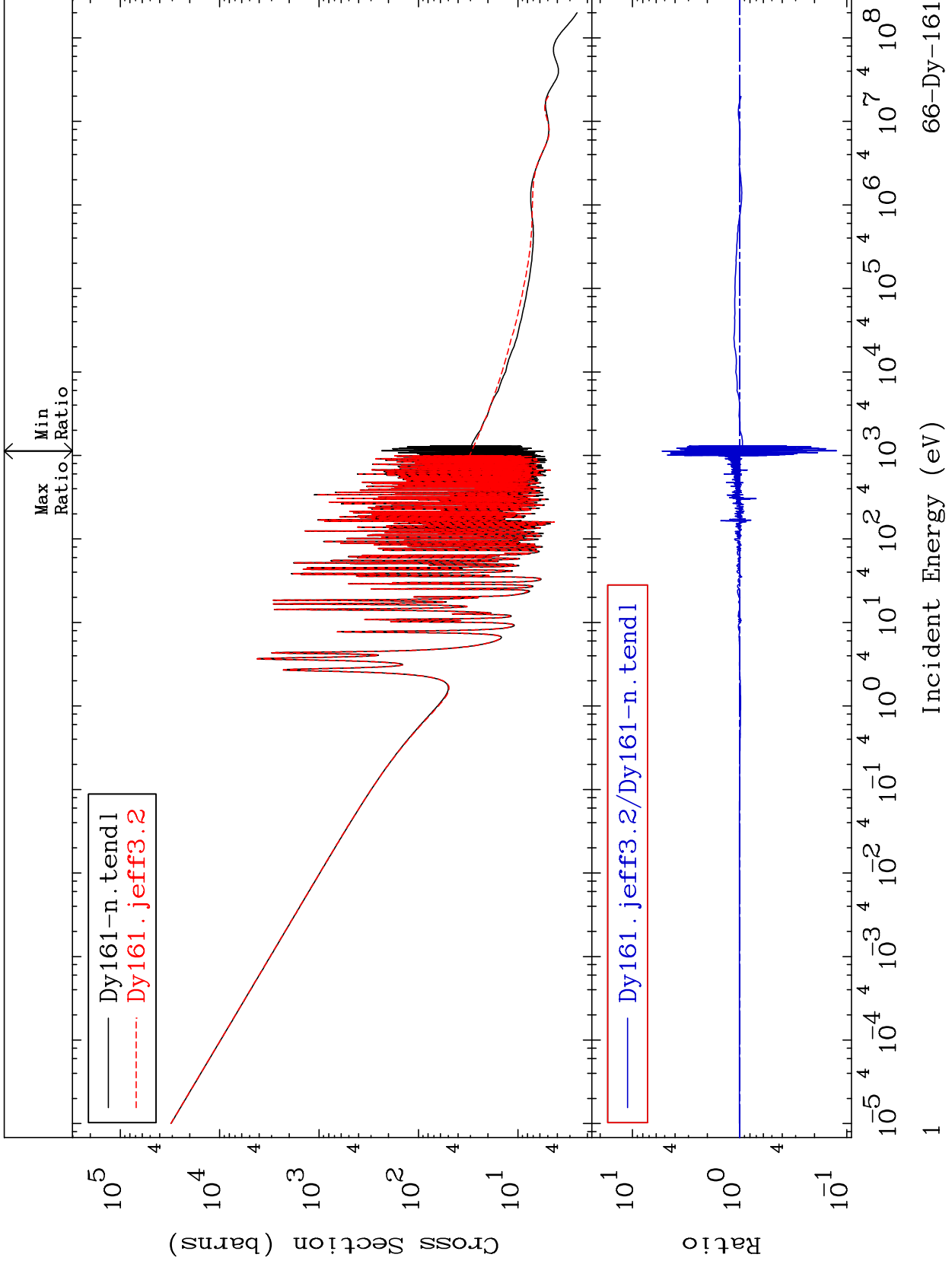


MAT 6640

Total  
Cross Section

66-Dy-161  
-87.58 To 426.7 %

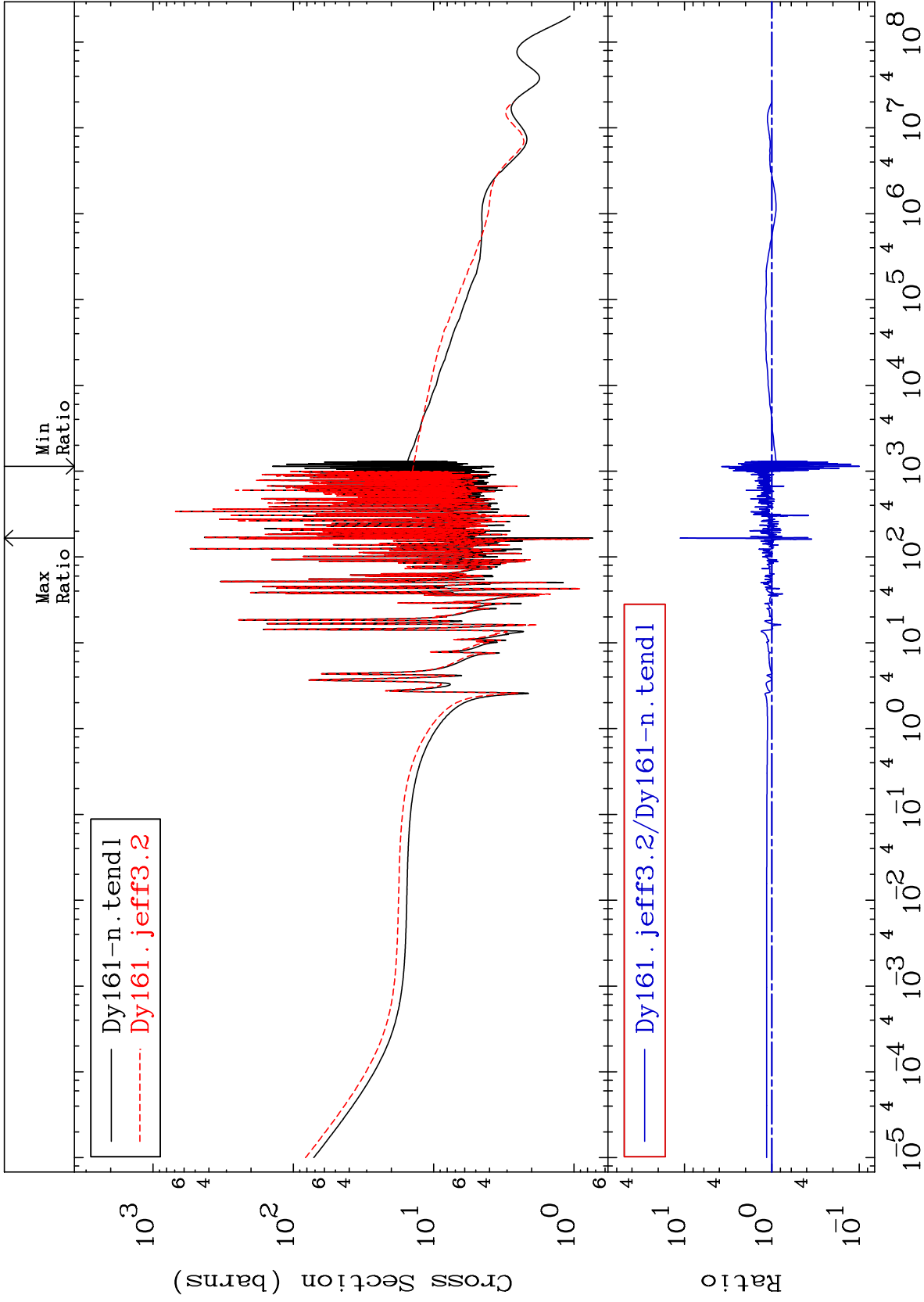


66-Dy-161

MAT 6640

Elastic  
Cross Section

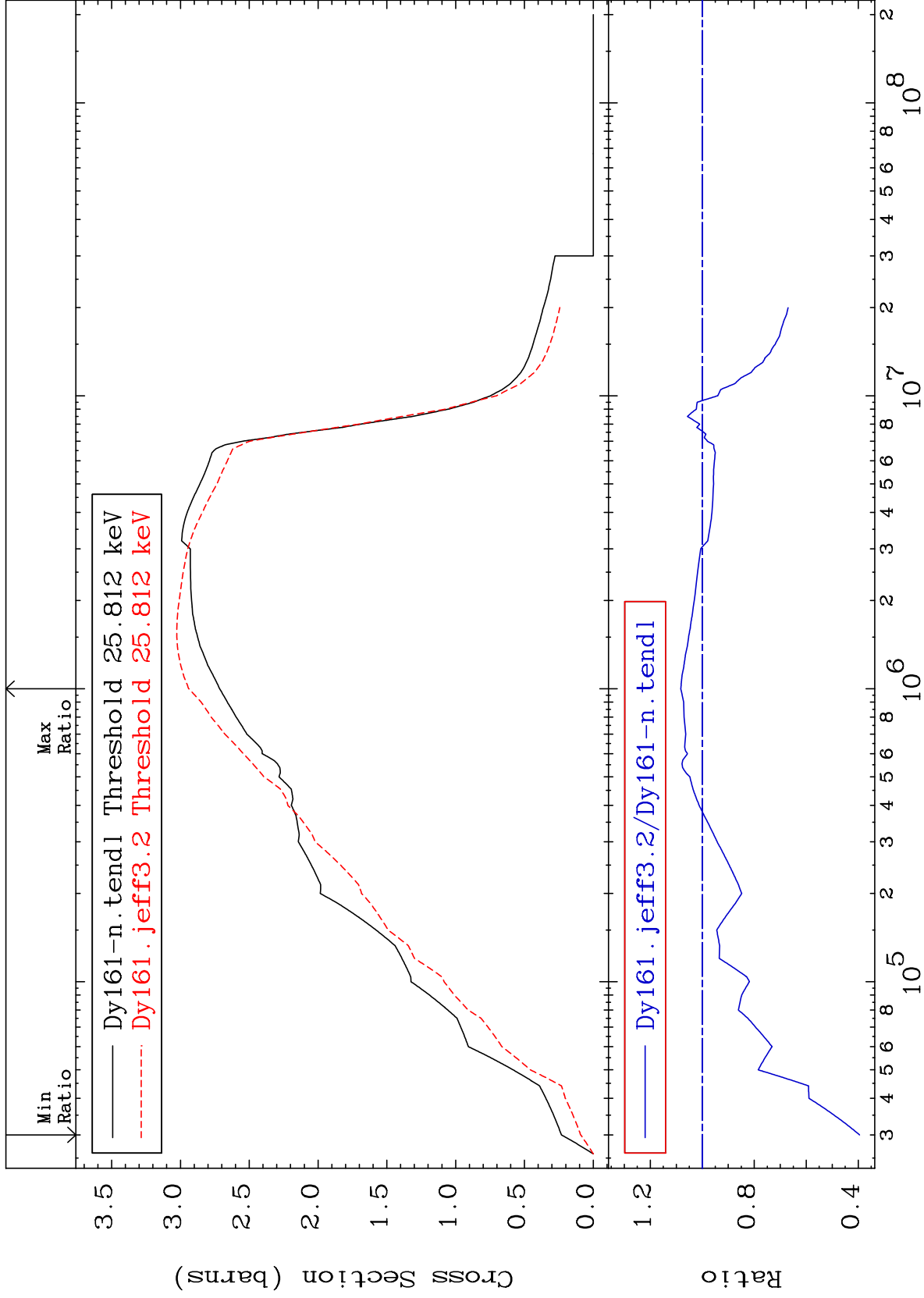
66-Dy-161  
-90.08 To 1017. %



Incident Energy (eV)

66-Dy-161

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



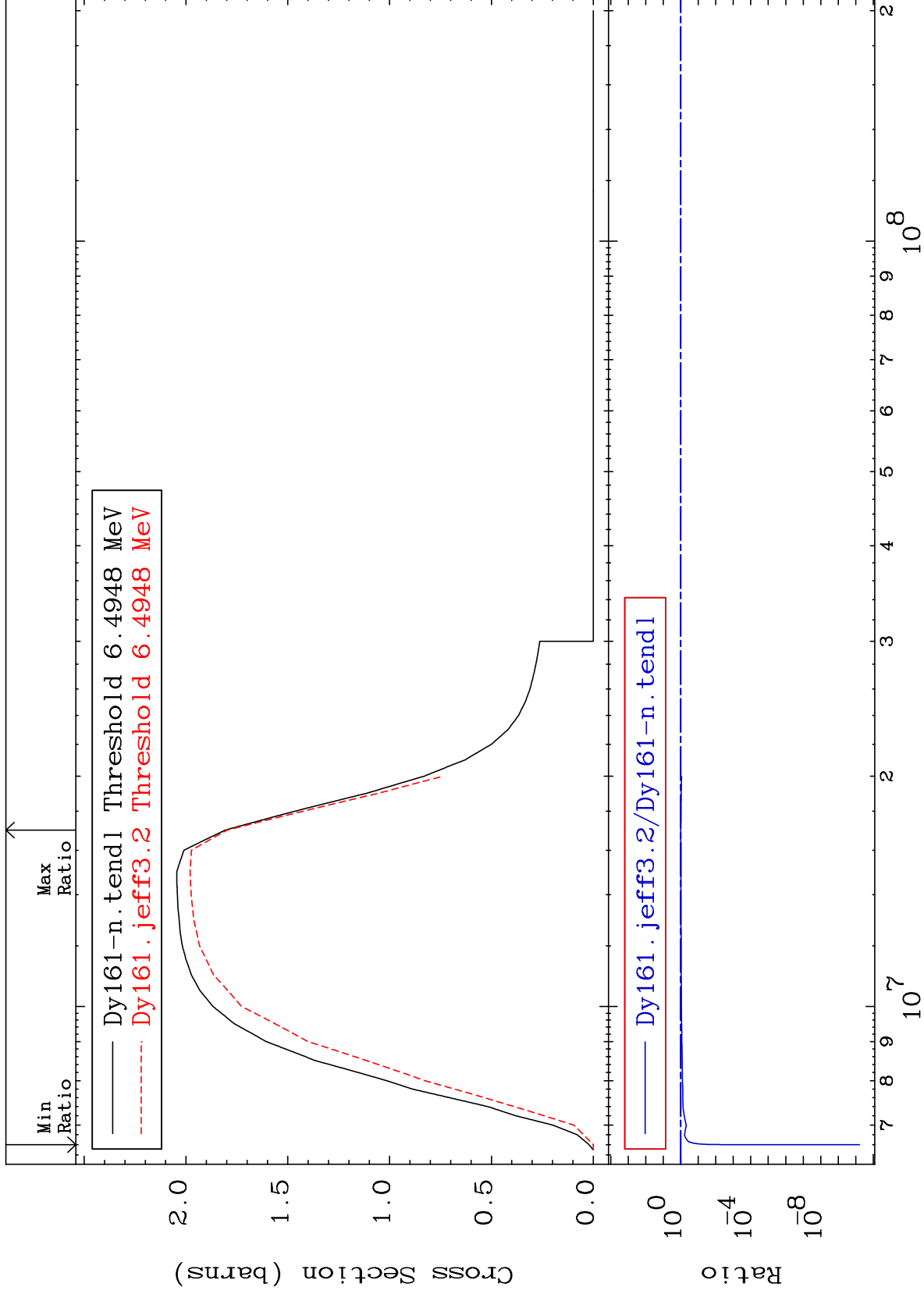
MAT 6640

(n,2n)

66-Dy-161

Cross Section

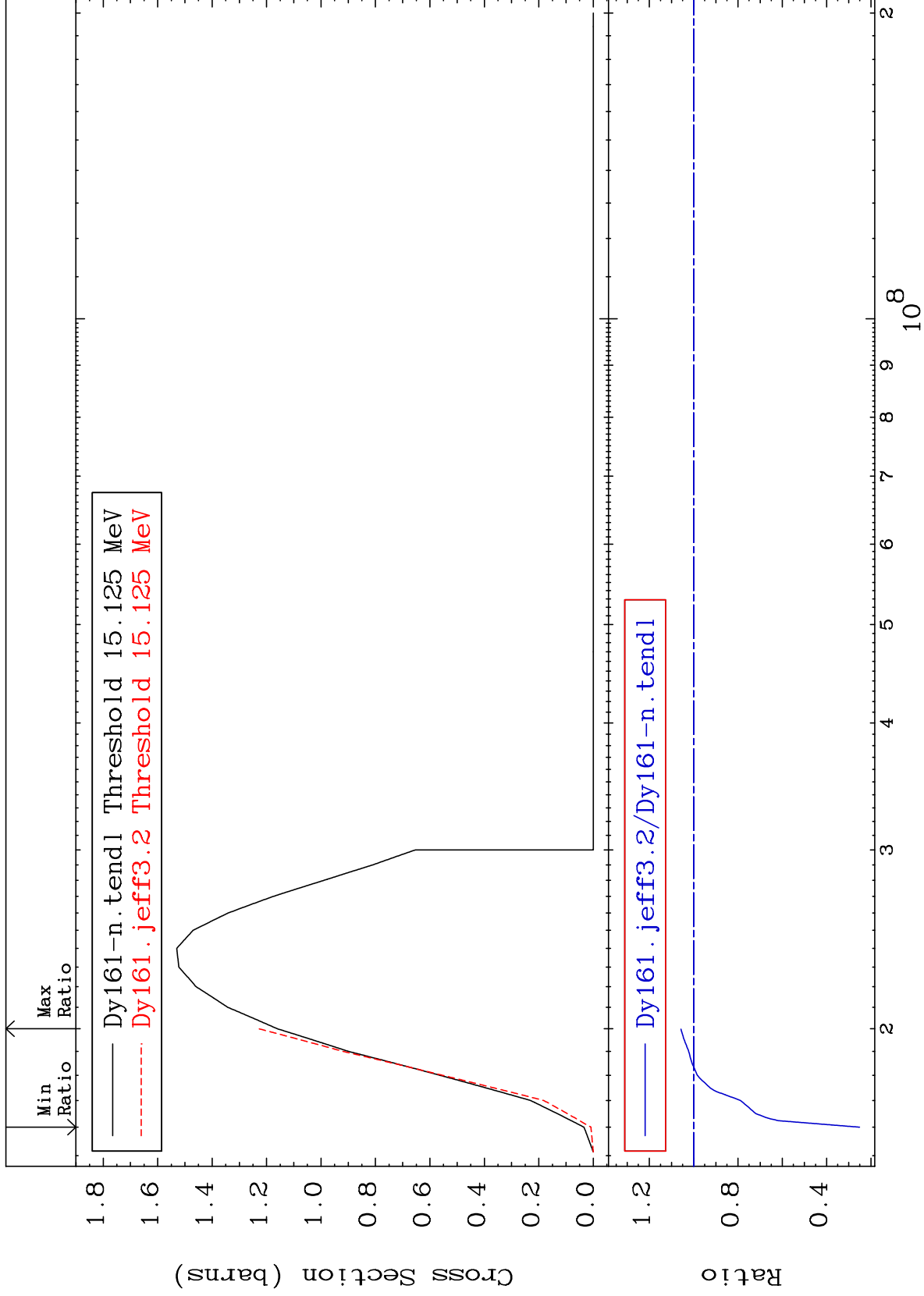
-100.0 To -0.526%



MAT 6640

(n,3n)  
Cross Section

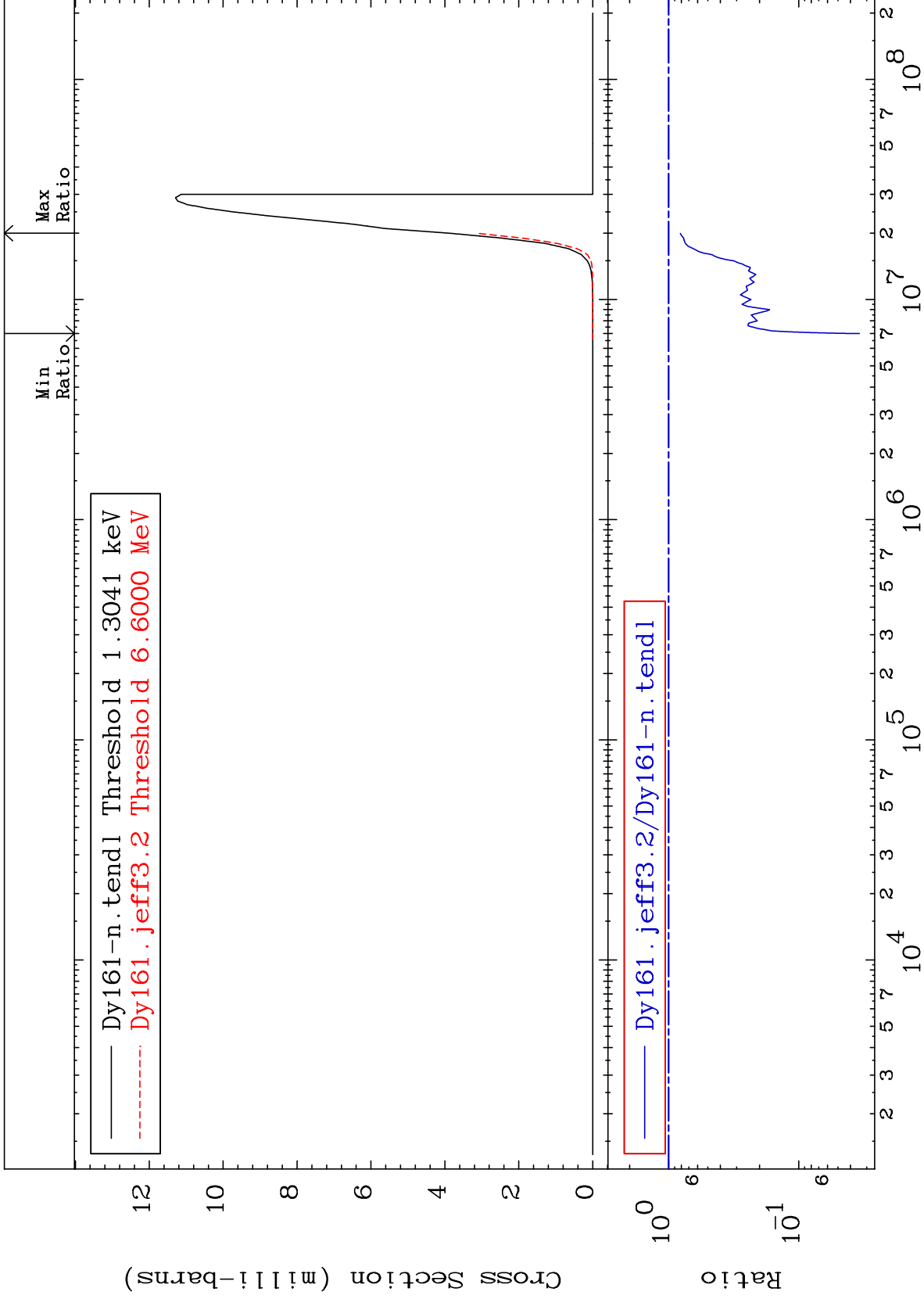
66-Dy-161  
-74.86 To 5.824 %



MAT 6640

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

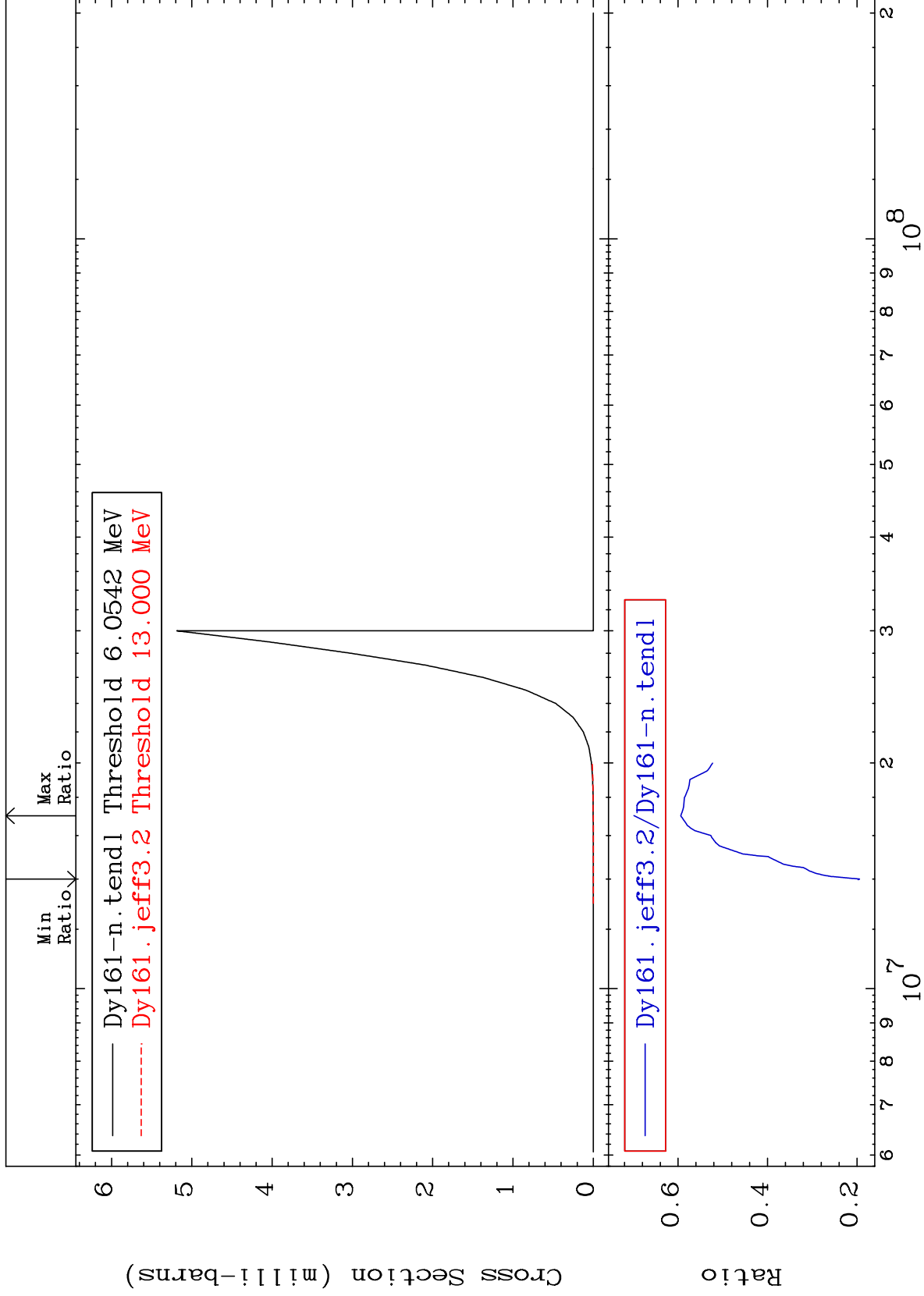
66-Dy-161  
-96.59 To -18.64%



MAT 6640

(n,2n)  $\alpha$   
Cross Section

66-Dy-161  
-80.57 To -40.59%



7

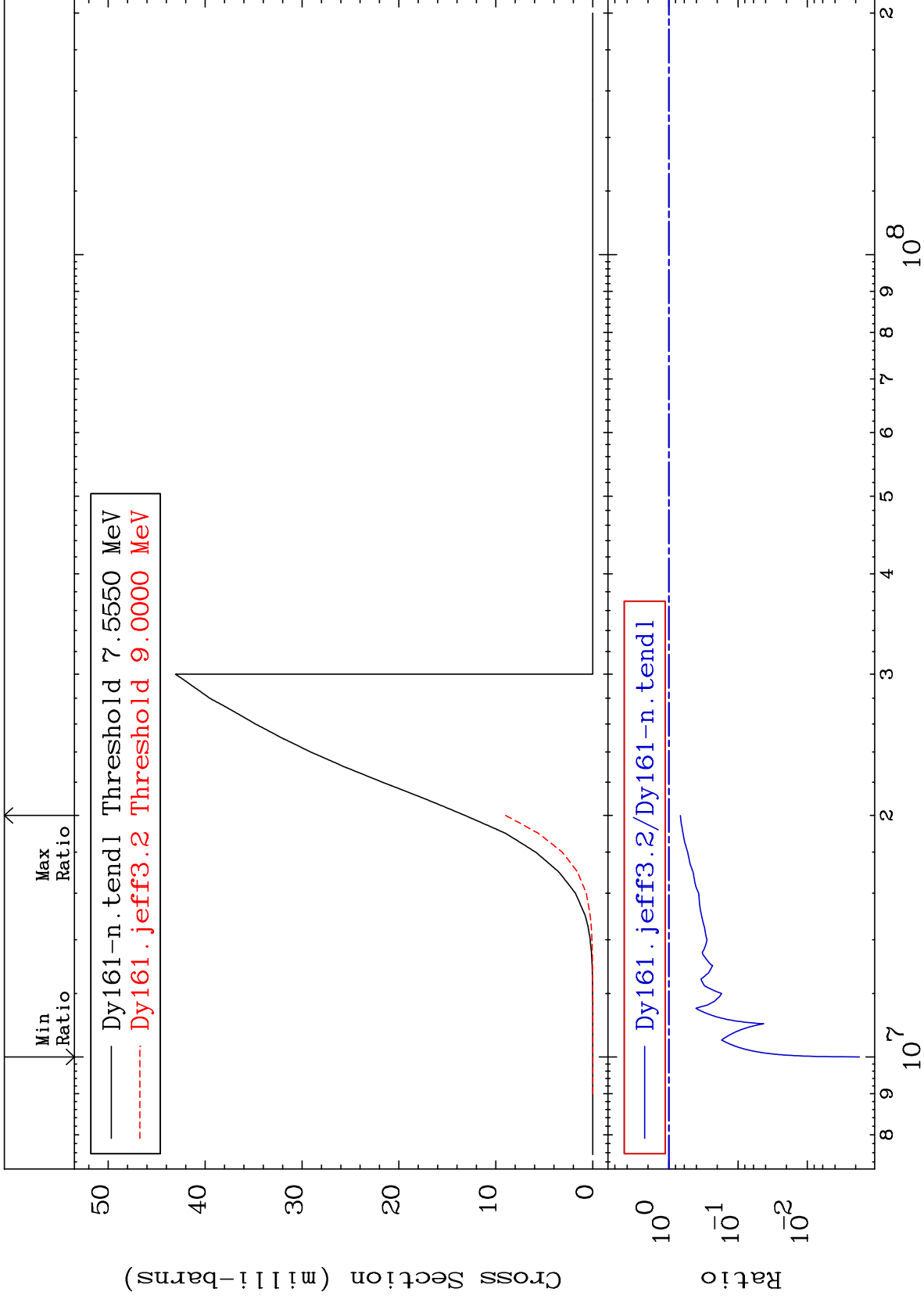
Incident Energy (eV)

66-Dy-161

MAT 6640

(n,n') p  
Cross Section

66-Dy-161  
-99.82 To -31.82%



8

Incident Energy (eV)

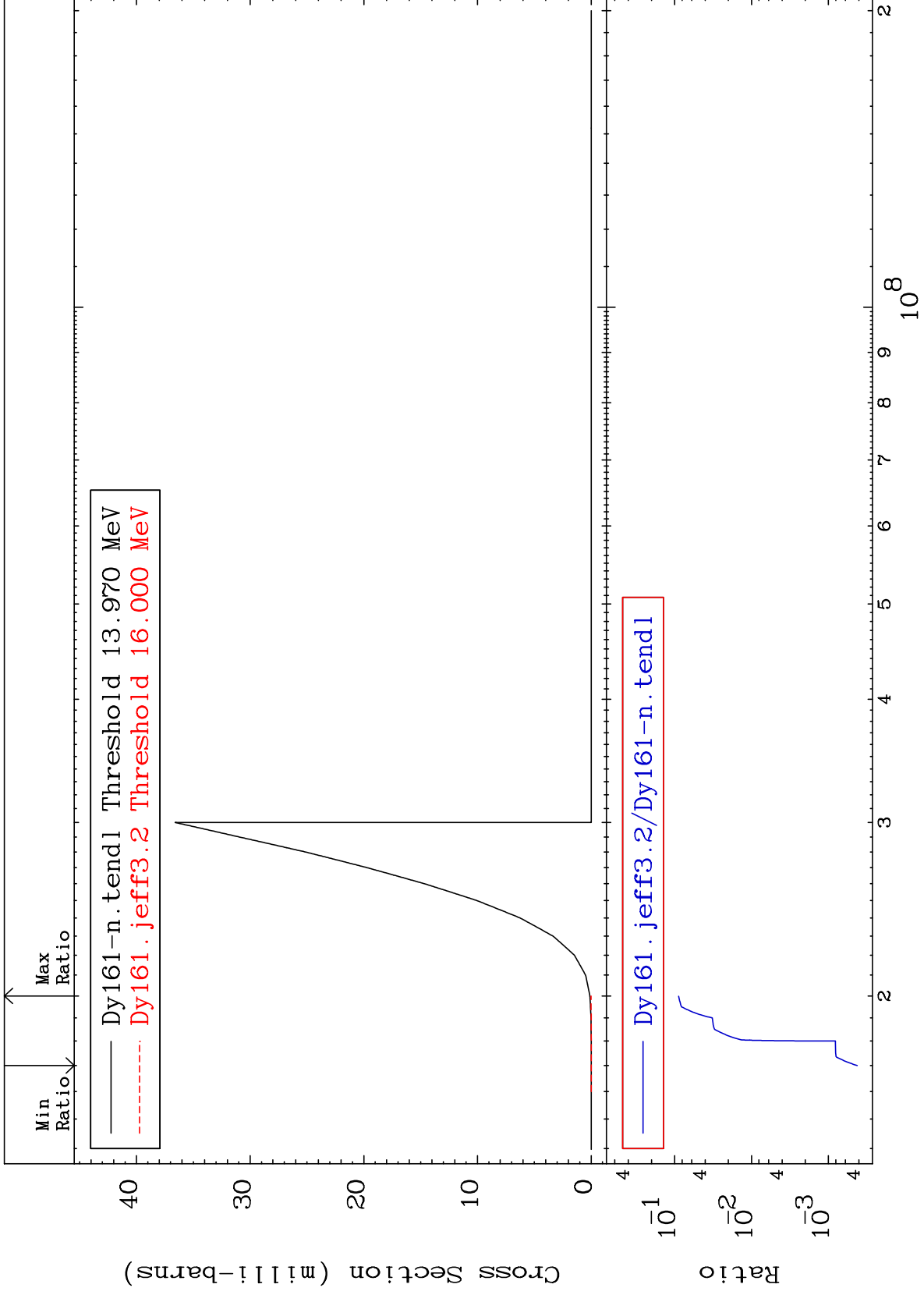
66-Dy-161



MAT 6640

(n,2n) p  
Cross Section

66-Dy-161  
-99.96 To -91.13%



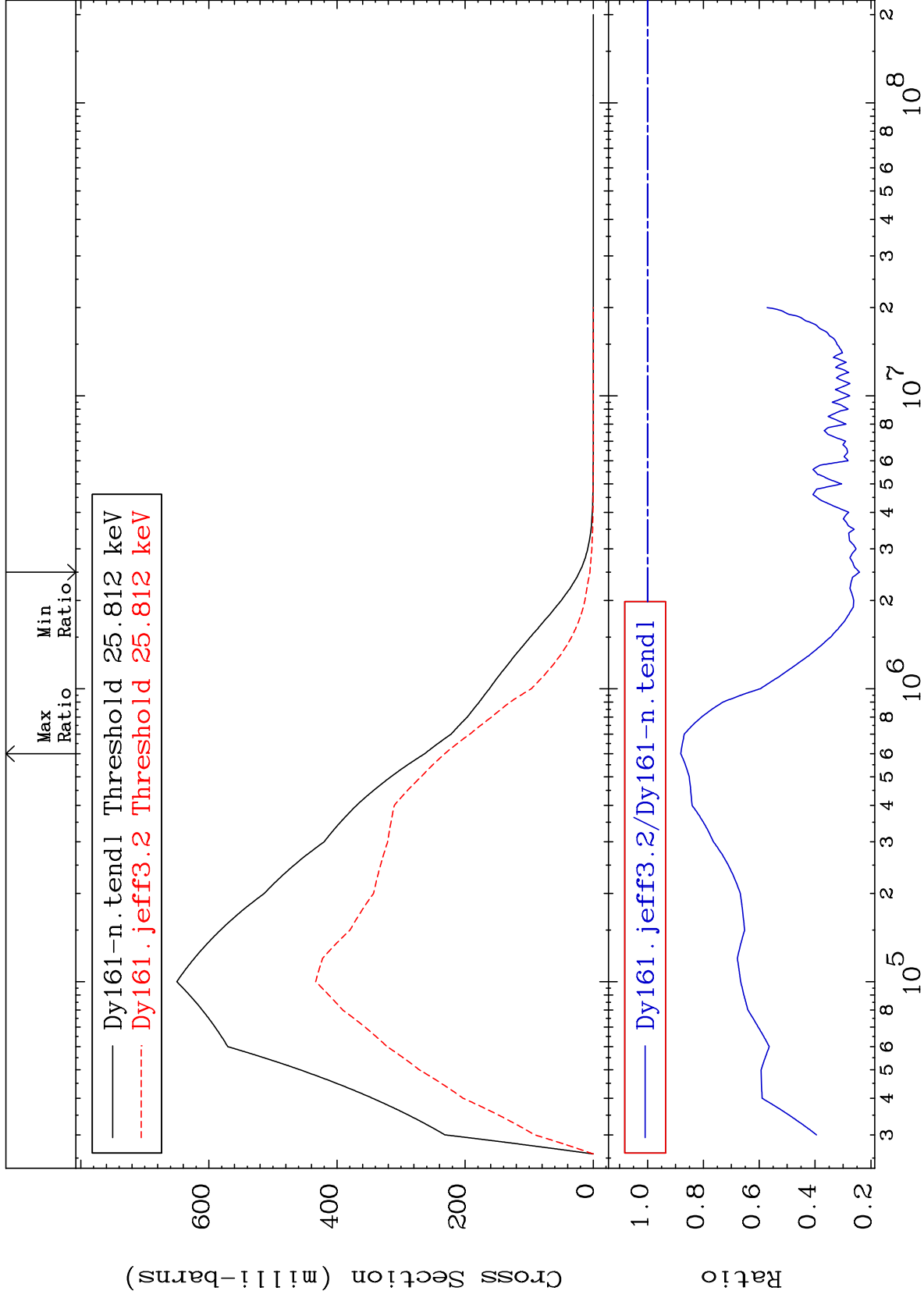
MAT 6640

25.65 keV (n,n') Level

66-Dy-161

-75.92 To -11.90%

Cross Section



10

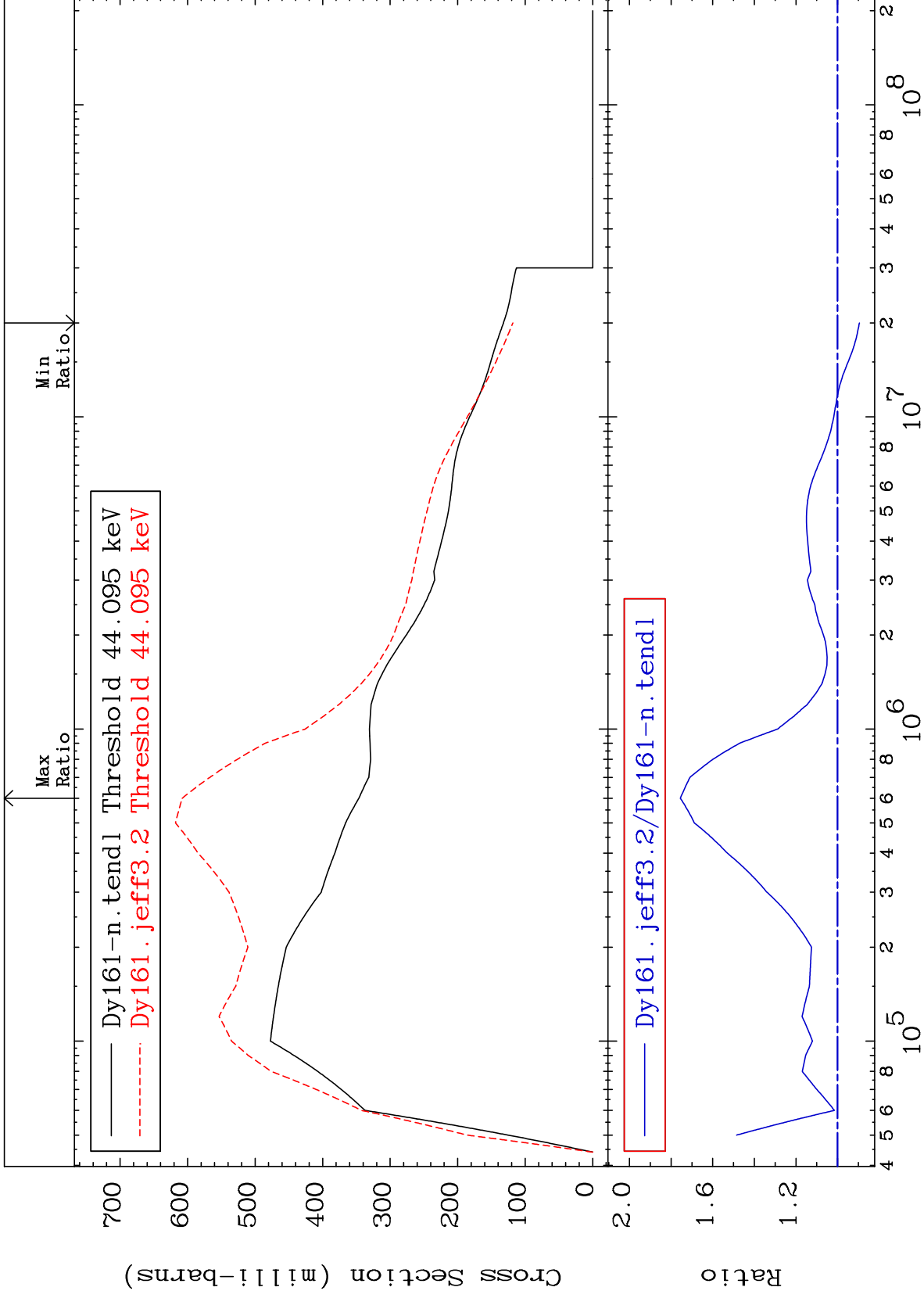
Incident Energy (eV)

66-Dy-161

MAT 6640

43.82 keV (n,n') Level  
Cross Section

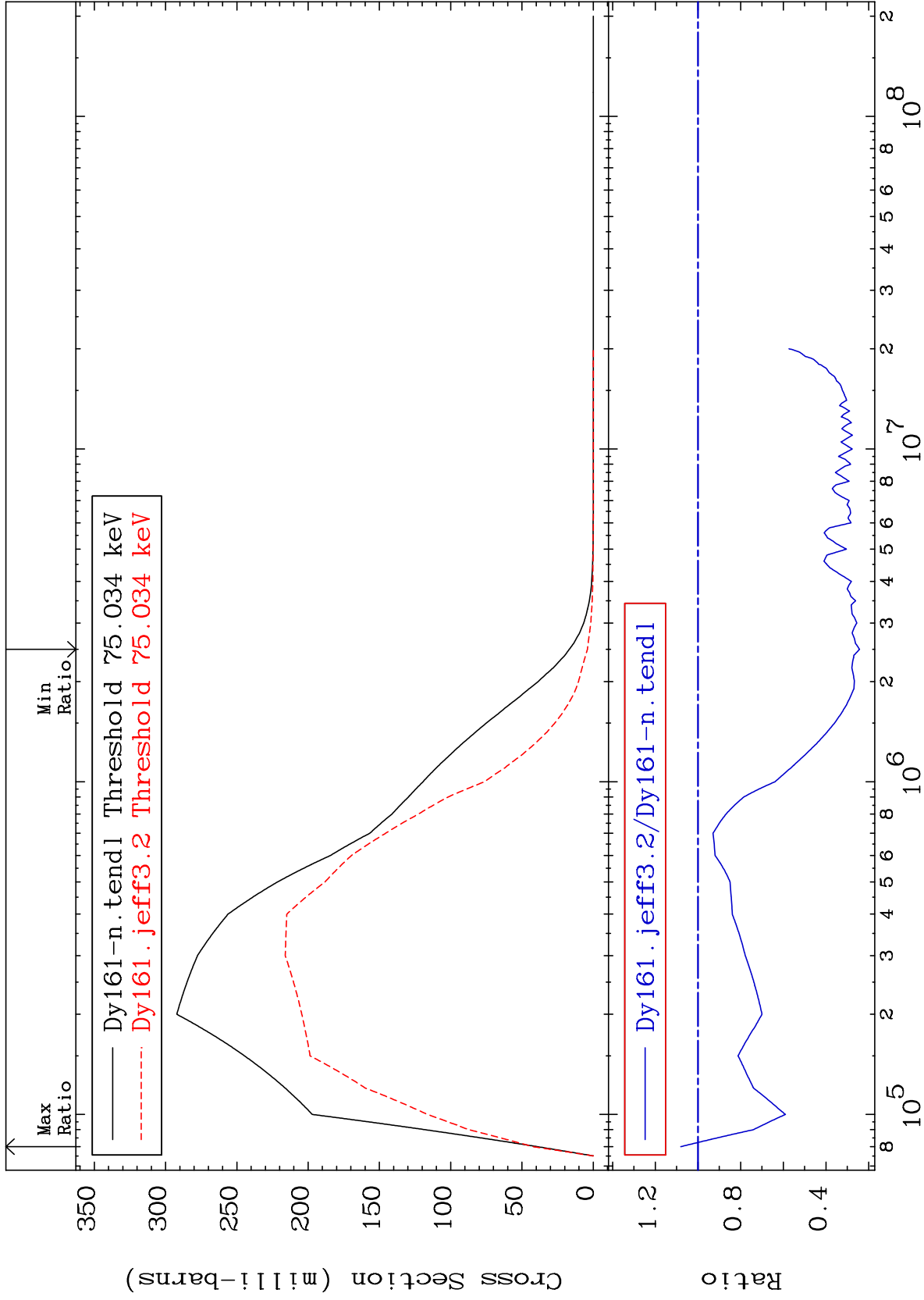
66-Dy-161  
-10.52 To 75.56 %



MAT 6640

74.57 keV (n,n') Level  
Cross Section

66-Dy-161  
-75.74 To 8.047 %



12

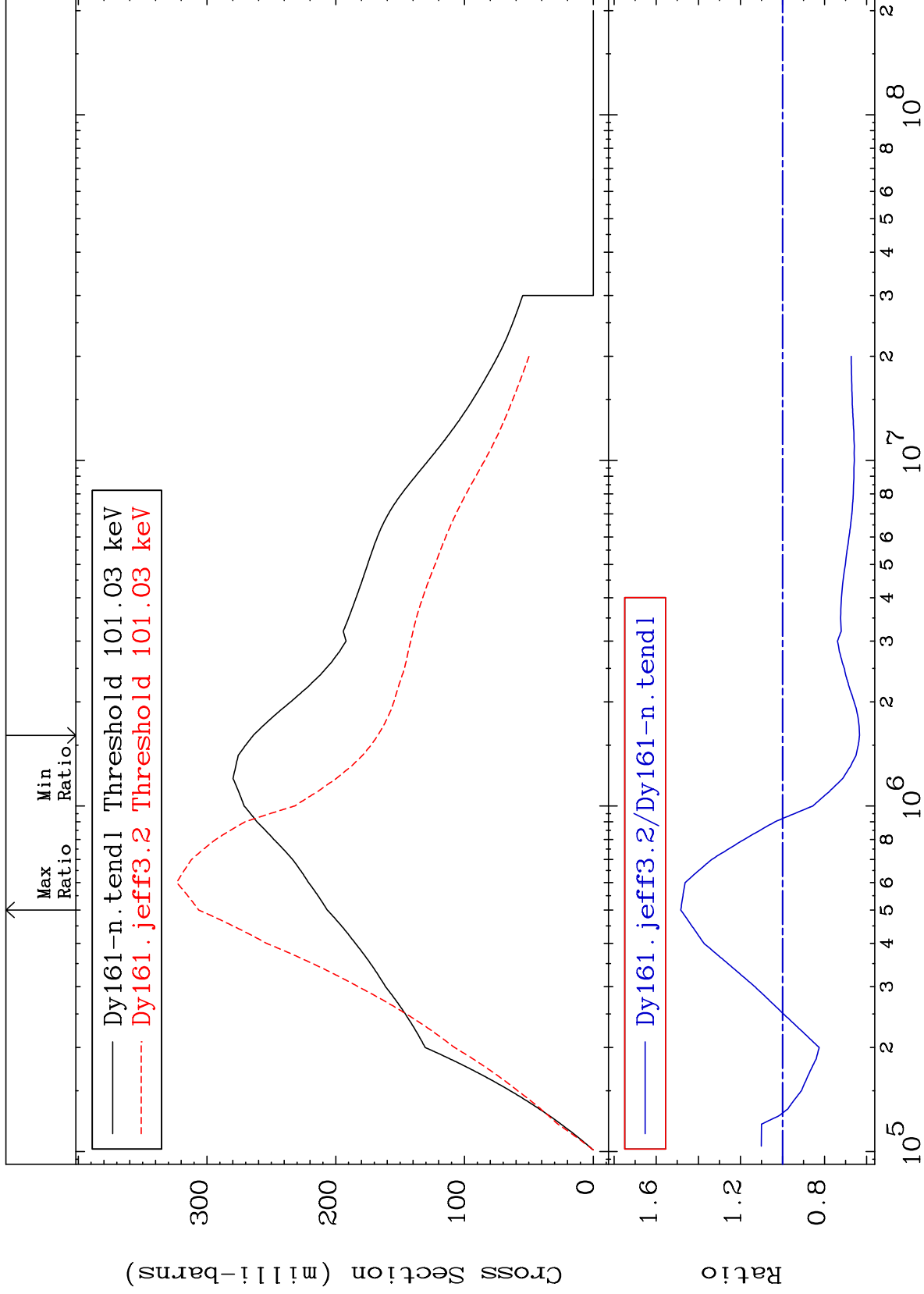
Incident Energy (eV)

66-Dy-161

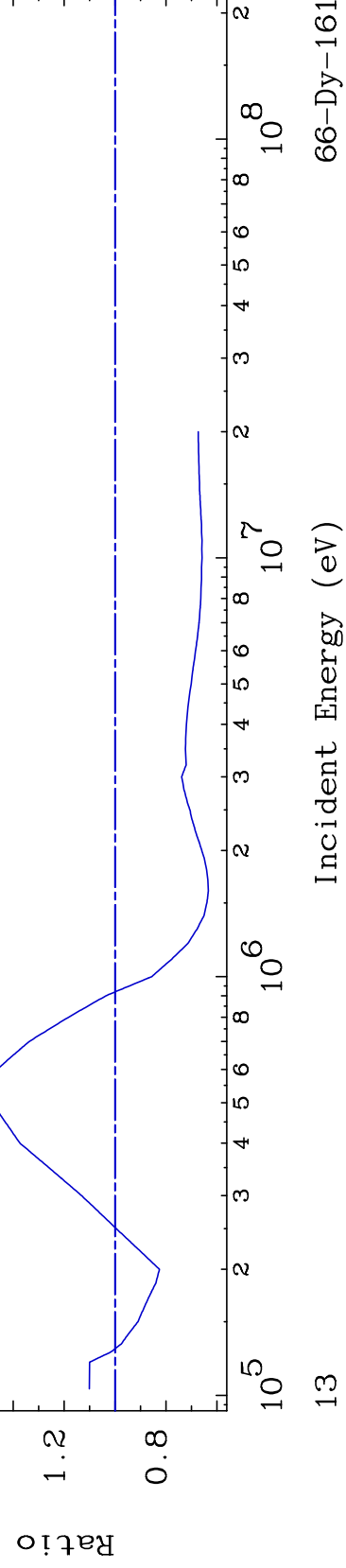
MAT 6640

100.4 keV (n,n') Level  
Cross Section

66-Dy-161  
-36.66 To 48.34 %



Dy161.jeff3.2/Dy161-n.tendl



13

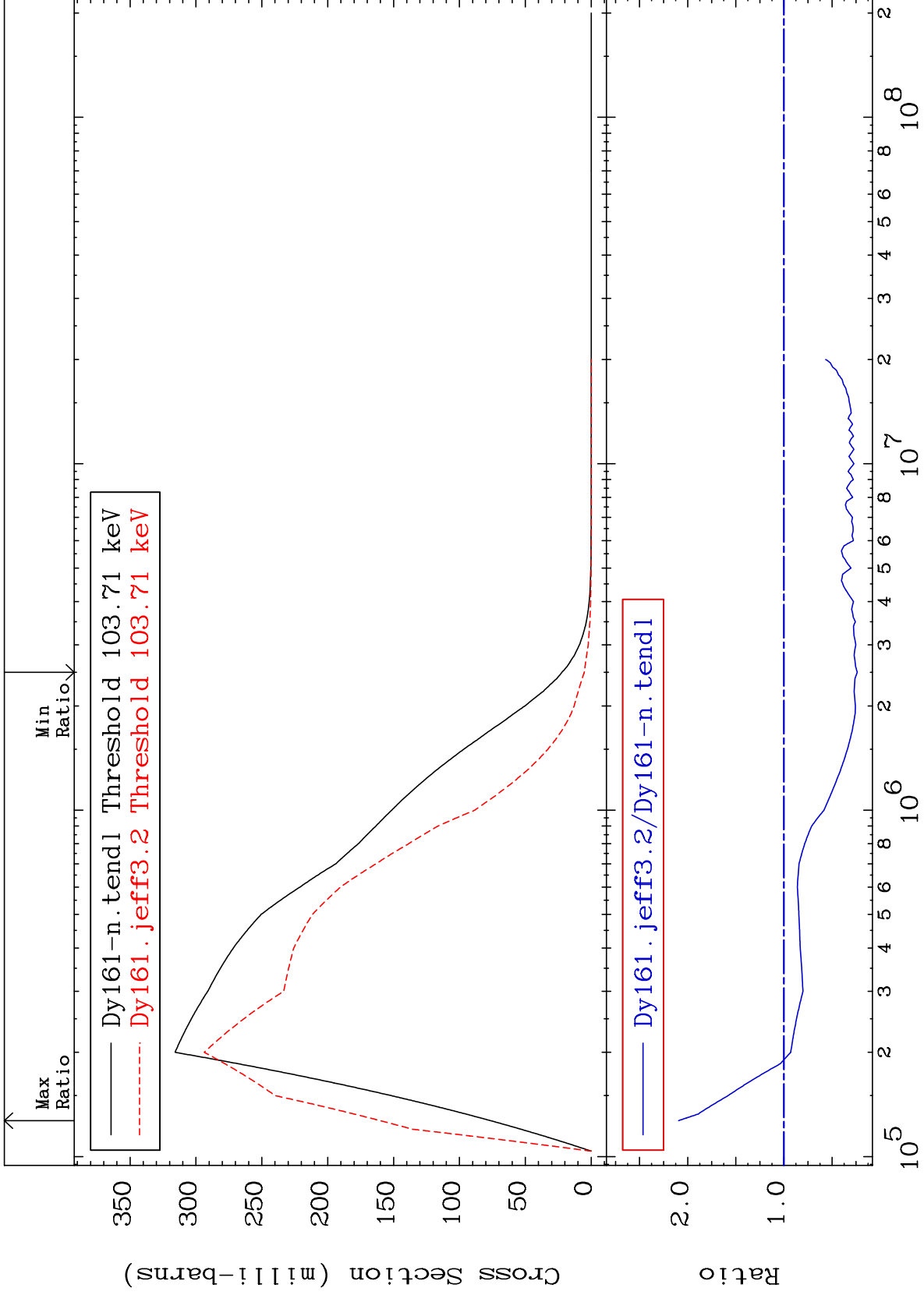
Incident Energy (eV)

66-Dy-161

MAT 6640

103.1 keV (n,n') Level  
Cross Section

66-Dy-161  
-76.19 To 109.4 %



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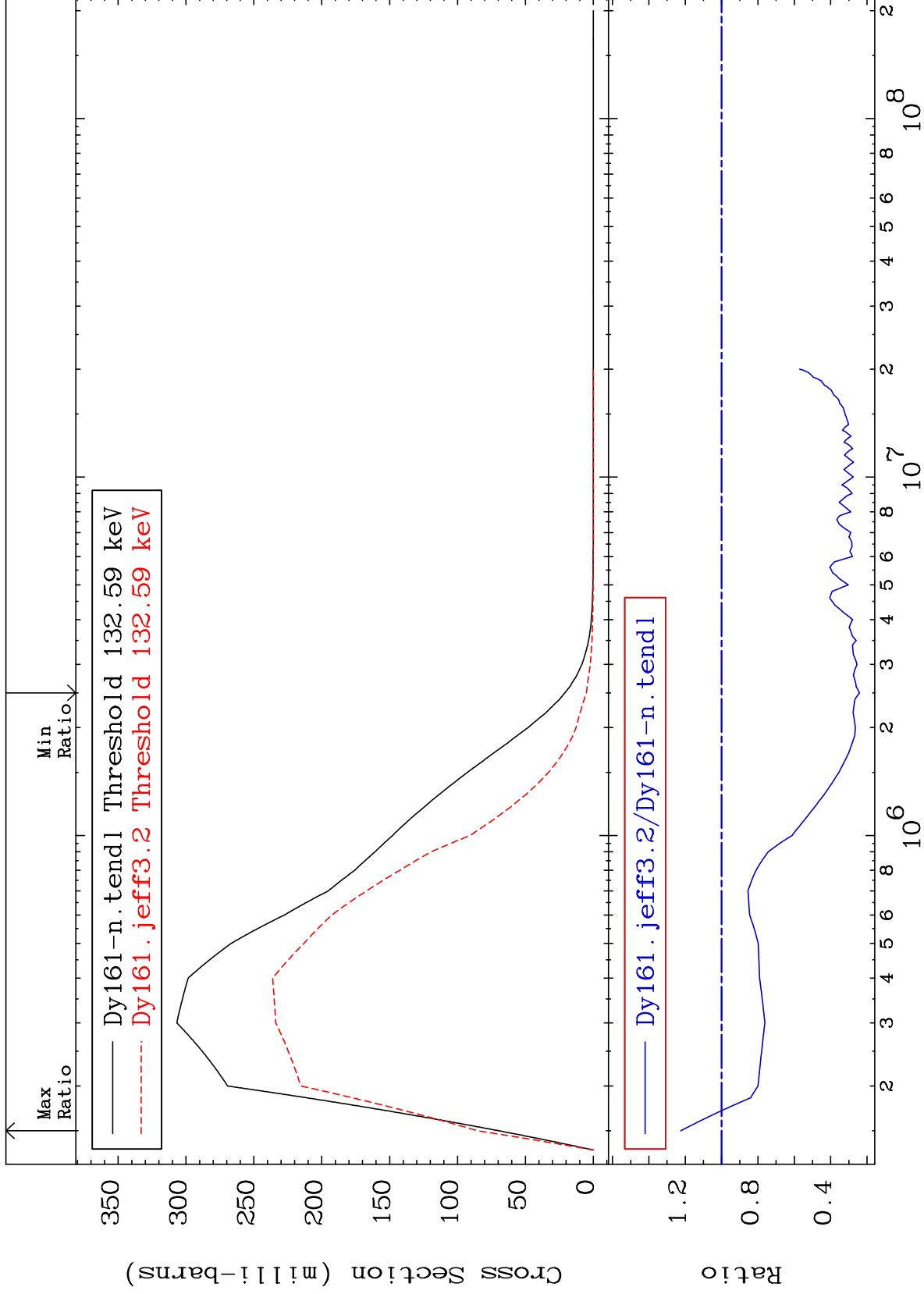
Incident Energy (eV)

66-Dy-161

MAT 6640

131.8 keV (n,n') Level  
Cross Section

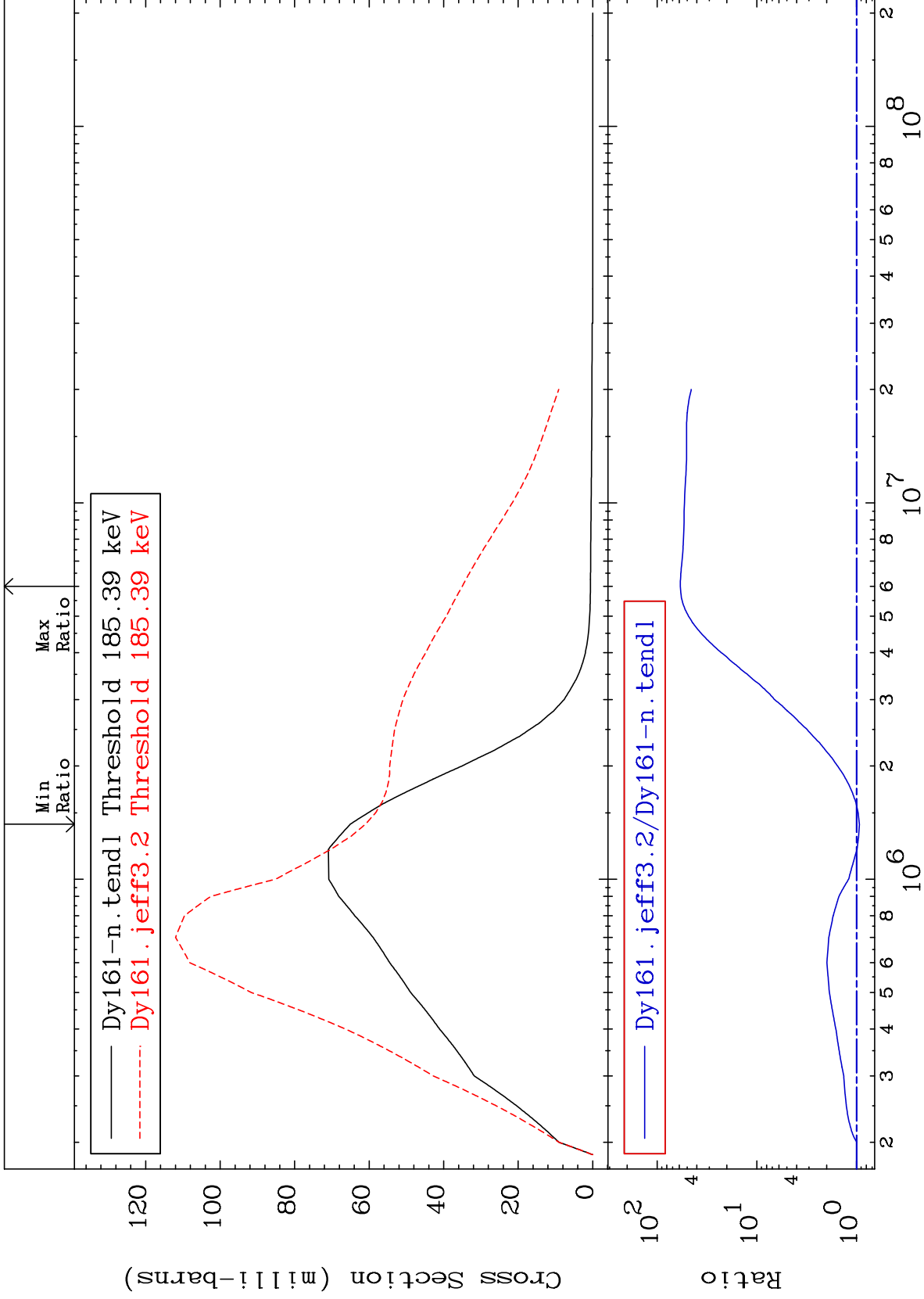
66-Dy-161  
-75.86 To 22.45 %



MAT 6640

184.2 keV (n,n') Level  
Cross Section

66-Dy-161  
-6.303 To 5751. %



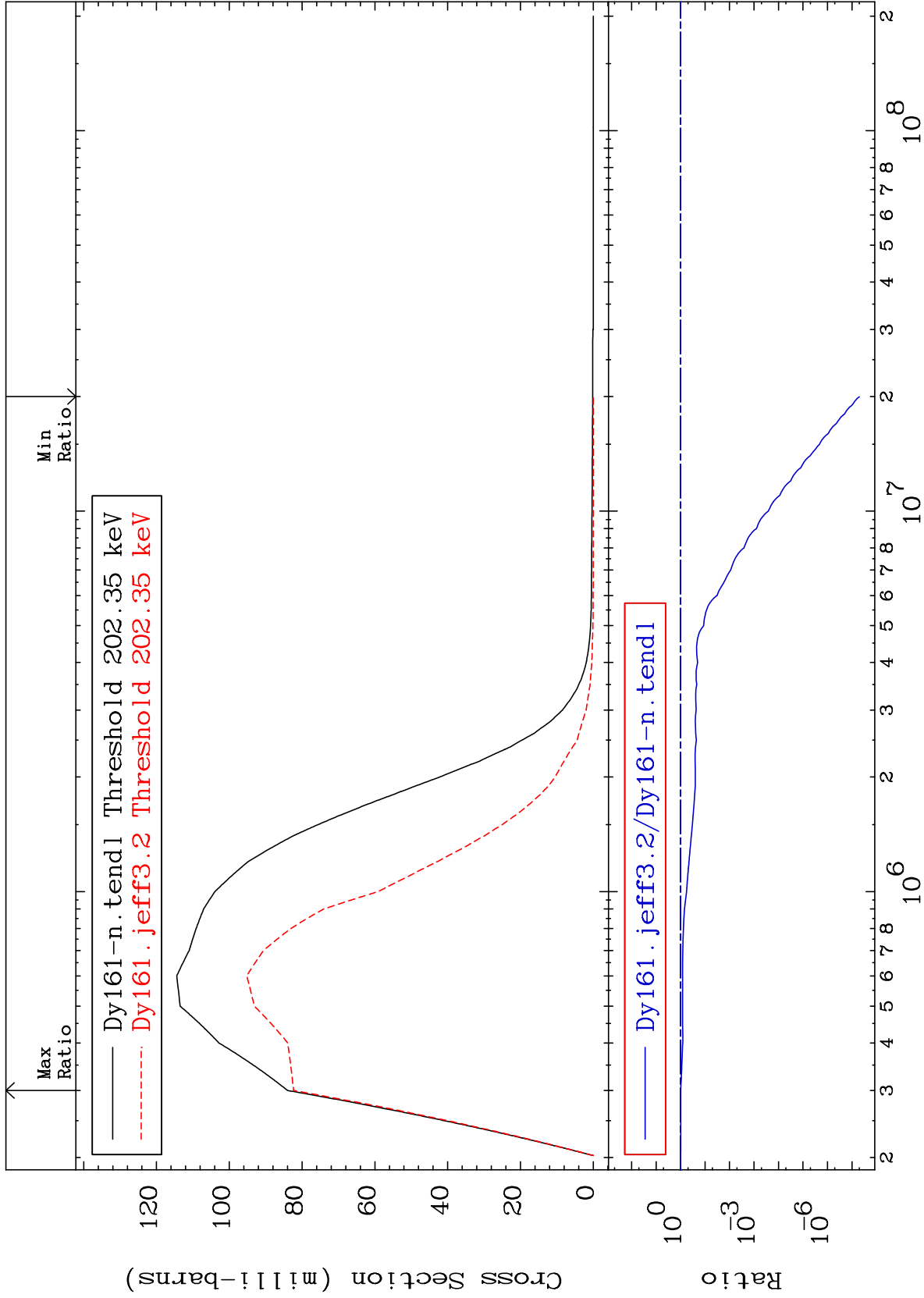
16

Incident Energy (eV)

66-Dy-161



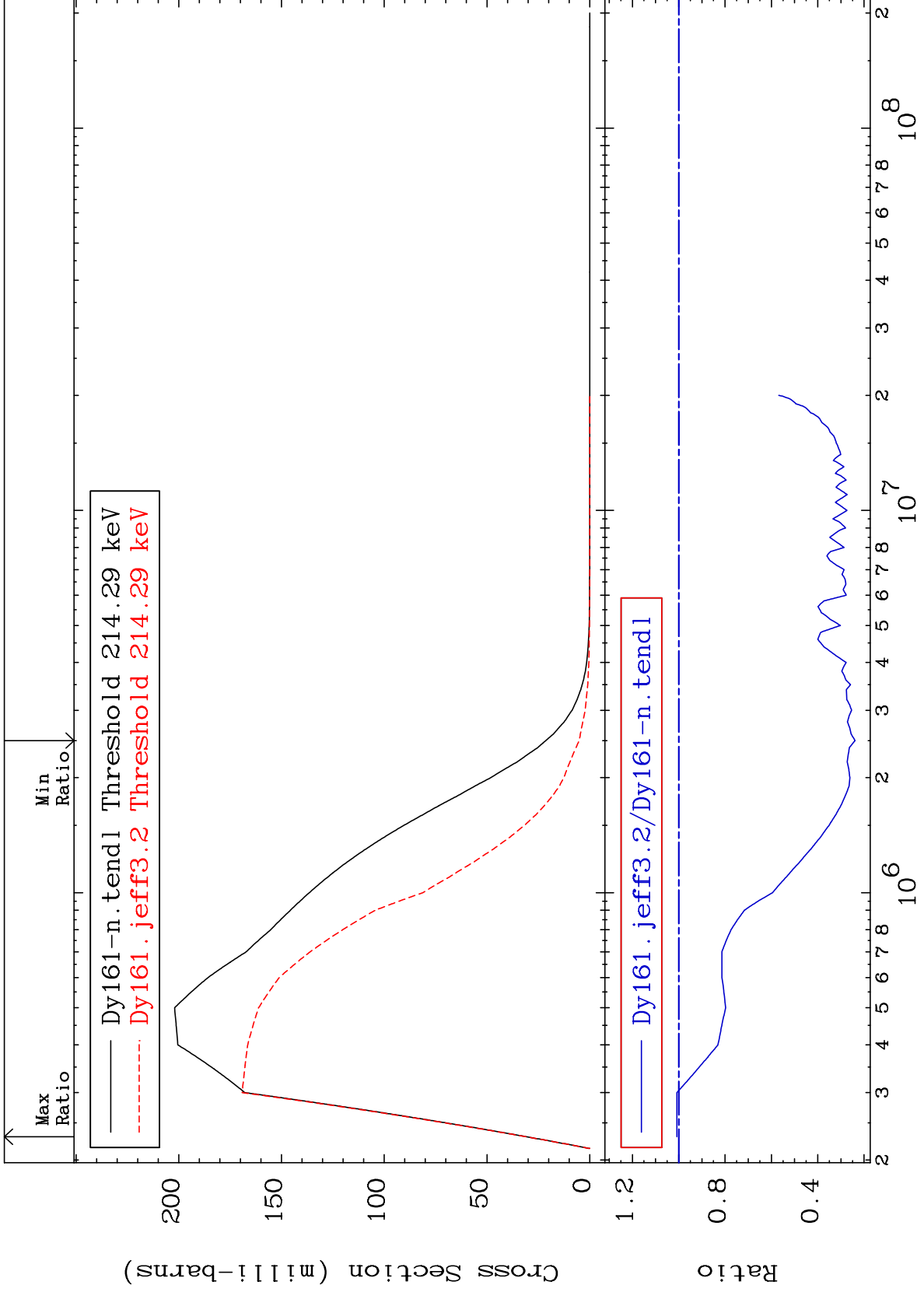
MAT 6640      201.1 keV (n,n') Level      66-Dy-161  
 Cross Section      -100.0 To -1.990%



MAT 6640

213.0 keV (n,n') Level  
Cross Section

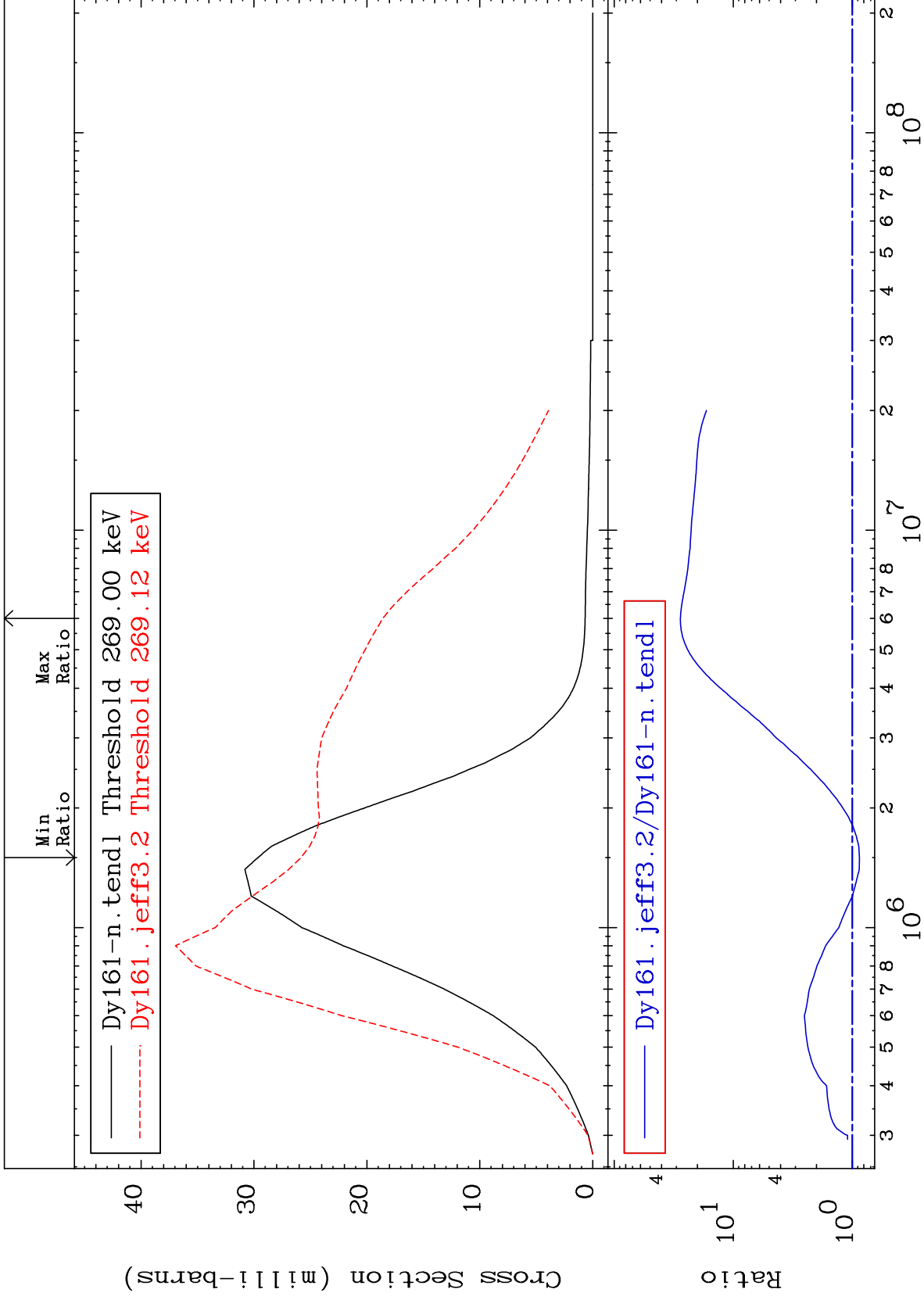
66-Dy-161  
-76.11 To 0.779 %



MAT 6640

267.3 keV (n,n') Level  
Cross Section

66-Dy-161  
-12.85 To 2679. %

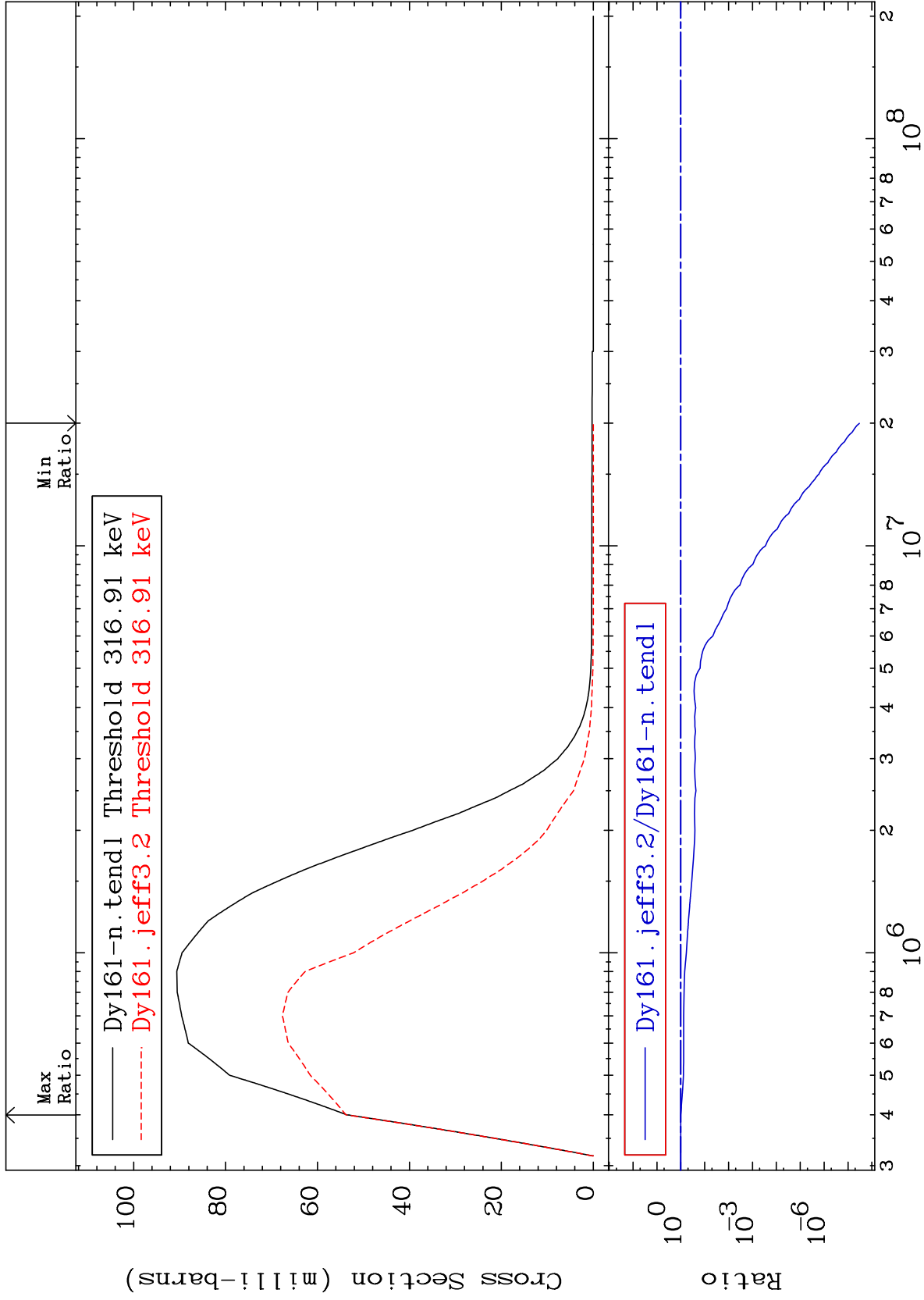


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Incident Energy (eV)

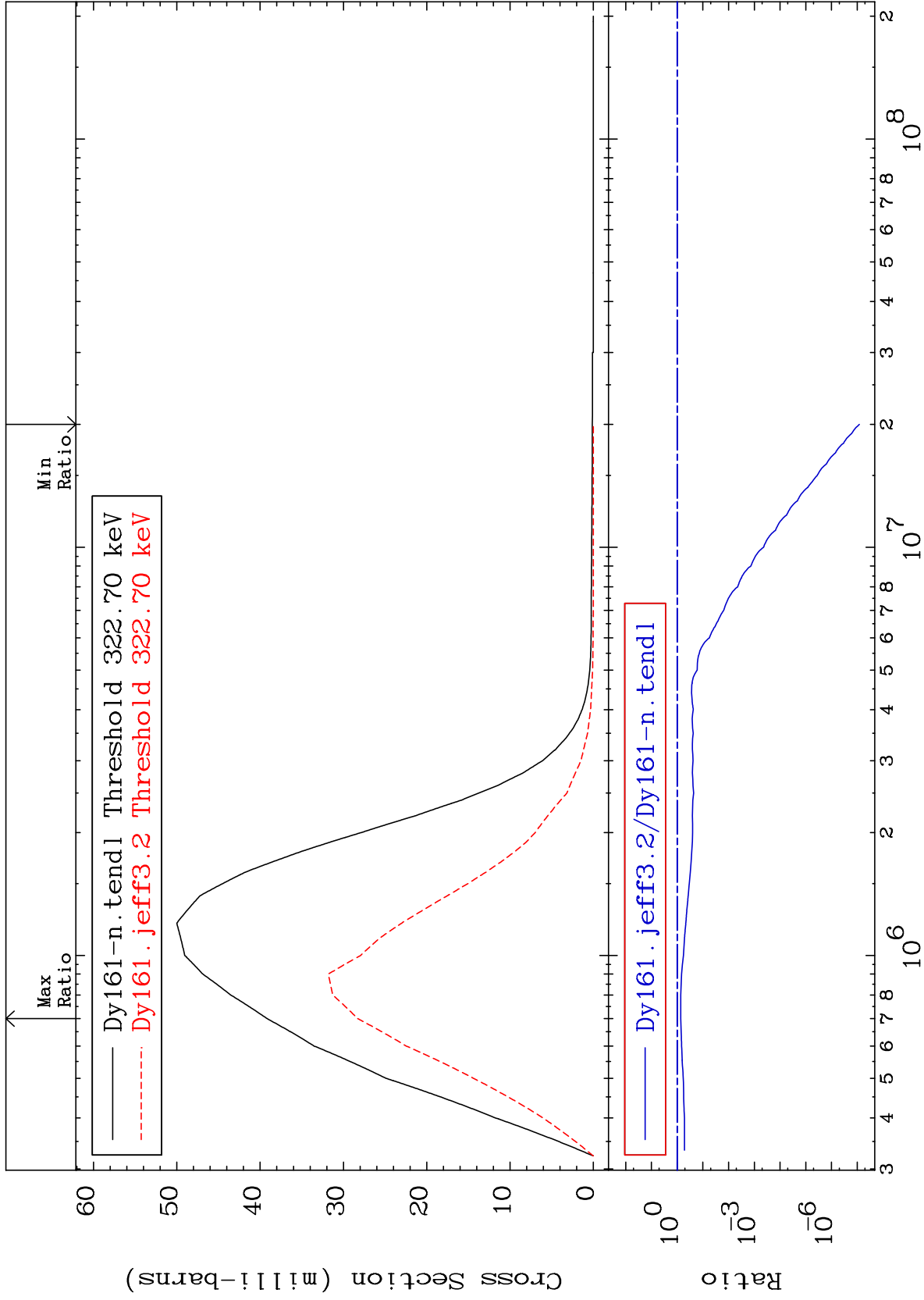
66-Dy-161

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



20      Incident Energy (eV)      66-Dy-161

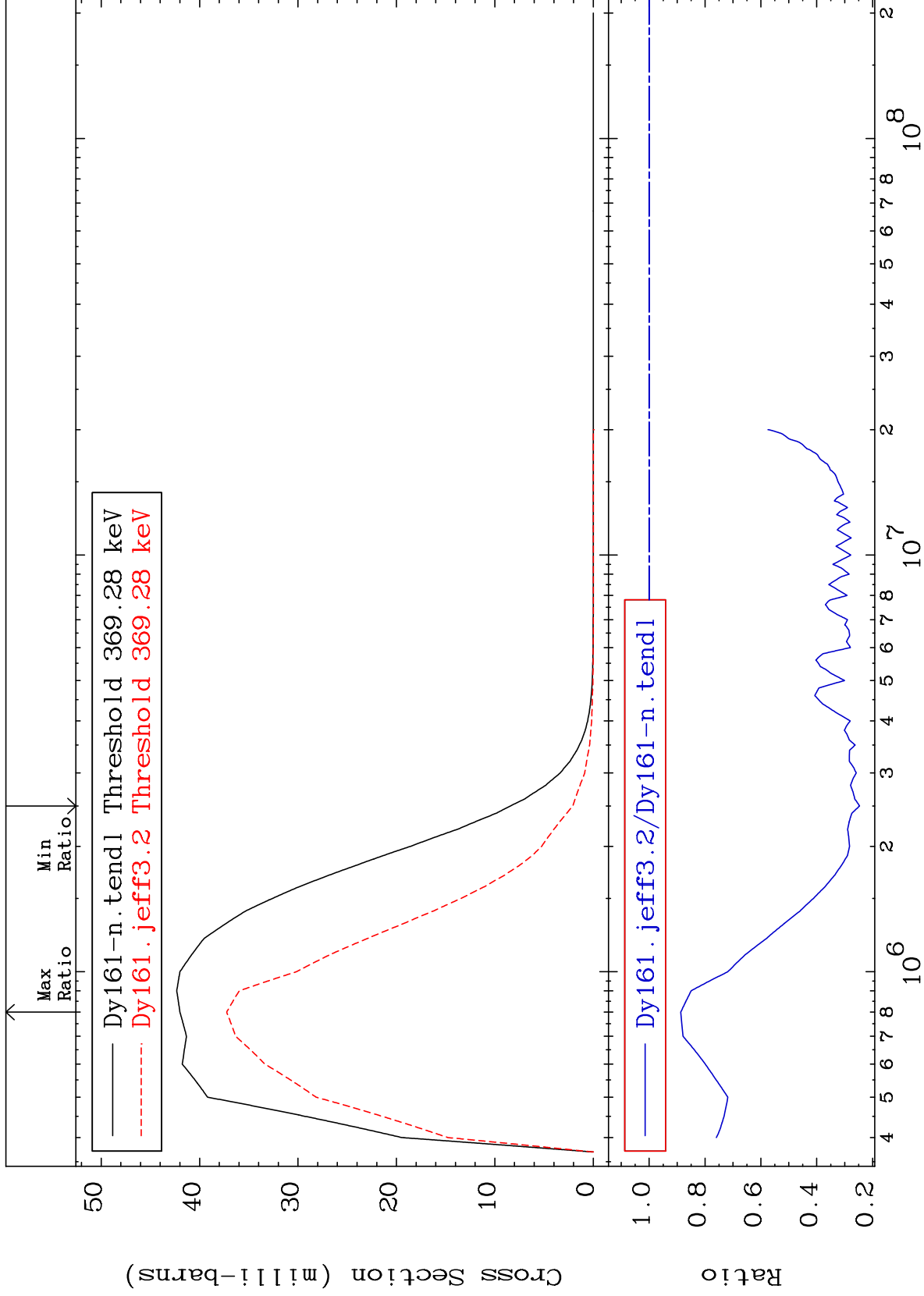
MAT 6640      320.7 keV (n,n') Level      66-Dy-161  
 Cross Section      -100.0 To -27.78%



MAT 6640

367.0 keV (n,n') Level  
Cross Section

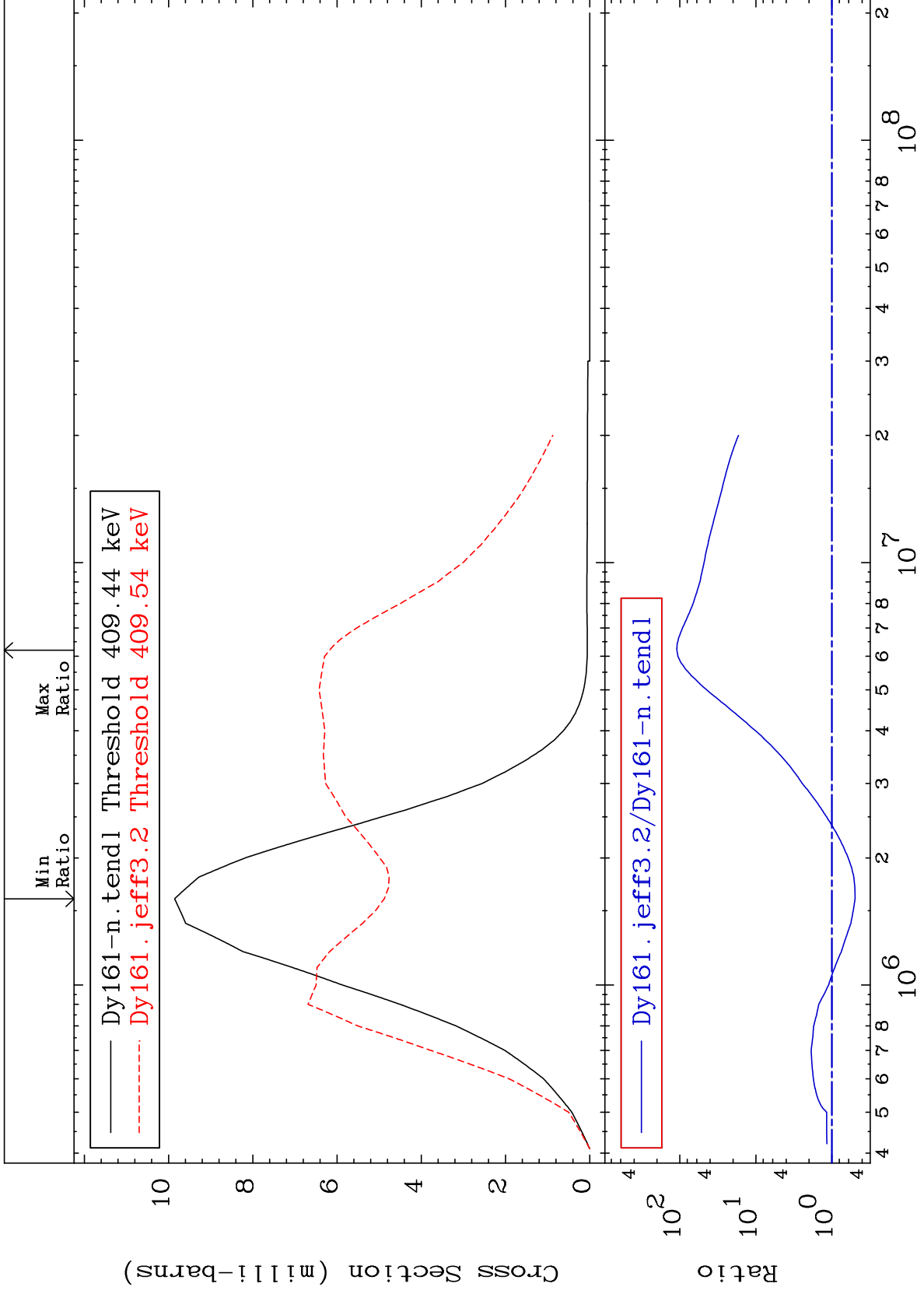
66-Dy-161  
-75.32 To -11.31%



MAT 6640

406.9 keV (n,n') Level  
Cross Section

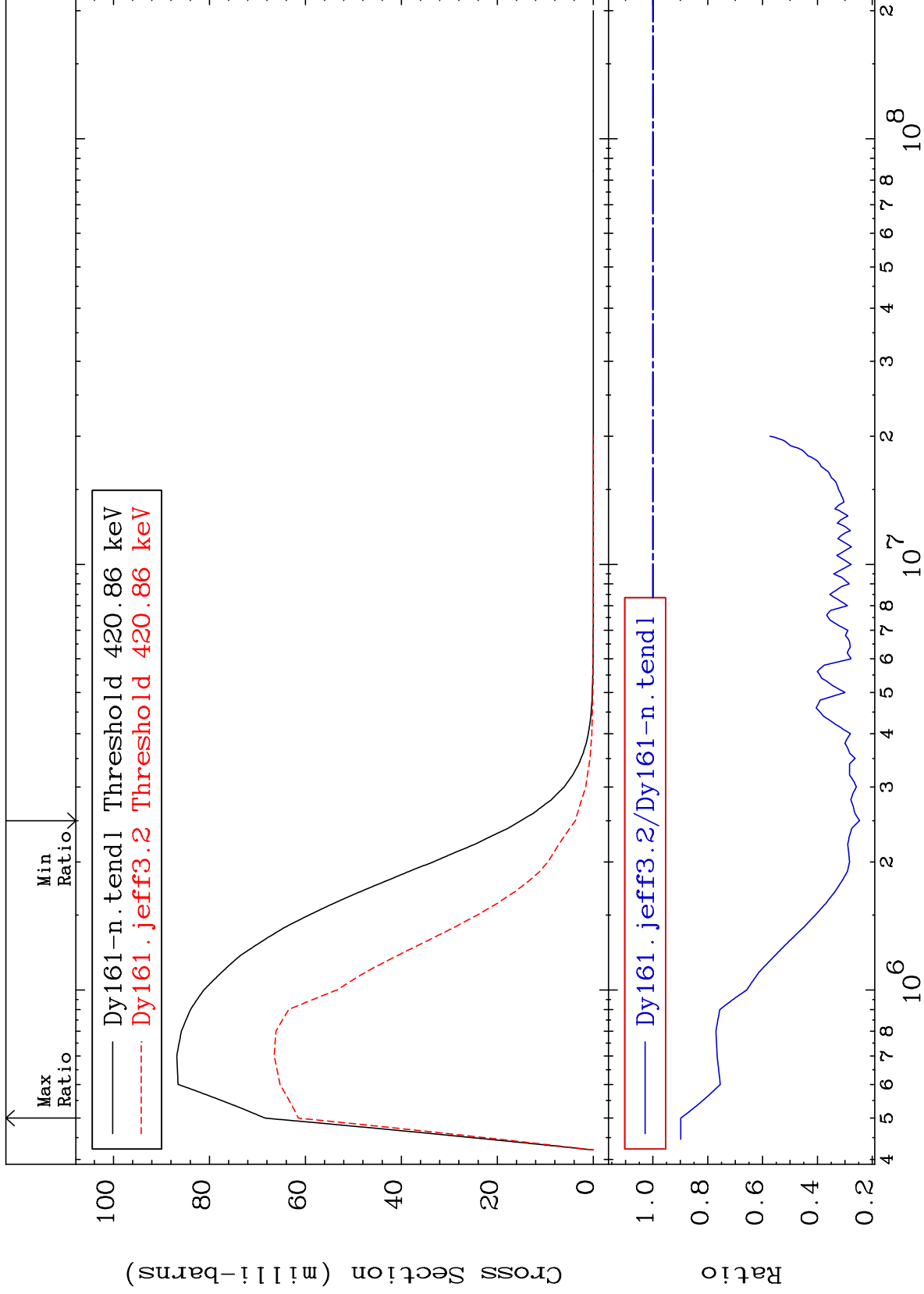
66-Dy-161  
-50.50 To 9999. %



MAT 6640

418.2 keV (n,n') Level  
Cross Section

66-Dy-161  
-75.34 To -10.15%

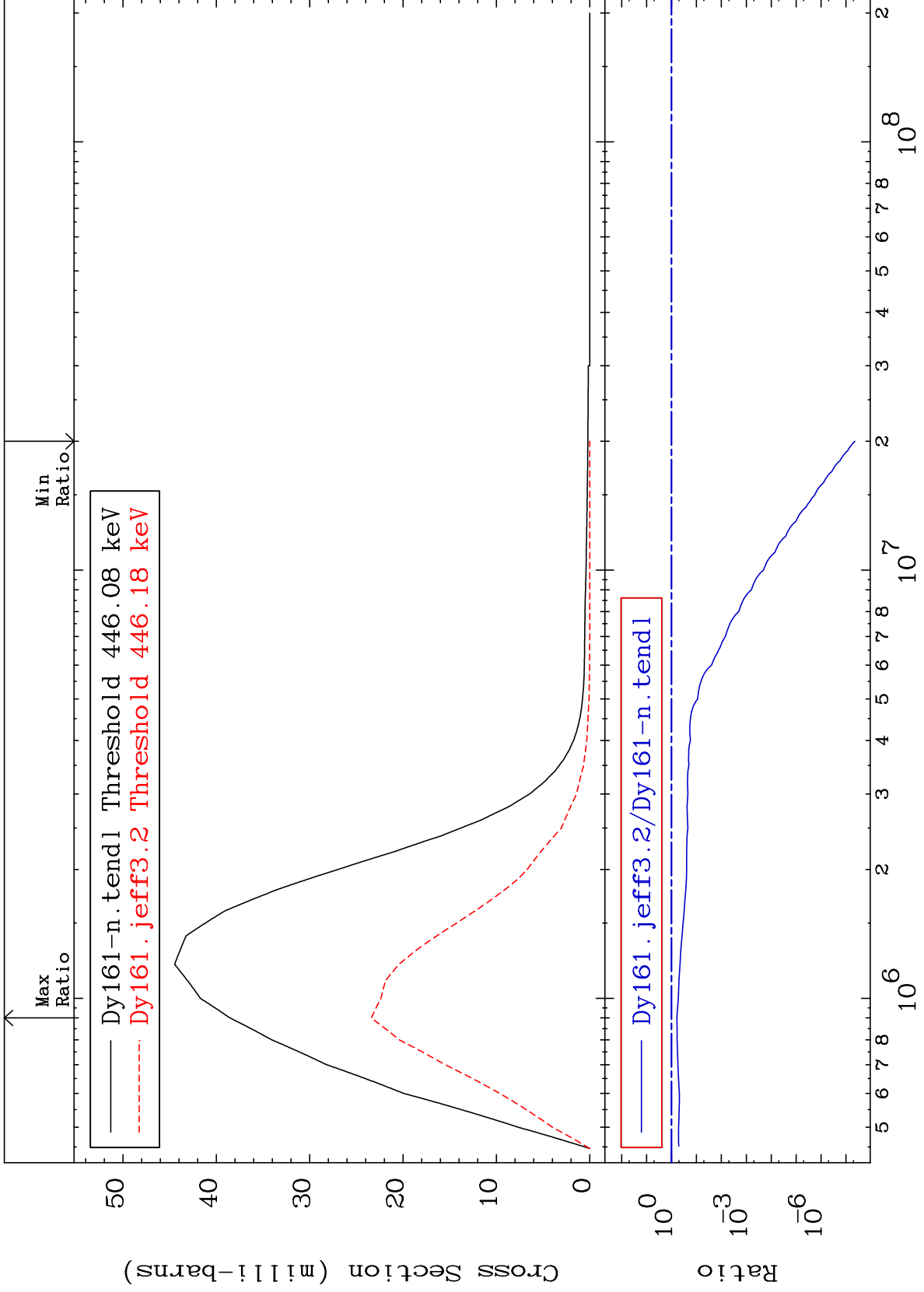




MAT 6640

443.3 keV (n,n') Level  
Cross Section

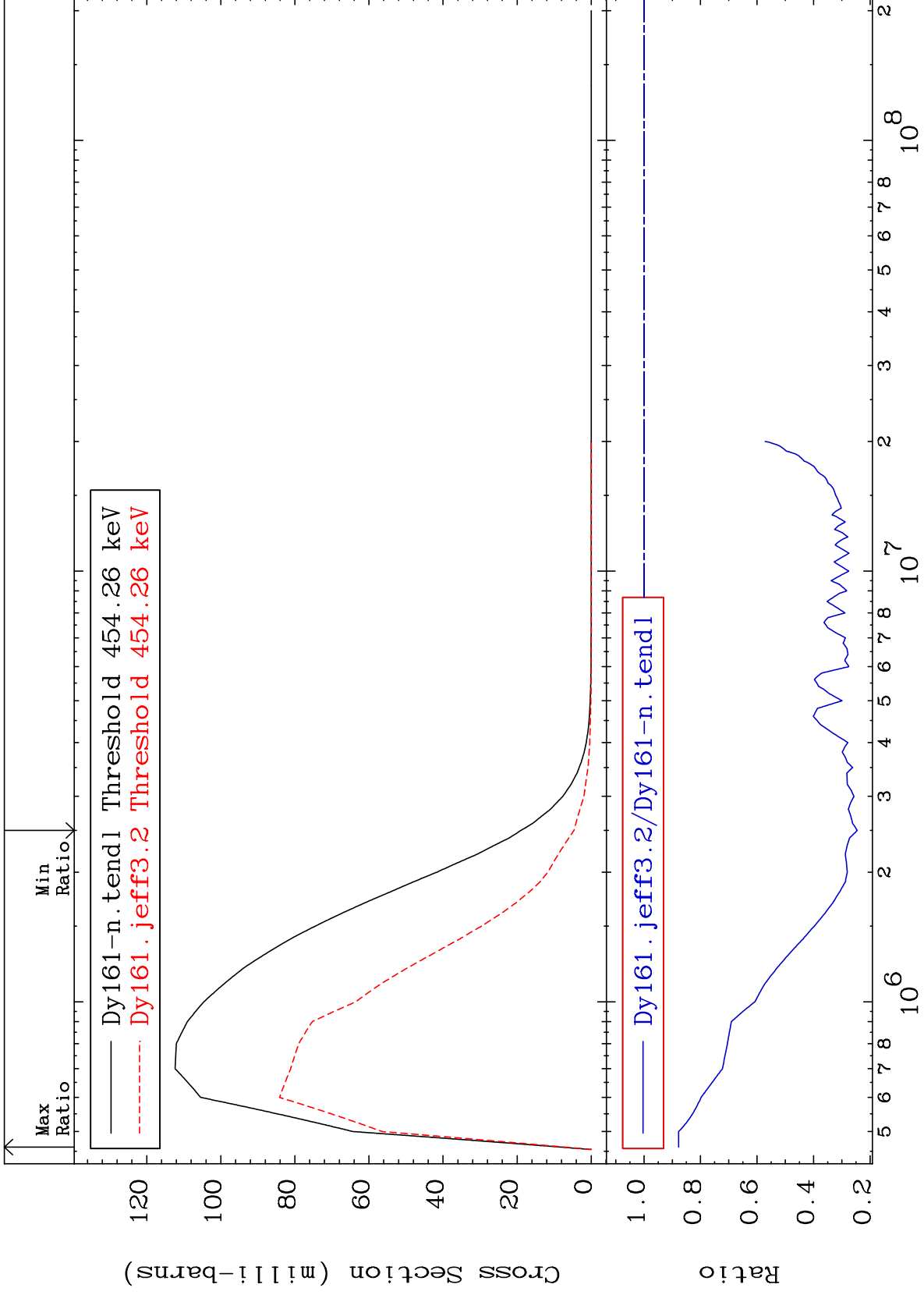
66-Dy-161  
-100.0 To -39.30%



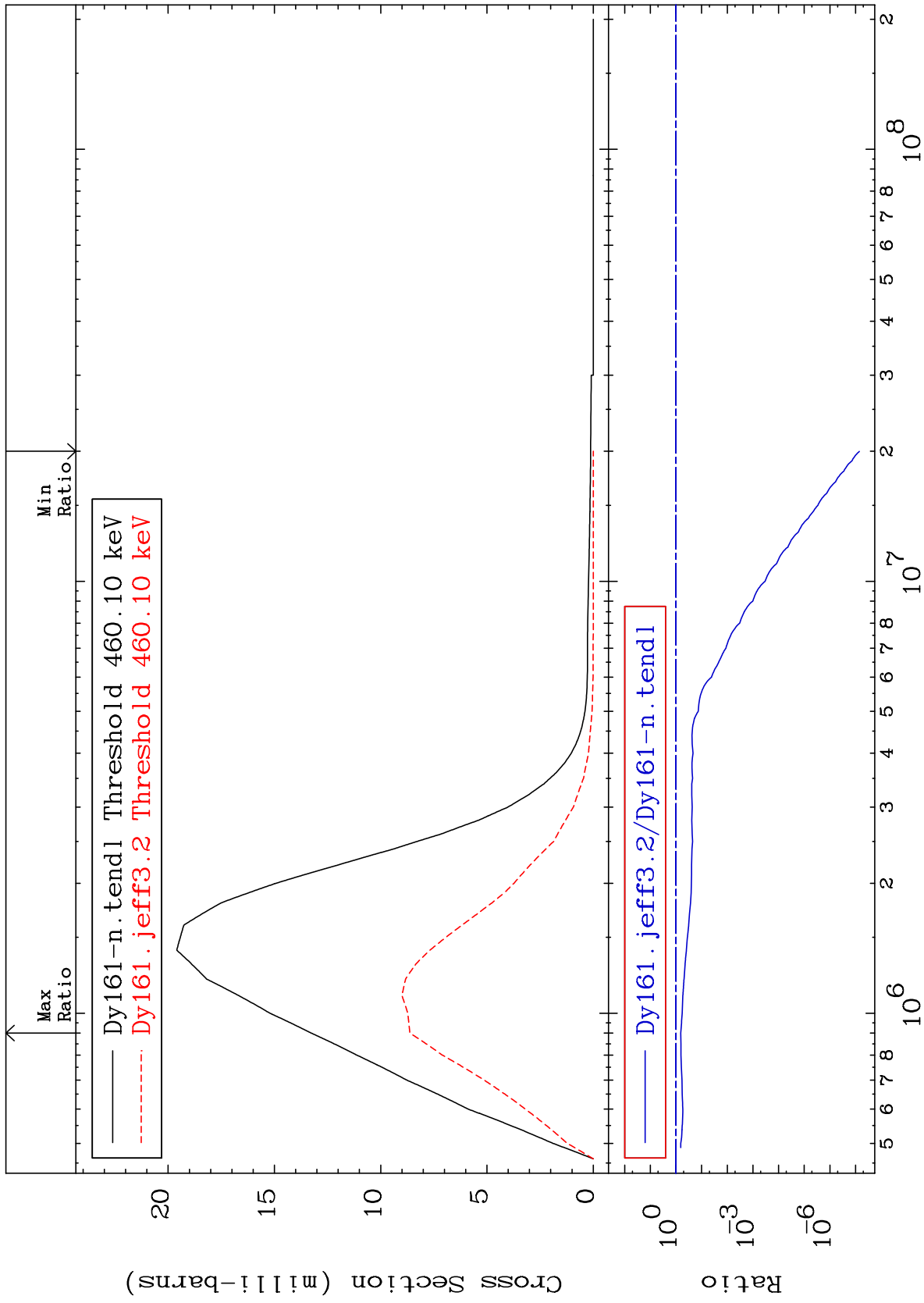
MAT 6640

451.4 keV (n,n') Level  
Cross Section

66-Dy-161  
-75.45 To -12.26%



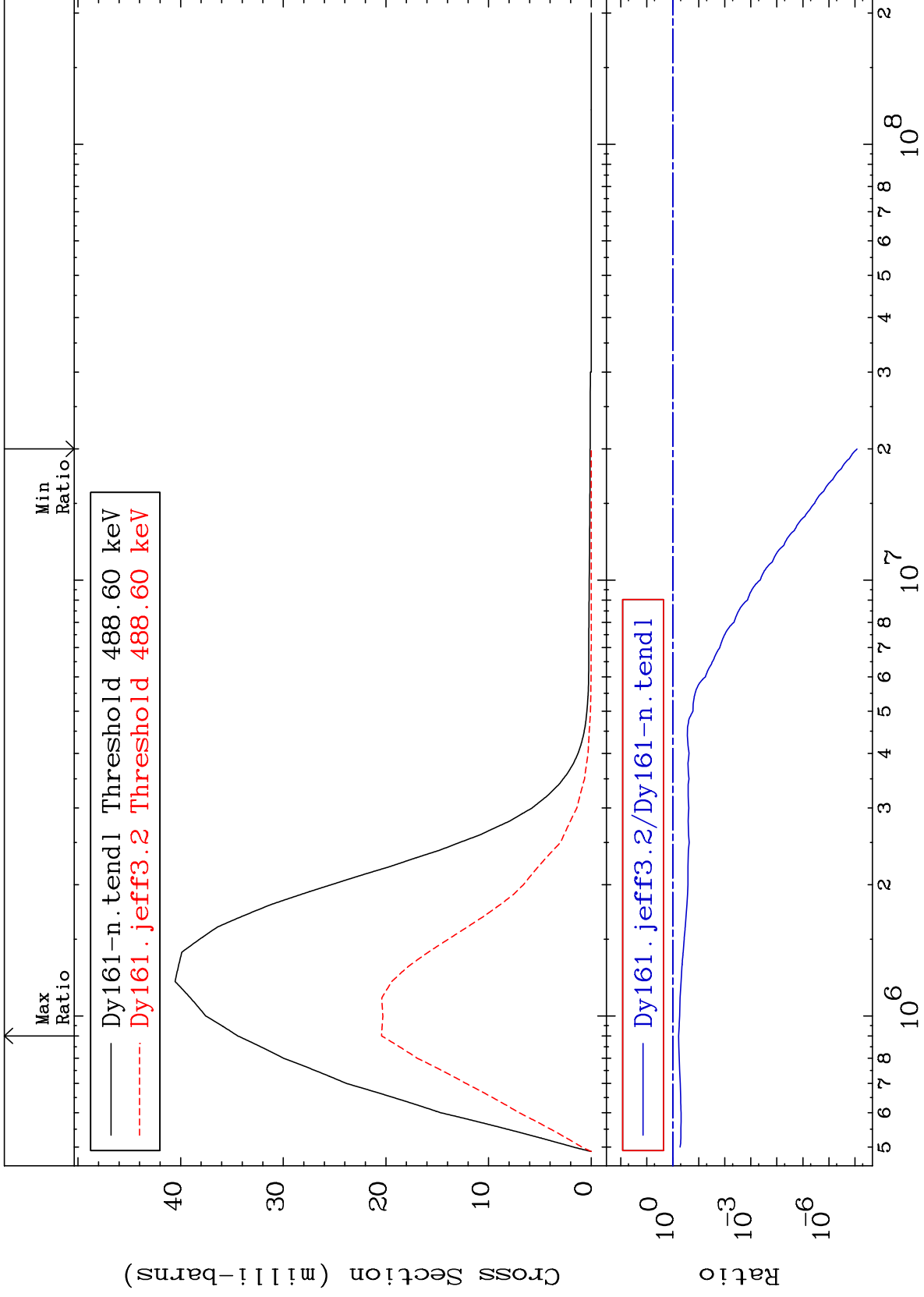
MAT 6640      457.2 keV (n,n') Level      66-Dy-161  
 Cross Section      -100.0 To -34.99%



MAT 6640

485.6 keV (n,n') Level  
Cross Section

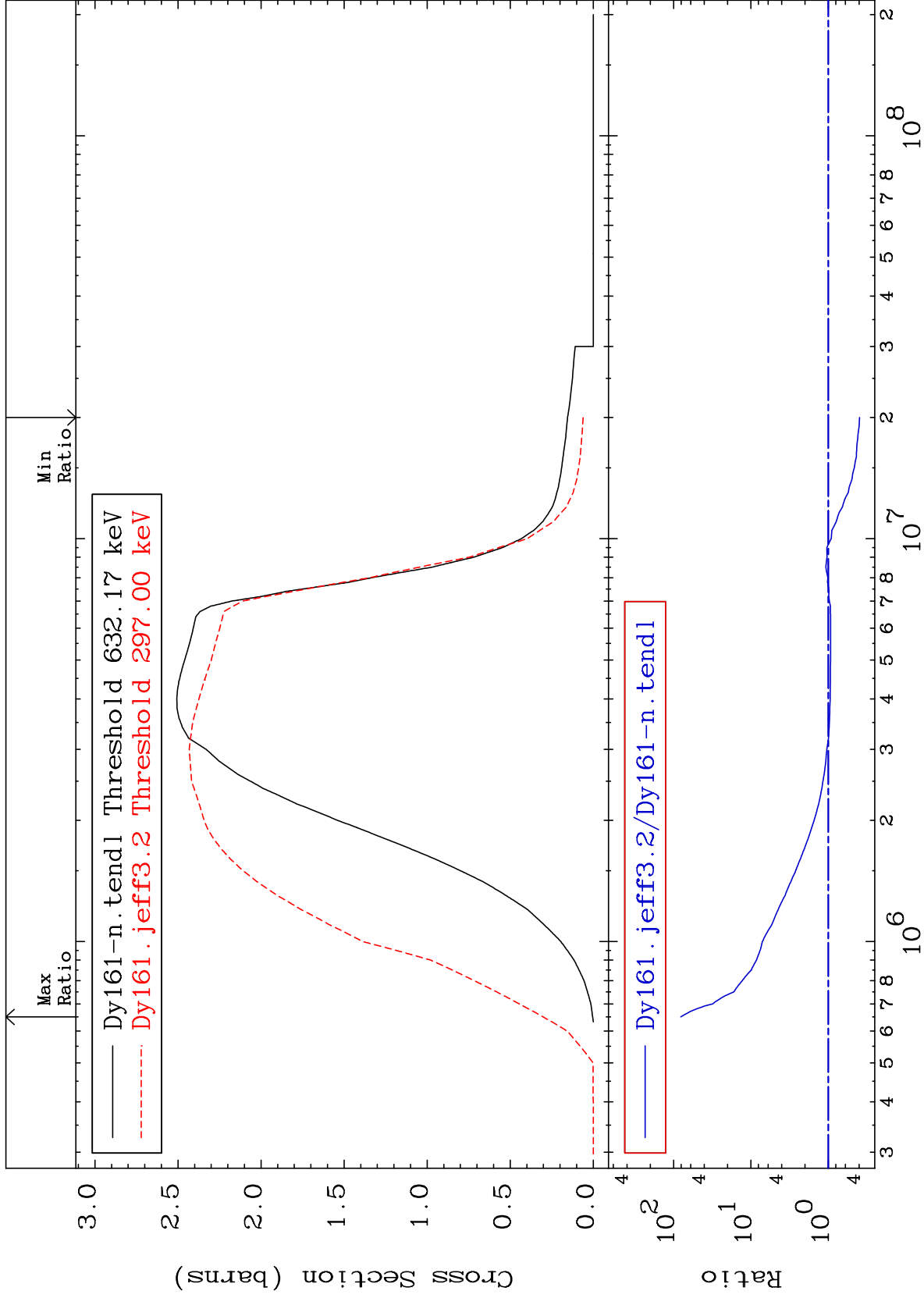
66-Dy-161  
-100.0 To -40.67%



MAT 6640

(n,n') Continuum  
Cross Section

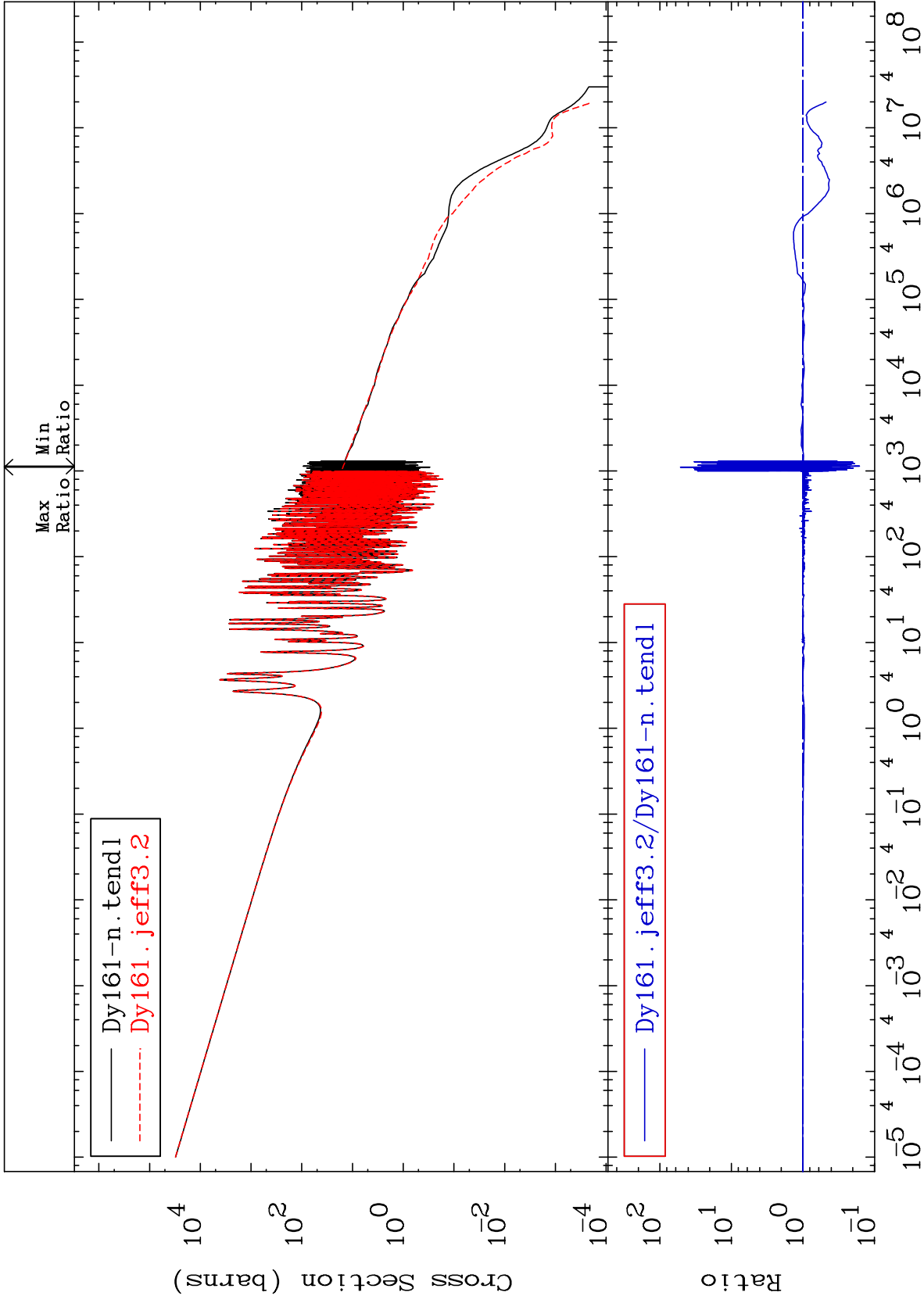
66-Dy-161  
-60.58 To 7971. %



MAT 6640

(n,  $\gamma$ )  
Cross Section

66-Dy-161  
-83.83 To 5064. %



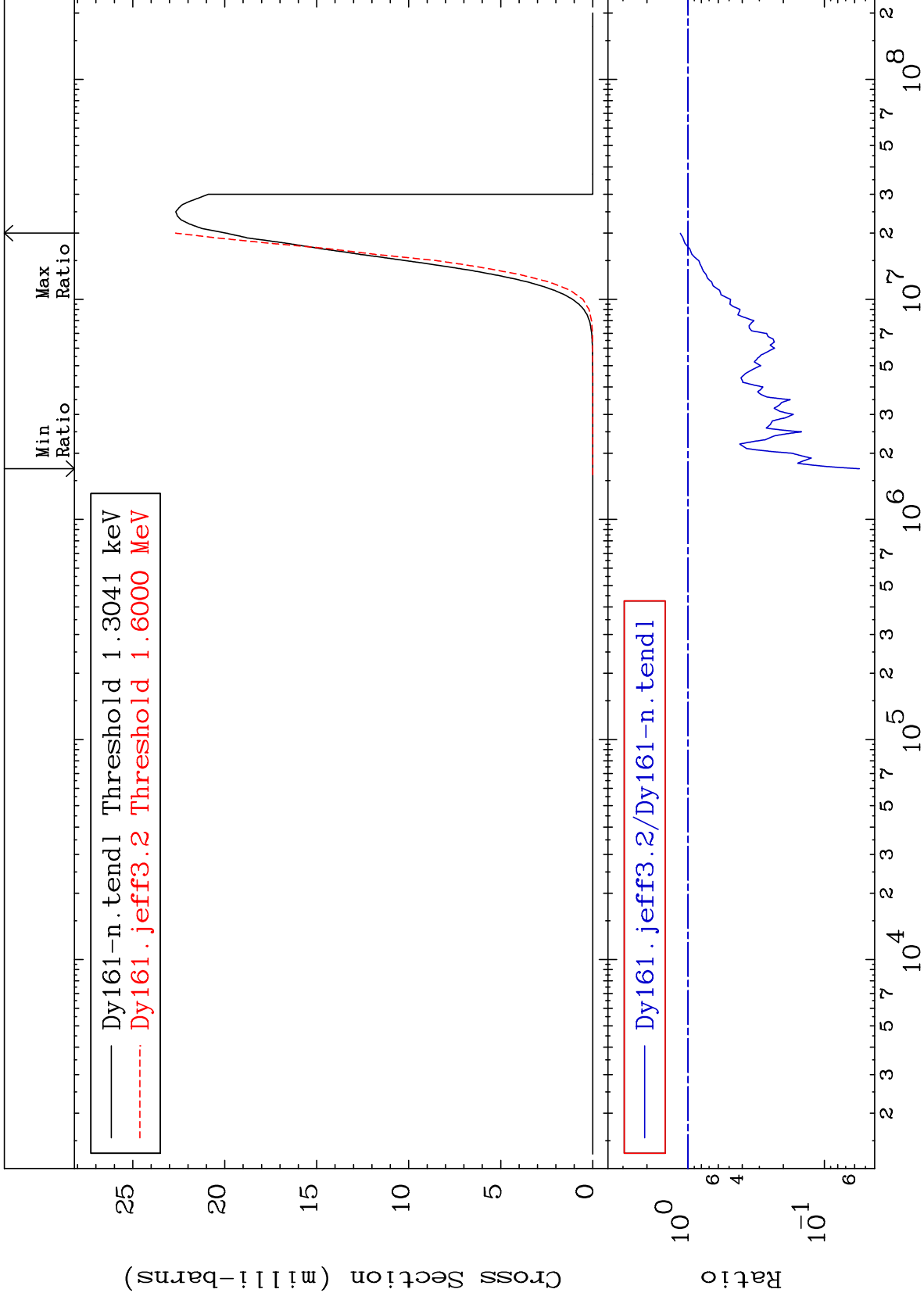
MAT 6640

(n, p)

66-Dy-161

Cross Section

-94.46 To 13.88 %



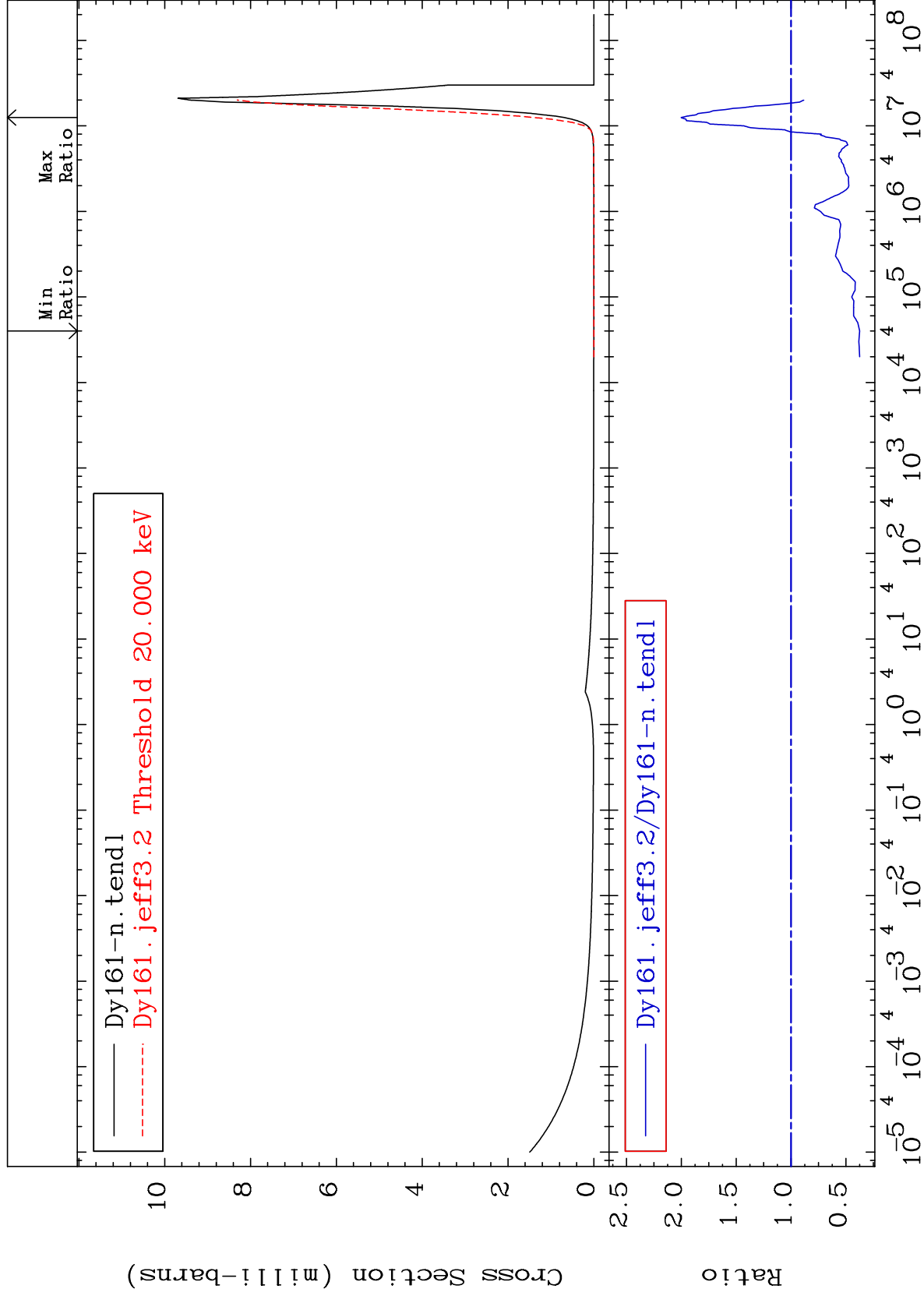
MAT 6640

(n,  $\alpha$ )

66-Dy-161

Cross Section

-62.58 To 100.2 %

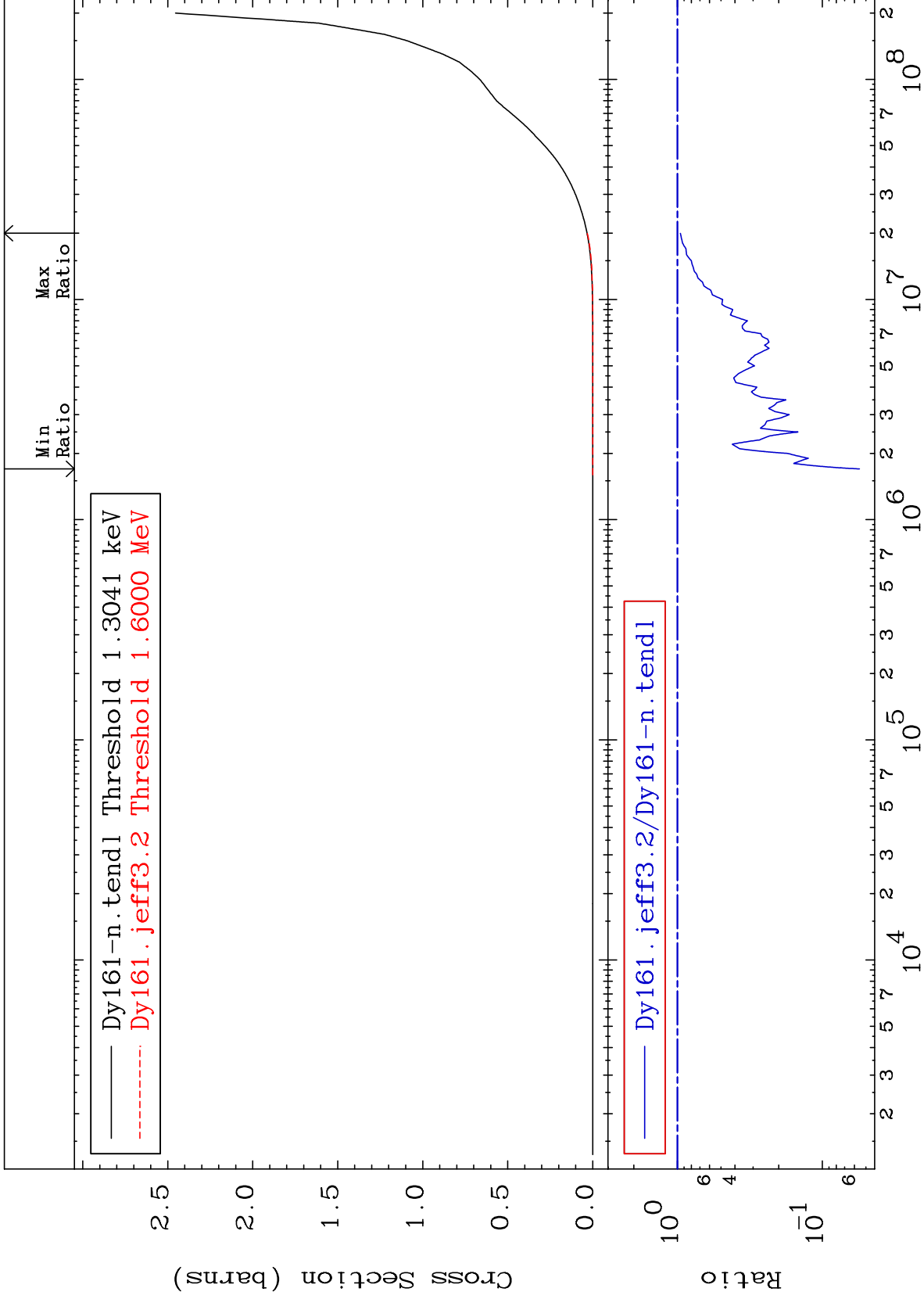


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Incident Energy (eV)

66-Dy-161

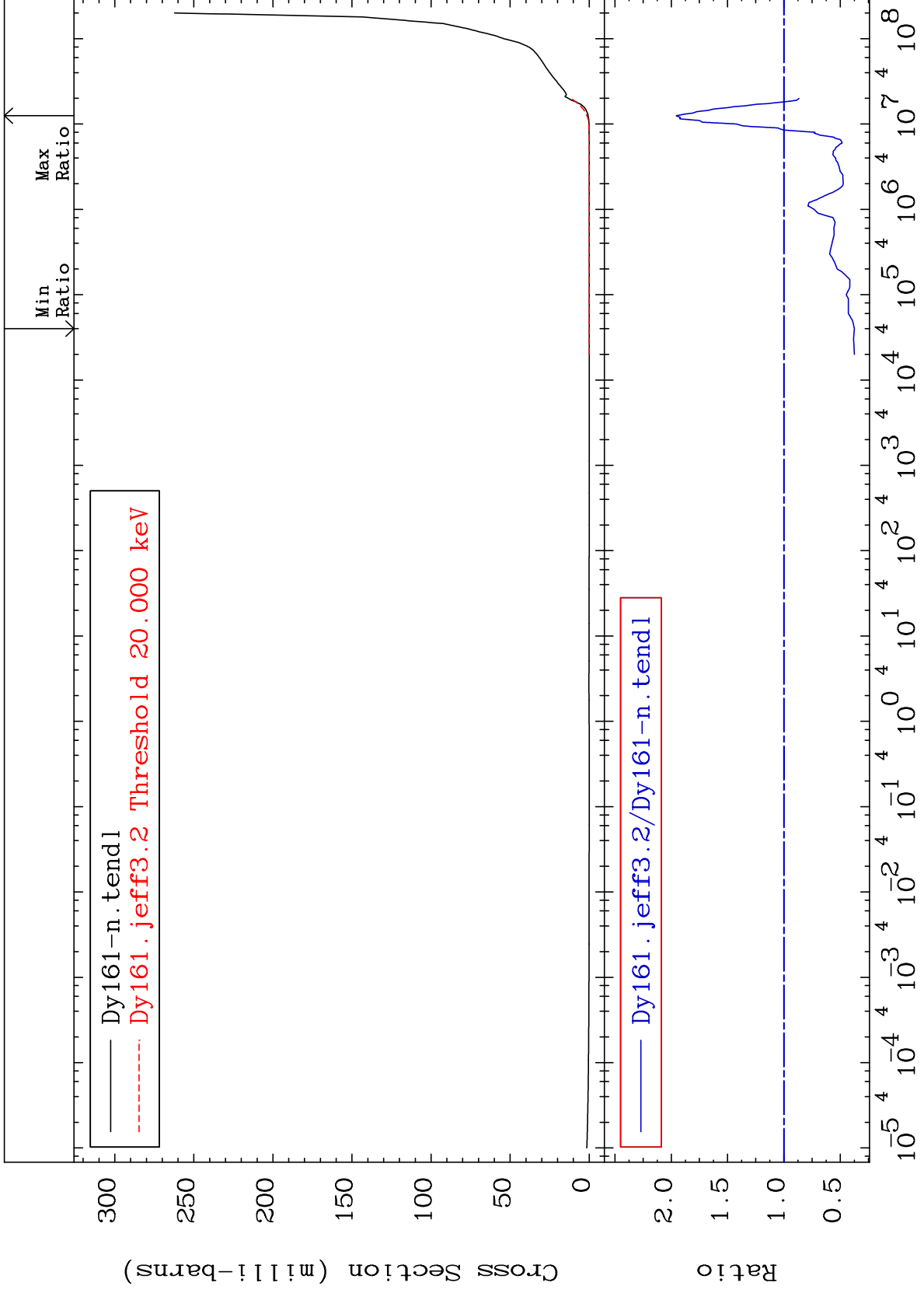




MAT 6640

He-4 Production  
Cross Section

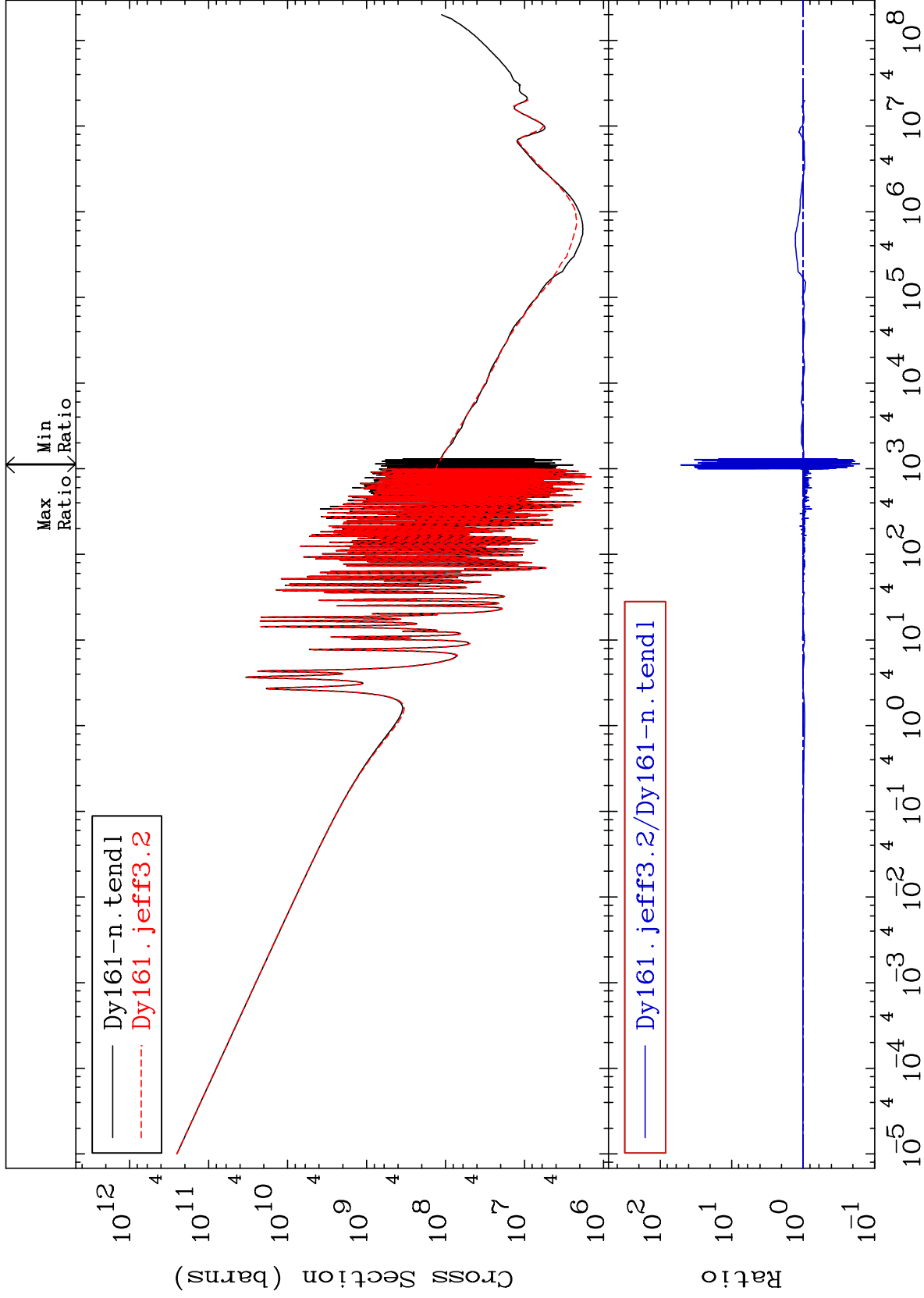
66-Dy-161  
-62.58 To 95.47 %



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Incident Energy (eV)

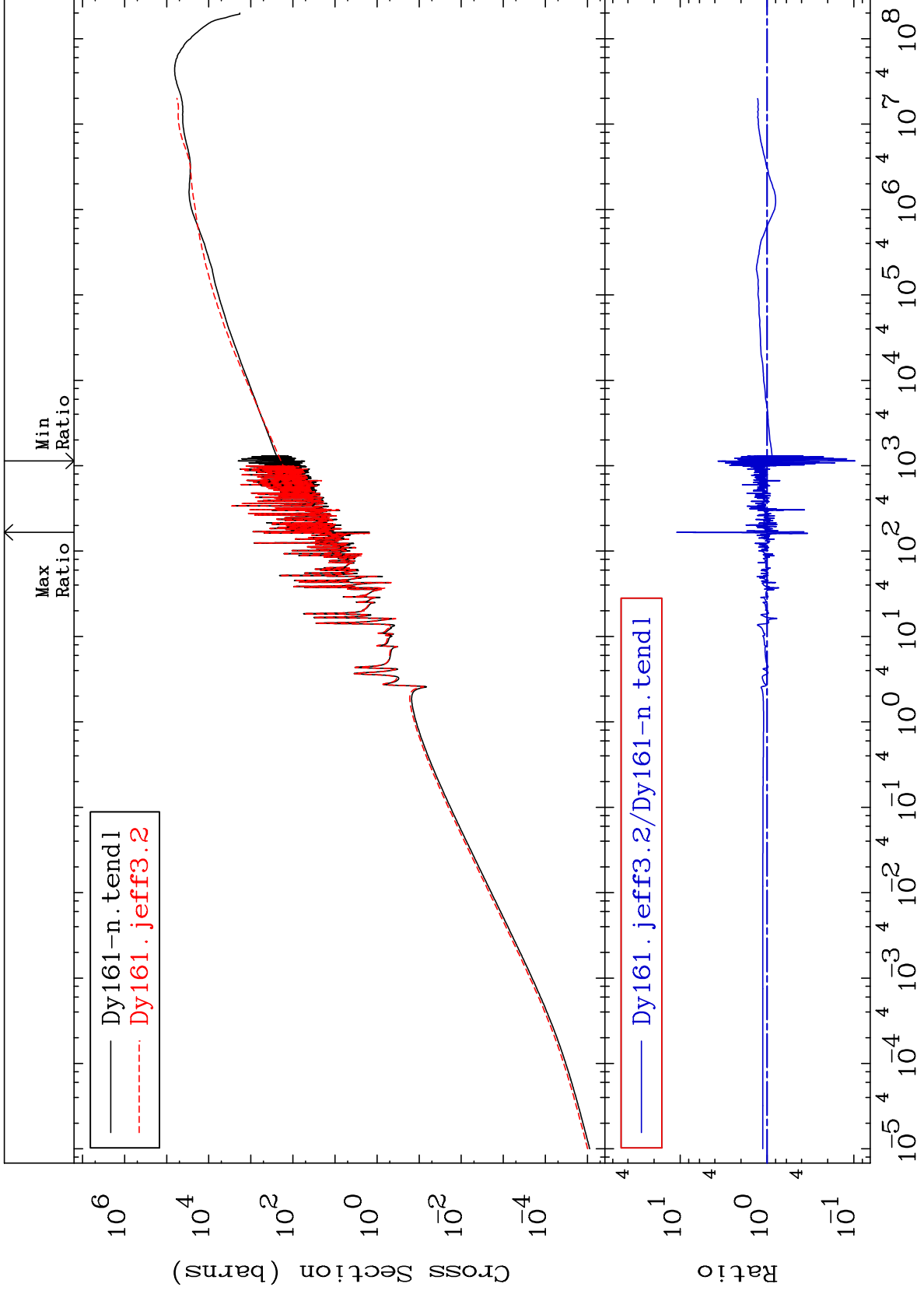
66-Dy-161



MAT 6640

Kerma elastic  
Cross Section

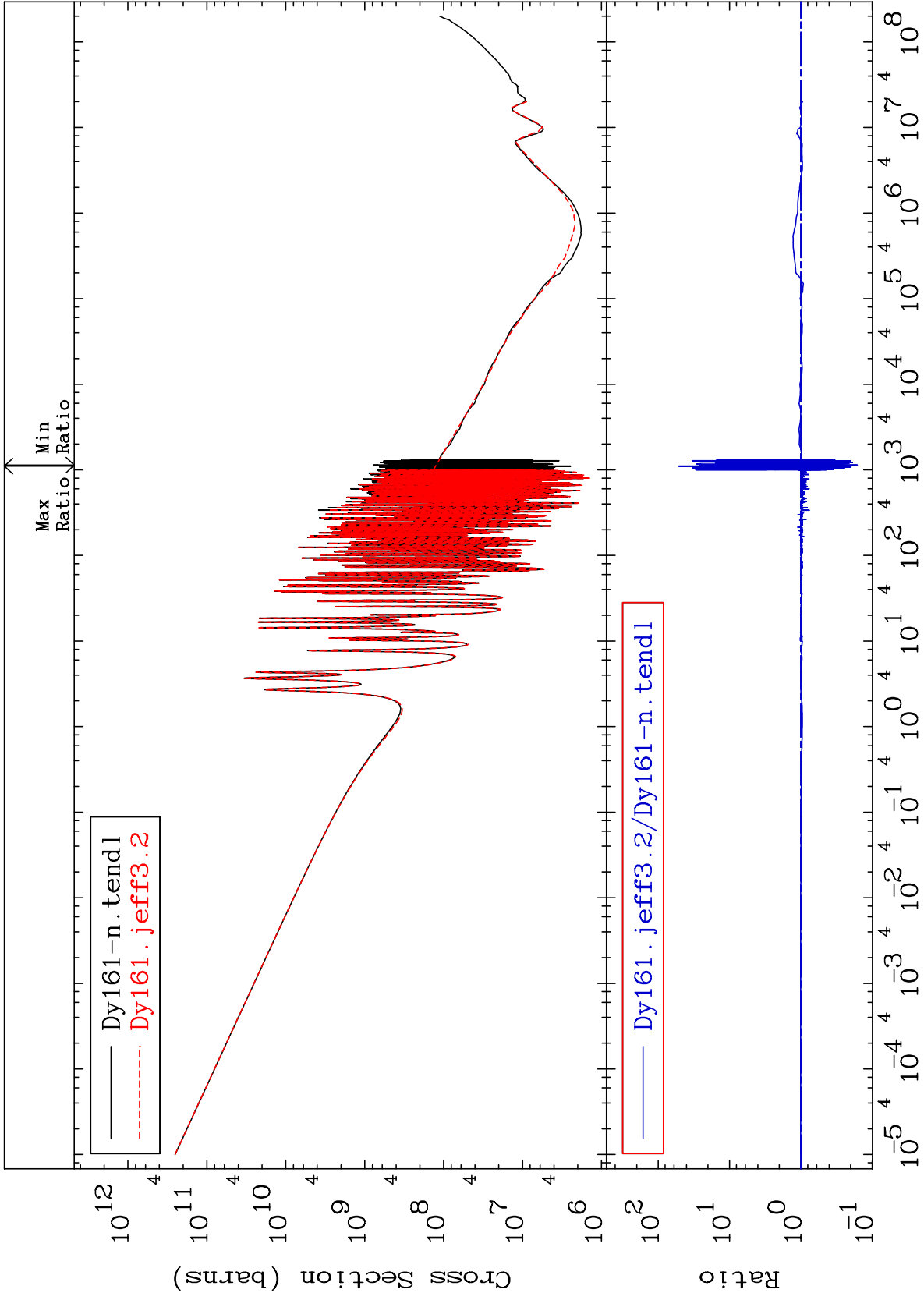
66-Dy-161  
-90.30 To 993.3 %

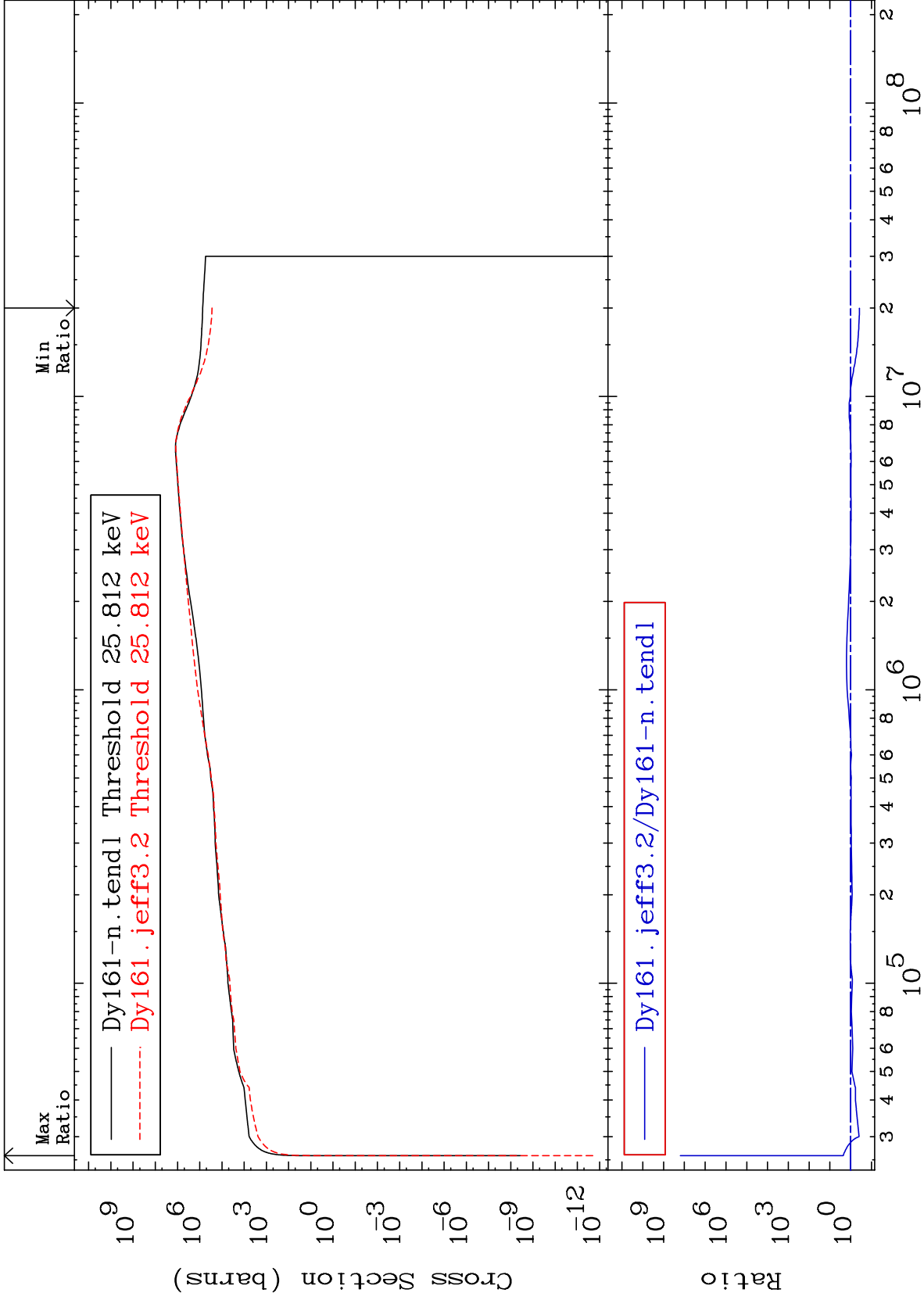


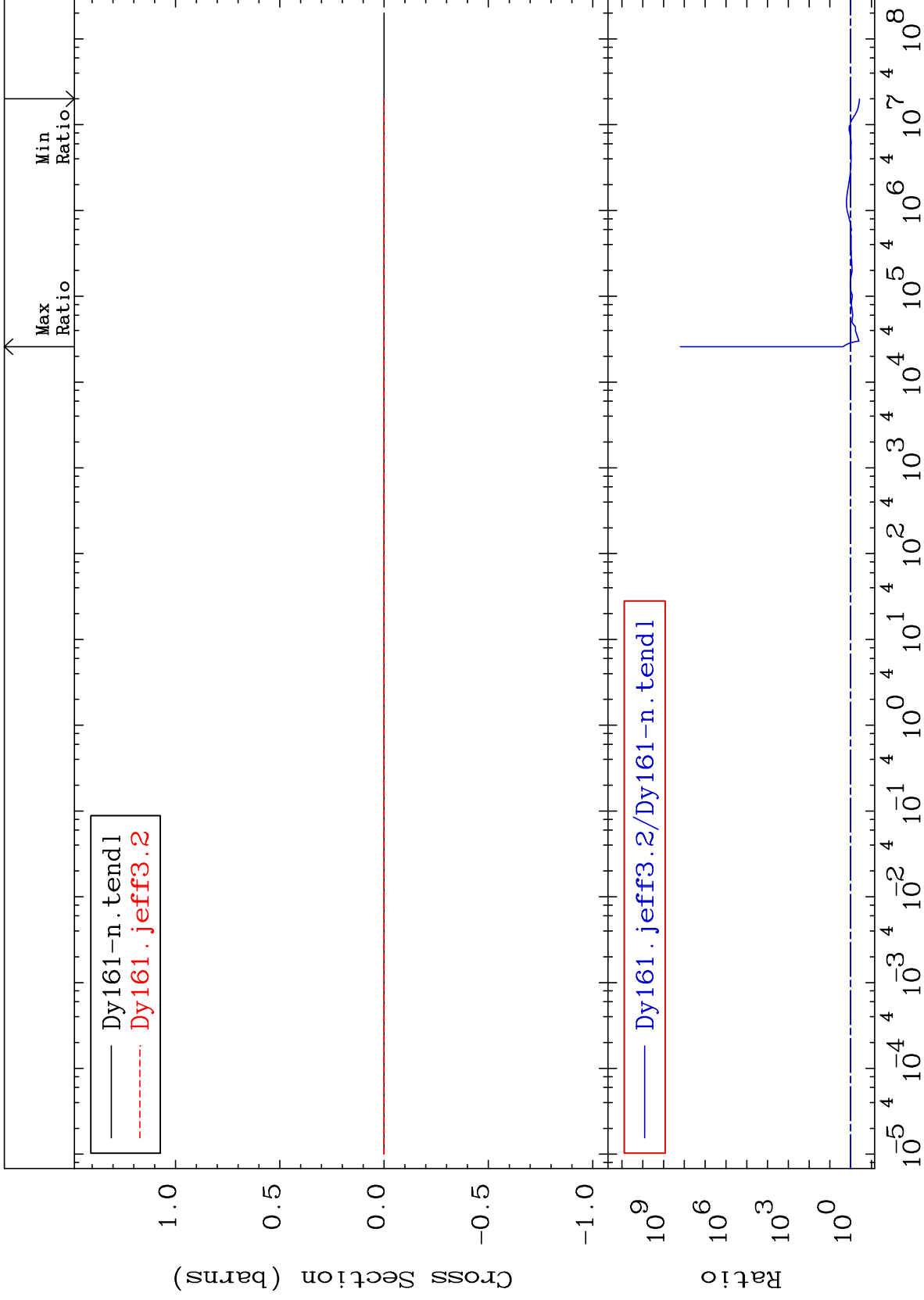
MAT 6640

Kerma non-elastic (all but mt2)  
Cross Section

66-Dy-161  
-83.83 To 5063. %



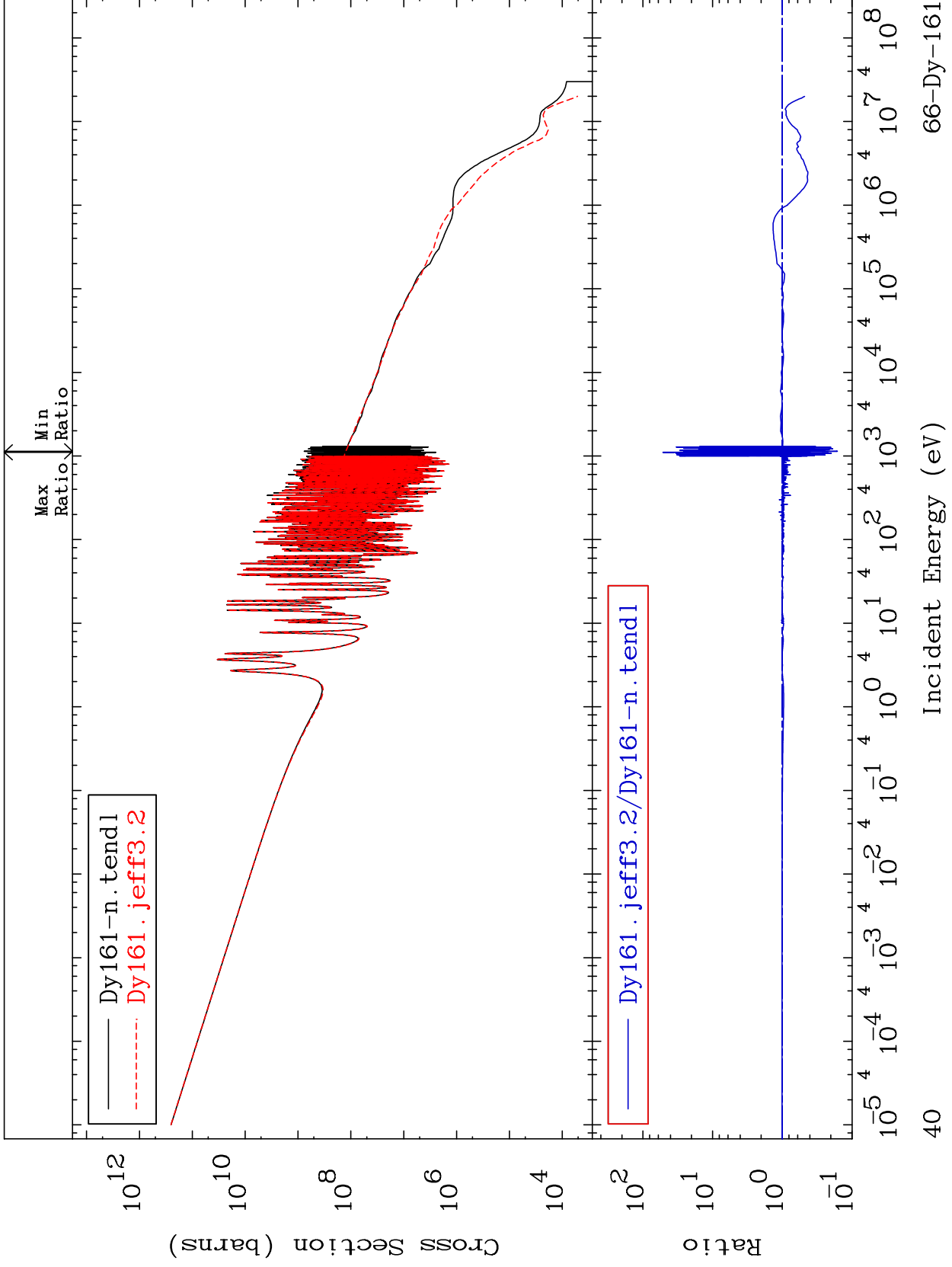




MAT 6640

Kerma capture (mt102)  
Cross Section

66-Dy-161  
-83.83 To 5064. %



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Incident Energy (eV)

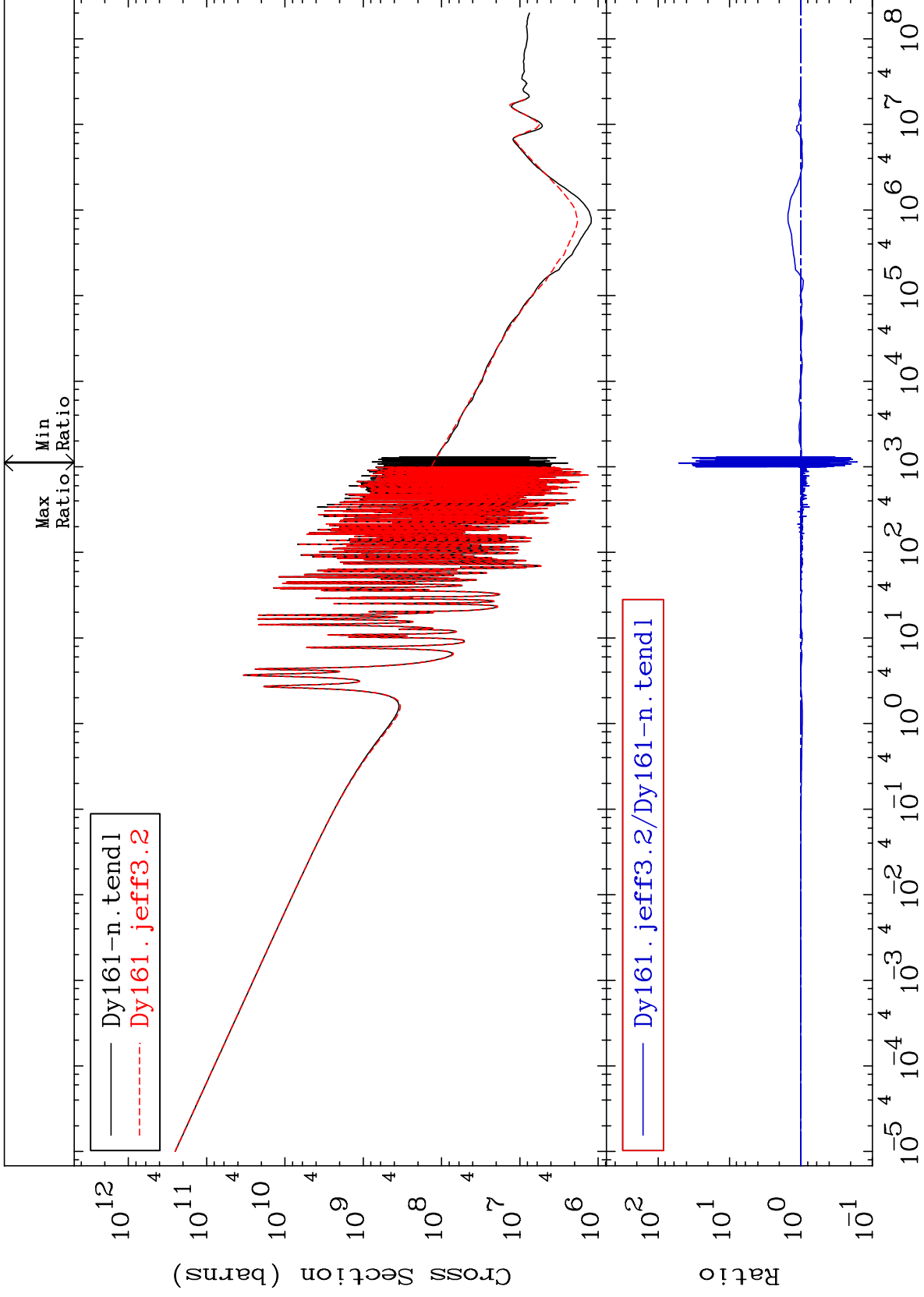
66-Dy-161



MAT 6640

Total photon (eV-barns)  
Cross Section

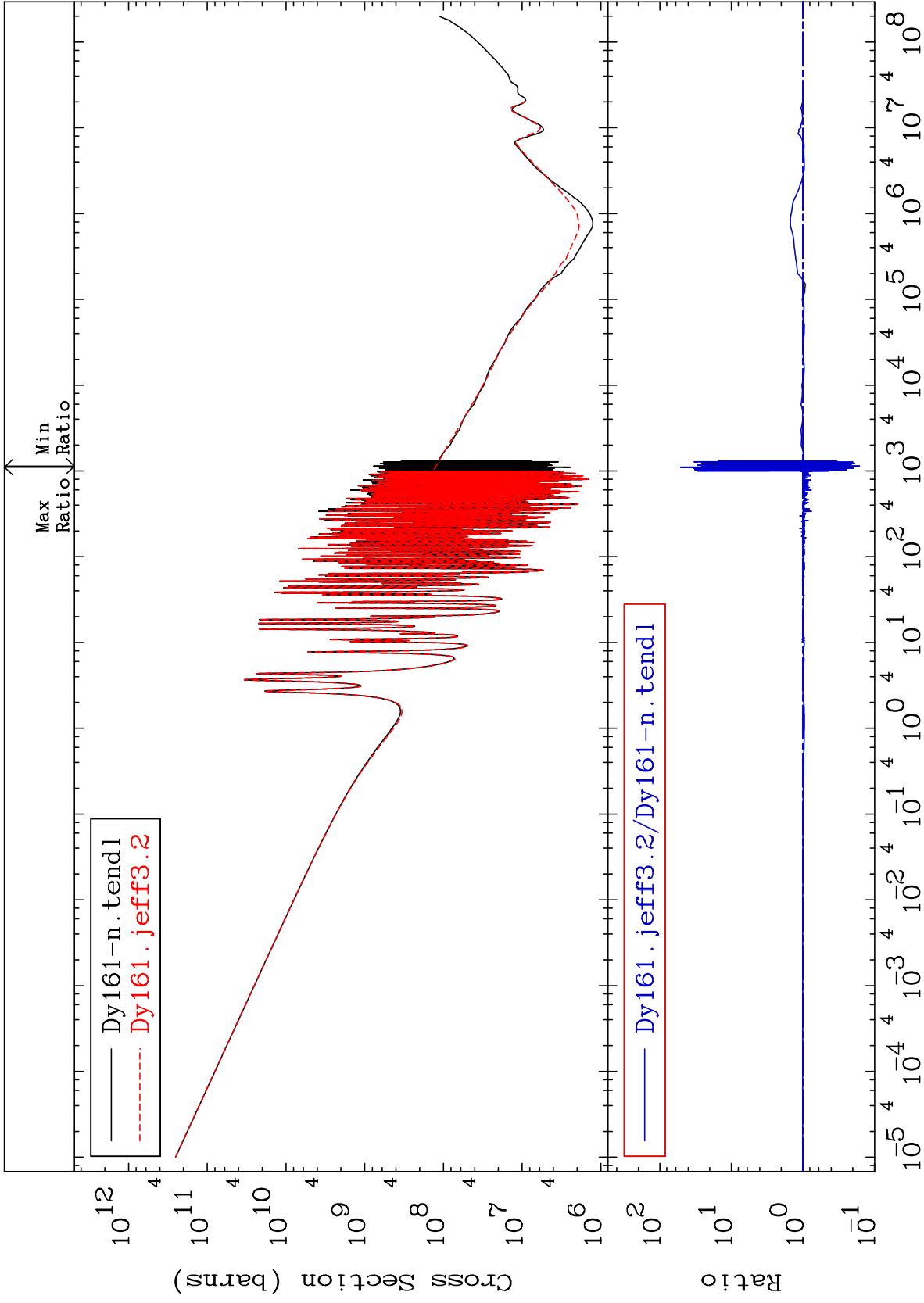
66-Dy-161  
-83.83 To 5064. %

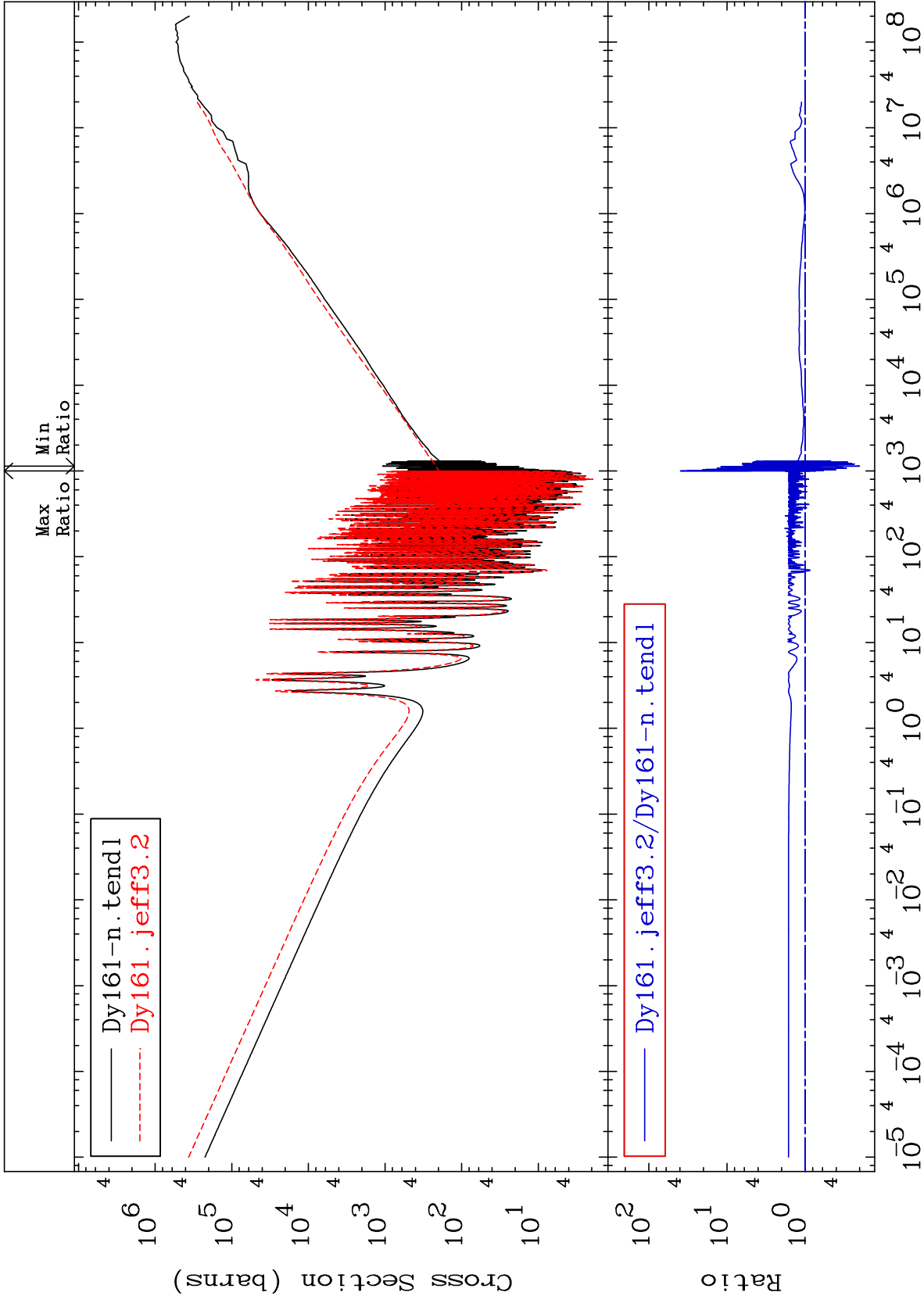


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Incident Energy (eV)

66-Dy-161

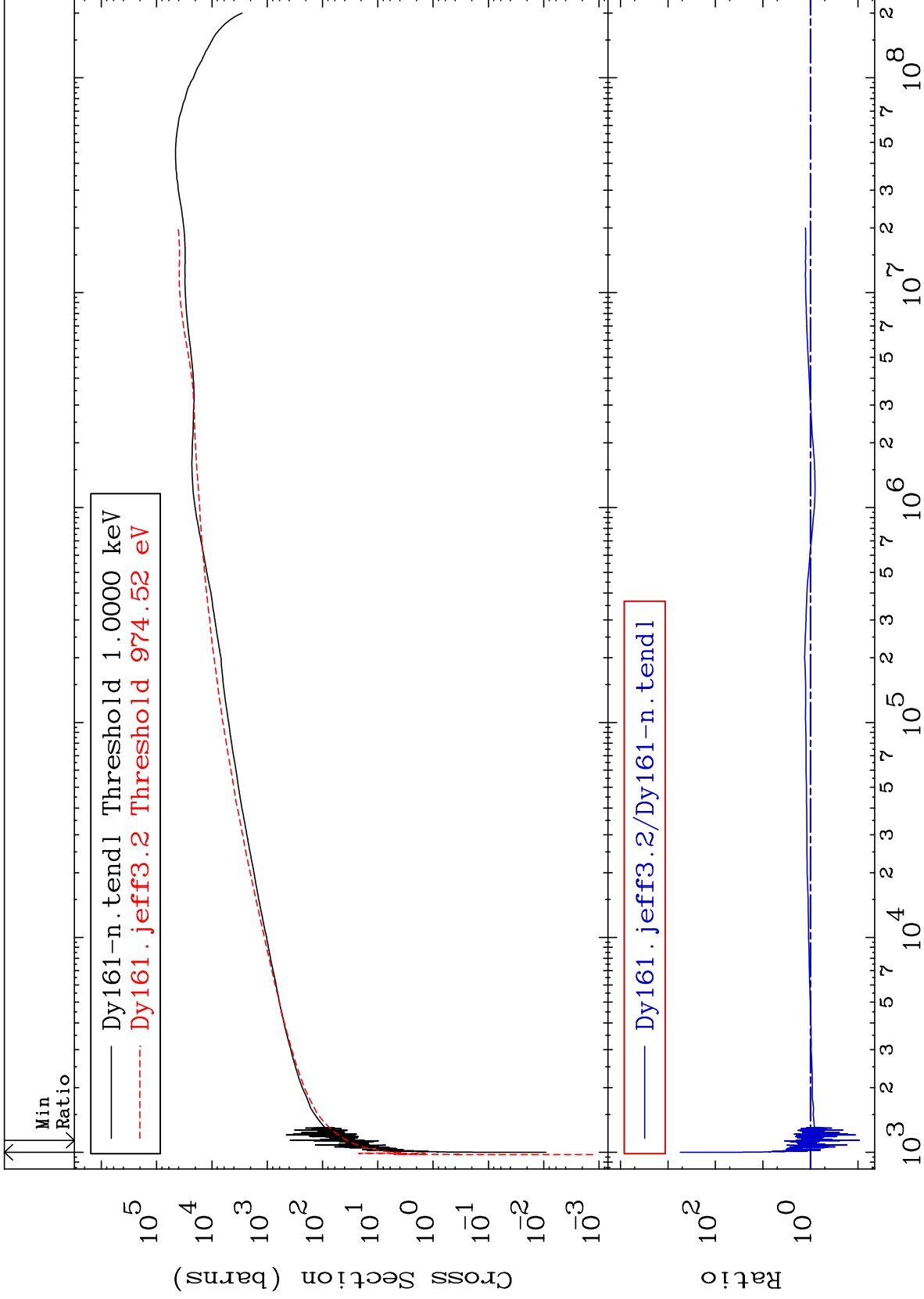




MAT 6640

Dpa elastic (mt2)  
Cross Section

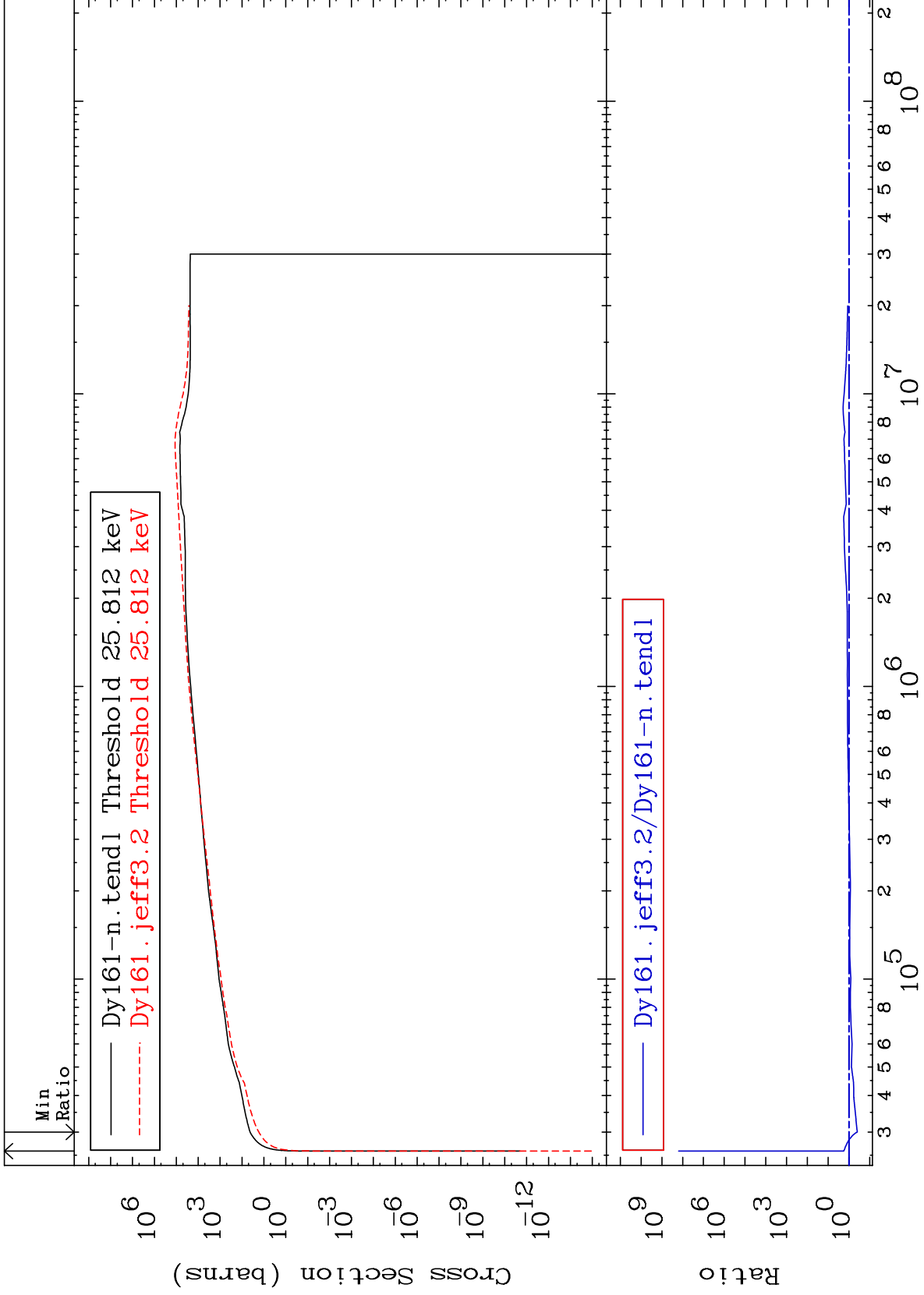
66-Dy-161  
-90.68 To 9999. %



MAT 6640

Dpa inelastic (mt51-91)  
Cross Section

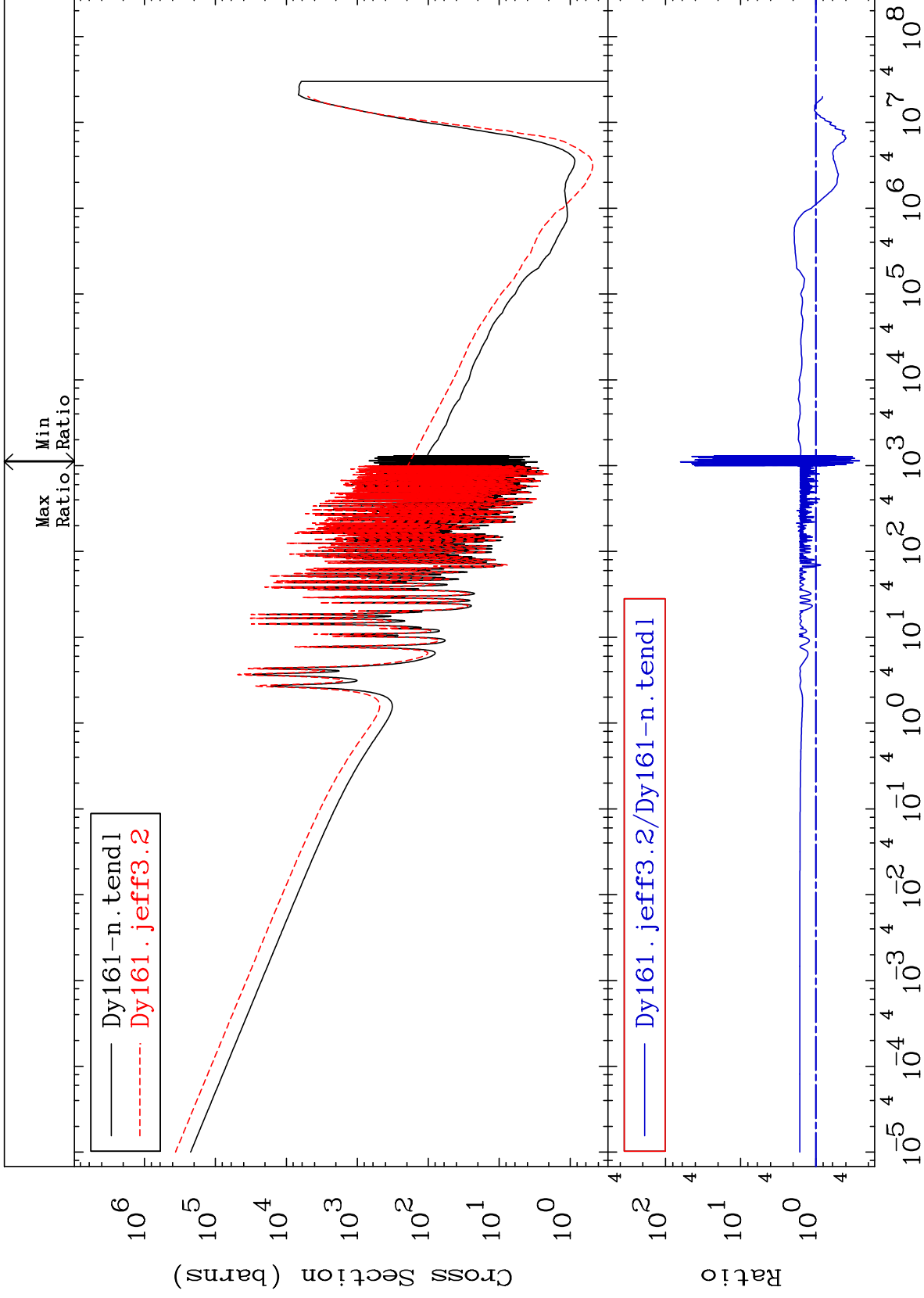
66-Dy-161  
-60.50 To 9999. %



MAT 6640

Dpa disappearance (mt102 -120)  
Cross Section

66-Dy-161  
-73.67 To 6236. %



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Incident Energy (eV)

66-Dy-161