

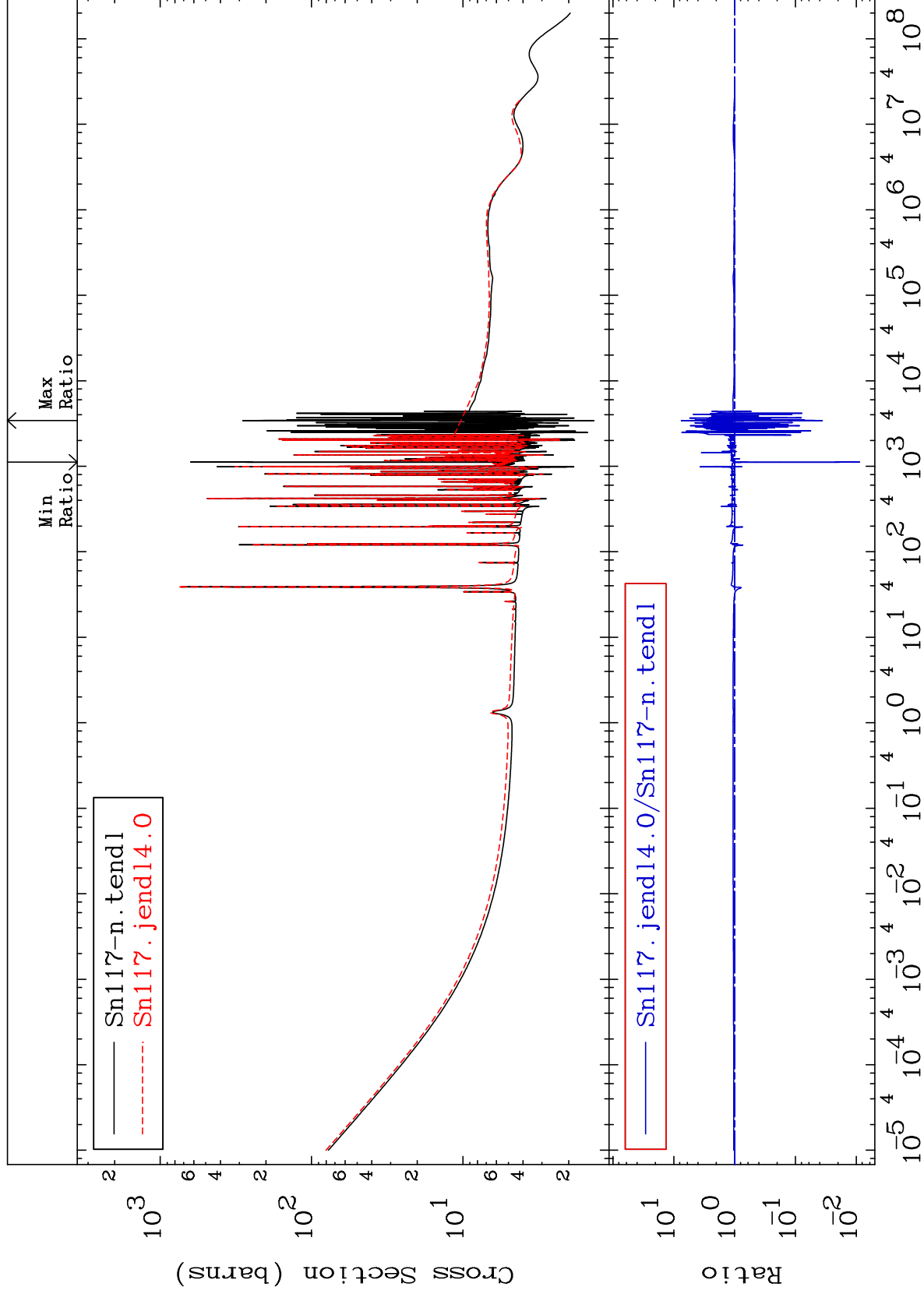
MAT 5040

Total

50-Sn-117

Cross Section

-99.12 To 655.8 %



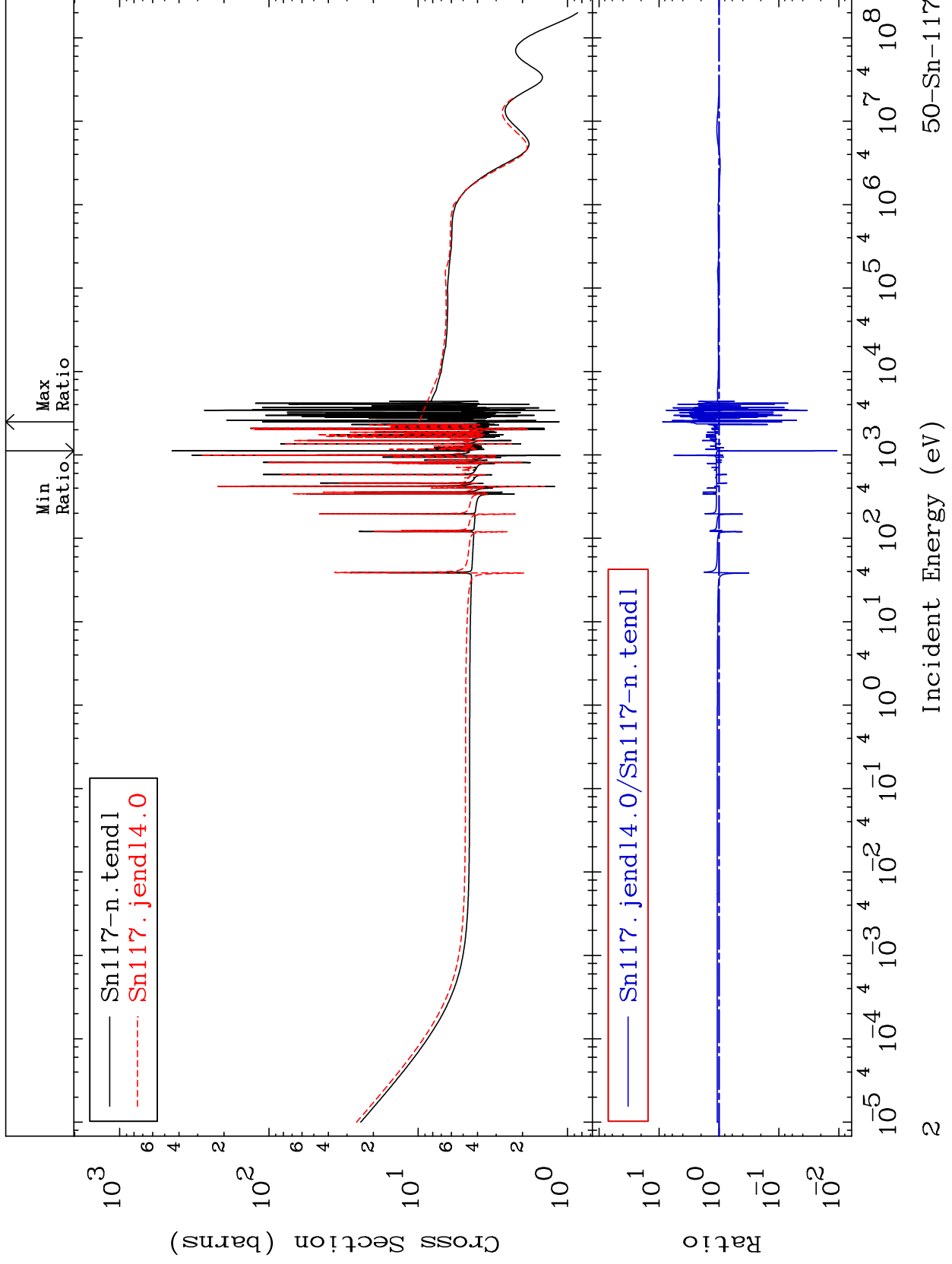
Incident Energy (eV)

50-Sn-117

MAT 5040

Elastic
Cross Section

50-Sn-117
-98.92 To 765.7 %

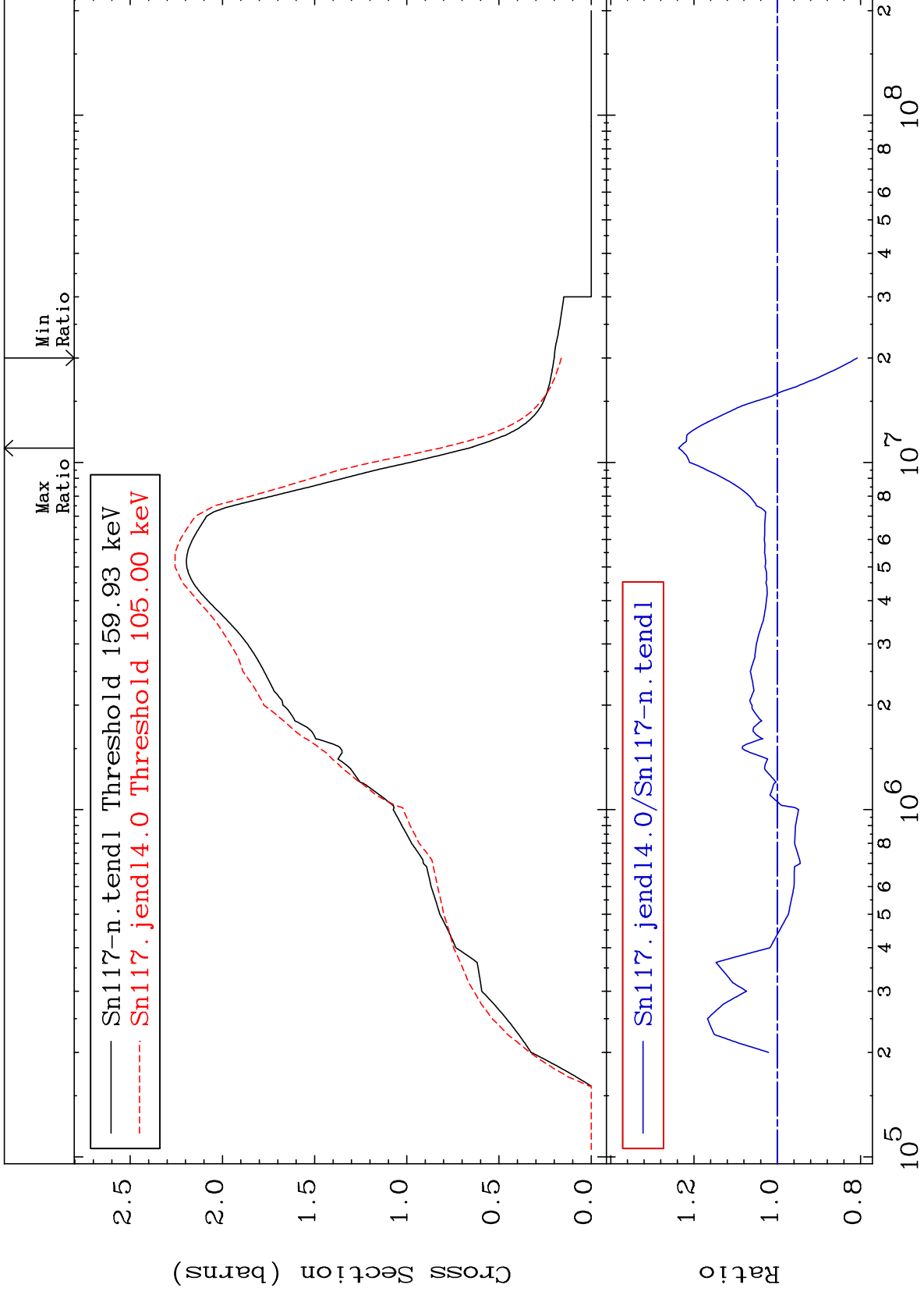


50-Sn-117

MAT 5040

Inelastic
Cross Section

50-Sn-117
-19.20 To 23.70 %



Incident Energy (eV)

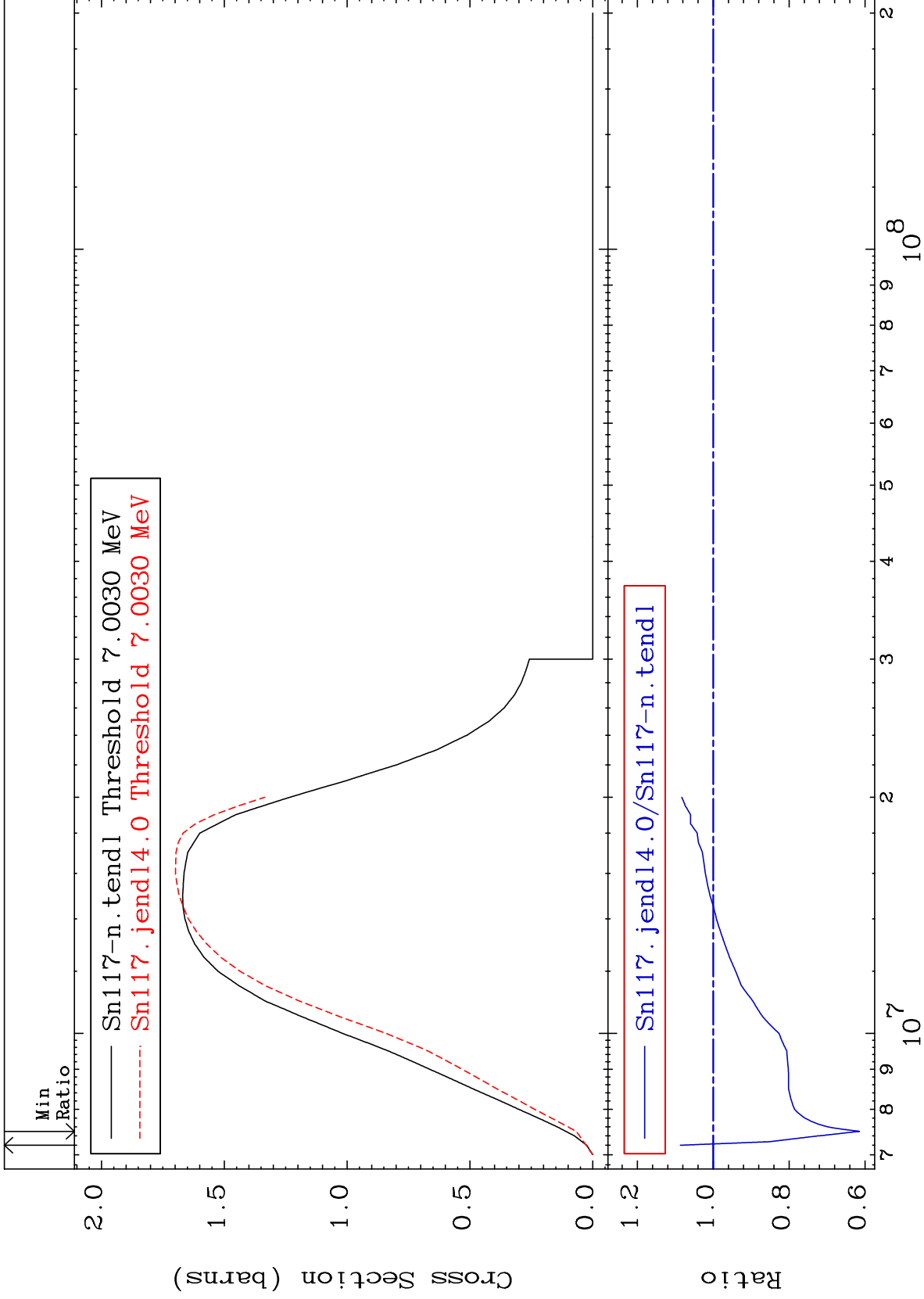
50-Sn-117

3

MAT 5040

(n,2n)
Cross Section

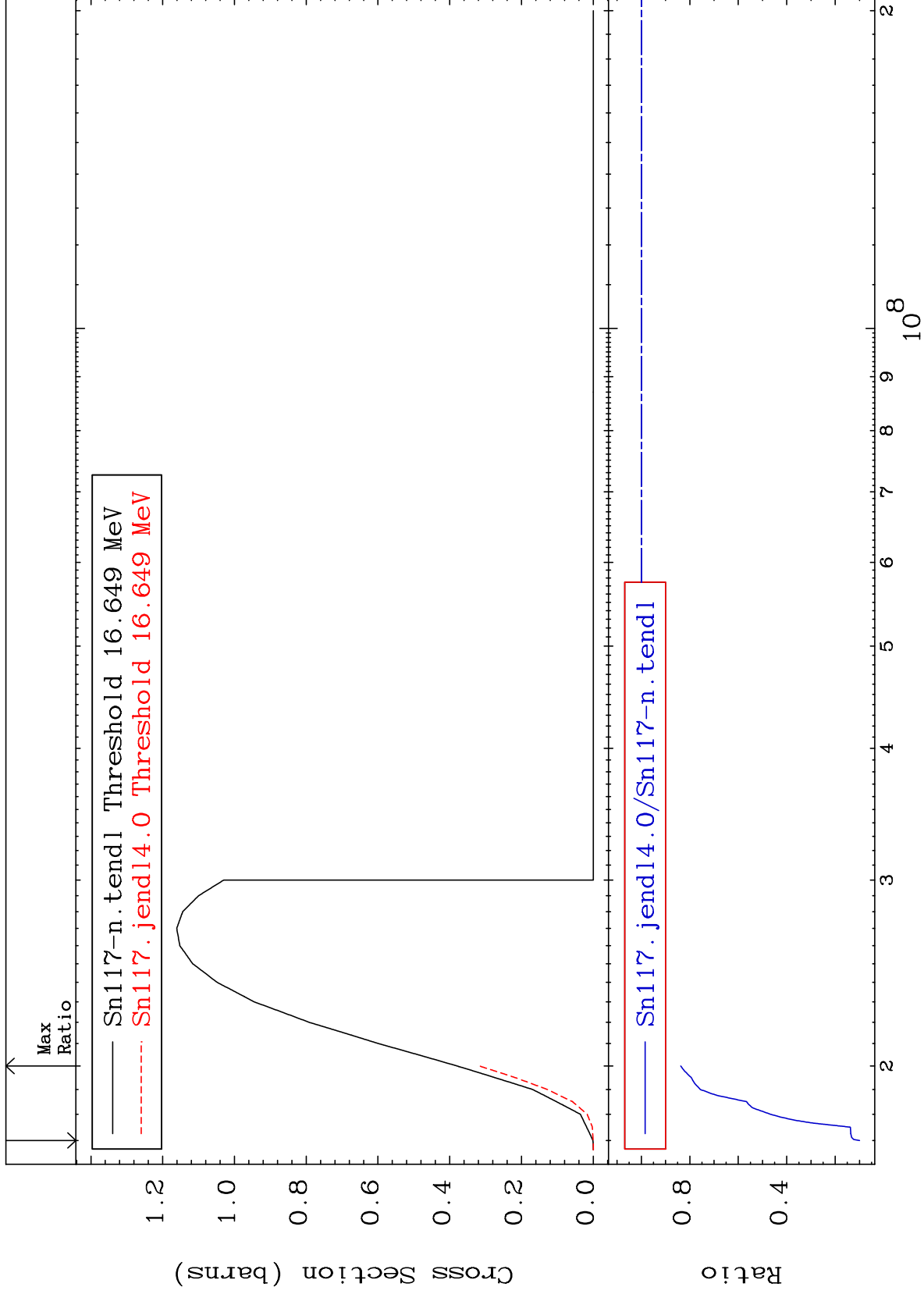
50-Sn-117
-38.54 To 8.675 %



MAT 5040

(n,3n)
Cross Section

50-Sn-117
-90.03 To -16.28%



5

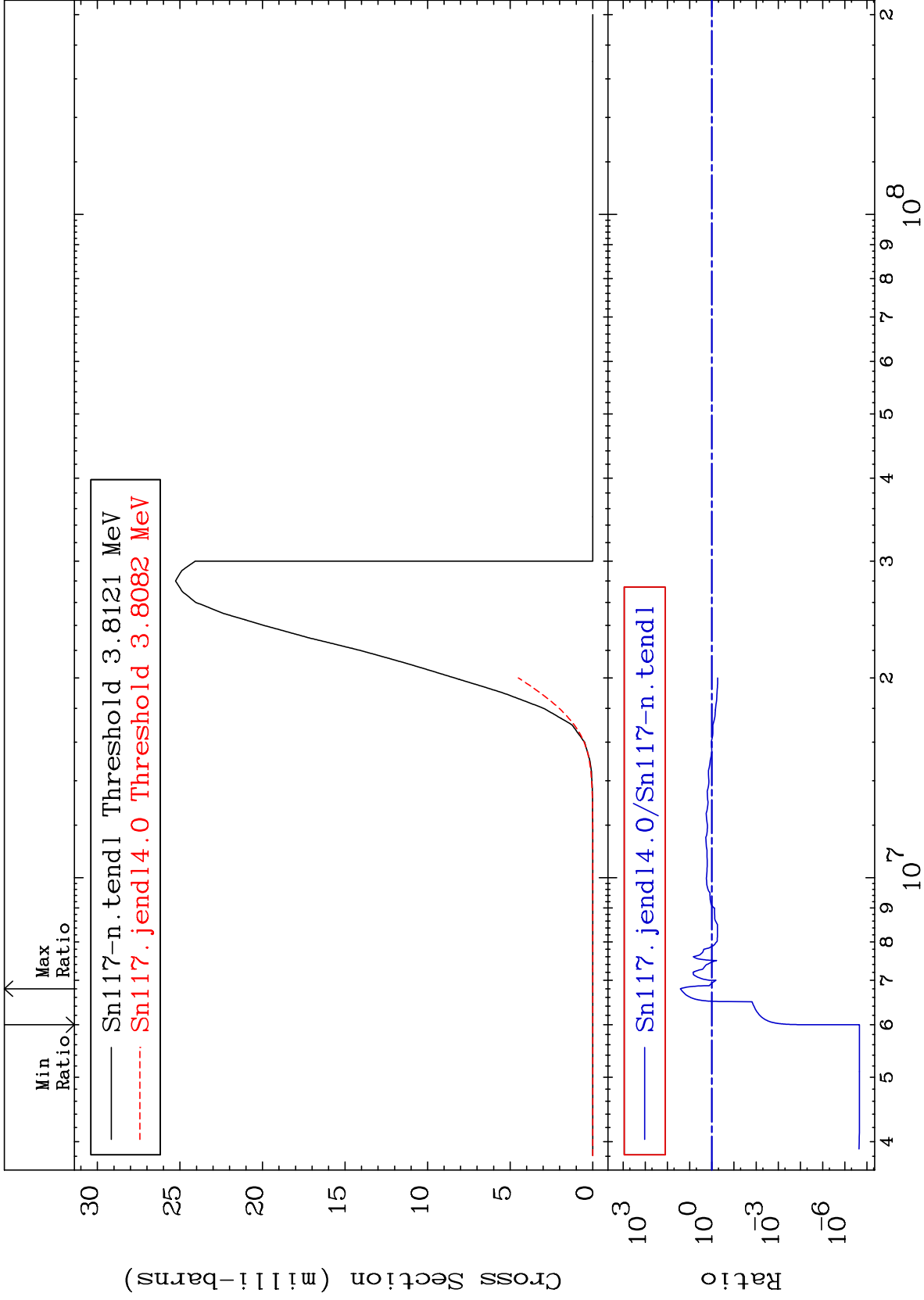
Incident Energy (eV)

50-Sn-117

MAT 5040

(n,n') α
Cross Section

50-Sn-117
-100.0 To 2513. %



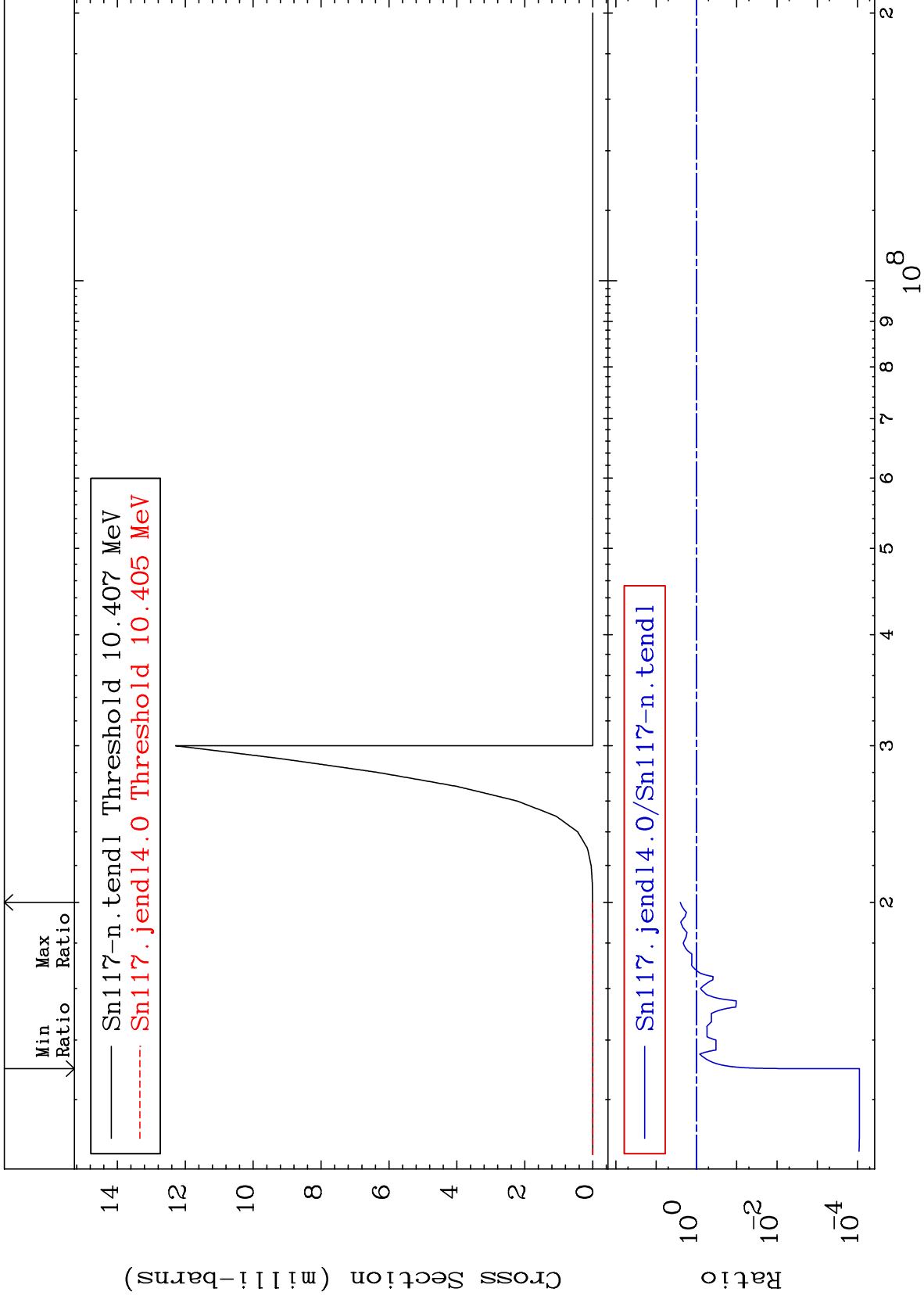
6

50-Sn-117

MAT 5040

(n,2n) α
Cross Section

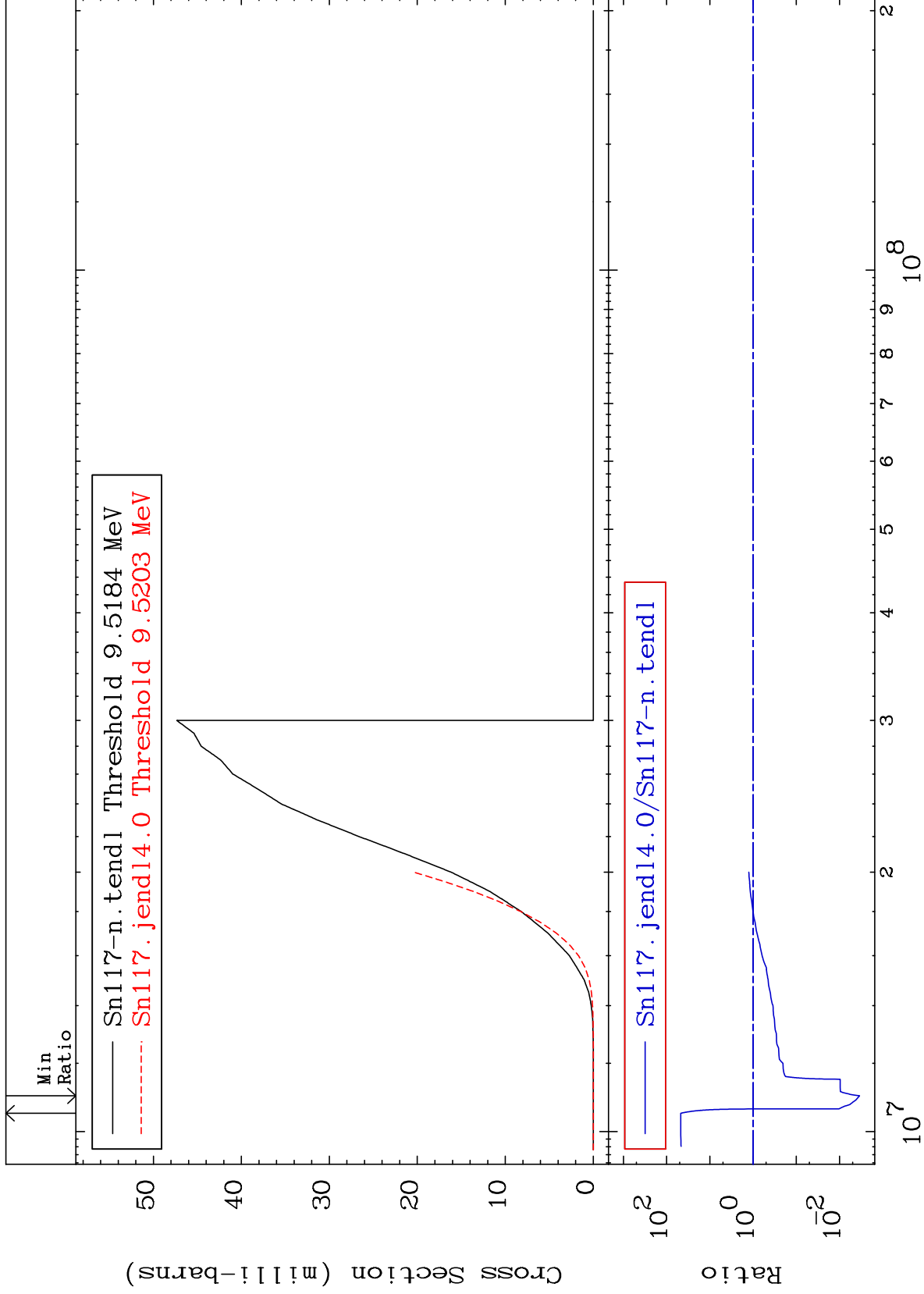
50-Sn-117
-99.99 To 150.1 %



MAT 5040

(n,n') p
Cross Section

50-Sn-117
-99.65 To 4612. %

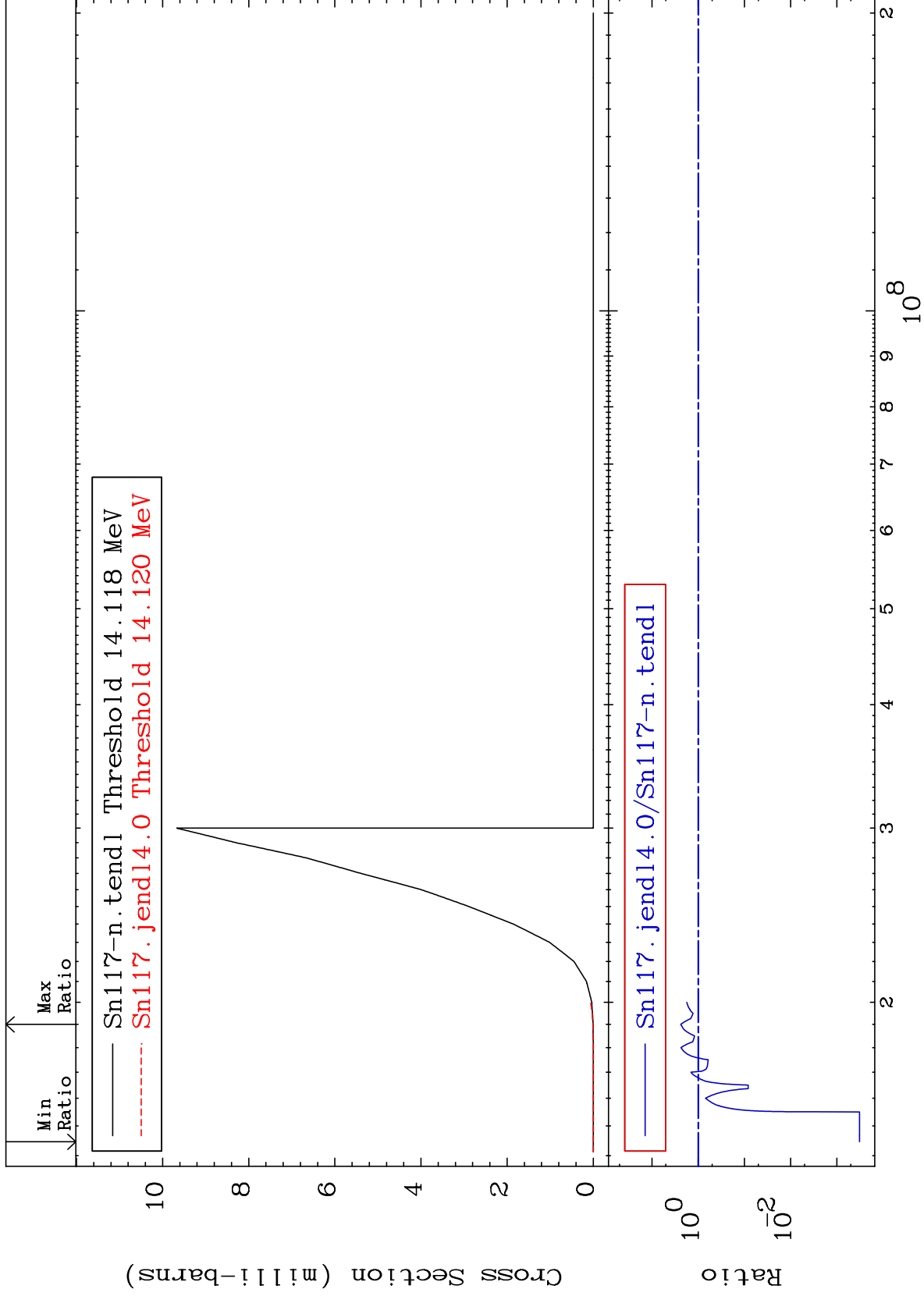


50-Sn-117

MAT 5040

(n,n') d
Cross Section

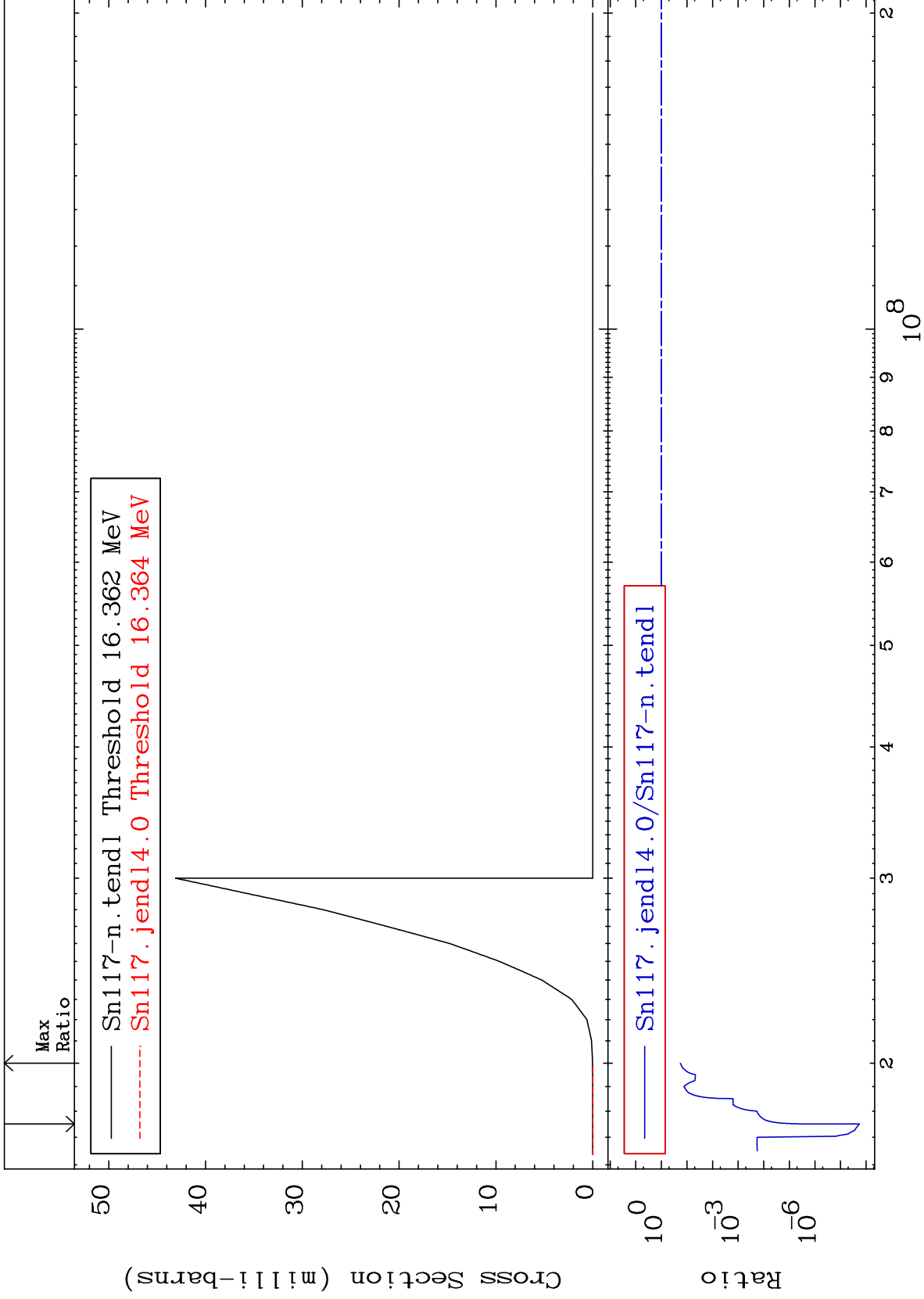
50-Sn-117
-99.97 To 137.6 %



MAT 5040

(n,2n) p
Cross Section

50-Sn-117
-100.0 To -81.87%



10

Incident Energy (eV)

50-Sn-117

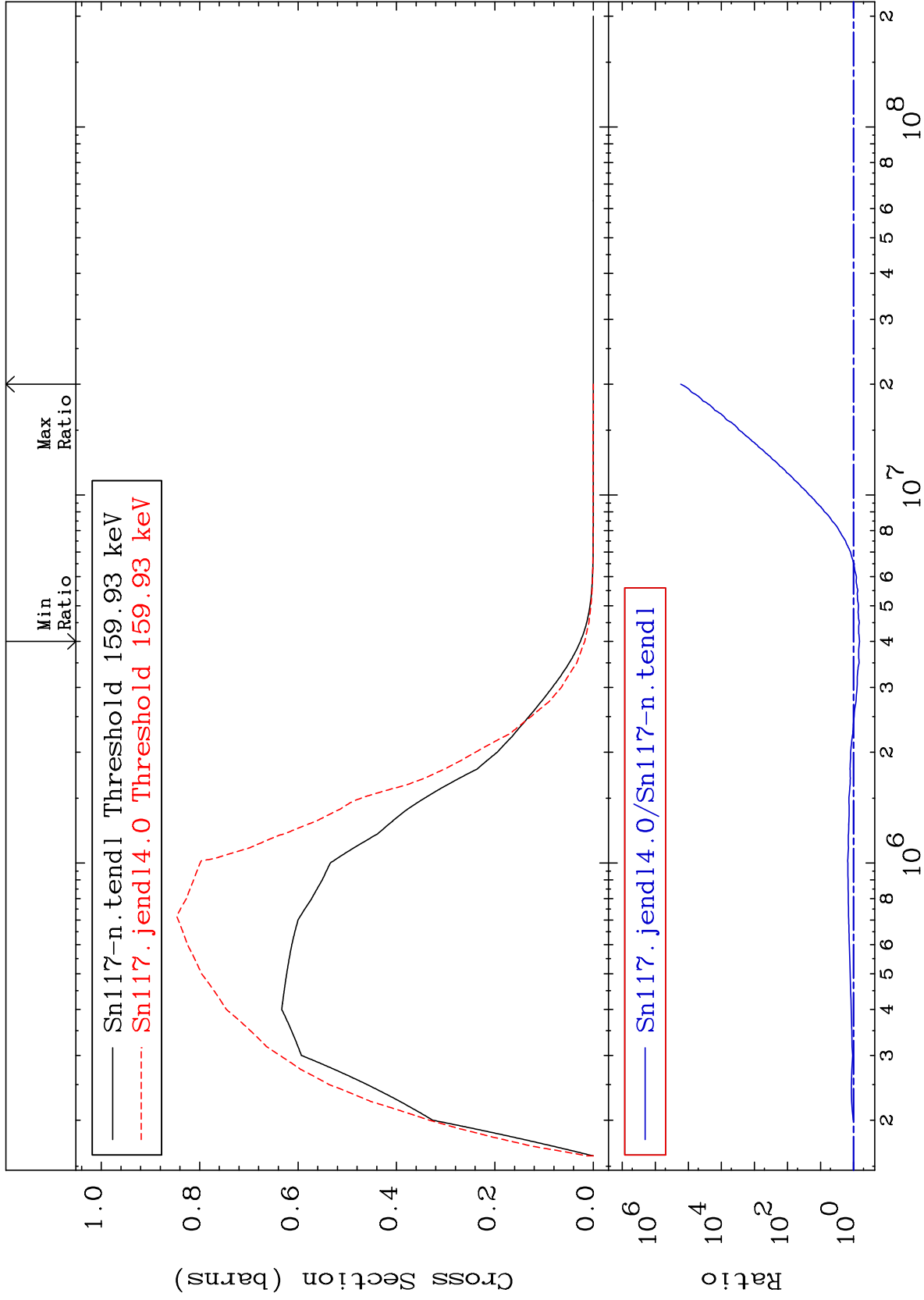
MAT 5040

158.6 keV (n,n') Level

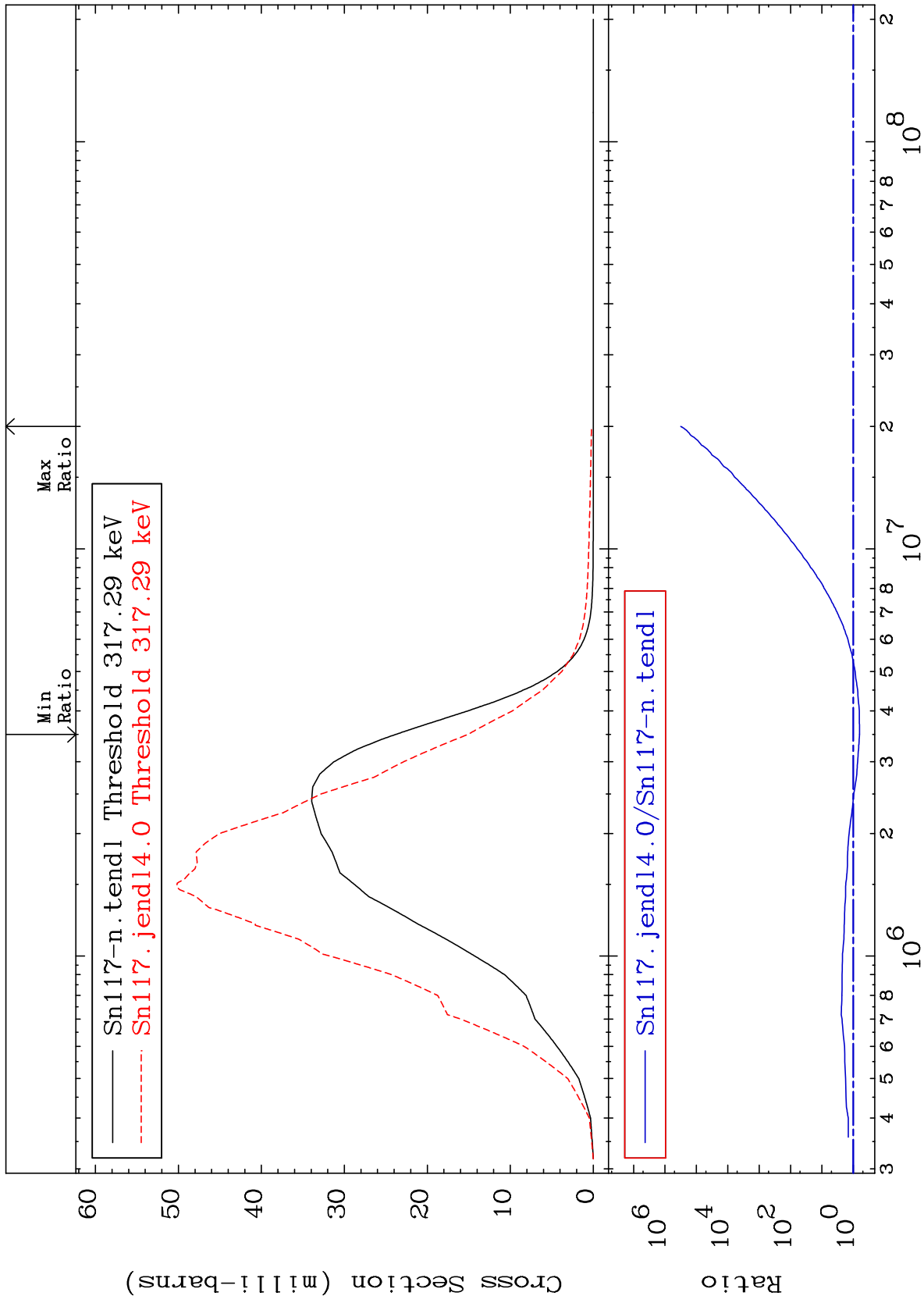
50-Sn-117

-33.95 To 9999. %

Cross Section



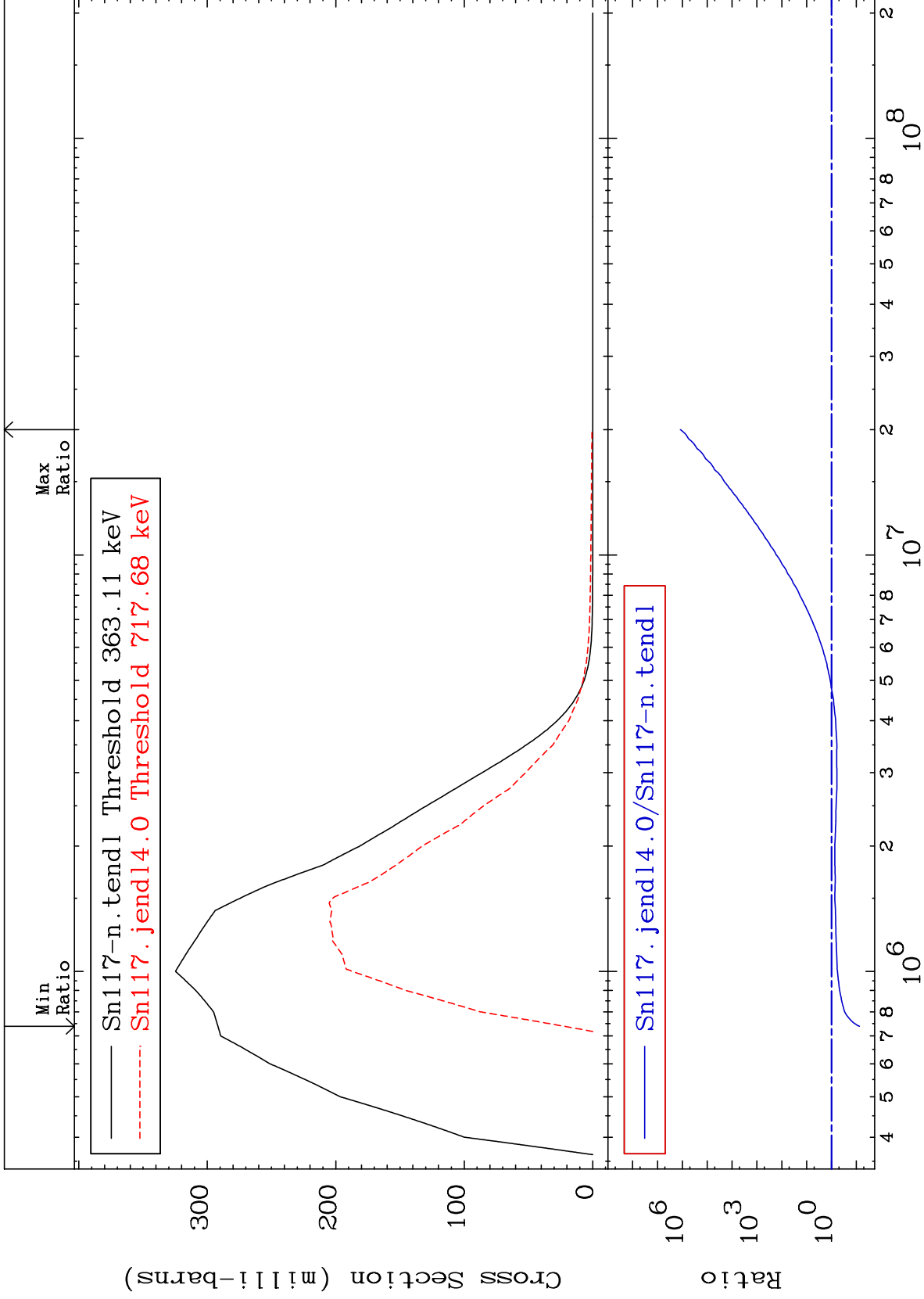
MAT 5040 314.6 keV (n,n') Level 50-Sn-117
 Cross Section -36.52 To 9999. %



MAT 5040

360.0 keV (n,n') Level
Cross Section

50-Sn-117
-92.49 To 9999. %



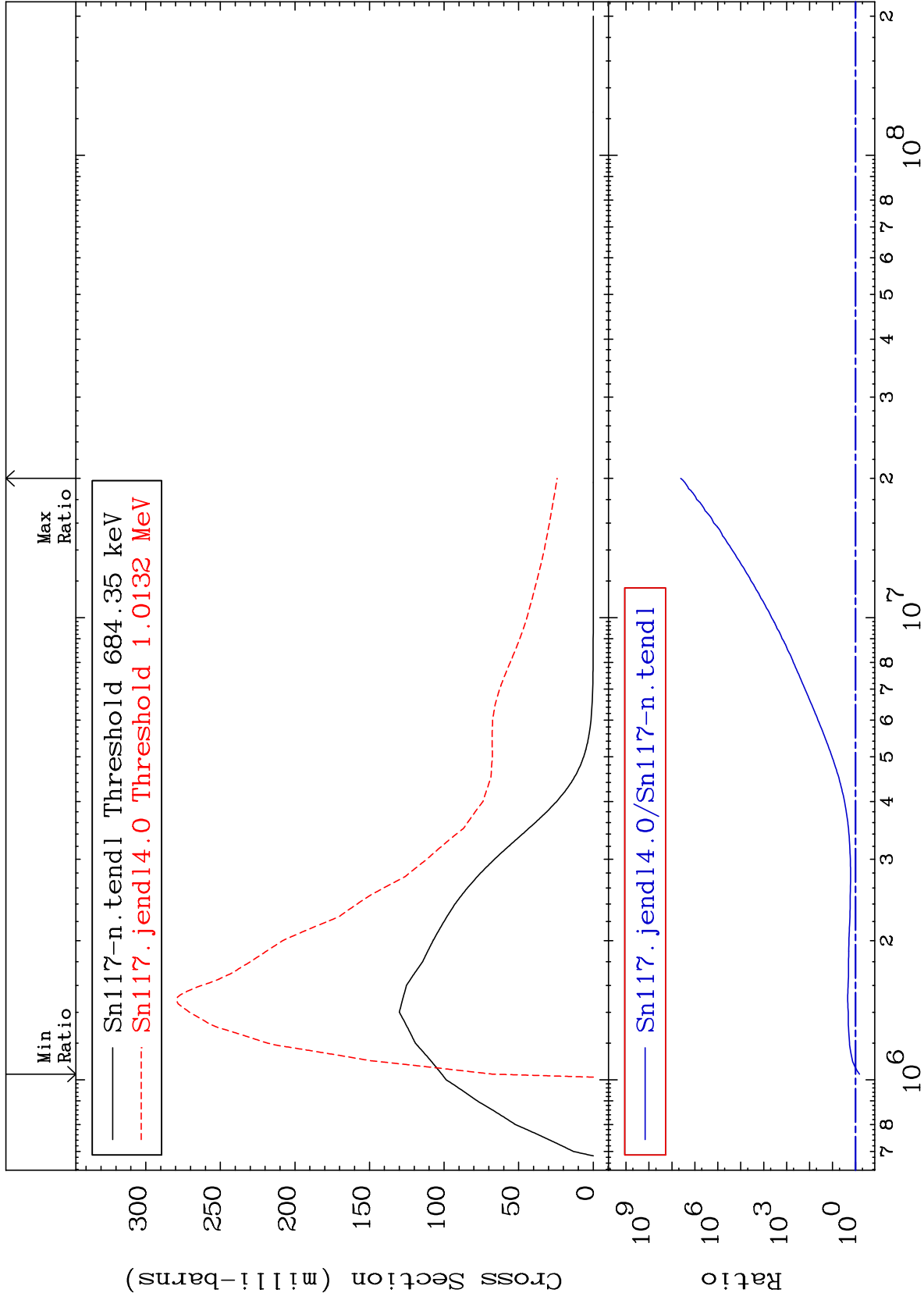
MAT 5040

678.5 keV (n,n') Level

50-Sn-117

-33.29 To 9999. %

Cross Section



14

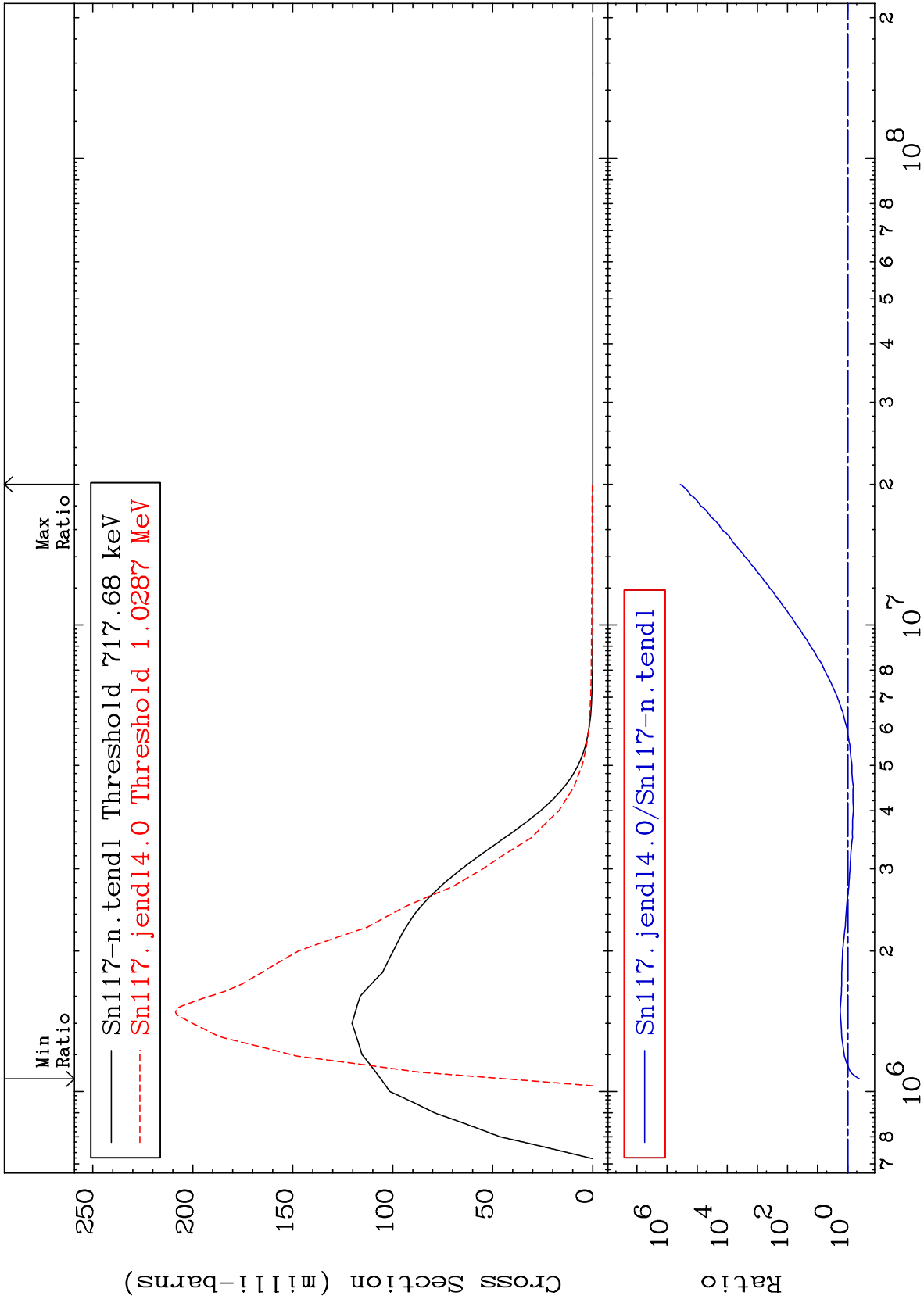
Incident Energy (eV)

50-Sn-117

MAT 5040

711.5 keV (n,n') Level
Cross Section

50-Sn-117
-59.21 To 9999. %



15

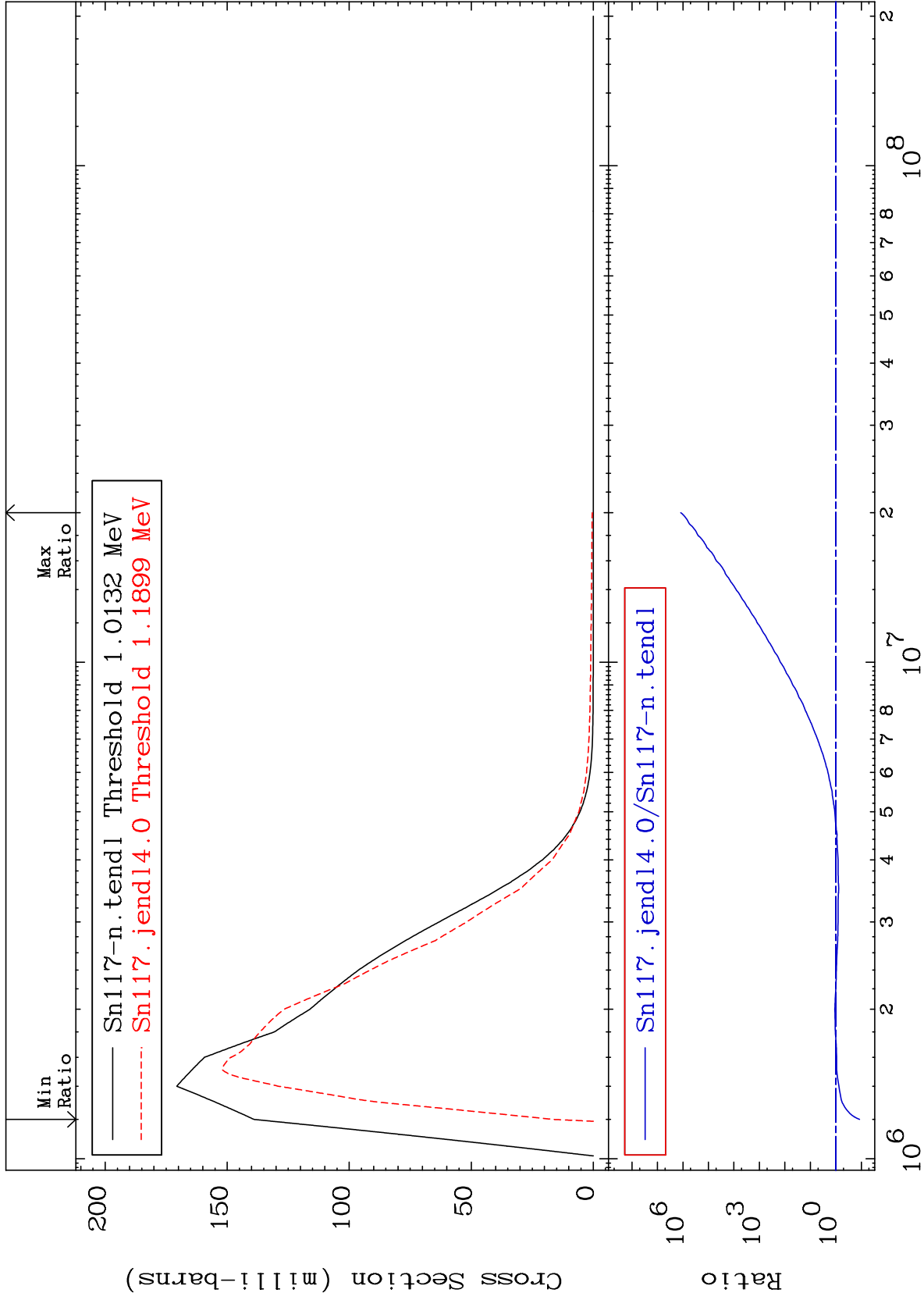
MAT 5040

1.005 MeV (n,n') Level

50-Sn-117

-88.27 To 9999. %

Cross Section



16

Incident Energy (eV)

50-Sn-117

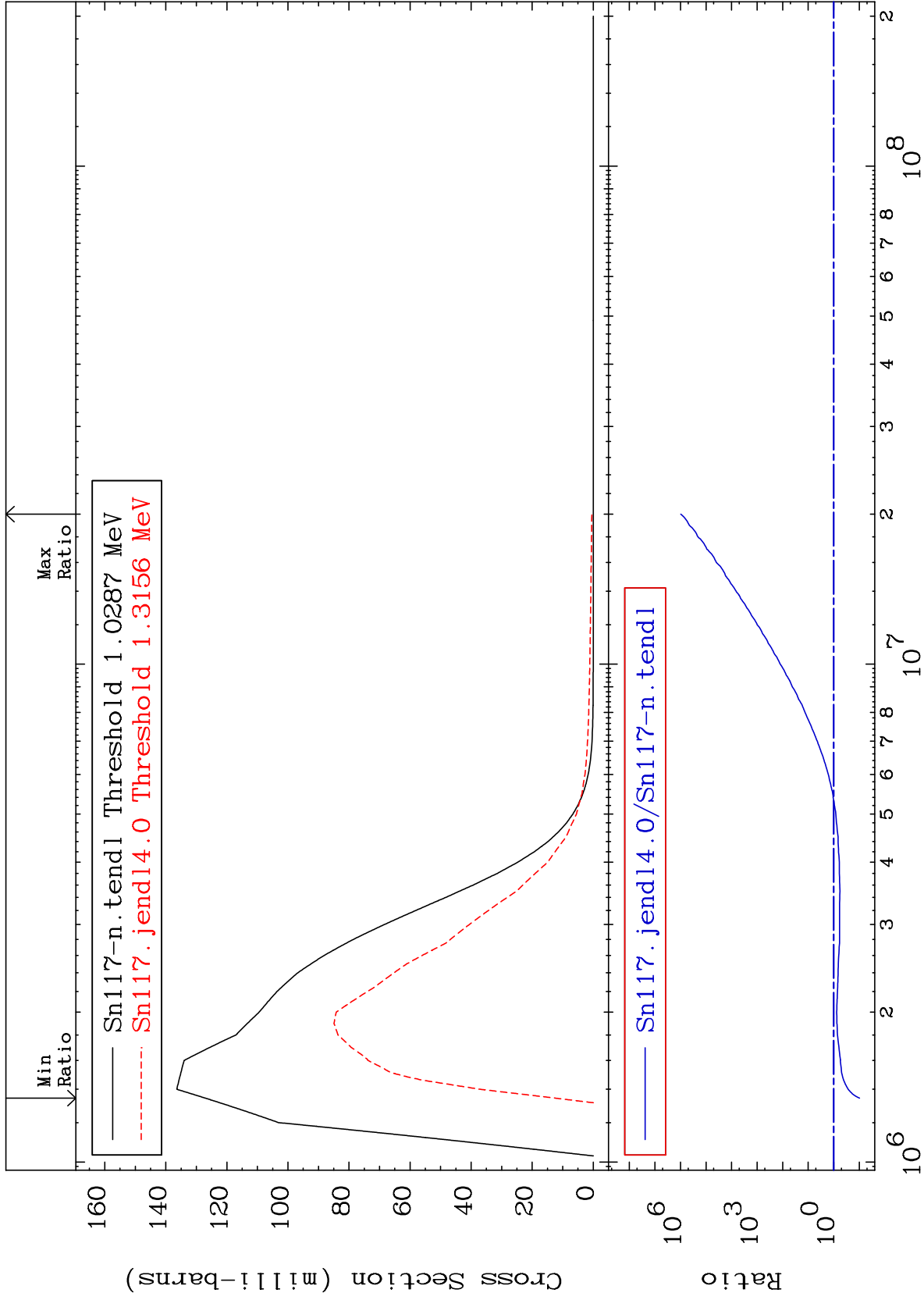
MAT 5040

1.020 MeV (n,n') Level

50-Sn-117

-90.22 To 9999. %

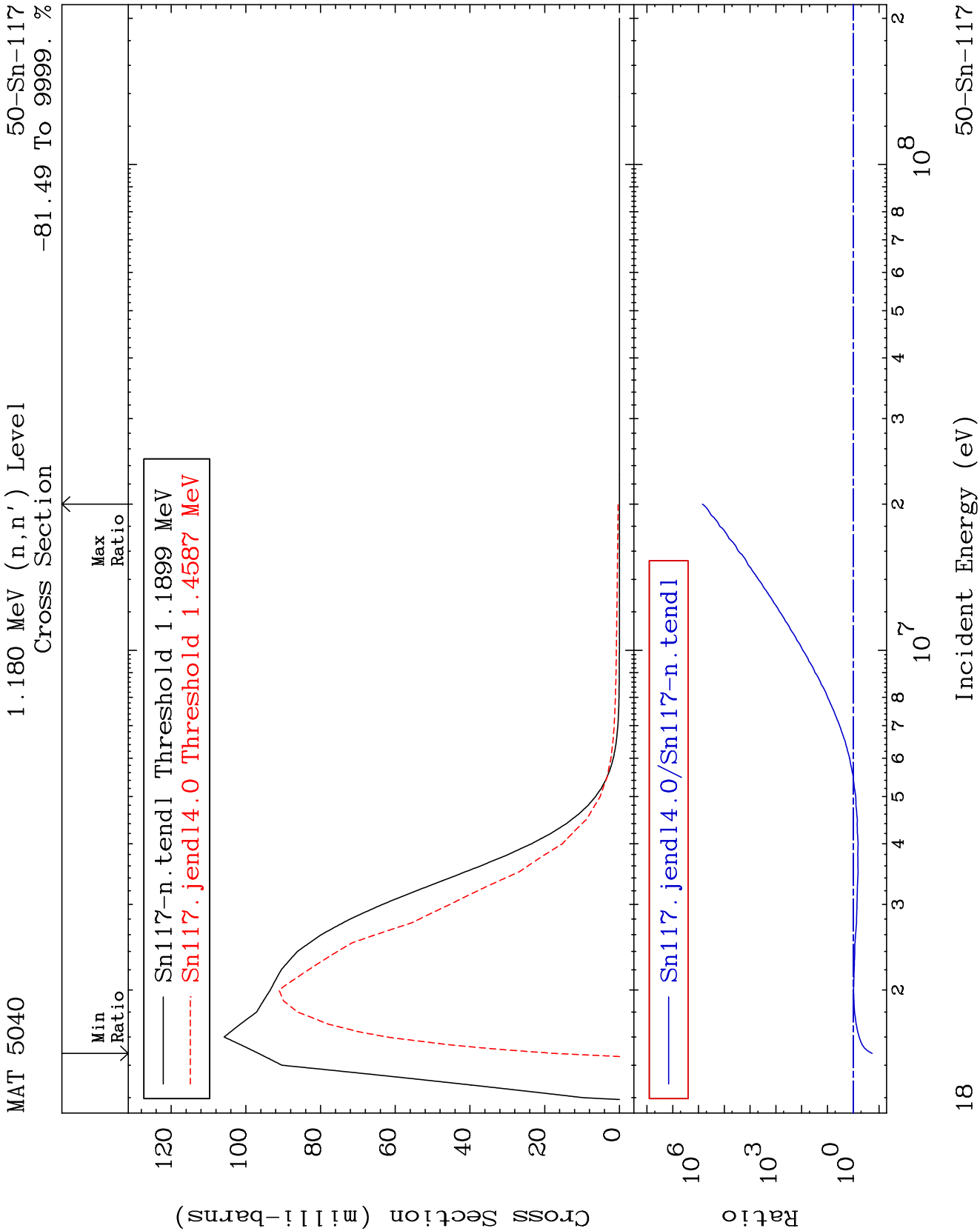
Cross Section



17

Incident Energy (eV)

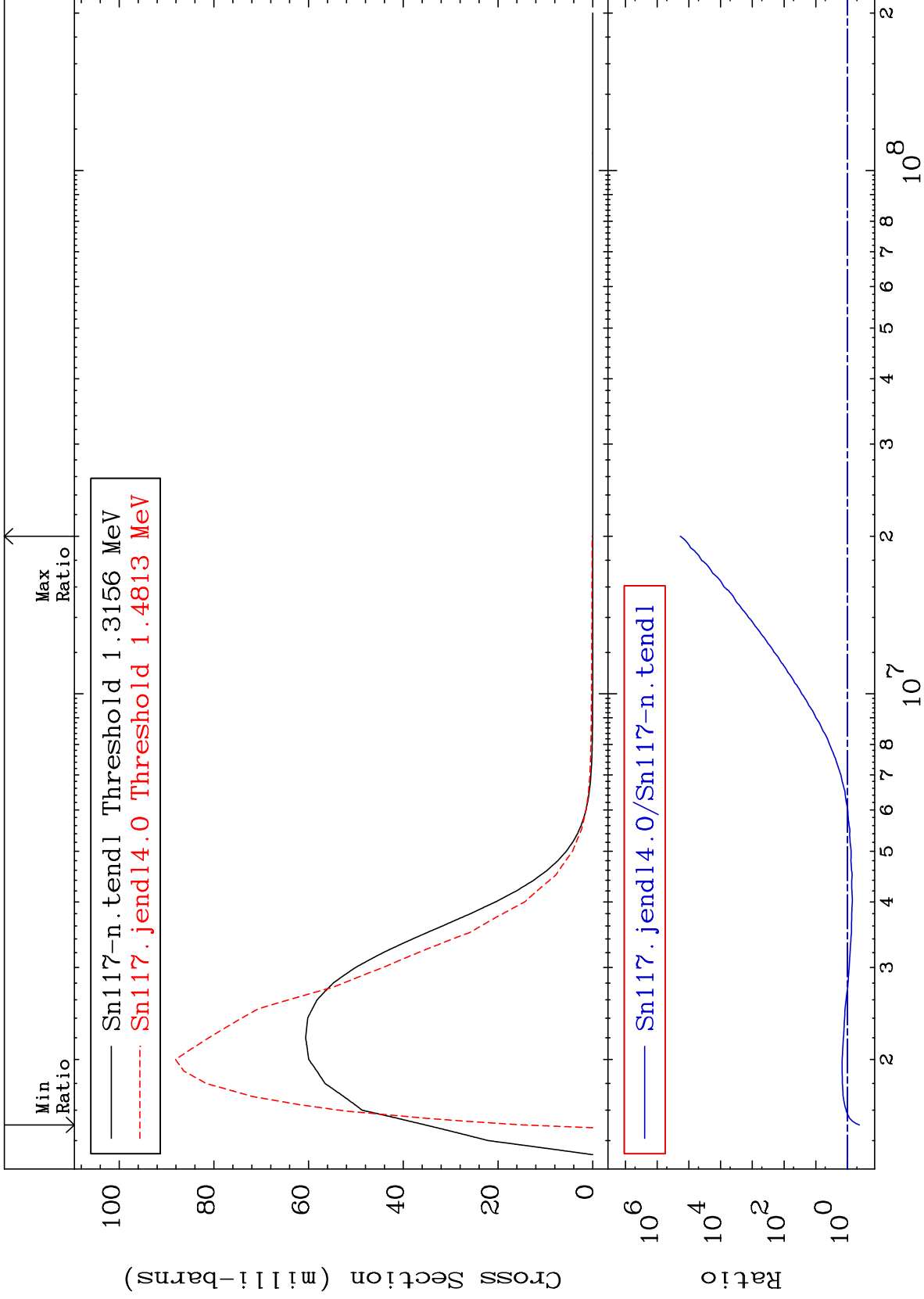
50-Sn-117



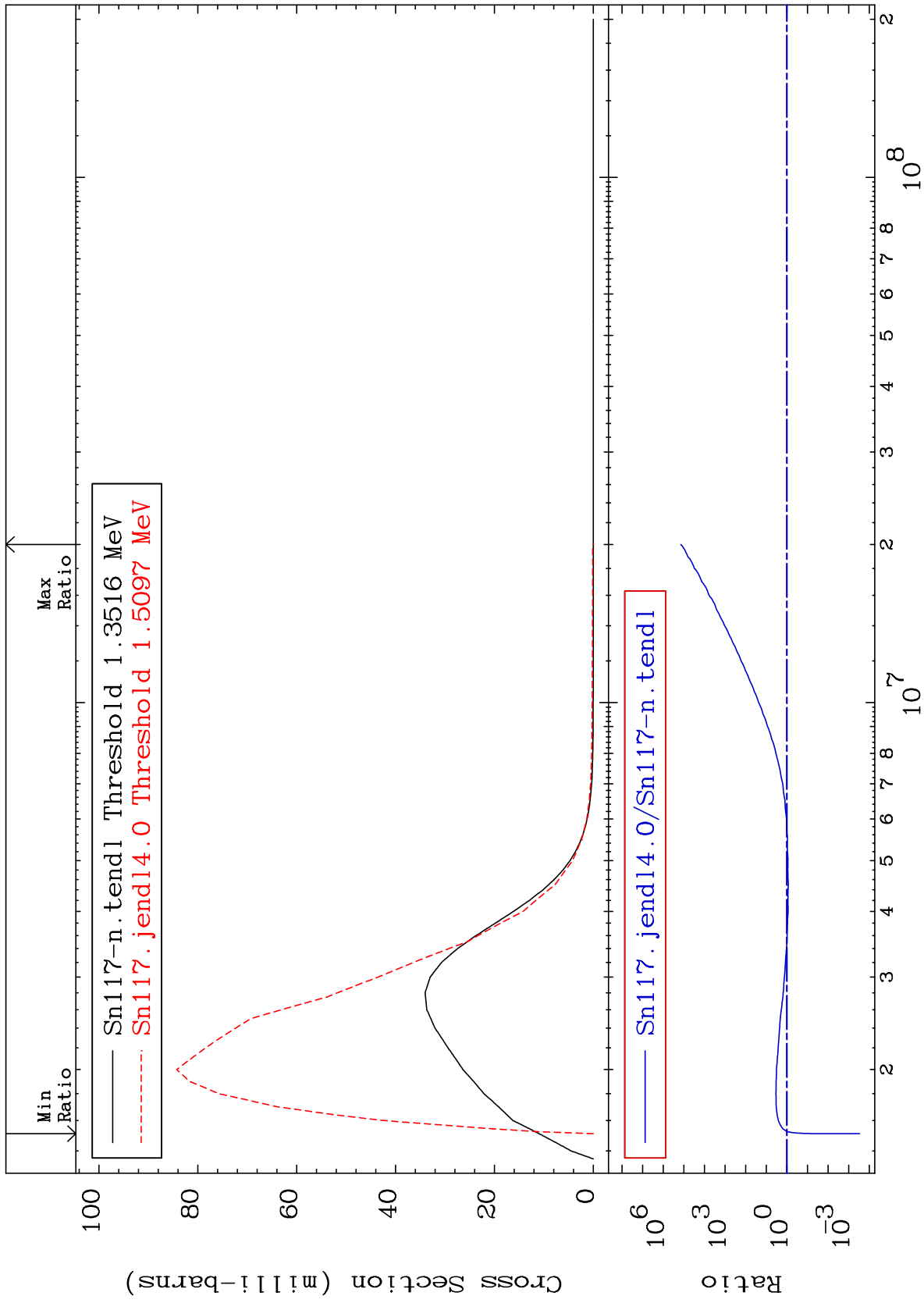
MAT 5040

1.304 MeV (n,n') Level
Cross Section

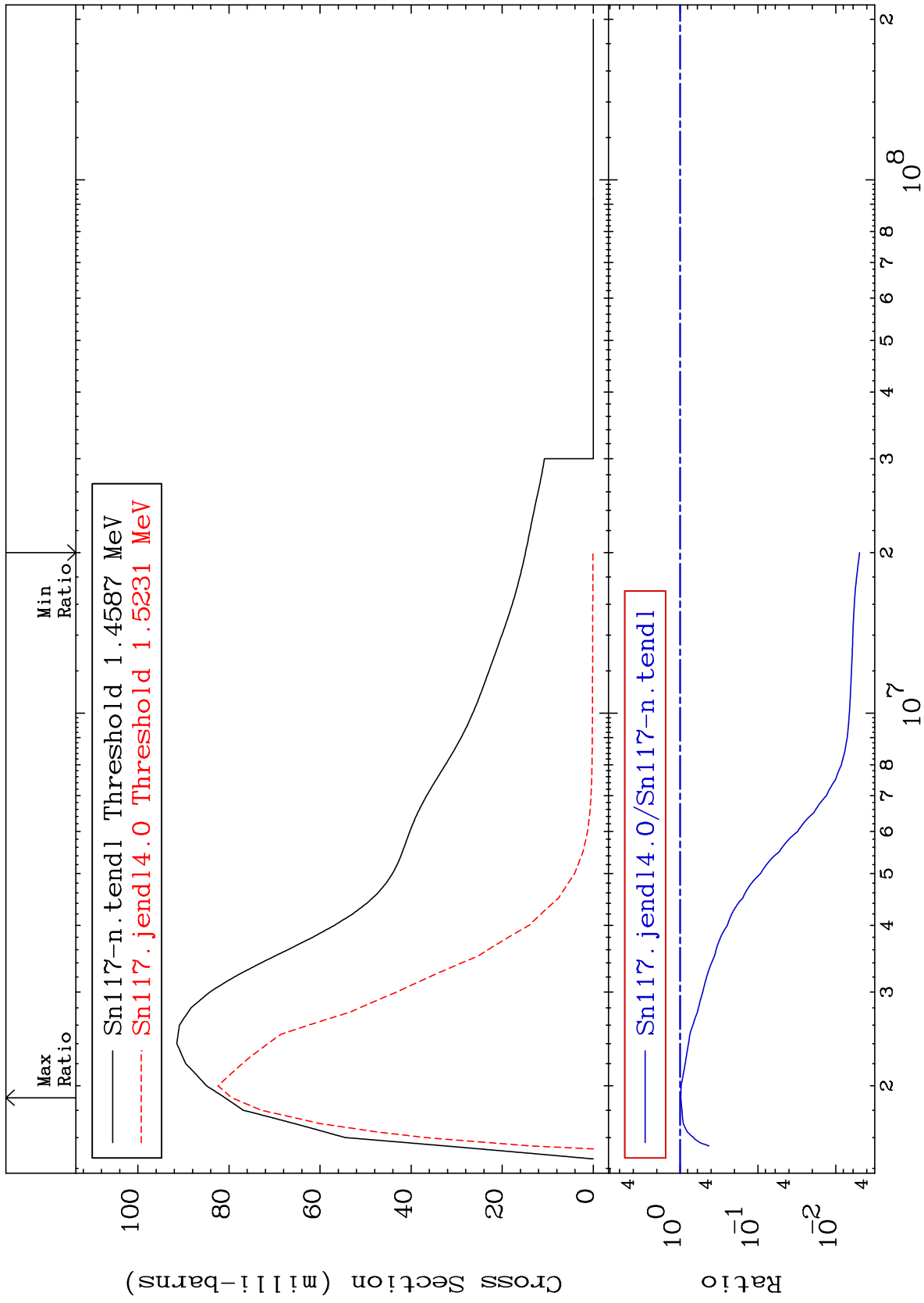
50-Sn-117
-58.01 To 9999. %



MAT 5040 1.340 MeV (n,n') Level 50-Sn-117
 Cross Section -99.97 To 9999. %



MAT 5040 1.446 MeV (n,n') Level 50-Sn-117
 Cross Section -99.51 To -1.817%



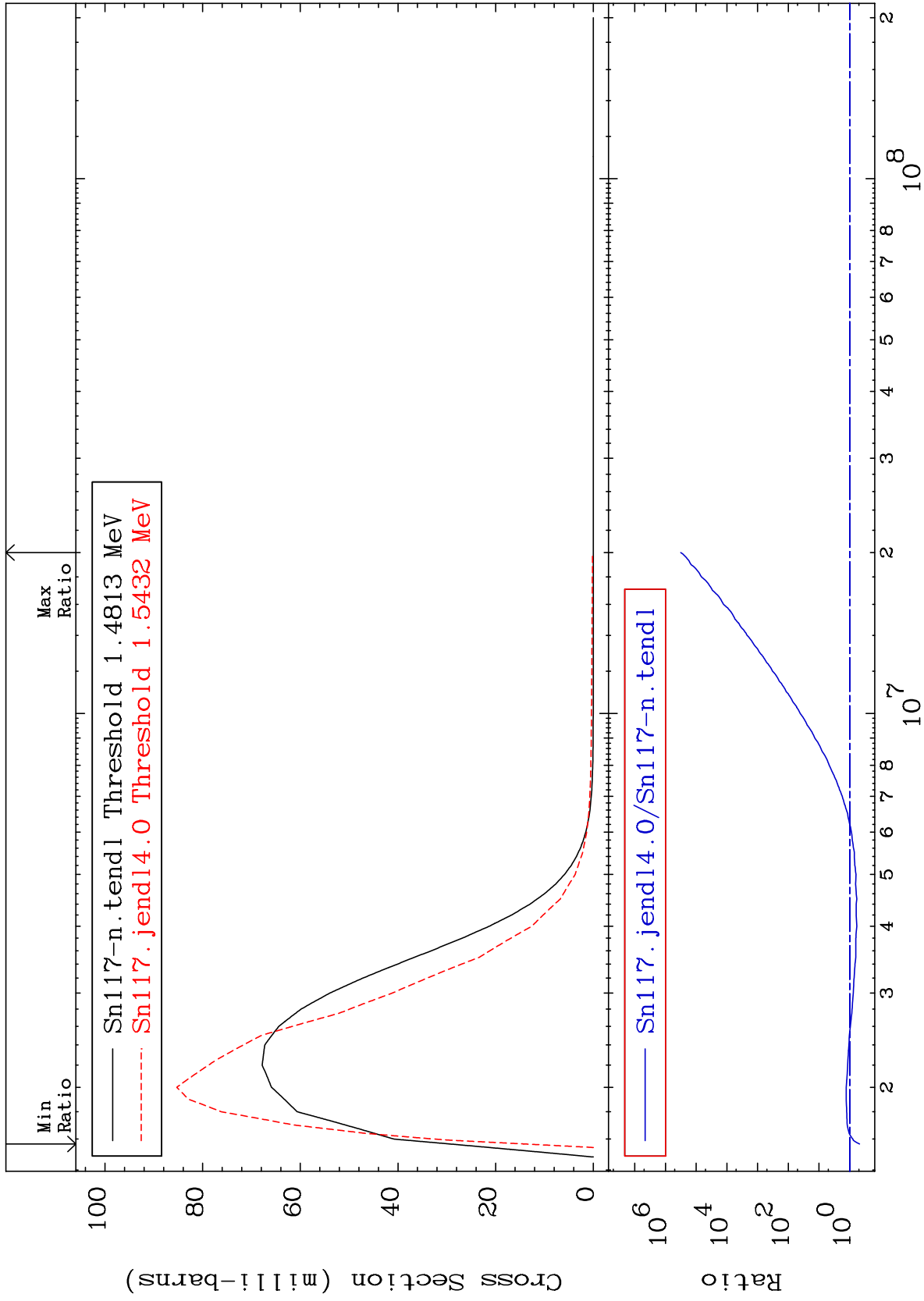
MAT 5040

1.469 MeV (n,n') Level

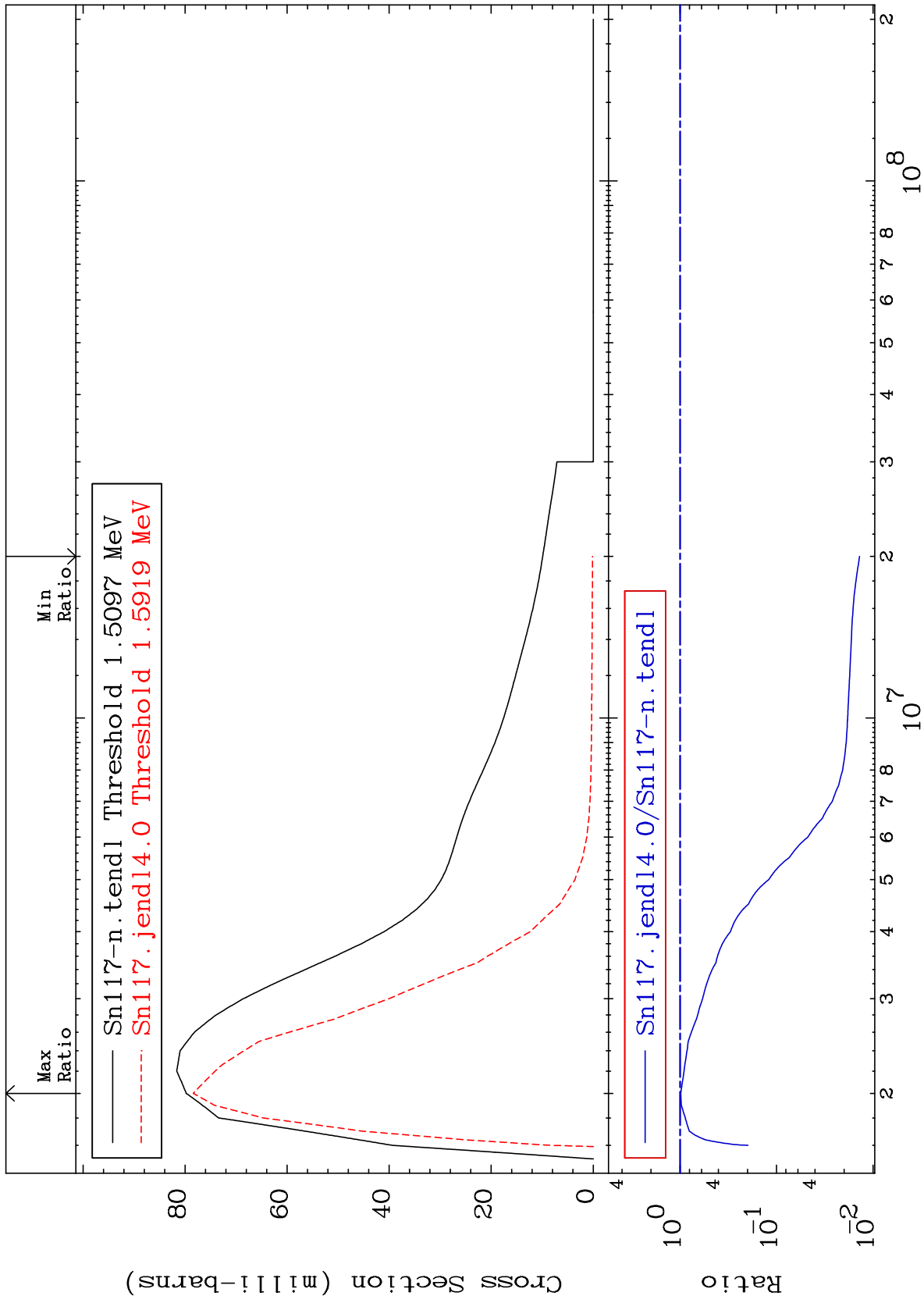
50-Sn-117

-52.13 To 9999. %

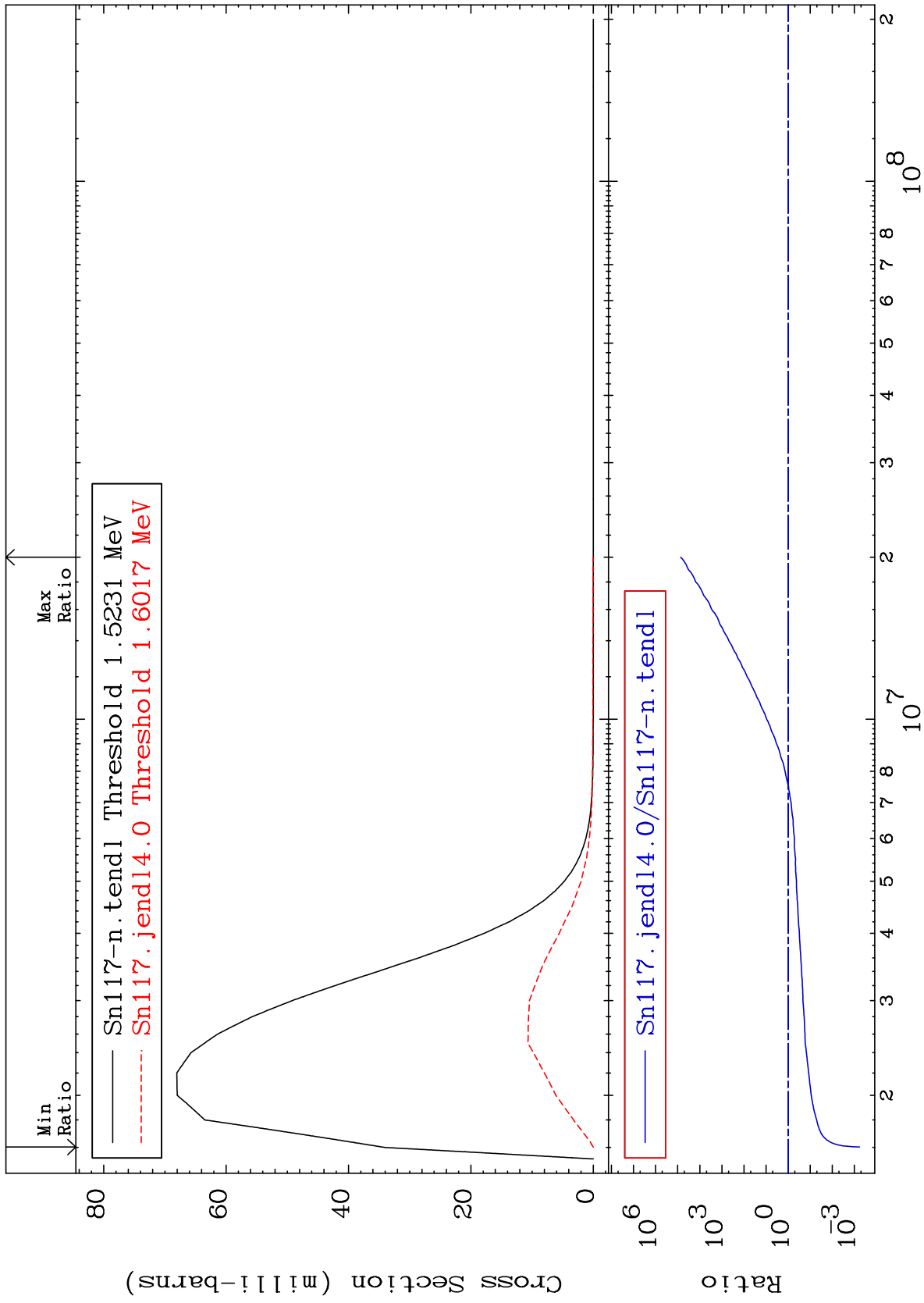
Cross Section



MAT 5040 1.497 MeV (n,n') Level 50-Sn-117
 Cross Section -98.62 To -1.724%



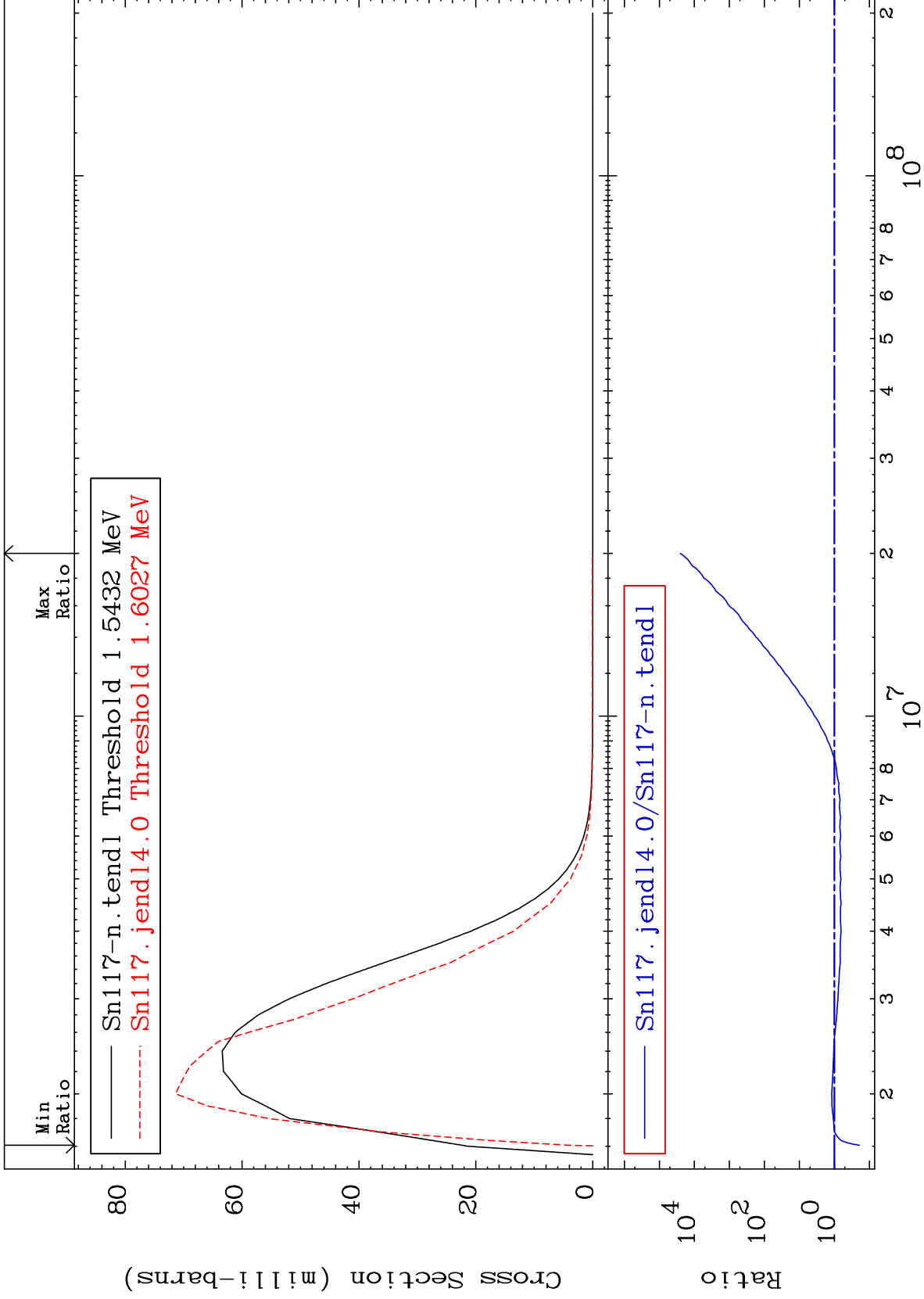
MAT 5040 1.510 MeV (n,n') Level Cross Section 50-Sn-117 -99.94 To 9999. %



MAT 5040

1.530 MeV (n,n') Level
Cross Section

50-Sn-117
-80.76 To 9999. %



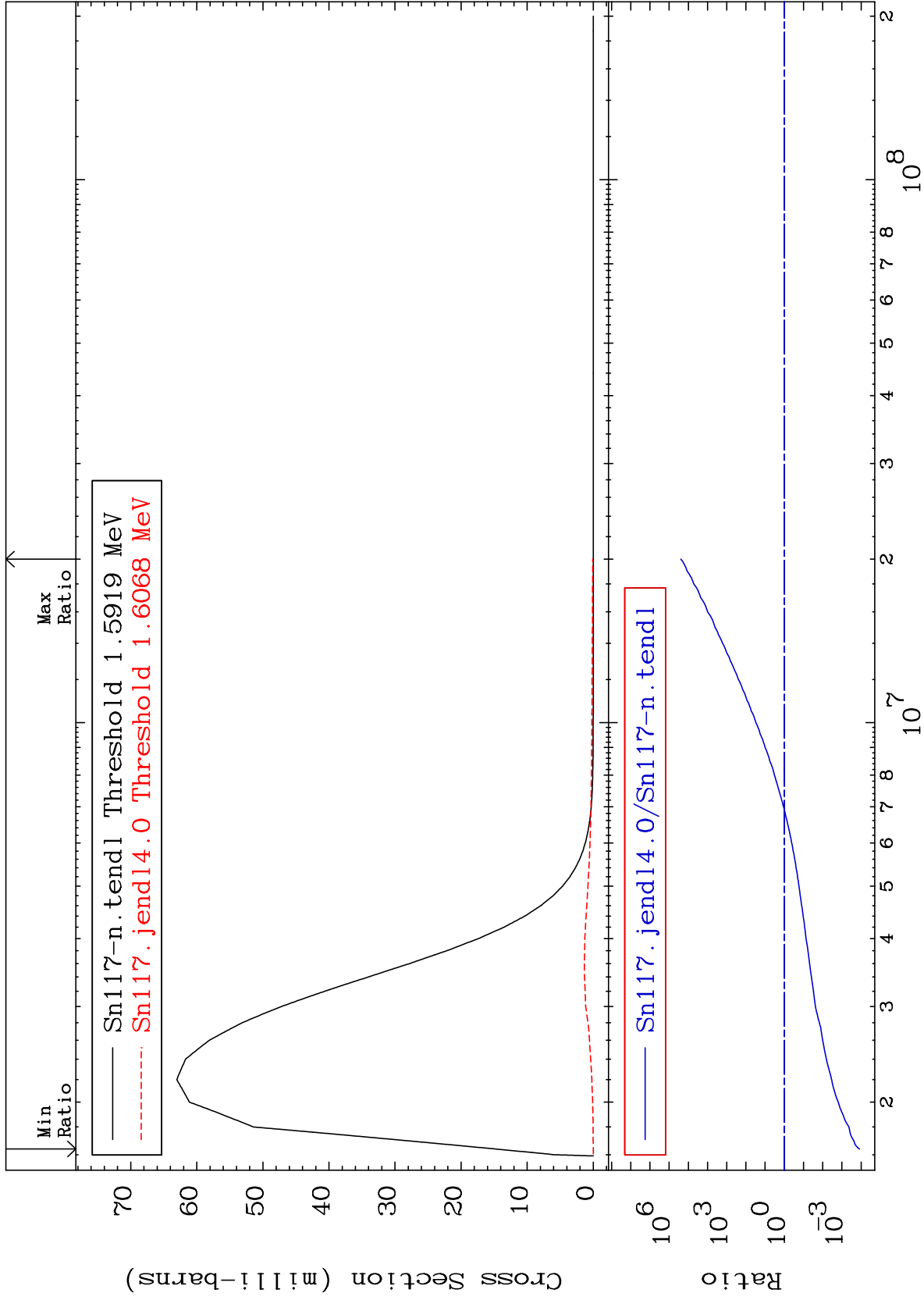
MAT 5040

1.578 MeV (n,n') Level

50-Sn-117

-99.99 To 9999. %

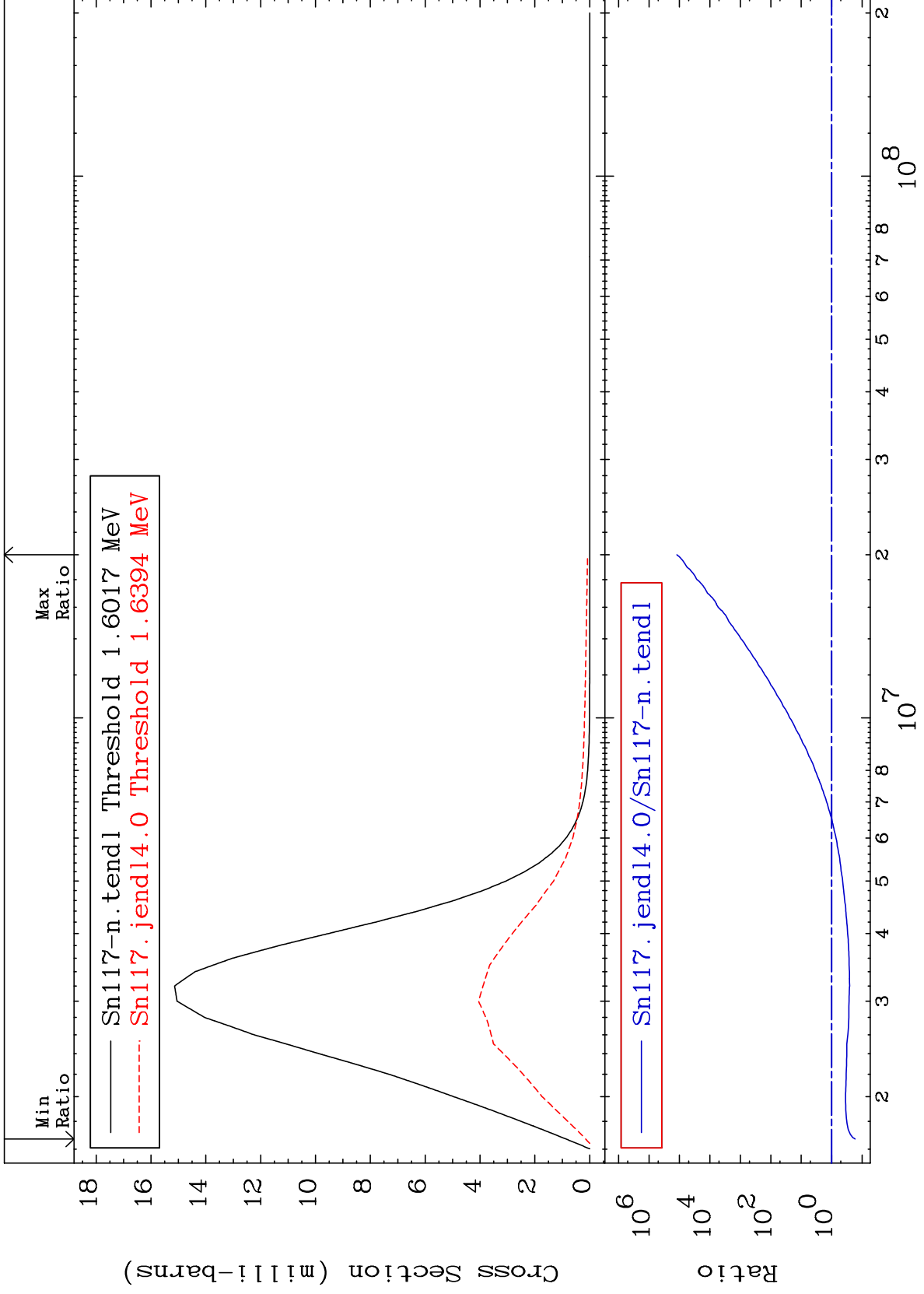
Cross Section



MAT 5040

1.588 MeV (n,n') Level
Cross Section

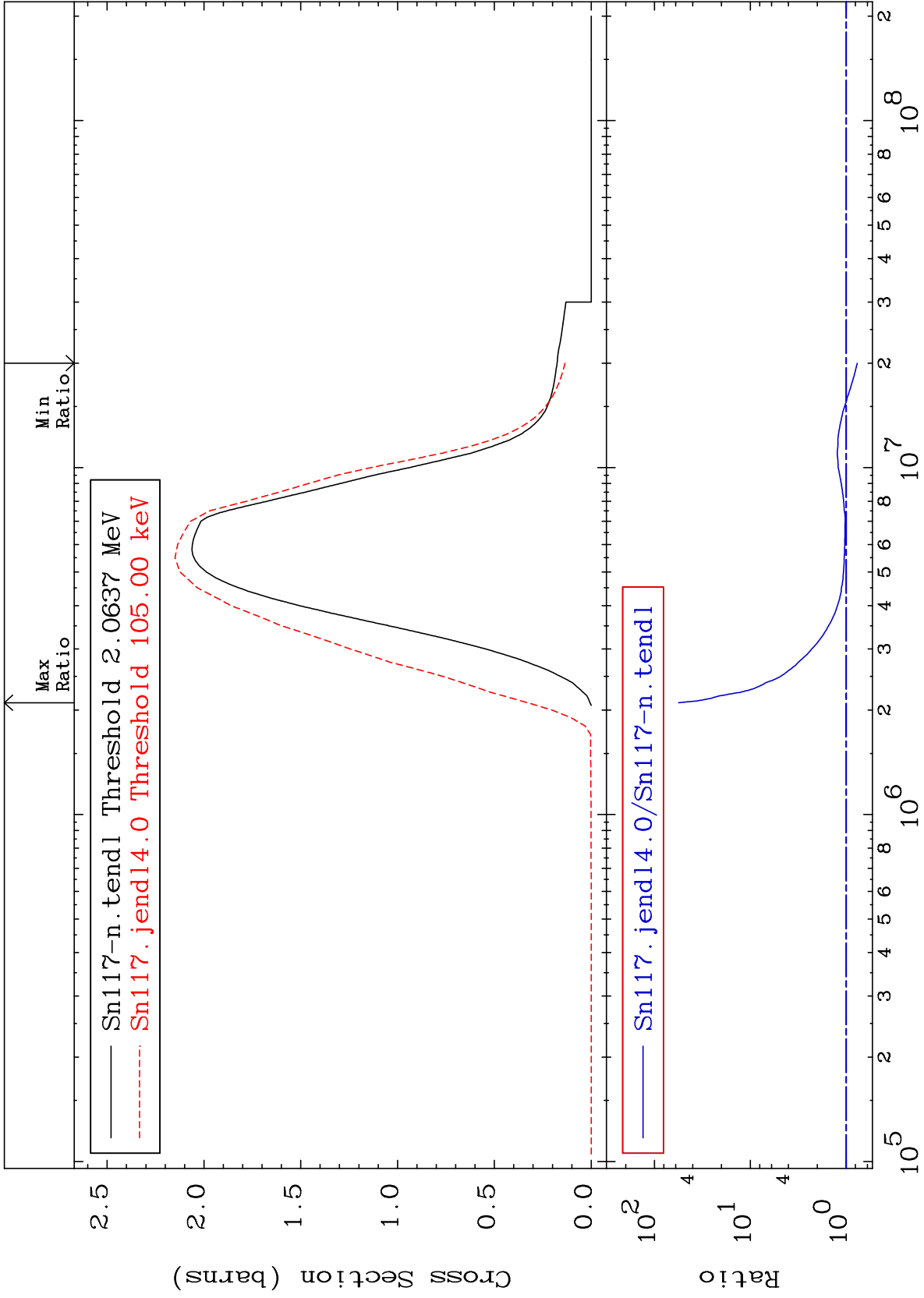
50-Sn-117
-83.05 To 9999. %



MAT 5040

(n, n') Continuum
Cross Section

50-Sn-117
-23.34 To 5502. %



28

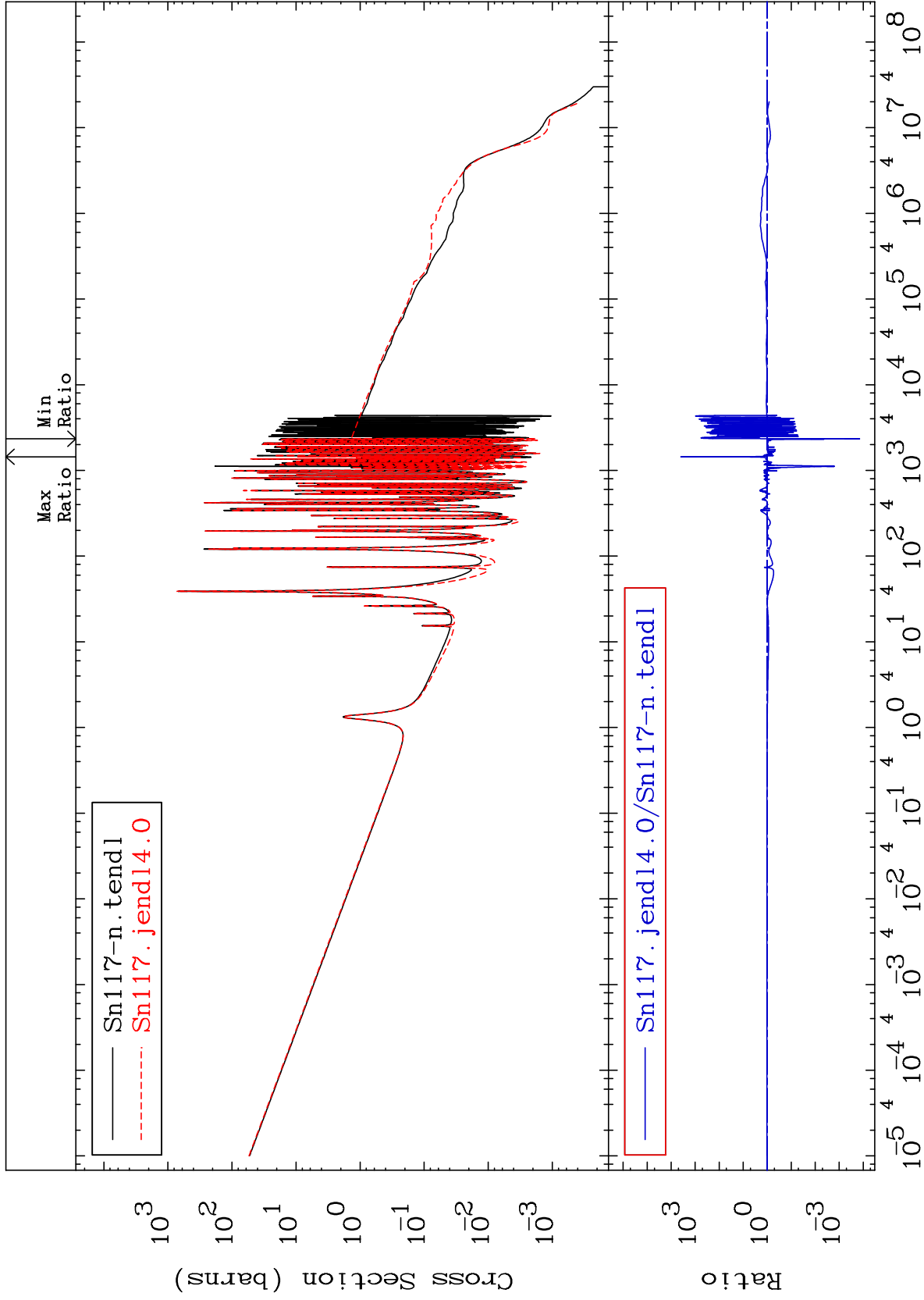
Incident Energy (eV)

50-Sn-117

MAT 5040

(n, γ)
Cross Section

50-Sn-117
-99.99 To 9999. %



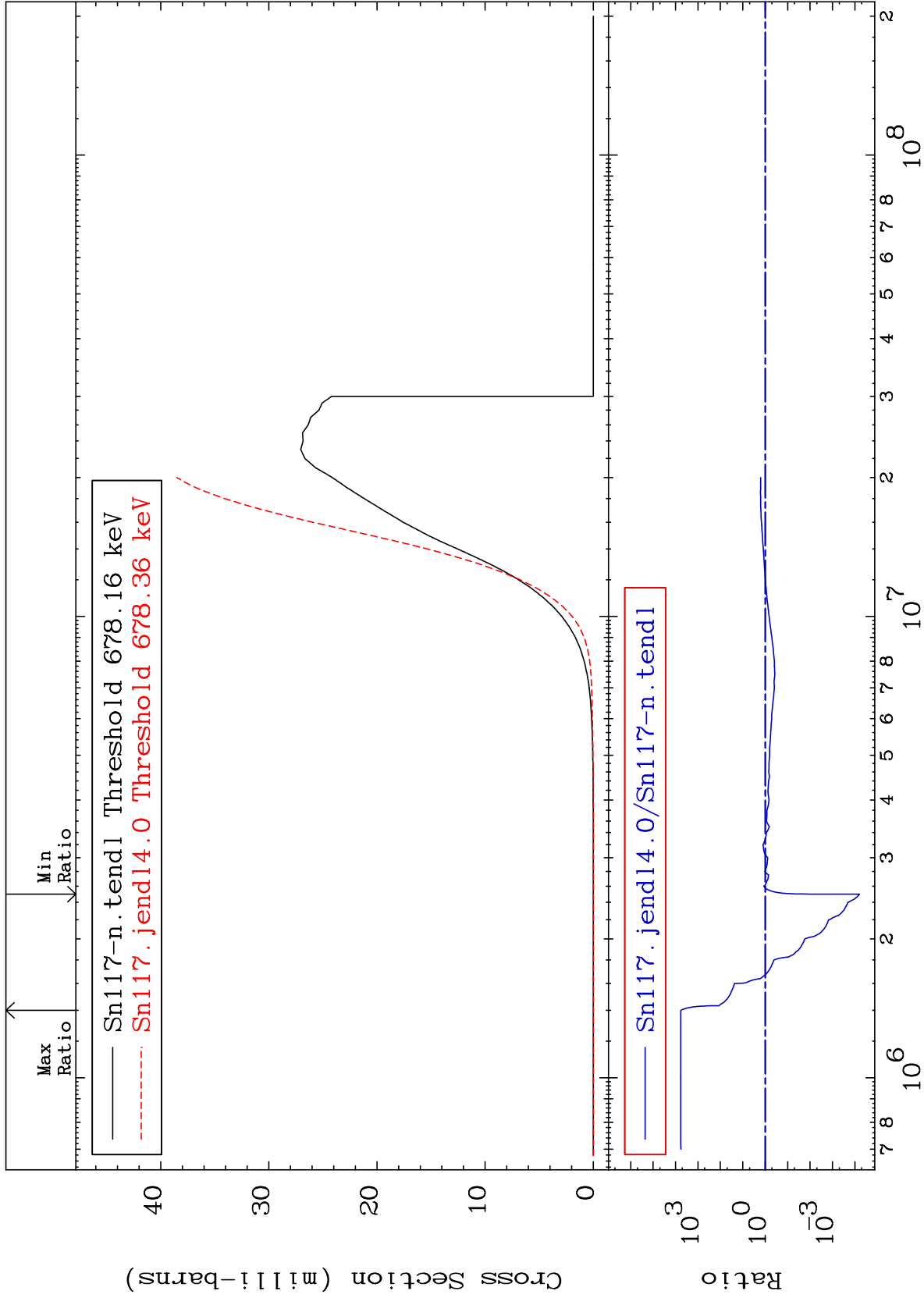
MAT 5040

(n,p)

50-Sn-117

Cross Section

-99.99 To 9999. %



30

Incident Energy (eV)

50-Sn-117

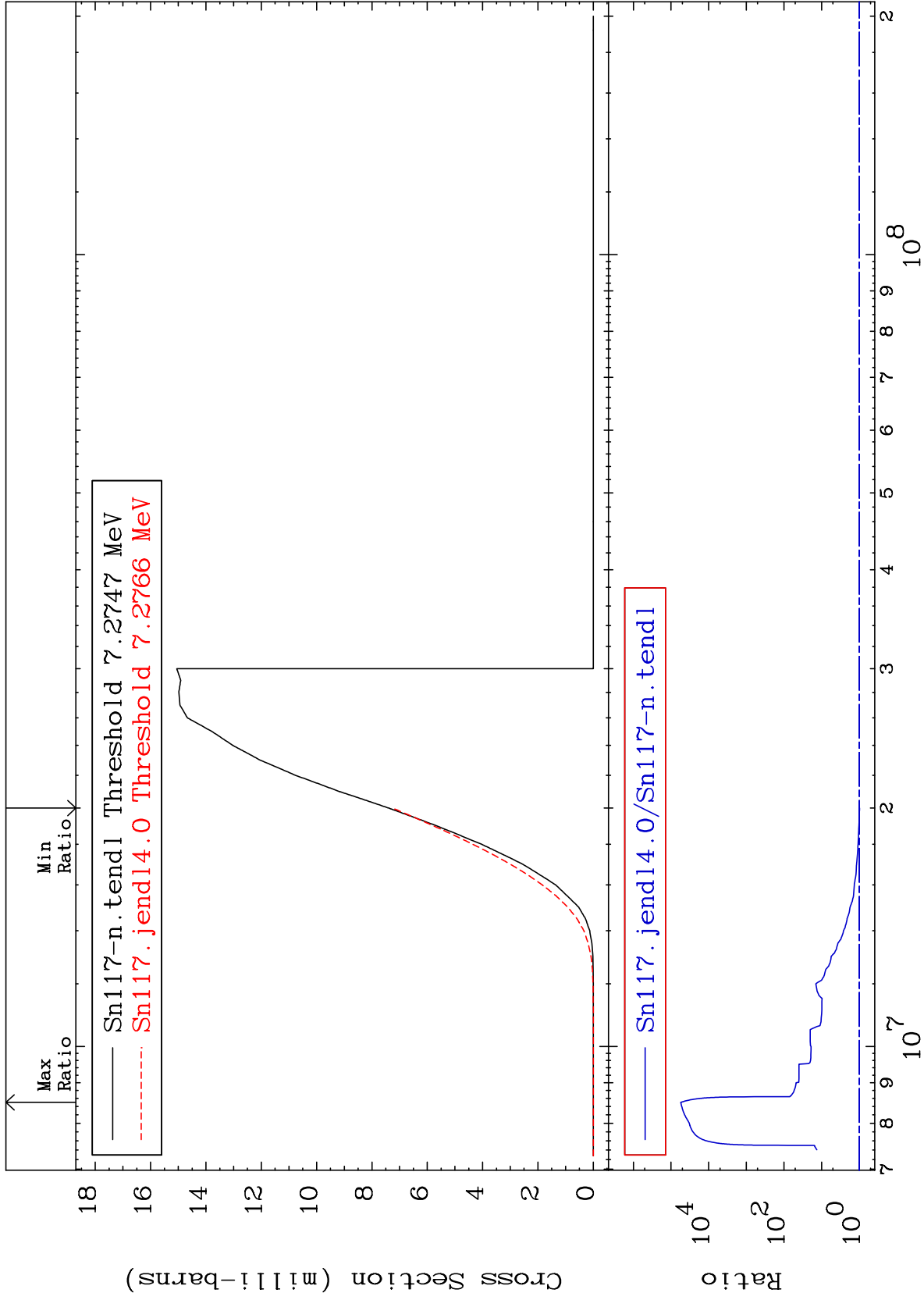
MAT 5040

(n, d)

50-Sn-117

Cross Section

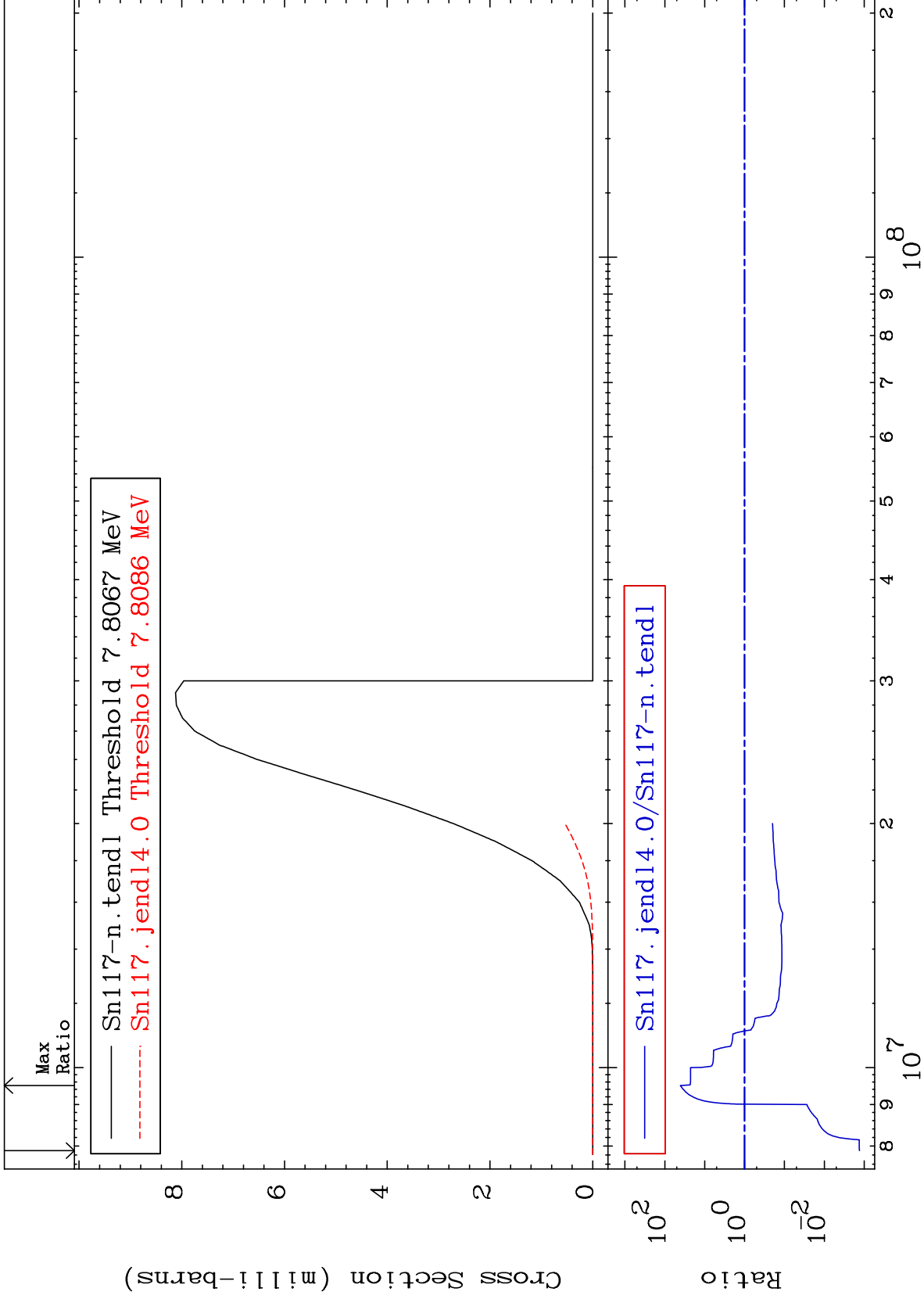
-1.890 To 9999. %



MAT 5040

(n, t)
Cross Section

50-Sn-117
-99.87 To 3970. %



32

50-Sn-117

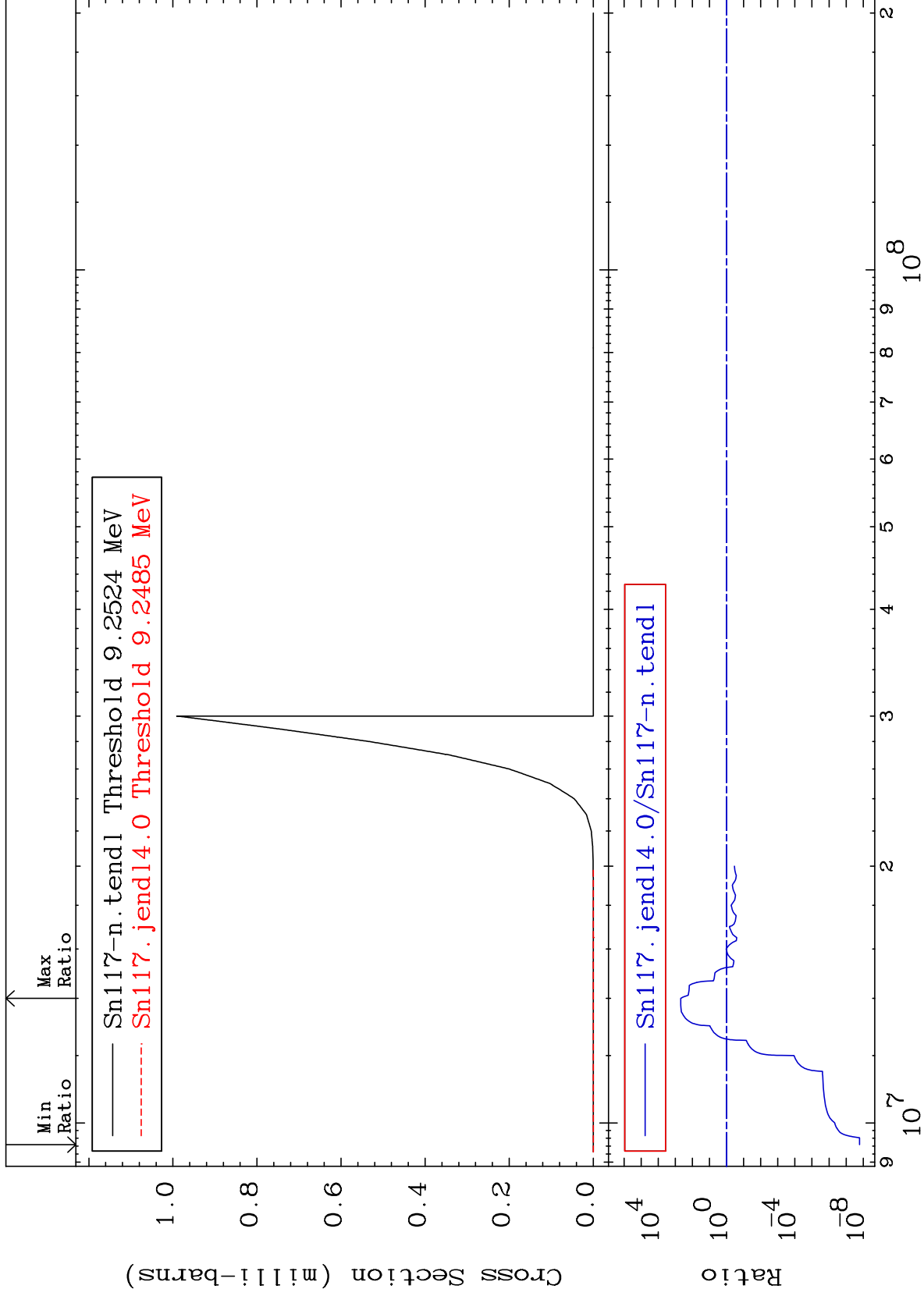
MAT 5040

(n, He-3)

50-Sn-117

Cross Section

-100.0 To 9999. %



33

Incident Energy (eV)

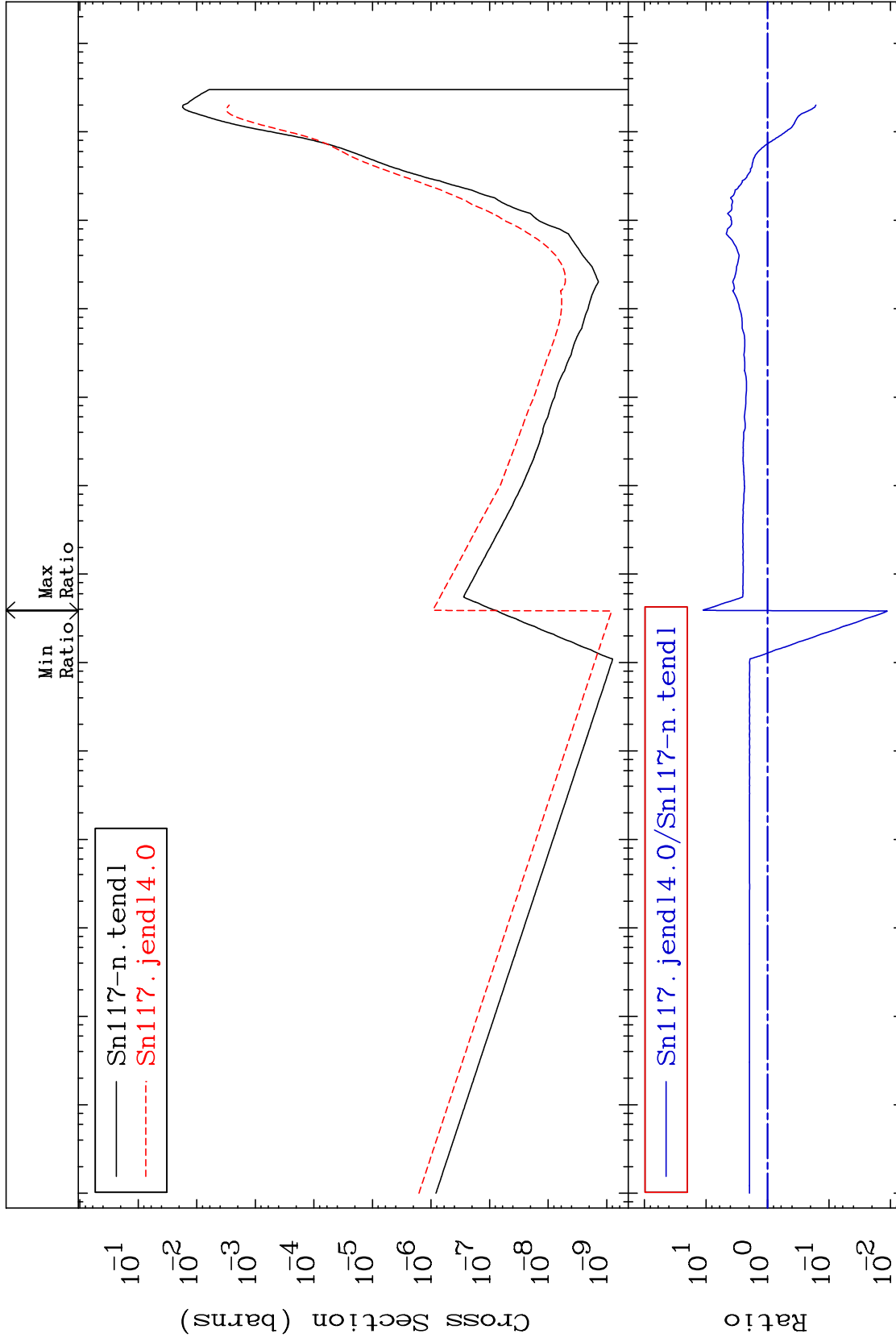
50-Sn-117

MAT 5040

50-Sn-117

-98.88 To 1022. %

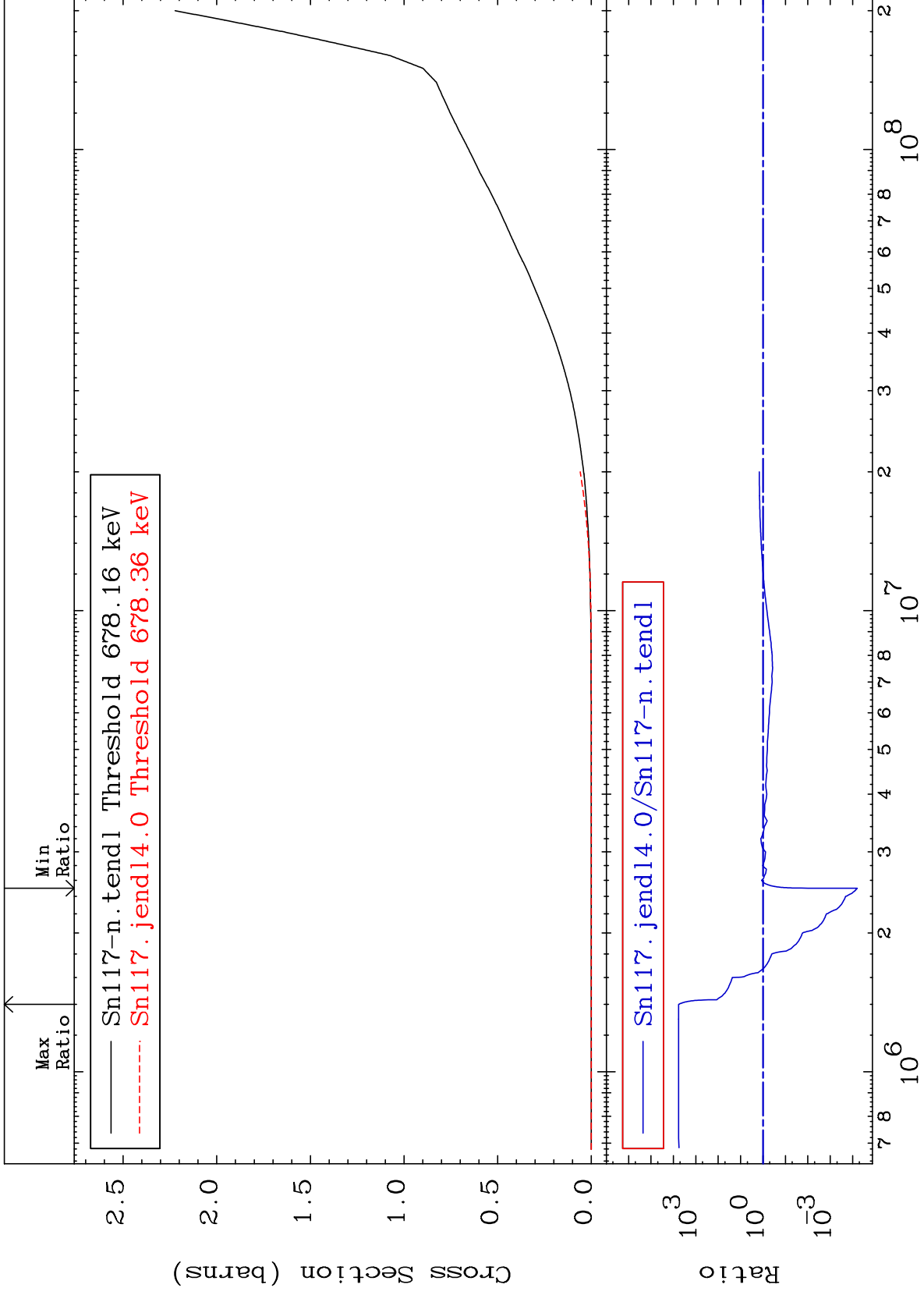
(n, α)
Cross Section



MAT 5040

Hydrogen Production
Cross Section

50-Sn-117
-99.99 To 9999. %



35

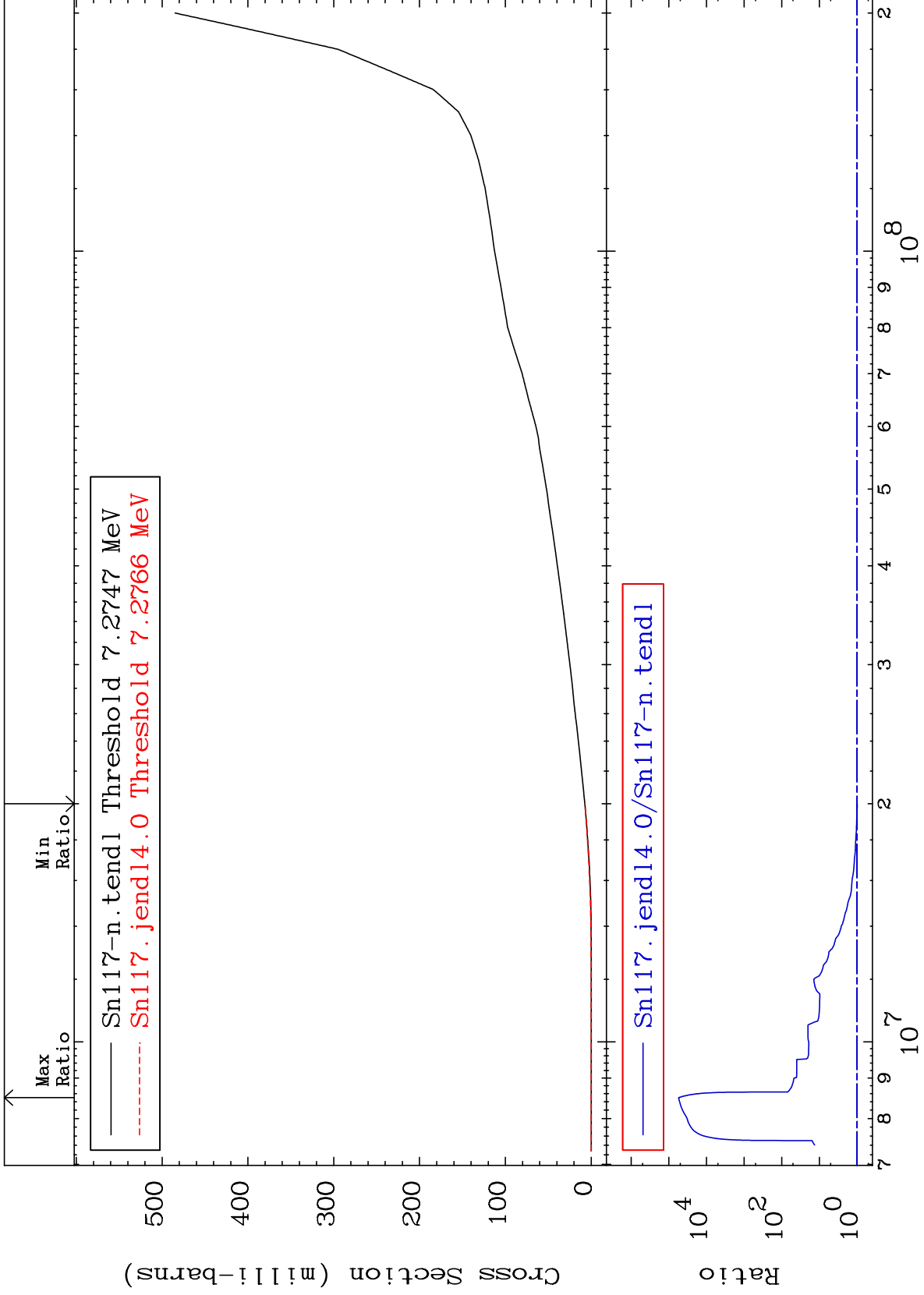
Incident Energy (eV)

50-Sn-117

MAT 5040

Deuterium Production
Cross Section

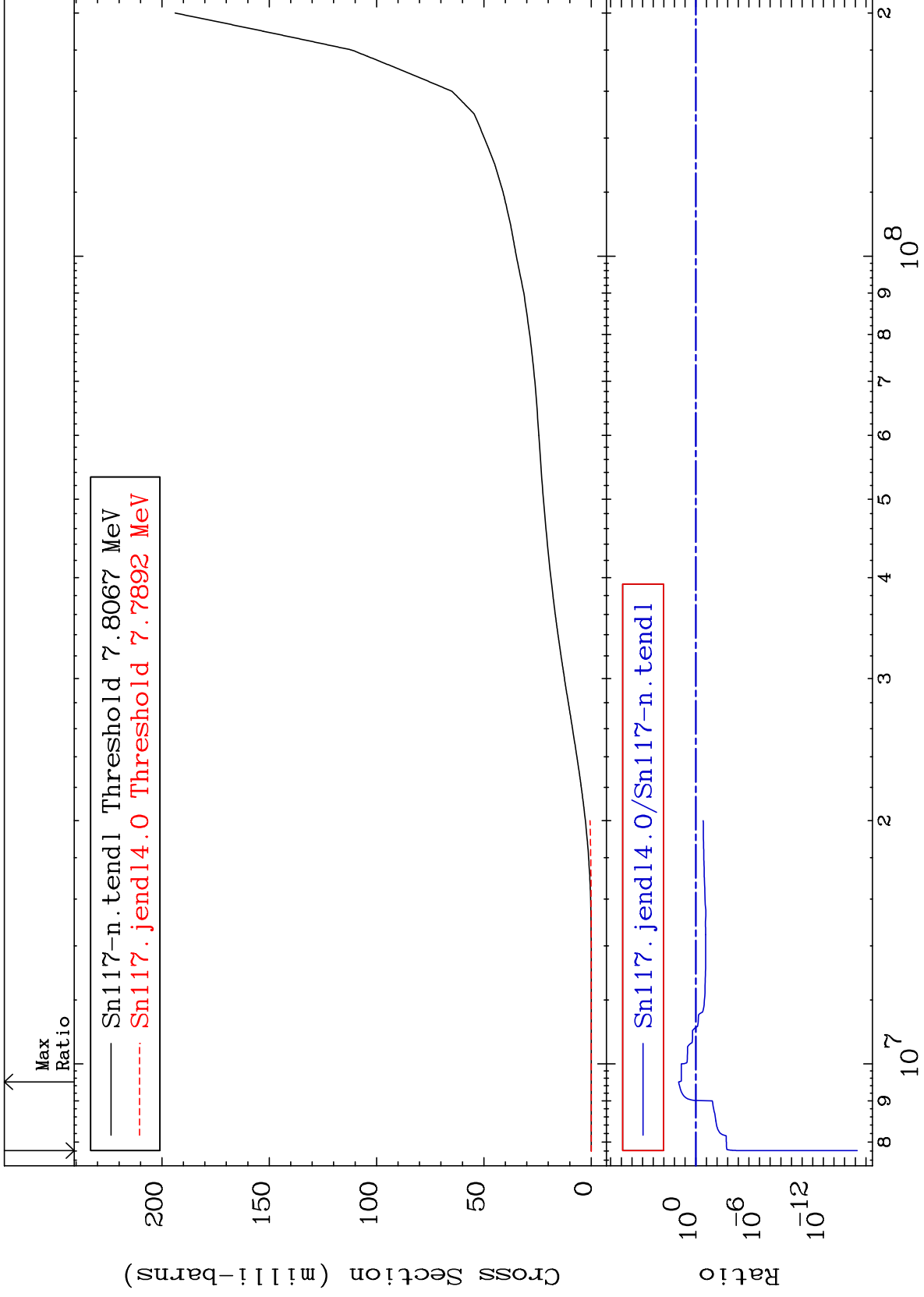
50-Sn-117
-1.532 To 9999. %



MAT 5040

Tritium Production
Cross Section

50-Sn-117
-100.0 To 3970. %



37

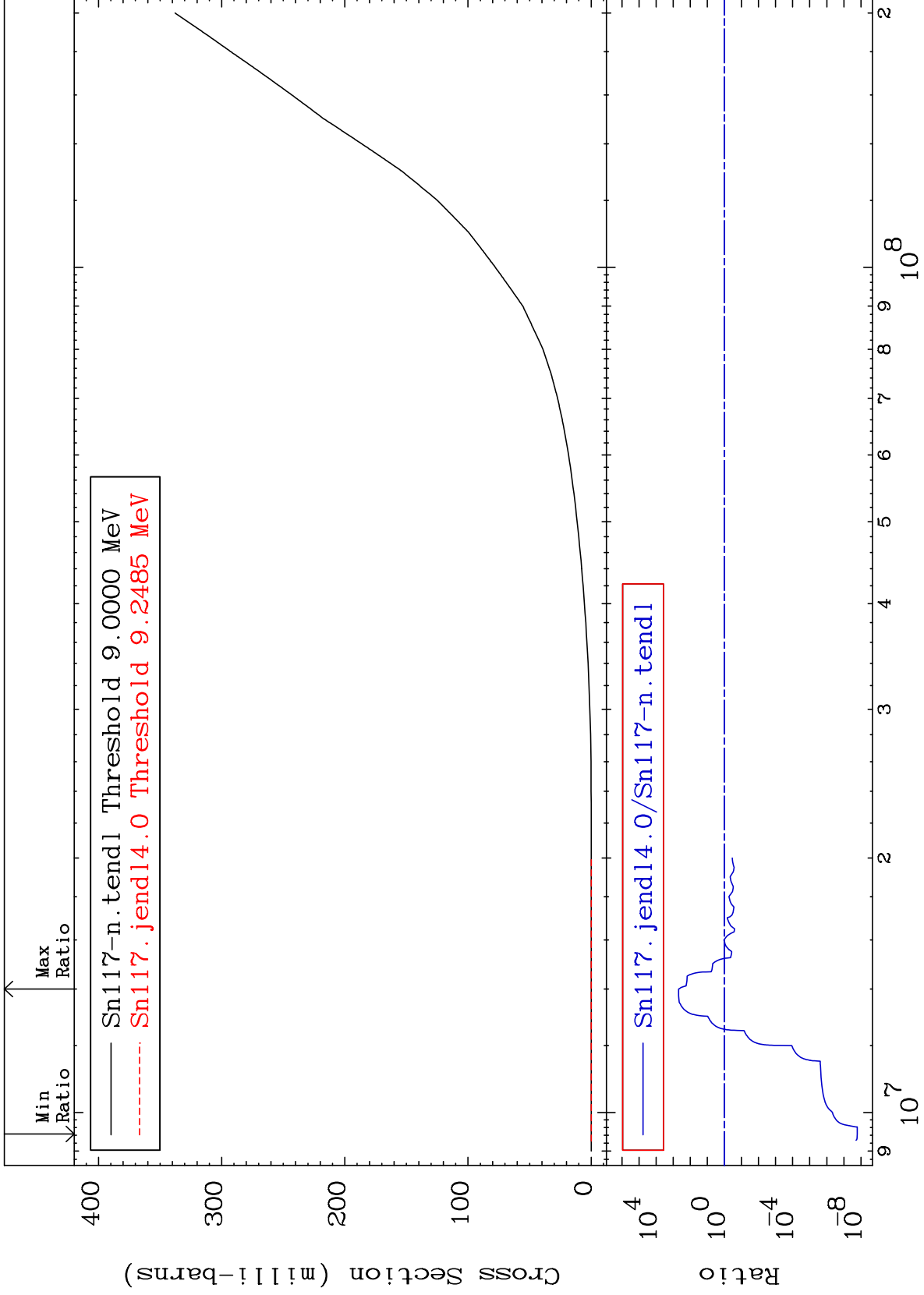
Incident Energy (eV)

50-Sn-117

MAT 5040

He-3 Production
Cross Section

50-Sn-117
-100.0 To 9999. %



38

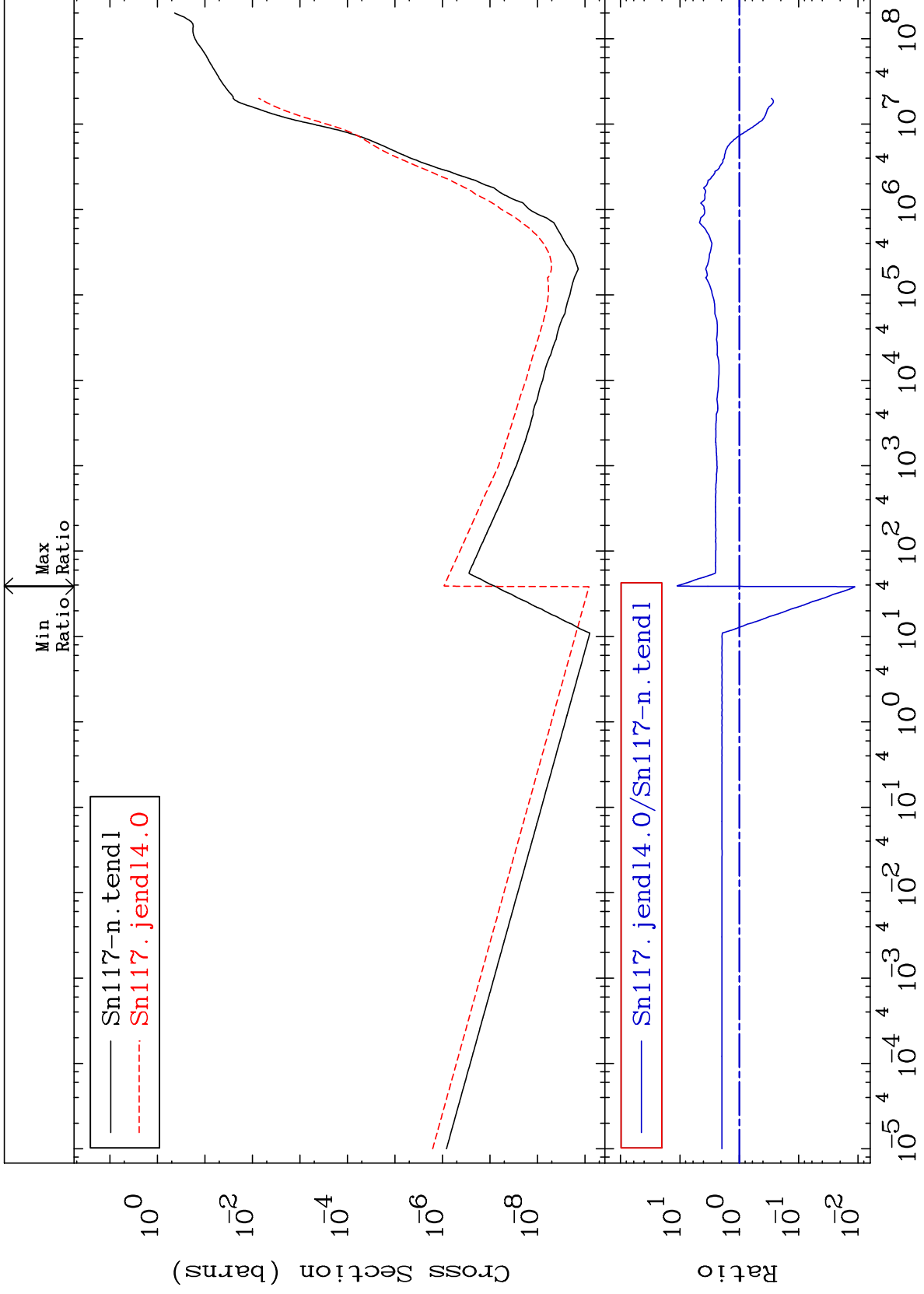
Incident Energy (eV)

50-Sn-117

MAT 5040

He-4 Production
Cross Section

50-Sn-117
-98.88 To 1022. %



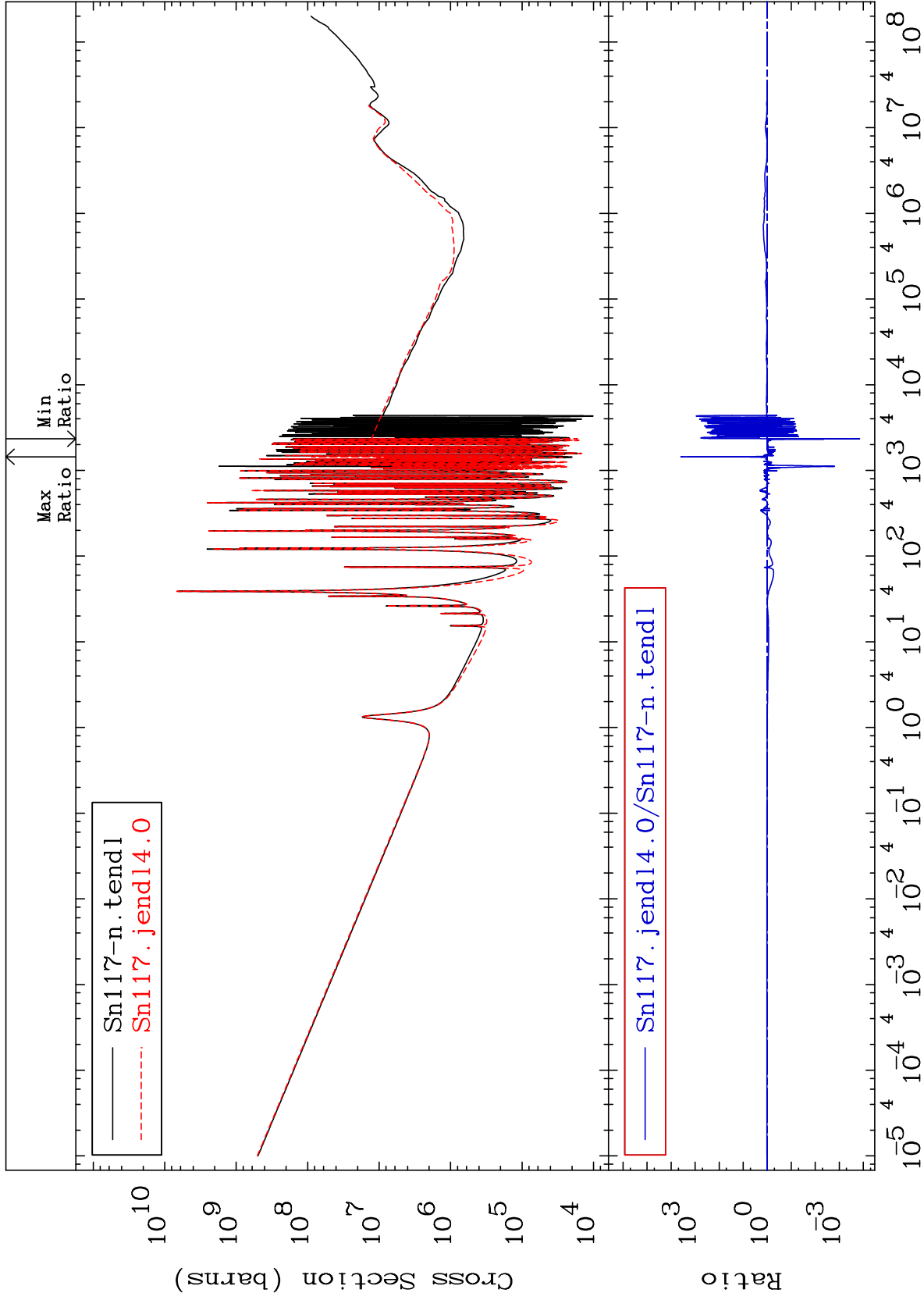
MAT 5040

Kerma total (eV-barns)

50-Sn-117

Cross Section

-99.99 To 9999. %



40

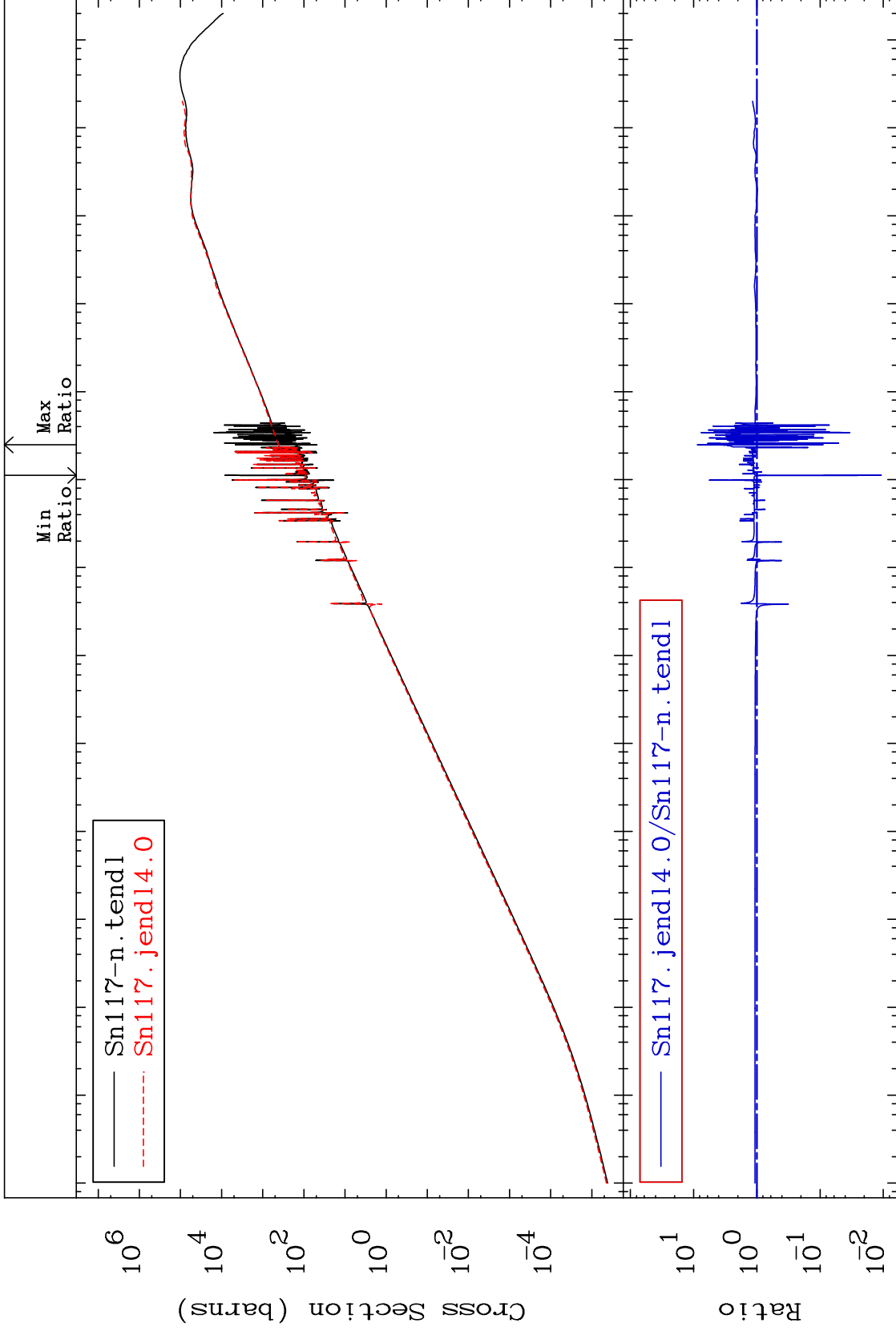
Incident Energy (eV)

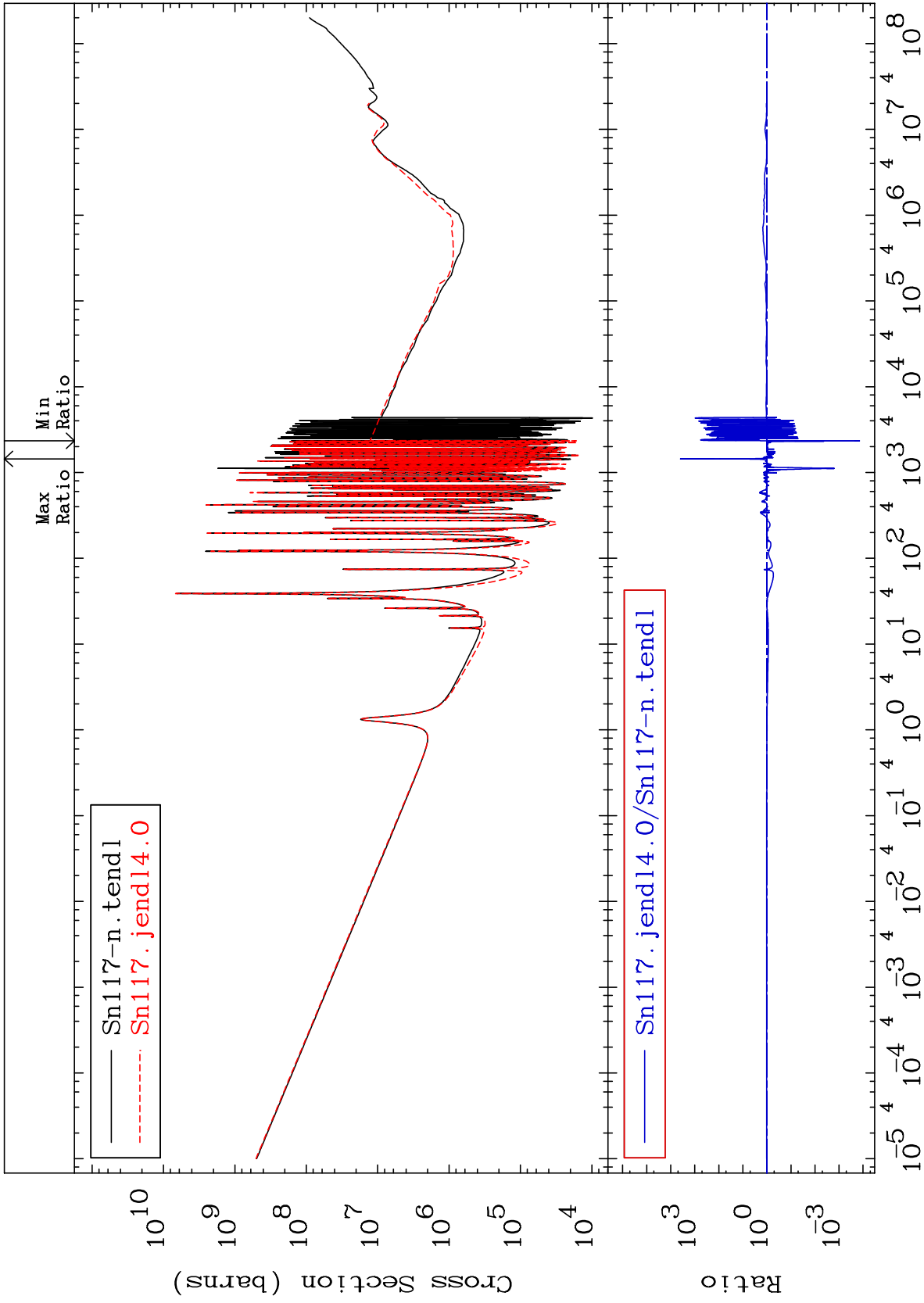
50-Sn-117

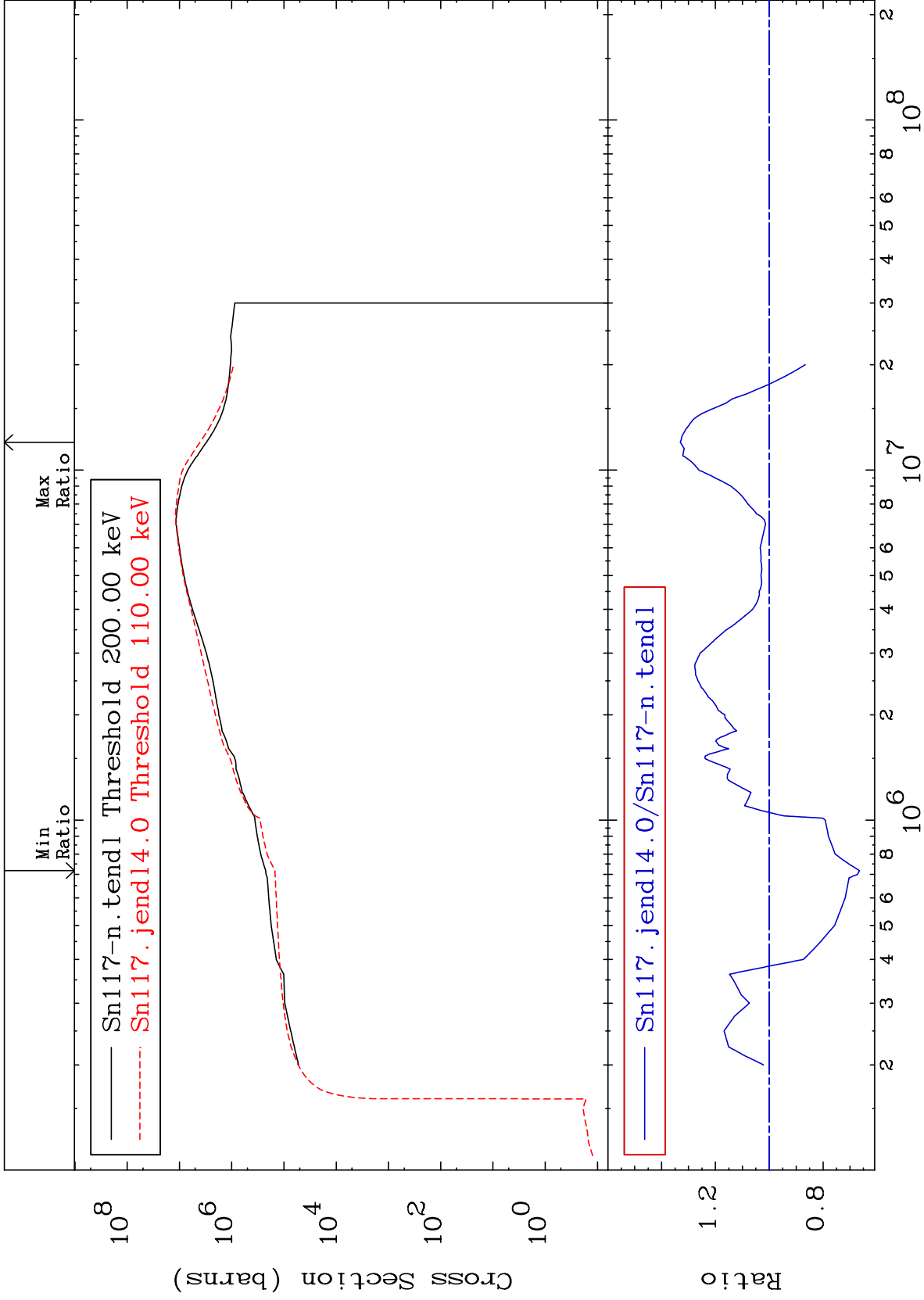
MAT 5040

Kerma elastic
Cross Section

50-Sn-117
-98.92 To 766.1 %



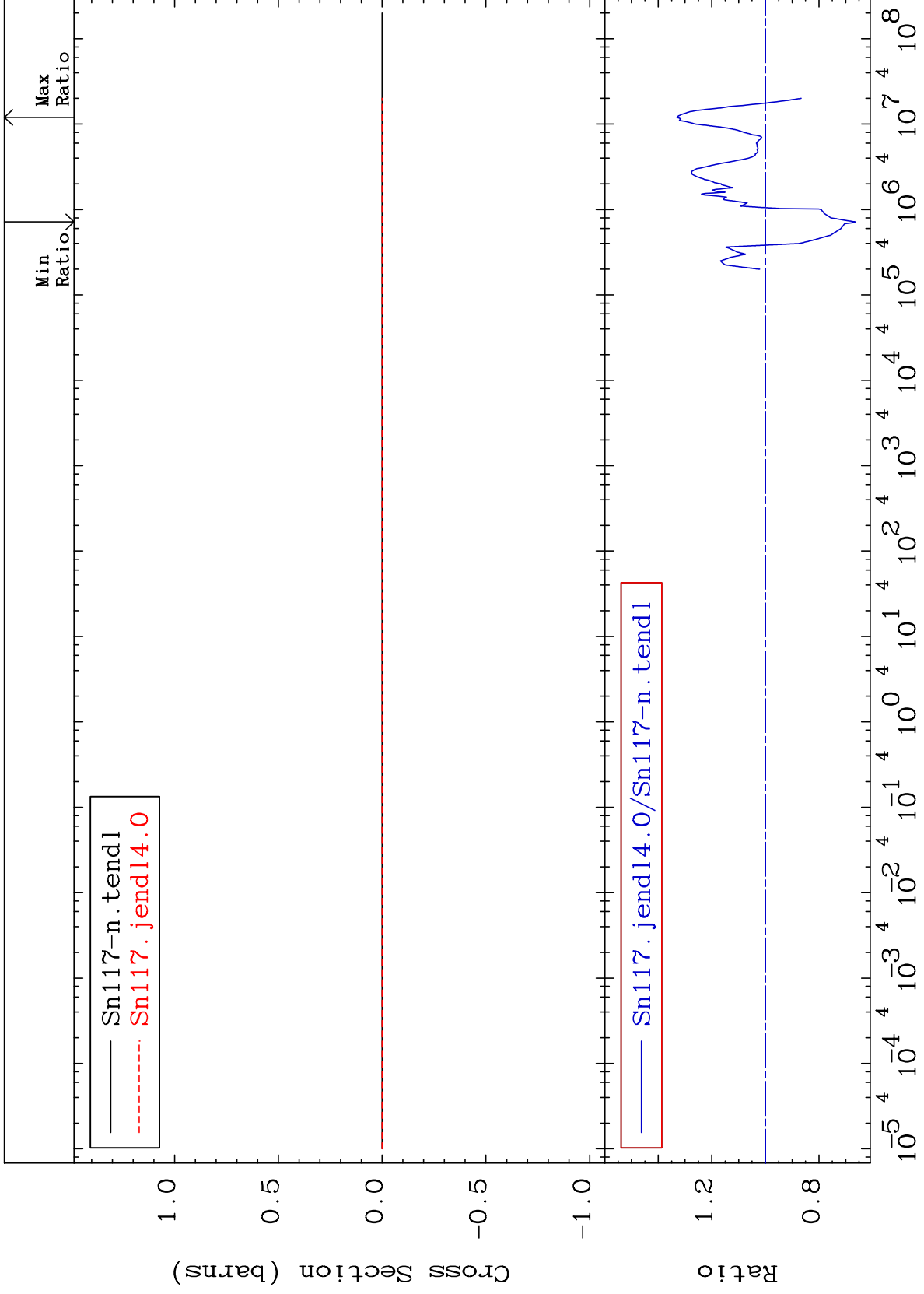




MAT 5040

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

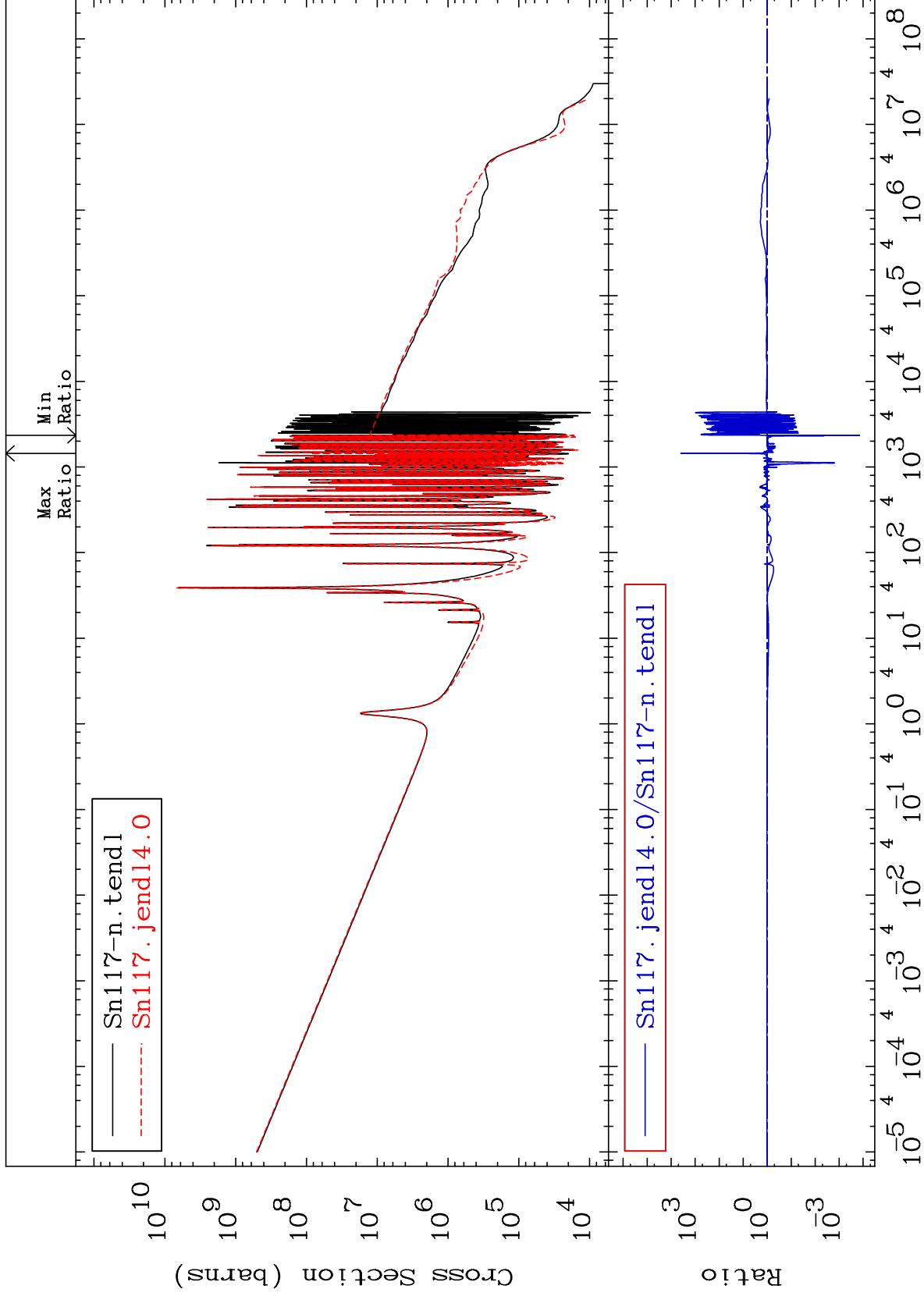
50-Sn-117
-33.51 To 33.04 %



MAT 5040

Kerma capture (mt102)
Cross Section

50-Sn-117
-99.99 To 9999. %



45

Incident Energy (eV)

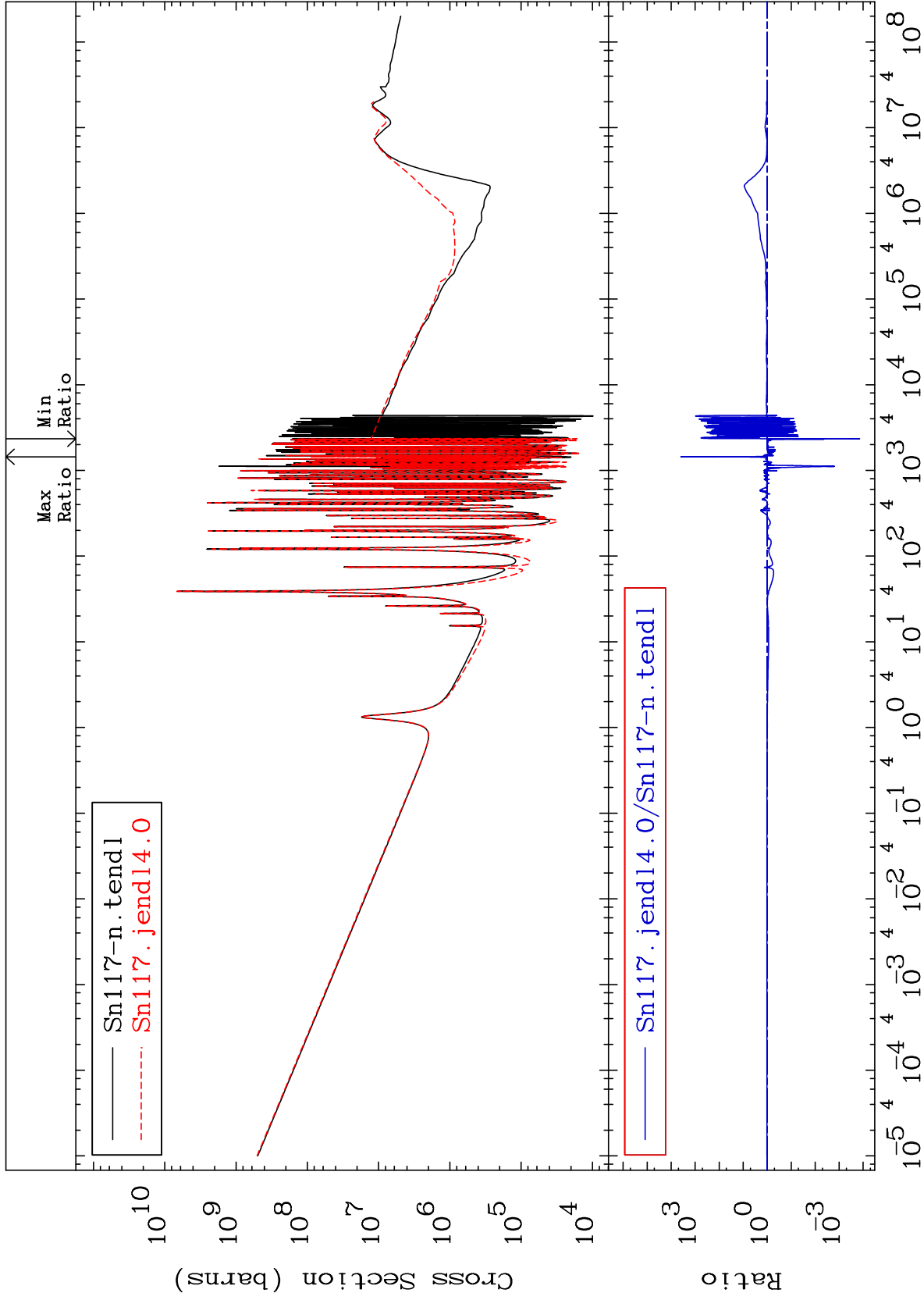
50-Sn-117

MAT 5040

Total photon (eV-barns)
Cross Section

50-Sn-117

-99.99 To 9999. %



46

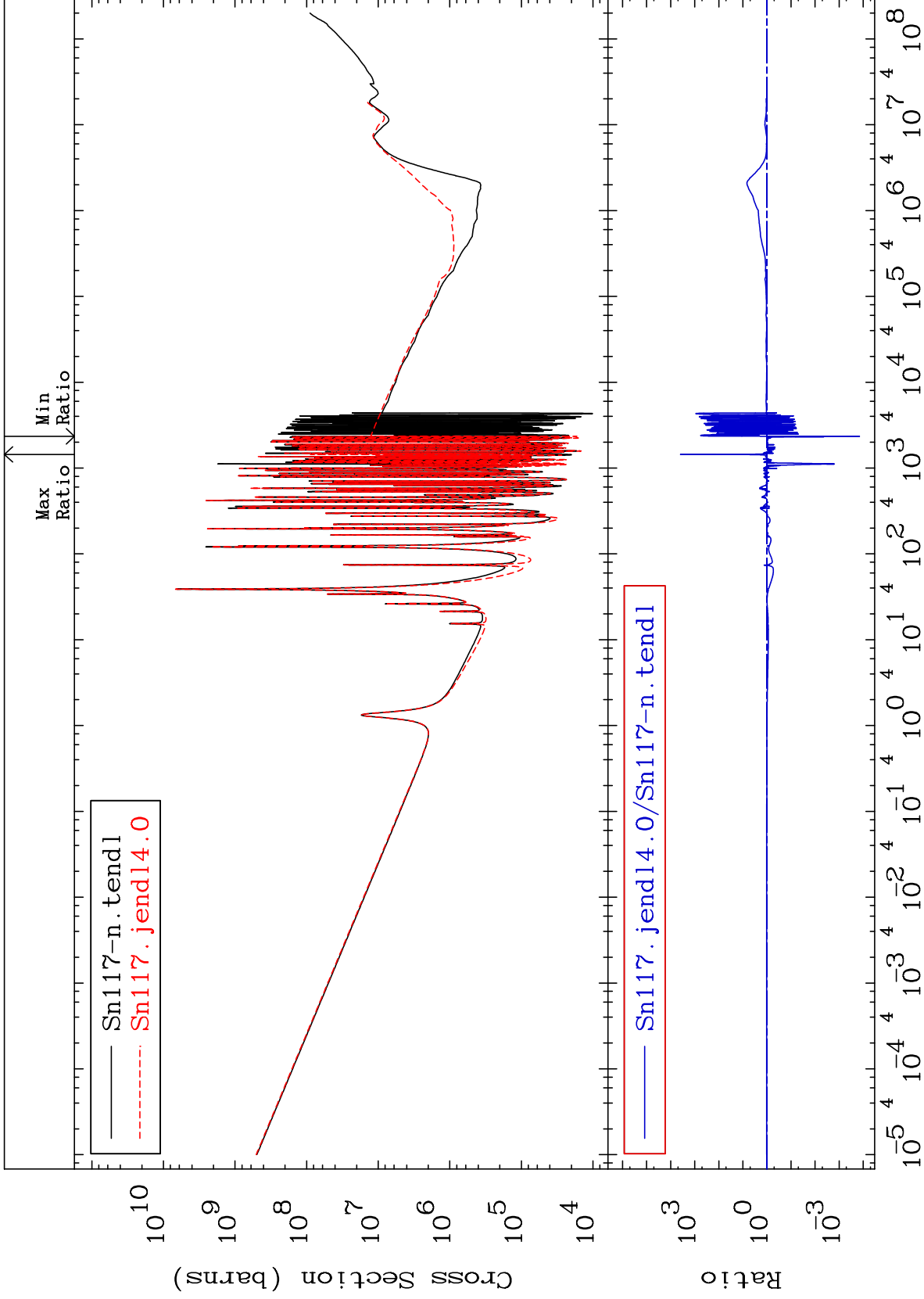
Incident Energy (eV)

50-Sn-117

MAT 5040

Total kinematic kerma (high limit)
Cross Section

50-Sn-117
-99.99 To 9999. %



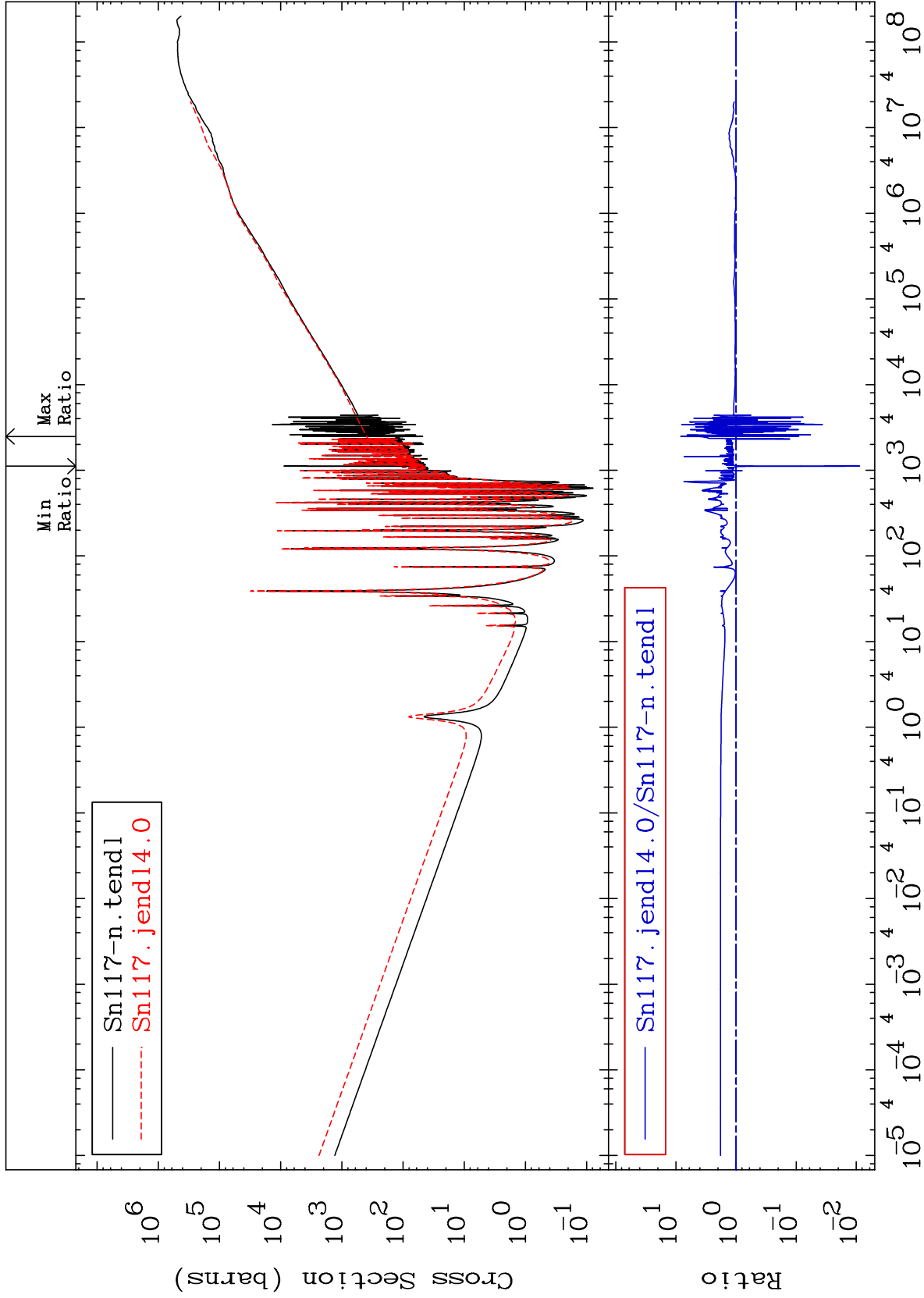
MAT 5040

Dpa total (eV-barns)

50-Sn-117

Cross Section

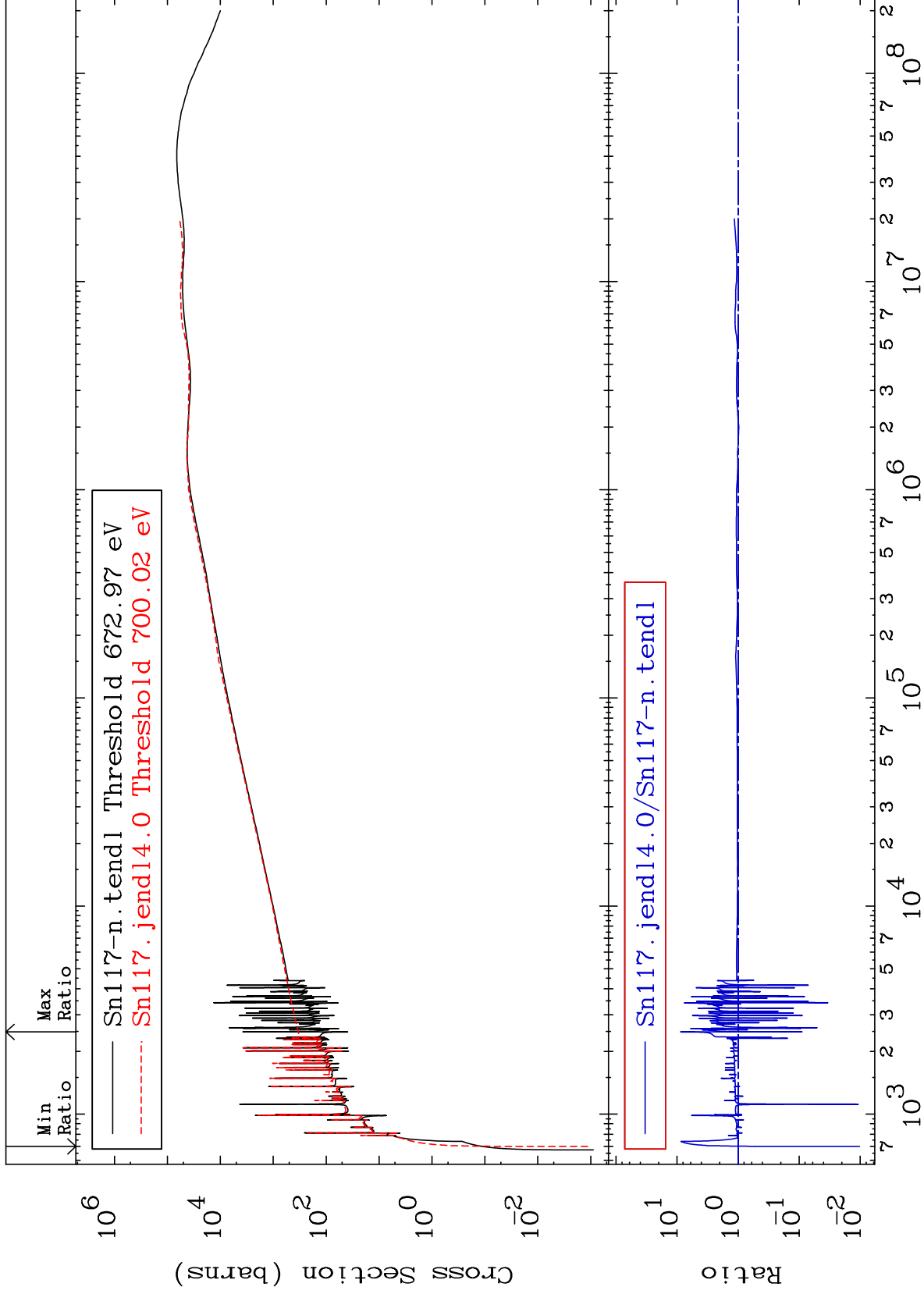
-99.12 To 729.5 %



MAT 5040

Dpa elastic (mt2)
Cross Section

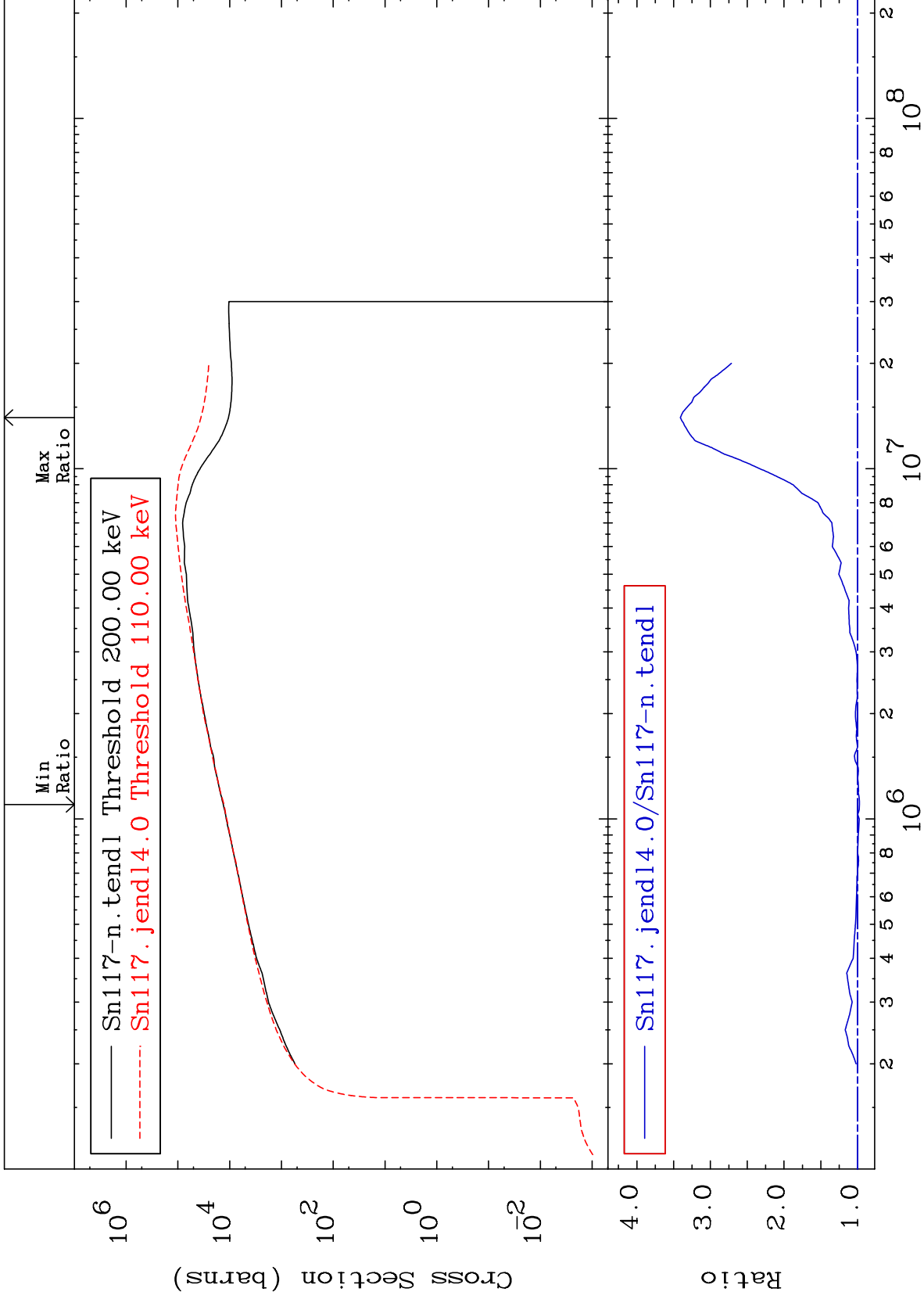
50-Sn-117
-98.97 To 769.8 %



MAT 5040

Dpa inelastic (mt51-91)
Cross Section

50-Sn-117
-2.439 To 240.9 %



50

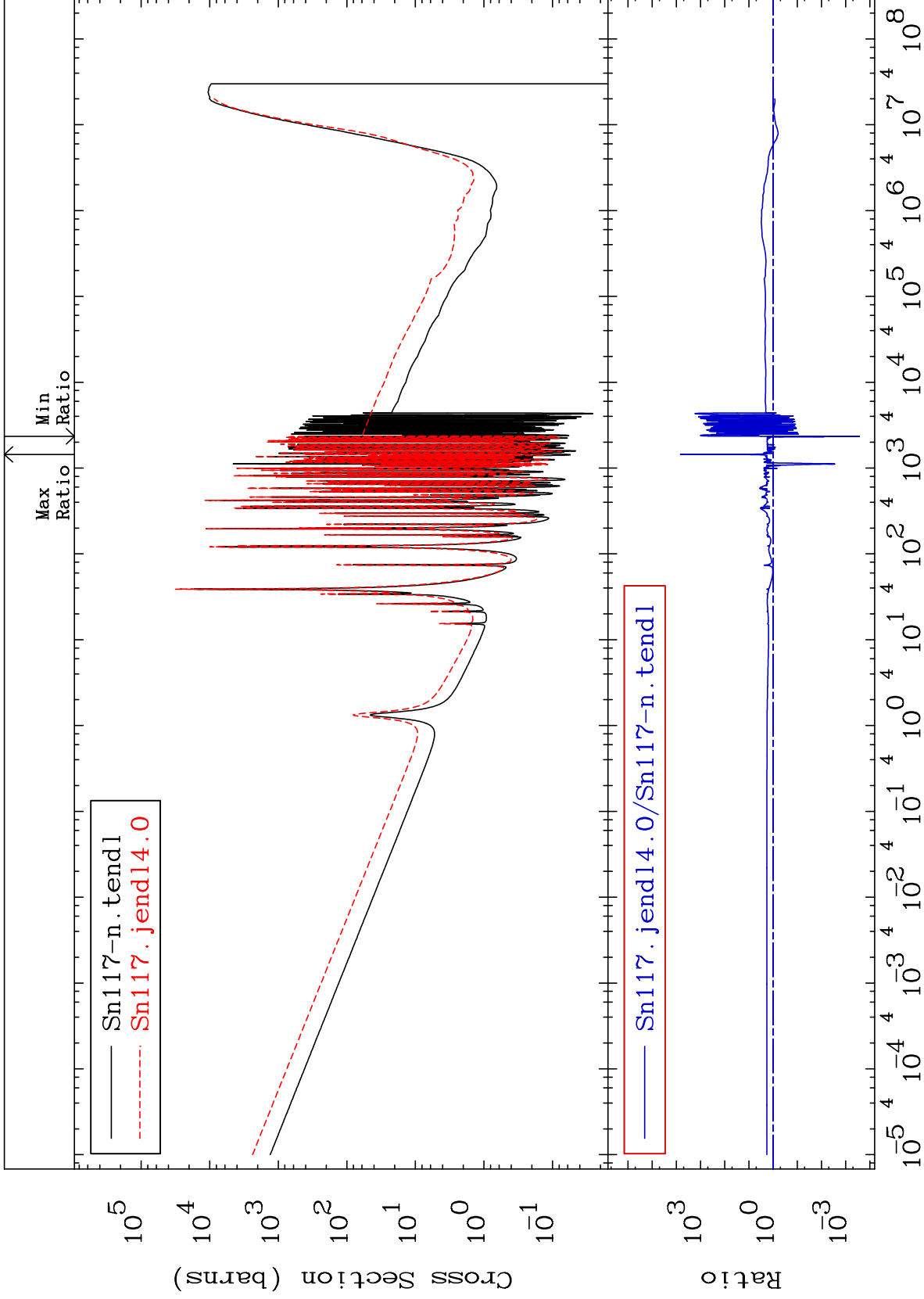
Incident Energy (eV)

50-Sn-117

MAT 5040

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-117
-99.97 To 9999. %



51

Incident Energy (eV)

50-Sn-117