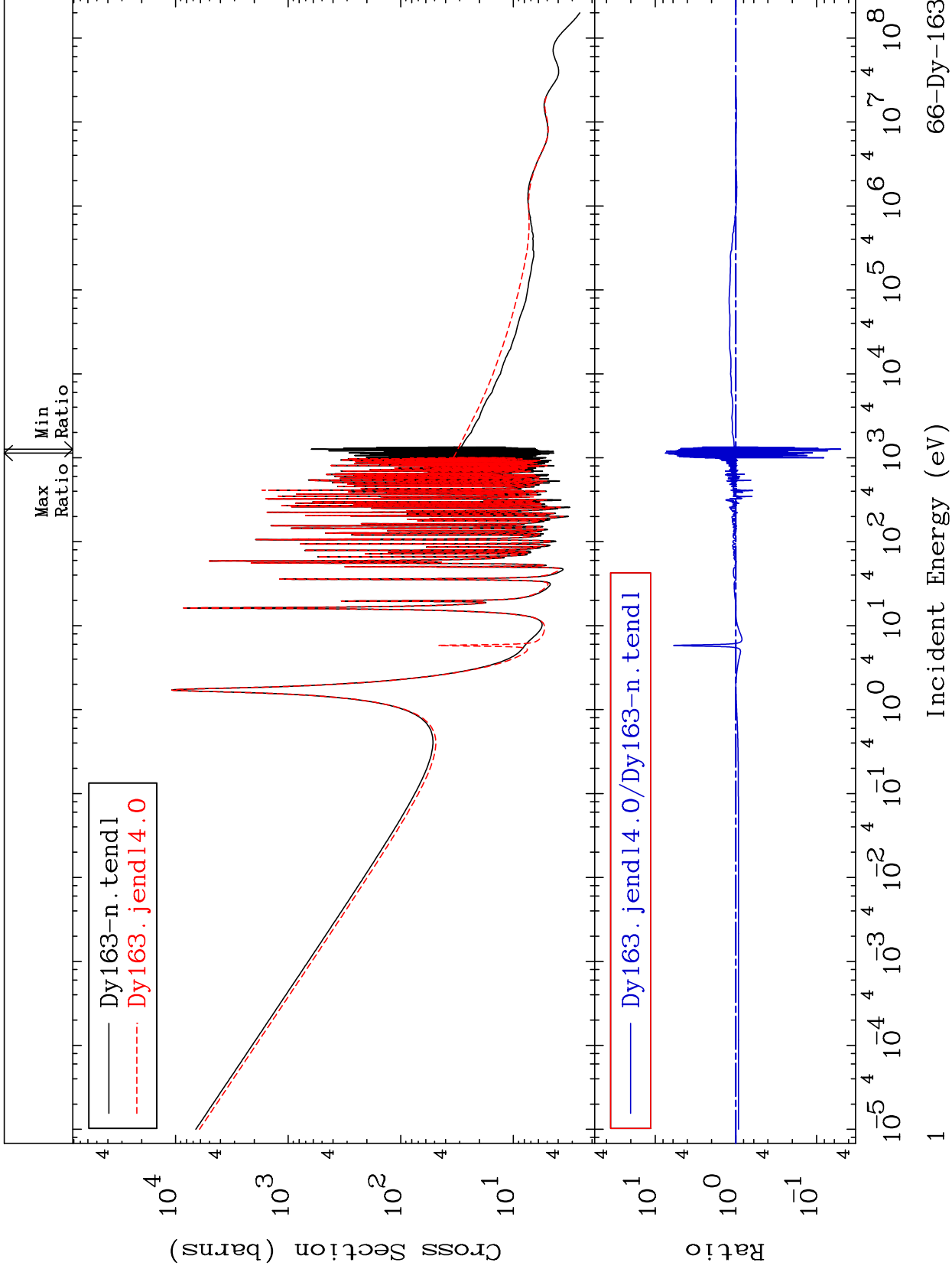


MAT 6646

Total
Cross Section

66-Dy-163
-94.98 To 644.5 %



Incident Energy (eV)

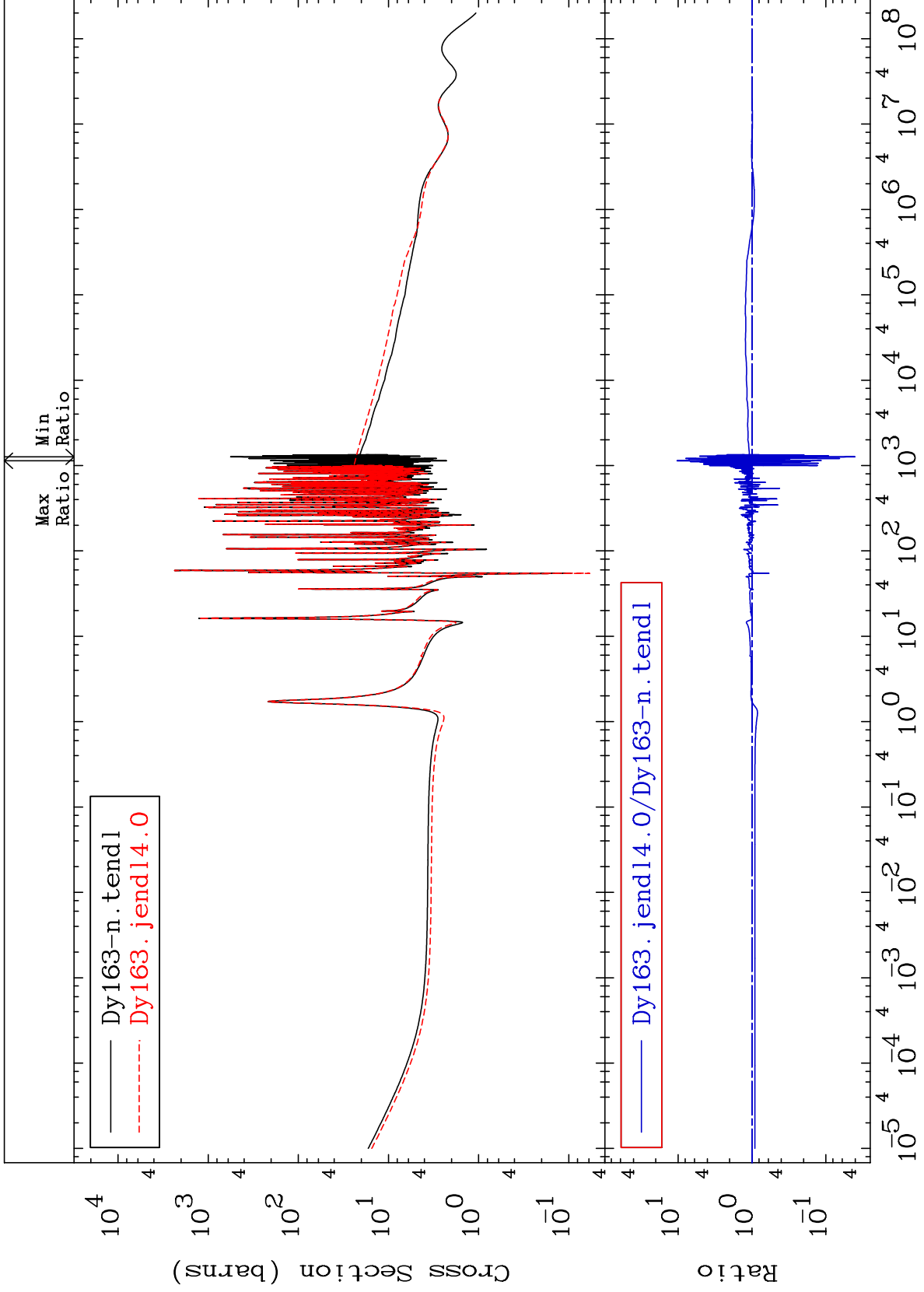
66-Dy-163

MAT 6646

Elastic

Cross Section

66-Dy-163
-95.99 To 935.1 %



Incident Energy (eV)

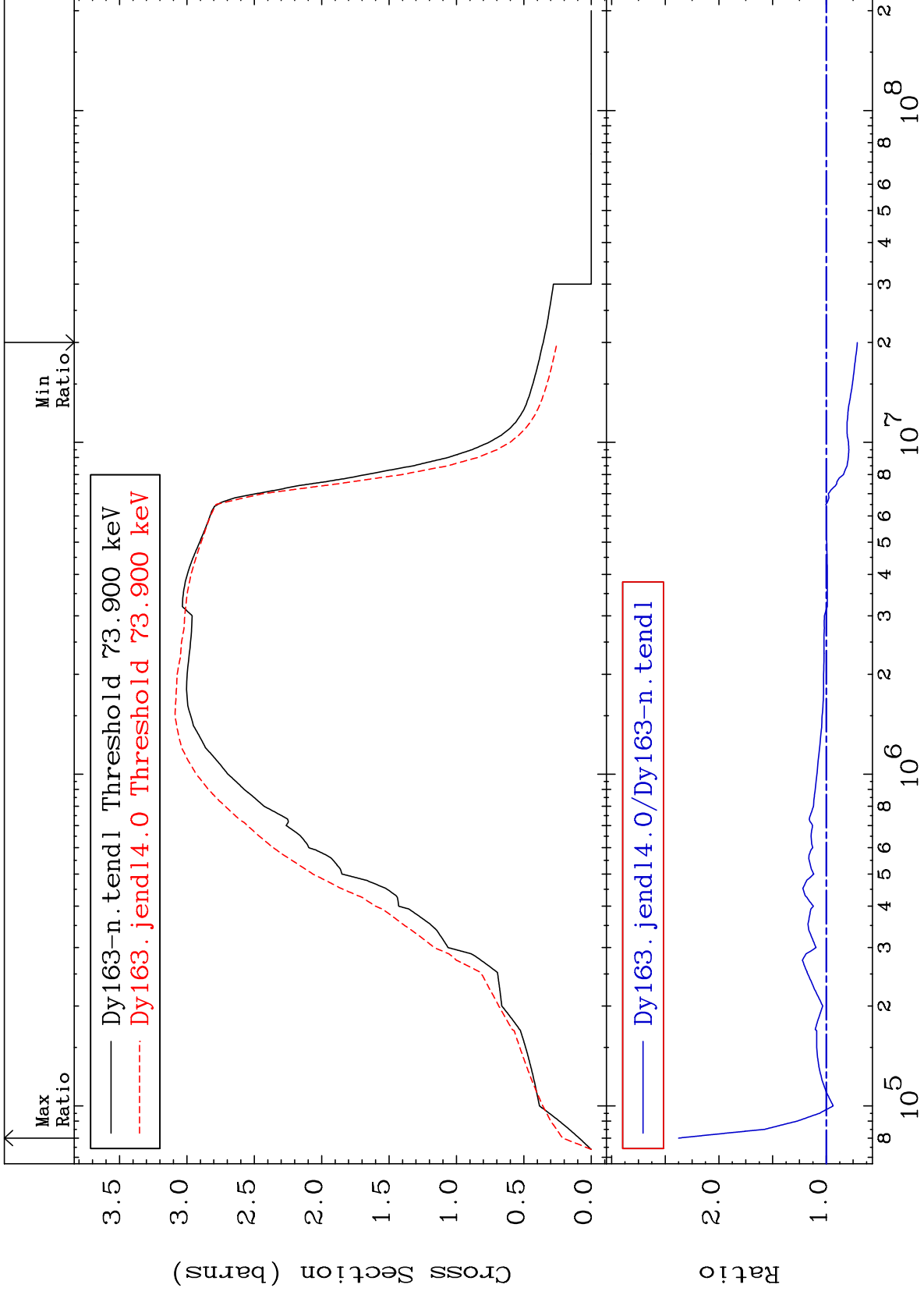
66-Dy-163

2

MAT 6646

Inelastic
Cross Section

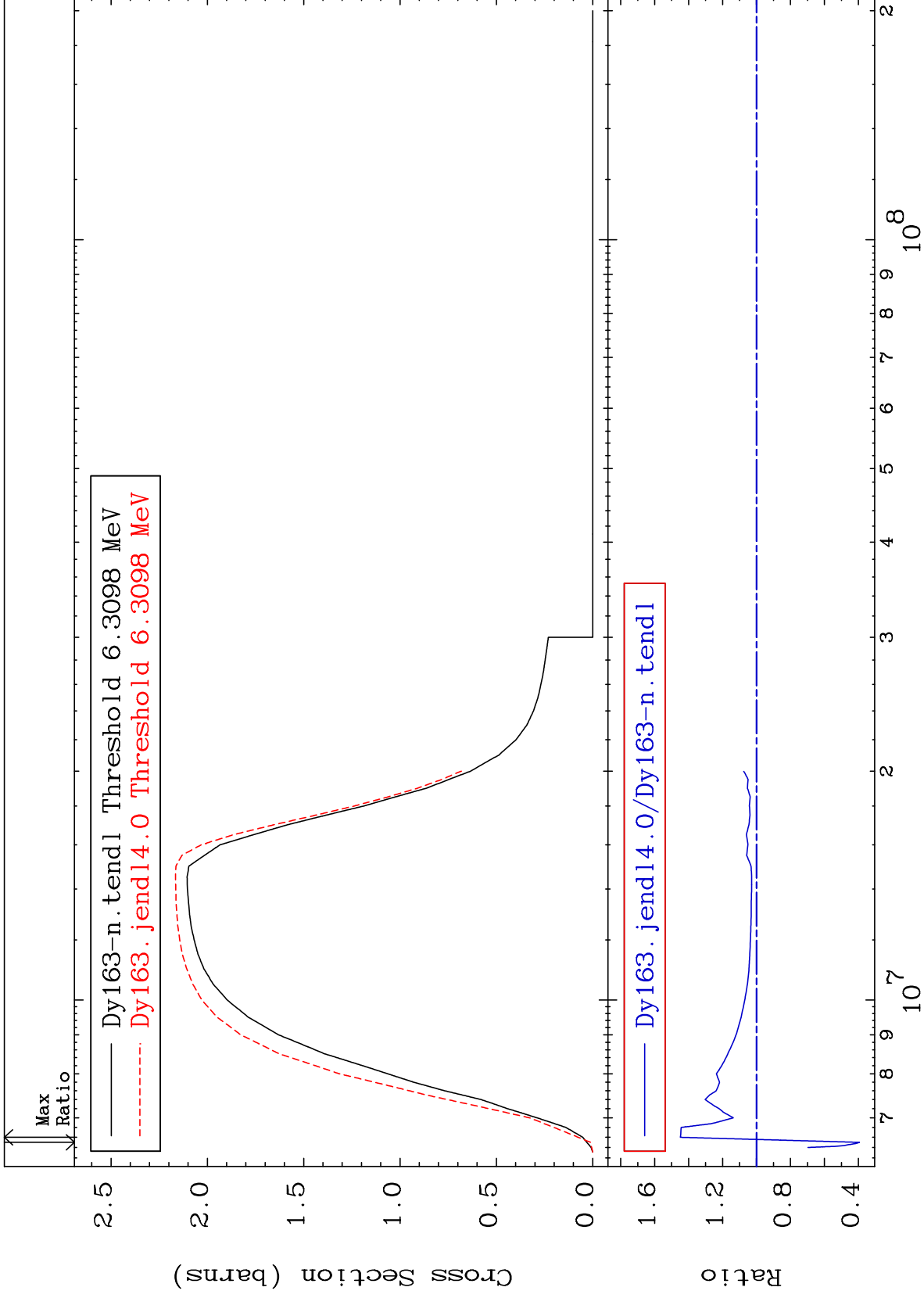
66-Dy-163
-28.81 To 137.5 %



MAT 6646

(n,2n)
Cross Section

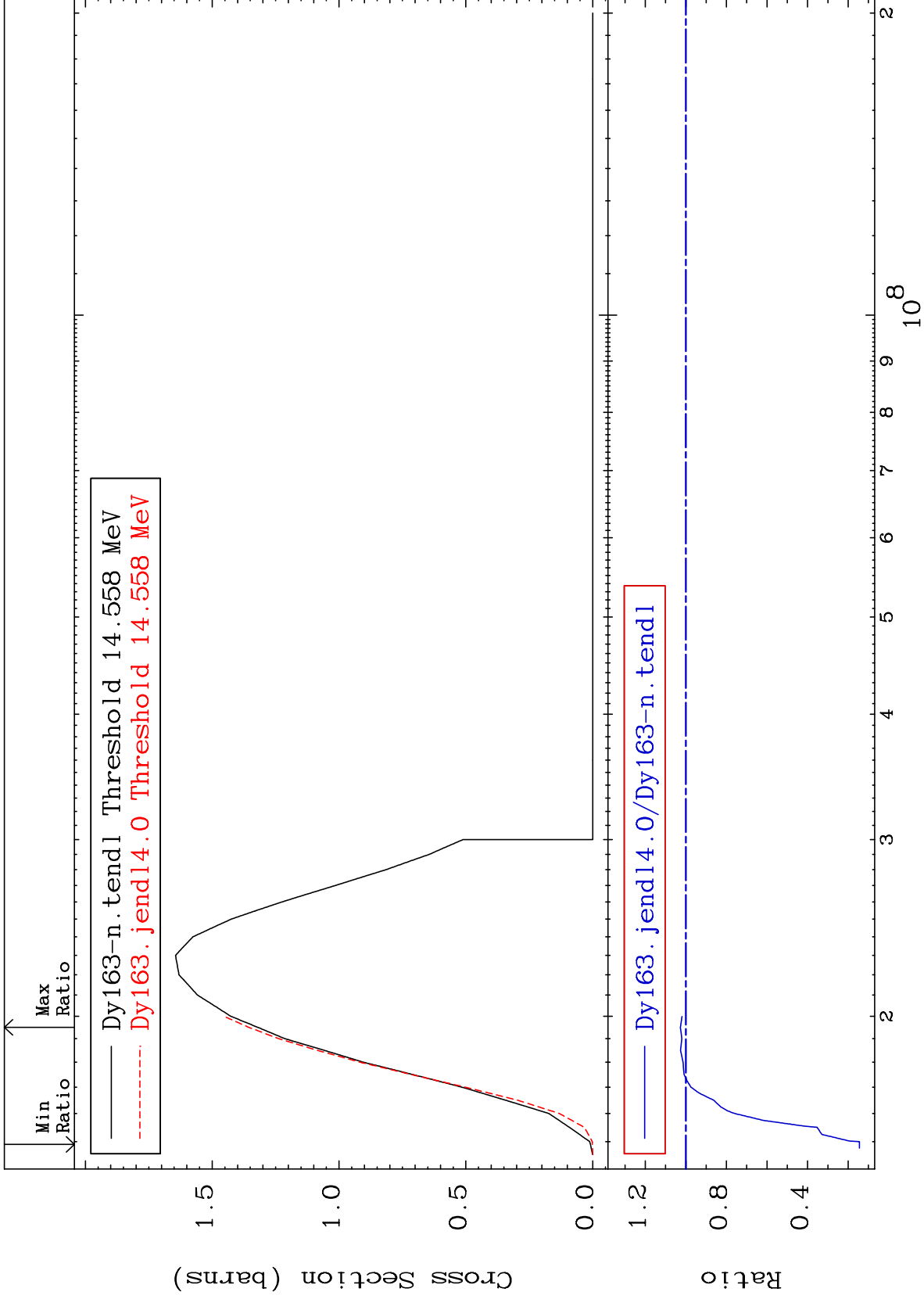
66-Dy-163
-60.63 To 44.87 %



MAT 6646

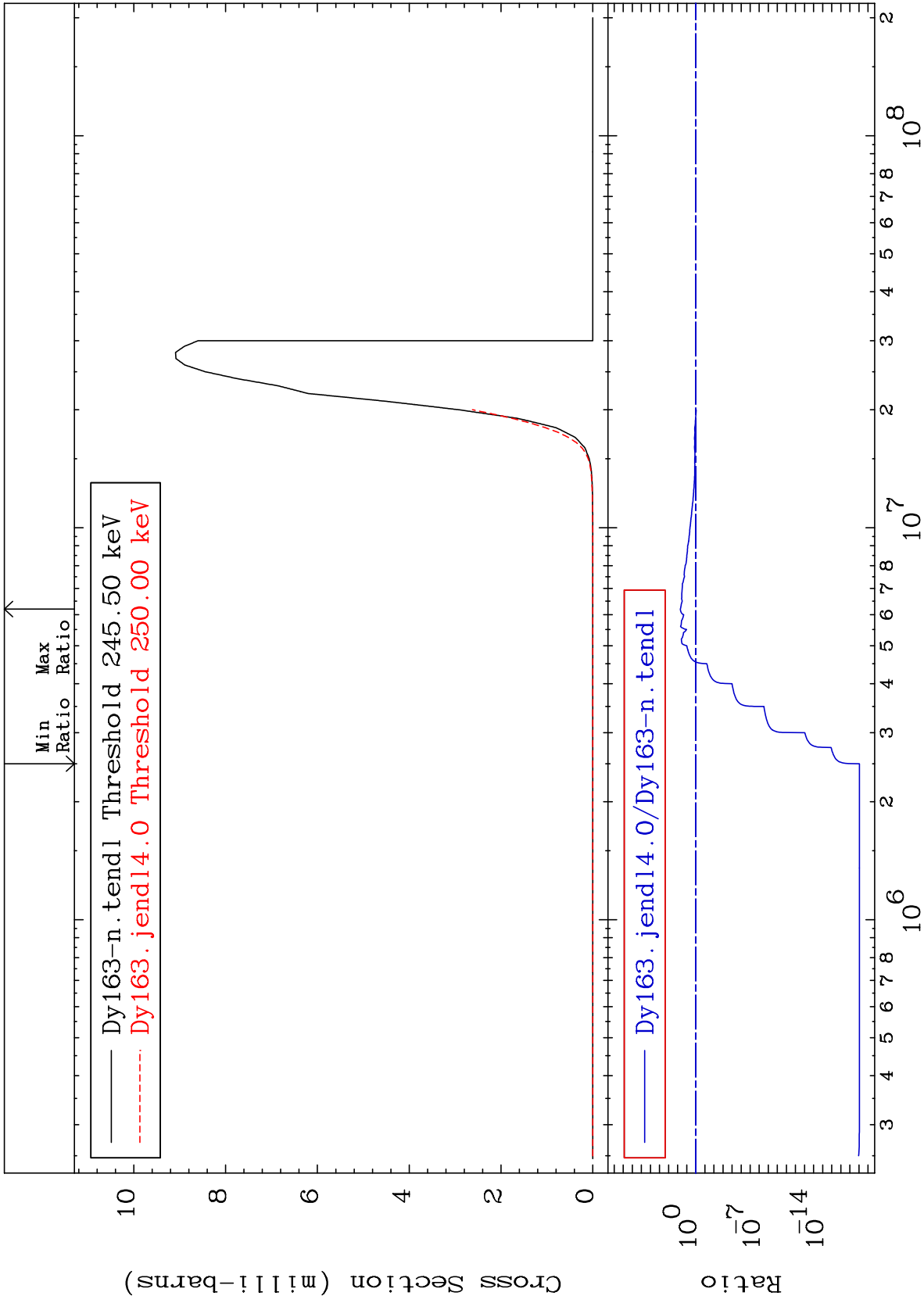
(n,3n)
Cross Section

66-Dy-163
-85.56 To 2.709 %



MAT 6646

$(n, n') \alpha$
Cross Section
66-Dy-163
-100.0 To 4940. %



6

Incident Energy (eV)

66-Dy-163

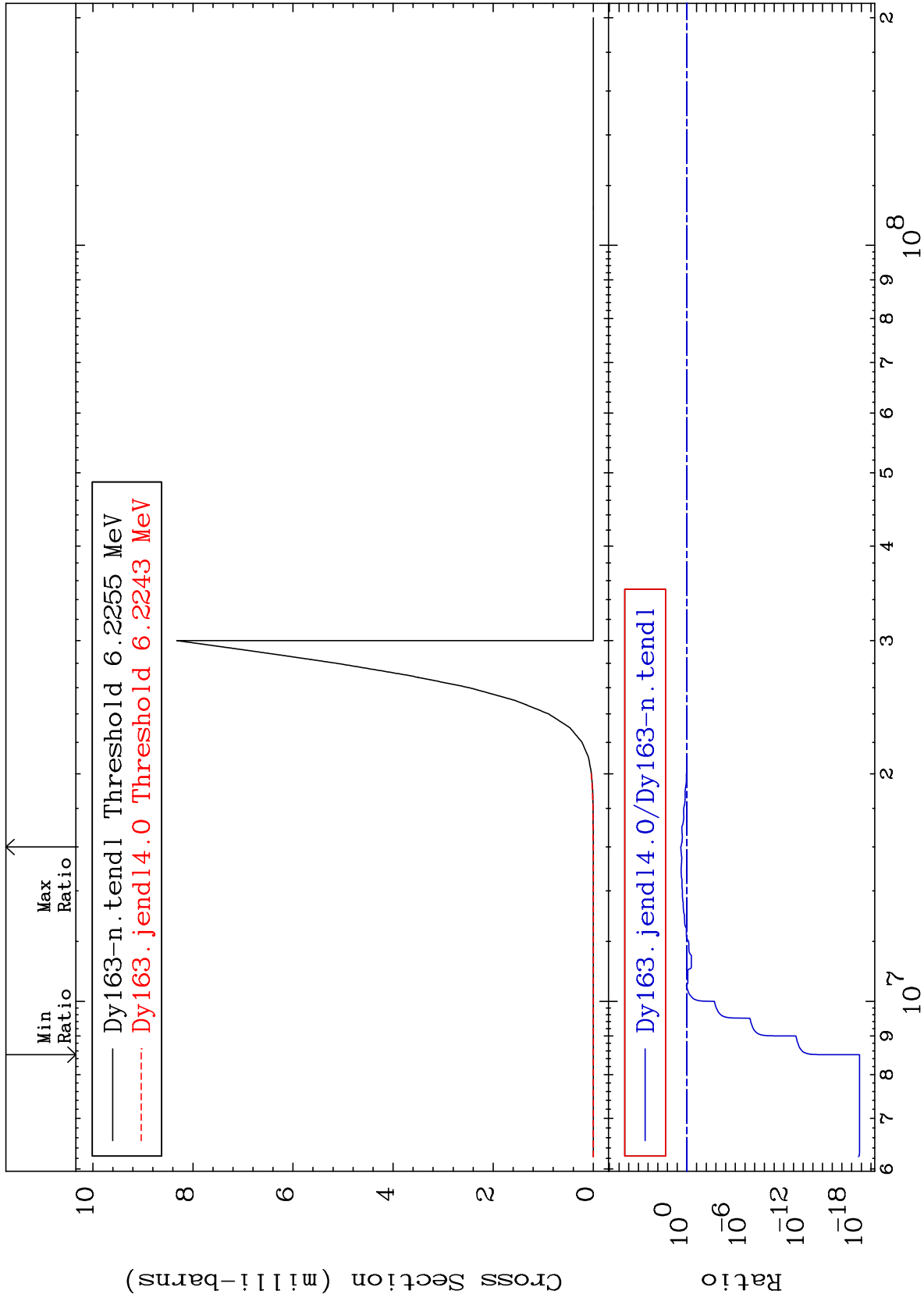
MAT 6646

(n,2n) α

66-Dy-163

Cross Section

-100.0 To 325.5 %



7

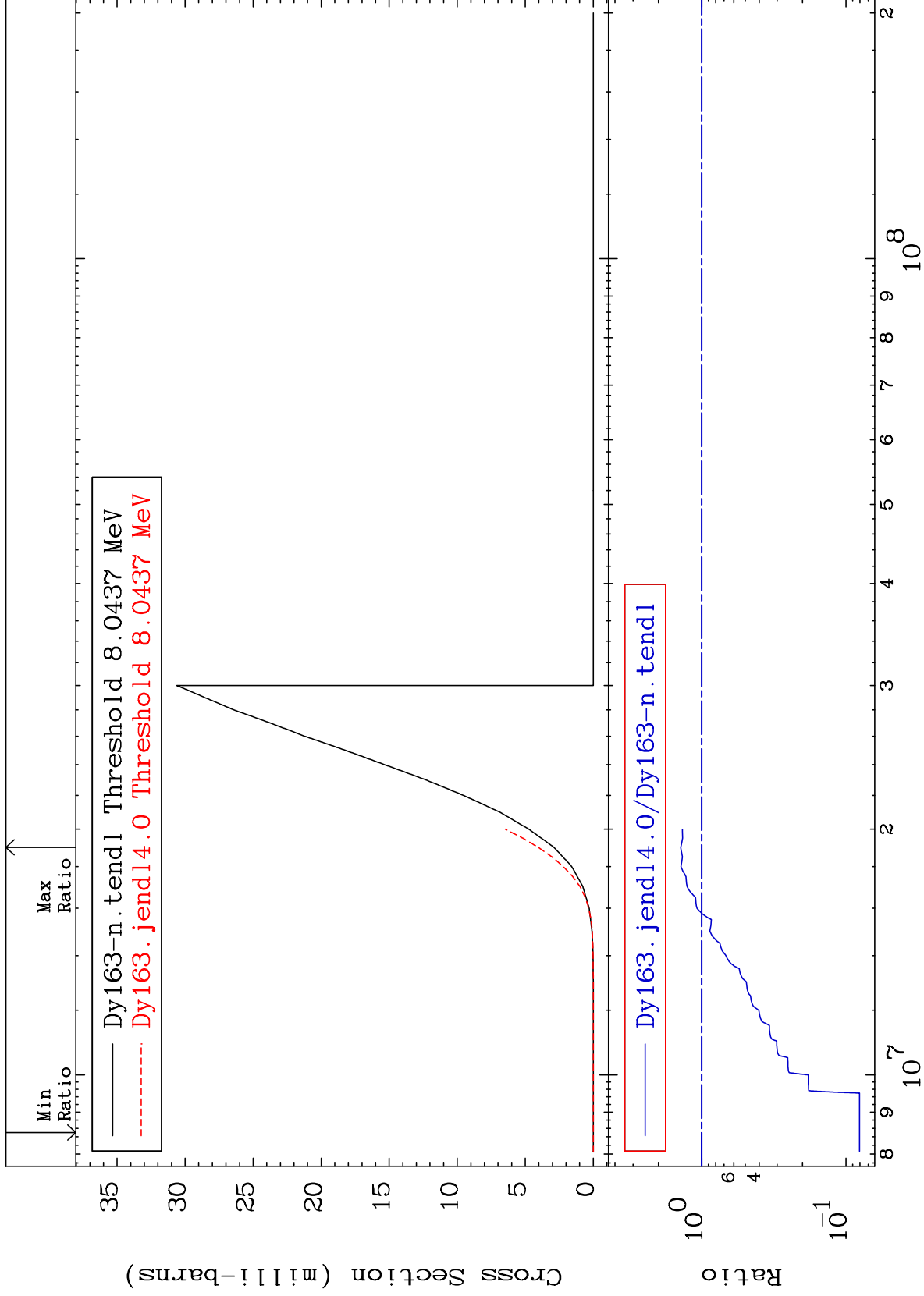
Incident Energy (eV)

66-Dy-163

MAT 6646

(n, n') p
Cross Section

66-Dy-163
-91.95 To 39.86 %



66-Dy-163

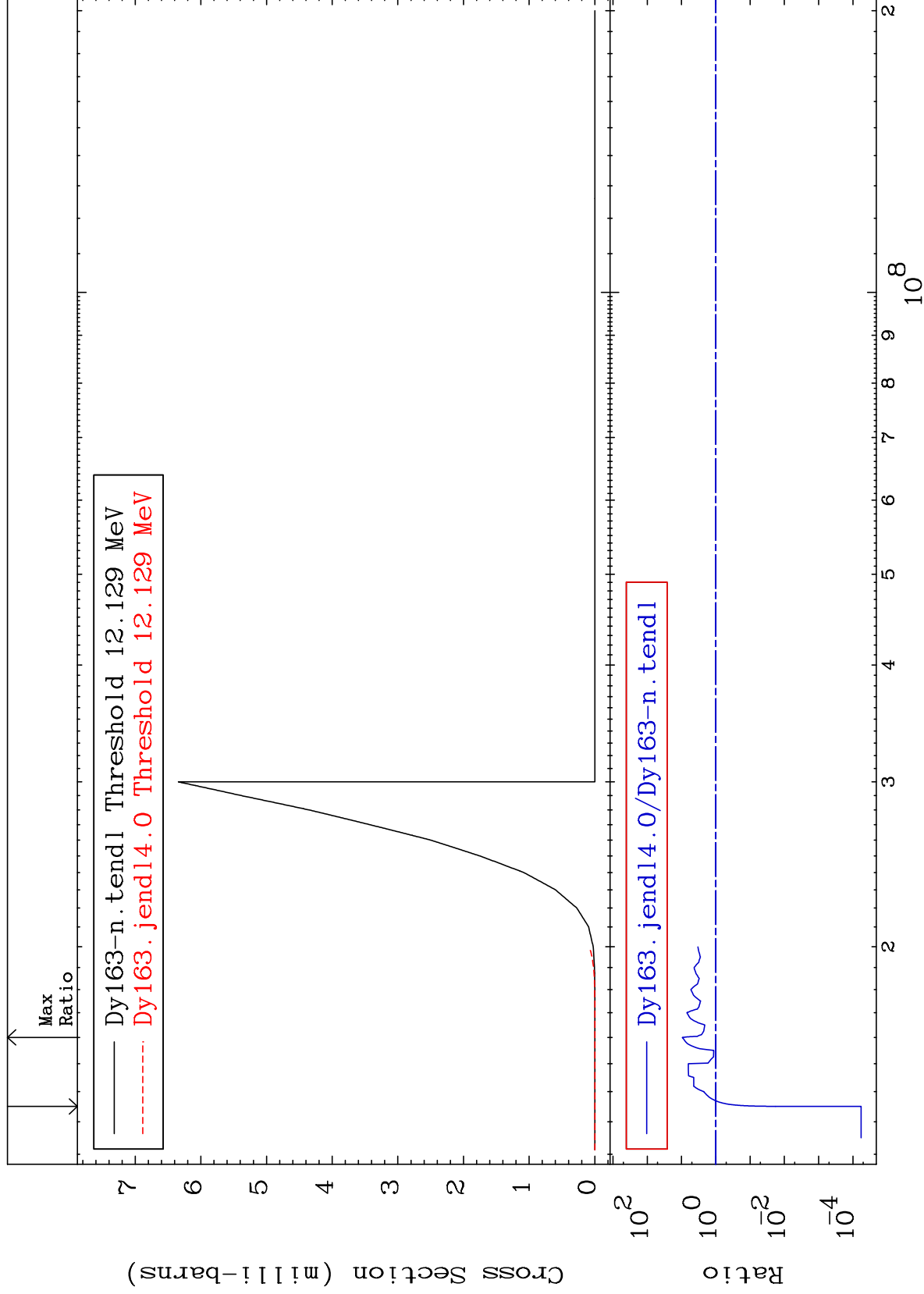
Incident Energy (eV)

8

MAT 6646

(n, n') d
Cross Section

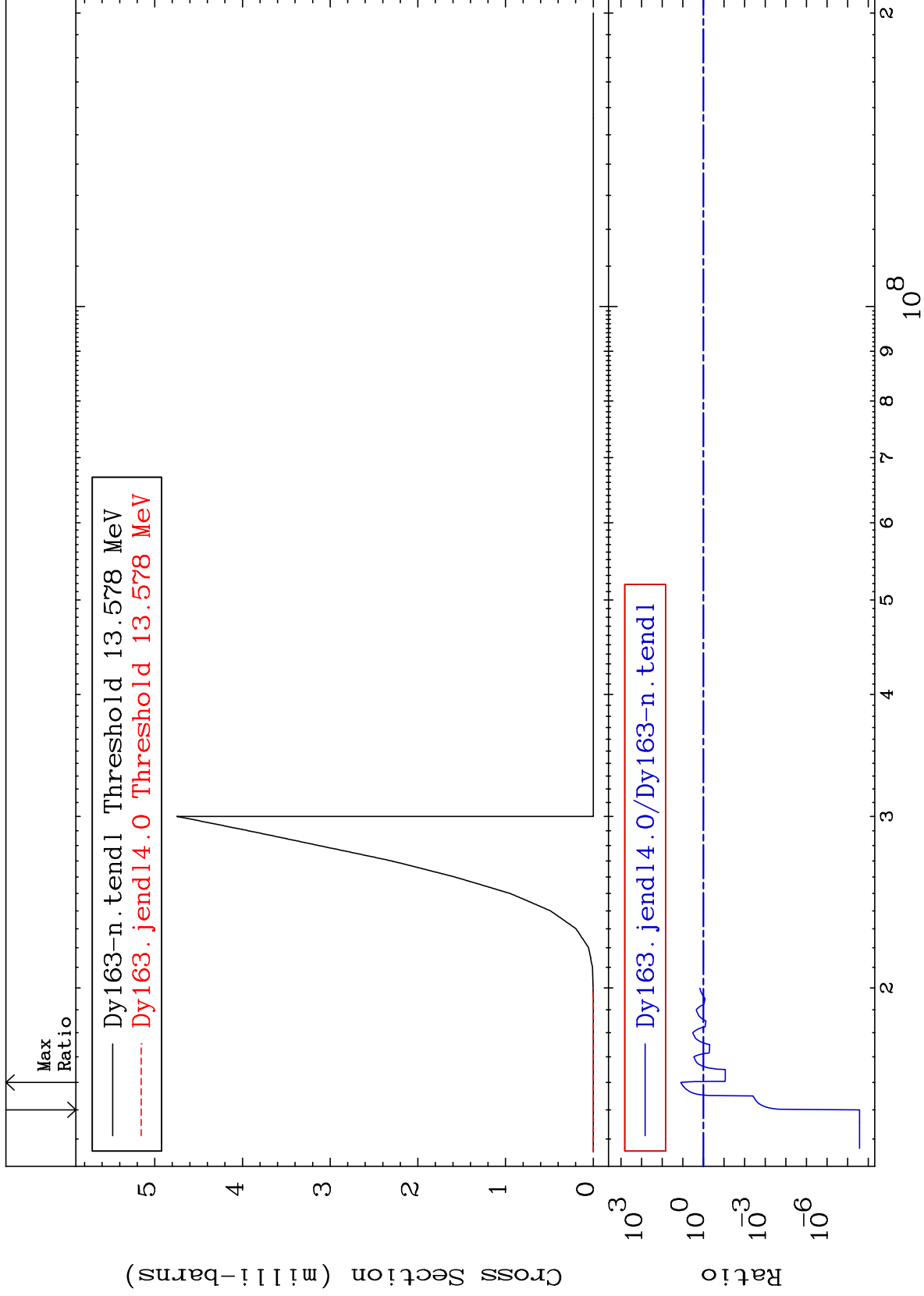
66-Dy-163
-99.99 To 847.4 %



MAT 6646

(n,n') t
Cross Section

66-Dy-163
-100.0 To 1161. %



10

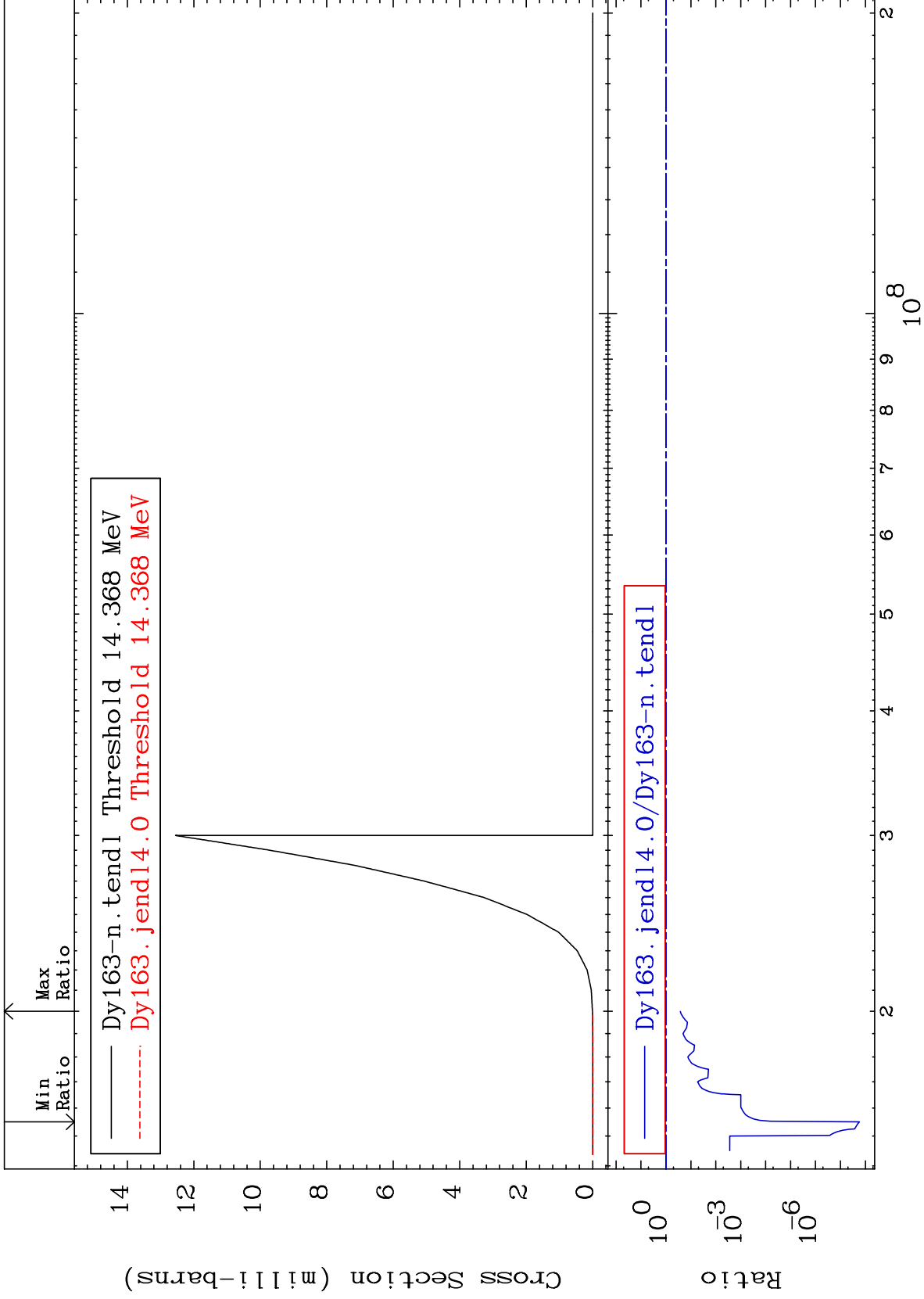
66-Dy-163

66-Dy-163

MAT 6646

(n,2n) p
Cross Section

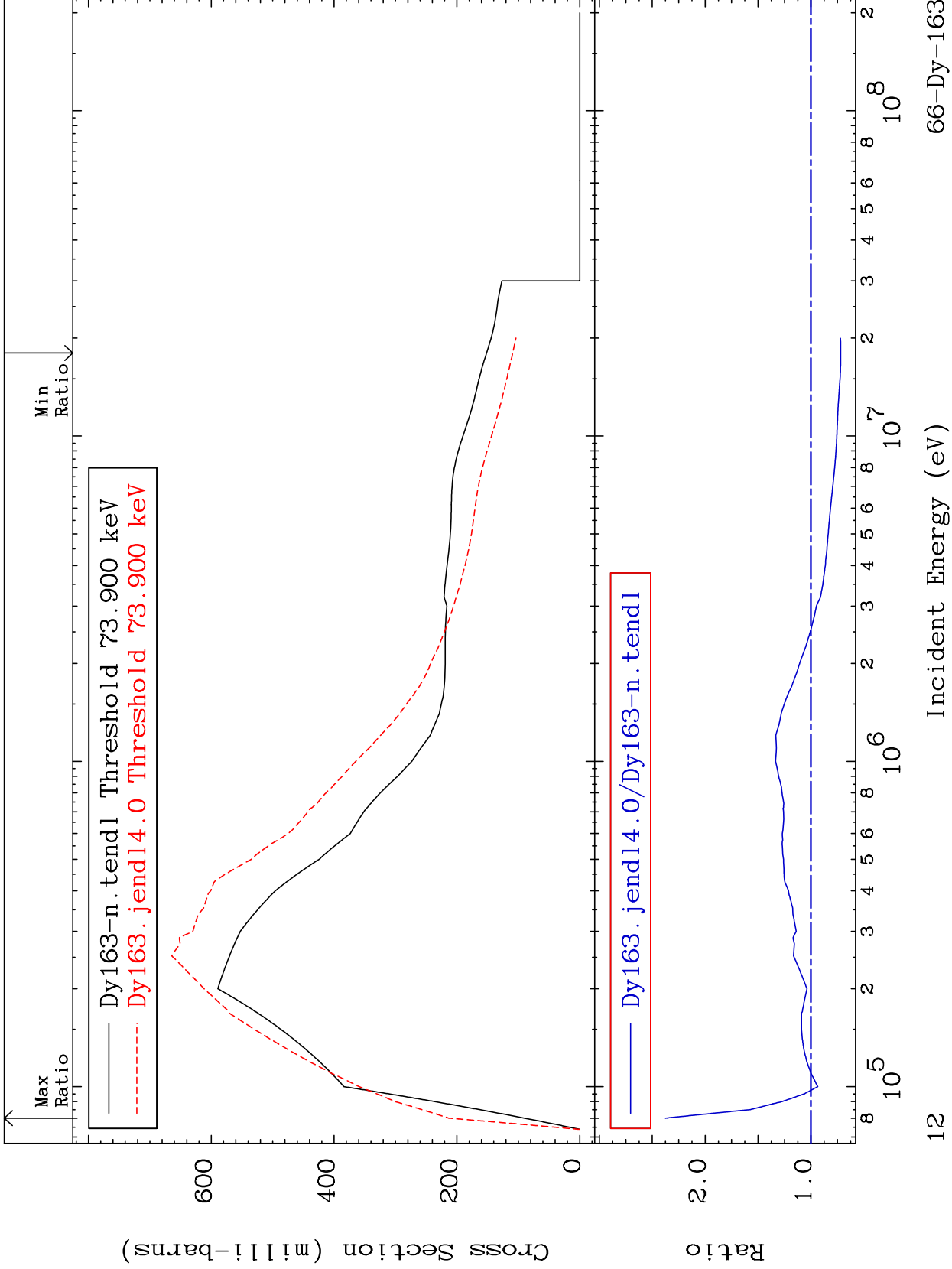
66-Dy-163
-100.0 To -73.66%



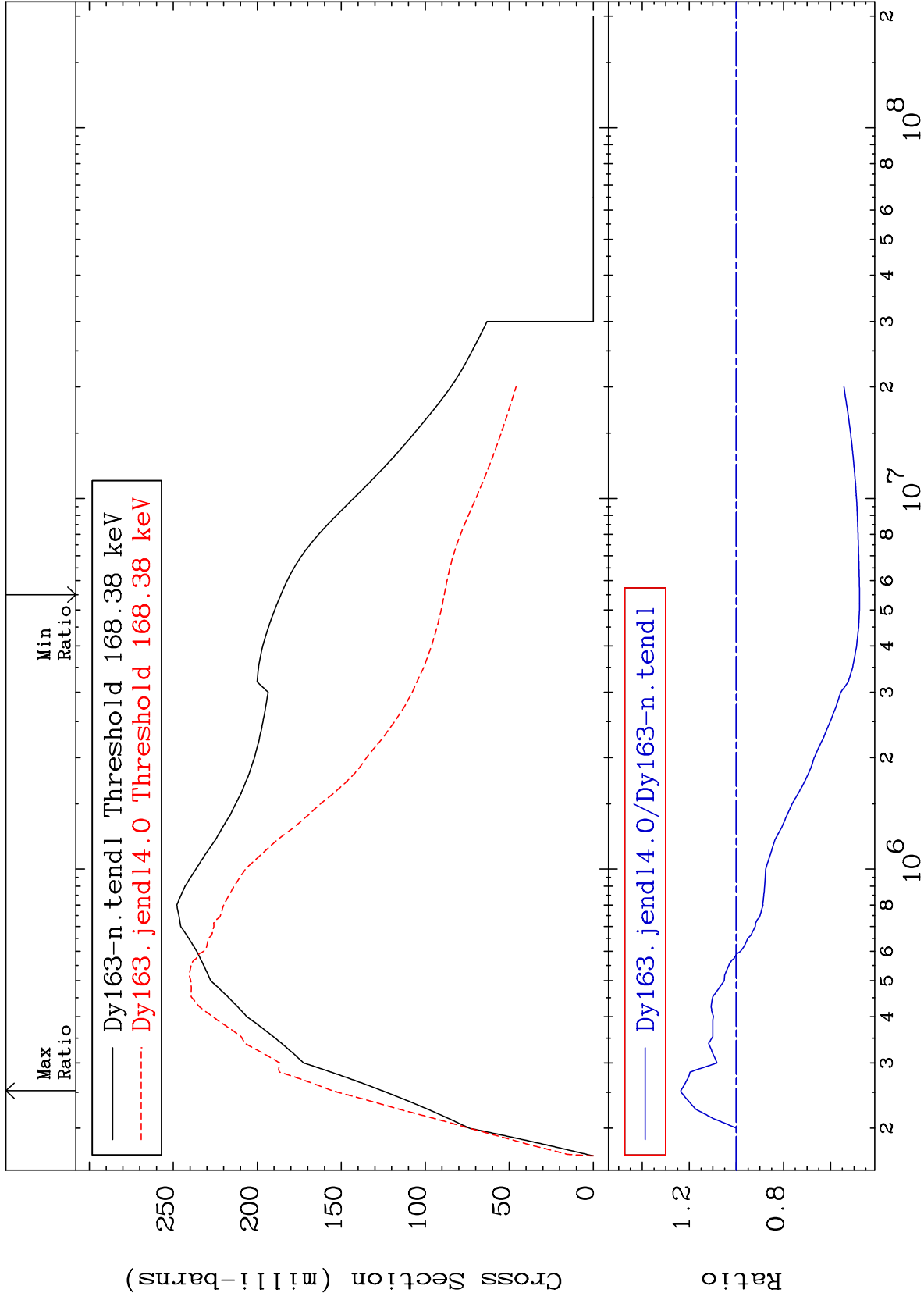
MAT 6646

73.44 keV (n,n') Level
Cross Section

66-Dy-163
-28.08 To 137.5 %



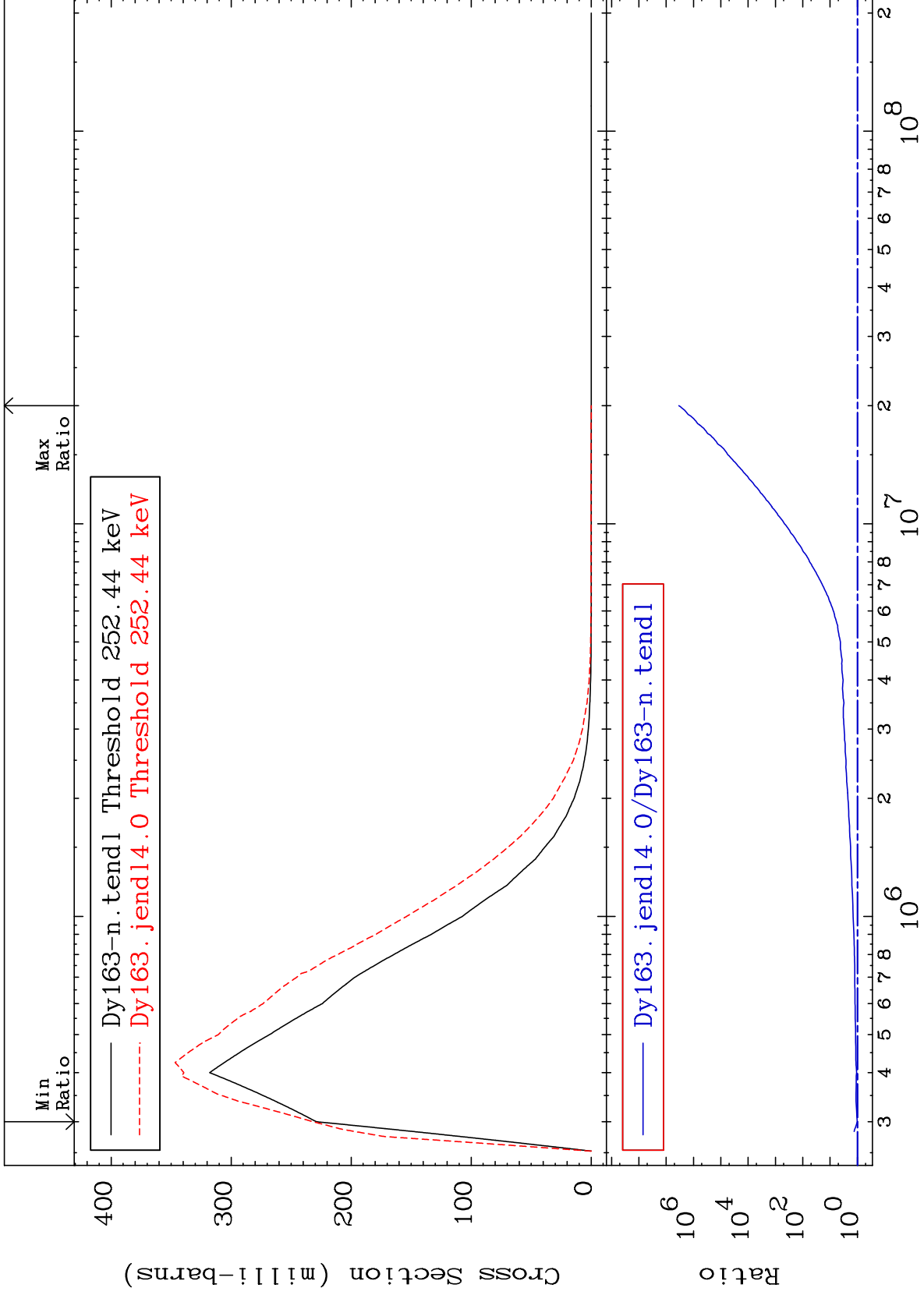
MAT 6646 167.3 keV (n,n') Level 66-Dy-163
 Cross Section -52.32 To 23.62 %



MAT 6646

250.9 keV (n,n') Level
Cross Section

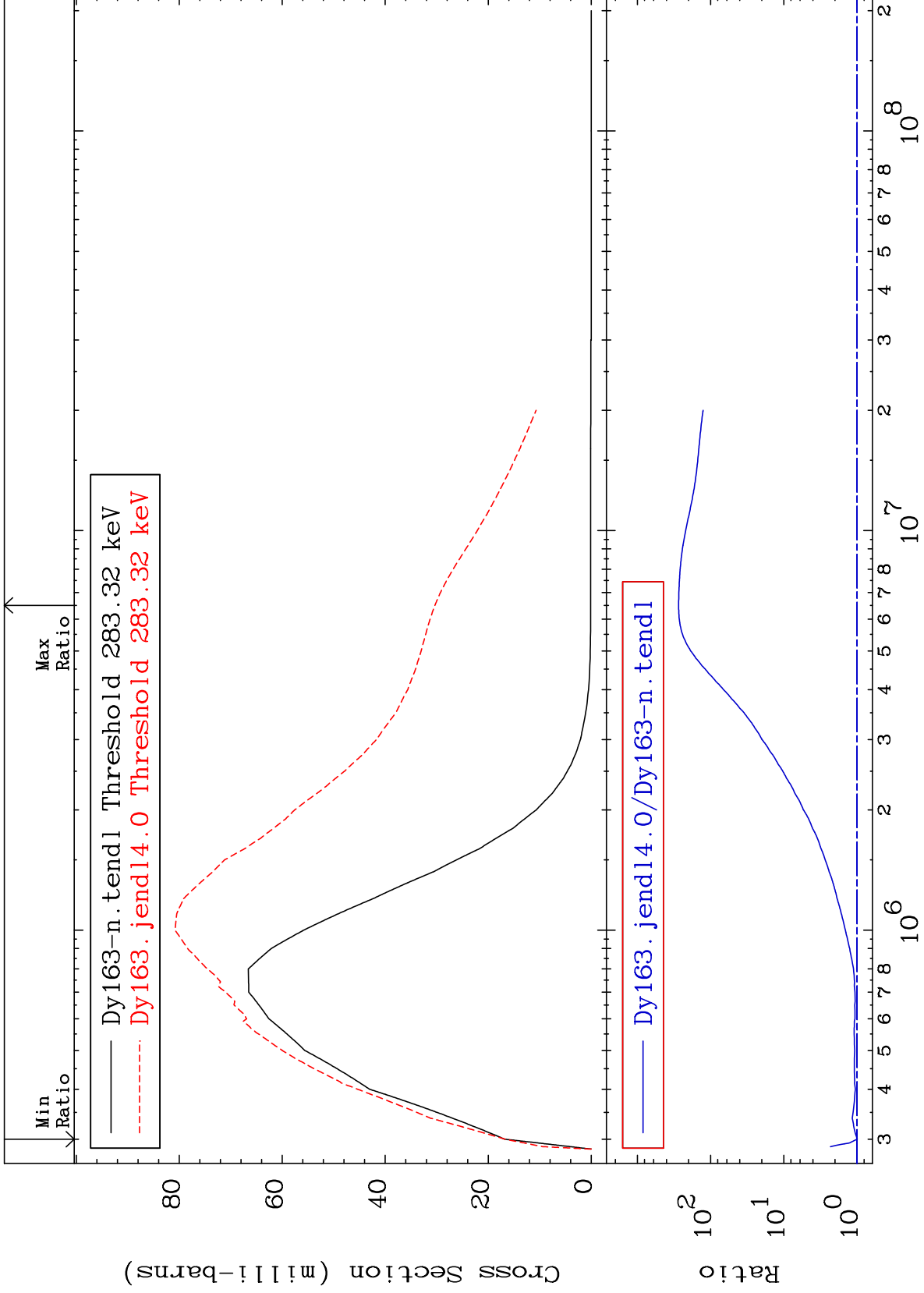
66-Dy-163
1.219 To 9999. %



MAT 6646

281.6 keV (n,n') Level
Cross Section

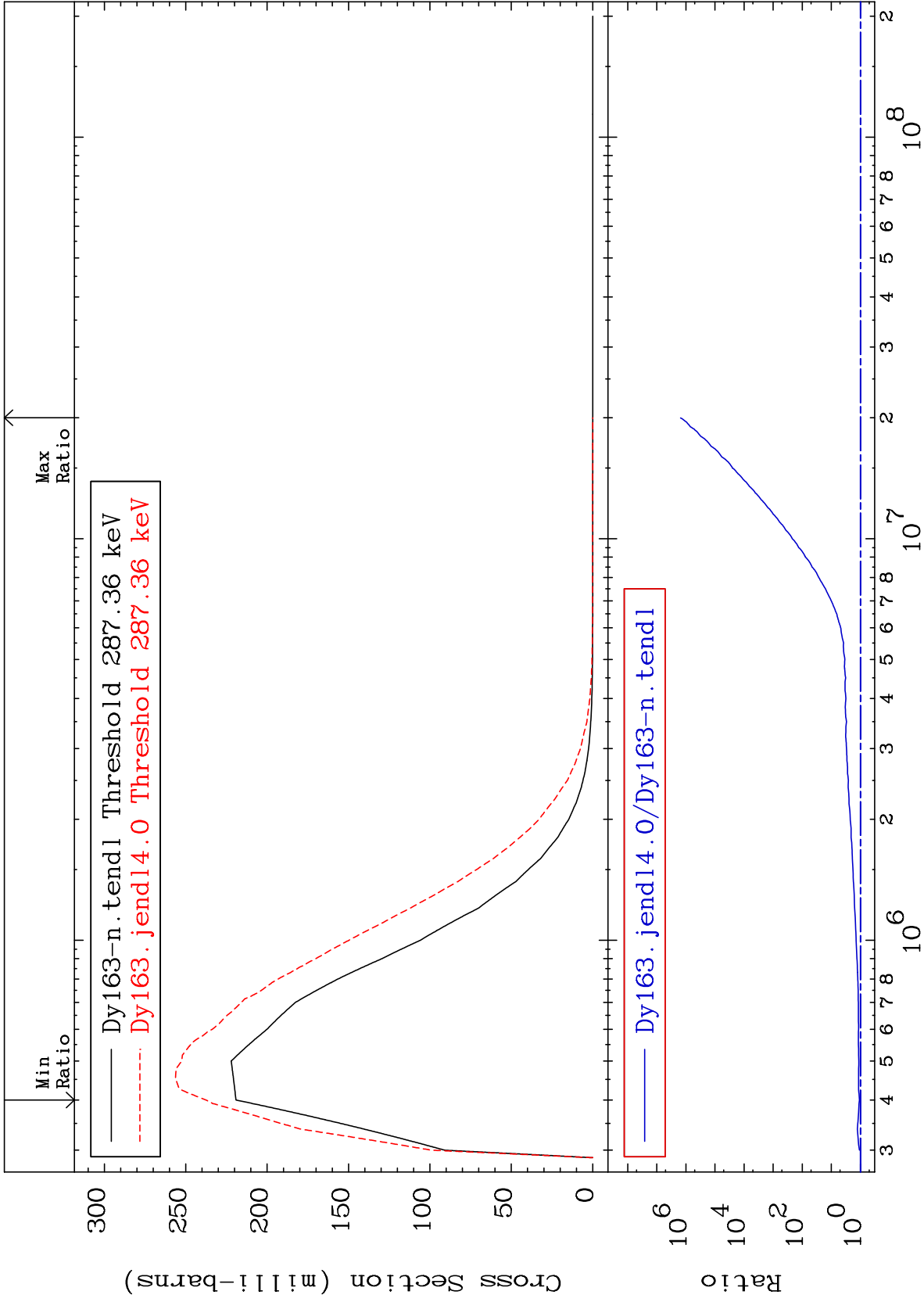
66-Dy-163
-0.633 To 9999. %



15

66-Dy-163

MAT 6646 285.6 keV (n,n') Level 66-Dy-163
 Cross Section 8.399 To 9999. %

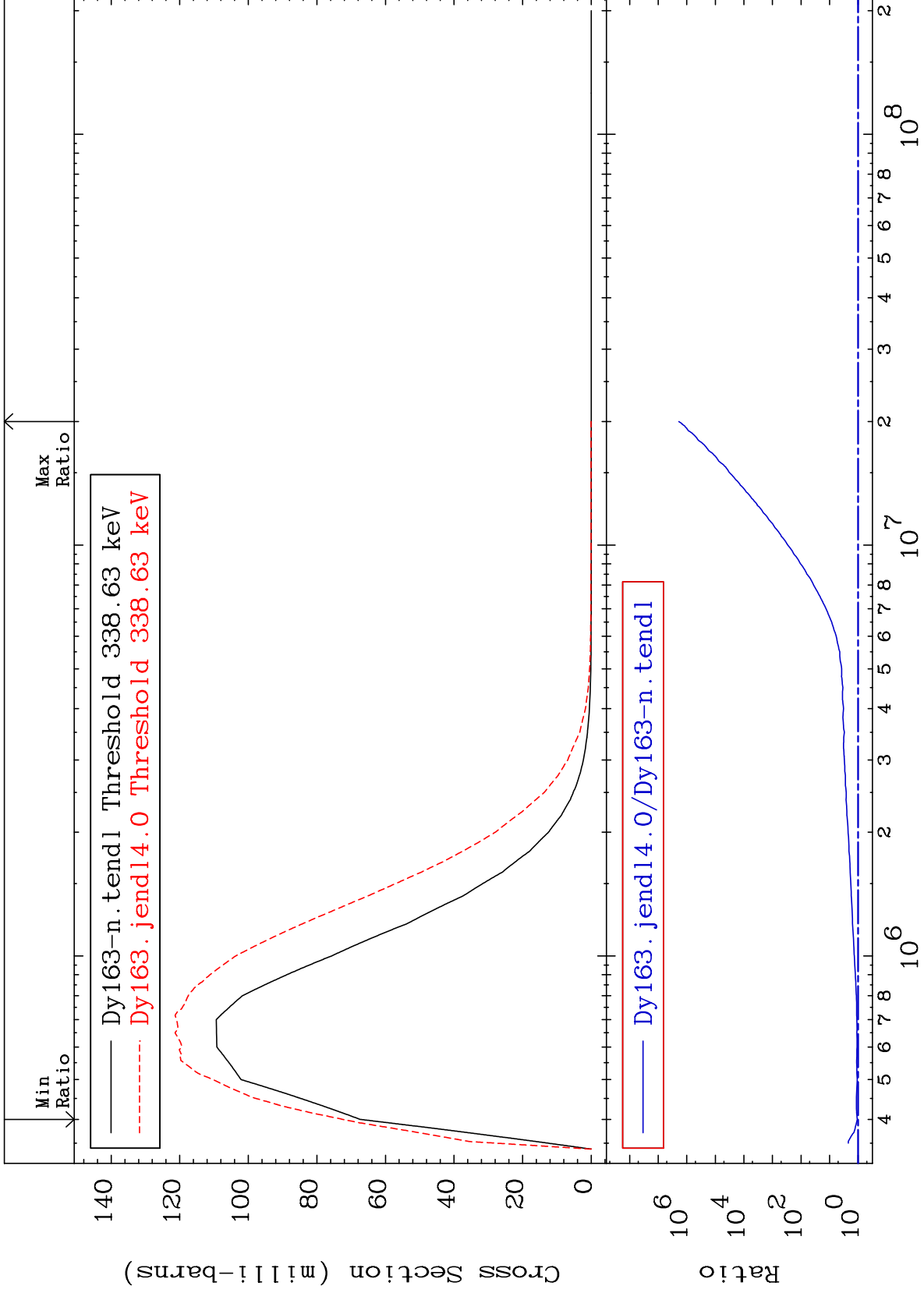


16 Incident Energy (eV) 66-Dy-163

MAT 6646

336.5 keV (n,n') Level
Cross Section

66-Dy-163
7.476 To 9999. %



17

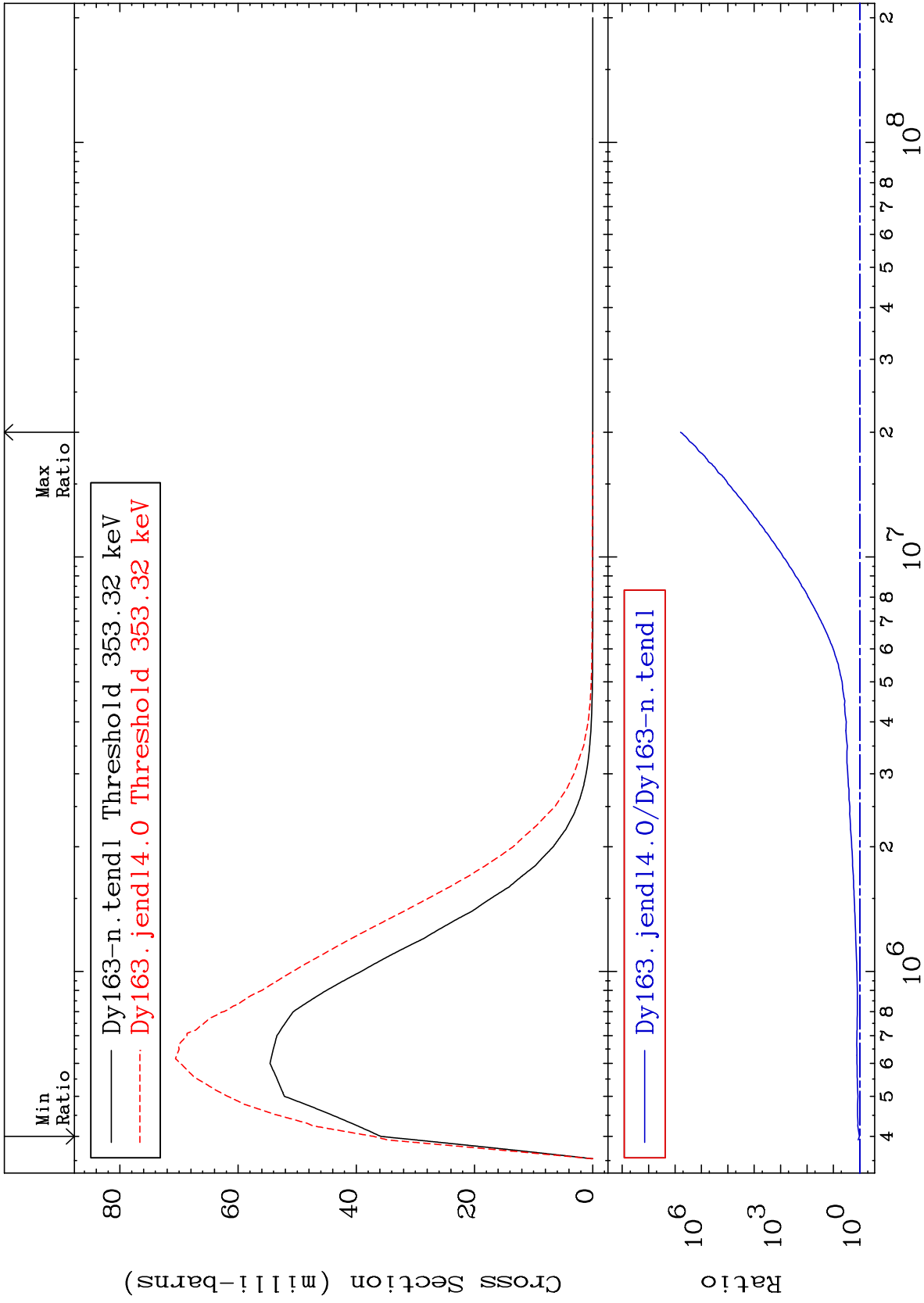
Incident Energy (eV)

66-Dy-163

MAT 6646

351.1 keV (n,n') Level
Cross Section

66-Dy-163
To 9999. %
3.367



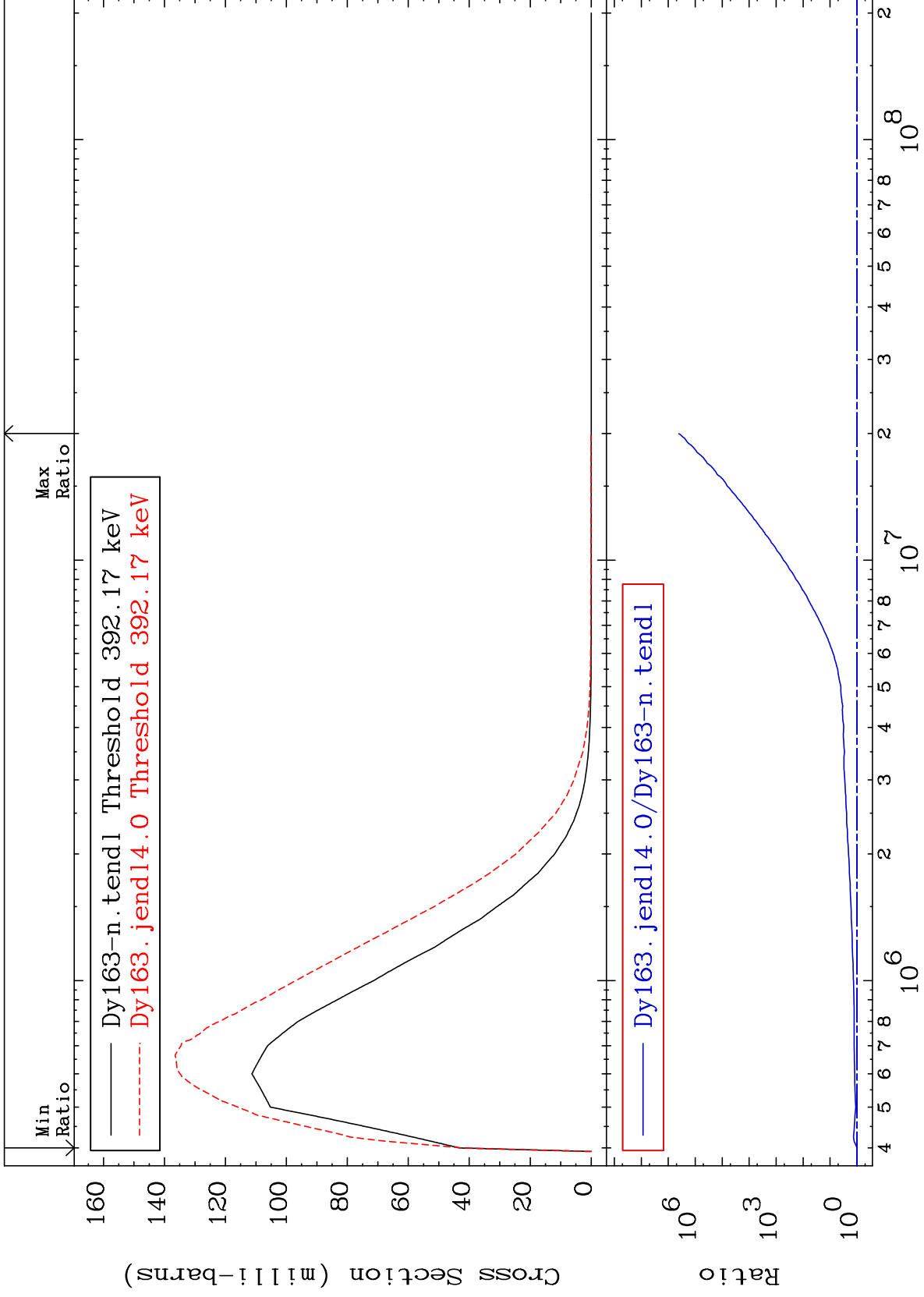
18

66-Dy-163

MAT 6646

389.8 keV (n,n') Level
Cross Section

66-Dy-163
-2.231 To 9999. %



19

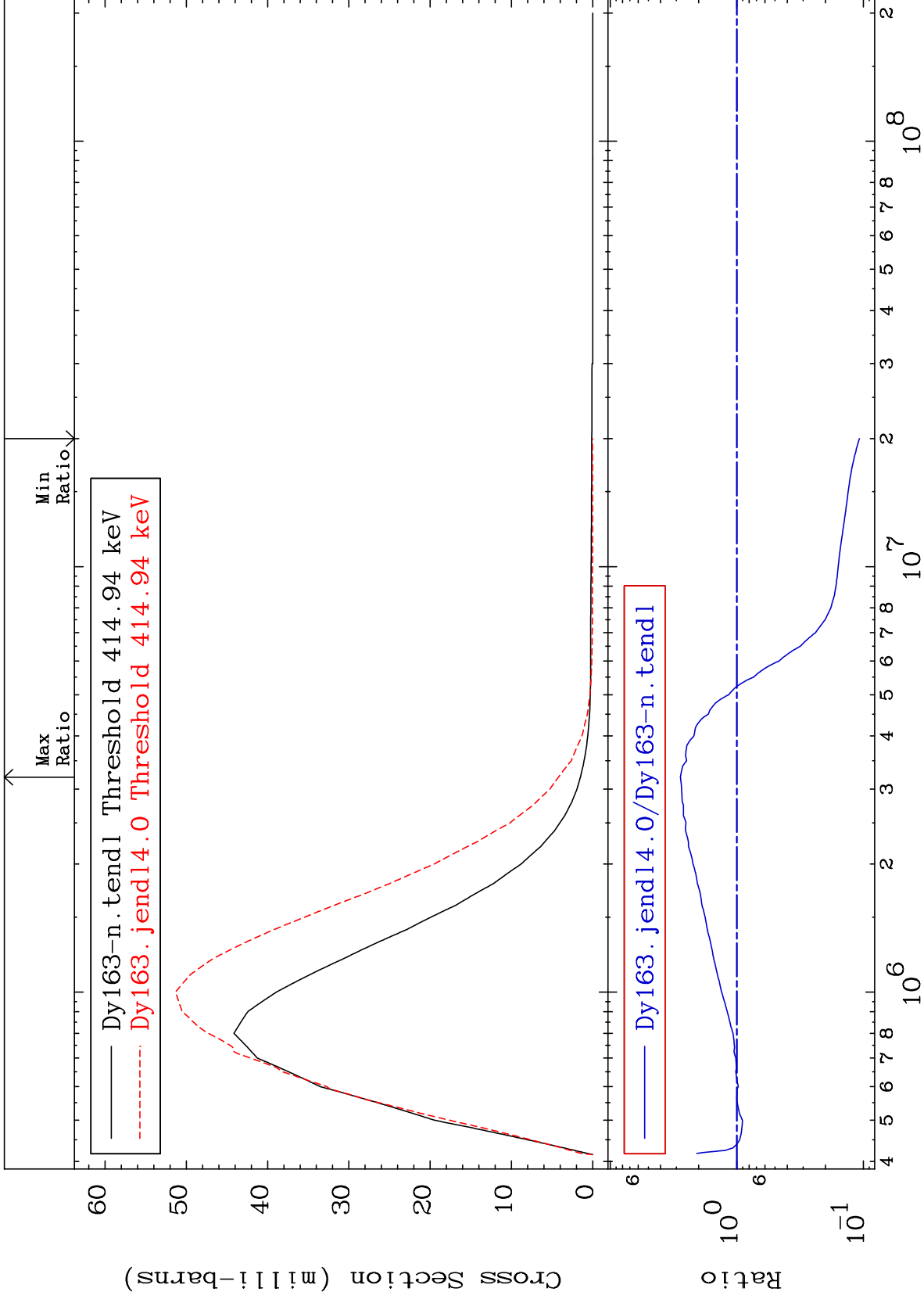
Incident Energy (eV)

66-Dy-163

MAT 6646

412.4 keV (n,n') Level
Cross Section

66-Dy-163
-89.23 To 179.3 %



20

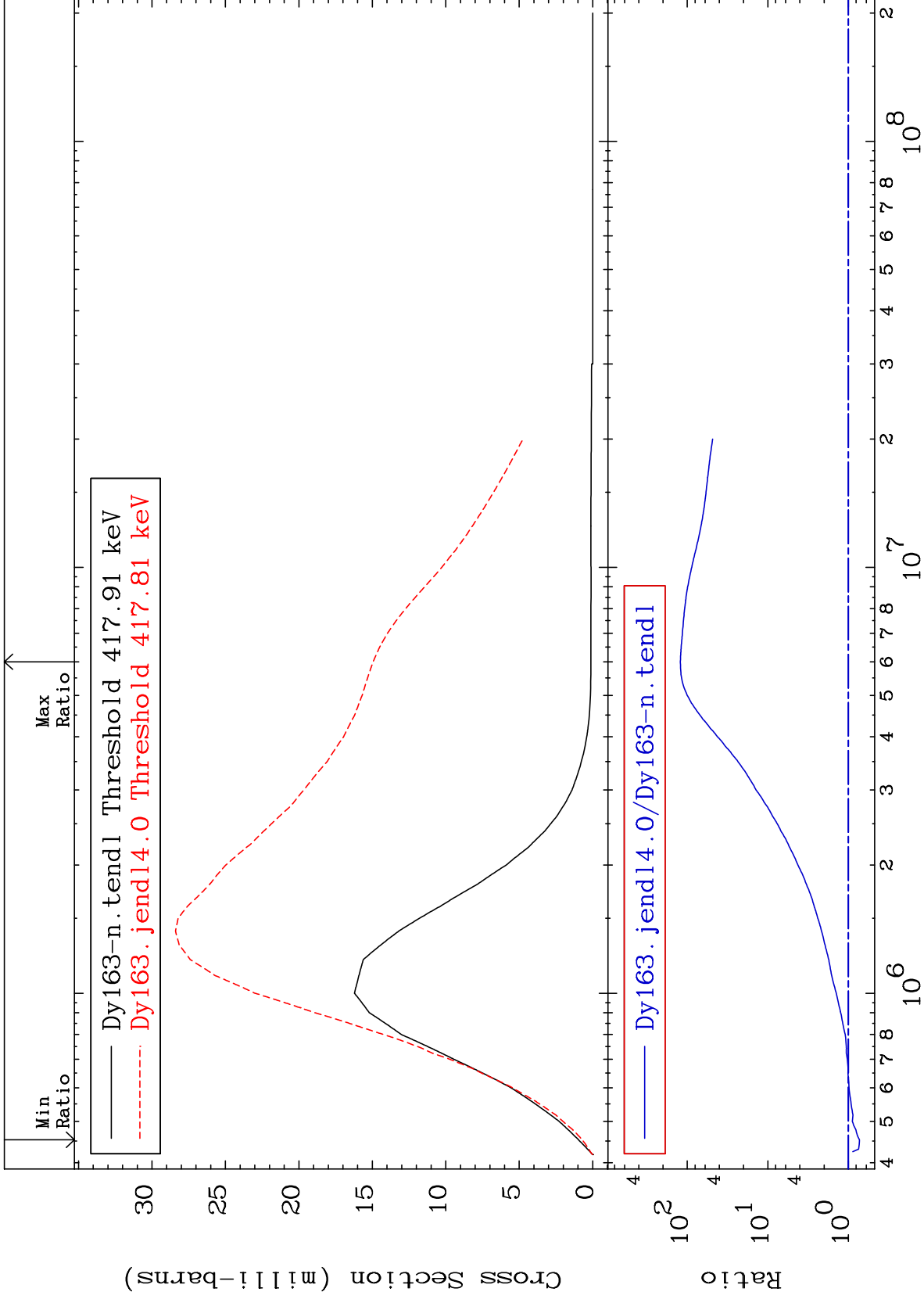
Incident Energy (eV)

66-Dy-163

MAT 6646

415.3 keV (n,n') Level
Cross Section

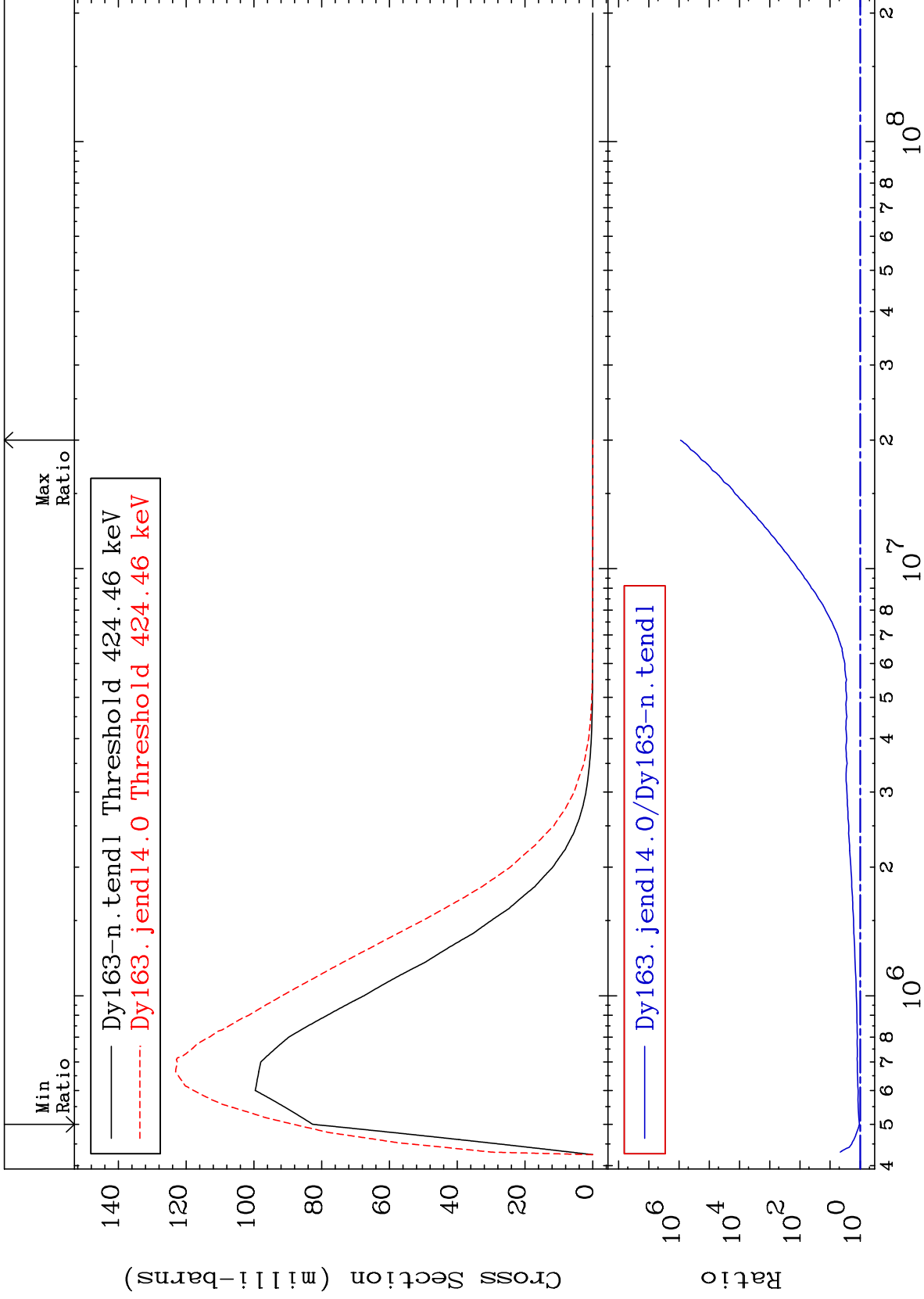
66-Dy-163
-27.09 To 9999. %



MAT 6646

421.8 keV (n,n') Level
Cross Section

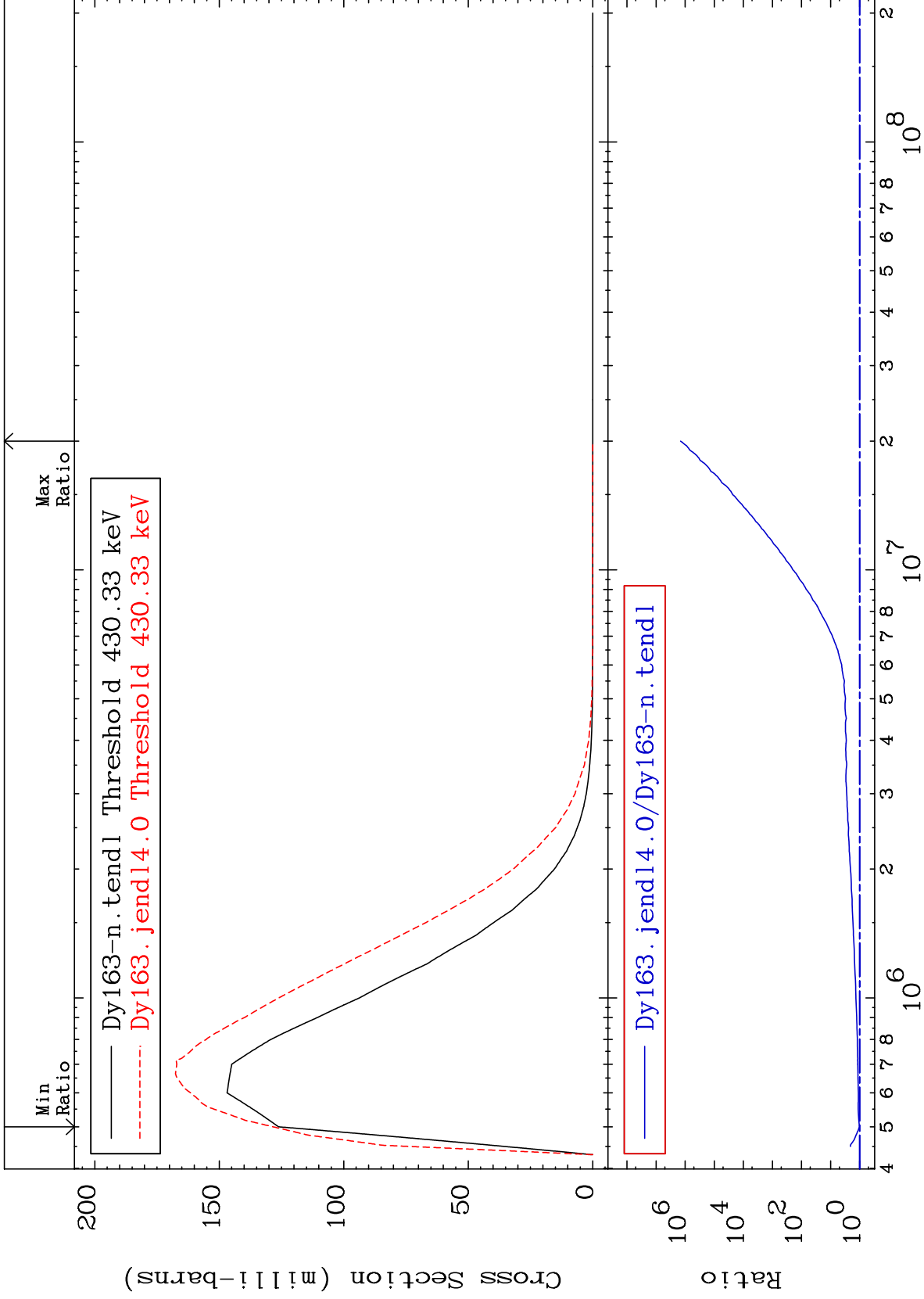
66-Dy-163
6.932 To 9999. %



MAT 6646

427.7 keV (n,n') Level
Cross Section

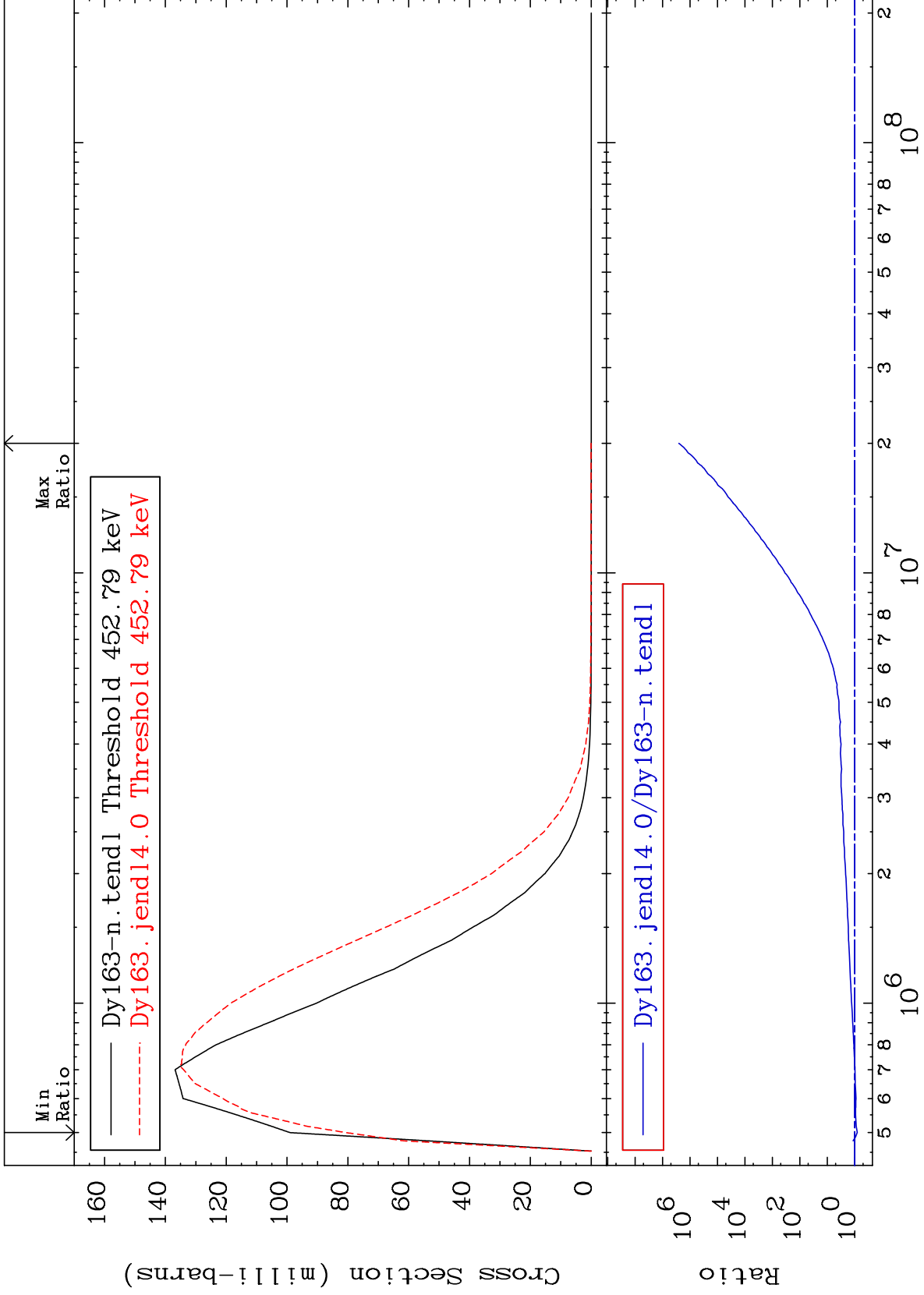
66-Dy-163
1.741 To 9999. %



MAT 6646

450.0 keV (n,n') Level
Cross Section

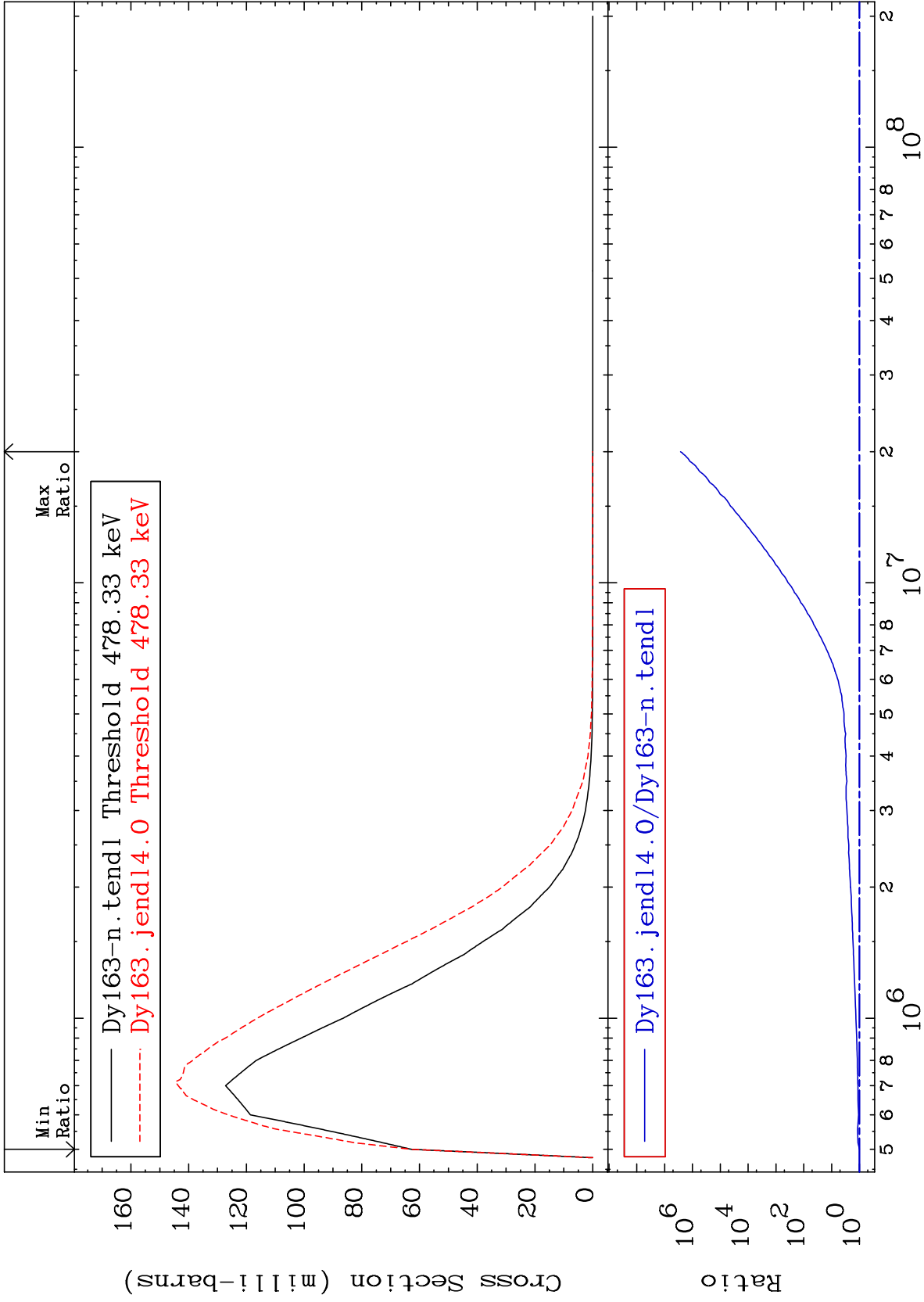
66-Dy-163
-18.64 To 9999. %



MAT 6646

475.4 keV (n,n') Level
Cross Section

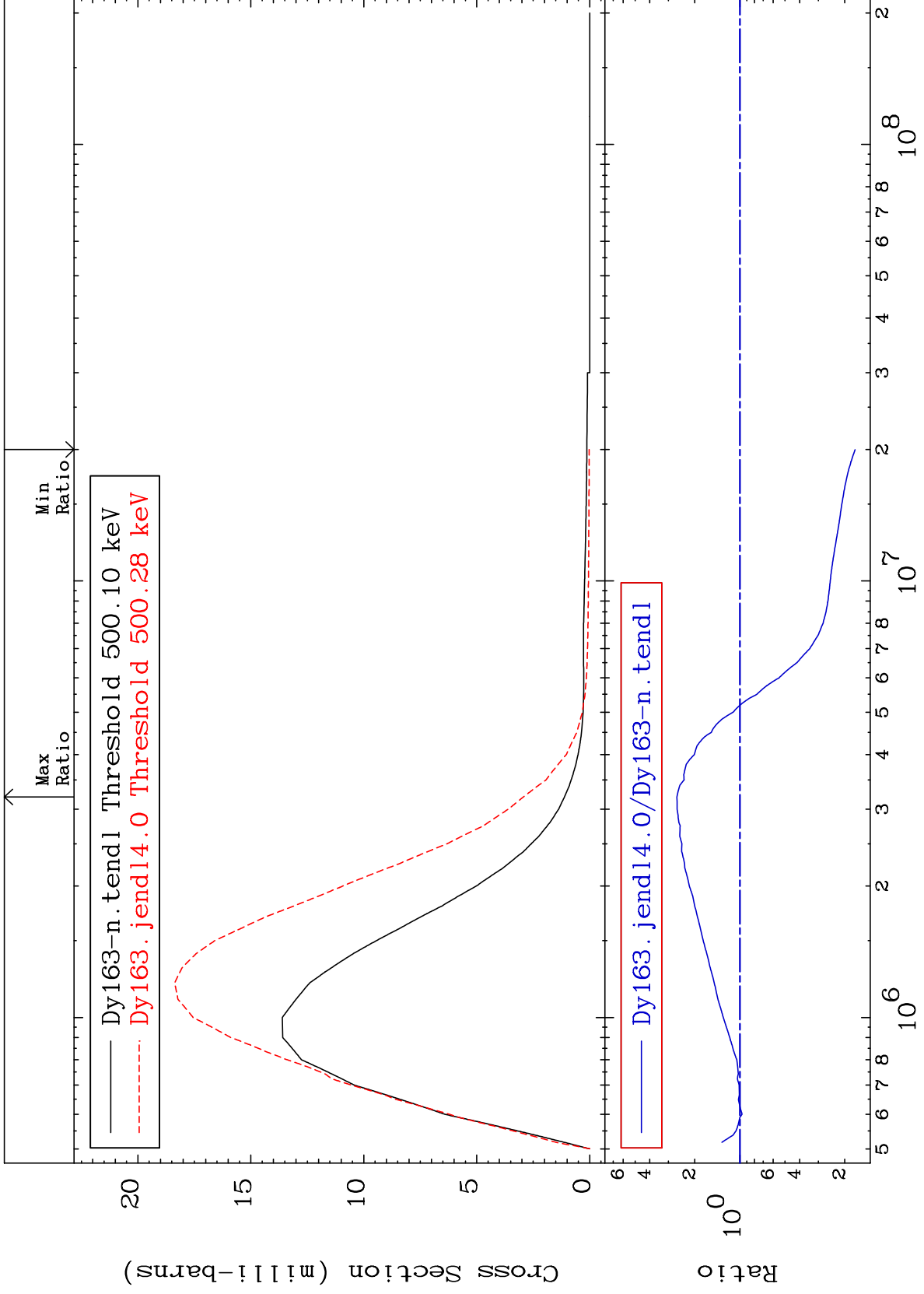
66-Dy-163
0.024 To 9999. %



MAT 6646

497.0 keV (n,n') Level
Cross Section

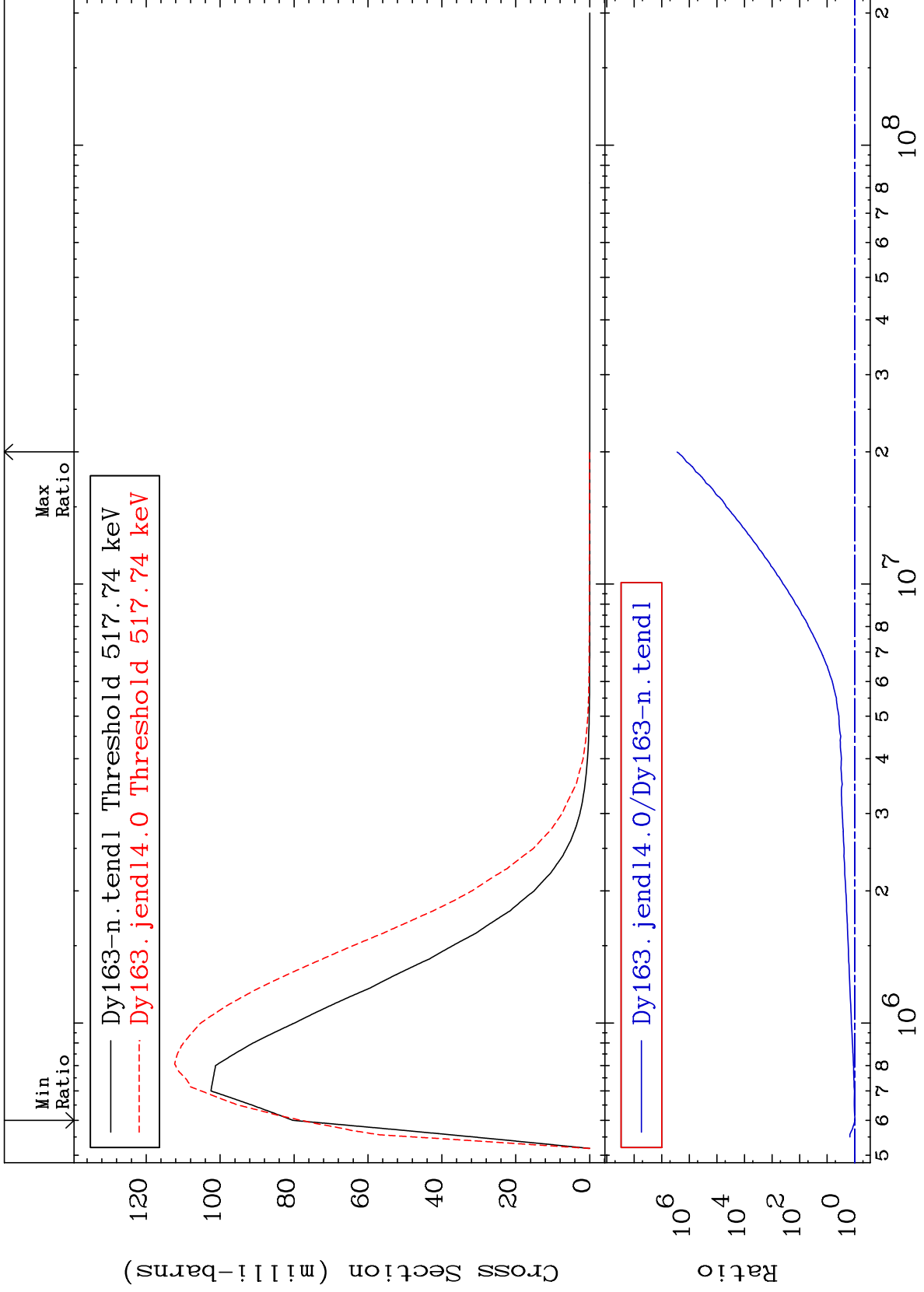
66-Dy-163
-82.94 To 163.0 %



MAT 6646

514.6 keV (n,n') Level
Cross Section

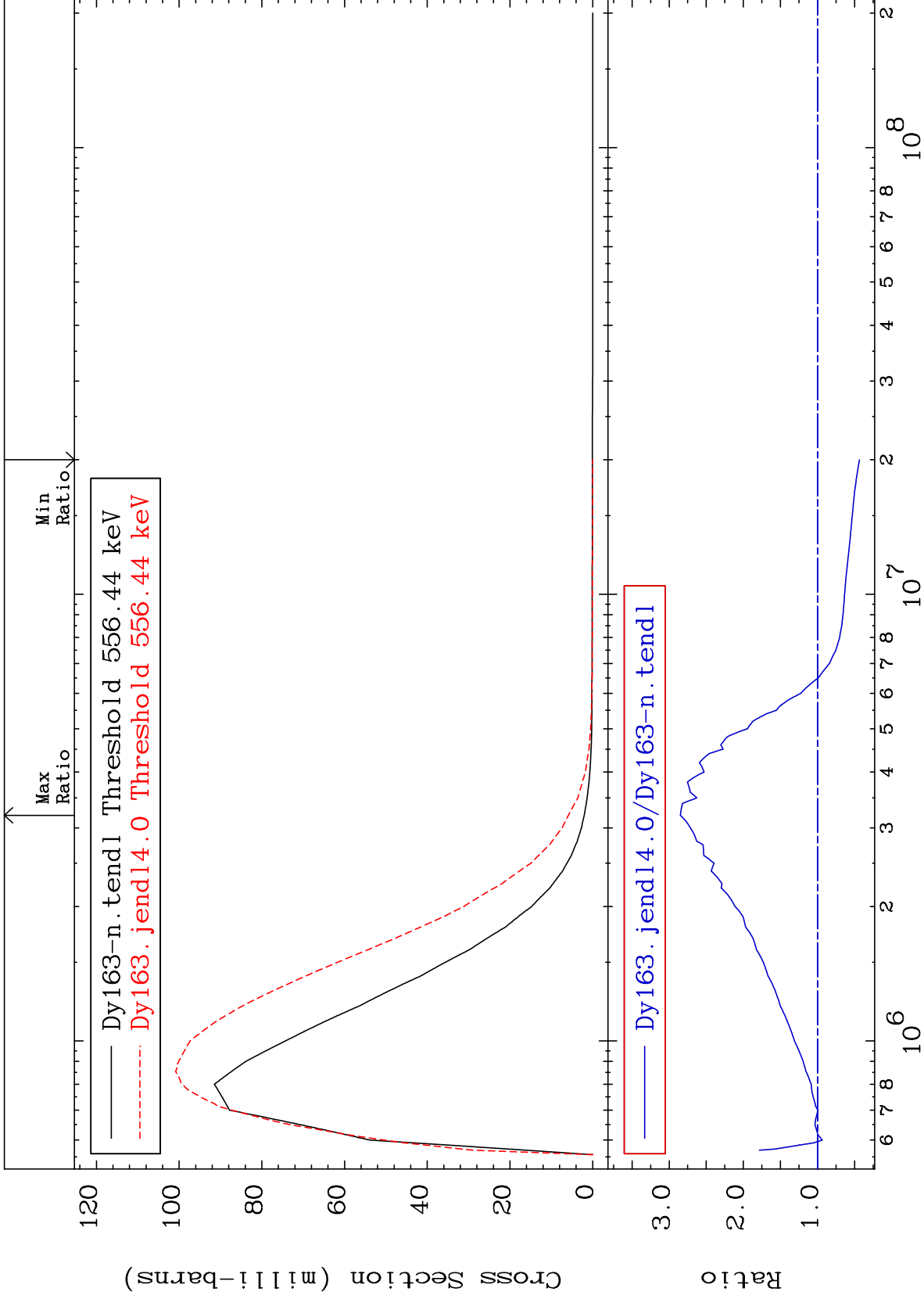
66-Dy-163
-2.859 To 9999. %



MAT 6646

553.0 keV (n,n') Level
Cross Section

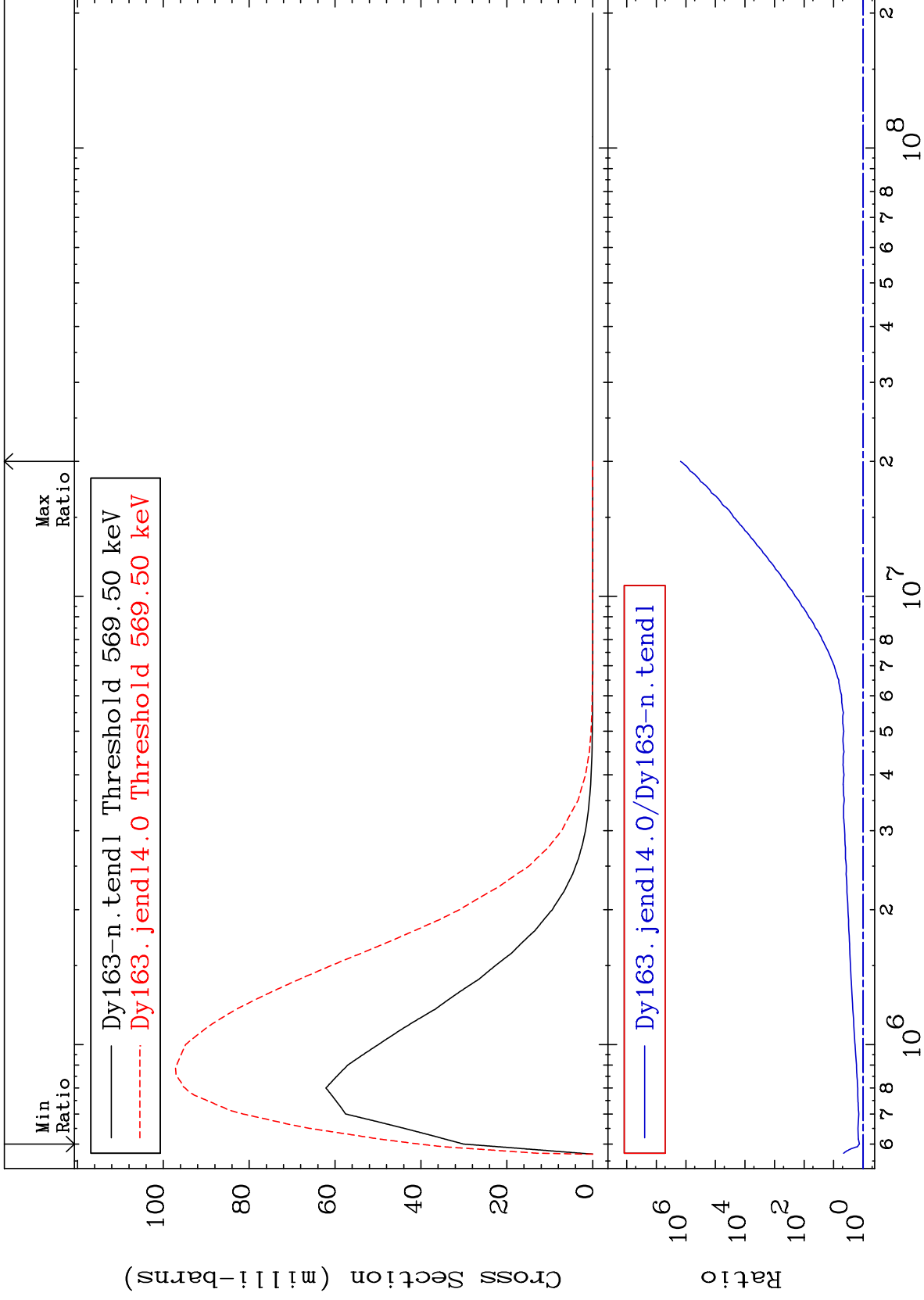
66-Dy-163
-56.50 To 184.9 %



MAT 6646

566.0 keV (n,n') Level
Cross Section

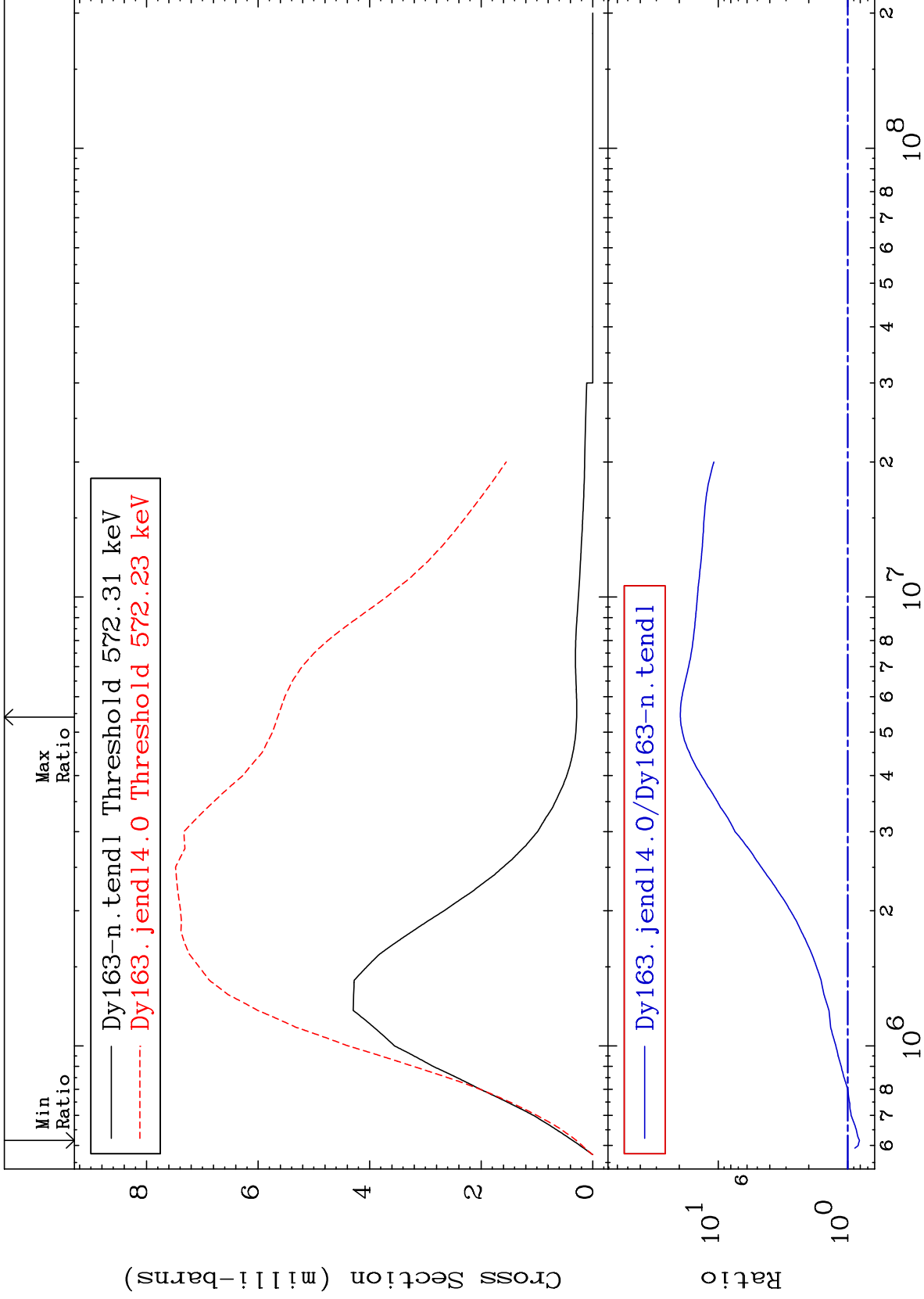
66-Dy-163
34.24 To 9999. %



MAT 6646

568.8 keV (n,n') Level
Cross Section

66-Dy-163
-18.72 To 1860. %



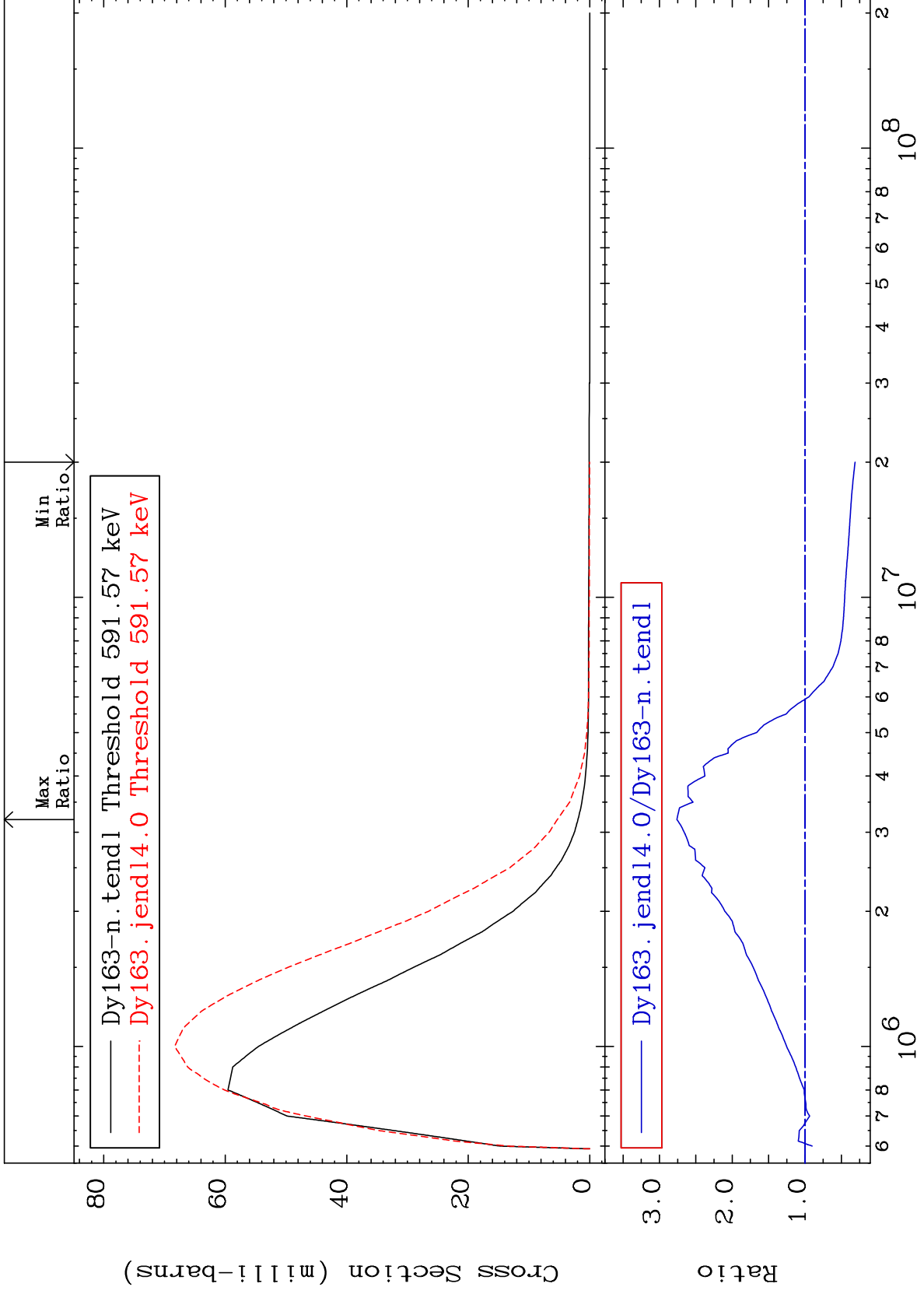
30

66-Dy-163

MAT 6646

587.9 keV (n,n') Level
Cross Section

66-Dy-163
-68.83 To 176.0 %



31

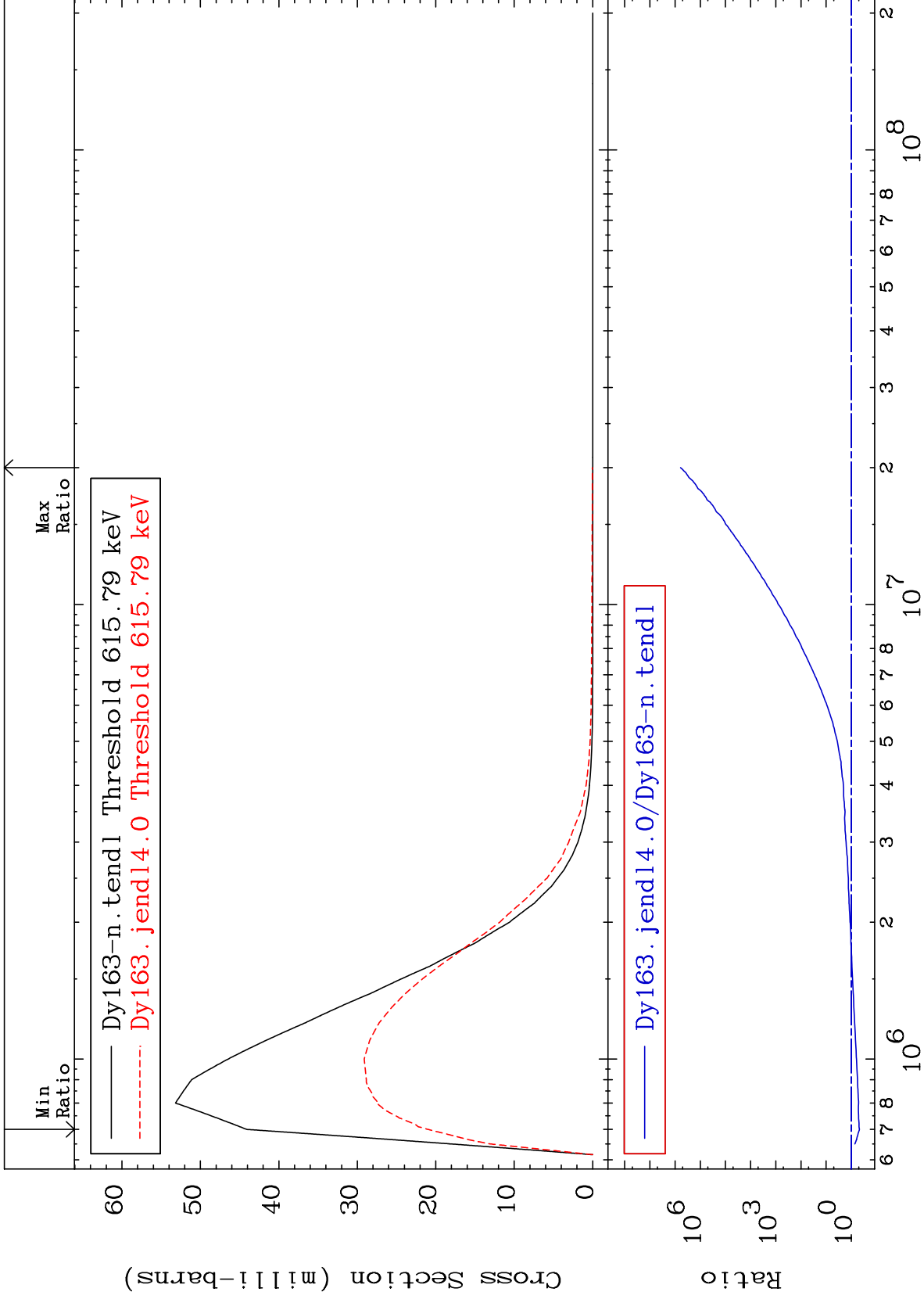
Incident Energy (eV)

66-Dy-163

MAT 6646

612.0 keV (n,n') Level
Cross Section

66-Dy-163
-52.36 To 9999. %



32

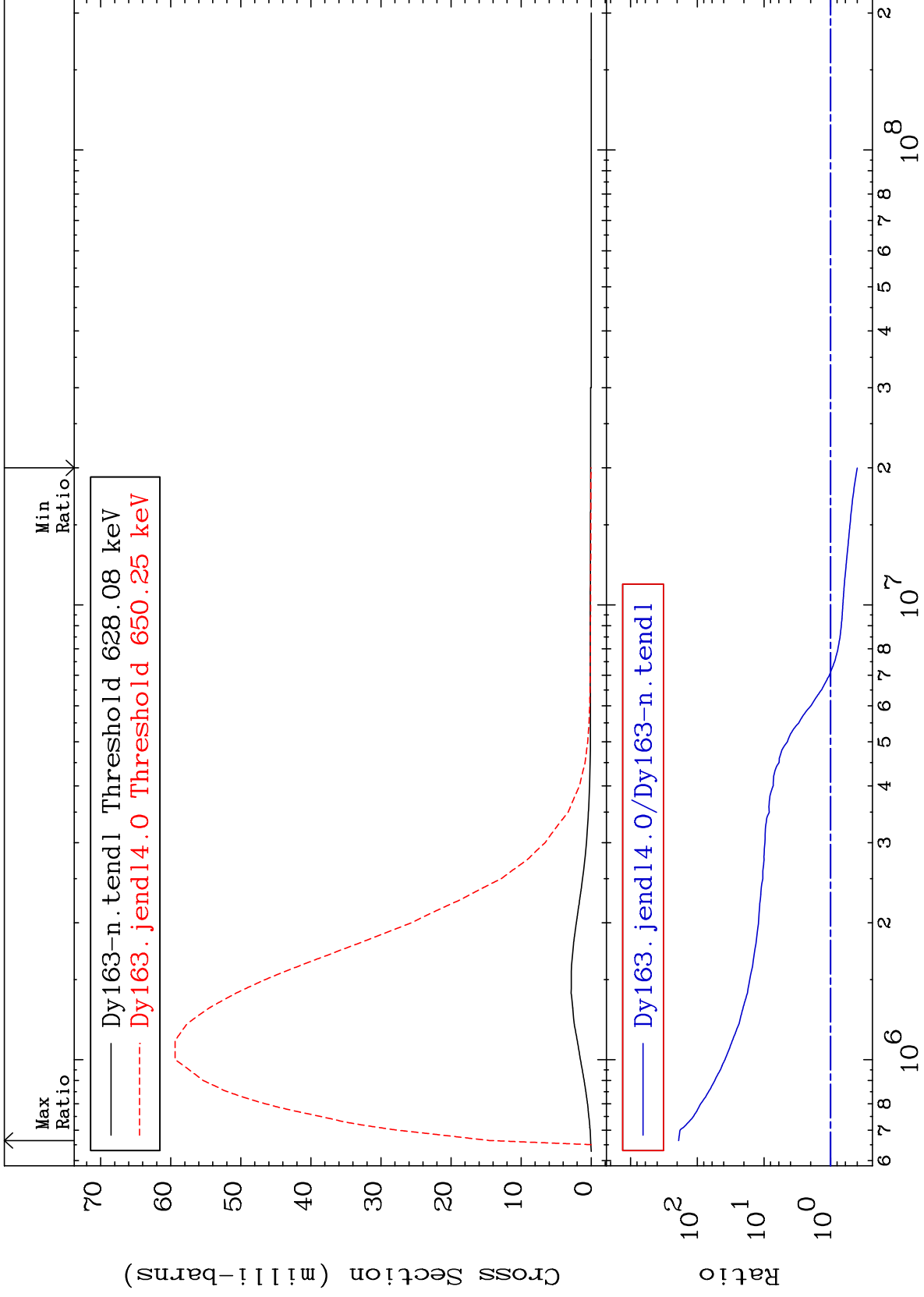
Incident Energy (eV)

66-Dy-163

MAT 6646

624.2 keV (n,n') Level
Cross Section

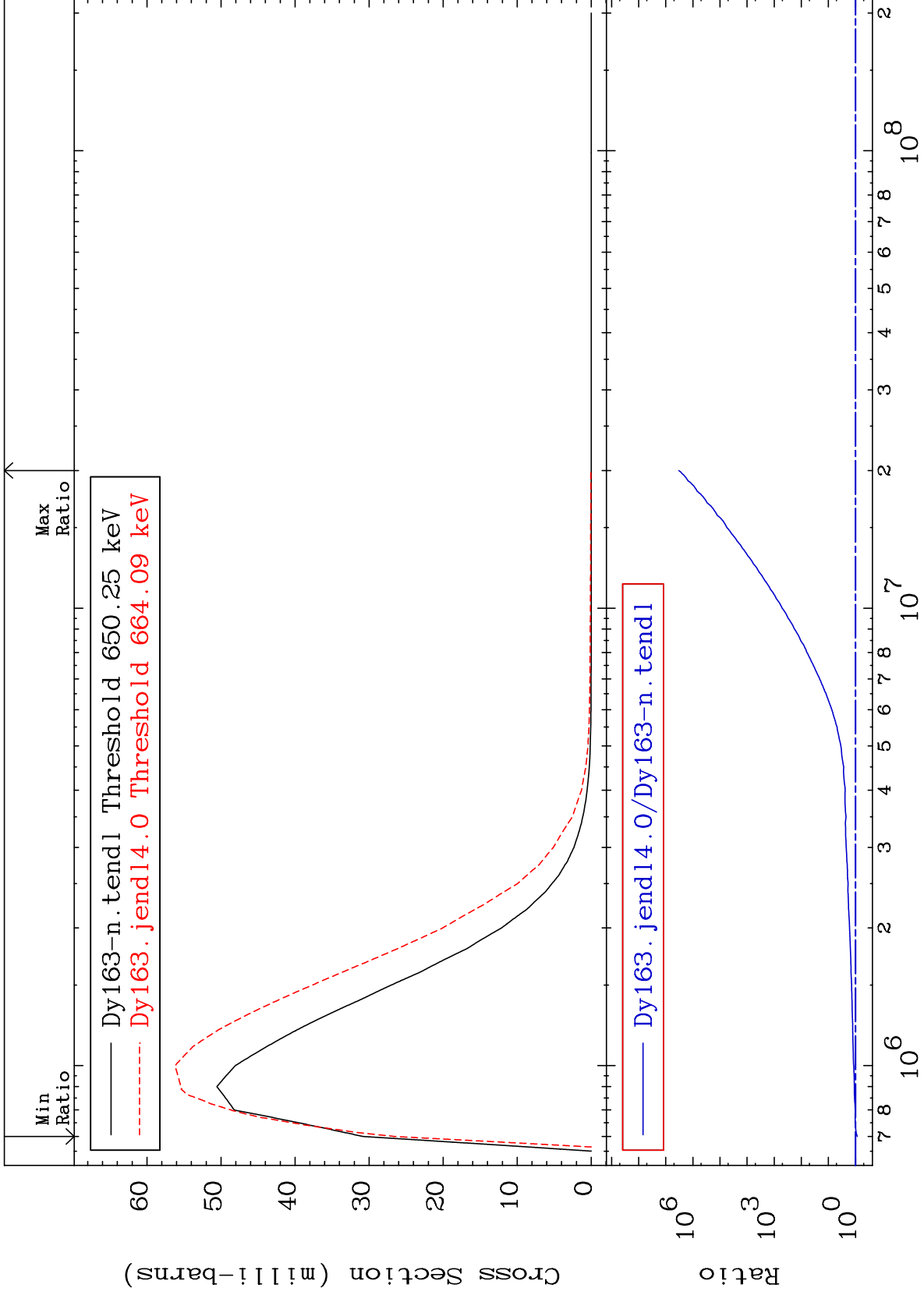
66-Dy-163
-60.01 To 9999. %



MAT 6646

646.2 keV (n,n') Level
Cross Section

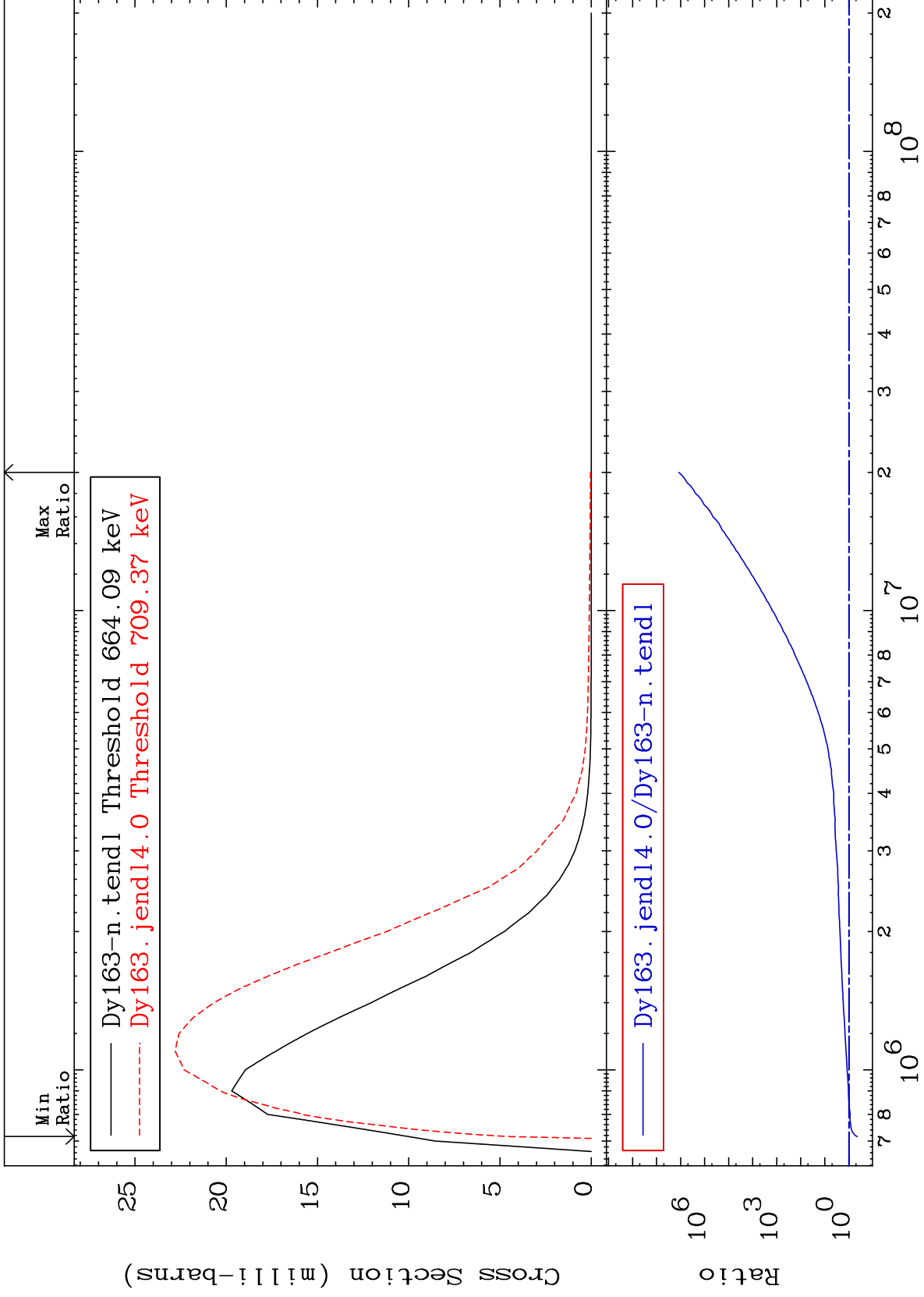
66-Dy-163
-13.89 To 9999. %



MAT 6646

660.0 keV (n,n') Level
Cross Section

66-Dy-163
-55.34 To 9999. %



35

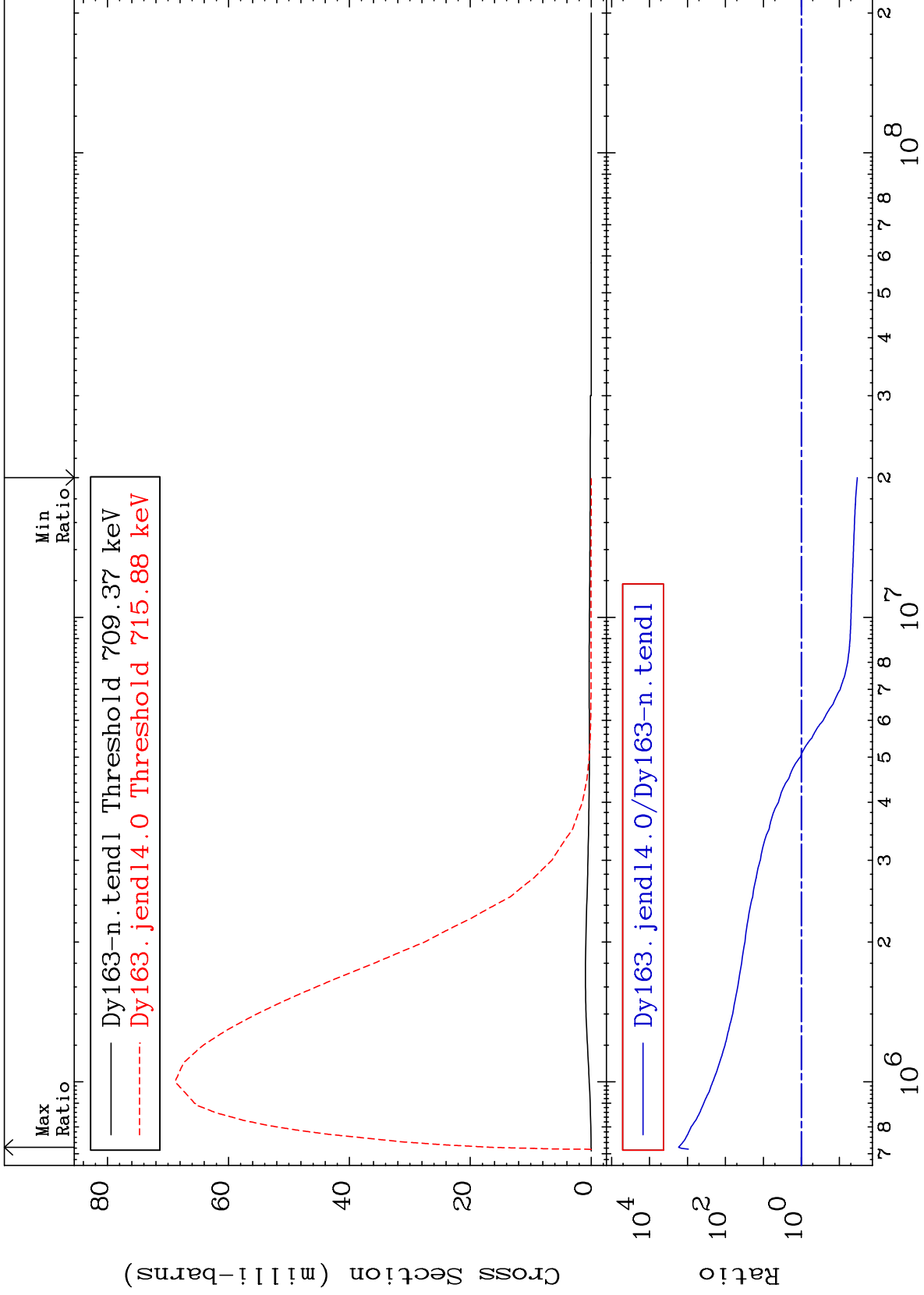
Incident Energy (eV)

66-Dy-163

MAT 6646

705.0 keV (n,n') Level
Cross Section

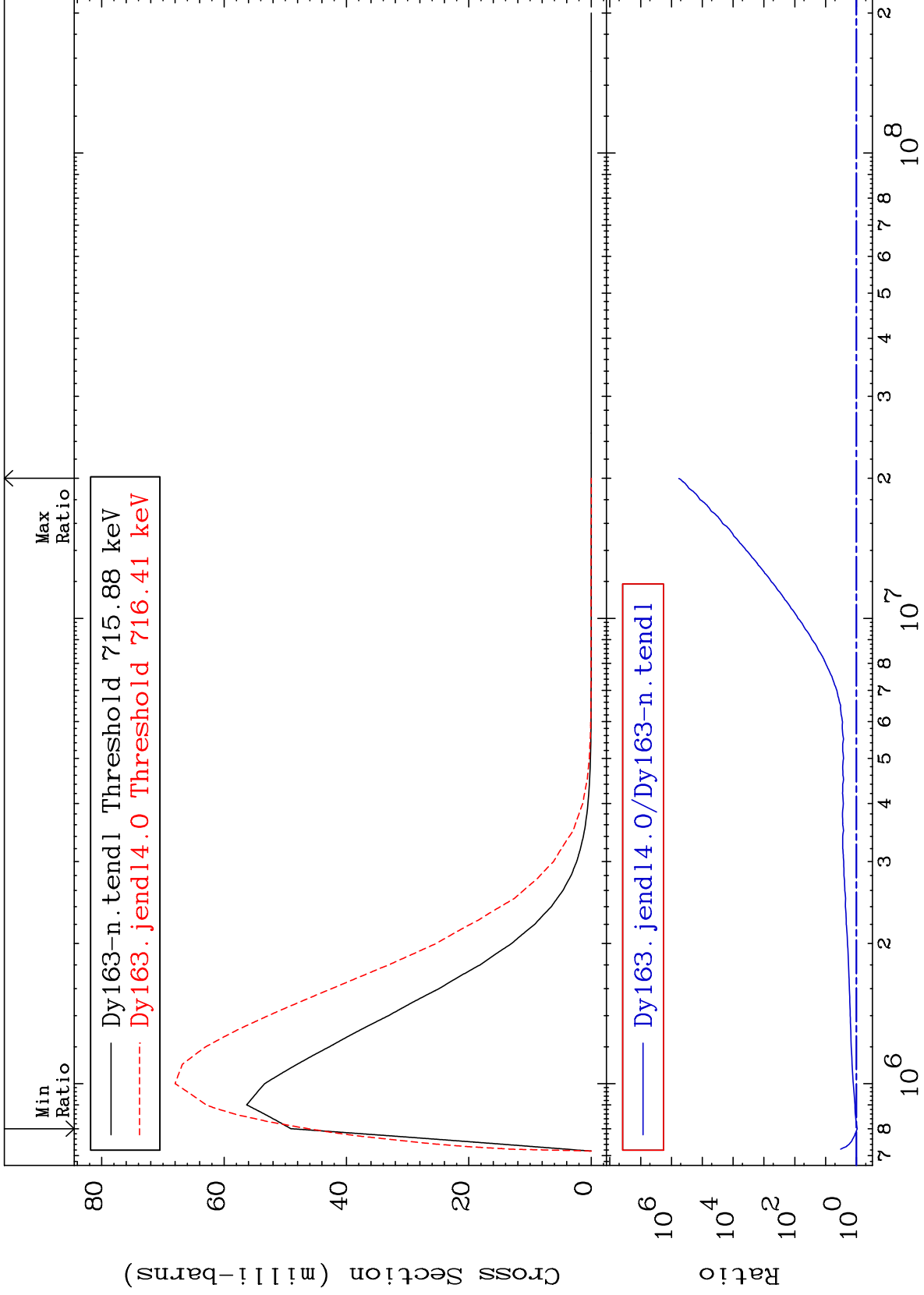
66-Dy-163
-96.62 To 9999. %



MAT 6646

711.5 keV (n,n') Level
Cross Section

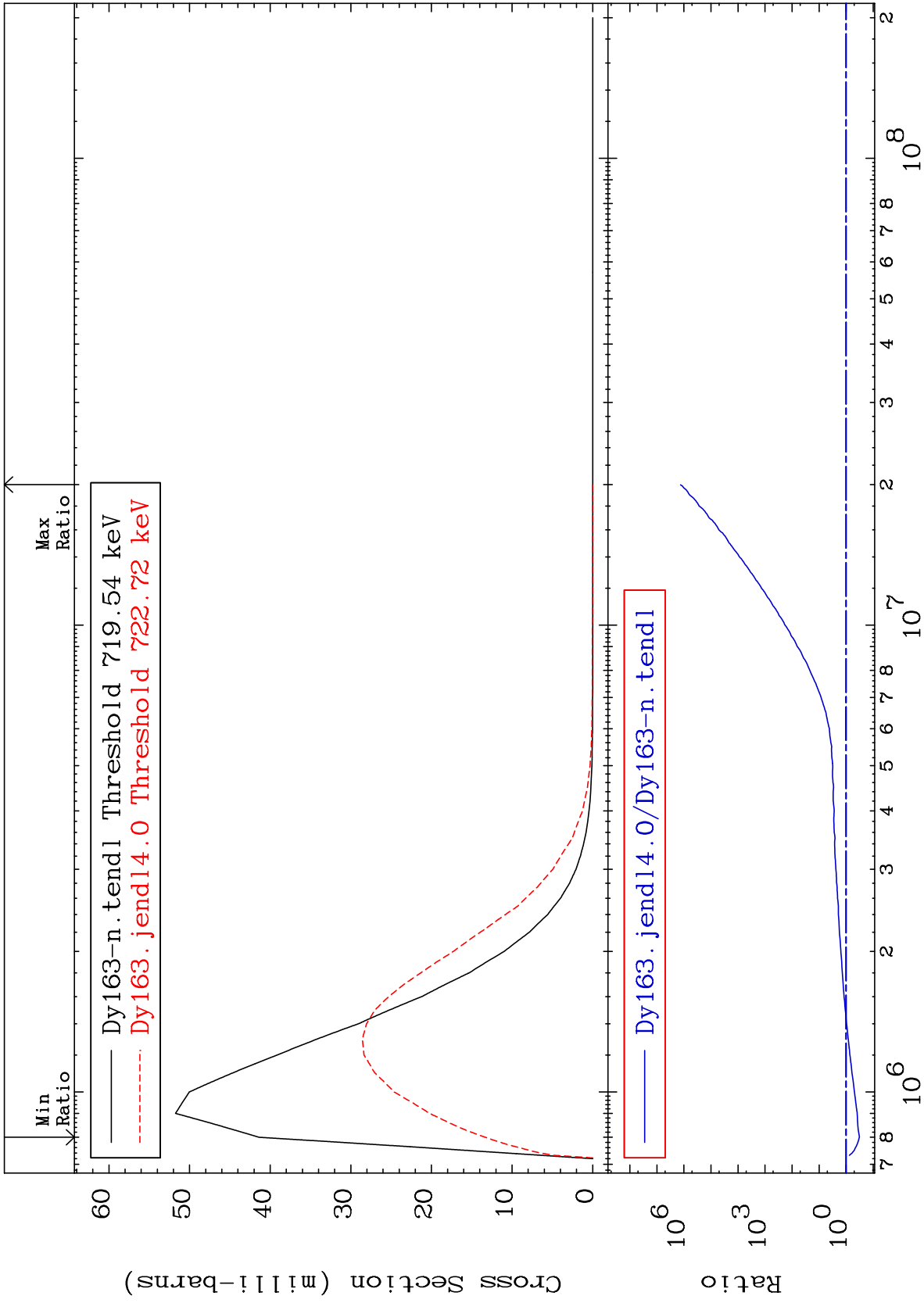
66-Dy-163
-5.842 To 9999. %



MAT 6646

715.1 keV (n,n') Level
Cross Section

66-Dy-163
-67.78 To 9999. %



38

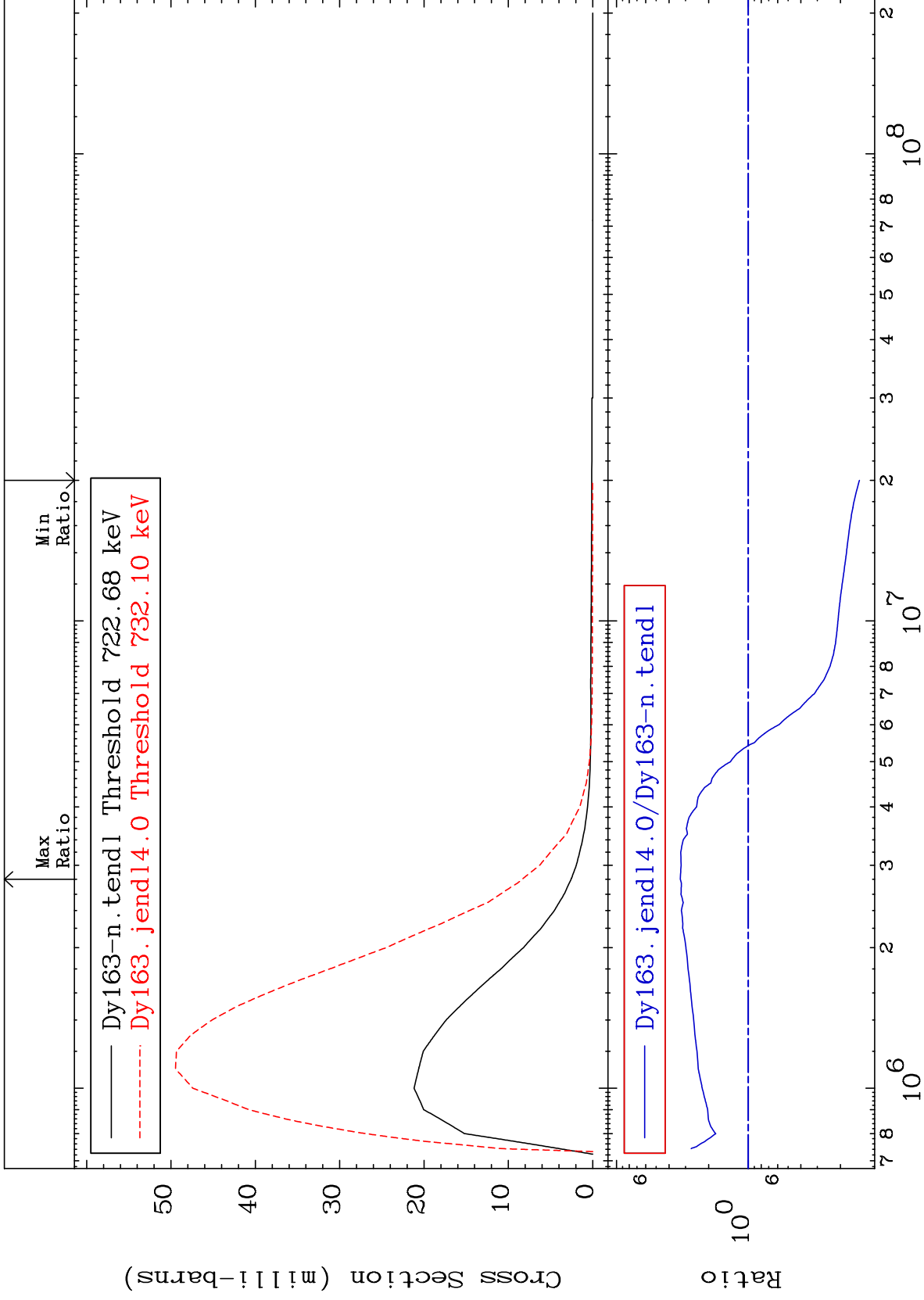
Incident Energy (eV)

66-Dy-163

MAT 6646

718.2 keV (n,n') Level
Cross Section

66-Dy-163
-85.62 To 228.0 %



39

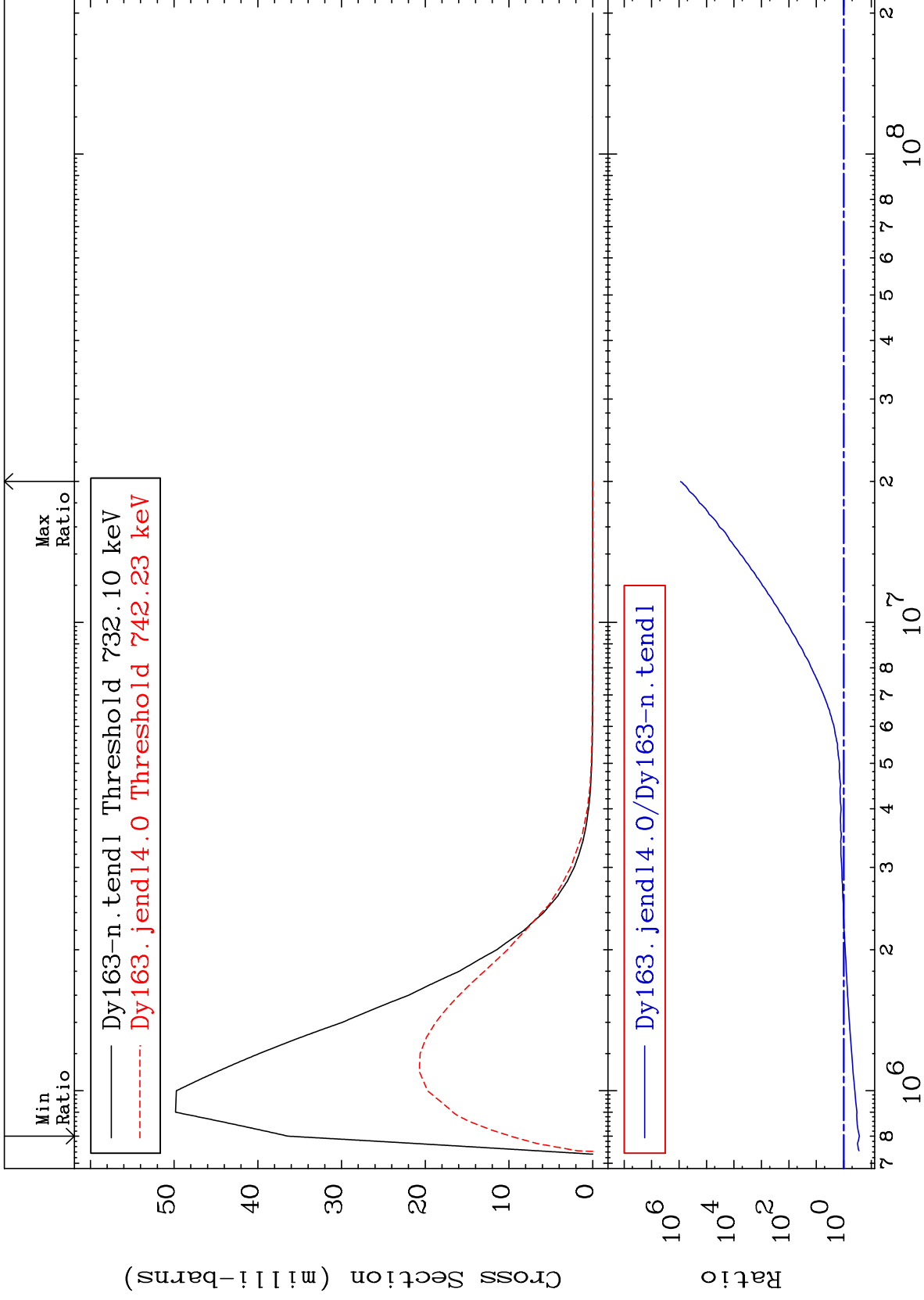
Incident Energy (eV)

66-Dy-163

MAT 6646

727.6 keV (n,n') Level
Cross Section

66-Dy-163
-73.09 To 9999. %



40

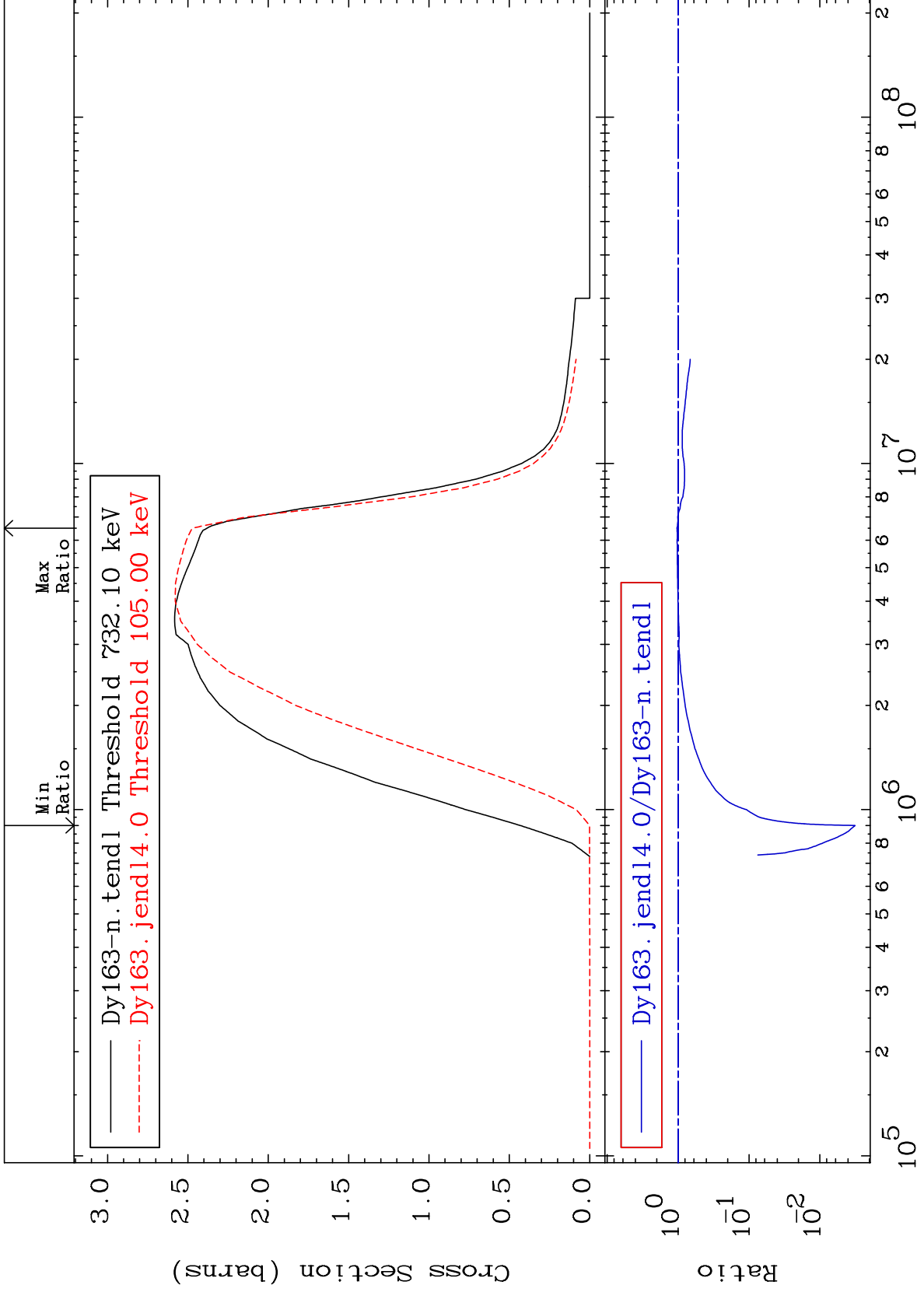
Incident Energy (eV)

66-Dy-163

MAT 6646

(n, n') Continuum
Cross Section

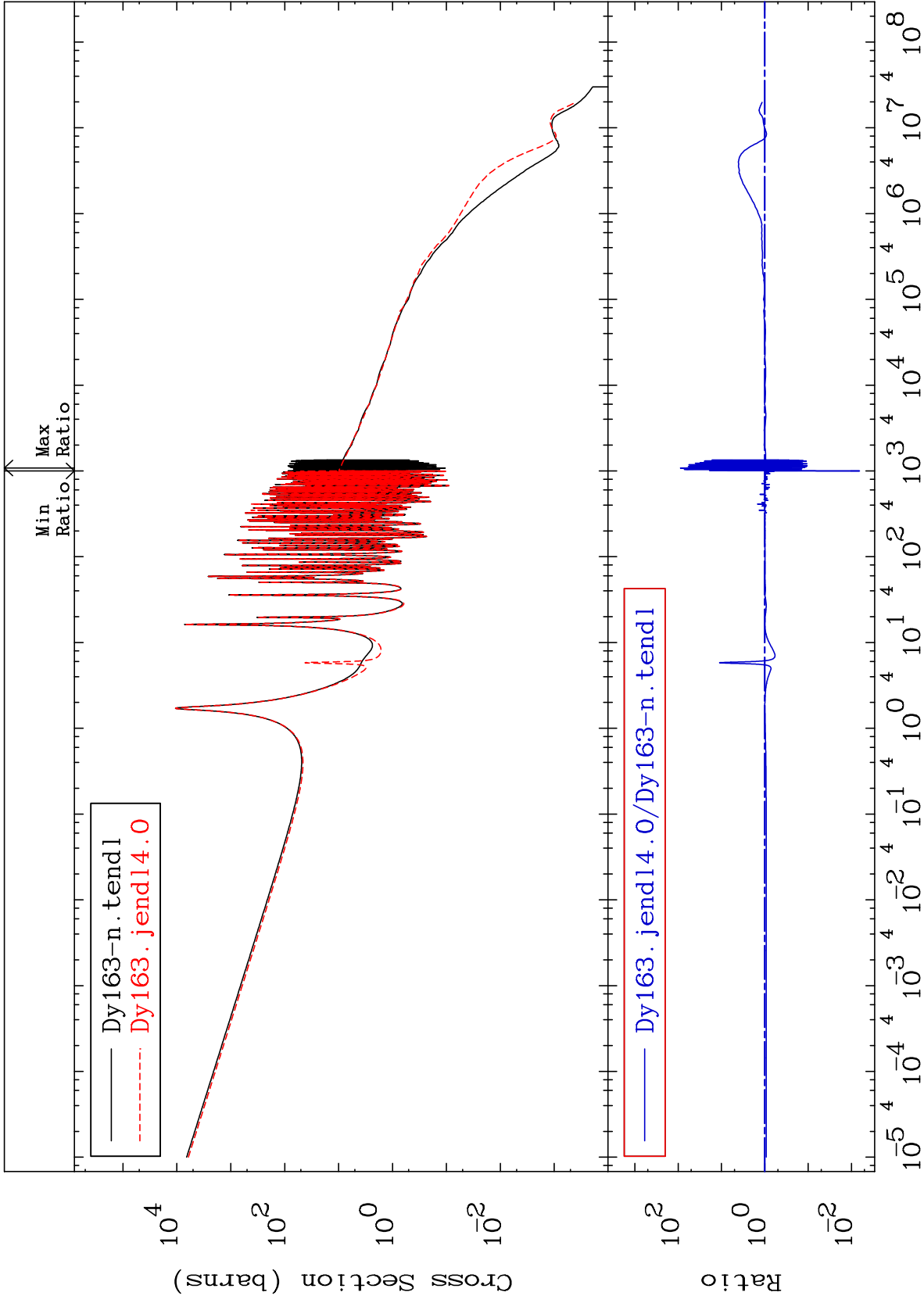
66-Dy-163
-99.68 To 3.926 %



MAT 6646

(n, γ)
Cross Section

66-Dy-163
-99.34 To 8800. %



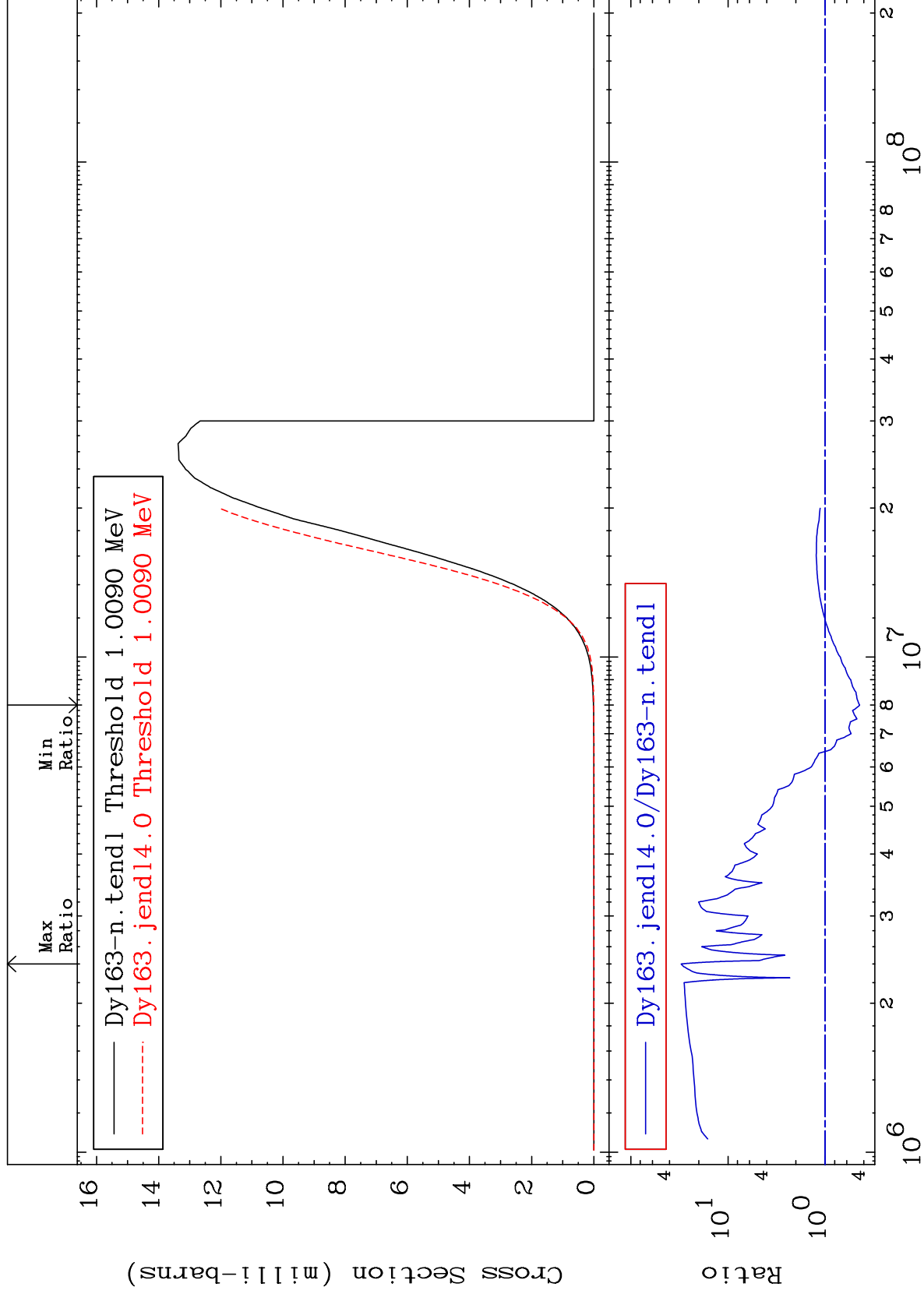
MAT 6646

(n,p)

66-Dy-163

Cross Section

-55.79 To 2932. %



43

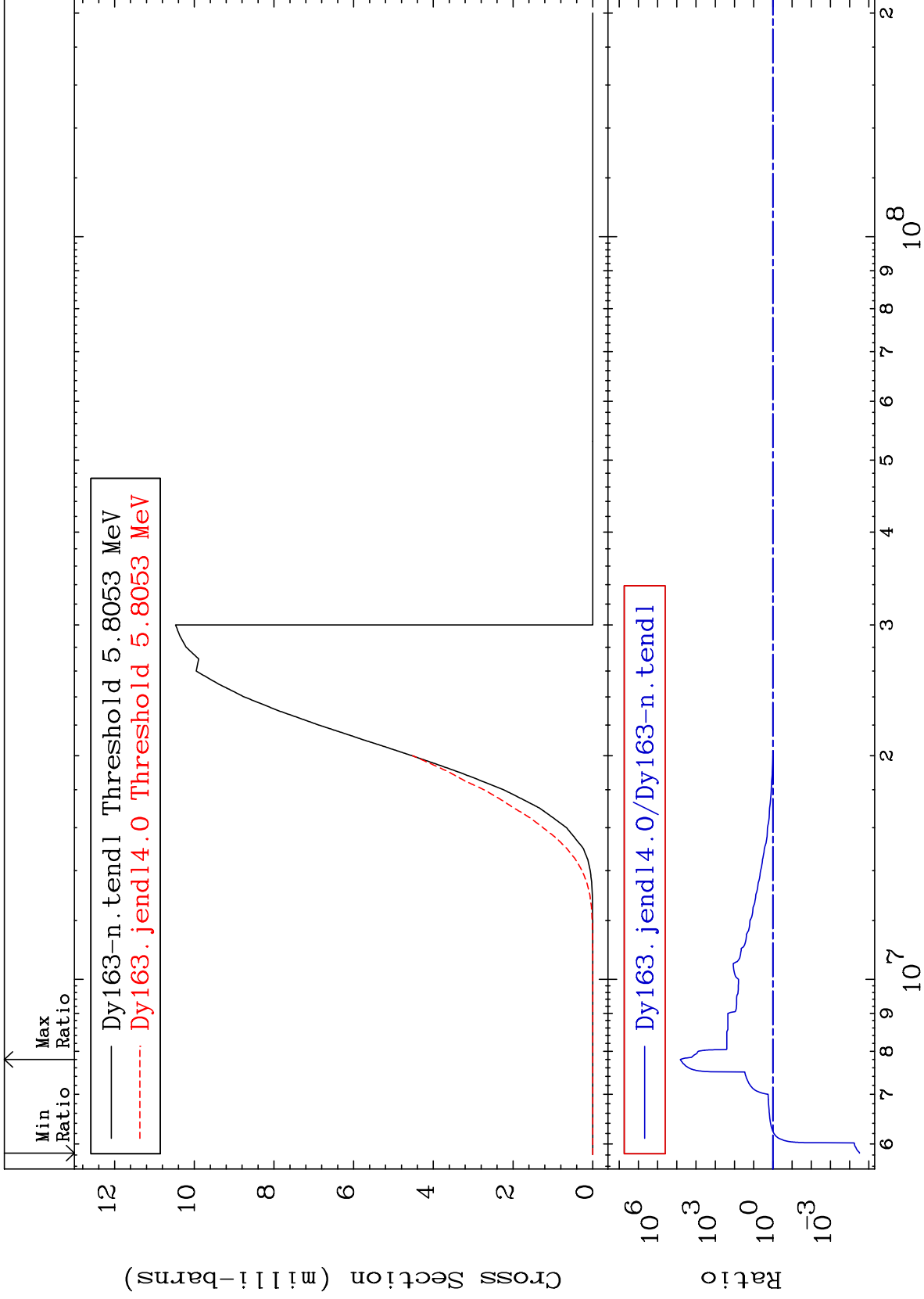
Incident Energy (eV)

66-Dy-163

MAT 6646

(n, d)
Cross Section

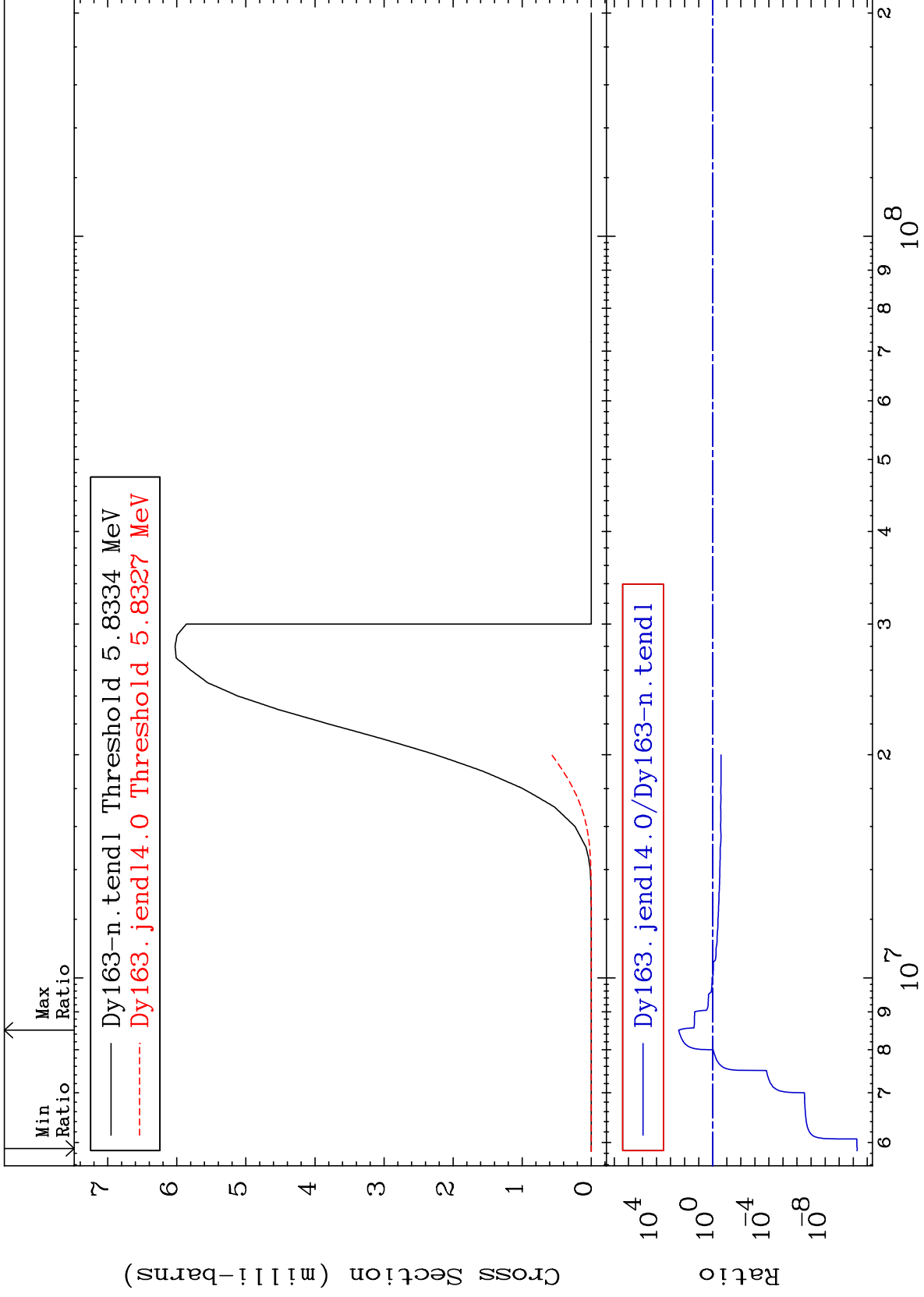
66-Dy-163
-100.0 To 9999. %



MAT 6646

(n, t)
Cross Section

66-Dy-163
-100.0 To 9999. %



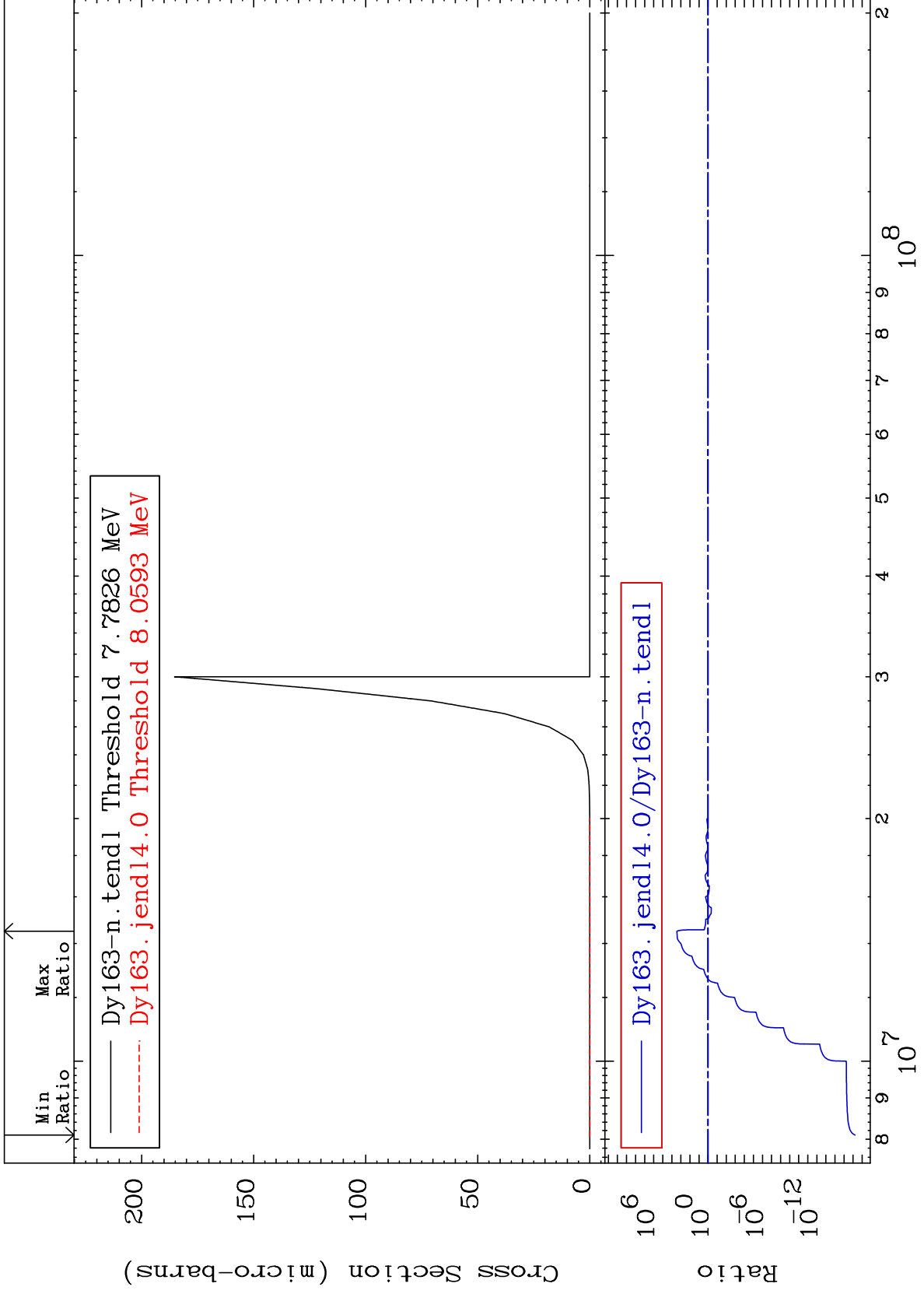
MAT 6646

(n, He-3)

66-Dy-163

Cross Section

-100.0 To 9999. %



46

66-Dy-163

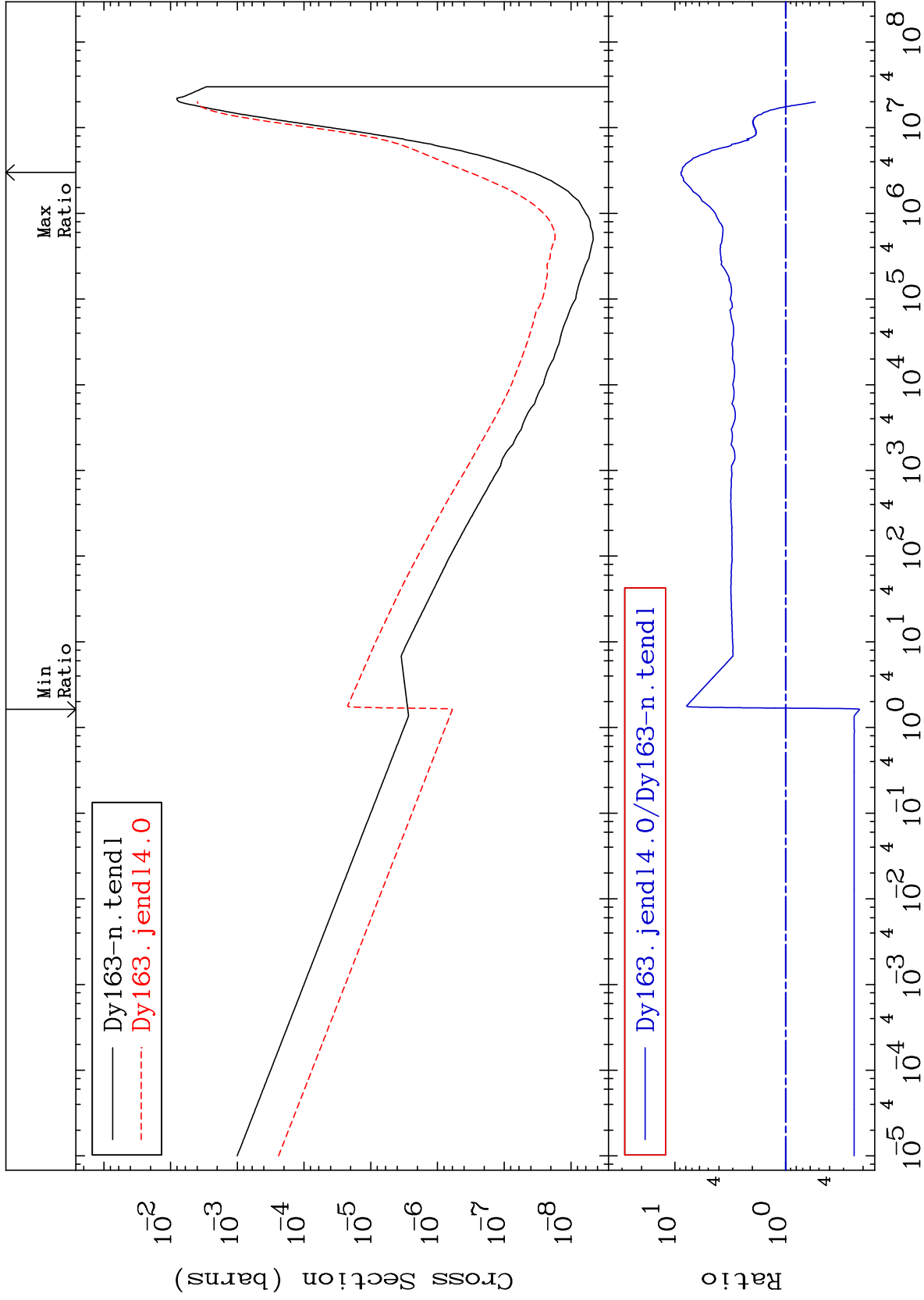
MAT 6646

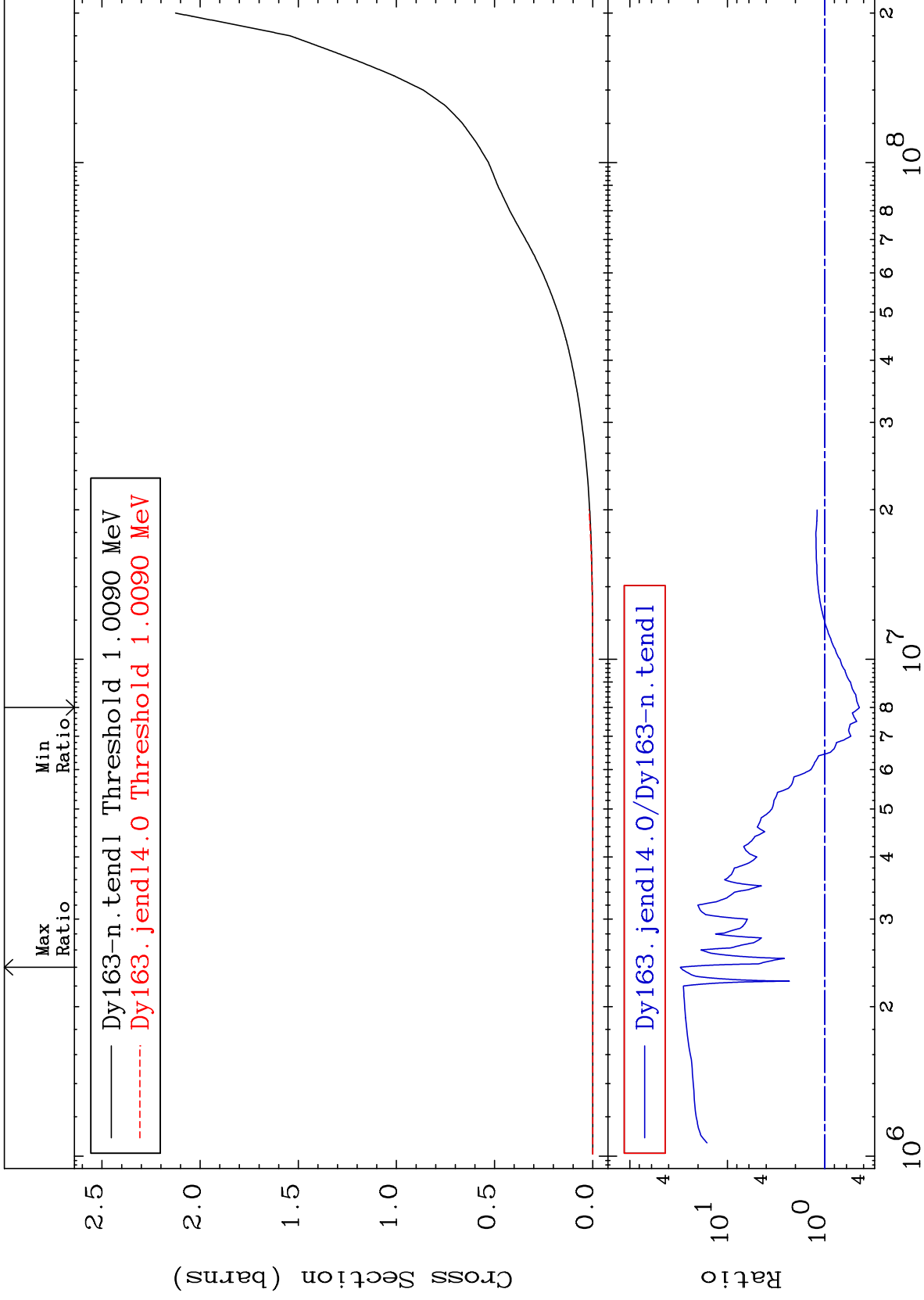
(n, α)

66-Dy-163

Cross Section

-78.51 To 785.0 %

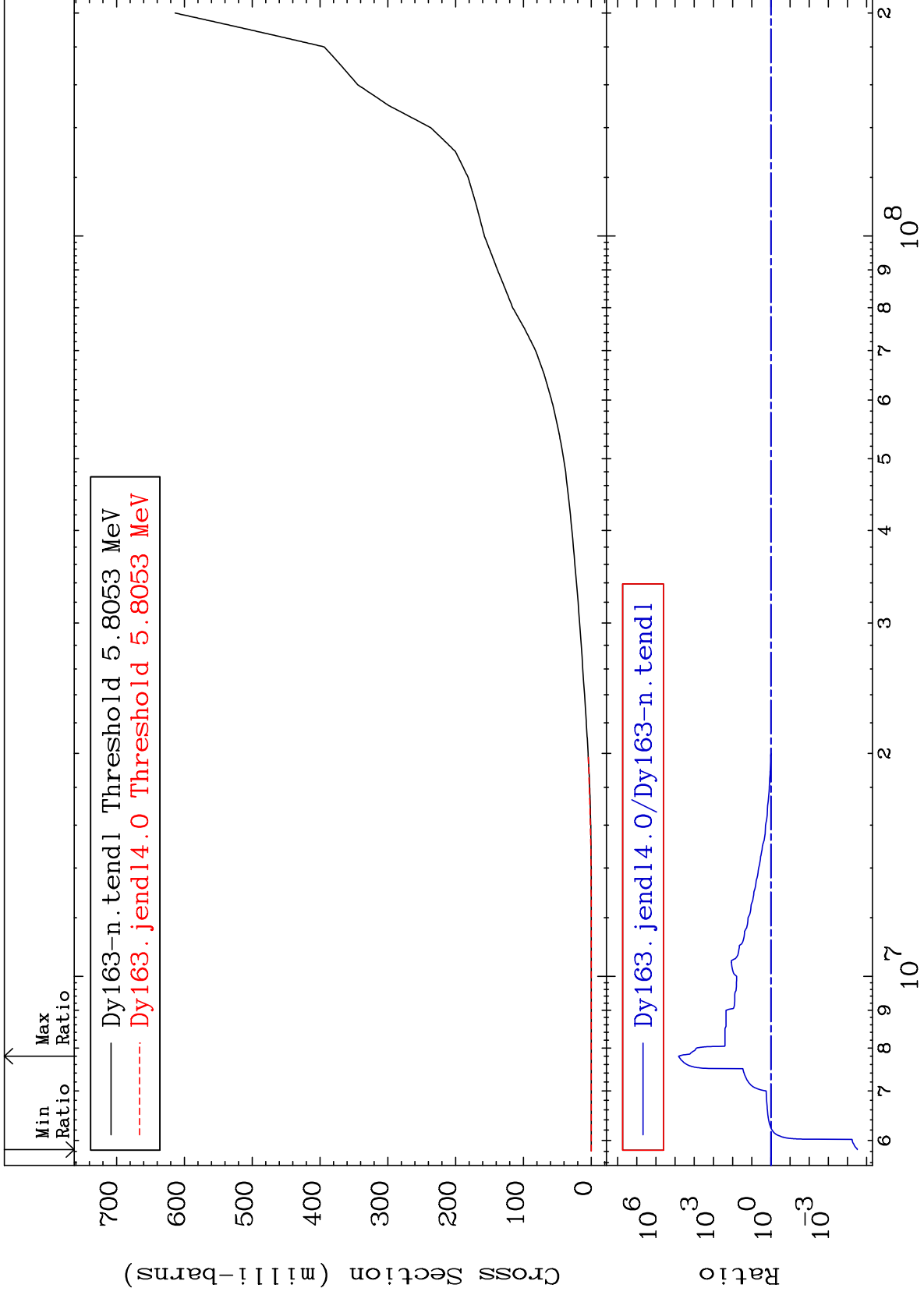




MAT 6646

Deuterium Production
Cross Section

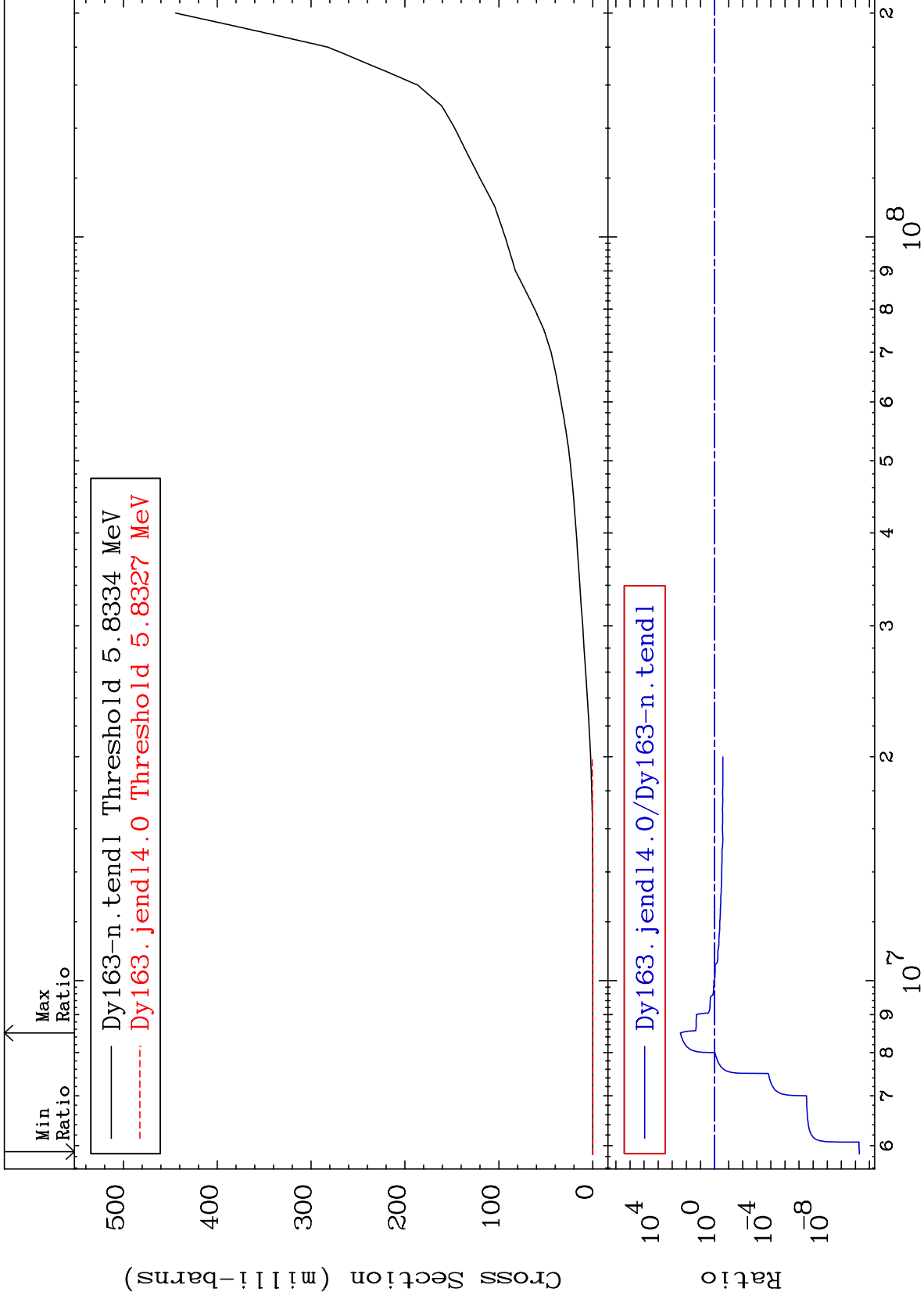
66-Dy-163
-100.0 To 9999. %



MAT 6646

Tritium Production
Cross Section

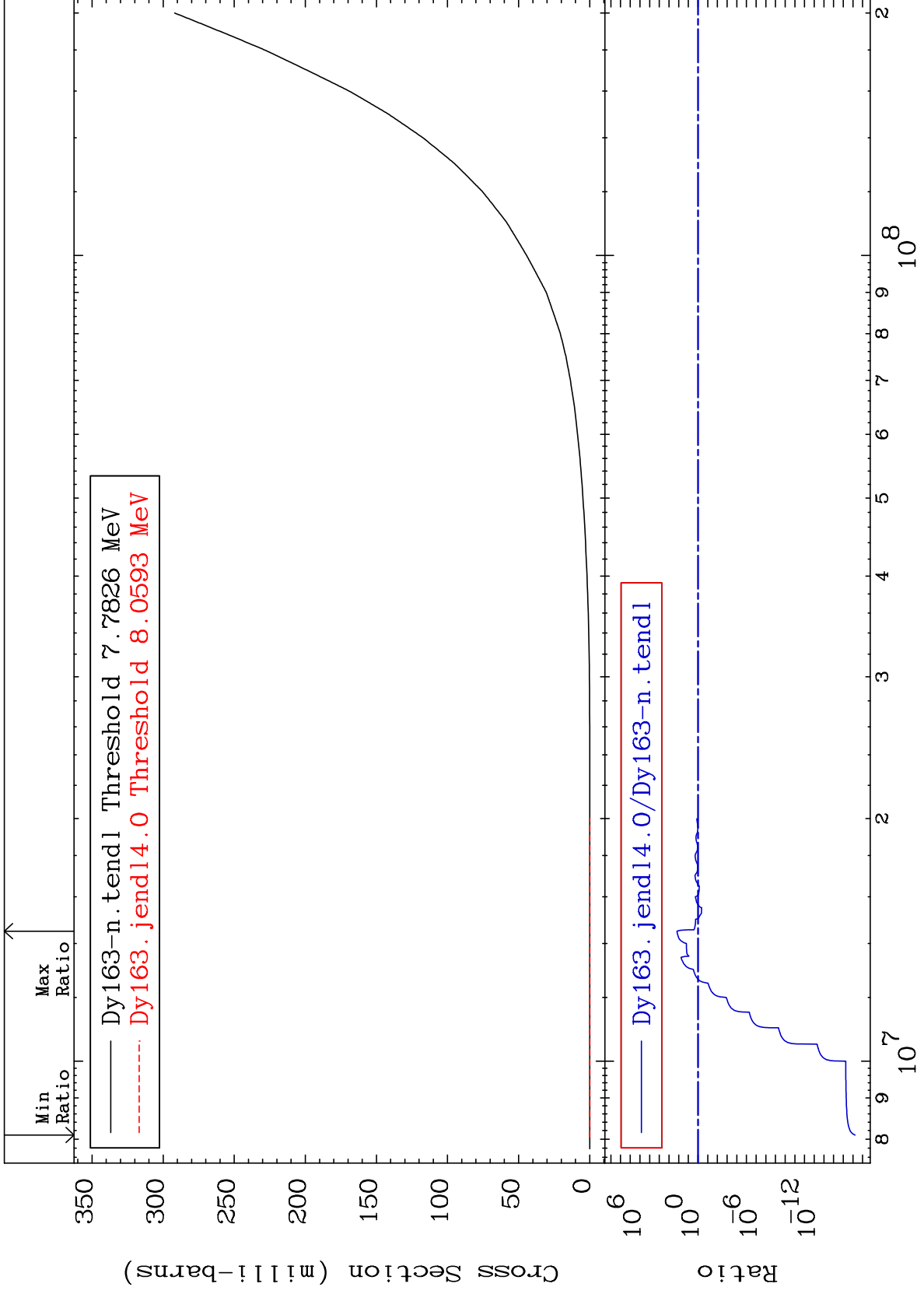
66-Dy-163
-100.0 To 9999. %



MAT 6646

He-3 Production
Cross Section

66-Dy-163
-100.0 To 9999. %



51

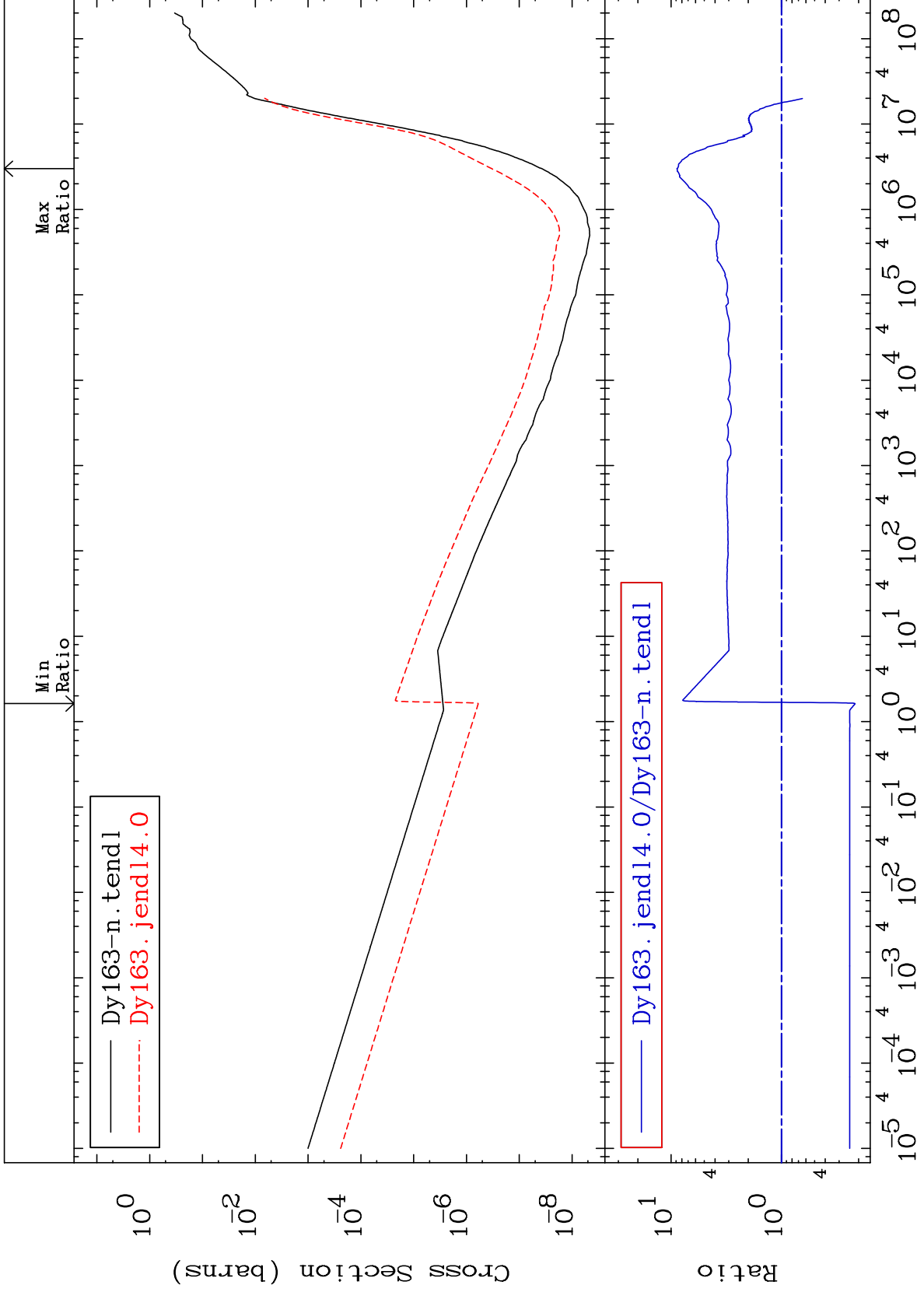
Incident Energy (eV)

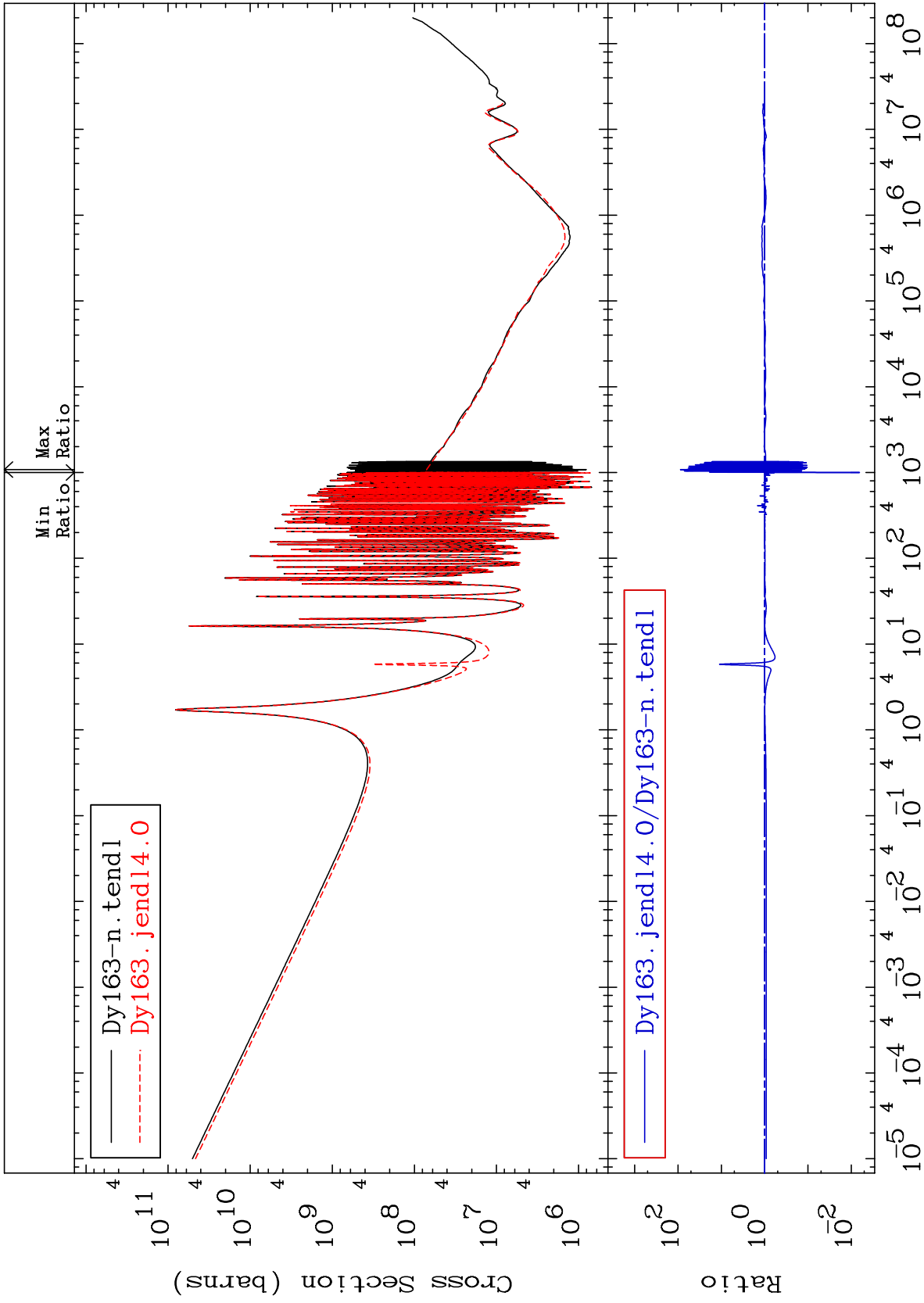
66-Dy-163

MAT 6646

He-4 Production
Cross Section

66-Dy-163
-78.51 To 785.0 %

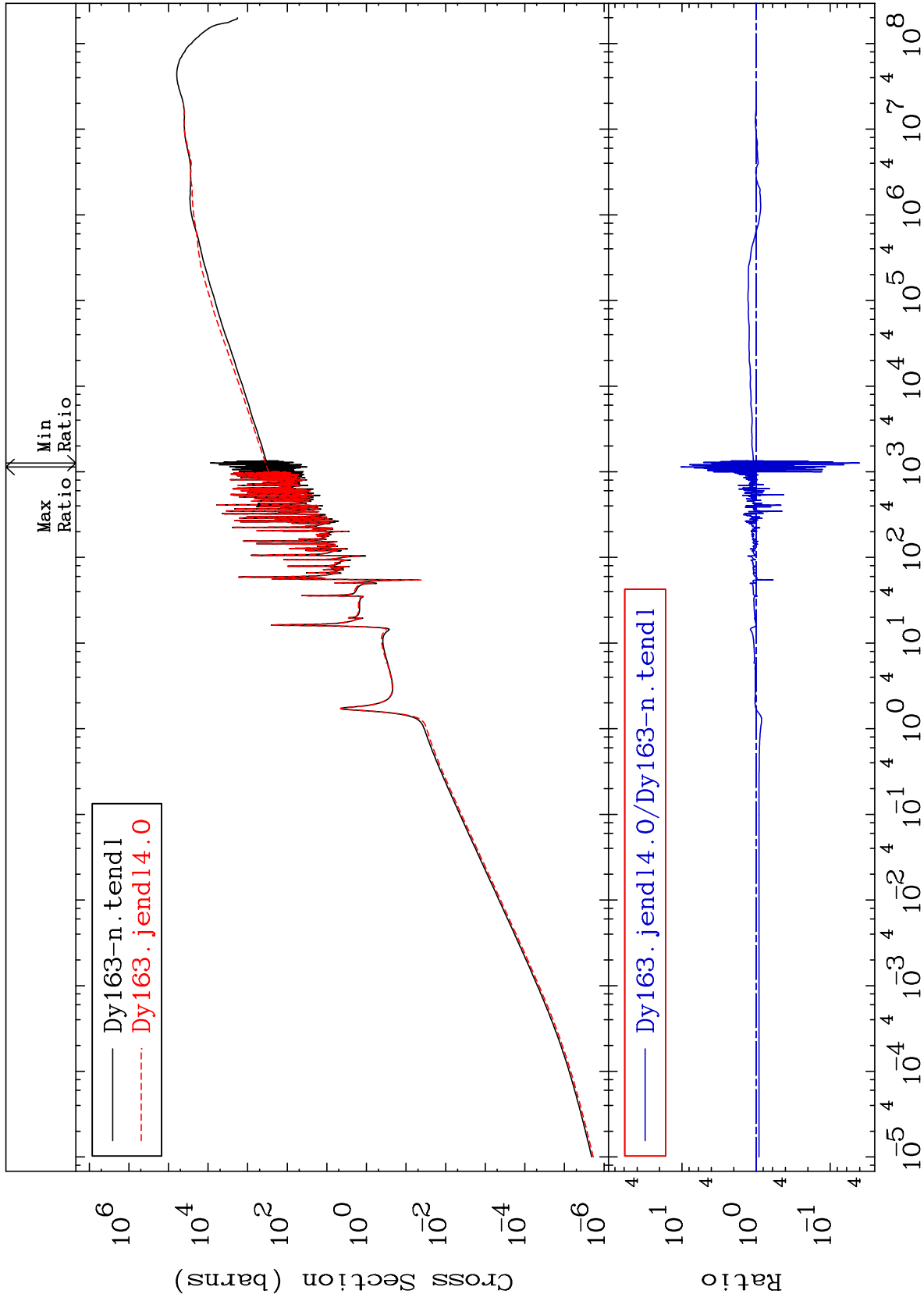


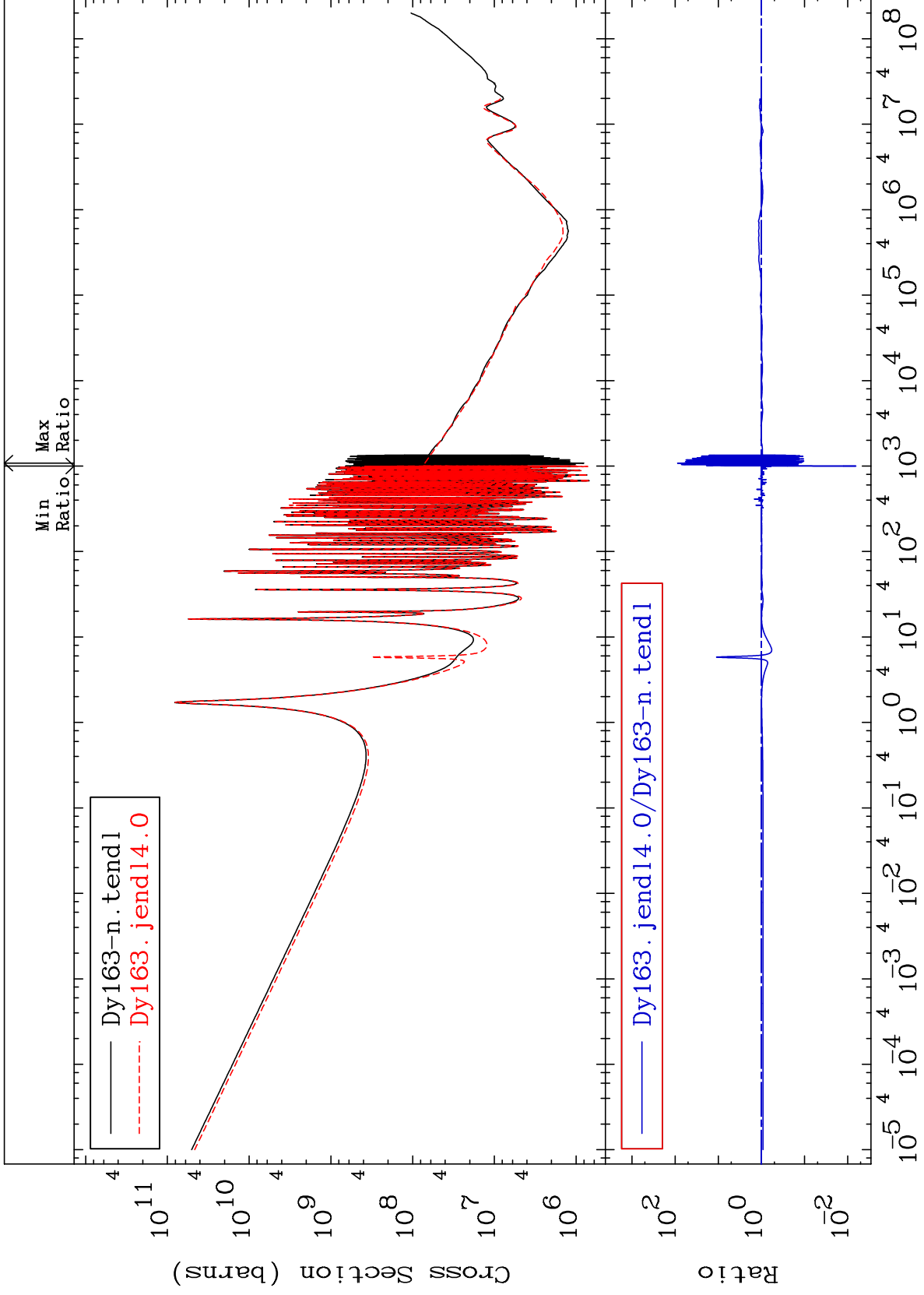


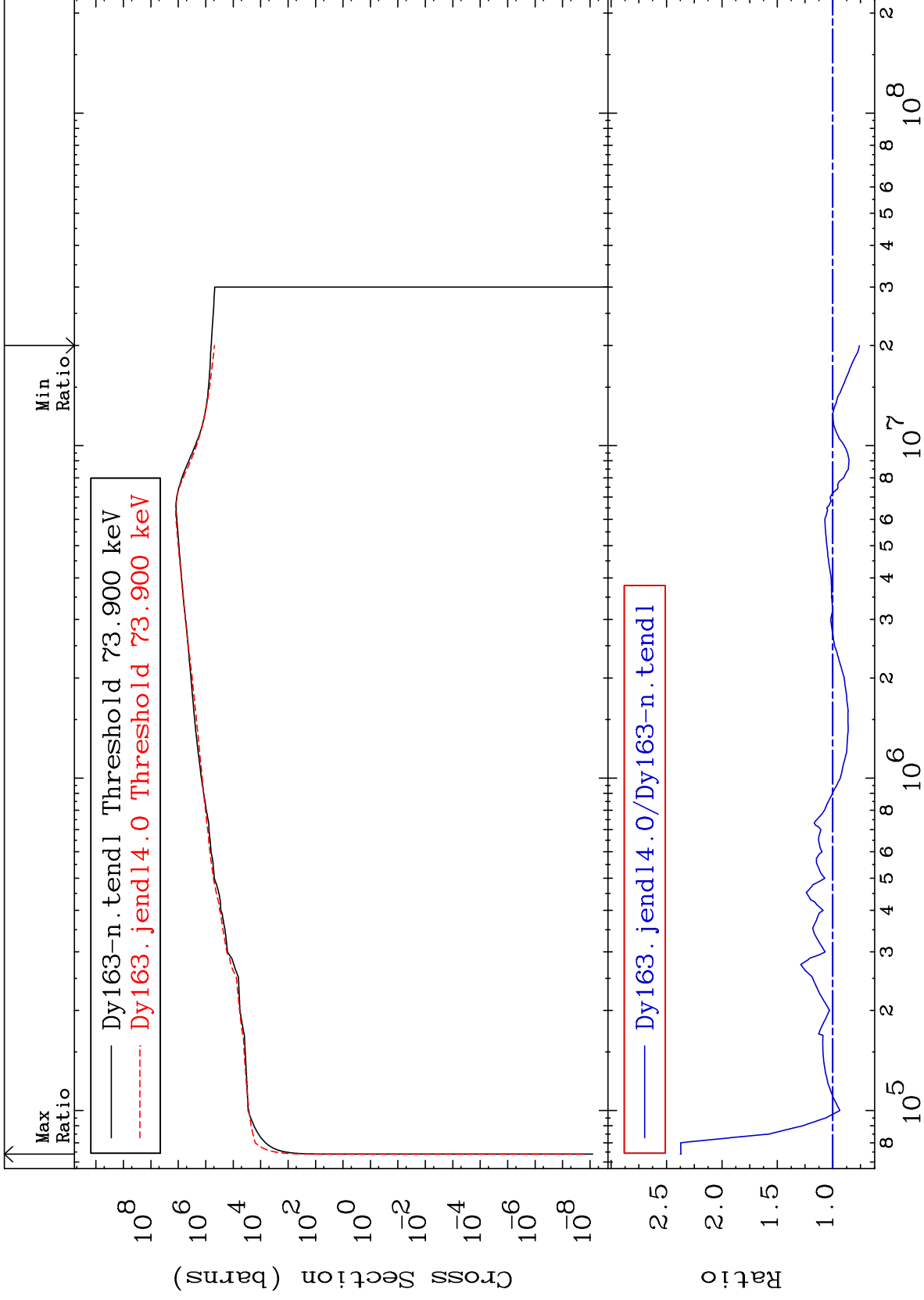
MAT 6646

Kerma elastic
Cross Section

66-Dy-163
-95.98 To 935.2 %



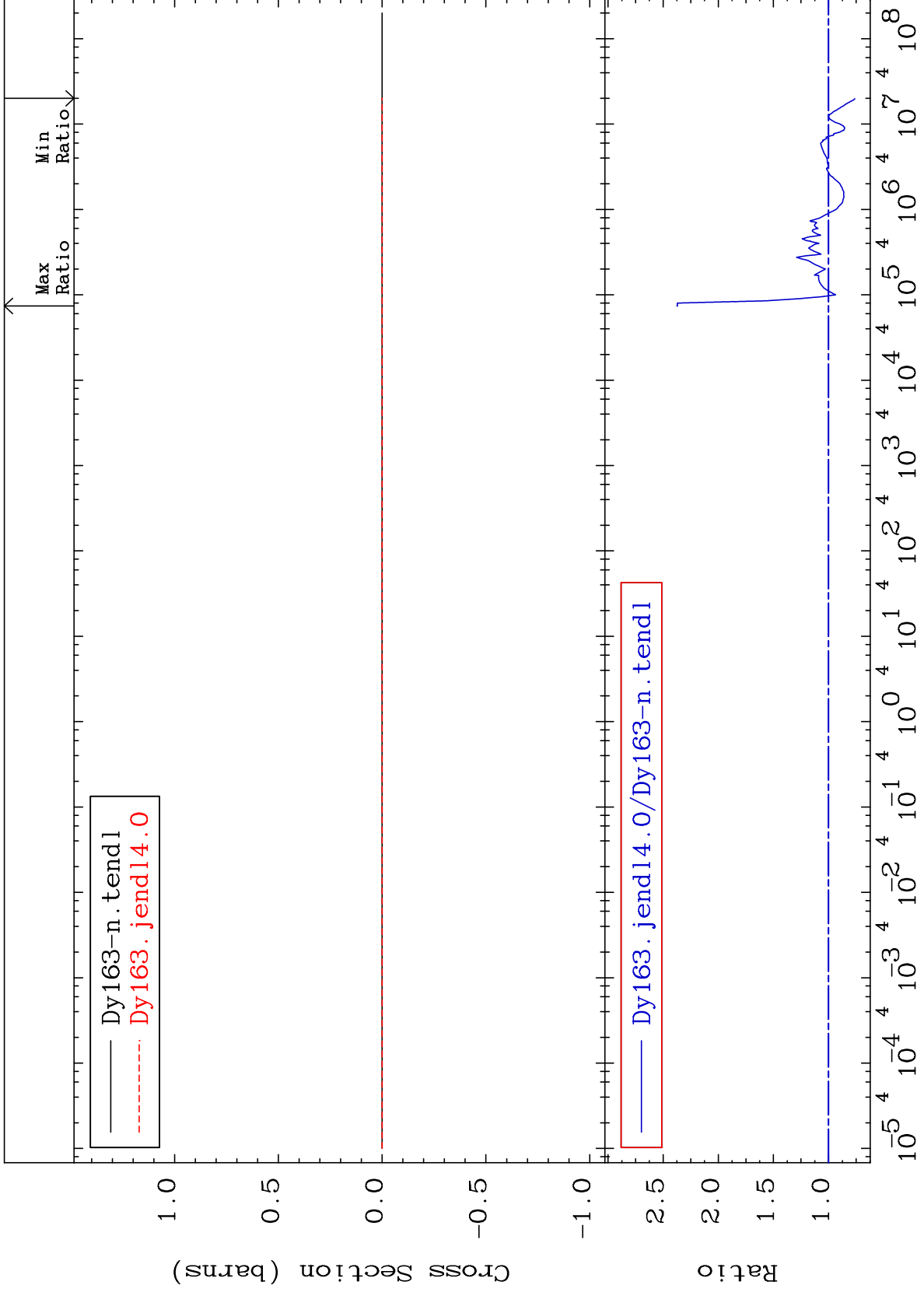


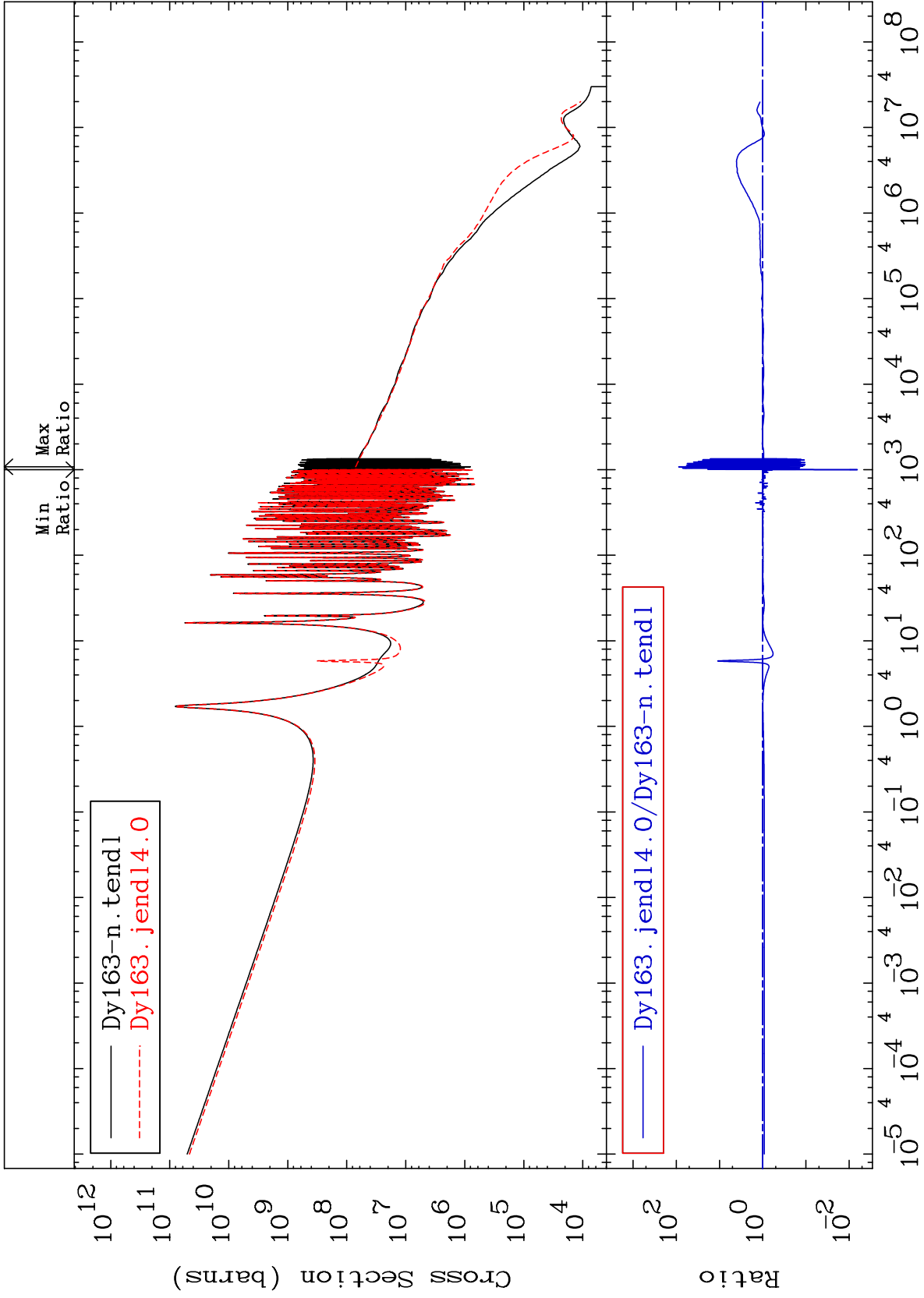


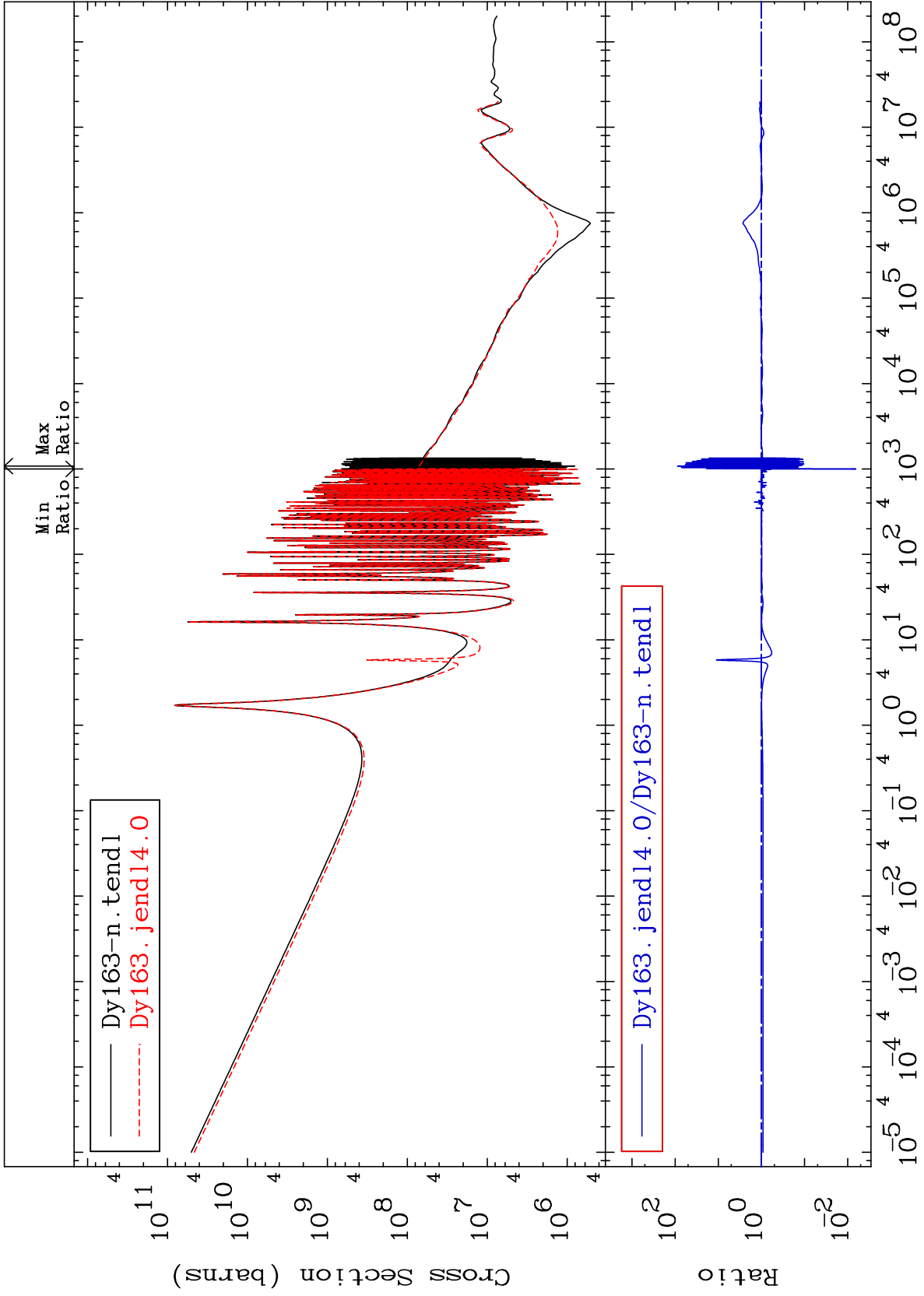
MAT 6646

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

66-Dy-163
-24.05 To 137.5 %



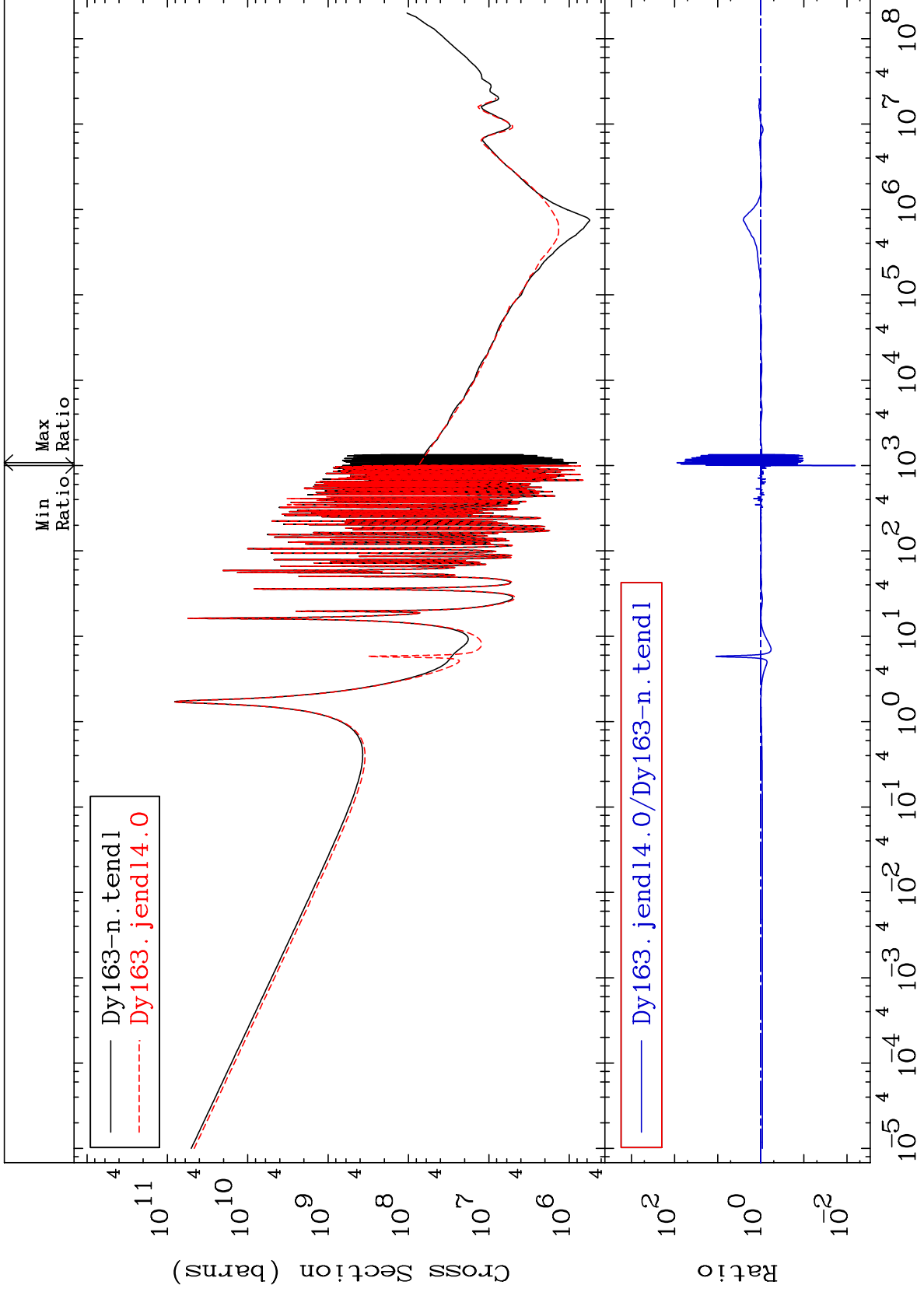




MAT 6646

Total kinematic kerma (high limit)
Cross Section

66-Dy-163
-99.35 To 8705. %



60

Incident Energy (eV)

66-Dy-163

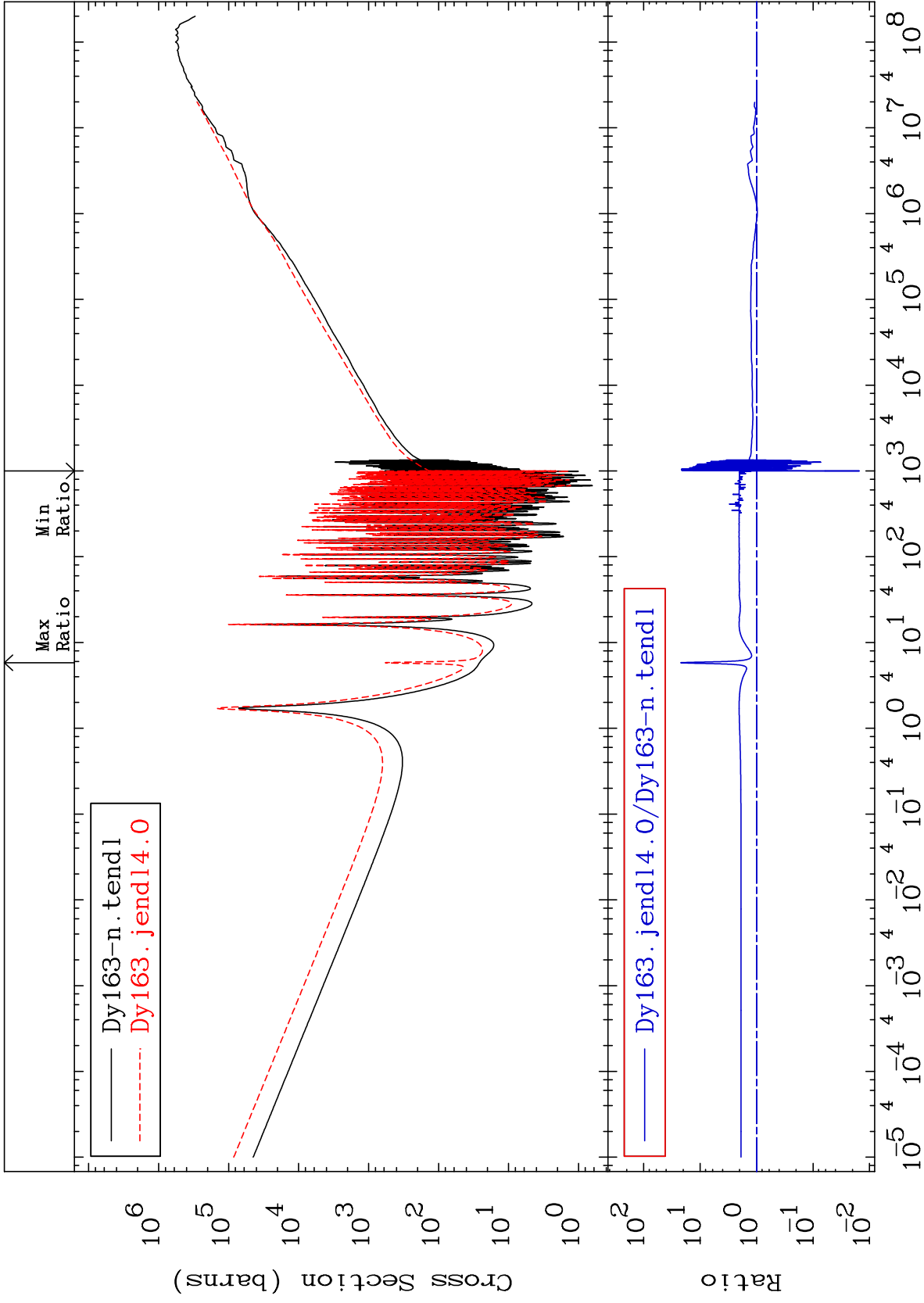
MAT 6646

Dpa total (eV-barns)

66-Dy-163

Cross Section

-98.49 To 2143. %



61

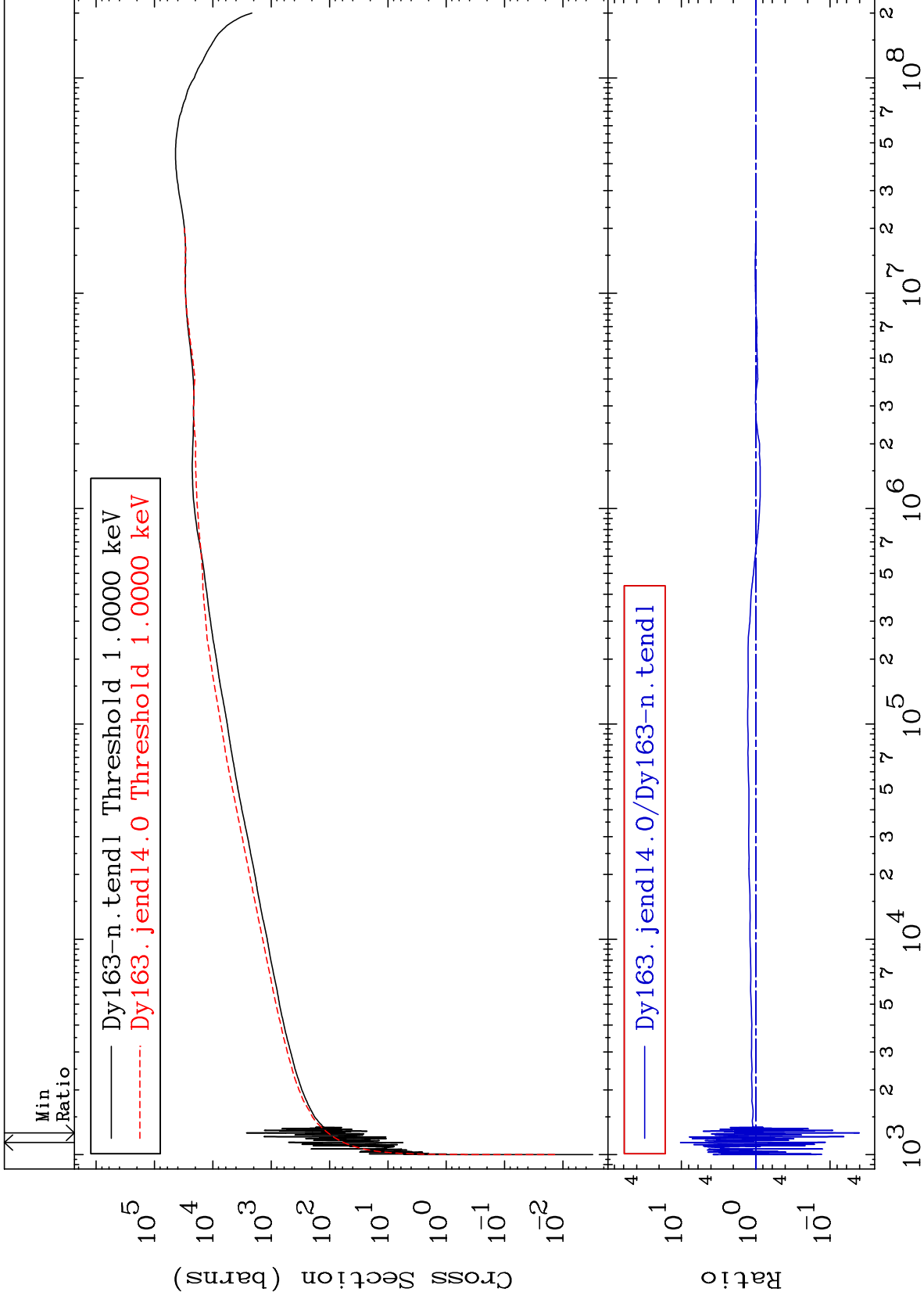
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa elastic (mt2)
Cross Section

66-Dy-163
-95.99 To 934.7 %



62

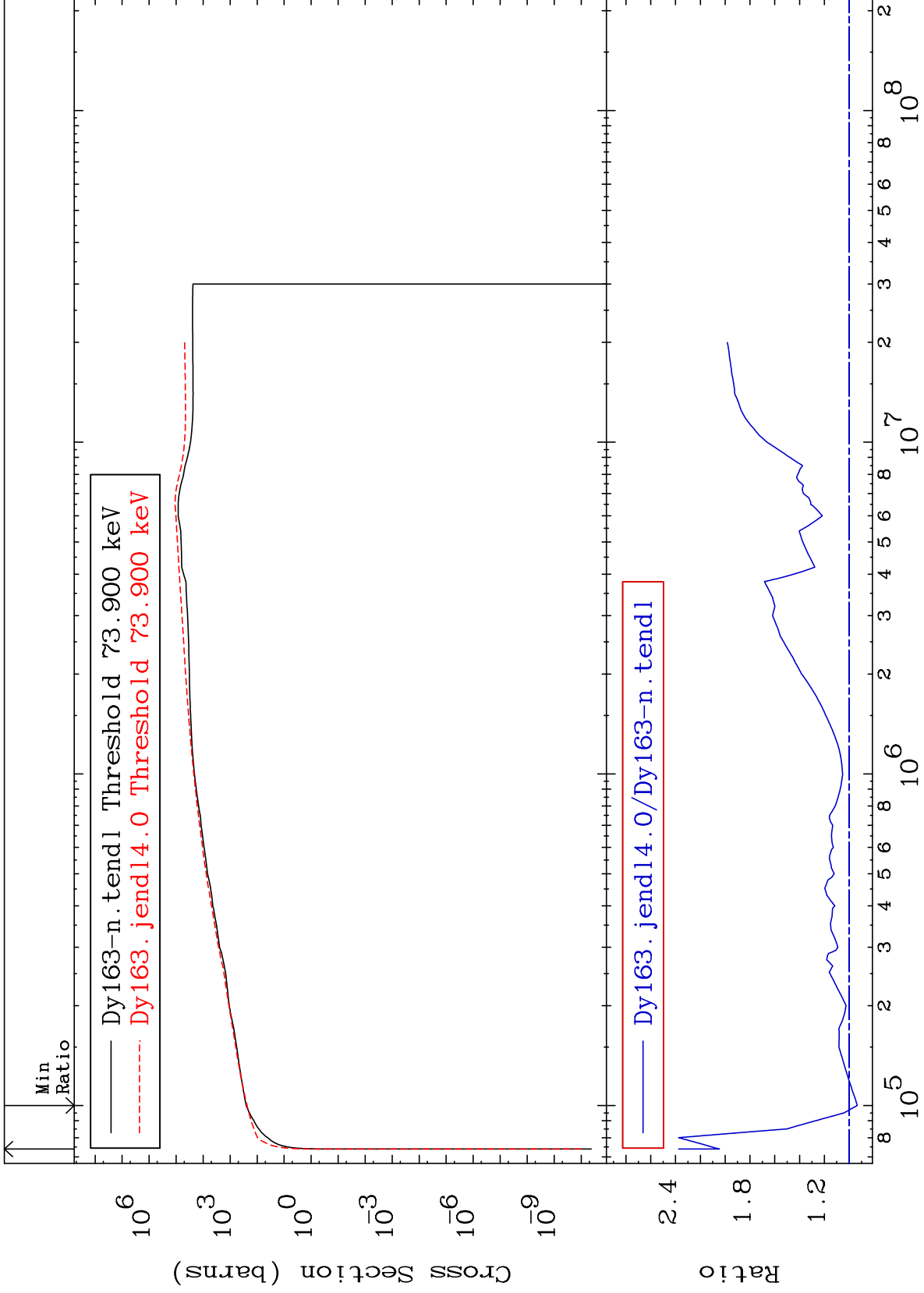
Incident Energy (eV)

66-Dy-163

MAT 6646

Dpa inelastic (mt51-91)
Cross Section

66-Dy-163
-6.546 To 137.5 %



63

Incident Energy (eV)

66-Dy-163

