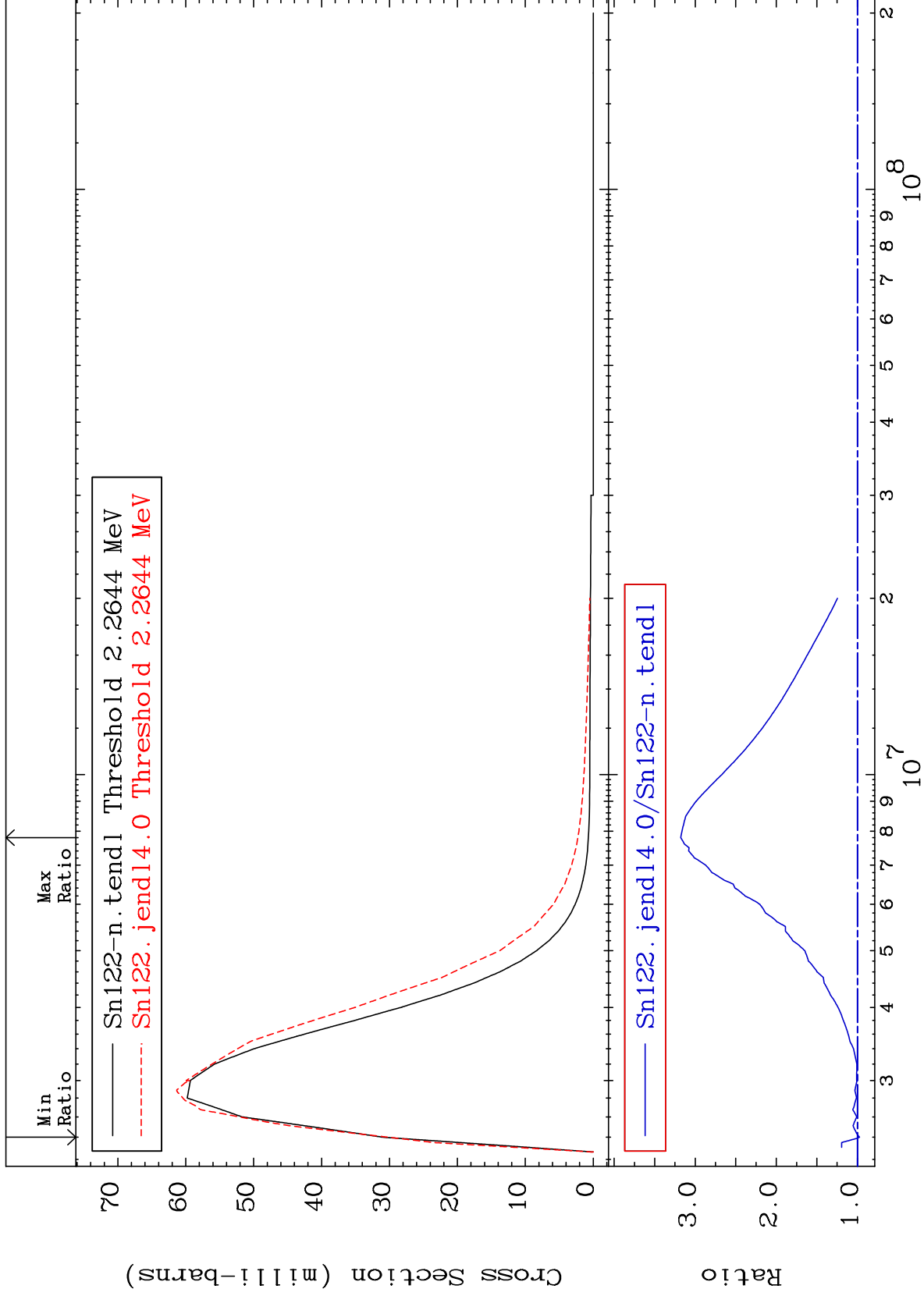
50-Sn-122
-62.67 To 35.63 %



MAT 5055

2.246 MeV (n,n') Level
Cross Section

50-Sn-122
-2.635 To 217.8 %



12

Incident Energy (eV)

50-Sn-122

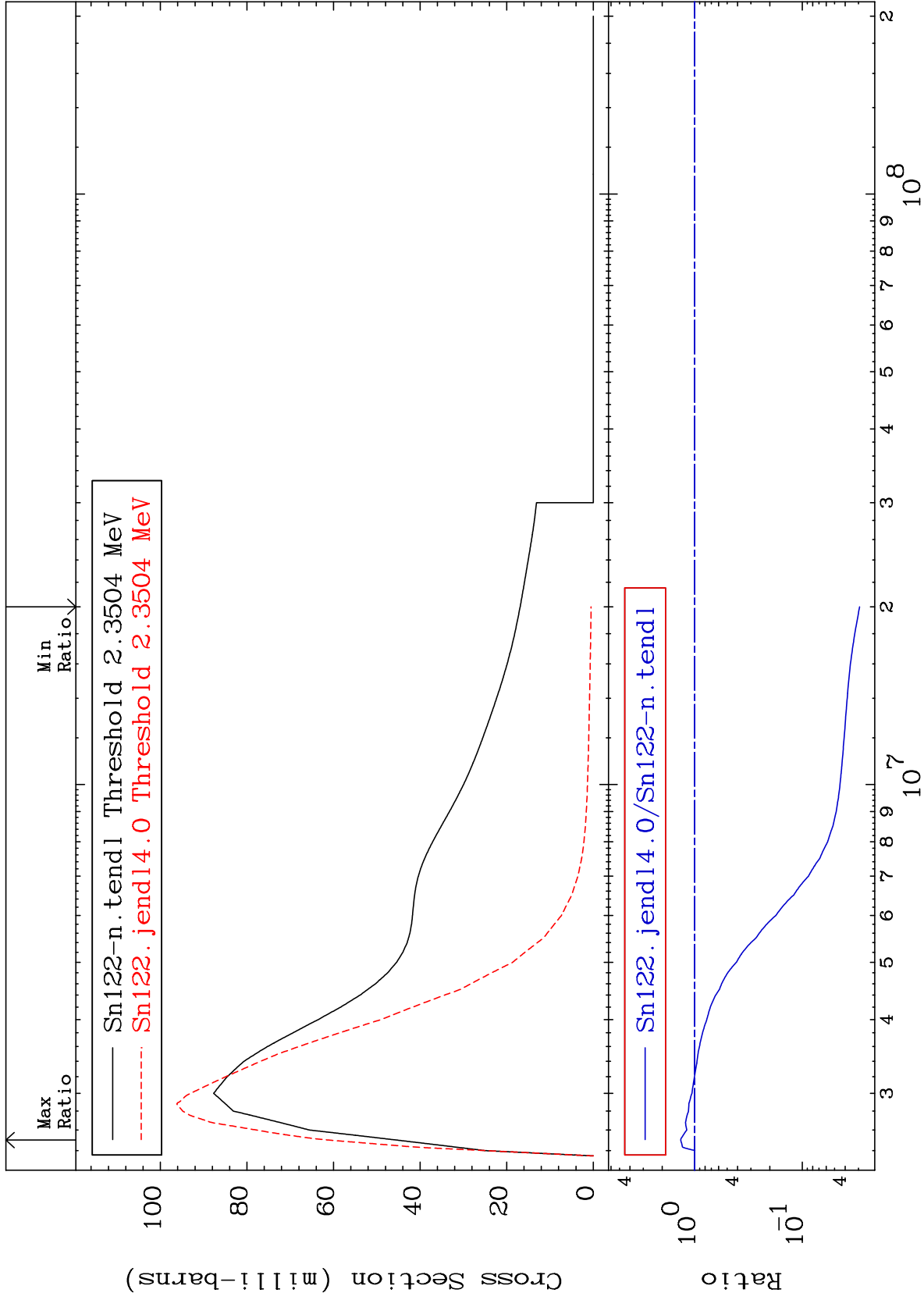
MAT 5055

2.331 MeV (n,n') Level

50-Sn-122

-97.07 To 34.69 %

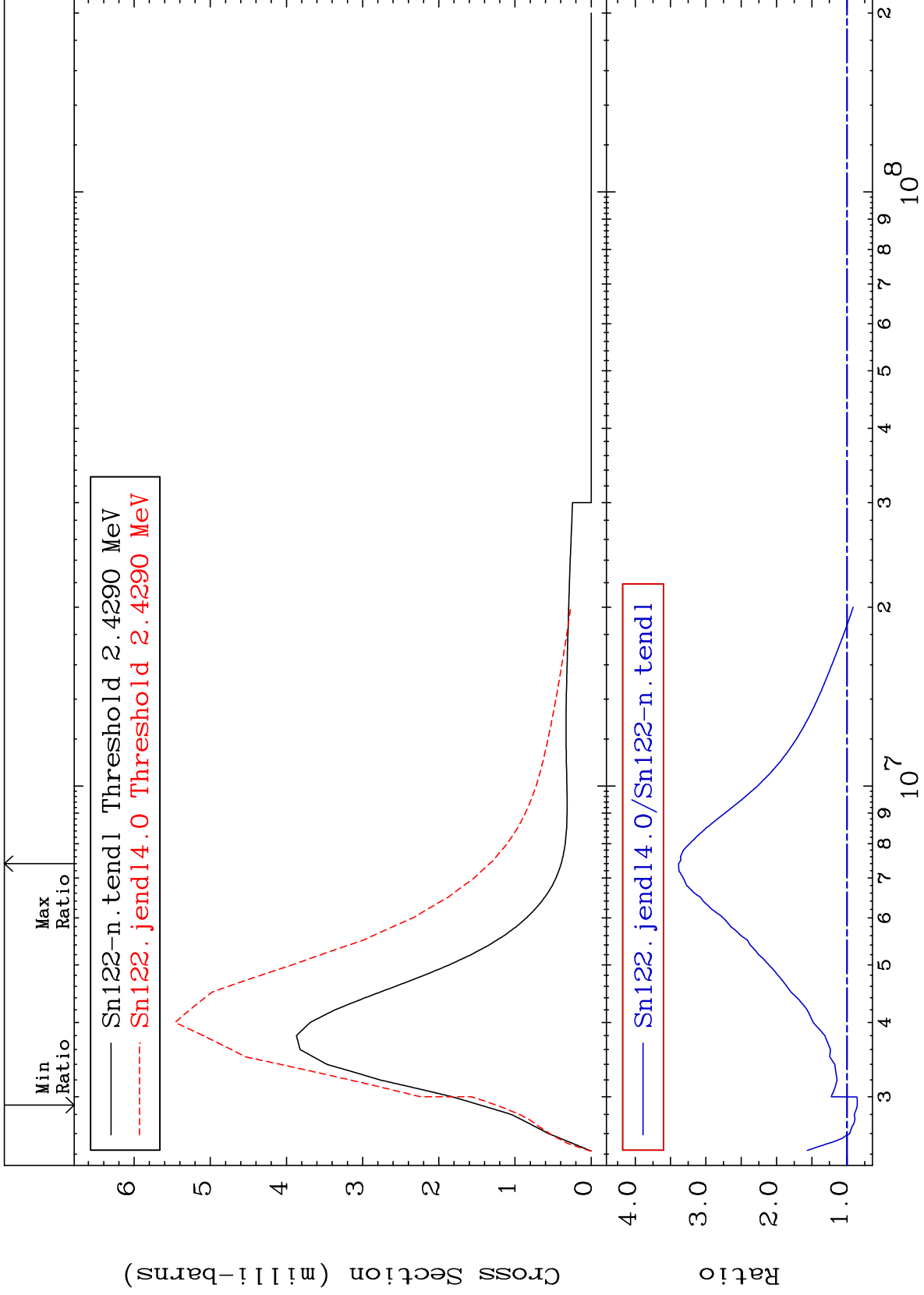
Cross Section



MAT 5055

2.409 MeV (n,n') Level
Cross Section

50-Sn-122
-14.34 To 238.6 %

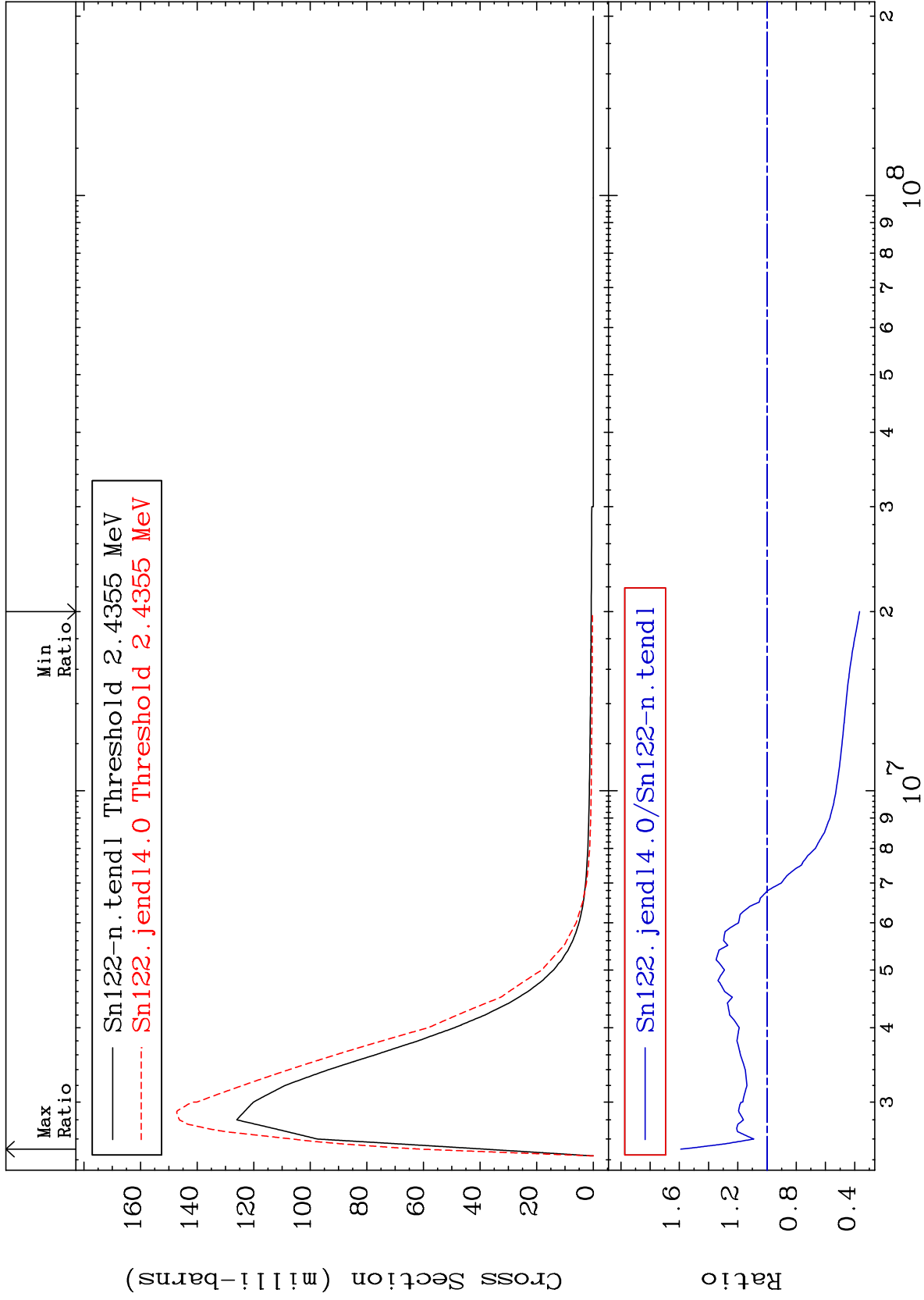


MAT 5055

2.416 MeV (n,n') Level

50-Sn-122

-63.30 To 59.03 %



15

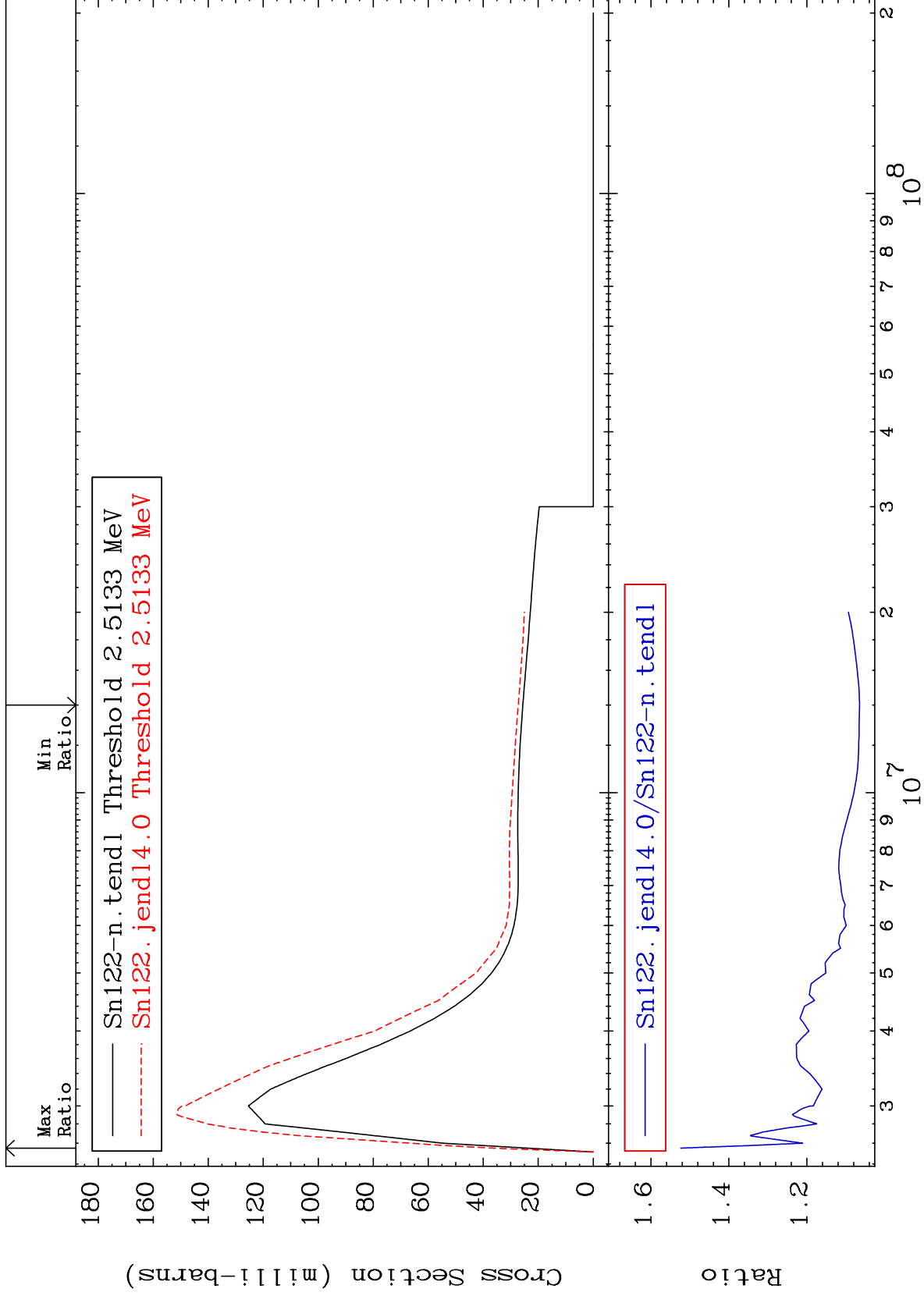
Incident Energy (eV)

50-Sn-122

MAT 5055

2.493 MeV (n,n') Level
Cross Section

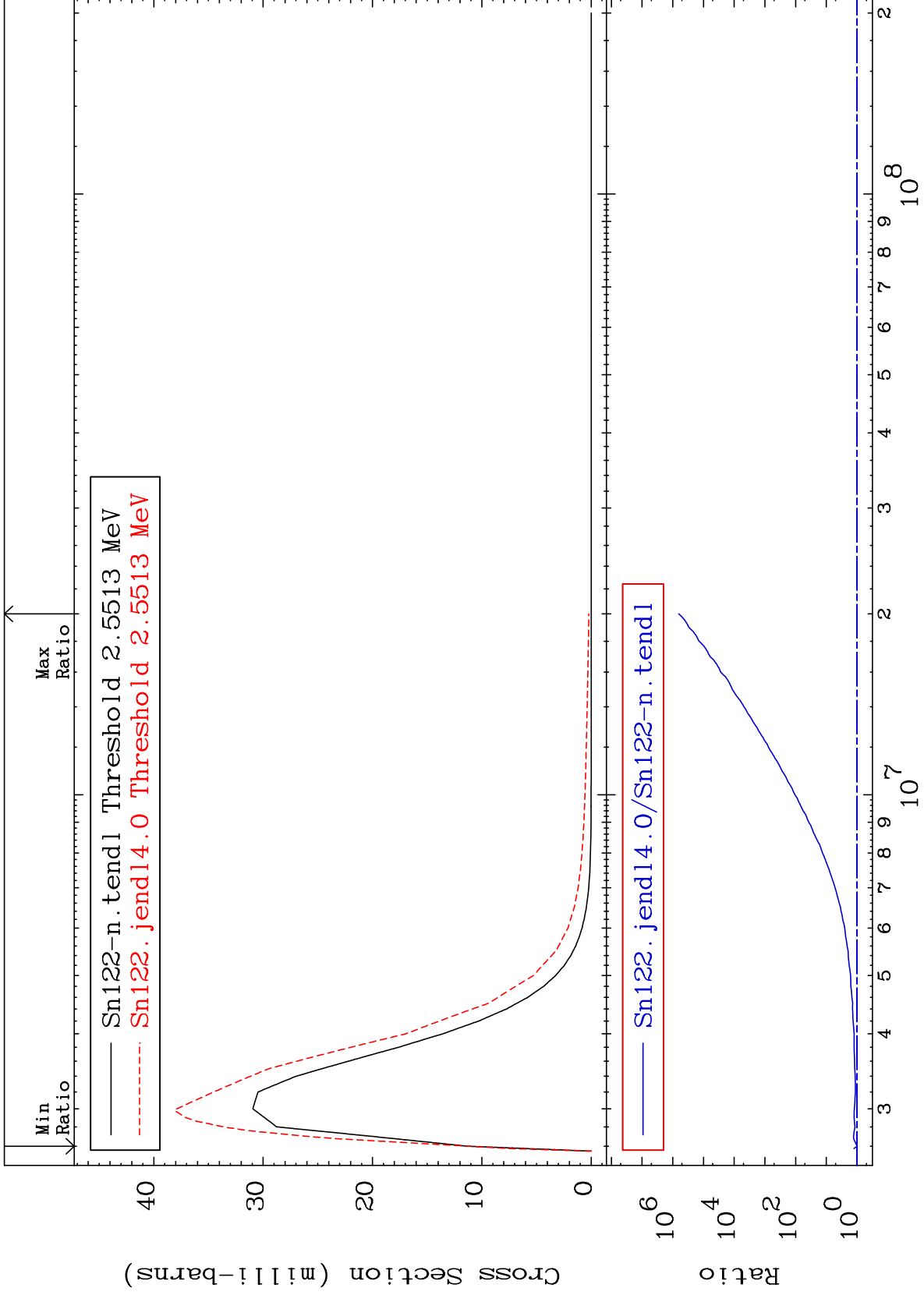
50-Sn-122
To 52.35 %



MAT 5055

2.530 MeV (n,n') Level
Cross Section

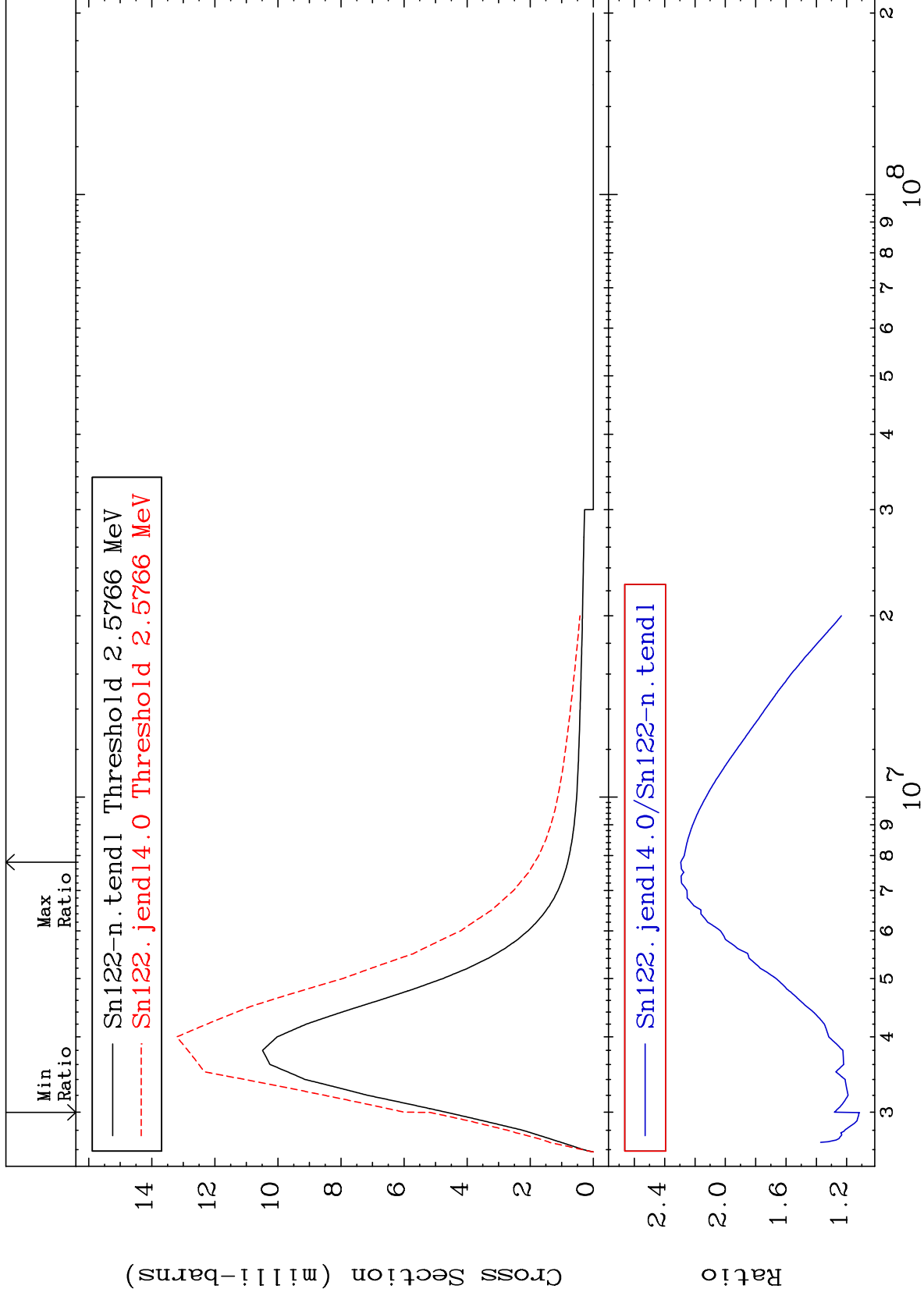
50-Sn-122
-1.423 To 9999. %



MAT 5055

2.555 MeV (n,n') Level
Cross Section

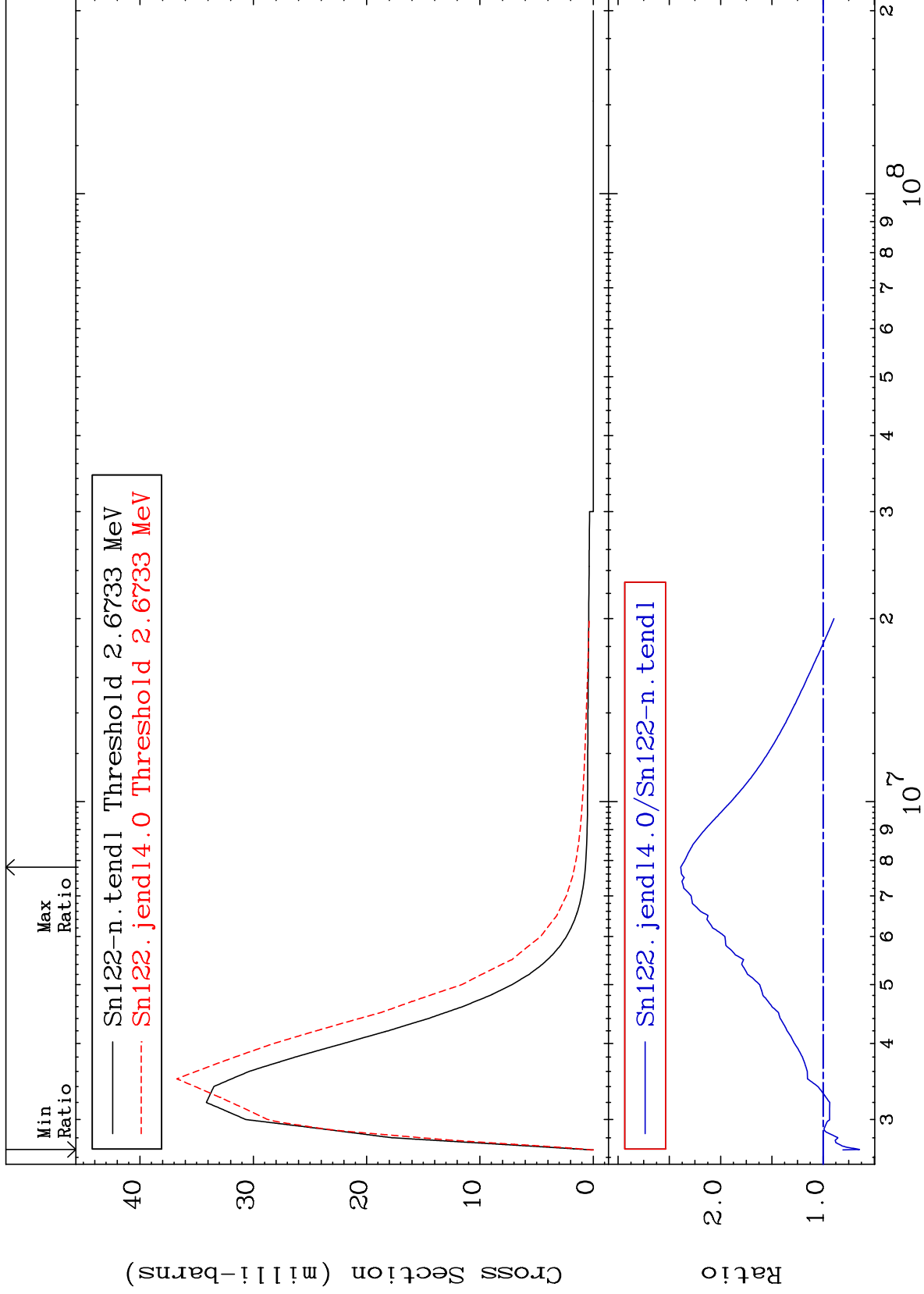
11.52 To 129.4 %
50-Sn-122



MAT 5055

2.651 MeV (n,n') Level
Cross Section

50-Sn-122
-35.58 To 138.9 %



19

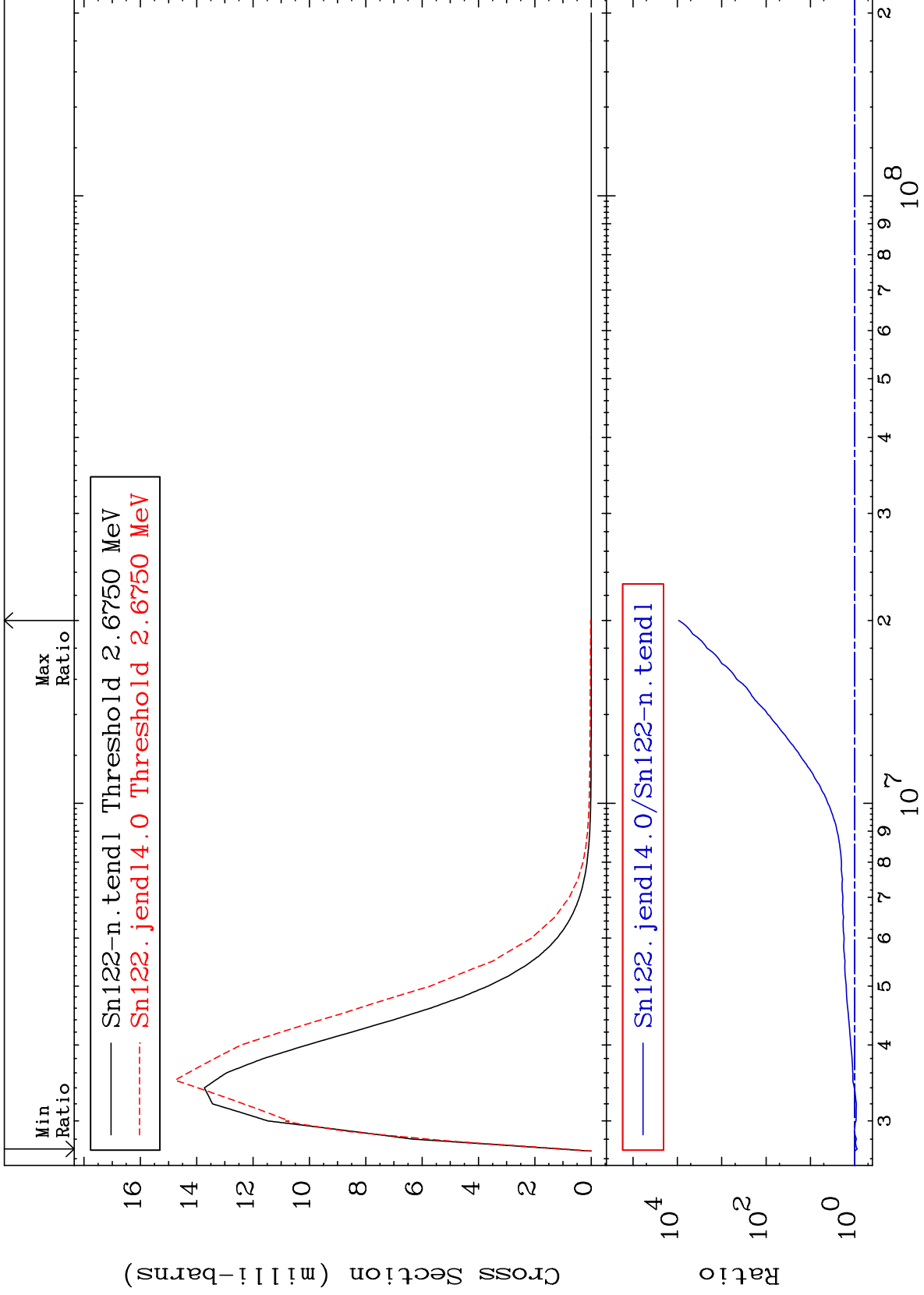
Incident Energy (eV)

50-Sn-122

MAT 5055

2.653 MeV (n,n') Level
Cross Section

50-Sn-122
-12.18 To 9999. %



20

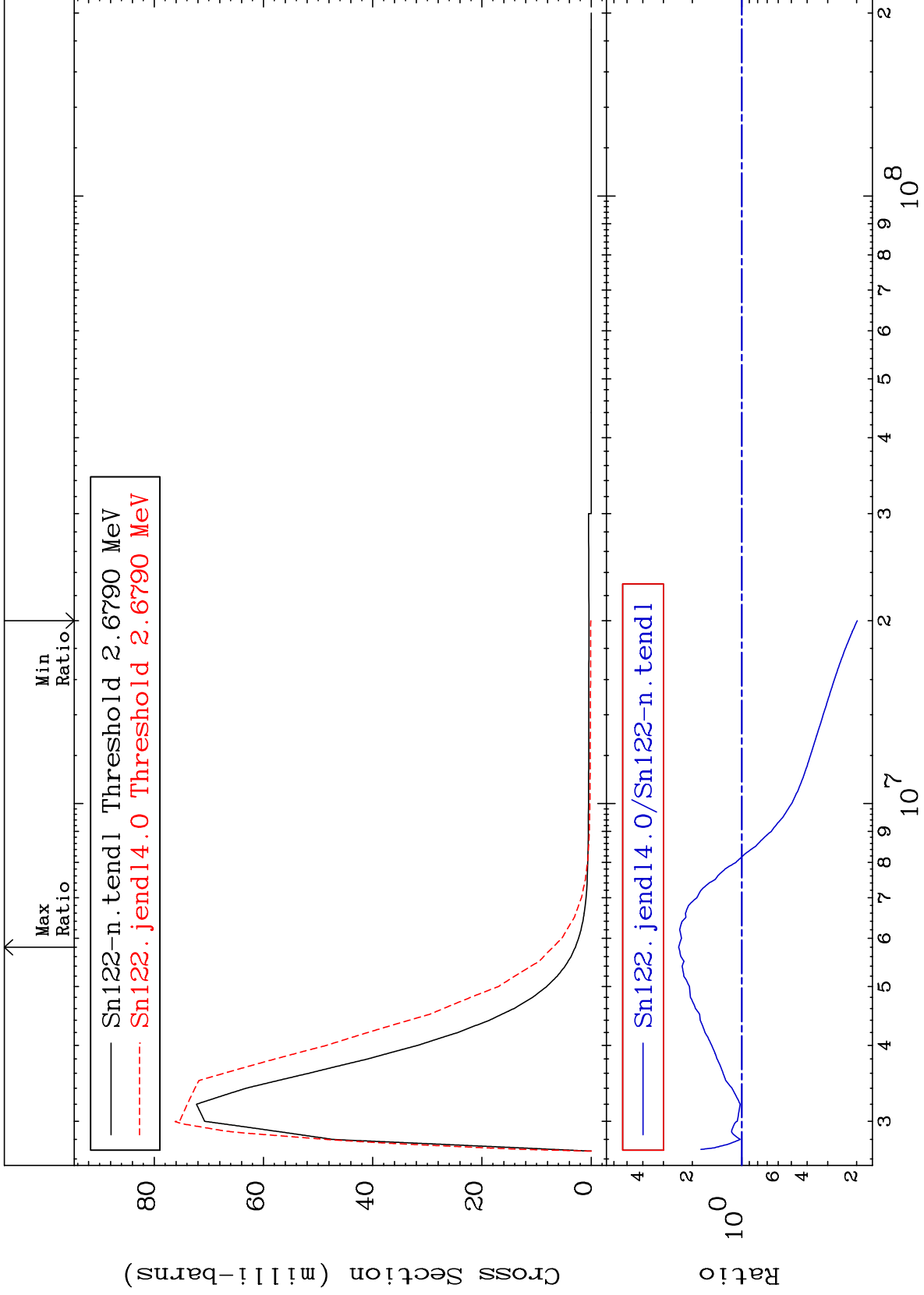
Incident Energy (eV)

50-Sn-122

MAT 5055

2.657 MeV (n,n') Level
Cross Section

50-Sn-122
-80.19 To 142.4 %

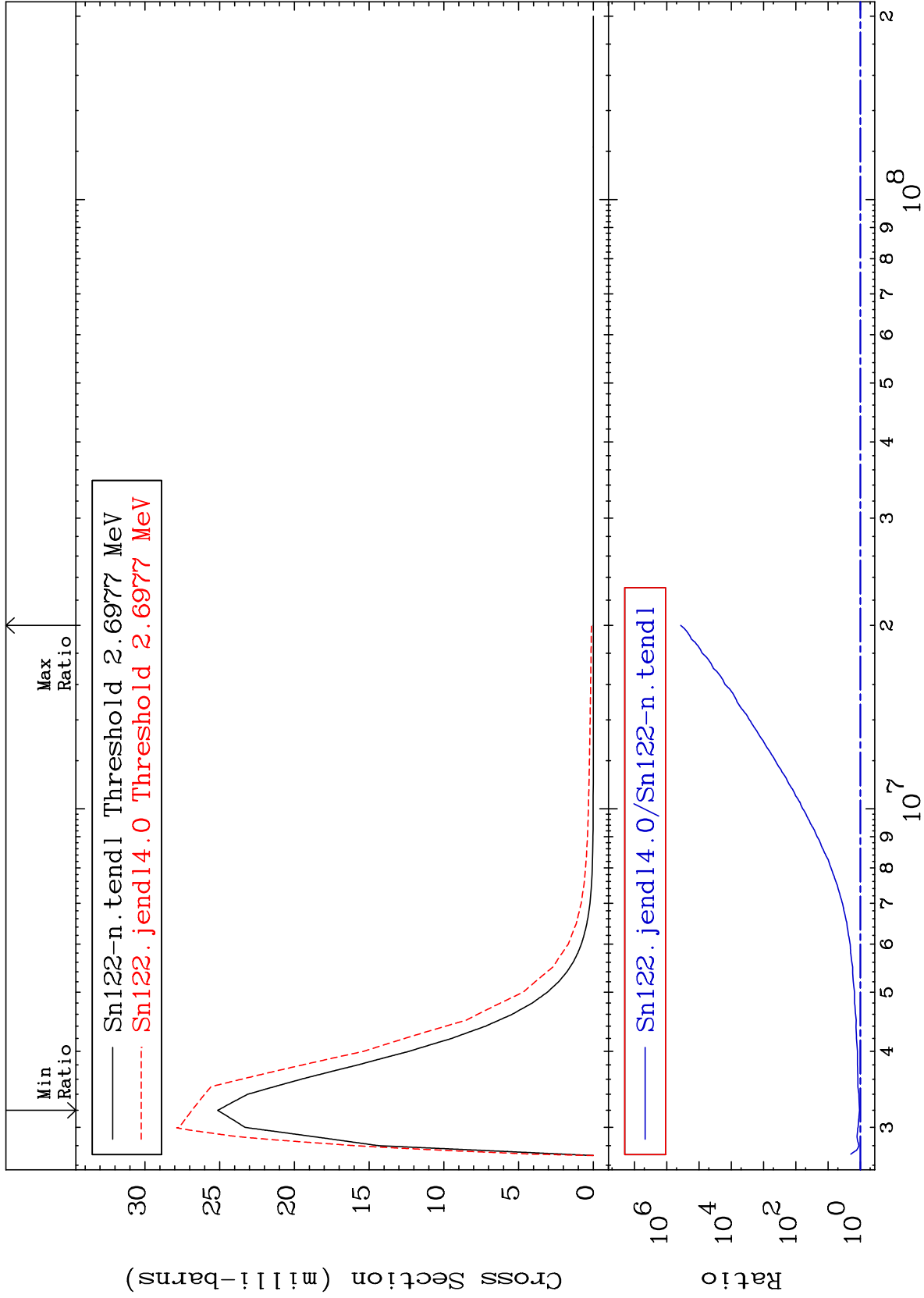


MAT 5055

2.676 MeV (n,n') Level

50-Sn-122

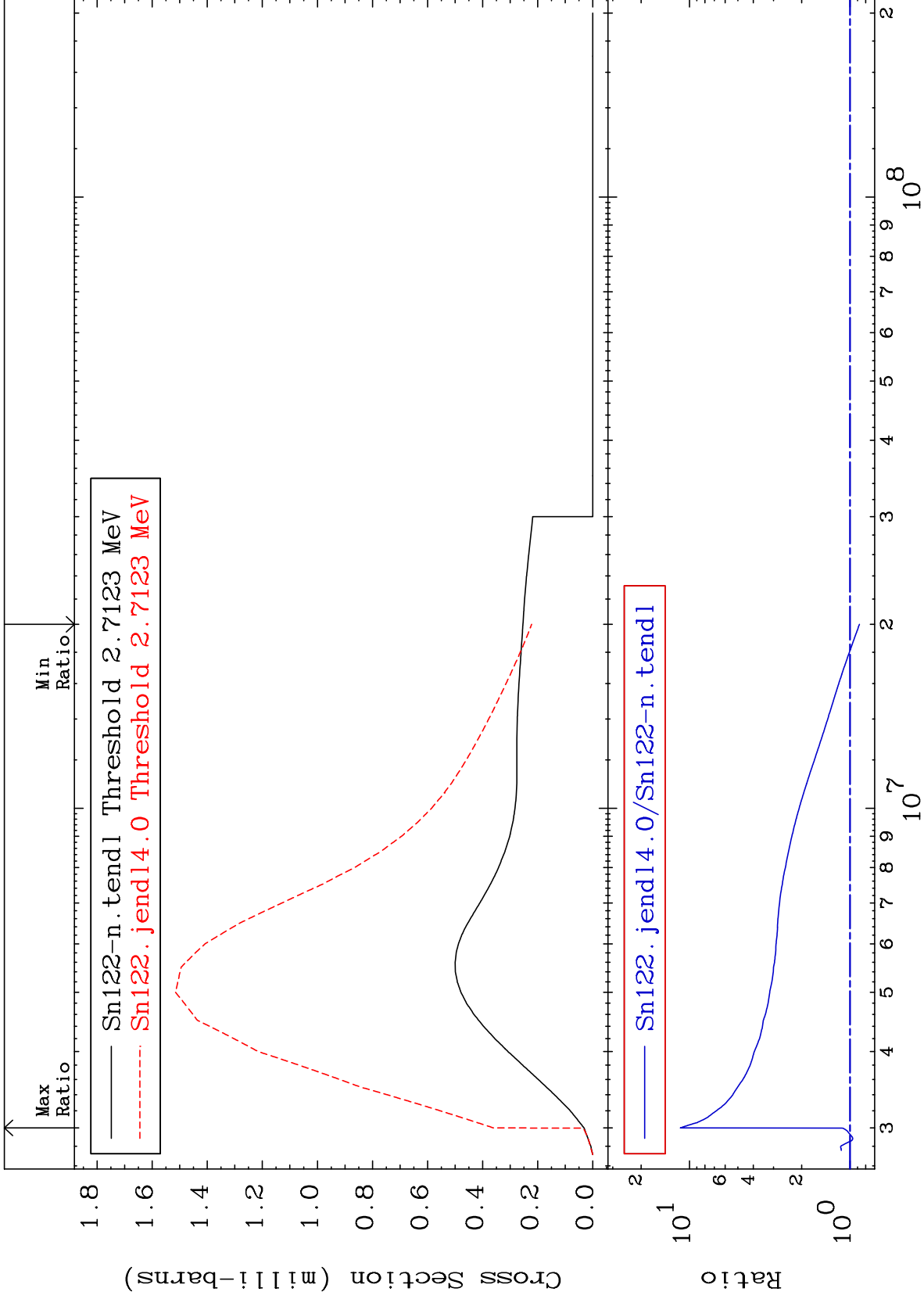
6.855 To 9999. %
Cross Section



MAT 5055

2.690 MeV (n,n') Level
Cross Section

50-Sn-122
-12.52 To 1039. %

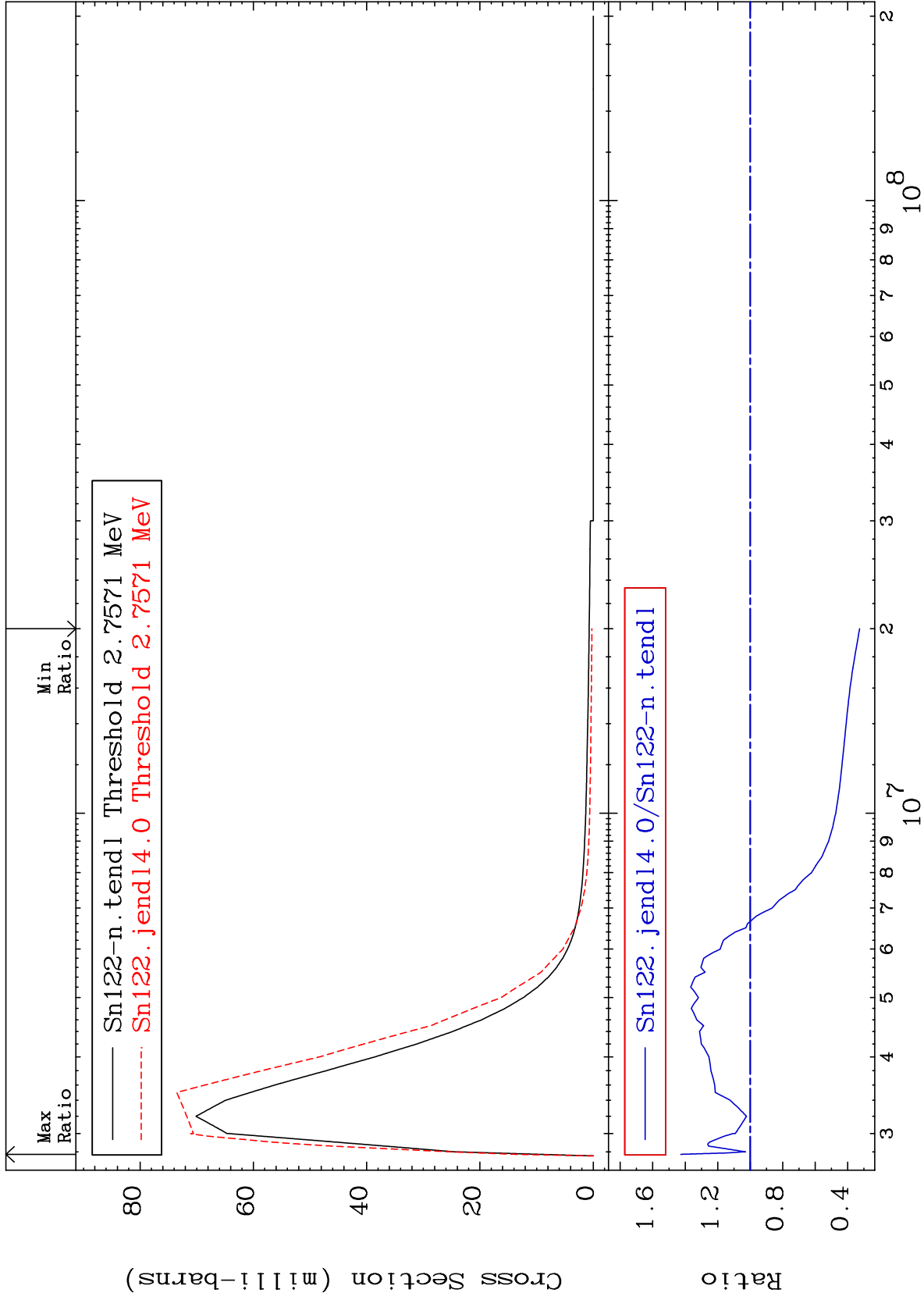


MAT 5055

2.734 MeV (n,n') Level

50-Sn-122

-67.28 To 42.74 %



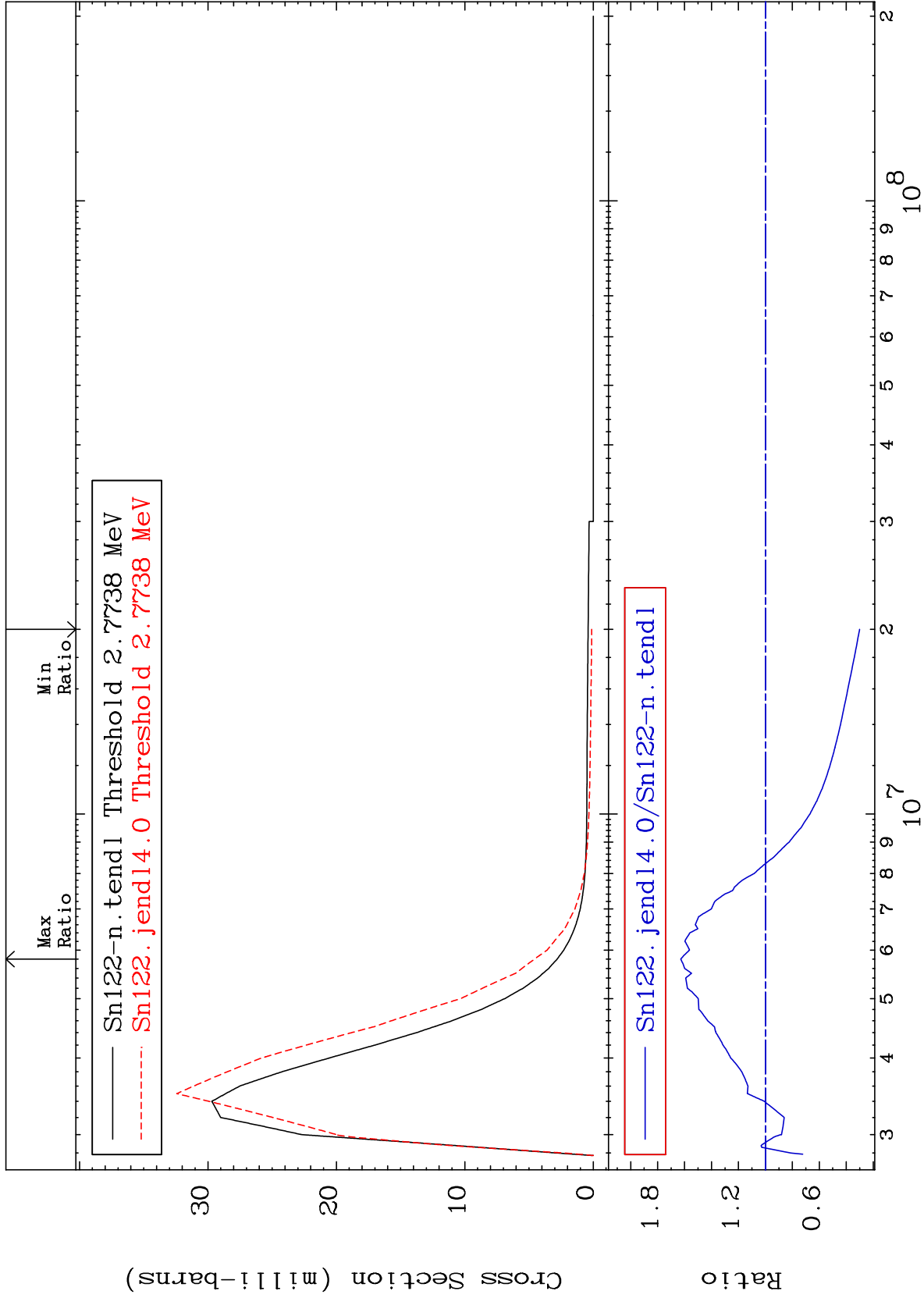
MAT 5055

2.751 MeV (n,n') Level

50-Sn-122

-69.87 To 62.82 %

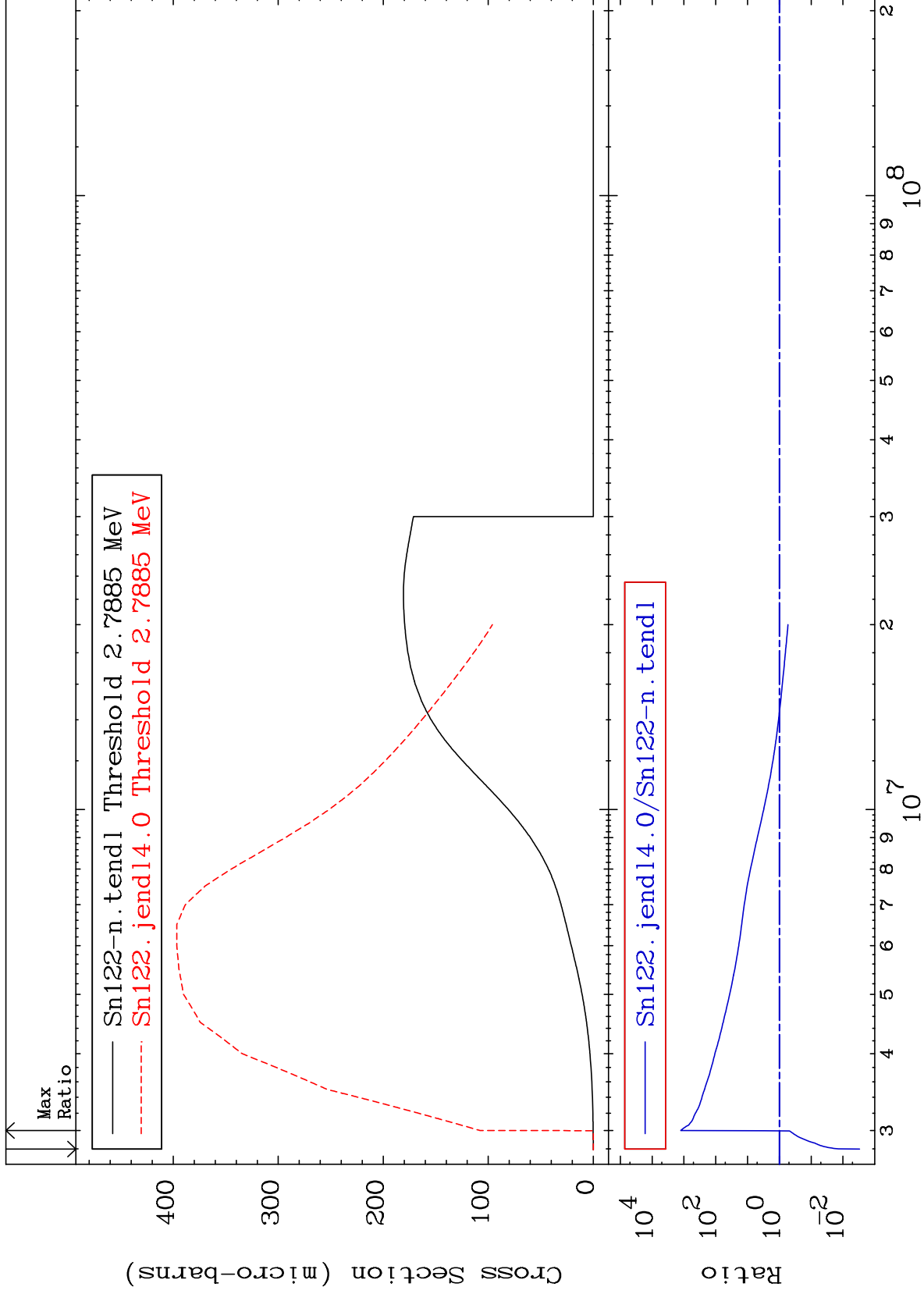
Cross Section



MAT 5055

2.766 MeV (n,n') Level
Cross Section

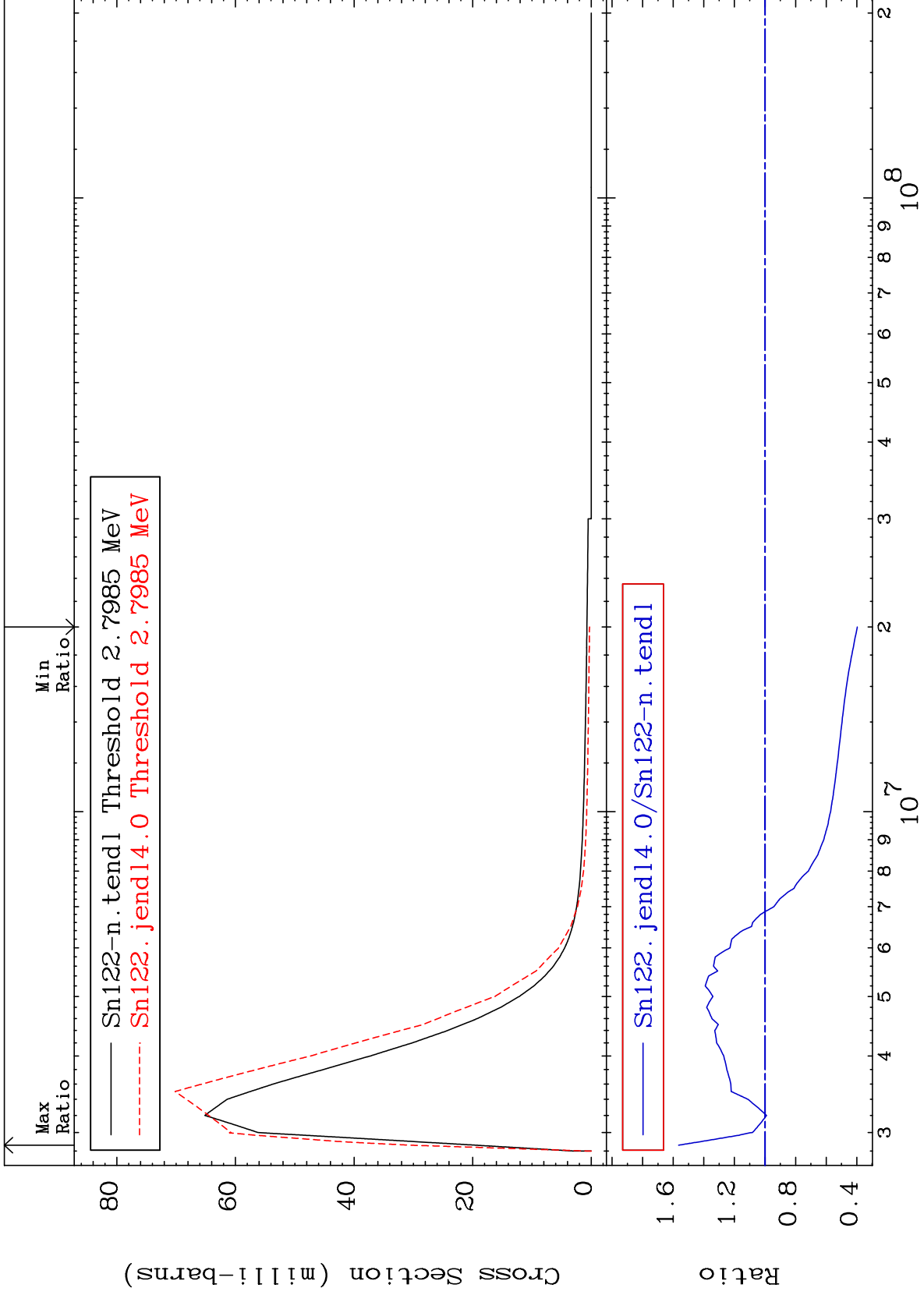
50-Sn-122
-99.70 To 9999. %



MAT 5055

2.776 MeV (n,n') Level
Cross Section

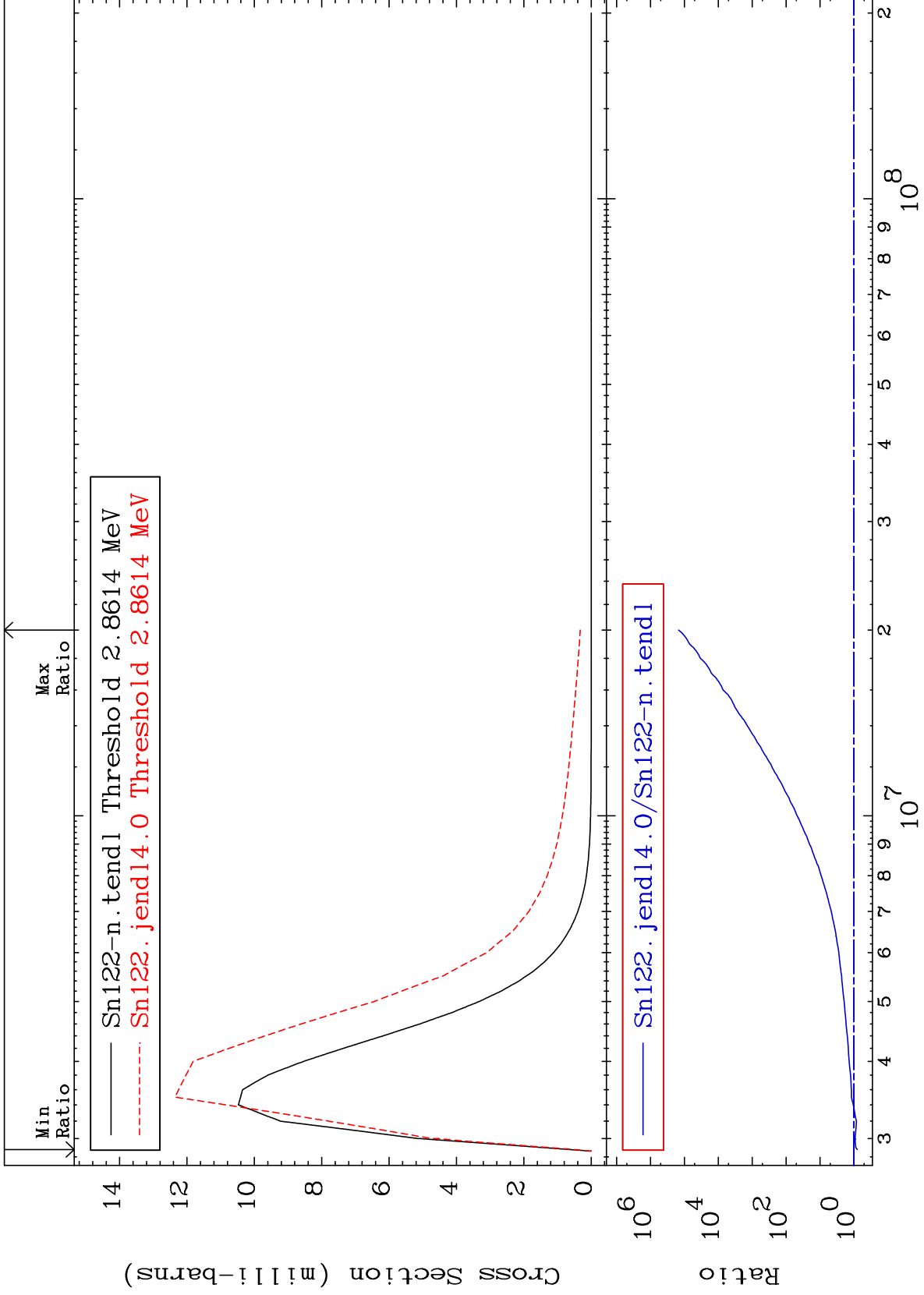
50-Sn-122
-60.29 To 56.47 %



MAT 5055

2.838 MeV (n,n') Level
Cross Section

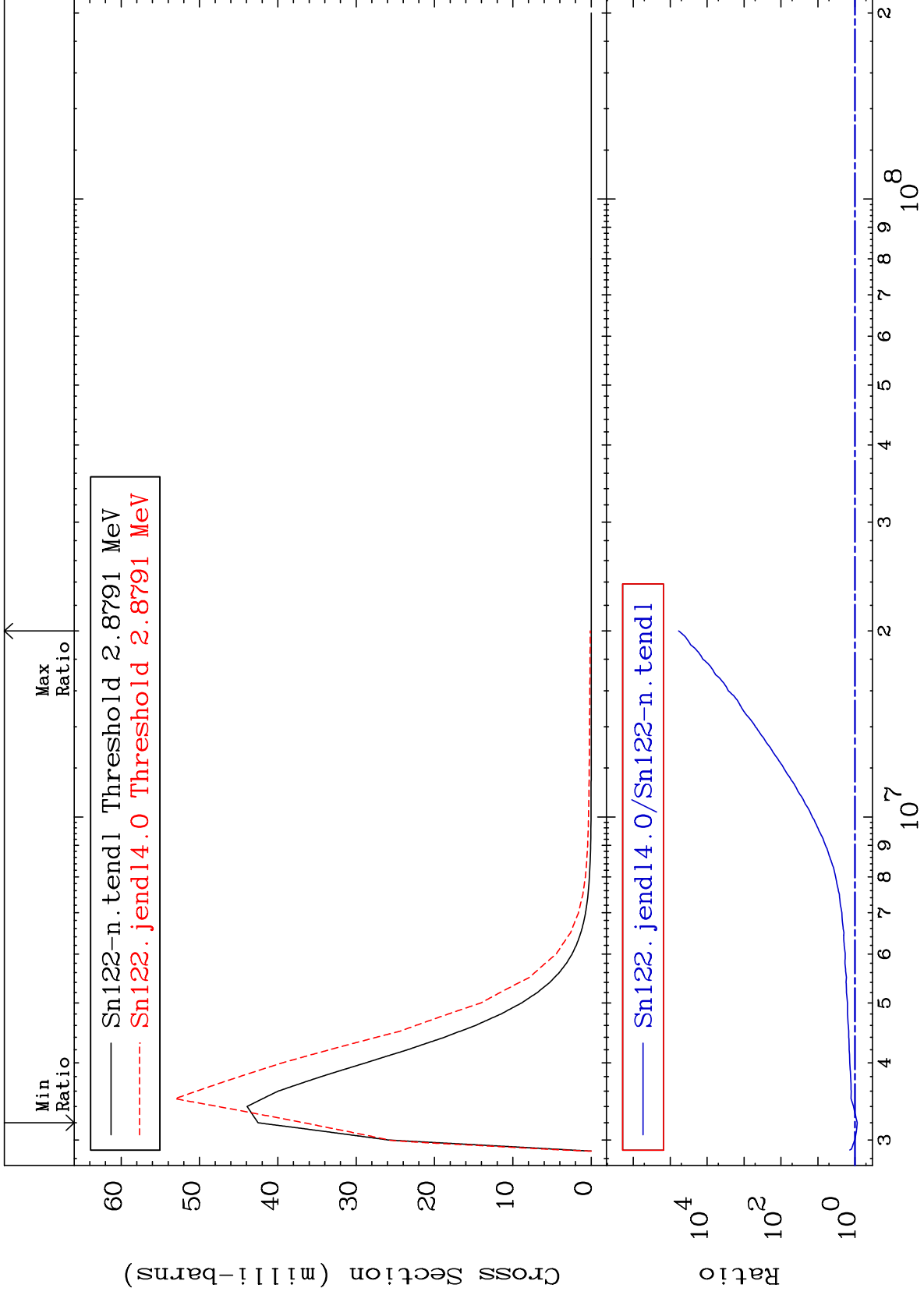
50-Sn-122
-20.59 To 9999. %



MAT 5055

2.855 MeV (n,n') Level
Cross Section

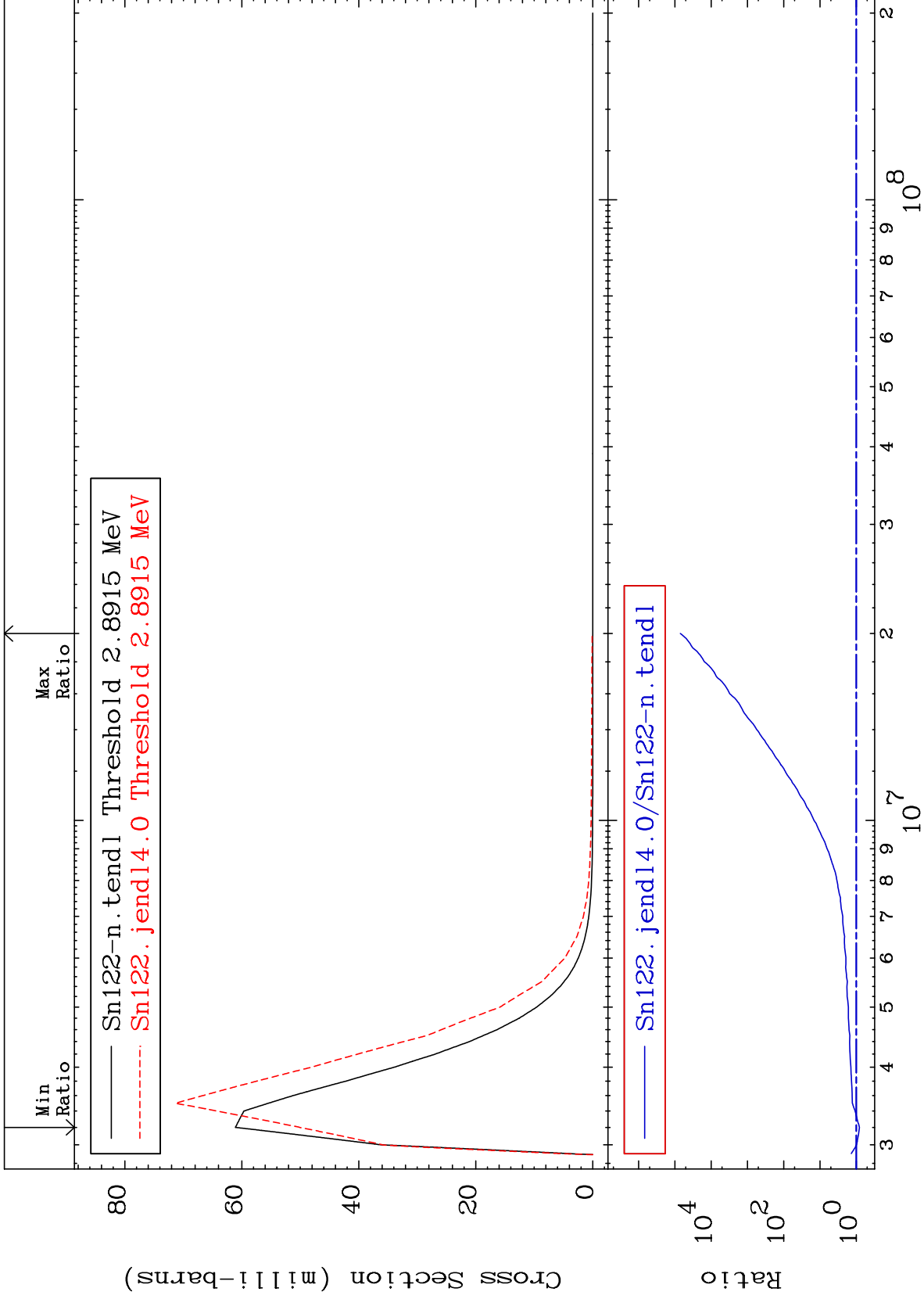
50-Sn-122
-13.75 To 9999. %



MAT 5055

2.868 MeV (n,n') Level
Cross Section

50-Sn-122
-18.03 To 9999. %



30

Incident Energy (eV)

50-Sn-122

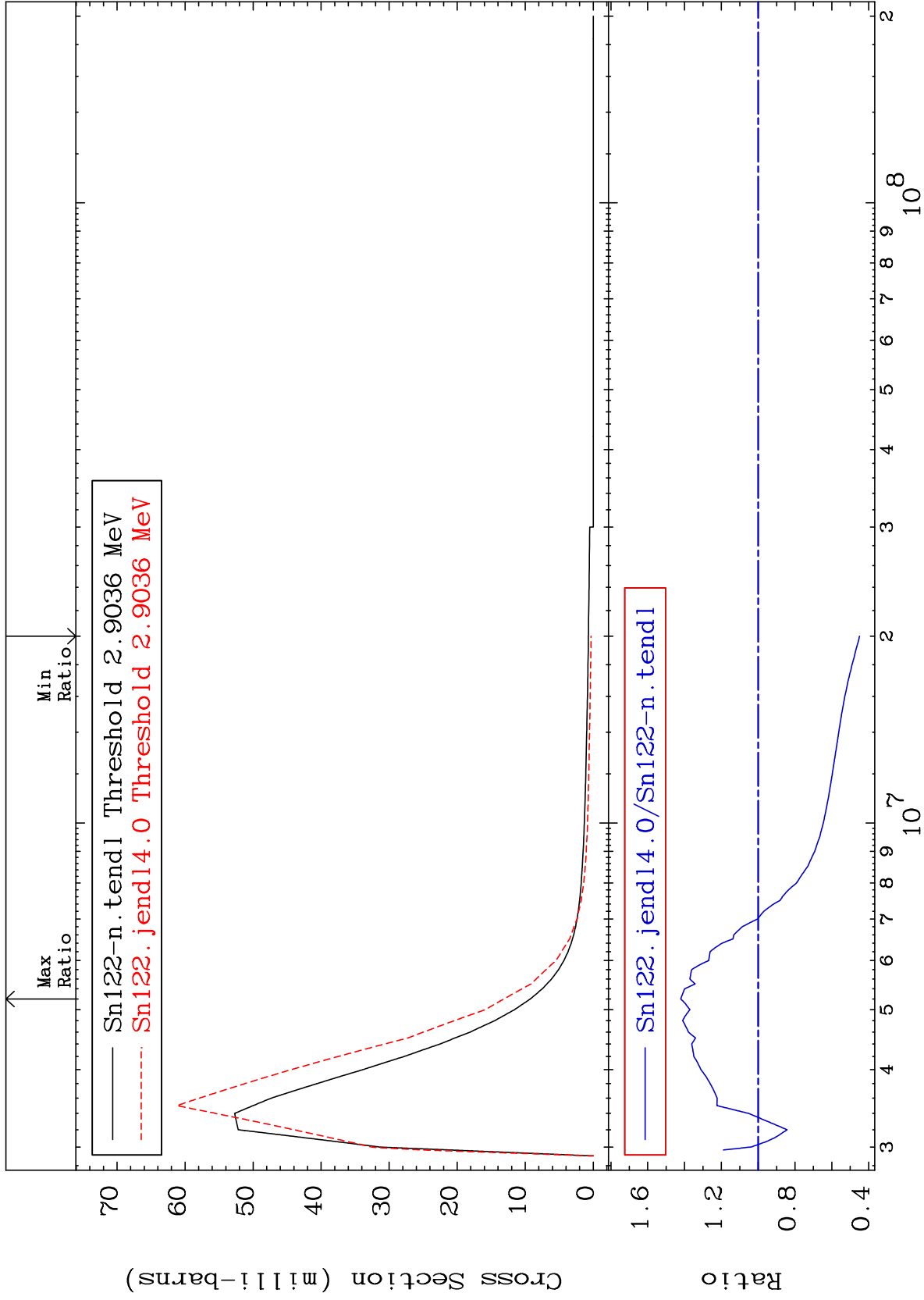
MAT 5055

2.880 MeV (n,n') Level

50-Sn-122

-55.05 To 42.05 %

Cross Section



31

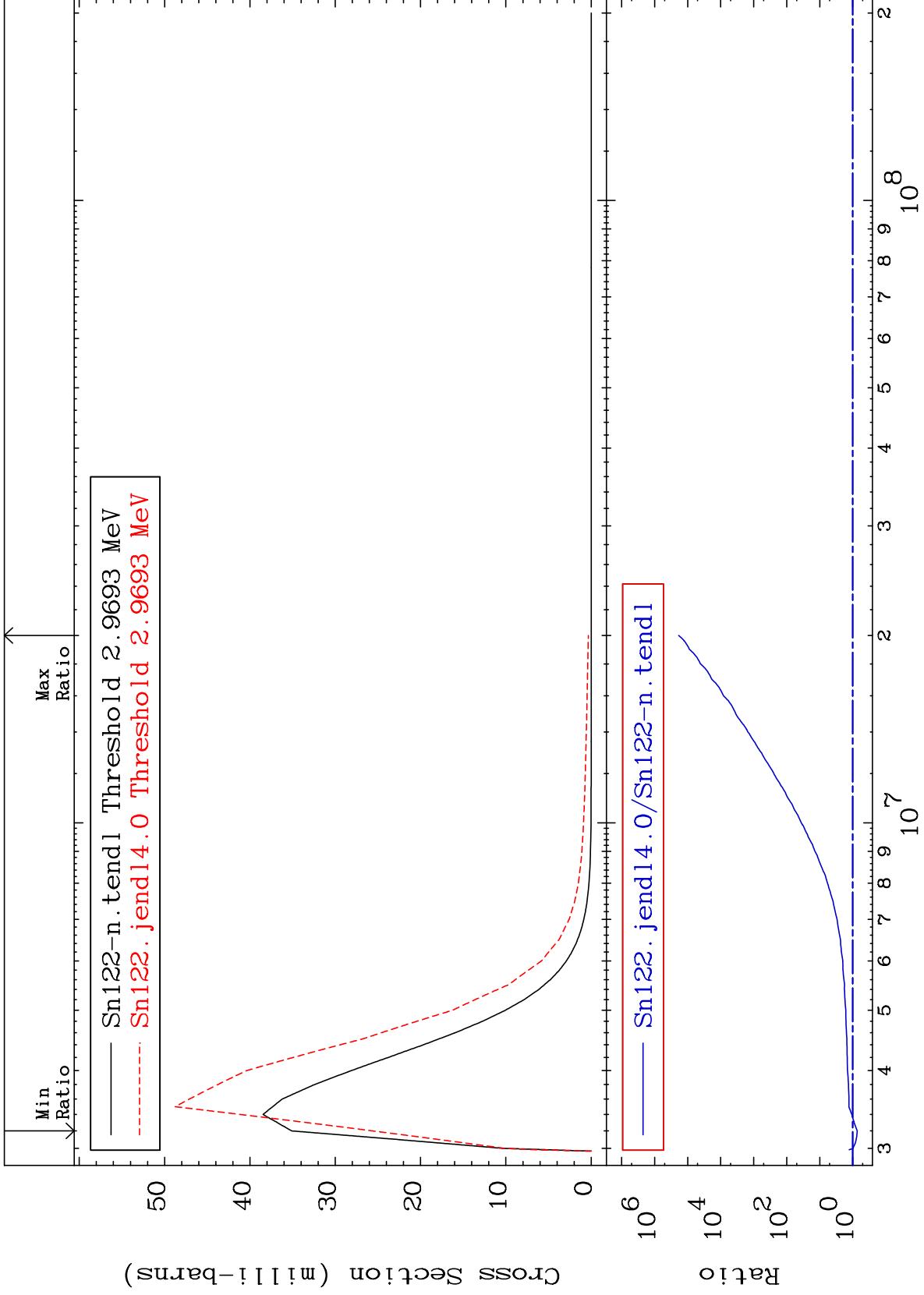
Incident Energy (eV)

50-Sn-122

MAT 5055

2.945 MeV (n,n') Level
Cross Section

50-Sn-122
-27.07 To 9999. %



32

Incident Energy (eV)

50-Sn-122

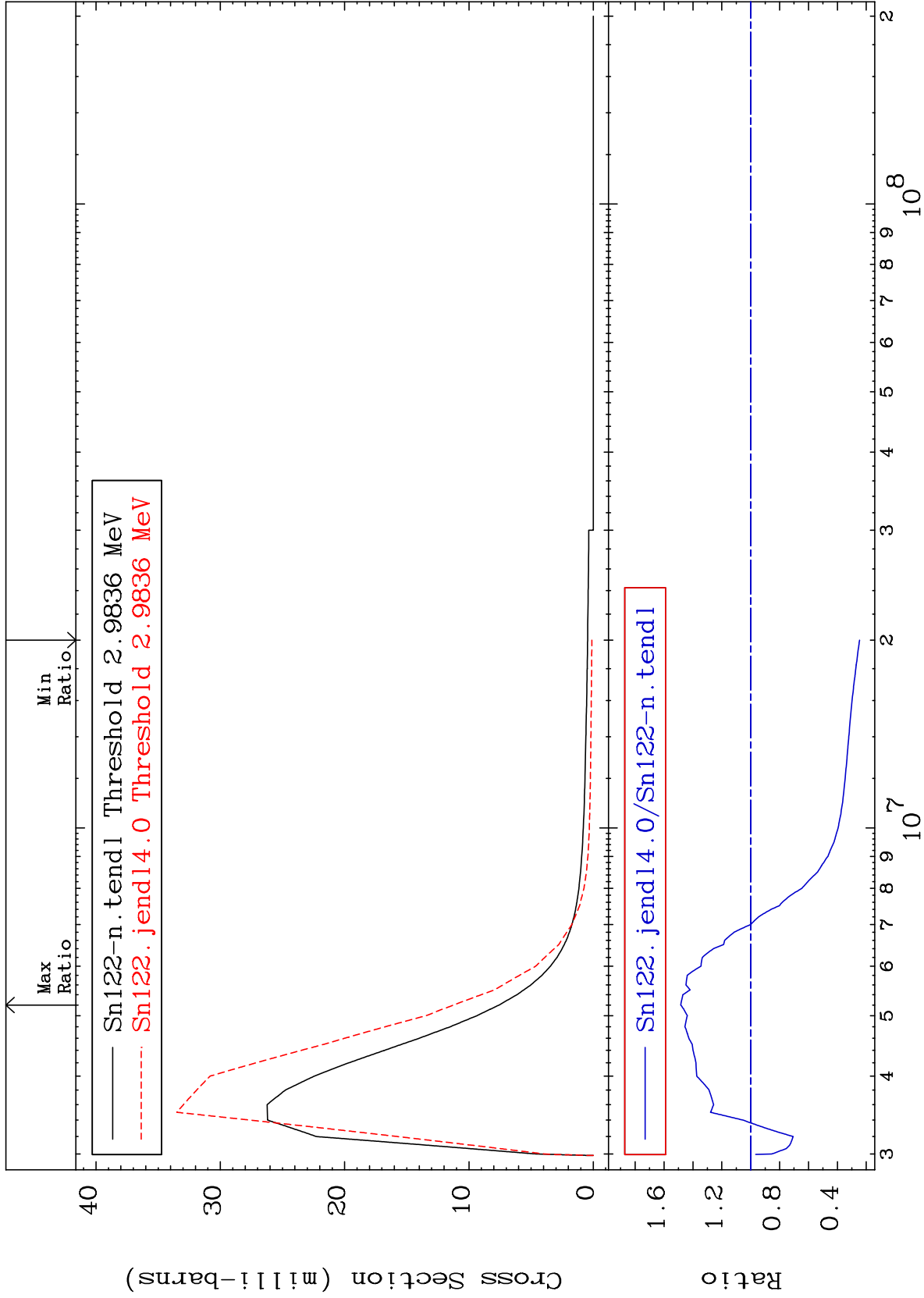
MAT 5055

2.959 MeV (n,n') Level

50-Sn-122

-75.33 To 48.40 %

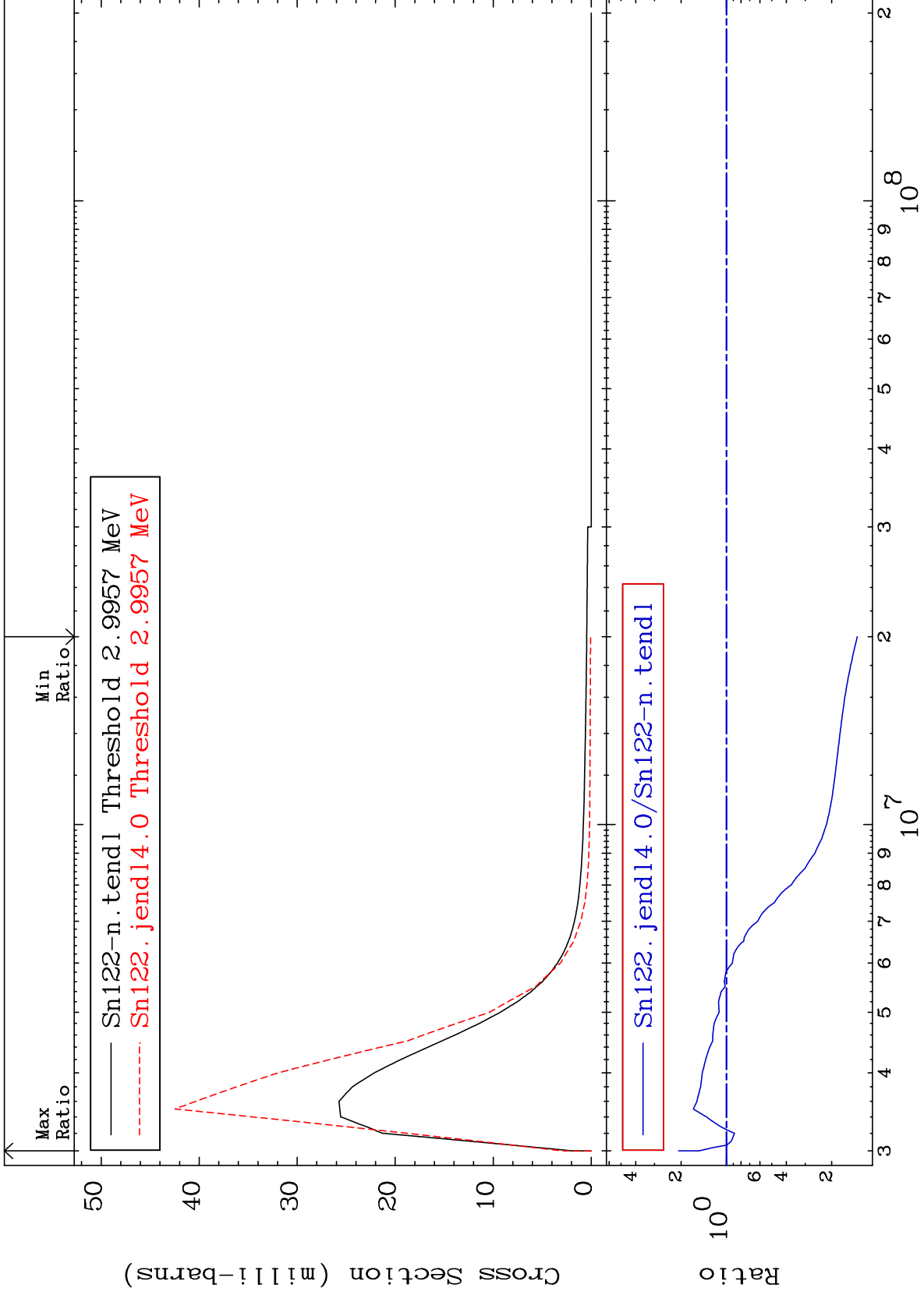
Cross Section



MAT 5055

2.971 MeV (n,n') Level
Cross Section

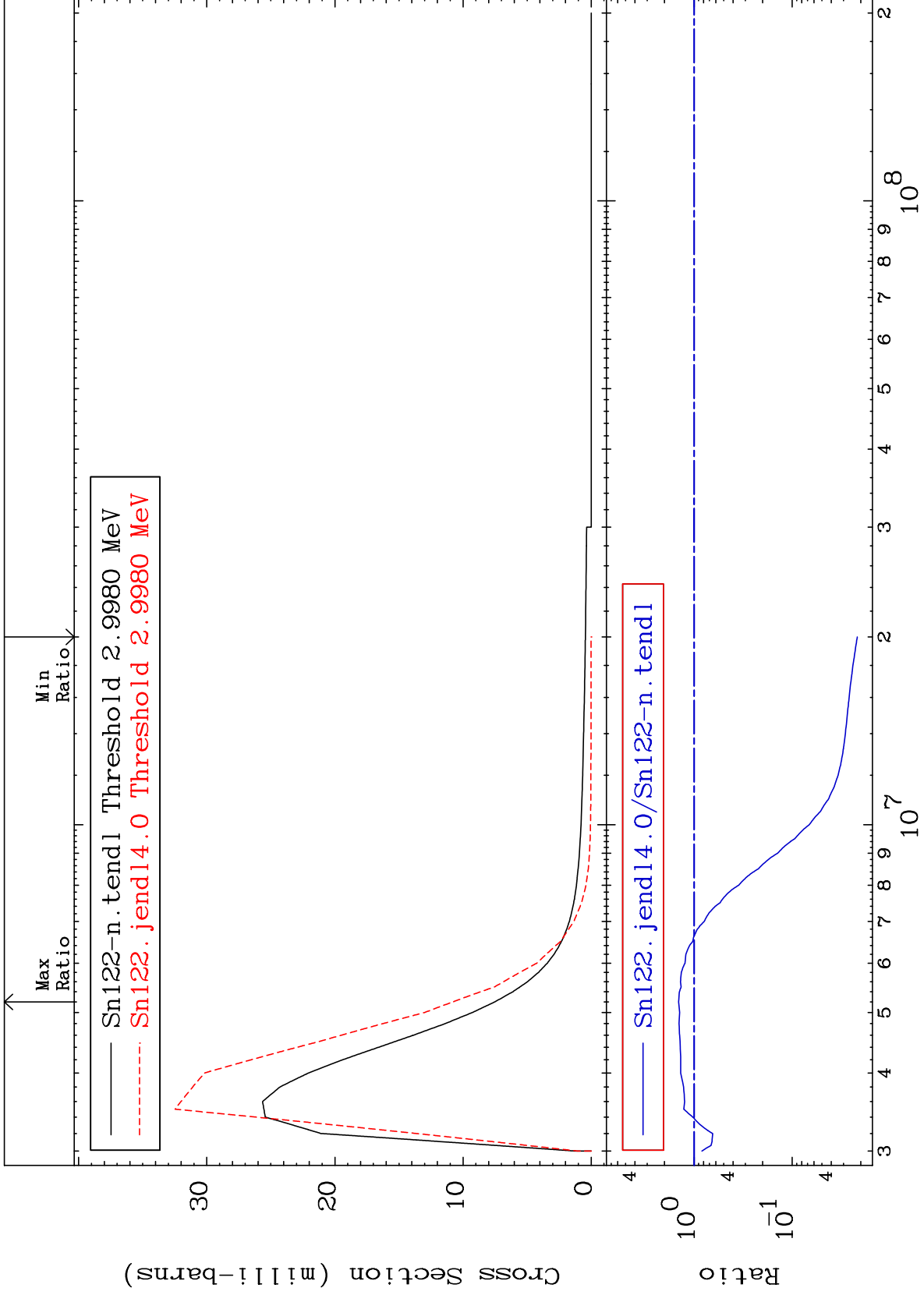
50-Sn-122
-86.45 To 107.4 %



MAT 5055

2.973 MeV (n,n') Level
Cross Section

50-Sn-122
-97.82 To 43.72 %



35

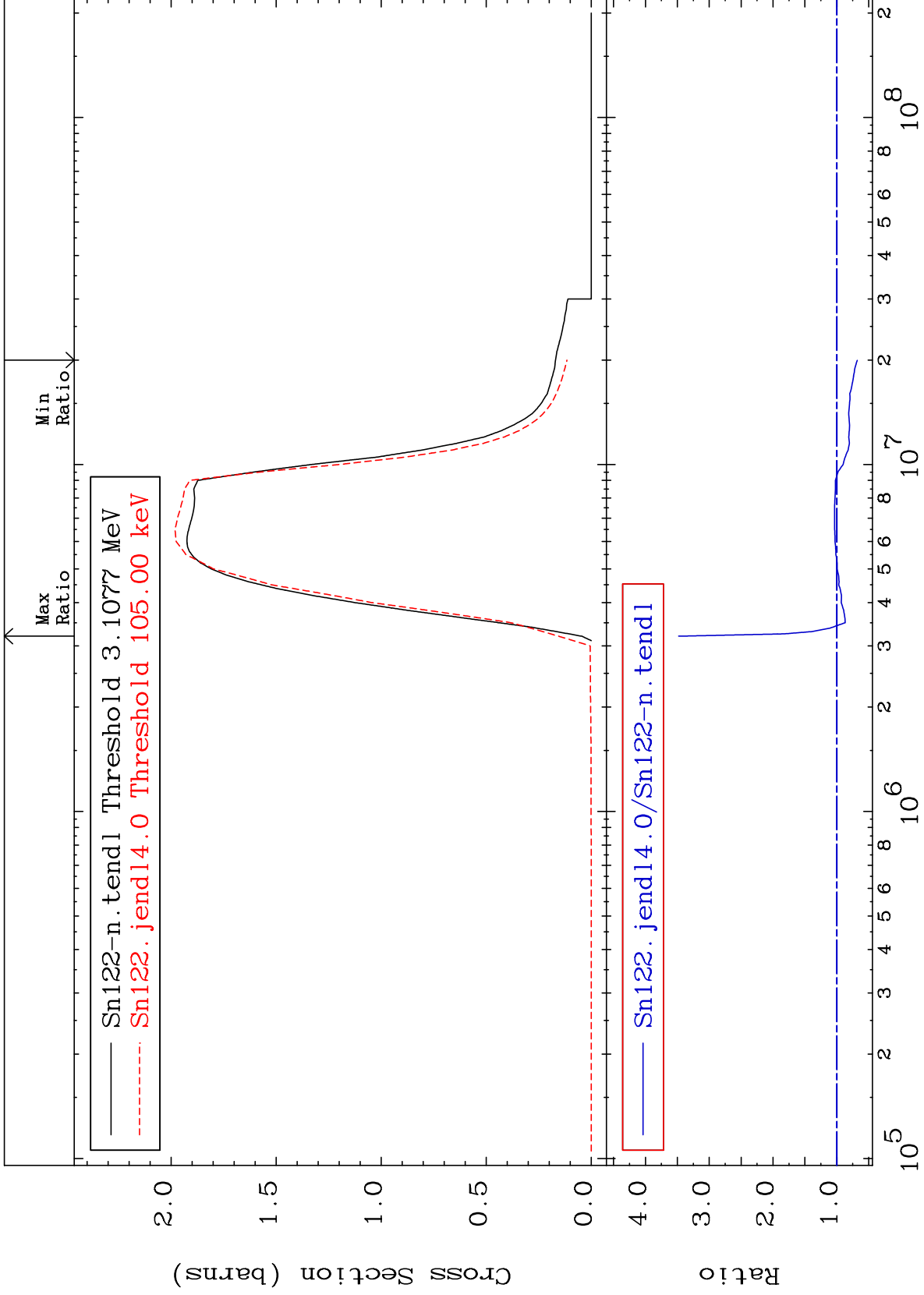
Incident Energy (eV)

50-Sn-122

MAT 5055

(n, n') Continuum
Cross Section

50-Sn-122
-32.12 To 248.0 %



36

Incident Energy (eV)

50-Sn-122

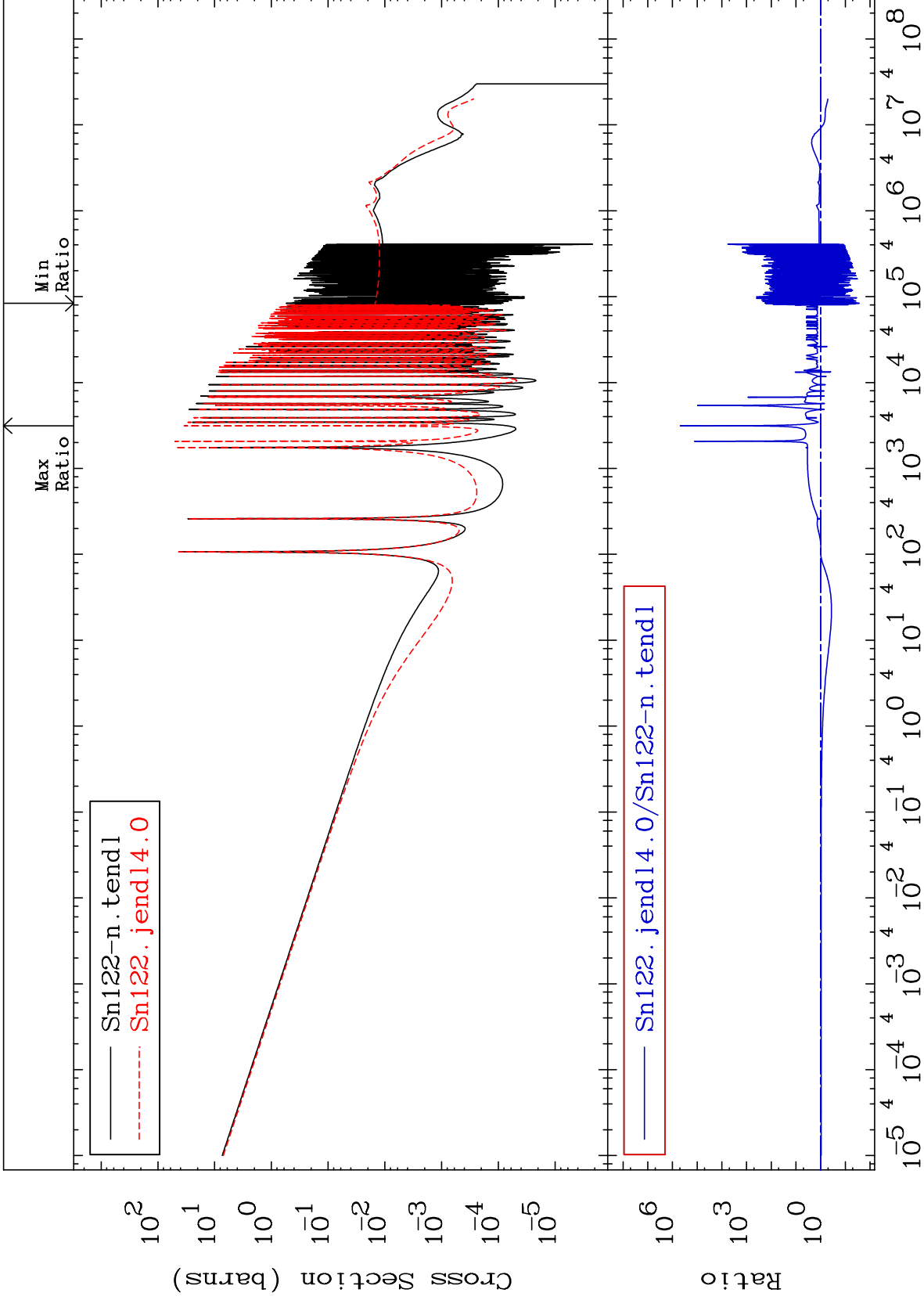
MAT 5055

(n, γ)

50-Sn-122

Cross Section

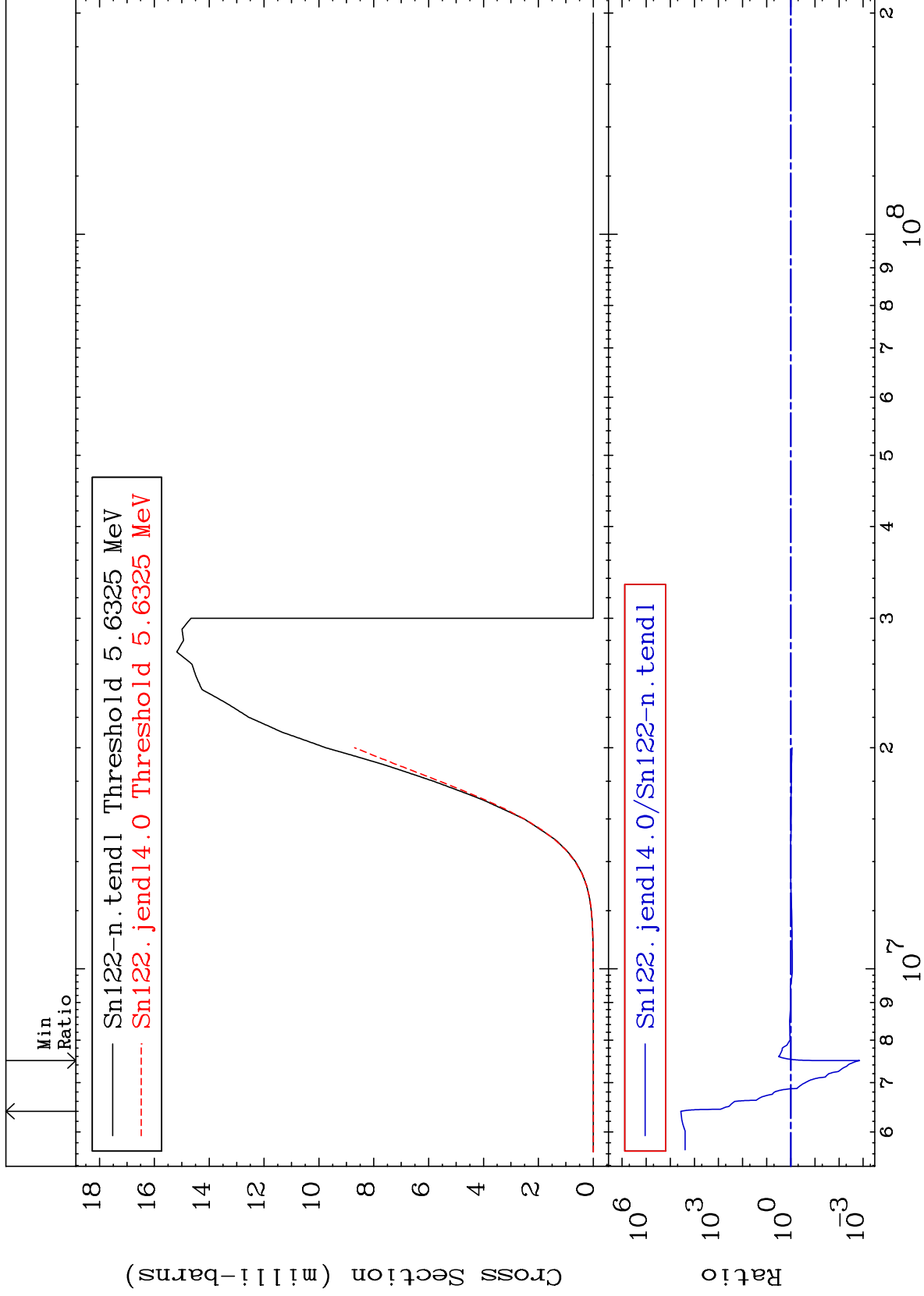
-97.29 To 9999. %



MAT 5055

(n,p)
Cross Section

50-Sn-122
-99.86 To 9999. %



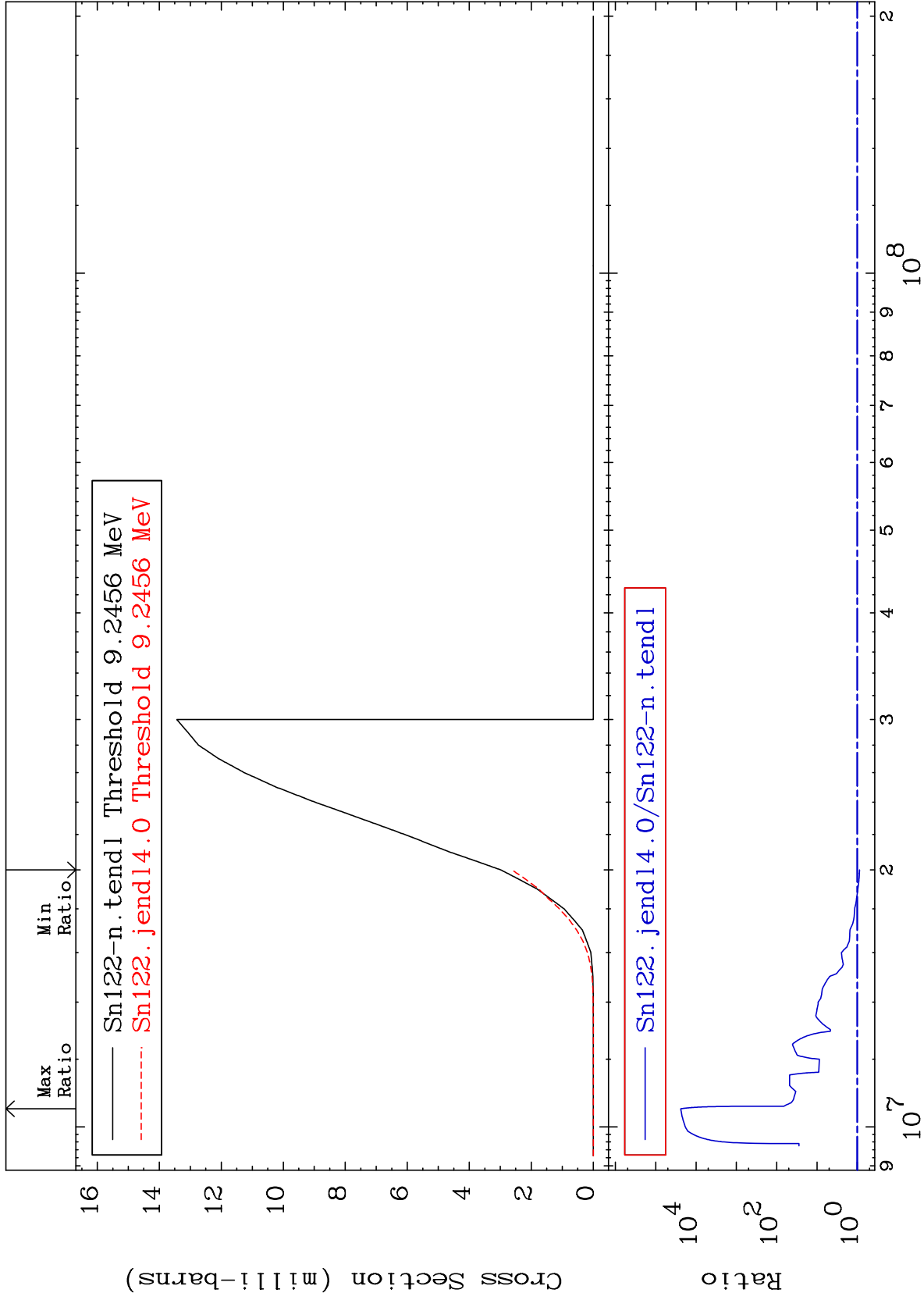
MAT 5055

(n, d)

50-Sn-122

Cross Section

-12.01 To 9999. %



39

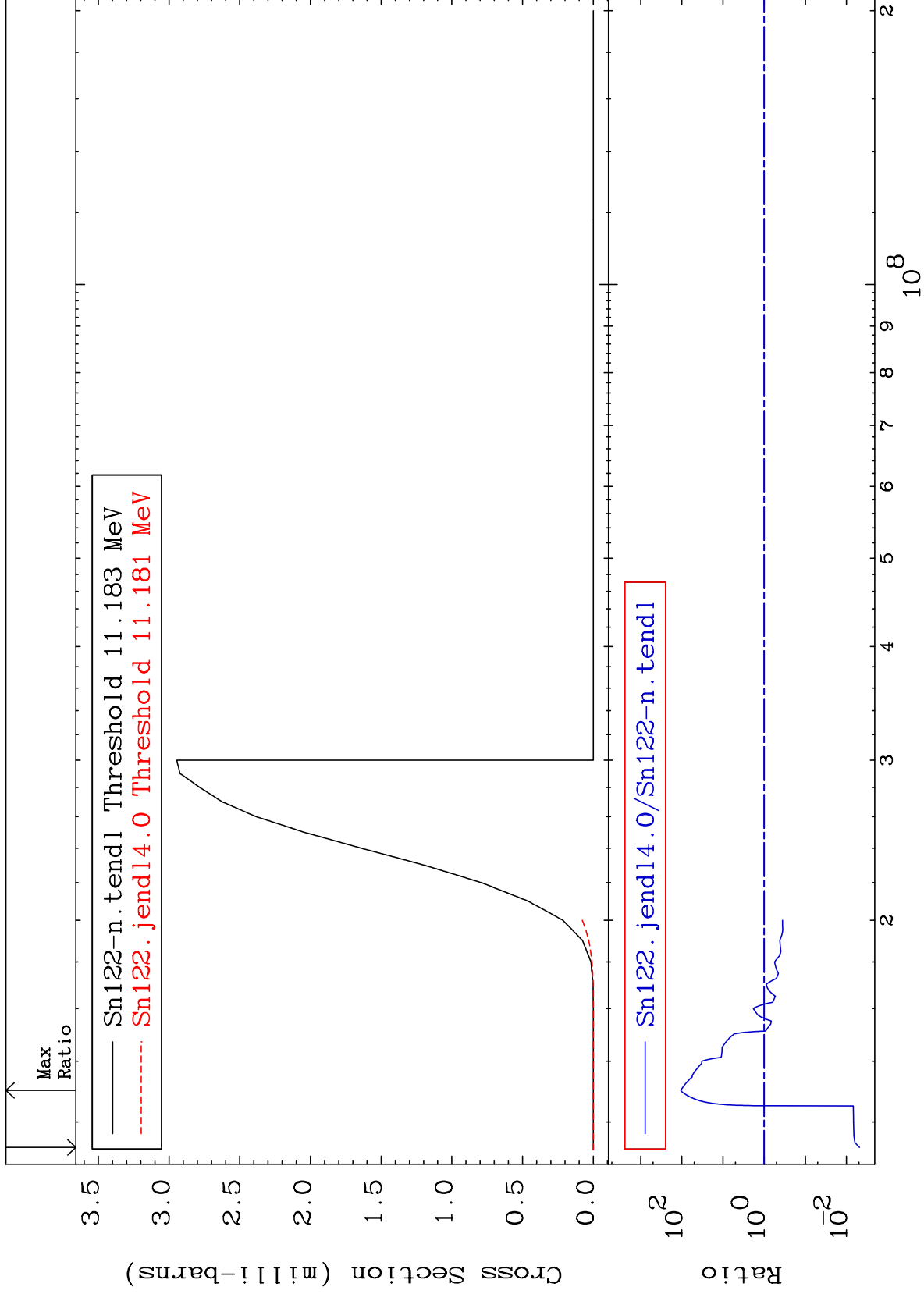
Incident Energy (eV)

50-Sn-122

MAT 5055

(n, t)
Cross Section

50-Sn-122
-99.52 To 9999. %



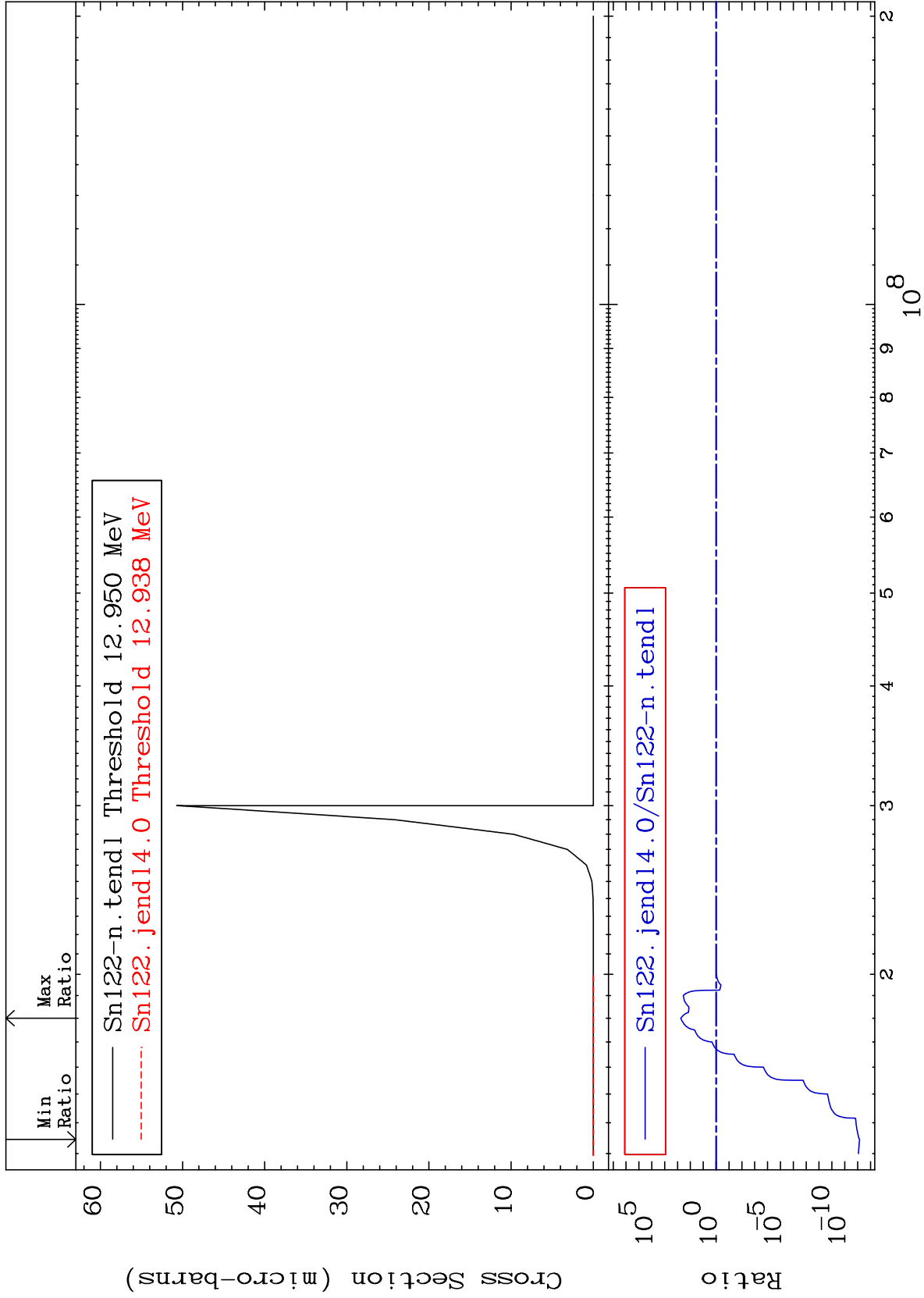
MAT 5055

(n, He-3)

50-Sn-122

Cross Section

-100.0 To 9999. %



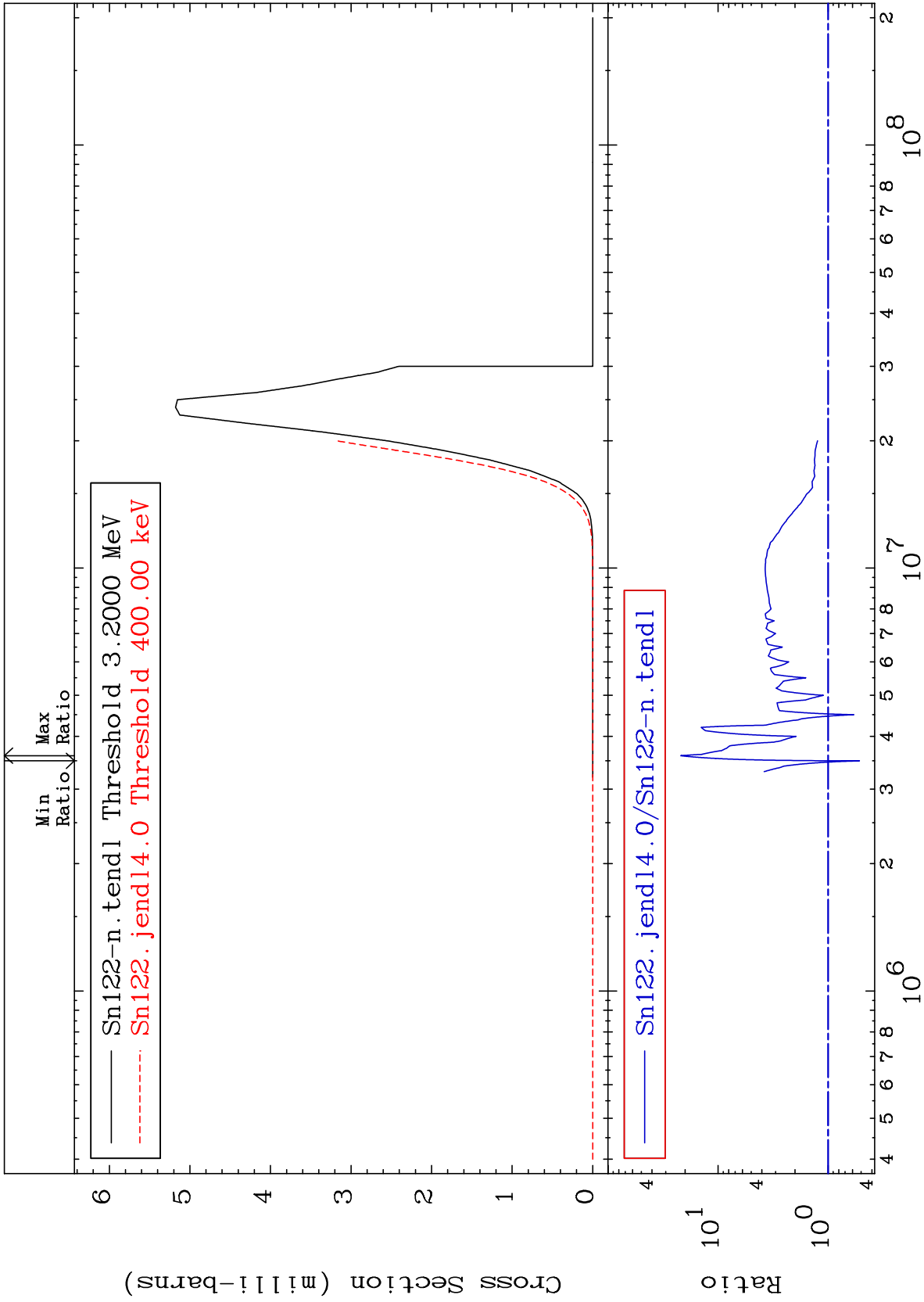
MAT 5055

(n, α)

50-Sn-122

Cross Section

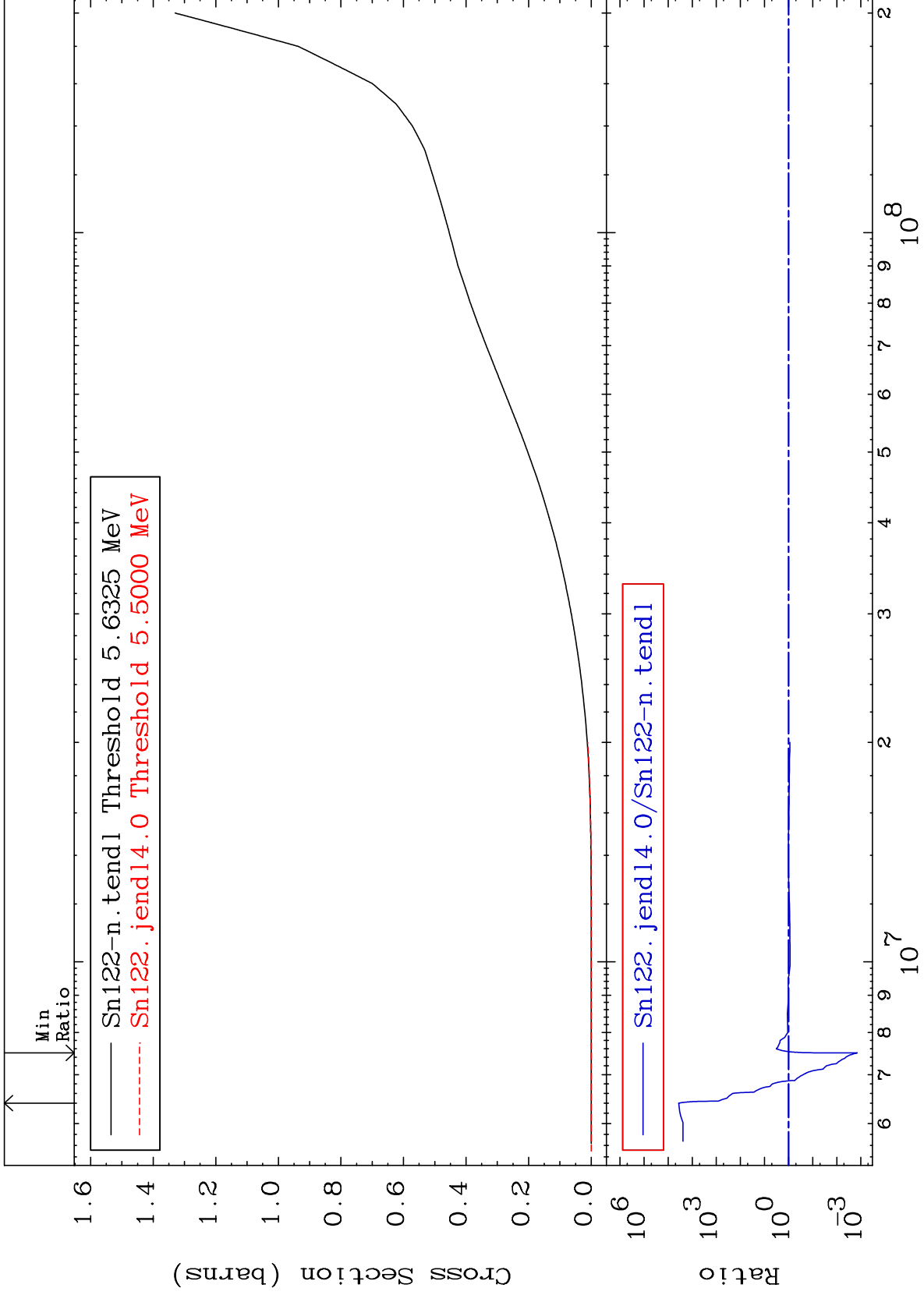
-48.13 To 2106. %



MAT 5055

Hydrogen Production
Cross Section

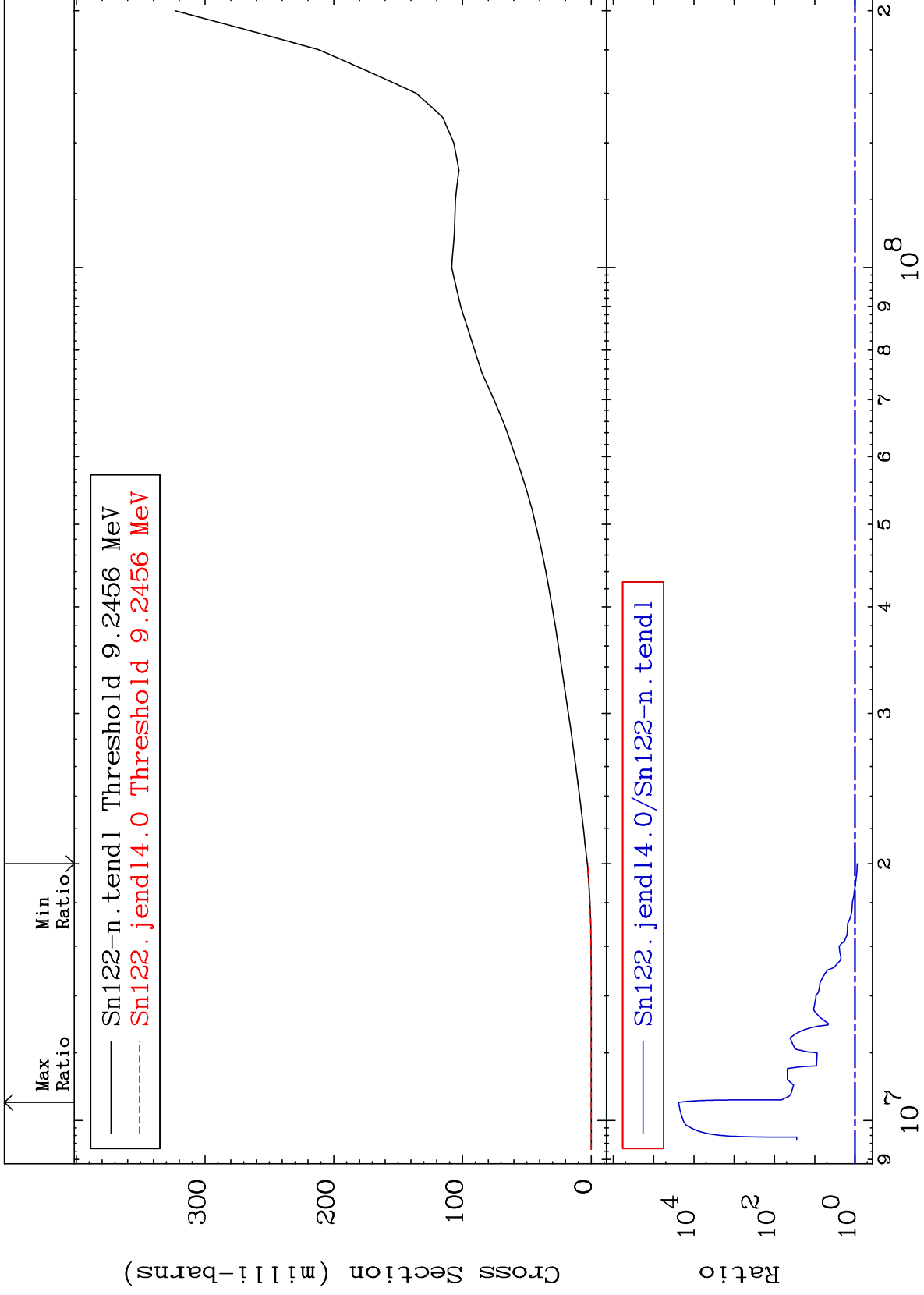
50-Sn-122
-99.86 To 9999. %



MAT 5055

Deuterium Production
Cross Section

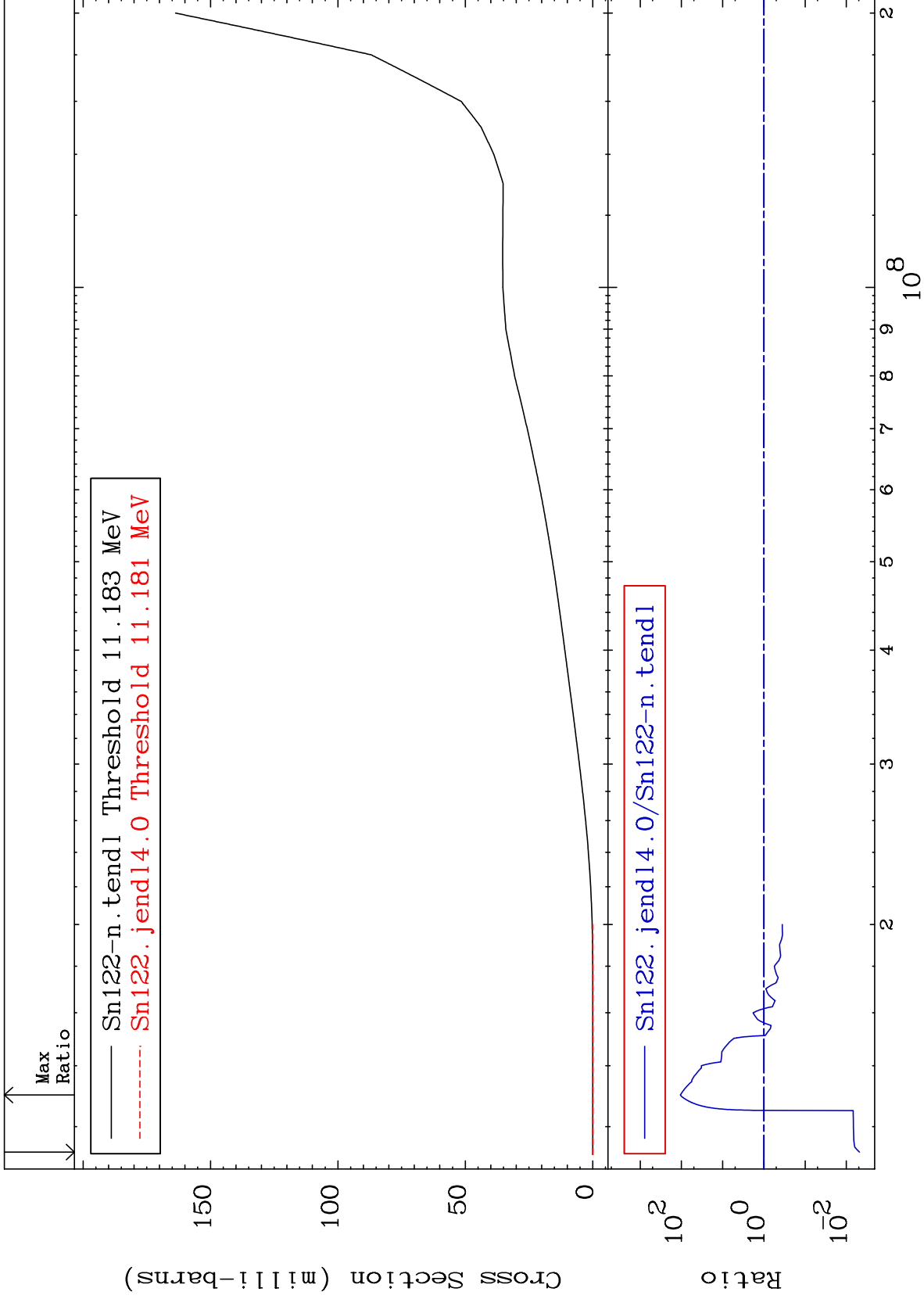
50-Sn-122
-12.01 To 9999. %



MAT 5055

Tritium Production
Cross Section

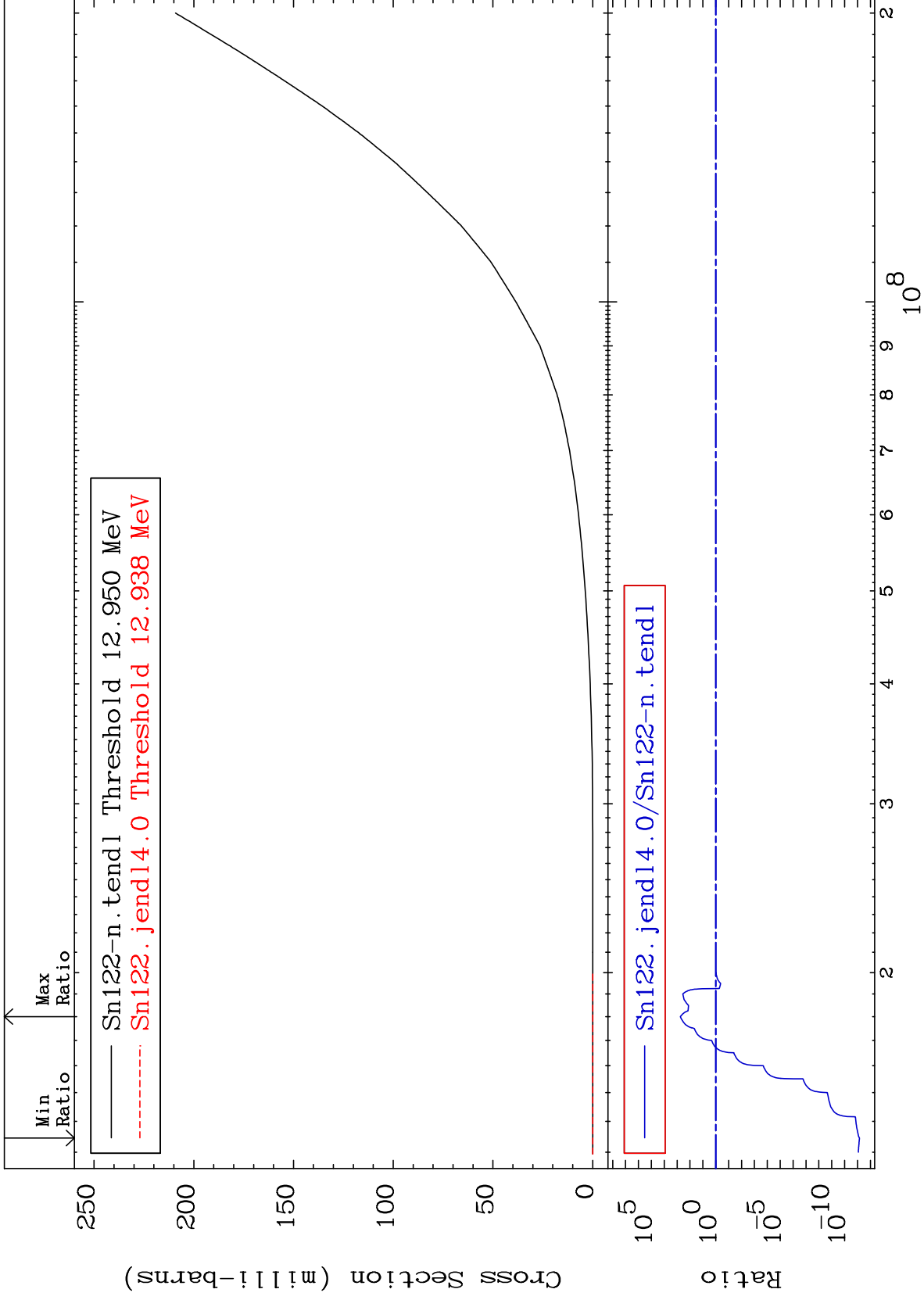
50-Sn-122
-99.52 To 9999. %



45

Incident Energy (eV)

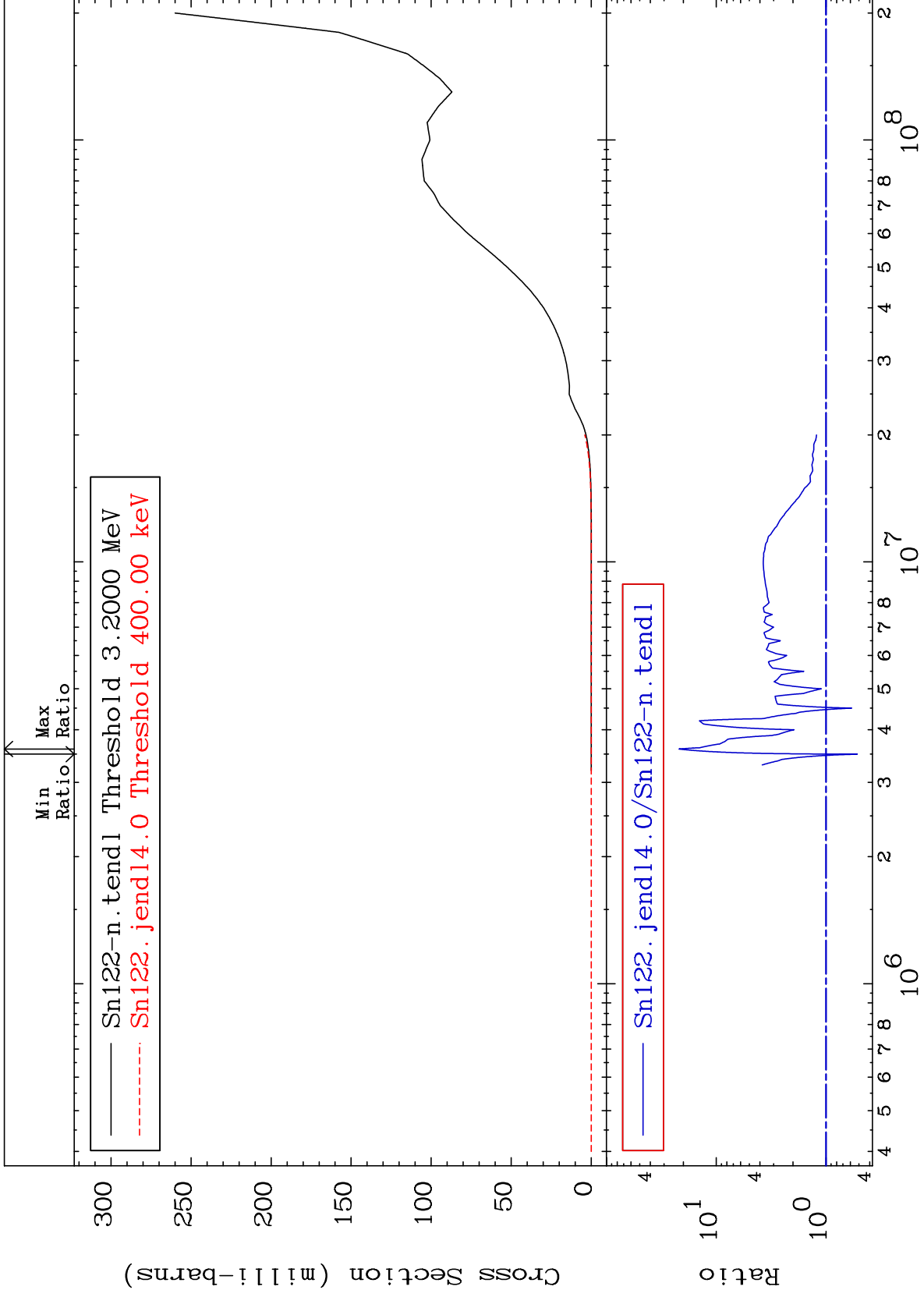
50-Sn-122



MAT 5055

He-4 Production
Cross Section

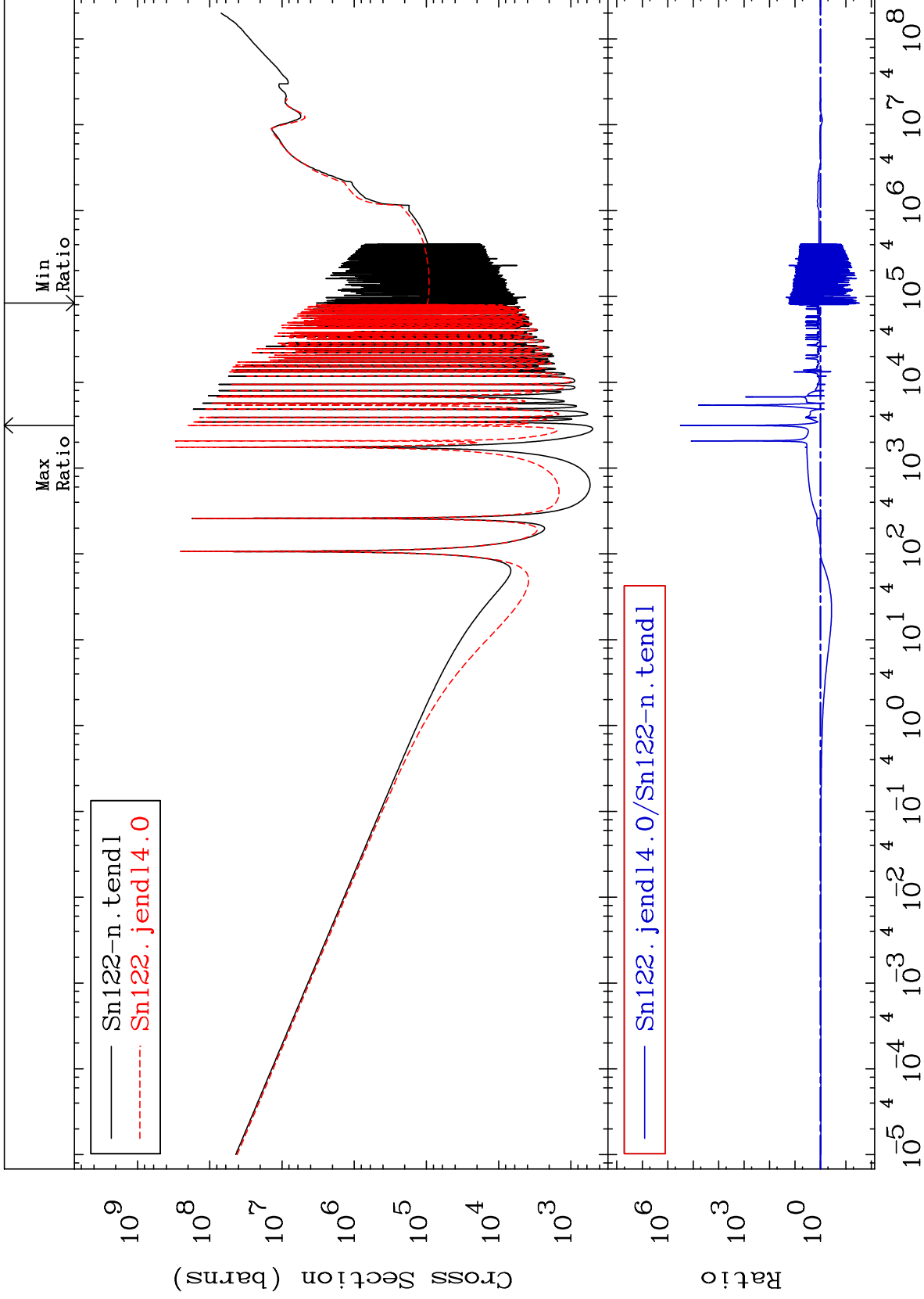
50-Sn-122
-48.13 To 2106. %



MAT 5055

Kerma total (eV-barns)
Cross Section

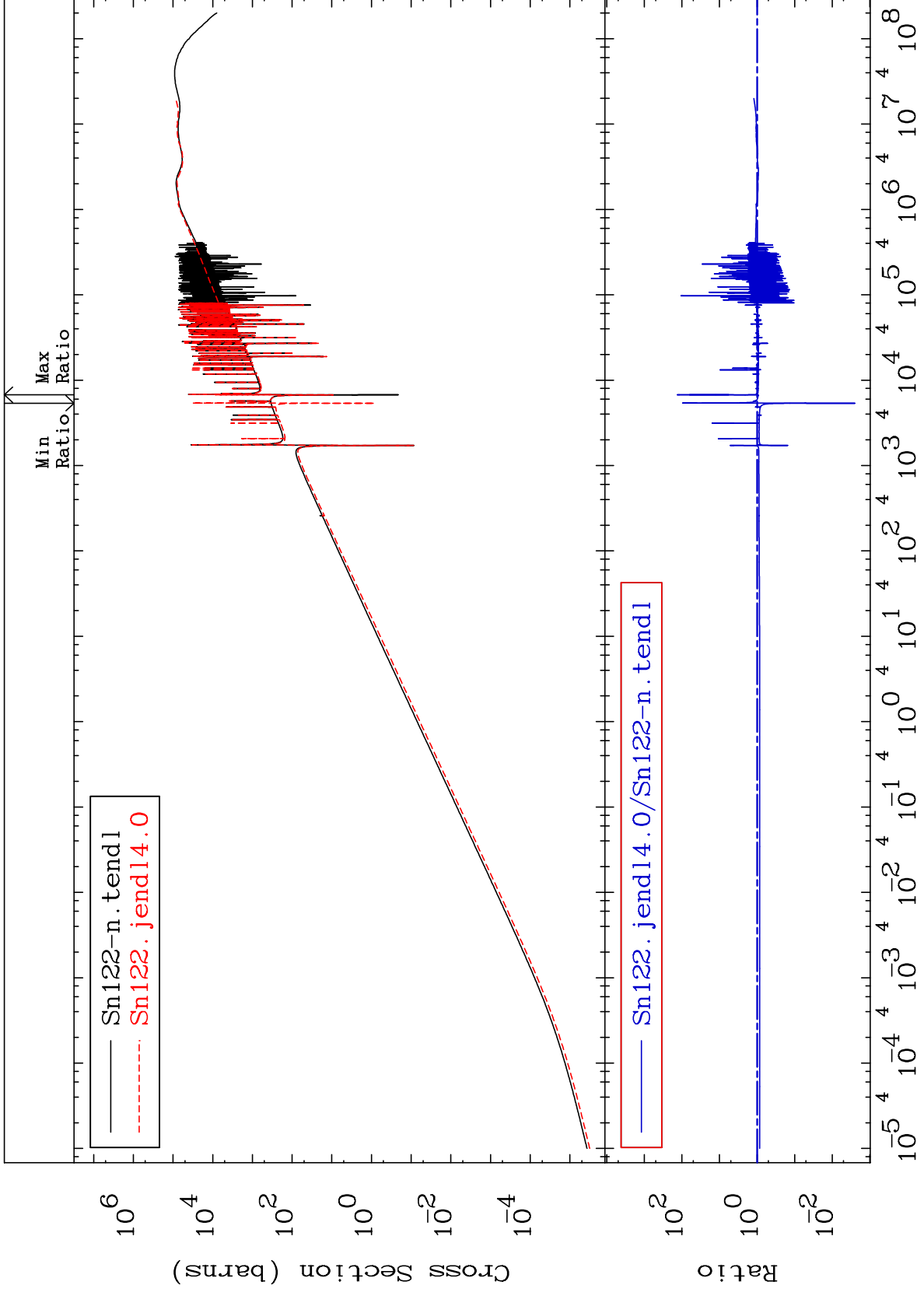
50-Sn-122
-97.08 To 9999. %



MAT 5055

Kerma elastic
Cross Section

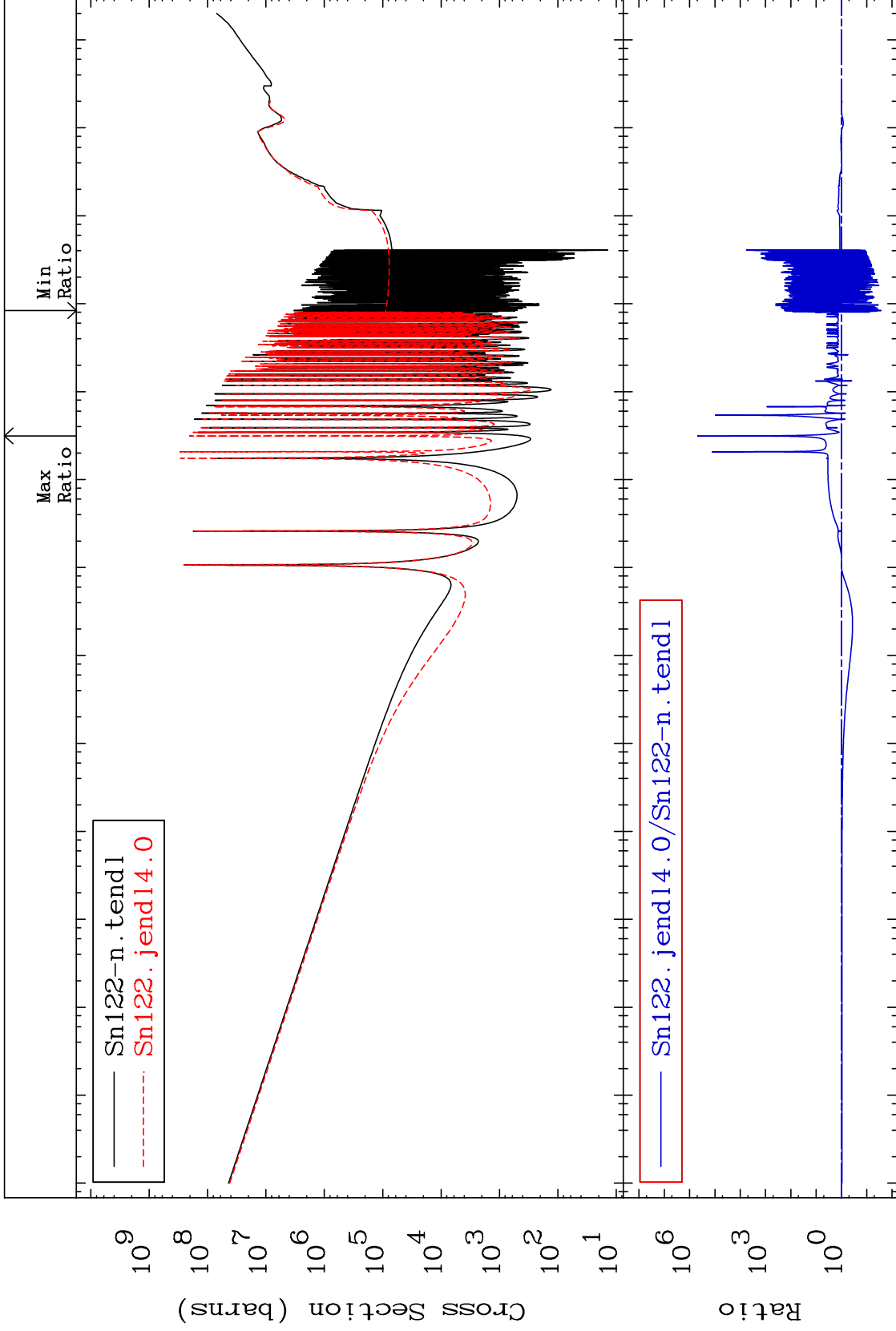
50-Sn-122
-99.75 To 9999. %



MAT 5055

Kerma non-elastic (all but mt2)
Cross Section

50-Sn-122
-97.29 To 9999. %



50

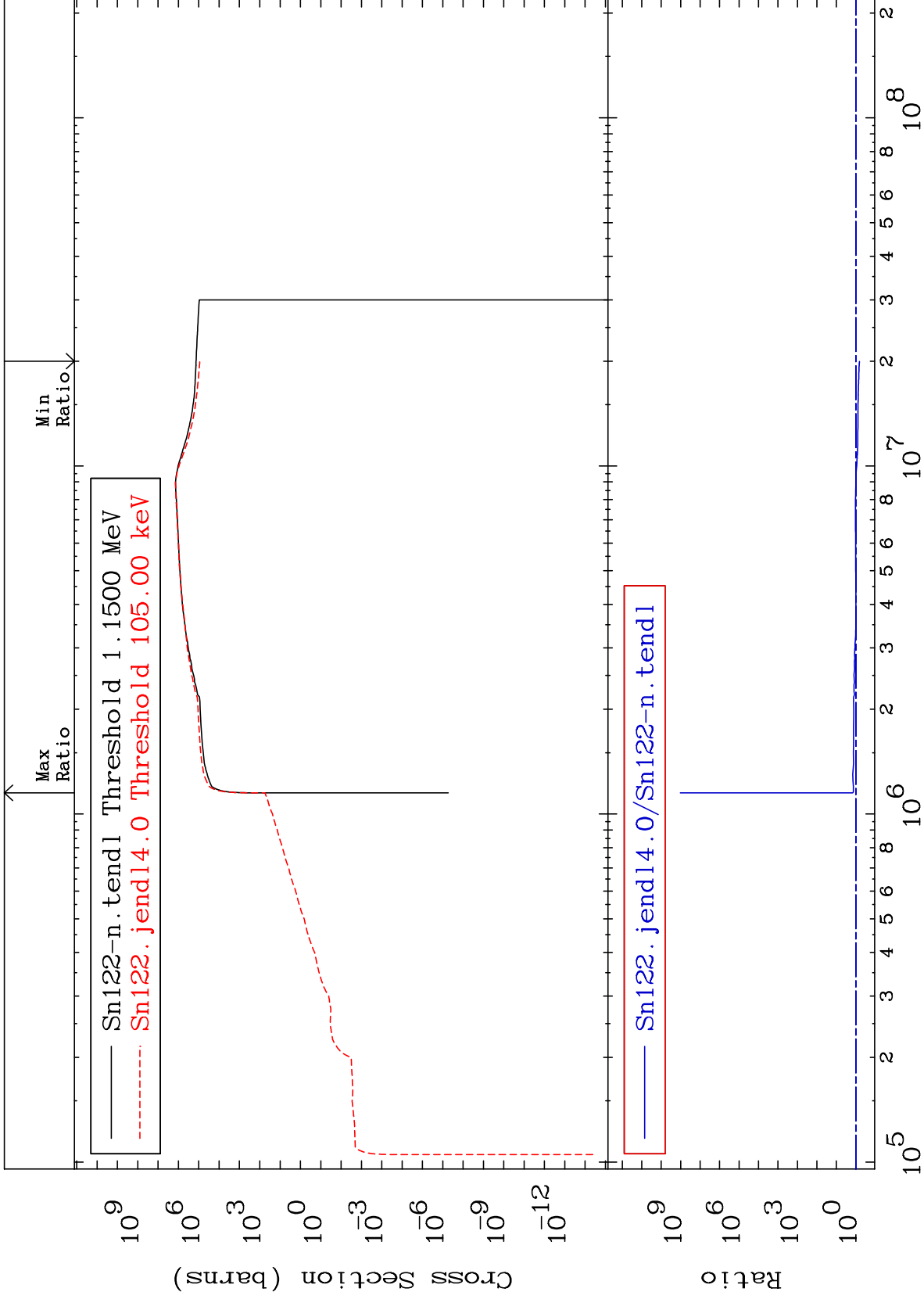
Incident Energy (eV)

50-Sn-122

MAT 5055

Kerma inelastic (mt51-91)
Cross Section

50-Sn-122
-34.54 To 9999. %



51

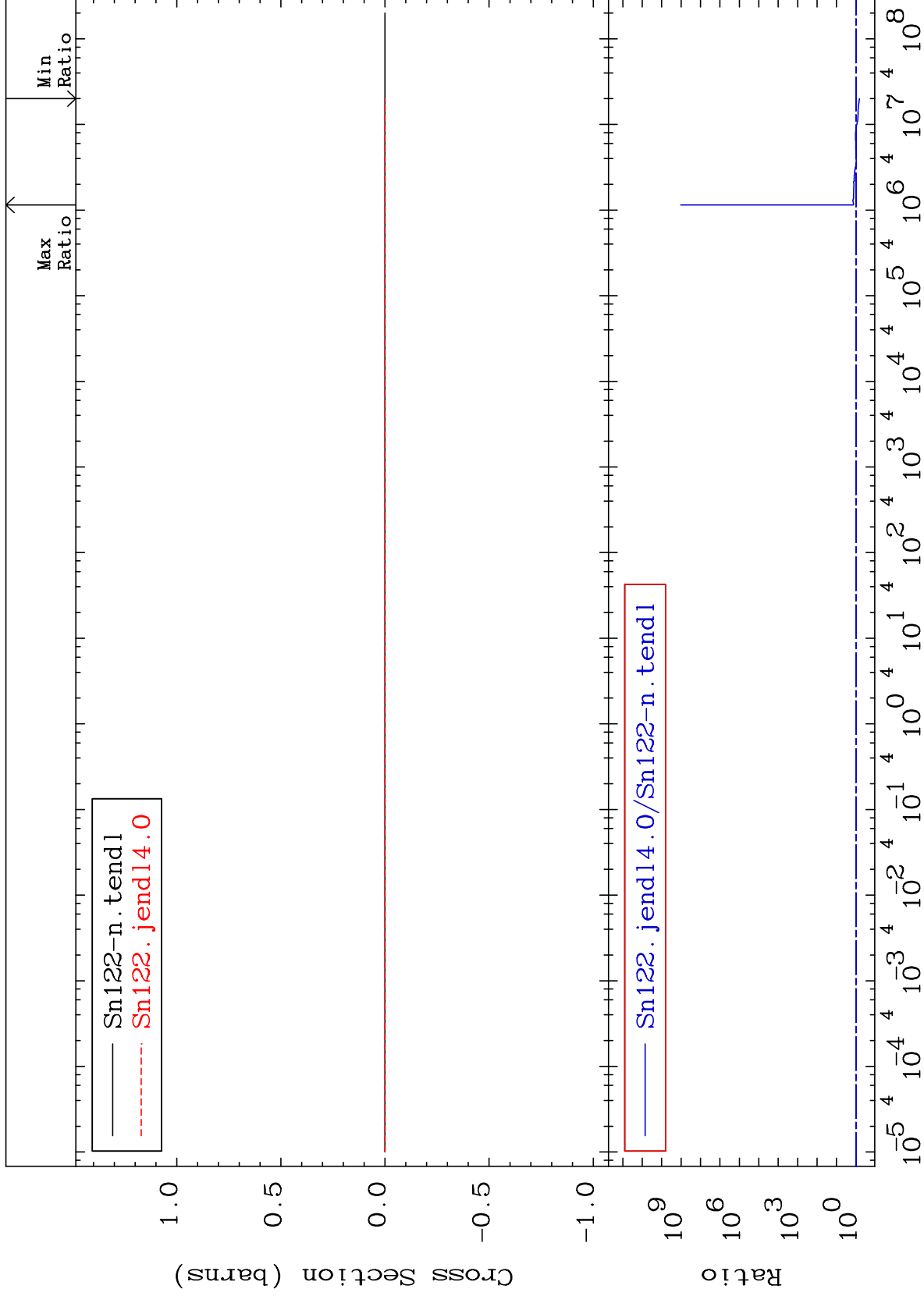
Incident Energy (eV)

50-Sn-122

MAT 5055

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

50-Sn-122
-34.54 To 9999. %



52

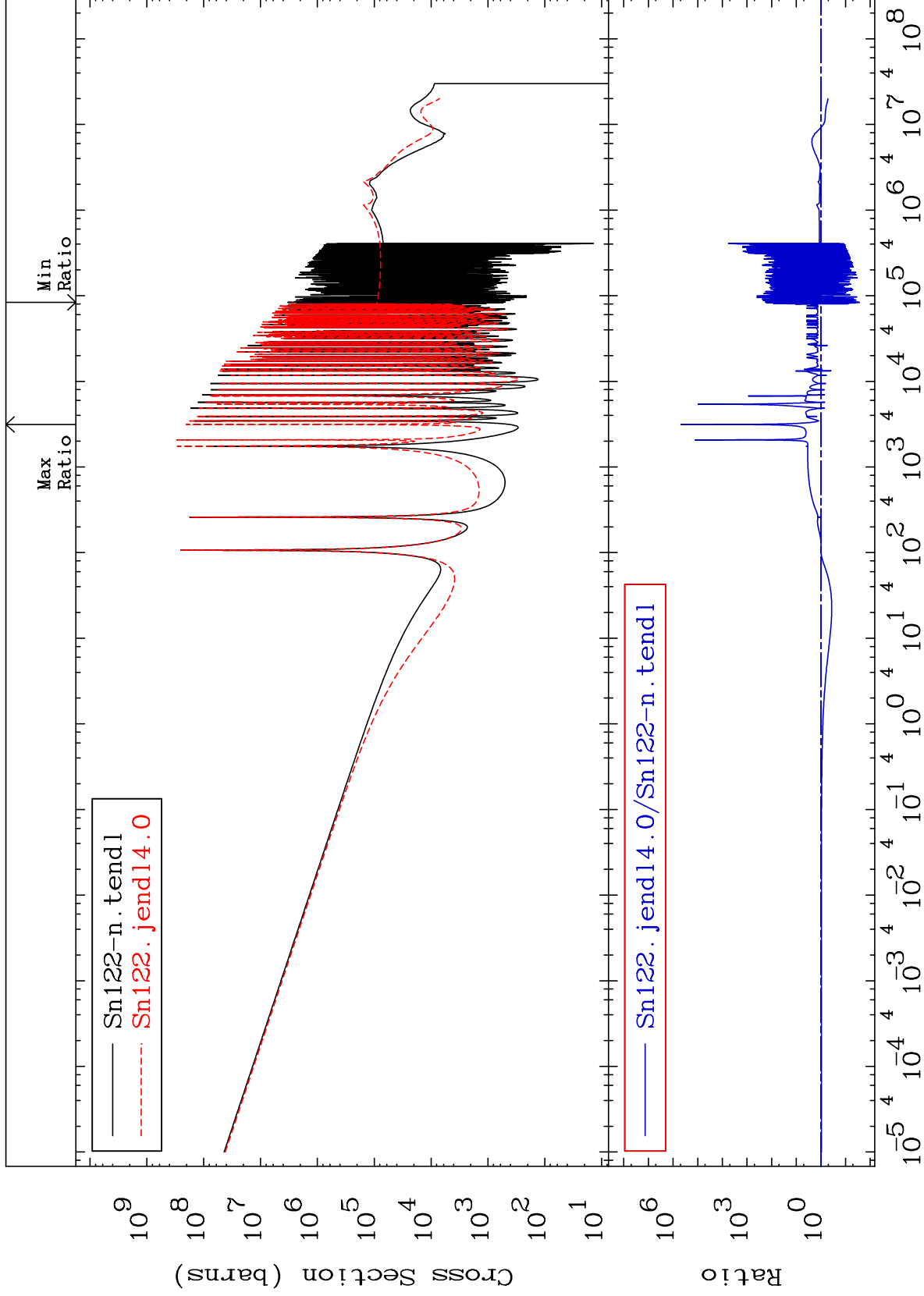
Incident Energy (eV)

50-Sn-122

MAT 5055

Kerma capture (mt102)
Cross Section

50-Sn-122
-97.29 To 9999. %



53

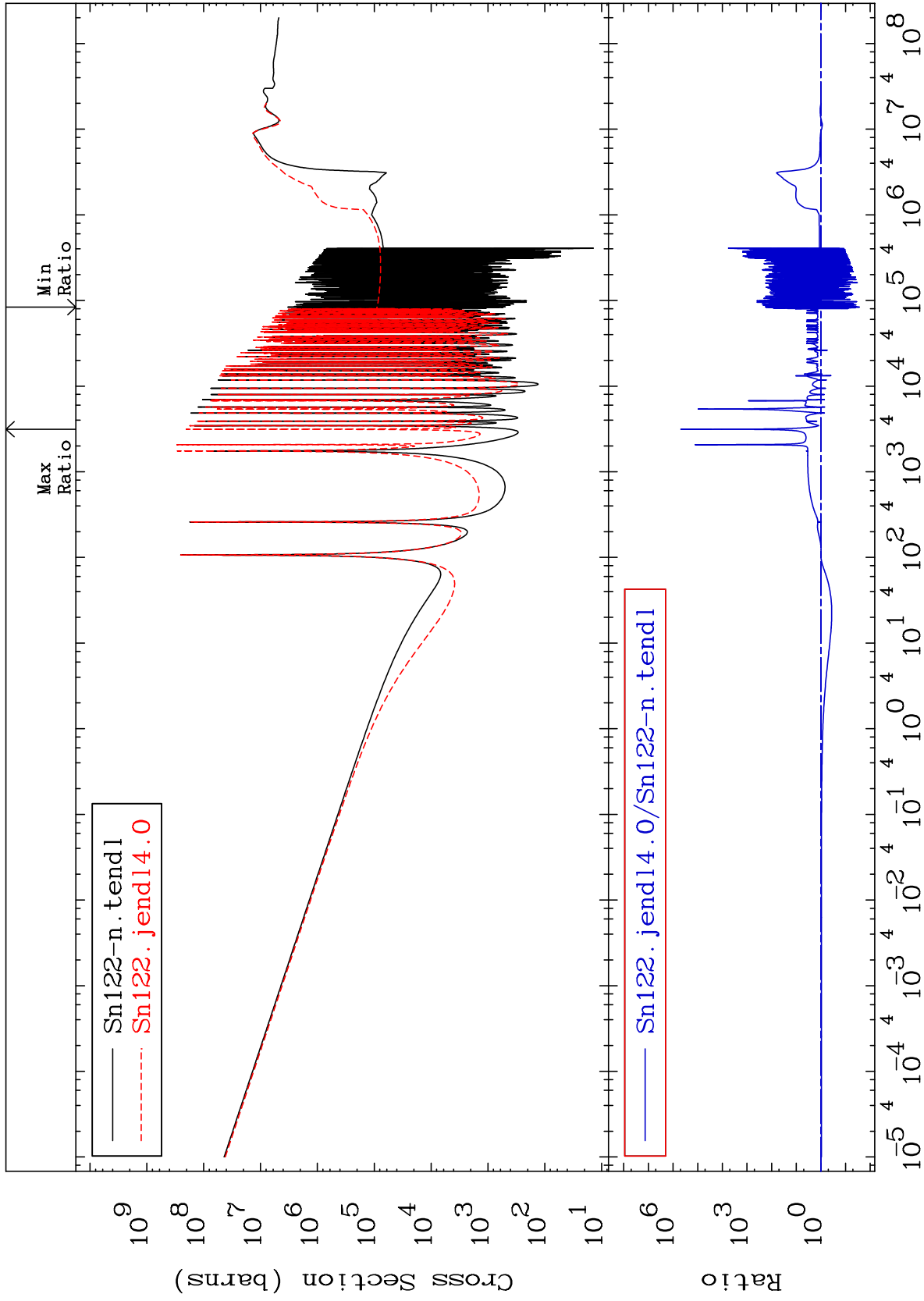
Incident Energy (eV)

50-Sn-122

MAT 5055

Total photon (eV-barns)
Cross Section

50-Sn-122
-97.29 To 9999. %

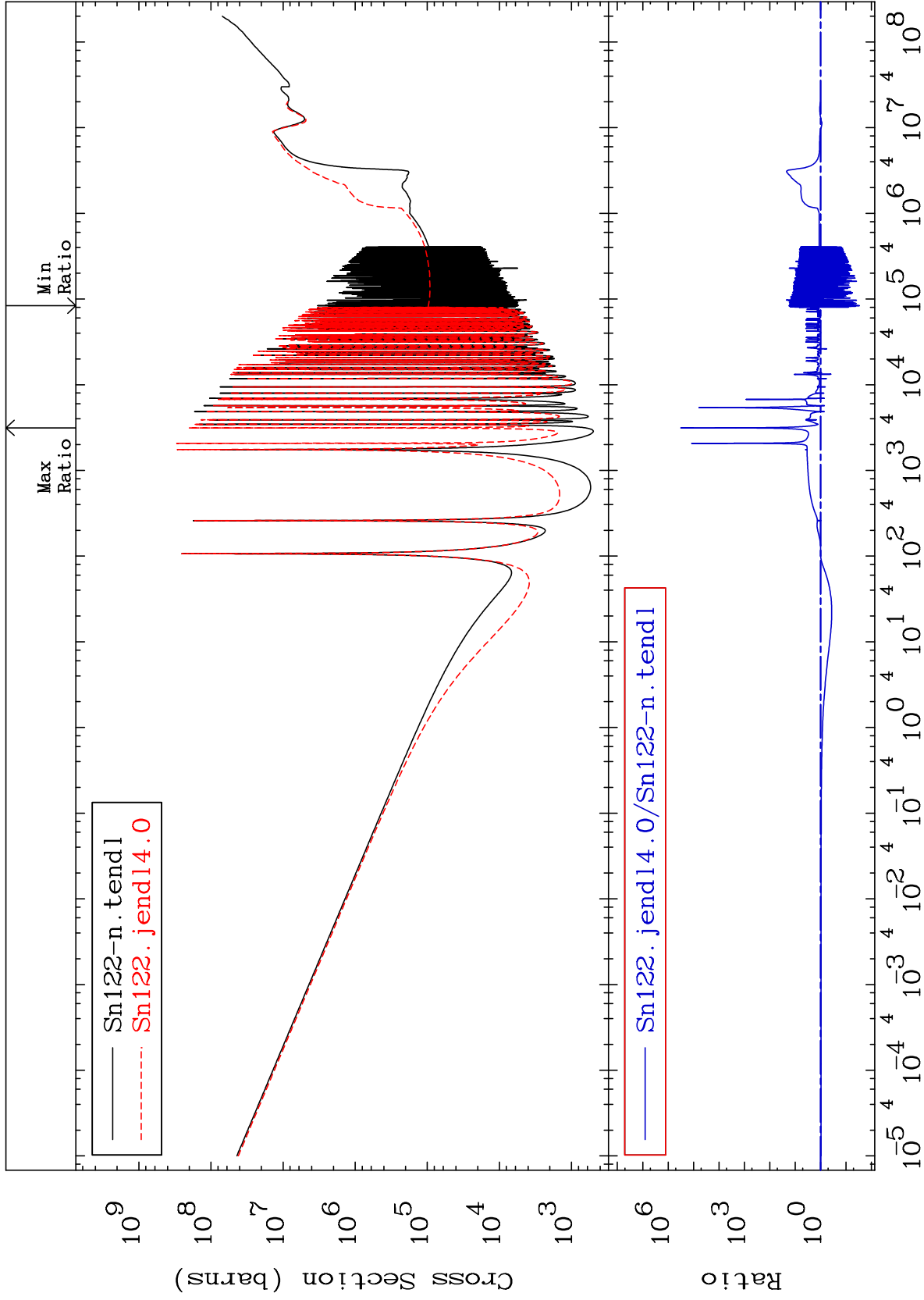


MAT 5055

Total kinematic kerma (high limit)
Cross Section

50-Sn-122

-97.08 To 9999. %



55

Incident Energy (eV)

50-Sn-122

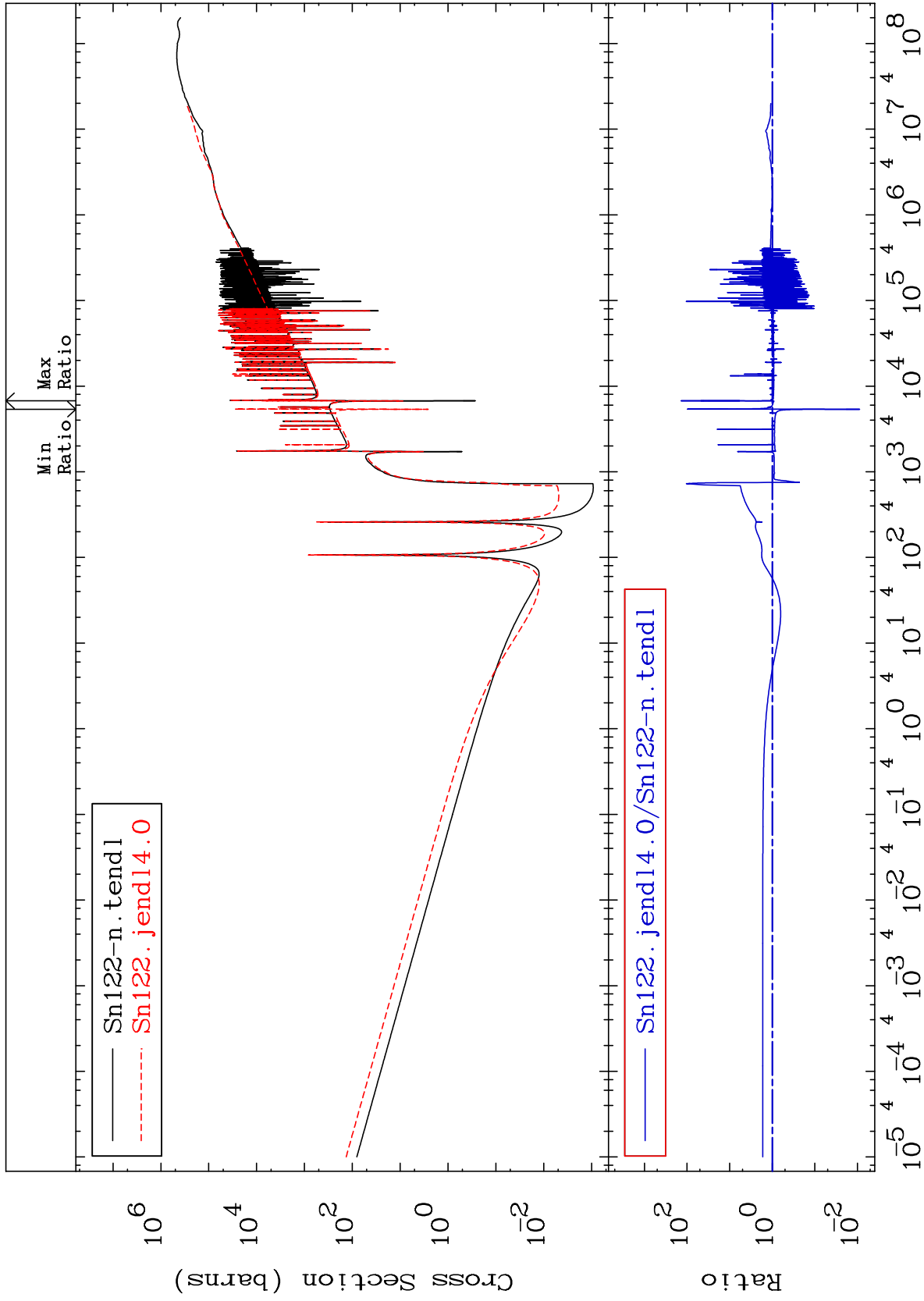
MAT 5055

Dpa total (eV-barns)

50-Sn-122

Cross Section

-99.11 To 9999. %



56

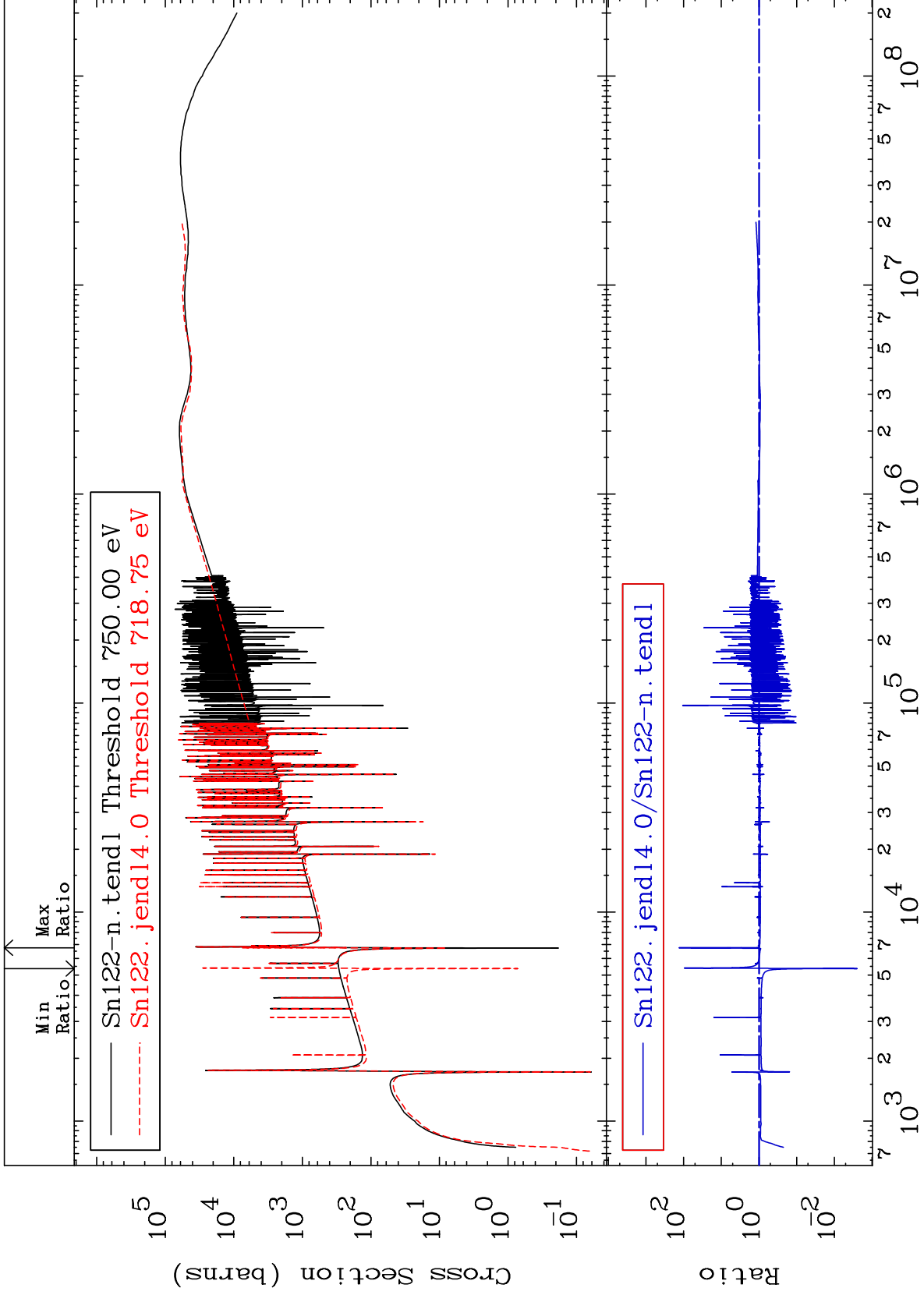
Incident Energy (eV)

50-Sn-122

MAT 5055

Dpa elastic (mt2)
Cross Section

50-Sn-122
-99.75 To 9999. %



57

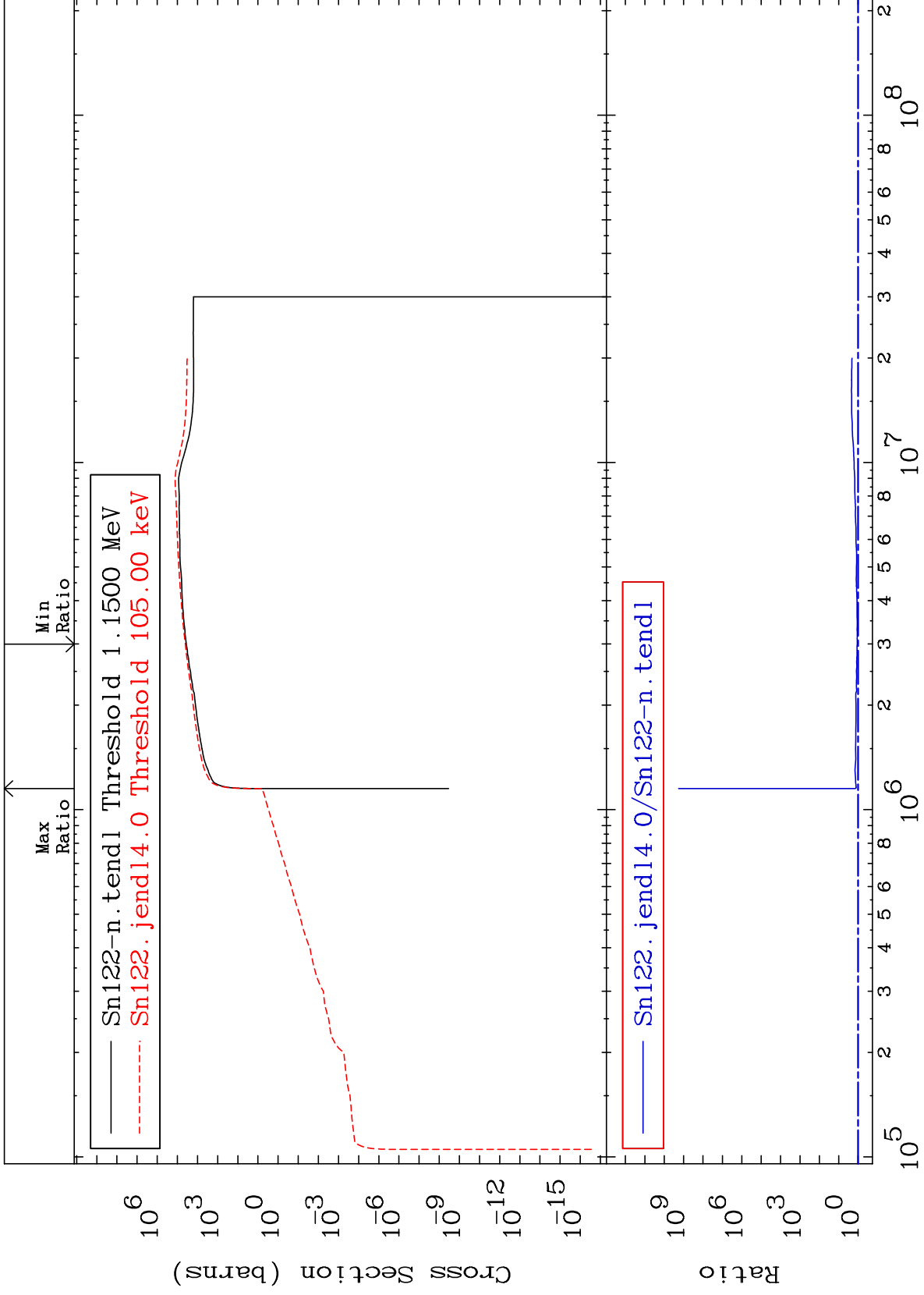
Incident Energy (eV)

50-Sn-122

MAT 5055

Dpa inelastic (mt51-91)
Cross Section

50-Sn-122
11.44 To 9999. %



58

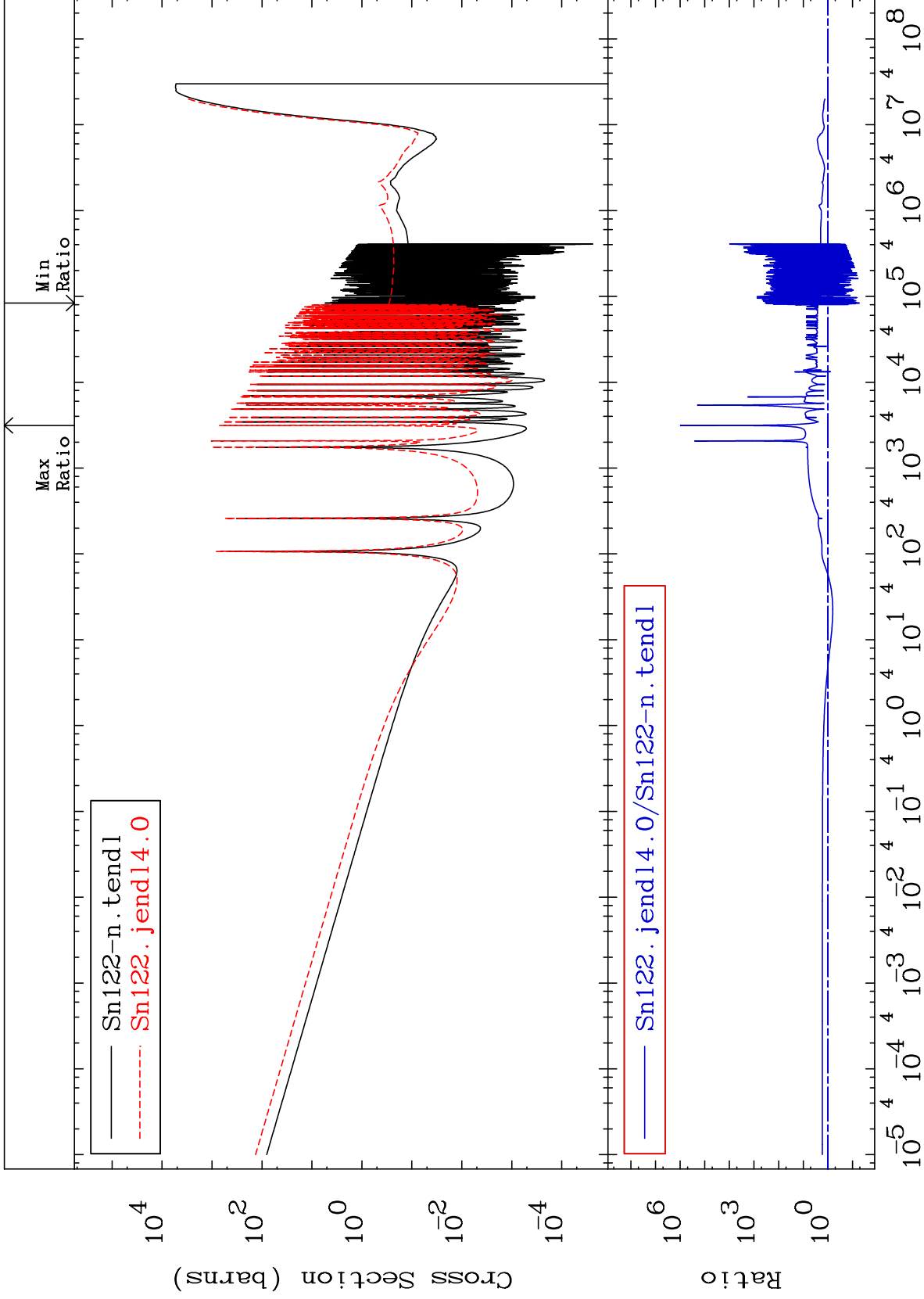
Incident Energy (eV)

50-Sn-122

MAT 5055

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-122
-94.77 To 9999. %



59

Incident Energy (eV)

50-Sn-122