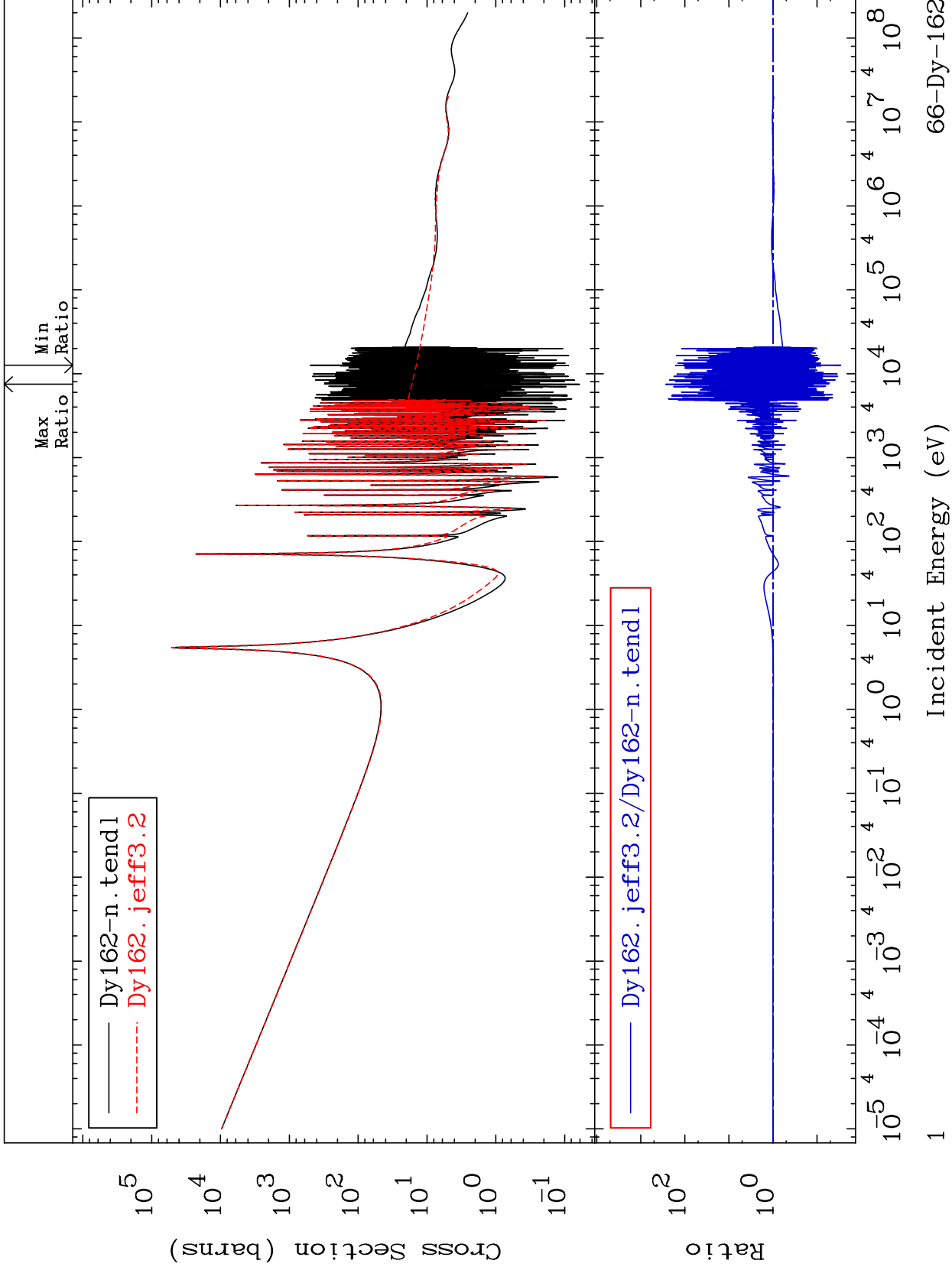


MAT 6643

Total
Cross Section

66-Dy-162
-97.11 To 9999. %



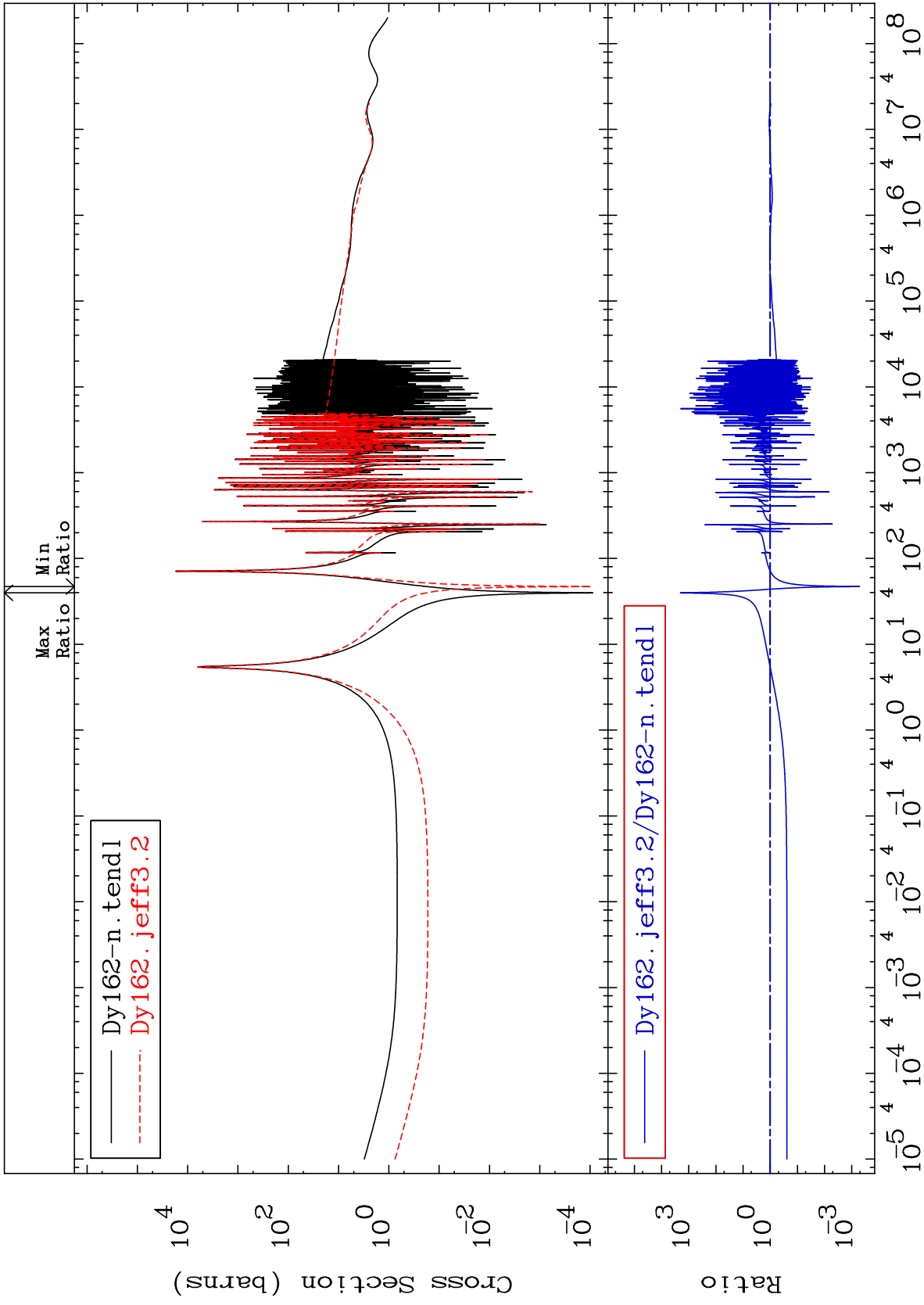
Incident Energy (eV)

66-Dy-162

MAT 6643

Elastic
Cross Section

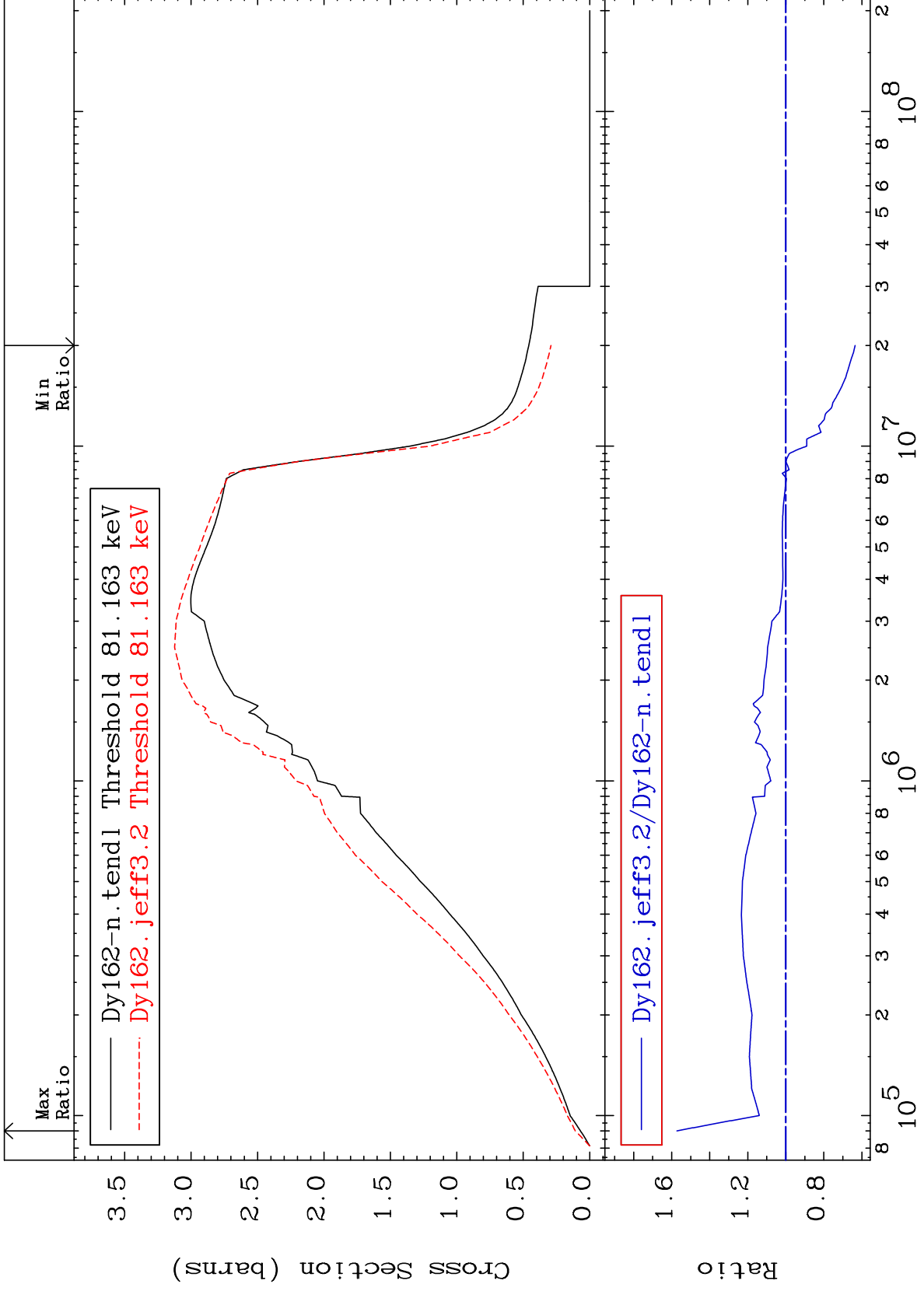
66-Dy-162
-99.95 To 9999. %



MAT 6643

Inelastic
Cross Section

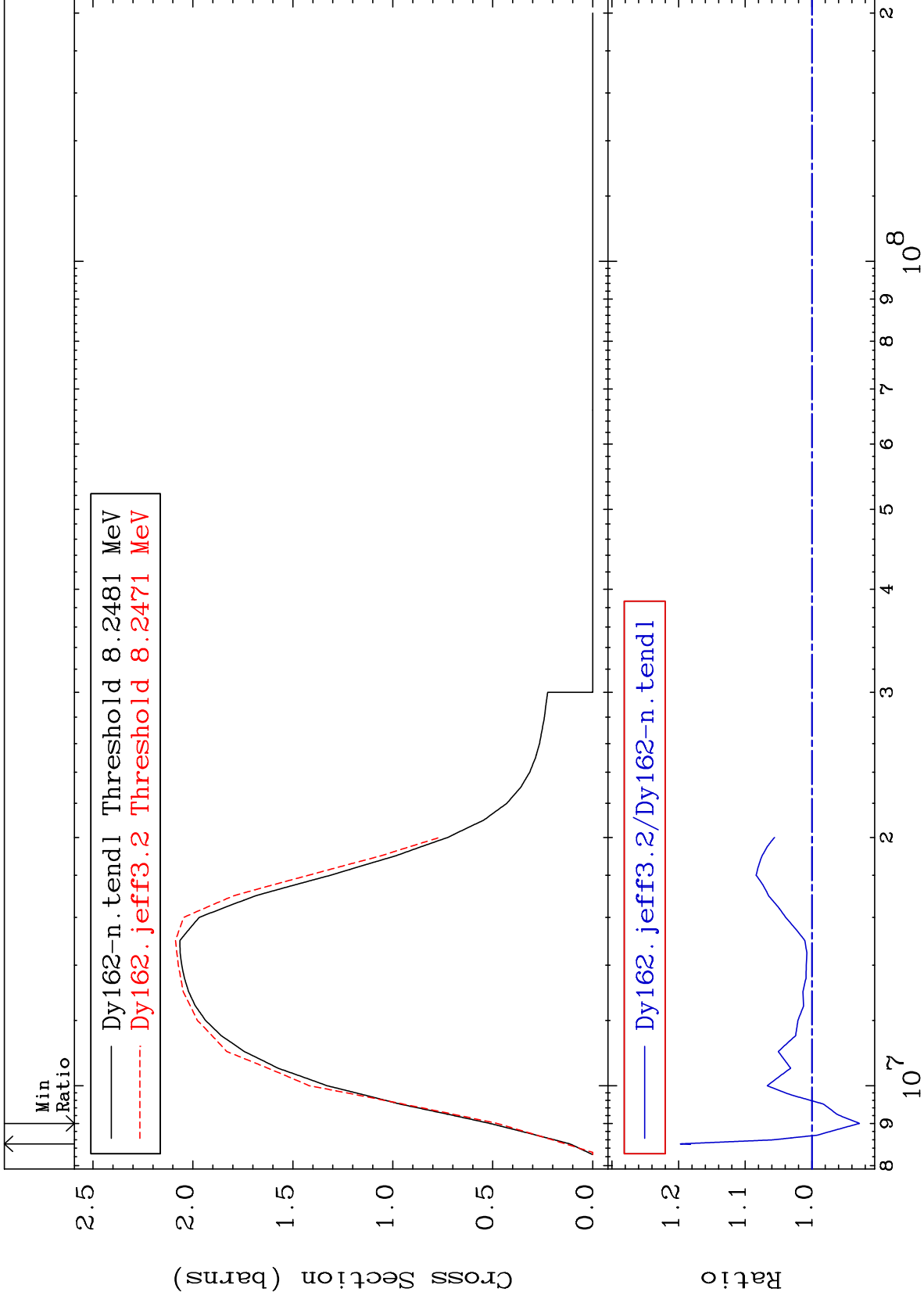
66-Dy-162
-36.42 To 57.26 %



MAT 6643

(n,2n)
Cross Section

66-Dy-162
-7.114 To 19.73 %



4

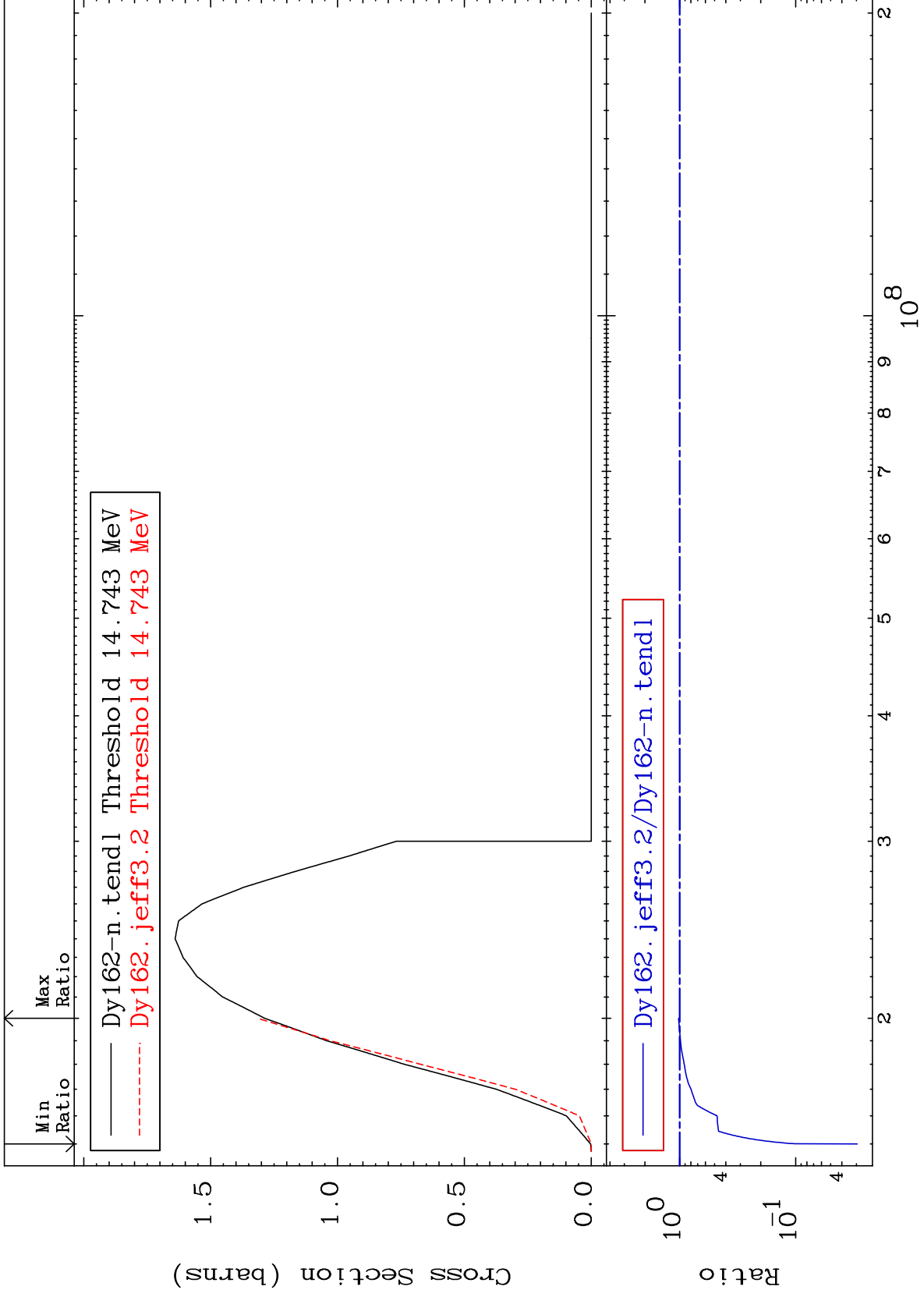
Incident Energy (eV)

66-Dy-162

MAT 6643

(n,3n)
Cross Section

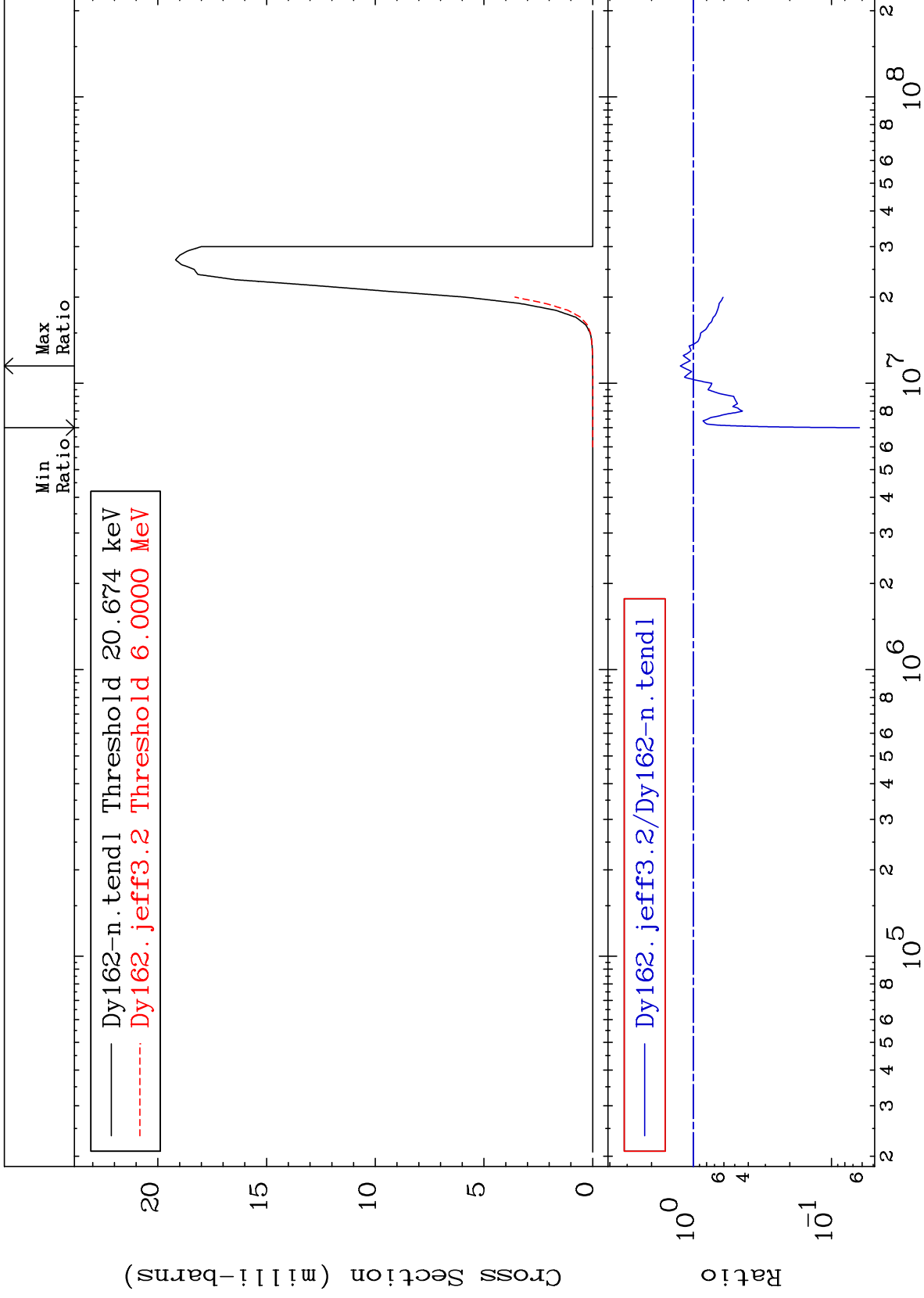
66-Dy-162
-97.05 To 2.167 %



MAT 6643

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

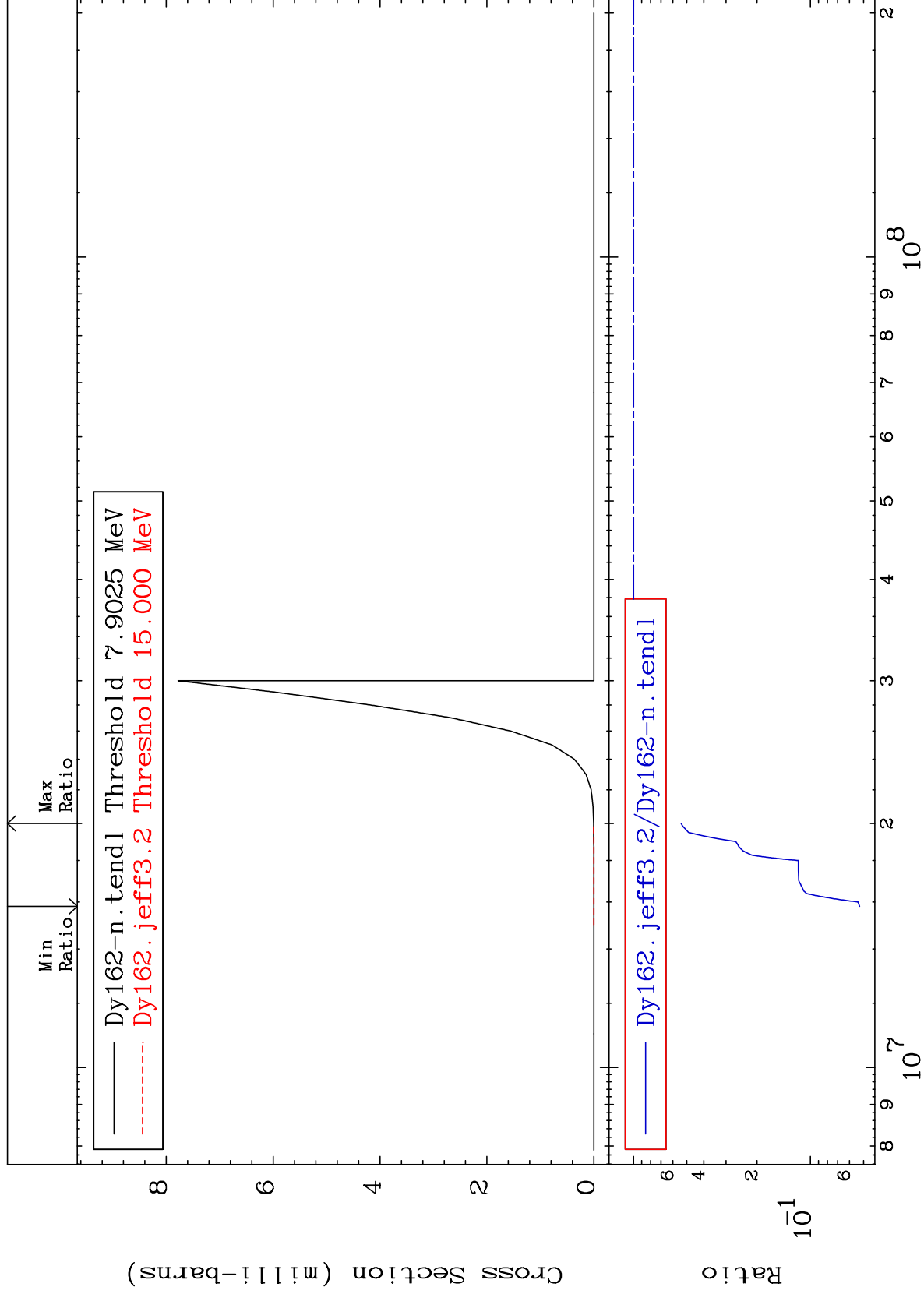
66-Dy-162
-93.72 To 23.79 %



MAT 6643

(n,2n) α
Cross Section

66-Dy-162
-94.74 To -46.25%



7

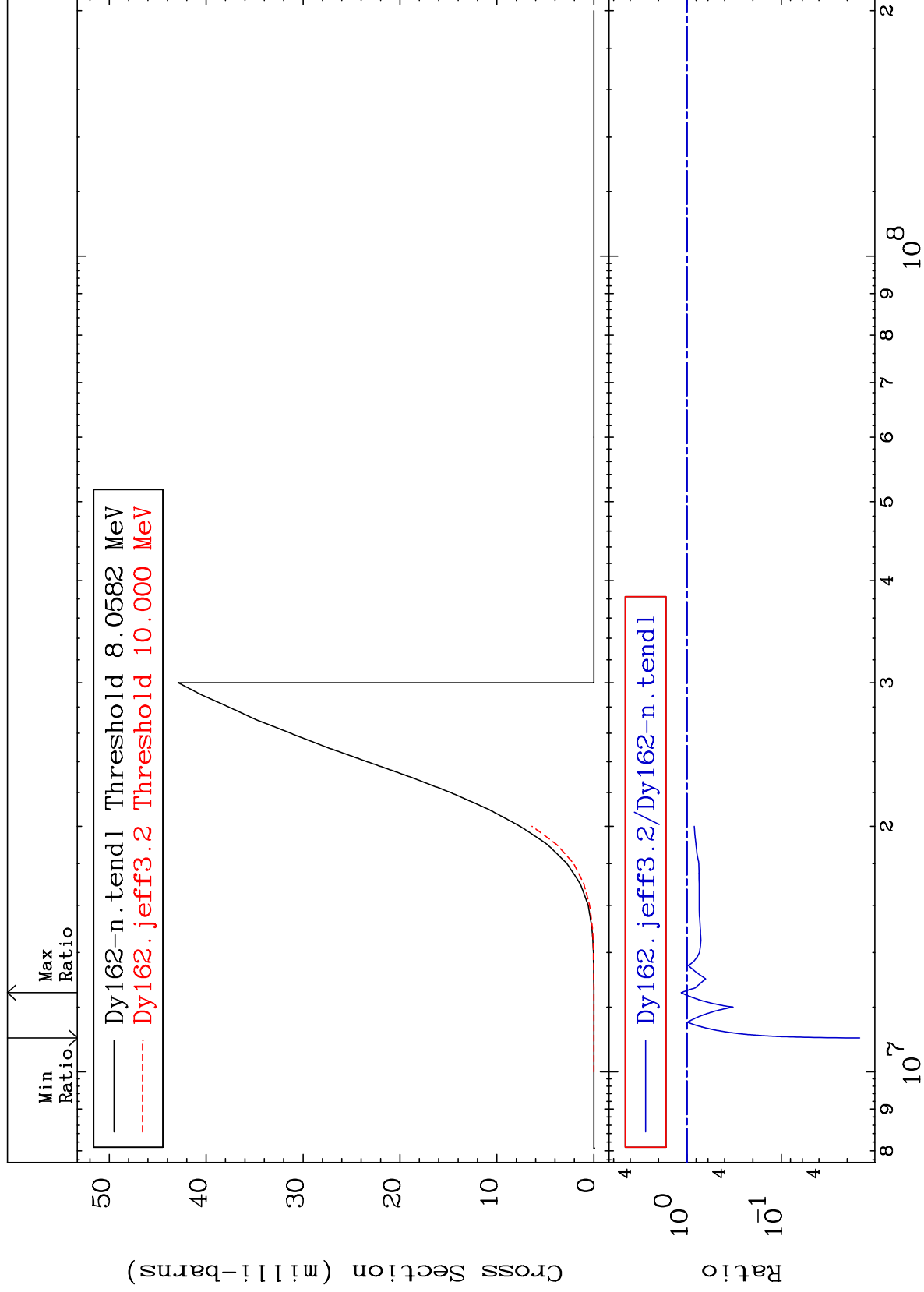
Incident Energy (eV)

66-Dy-162

MAT 6643

(n,n') p
Cross Section

66-Dy-162
-98.52 To 15.11 %



8

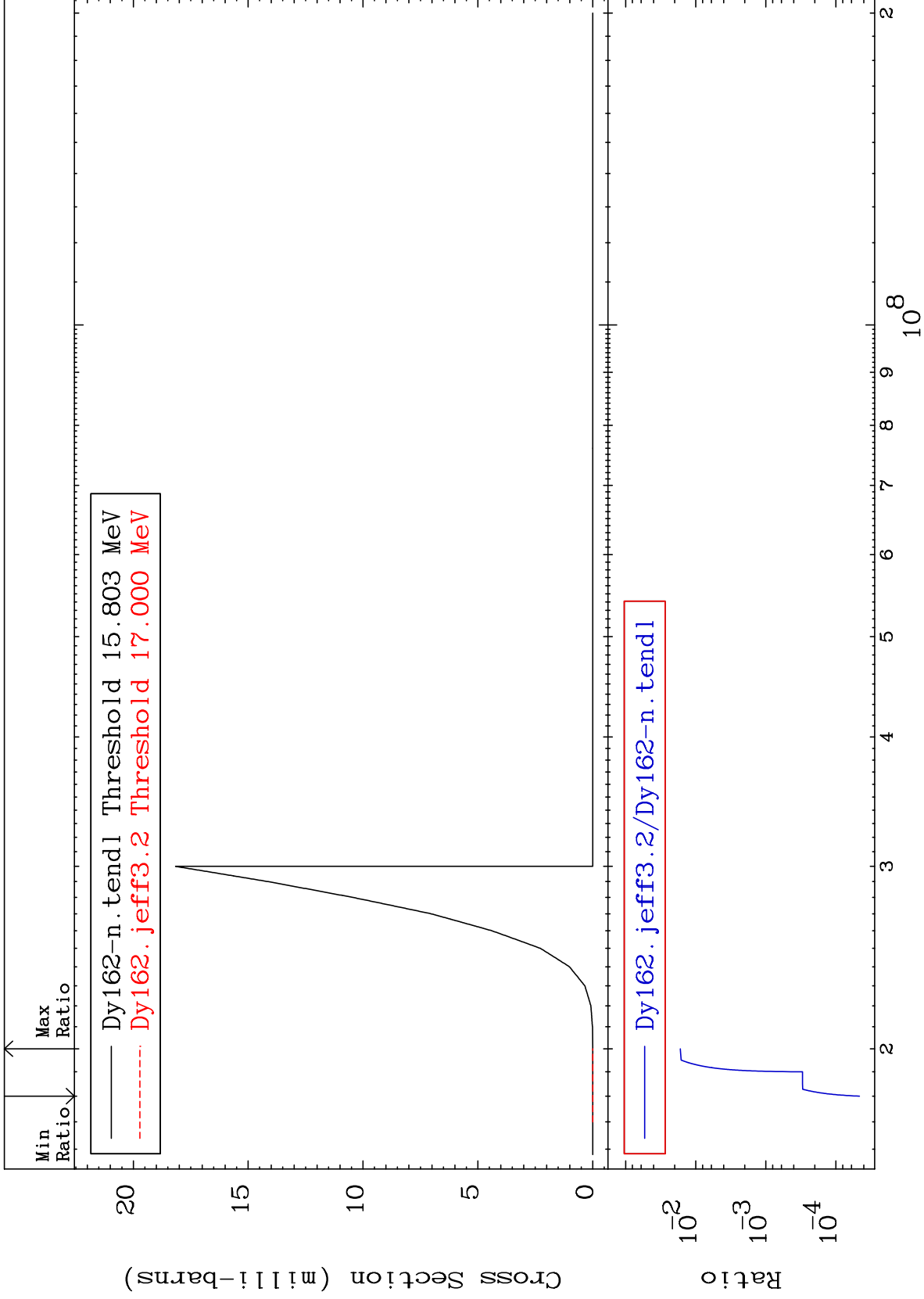
Incident Energy (eV)

66-Dy-162

MAT 6643

(n,2n) p
Cross Section

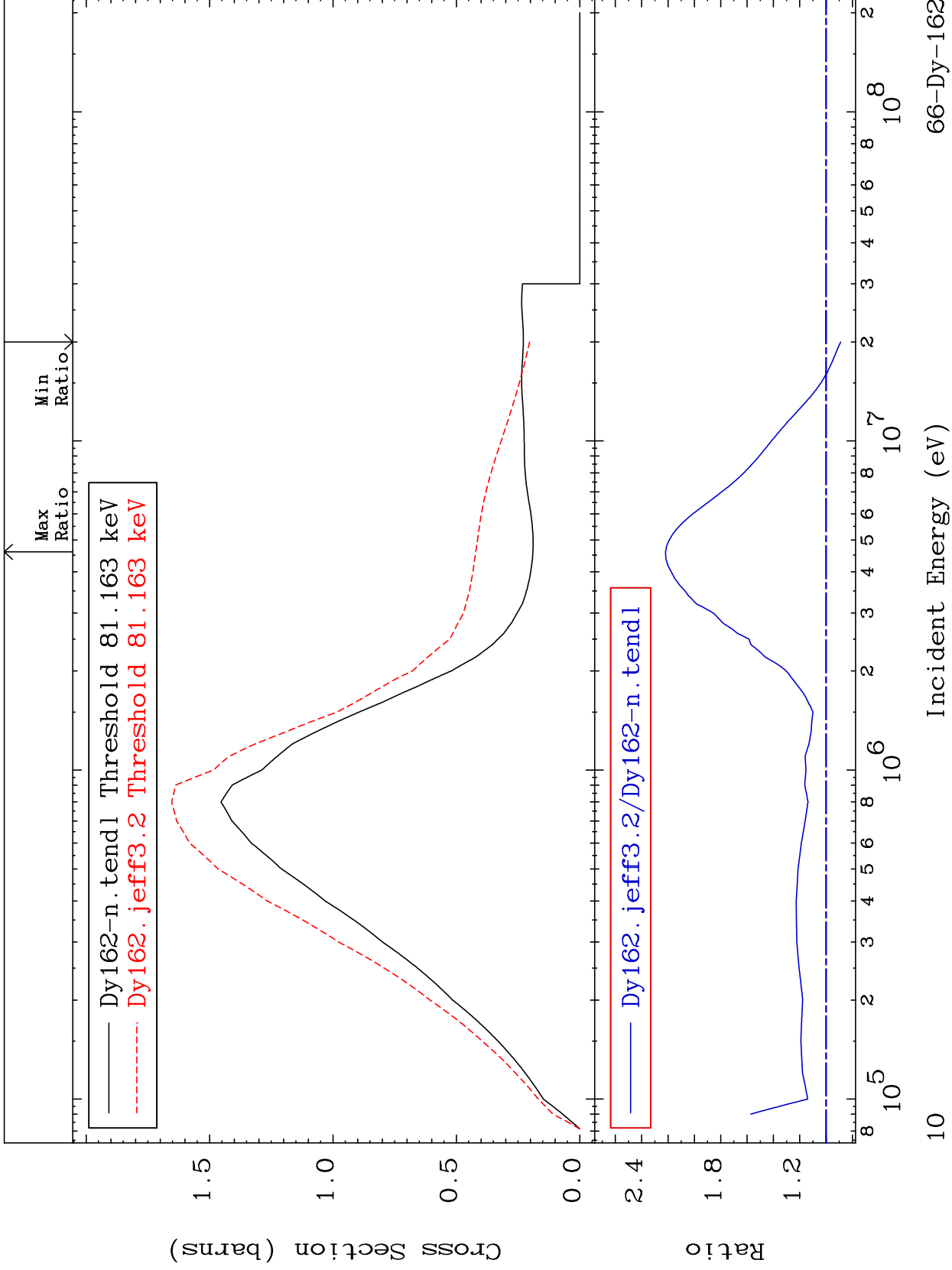
66-Dy-162
-100.0 To -98.34%



MAT 6643

80.66 keV (n,n') Level
Cross Section

66-Dy-162
-11.07 To 121.9 %



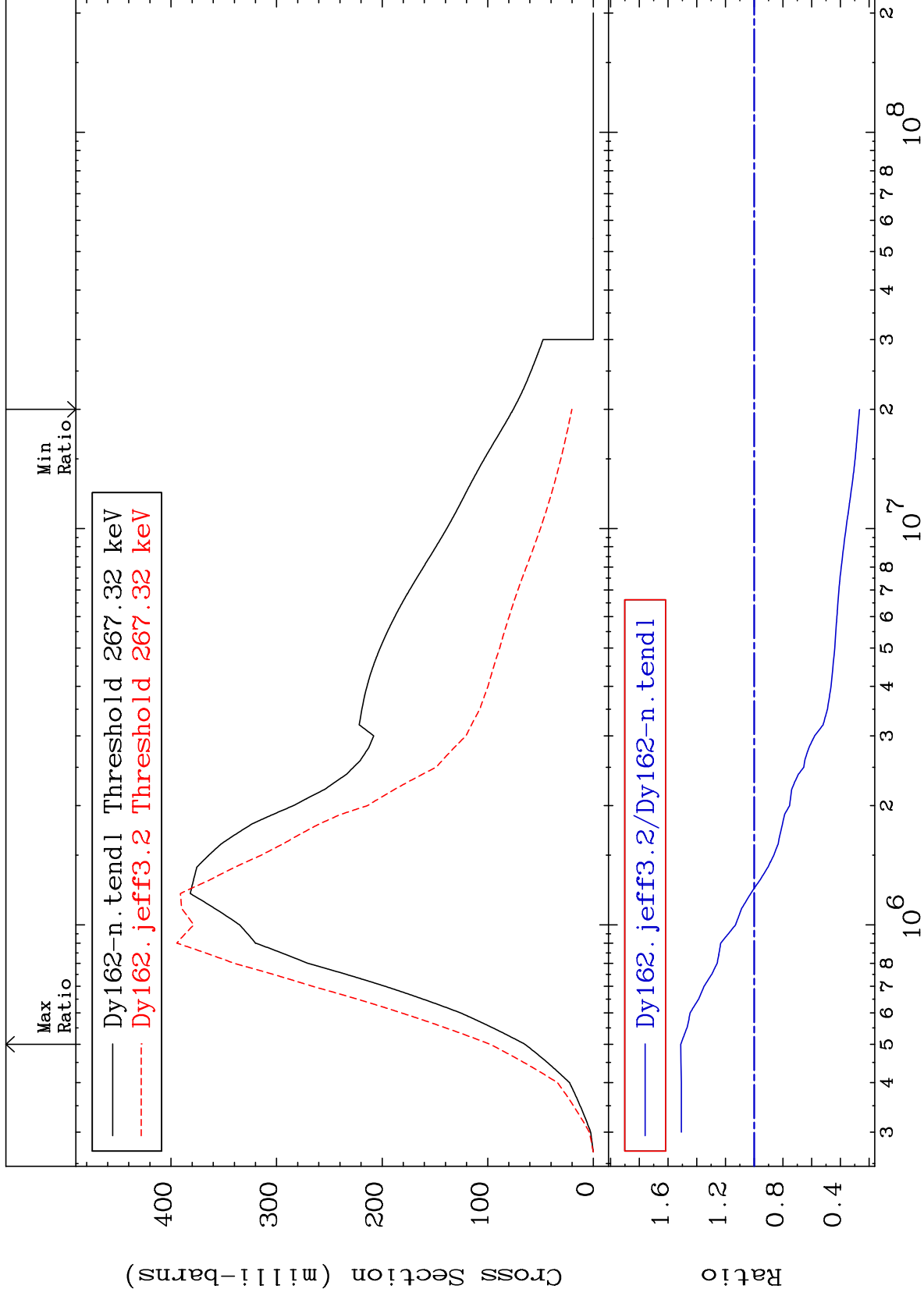
66-Dy-162

Incident Energy (eV)

MAT 6643

265.7 keV (n,n') Level
Cross Section

66-Dy-162
-73.33 To 51.13 %



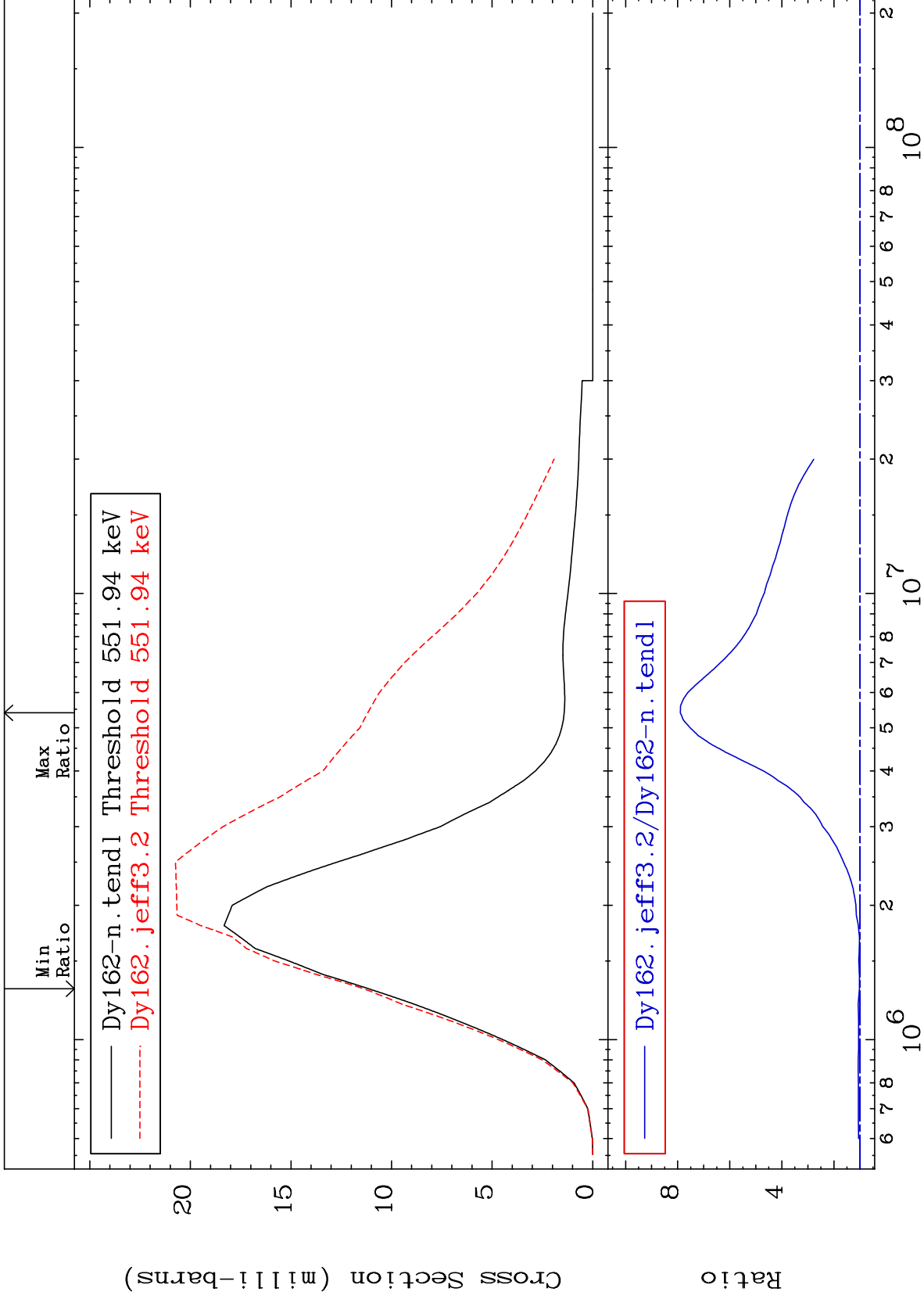
11

66-Dy-162

MAT 6643

548.5 keV (n,n') Level
Cross Section

66-Dy-162
2.047 To 689.7 %



12

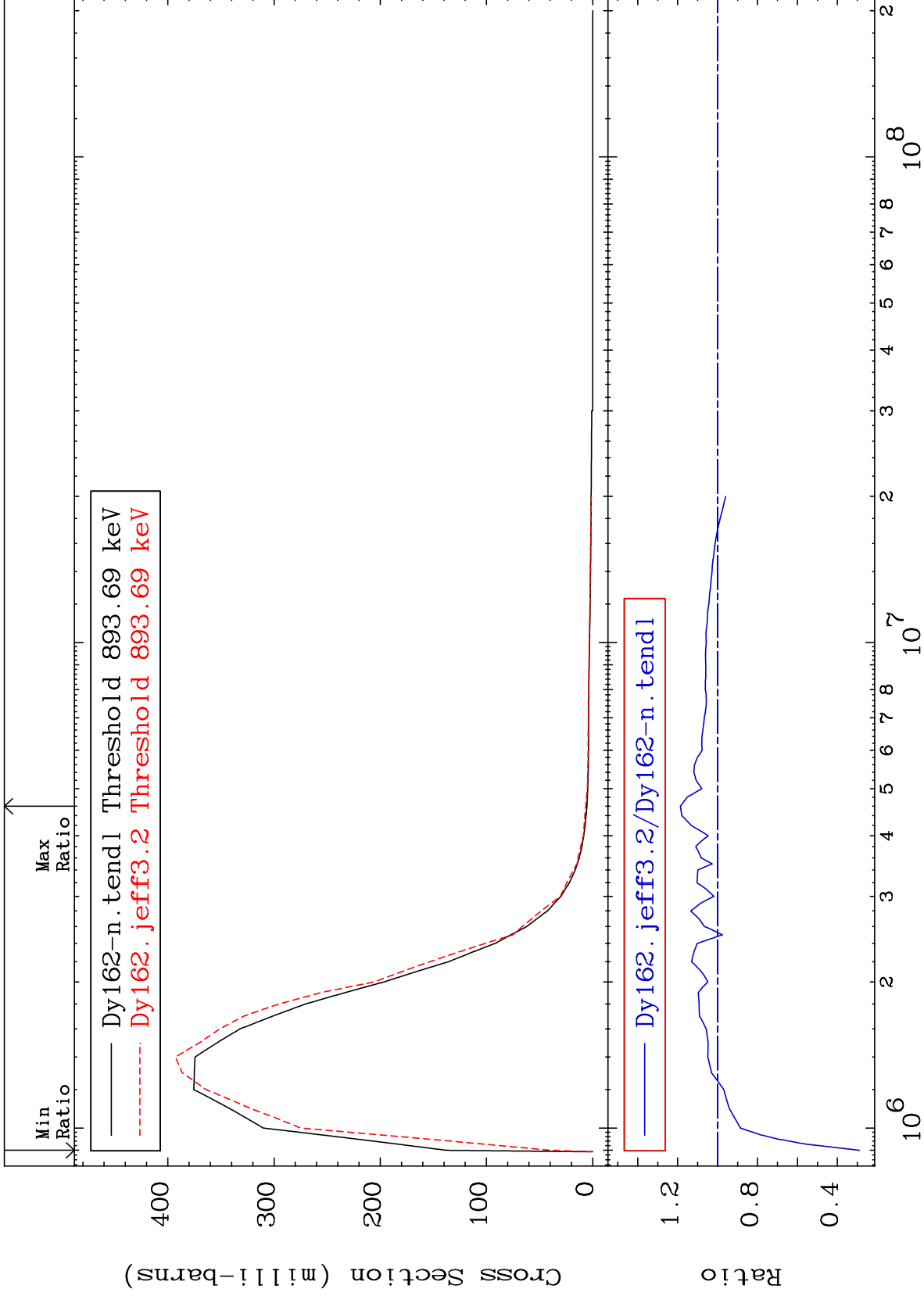
Incident Energy (eV)

66-Dy-162

MAT 6643

888.2 keV (n,n') Level
Cross Section

66-Dy-162
-71.04 To 18.65 %



13

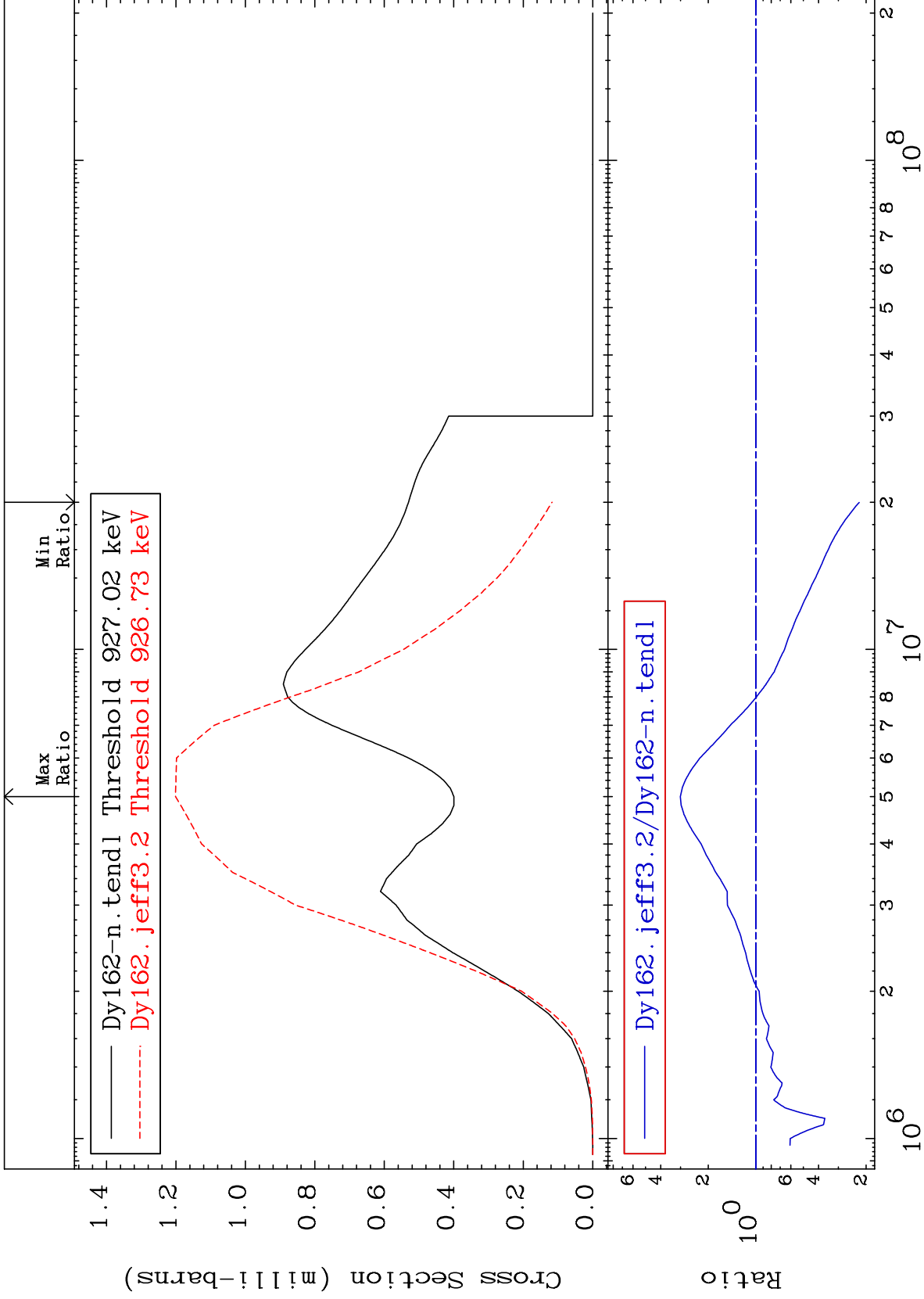
Incident Energy (eV)

66-Dy-162

MAT 6643

921.3 keV (n,n') Level
Cross Section

66-Dy-162
-77.93 To 200.6 %



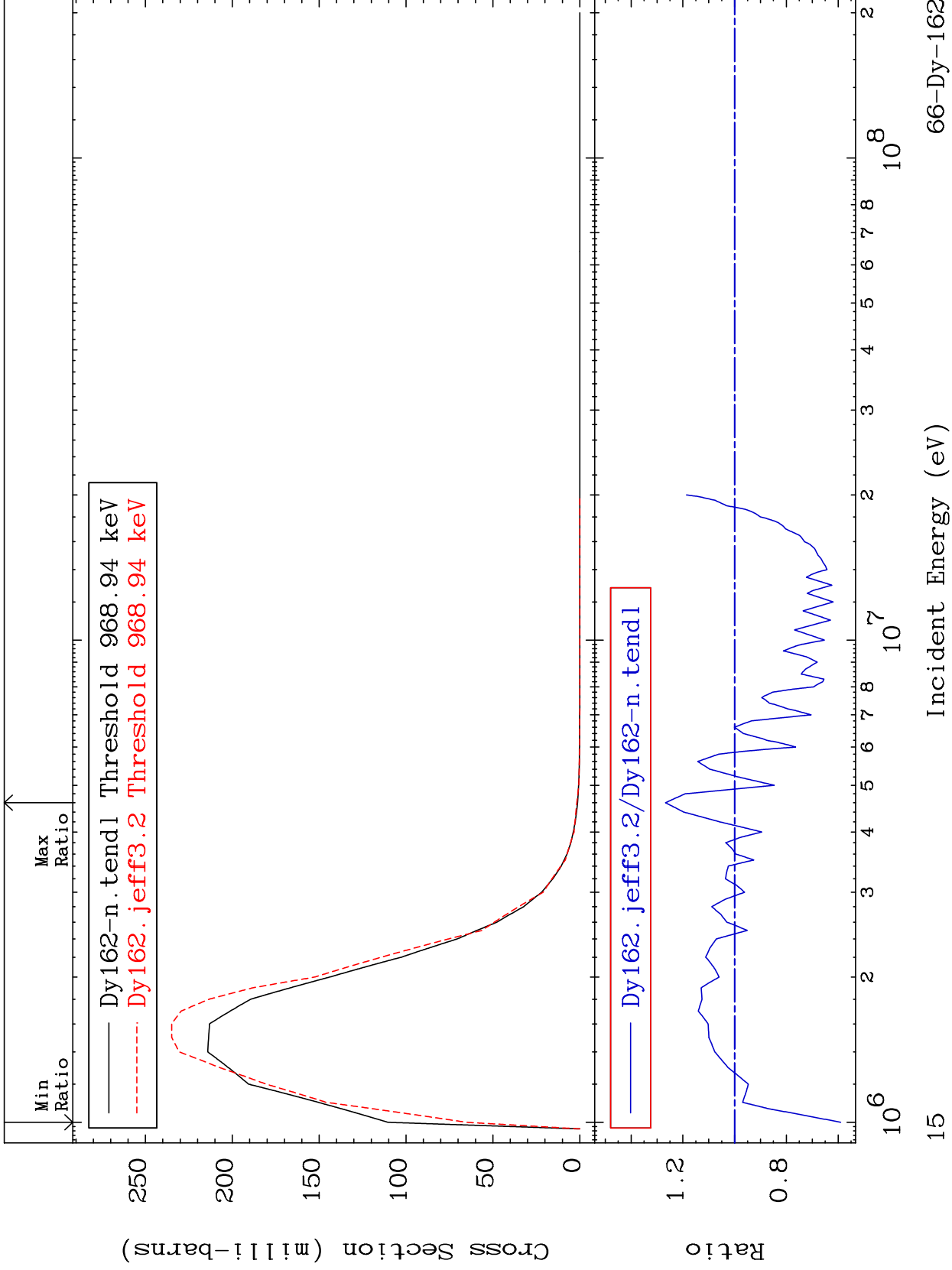
14

66-Dy-162

MAT 6643

962.9 keV (n,n') Level
Cross Section

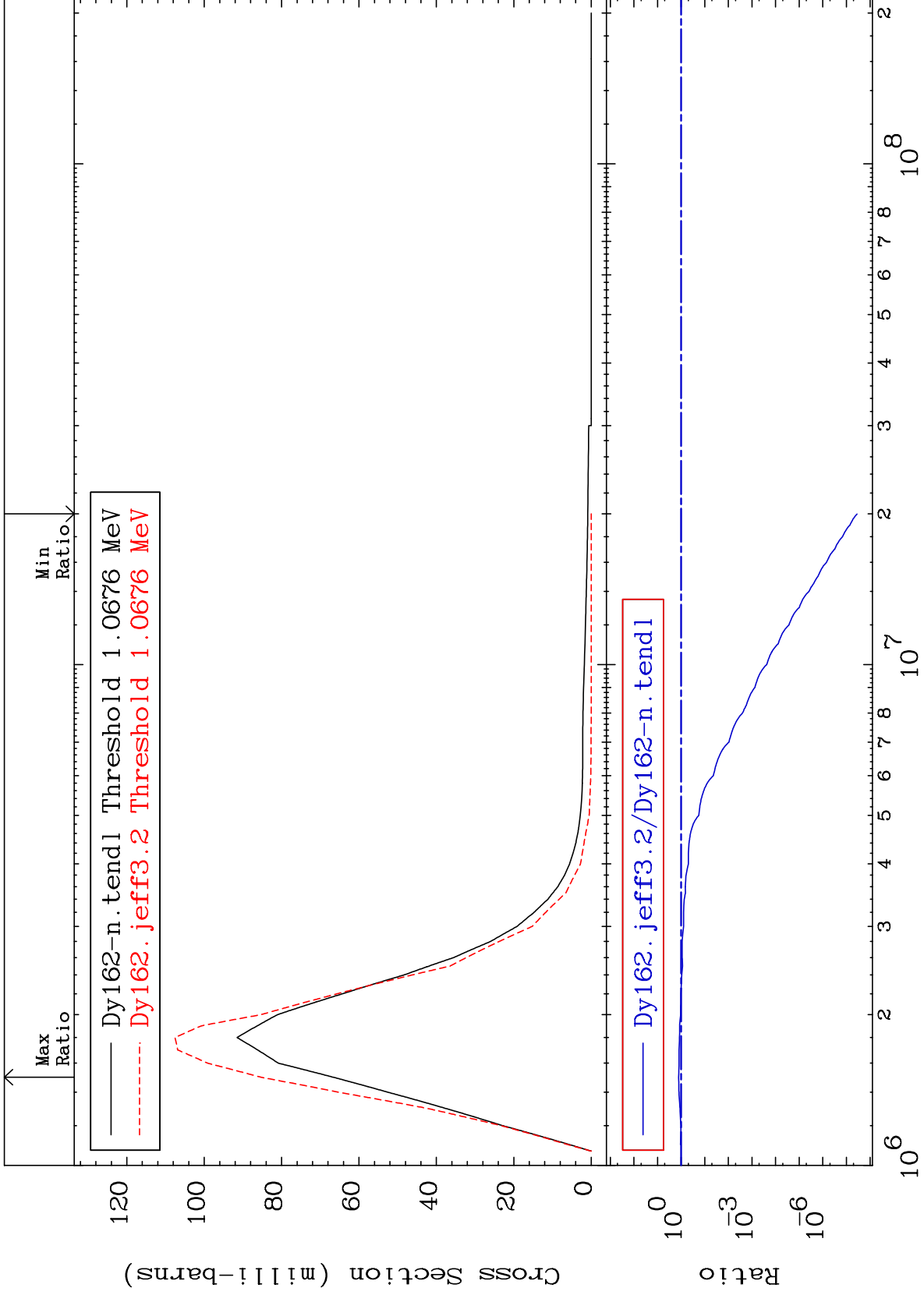
66-Dy-162
-40.98 To 26.71 %



MAT 6643

1.061 MeV (n,n') Level
Cross Section

66-Dy-162
-100.0 To 28.01 %

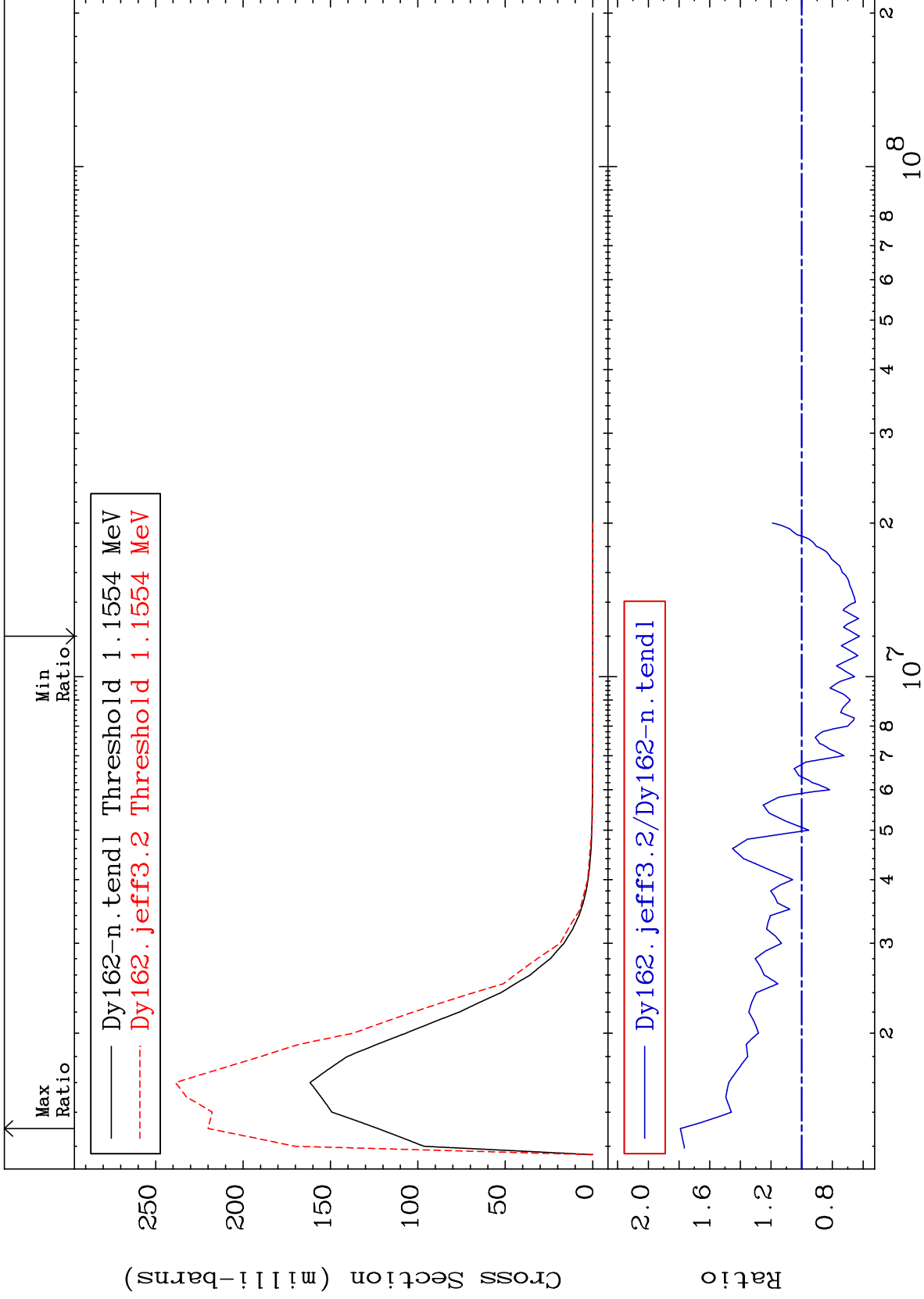


166-Dy-162

MAT 6643

1.148 MeV (n,n') Level
Cross Section

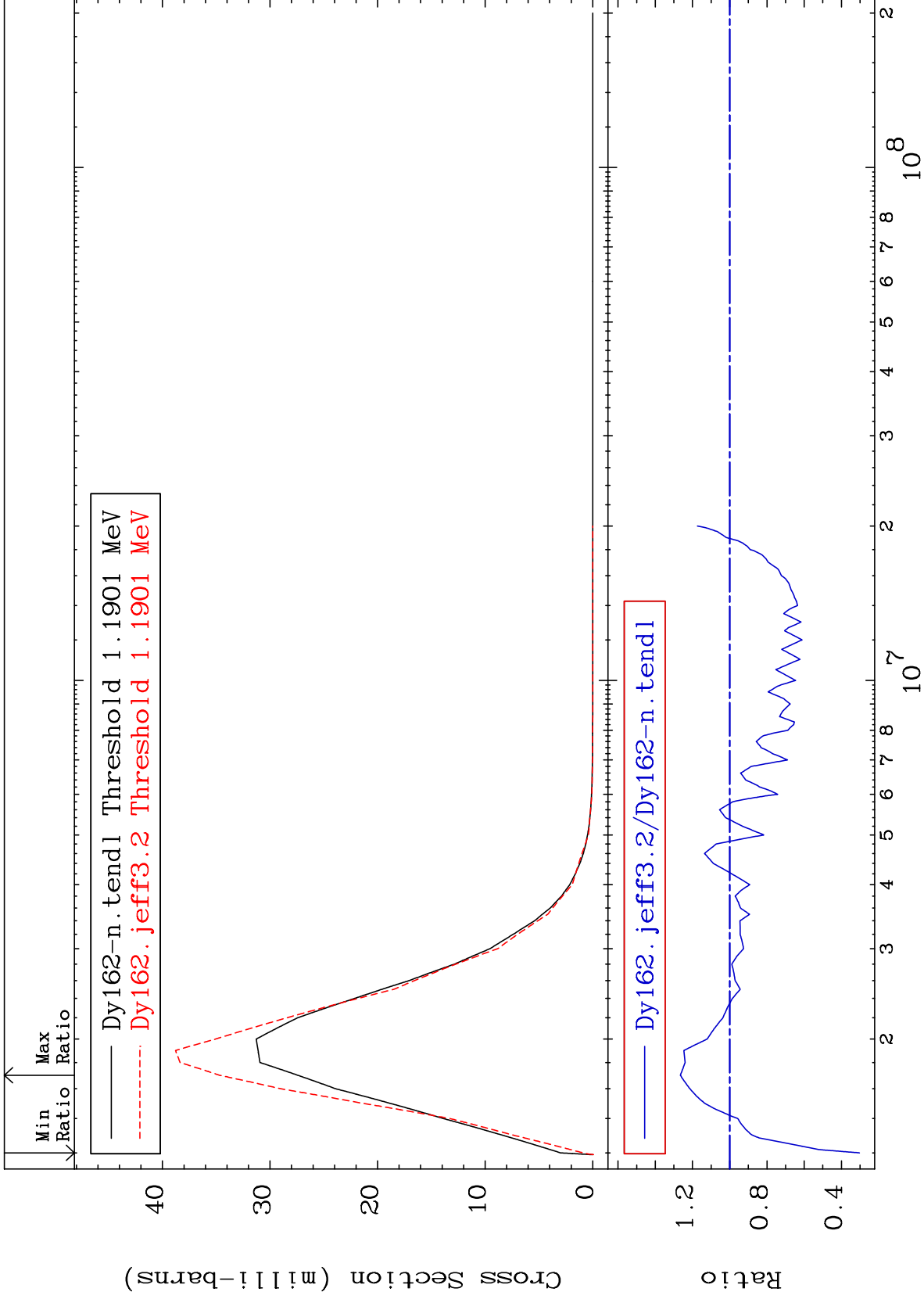
66-Dy-162
-37.61 To 79.12 %



MAT 6643

1.183 MeV (n,n') Level
Cross Section

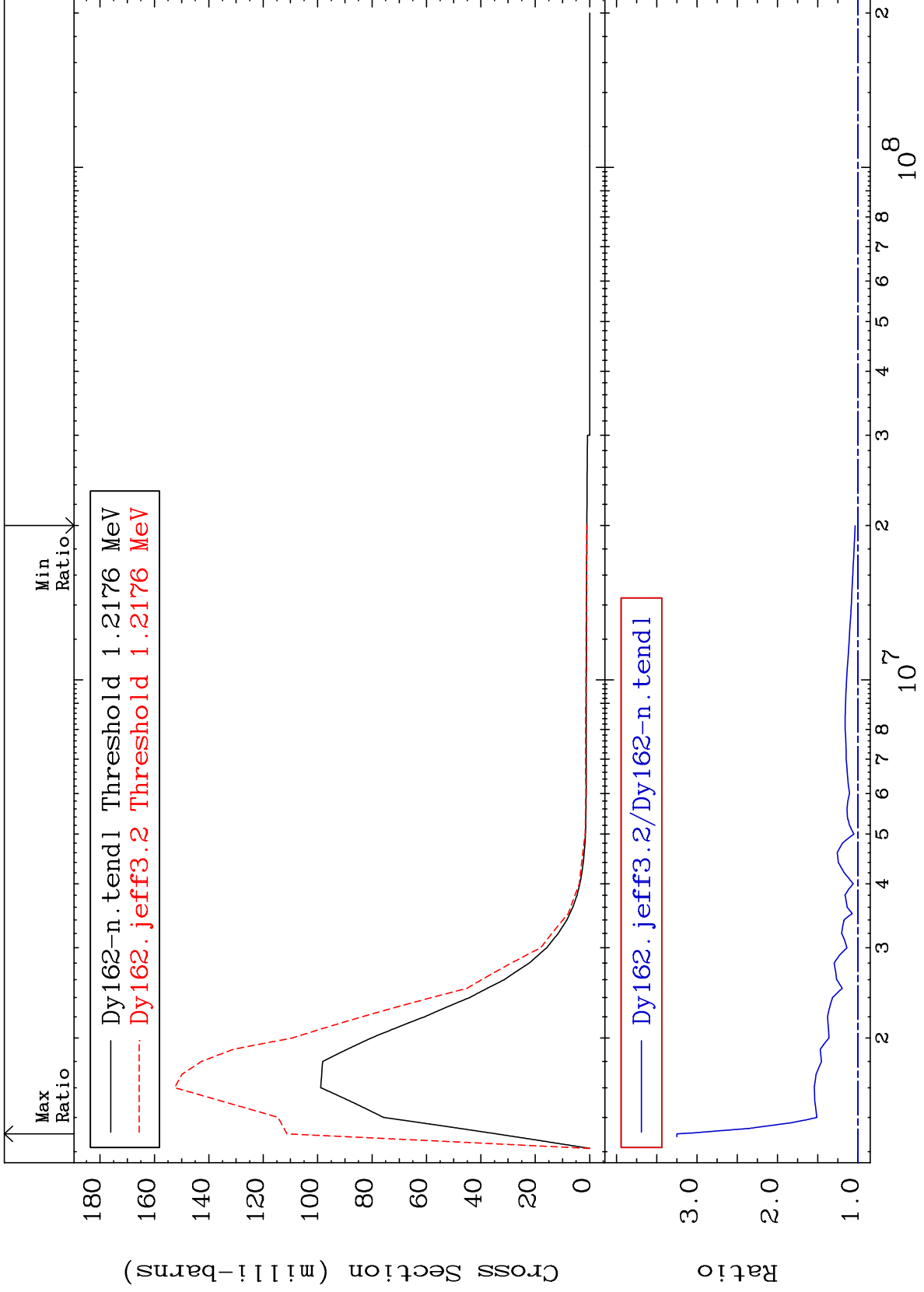
66-Dy-162
-69.66 To 26.52 %



MAT 6643

1.210 MeV (n,n') Level
Cross Section

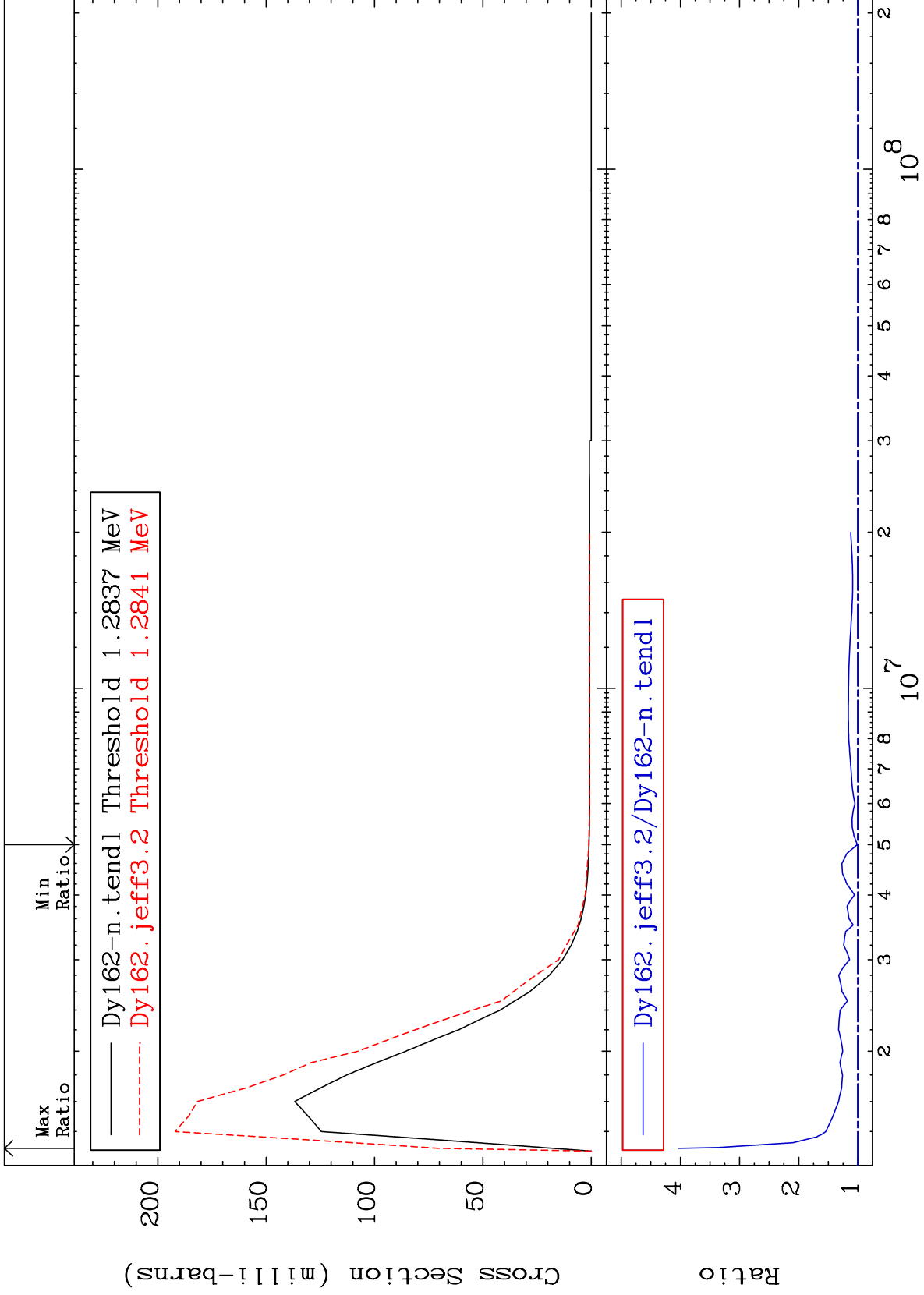
66-Dy-162
3.660 To 224.9 %



MAT 6643

1.276 MeV (n,n') Level
Cross Section

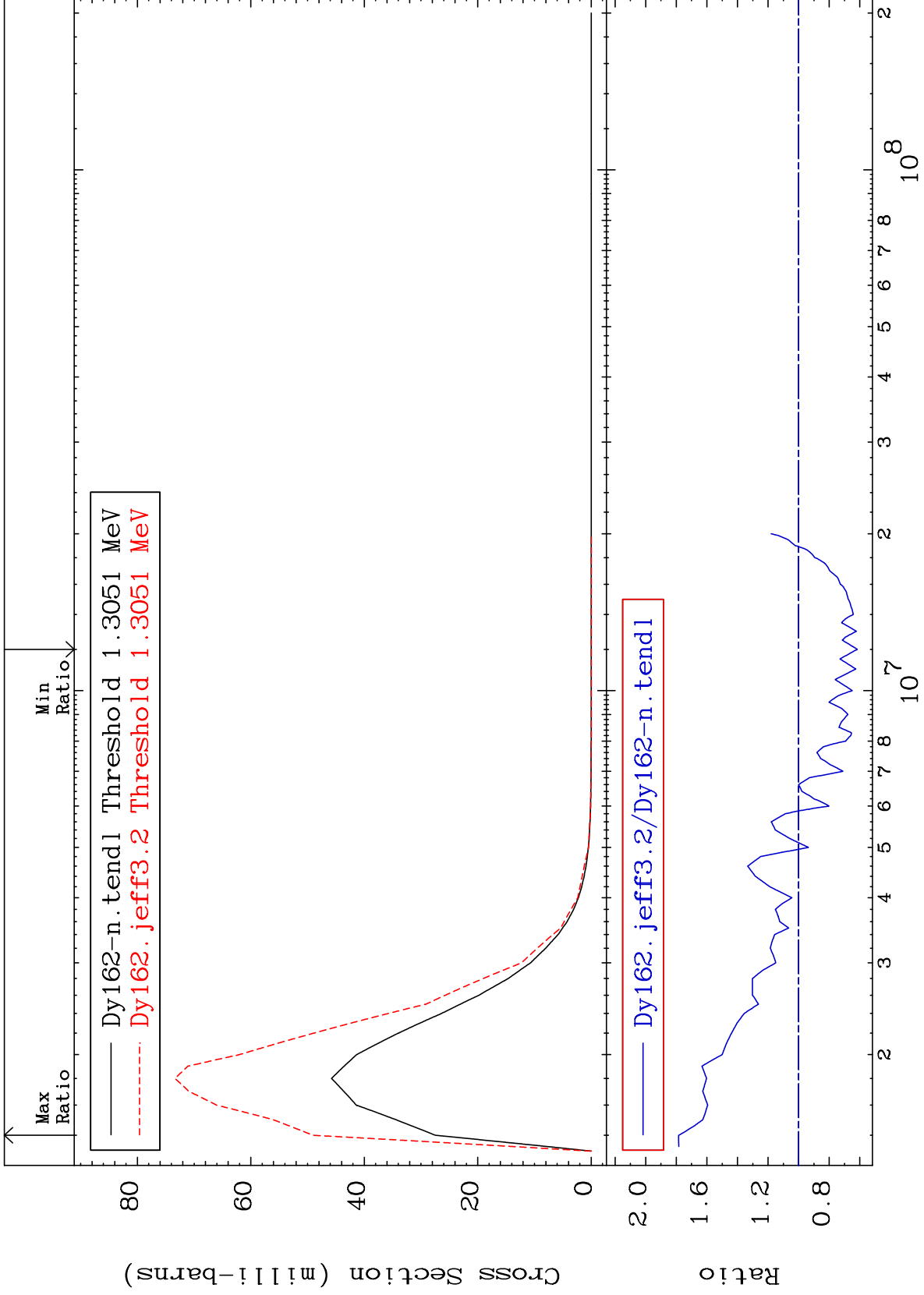
66-Dy-162
1.098 To 302.9 %



MAT 6643

1.297 MeV (n,n') Level
Cross Section

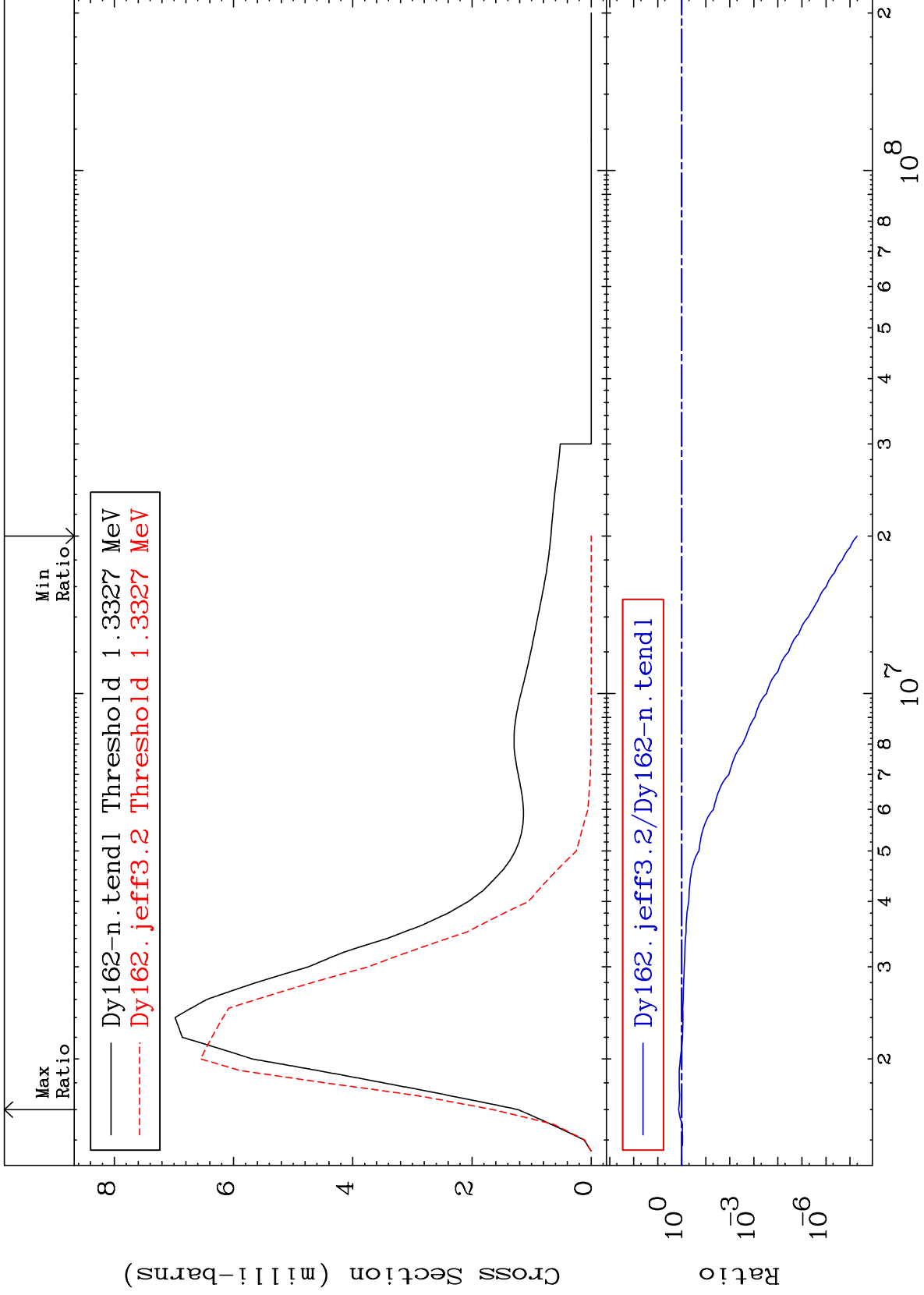
66-Dy-162
-38.35 To 78.47 %



MAT 6643

1.324 MeV (n,n') Level
Cross Section

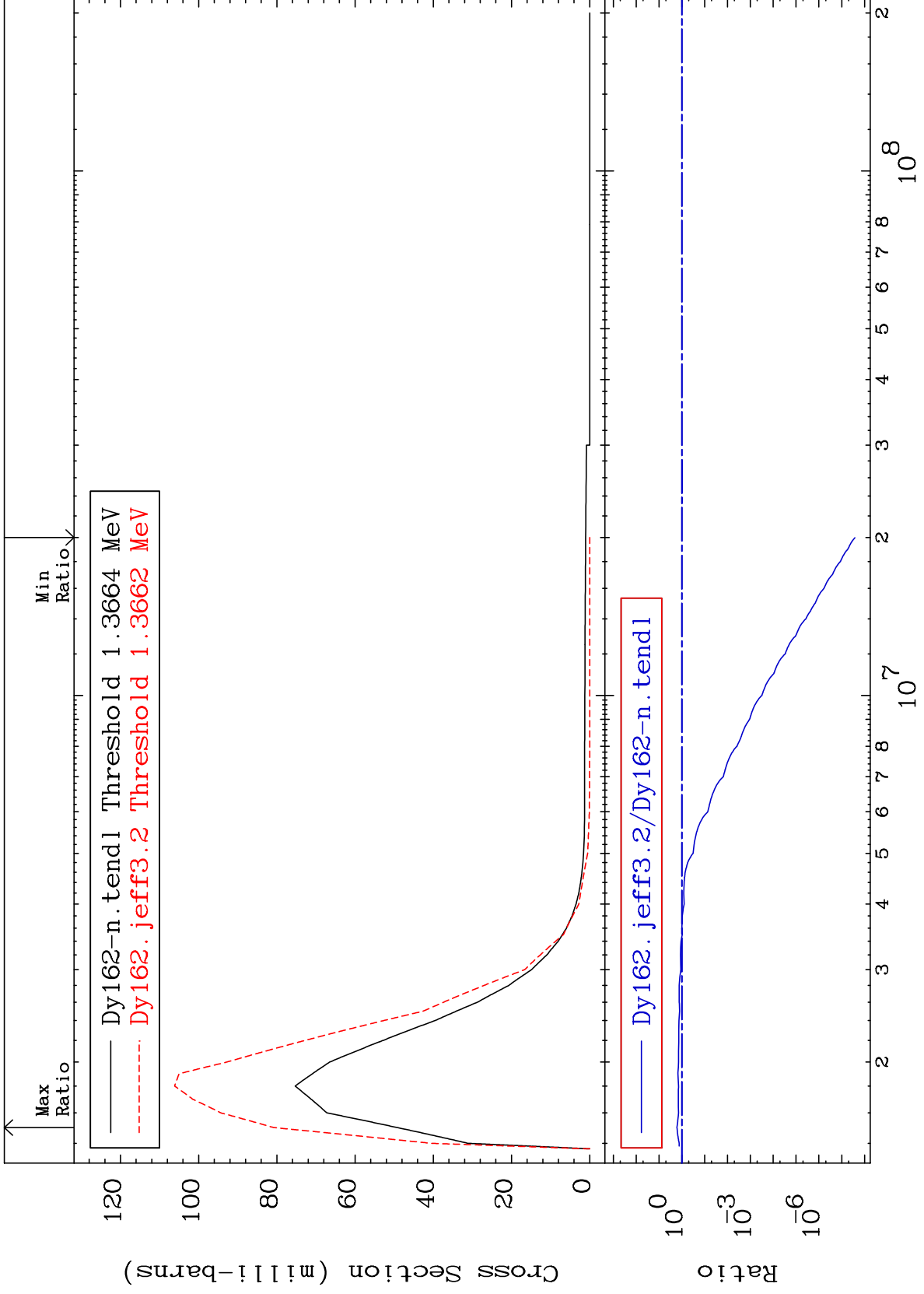
66-Dy-162
-100.0 To 34.87 %



MAT 6643

1.358 MeV (n,n') Level
Cross Section

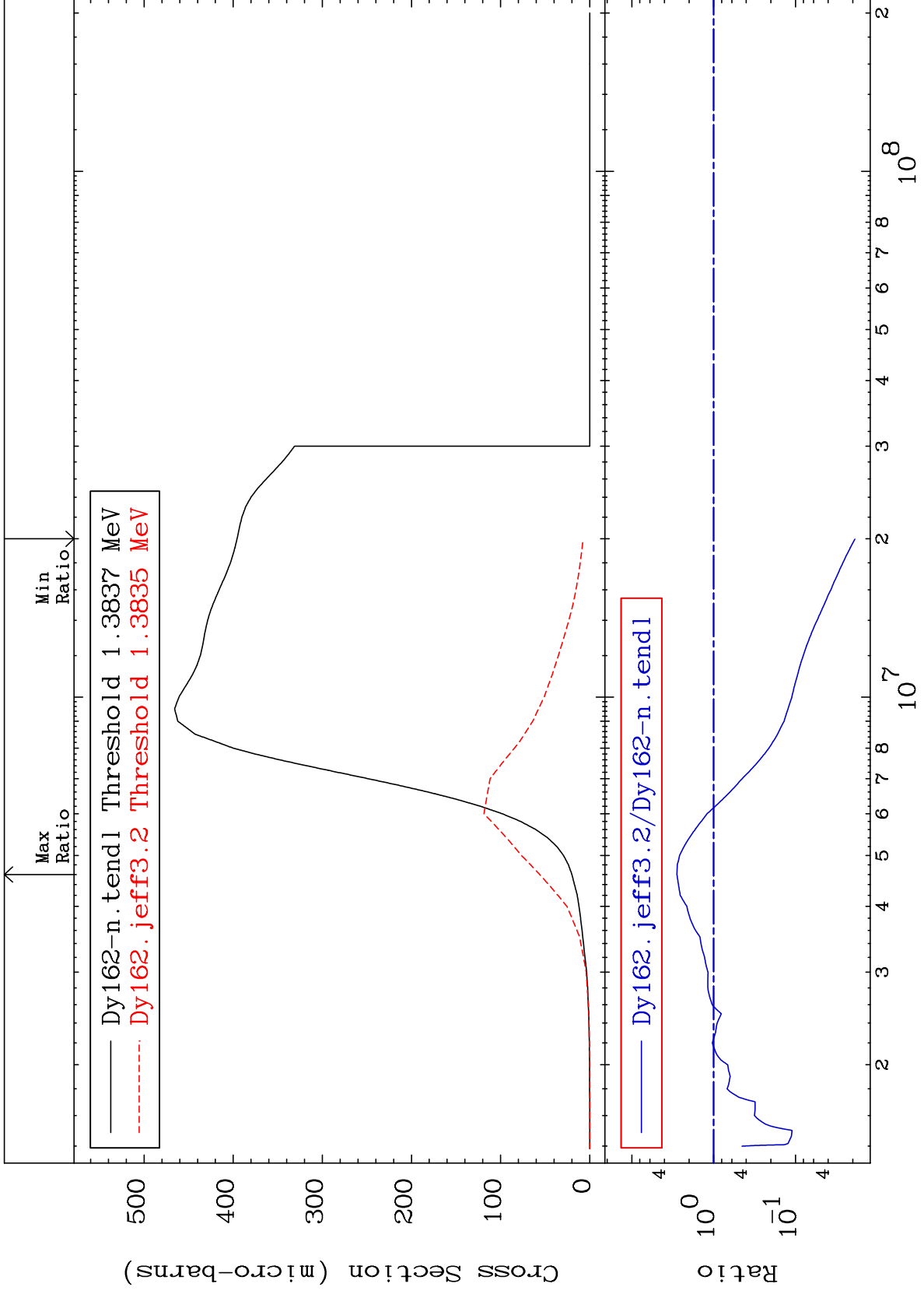
66-Dy-162
-100.0 To 64.38 %



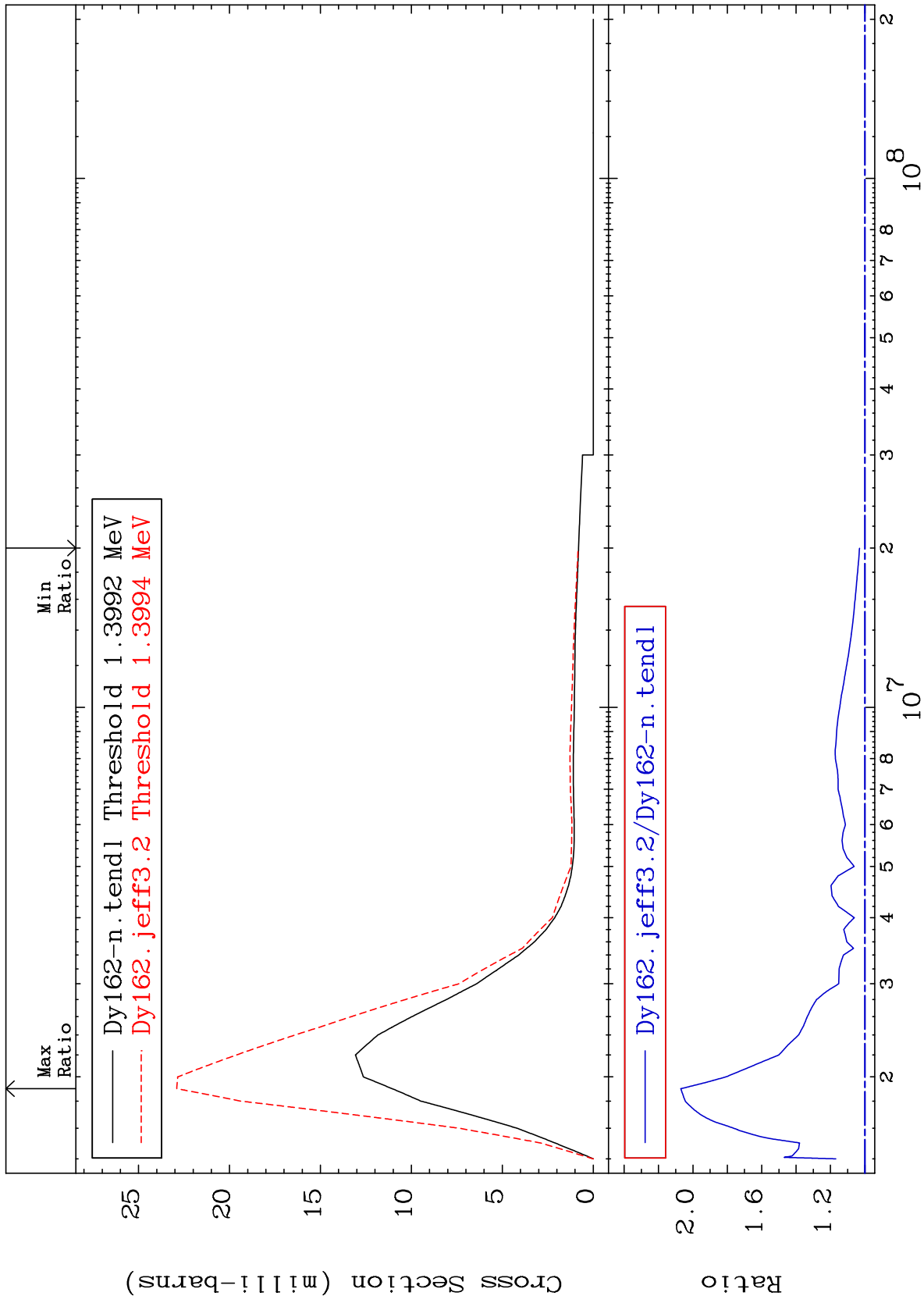
MAT 6643

1.375 MeV (n,n') Level
Cross Section

66-Dy-162
-98.13 To 181.2 %



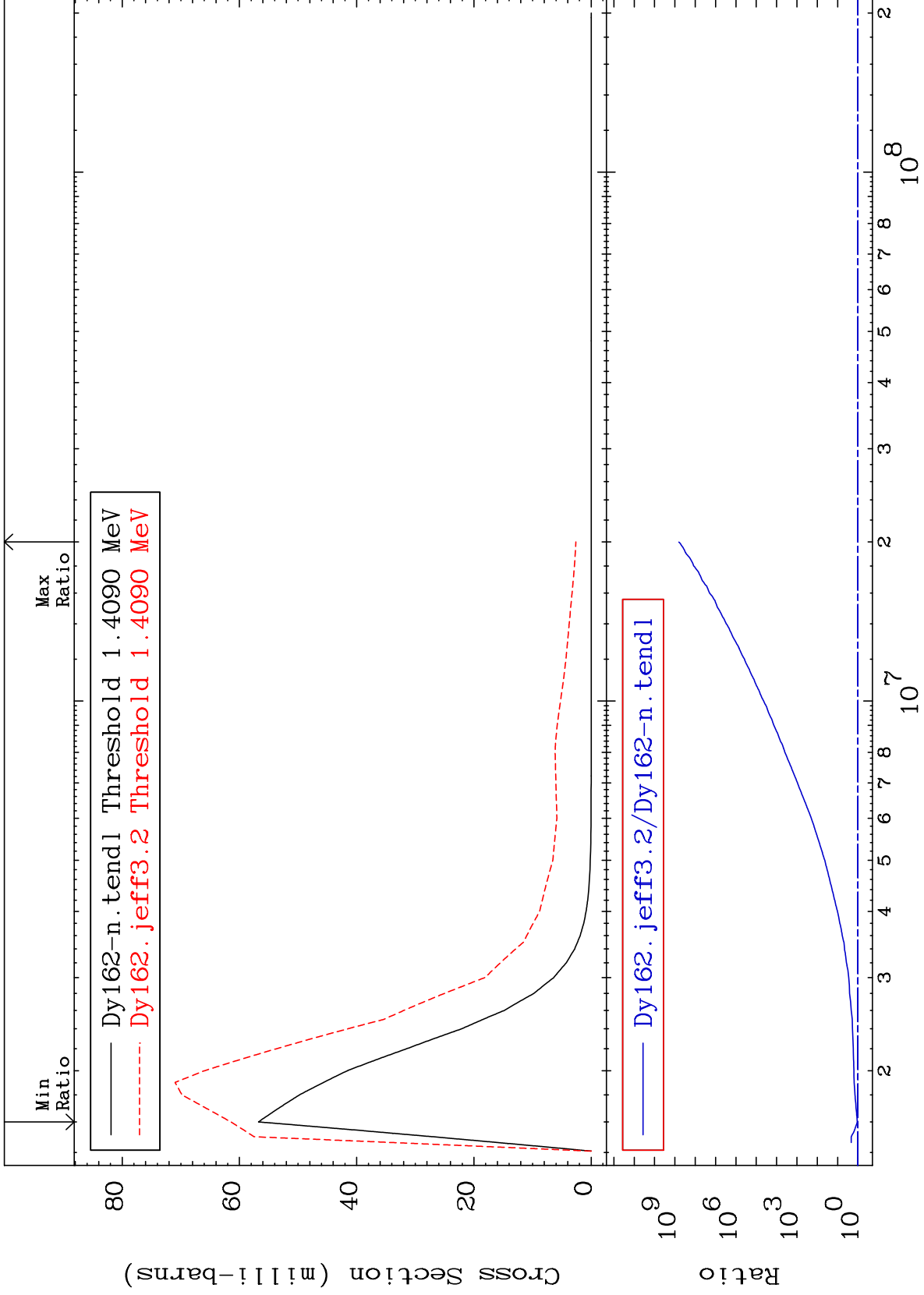
MAT 6643 1.391 MeV (n,n') Level Cross Section 66-Dy-162 To 107.1 %



MAT 6643

1.400 MeV (n,n') Level
Cross Section

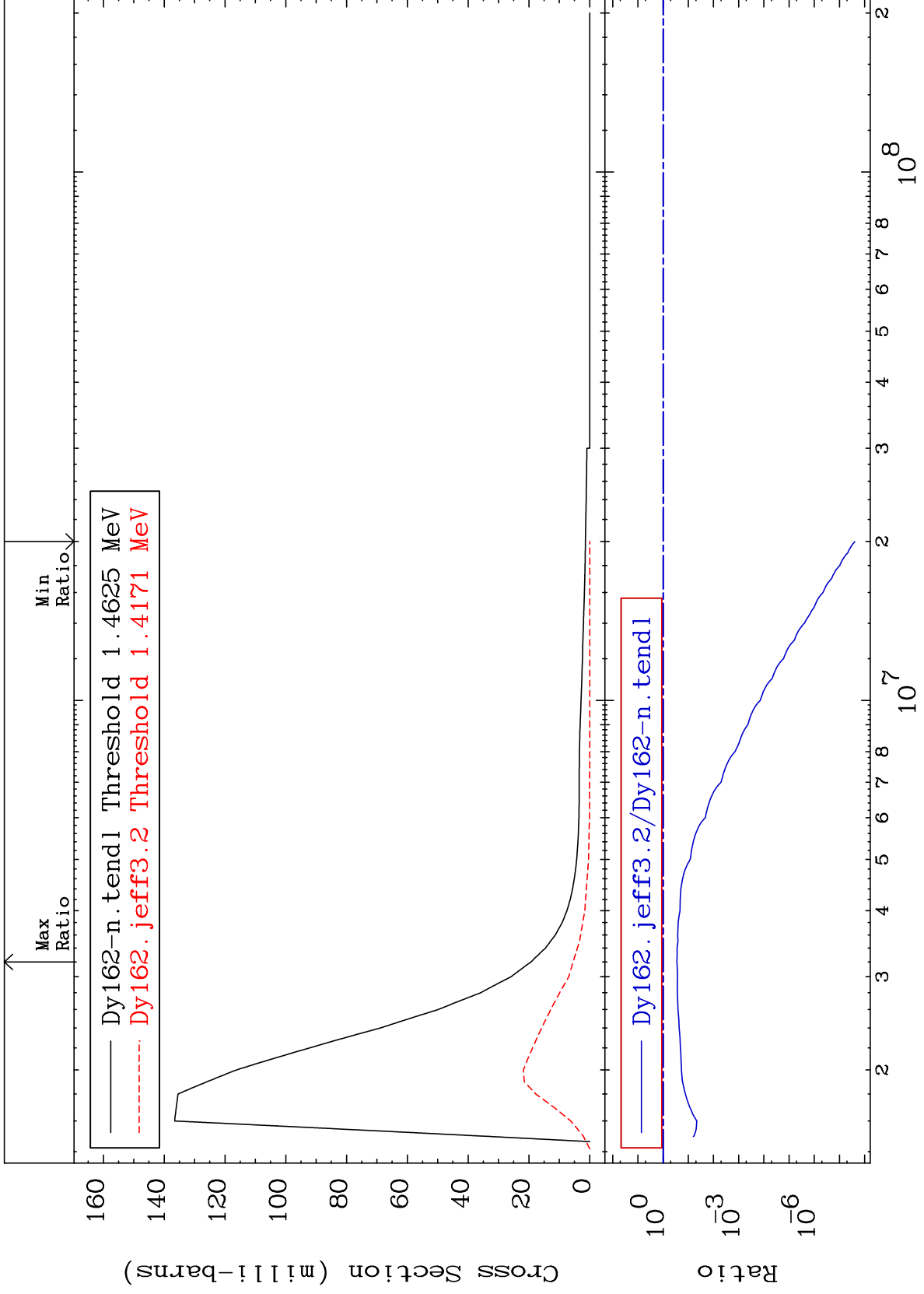
66-Dy-162
8.304 To 9999. %



MAT 6643

1.453 MeV (n,n') Level
Cross Section

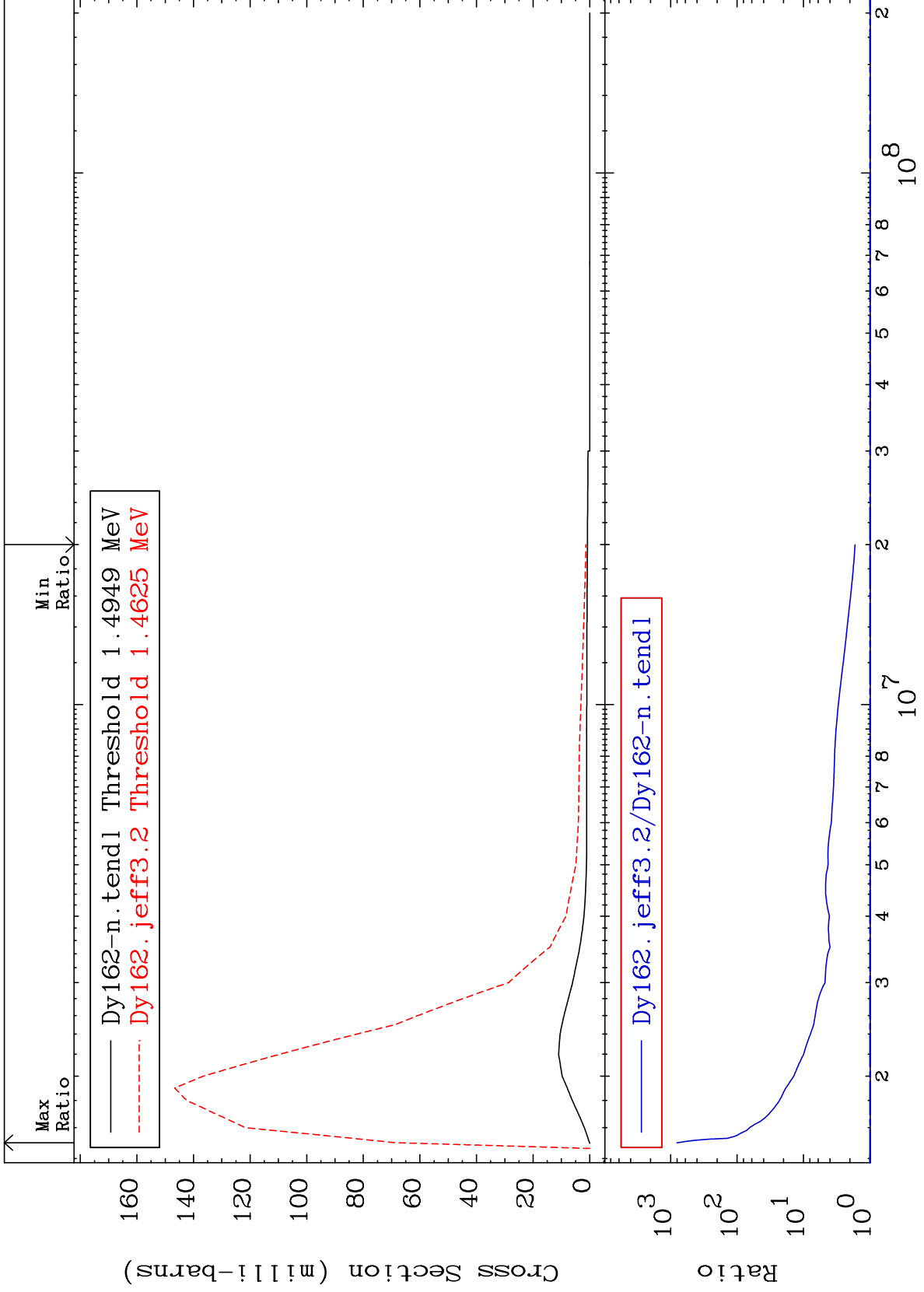
66-Dy-162
-100.0 To -71.74%



MAT 6643

1.486 MeV (n,n') Level
Cross Section

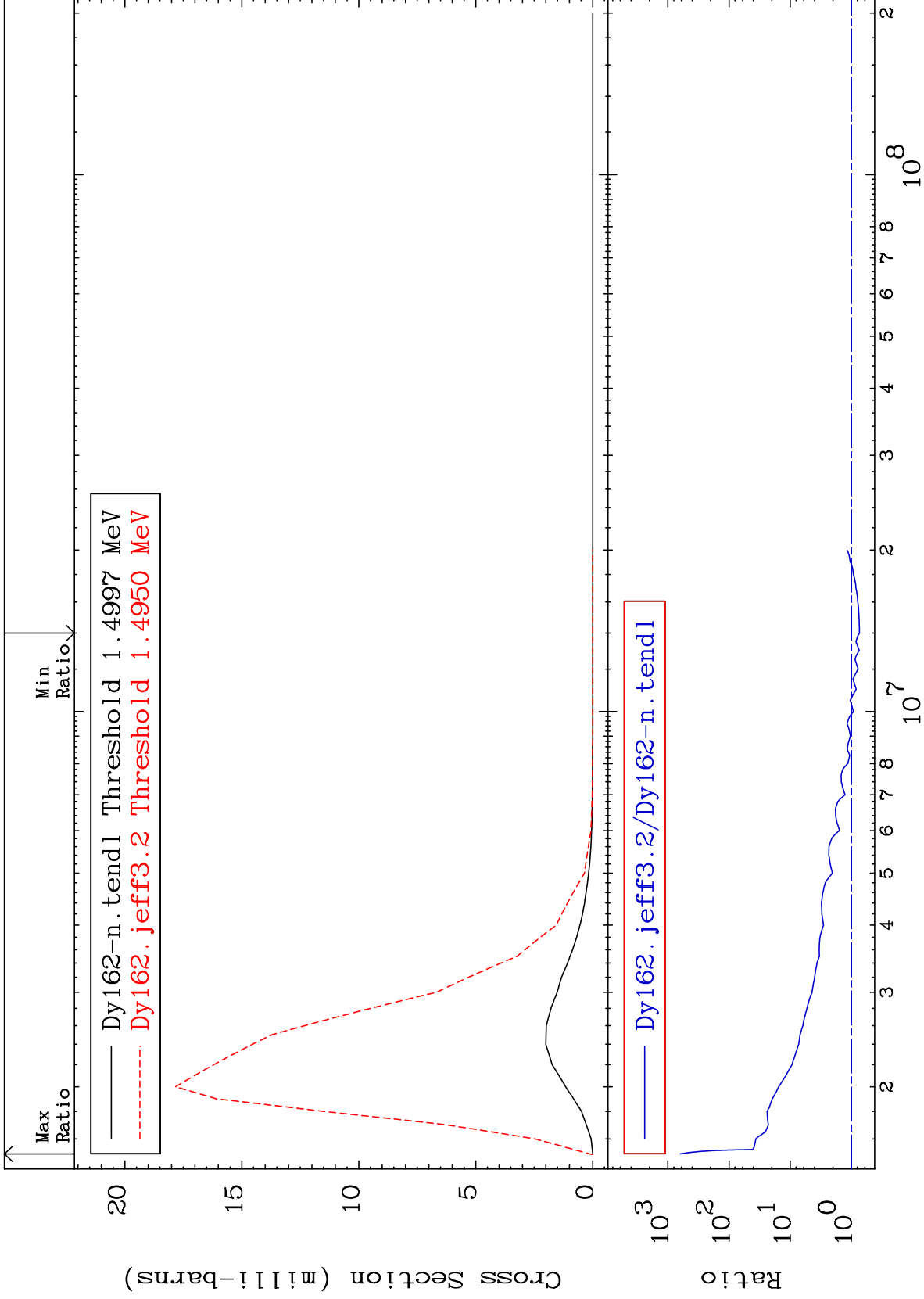
66-Dy-162
67.41 To 9999. %



MAT 6643

1.490 MeV (n,n') Level
Cross Section

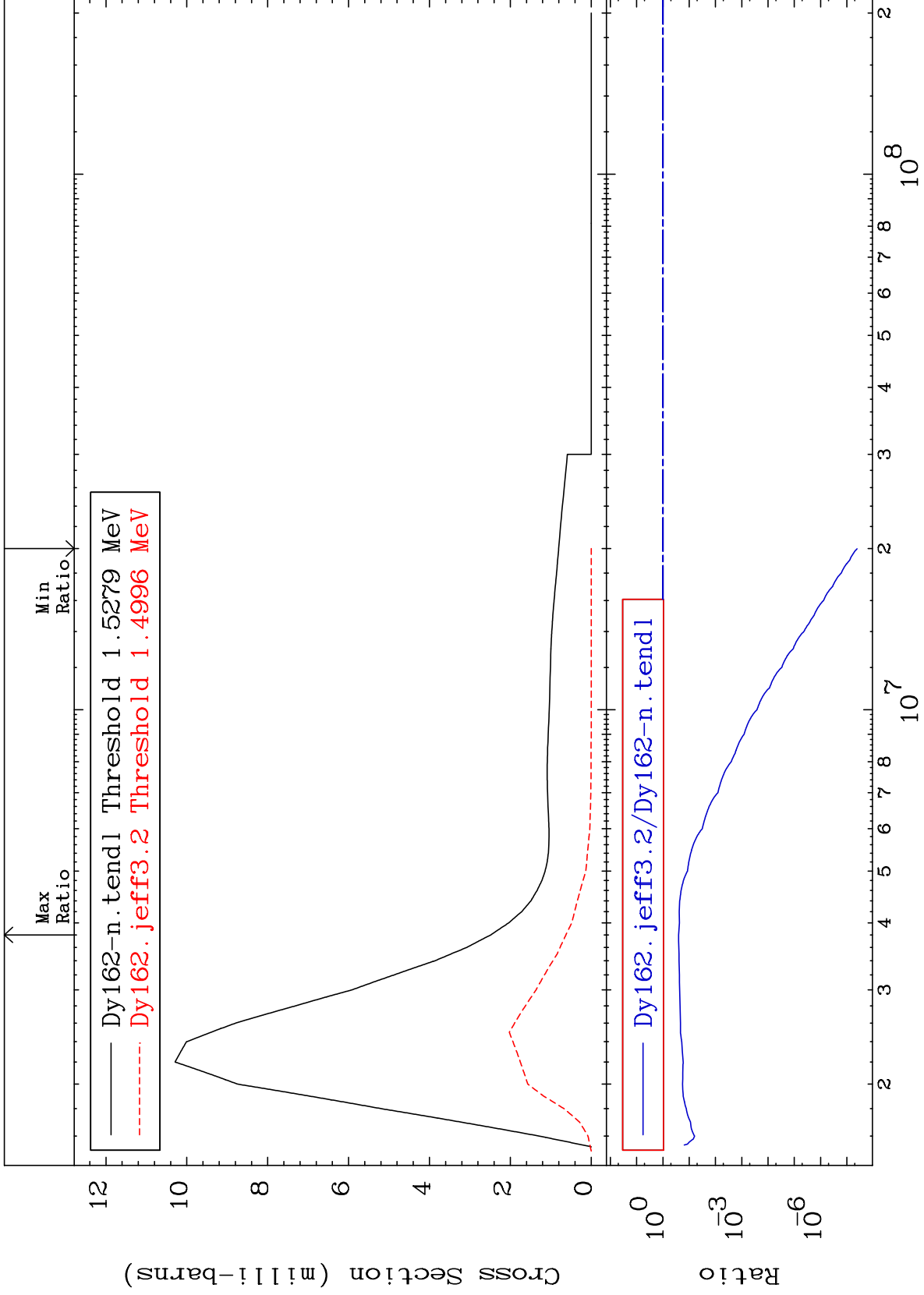
66-Dy-162
-26.28 To 9999. %



MAT 6643

1.518 MeV (n,n') Level
Cross Section

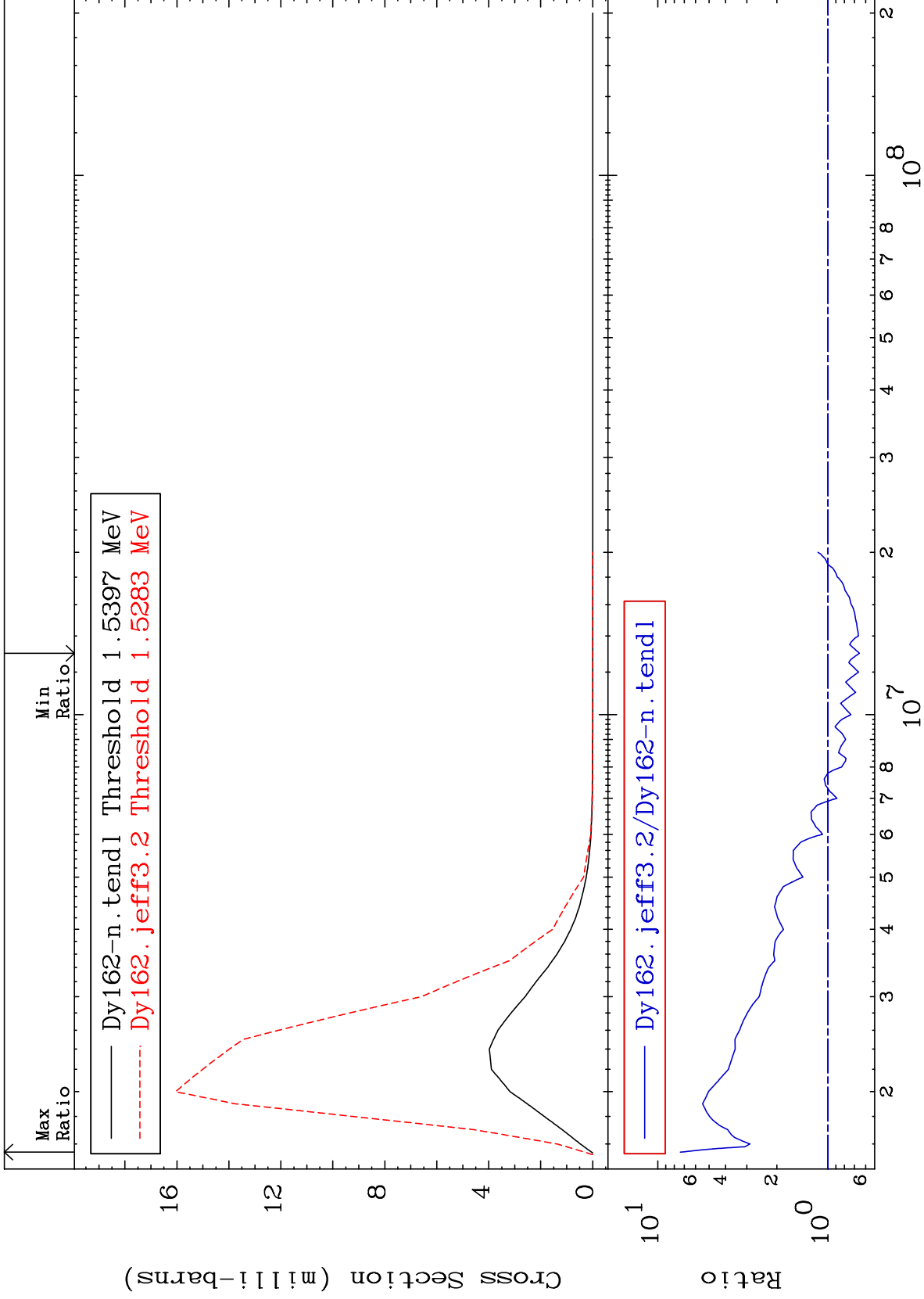
66-Dy-162
-100.0 To -74.80%



MAT 6643

1.530 MeV (n,n') Level
Cross Section

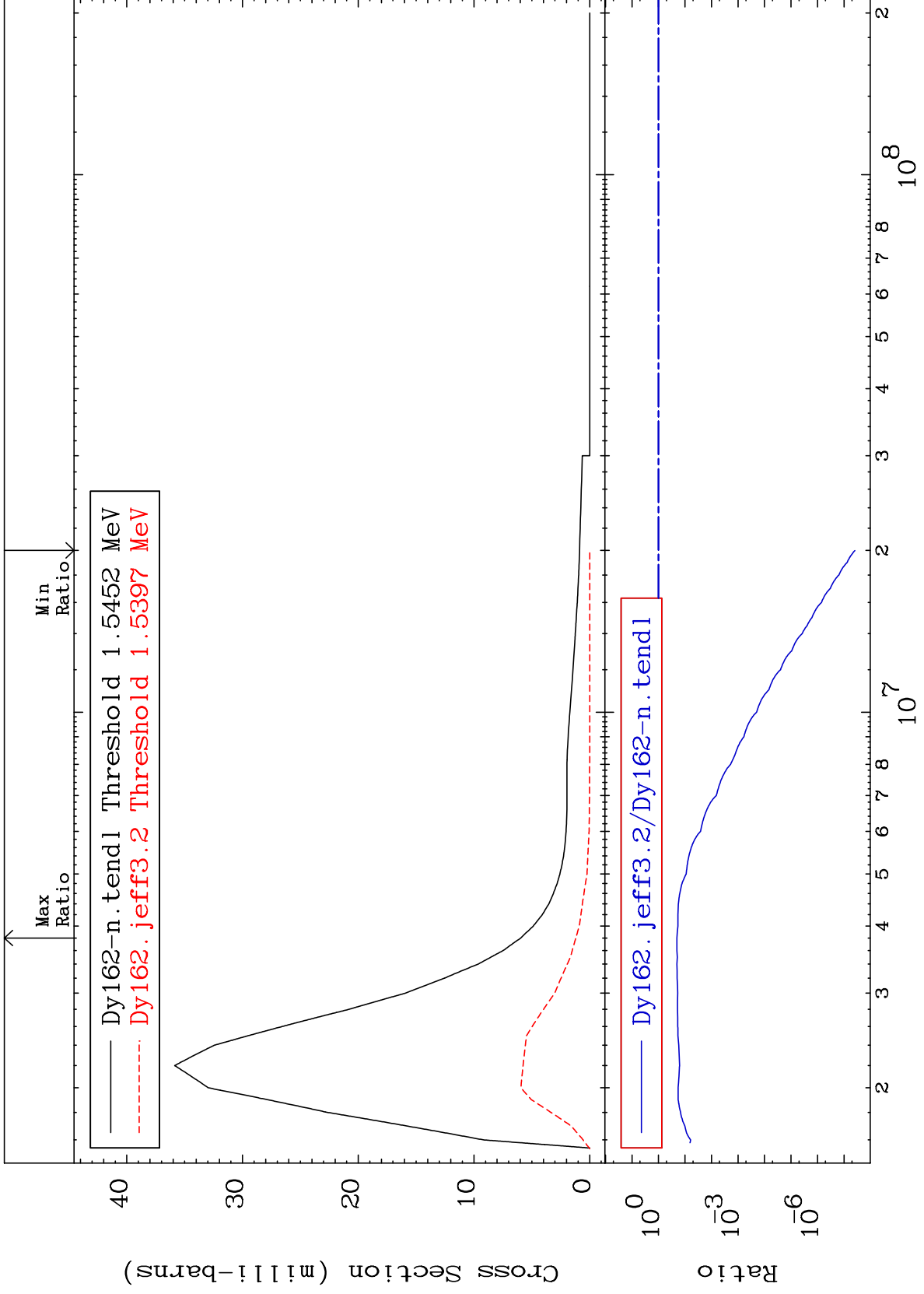
66-Dy-162
-34.63 To 637.2 %



MAT 6643

1.536 MeV (n,n') Level
Cross Section

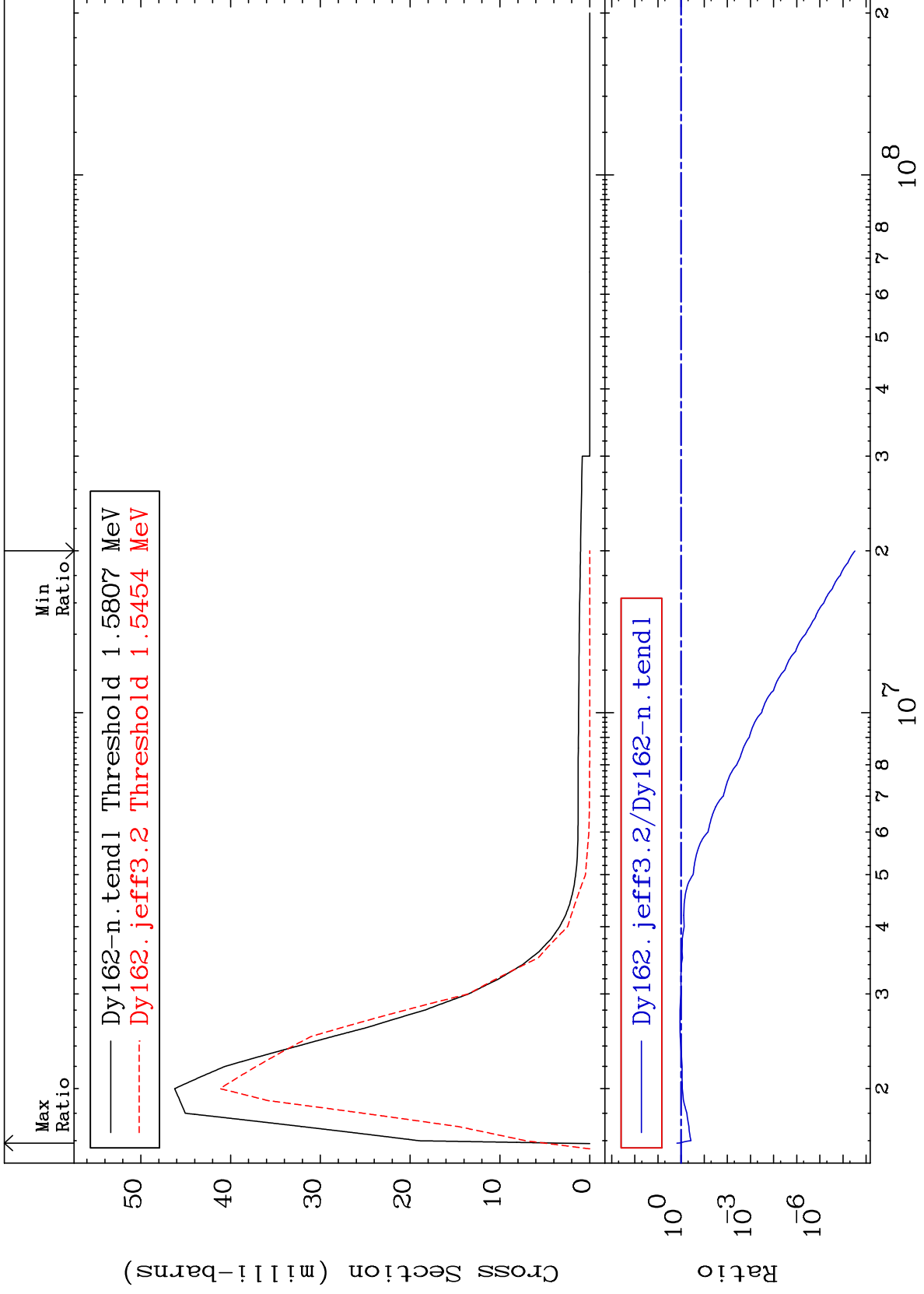
66-Dy-162
-100.0 To -79.83%



MAT 6643

1.571 MeV (n,n') Level
Cross Section

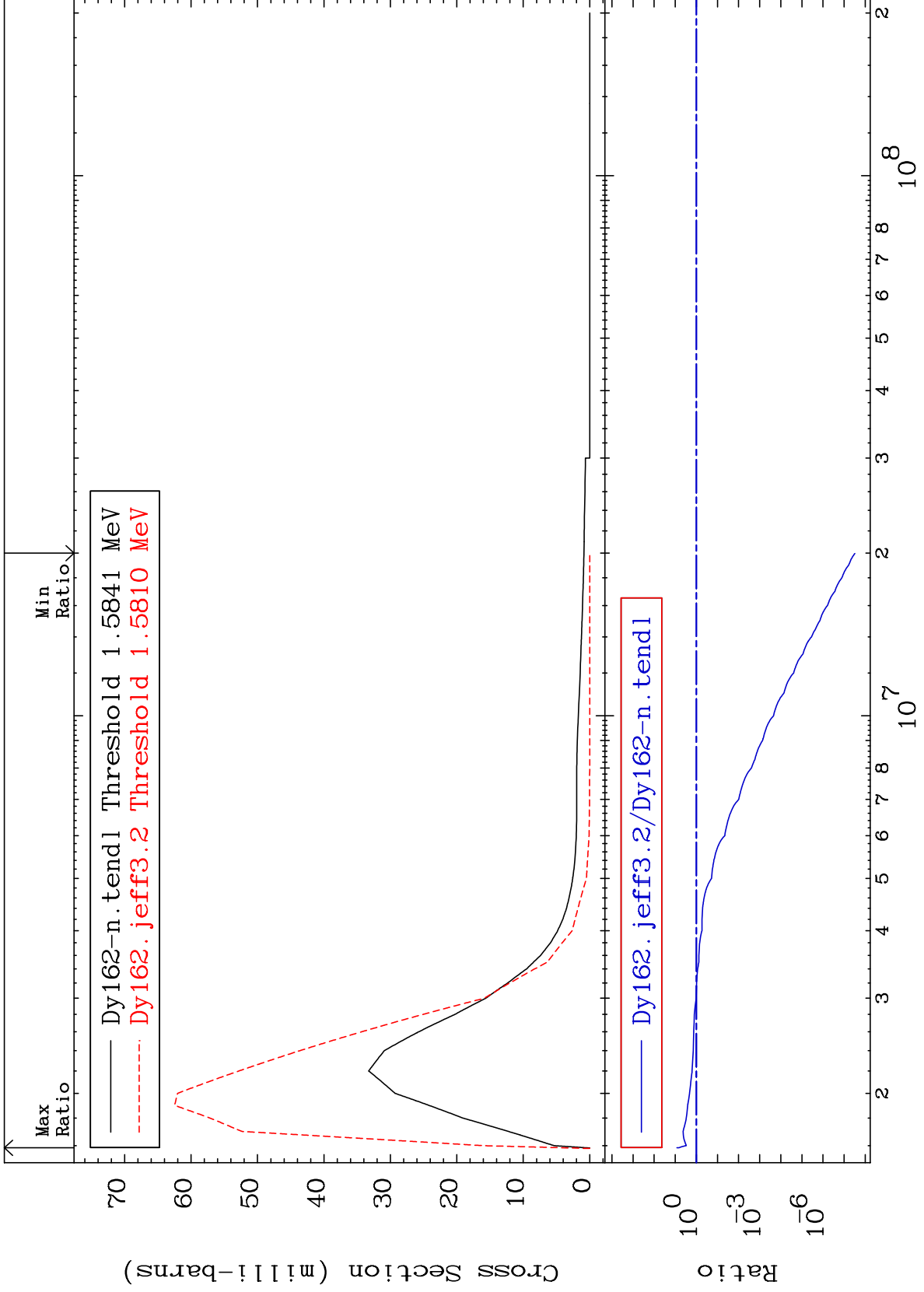
66-Dy-162
-100.0 To 51.19 %



MAT 6643

1.574 MeV (n,n') Level
Cross Section

66-Dy-162
-100.0 To 730.9 %



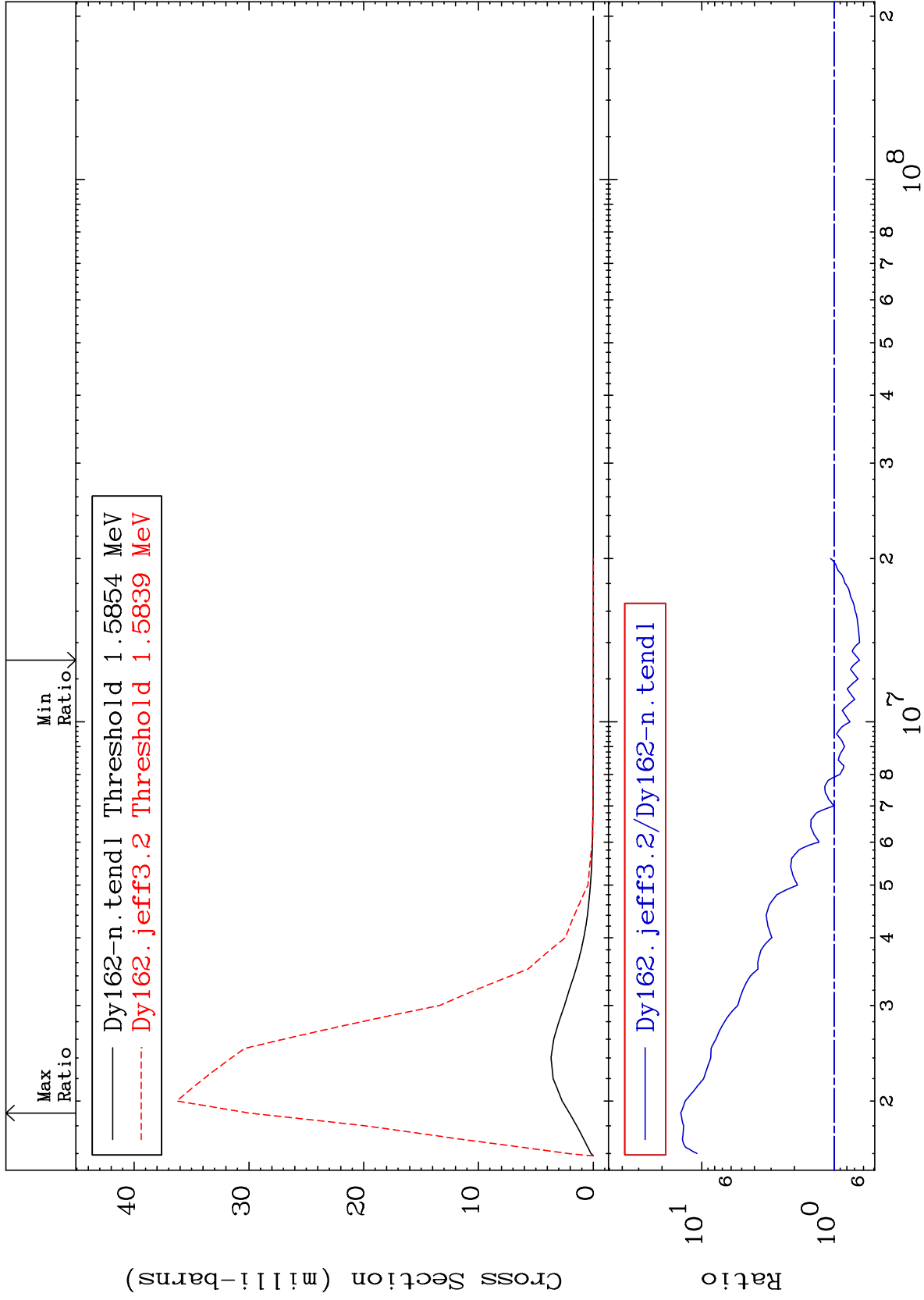
MAT 6643

1.576 MeV (n,n') Level

66-Dy-162

-35.80 To 1344. %

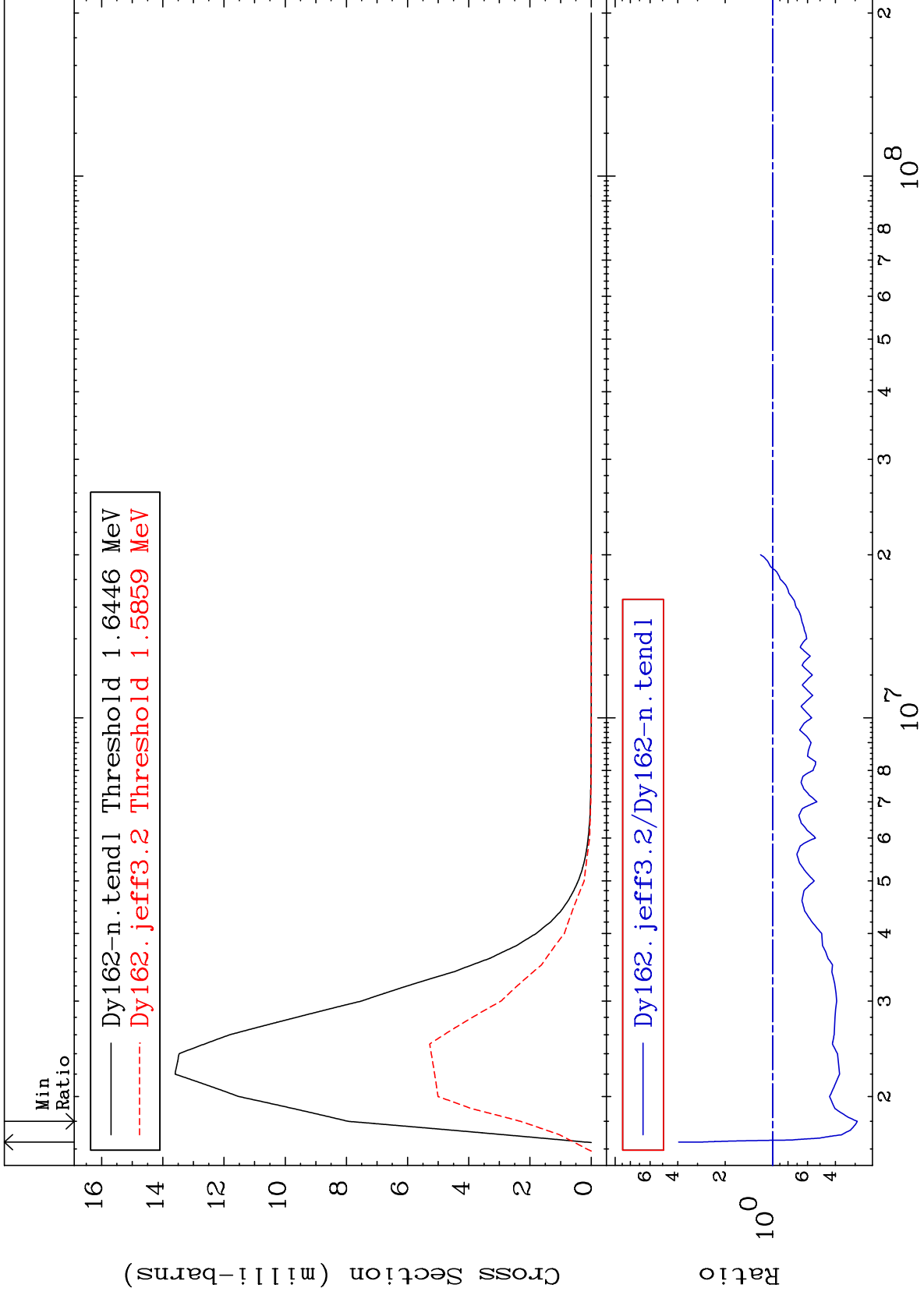
Cross Section



MAT 6643

1.634 MeV (n,n') Level
Cross Section

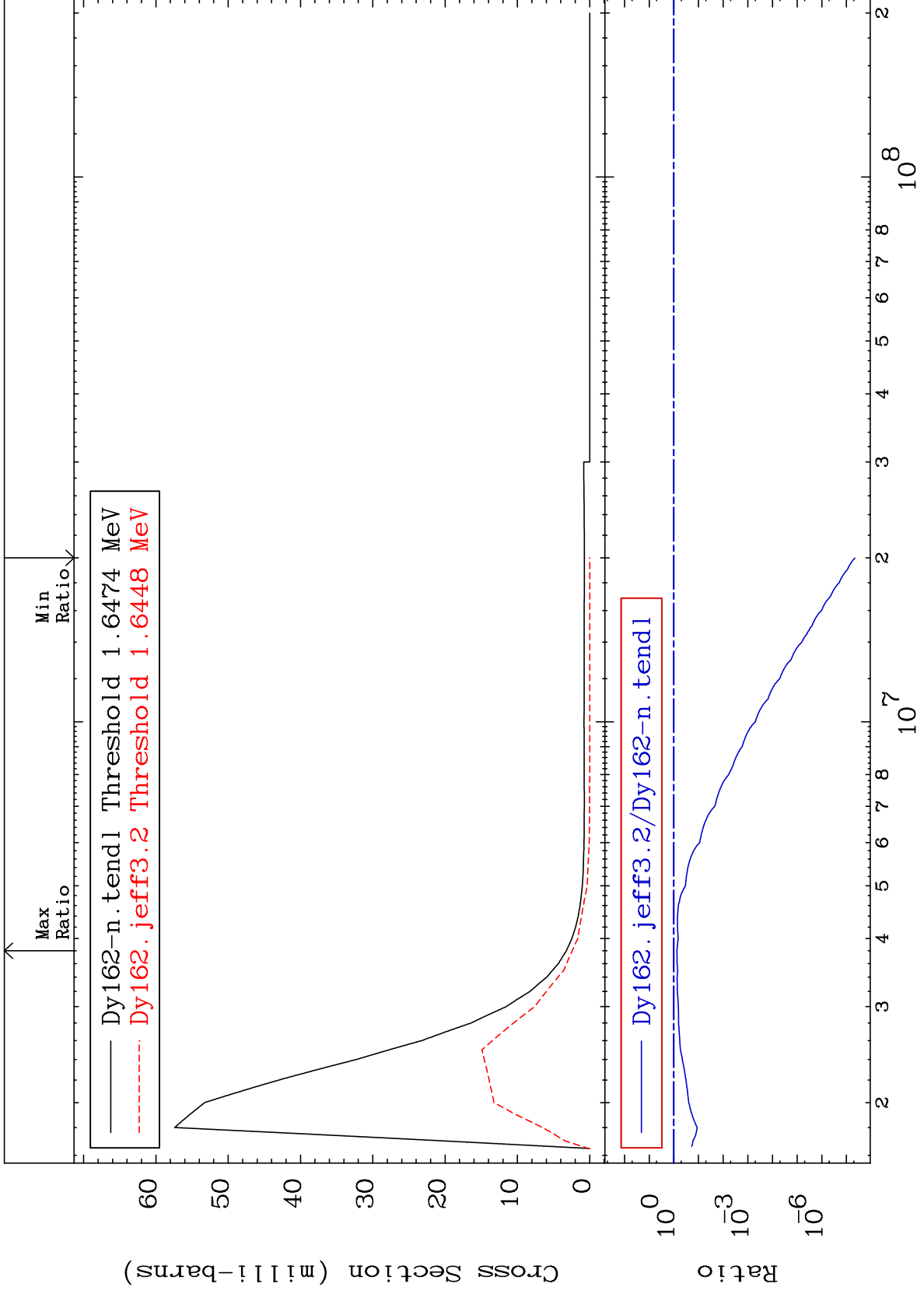
66-Dy-162
-70.94 To 295.1 %



MAT 6643

1.637 MeV (n,n') Level
Cross Section

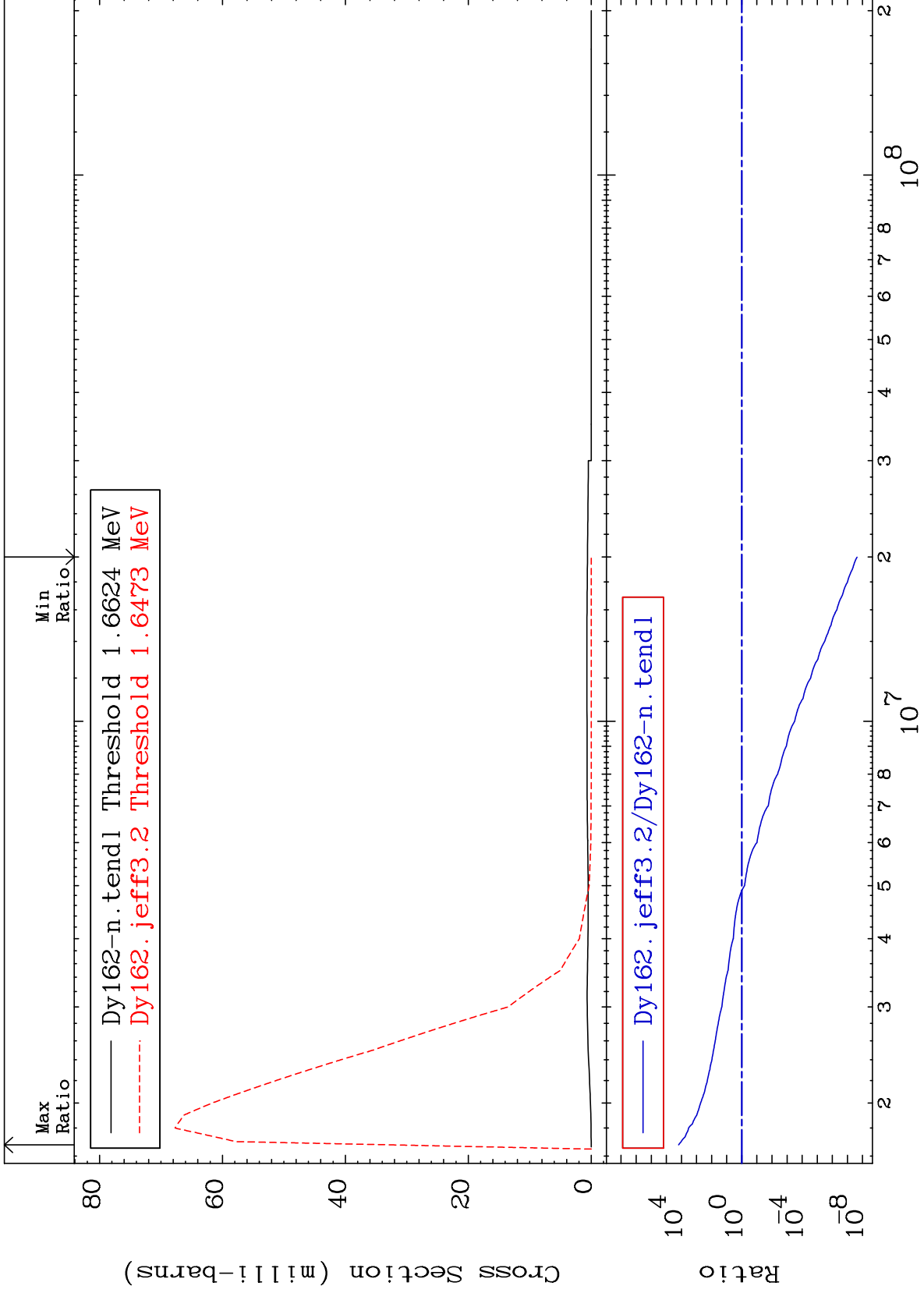
66-Dy-162
-100.0 To -24.87%



MAT 6643

1.652 MeV (n,n') Level
Cross Section

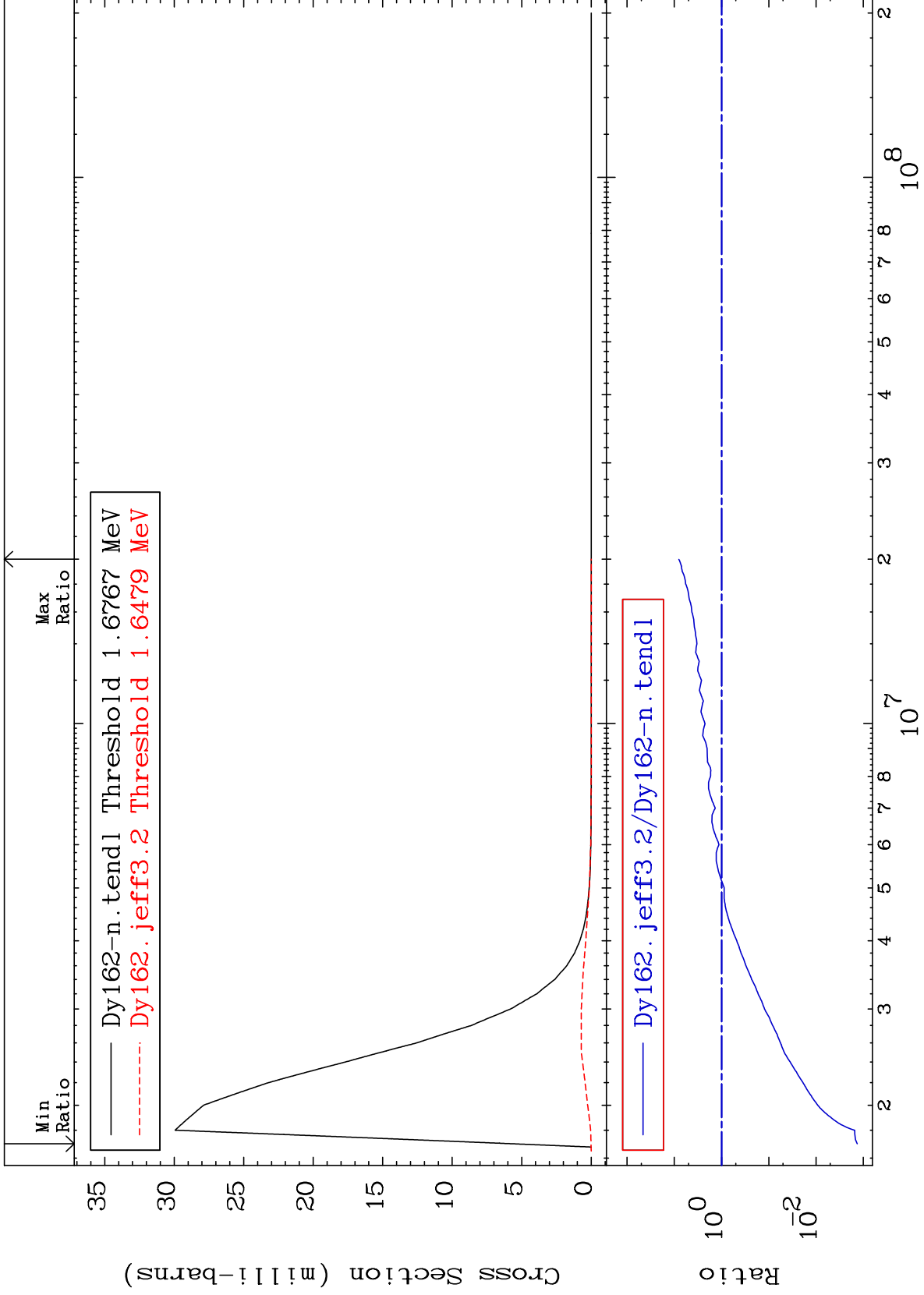
66-Dy-162
-100.0 To 9999. %



MAT 6643

1.666 MeV (n,n') Level
Cross Section

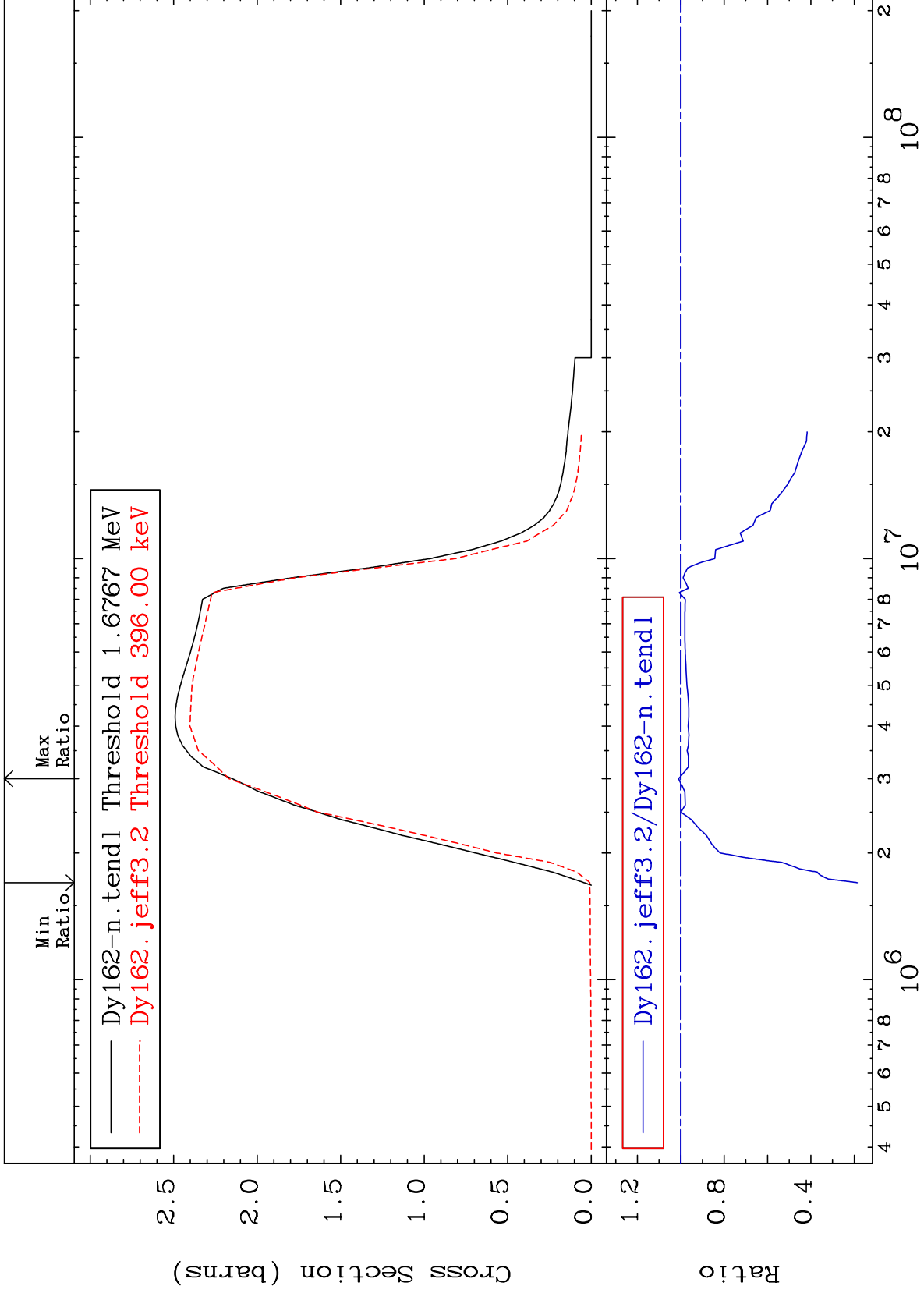
66-Dy-162
-99.87 To 710.1 %



MAT 6643

(n, n') Continuum
Cross Section

66-Dy-162
-81.38 To 1.003 %



40

66-Dy-162

66-Dy-162

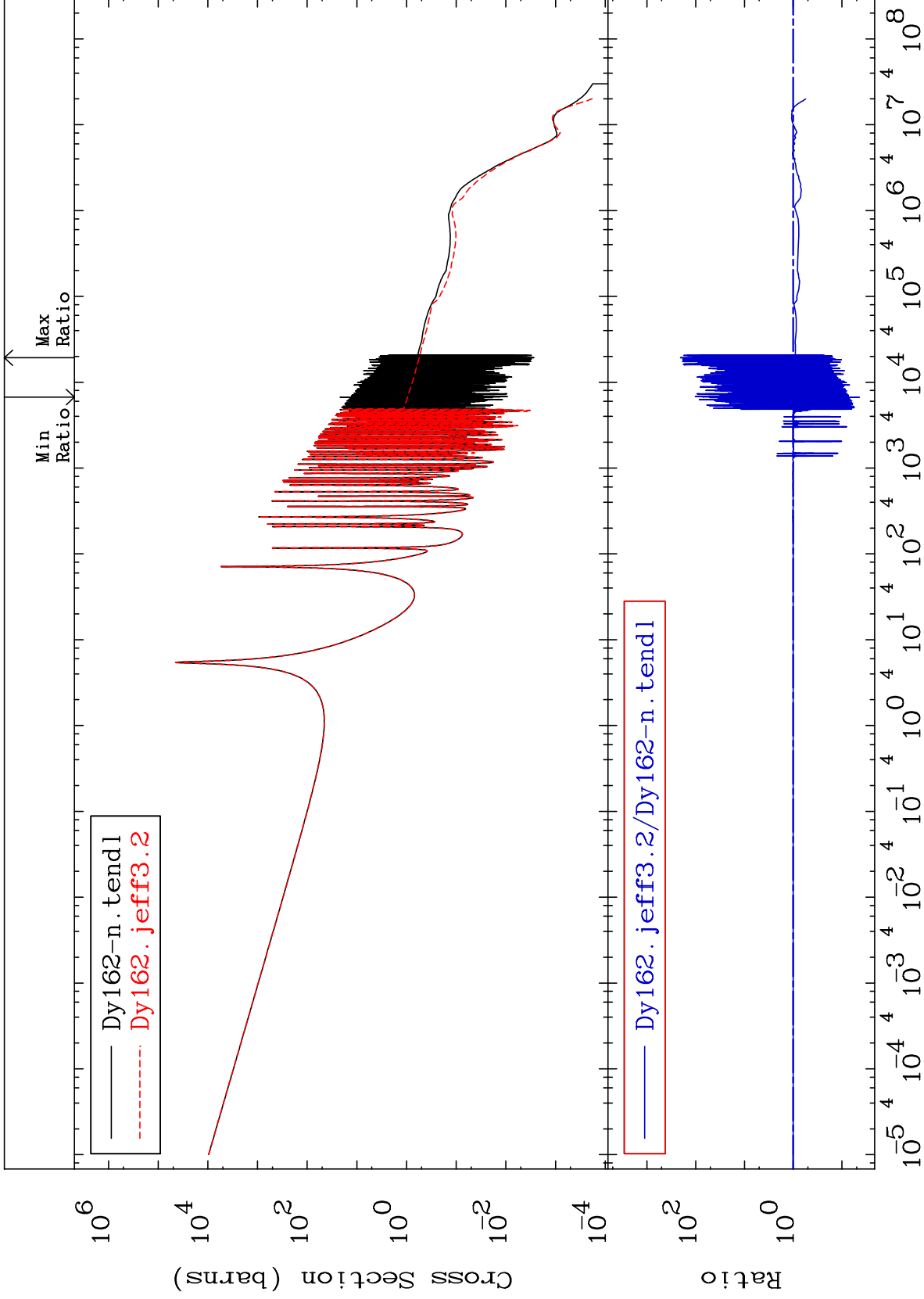
MAT 6643

(n, γ)

66-Dy-162

Cross Section

-95.61 To 9999. %



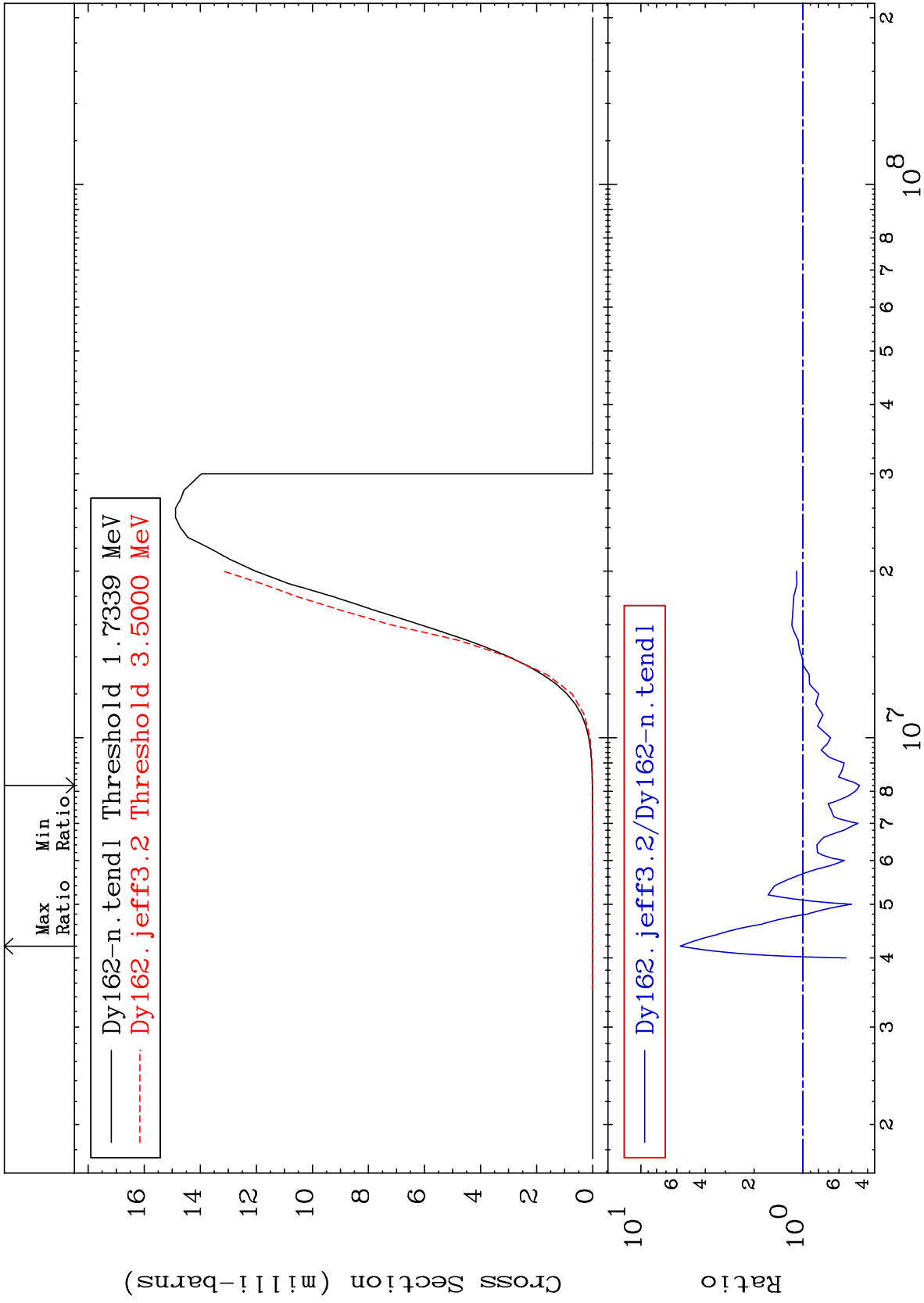
MAT 6643

(n,p)

66-Dy-162

Cross Section

-55.17 To 470.6 %



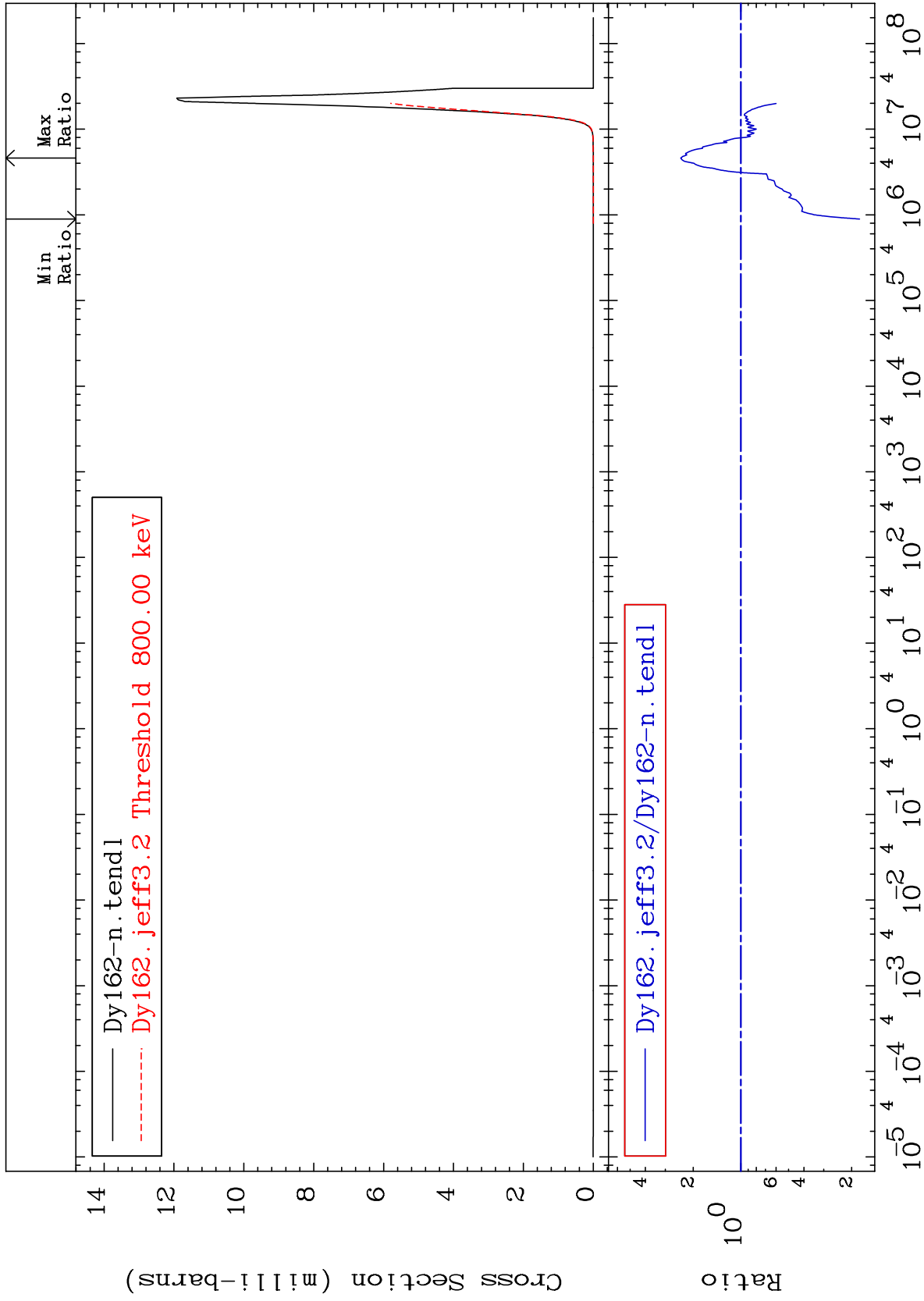
MAT 6643

(n, α)

66-Dy-162

Cross Section

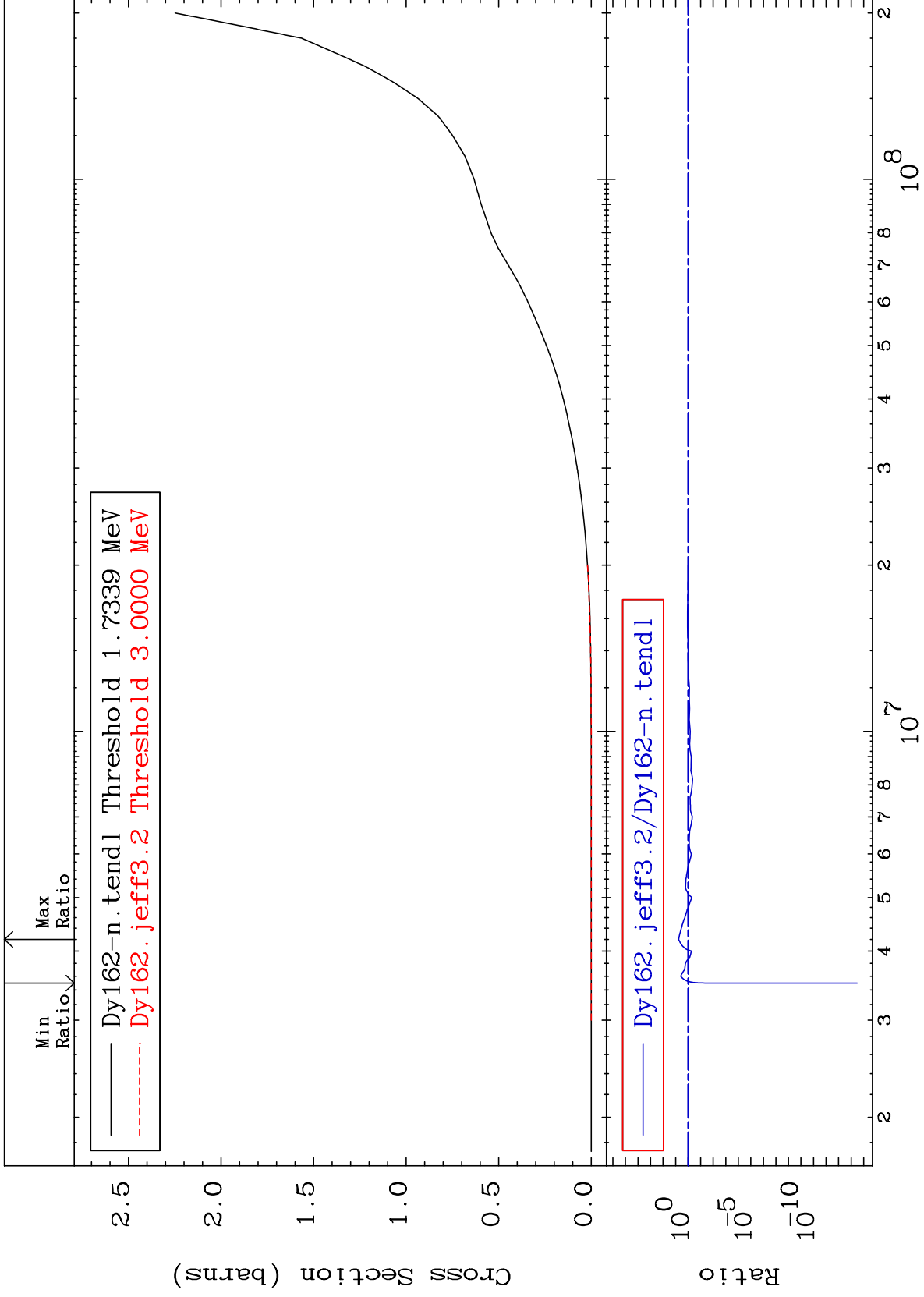
-82.18 To 139.3 %



MAT 6643

Hydrogen Production
Cross Section

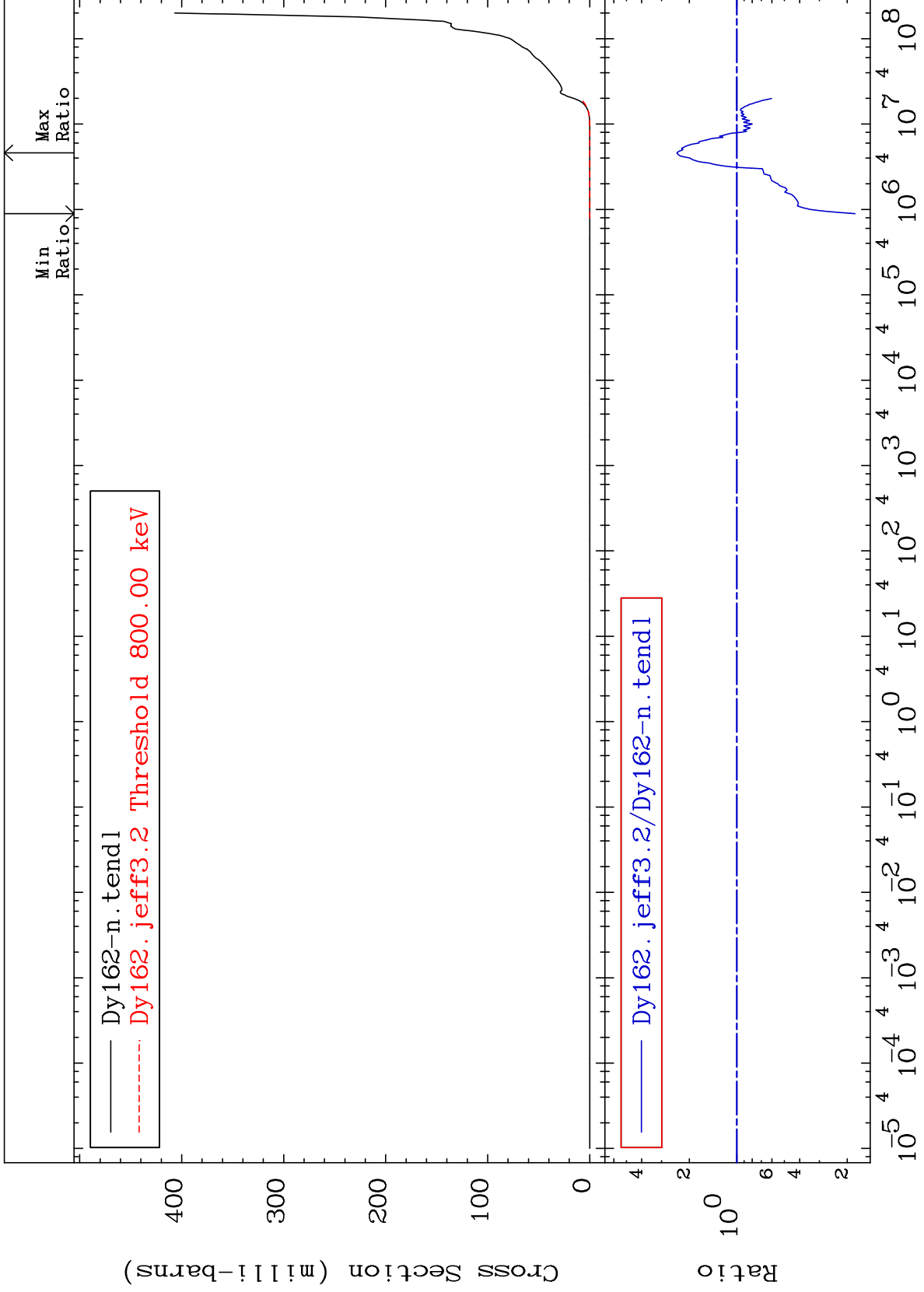
66-Dy-162
-100.0 To 470.6 %



MAT 6643

He-4 Production
Cross Section

66-Dy-162
-82.18 To 139.3 %



45

Incident Energy (eV)

66-Dy-162

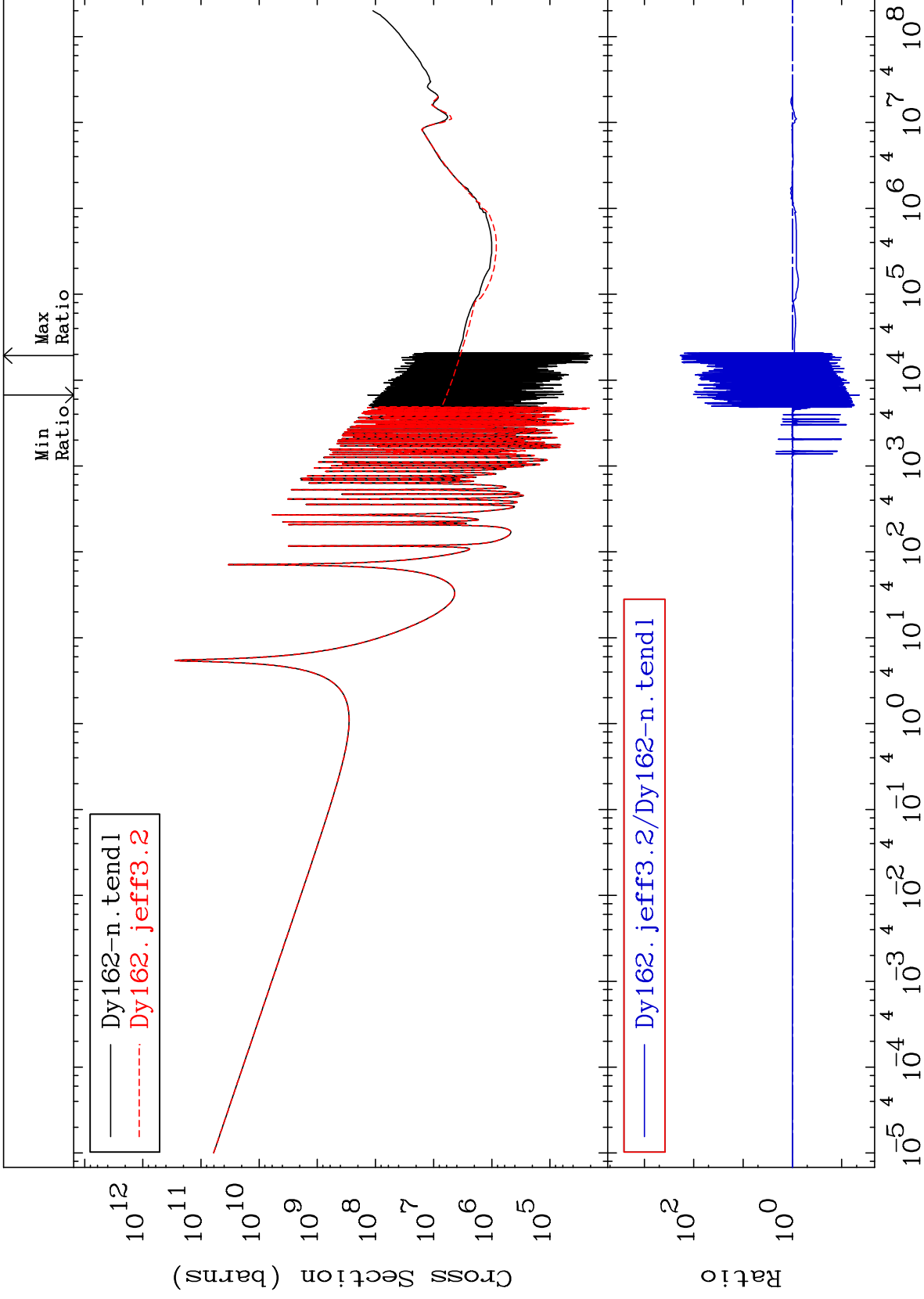
MAT 6643

Kerma total (eV-barns)

66-Dy-162

Cross Section

-95.61 To 9999. %



46

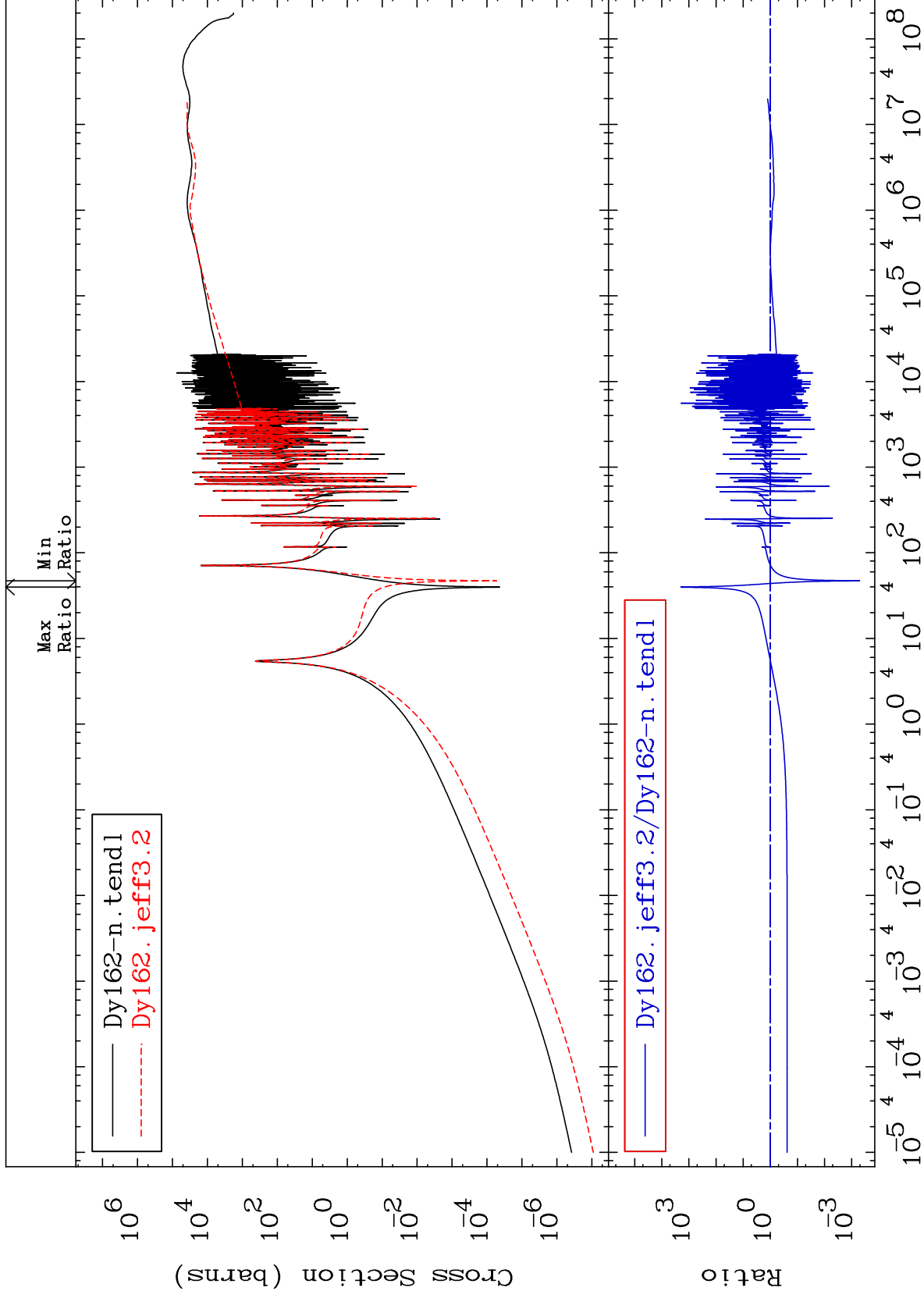
Incident Energy (eV)

66-Dy-162

MAT 6643

Kerma elastic
Cross Section

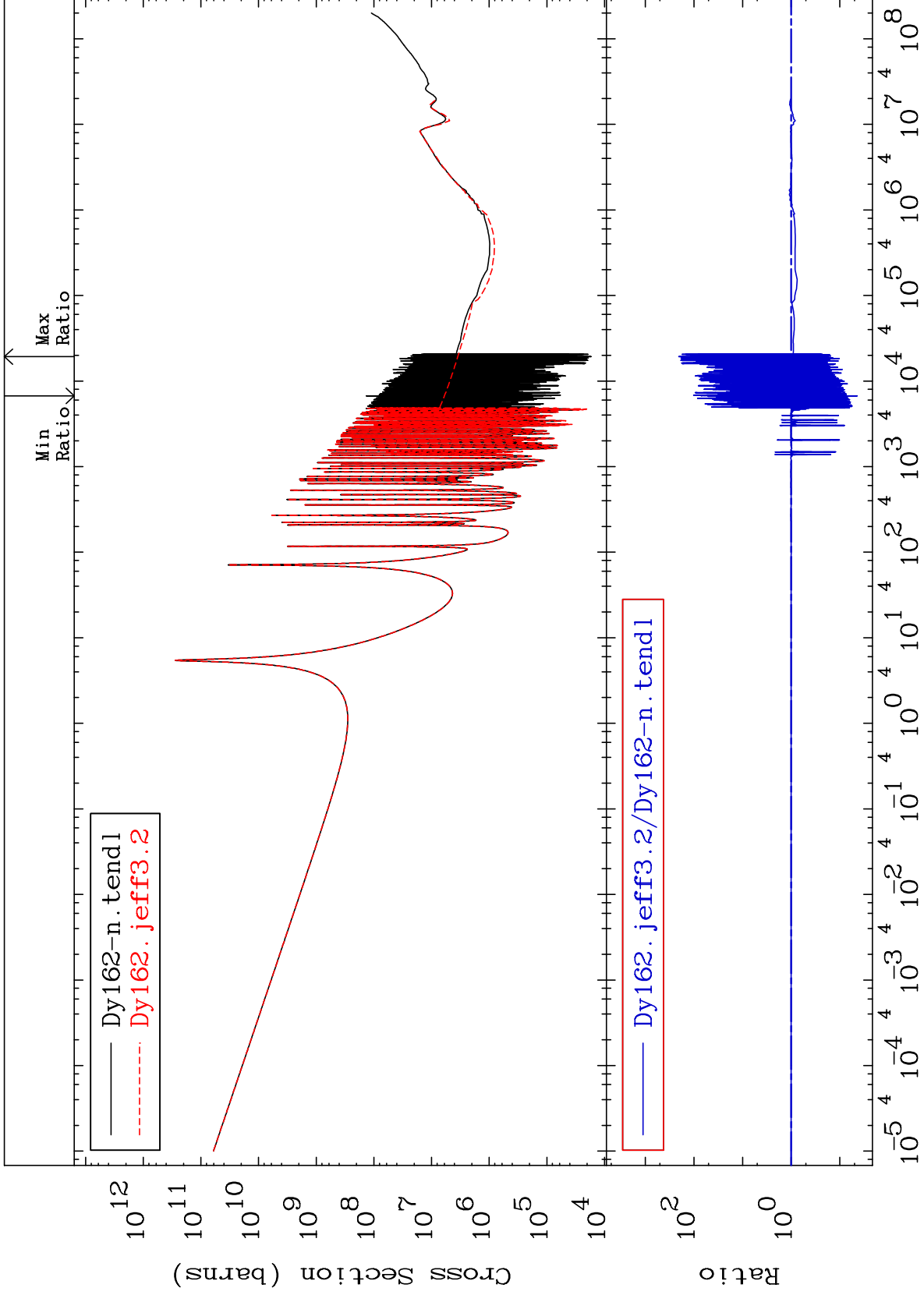
66-Dy-162
-99.95 To 9999. %



MAT 6643

Kerma non-elastic (all but mt2)
Cross Section

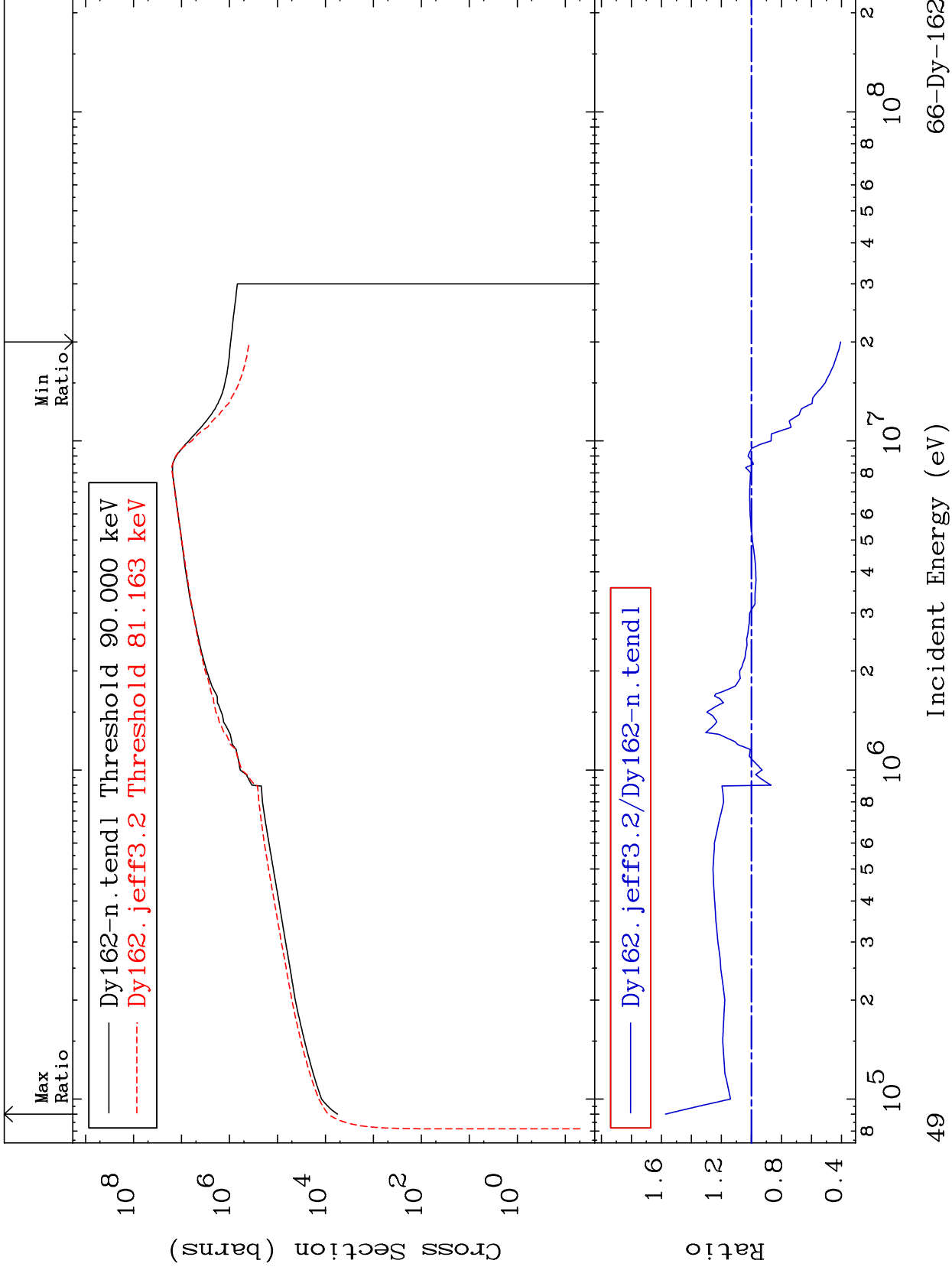
66-Dy-162
-95.61 To 9999. %



MAT 6643

Kerma inelastic (mt51-91)
Cross Section

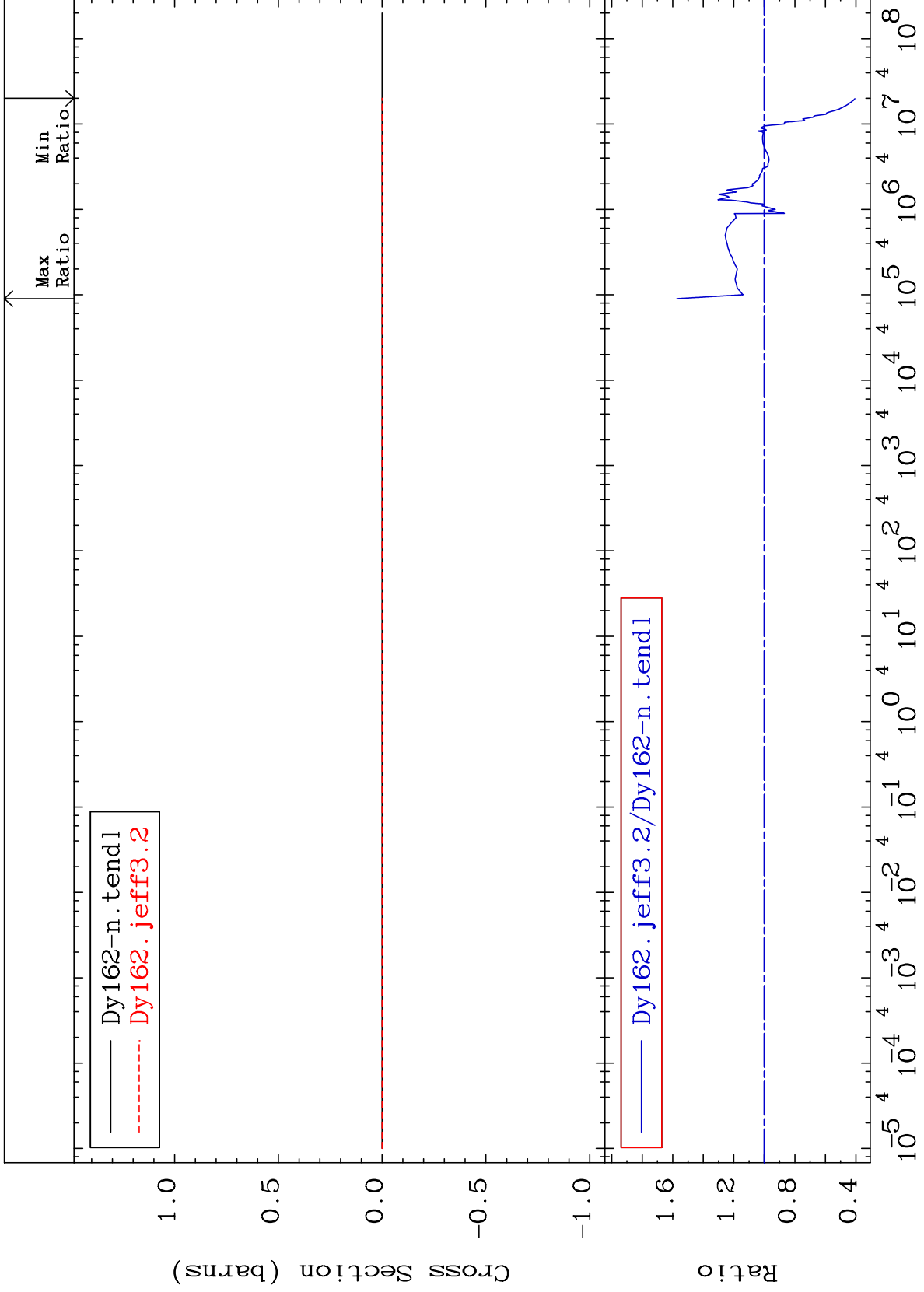
66-Dy-162
-59.47 To 57.26 %



MAT 6643

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

66-Dy-162
-59.47 To 57.26 %



50

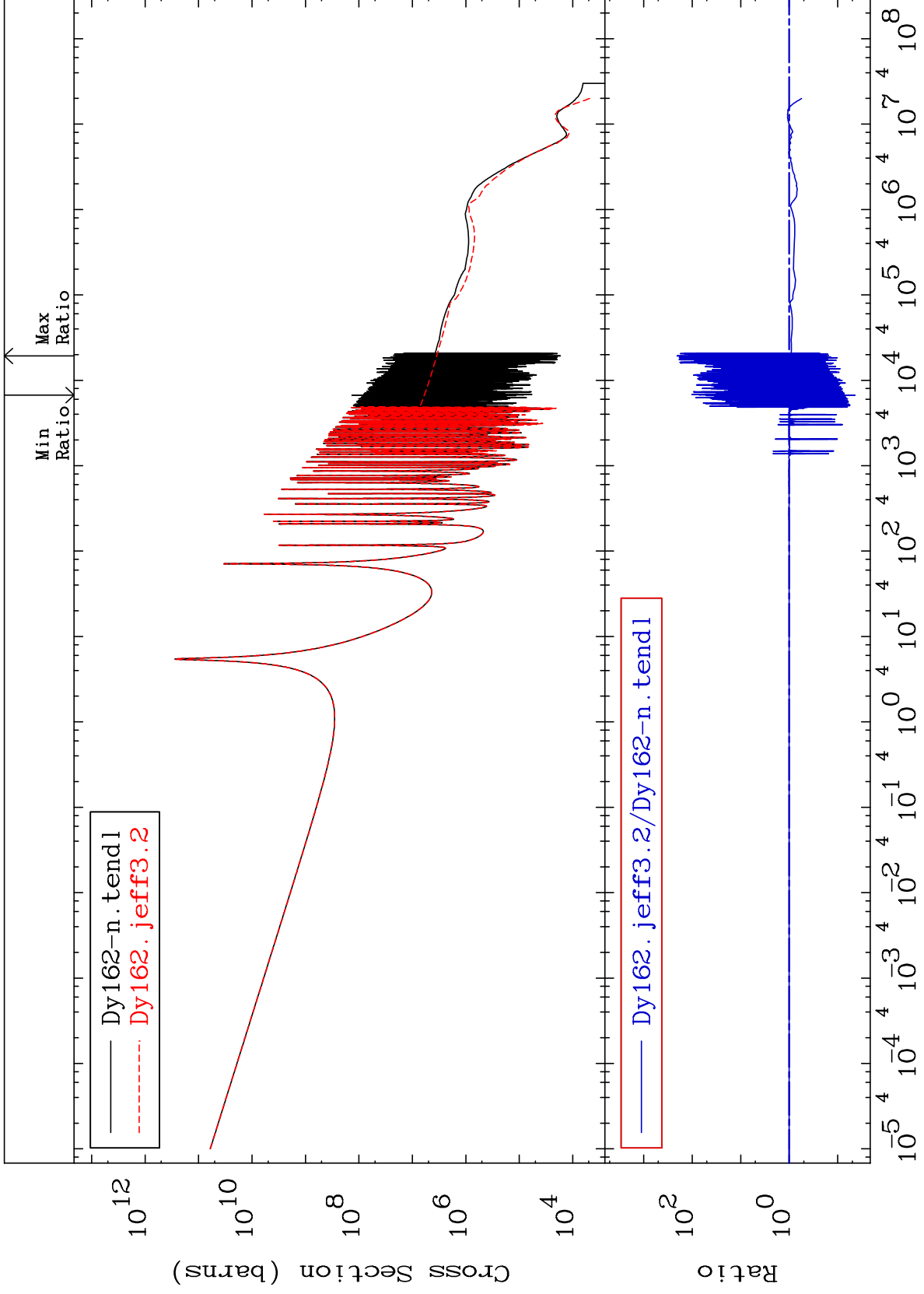
Incident Energy (eV)

66-Dy-162

MAT 6643

Kerma capture (mt102)
Cross Section

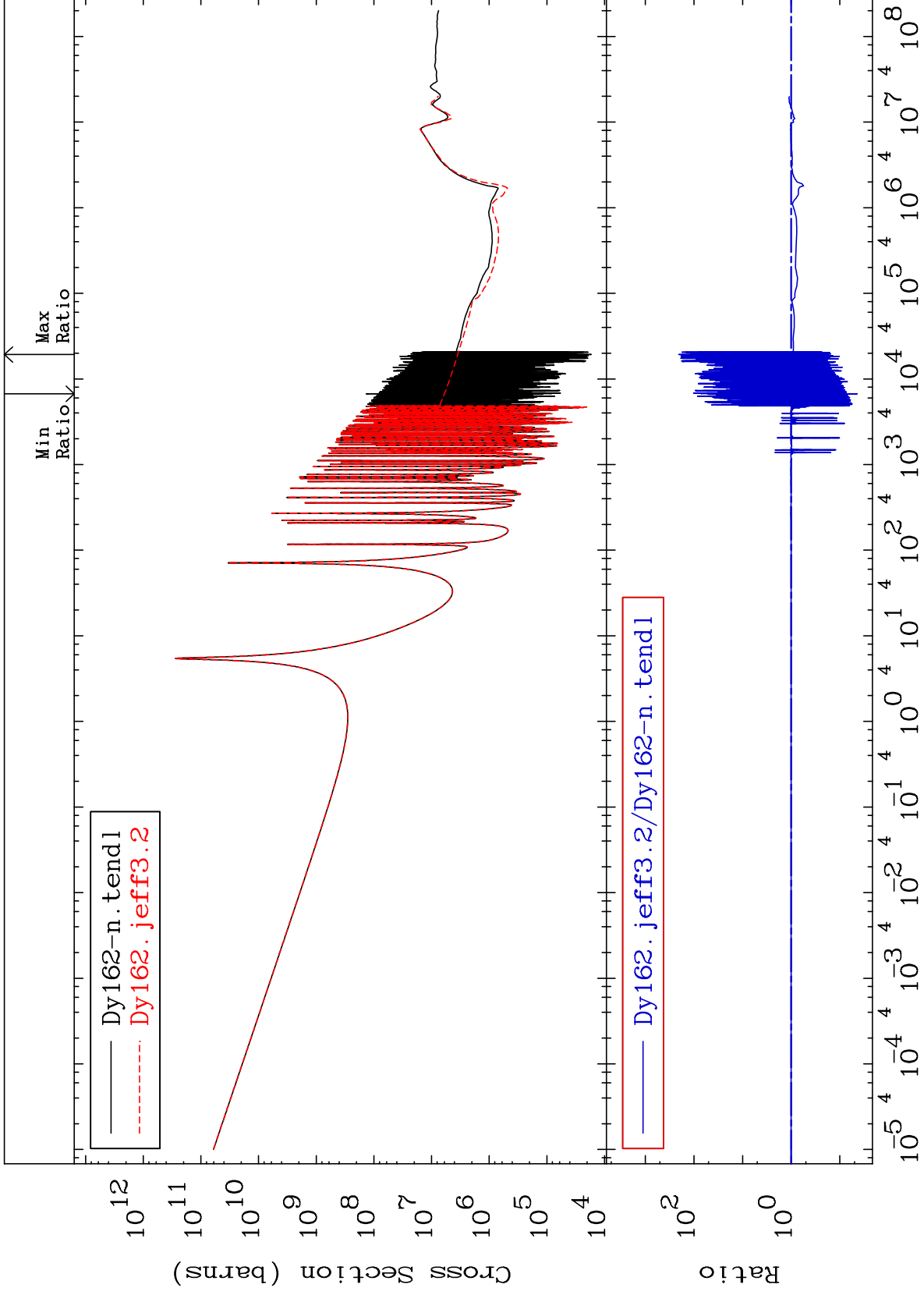
66-Dy-162
-95.61 To 9999. %



MAT 6643

Total photon (eV-barns)
Cross Section

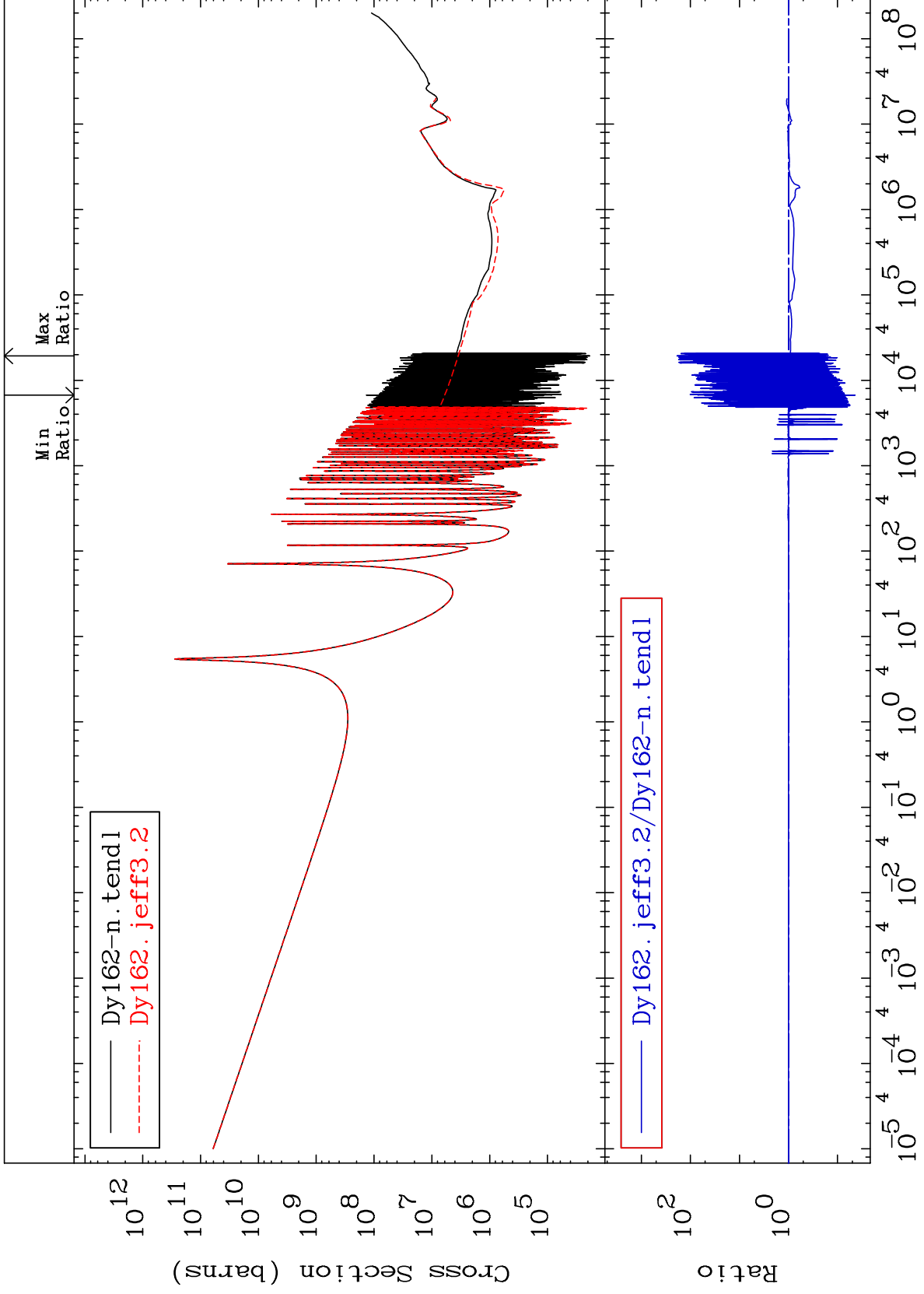
66-Dy-162
-95.61 To 9999. %



52

Incident Energy (eV)

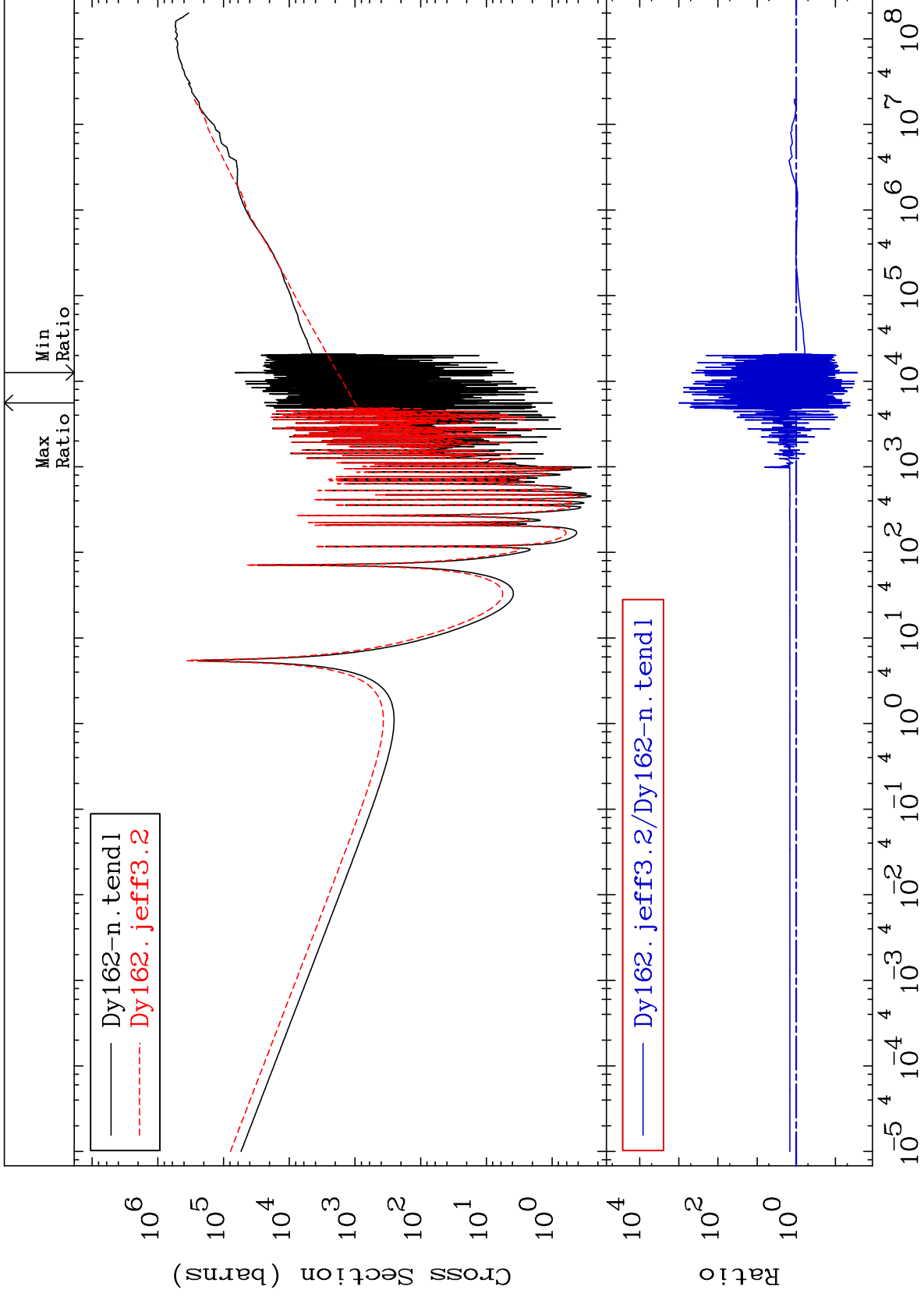
66-Dy-162



MAT 6643

Dpa total (eV-barns)
Cross Section

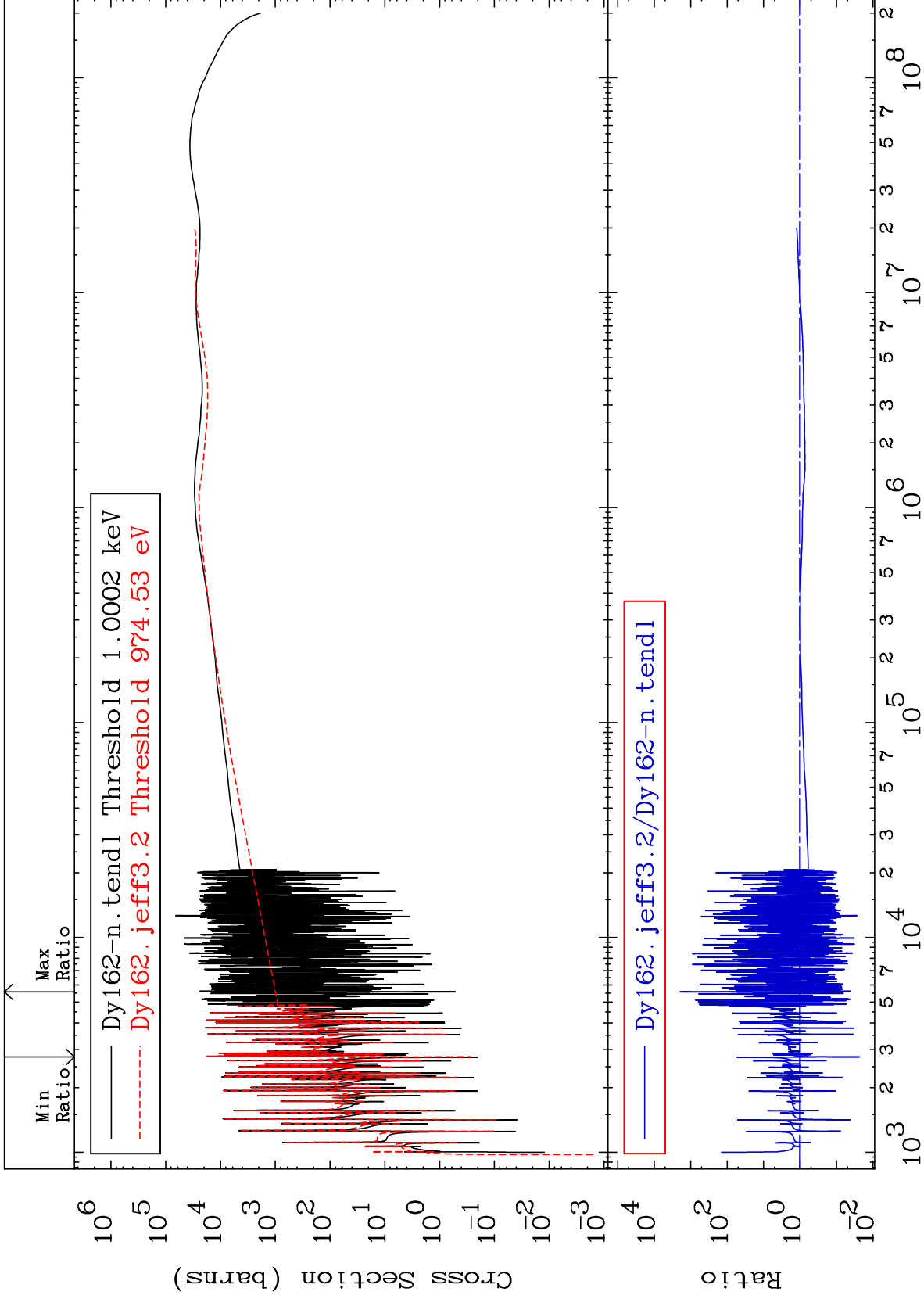
66-Dy-162
-97.23 To 9999. %



MAT 6643

Dpa elastic (mt2)
Cross Section

66-Dy-162
-97.64 To 9999. %



55

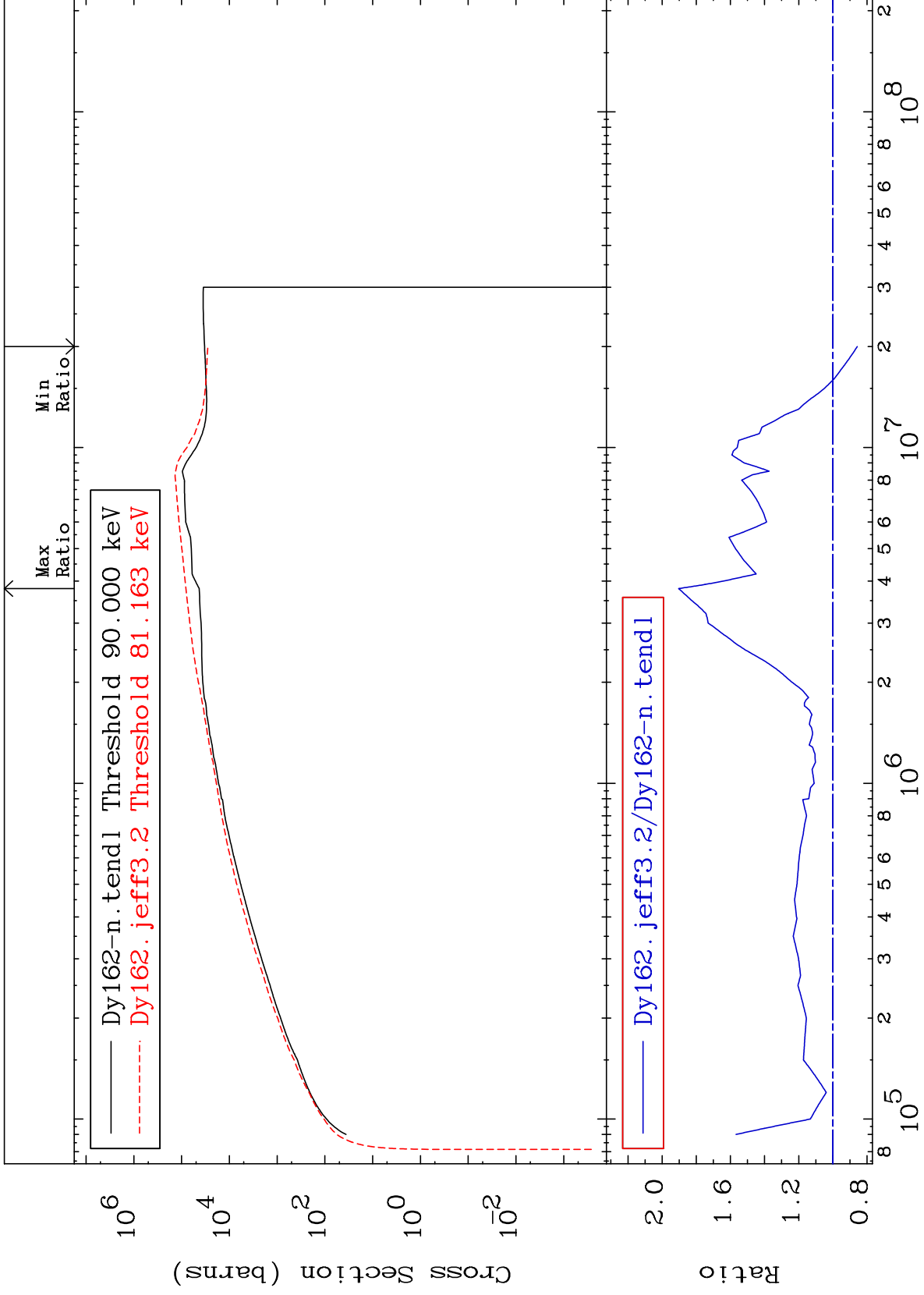
Incident Energy (eV)

66-Dy-162

MAT 6643

Dpa inelastic (mt51-91)
Cross Section

66-Dy-162
-14.28 To 90.32 %



56

Incident Energy (eV)

66-Dy-162

MAT 6643

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-162
-93.62 To 9999. %

