

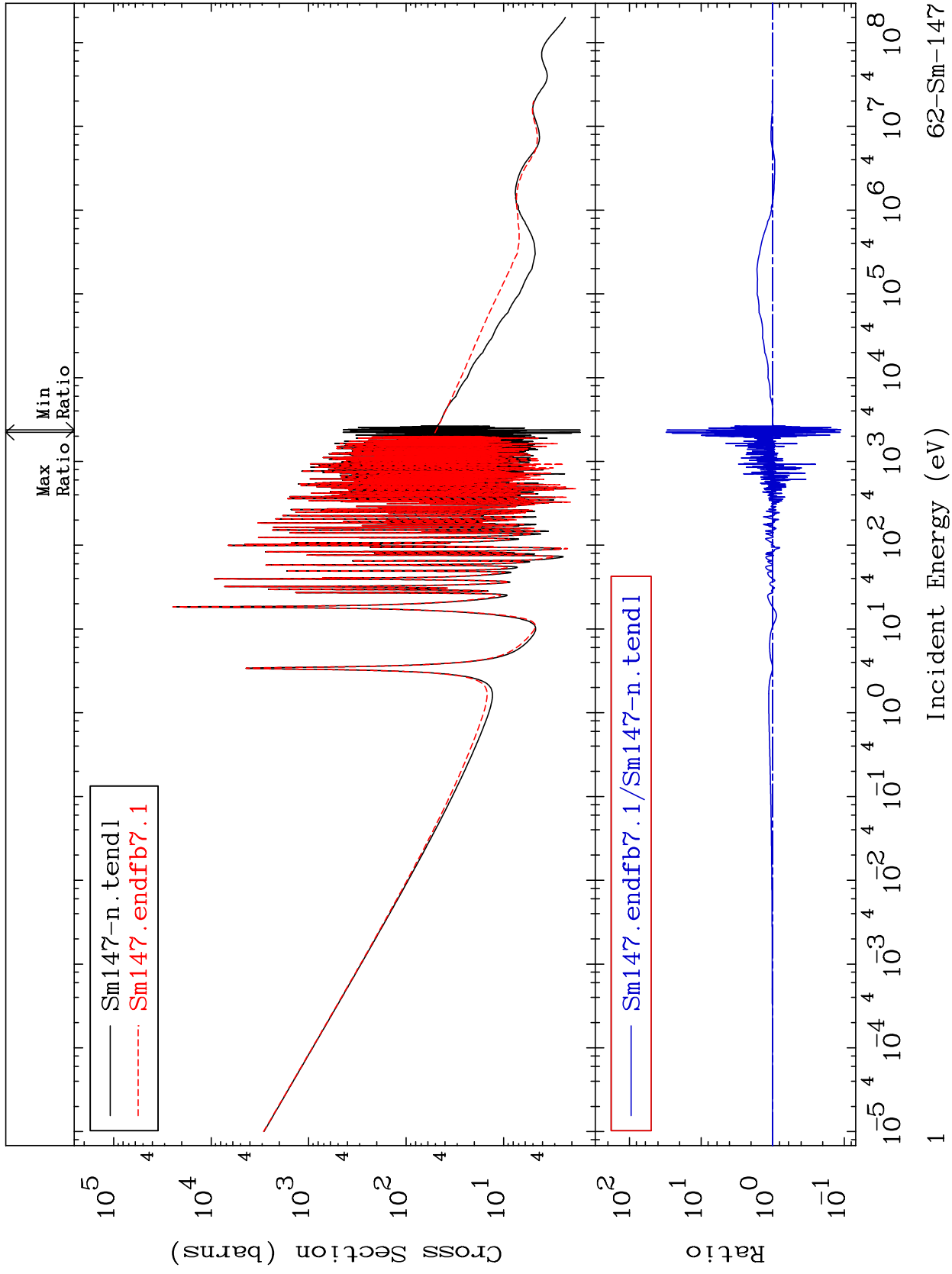
MAT 6234

Total

62-Sm-147

Cross Section

-88.85 To 2992. %

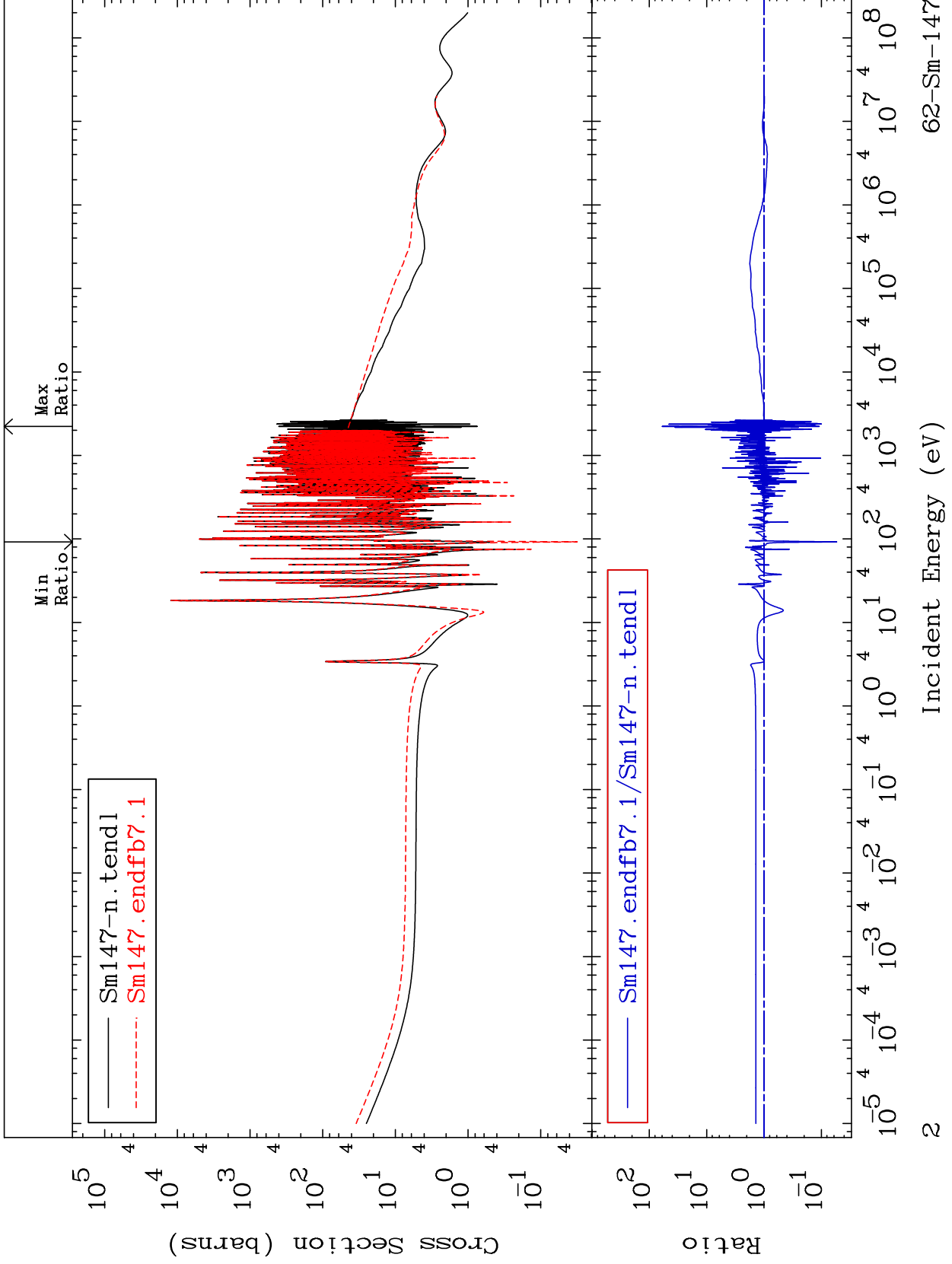


62-Sm-147

MAT 6234

Elastic
Cross Section

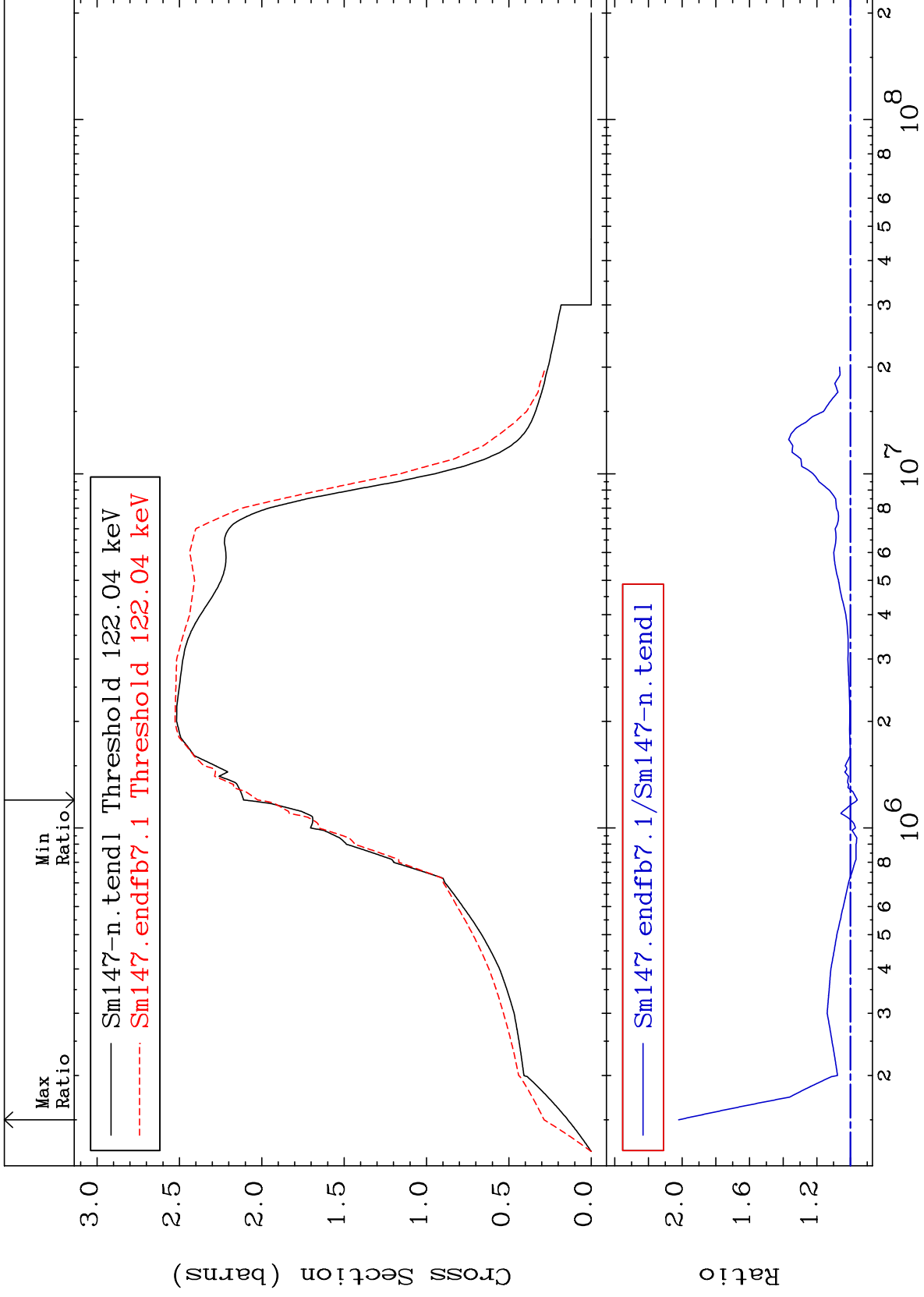
62-Sm-147
-94.59 To 5831. %



MAT 6234

Inelastic
Cross Section

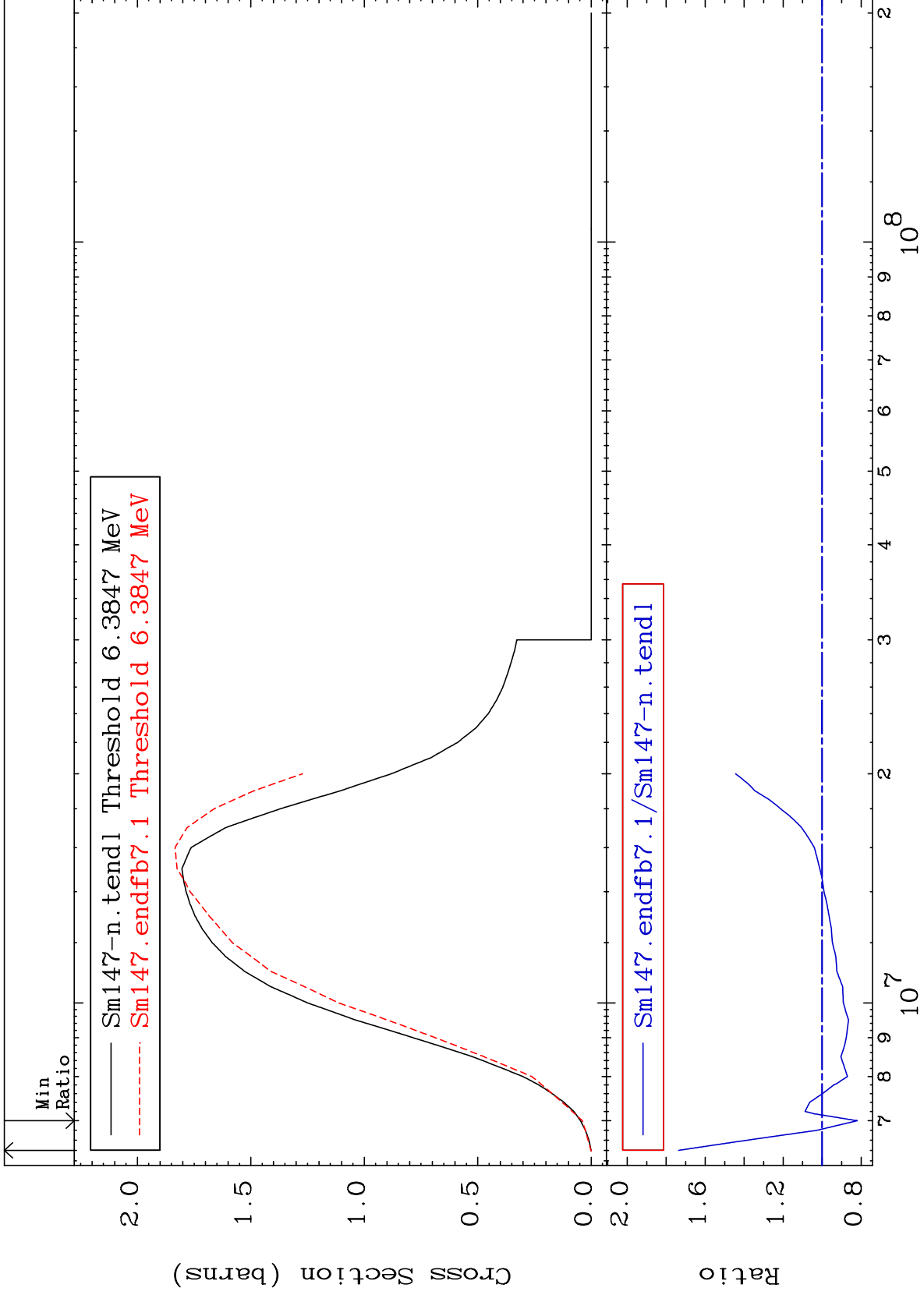
62-Sm-147
-4.031 To 102.1 %



MAT 6234

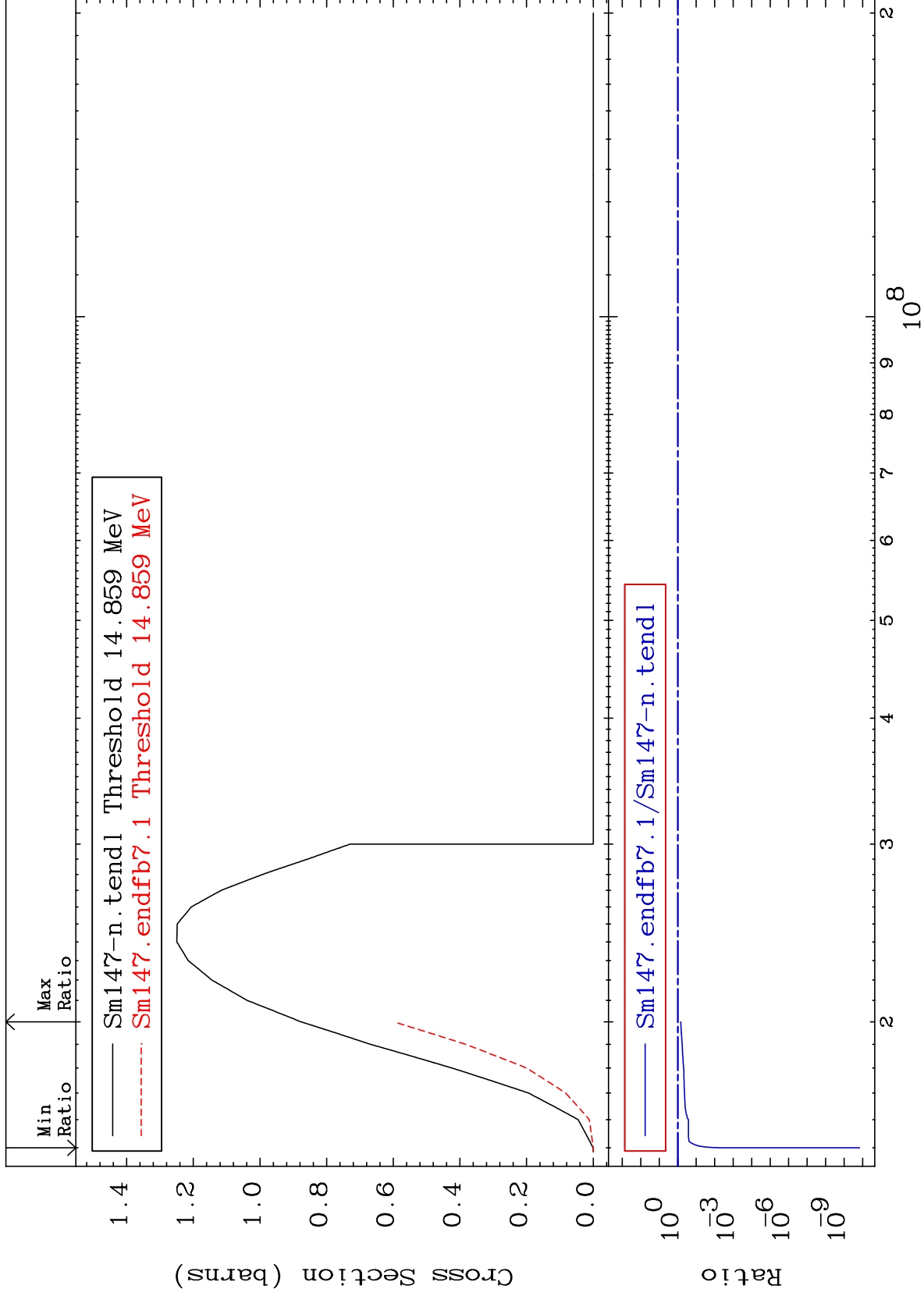
(n,2n)
Cross Section

62-Sm-147
-18.03 To 73.63 %



Cross Section

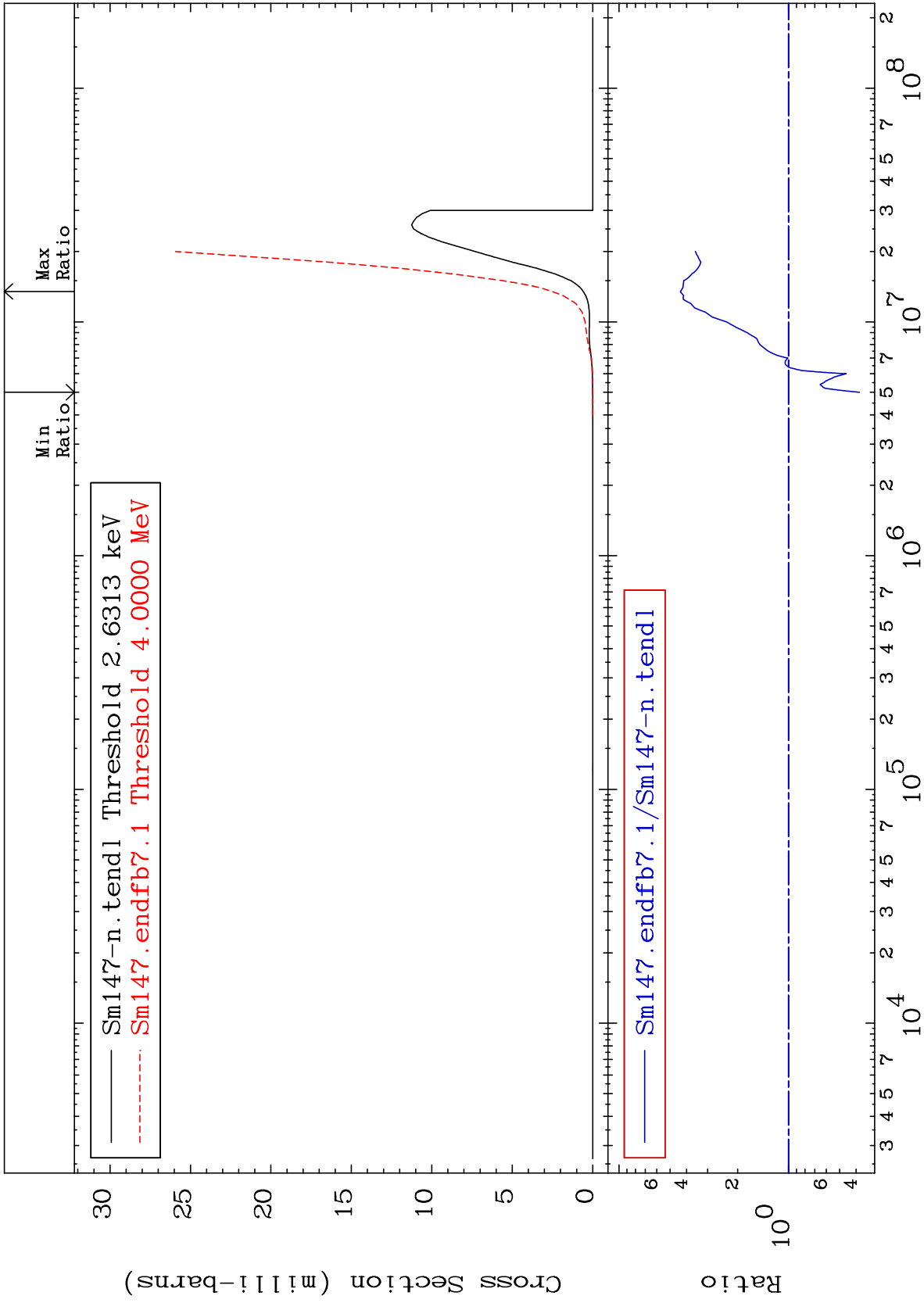
-100.0 To -31.68%



MAT 6234

$(n, n') \alpha$
Cross Section

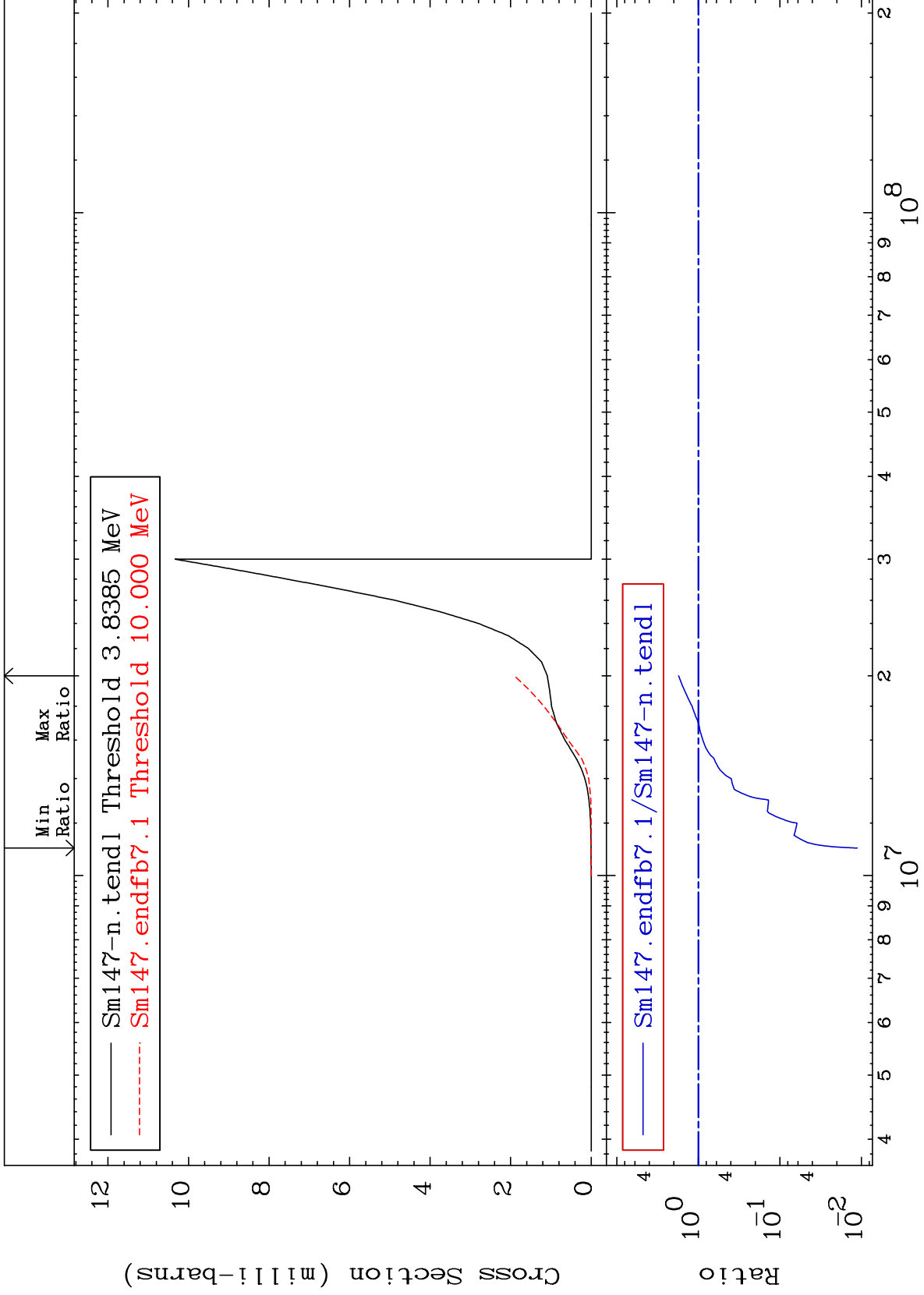
62-Sm-147
-61.79 To 335.0 %



MAT 6234

(n,2n) α
Cross Section

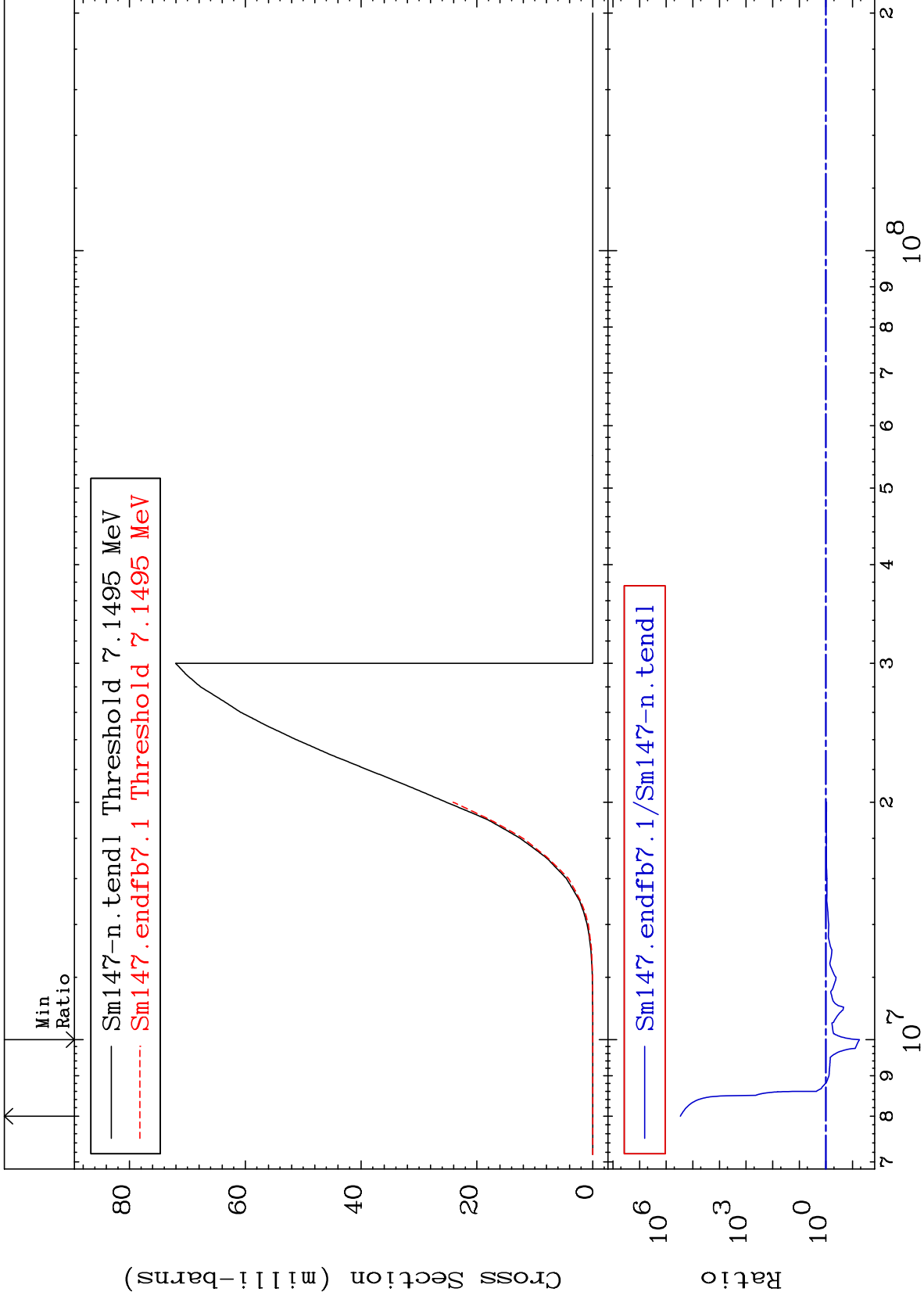
62-Sm-147
-98.87 To 74.61 %



MAT 6234

(n, n') p
Cross Section

62-Sm-147
-94.47 To 9999. %



8

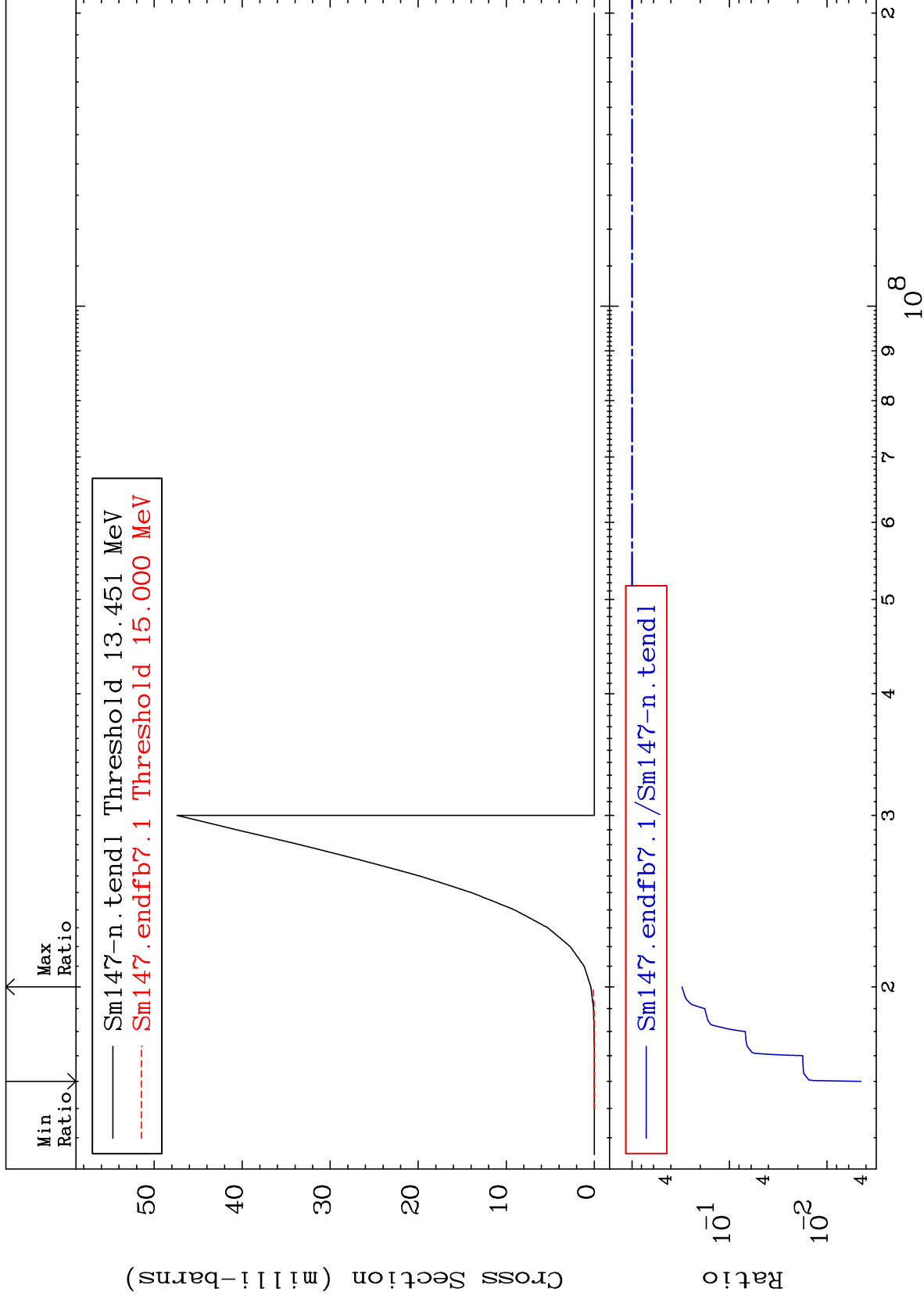
Incident Energy (eV)

62-Sm-147

MAT 6234

(n,2n) p
Cross Section

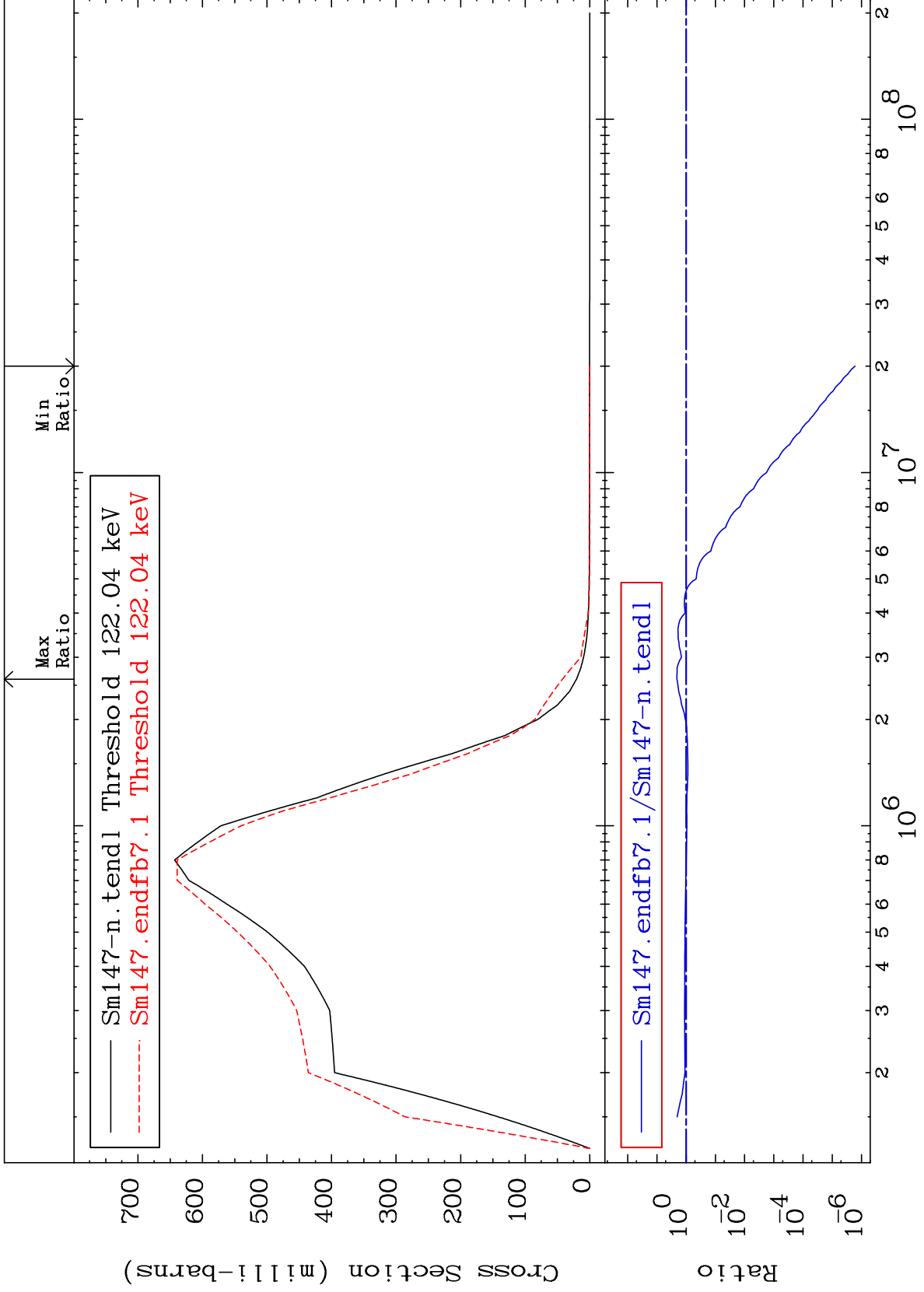
62-Sm-147
-99.55 To -69.25%



MAT 6234

121.2 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 107.0 %



10

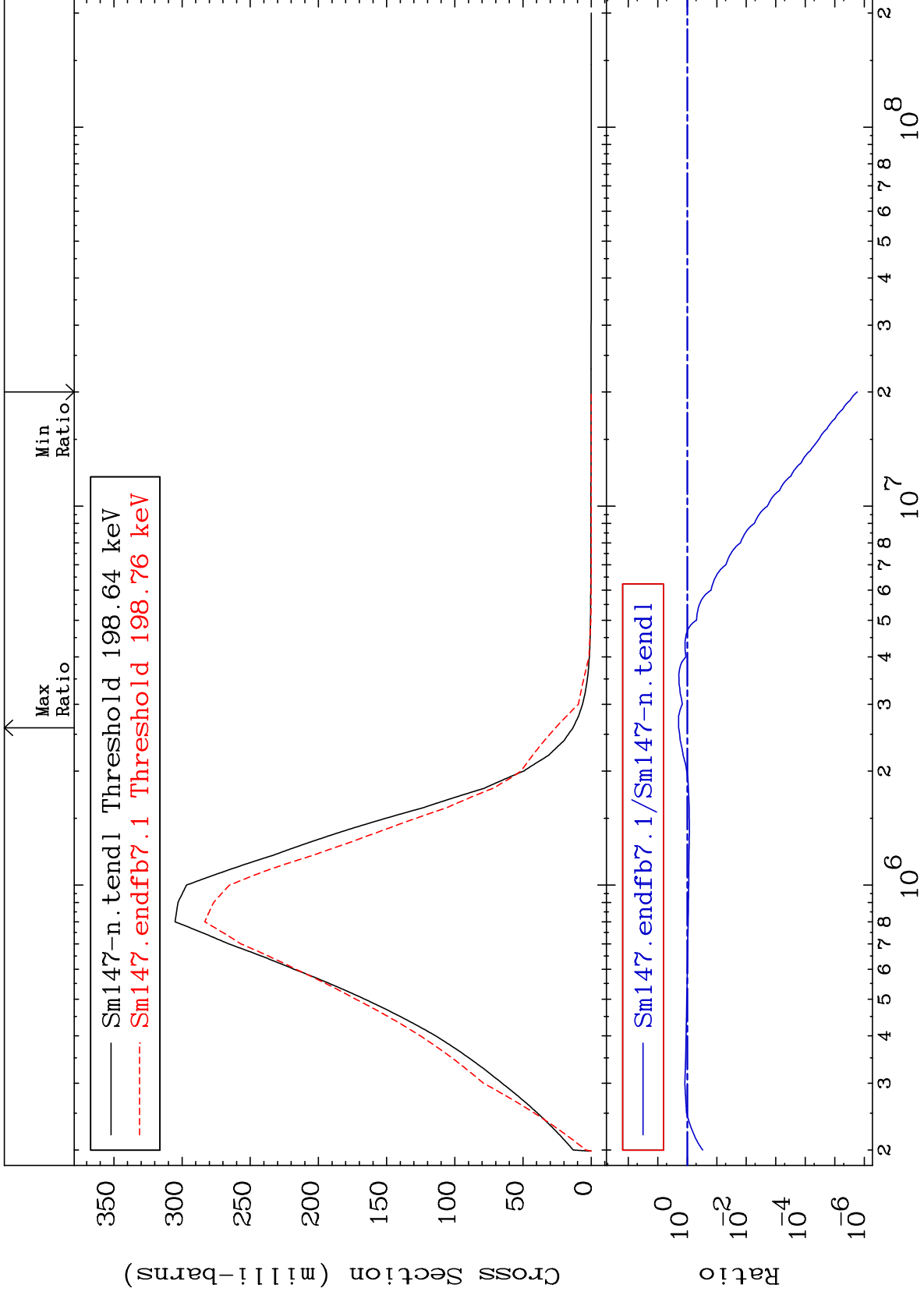
Incident Energy (eV)

62-Sm-147

MAT 6234

197.3 keV (n,n') Level
Cross Section

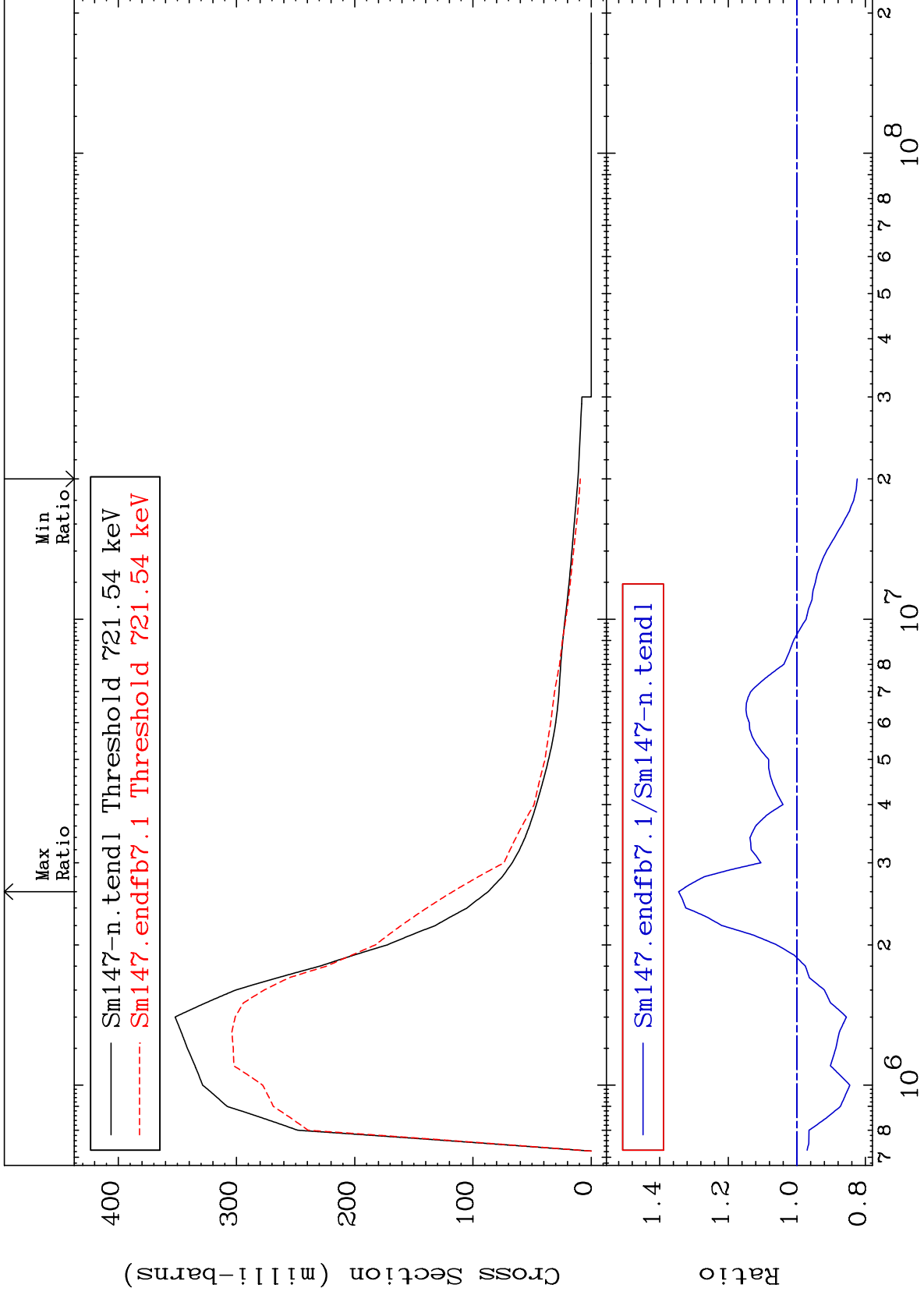
62-Sm-147
-100.0 To 95.94 %



MAT 6234

716.6 keV (n,n') Level
Cross Section

62-Sm-147
-17.61 To 34.49 %



12

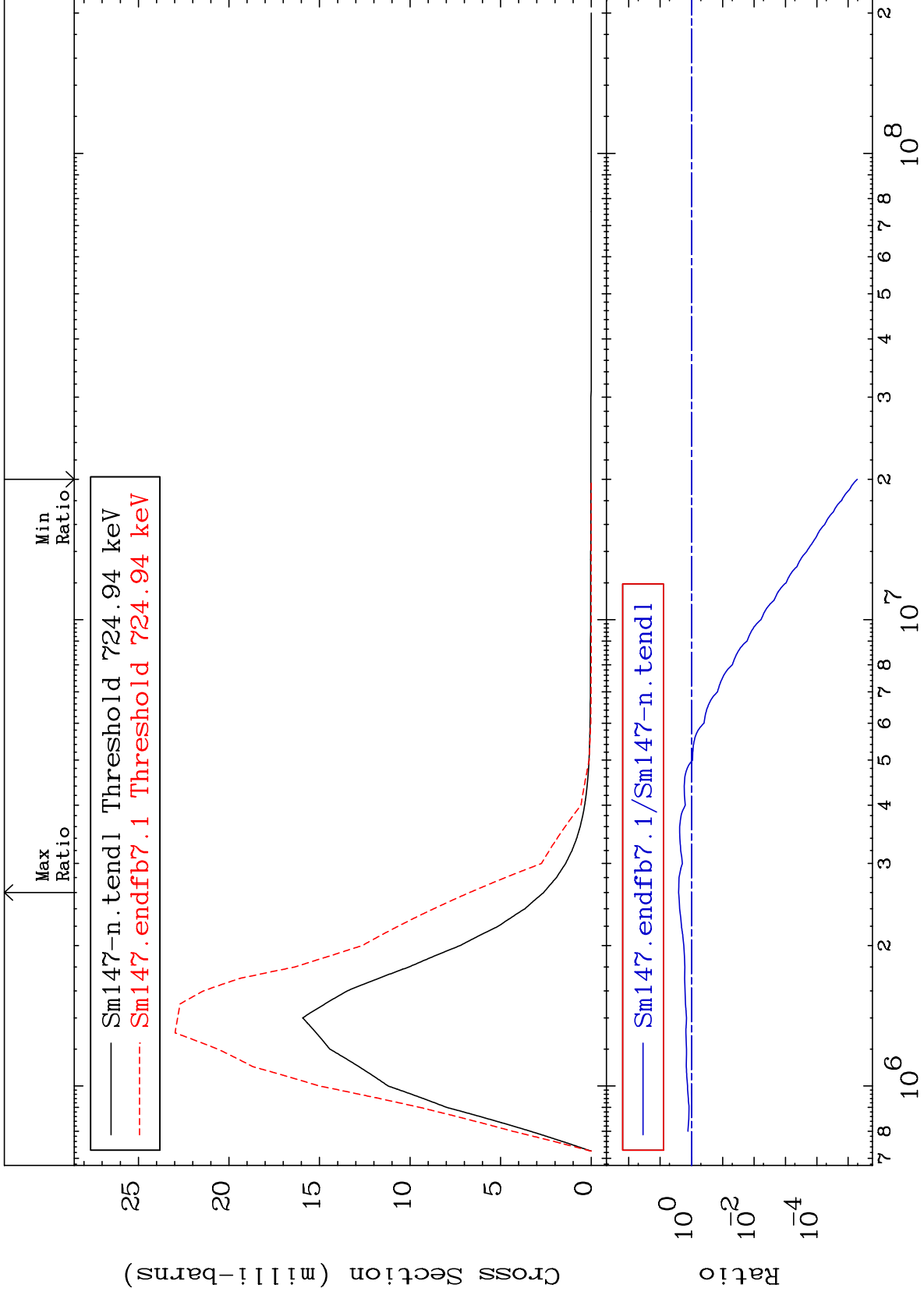
Incident Energy (eV)

62-Sm-147

MAT 6234

720.0 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 155.5 %



13

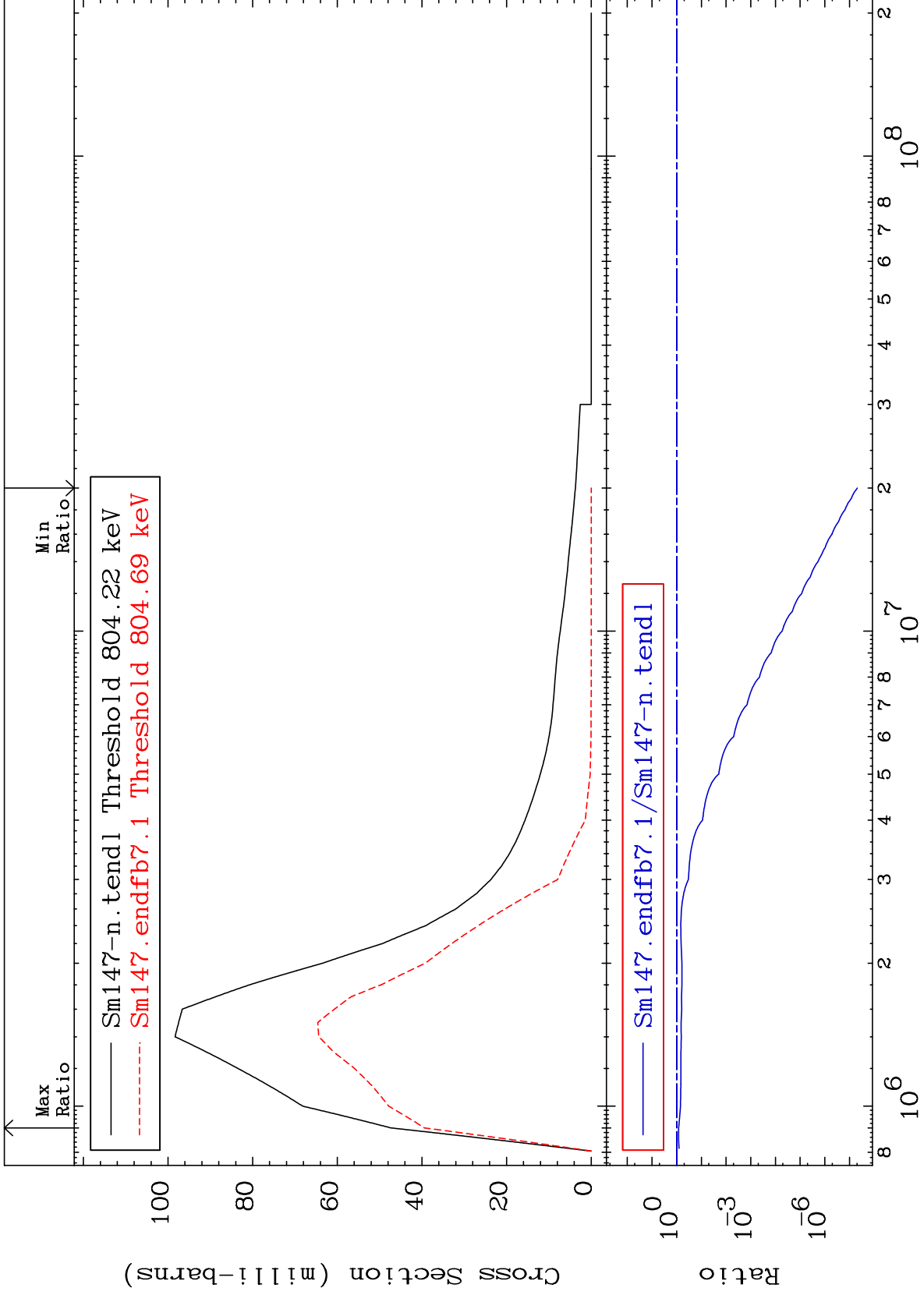
Incident Energy (eV)

62-Sm-147

MAT 6234

798.7 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To -16.76%



14

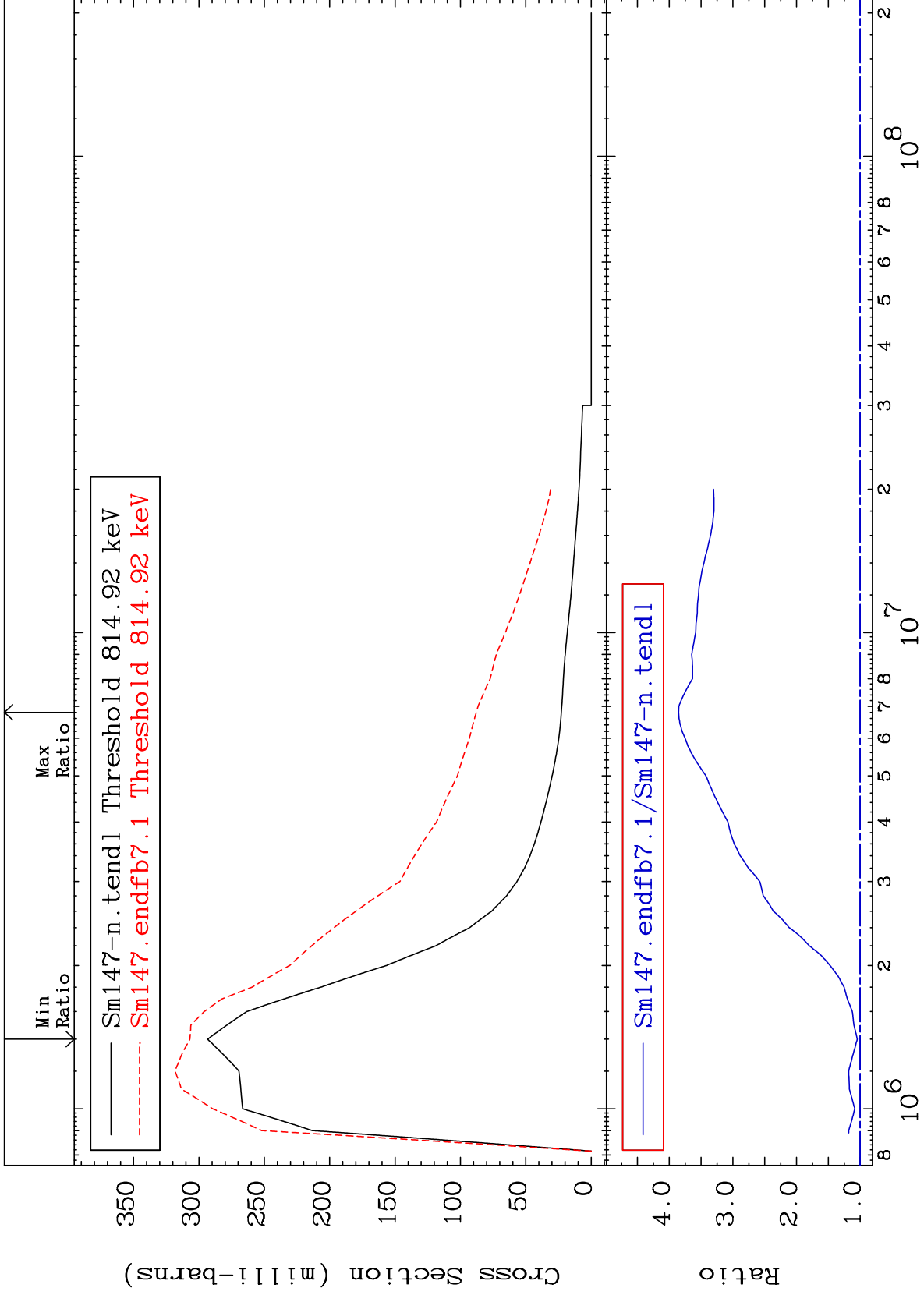
Incident Energy (eV)

62-Sm-147

MAT 6234

809.4 keV (n,n') Level
Cross Section

62-Sm-147
4.624 To 285.3 %



15

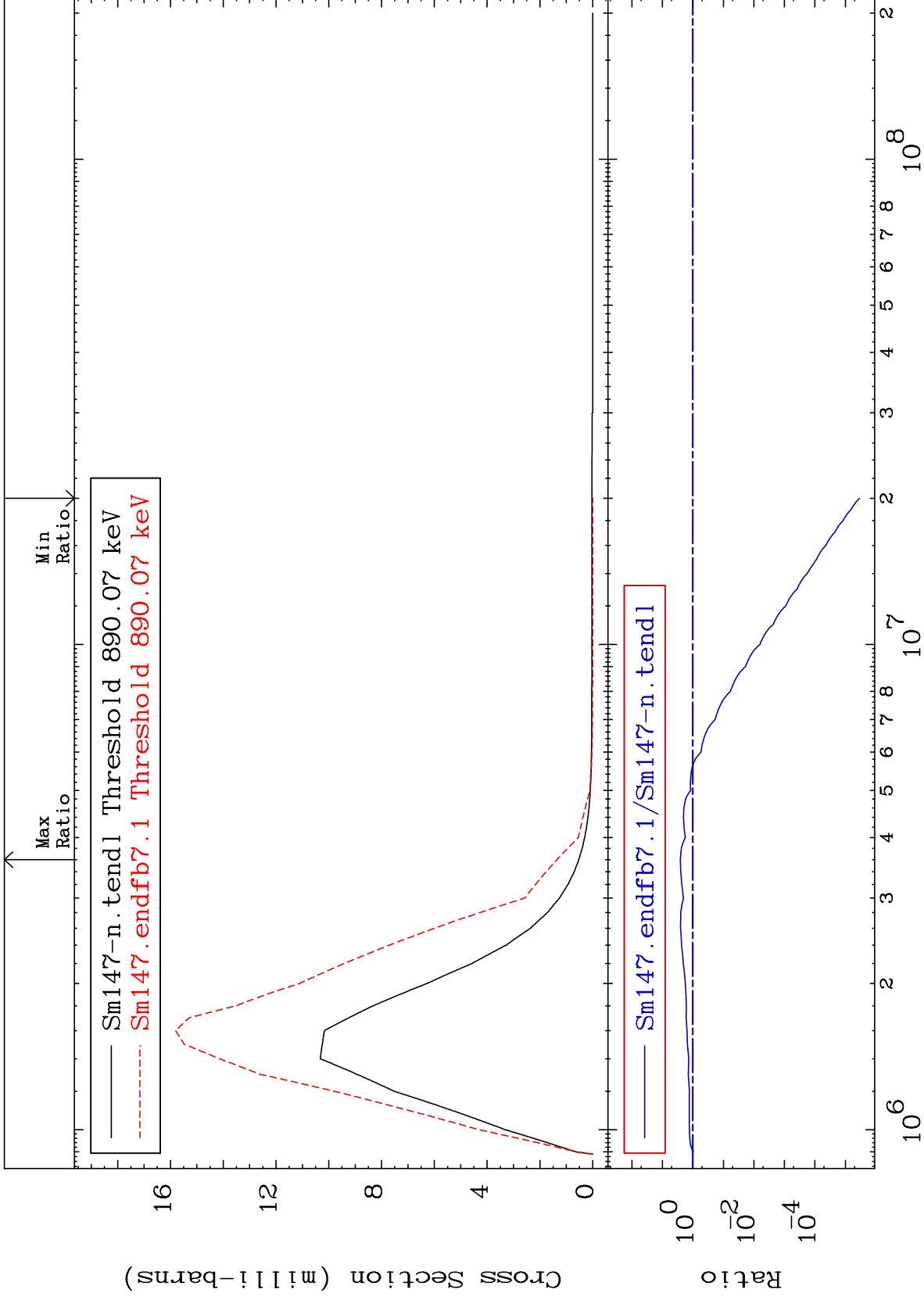
Incident Energy (eV)

62-Sm-147

MAT 6234

884.0 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 157.3 %



16

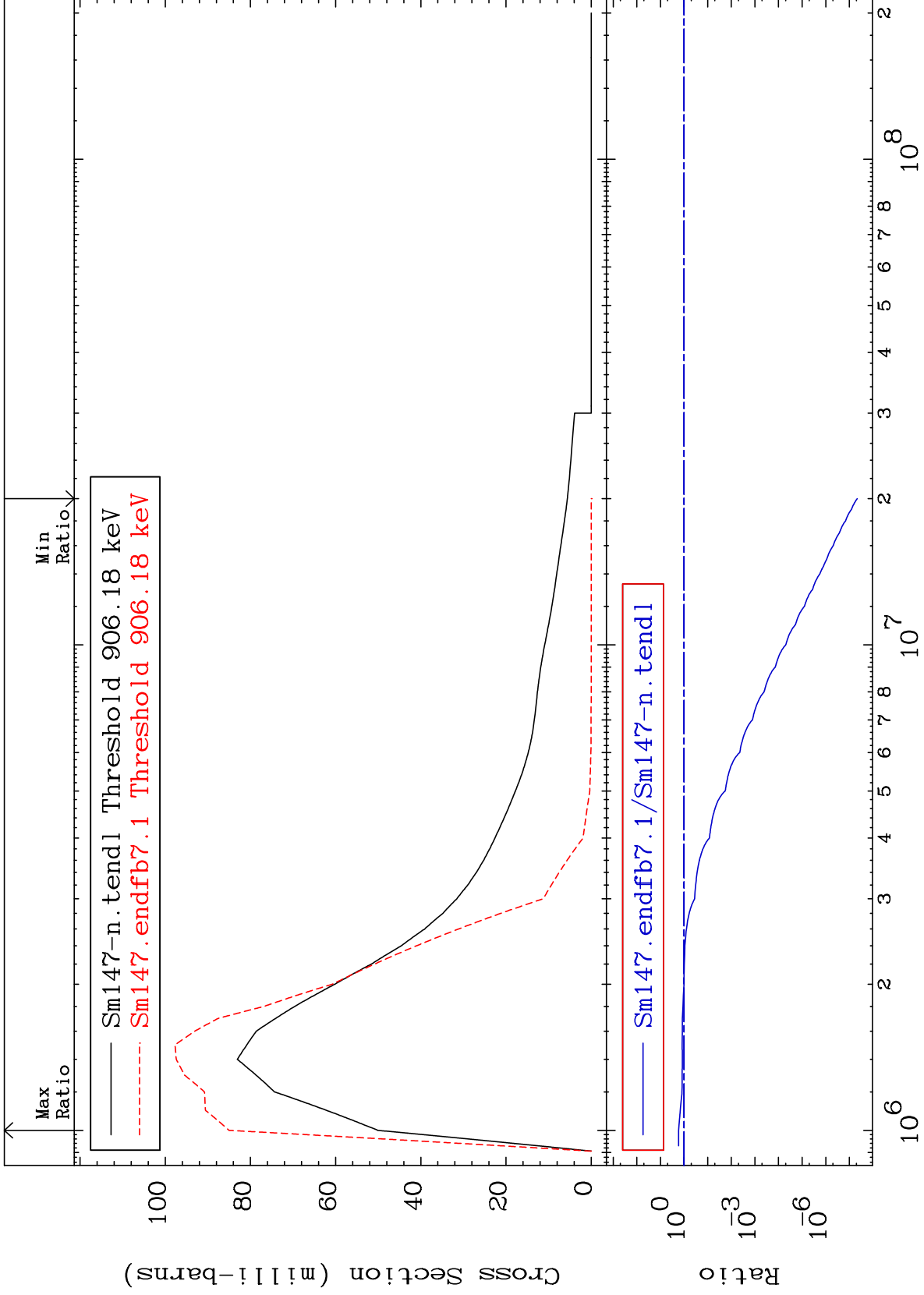
Incident Energy (eV)

62-Sm-147

MAT 6234

900.0 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 69.80 %



17

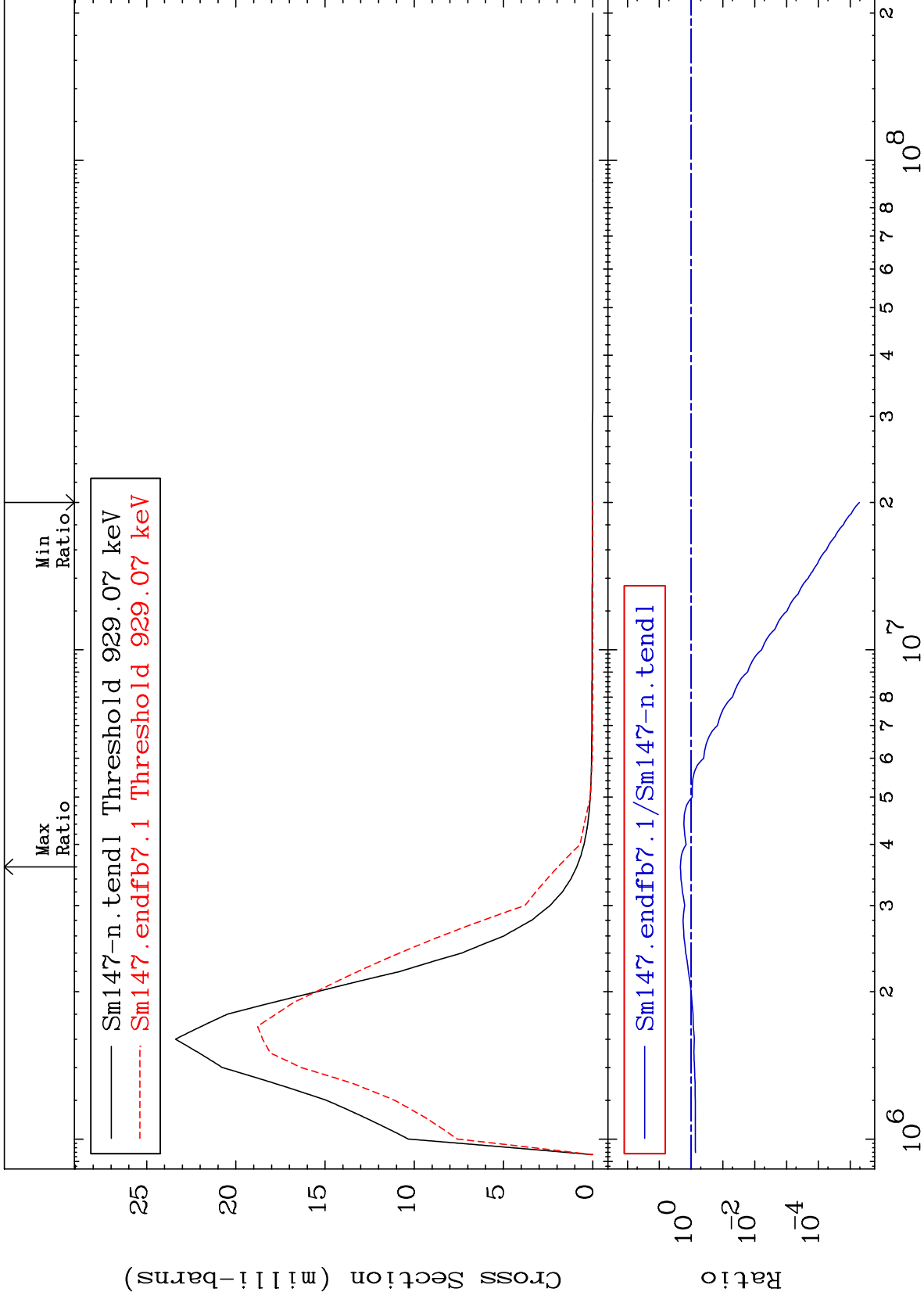
Incident Energy (eV)

62-Sm-147

MAT 6234

922.7 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 118.3 %



18

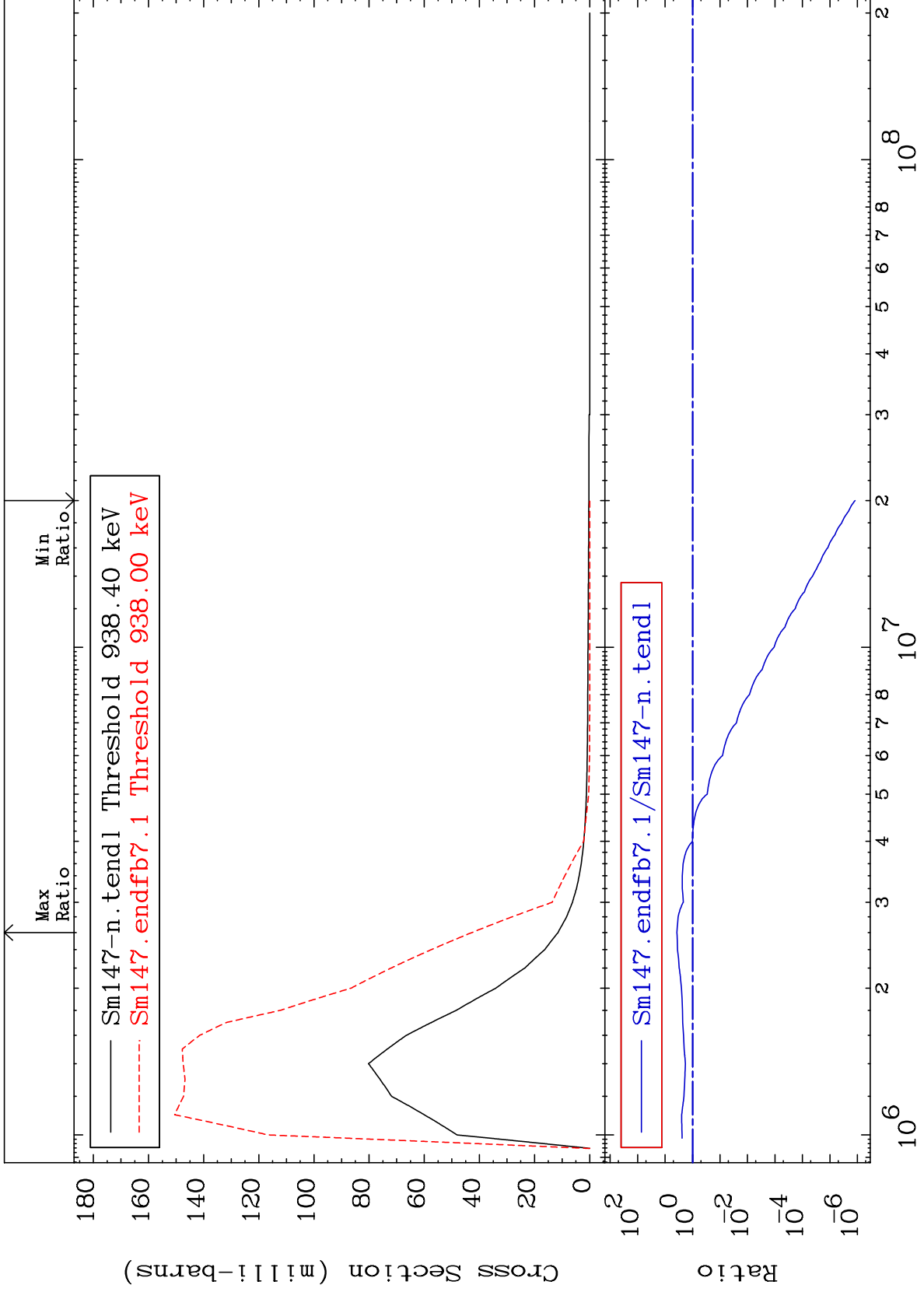
Incident Energy (eV)

62-Sm-147

MAT 6234

932.0 keV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 271.4 %



19

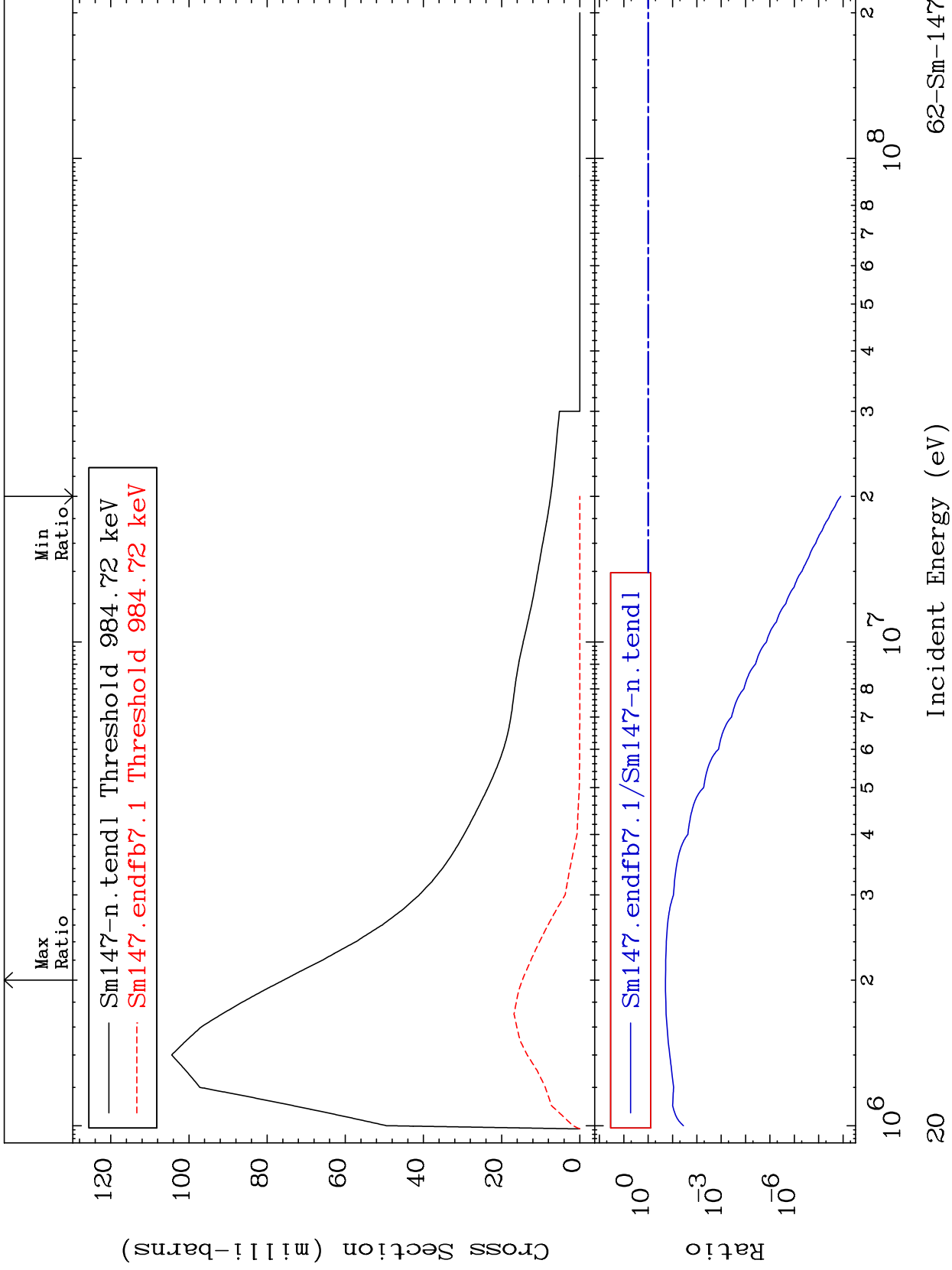
Incident Energy (eV)

62-Sm-147

MAT 6234

978.0 keV (n,n') Level
Cross Section

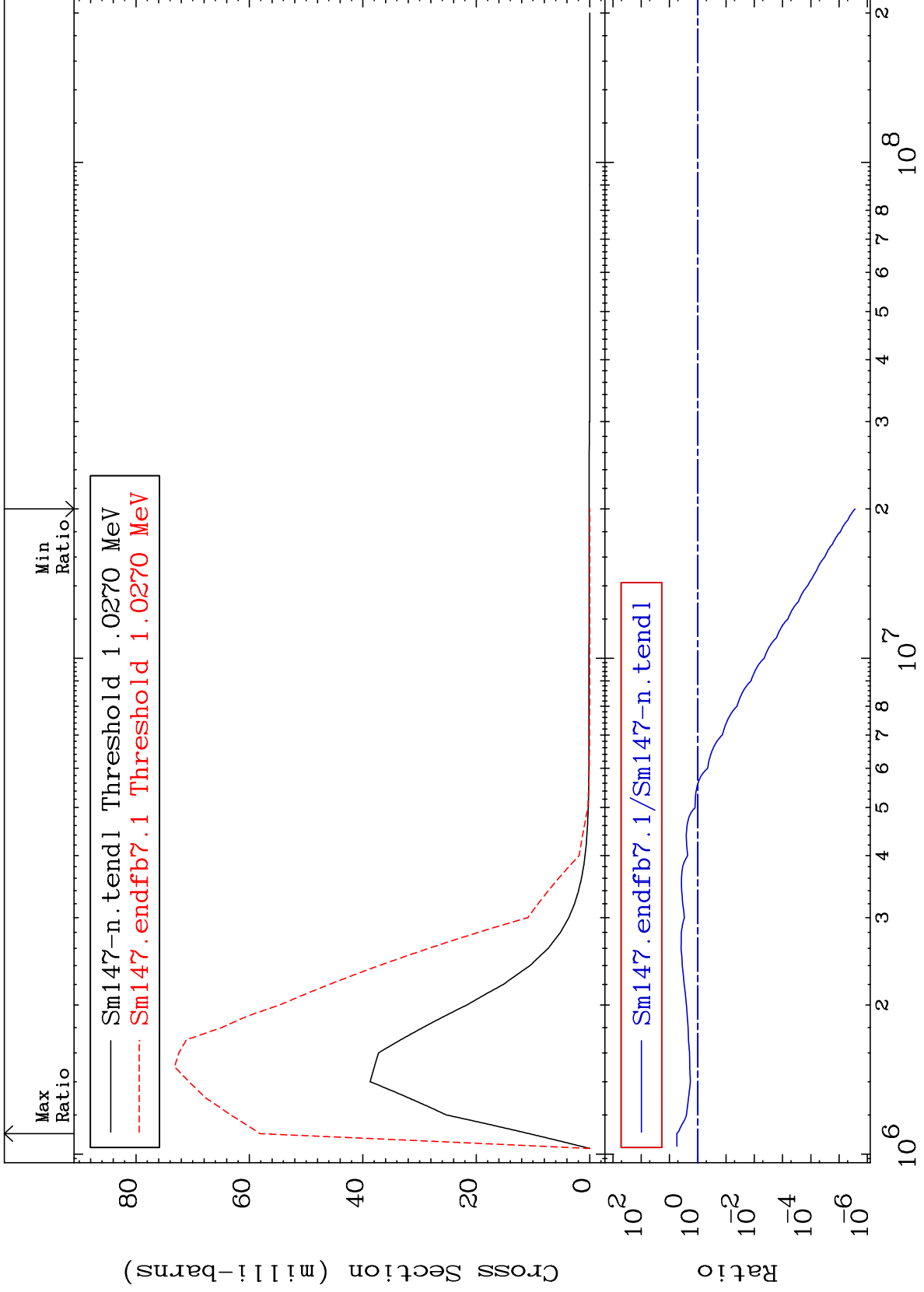
62-Sm-147
-100.0 To -80.62%



MAT 6234

1.020 MeV (n,n') Level
Cross Section

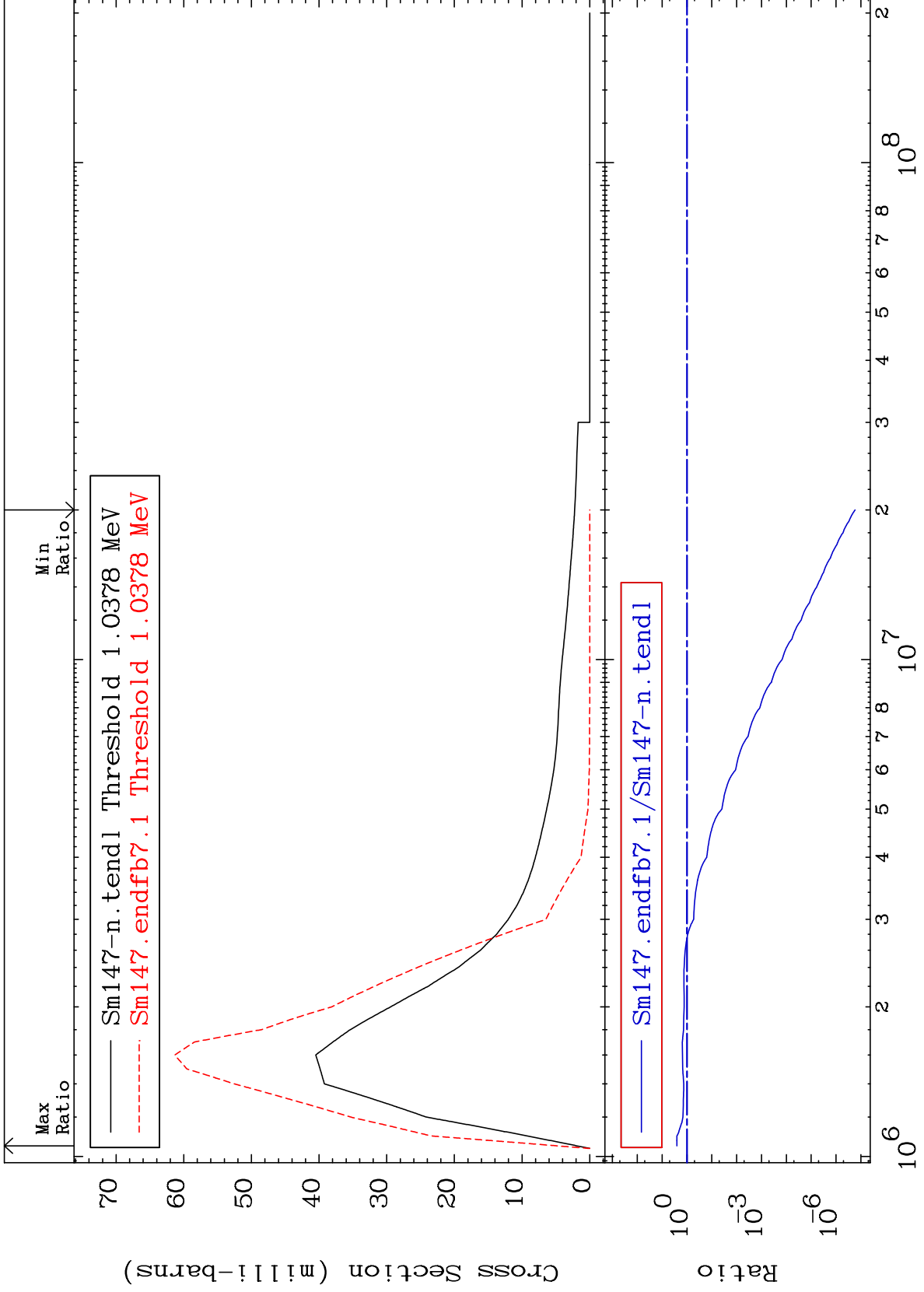
62-Sm-147
-100.0 To 444.8 %



MAT 6234

1.031 MeV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 153.7 %



22

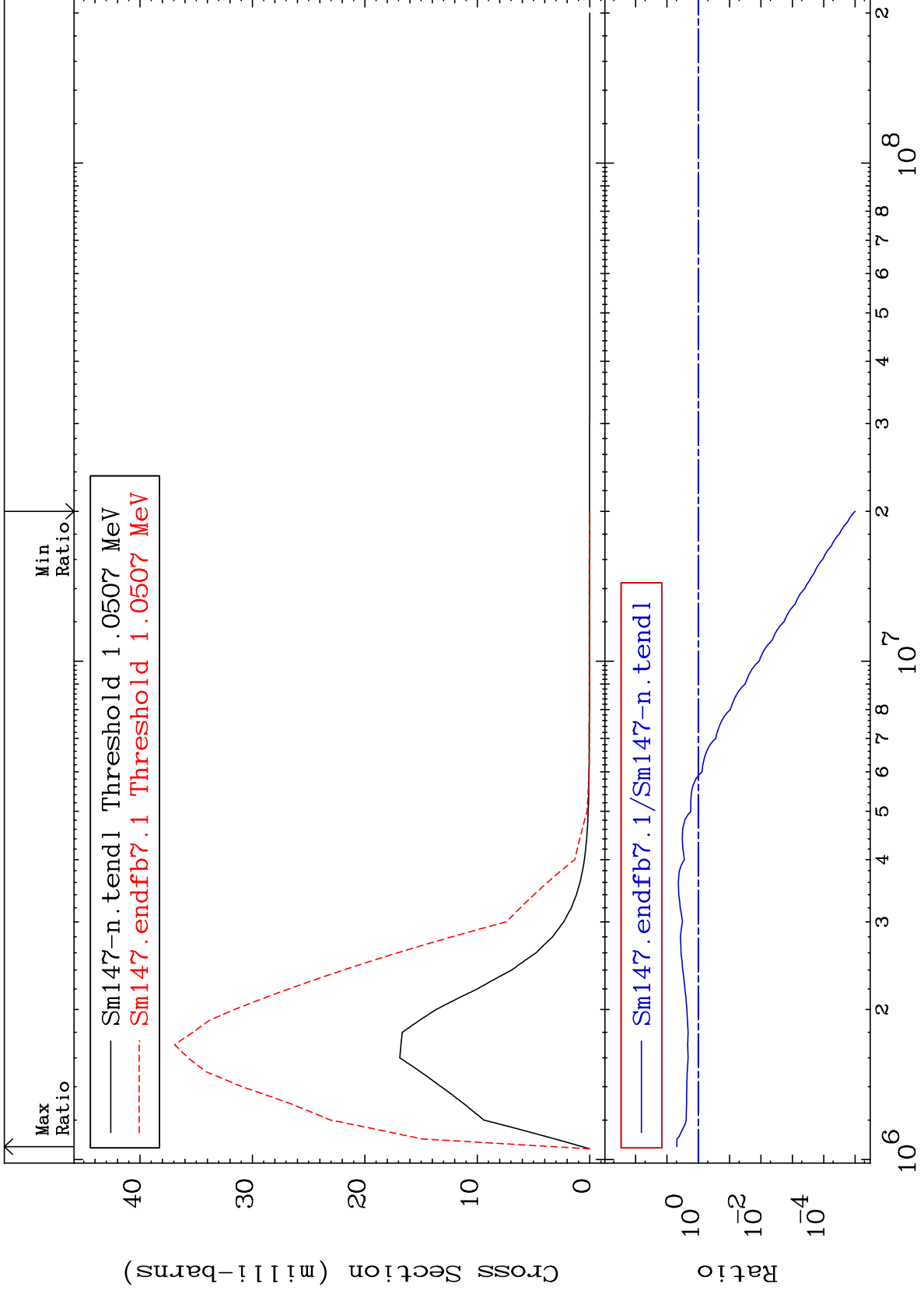
Incident Energy (eV)

62-Sm-147

MAT 6234

1.044 MeV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 381.9 %



23

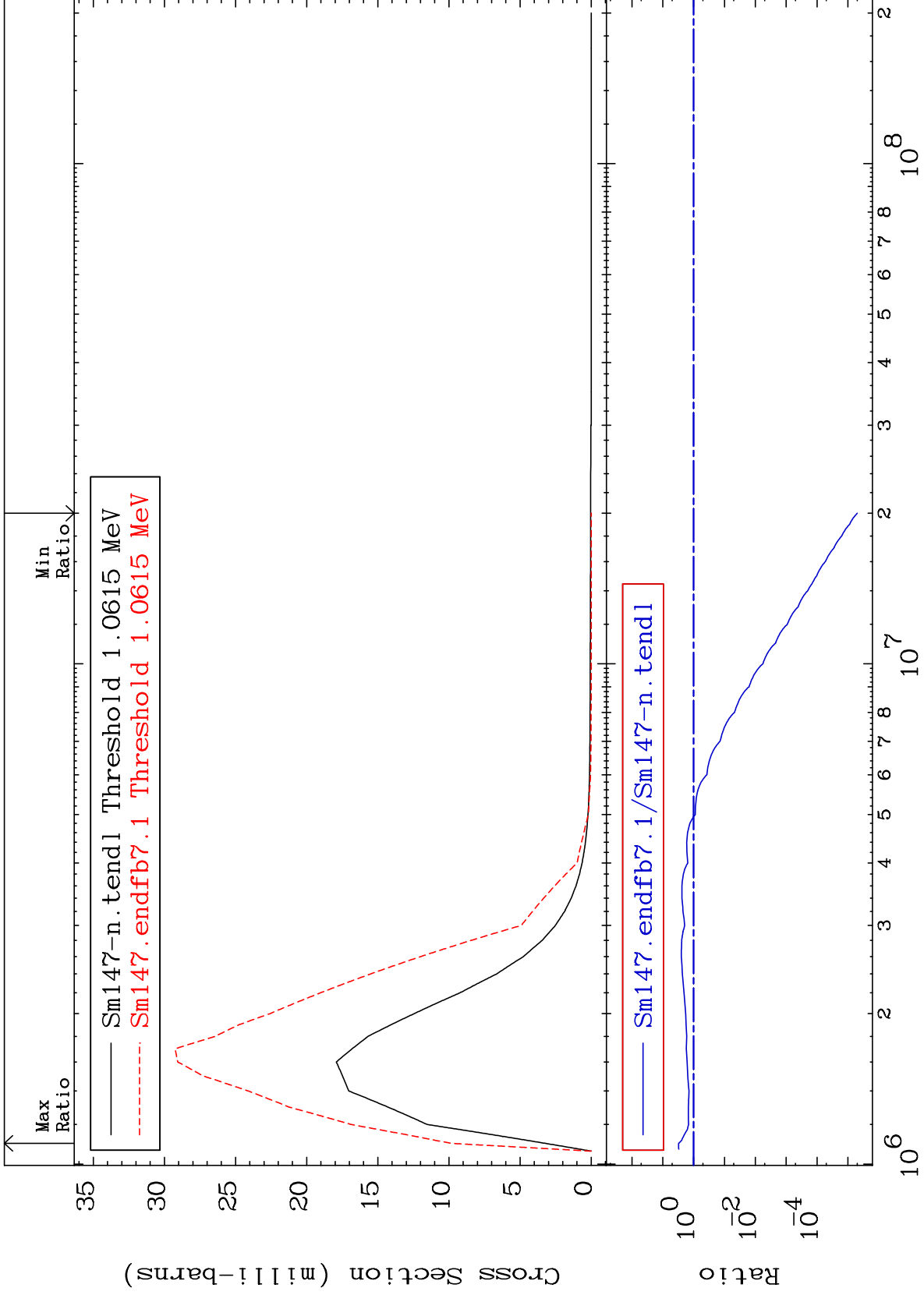
Incident Energy (eV)

62-Sm-147

MAT 6234

1.054 MeV (n,n') Level
Cross Section

62-Sm-147
-100.0 To 206.4 %



24

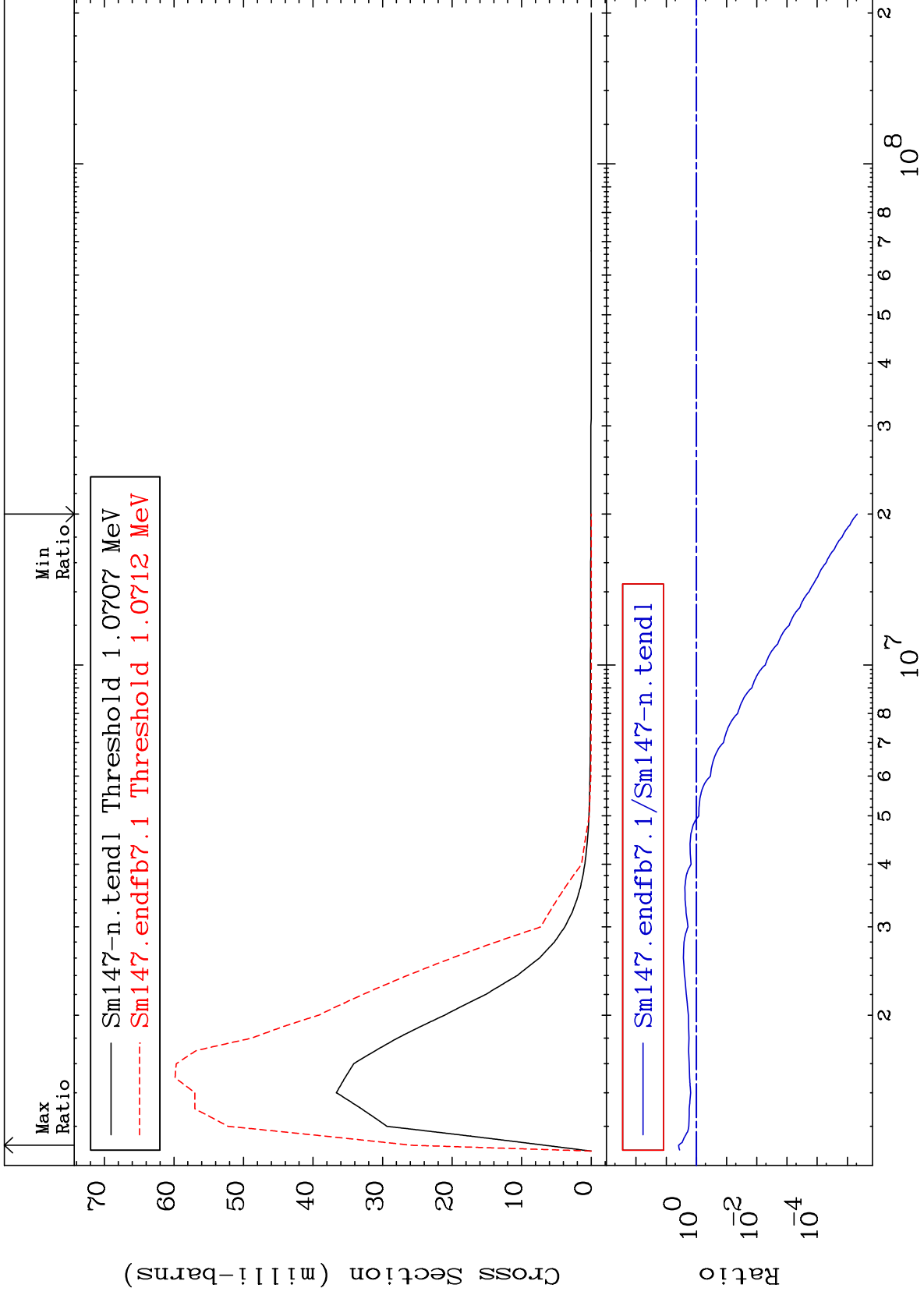
Incident Energy (eV)

62-Sm-147

MAT 6234

1.063 MeV (n,n') Level
Cross Section

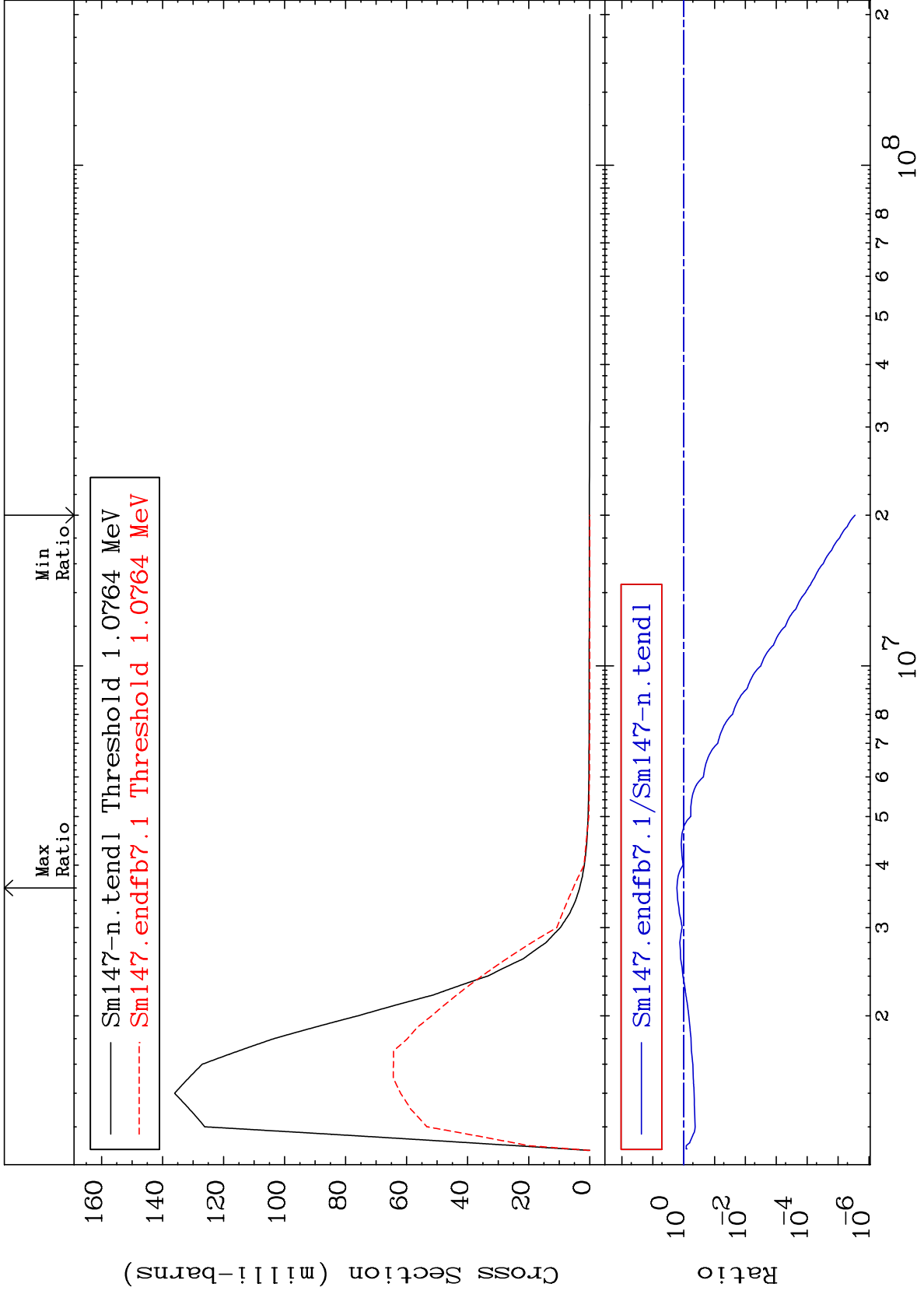
62-Sm-147
-100.0 To 288.2 %



MAT 6234

1.069 MeV (n,n') Level
Cross Section

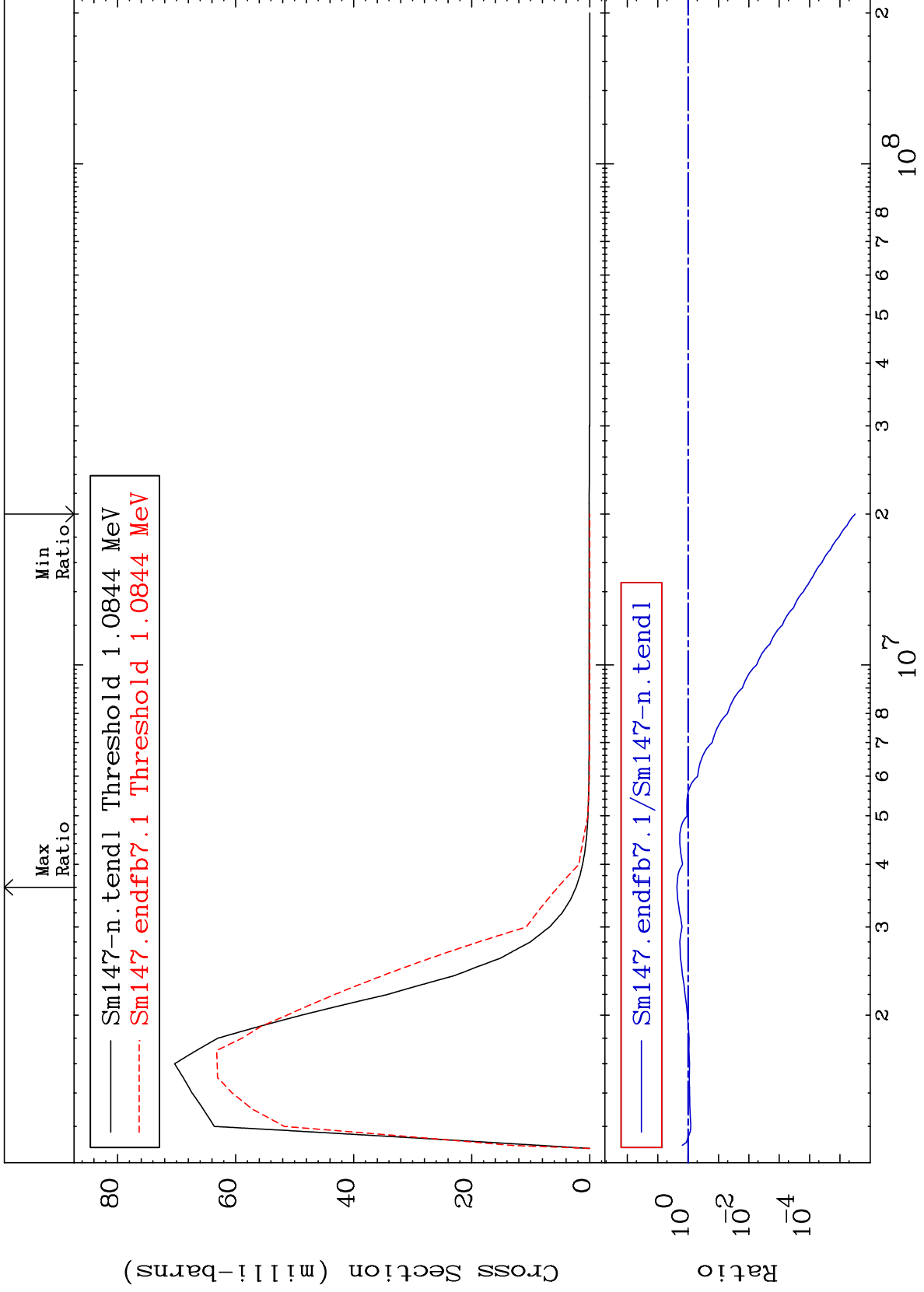
62-Sm-147
-100.0 To 64.90 %



MAT 6234

1.077 MeV (n,n') Level
Cross Section

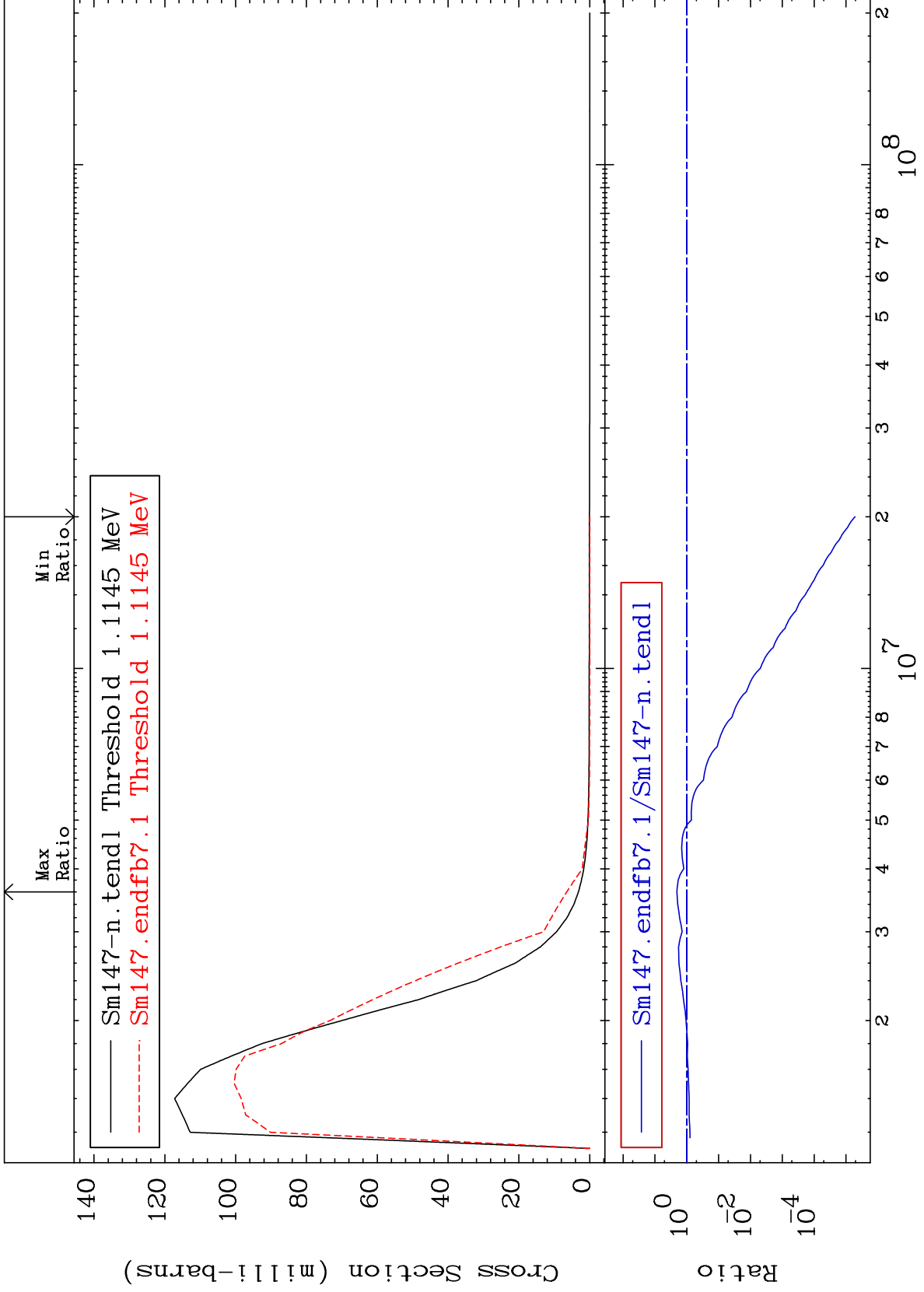
62-Sm-147
-100.0 To 133.8 %



MAT 6234

1.107 MeV (n,n') Level
Cross Section

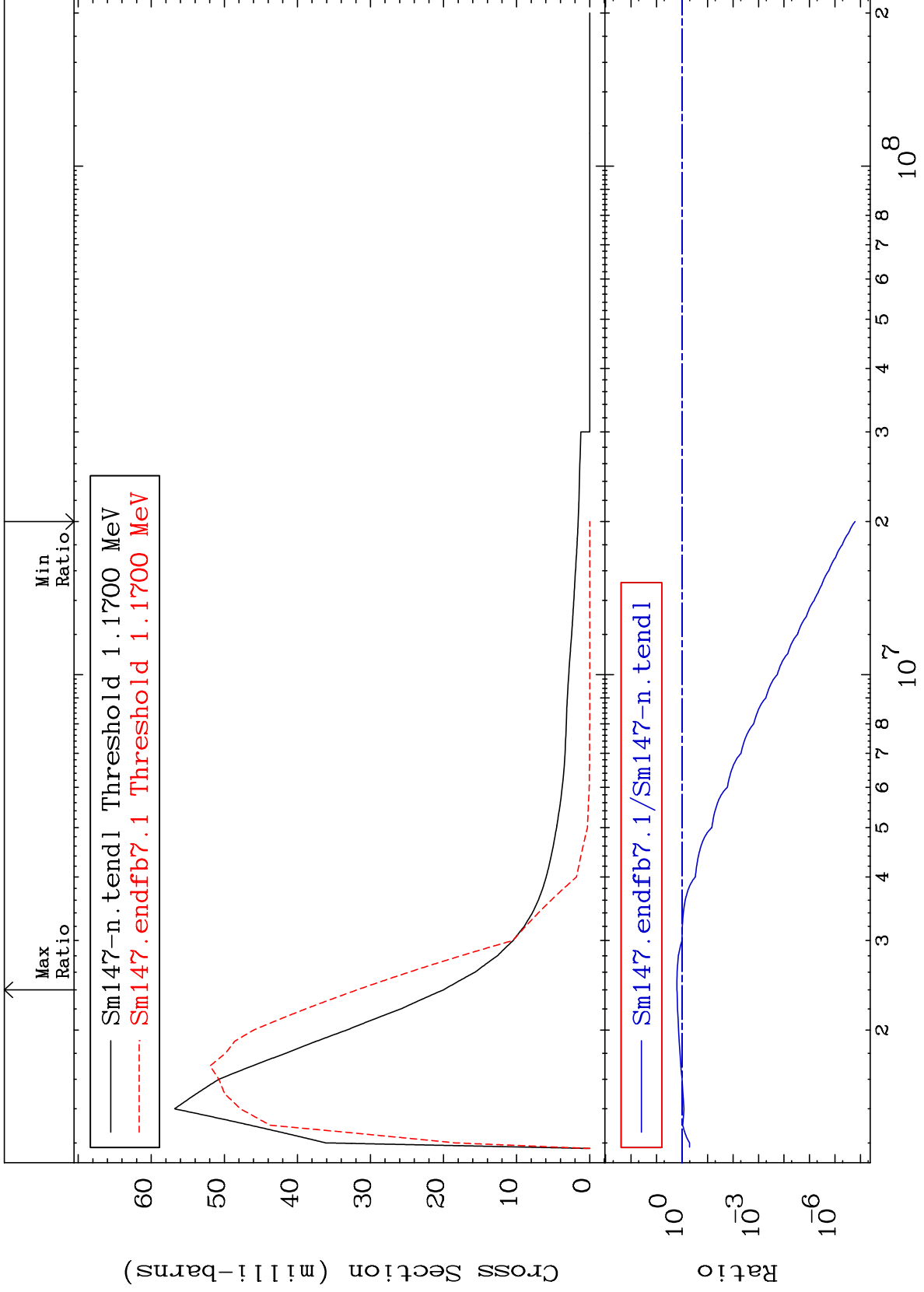
62-Sm-147
-100.0 To 103.7 %



MAT 6234

1.162 MeV (n,n') Level
Cross Section

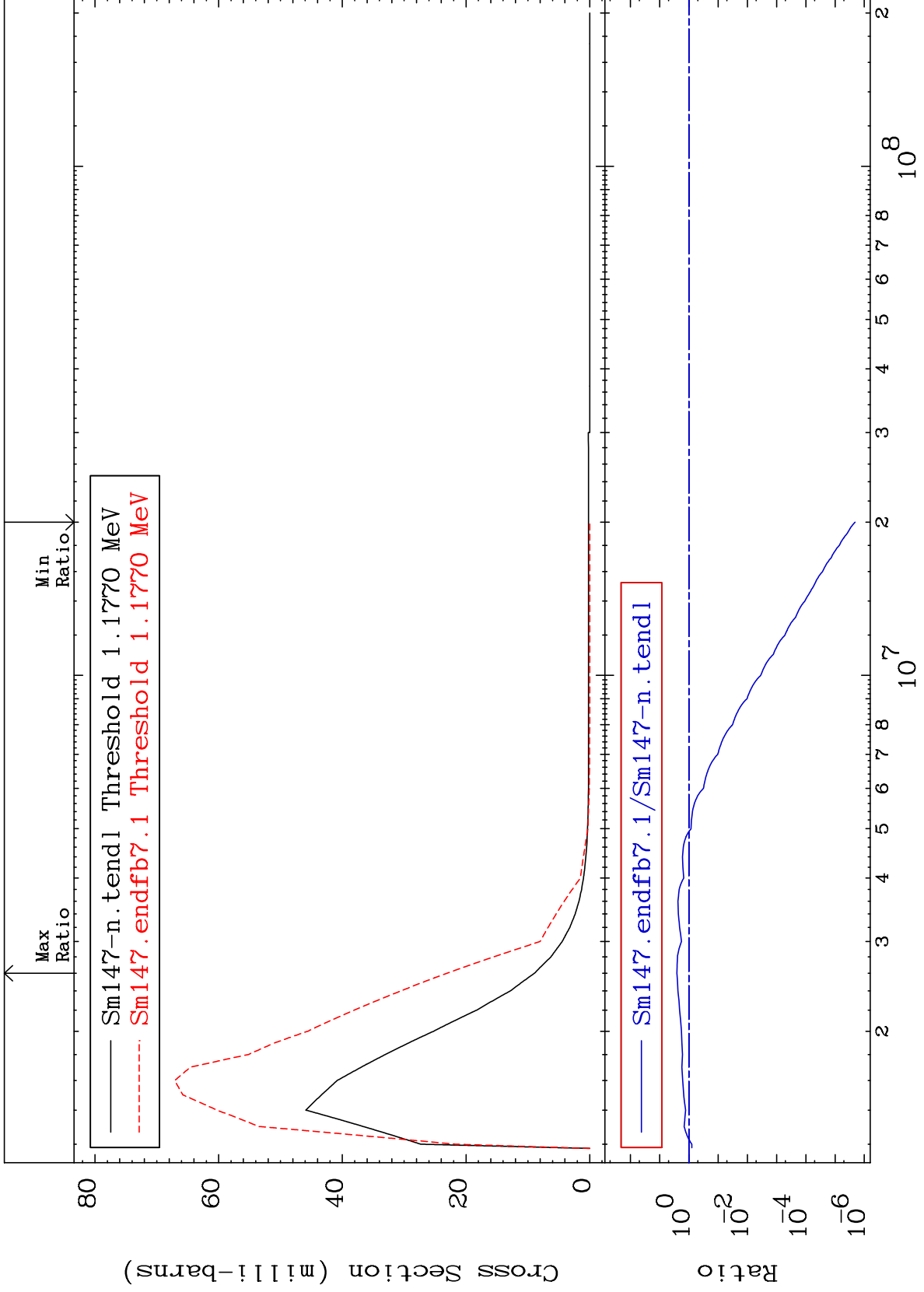
62-Sm-147
-100.0 To 59.04 %



MAT 6234

1.169 MeV (n,n') Level
Cross Section

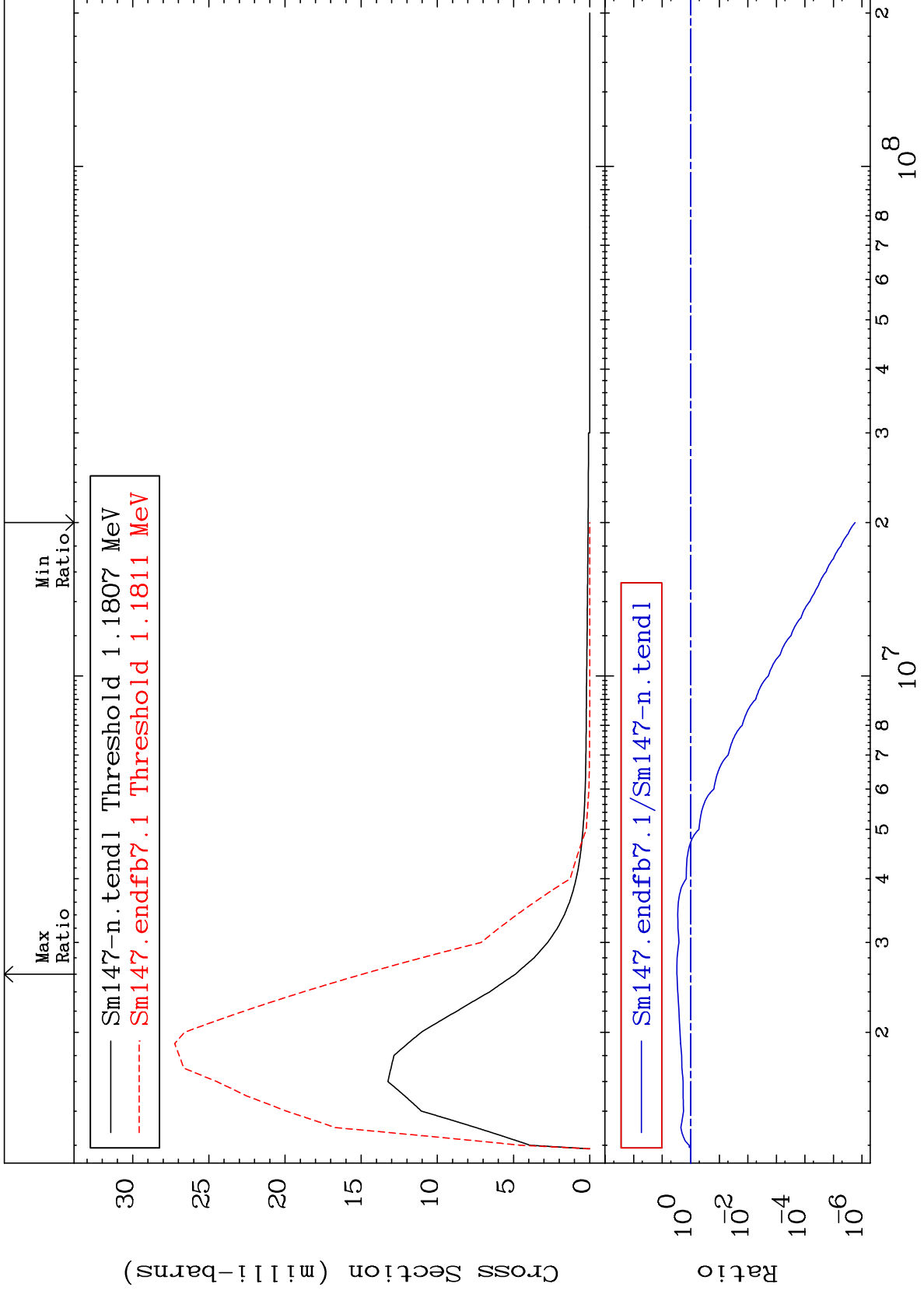
62-Sm-147
-100.0 To 158.1 %



MAT 6234

1.173 MeV (n,n') Level
Cross Section

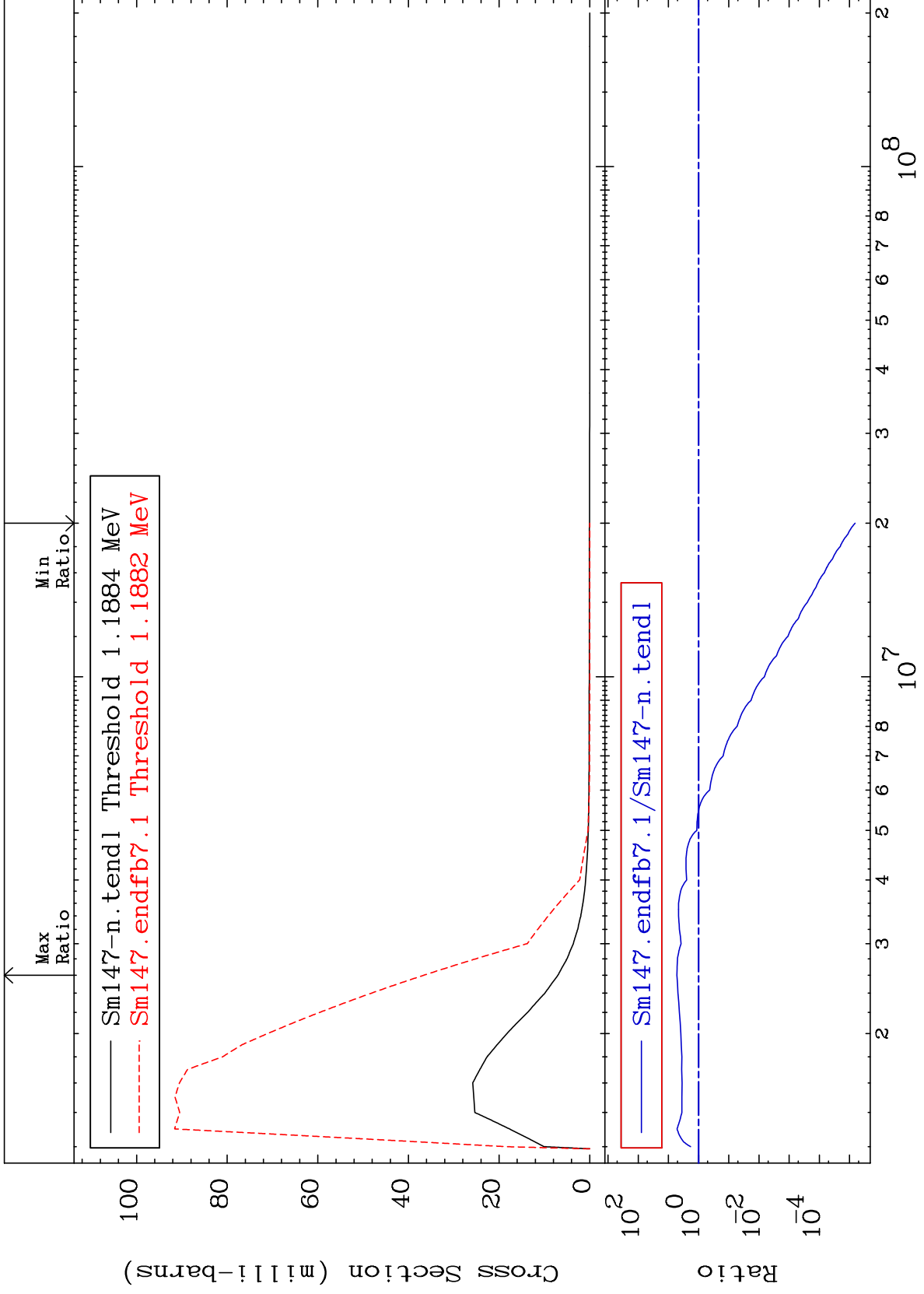
62-Sm-147
-100.0 To 205.8 %



MAT 6234

1.180 MeV (n,n') Level
Cross Section

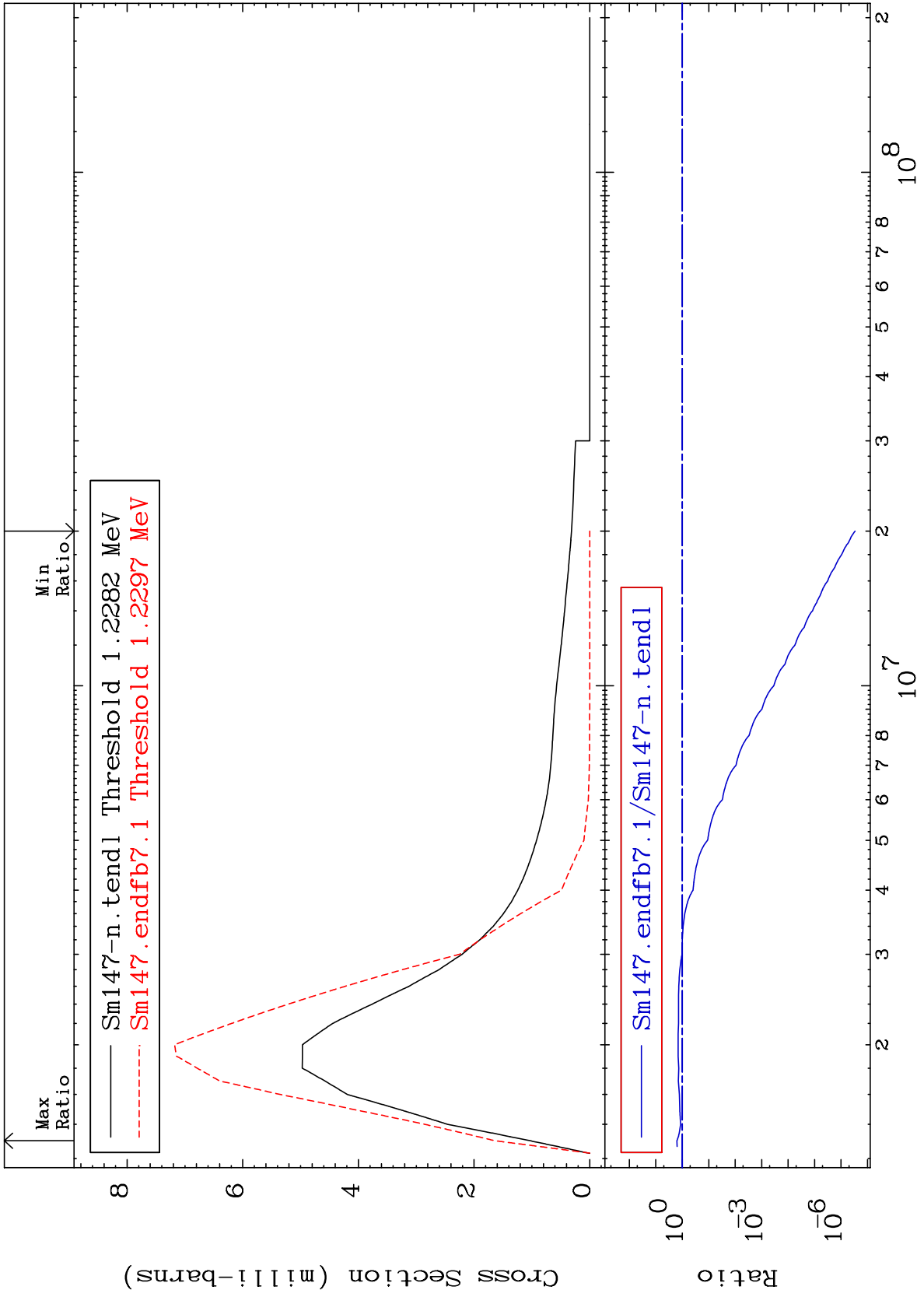
62-Sm-147
-100.0 To 422.1 %



MAT 6234

1.220 MeV (n,n') Level
Cross Section

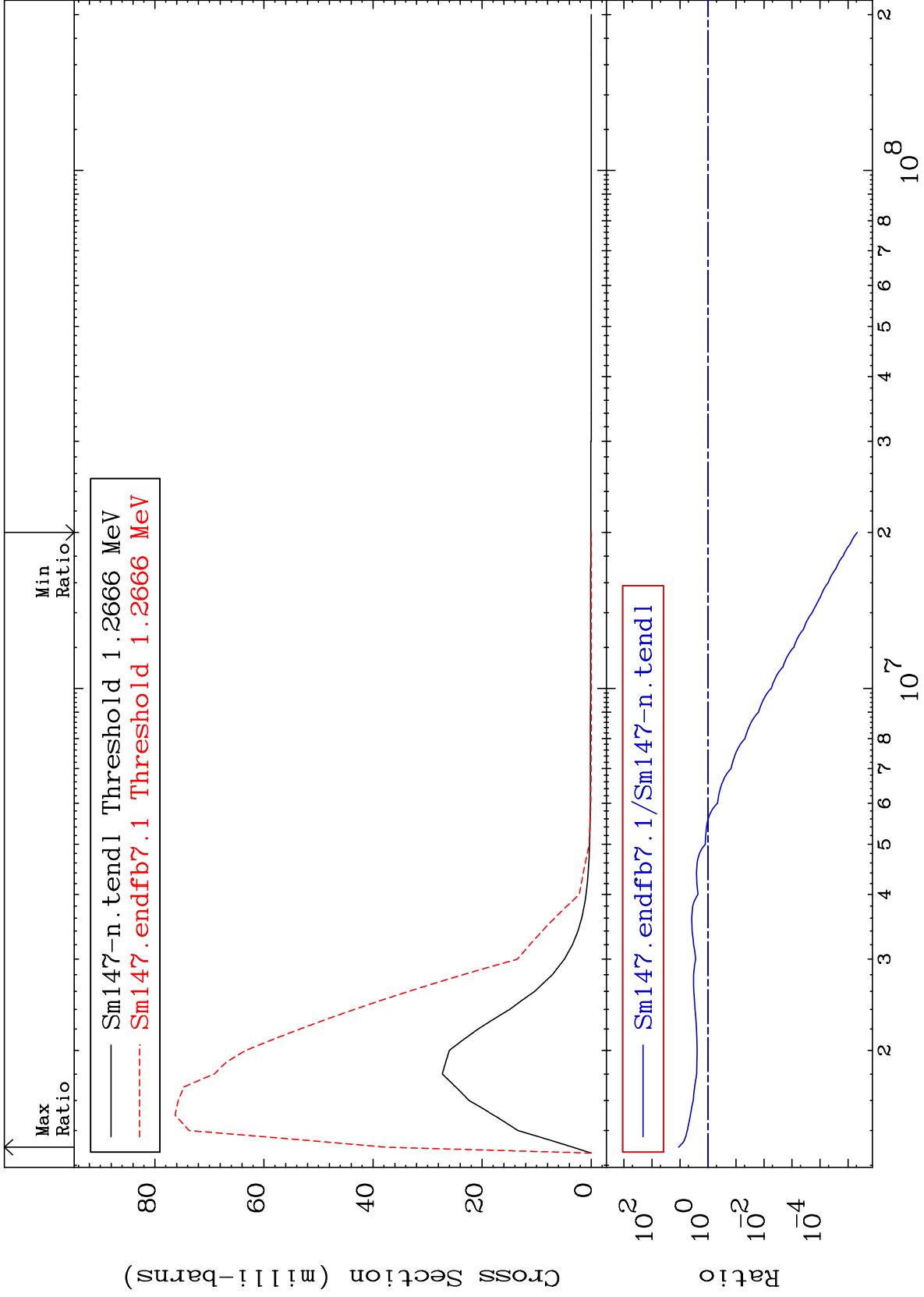
62-Sm-147
-100.0 To 59.09 %



MAT 6234

1.258 MeV (n,n') Level
Cross Section

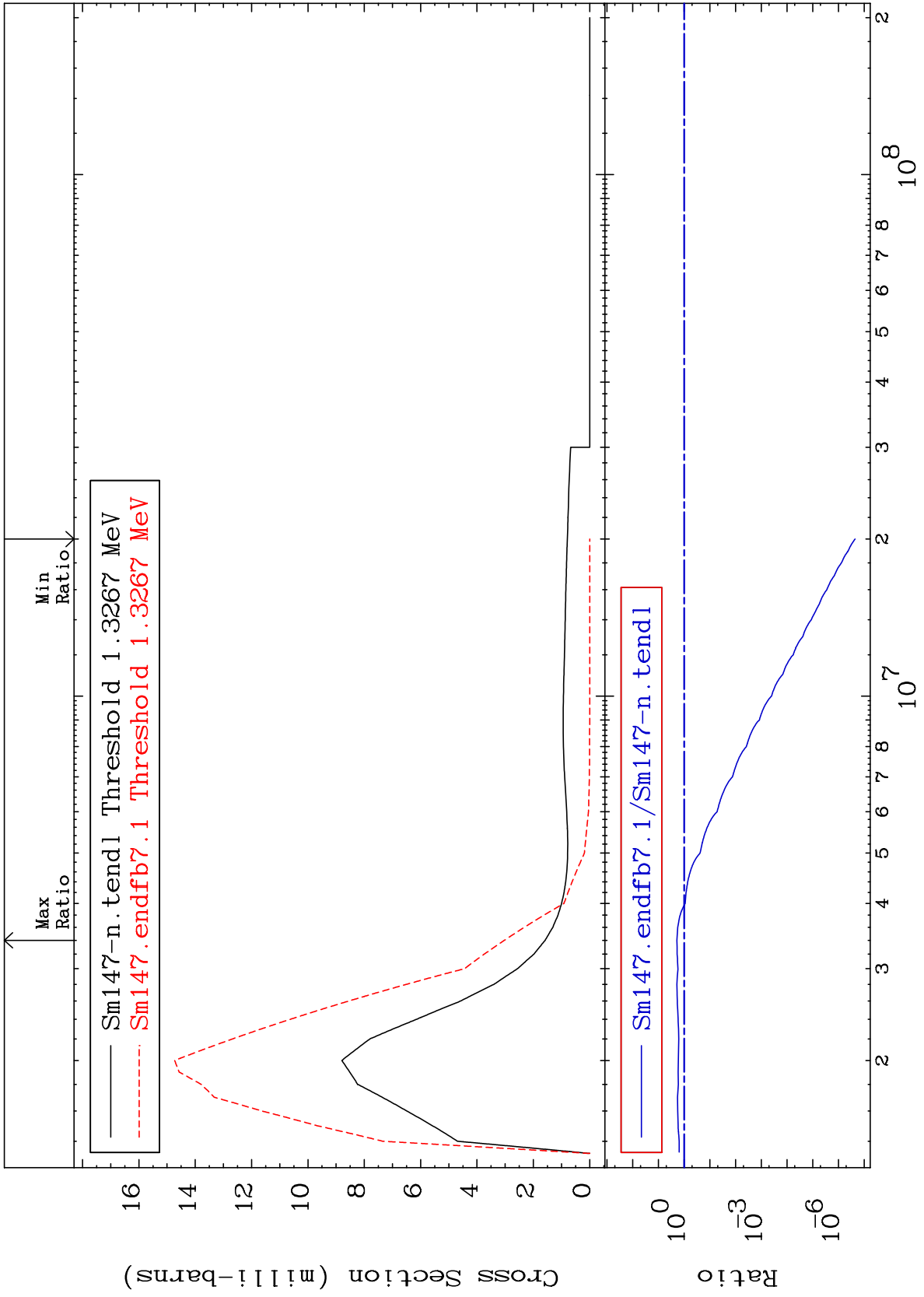
62-Sm-147
-100.0 To 1018. %



MAT 6234

1.318 MeV (n,n') Level
Cross Section

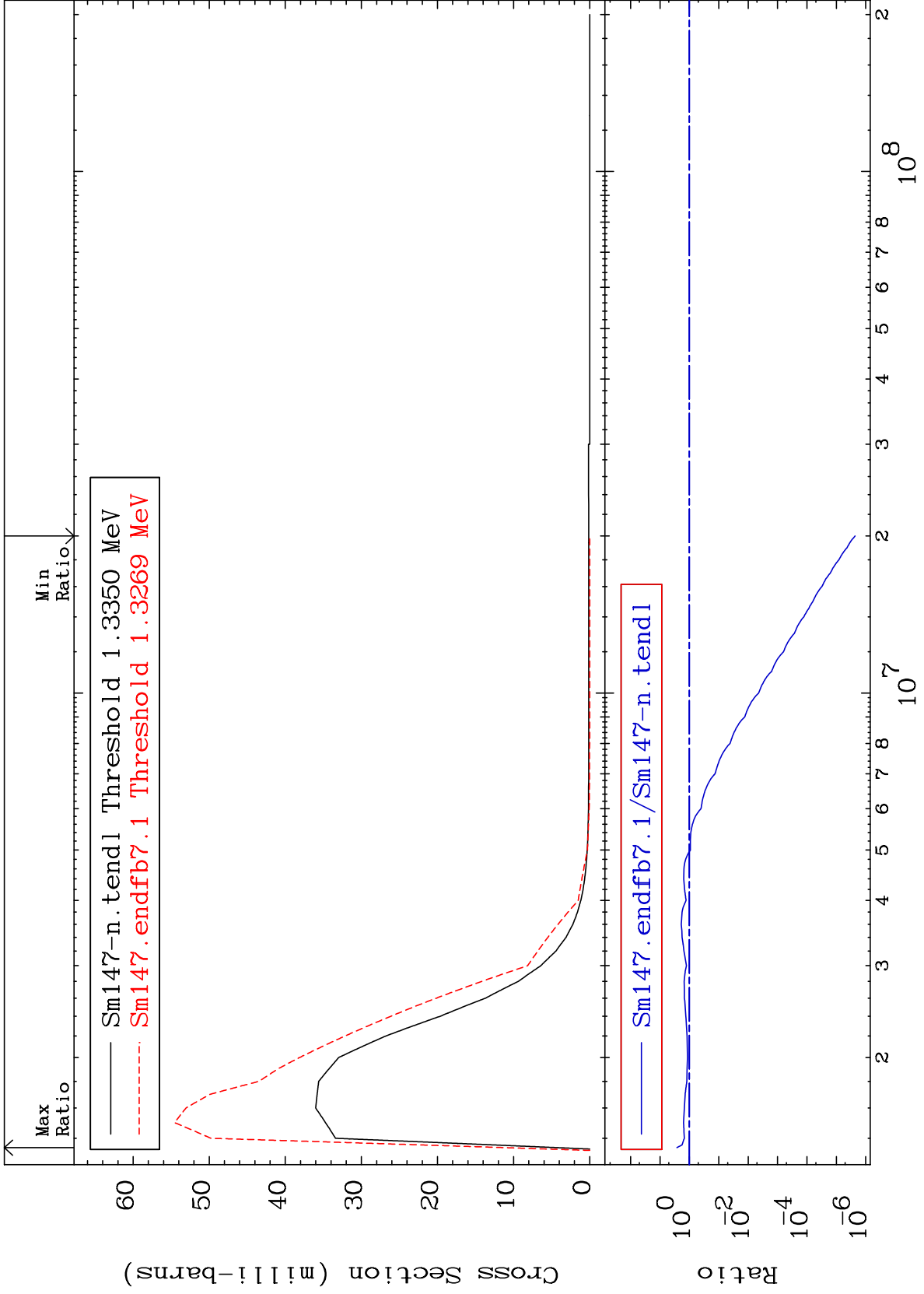
62-Sm-147
-100.0 To 91.60 %



MAT 6234

1.326 MeV (n,n') Level
Cross Section

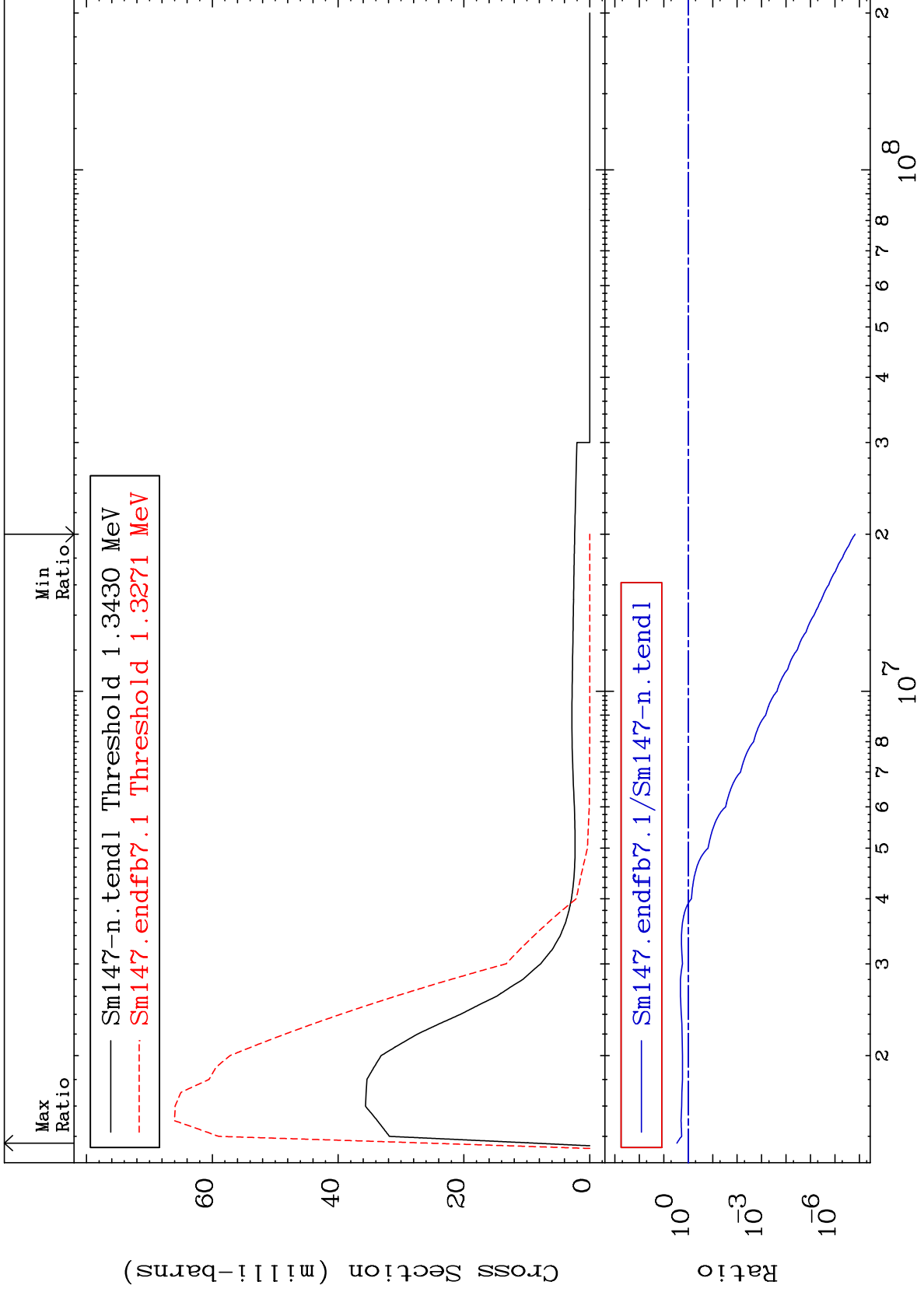
62-Sm-147
-100.0 To 165.2 %



MAT 6234

1.334 MeV (n,n') Level
Cross Section

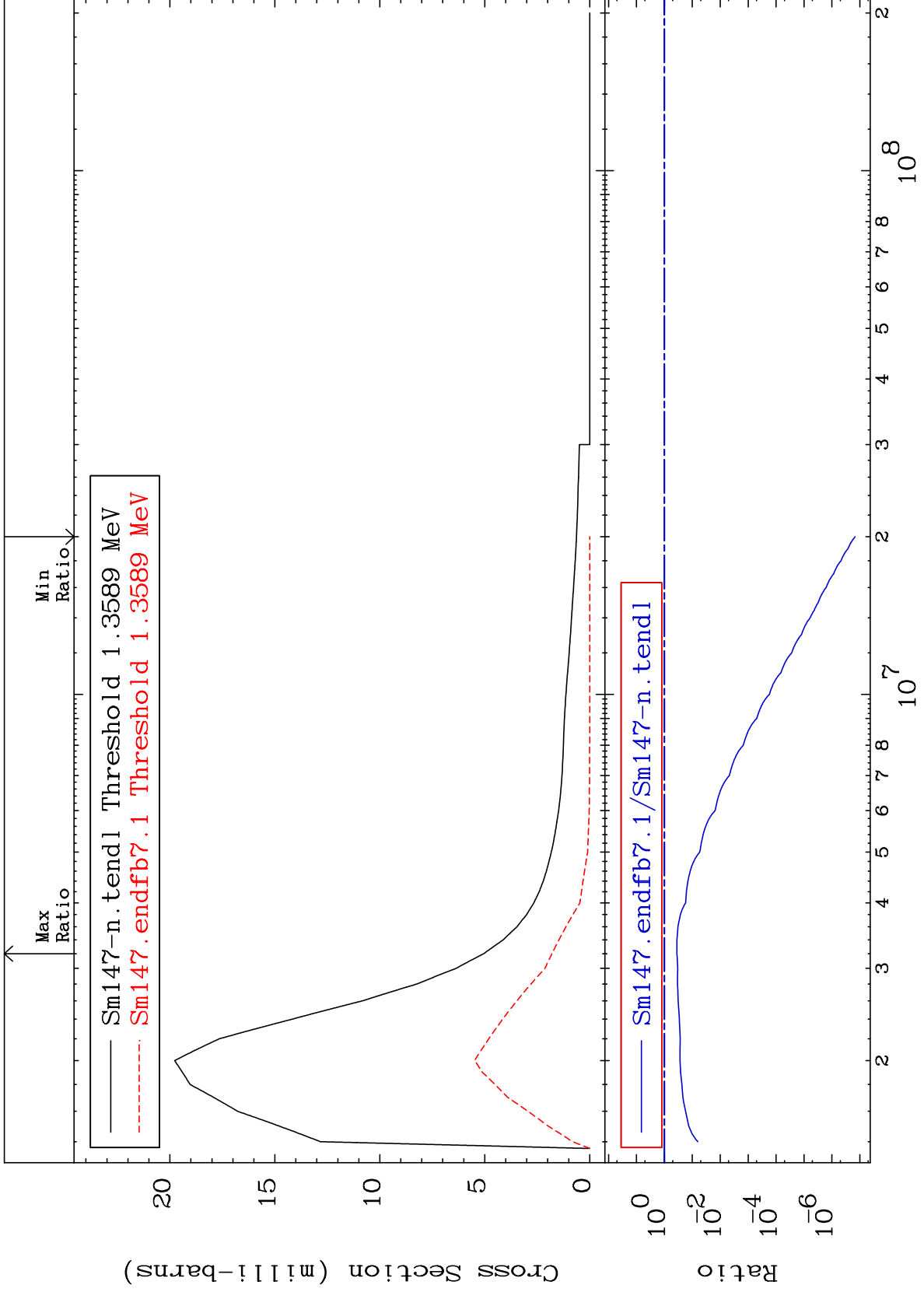
62-Sm-147
-100.0 To 189.7 %

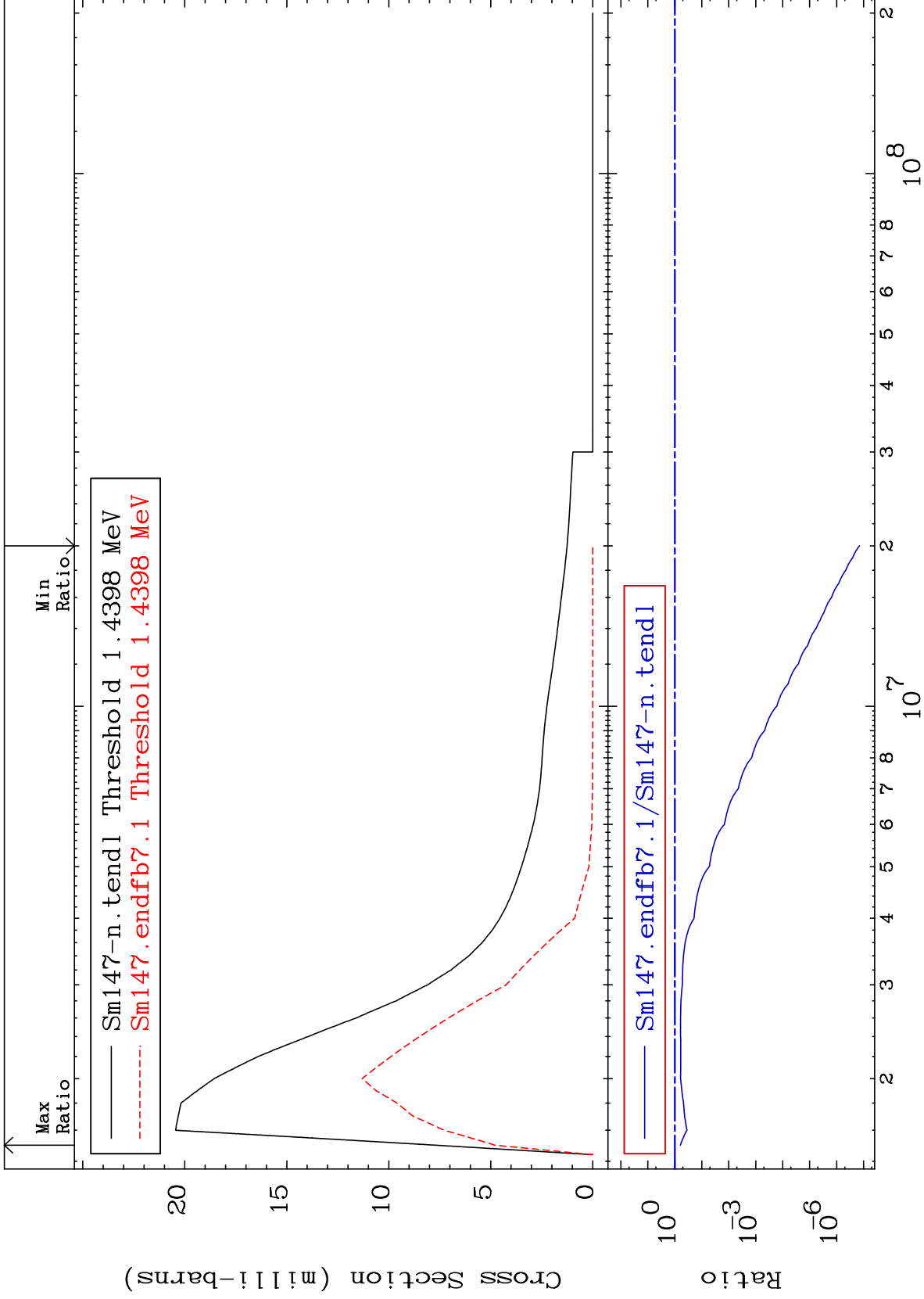


MAT 6234

1.350 MeV (n,n') Level
Cross Section

62-Sm-147
-100.0 To -64.38%

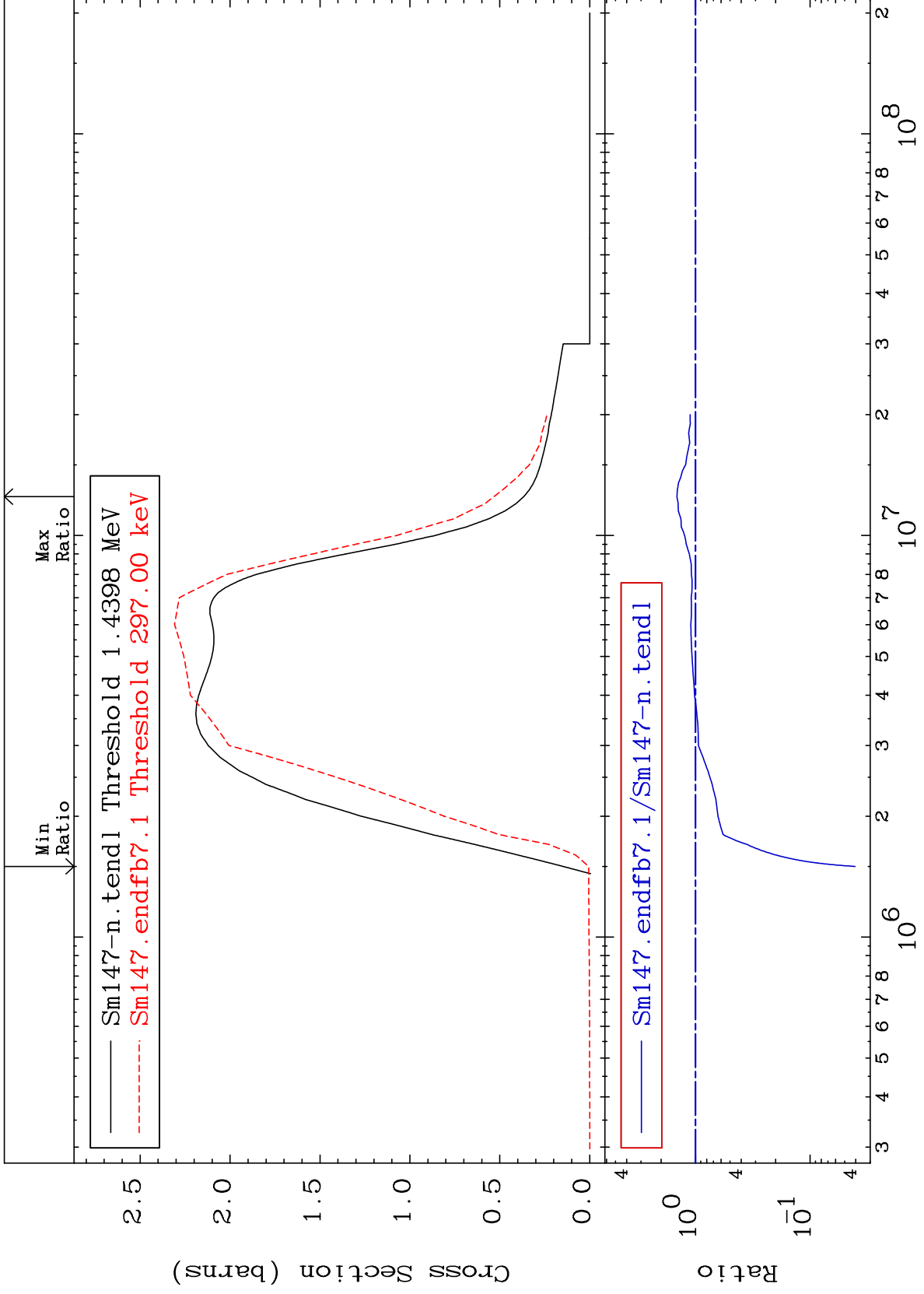




MAT 6234

(n, n') Continuum
Cross Section

62-Sm-147
-95.95 To 45.53 %



40

Incident Energy (eV)

62-Sm-147

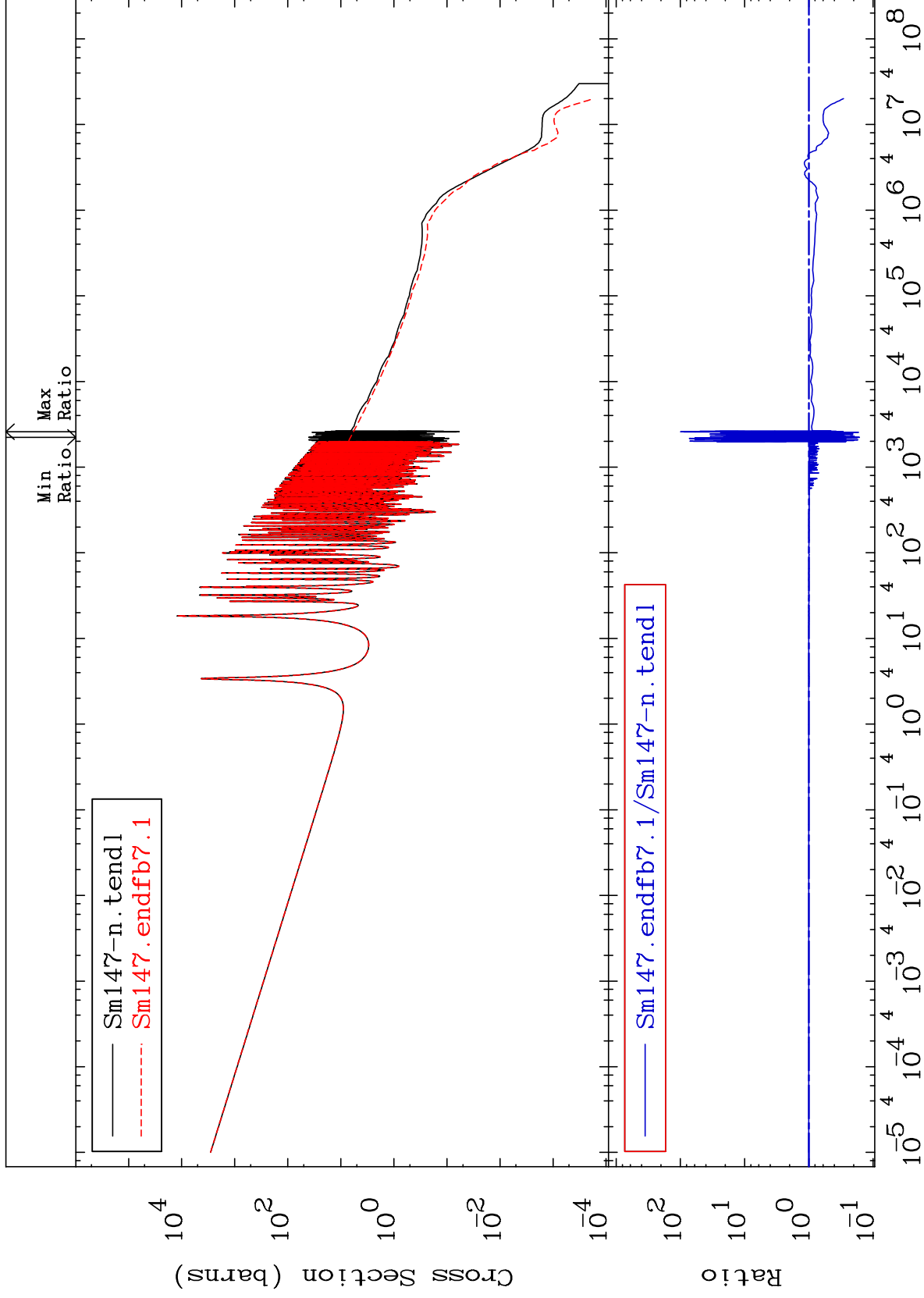
MAT 6234

(n, γ)

62-Sm-147

Cross Section

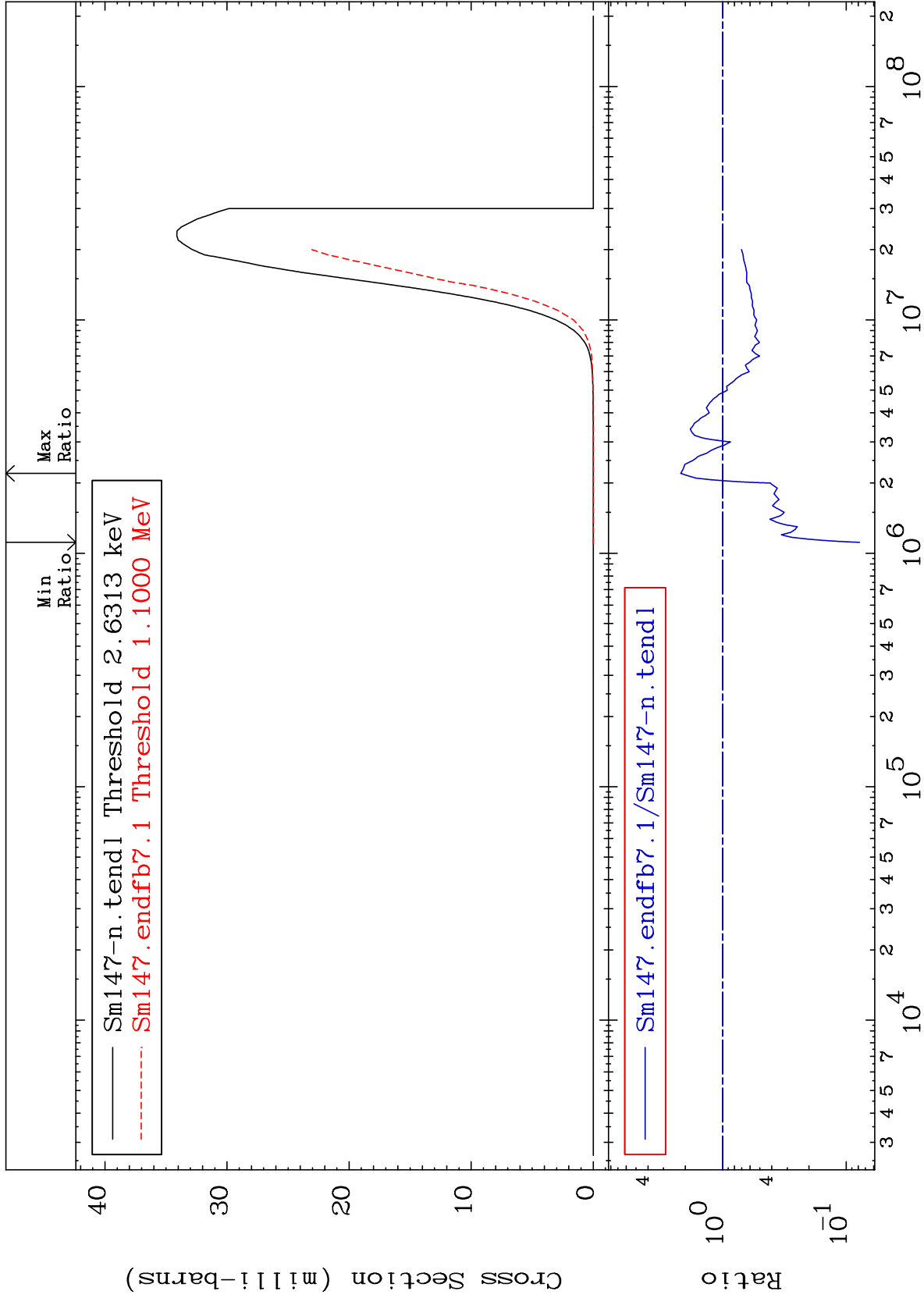
-83.75 To 9758. %



MAT 6234

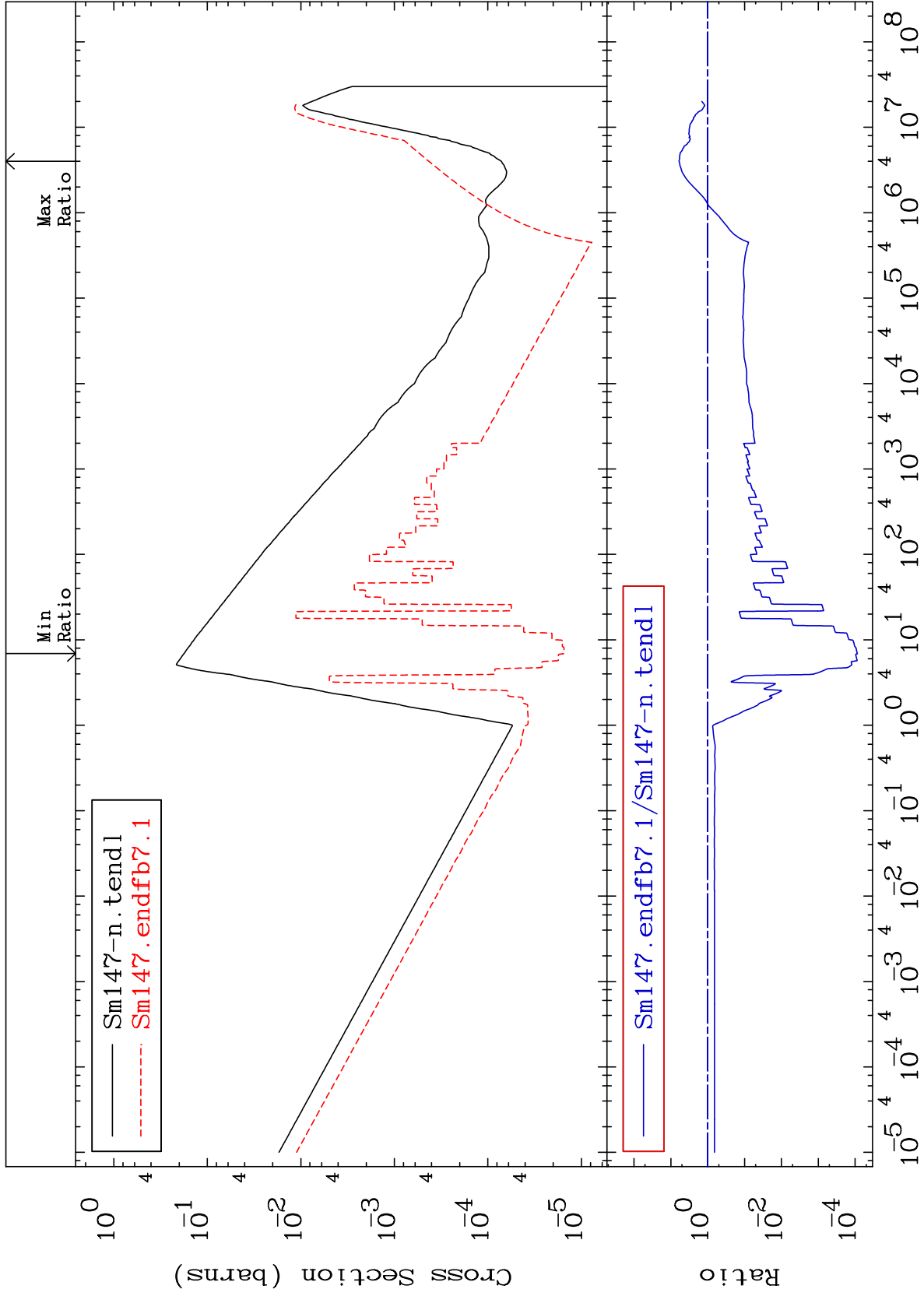
62-Sm-147

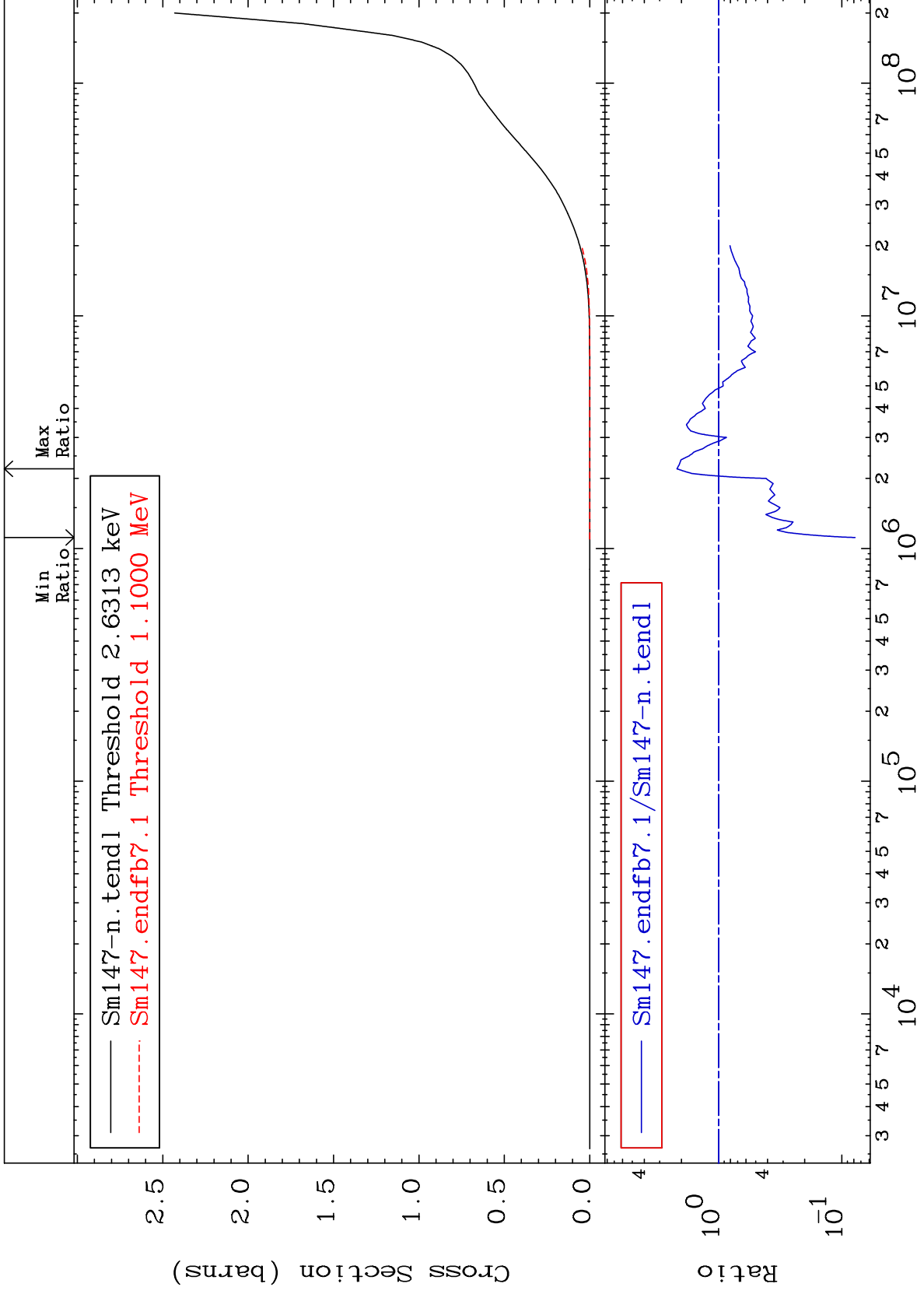
(n,p)
Cross Section
-92.19 To 117.2 %



MAT 6234

(n, α)
Cross Section
62-Sm-147
-99.99 To 497.7 %

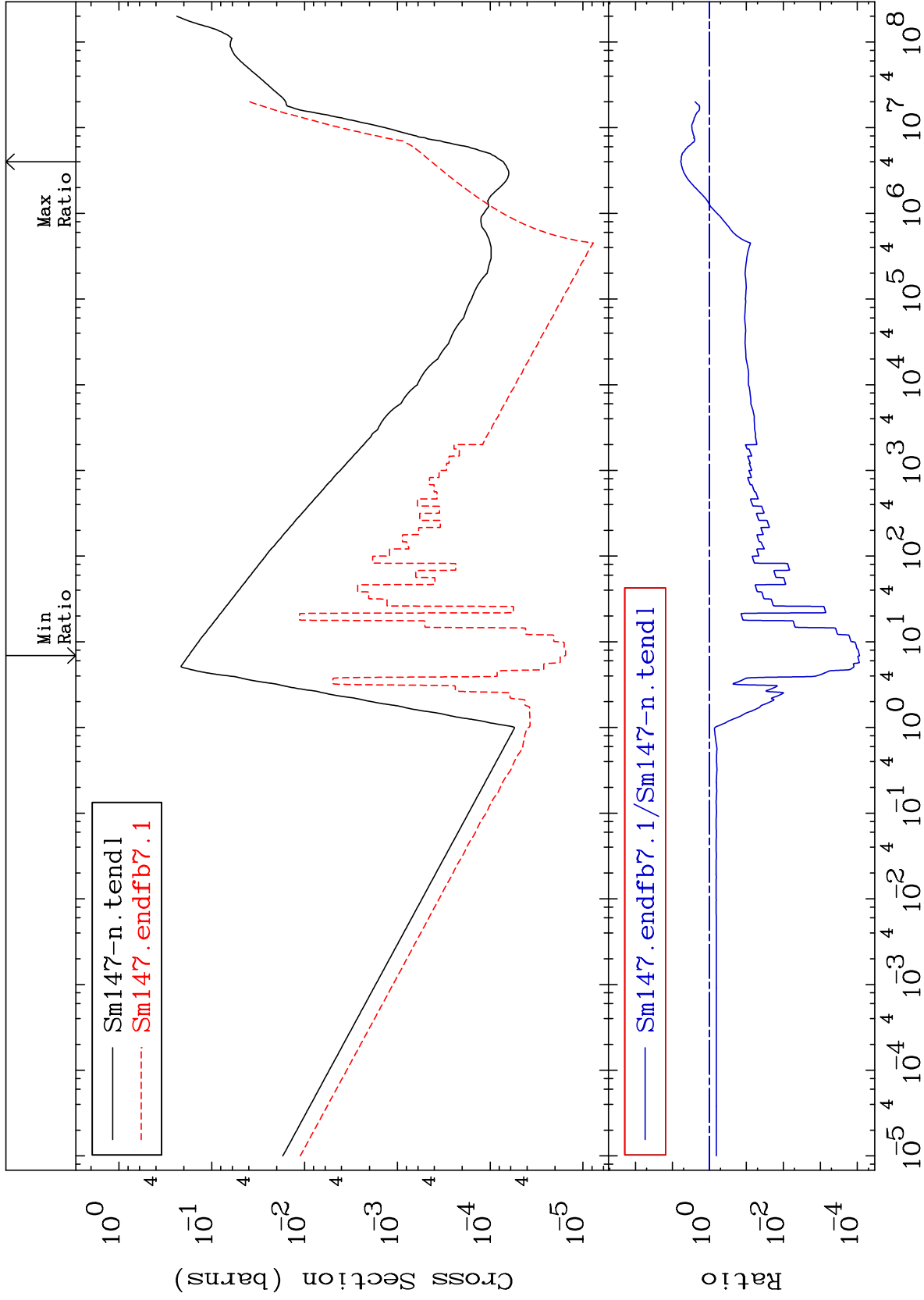




MAT 6234

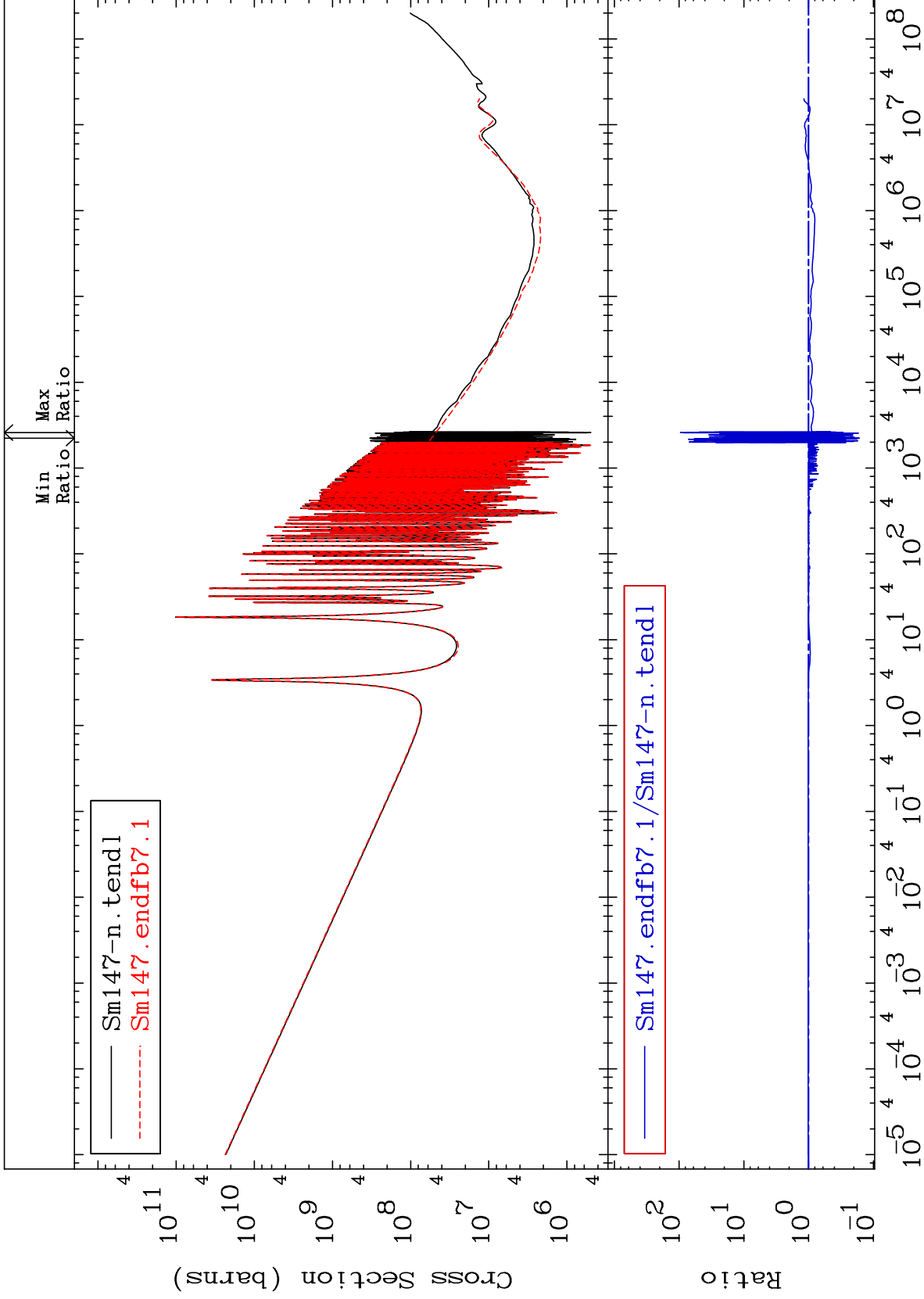
He-4 Production
Cross Section

62-Sm-147
-99.99 To 495.5 %



Cross Section

-83.58 To 9461. %

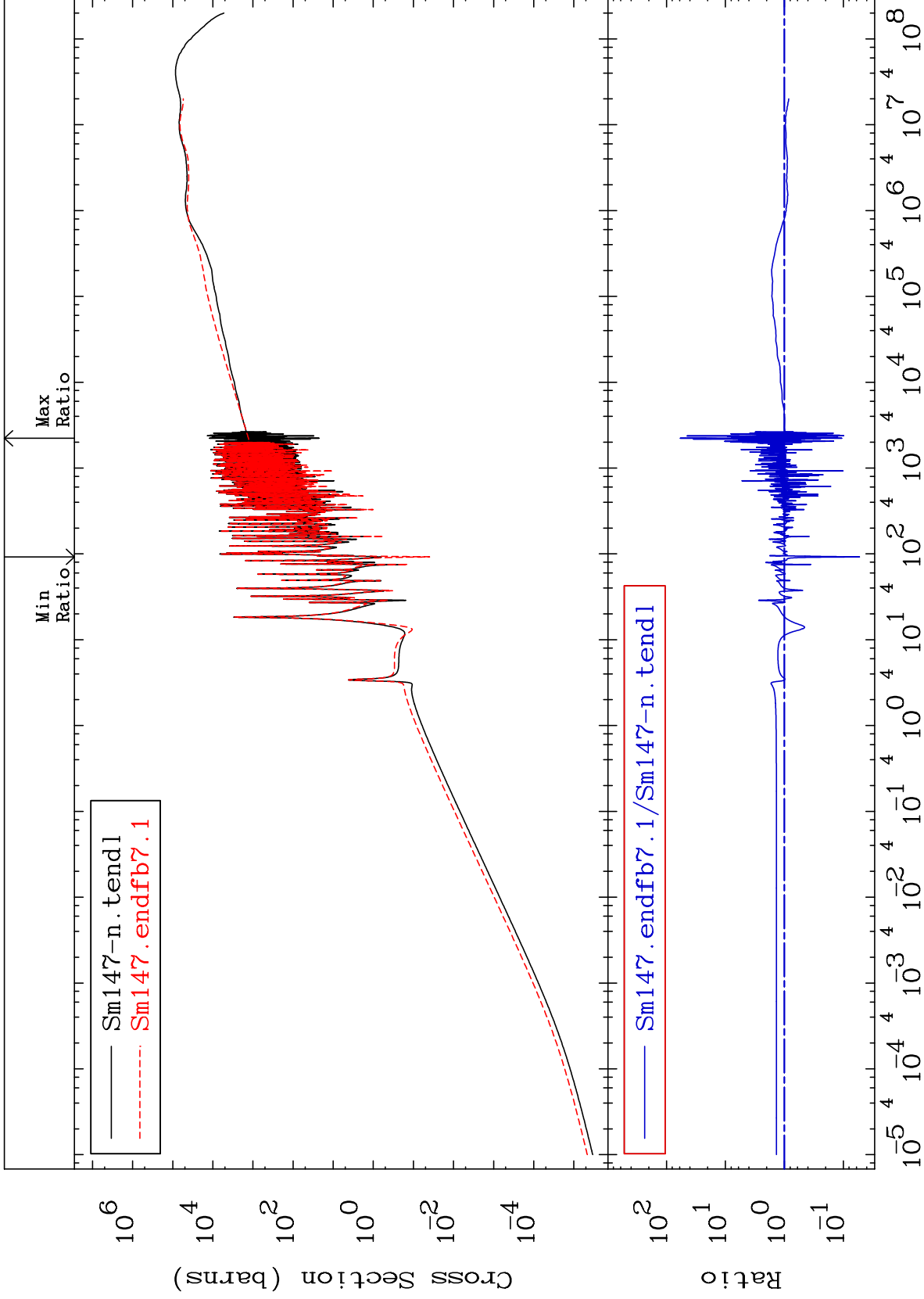


Incident Energy (eV)

MAT 6234

Kerma elastic
Cross Section

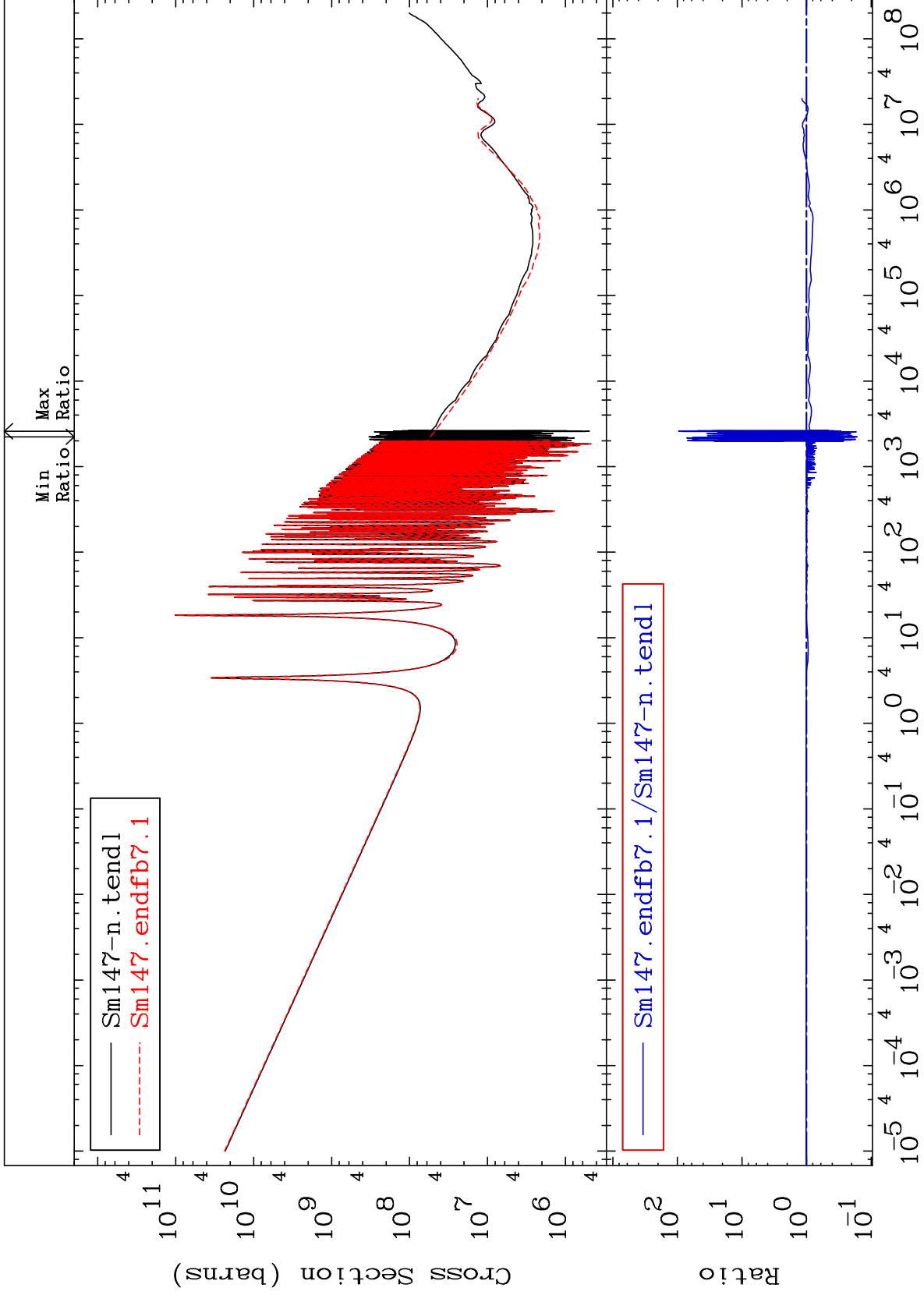
62-Sm-147
-94.67 To 5721. %

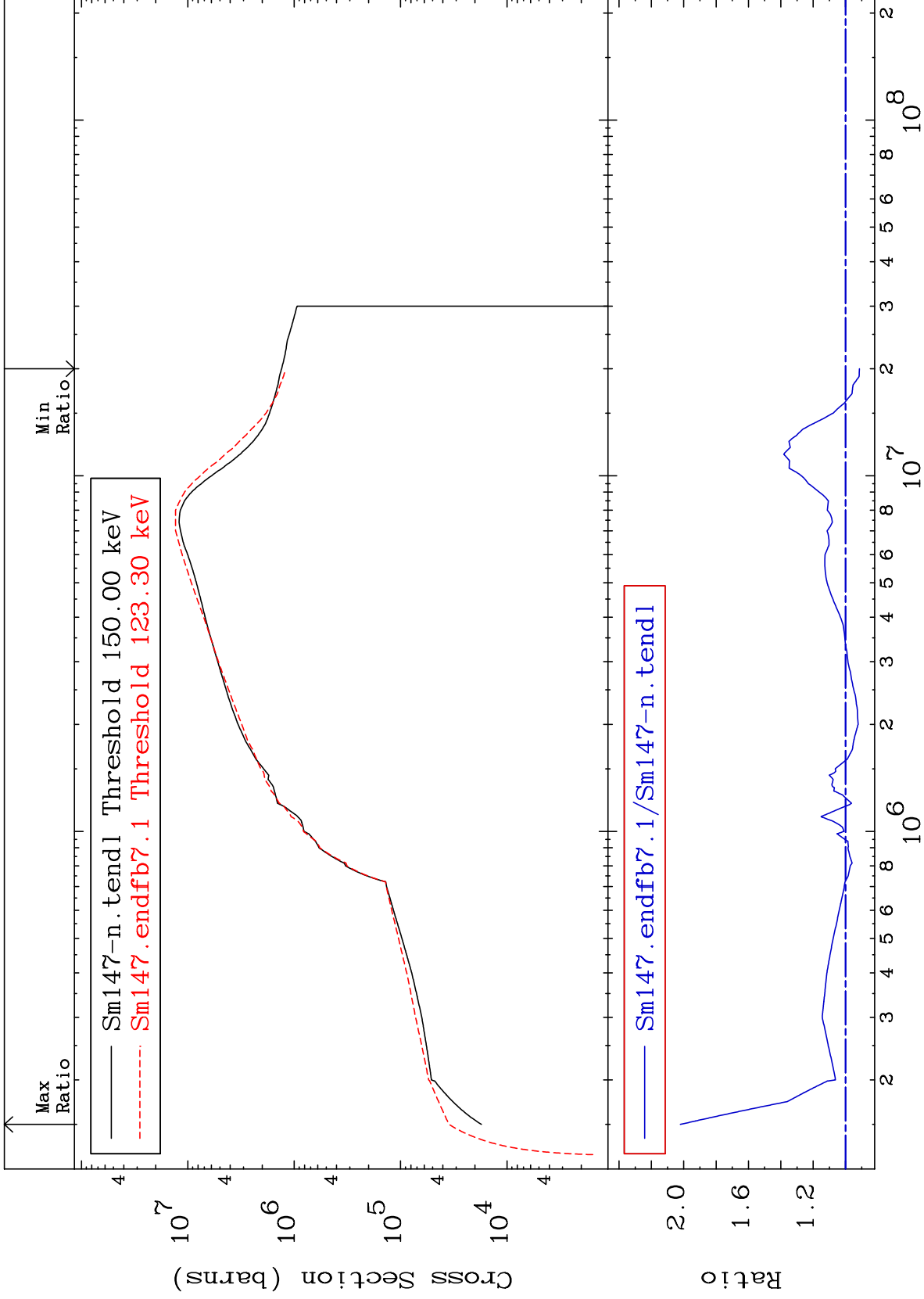


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Incident Energy (eV)

62-Sm-147

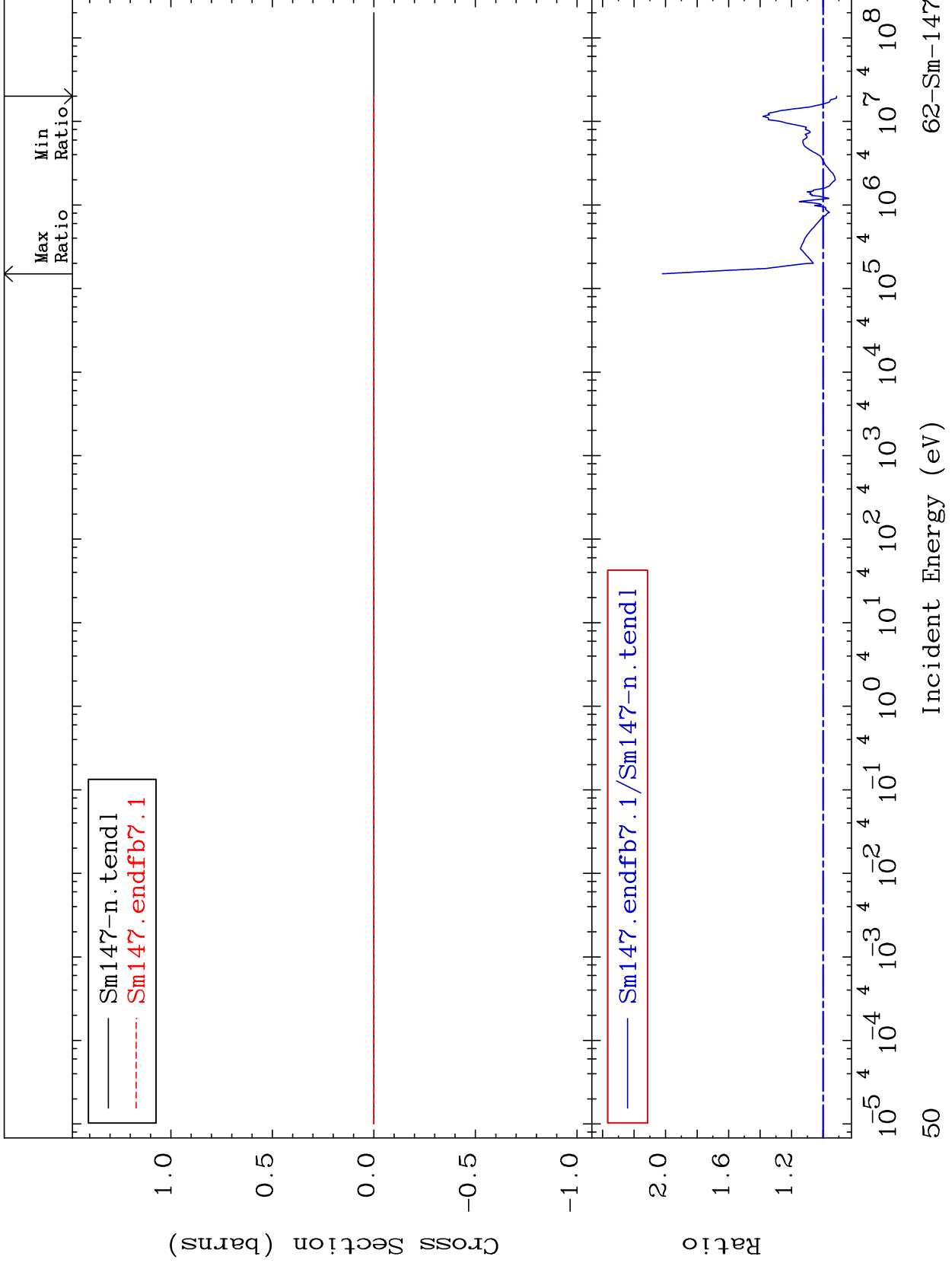




MAT 6234

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

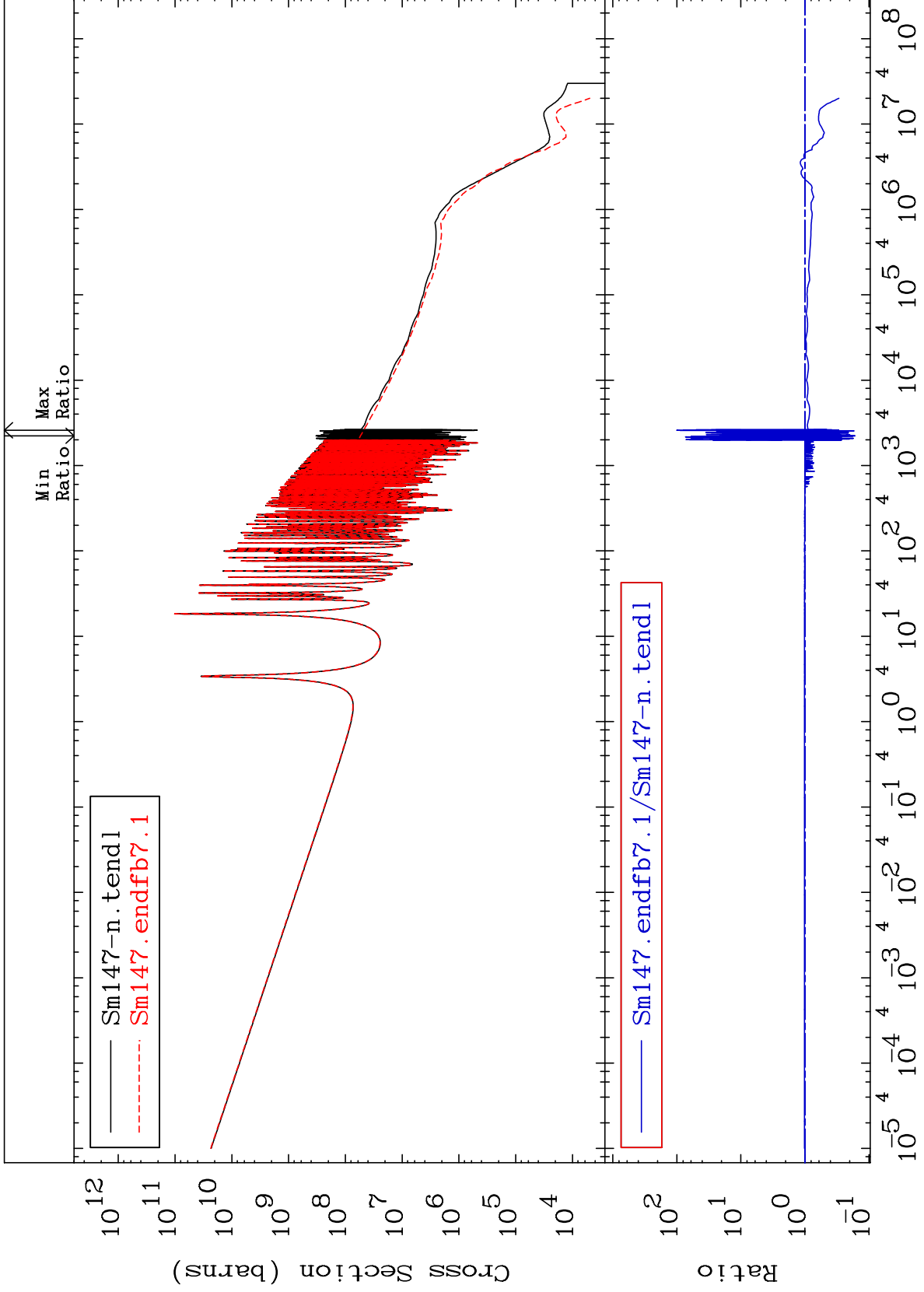
62-Sm-147
-8.575 To 102.1 %



MAT 6234

Kerma capture (mt102)
Cross Section

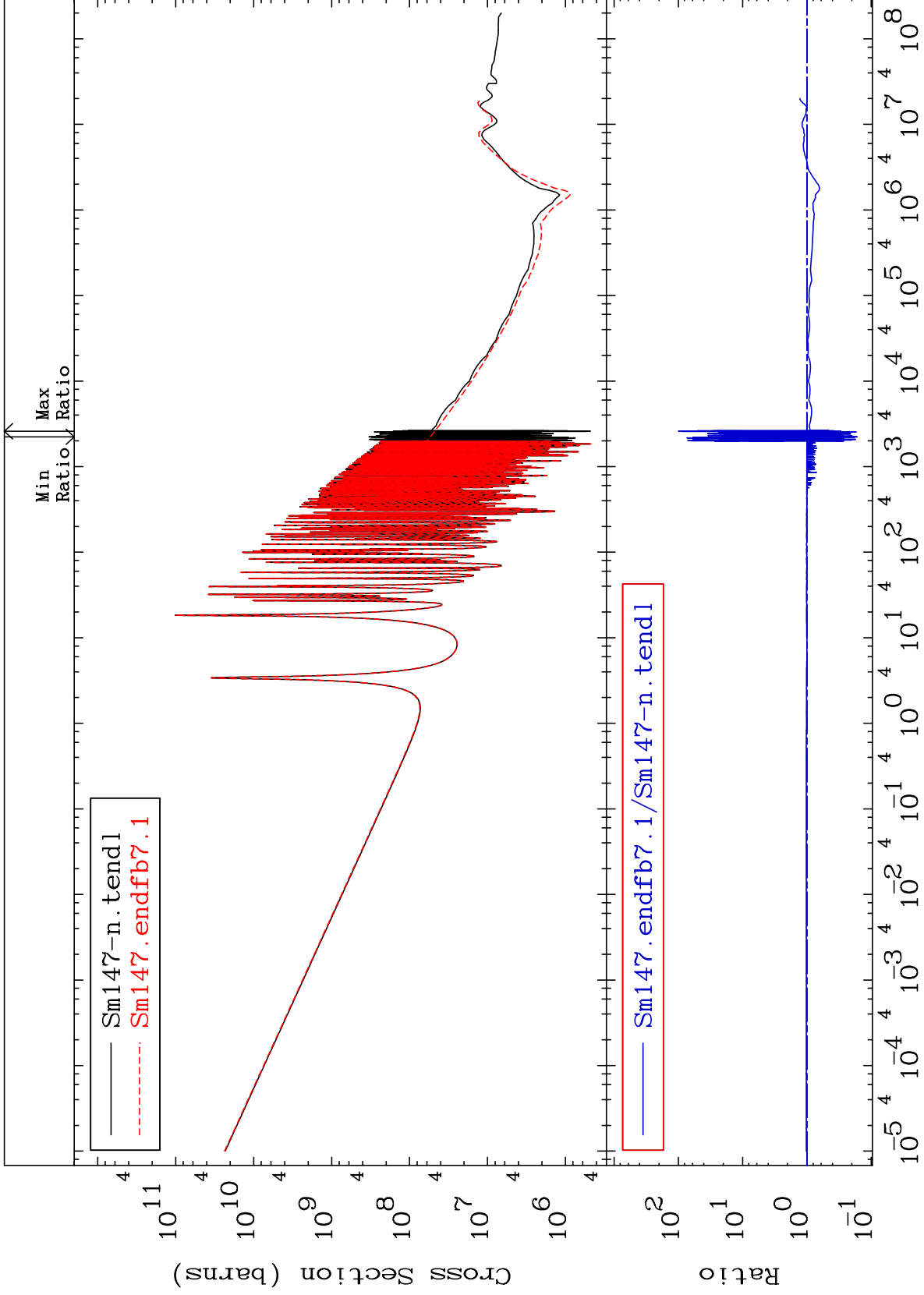
62-Sm-147
-83.58 To 9861. %

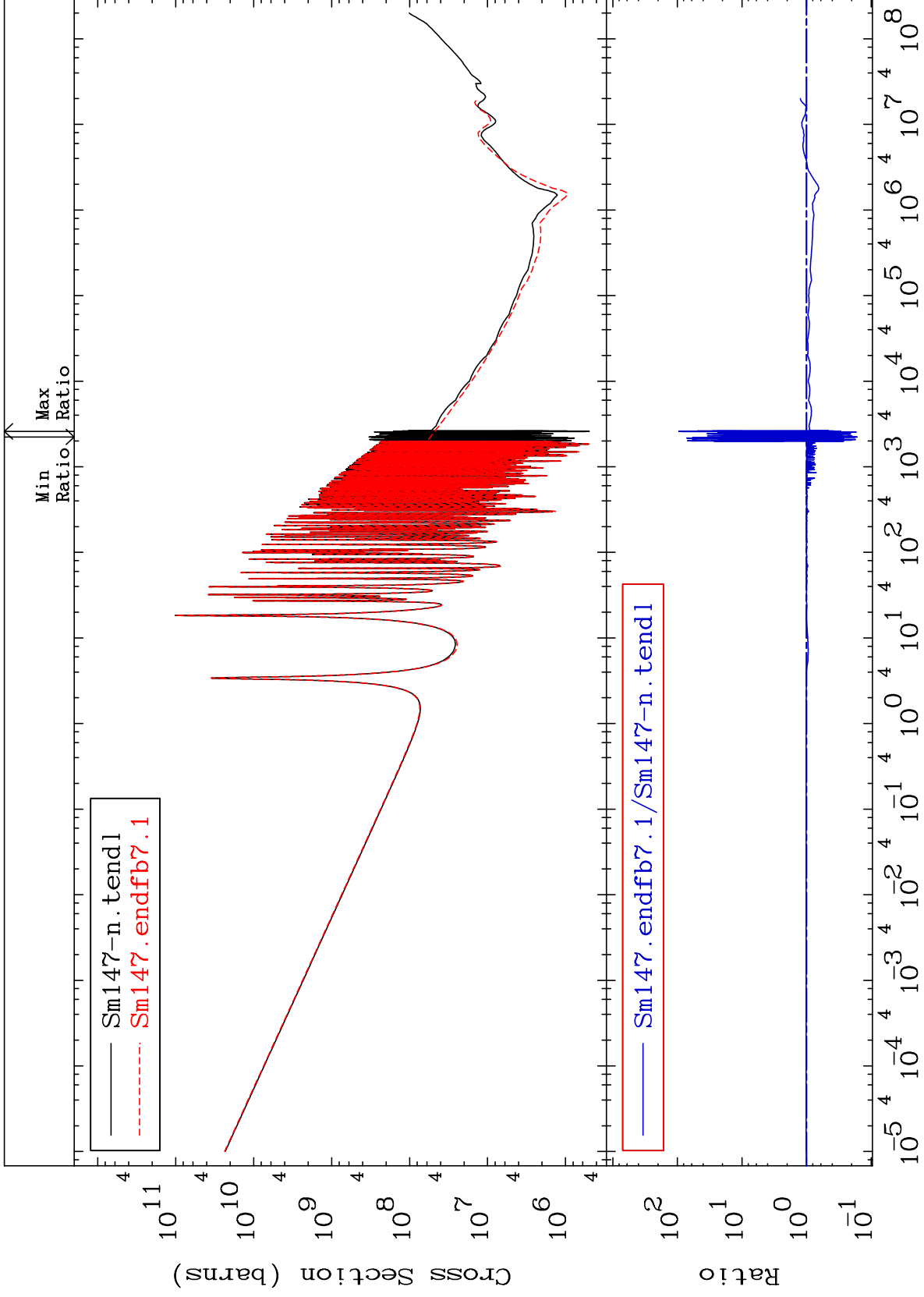


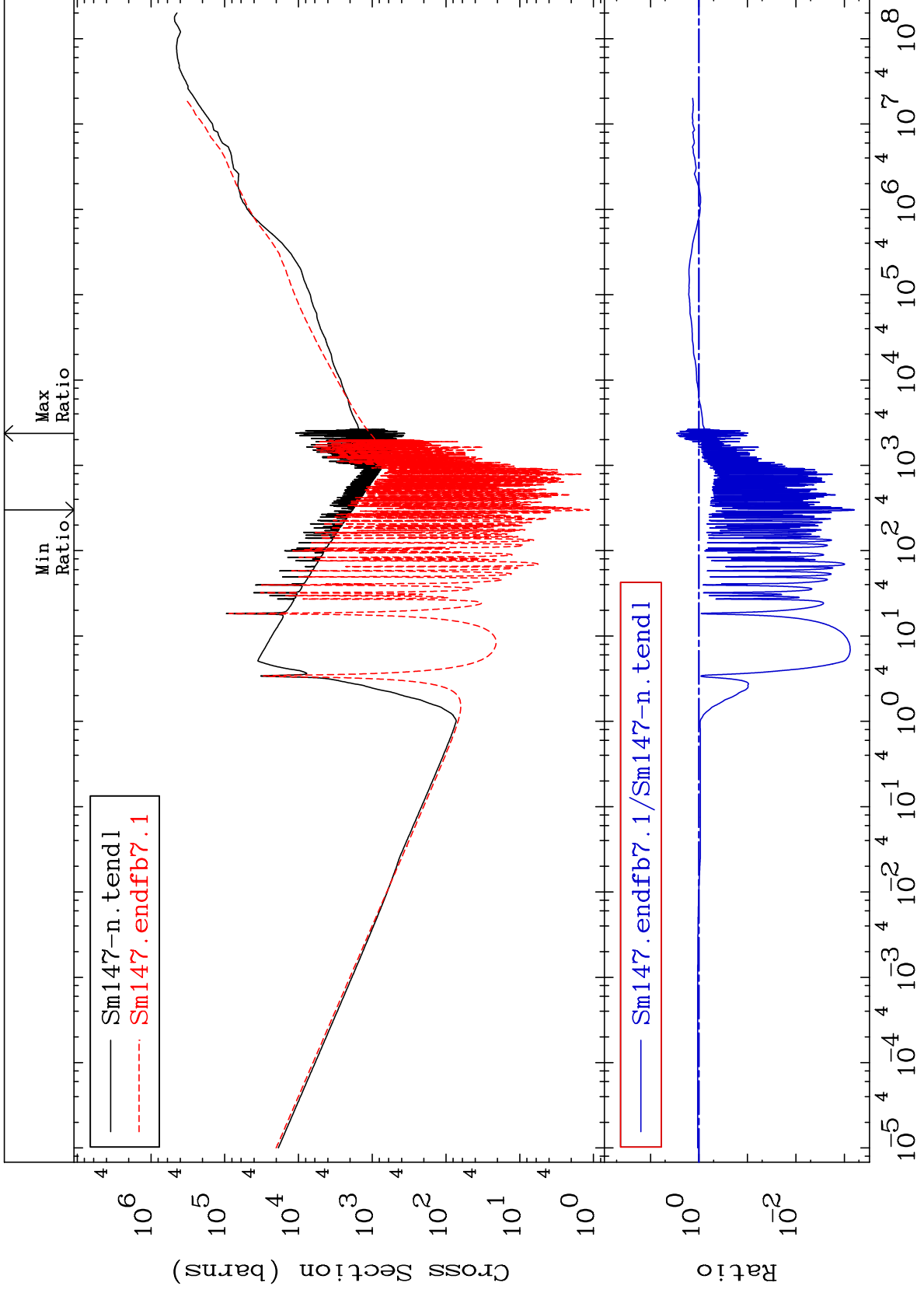
51

Incident Energy (eV)

62-Sm-147



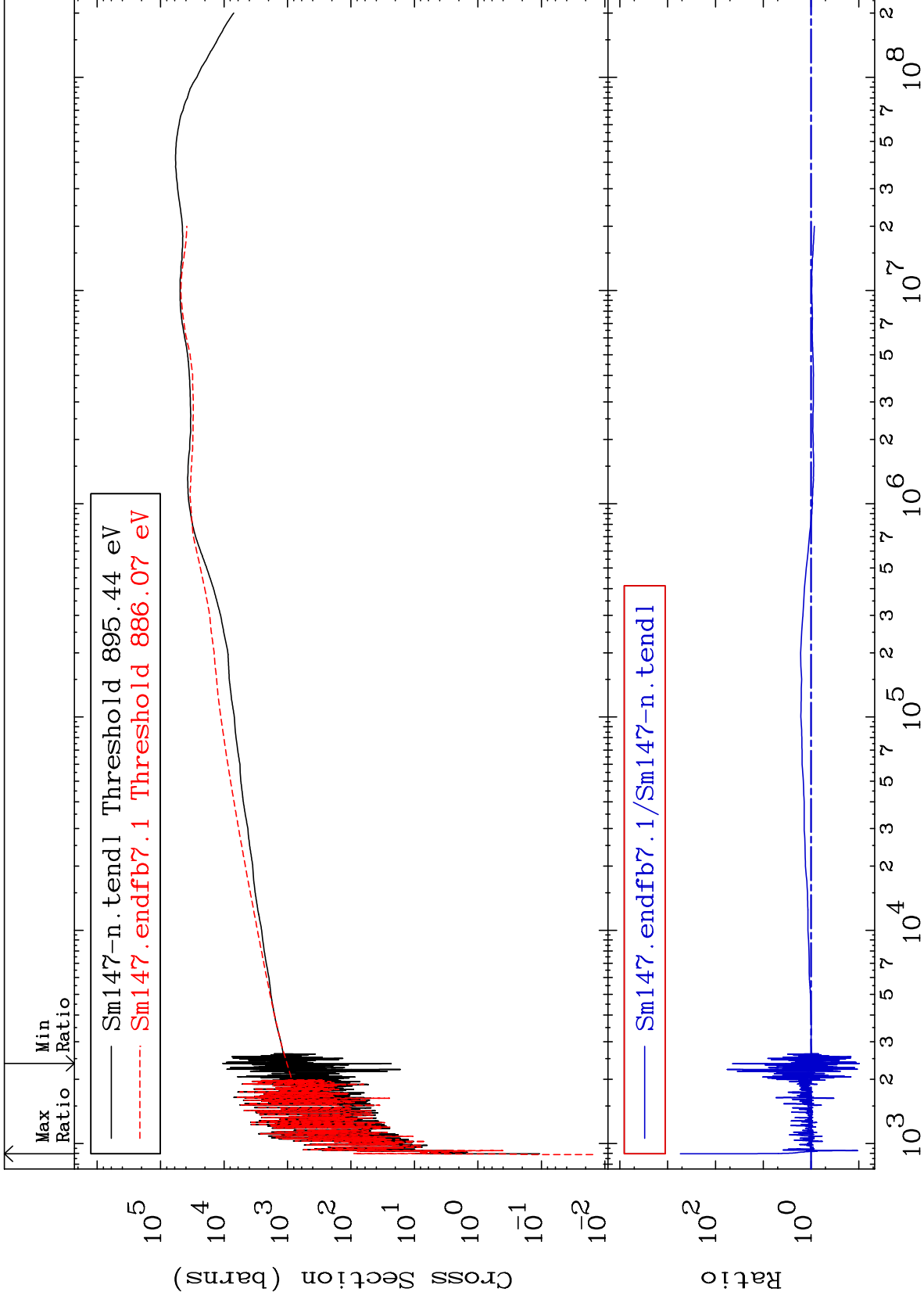




MAT 6234

Dpa elastic (mt2)
Cross Section

62-Sm-147
-90.27 To 9999. %



55

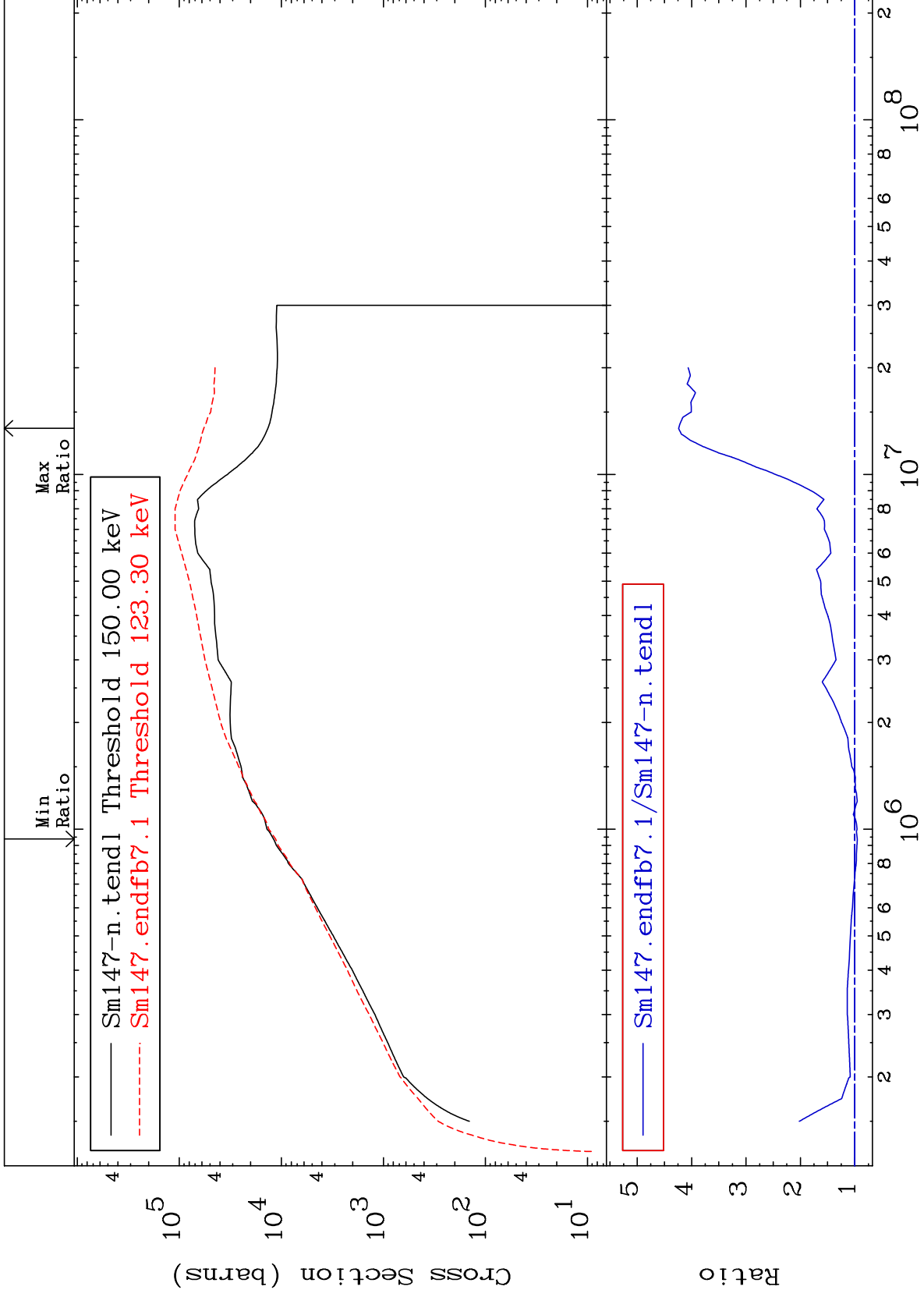
Incident Energy (eV)

62-Sm-147

MAT 6234

Dpa inelastic (mt51-91)
Cross Section

62-Sm-147
-4.485 To 323.8 %



MAT 6234

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-147
-99.94 To 176.7 %

