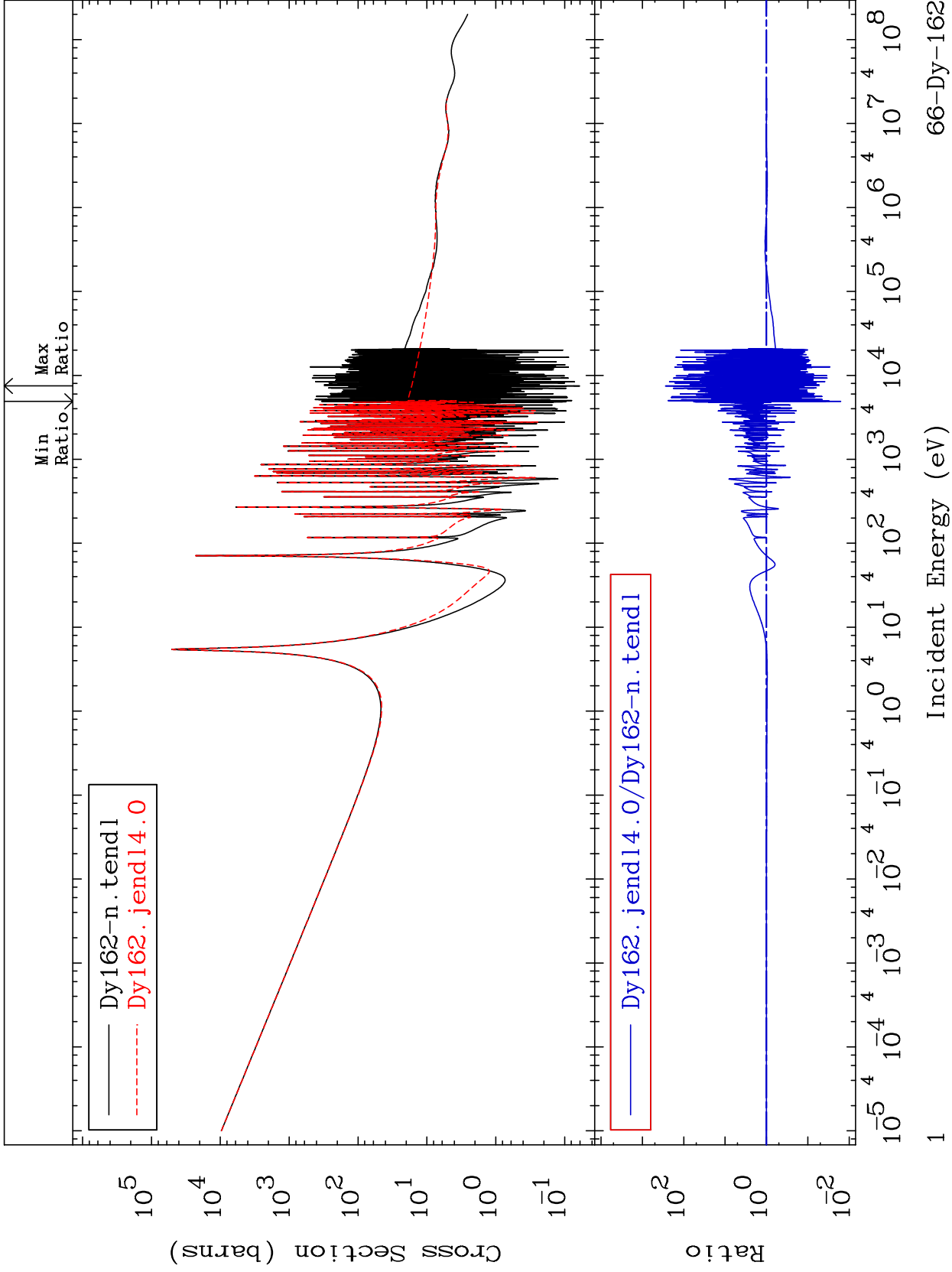


MAT 6643

Total
Cross Section

66-Dy-162
-98.40 To 9999. %



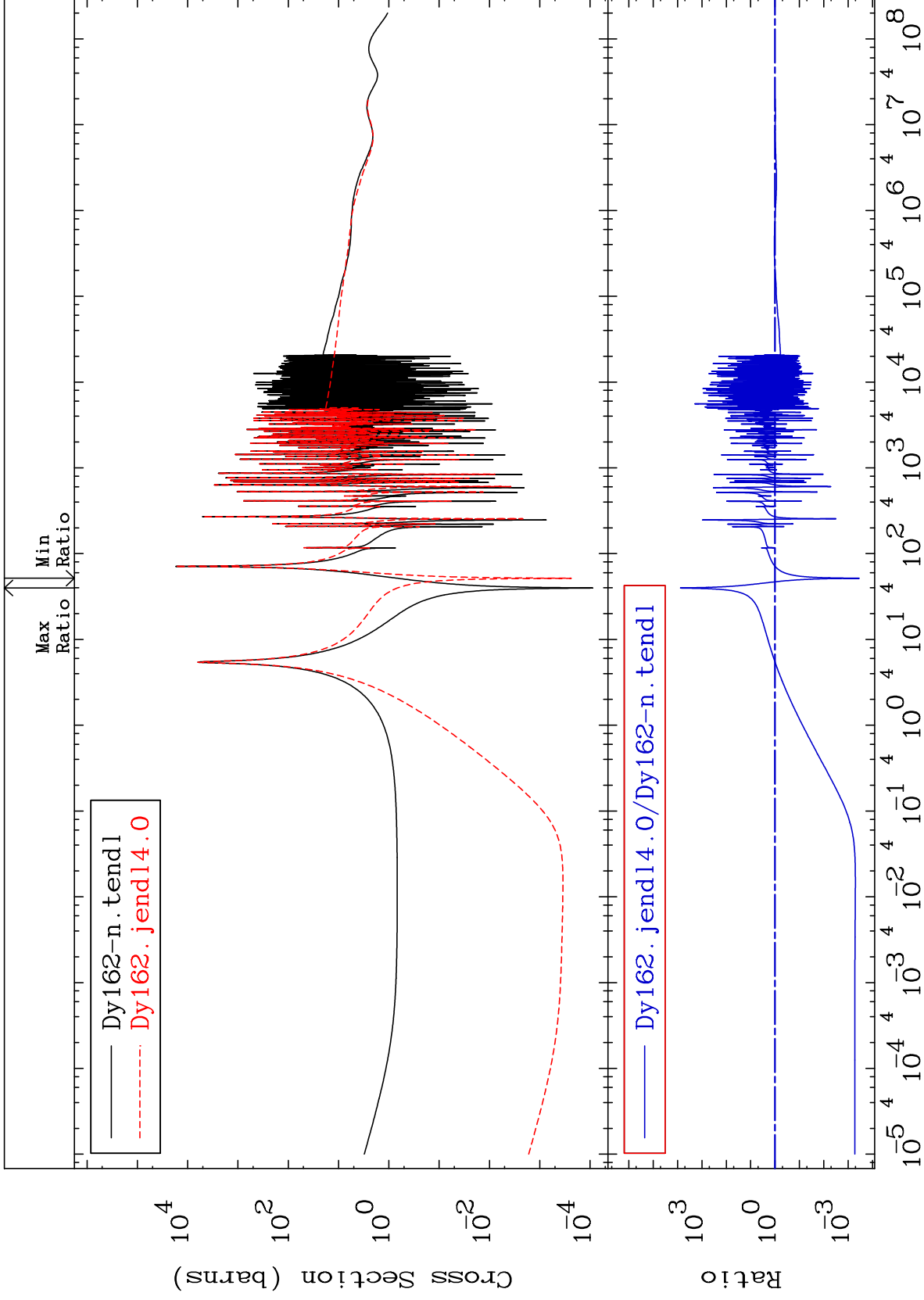
Incident Energy (eV)

66-Dy-162

MAT 6643

Elastic
Cross Section

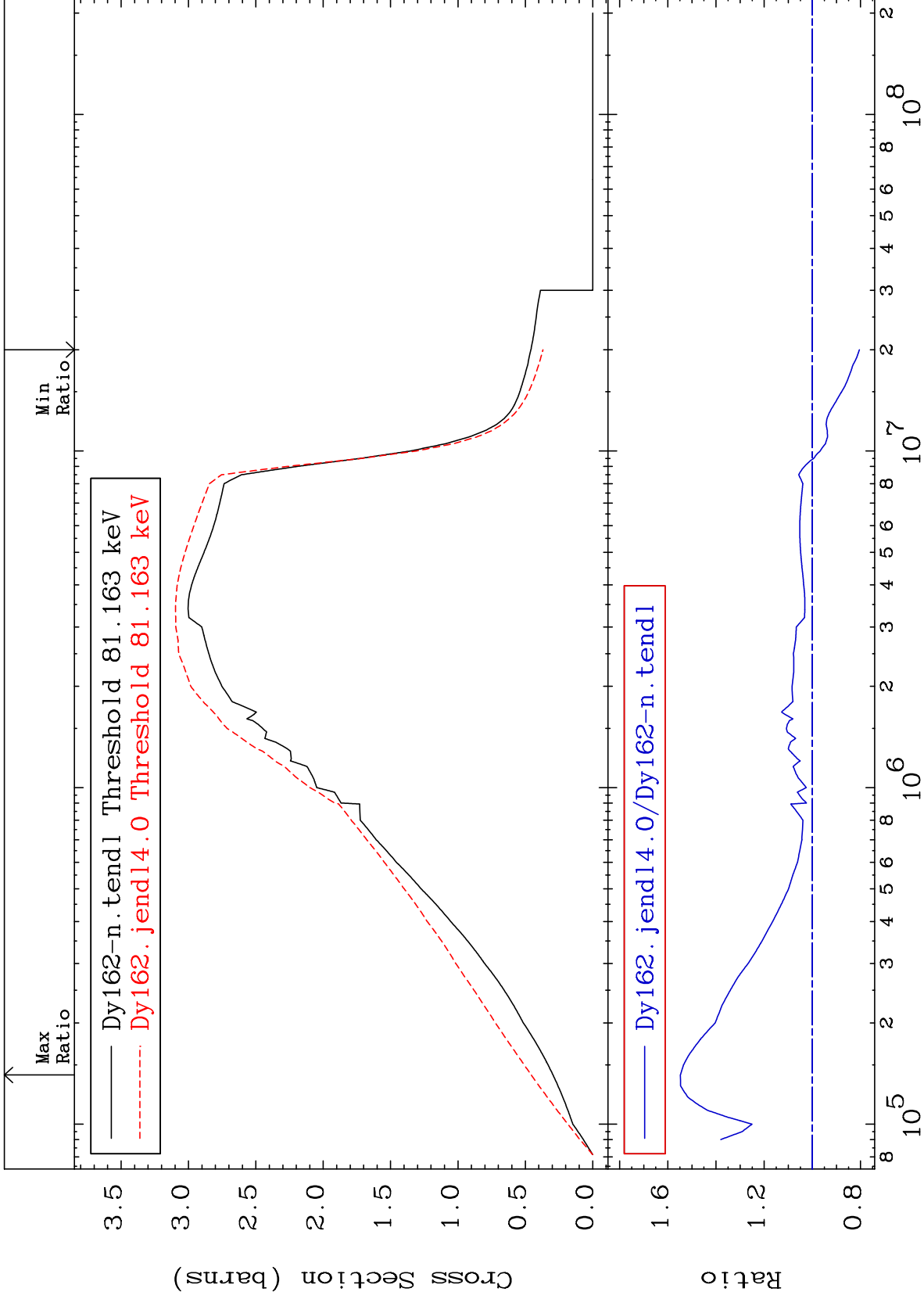
66-Dy-162
-99.97 To 9999. %



MAT 6643

Inelastic
Cross Section

66-Dy-162
-19.53 To 54.80 %



3

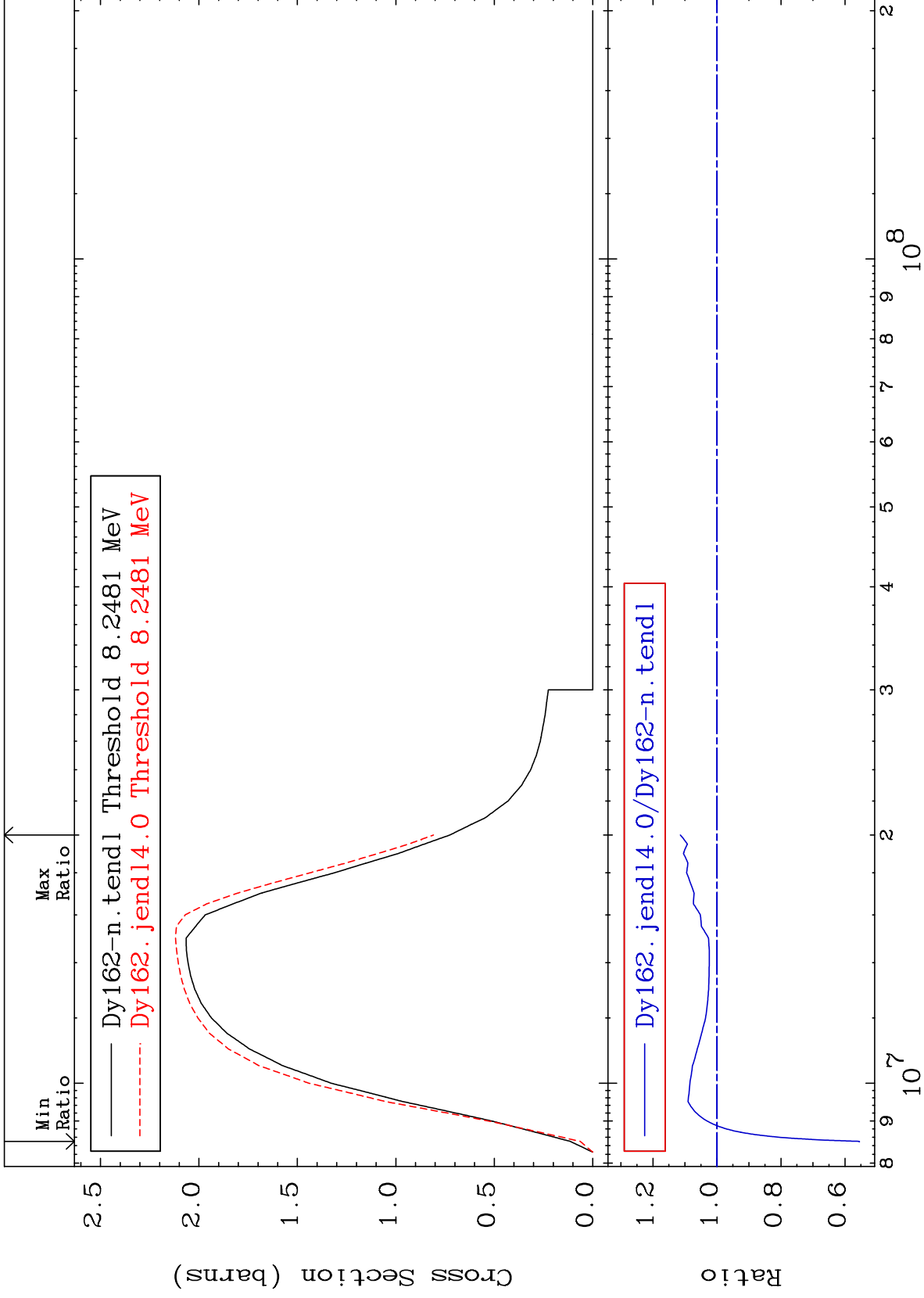
MAT 6643

(n,2n)

66-Dy-162

Cross Section

-44.52 To 11.43 %



4

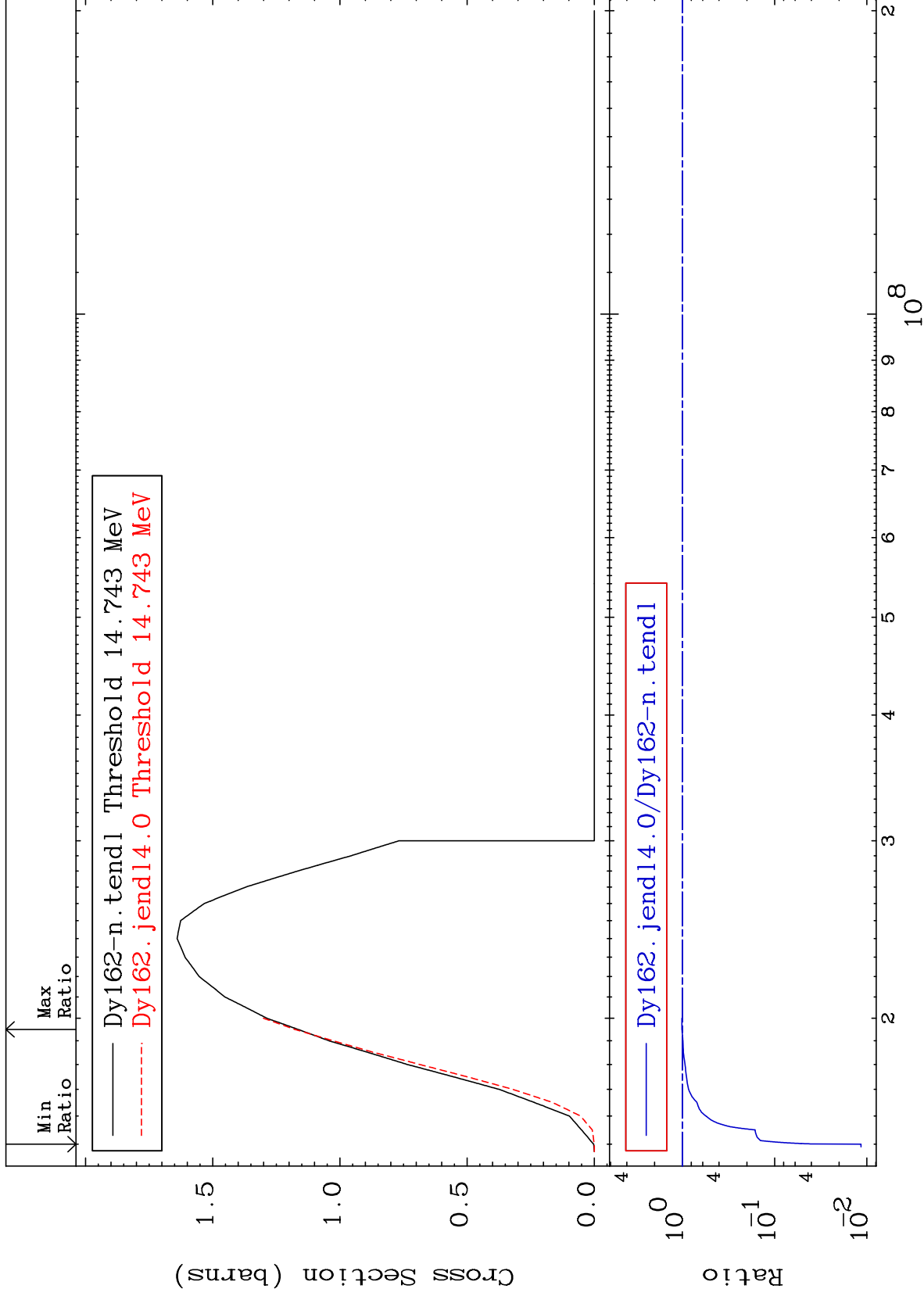
Incident Energy (eV)

66-Dy-162

MAT 6643

(n,3n)
Cross Section

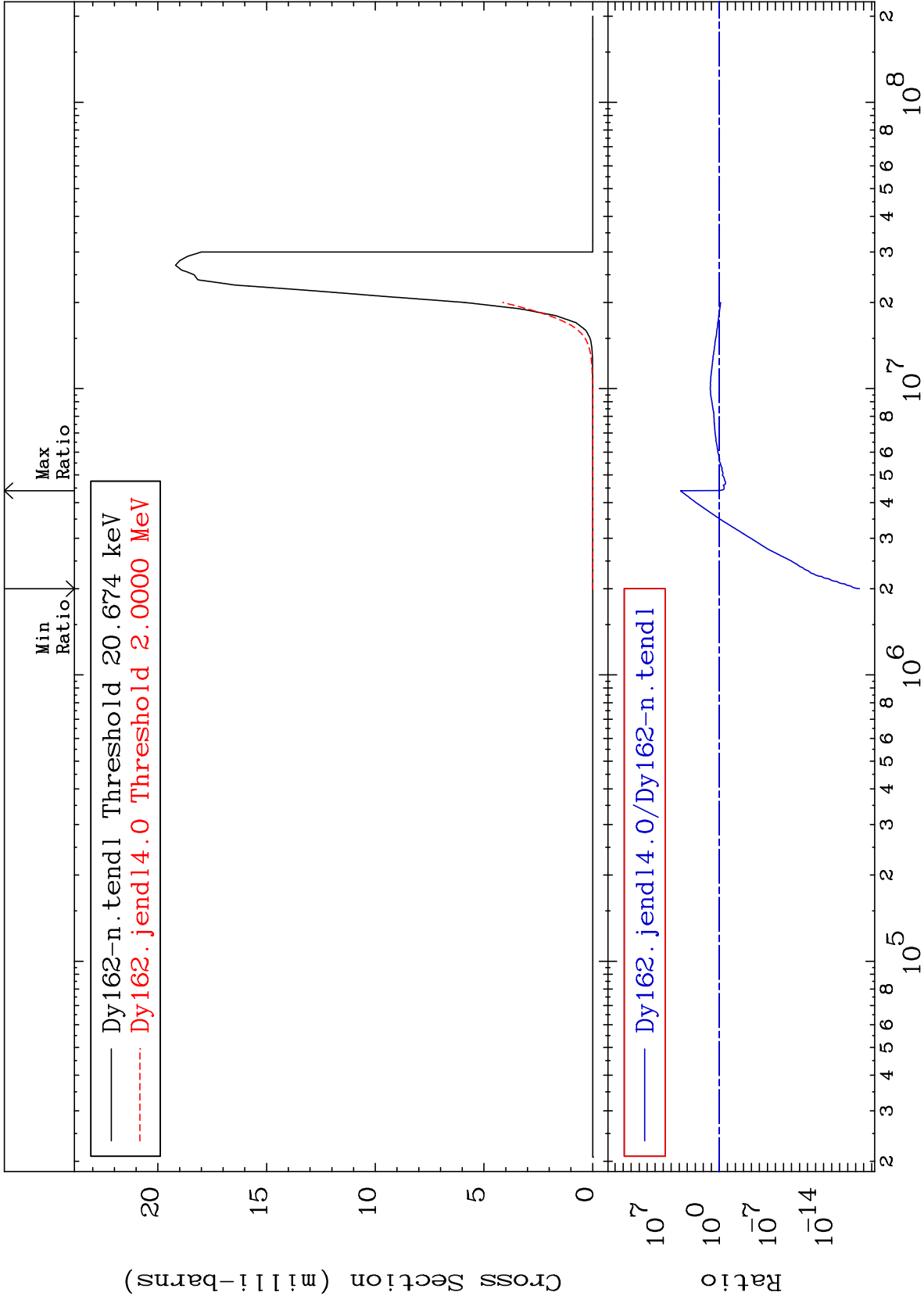
66-Dy-162
-98.84 To 1.066 %



MAT 6643

(n, n') α
Cross Section

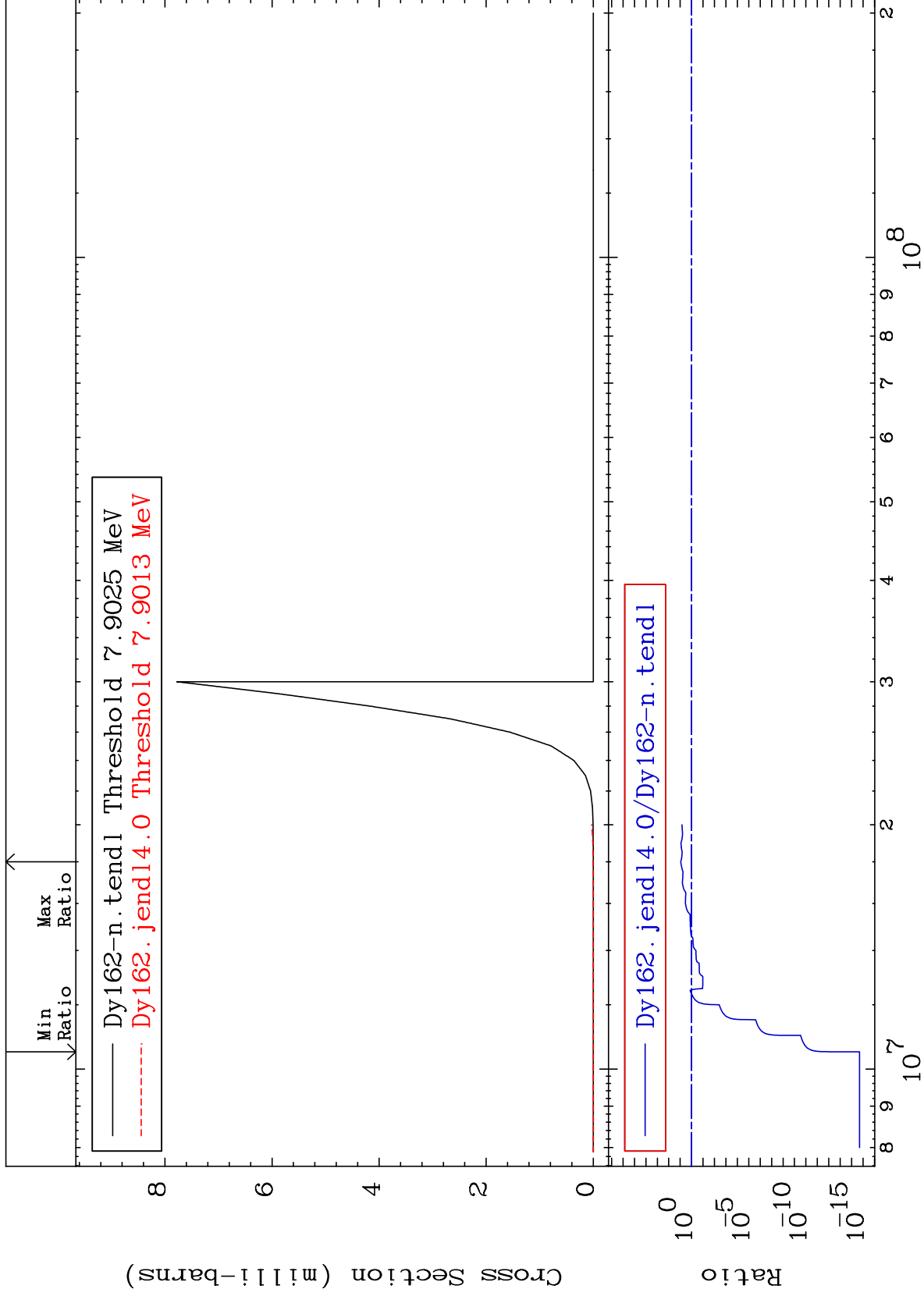
66-Dy-162
-100.0 To 9999. %



MAT 6643

(n,2n) α
Cross Section

66-Dy-162
-100.0 To 787.9 %



7

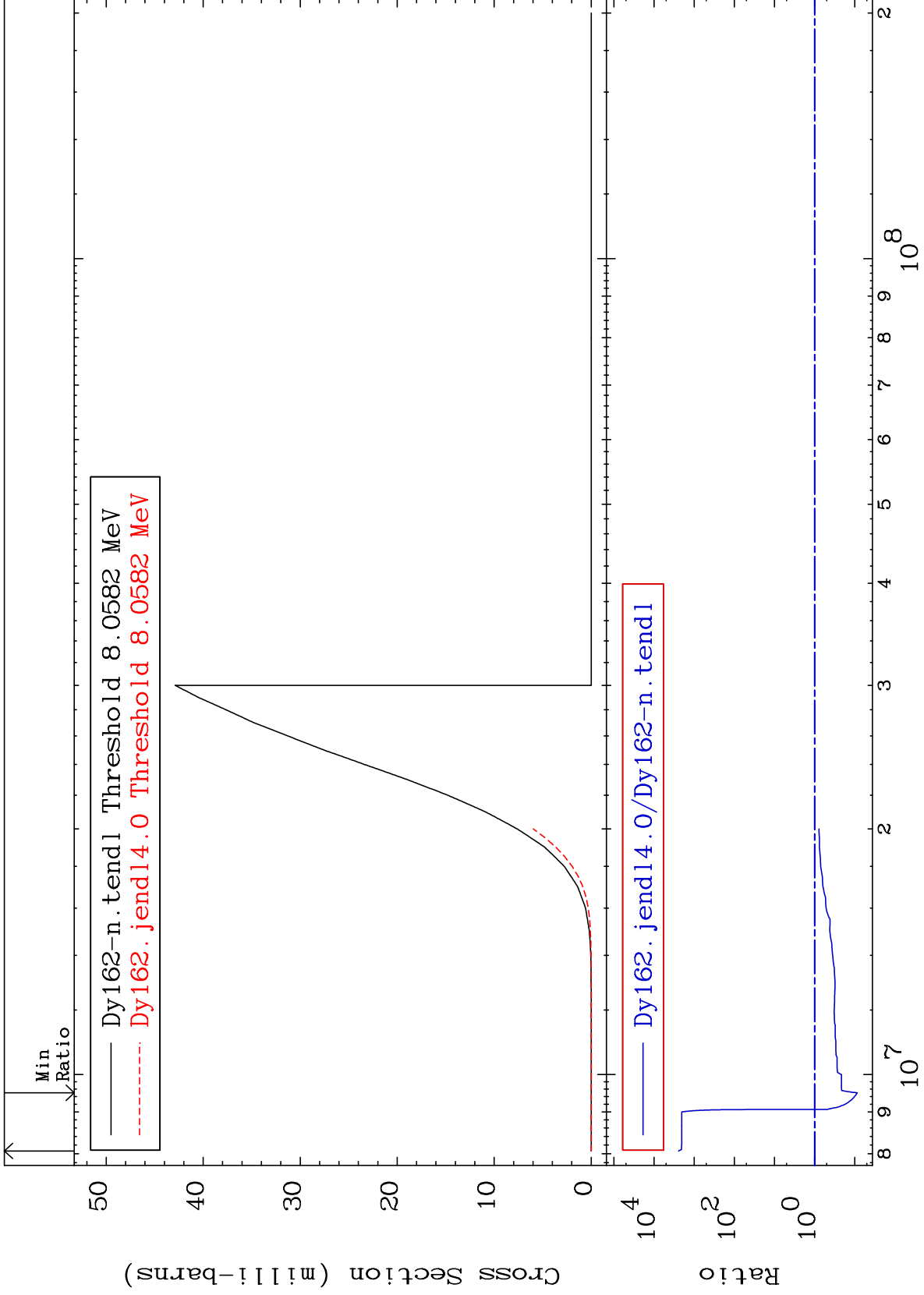
Incident Energy (eV)

66-Dy-162

MAT 6643

(n, n') p
Cross Section

66-Dy-162
-91.32 To 9999. %



8

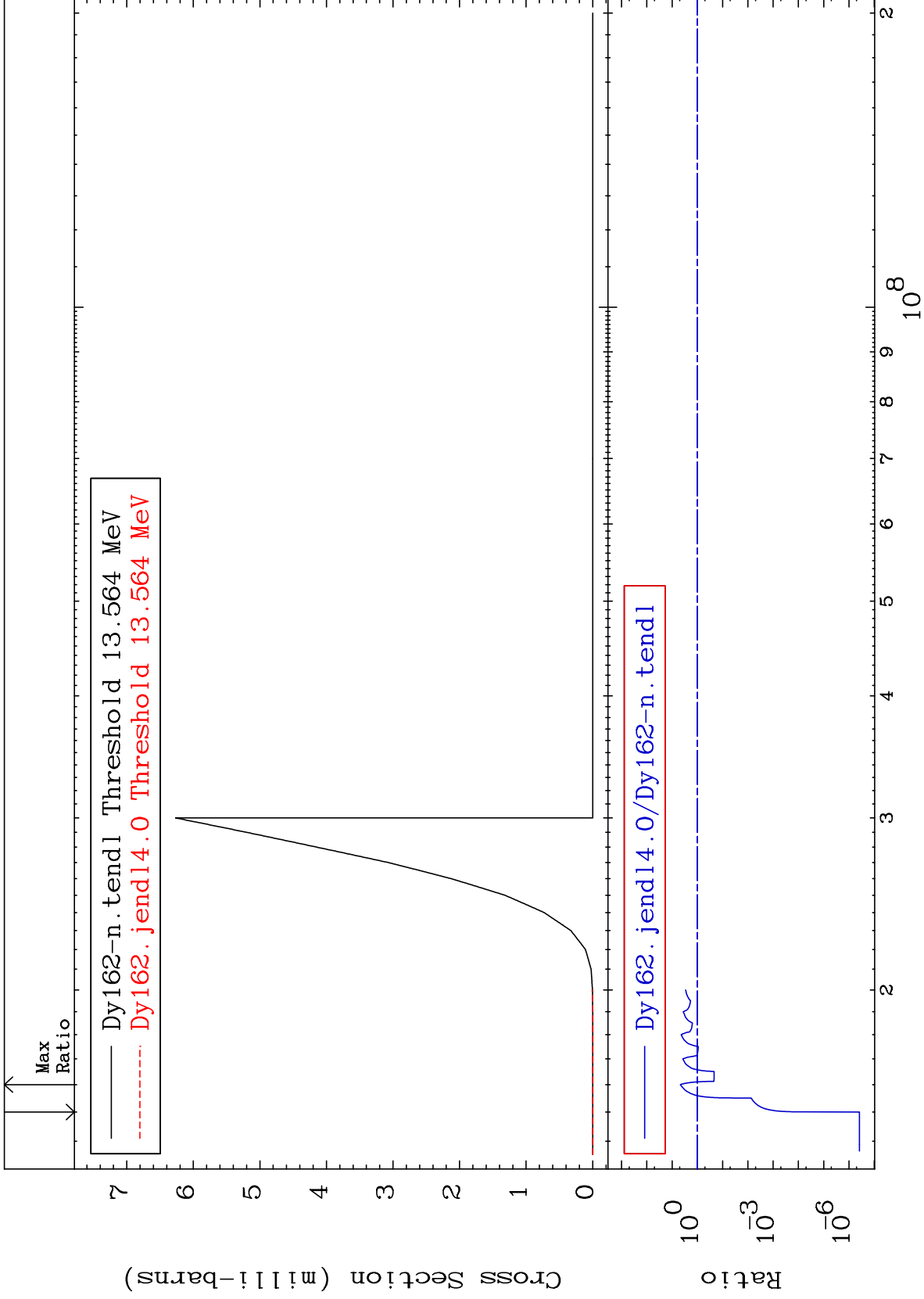
Incident Energy (eV)

66-Dy-162

MAT 6643

(n,n') d
Cross Section

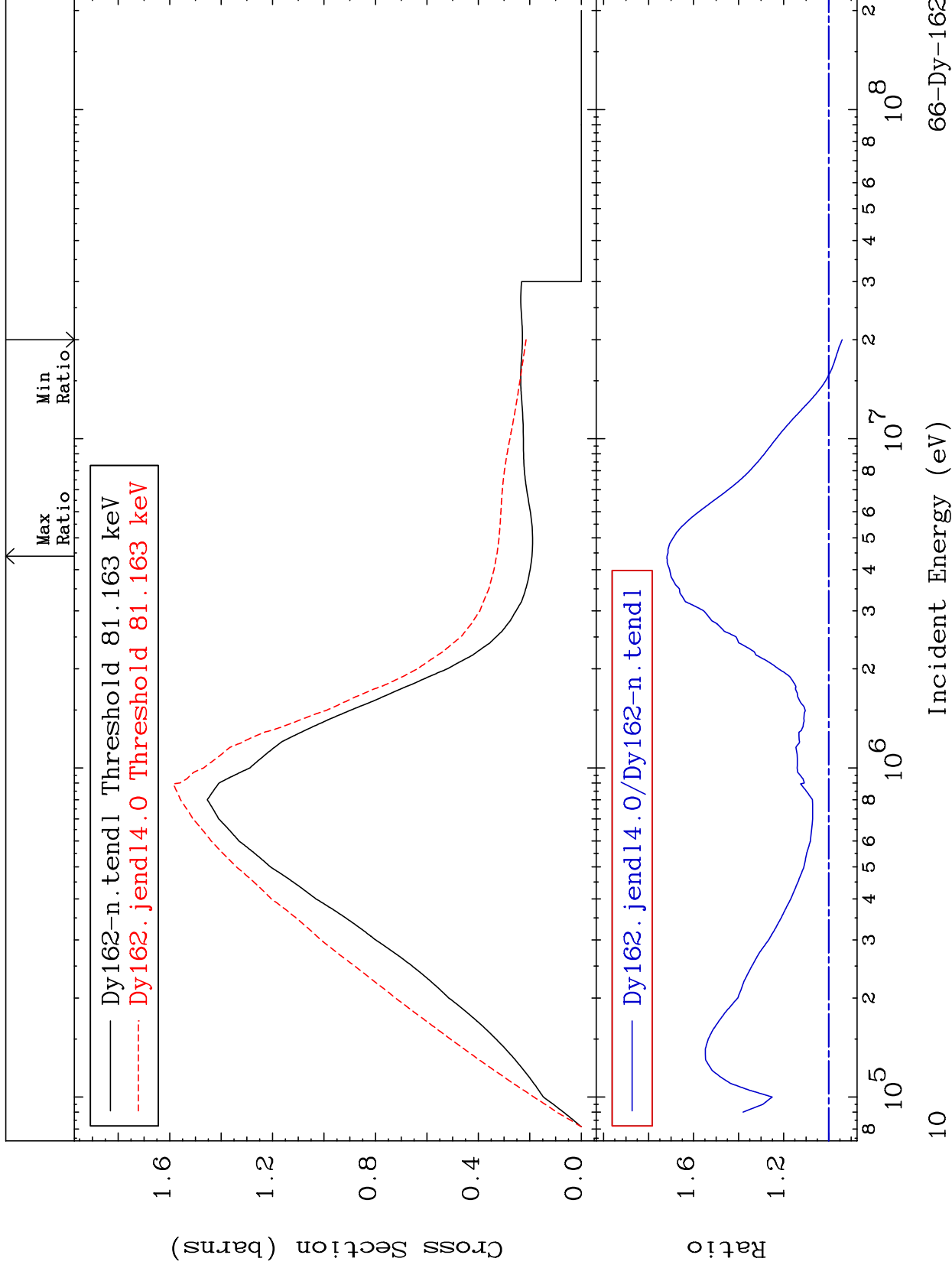
66-Dy-162
-100.0 To 371.3 %



MAT 6643

80.66 keV (n,n') Level
Cross Section

66-Dy-162
-6.024 To 71.79 %

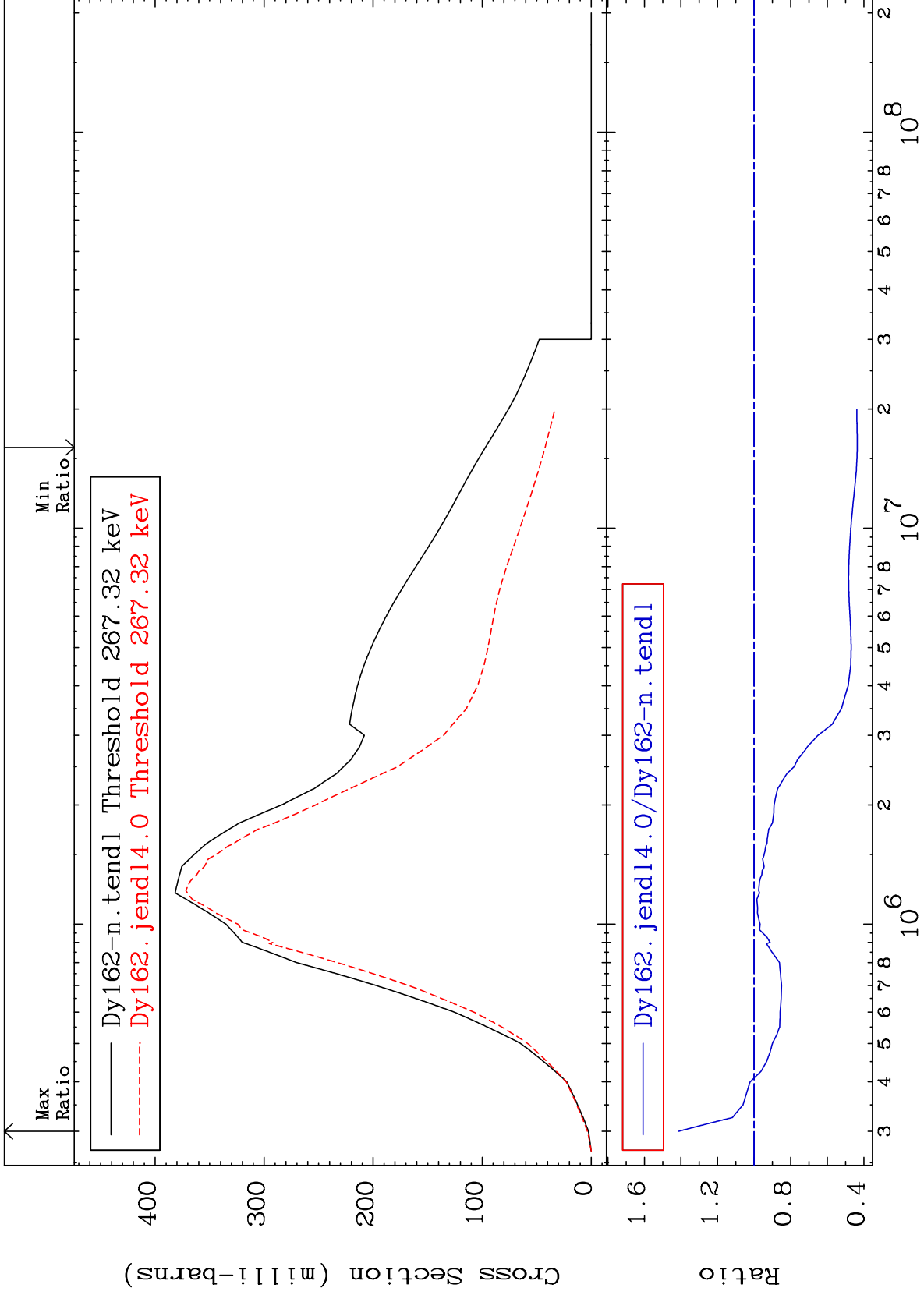


66-Dy-162

MAT 6643

265.7 keV (n,n') Level
Cross Section

66-Dy-162
-56.42 To 41.28 %



11

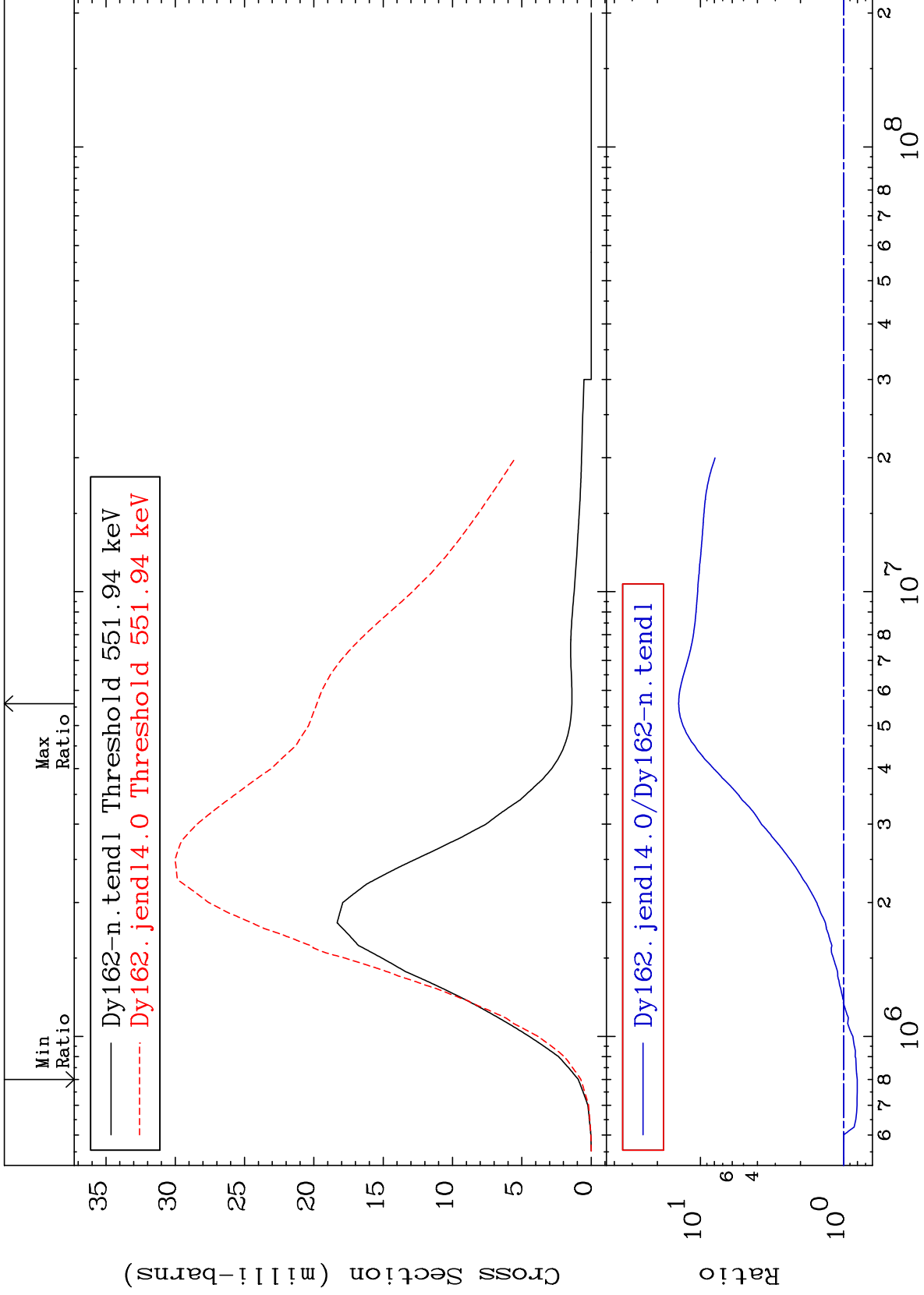
Incident Energy (eV)

66-Dy-162

MAT 6643

548.5 keV (n,n') Level
Cross Section

66-Dy-162
-19.86 To 1320. %



12

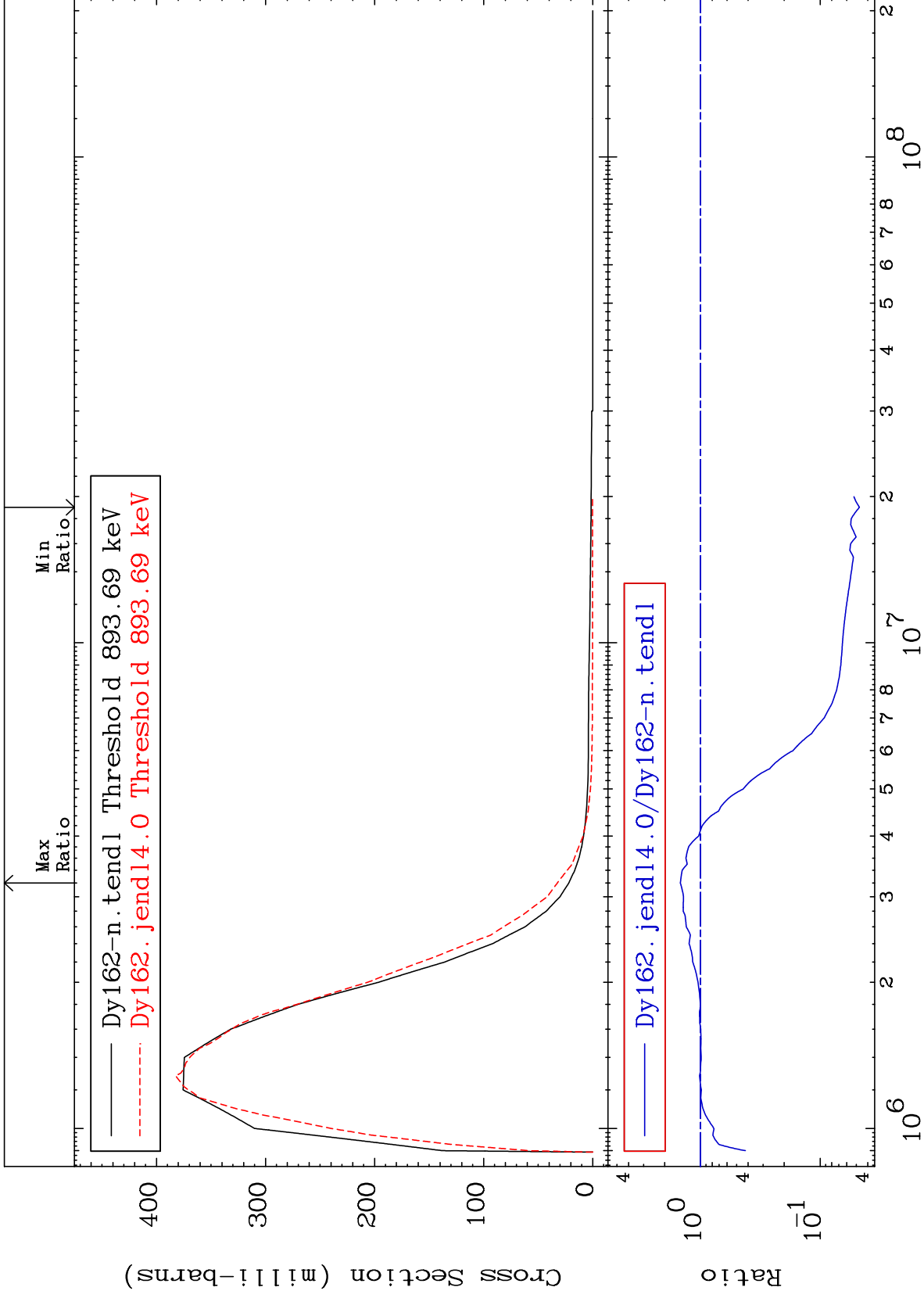
Incident Energy (eV)

66-Dy-162

MAT 6643

888.2 keV (n,n') Level
Cross Section

66-Dy-162
-95.30 To 47.60 %



13

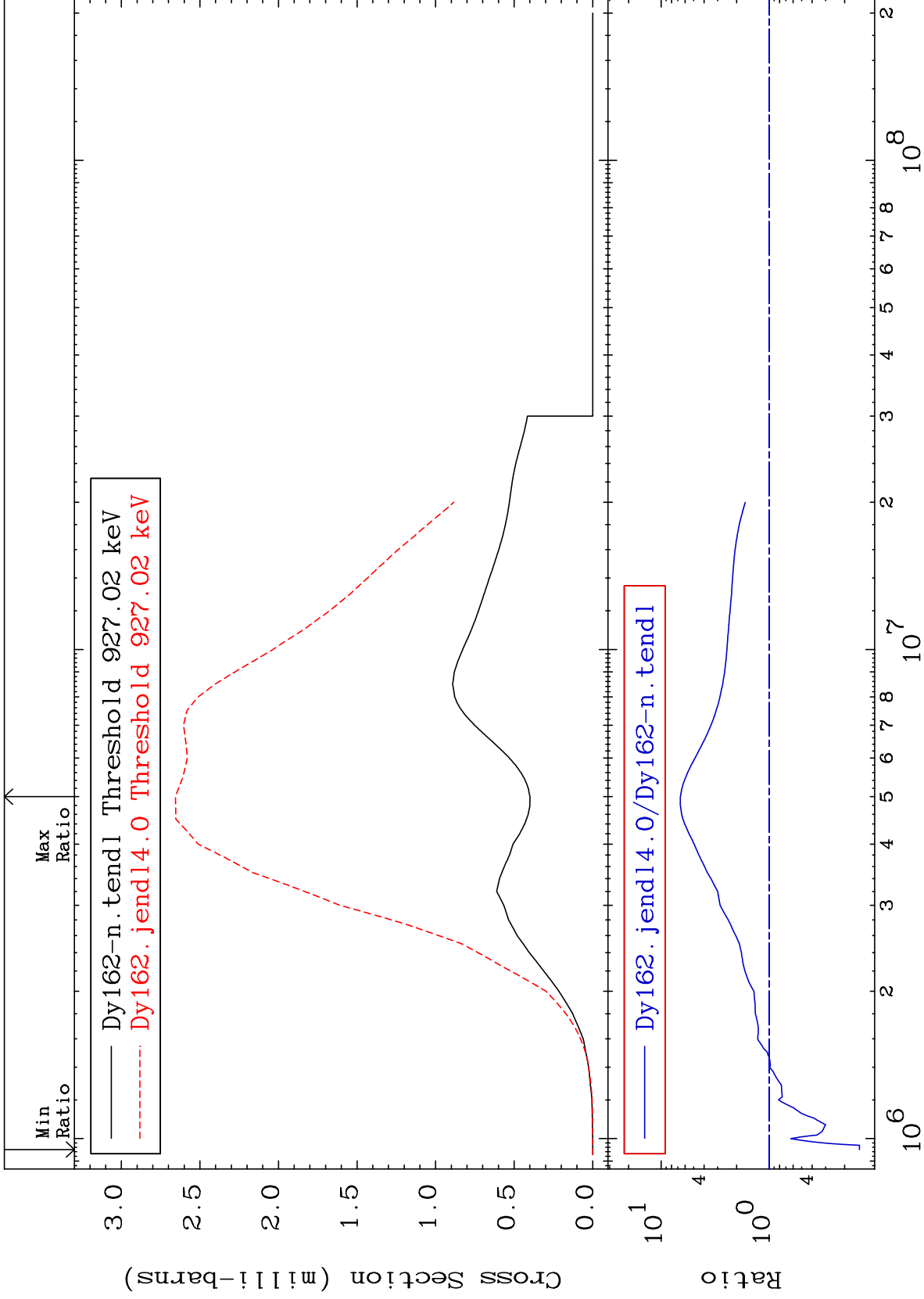
Incident Energy (eV)

66-Dy-162

MAT 6643

921.3 keV (n,n') Level
Cross Section

66-Dy-162
-85.39 To 564.4 %



14

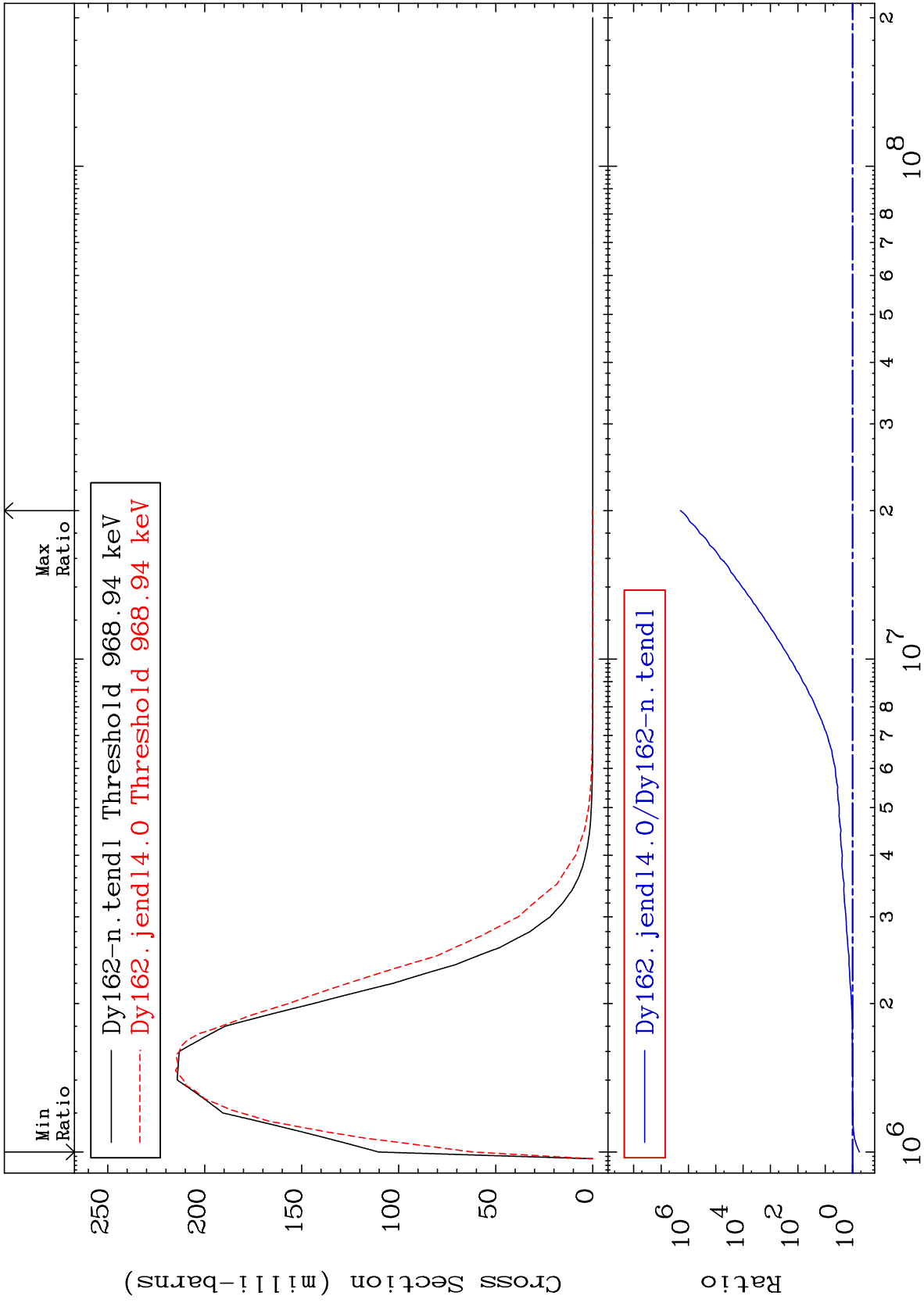
Incident Energy (eV)

66-Dy-162

MAT 6643

962.9 keV (n,n') Level
Cross Section

66-Dy-162
-43.87 To 9999. %



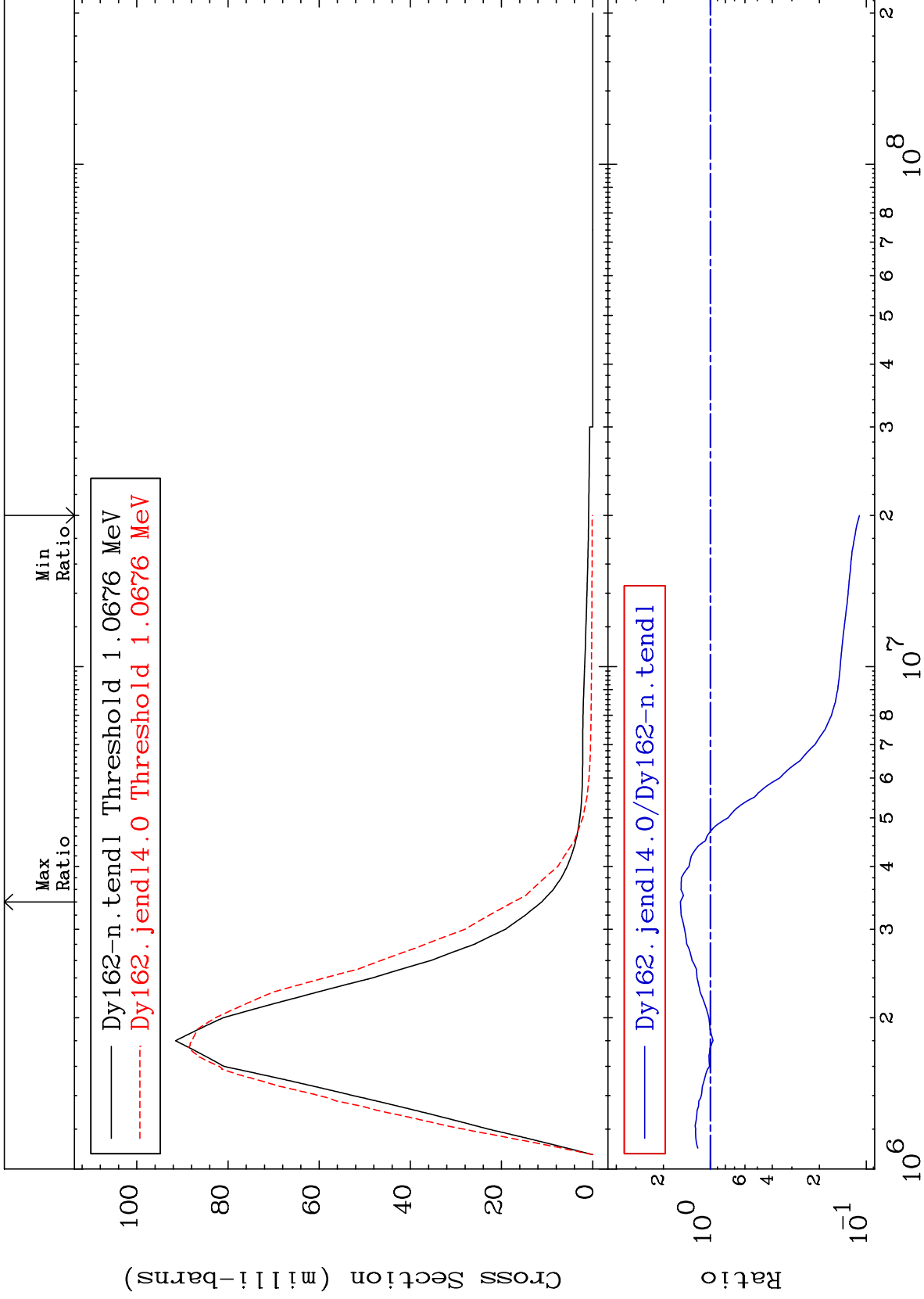
Incident Energy (eV)

66-Dy-162

MAT 6643

1.061 MeV (n,n') Level
Cross Section

66-Dy-162
-88.94 To 55.53 %

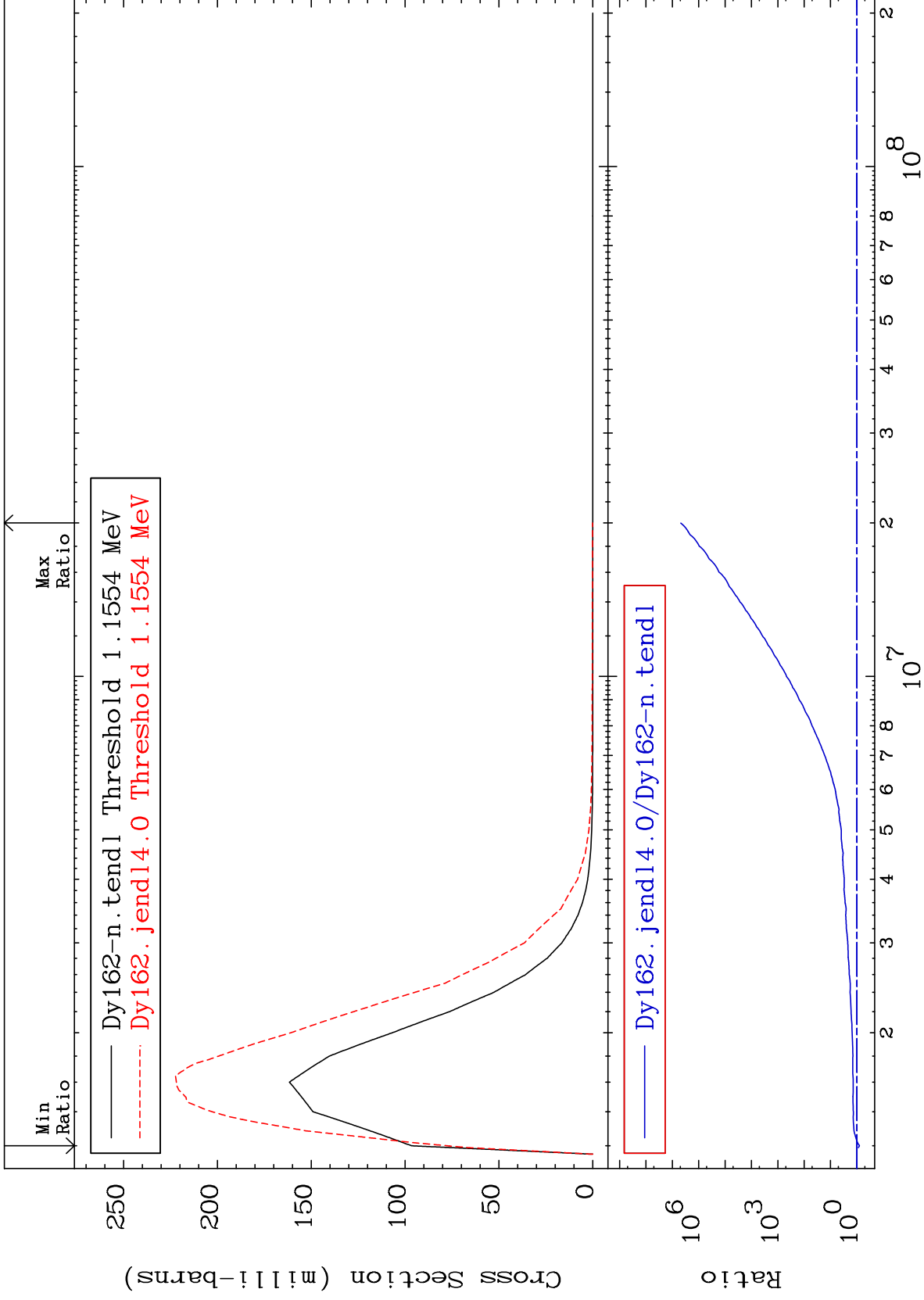


16 66-Dy-162

MAT 6643

1.148 MeV (n,n') Level
Cross Section

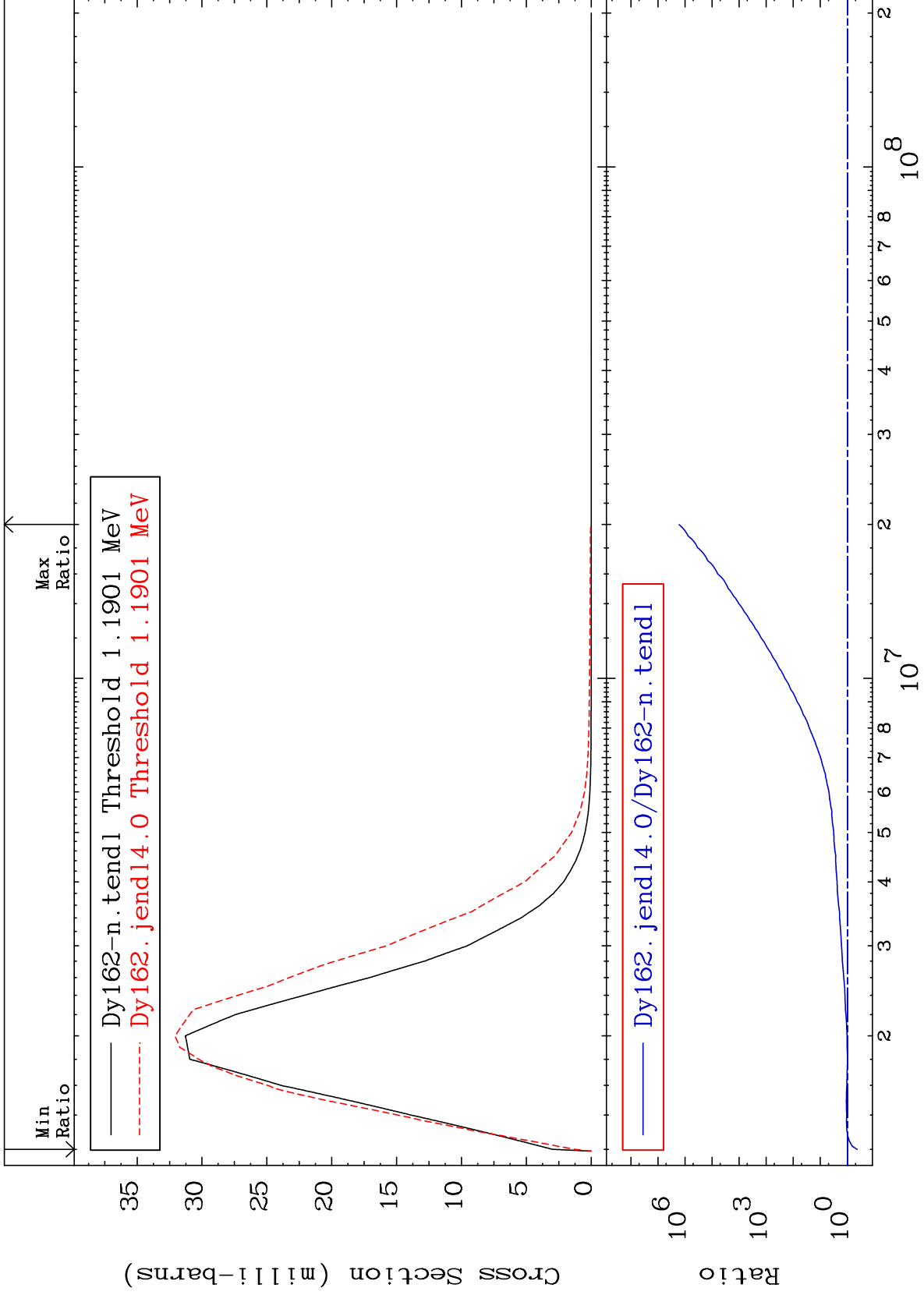
66-Dy-162
-19.89 To 9999. %



MAT 6643

1.183 MeV (n,n') Level
Cross Section

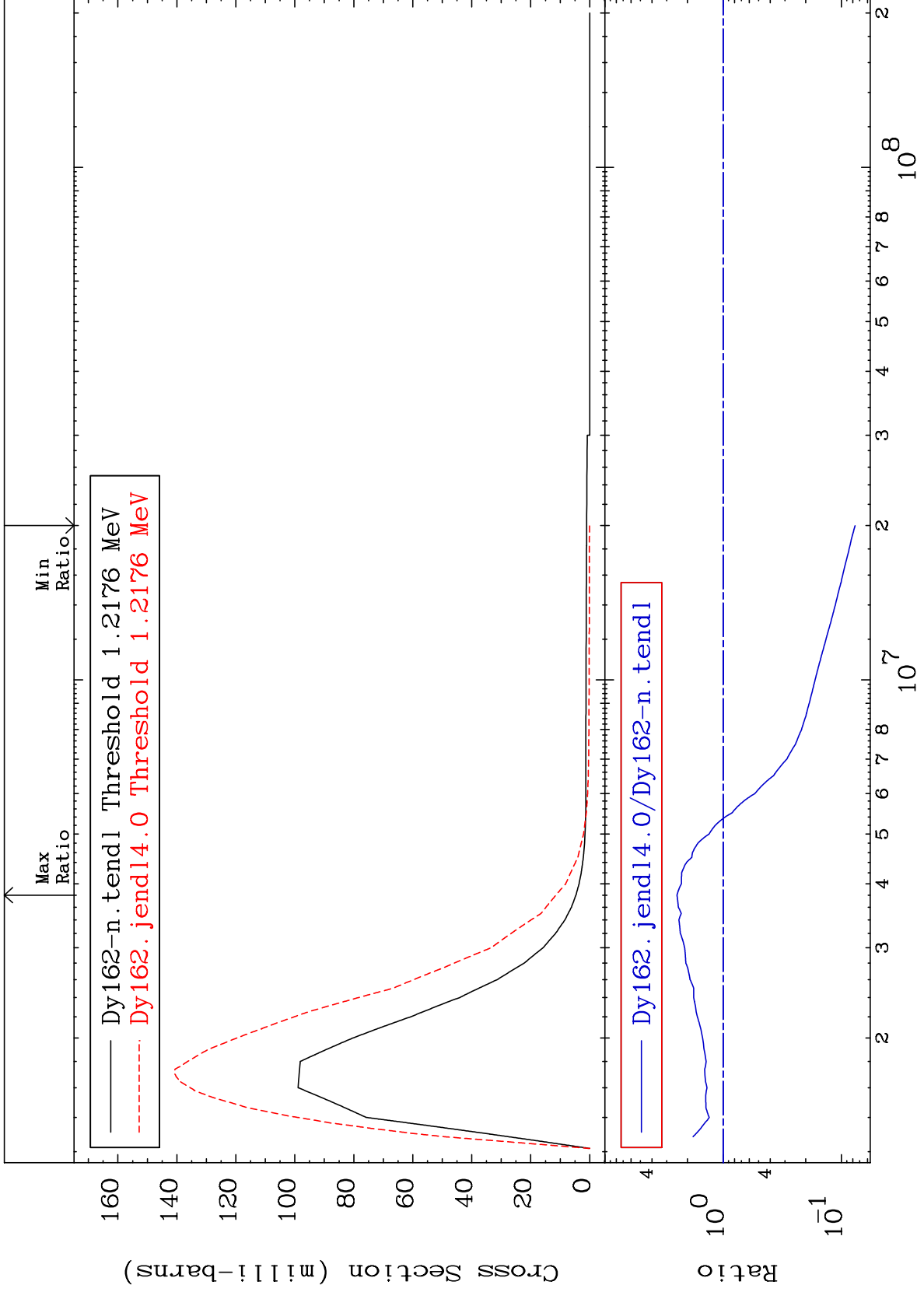
66-Dy-162
-56.81 To 9999. %



MAT 6643

1.210 MeV (n,n') Level
Cross Section

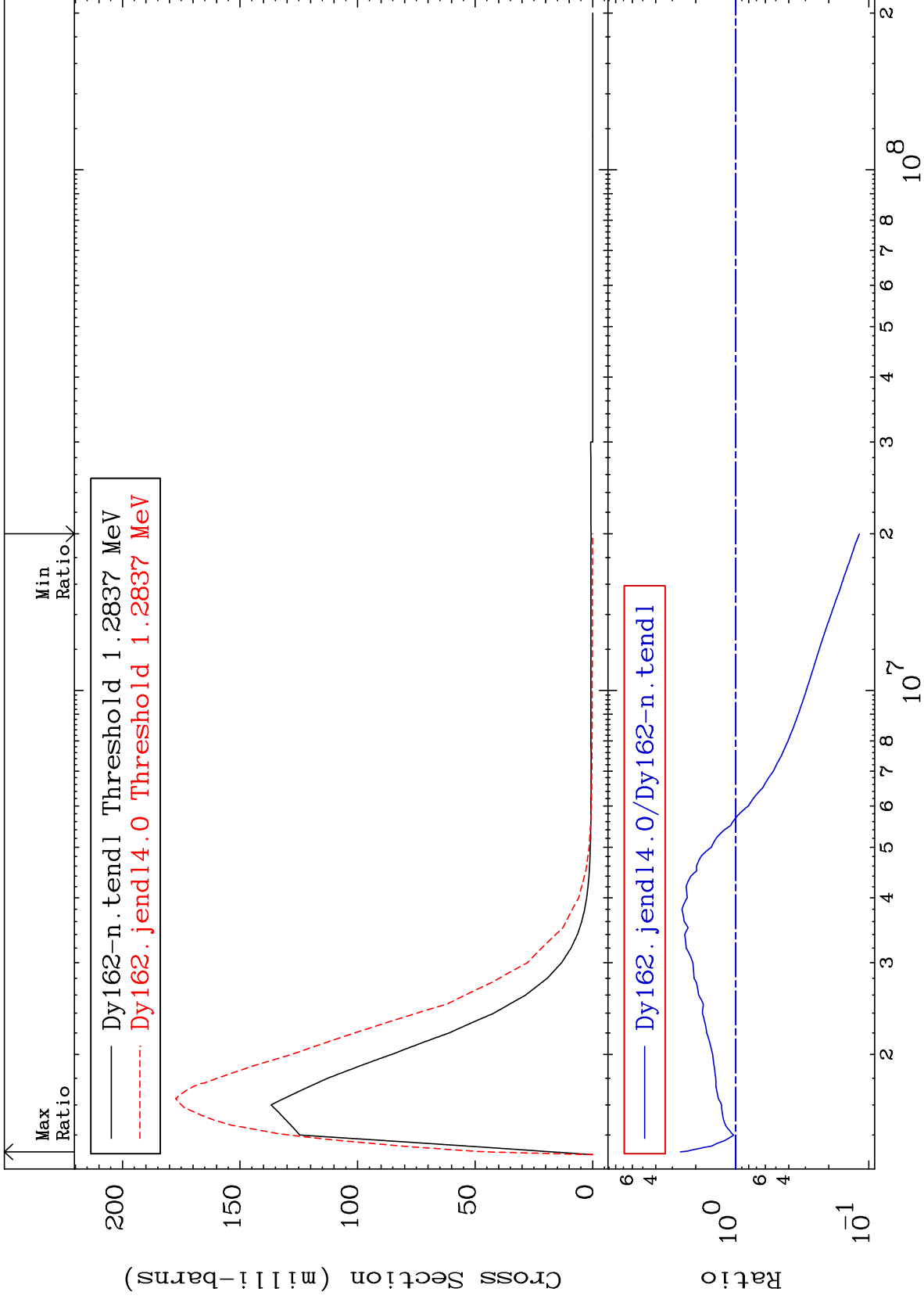
66-Dy-162
-92.35 To 145.8 %



MAT 6643

1.276 MeV (n,n') Level
Cross Section

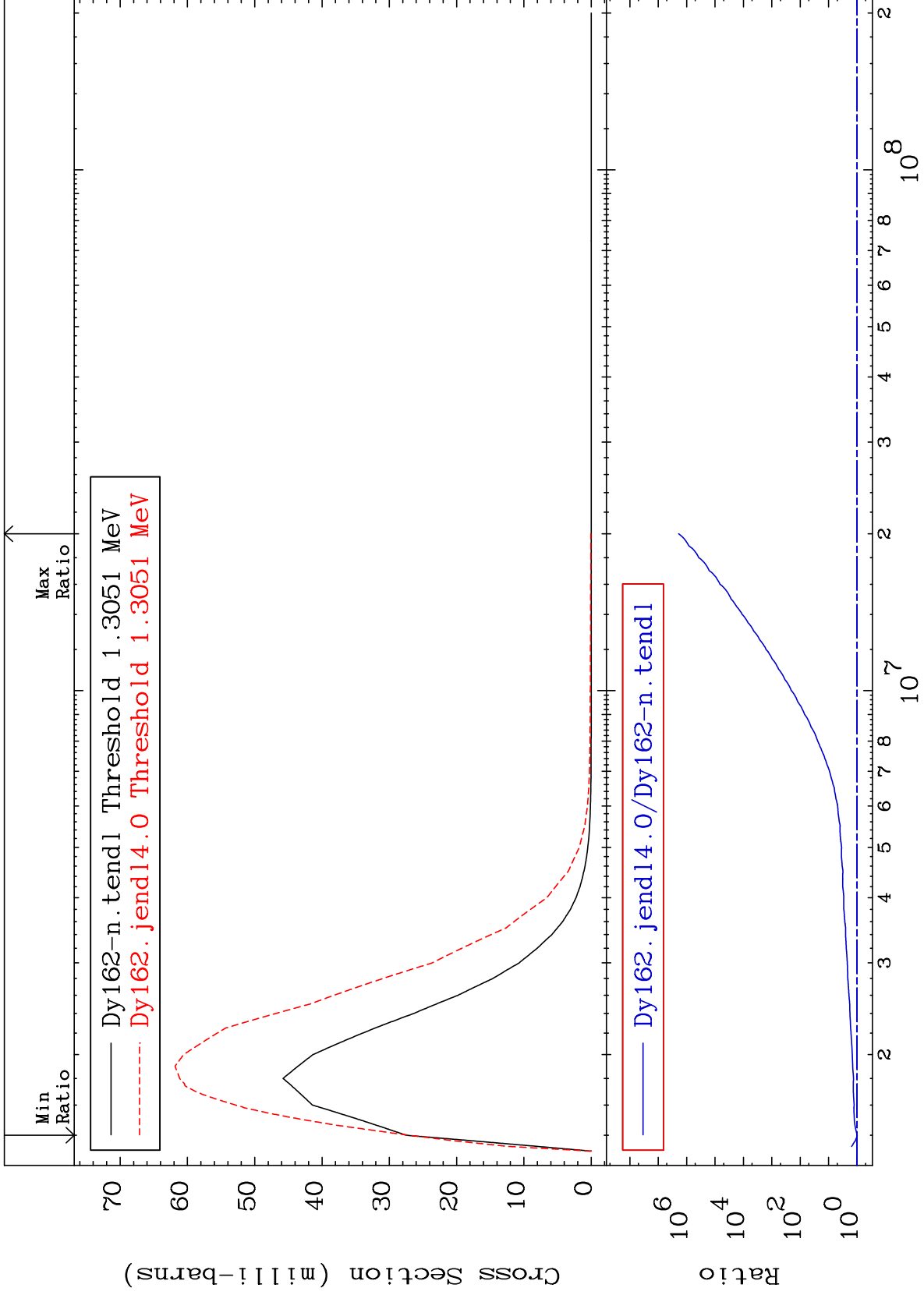
66-Dy-162
-88.24 To 161.2 %



MAT 6643

1.297 MeV (n,n') Level
Cross Section

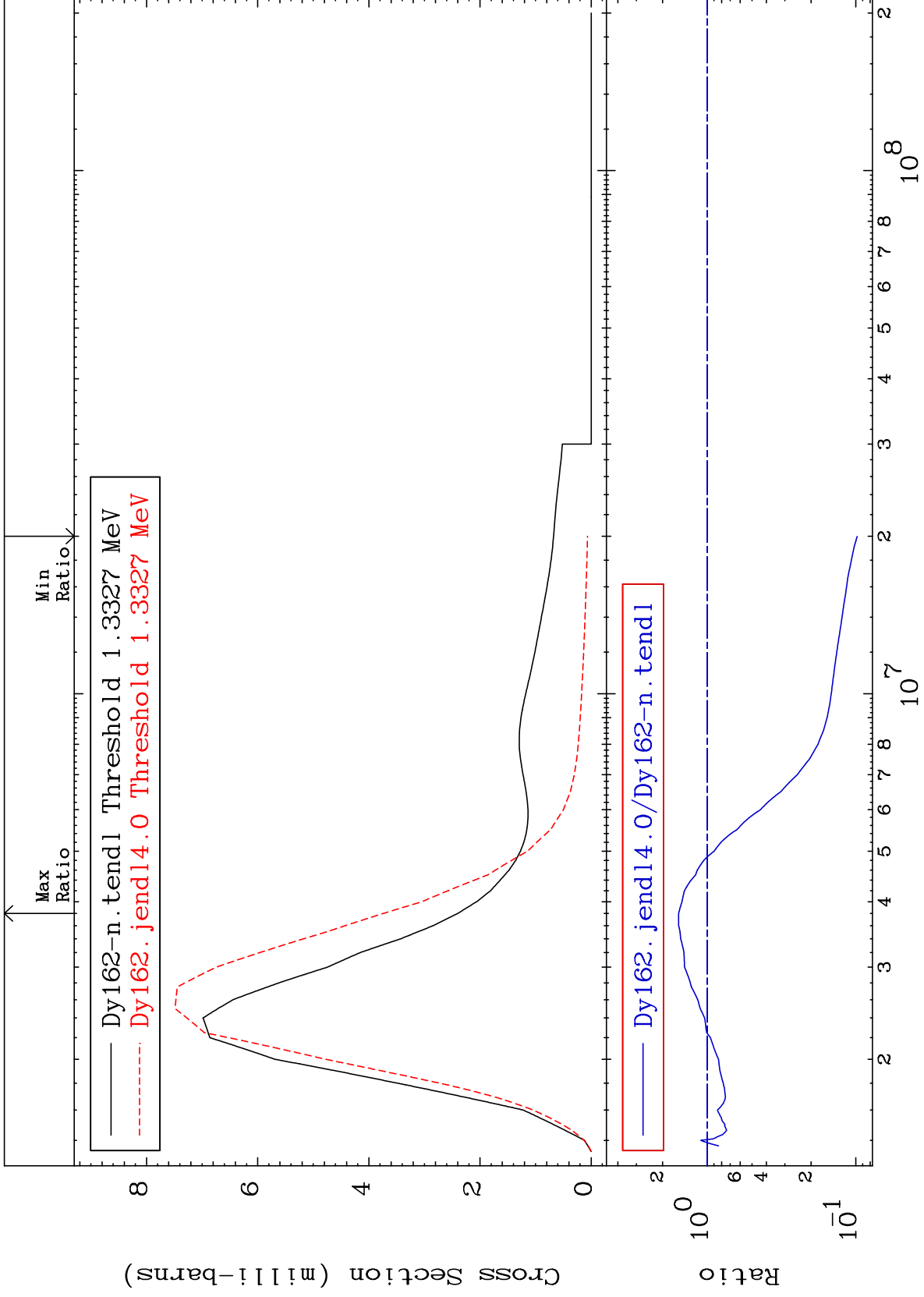
66-Dy-162
-1.700 To 9999. %



MAT 6643

1.324 MeV (n,n') Level
Cross Section

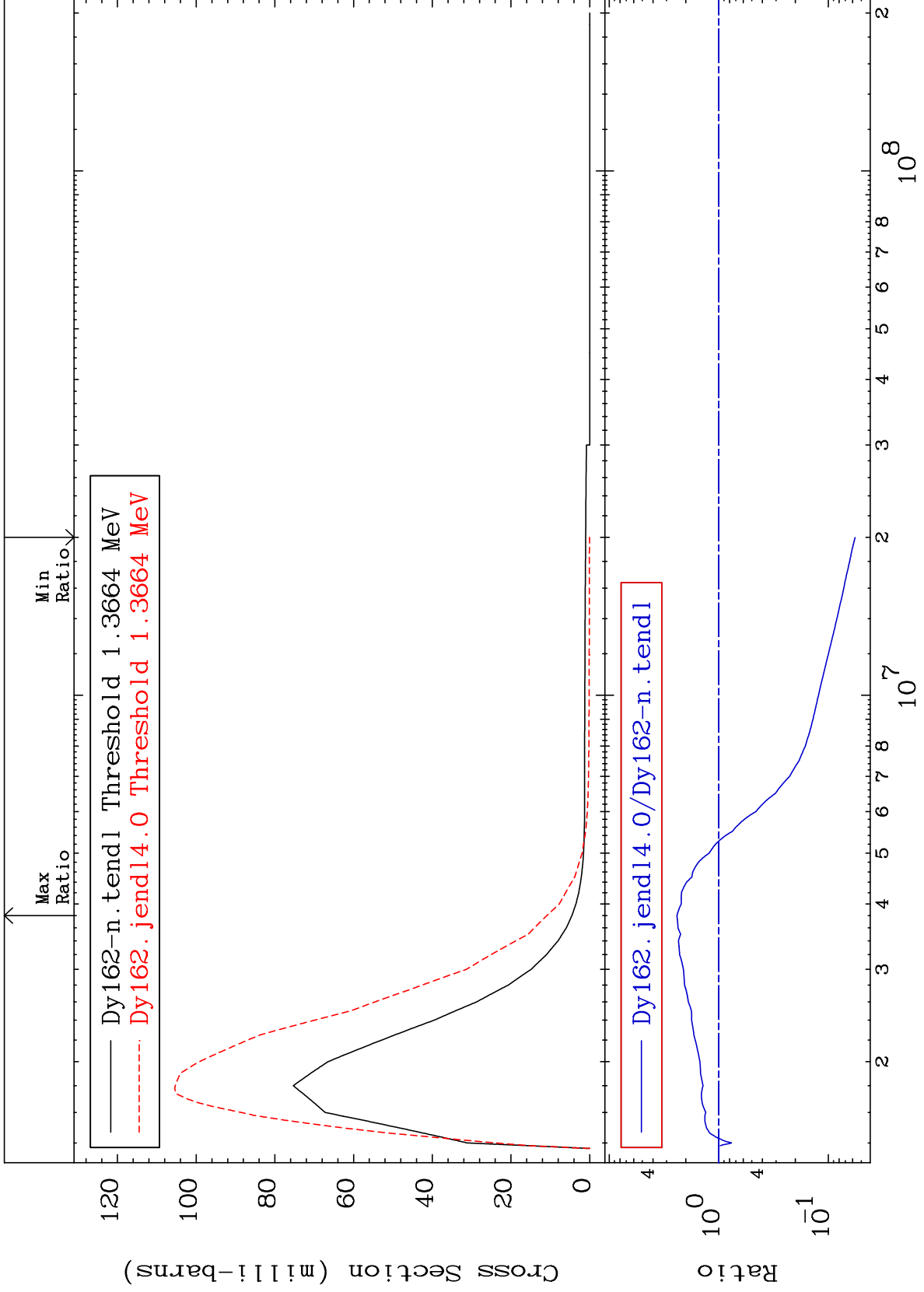
66-Dy-162
-90.22 To 55.82 %



MAT 6643

1.358 MeV (n,n') Level
Cross Section

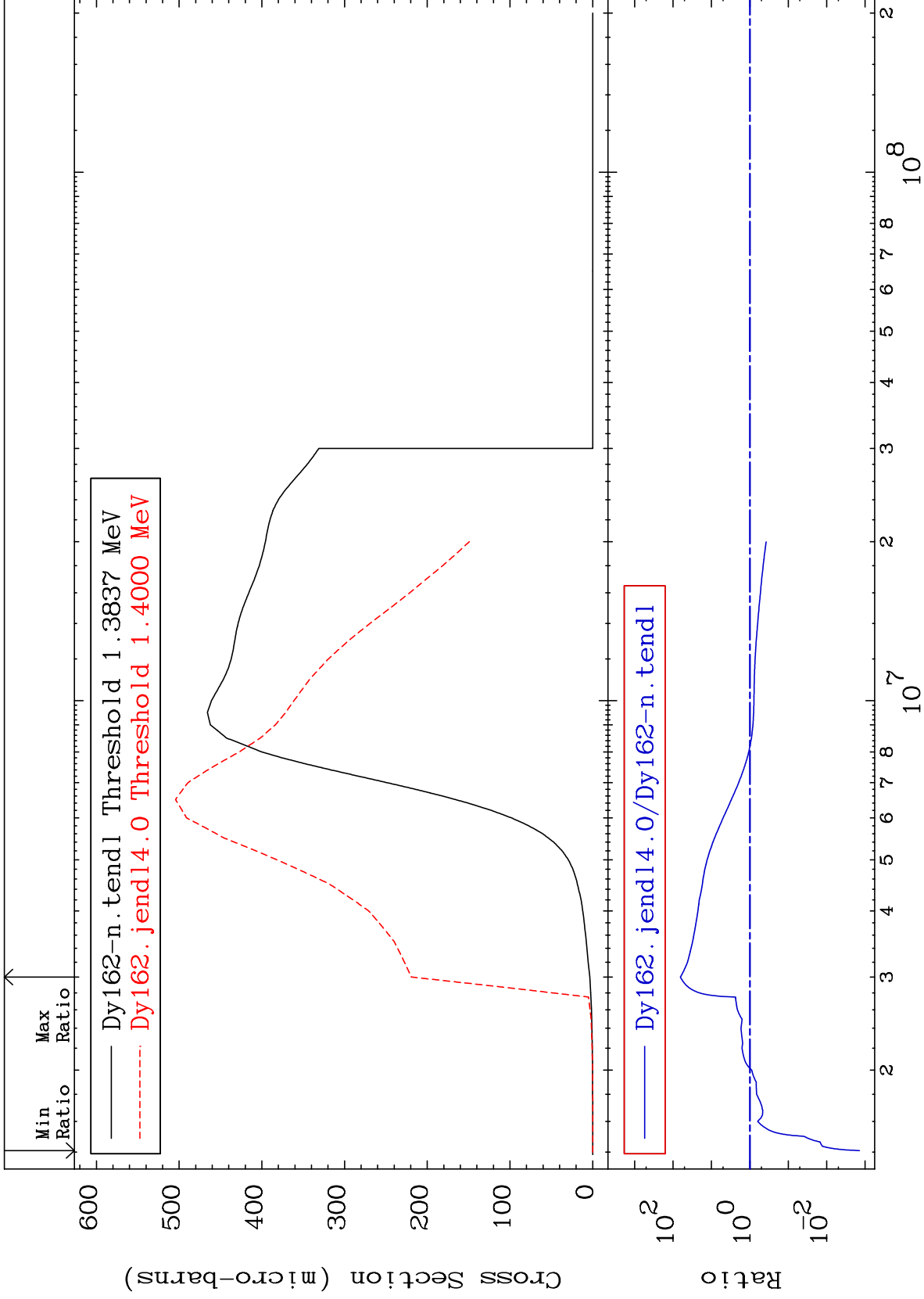
66-Dy-162
-94.29 To 141.5 %



MAT 6643

1.375 MeV (n,n') Level
Cross Section

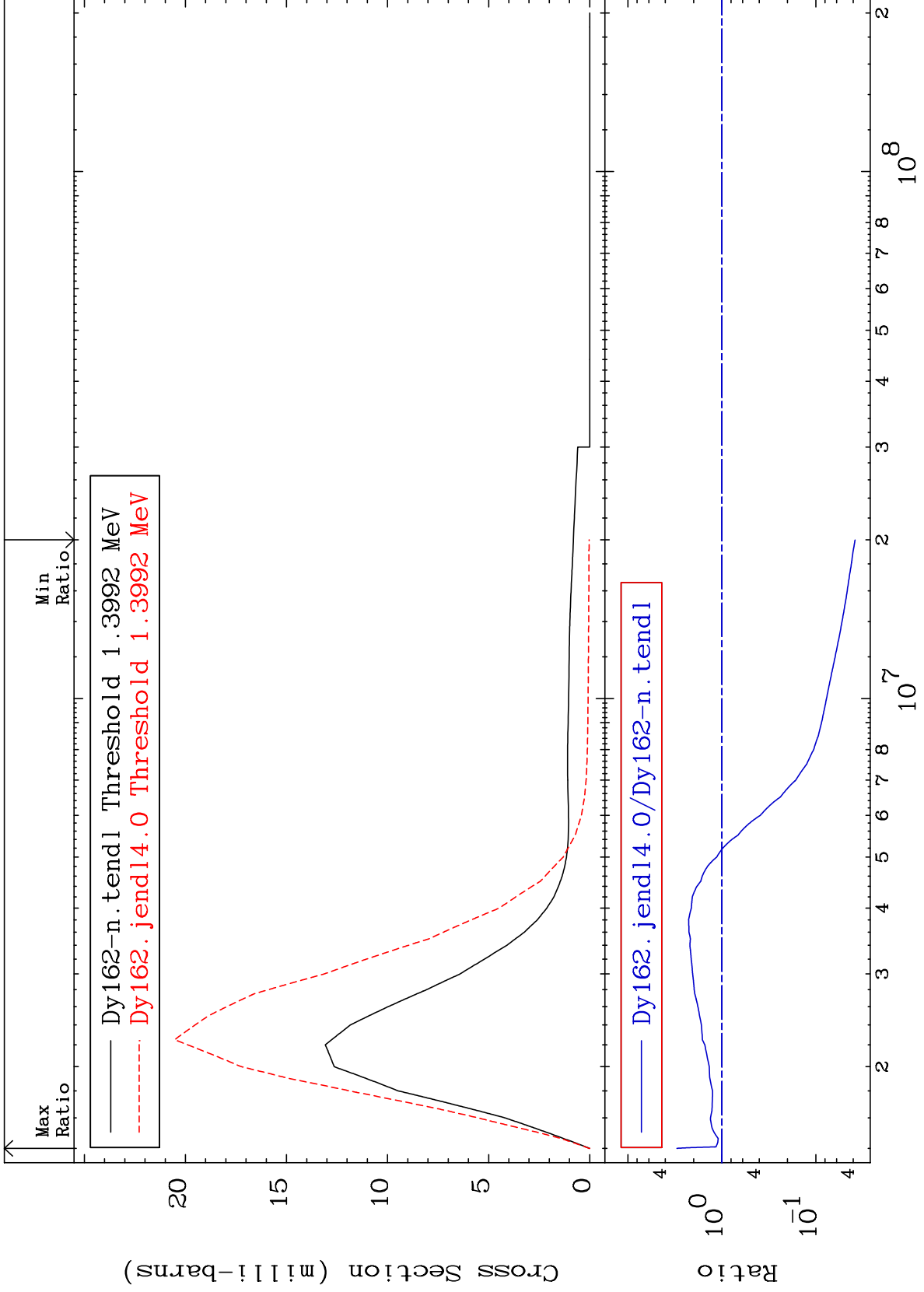
66-Dy-162
-99.86 To 6340. %



MAT 6643

1.391 MeV (n,n') Level
Cross Section

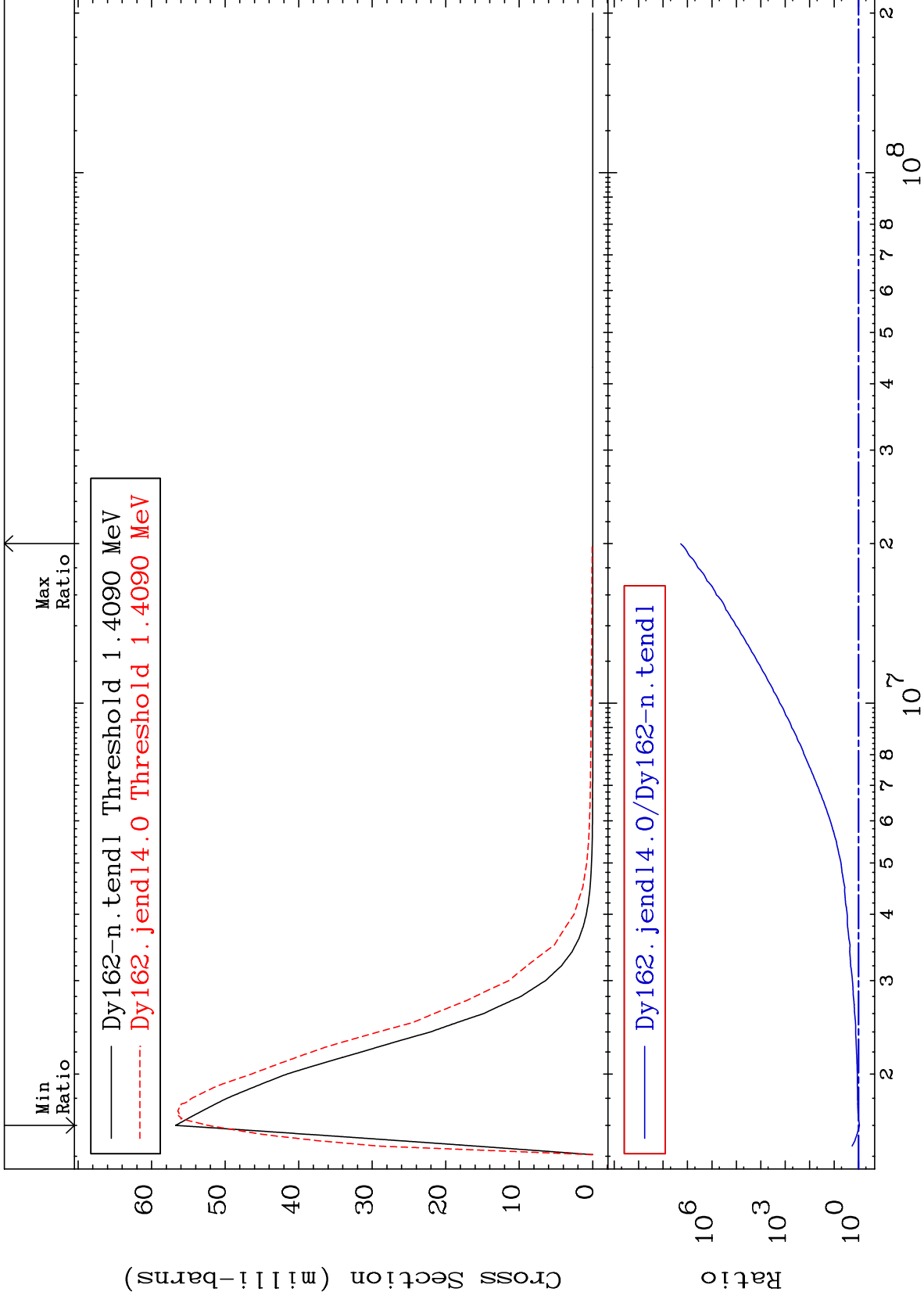
66-Dy-162
-96.18 To 201.0 %



MAT 6643

1.400 MeV (n,n') Level
Cross Section

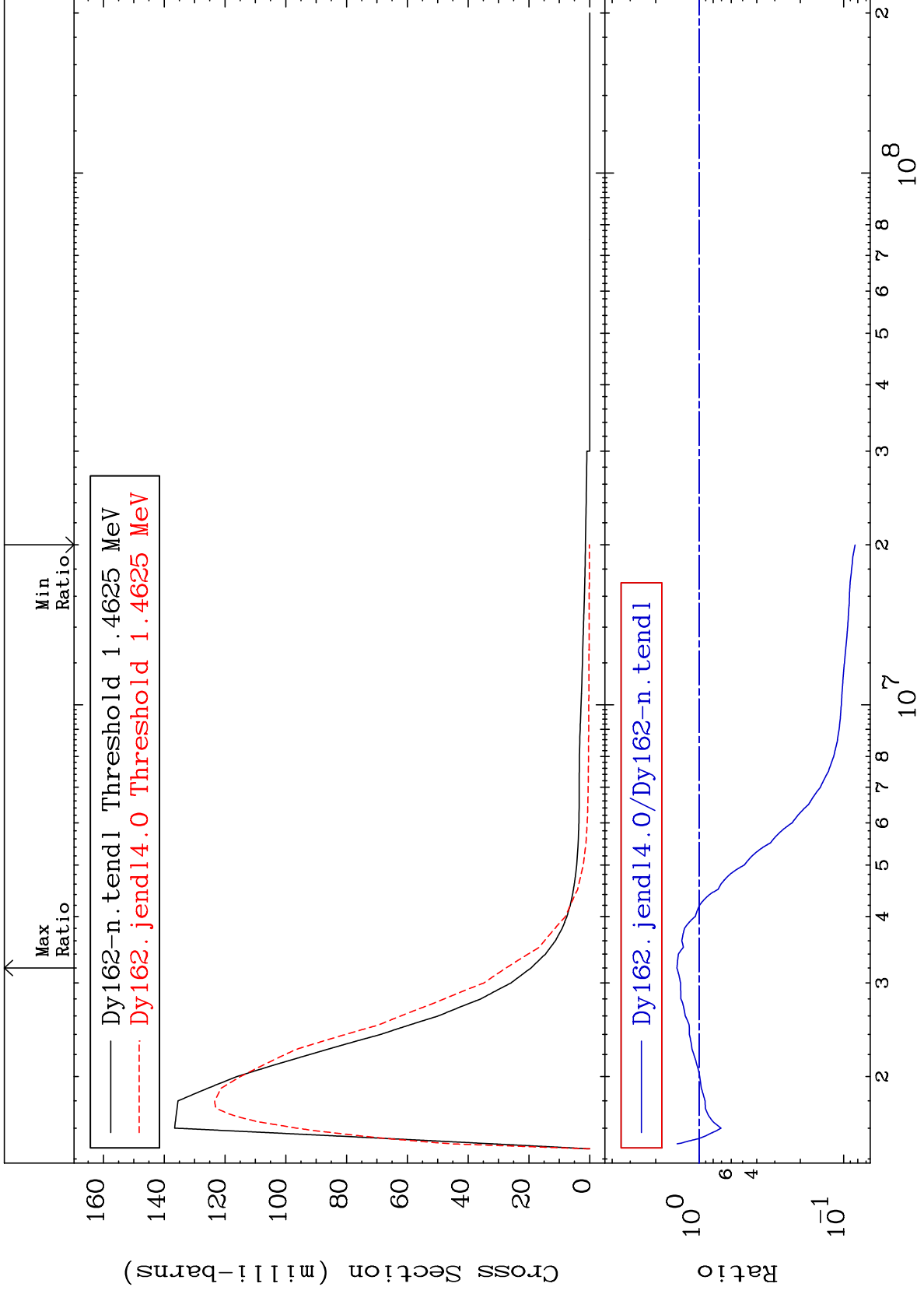
66-Dy-162
-7.831 To 9999. %



MAT 6643

1.453 MeV (n,n') Level
Cross Section

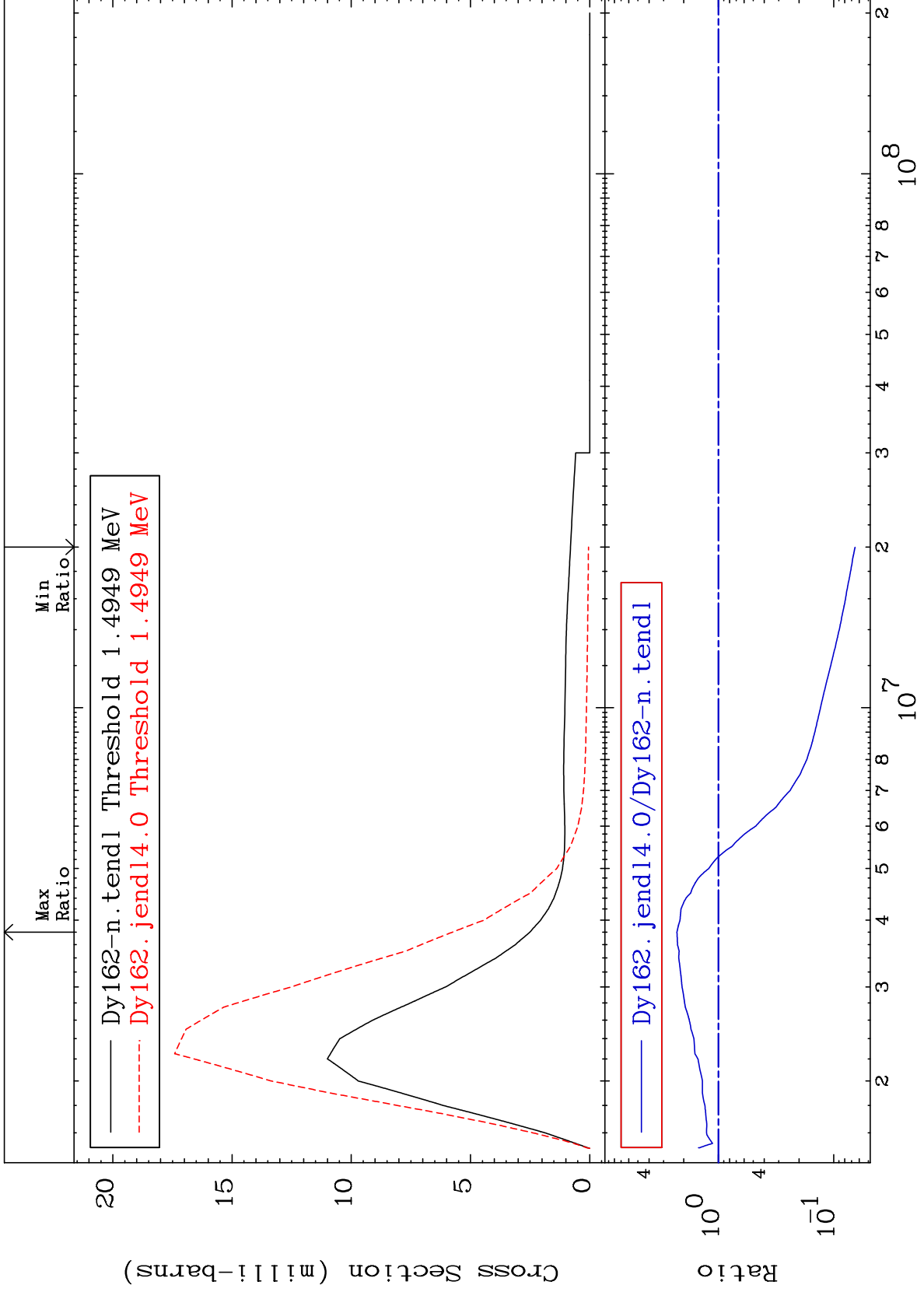
66-Dy-162
-91.65 To 42.47 %



MAT 6643

1.486 MeV (n,n') Level
Cross Section

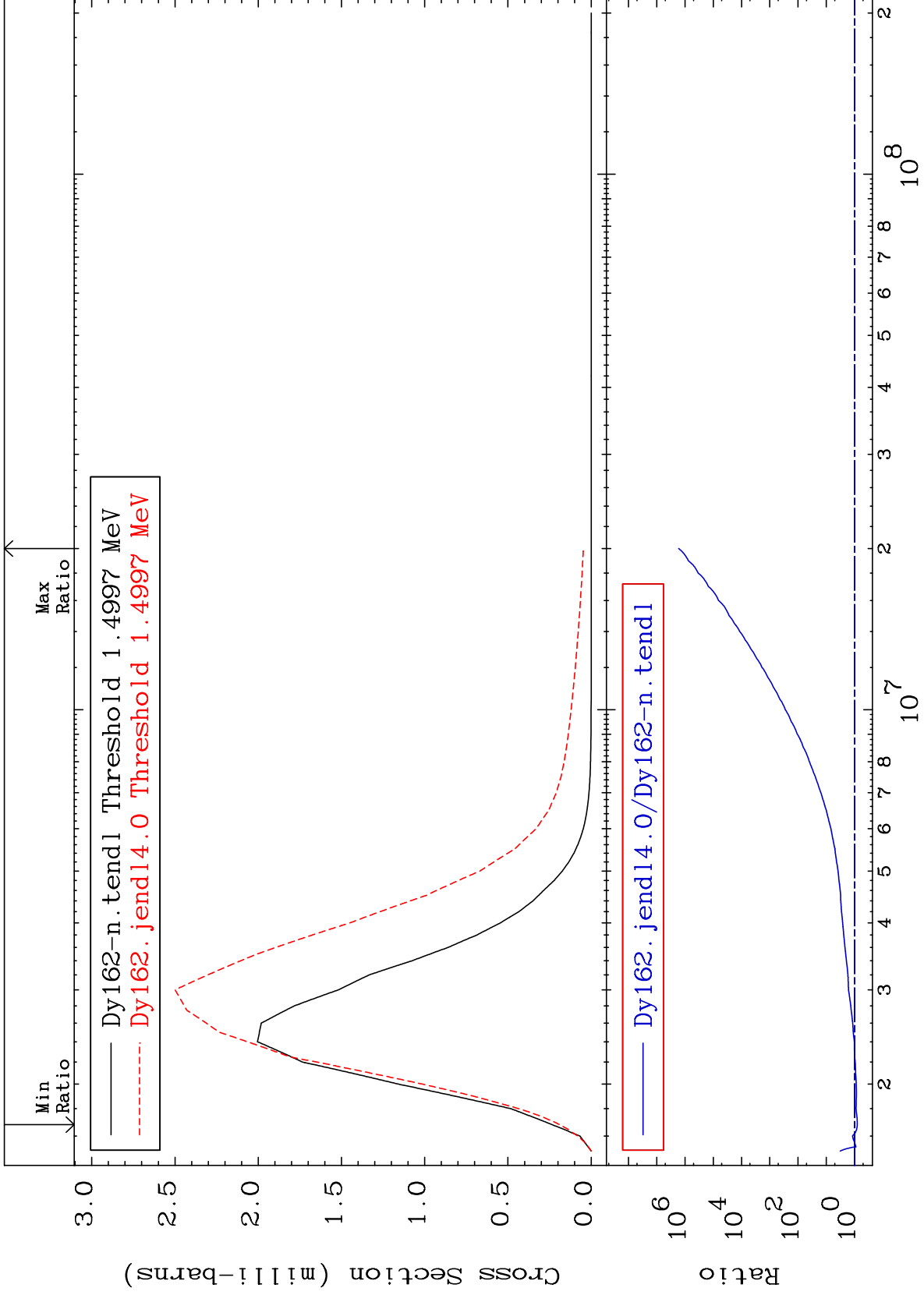
66-Dy-162
-93.49 To 129.4 %



MAT 6643

1.490 MeV (n,n') Level
Cross Section

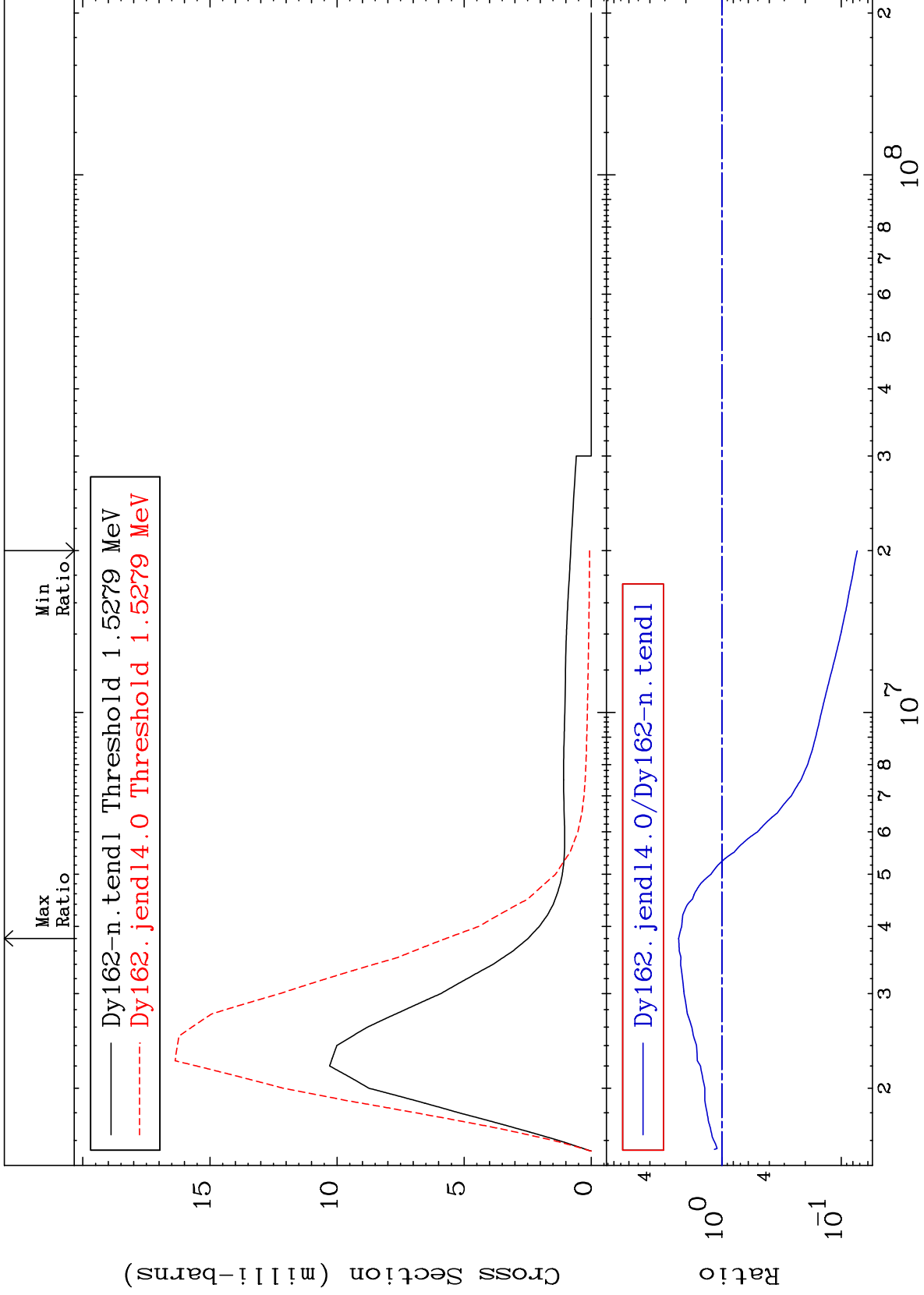
66-Dy-162
-19.23 To 9999. %



MAT 6643

1.518 MeV (n,n') Level
Cross Section

66-Dy-162
-92.65 To 129.8 %



30

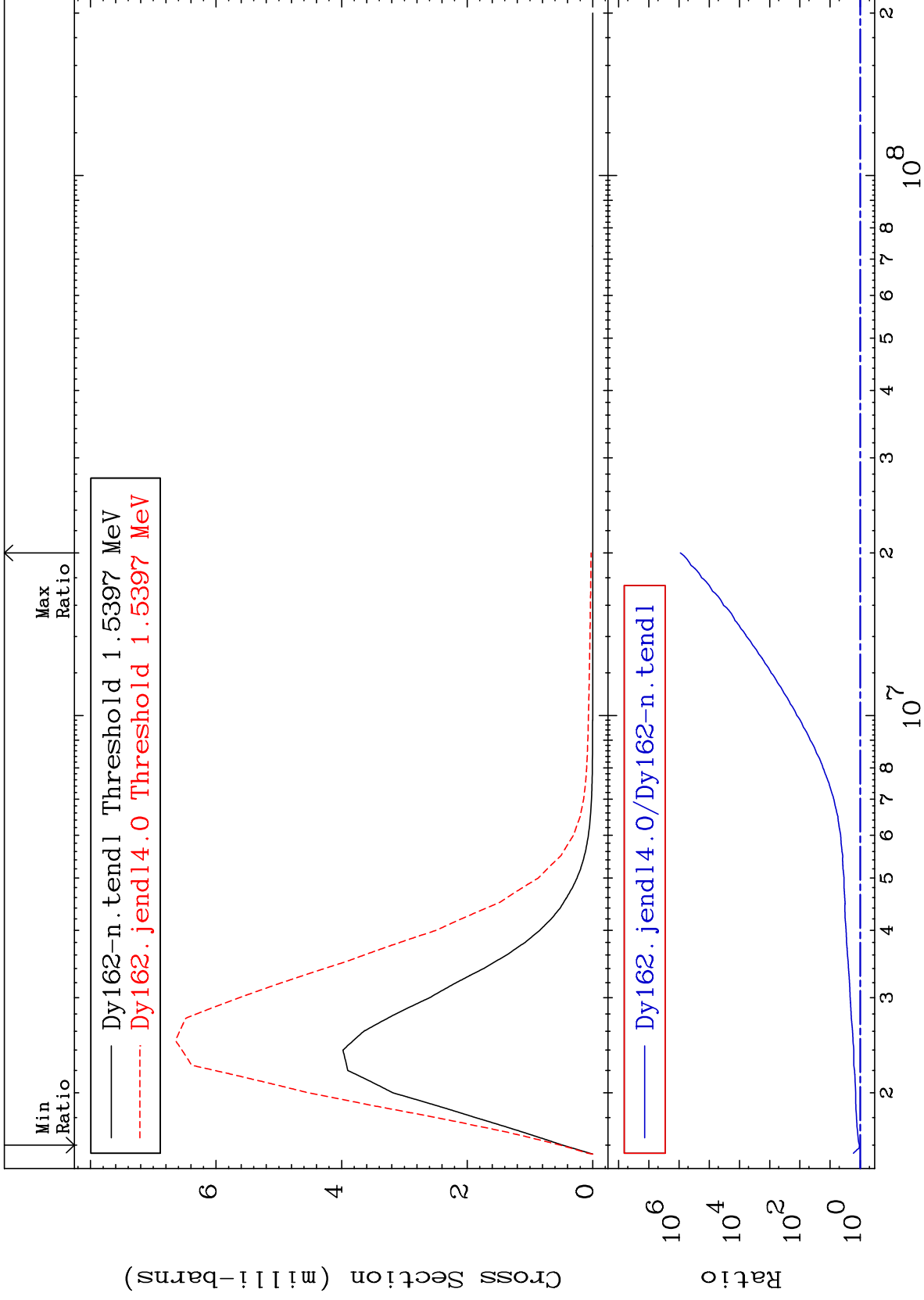
Incident Energy (eV)

66-Dy-162

MAT 6643

1.530 MeV (n,n') Level
Cross Section

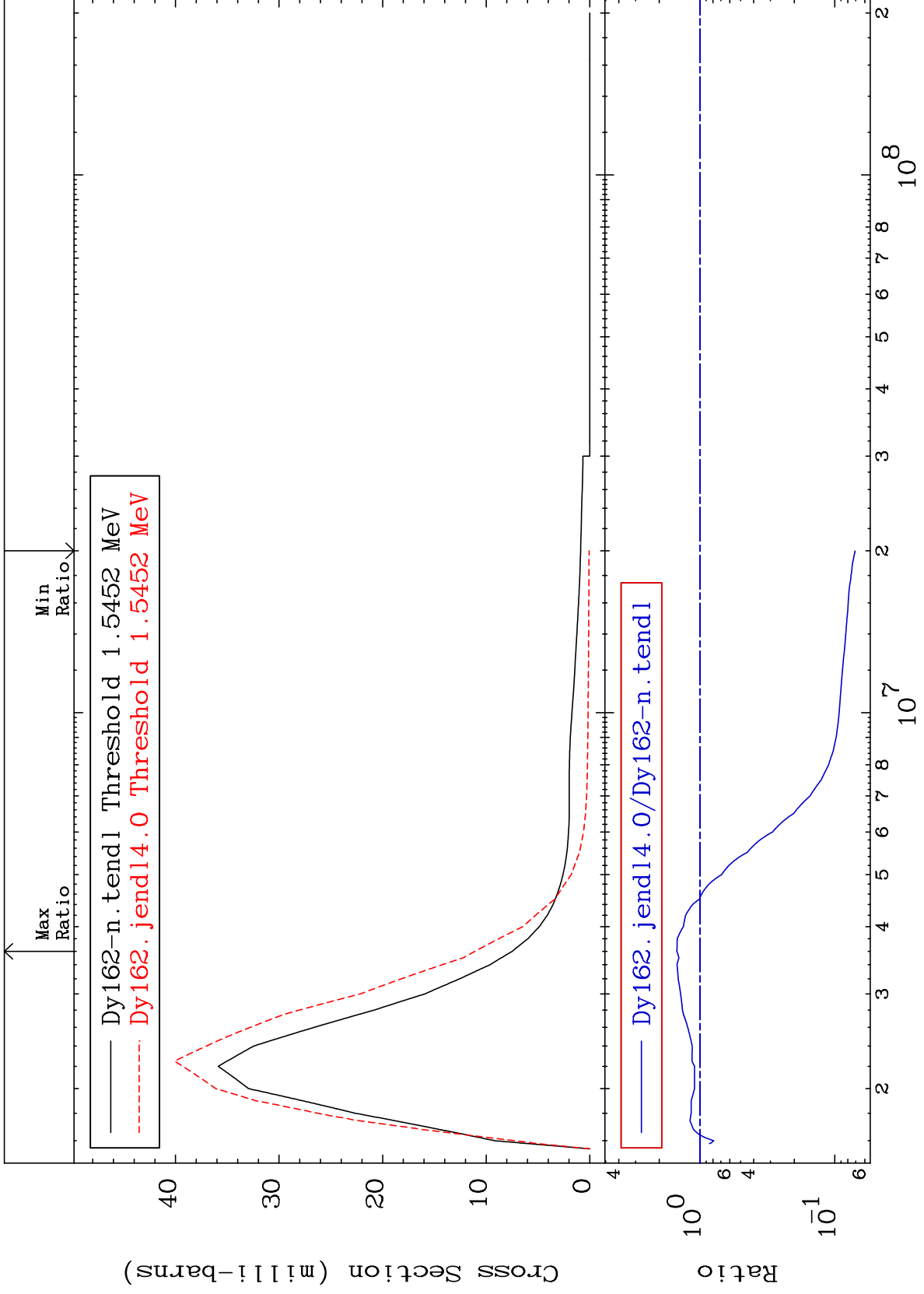
66-Dy-162
To 9999. %
6.861



MAT 6643

1.536 MeV (n,n') Level
Cross Section

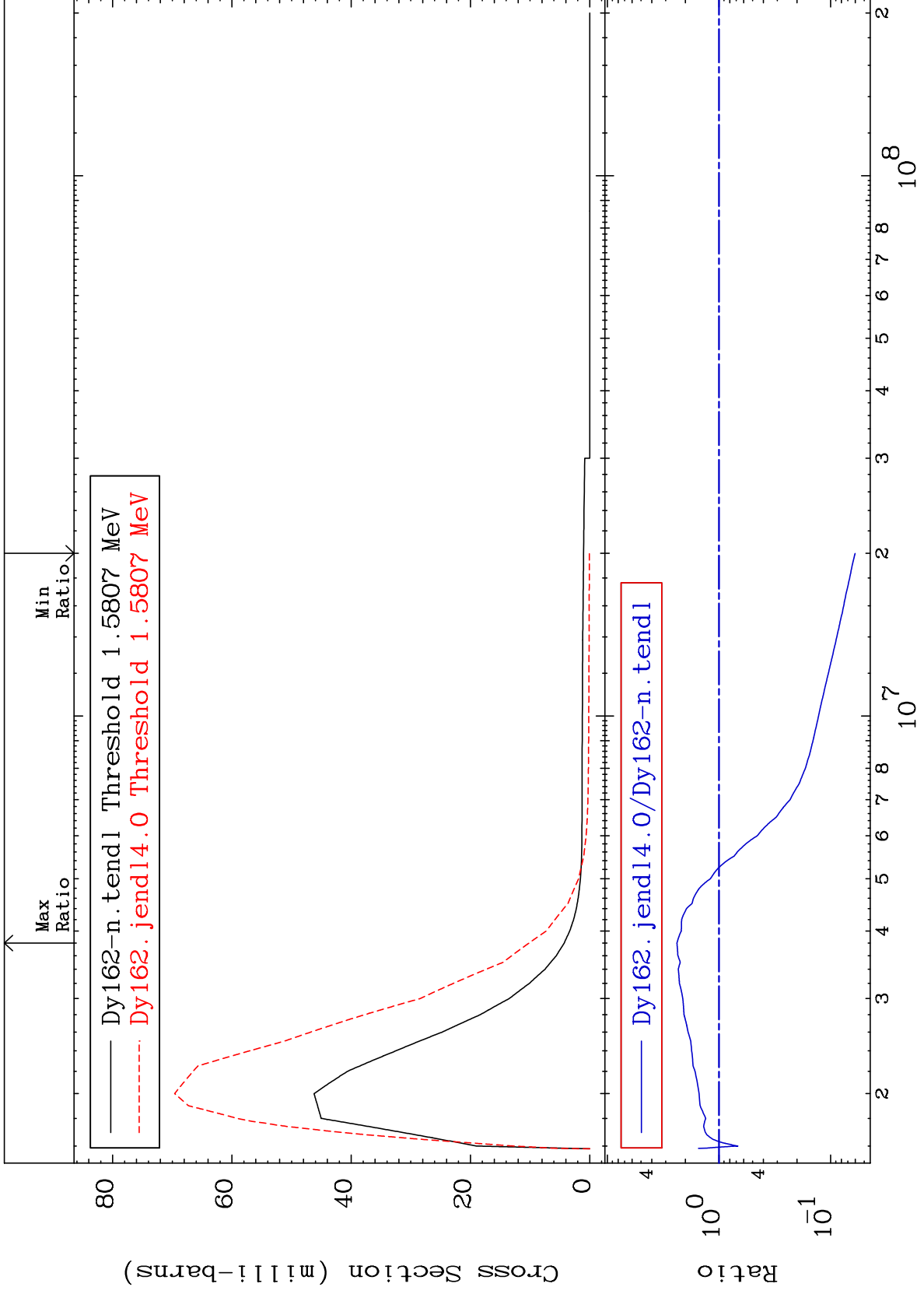
66-Dy-162
-92.92 To 48.10 %



MAT 6643

1.571 MeV (n,n') Level
Cross Section

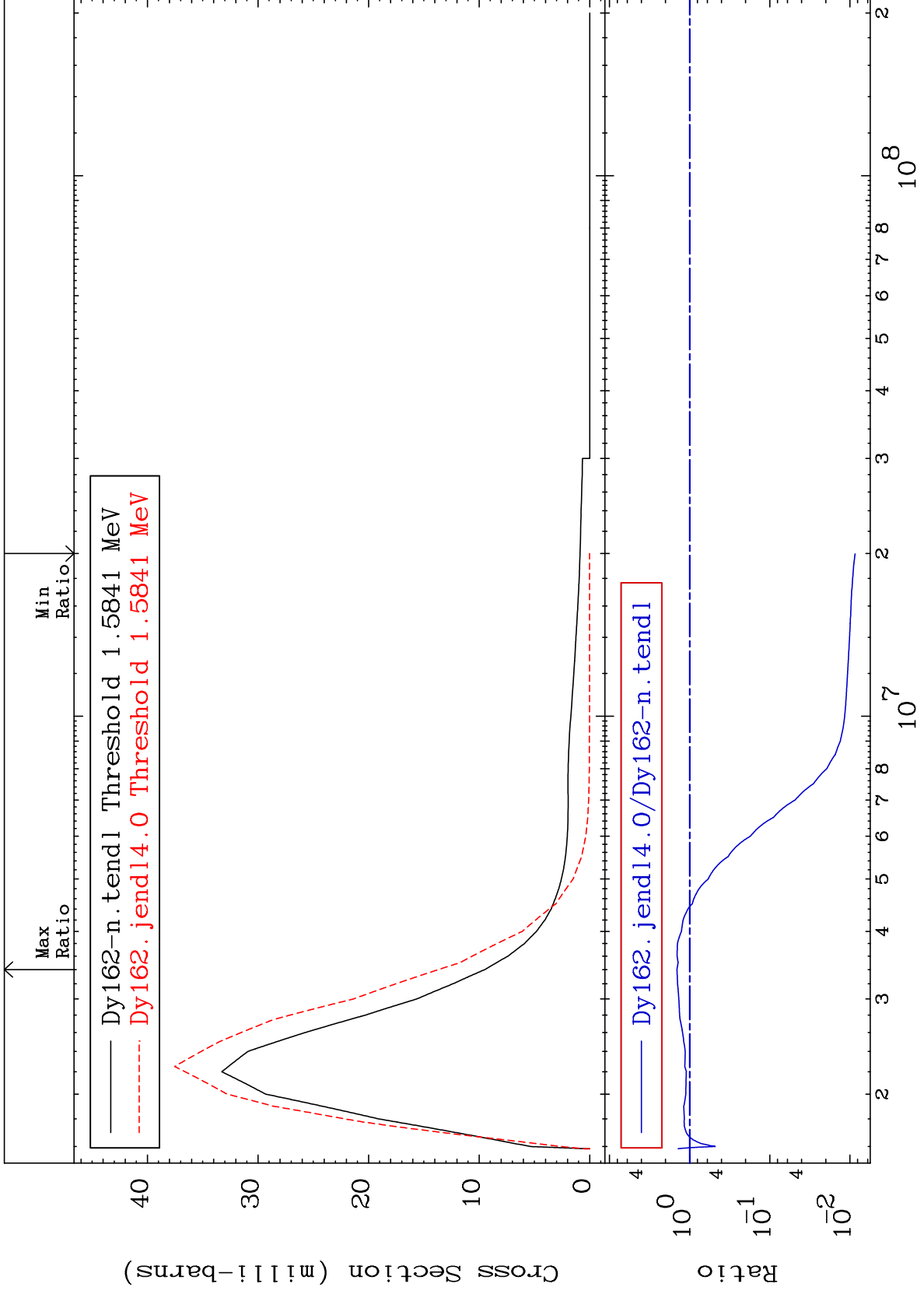
66-Dy-162
-93.97 To 137.9 %



MAT 6643

1.574 MeV (n,n') Level
Cross Section

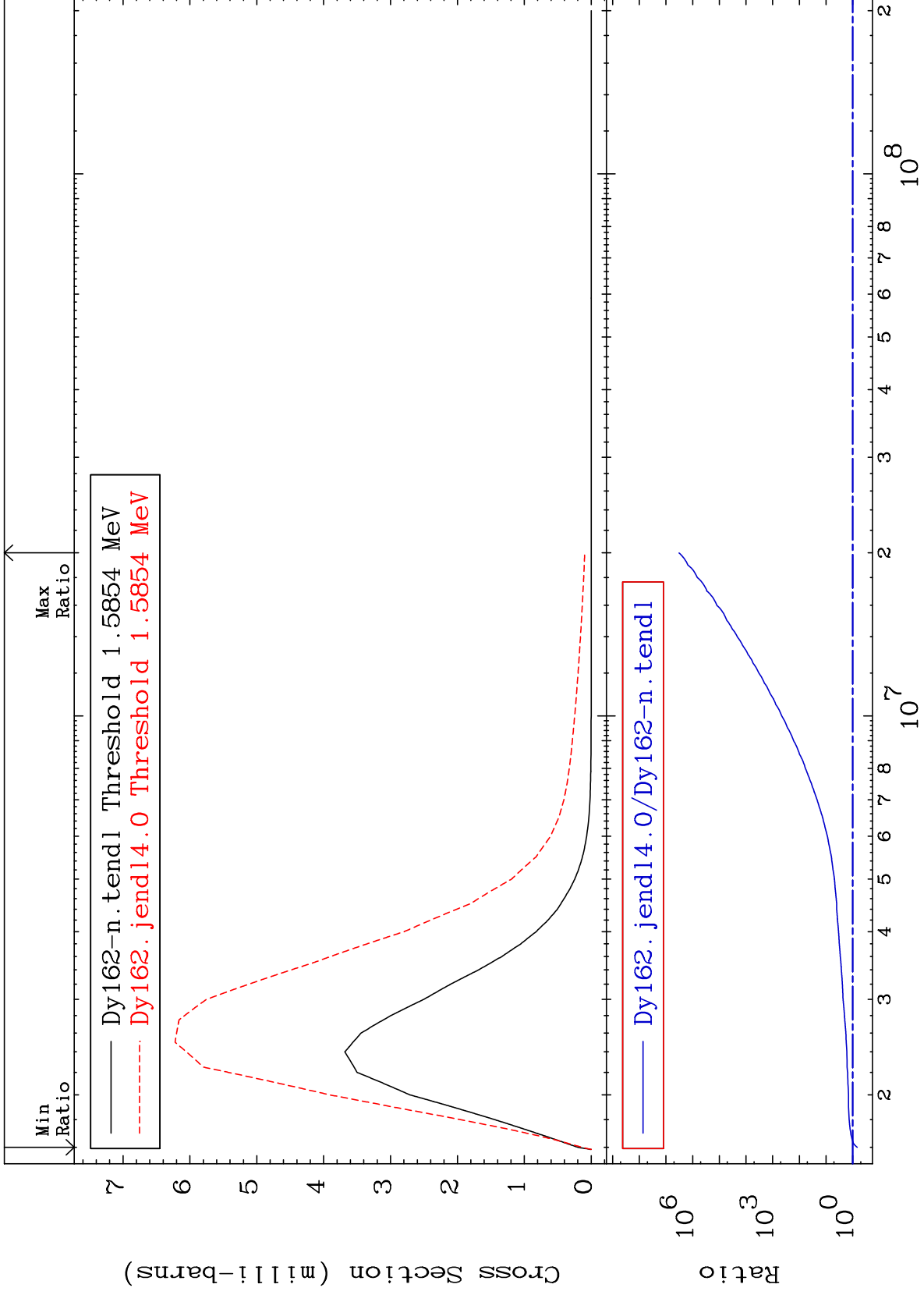
66-Dy-162
-99.14 To 44.11 %



MAT 6643

1.576 MeV (n,n') Level
Cross Section

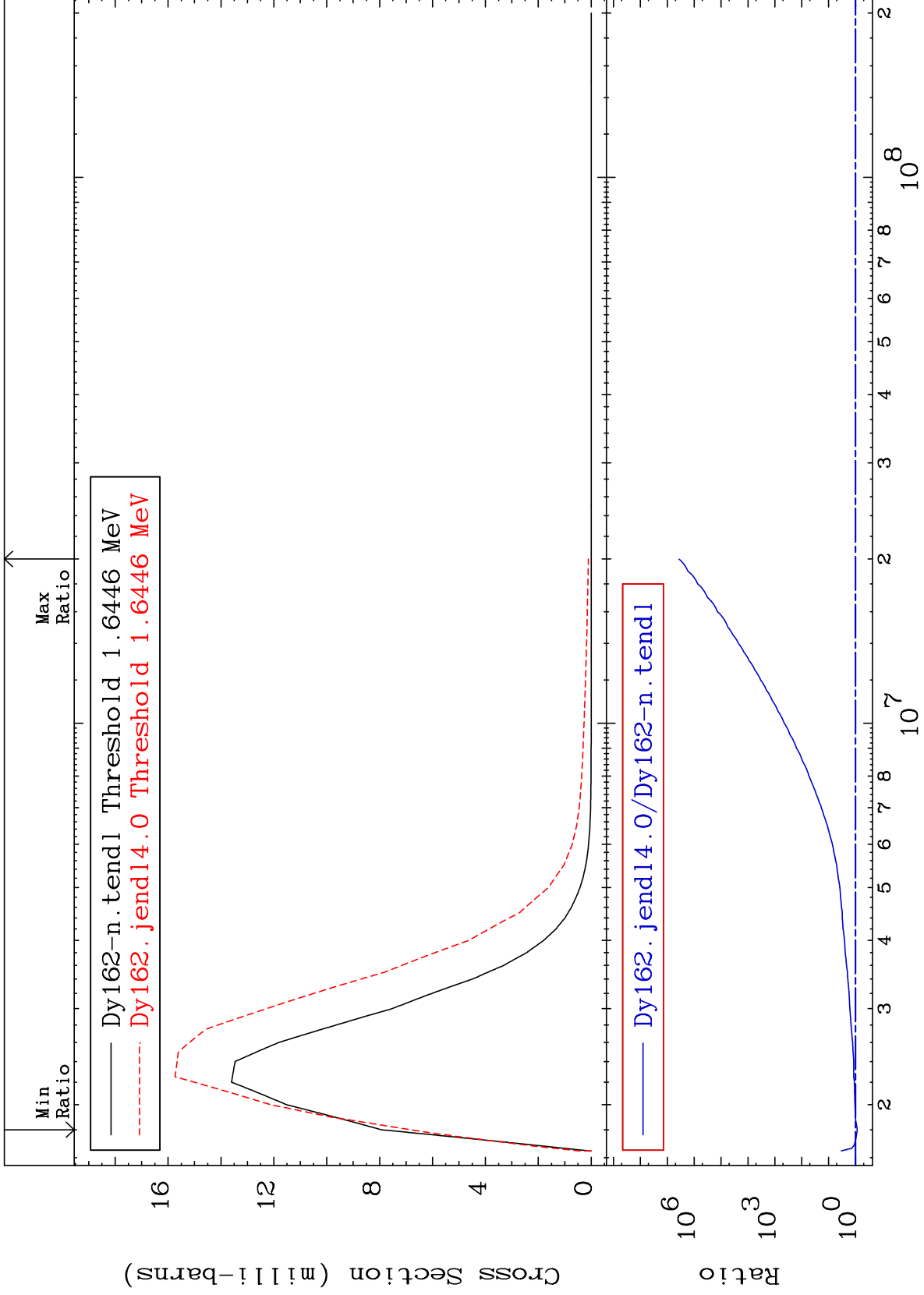
66-Dy-162
-32.58 To 9999. %



MAT 6643

1.634 MeV (n,n') Level
Cross Section

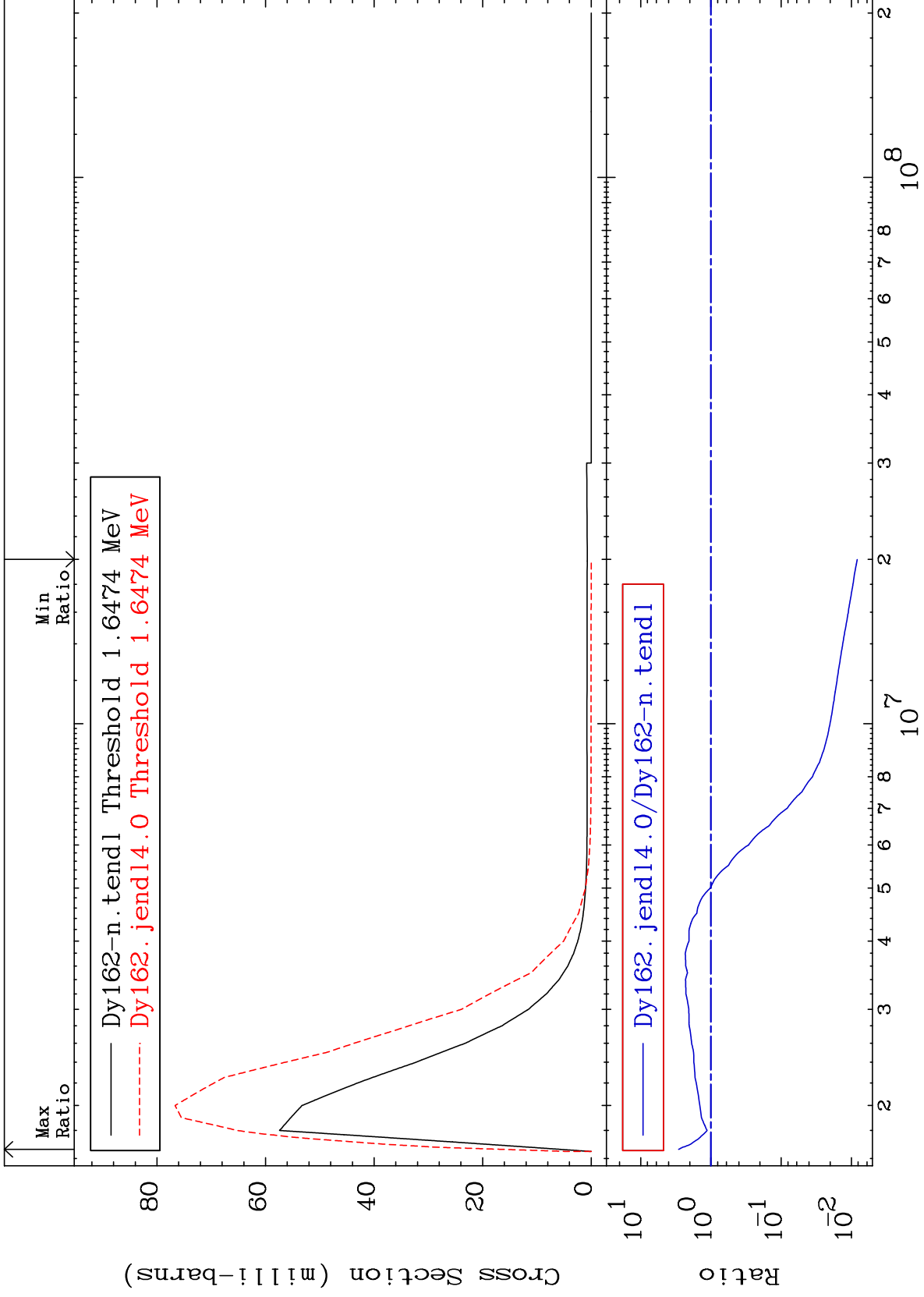
66-Dy-162
-13.83 To 9999. %



MAT 6643

1.637 MeV (n,n') Level
Cross Section

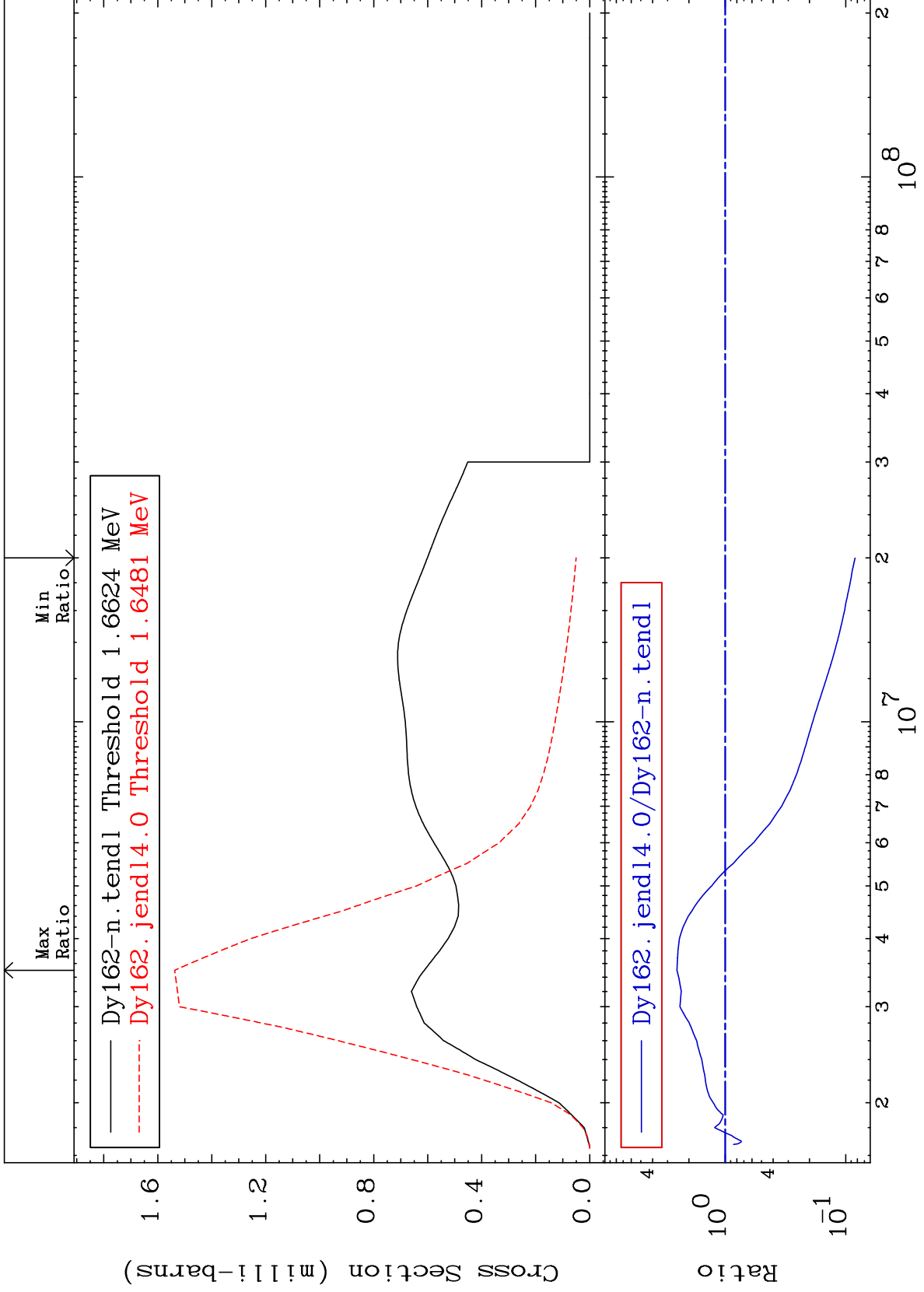
66-Dy-162
-99.18 To 187.9 %



MAT 6643

1.652 MeV (n,n') Level
Cross Section

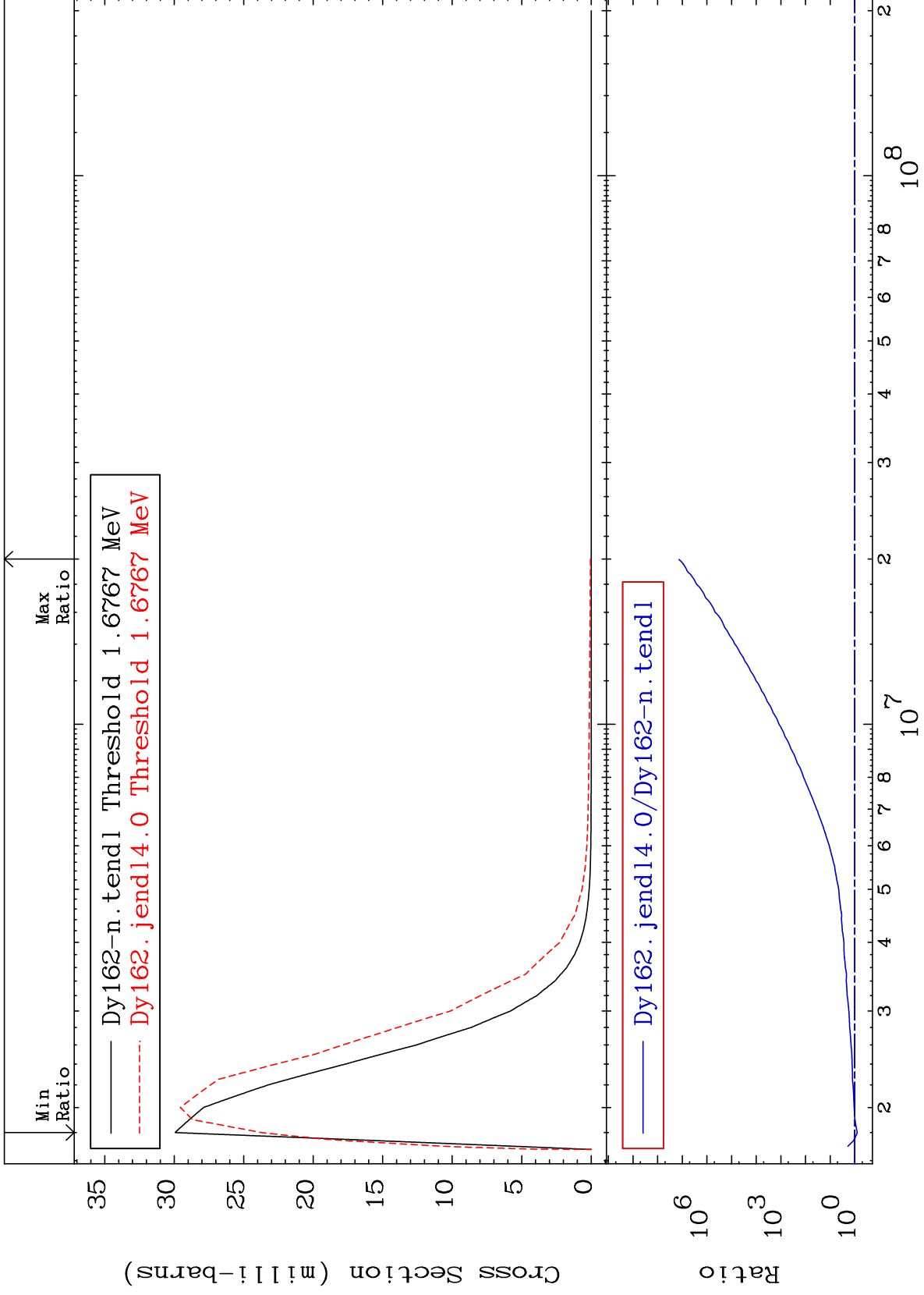
66-Dy-162
-91.64 To 151.0 %



MAT 6643

1.666 MeV (n,n') Level
Cross Section

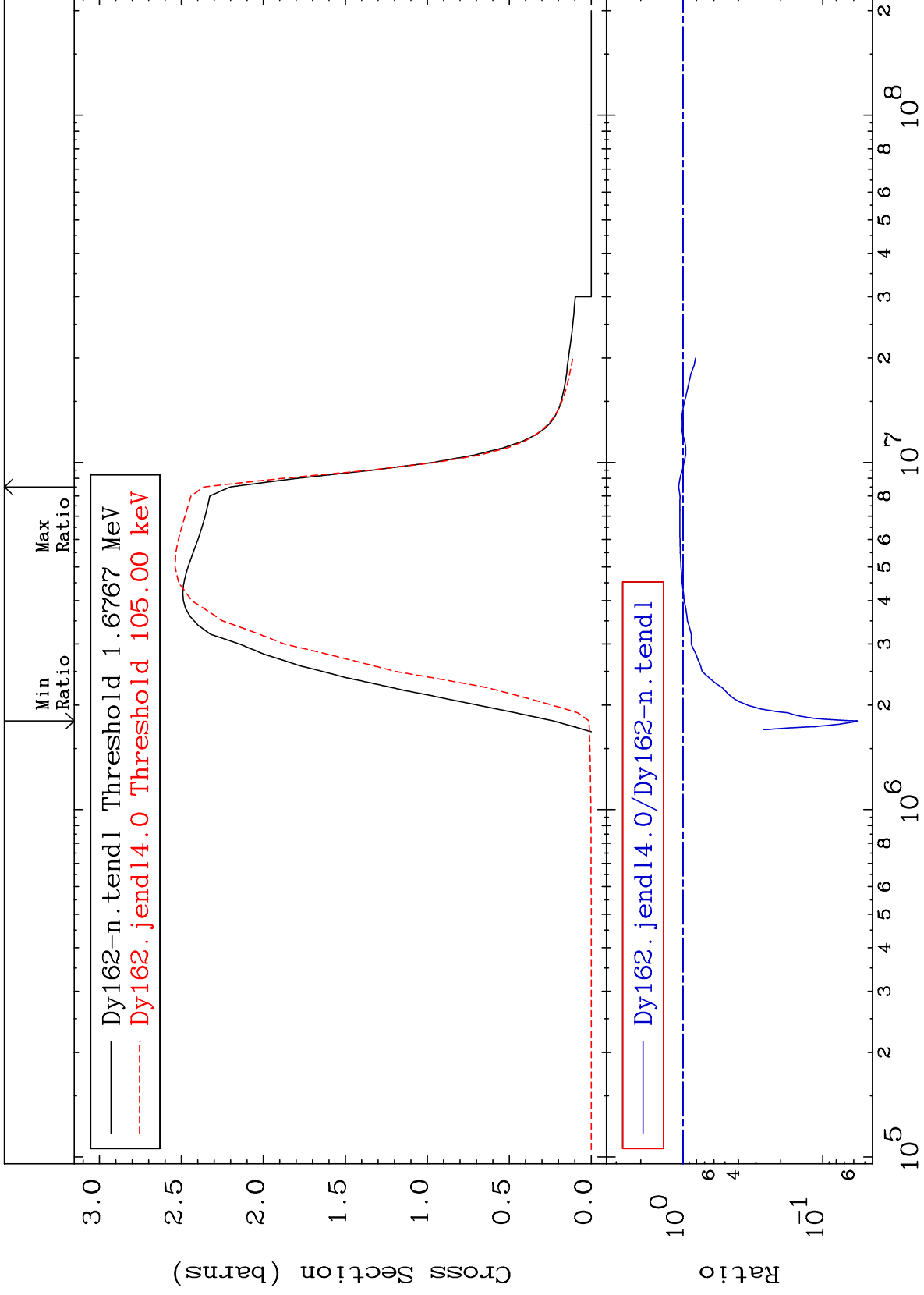
66-Dy-162
-20.69 To 9999. %



MAT 6643

(n, n') Continuum
Cross Section

66-Dy-162
-94.33 To 7.275 %



40

Incident Energy (eV)

66-Dy-162

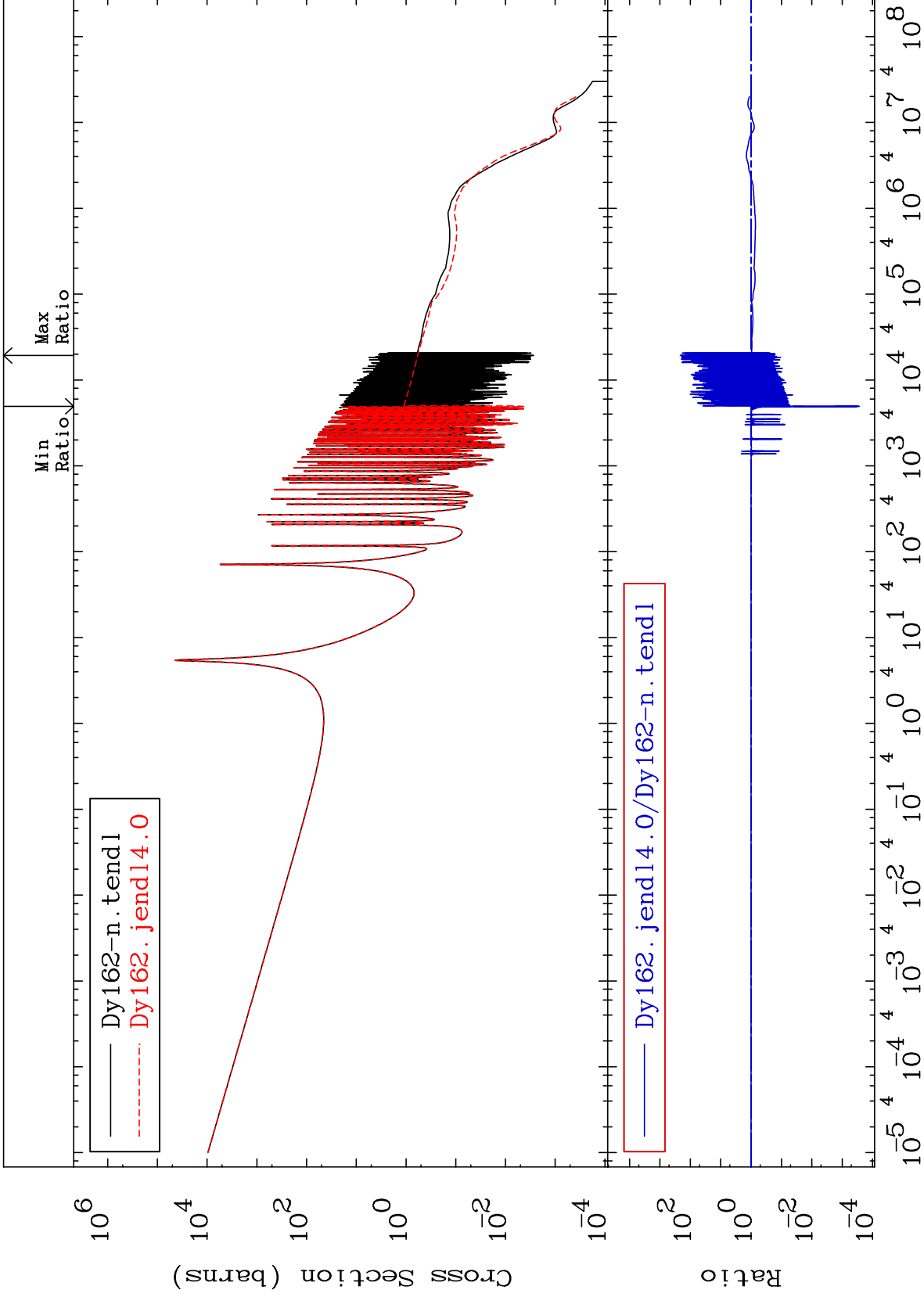
MAT 6643

(n, γ)

66-Dy-162

Cross Section

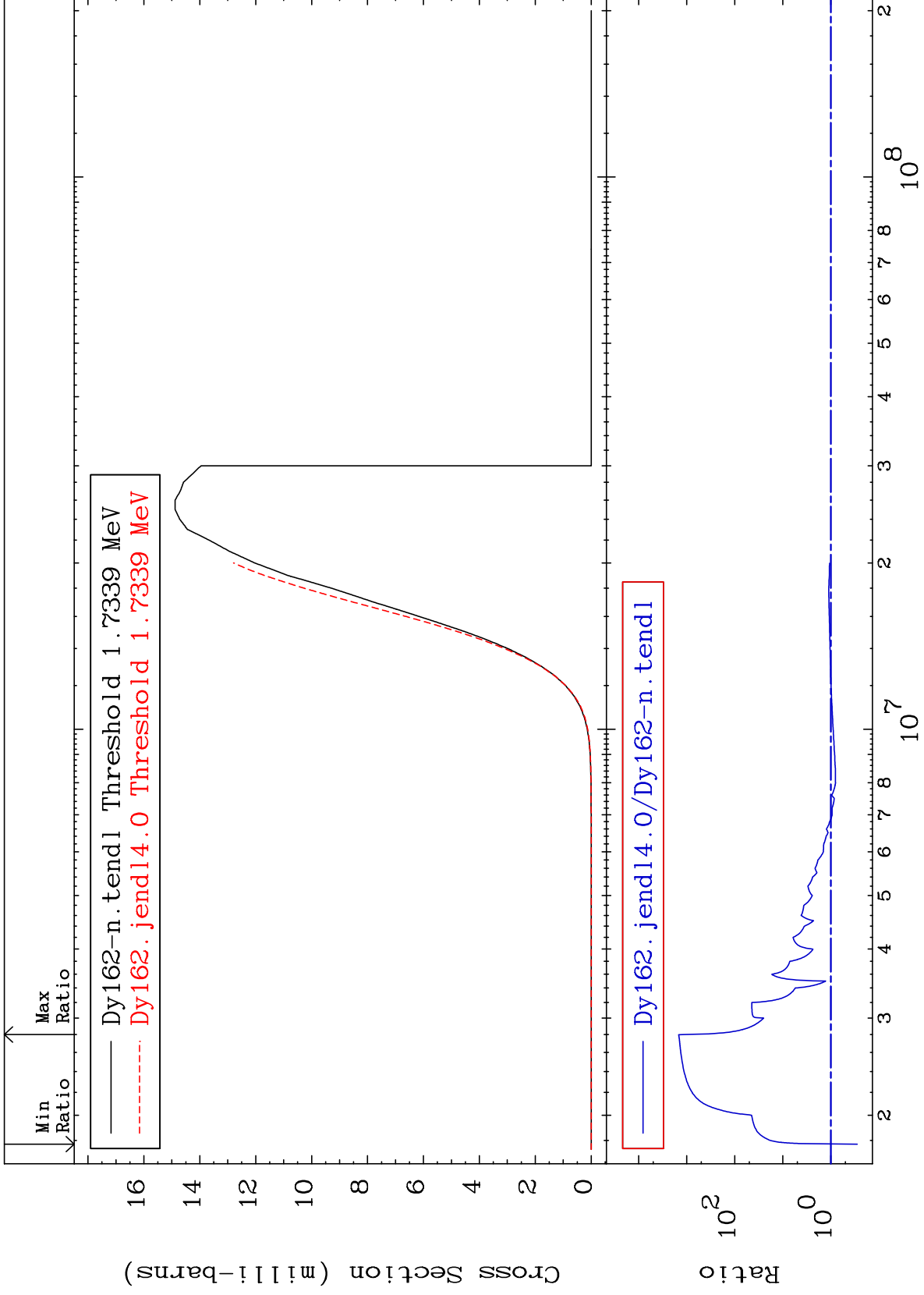
-99.97 To 9999. %



MAT 6643

(n,p)
Cross Section

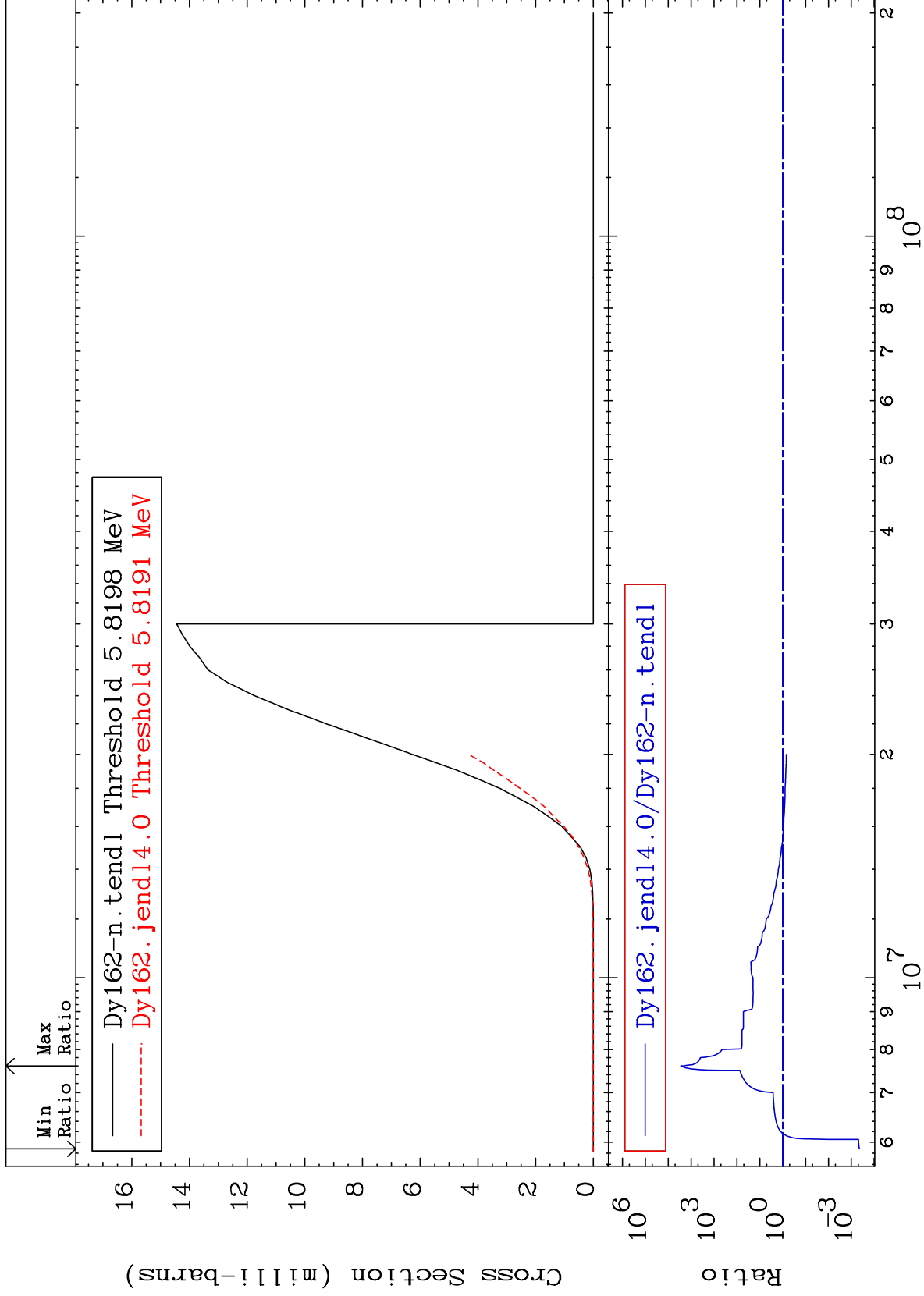
66-Dy-162
-71.81 To 9999. %



MAT 6643

(n, d)
Cross Section

66-Dy-162
-99.96 To 9999. %



43

66-Dy-162

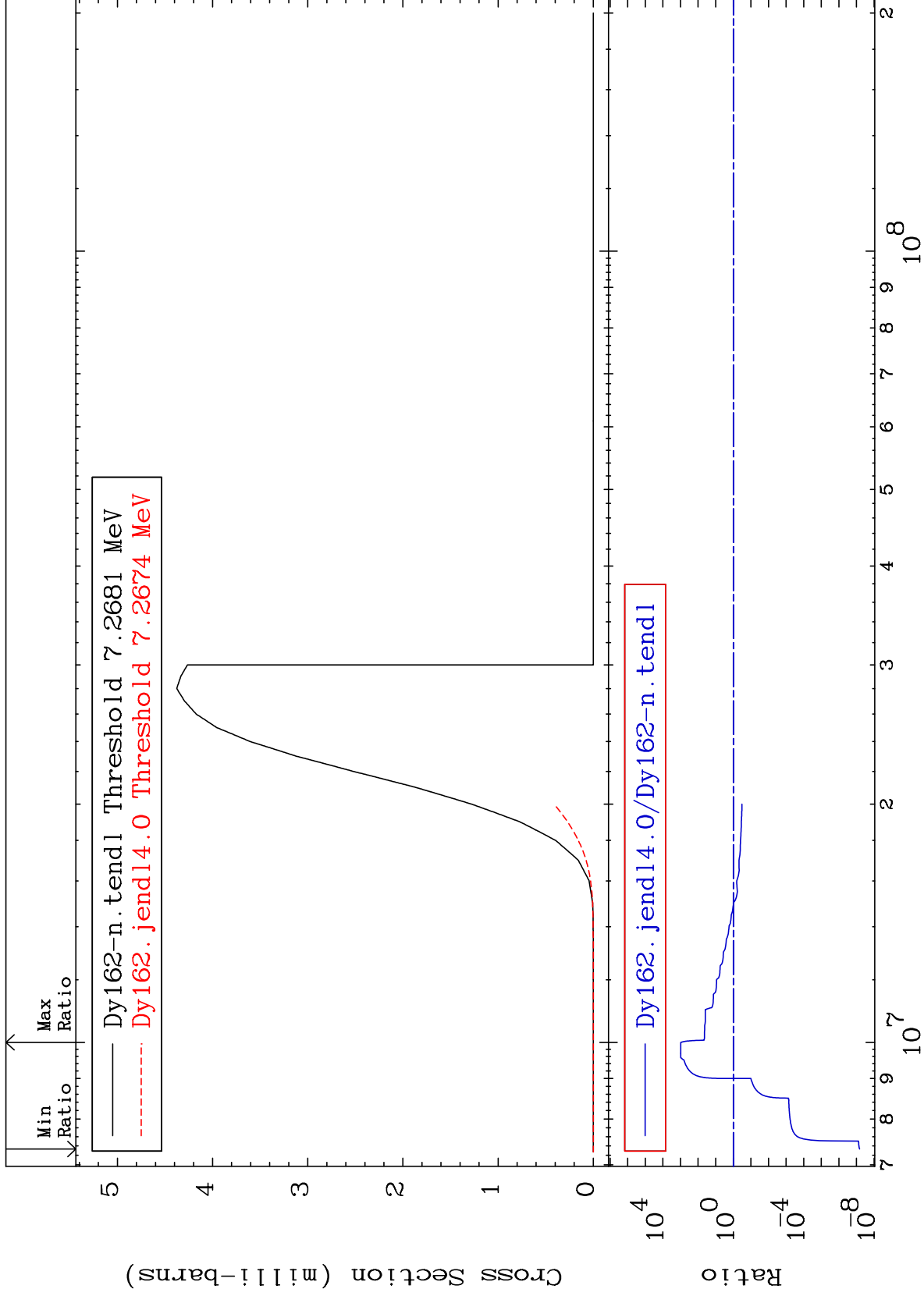
MAT 6643

(n, t)

66-Dy-162

Cross Section

-100.0 To 9999. %



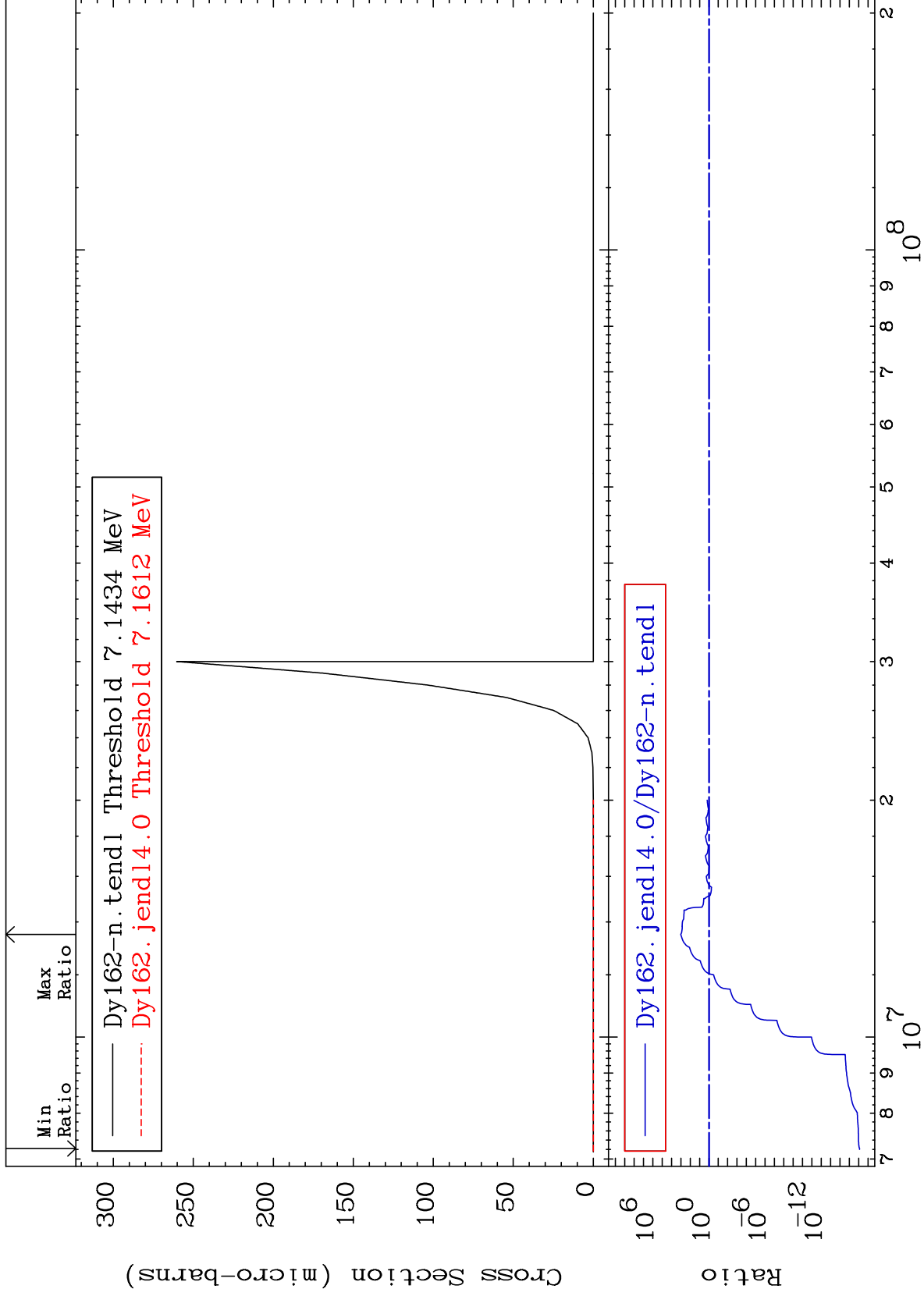
MAT 6643

(n, He-3)

66-Dy-162

Cross Section

-100.0 To 9999. %



45

66-Dy-162

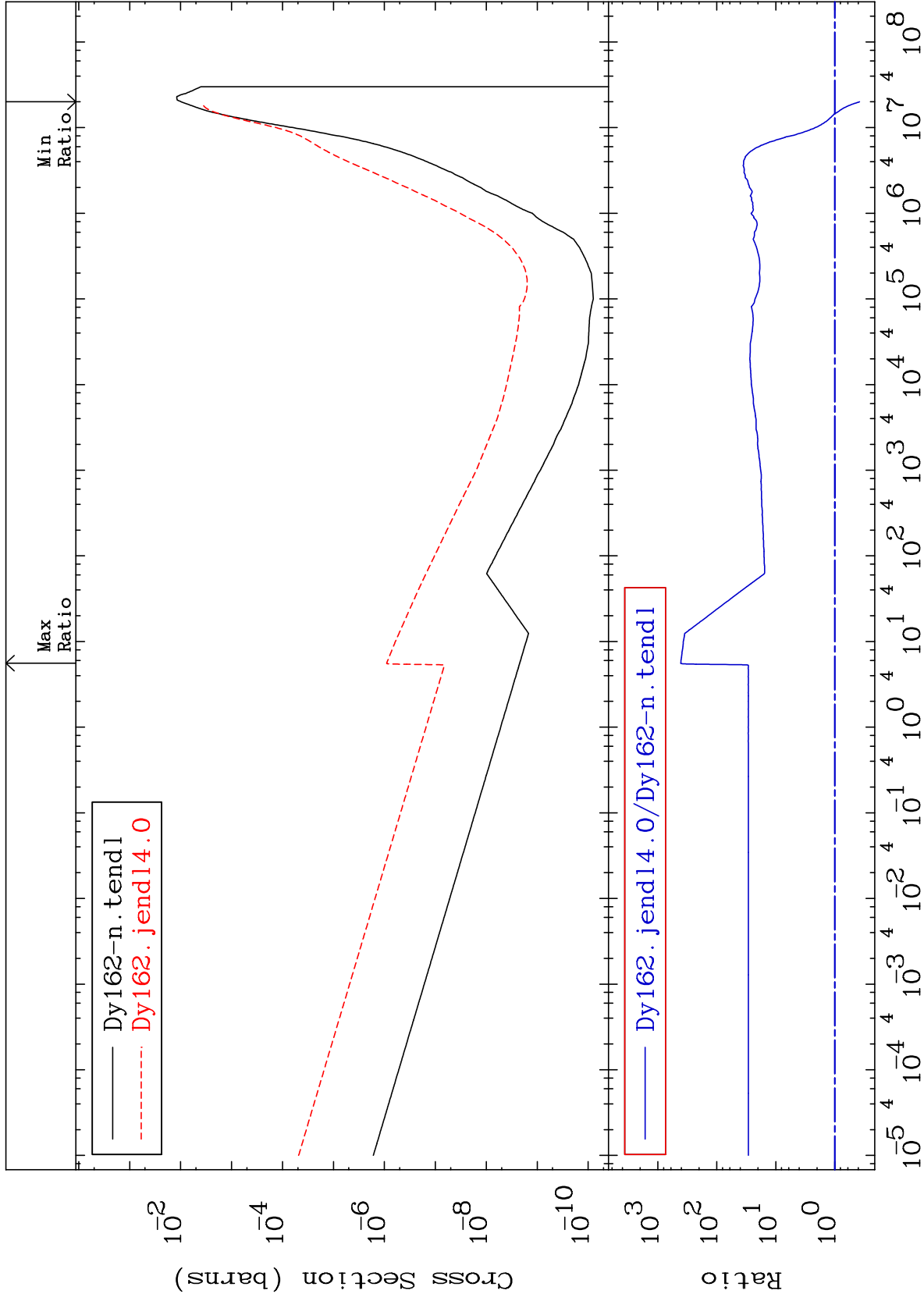
MAT 6643

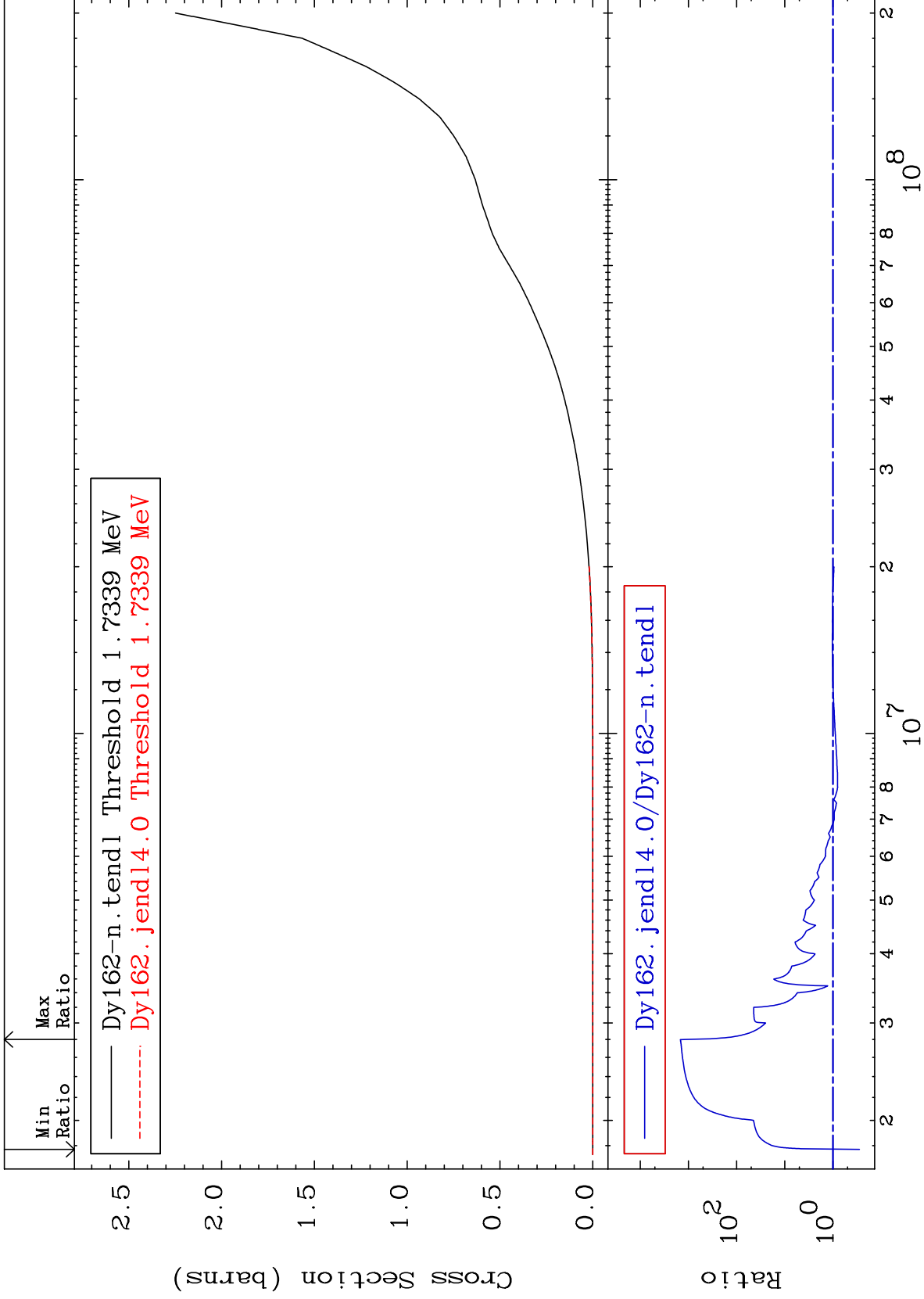
(n, α)

66-Dy-162

Cross Section

-62.05 To 9999. %

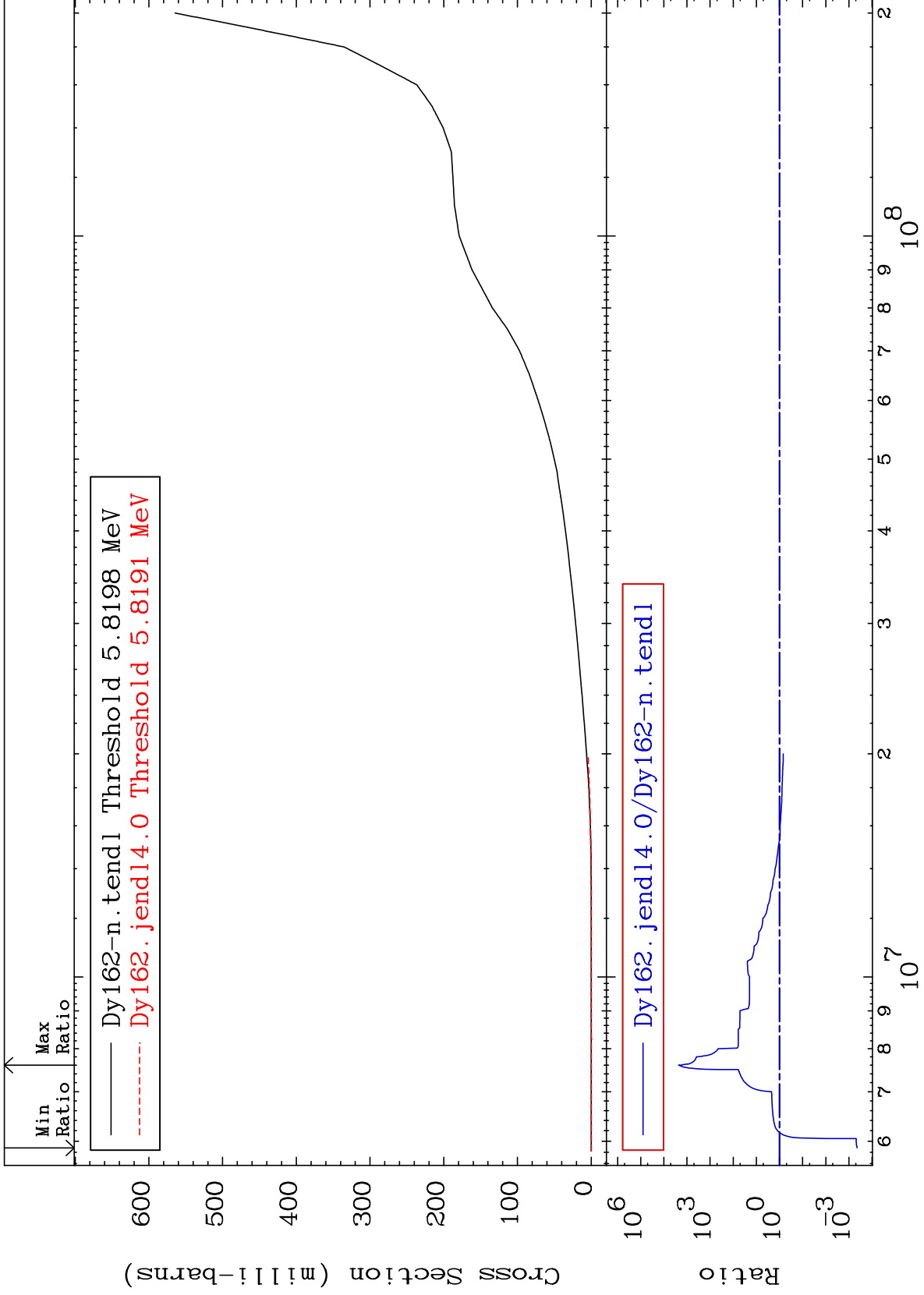




MAT 6643

Deuterium Production
Cross Section

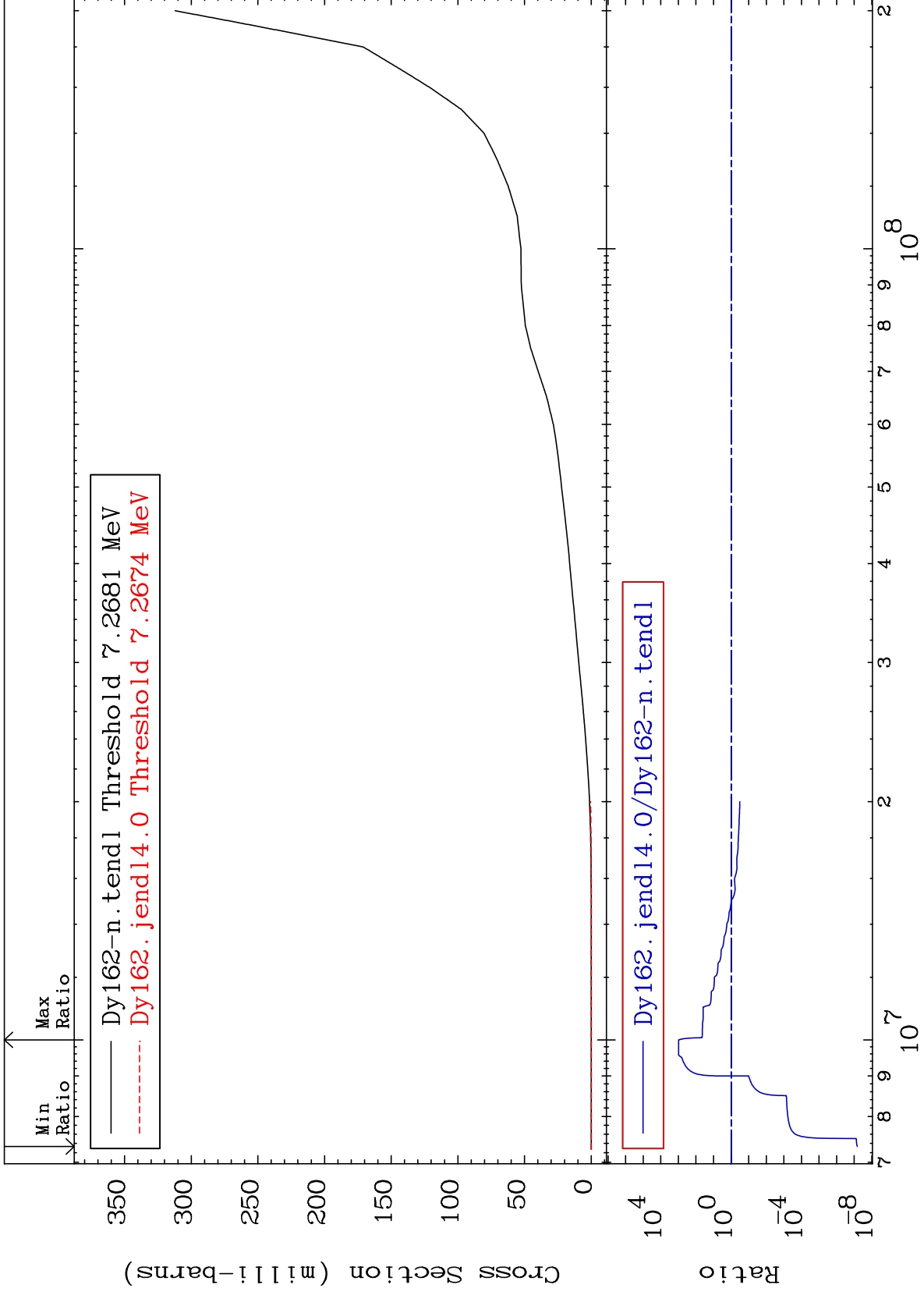
66-Dy-162
-99.96 To 9999. %



MAT 6643

Tritium Production
Cross Section

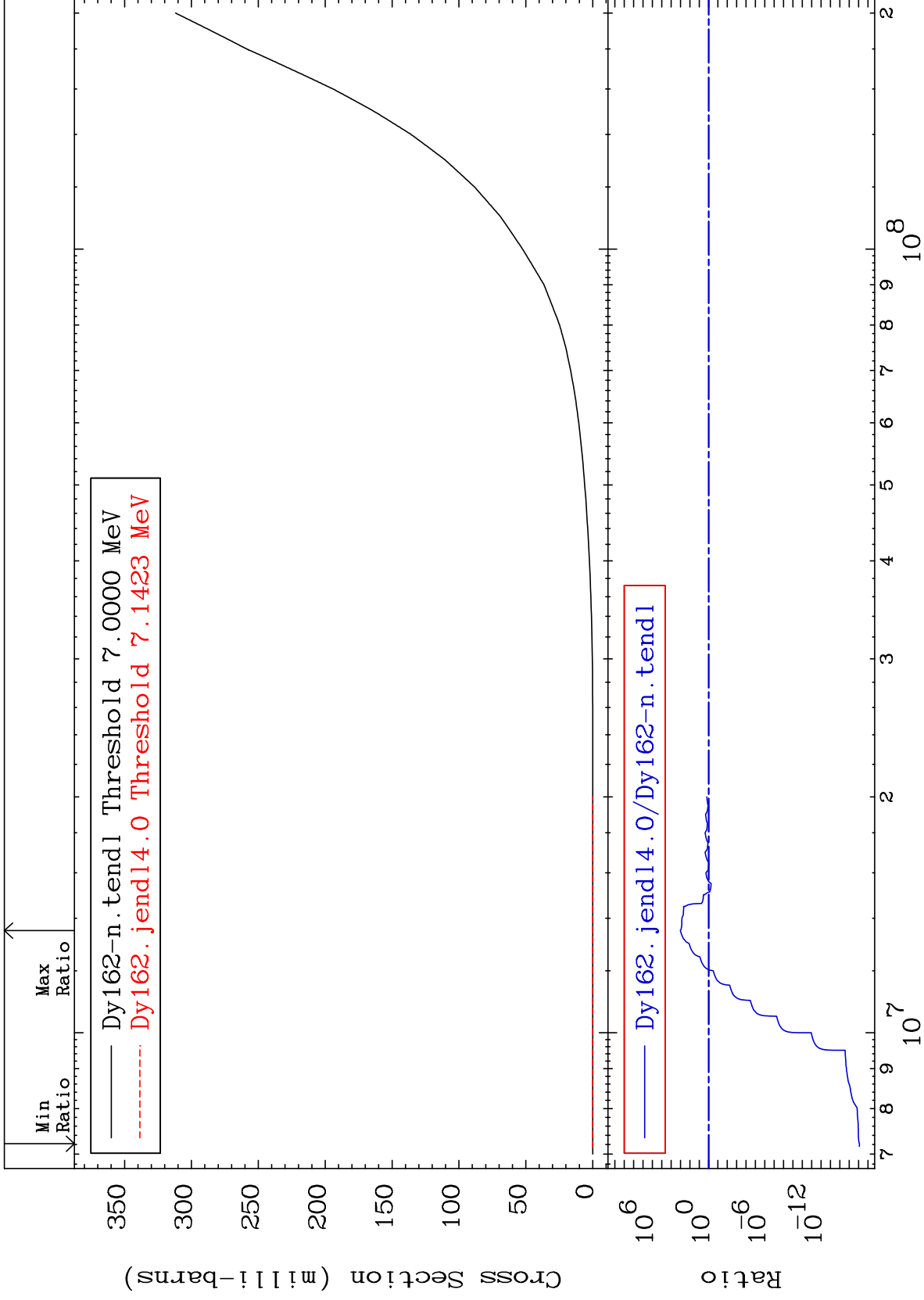
66-Dy-162
-100.0 To 9999. %



MAT 6643

He-3 Production
Cross Section

66-Dy-162
-100.0 To 9999. %



50

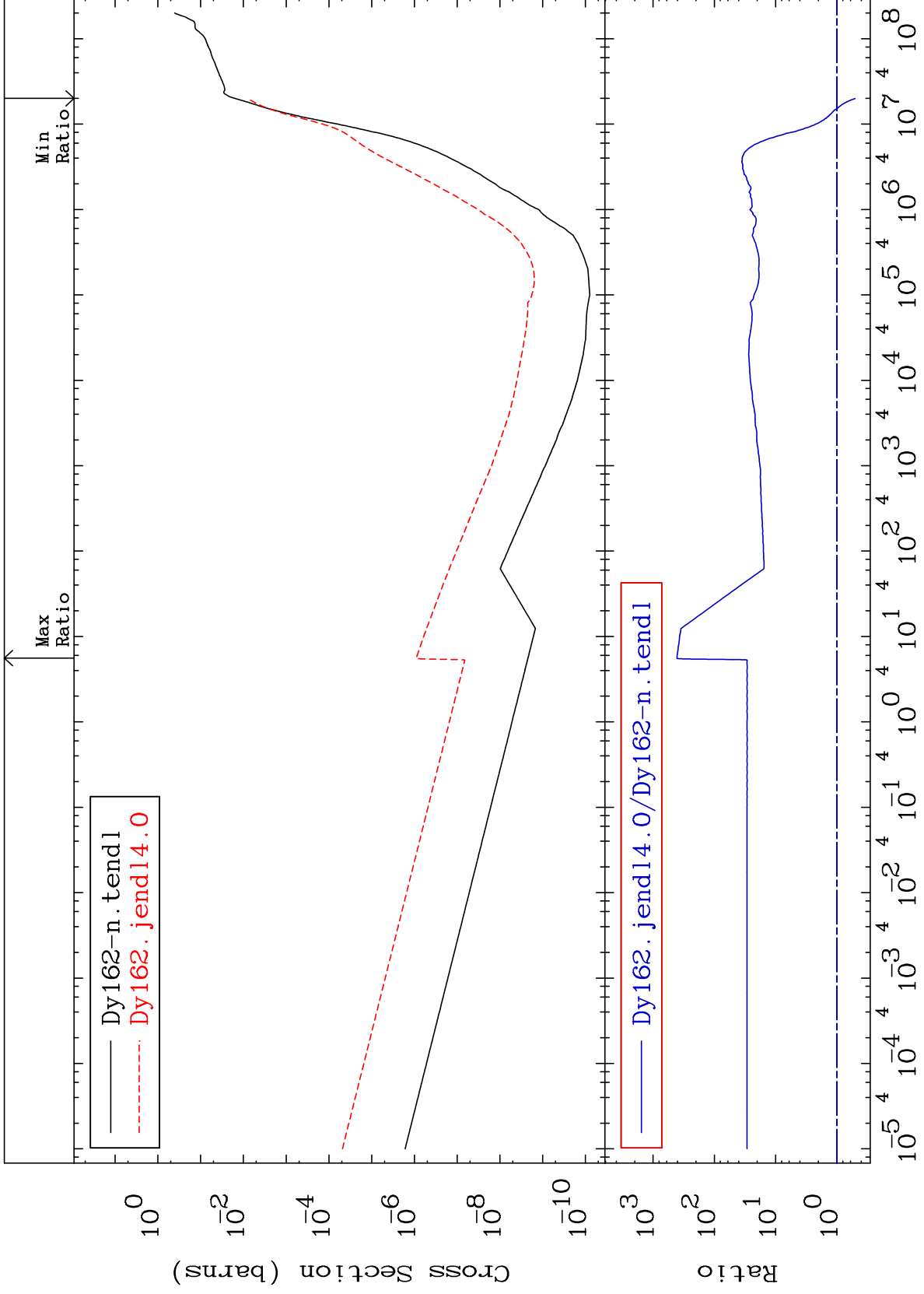
Incident Energy (eV)

66-Dy-162

MAT 6643

He-4 Production
Cross Section

66-Dy-162
-49.61 To 9999. %



51

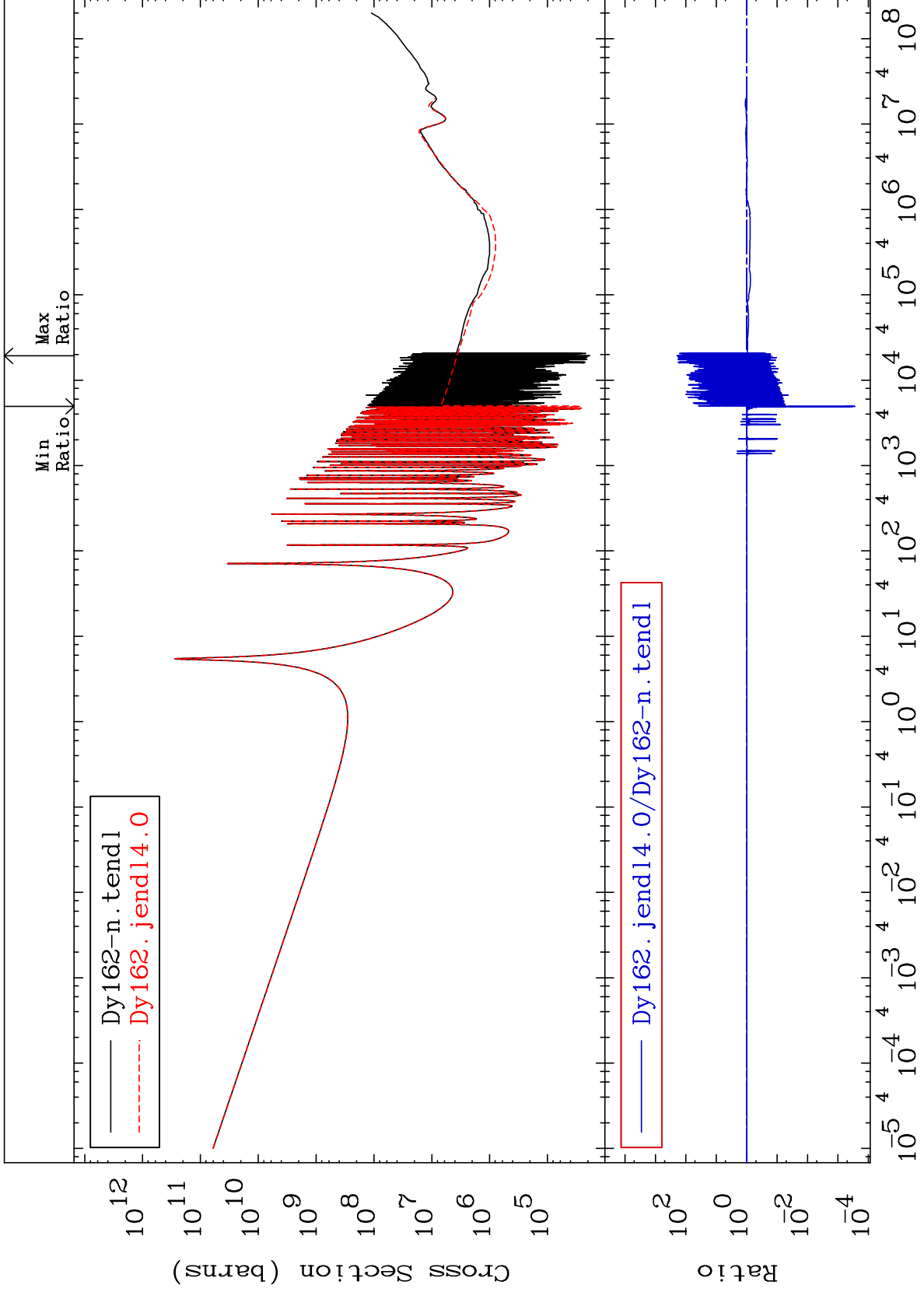
Incident Energy (eV)

66-Dy-162

MAT 6643

Kerma total (eV-barns)
Cross Section

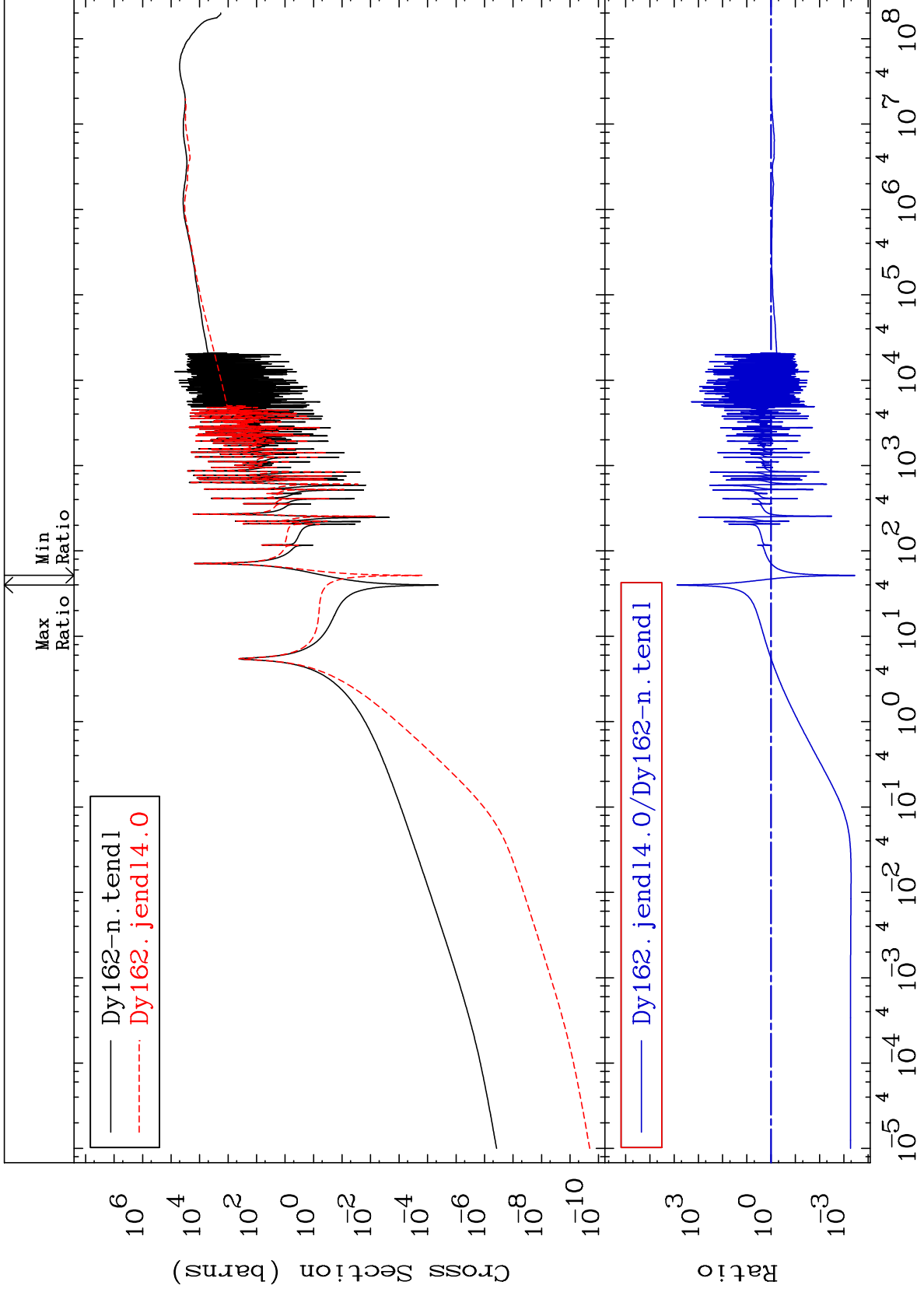
66-Dy-162
-99.97 To 9999. %

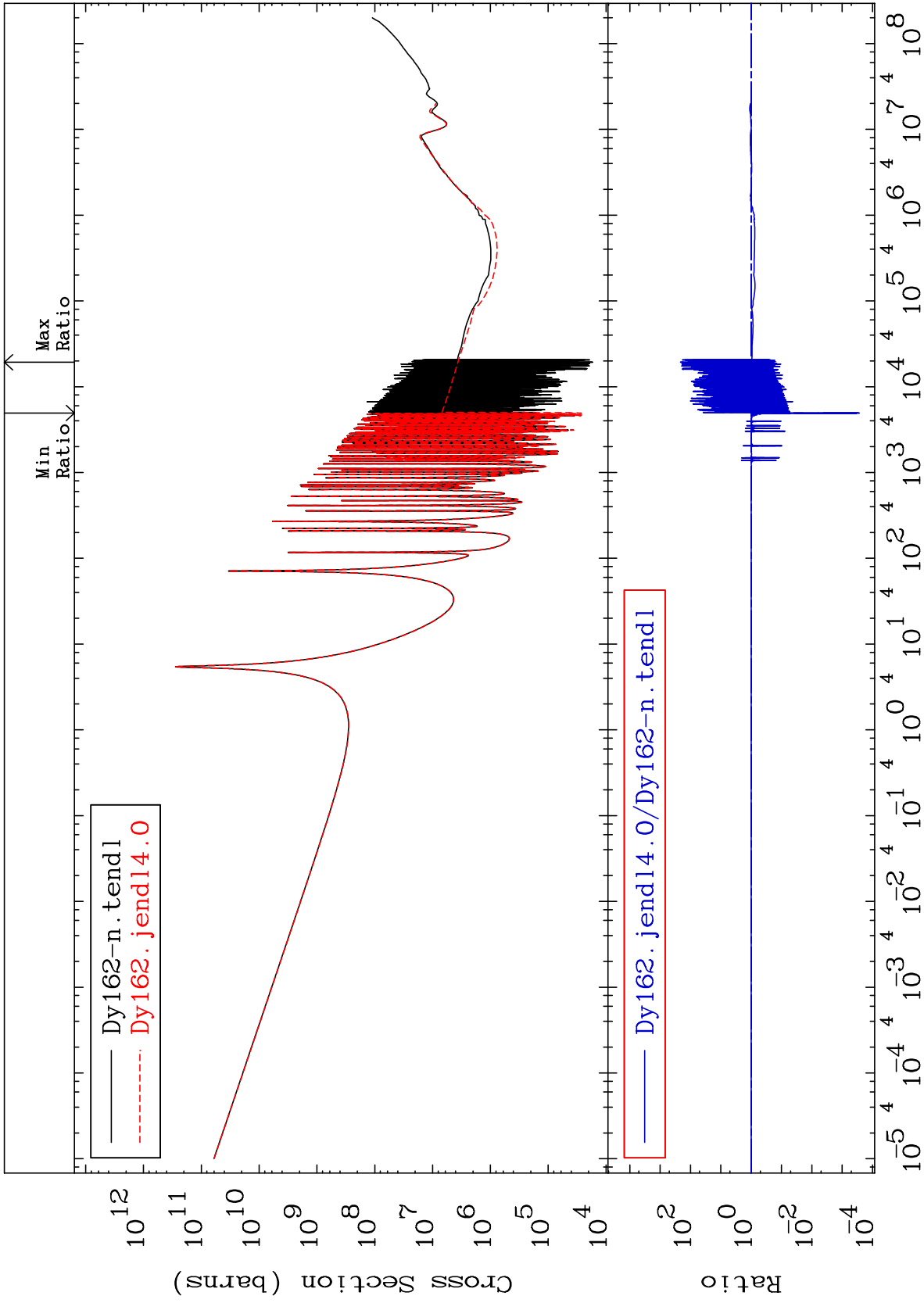


MAT 6643

Kerma elastic
Cross Section

66-Dy-162
-99.97 To 9999. %





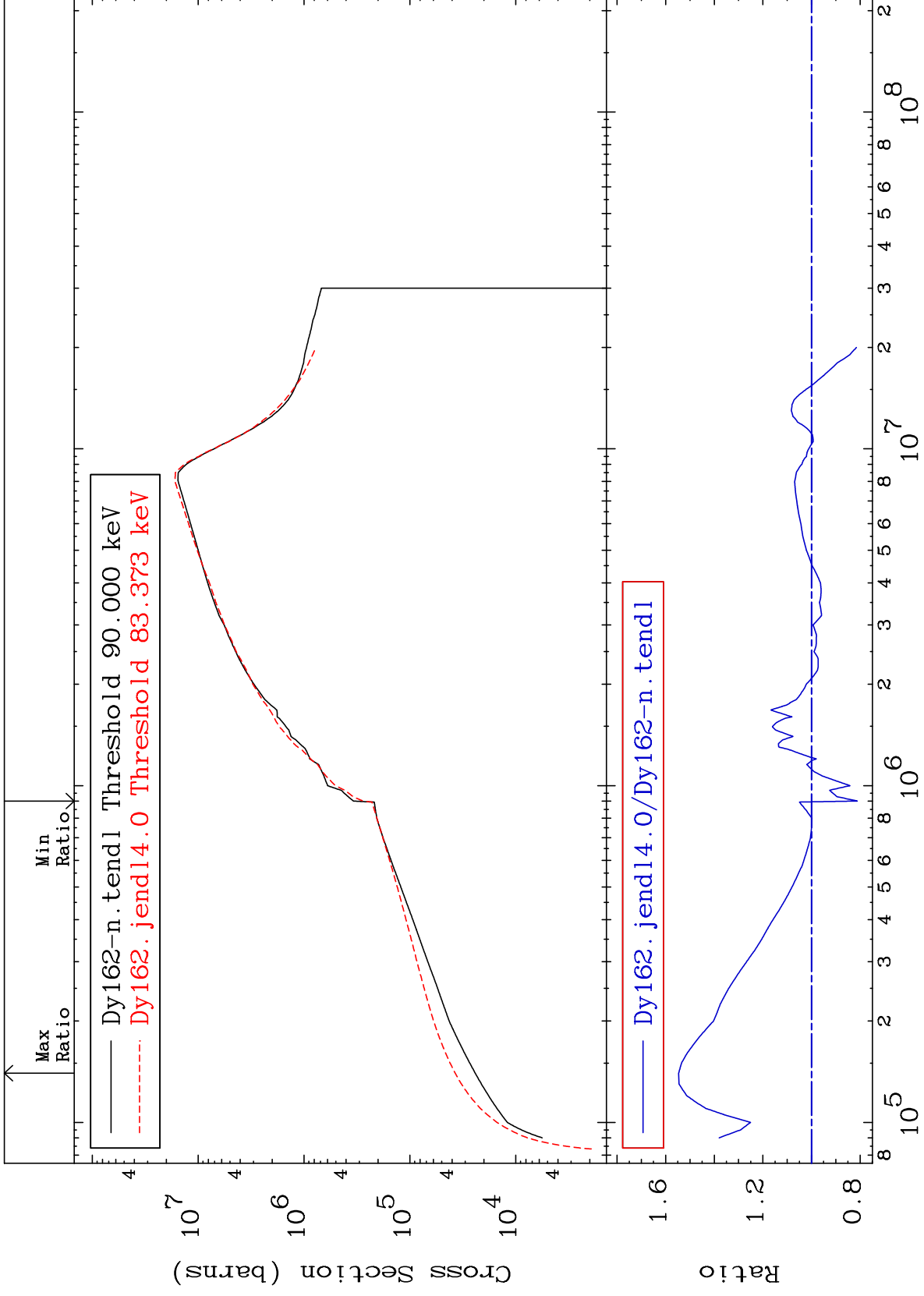
Dy162-n.tendl
Dy162.jendl4.0

Dy162.jendl4.0/Dy162-n.tendl

MAT 6643

Kerma inelastic (mt51-91)
Cross Section

66-Dy-162
-18.83 To 54.67 %



55

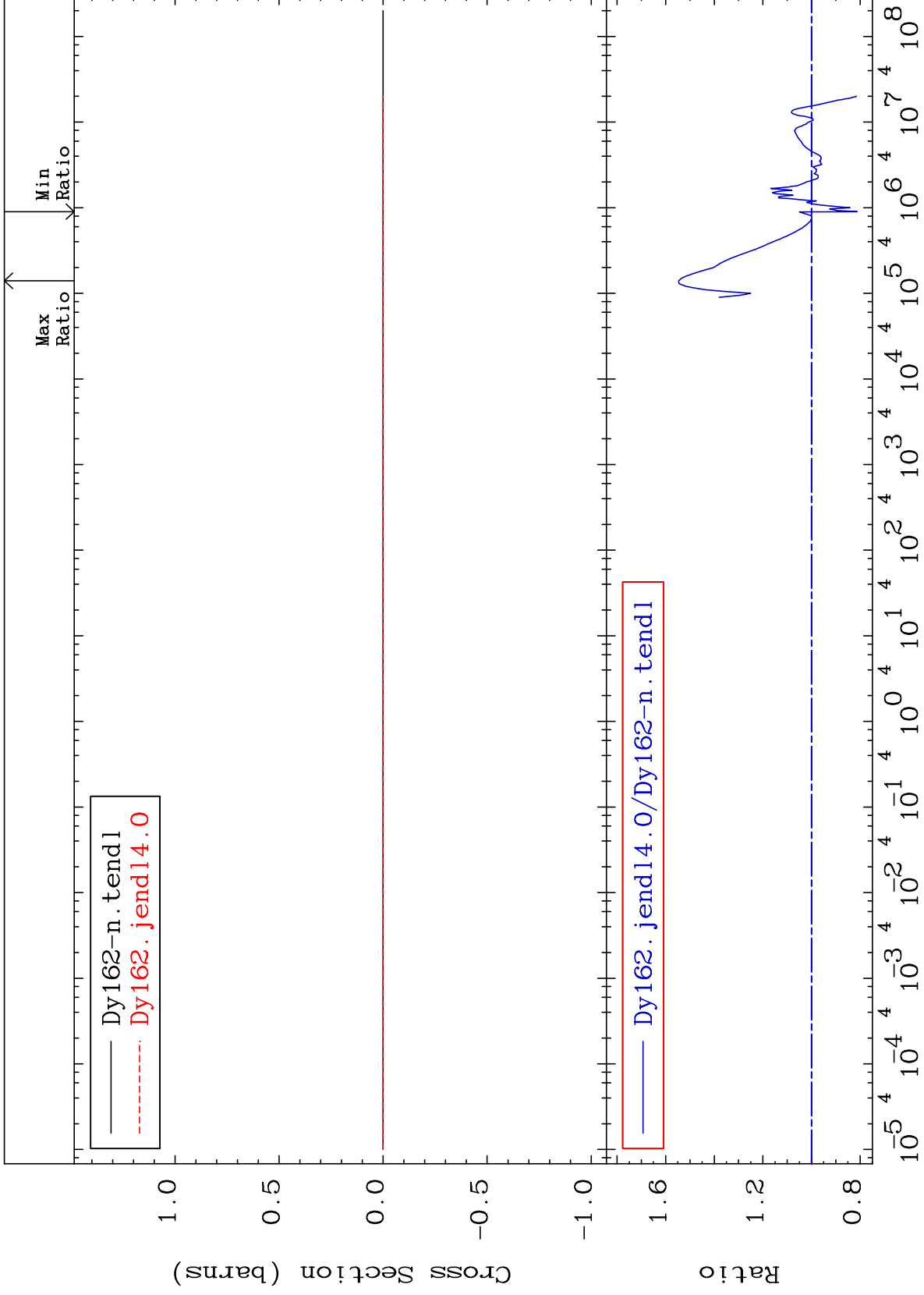
Incident Energy (eV)

66-Dy-162

MAT 6643

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

66-Dy-162
-18.83 To 54.67 %



56

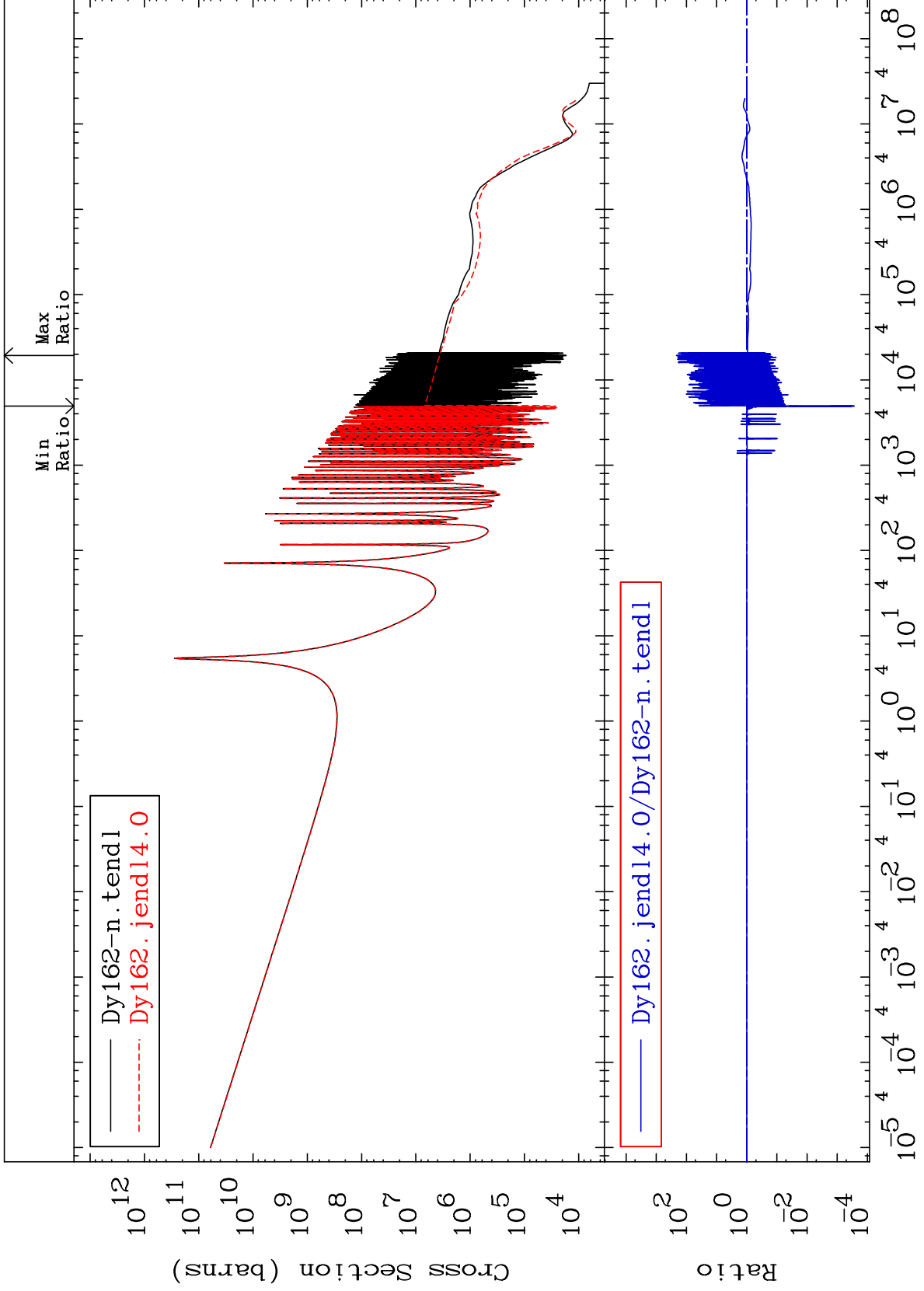
Incident Energy (eV)

66-Dy-162

MAT 6643

Kerma capture (mt102)
Cross Section

66-Dy-162
-99.97 To 9999. %



57

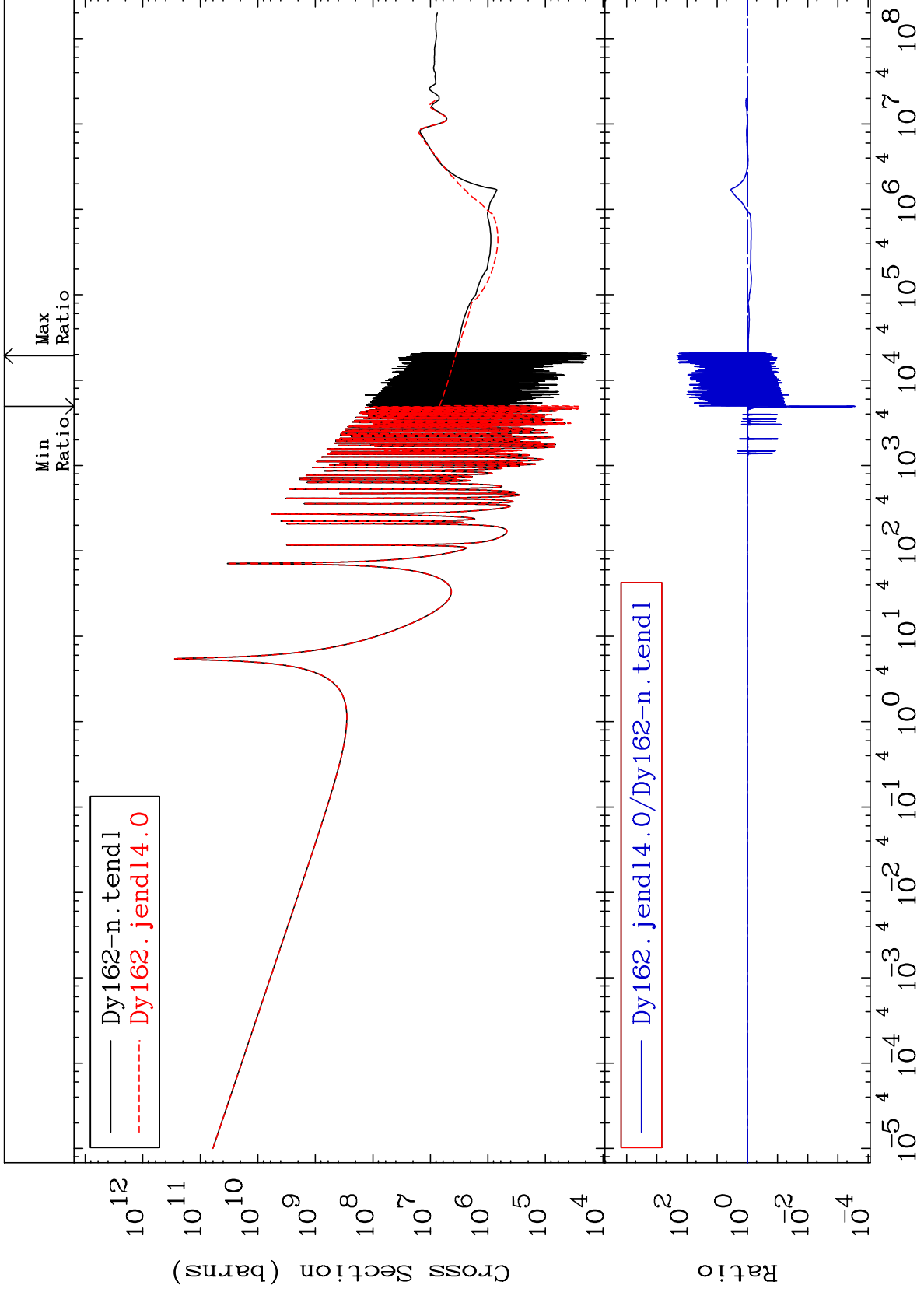
Incident Energy (eV)

66-Dy-162

MAT 6643

Total photon (eV-barns)
Cross Section

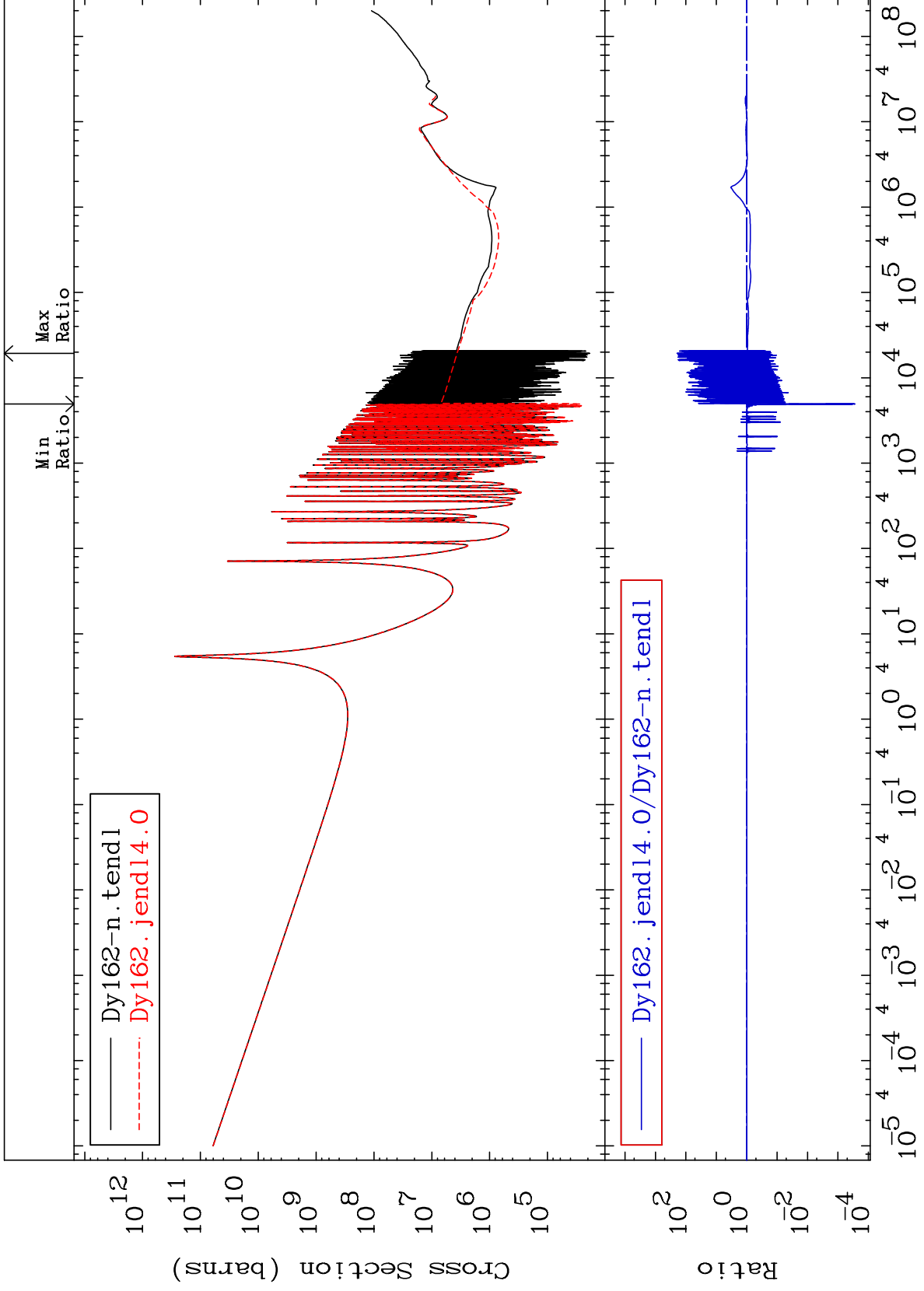
66-Dy-162
-99.97 To 9999. %



MAT 6643

Total kinematic kerma (high limit)
Cross Section

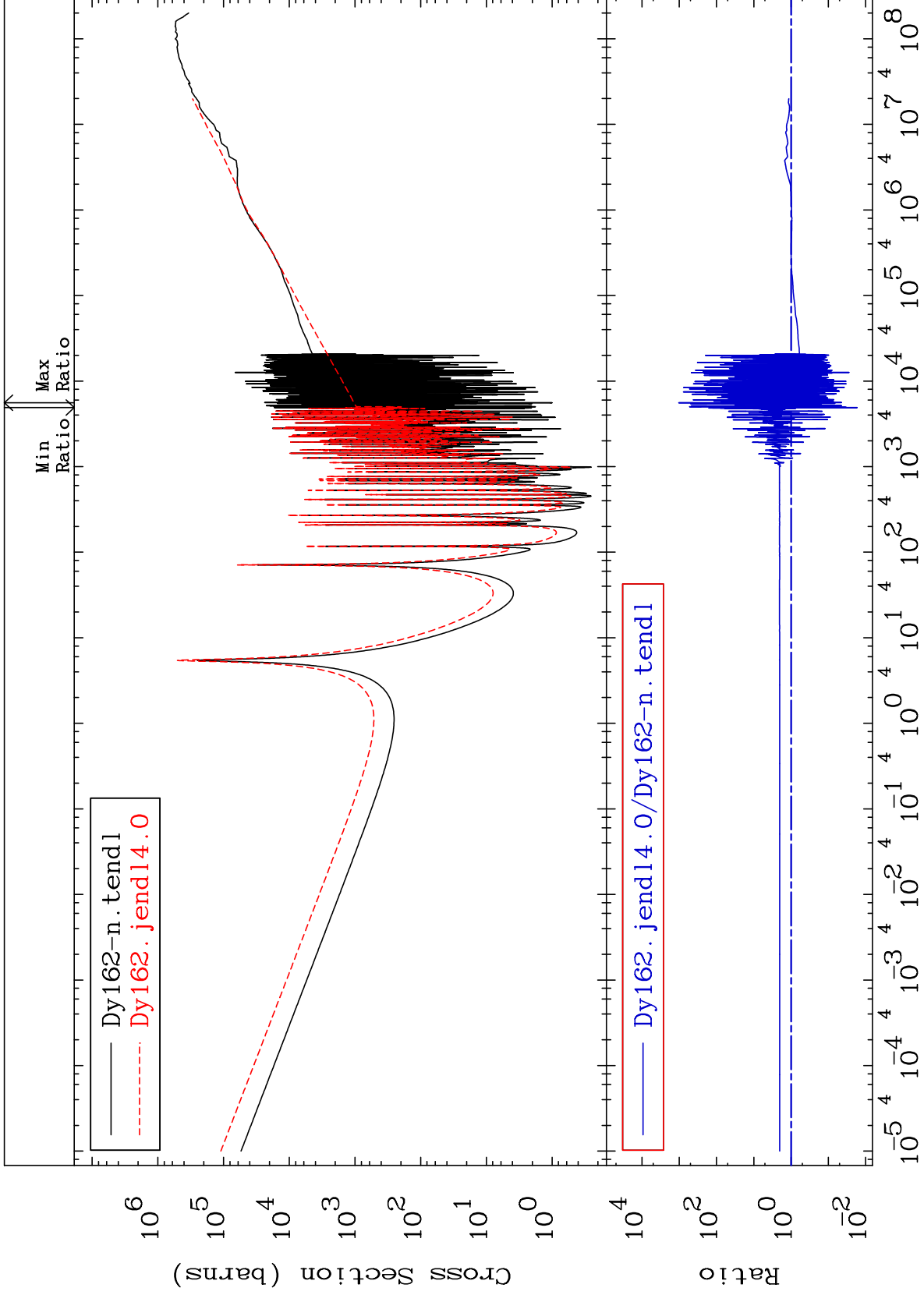
66-Dy-162
-99.97 To 9999. %



MAT 6643

Dpa total (eV-barns)
Cross Section

66-Dy-162
-98.33 To 9999. %



60

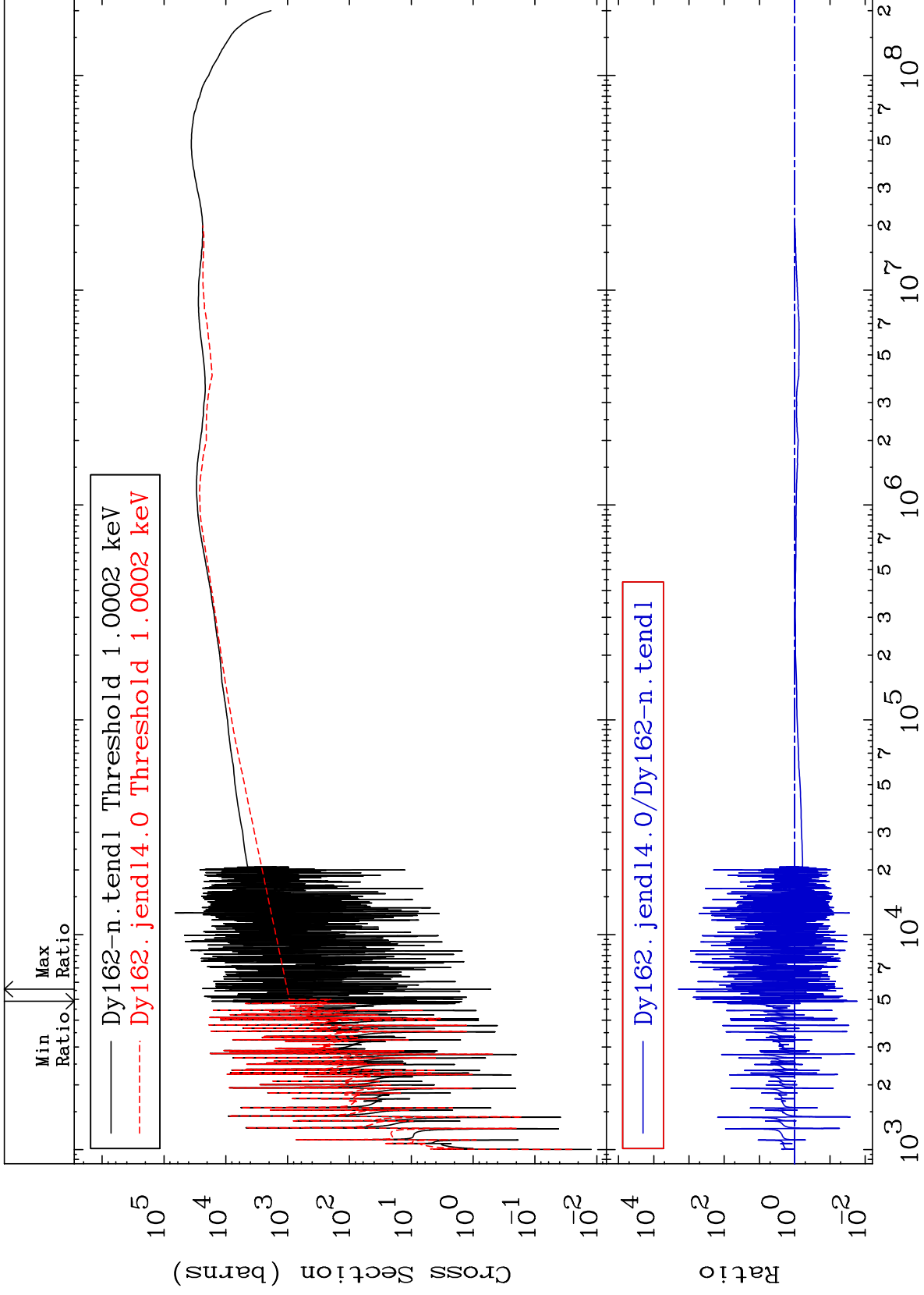
Incident Energy (eV)

66-Dy-162

MAT 6643

Dpa elastic (mt2)
Cross Section

66-Dy-162
-98.33 To 9999. %



61

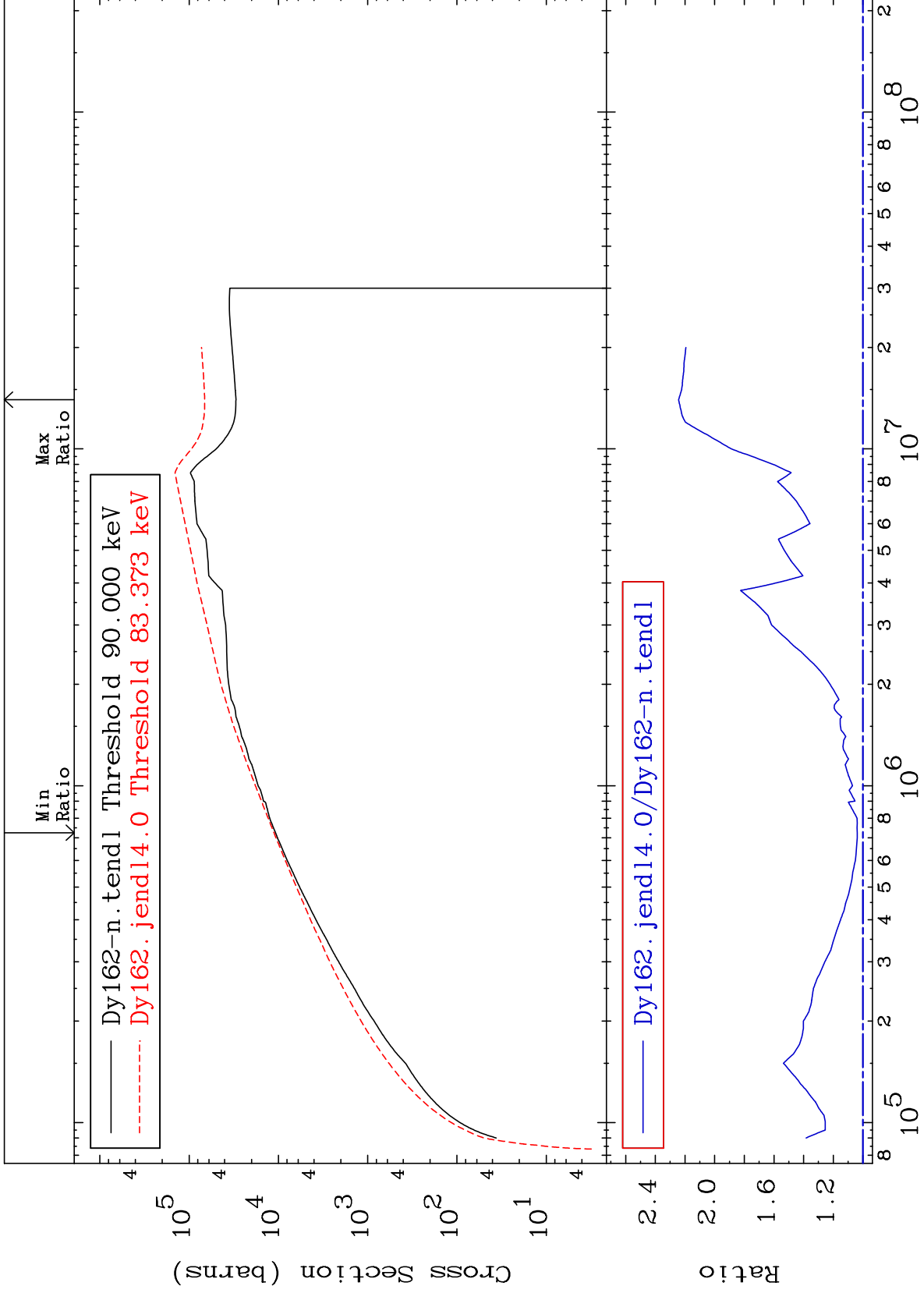
Incident Energy (eV)

66-Dy-162

MAT 6643

Dpa inelastic (mt51-91)
Cross Section

66-Dy-162
3.838 To 124.3 %



62

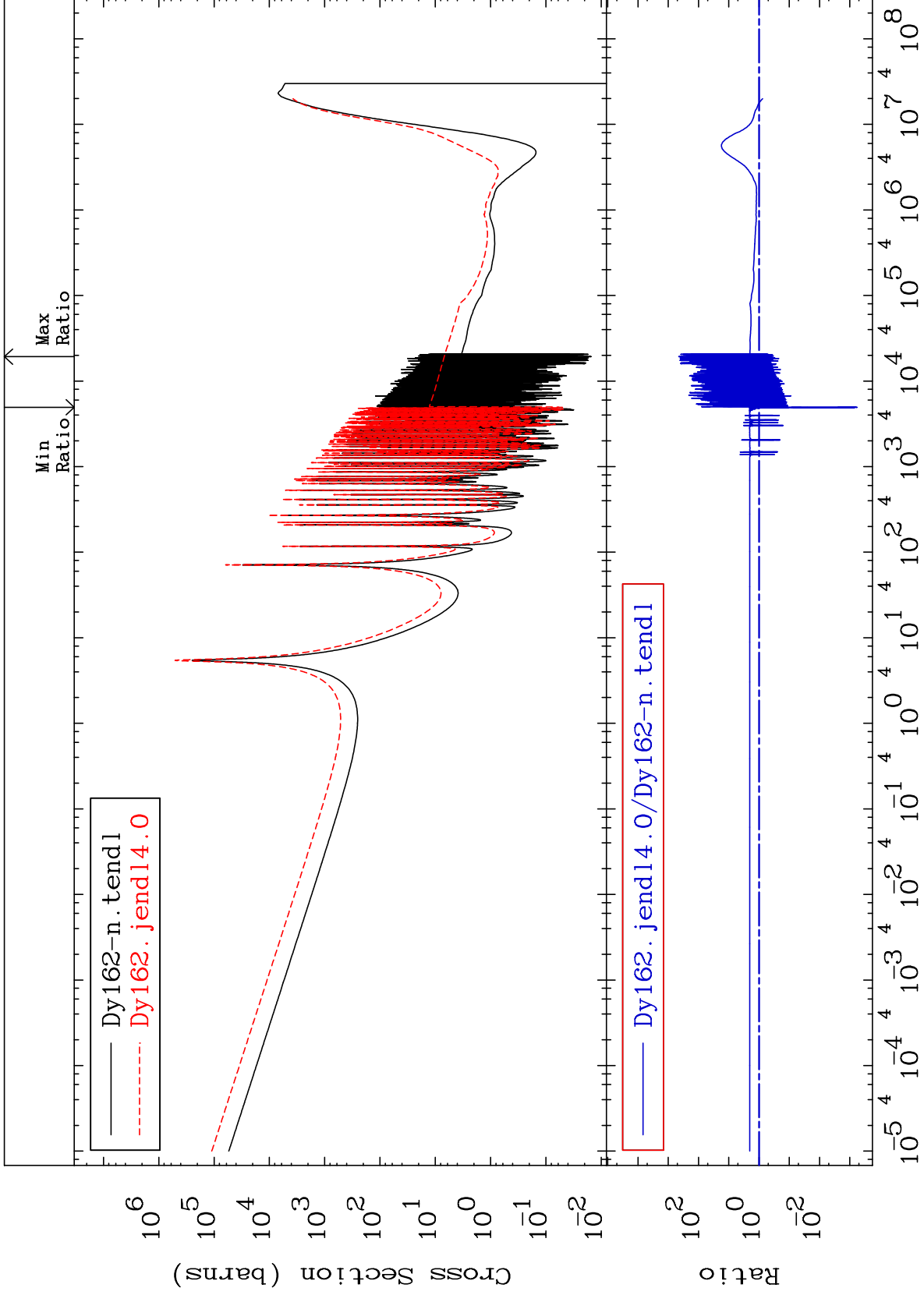
Incident Energy (eV)

66-Dy-162

MAT 6643

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-162
-99.94 To 9999. %



63

Incident Energy (eV)

66-Dy-162