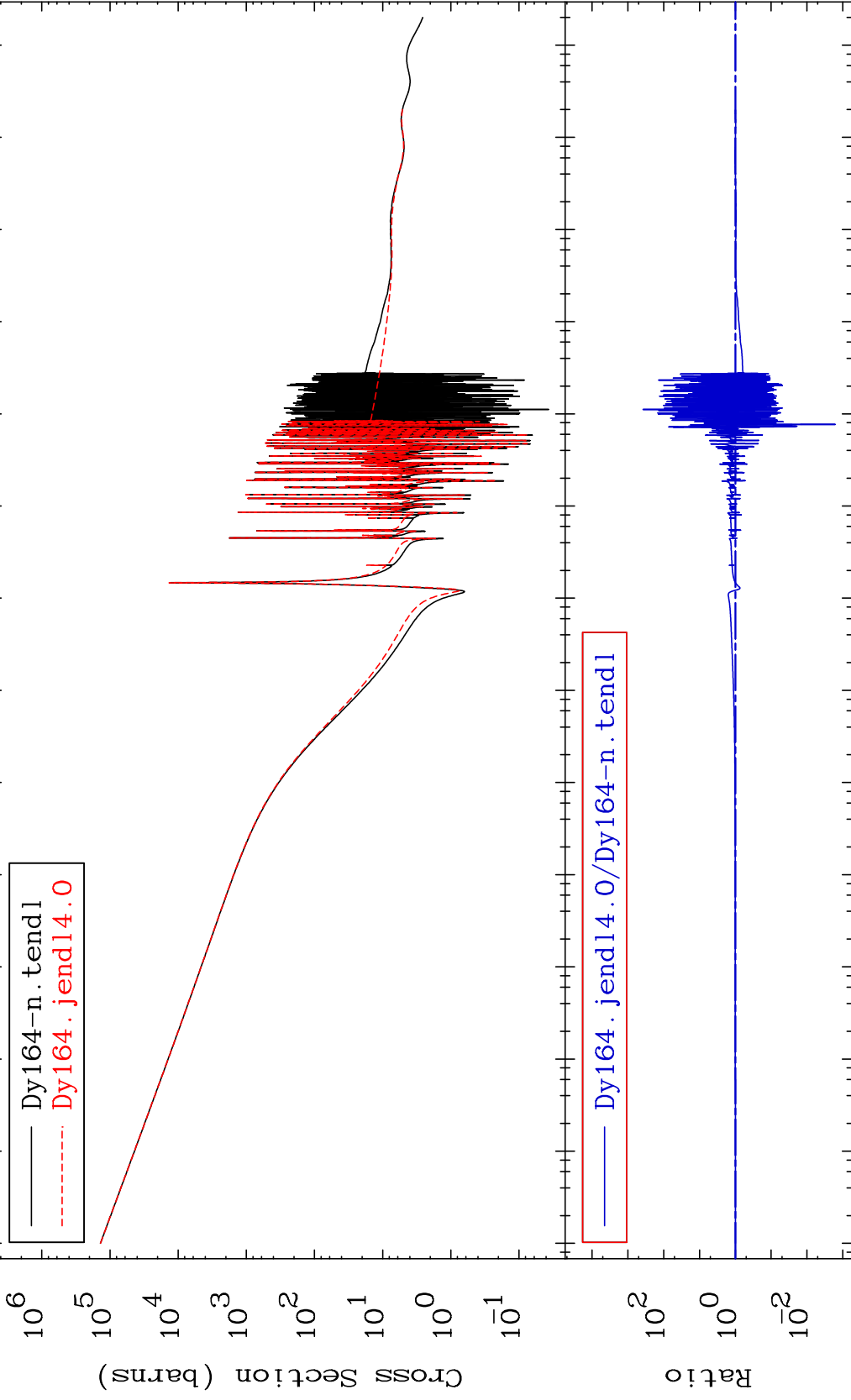


MAT 6649

Total
Cross Section

66-Dy-164
-99.84 To 9999. %



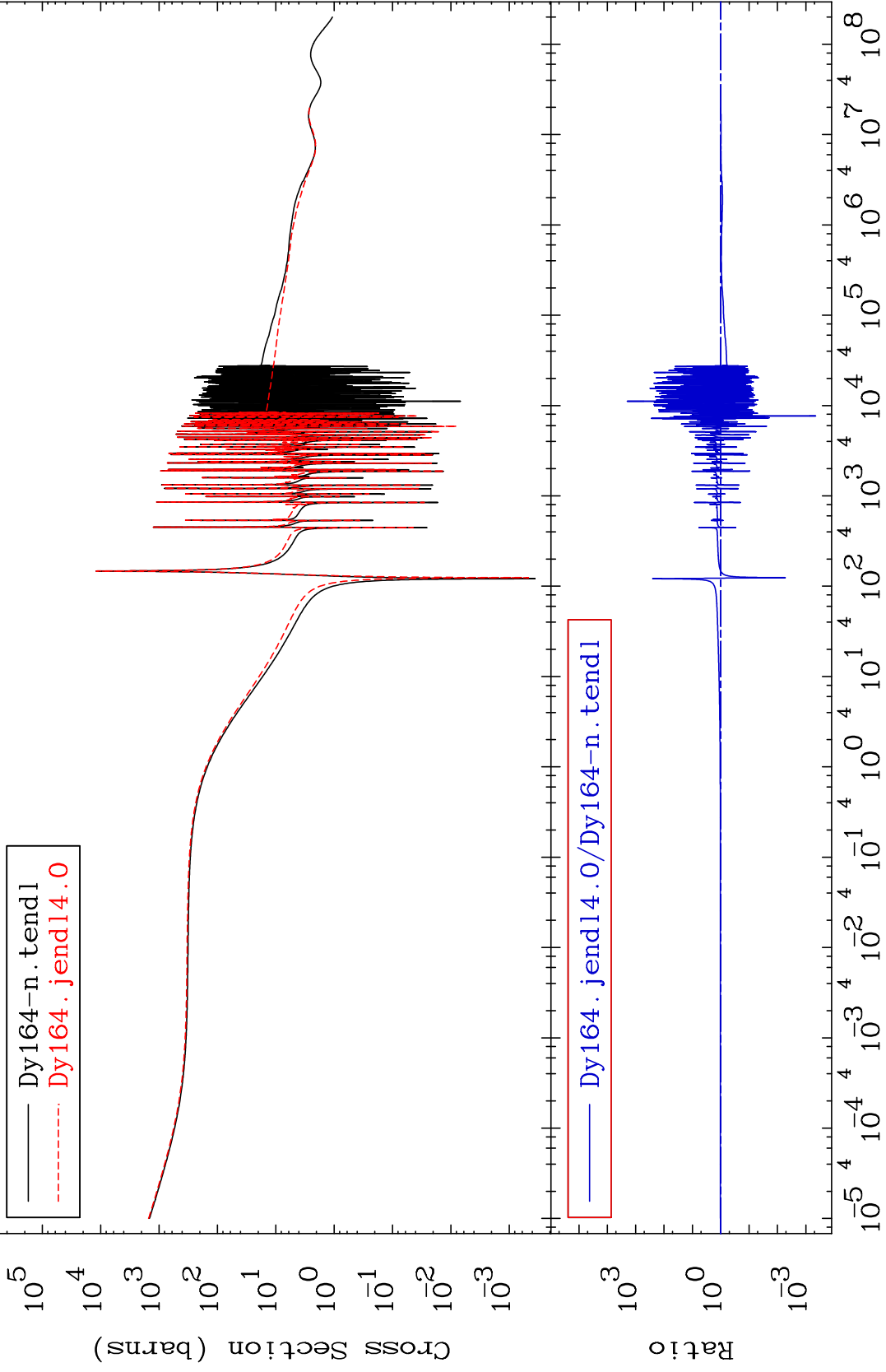
Incident Energy (eV)

66-Dy-164

MAT 6649

Elastic
Cross Section

66-Dy-164
-99.95 To 9999. %



Incident Energy (eV)

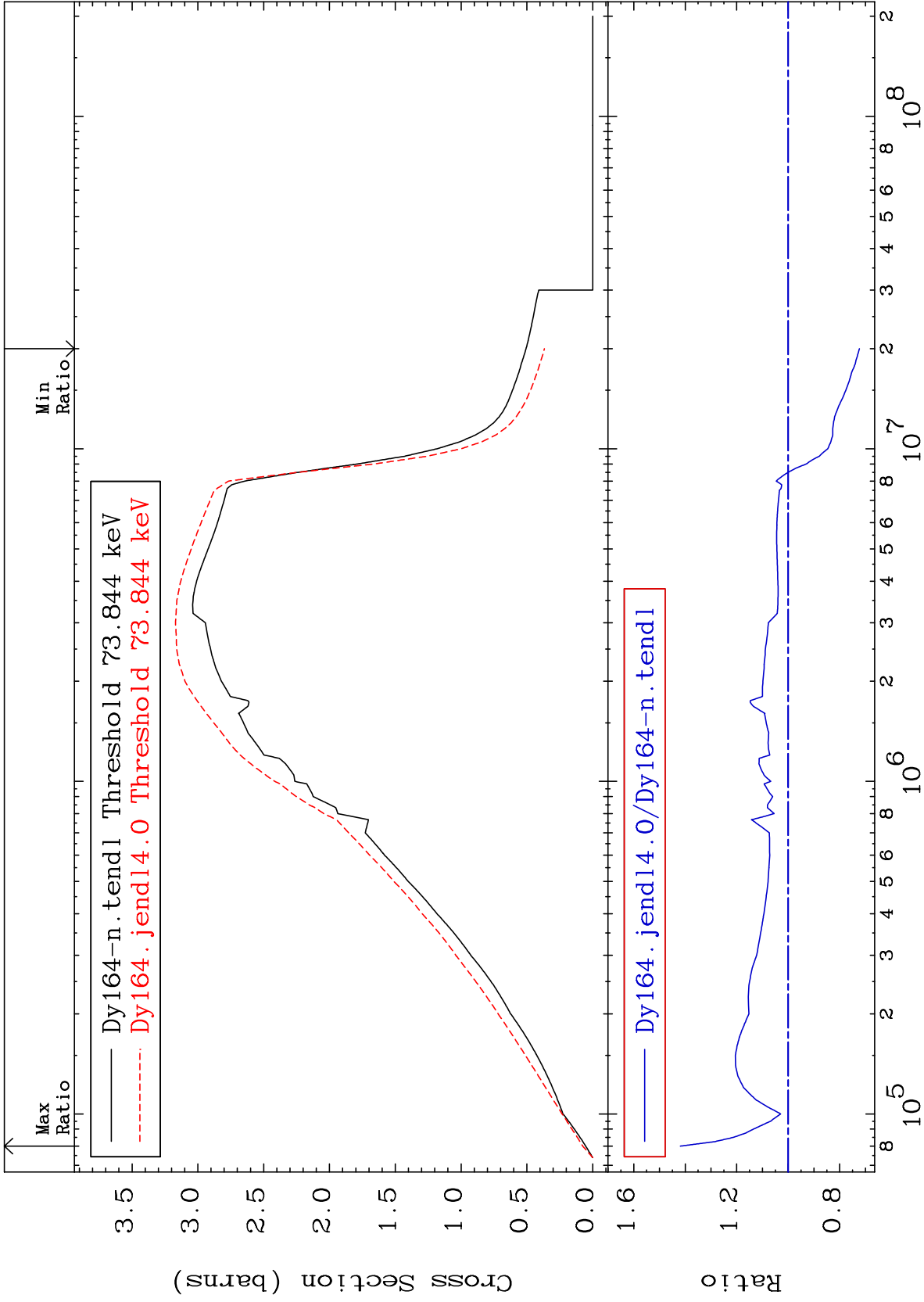
66-Dy-164

2

MAT 6649

Inelastic
Cross Section

66-Dy-164
-27.67 To 41.89 %



3

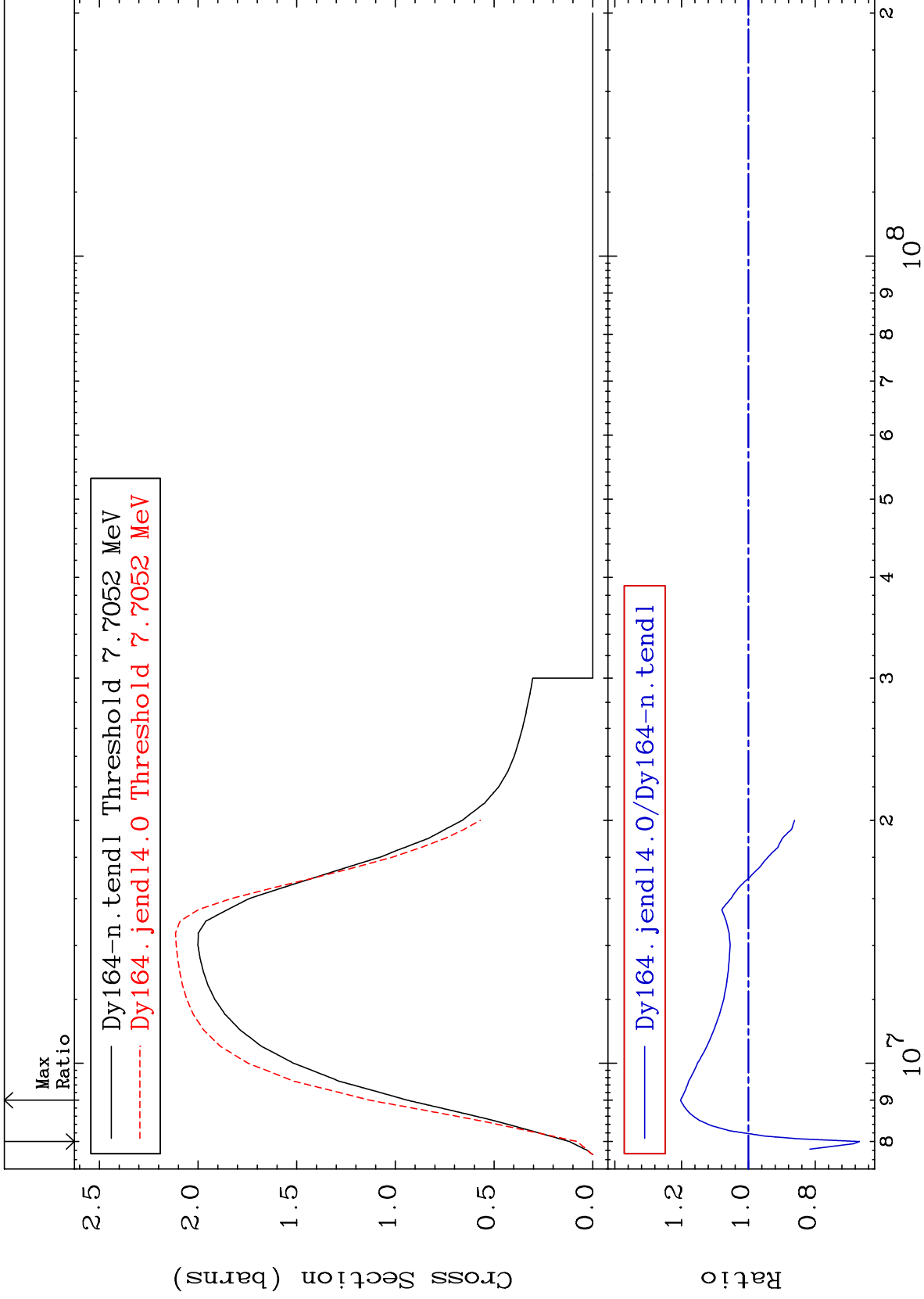
Incident Energy (eV)

66-Dy-164

MAT 6649

(n,2n)
Cross Section

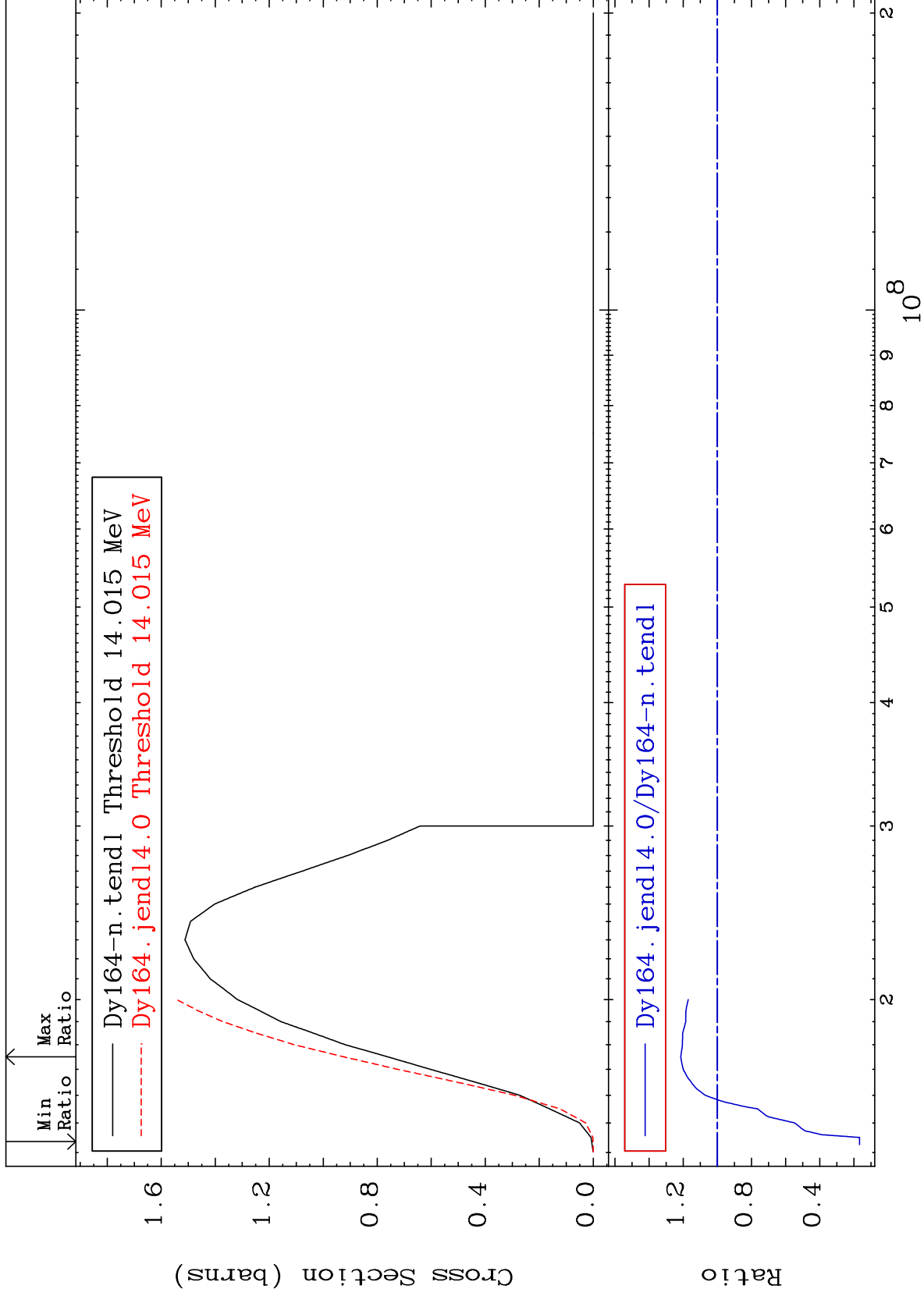
66-Dy-164
-33.24 To 20.38 %



4

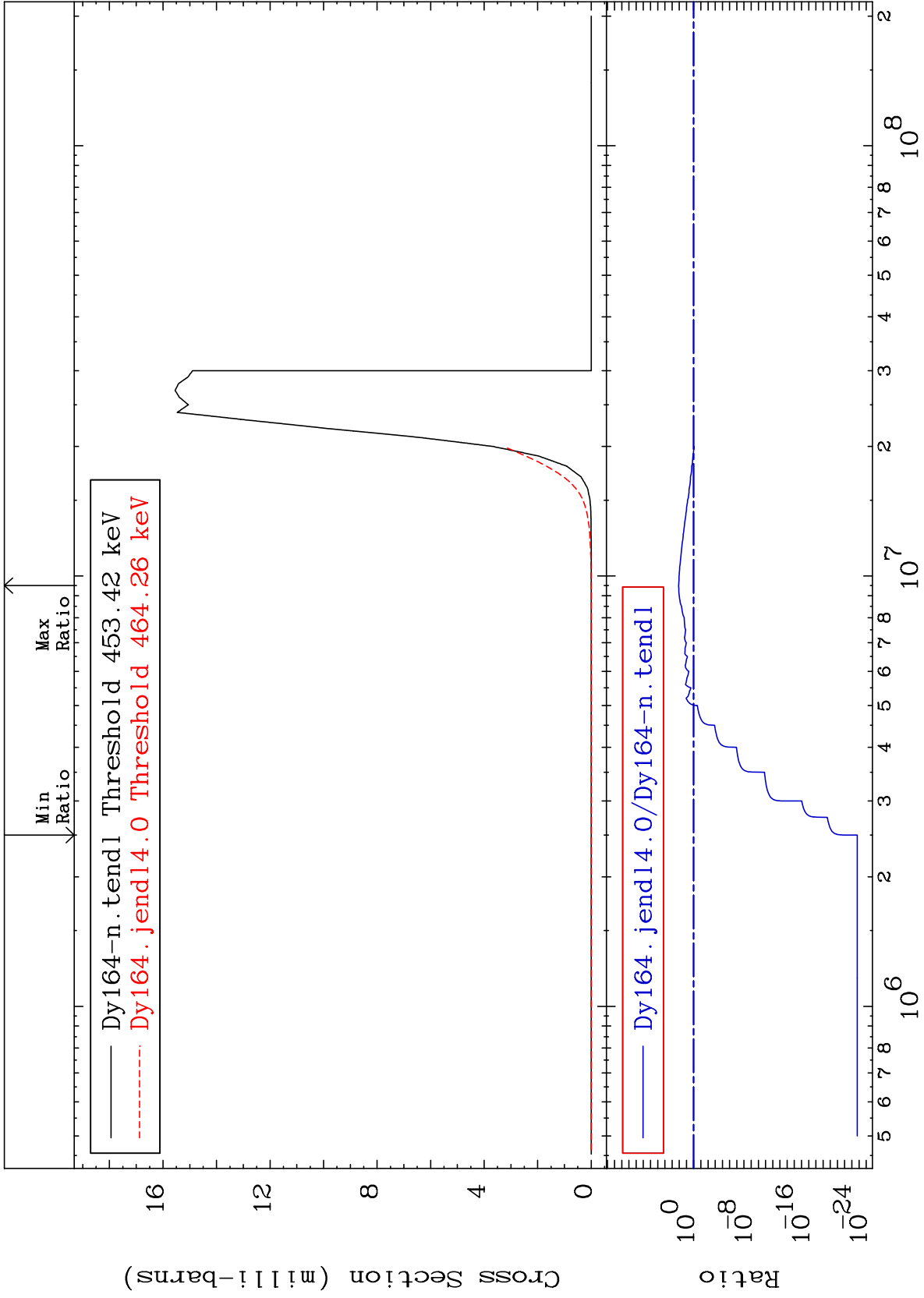
Incident Energy (eV)

66-Dy-164



MAT 6649

(n, n') α
Cross Section
66-Dy-164
-100.0 To 9999. %



6

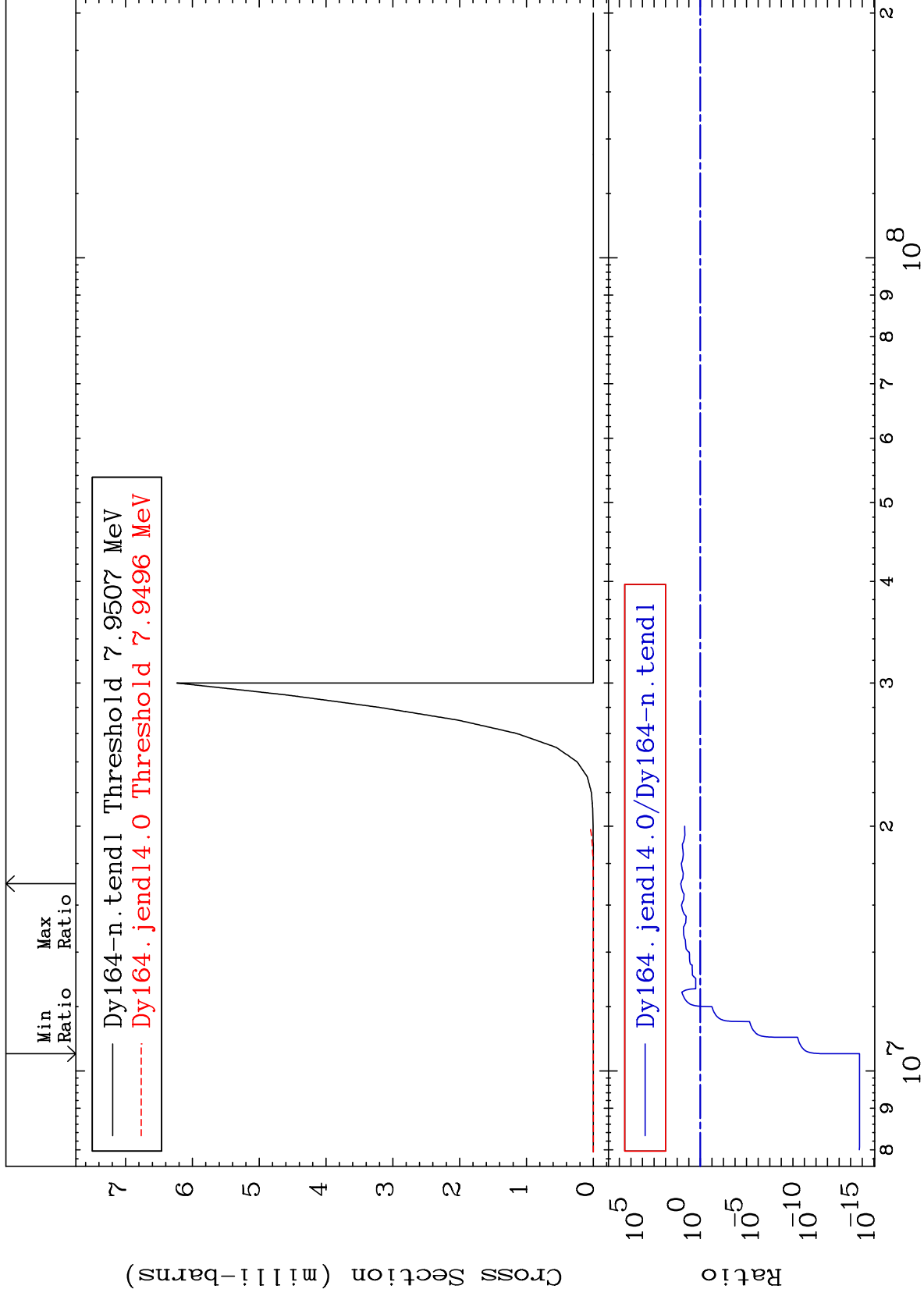
Incident Energy (eV)

66-Dy-164

MAT 6649

(n,2n) α
Cross Section

66-Dy-164
-100.0 To 4803. %



7

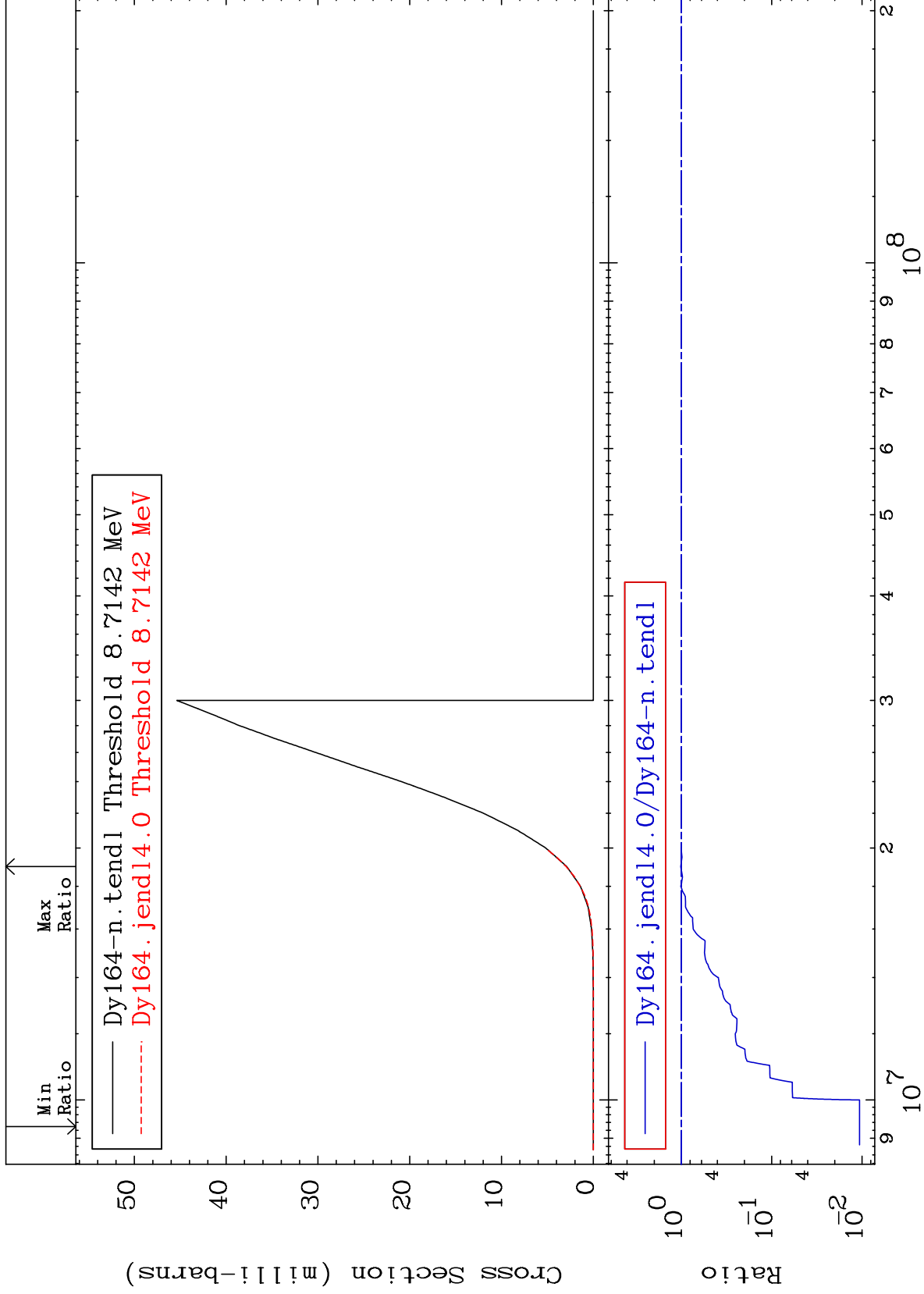
Incident Energy (eV)

66-Dy-164

MAT 6649

(n, n') p
Cross Section

66-Dy-164
-98.94 To 1.723 %

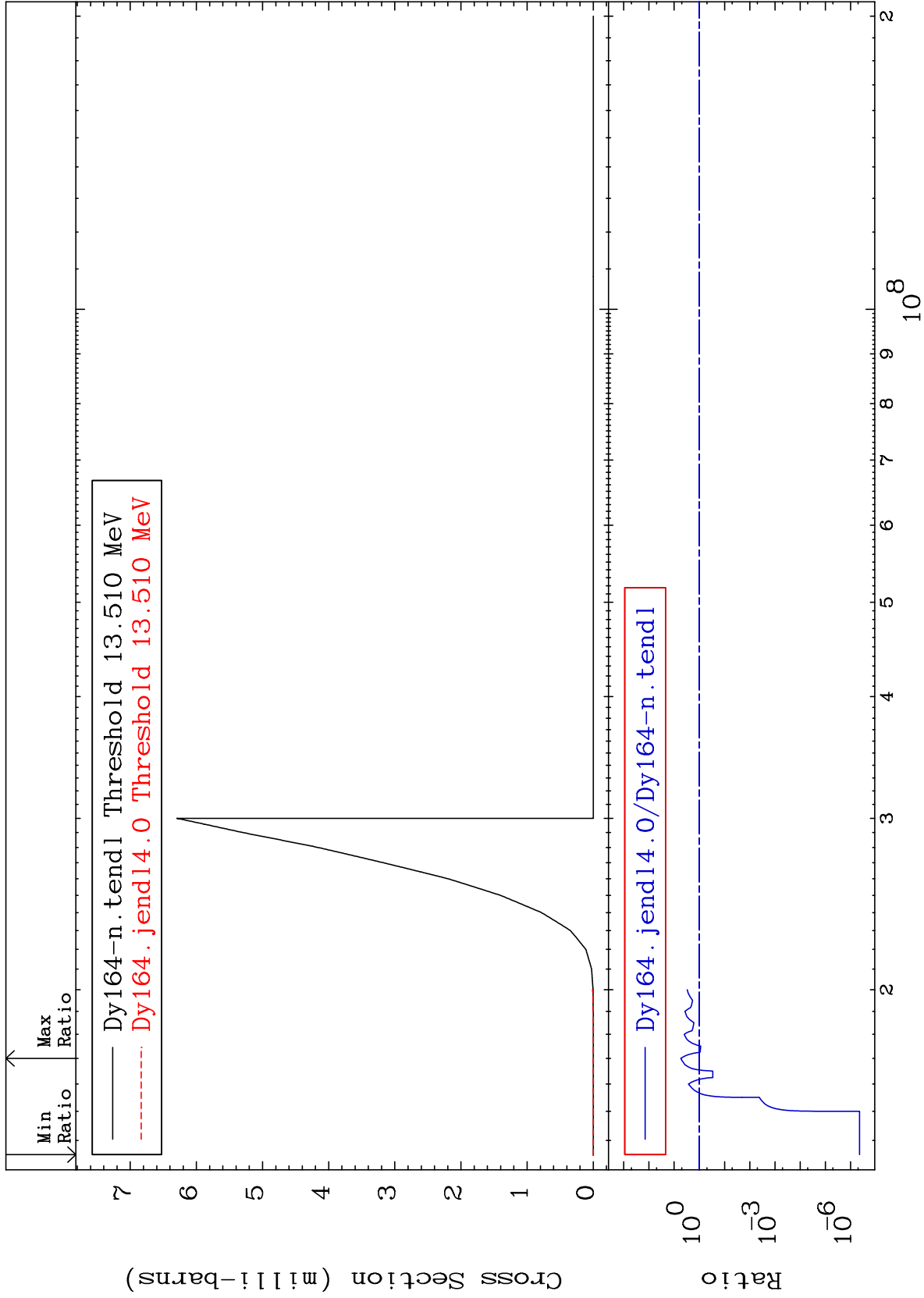


66-Dy-164

8

Cross Section

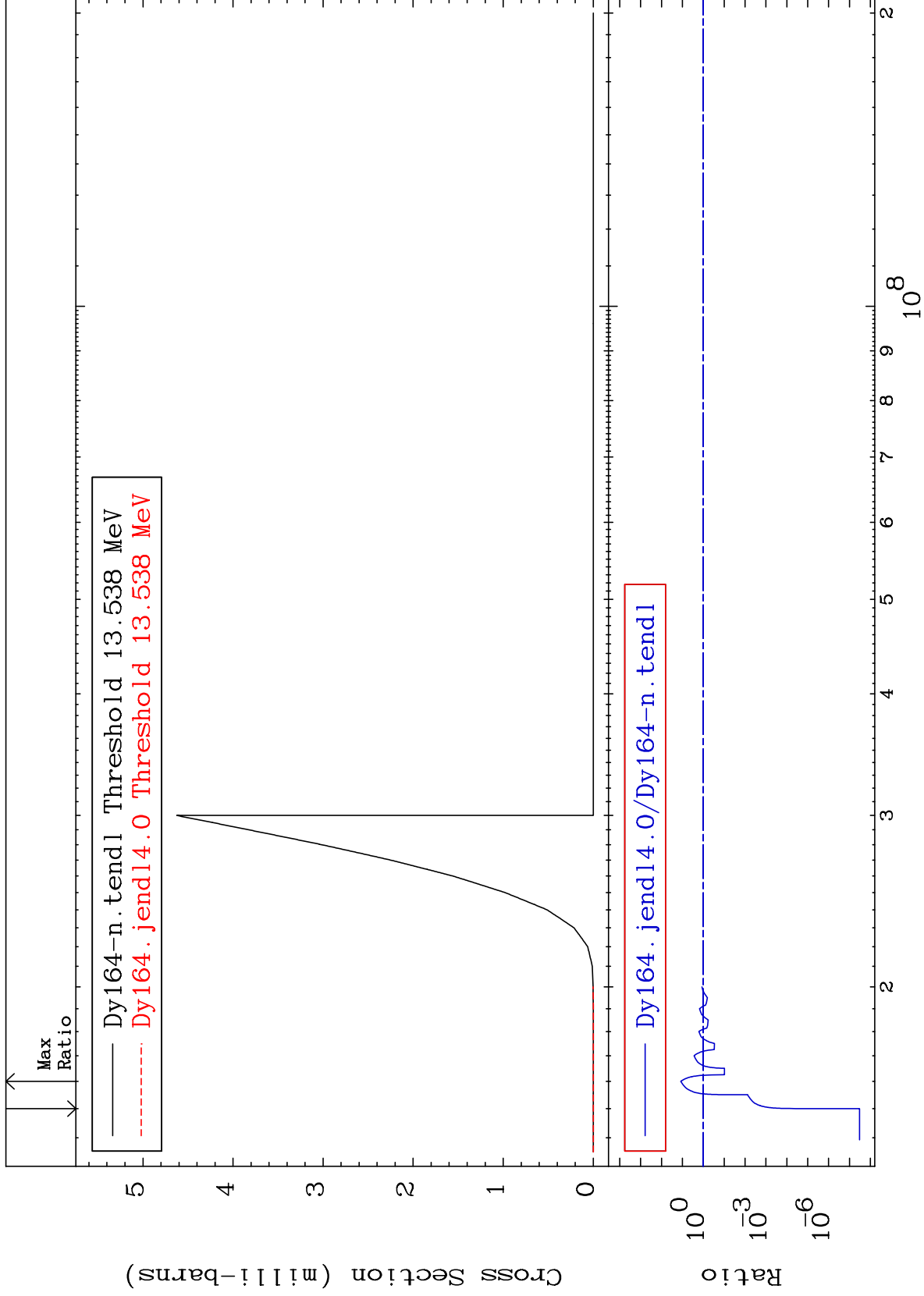
-100.0 To 445.9 %



MAT 6649

(n,n') t
Cross Section

66-Dy-164
-100.0 To 1100. %



10

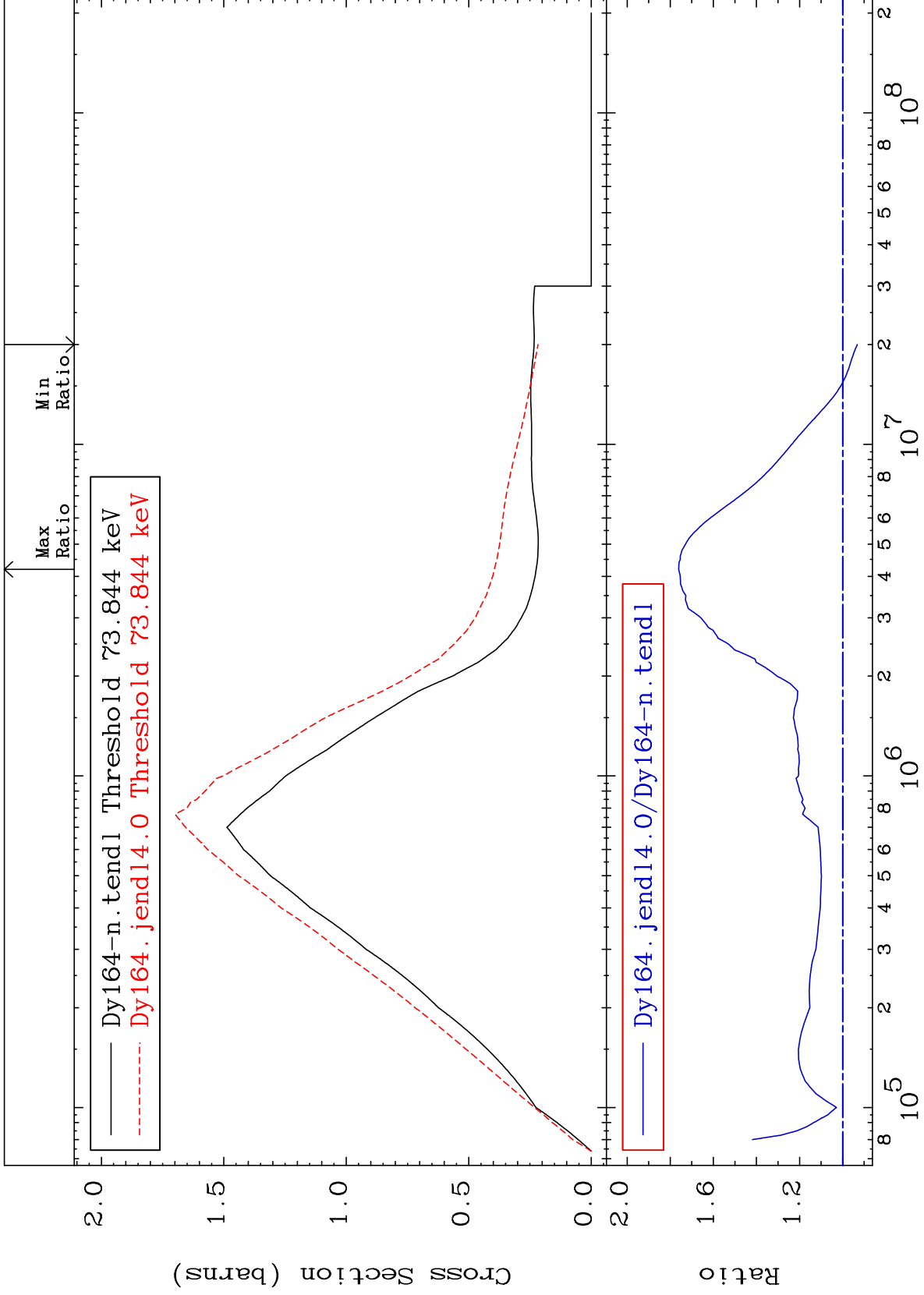
Incident Energy (eV)

66-Dy-164

MAT 6649

73.39 keV (n,n') Level
Cross Section

66-Dy-164
-6.779 To 76.11 %



11

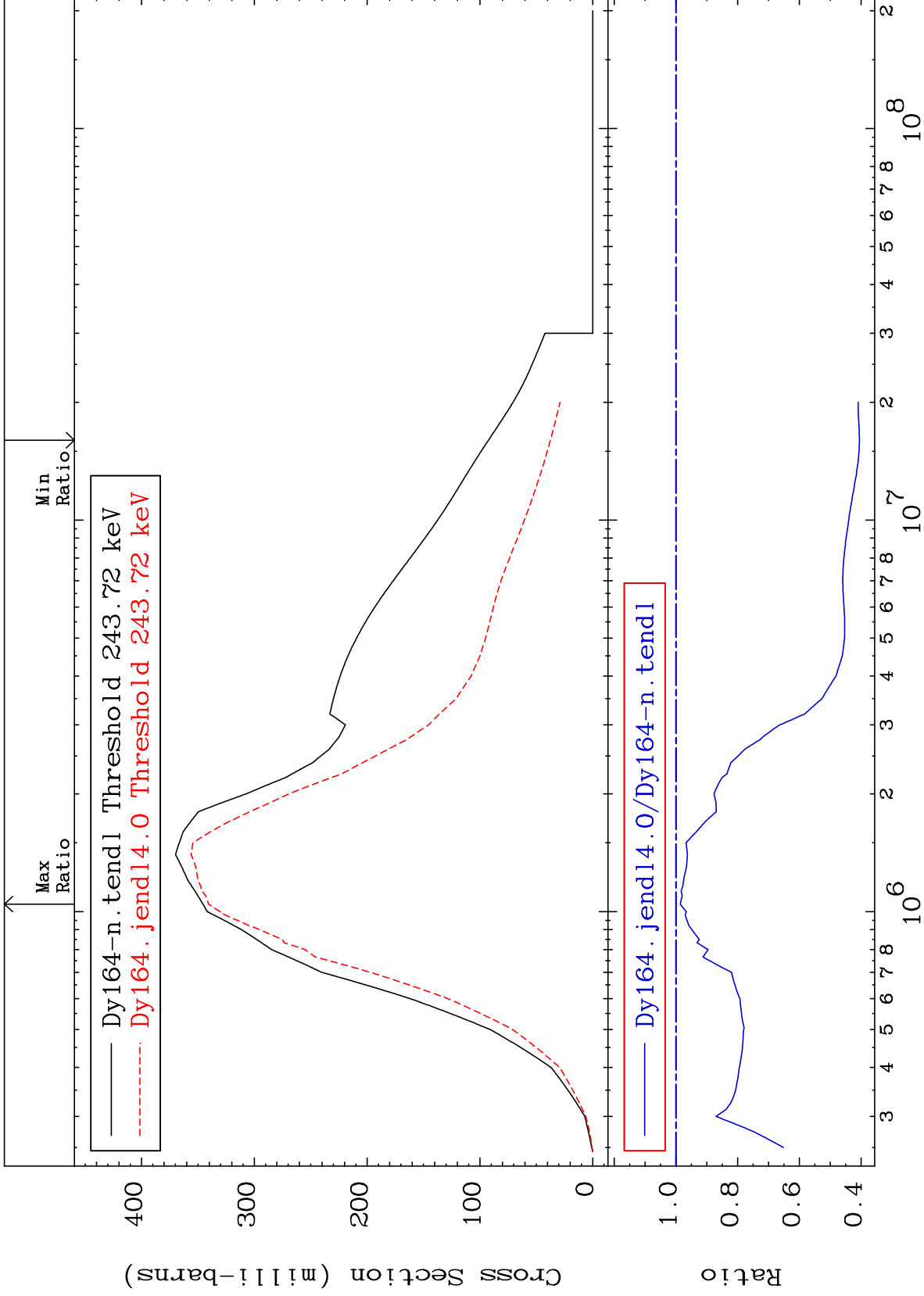
Incident Energy (eV)

66-Dy-164

MAT 6649

242.2 keV (n,n') Level
Cross Section

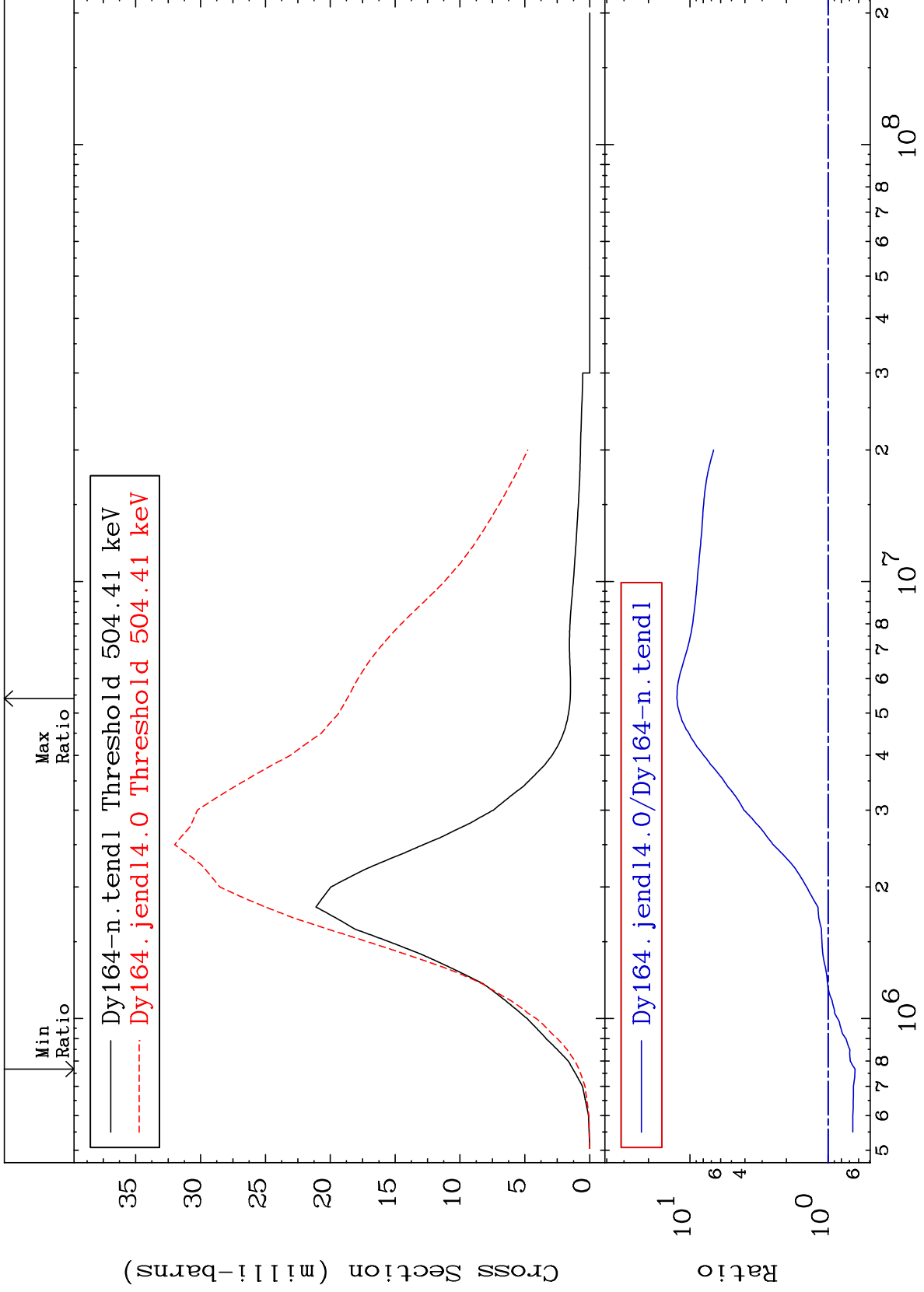
66-Dy-164
-59.46 To -1.453%



MAT 6649

501.3 keV (n,n') Level
Cross Section

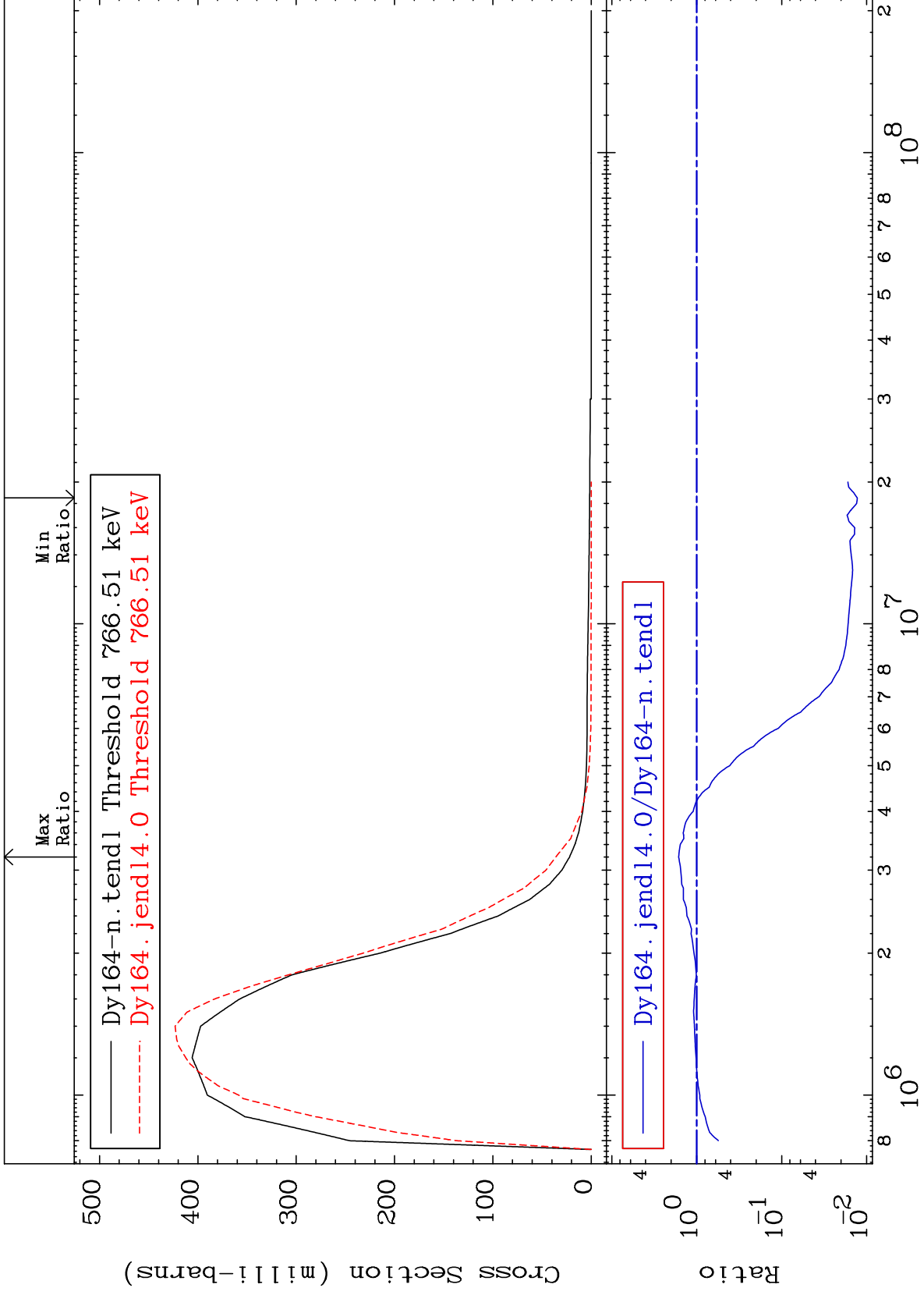
66-Dy-164
-36.30 To 1142. %



MAT 6649

761.8 keV (n,n') Level
Cross Section

66-Dy-164
-98.71 To 63.35 %



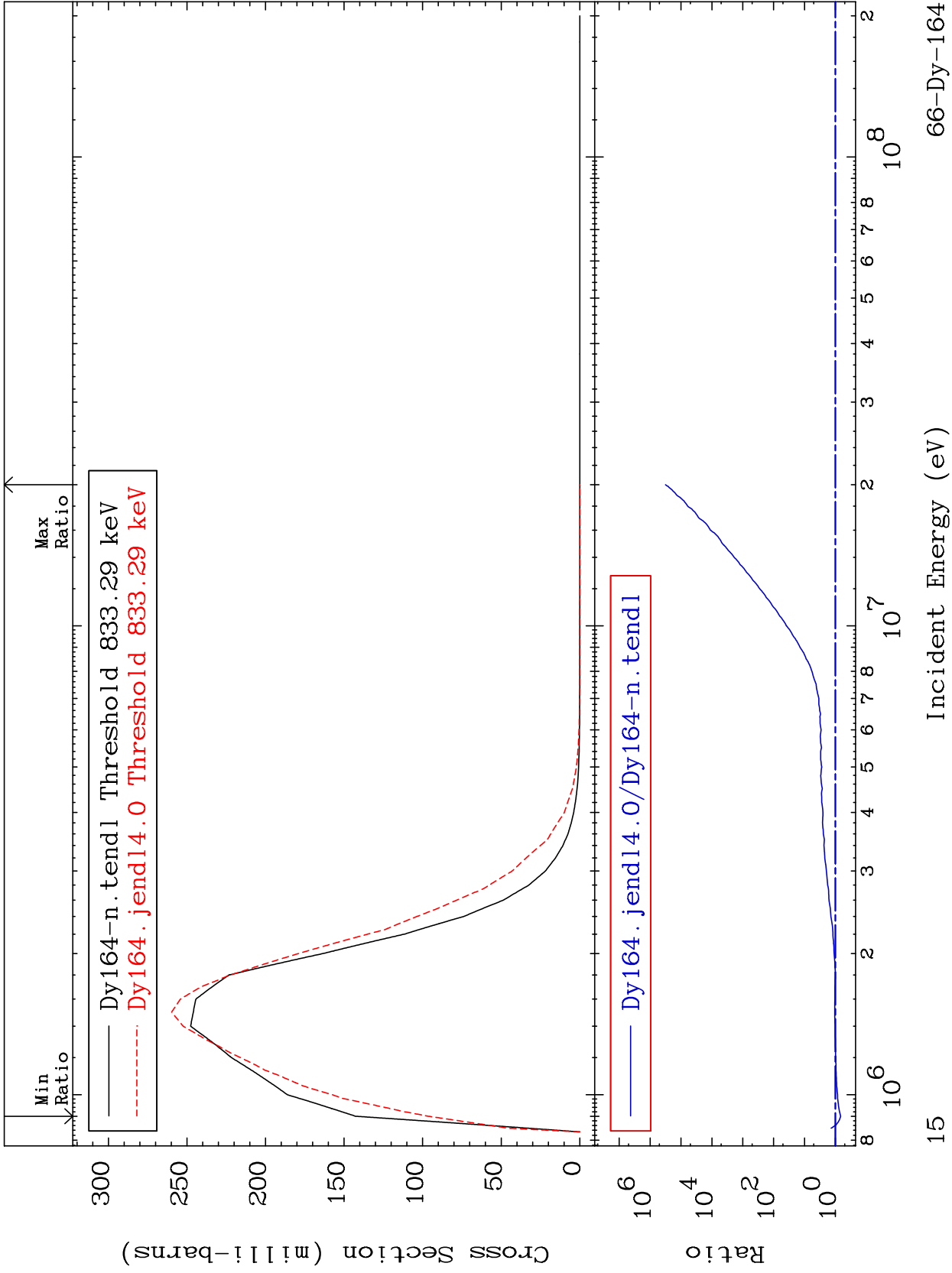
14

66-Dy-164

MAT 6649

828.2 keV (n,n') Level
Cross Section

66-Dy-164
-32.53 To 9999. %



15

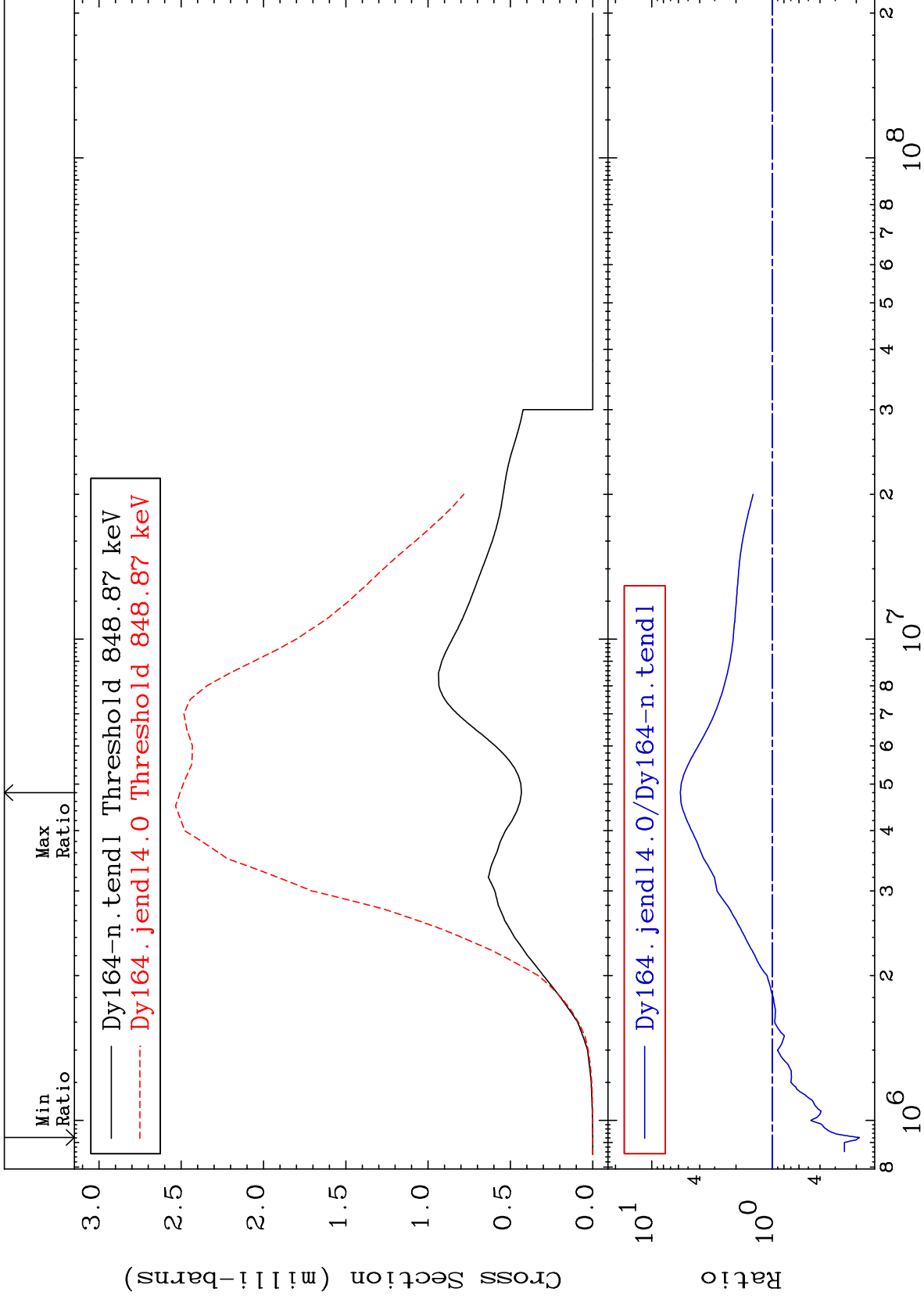
Incident Energy (eV)

66-Dy-164

MAT 6649

843.7 keV (n,n') Level
Cross Section

66-Dy-164
-81.14 To 478.9 %



16

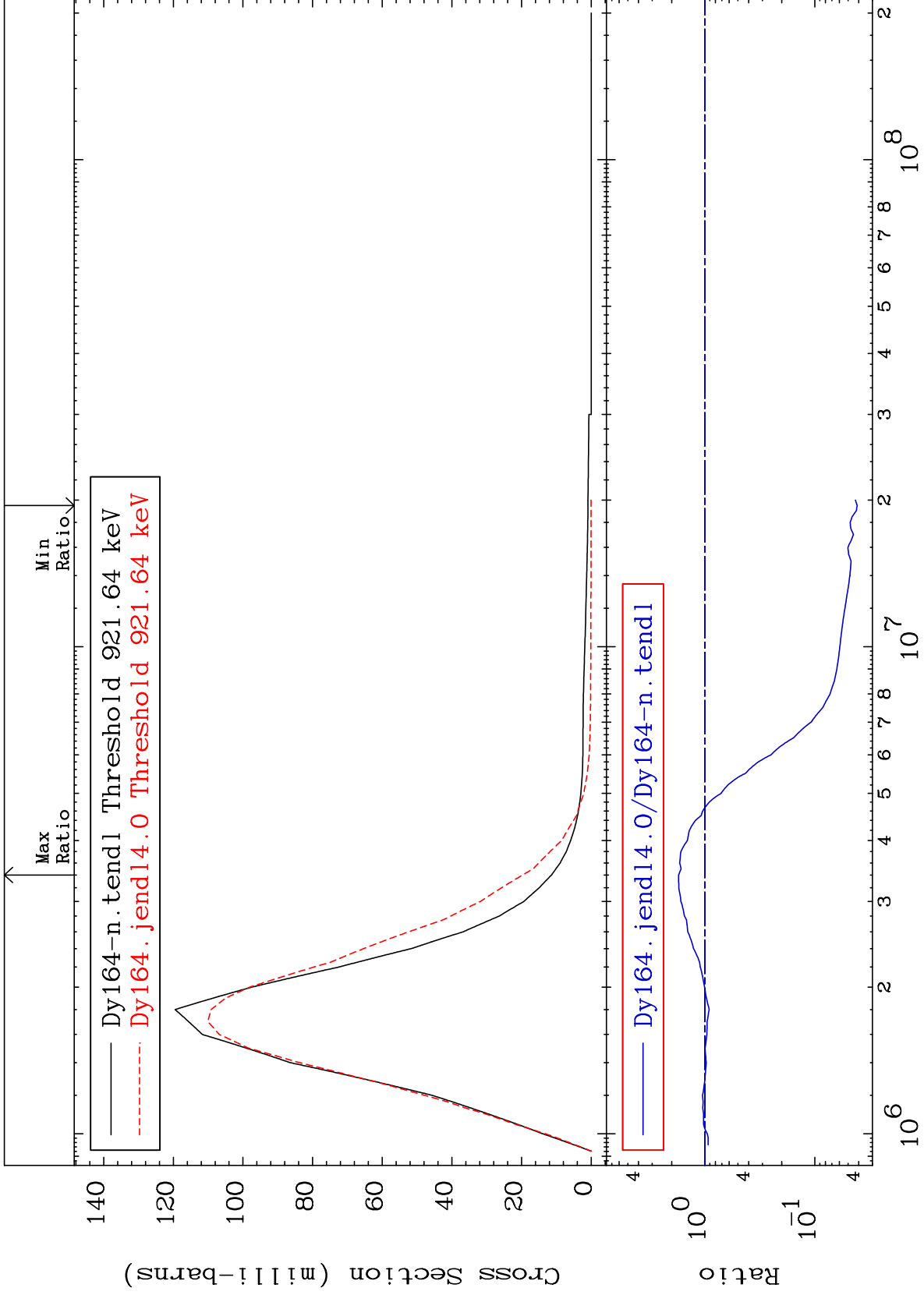
Incident Energy (eV)

66-Dy-164

MAT 6649

916.0 keV (n,n') Level
Cross Section

66-Dy-164
-95.88 To 72.73 %



17

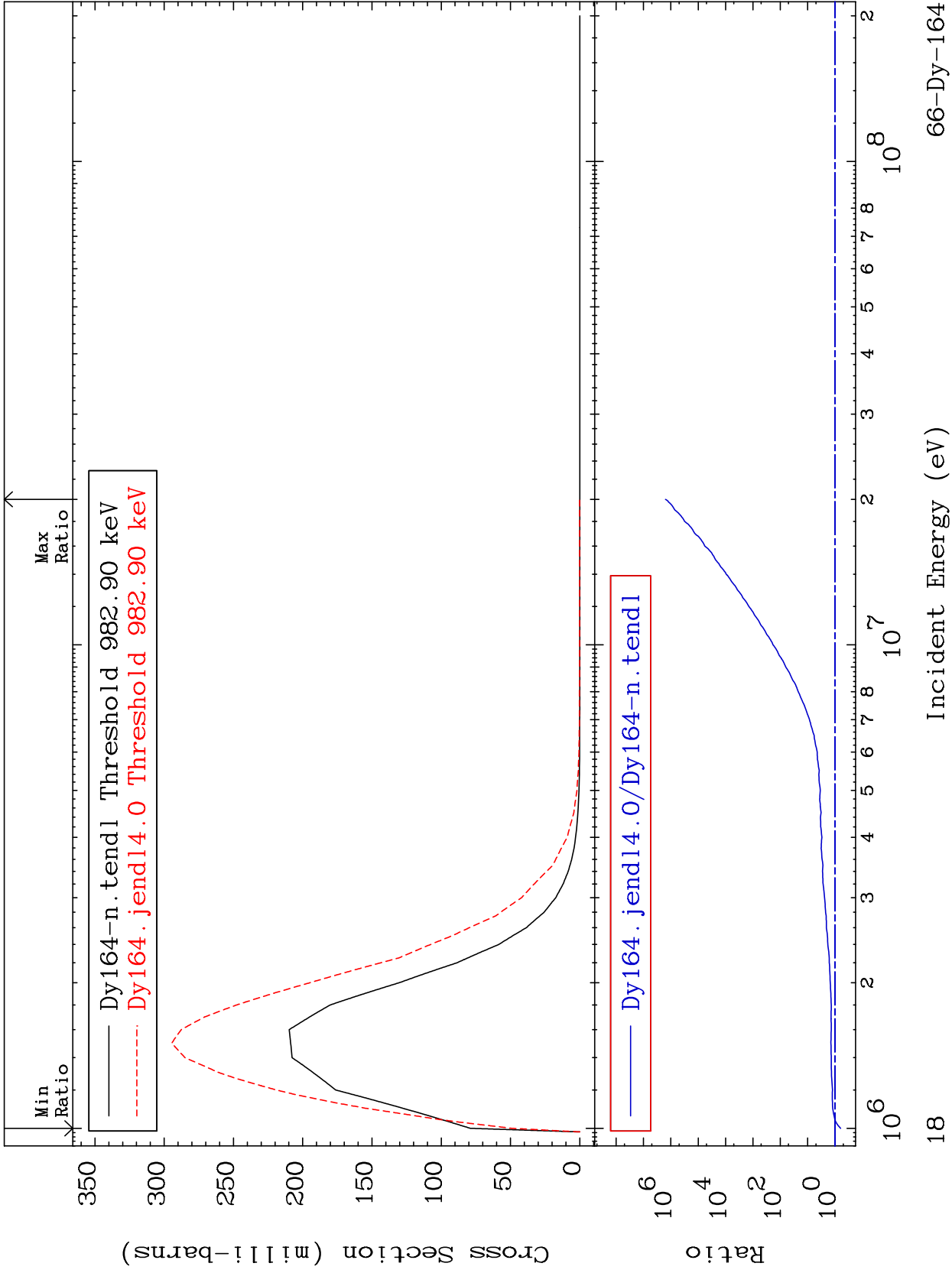
Incident Energy (eV)

66-Dy-164

MAT 6649

976.9 keV (n,n') Level
Cross Section

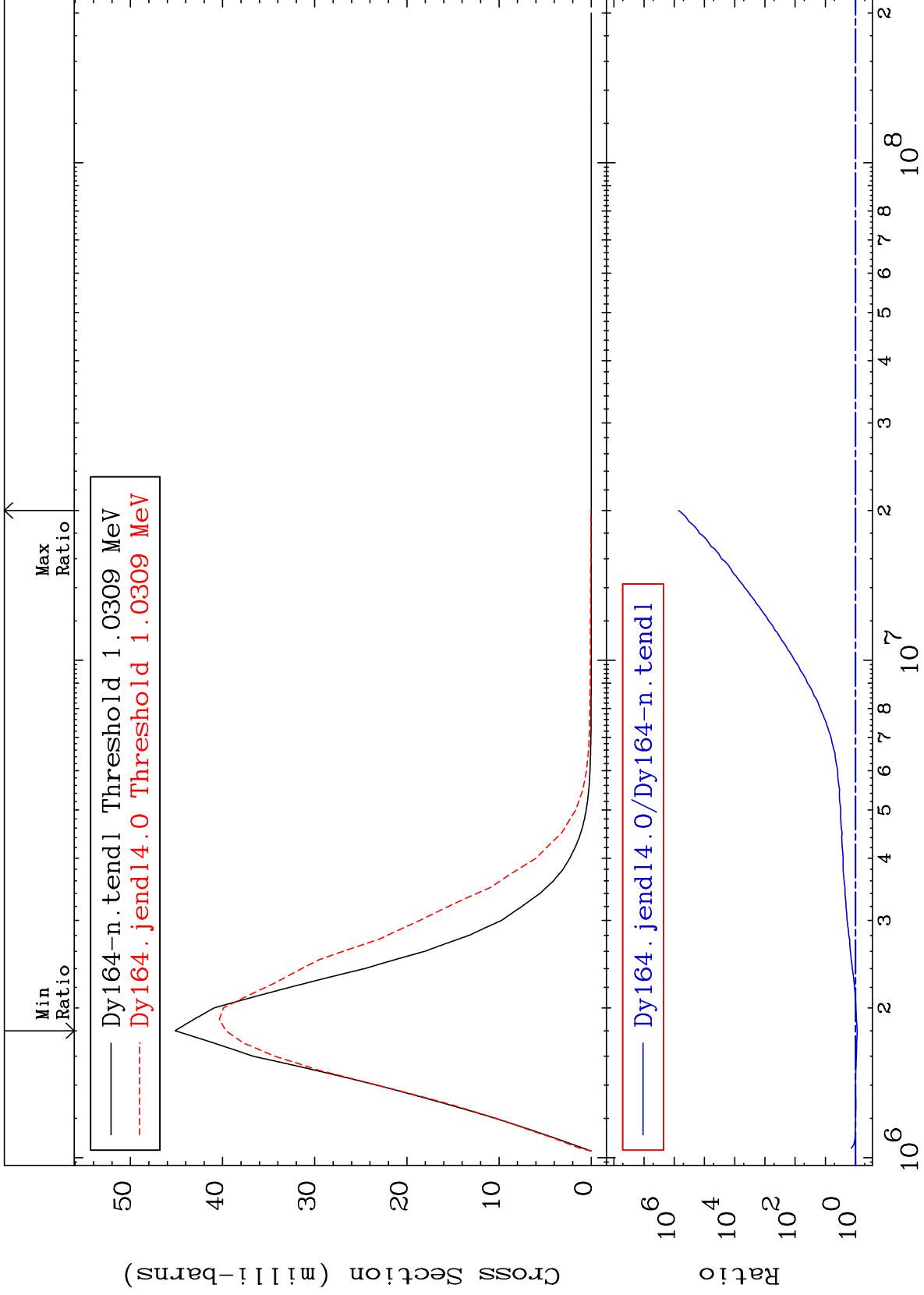
66-Dy-164
-37.84 To 9999. %



MAT 6649

1.025 MeV (n,n') Level
Cross Section

66-Dy-164
-12.16 To 9999. %



19

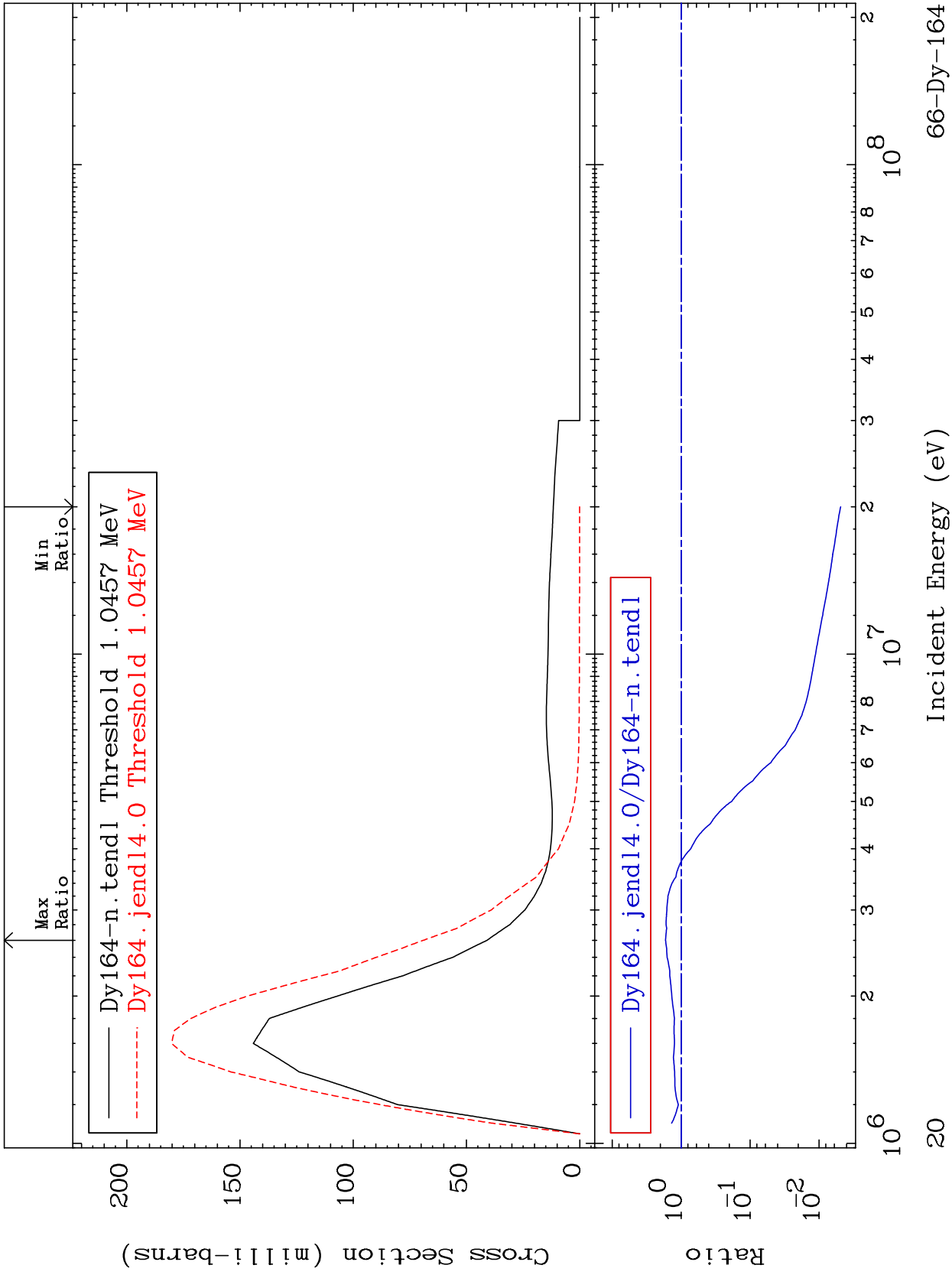
Incident Energy (eV)

66-Dy-164

MAT 6649

1.039 MeV (n,n') Level
Cross Section

66-Dy-164
-99.51 To 68.72 %

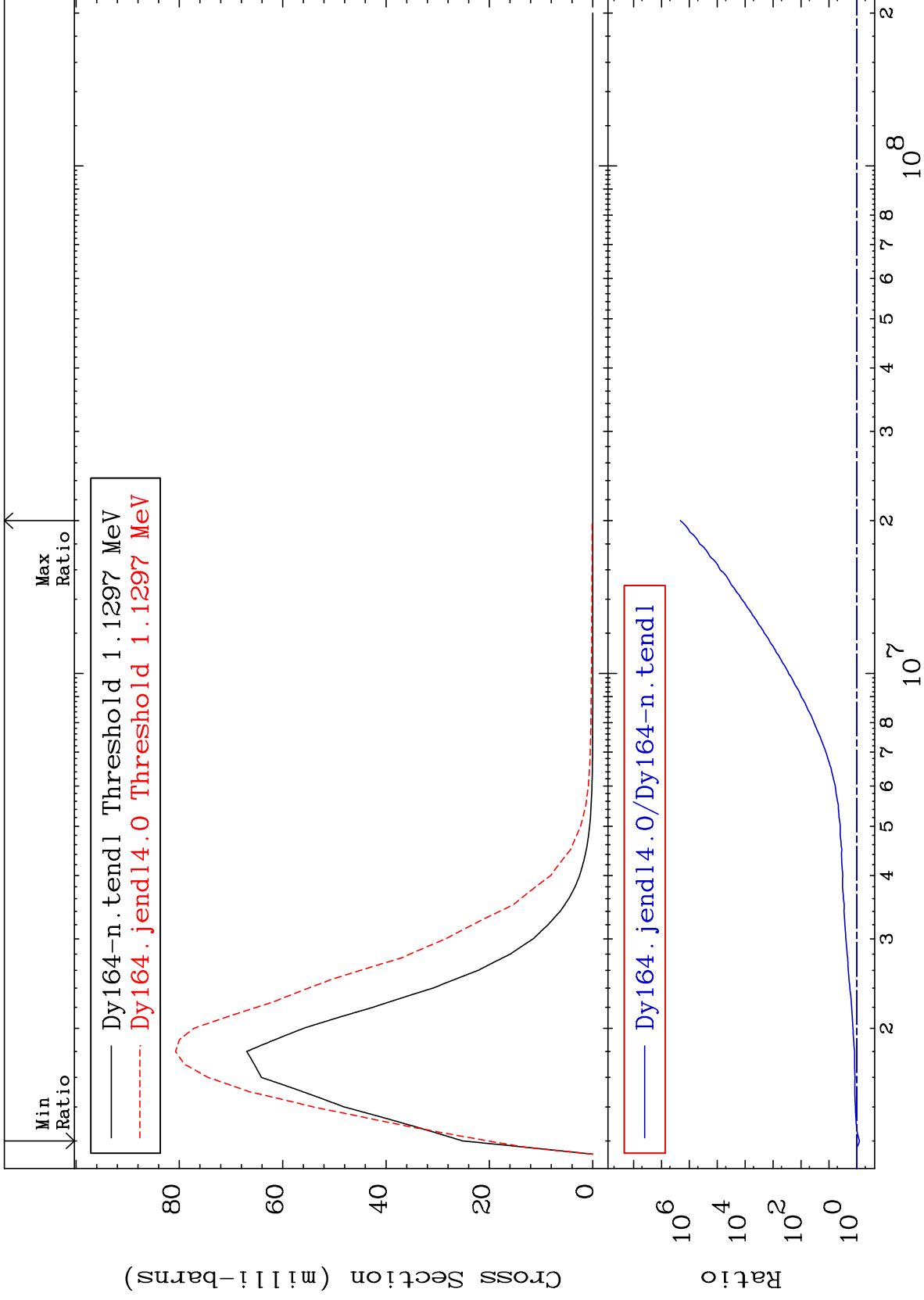


66-Dy-164

MAT 6649

1.123 MeV (n,n') Level
Cross Section

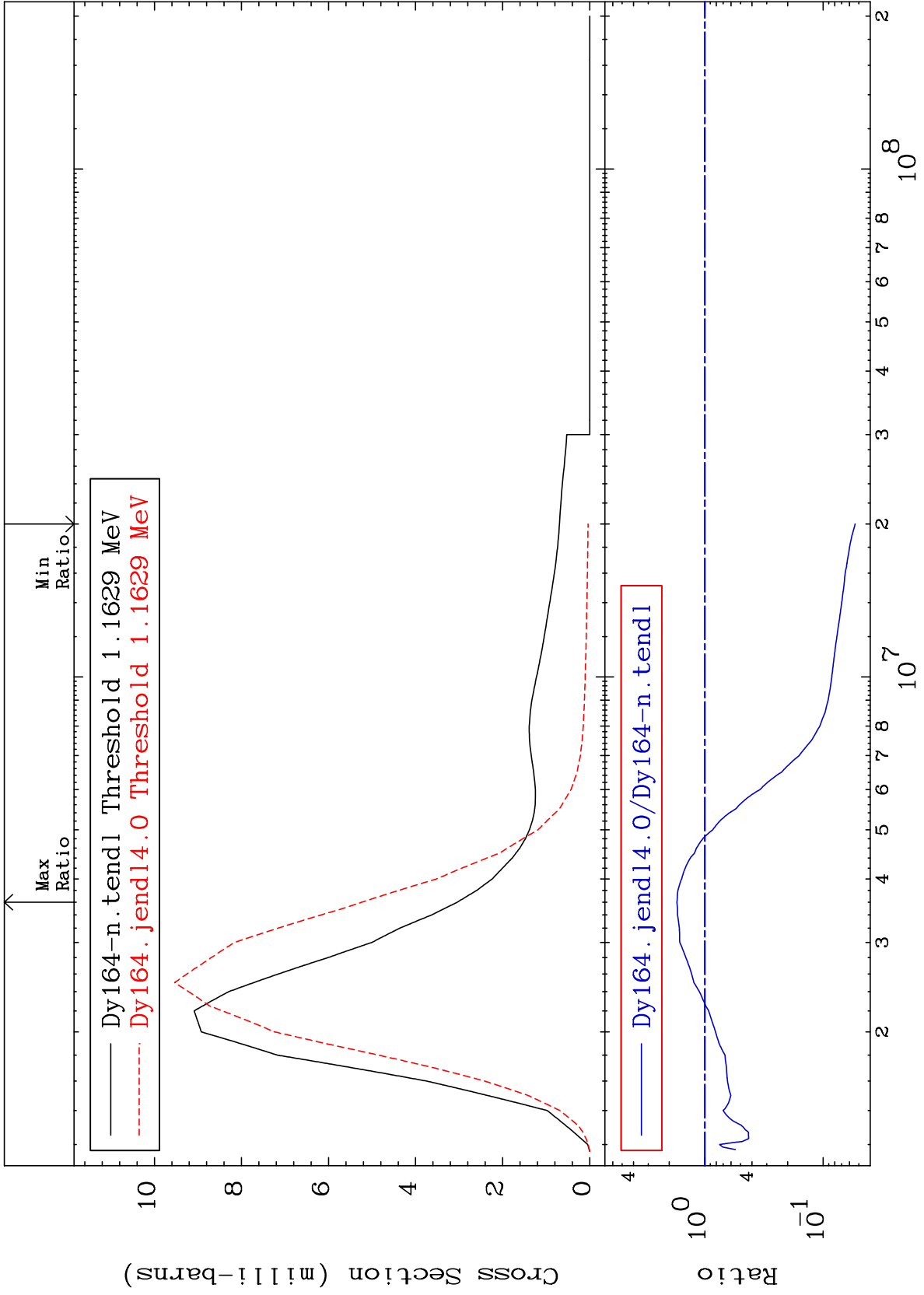
66-Dy-164
-19.47 To 9999. %

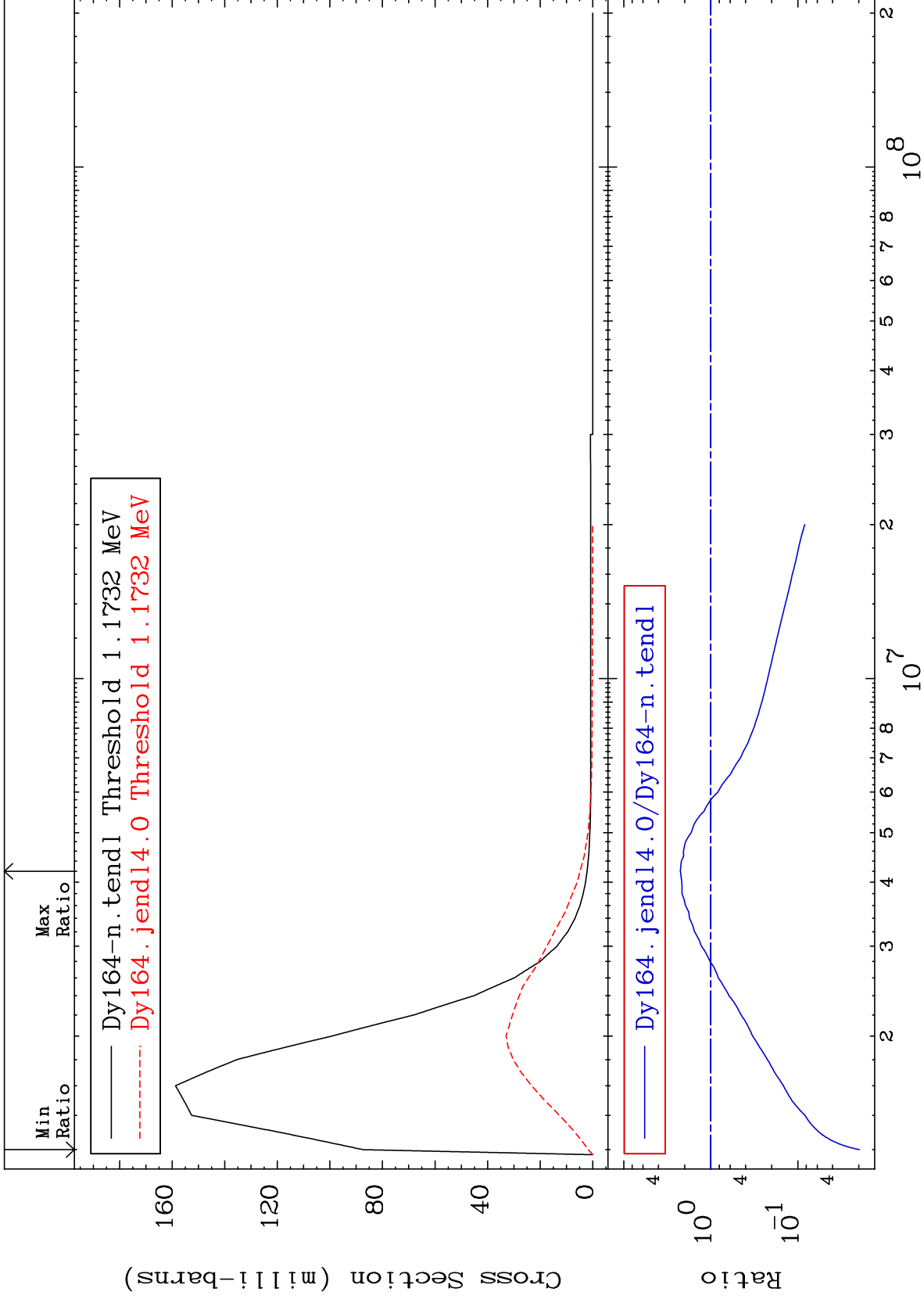


MAT 6649

1.156 MeV (n,n') Level
Cross Section

66-Dy-164
-94.62 To 72.04 %

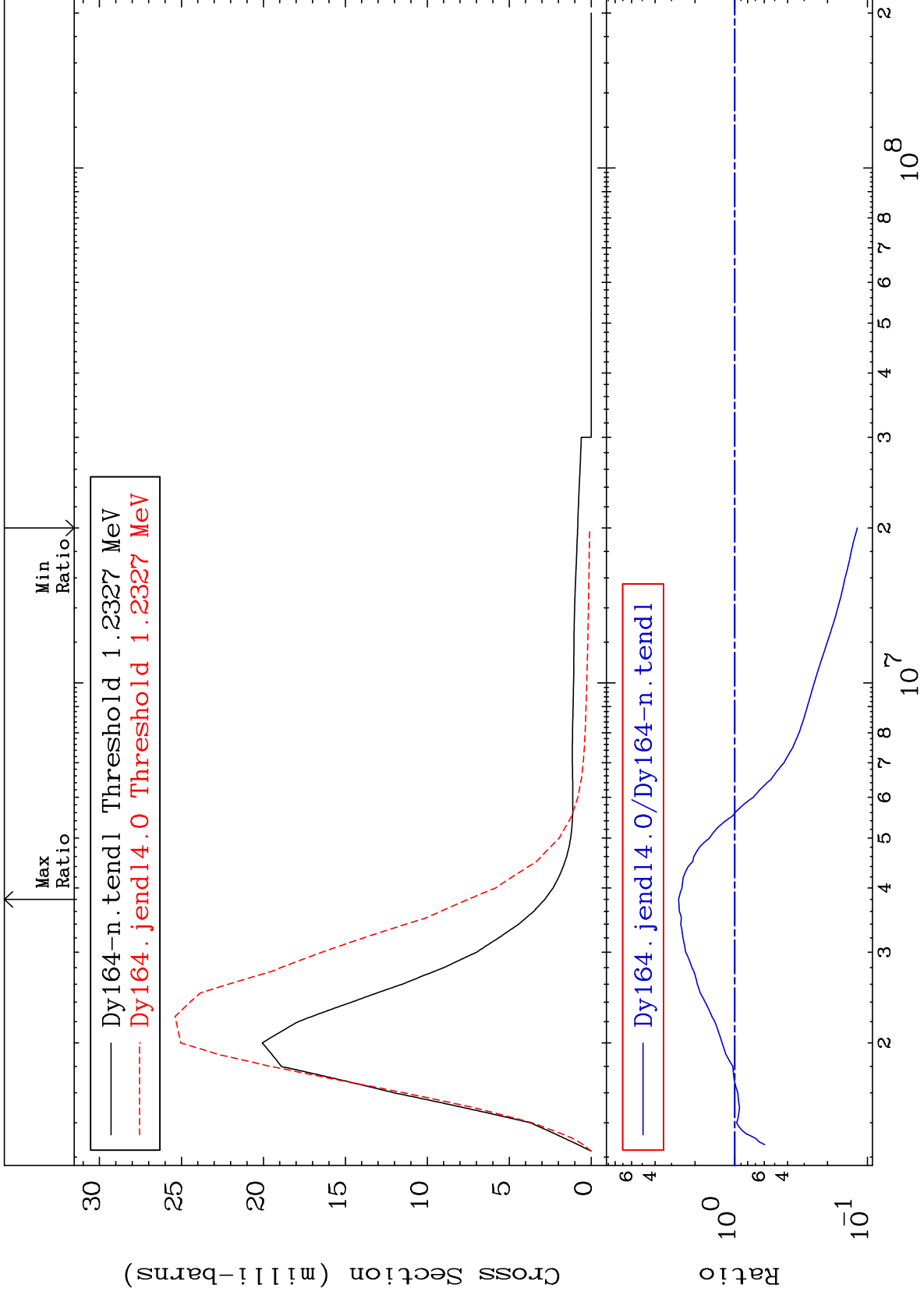




MAT 6649

1.225 MeV (n,n') Level
Cross Section

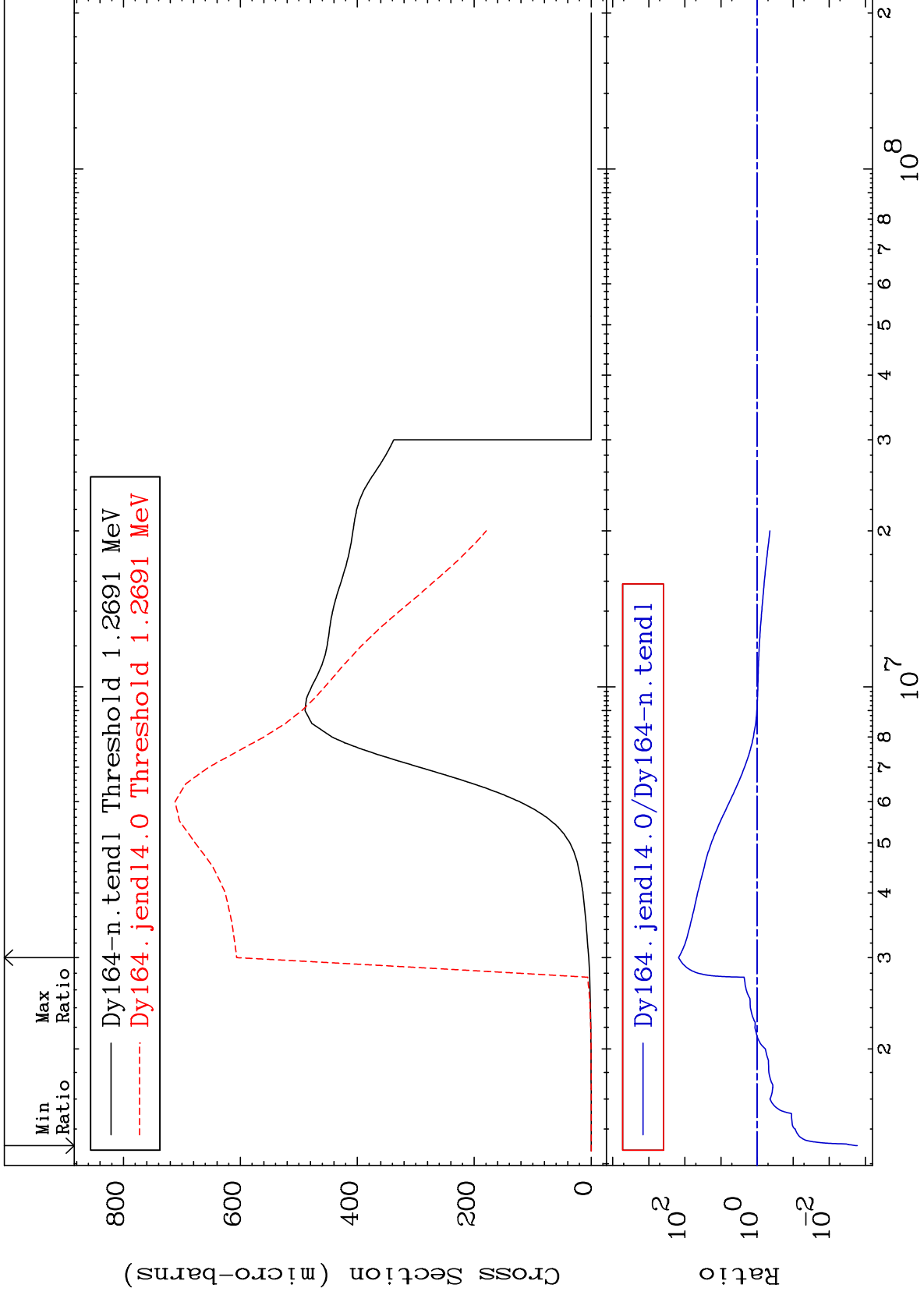
66-Dy-164
-88.07 To 165.5 %

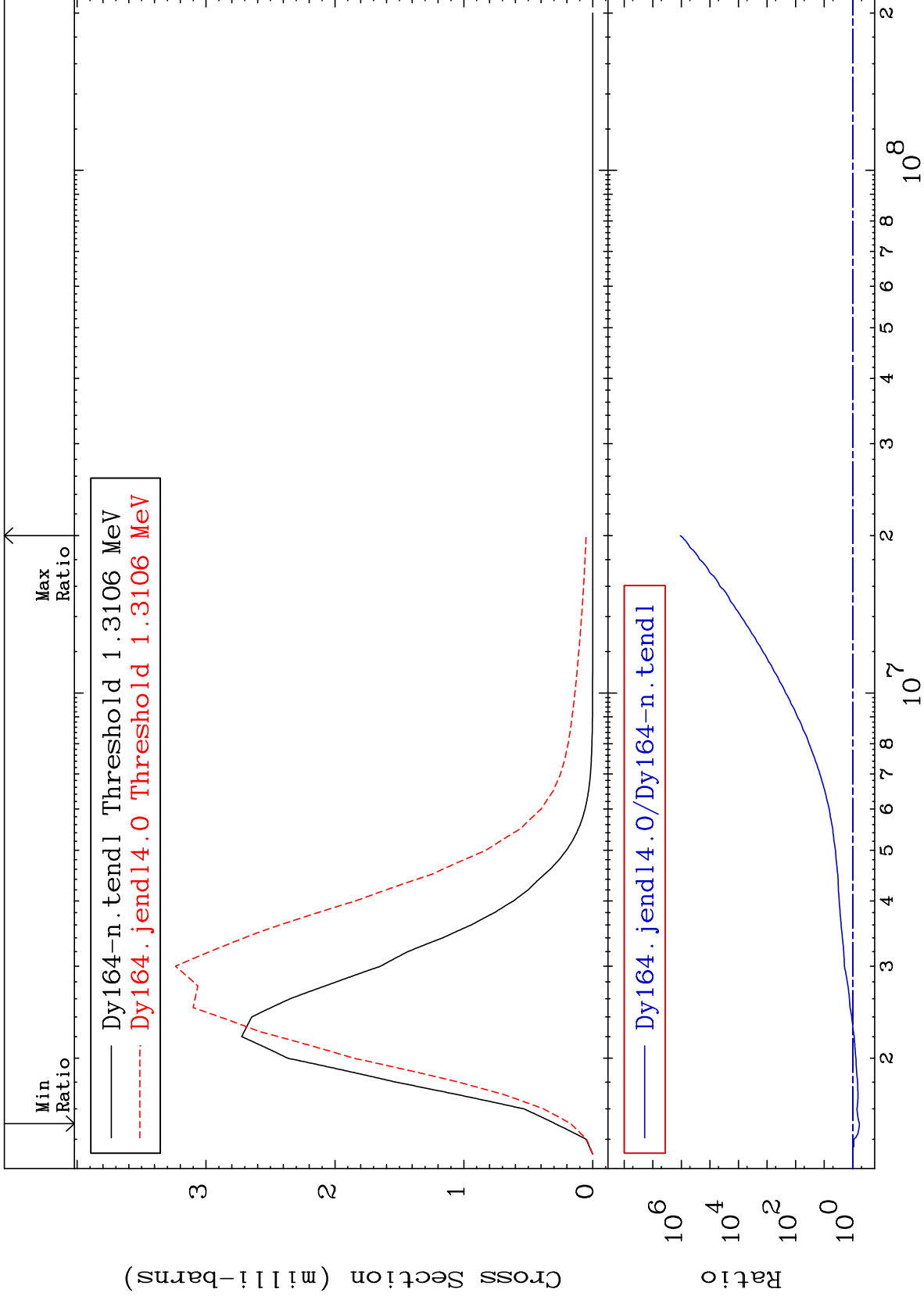


MAT 6649

1.261 MeV (n,n') Level
Cross Section

66-Dy-164
-99.83 To 9999. %

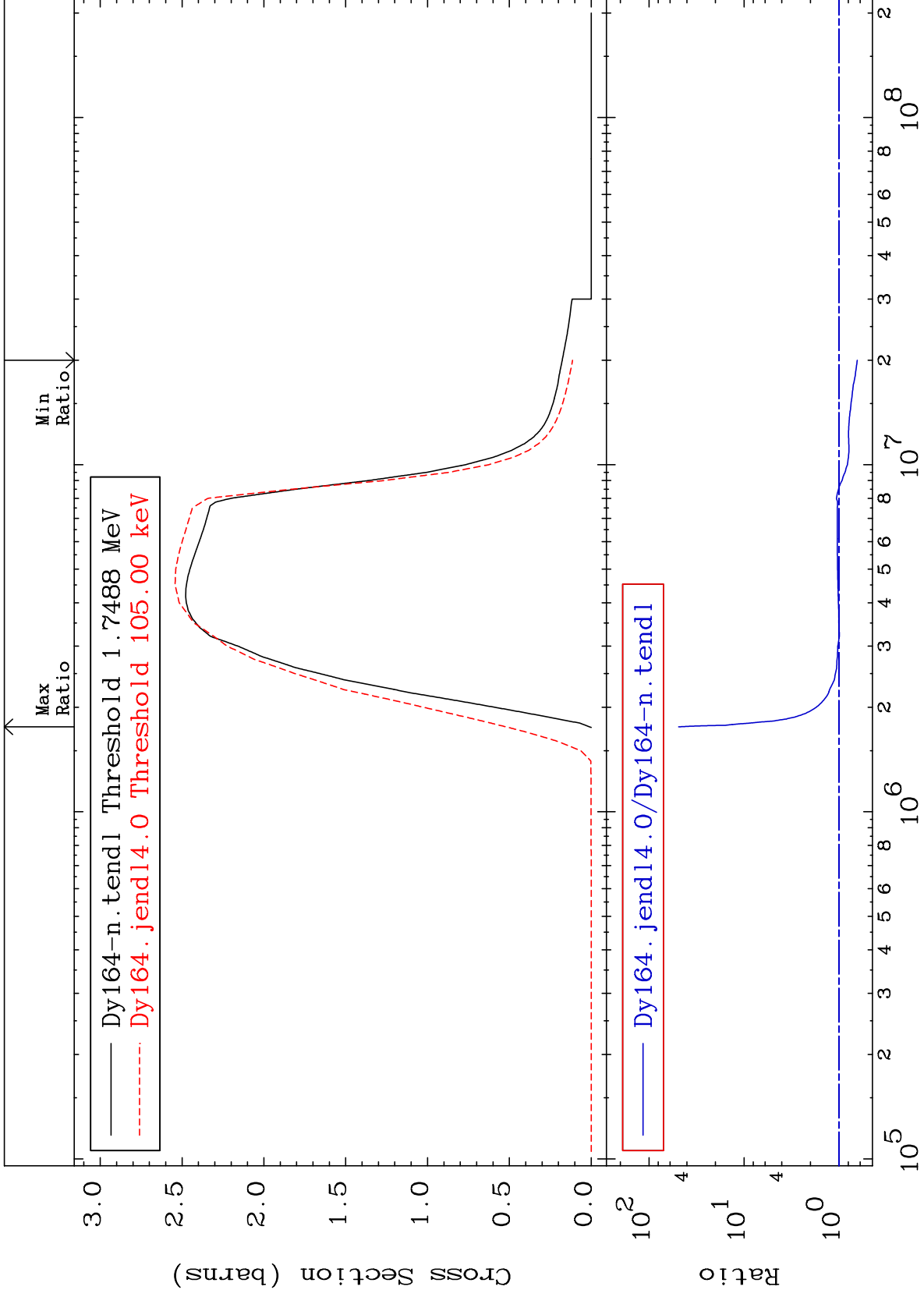




MAT 6649

(n, n') Continuum
Cross Section

66-Dy-164
-35.72 To 4778. %



27

Incident Energy (eV)

66-Dy-164

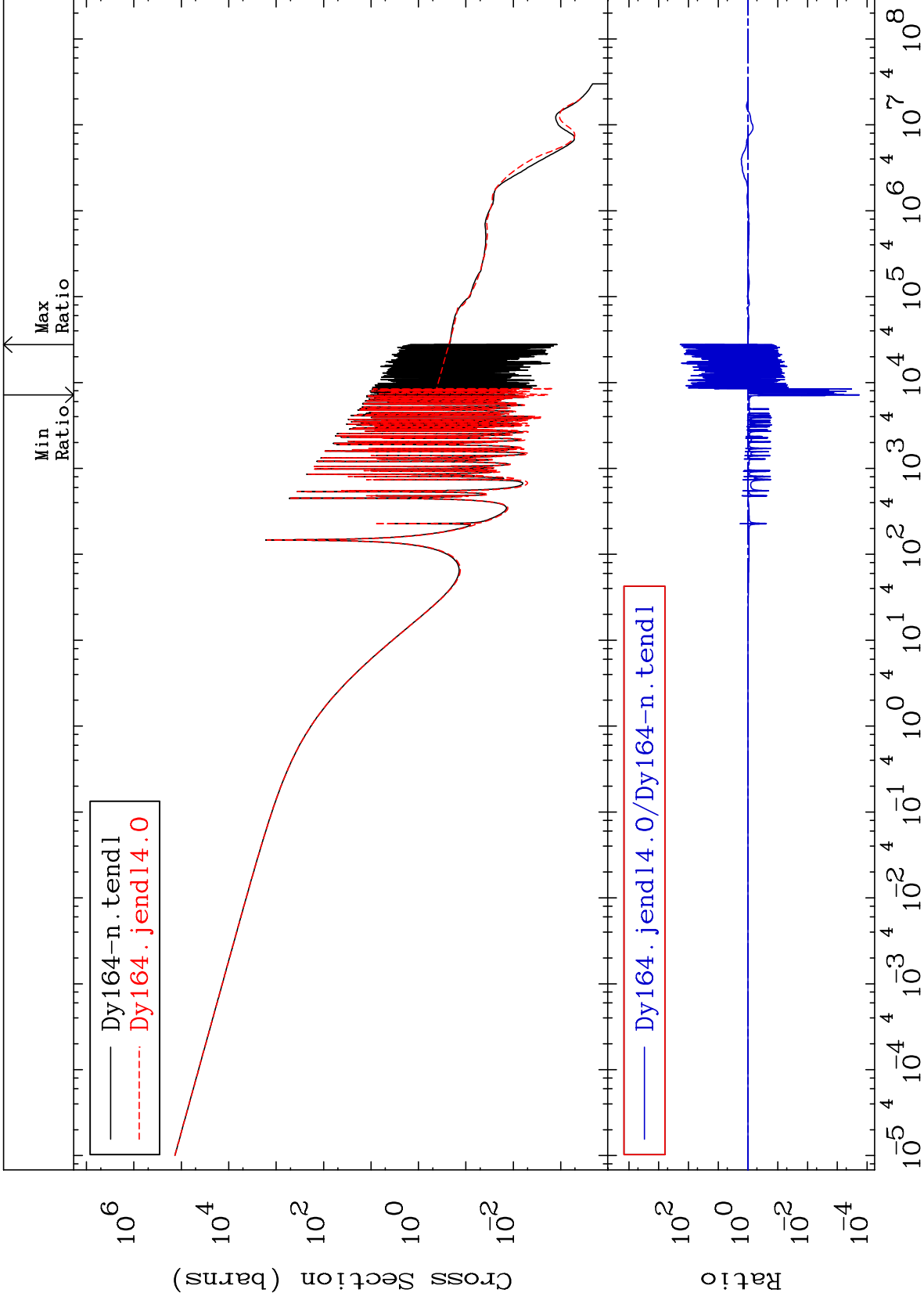
MAT 6649

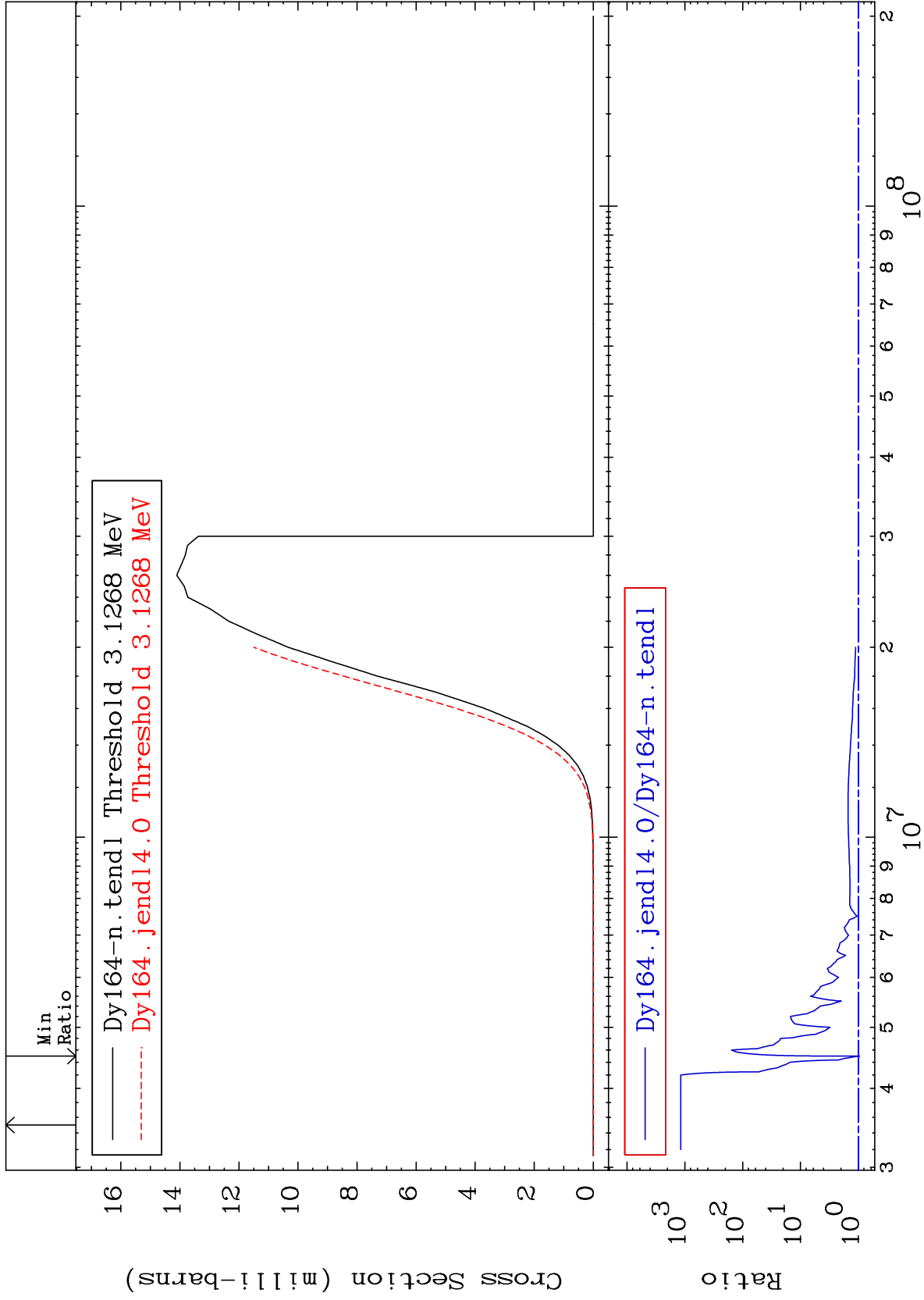
(n, γ)

66-Dy-164

Cross Section

-99.98 To 9999. %





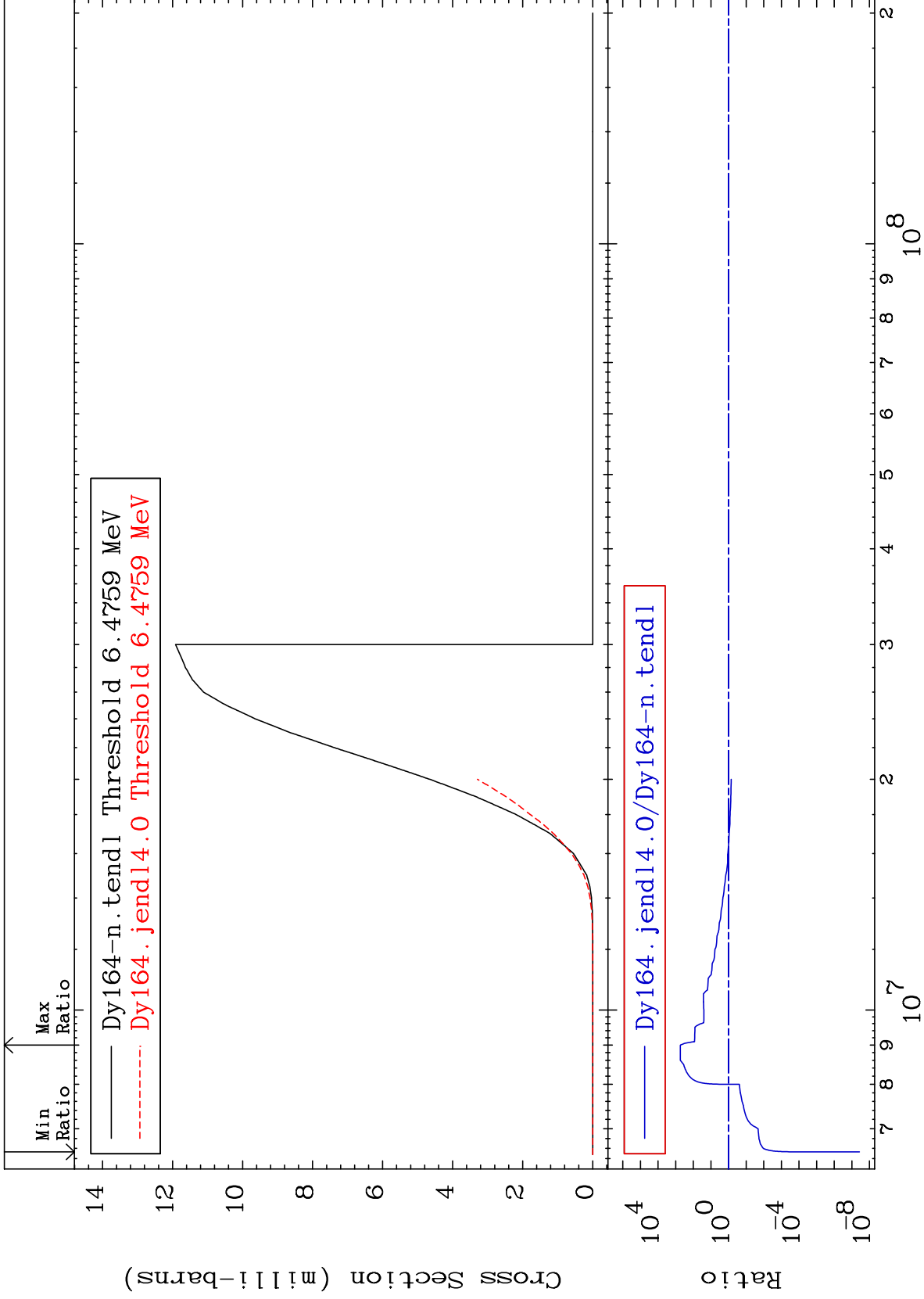
MAT 6649

(n, d)

66-Dy-164

Cross Section

-100.0 To 9999. %



30

Incident Energy (eV)

66-Dy-164

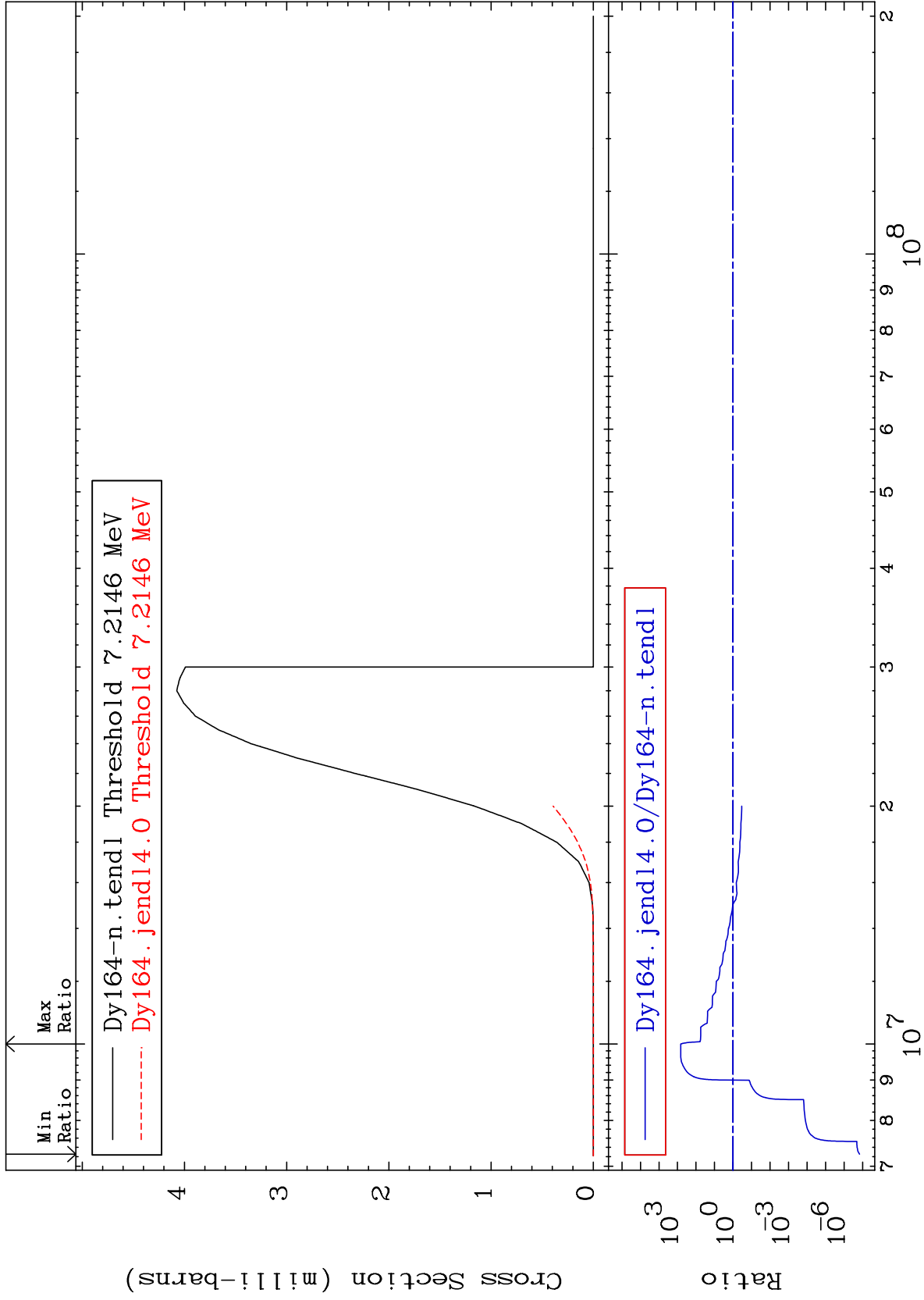
MAT 6649

(n, t)

66-Dy-164

Cross Section

-100.0 To 9999. %



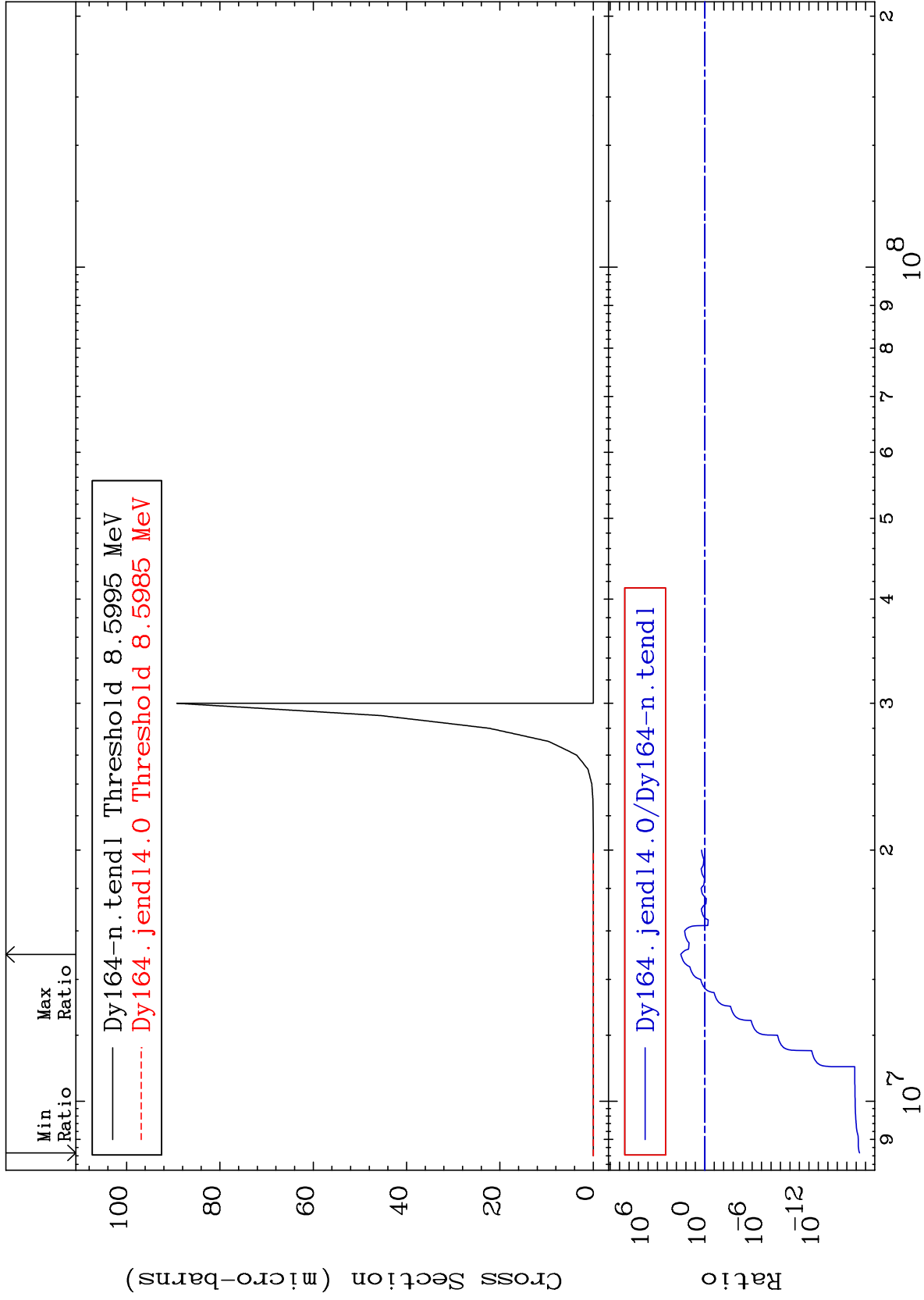
MAT 6649

(n, He-3)

66-Dy-164

Cross Section

-100.0 To 9999. %



32

Incident Energy (eV)

66-Dy-164

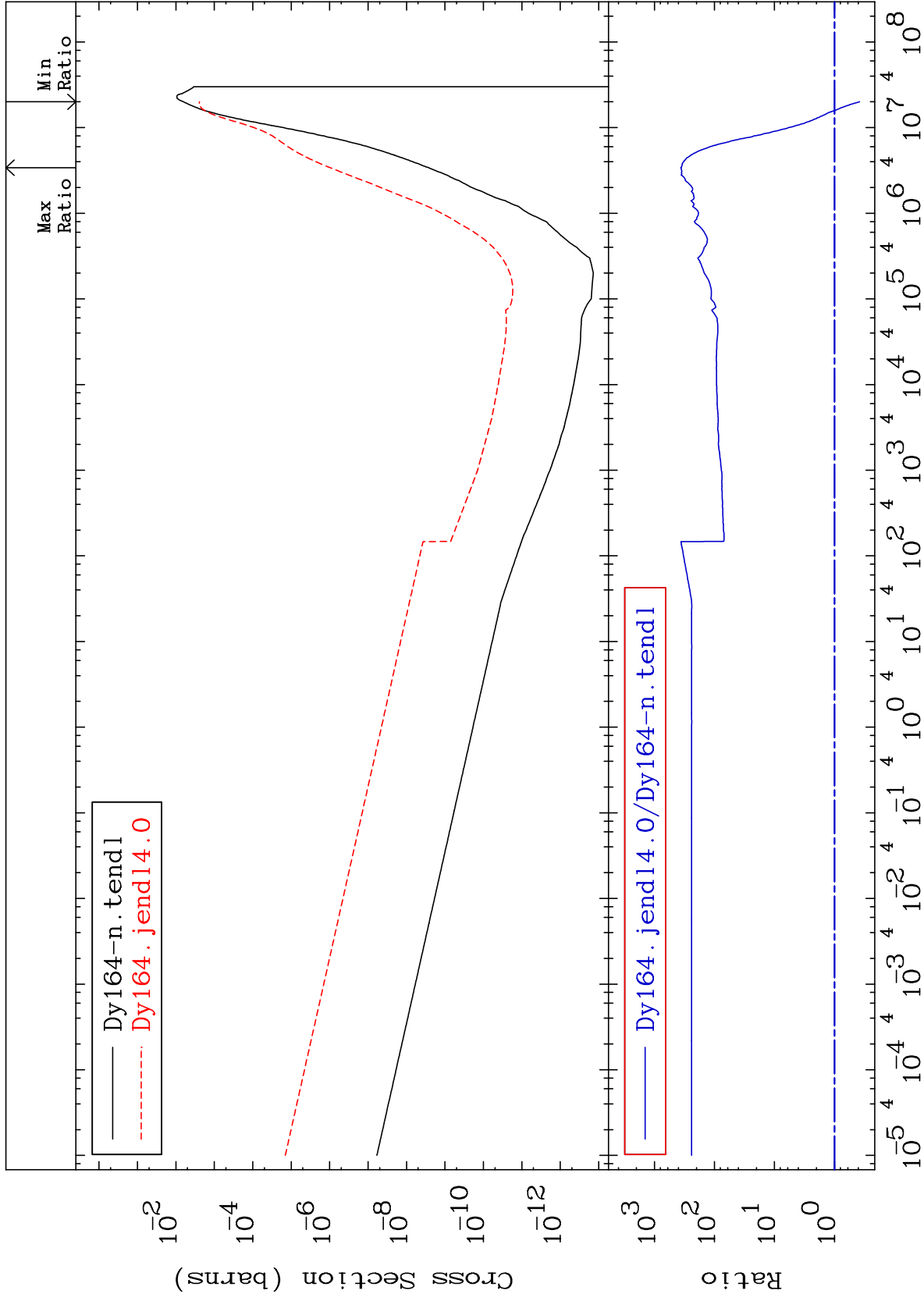
MAT 6649

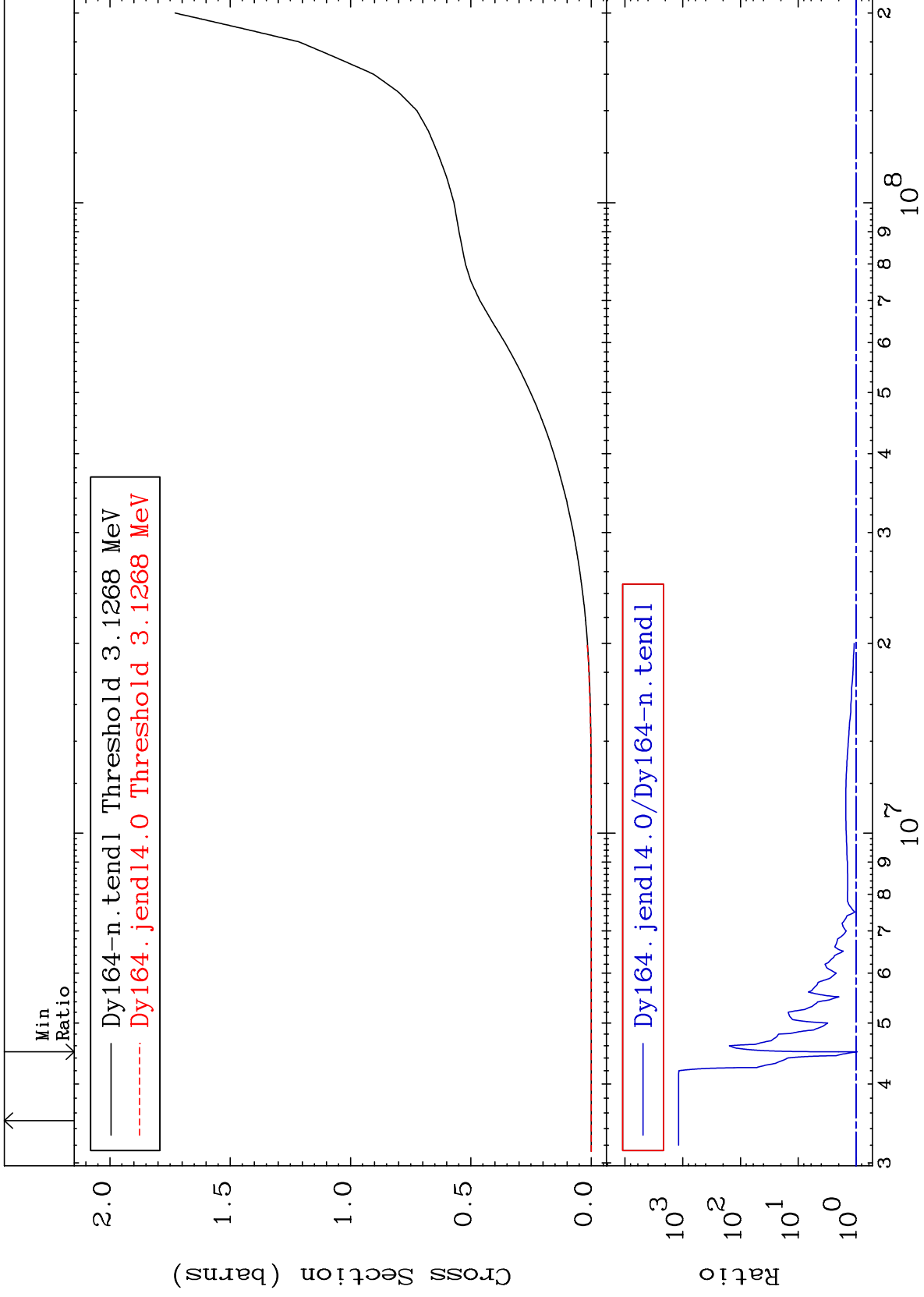
(n, α)

Cross Section

66-Dy-164

-61.79 To 9999. %

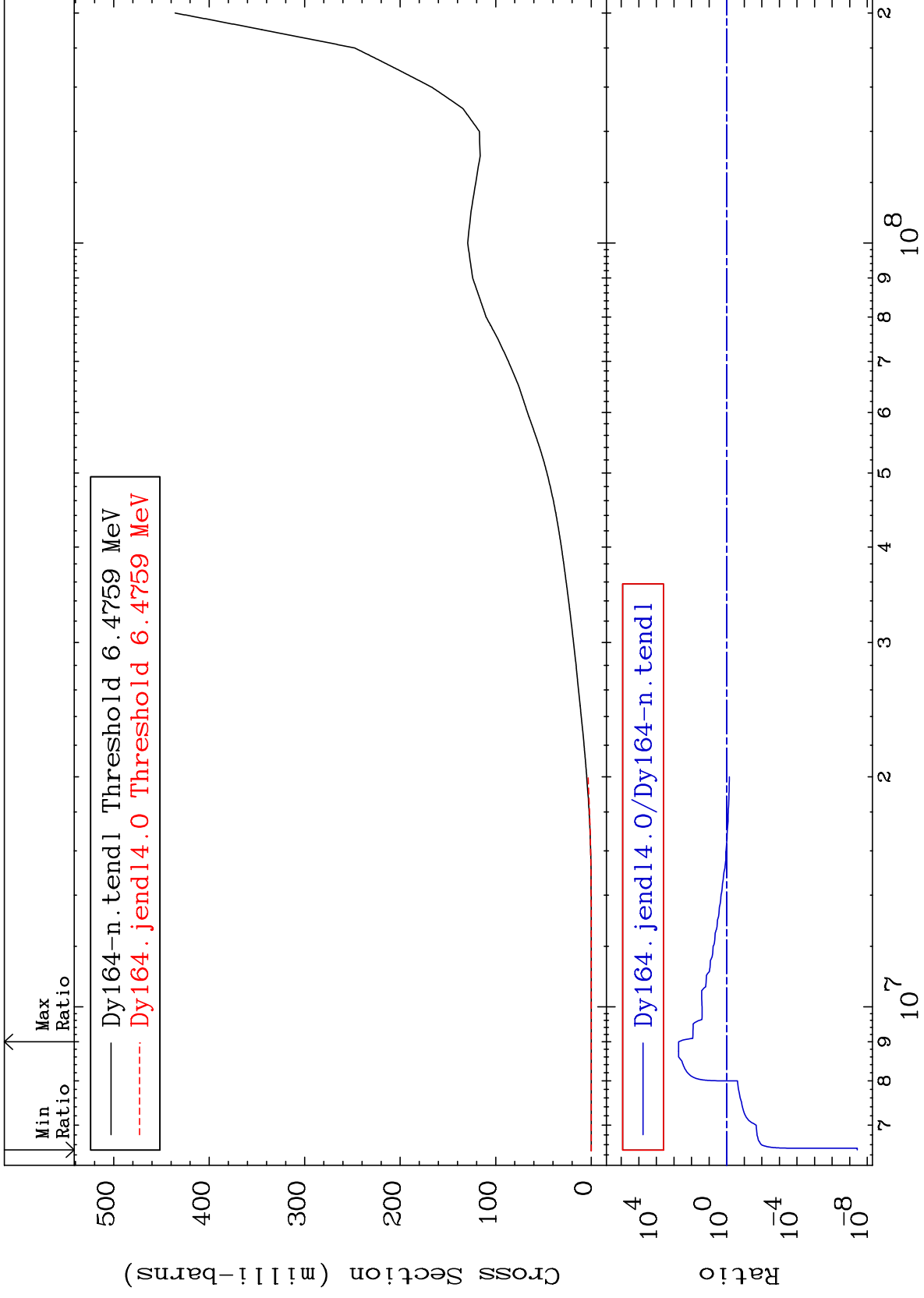




MAT 6649

Deuterium Production
Cross Section

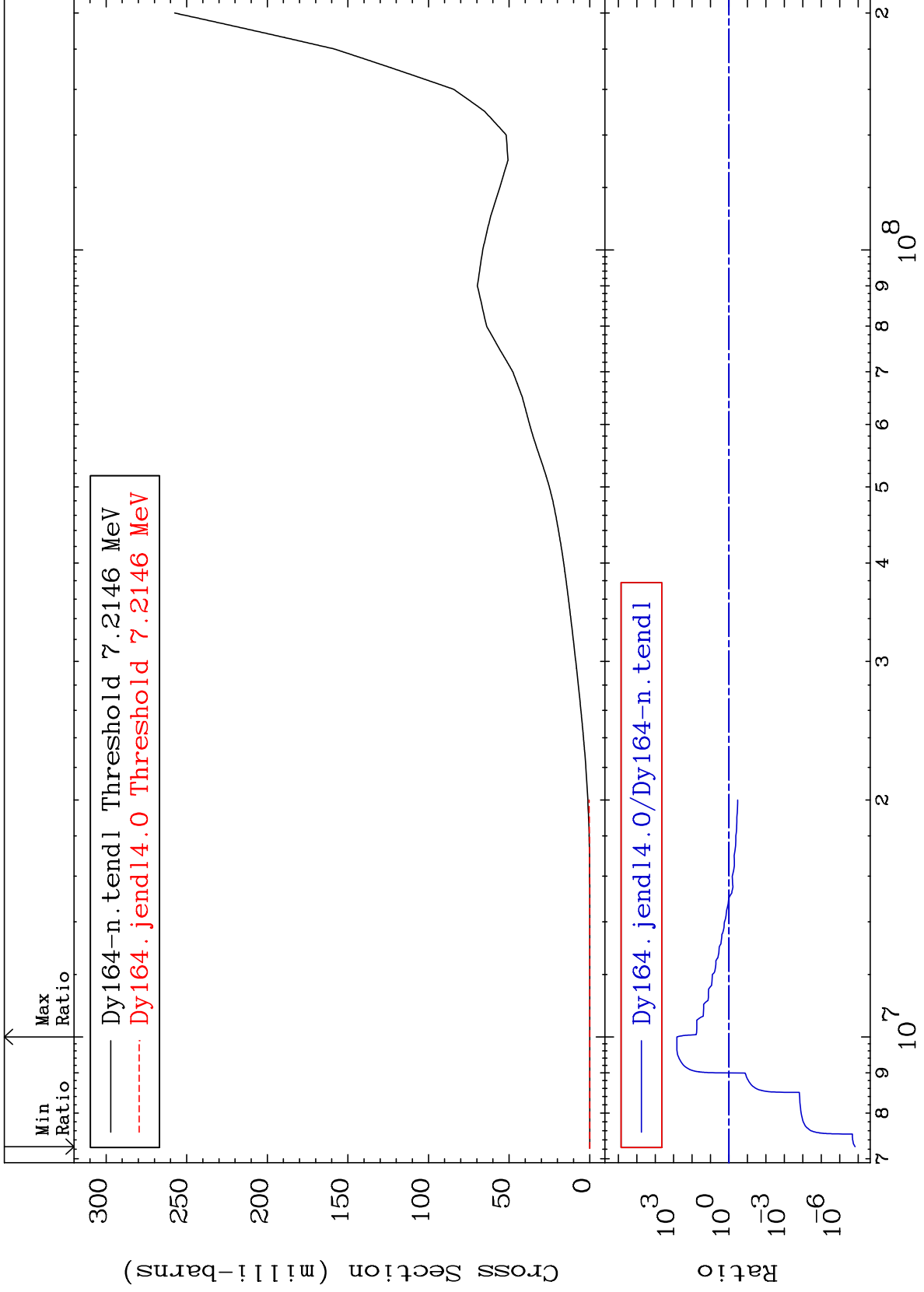
66-Dy-164
-100.0 To 9999. %



MAT 6649

Tritium Production
Cross Section

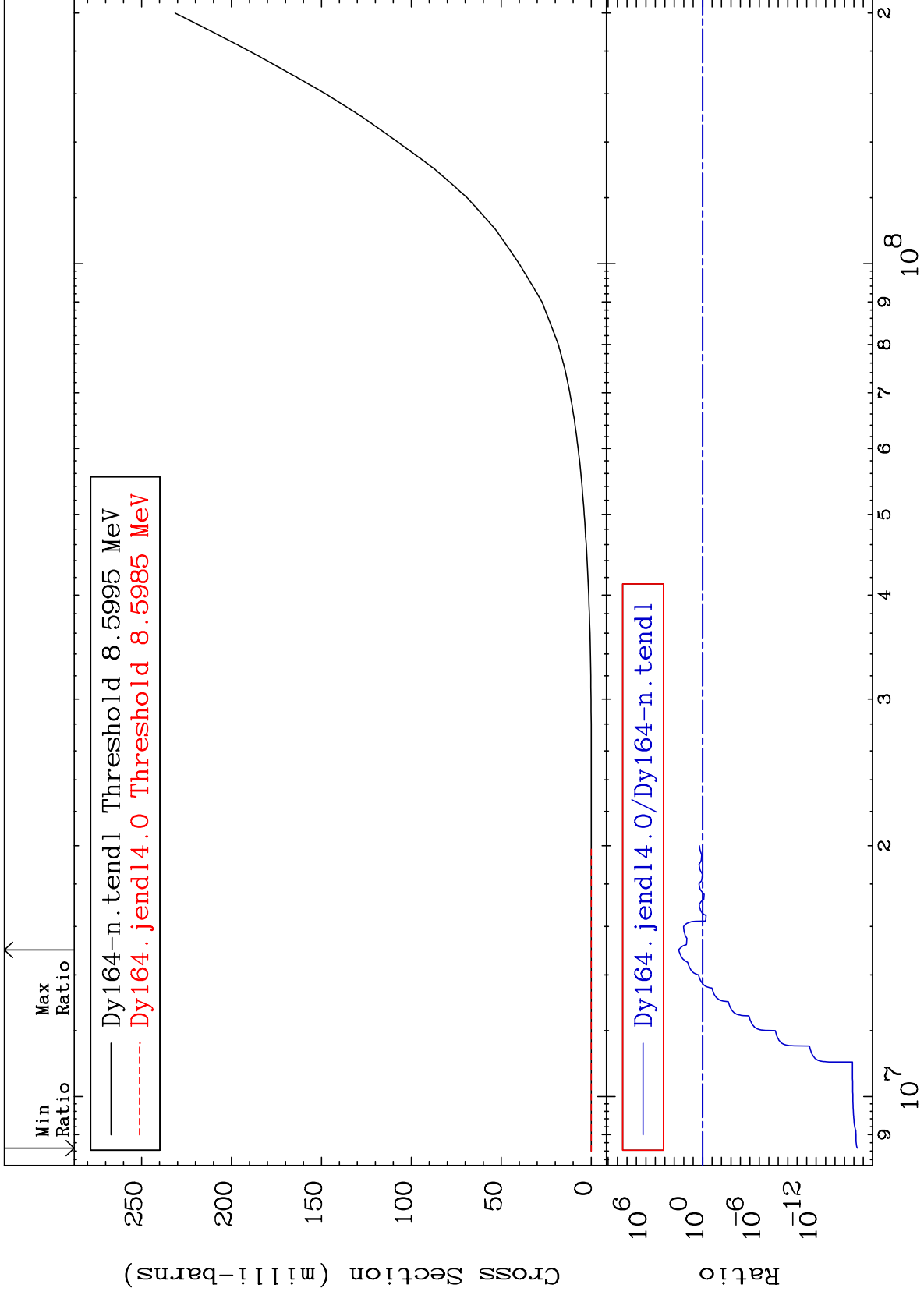
66-Dy-164
-100.0 To 9999. %



MAT 6649

He-3 Production
Cross Section

66-Dy-164
-100.0 To 9999. %



37

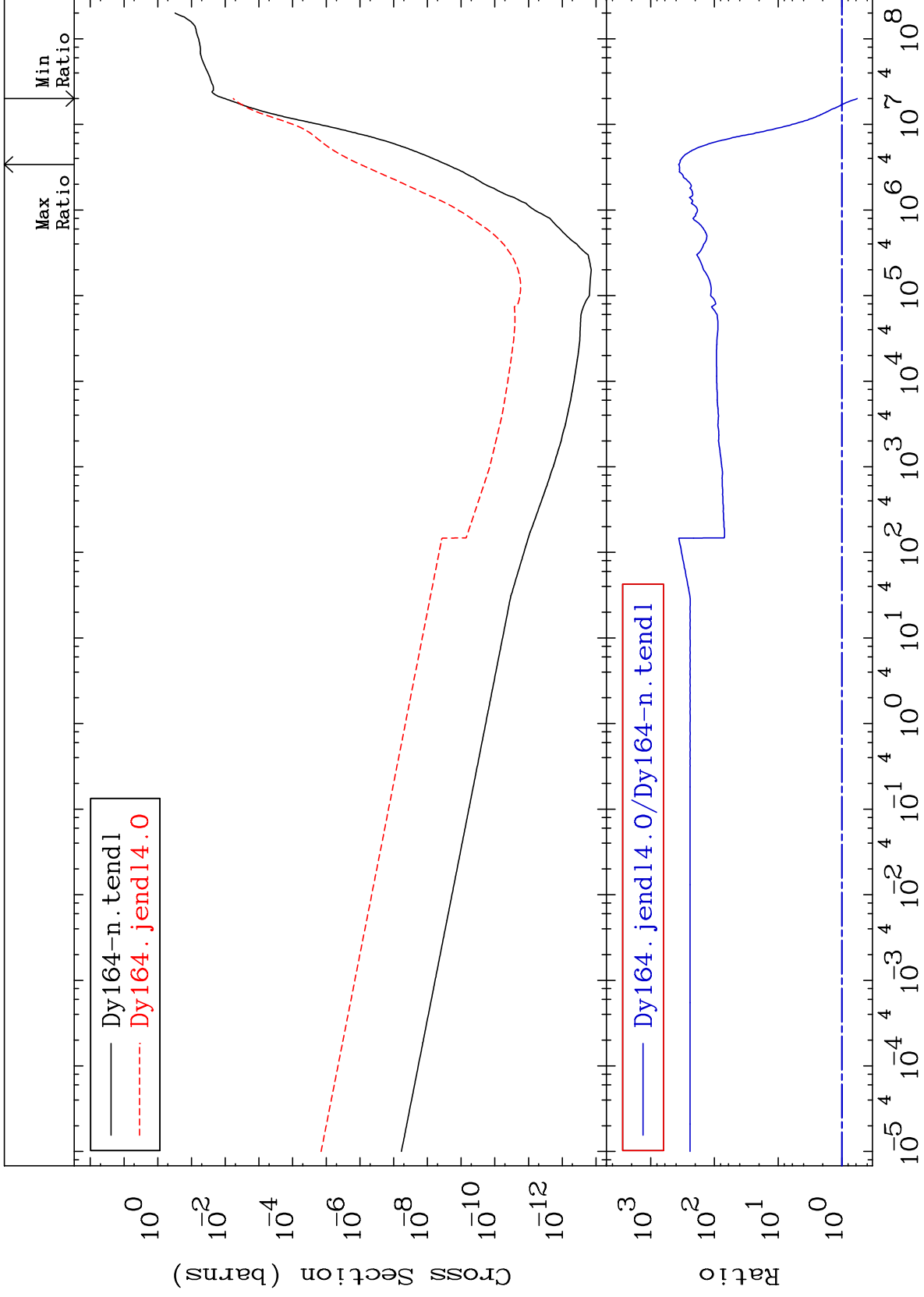
Incident Energy (eV)

66-Dy-164

MAT 6649

He-4 Production
Cross Section

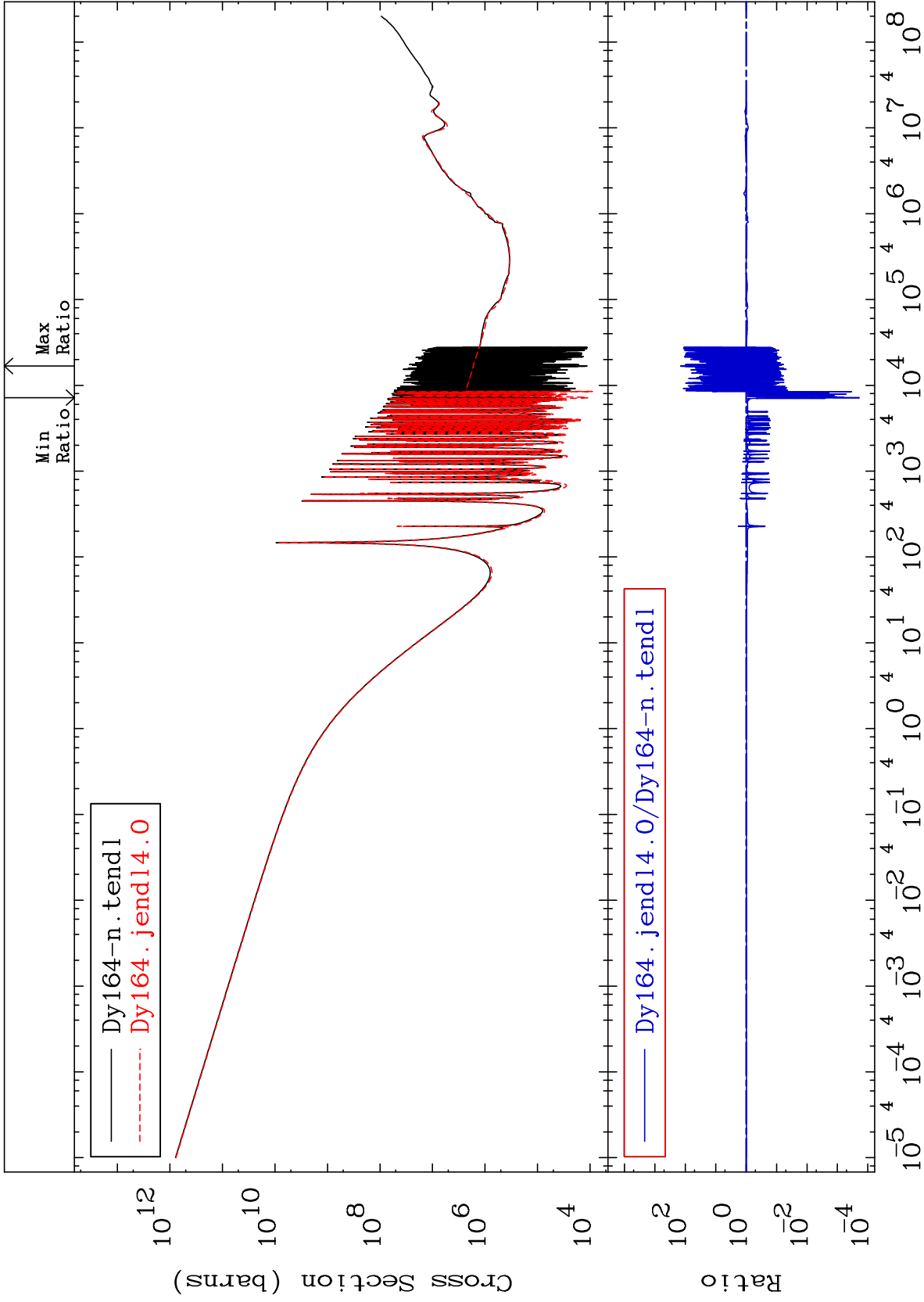
66-Dy-164
-42.73 To 9999. %



Incident Energy (eV)

66-Dy-164

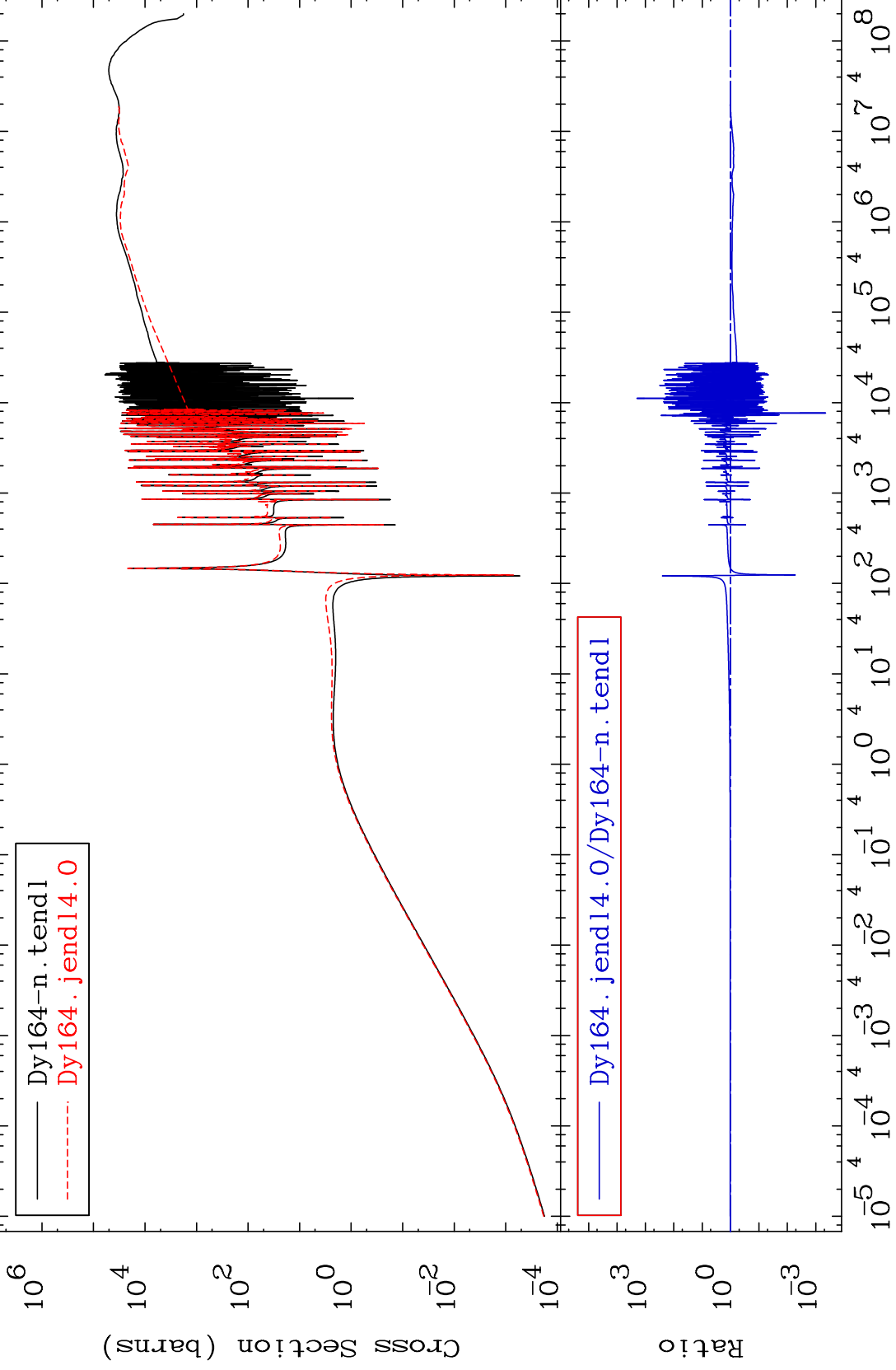
38



MAT 6649

Kerma elastic
Cross Section

66-Dy-164
-99.95 To 9999. %



40

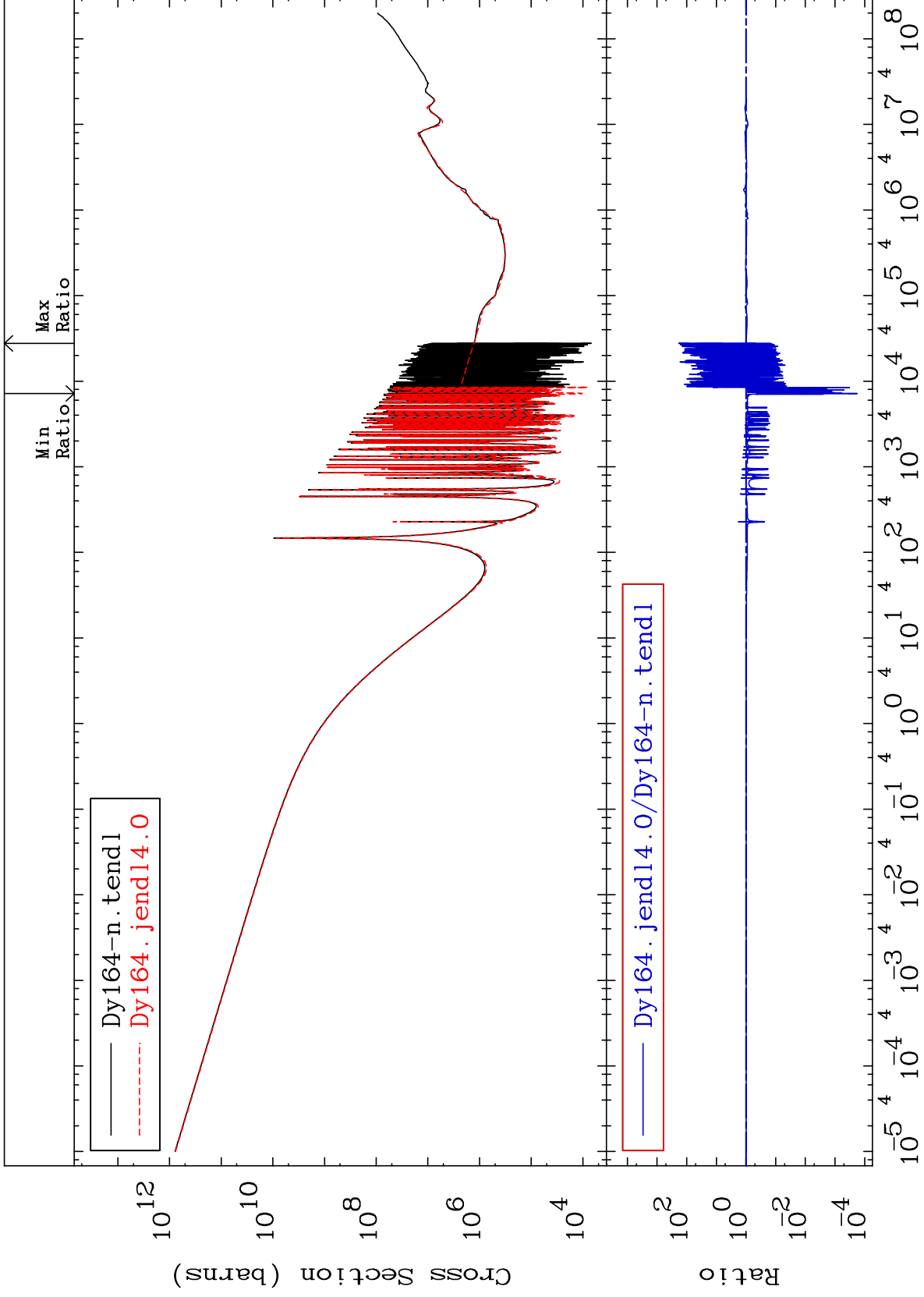
Incident Energy (eV)

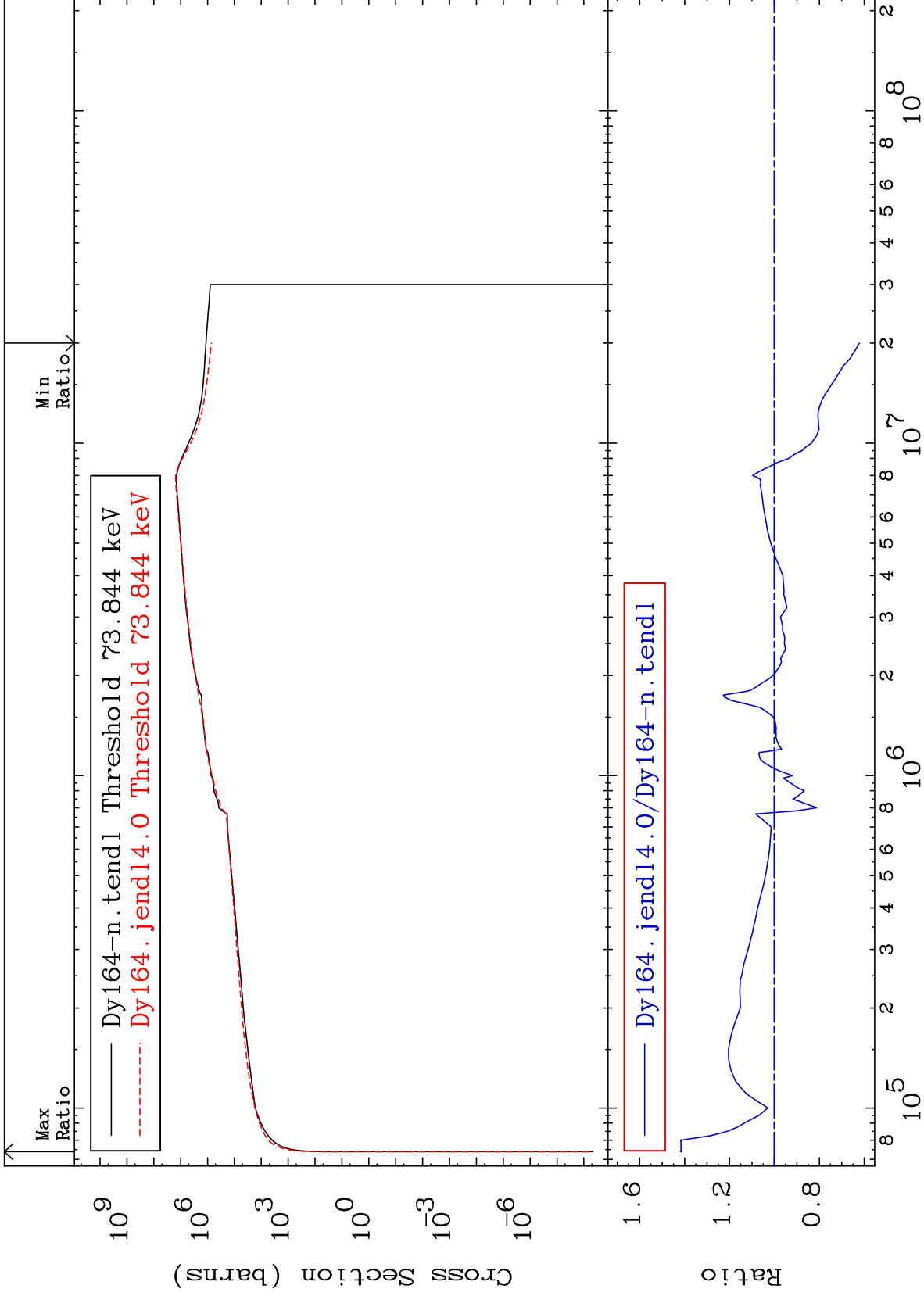
66-Dy-164

MAT 6649

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-164
-99.98 To 9999. %

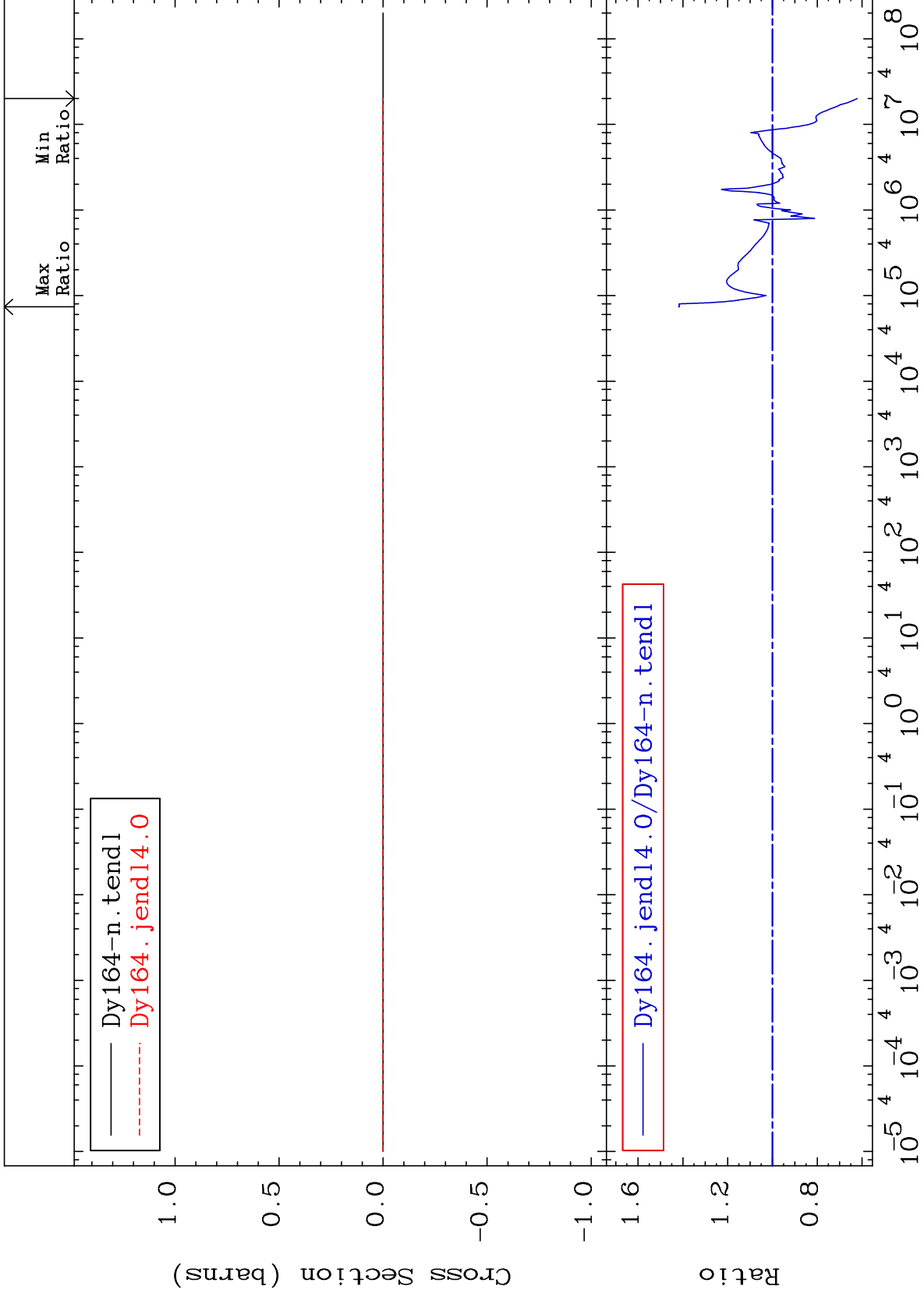




MAT 6649

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

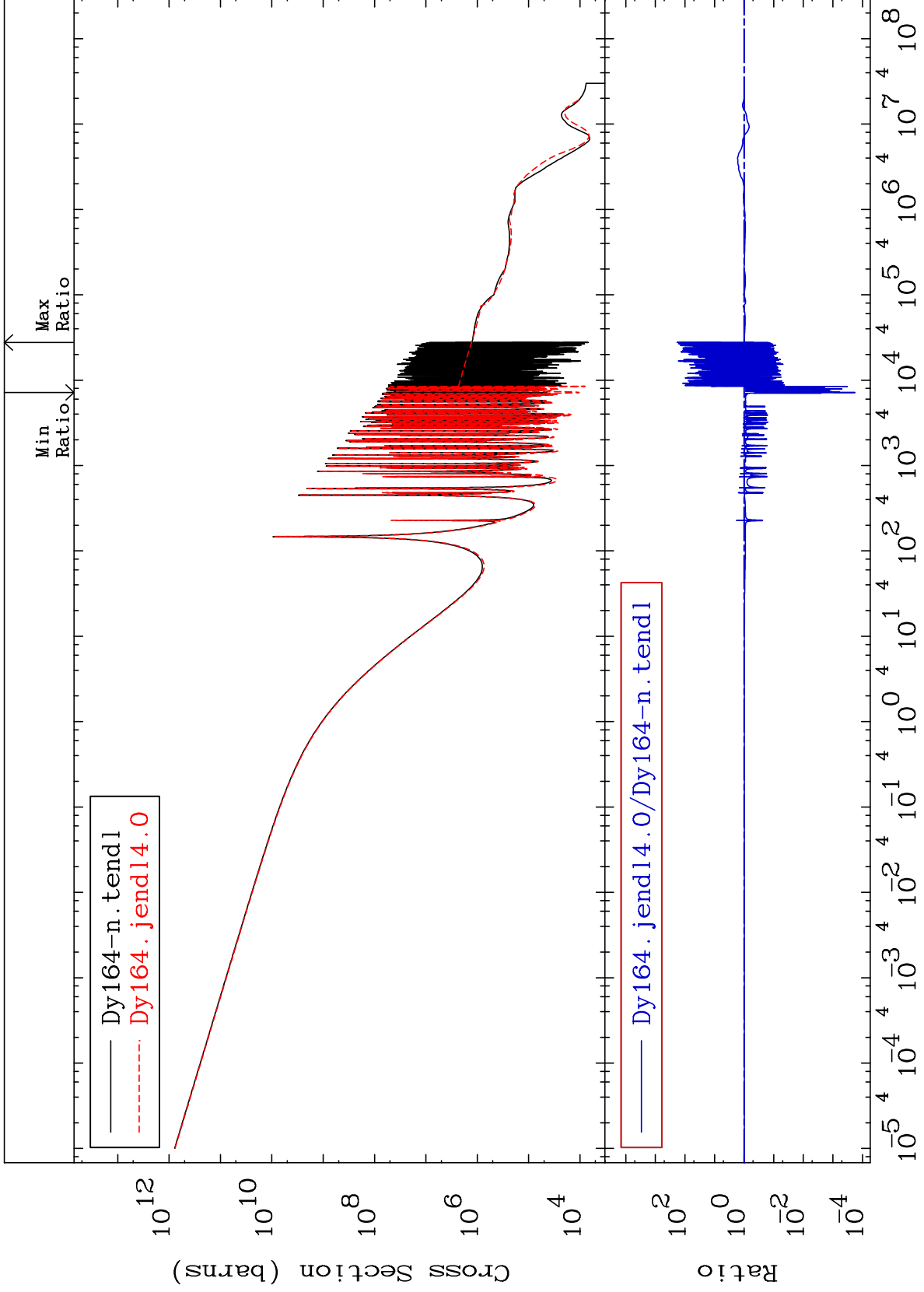
66-Dy-164
-37.87 To 41.89 %



MAT 6649

Kerma capture (mt102)
Cross Section

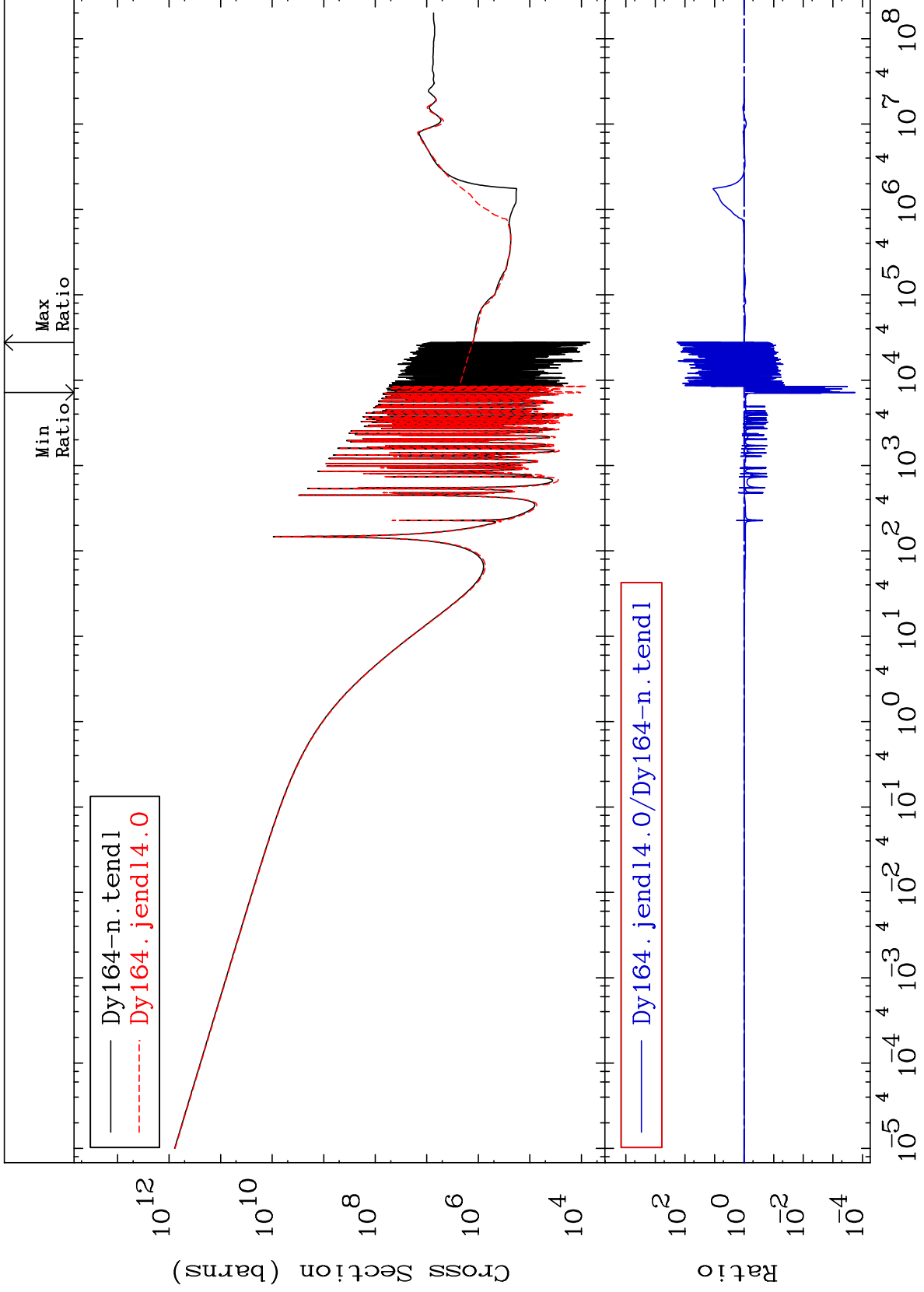
66-Dy-164
-99.98 To 9999. %



MAT 6649

Total photon (eV-barns)
Cross Section

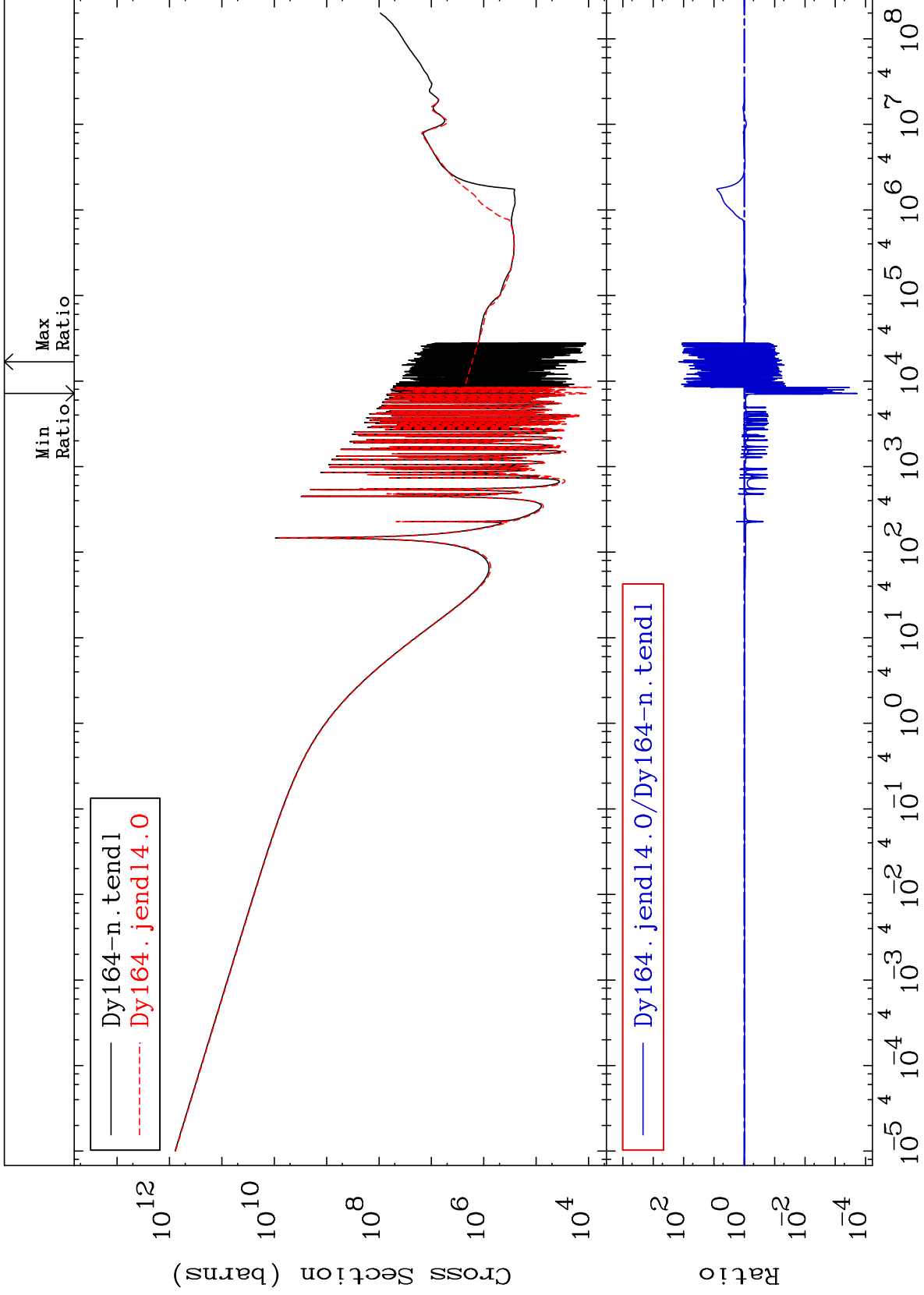
66-Dy-164
-99.98 To 9999. %



45

Incident Energy (eV)

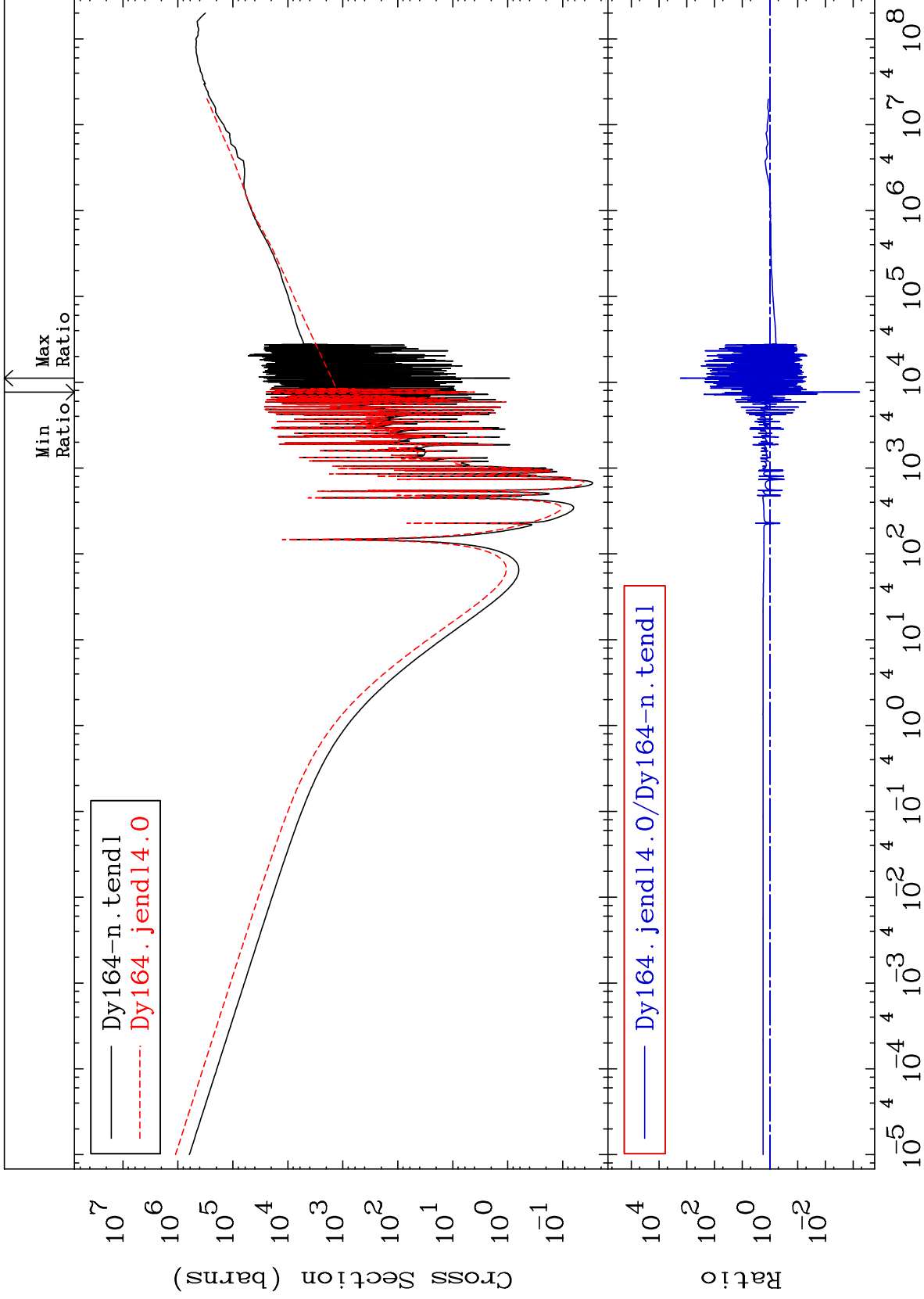
66-Dy-164

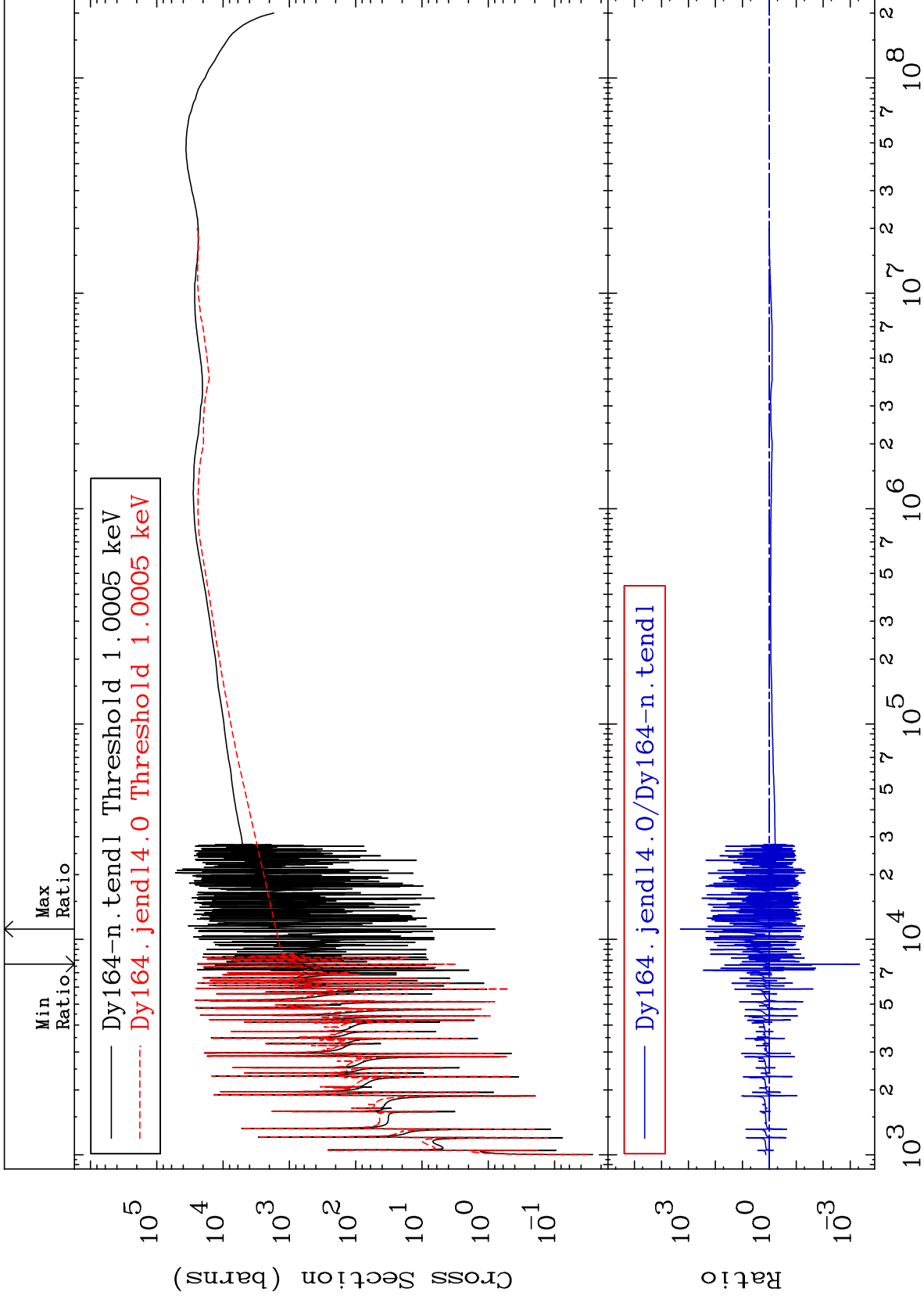


MAT 6649

Dpa total (eV-barns)
Cross Section

66-Dy-164
-99.94 To 9999. %

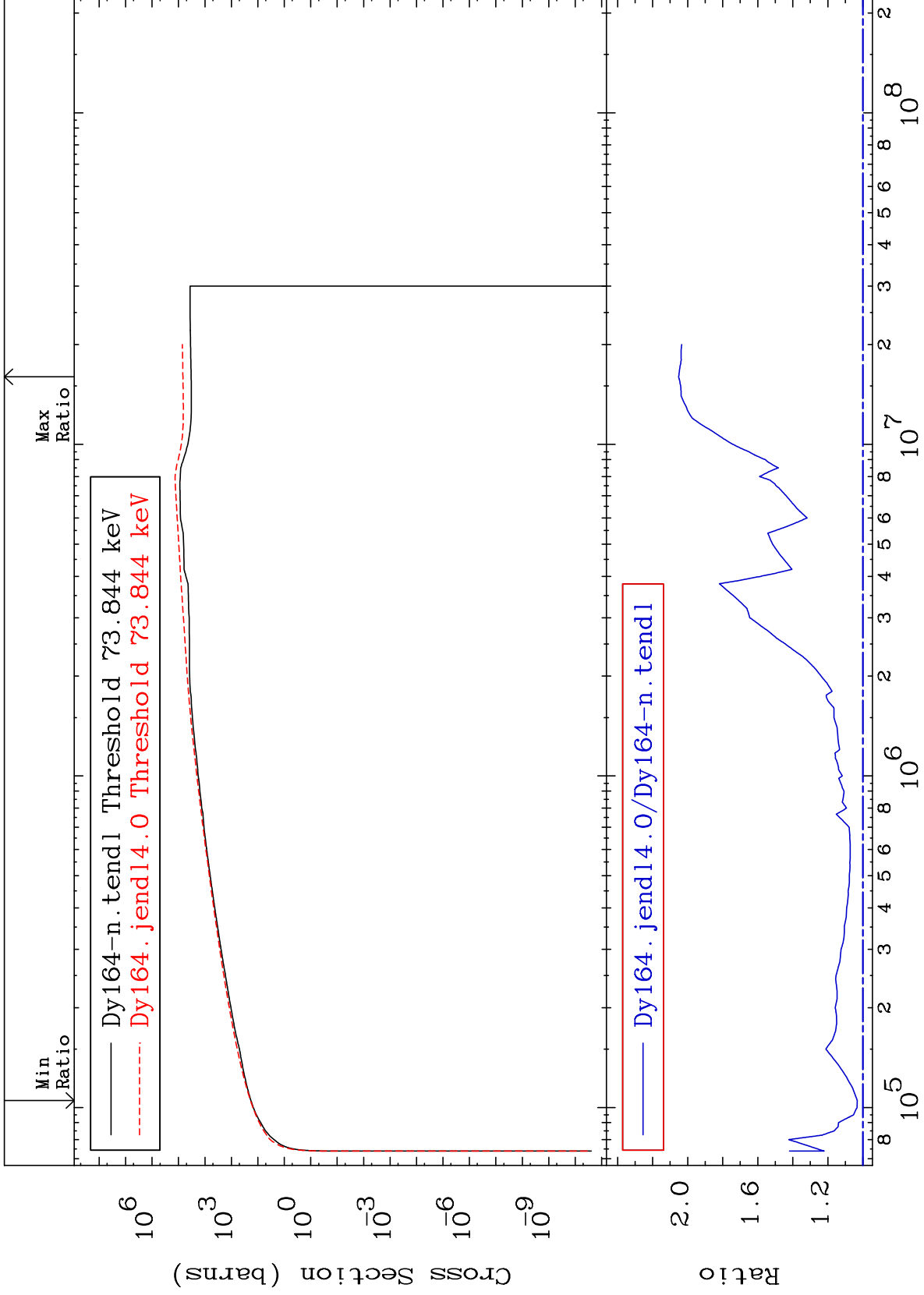




MAT 6649

Dpa inelastic (mt51-91)
Cross Section

66-Dy-164
3.217 To 105.2 %



MAT 6649

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-164
-99.96 To 9999. %

