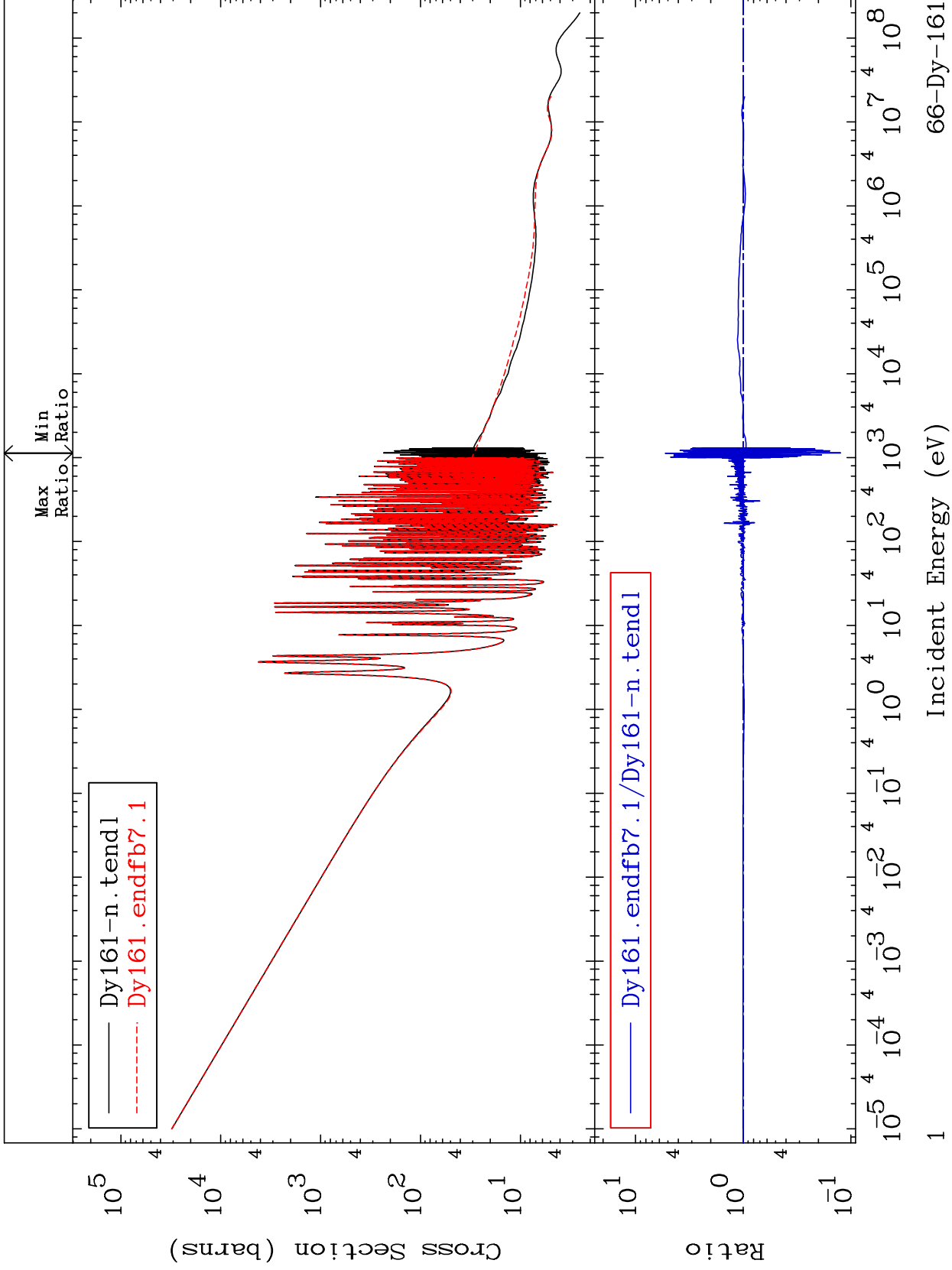


MAT 6640

Total
Cross Section

66-Dy-161
-87.58 To 426.7 %



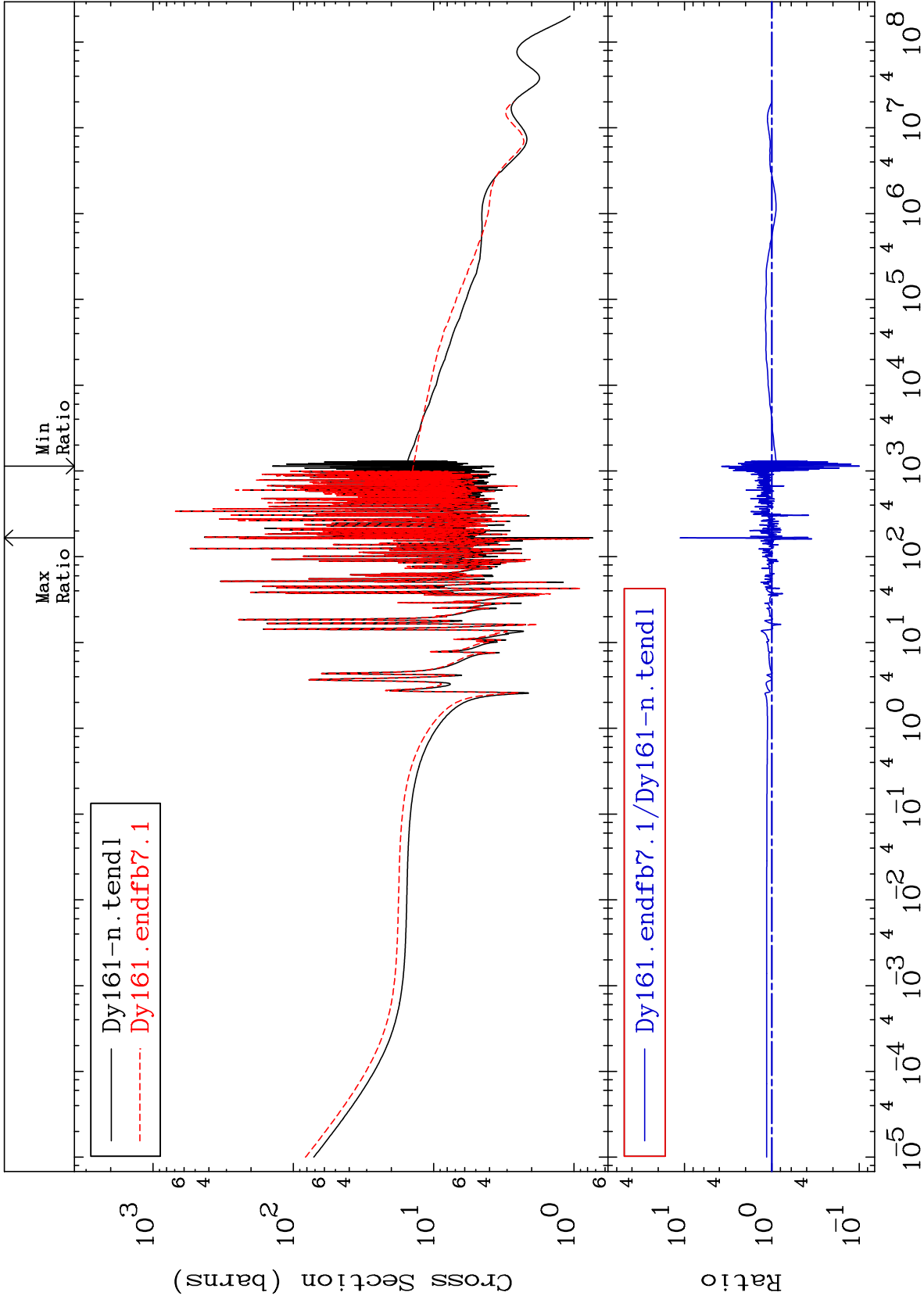
Incident Energy (eV)

66-Dy-161

MAT 6640

Elastic
Cross Section

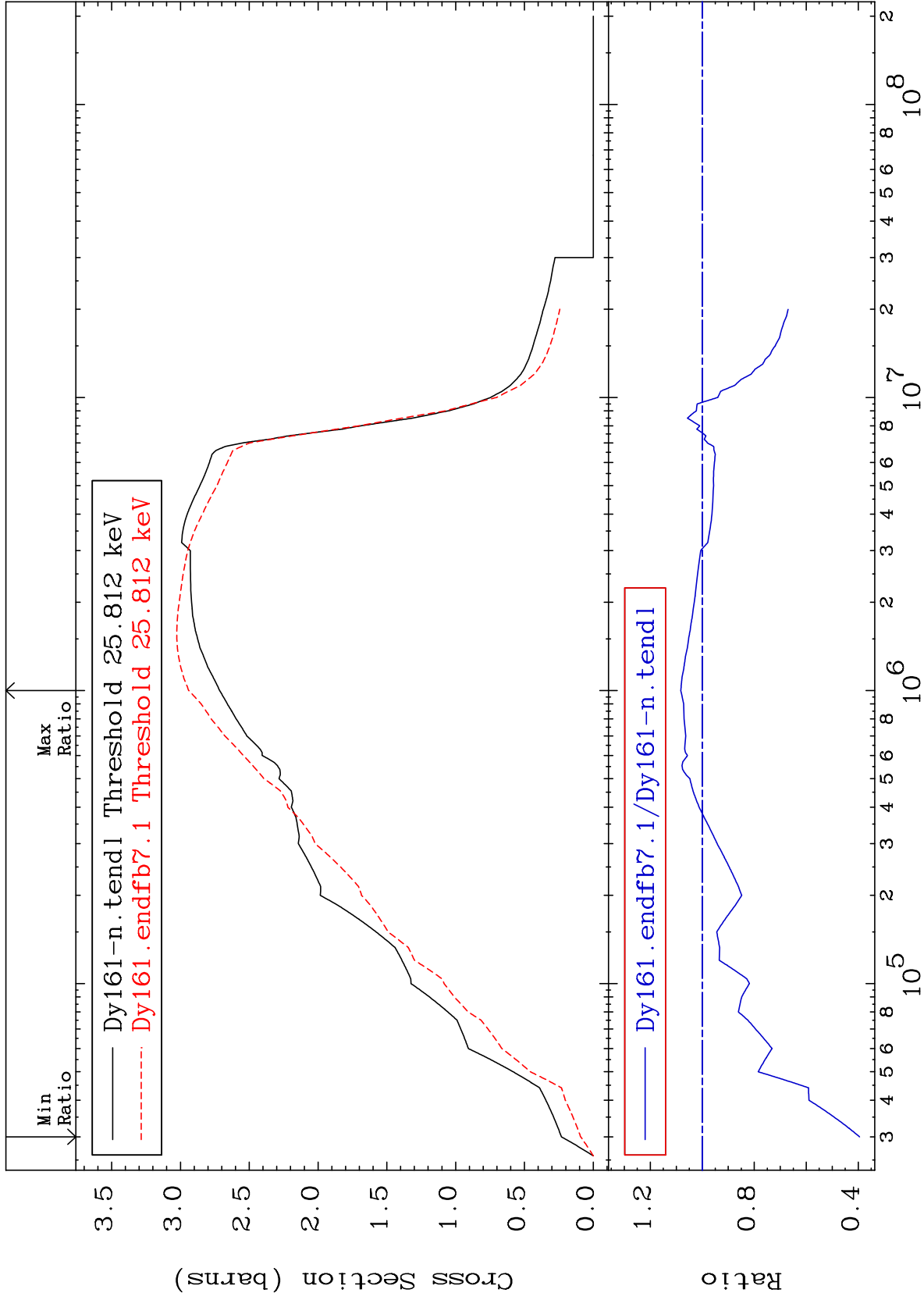
66-Dy-161
-90.08 To 1017. %



66-Dy-161

2

MAT 6640 Inelastic Cross Section 66-Dy-161 -60.50 To 8.272 %

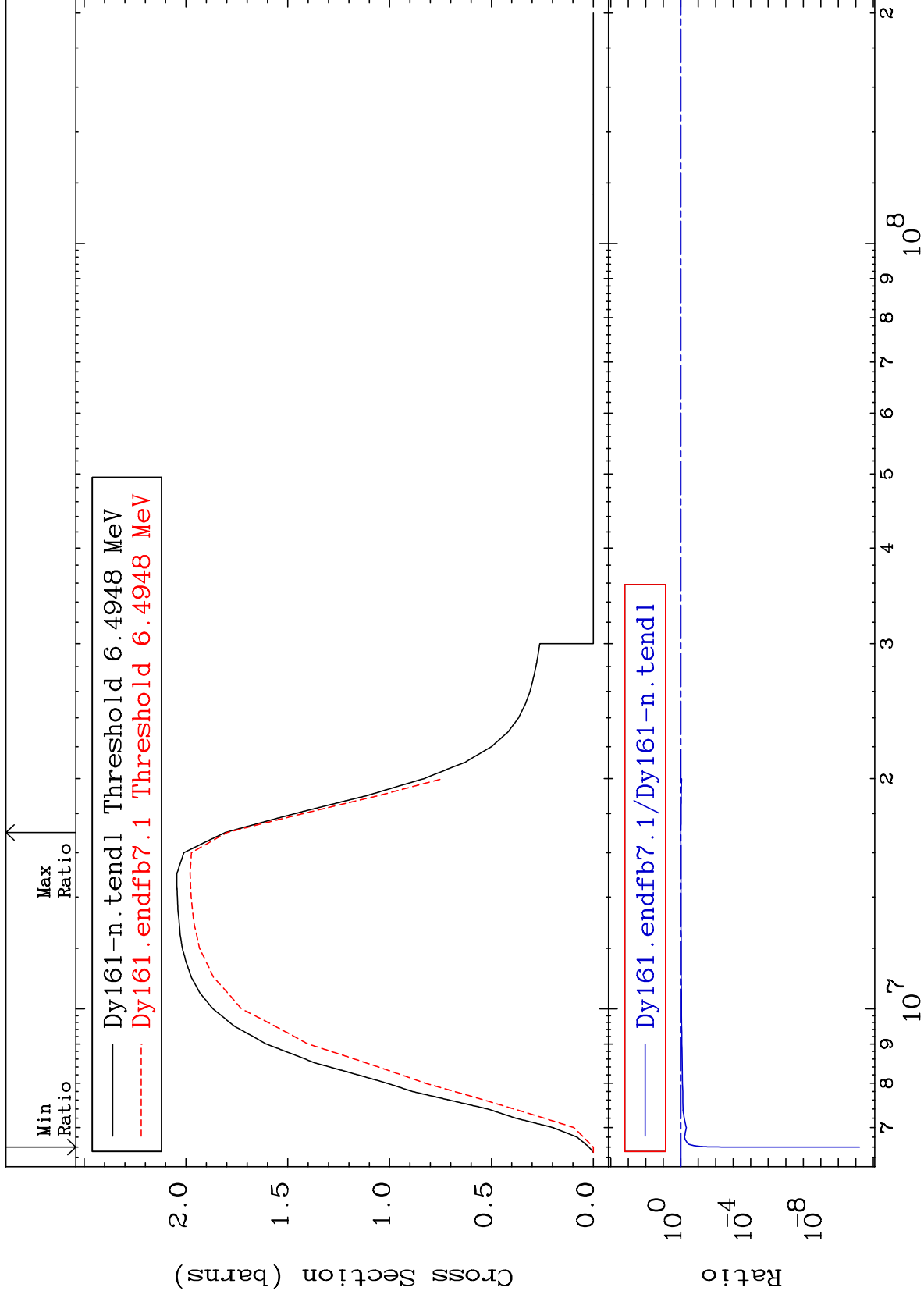


3 Incident Energy (eV) 66-Dy-161

MAT 6640

(n,2n)
Cross Section

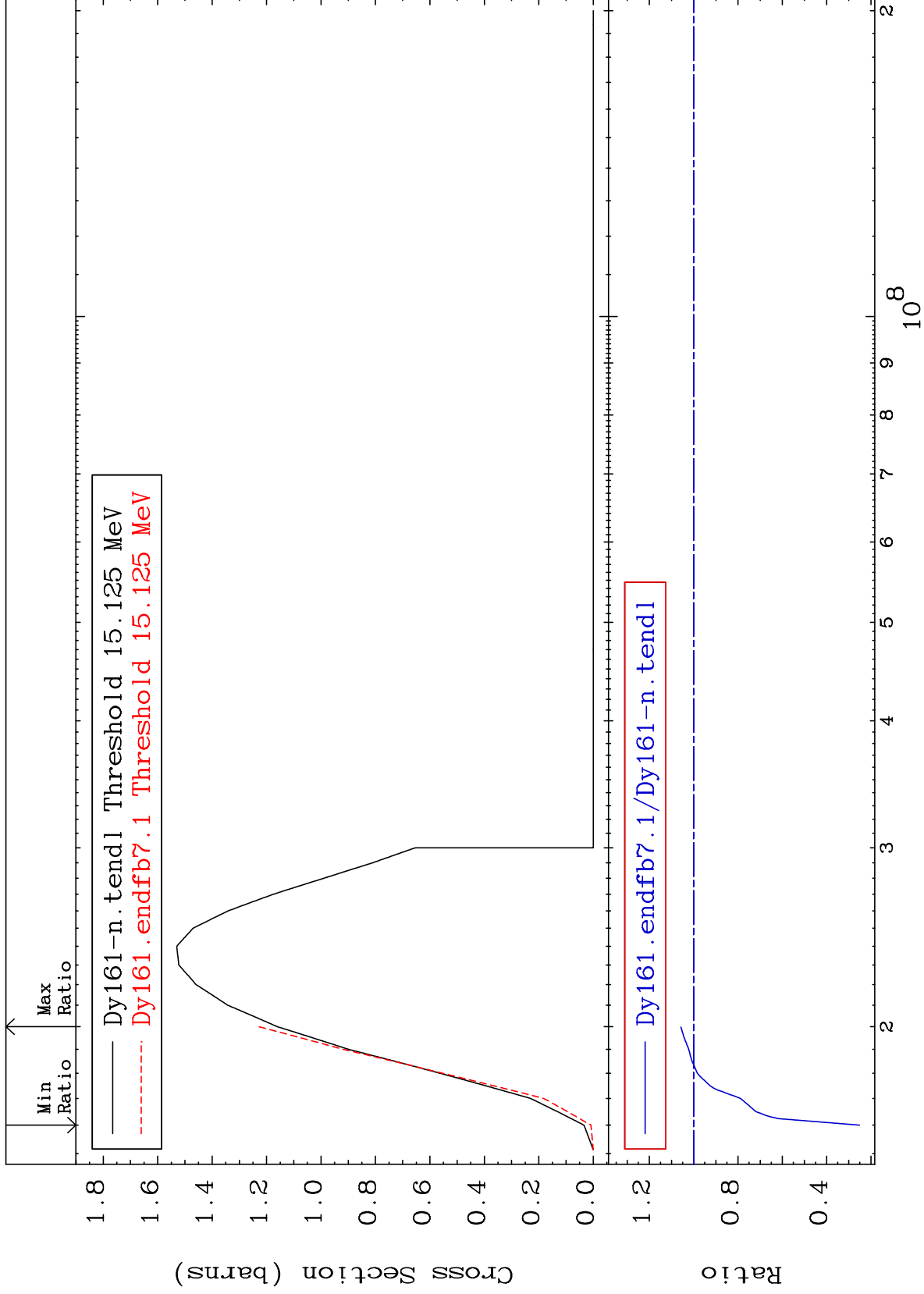
66-Dy-161
-100.0 To -0.526%



MAT 6640

(n,3n)
Cross Section

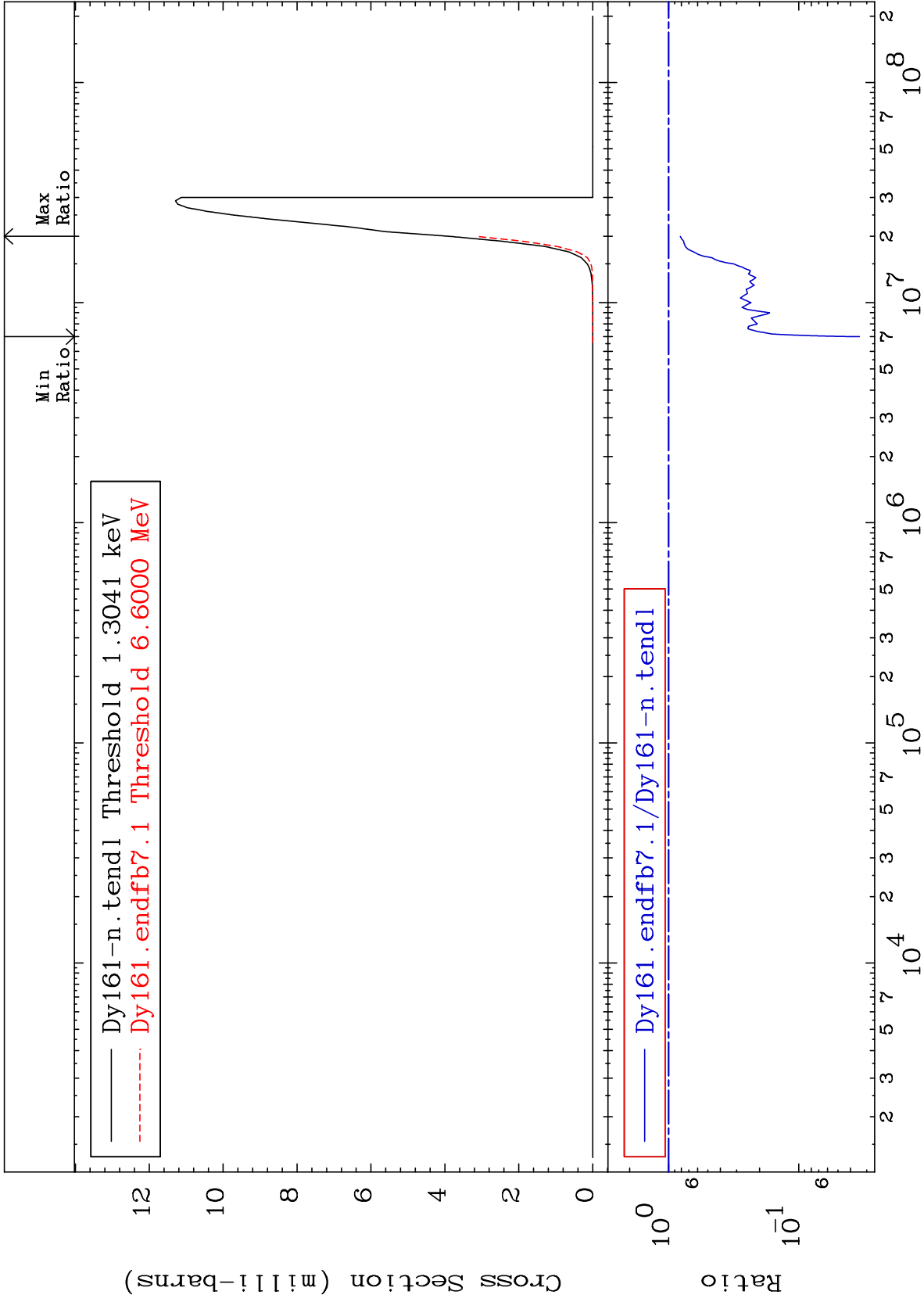
66-Dy-161
-74.86 To 5.824 %



MAT 6640

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

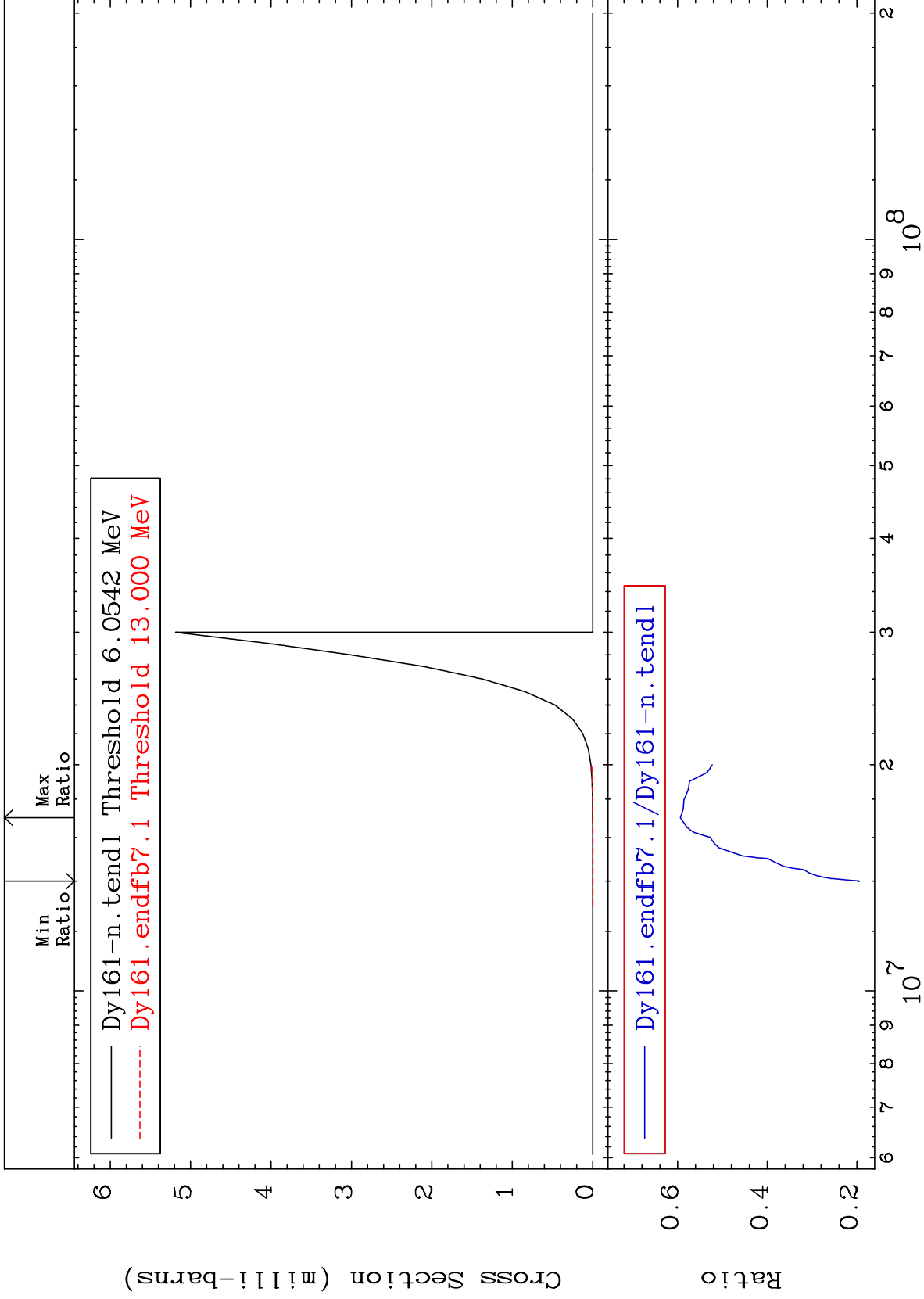
66-Dy-161
-96.59 To -18.64%



MAT 6640

(n,2n) α
Cross Section

66-Dy-161
-80.57 To -40.59%



7

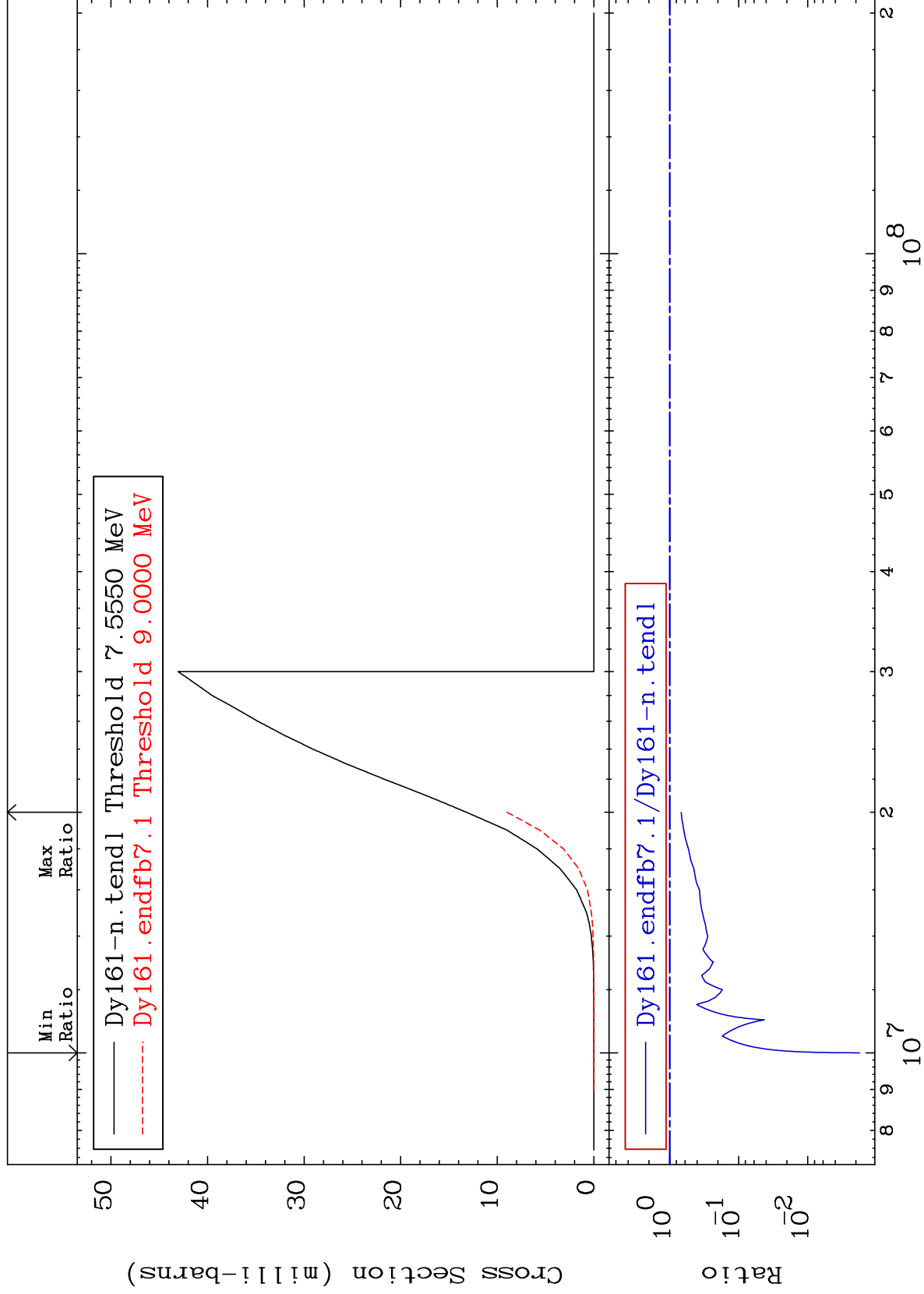
Incident Energy (eV)

66-Dy-161

MAT 6640

(n,n') p
Cross Section

66-Dy-161
-99.82 To -31.82%



8

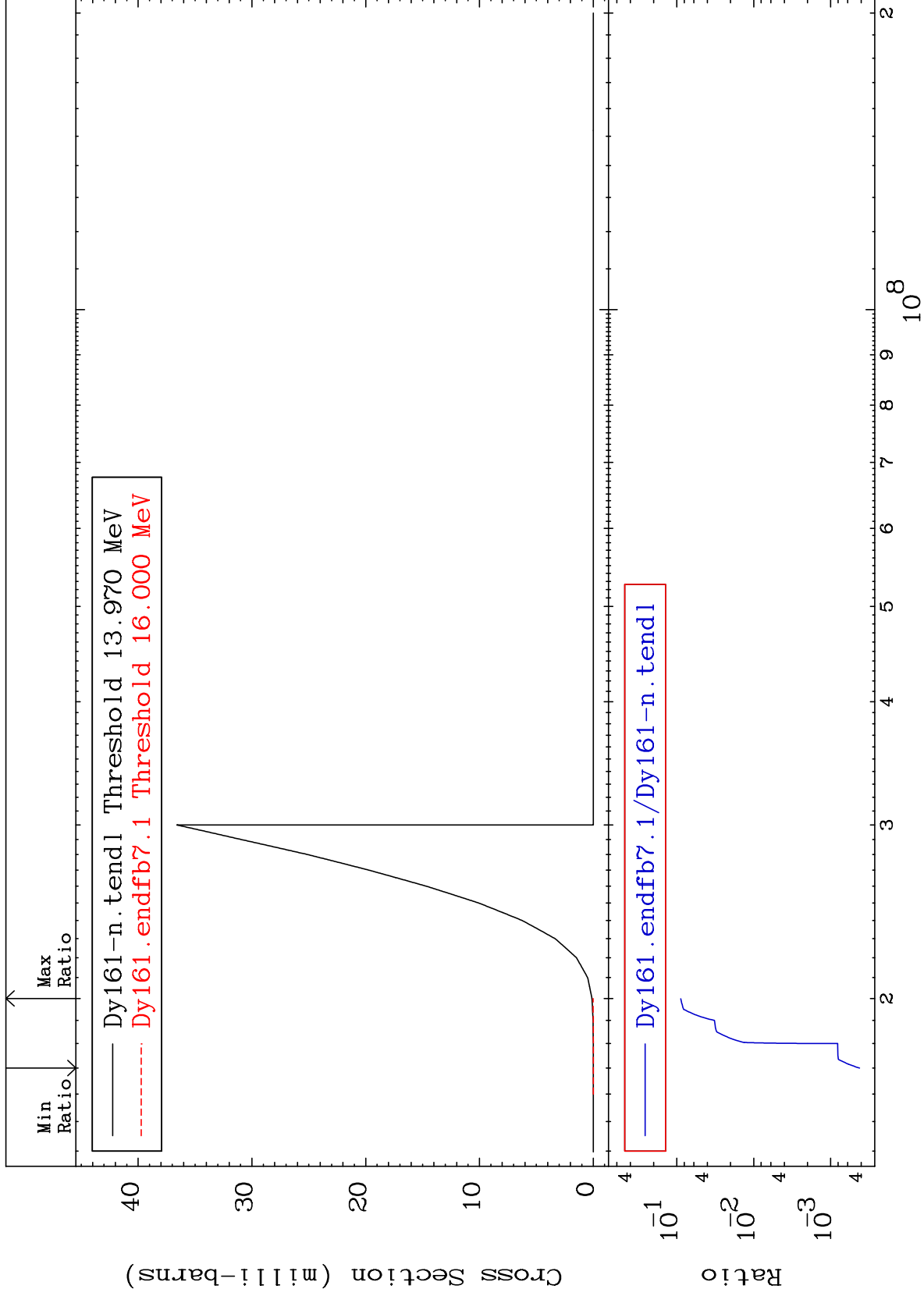
Incident Energy (eV)

66-Dy-161

MAT 6640

(n,2n) p
Cross Section

66-Dy-161
-99.96 To -91.13%



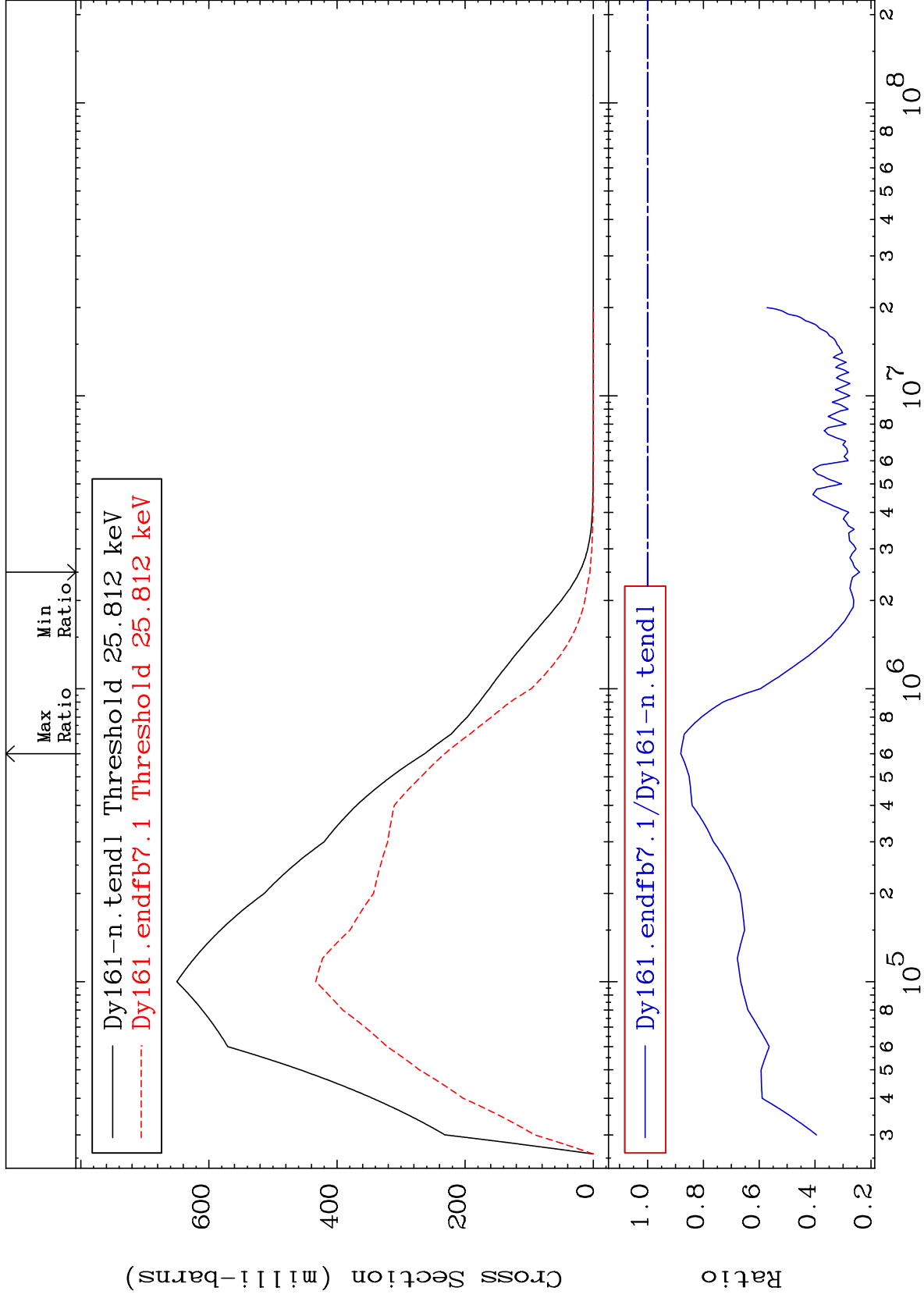
MAT 6640

25.65 keV (n,n') Level

66-Dy-161

-75.92 To -11.90%

Cross Section



10

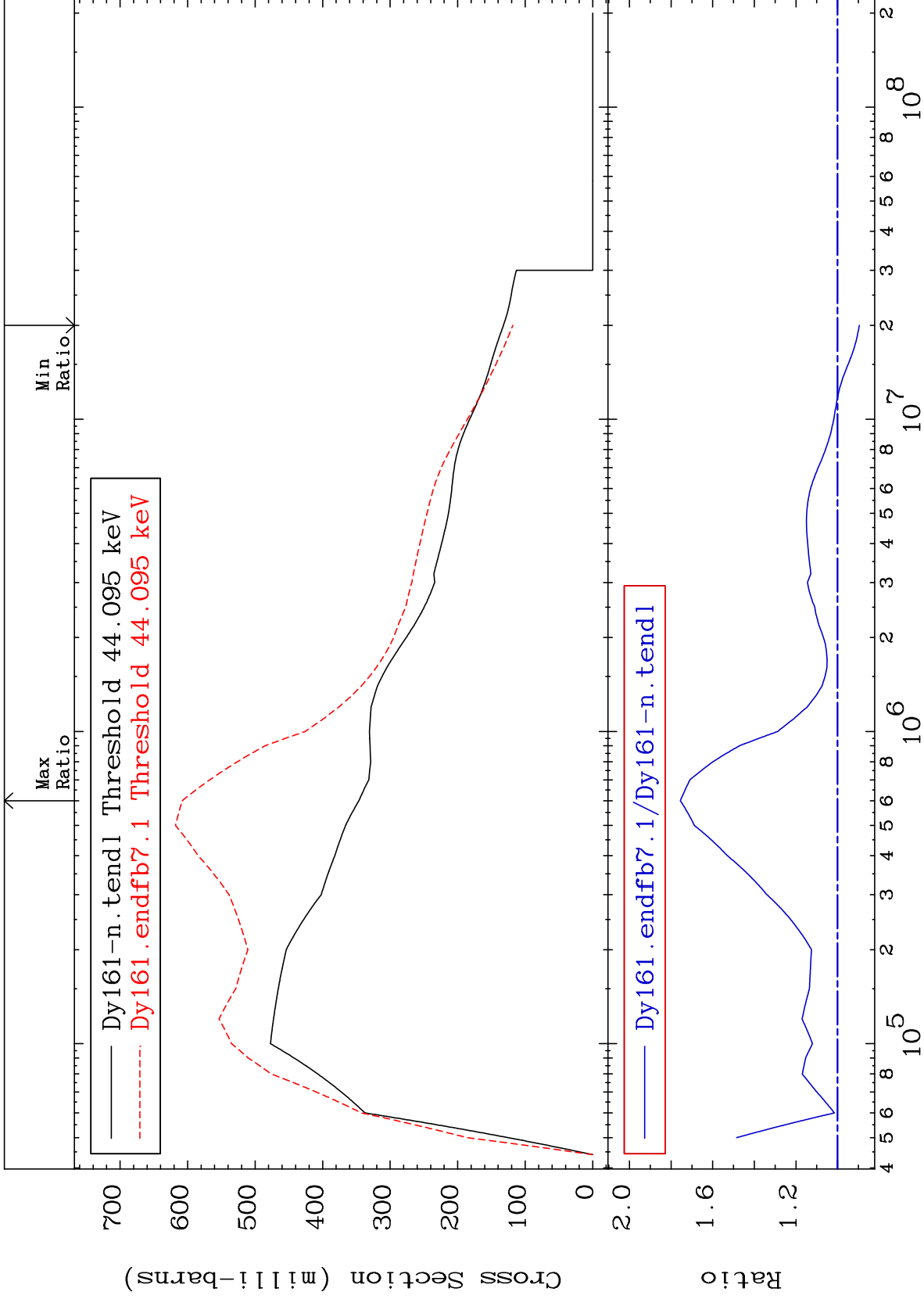
Incident Energy (eV)

66-Dy-161

MAT 6640

43.82 keV (n,n') Level
Cross Section

66-Dy-161
-10.52 To 75.56 %



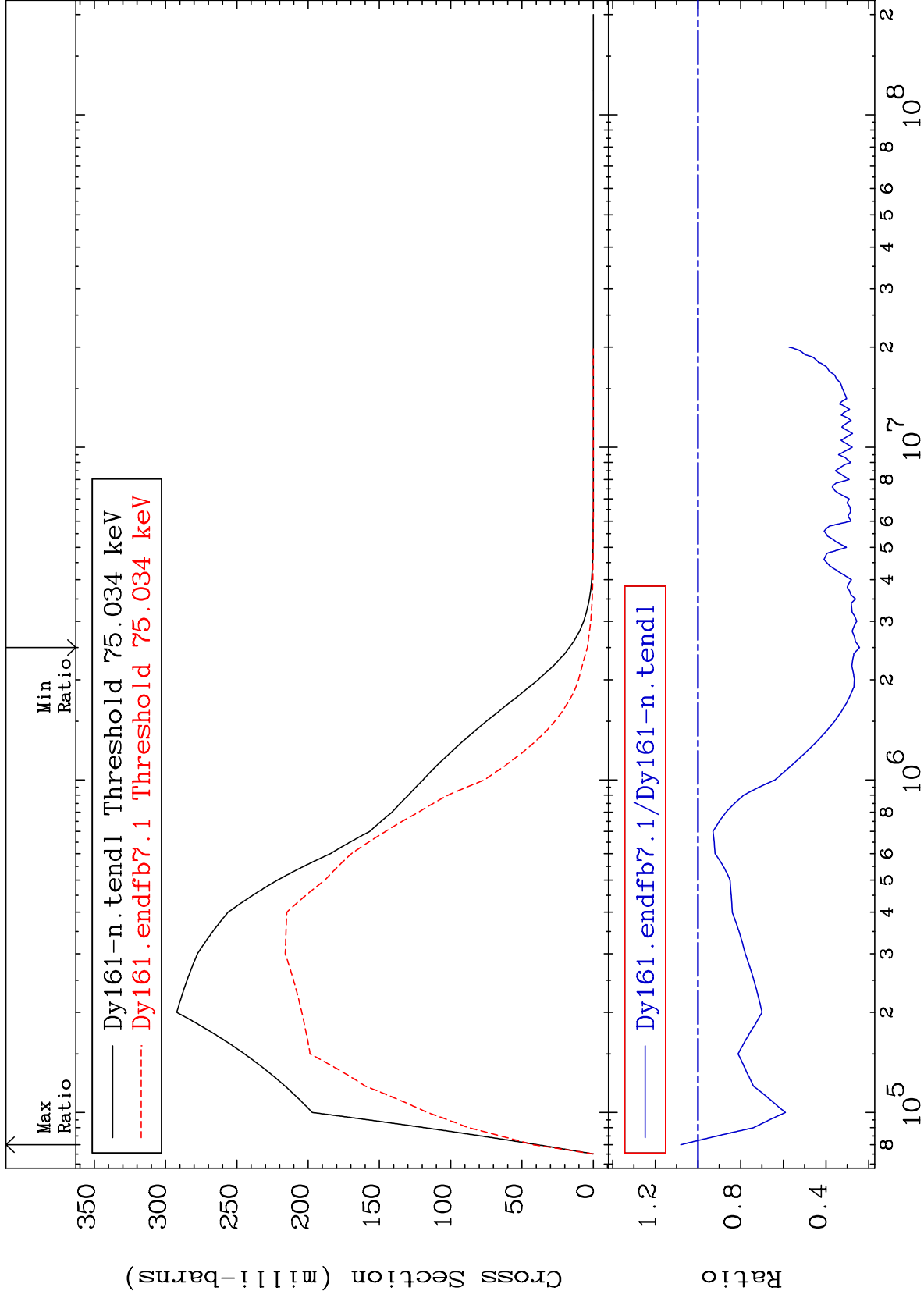
MAT 6640

74.57 keV (n,n') Level

66-Dy-161

-75.74 To 8.047 %

Cross Section



12

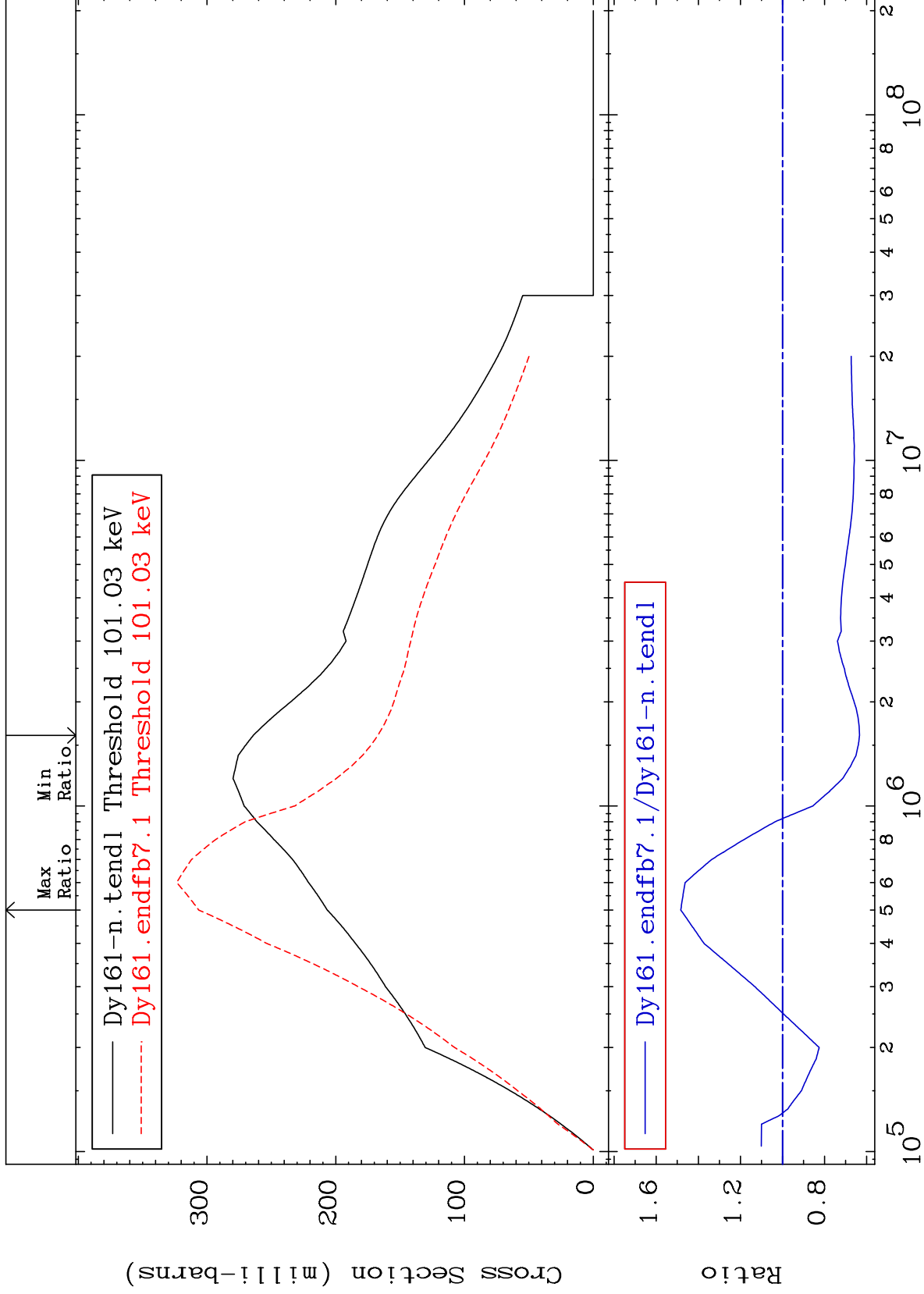
Incident Energy (eV)

66-Dy-161

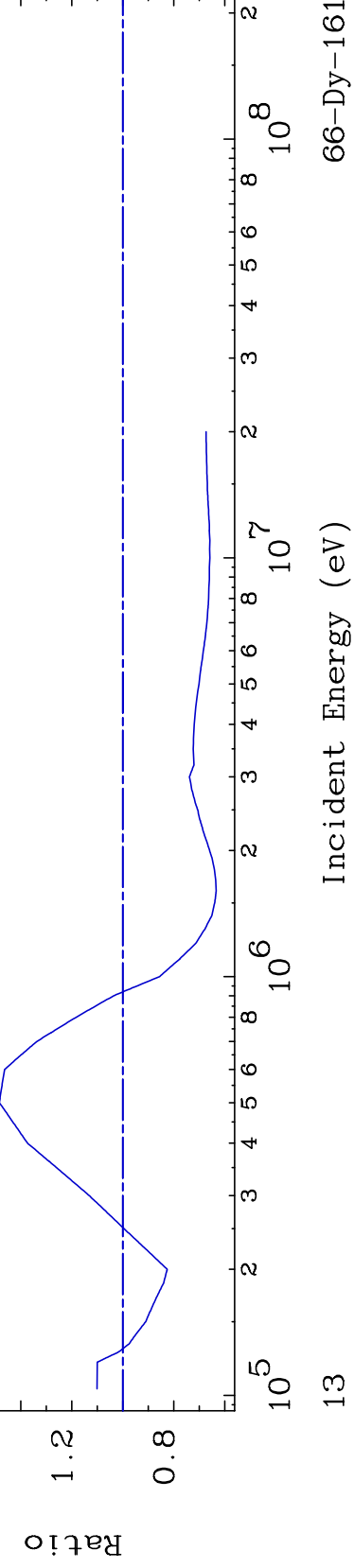
MAT 6640

100.4 keV (n,n') Level
Cross Section

66-Dy-161
-36.66 To 48.34 %



Dy161.endfb7.1/Dy161-n.tendl



13

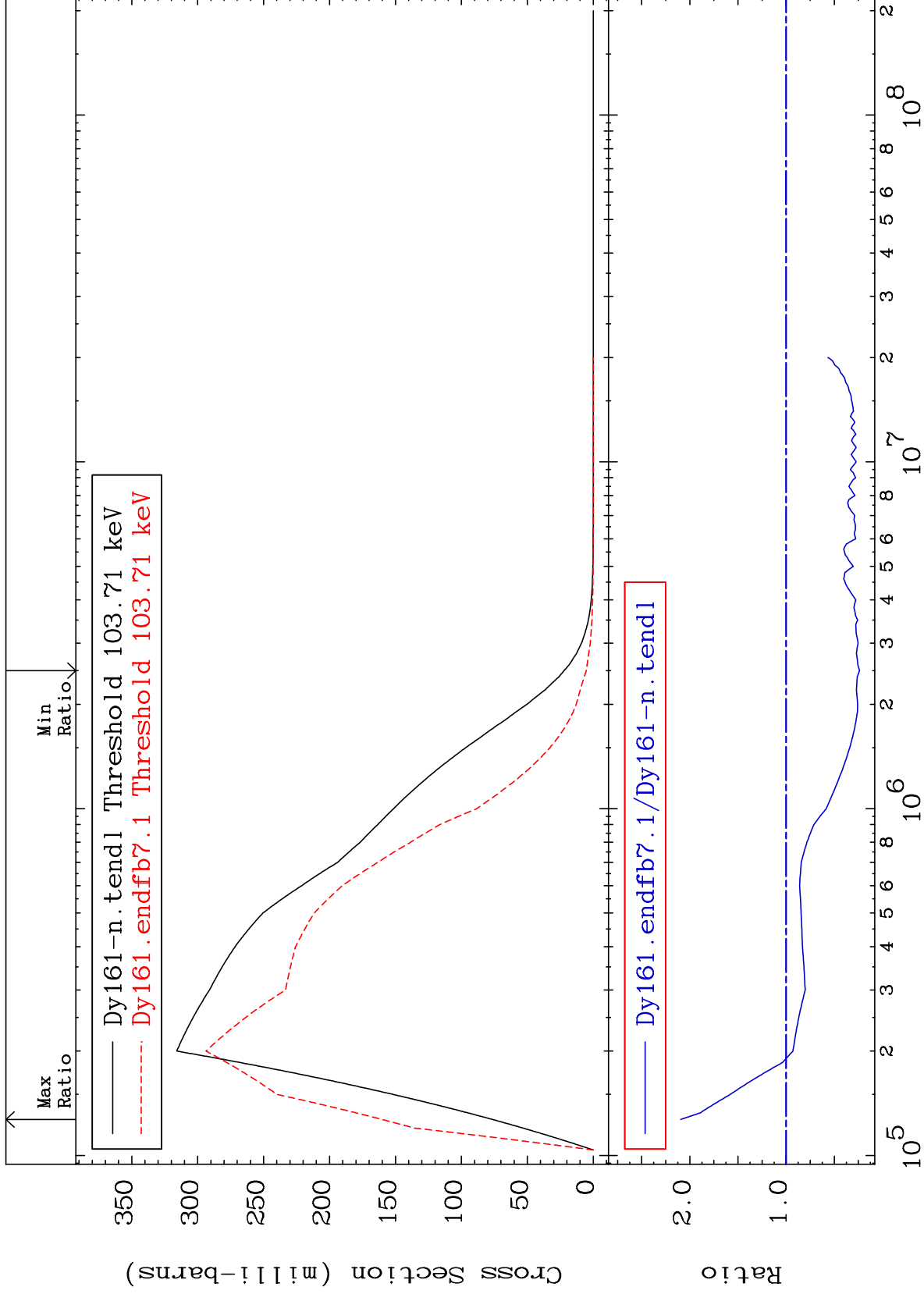
Incident Energy (eV)

66-Dy-161

MAT 6640

103.1 keV (n,n') Level
Cross Section

66-Dy-161
-76.19 To 109.4 %



14

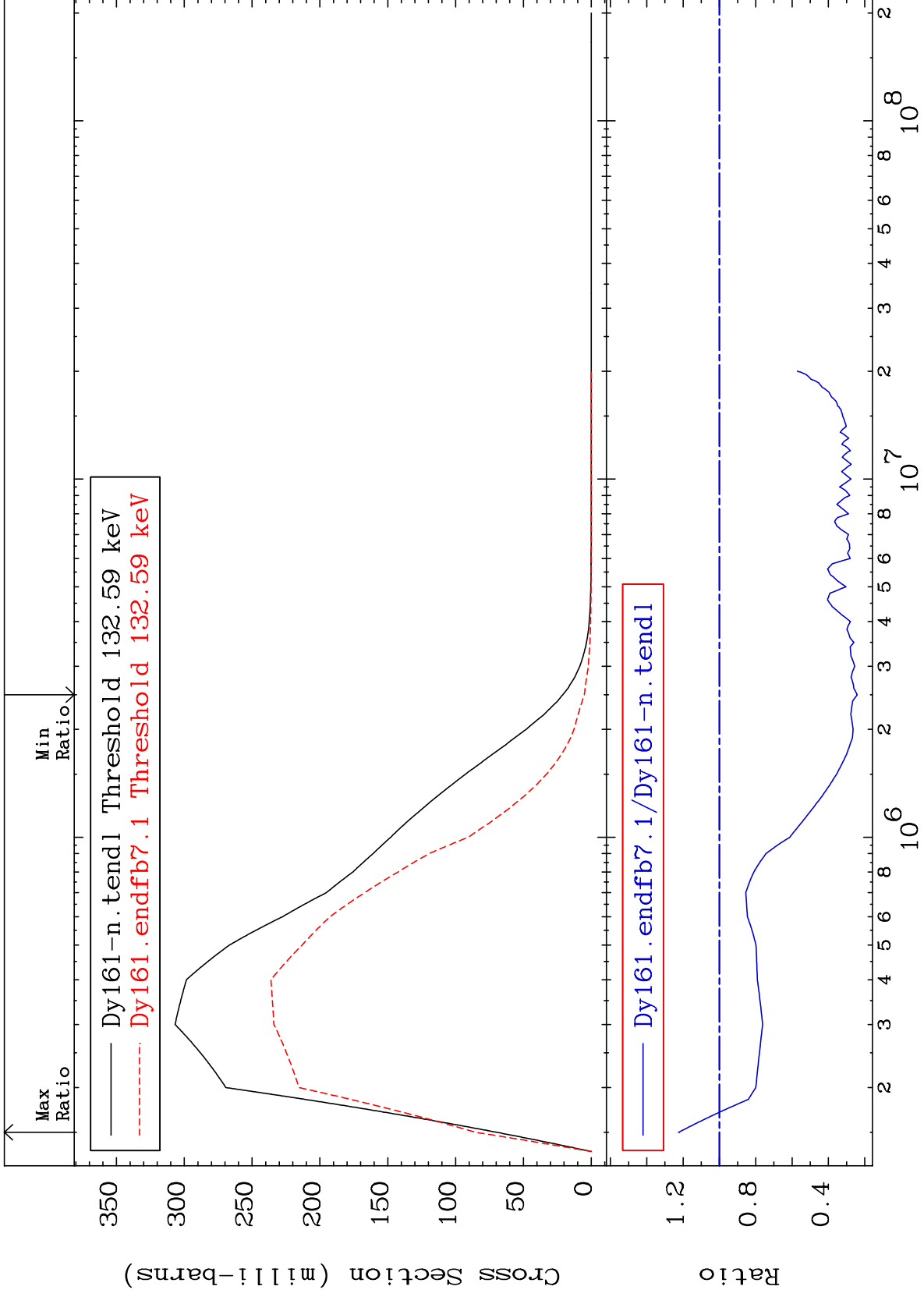
Incident Energy (eV)

66-Dy-161

MAT 6640

131.8 keV (n,n') Level
Cross Section

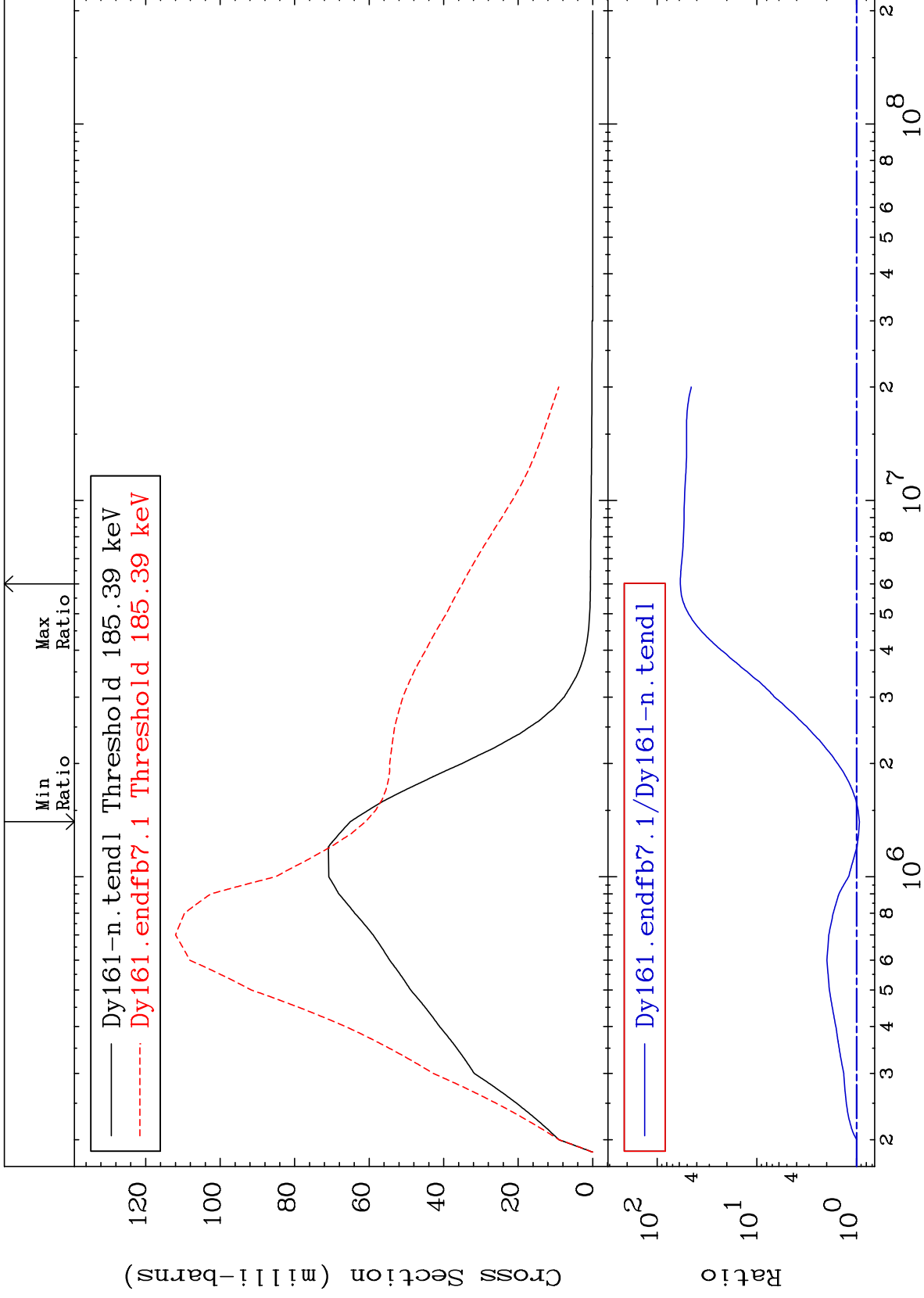
66-Dy-161
-75.86 To 22.45 %



MAT 6640

184.2 keV (n,n') Level
Cross Section

66-Dy-161
-6.303 To 5751. %

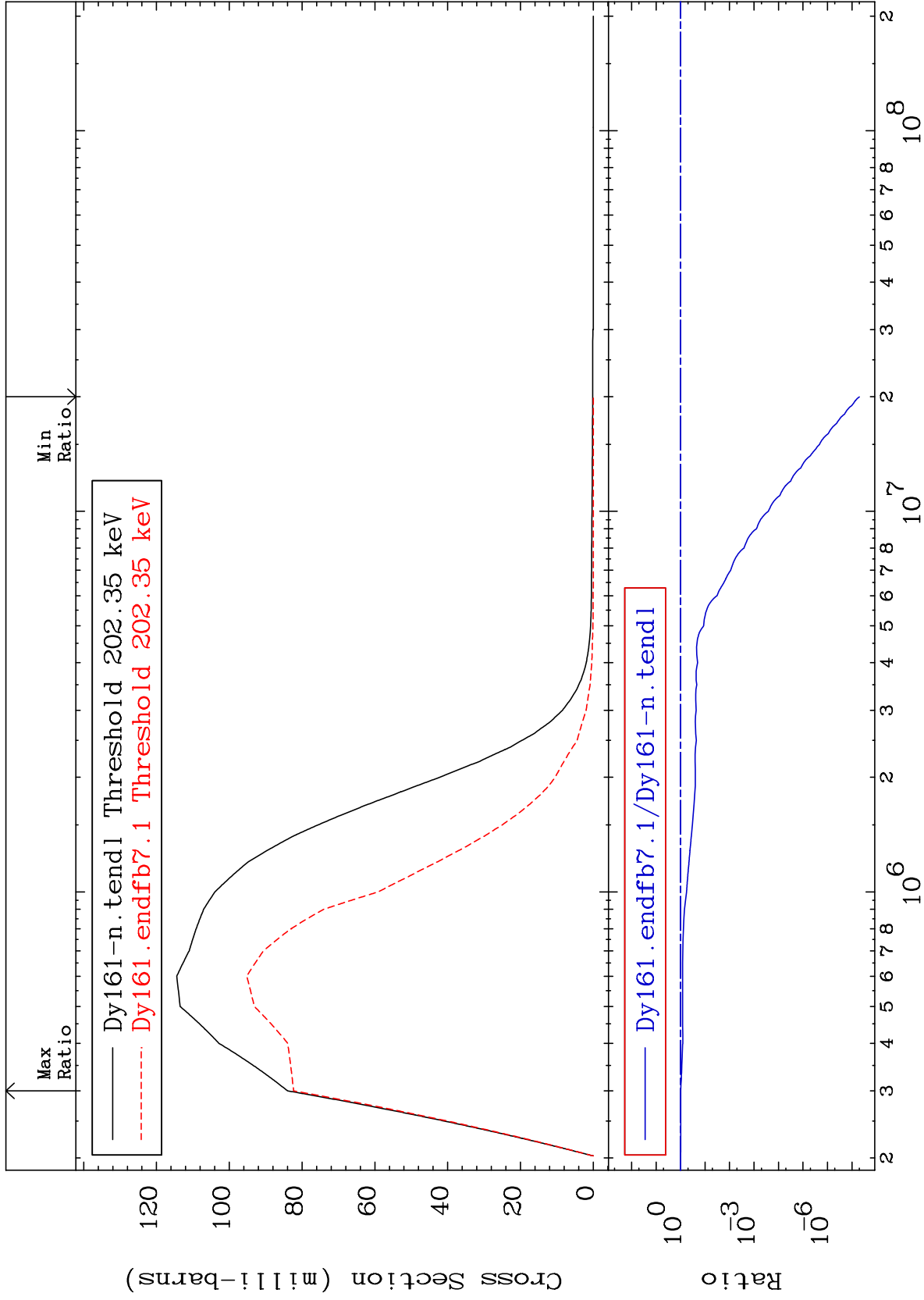


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Incident Energy (eV)

66-Dy-161

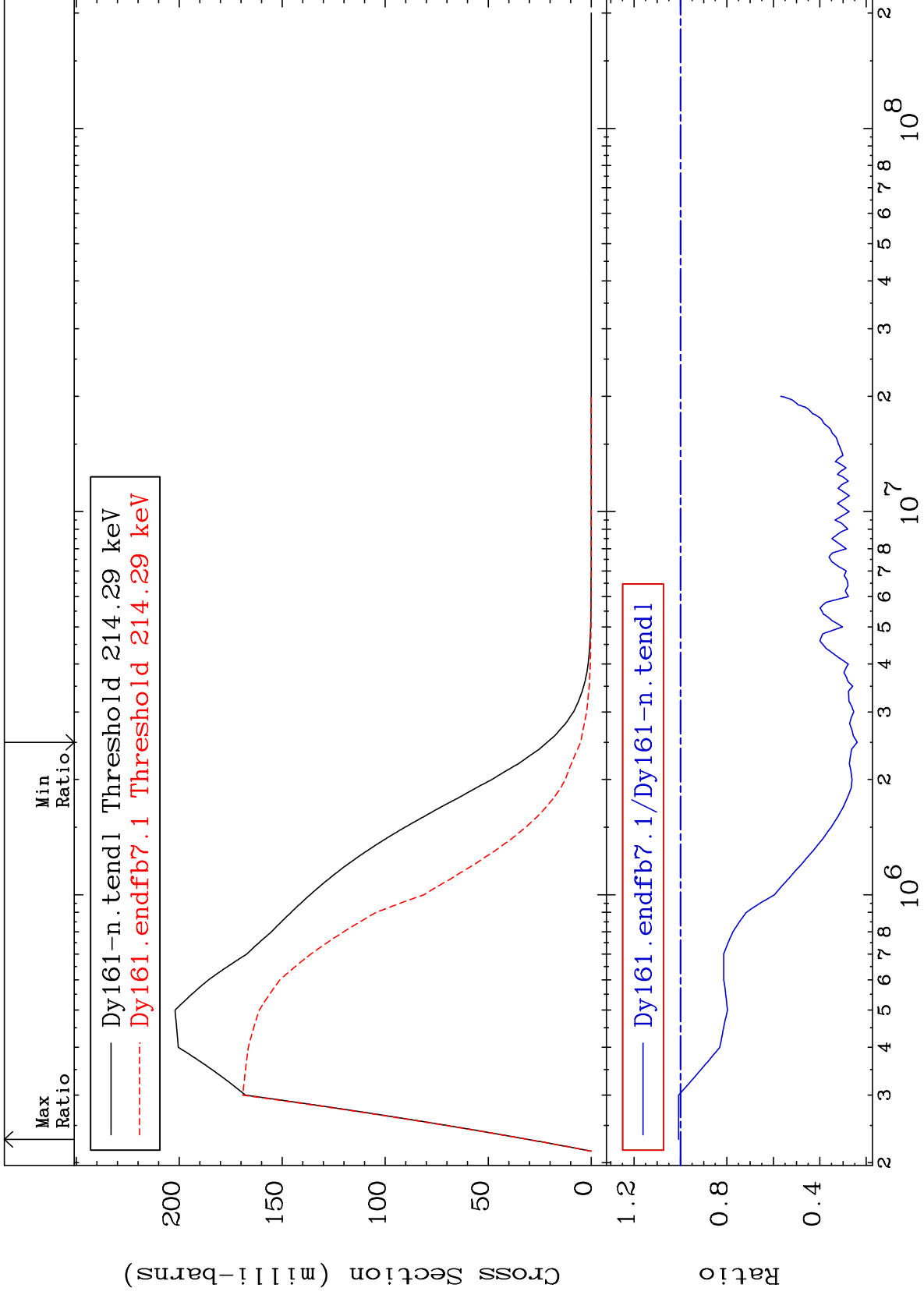
MAT 6640 201.1 keV (n,n') Level 66-Dy-161
 Cross Section -100.0 To -1.990%



MAT 6640

213.0 keV (n,n') Level
Cross Section

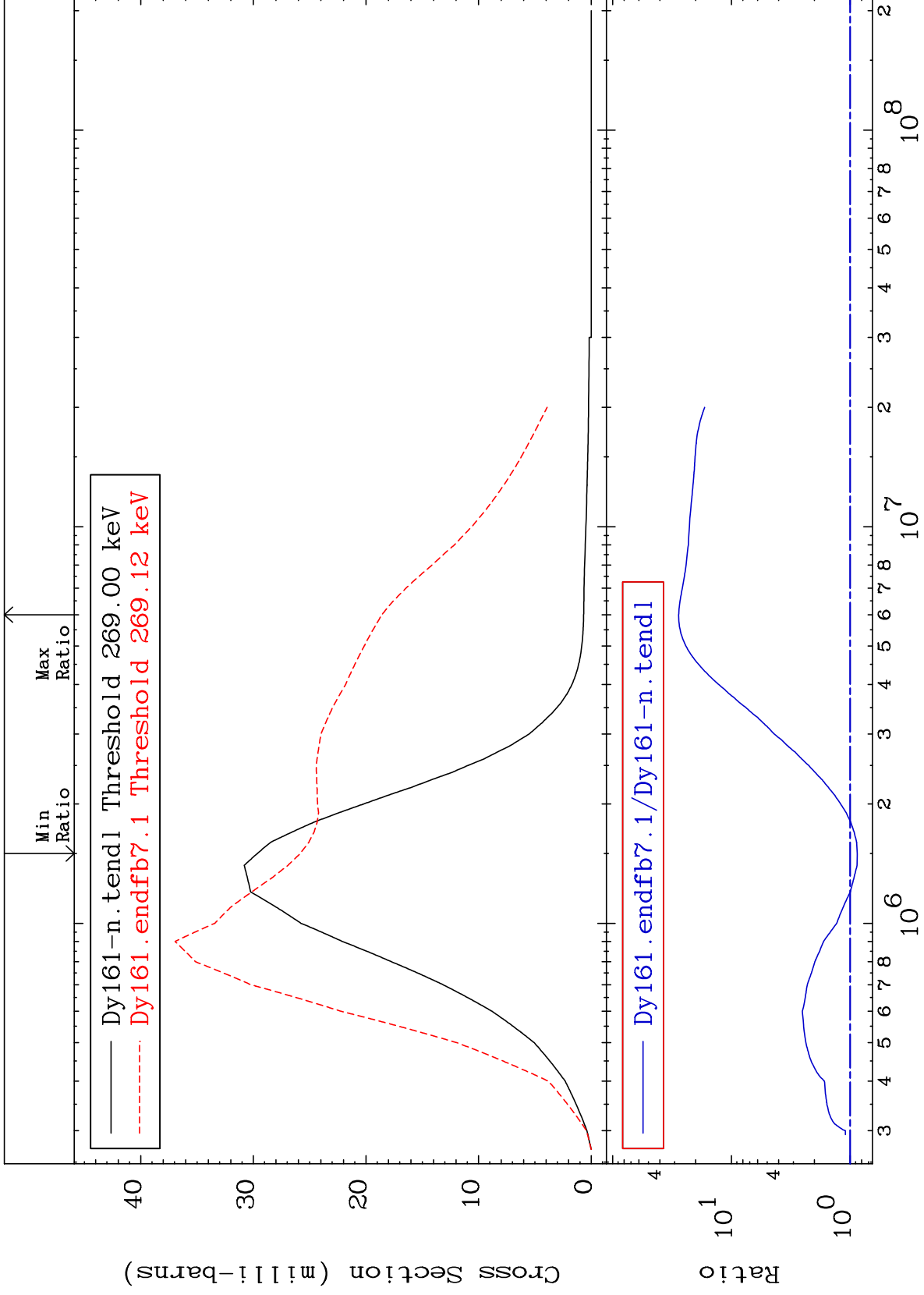
66-Dy-161
-76.11 To 0.779 %



MAT 6640

267.3 keV (n,n') Level
Cross Section

66-Dy-161
-12.85 To 2679. %

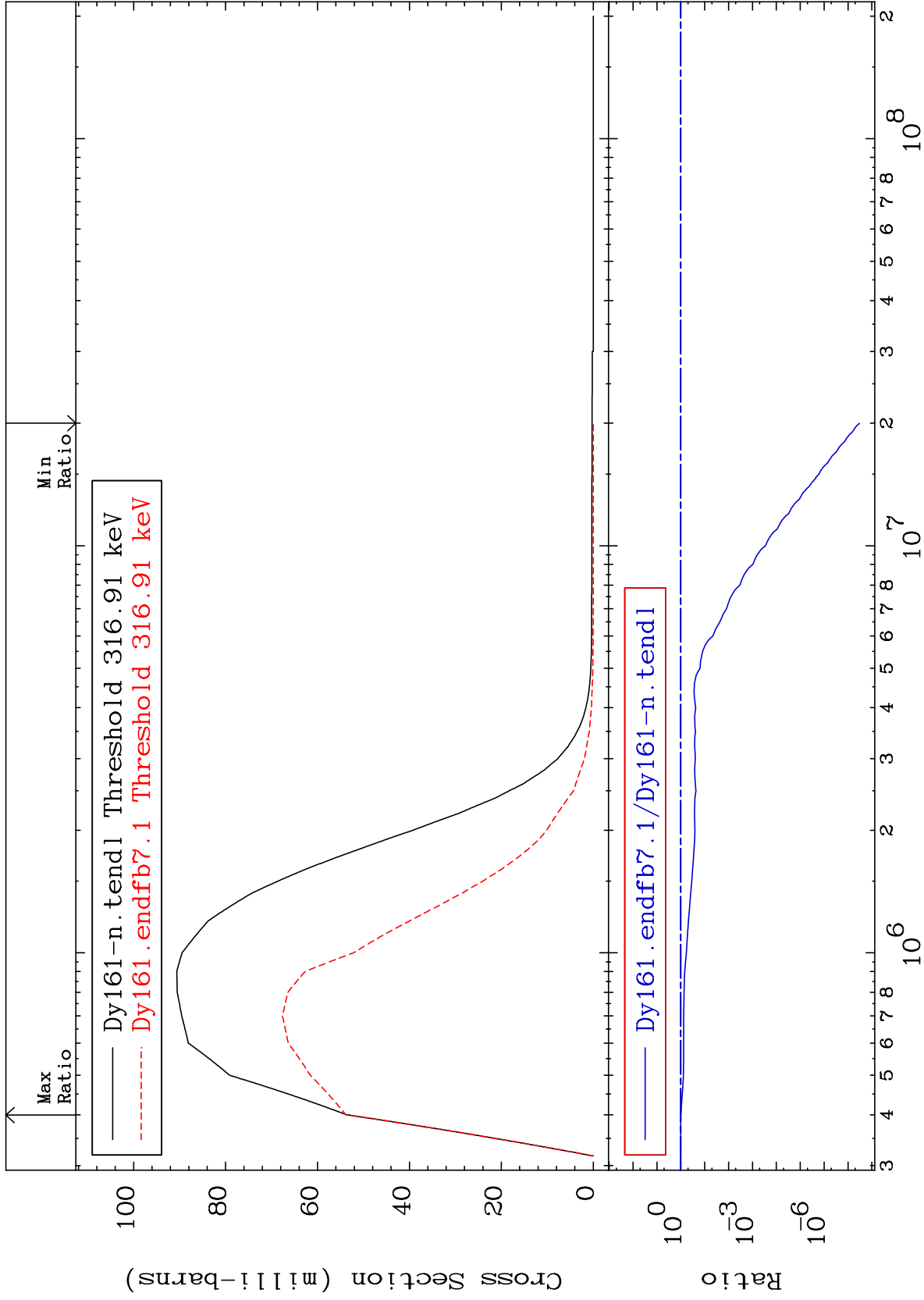


19

Incident Energy (eV)

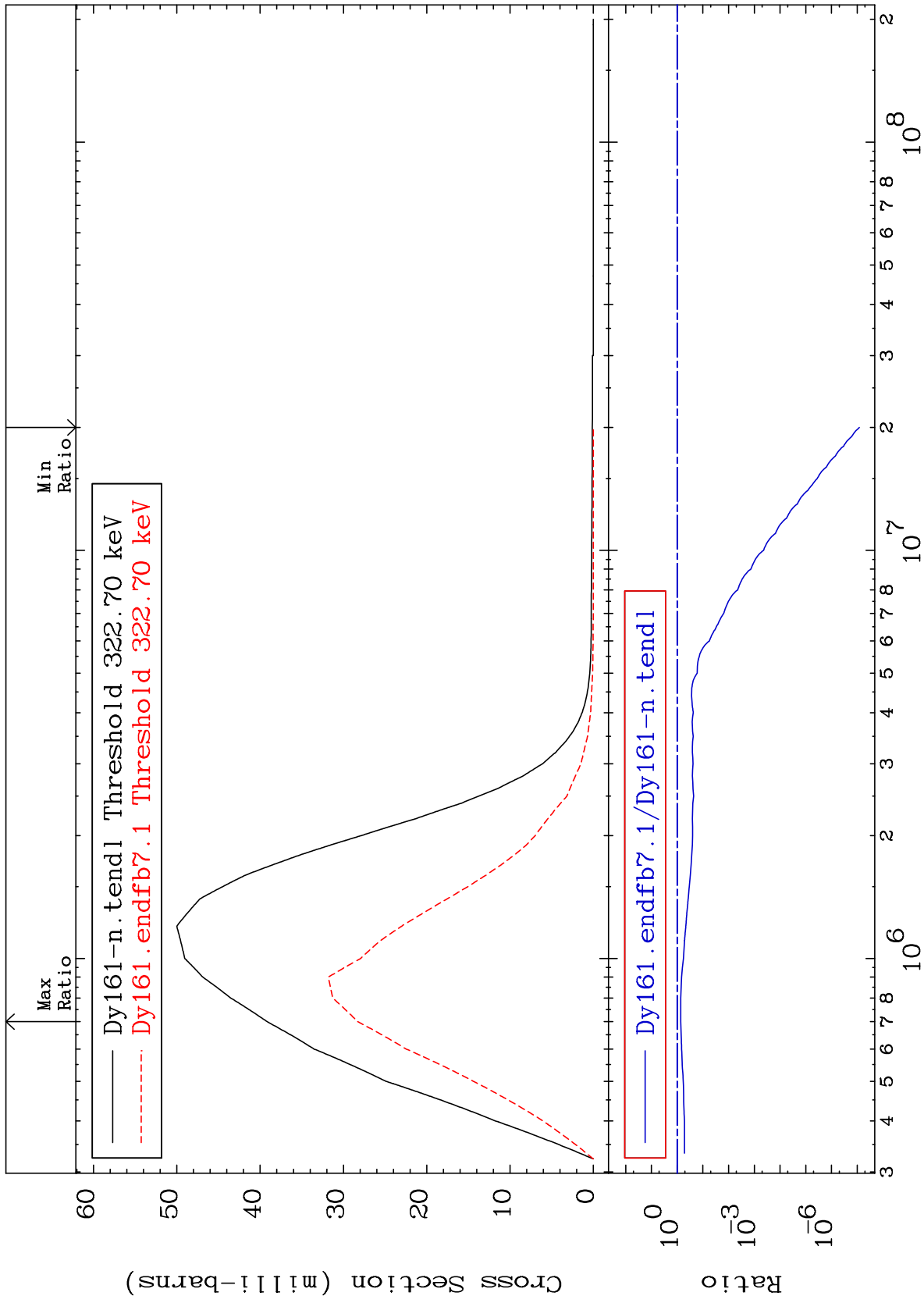
66-Dy-161

MAT 6640 314.9 keV (n,n') Level 66-Dy-161
 Cross Section -100.0 To 0.311 %



20 66-Dy-161

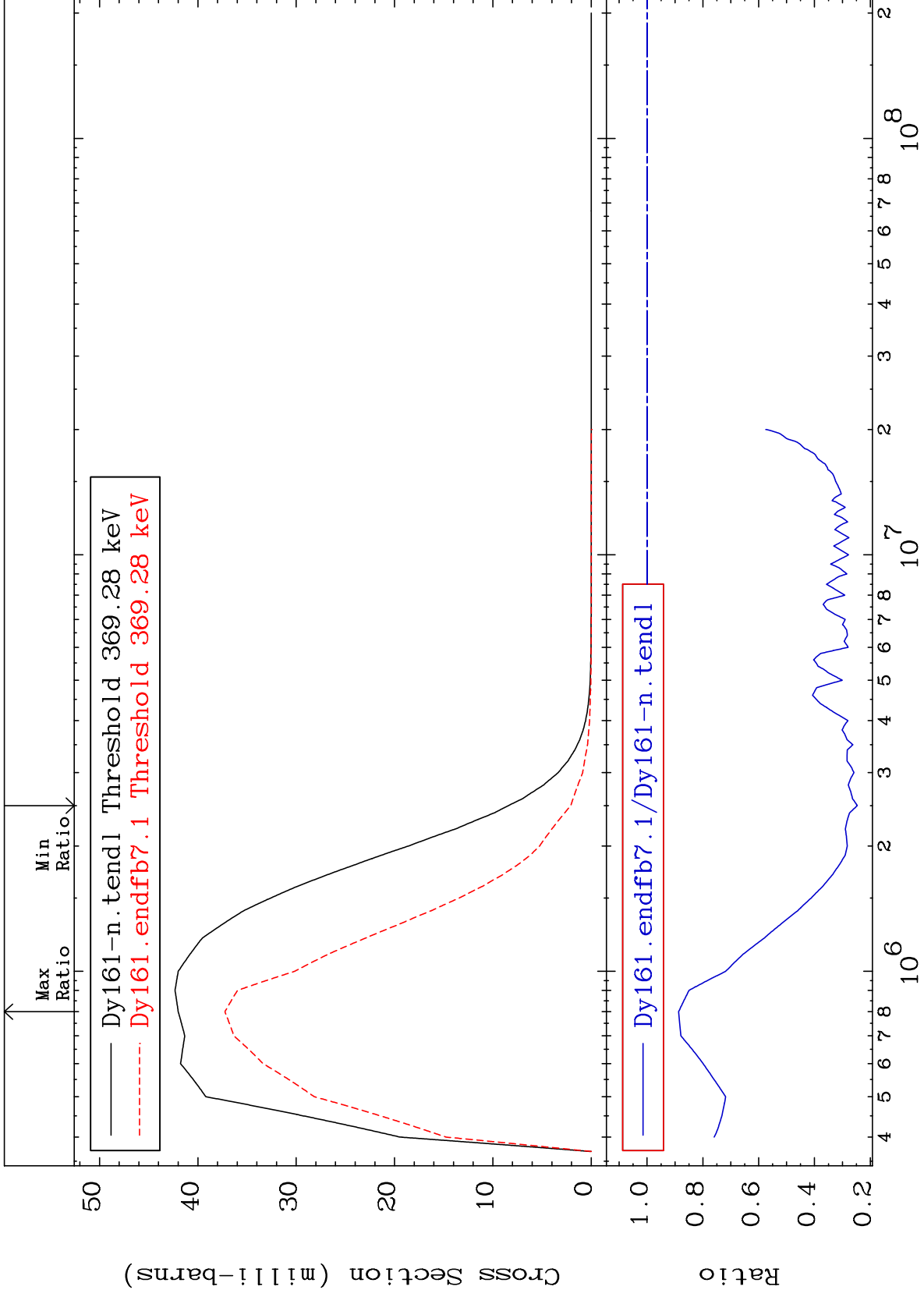
MAT 6640 320.7 keV (n,n') Level 66-Dy-161
 Cross Section -100.0 To -27.78%



MAT 6640

367.0 keV (n,n') Level
Cross Section

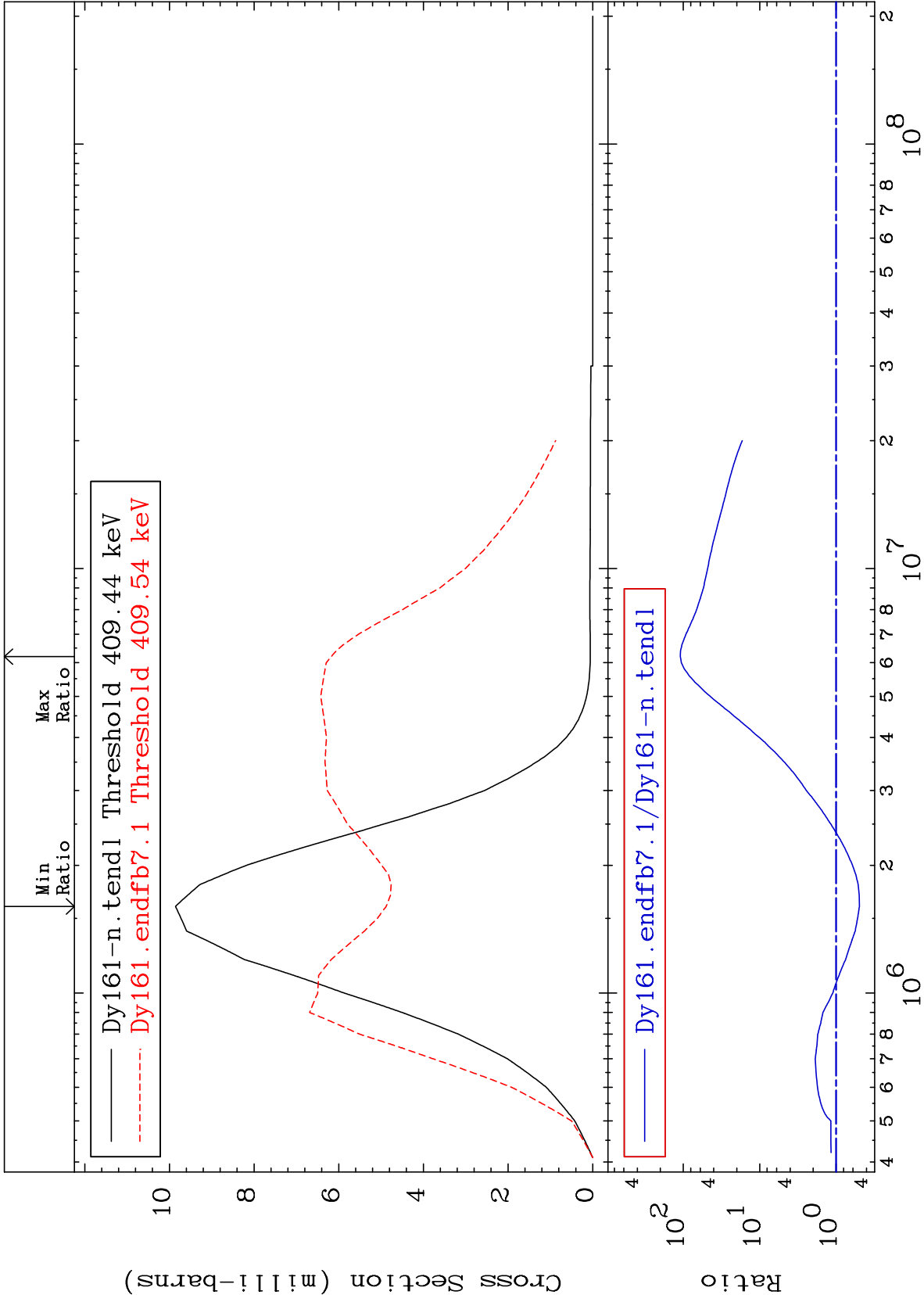
66-Dy-161
-75.32 To -11.31%



MAT 6640

406.9 keV (n,n') Level
Cross Section

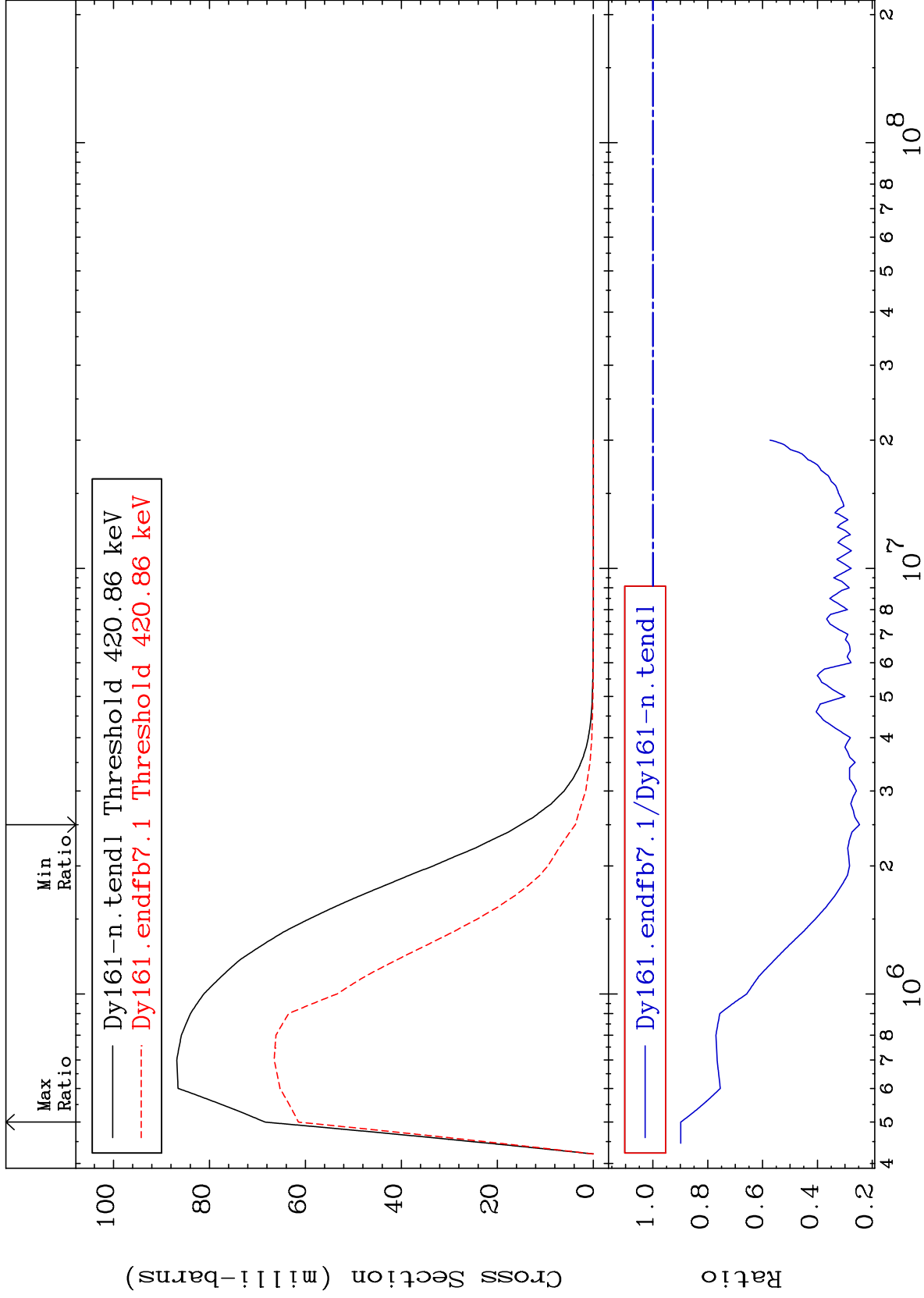
66-Dy-161
-50.50 To 9999. %

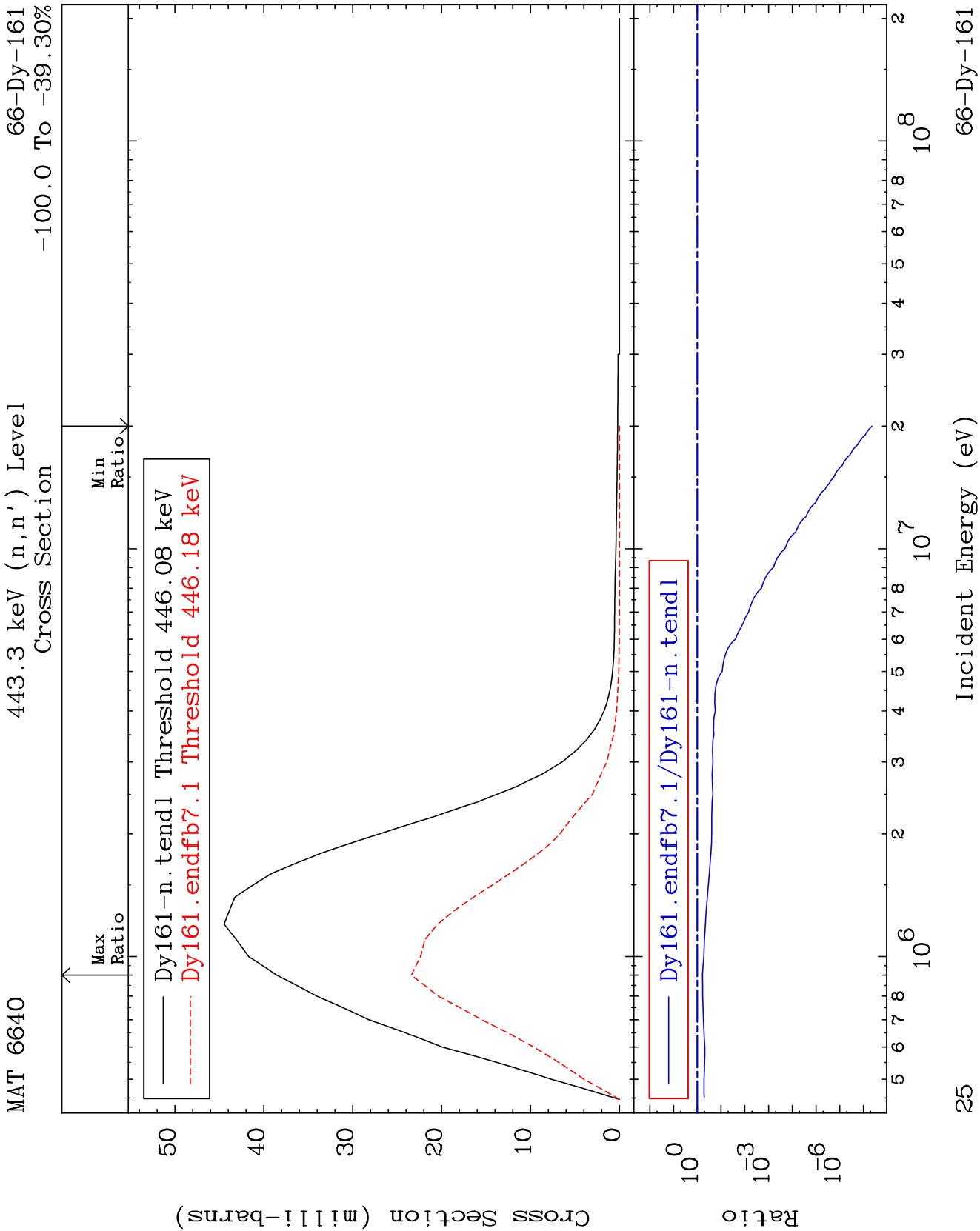


MAT 6640

418.2 keV (n,n') Level
Cross Section

66-Dy-161
-75.34 To -10.15%

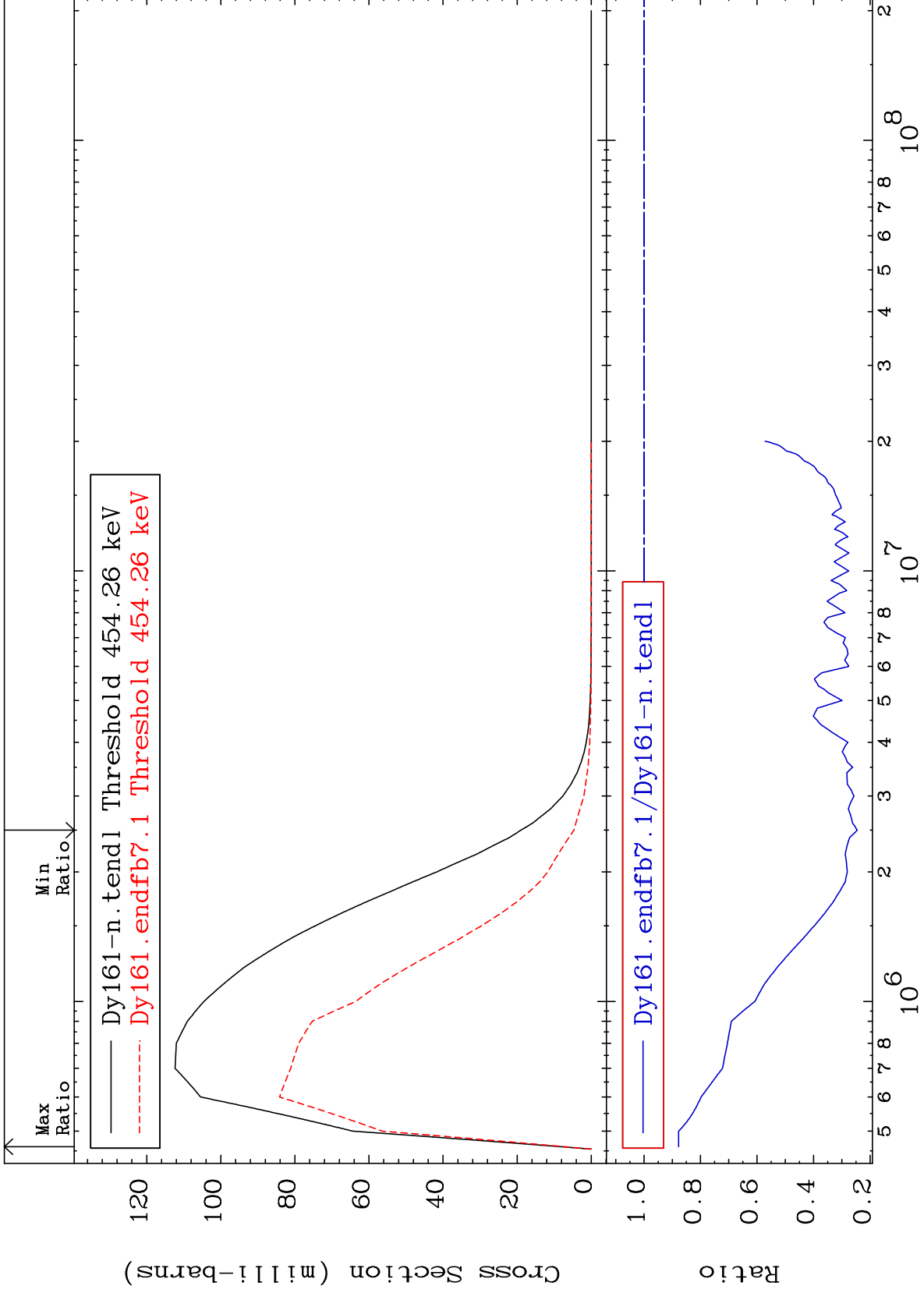


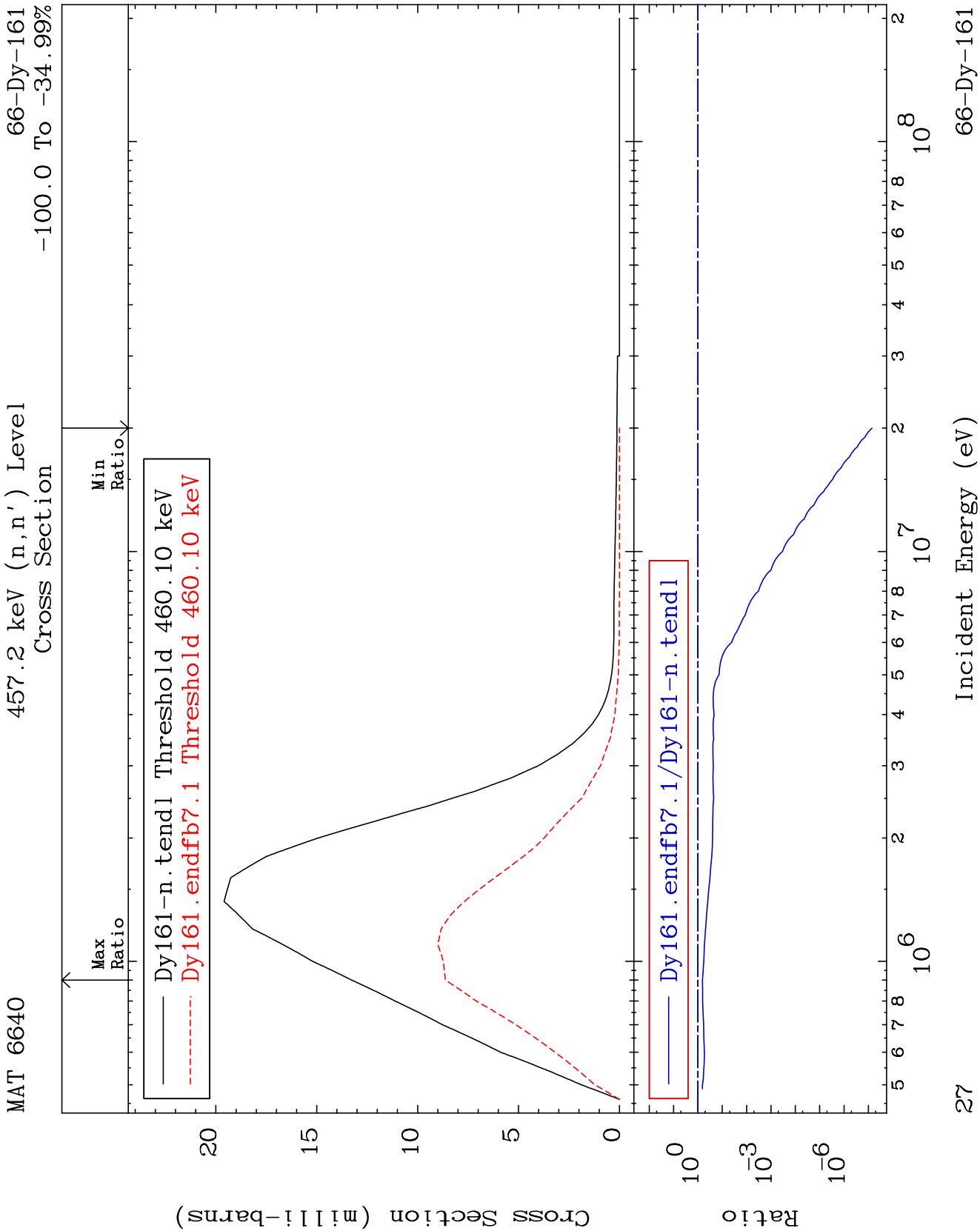


MAT 6640

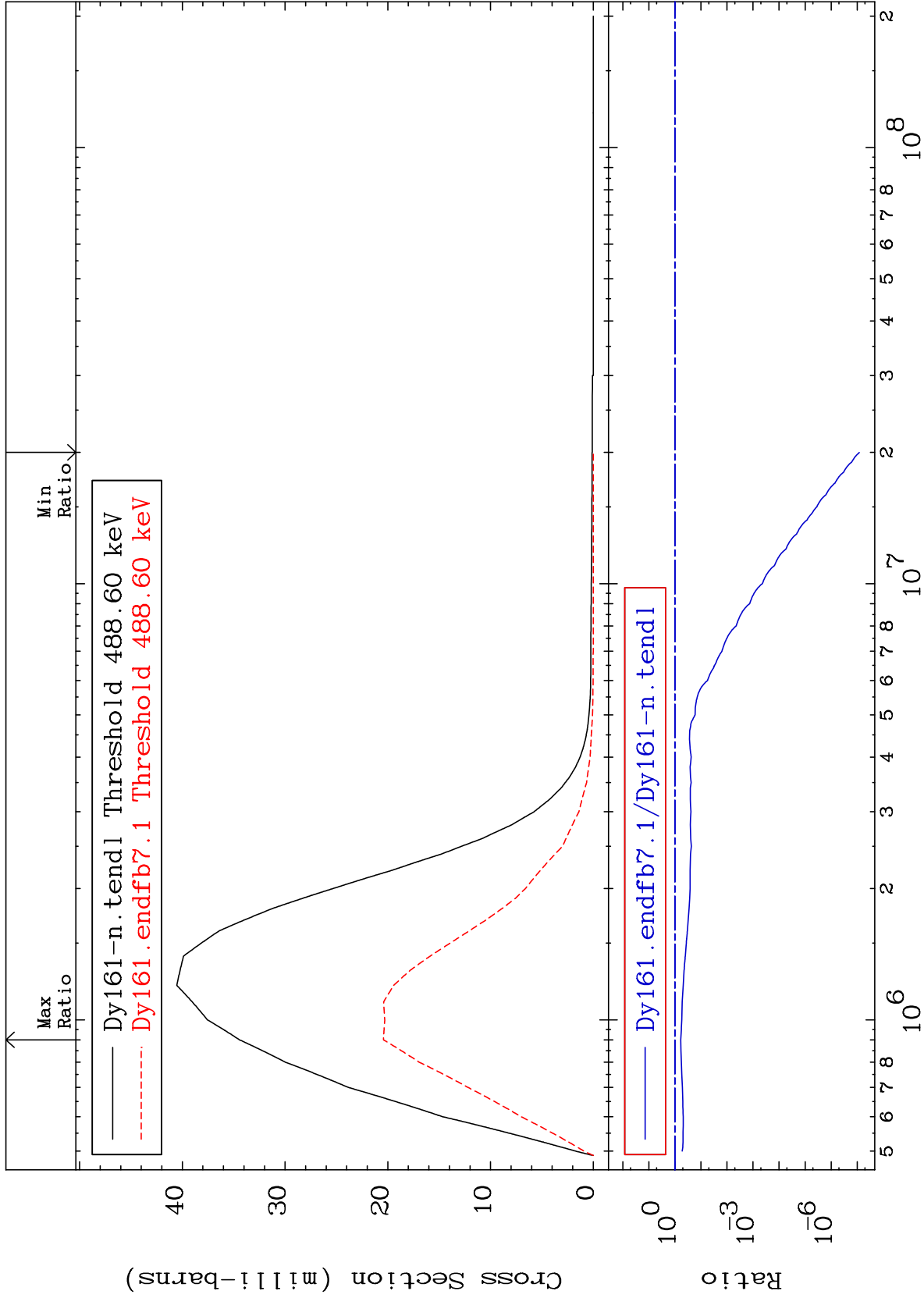
451.4 keV (n,n') Level
Cross Section

66-Dy-161
-75.45 To -12.26%





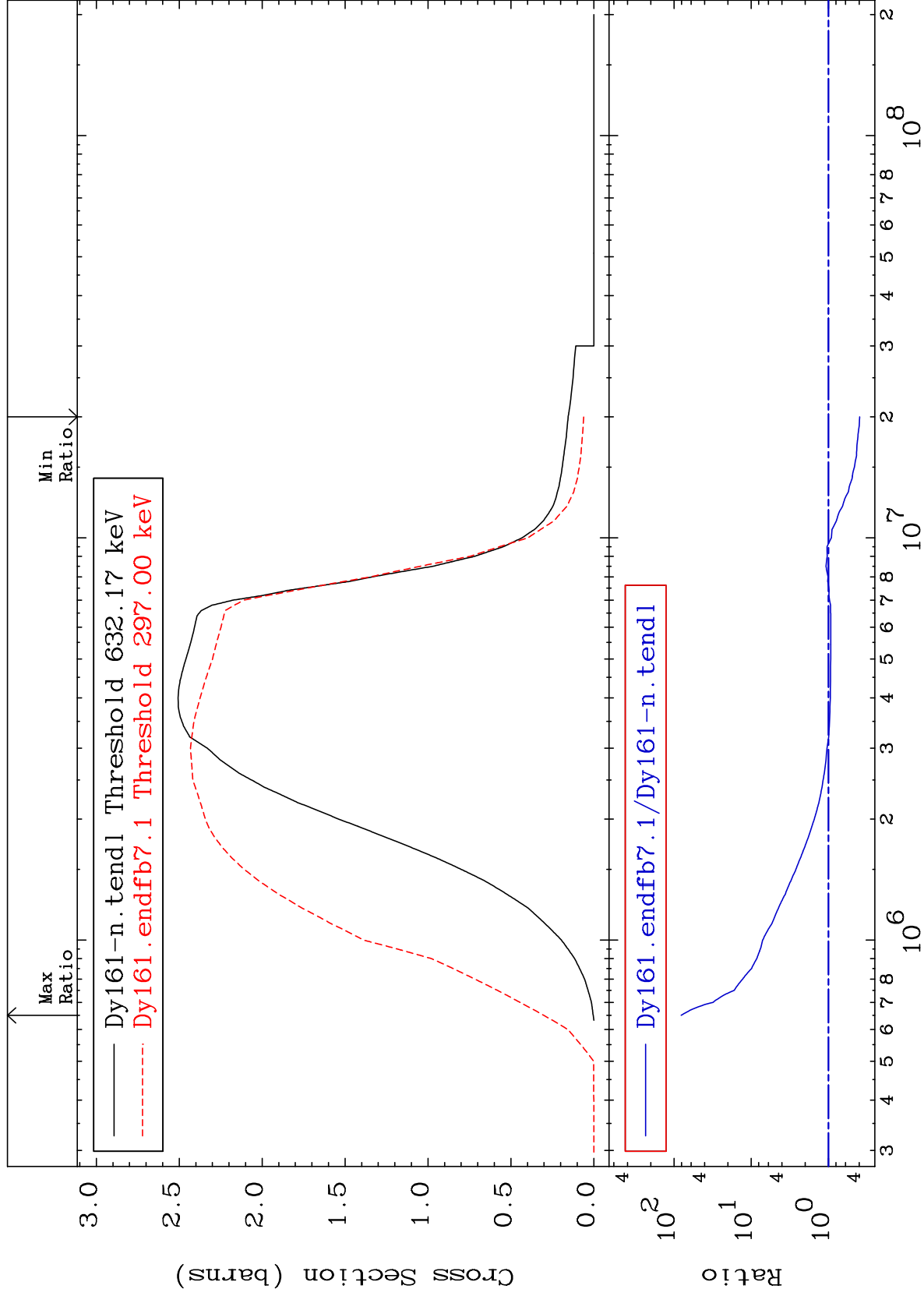
MAT 6640 485.6 keV (n,n') Level 66-Dy-161
 Cross Section -100.0 To -40.67%



MAT 6640

(n, n') Continuum
Cross Section

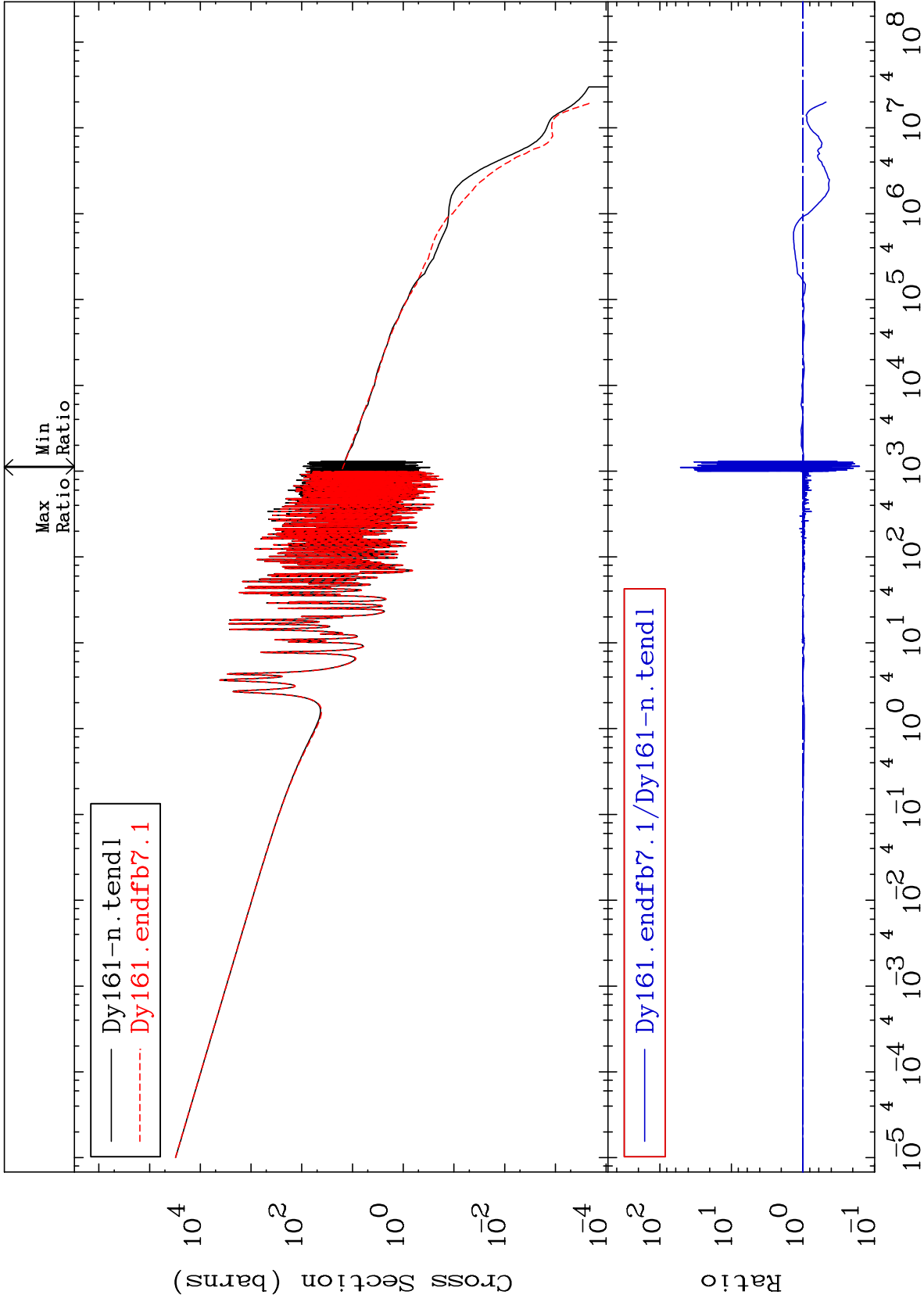
66-Dy-161
-60.58 To 7971. %



MAT 6640

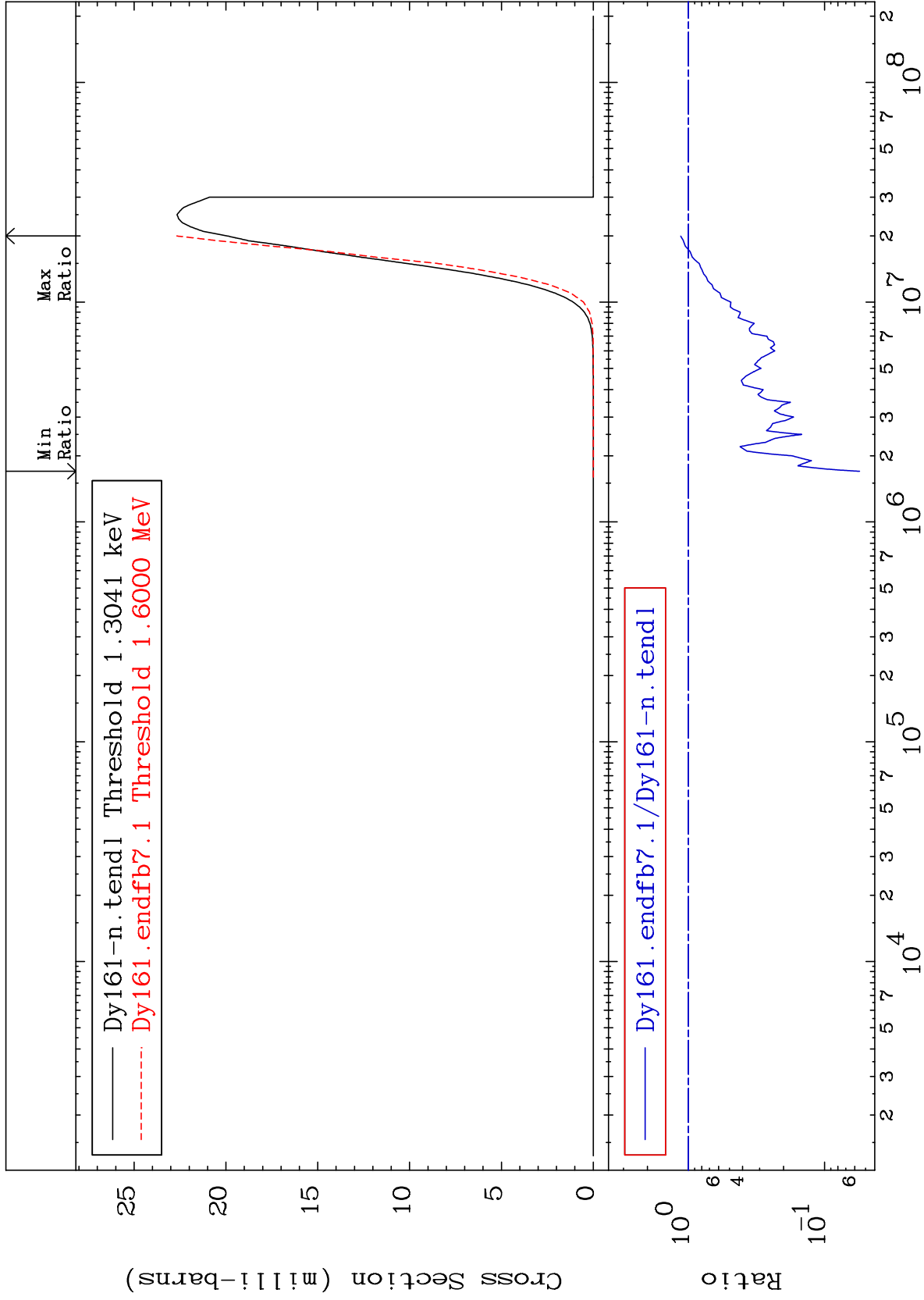
(n, γ)
Cross Section

66-Dy-161
-83.83 To 5064. %



MAT 6640

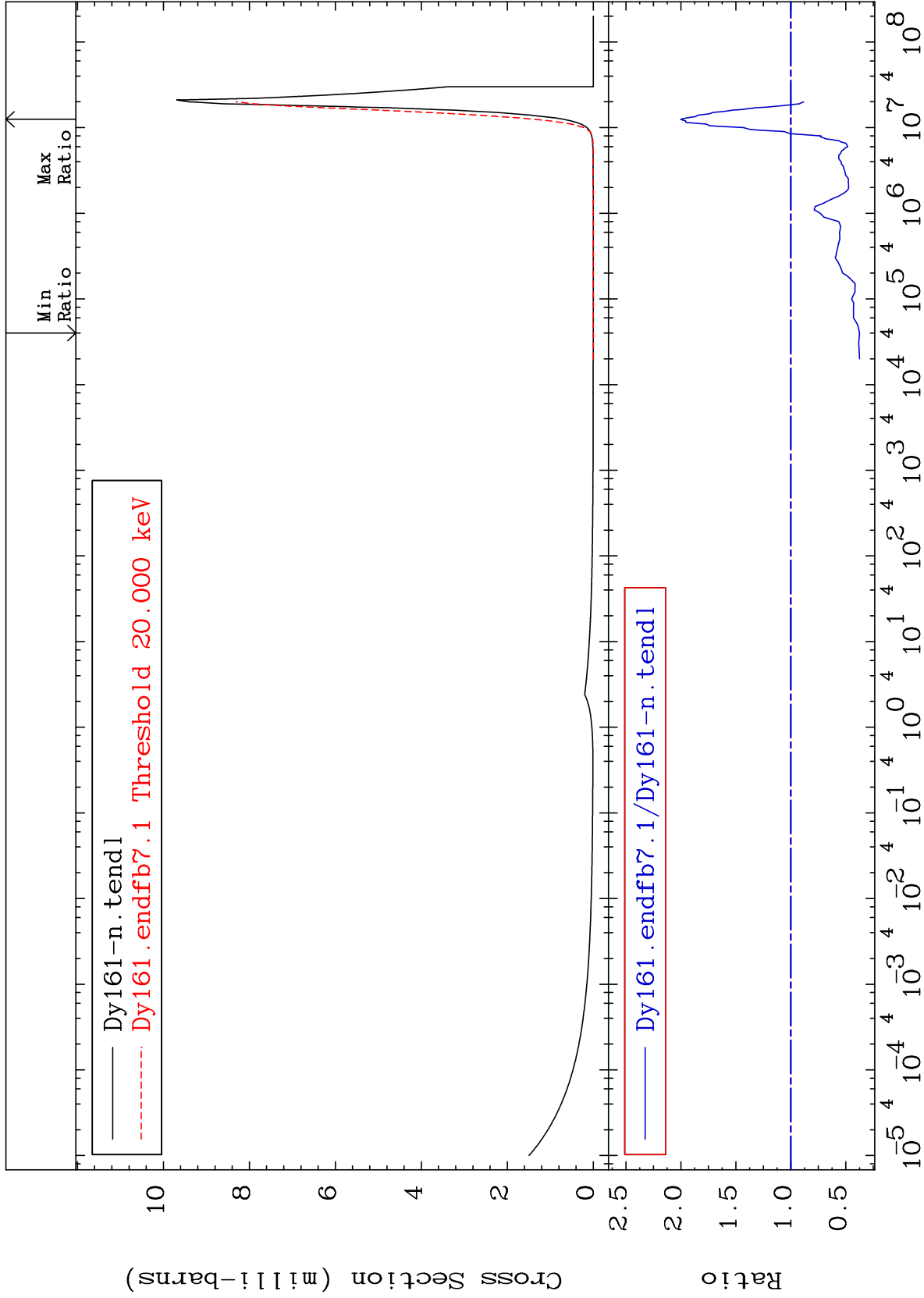
(n,p)
Cross Section
66-Dy-161
-94.46 To 13.88 %

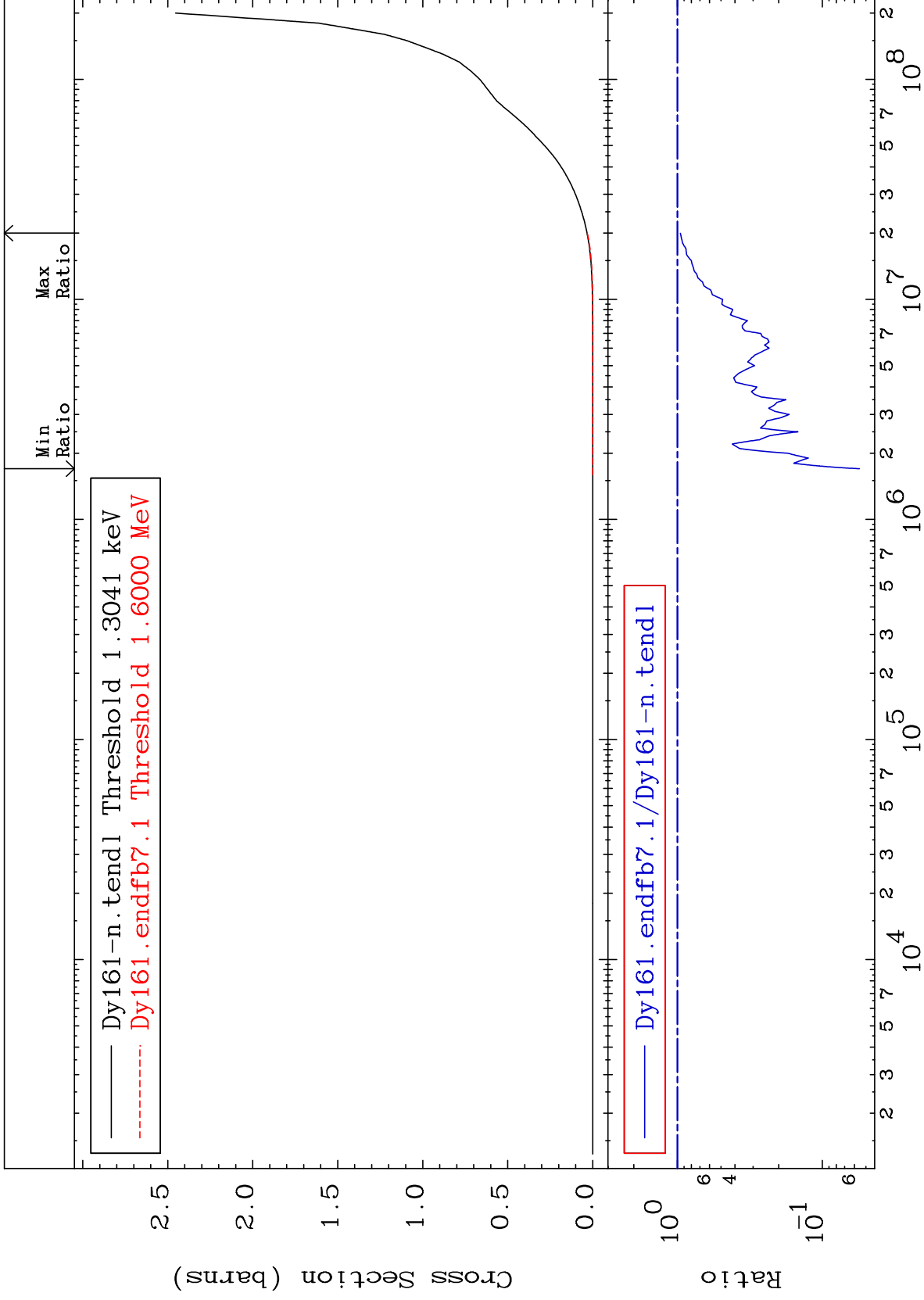


MAT 6640

(n, α)
Cross Section

66-Dy-161
-62.58 To 100.2 %

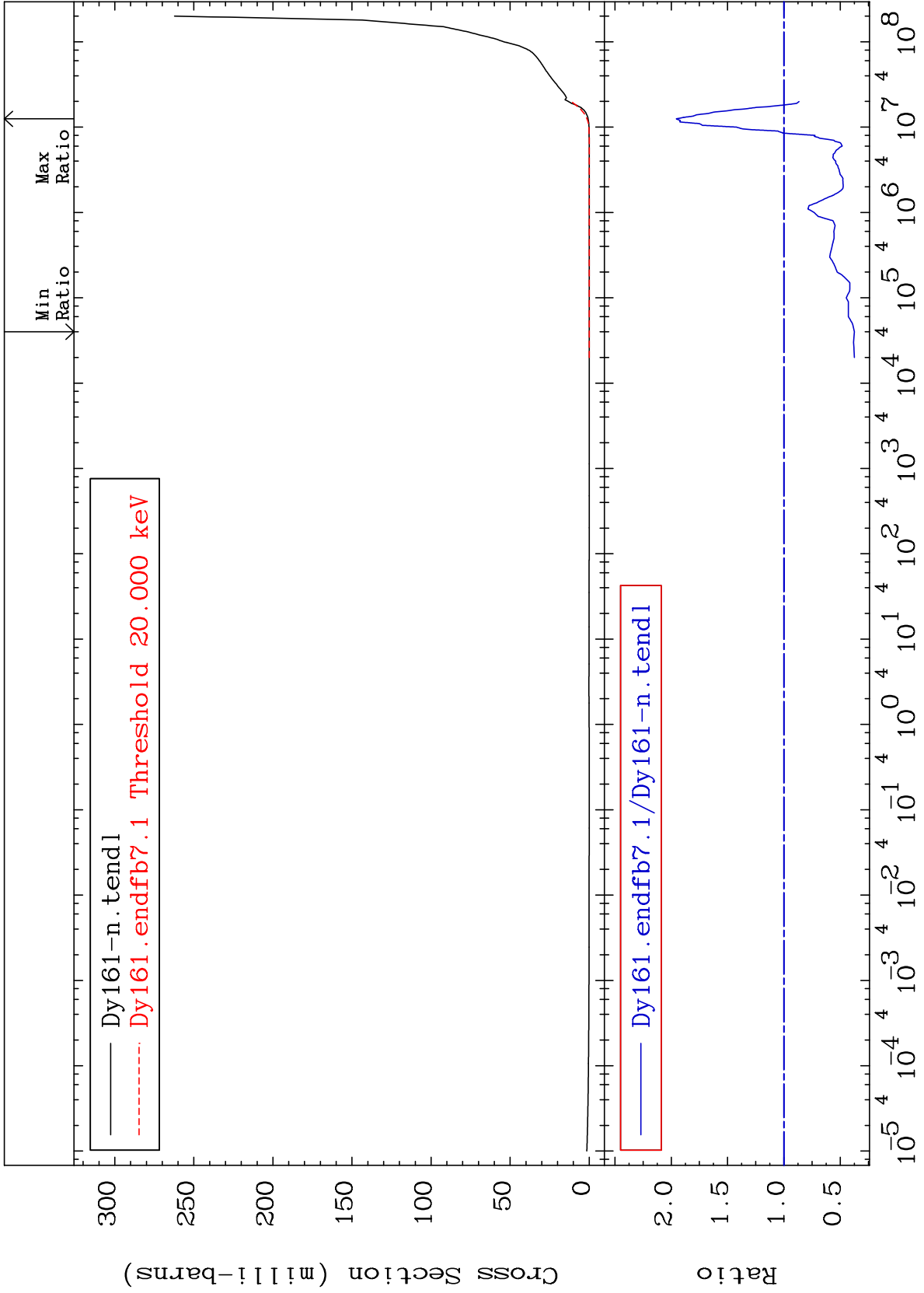




MAT 6640

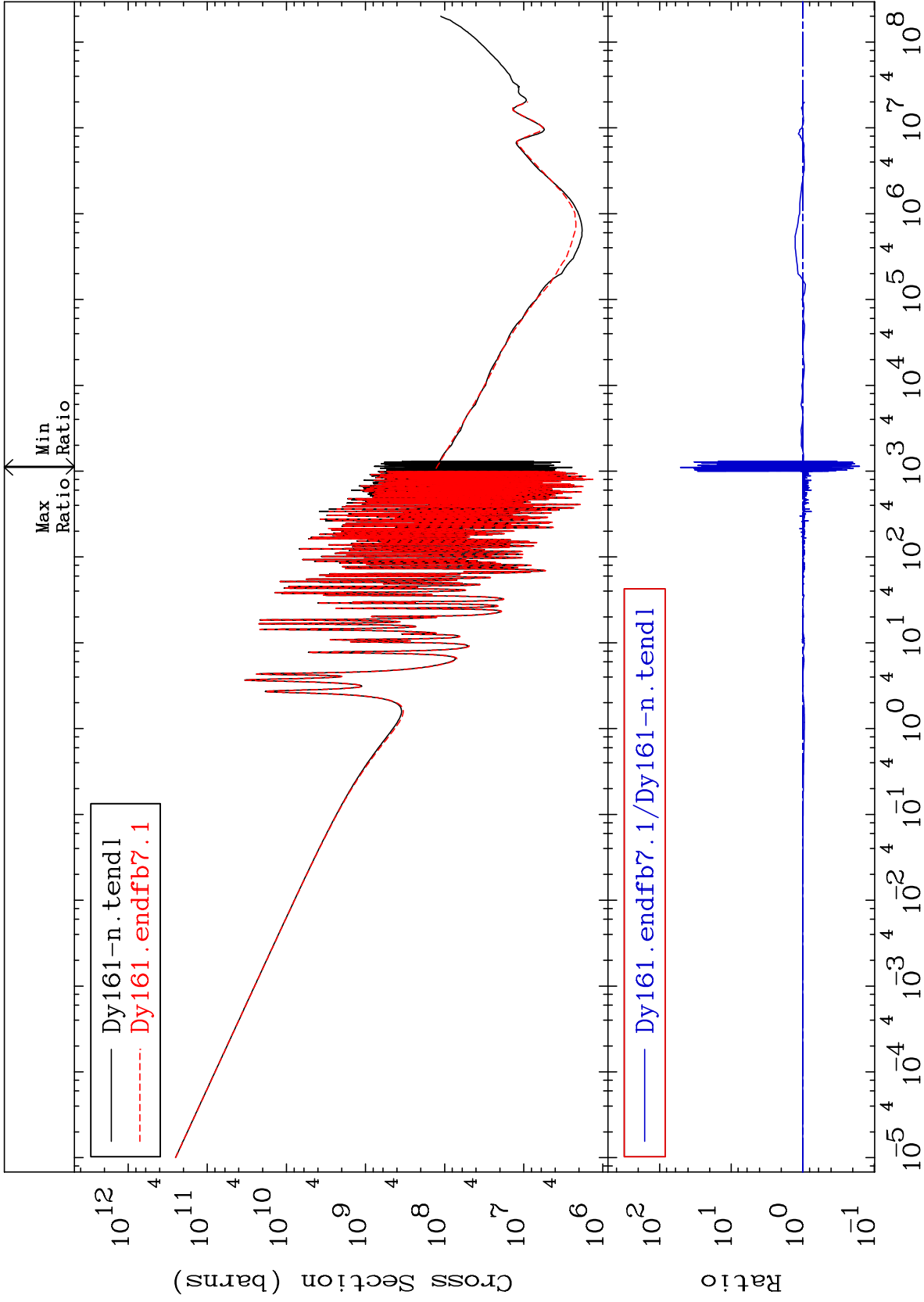
He-4 Production
Cross Section

66-Dy-161
-62.58 To 95.47 %



Cross Section

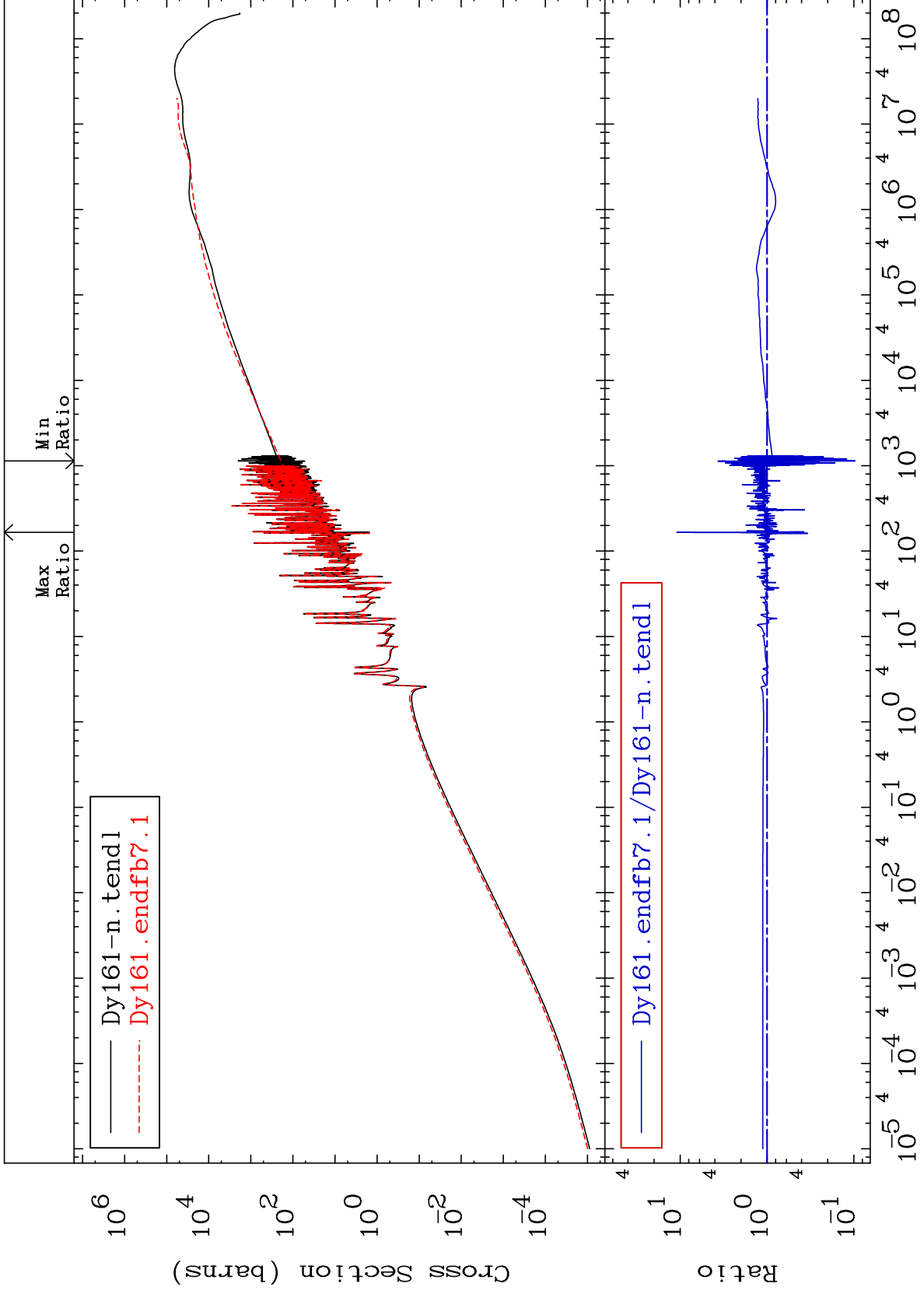
-83.92 To 5034. %



MAT 6640

Kerma elastic
Cross Section

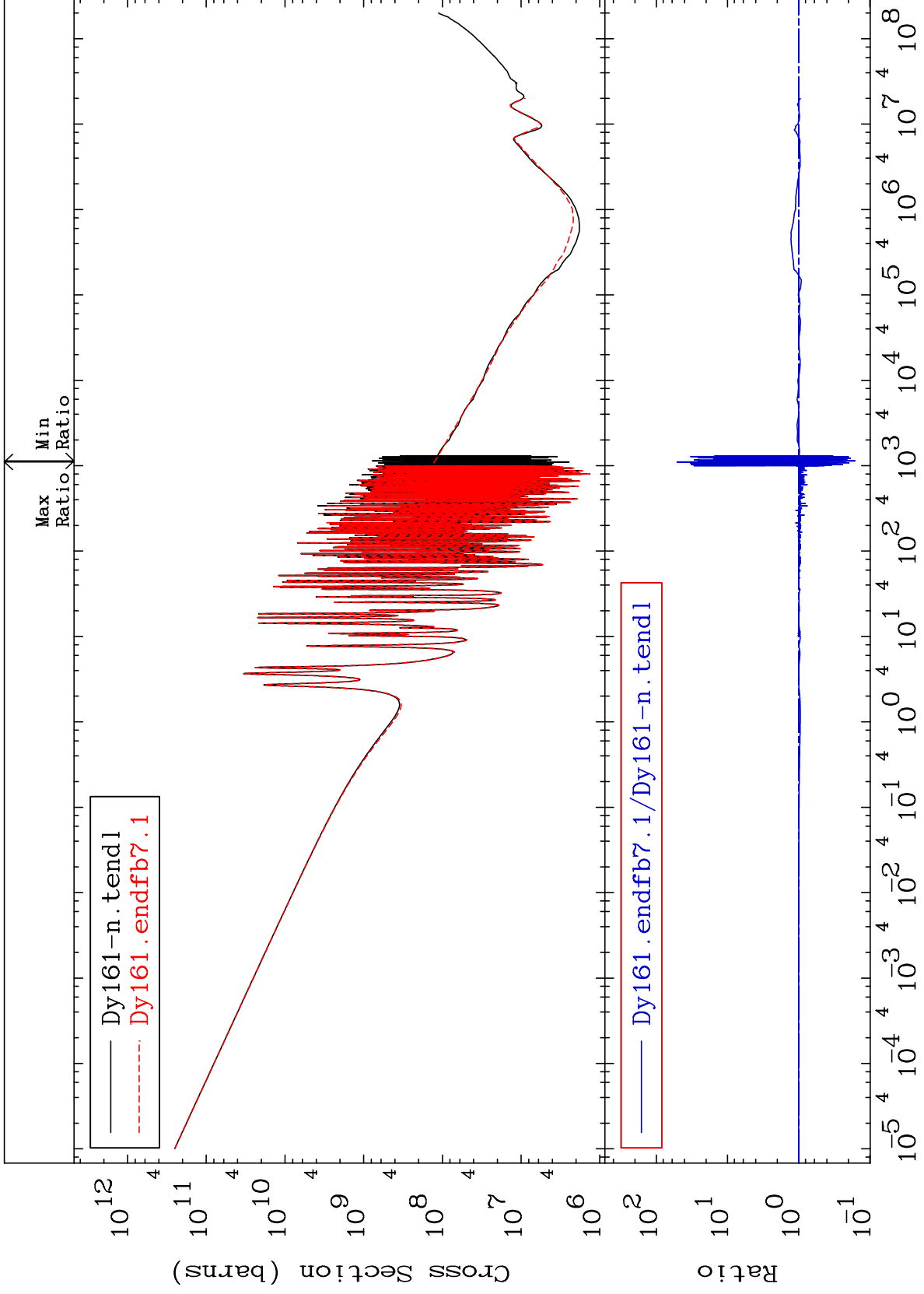
66-Dy-161
-90.30 To 993.3 %

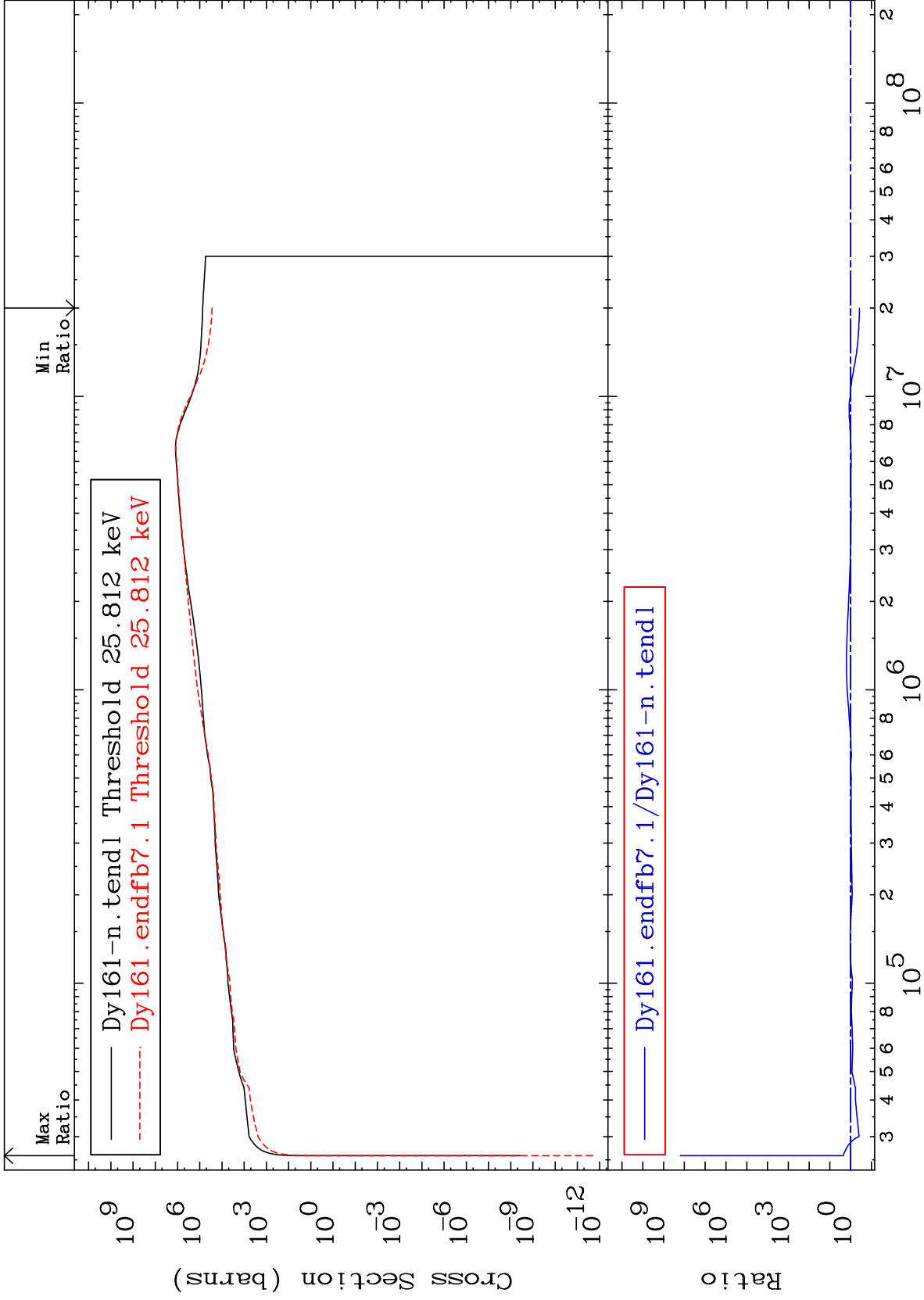


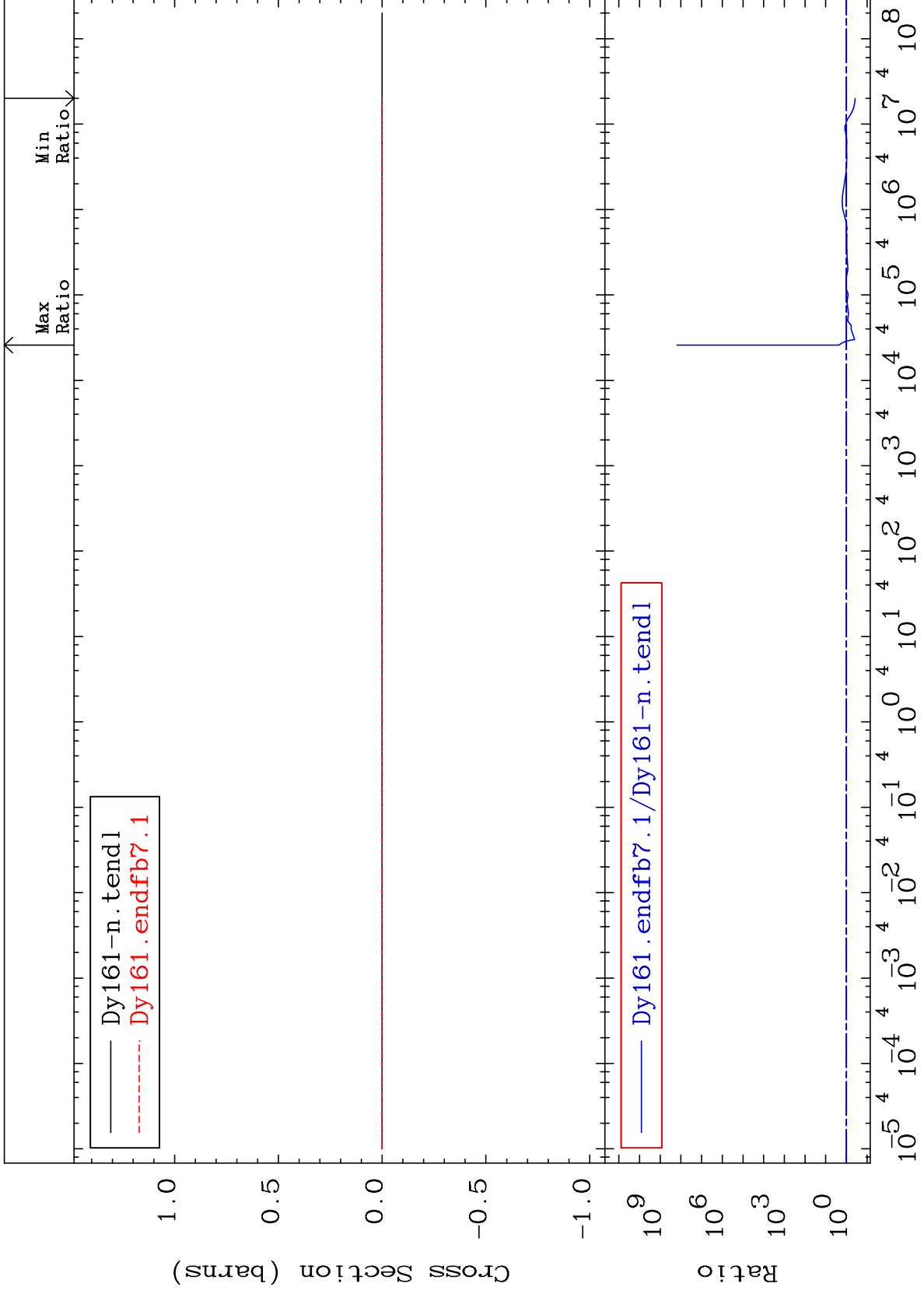
MAT 6640

Kerma non-elastic (all but mt2)
Cross Section

66-Dy-161
-83.92 To 5034. %



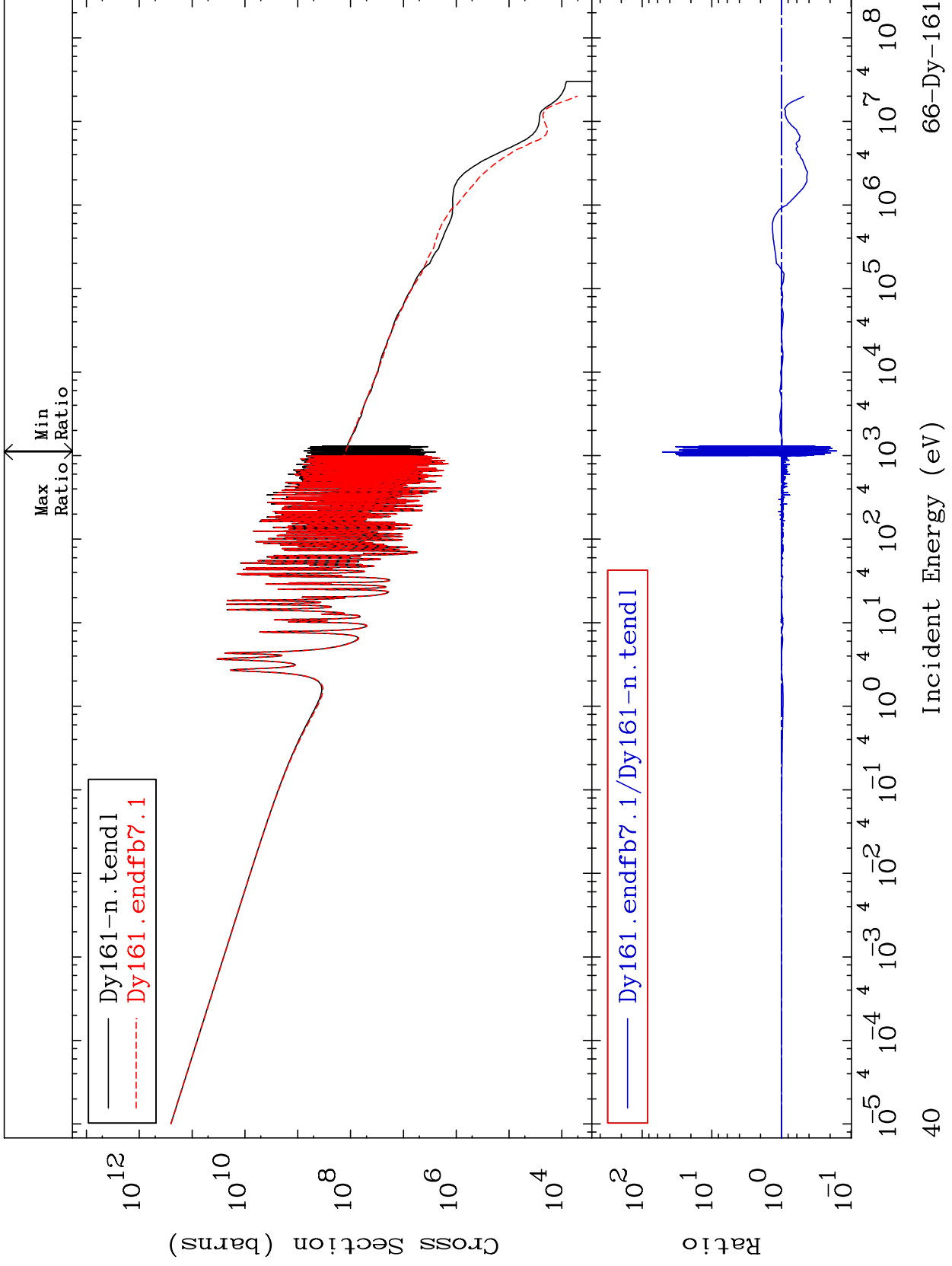




MAT 6640

Kerma capture (mt102)
Cross Section

66-Dy-161
-83.92 To 5034. %



40

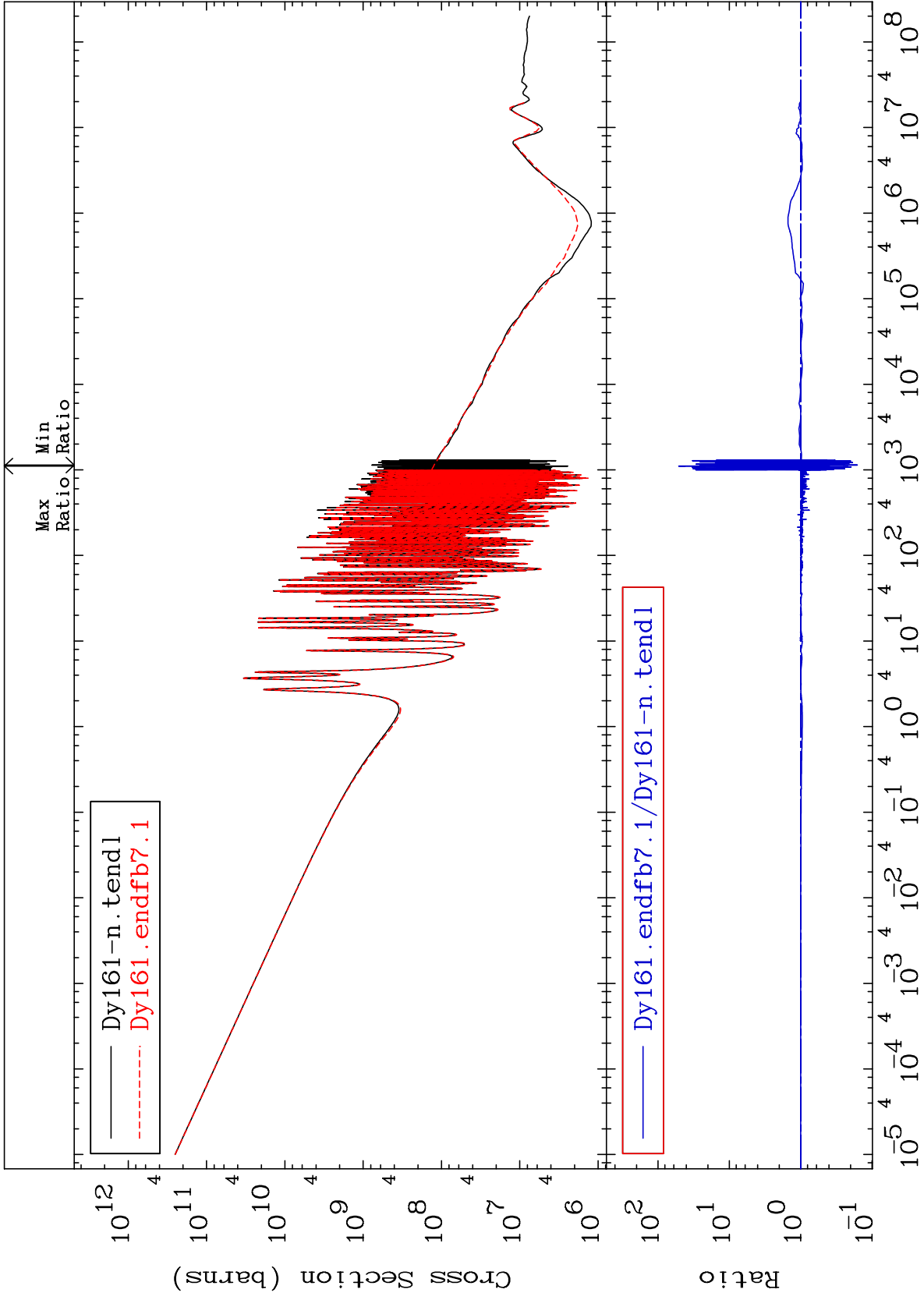
Incident Energy (eV)

66-Dy-161

MAT 6640

Total photon (eV-barns)
Cross Section

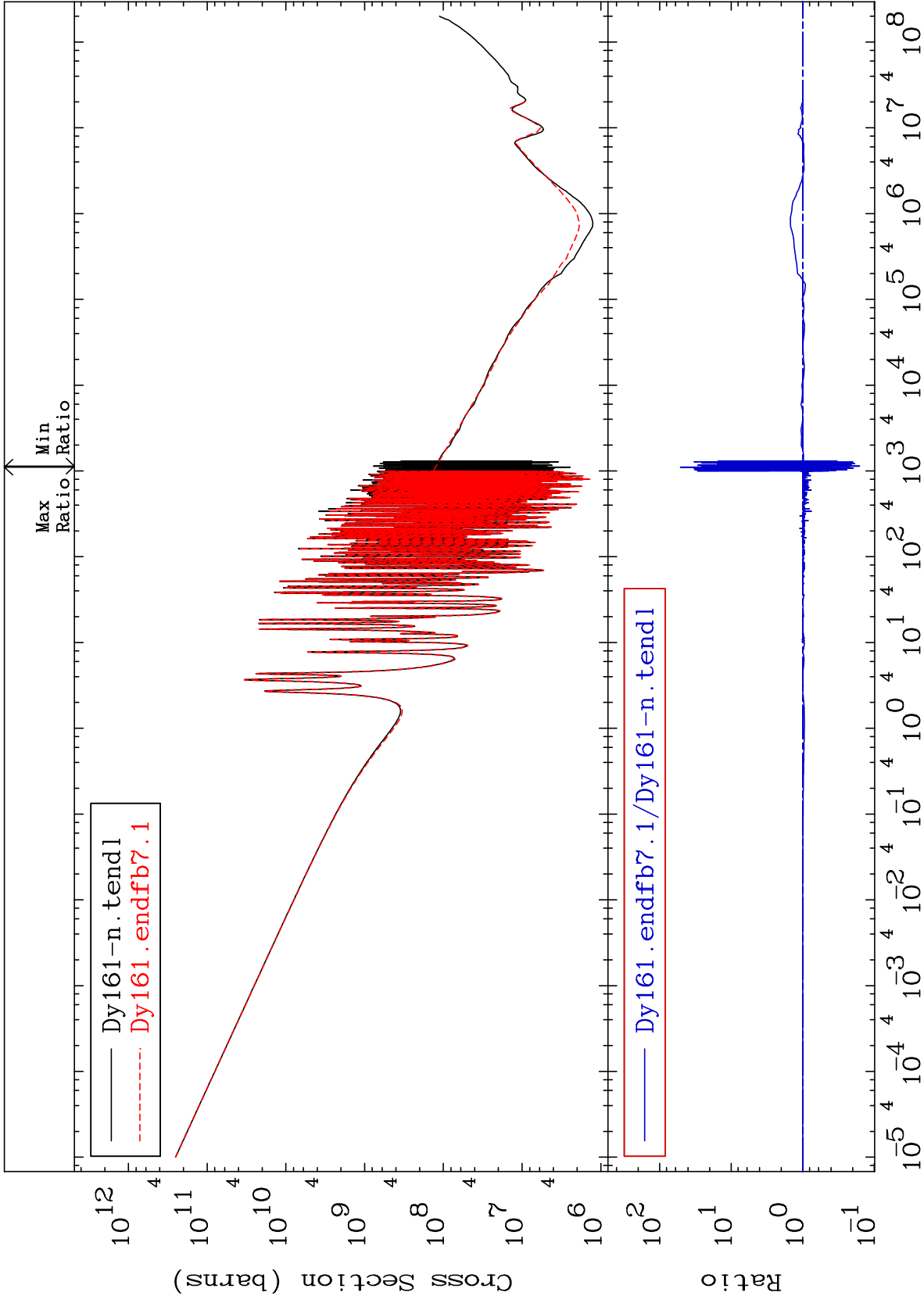
66-Dy-161
-83.92 To 5034. %



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Incident Energy (eV)

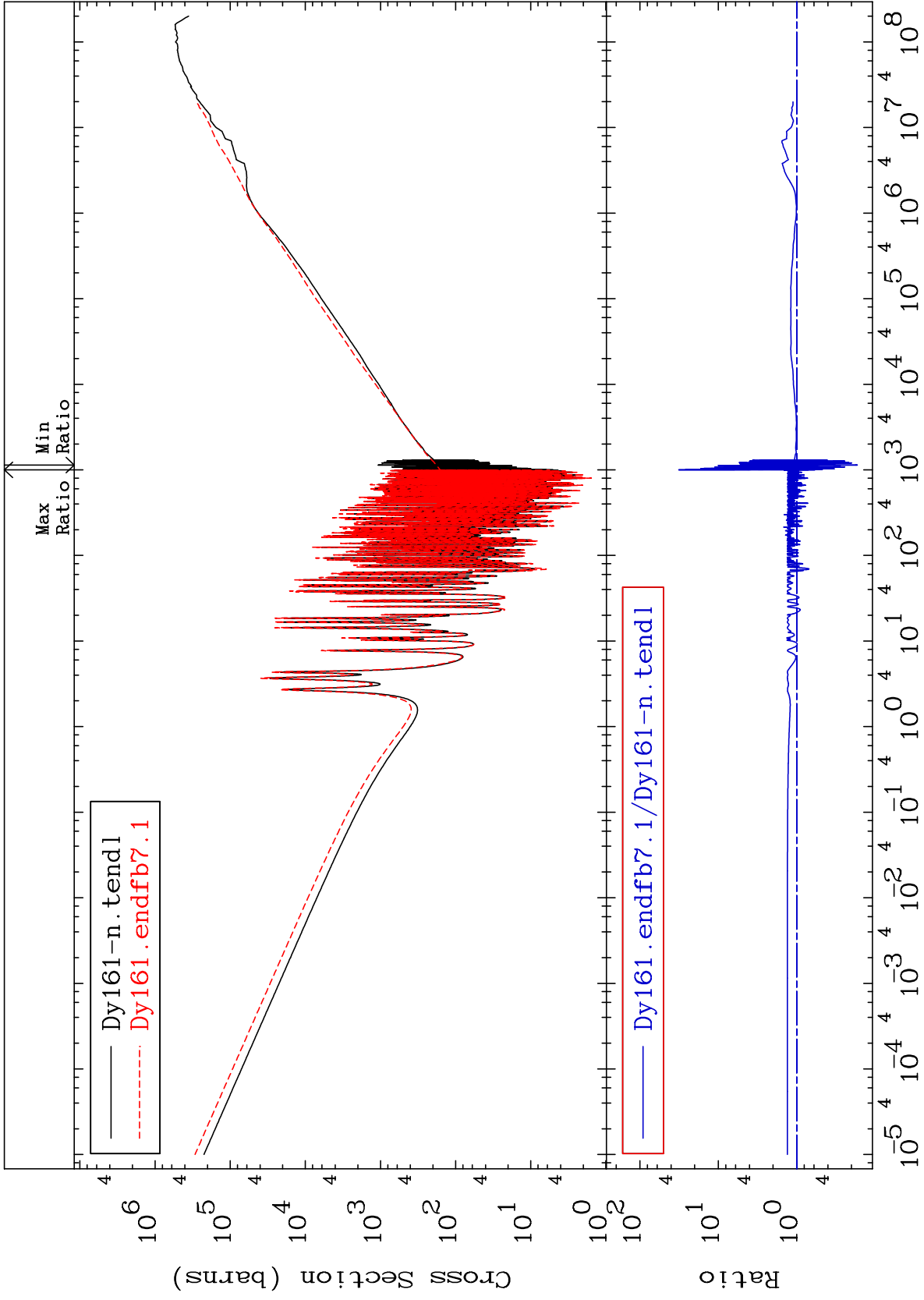
66-Dy-161



MAT 6640

Dpa total (eV-barns)
Cross Section

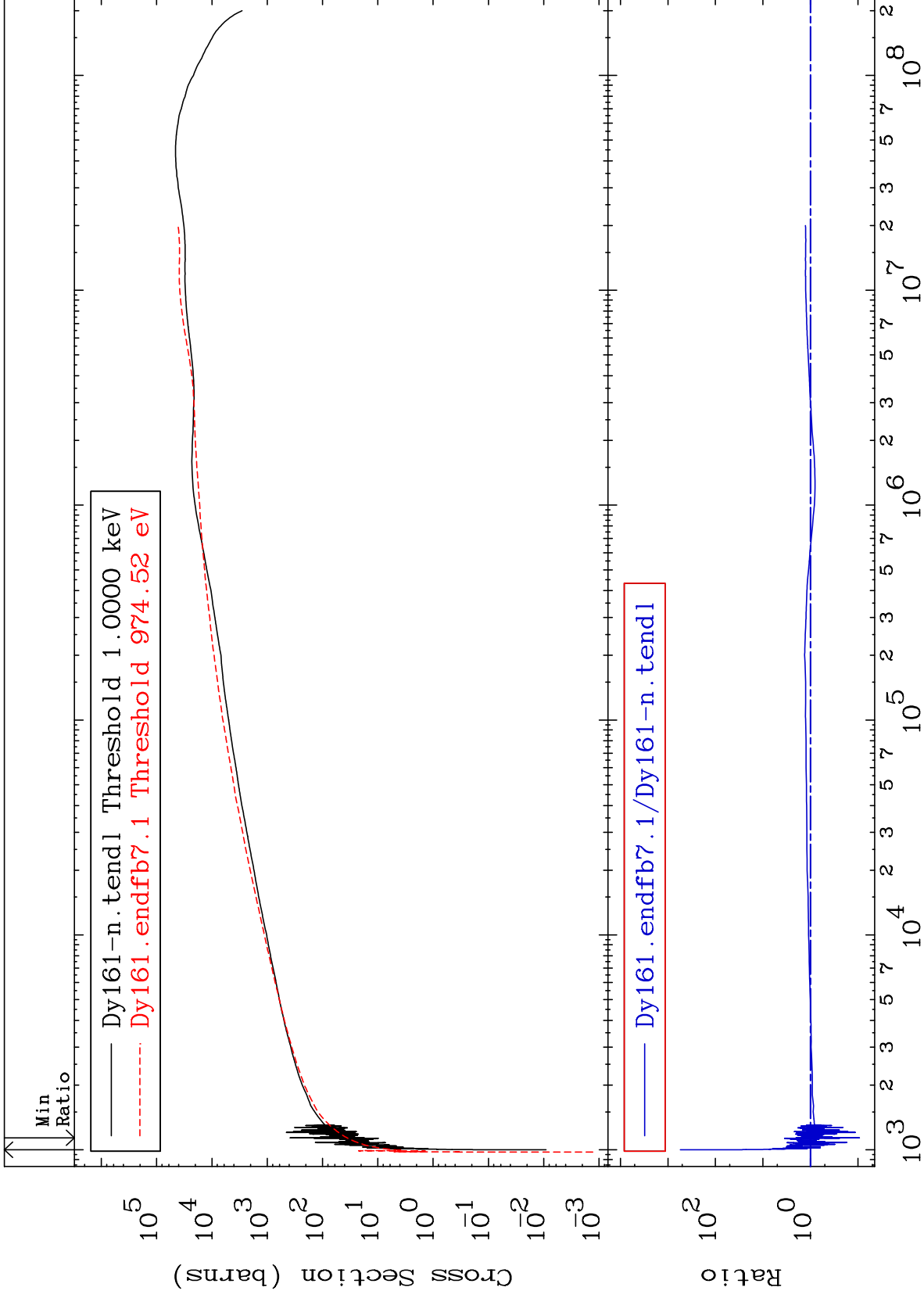
66-Dy-161
-83.10 To 3100. %



MAT 6640

Dpa elastic (mt2)
Cross Section

66-Dy-161
-90.68 To 9999. %



MAT 6640

Dpa inelastic (mt51-91)
Cross Section

66-Dy-161
-60.50 To 9999. %

