

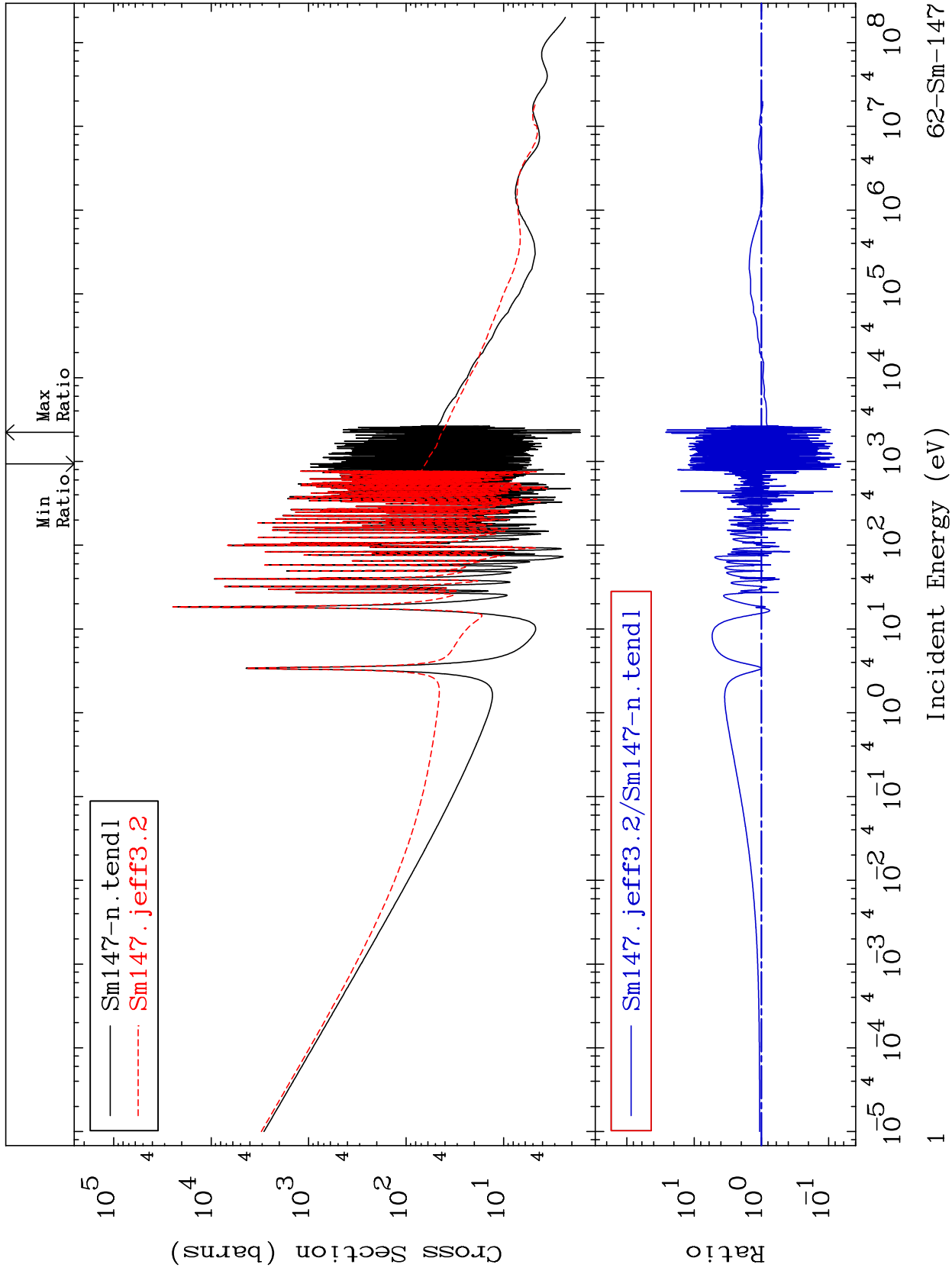
MAT 6234

Total

62-Sm-147

Cross Section

-93.40 To 2527. %



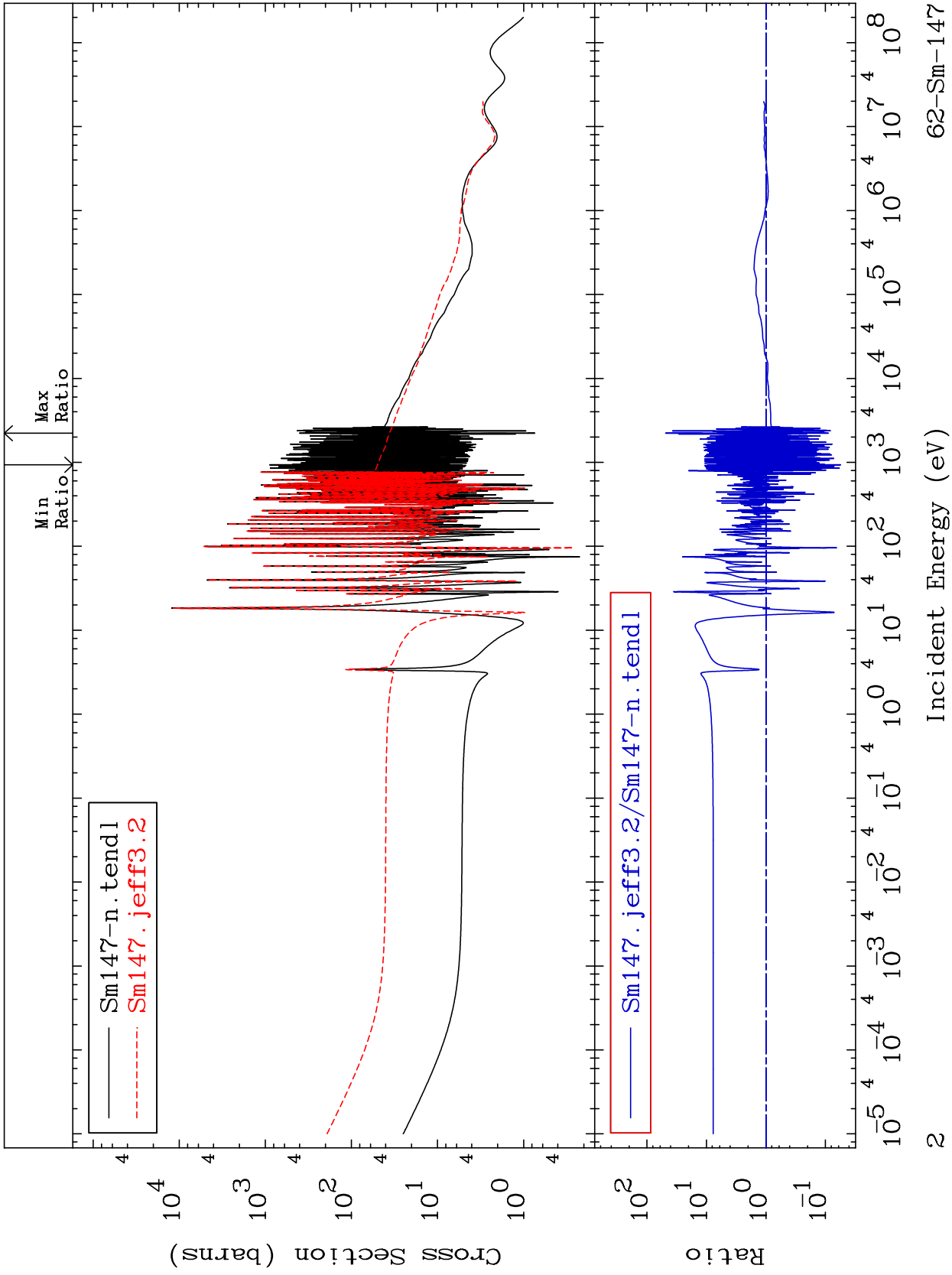
Incident Energy (eV)

62-Sm-147

MAT 6234

Elastic
Cross Section

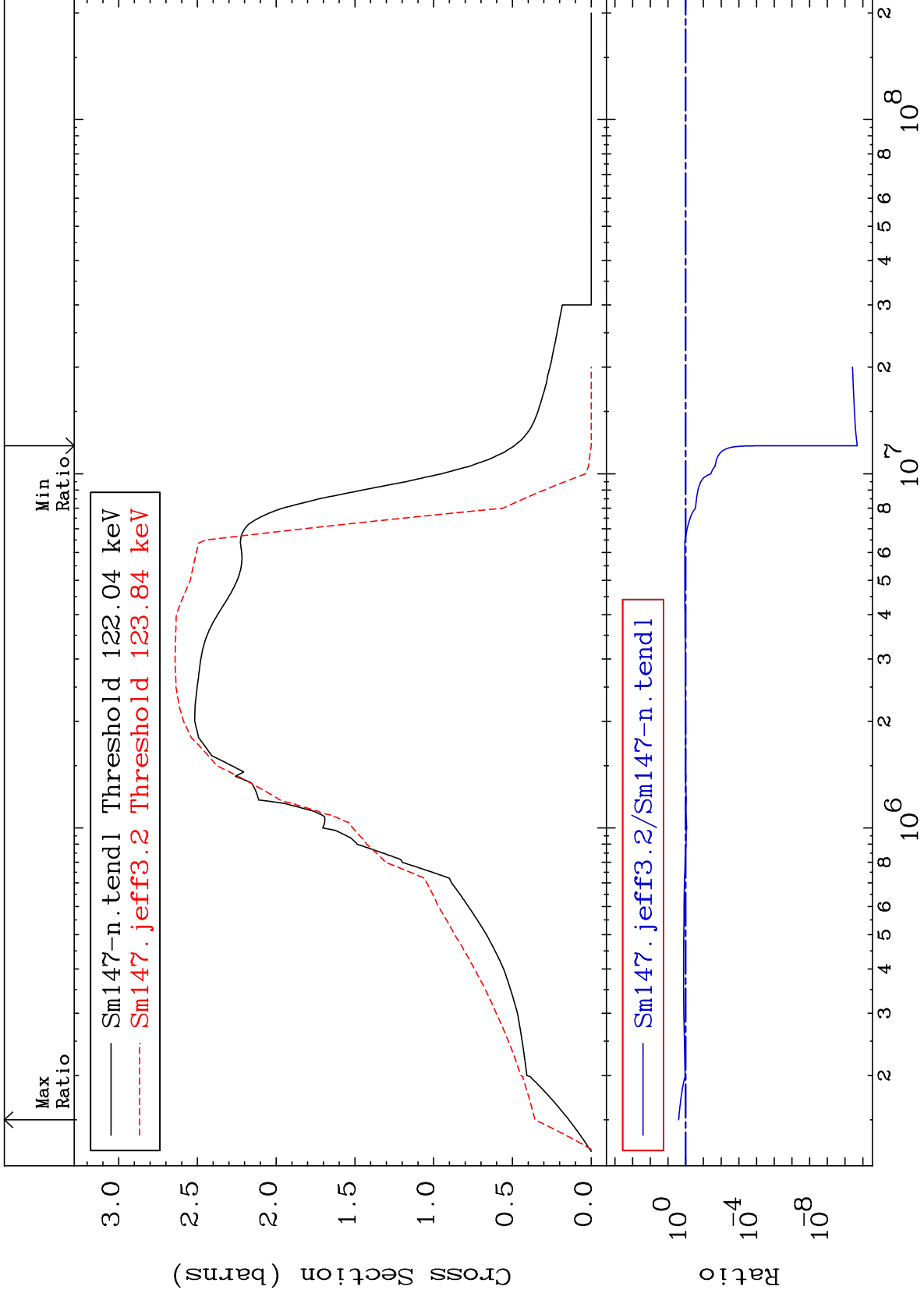
62-Sm-147
-94.45 To 4781. %



MAT 6234

Inelastic
Cross Section

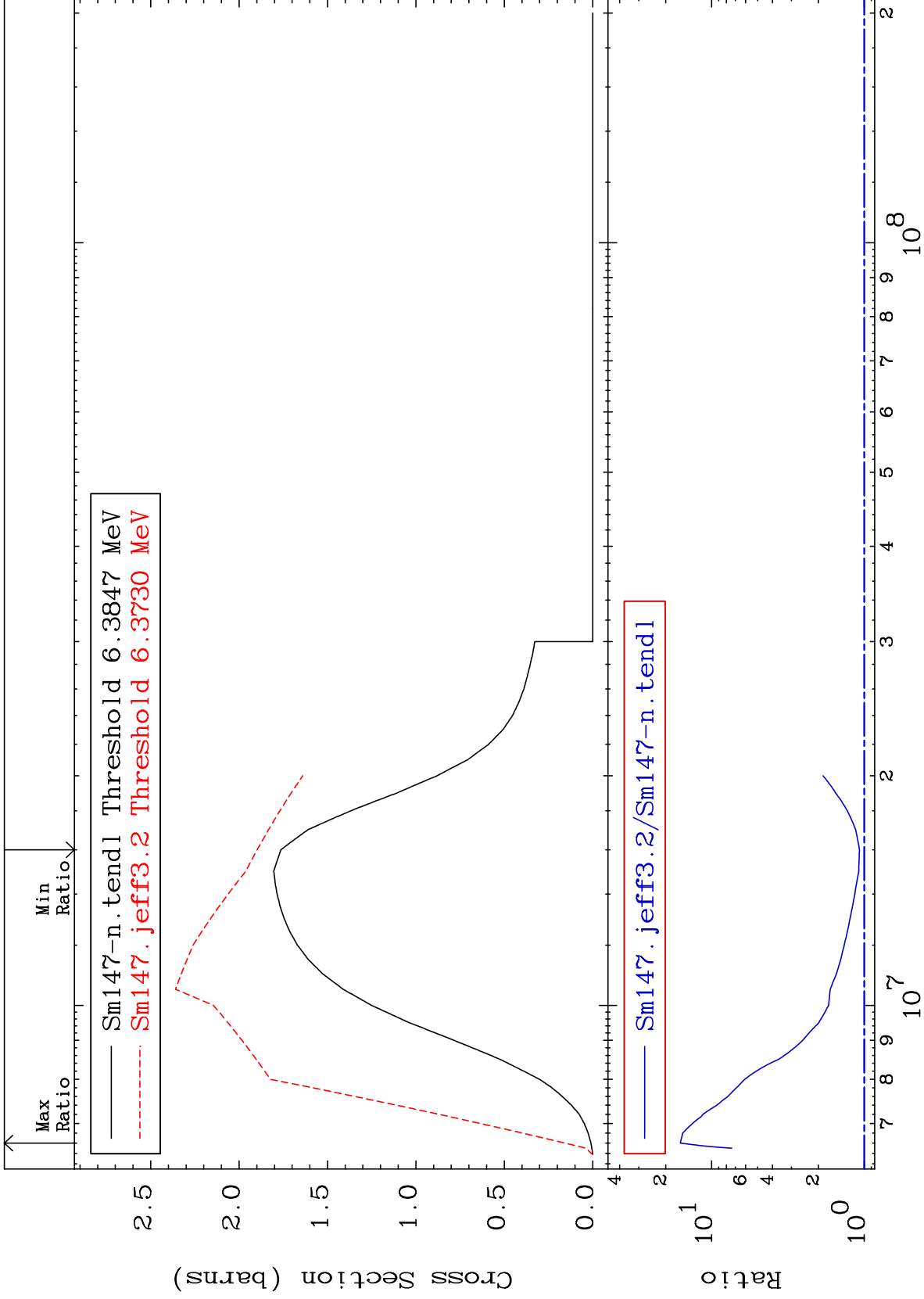
62-Sm-147
-100.0 To 151.9 %



MAT 6234

(n,2n)
Cross Section

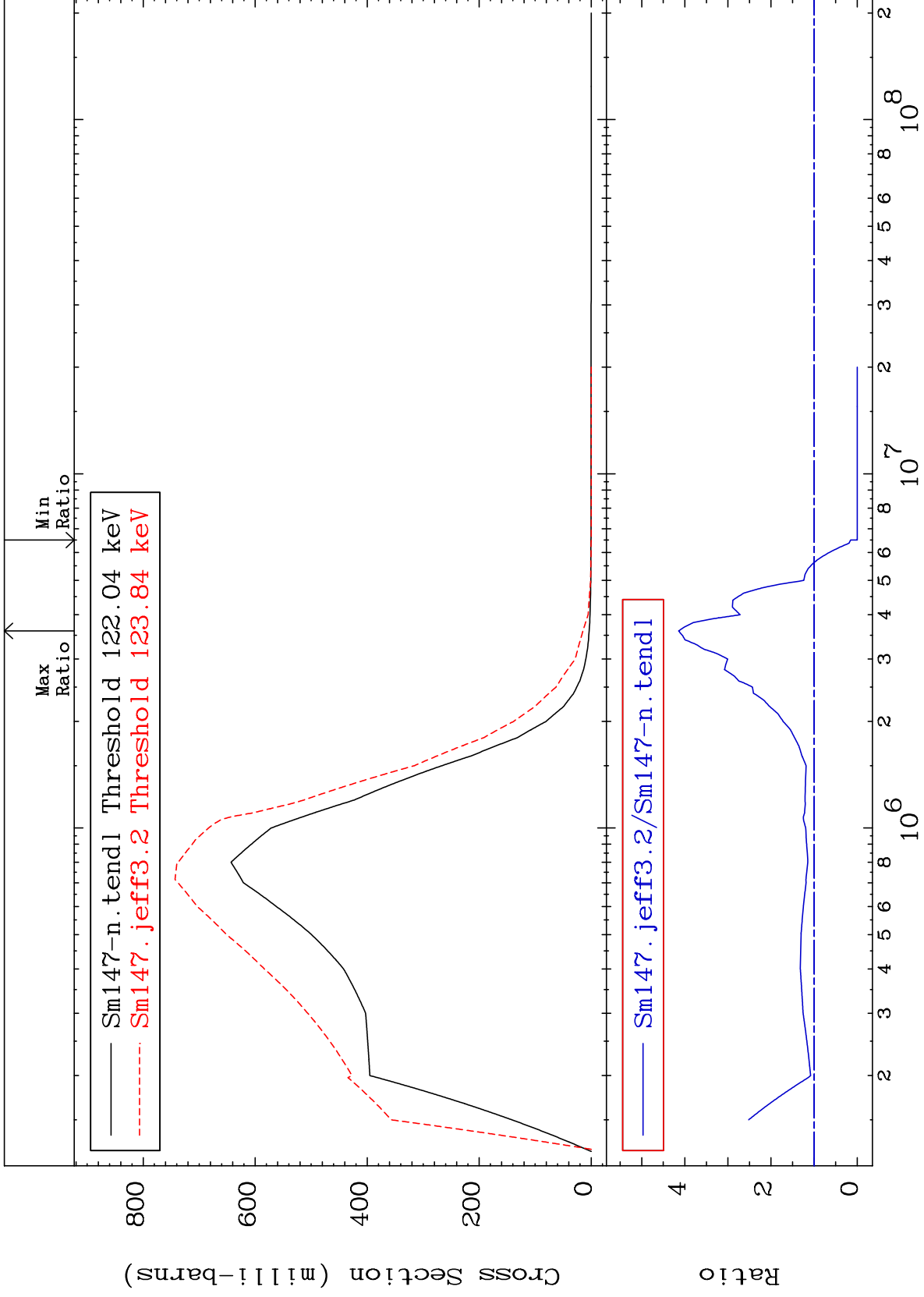
62-Sm-147
7.601 To 1503. %



MAT 6234

121.2 keV (n,n') Level
Cross Section

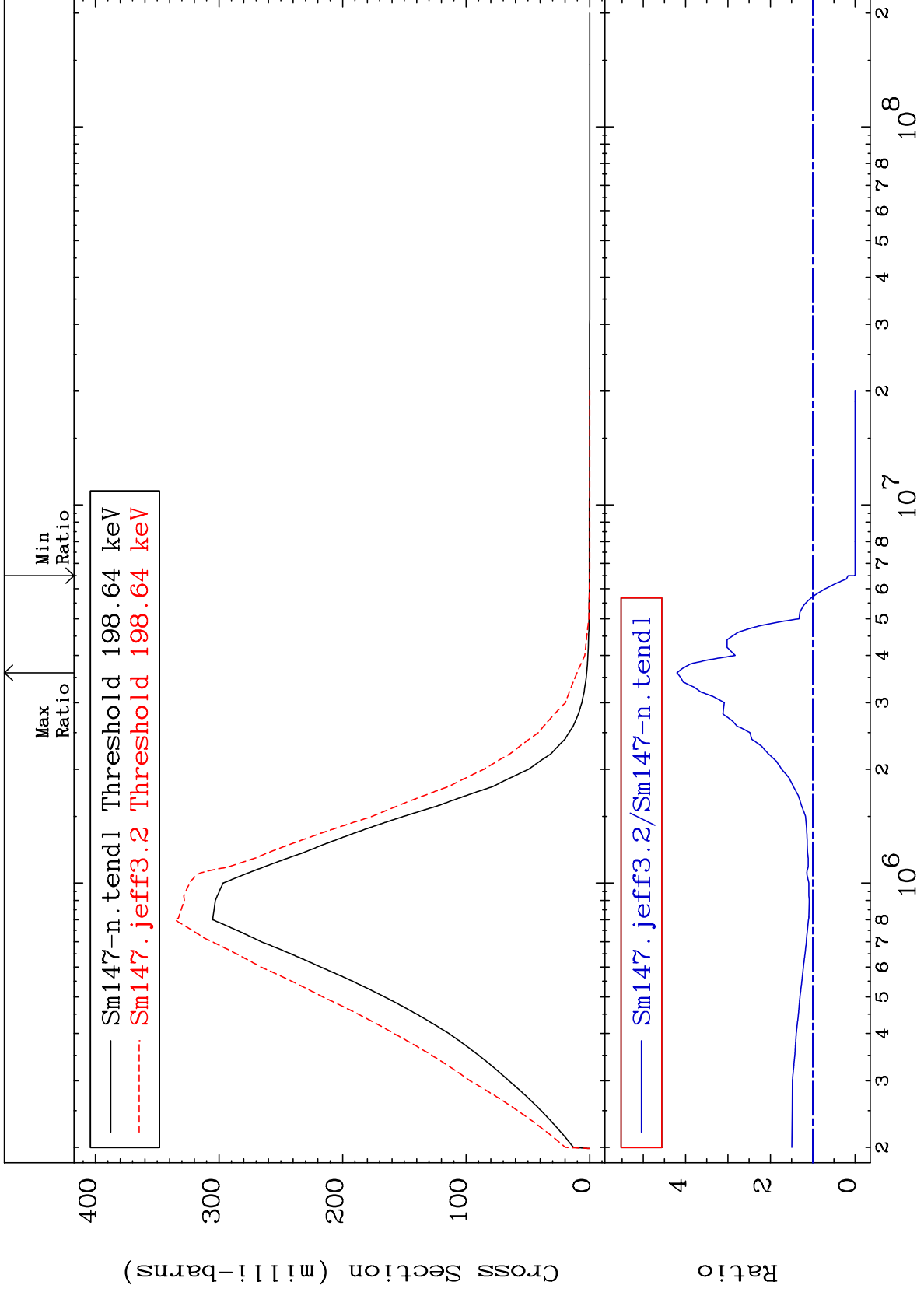
62-Sm-147
-100.0 To 314.3 %



MAT 6234

197.3 keV (n,n') Level
Cross Section

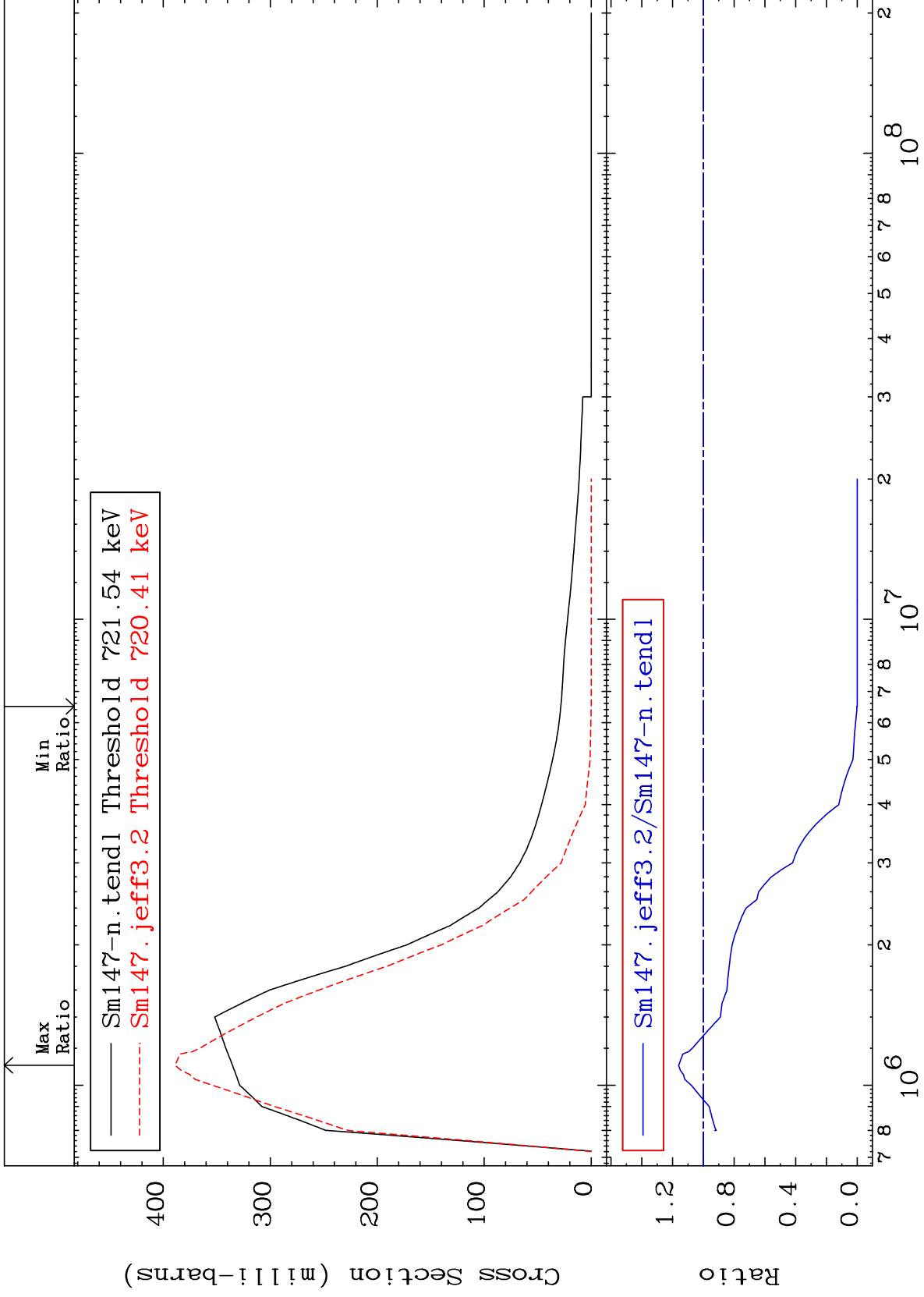
62-Sm-147
-100.0 To 320.5 %



MAT 6234

716.6 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 16.02 %



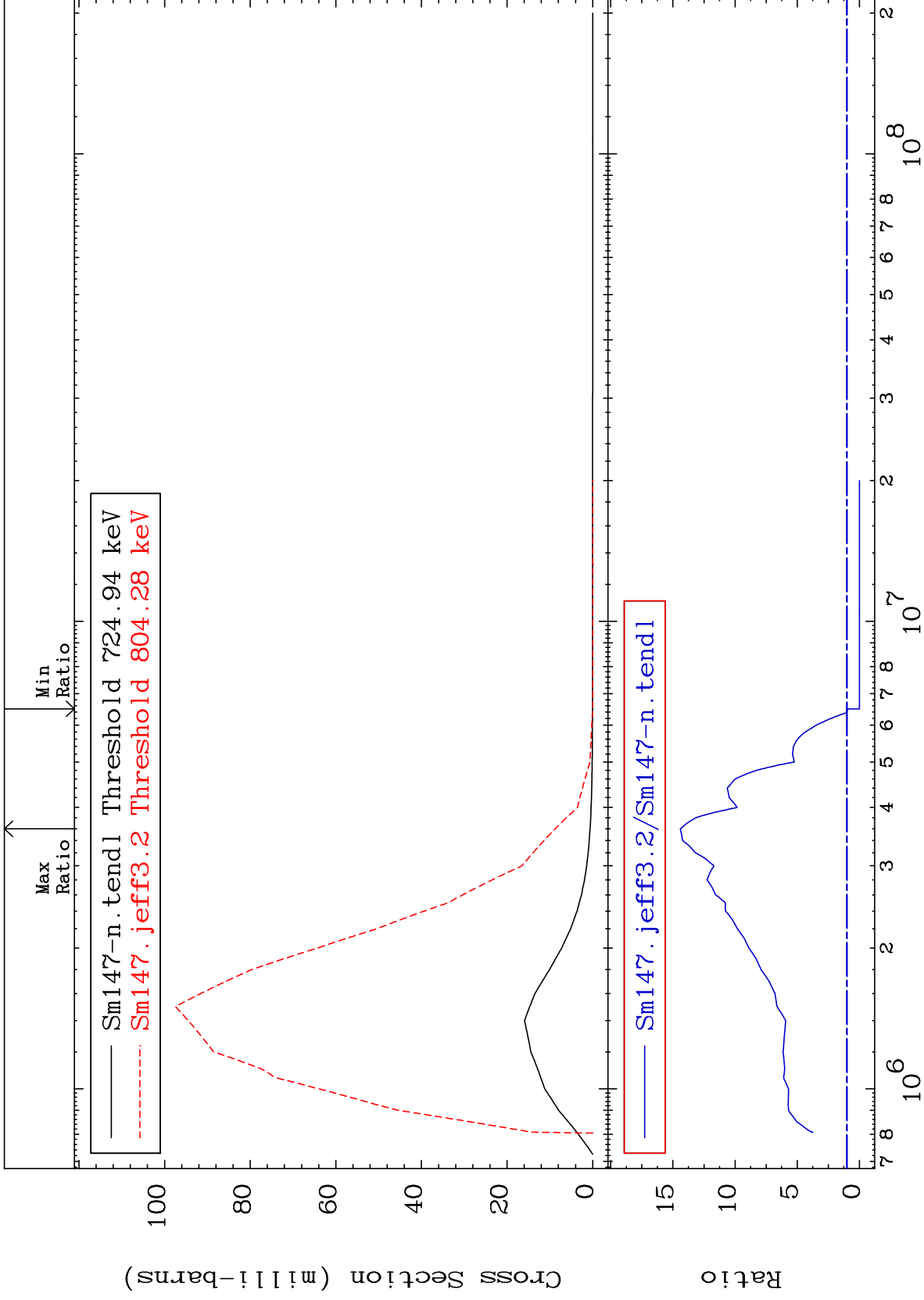
62-Sm-147

7

MAT 6234

720.0 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 1340. %



8

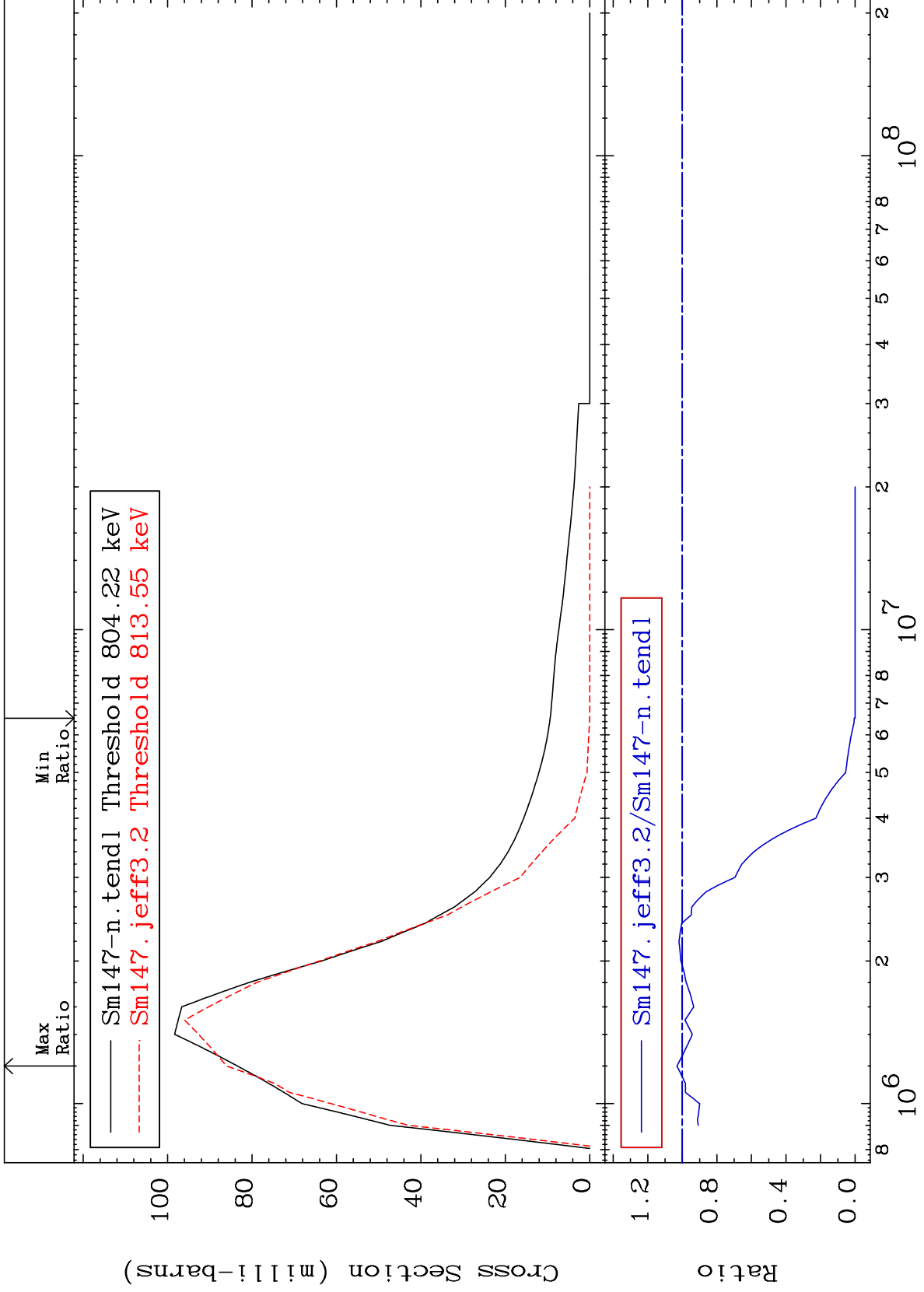
Incident Energy (eV)

62-Sm-147

MAT 6234

798.7 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 3.126 %



9

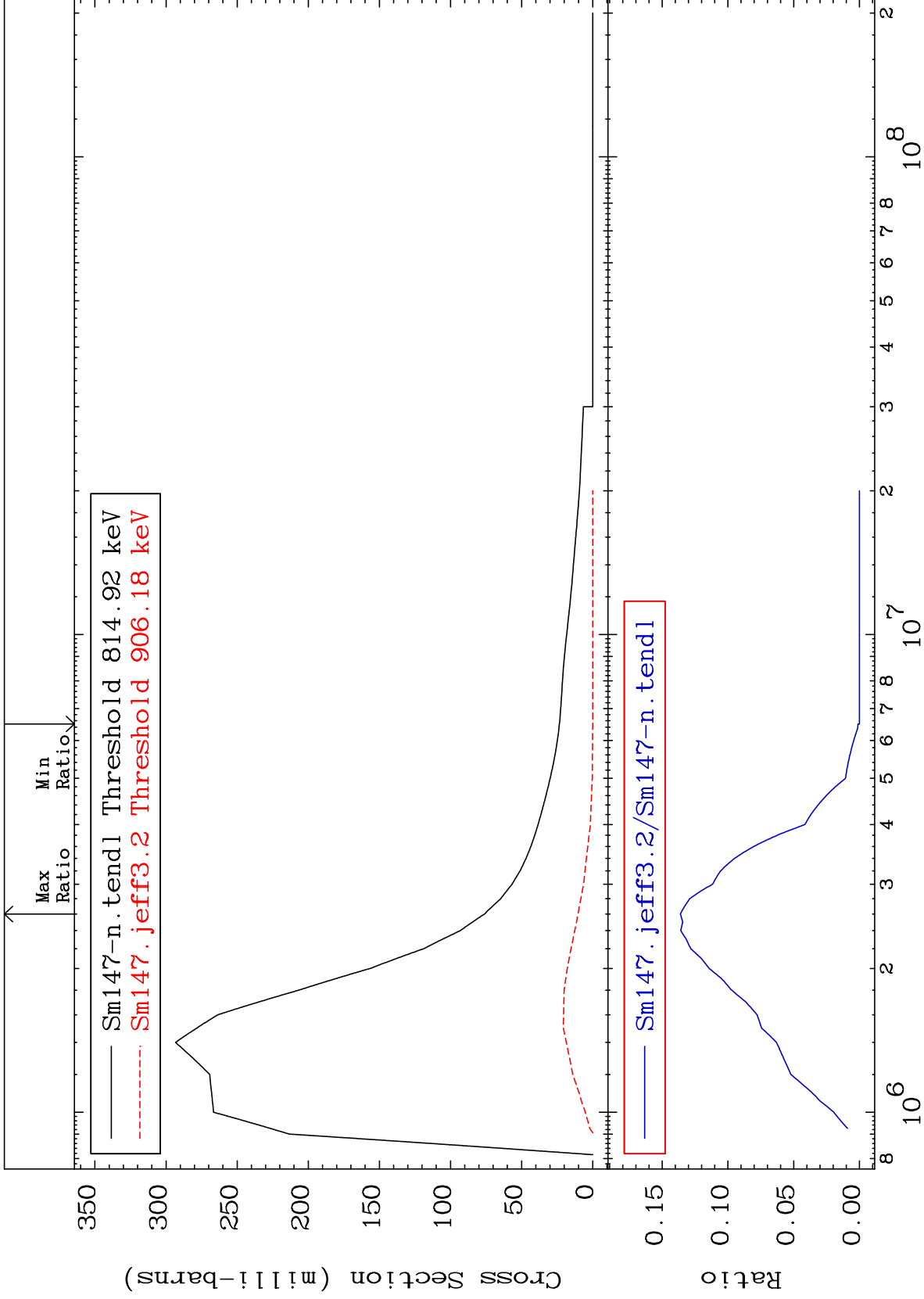
Incident Energy (eV)

62-Sm-147

MAT 6234

809.4 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To -86.38%



10

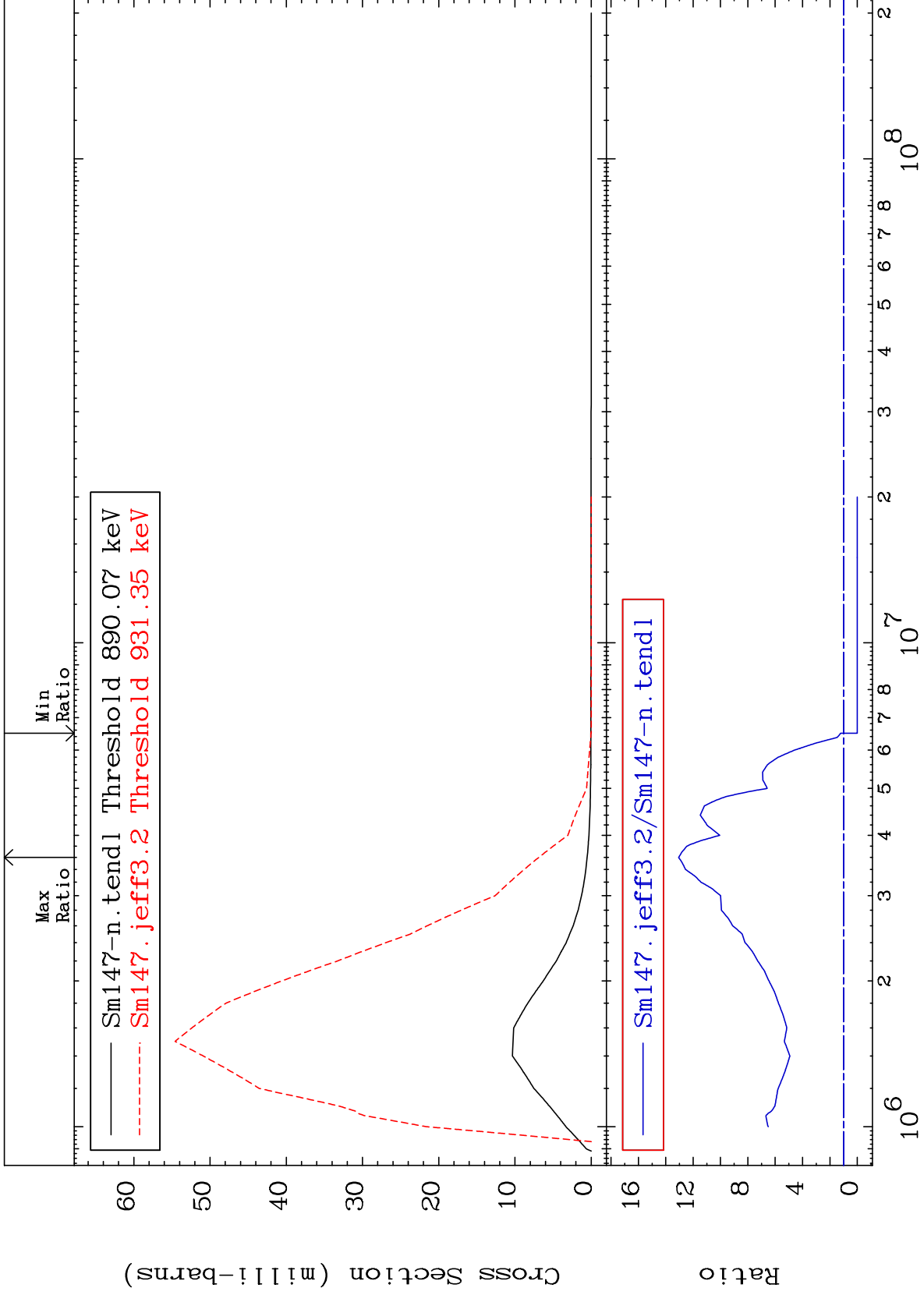
Incident Energy (eV)

62-Sm-147

MAT 6234

884.0 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 1206. %



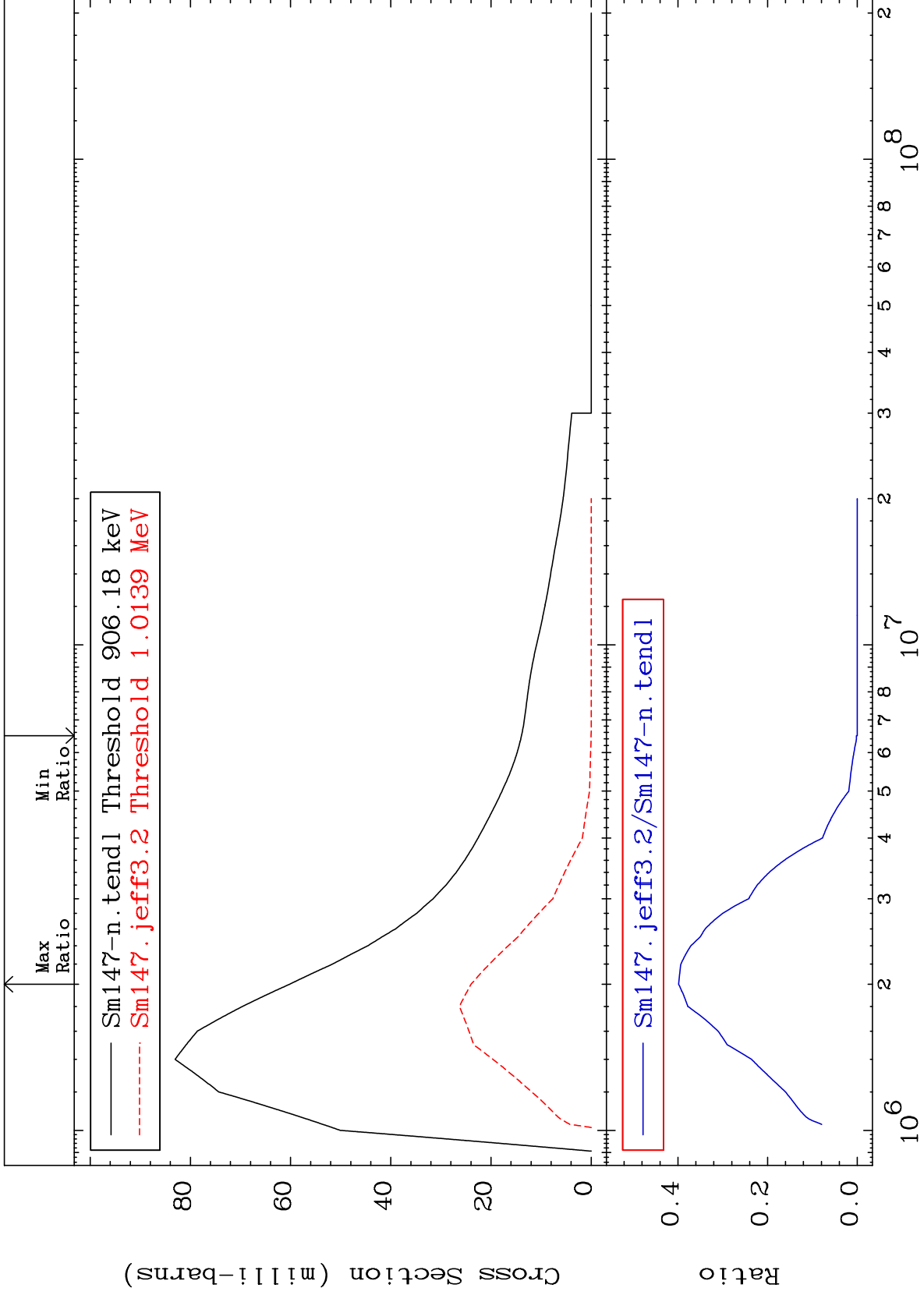
11

62-Sm-147

MAT 6234

900.0 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To -60.15%



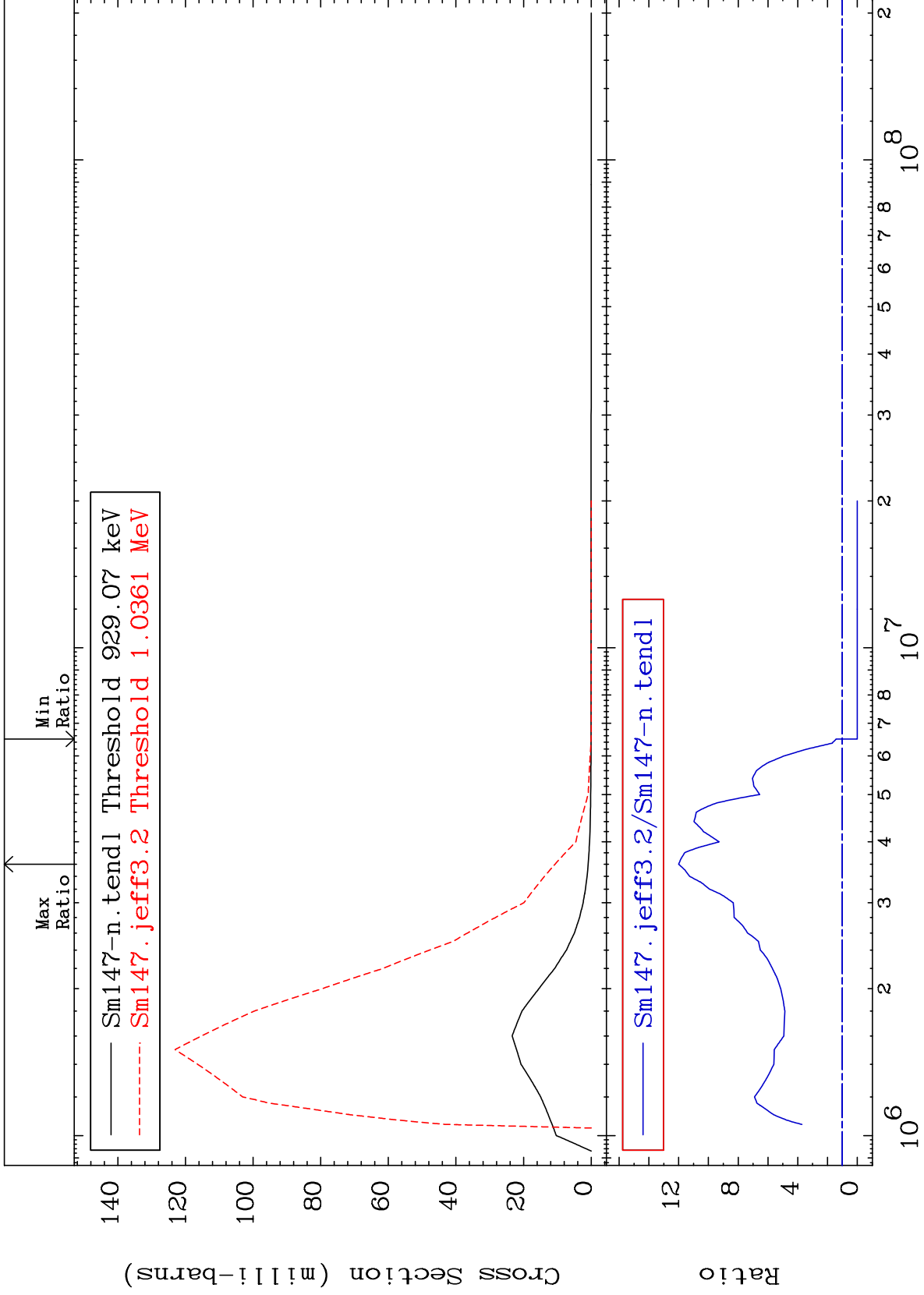
Incident Energy (eV)

62-Sm-147

MAT 6234

922.7 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 1100. %



13

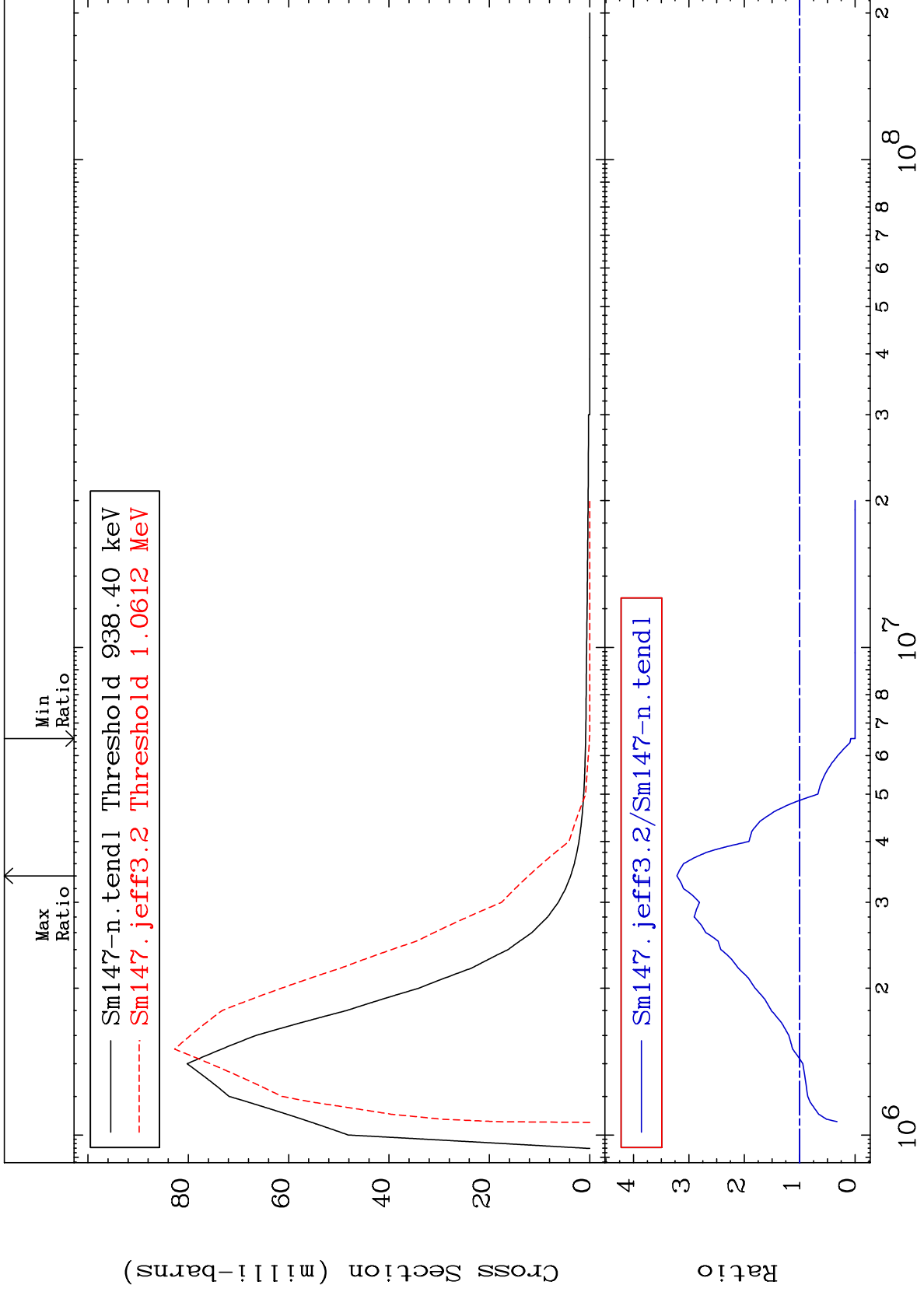
Incident Energy (eV)

62-Sm-147

MAT 6234

932.0 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 221.7 %



14

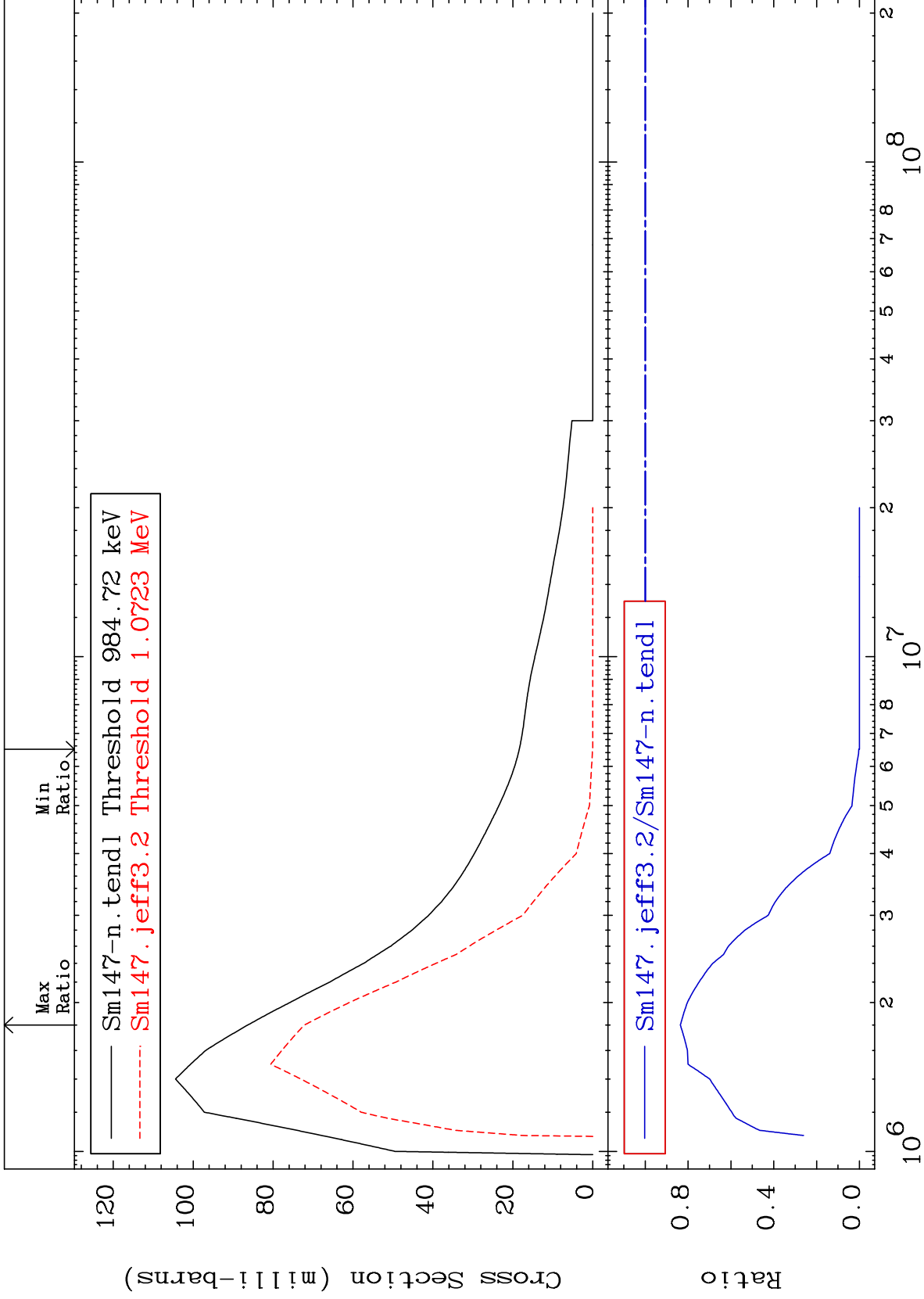
Incident Energy (eV)

62-Sm-147

MAT 6234

978.0 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To -16.39%



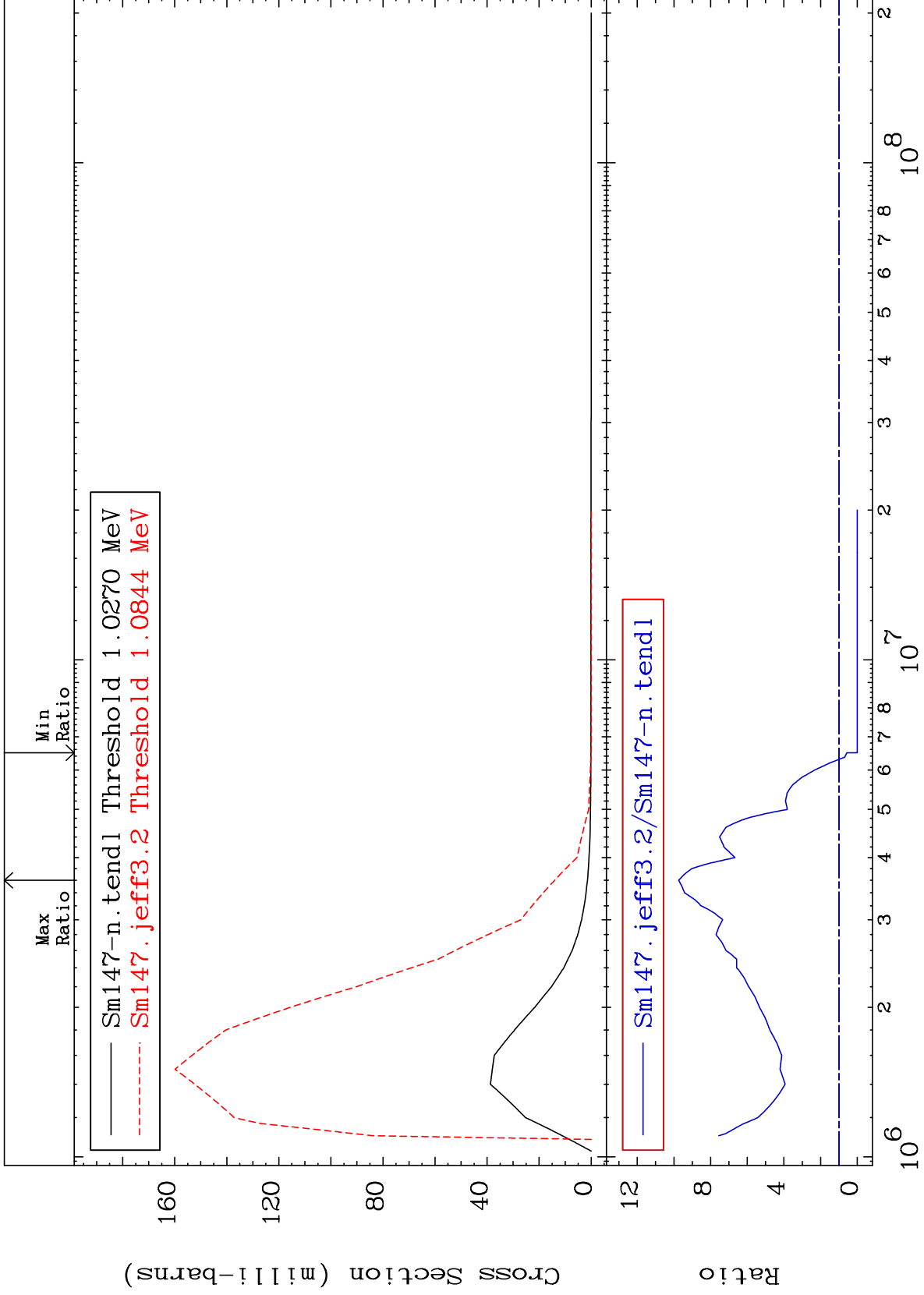
Incident Energy (eV)

62-Sm-147

MAT 6234

1.020 MeV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 874.3 %



16

62-Sm-147

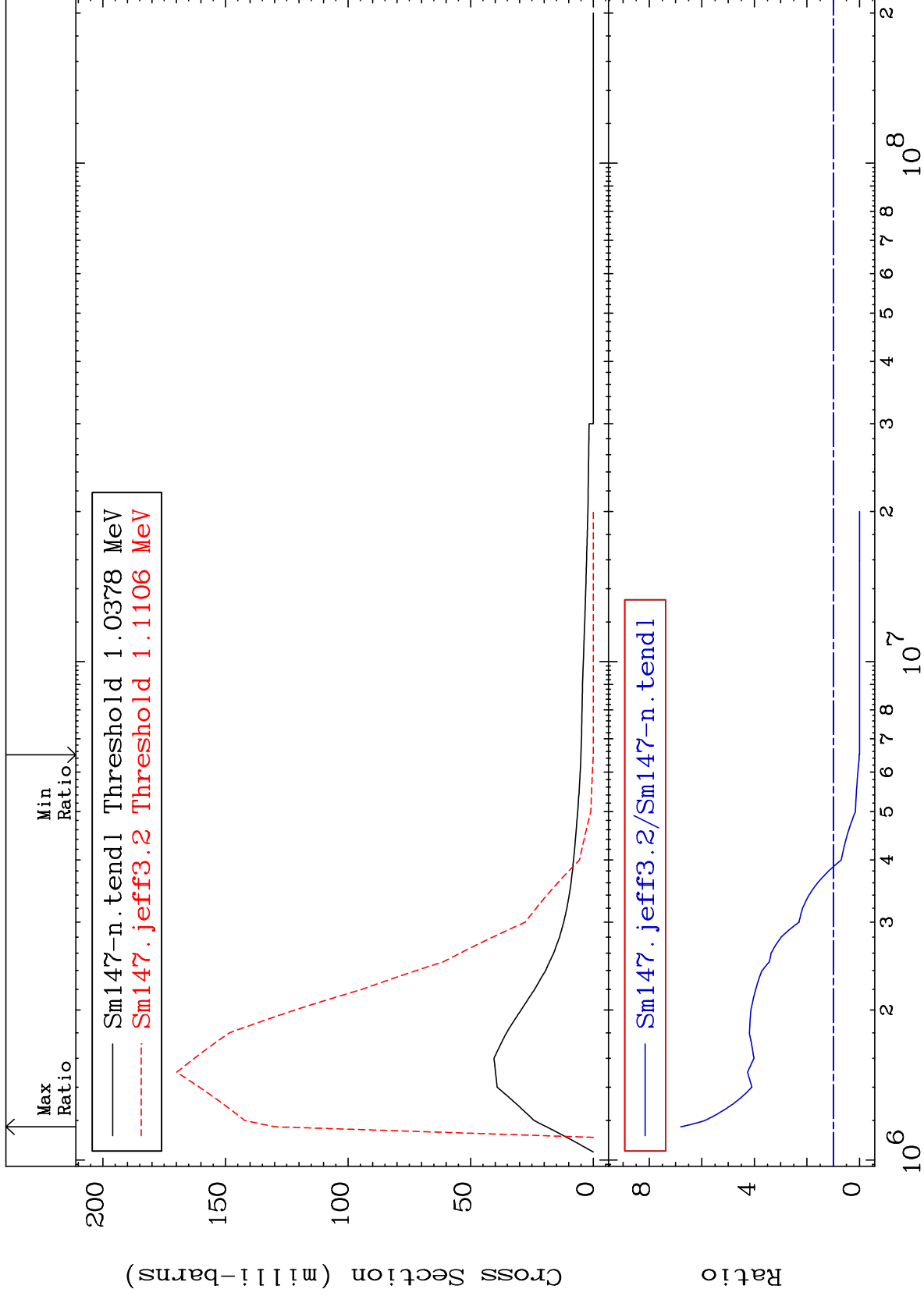
MAT 6234

1.031 MeV (n,n') Level

62-Sm-147

-100.0 To 580.1 %

Cross Section



17

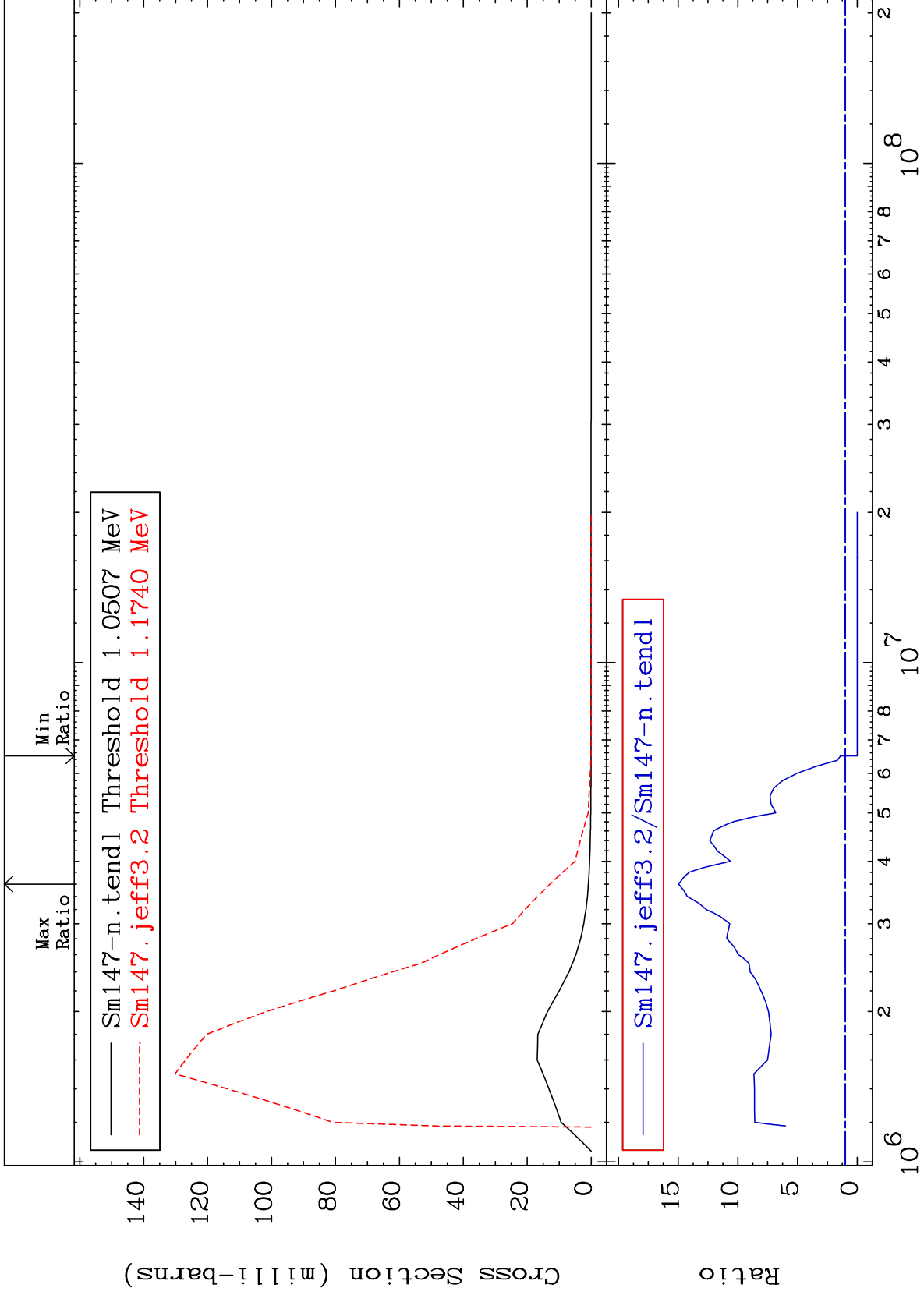
Incident Energy (eV)

62-Sm-147

MAT 6234

1.044 MeV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 1396. %



Incident Energy (eV)

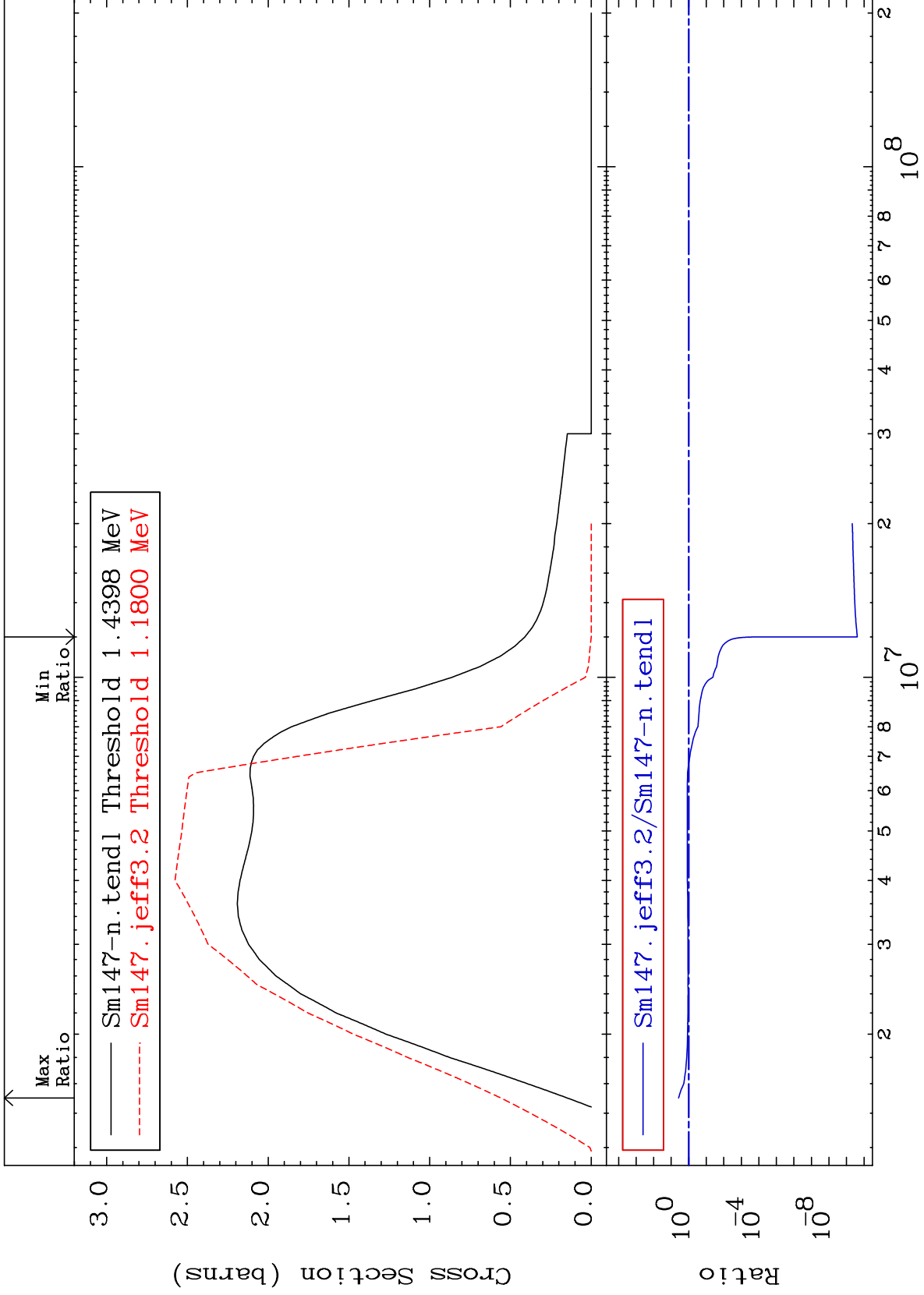
62-Sm-147

18

MAT 6234

(n, n') Continuum
Cross Section

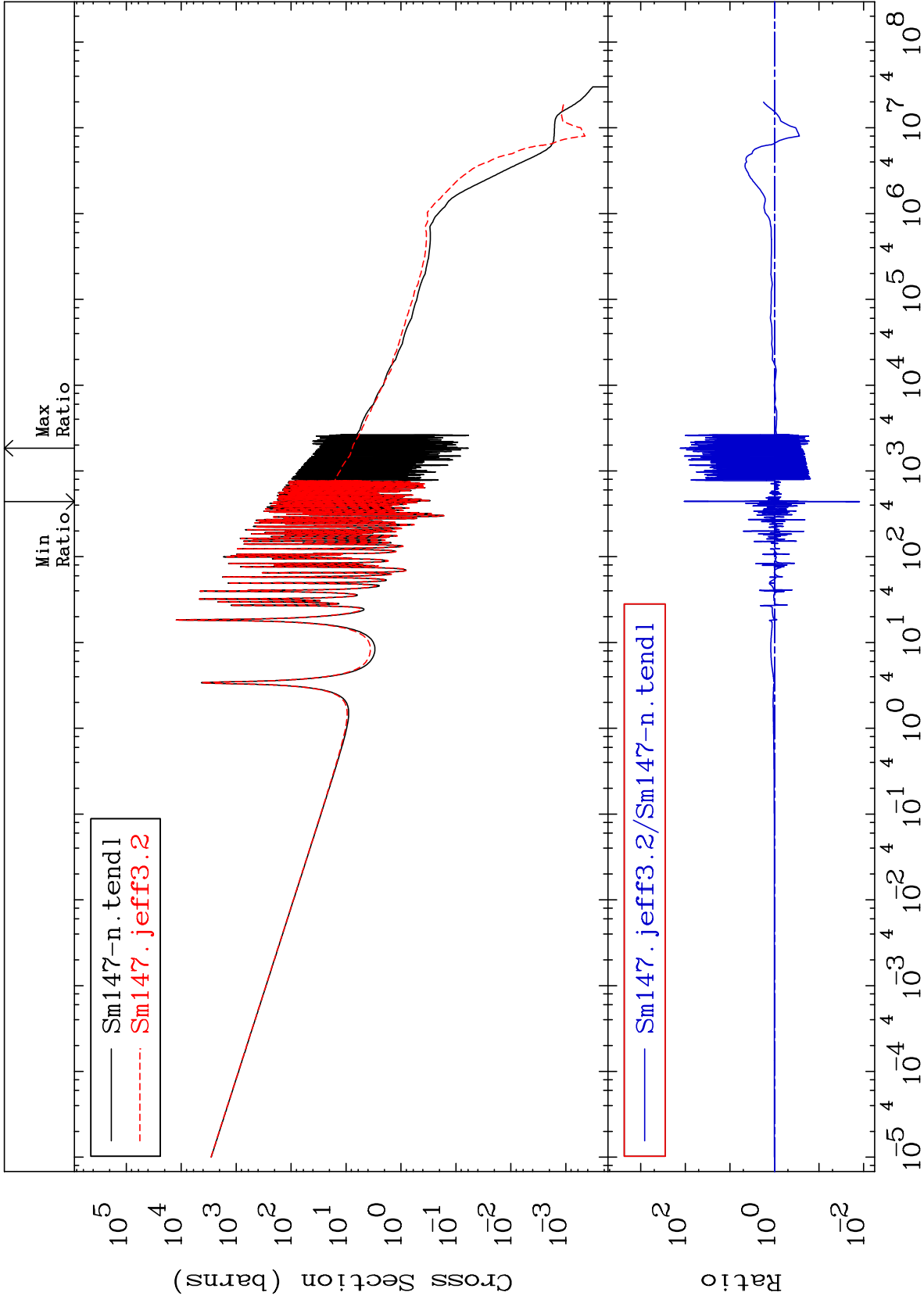
62-Sm-147
-100.0 To 276.0 %



MAT 6234

(n, γ)
Cross Section

62-Sm-147
-98.76 To 9999. %



20

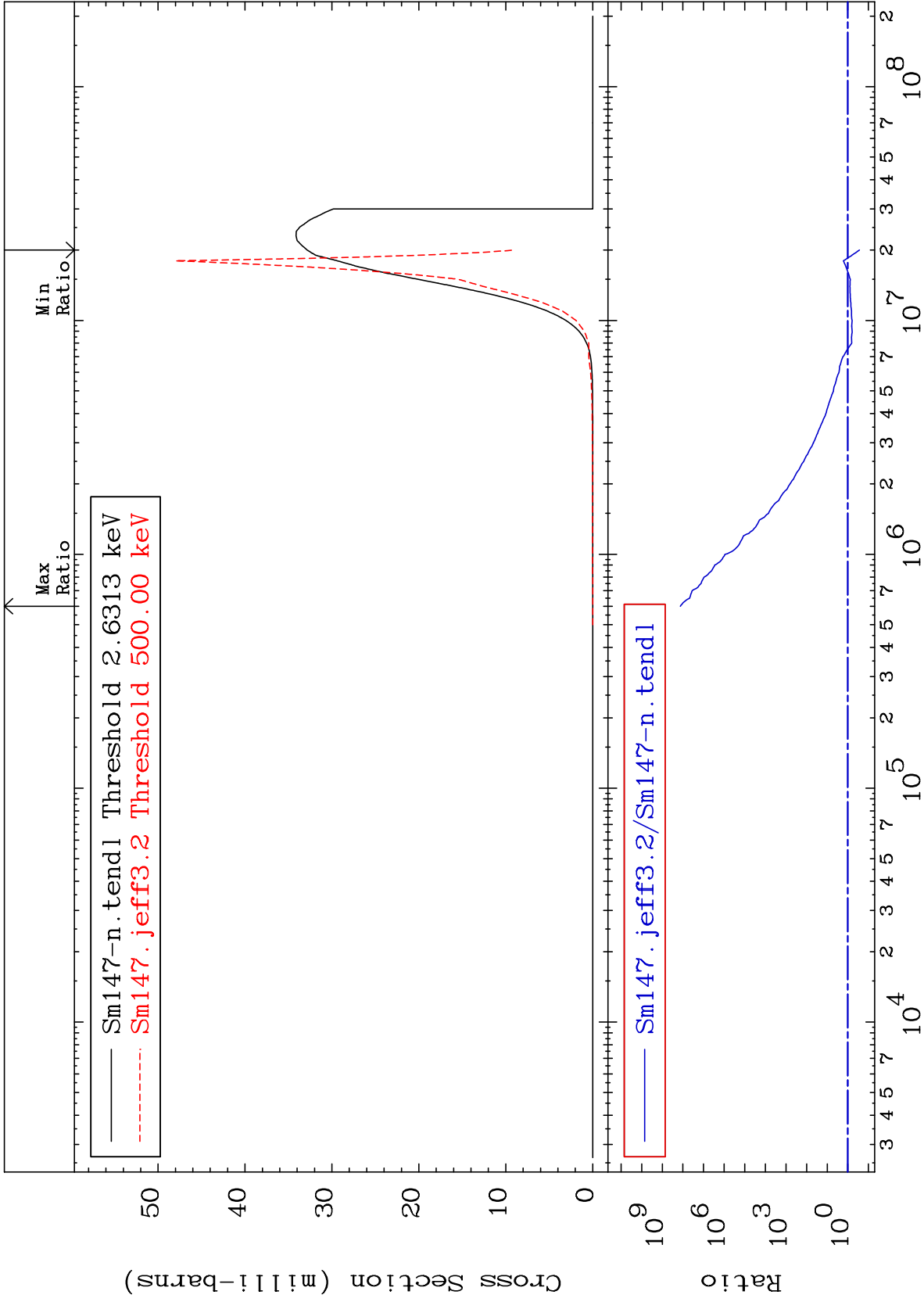
Incident Energy (eV)

62-Sm-147

MAT 6234

(n, p)
Cross Section

62-Sm-147
-72.61 To 9999. %



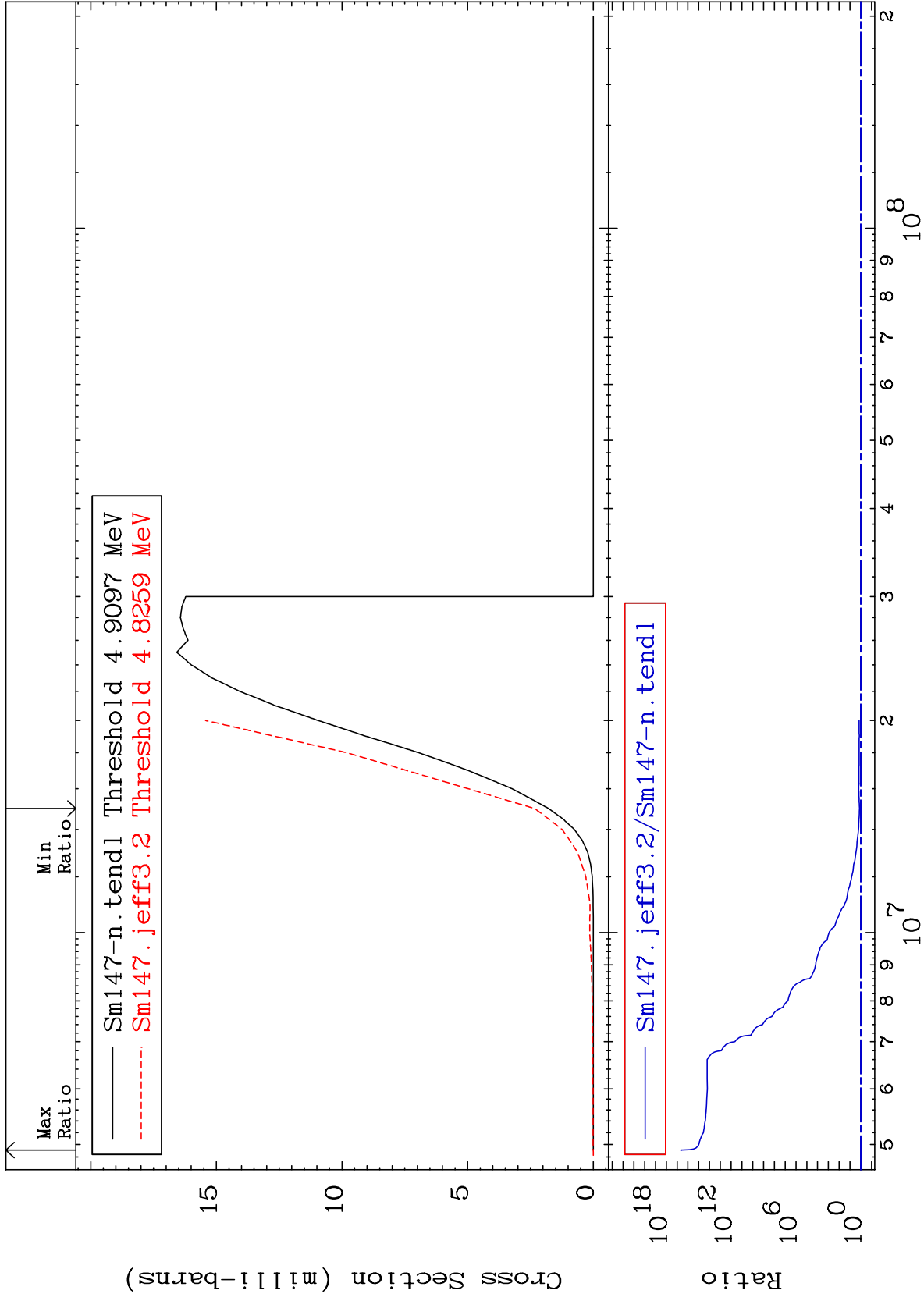
MAT 6234

(n, d)

62-Sm-147

Cross Section

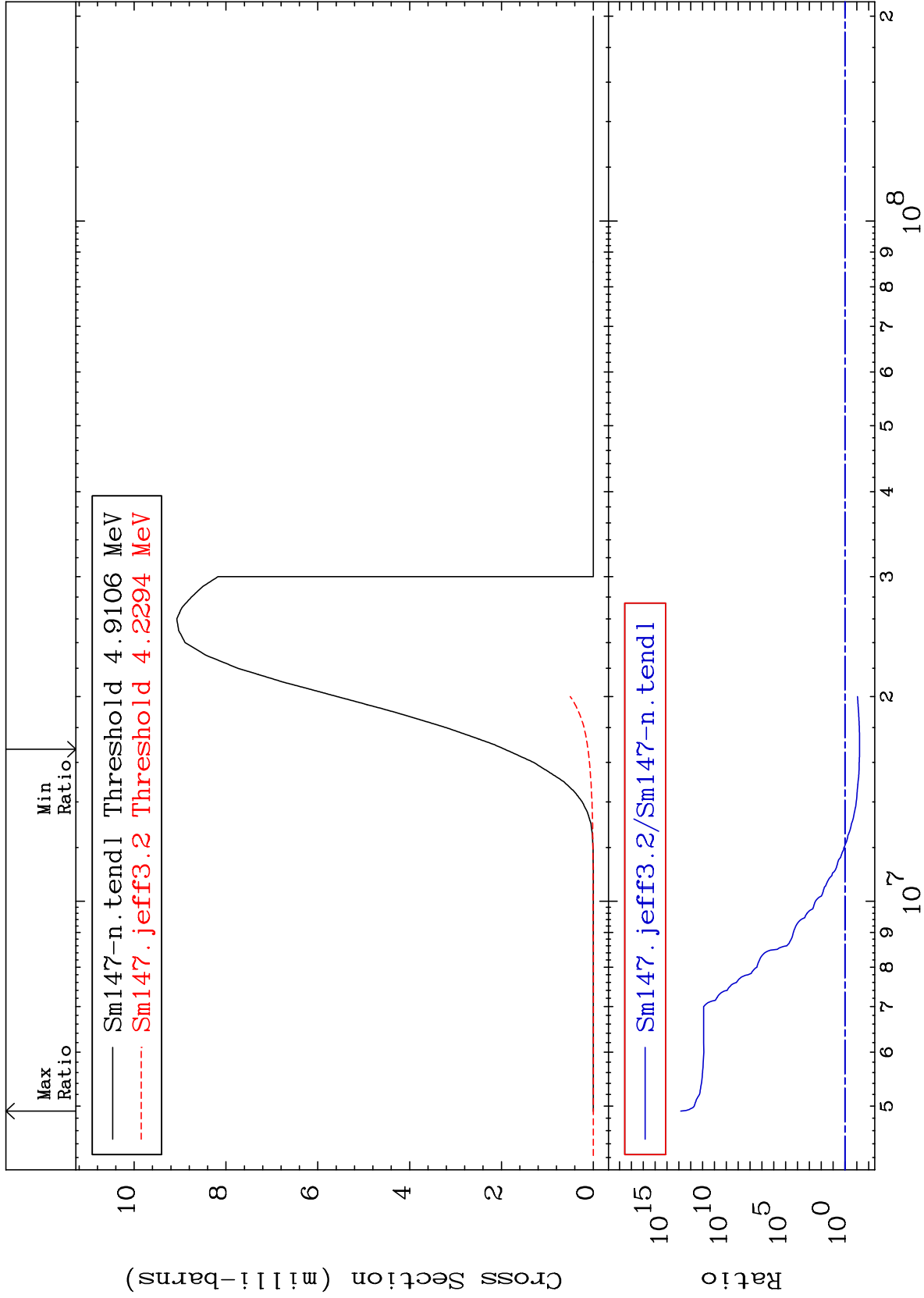
31.10 To 9999. %



MAT 6234

(n, t)
Cross Section

62-Sm-147
-94.01 To 9999. %



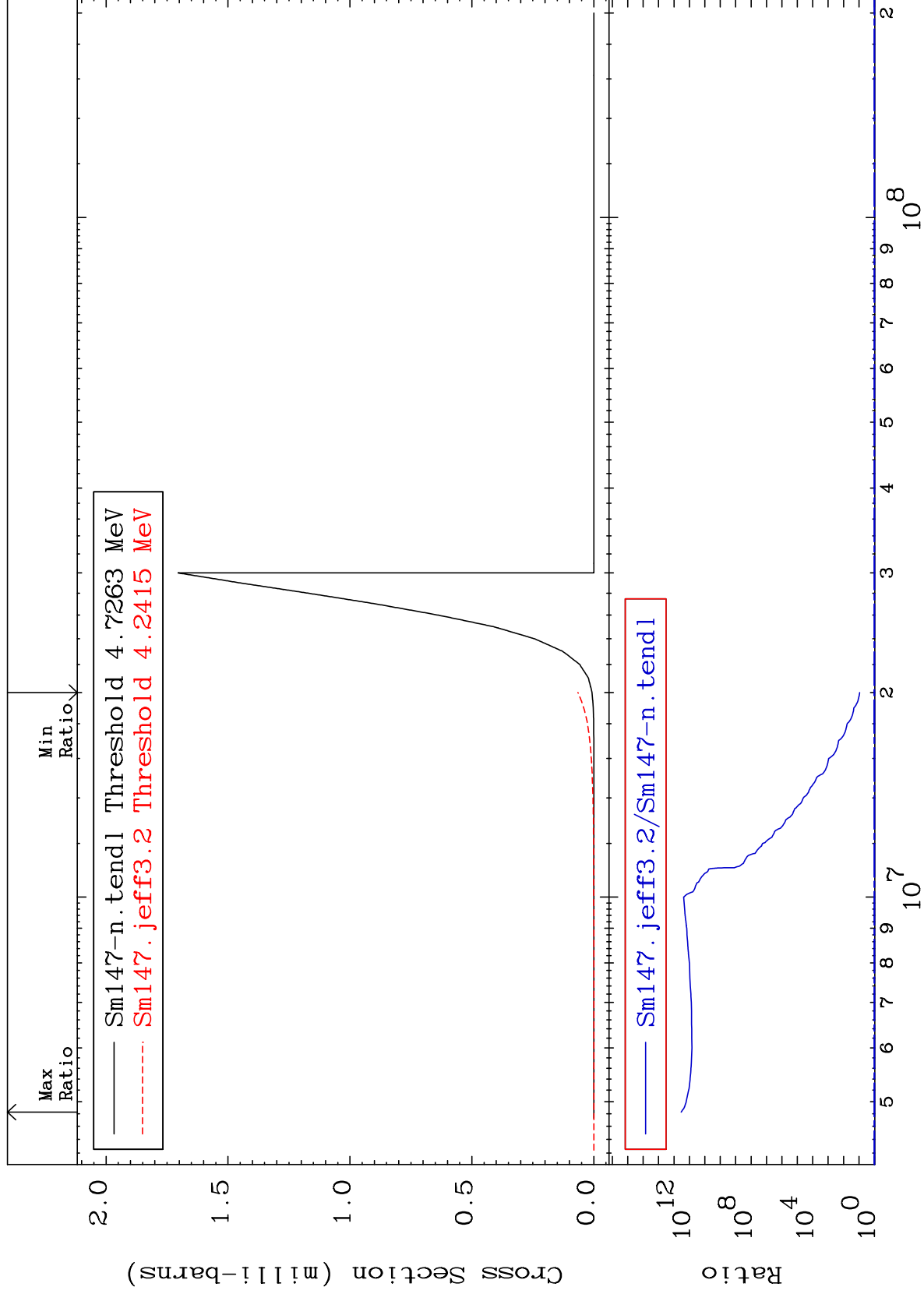
MAT 6234

(n, He-3)

62-Sm-147

Cross Section

804.9 To 9999. %



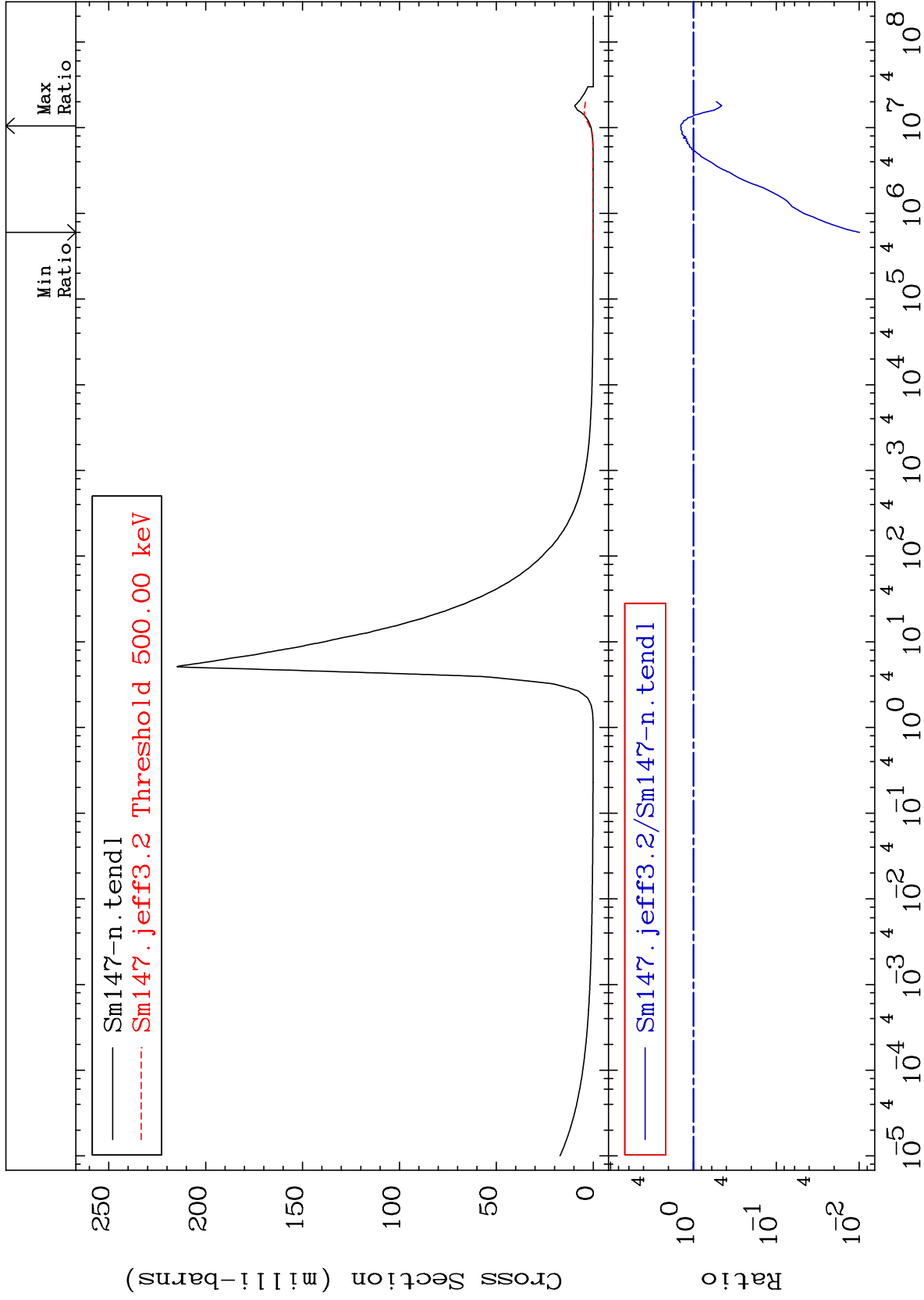
MAT 6234

(n, α)

62-Sm-147

Cross Section

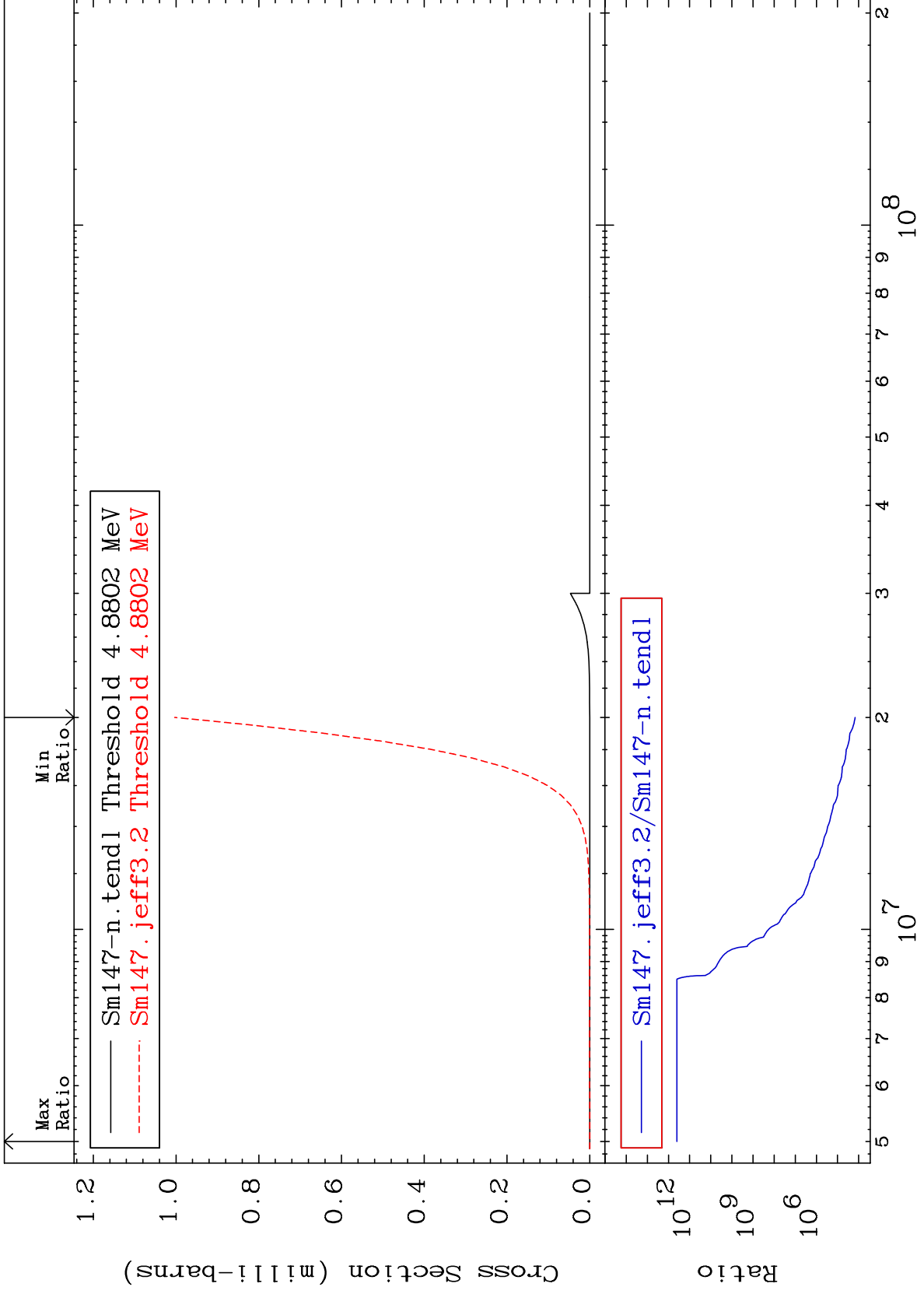
-99.01 To 41.92 %

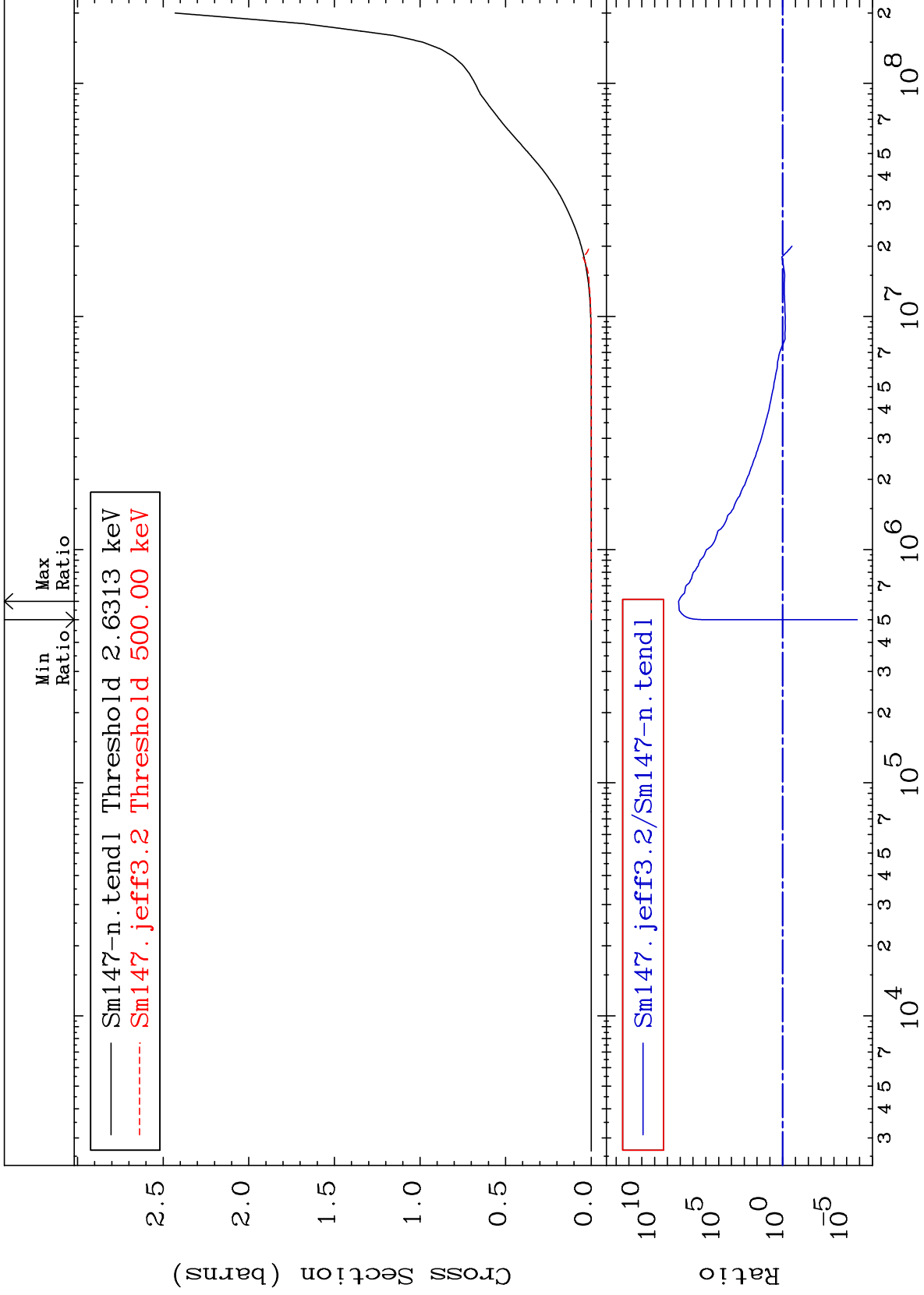


MAT 6234

(n,2p)
Cross Section

62-Sm-147
9999. To 9999. %

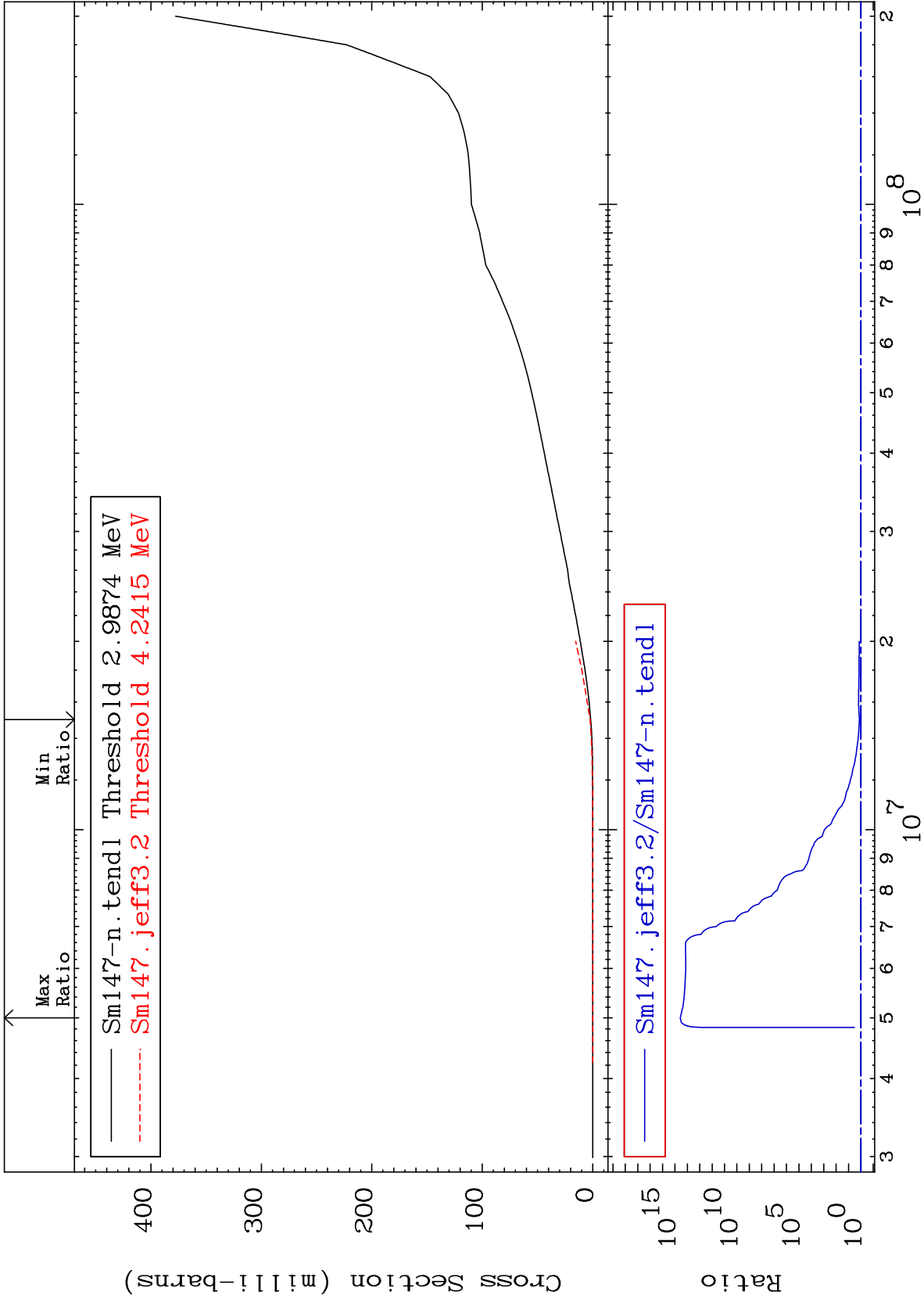


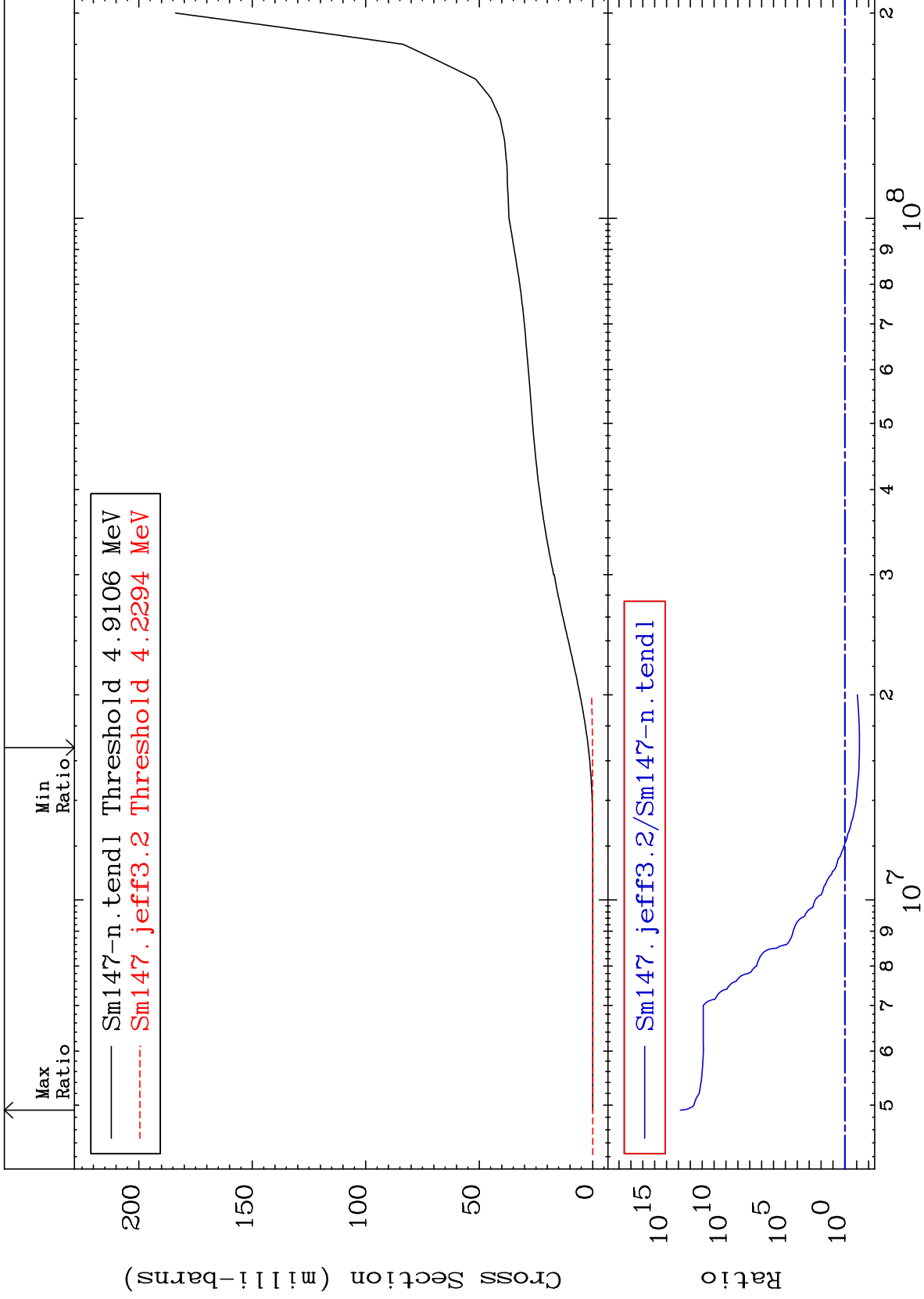


MAT 6234

Deuterium Production
Cross Section

62-Sm-147
31.10 To 9999. %

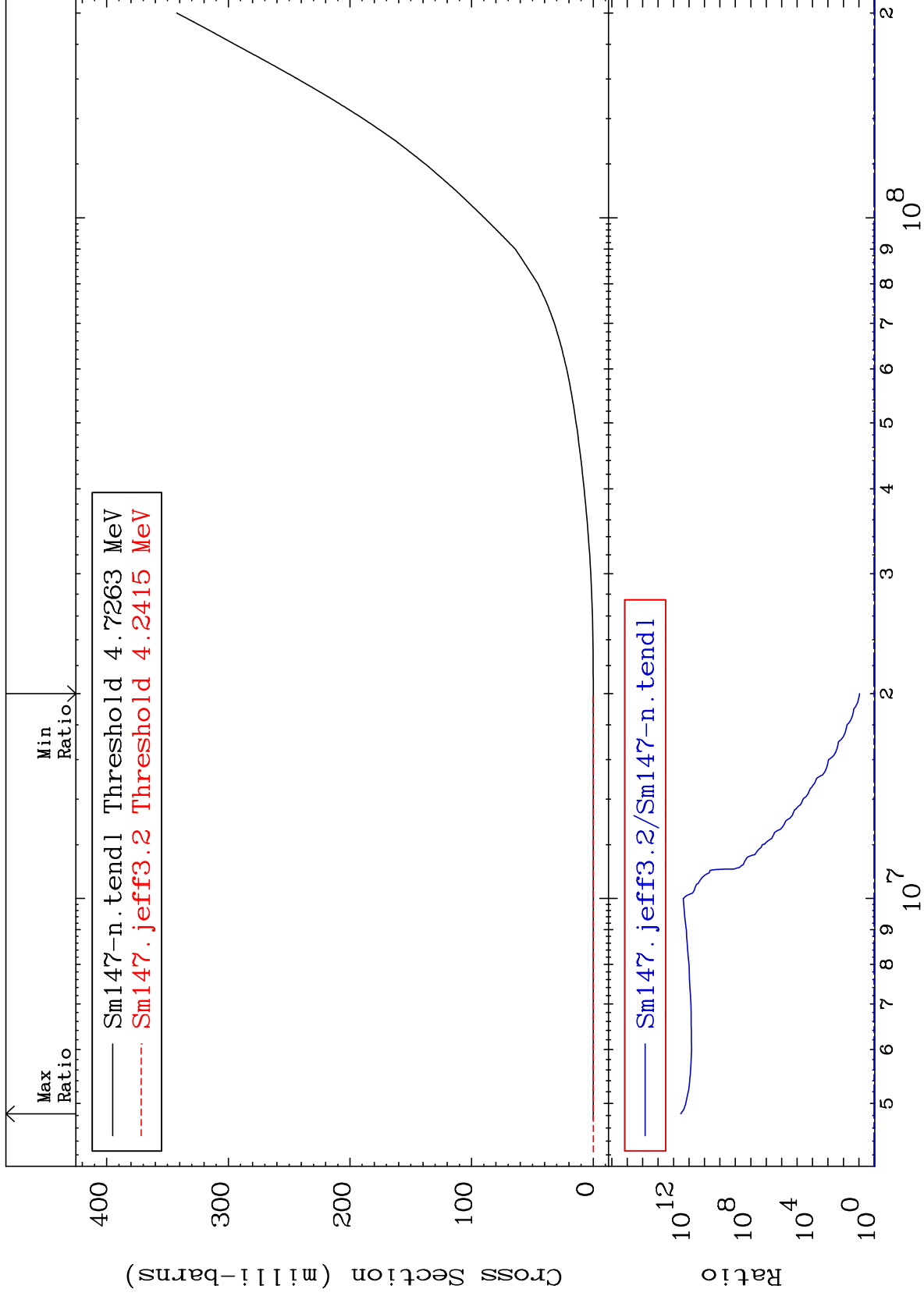




MAT 6234

He-3 Production
Cross Section

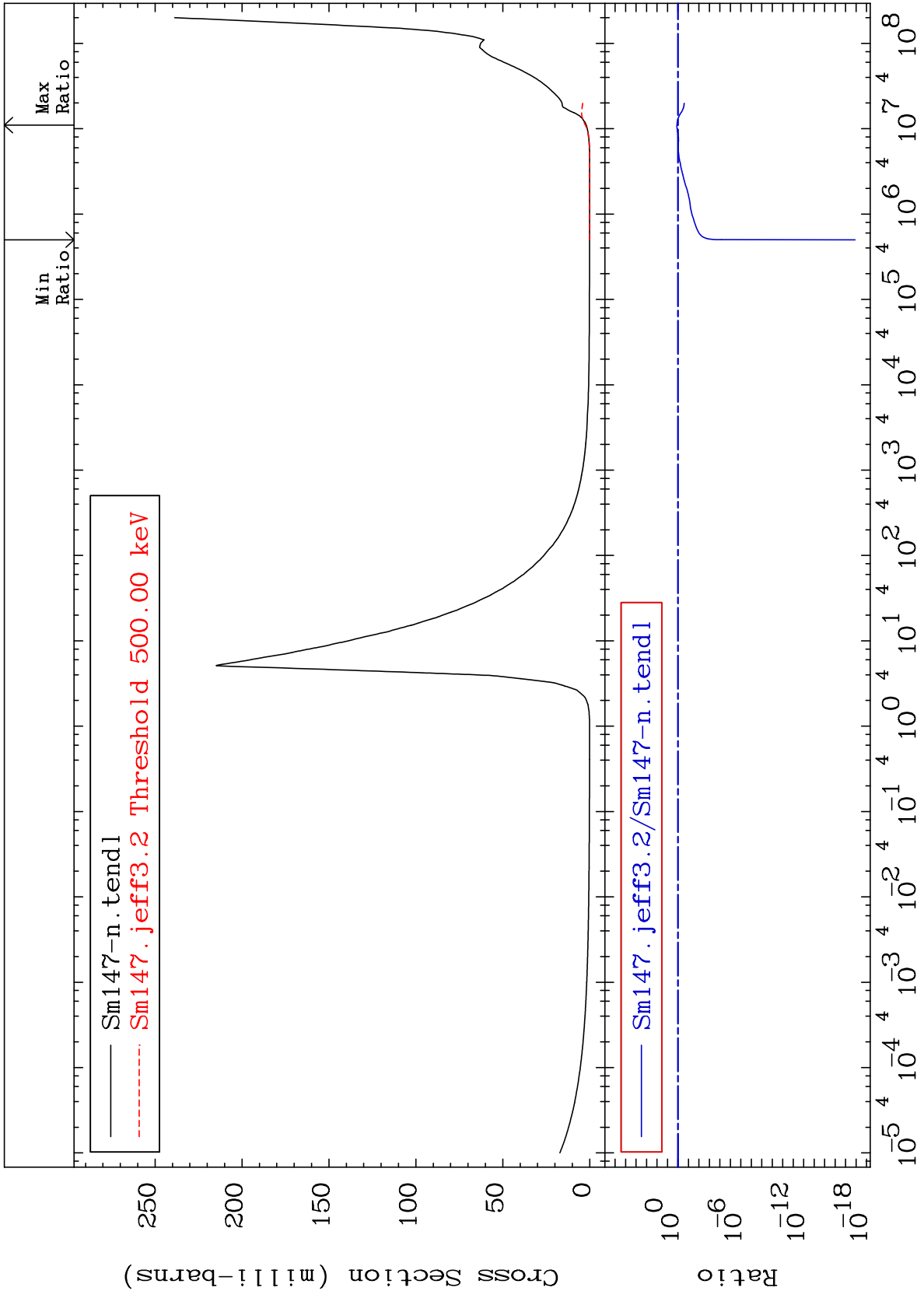
62-Sm-147
804.8 To 9999. %



30

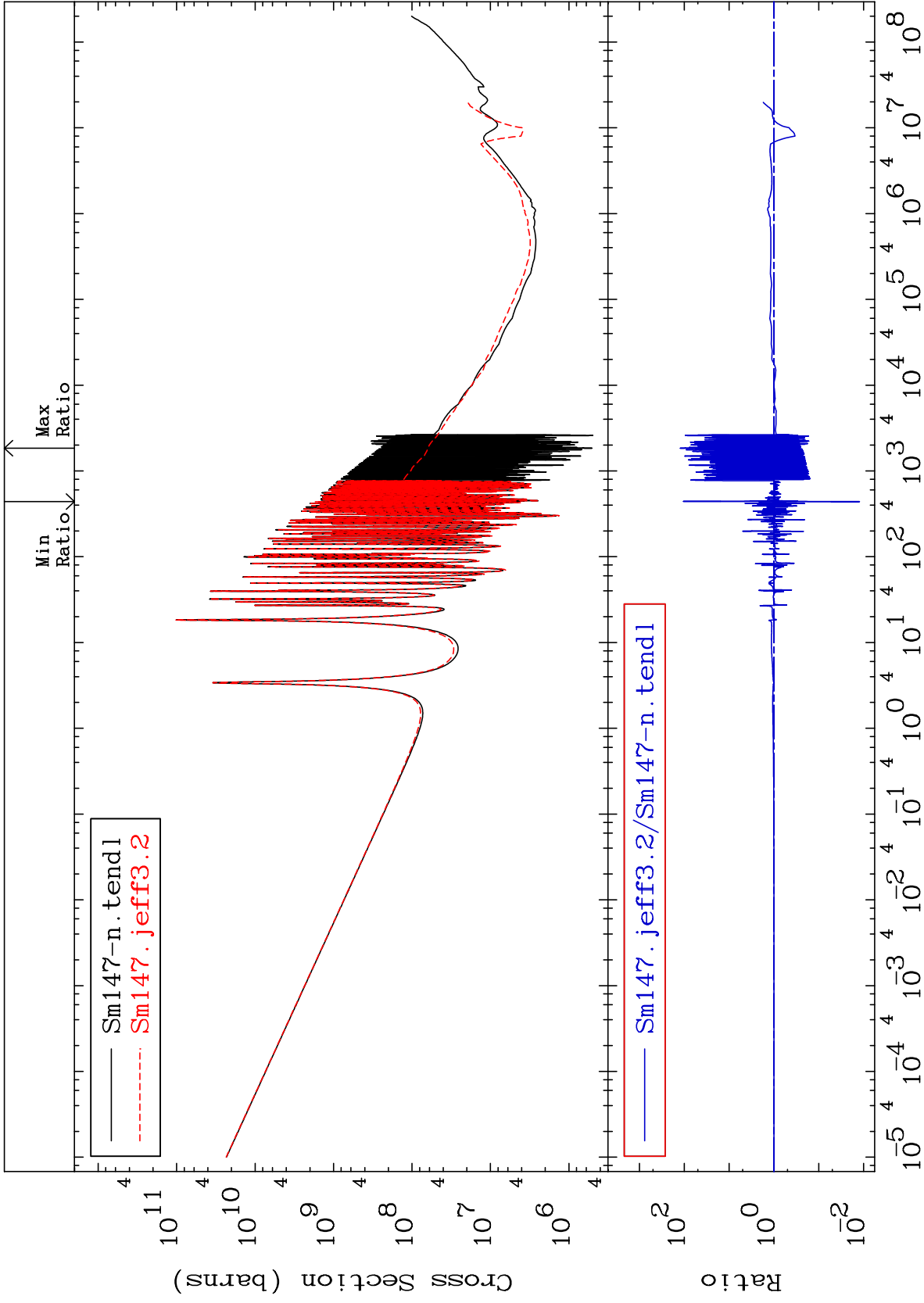
Incident Energy (eV)

62-Sm-147



Cross Section

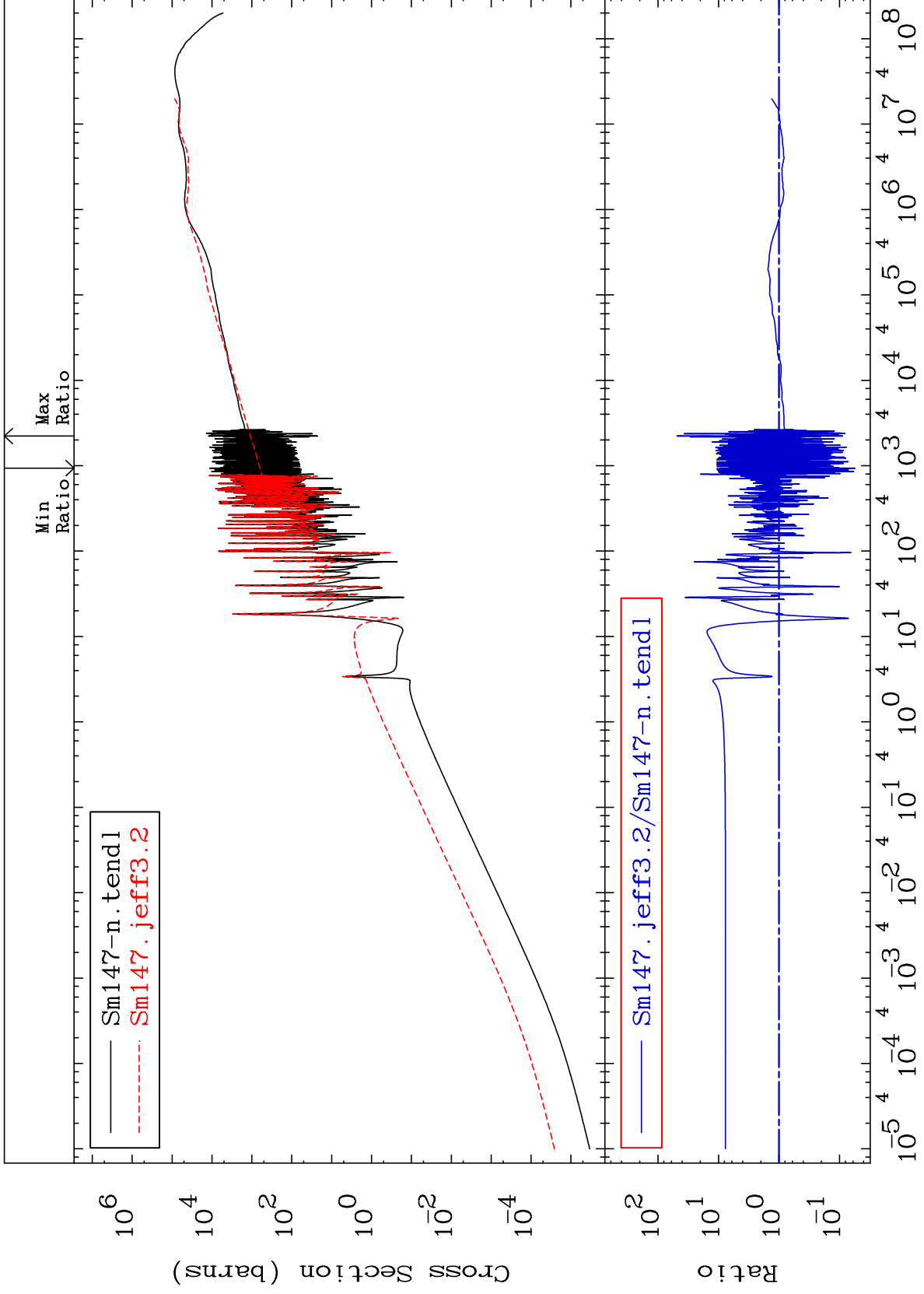
-98.76 To 9999. %

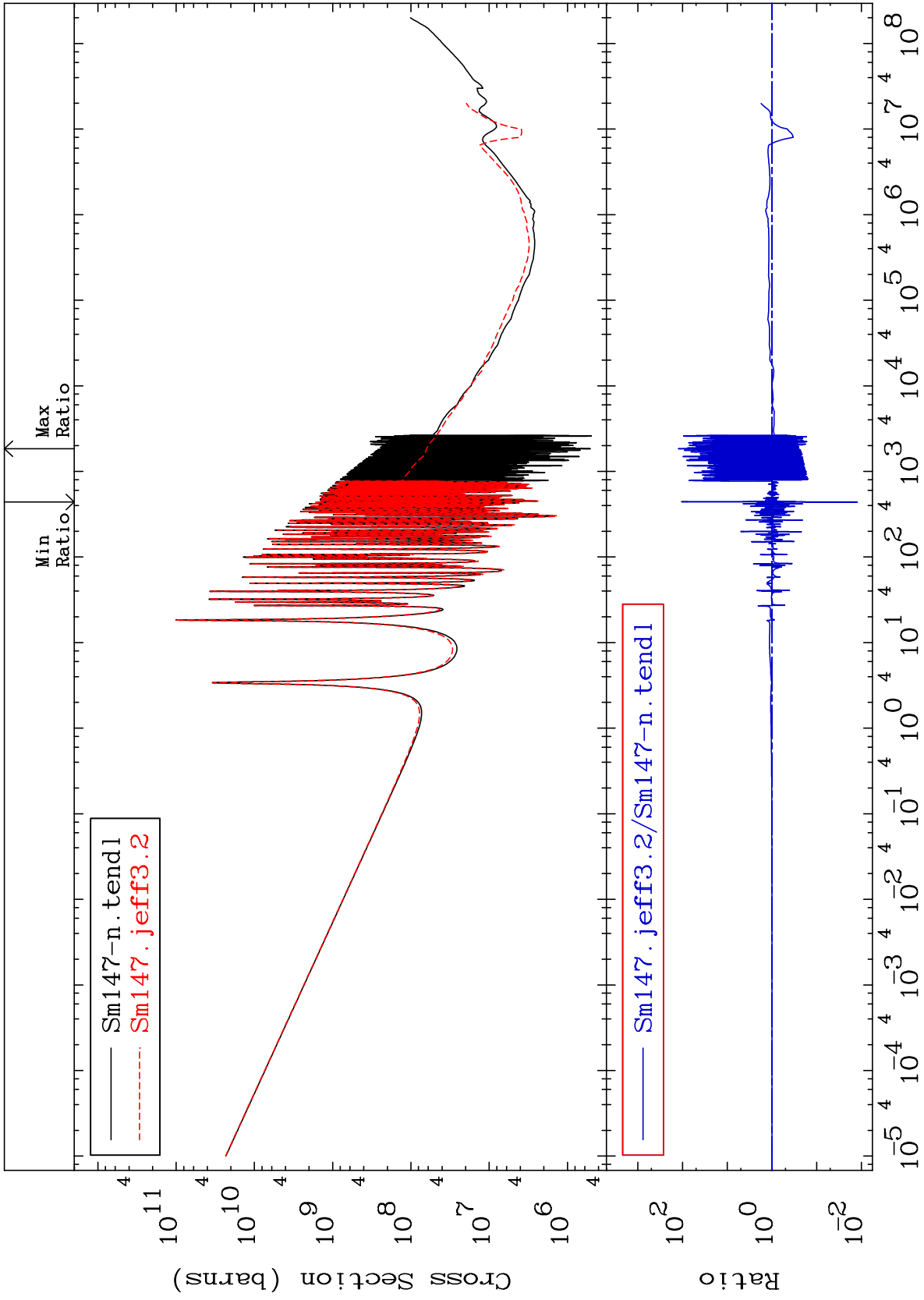


MAT 6234

Kerma elastic
Cross Section

62-Sm-147
-94.46 To 4768. %

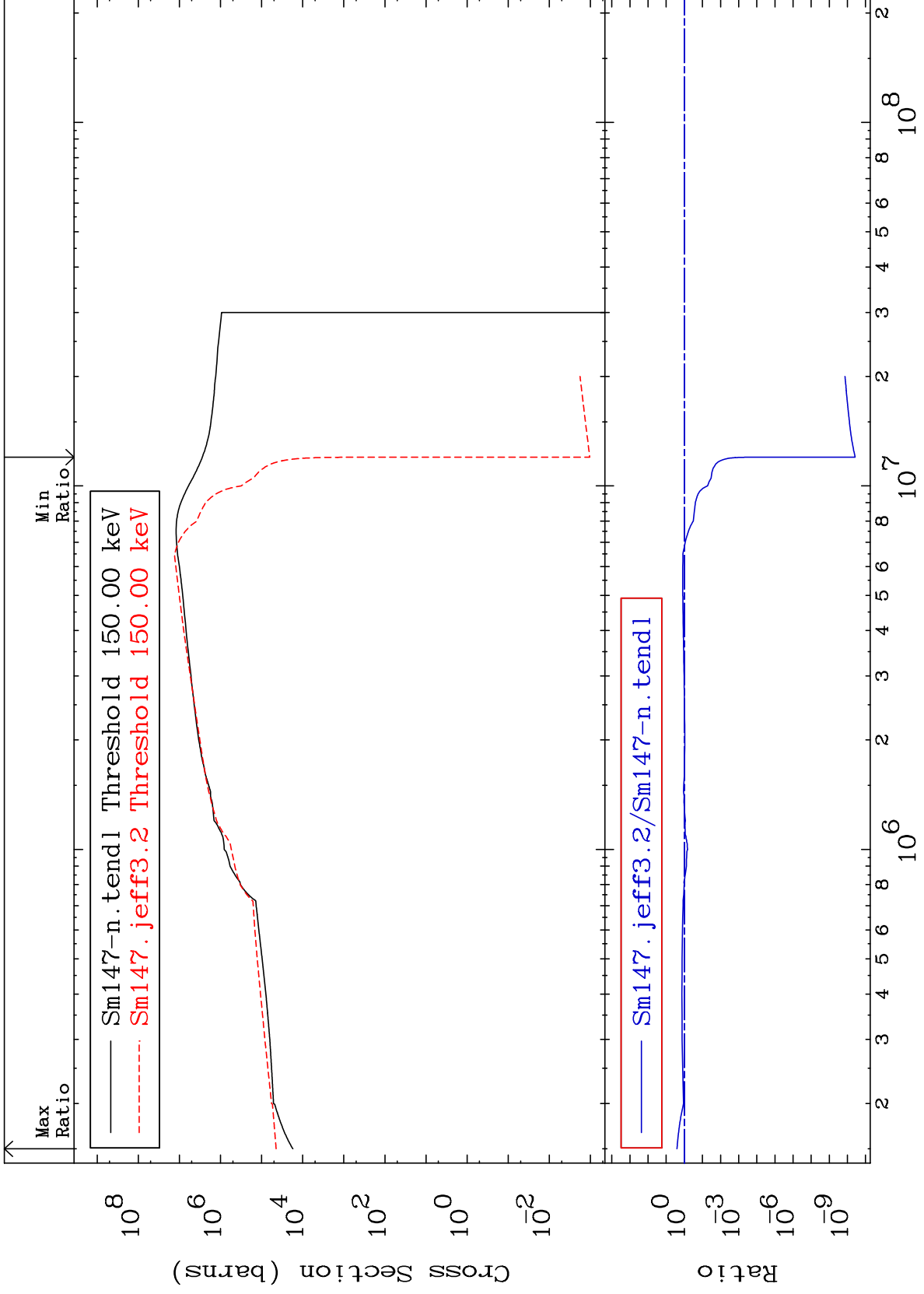


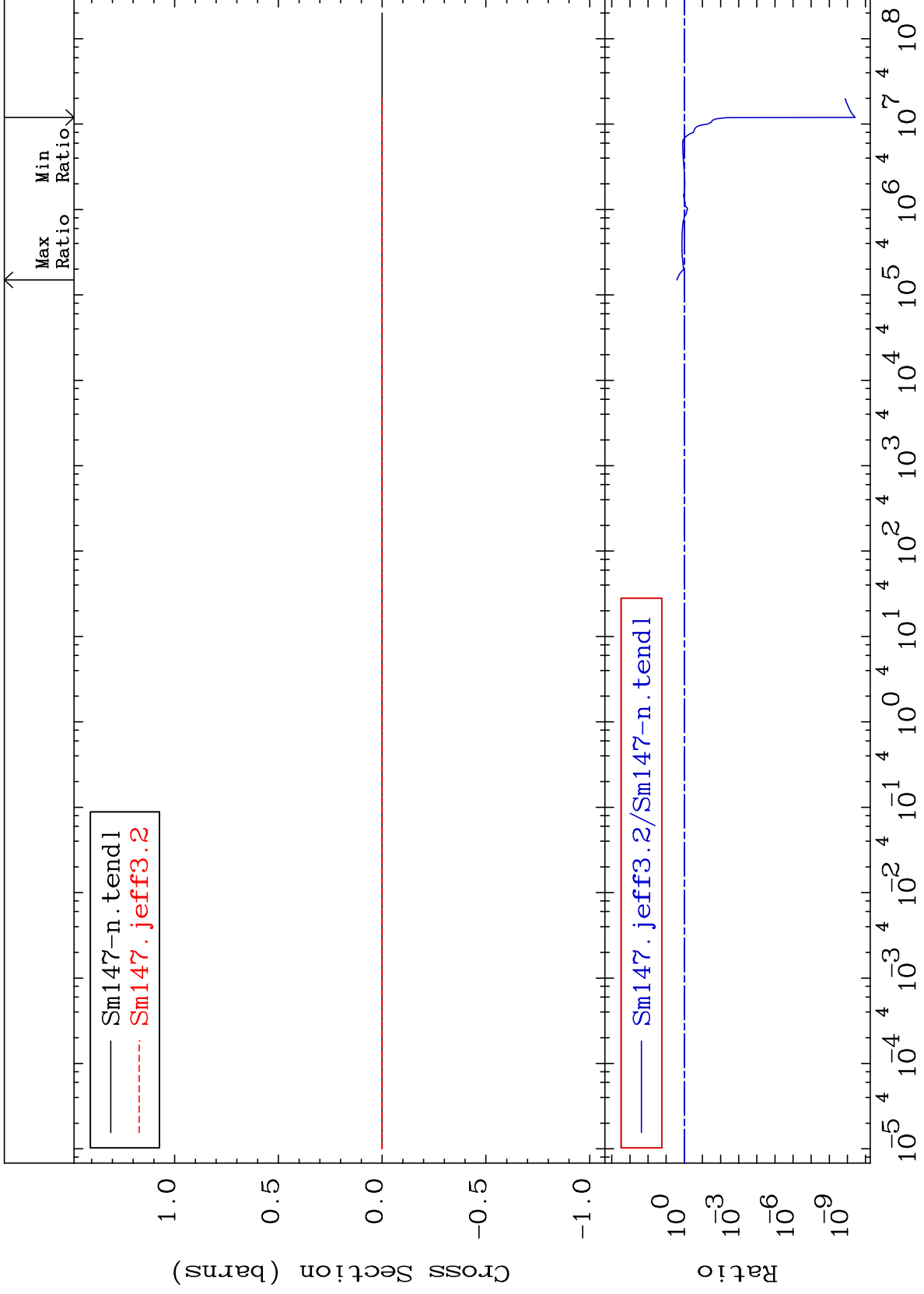


MAT 6234

Kerma inelastic (mt51-91)
Cross Section

62-Sm-147
-100.0 To 155.5 %

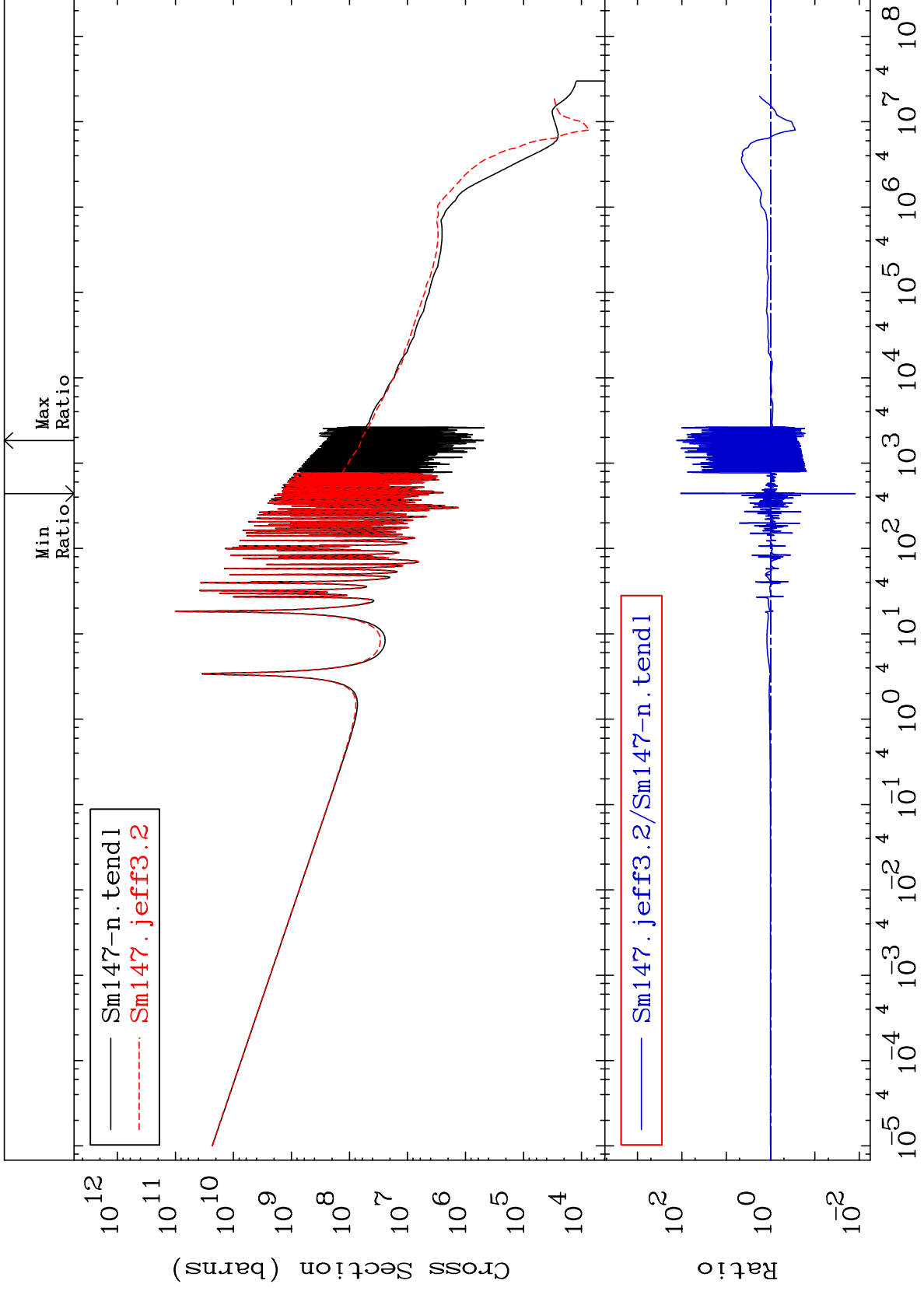




MAT 6234

Kerma capture (mt102)
Cross Section

62-Sm-147
-98.76 To 9999. %



37

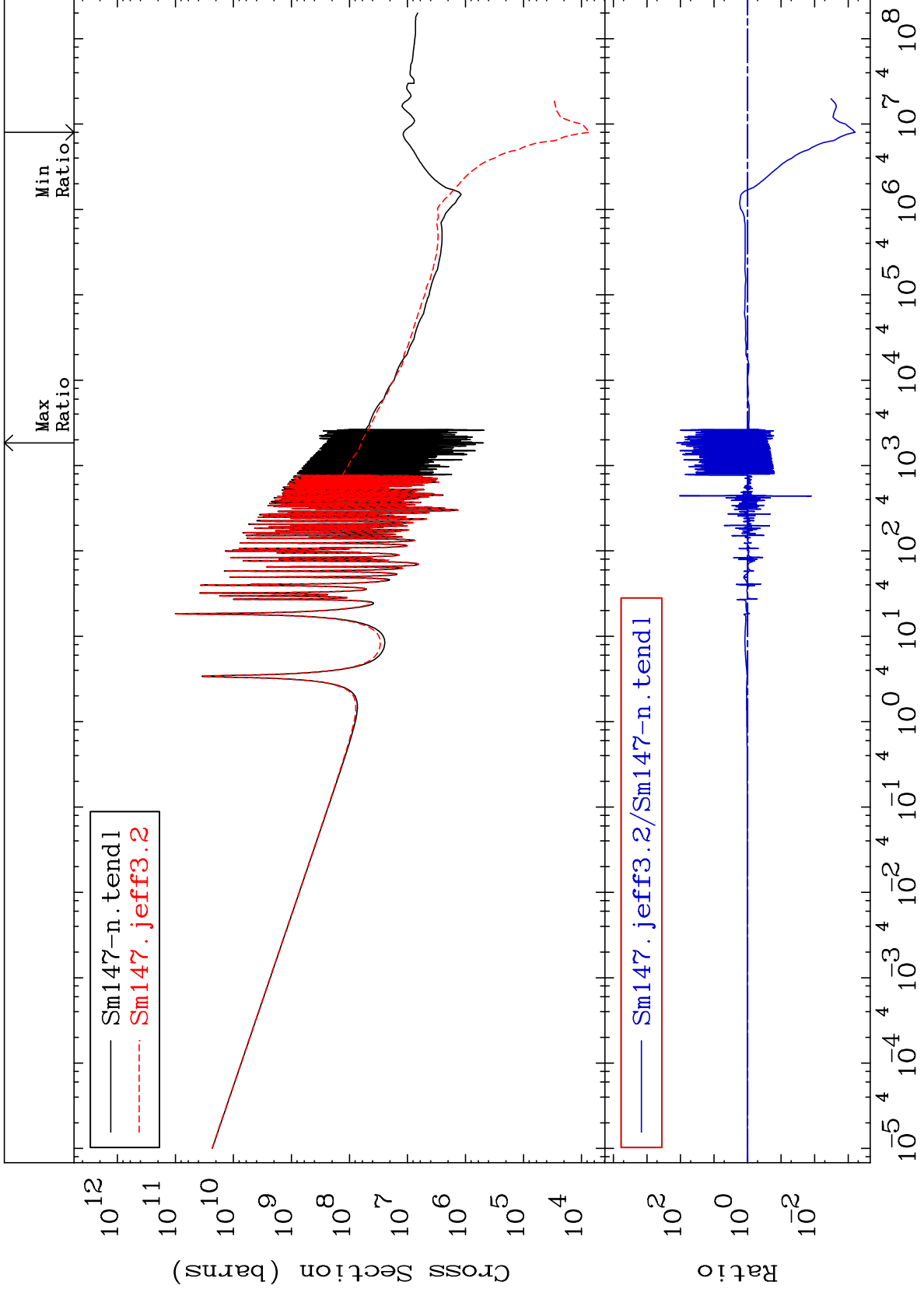
Incident Energy (eV)

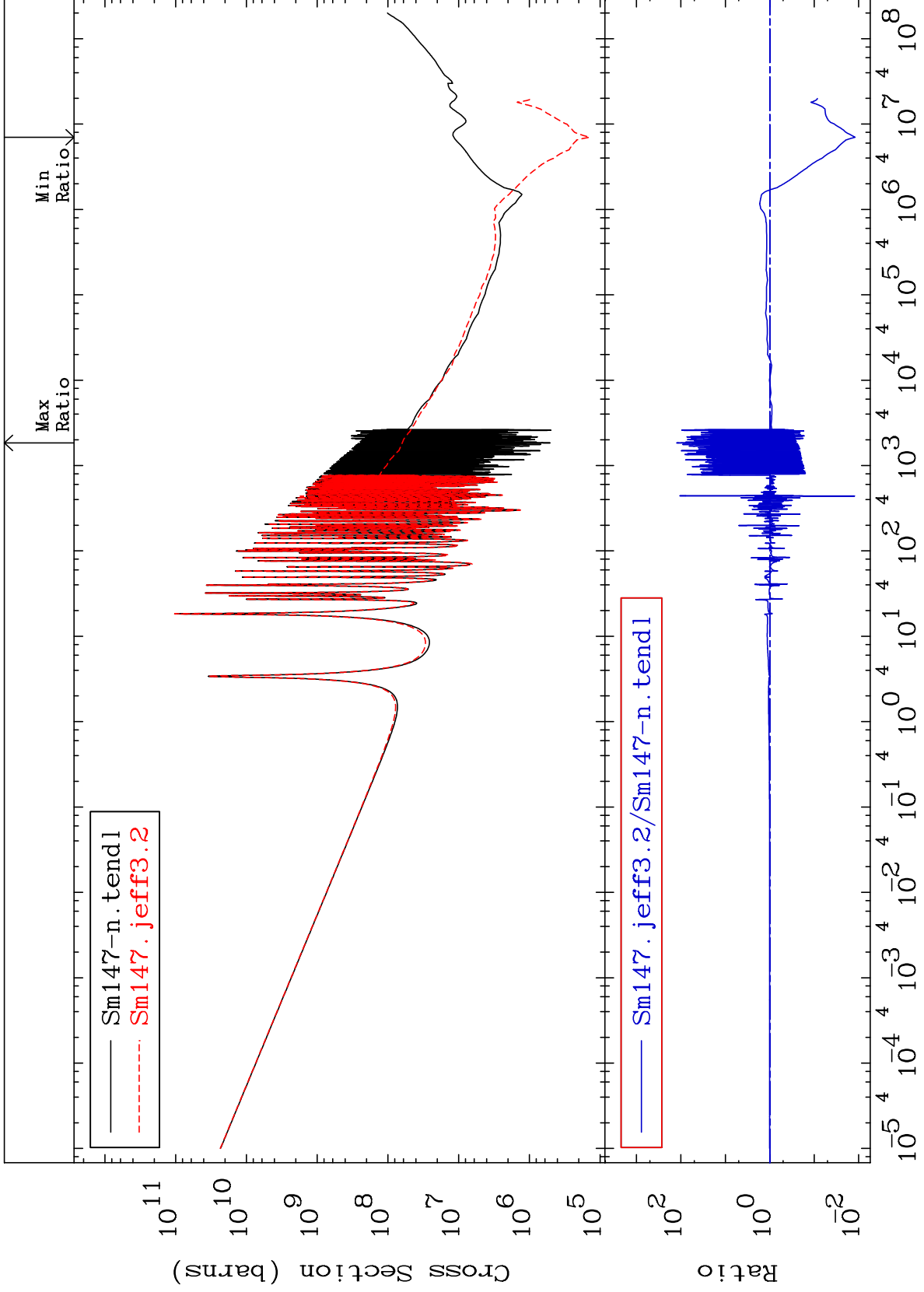
62-Sm-147

MAT 6234

Total photon (eV-barns)
Cross Section

62-Sm-147
-99.94 To 9999. %

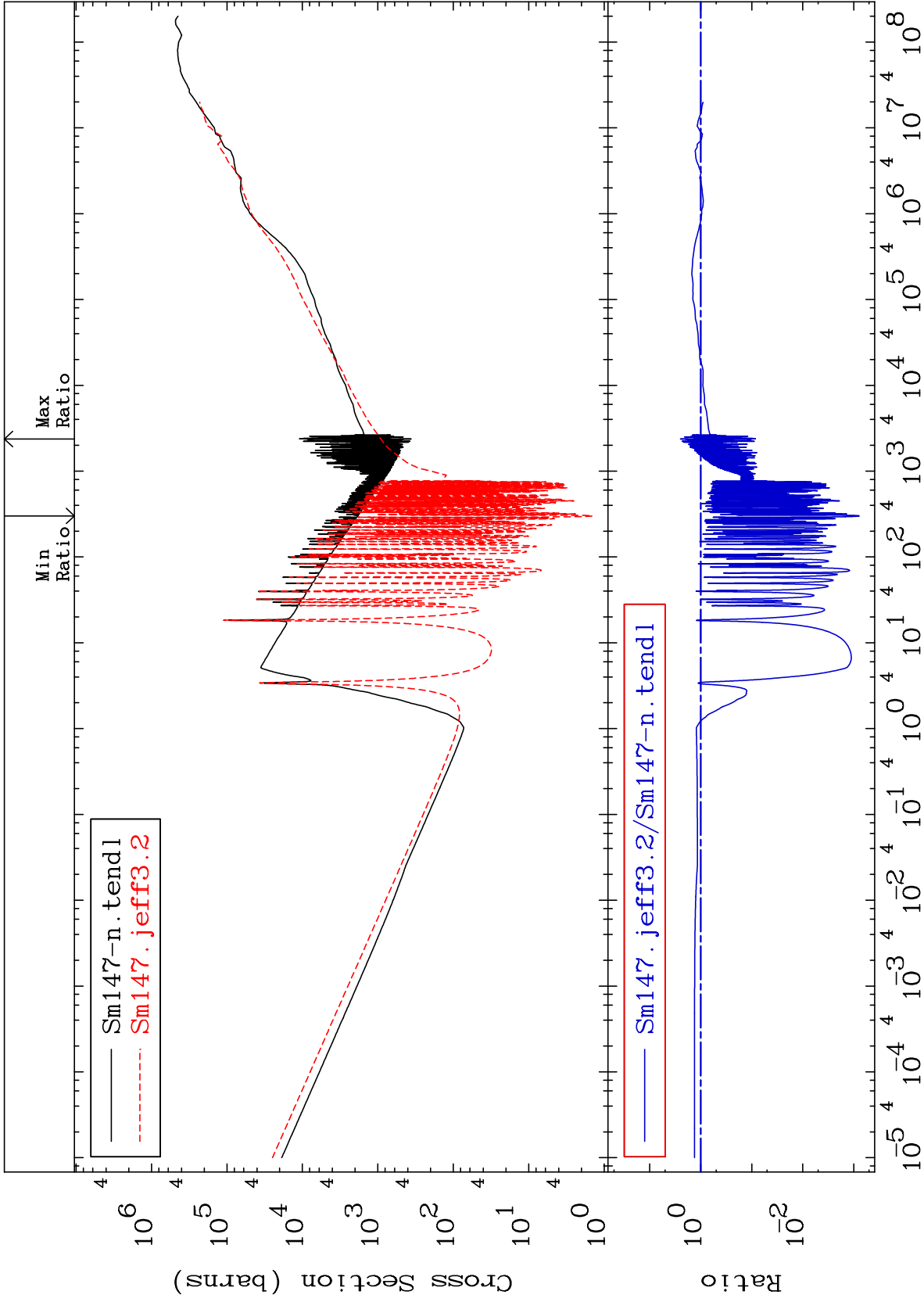




MAT 6234

Dpa total (eV-barns)
Cross Section

62-Sm-147
-99.92 To 150.8 %



40

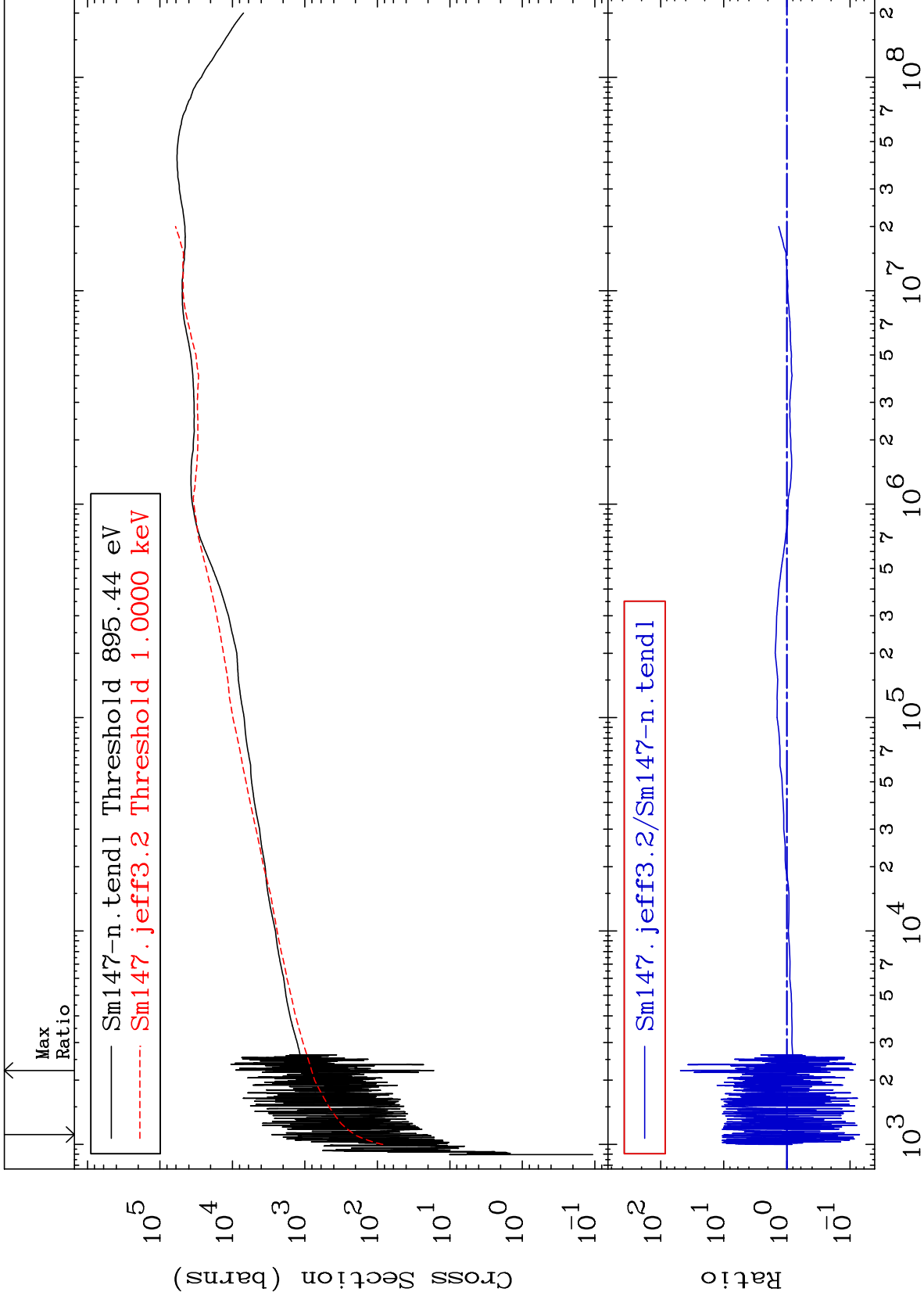
Incident Energy (eV)

62-Sm-147

MAT 6234

Dpa elastic (mt2)
Cross Section

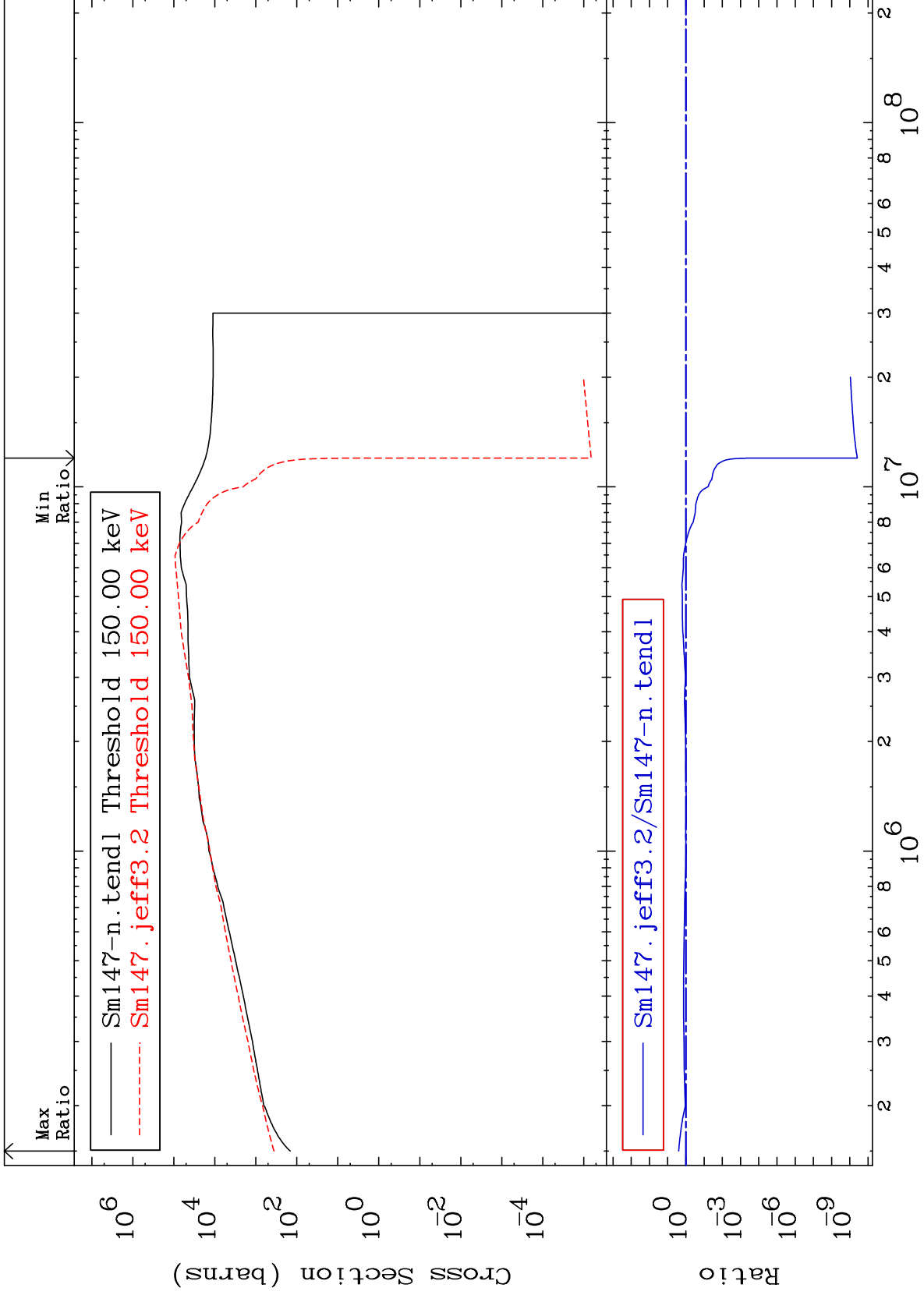
62-Sm-147
-92.90 To 4769. %



MAT 6234

Dpa inelastic (mt51-91)
Cross Section

62-Sm-147
-100.0 To 149.4 %



MAT 6234

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-147
-99.92 To 68.40 %

