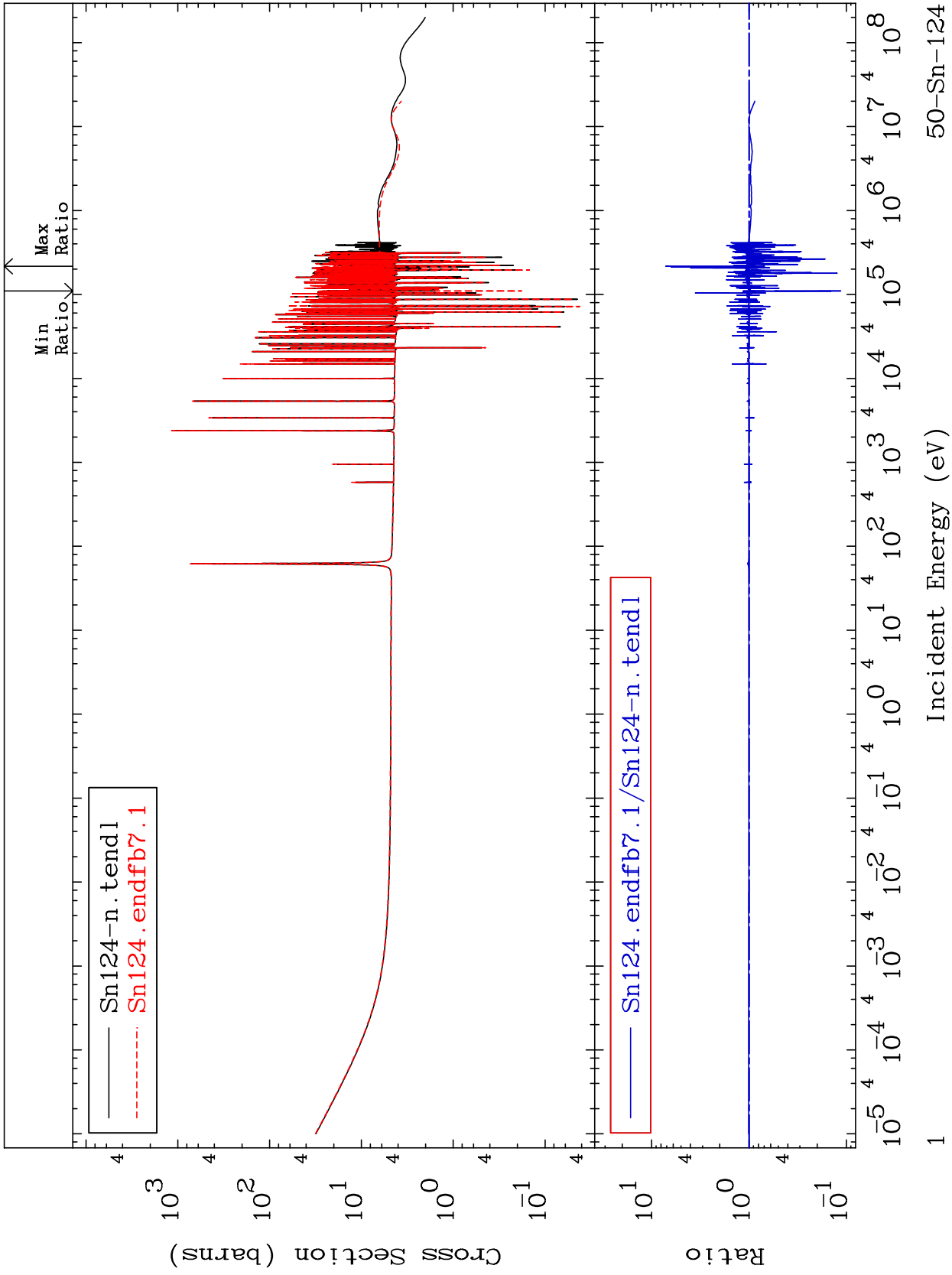


MAT 5061

Total
Cross Section

50-Sn-124
-88.54 To 619.3 %



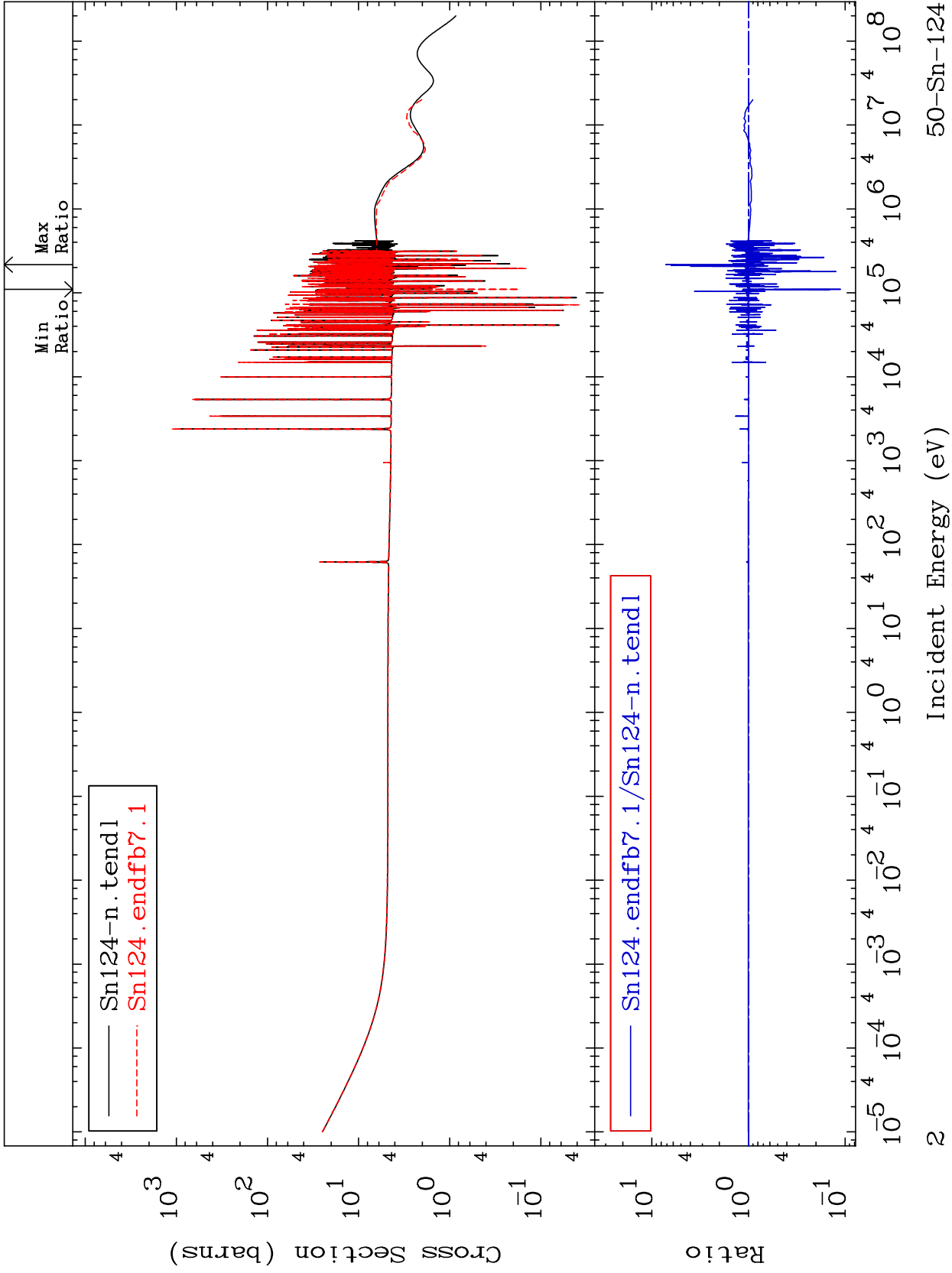
50-Sn-124

Incident Energy (eV)

MAT 5061

Elastic
Cross Section

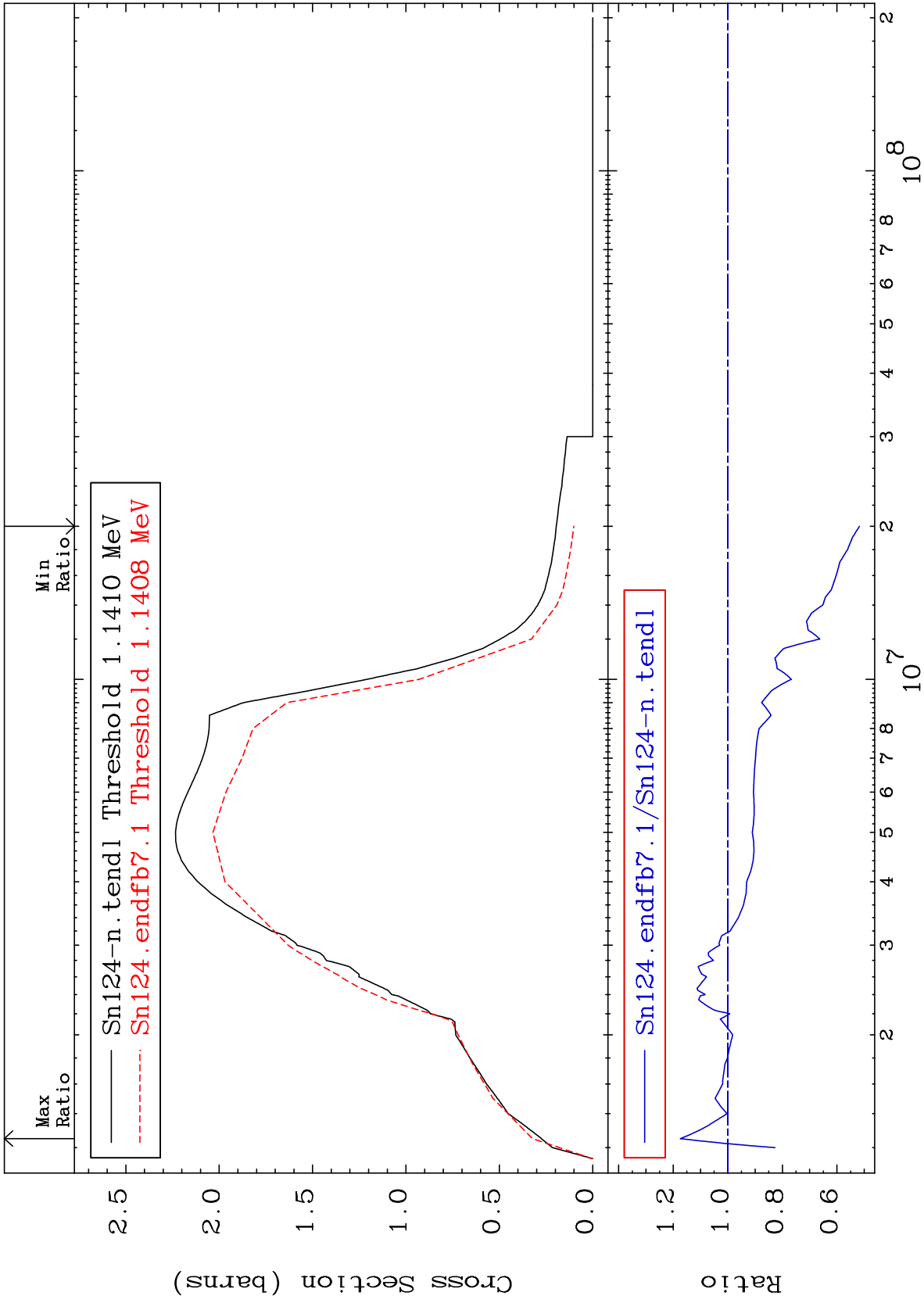
50-Sn-124
-88.89 To 622.4 %



MAT 5061

Inelastic
Cross Section

50-Sn-124
-48.23 To 17.39 %



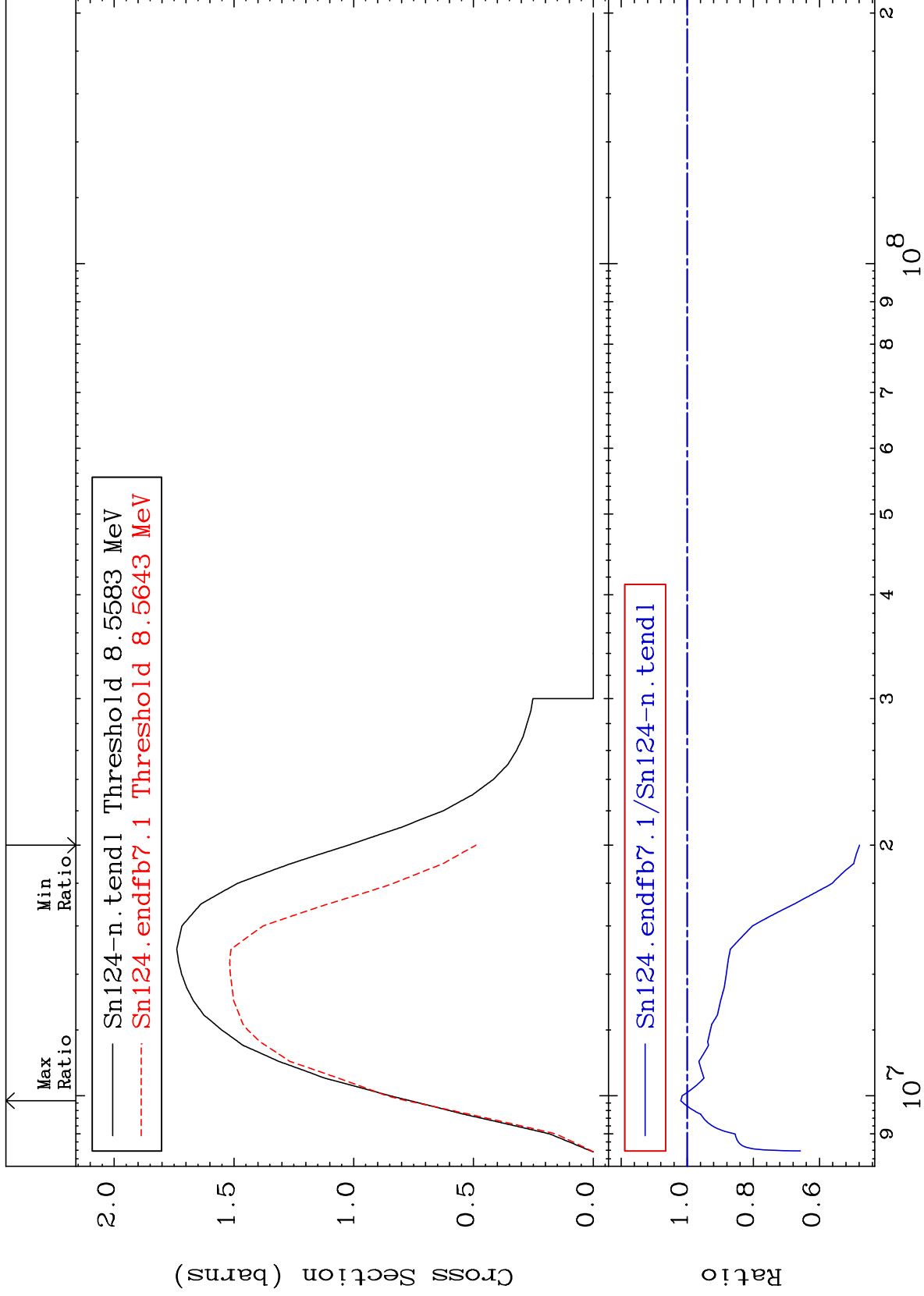
MAT 5061

(n,2n)

50-Sn-124

Cross Section

-52.11 To 1.959 %



Incident Energy (eV)

50-Sn-124

4

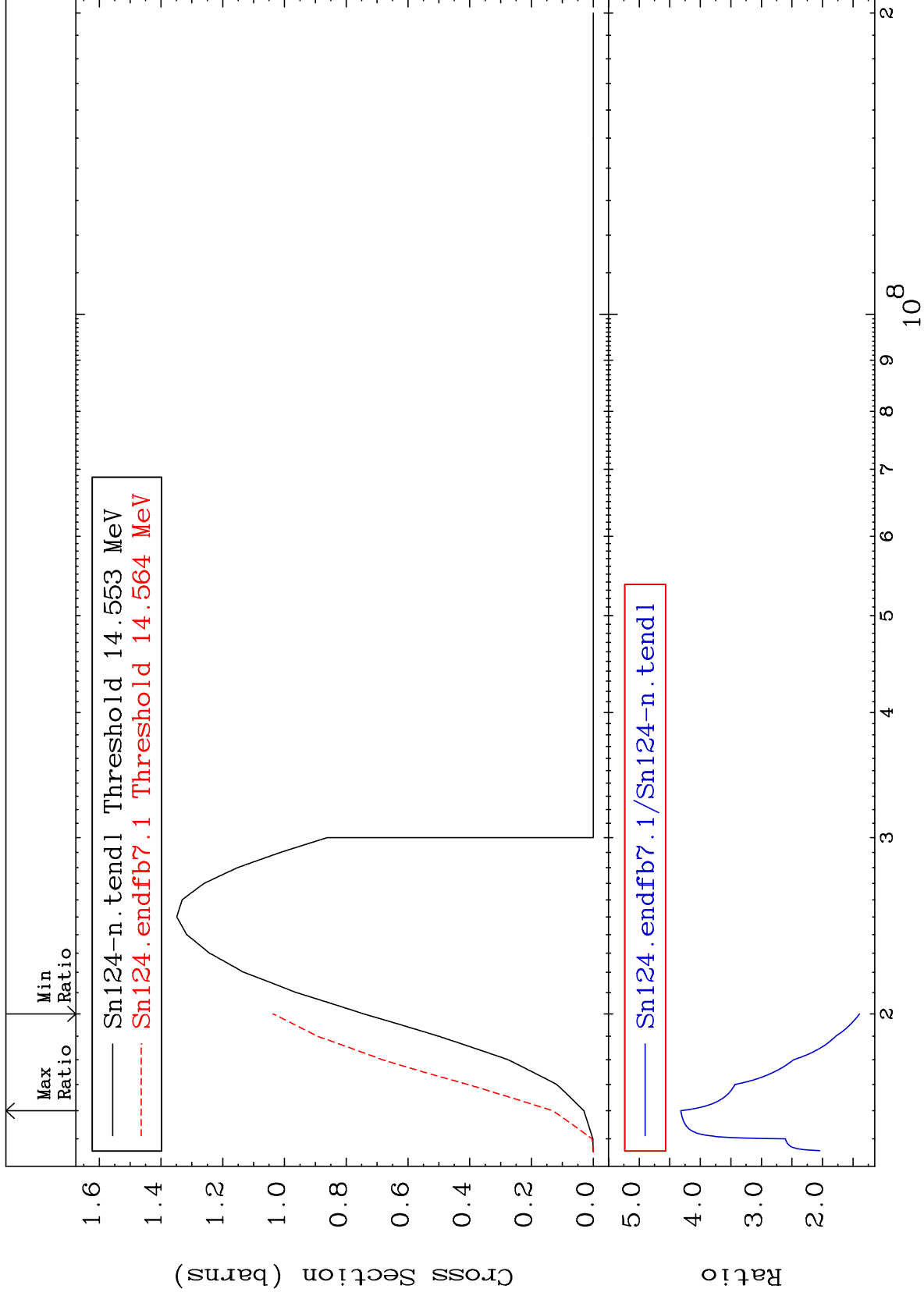
MAT 5061

(n,3n)

50-Sn-124

Cross Section

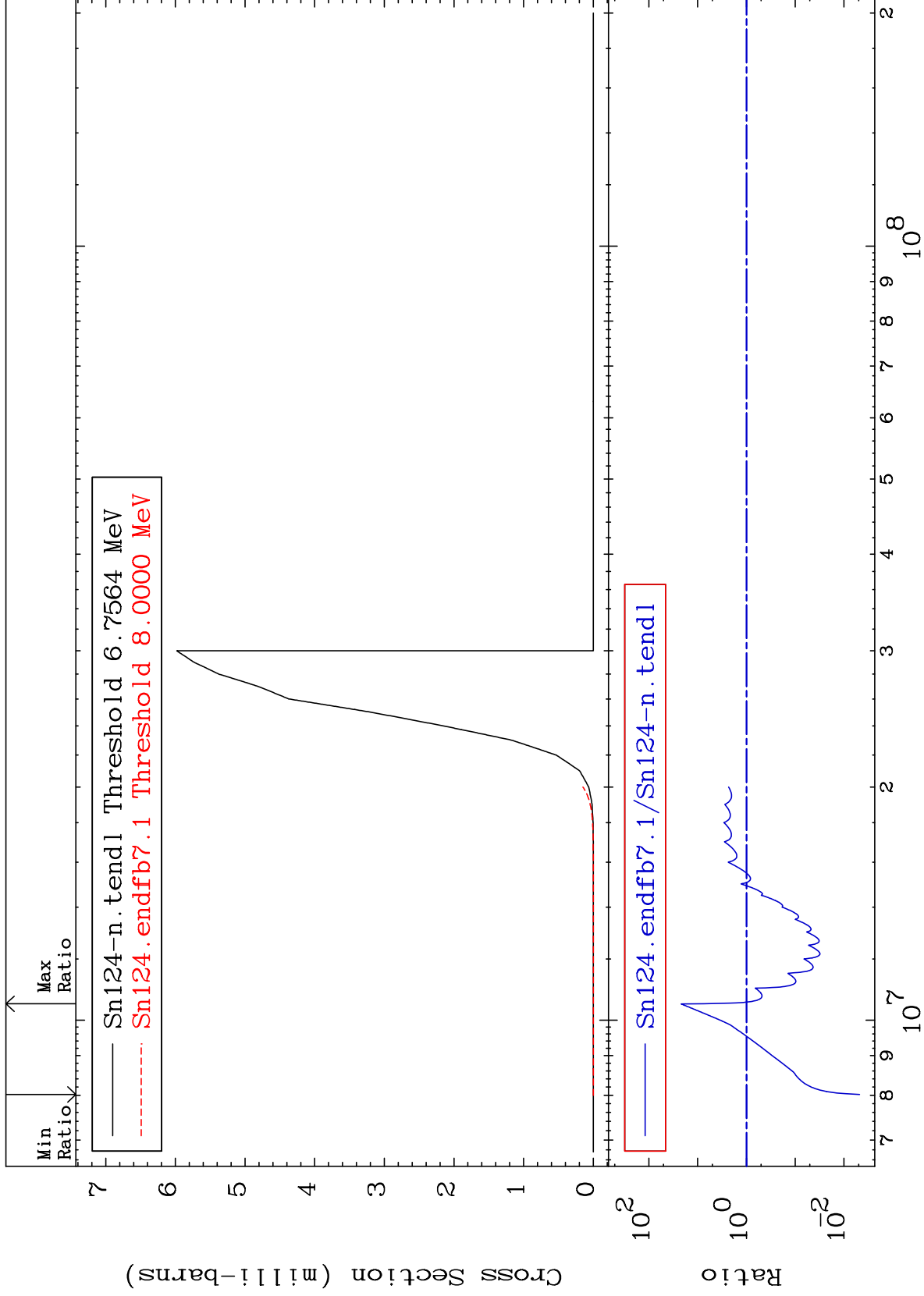
39.42 To 332.0 %



MAT 5061

(n,n') α
Cross Section

50-Sn-124
-99.52 To 2116. %



6

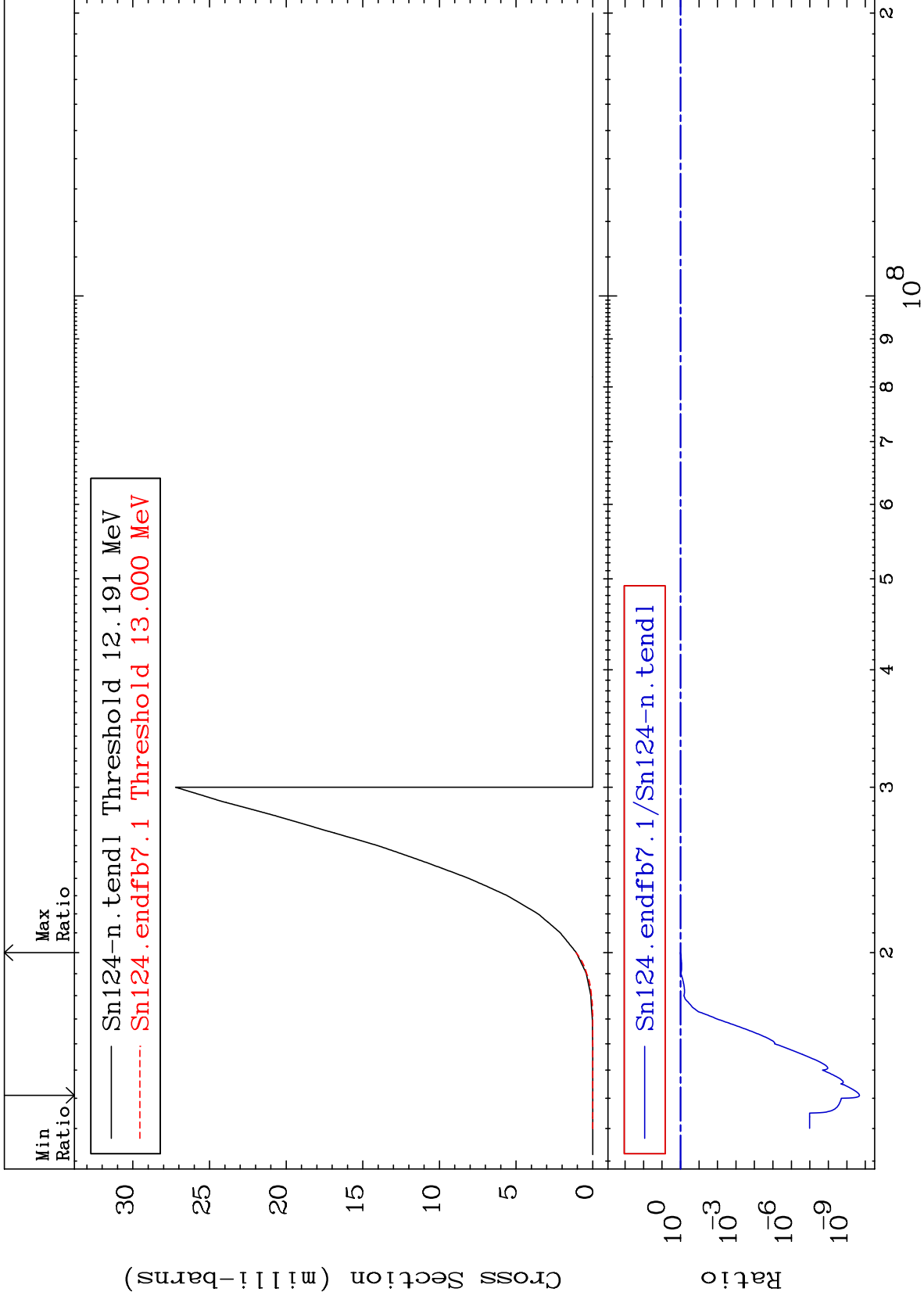
50-Sn-124

50-Sn-124

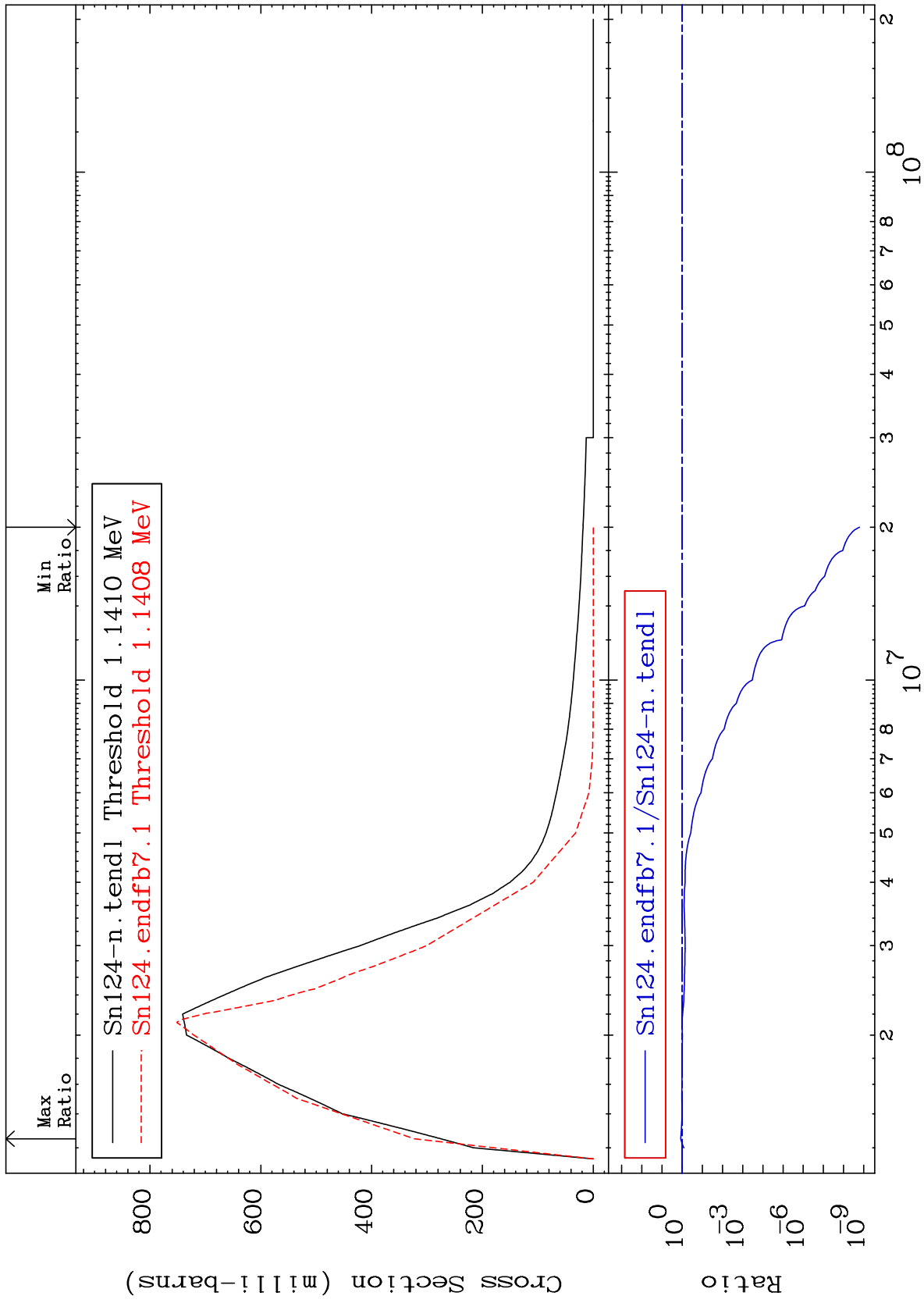
MAT 5061

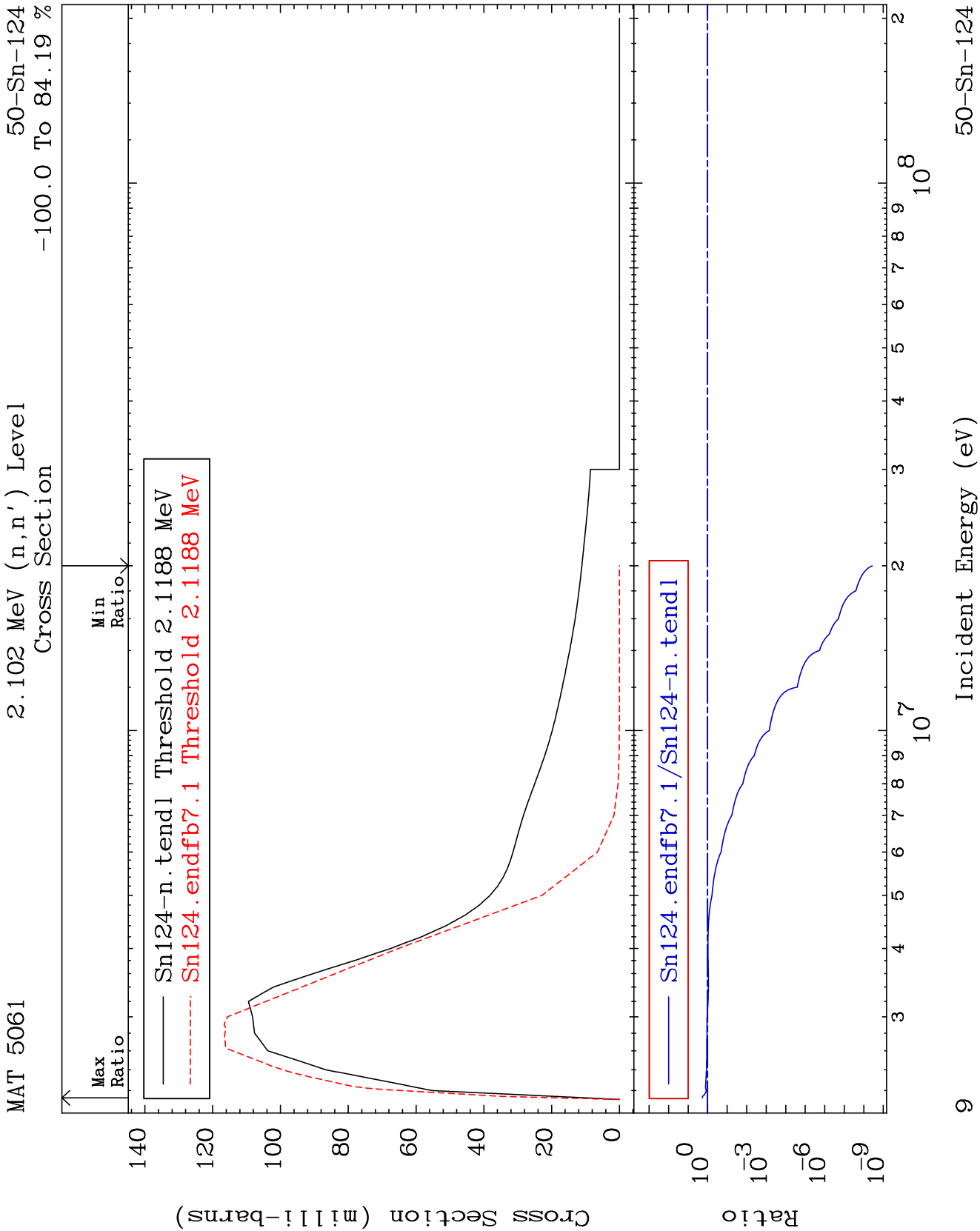
(n,n') p
Cross Section

50-Sn-124
-100.0 To 1.721 %



MAT 5061 1.132 MeV (n,n') Level 50-Sn-124
 Cross Section -100.0 To 17.39 %

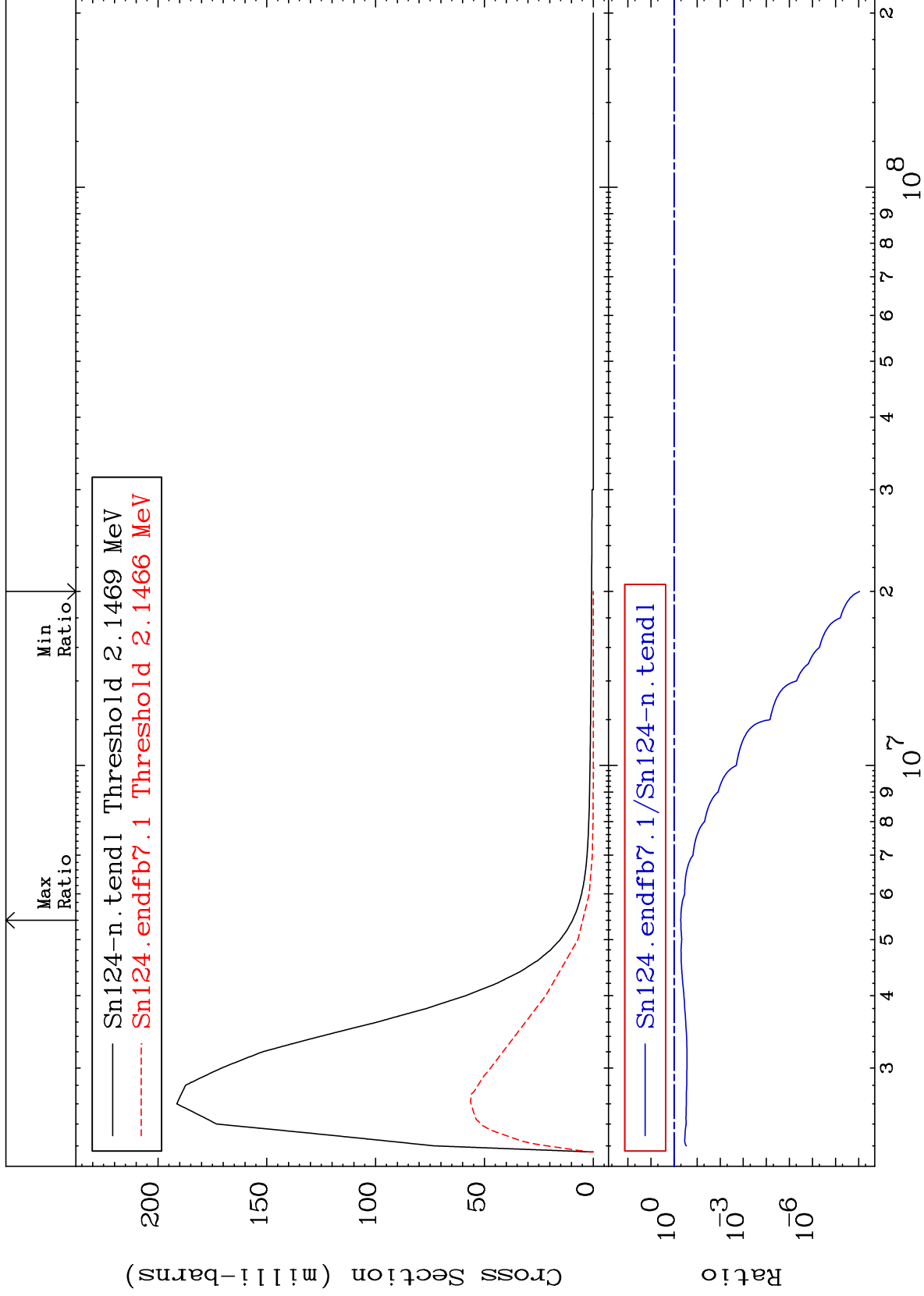




MAT 5061

2.130 MeV (n,n') Level
Cross Section

50-Sn-124
-100.0 To -48.92%



10

50-Sn-124

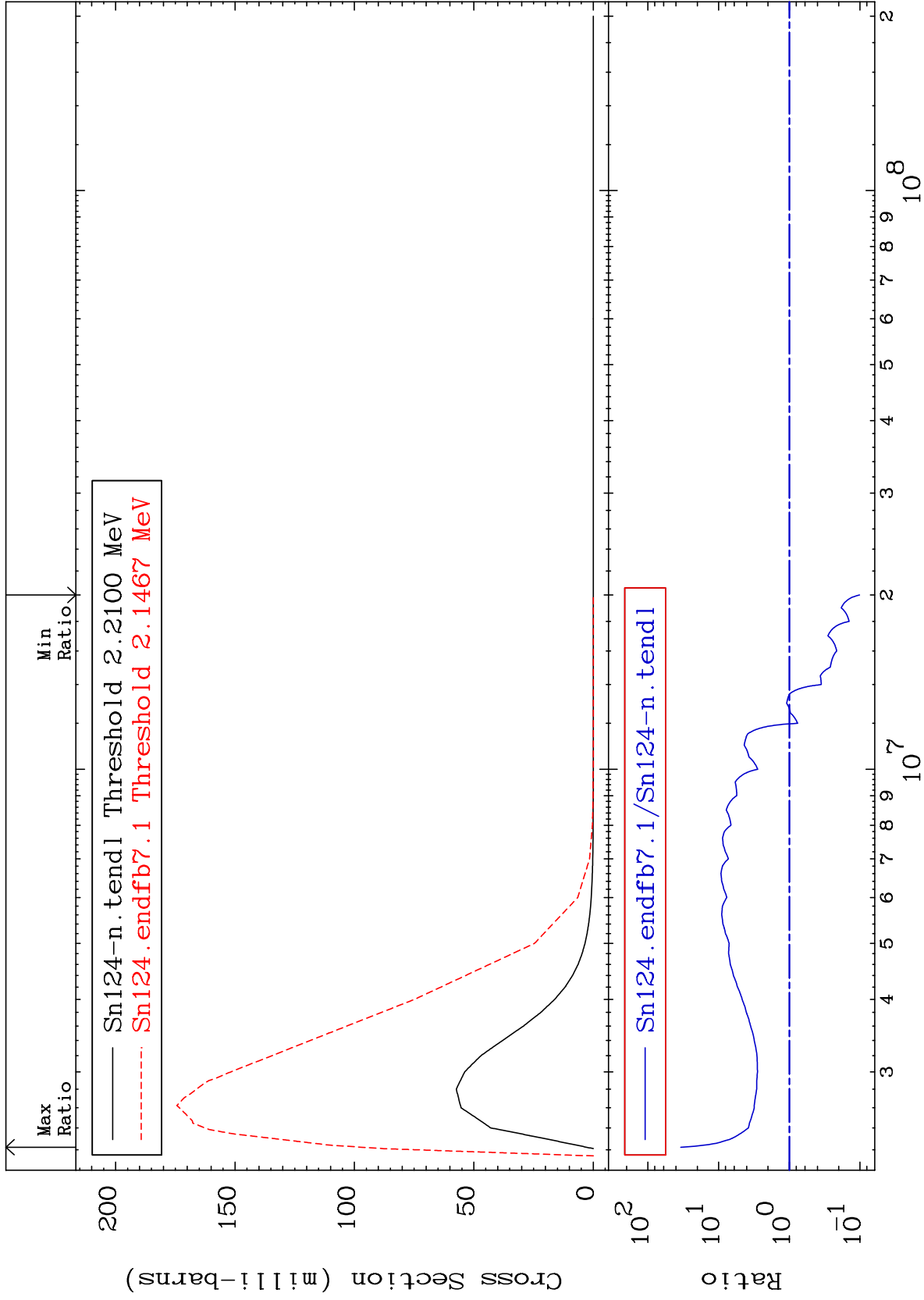
MAT 5061

2.192 MeV (n,n') Level

50-Sn-124

-89.85 To 3327. %

Cross Section



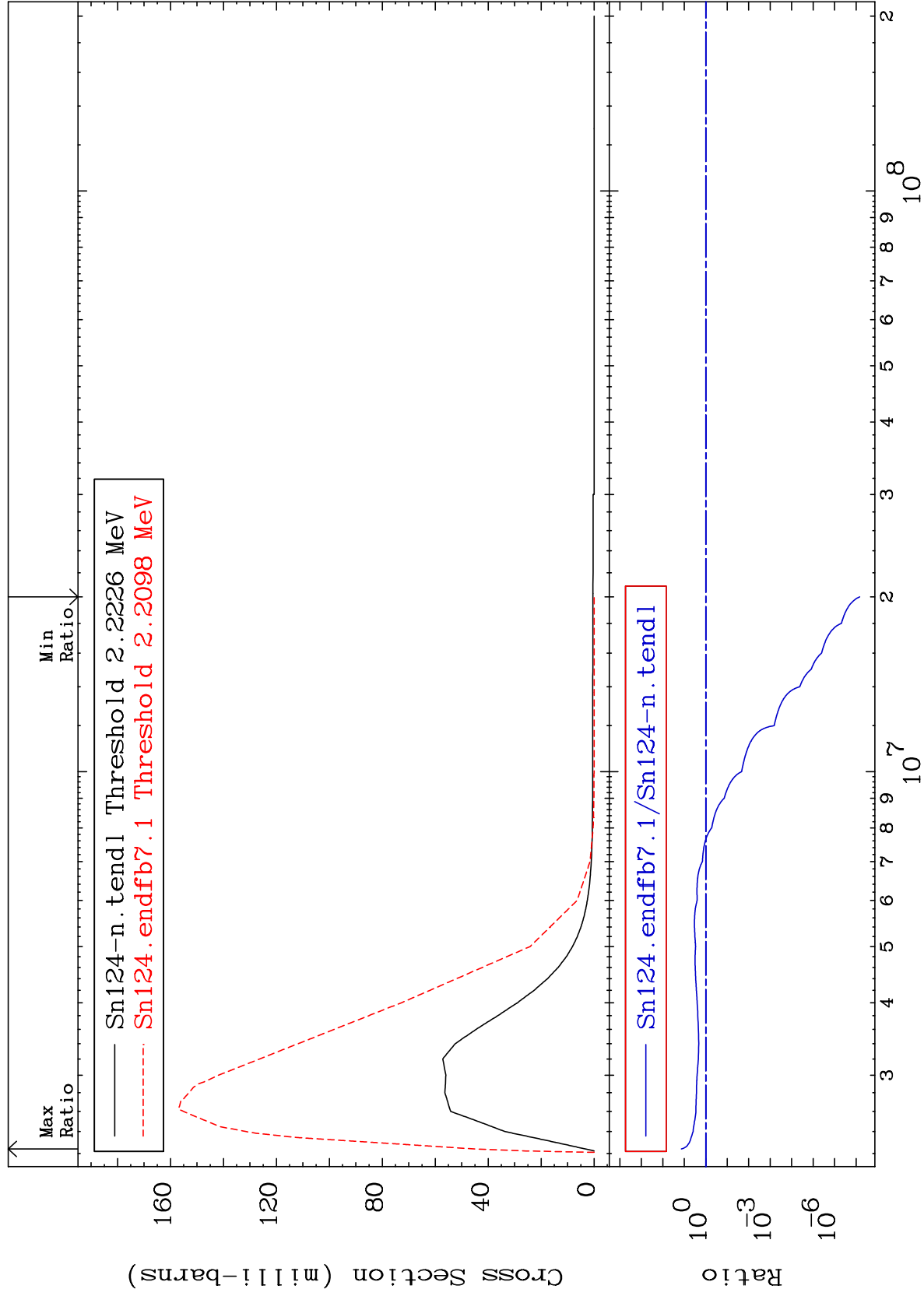
MAT 5061

2.205 MeV (n,n') Level

50-Sn-124

-100.0 To 1264. %

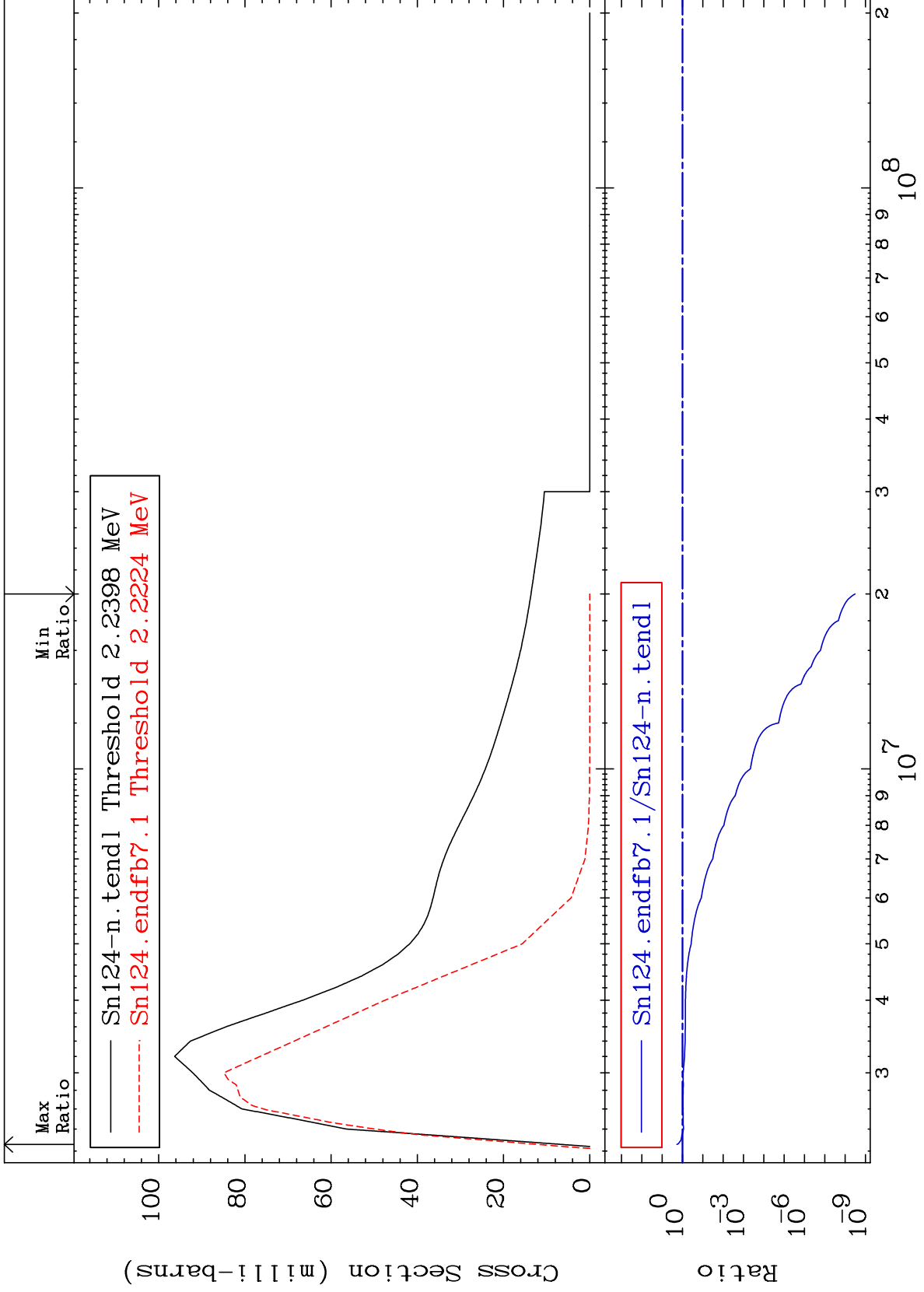
Cross Section



MAT 5061

2.222 MeV (n,n') Level
Cross Section

50-Sn-124
-100.0 To 87.42 %



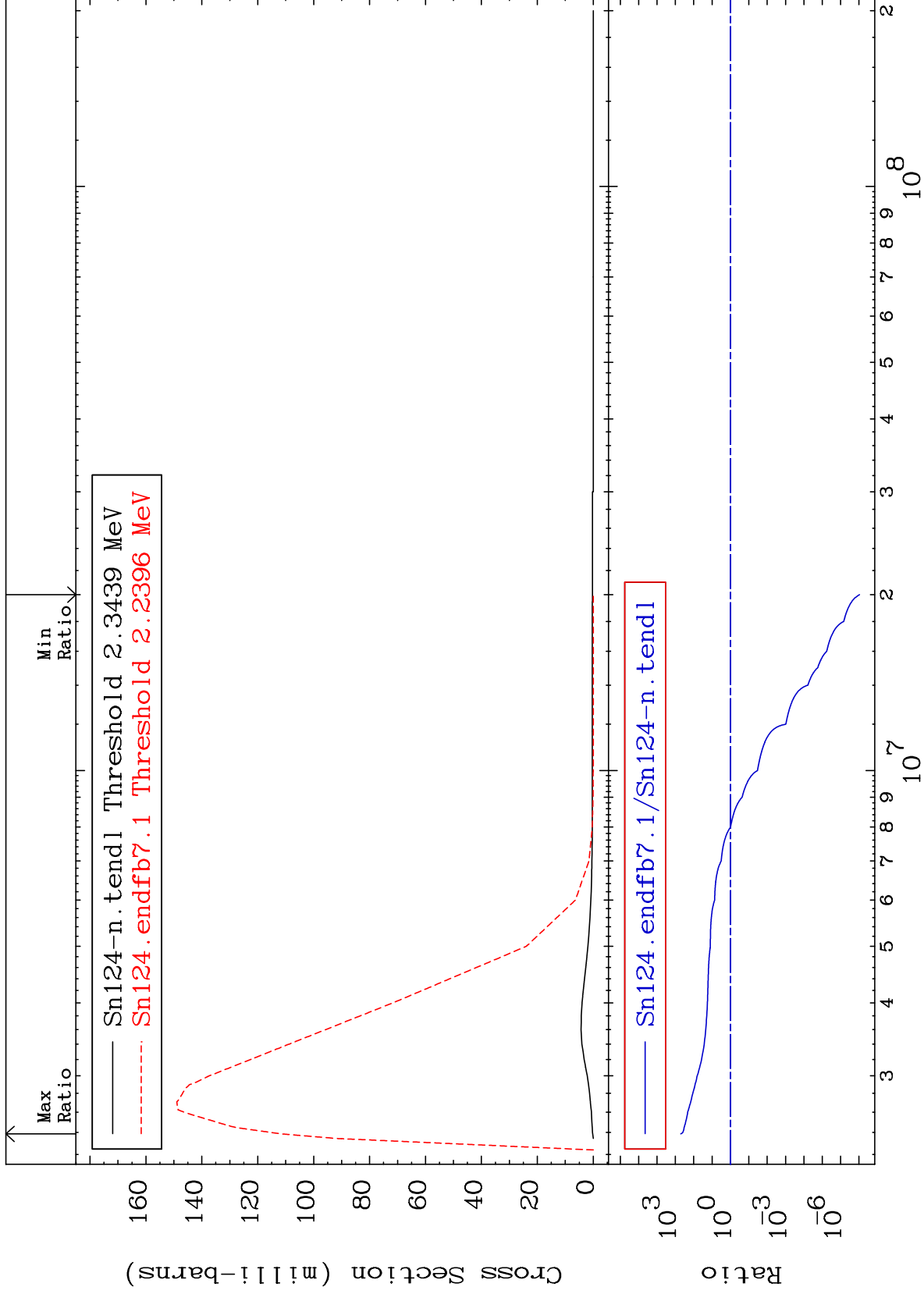
MAT 5061

2.325 MeV (n,n') Level

50-Sn-124

-100.0 To 9999. %

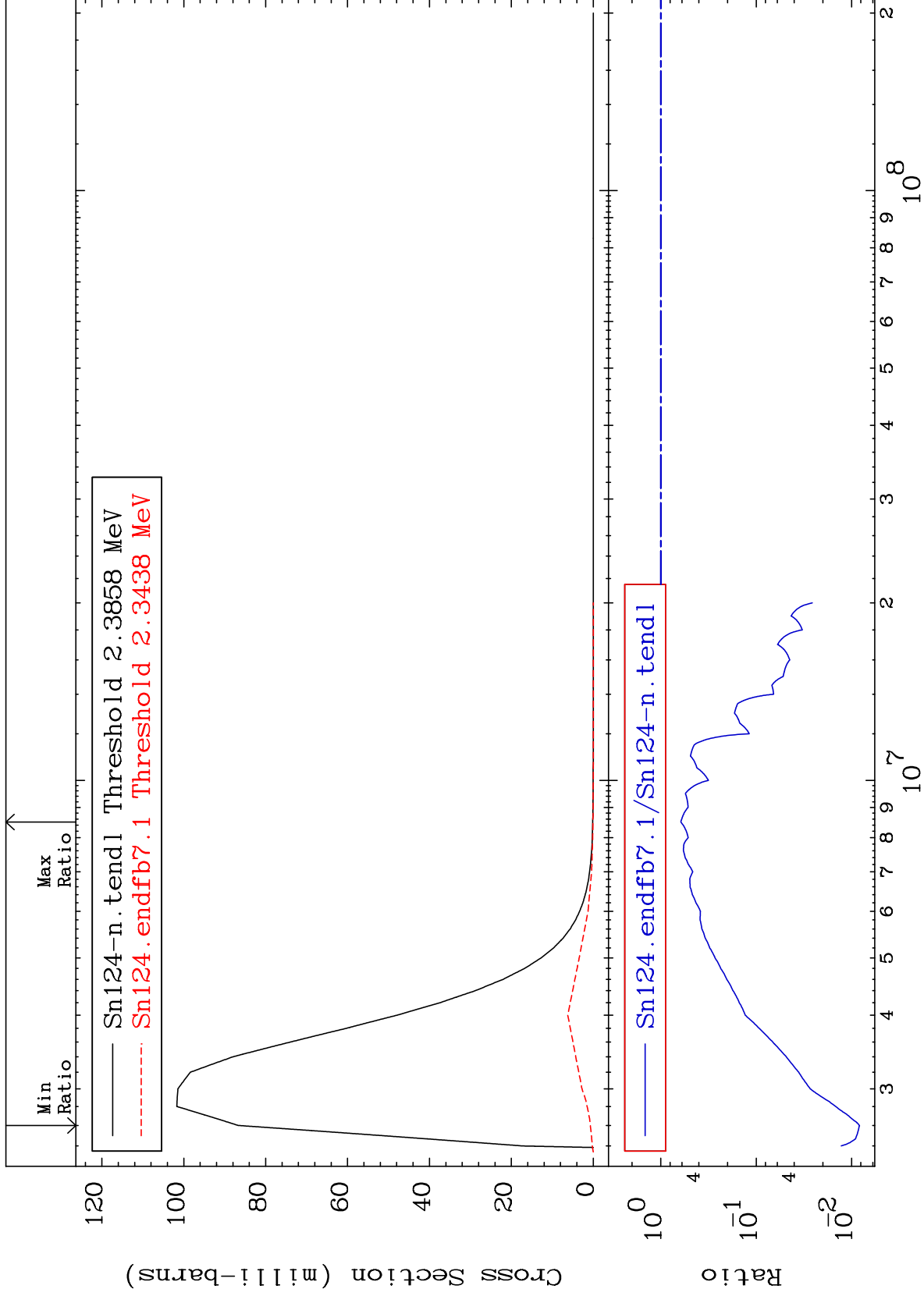
Cross Section



MAT 5061

2.367 MeV (n,n') Level
Cross Section

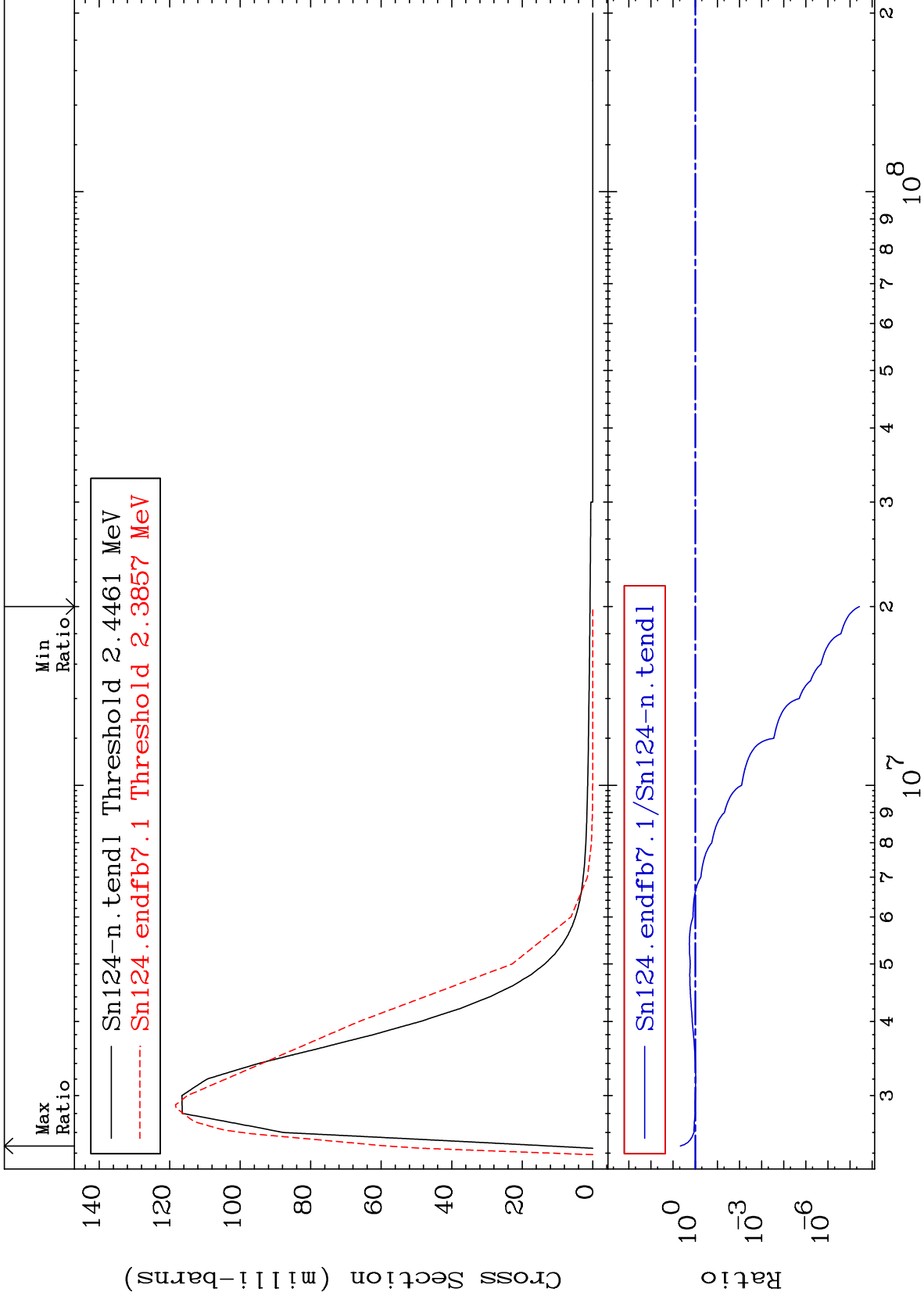
50-Sn-124
-99.17 To -38.24%



MAT 5061

2.426 MeV (n,n') Level
Cross Section

50-Sn-124
-100.0 To 369.9 %



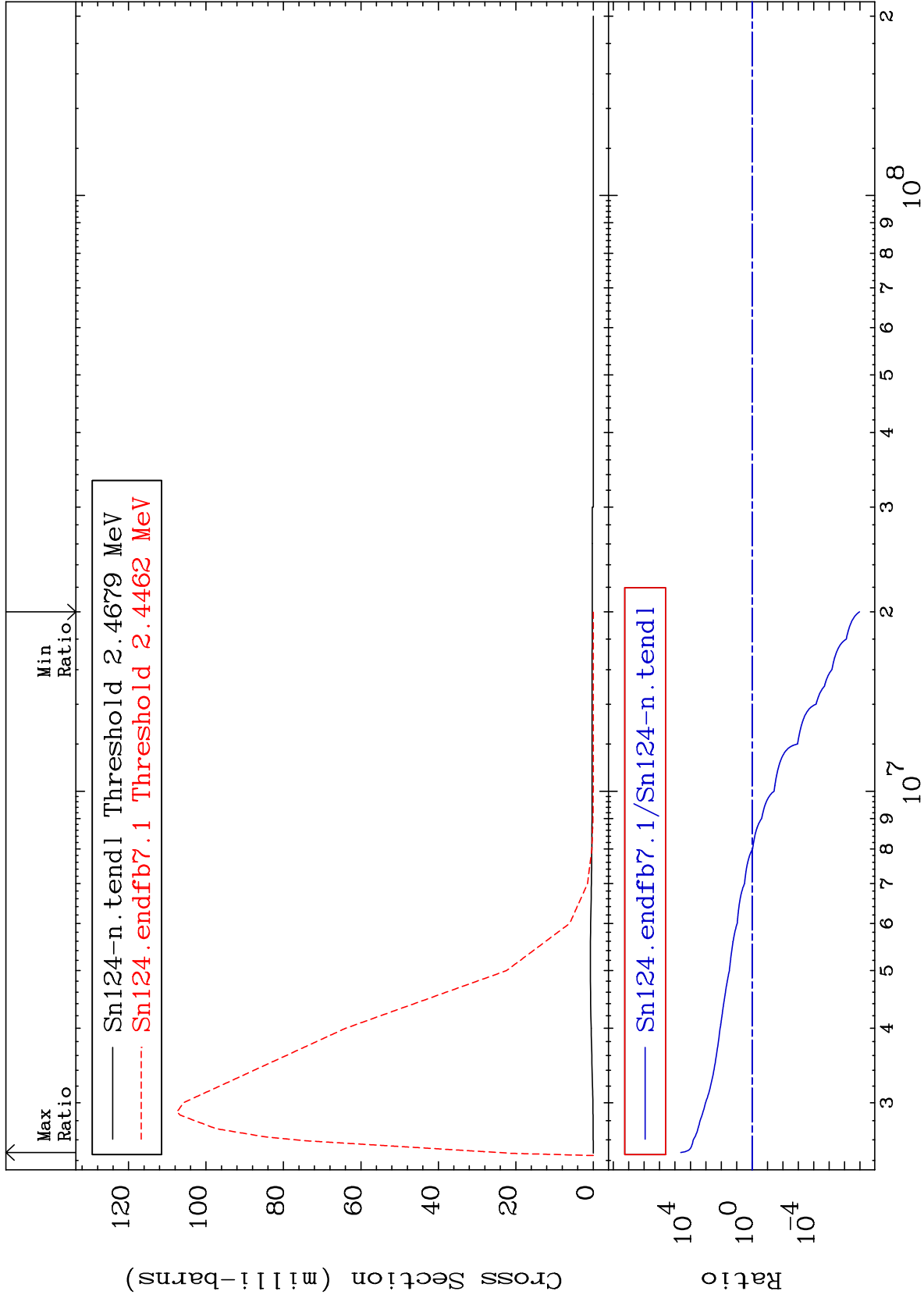
MAT 5061

2.448 MeV (n,n') Level

50-Sn-124

-100.0 To 9999. %

Cross Section

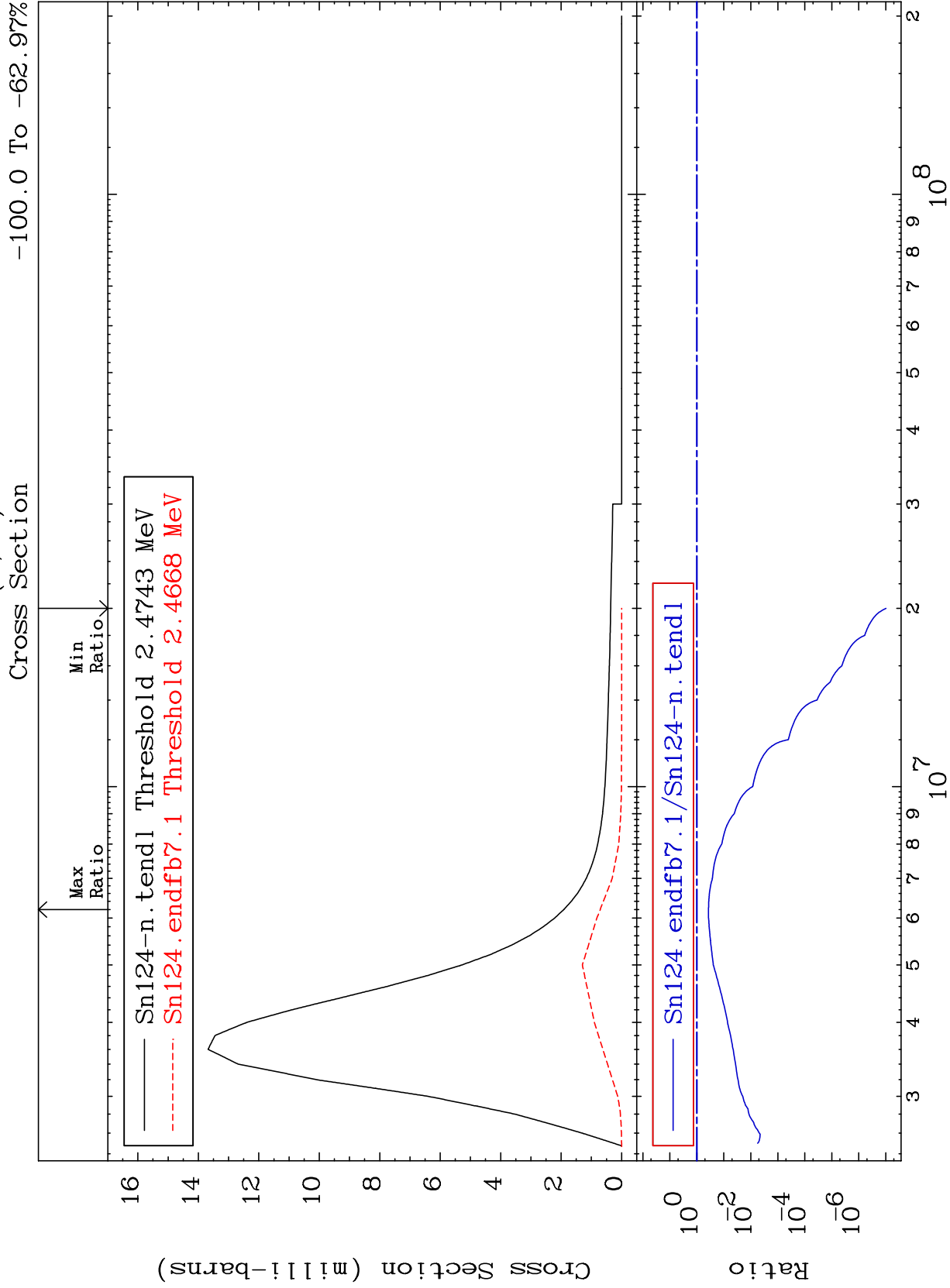


MAT 5061

2.454 MeV (n,n') Level

50-Sn-124

-100.0 To -62.97%



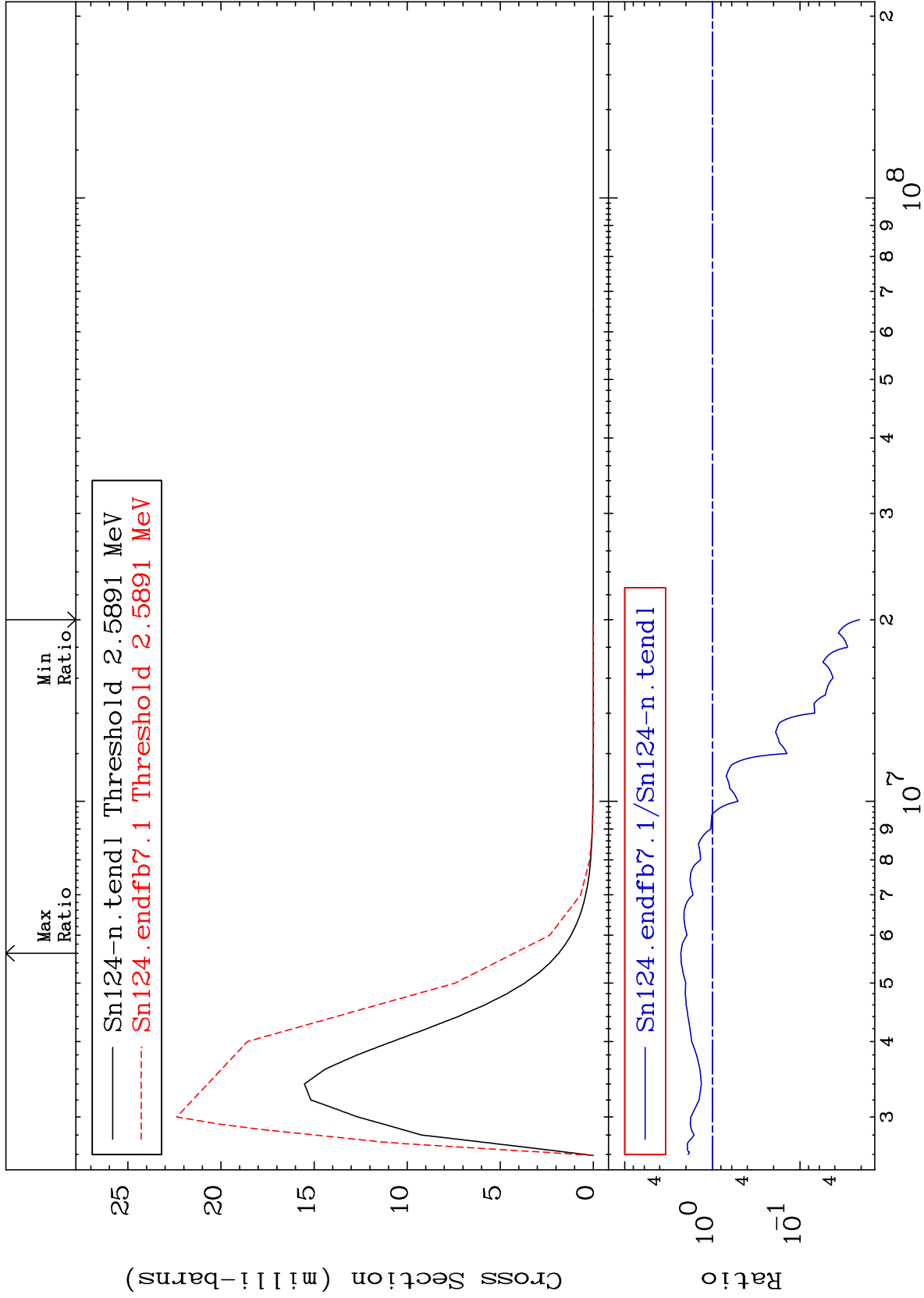
MAT 5061

2.568 MeV (n,n') Level

50-Sn-124

-97.91 To 129.5 %

Cross Section



19

Incident Energy (eV)

50-Sn-124

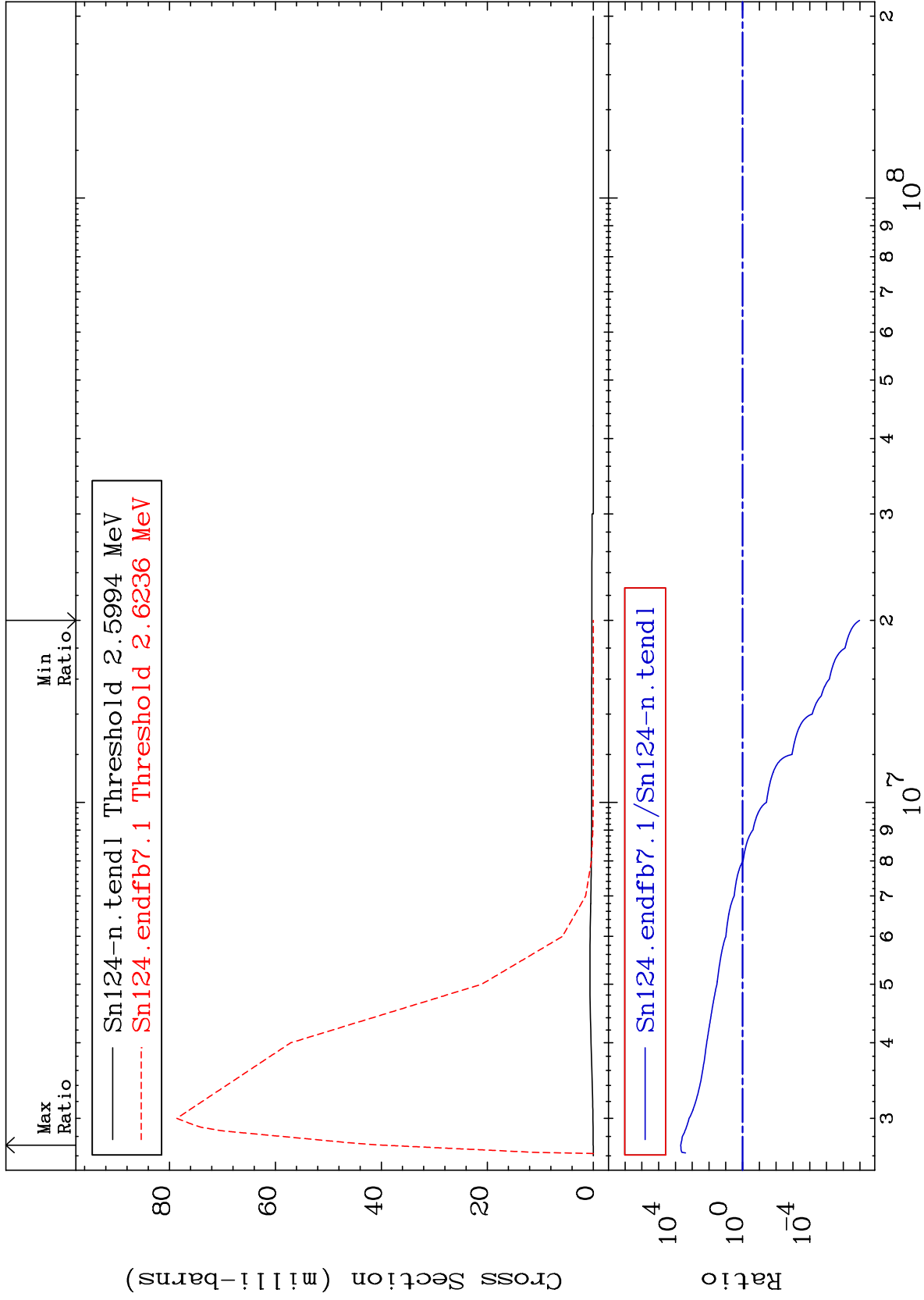
MAT 5061

2.578 MeV (n,n') Level

50-Sn-124

-100.0 To 9999. %

Cross Section



20

Incident Energy (eV)

50-Sn-124

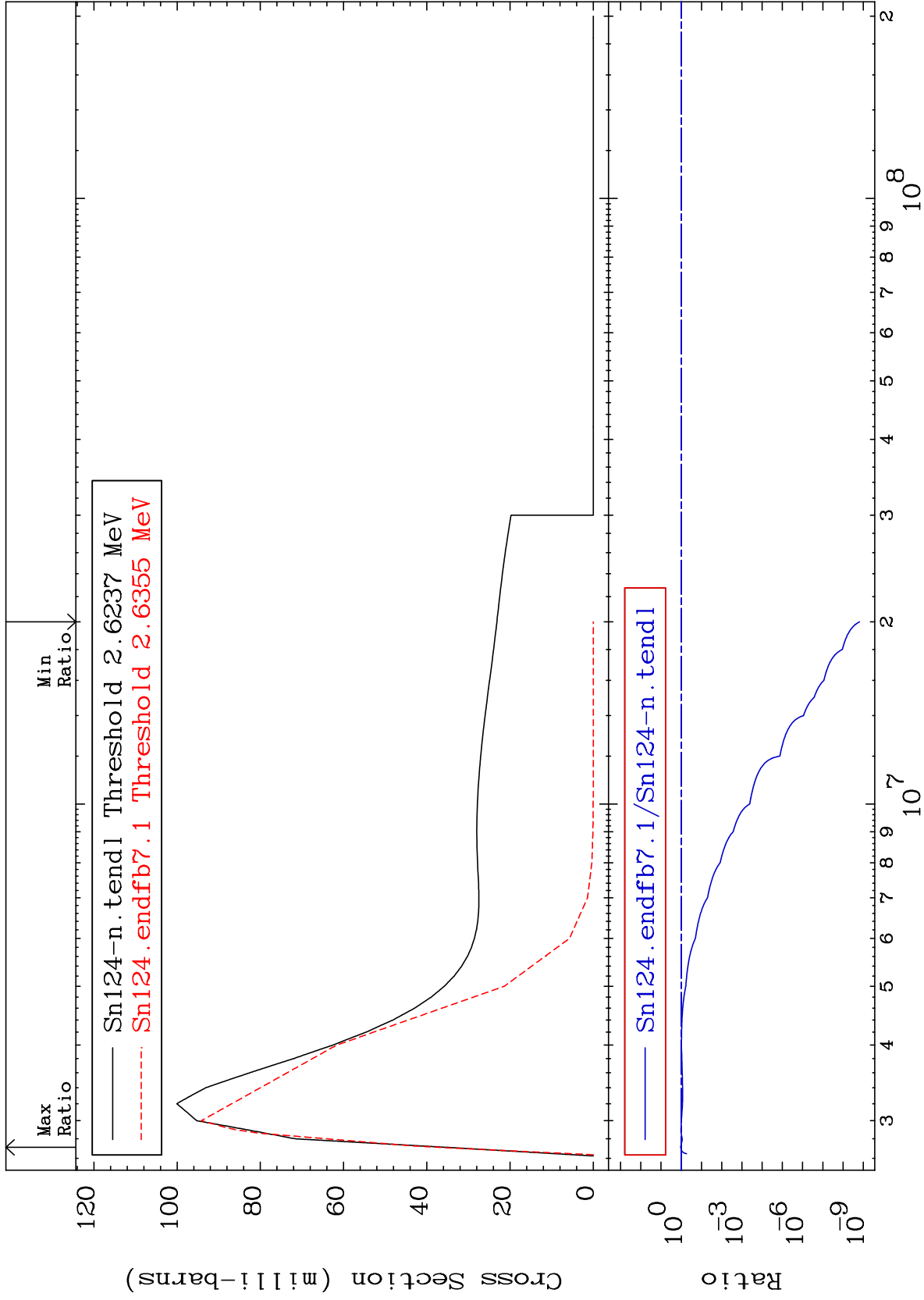
MAT 5061

2.602 MeV (n,n') Level

50-Sn-124

-100.0 To 5.556 %

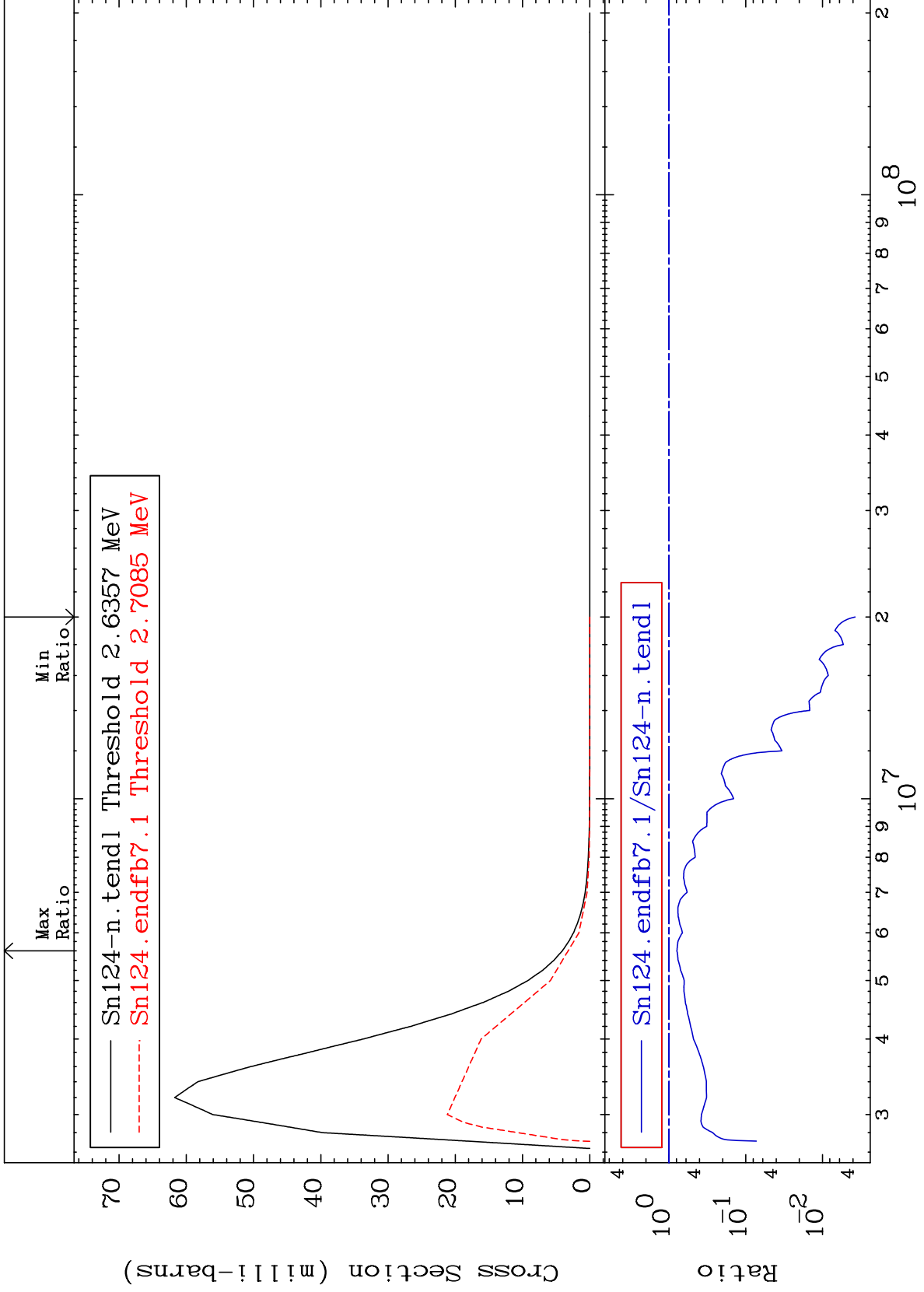
Cross Section



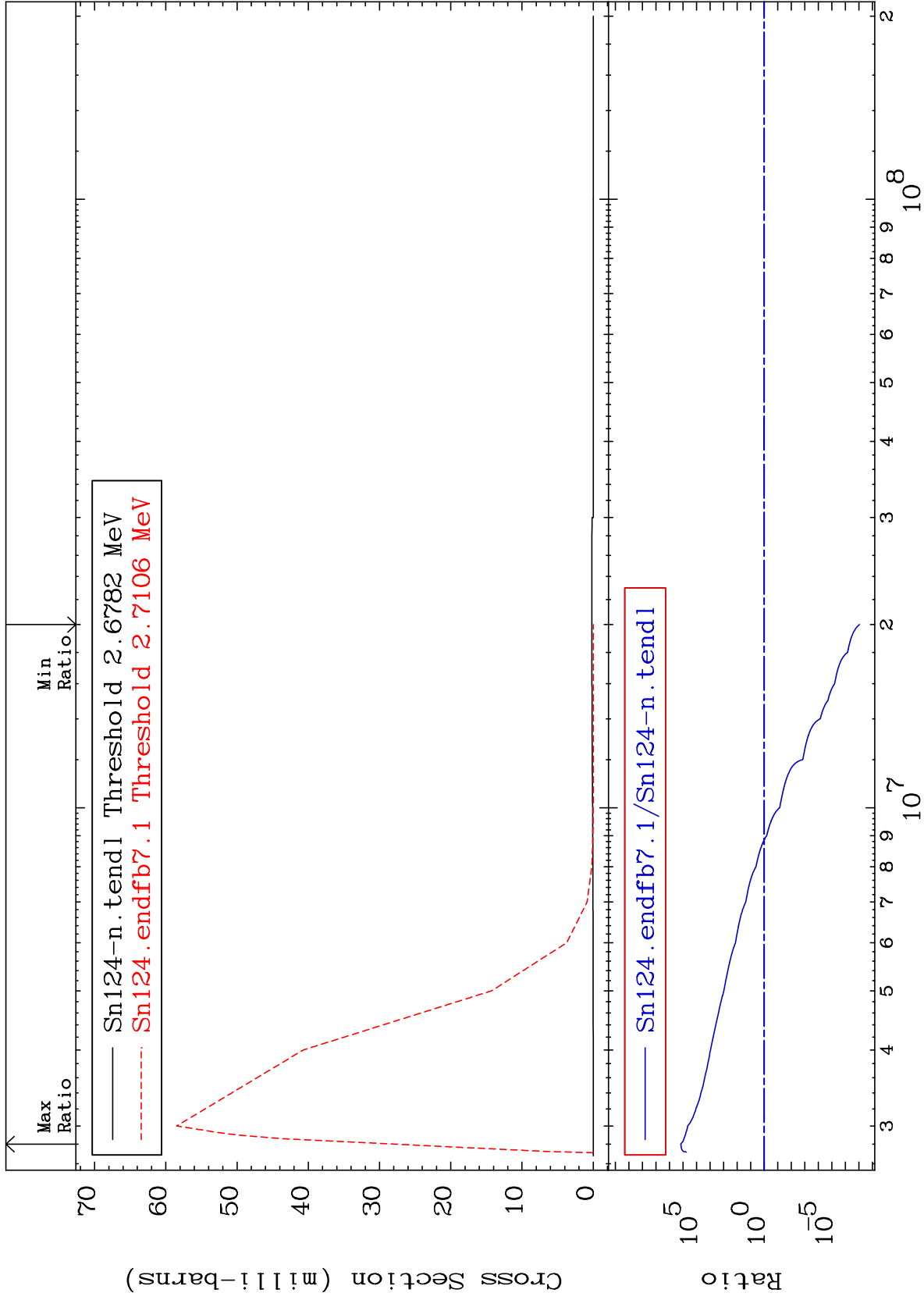
MAT 5061

2.614 MeV (n,n') Level
Cross Section

50-Sn-124
-99.62 To -21.15%



MAT 5061 2.657 MeV (n,n') Level 50-Sn-124
 Cross Section -100.0 To 9999. %



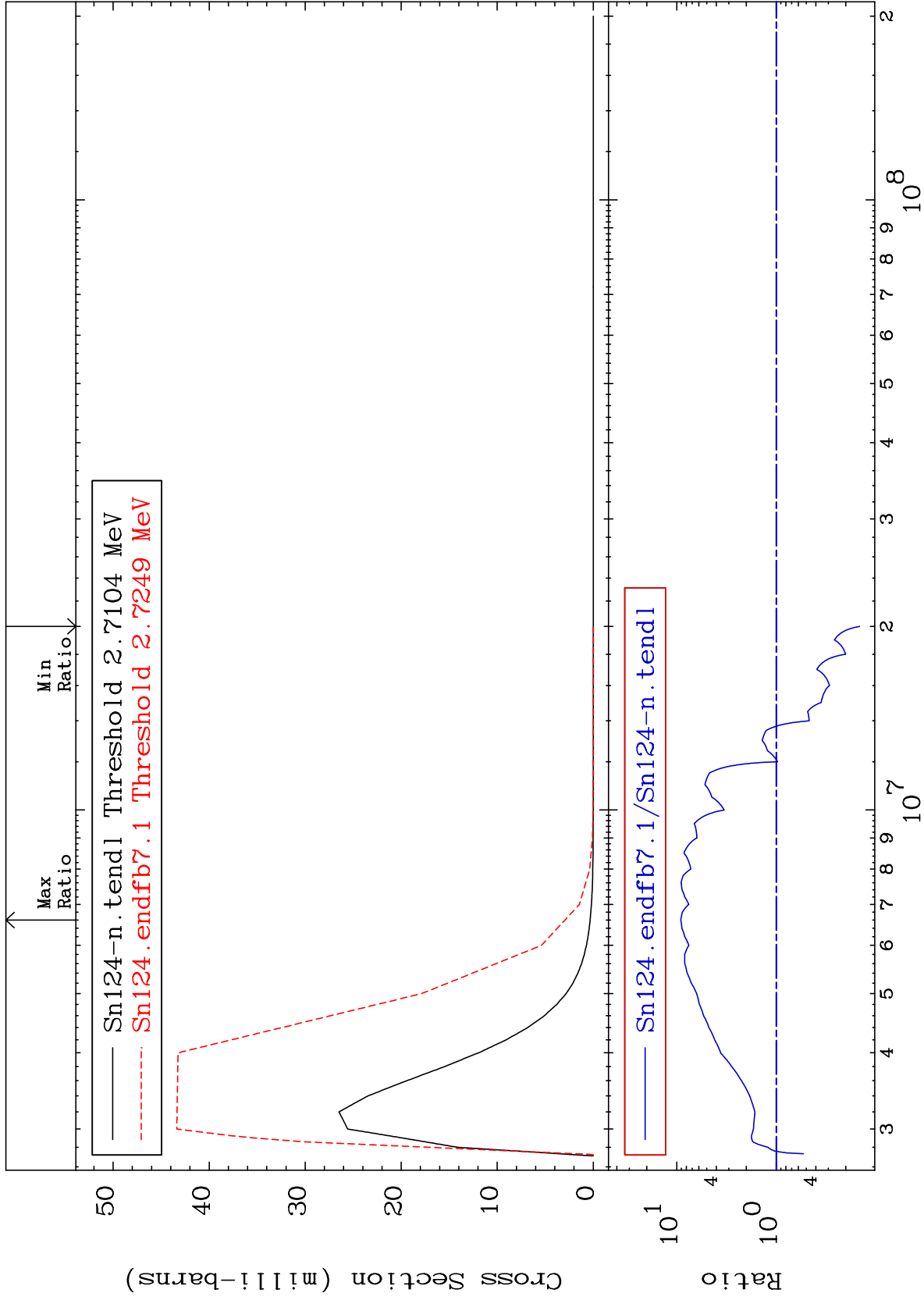
MAT 5061

2.689 MeV (n,n') Level

50-Sn-124

-85.46 To 810.8 %

Cross Section



24

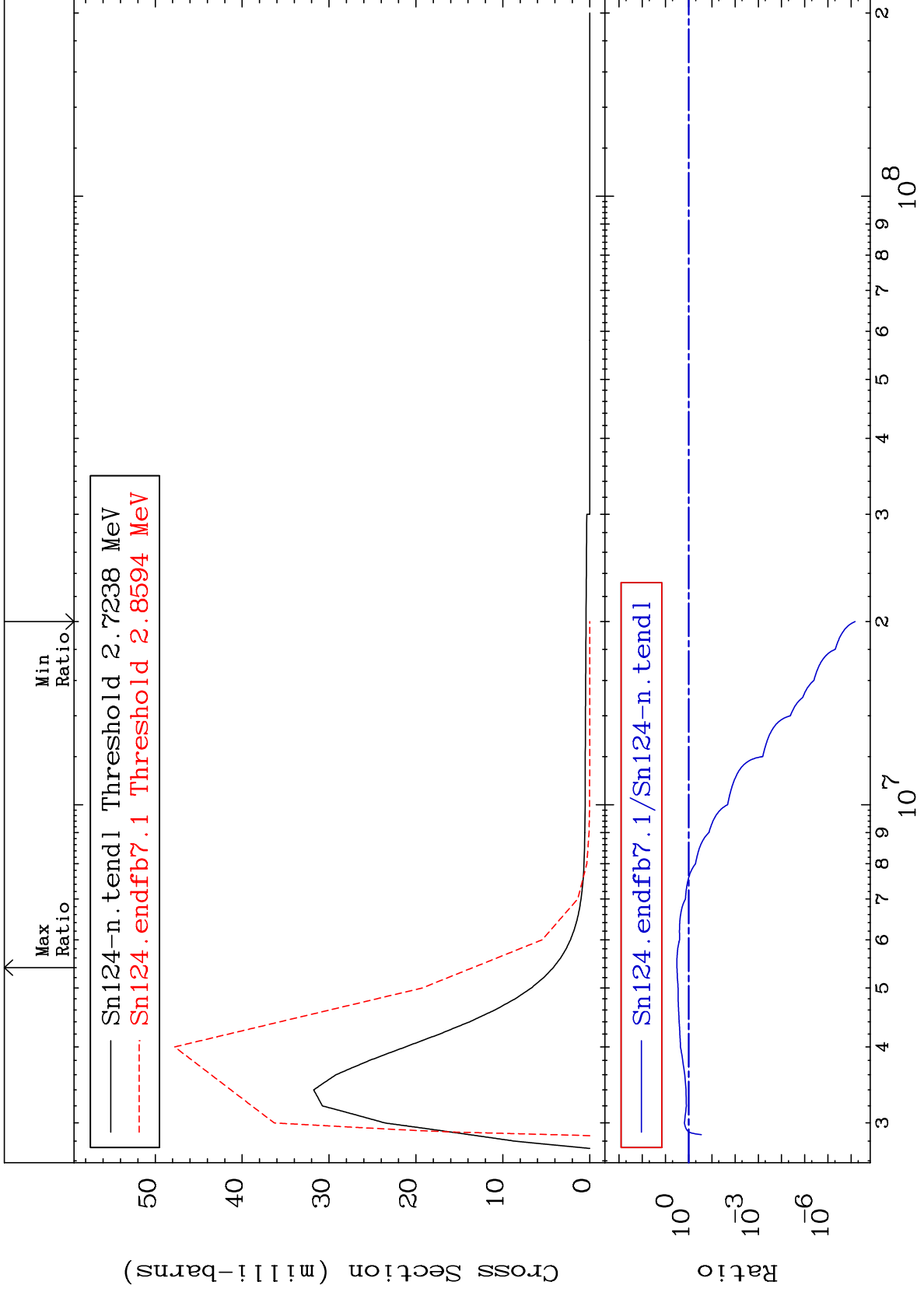
Incident Energy (eV)

50-Sn-124

MAT 5061

2.702 MeV (n,n') Level
Cross Section

50-Sn-124
-100.0 To 221.1 %



25

50-Sn-124

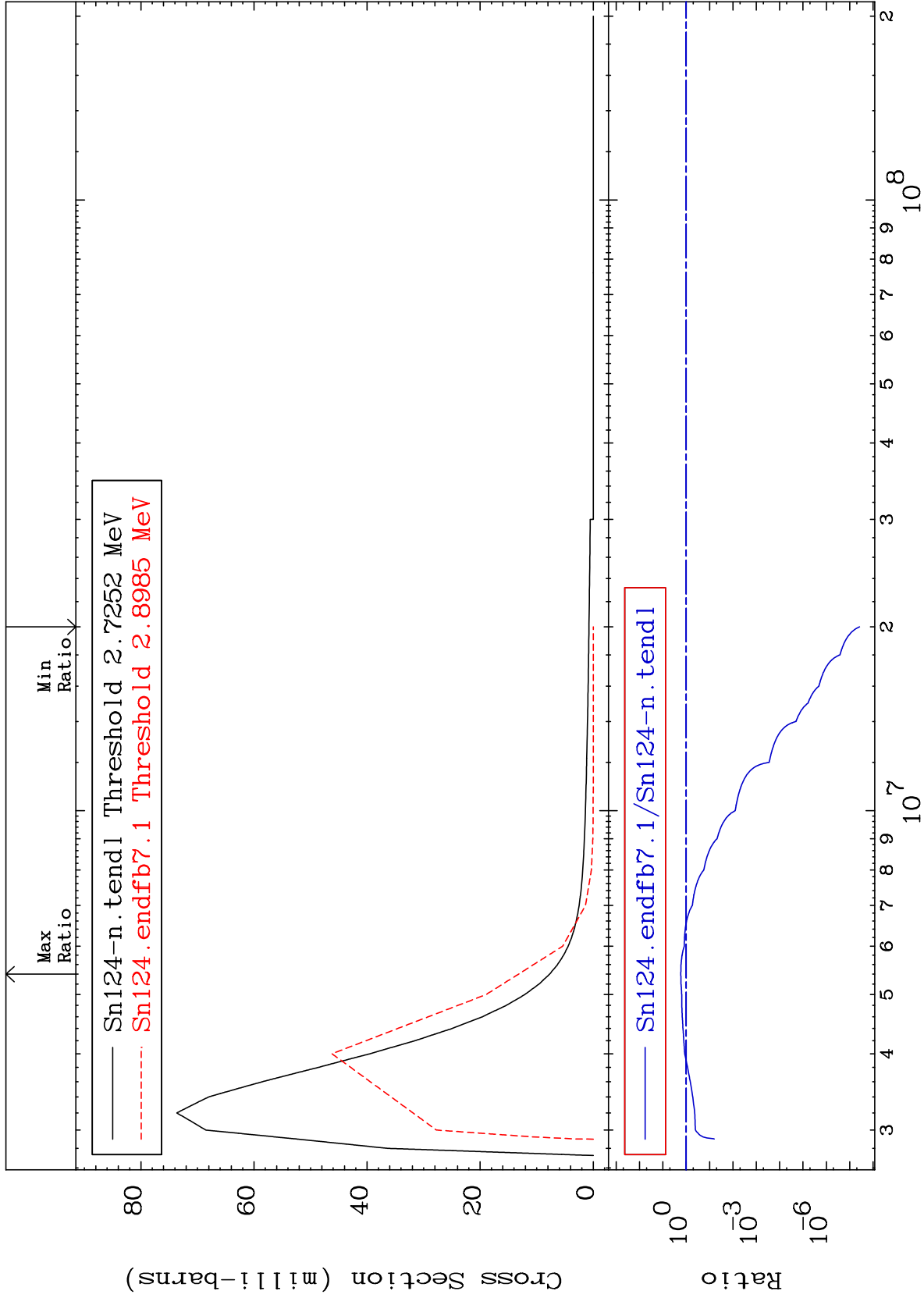
MAT 5061

2.703 MeV (n,n') Level

50-Sn-124

-100.0 To 71.35 %

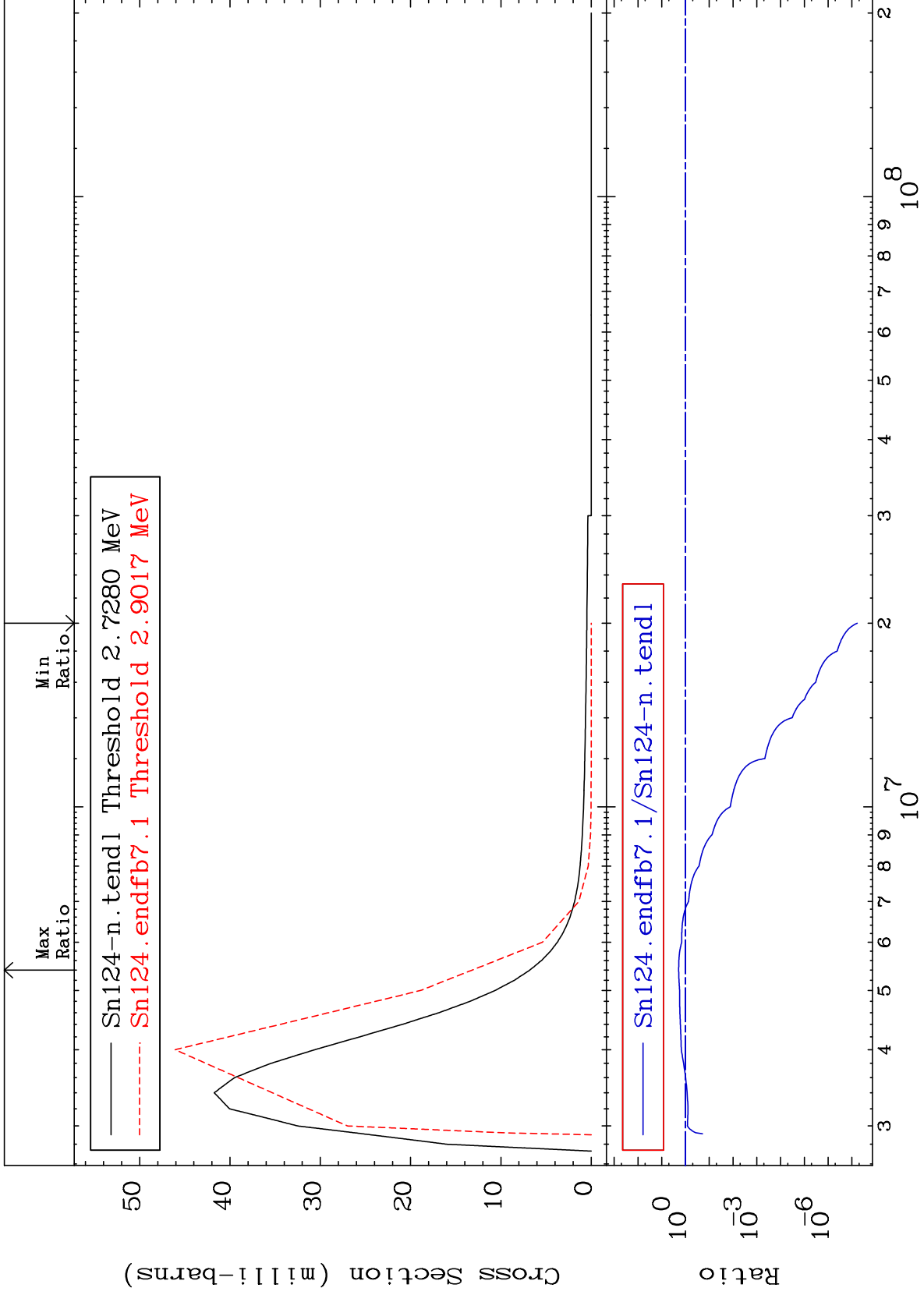
Cross Section



MAT 5061

2.706 MeV (n,n') Level
Cross Section

50-Sn-124
-100.0 To 94.27 %



27

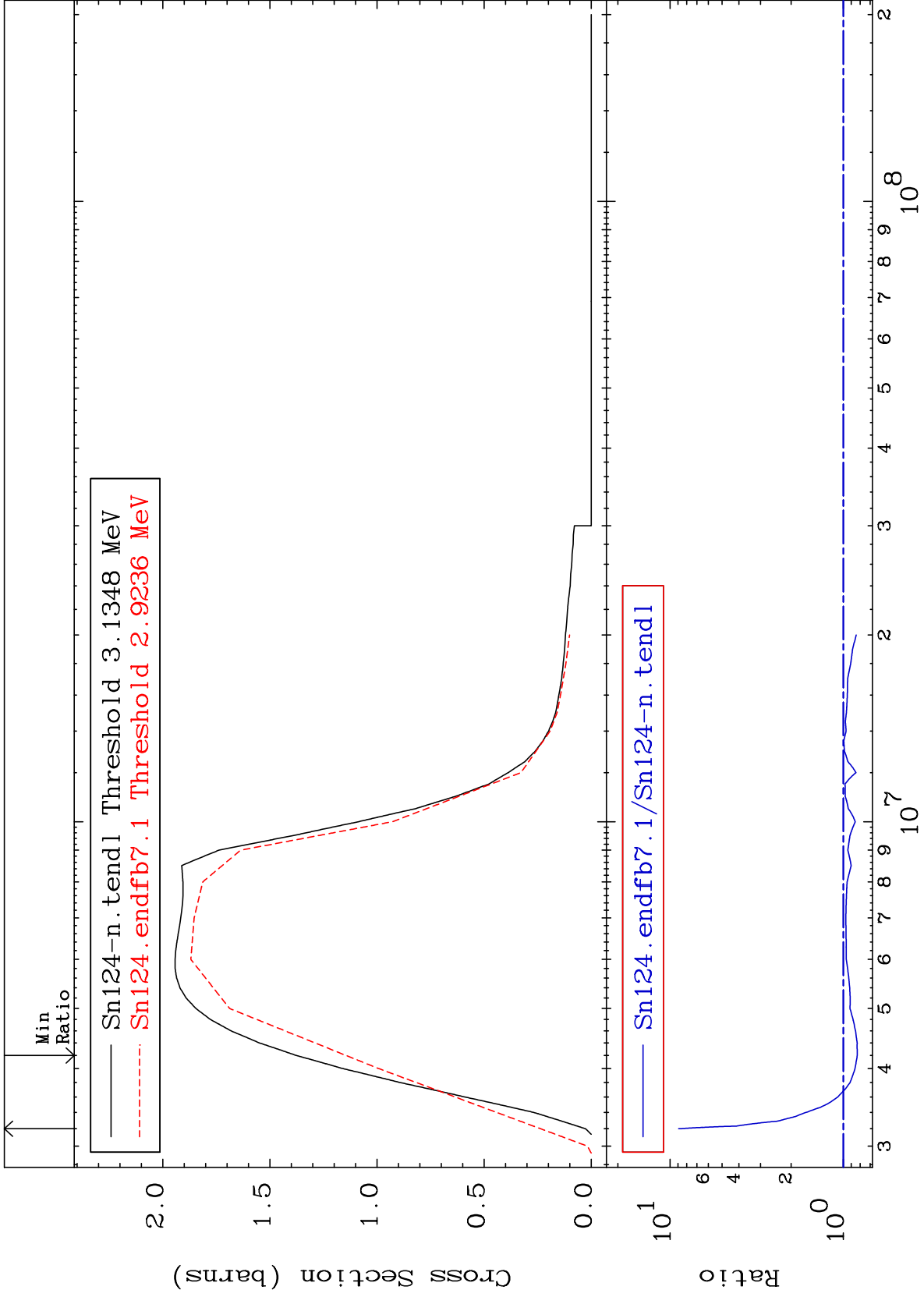
Incident Energy (eV)

50-Sn-124

MAT 5061

(n, n') Continuum
Cross Section

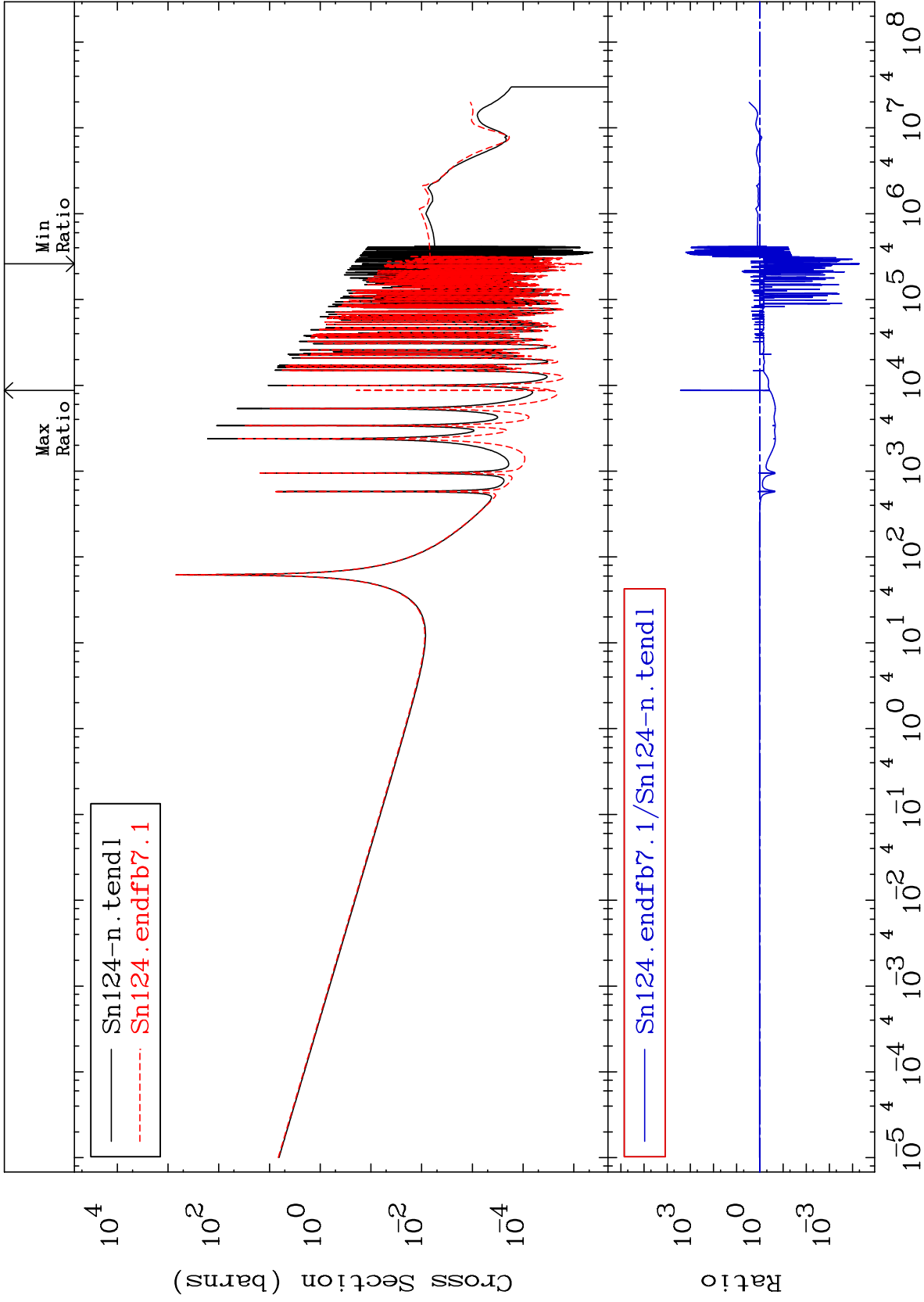
50-Sn-124
-16.89 To 791.3 %



MAT 5061

(n, γ)
Cross Section

50-Sn-124
-99.99 To 9999. %



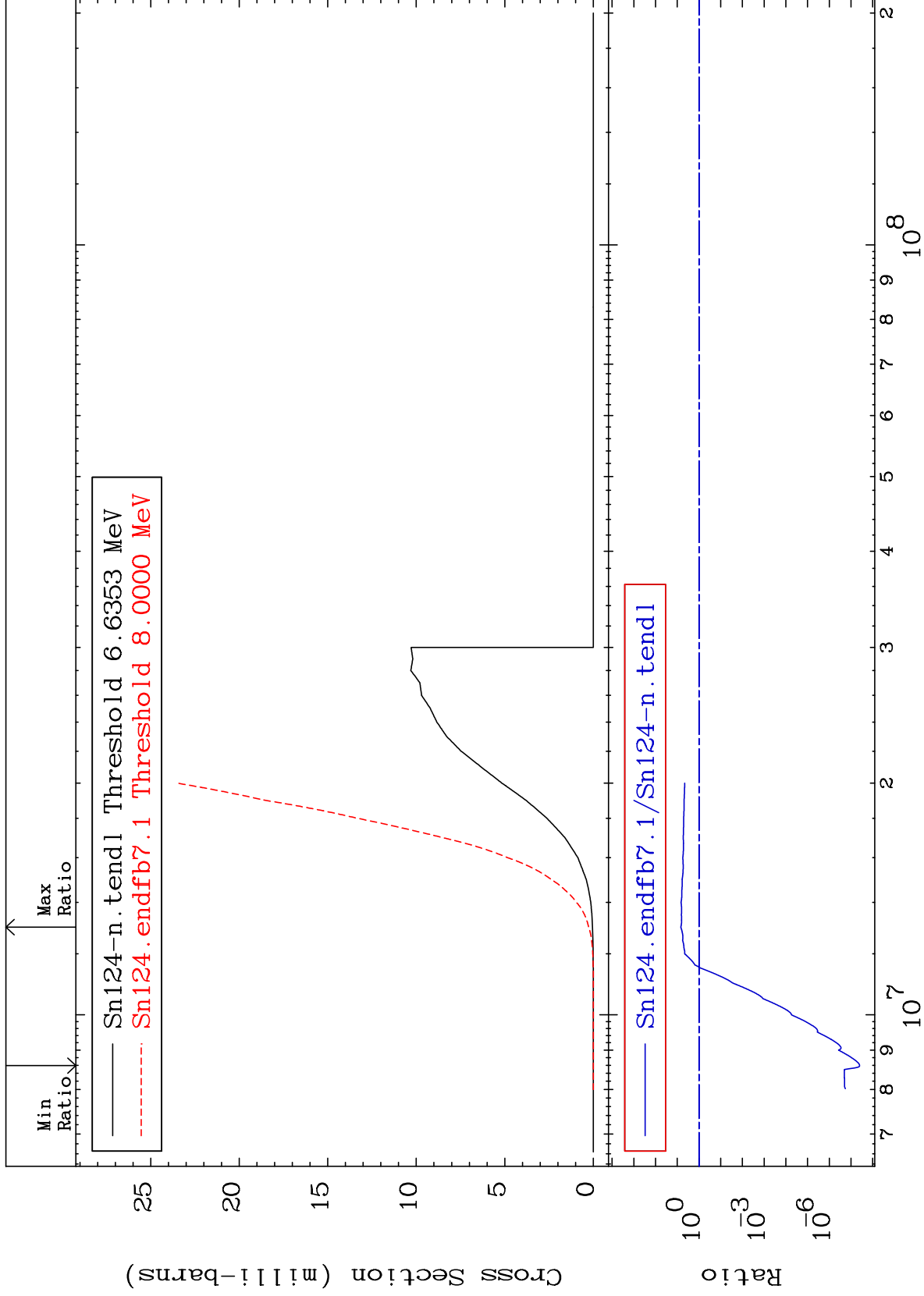
MAT 5061

(n,p)

50-Sn-124

Cross Section

-100.0 To 588.9 %



30

Incident Energy (eV)

50-Sn-124

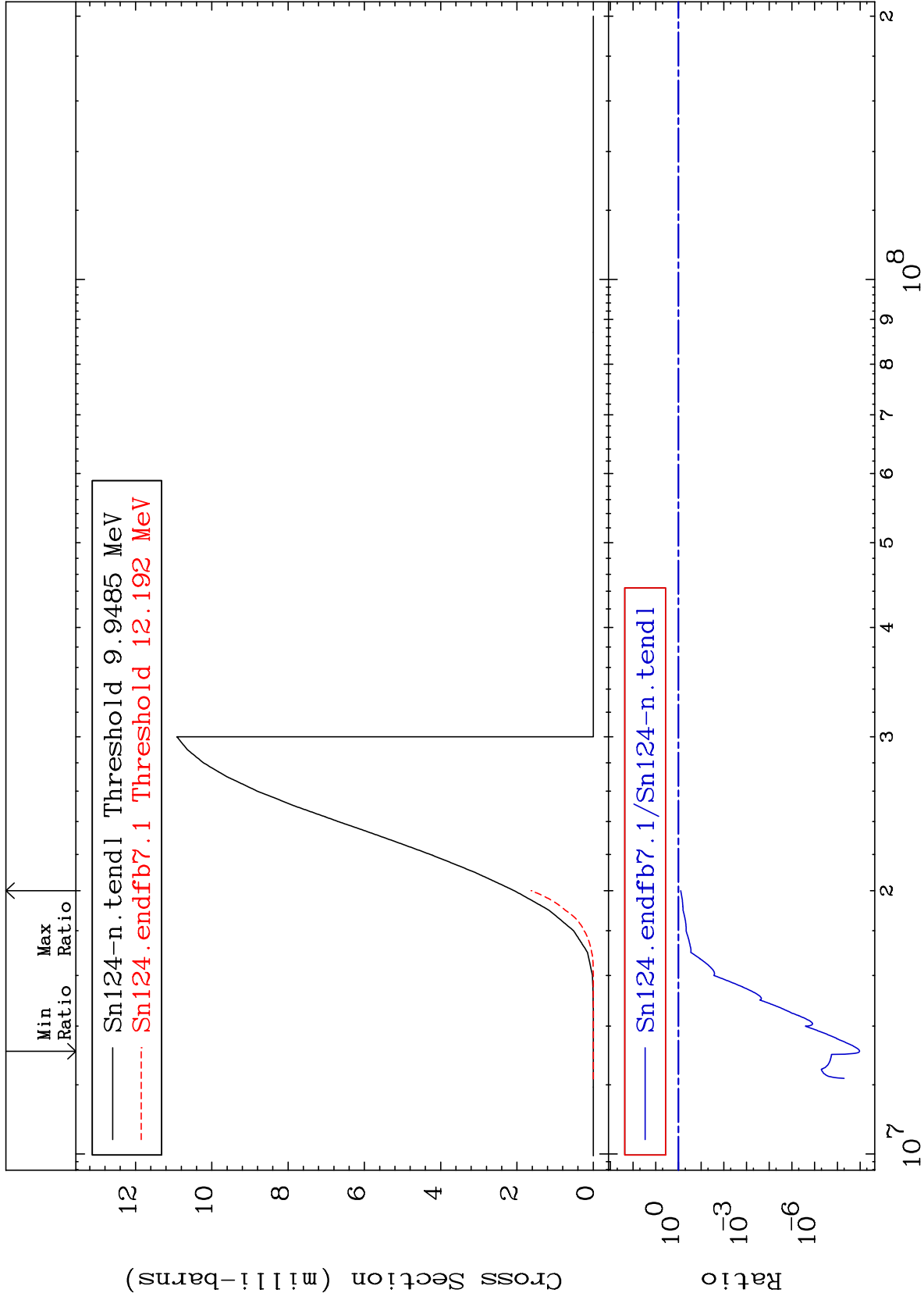
MAT 5061

(n, d)

50-Sn-124

Cross Section

-100.0 To -21.17%



31

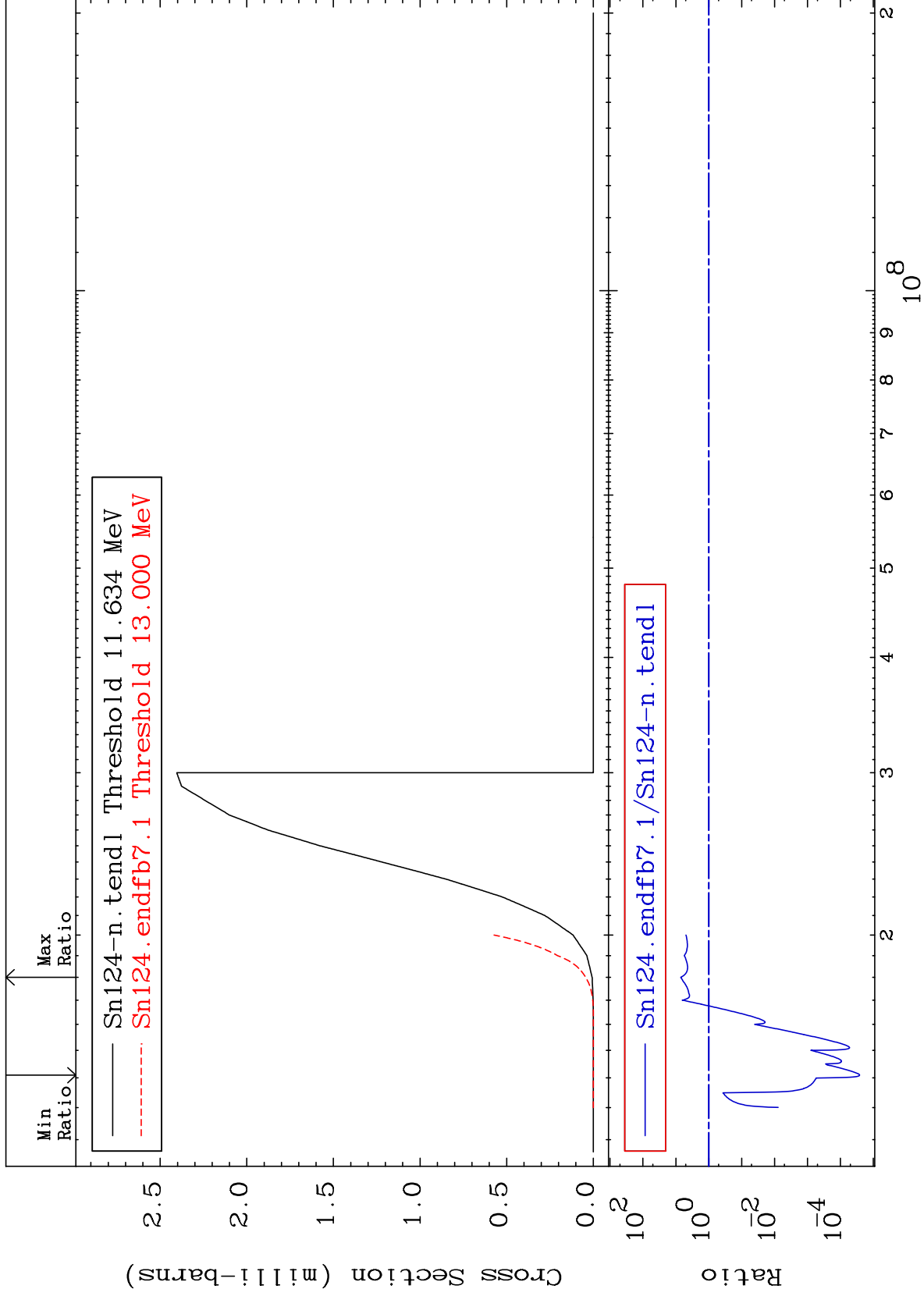
Incident Energy (eV)

50-Sn-124

MAT 5061

(n, t)
Cross Section

50-Sn-124
-100.0 To 608.2 %



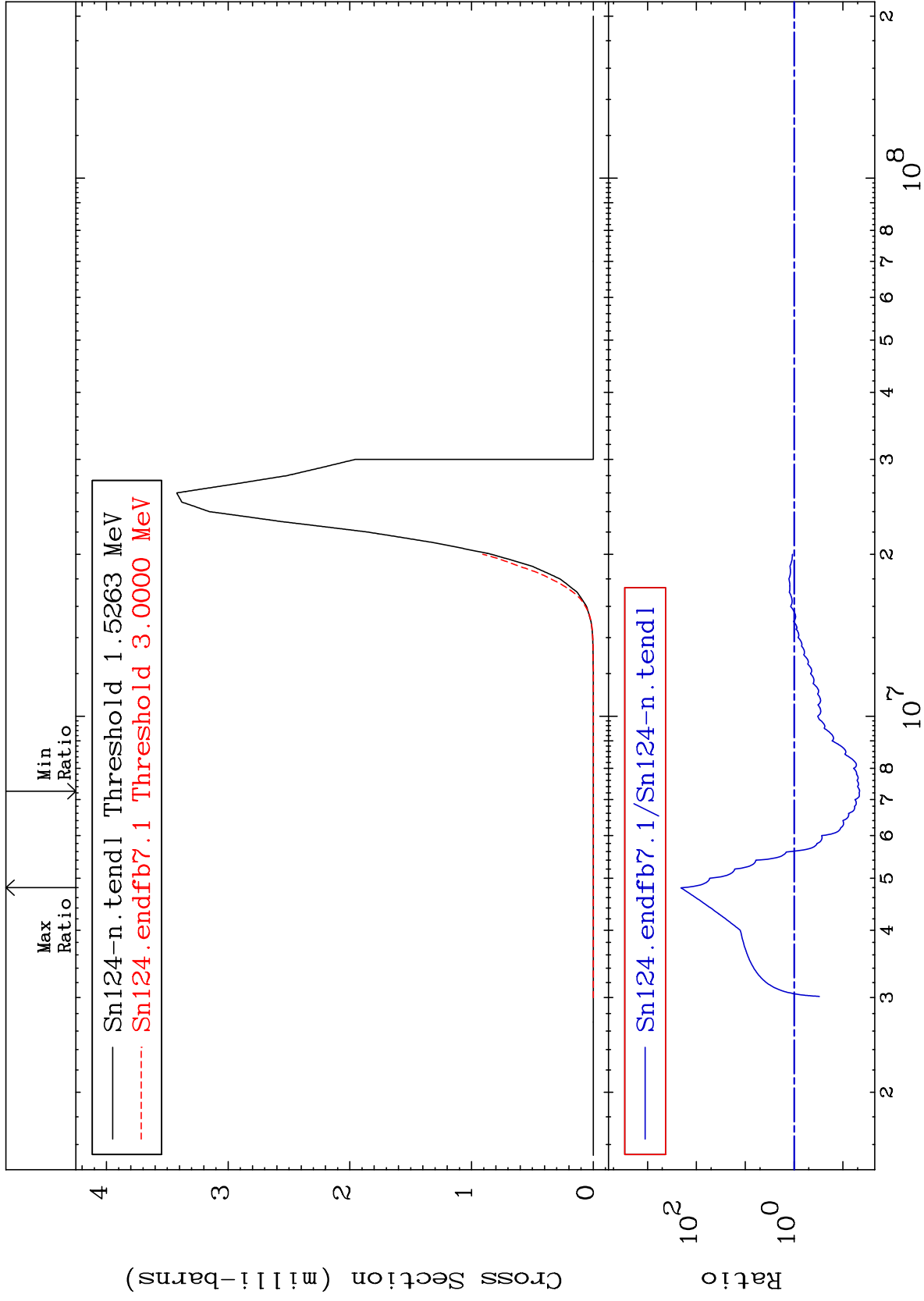
MAT 5061

(n, α)

50-Sn-124

Cross Section

-95.42 To 9999. %



33

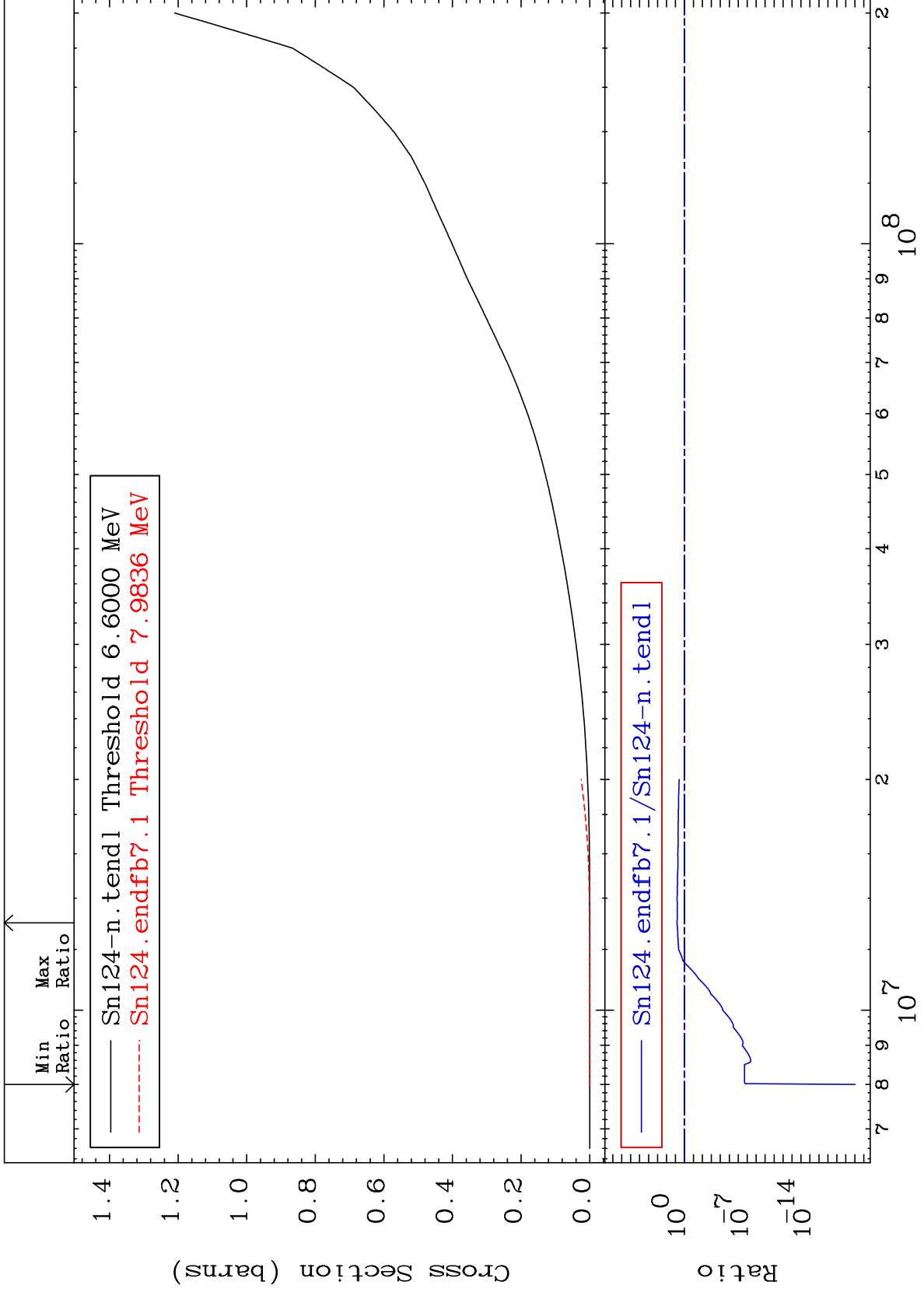
Incident Energy (eV)

50-Sn-124

MAT 5061

Hydrogen Production
Cross Section

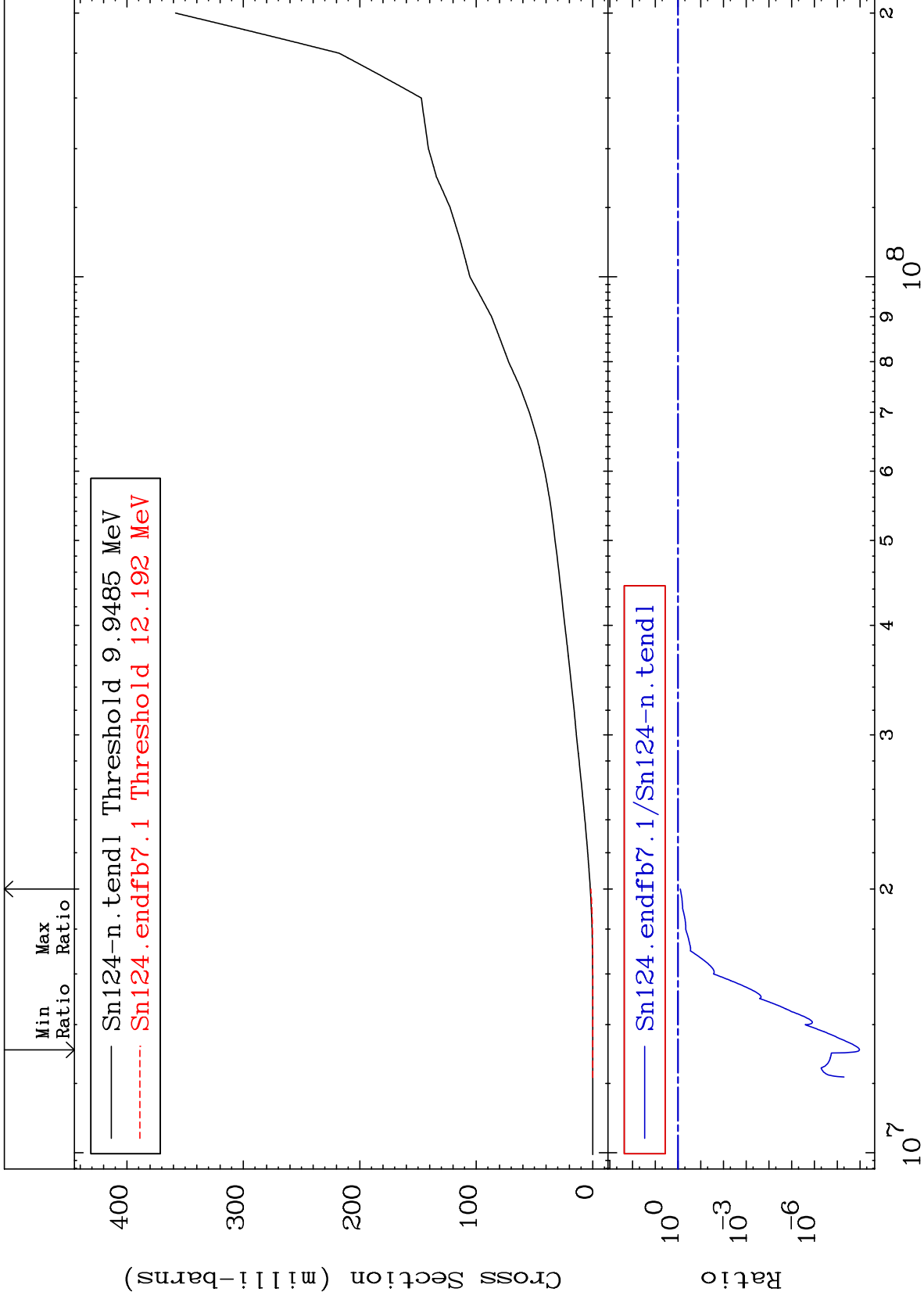
50-Sn-124
-100.0 To 588.9 %



MAT 5061

Deuterium Production
Cross Section

50-Sn-124
-100.0 To -21.17%



35

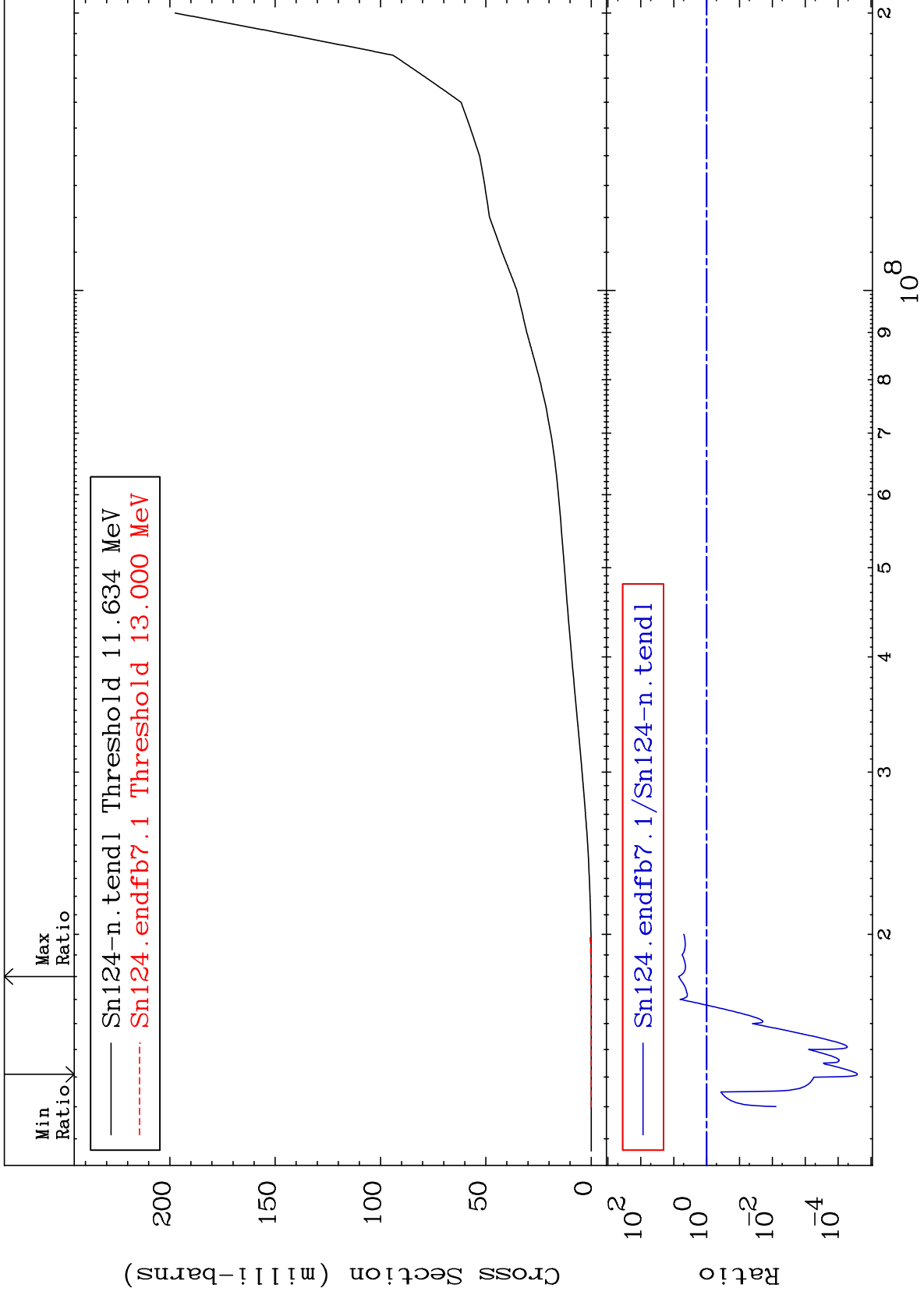
Incident Energy (eV)

50-Sn-124

MAT 5061

Tritium Production
Cross Section

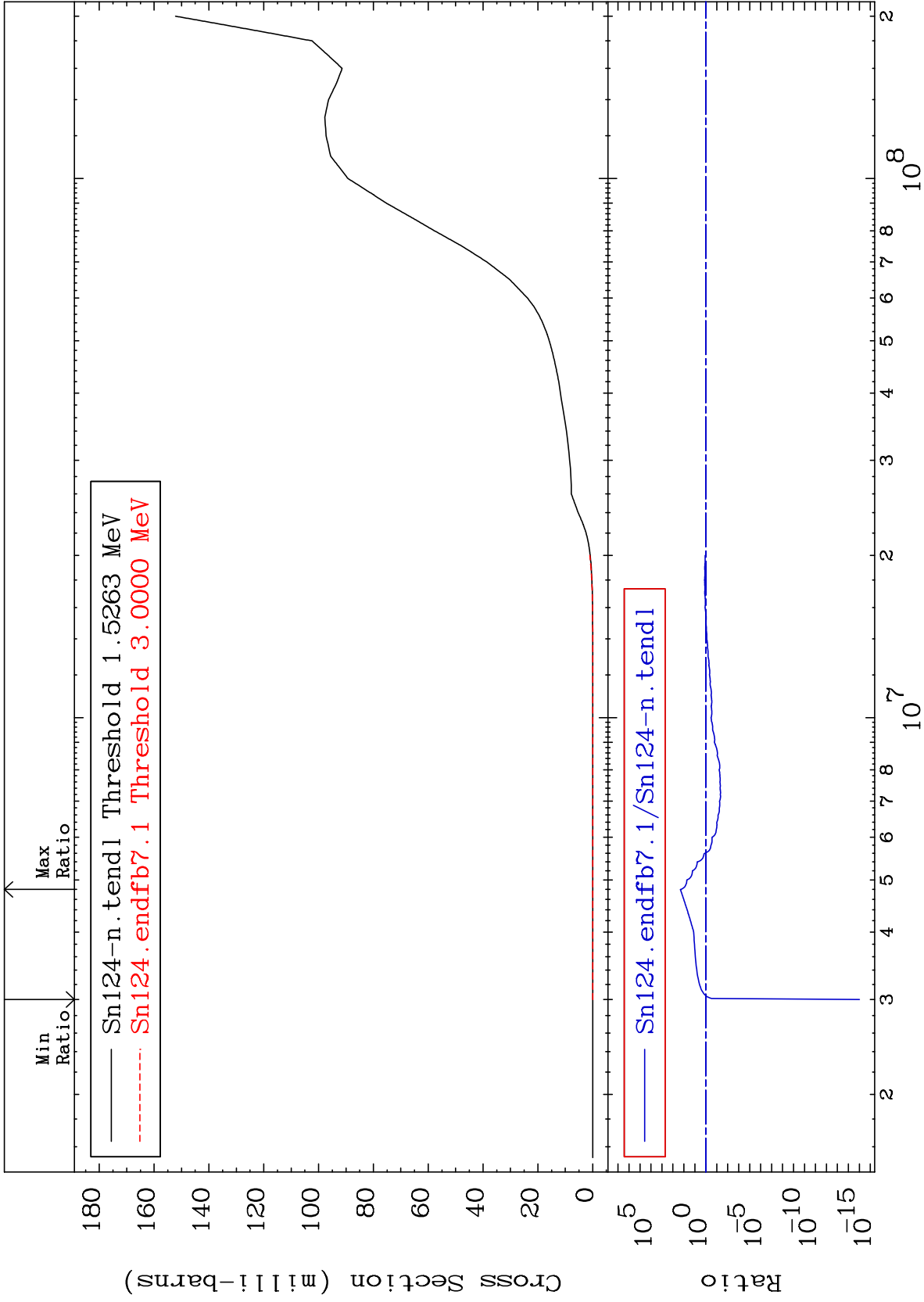
50-Sn-124
-100.0 To 608.2 %



MAT 5061

He-4 Production
Cross Section

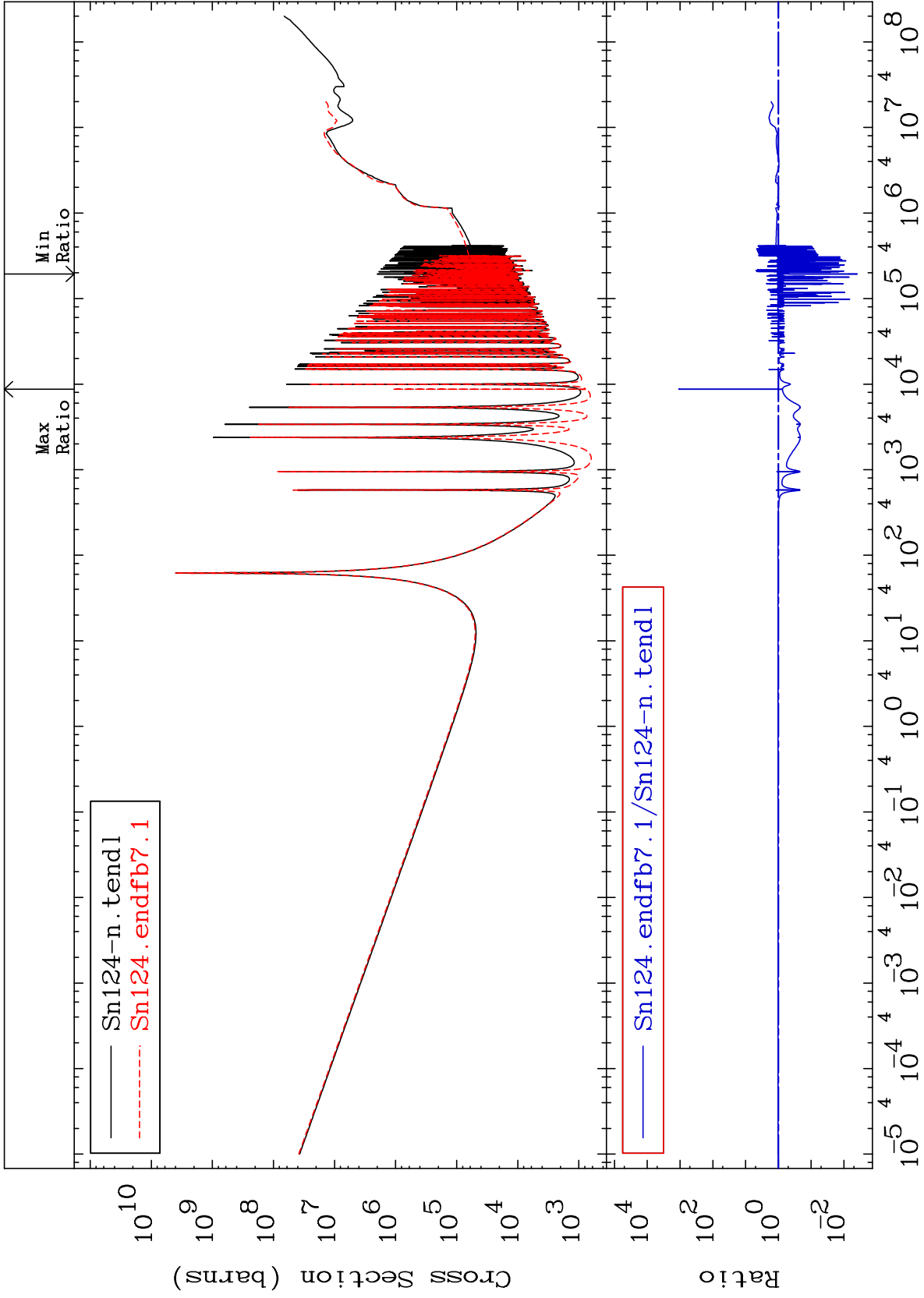
50-Sn-124
-100.0 To 9999. %



MAT 5061

Kerma total (eV-barns)
Cross Section

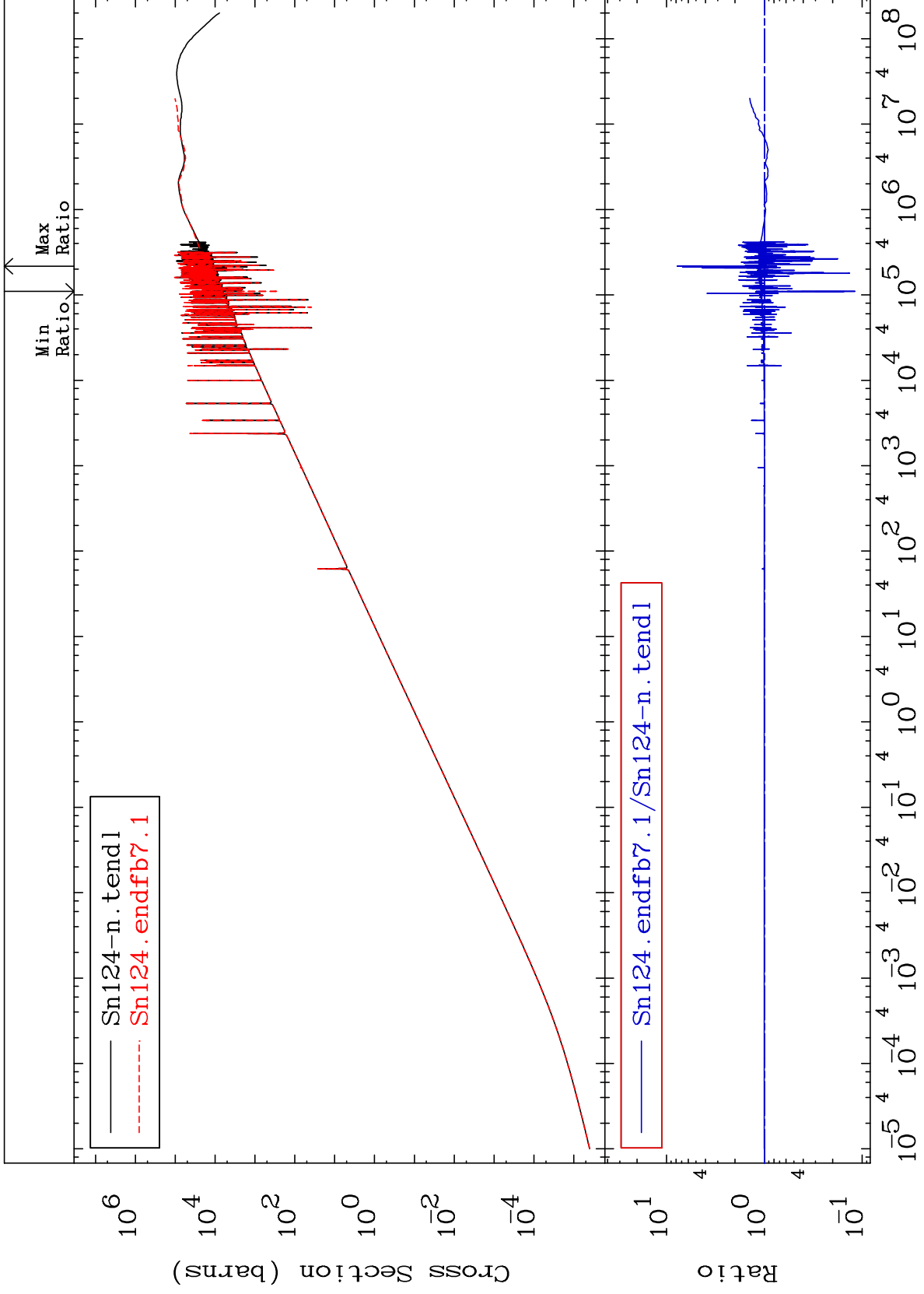
50-Sn-124
-99.61 To 9999. %



MAT 5061

Kerma elastic
Cross Section

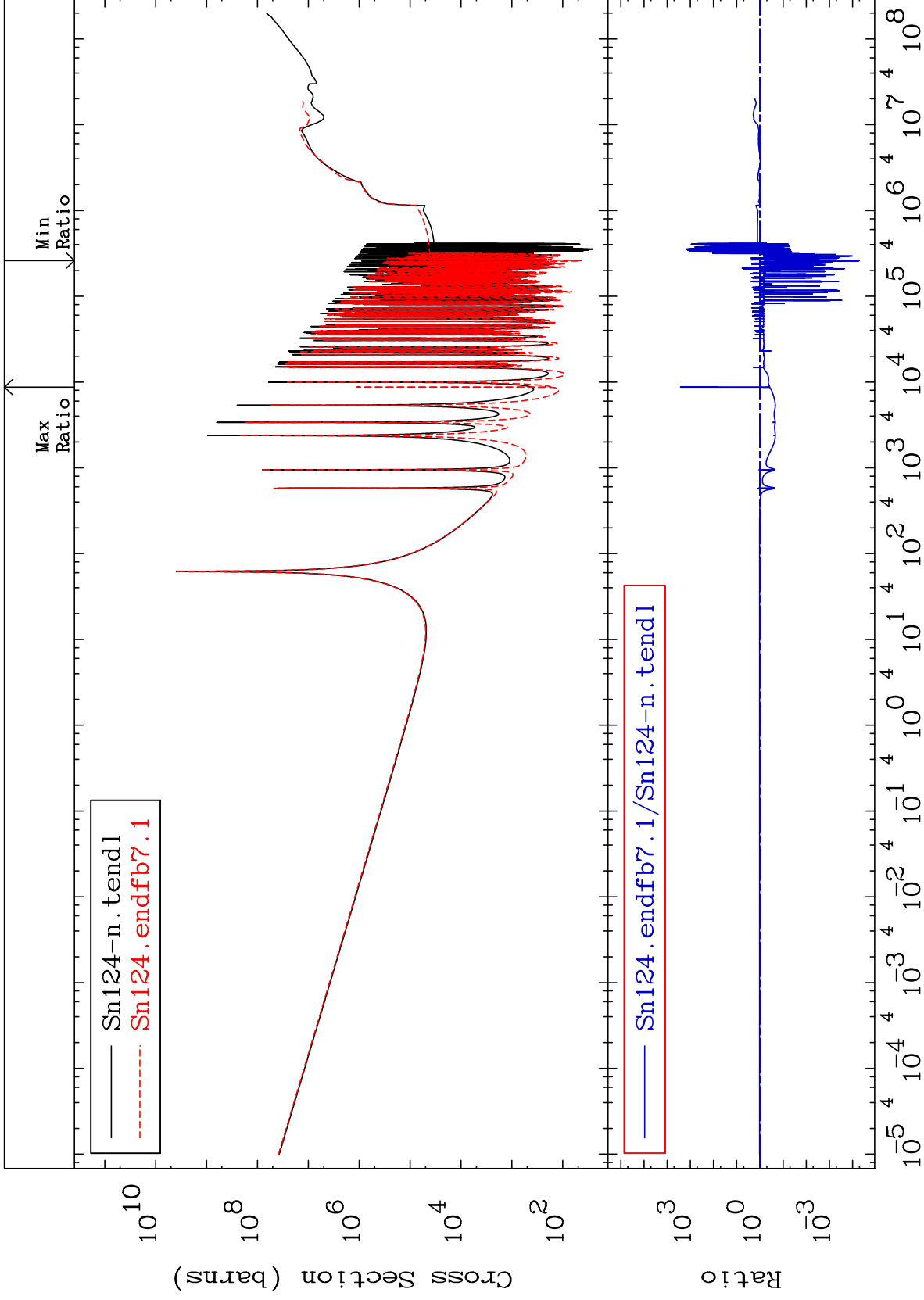
50-Sn-124
-88.18 To 683.8 %



MAT 5061

Kerma non-elastic (all but mt2)
Cross Section

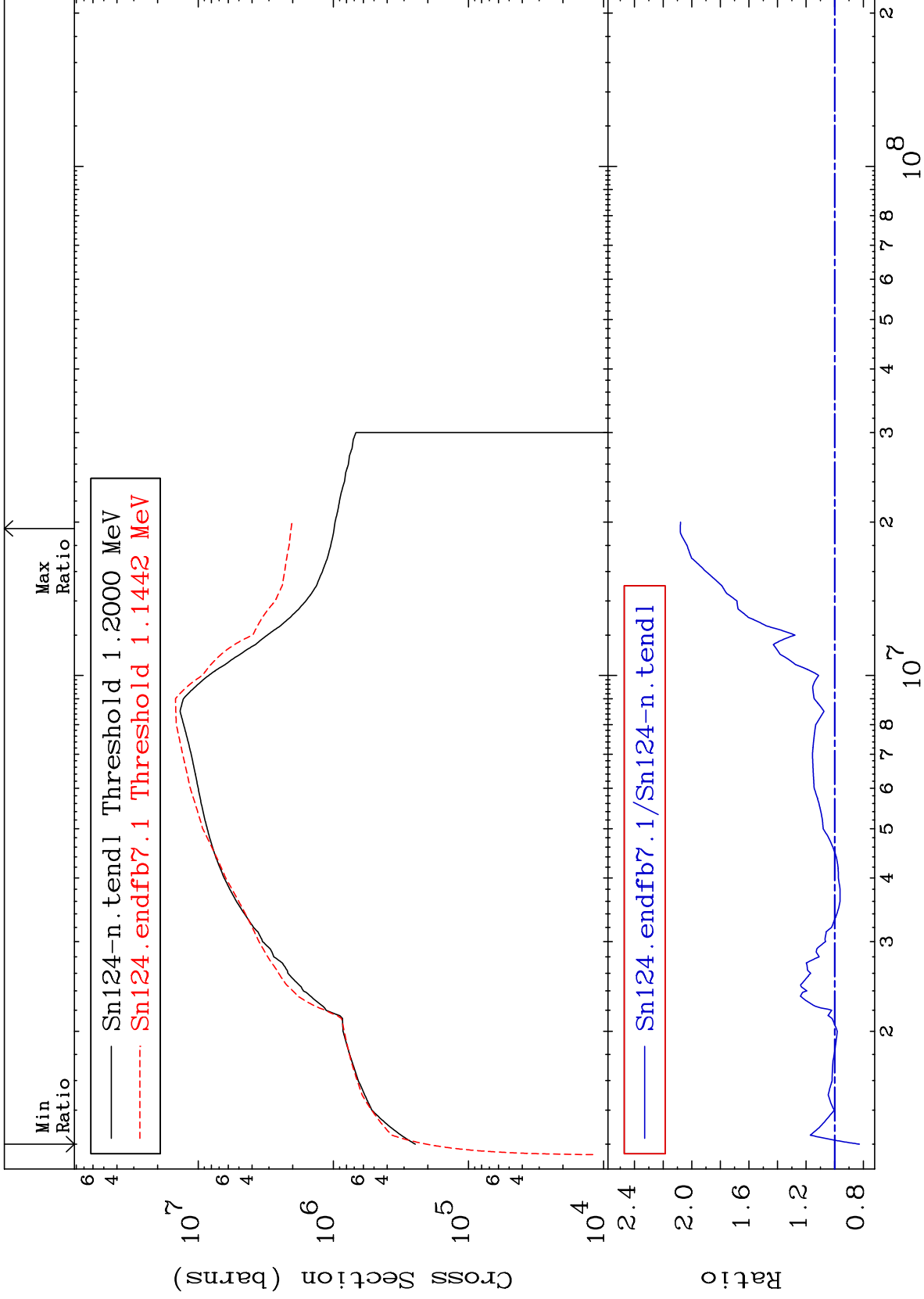
50-Sn-124
-99.99 To 9999. %



40

Incident Energy (eV)

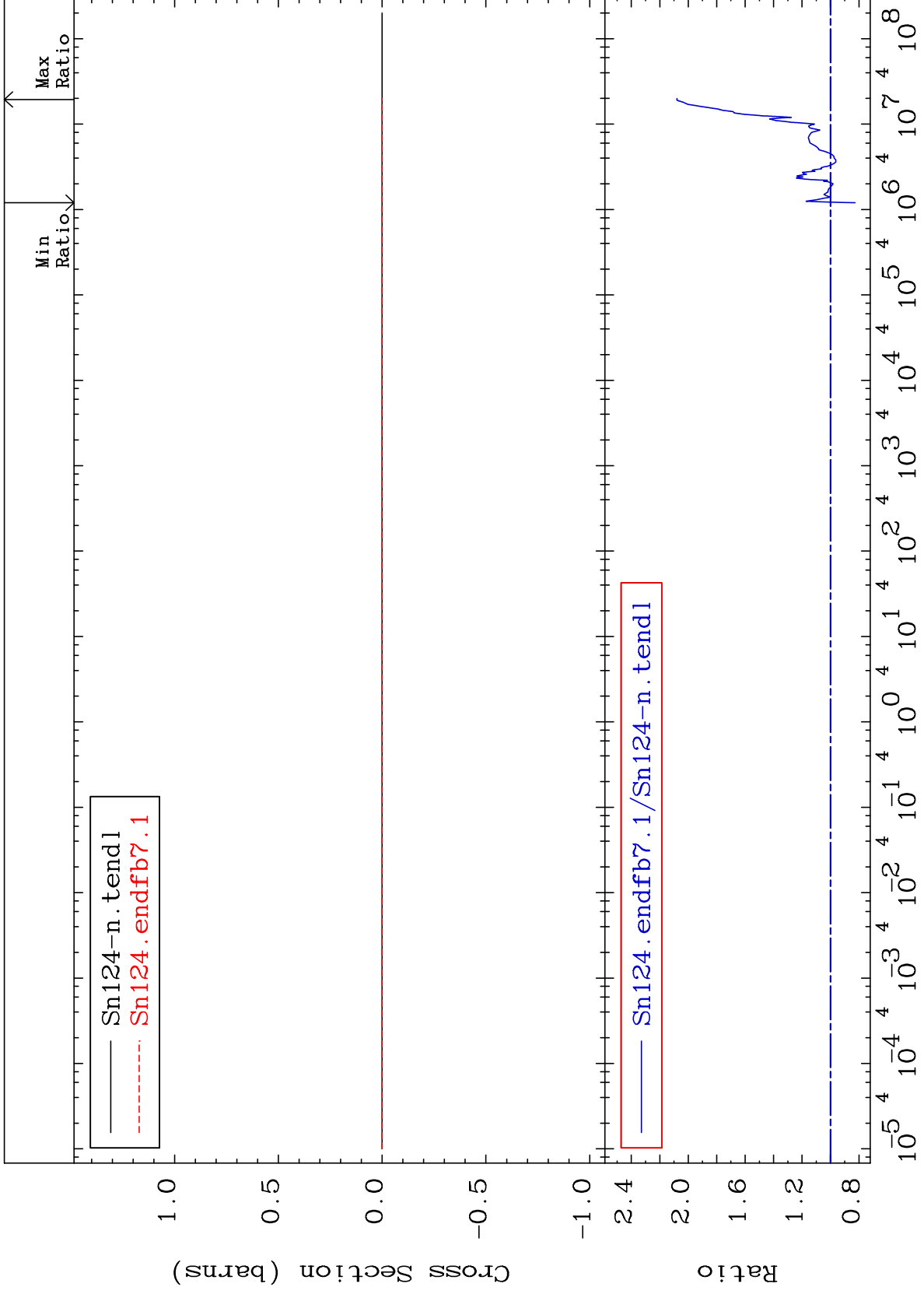
50-Sn-124



MAT 5061

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

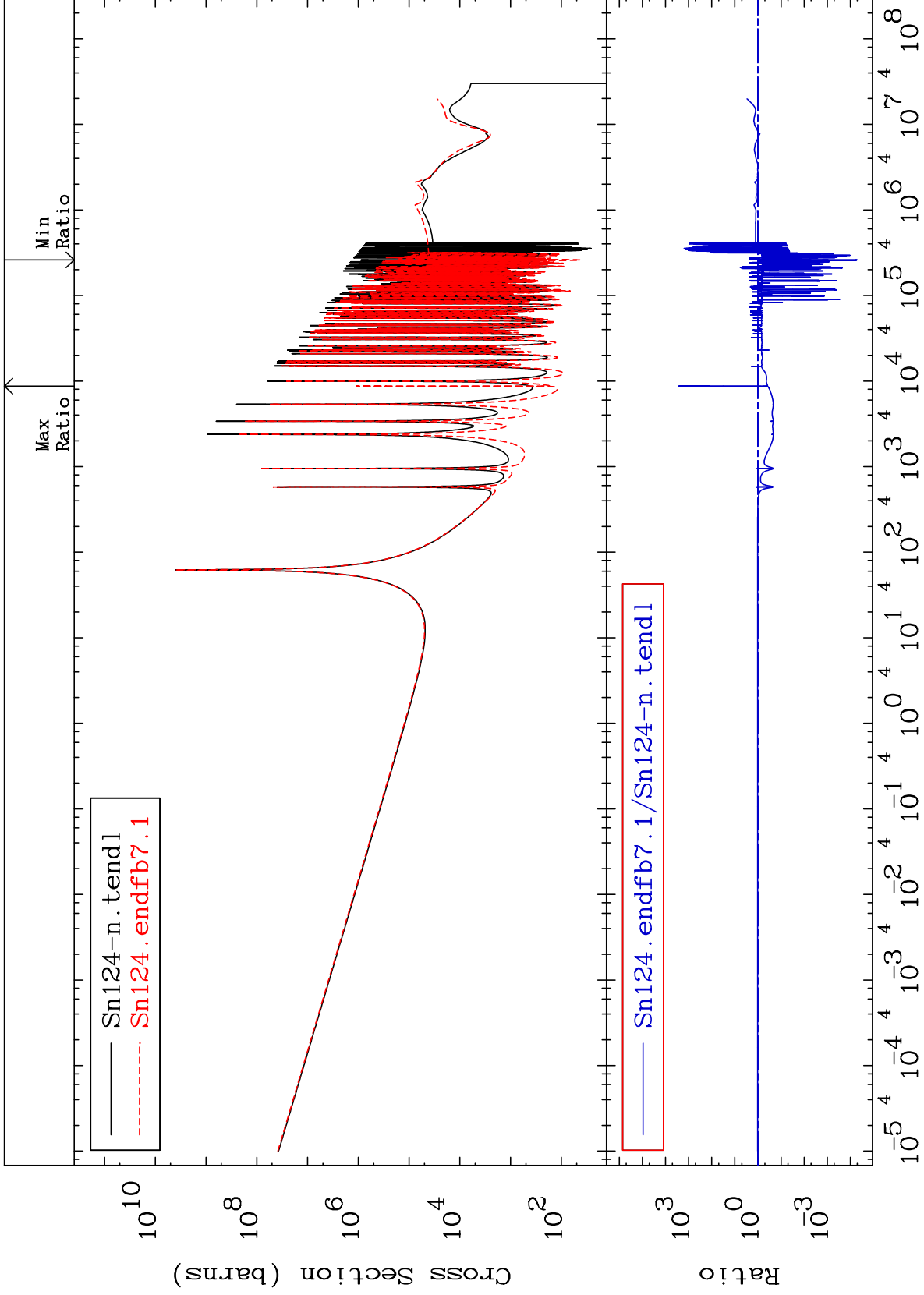
50-Sn-124
-17.29 To 108.0 %

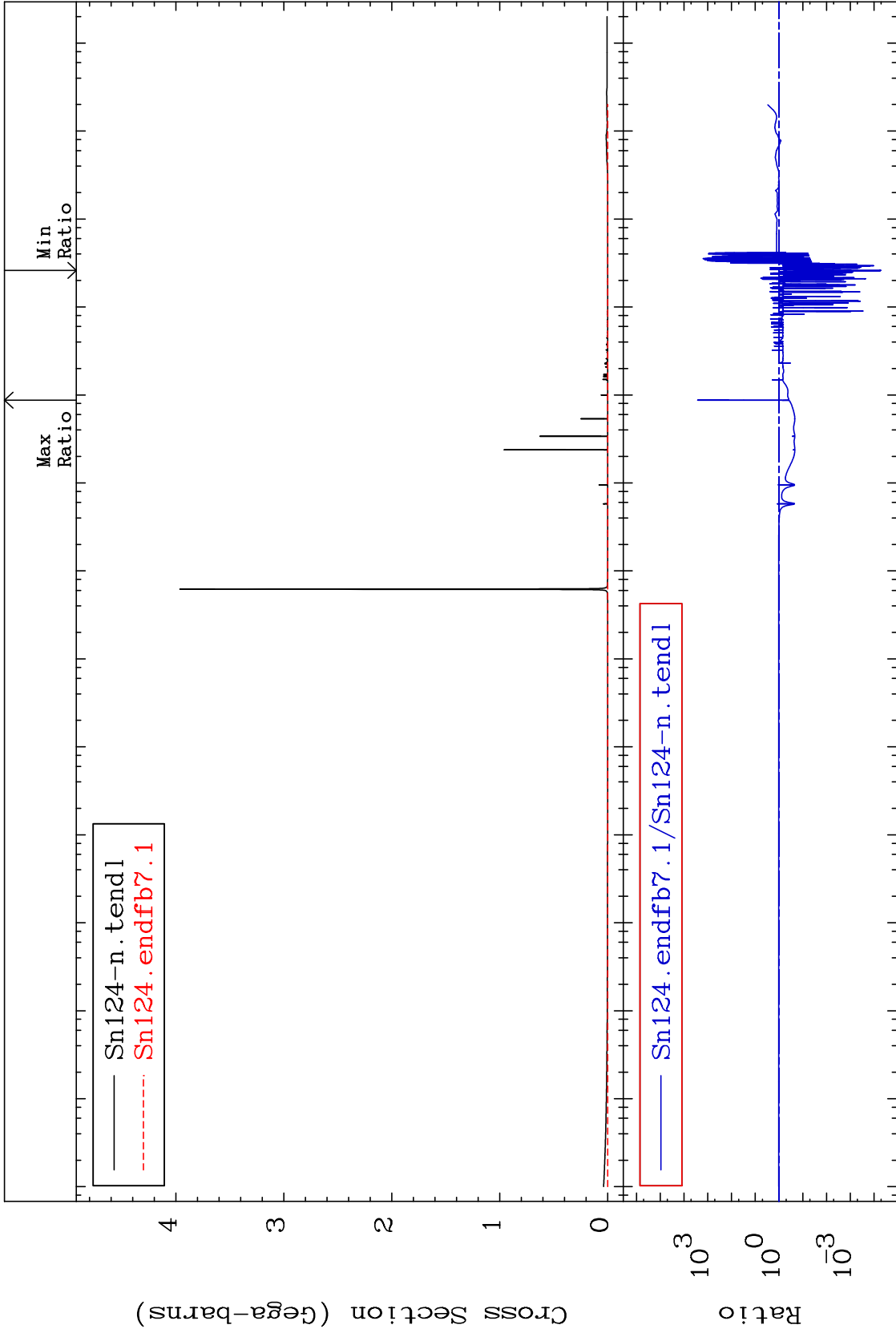


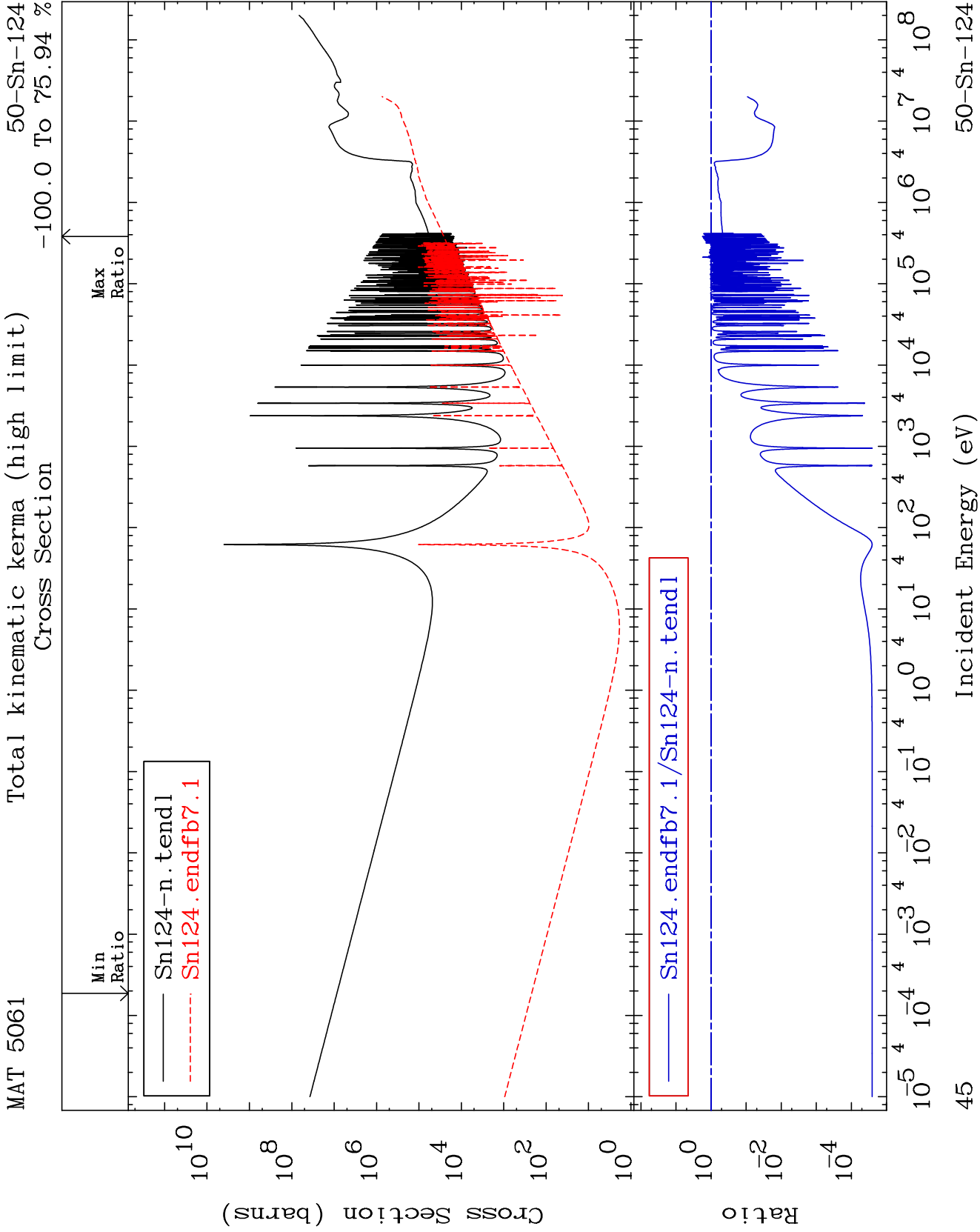
MAT 5061

Kerma capture (mt102)
Cross Section

50-Sn-124
-99.99 To 9999. %



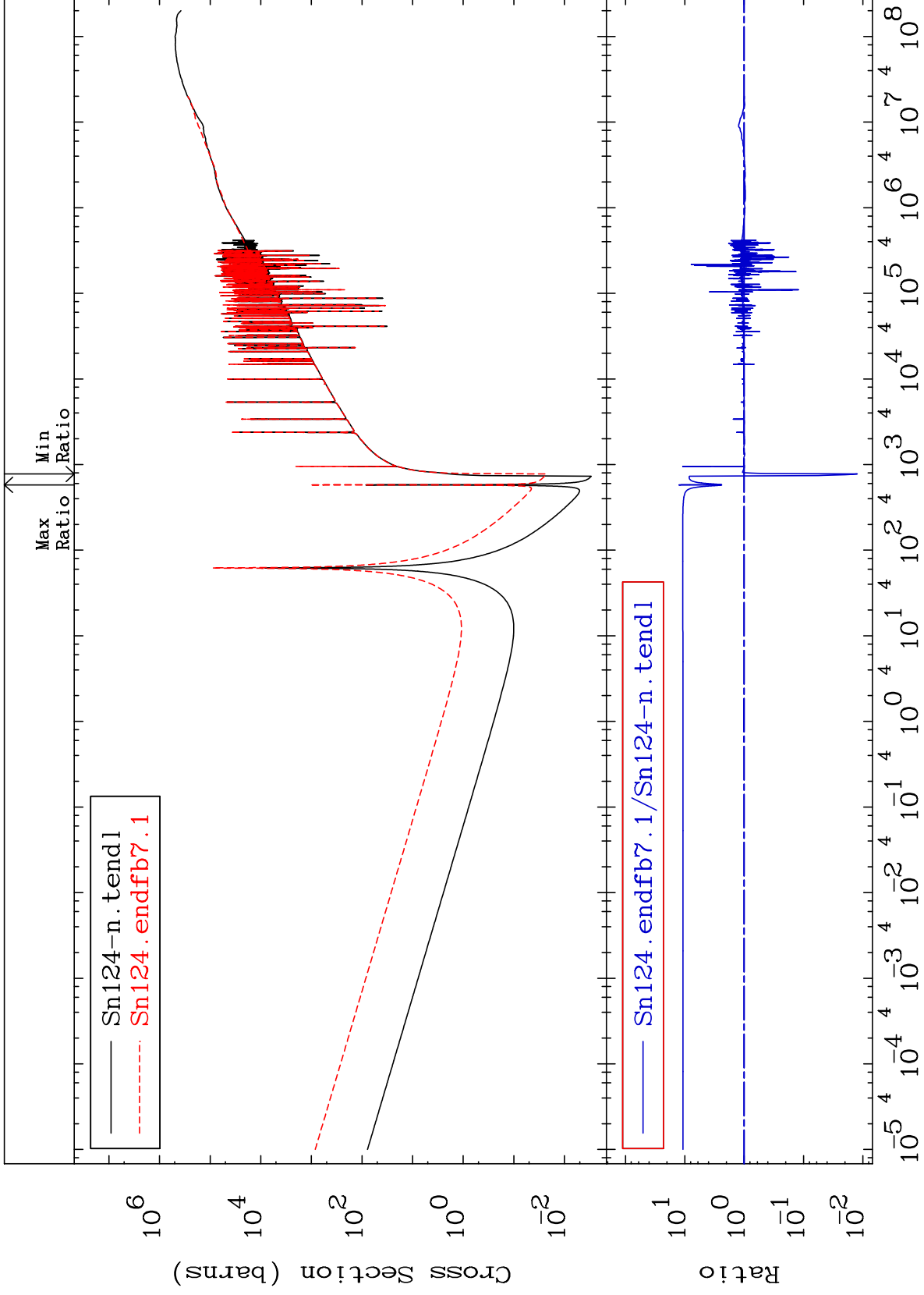




MAT 5061

Dpa total (eV-barns)
Cross Section

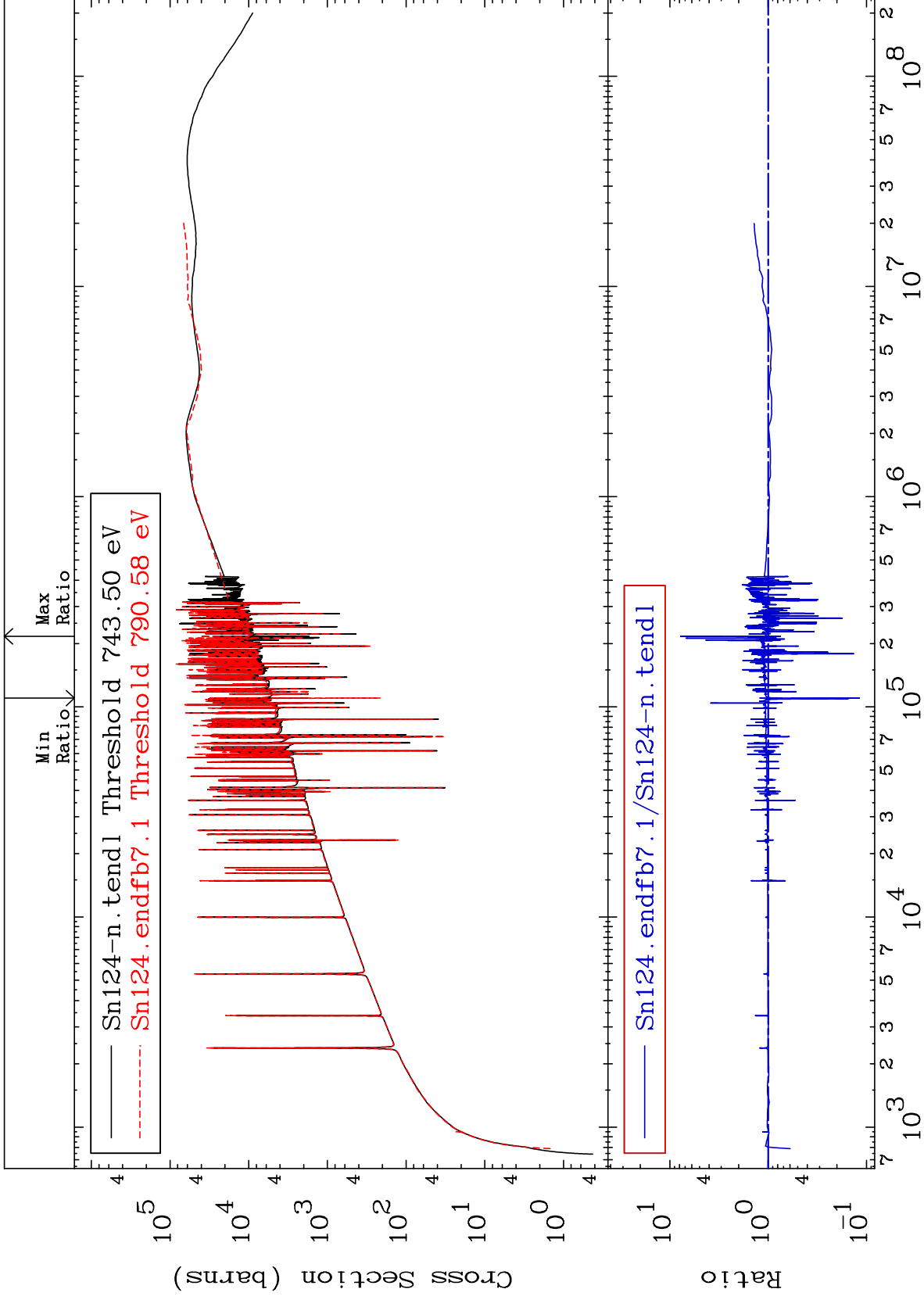
50-Sn-124
-98.75 To 1172. %



MAT 5061

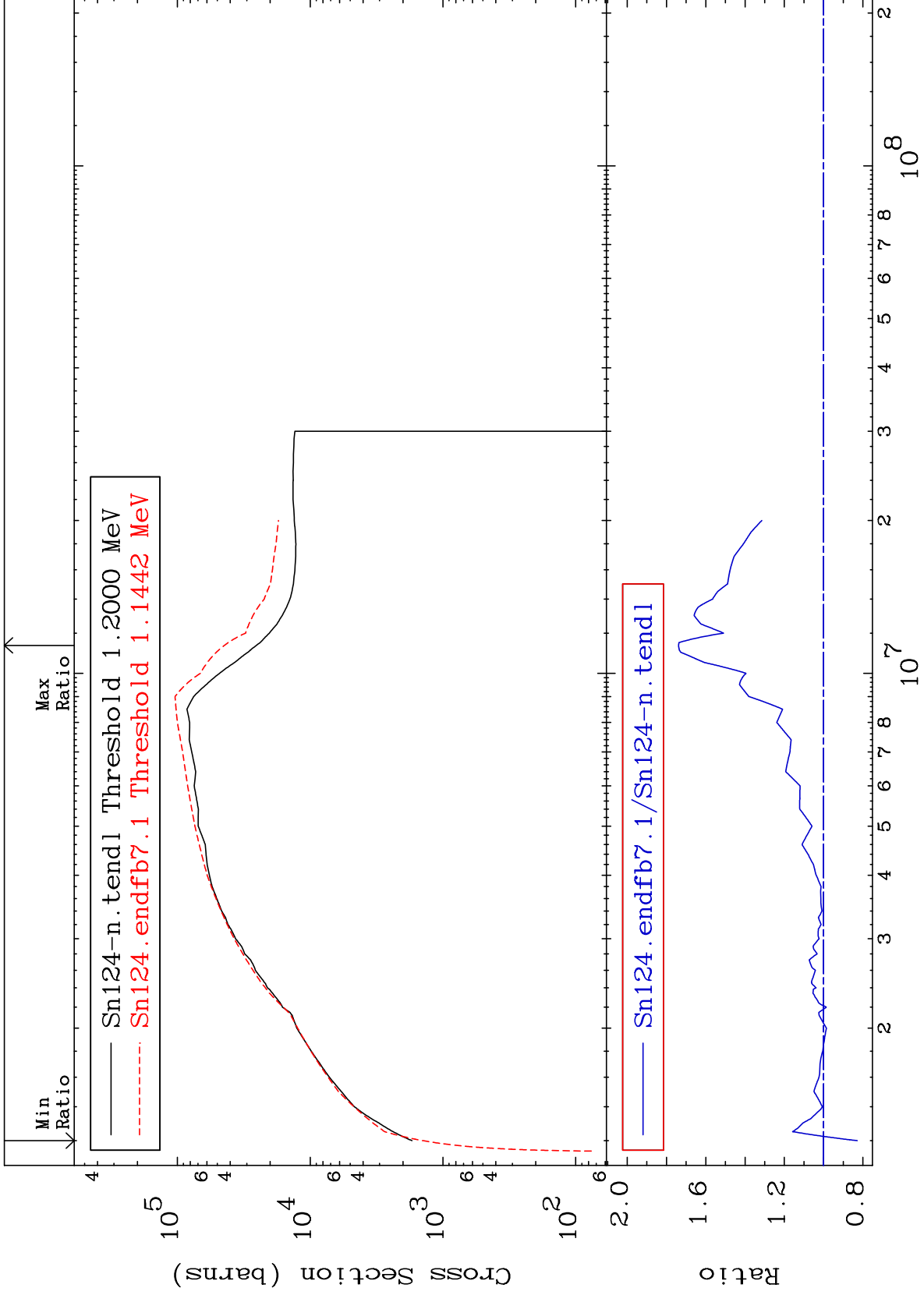
Dpa elastic (mt2)
Cross Section

50-Sn-124
-88.19 To 682.3 %



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50-Sn-124



MAT 5061

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-124
-99.20 To 9999. %

