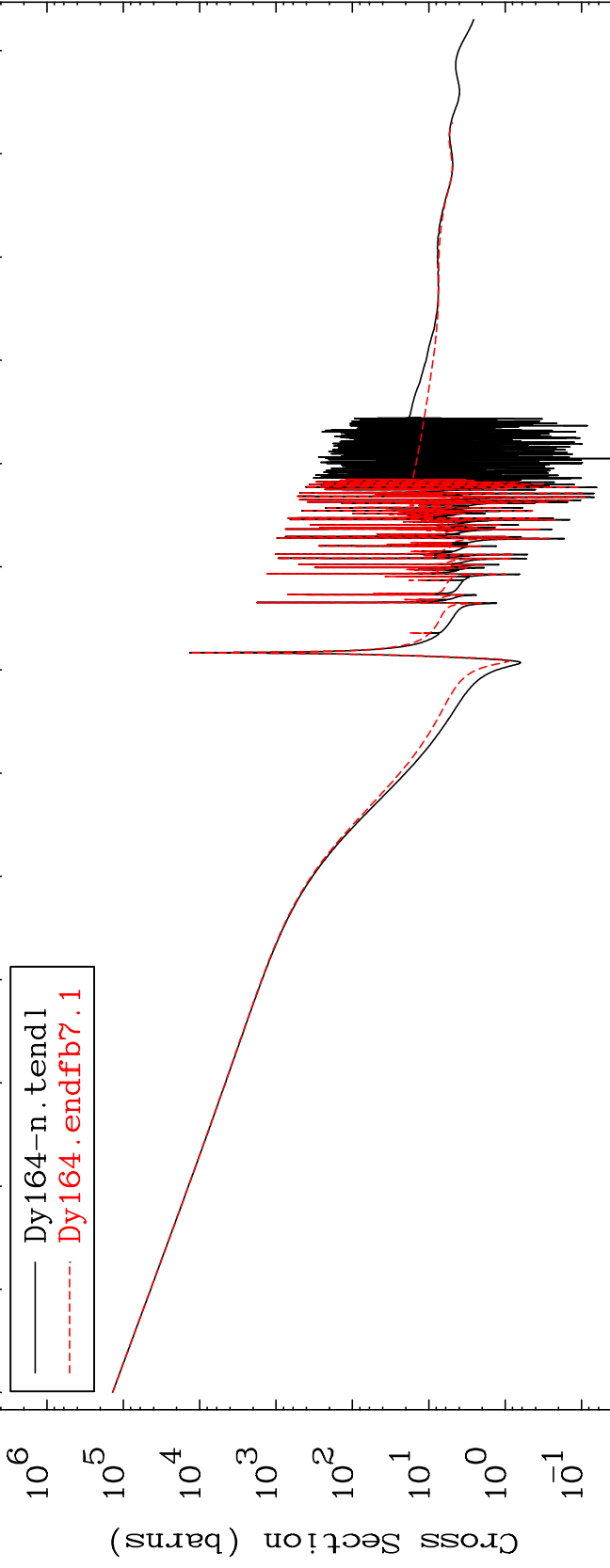


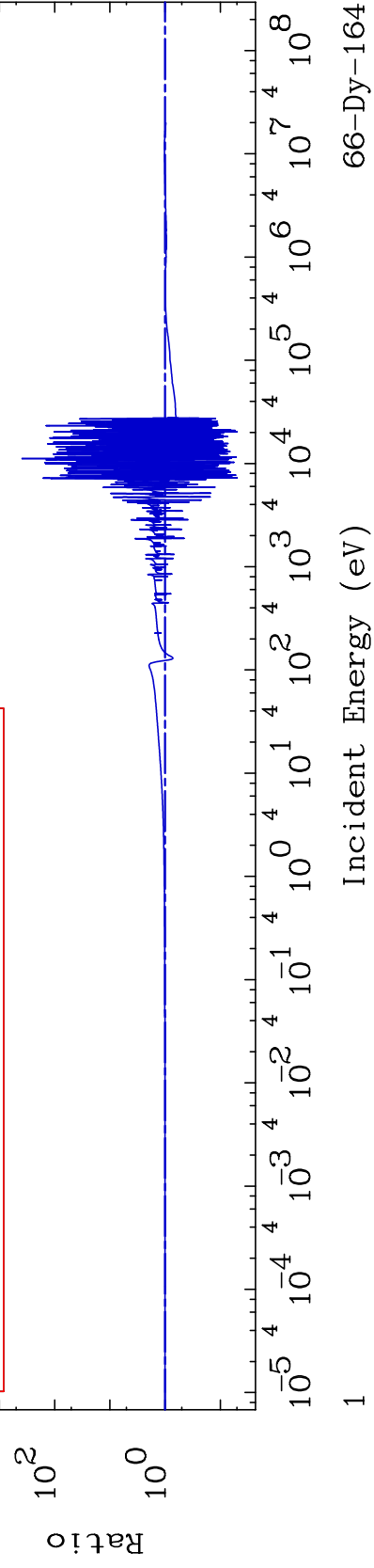
MAT 6649

Total
Cross Section

66-Dy-164
-95.05 To 9999. %



Dy164.endfb7.1/Dy164-n.tendl



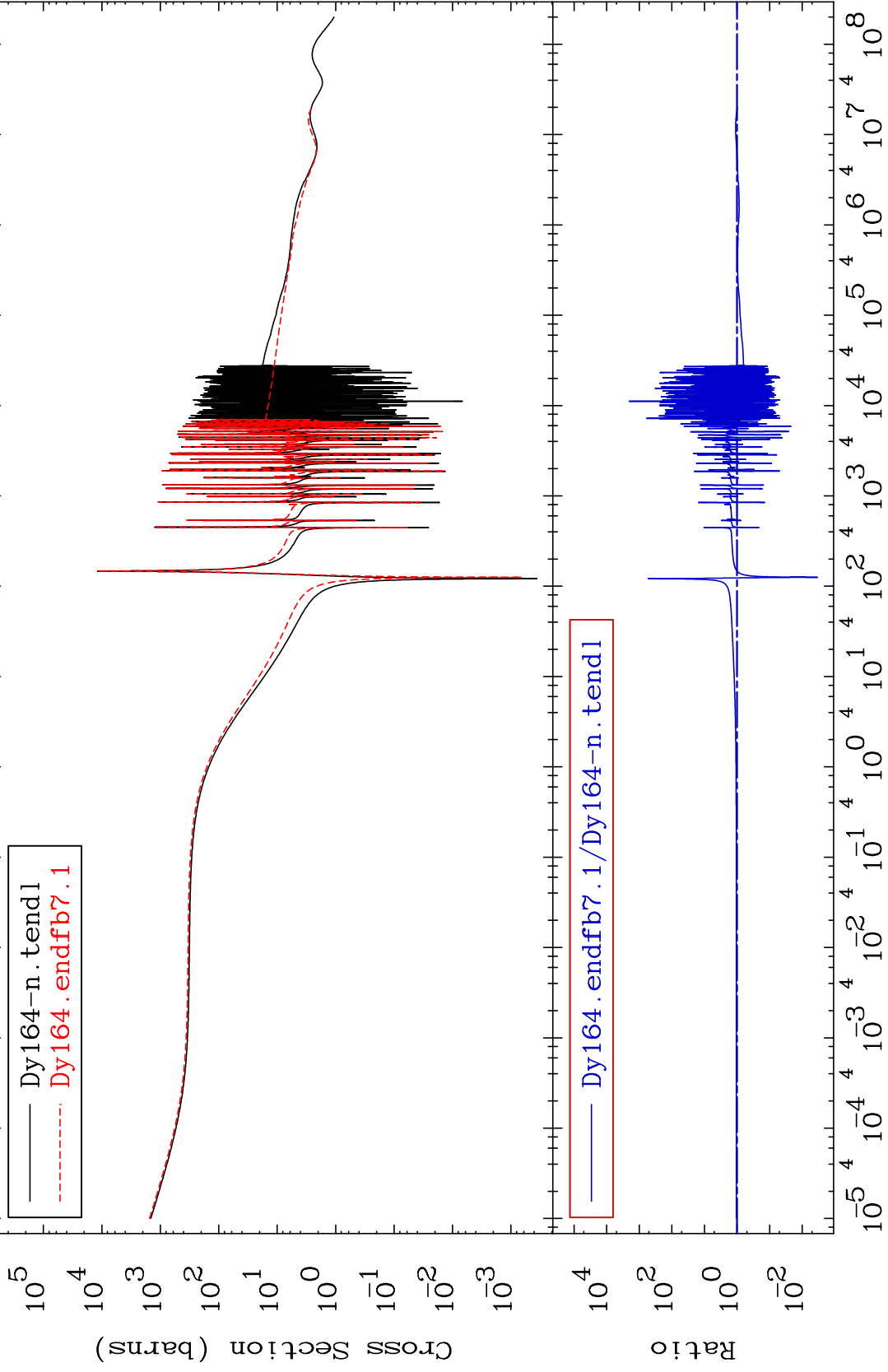
Incident Energy (eV)

66-Dy-164

MAT 6649

Elastic
Cross Section

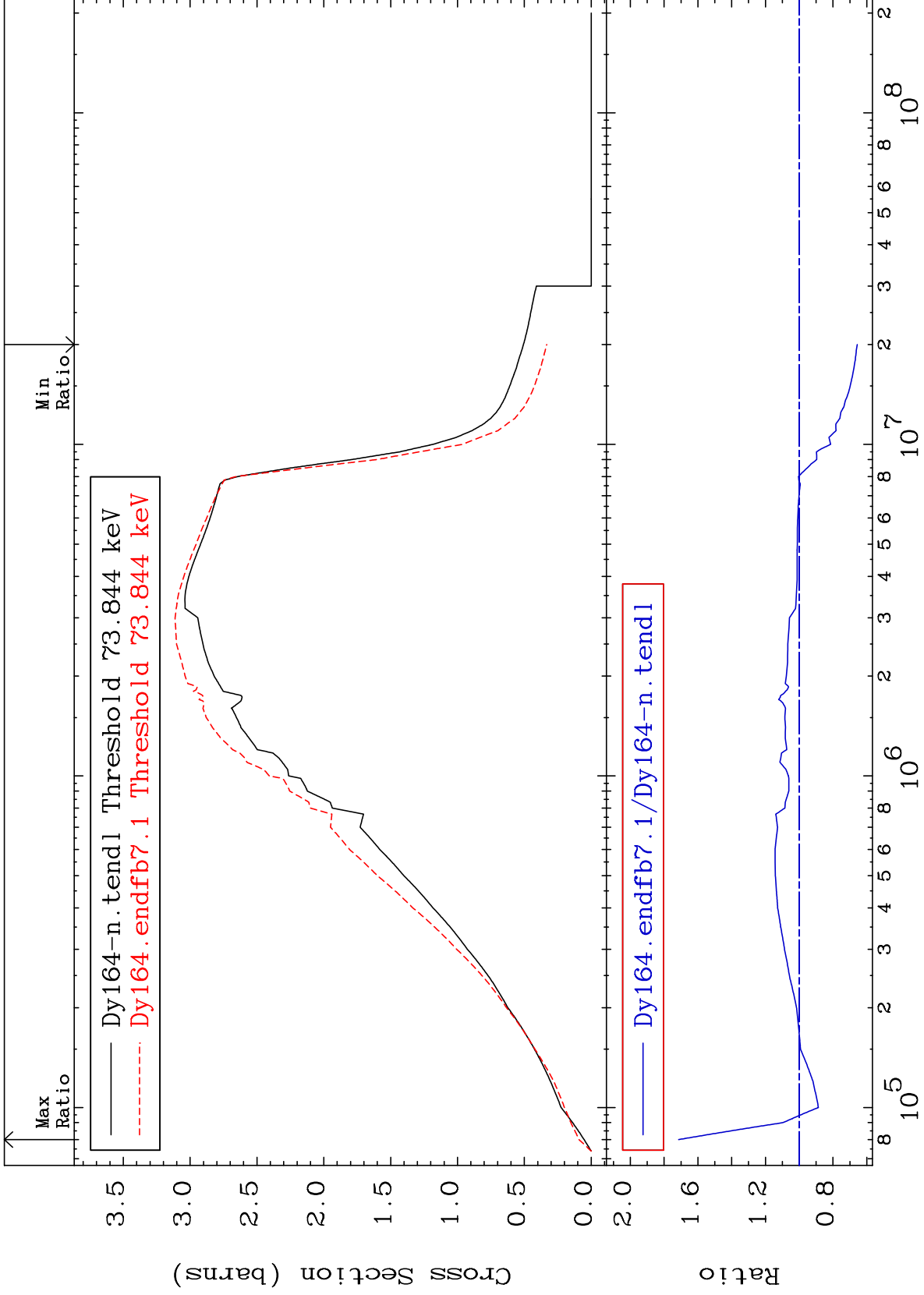
66-Dy-164
-99.66 To 9999. %



MAT 6649

Inelastic
Cross Section

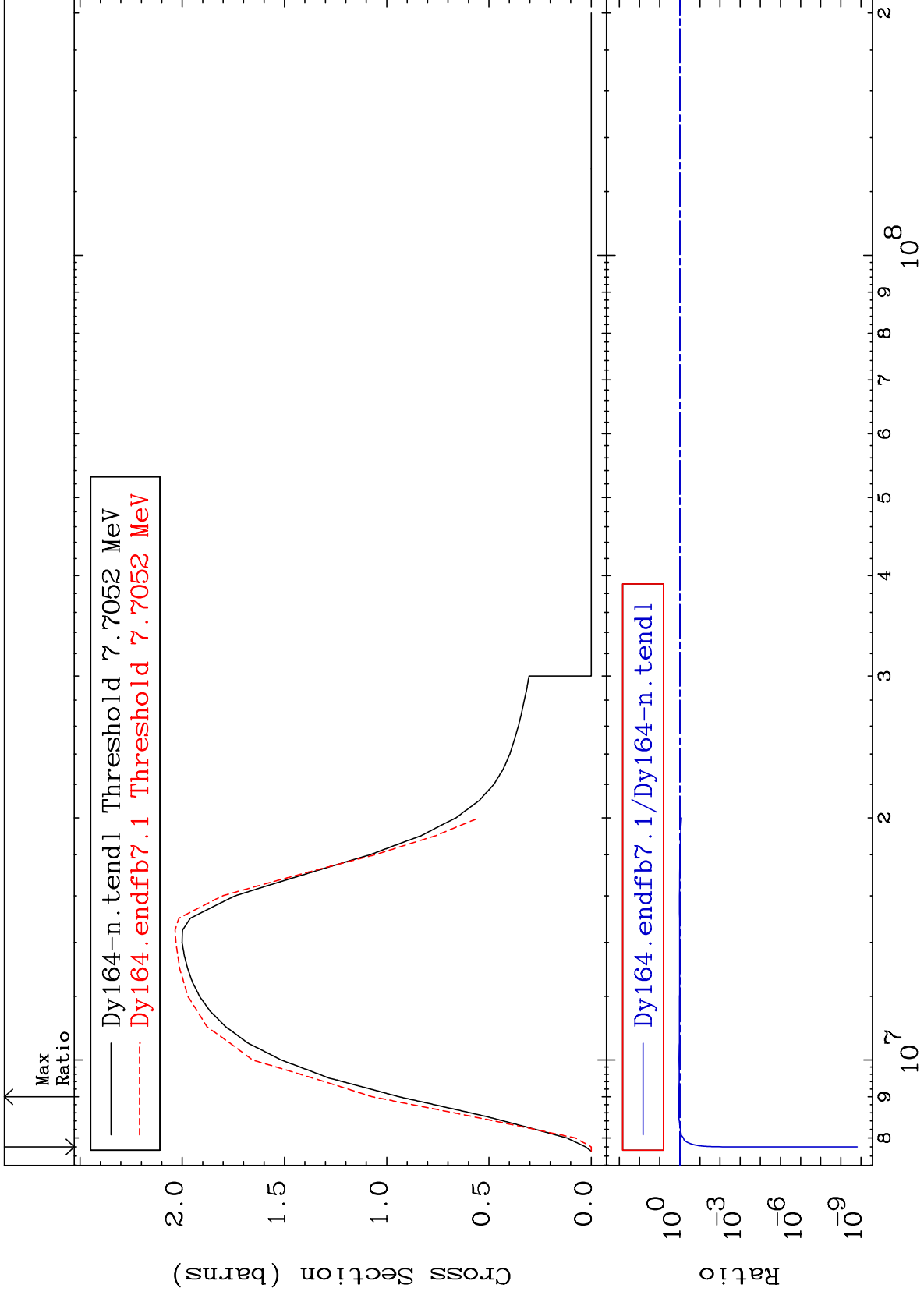
66-Dy-164
-34.37 To 71.41 %



MAT 6649

(n,2n)
Cross Section

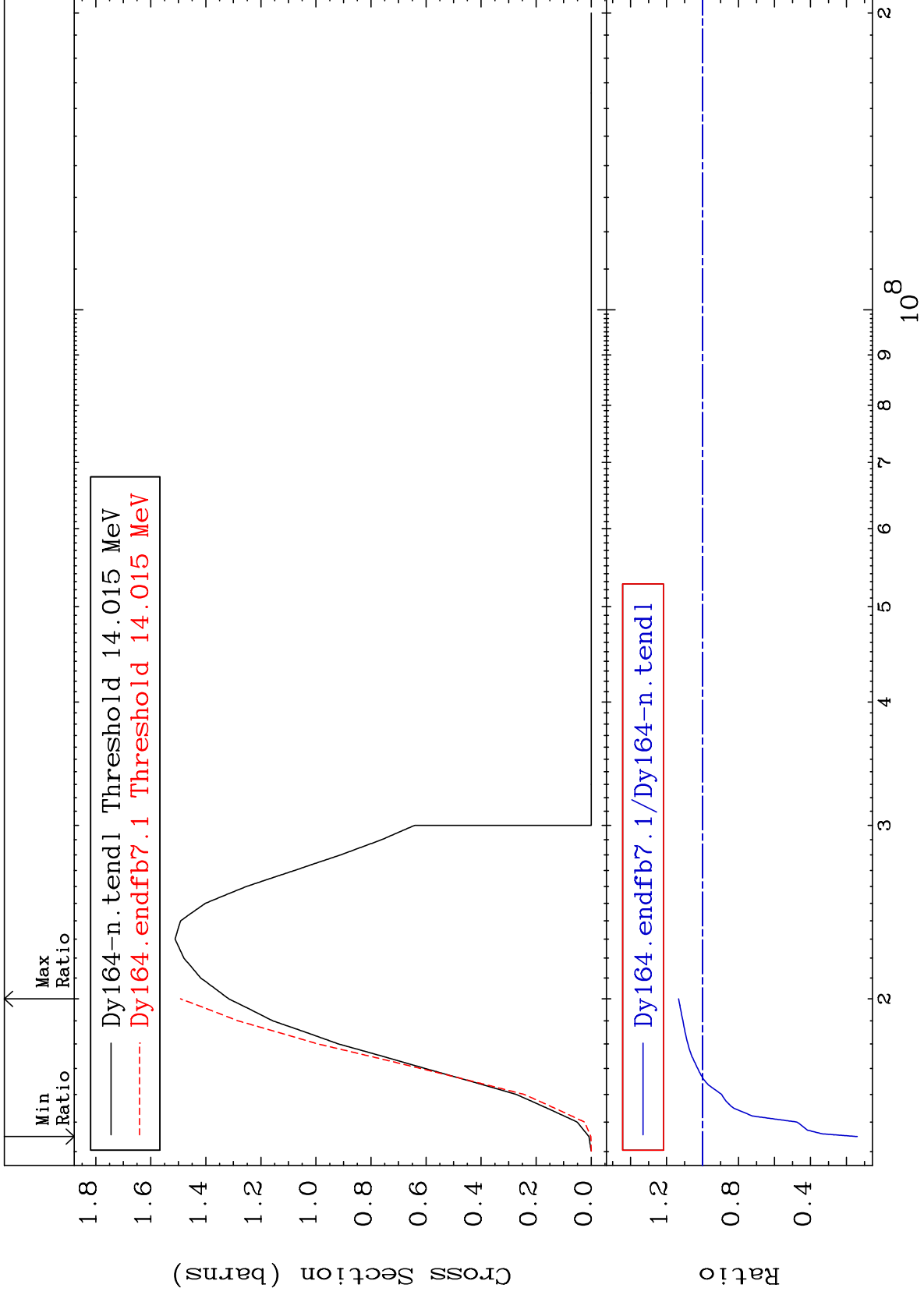
66-Dy-164
-100.0 To 13.98 %



MAT 6649

(n,3n)
Cross Section

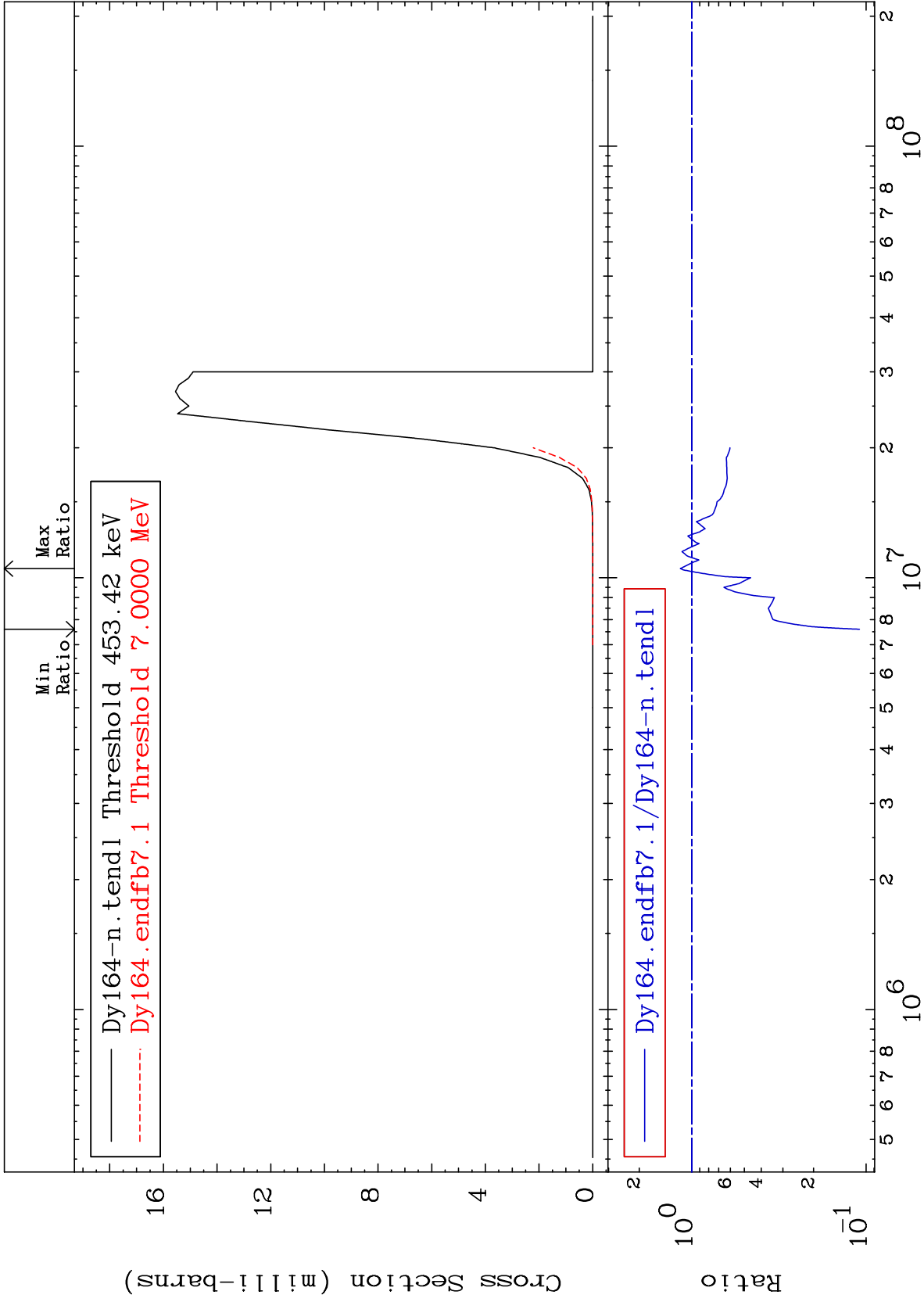
66-Dy-164
-85.96 To 13.30 %



MAT 6649

66-Dy-164
-89.08 To 16.21 %

(n, n') α
Cross Section



6

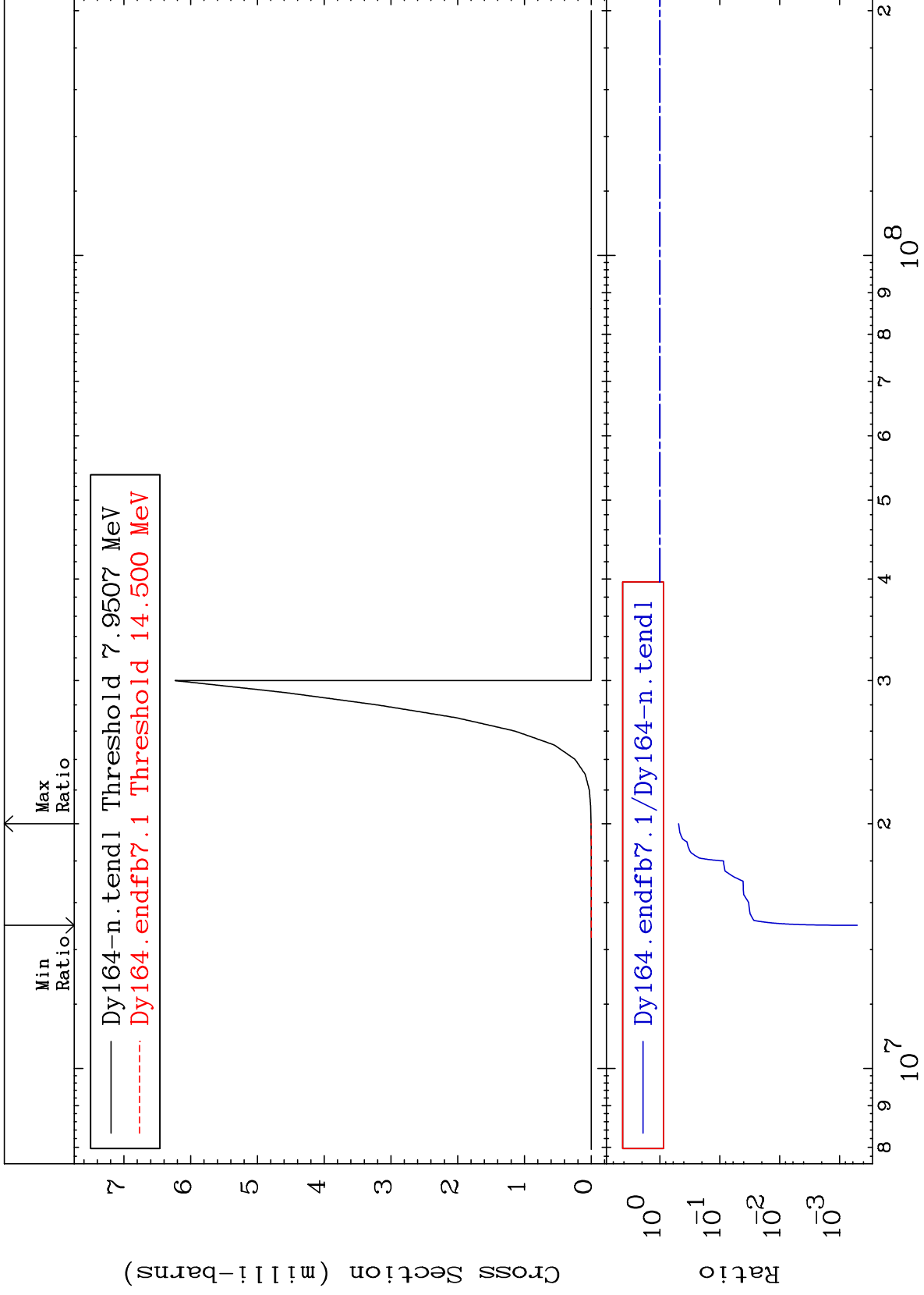
Incident Energy (eV)

66-Dy-164

MAT 6649

(n,2n) α
Cross Section

66-Dy-164
-99.95 To -51.23%



7

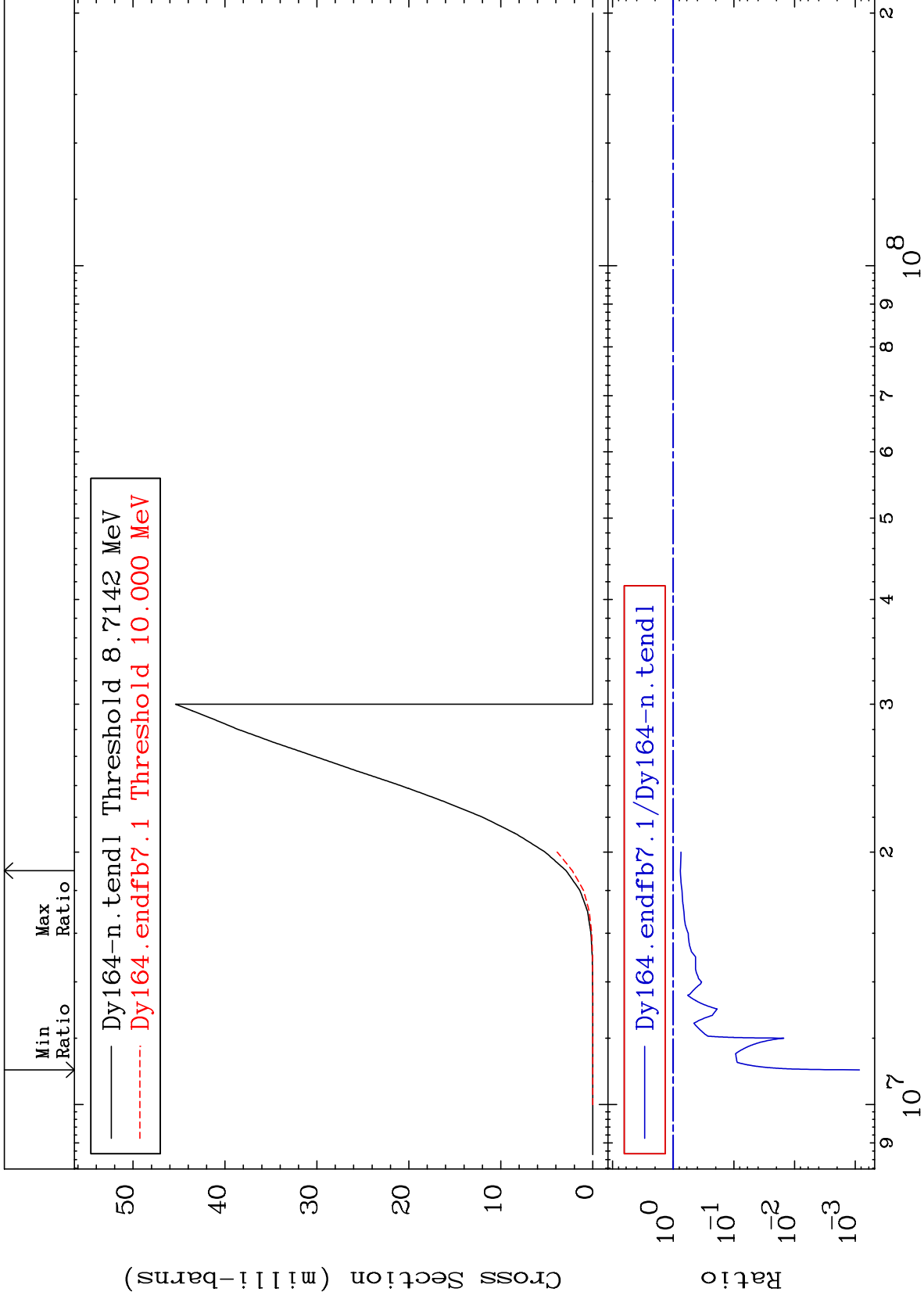
Incident Energy (eV)

66-Dy-164

MAT 6649

(n,n') p
Cross Section

66-Dy-164
-99.91 To -23.51%



8

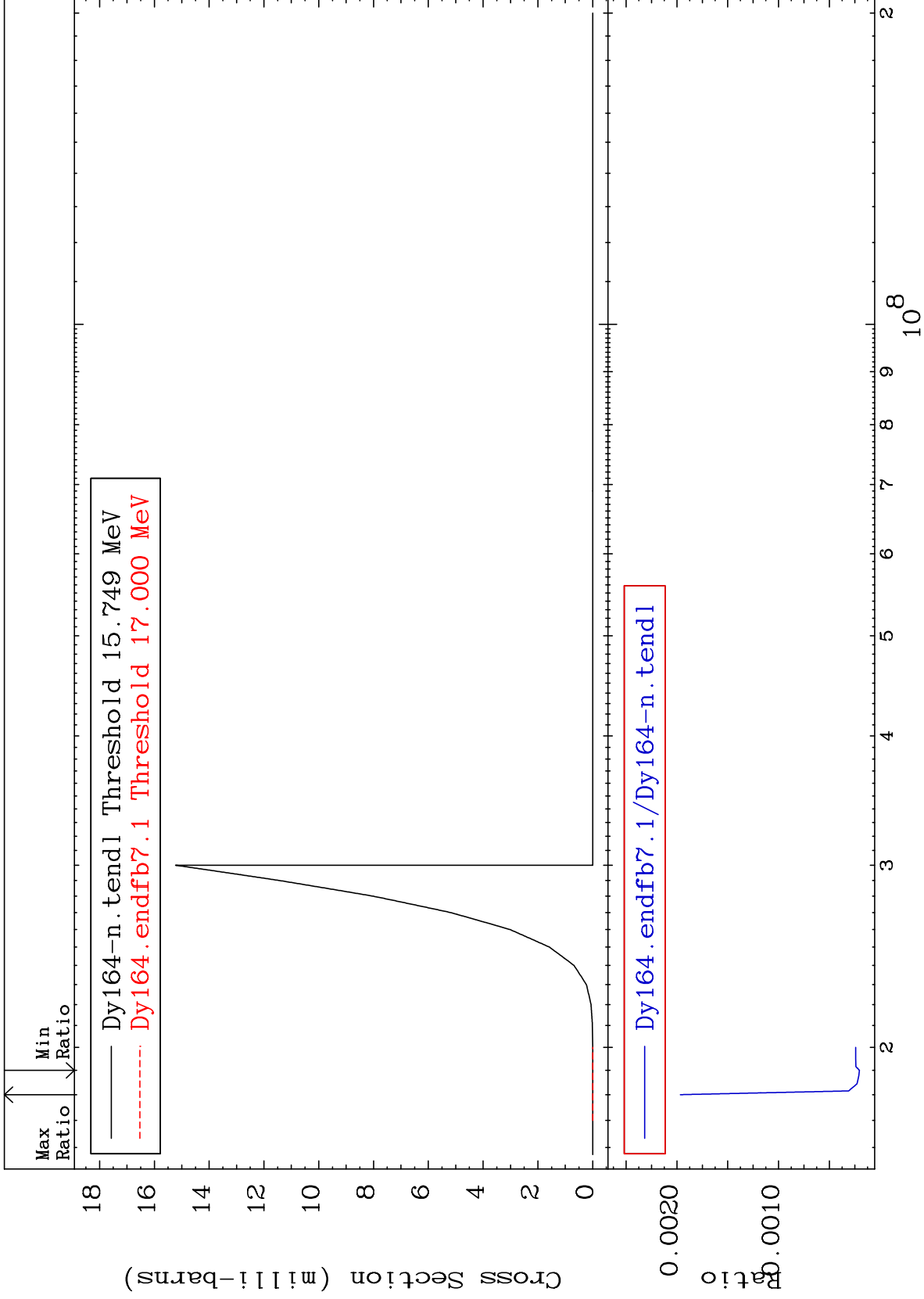
Incident Energy (eV)

66-Dy-164

MAT 6649

(n,2n) p
Cross Section

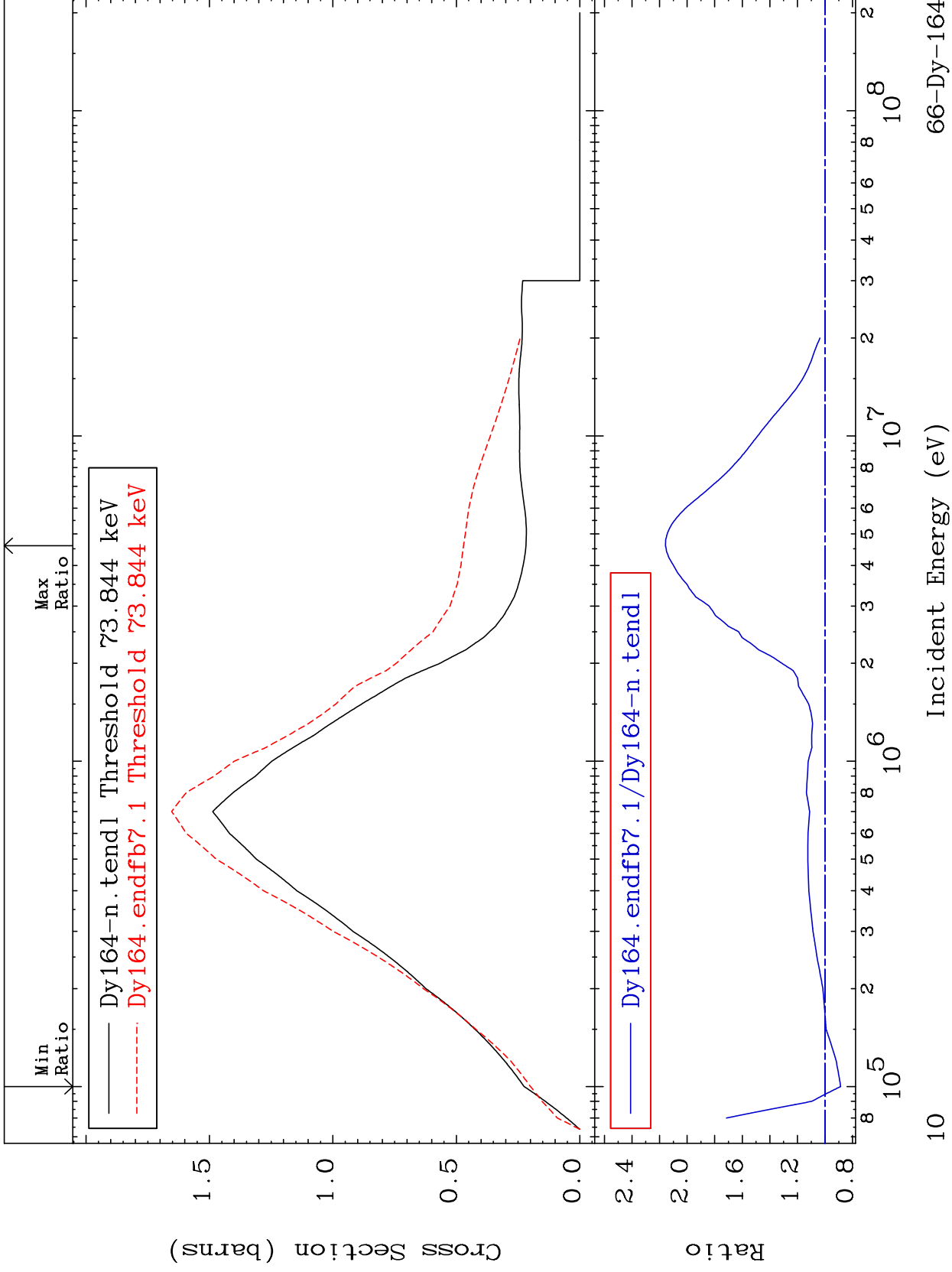
66-Dy-164
-99.98 To -99.80%



MAT 6649

73.39 keV (n,n') Level
Cross Section

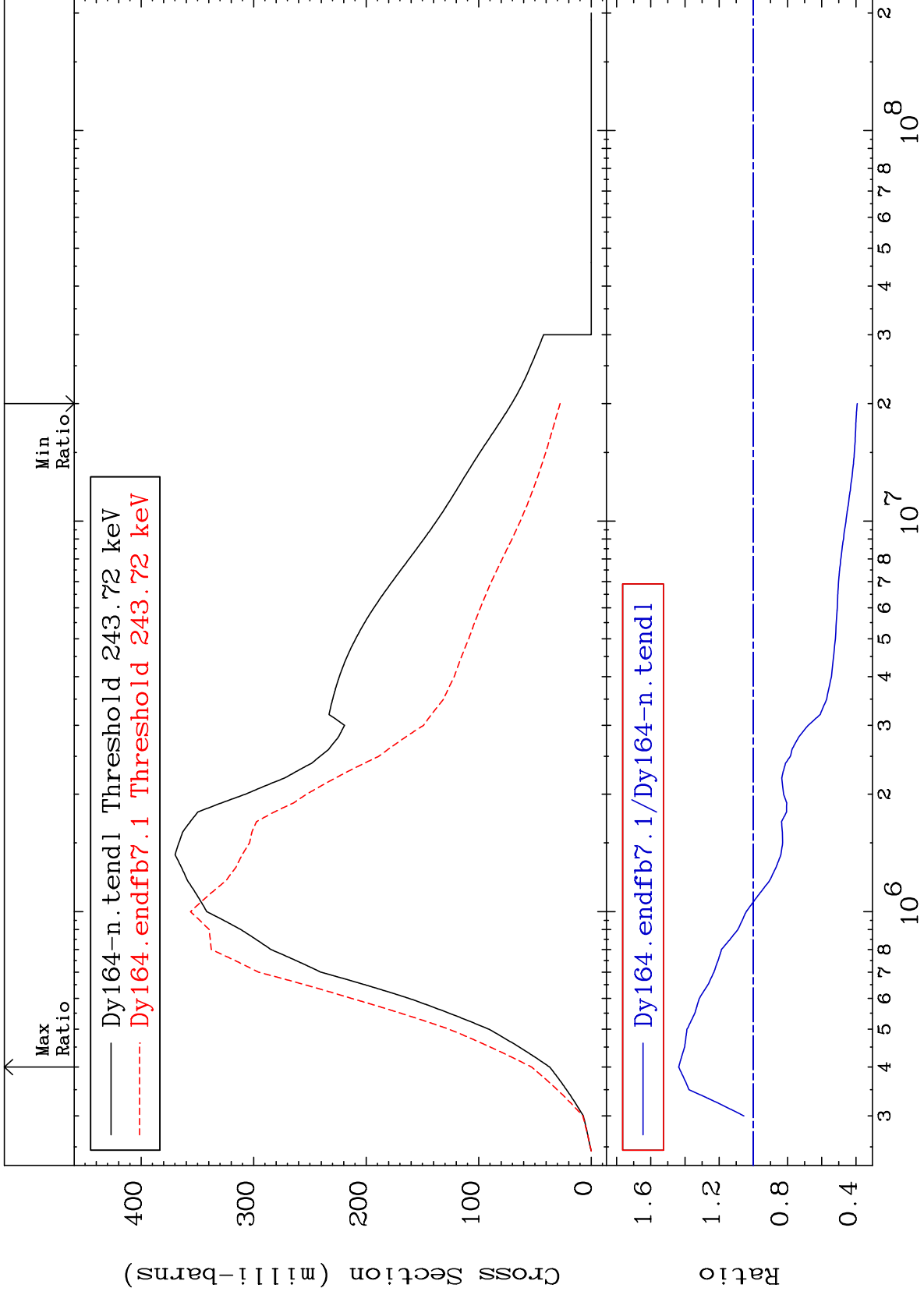
66-Dy-164
-11.38 To 115.7 %



MAT 6649

242.2 keV (n,n') Level
Cross Section

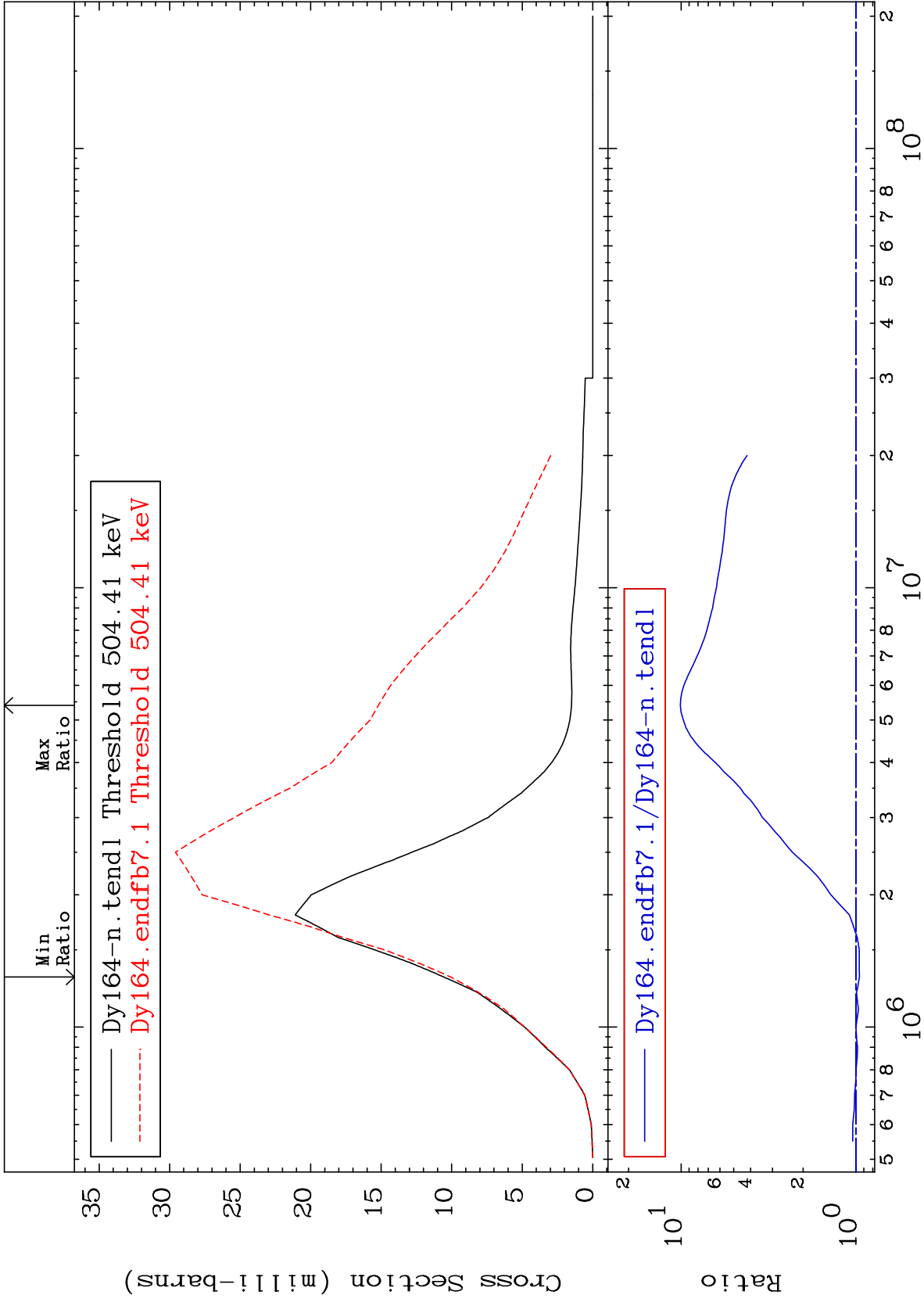
66-Dy-164
-60.79 To 43.70 %



MAT 6649

501.3 keV (n,n') Level
Cross Section

66-Dy-164
-4.635 To 909.8 %



12

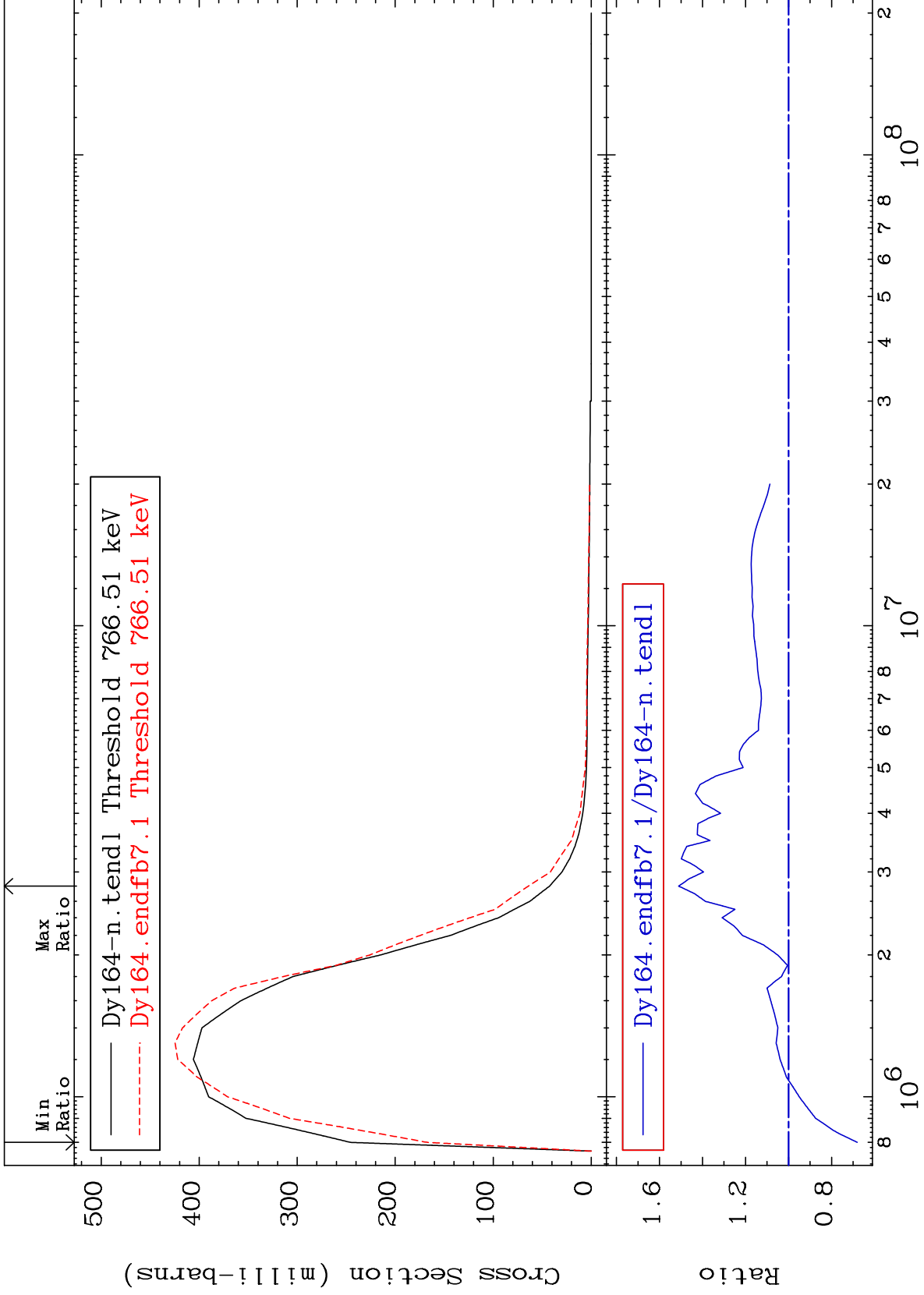
Incident Energy (eV)

66-Dy-164

MAT 6649

761.8 keV (n,n') Level
Cross Section

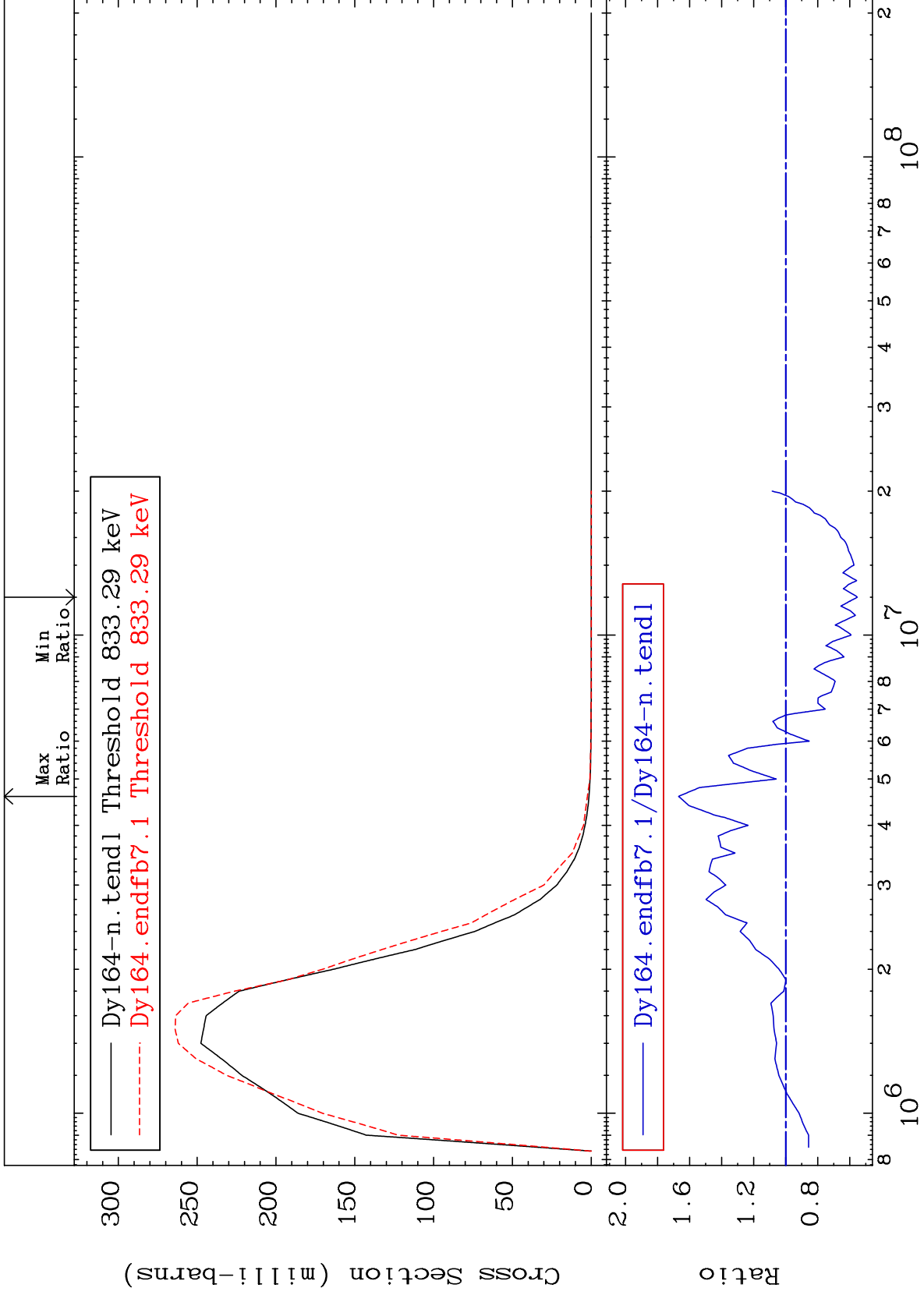
66-Dy-164
-31.91 To 51.09 %



MAT 6649

828.2 keV (n,n') Level
Cross Section

66-Dy-164
-44.62 To 66.91 %



14

Incident Energy (eV)

66-Dy-164

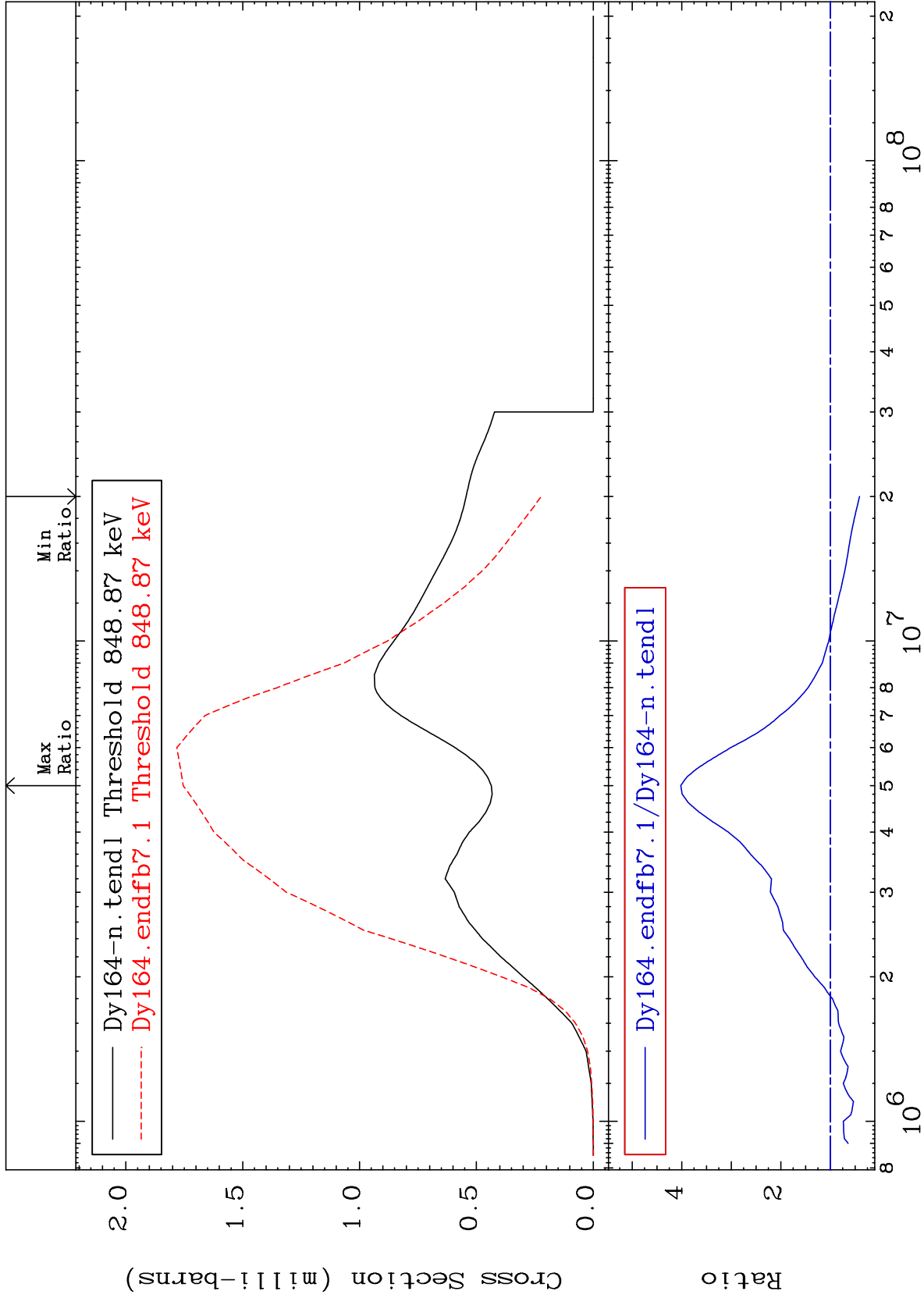
MAT 6649

843.7 keV (n,n') Level

66-Dy-164

-59.00 To 301.9 %

Cross Section



15

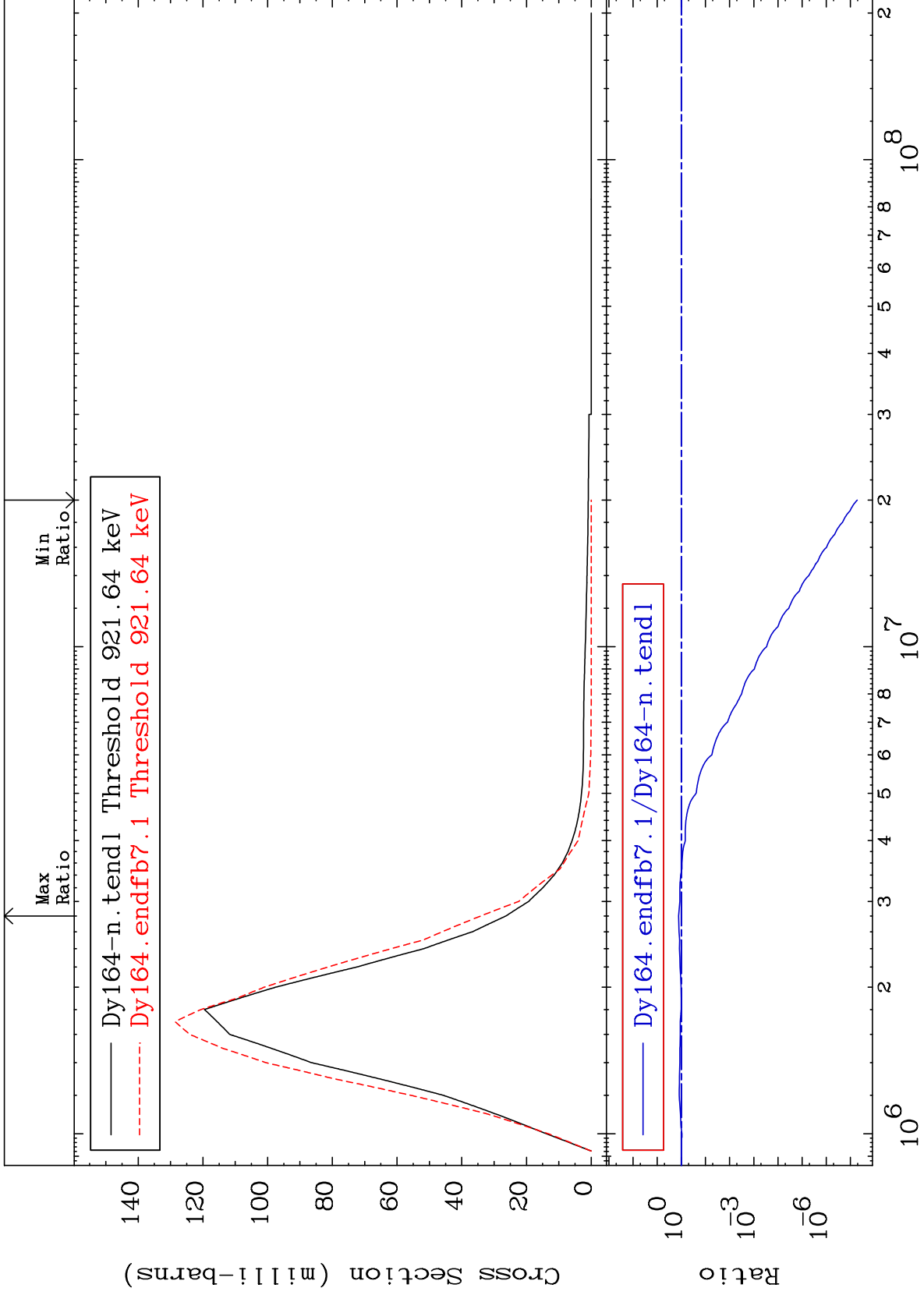
Incident Energy (eV)

66-Dy-164

MAT 6649

916.0 keV (n,n') Level
Cross Section

66-Dy-164
-100.0 To 29.71 %



16

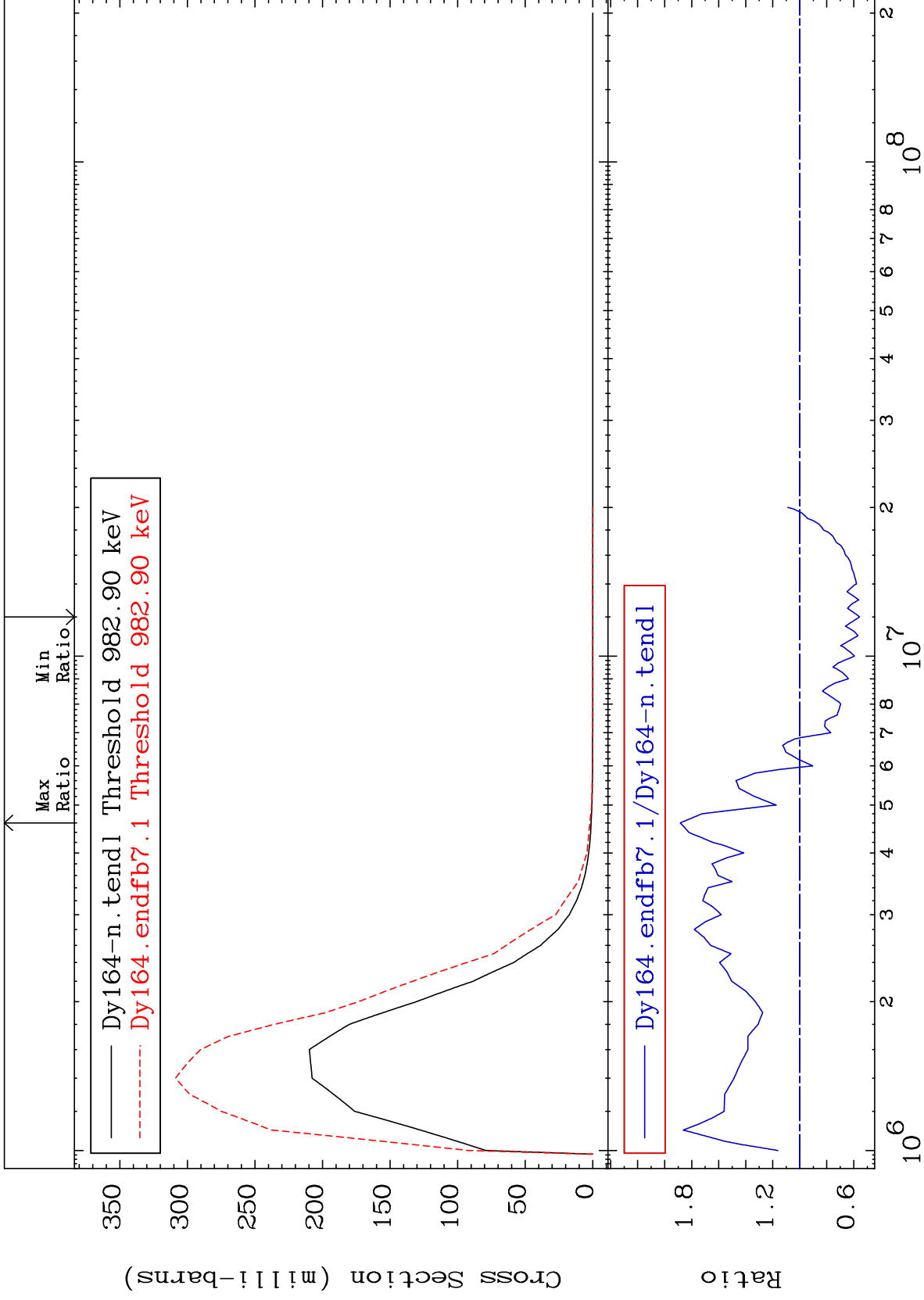
Incident Energy (eV)

66-Dy-164

MAT 6649

976.9 keV (n,n') Level
Cross Section

66-Dy-164
-44.17 To 88.39 %



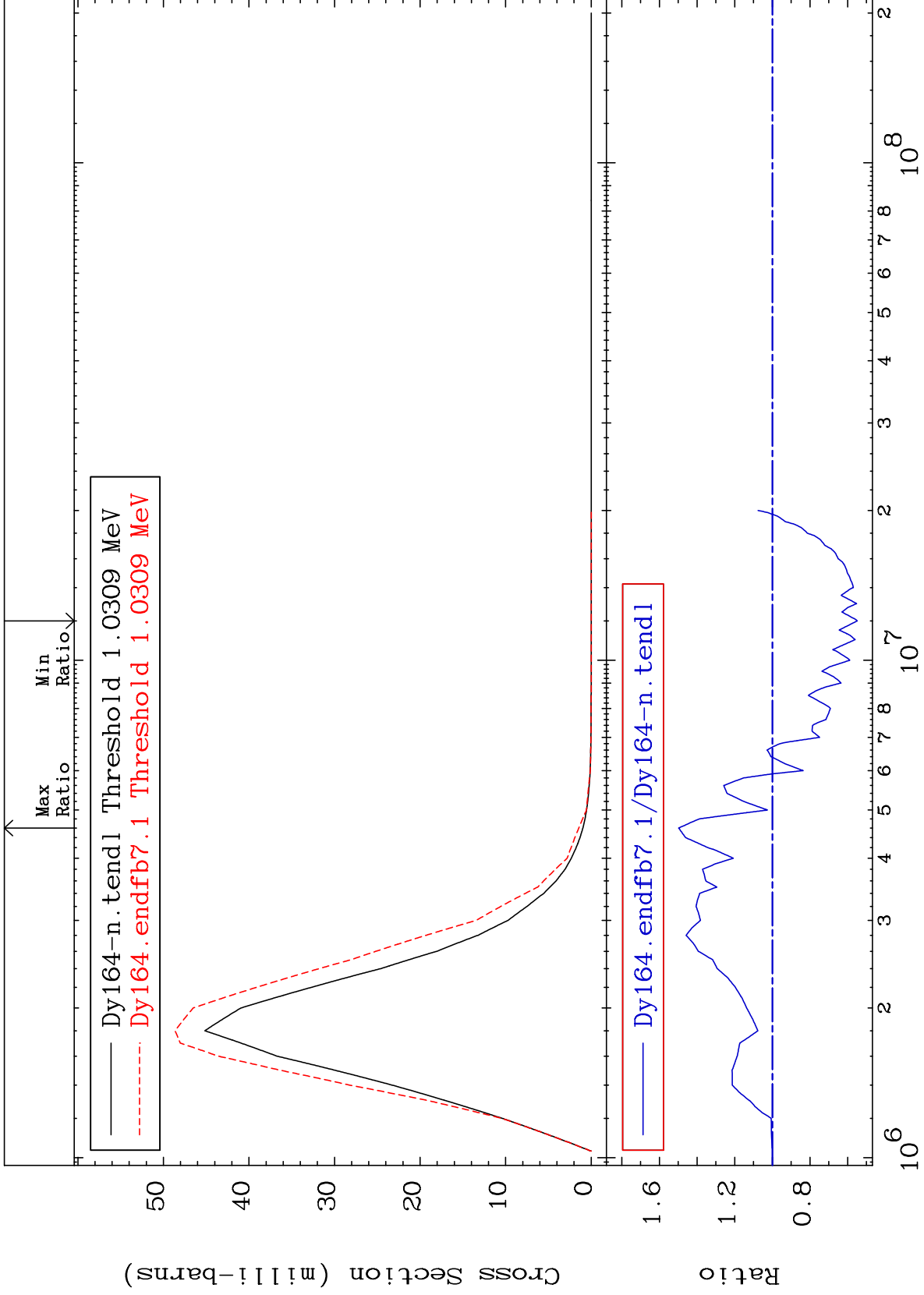
Incident Energy (eV)

66-Dy-164

MAT 6649

1.025 MeV (n,n') Level
Cross Section

66-Dy-164
-45.13 To 49.80 %



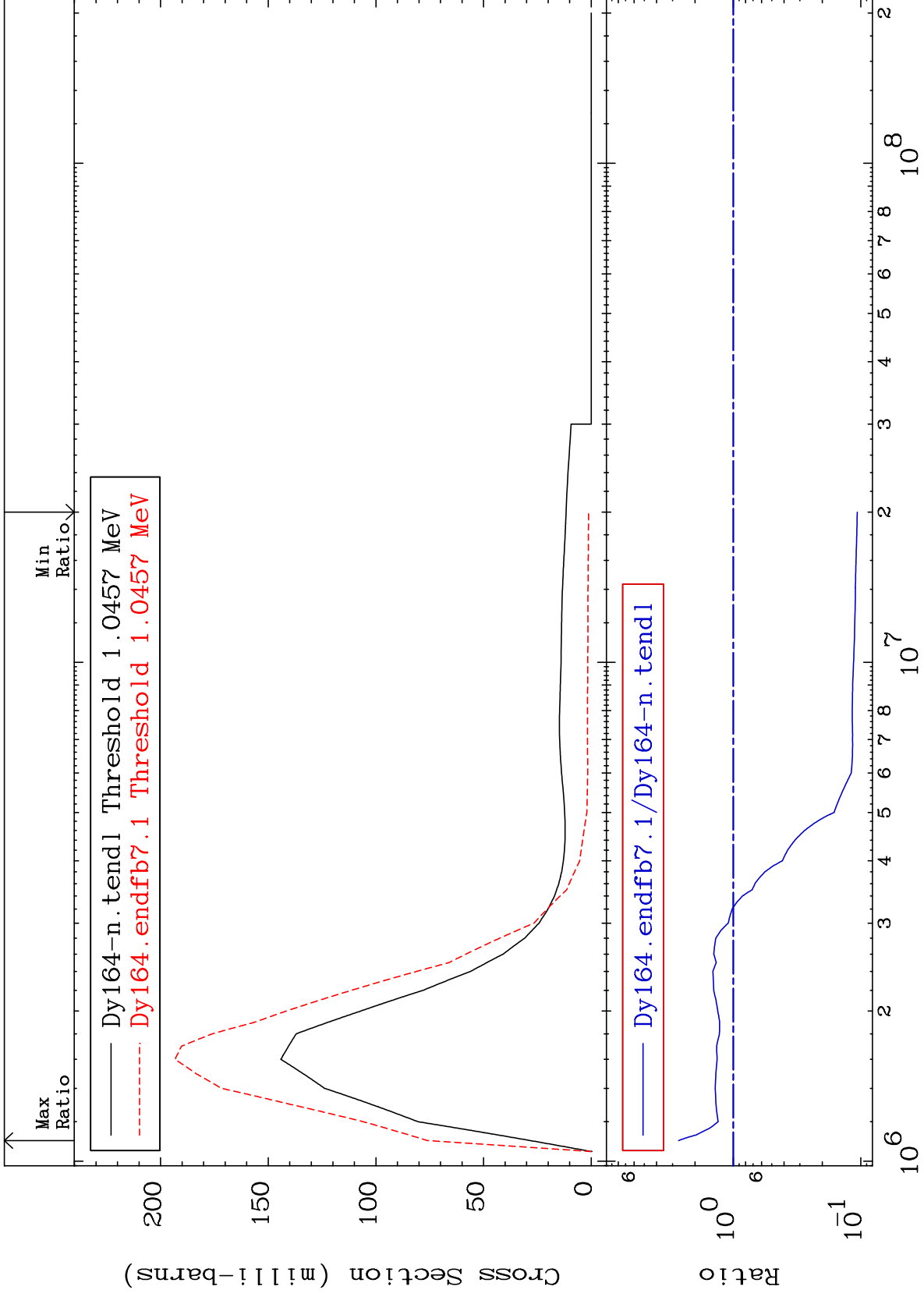
18

66-Dy-164

MAT 6649

1.039 MeV (n,n') Level
Cross Section

66-Dy-164
-89.35 To 168.6 %



19

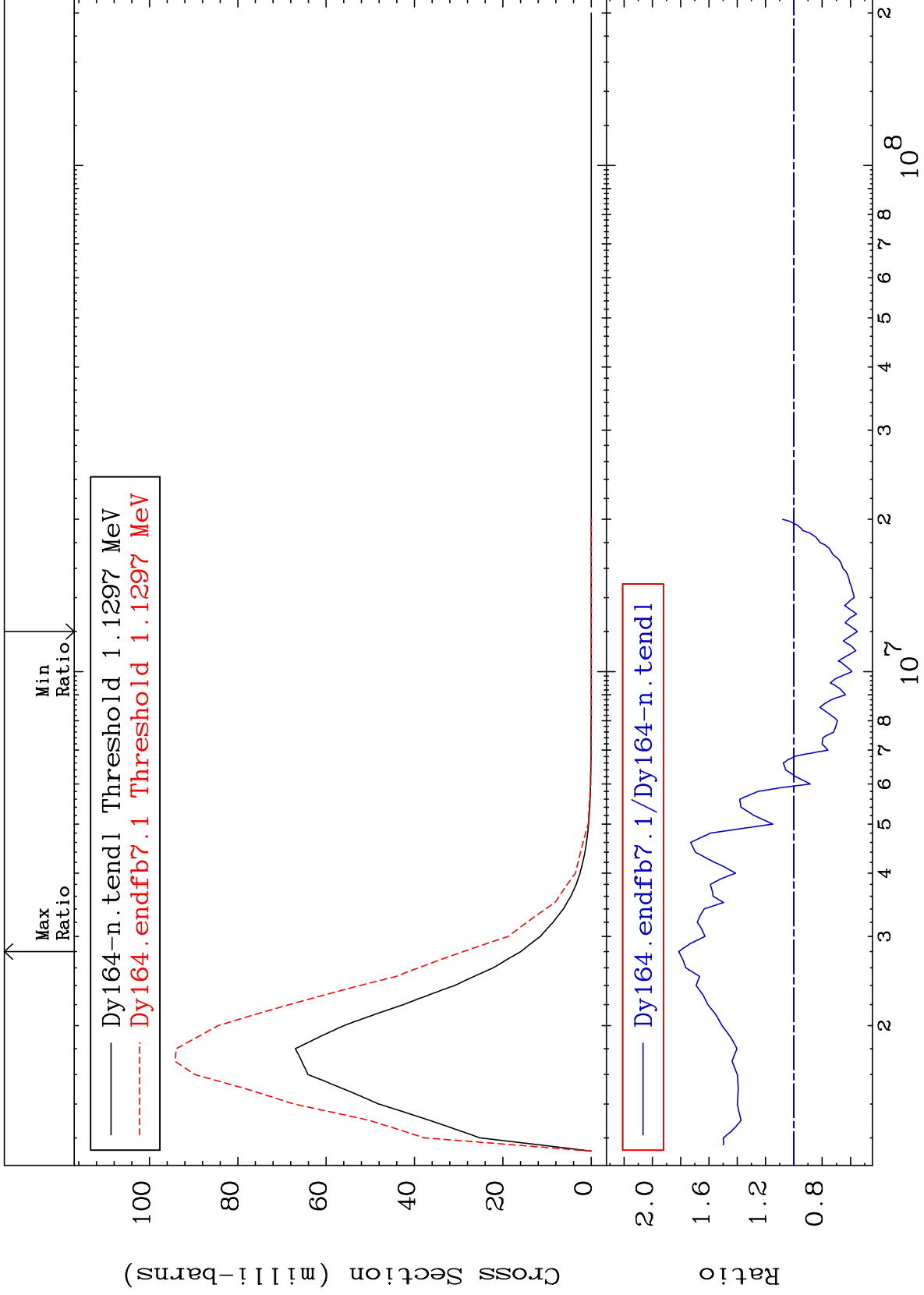
66-Dy-164

66-Dy-164

MAT 6649

1.123 MeV (n,n') Level
Cross Section

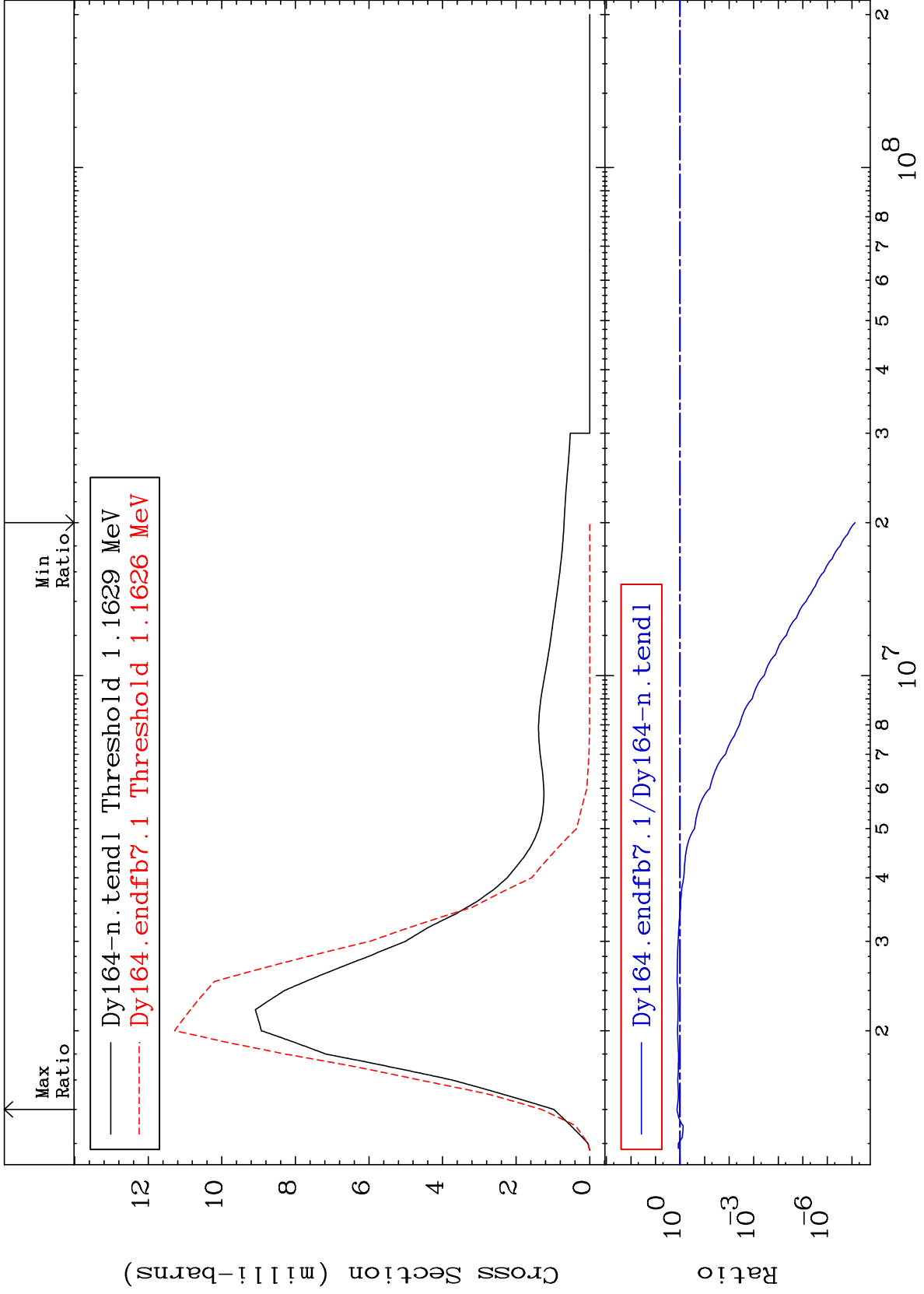
66-Dy-164
-44.77 To 81.45 %



MAT 6649

1.156 MeV (n,n') Level
Cross Section

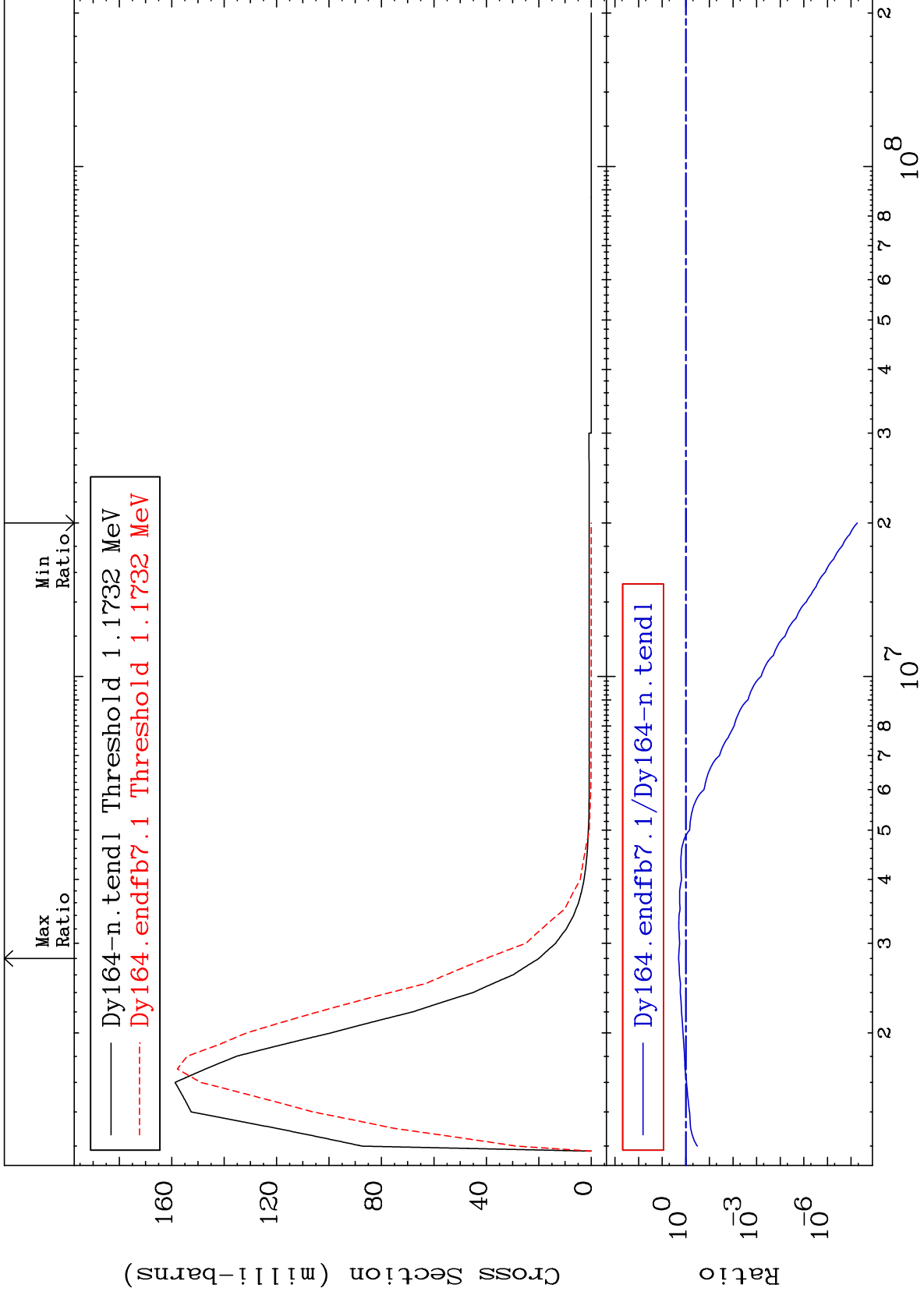
66-Dy-164
-100.0 To 34.28 %



MAT 6649

1.166 MeV (n,n') Level
Cross Section

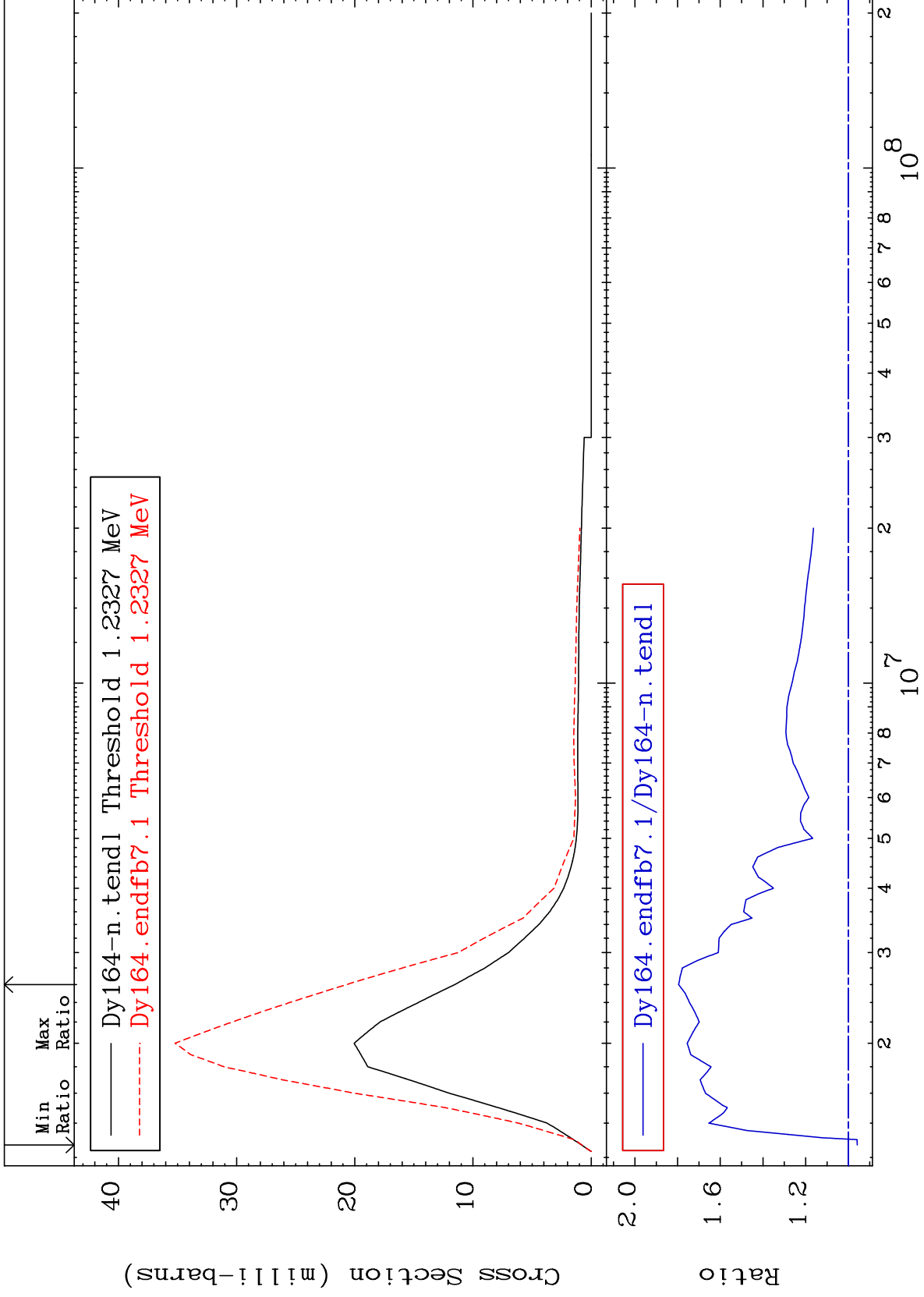
66-Dy-164
-100.0 To 101.1 %



MAT 6649

1.225 MeV (n,n') Level
Cross Section

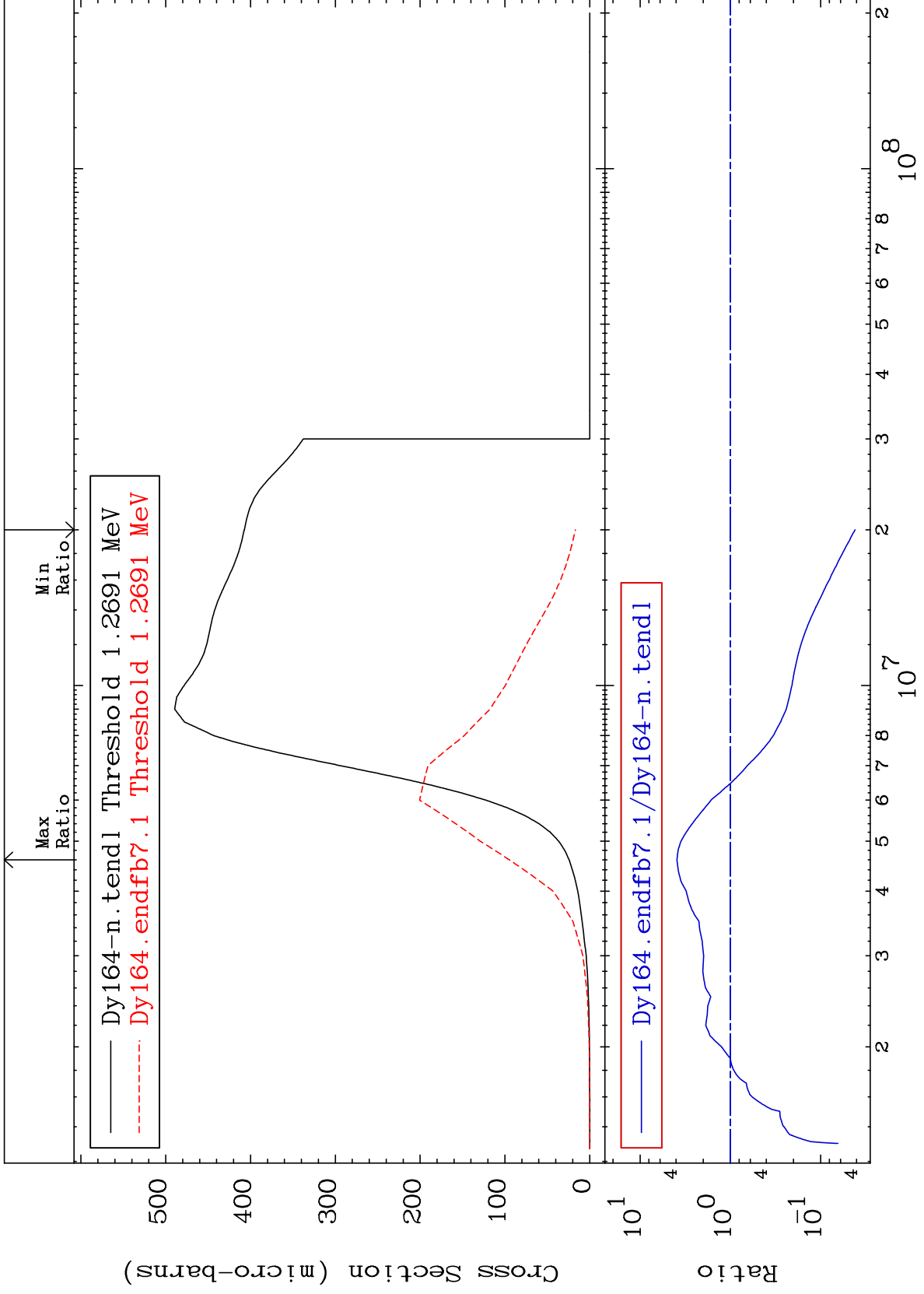
66-Dy-164
-4.162 To 79.51 %



MAT 6649

1.261 MeV (n,n') Level
Cross Section

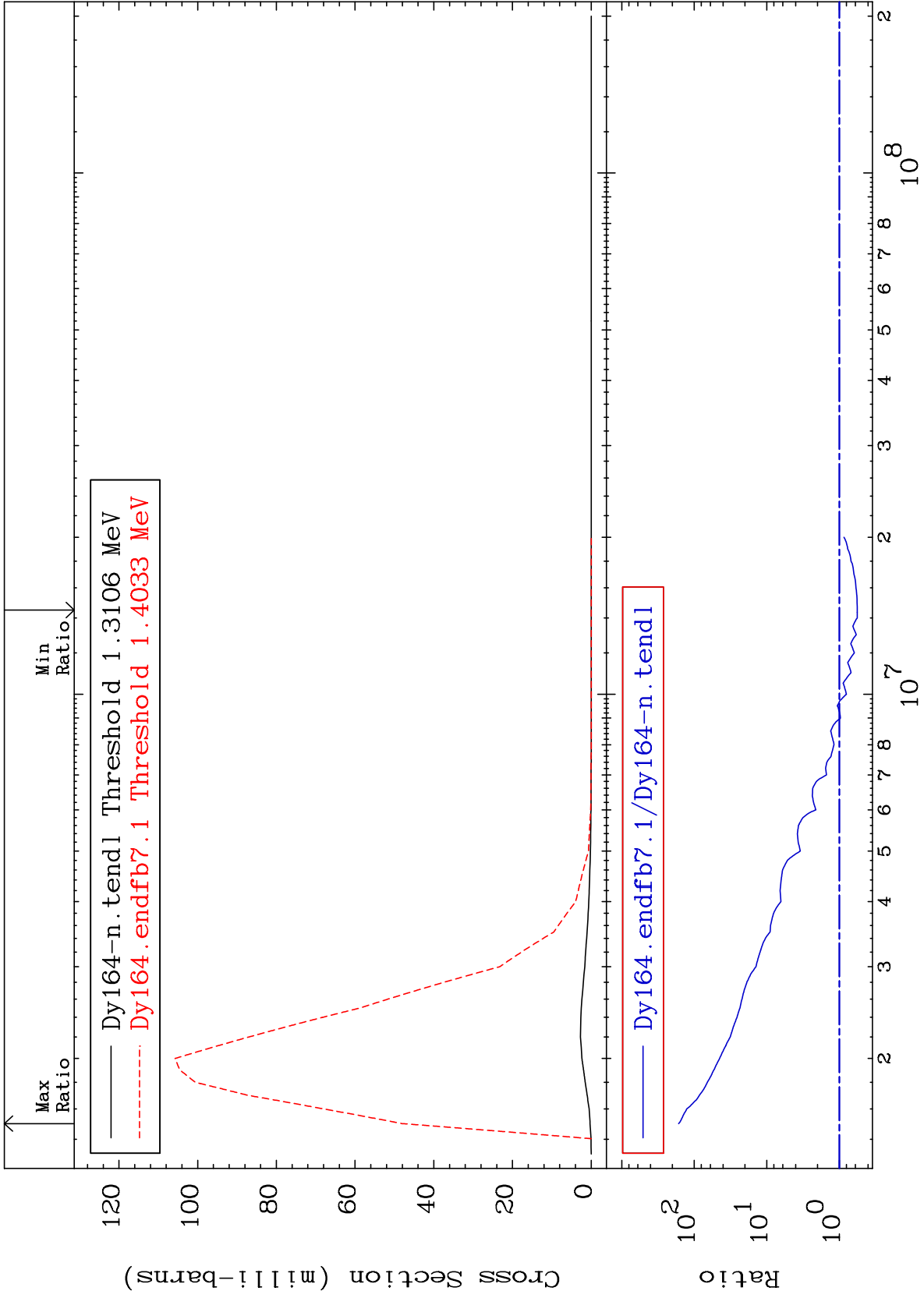
66-Dy-164
-95.85 To 291.2 %



MAT 6649

1.303 MeV (n,n') Level
Cross Section

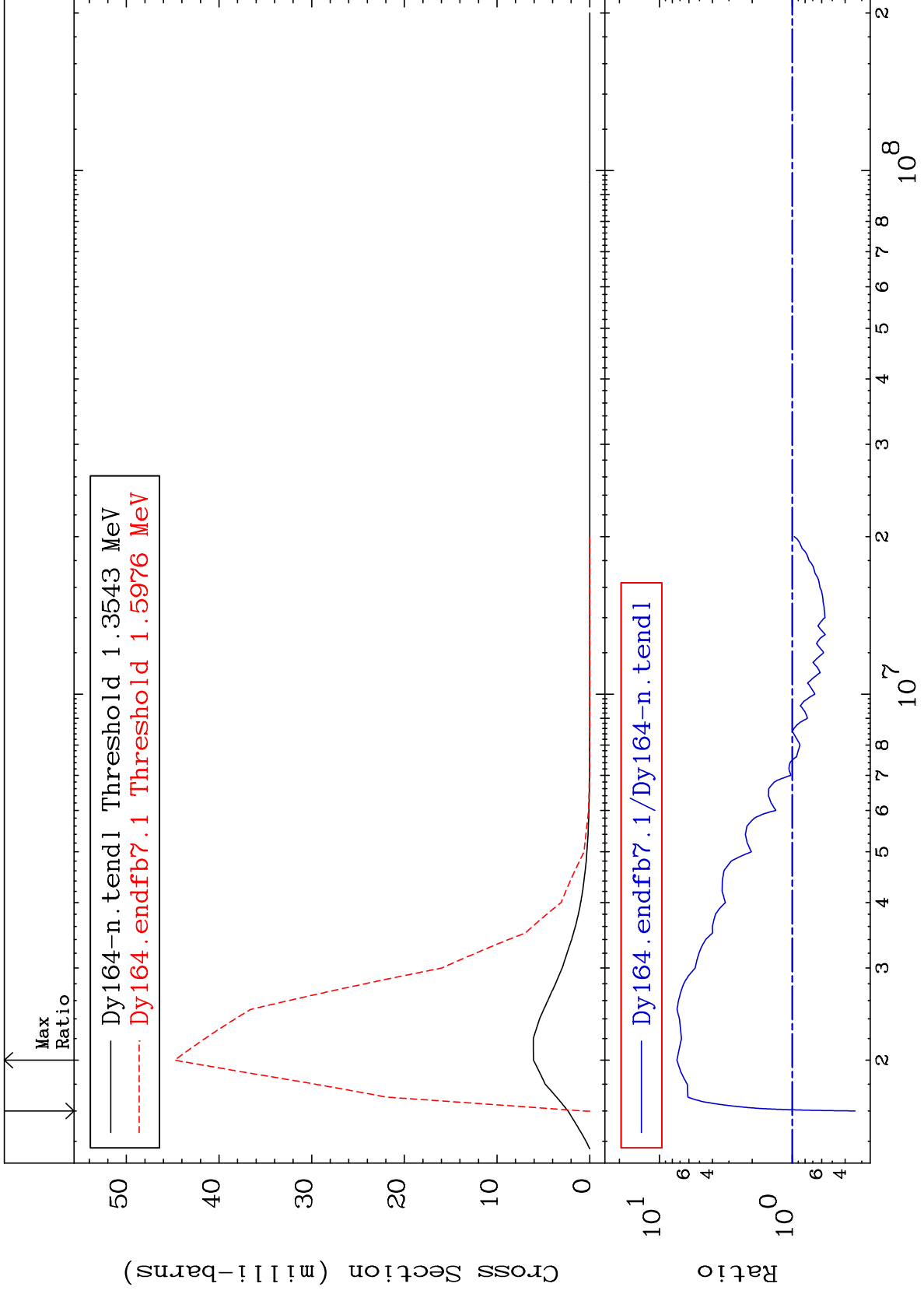
66-Dy-164
-43.44 To 9999. %



MAT 6649

1.346 MeV (n,n') Level
Cross Section

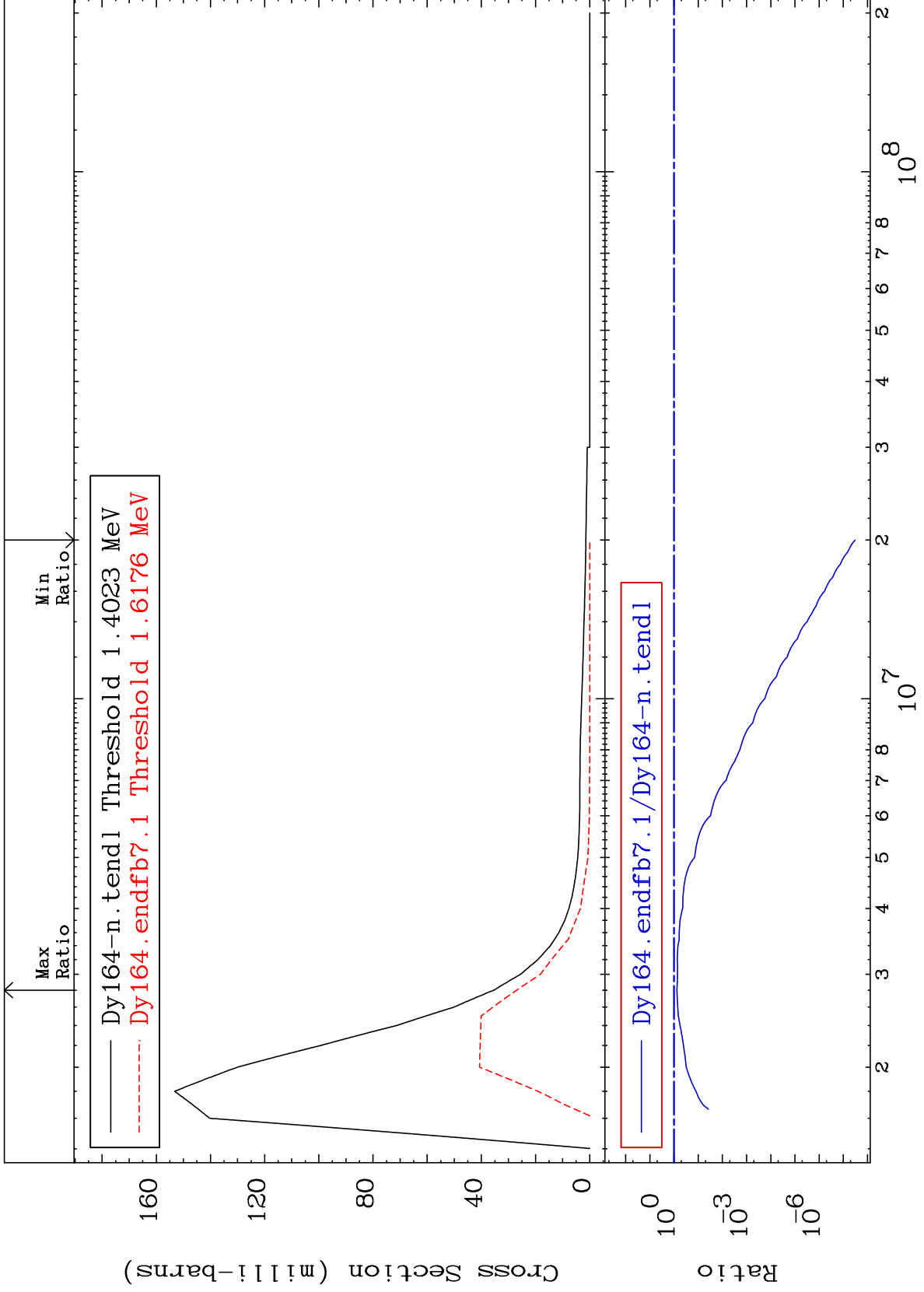
66-Dy-164
-66.38 To 638.6 %



MAT 6649

1.394 MeV (n,n') Level
Cross Section

66-Dy-164
-100.0 To -23.95%



27

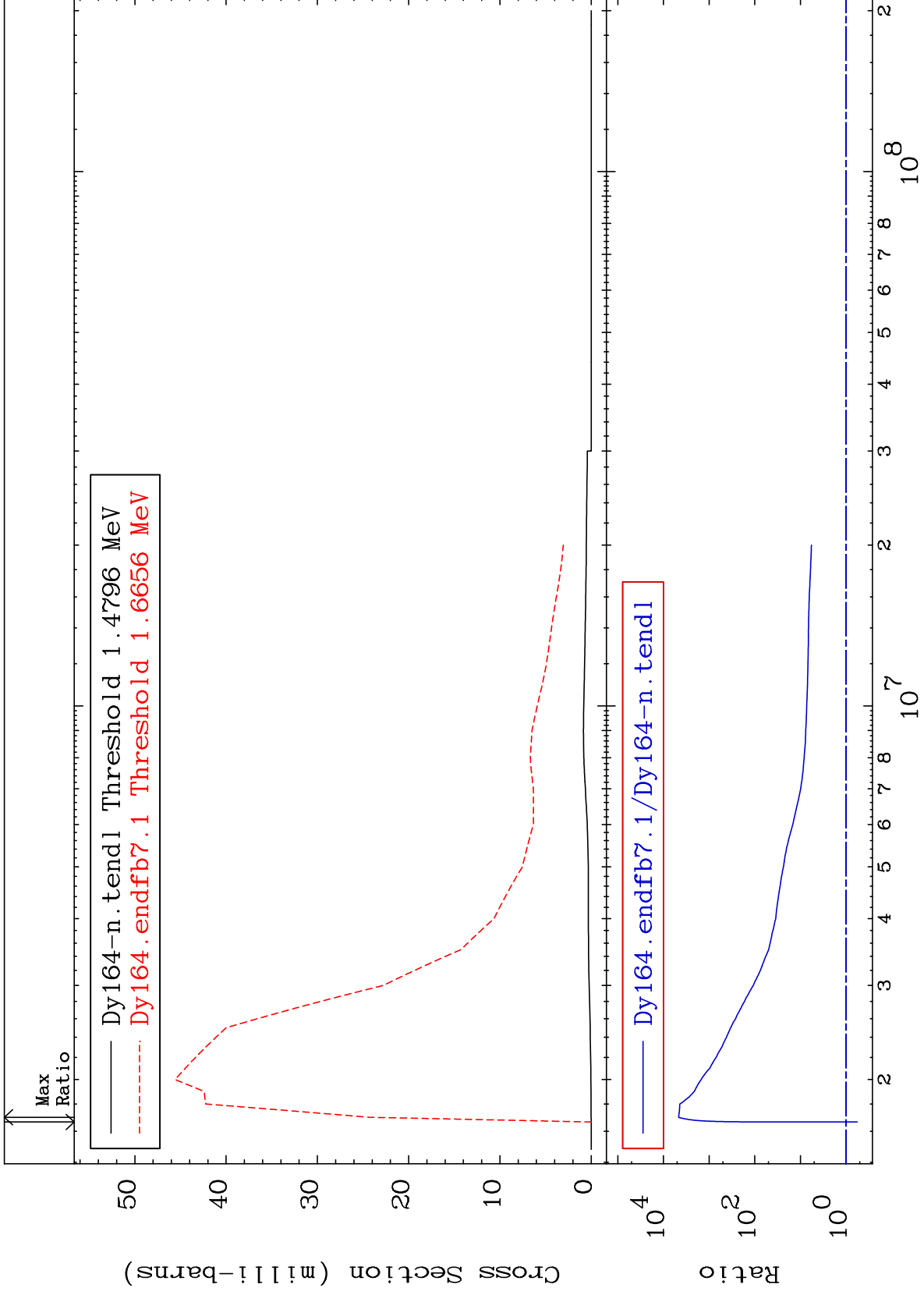
Incident Energy (eV)

66-Dy-164

MAT 6649

1.471 MeV (n,n') Level
Cross Section

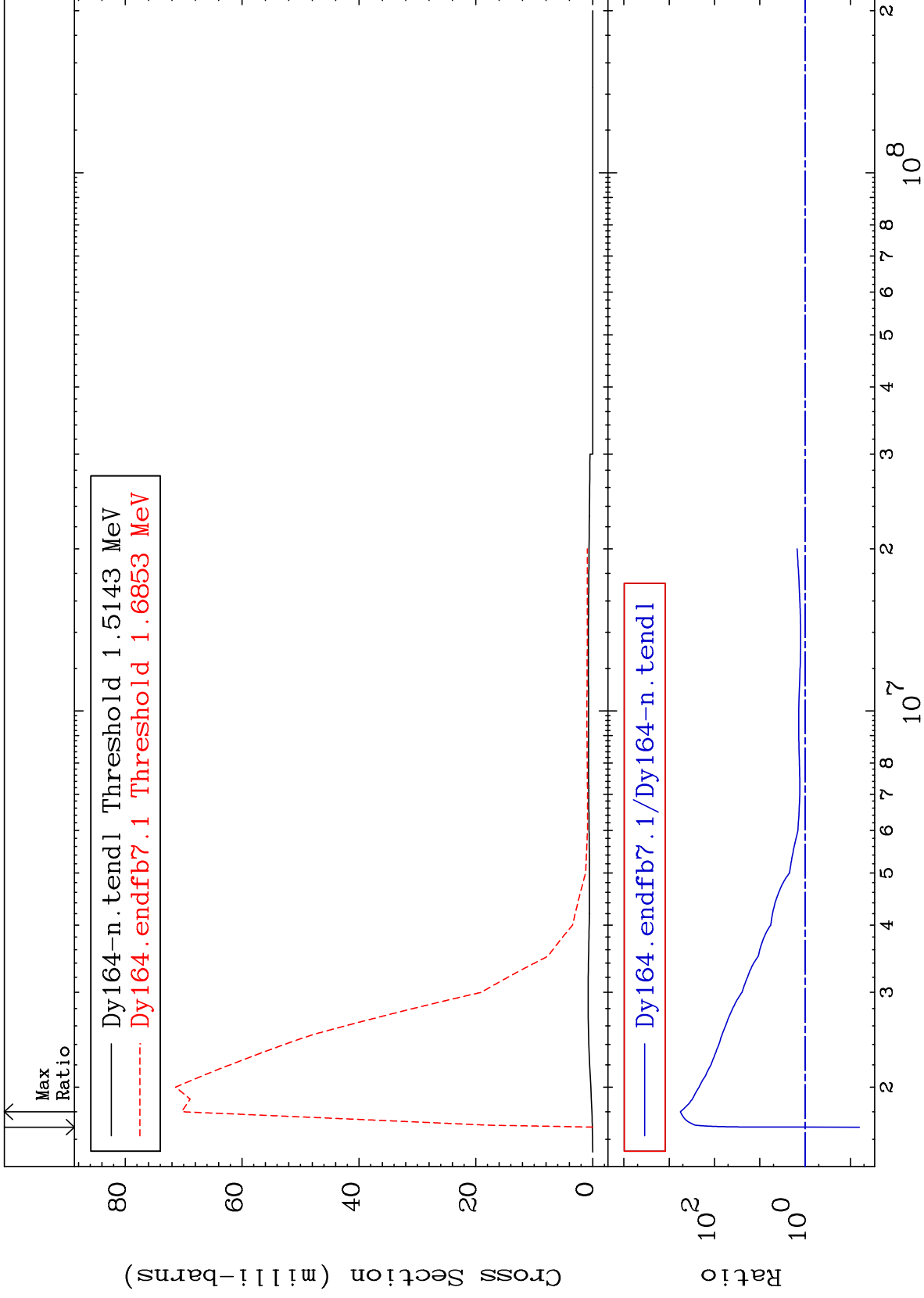
66-Dy-164
-43.18 To 9999. %

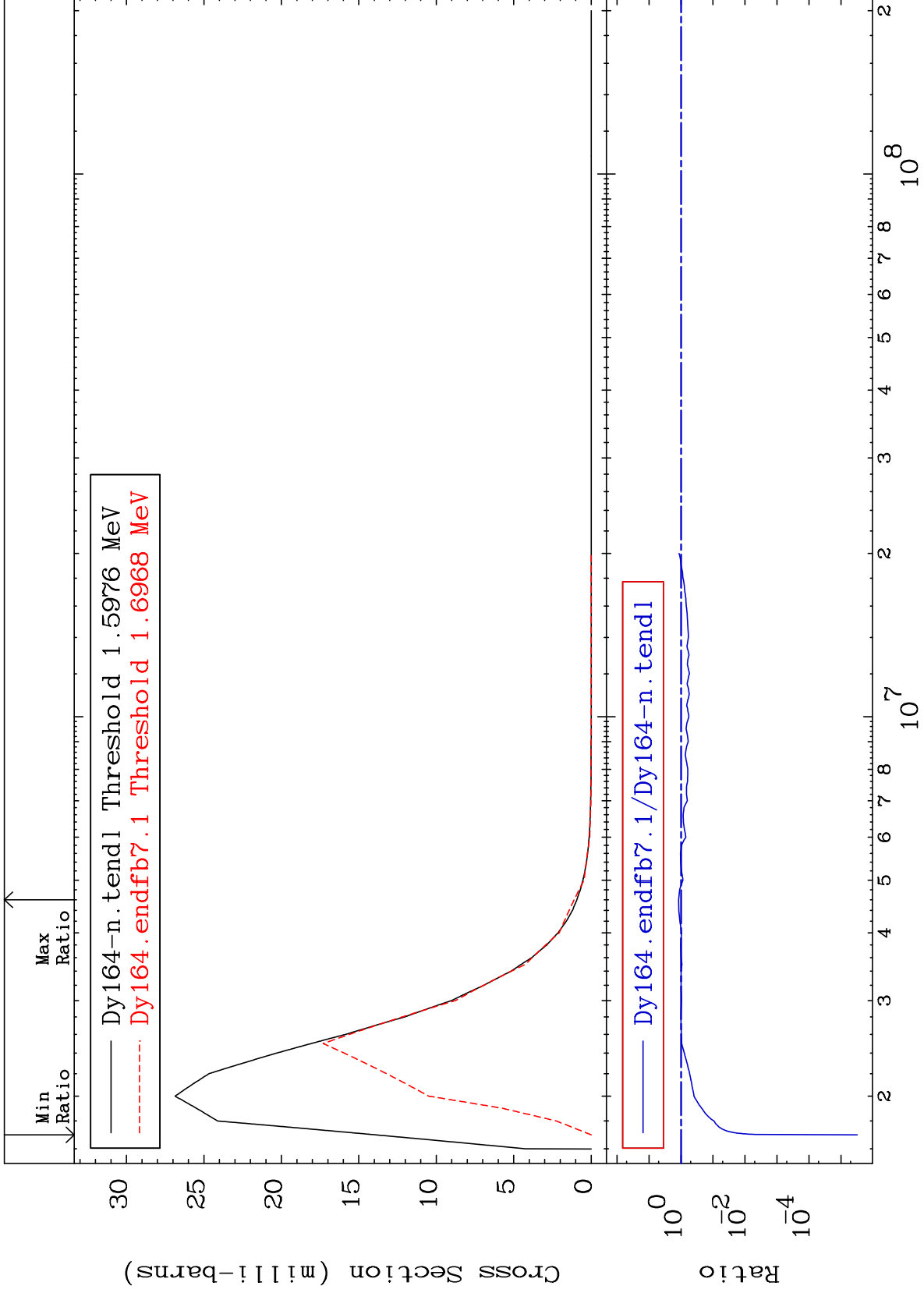


MAT 6649

1.505 MeV (n,n') Level
Cross Section

66-Dy-164
-93.66 To 9999. %

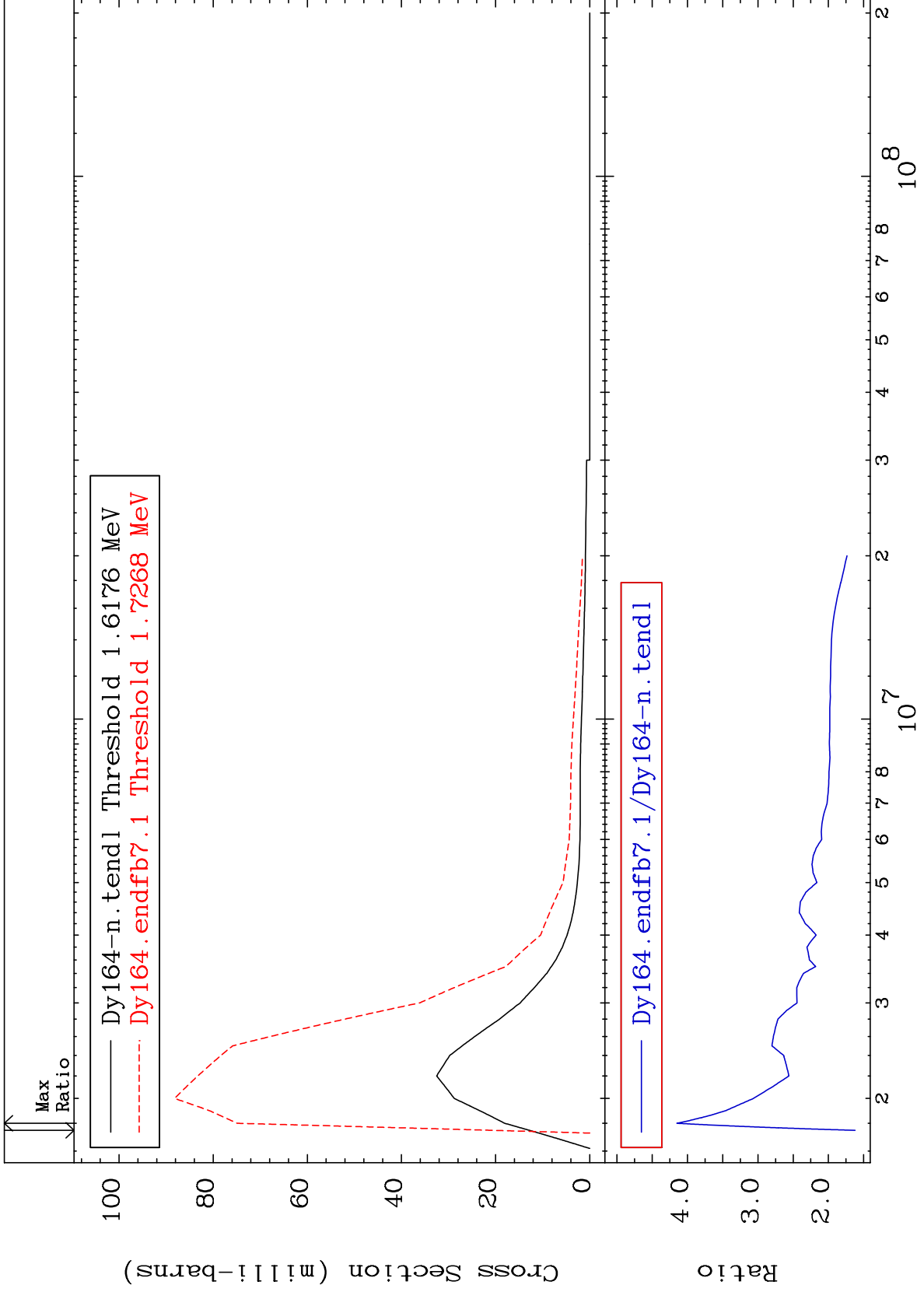




MAT 6649

1.608 MeV (n,n') Level
Cross Section

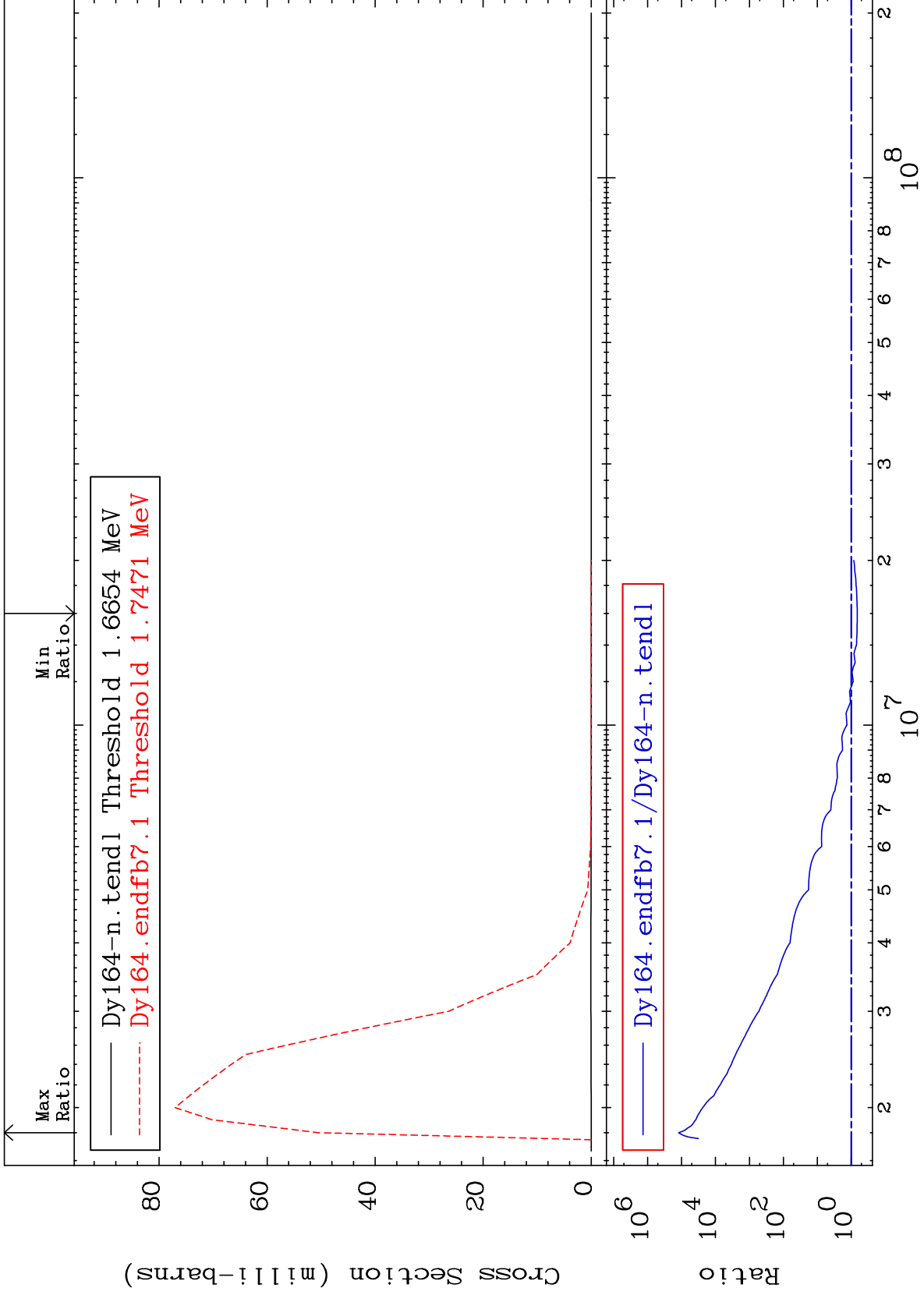
66-Dy-164
62.16 To 314.9 %



MAT 6649

1.655 MeV (n,n') Level
Cross Section

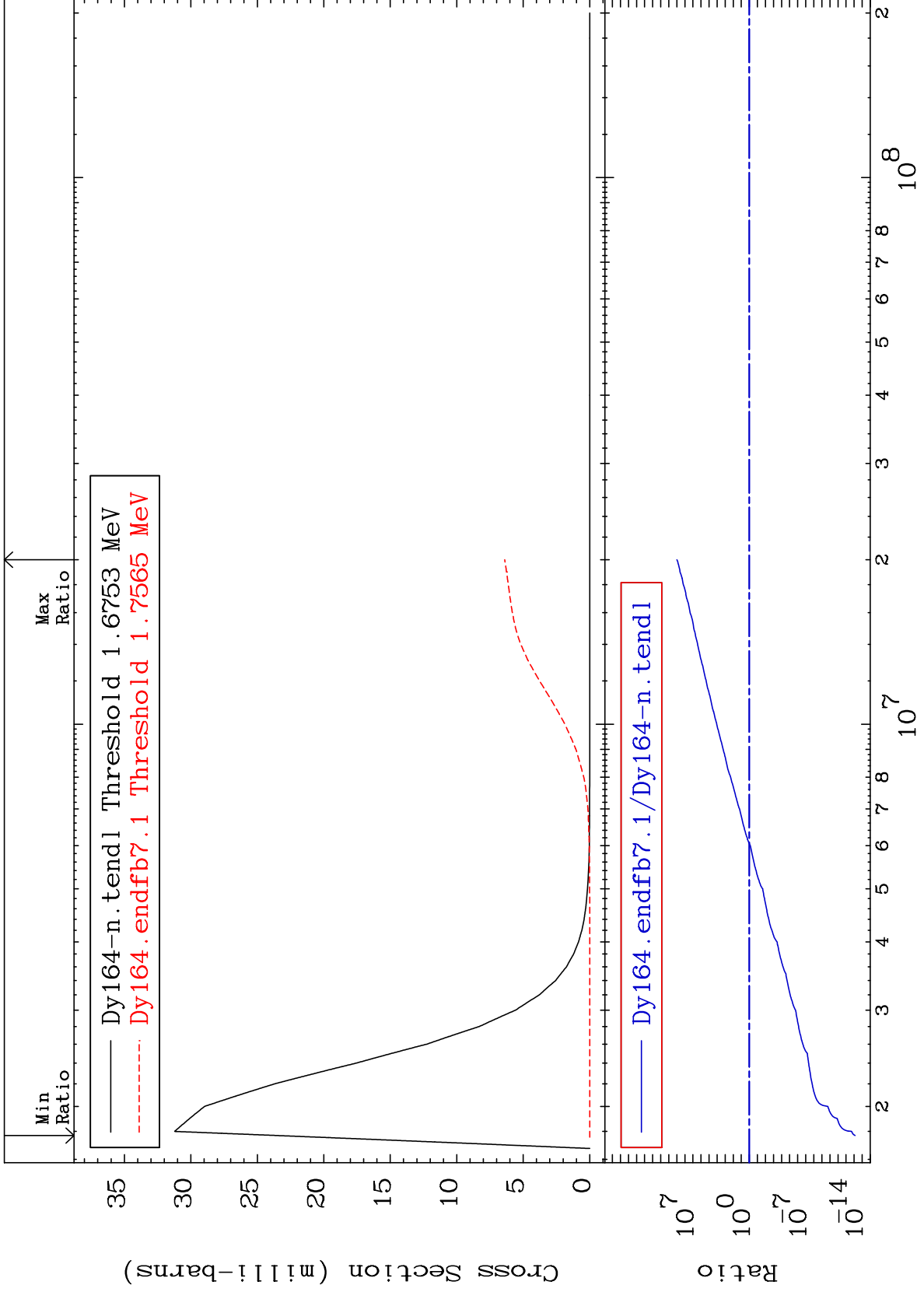
66-Dy-164
-33.62 To 9999. %



MAT 6649

1.665 MeV (n,n') Level
Cross Section

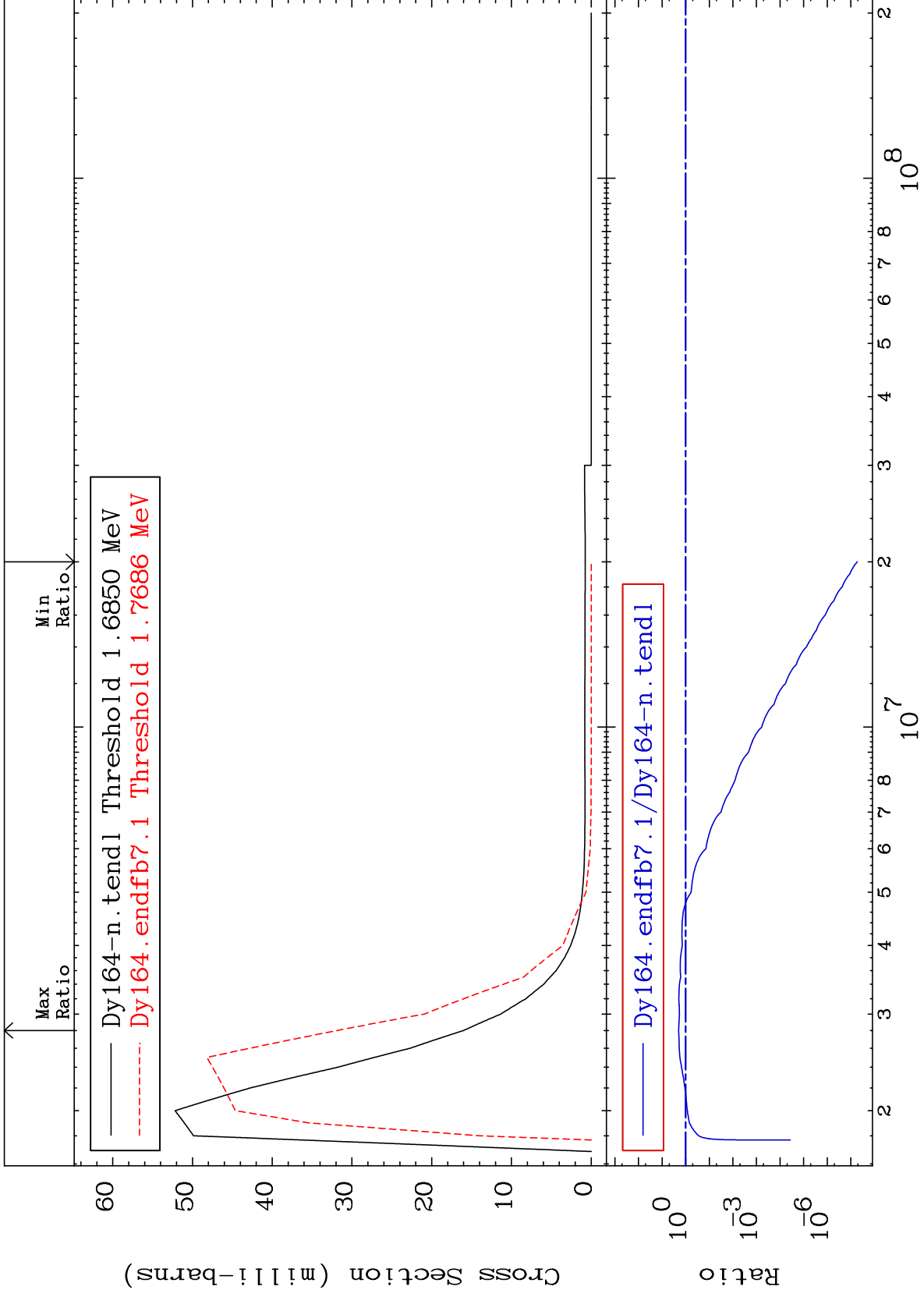
66-Dy-164
-100.0 To 9999. %



MAT 6649

1.675 MeV (n,n') Level
Cross Section

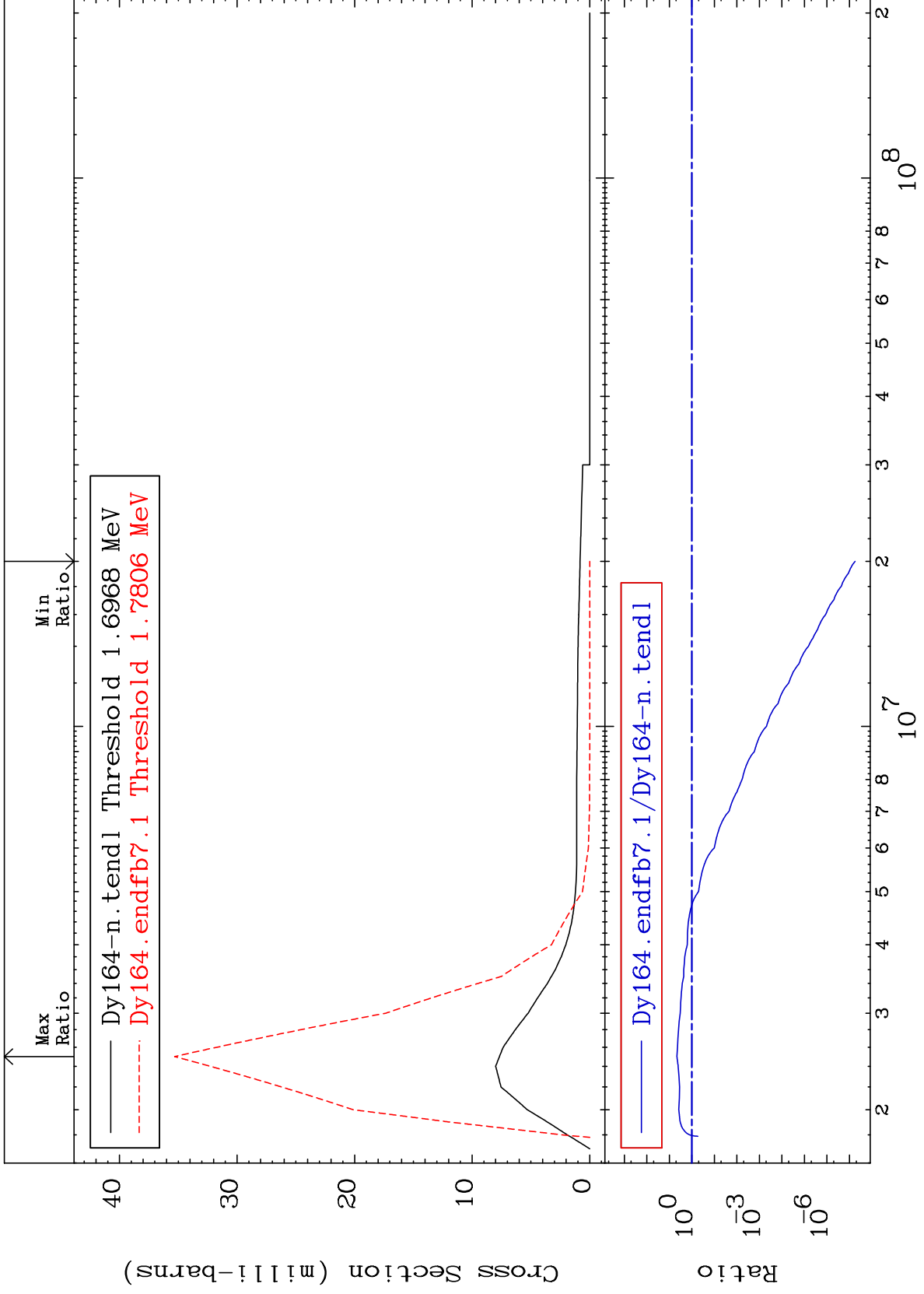
66-Dy-164
-100.0 To 98.95 %



MAT 6649

1.686 MeV (n,n') Level
Cross Section

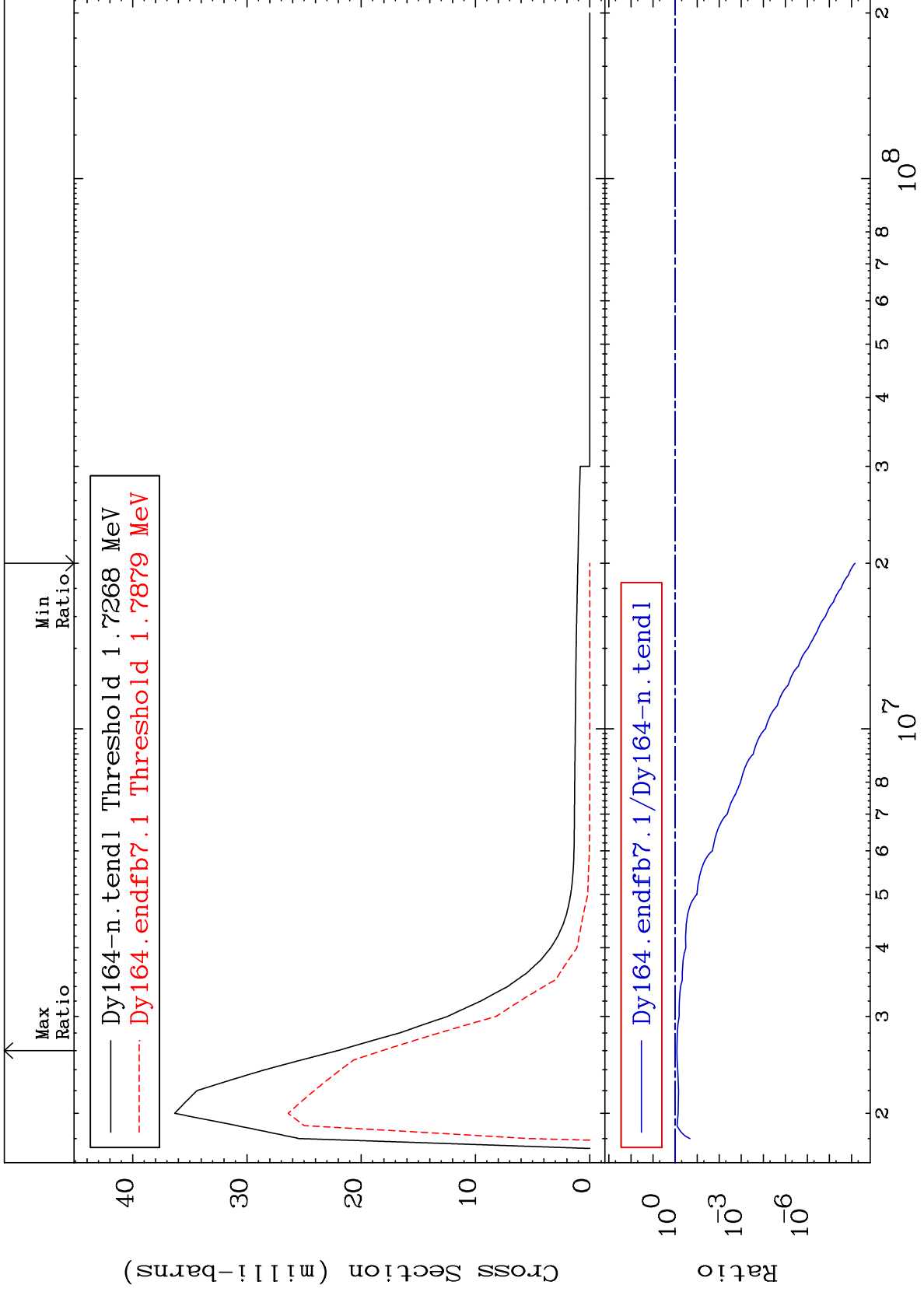
66-Dy-164
-100.0 To 359.9 %



MAT 6649

1.716 MeV (n,n') Level
Cross Section

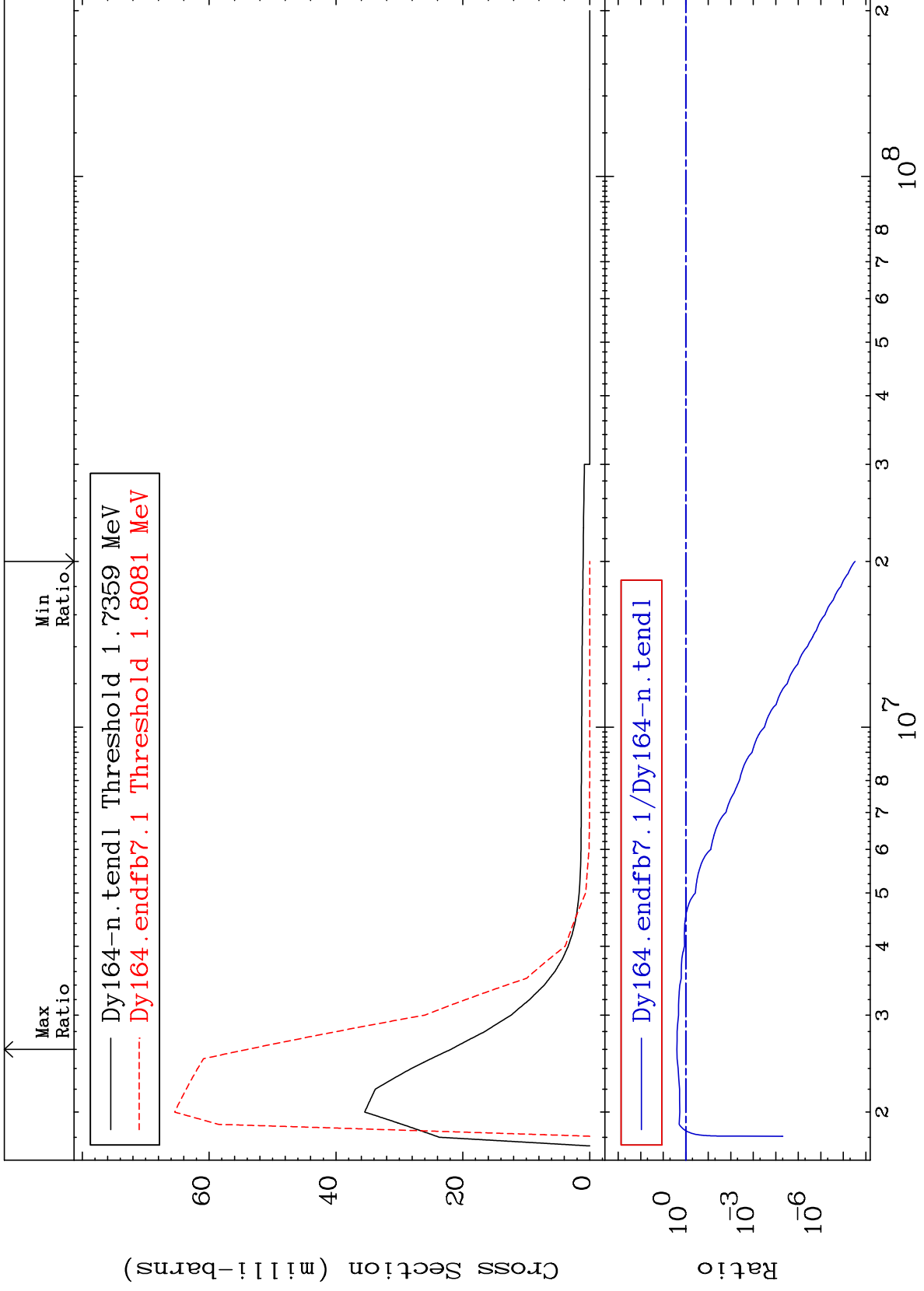
66-Dy-164
-100.0 To -17.62%



MAT 6649

1.725 MeV (n,n') Level
Cross Section

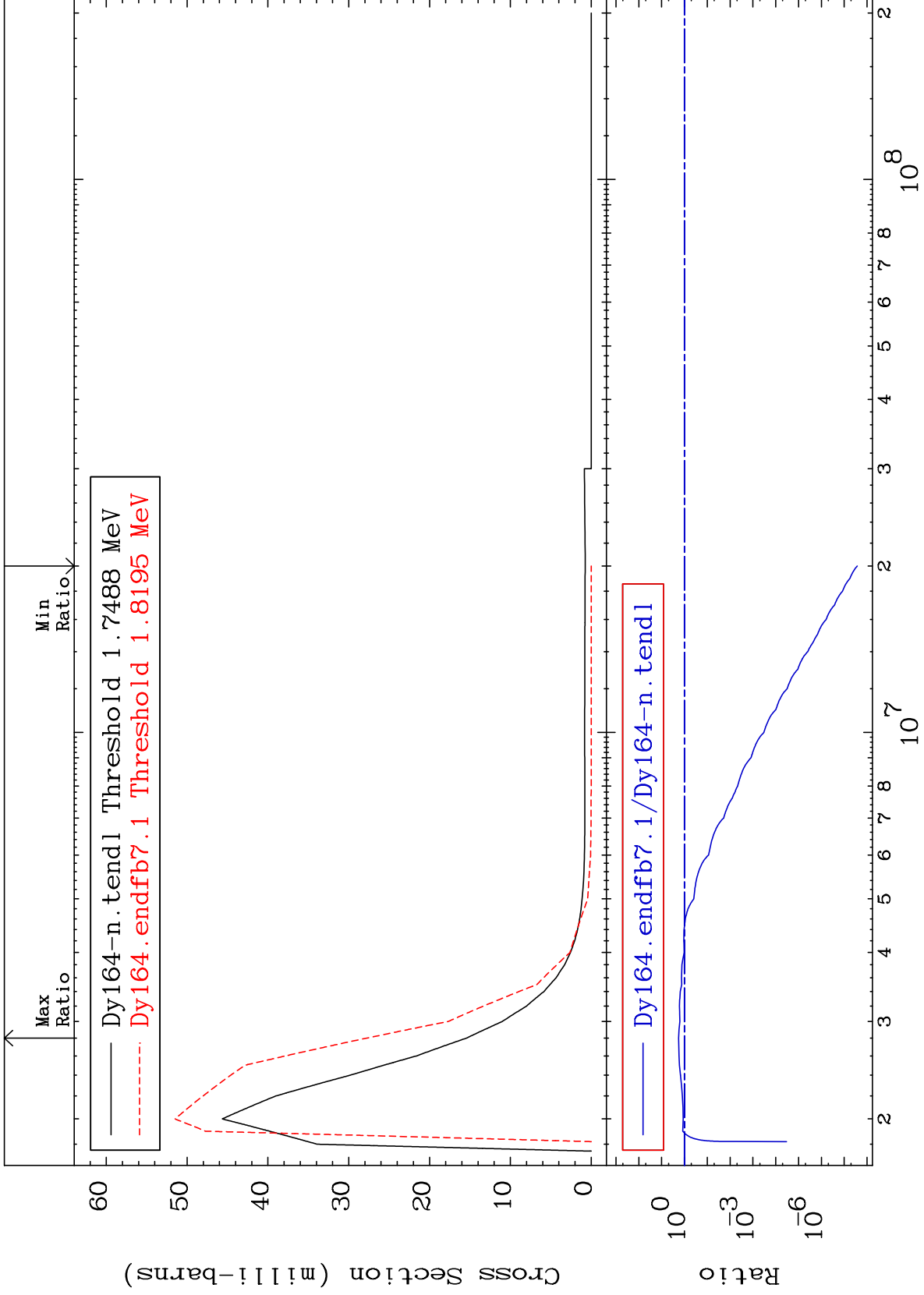
66-Dy-164
-100.0 To 146.5 %

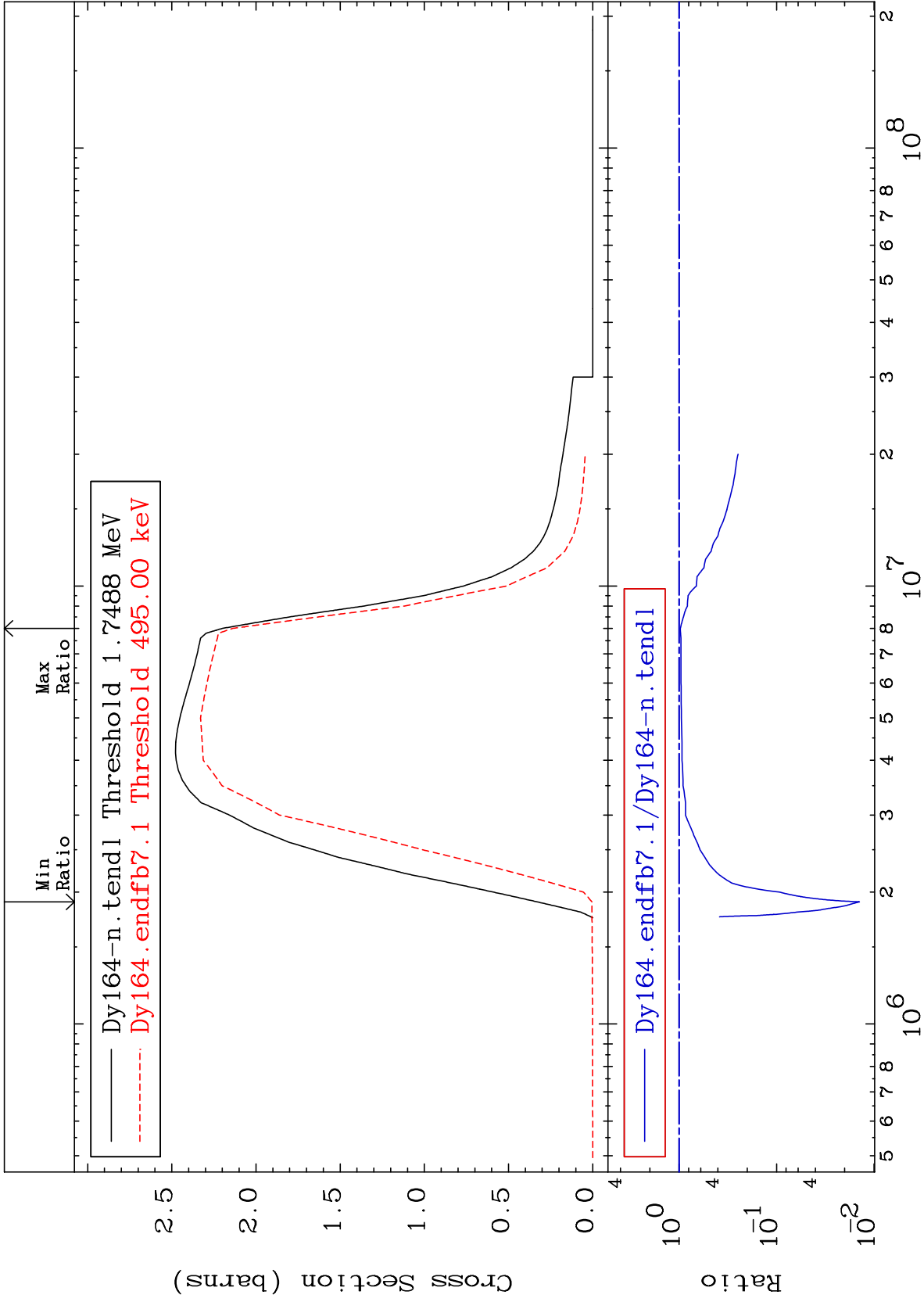


MAT 6649

1.738 MeV (n,n') Level
Cross Section

66-Dy-164
-100.0 To 79.96 %





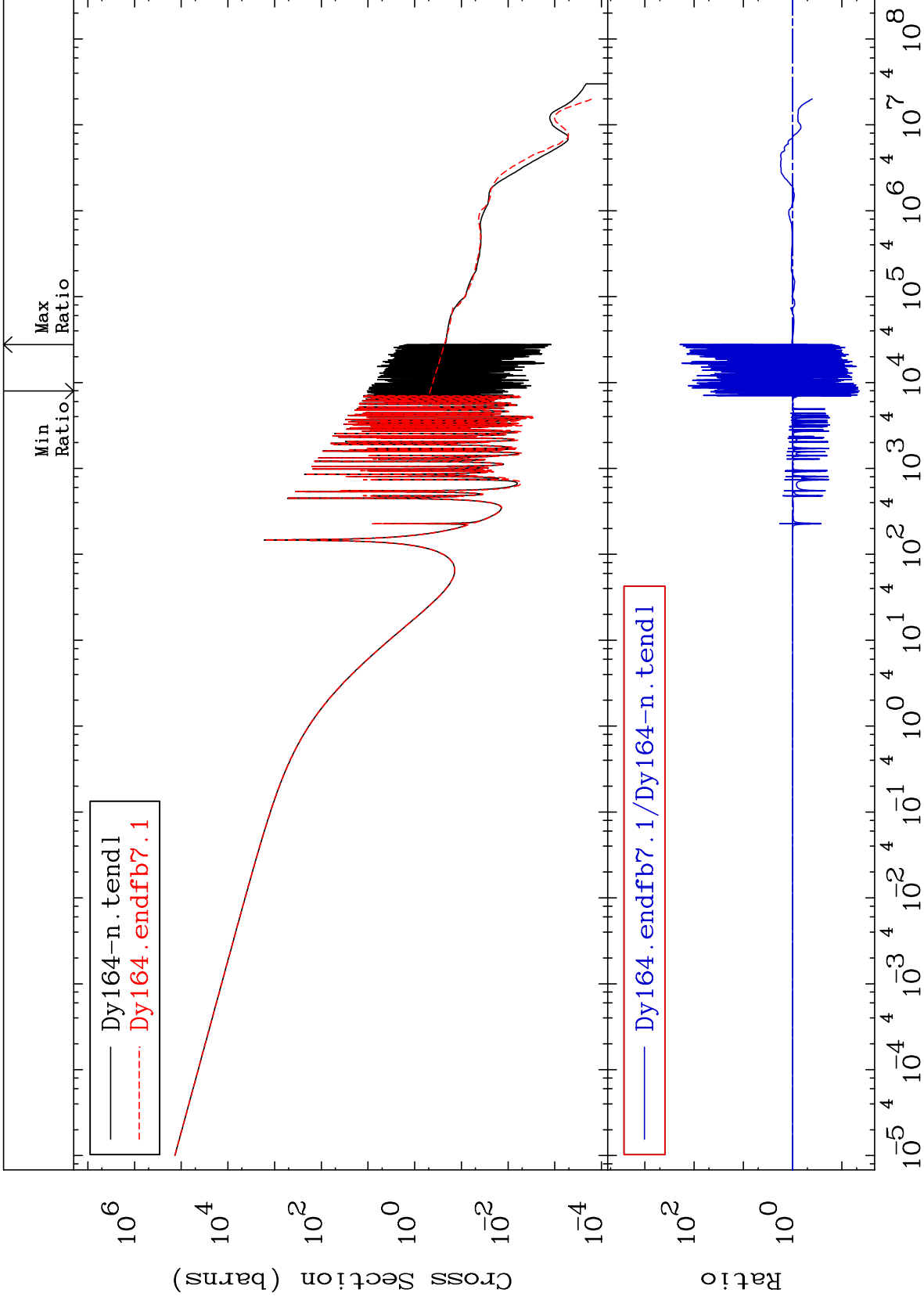
MAT 6649

(n, γ)

66-Dy-164

Cross Section

-95.58 To 9999. %



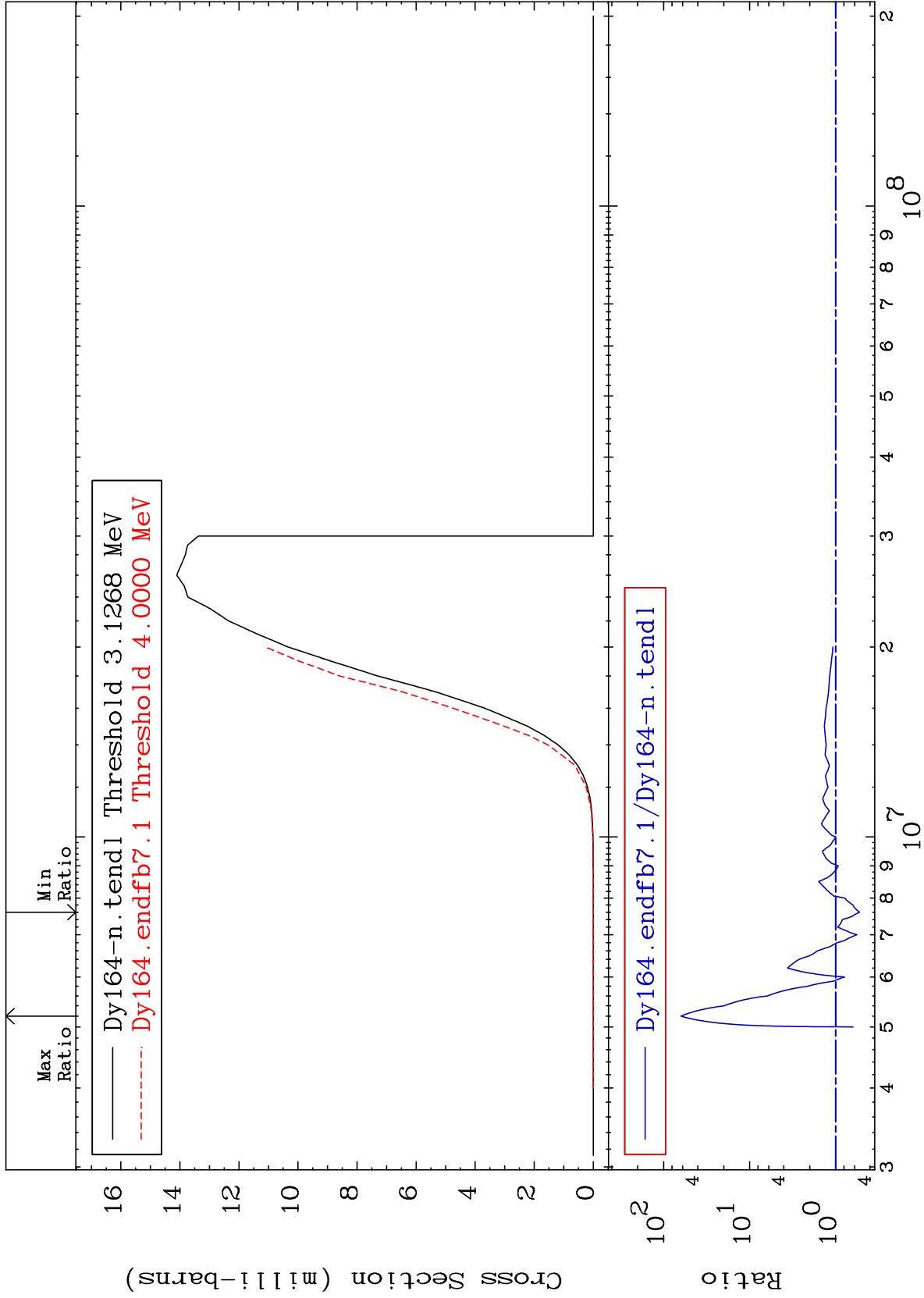
40

Incident Energy (eV)

66-Dy-164

Cross Section

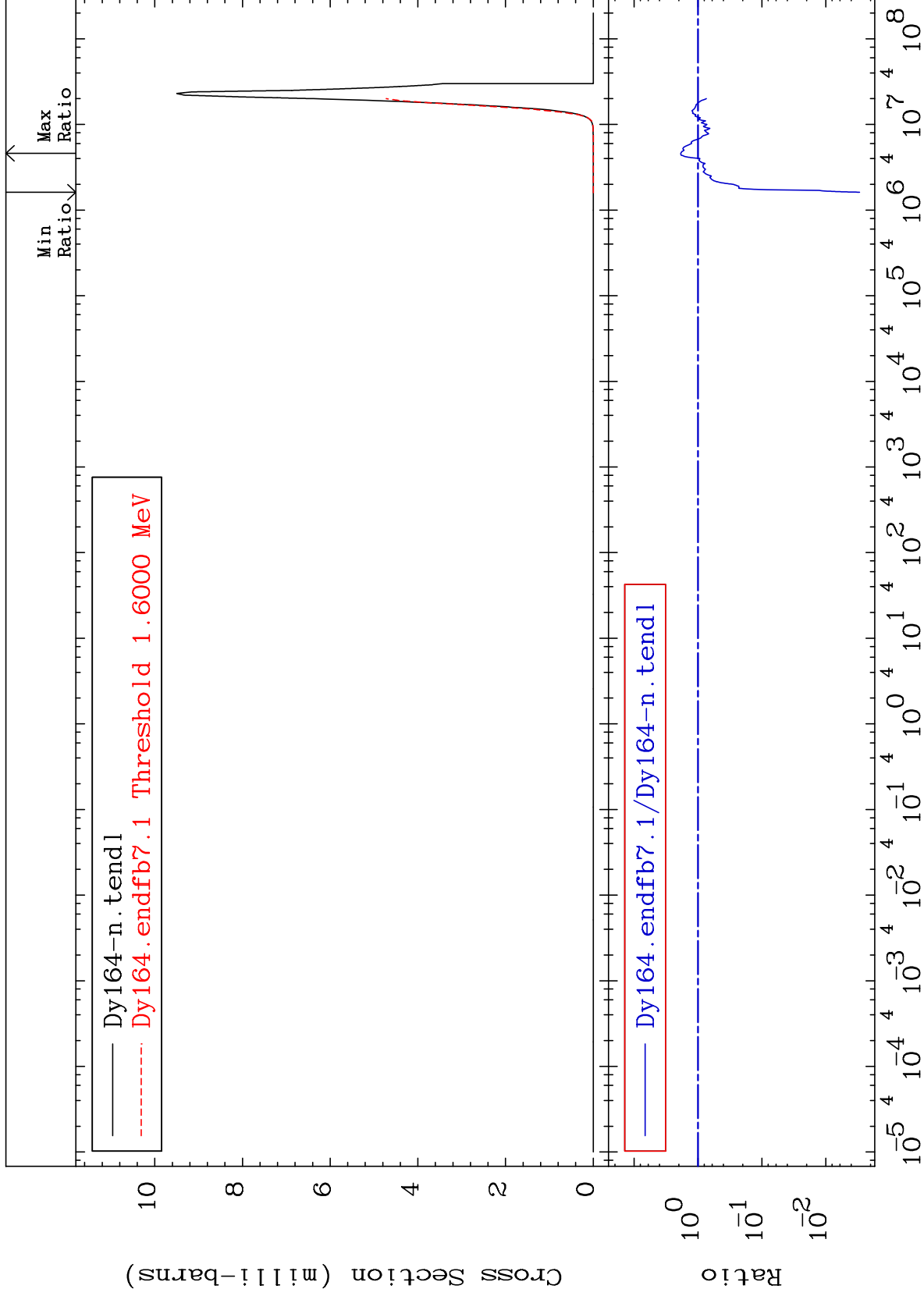
-47.25 To 6216. %



MAT 6649

(n, α)
Cross Section

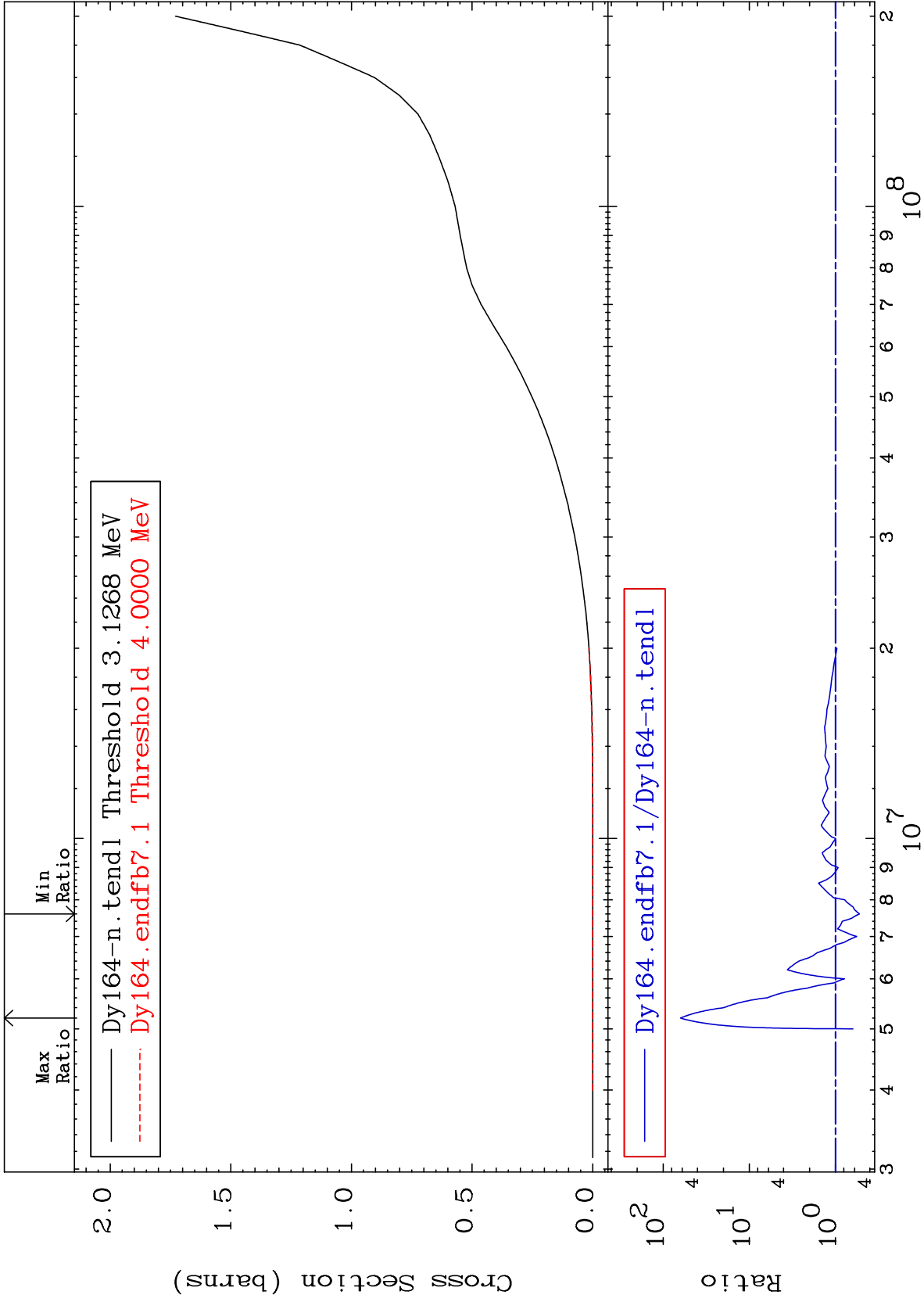
66-Dy-164
-99.70 To 86.39 %



42

Incident Energy (eV)

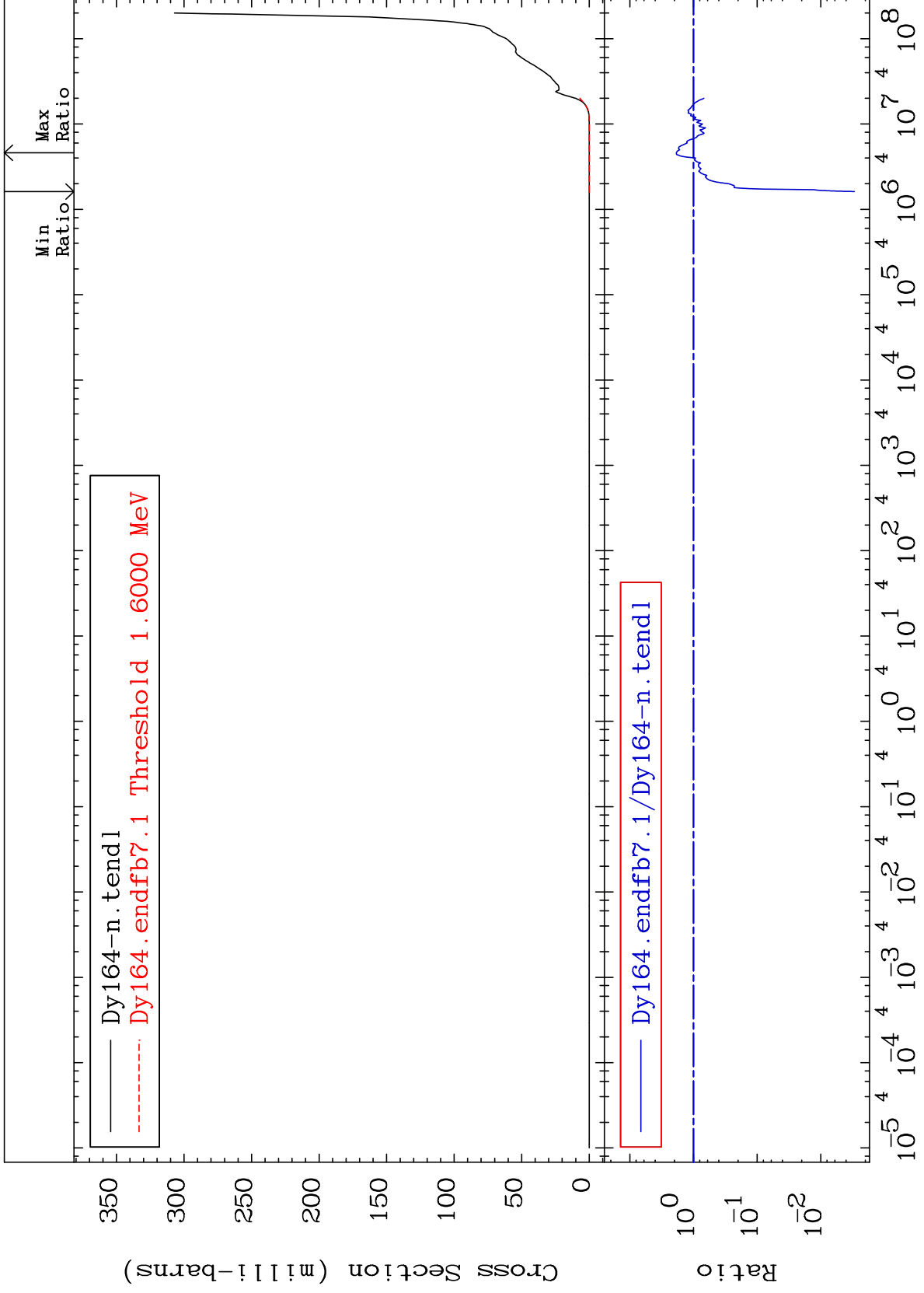
66-Dy-164



MAT 6649

He-4 Production
Cross Section

66-Dy-164
-99.70 To 86.39 %



44

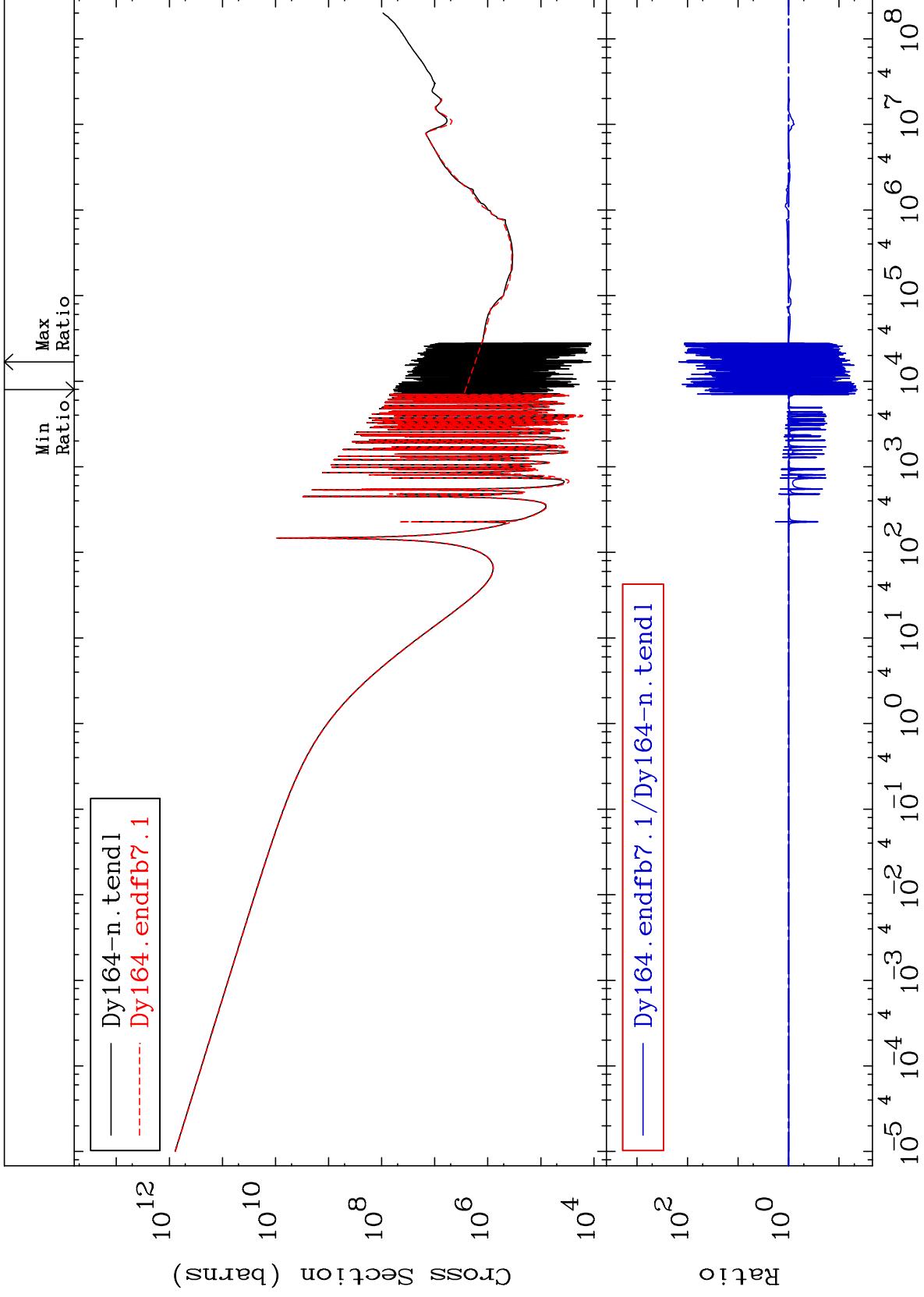
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma total (eV-barns)
Cross Section

66-Dy-164
-95.64 To 9999. %



45

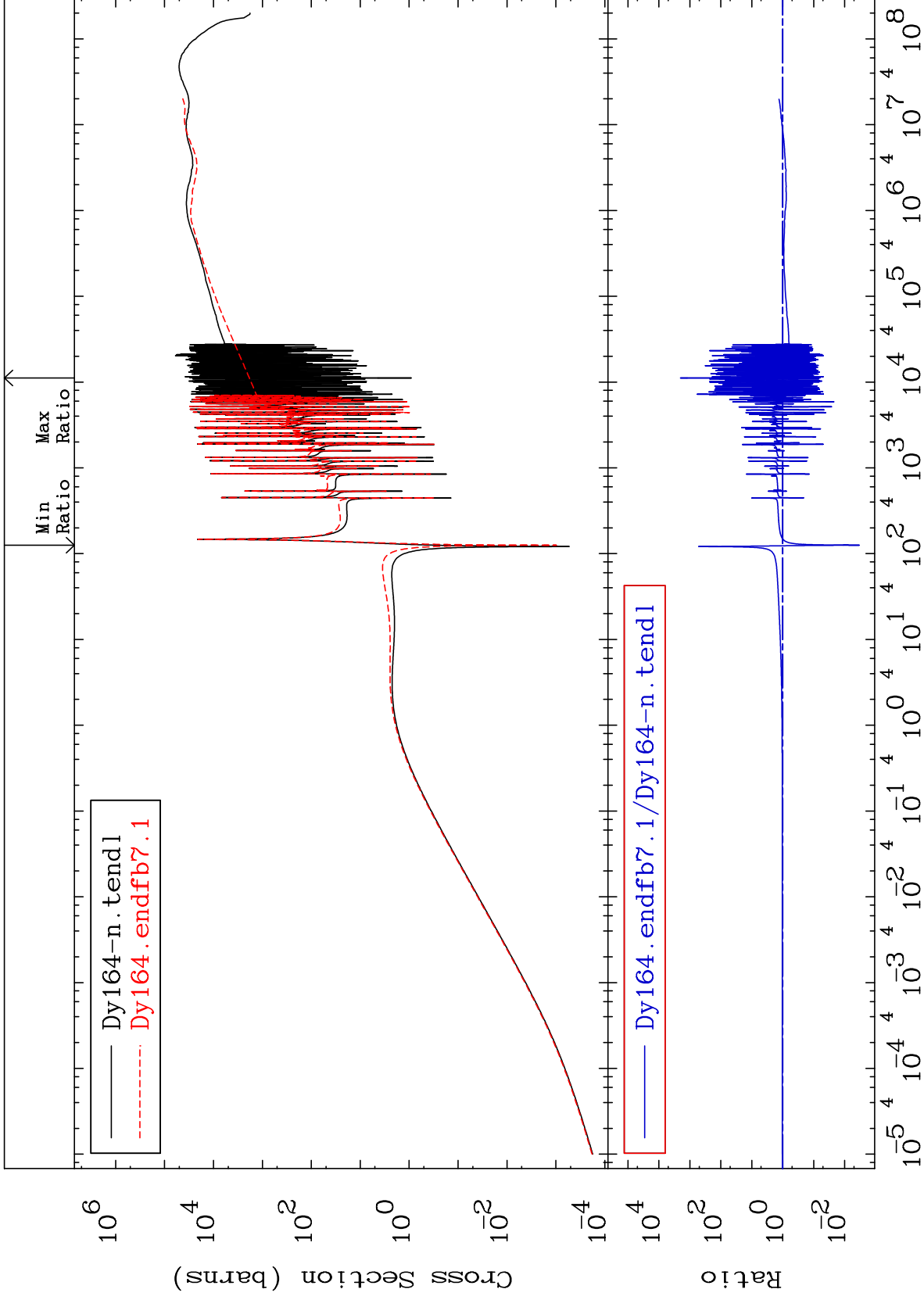
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma elastic
Cross Section

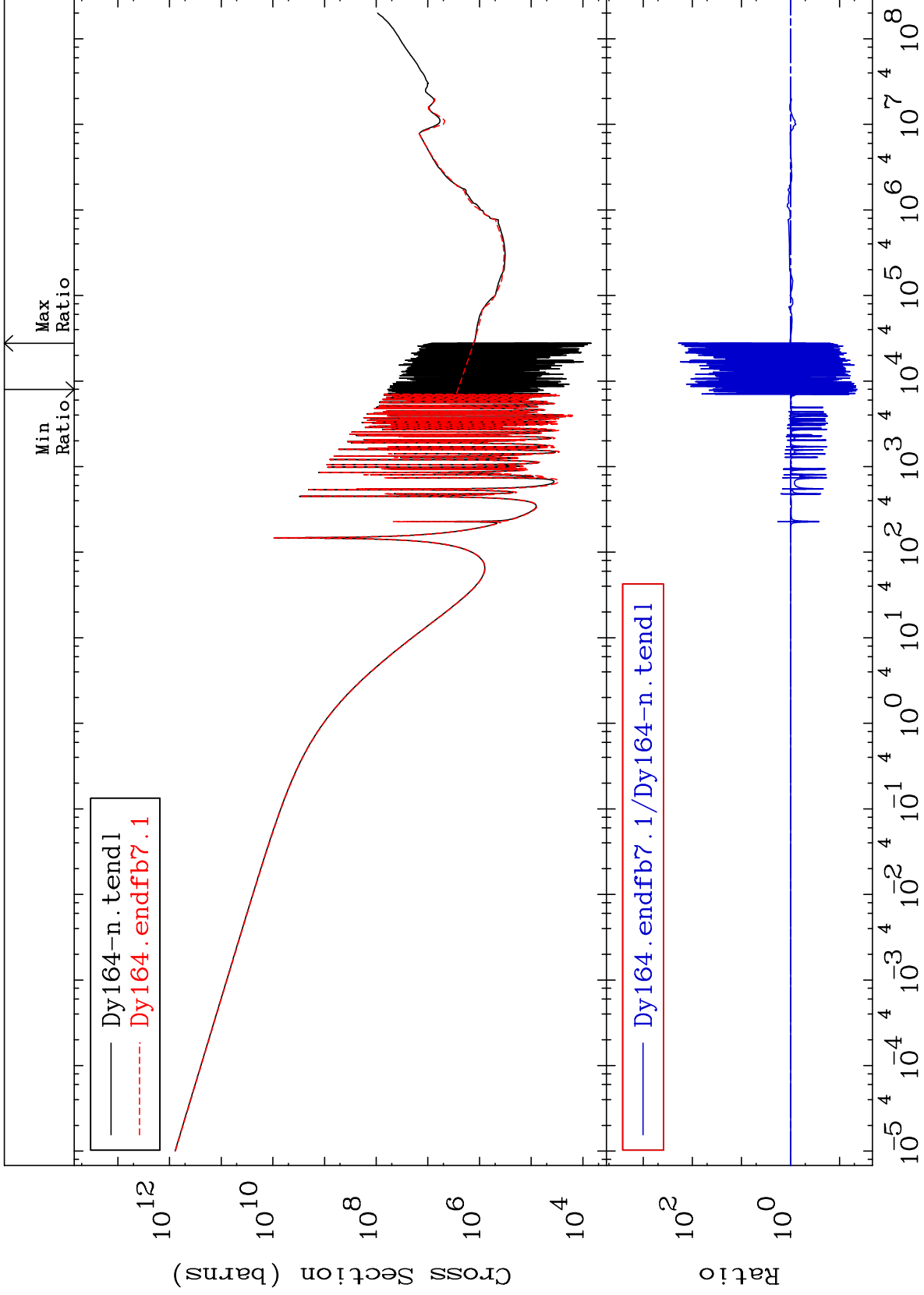
66-Dy-164
-99.67 To 9999. %

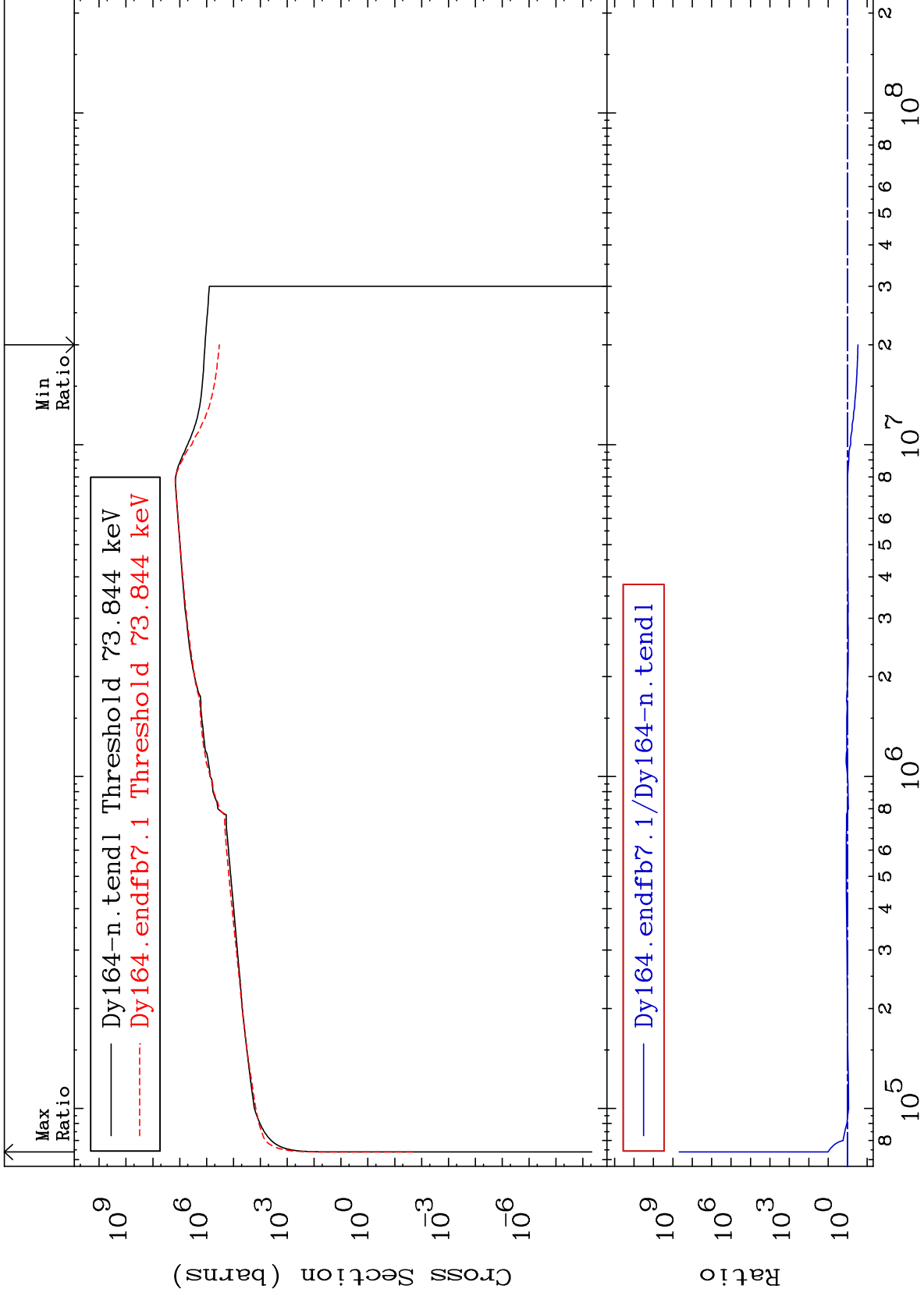


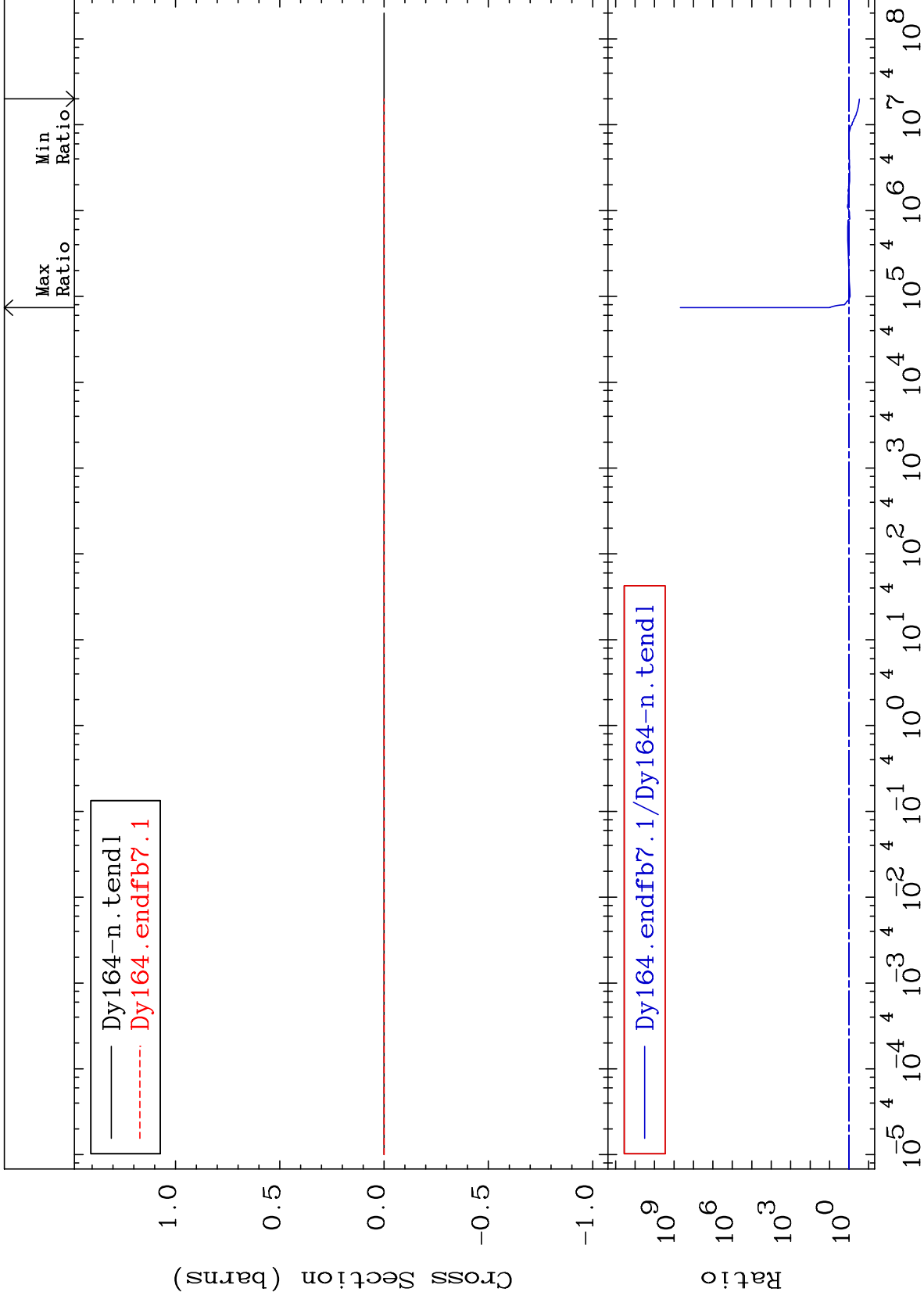
MAT 6649

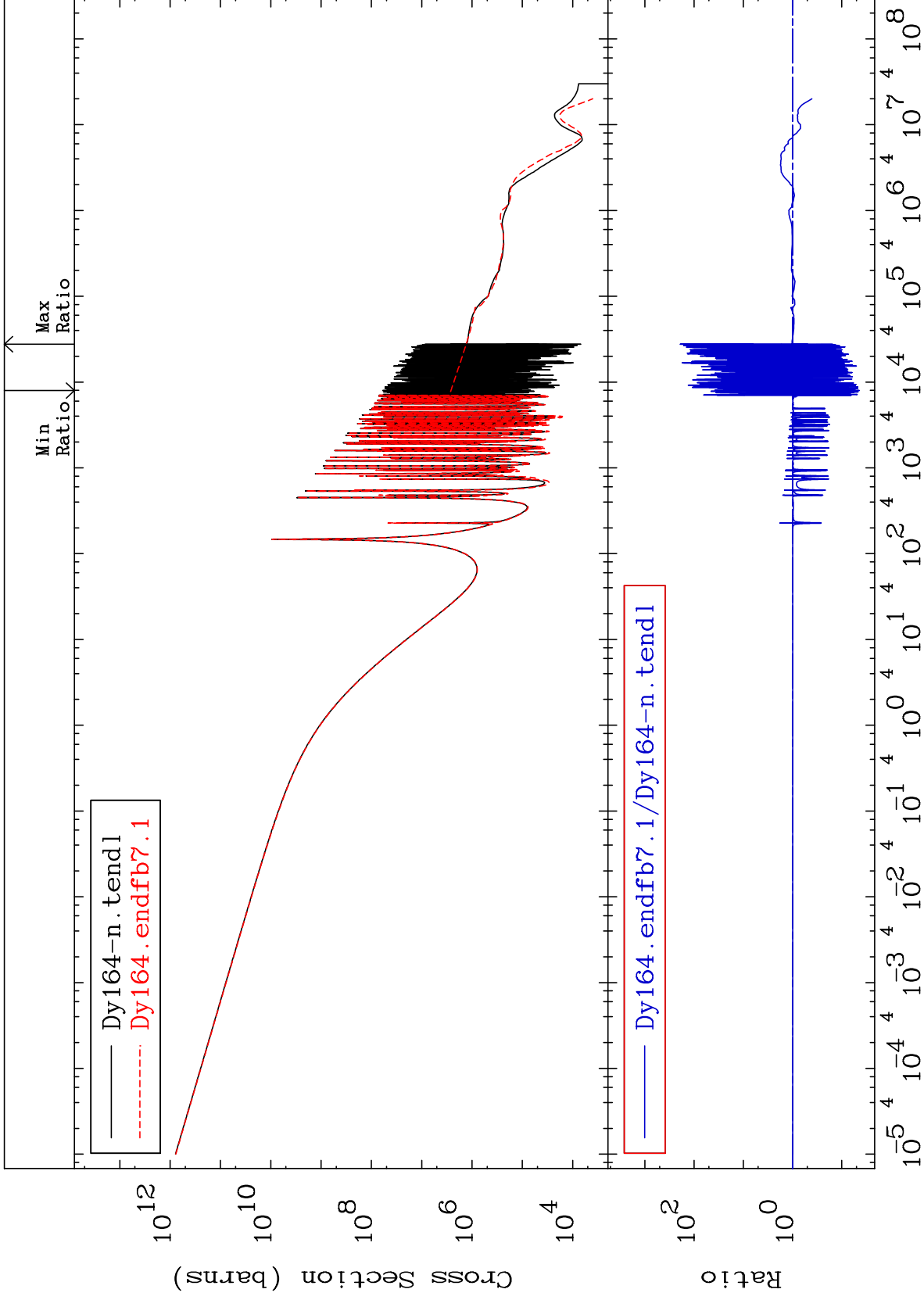
Kerma non-elastic (all but mt2)
Cross Section

66-Dy-164
-95.64 To 9999. %





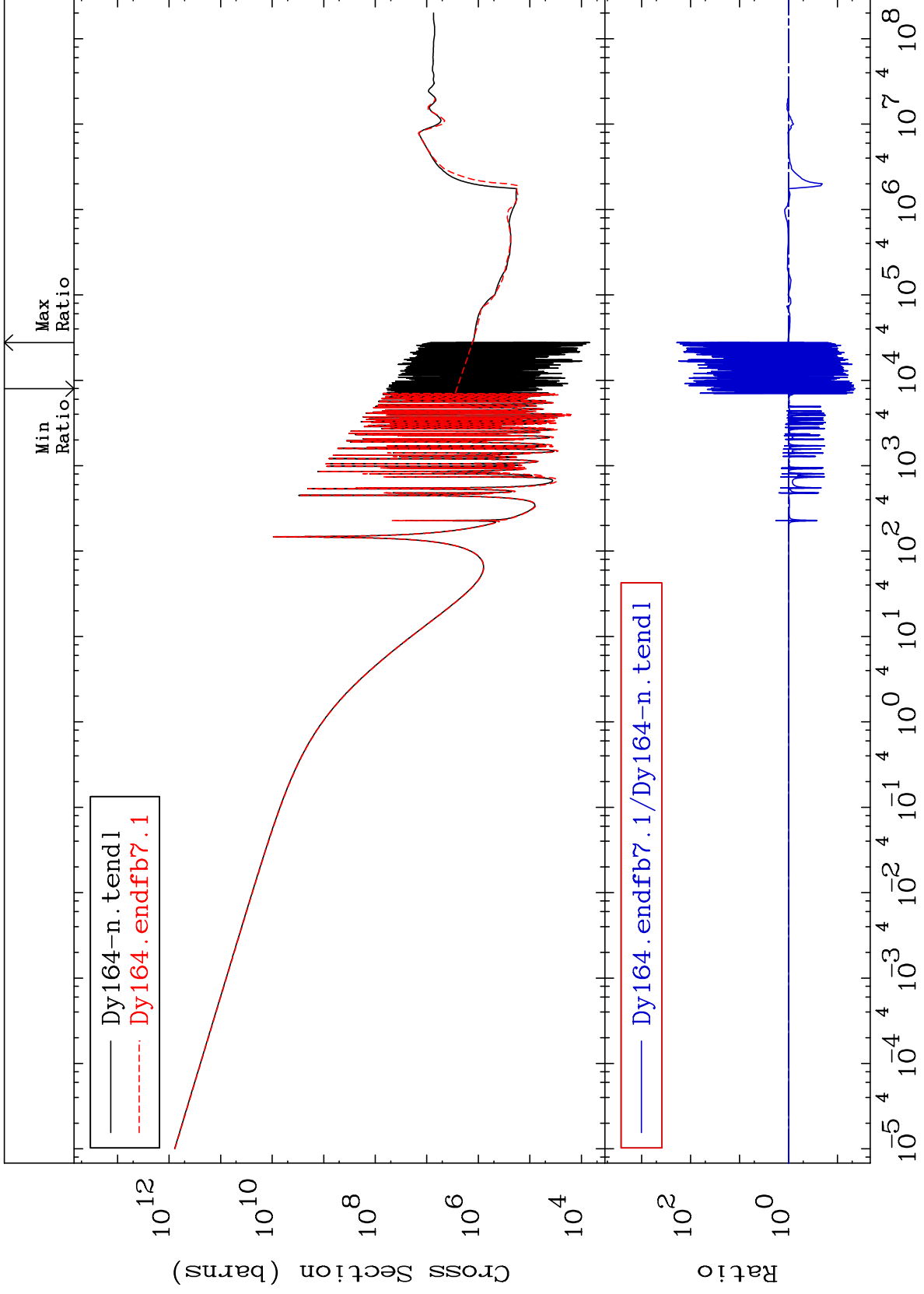




MAT 6649

Total photon (eV-barns)
Cross Section

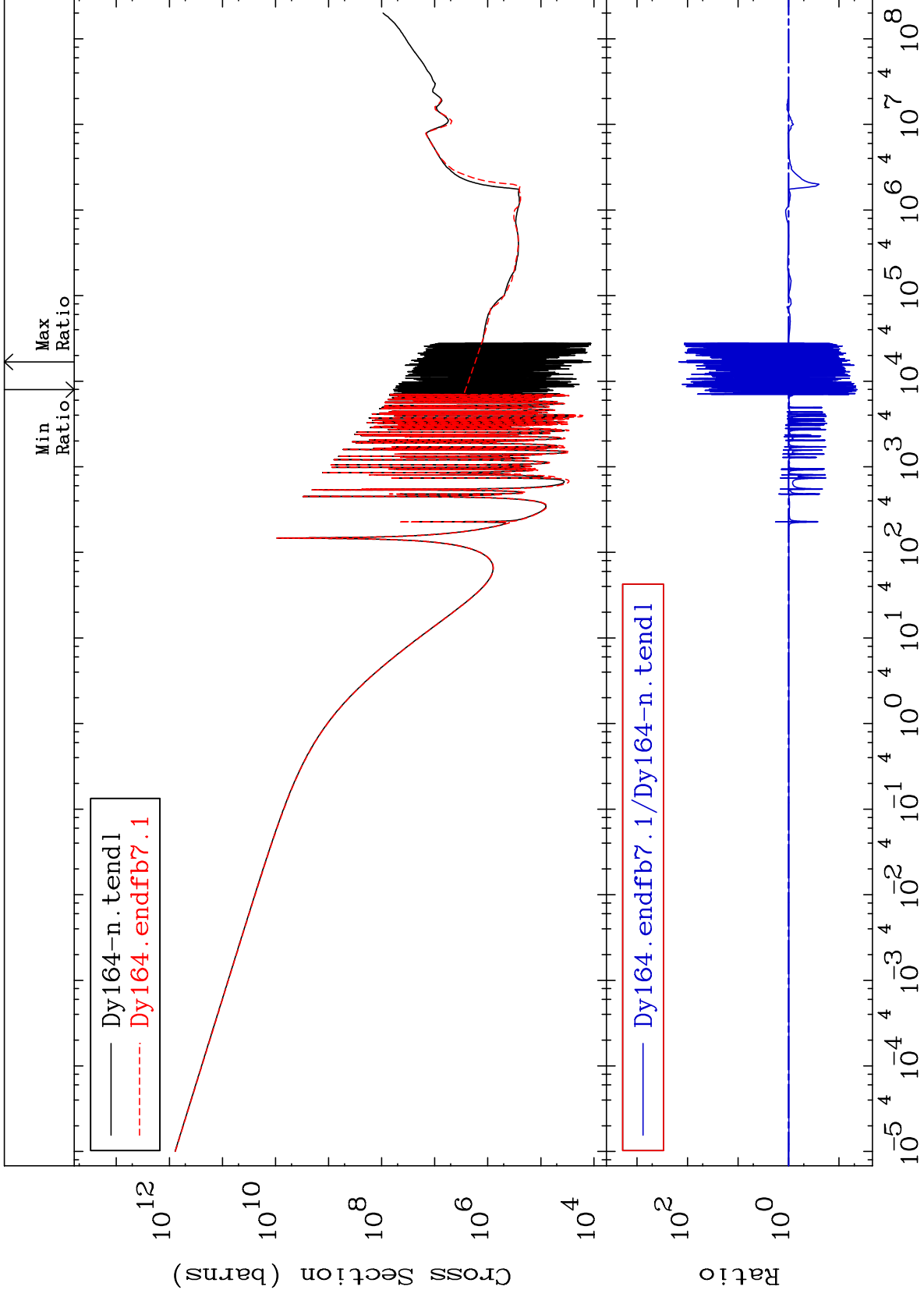
66-Dy-164
-95.64 To 9999. %



51

Incident Energy (eV)

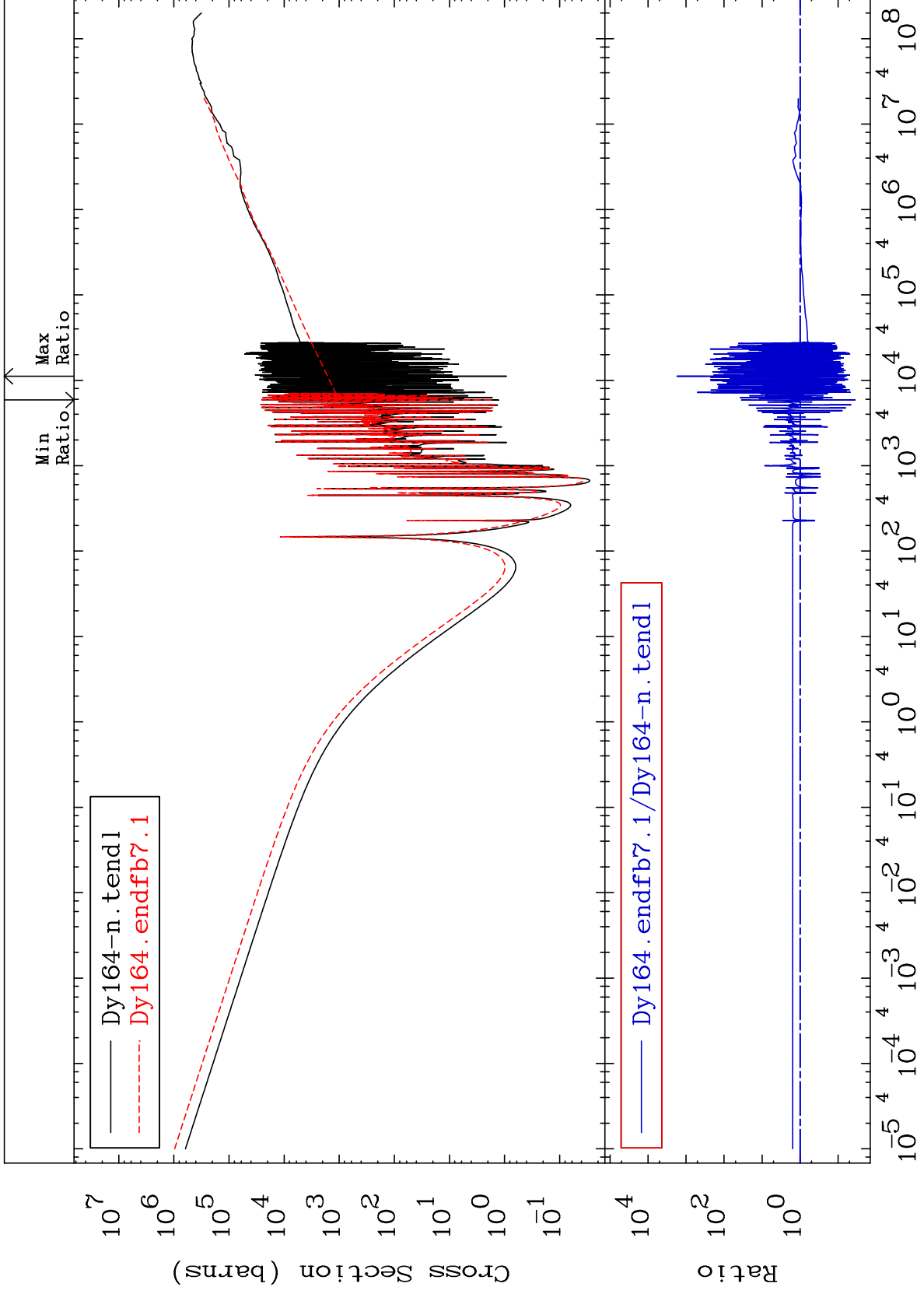
66-Dy-164

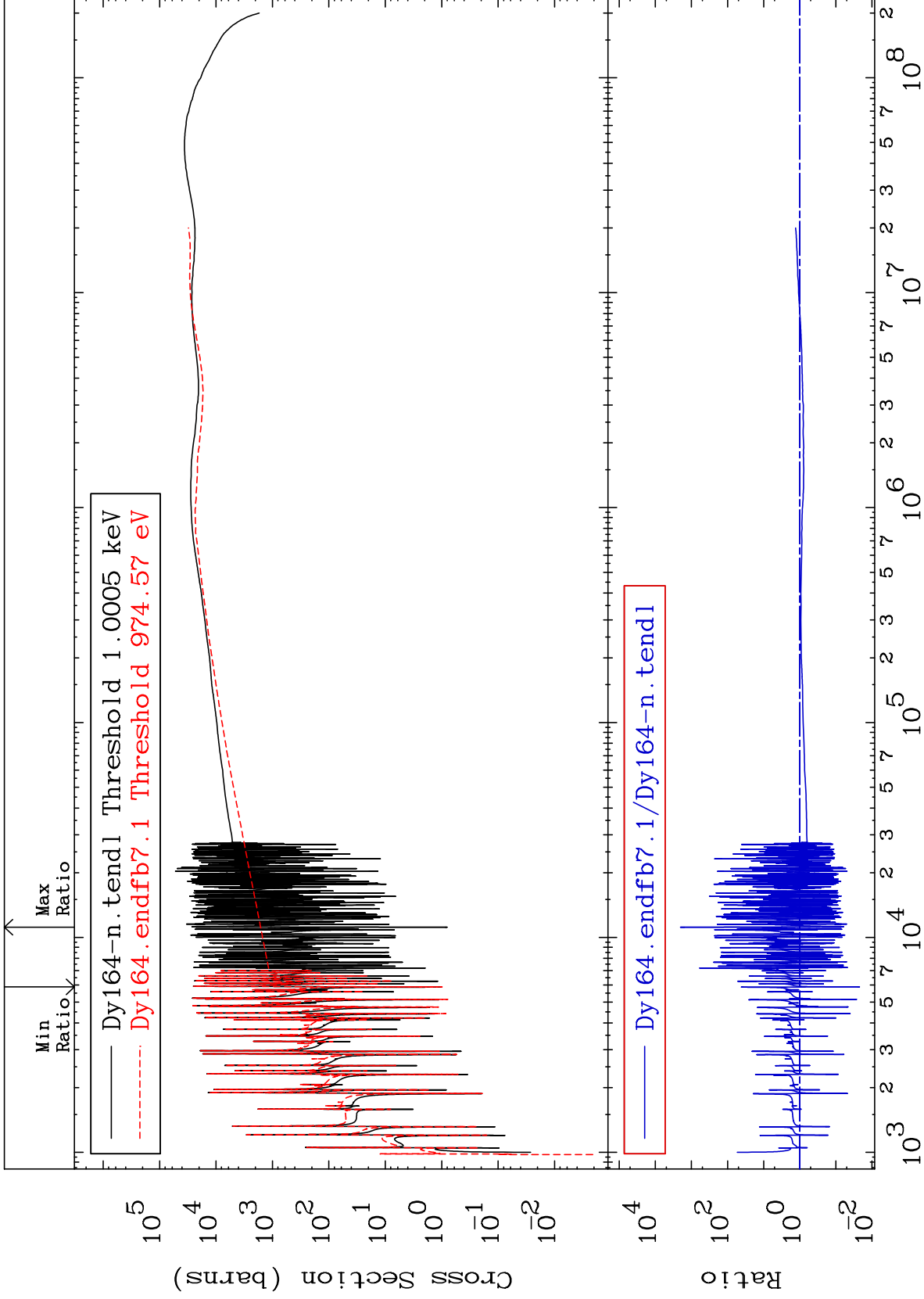


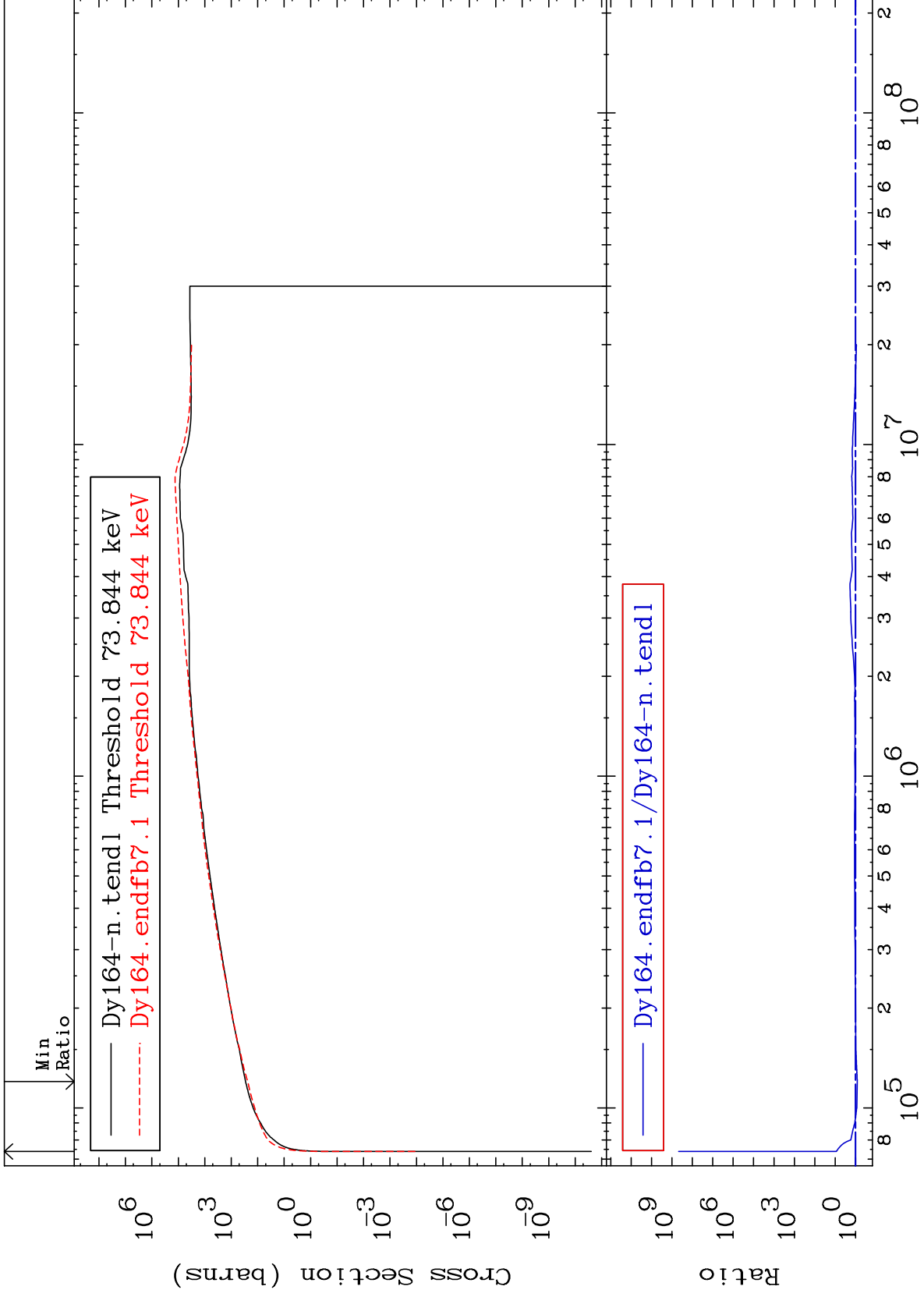
MAT 6649

Dpa total (eV-barns)
Cross Section

66-Dy-164
-96.43 To 9999. %



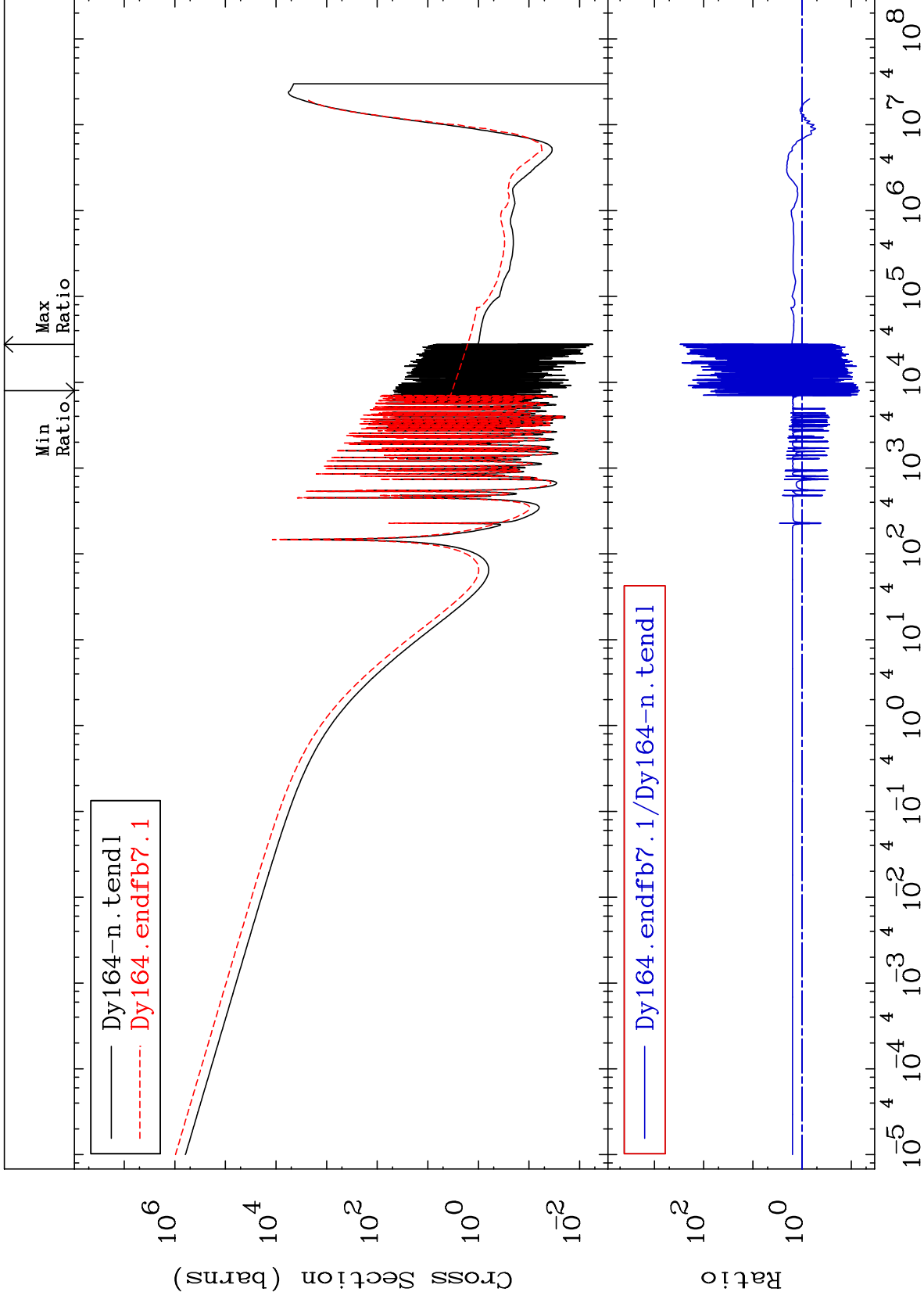




MAT 6649

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-164
-93.15 To 9999. %



56

Incident Energy (eV)

66-Dy-164