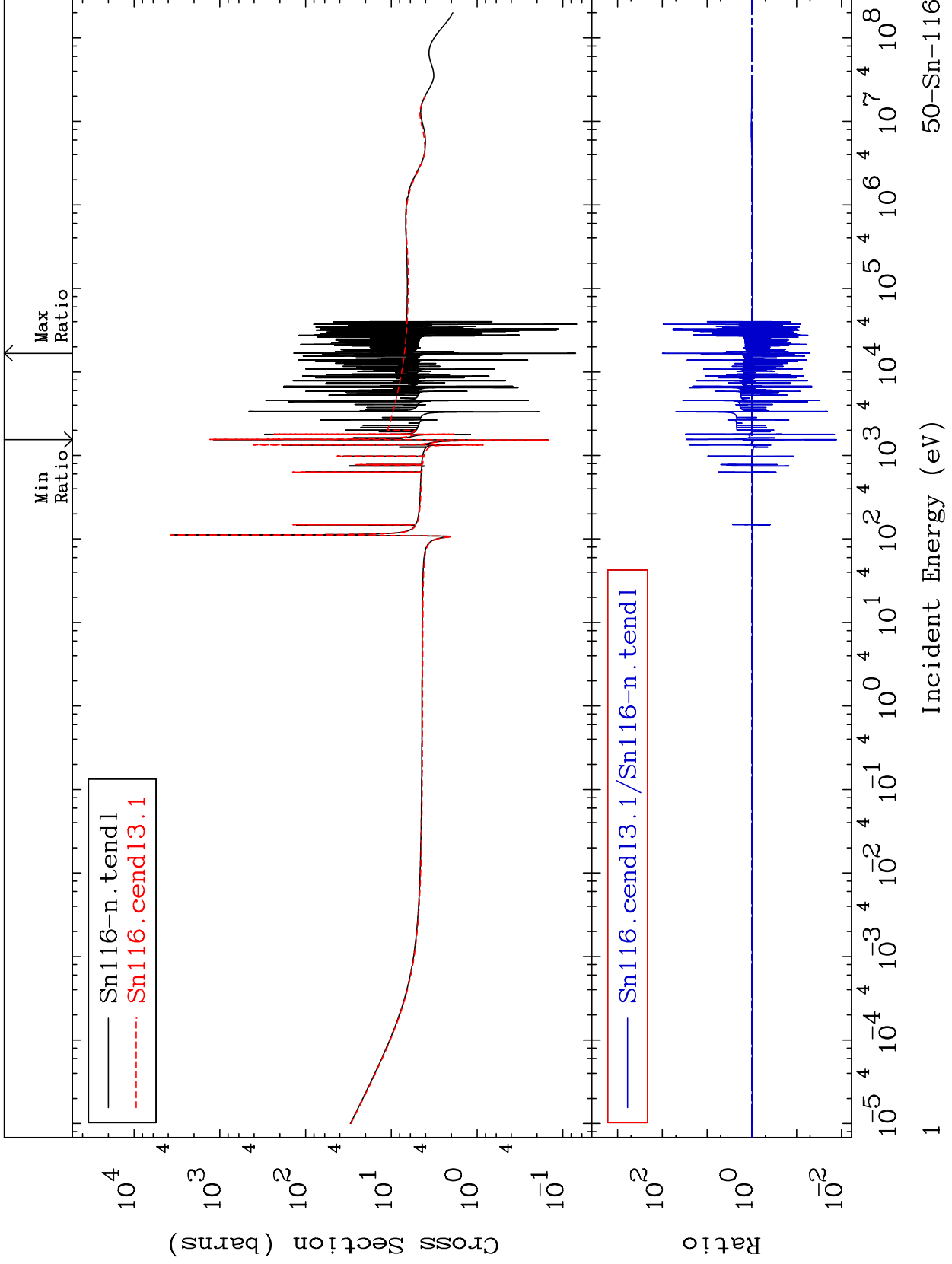


MAT 5037

Total
Cross Section

50-Sn-116
-98.72 To 9924. %

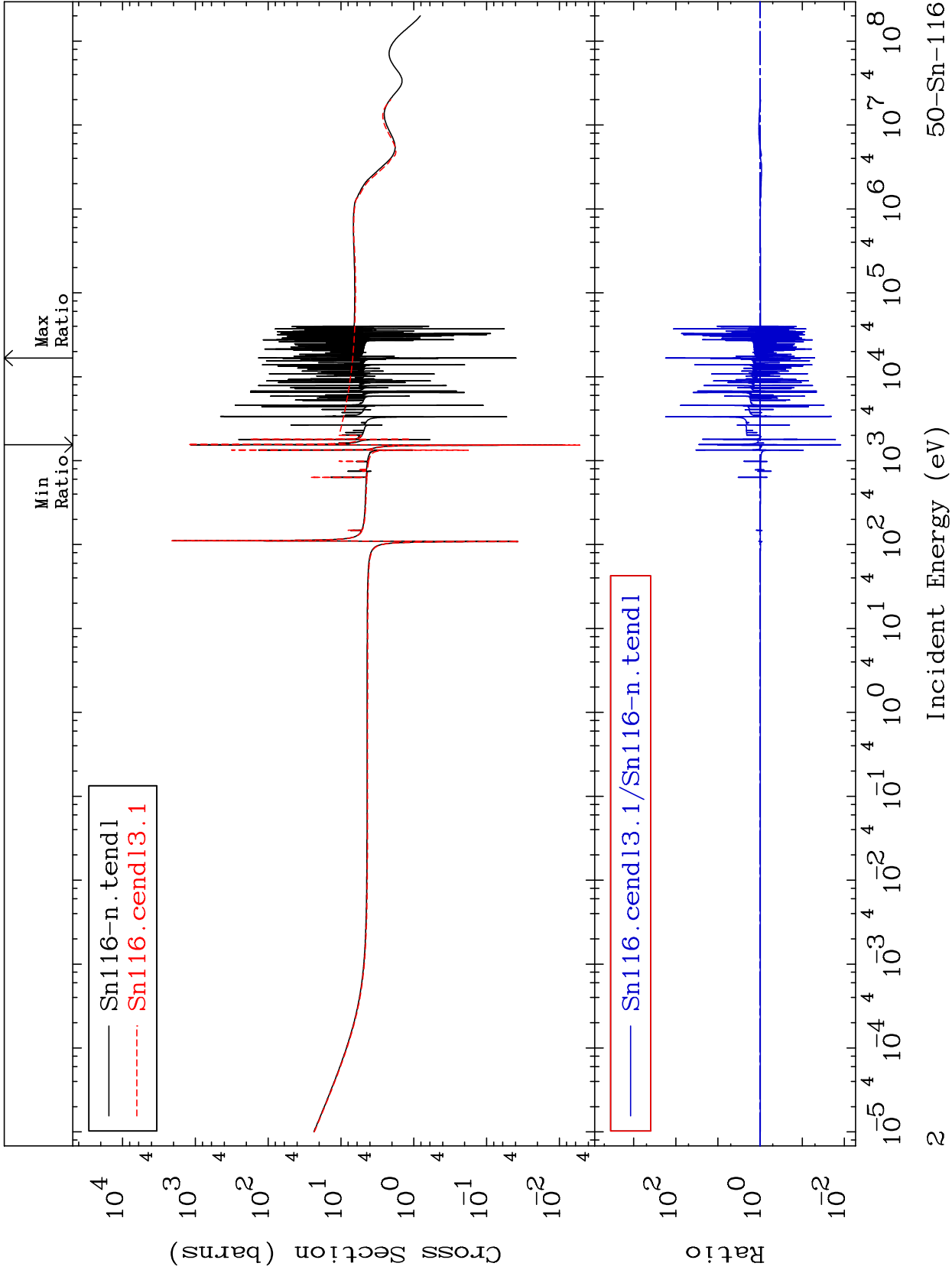


50-Sn-116

MAT 5037

Elastic
Cross Section

50-Sn-116
-98.78 To 9999. %



50-Sn-116

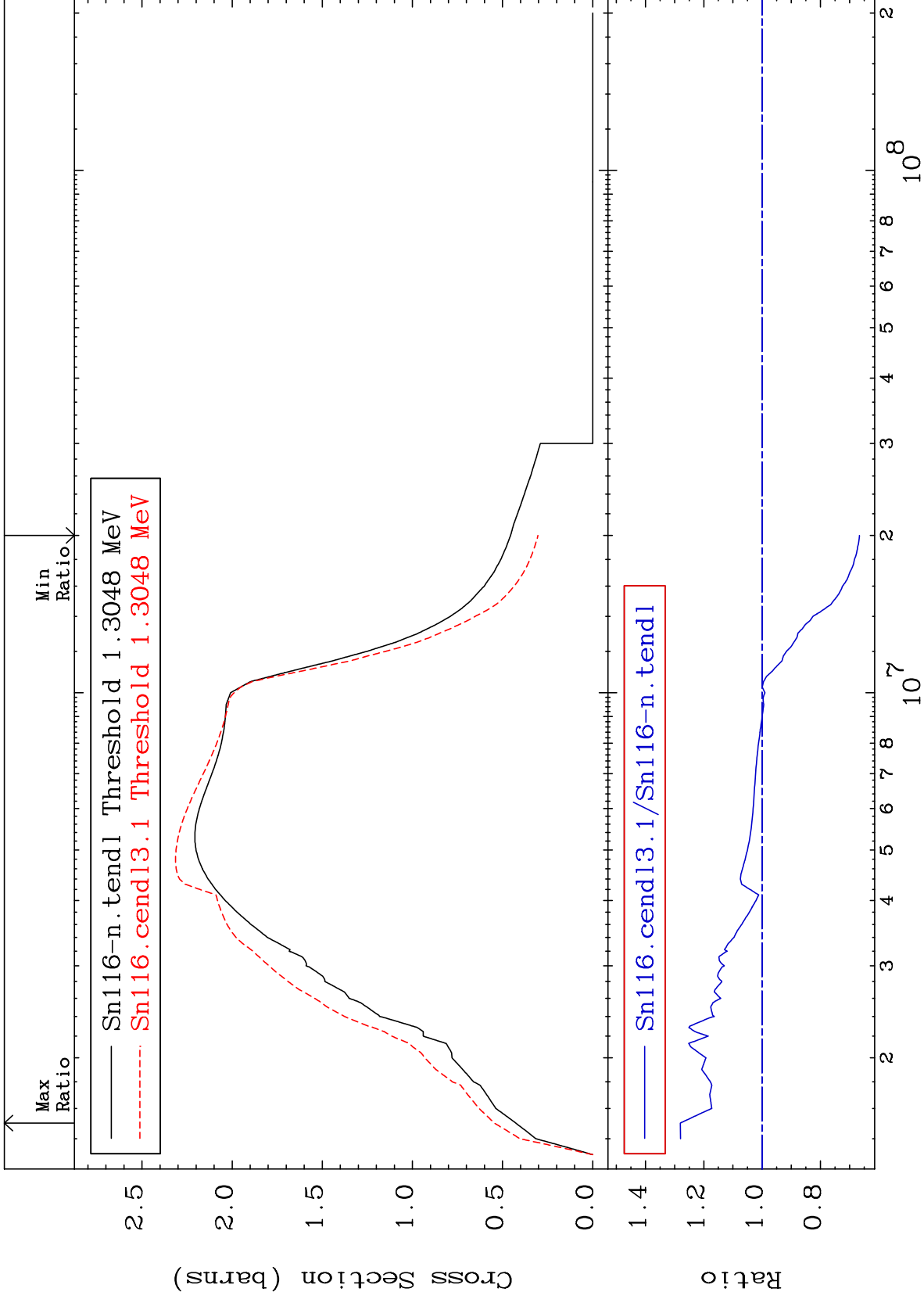
Incident Energy (eV)

2

MAT 5037

Inelastic
Cross Section

50-Sn-116
-33.37 To 28.03 %



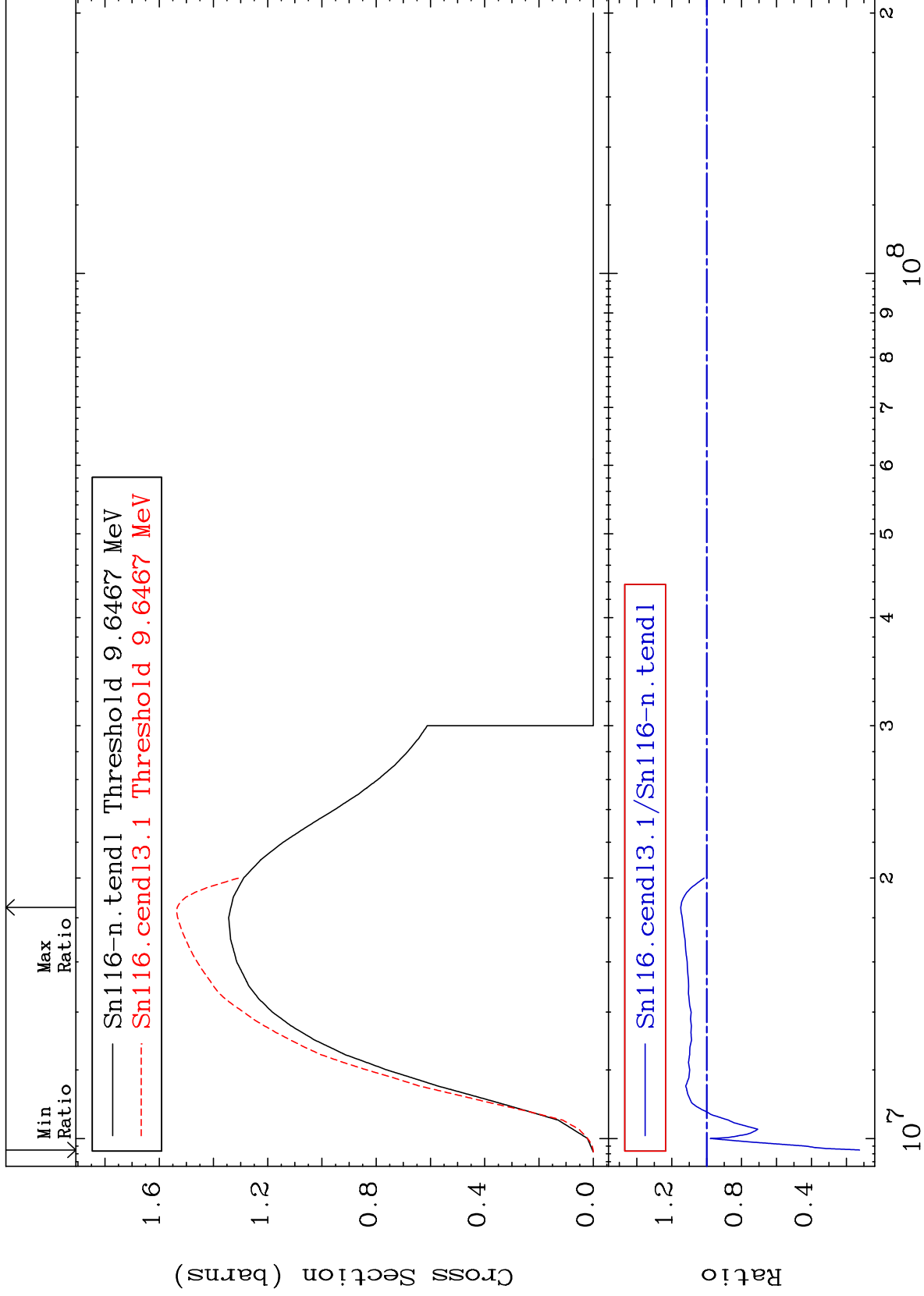
MAT 5037

(n,2n)

50-Sn-116

Cross Section

-87.50 To 14.82 %



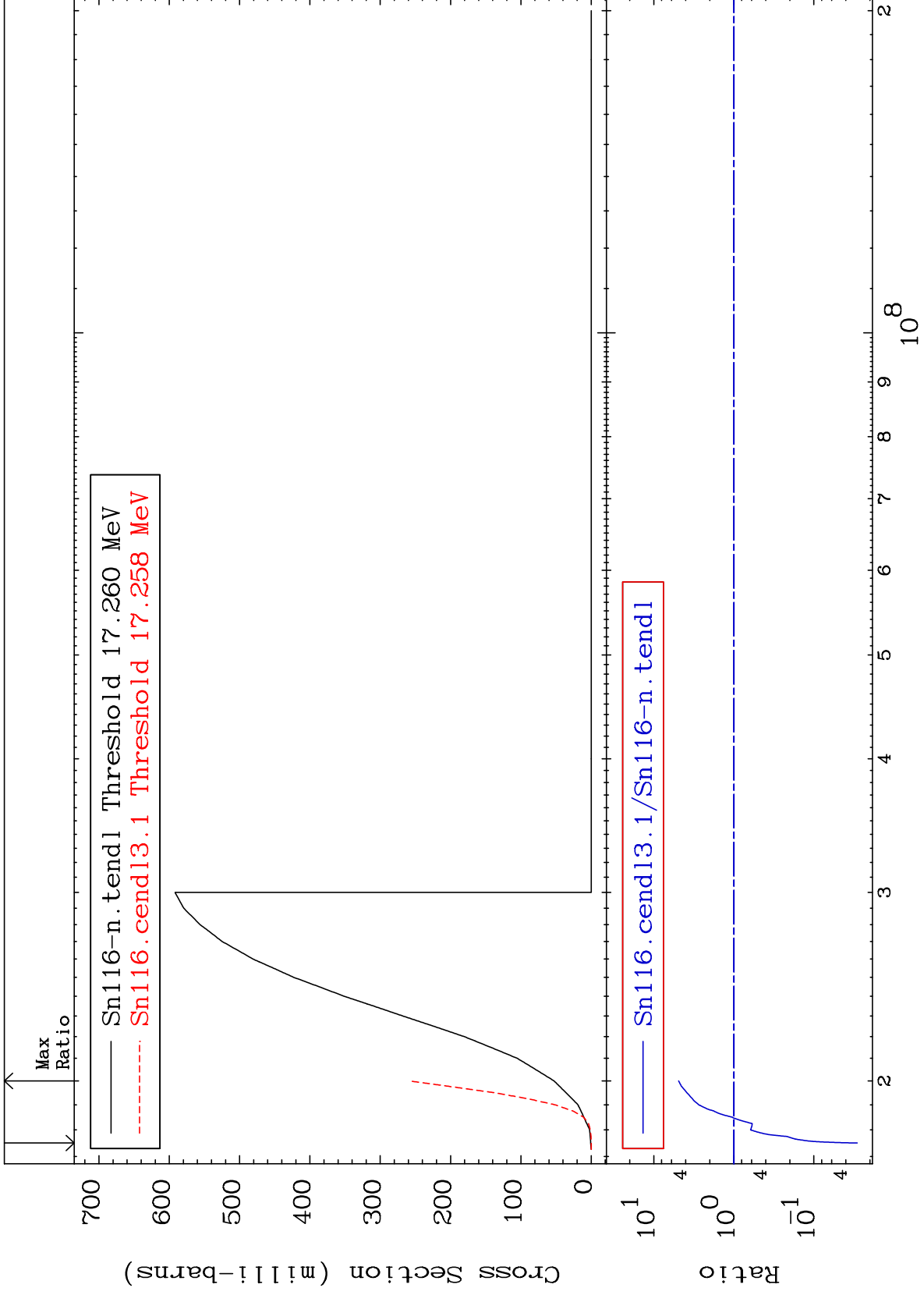
50-Sn-116

50-Sn-116

MAT 5037

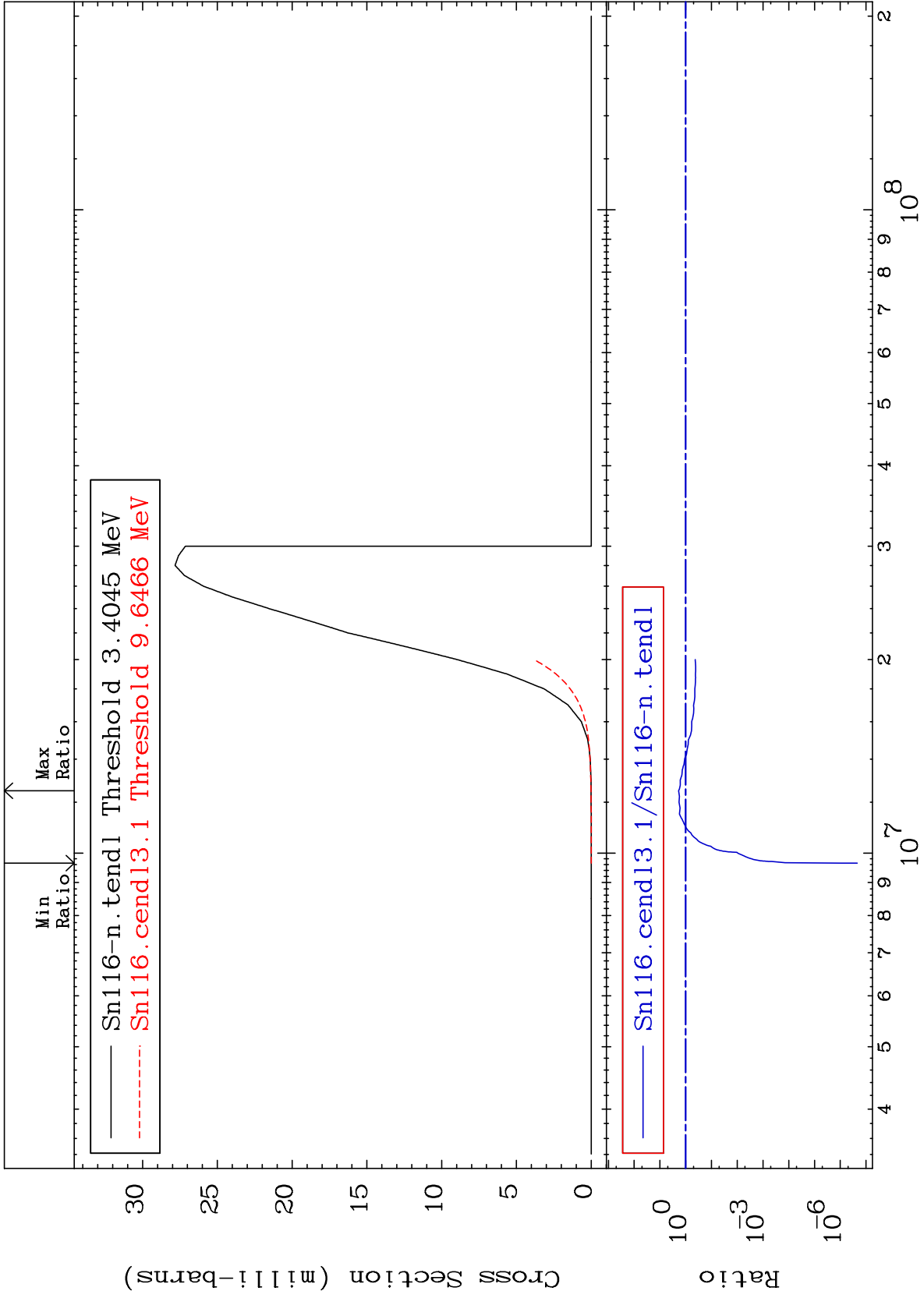
(n,3n)
Cross Section

50-Sn-116
-97.13 To 389.3 %



MAT 5037

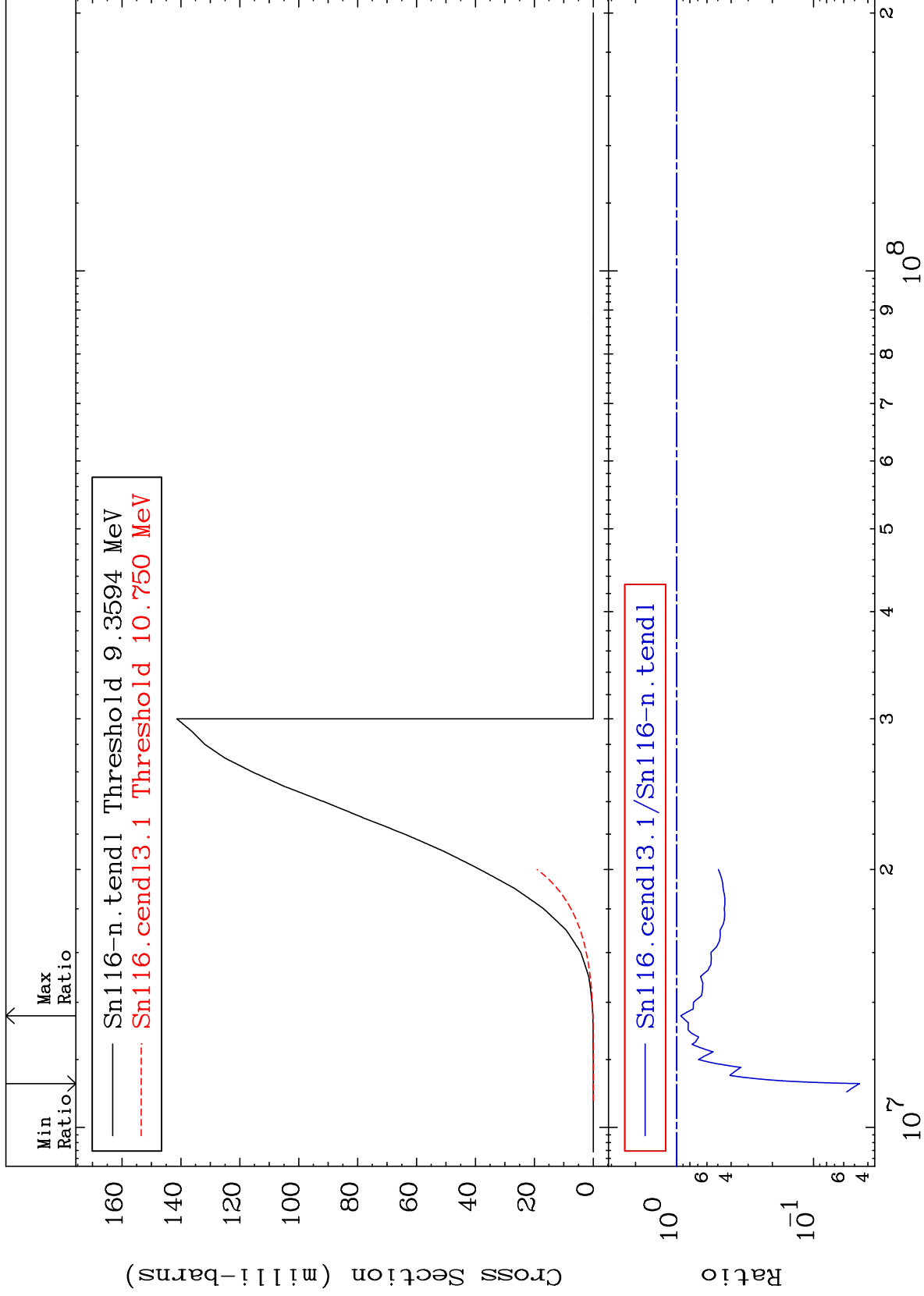
(n,n') α
Cross Section
50-Sn-116
-100.0 To 88.14 %



MAT 5037

(n,n') p
Cross Section

50-Sn-116
-95.40 To -6.650%



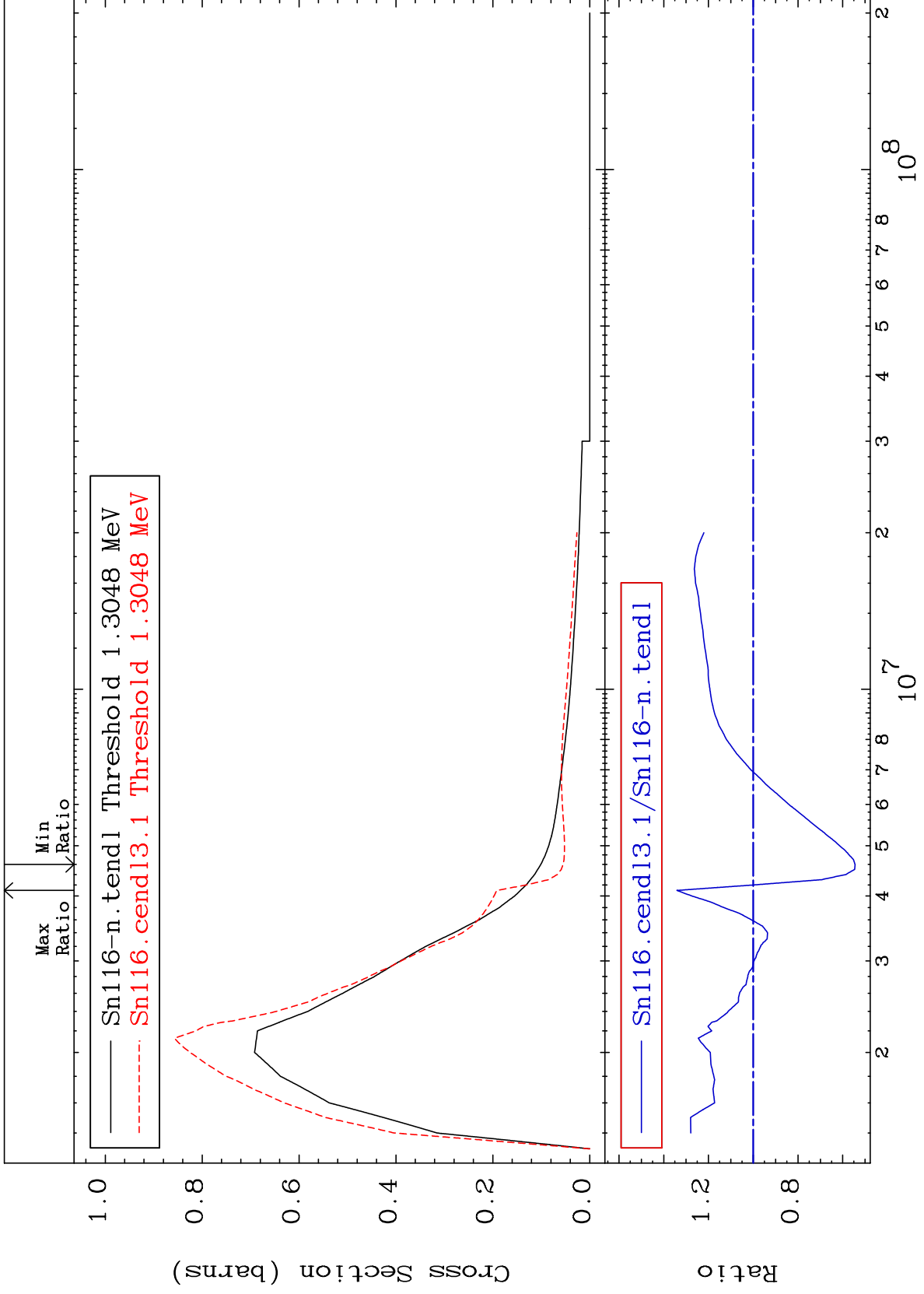
50-Sn-116

50-Sn-116

MAT 5037

1.294 MeV (n,n') Level
Cross Section

50-Sn-116
-45.52 To 34.10 %



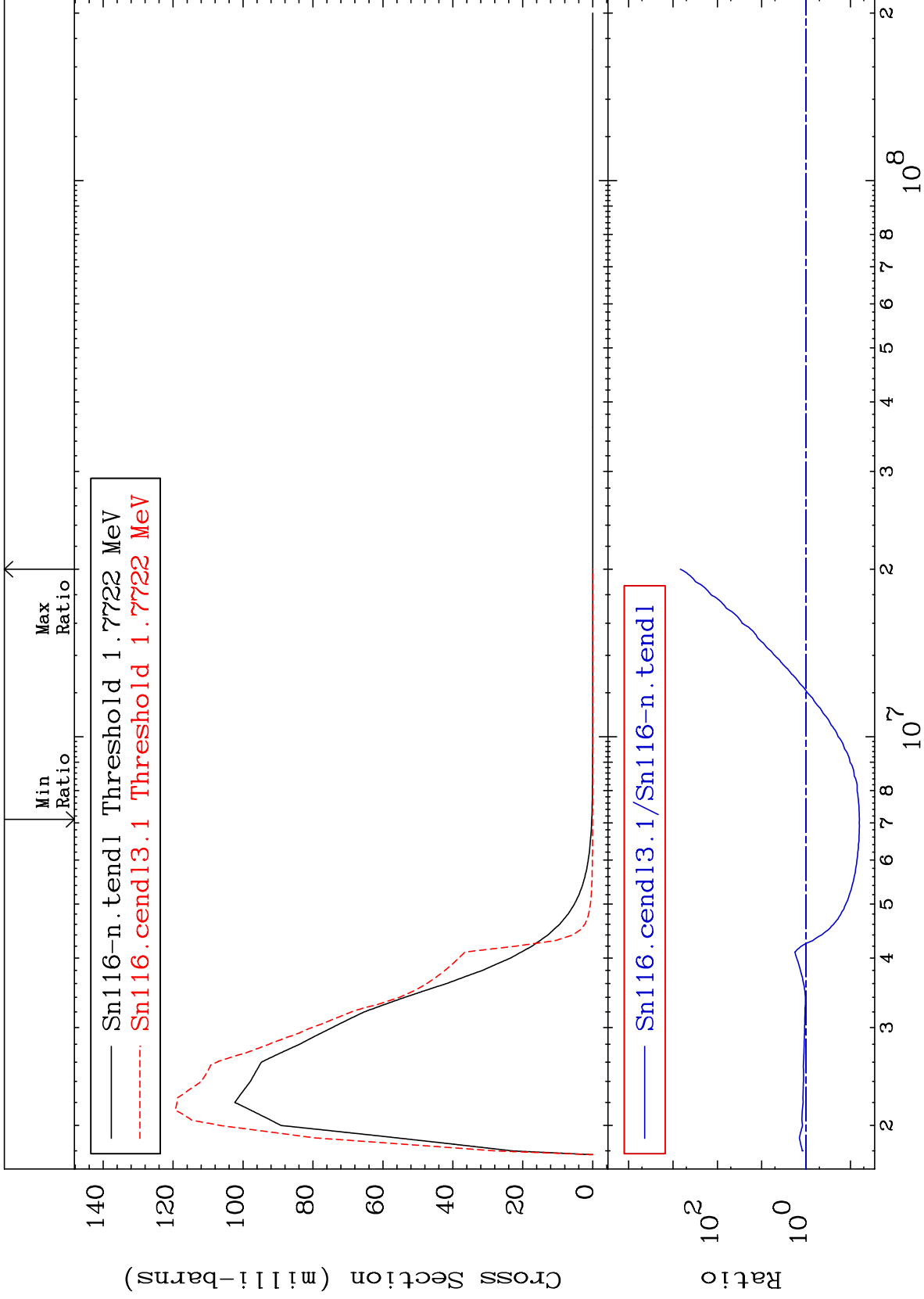
MAT 5037

1.757 MeV (n,n') Level

50-Sn-116

-93.75 To 9999. %

Cross Section



9

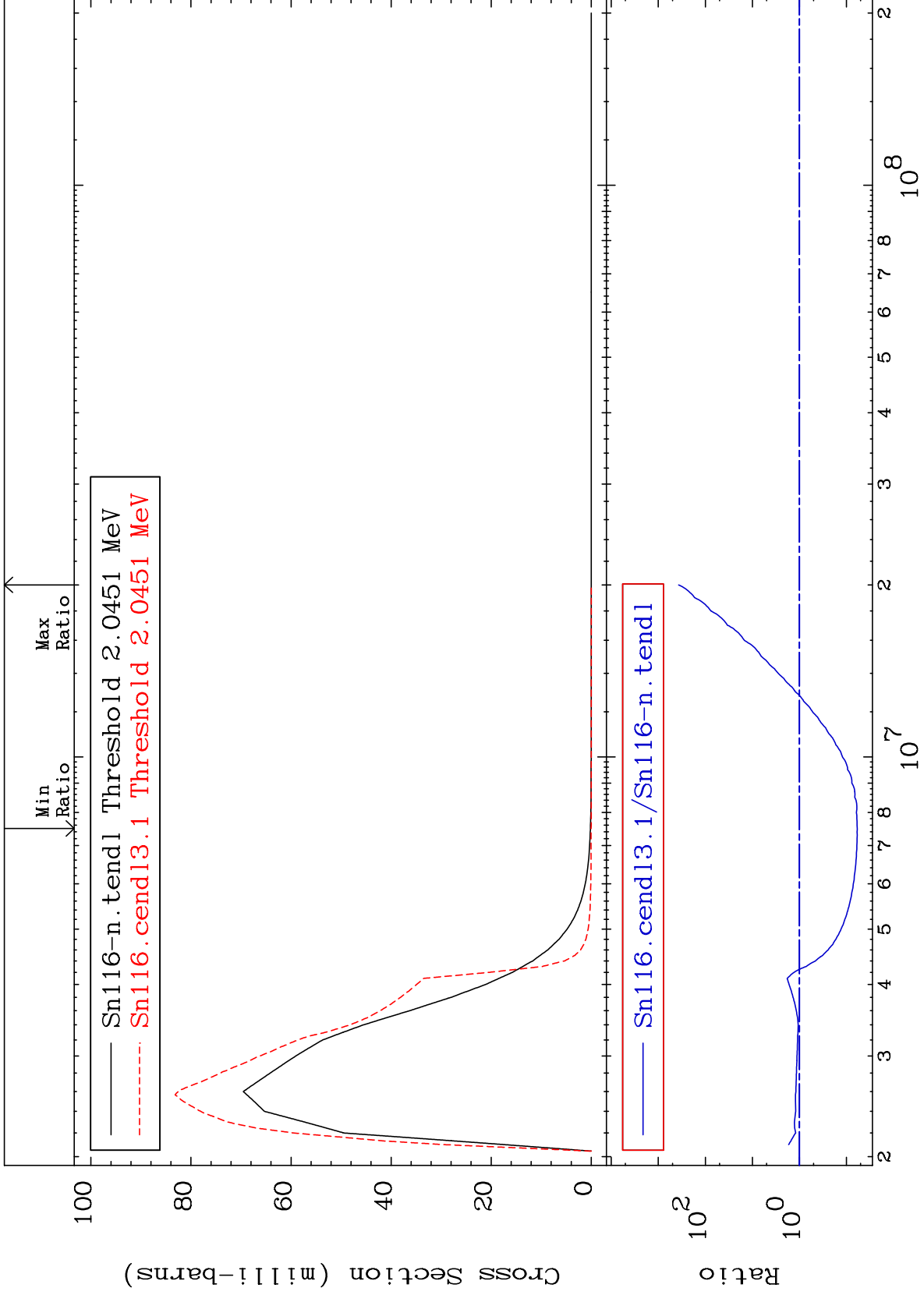
Incident Energy (eV)

50-Sn-116

MAT 5037

2.027 MeV (n,n') Level
Cross Section

50-Sn-116
-94.13 To 9999. %



10

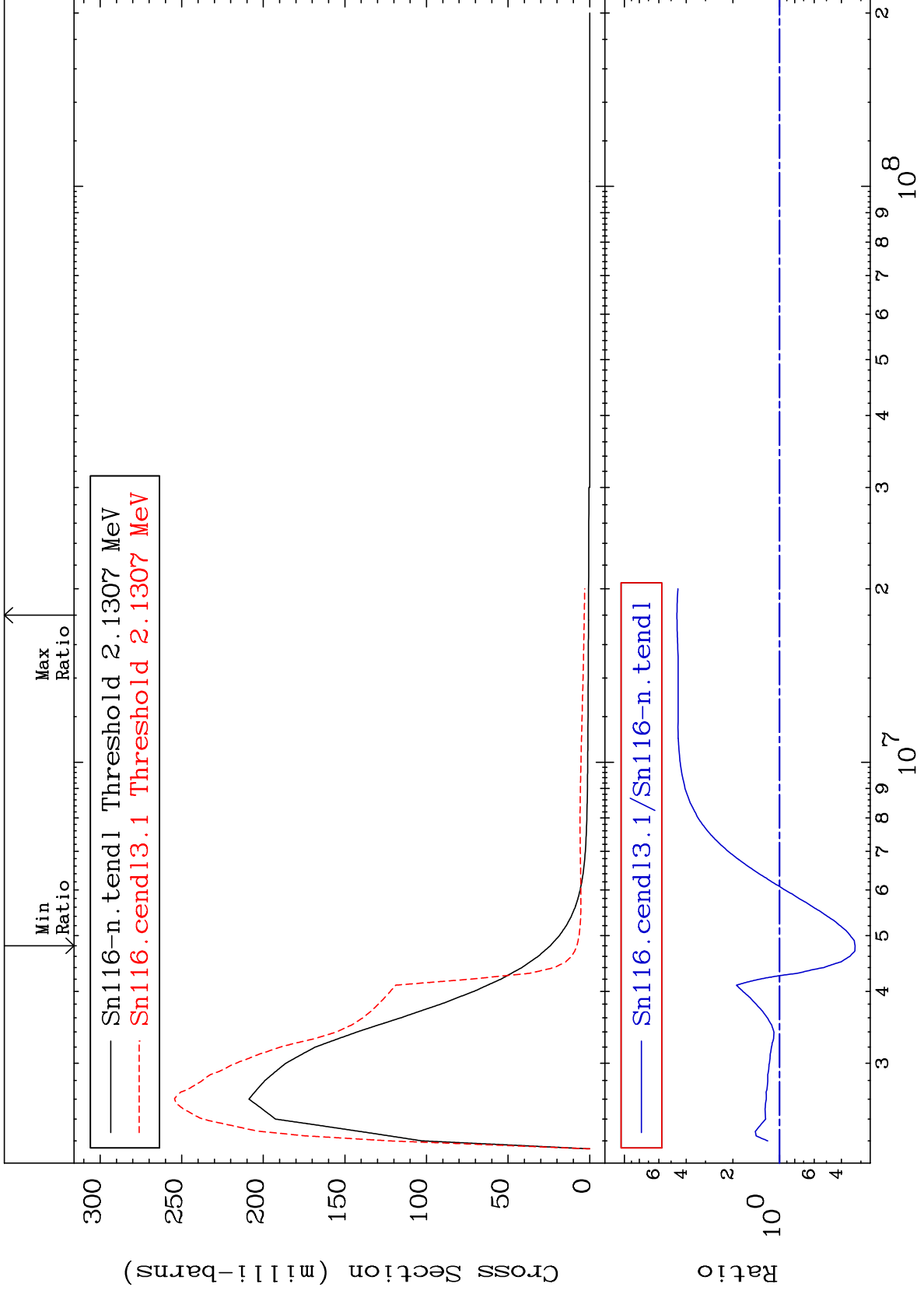
Incident Energy (eV)

50-Sn-116

MAT 5037

2.112 MeV (n,n') Level
Cross Section

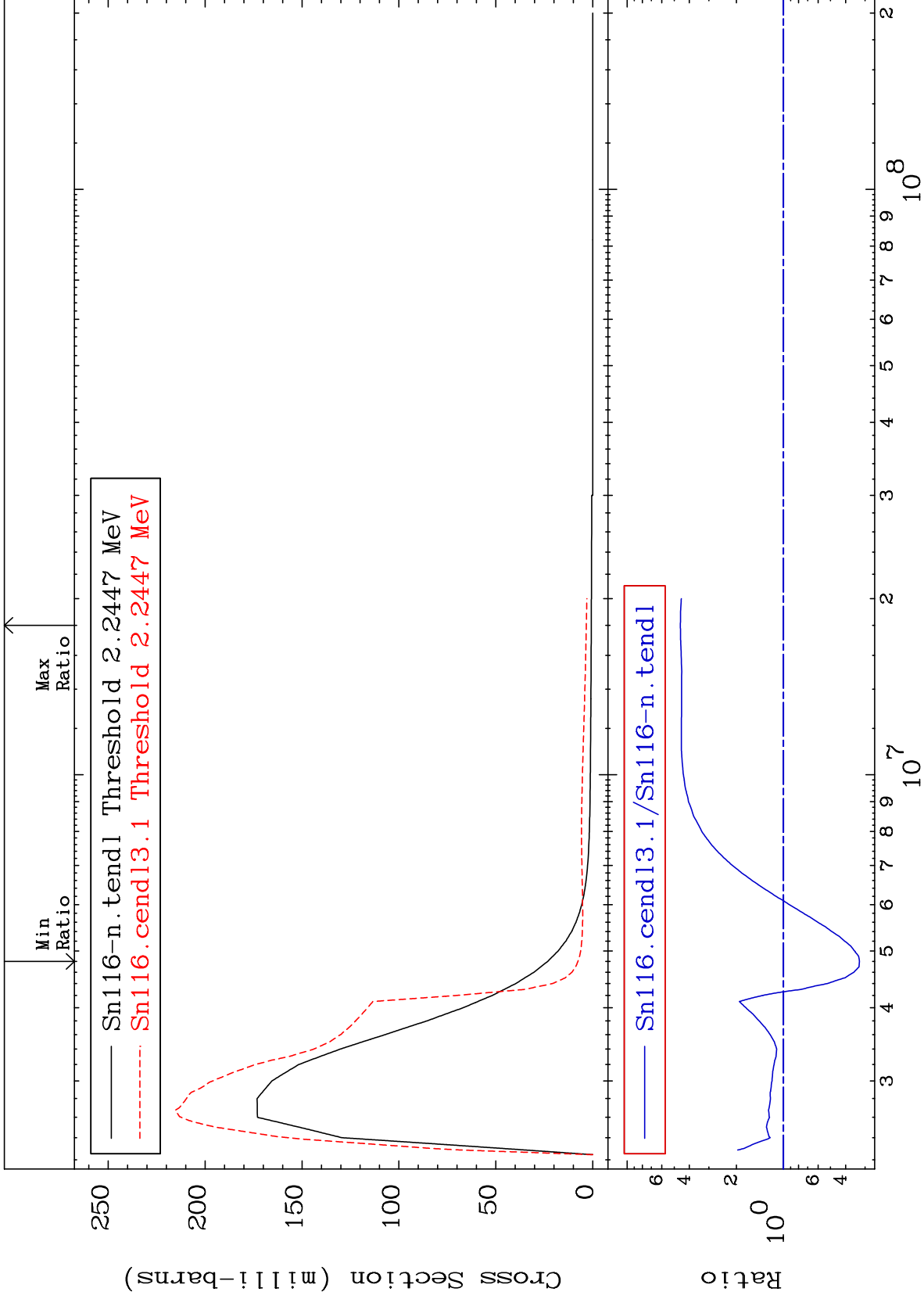
50-Sn-116
-67.31 To 358.5 %



MAT 5037

2.225 MeV (n,n') Level
Cross Section

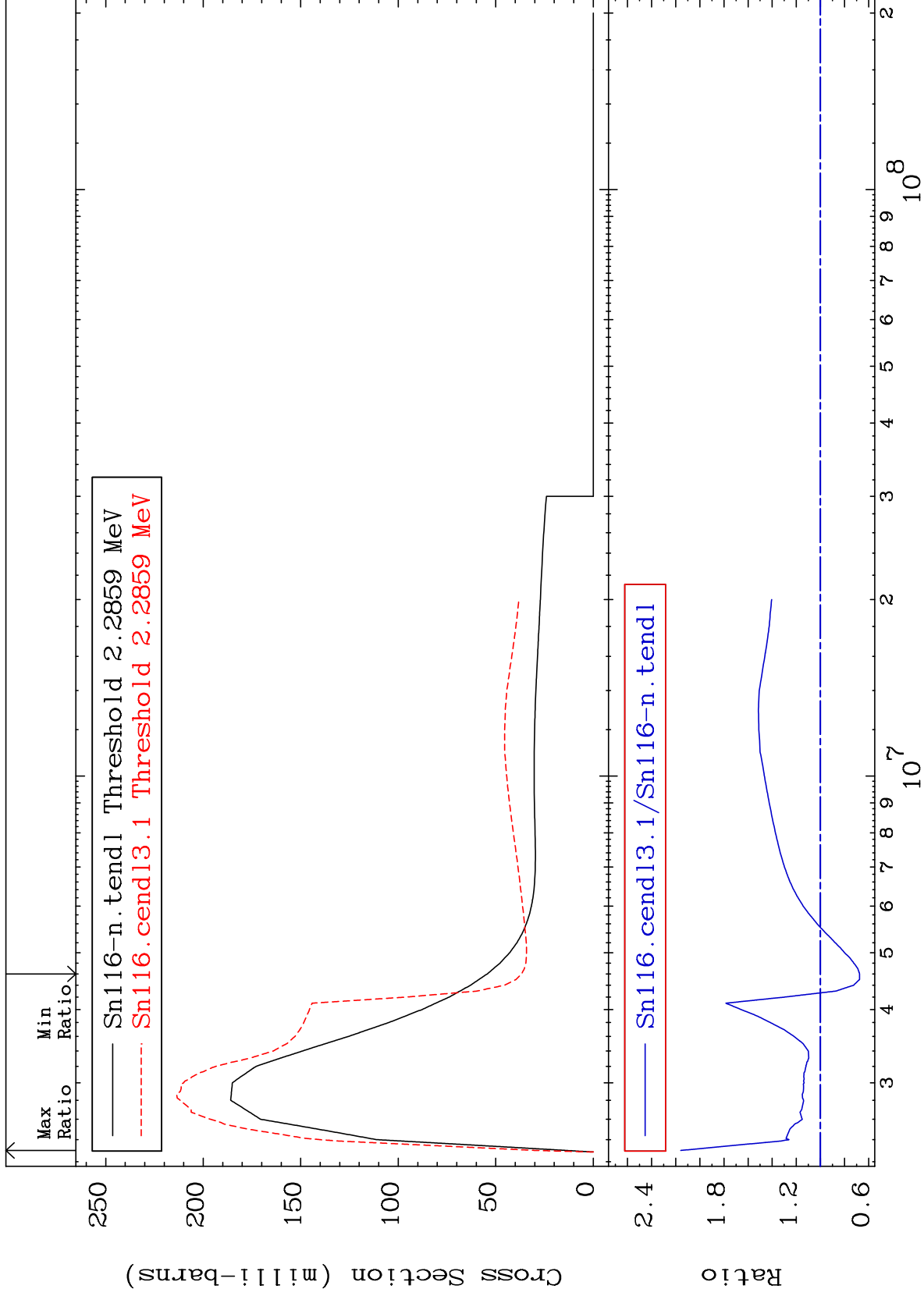
50-Sn-116
-67.36 To 356.4 %



MAT 5037

2.266 MeV (n,n') Level
Cross Section

50-Sn-116
-32.42 To 115.8 %



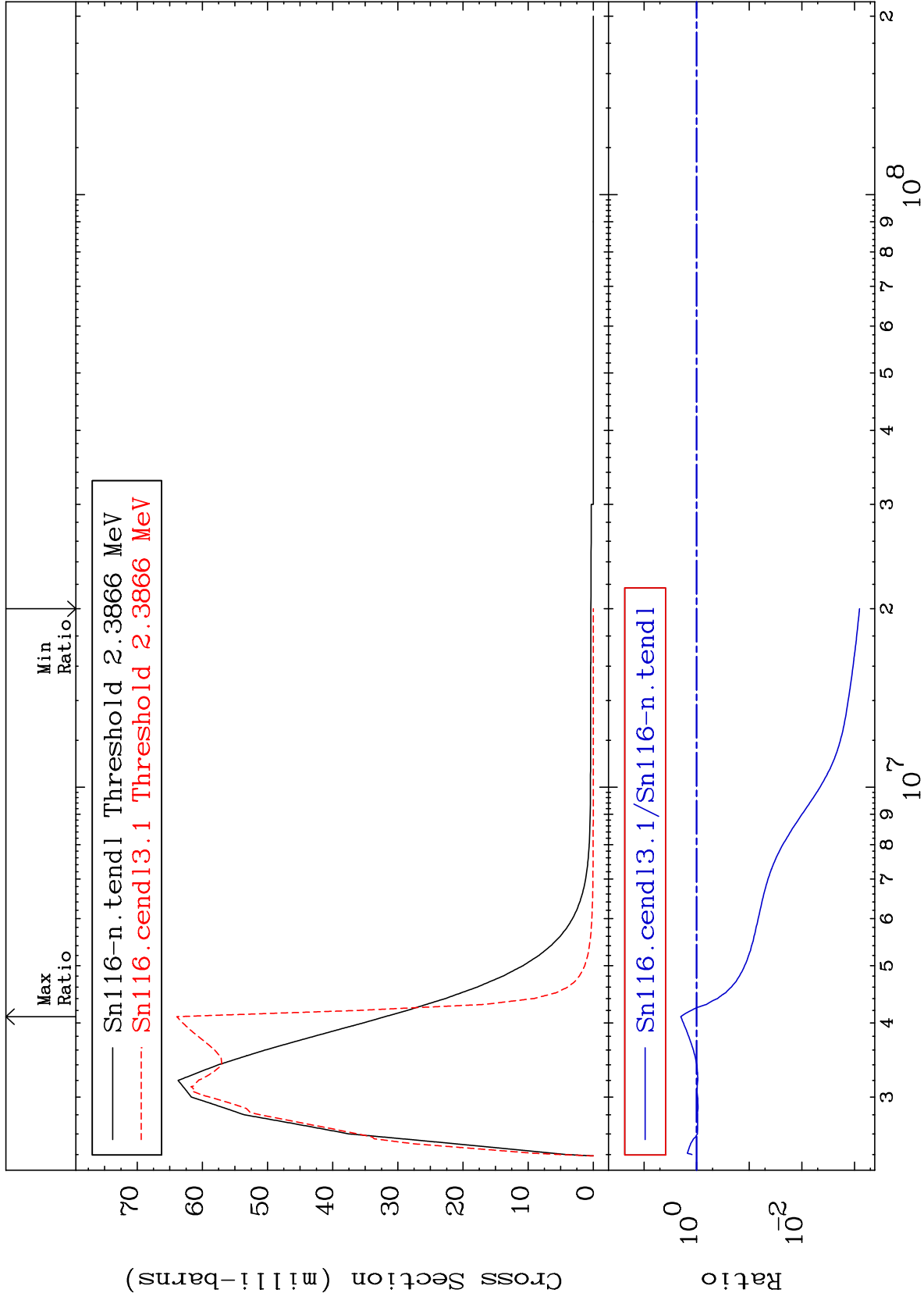
MAT 5037

2.366 MeV (n,n') Level

50-Sn-116

-99.92 To 100.1 %

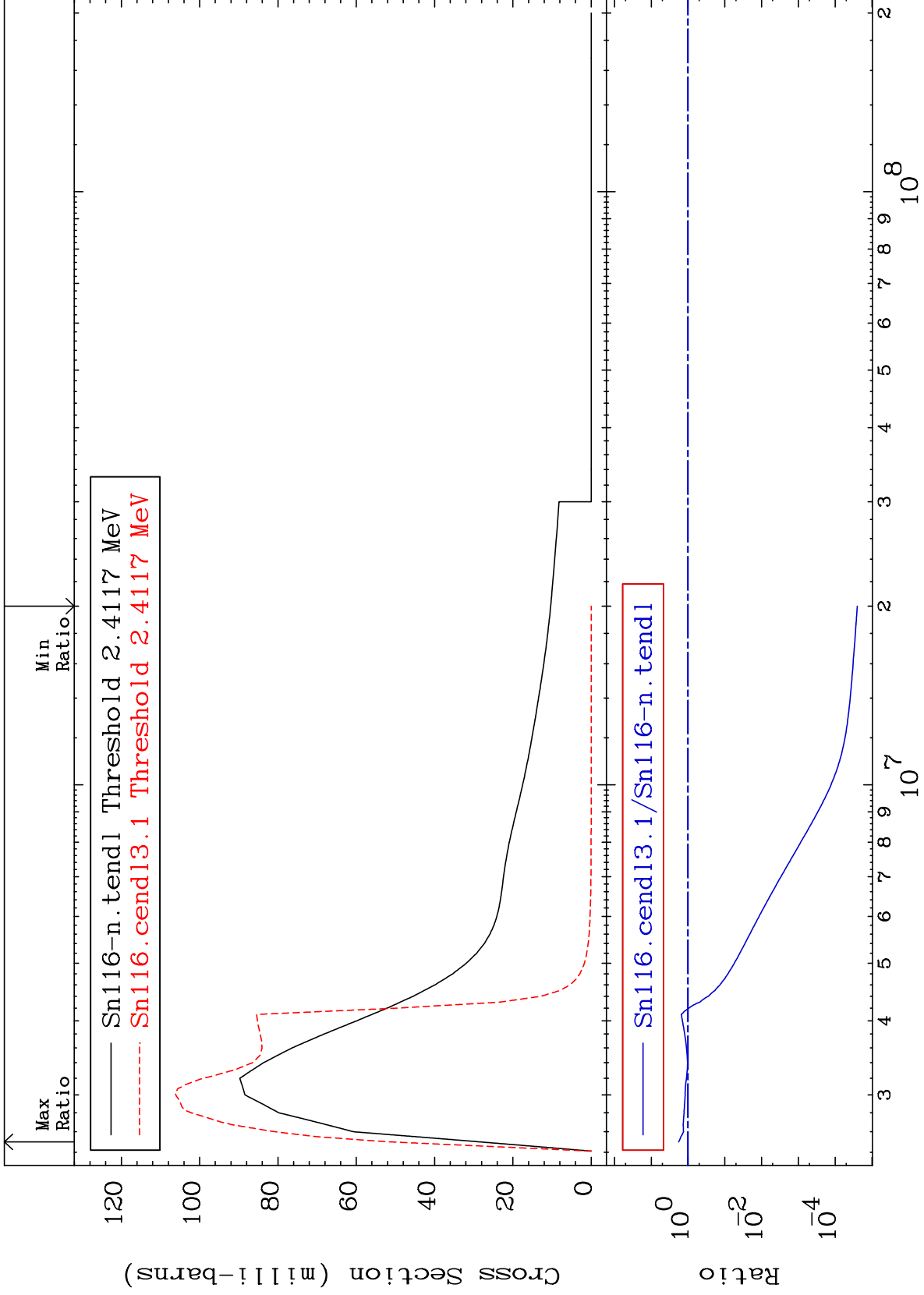
Cross Section



MAT 5037

2.391 MeV (n,n') Level
Cross Section

50-Sn-116
-100.0 To 80.28 %



15

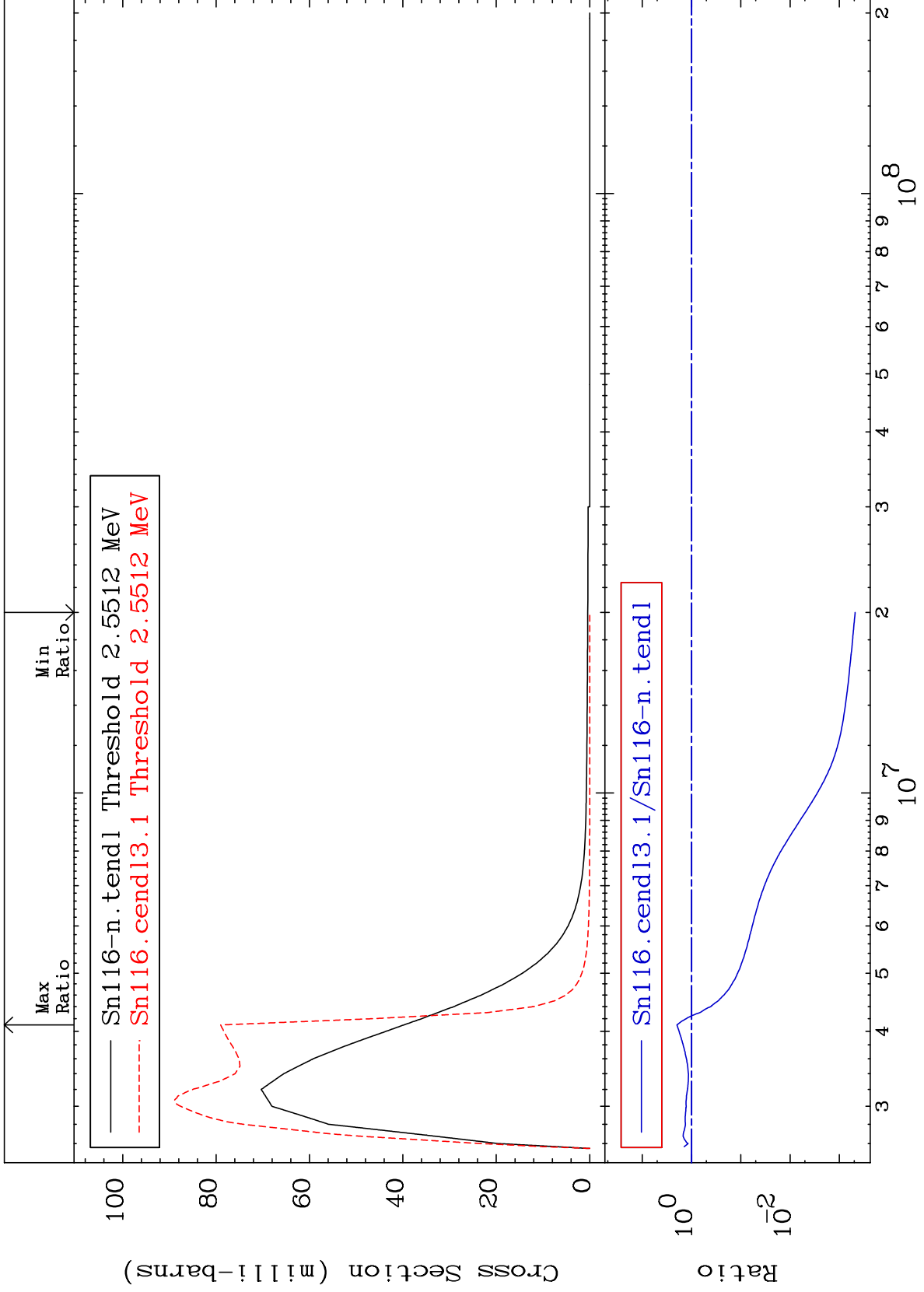
Incident Energy (eV)

50-Sn-116

MAT 5037

2.529 MeV (n,n') Level
Cross Section

50-Sn-116
-99.95 To 98.40 %



16

Incident Energy (eV)

50-Sn-116

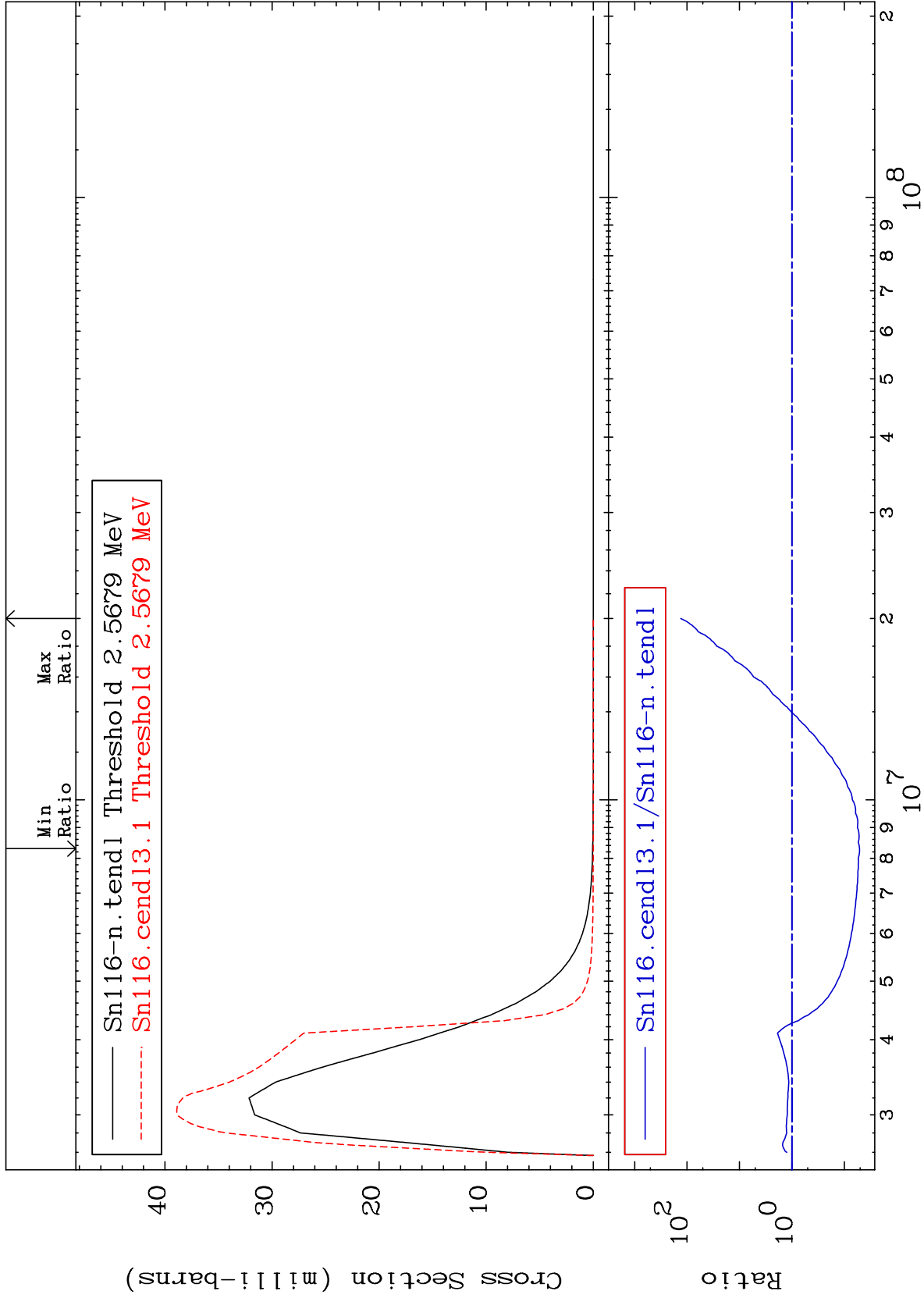
MAT 5037

2.546 MeV (n,n') Level

50-Sn-116

-94.87 To 9999. %

Cross Section



17

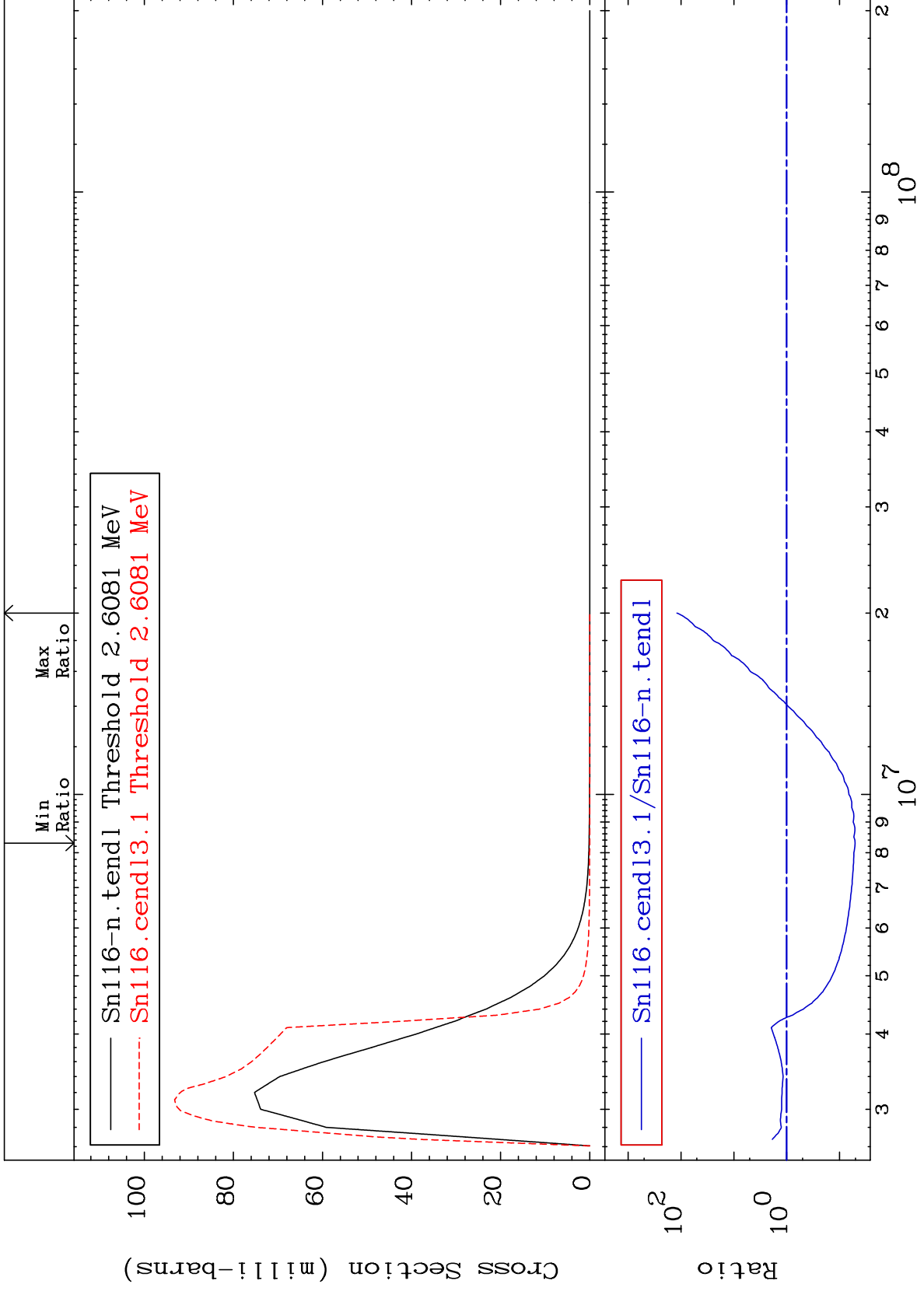
Incident Energy (eV)

50-Sn-116

MAT 5037

2.586 MeV (n,n') Level
Cross Section

50-Sn-116
-94.91 To 9999. %



18

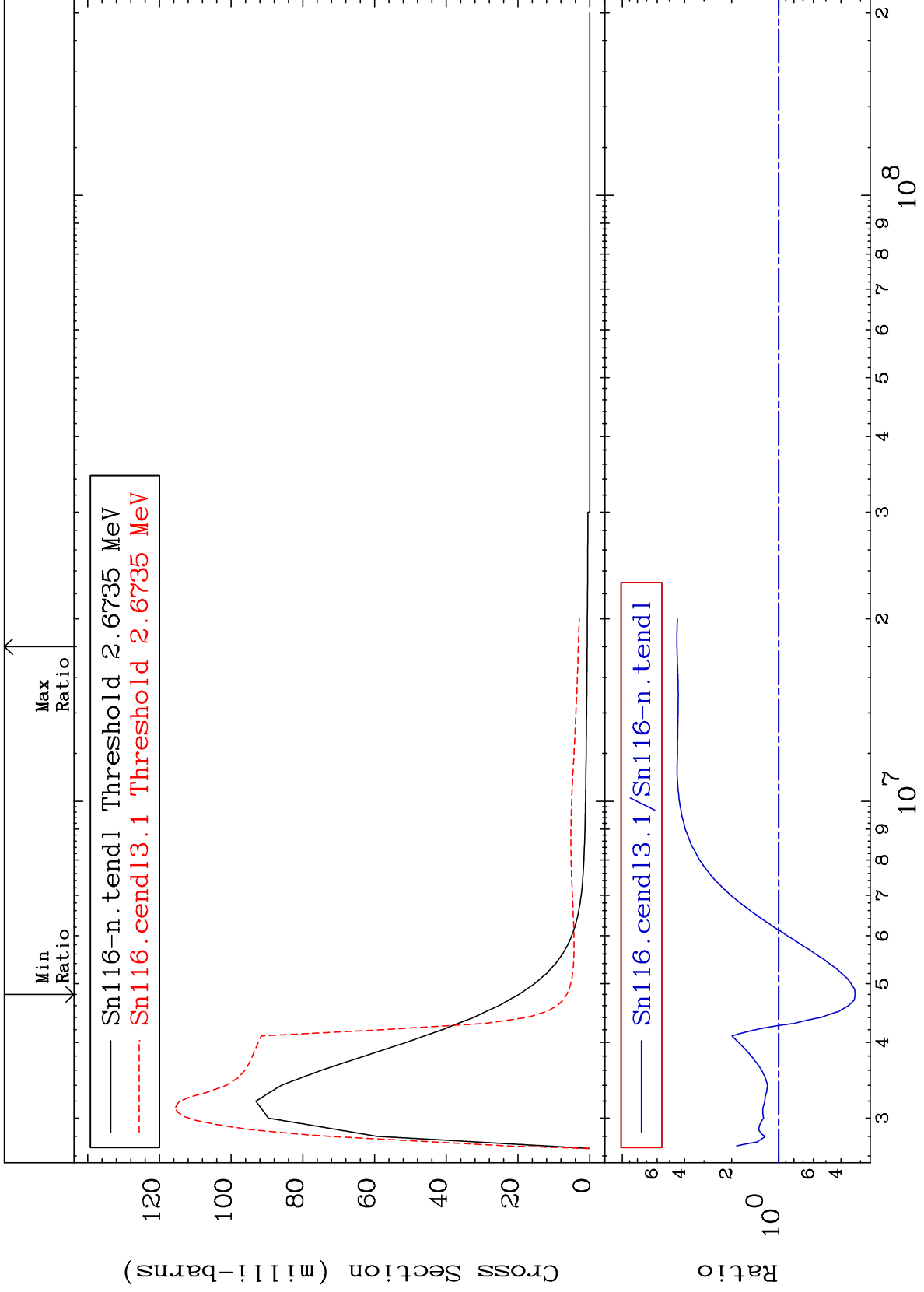
50-Sn-116

50-Sn-116

MAT 5037

2.650 MeV (n,n') Level
Cross Section

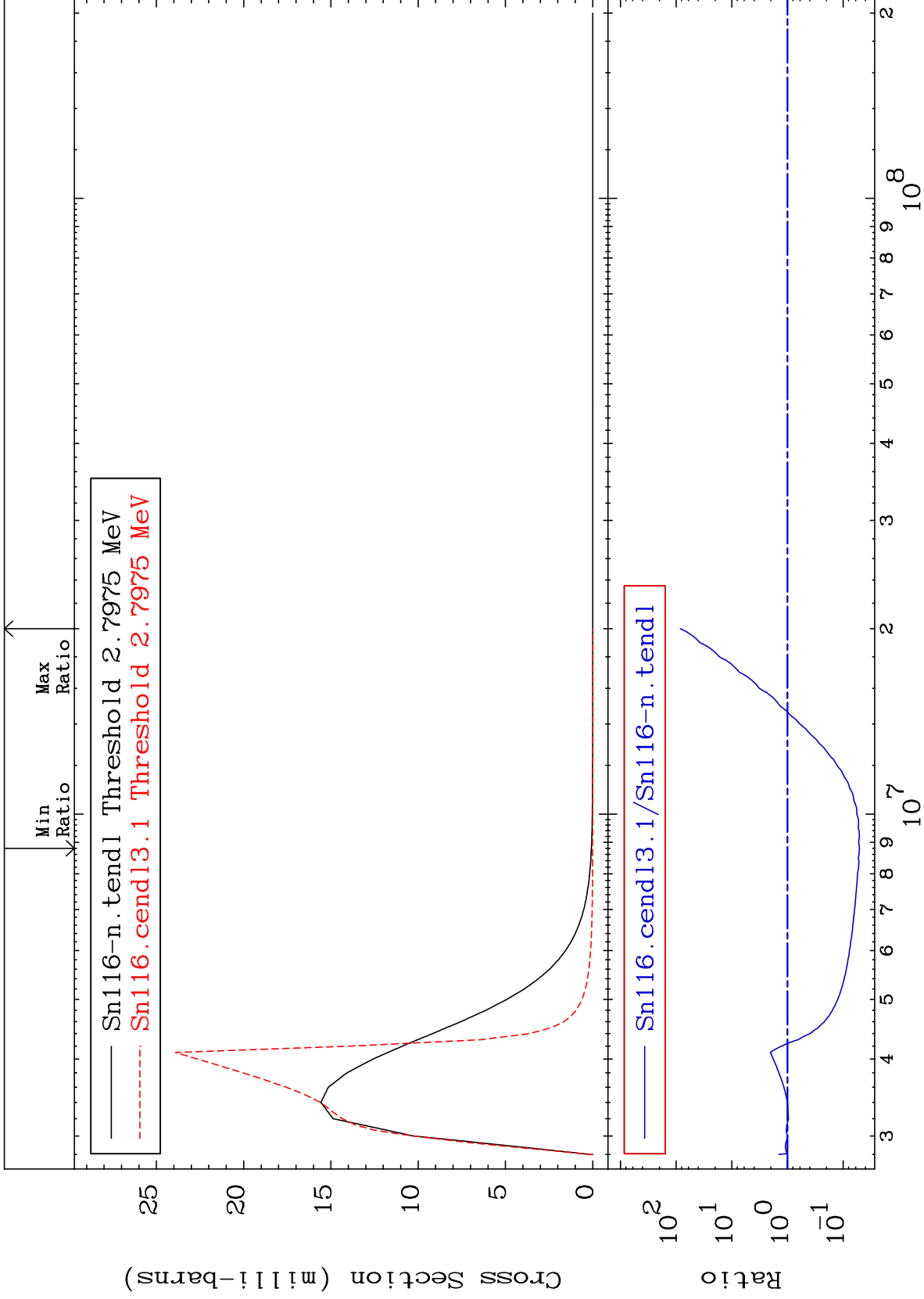
50-Sn-116
-67.54 To 347.9 %



MAT 5037

2.773 MeV (n,n') Level
Cross Section

50-Sn-116
-94.87 To 8308. %



20

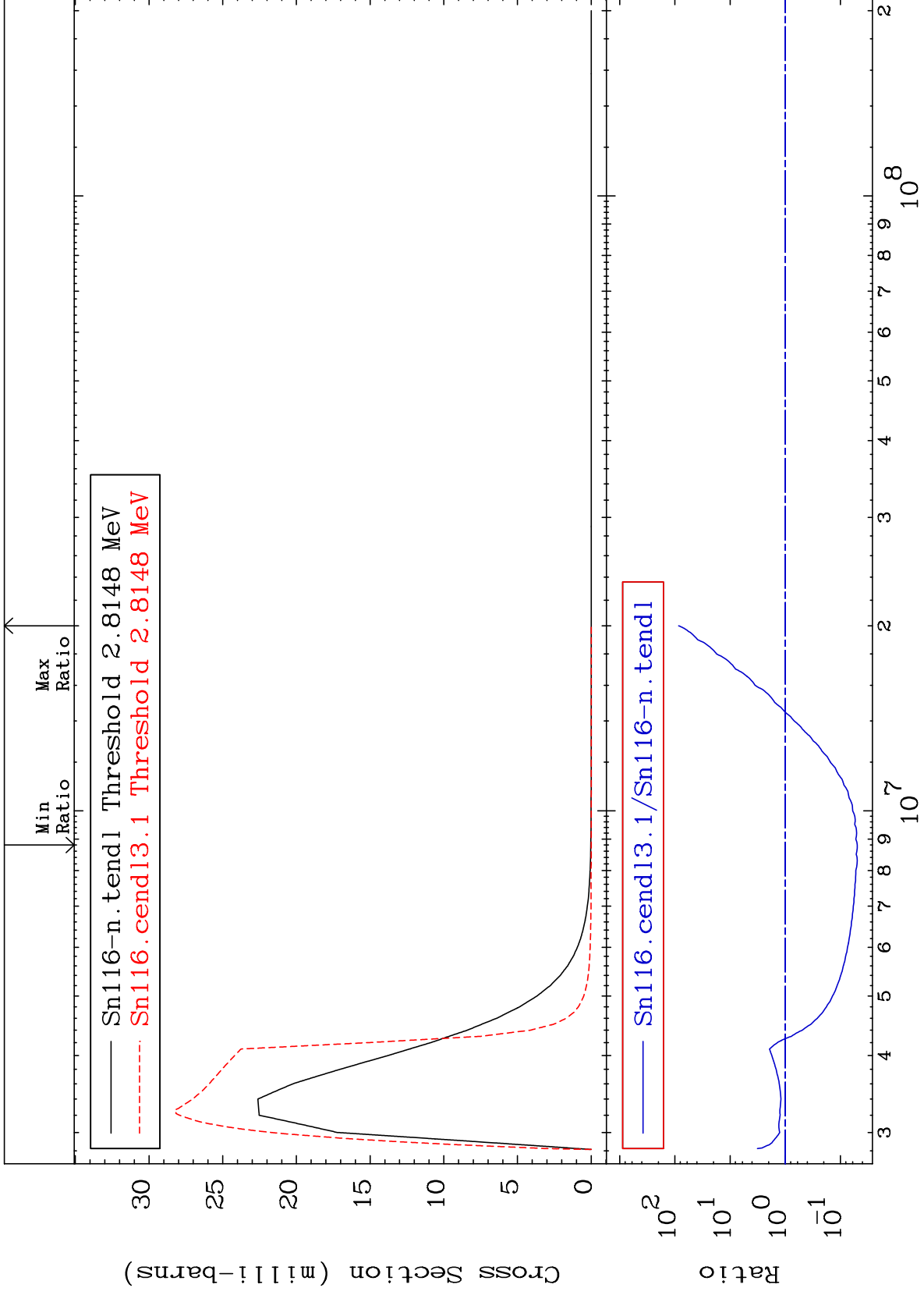
Incident Energy (eV)

50-Sn-116

MAT 5037

2.791 MeV (n,n') Level
Cross Section

50-Sn-116
-95.04 To 8465. %



21

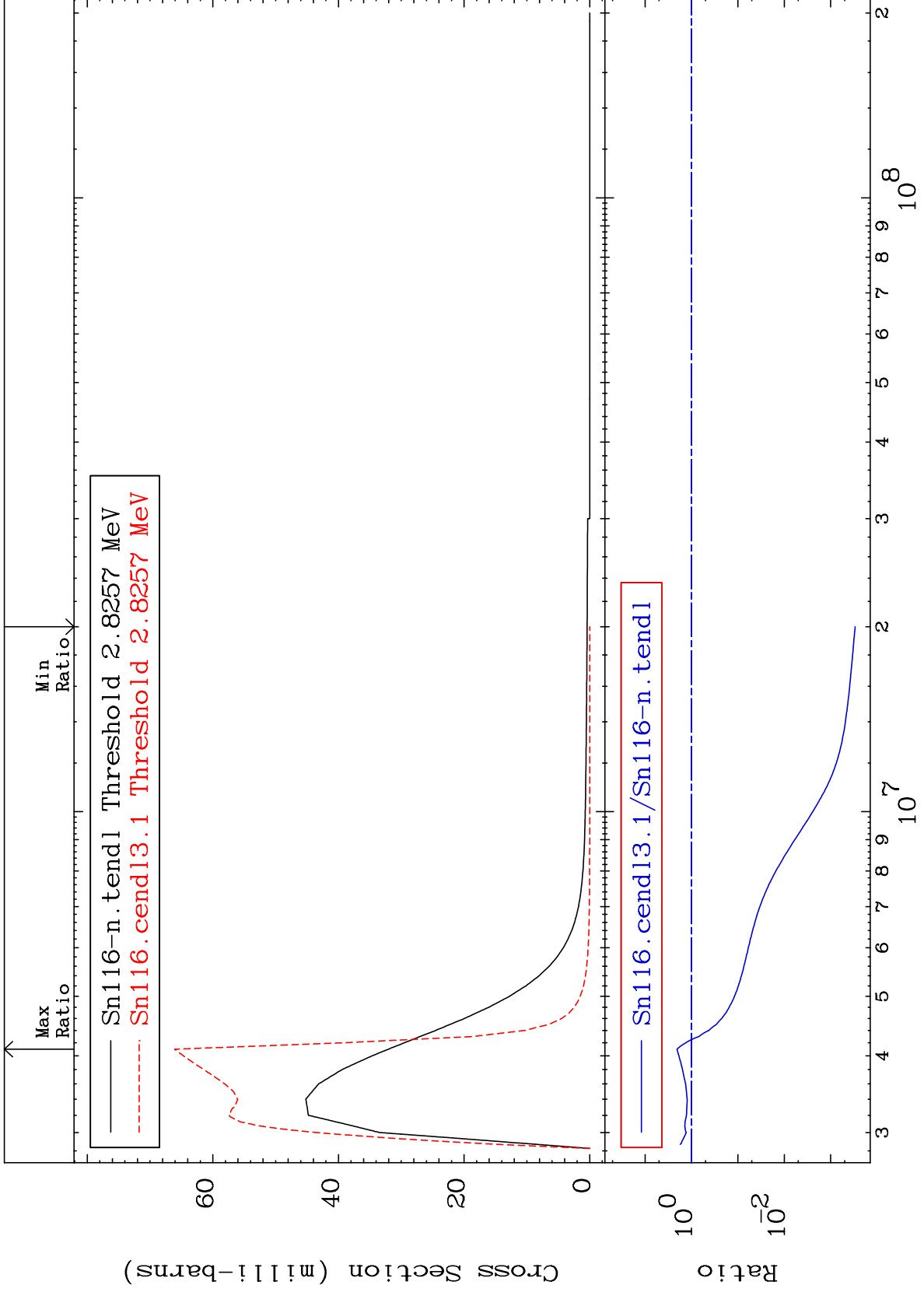
Incident Energy (eV)

50-Sn-116

MAT 5037

2.801 MeV (n,n') Level
Cross Section

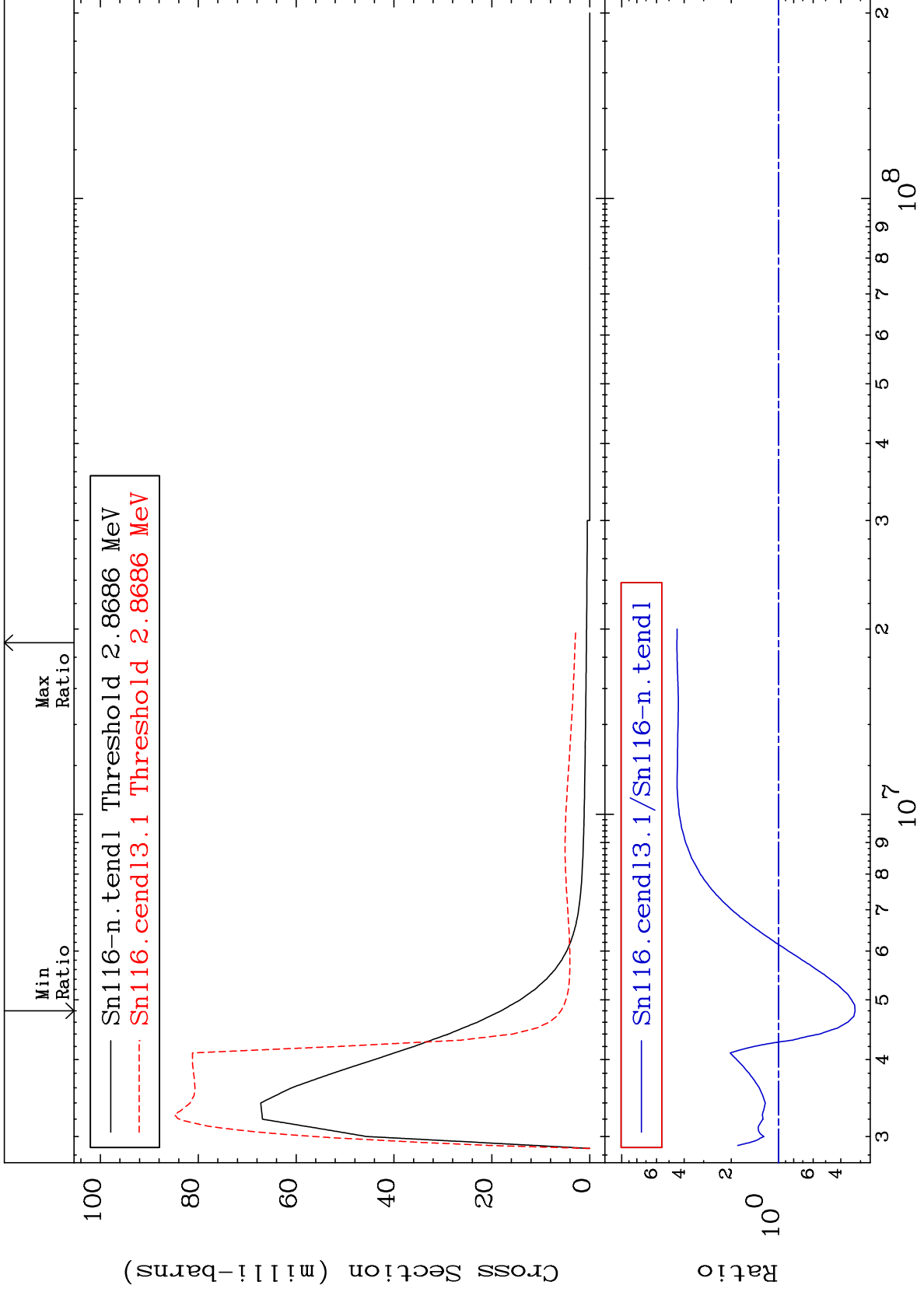
50-Sn-116
-99.97 To 106.0 %



MAT 5037

2.844 MeV (n,n') Level
Cross Section

50-Sn-116
-67.56 To 344.6 %



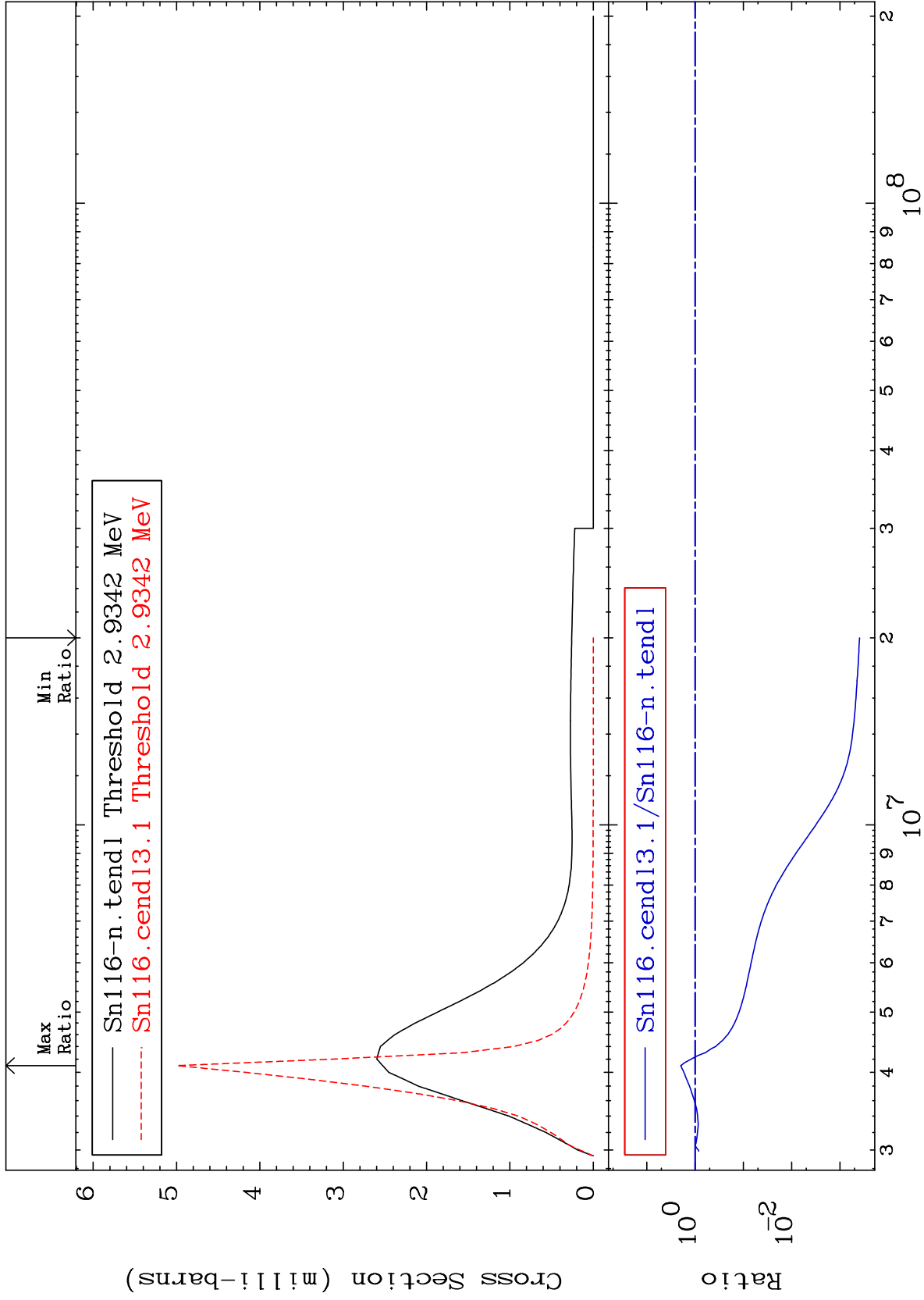
MAT 5037

2.909 MeV (n,n') Level

50-Sn-116

-99.96 To 97.82 %

Cross Section



24

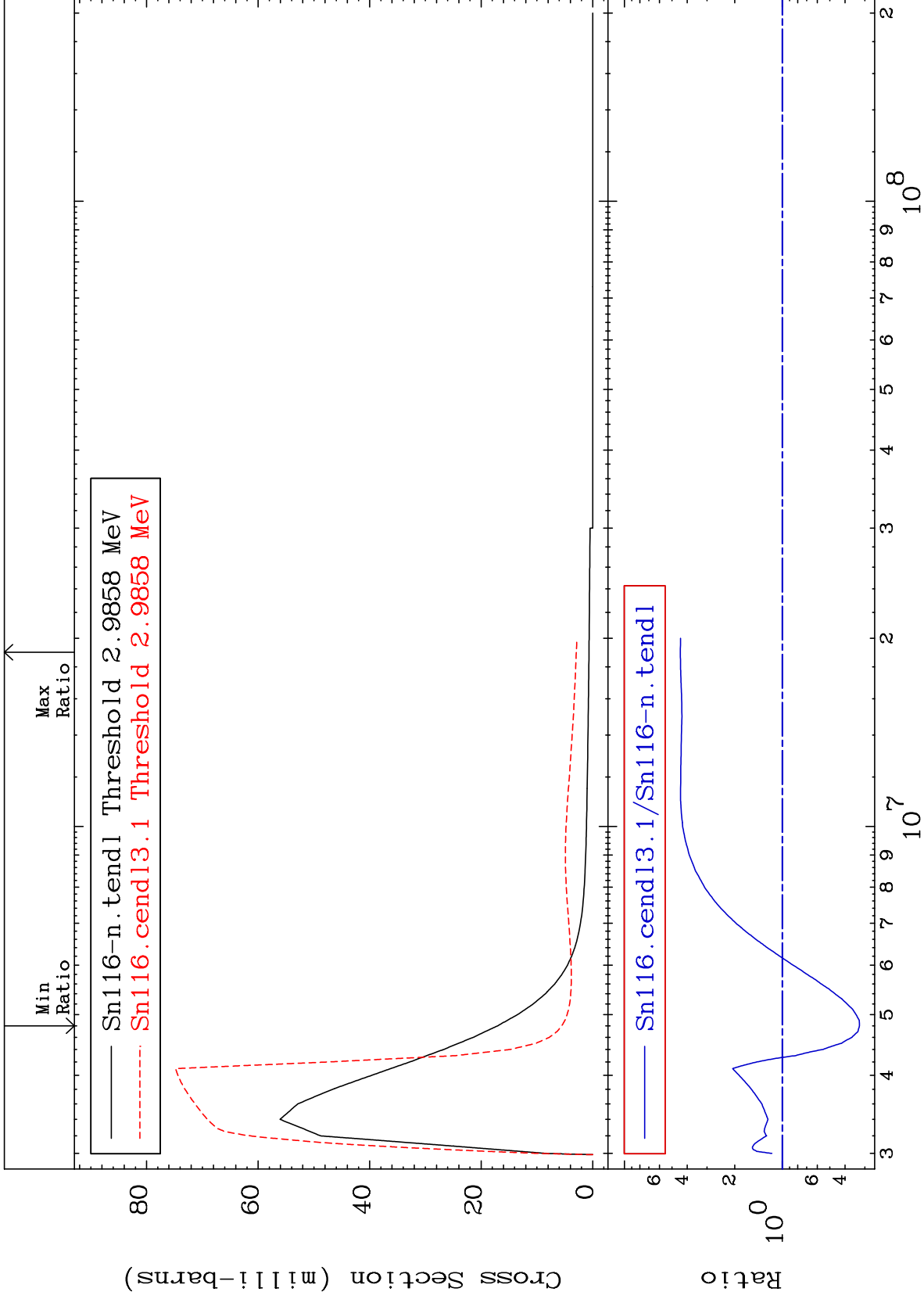
Incident Energy (eV)

50-Sn-116

MAT 5037

2.960 MeV (n,n') Level
Cross Section

50-Sn-116
-67.54 To 342.5 %



25

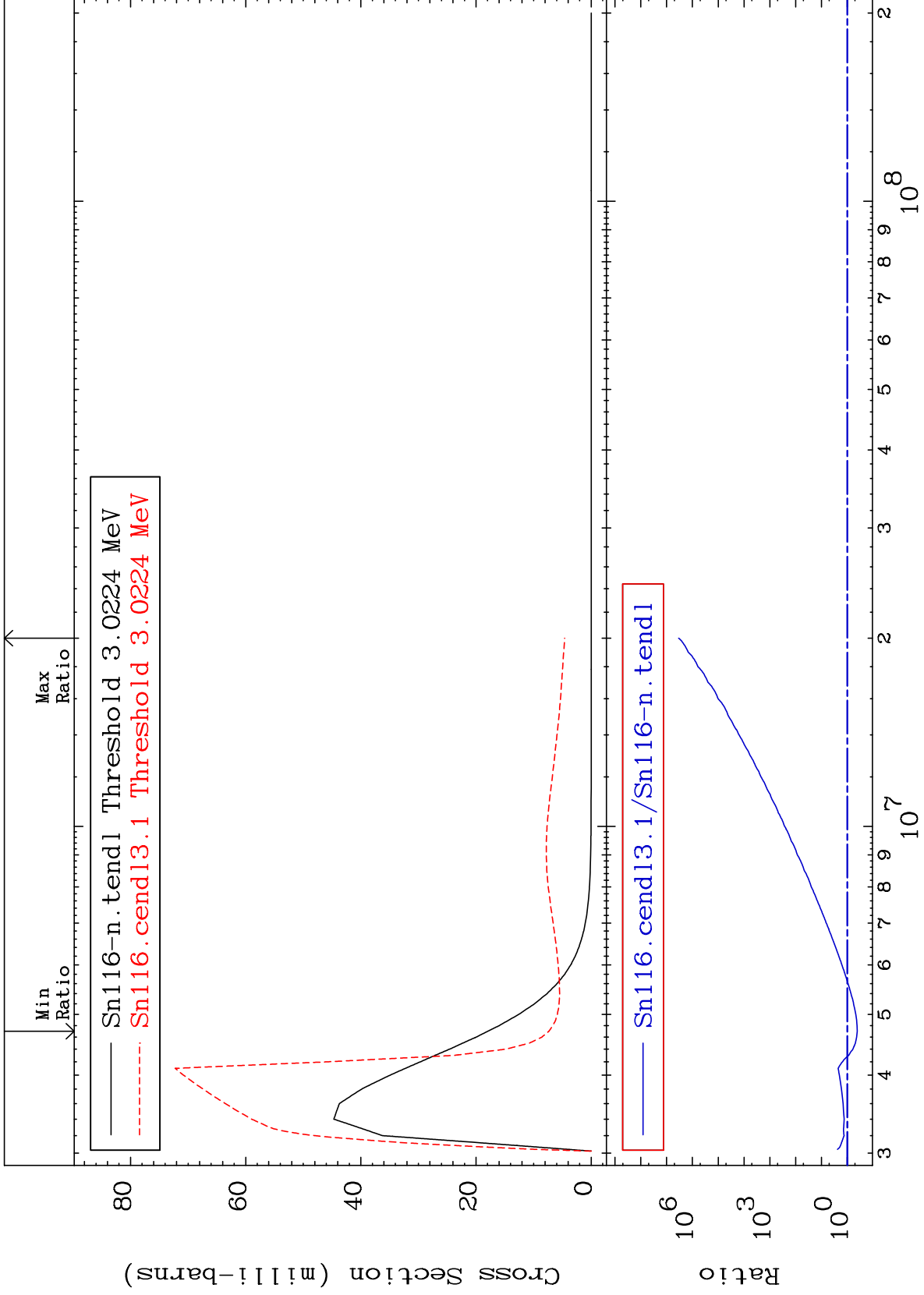
Incident Energy (eV)

50-Sn-116

MAT 5037

2.996 MeV (n,n') Level
Cross Section

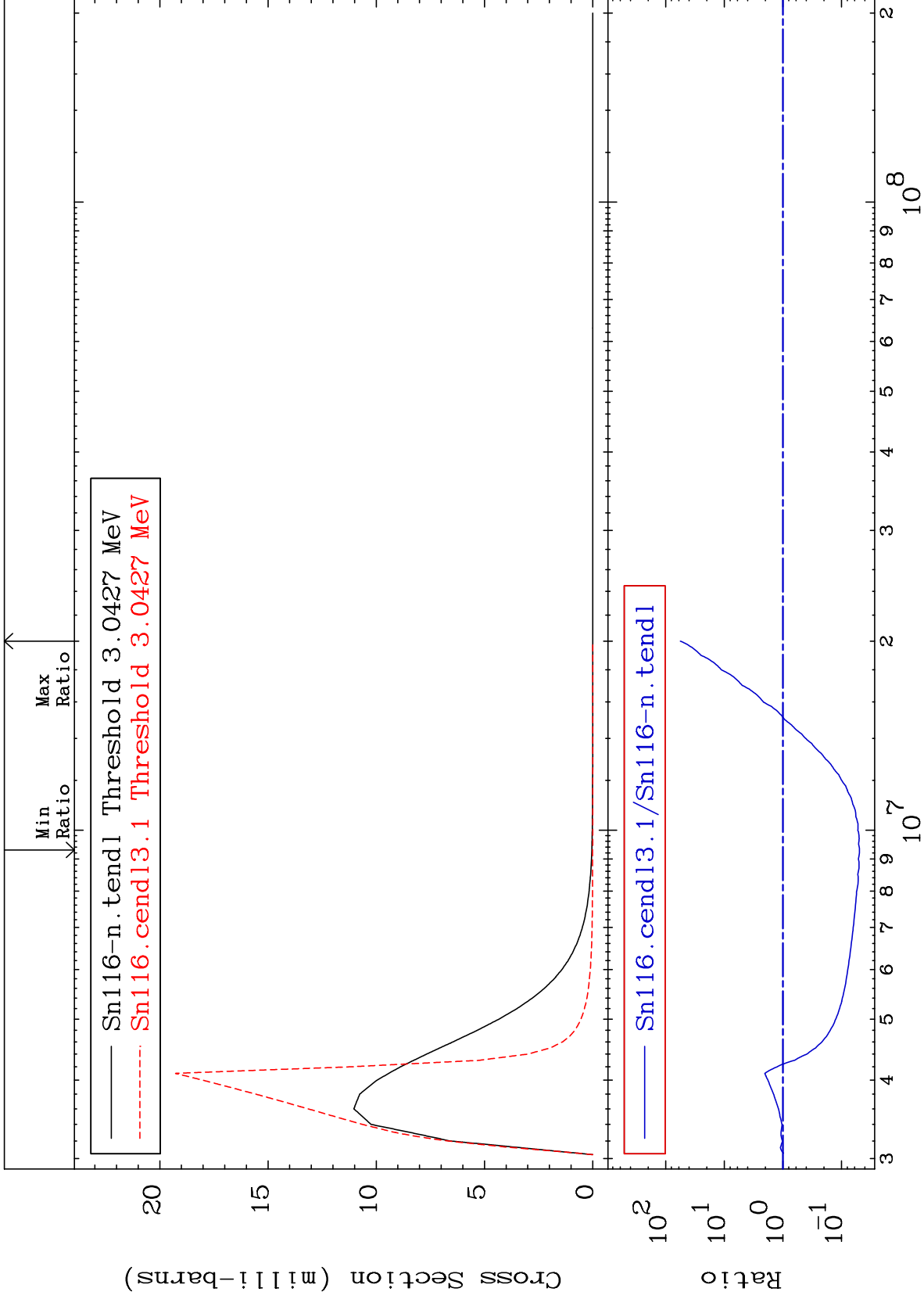
50-Sn-116
-59.08 To 9999. %



MAT 5037

3.016 MeV (n,n') Level
Cross Section

50-Sn-116
-95.04 To 5536. %



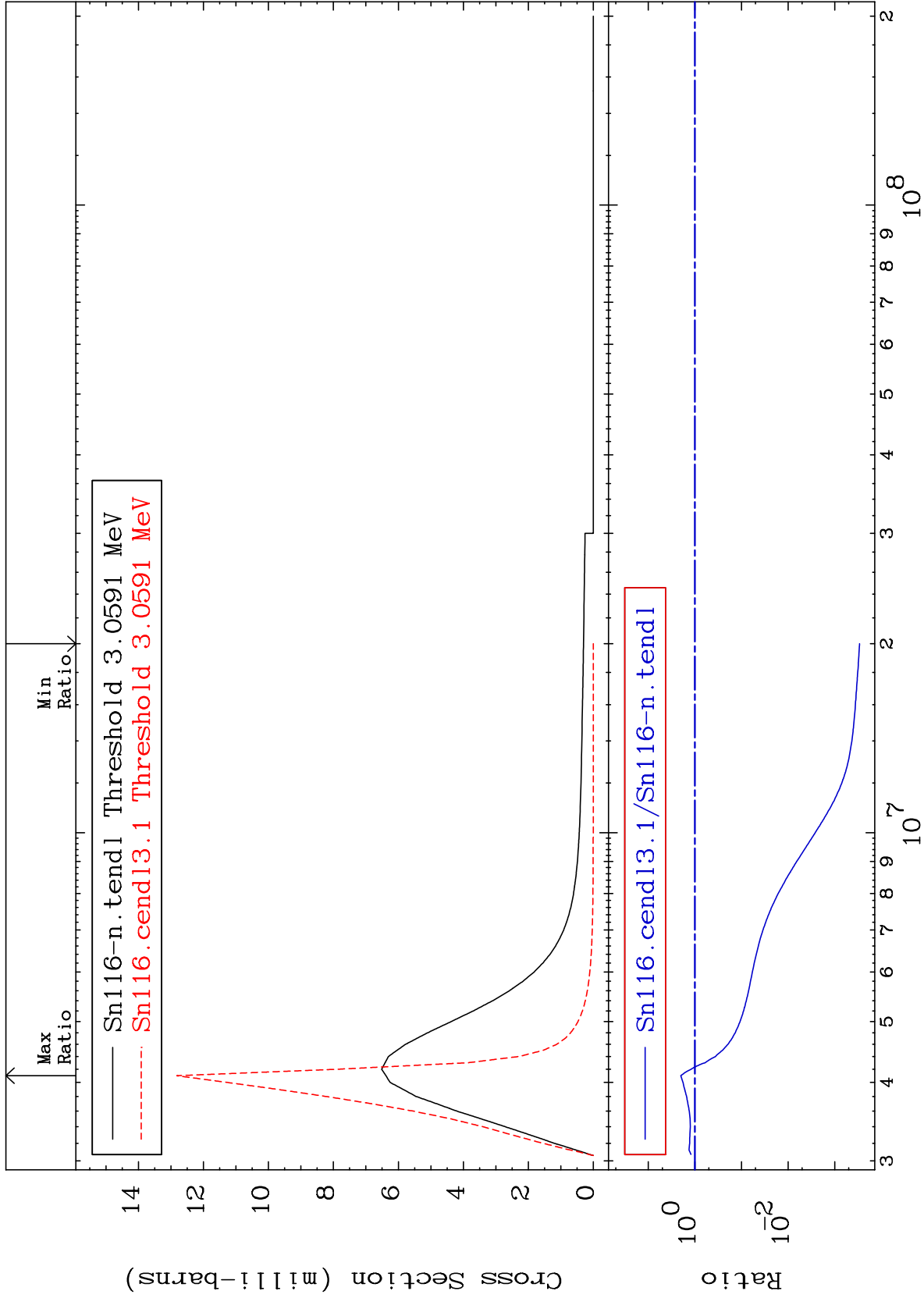
MAT 5037

3.033 MeV (n,n') Level

50-Sn-116

-99.97 To 100.9 %

Cross Section



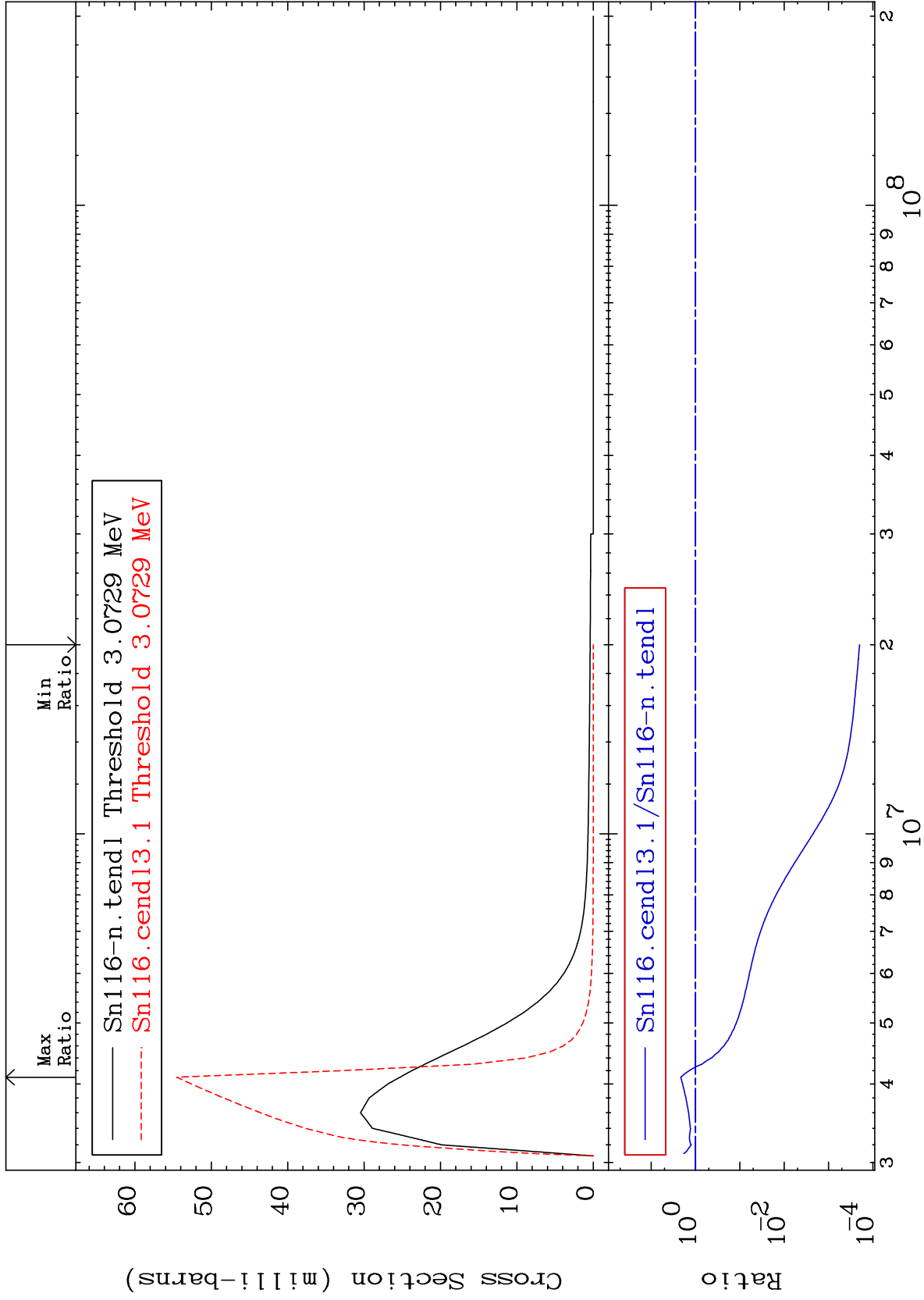
MAT 5037

3.046 MeV (n,n') Level

50-Sn-116

-99.98 To 115.4 %

Cross Section



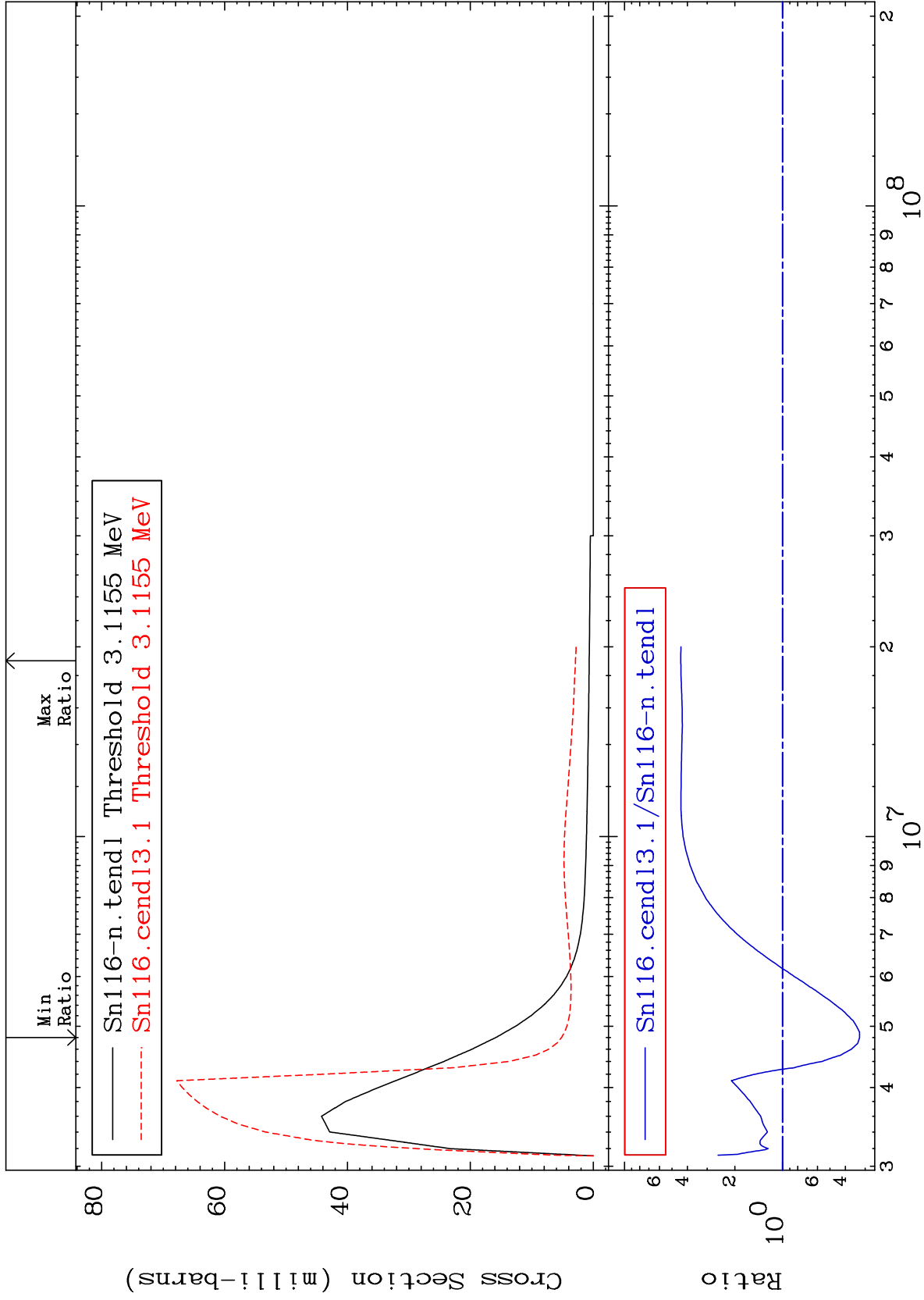
MAT 5037

3.089 MeV (n,n') Level

50-Sn-116

-67.47 To 340.2 %

Cross Section



30

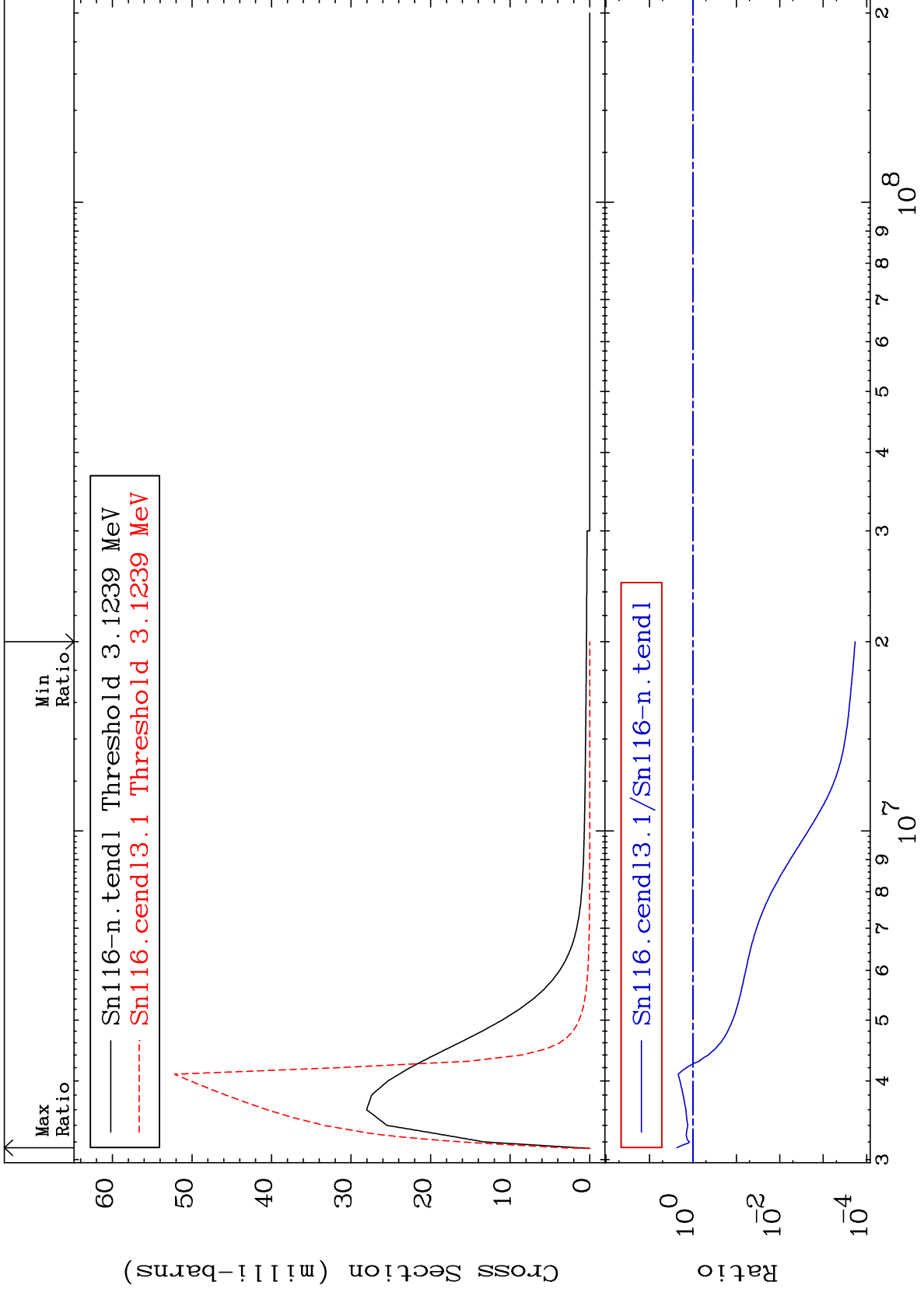
Incident Energy (eV)

50-Sn-116

MAT 5037

3.097 MeV (n,n') Level
Cross Section

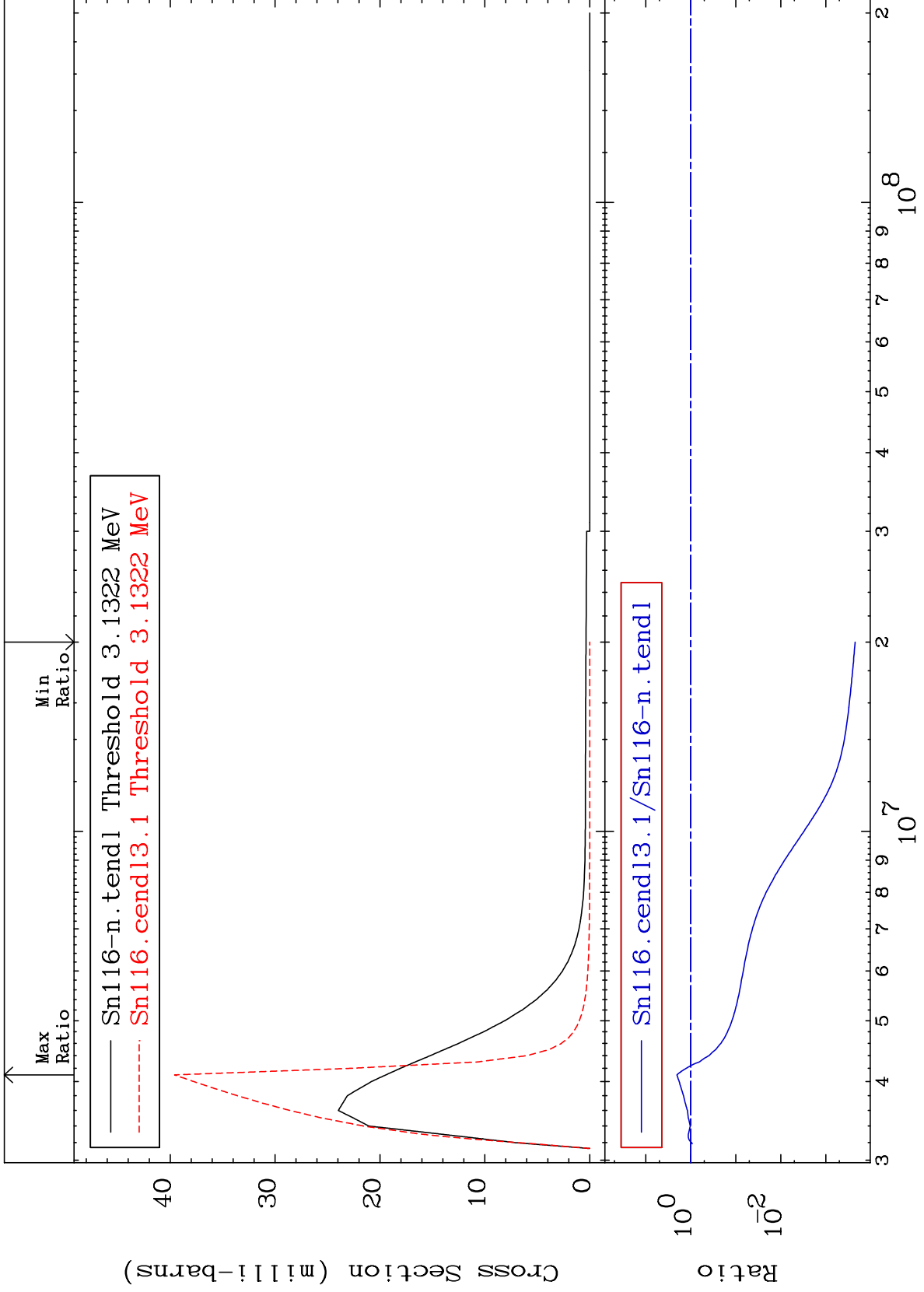
50-Sn-116
-99.98 To 132.7 %



MAT 5037

3.105 MeV (n,n') Level
Cross Section

50-Sn-116
-99.98 To 103.6 %



32

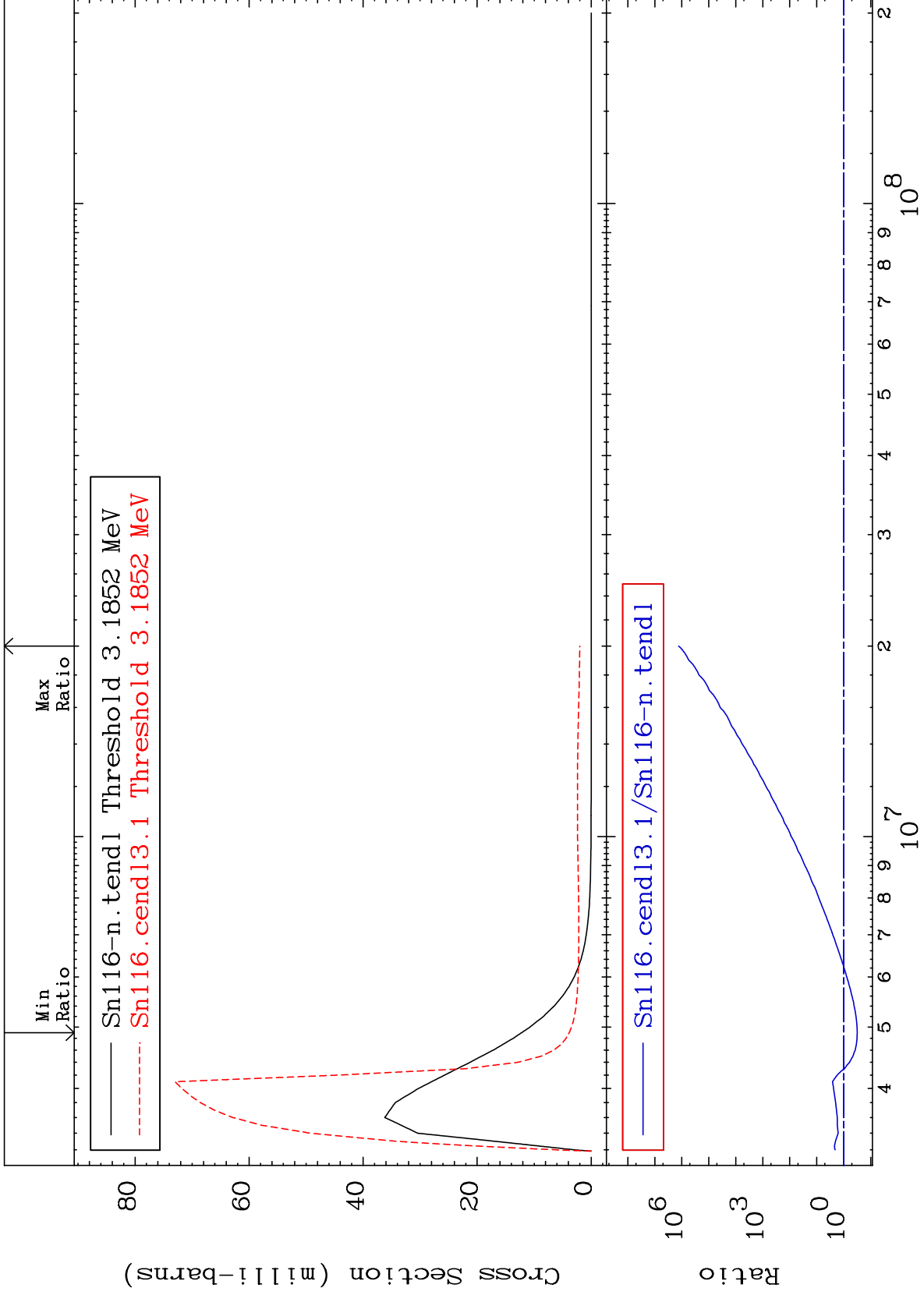
Incident Energy (eV)

50-Sn-116

MAT 5037

3.158 MeV (n,n') Level
Cross Section

50-Sn-116
-68.44 To 9999. %



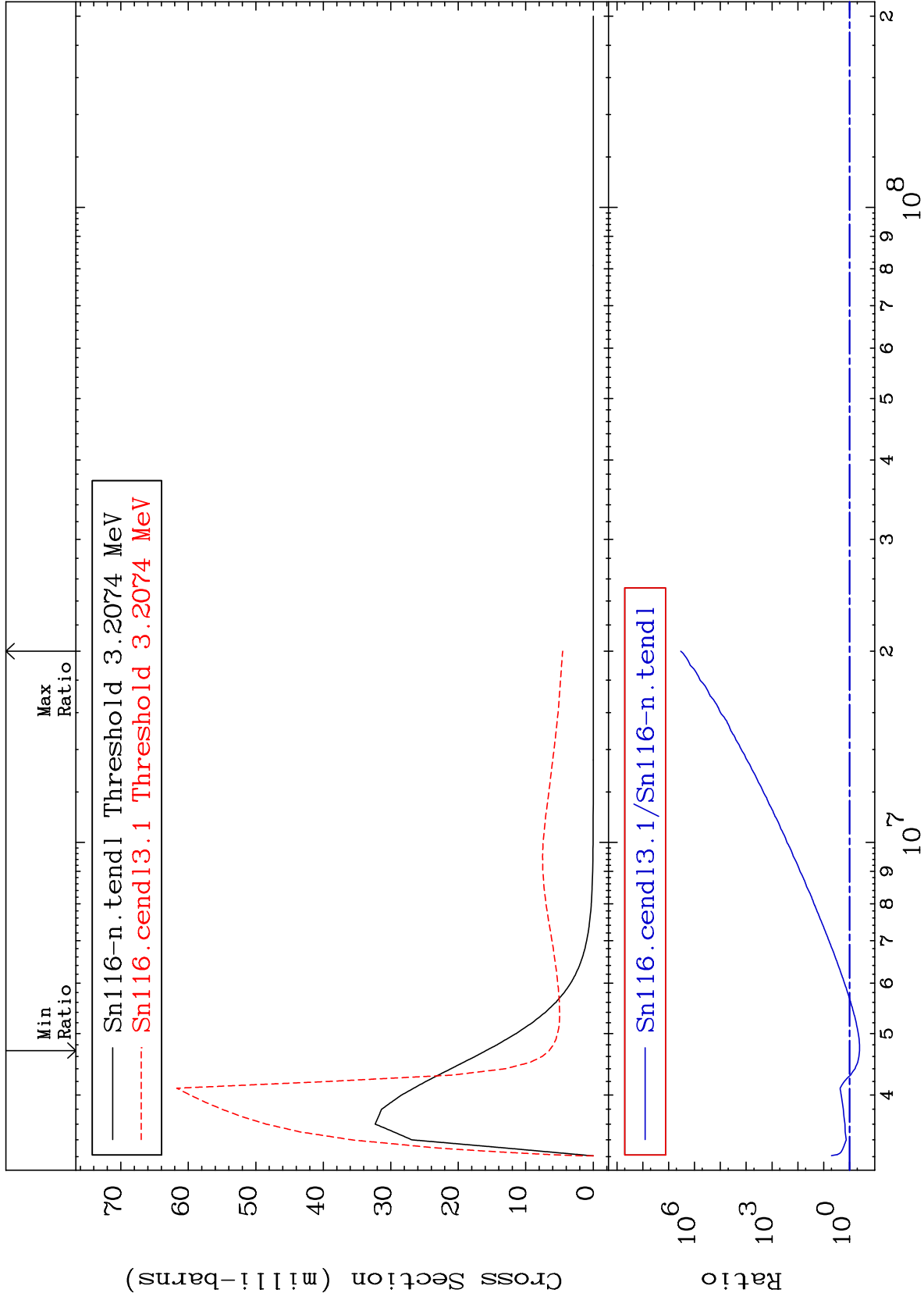
MAT 5037

3.180 MeV (n,n') Level

50-Sn-116

-58.88 To 9999. %

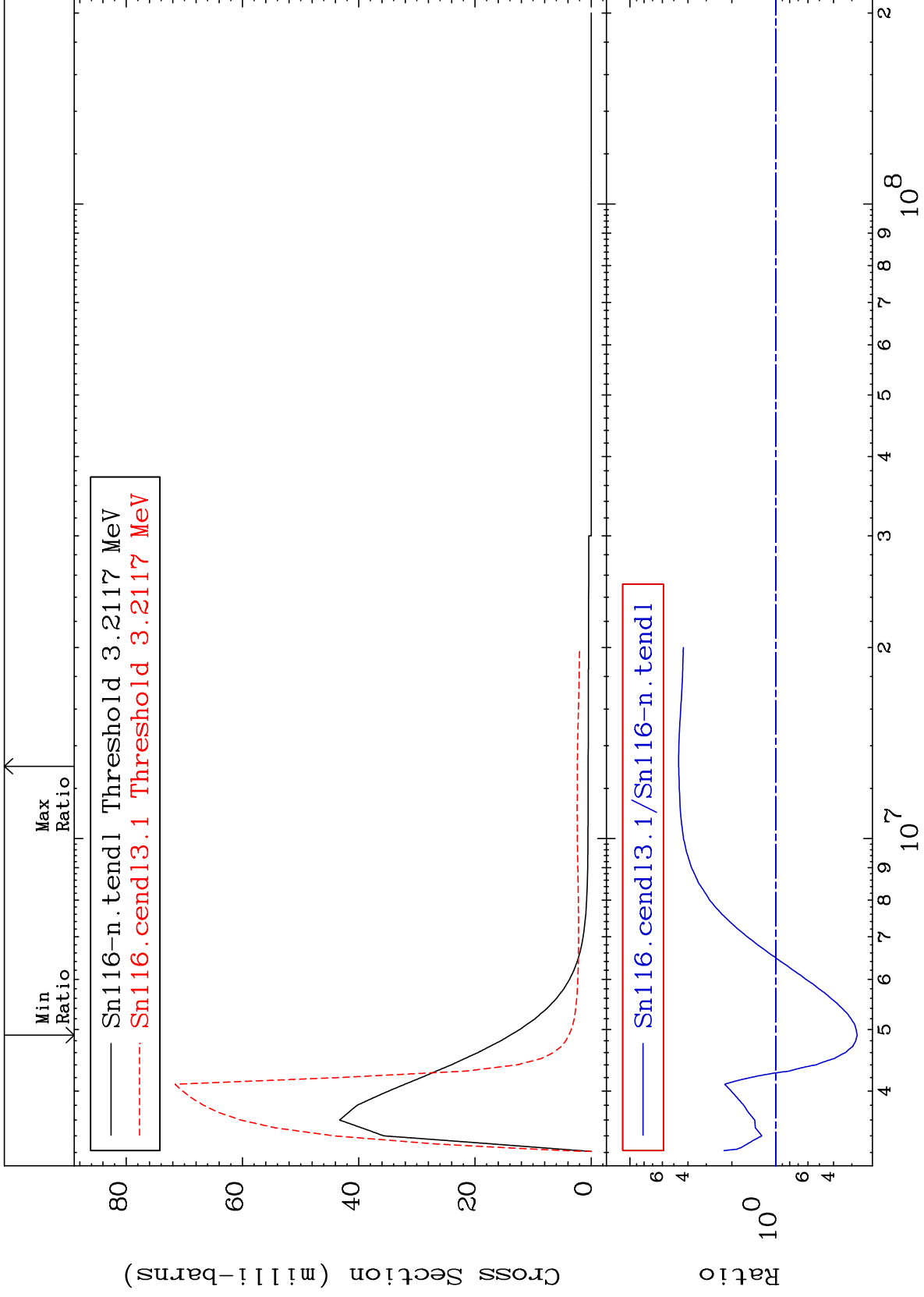
Cross Section

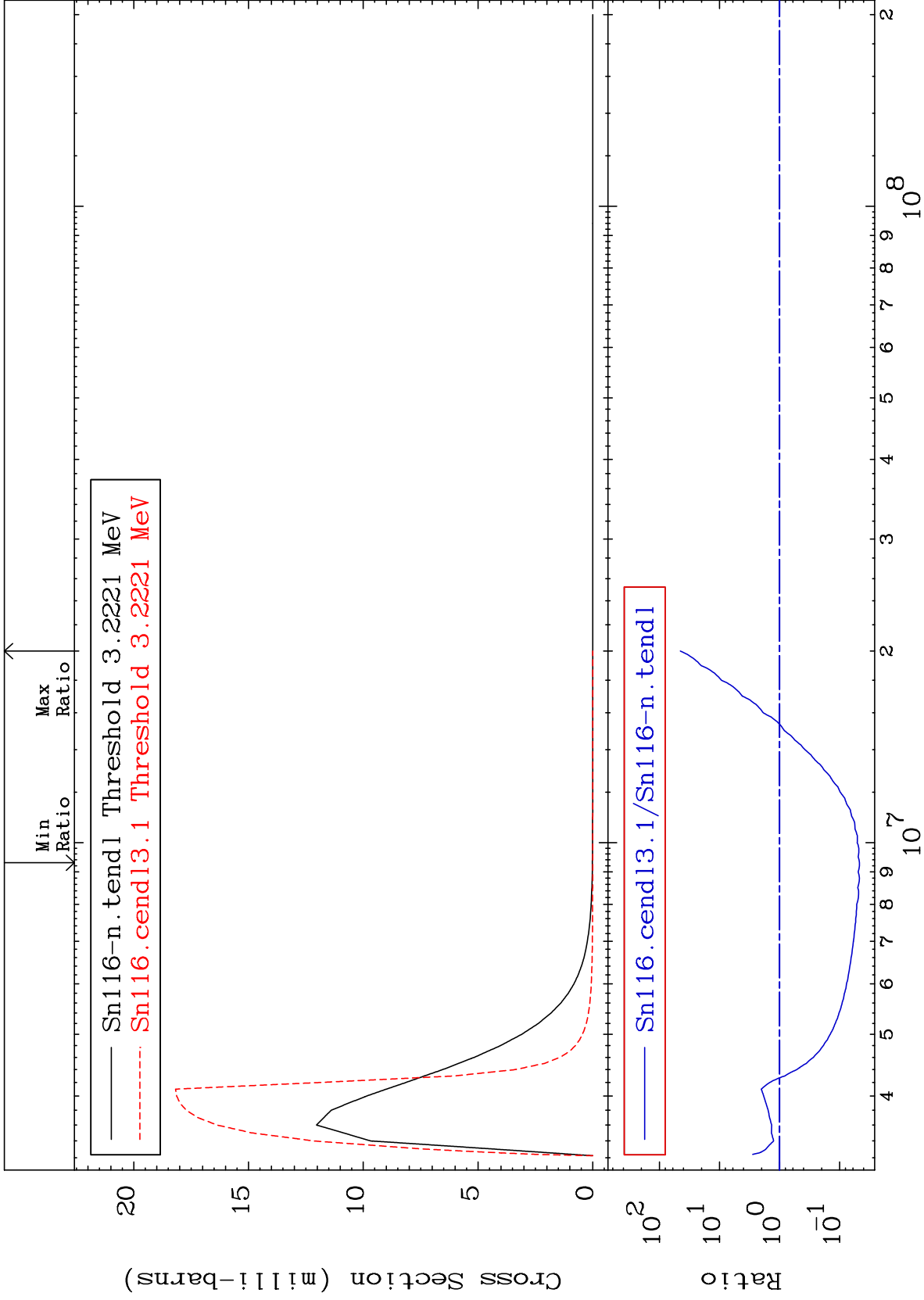


MAT 5037

3.184 MeV (n,n') Level
Cross Section

50-Sn-116
-72.49 To 363.5 %

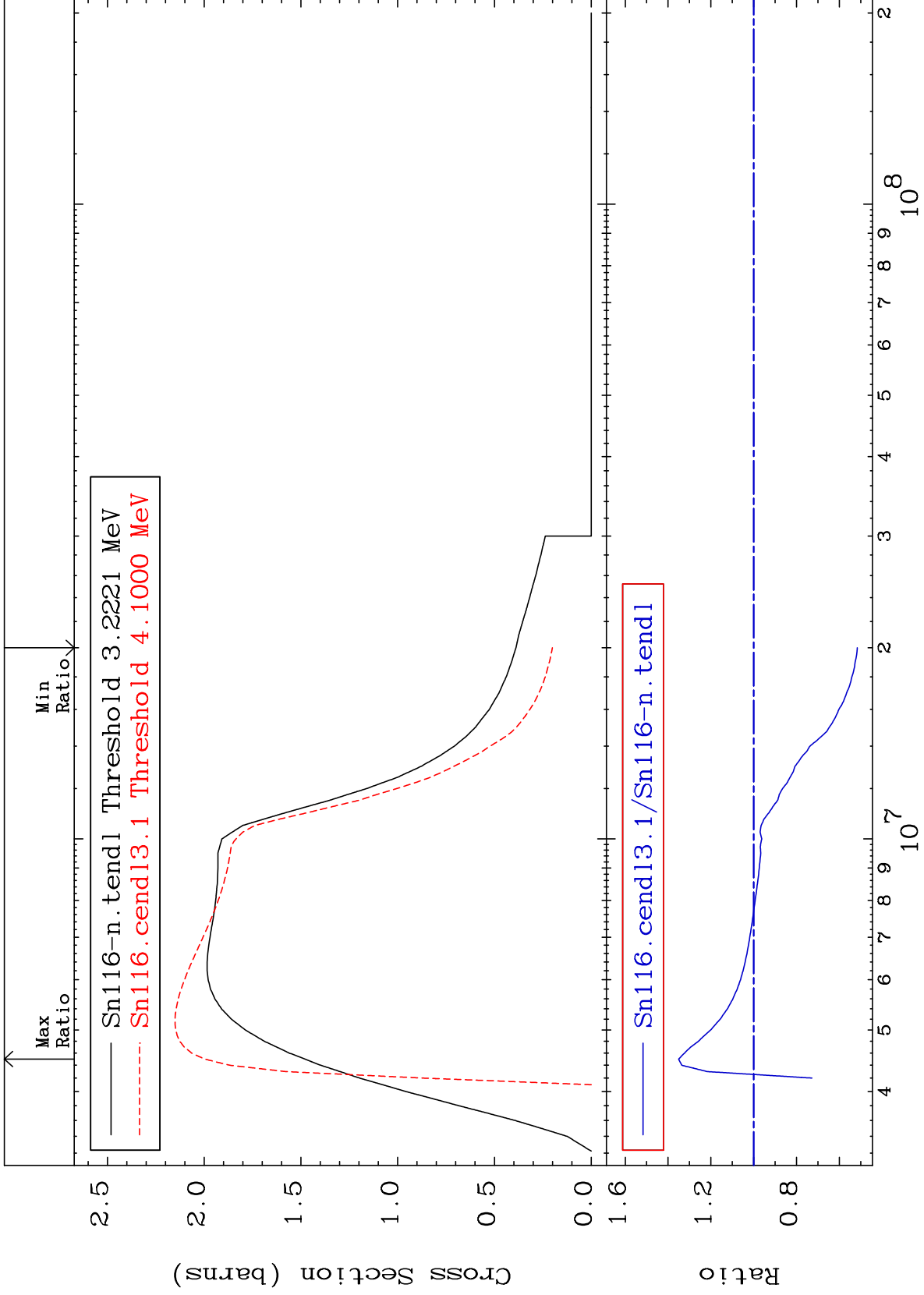




MAT 5037

(n, n') Continuum
Cross Section

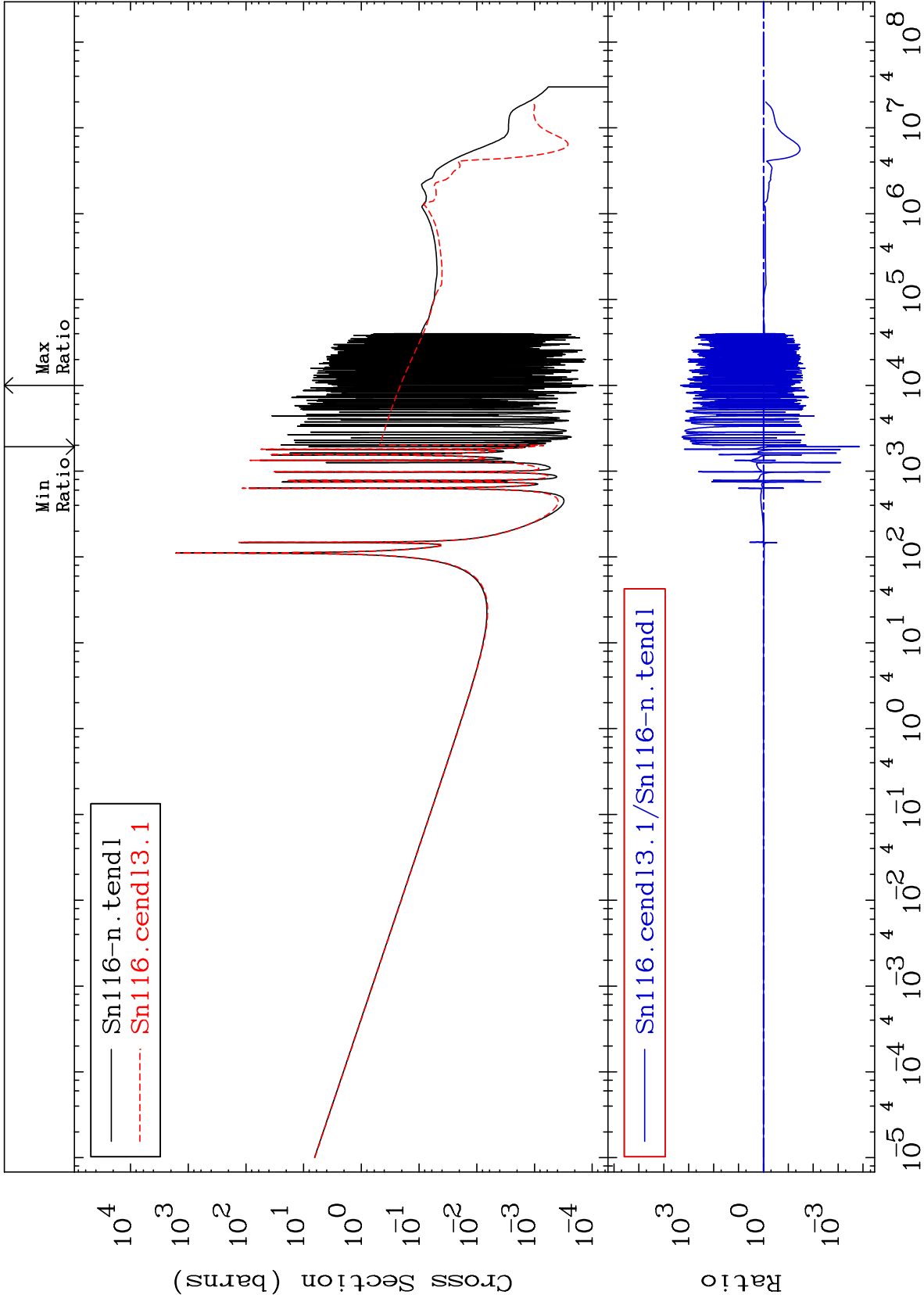
50-Sn-116
-48.37 To 35.07 %



MAT 5037

(n, γ)
Cross Section

50-Sn-116
-99.99 To 9999. %



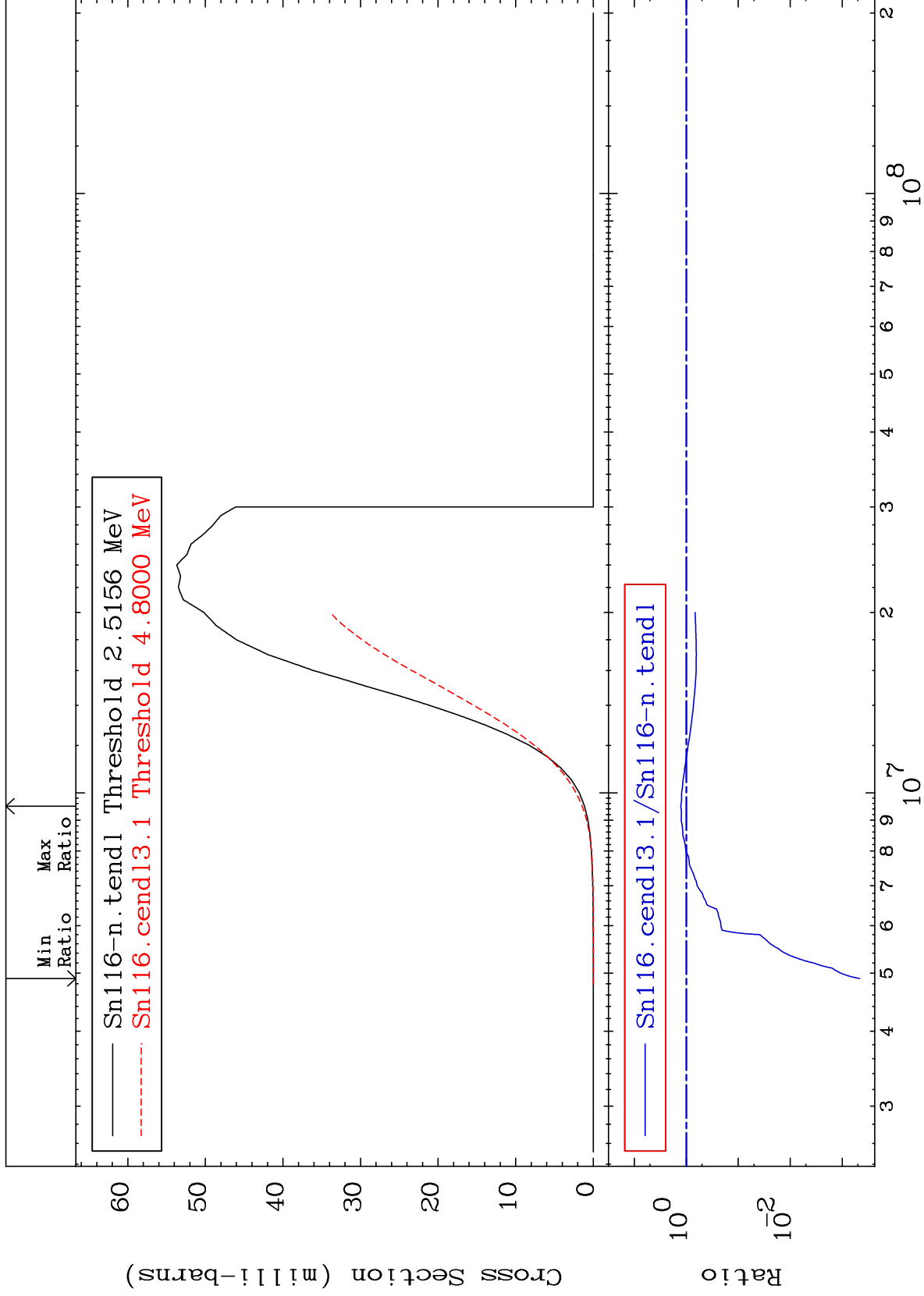
MAT 5037

(n,p)

50-Sn-116

Cross Section

-99.95 To 27.66 %



39

Incident Energy (eV)

50-Sn-116

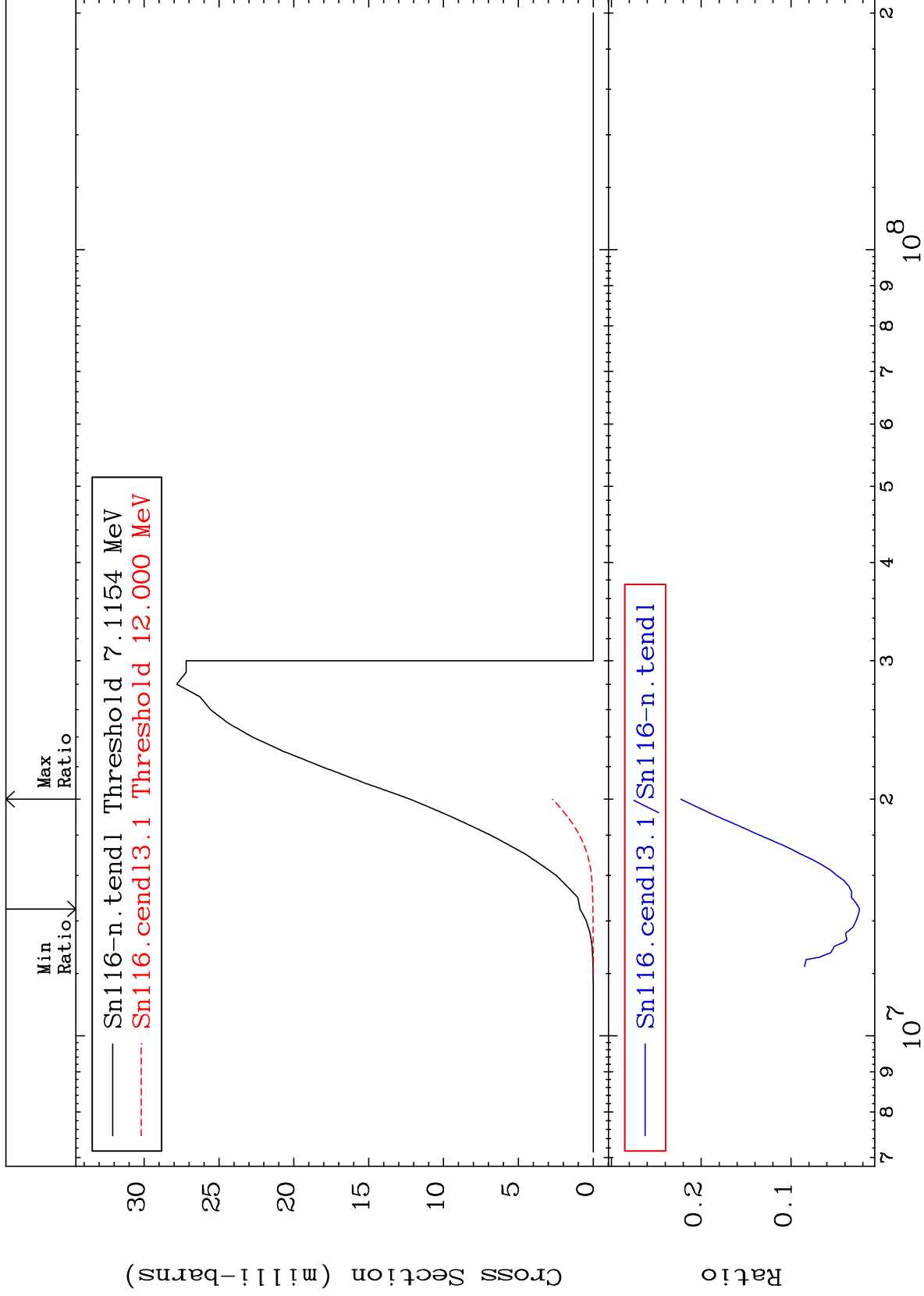
MAT 5037

(n, d)

50-Sn-116

Cross Section

-97.63 To -77.73%



40

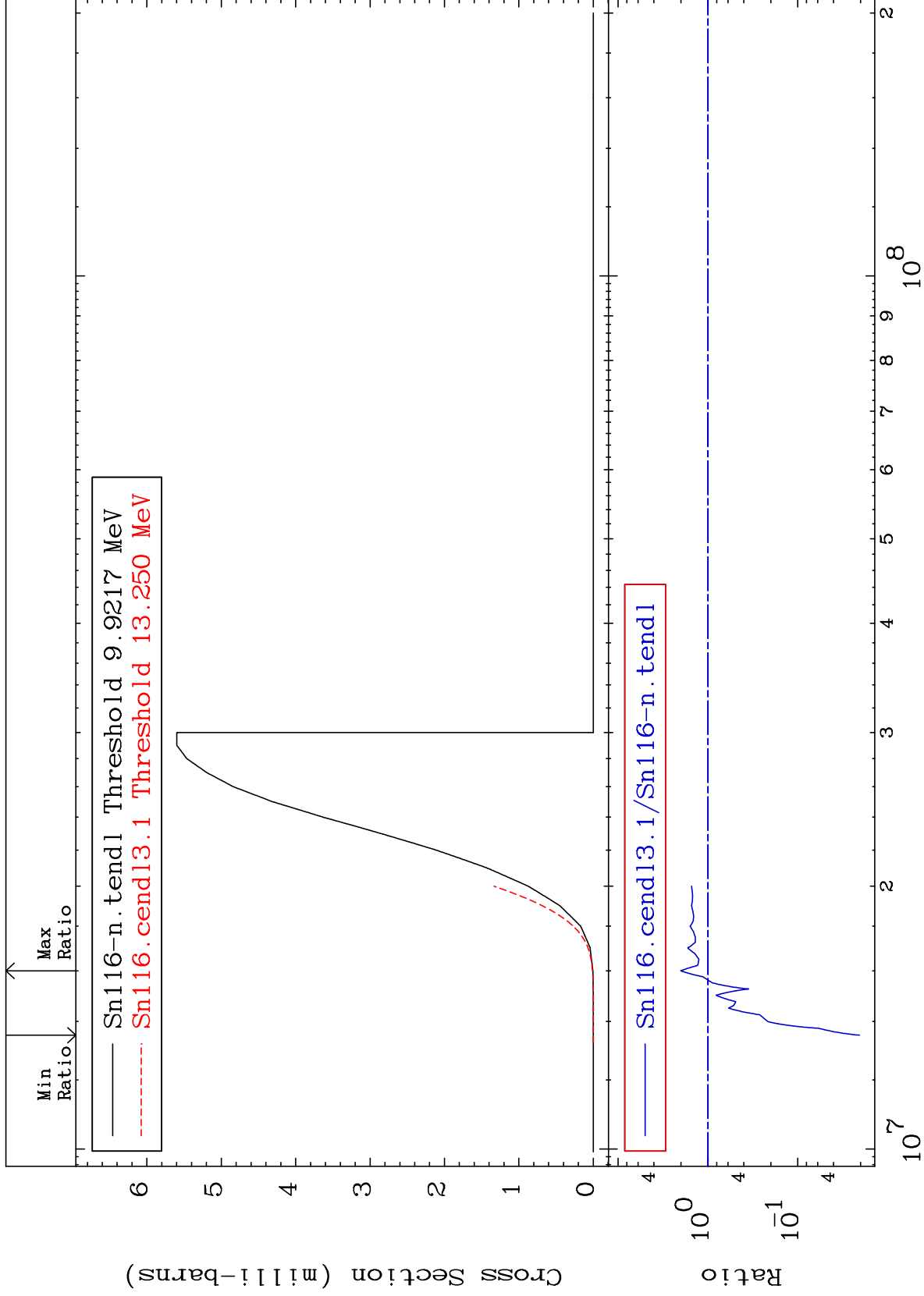
Incident Energy (eV)

50-Sn-116

MAT 5037

(n, t)
Cross Section

50-Sn-116
-97.95 To 100.9 %



41

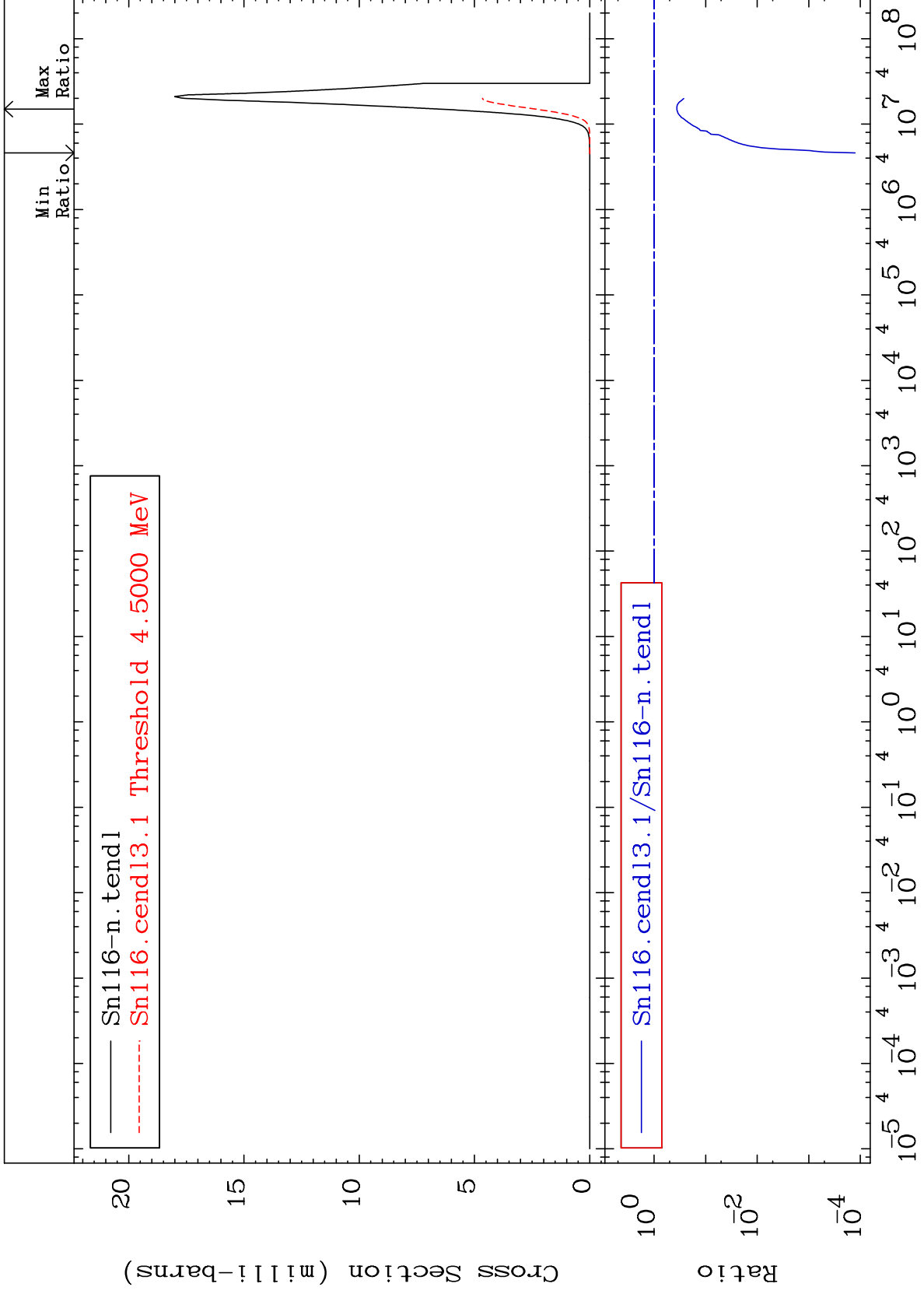
Incident Energy (eV)

50-Sn-116

MAT 5037

(n, α)
Cross Section

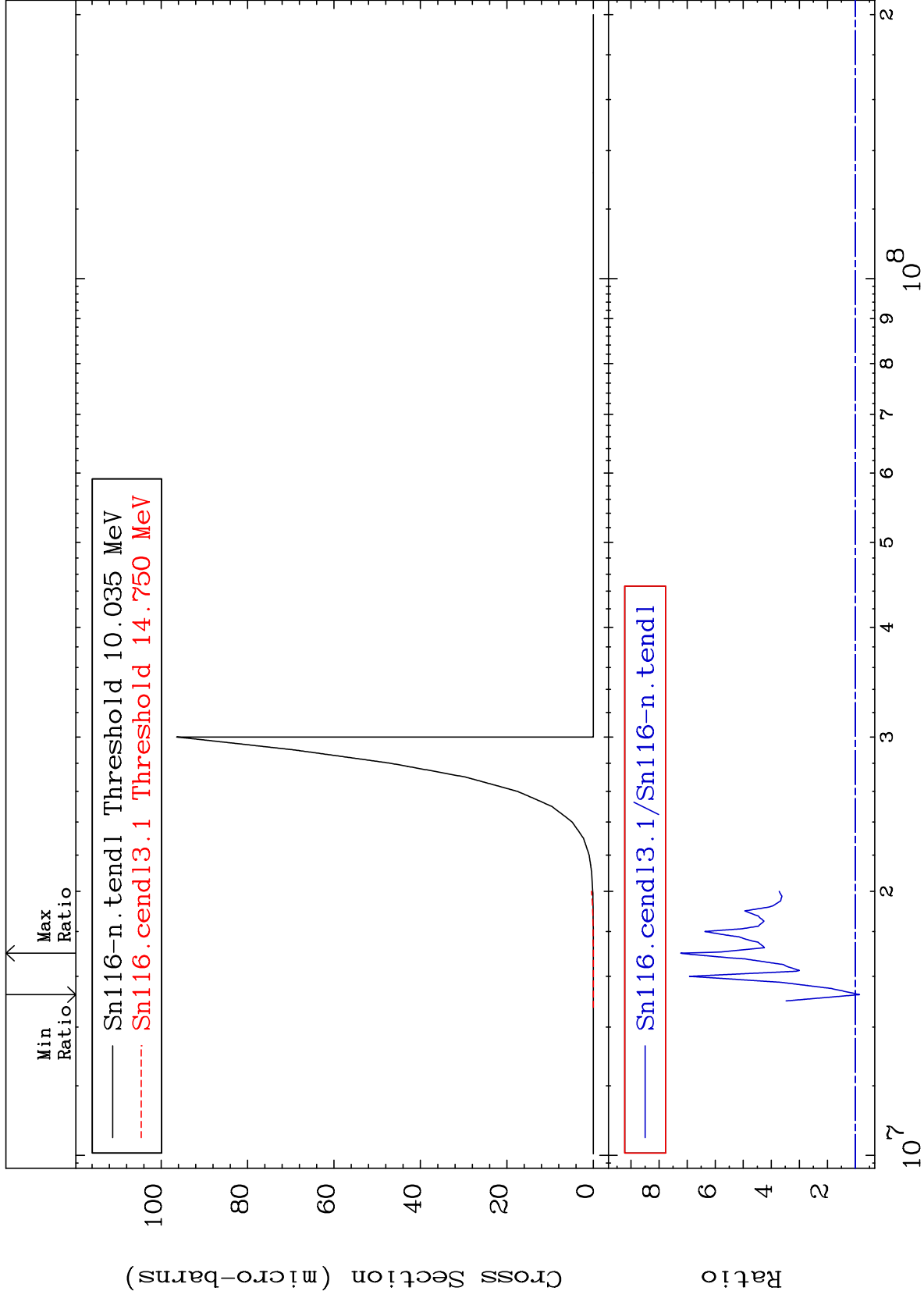
50-Sn-116
-99.99 To -63.96%



MAT 5037

(n,2p)
Cross Section

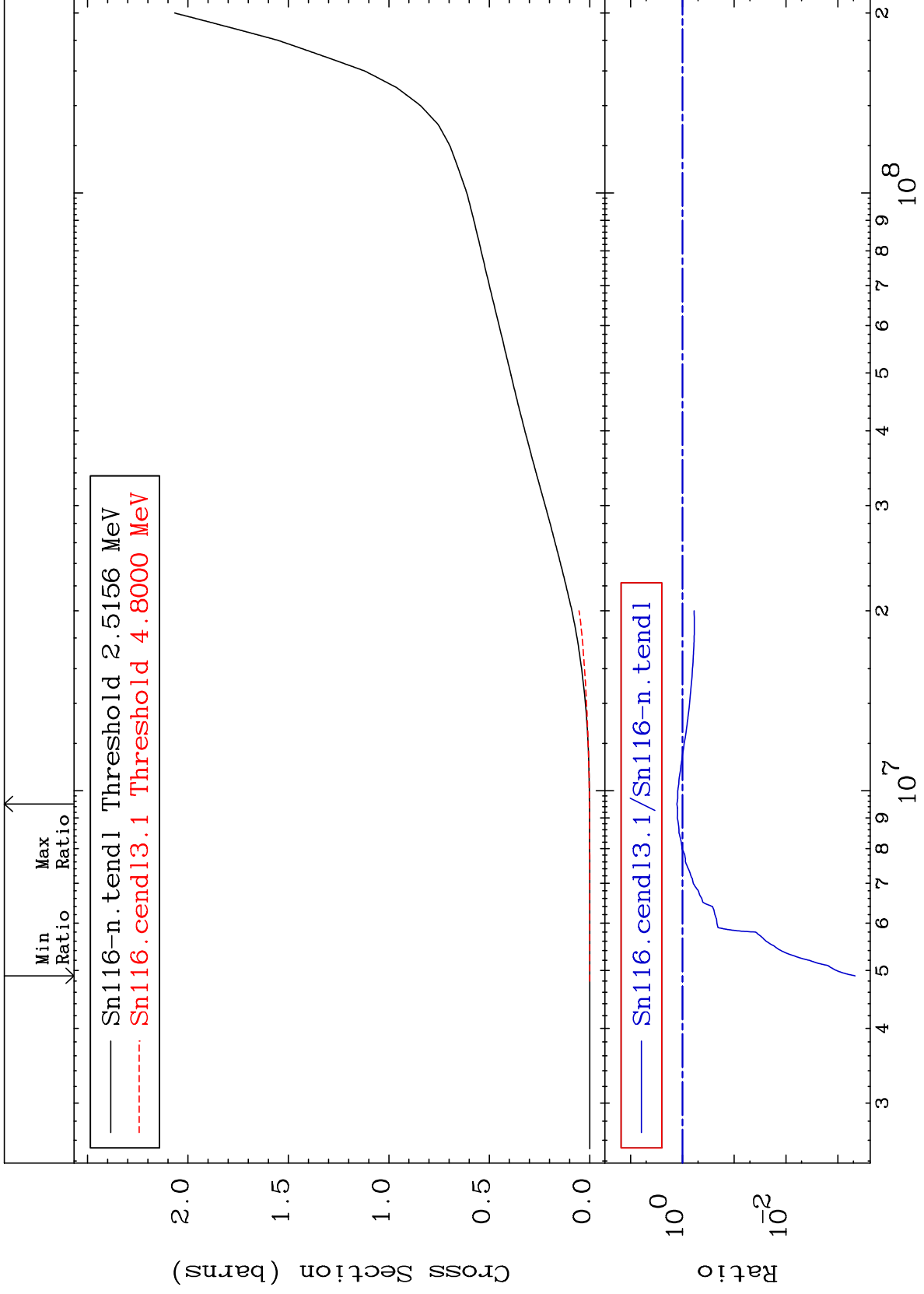
50-Sn-116
-14.62 To 622.7 %



43

50-Sn-116

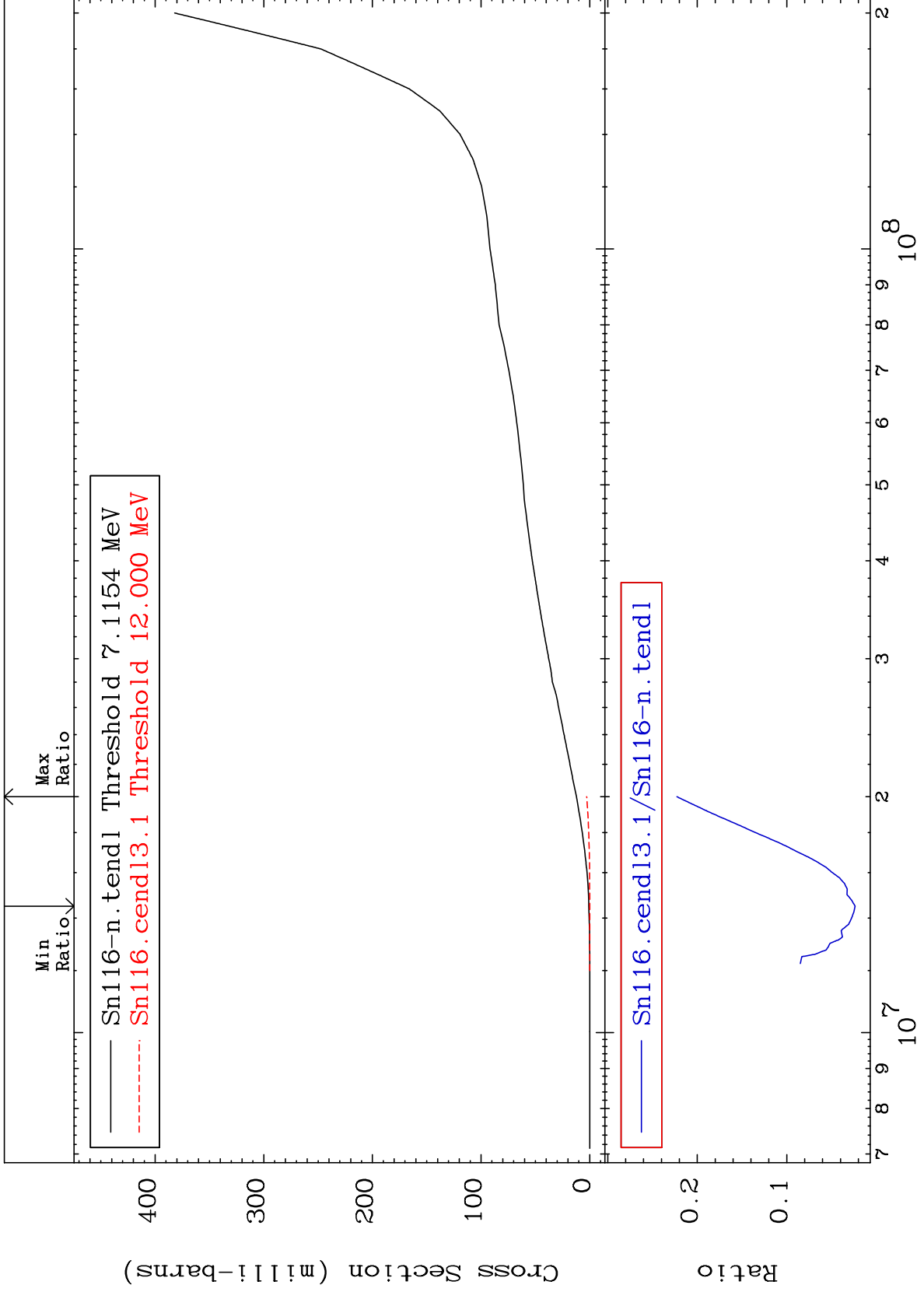
50-Sn-116



MAT 5037

Deuterium Production
Cross Section

50-Sn-116
-97.63 To -77.73%



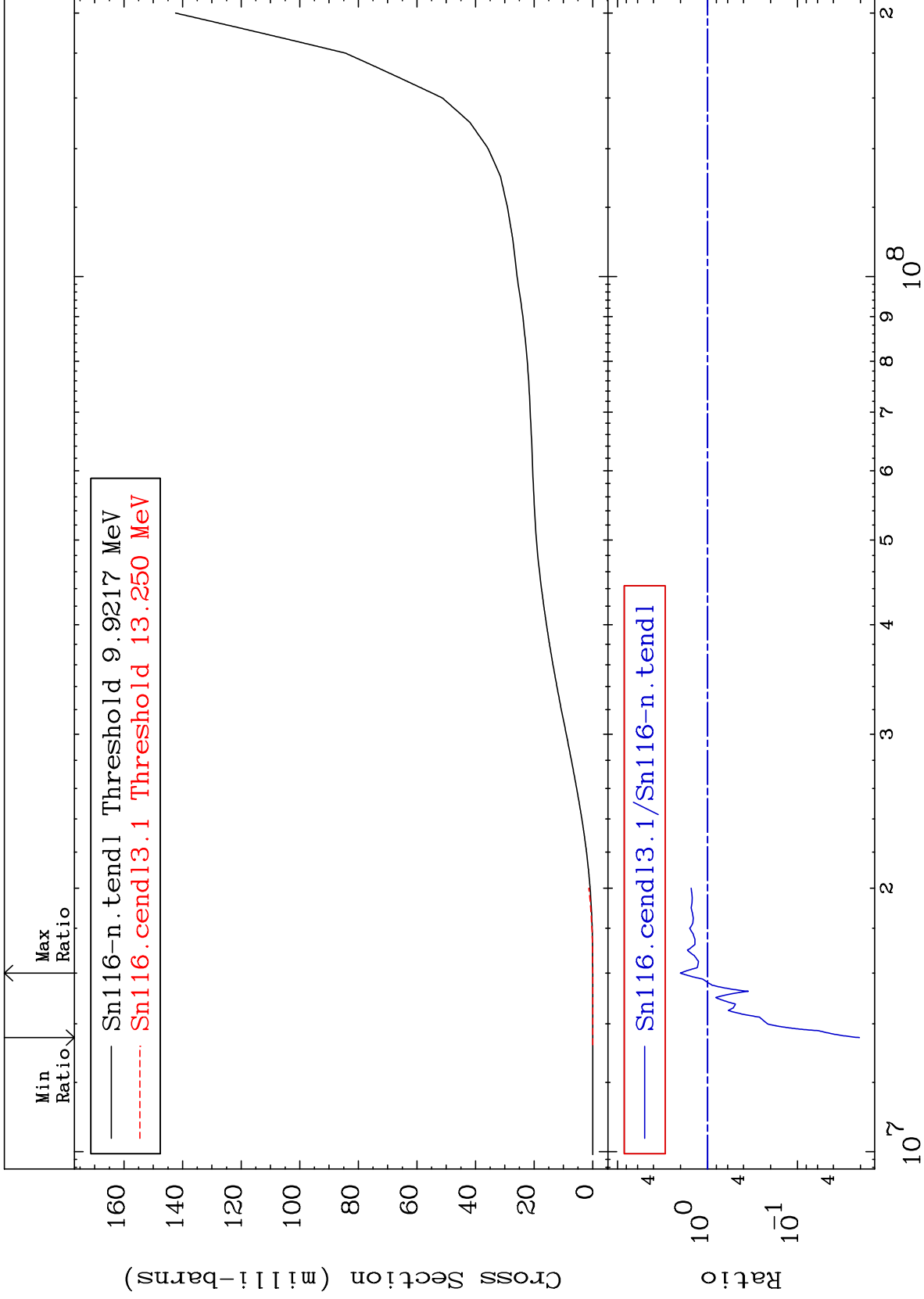
45

50-Sn-116

MAT 5037

Tritium Production
Cross Section

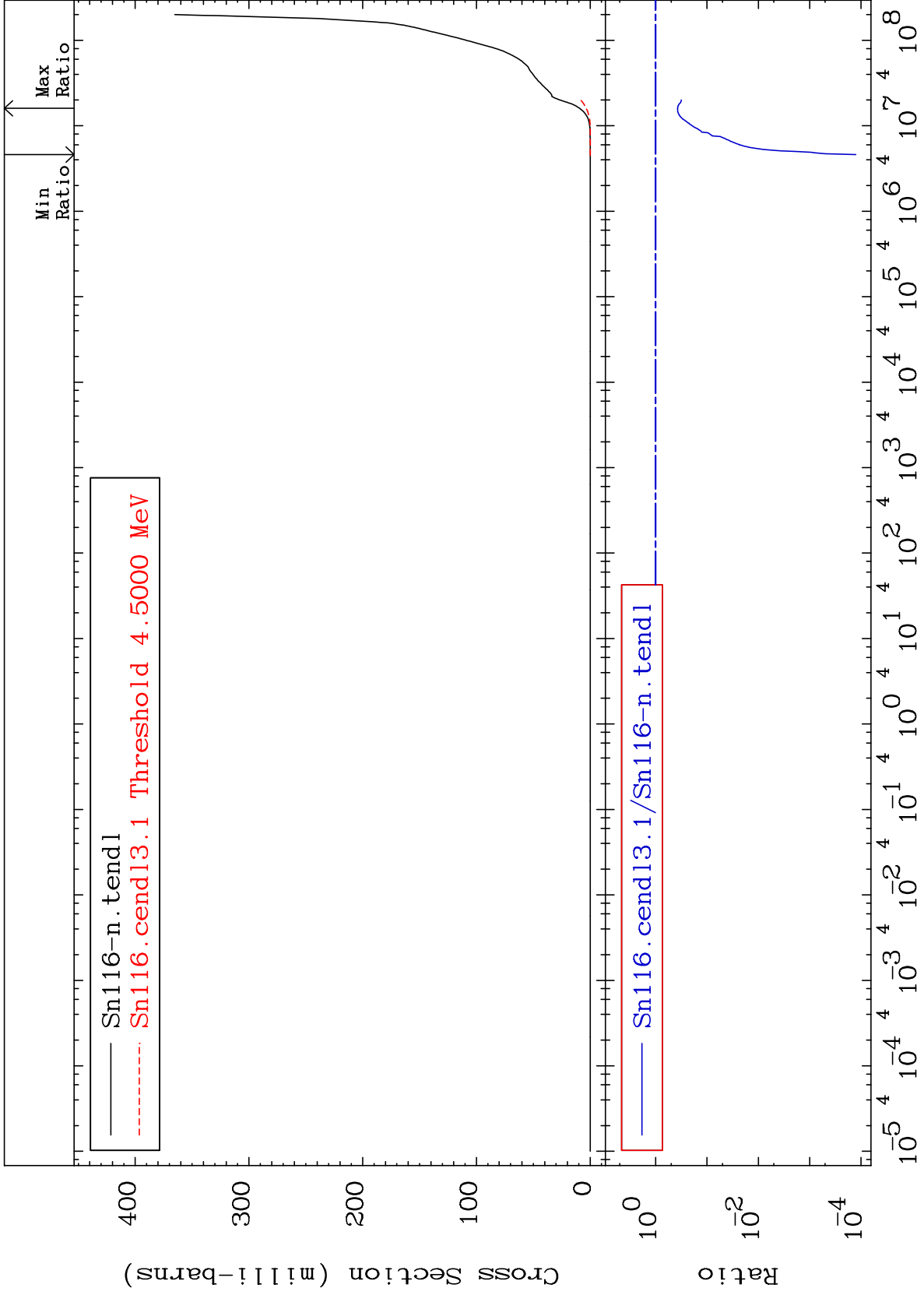
50-Sn-116
-97.95 To 100.9 %



46

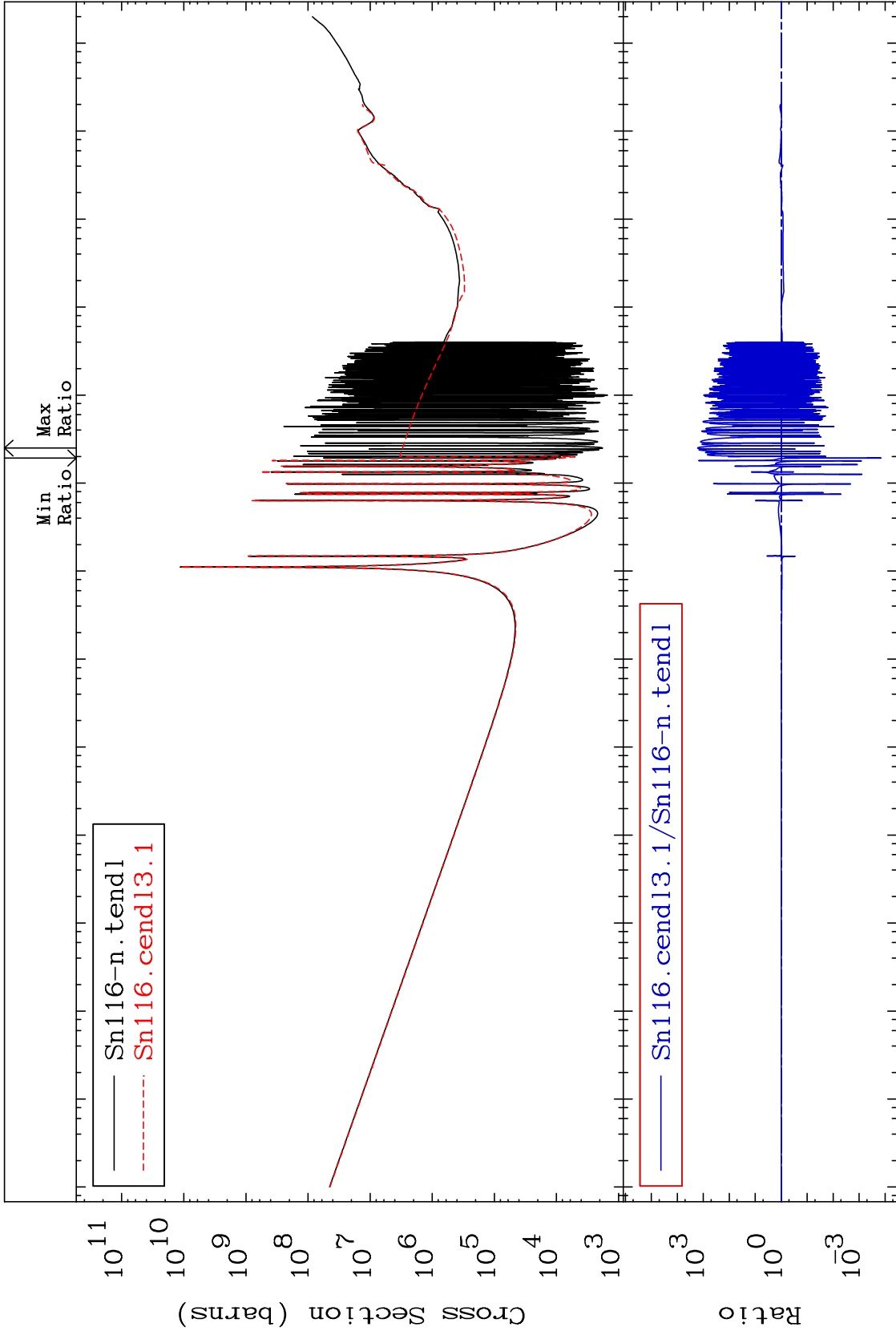
Incident Energy (eV)

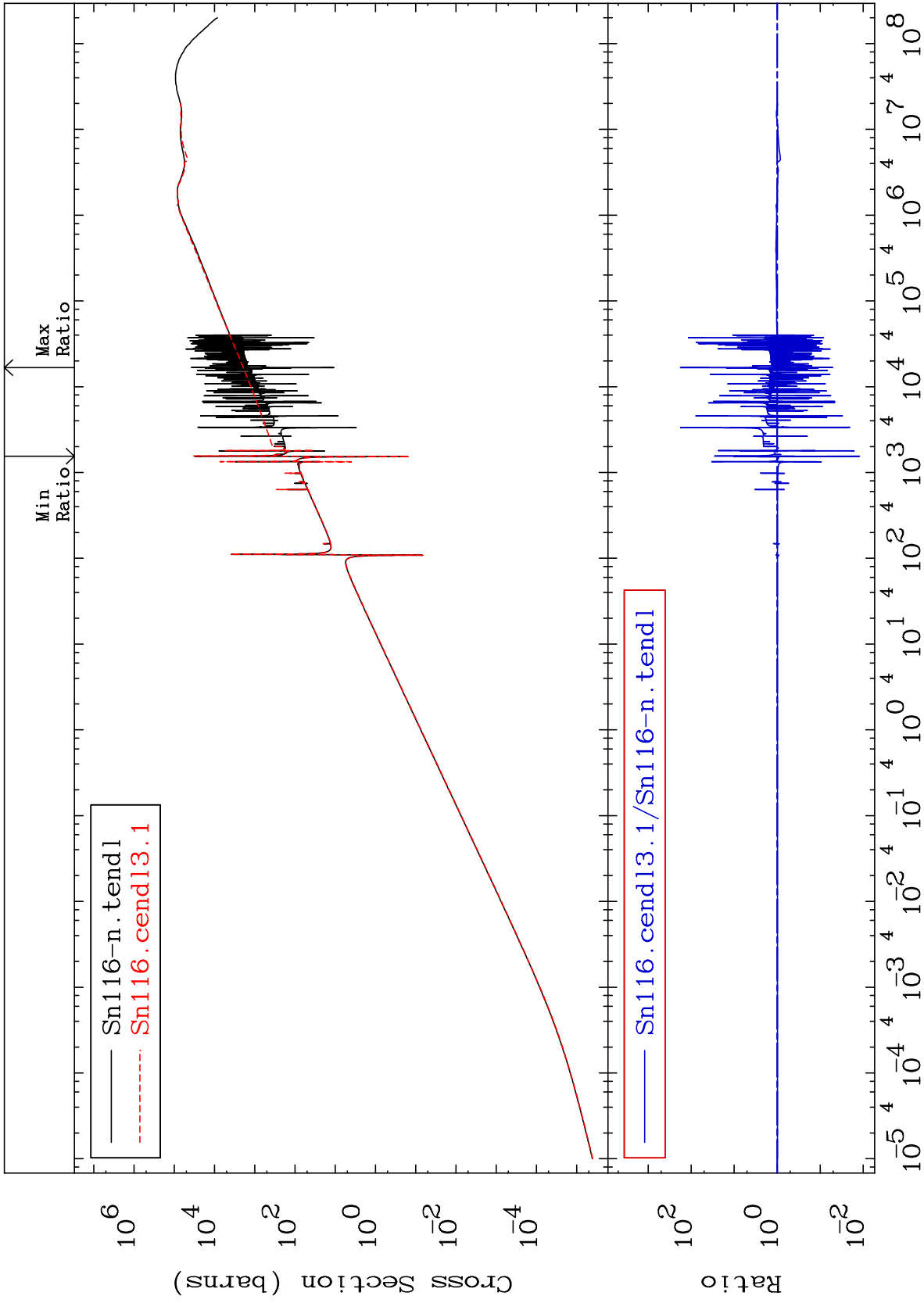
50-Sn-116

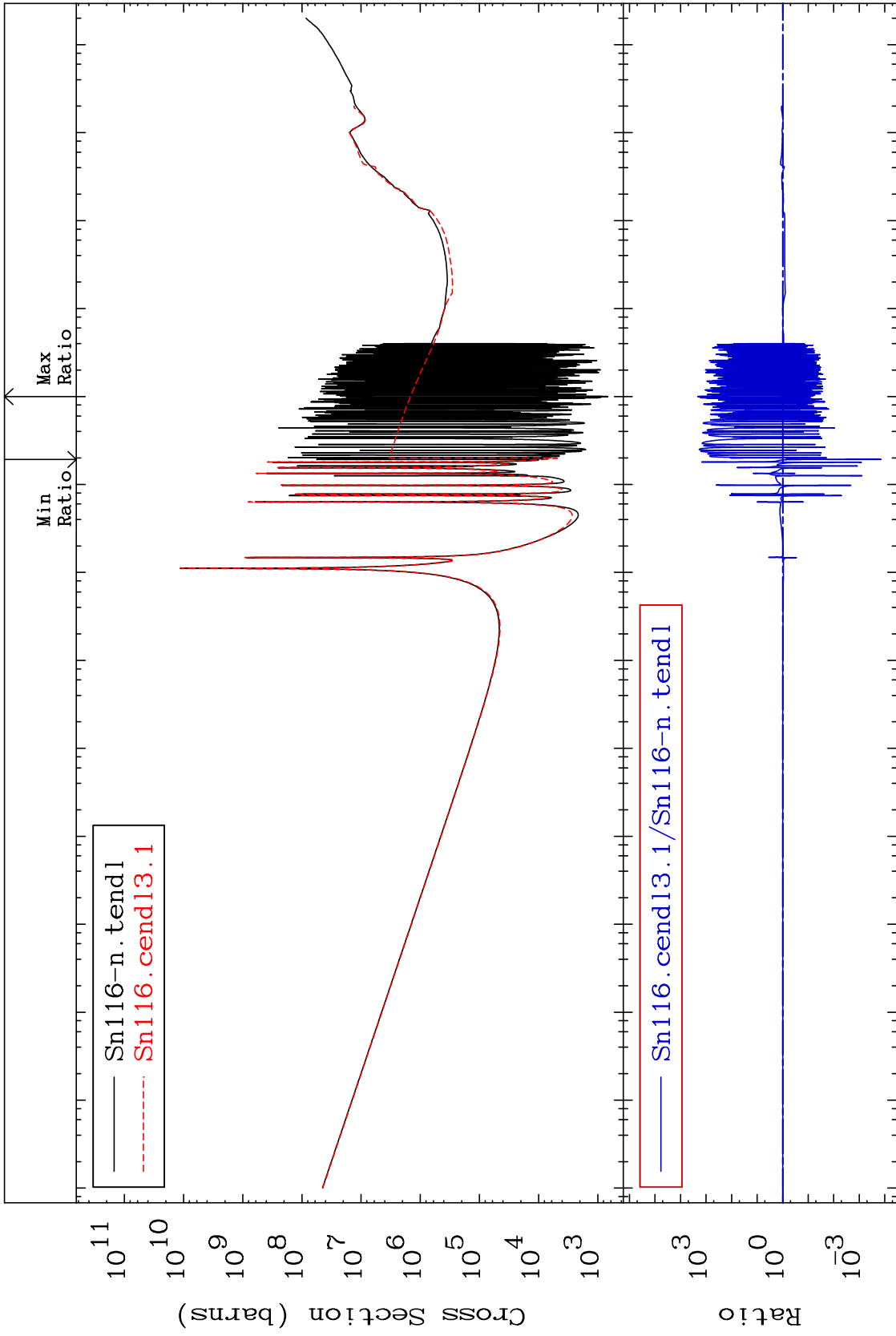


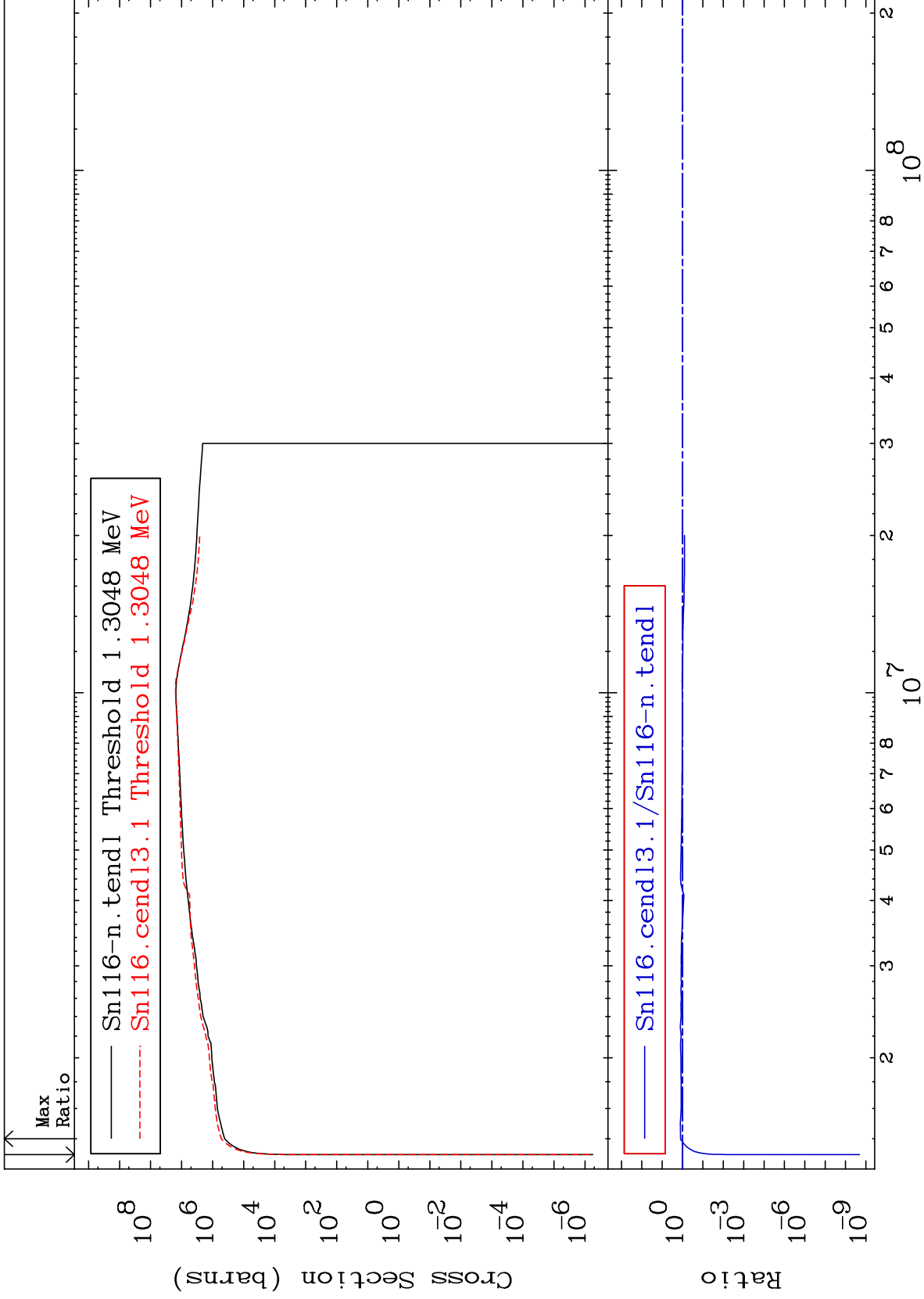
Cross Section

-99.99 To 9999. %





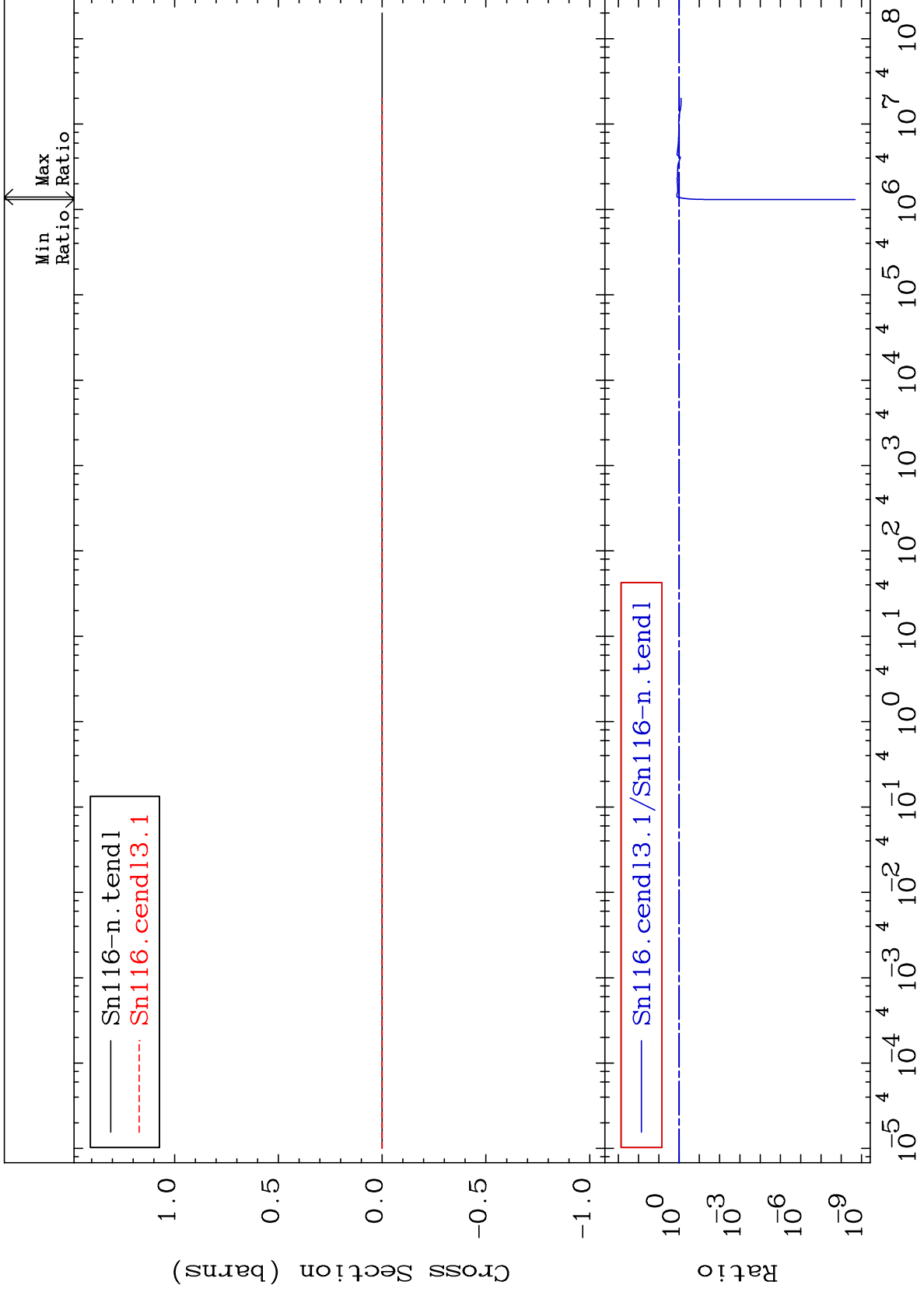


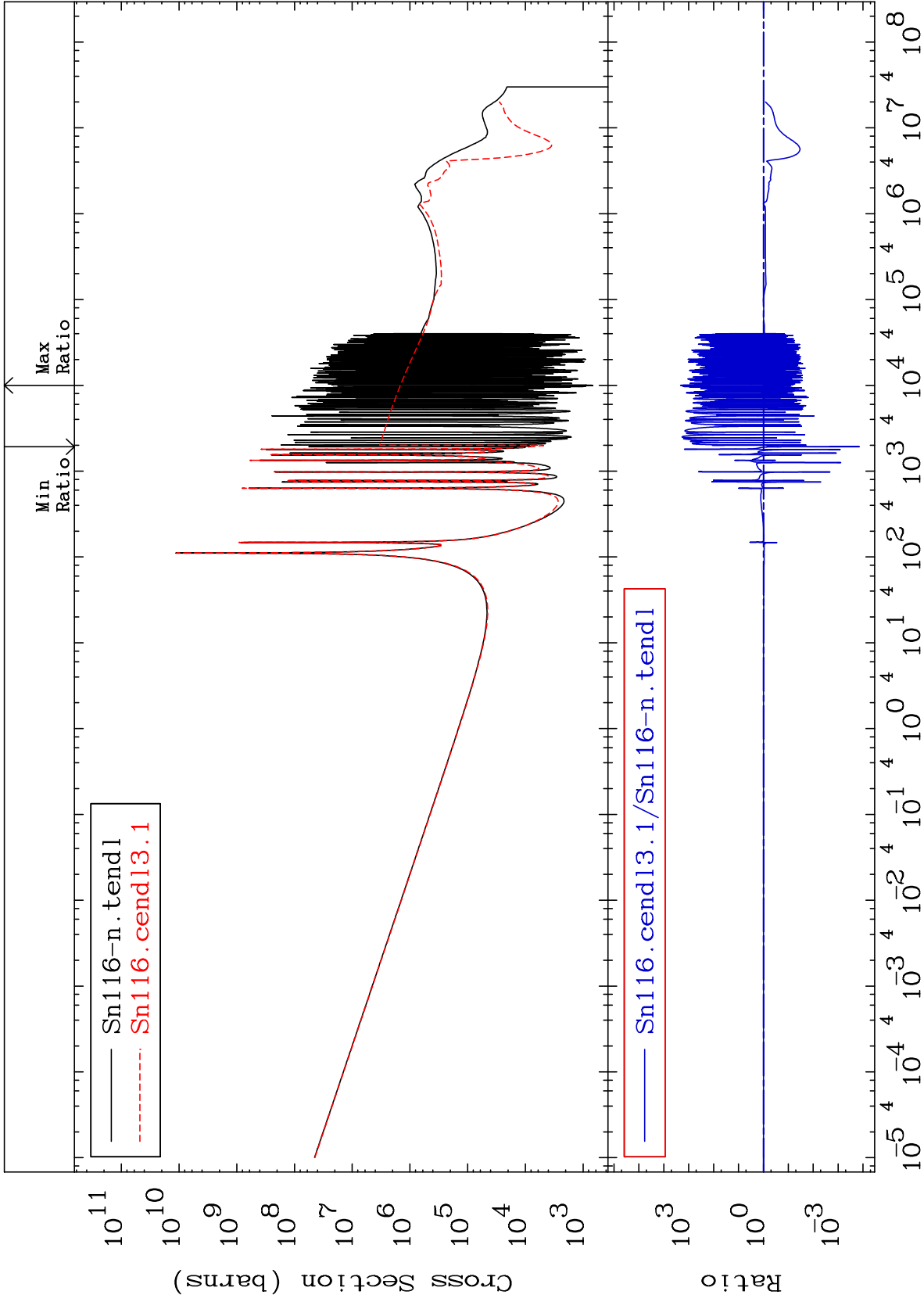


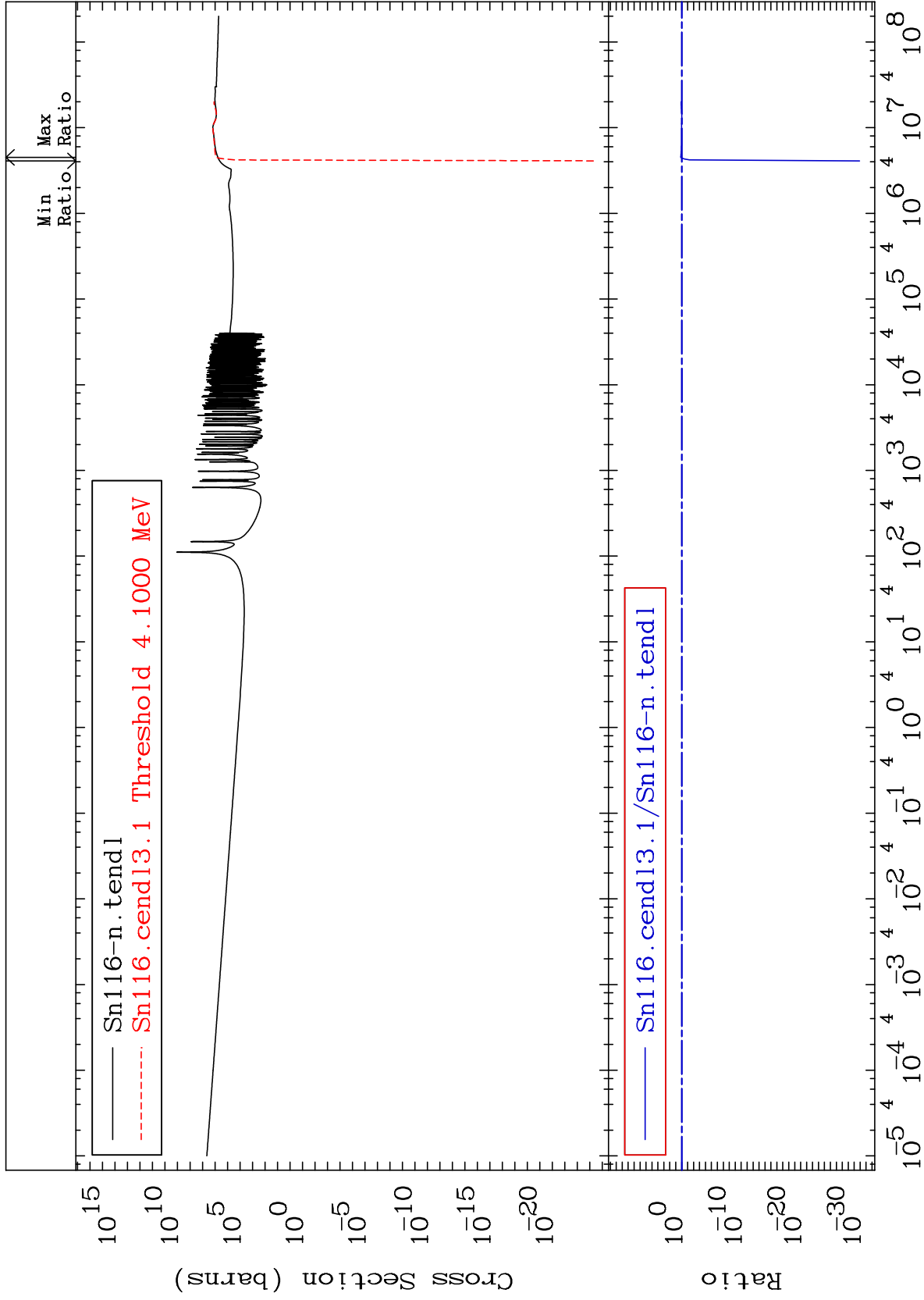
MAT 5037

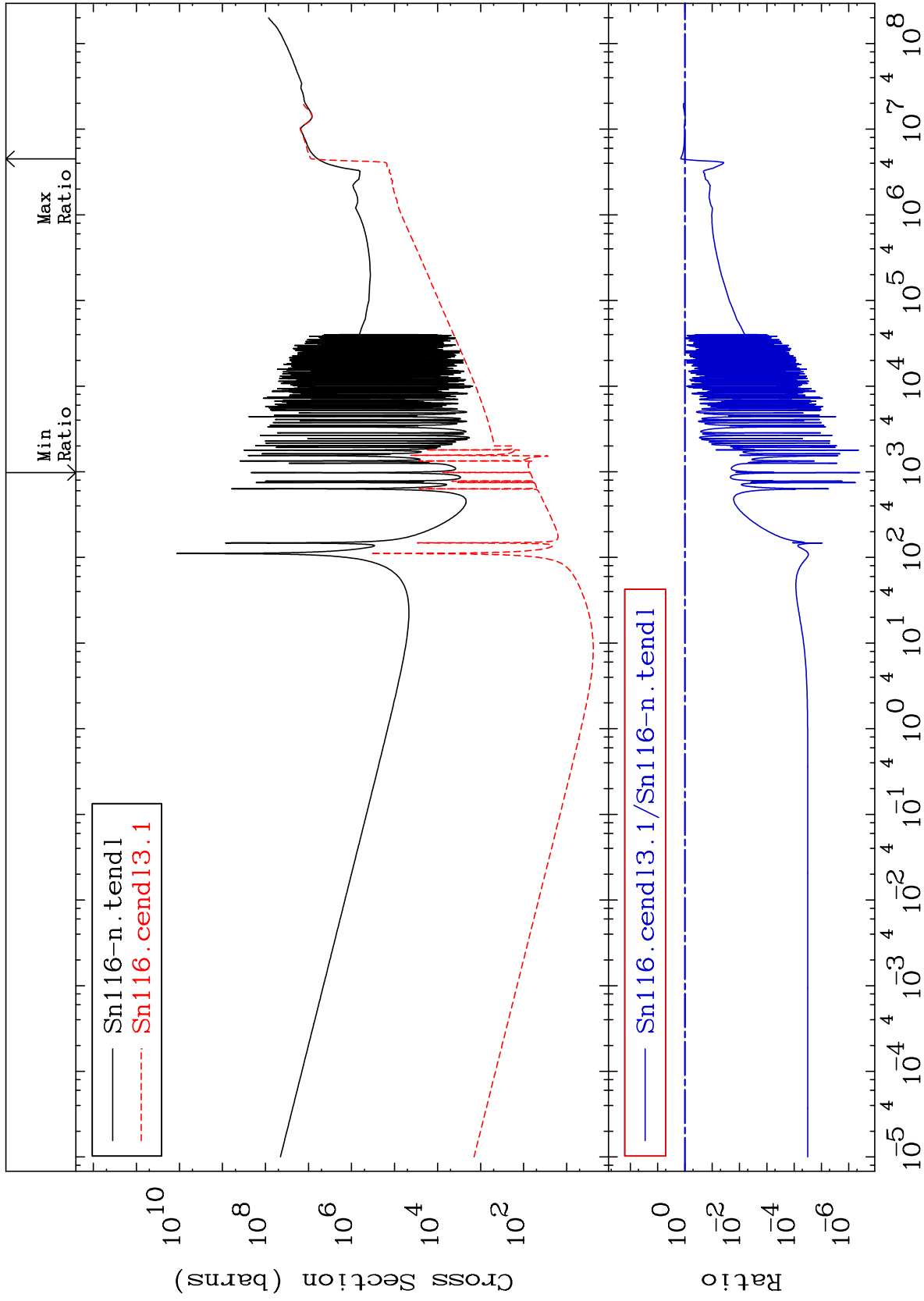
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

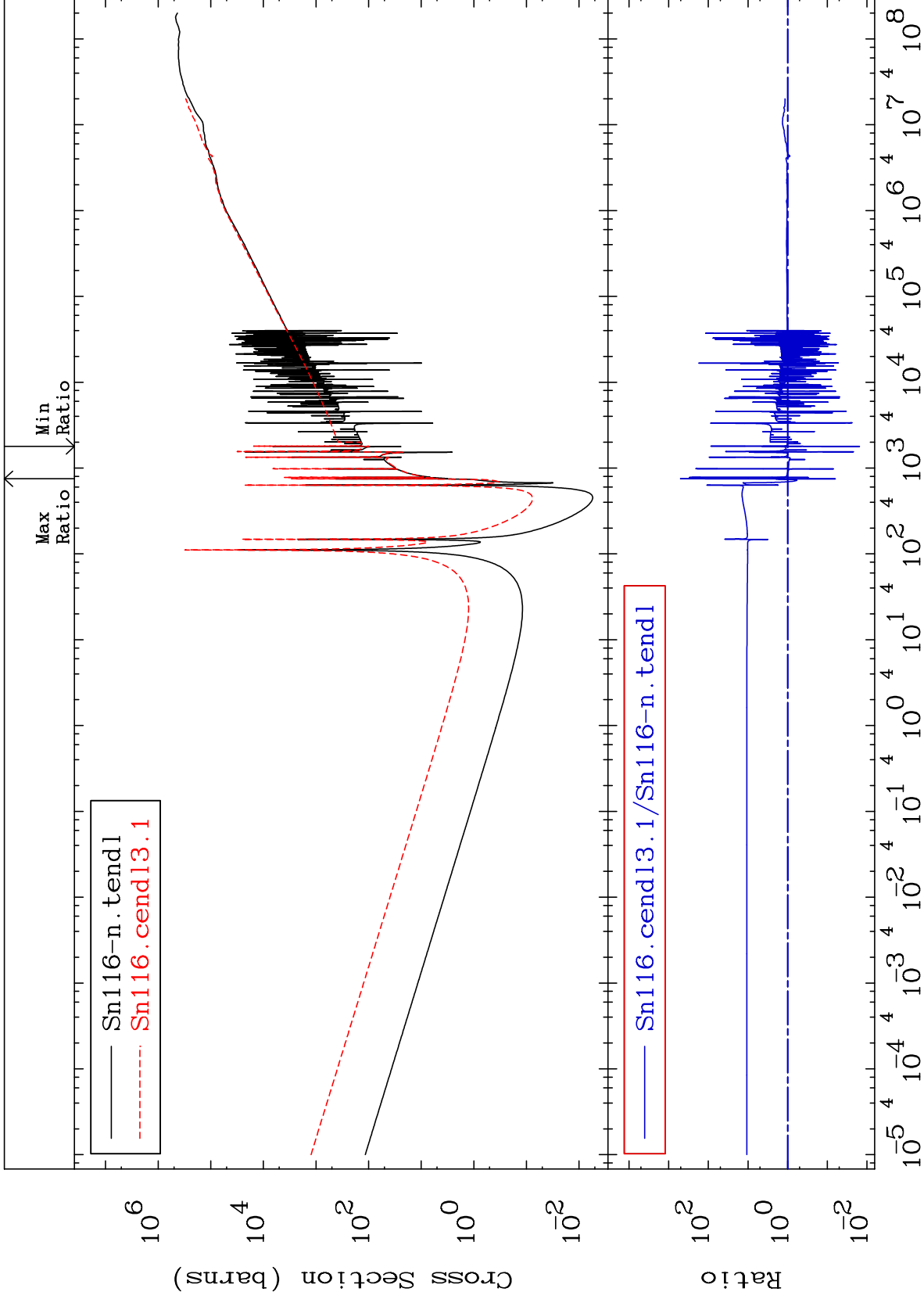
50-Sn-116
-100.0 To 28.18 %







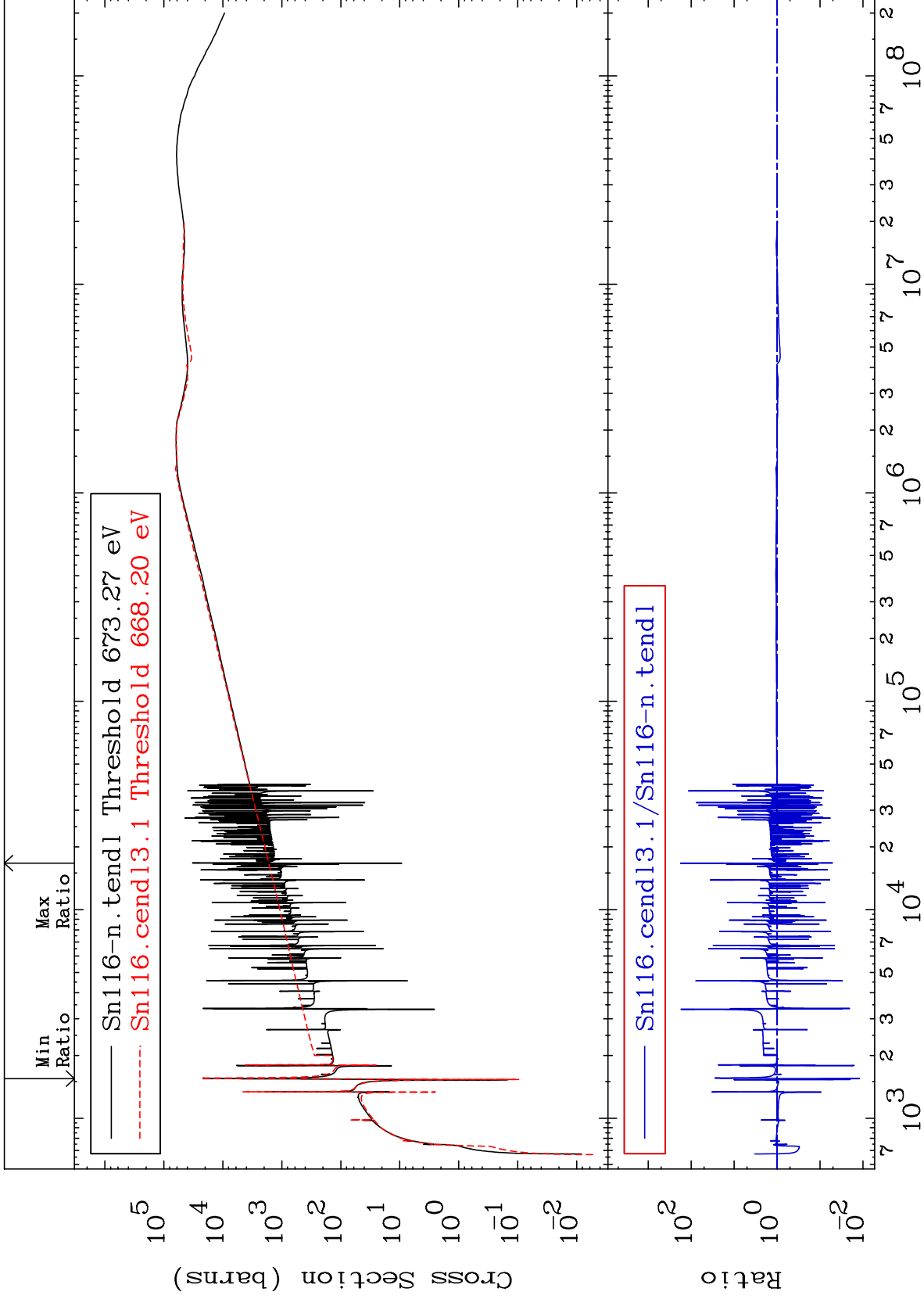




MAT 5037

Dpa elastic (mt2)
Cross Section

50-Sn-116
-98.79 To 9999. %



57

Incident Energy (eV)

50-Sn-116

