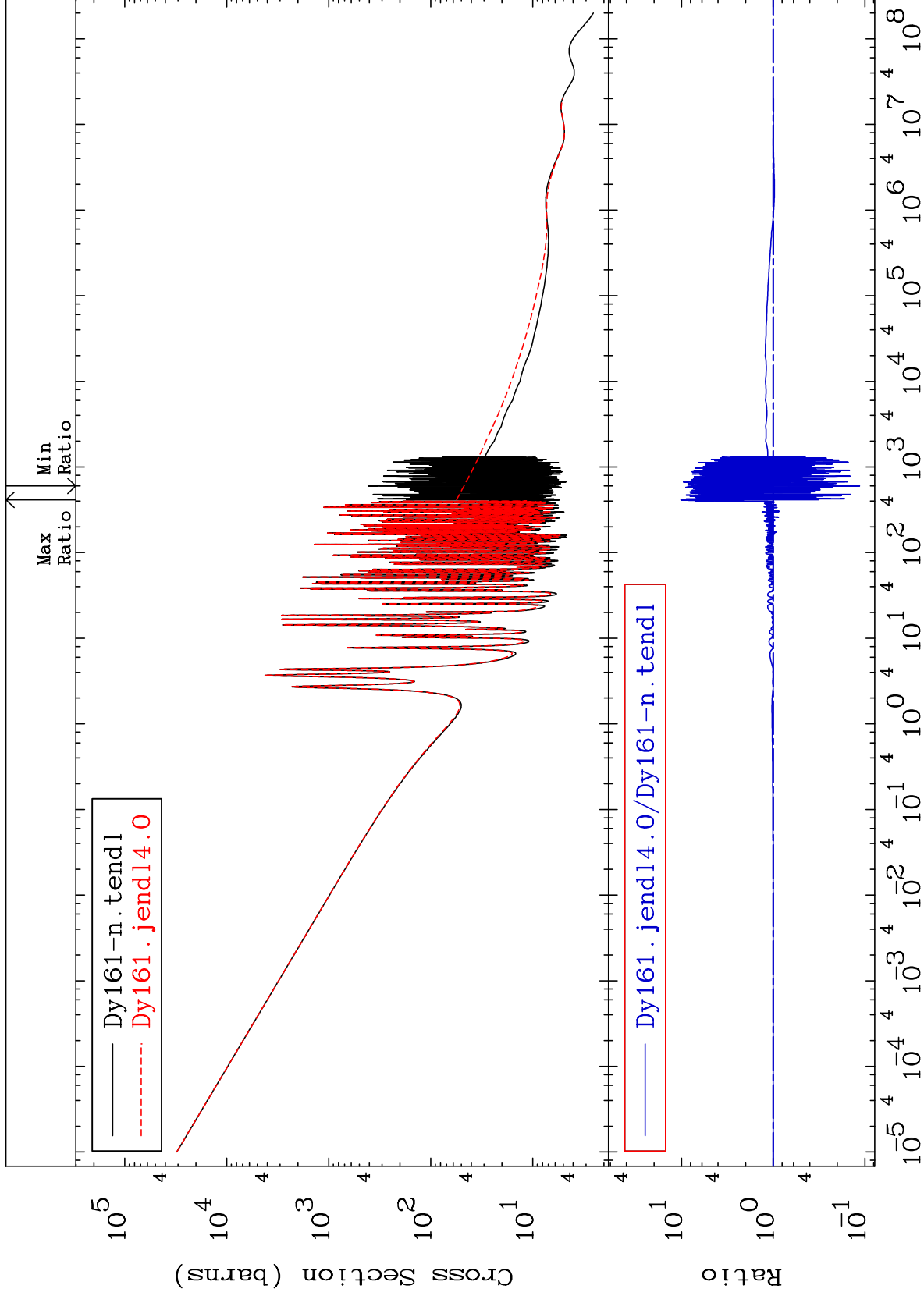


MAT 6640

Total
Cross Section

66-Dy-161
-88.56 To 920.6 %



66-Dy-161

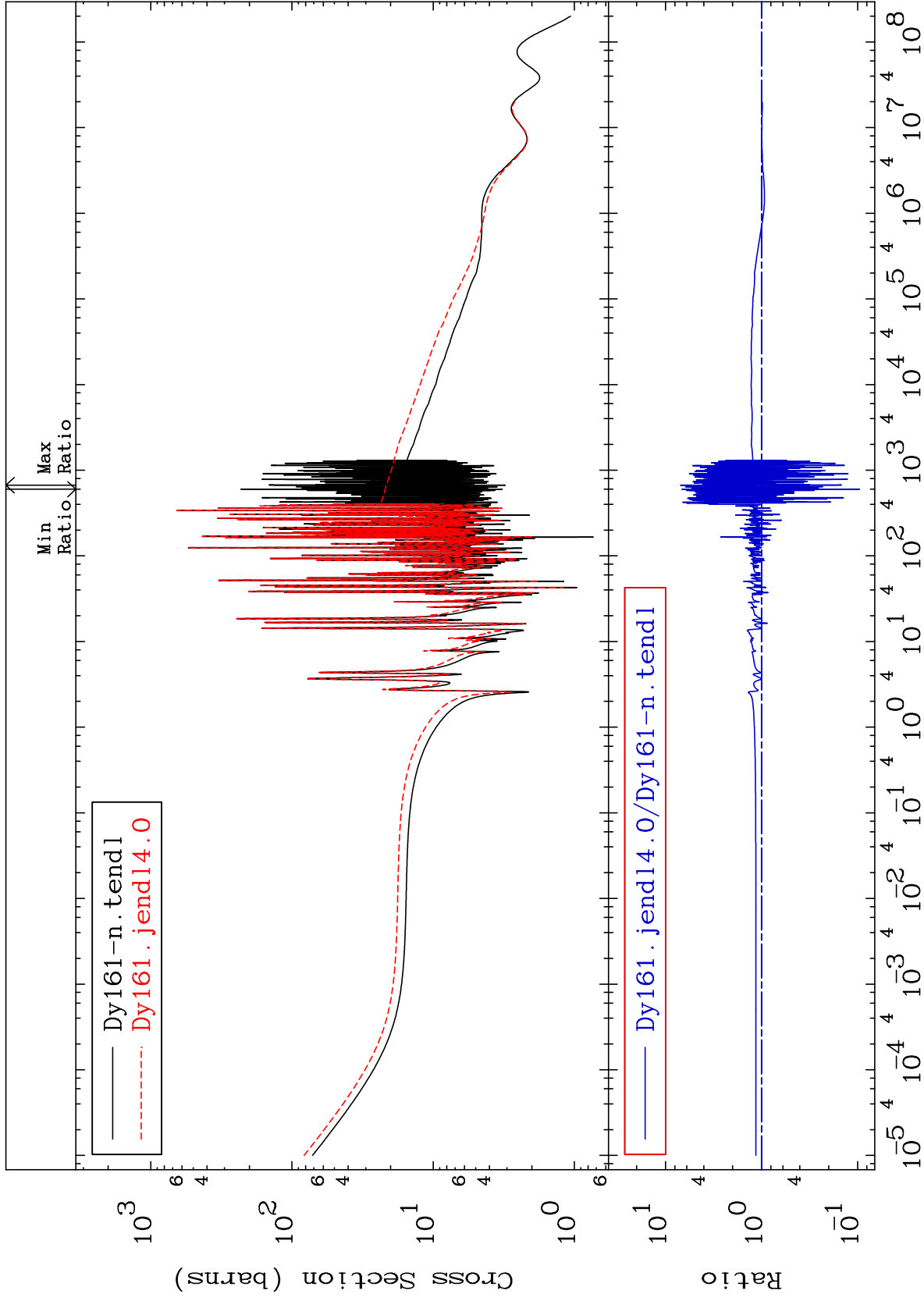
MAT 6640

Elastic

66-Dy-161

Cross Section

-90.45 To 593.9 %



Incident Energy (eV)

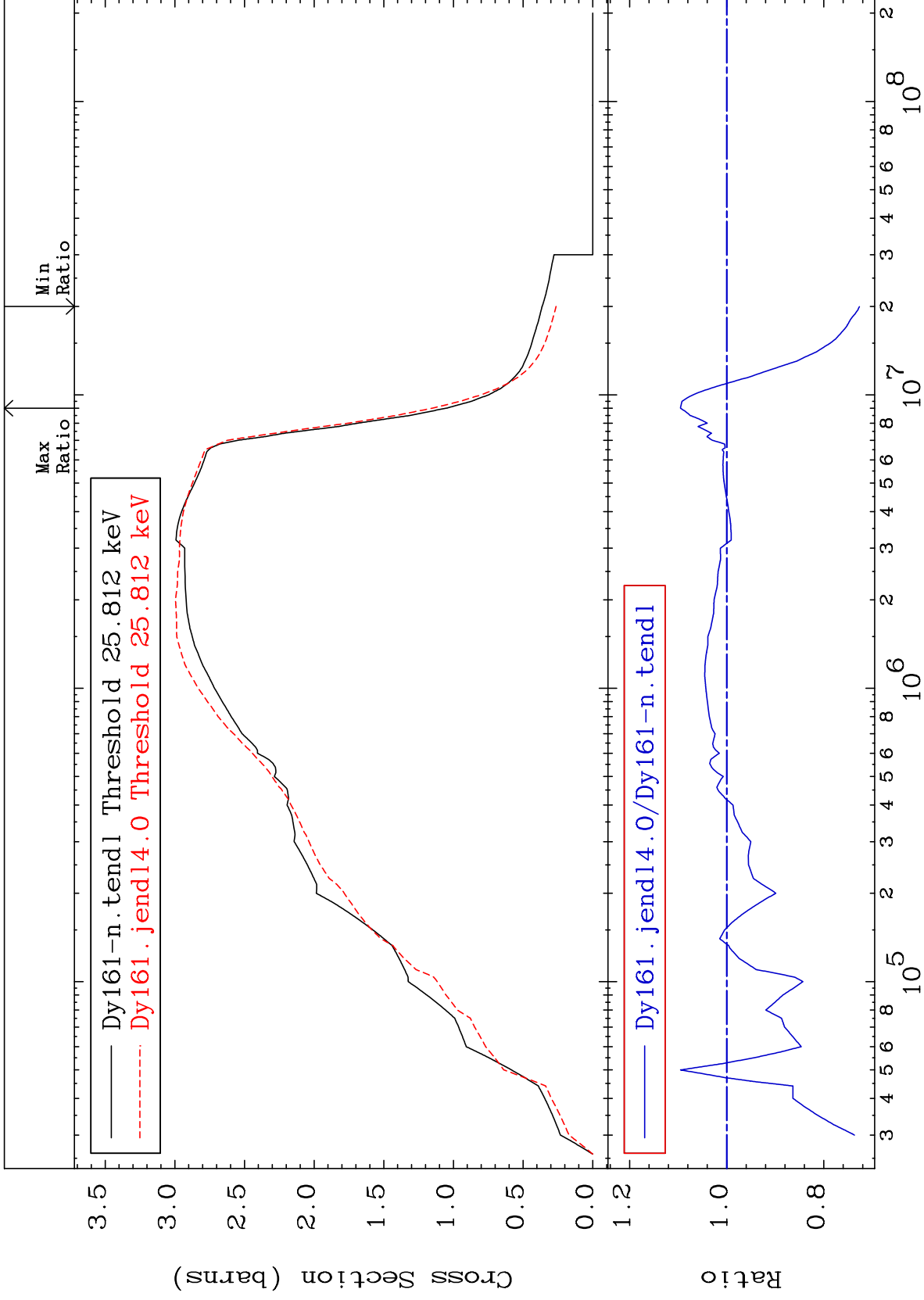
66-Dy-161

2

MAT 6640

Inelastic
Cross Section

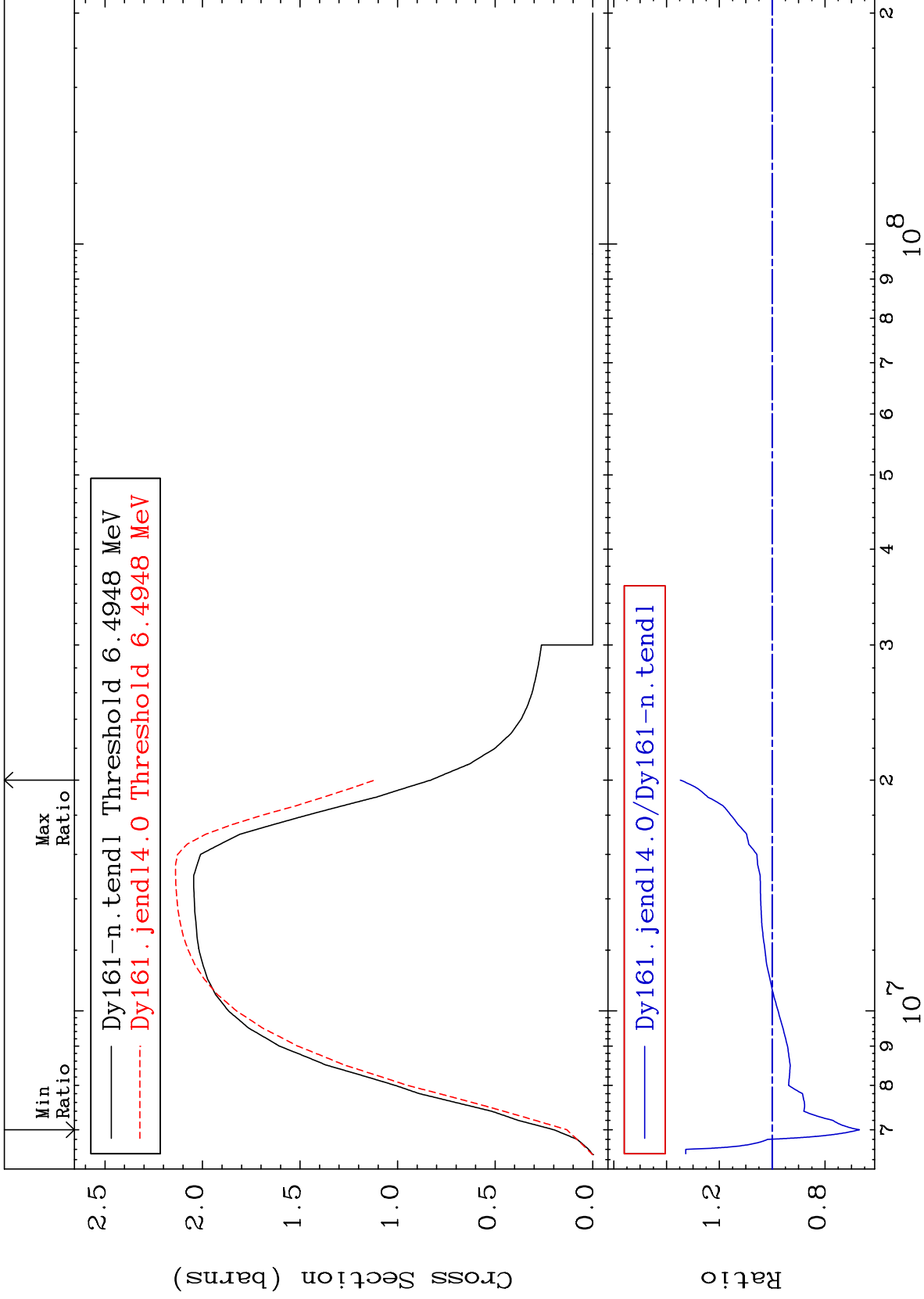
66-Dy-161
-27.33 To 9.549 %



MAT 6640

(n,2n)
Cross Section

66-Dy-161
-33.04 To 34.77 %



4

Incident Energy (eV)

66-Dy-161

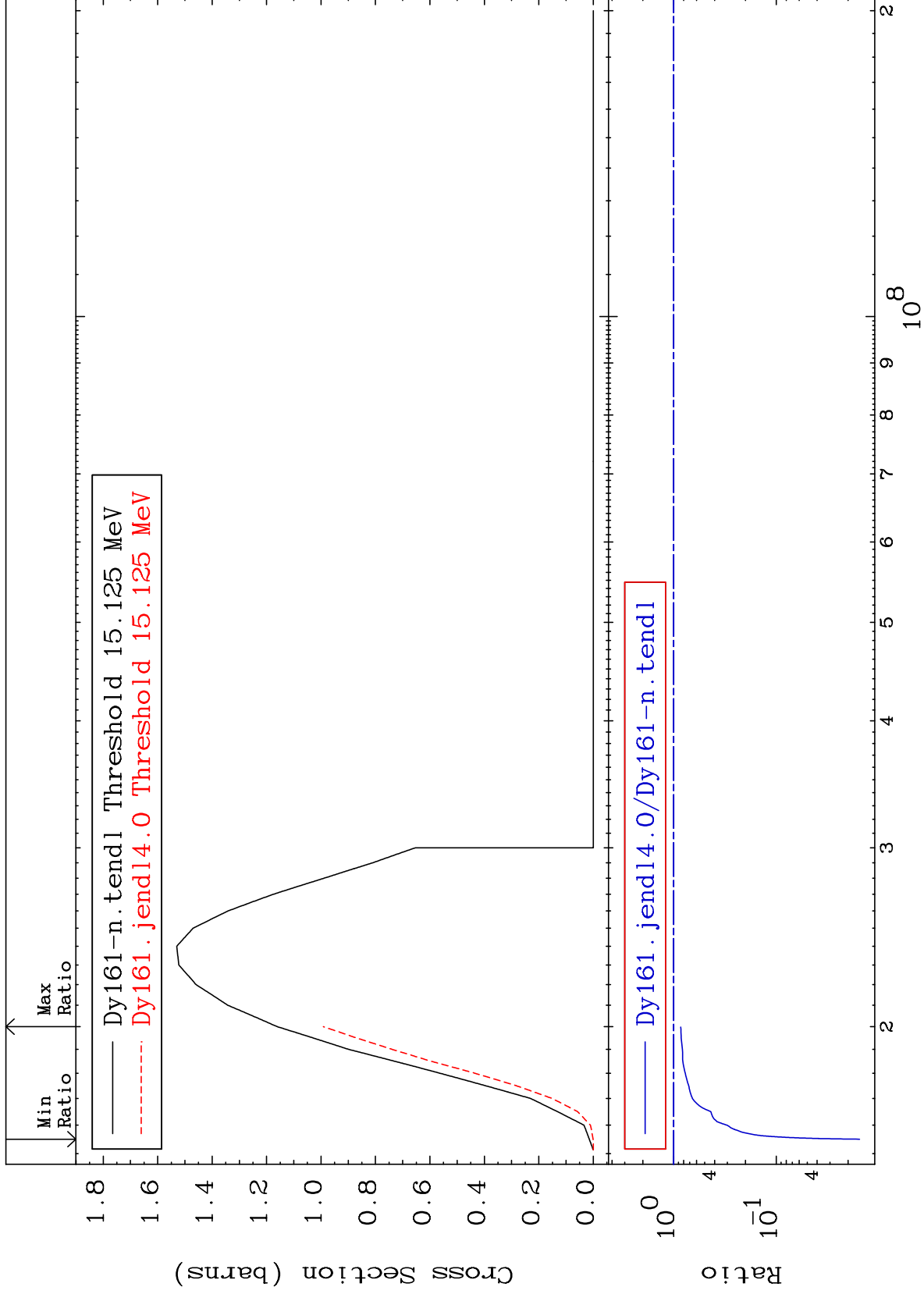
MAT 6640

(n,3n)

66-Dy-161

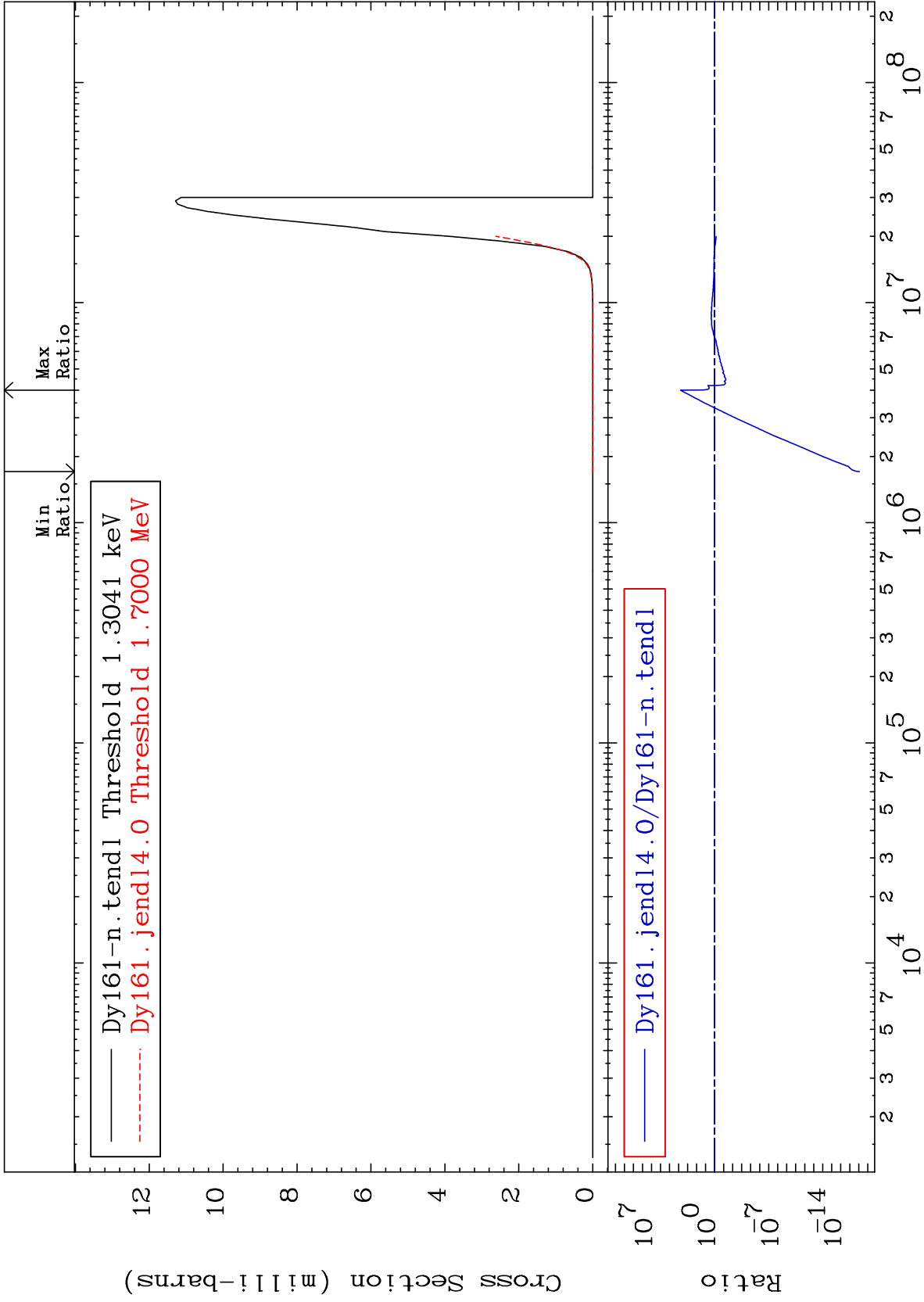
Cross Section

-98.46 To -14.59%



MAT 6640

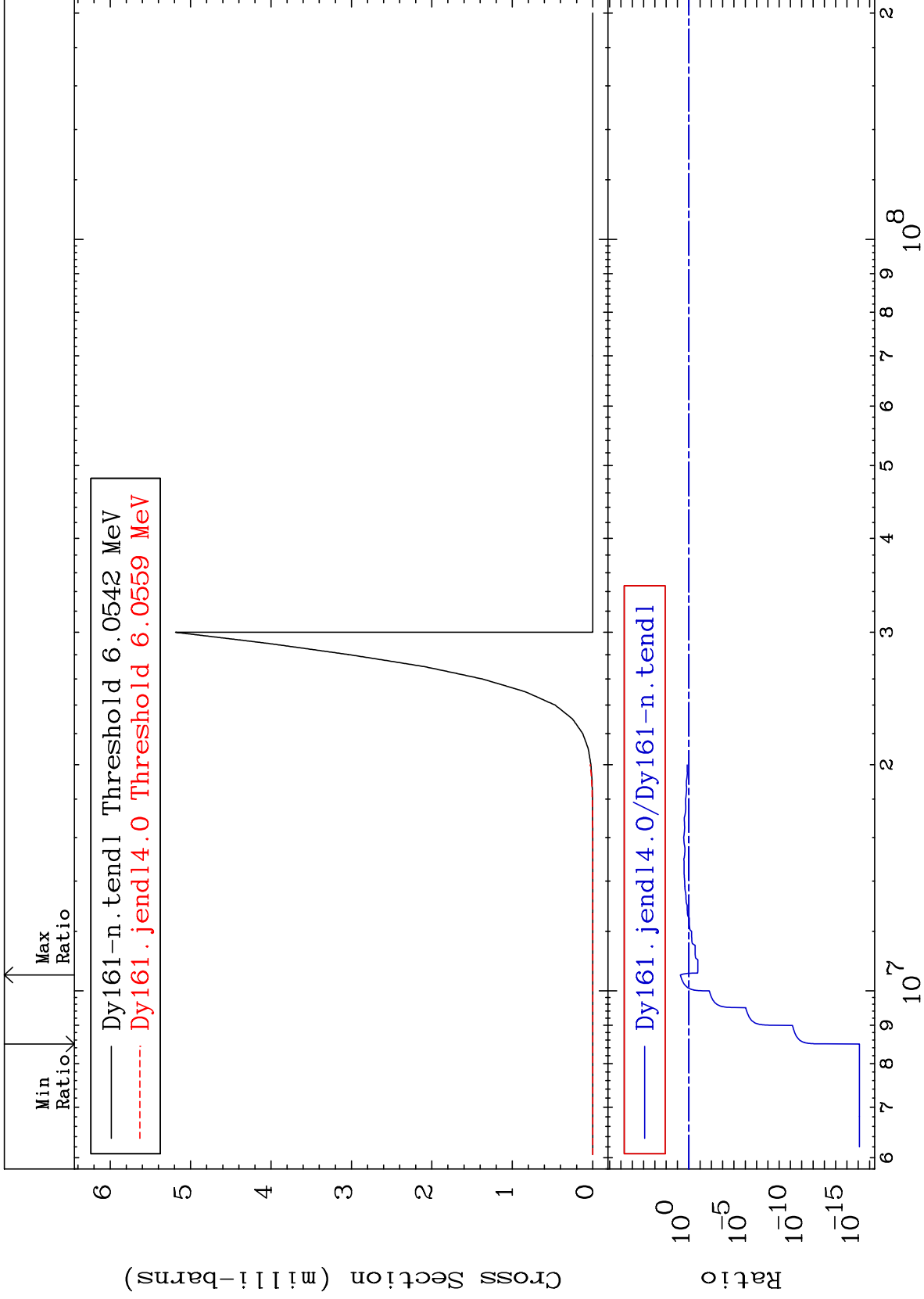
(n, n') α
Cross Section
66-Dy-161
-100.0 To 9999. %



MAT 6640

(n,2n) α
Cross Section

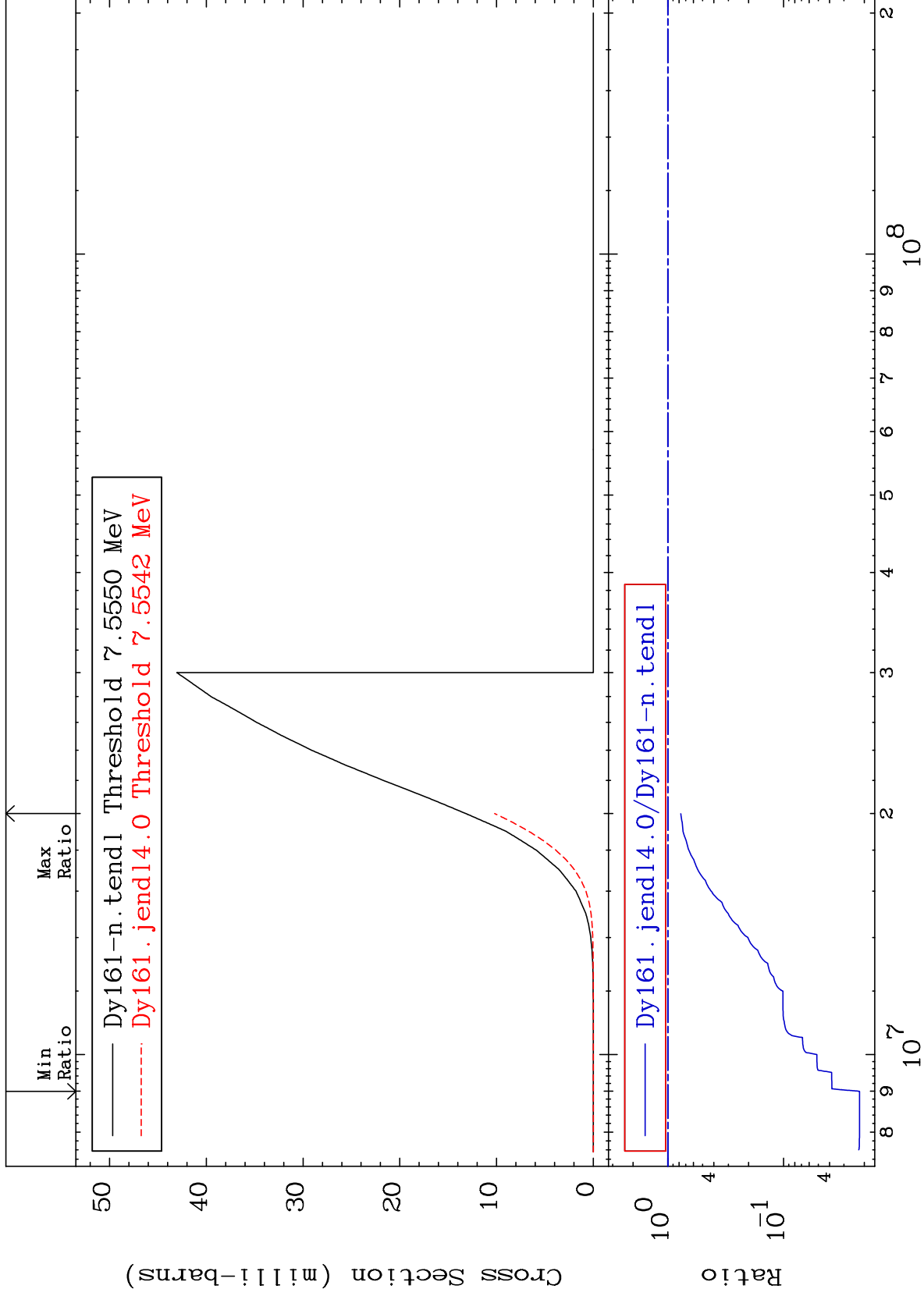
66-Dy-161
-100.0 To 455.7 %



MAT 6640

(n,n') p
Cross Section

66-Dy-161
-97.80 To -22.75%



8

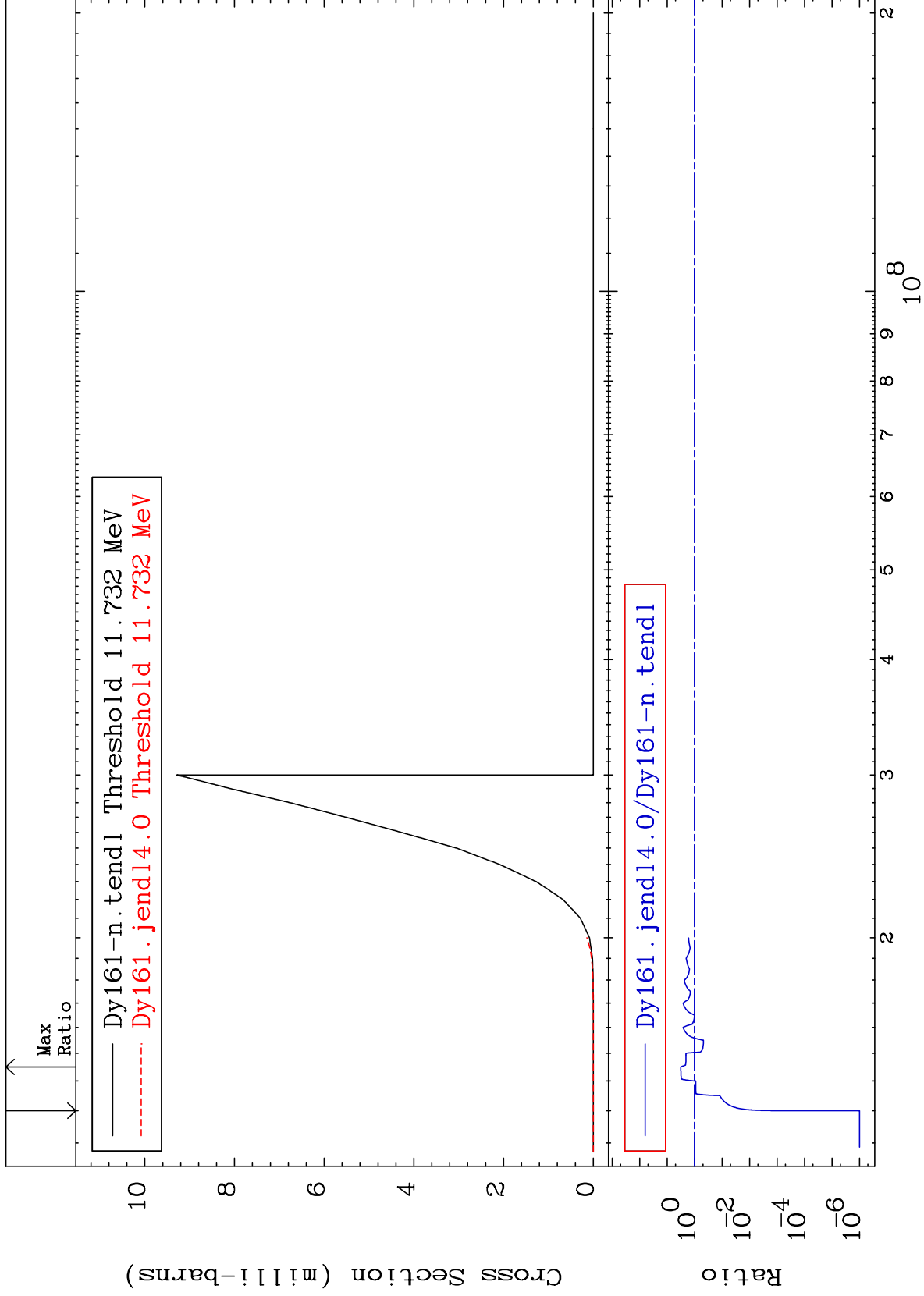
Incident Energy (eV)

66-Dy-161

MAT 6640

(n,n') d
Cross Section

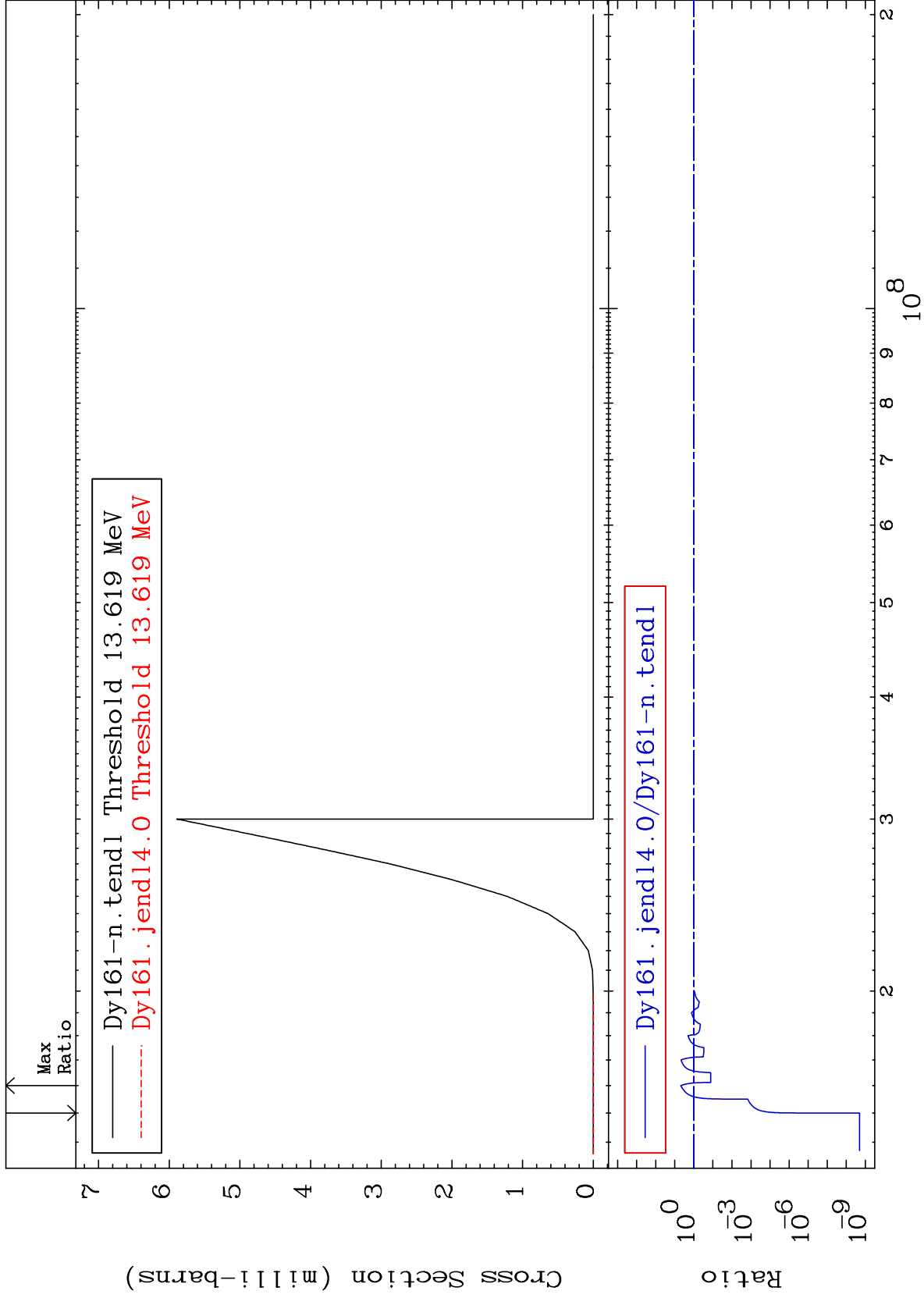
66-Dy-161
-100.0 To 221.0 %



MAT 6640

(n,n') t
Cross Section

66-Dy-161
-100.0 To 384.7 %



10

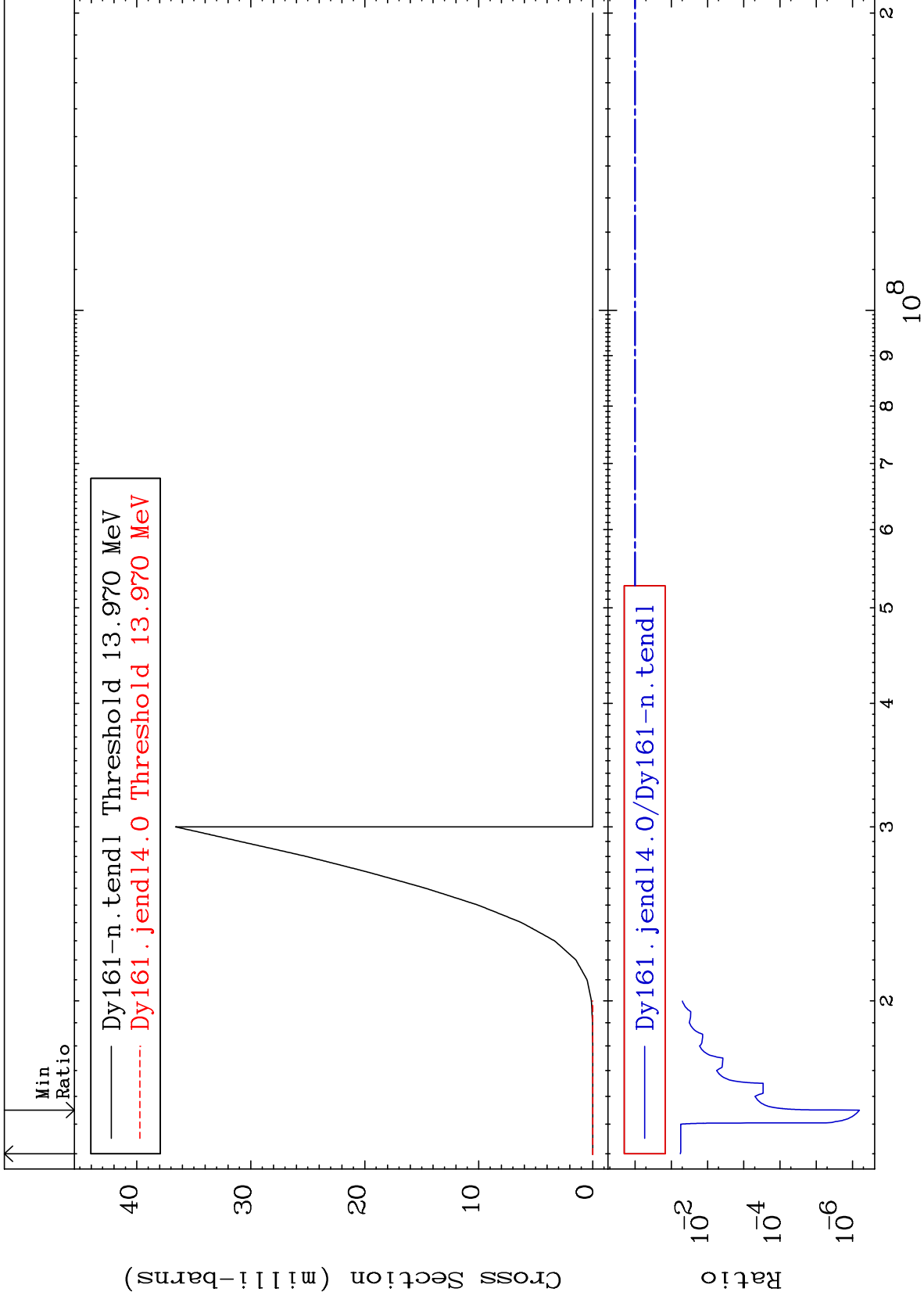
66-Dy-161

66-Dy-161

MAT 6640

(n,2n) p
Cross Section

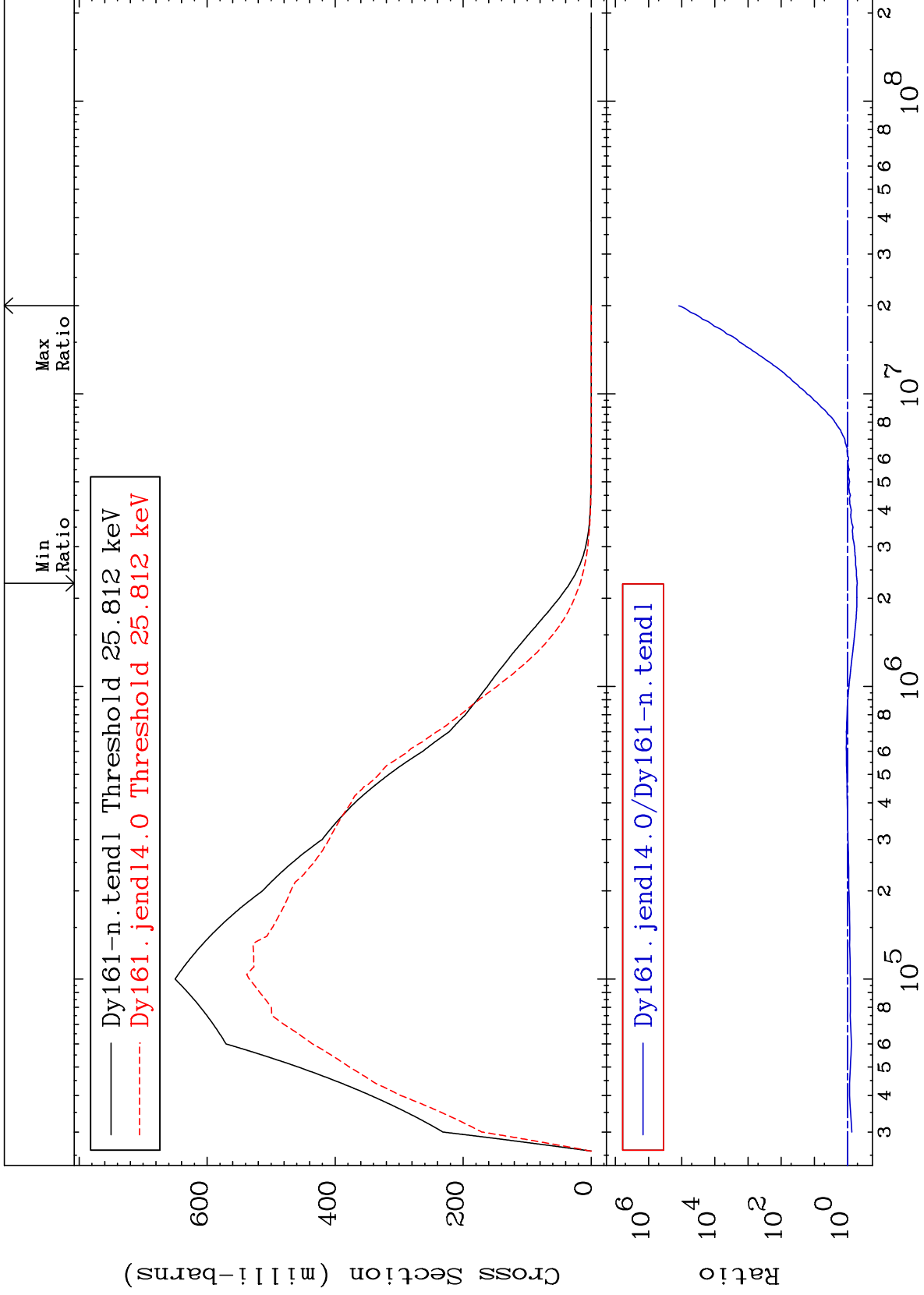
66-Dy-161
-100.0 To -94.37%



MAT 6640

25.65 keV (n,n') Level
Cross Section

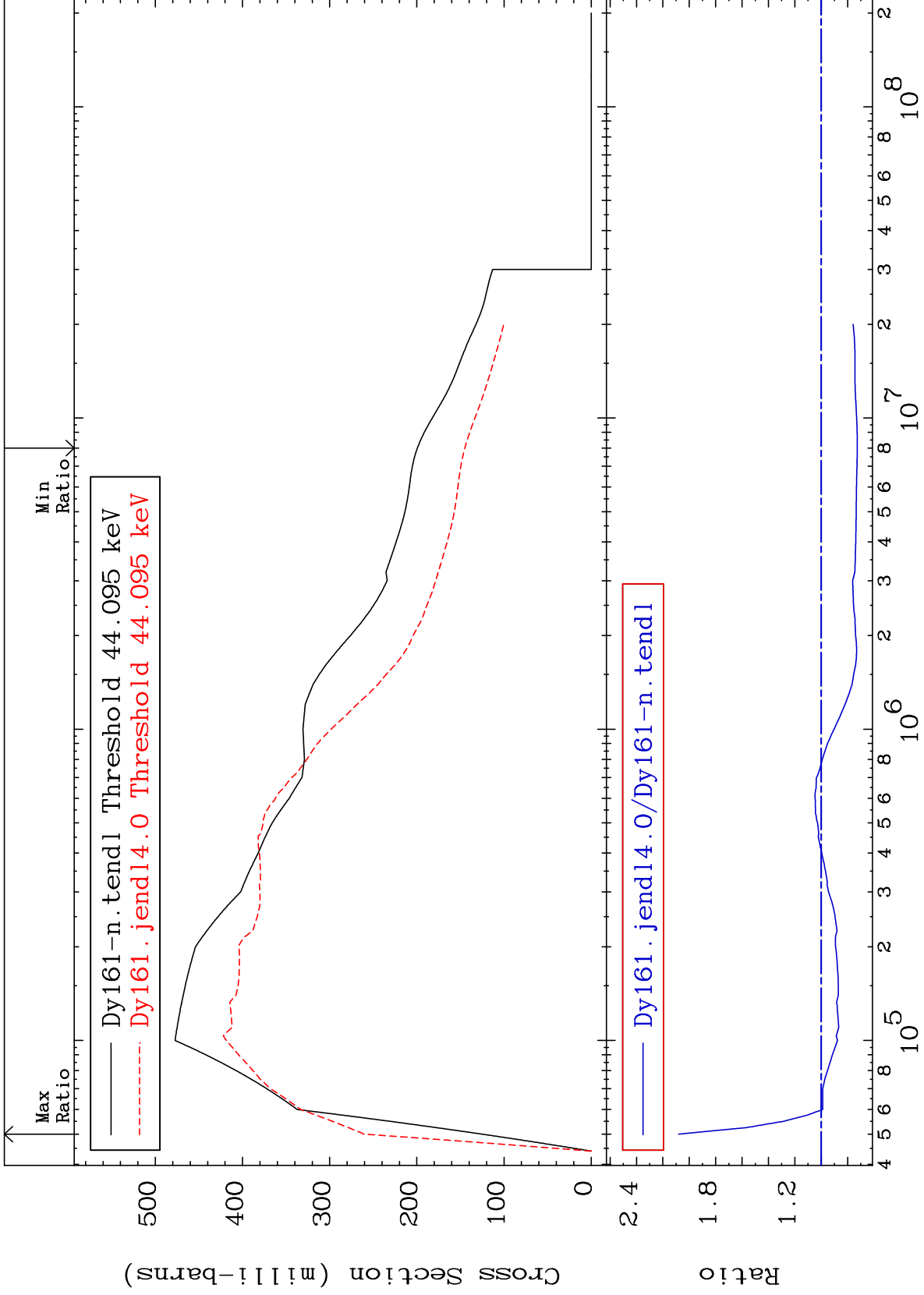
66-Dy-161
-49.05 To 9999. %



MAT 6640

43.82 keV (n,n') Level
Cross Section

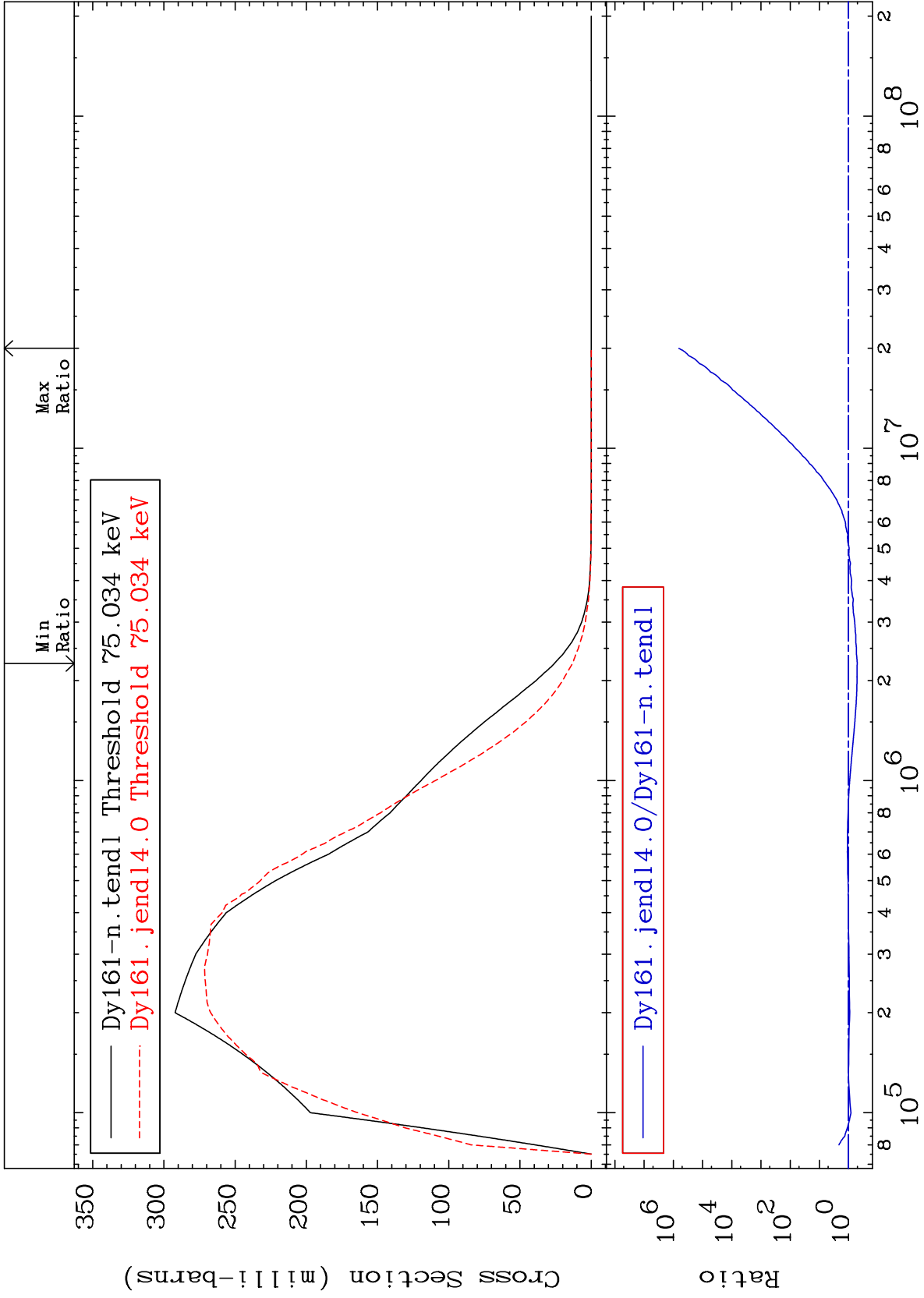
66-Dy-161
-27.31 To 108.1 %



MAT 6640

74.57 keV (n,n') Level
Cross Section

66-Dy-161
-49.41 To 9999. %

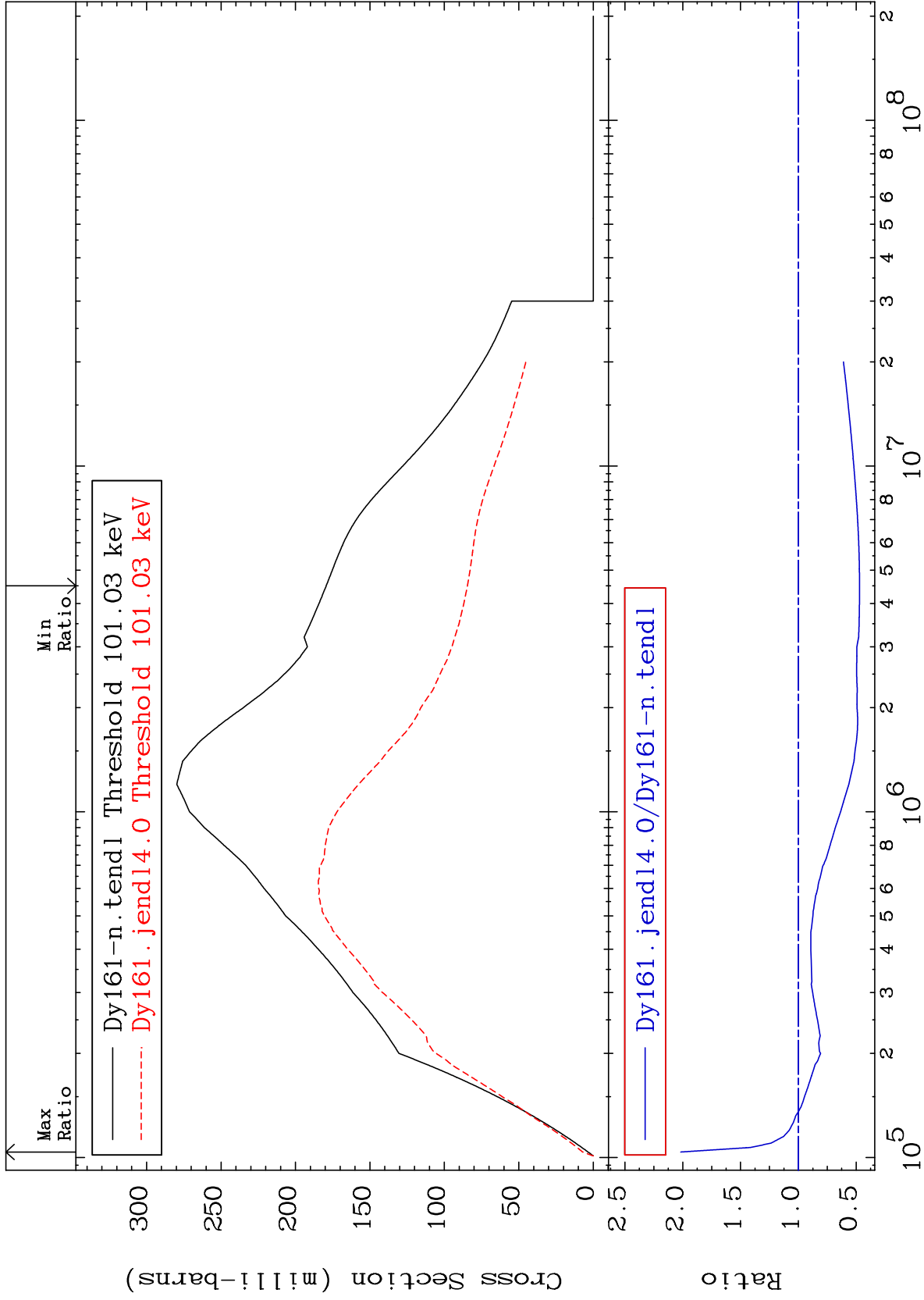


14

Incident Energy (eV)

66-Dy-161

MAT 6640 100.4 keV (n,n') Level 66-Dy-161
 Cross Section -52.90 To 101.7 %

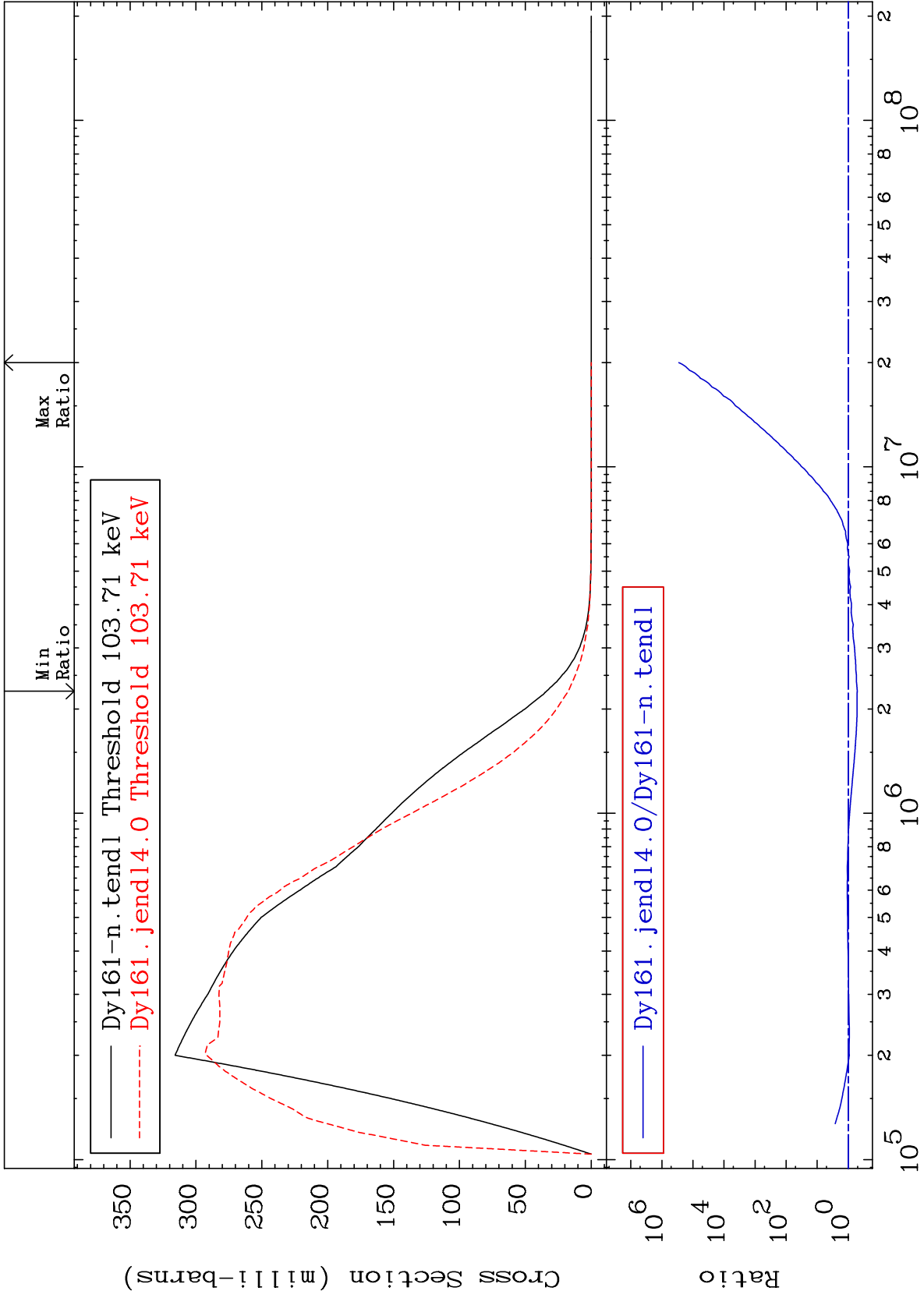


15 Incident Energy (eV) 66-Dy-161

MAT 6640

103.1 keV (n,n') Level
Cross Section

66-Dy-161
-48.79 To 9999. %



16

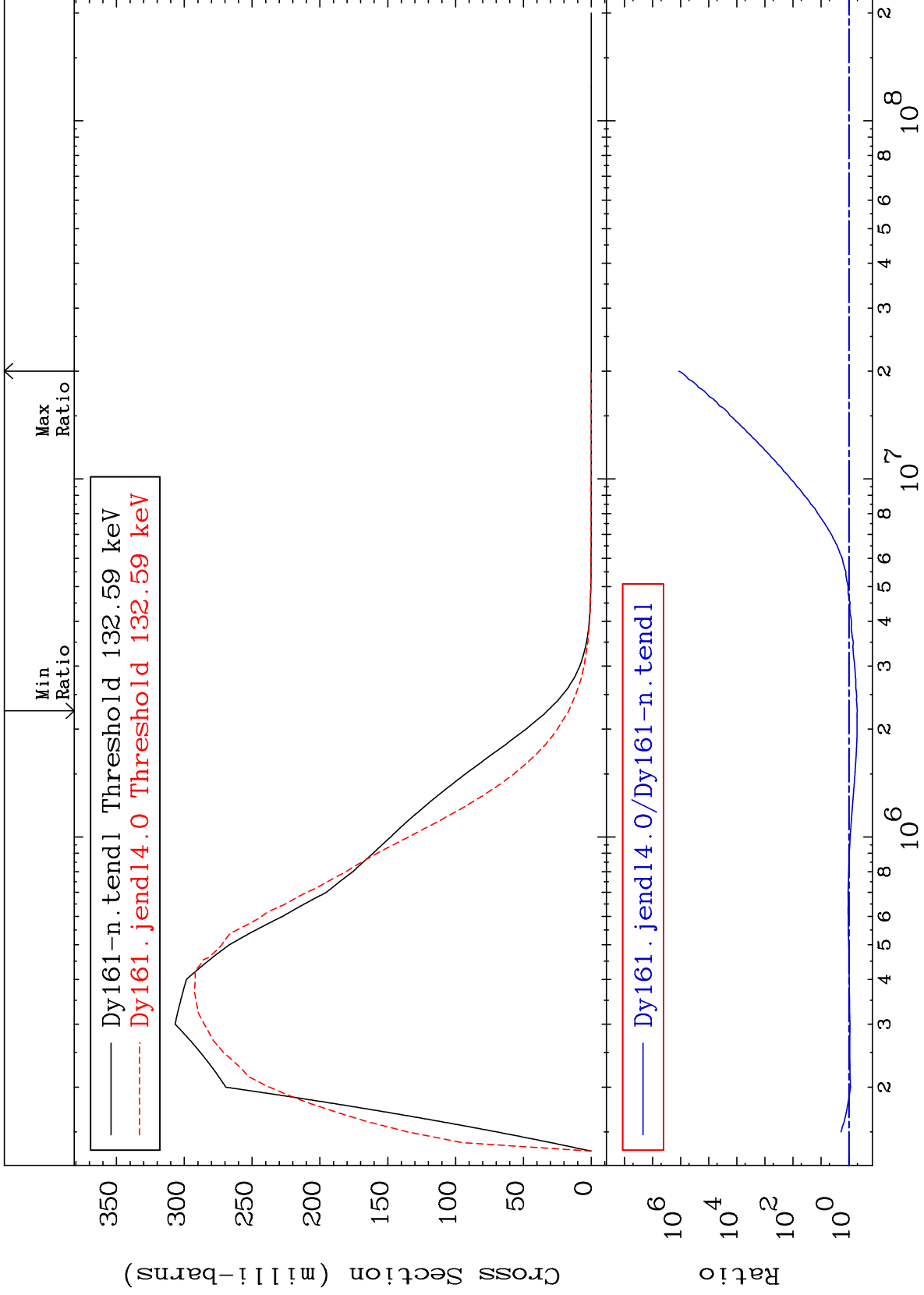
Incident Energy (eV)

66-Dy-161

MAT 6640

131.8 keV (n,n') Level
Cross Section

66-Dy-161
-49.06 To 9999. %



17

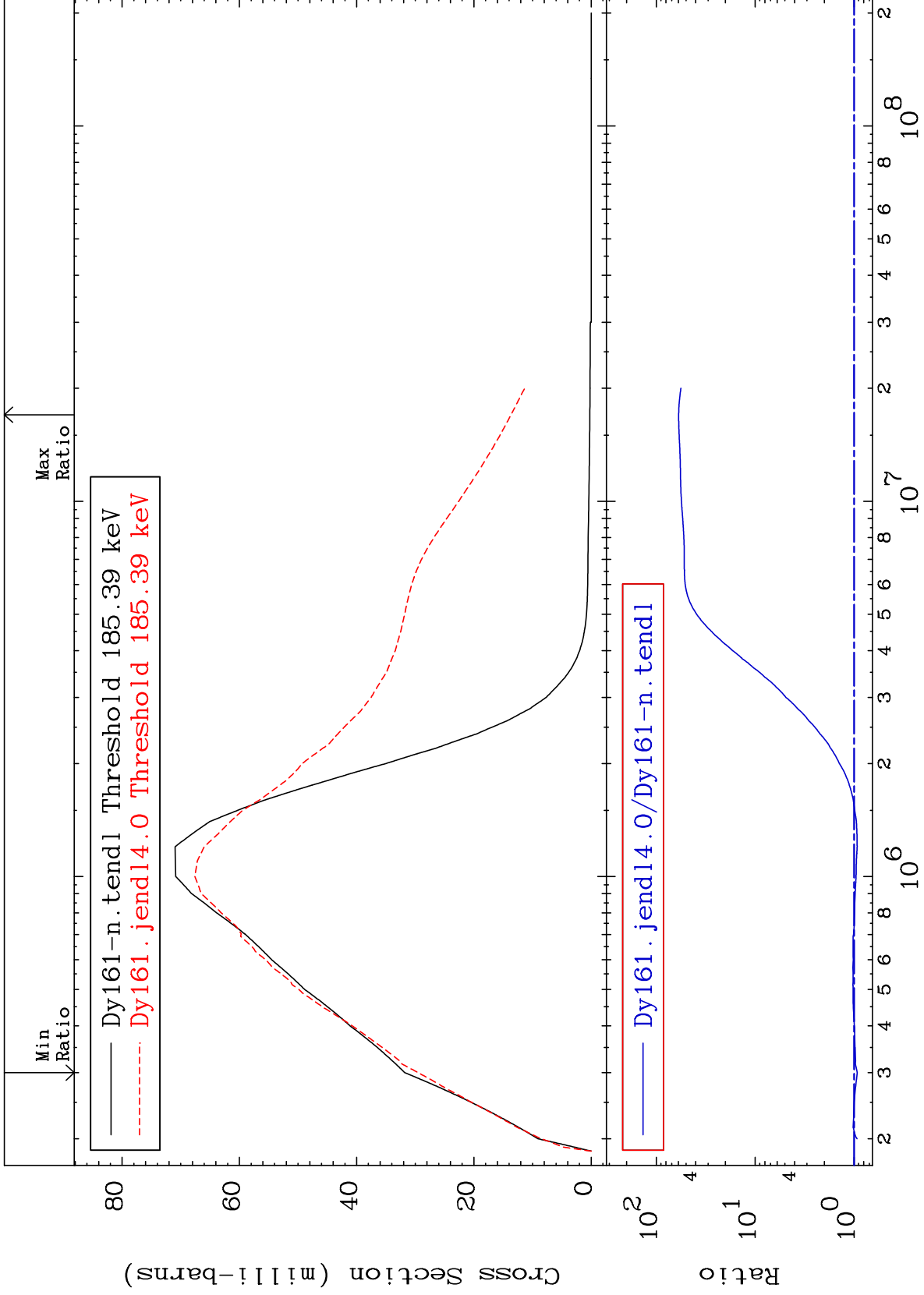
Incident Energy (eV)

66-Dy-161

MAT 6640

184.2 keV (n,n') Level
Cross Section

66-Dy-161
-7.199 To 5857. %



18

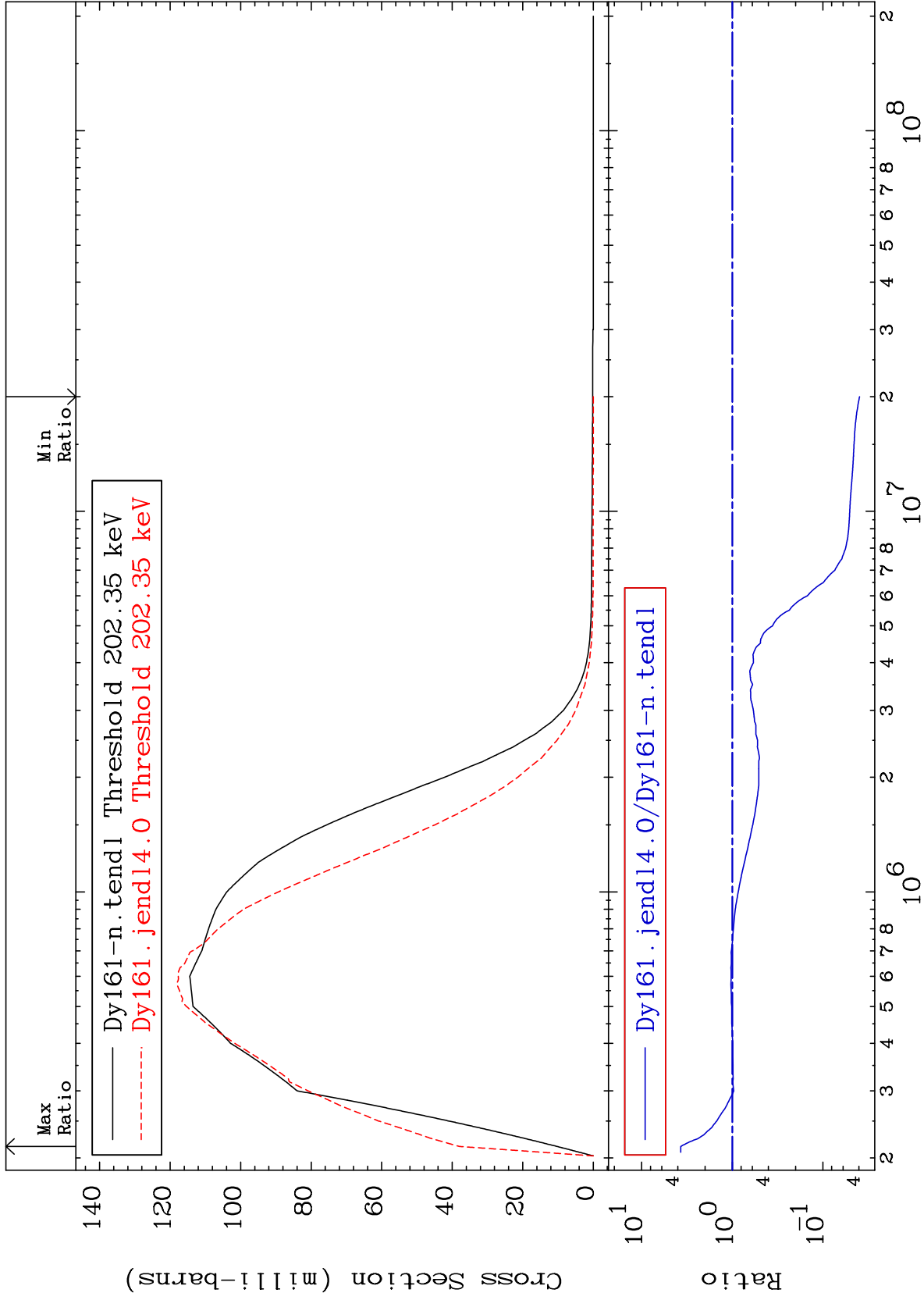
Incident Energy (eV)

66-Dy-161

MAT 6640

201.1 keV (n,n') Level
Cross Section

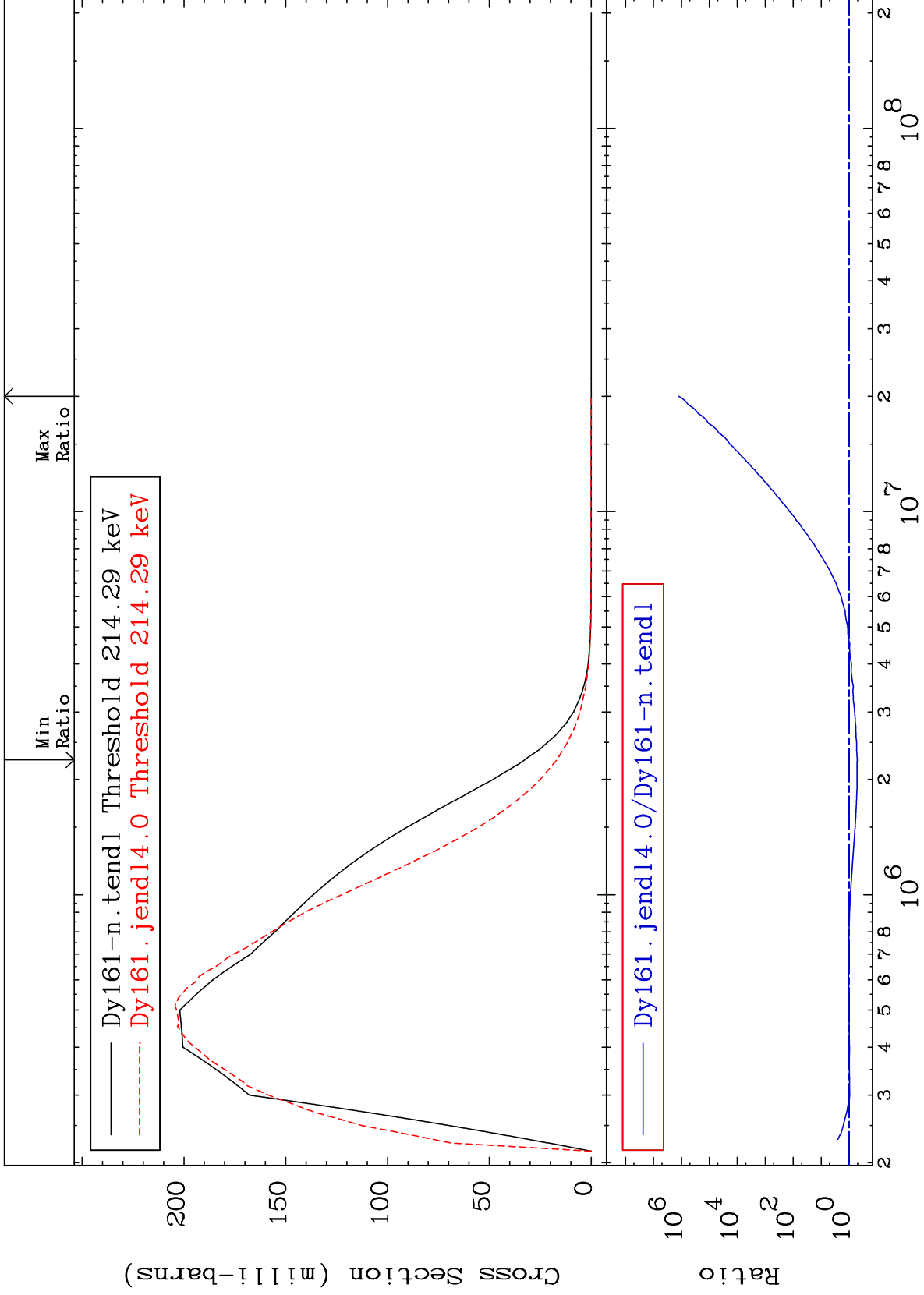
66-Dy-161
-96.06 To 270.2 %



MAT 6640

213.0 keV (n,n') Level
Cross Section

66-Dy-161
-48.69 To 9999. %



20

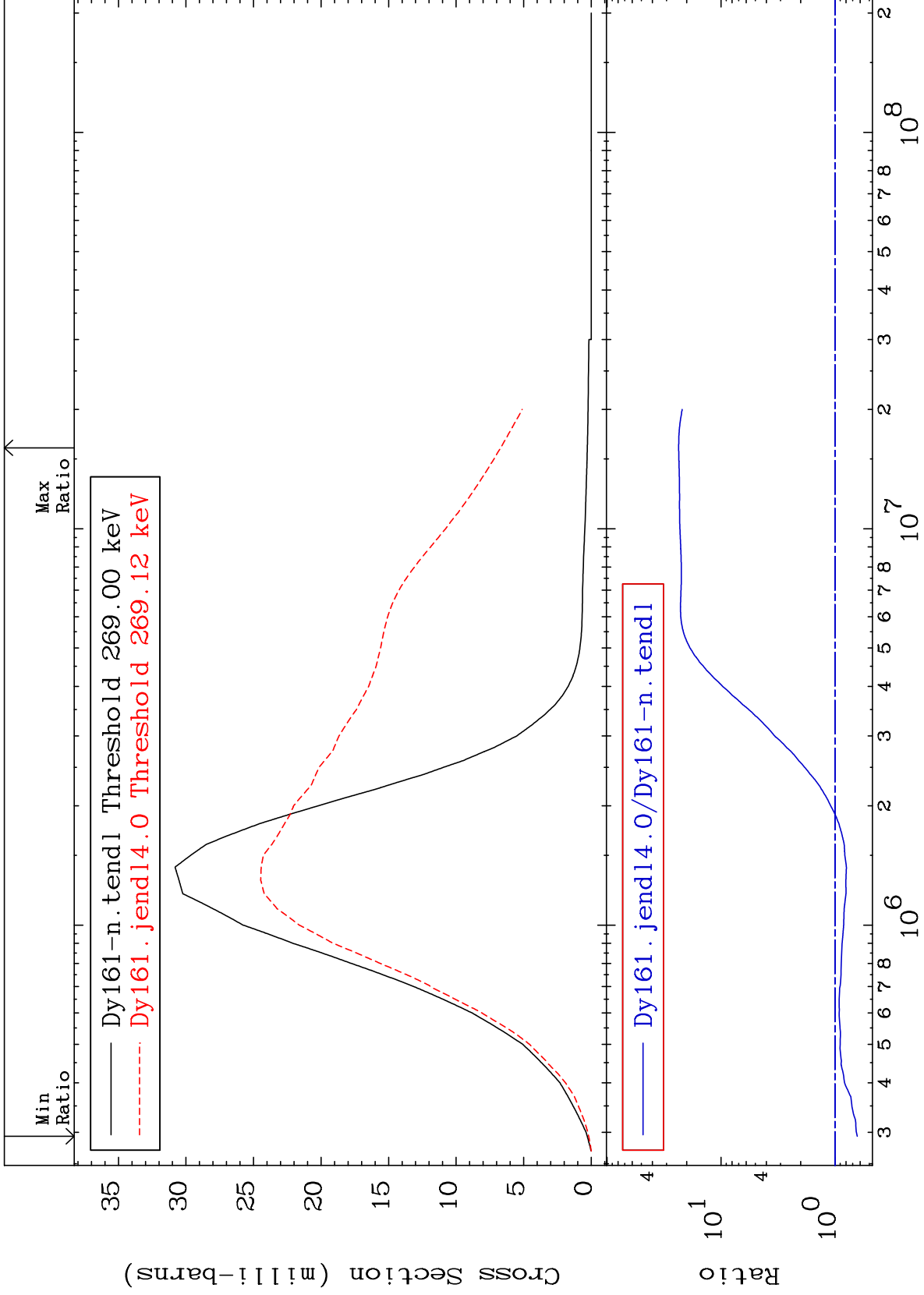
Incident Energy (eV)

66-Dy-161

MAT 6640

267.3 keV (n,n') Level
Cross Section

66-Dy-161
-36.28 To 2251. %



21

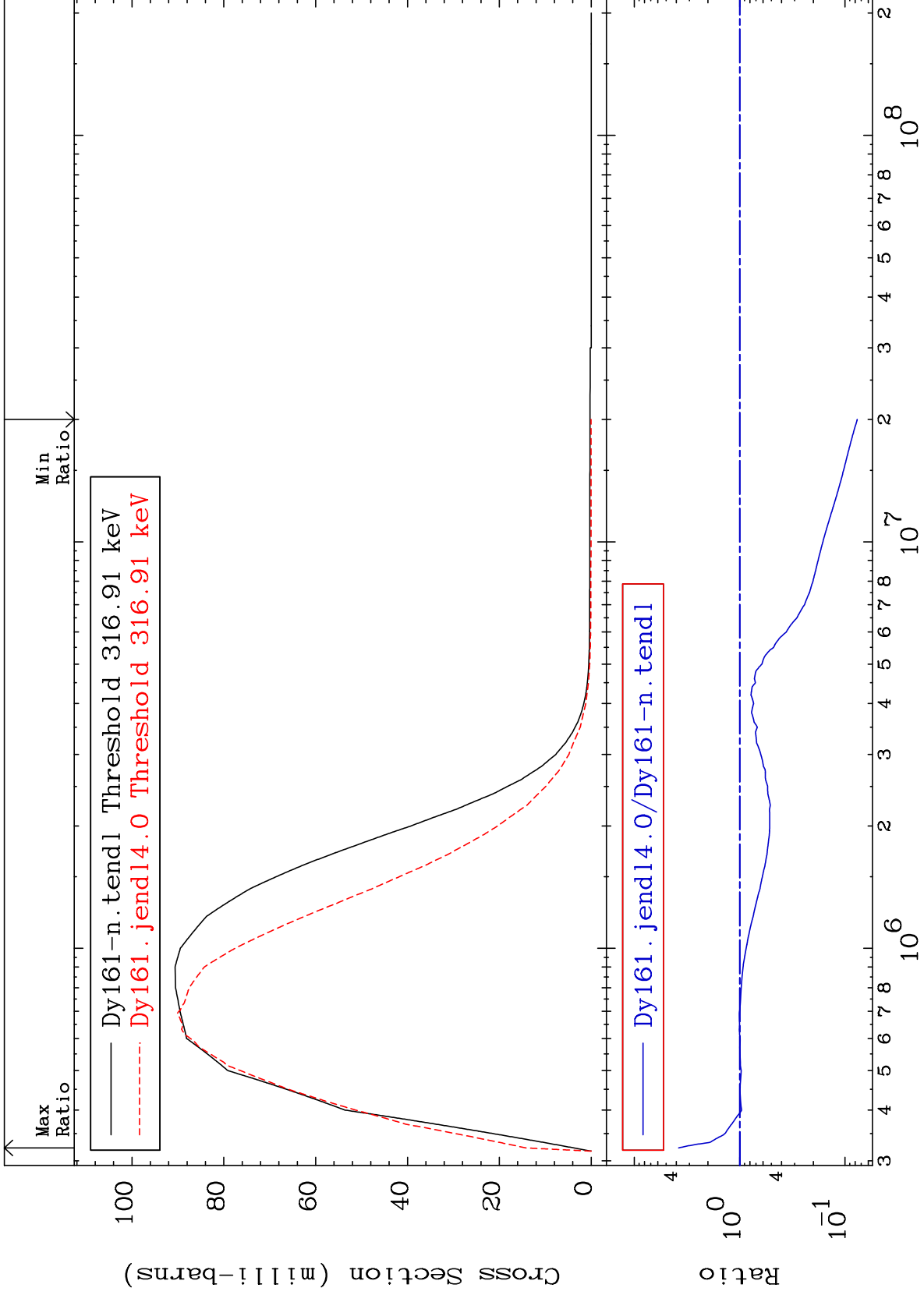
Incident Energy (eV)

66-Dy-161

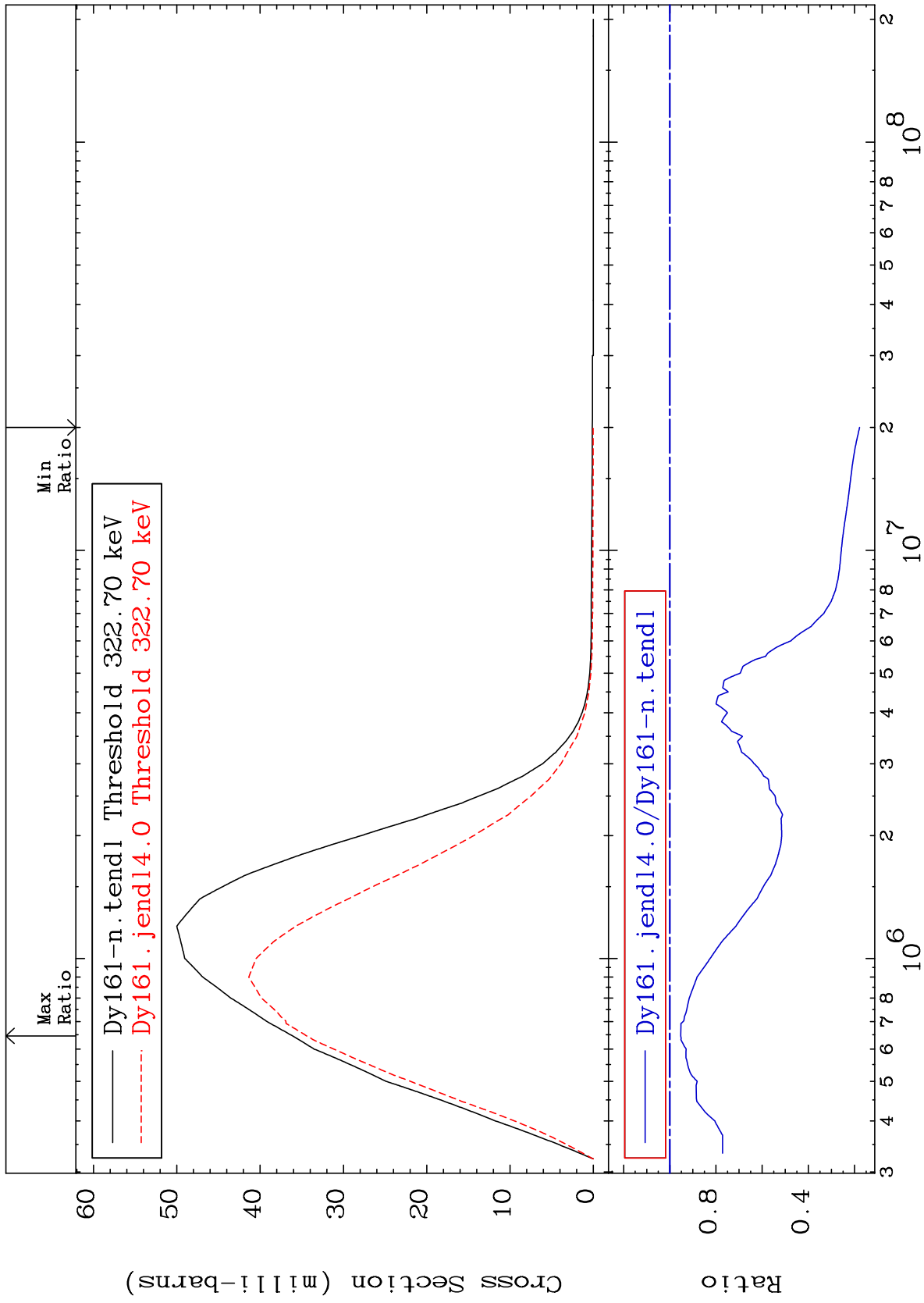
MAT 6640

314.9 keV (n,n') Level
Cross Section

66-Dy-161
-92.35 To 279.8 %



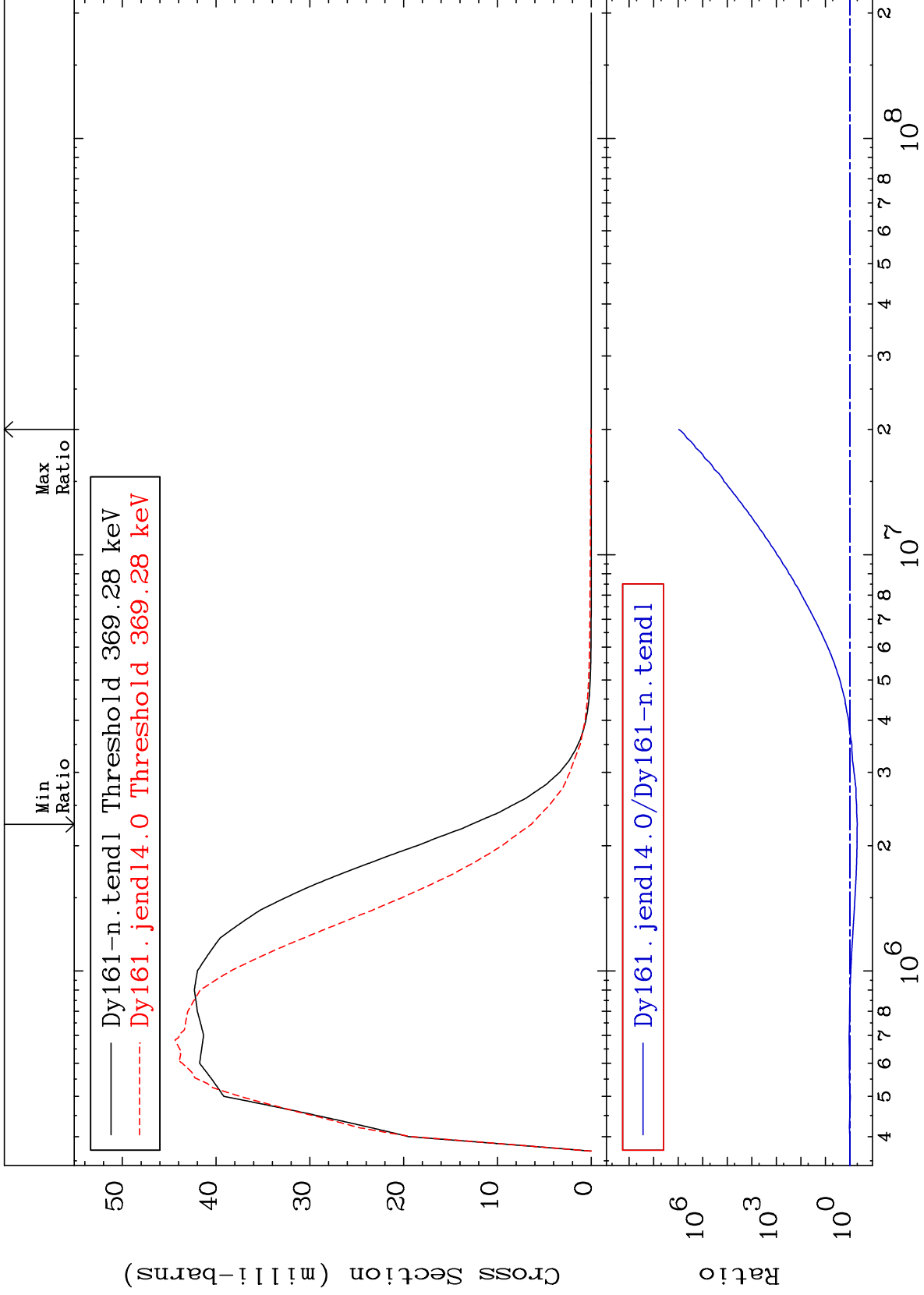
MAT 6640 320.7 keV (n,n') Level 66-Dy-161
 Cross Section -82.15 To -4.748%



MAT 6640

367.0 keV (n,n') Level
Cross Section

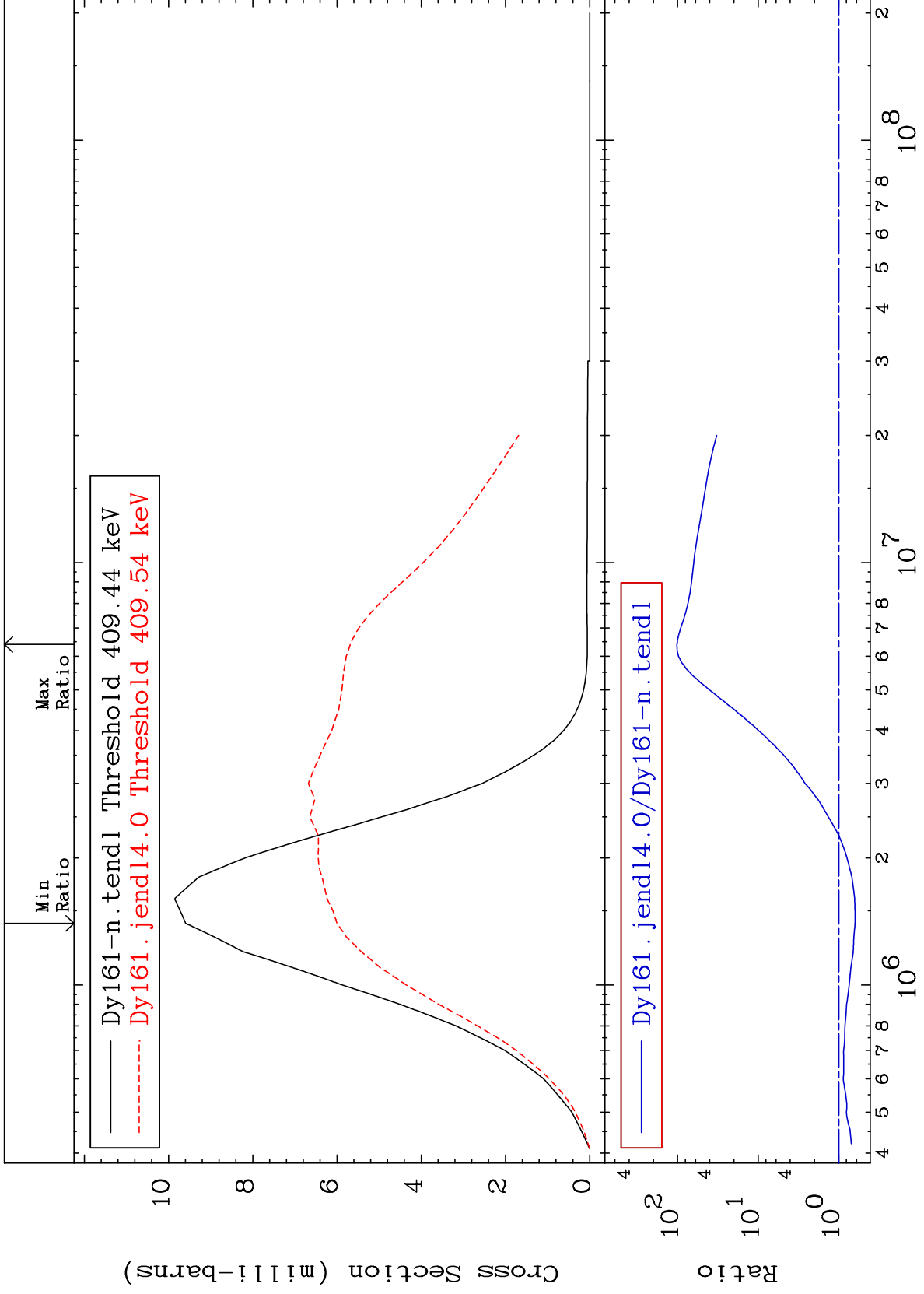
66-Dy-161
-49.99 To 9999. %



MAT 6640

406.9 keV (n,n') Level
Cross Section

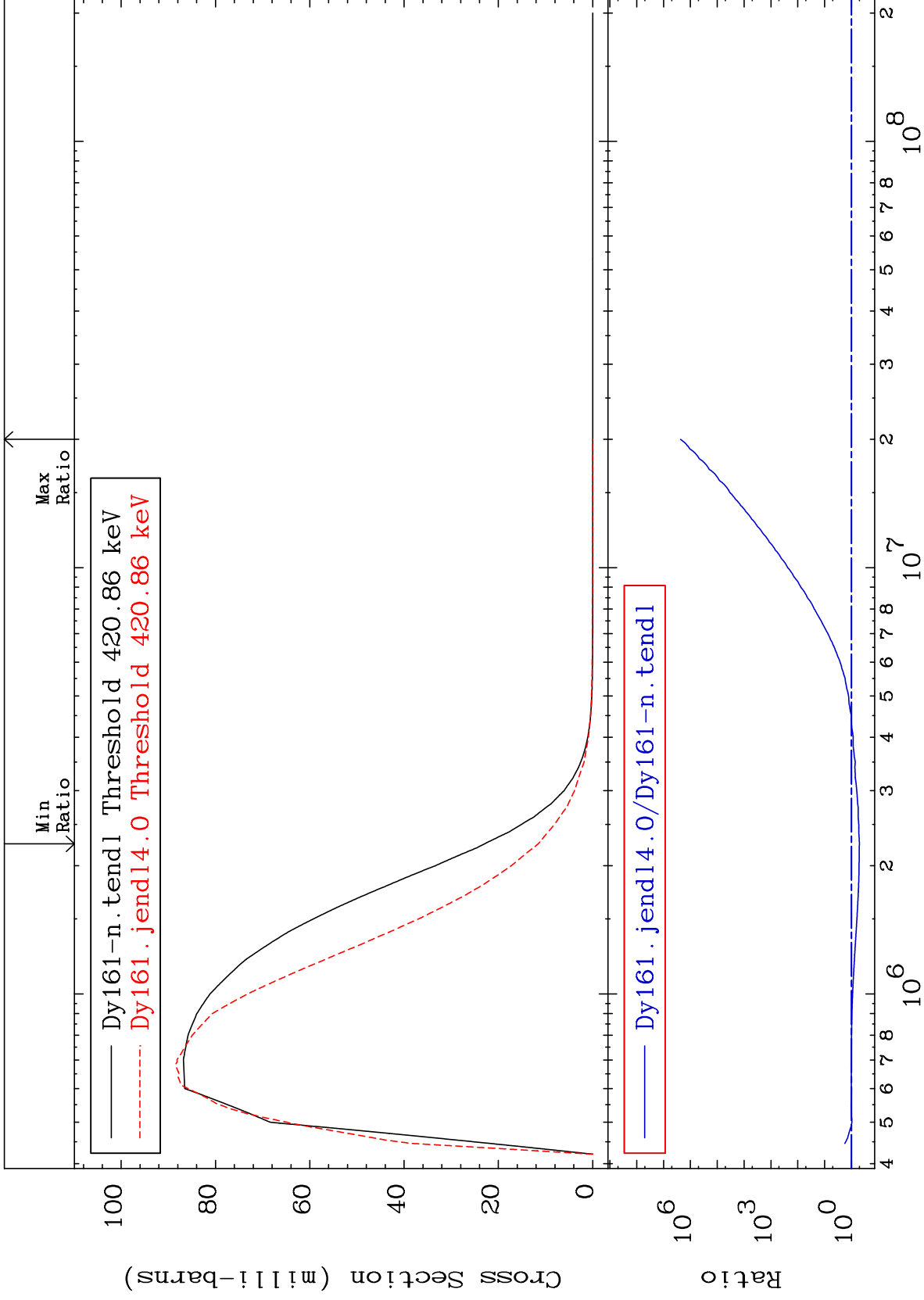
66-Dy-161
-37.47 To 9999. %



MAT 6640

418.2 keV (n,n') Level
Cross Section

66-Dy-161
-49.76 To 9999. %



26

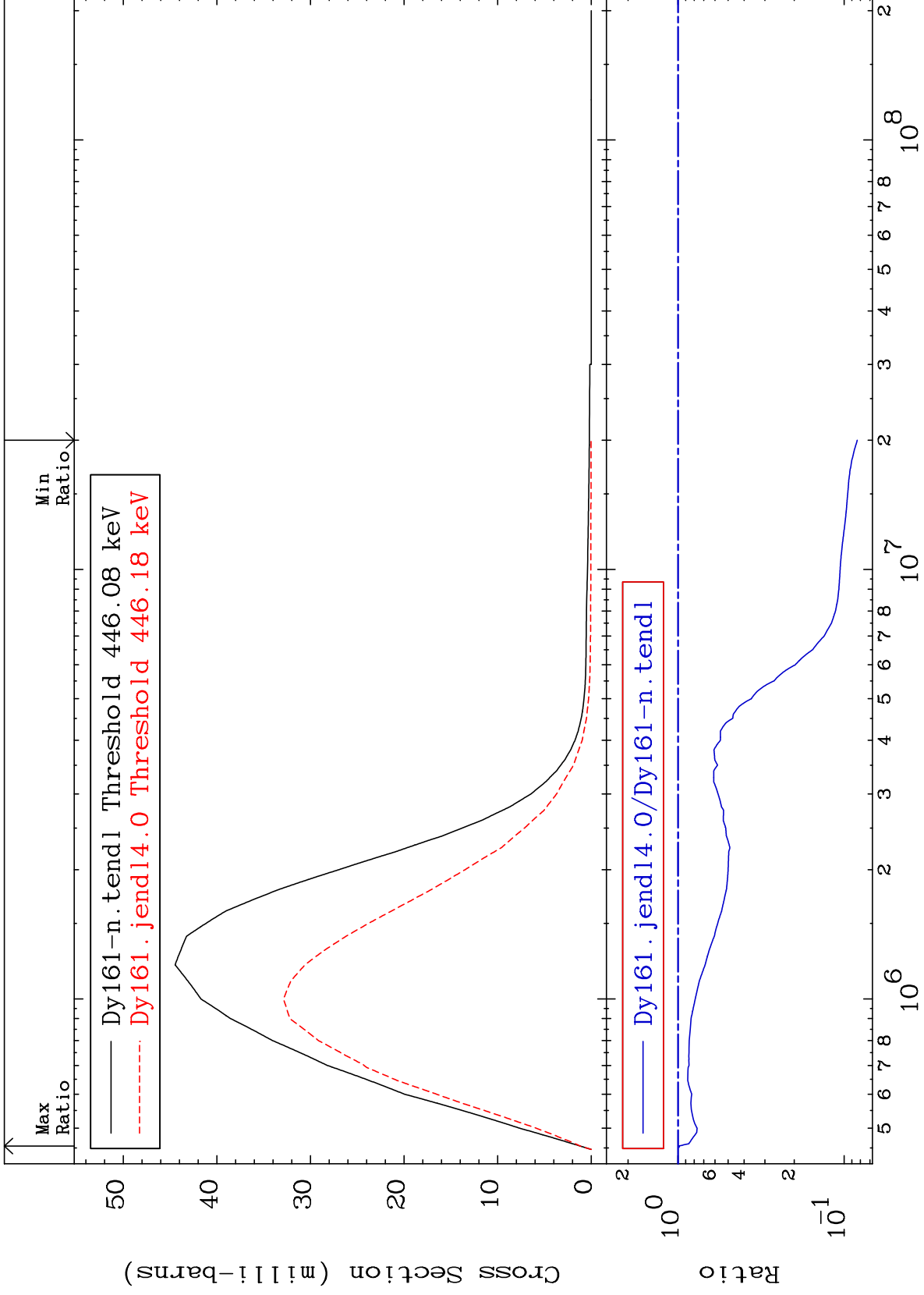
Incident Energy (eV)

66-Dy-161

MAT 6640

443.3 keV (n,n') Level
Cross Section

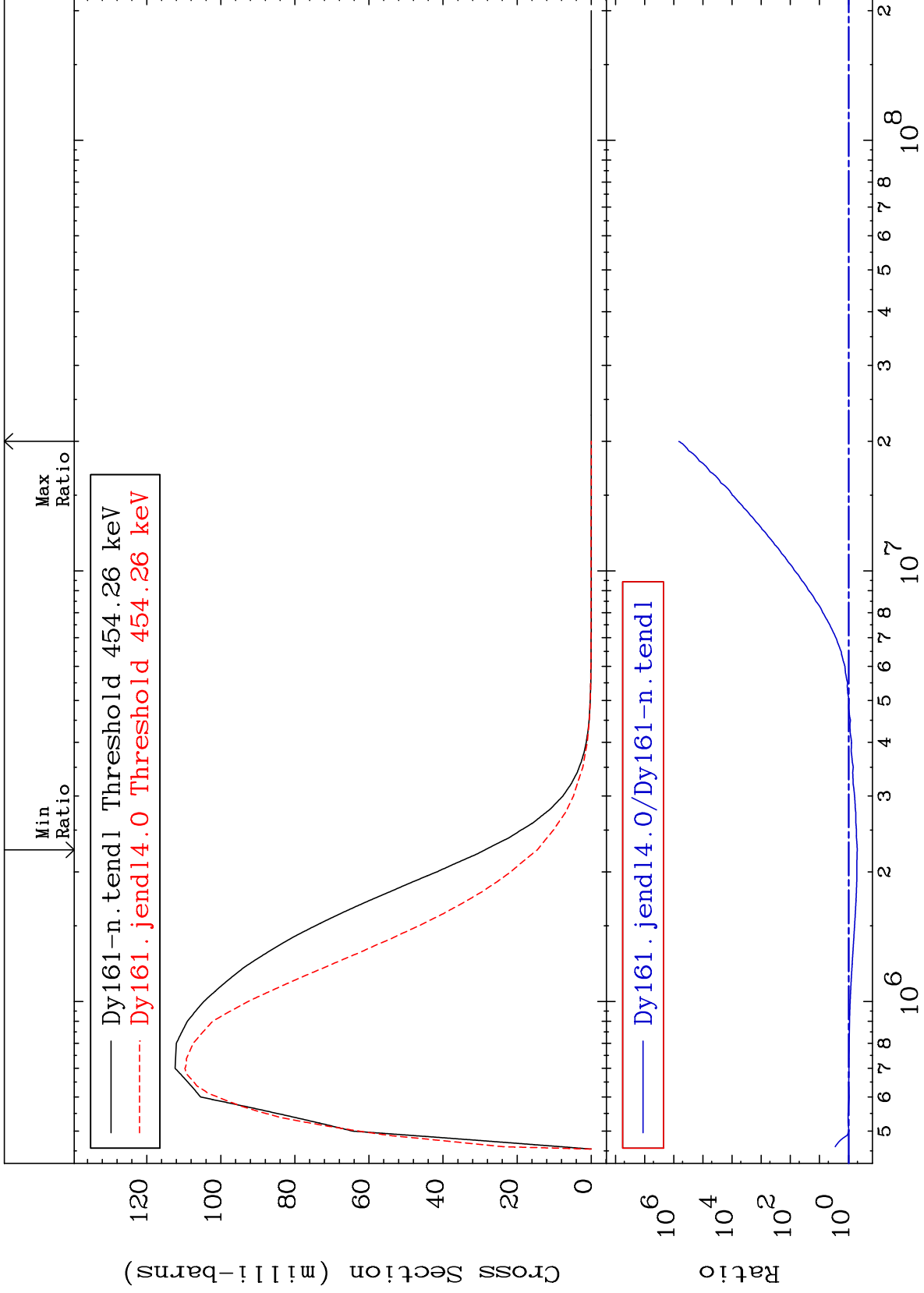
66-Dy-161
-91.65 To -0.790%



MAT 6640

451.4 keV (n,n') Level
Cross Section

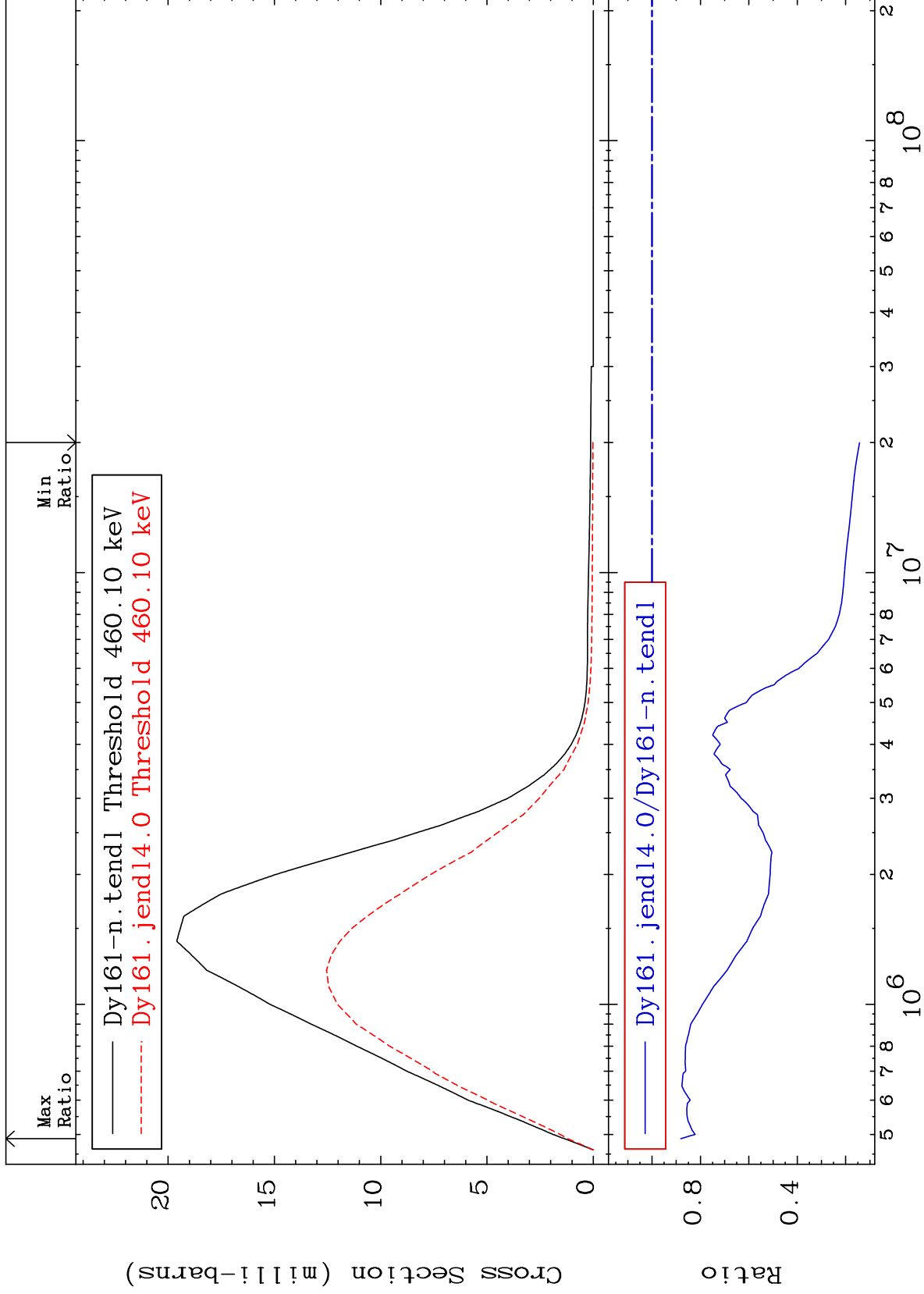
66-Dy-161
-49.39 To 9999. %



MAT 6640

457.2 keV (n,n') Level
Cross Section

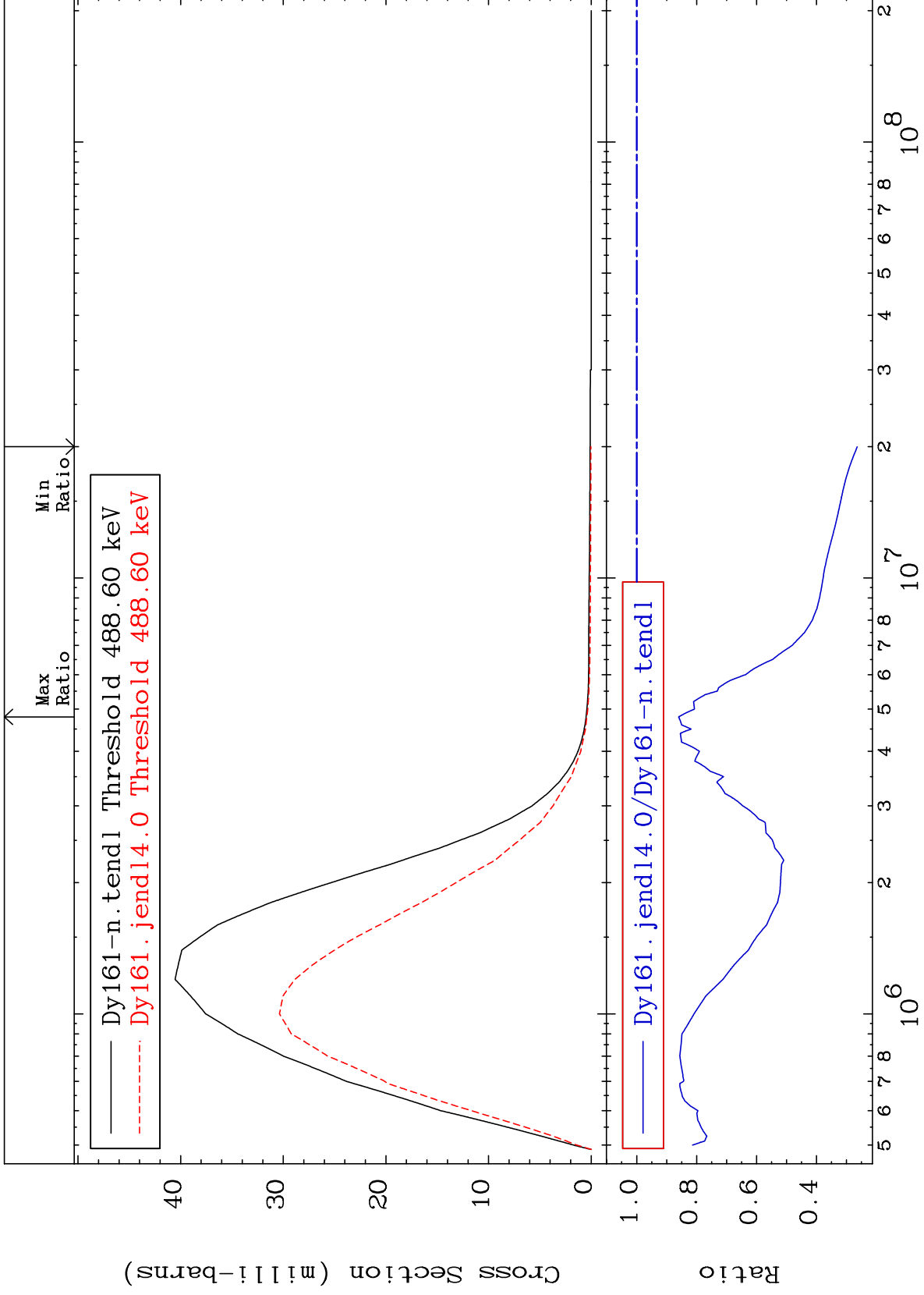
66-Dy-161
-85.73 To -11.87%



MAT 6640

485.6 keV (n,n') Level
Cross Section

66-Dy-161
-73.64 To -14.01%



30

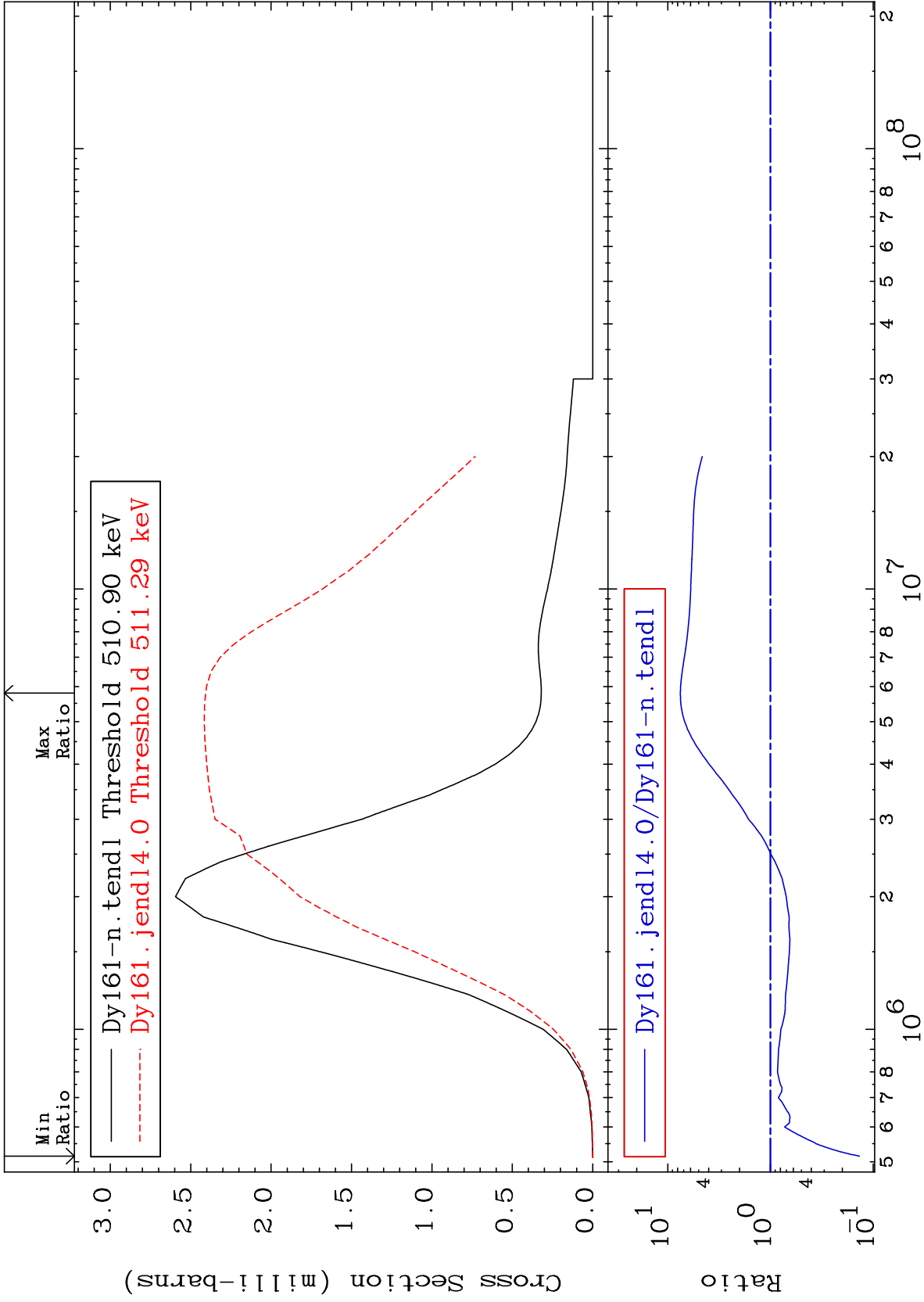
Incident Energy (eV)

66-Dy-161

MAT 6640

507.7 keV (n,n') Level
Cross Section

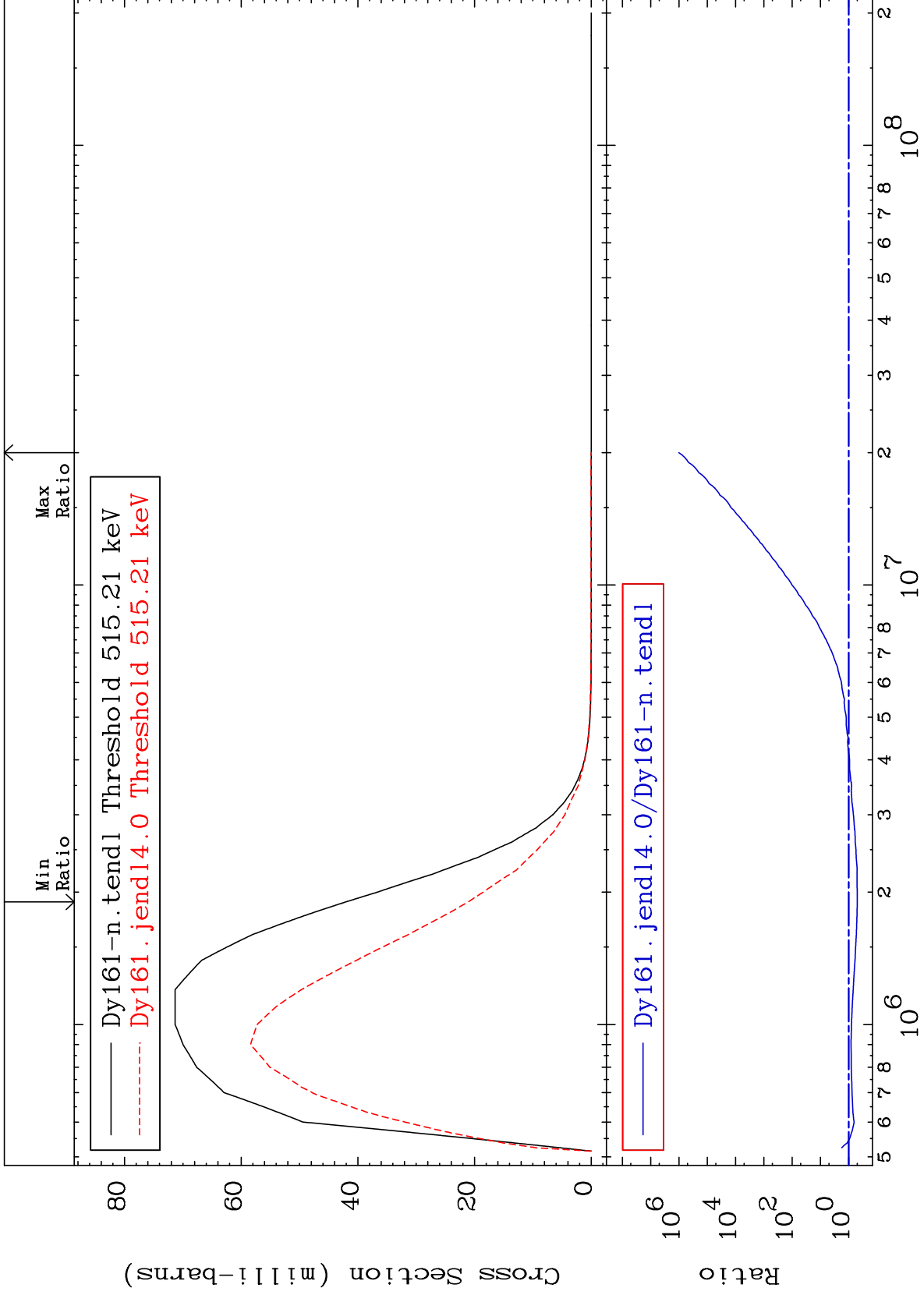
66-Dy-161
-86.39 To 653.1 %



MAT 6640

512.0 keV (n,n') Level
Cross Section

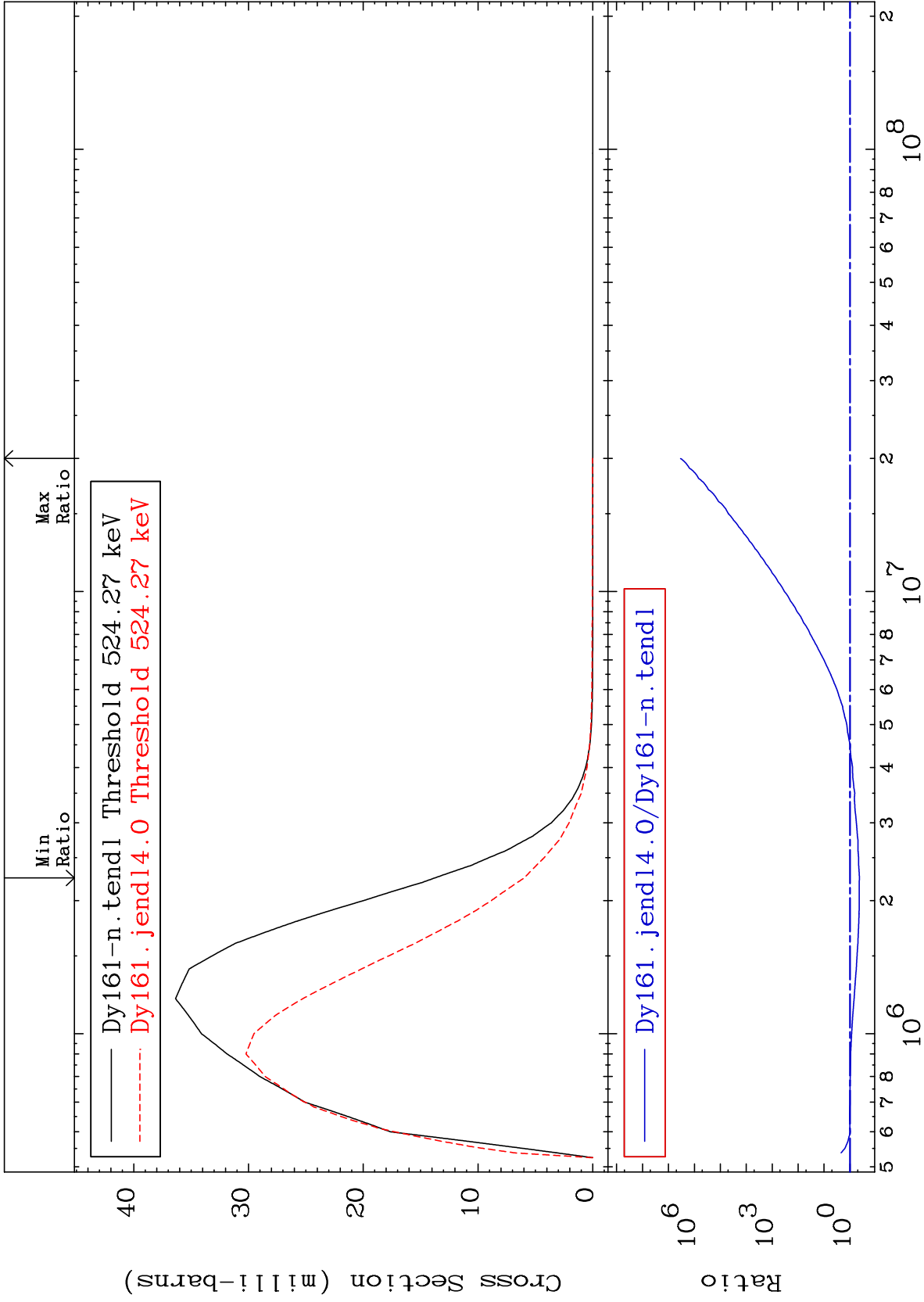
66-Dy-161
-49.81 To 9999. %



MAT 6640

521.0 keV (n,n') Level
Cross Section

66-Dy-161
-56.68 To 9999. %



33

Incident Energy (eV)

66-Dy-161

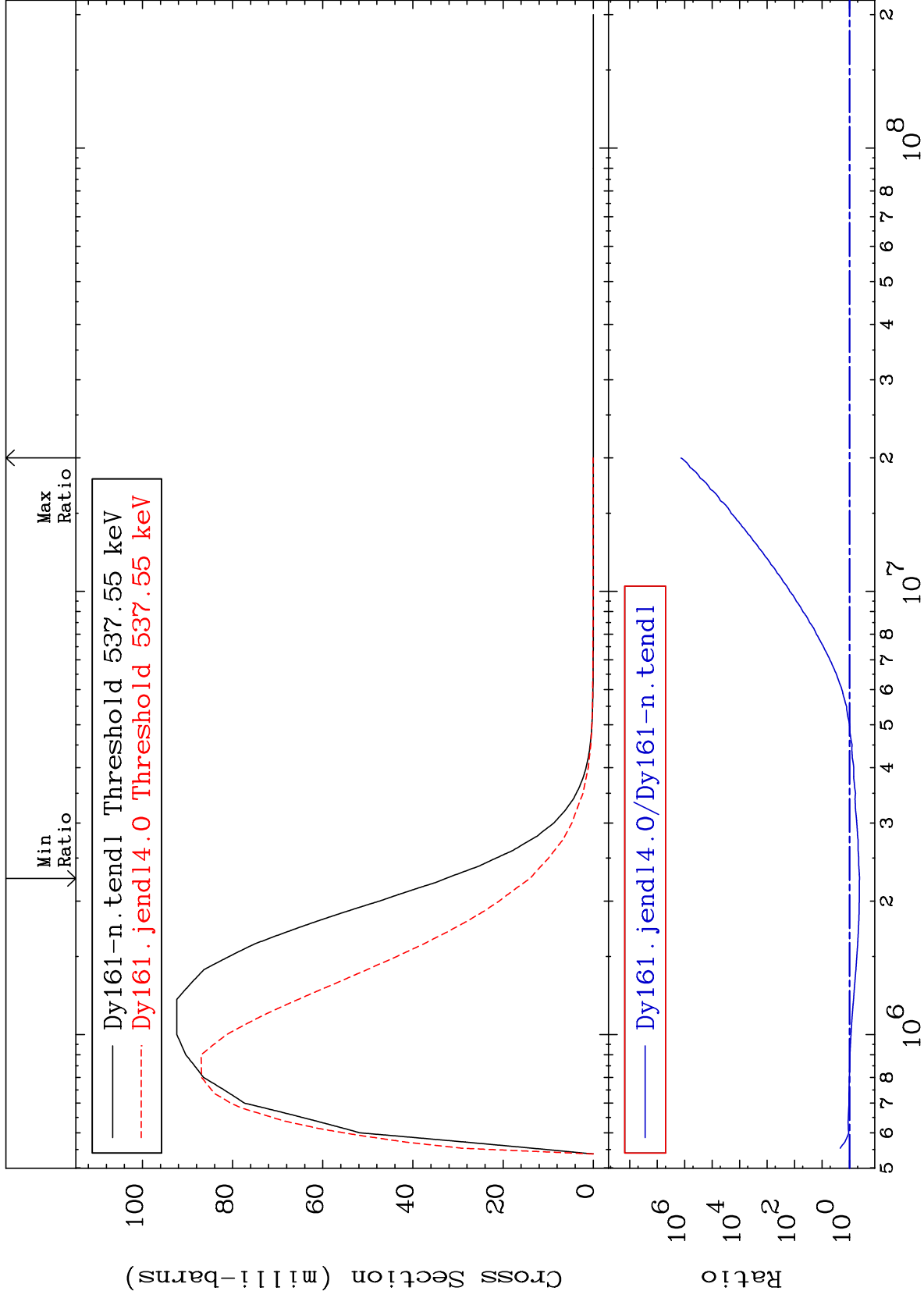
MAT 6640

534.2 keV (n,n') Level

66-Dy-161

-57.09 To 9999. %

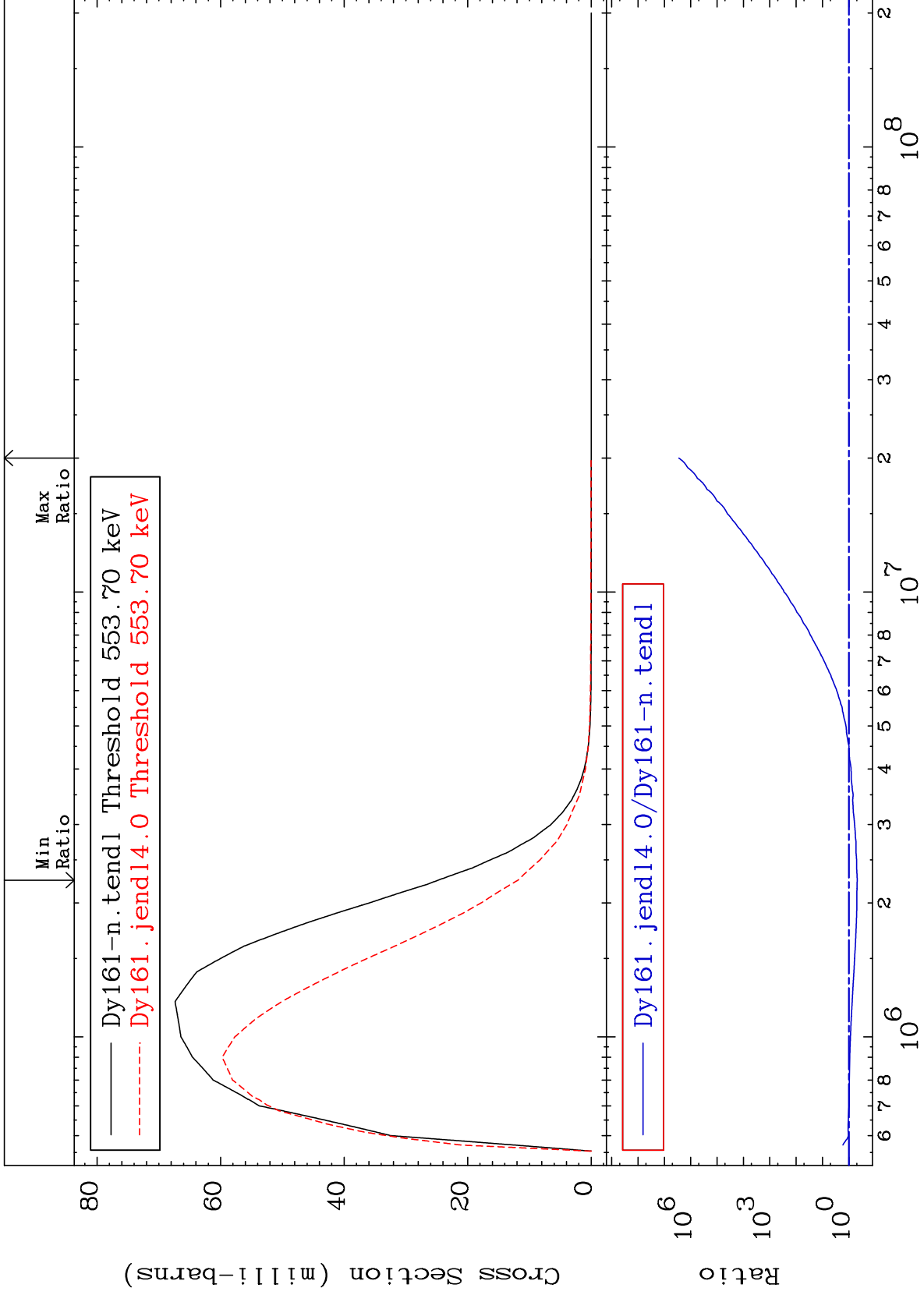
Cross Section



MAT 6640

550.3 keV (n,n') Level
Cross Section

66-Dy-161
-52.12 To 9999. %



35

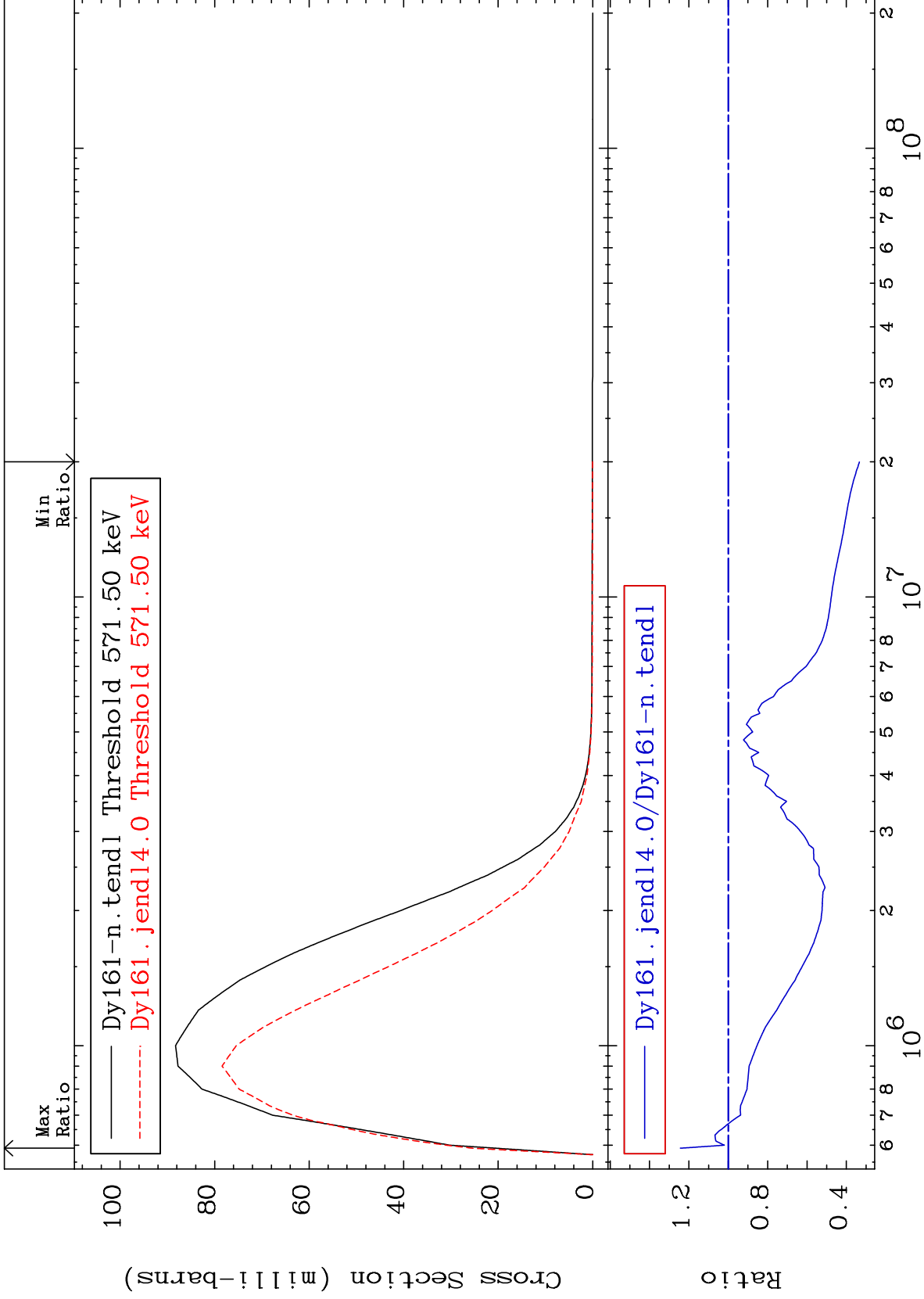
66-Dy-161

66-Dy-161

MAT 6640

567.9 keV (n,n') Level
Cross Section

66-Dy-161
-66.63 To 24.34 %



36

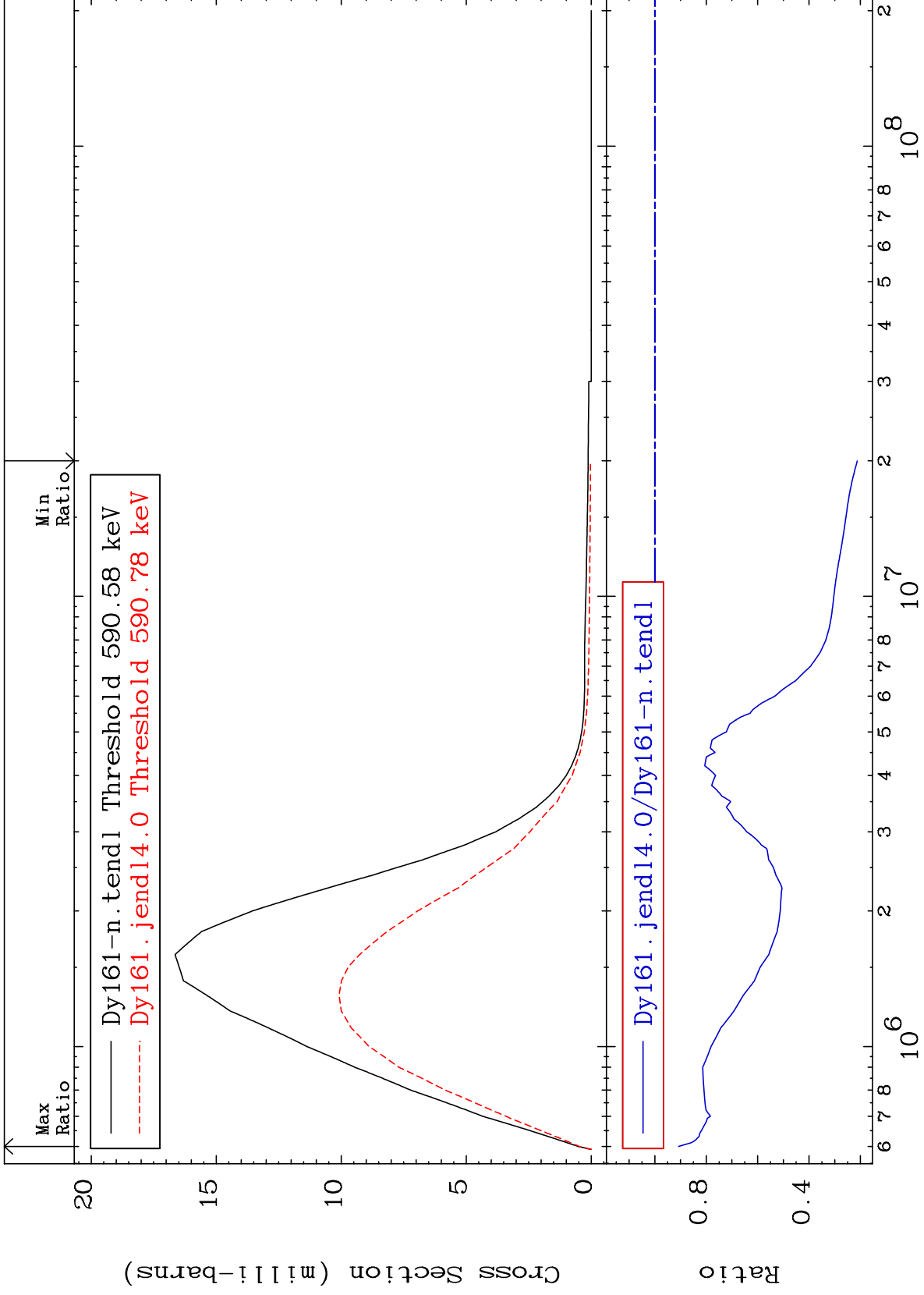
66-Dy-161

66-Dy-161

MAT 6640

586.9 keV (n,n') Level
Cross Section

66-Dy-161
-78.76 To -9.276%



37

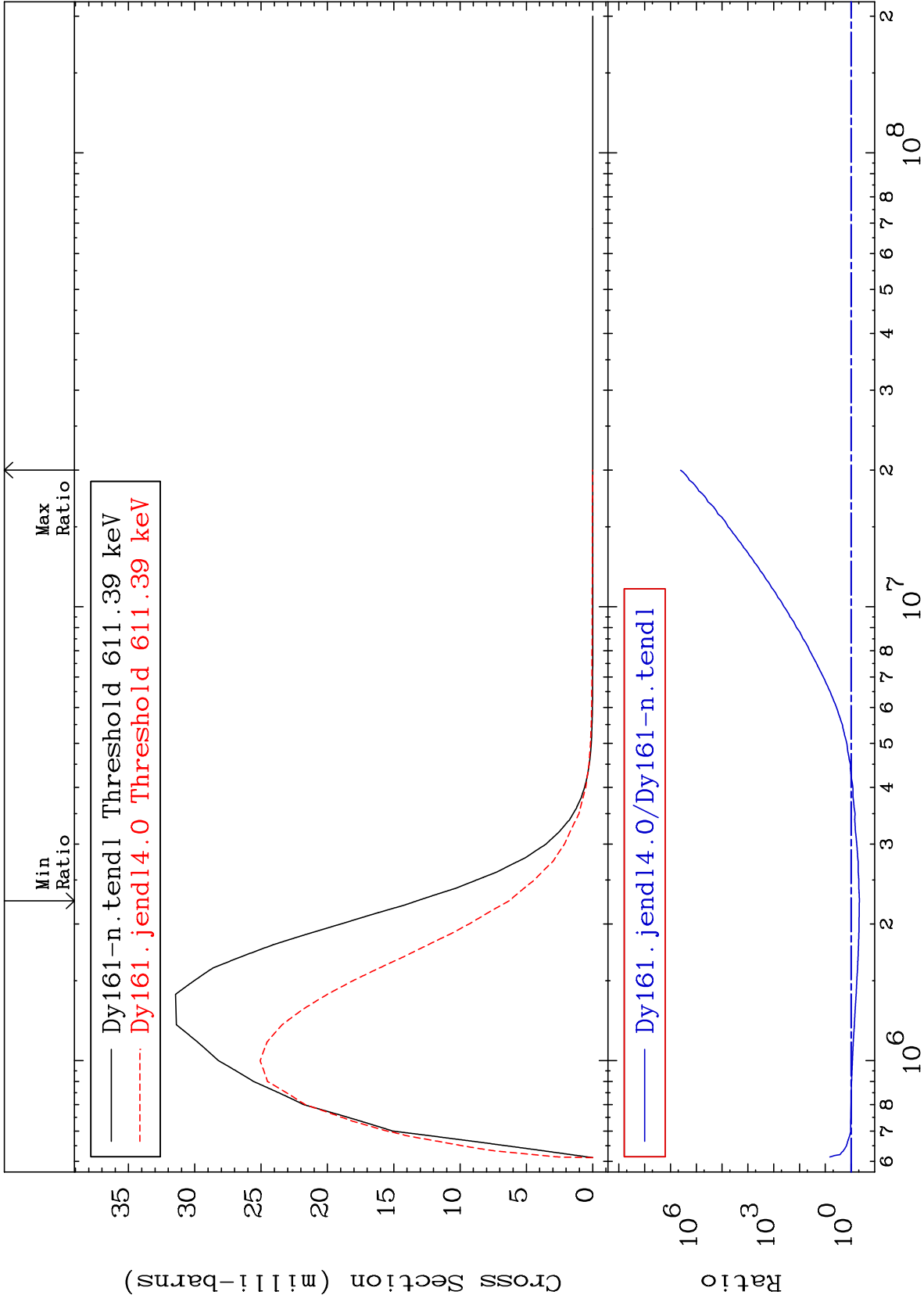
Incident Energy (eV)

66-Dy-161

MAT 6640

607.6 keV (n,n') Level
Cross Section

66-Dy-161
-52.48 To 9999. %



38

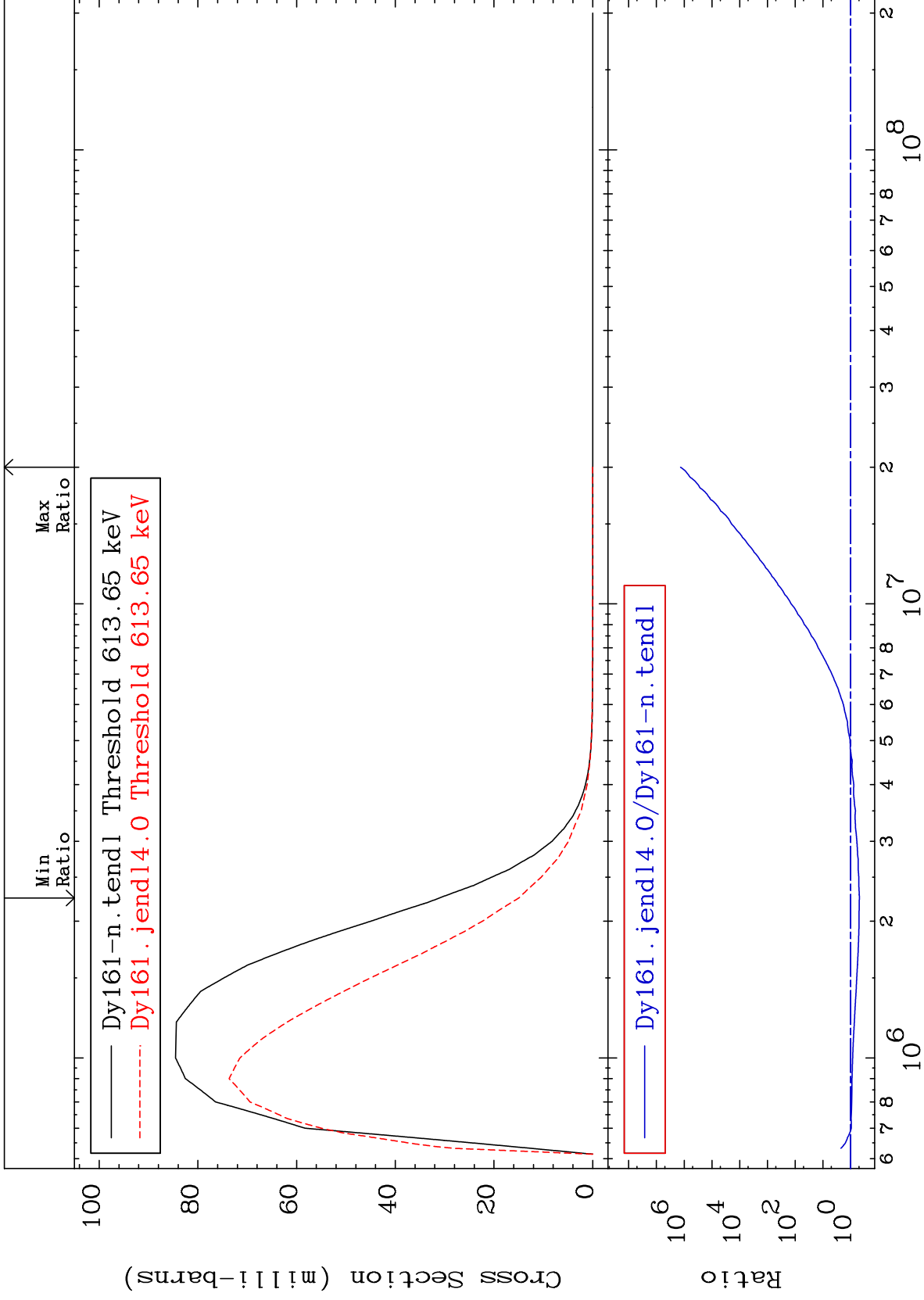
Incident Energy (eV)

66-Dy-161

MAT 6640

609.8 keV (n,n') Level
Cross Section

66-Dy-161
-51.82 To 9999. %



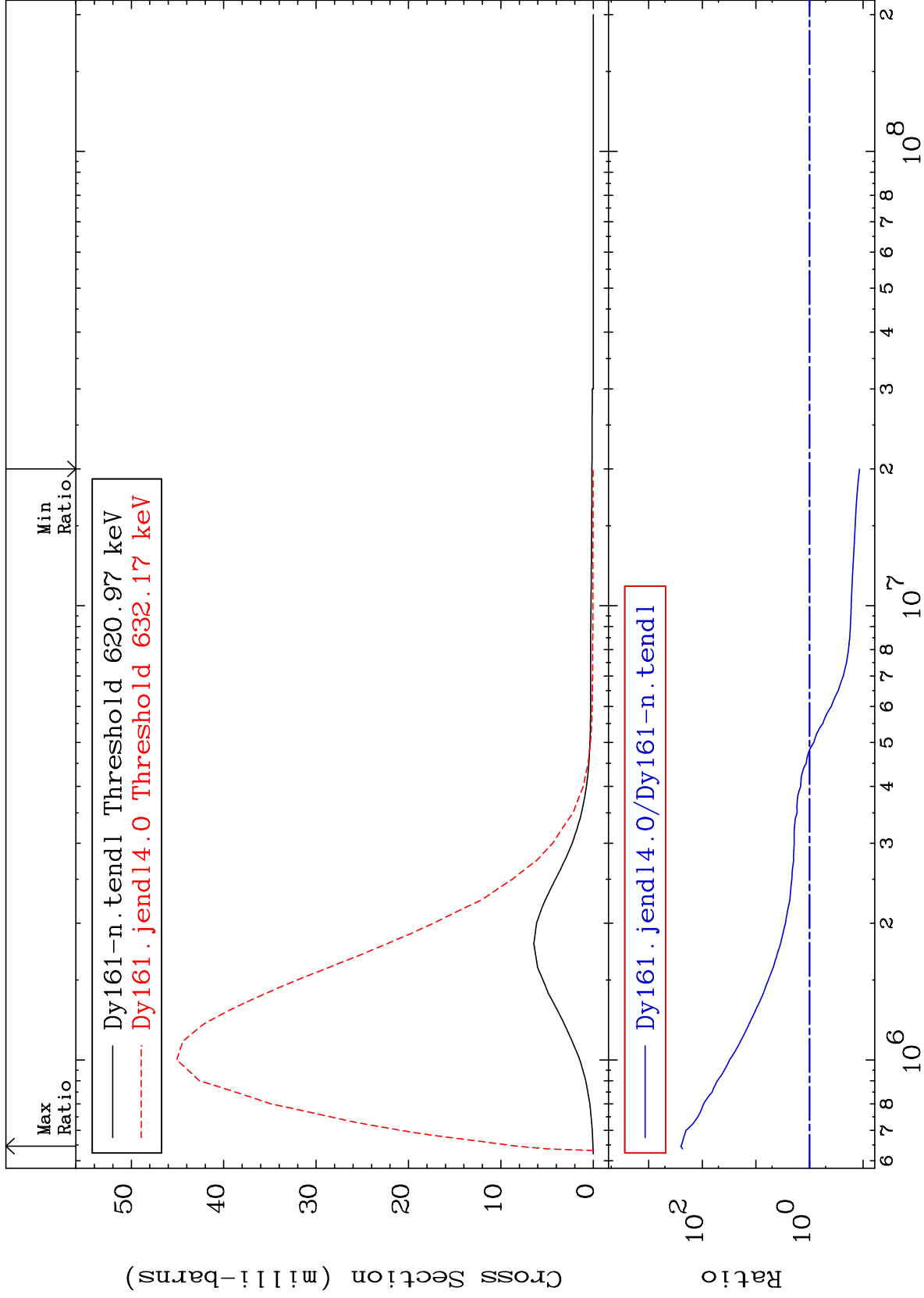
MAT 6640

617.1 keV (n,n') Level

66-Dy-161

-88.31 To 9999. %

Cross Section



40

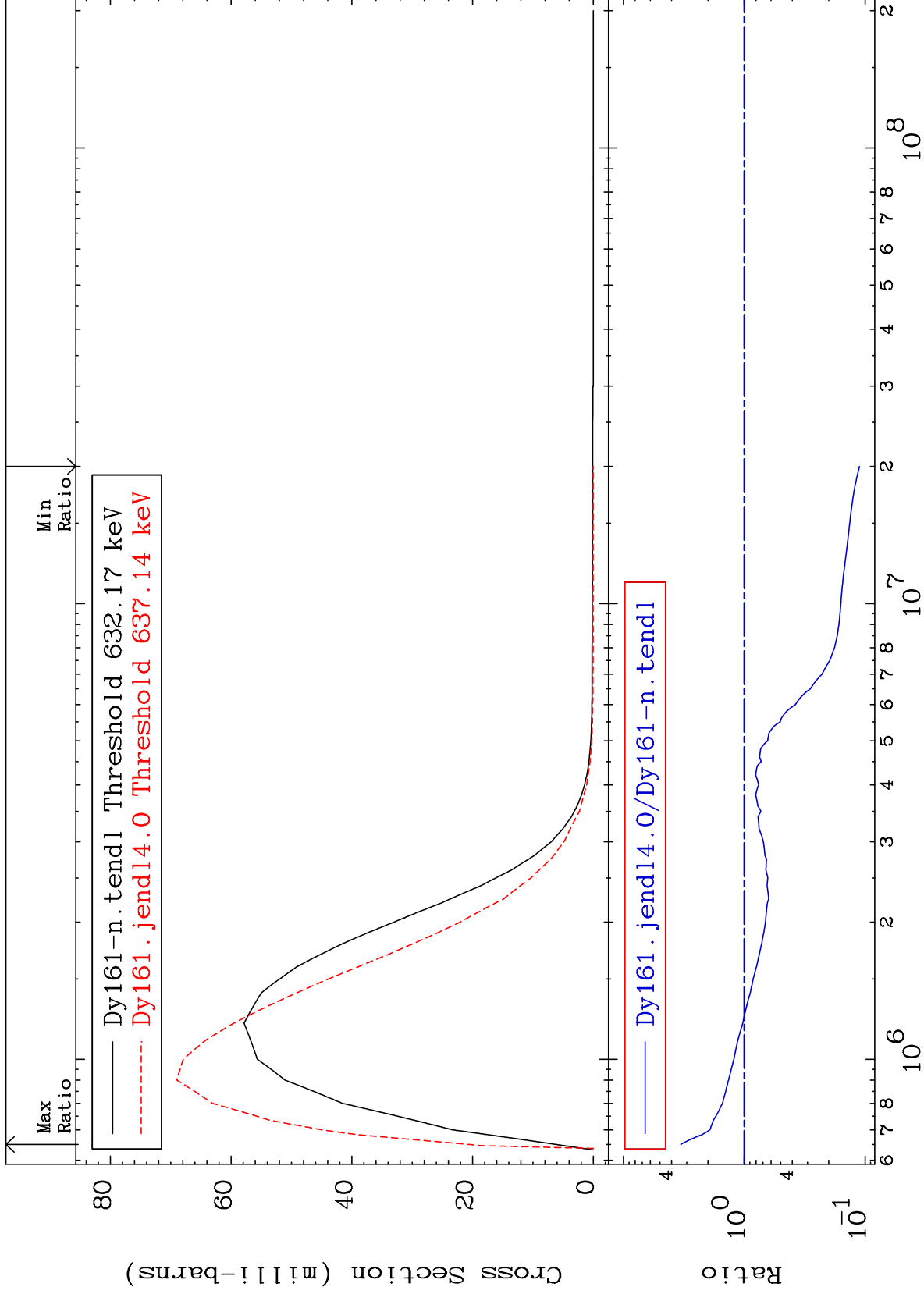
66-Dy-161

66-Dy-161

MAT 6640

628.2 keV (n,n') Level
Cross Section

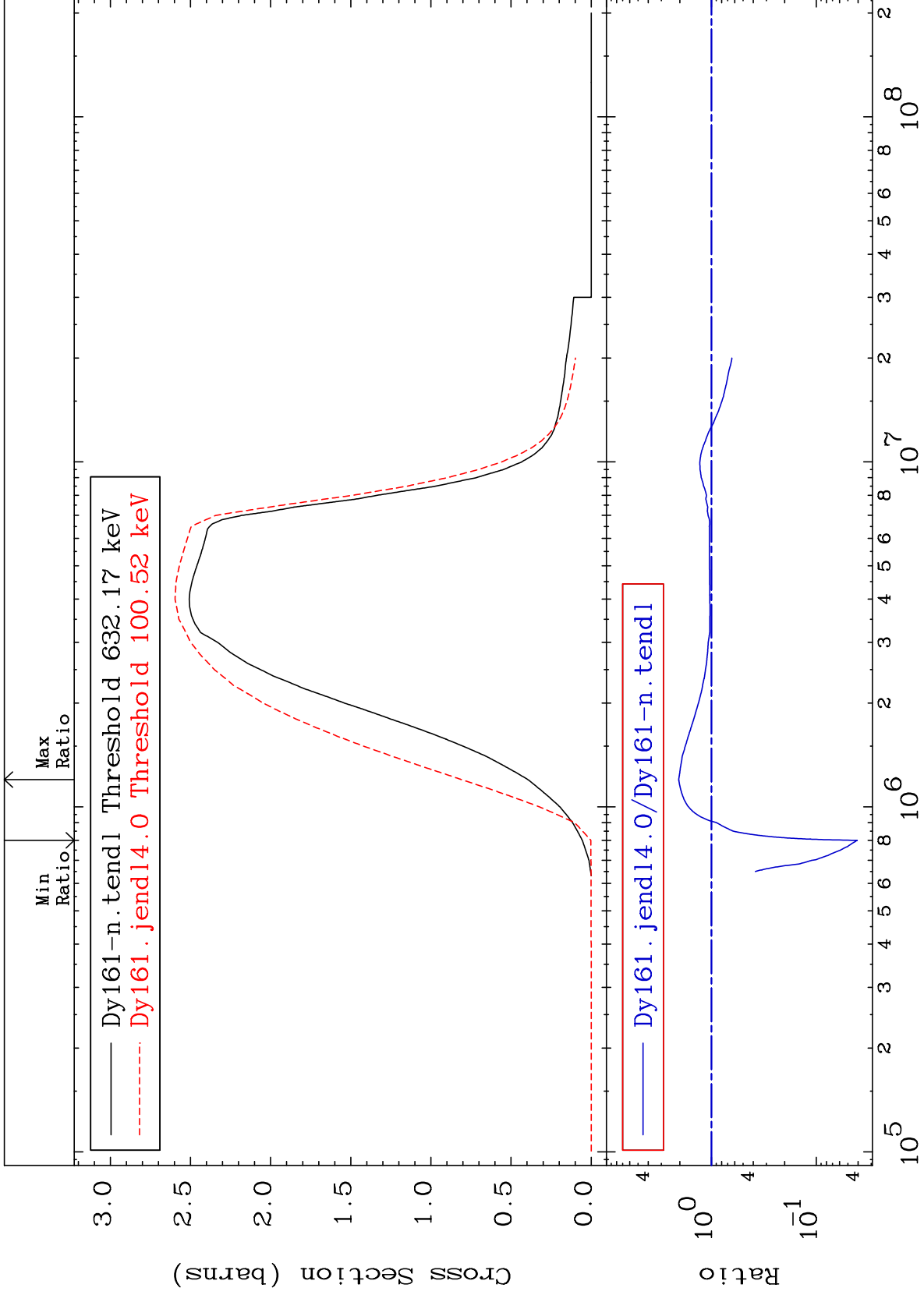
66-Dy-161
-88.87 To 235.7 %



MAT 6640

(n, n') Continuum
Cross Section

66-Dy-161
-95.92 To 105.2 %



Incident Energy (eV)

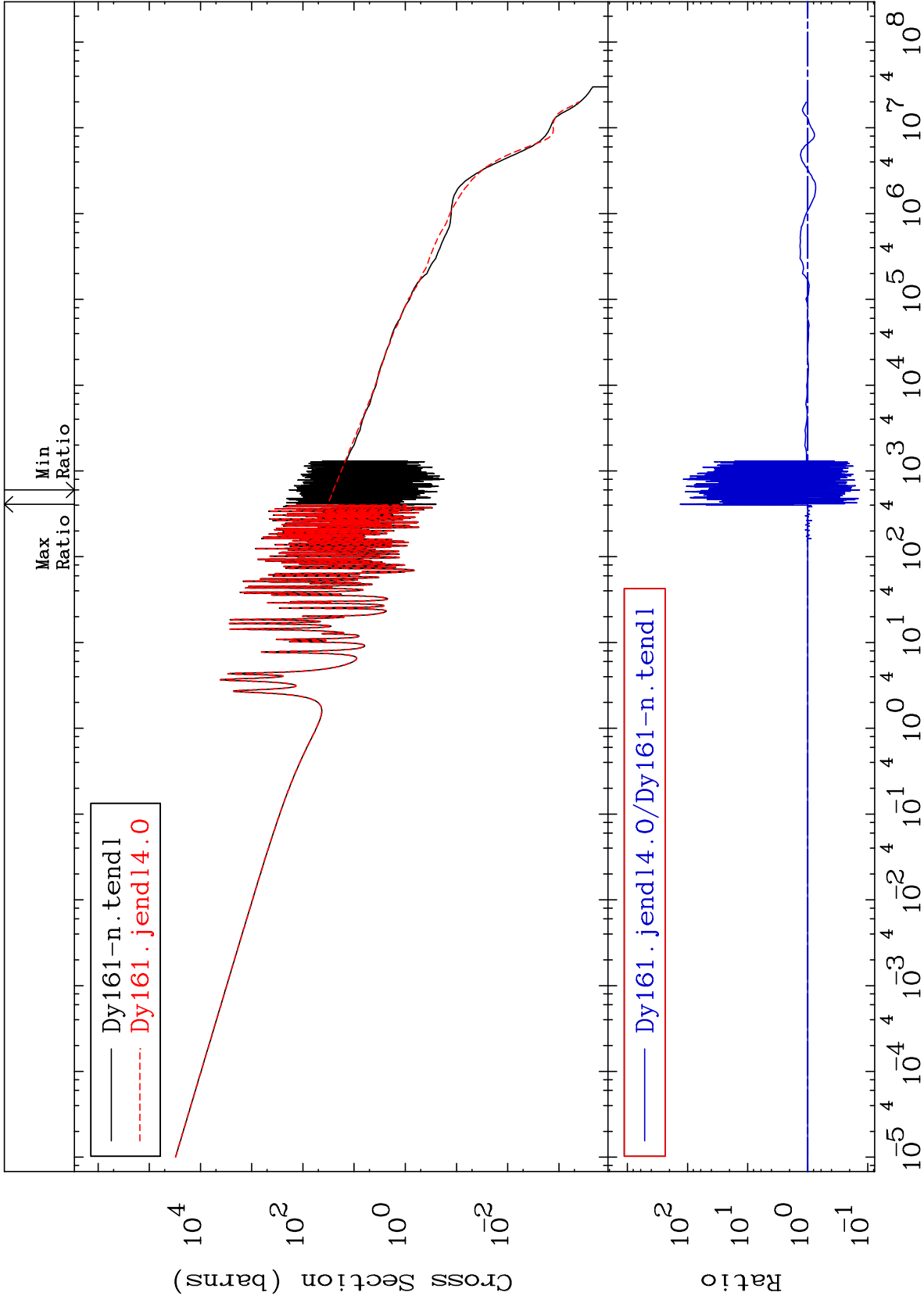
66-Dy-161

42

MAT 6640

(n, γ)
Cross Section

66-Dy-161
-86.25 To 9999. %



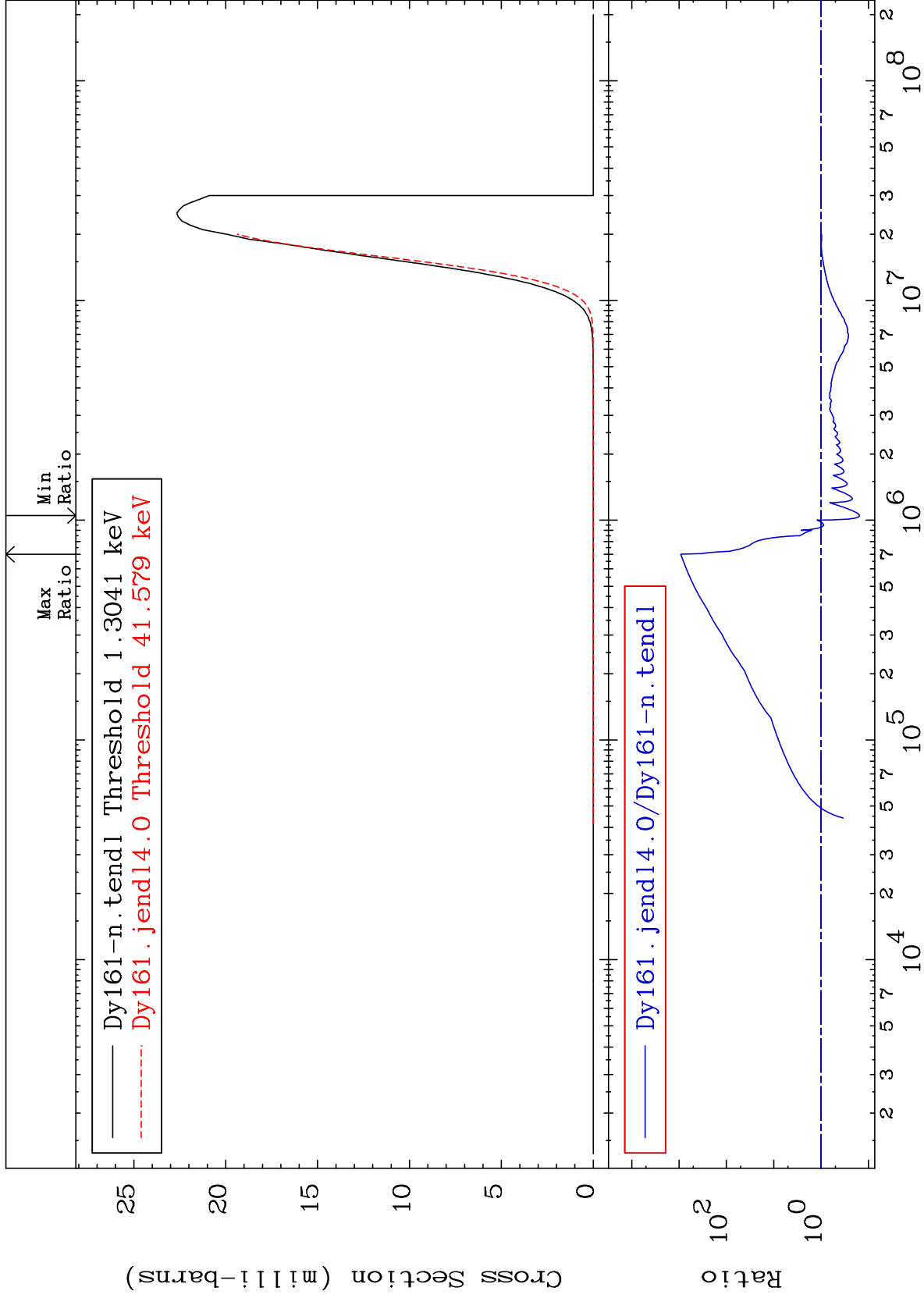
MAT 6640

(n, p)

66-Dy-161

Cross Section

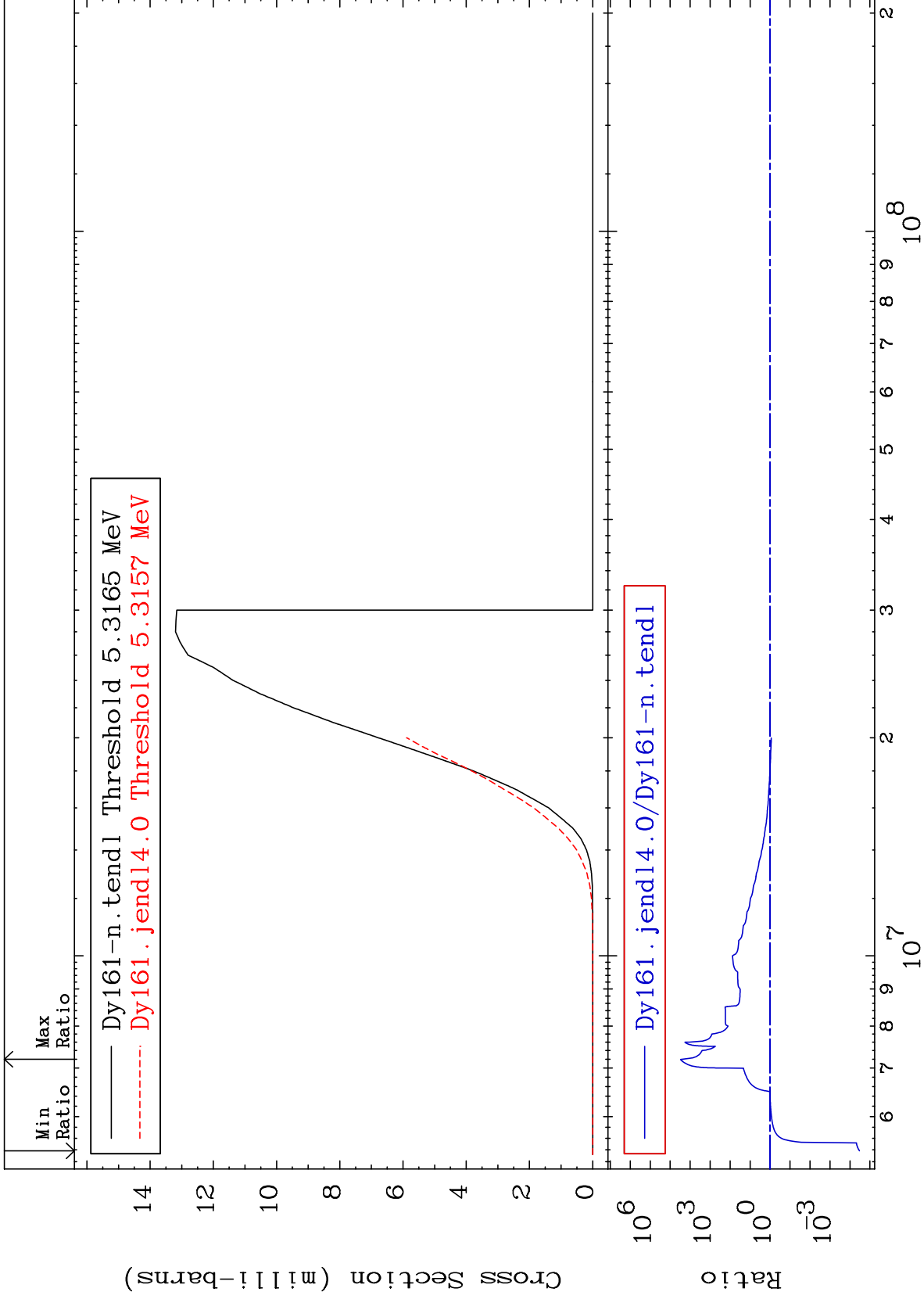
-84.60 To 9999. %



MAT 6640

(n, d)
Cross Section

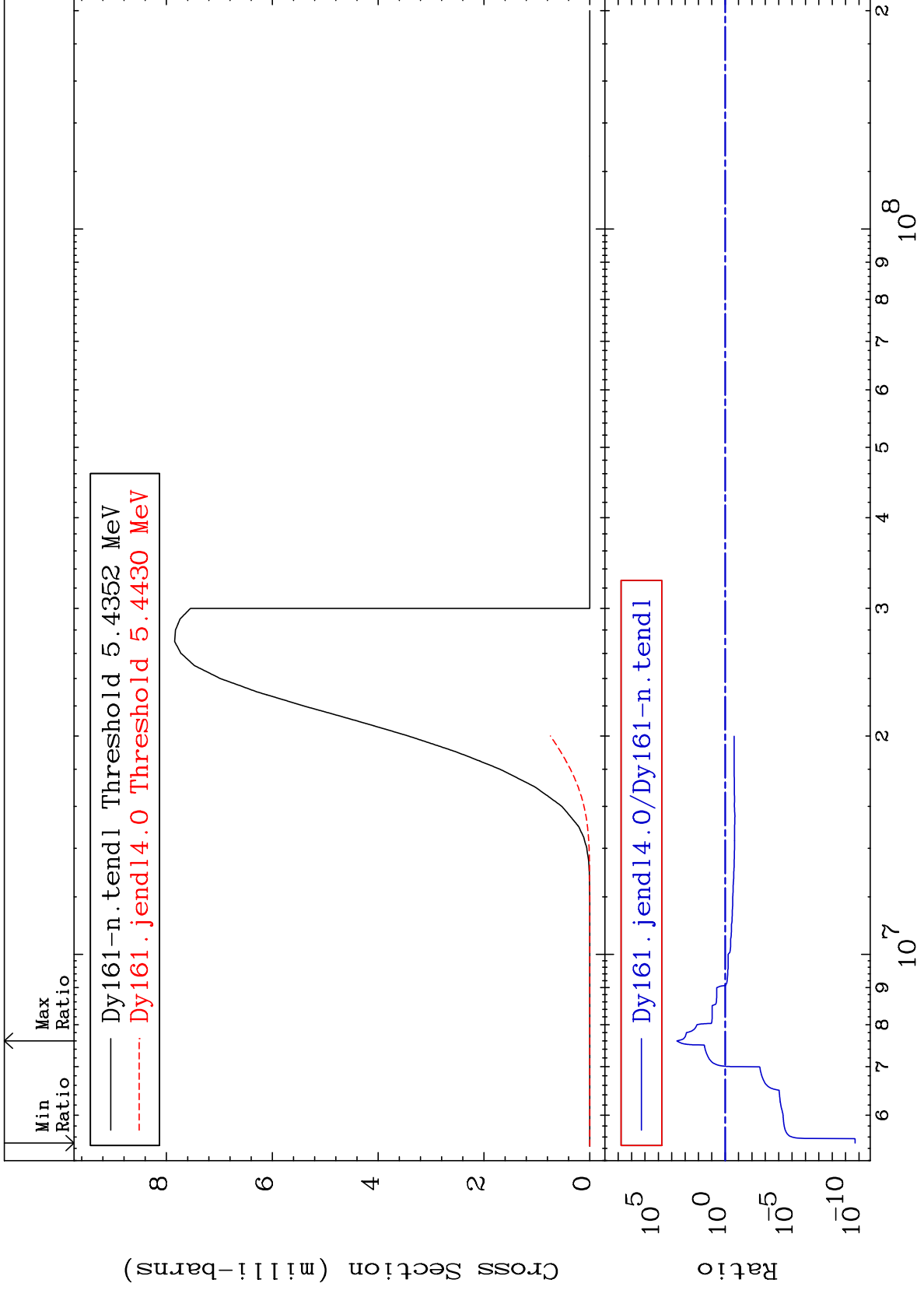
66-Dy-161
-100.0 To 9999. %



MAT 6640

(n, t)
Cross Section

66-Dy-161
-100.0 To 9999. %



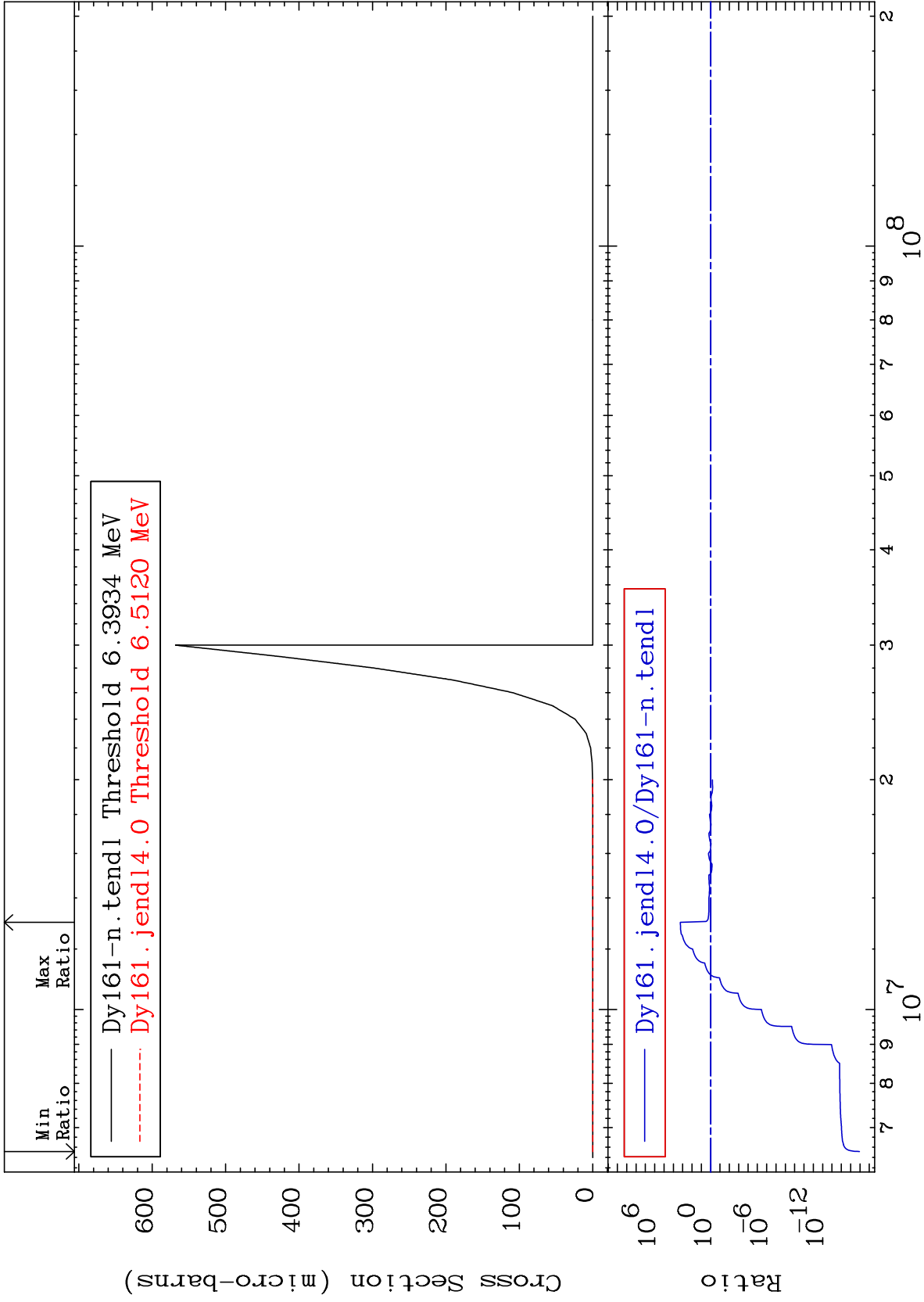
MAT 6640

(n, He-3)

66-Dy-161

Cross Section

-100.0 To 9999. %



47

66-Dy-161

66-Dy-161

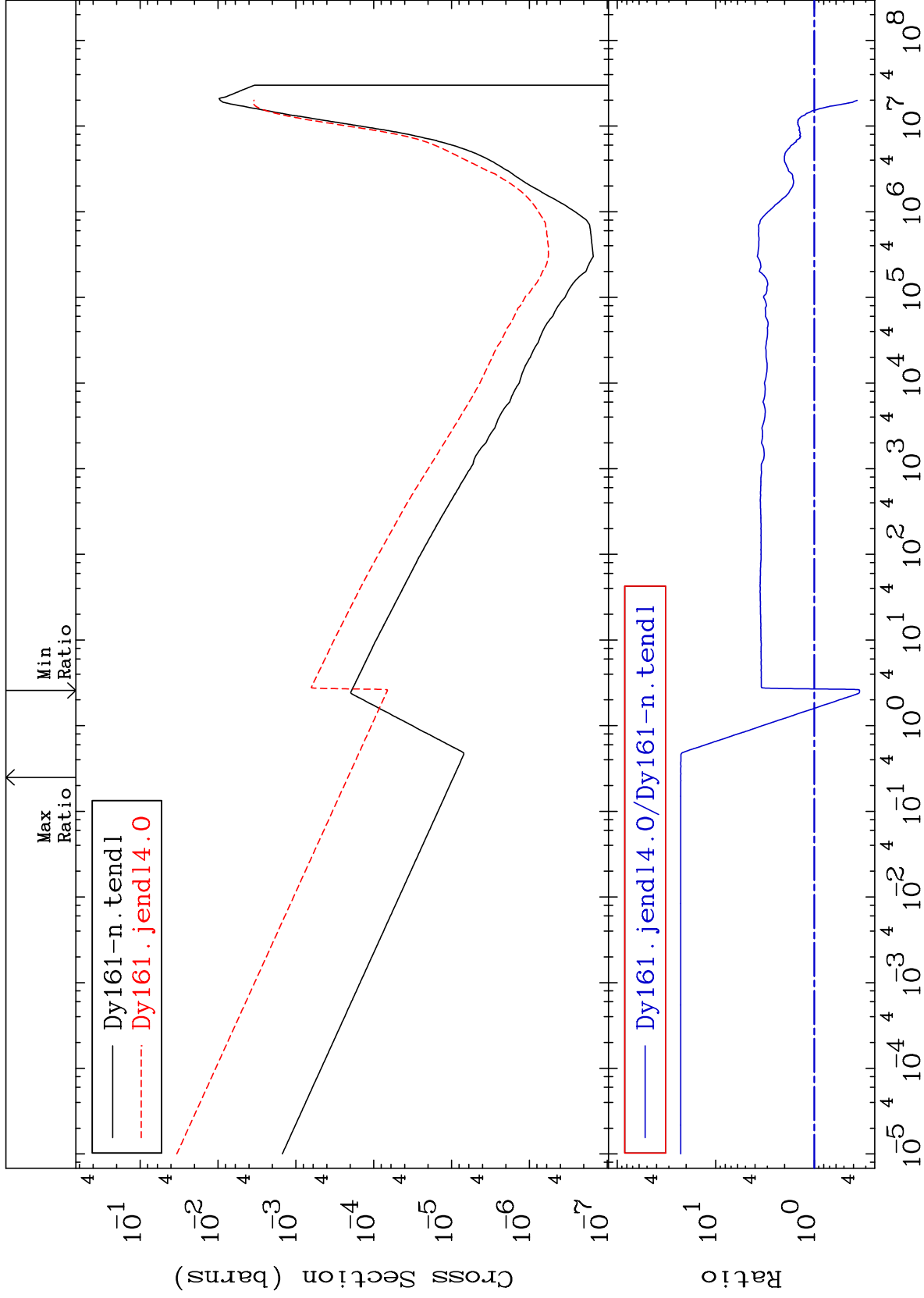
MAT 6640

(n, α)

66-Dy-161

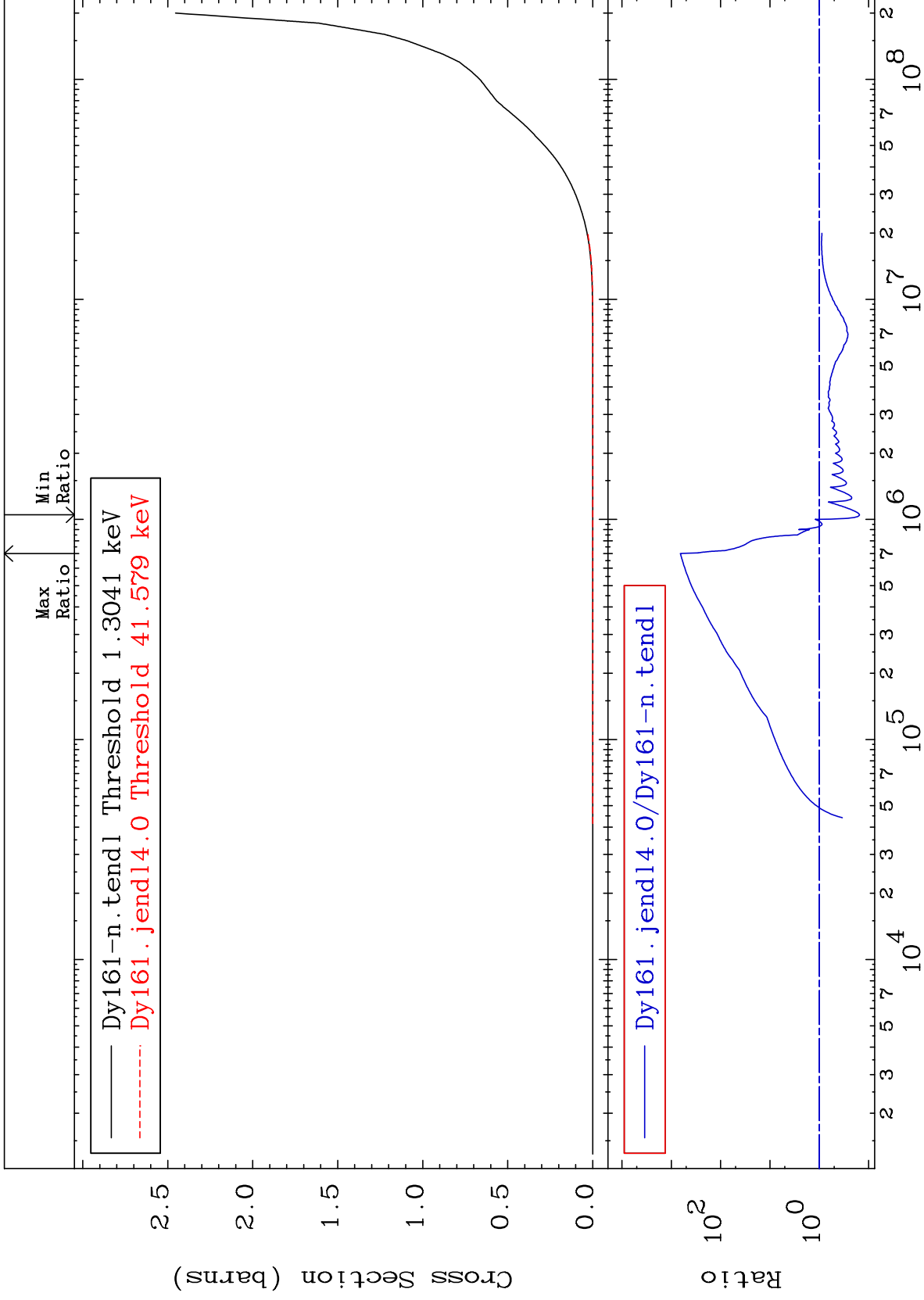
Cross Section

-65.30 To 2167. %



Incident Energy (eV)

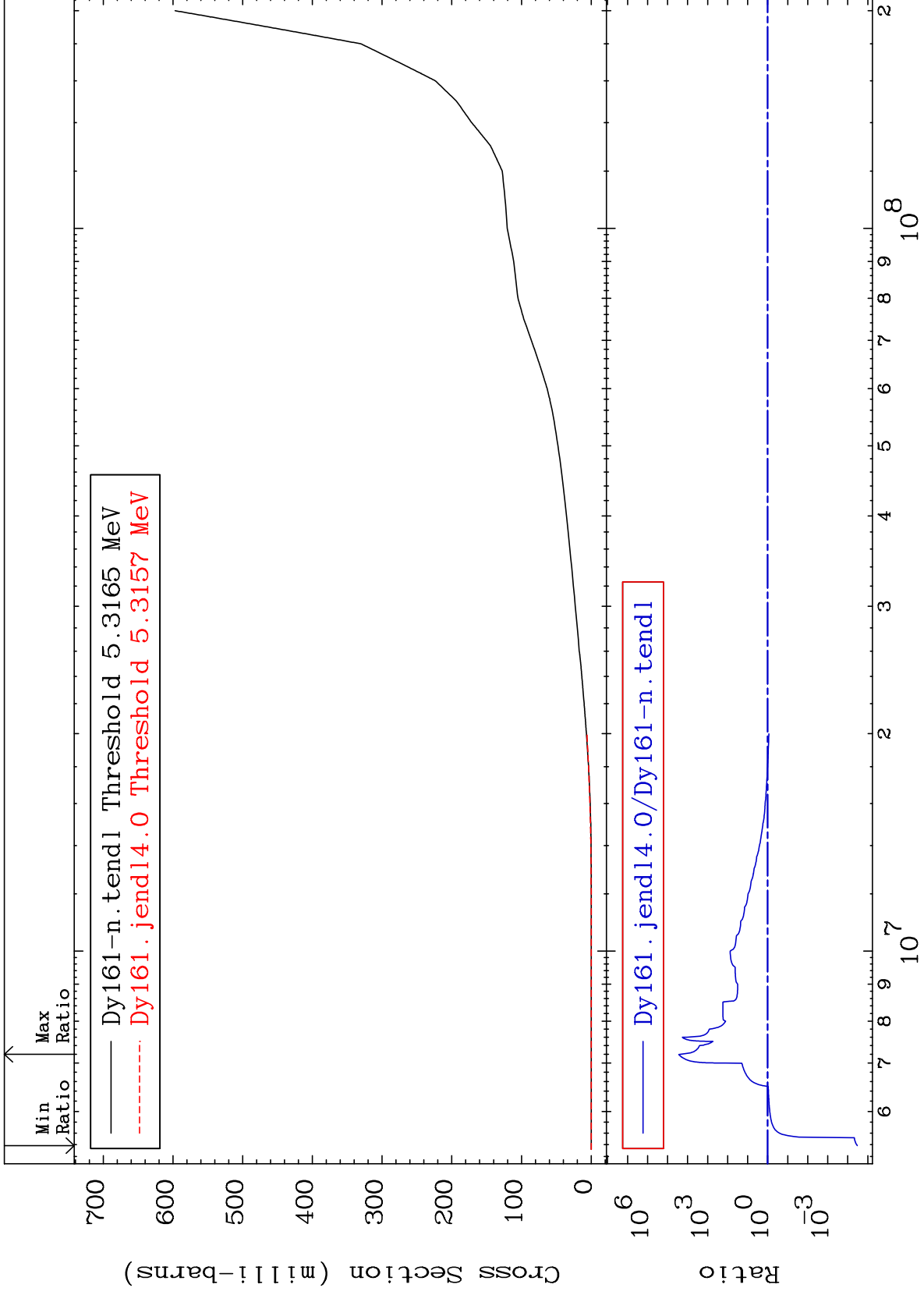
66-Dy-161



MAT 6640

Deuterium Production
Cross Section

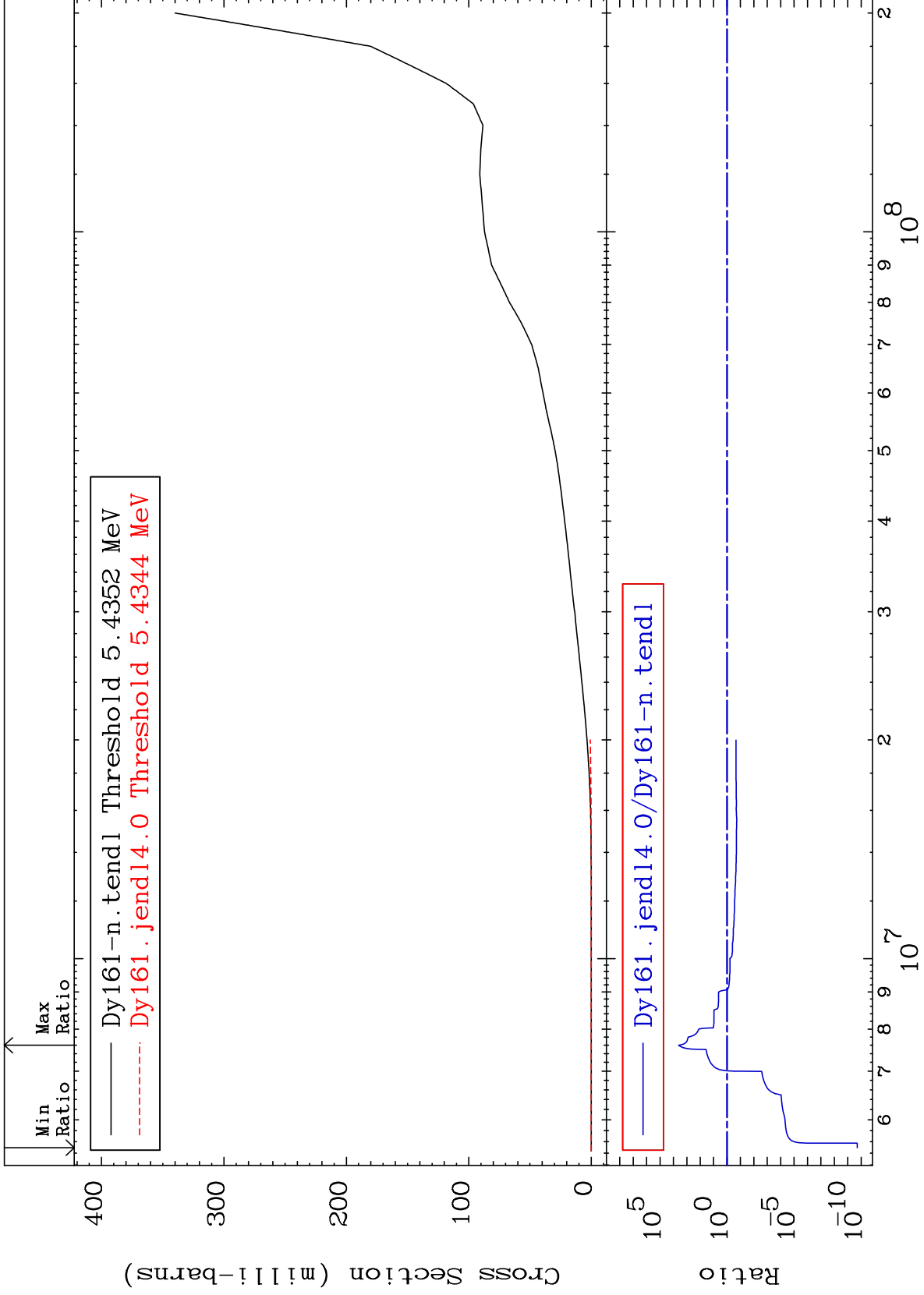
66-Dy-161
-100.0 To 9999. %



50

Incident Energy (eV)

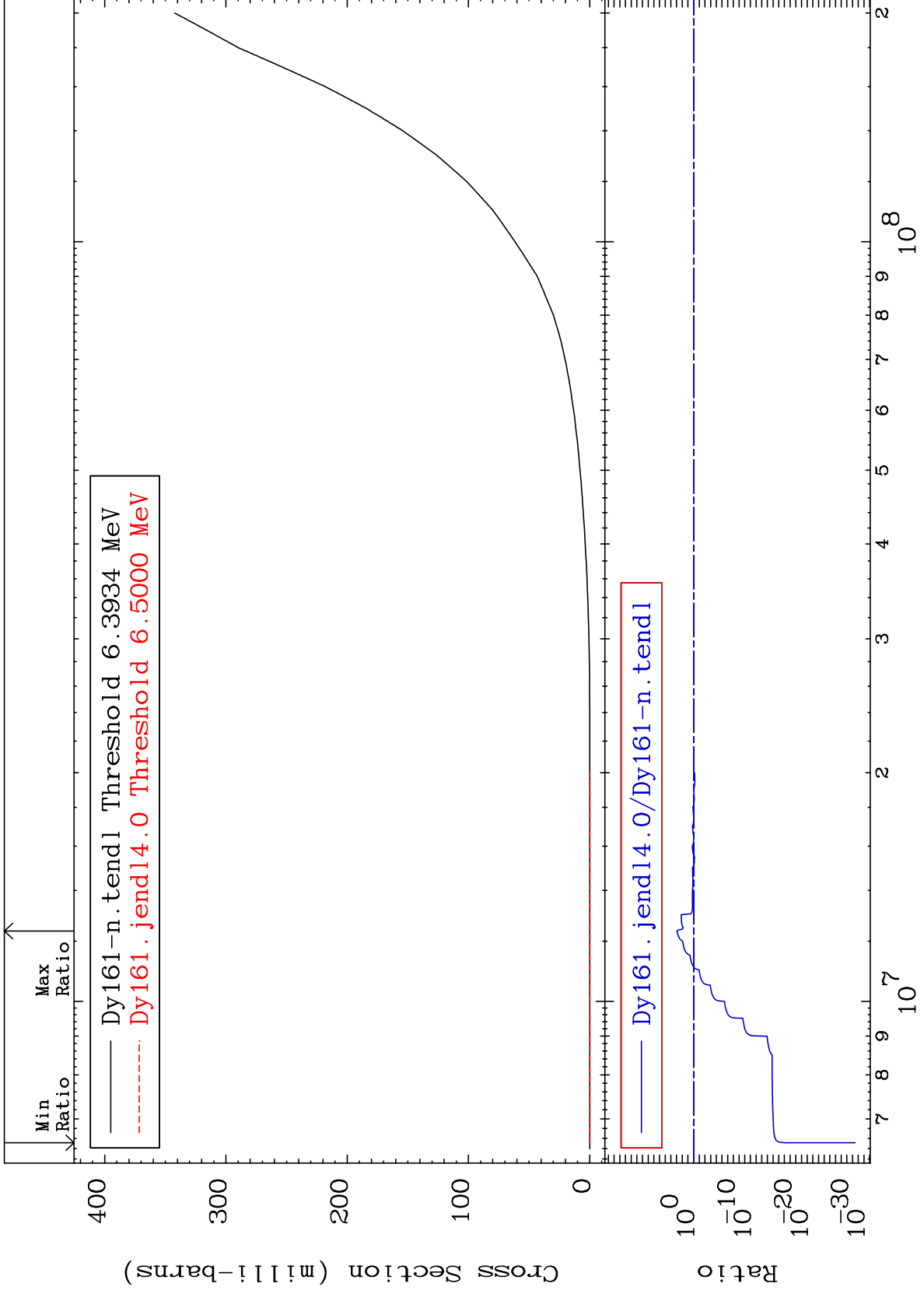
66-Dy-161



MAT 6640

He-3 Production
Cross Section

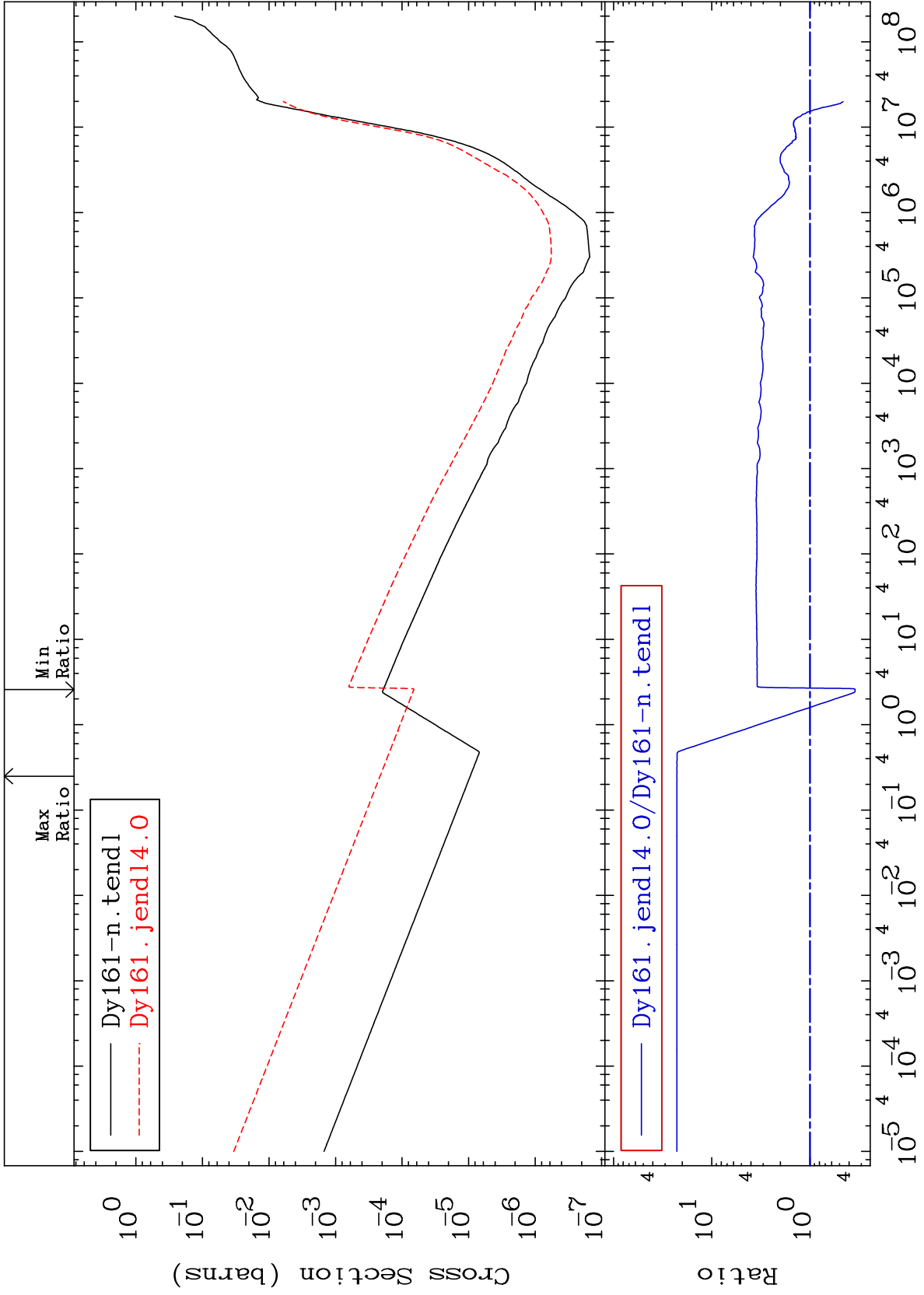
66-Dy-161
-100.0 To 9999. %



MAT 6640

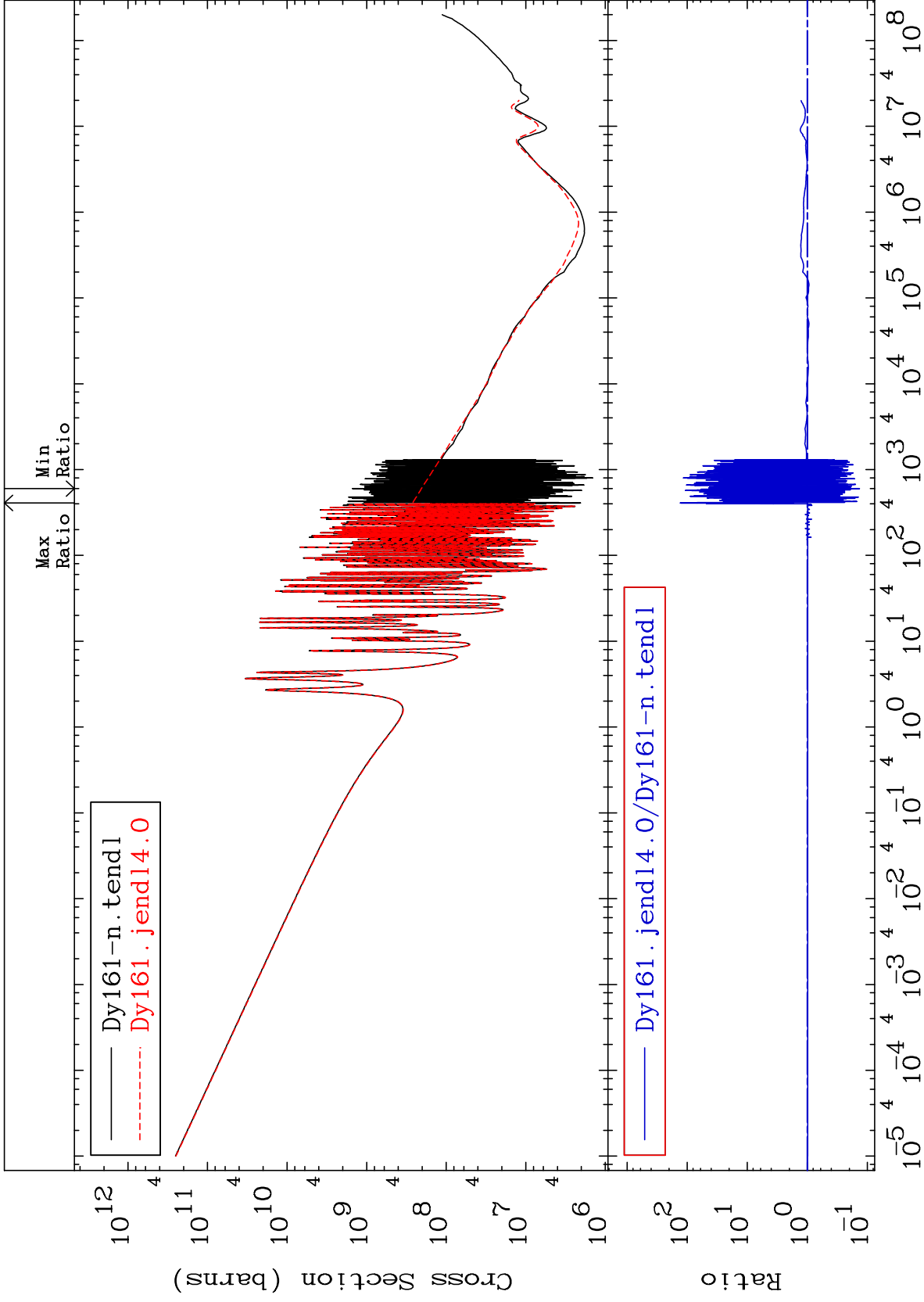
He-4 Production
Cross Section

66-Dy-161
-65.30 To 2167. %



Cross Section

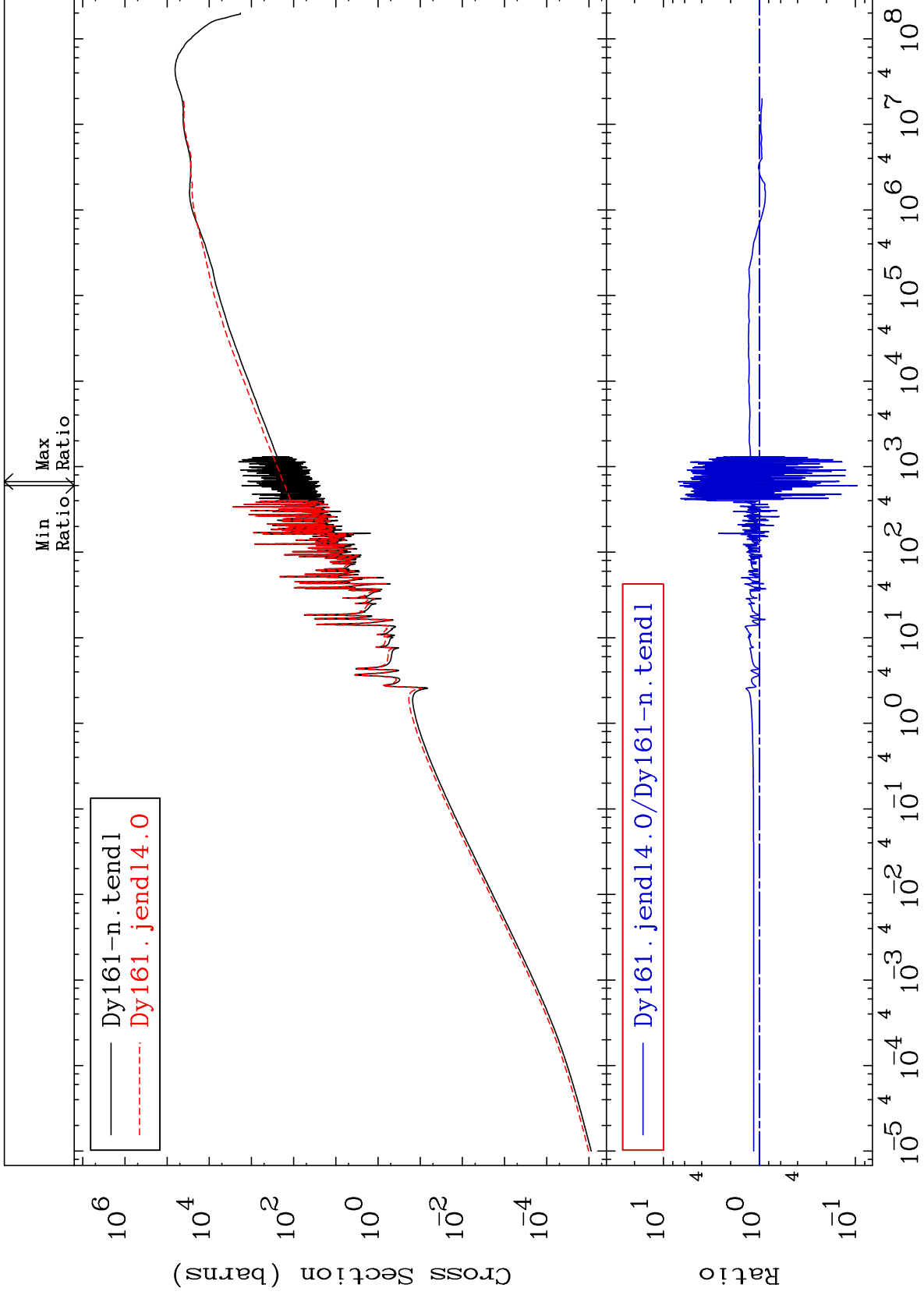
-86.42 To 9999. %



MAT 6640

Kerma elastic
Cross Section

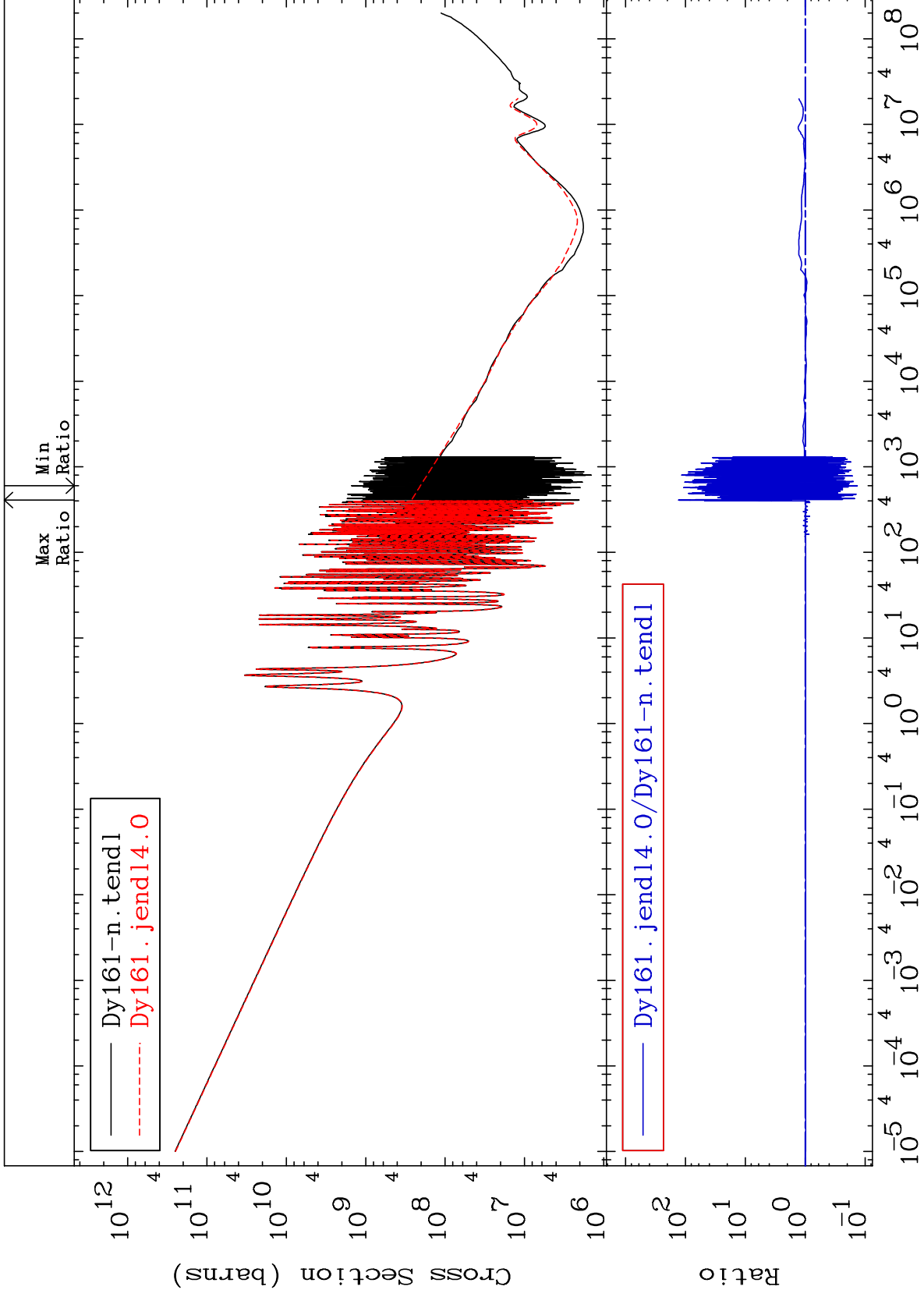
66-Dy-161
-90.45 To 593.9 %



55

Incident Energy (eV)

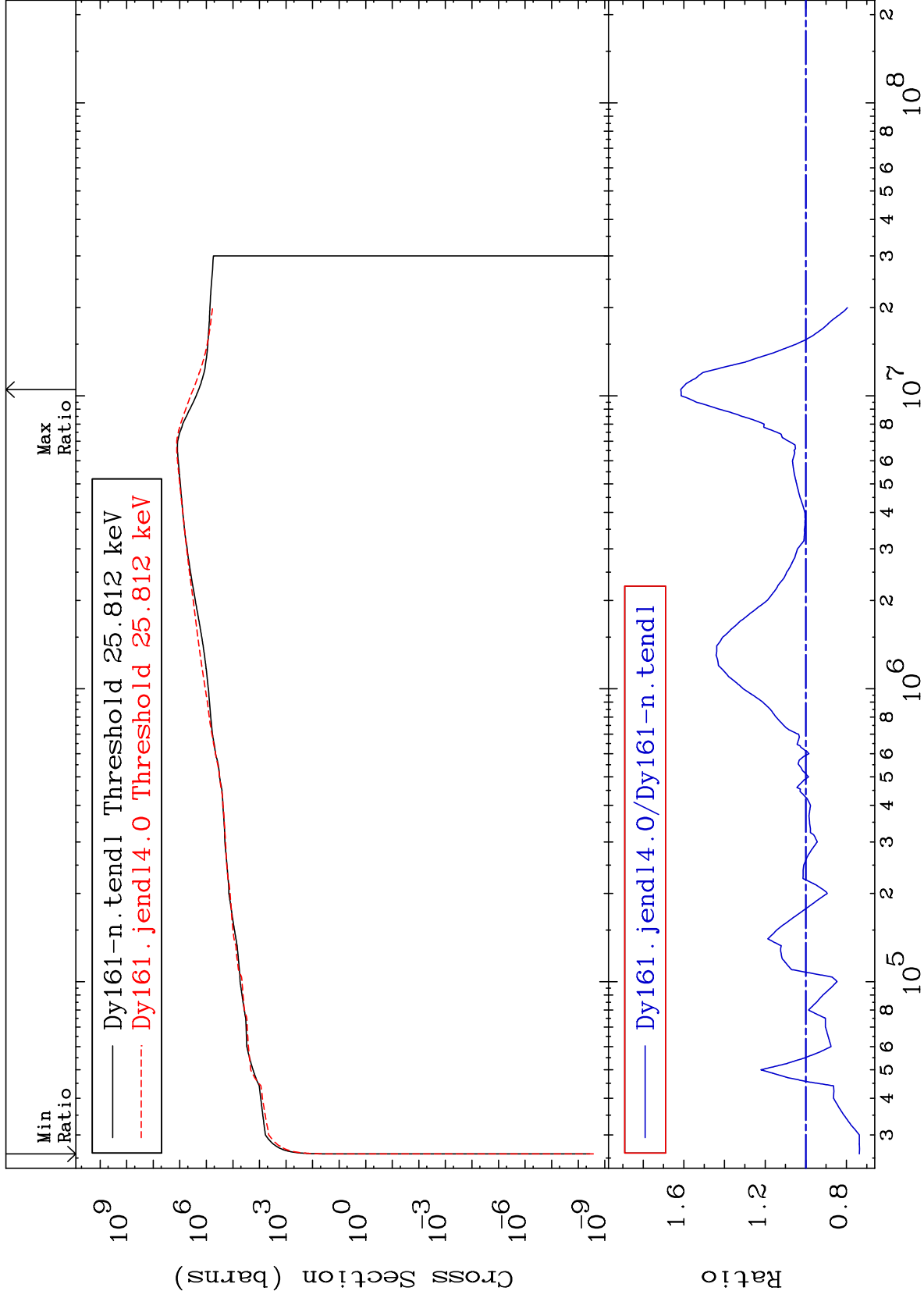
66-Dy-161



MAT 6640

Kerma inelastic (mt51-91)
Cross Section

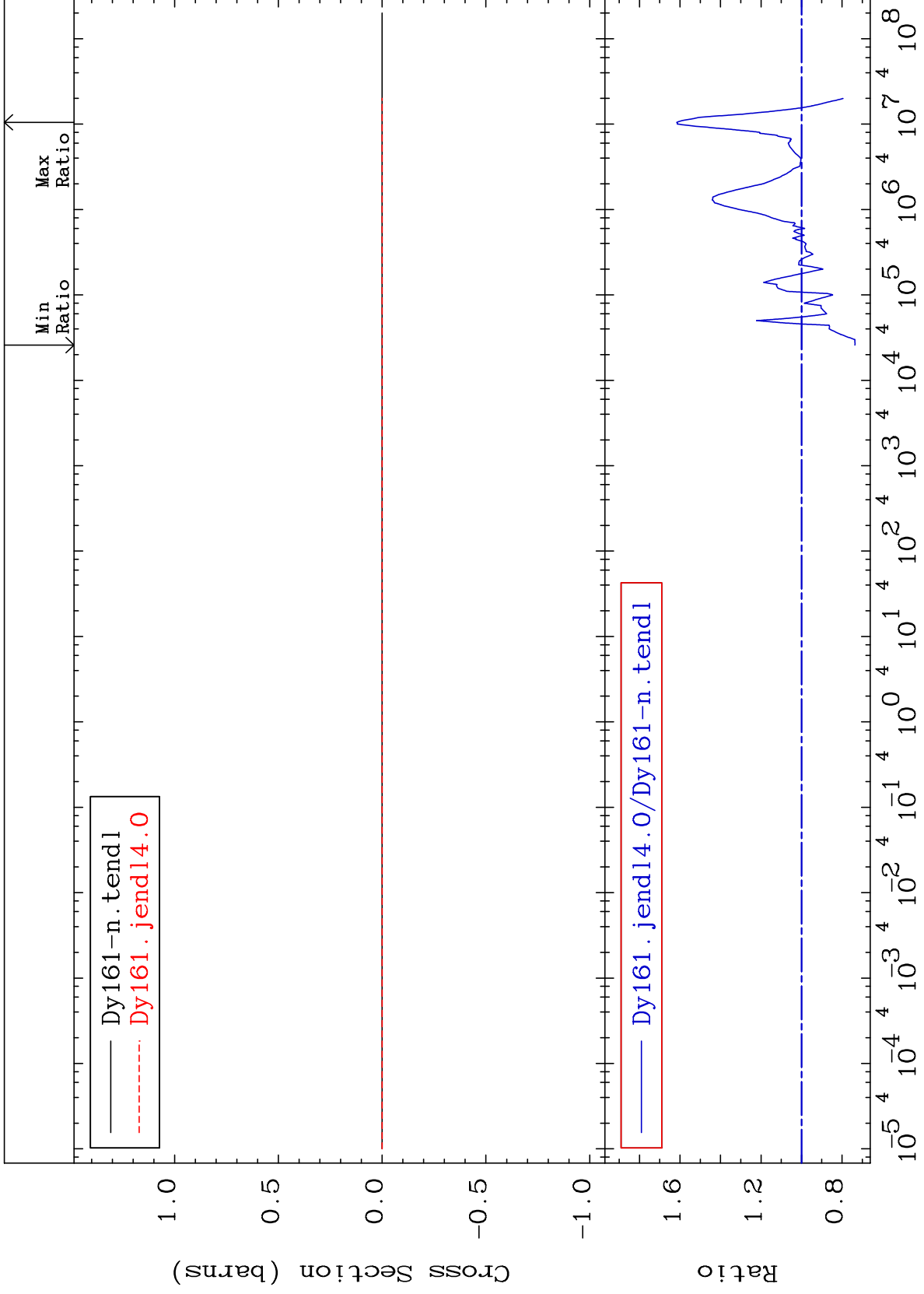
66-Dy-161
-26.44 To 61.50 %



MAT 6640

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

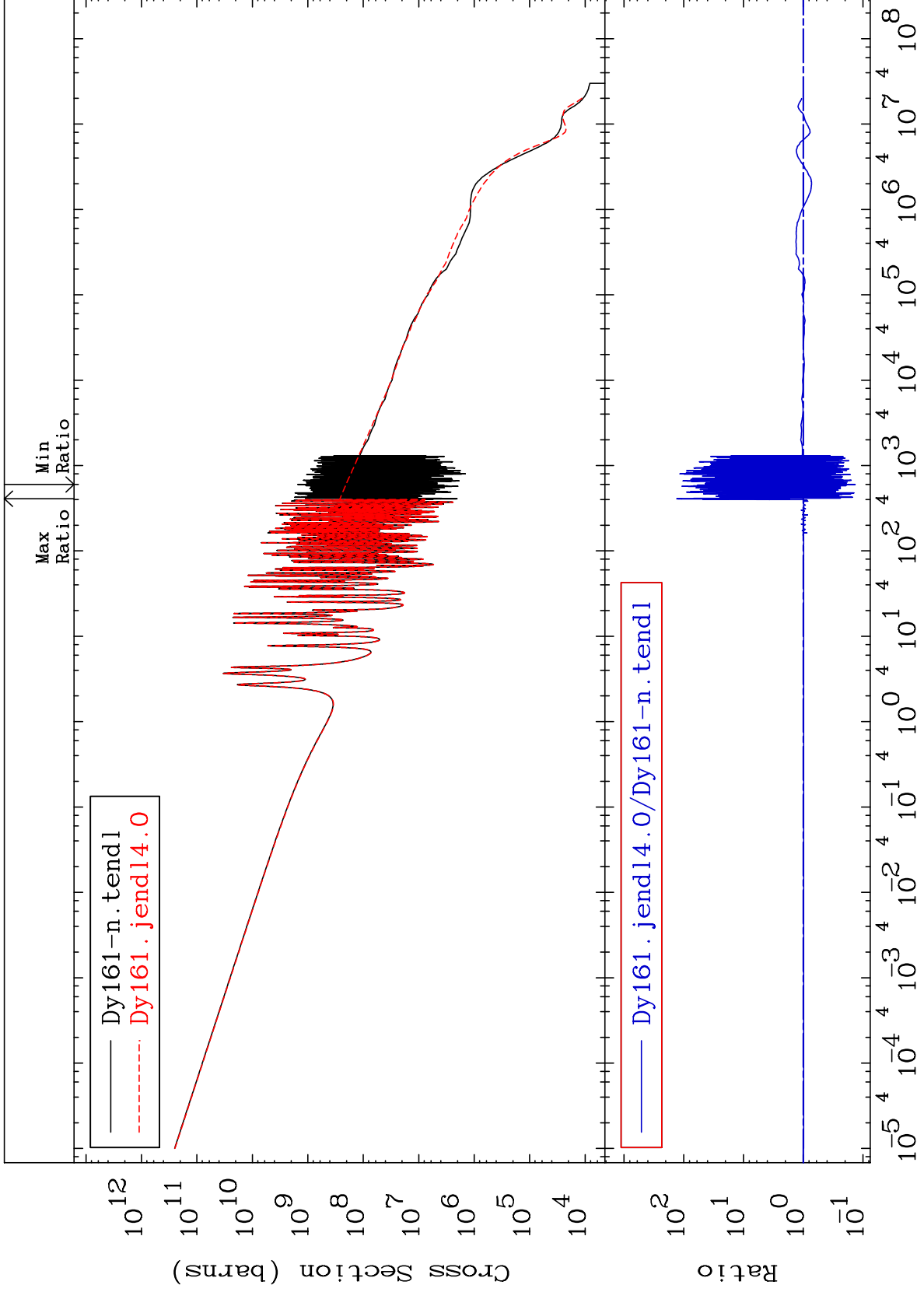
66-Dy-161
-26.44 To 61.50 %



MAT 6640

Kerma capture (mt102)
Cross Section

66-Dy-161
-86.42 To 9999. %

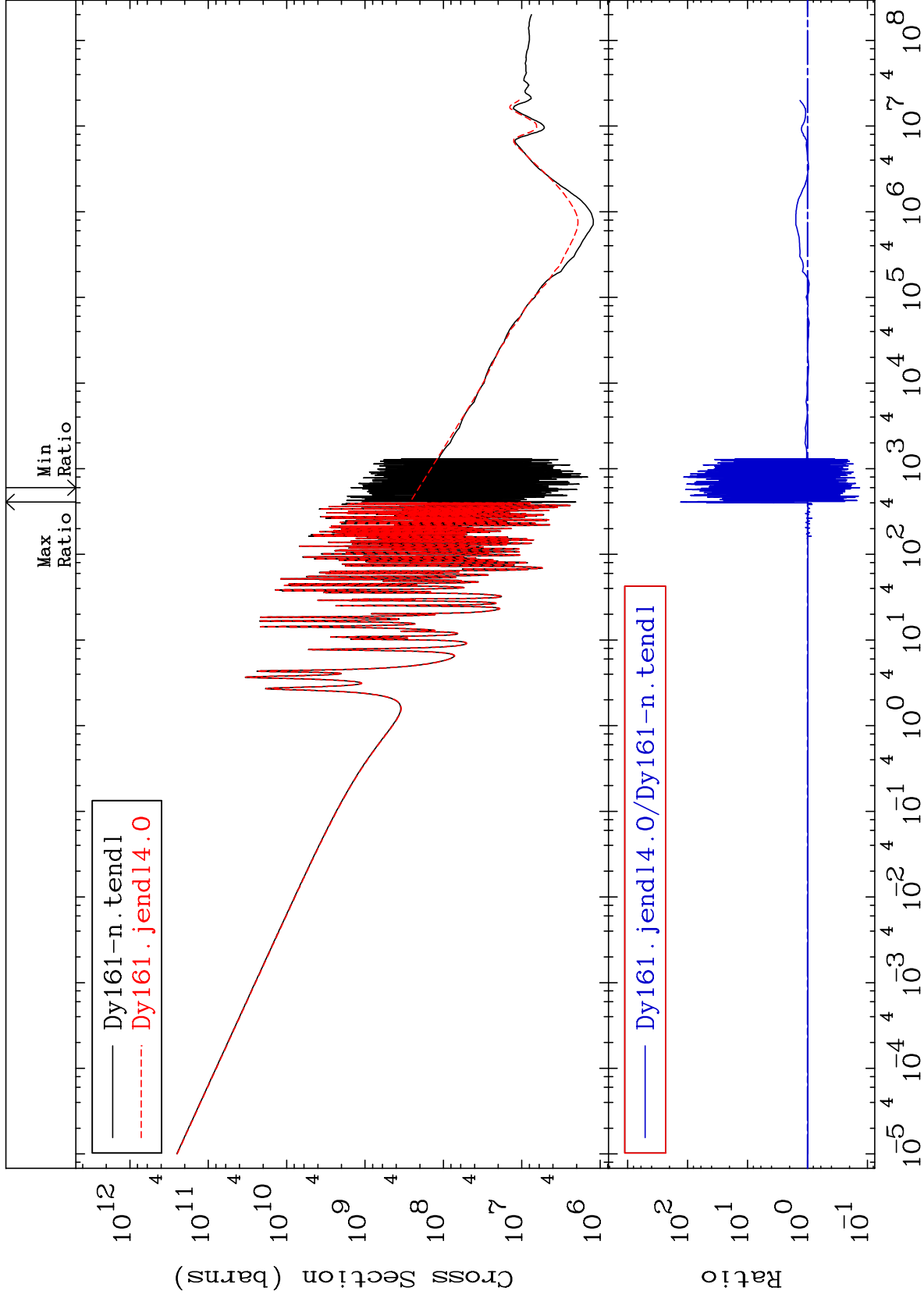


MAT 6640

Total photon (eV-barns)

66-Dy-161

-86.42 To 9999. %



60

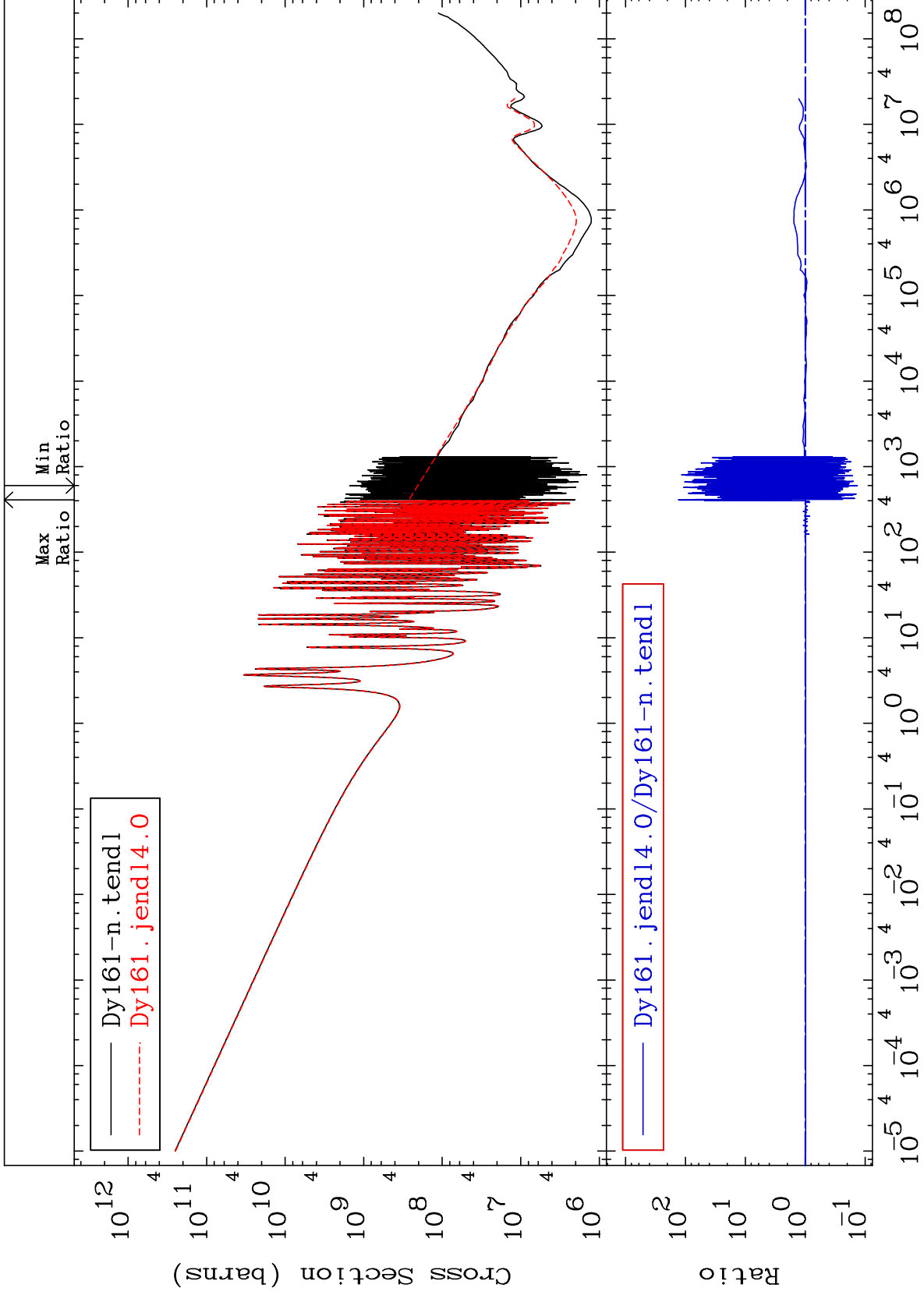
Incident Energy (eV)

66-Dy-161

MAT 6640

Total kinematic kerma (high limit)
Cross Section

66-Dy-161
-86.42 To 9999. %



61

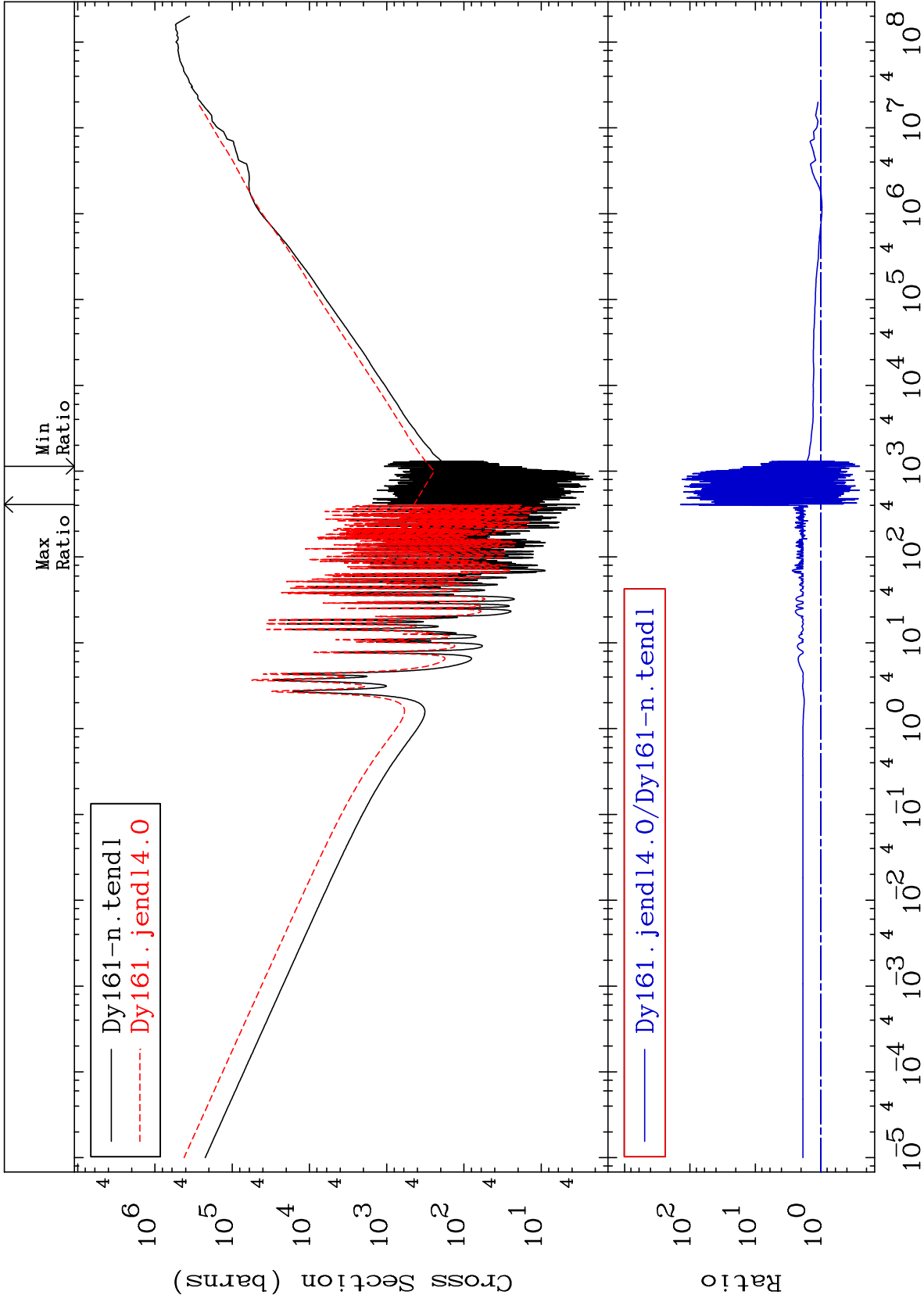
Incident Energy (eV)

66-Dy-161

MAT 6640

Dpa total (eV-barns)
Cross Section

66-Dy-161
-74.29 To 9999. %



62

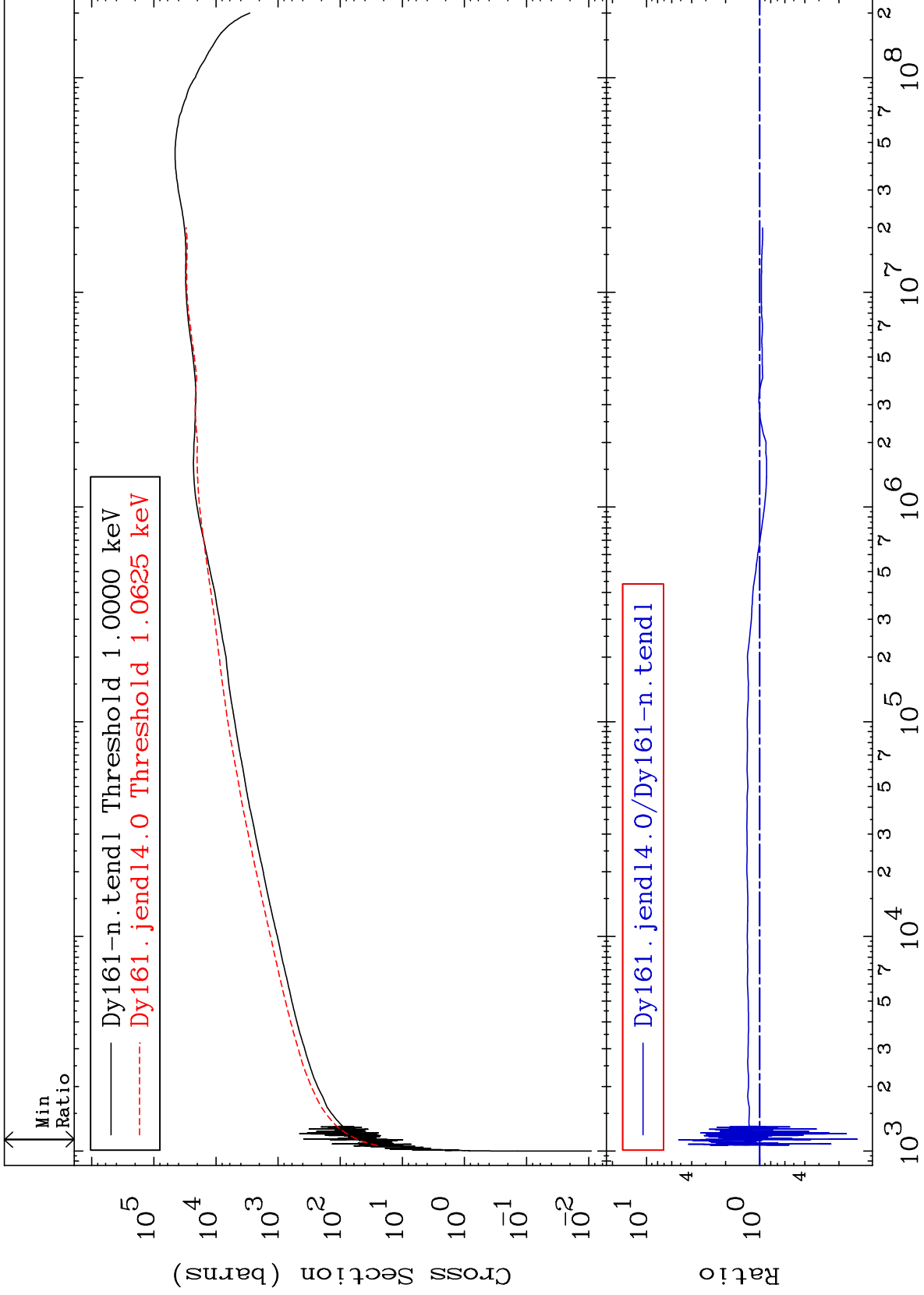
Incident Energy (eV)

66-Dy-161

MAT 6640

Dpa elastic (mt2)
Cross Section

66-Dy-161
-86.24 To 420.7 %



63

Incident Energy (eV)

66-Dy-161

MAT 6640

Dpa inelastic (mt51-91)
Cross Section

66-Dy-161
-43.95 To 108.9 %

