

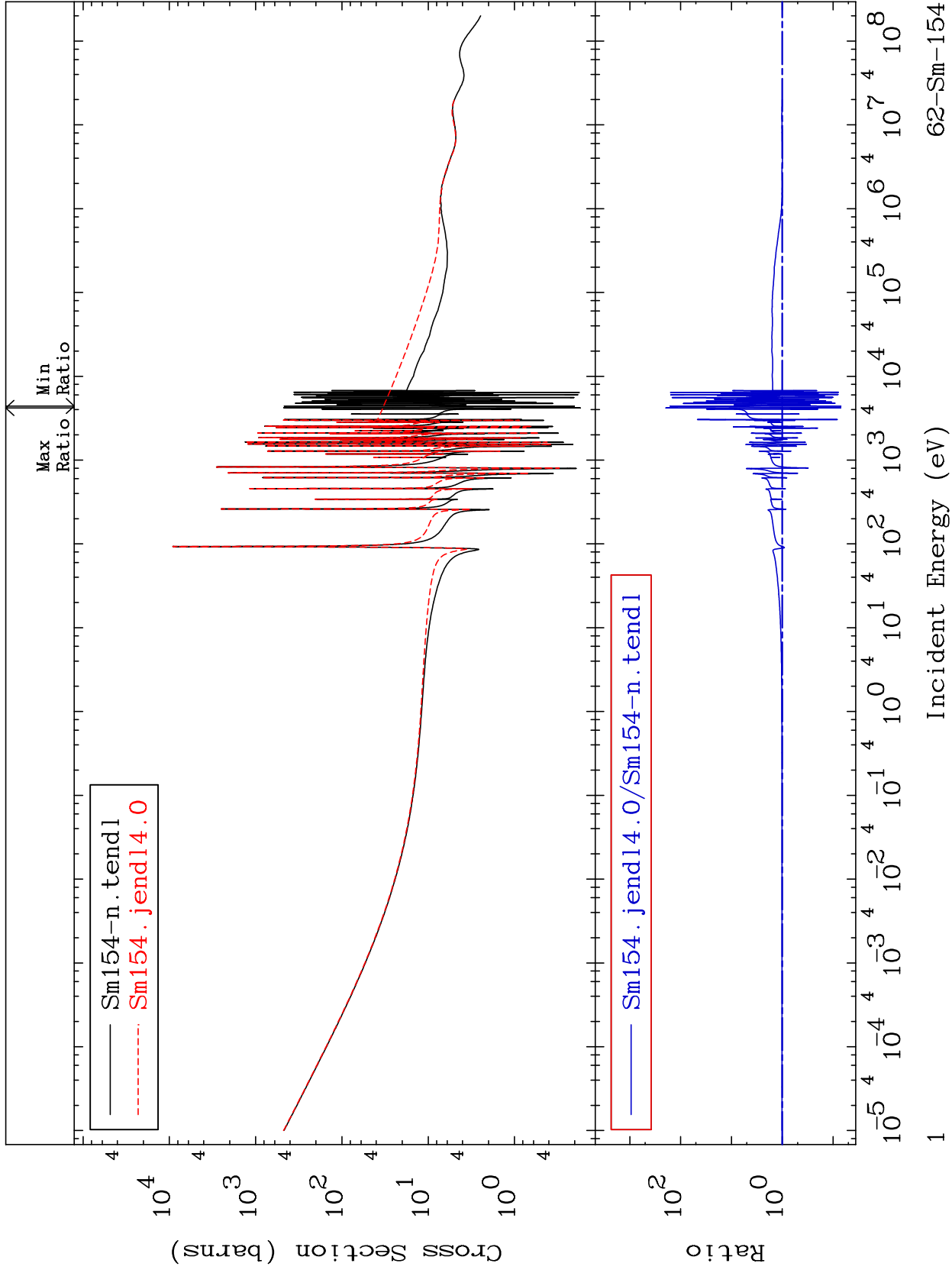
MAT 6255

Total

62-Sm-154

Cross Section

-92.95 To 9999. %



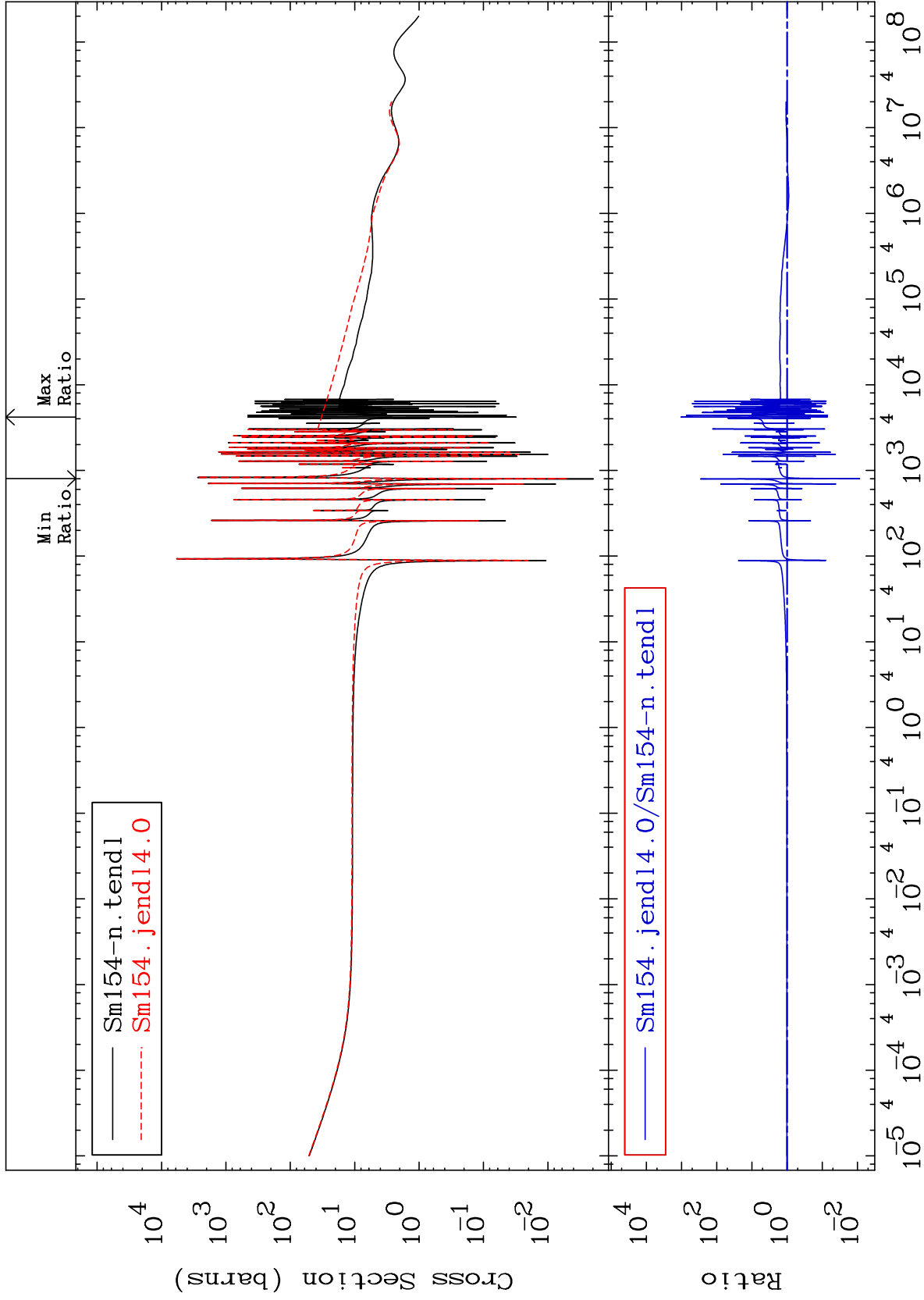
Incident Energy (eV)

62-Sm-154

MAT 6255

Elastic
Cross Section

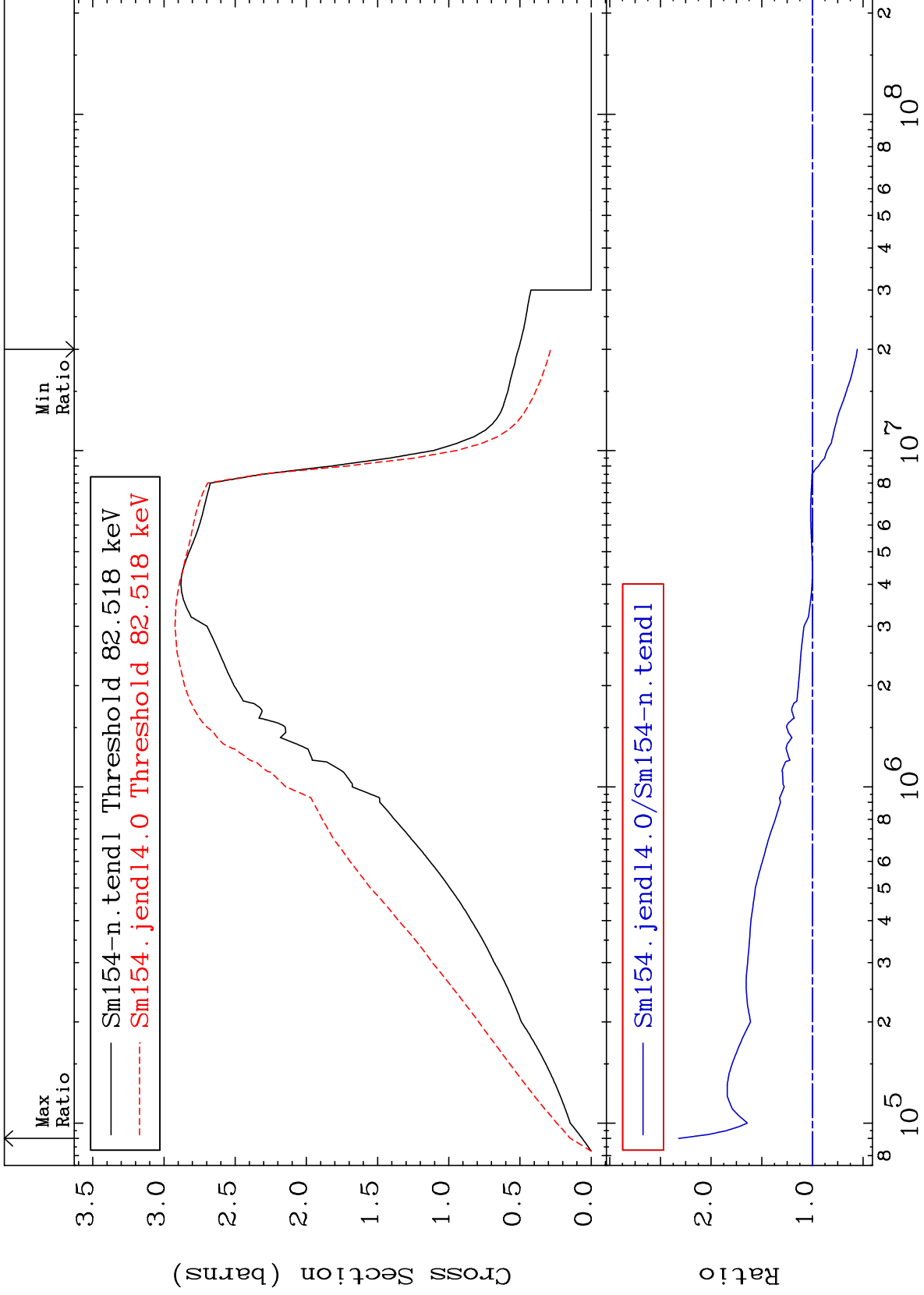
62-Sm-154
-99.13 To 9999. %



MAT 6255

Inelastic
Cross Section

62-Sm-154
-44.24 To 132.0 %



3

62-Sm-154

62-Sm-154

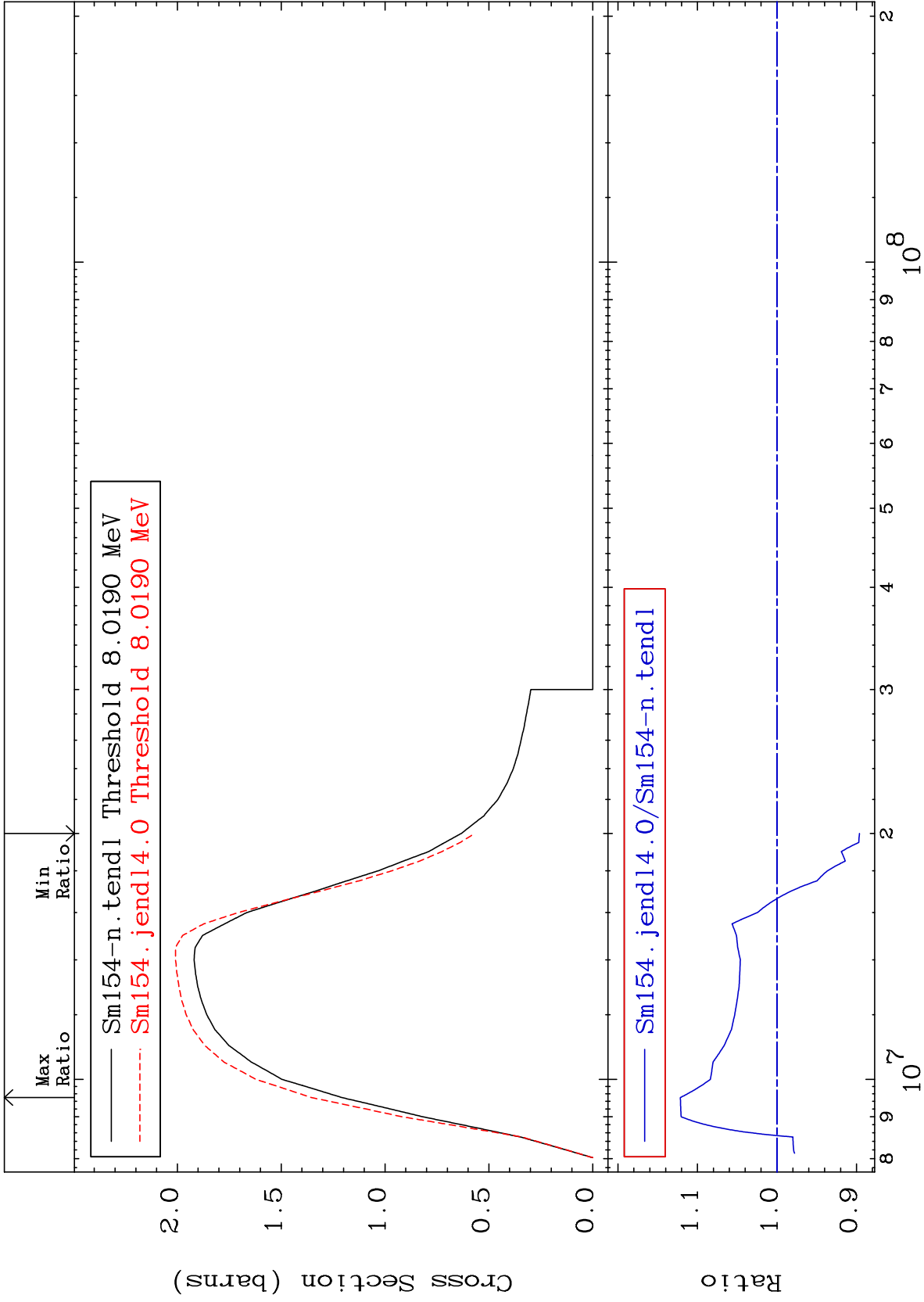
MAT 6255

(n,2n)

62-Sm-154

Cross Section

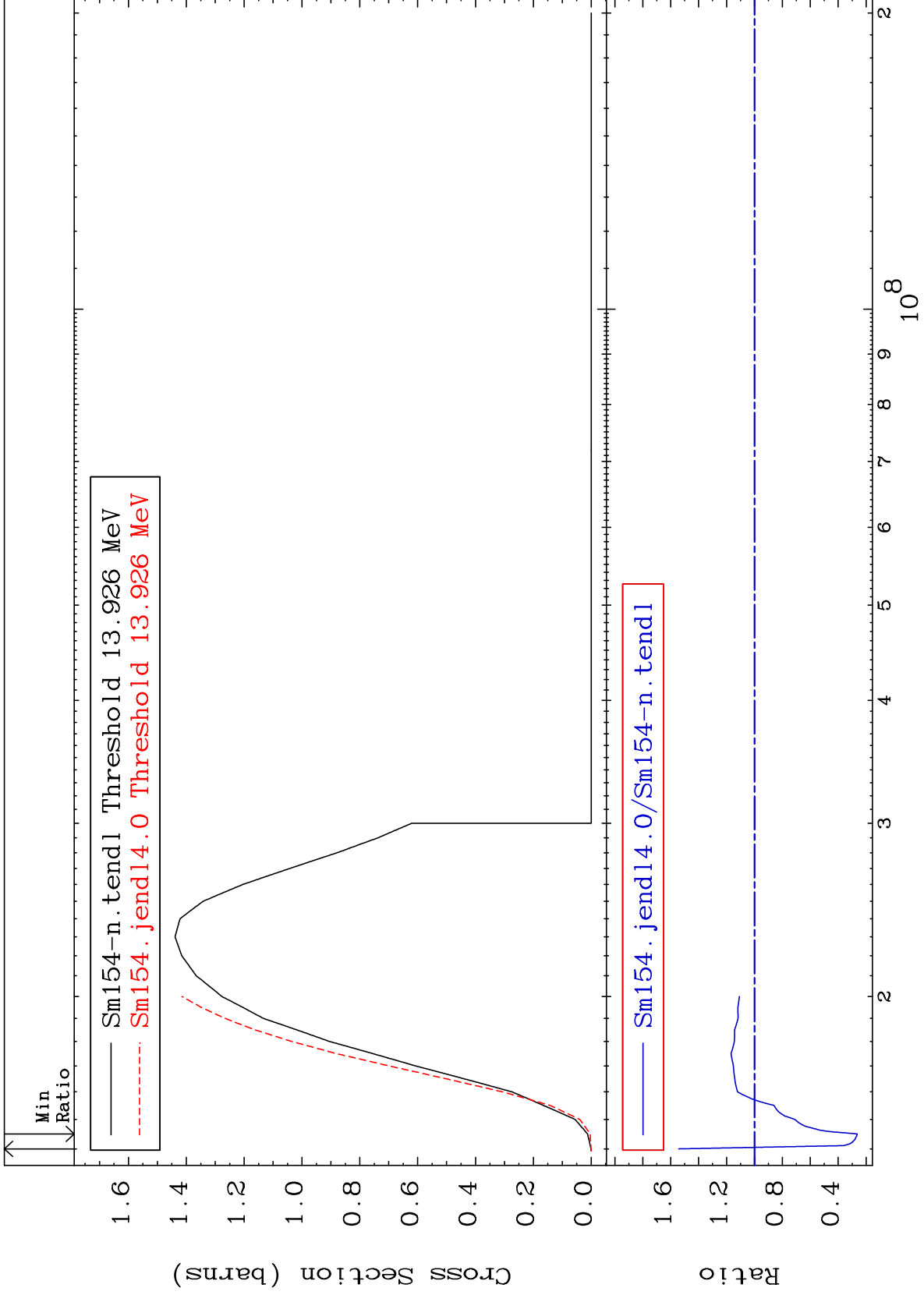
-10.37 To 12.16 %



4

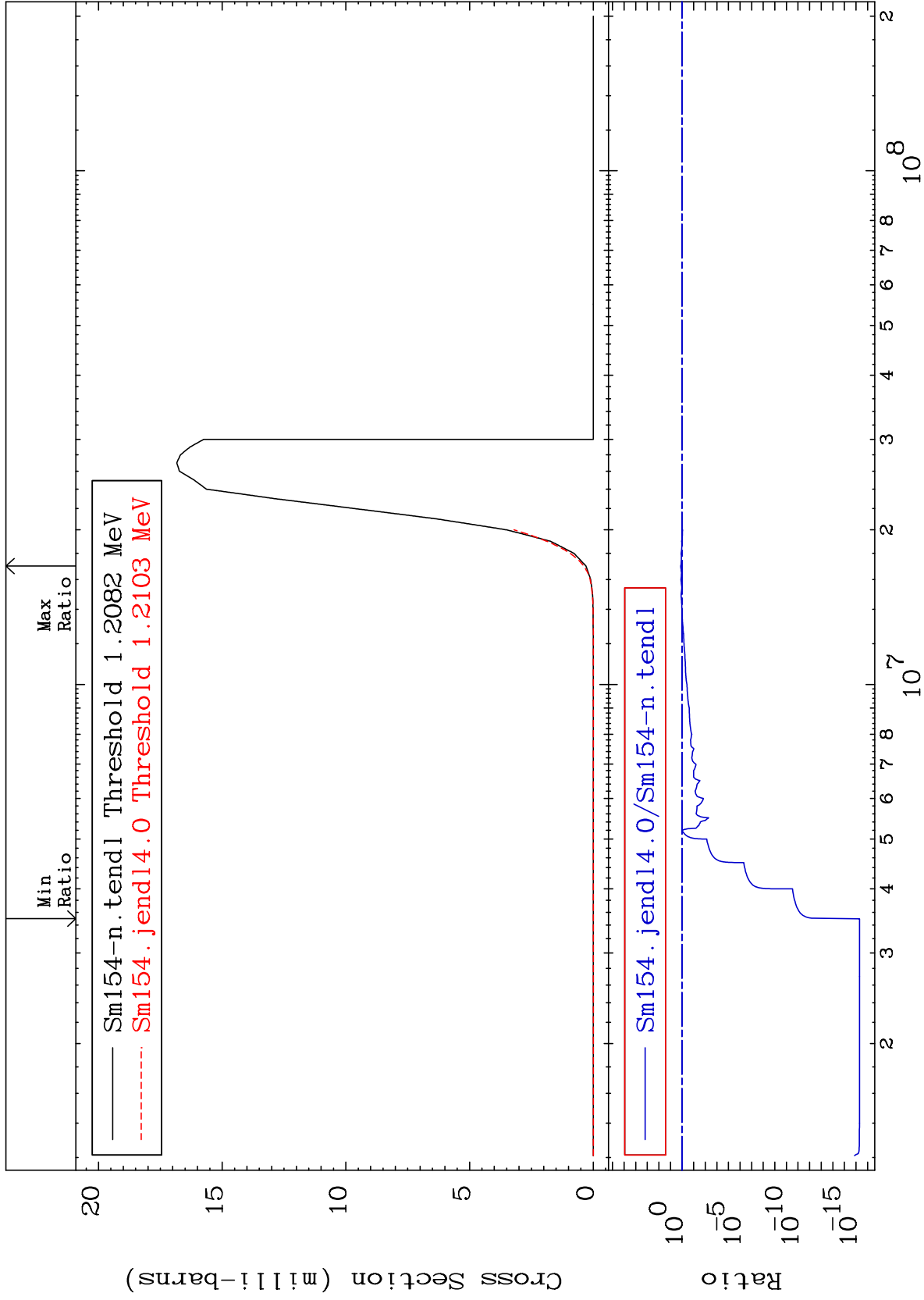
Incident Energy (eV)

62-Sm-154



MAT 6255

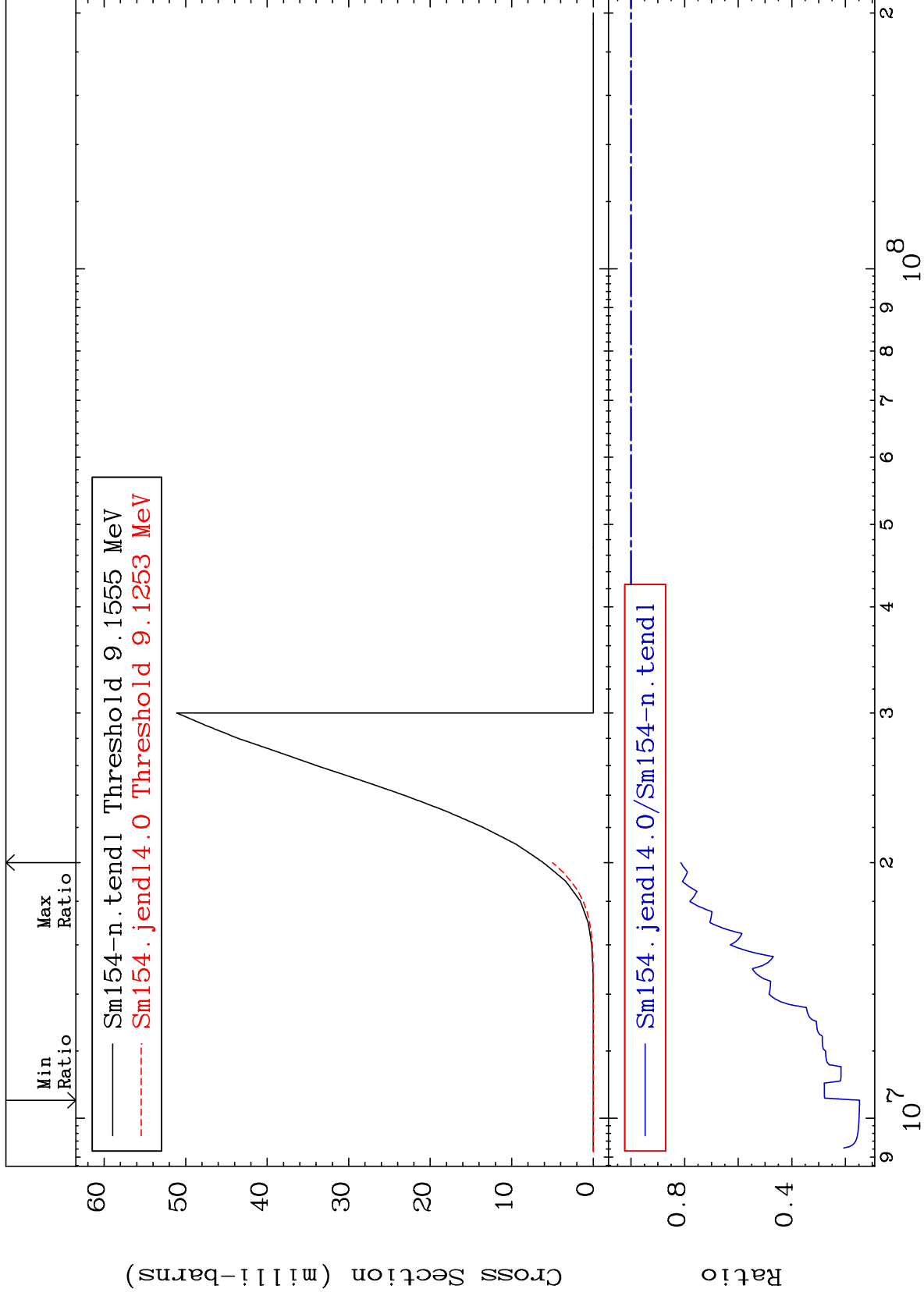
$(n, n') \alpha$
Cross Section
62-Sm-154
-100.0 To 29.49 %



MAT 6255

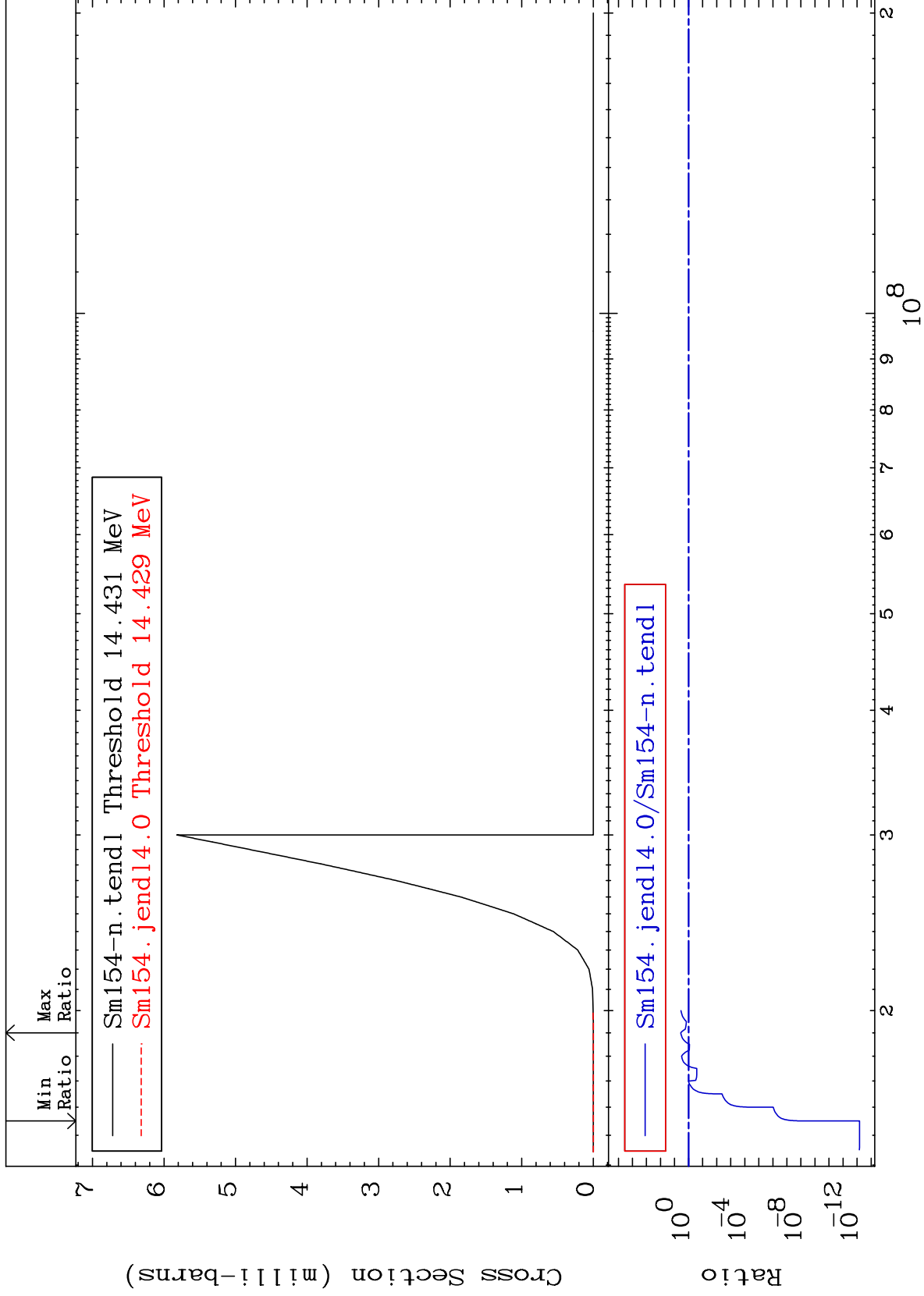
(n, n') p
Cross Section

62-Sm-154
-85.26 To -18.56%



Incident Energy (eV)

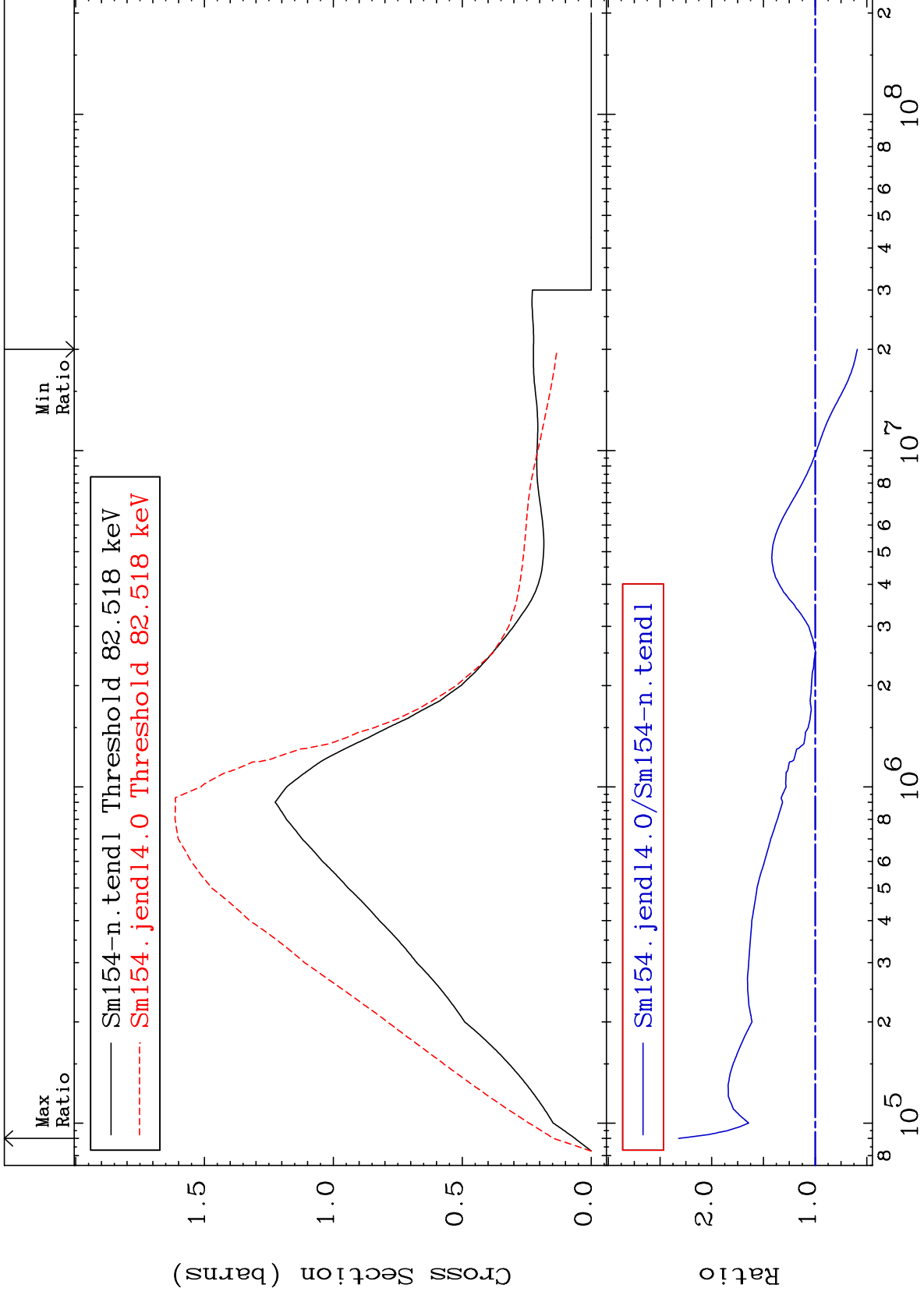
62-Sm-154



MAT 6255

81.98 keV (n,n') Level
Cross Section

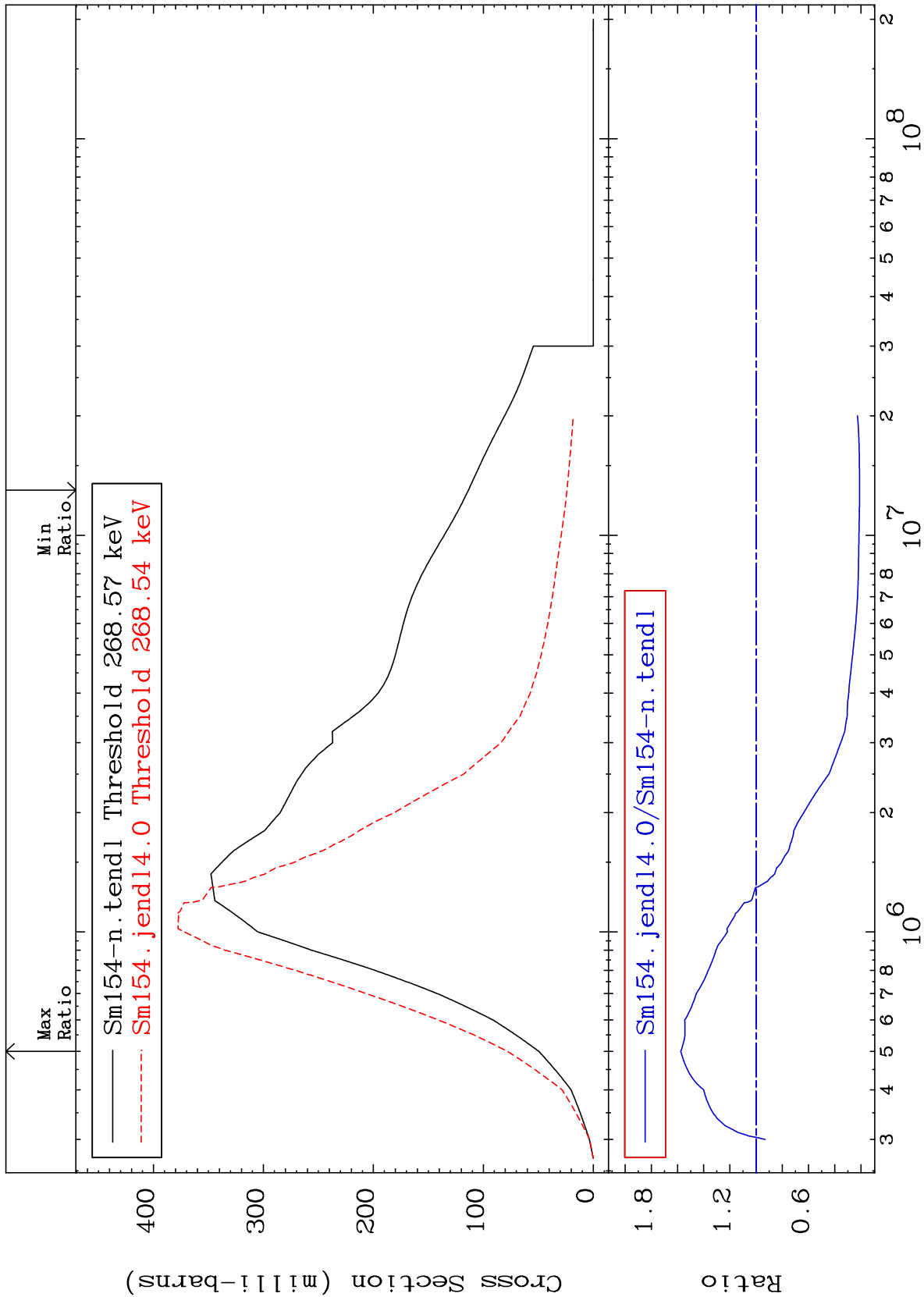
62-Sm-154
-40.68 To 132.0 %



9

62-Sm-154

MAT 6255 266.8 keV (n,n') Level 62-Sm-154
 Cross Section -78.94 To 57.52 %

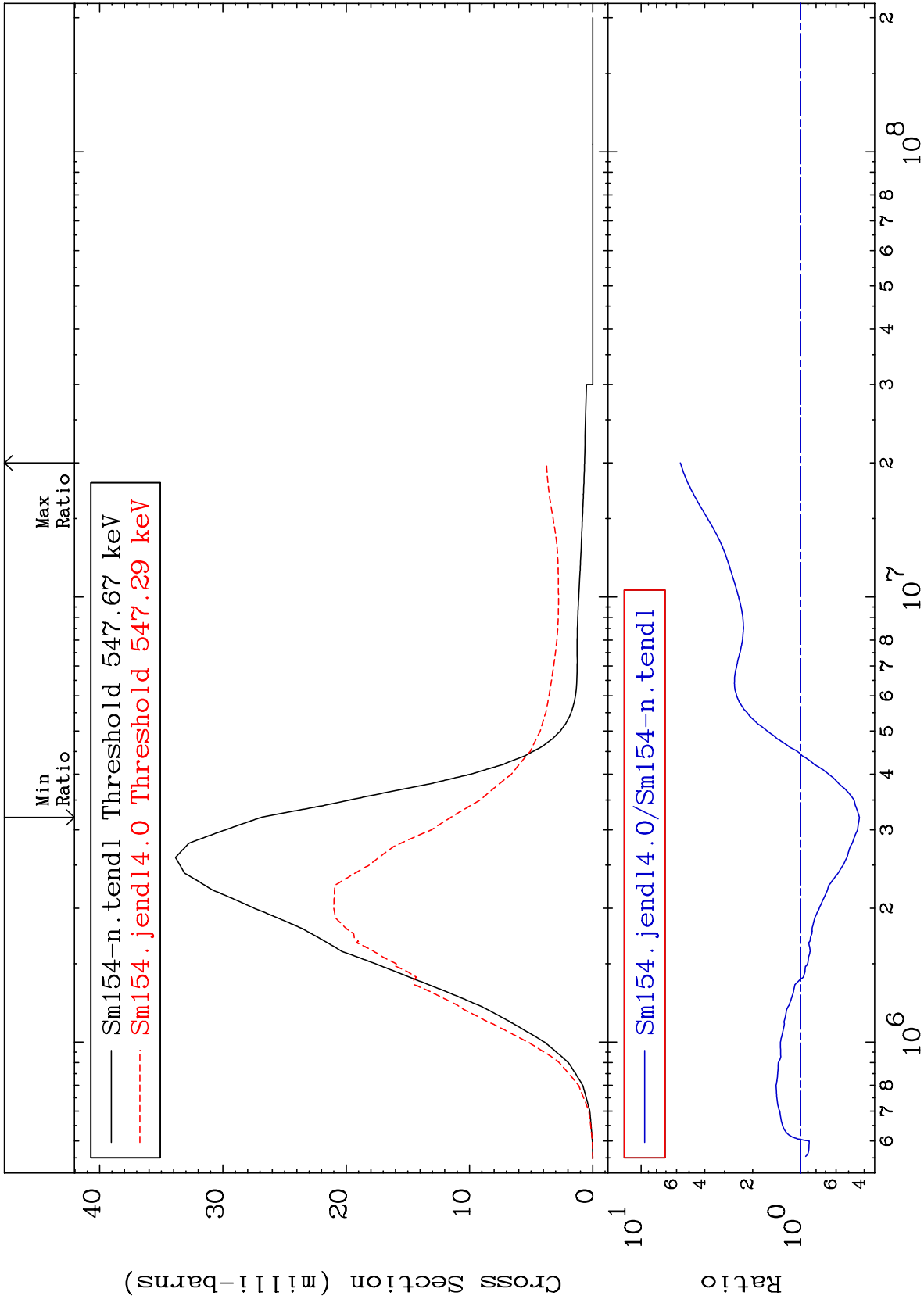


10 Incident Energy (eV) 62-Sm-154

MAT 6255

544.1 keV (n,n') Level
Cross Section

62-Sm-154
-57.20 To 467.9 %



11

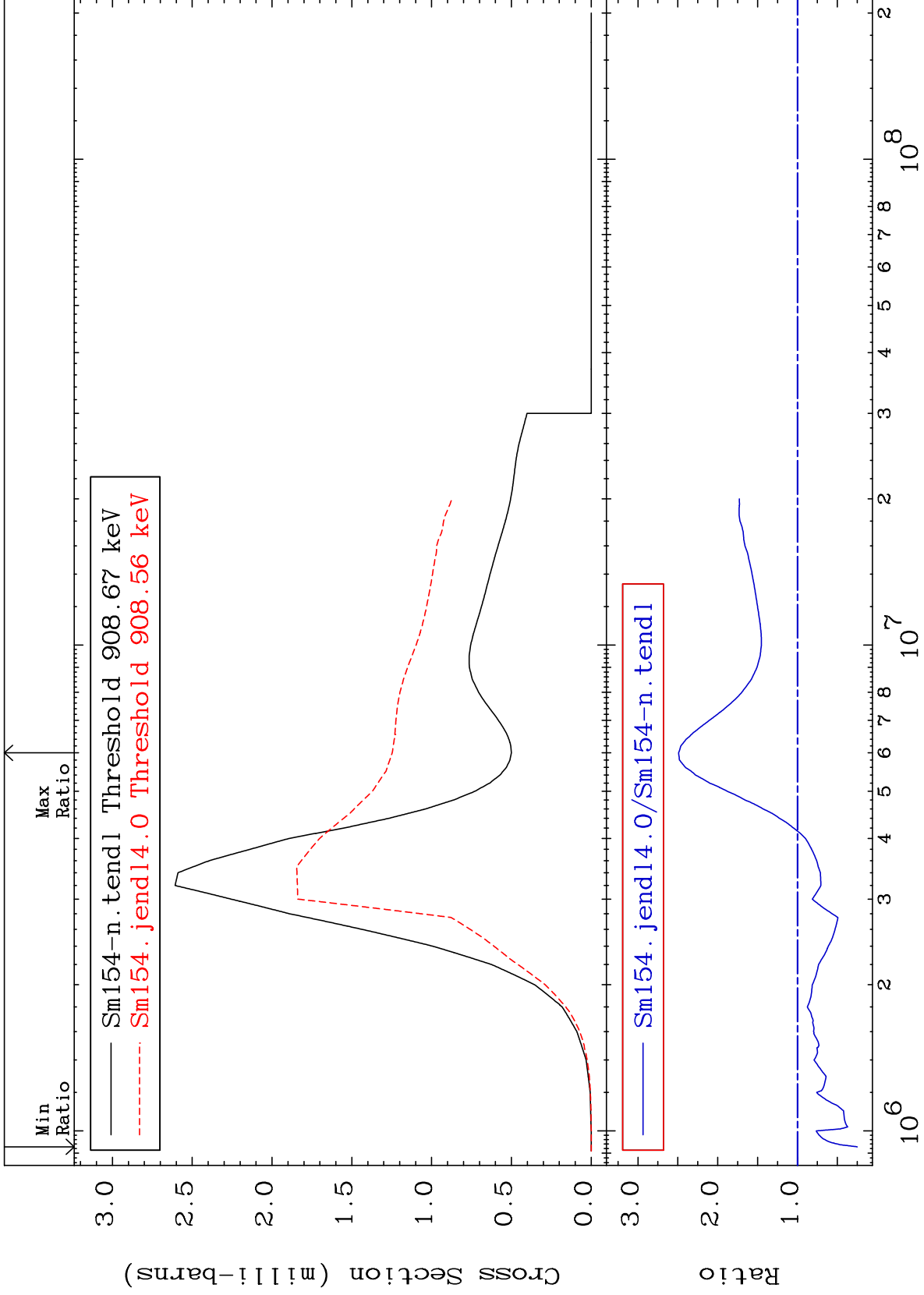
Incident Energy (eV)

62-Sm-154

MAT 6255

902.7 keV (n,n') Level
Cross Section

62-Sm-154
-74.96 To 149.0 %



12

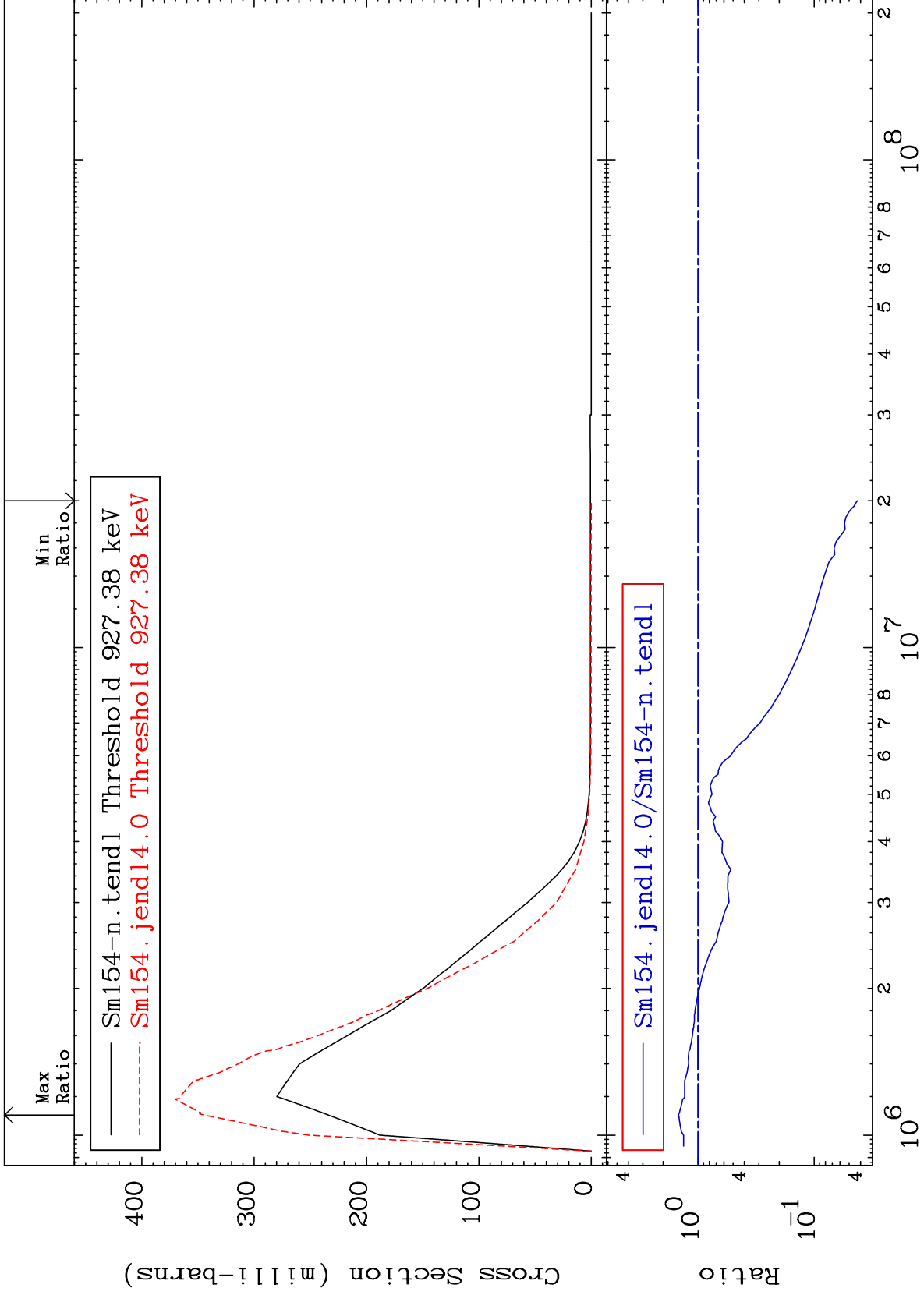
62-Sm-154

62-Sm-154

MAT 6255

921.3 keV (n,n') Level
Cross Section

62-Sm-154
-95.74 To 47.33 %



13

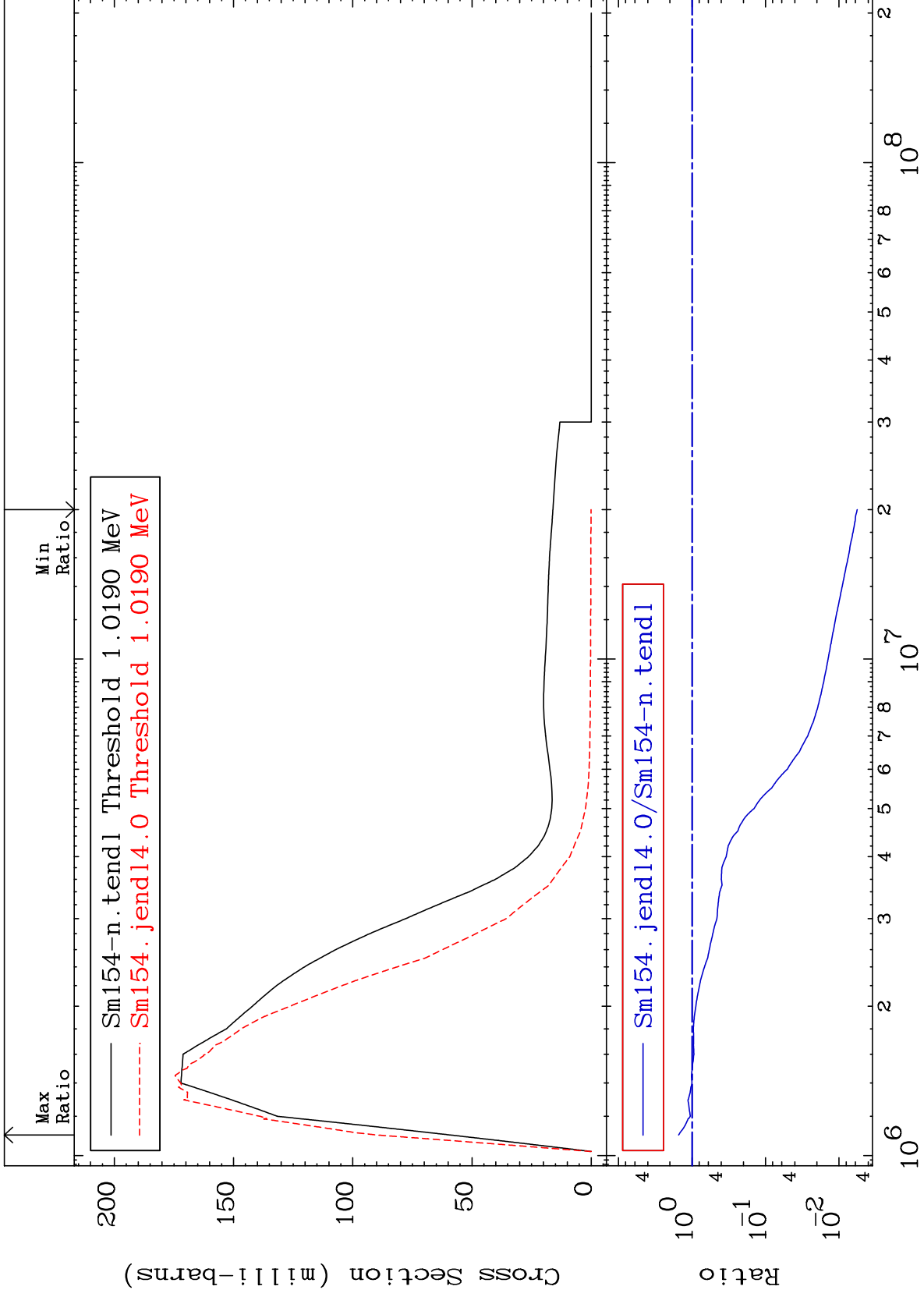
Incident Energy (eV)

62-Sm-154

MAT 6255

1.012 MeV (n,n') Level
Cross Section

62-Sm-154
-99.44 To 52.08 %



14

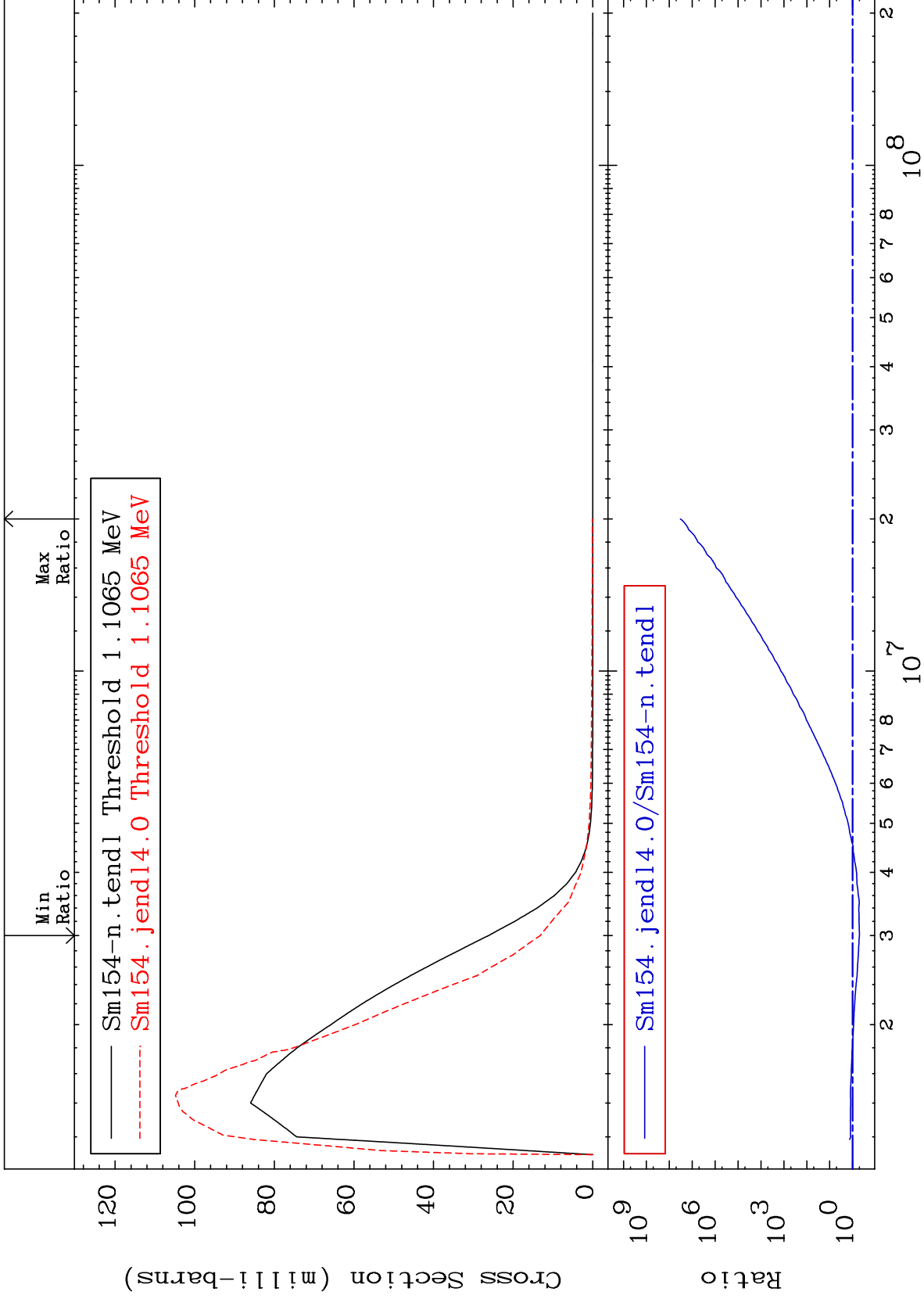
Incident Energy (eV)

62-Sm-154

MAT 6255

1.099 MeV (n,n') Level
Cross Section

62-Sm-154
-49.63 To 9999. %



15

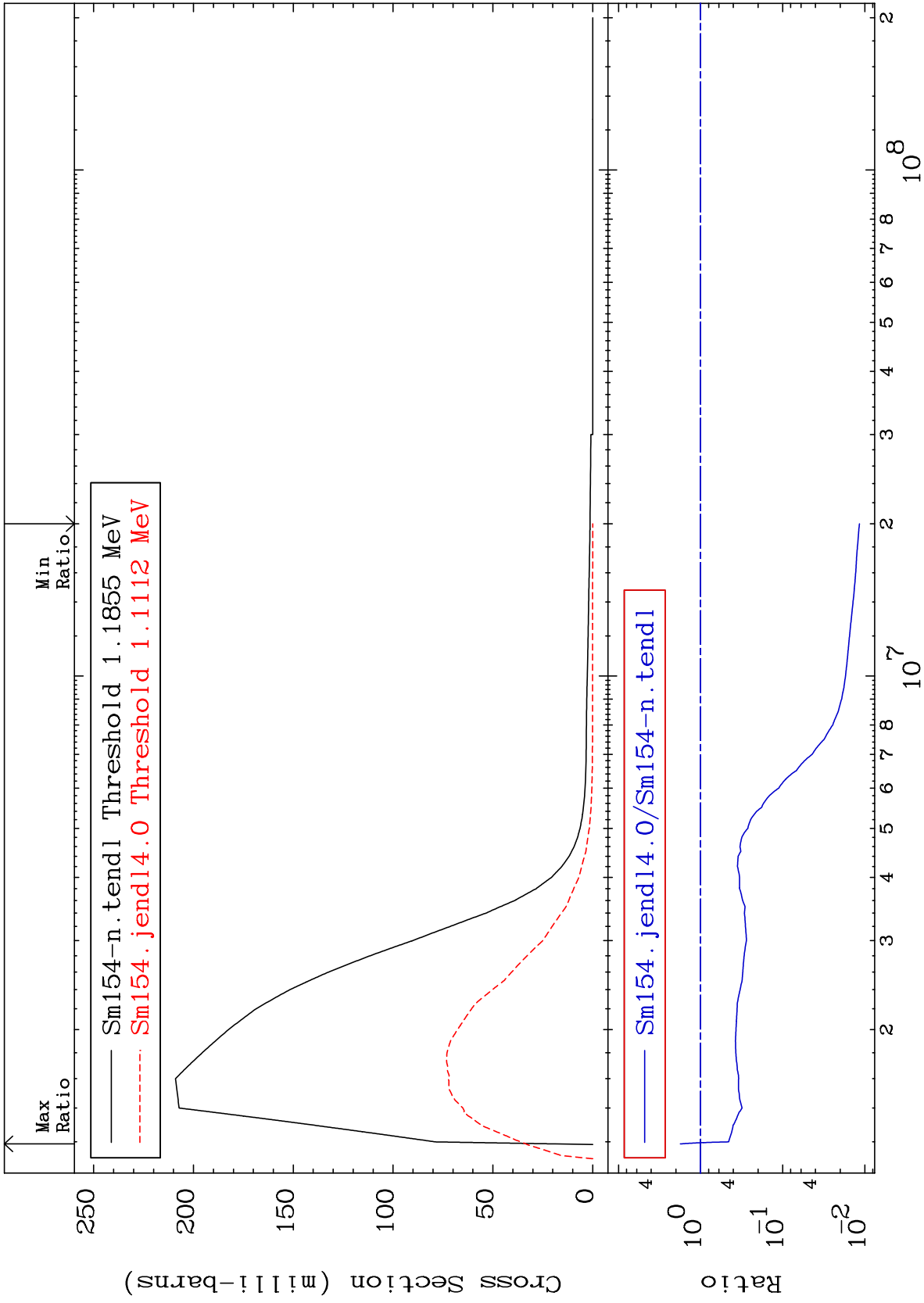
Incident Energy (eV)

62-Sm-154

MAT 6255

1.178 MeV (n,n') Level
Cross Section

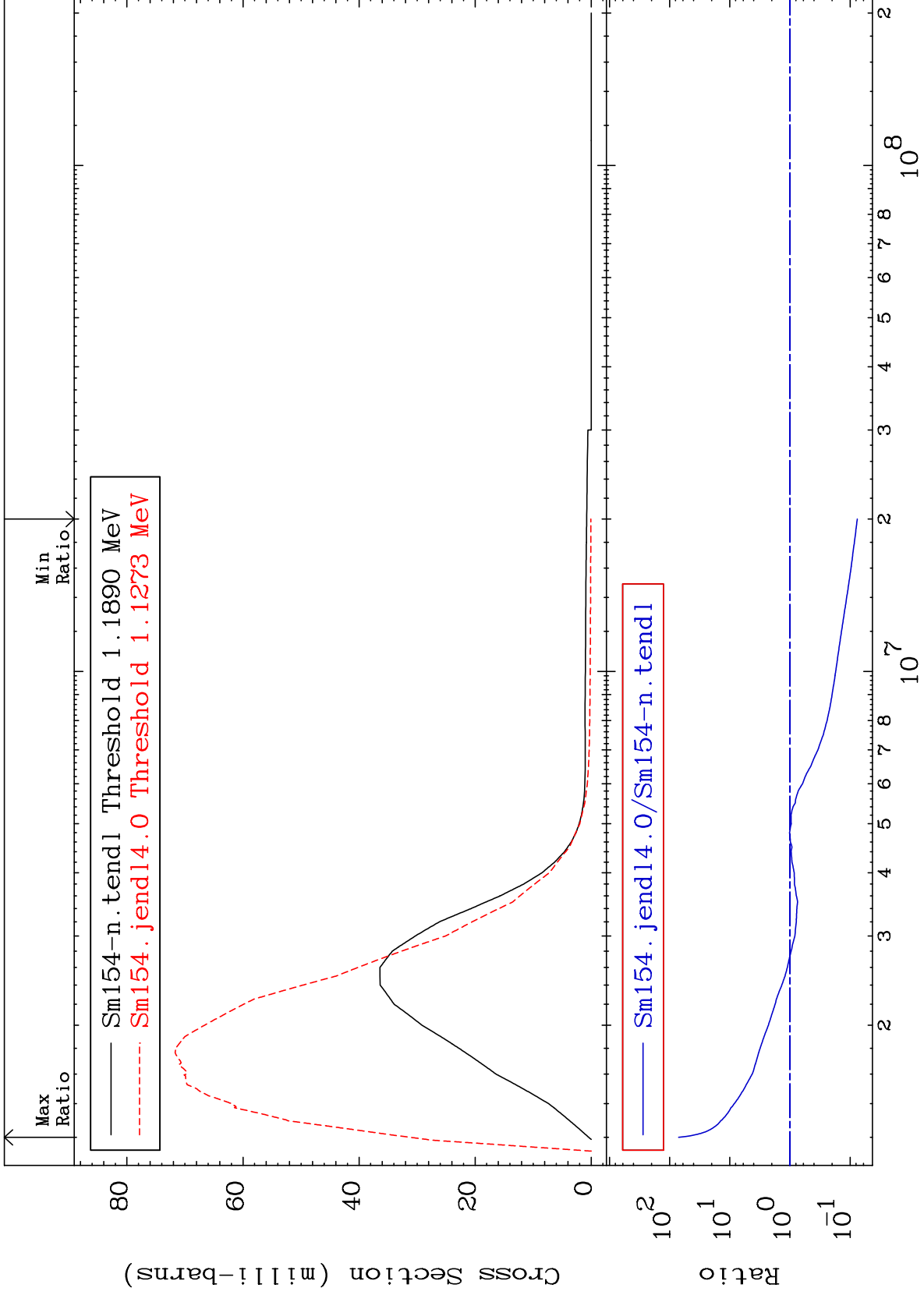
62-Sm-154
-98.83 To 76.54 %



MAT 6255

1.181 MeV (n,n') Level
Cross Section

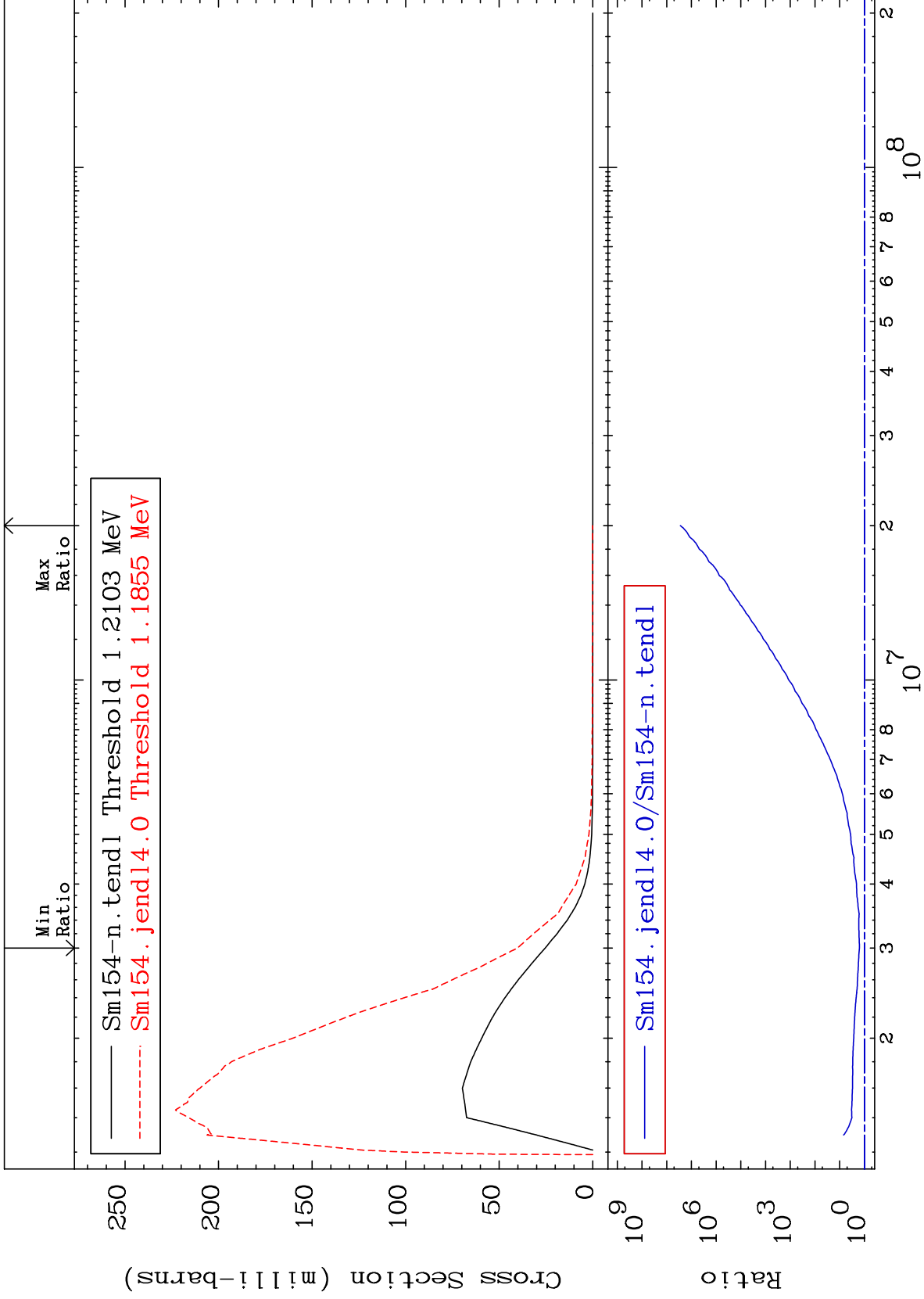
62-Sm-154
-92.40 To 7007. %



MAT 6255

1.202 MeV (n,n') Level
Cross Section

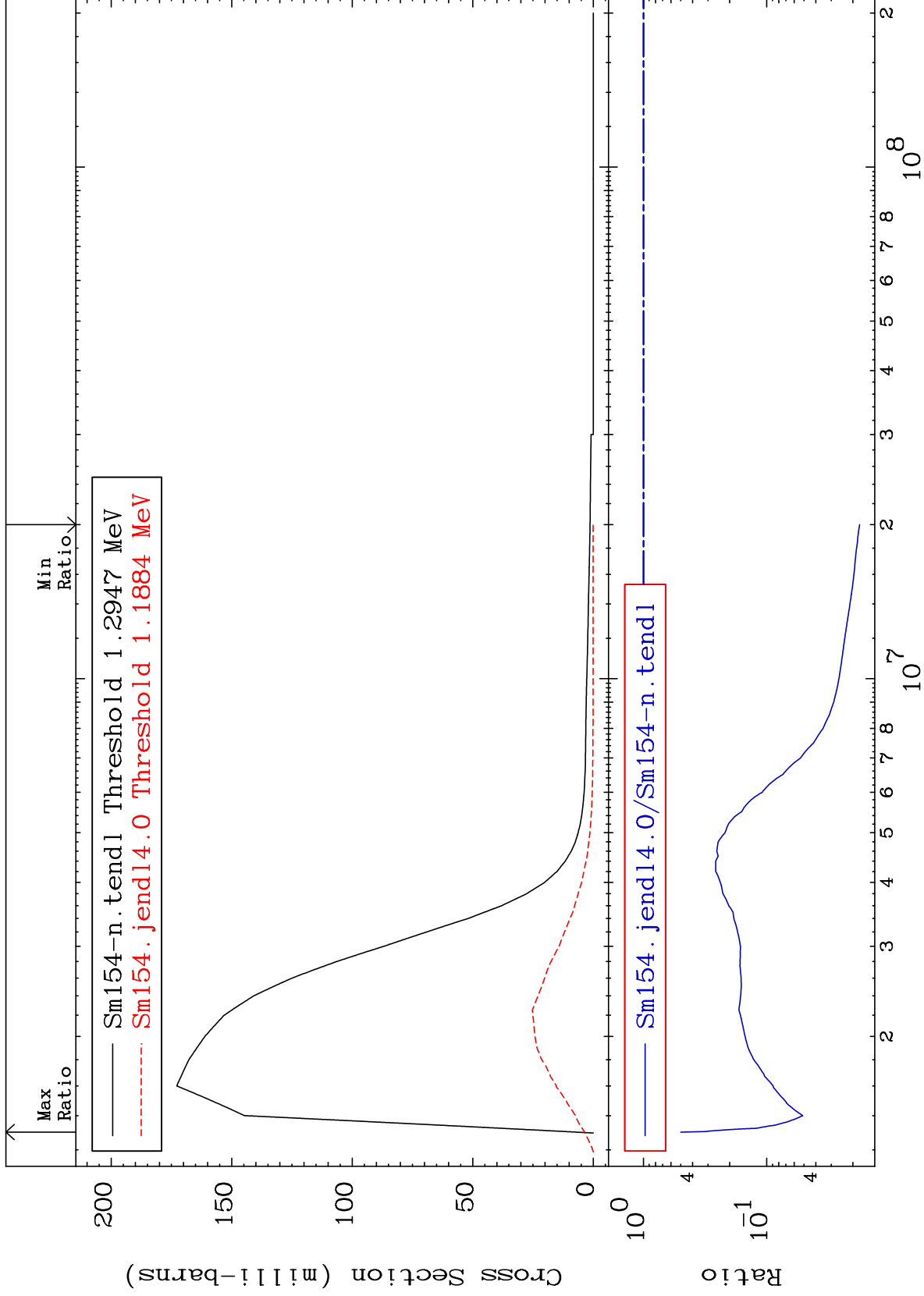
62-Sm-154
58.28 To 9999. %



MAT 6255

1.286 MeV (n,n') Level
Cross Section

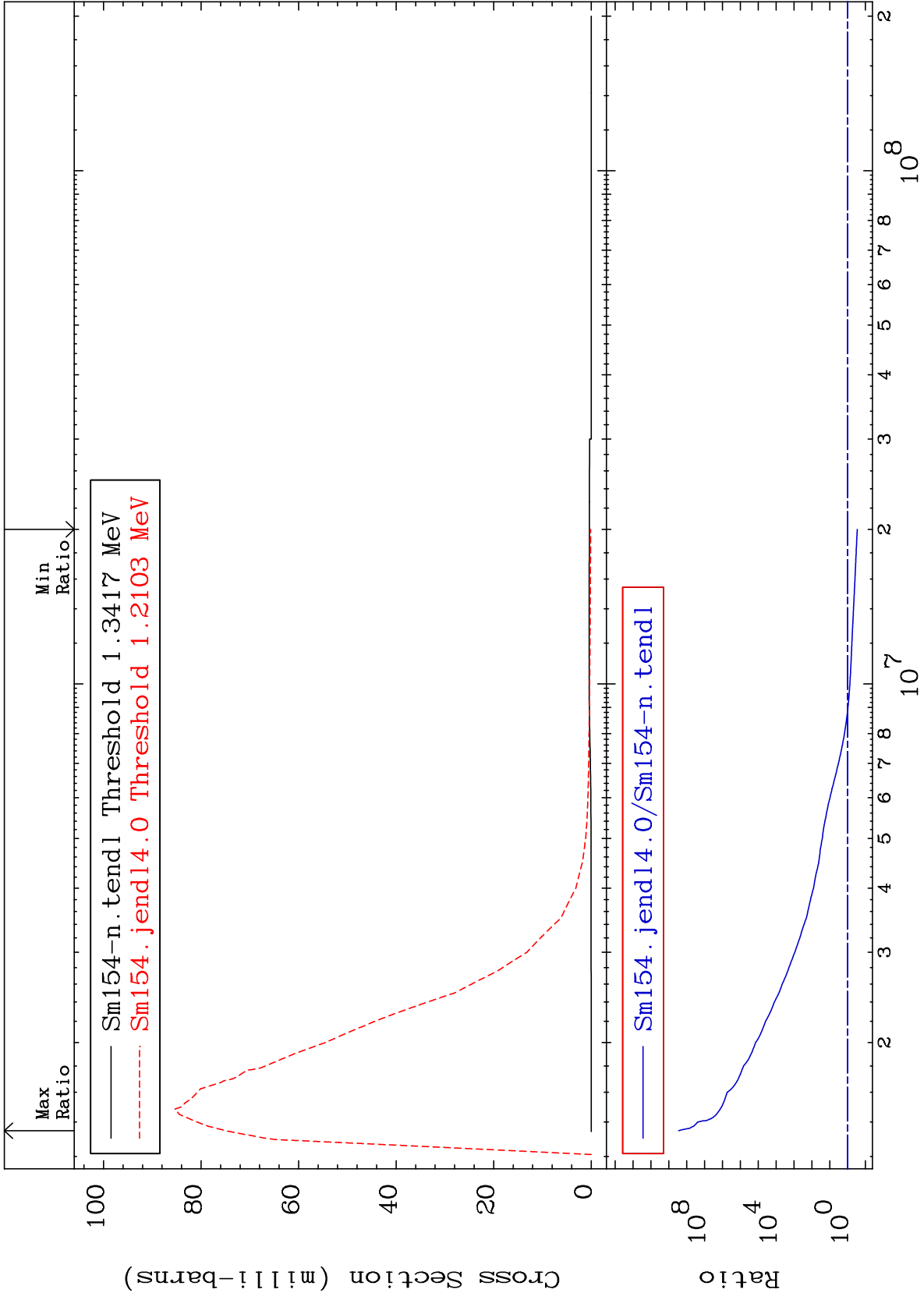
62-Sm-154
-98.23 To -50.12%



MAT 6255

1.333 MeV (n,n') Level
Cross Section

62-Sm-154
-71.25 To 9999. %



20

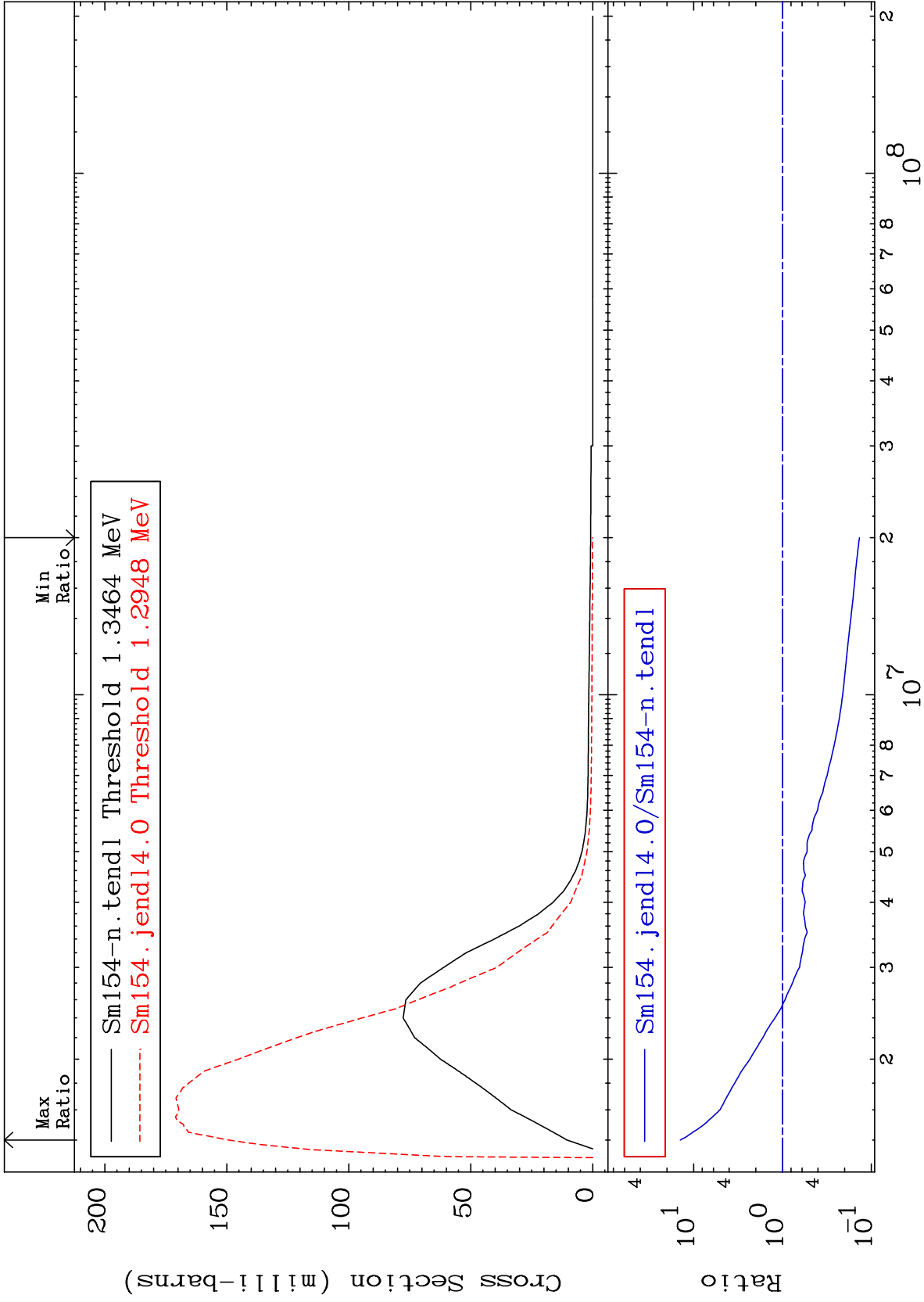
Incident Energy (eV)

62-Sm-154

MAT 6255

1.338 MeV (n,n') Level
Cross Section

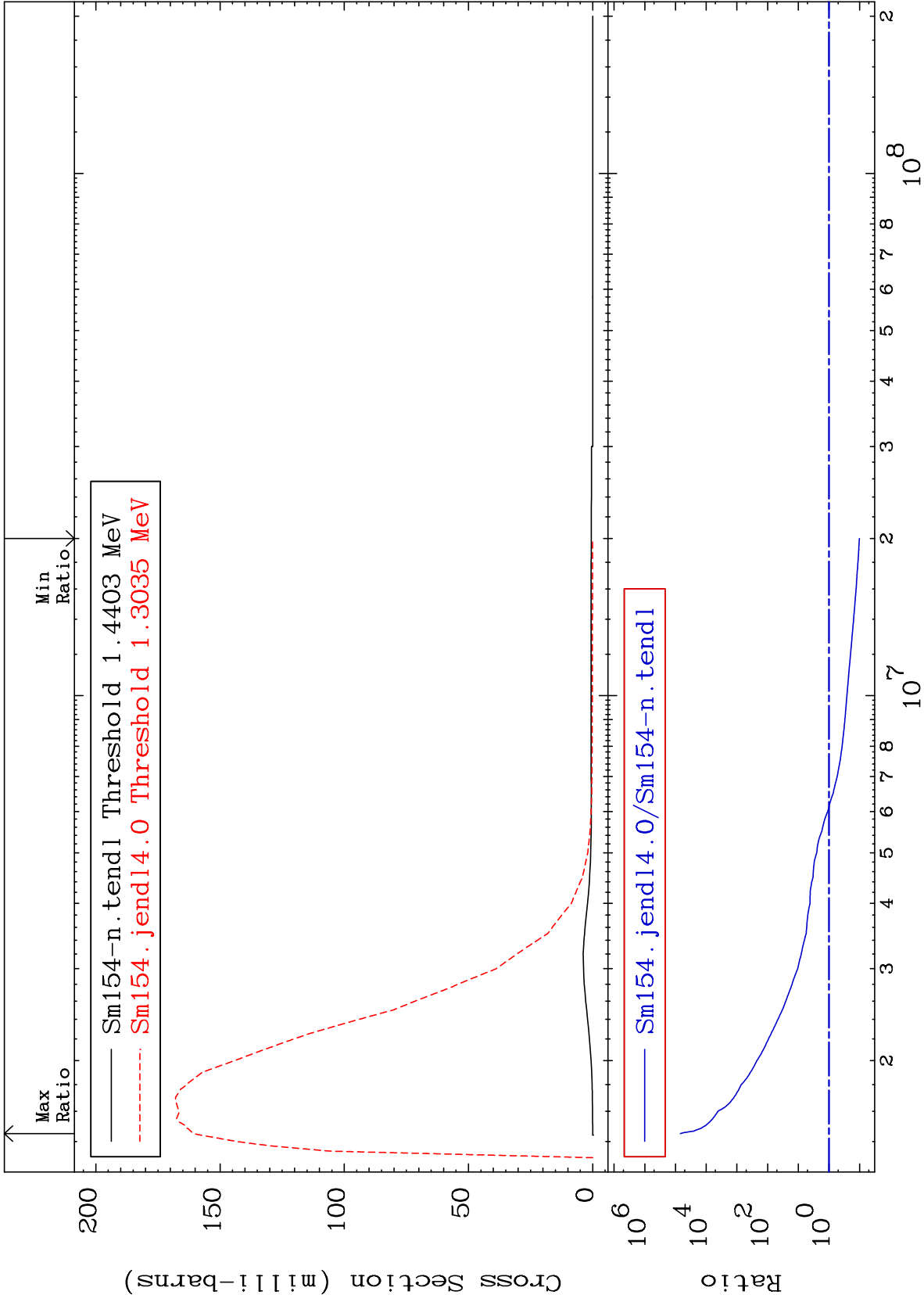
62-Sm-154
-86.40 To 1312. %

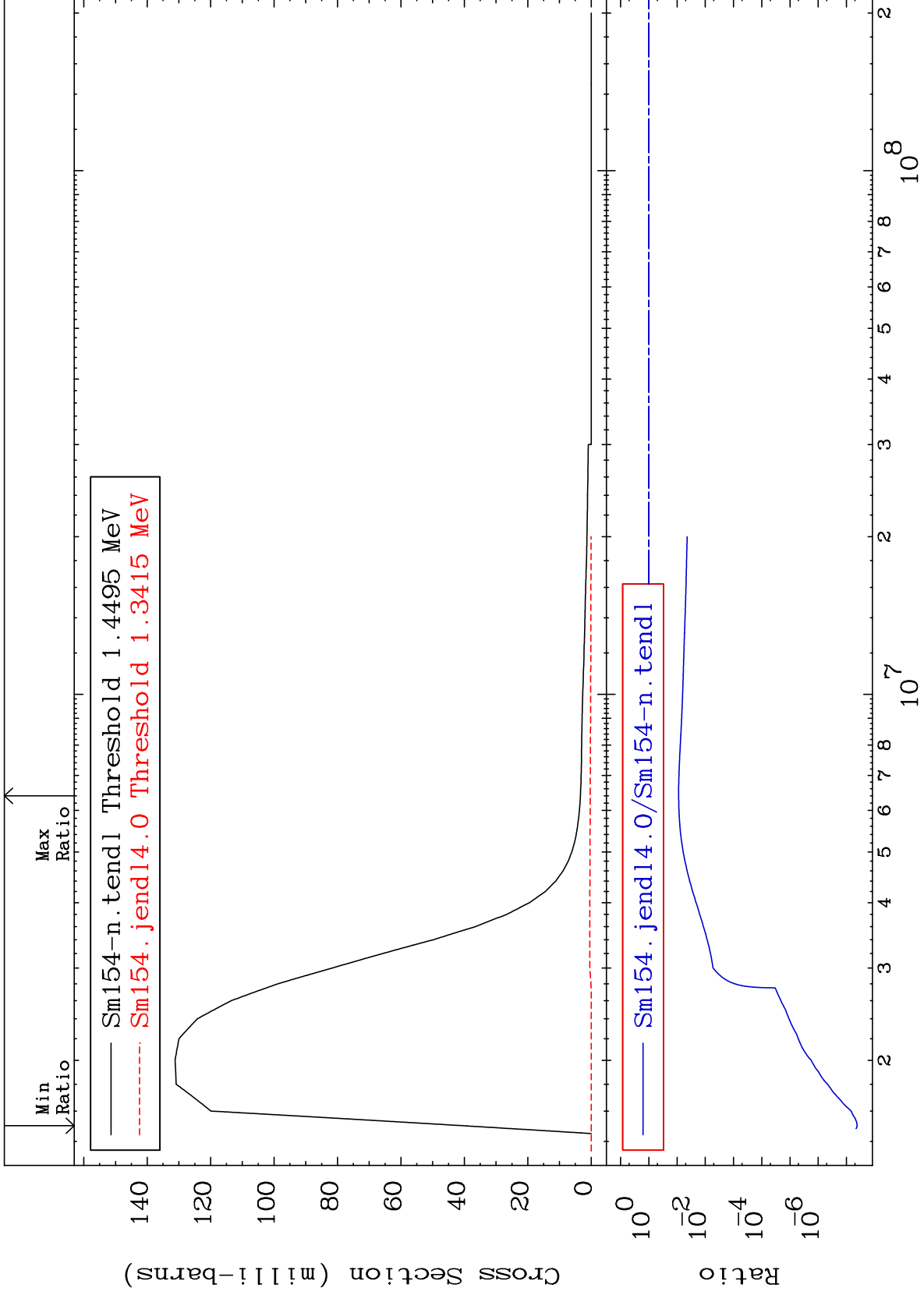


MAT 6255

1.431 MeV (n,n') Level
Cross Section

62-Sm-154
-89.82 To 9999. %

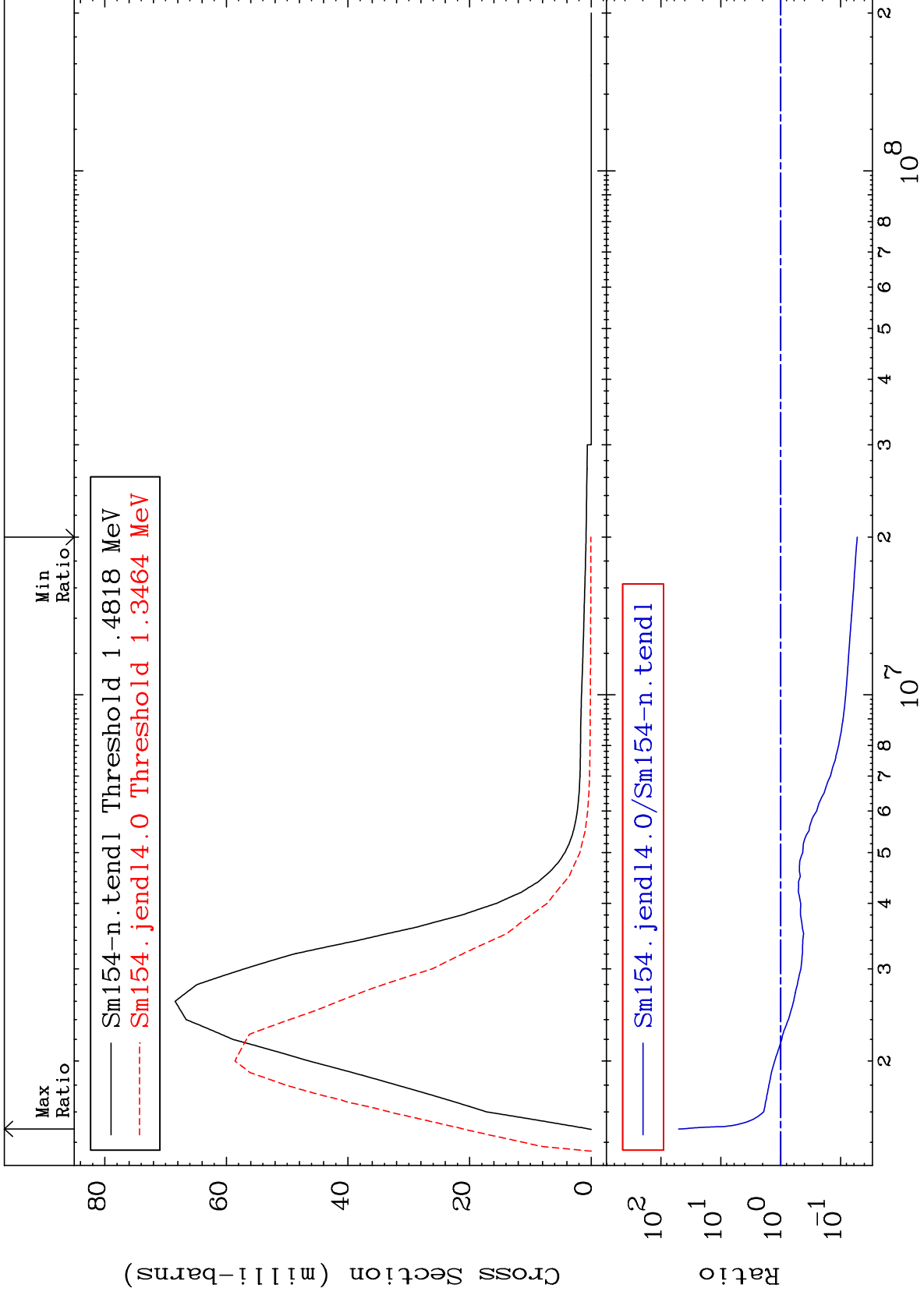




MAT 6255

1.472 MeV (n,n') Level
Cross Section

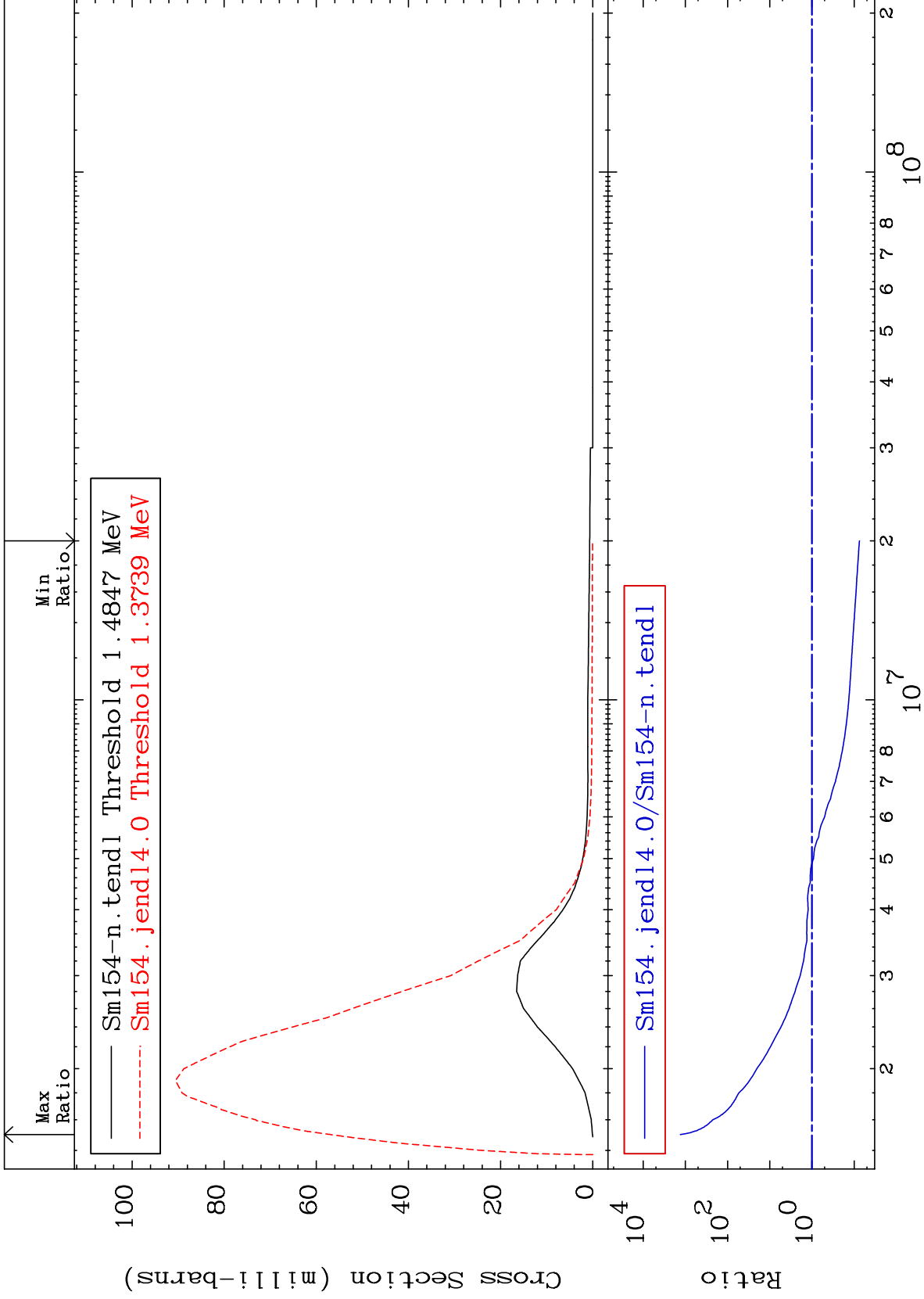
62-Sm-154
-94.74 To 4961. %



MAT 6255

1.475 MeV (n,n') Level
Cross Section

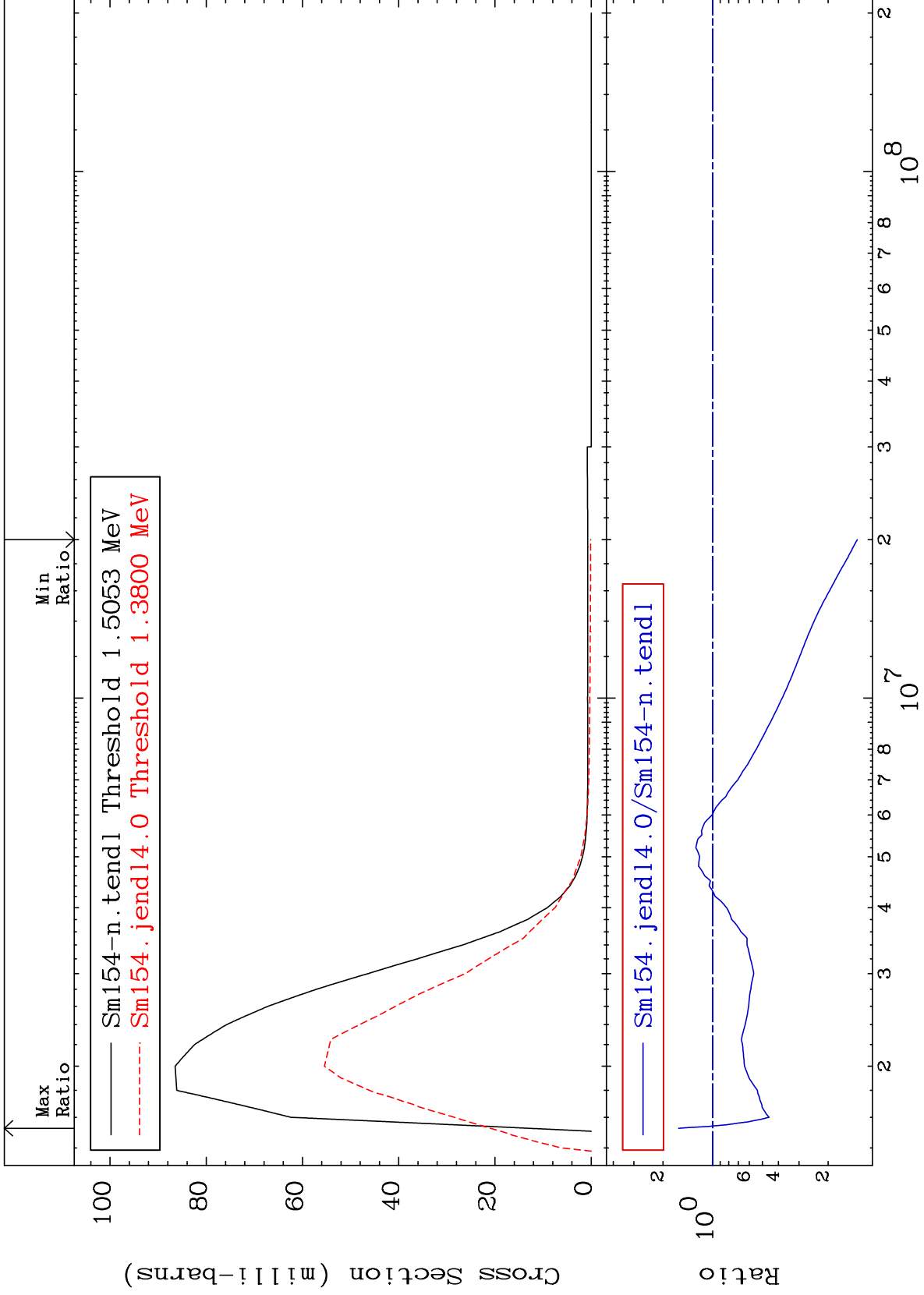
62-Sm-154
-92.51 To 9999. %



MAT 6255

1.495 MeV (n,n') Level
Cross Section

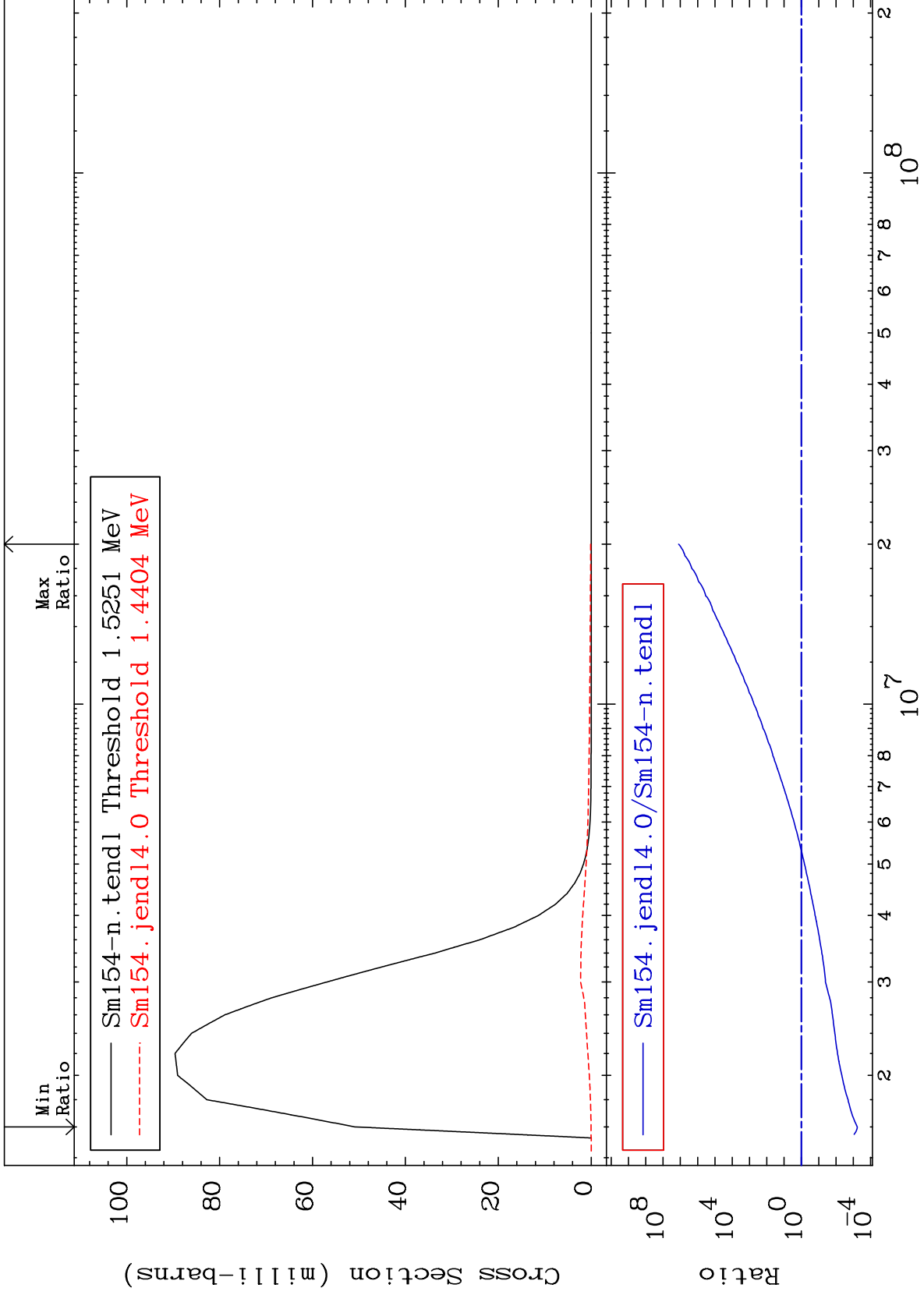
62-Sm-154
-86.69 To 60.64 %



MAT 6255

1.515 MeV (n,n') Level
Cross Section

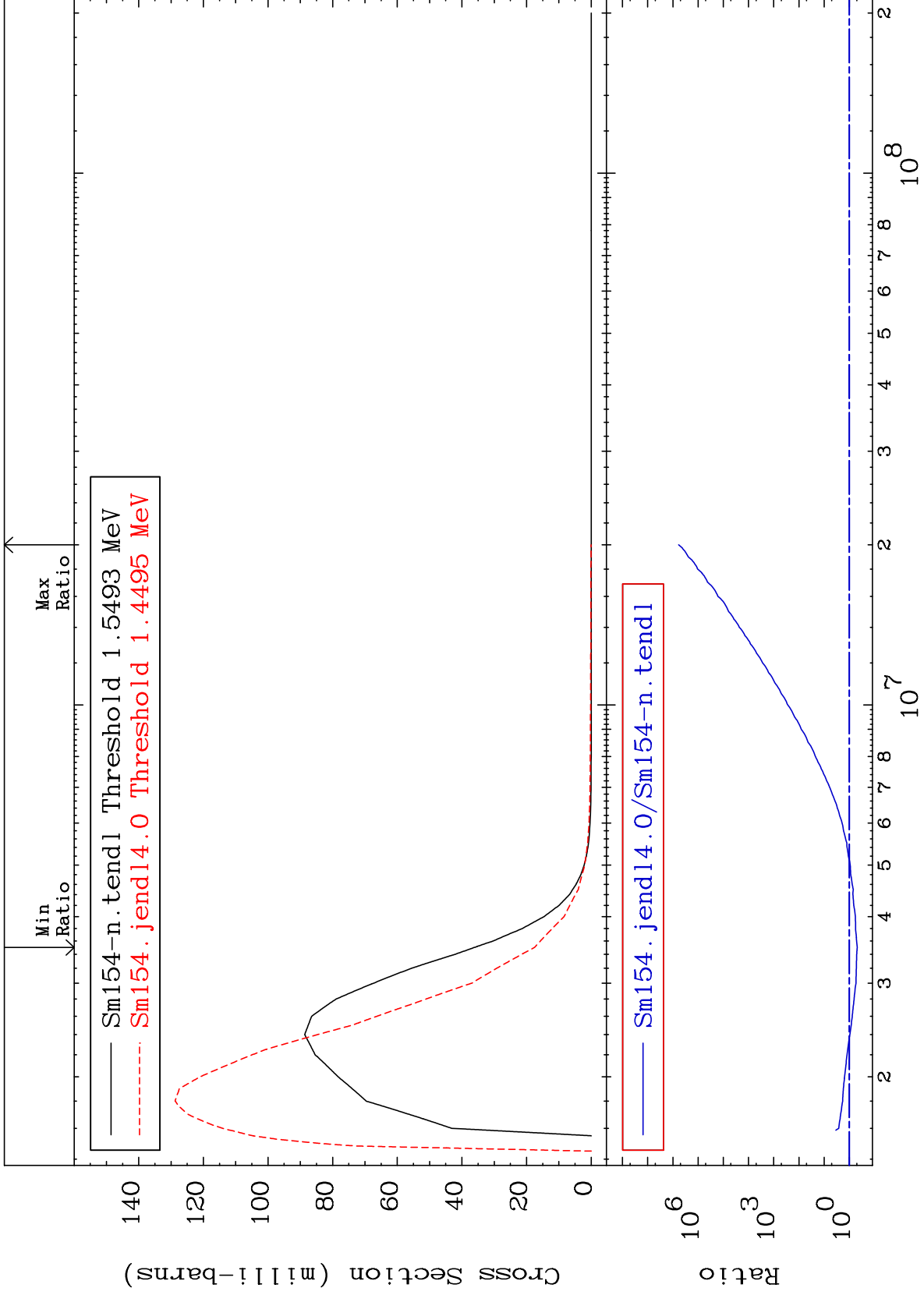
62-Sm-154
-99.94 To 9999. %



MAT 6255

1.539 MeV (n,n') Level
Cross Section

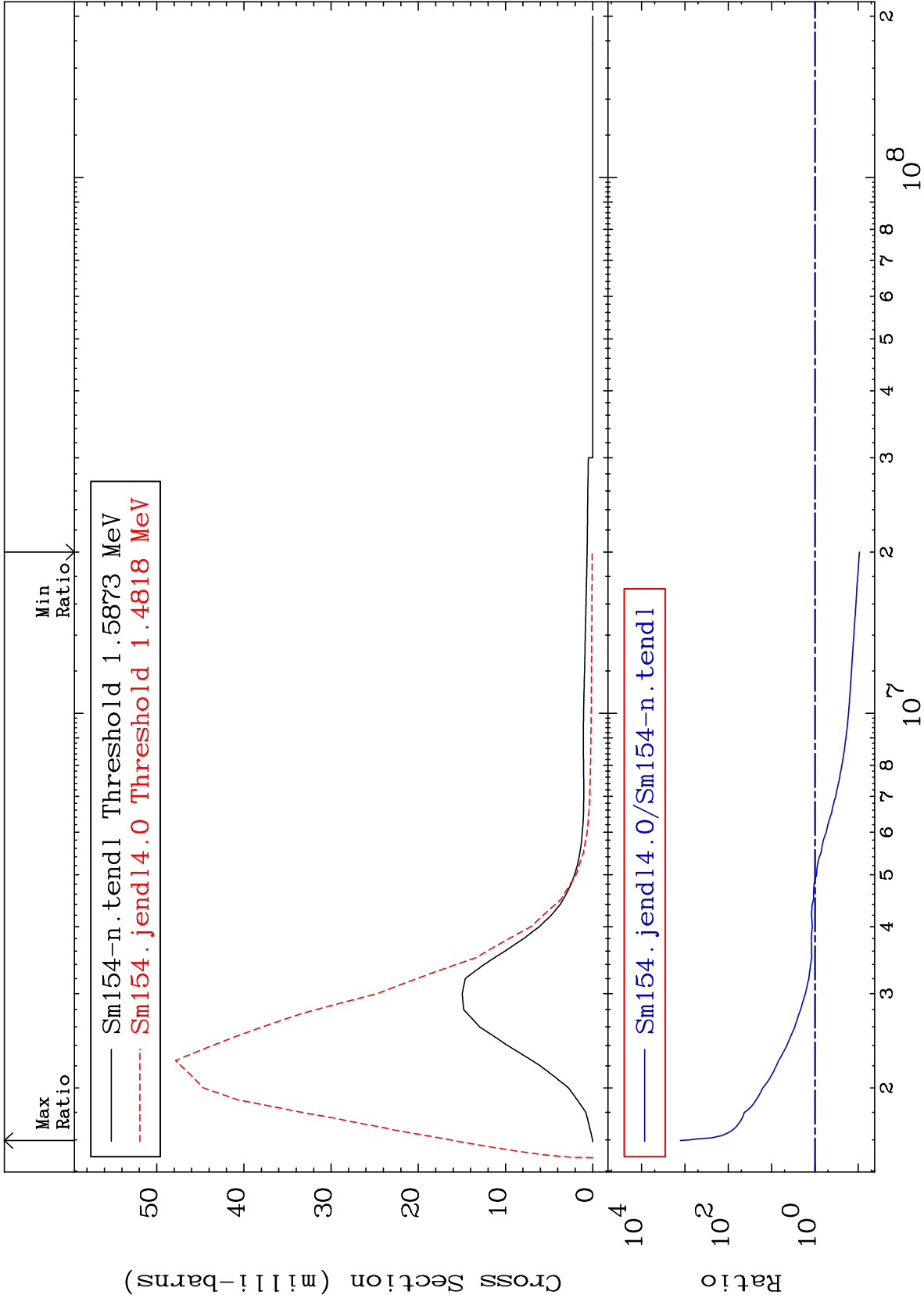
62-Sm-154
-51.50 To 9999. %



MAT 6255

1.577 MeV (n,n') Level
Cross Section

62-Sm-154
-90.61 To 9999. %

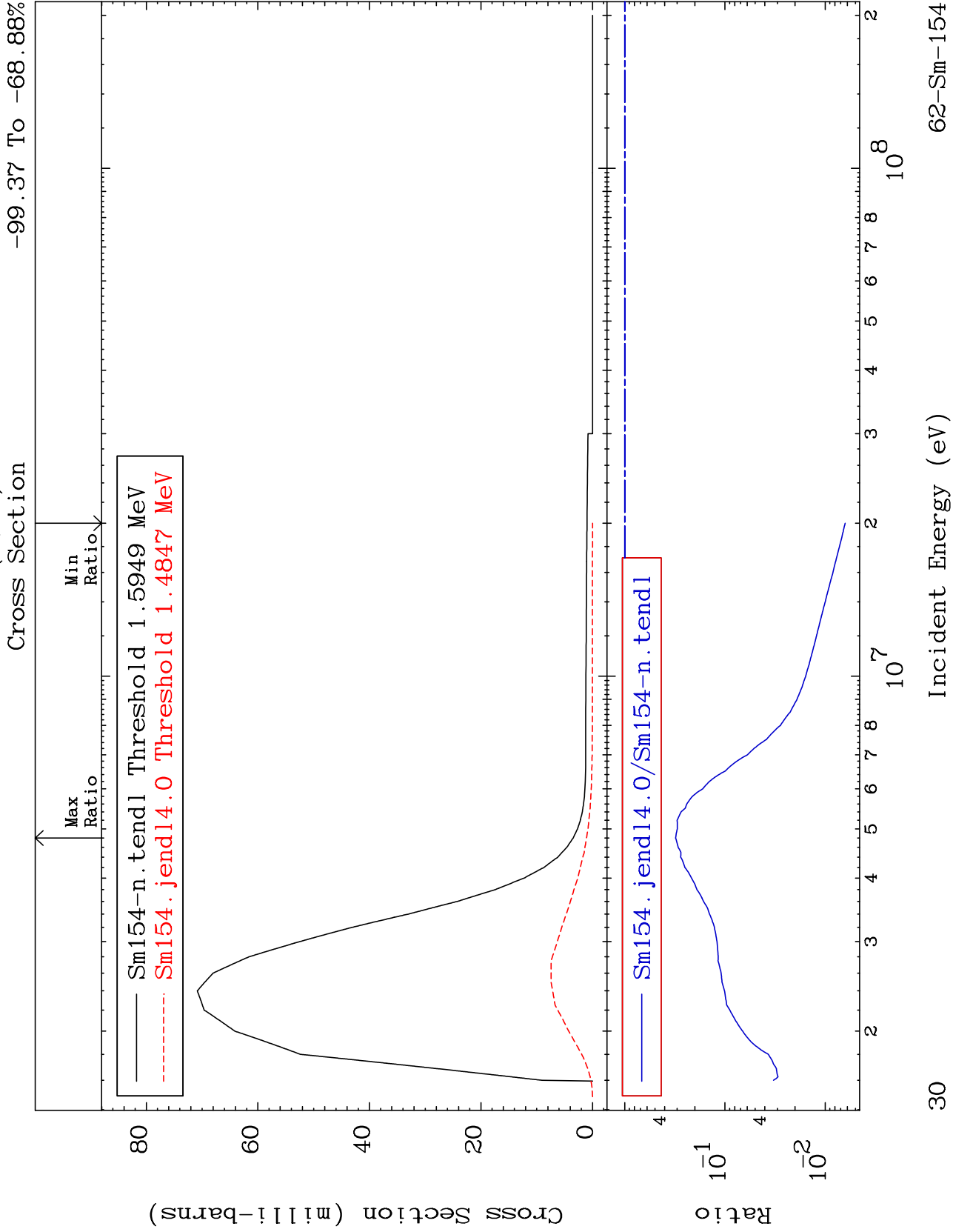


MAT 6255

1.585 MeV (n,n') Level

62-Sm-154

-99.37 To -68.88%



30

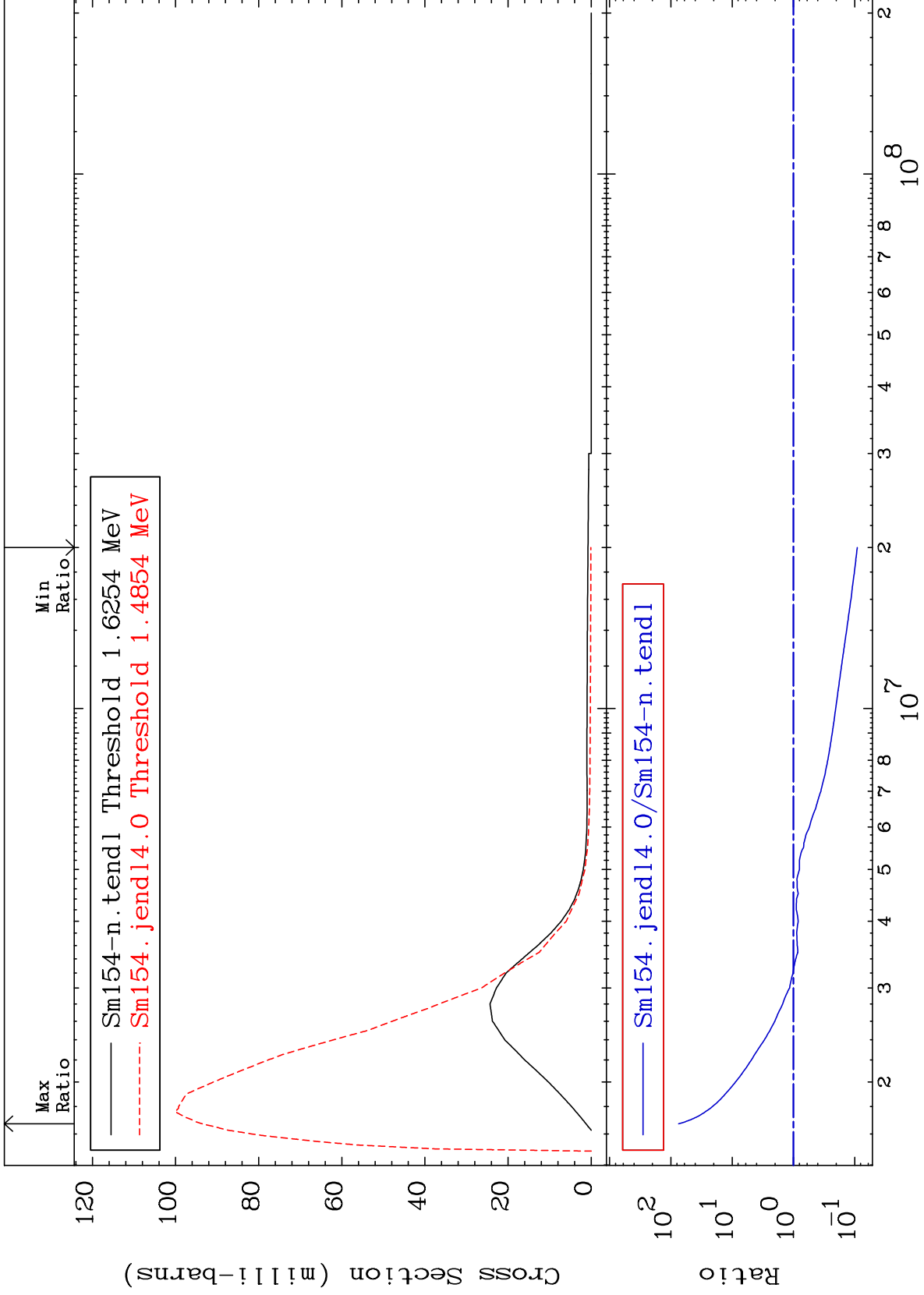
62-Sm-154

62-Sm-154

MAT 6255

1.615 MeV (n,n') Level
Cross Section

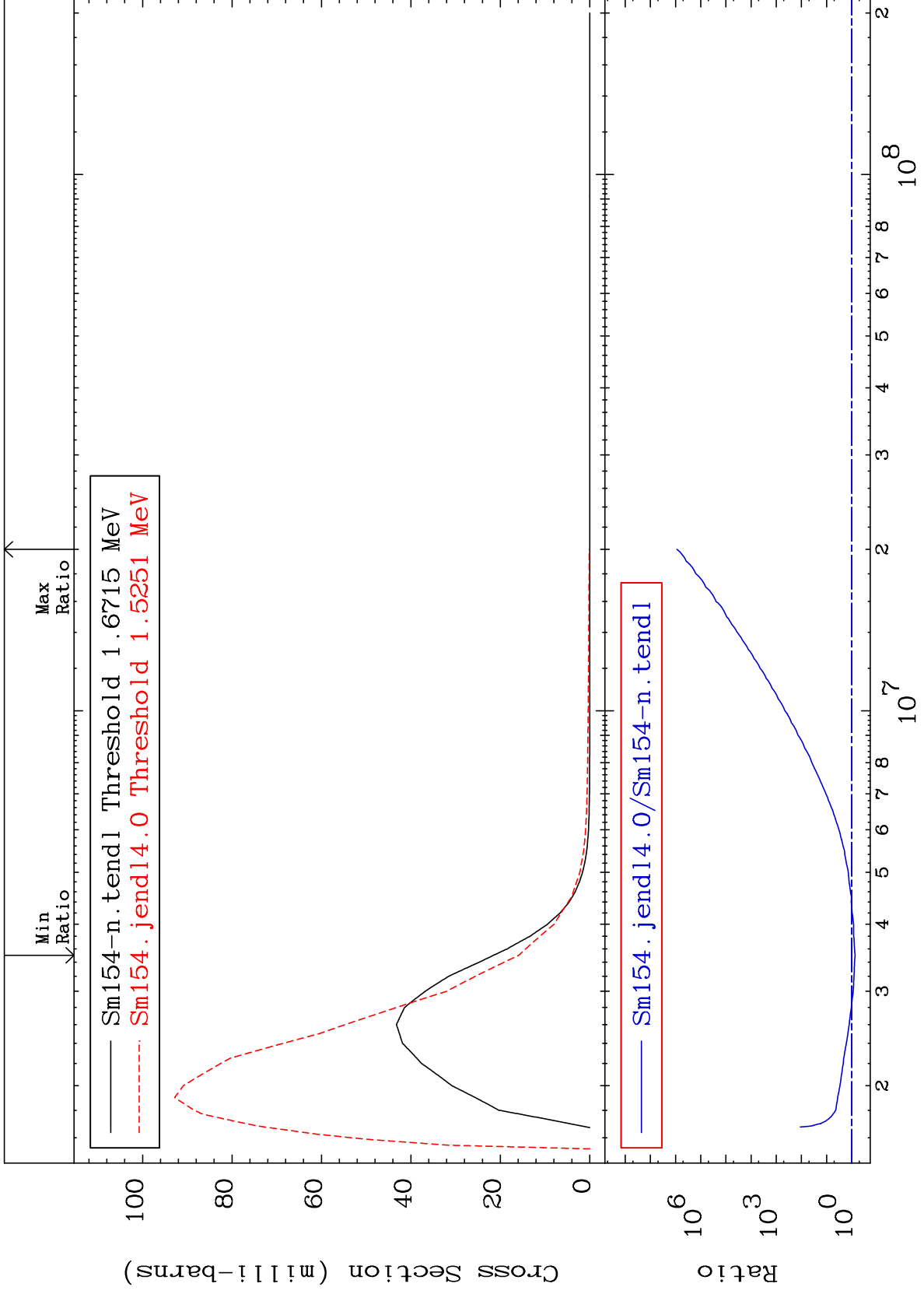
62-Sm-154
-90.91 To 7373. %



MAT 6255

1.661 MeV (n,n') Level
Cross Section

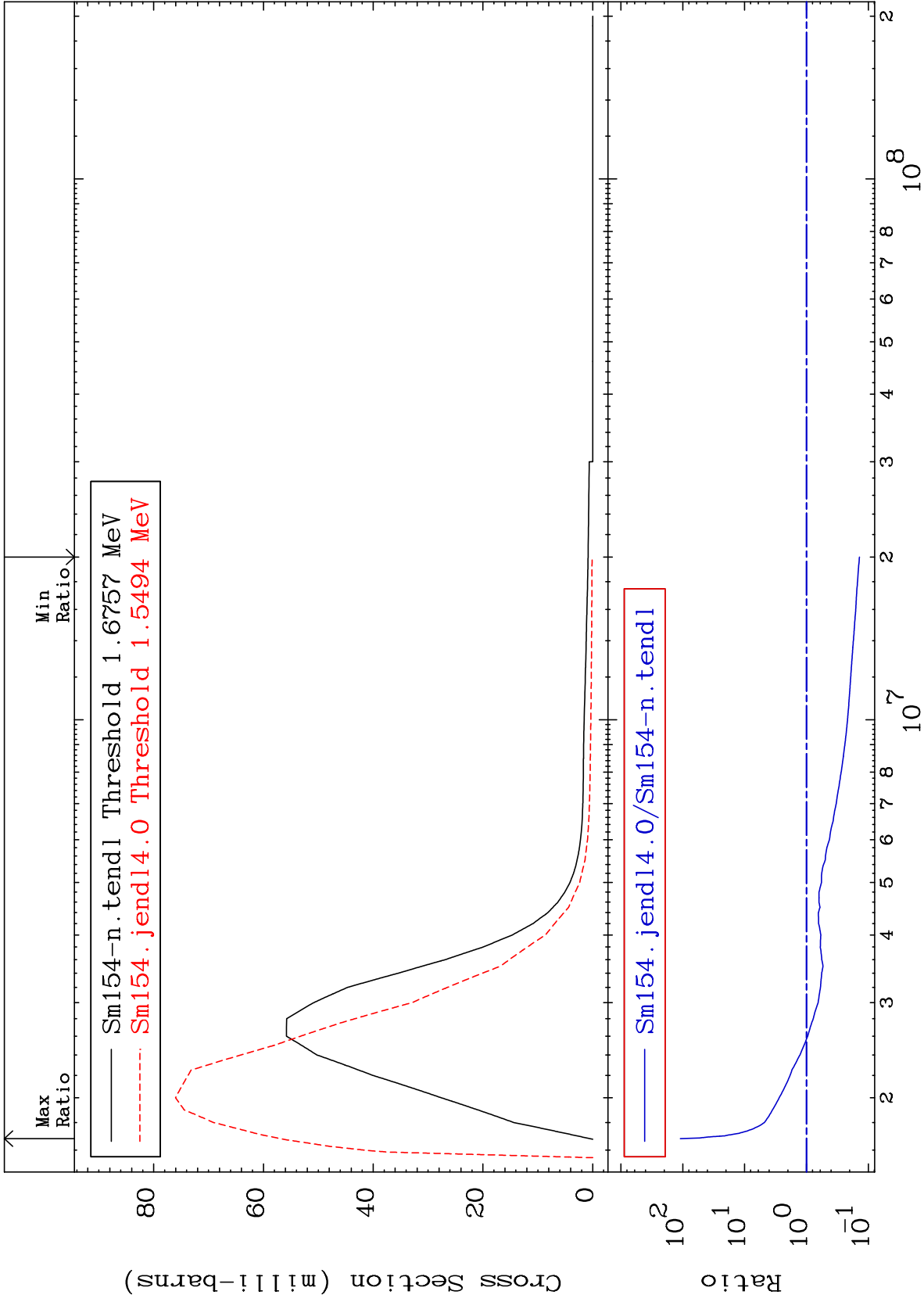
62-Sm-154
-26.29 To 9999. %



MAT 6255

1.665 MeV (n,n') Level
Cross Section

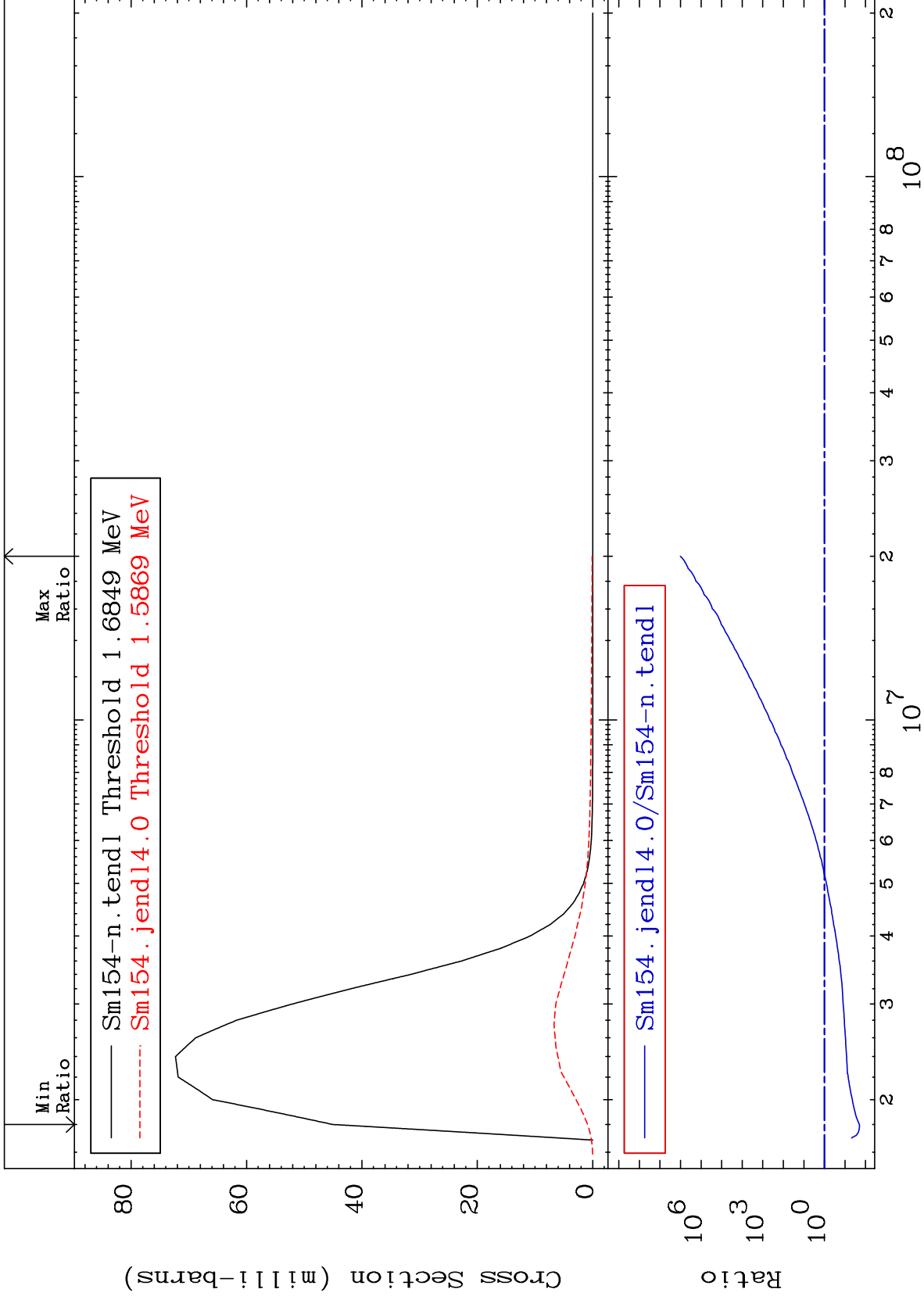
62-Sm-154
-86.08 To 9999. %



MAT 6255

1.674 MeV (n,n') Level
Cross Section

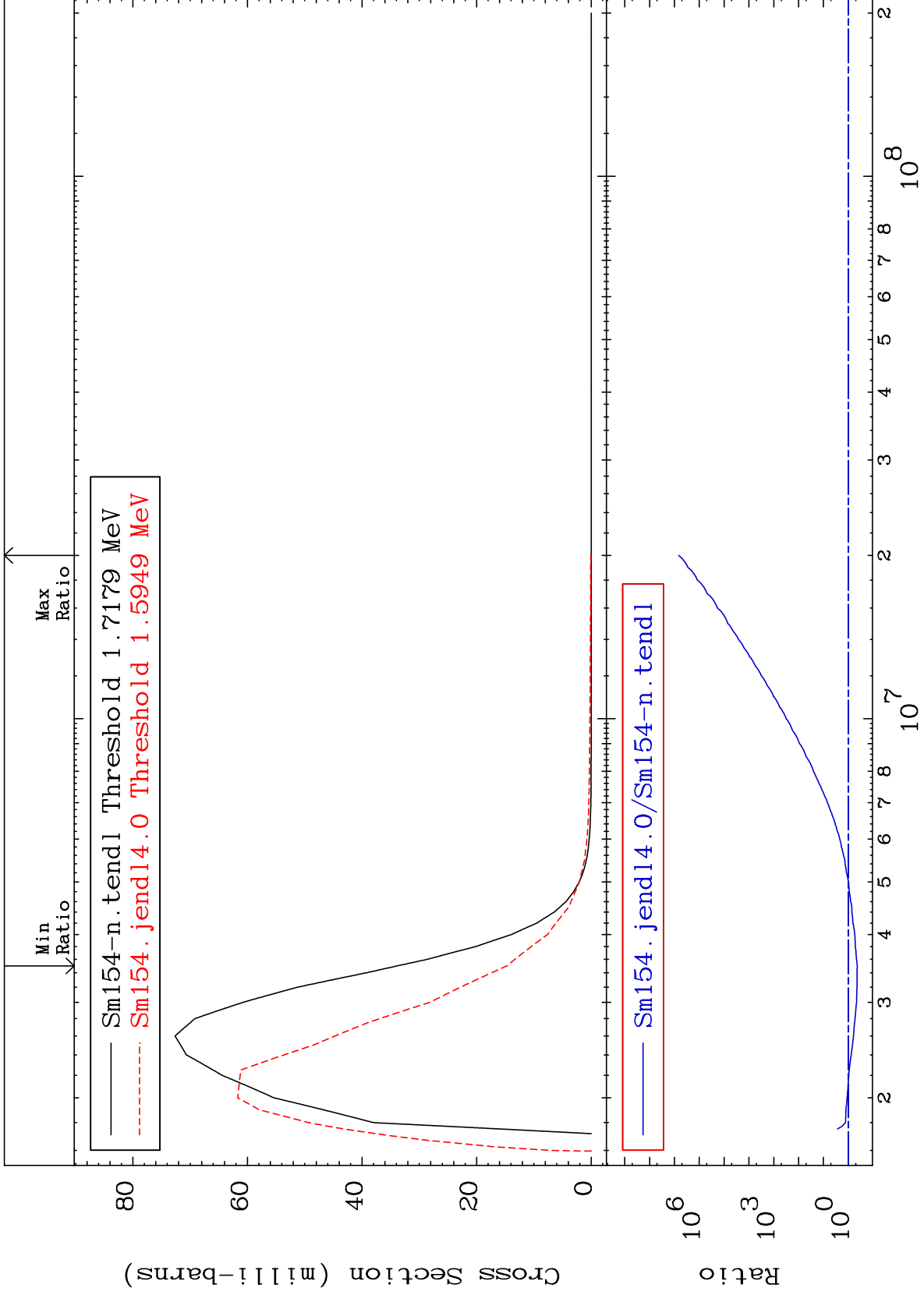
62-Sm-154
-98.02 To 9999. %



MAT 6255

1.707 MeV (n,n') Level
Cross Section

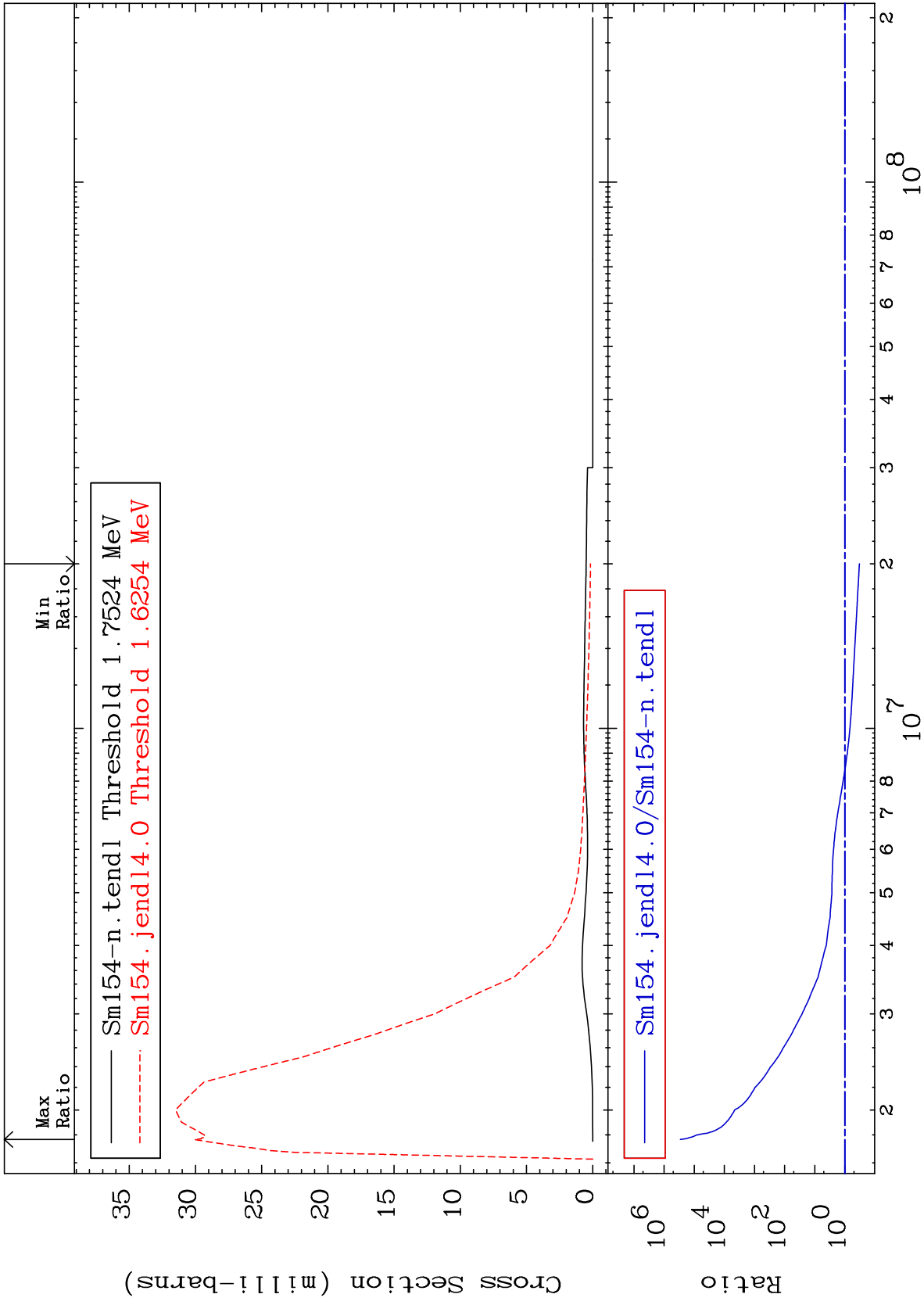
62-Sm-154
-56.56 To 9999. %



MAT 6255

1.741 MeV (n,n') Level
Cross Section

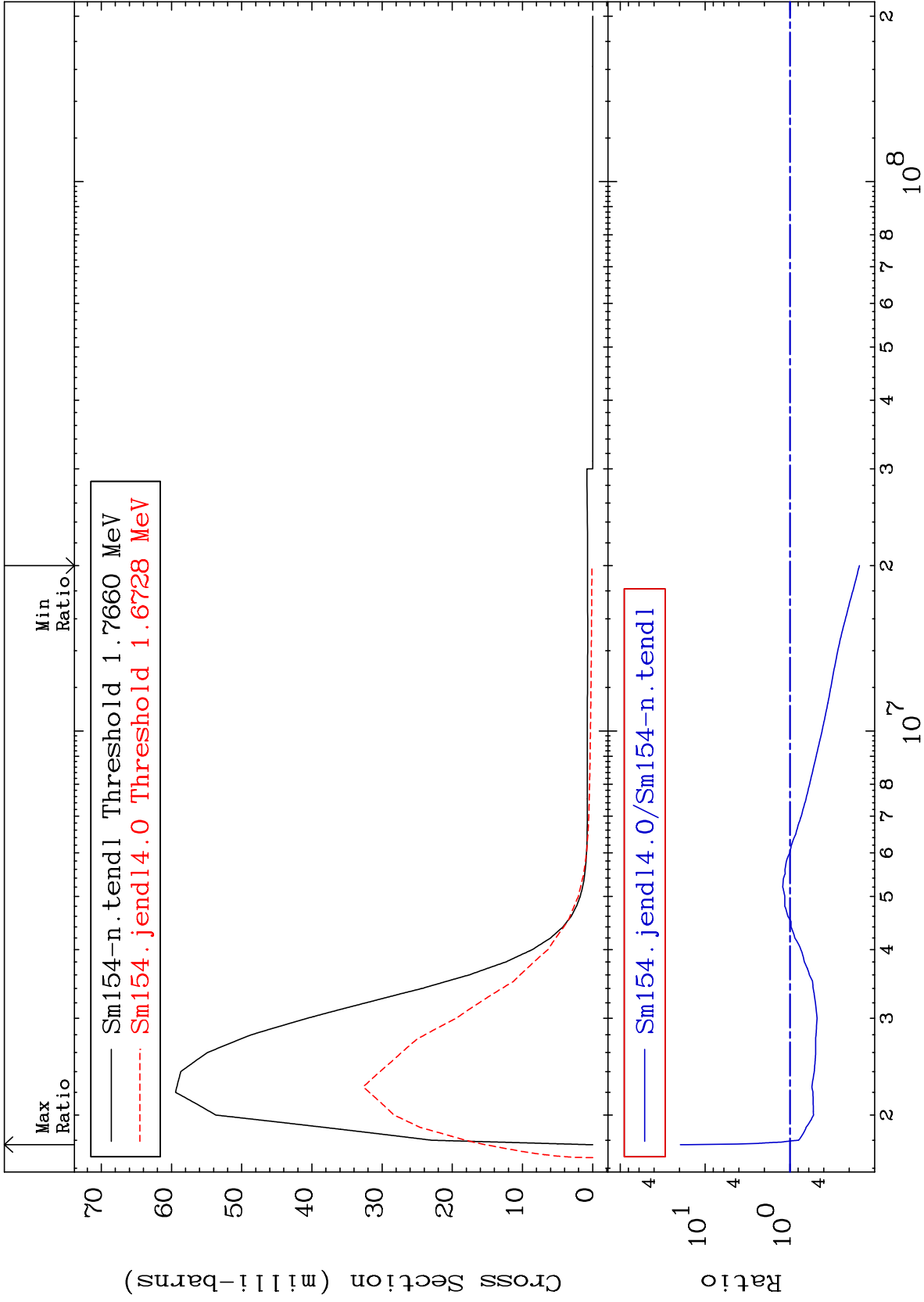
62-Sm-154
-67.10 To 9999. %



MAT 6255

1.755 MeV (n,n') Level
Cross Section

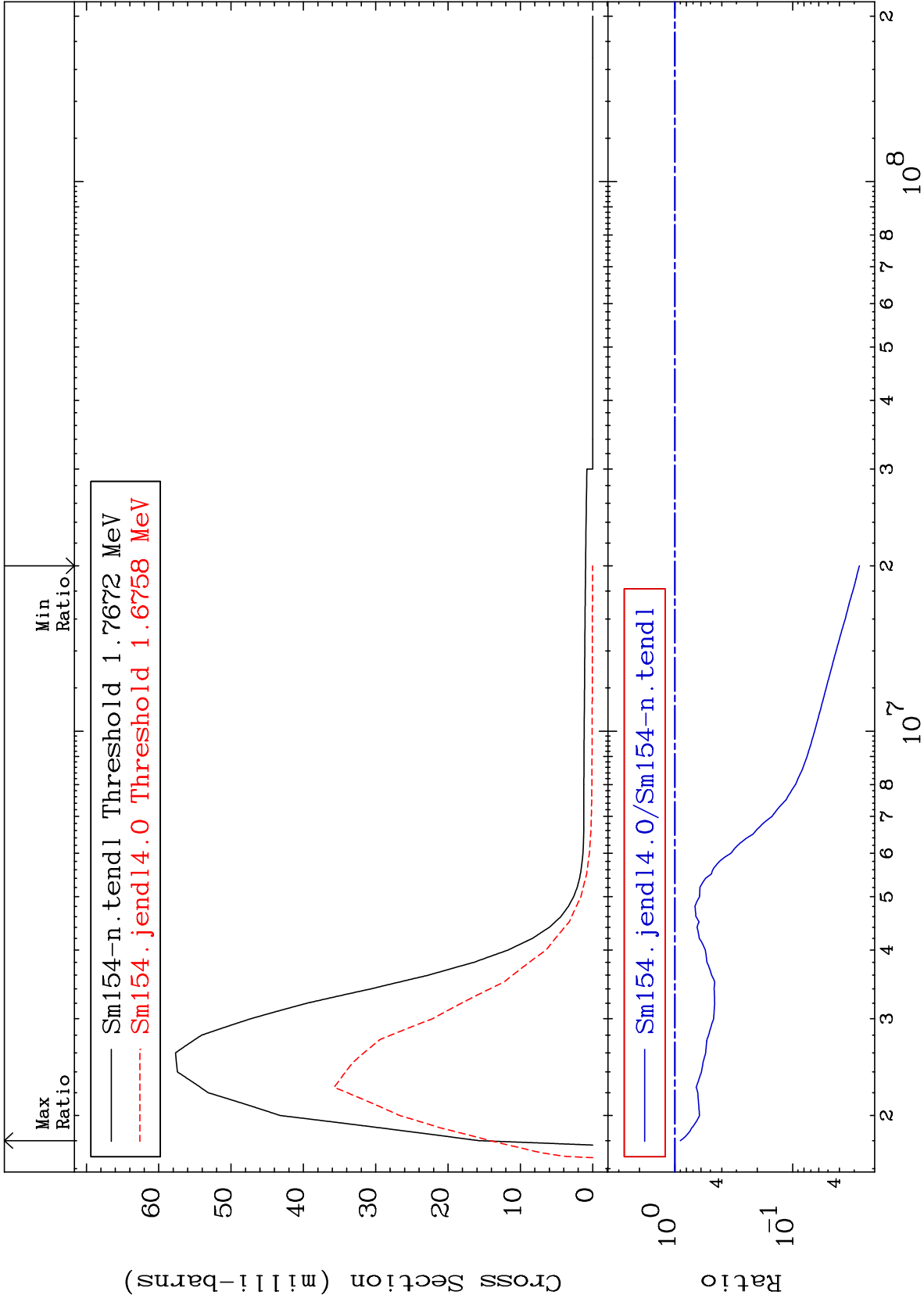
62-Sm-154
-84.85 To 1857. %



MAT 6255

1.756 MeV (n,n') Level
Cross Section

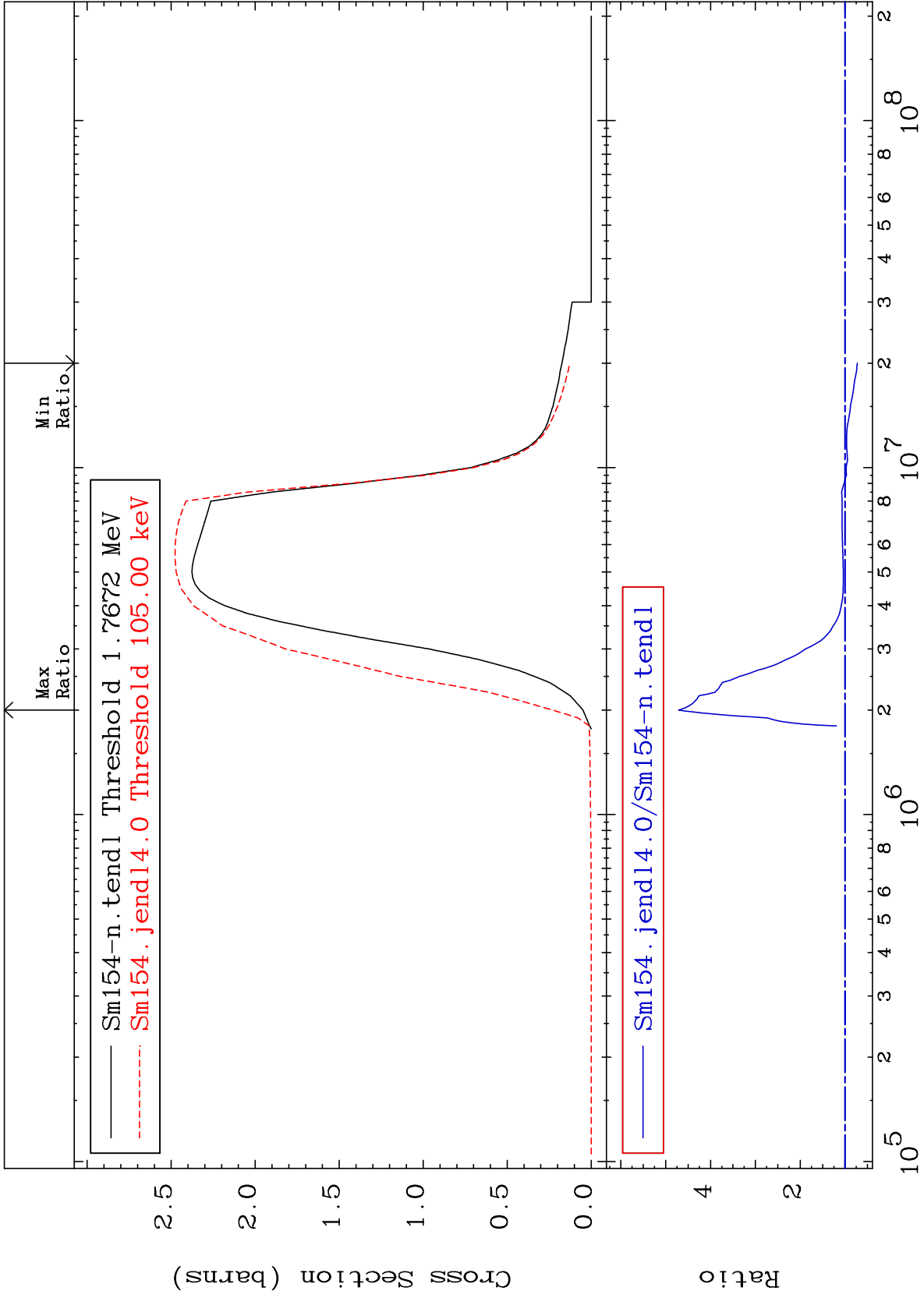
62-Sm-154
-97.29 To -10.17%



MAT 6255

(n, n') Continuum
Cross Section

62-Sm-154
-27.18 To 371.2 %



39

62-Sm-154

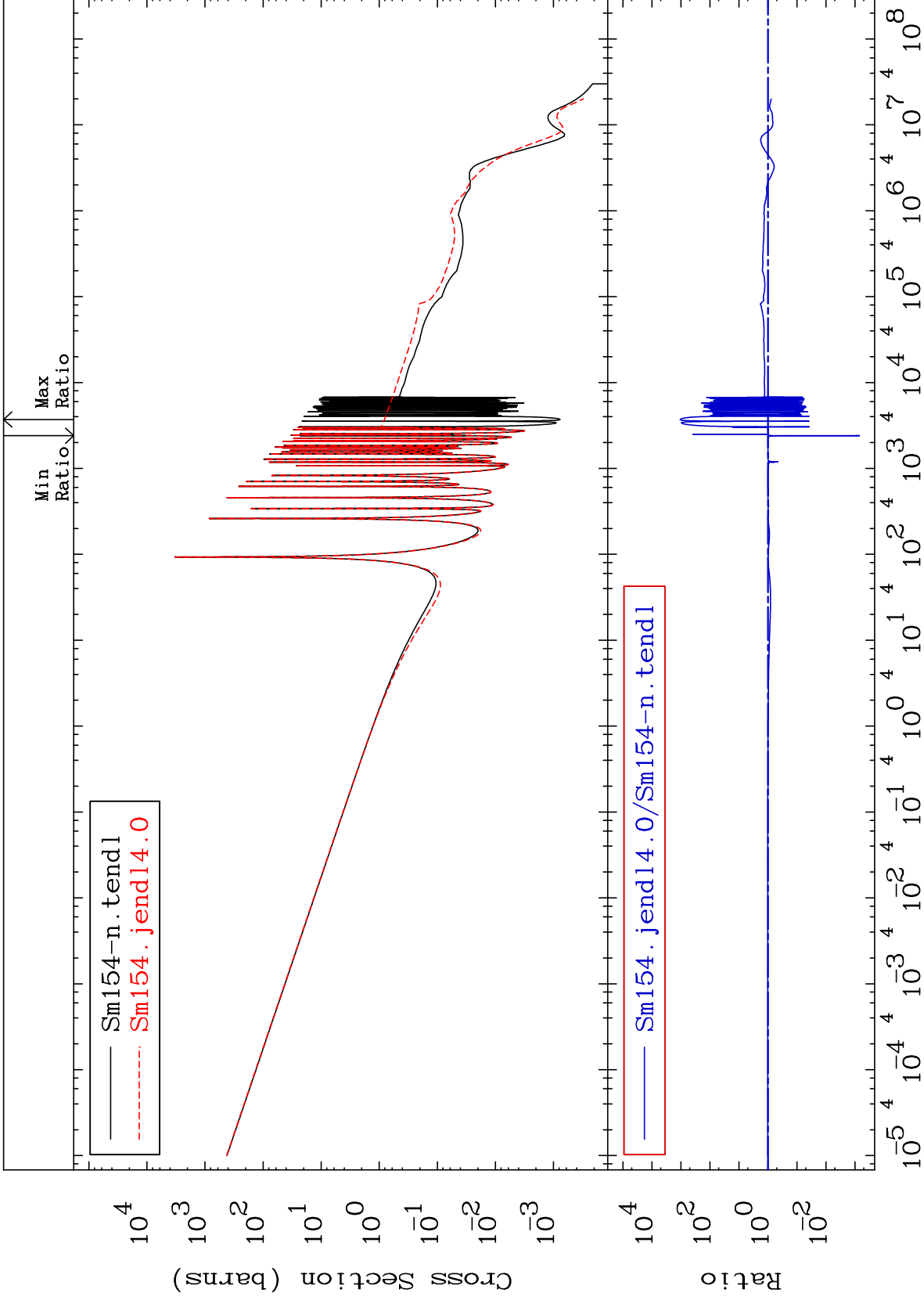
MAT 6255

(n, γ)

62-Sm-154

Cross Section

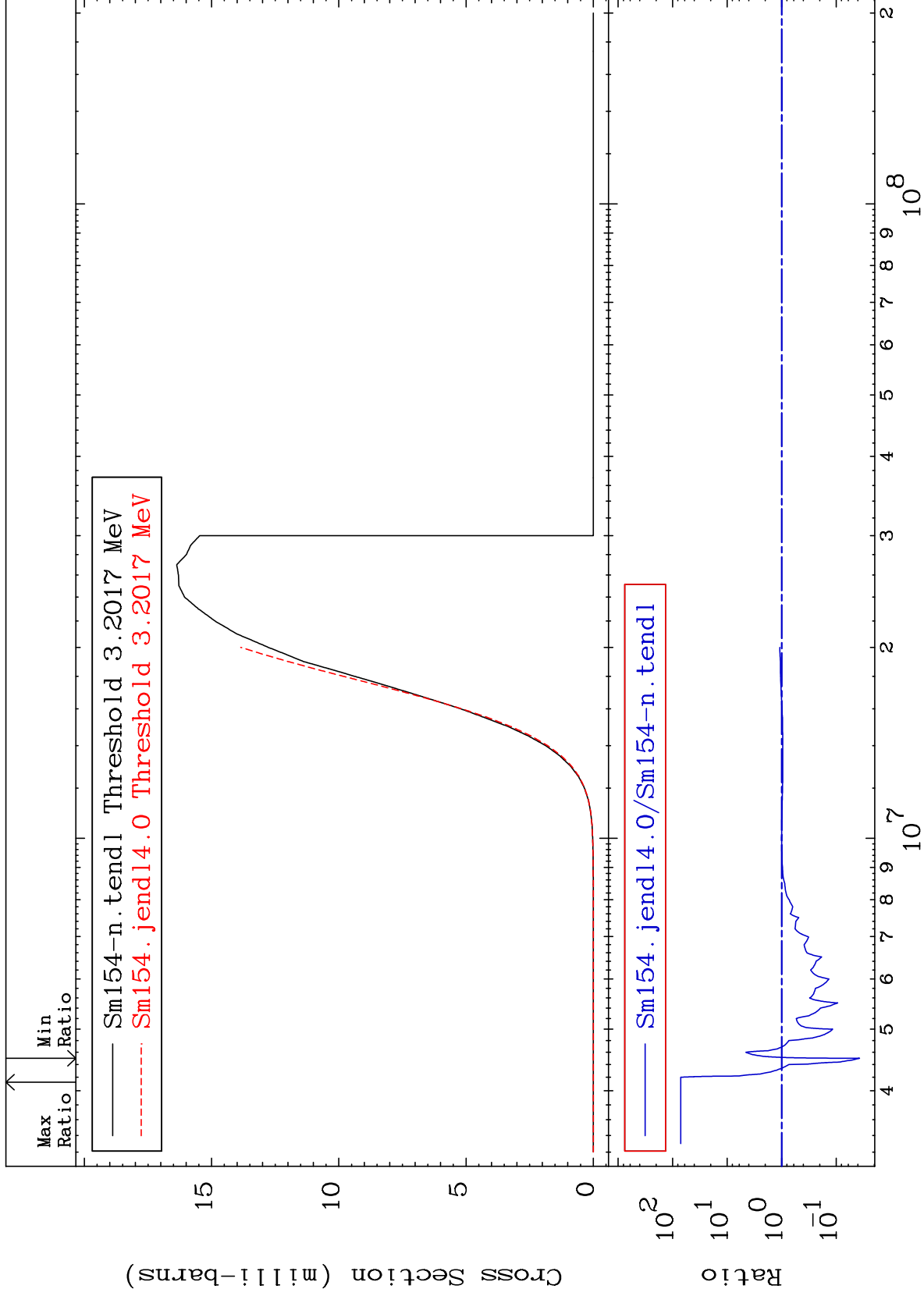
-99.93 To 9999. %



40

Incident Energy (eV)

62-Sm-154



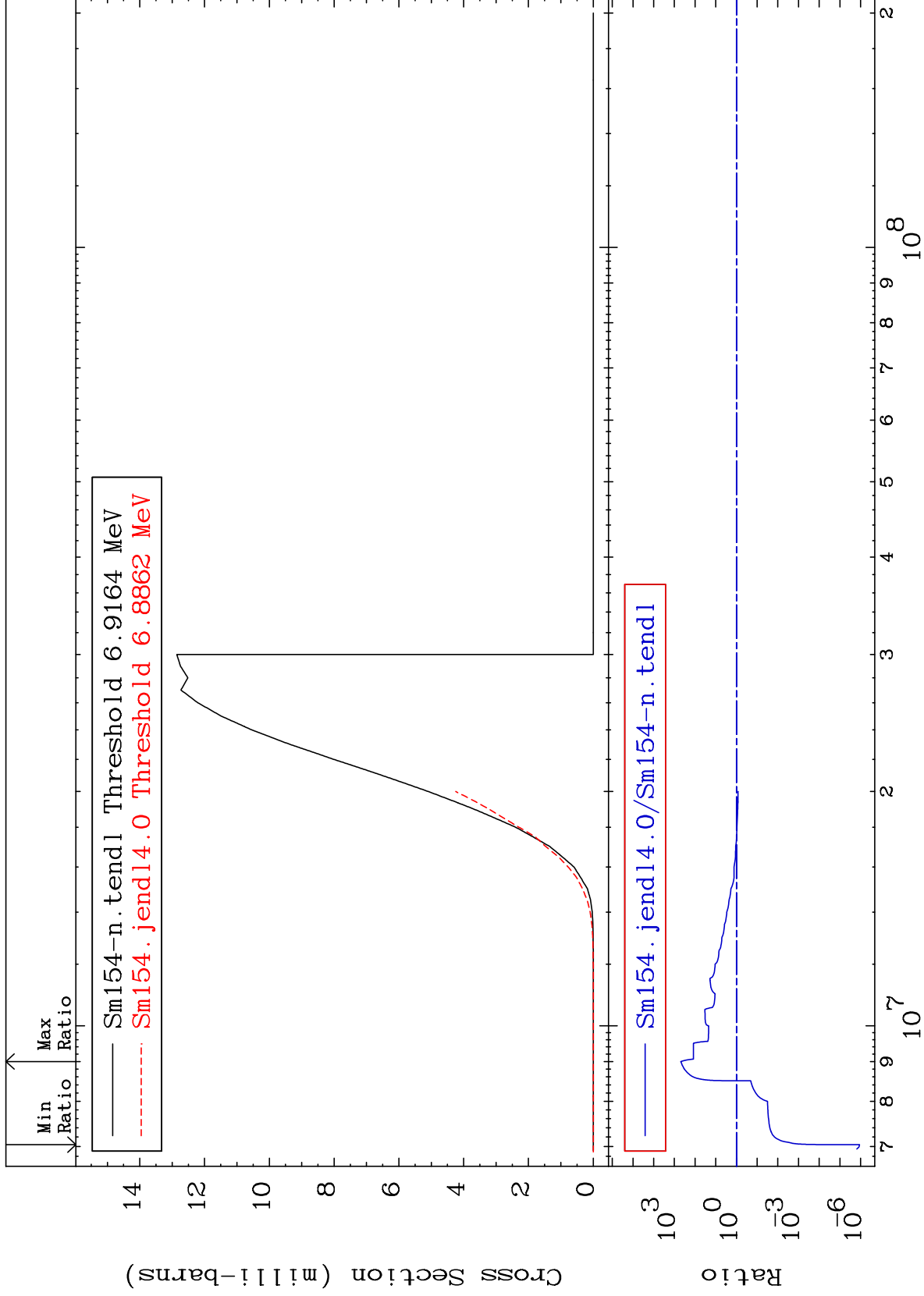
MAT 6255

(n, d)

62-Sm-154

Cross Section

-100.0 To 9999. %

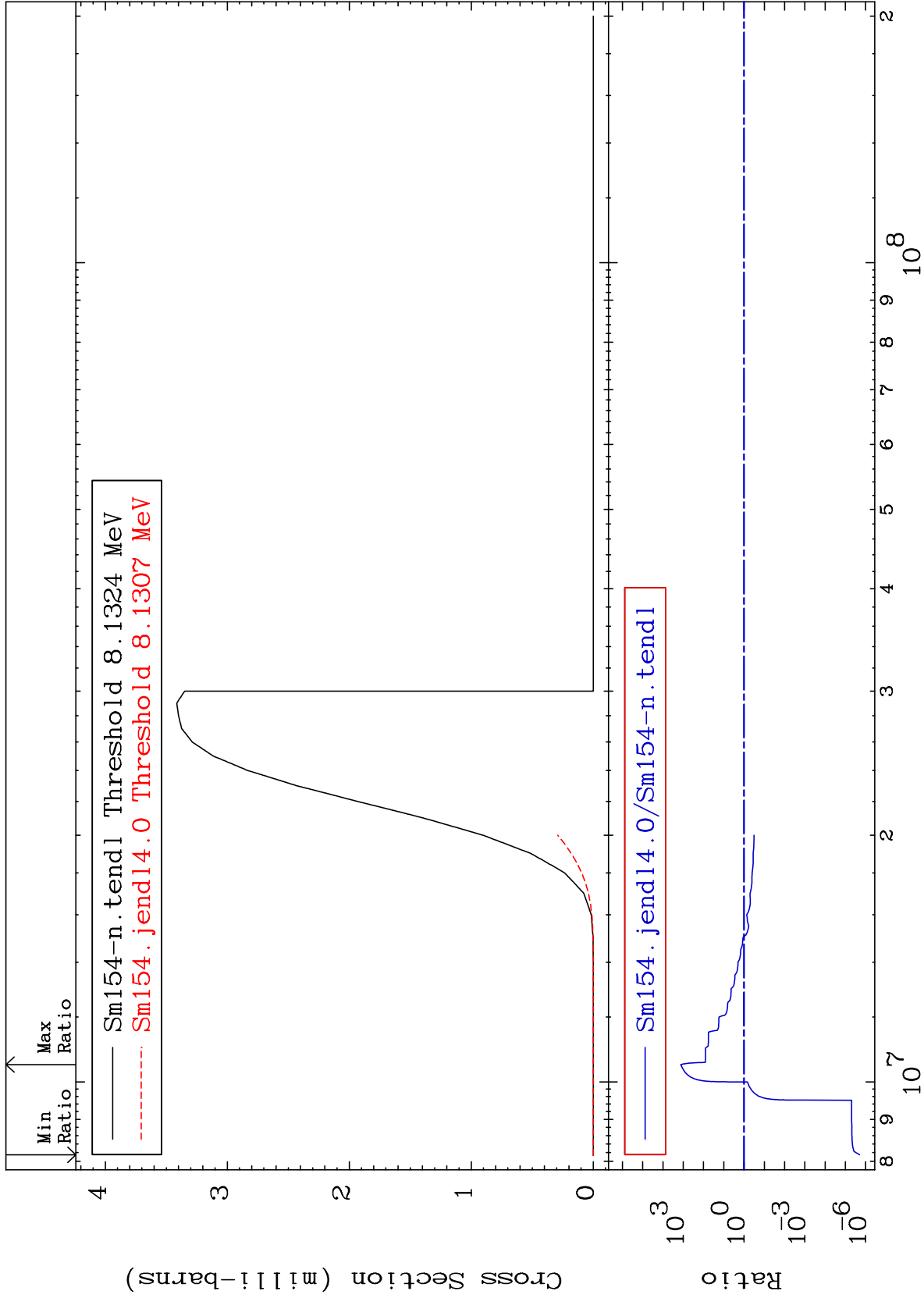


MAT 6255

62-Sm-154

(n, t)
Cross Section

-100.0 To 9999. %



43

62-Sm-154

62-Sm-154

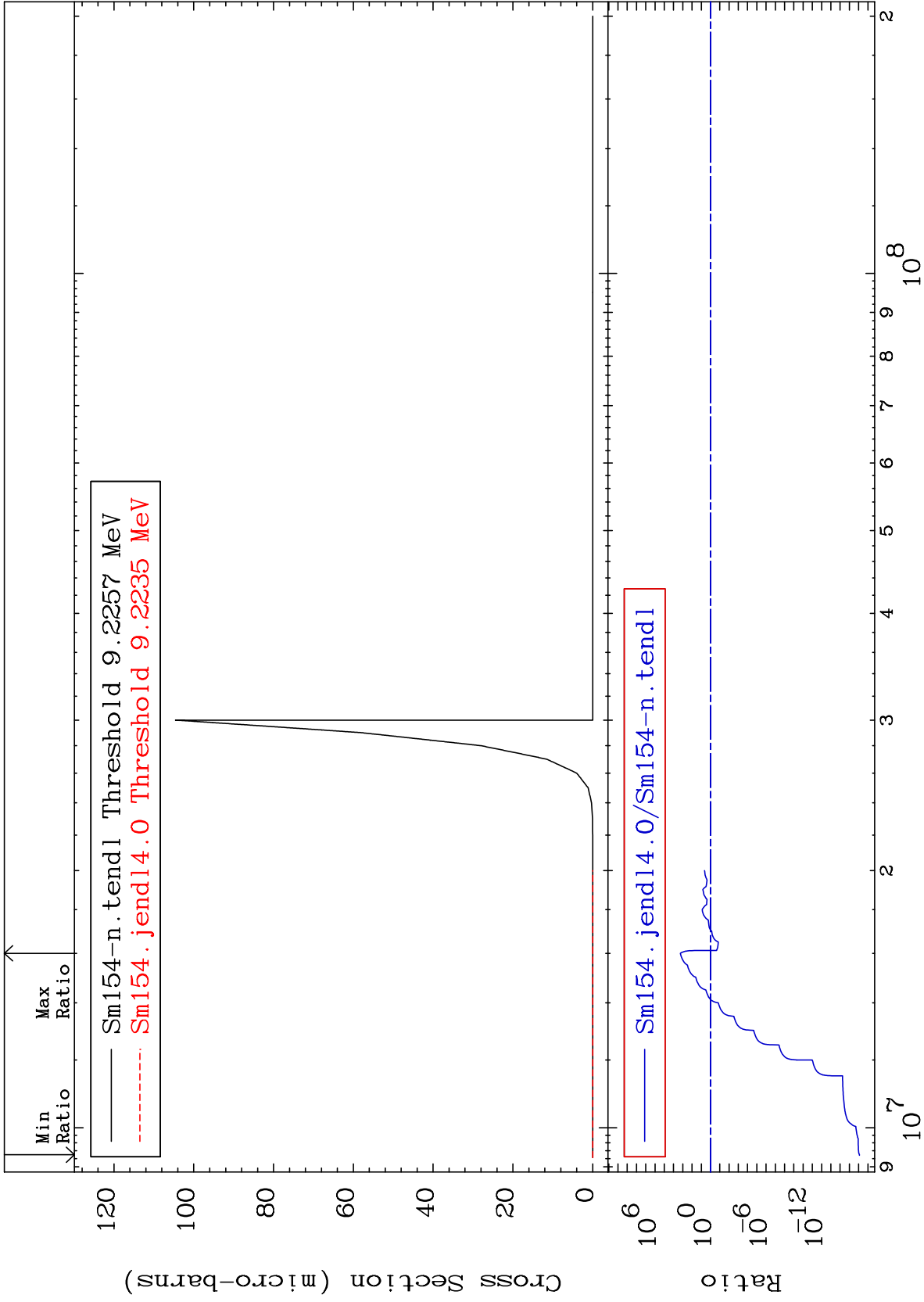
MAT 6255

(n, He-3)

62-Sm-154

Cross Section

-100.0 To 9999. %



44

Incident Energy (eV)

62-Sm-154

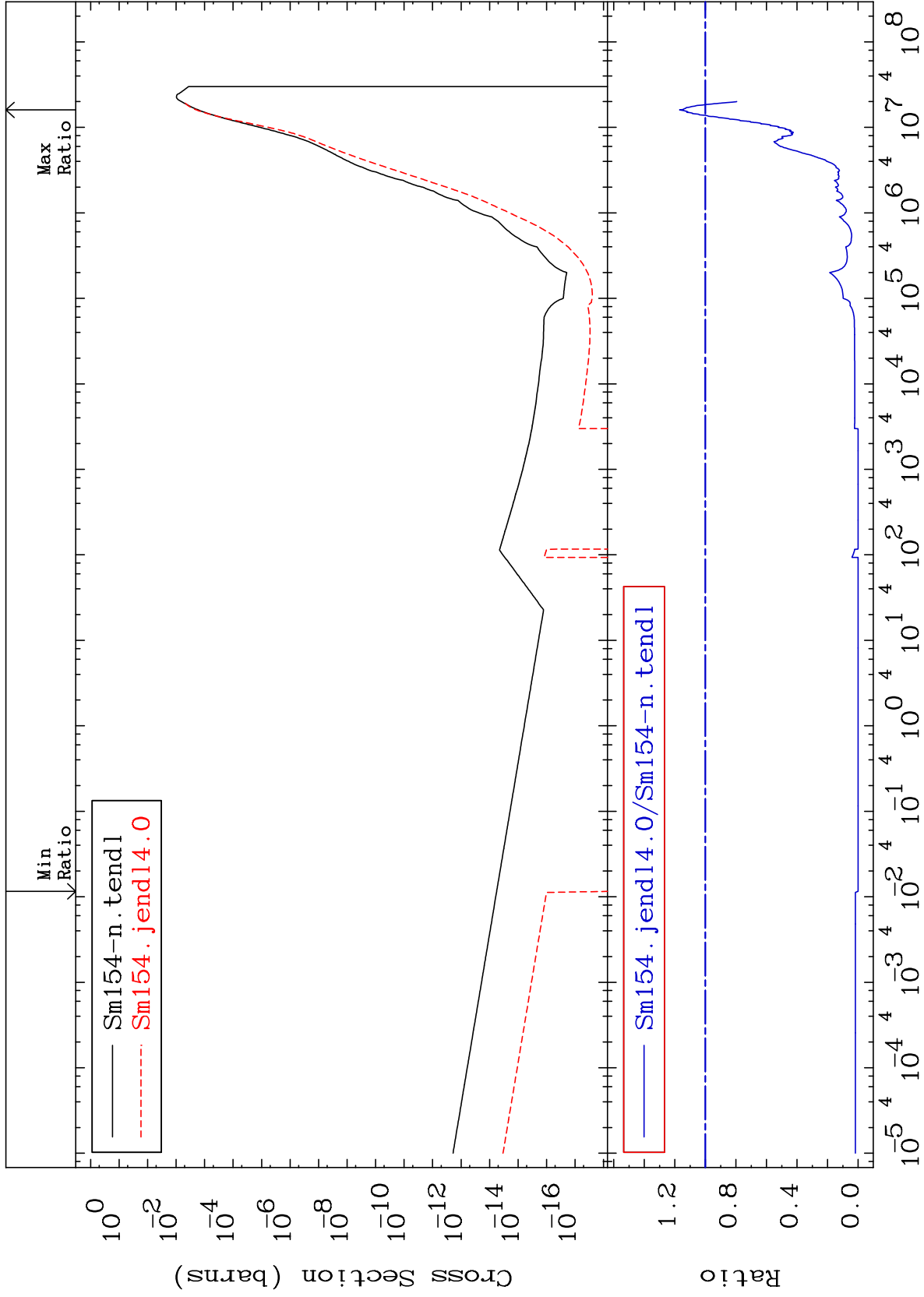
MAT 6255

(n, α)

62-Sm-154

Cross Section

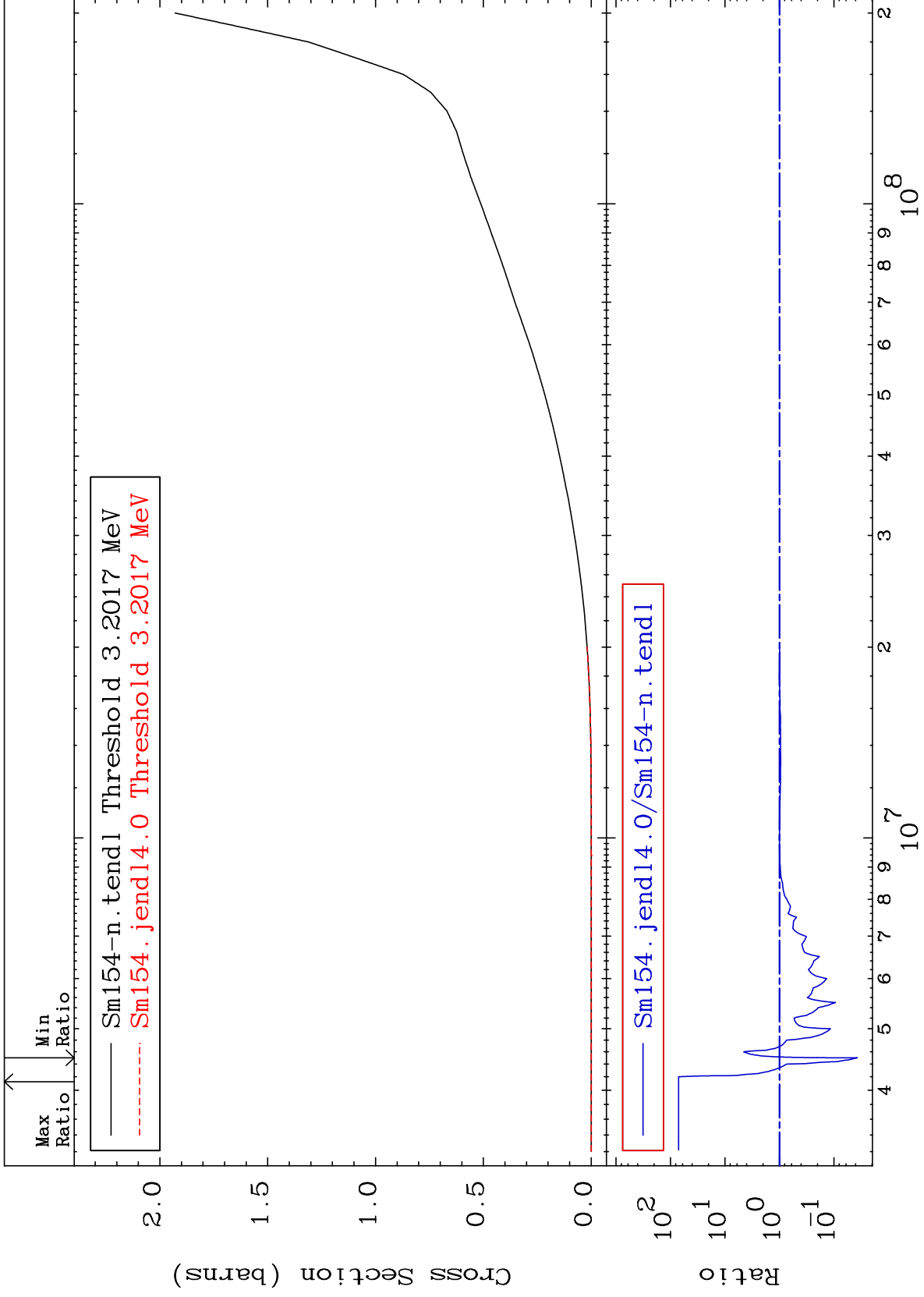
-100.0 To 16.87 %



45

Incident Energy (eV)

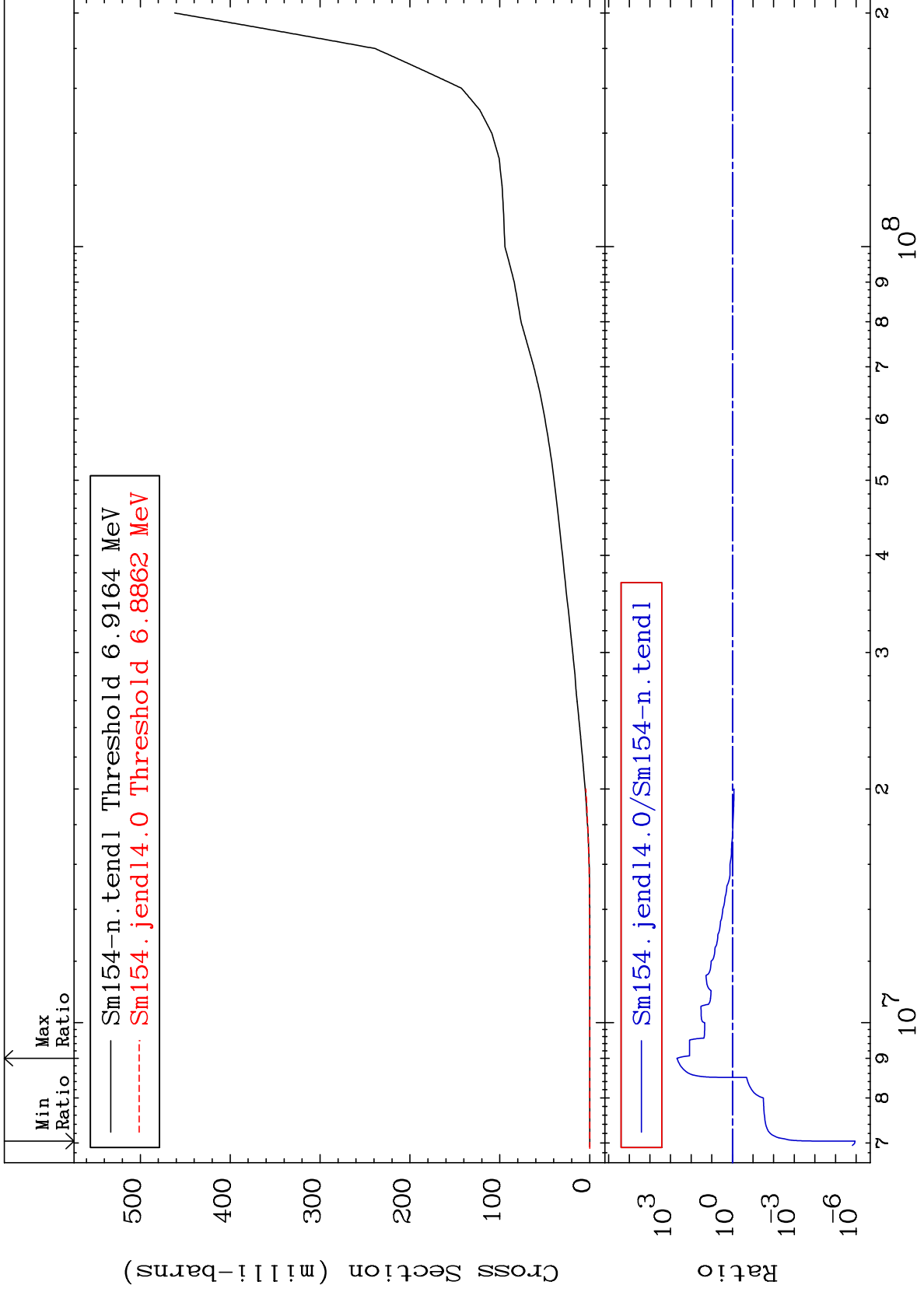
62-Sm-154



MAT 6255

Deuterium Production
Cross Section

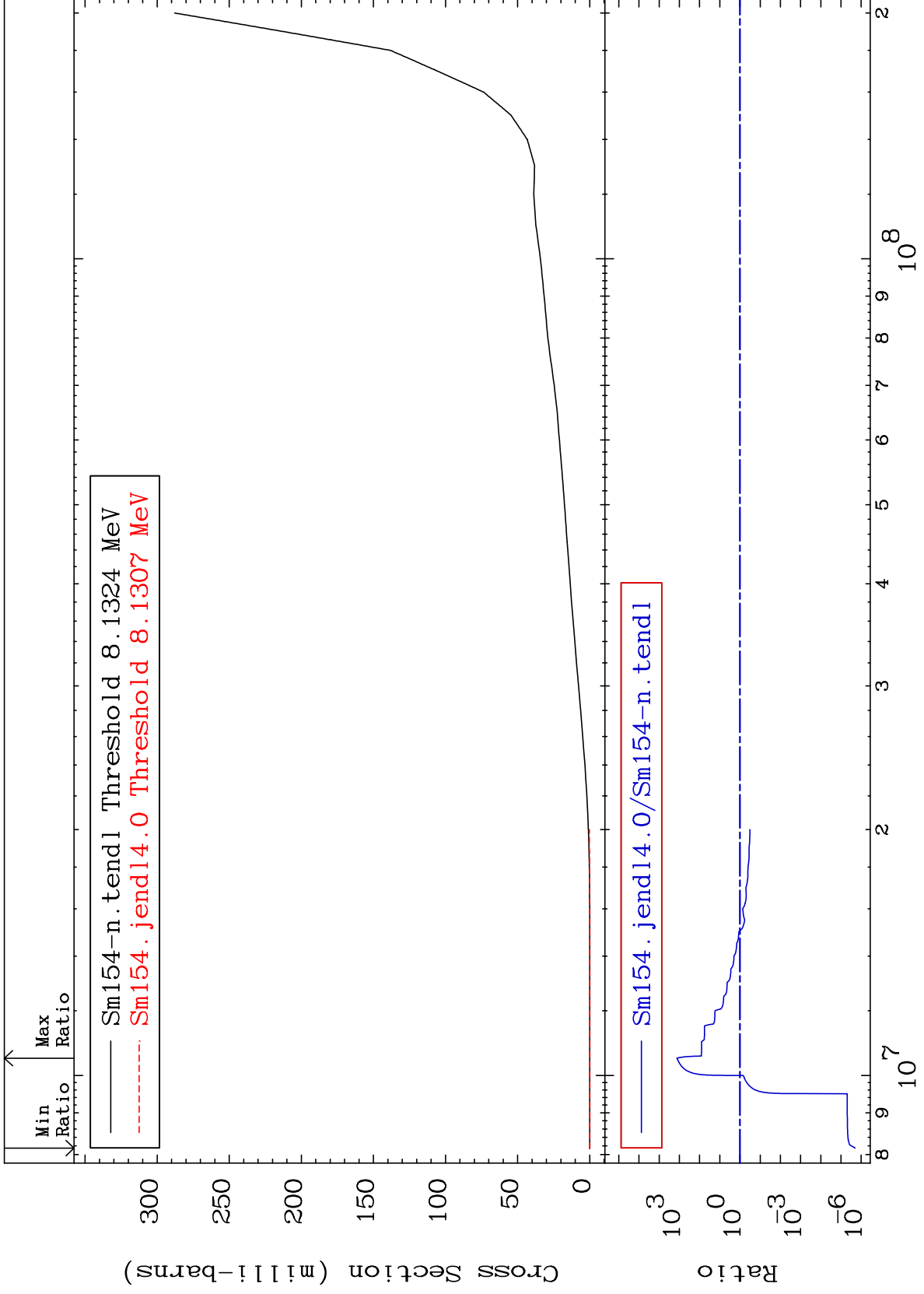
62-Sm-154
-100.0 To 9999. %



MAT 6255

Tritium Production
Cross Section

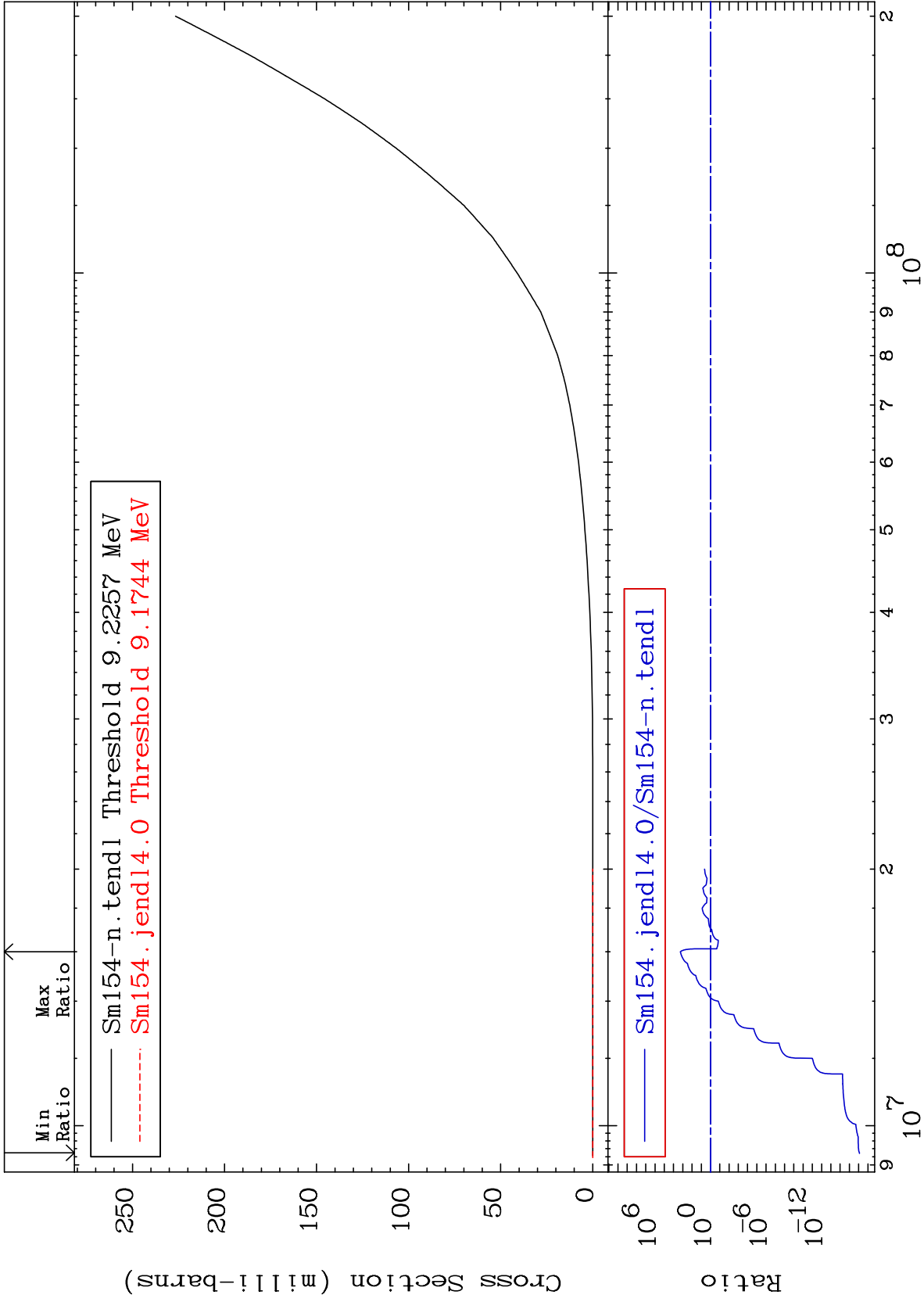
62-Sm-154
-100.0 To 9999. %



MAT 6255

He-3 Production
Cross Section

62-Sm-154
-100.0 To 9999. %



49

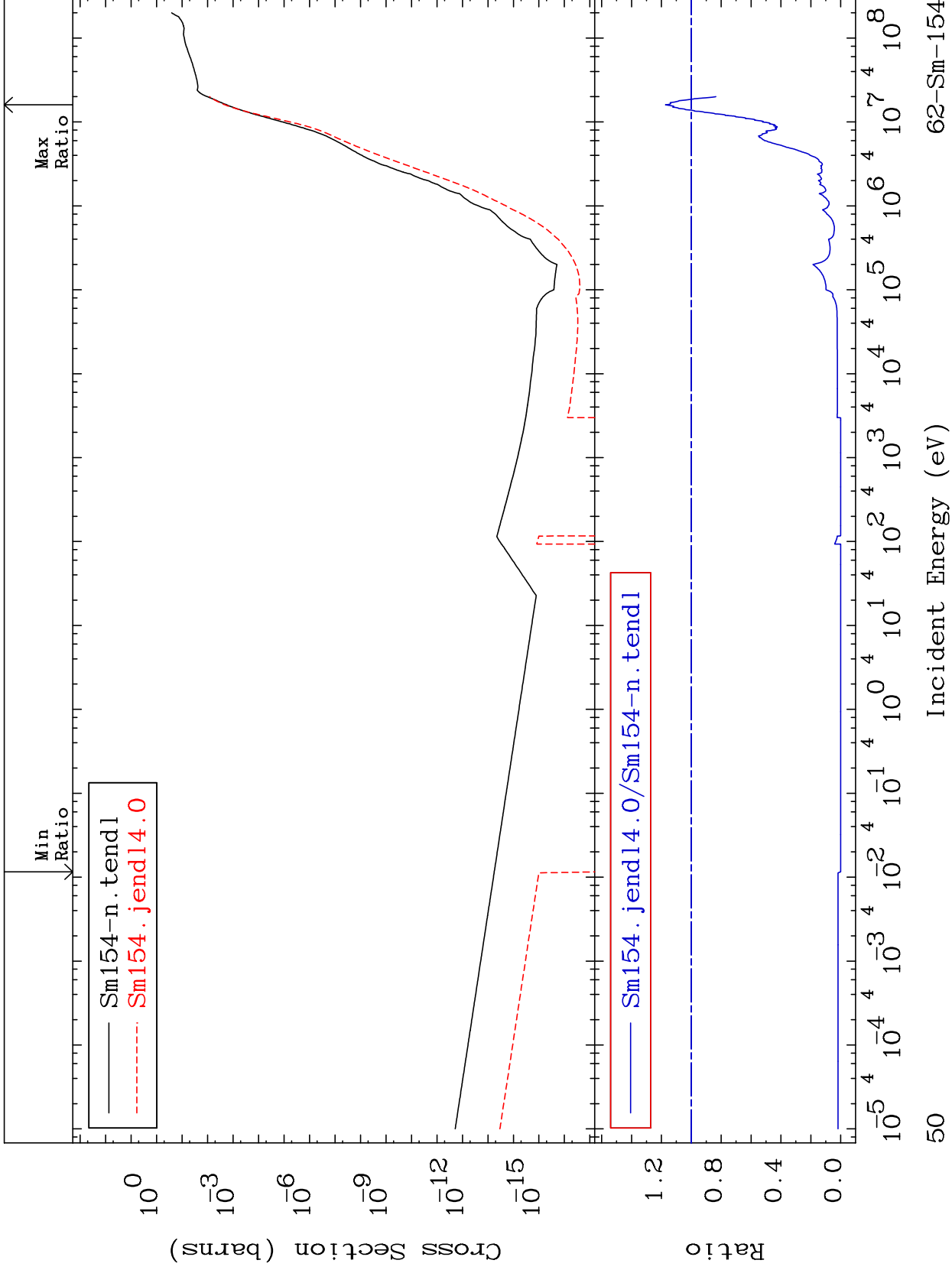
Incident Energy (eV)

62-Sm-154

MAT 6255

He-4 Production
Cross Section

62-Sm-154
-100.0 To 17.25 %

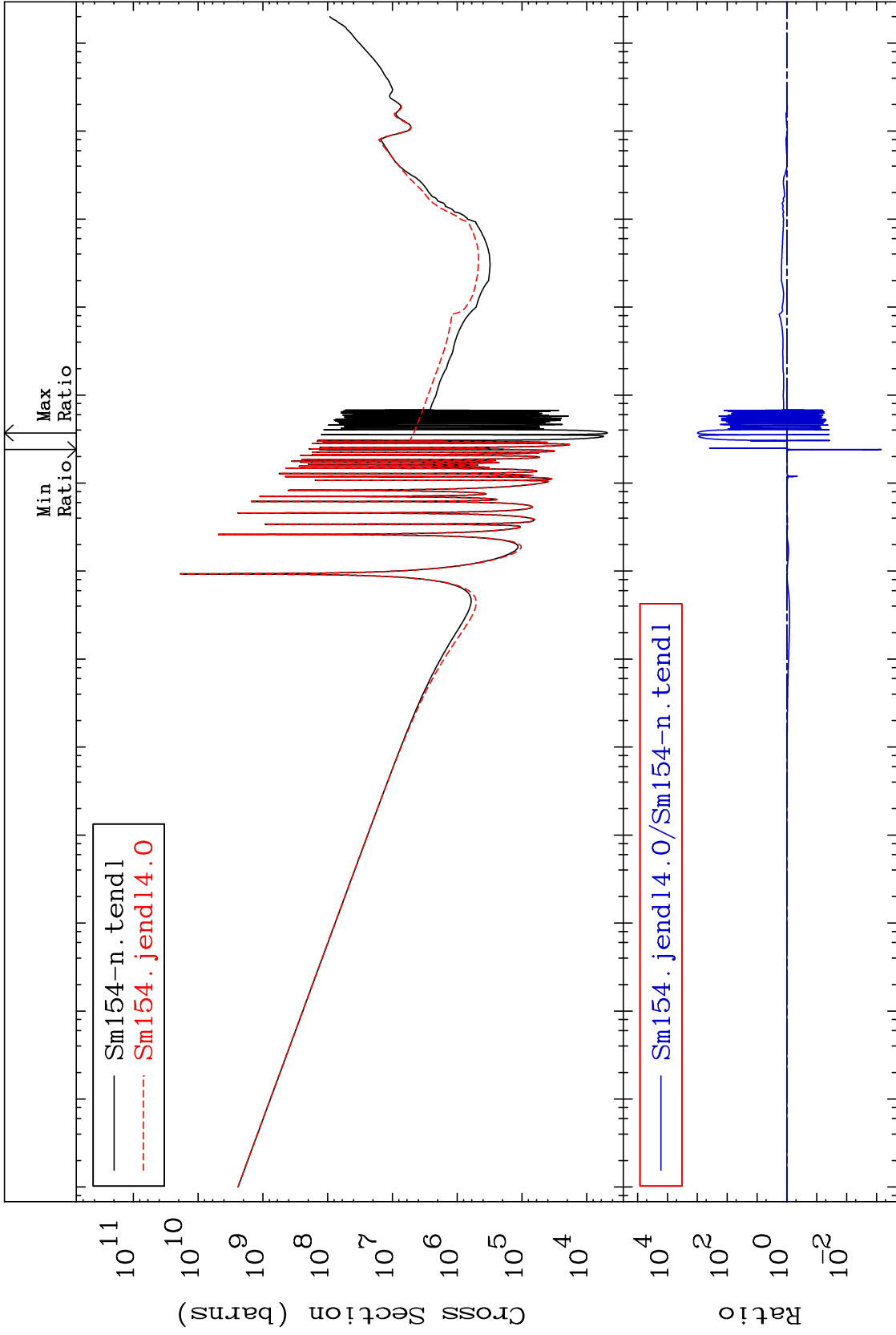


50

62-Sm-154

Cross Section

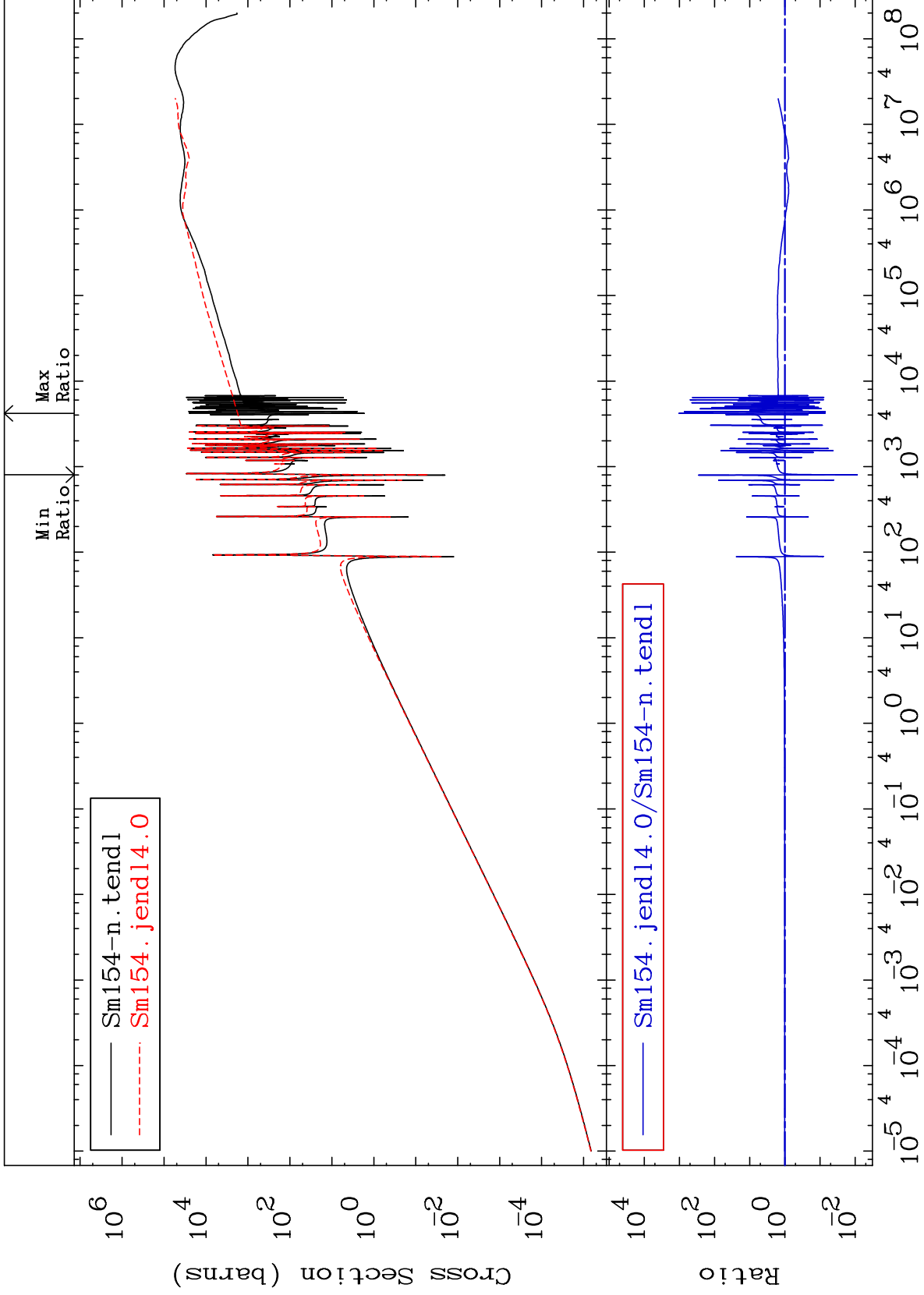
-99.93 To 9999. %

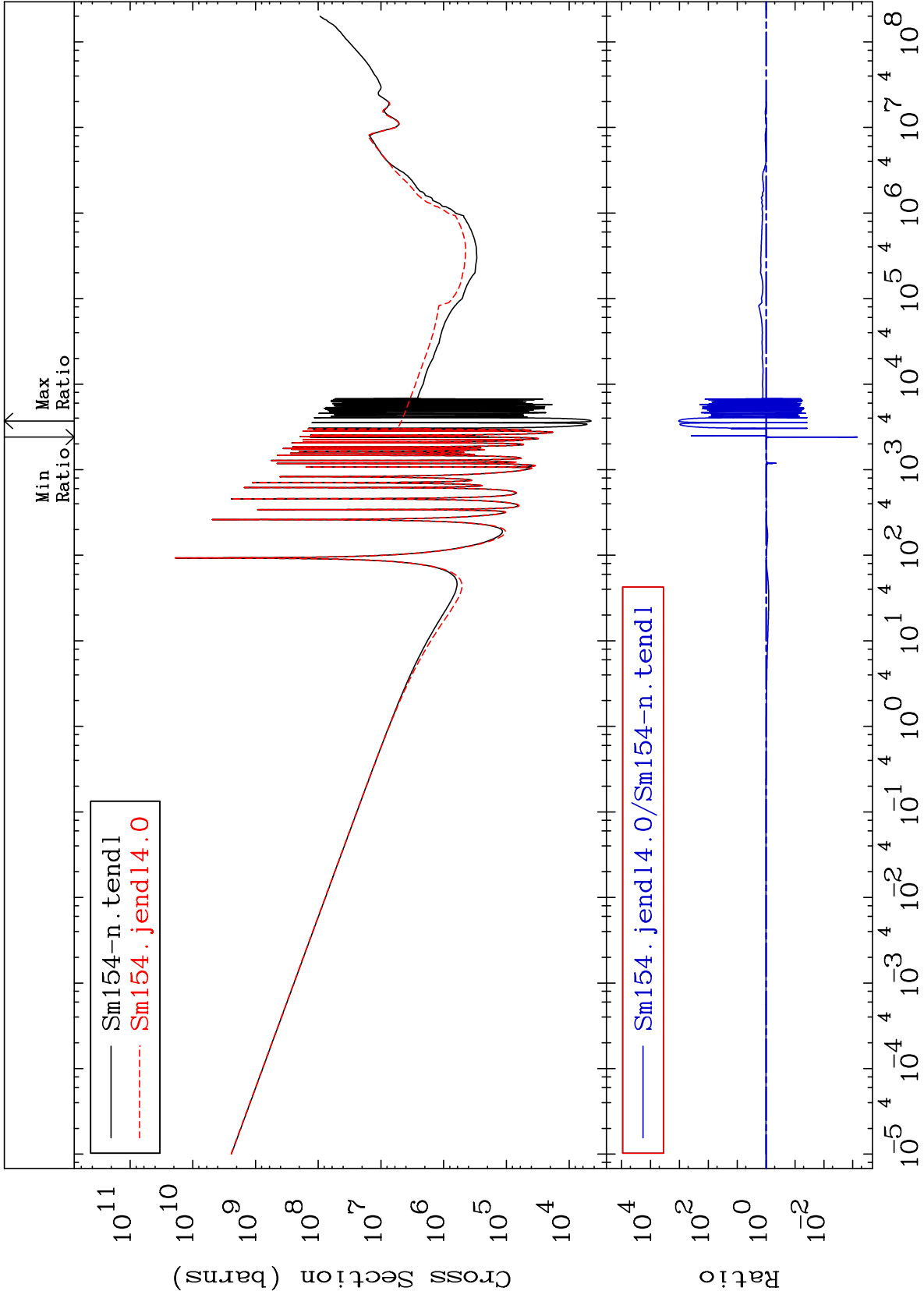


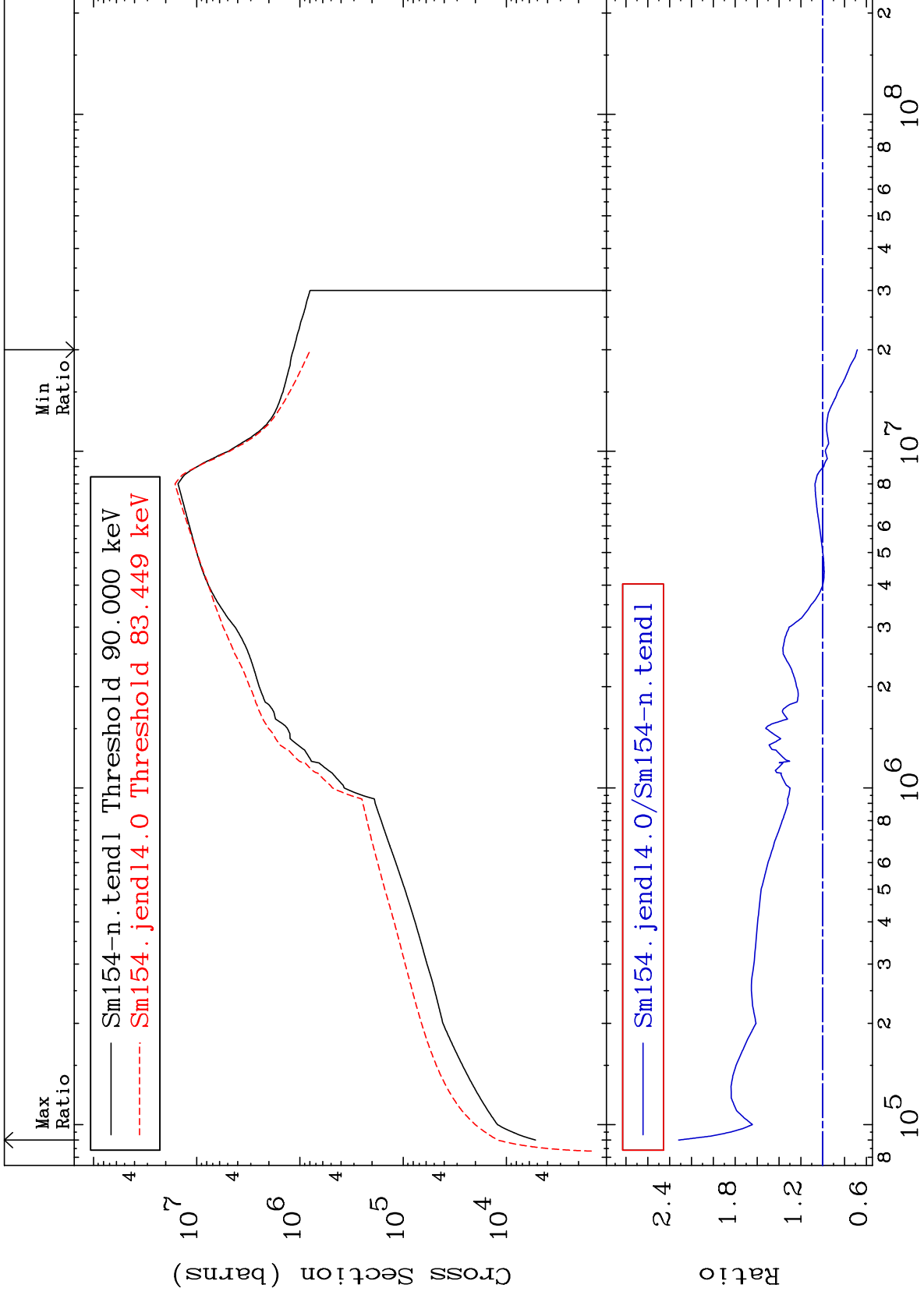
MAT 6255

Kerma elastic
Cross Section

62-Sm-154
-99.13 To 9999. %



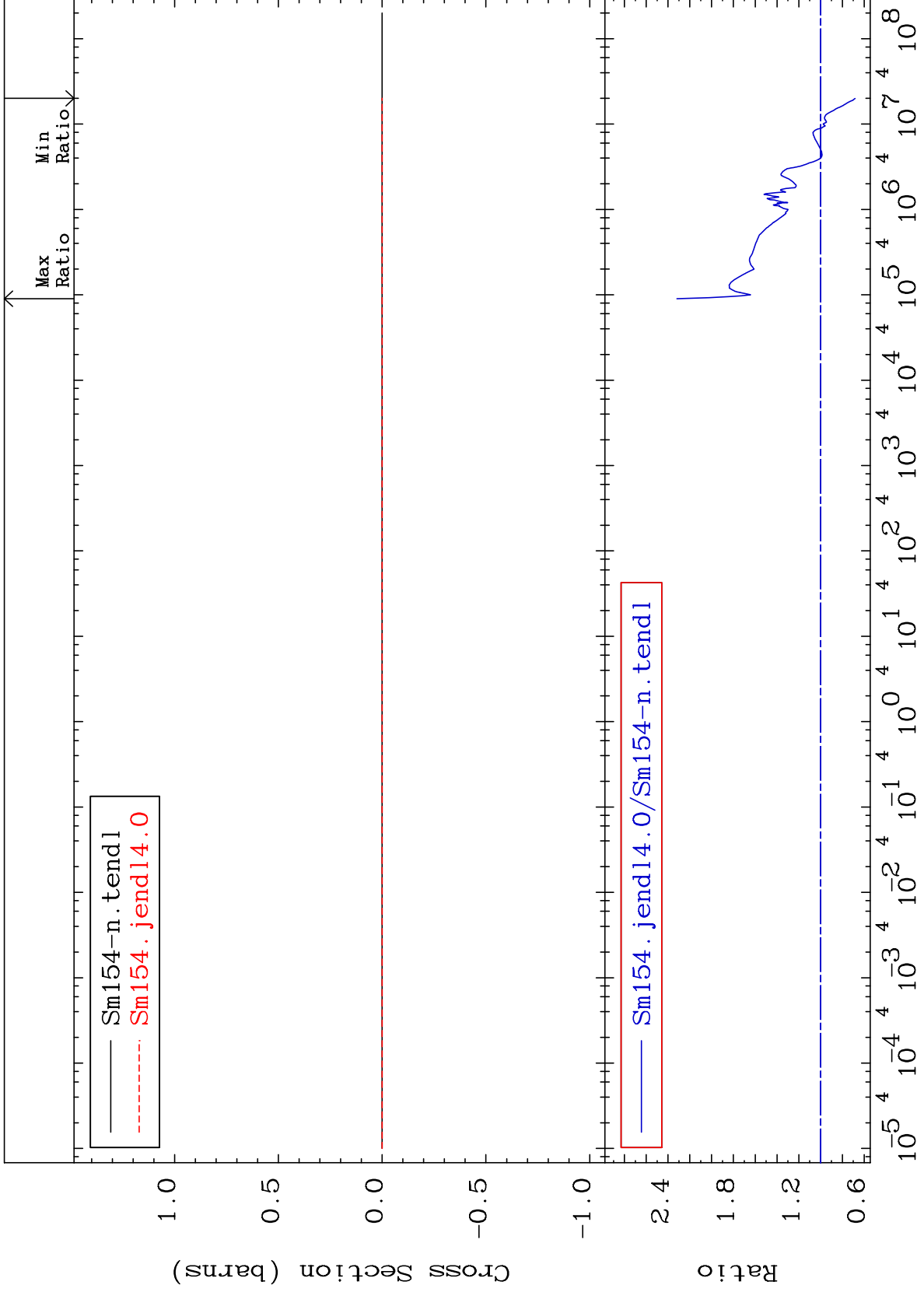


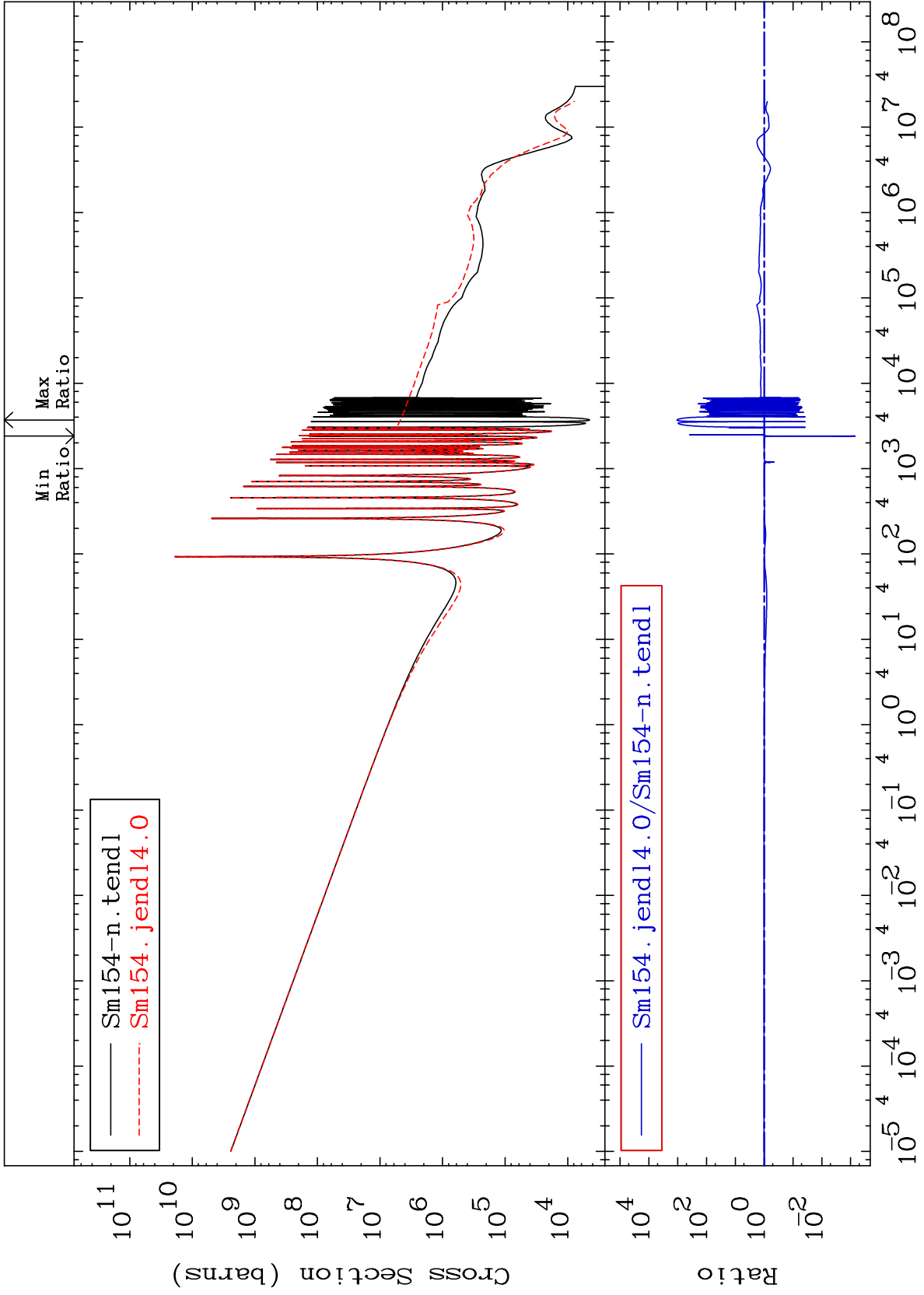


MAT 6255

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

62-Sm-154
-31.68 To 131.8 %

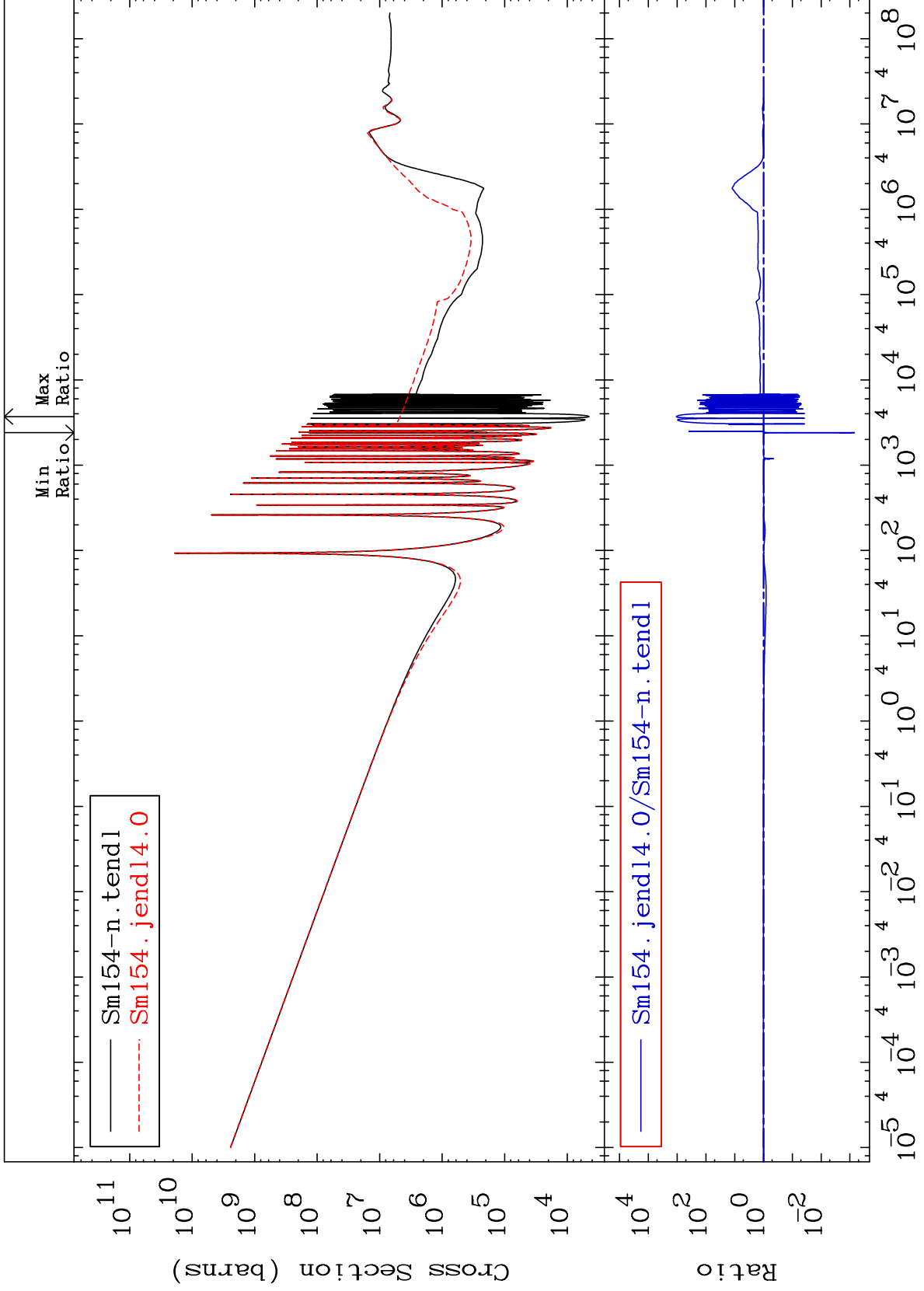




MAT 6255

Total photon (eV-barns)
Cross Section

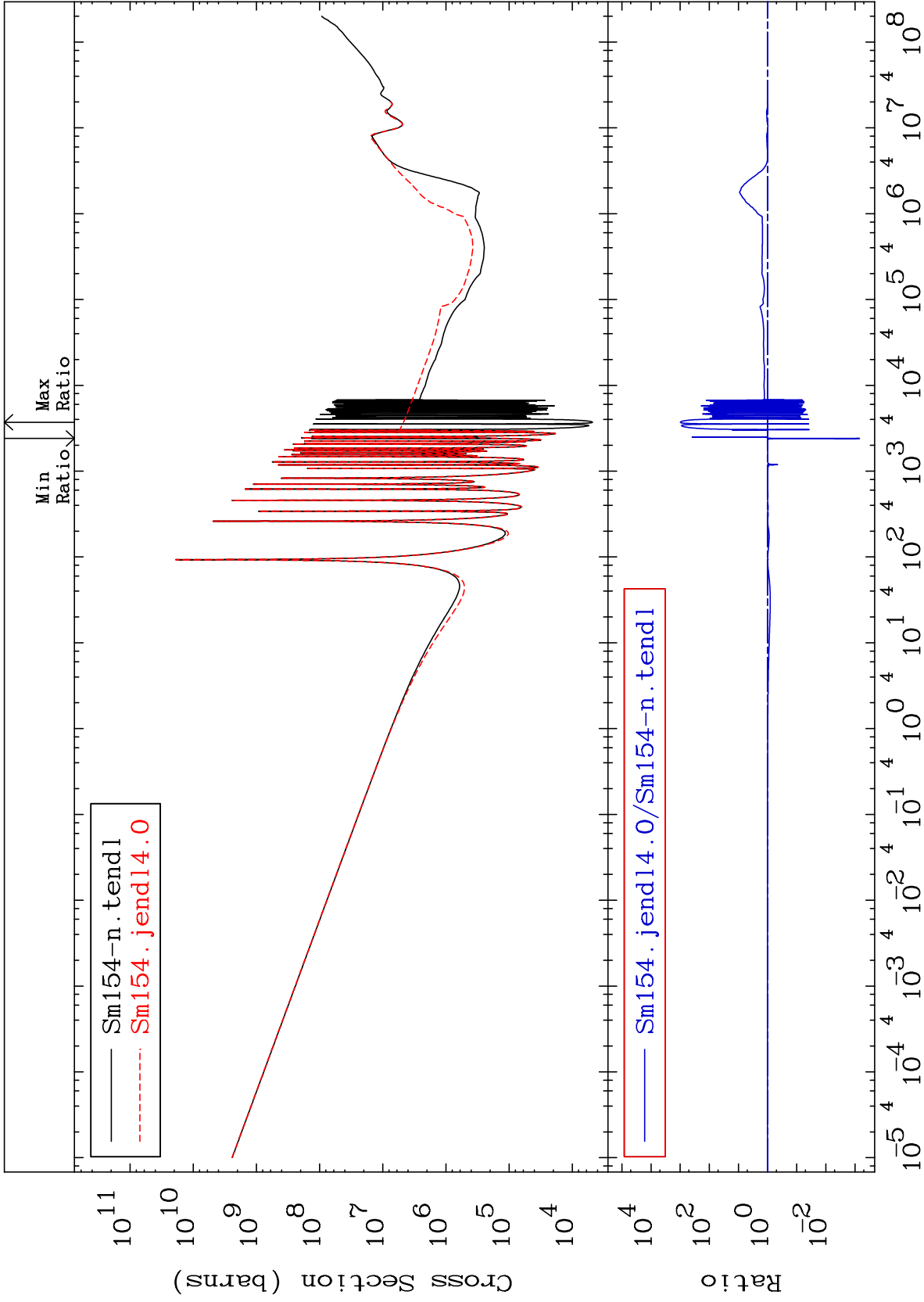
62-Sm-154
-99.93 To 9999. %



57

Incident Energy (eV)

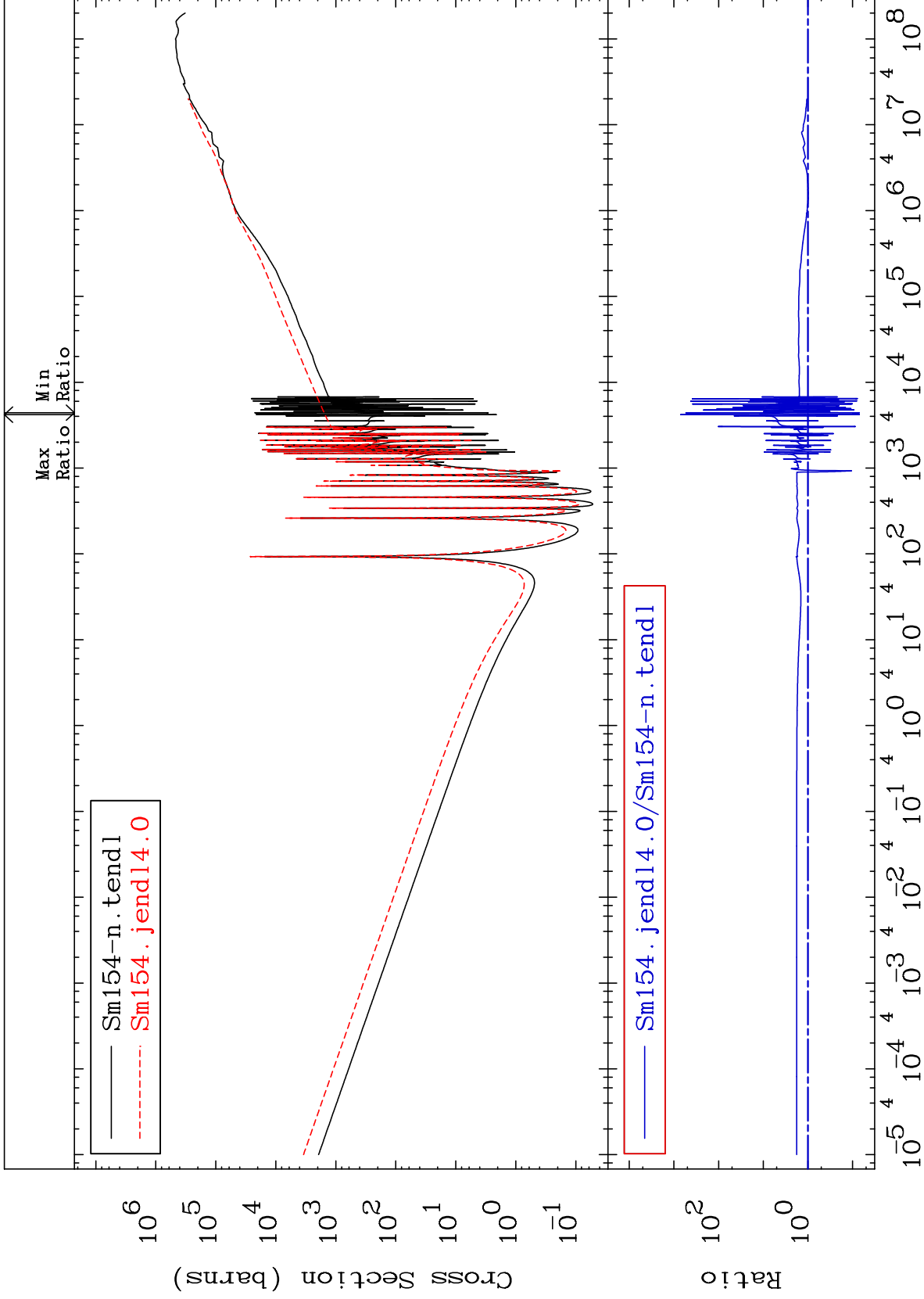
62-Sm-154



MAT 6255

Dpa total (eV-barns)
Cross Section

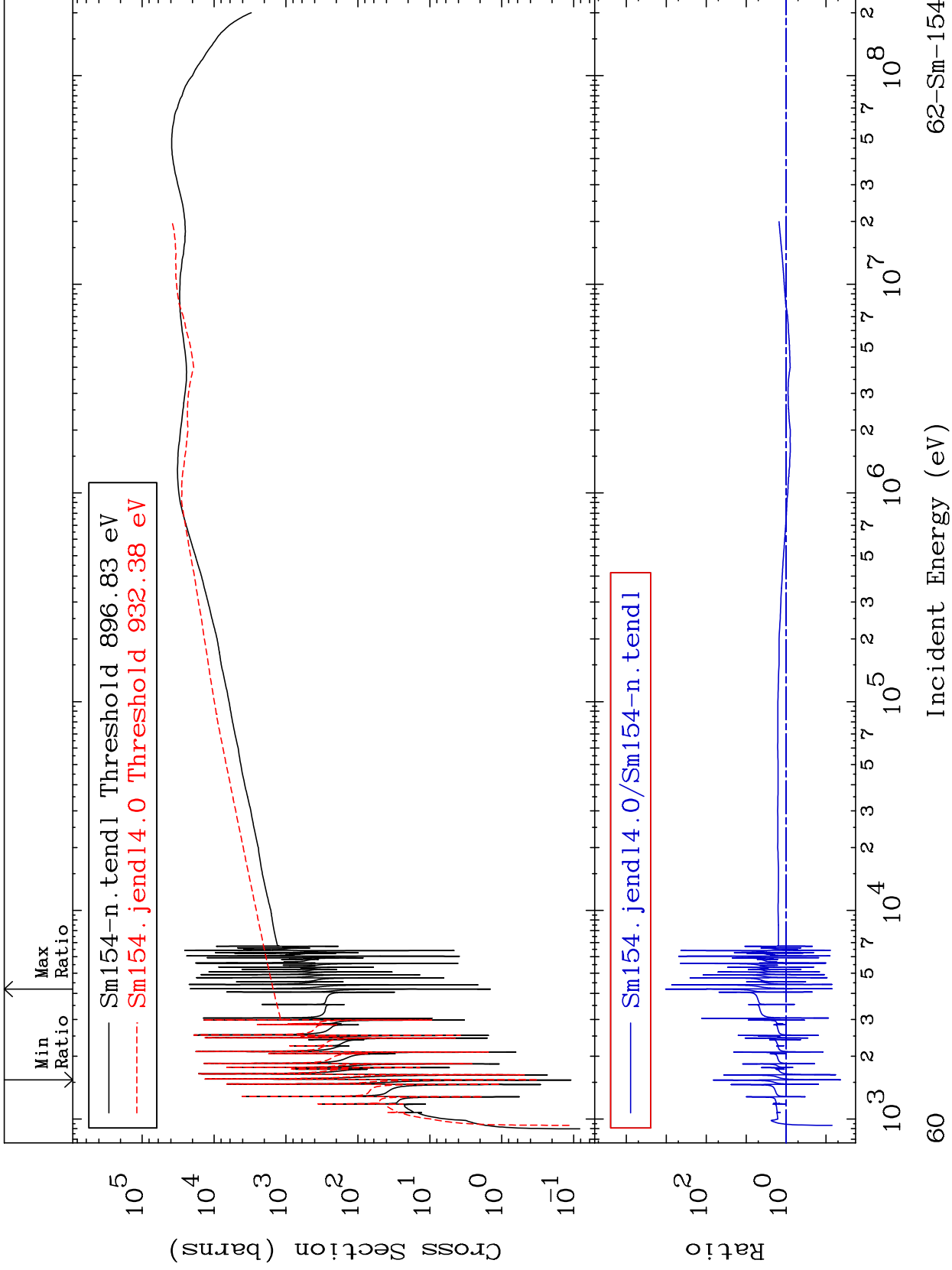
62-Sm-154
-92.97 To 9999. %



MAT 6255

Dpa elastic (mt2)
Cross Section

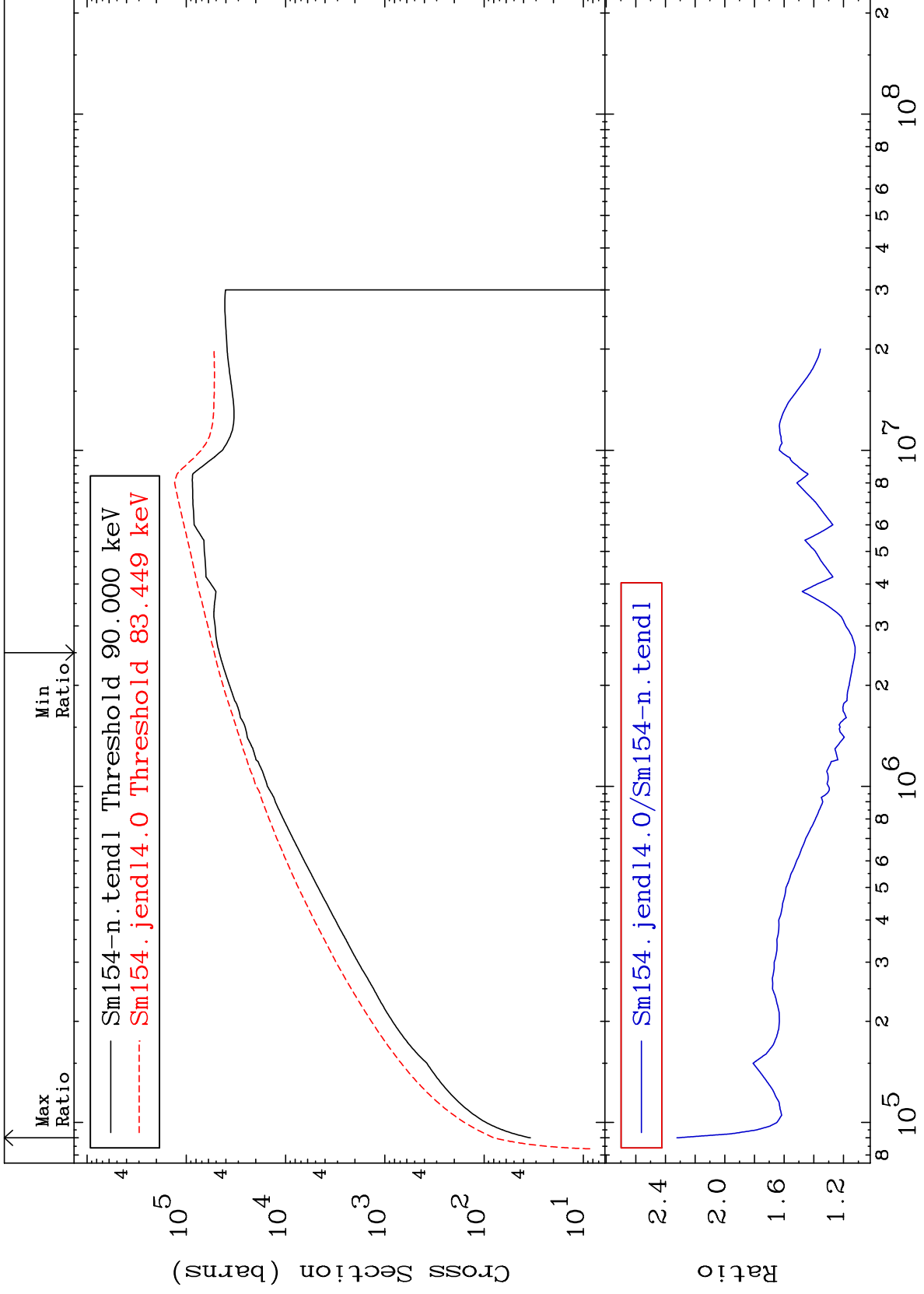
62-Sm-154
-95.70 To 9999. %



MAT 6255

Dpa inelastic (mt51-91)
Cross Section

62-Sm-154
12.17 To 132.2 %



61

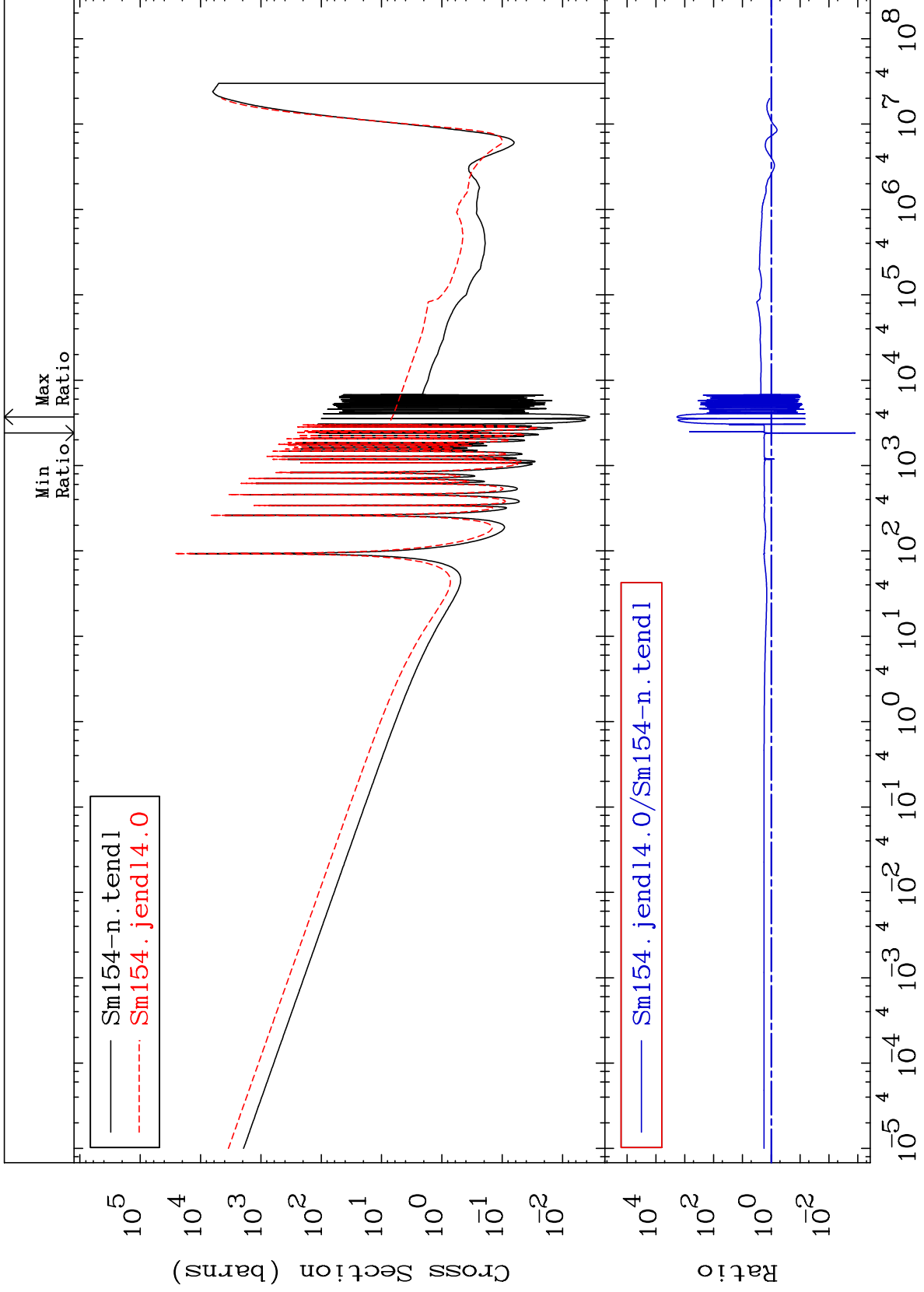
Incident Energy (eV)

62-Sm-154

MAT 6255

Dpa disappearance (mt102 -120)
Cross Section

62-Sm-154
-99.88 To 9999. %



62

Incident Energy (eV)

62-Sm-154