

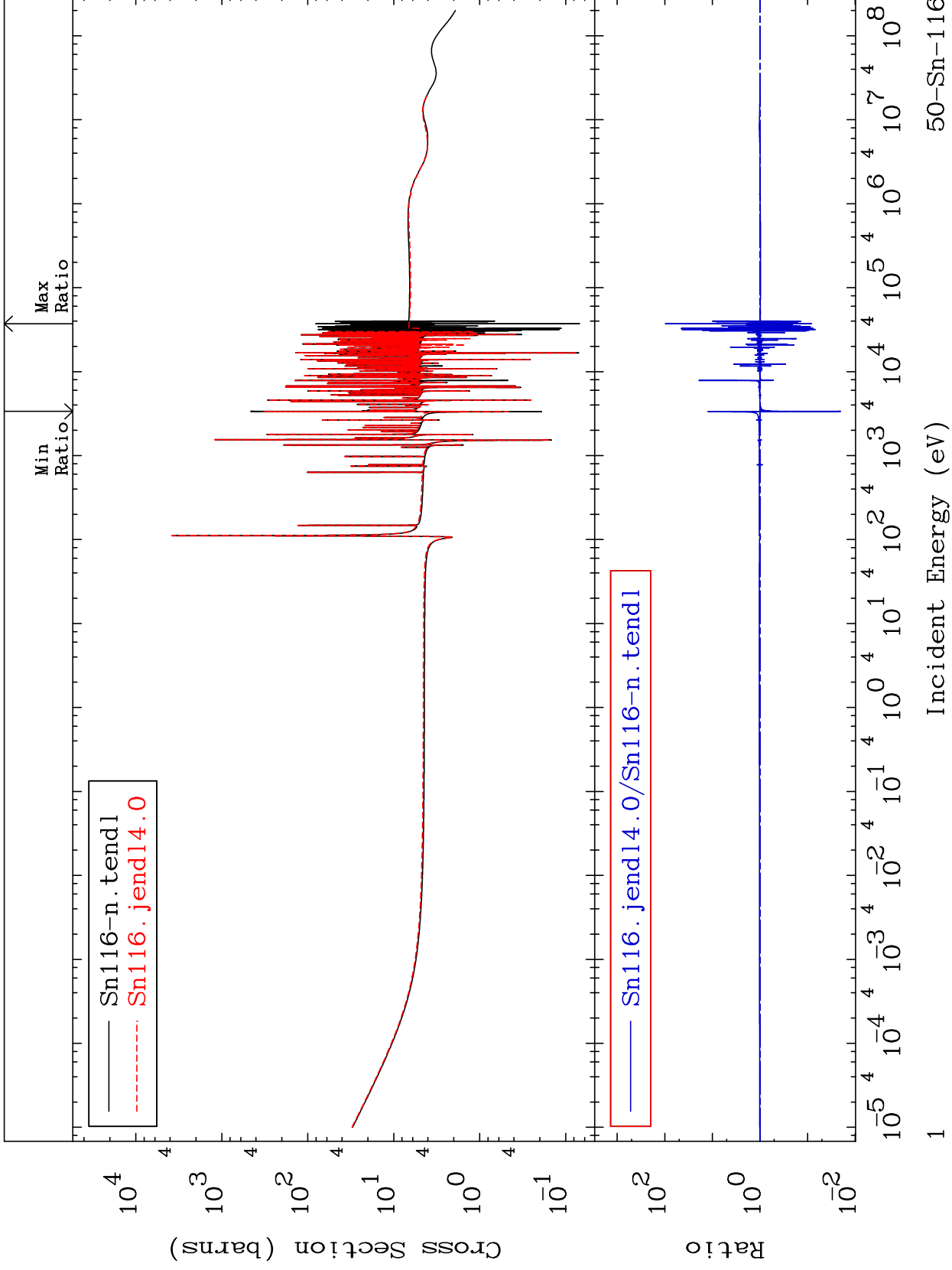
MAT 5037

Total

50-Sn-116

Cross Section

-97.99 To 9553. %



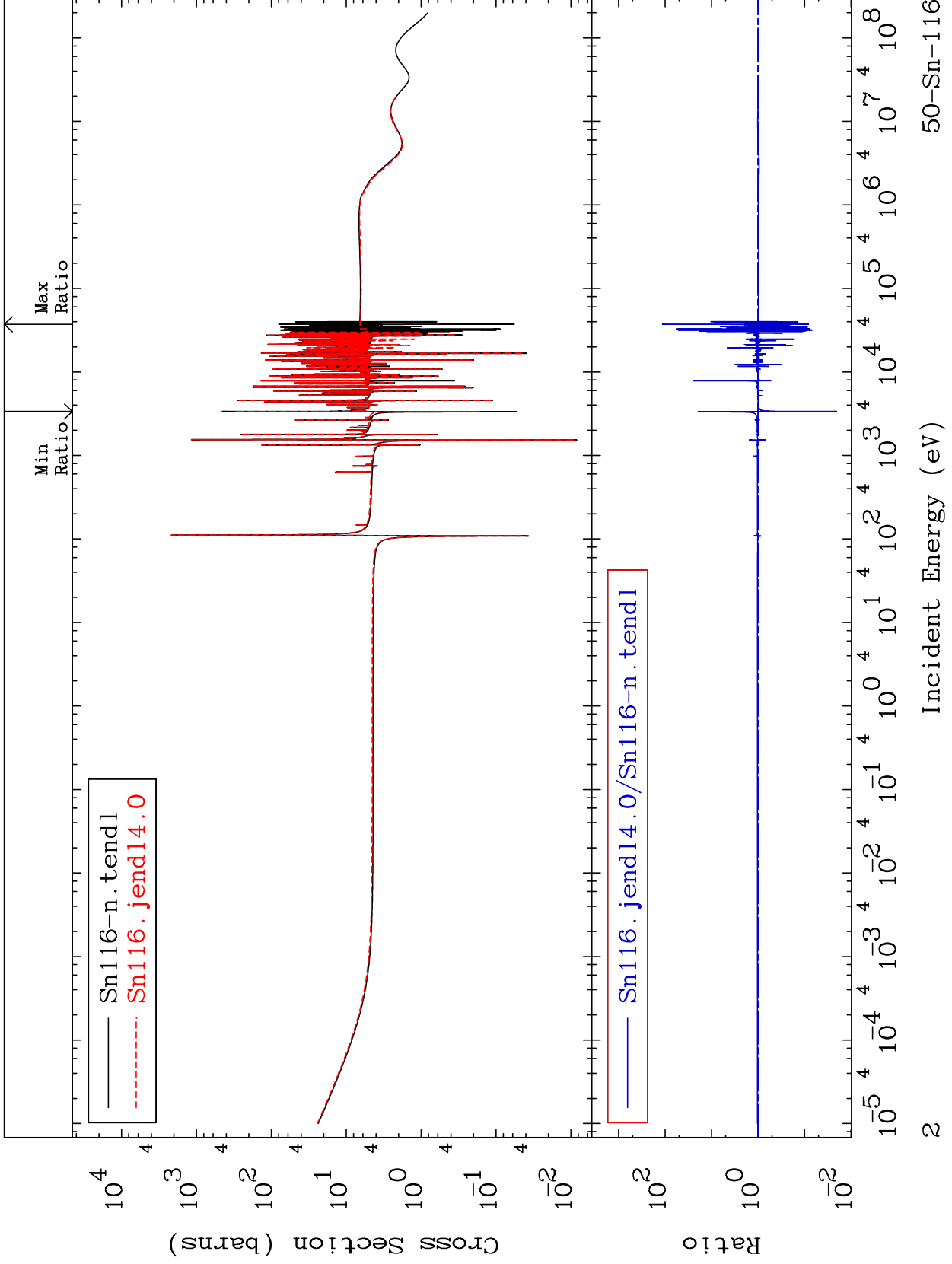
Incident Energy (eV)

50-Sn-116

MAT 5037

Elastic
Cross Section

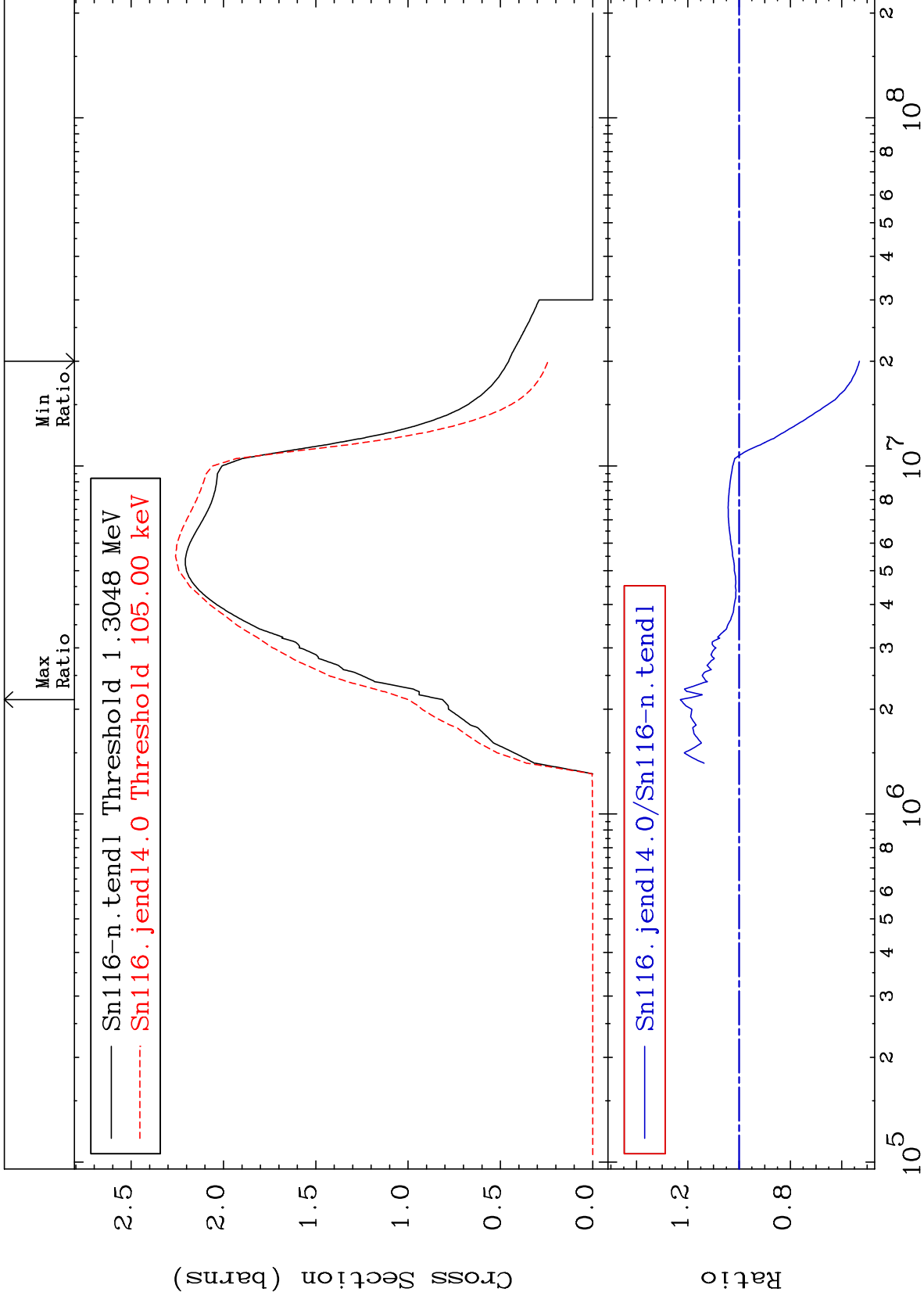
50-Sn-116
-97.95 To 9999. %



MAT 5037

Inelastic
Cross Section

50-Sn-116
-46.95 To 22.93 %



50-Sn-116

3

MAT 5037

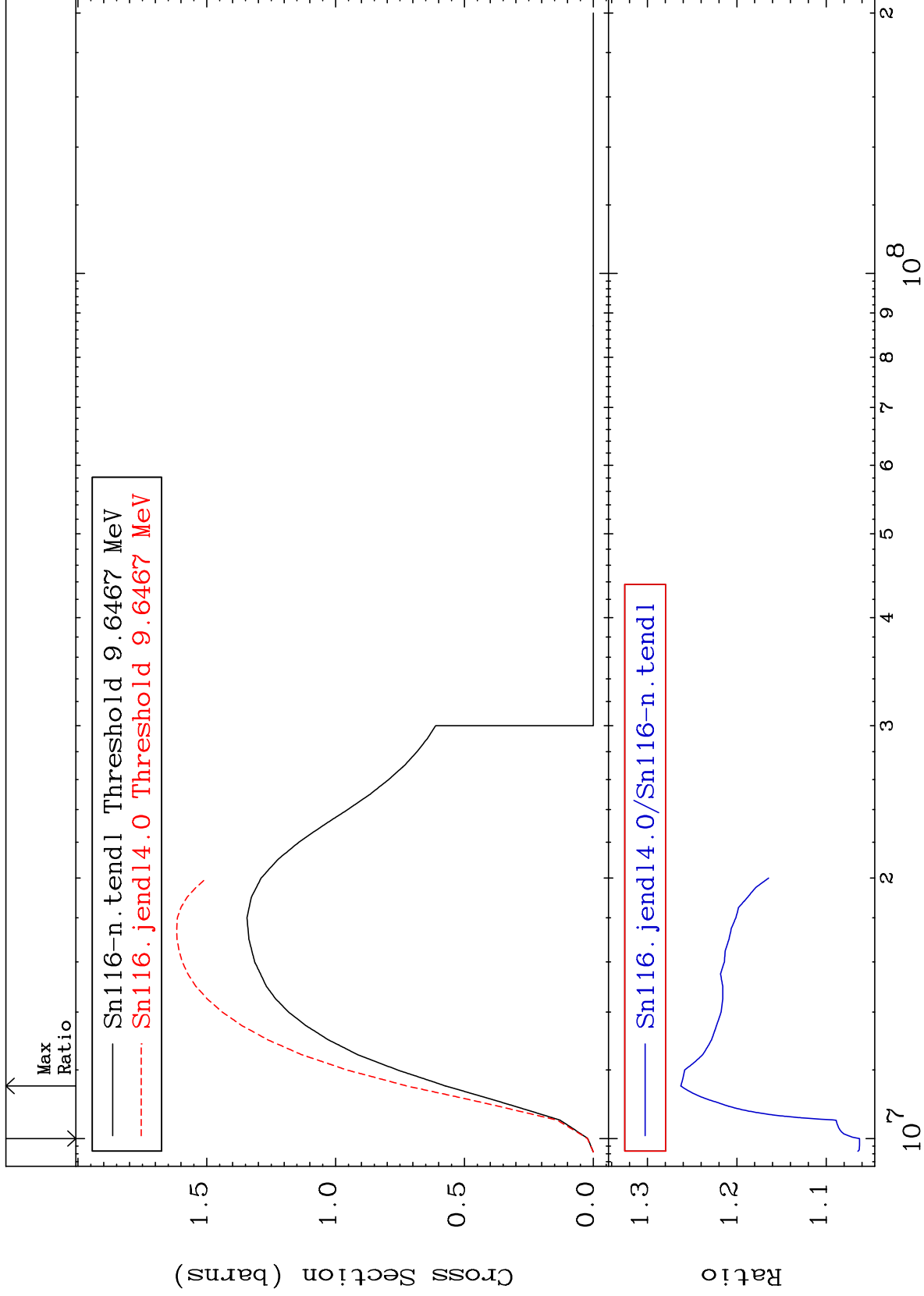
(n,2n)

50-Sn-116

Cross Section

6.280

To 26.27 %



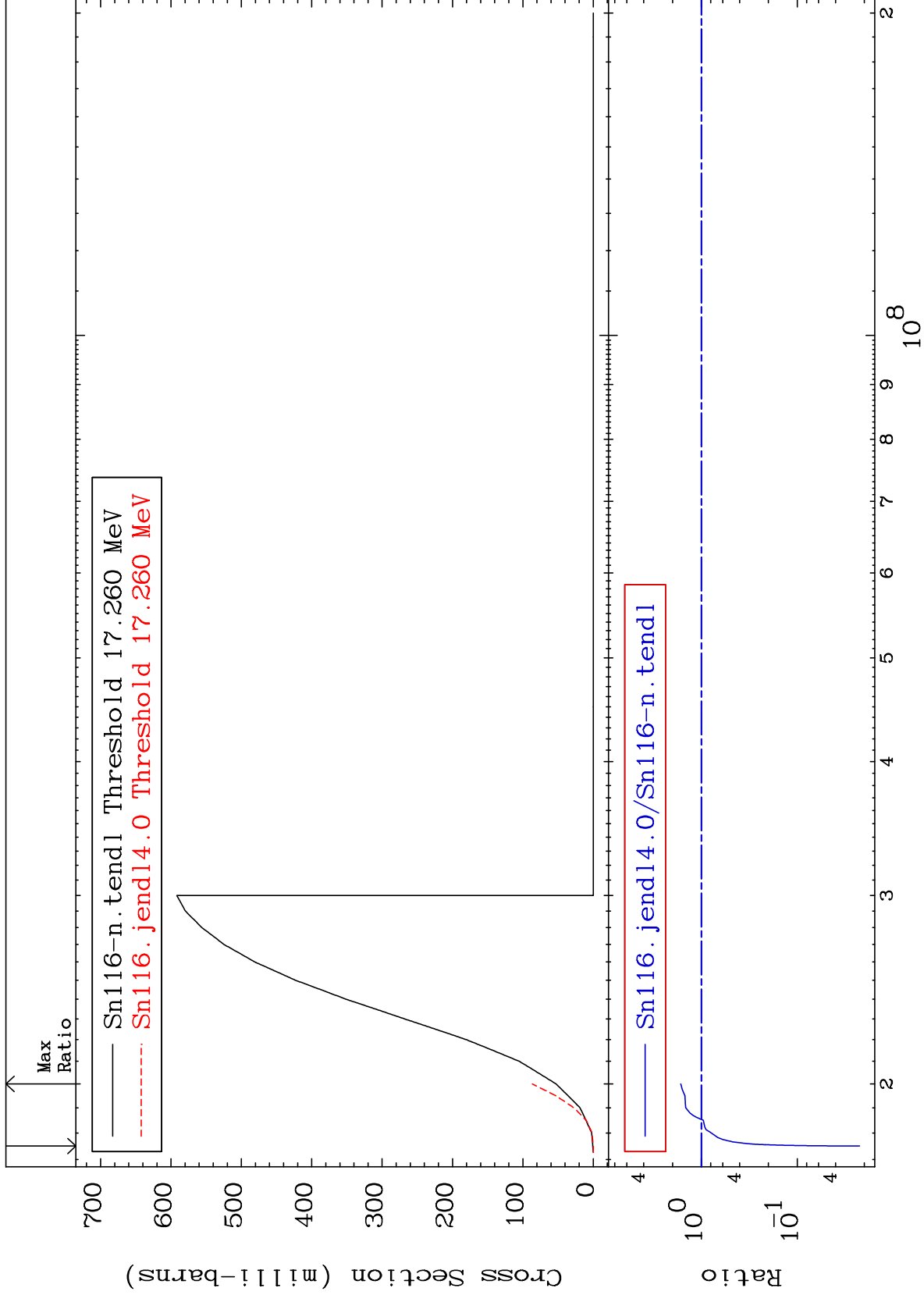
Incident Energy (eV)

50-Sn-116

MAT 5037

(n,3n)
Cross Section

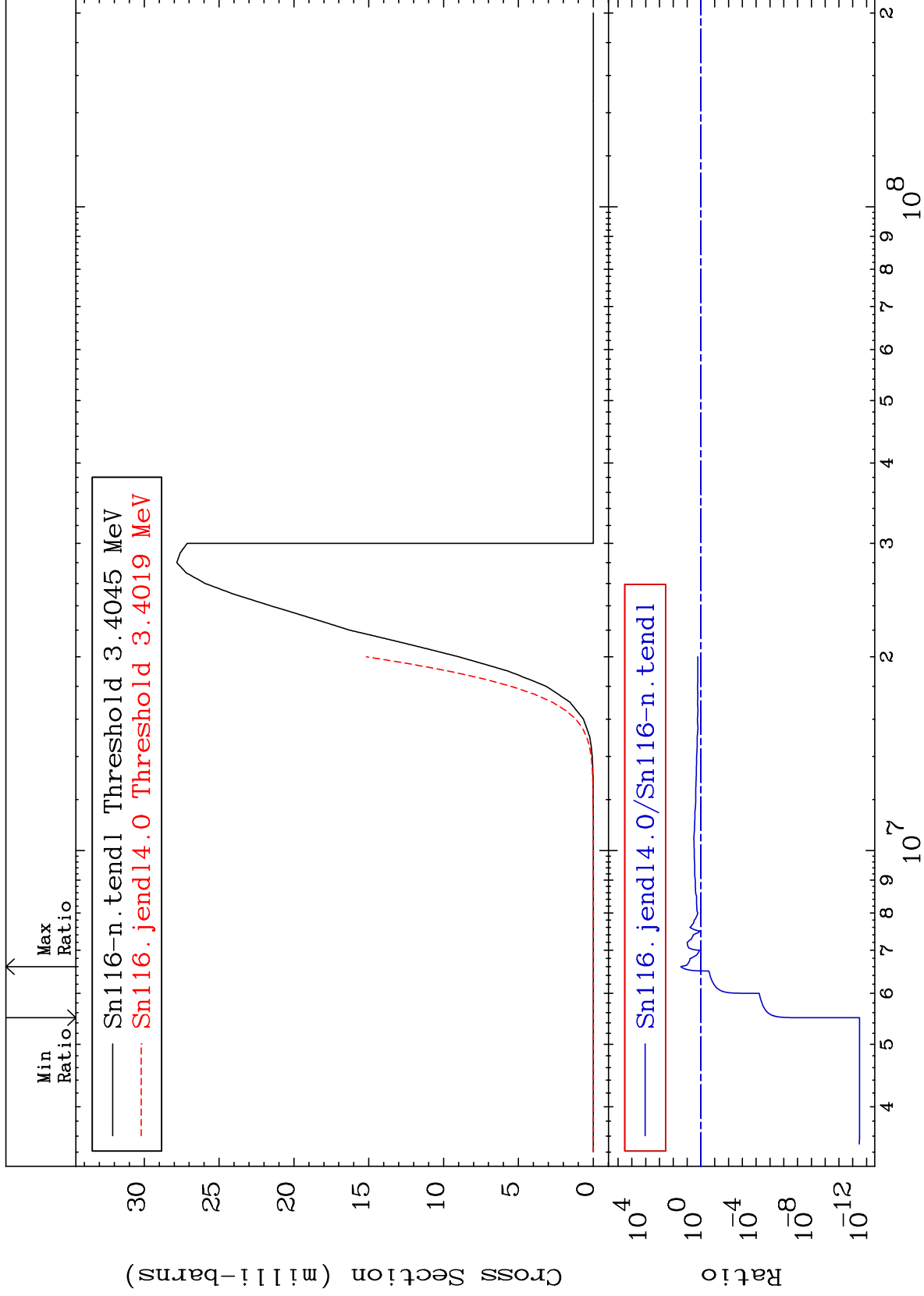
50-Sn-116
-97.75 To 64.14 %



MAT 5037

(n,n') α
Cross Section

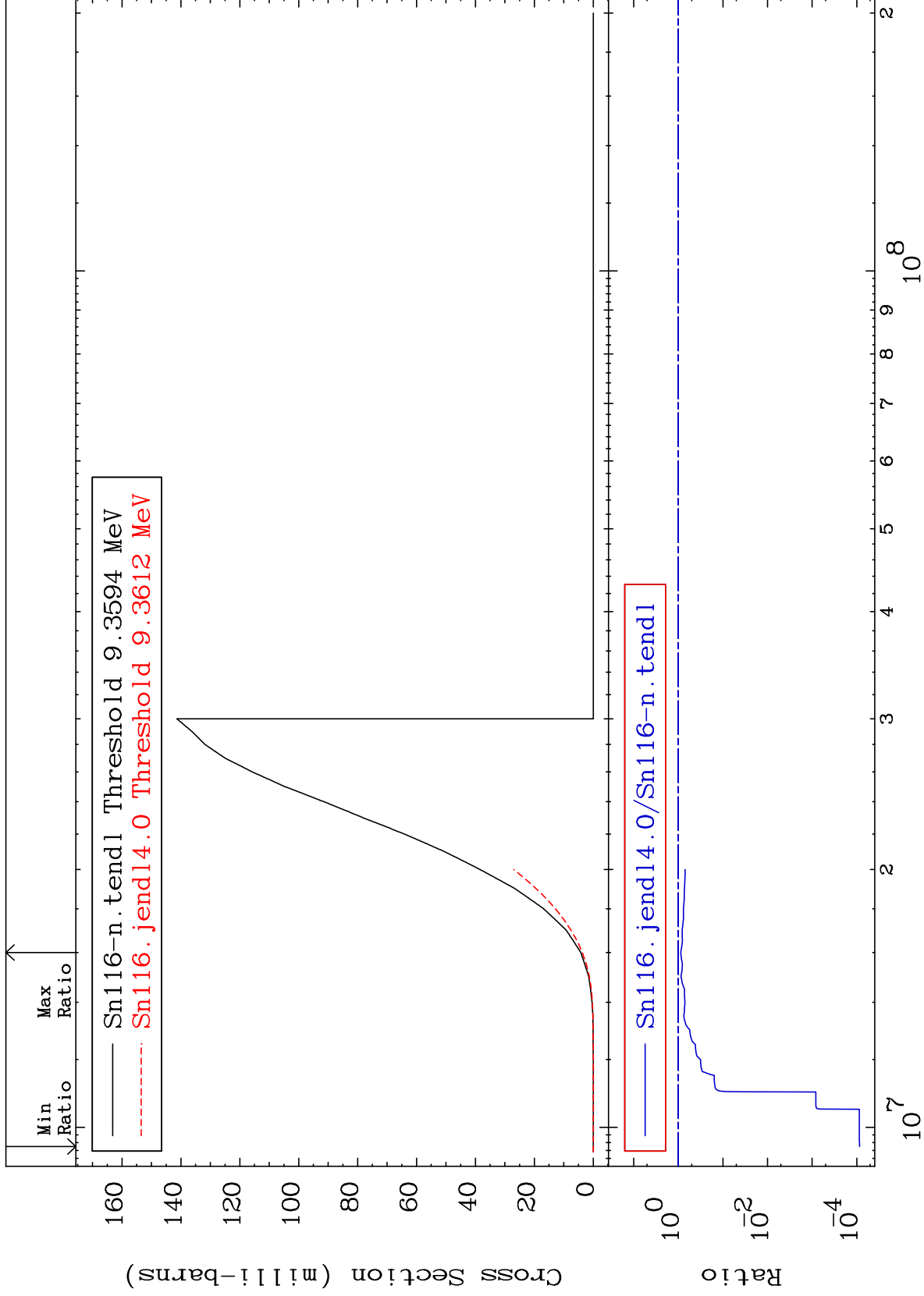
50-Sn-116
-100.0 To 2783. %



MAT 5037

(n,n') p
Cross Section

50-Sn-116
-99.99 To -12.16%



7

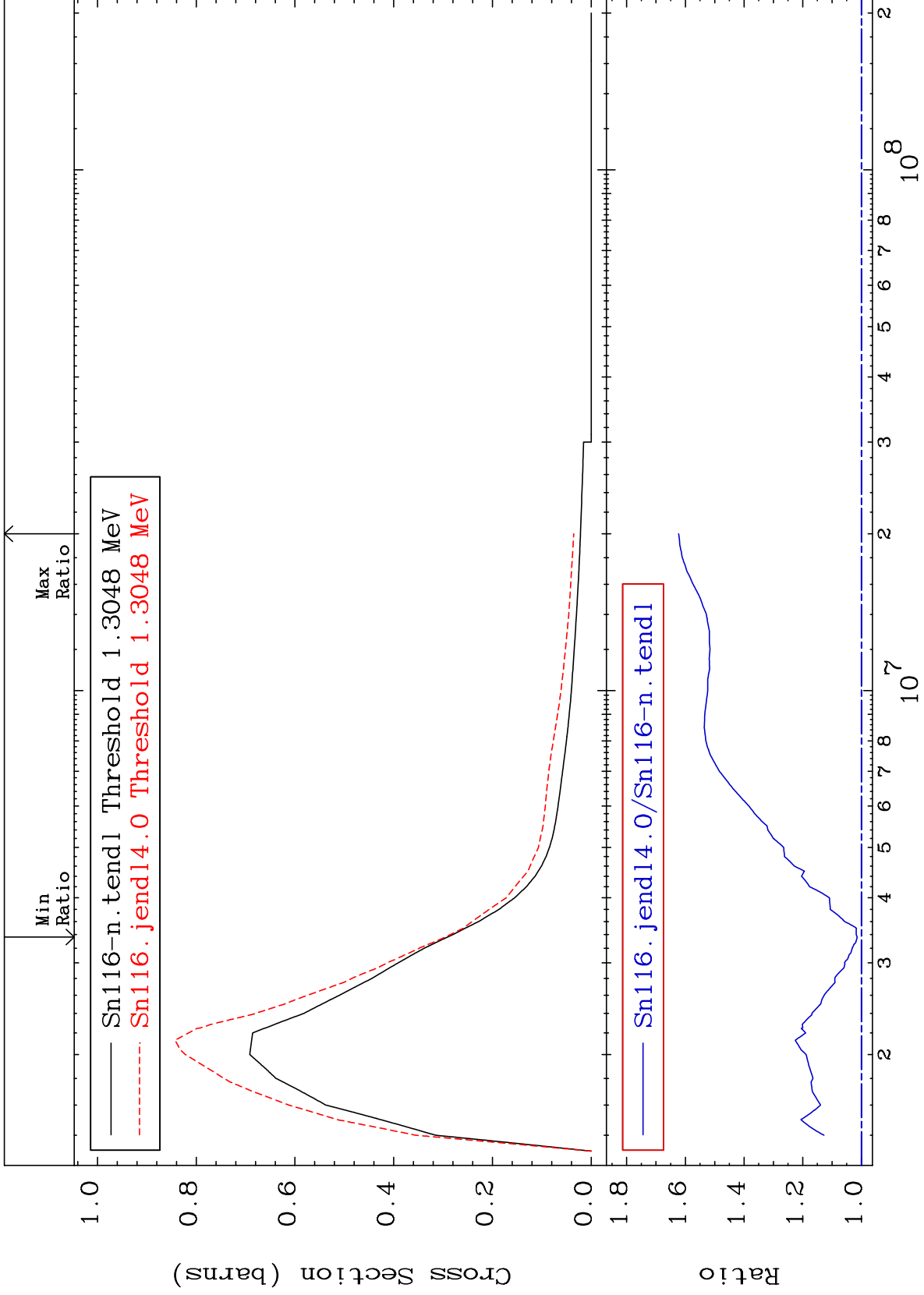
Incident Energy (eV)

50-Sn-116

MAT 5037

1.294 MeV (n,n') Level
Cross Section

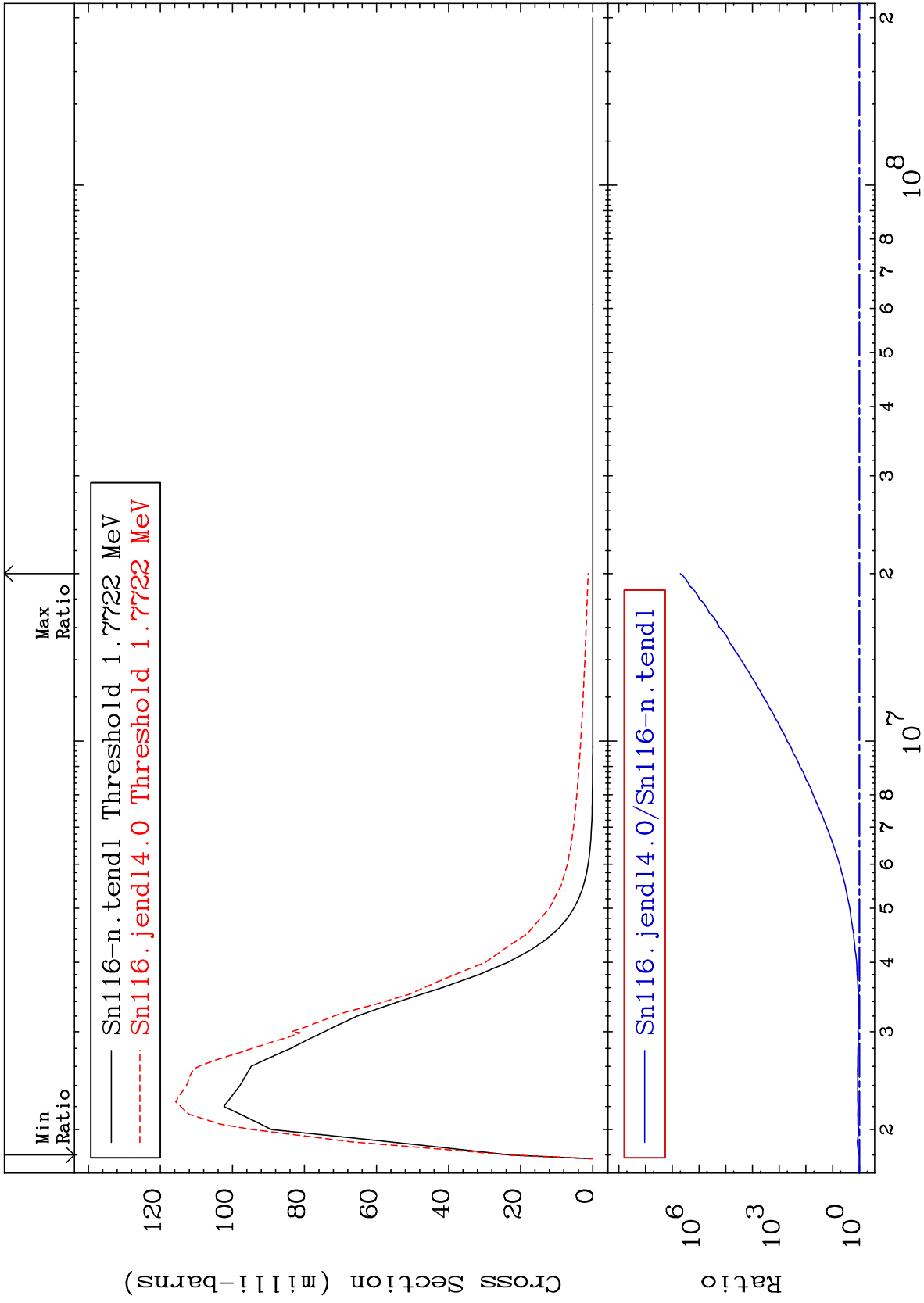
1.418 To 62.29 %
50-Sn-116



MAT 5037

1.757 MeV (n,n') Level
Cross Section

50-Sn-116
-0.303 To 9999. %



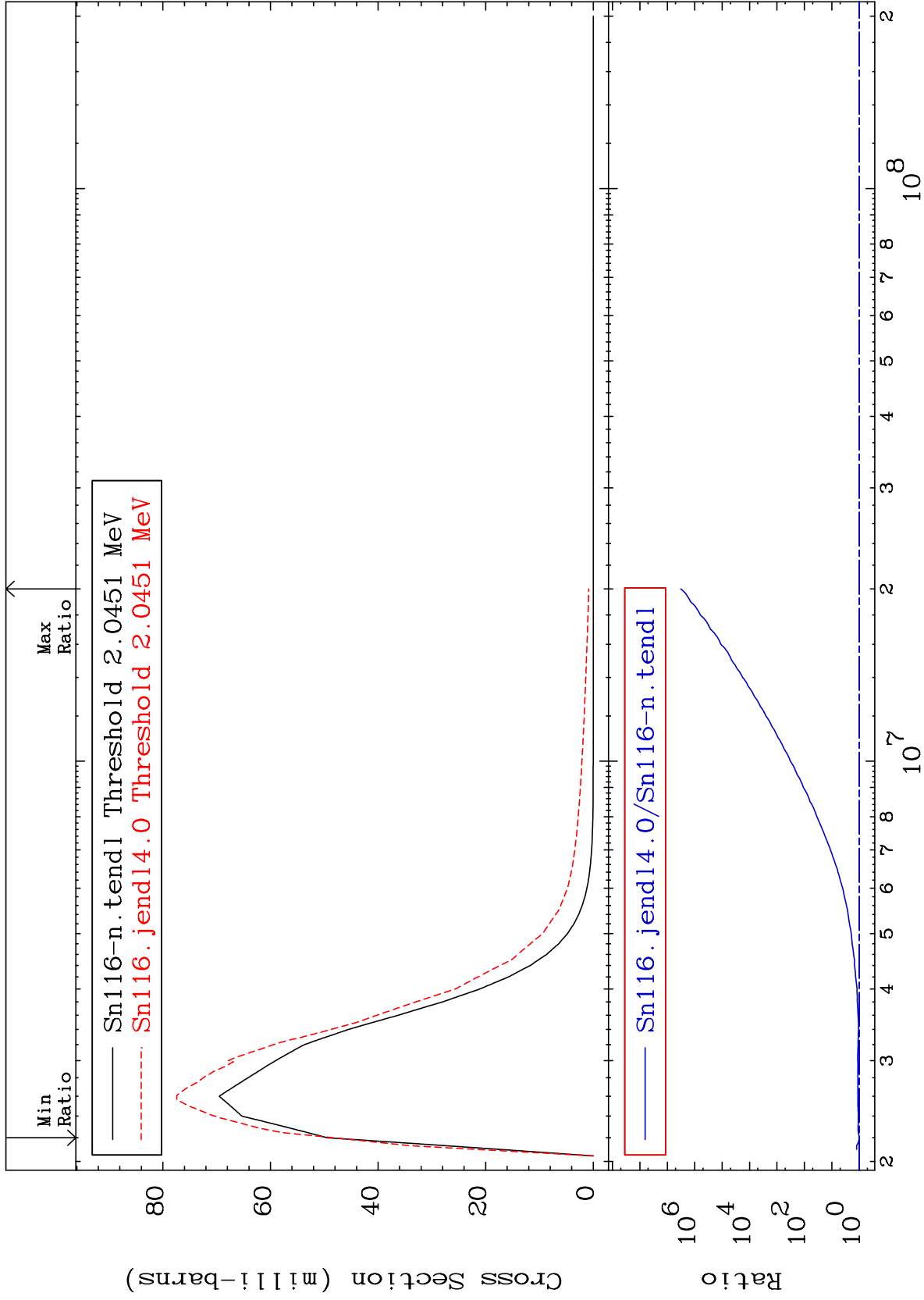
MAT 5037

2.027 MeV (n,n') Level

50-Sn-116

-2.331 To 9999. %

Cross Section



10

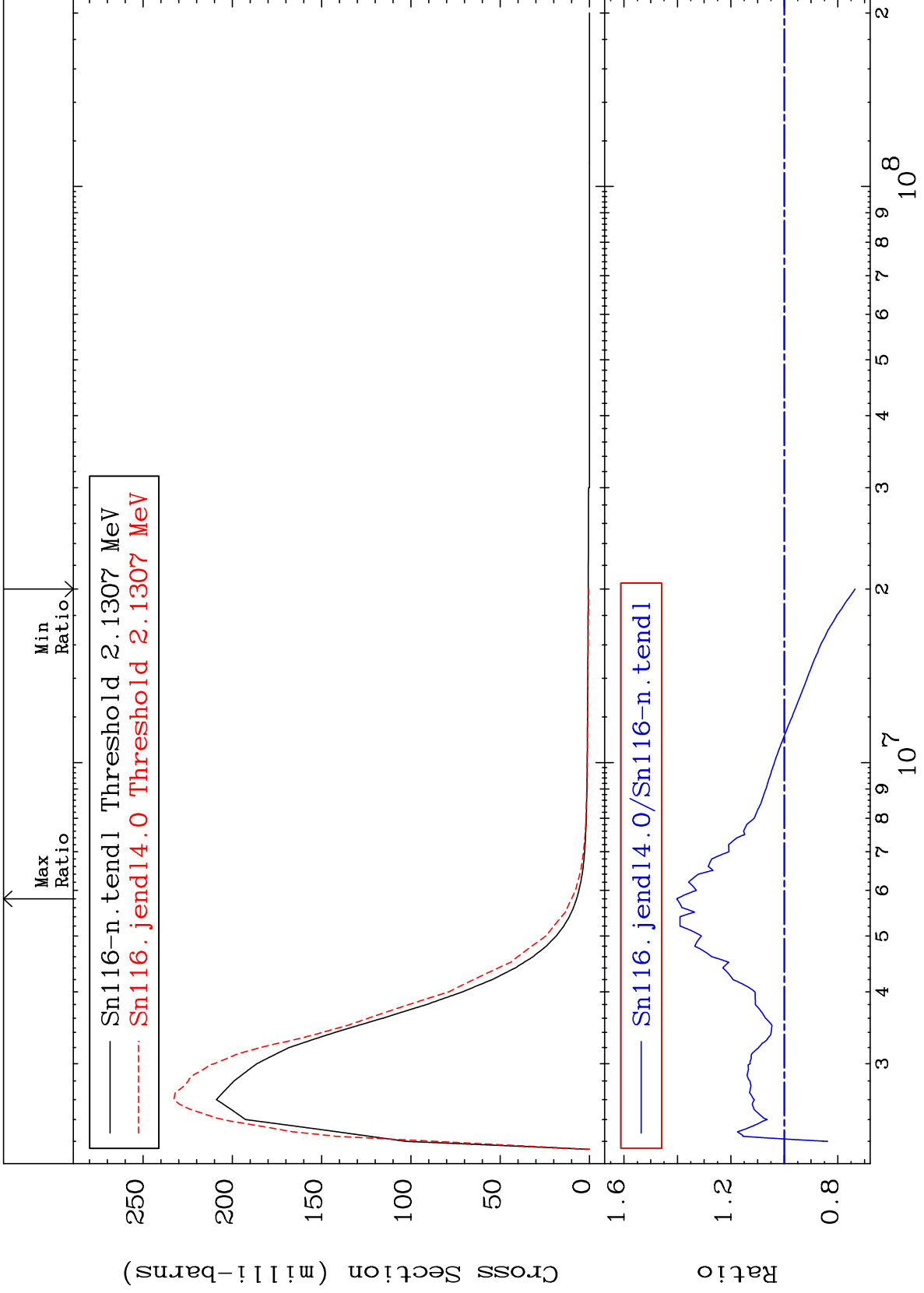
Incident Energy (eV)

50-Sn-116

MAT 5037

2.112 MeV (n,n') Level
Cross Section

50-Sn-116
-26.45 To 40.26 %



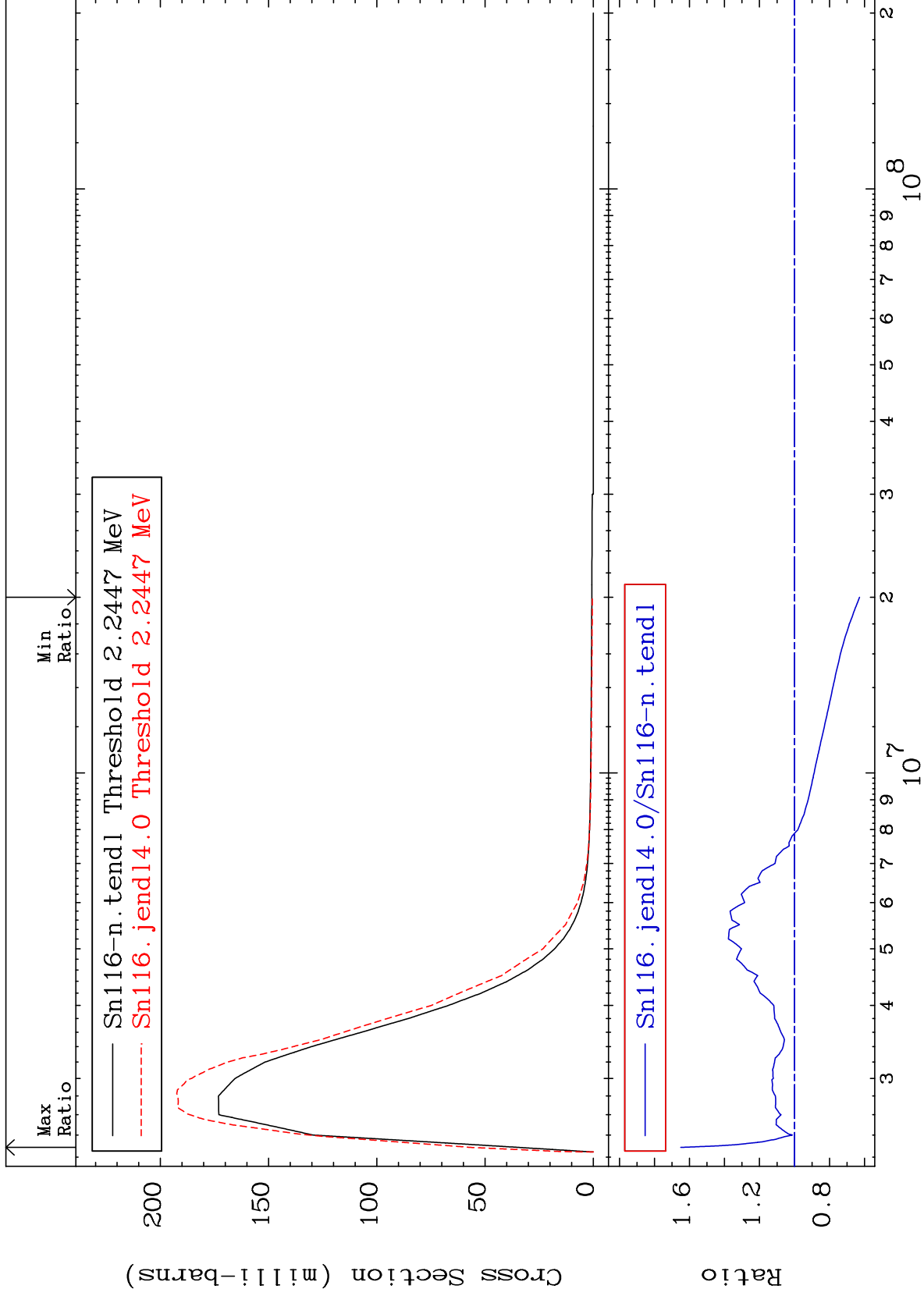
MAT 5037

2.225 MeV (n,n') Level

50-Sn-116

-37.14 To 64.97 %

Cross Section

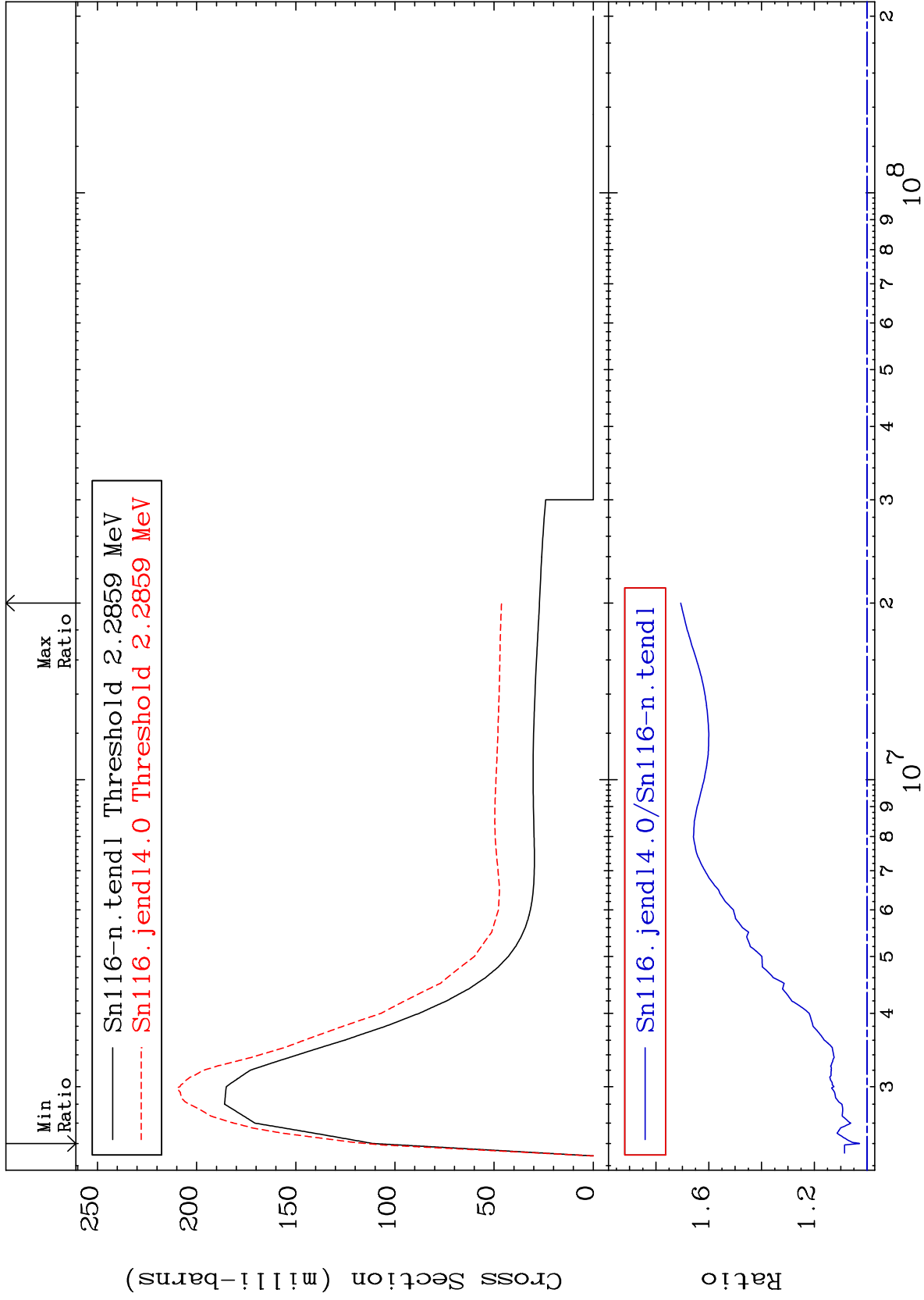


MAT 5037

2.266 MeV (n,n') Level

50-Sn-116

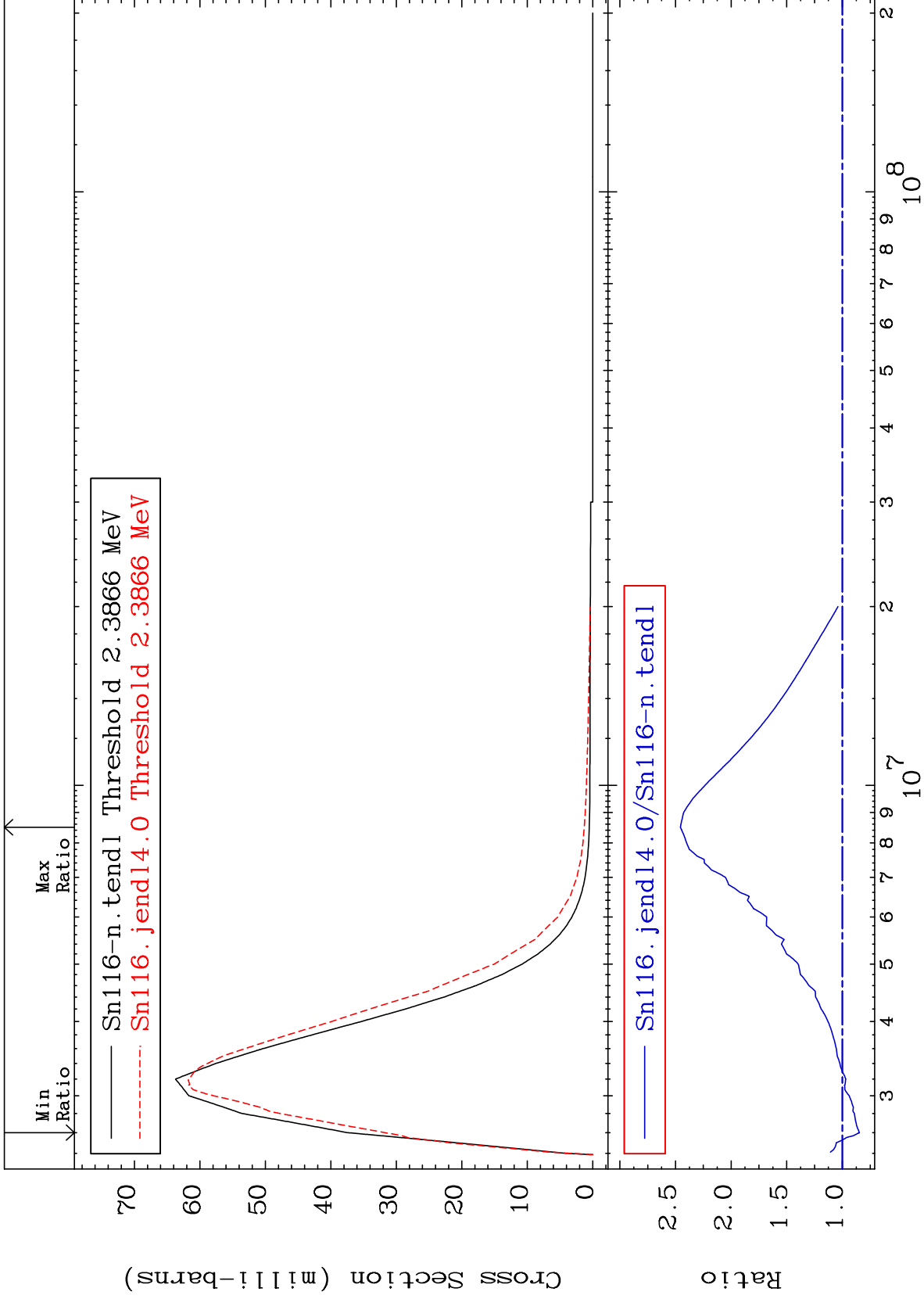
2.868 To 70.60 %
Cross Section



MAT 5037

2.366 MeV (n,n') Level
Cross Section

50-Sn-116
-15.35 To 145.6 %



14

Incident Energy (eV)

50-Sn-116

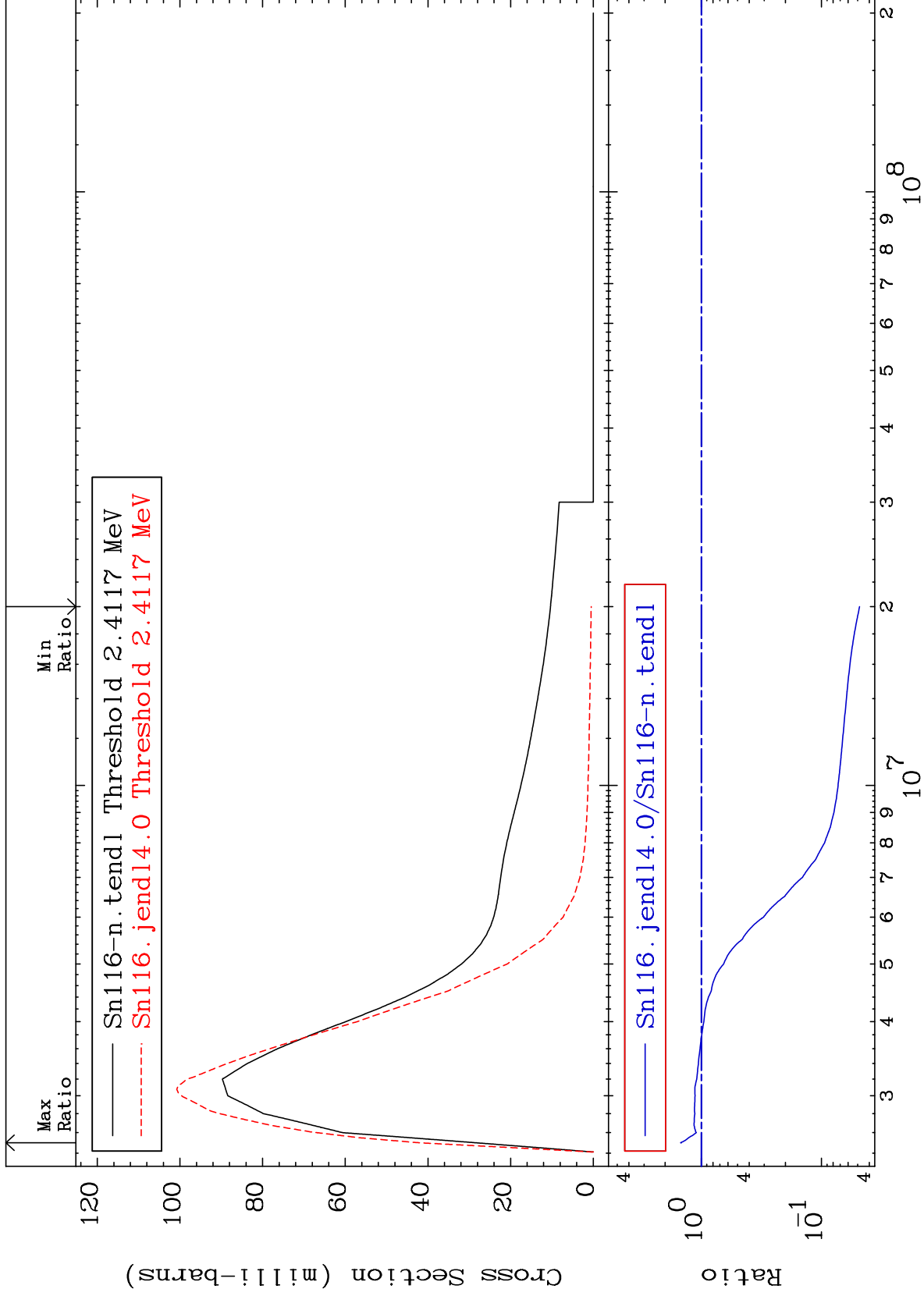
MAT 5037

2.391 MeV (n,n') Level

50-Sn-116

-95.18 To 48.28 %

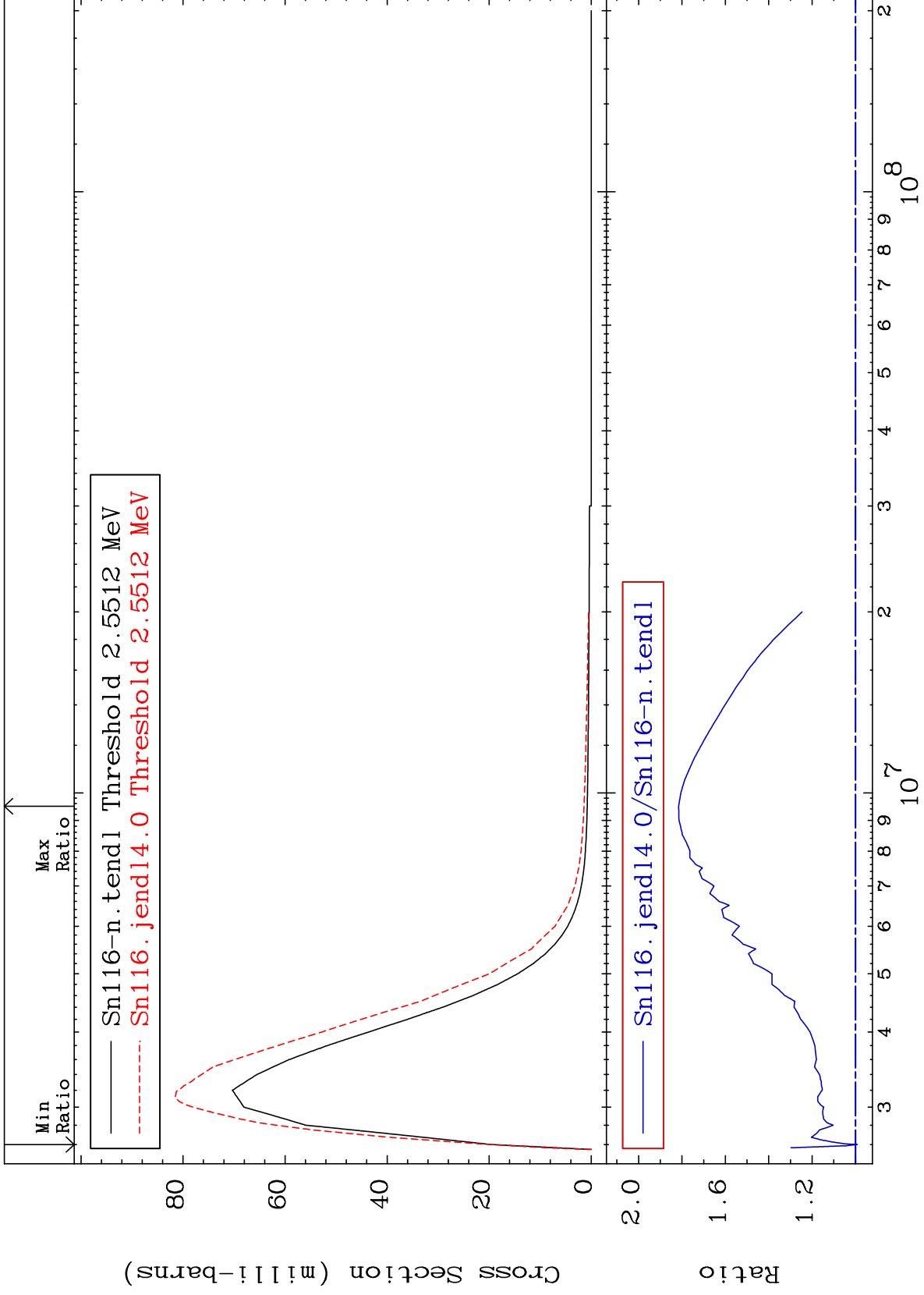
Cross Section



MAT 5037

2.529 MeV (n,n') Level
Cross Section

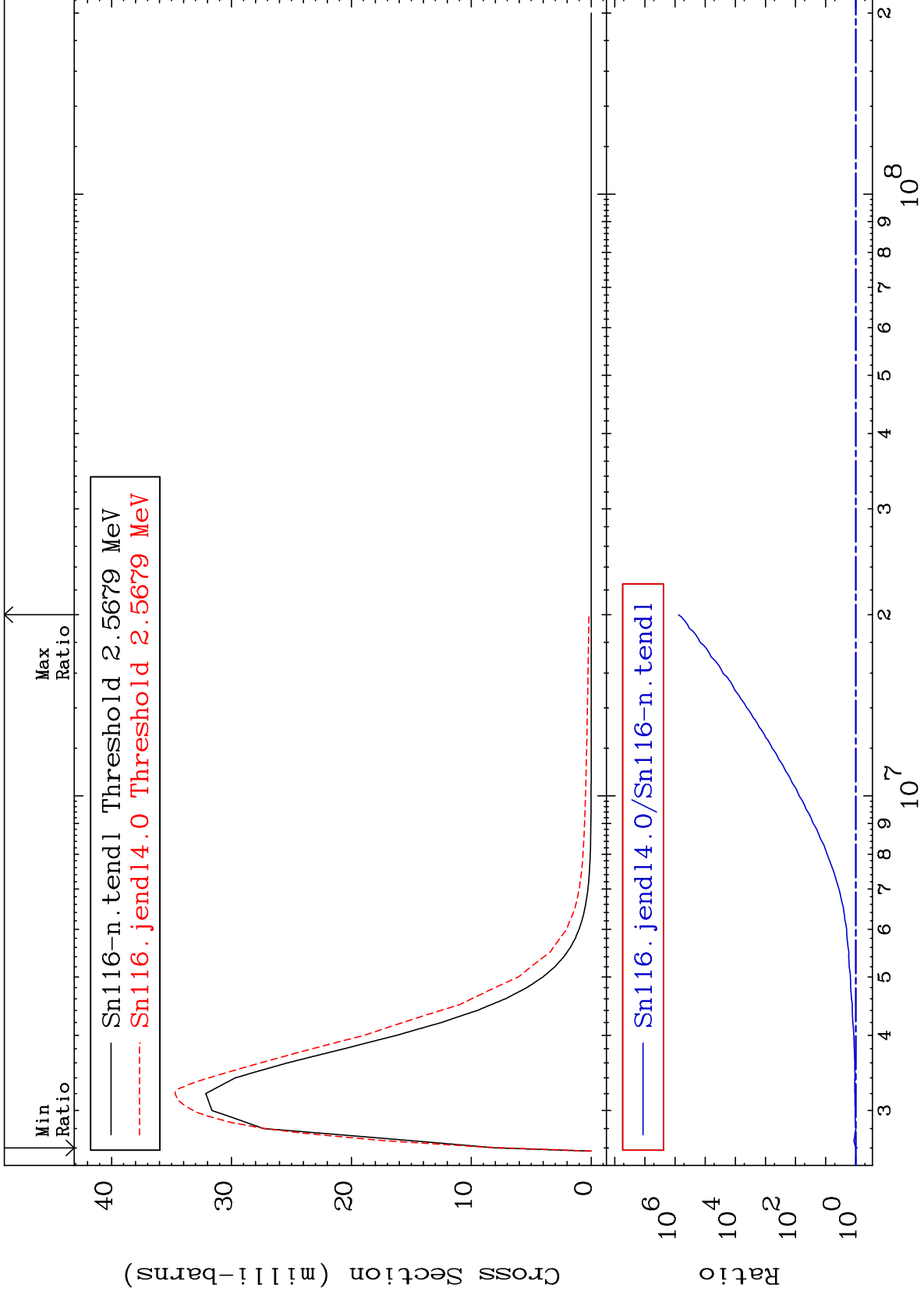
50-Sn-116
-0.801 To 81.54 %



MAT 5037

2.546 MeV (n,n') Level
Cross Section

50-Sn-116
-10.05 To 9999. %



17

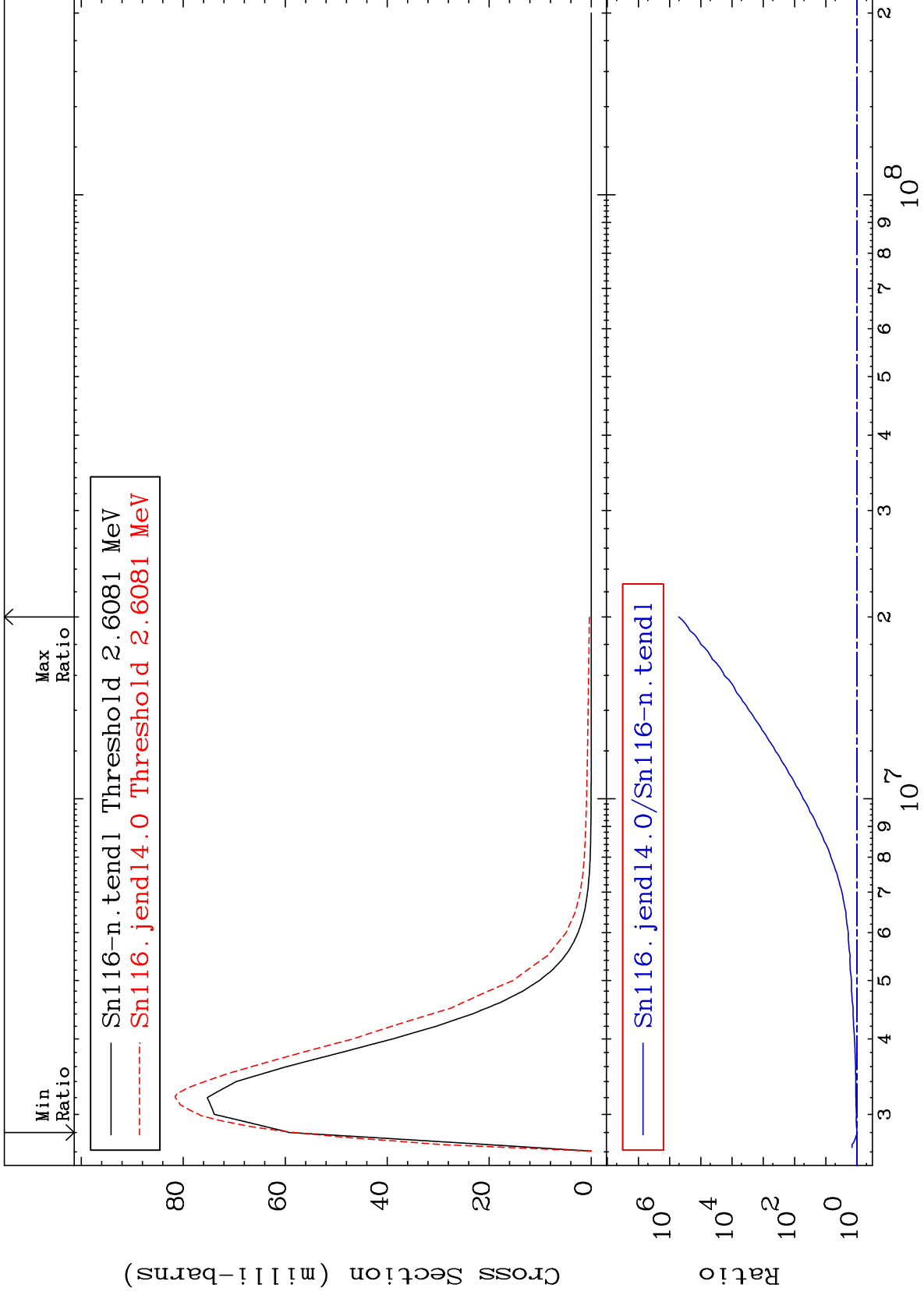
Incident Energy (eV)

50-Sn-116

MAT 5037

2.586 MeV (n,n') Level
Cross Section

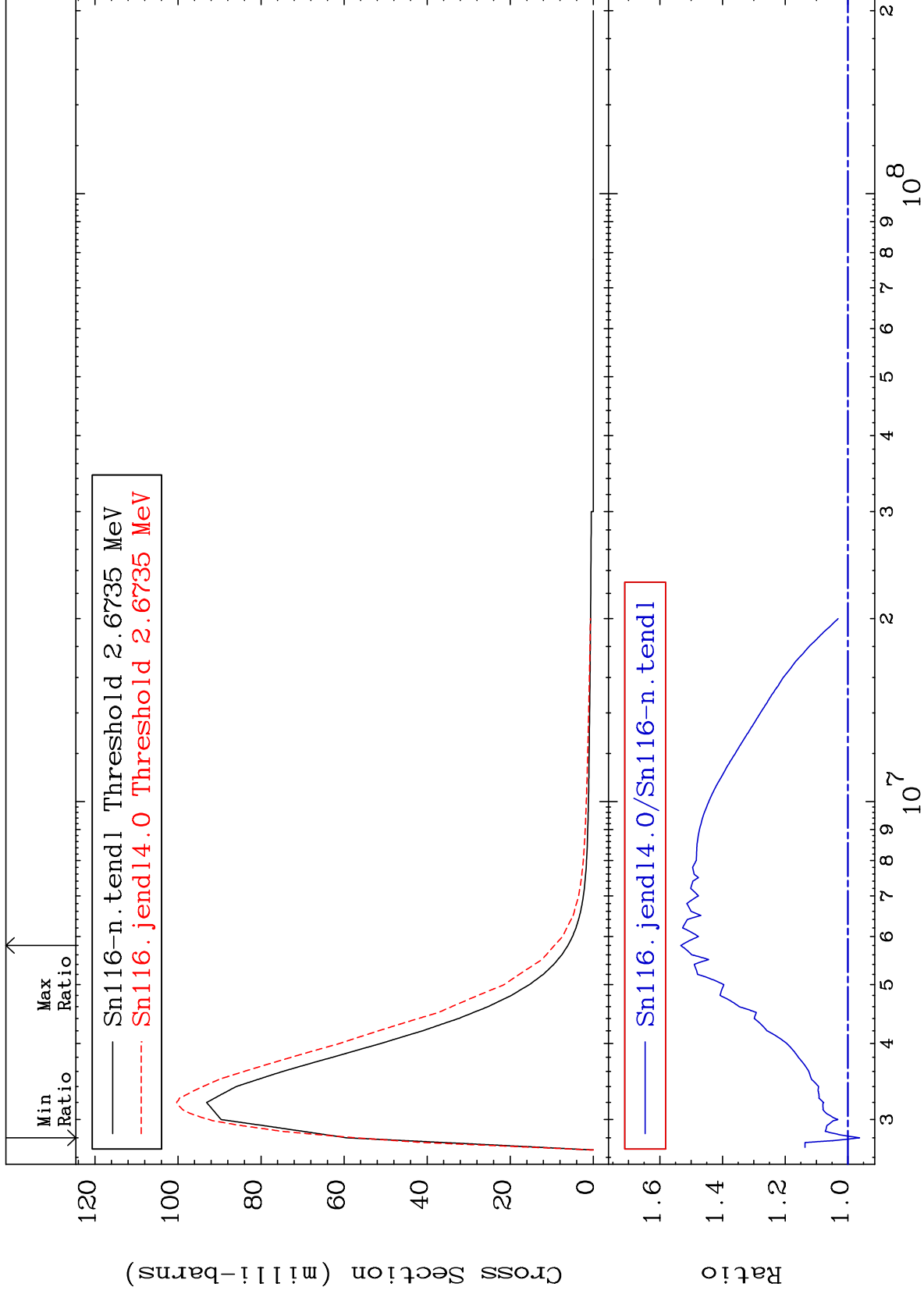
50-Sn-116
-1.760 To 9999. %



MAT 5037

2.650 MeV (n,n') Level
Cross Section

50-Sn-116
-3.742 To 53.32 %



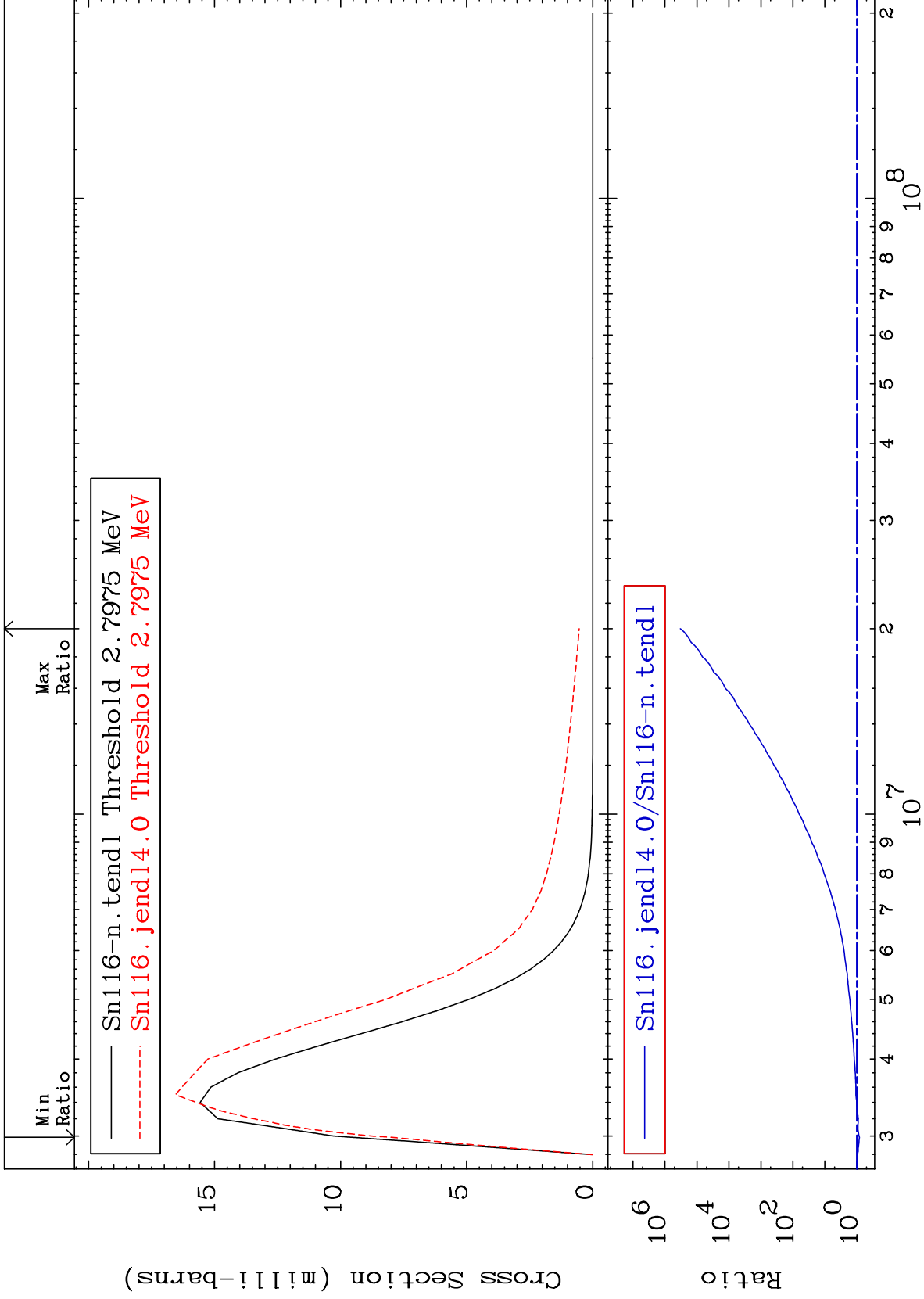
MAT 5037

2.773 MeV (n,n') Level

50-Sn-116

-16.60 To 9999. %

Cross Section



20

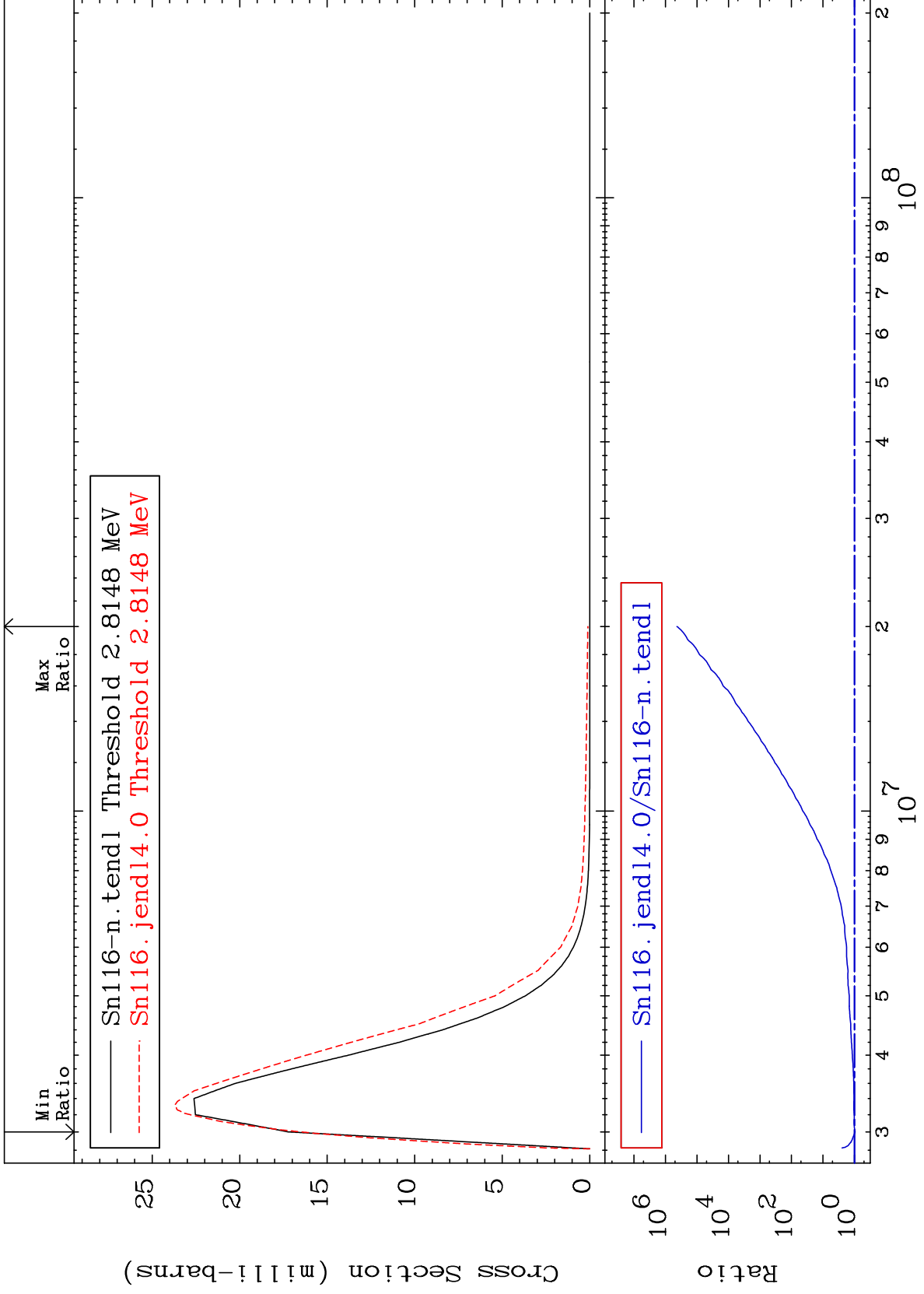
Incident Energy (eV)

50-Sn-116

MAT 5037

2.791 MeV (n,n') Level
Cross Section

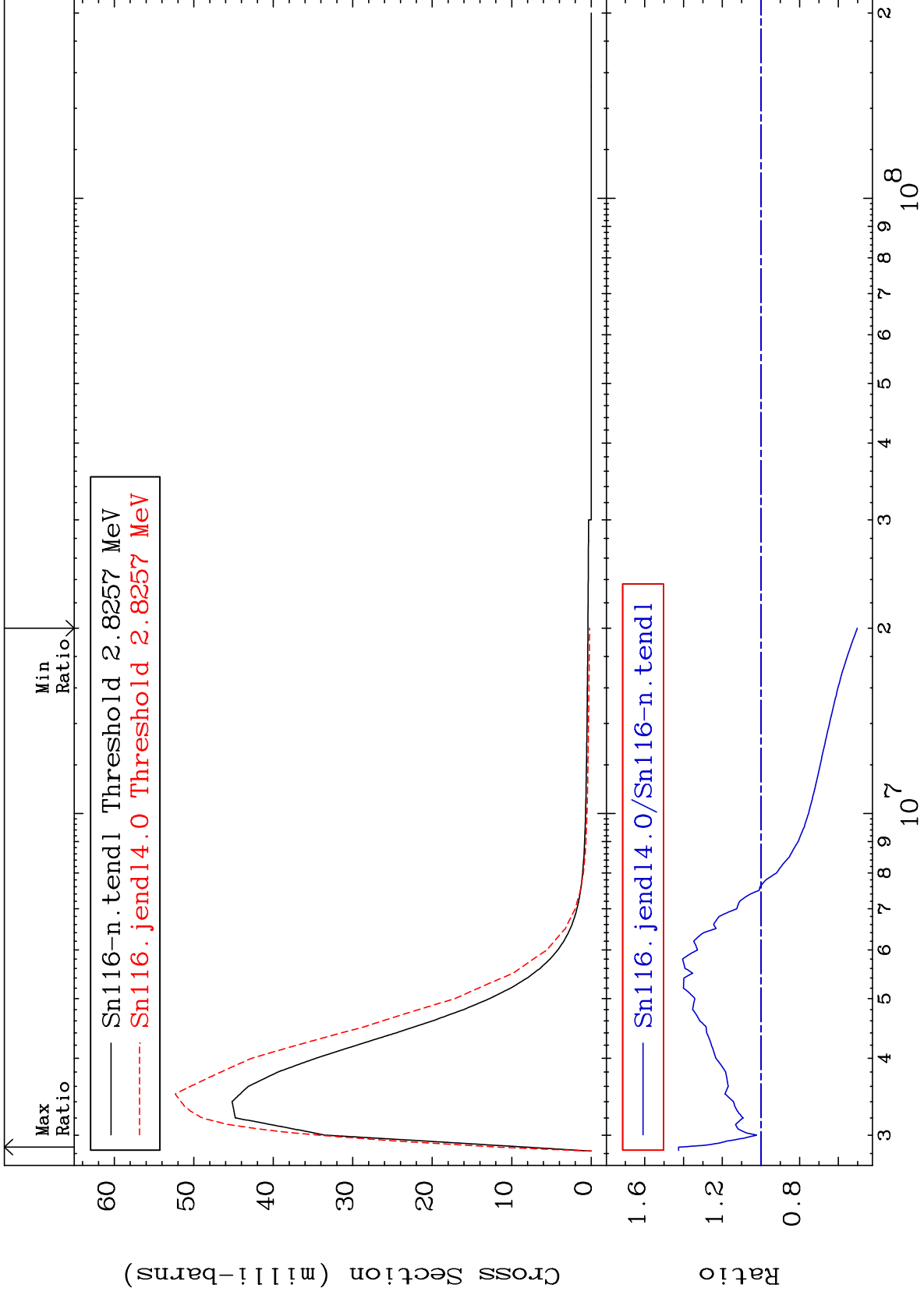
50-Sn-116
-4.146 To 9999. %



MAT 5037

2.801 MeV (n,n') Level
Cross Section

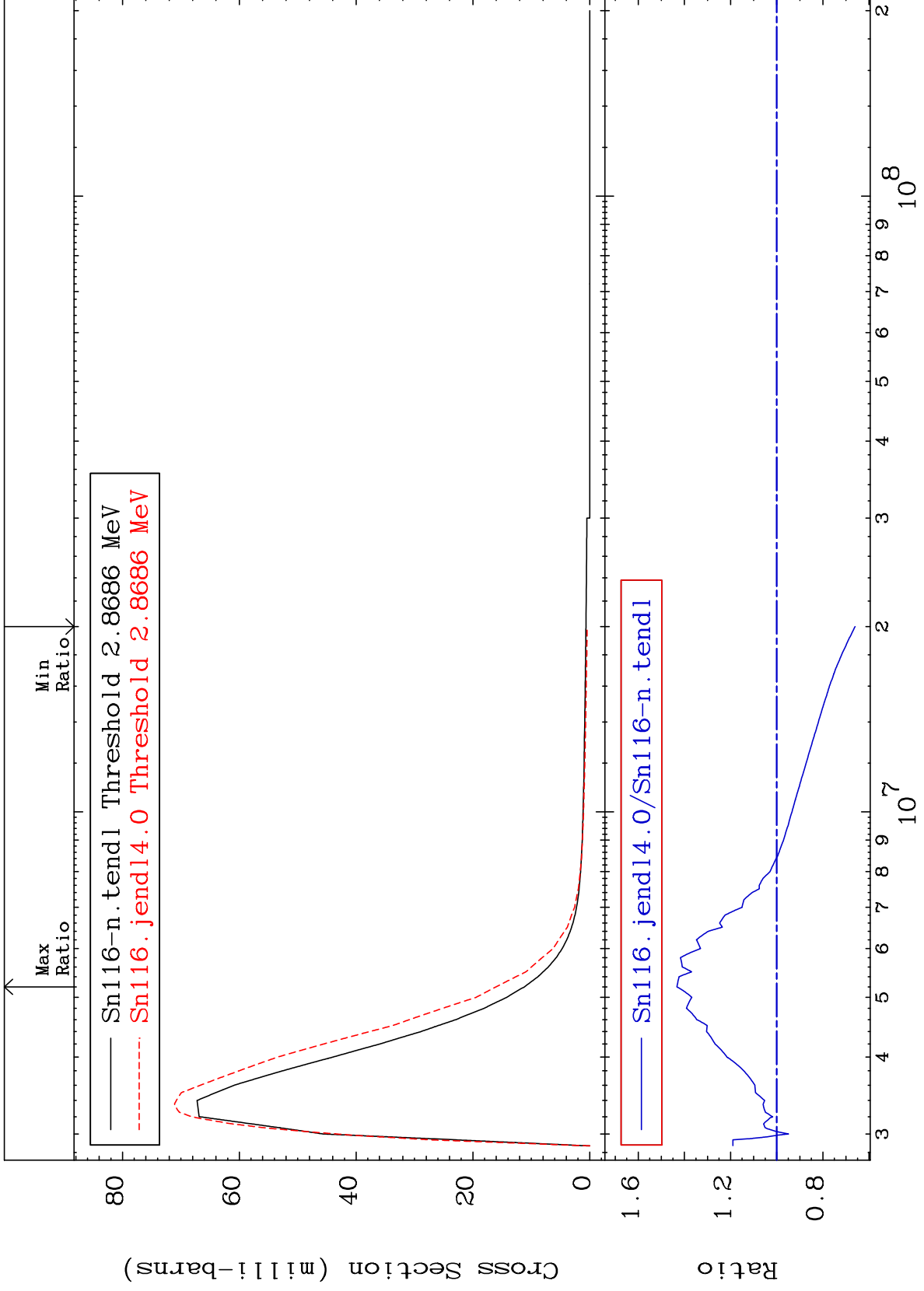
50-Sn-116
-49.78 To 42.51 %



MAT 5037

2.844 MeV (n,n') Level
Cross Section

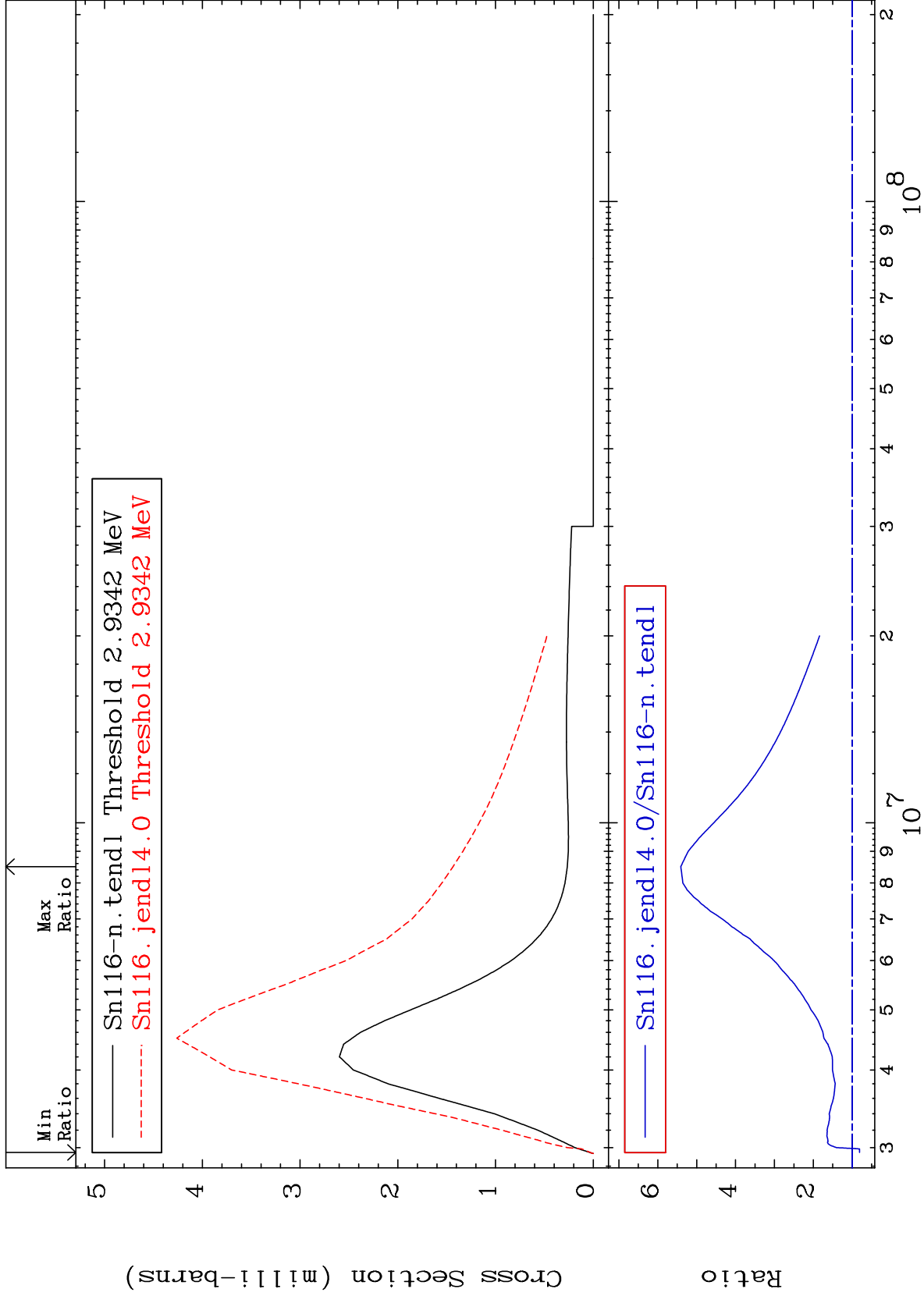
50-Sn-116
-33.95 To 43.24 %



MAT 5037

2.909 MeV (n,n') Level
Cross Section

50-Sn-116
-18.85 To 440.9 %



24

Incident Energy (eV)

50-Sn-116

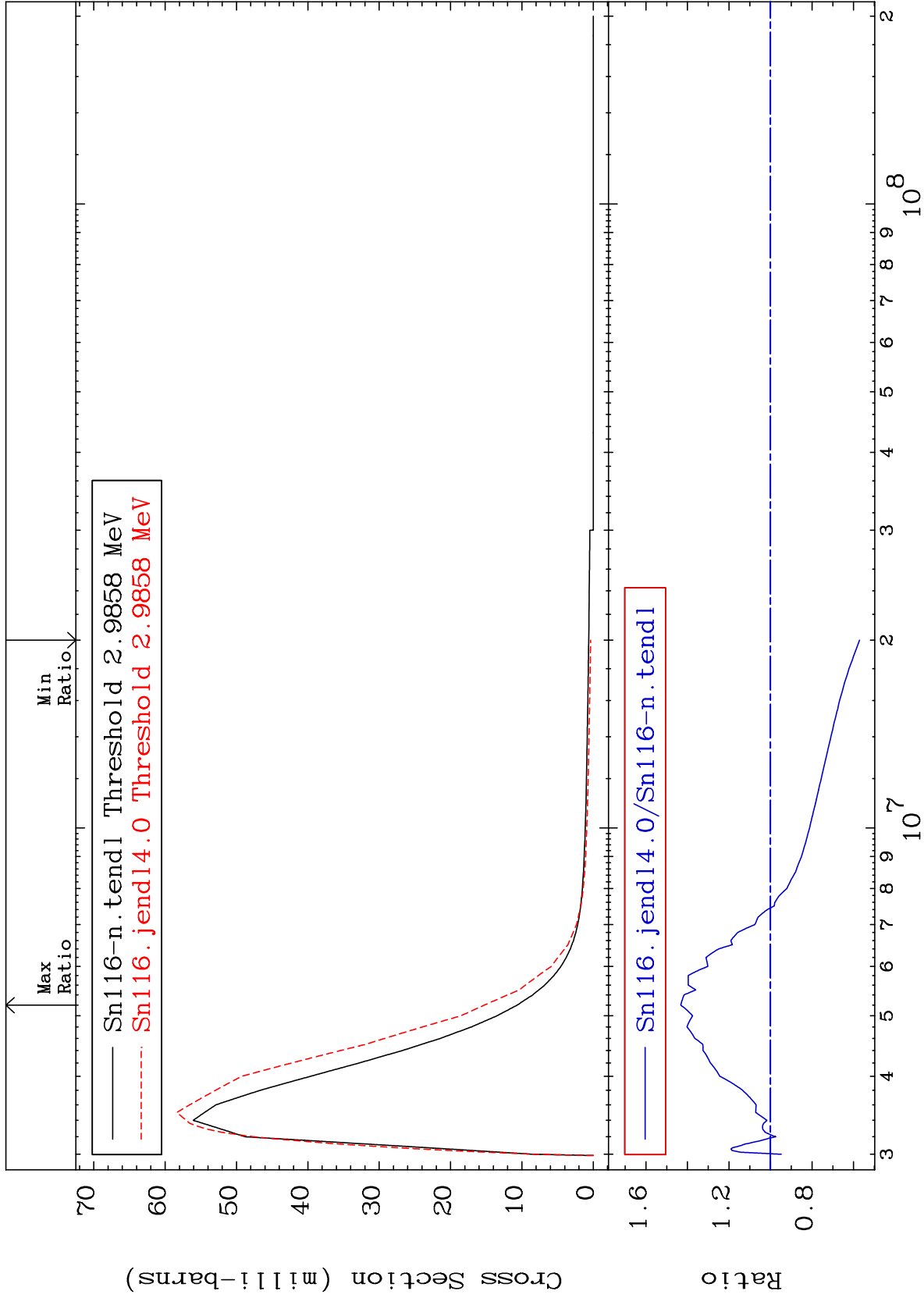
MAT 5037

2.960 MeV (n,n') Level

50-Sn-116

-42.88 To 43.22 %

Cross Section



25

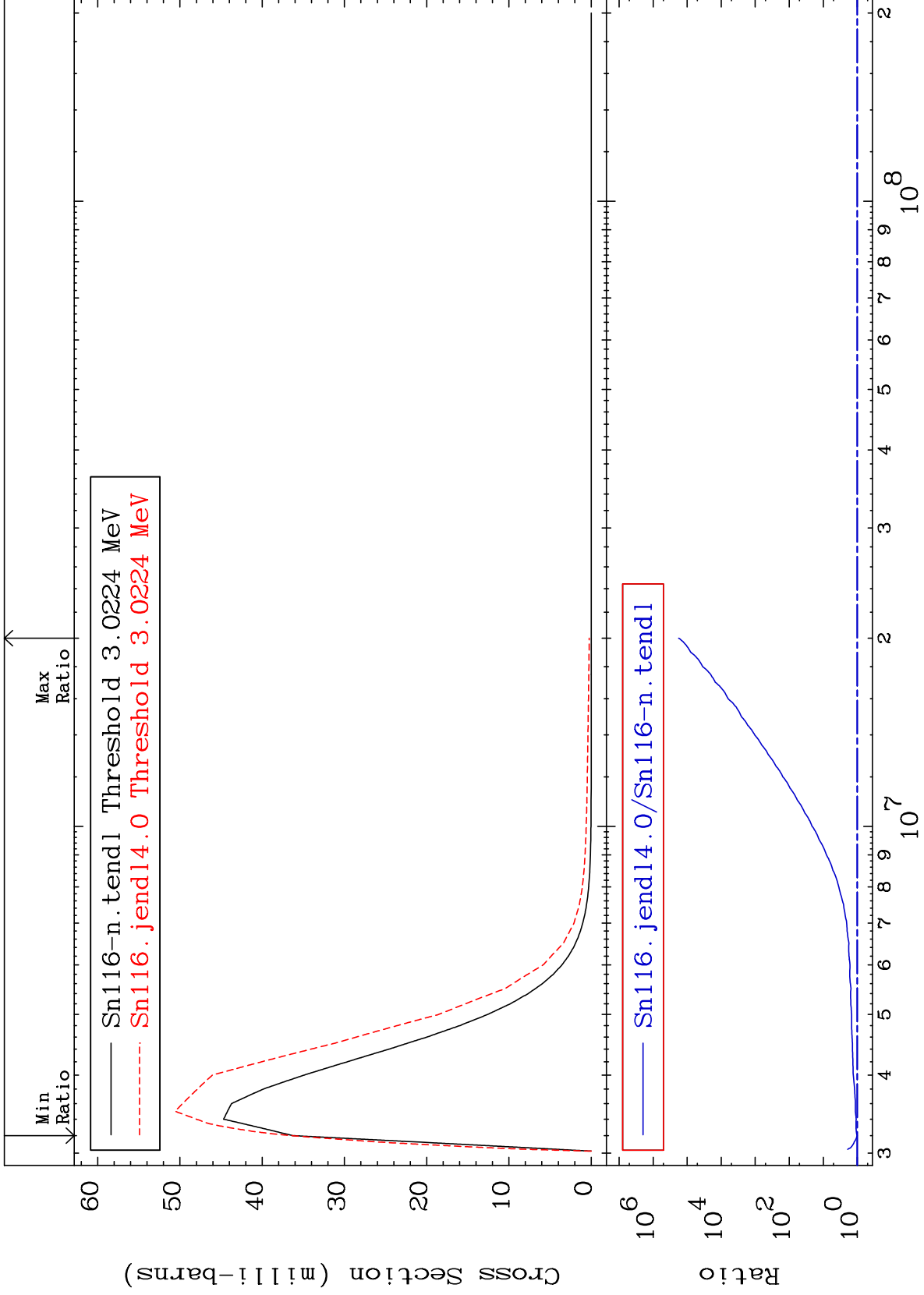
Incident Energy (eV)

50-Sn-116

MAT 5037

2.996 MeV (n,n') Level
Cross Section

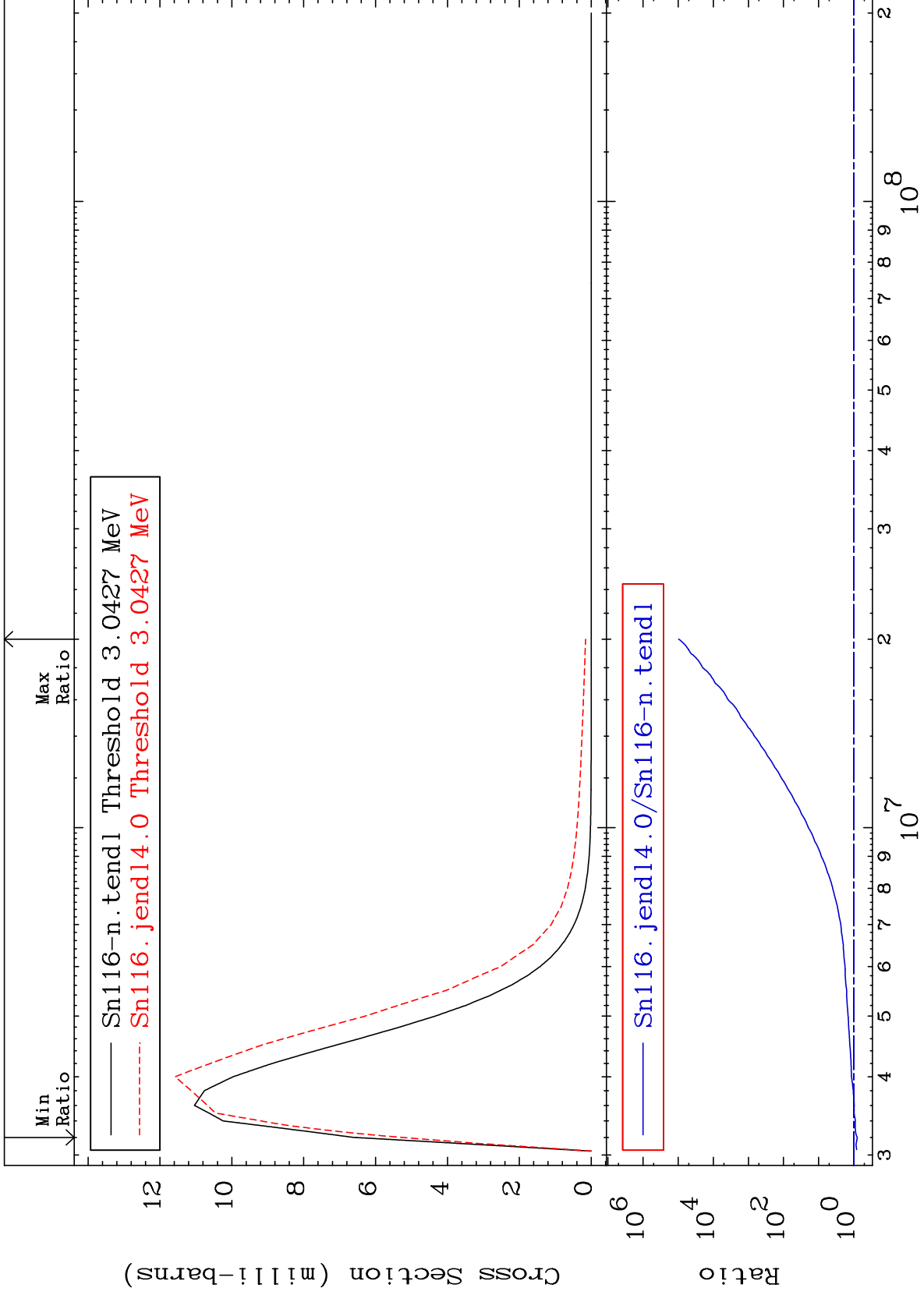
50-Sn-116
0.373 To 9999. %



MAT 5037

3.016 MeV (n,n') Level
Cross Section

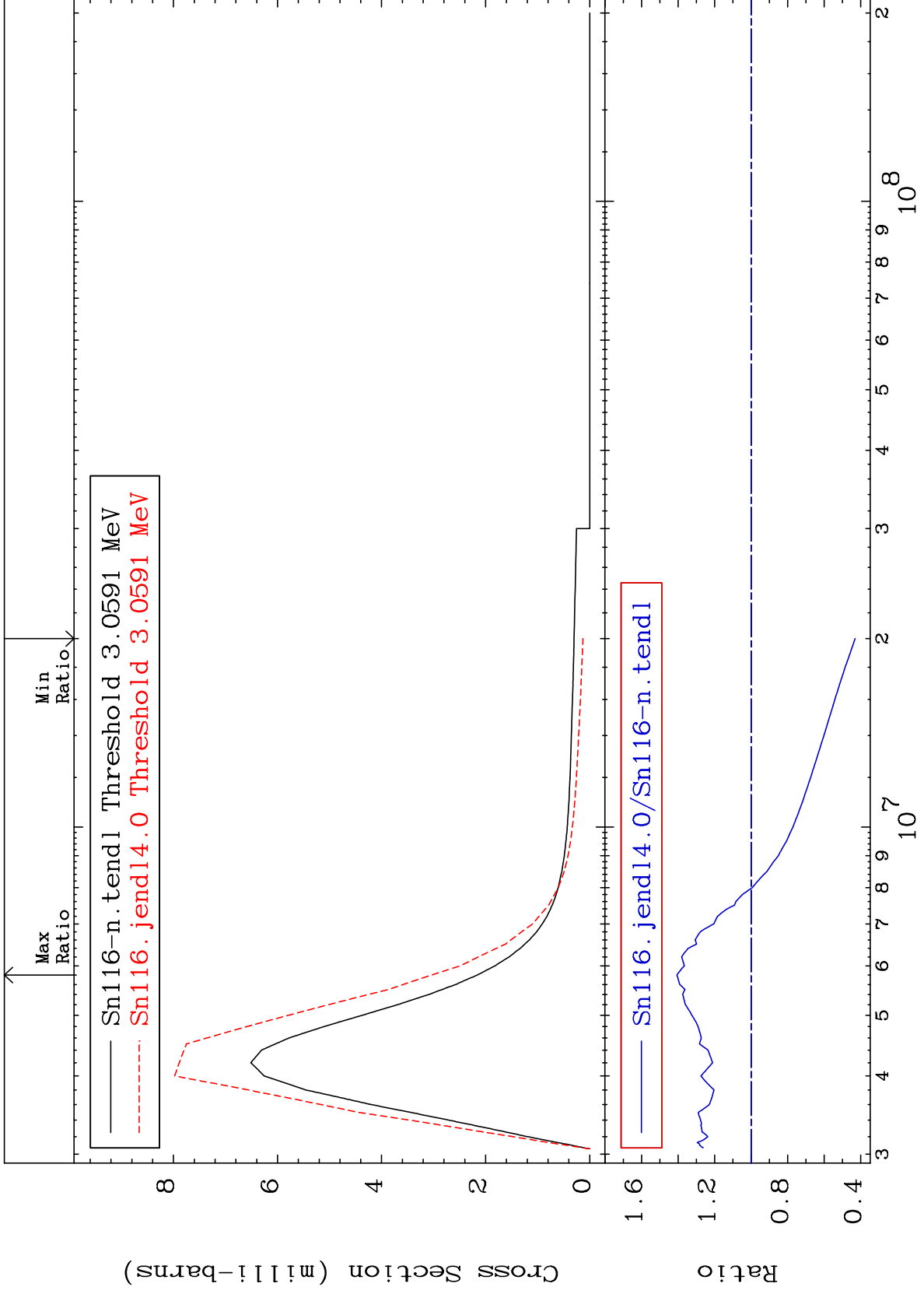
50-Sn-116
-20.47 To 9999. %



MAT 5037

3.033 MeV (n,n') Level
Cross Section

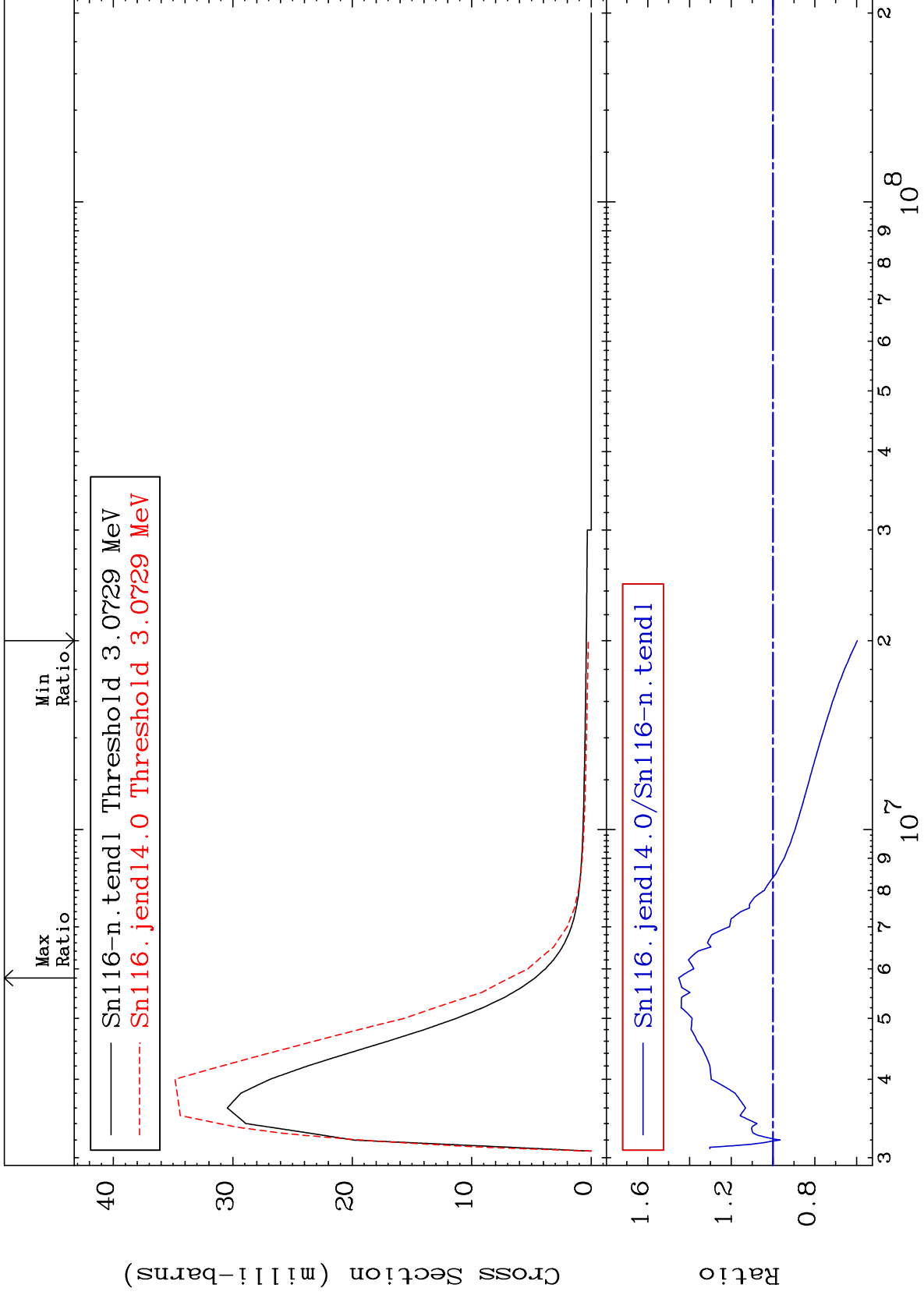
50-Sn-116
-56.90 To 40.64 %



MAT 5037

3.046 MeV (n,n') Level
Cross Section

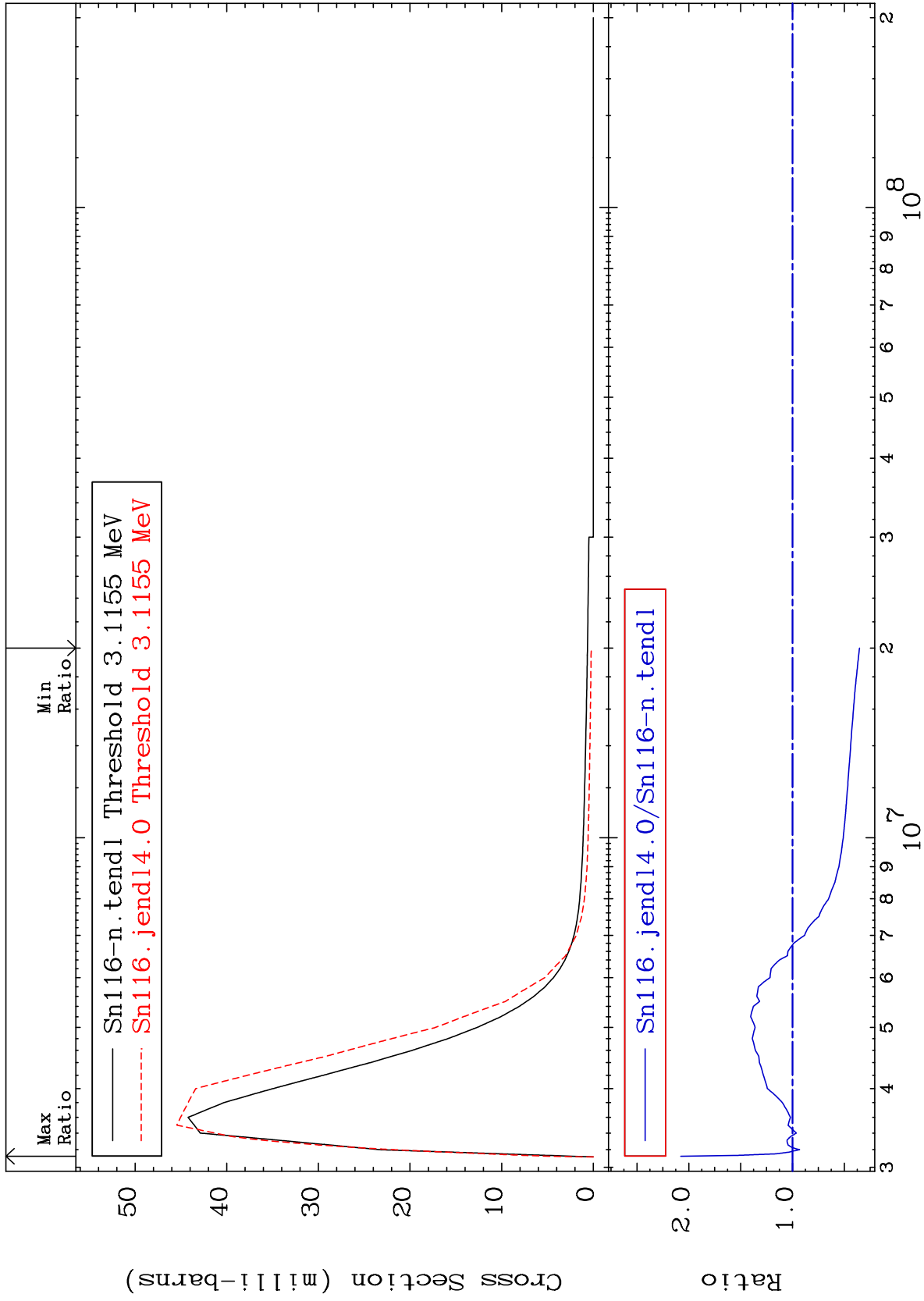
50-Sn-116
-40.33 To 45.22 %



MAT 5037

3.089 MeV (n,n') Level
Cross Section

50-Sn-116
-64.76 To 107.7 %



30

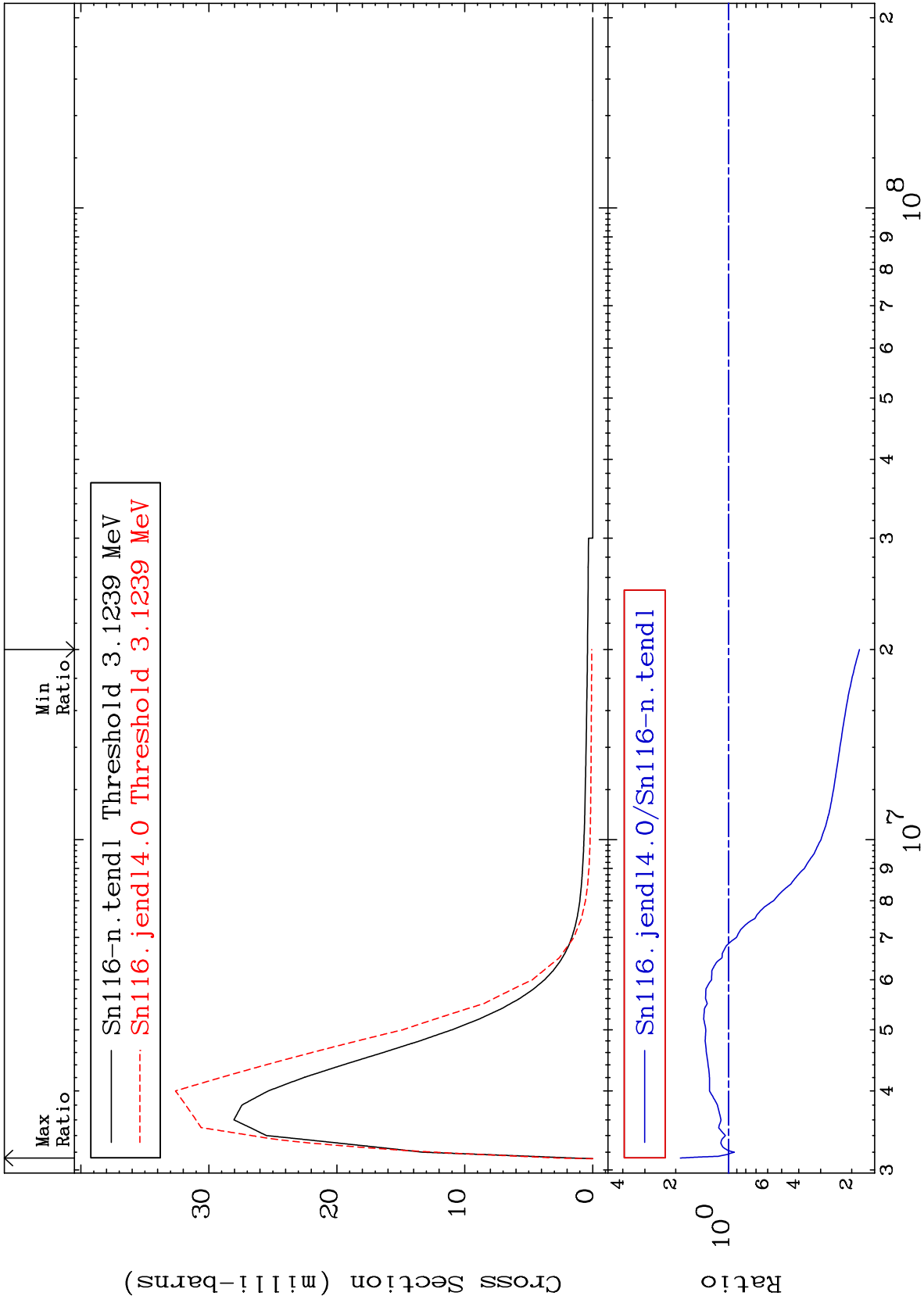
Incident Energy (eV)

50-Sn-116

MAT 5037

3.097 MeV (n,n') Level
Cross Section

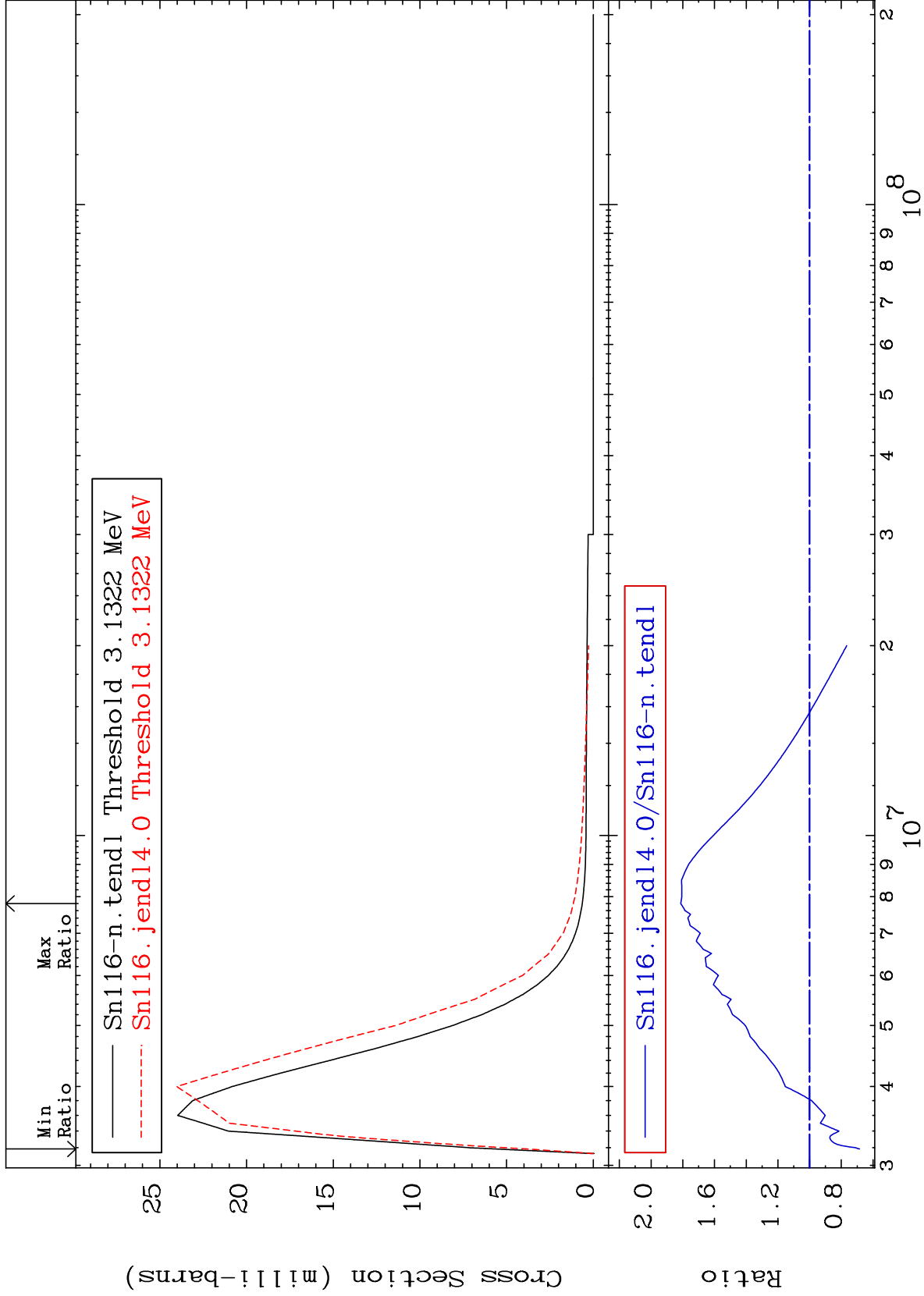
50-Sn-116
-81.92 To 88.40 %



MAT 5037

3.105 MeV (n,n') Level
Cross Section

50-Sn-116
-31.49 To 81.28 %



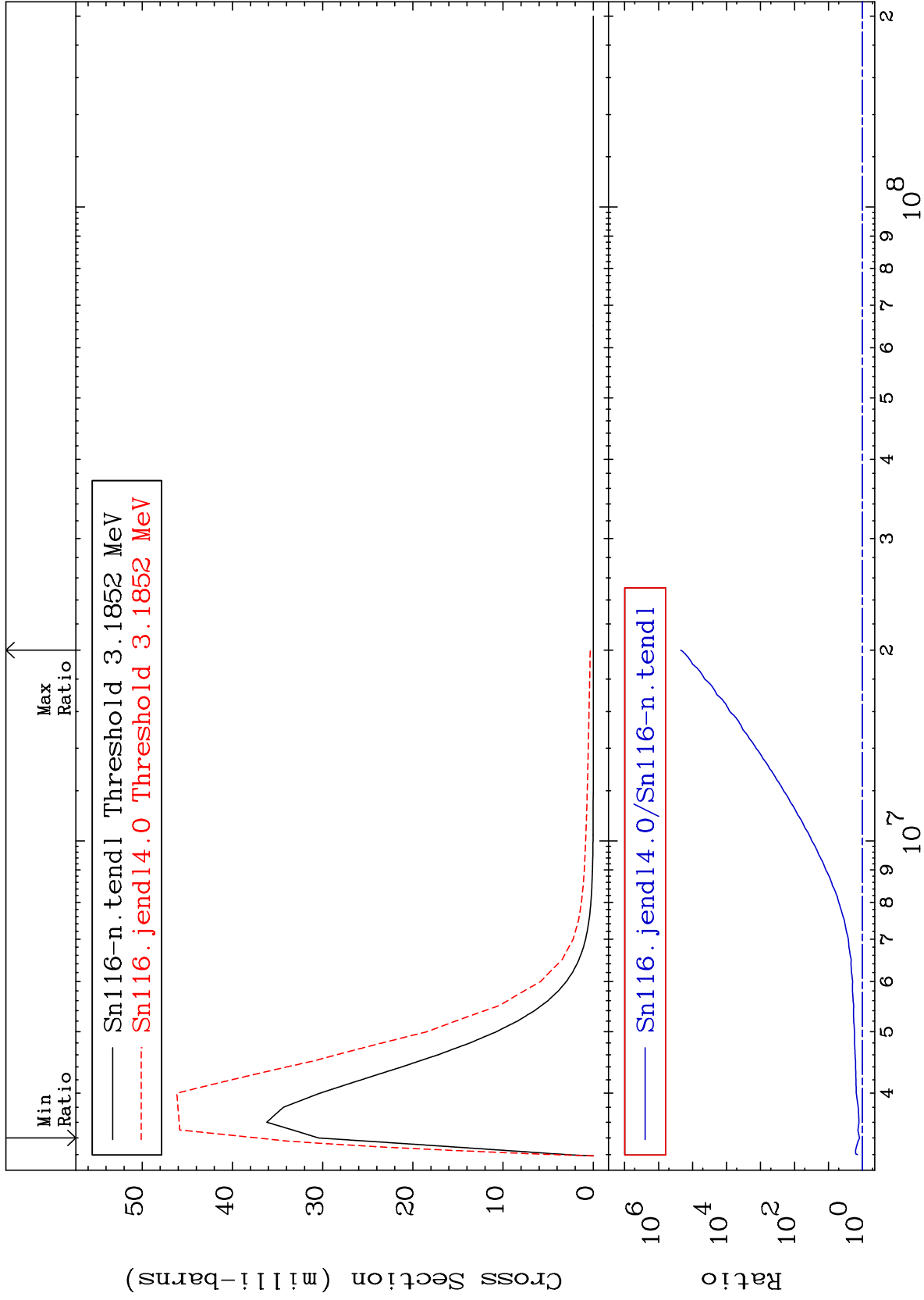
MAT 5037

3.158 MeV (n,n') Level

50-Sn-116

22.28 To 9999. %

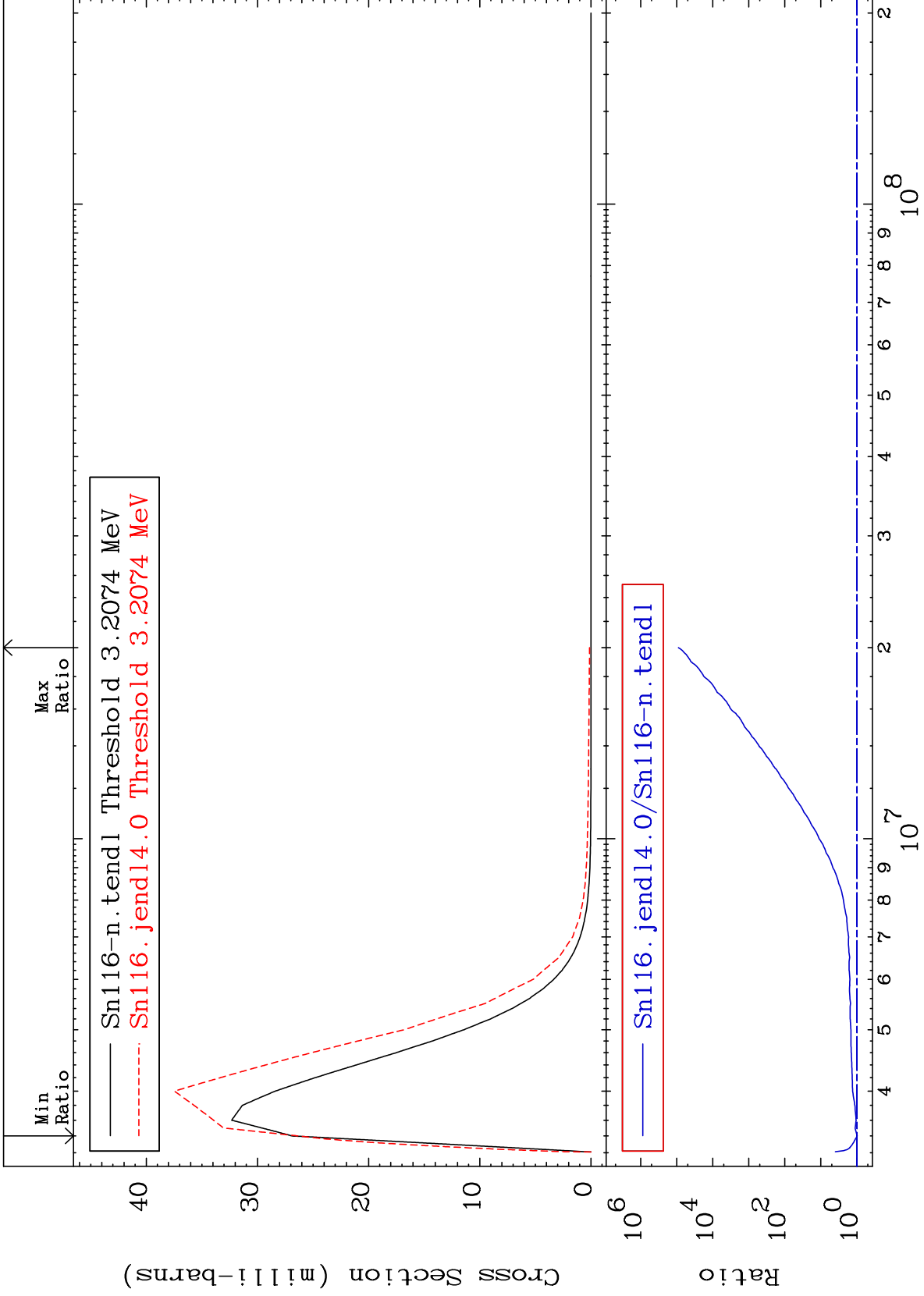
Cross Section



MAT 5037

3.180 MeV (n,n') Level
Cross Section

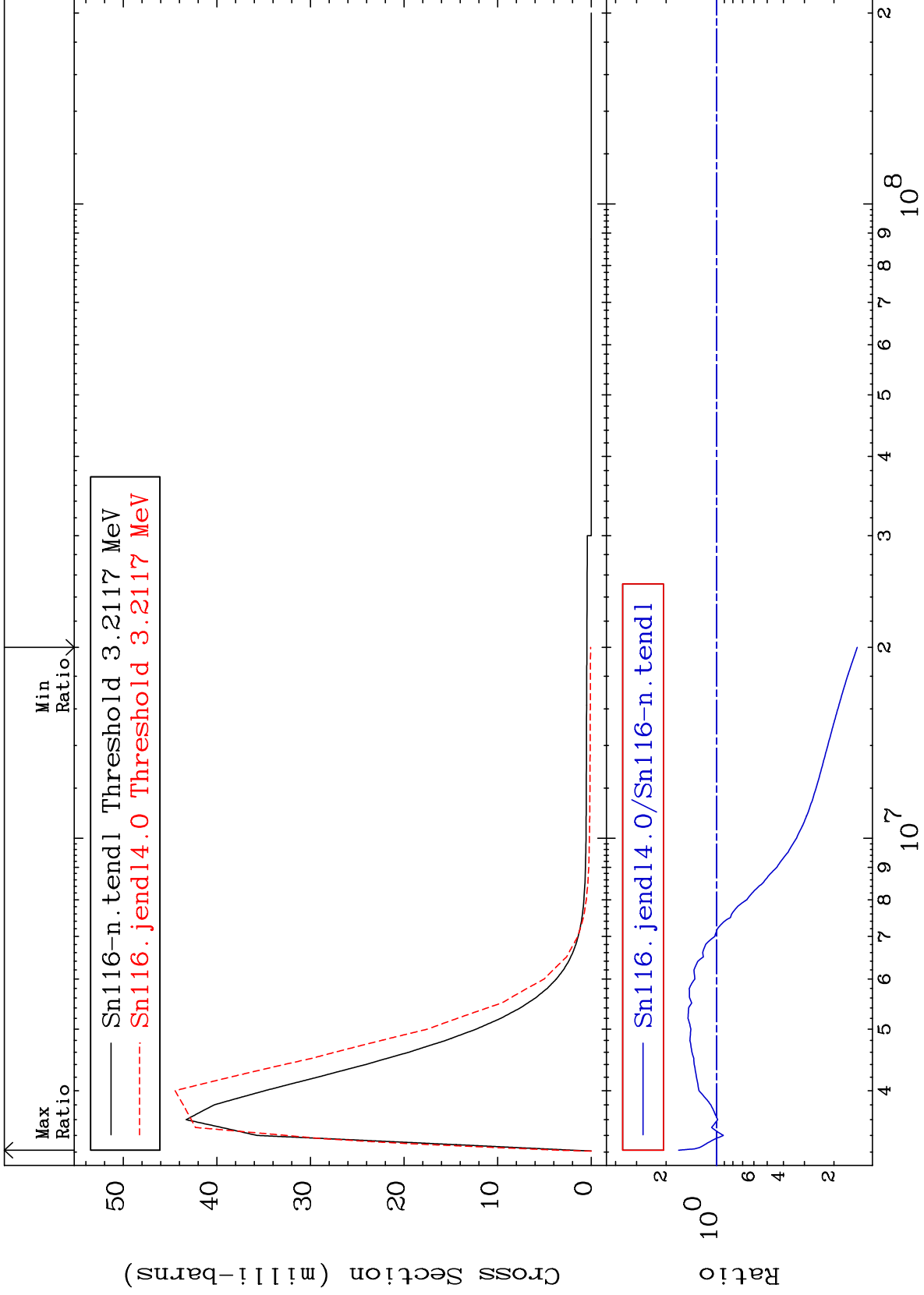
50-Sn-116
-1.985 To 9999. %



MAT 5037

3.184 MeV (n,n') Level
Cross Section

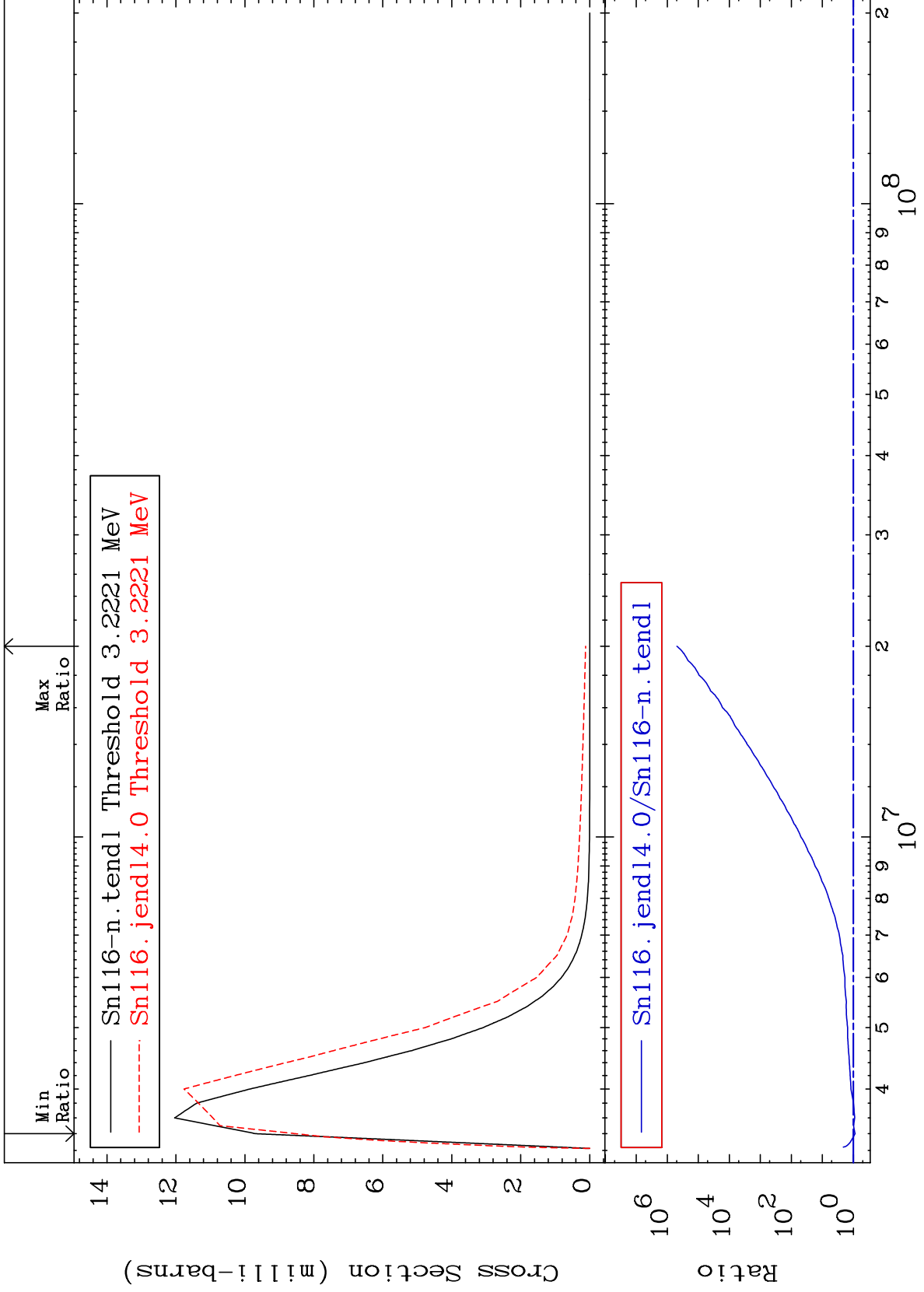
50-Sn-116
-85.45 To 68.42 %



MAT 5037

3.194 MeV (n,n') Level
Cross Section

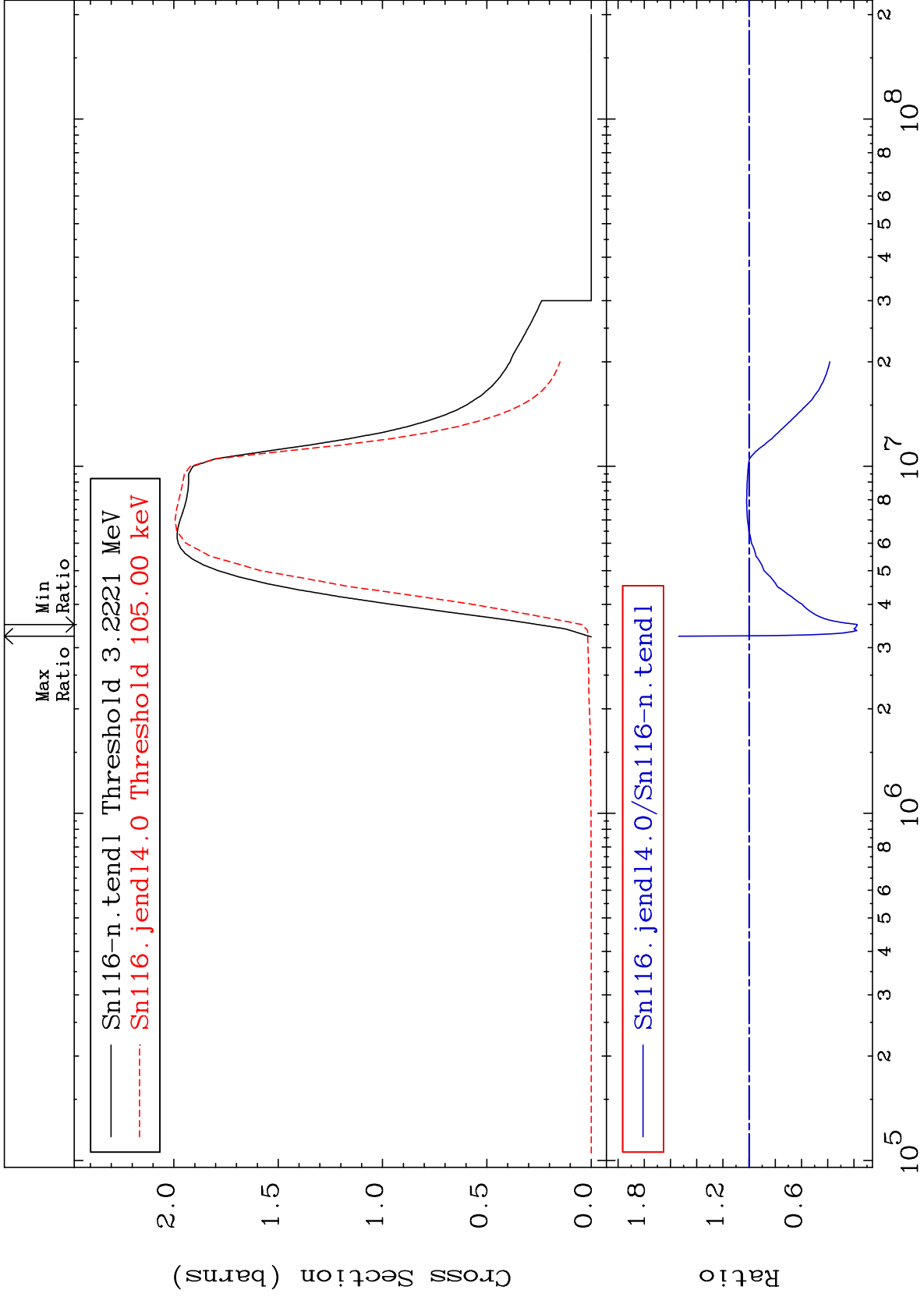
50-Sn-116
-12.04 To 9999. %



MAT 5037

(n, n') Continuum
Cross Section

50-Sn-116
-82.62 To 53.79 %



37

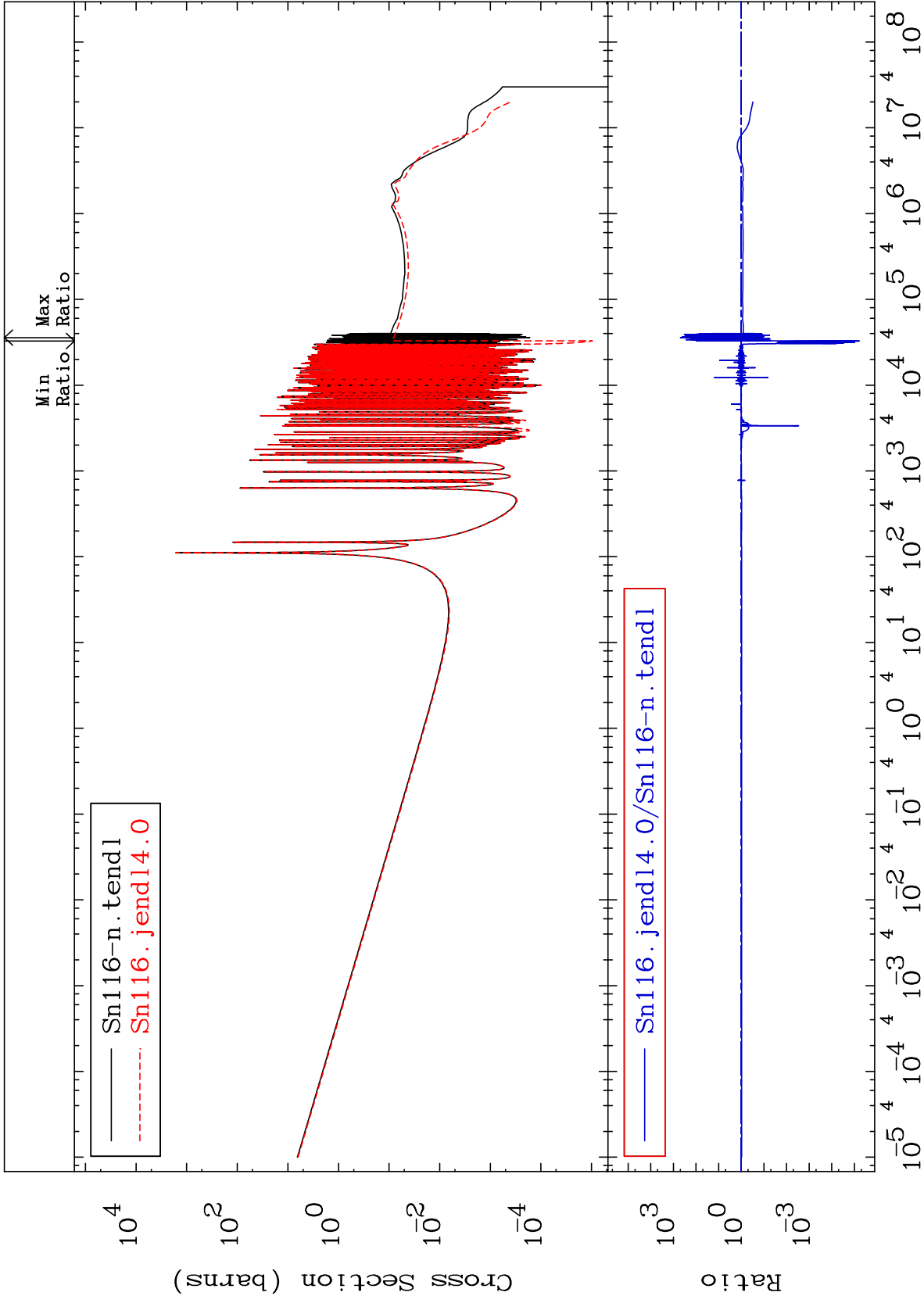
Incident Energy (eV)

50-Sn-116

MAT 5037

(n, γ)
Cross Section

50-Sn-116
-100.0 To 9999. %



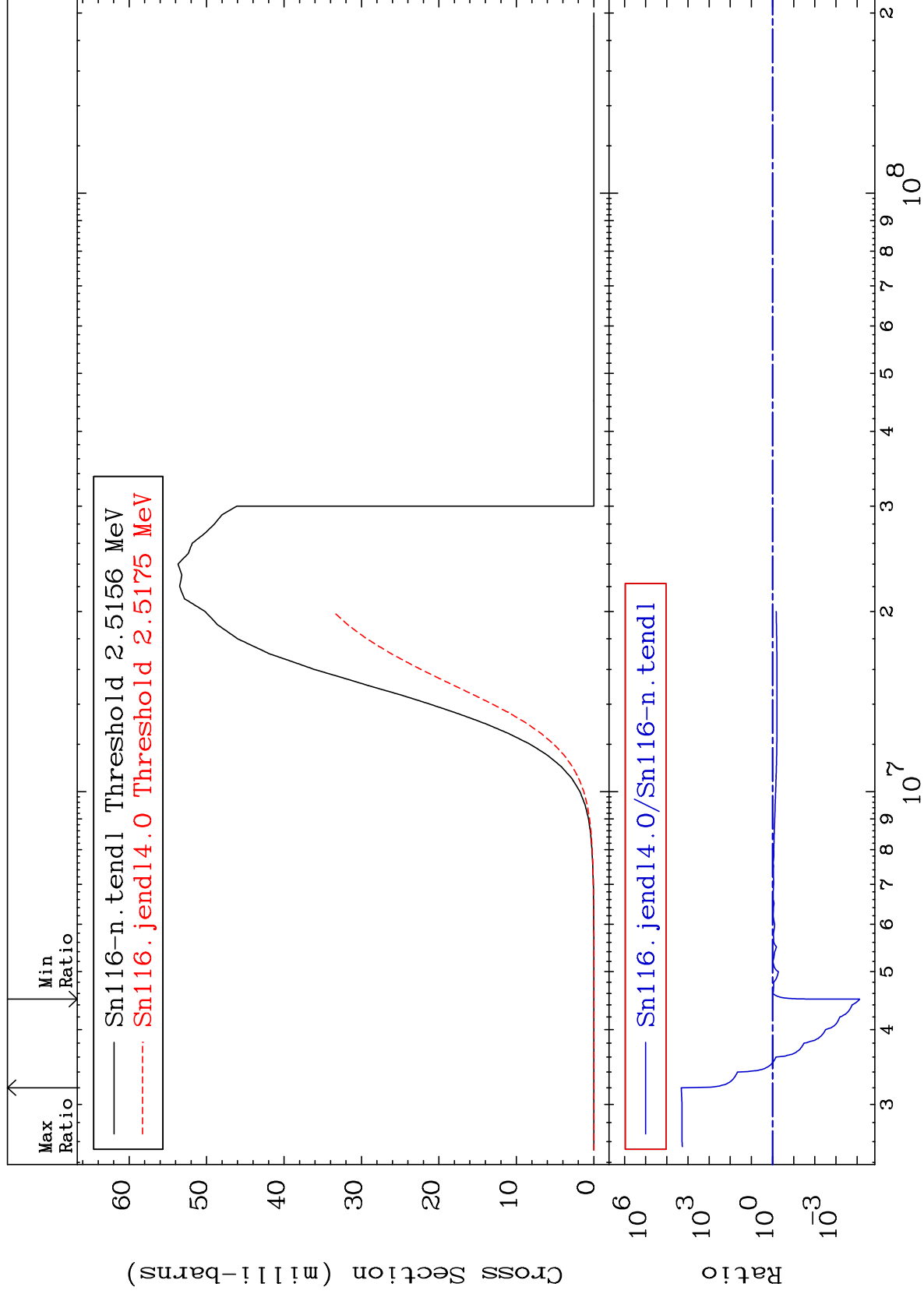
MAT 5037

(n,p)

50-Sn-116

Cross Section

-99.99 To 9999. %



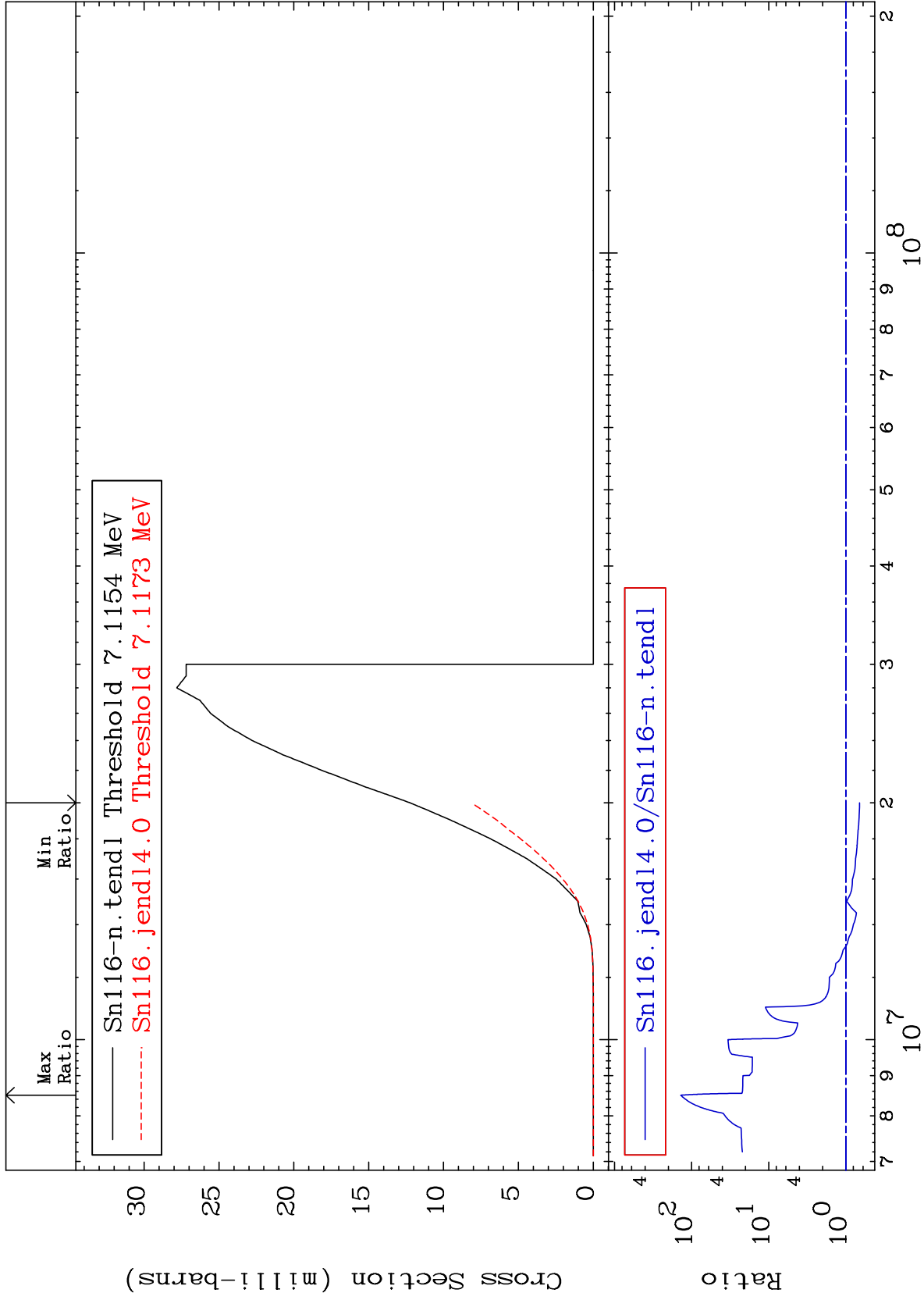
MAT 5037

(n, d)

50-Sn-116

Cross Section

-33.44 To 9999. %



Incident Energy (eV)

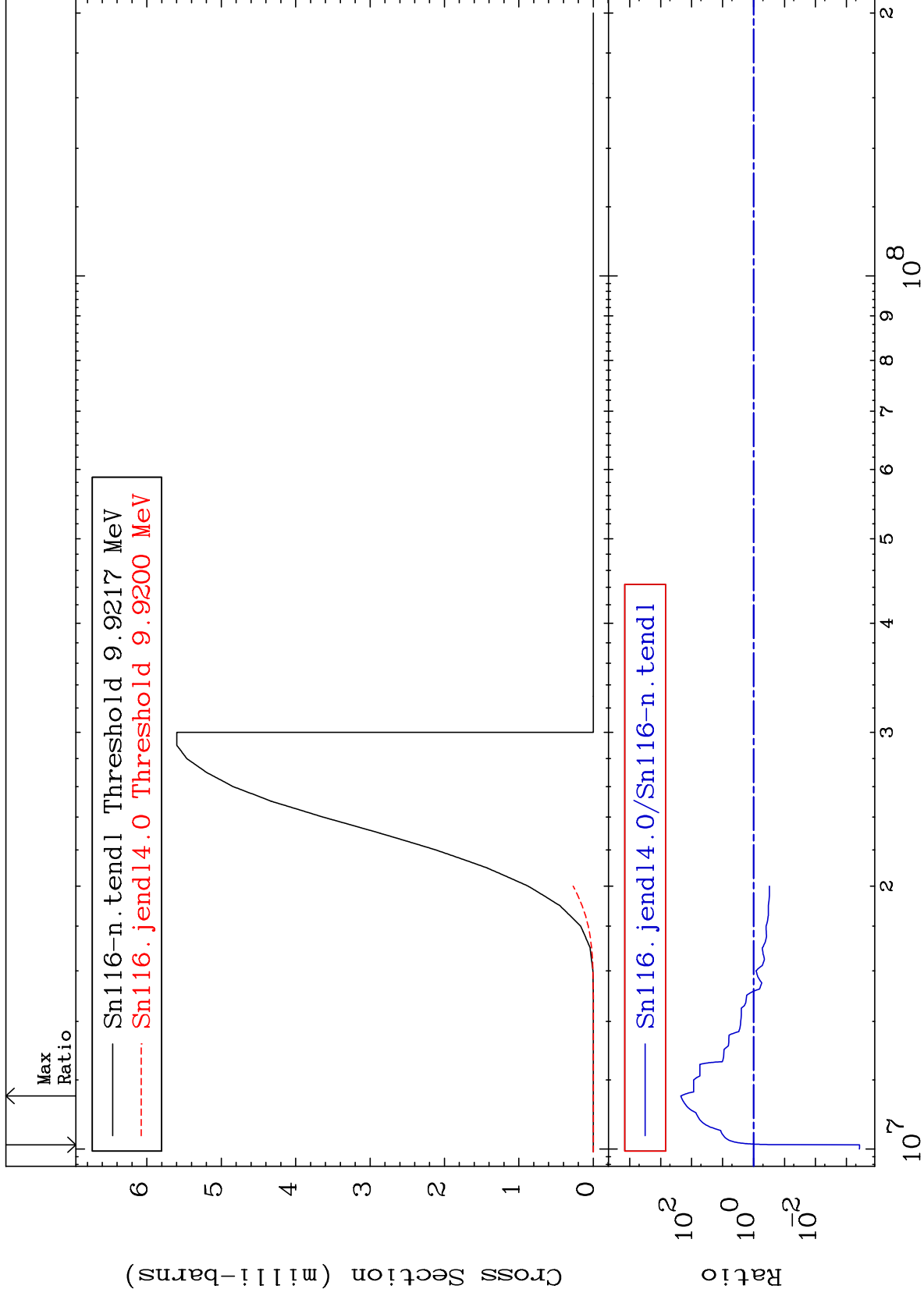
50-Sn-116

40

MAT 5037

(n, t)
Cross Section

50-Sn-116
-99.96 To 9999. %



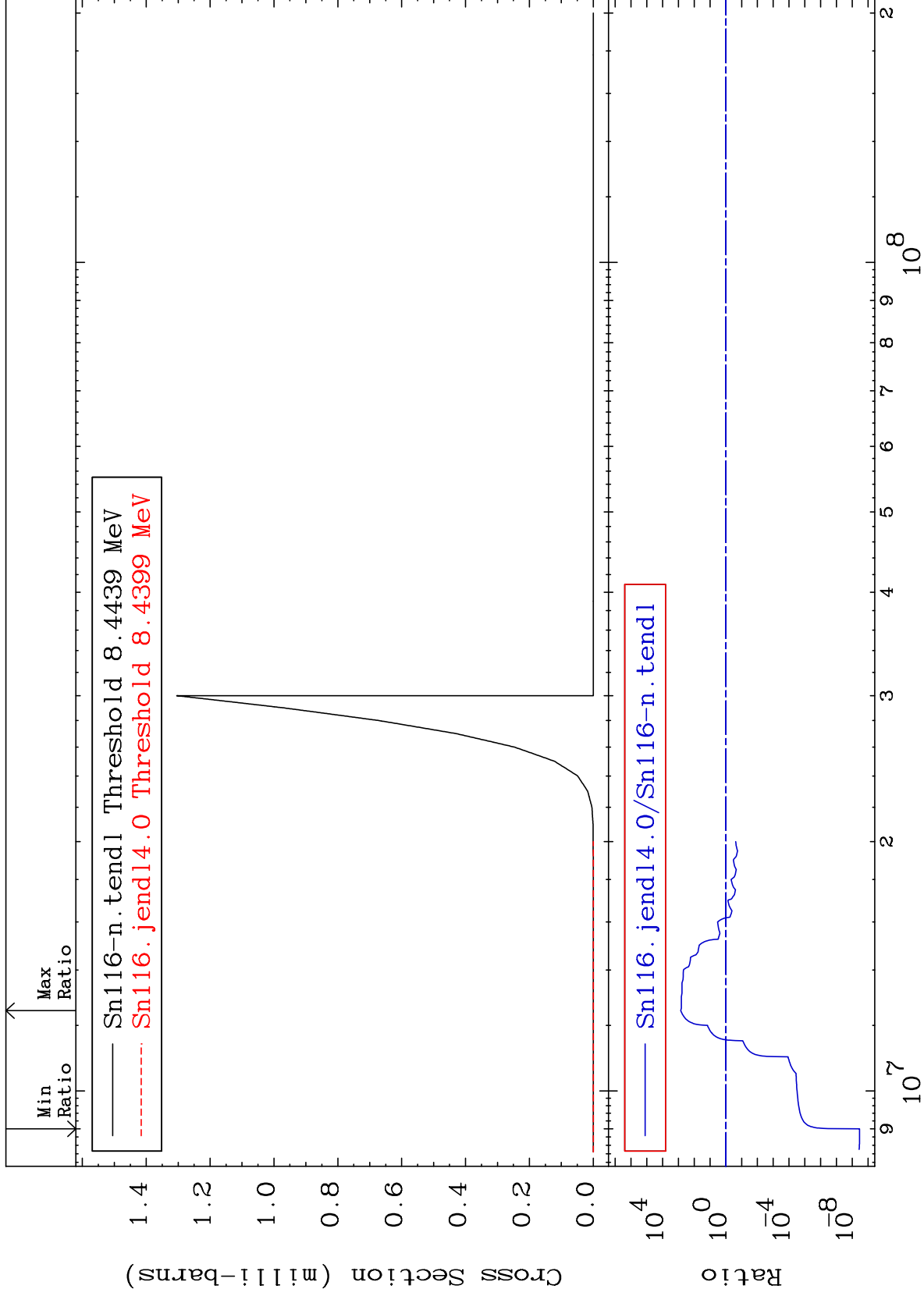
41

Incident Energy (eV)

50-Sn-116

Cross Section

-100.0 To 9999. %



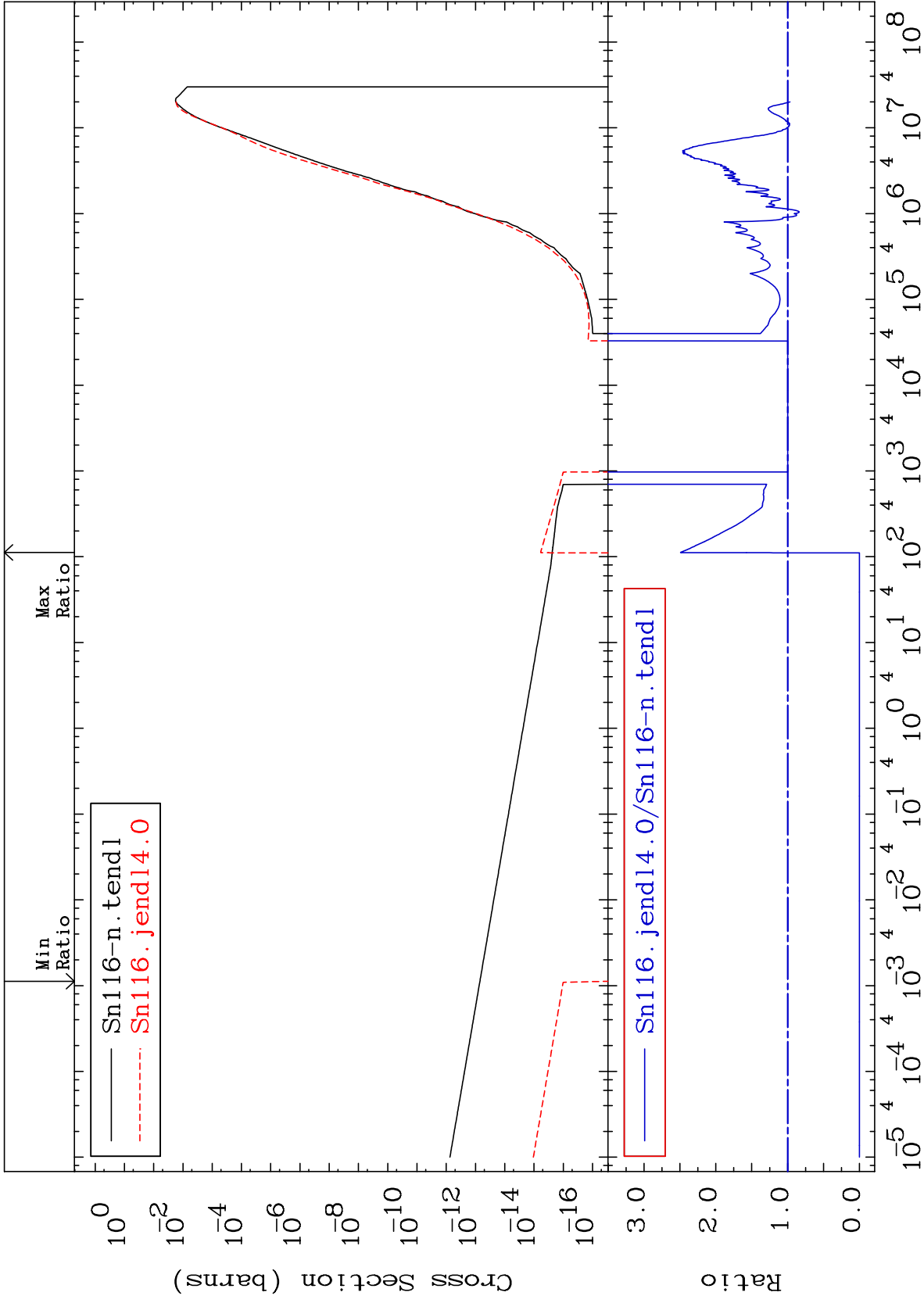
MAT 5037

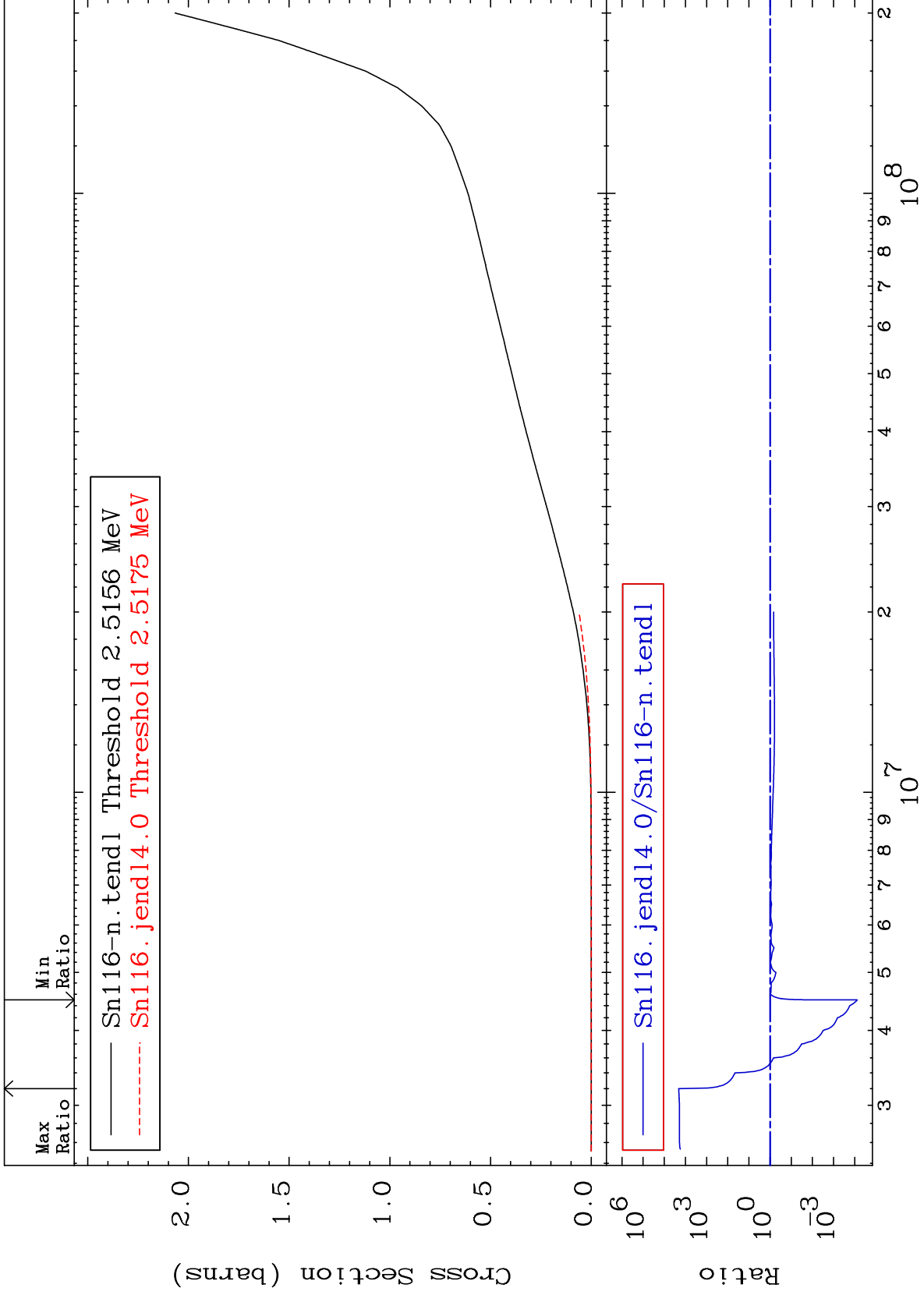
(n, α)

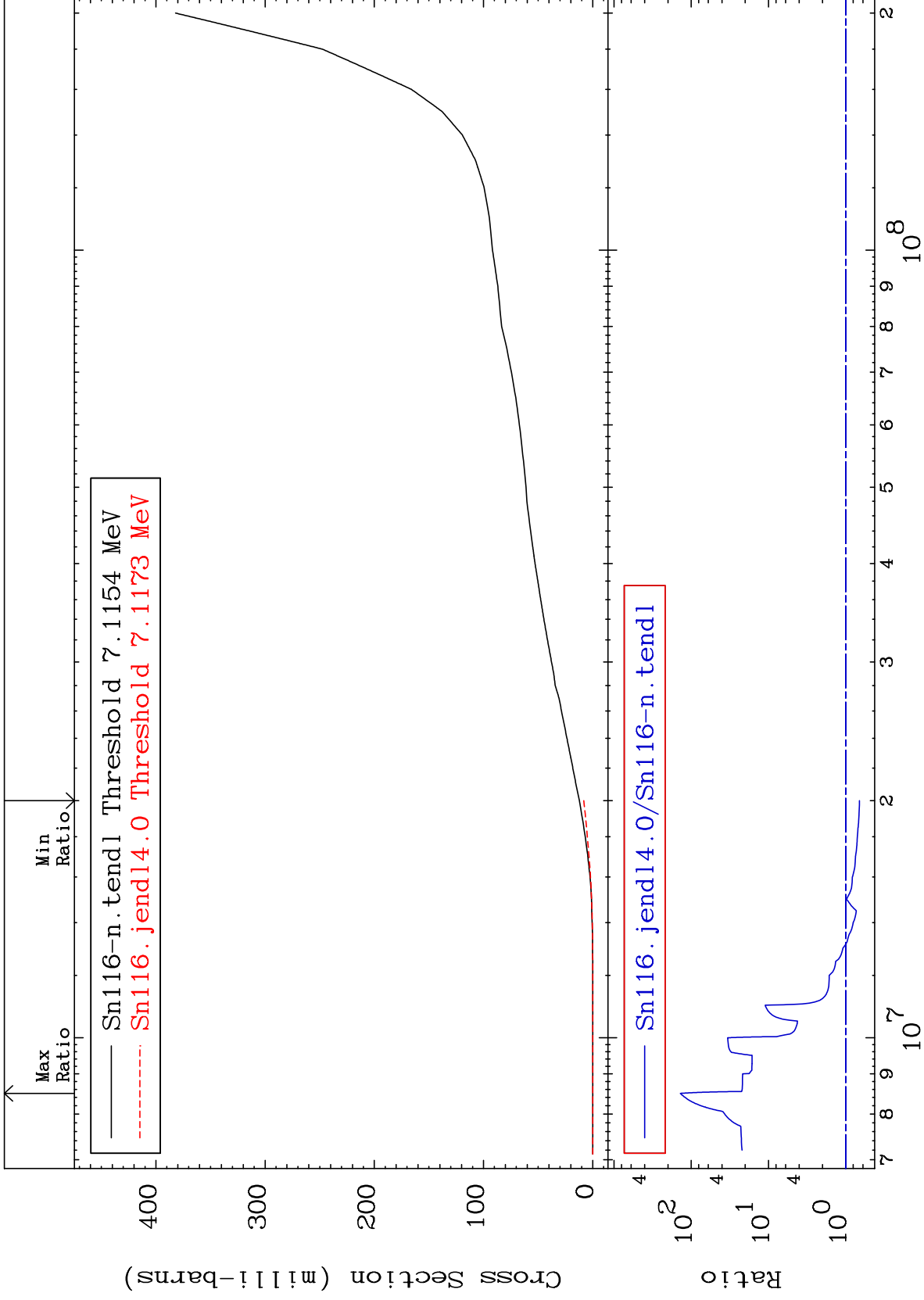
50-Sn-116

Cross Section

-100.0 To 149.4 %



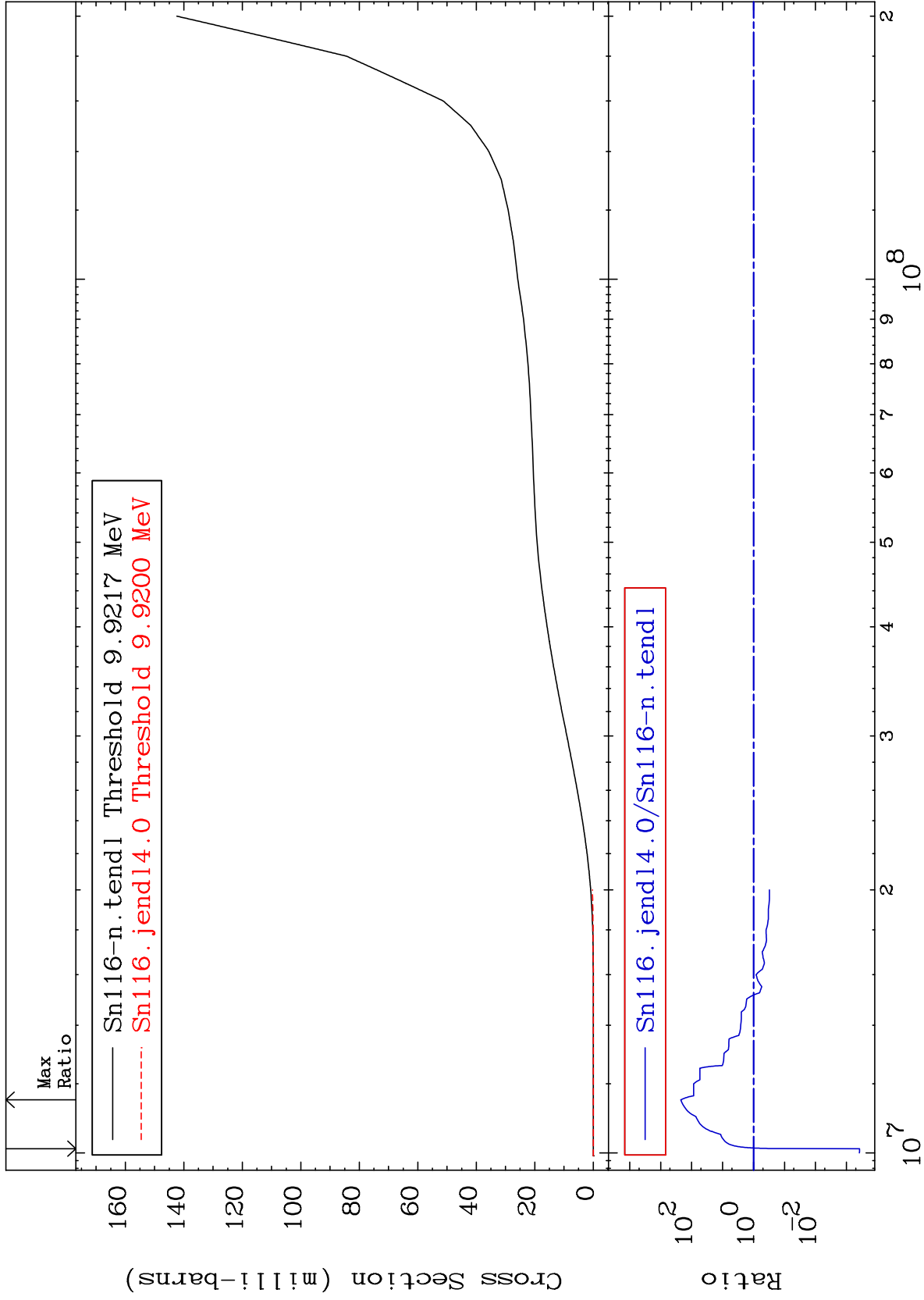




MAT 5037

Tritium Production
Cross Section

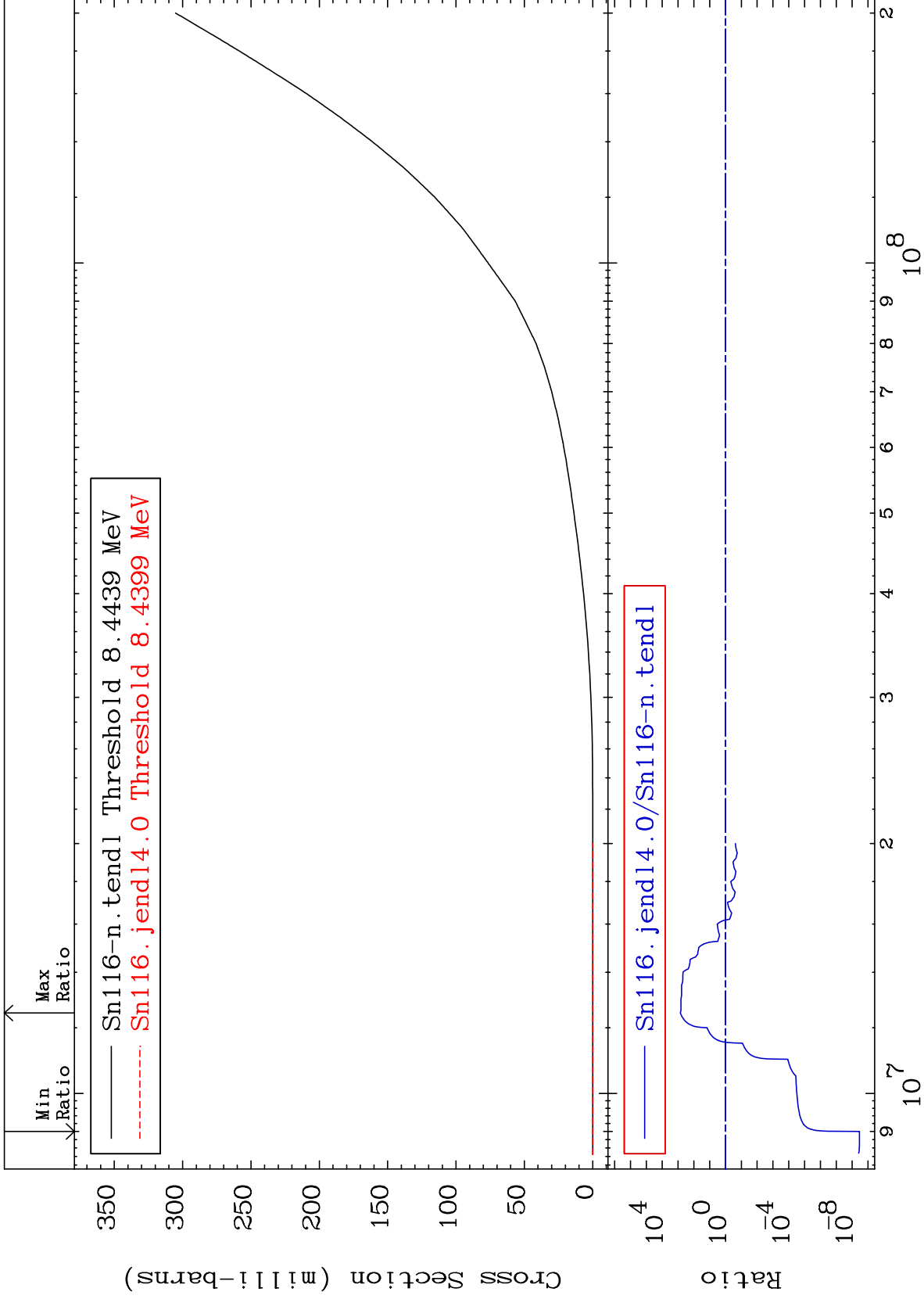
50-Sn-116
-99.96 To 9999. %



46

Incident Energy (eV)

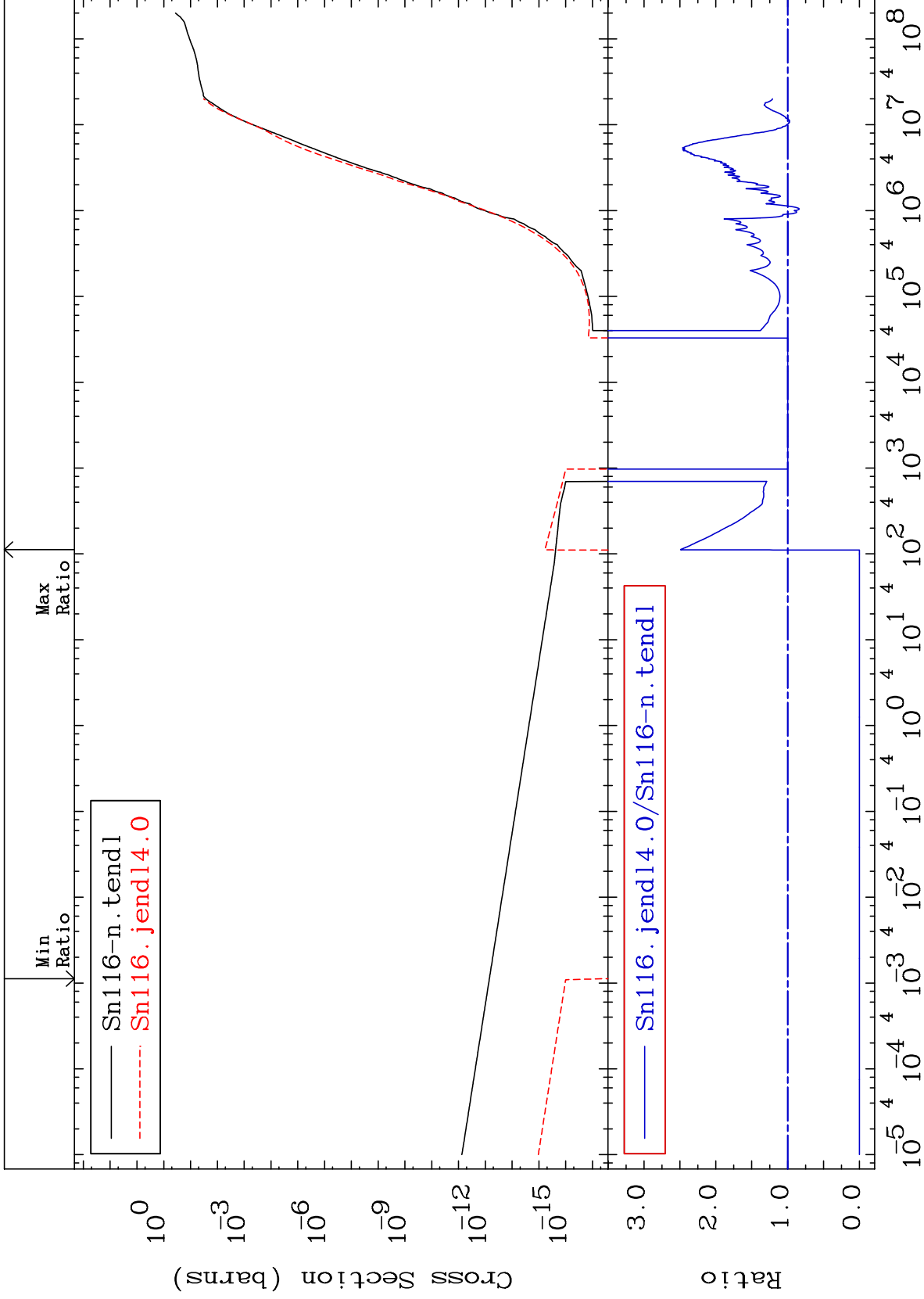
50-Sn-116



MAT 5037

He-4 Production
Cross Section

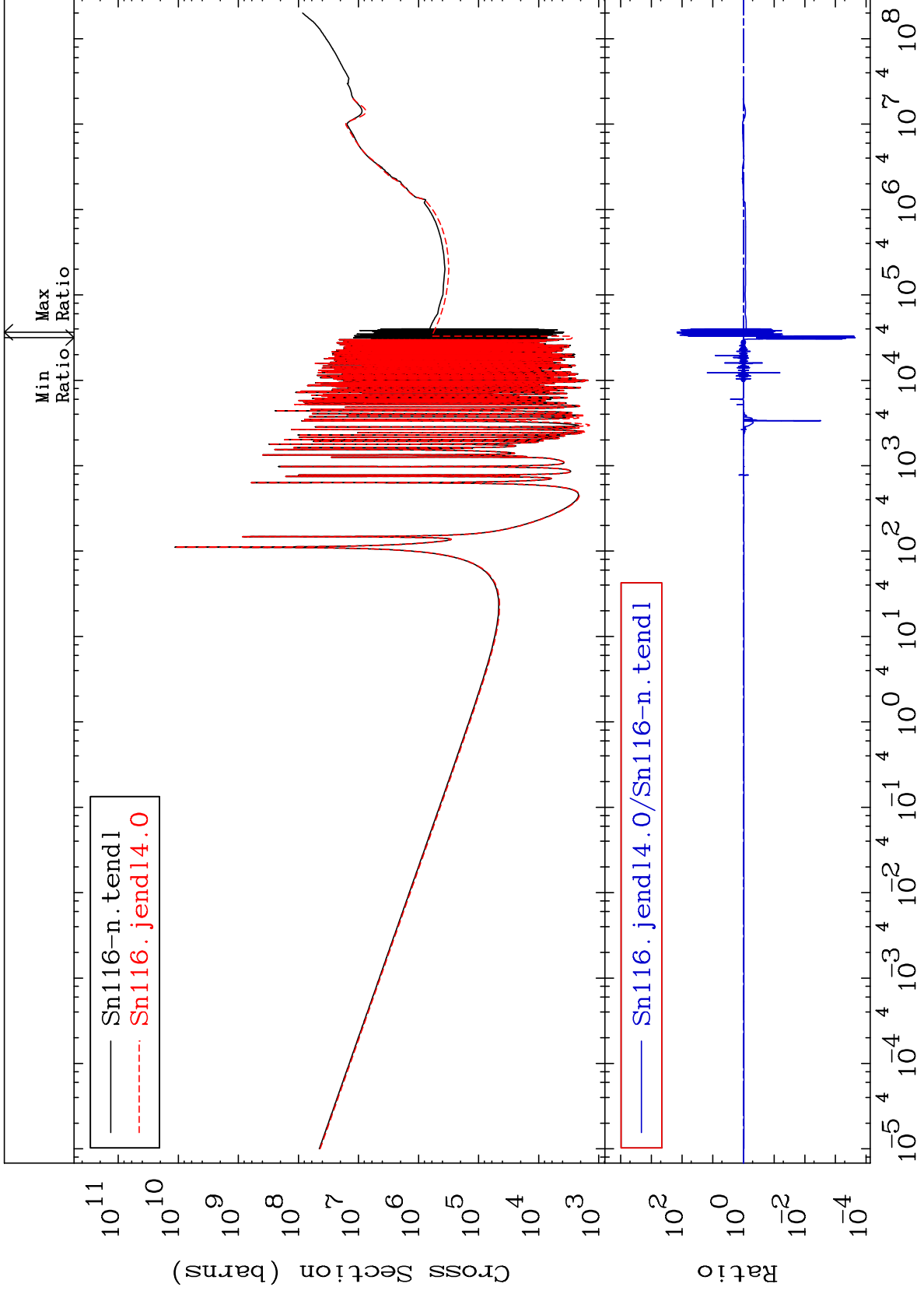
50-Sn-116
-100.0 To 149.4 %



48

Incident Energy (eV)

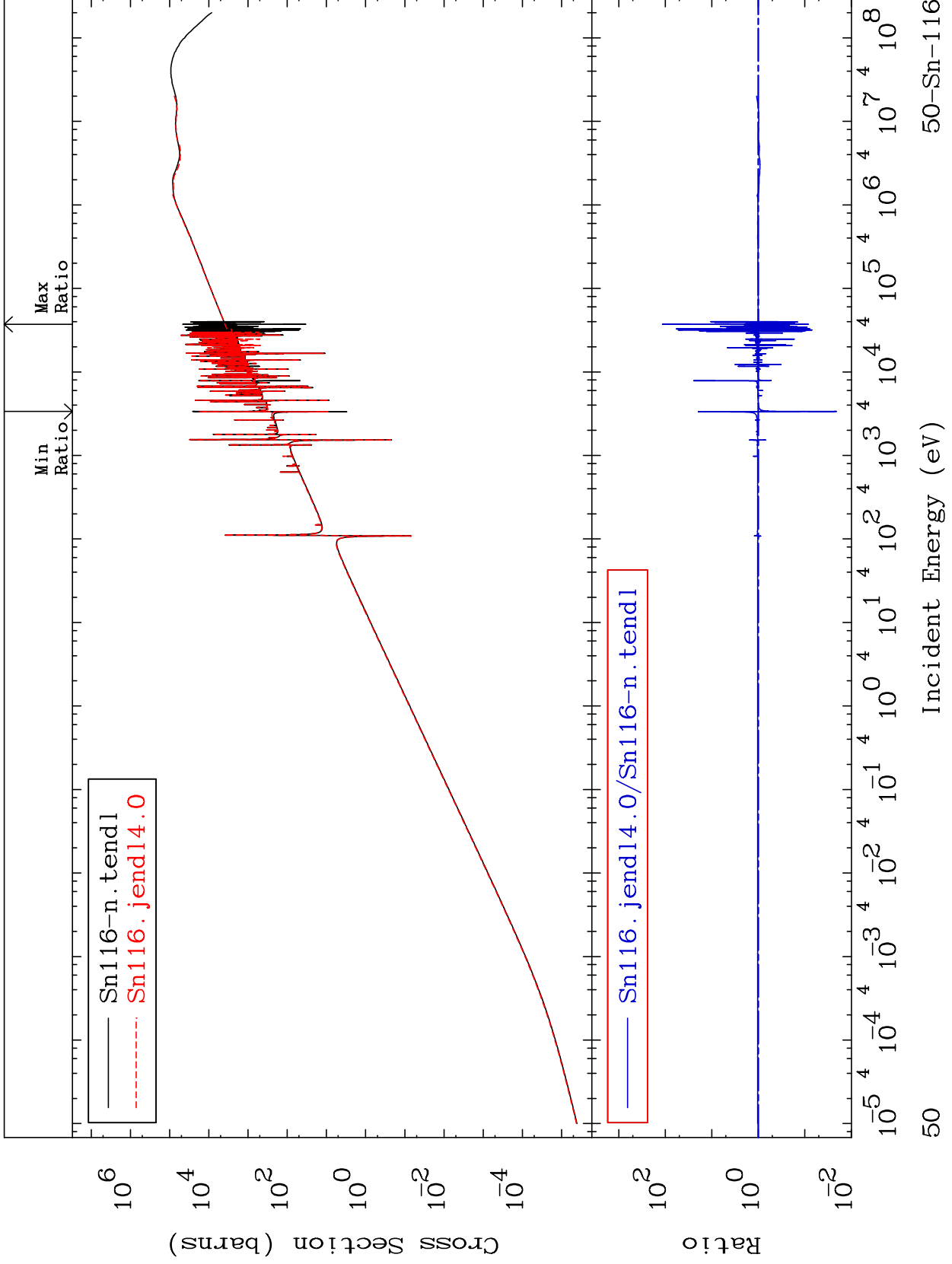
50-Sn-116

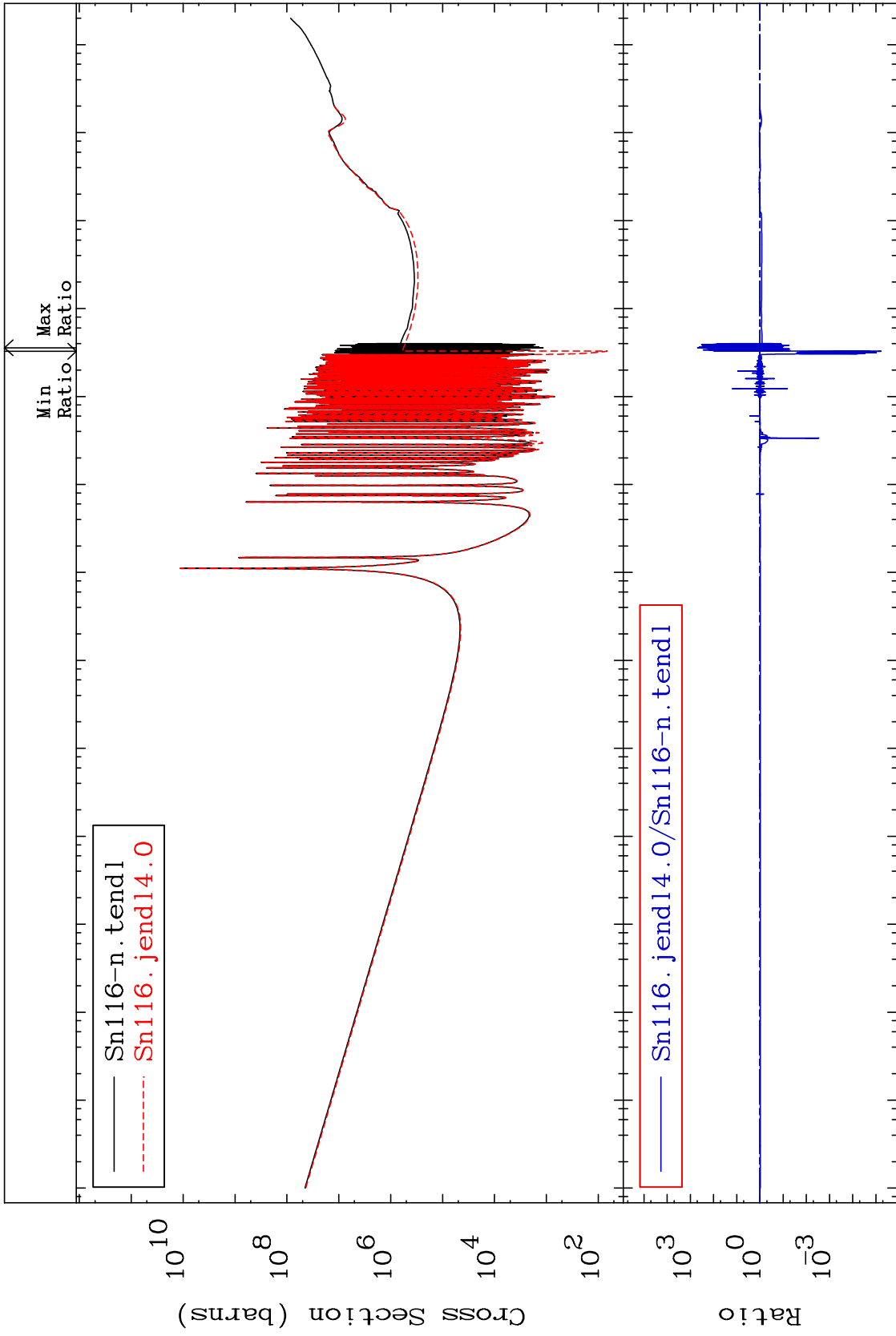


MAT 5037

Kerma elastic
Cross Section

50-Sn-116
-97.95 To 9999. %

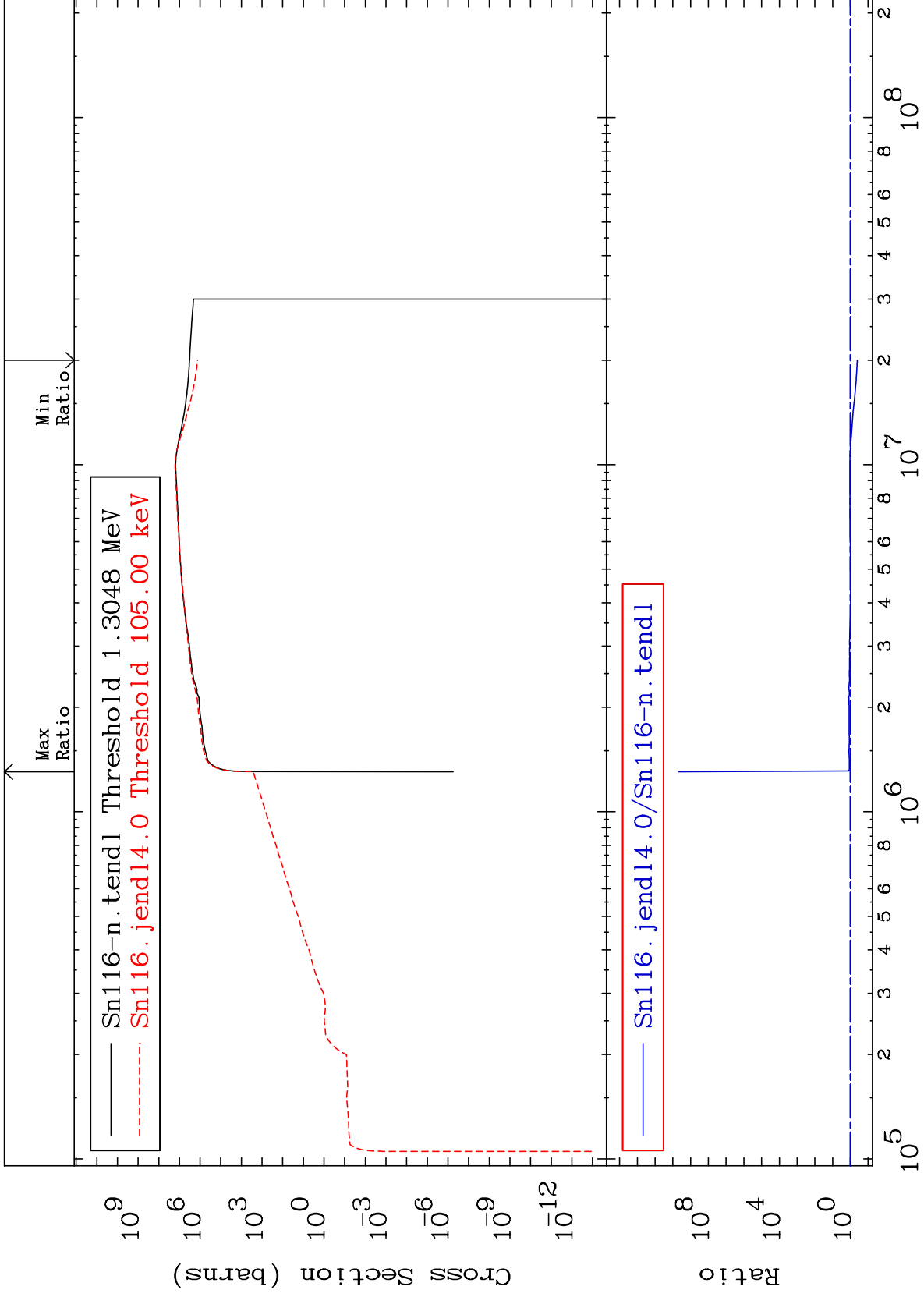


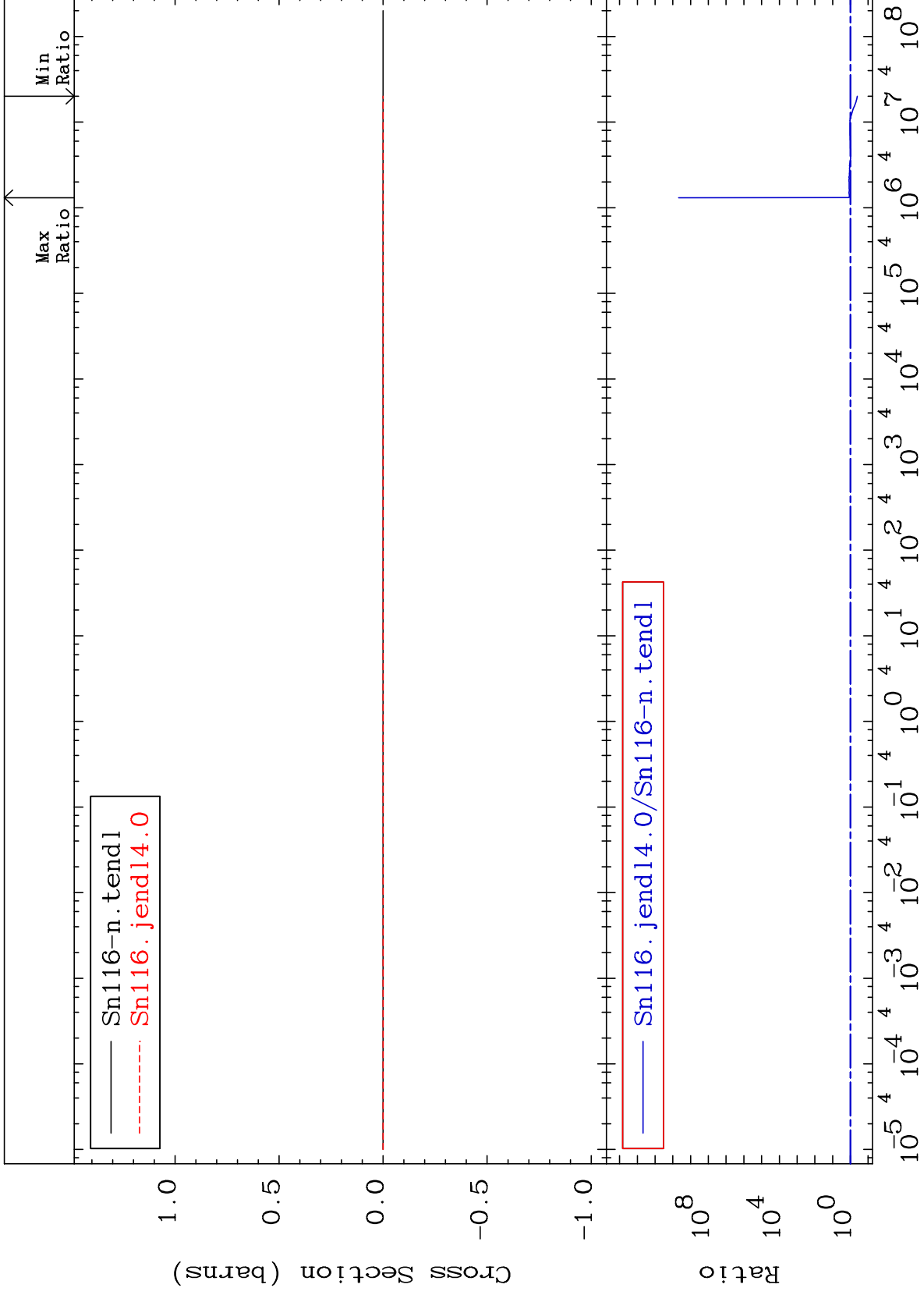


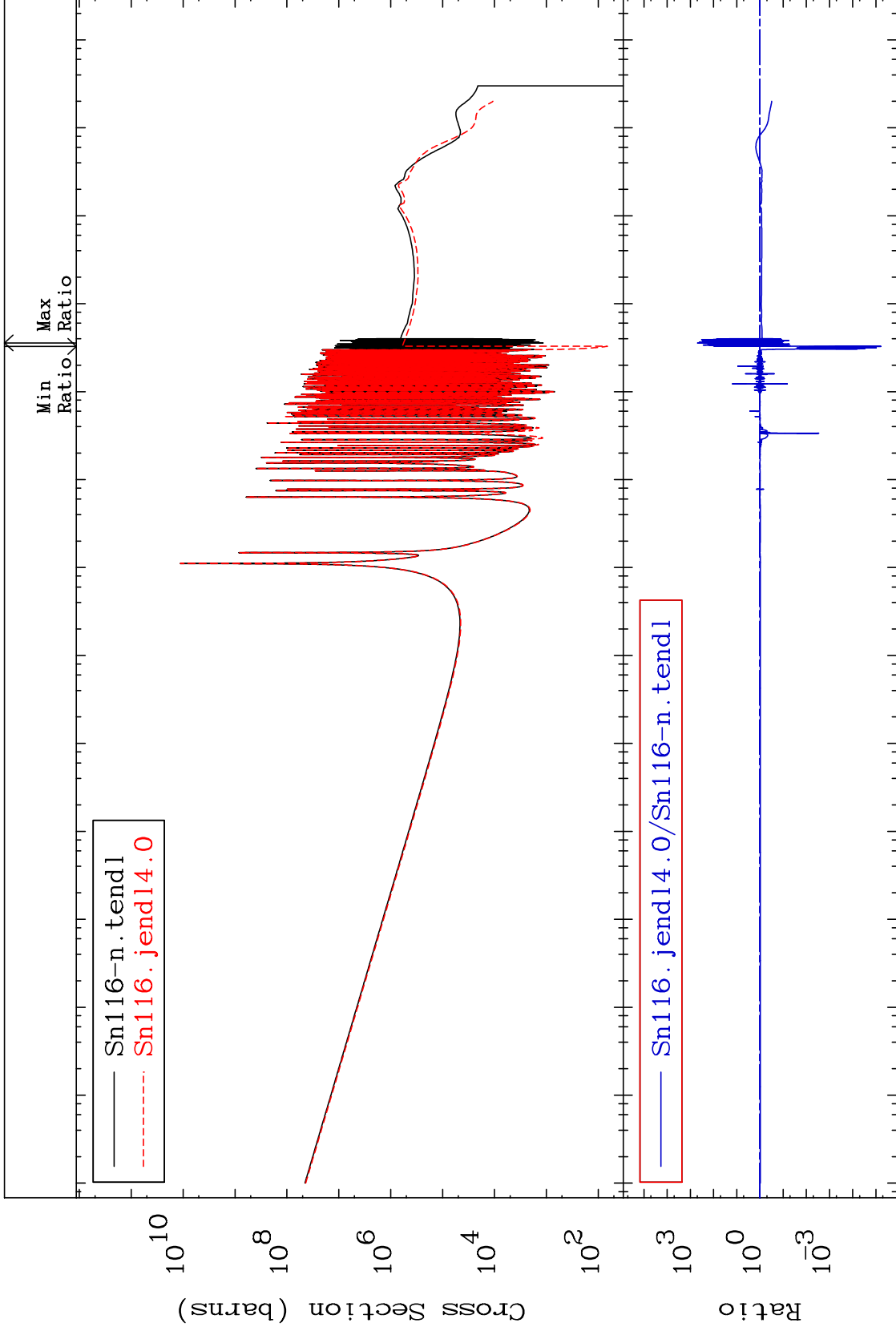
MAT 5037

Kerma inelastic (mt51-91)
Cross Section

50-Sn-116
-58.94 To 9999. %





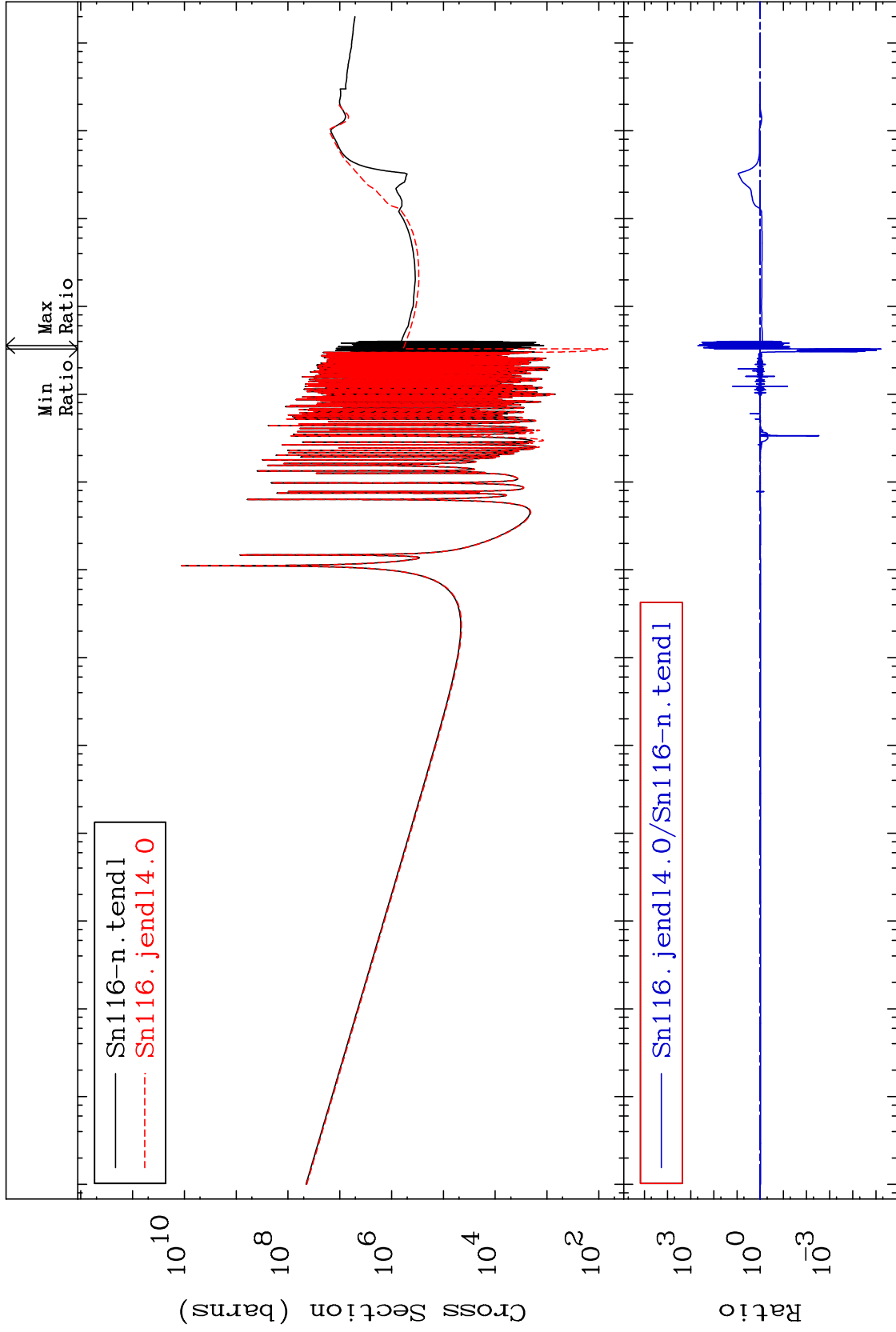


MAT 5037

Total photon (eV-barns)
Cross Section

50-Sn-116

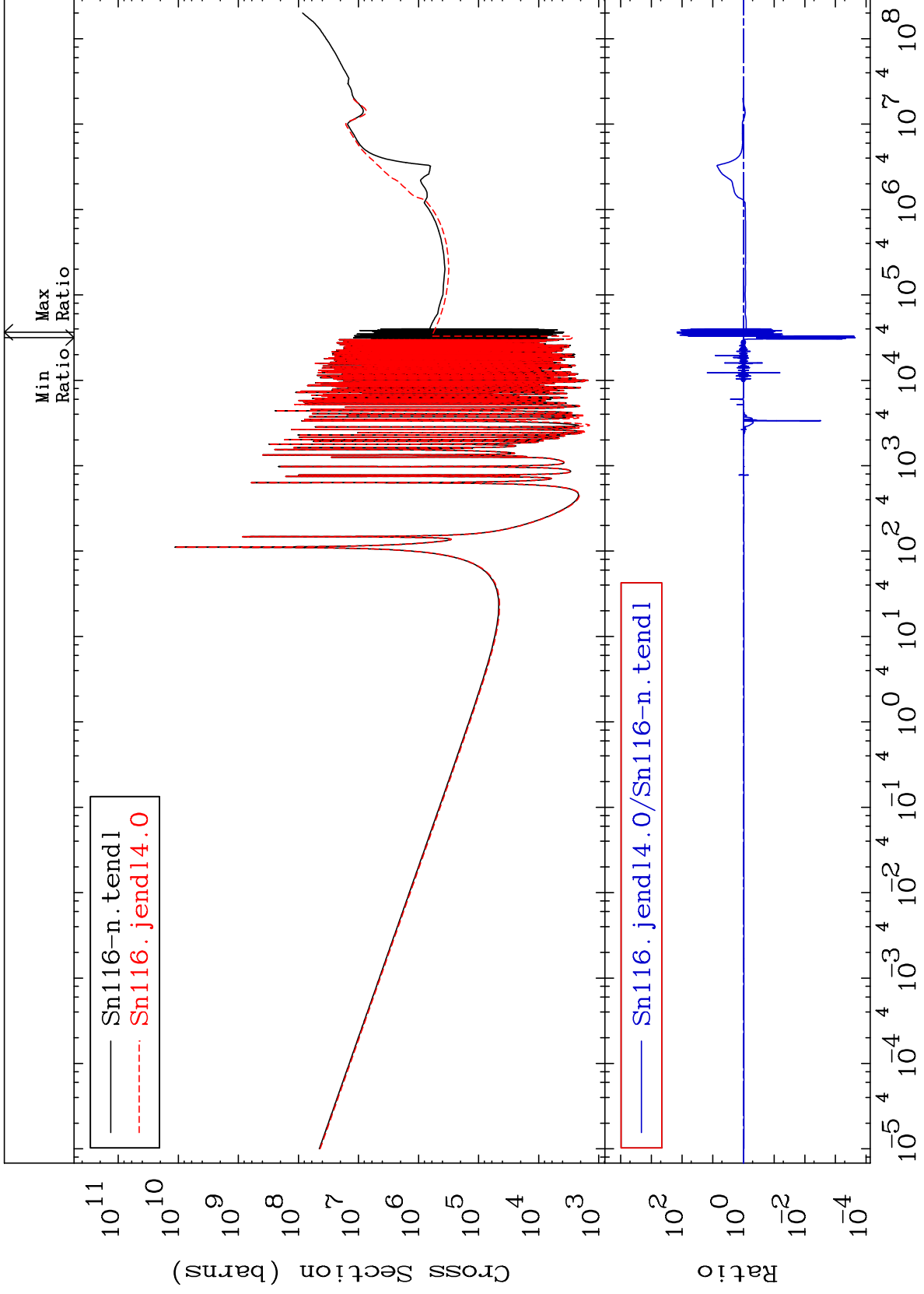
-100.0 To 9999. %

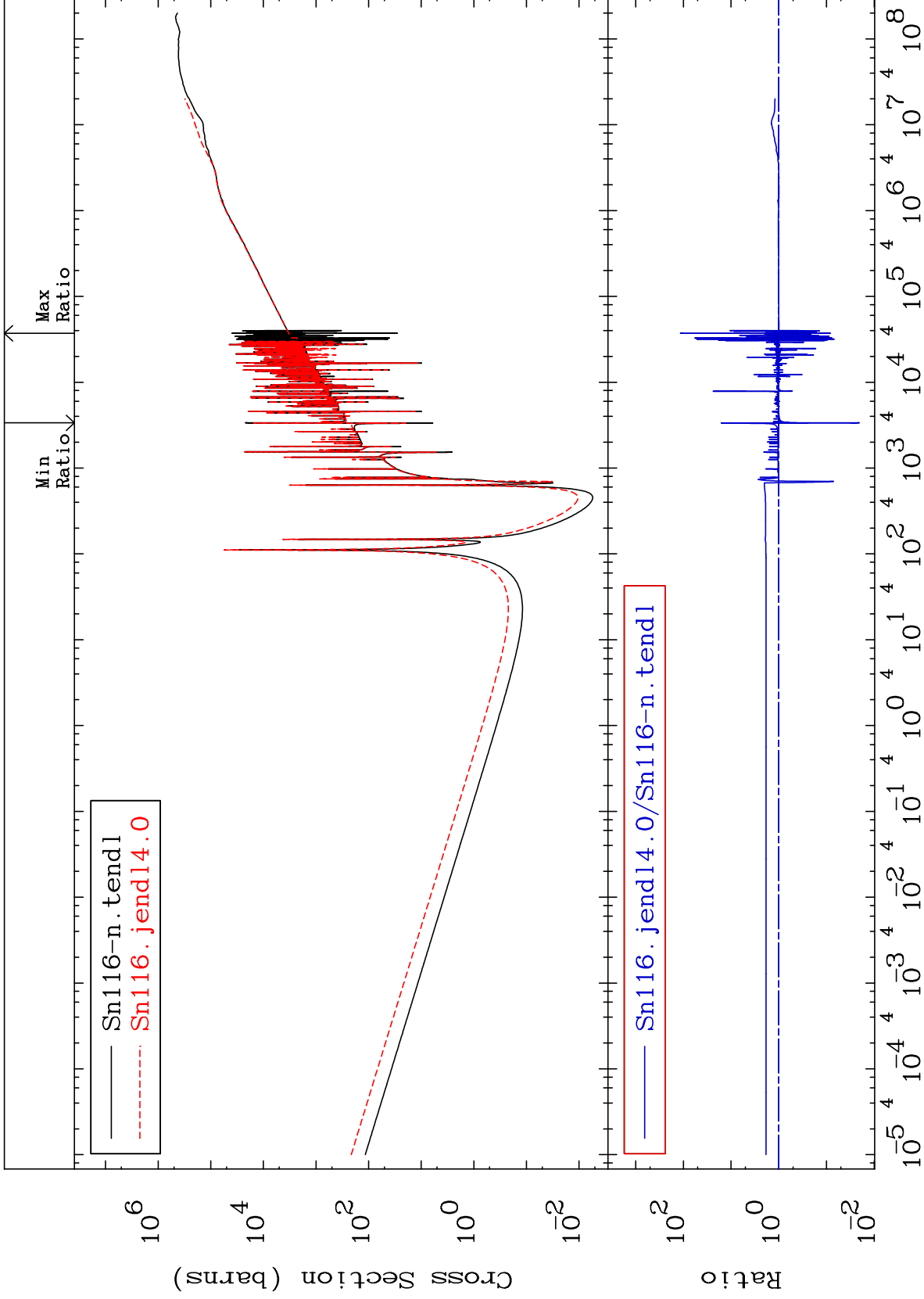


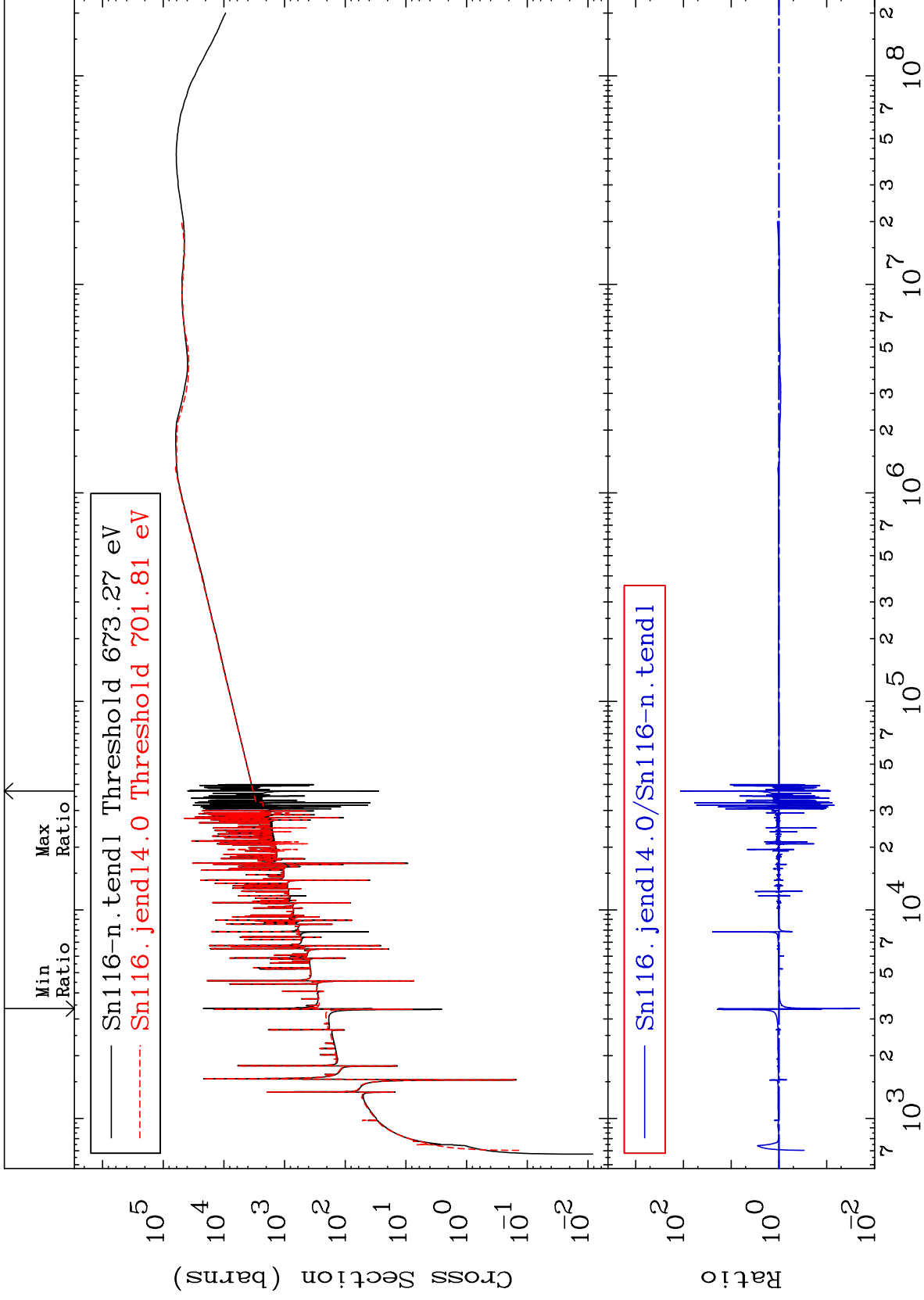
55

Incident Energy (eV)

50-Sn-116







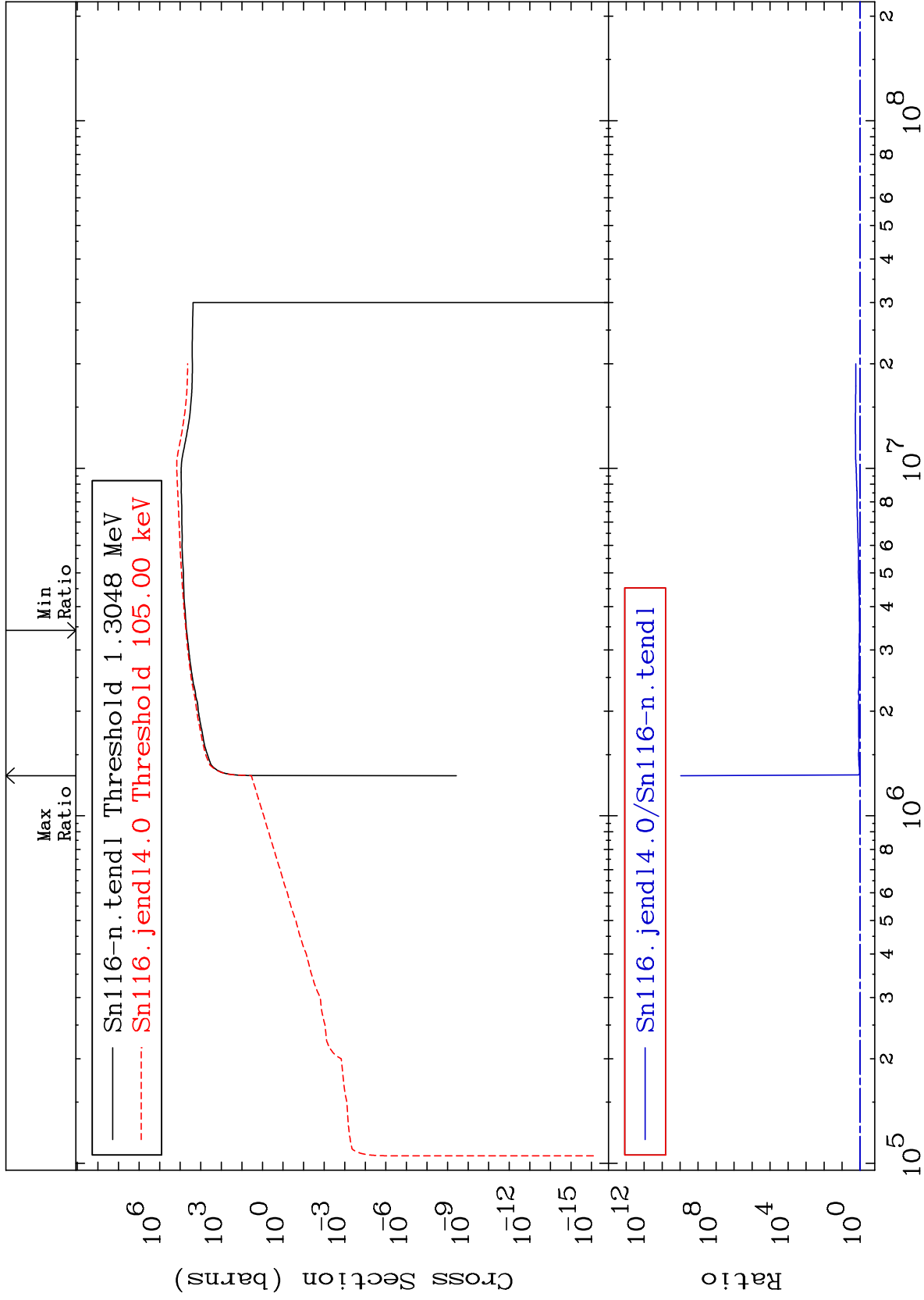
MAT 5037

Dpa inelastic (mt51-91)

50-Sn-116

6.860 To 9999. %

Cross Section



59

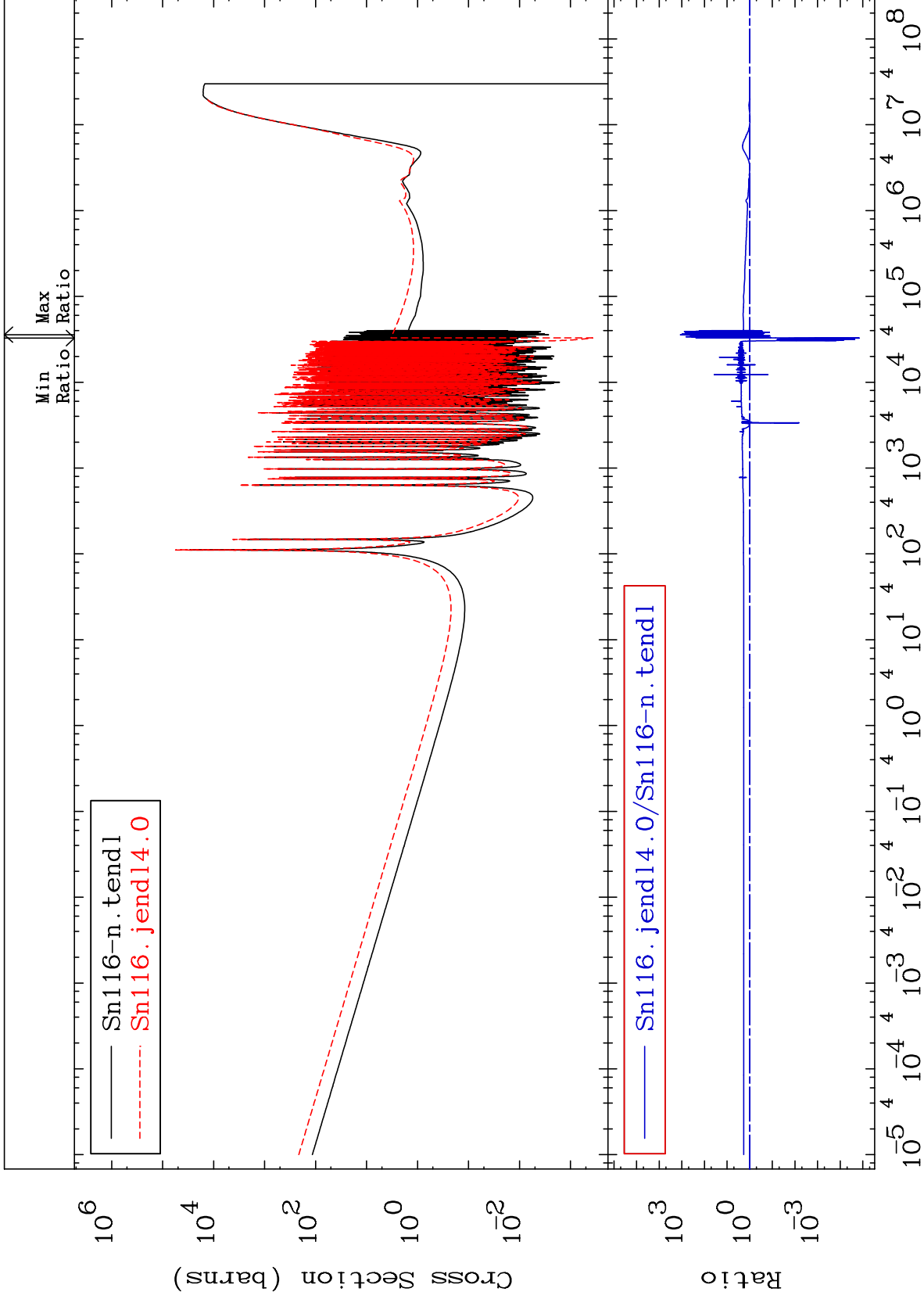
Incident Energy (eV)

50-Sn-116

MAT 5037

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-116
-100.0 To 9999. %



60

Incident Energy (eV)

50-Sn-116