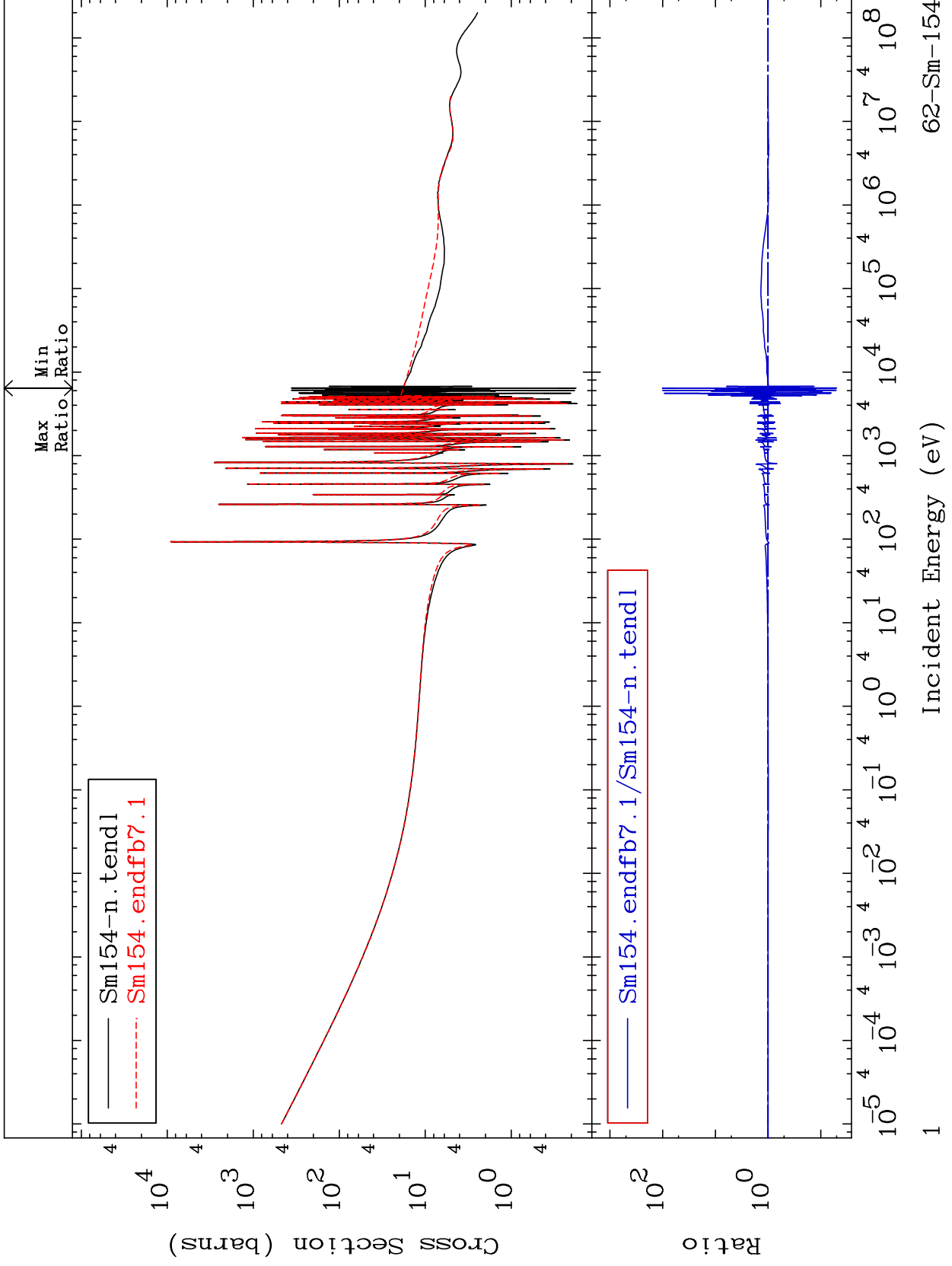


MAT 6255

Total
Cross Section

62-Sm-154
-94.99 To 9999. %

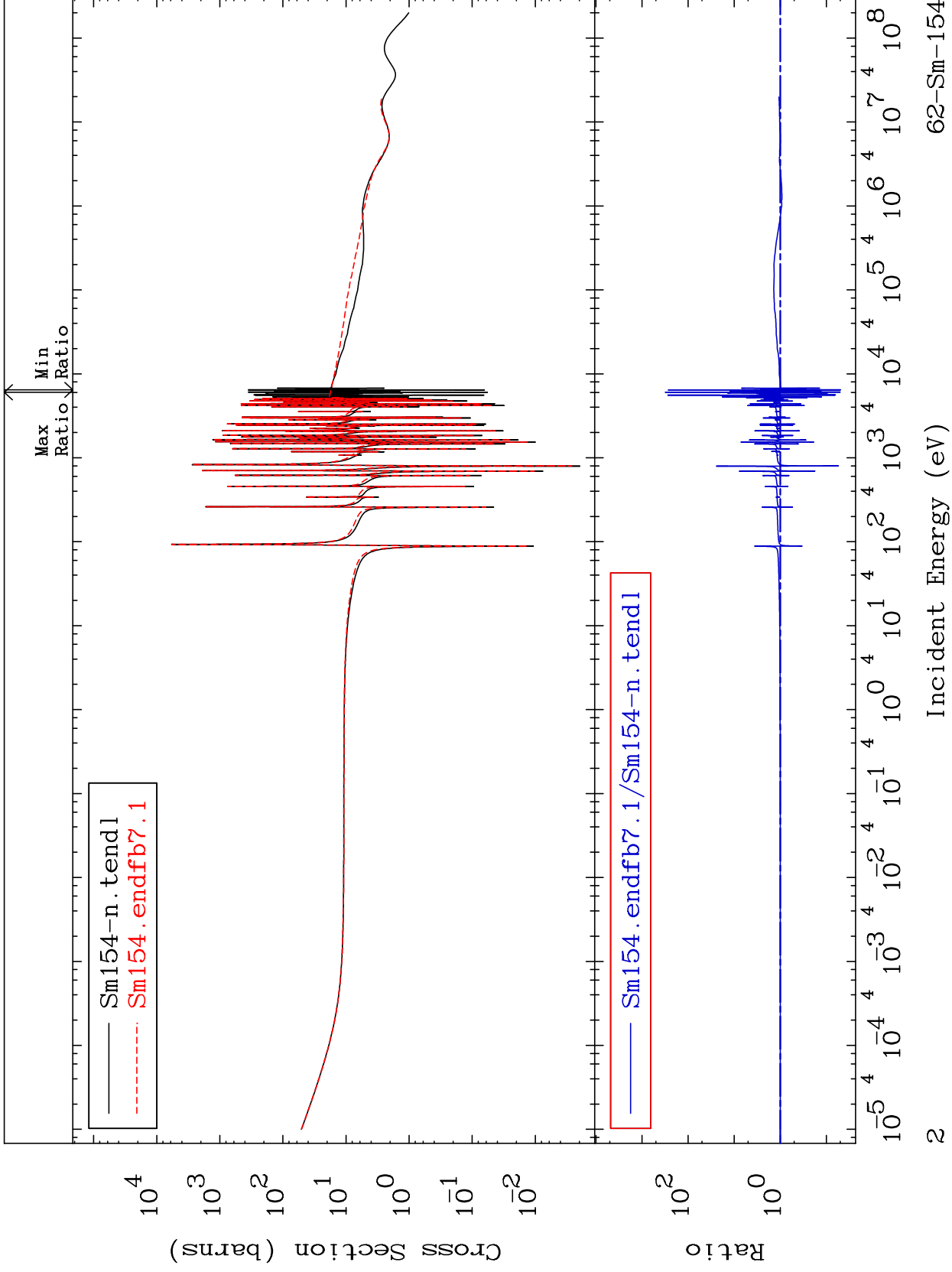


62-Sm-154

MAT 6255

Elastic
Cross Section

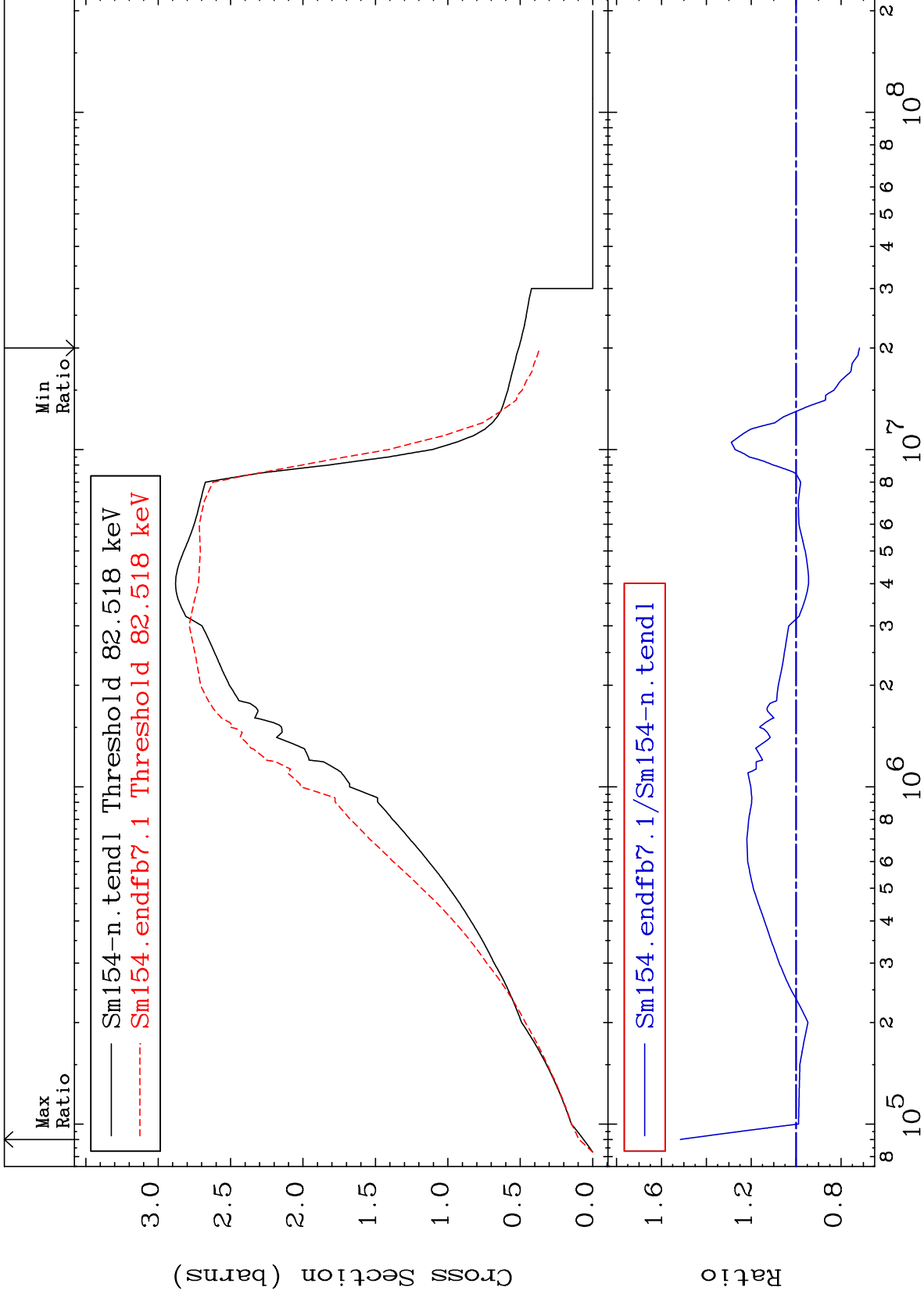
62-Sm-154
-95.12 To 9999. %



MAT 6255

Inelastic
Cross Section

62-Sm-154
-28.20 To 51.58 %



3

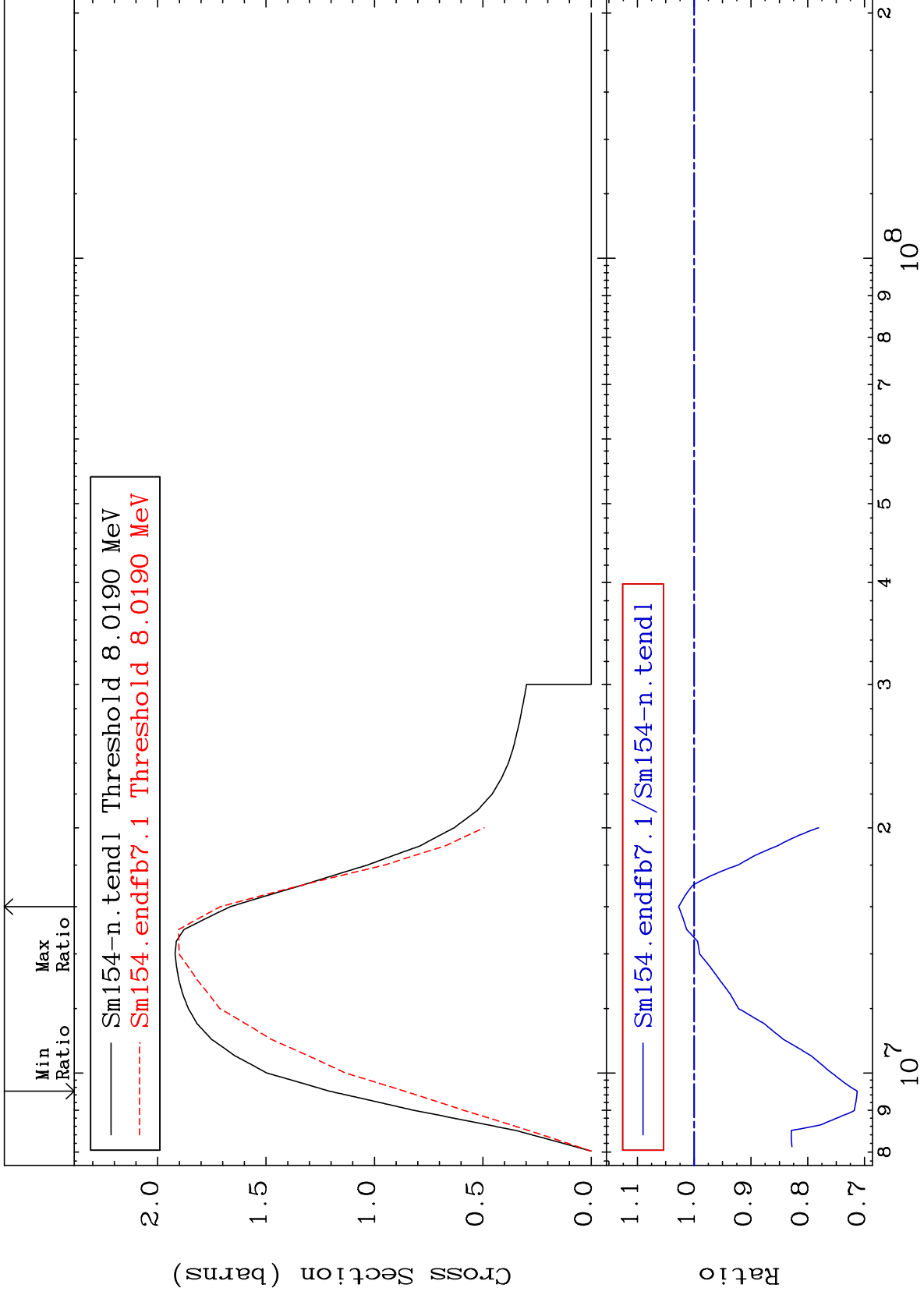
62-Sm-154

62-Sm-154

MAT 6255

(n,2n)
Cross Section

62-Sm-154
-28.71 To 2.737 %



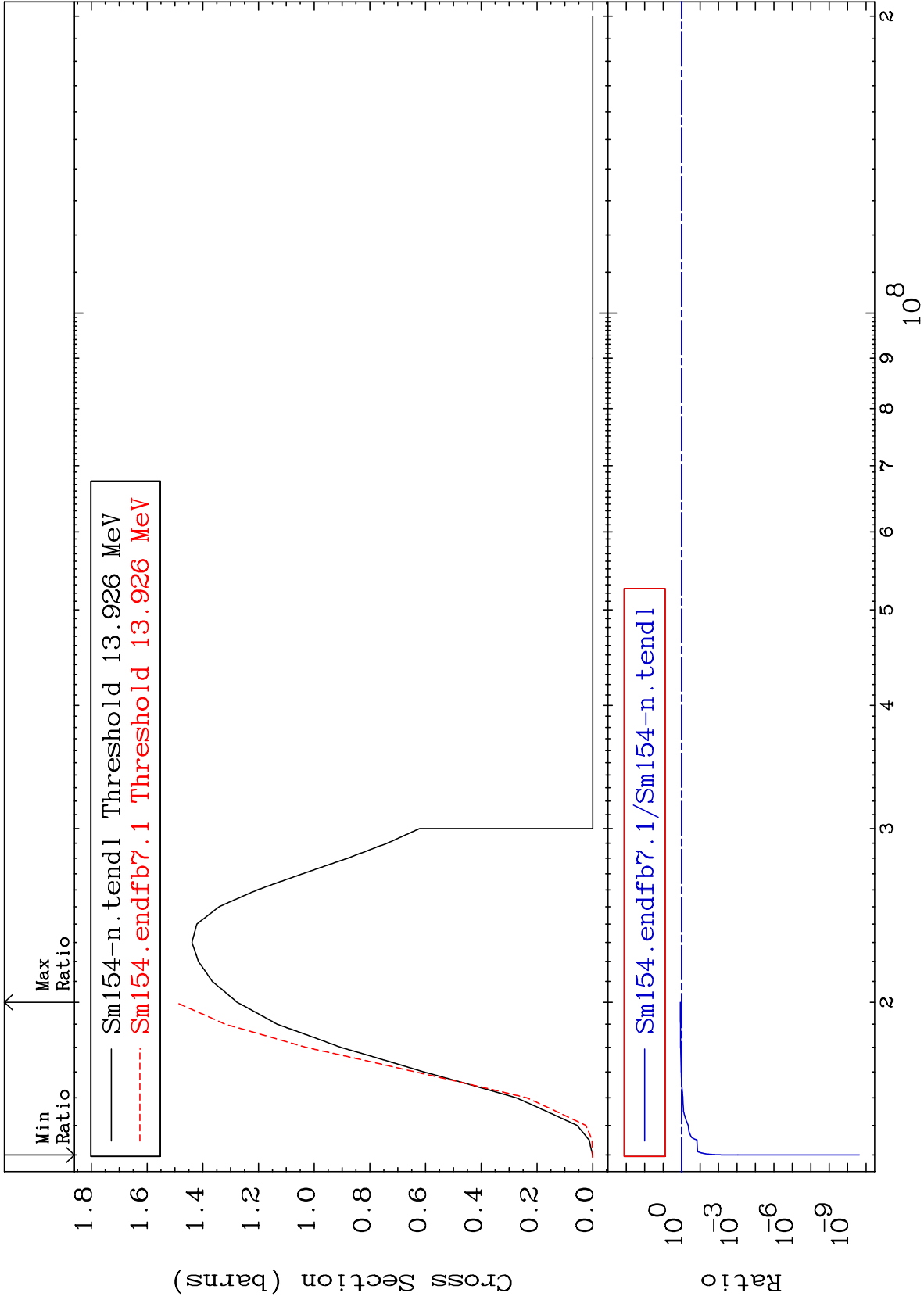
4

Incident Energy (eV)

62-Sm-154

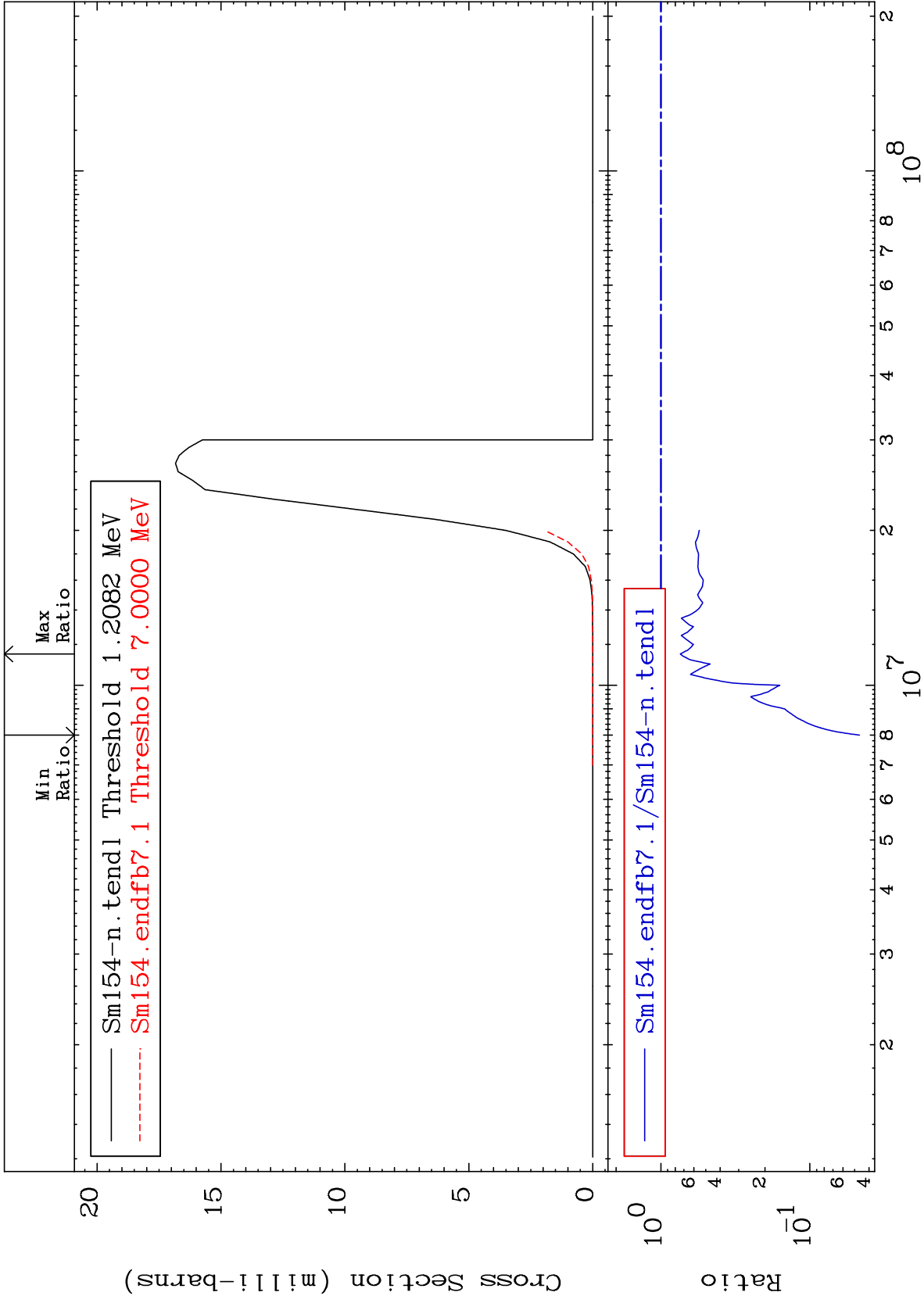
Cross Section

-100.0 To 17.33 %



MAT 6255

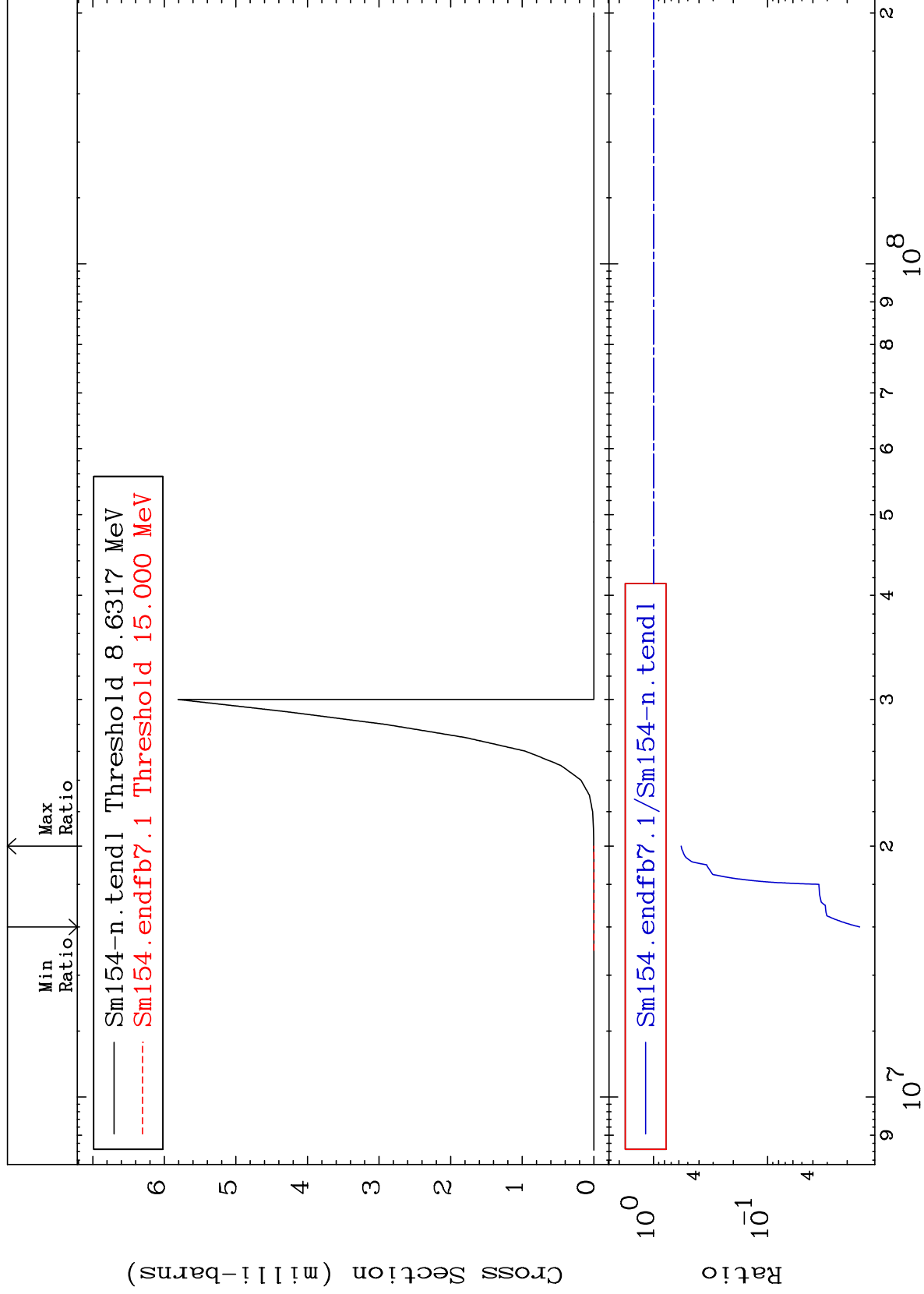
(n, n') α
Cross Section
62-Sm-154
-95.36 To -26.00%



MAT 6255

(n,2n) α
Cross Section

62-Sm-154
-98.44 To -42.76%



7

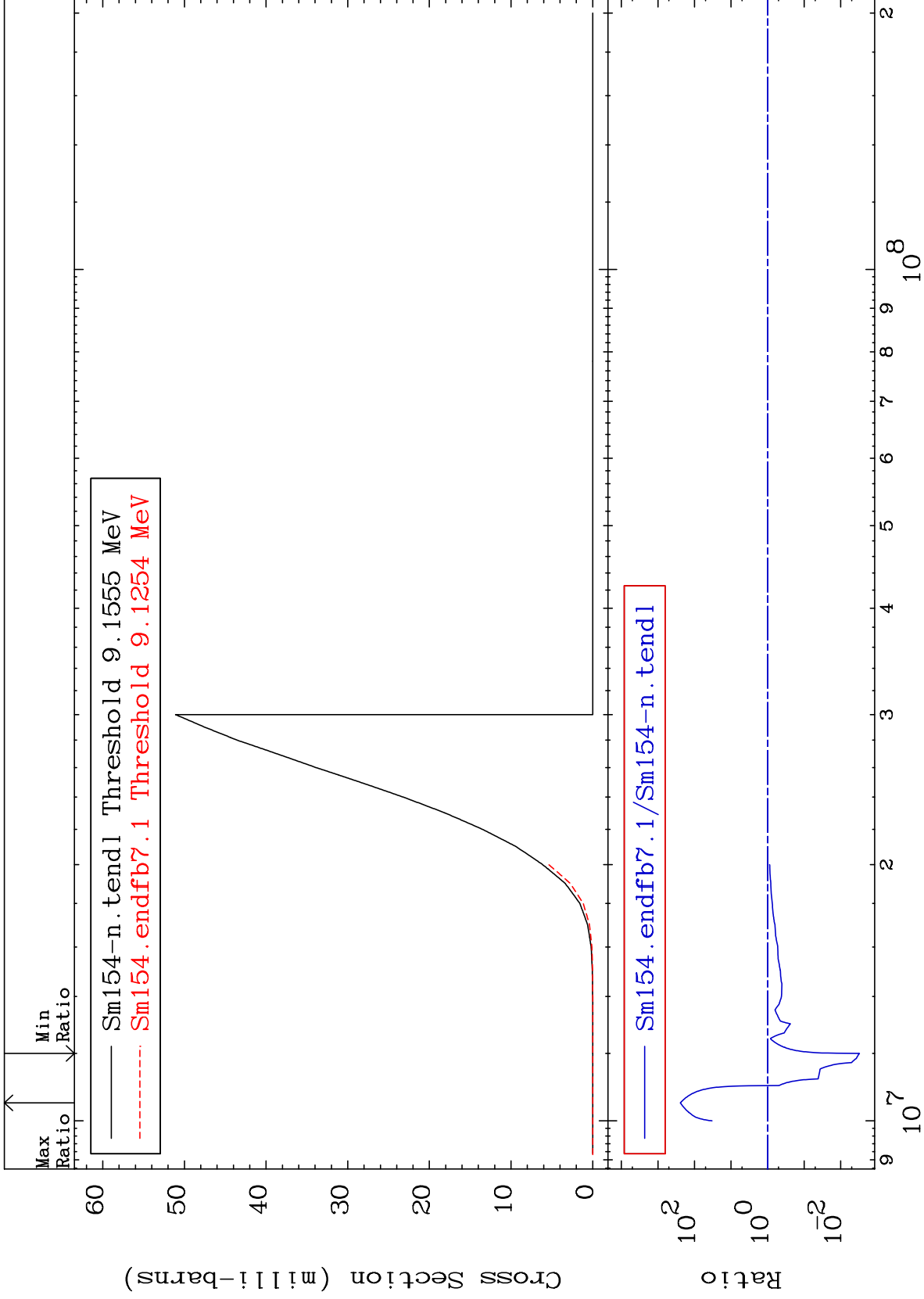
Incident Energy (eV)

62-Sm-154

MAT 6255

(n, n') p
Cross Section

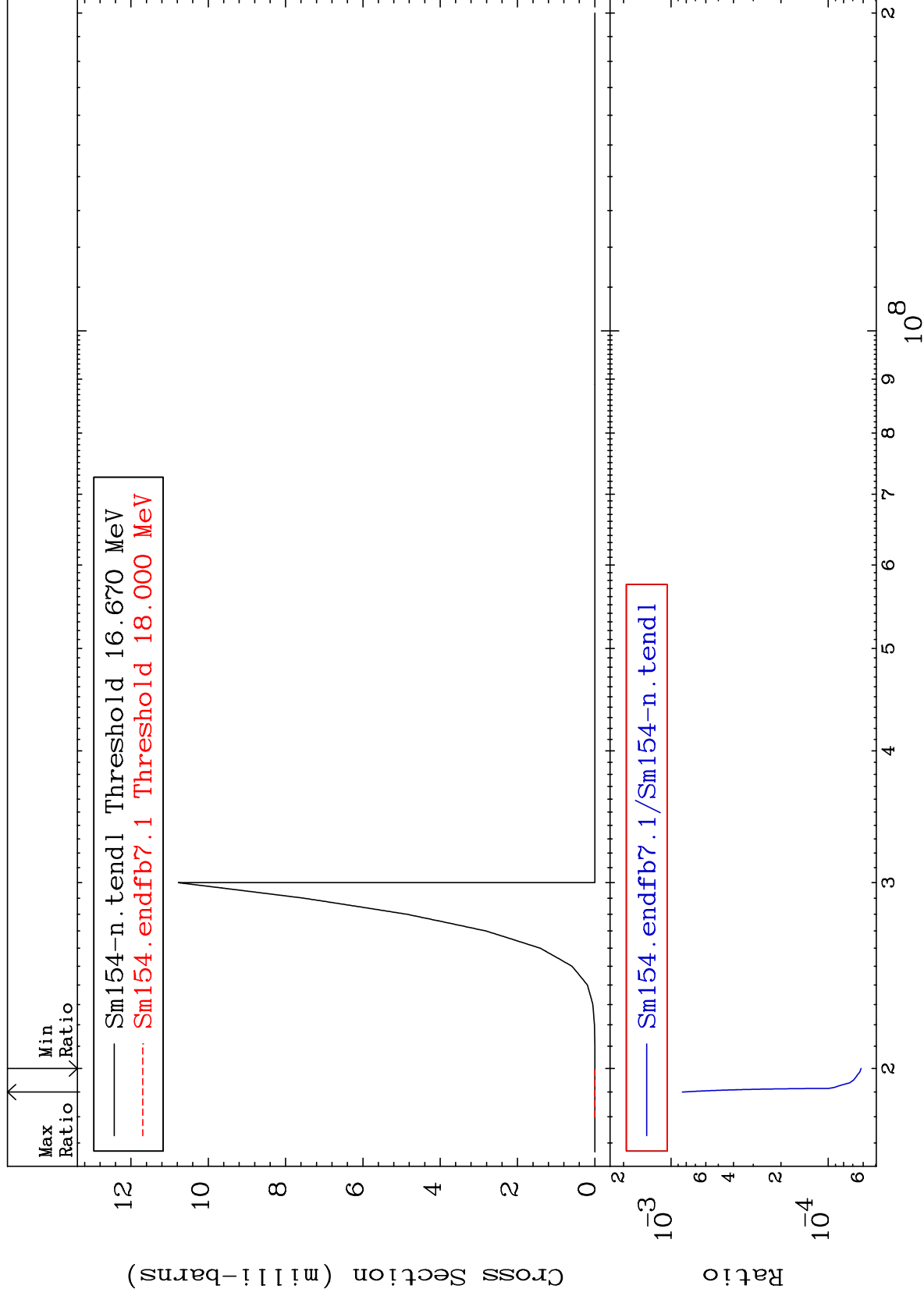
62-Sm-154
-99.69 To 9999. %



8

Incident Energy (eV)

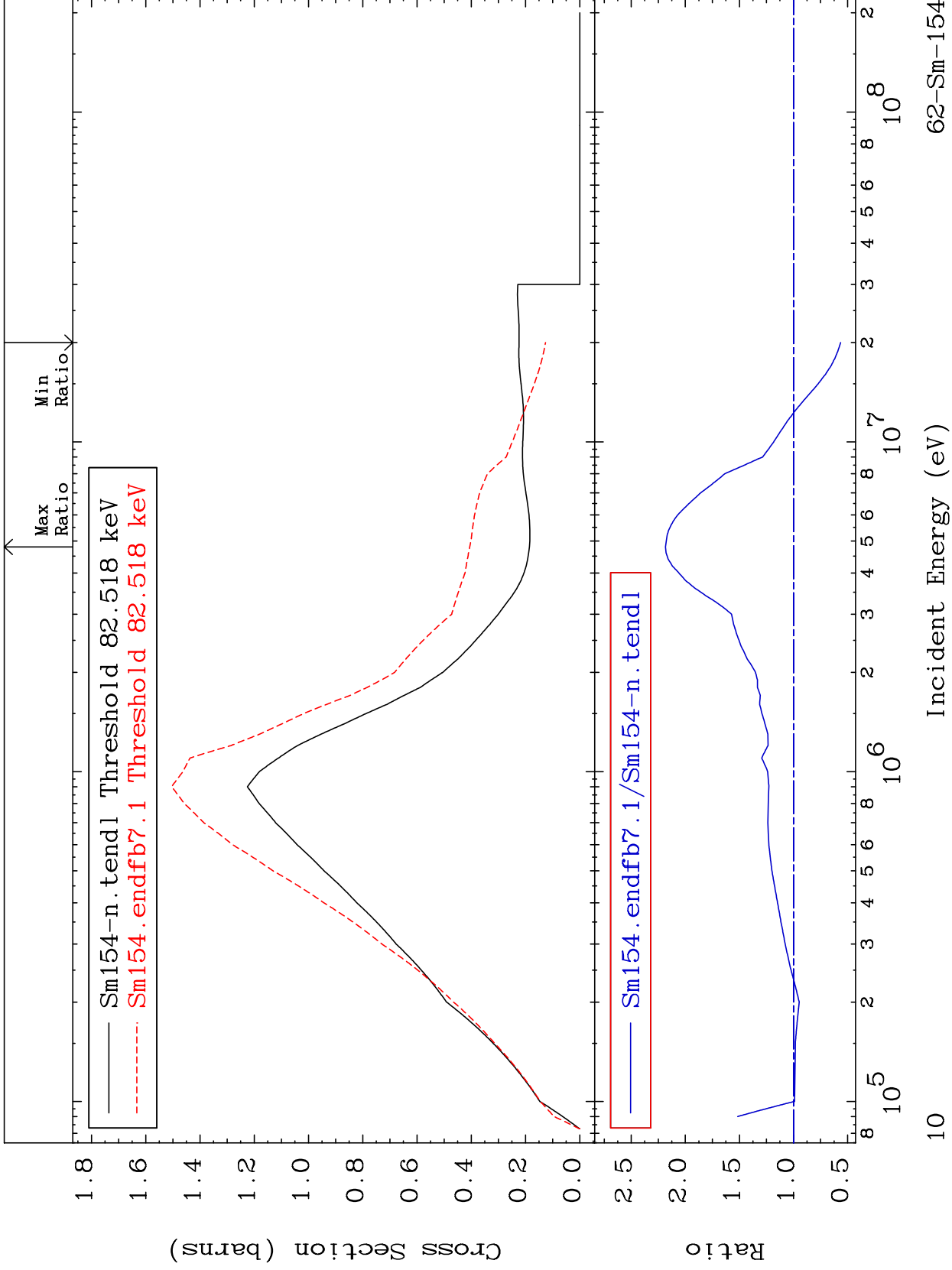
62-Sm-154



MAT 6255

81.98 keV (n,n') Level
Cross Section

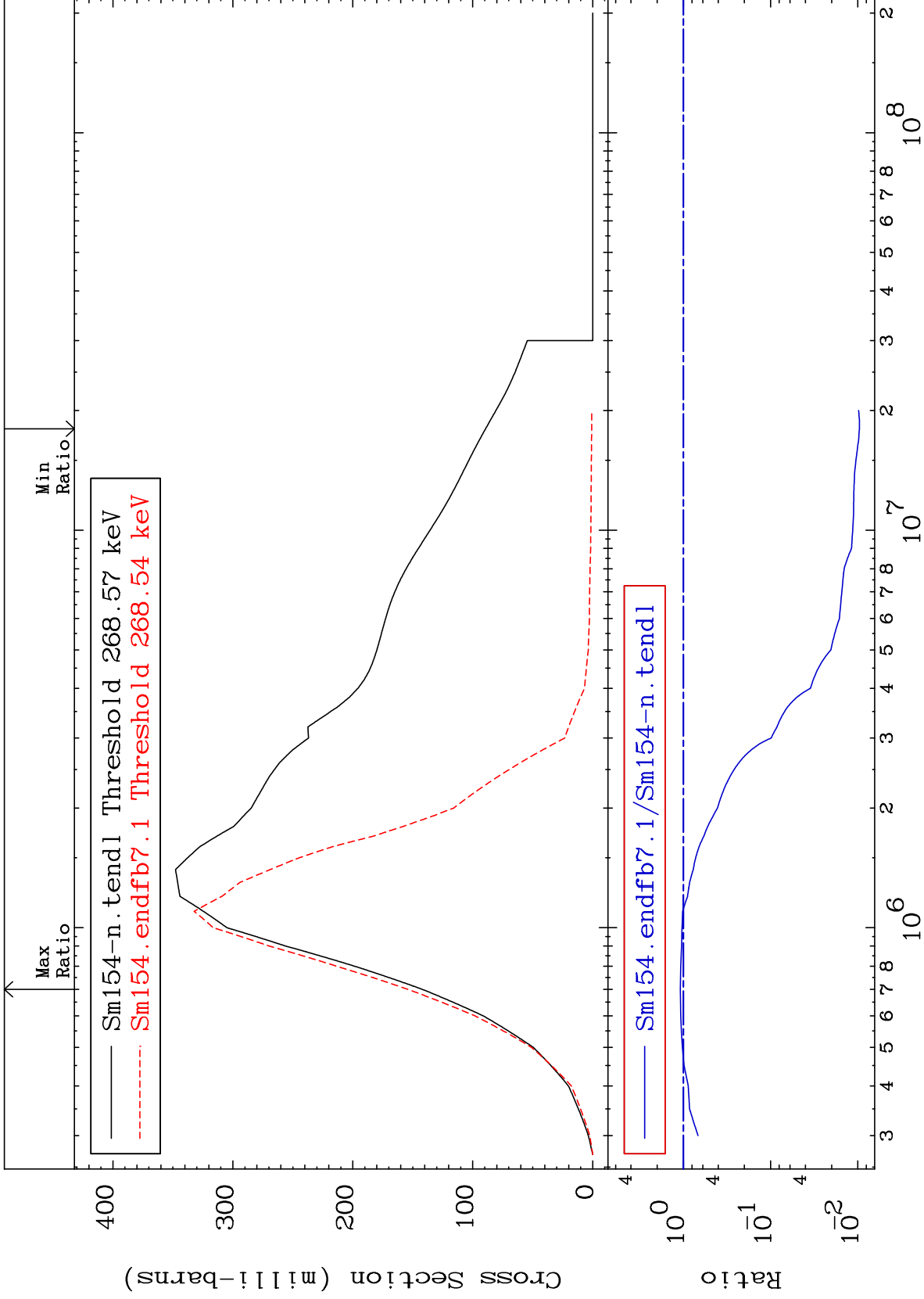
62-Sm-154
-43.61 To 118.3 %



MAT 6255

266.8 keV (n,n') Level
Cross Section

62-Sm-154
-99.04 To 8.536 %



11

62-Sm-154

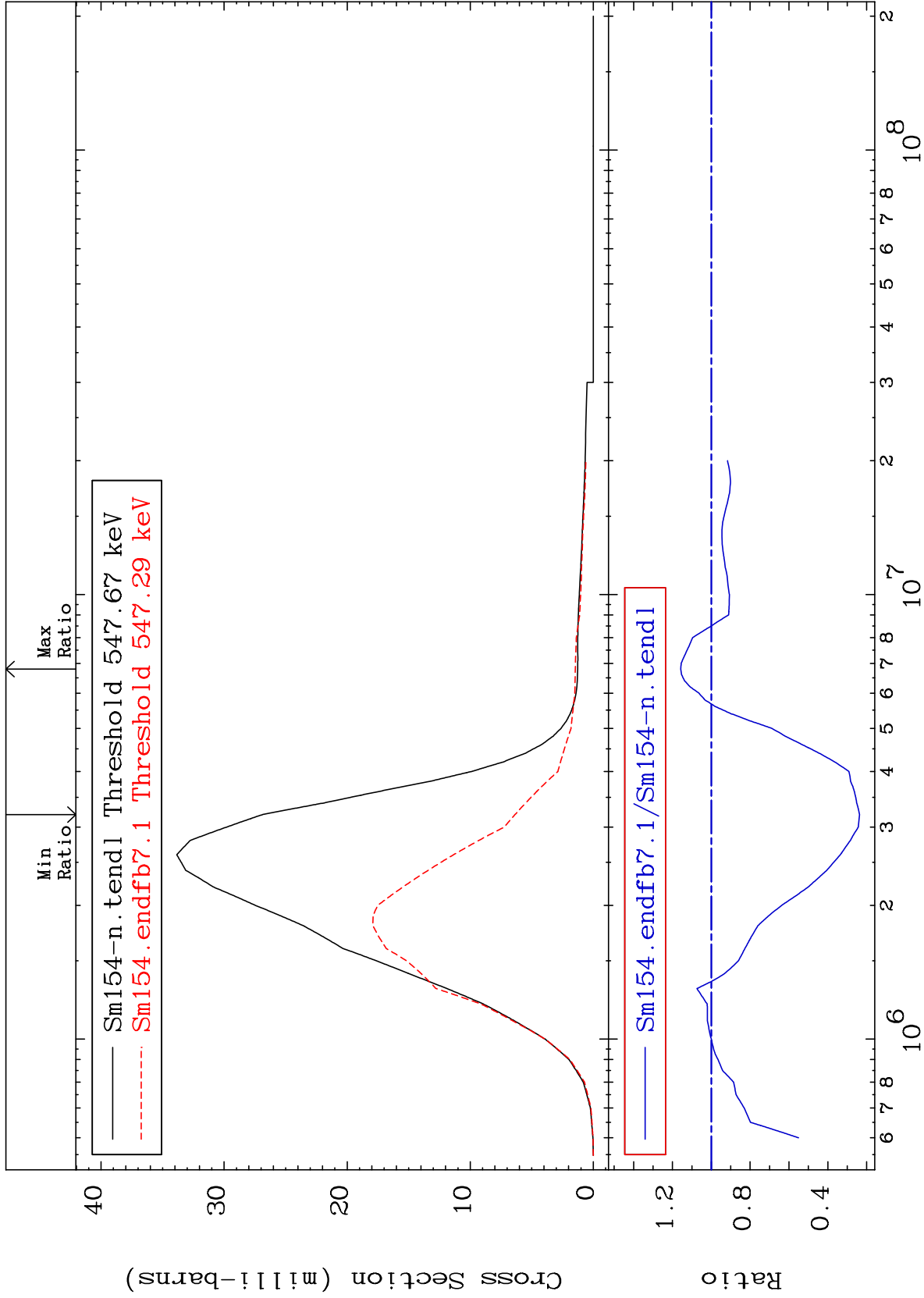
MAT 6255

544.1 keV (n,n') Level

62-Sm-154

-76.34 To 15.72 %

Cross Section



12

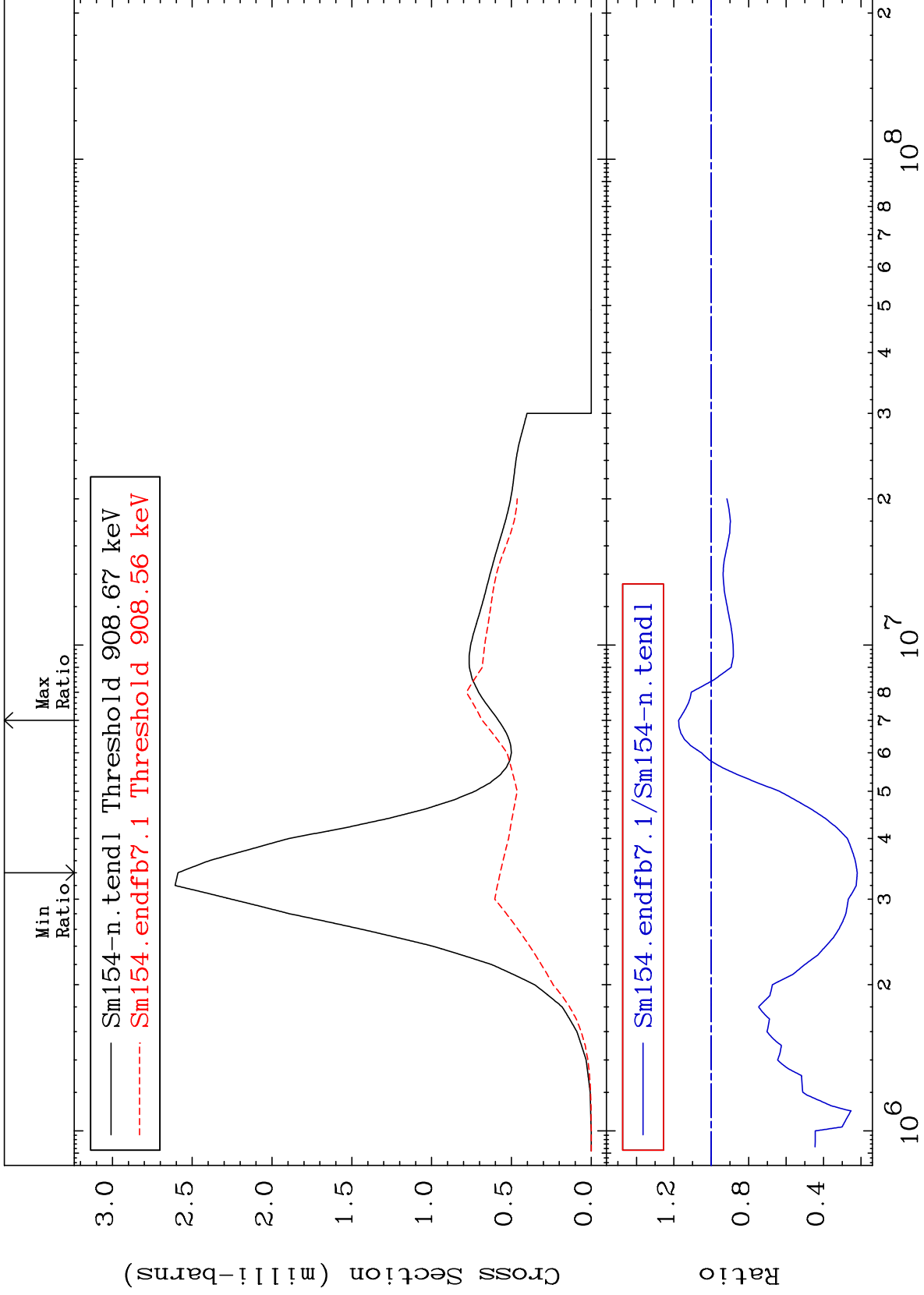
Incident Energy (eV)

62-Sm-154

MAT 6255

902.7 keV (n,n') Level
Cross Section

62-Sm-154
-77.99 To 17.47 %



13

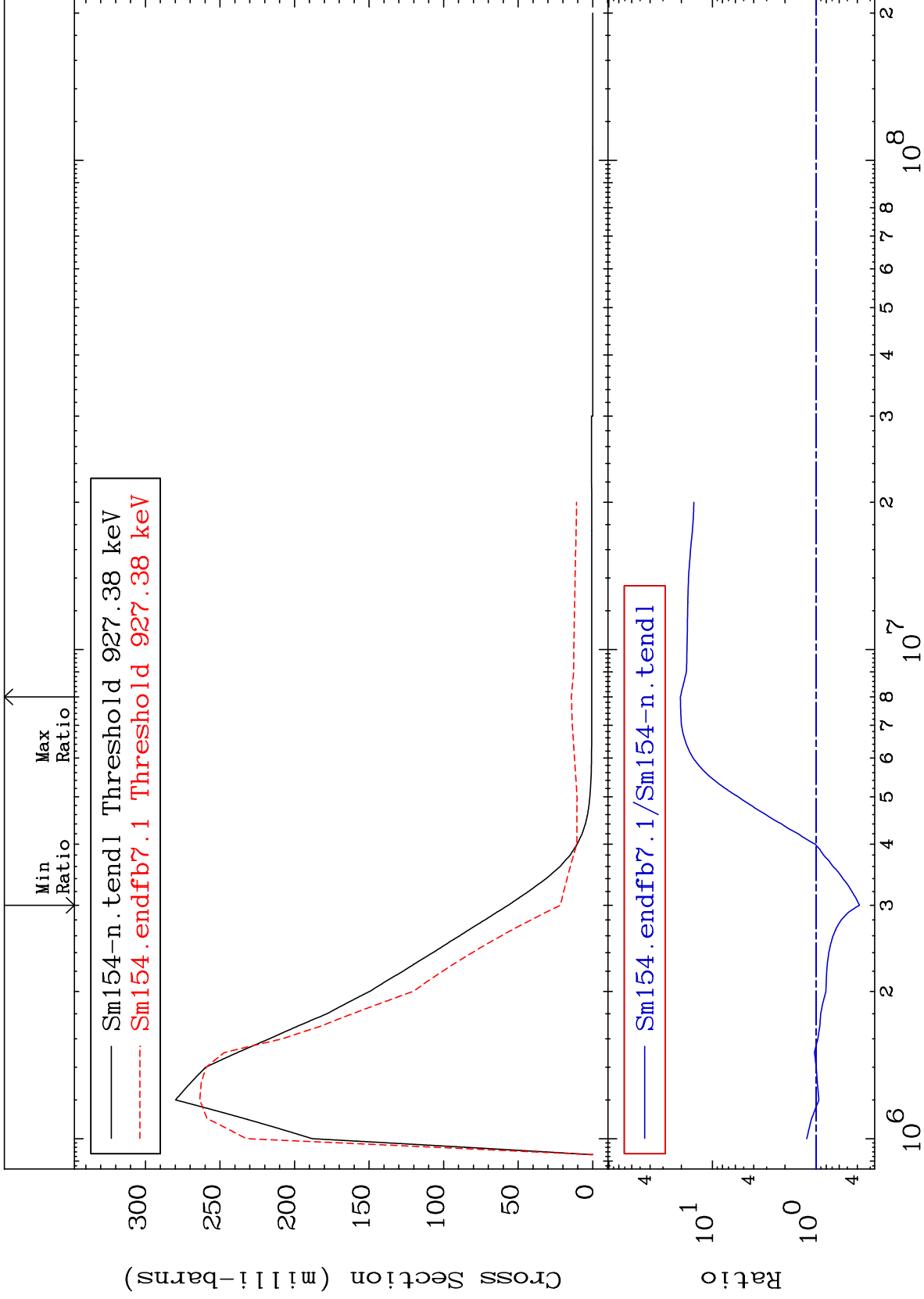
Incident Energy (eV)

62-Sm-154

MAT 6255

921.3 keV (n,n') Level
Cross Section

62-Sm-154
-61.79 To 1940. %



14

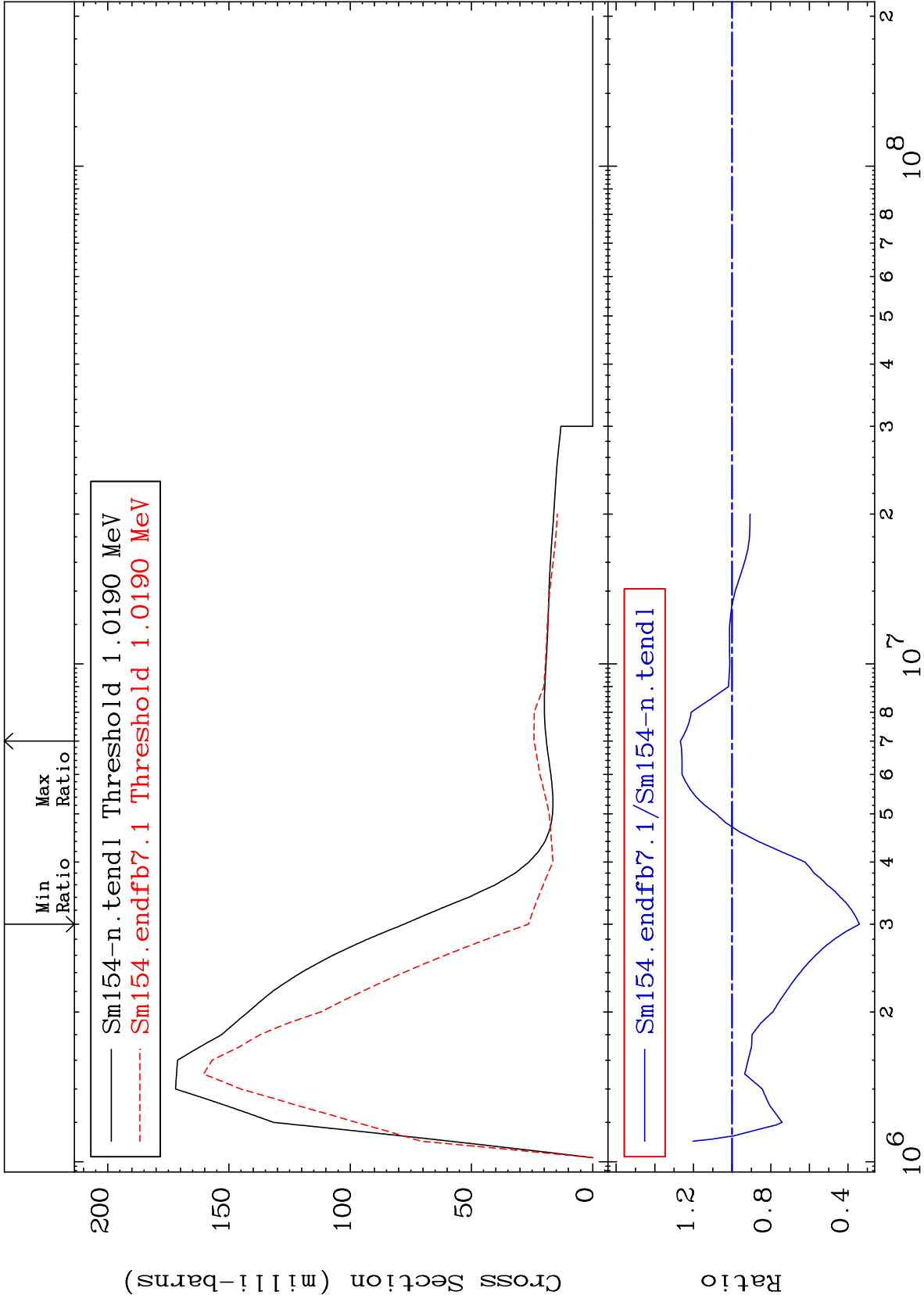
Incident Energy (eV)

62-Sm-154

MAT 6255

1.012 MeV (n,n') Level
Cross Section

62-Sm-154
-65.90 To 26.77 %



15

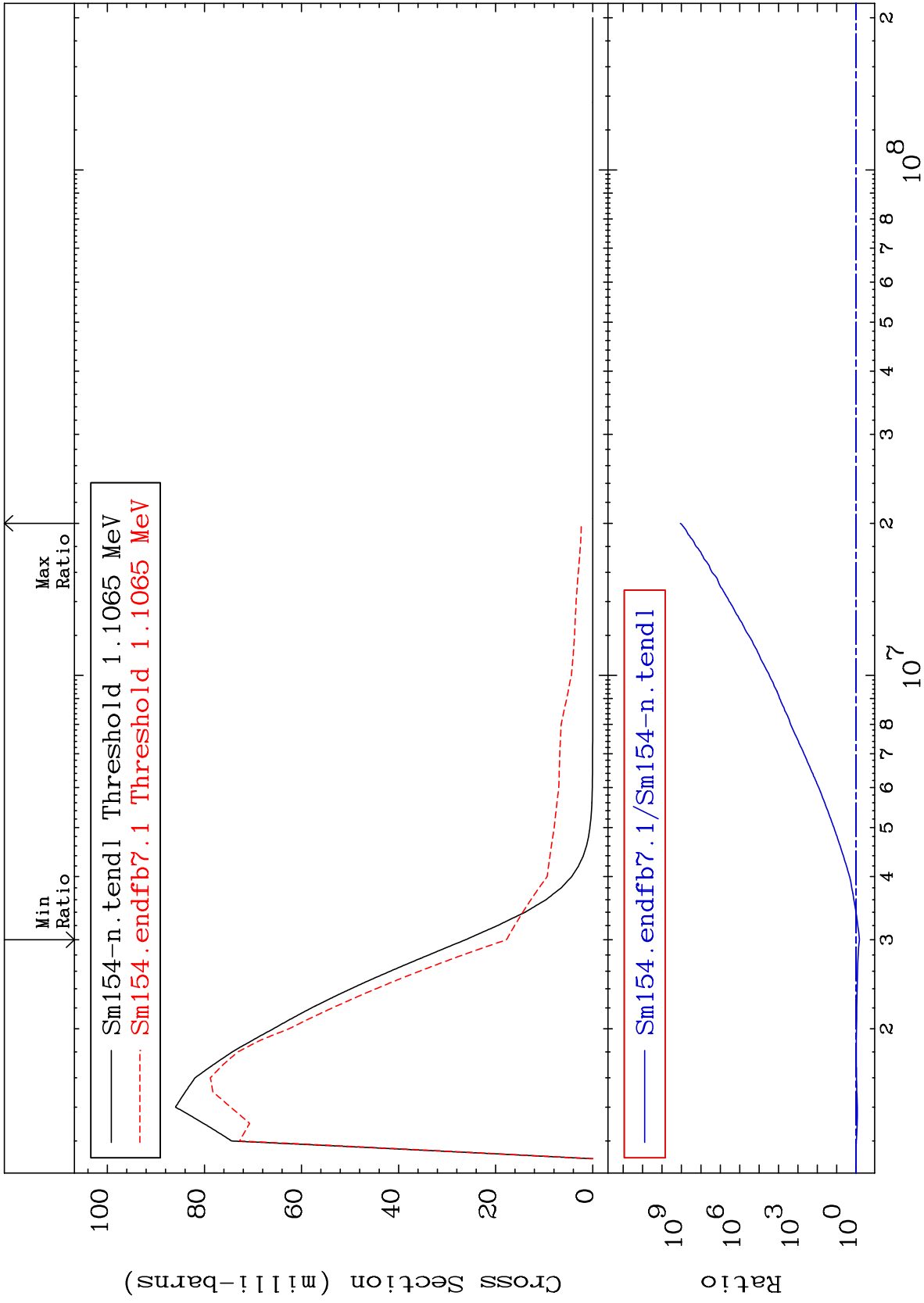
Incident Energy (eV)

62-Sm-154

MAT 6255

1.099 MeV (n,n') Level
Cross Section

62-Sm-154
-32.16 To 9999. %



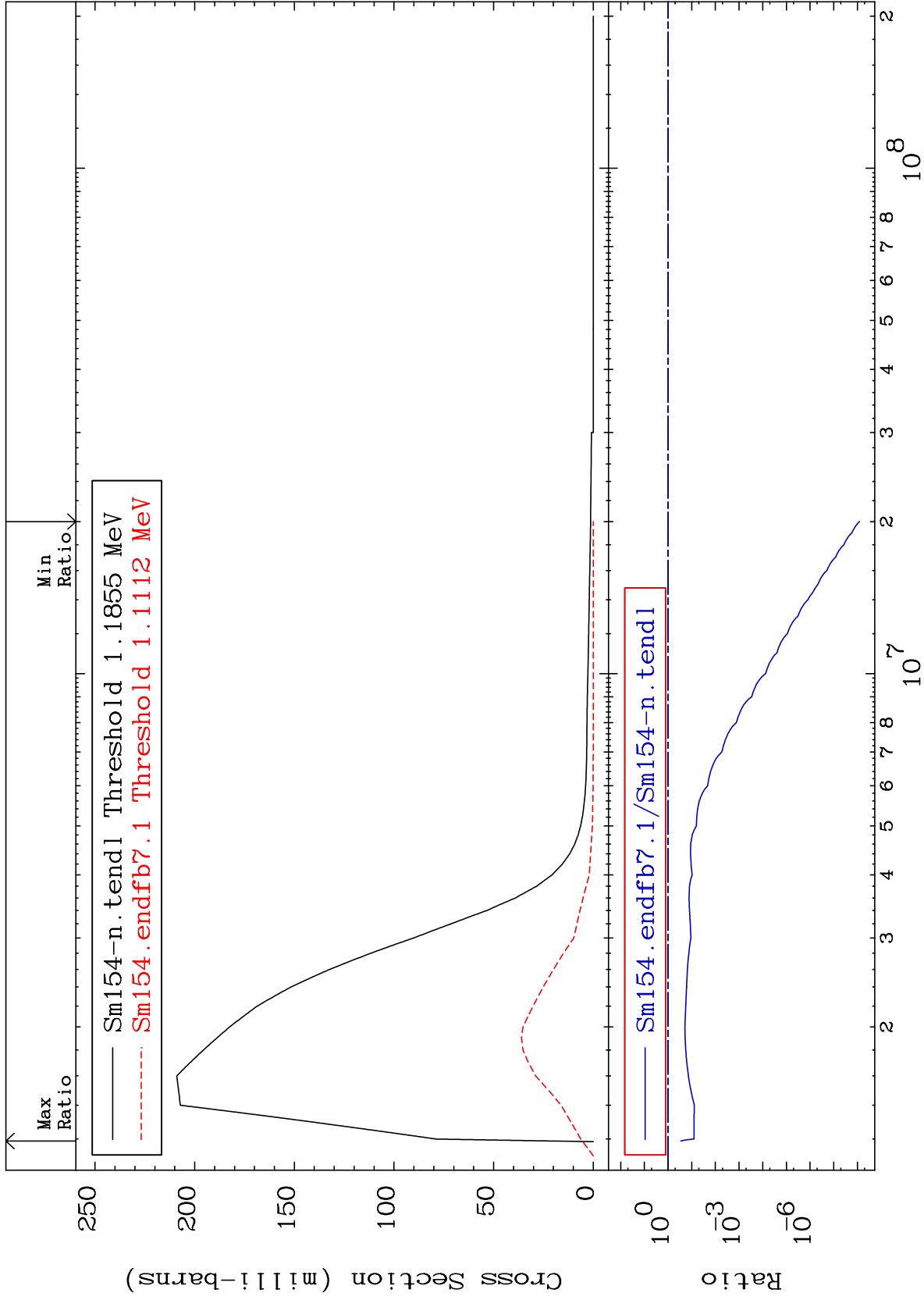
MAT 6255

1.178 MeV (n,n') Level

62-Sm-154

-100.0 To -71.01%

Cross Section



17

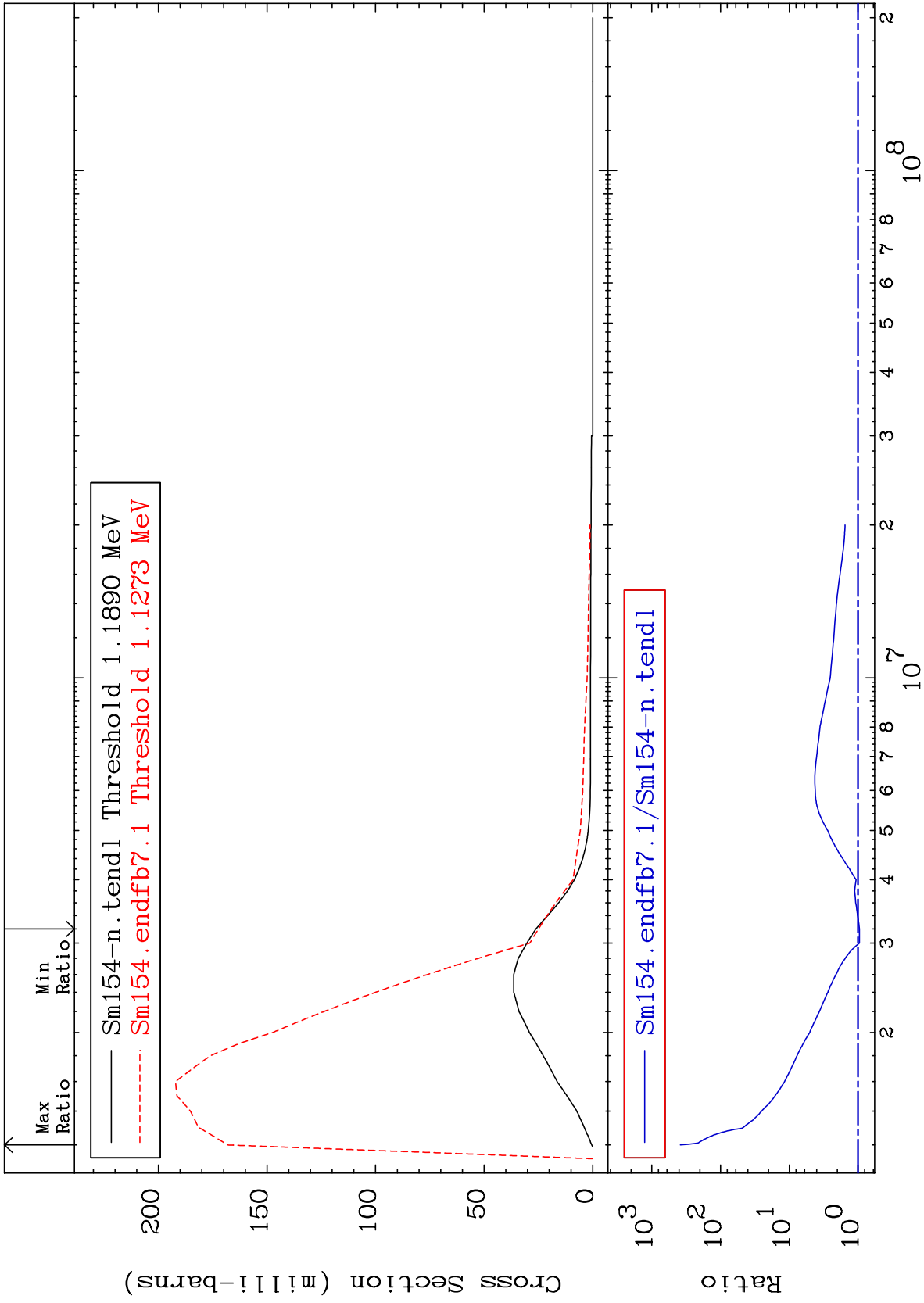
Incident Energy (eV)

62-Sm-154

MAT 6255

1.181 MeV (n,n') Level
Cross Section

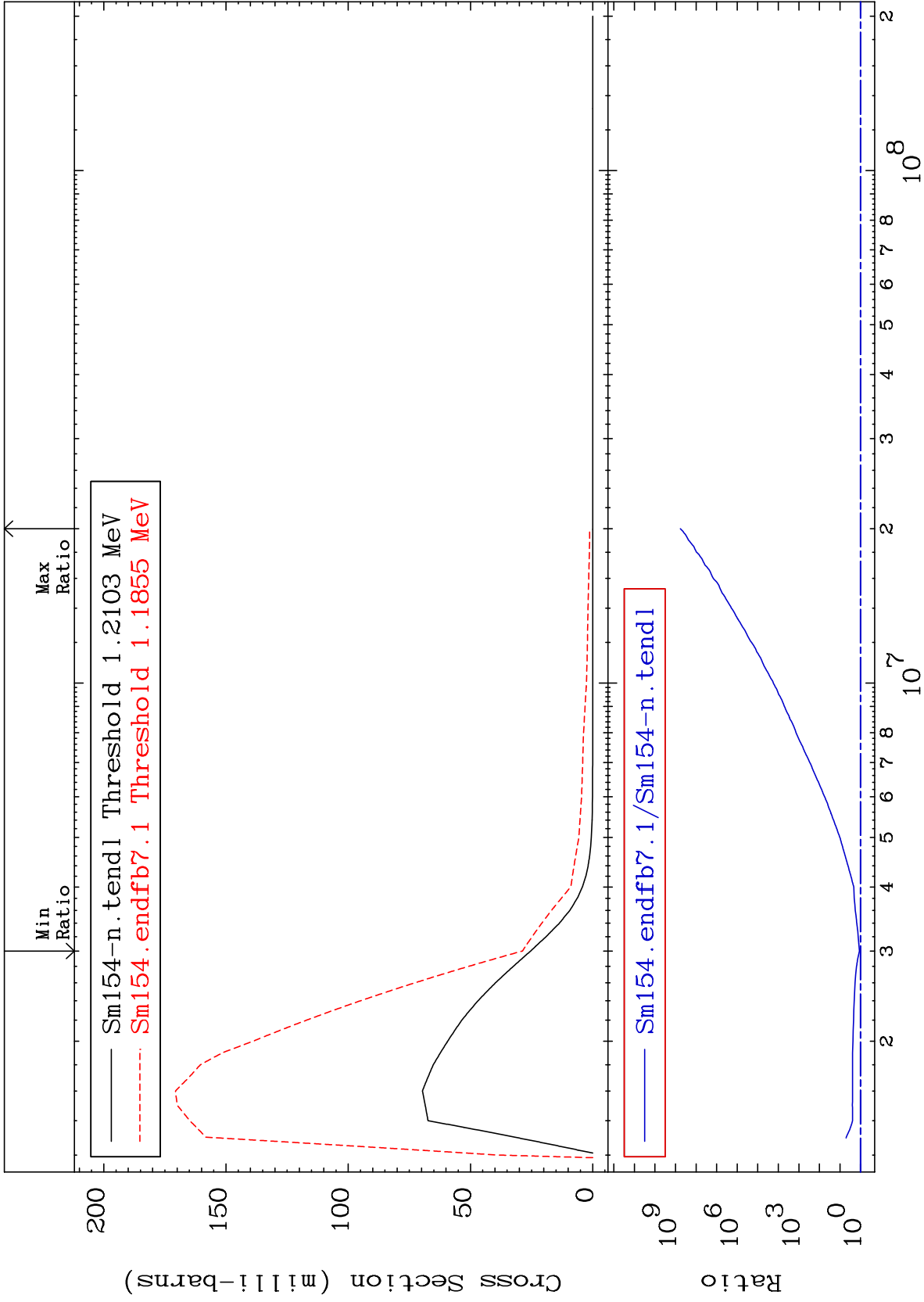
62-Sm-154
-4.495 To 9999. %



MAT 6255

1.202 MeV (n,n') Level
Cross Section

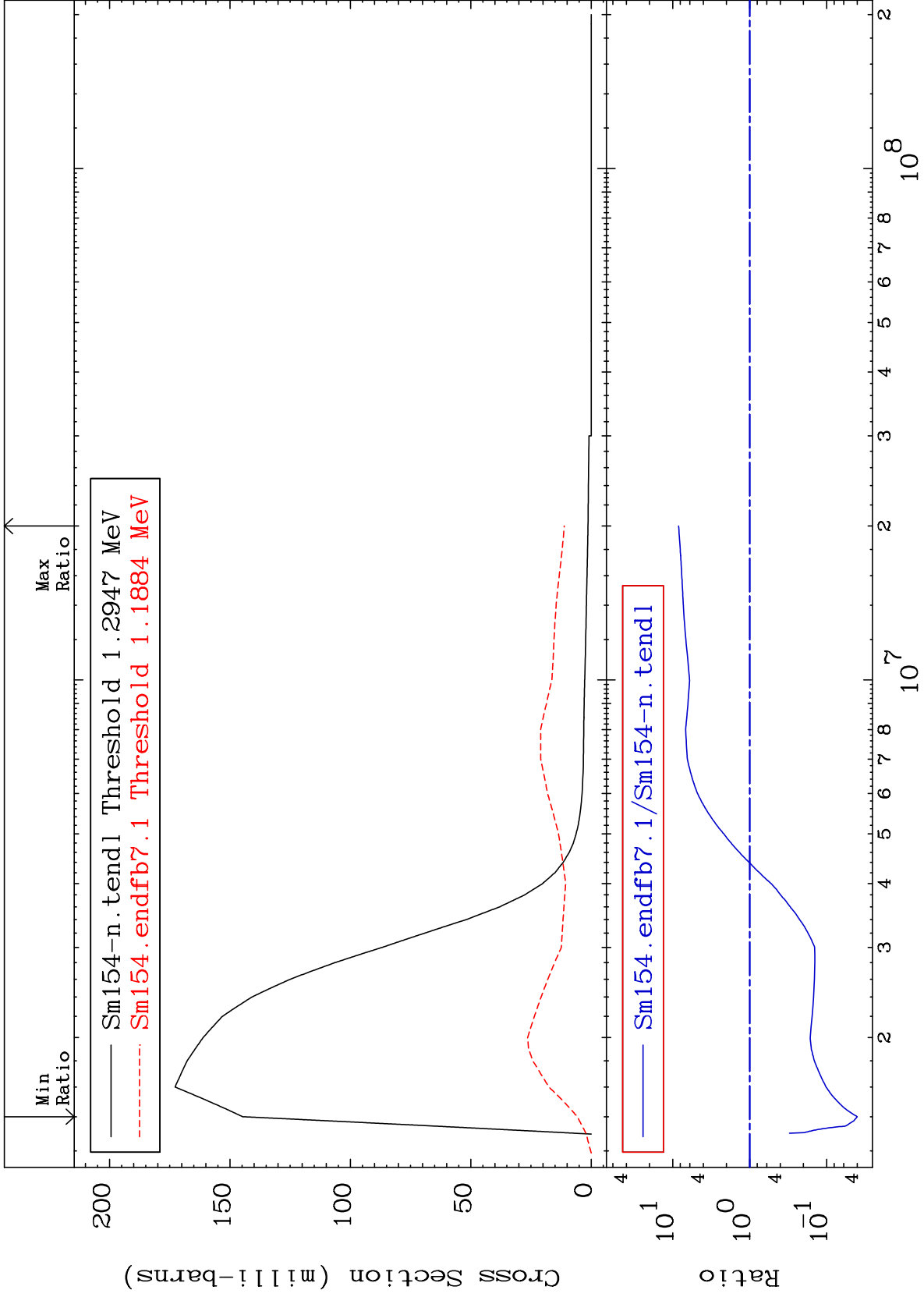
62-Sm-154
13.27 To 9999. %



MAT 6255

1.286 MeV (n,n') Level
Cross Section

62-Sm-154
-96.00 To 738.2 %



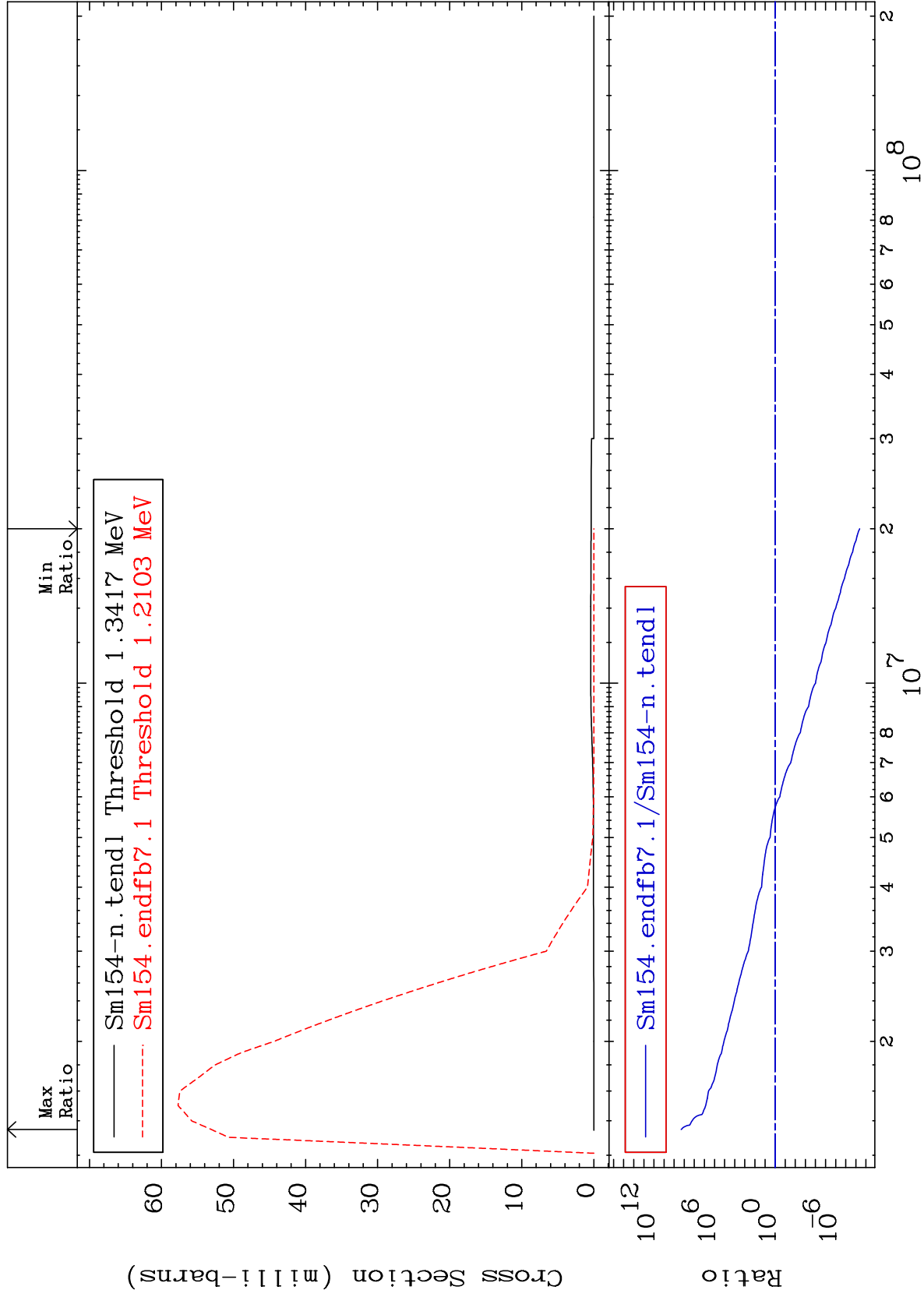
MAT 6255

1.333 MeV (n,n') Level

62-Sm-154

-100.0 To 9999. %

Cross Section



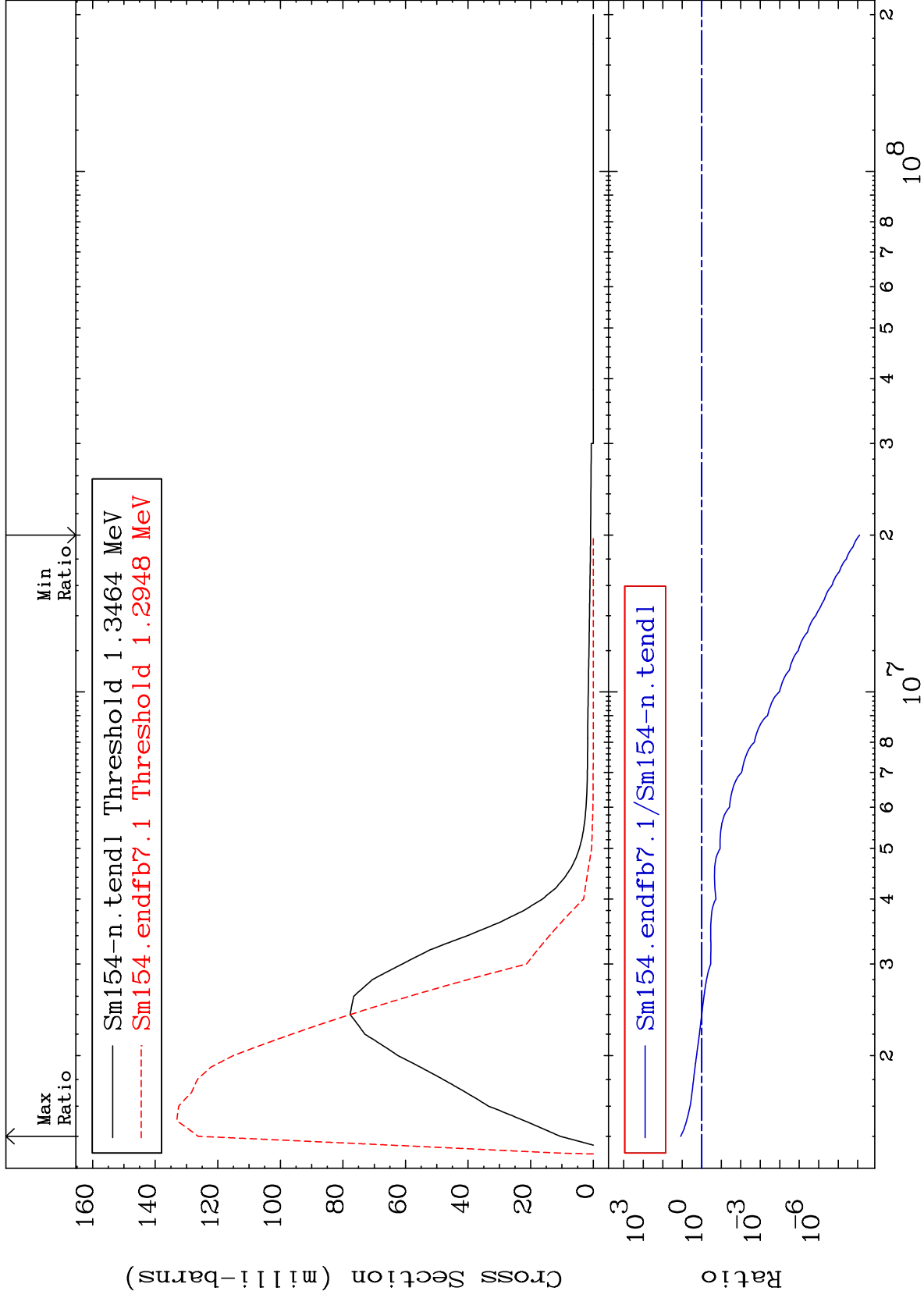
MAT 6255

1.338 MeV (n,n') Level

62-Sm-154

-100.0 To 1094. %

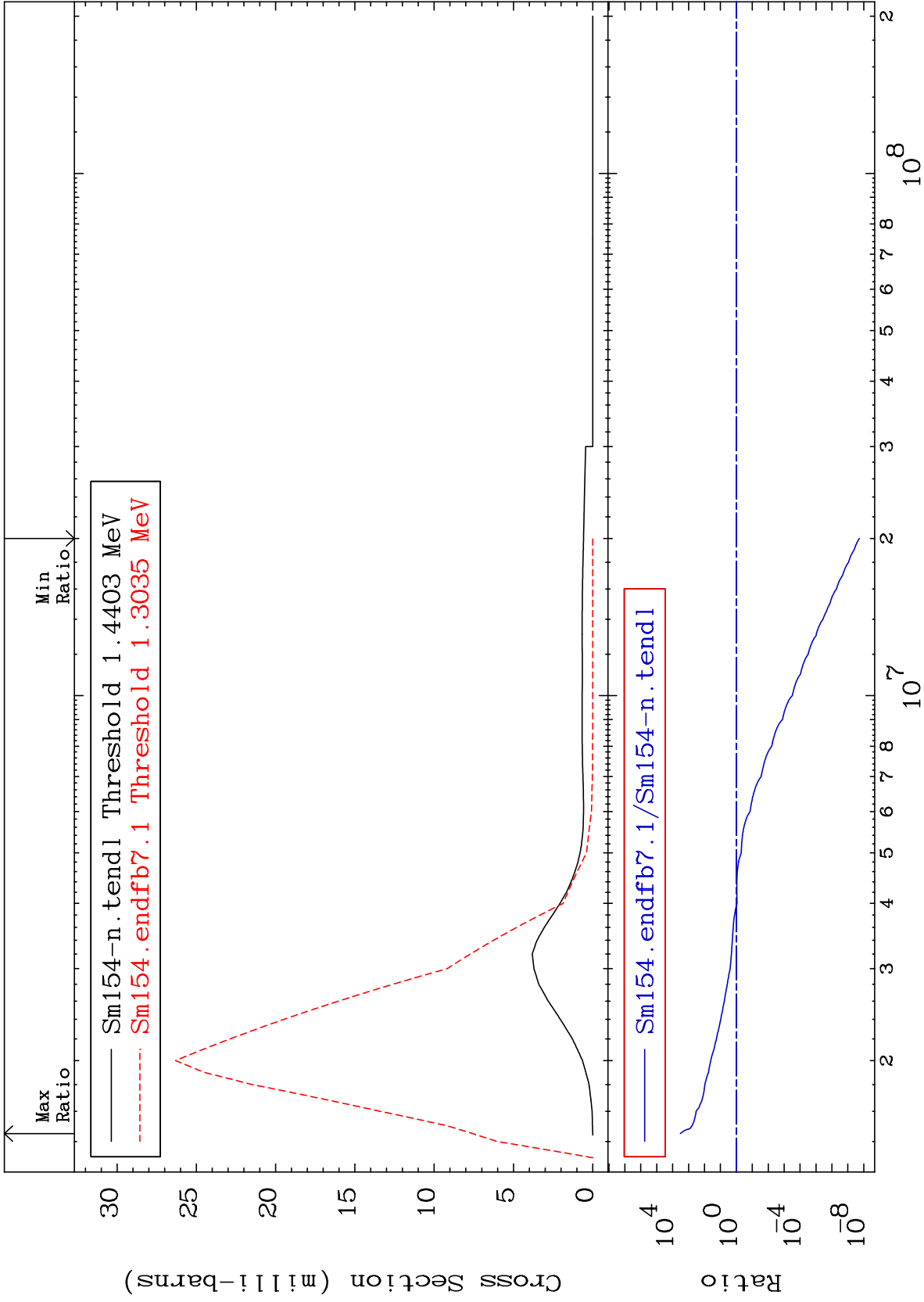
Cross Section



MAT 6255

1.431 MeV (n,n') Level
Cross Section

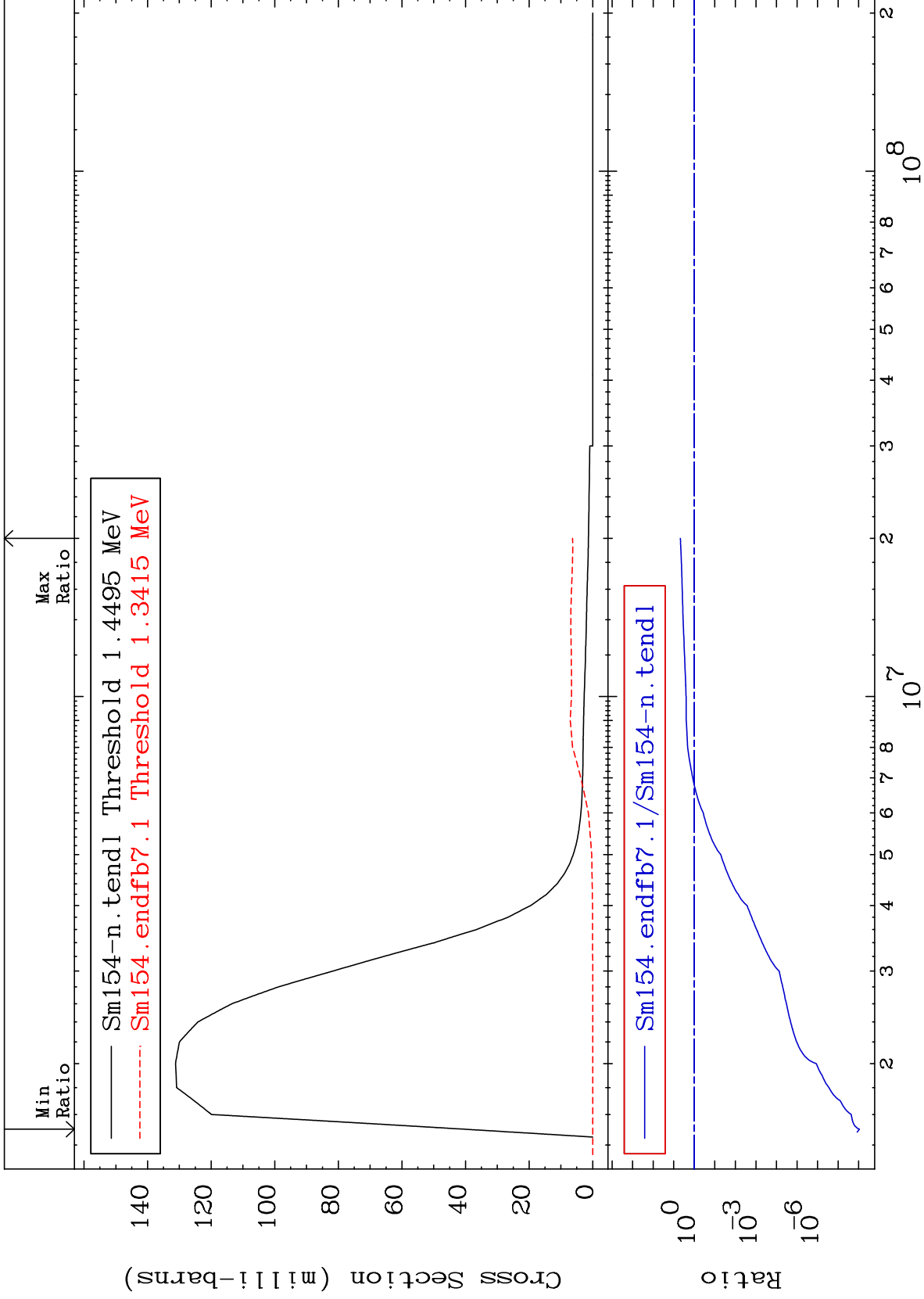
62-Sm-154
-100.0 To 9999. %



MAT 6255

1.440 MeV (n,n') Level
Cross Section

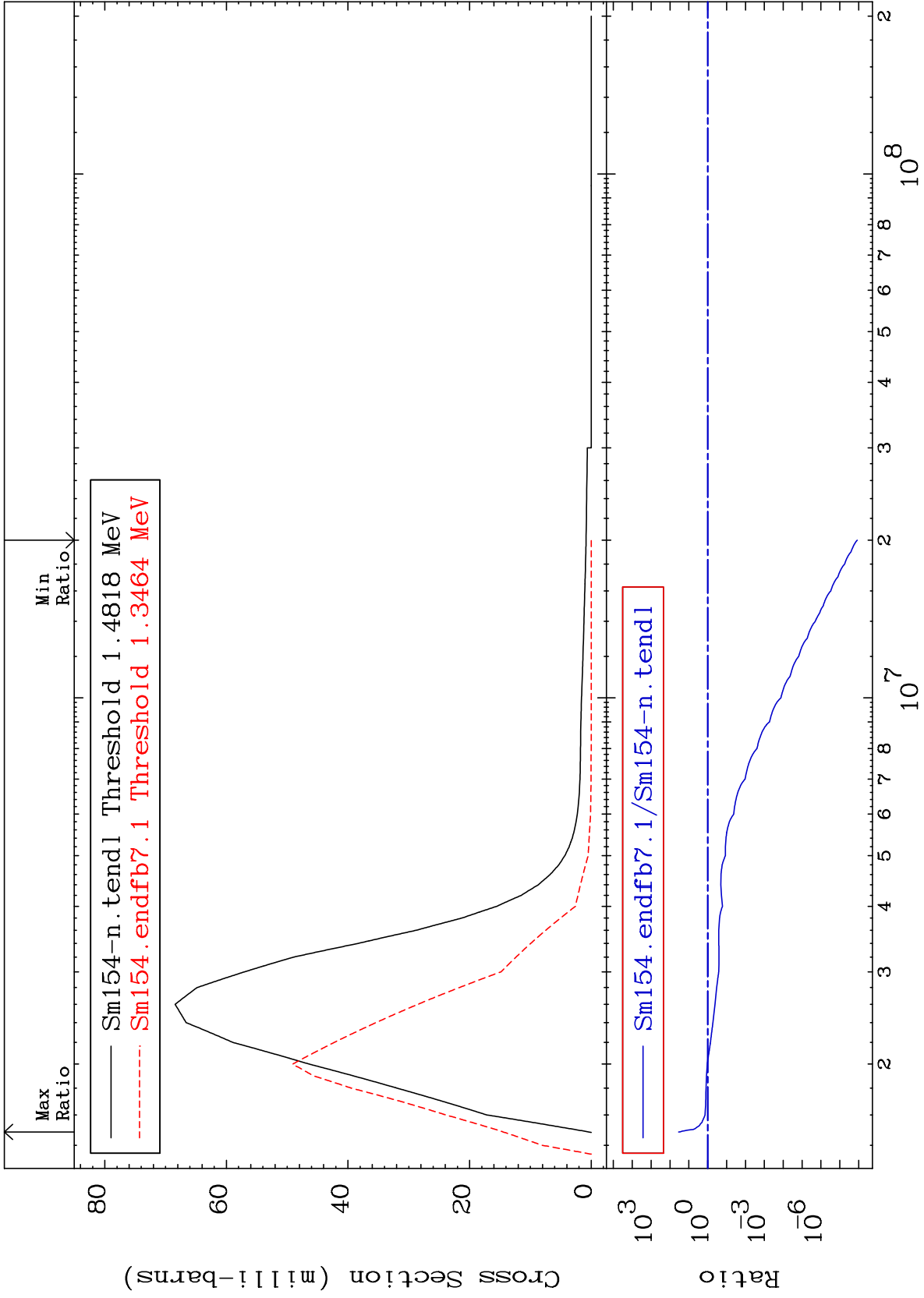
62-Sm-154
-100.0 To 374.8 %



MAT 6255

1.472 MeV (n,n') Level
Cross Section

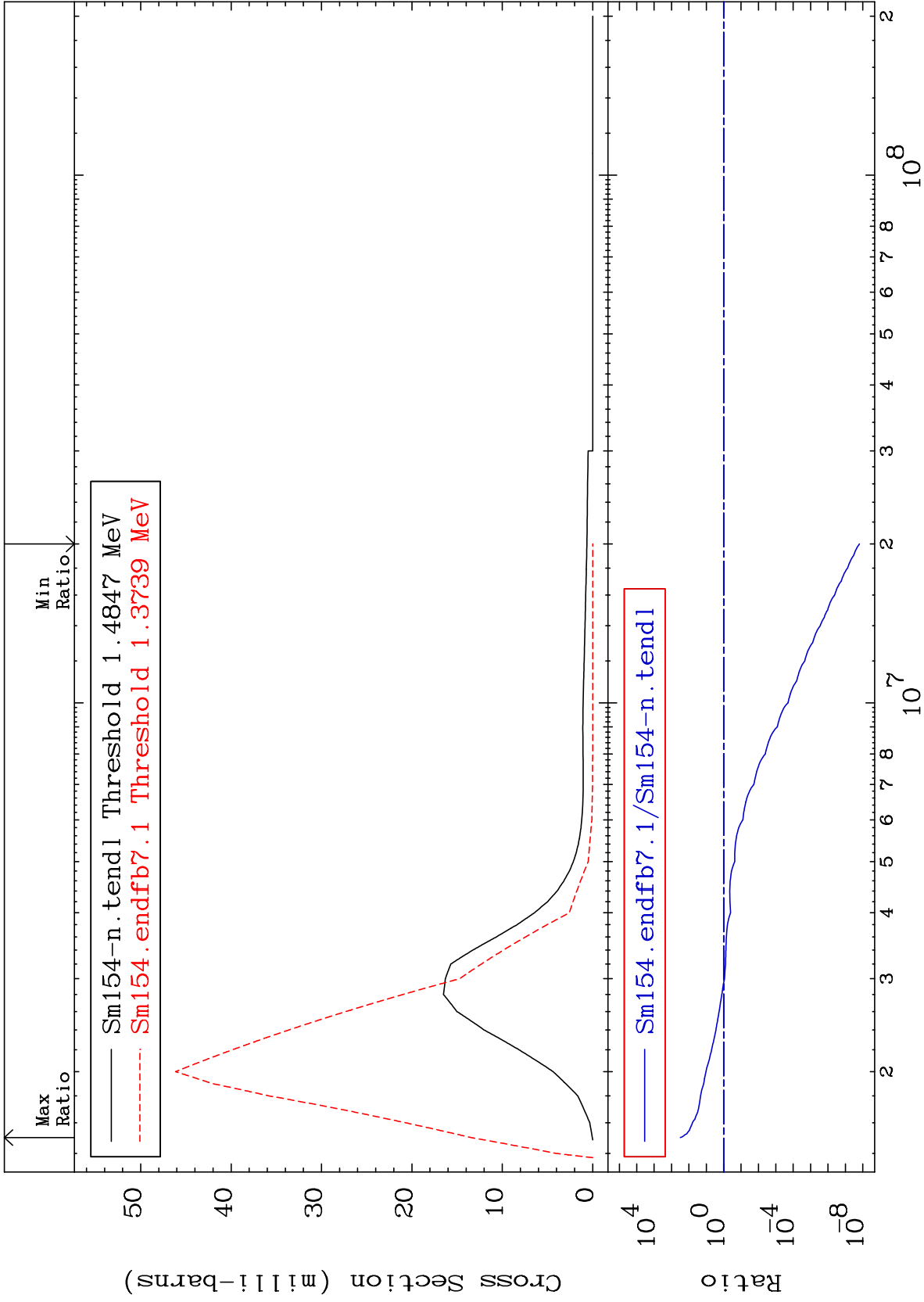
62-Sm-154
-100.0 To 3383. %



MAT 6255

1.475 MeV (n,n') Level
Cross Section

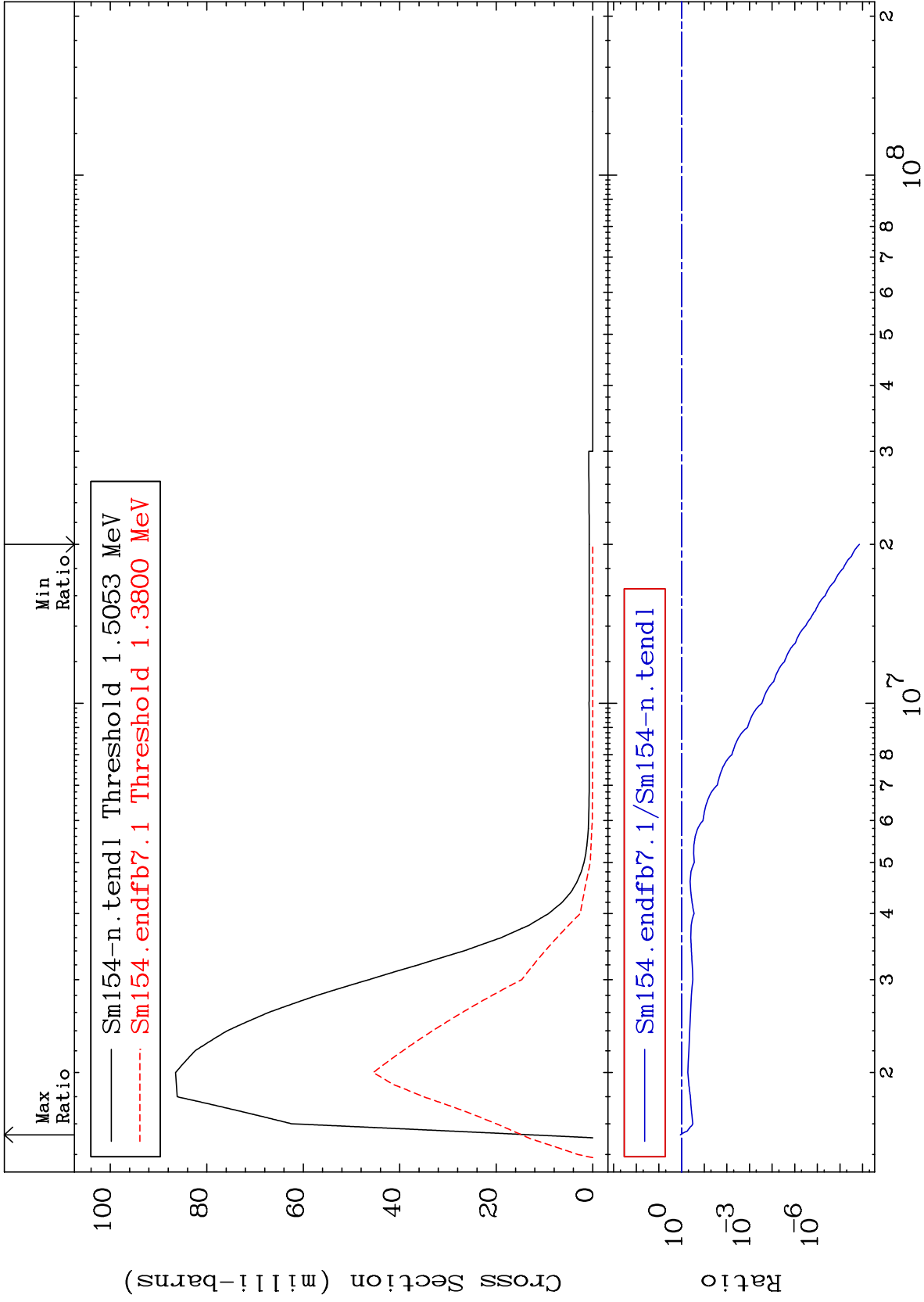
62-Sm-154
-100.0 To 9999. %



MAT 6255

1.495 MeV (n,n') Level
Cross Section

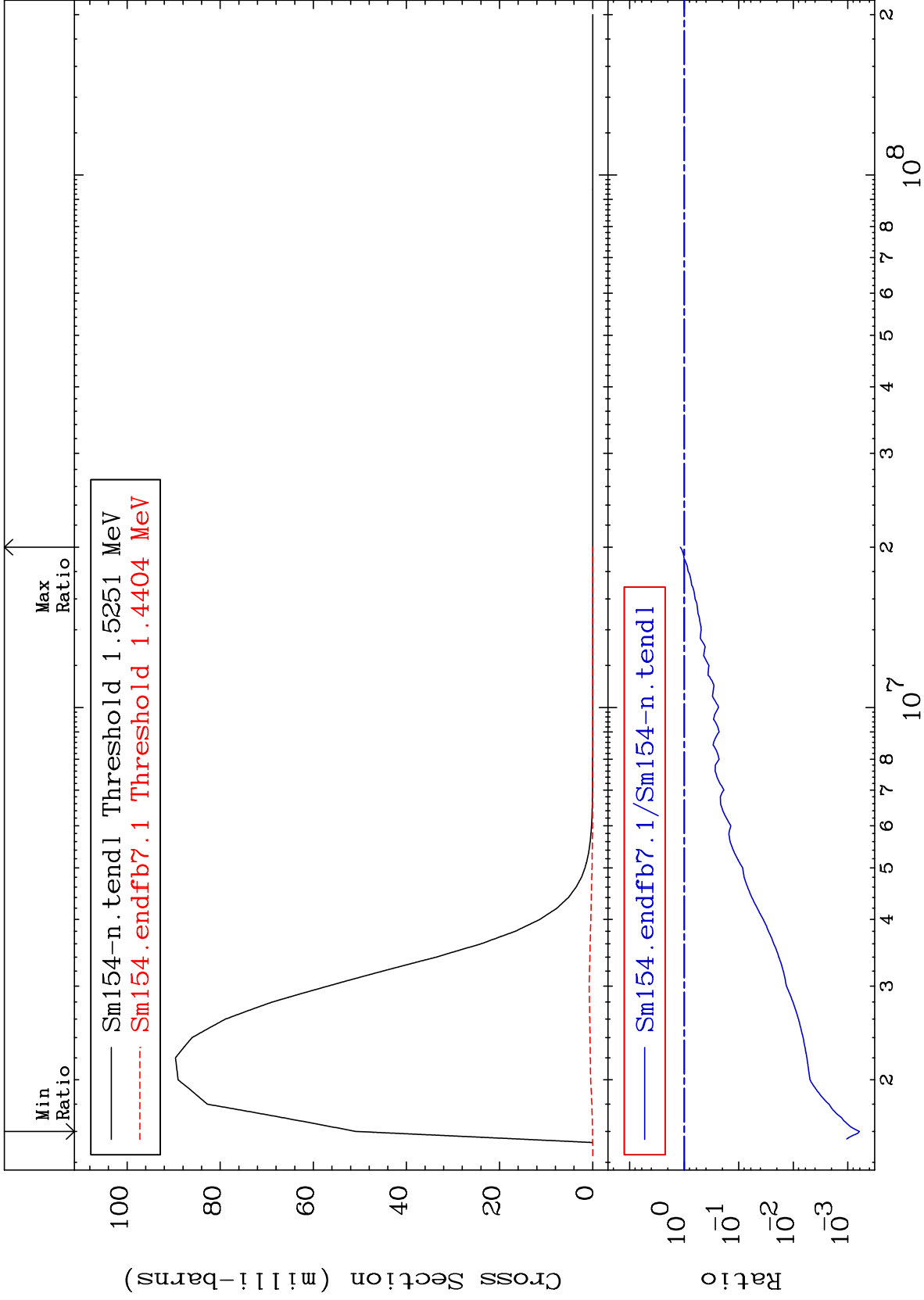
62-Sm-154
-100.0 To 13.00 %

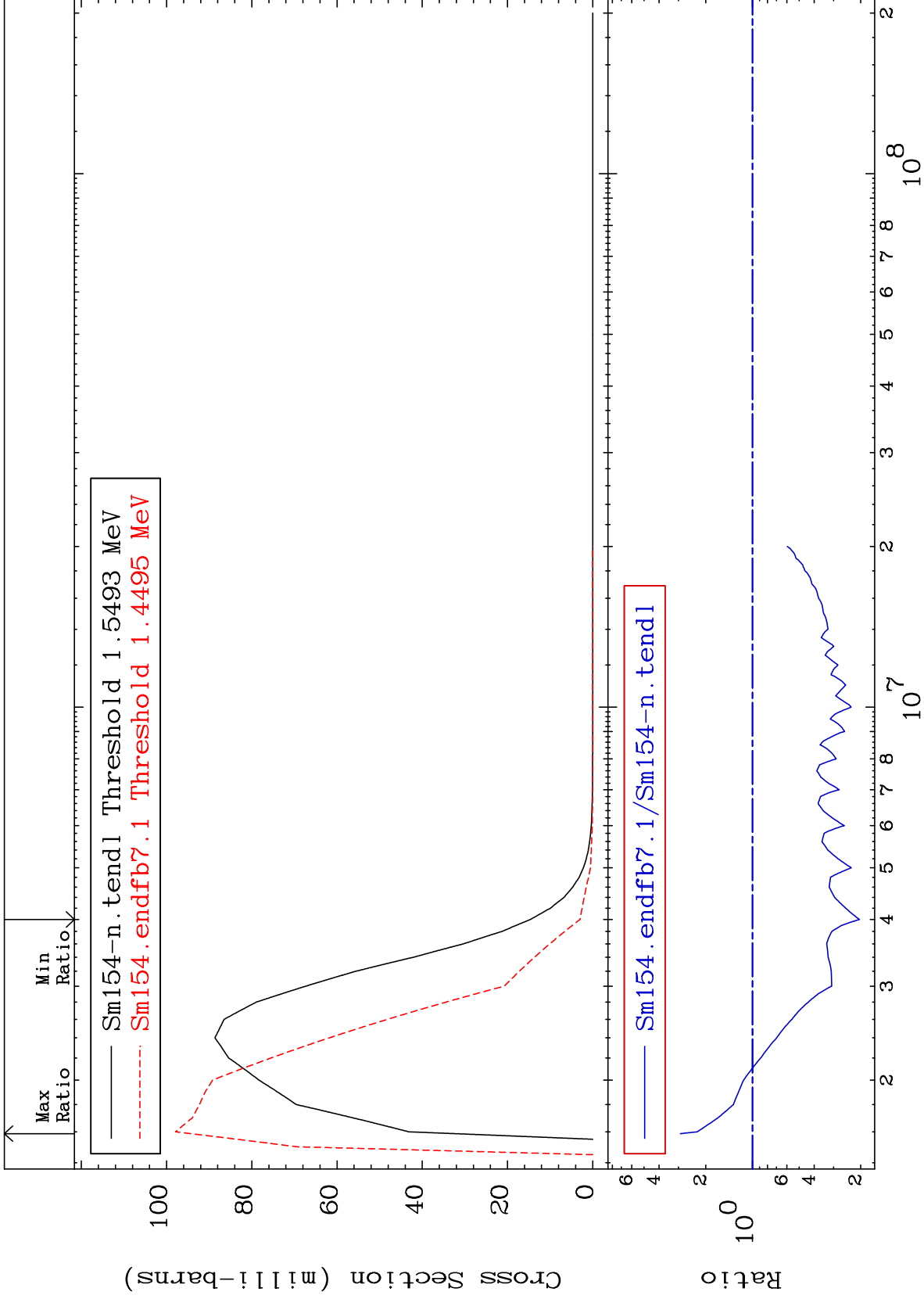


MAT 6255

1.515 MeV (n,n') Level
Cross Section

62-Sm-154
-99.94 To 17.79 %





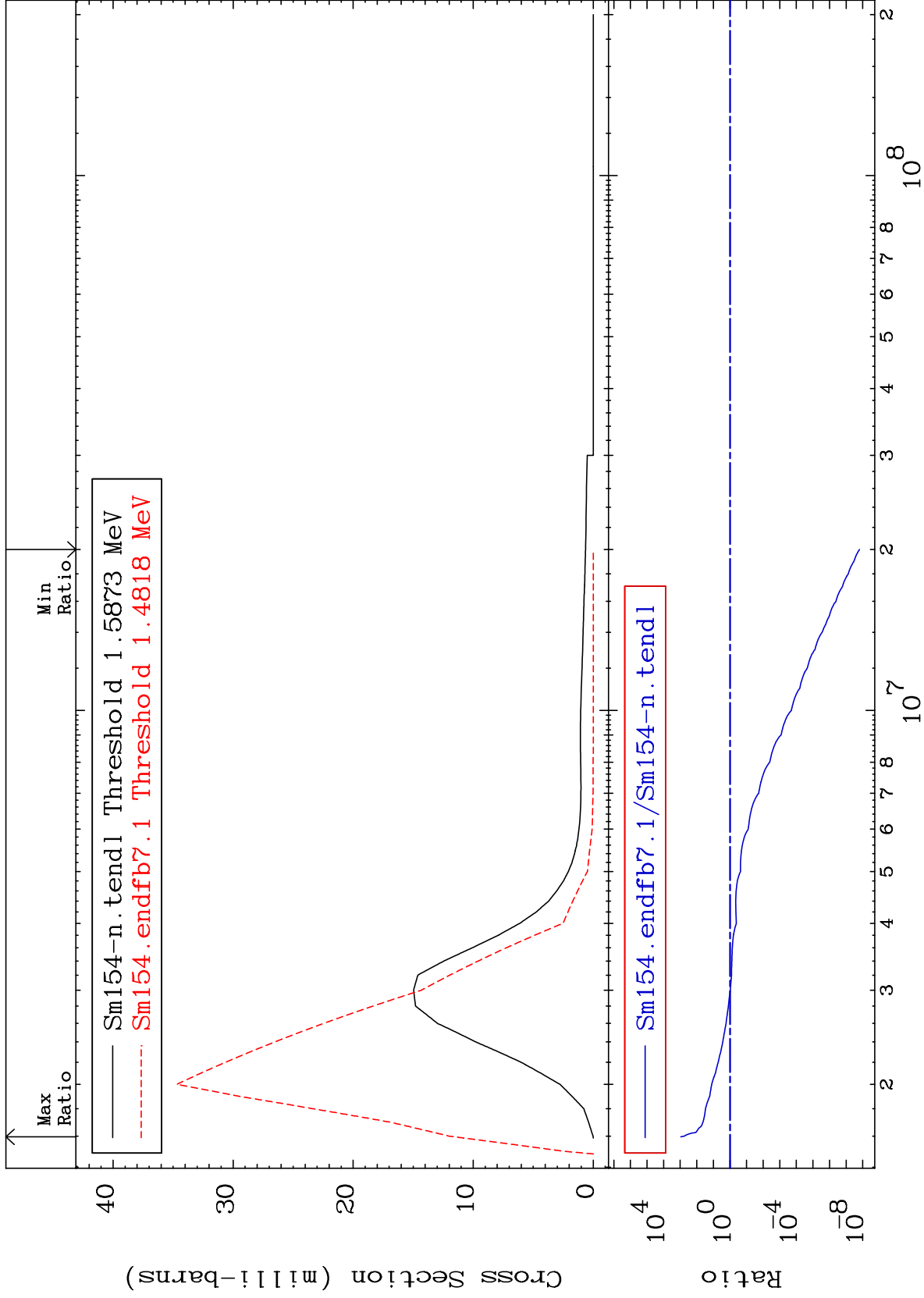
MAT 6255

1.577 MeV (n,n') Level

62-Sm-154

-100.0 To 9999. %

Cross Section



30

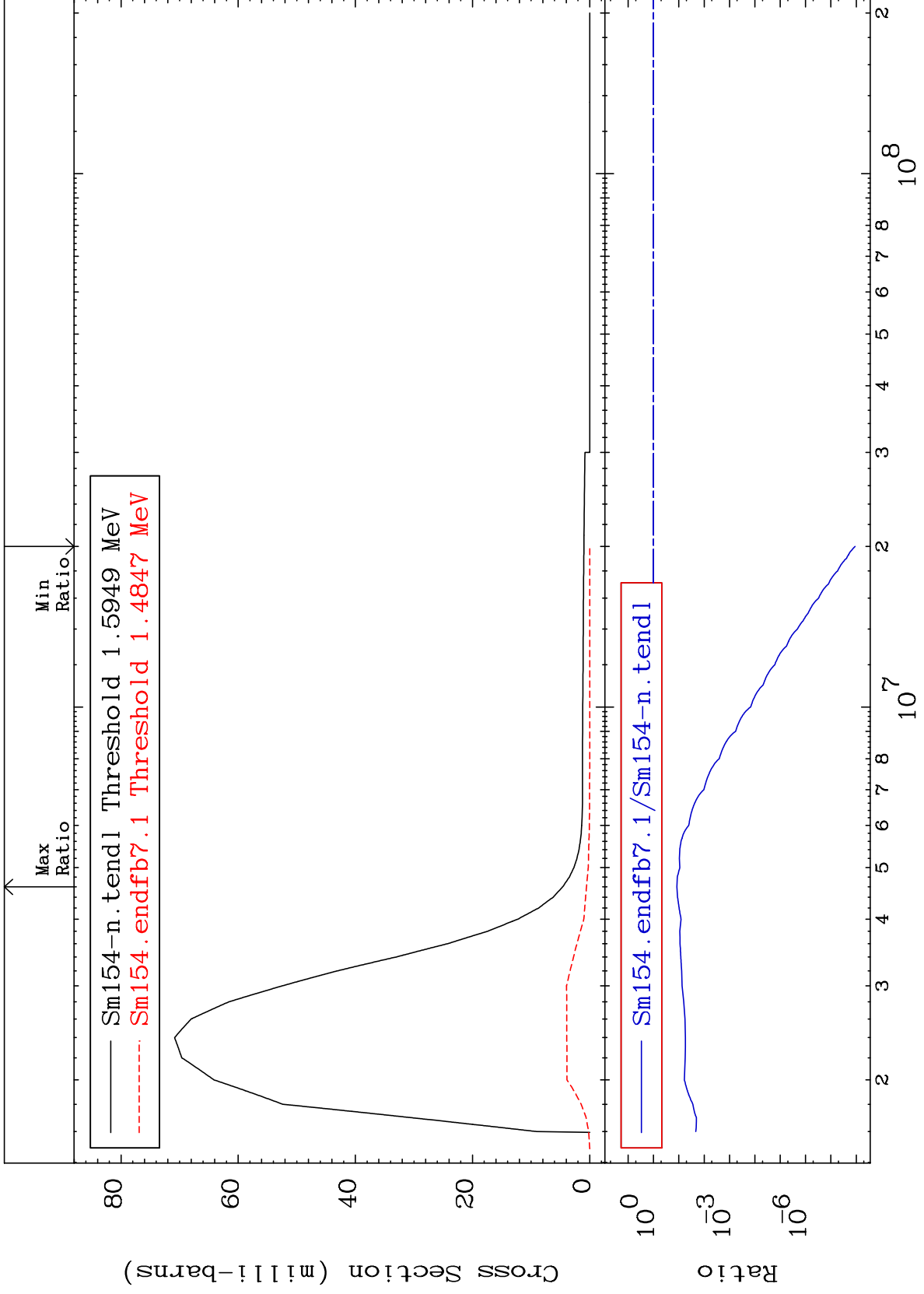
Incident Energy (eV)

62-Sm-154

MAT 6255

1.585 MeV (n,n') Level
Cross Section

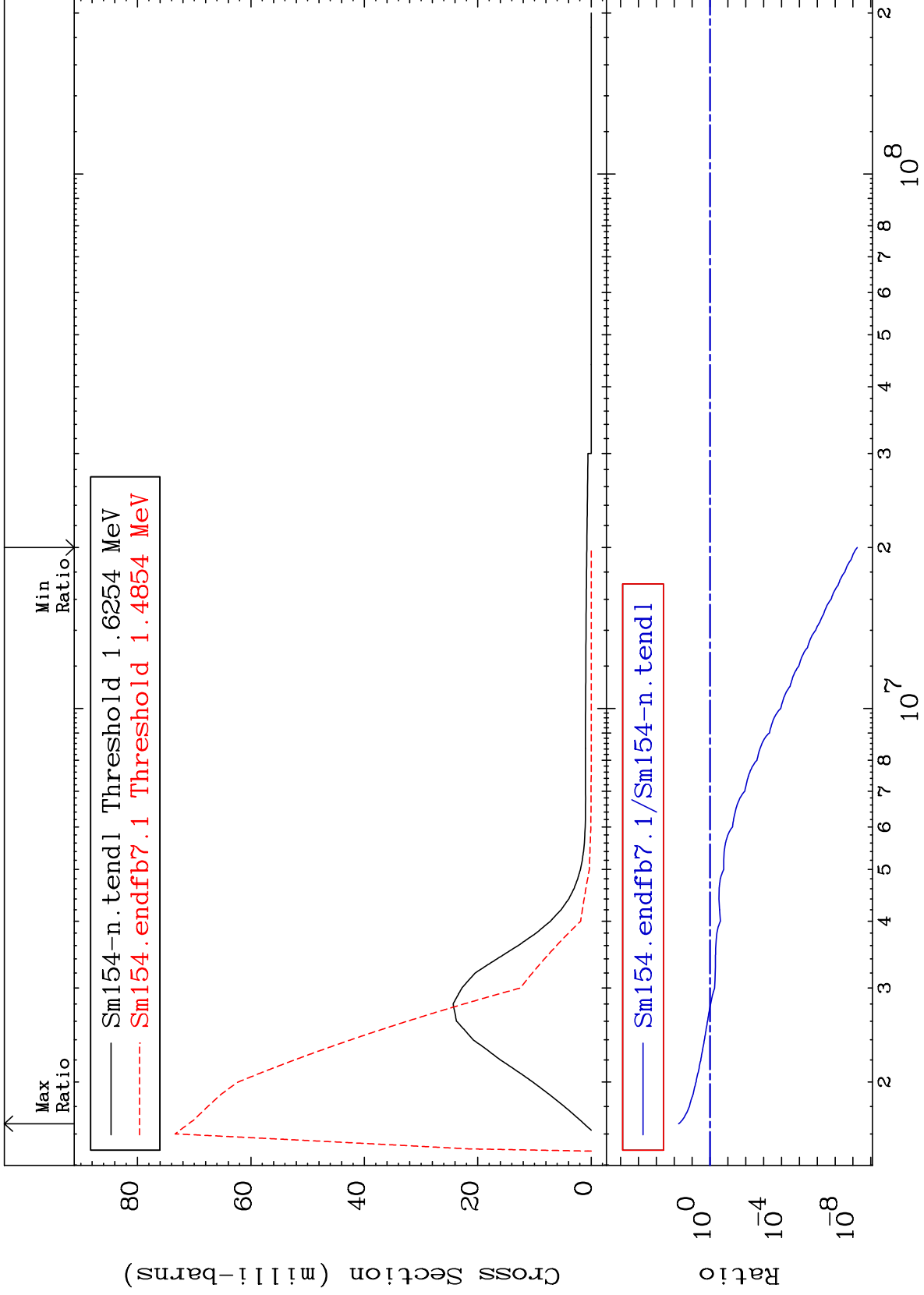
62-Sm-154
-100.0 To -88.13%

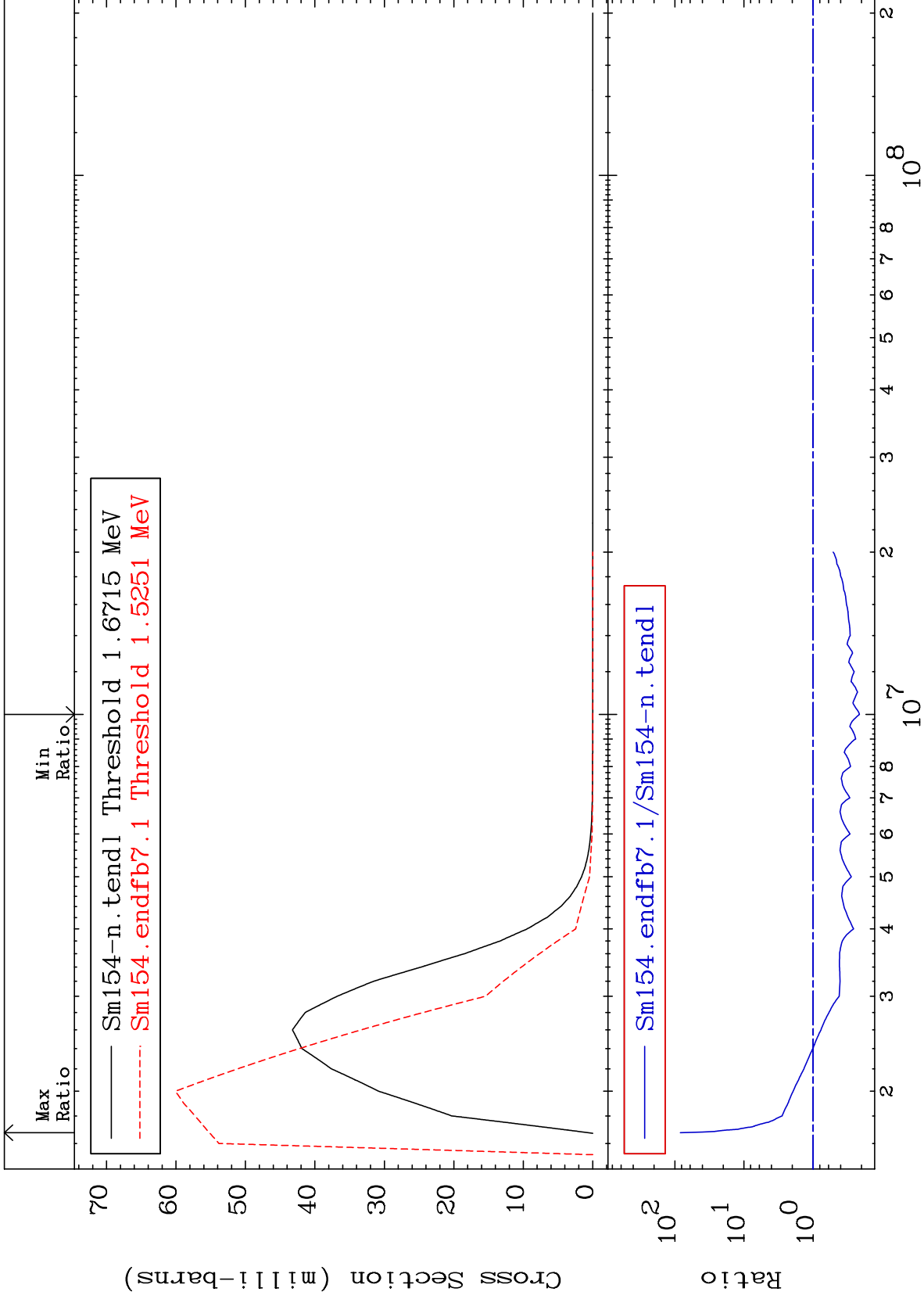


MAT 6255

1.615 MeV (n,n') Level
Cross Section

62-Sm-154
-100.0 To 5568. %

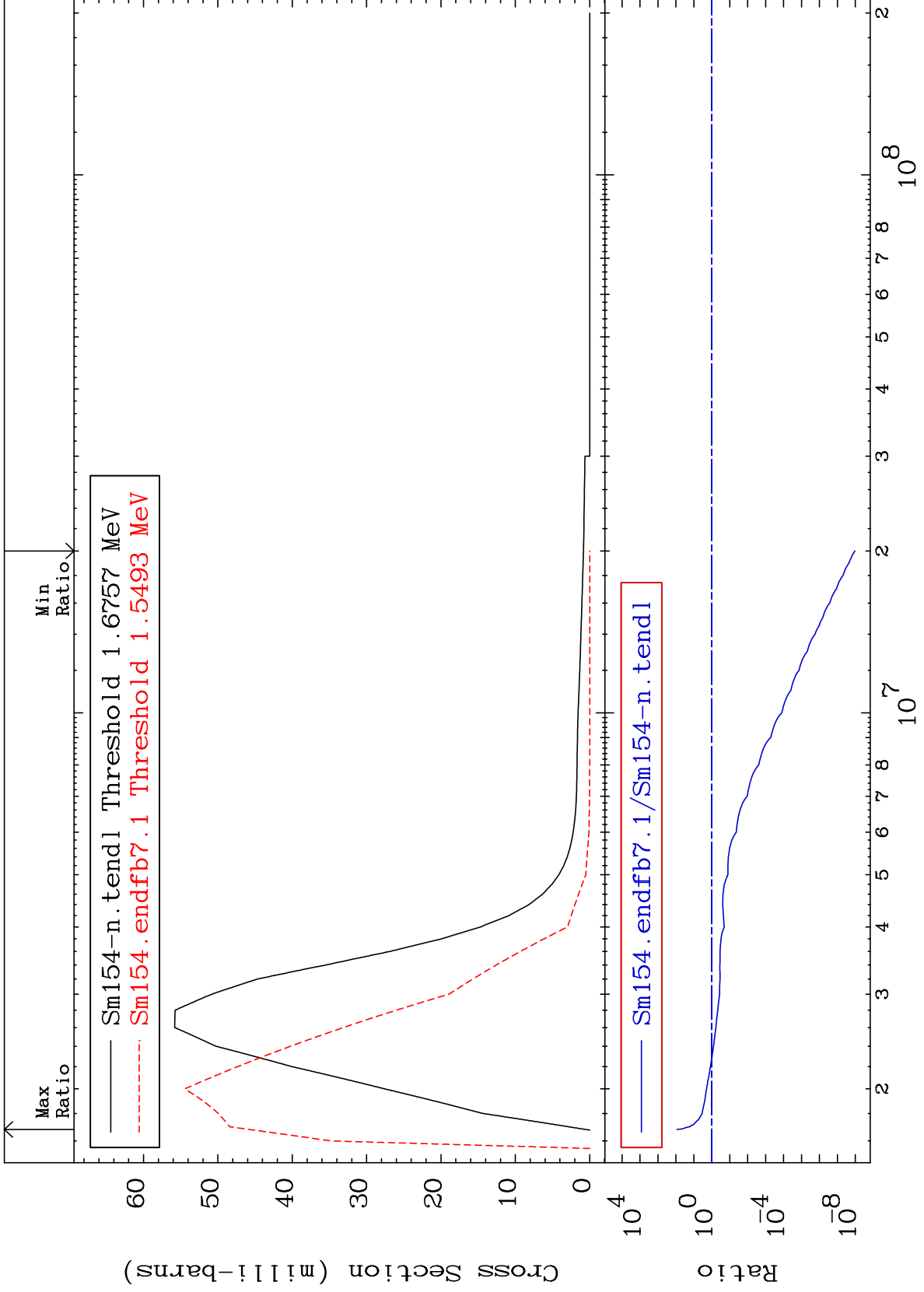


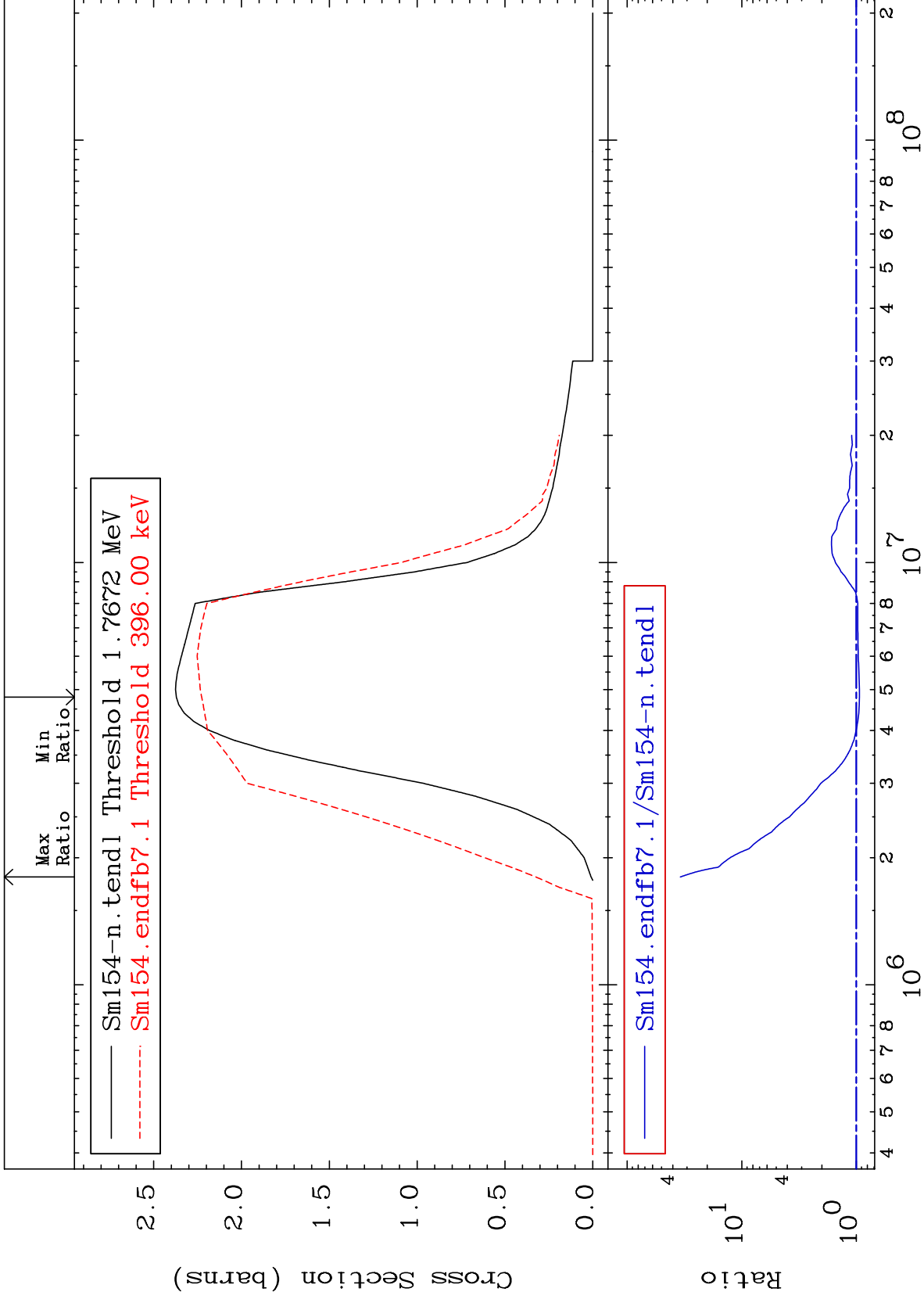


MAT 6255

1.665 MeV (n,n') Level
Cross Section

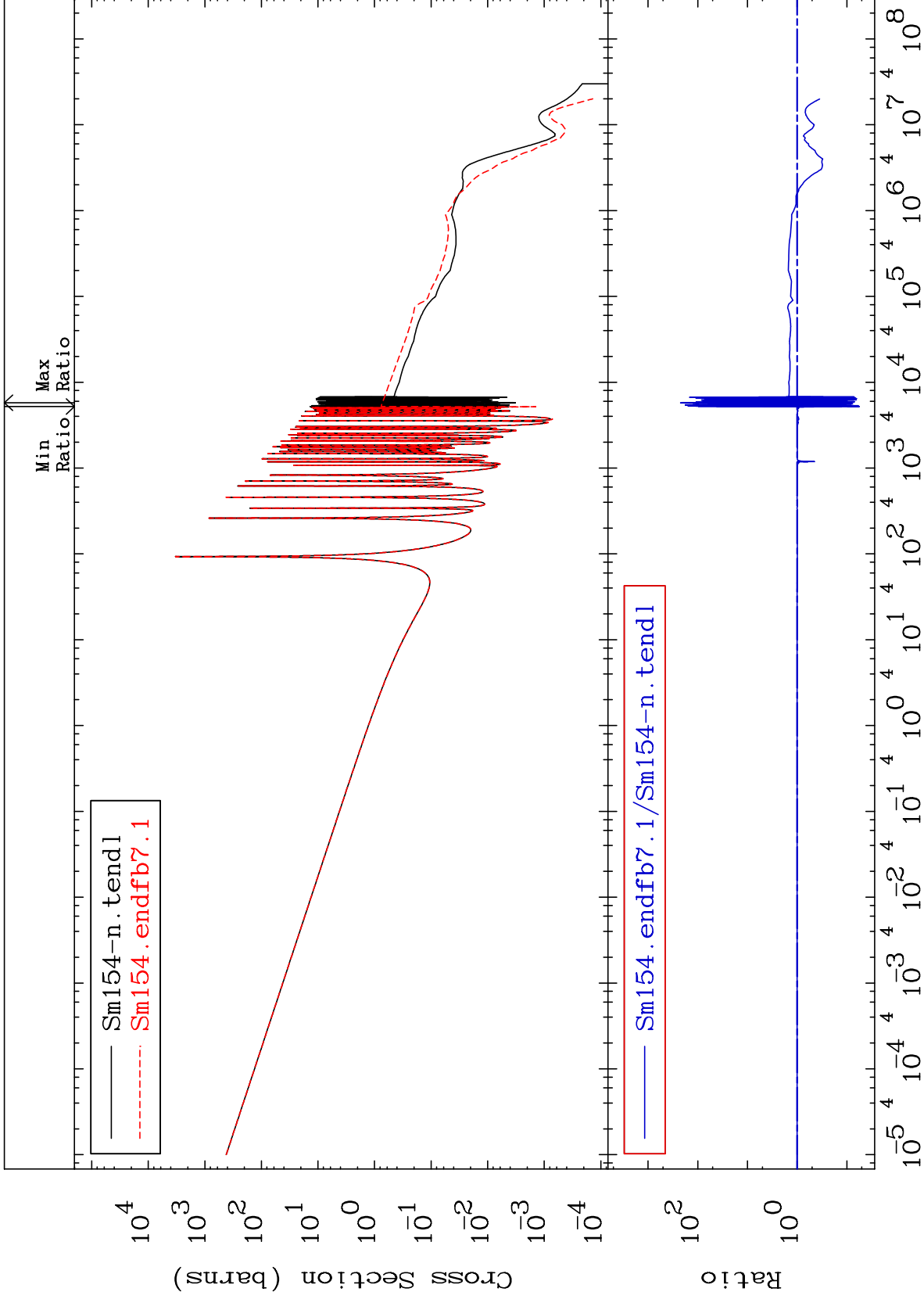
62-Sm-154
-100.0 To 8692. %





Cross Section

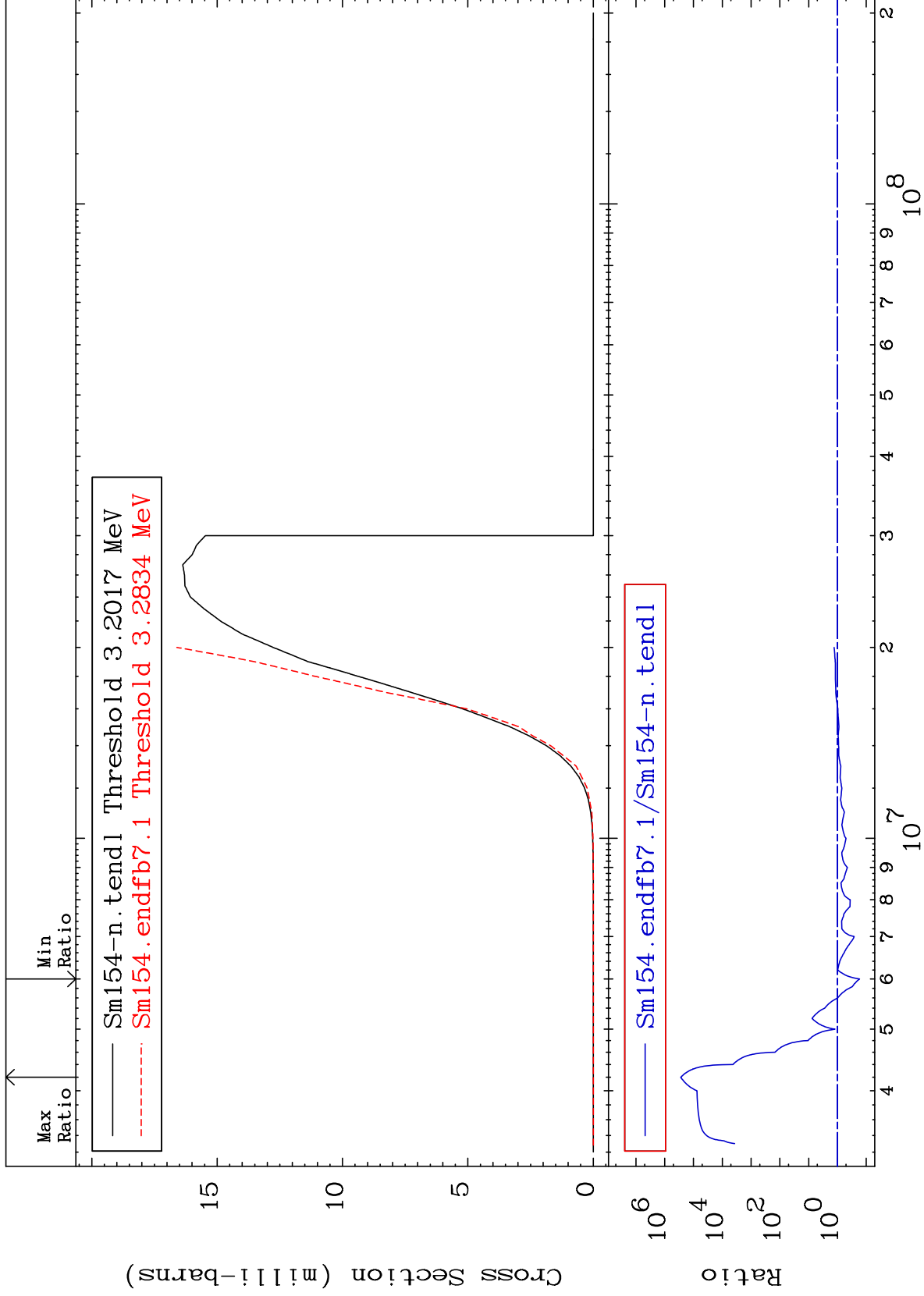
-94.42 To 9999. %



MAT 6255

(n,p)
Cross Section

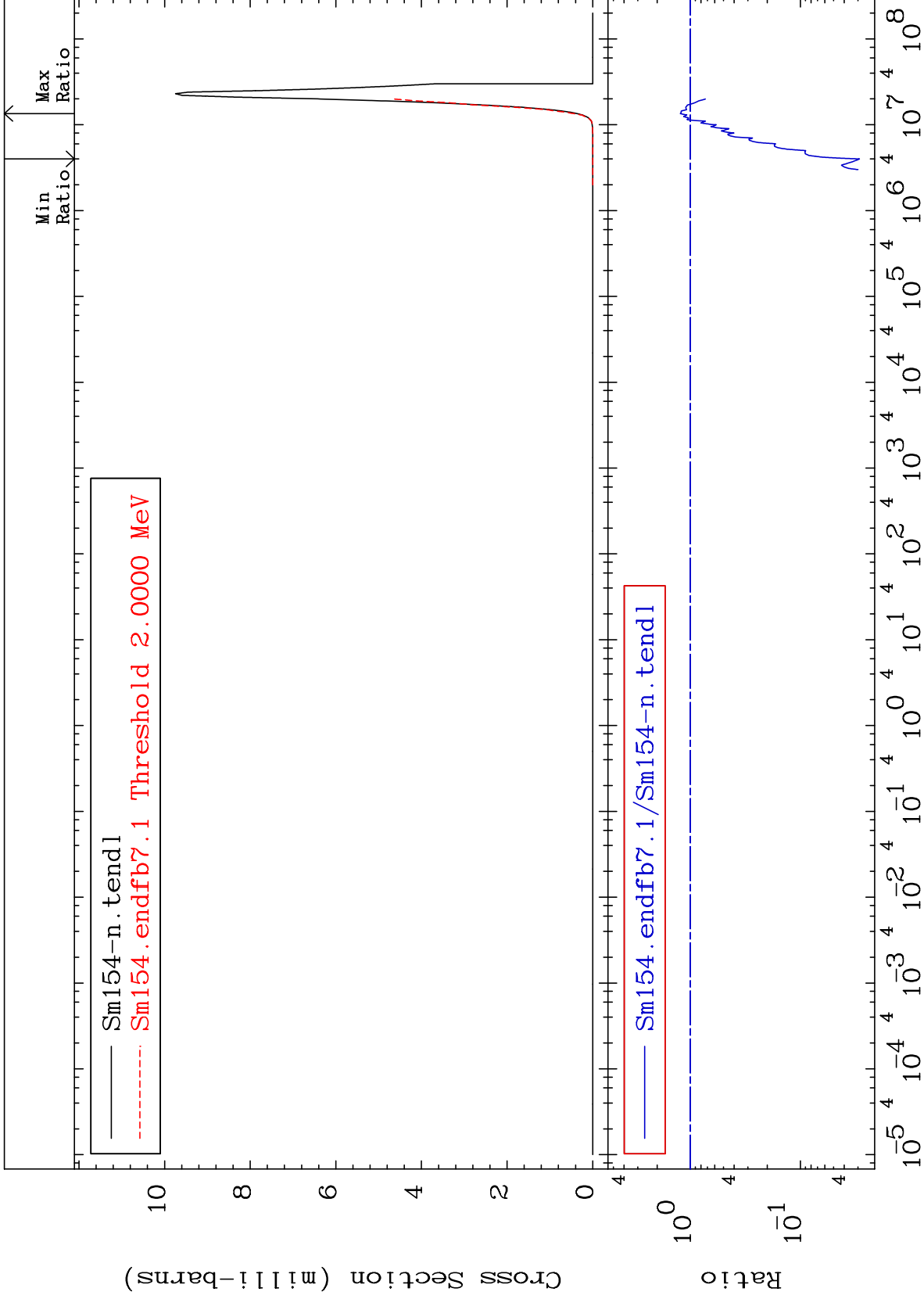
62-Sm-154
-82.93 To 9999. %

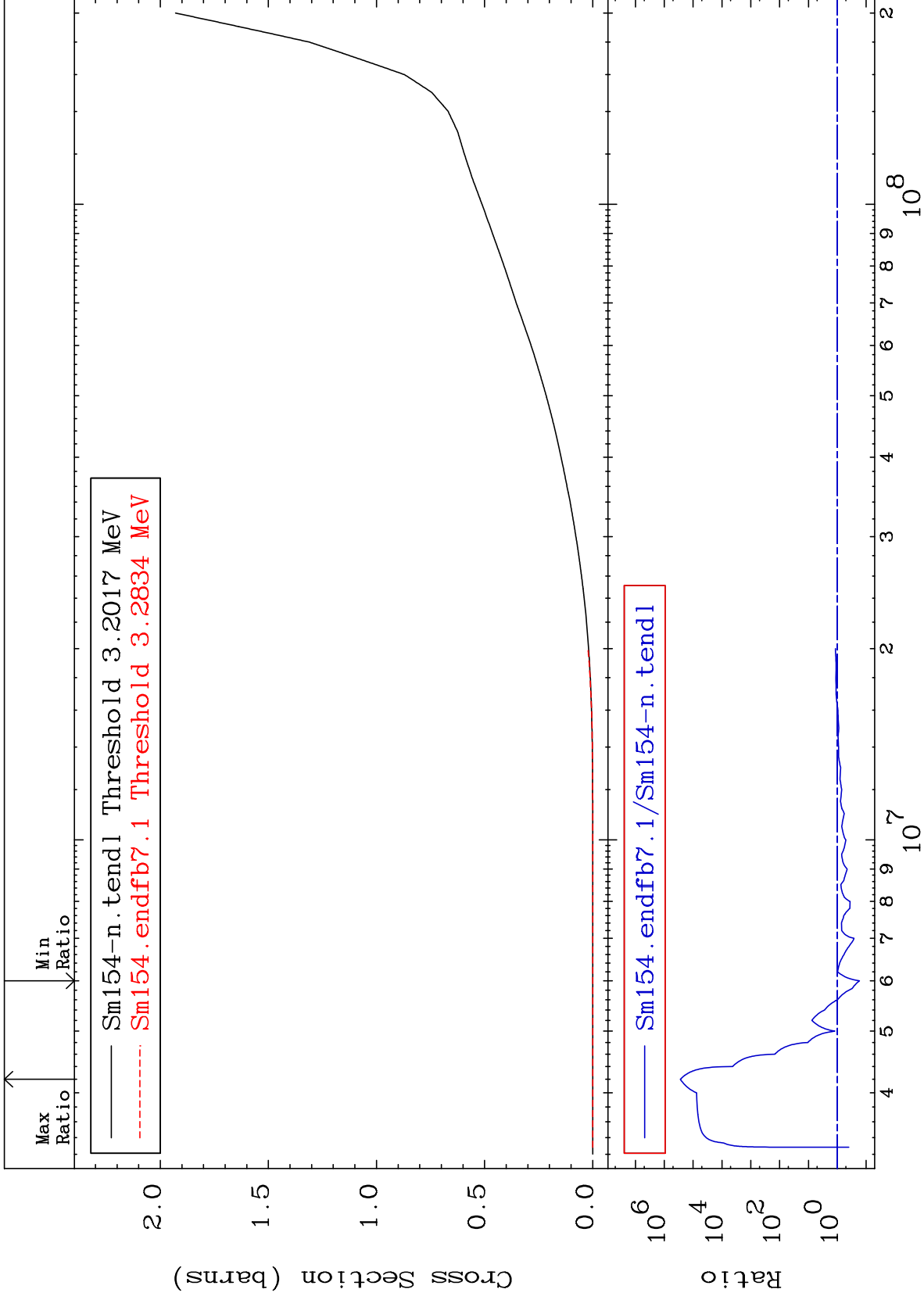


MAT 6255

(n, α)
Cross Section

62-Sm-154
-97.09 To 23.18 %

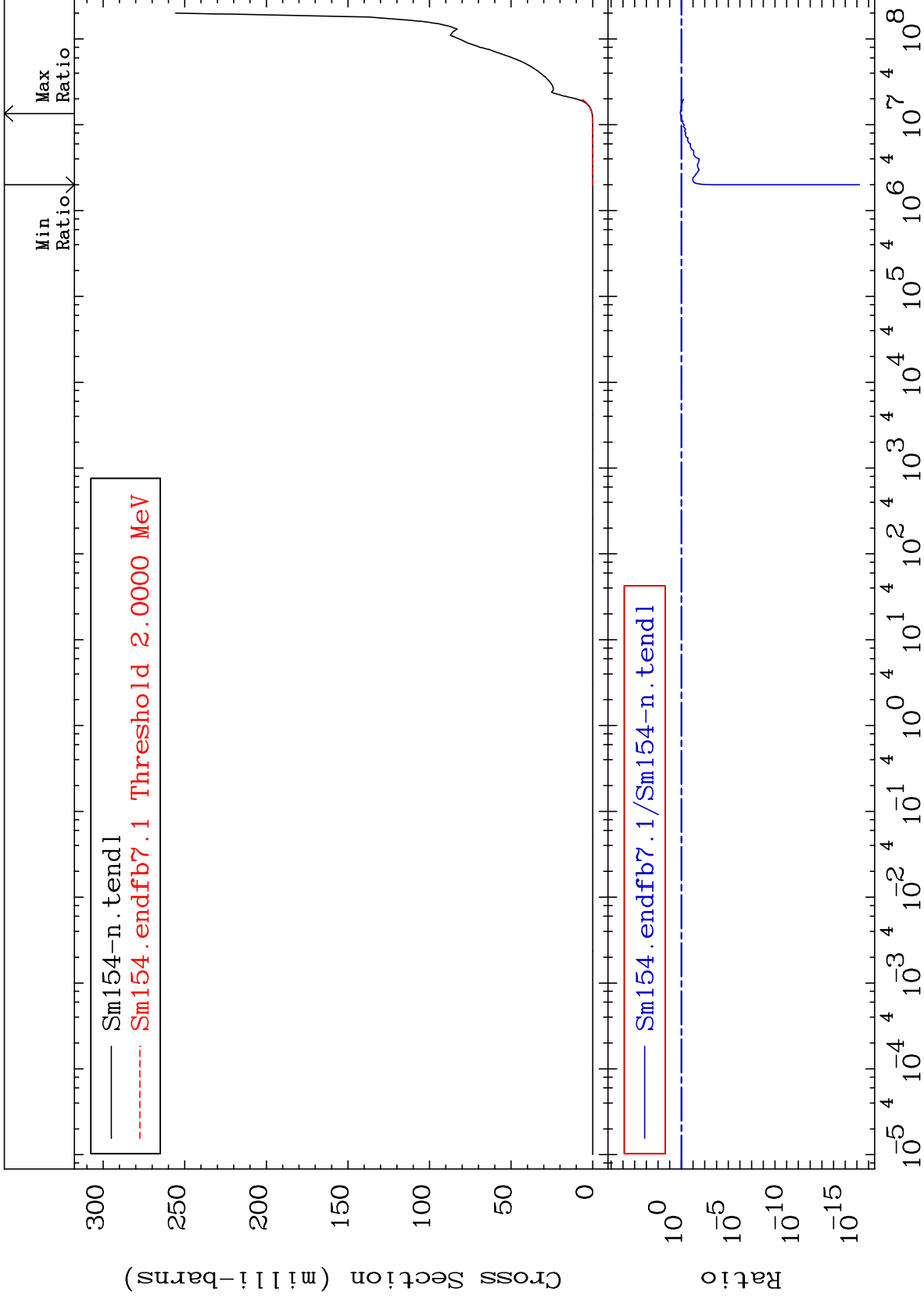




MAT 6255

He-4 Production
Cross Section

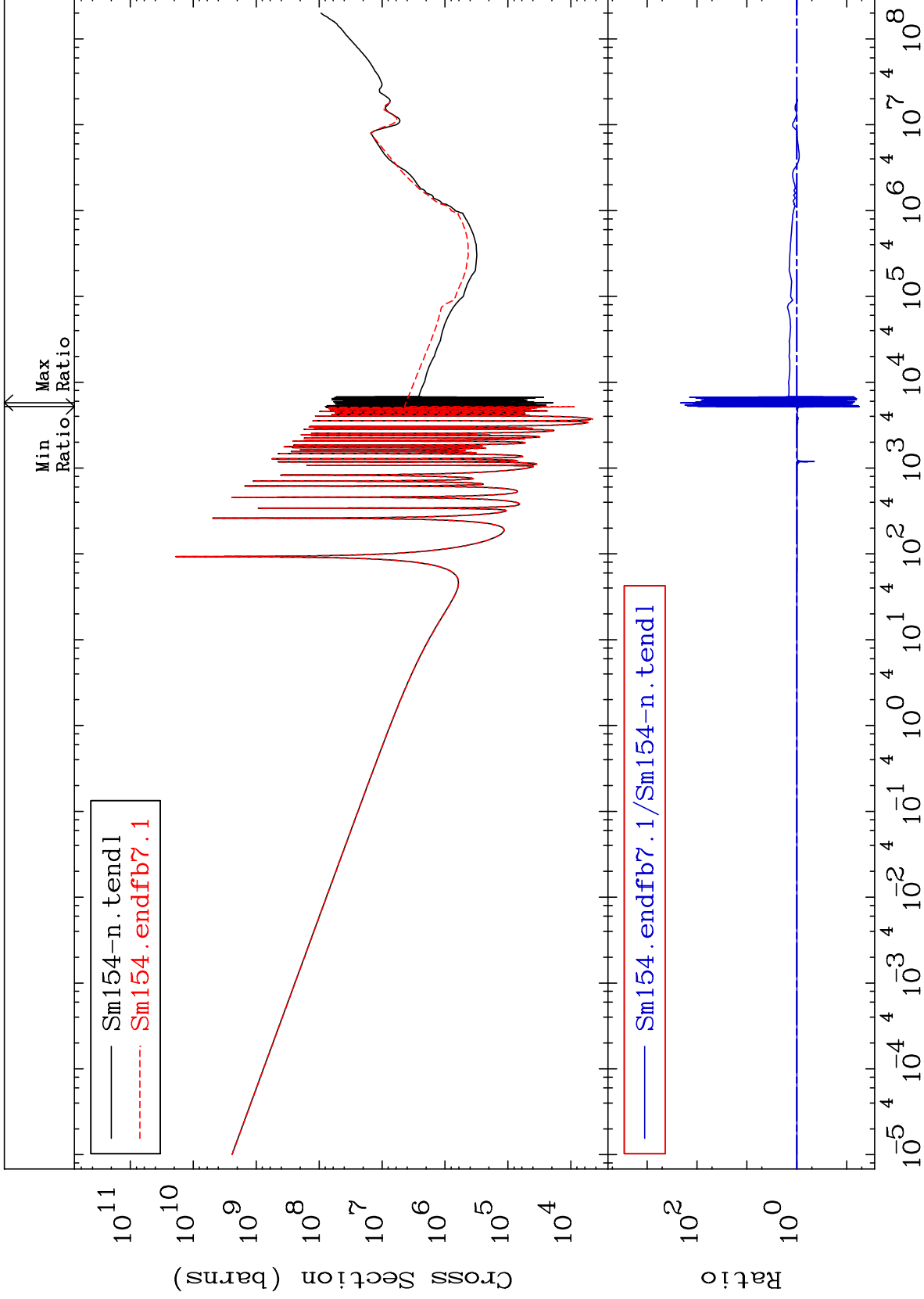
62-Sm-154
-100.0 To 22.61 %



40

Incident Energy (eV)

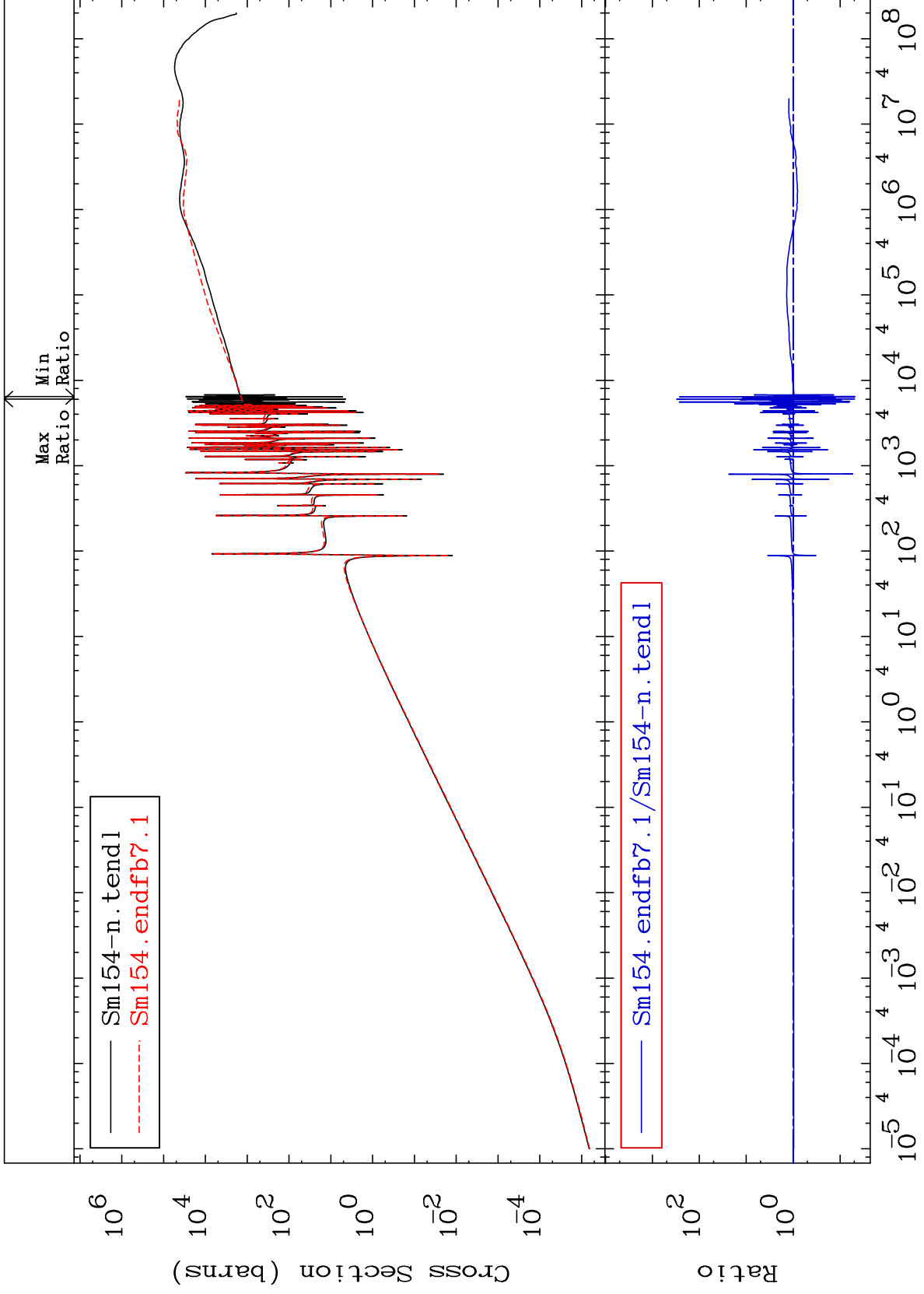
62-Sm-154

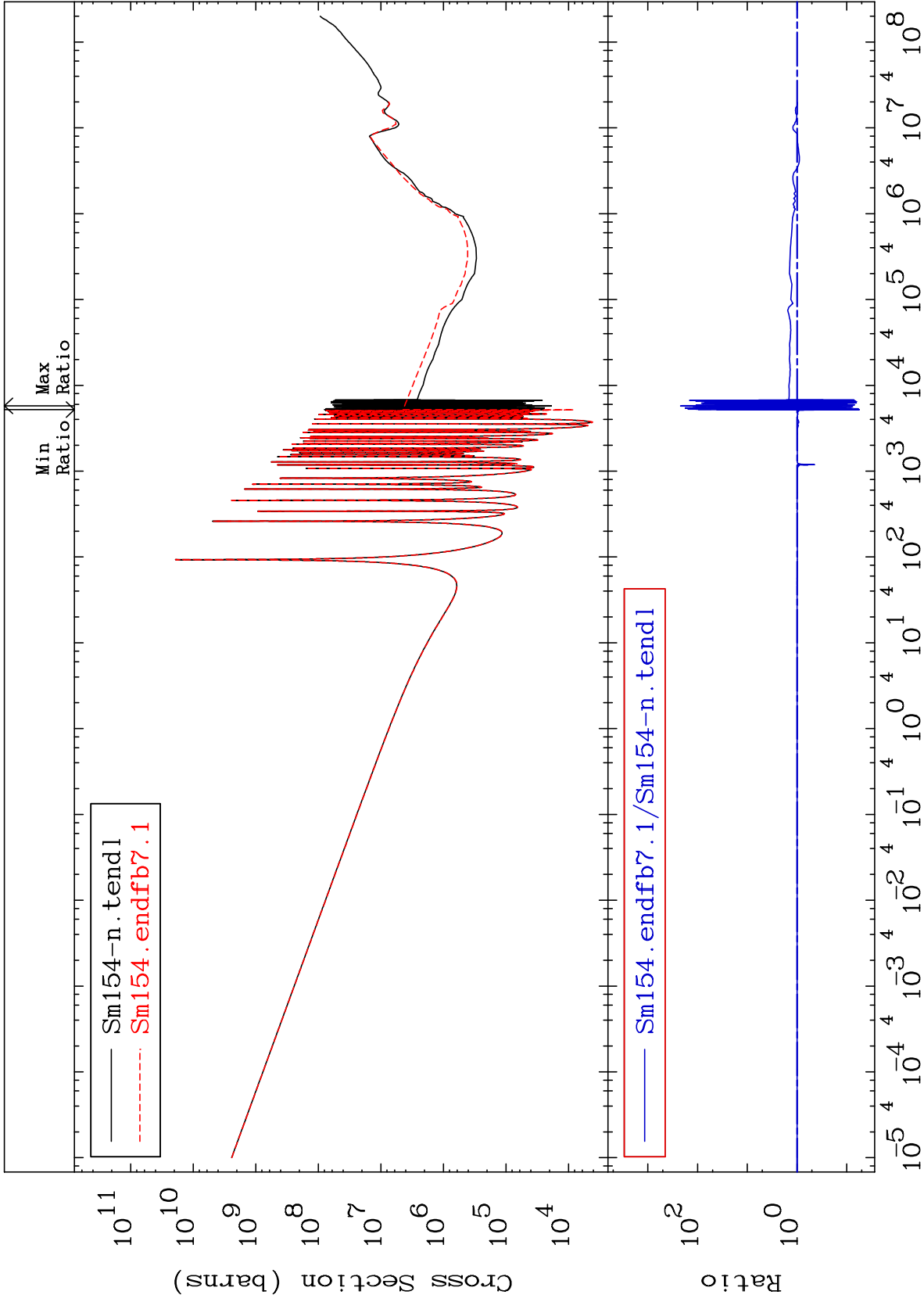


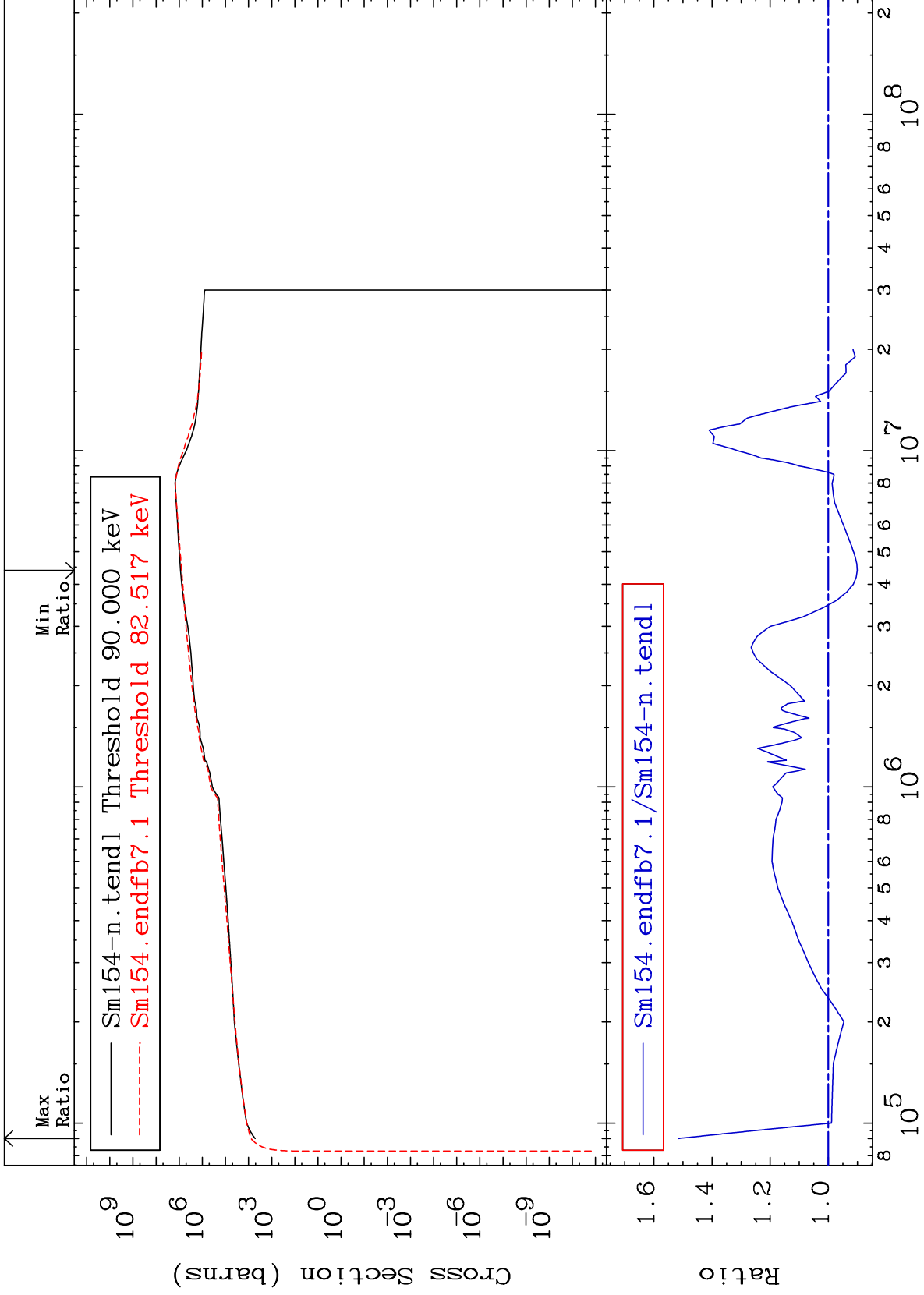
MAT 6255

Kerma elastic
Cross Section

62-Sm-154
-95.22 To 9999. %



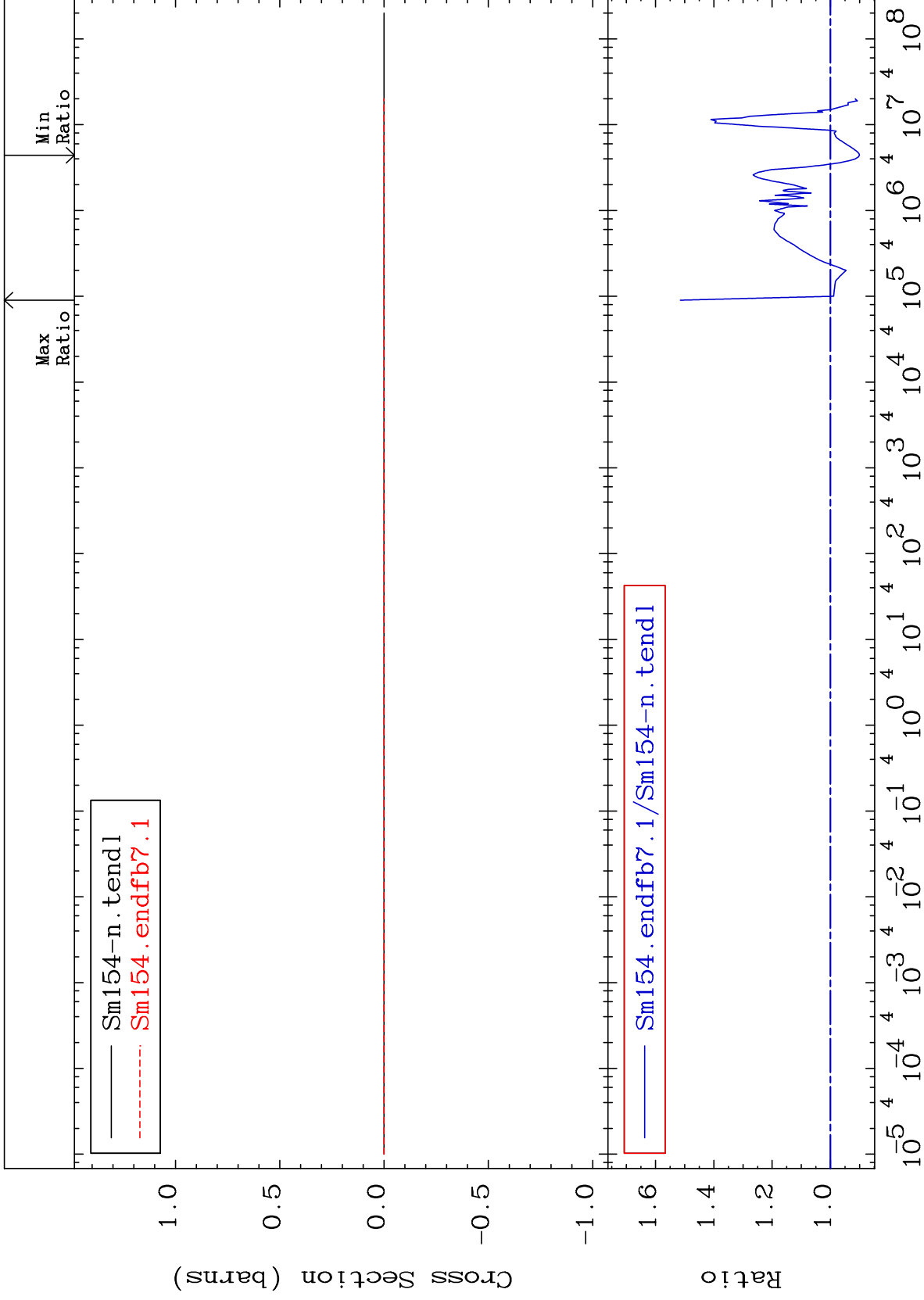


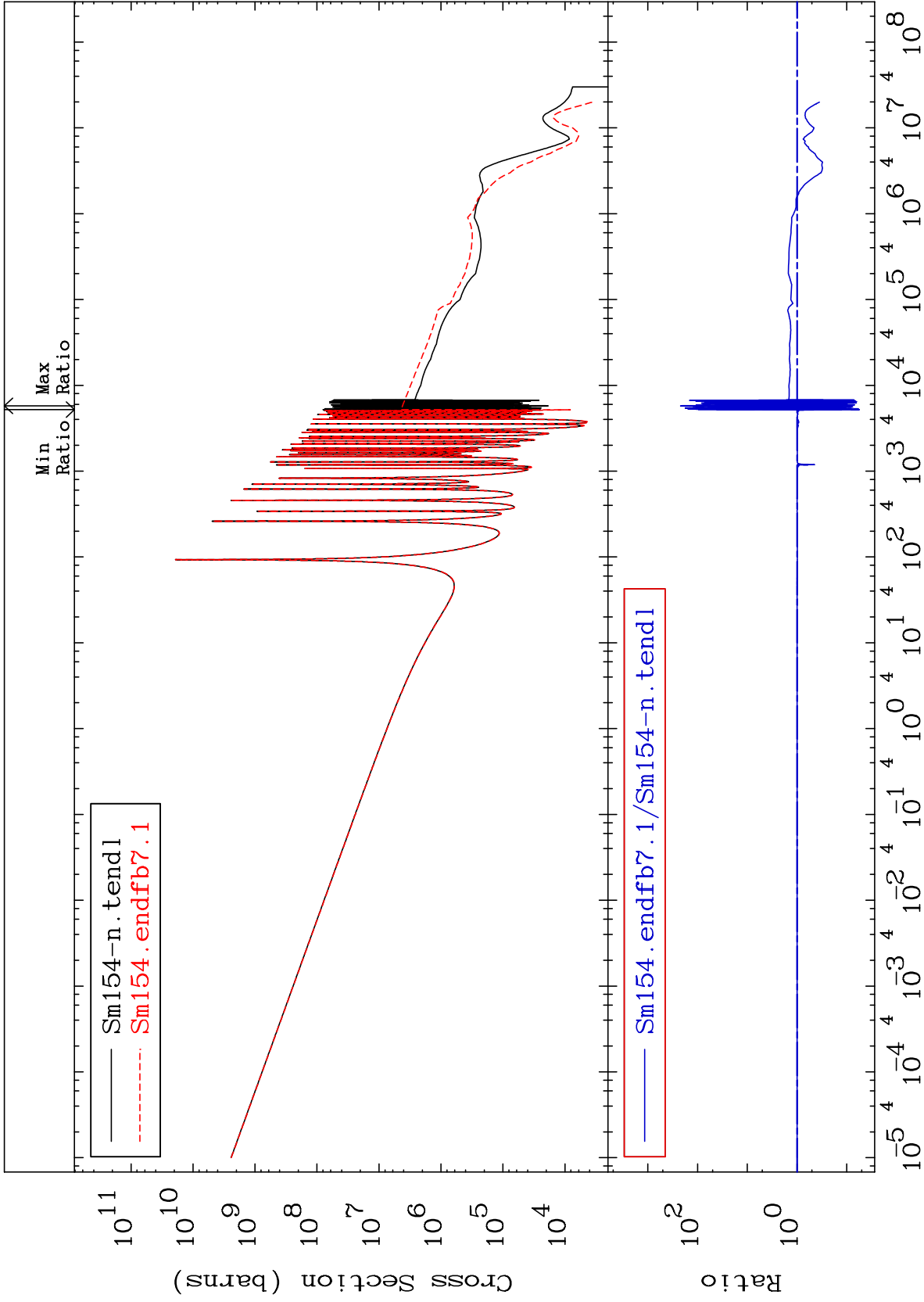


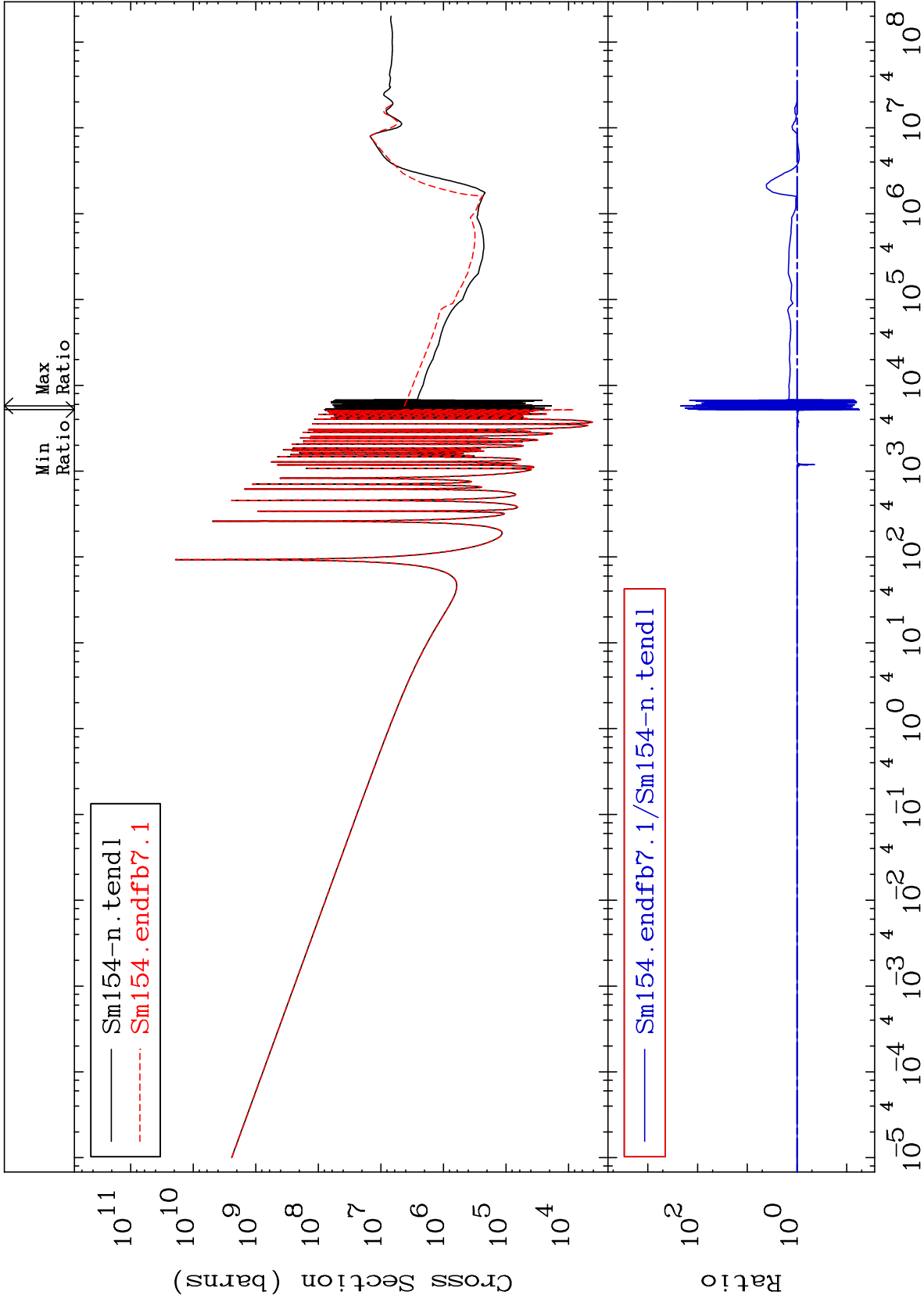
MAT 6255

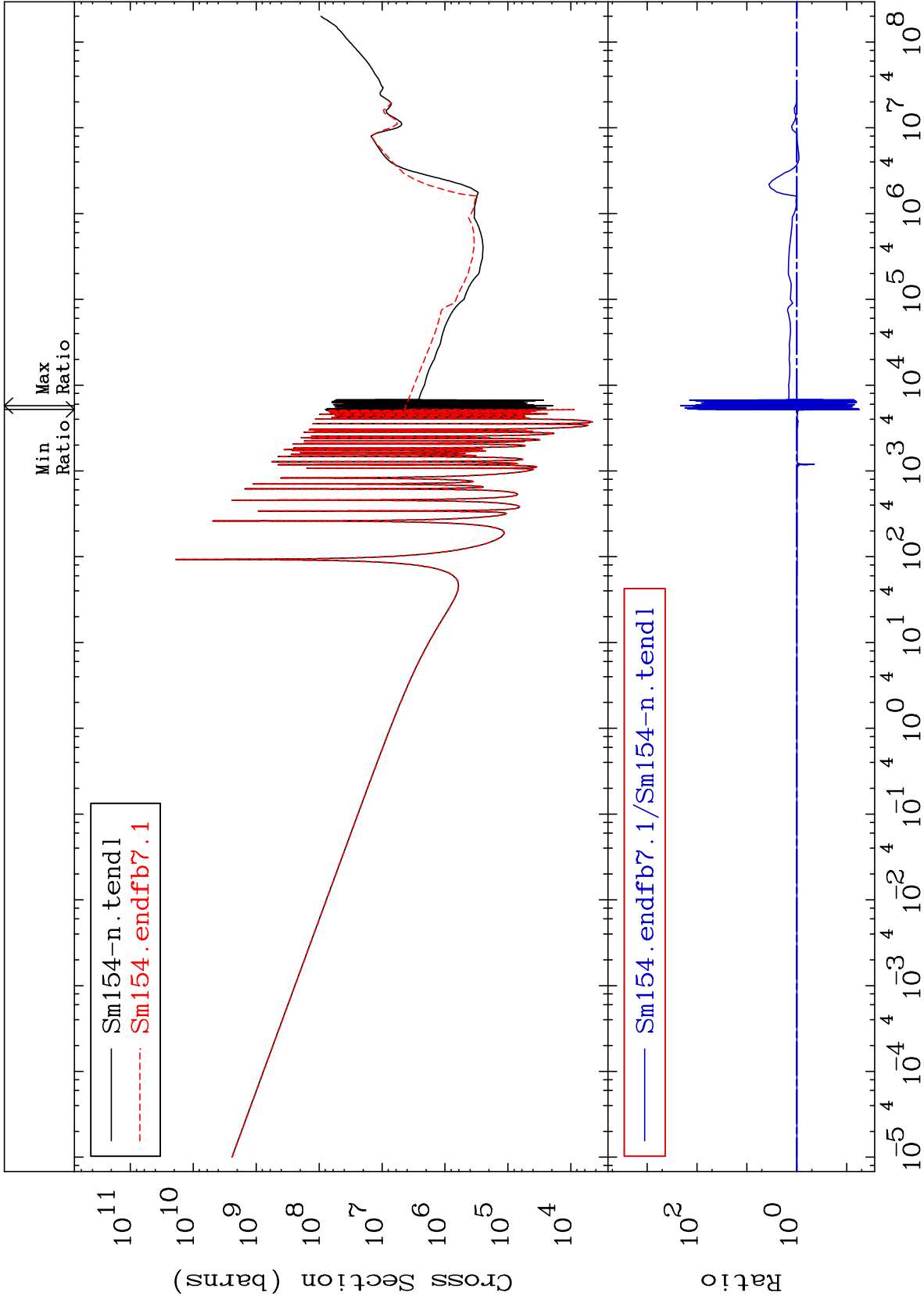
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

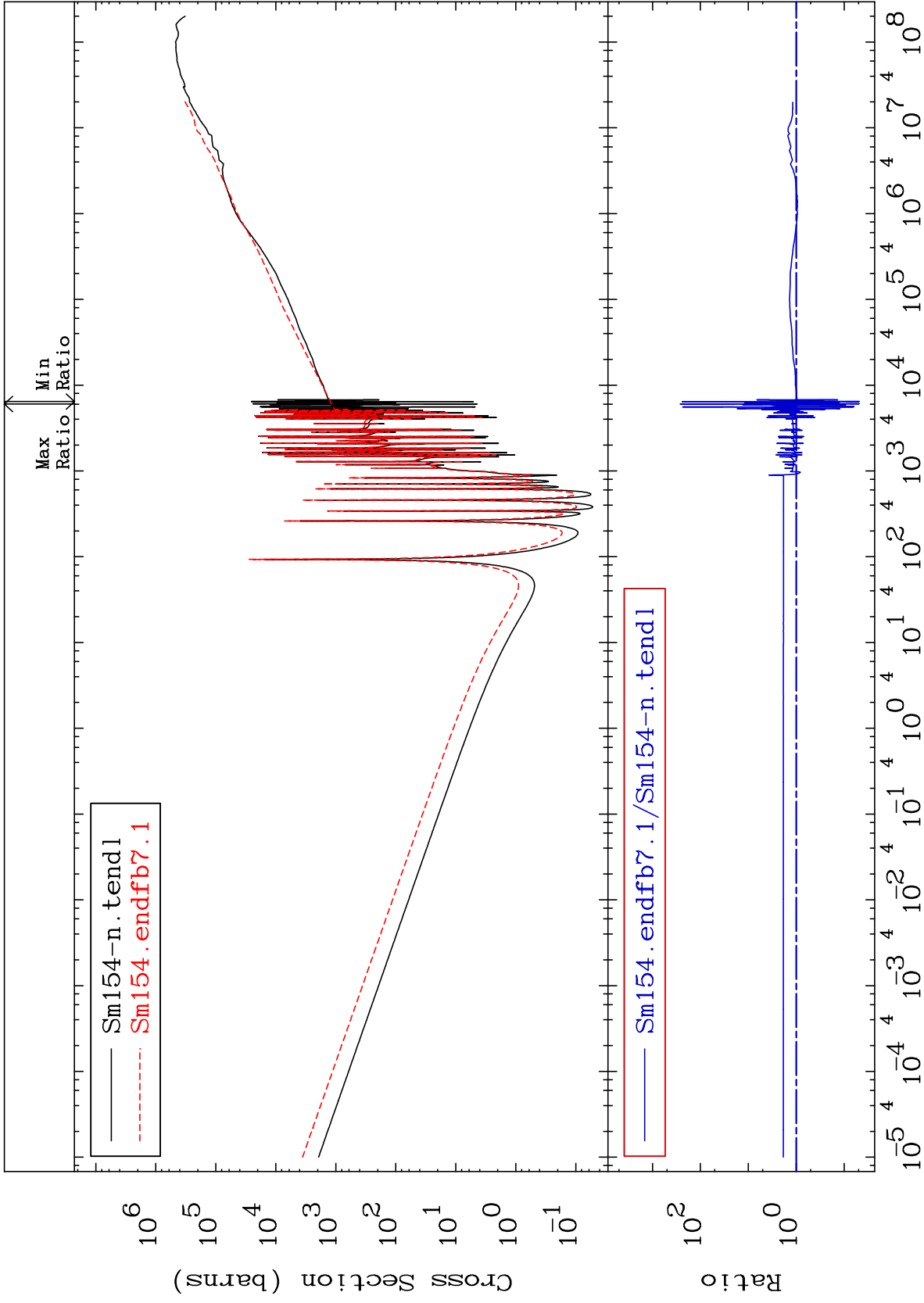
62-Sm-154
-9.910 To 51.46 %







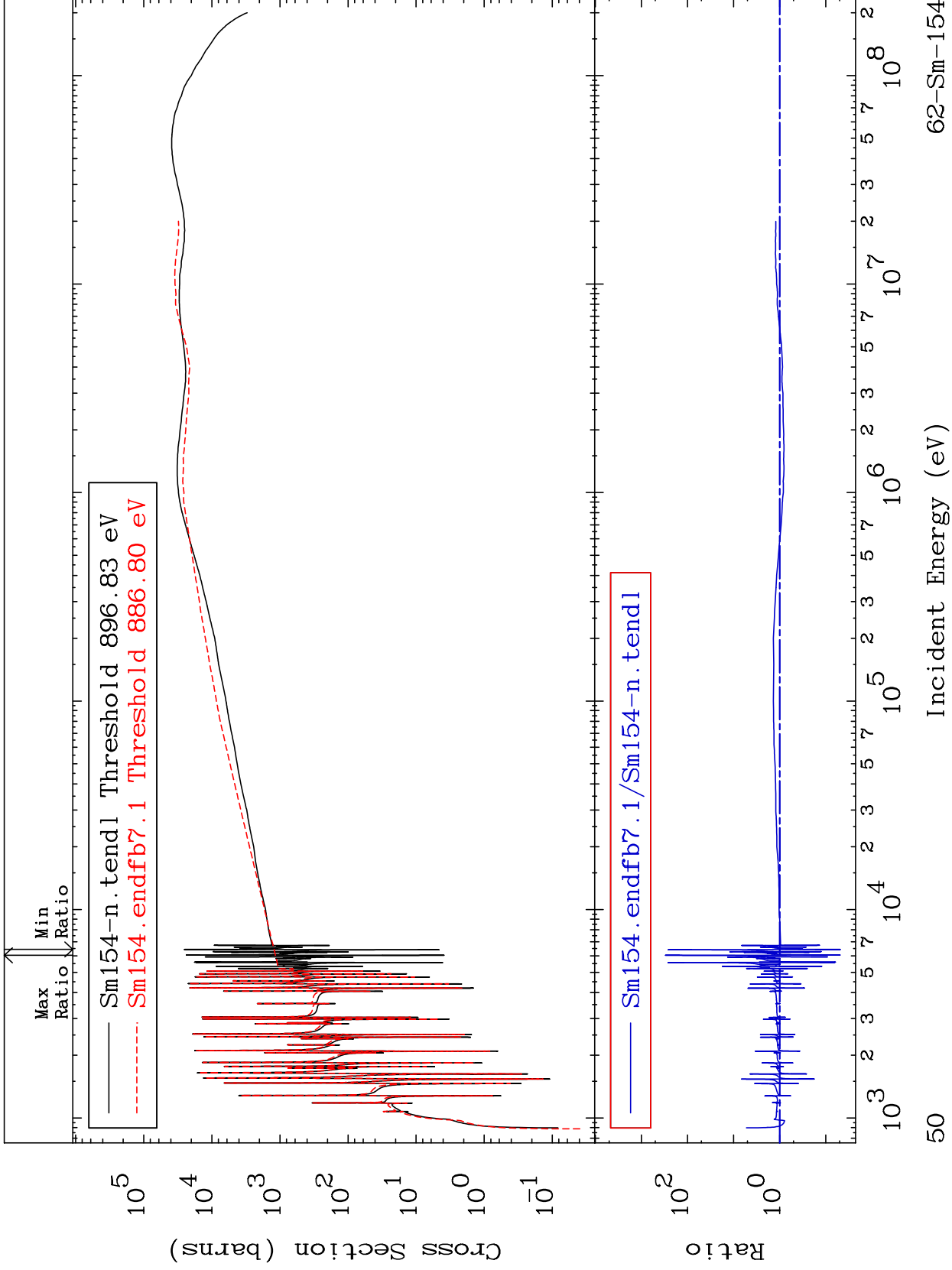




MAT 6255

Dpa elastic (mt2)
Cross Section

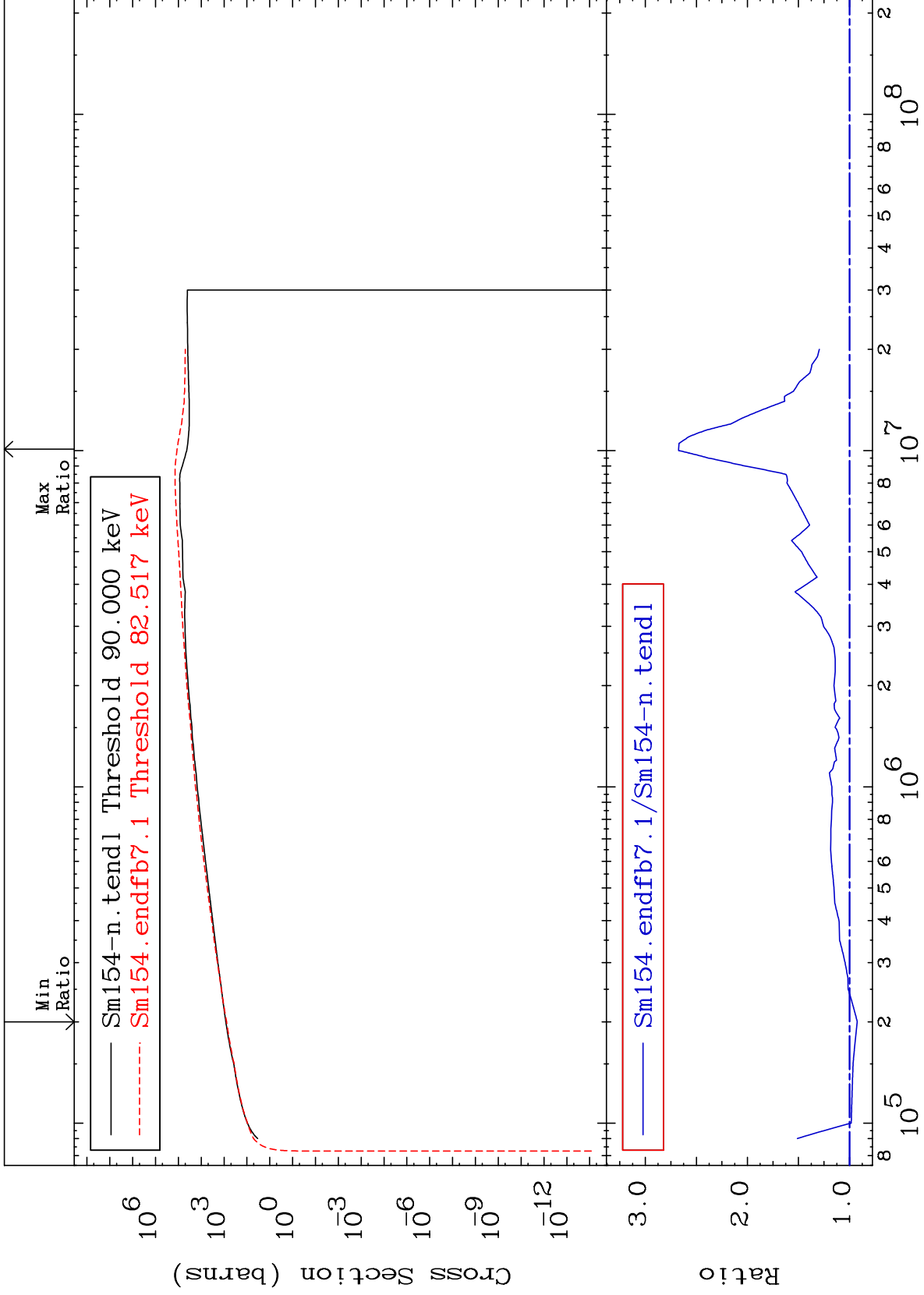
62-Sm-154
-95.23 To 9999. %



MAT 6255

Dpa inelastic (mt51-91)
Cross Section

62-Sm-154
-7.565 To 167.4 %



51

Incident Energy (eV)

62-Sm-154

