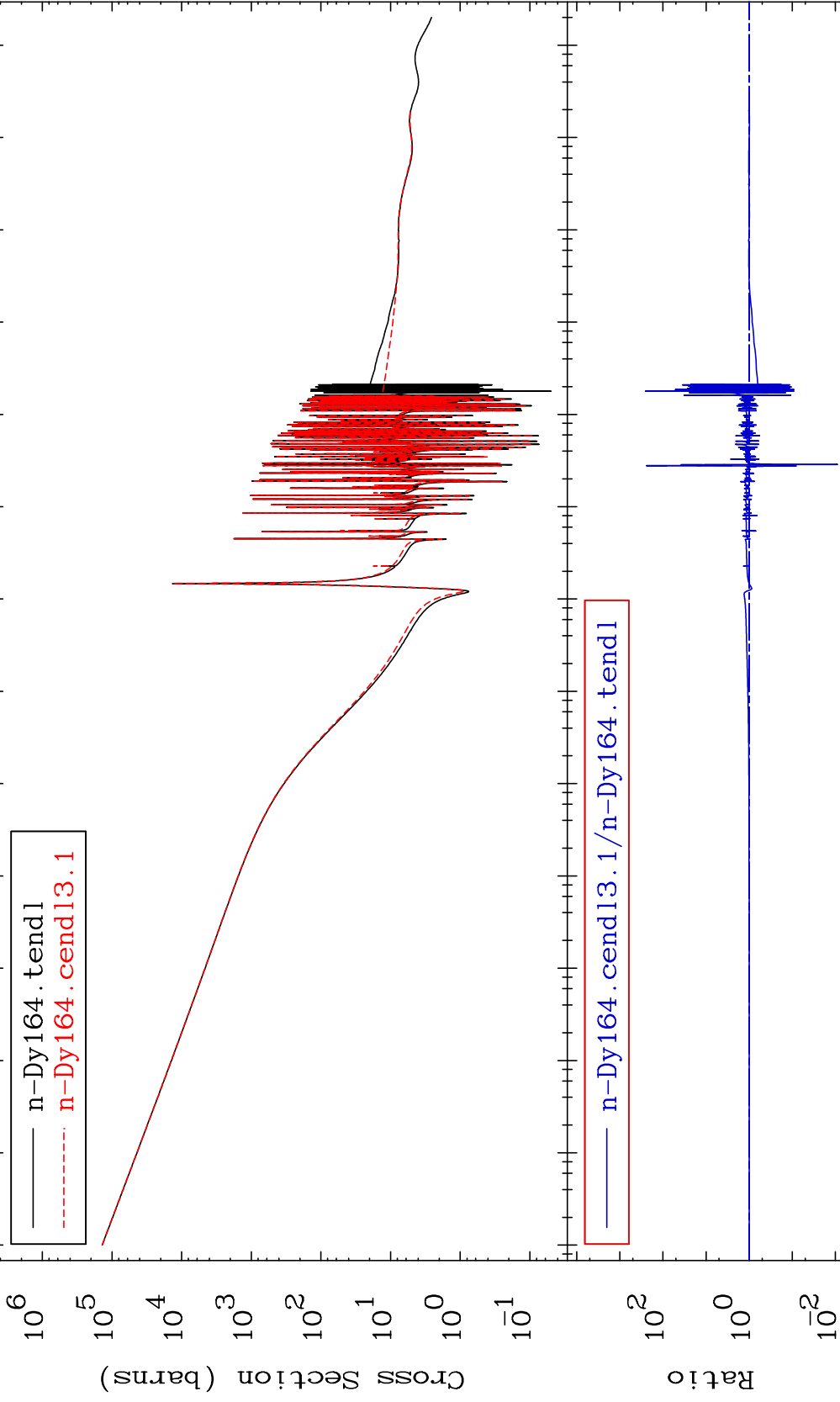


MAT 6649

Total Cross Section  
66-Dy-164  
-99.12 To 9999. %



Incident Energy (eV) 66-Dy-164

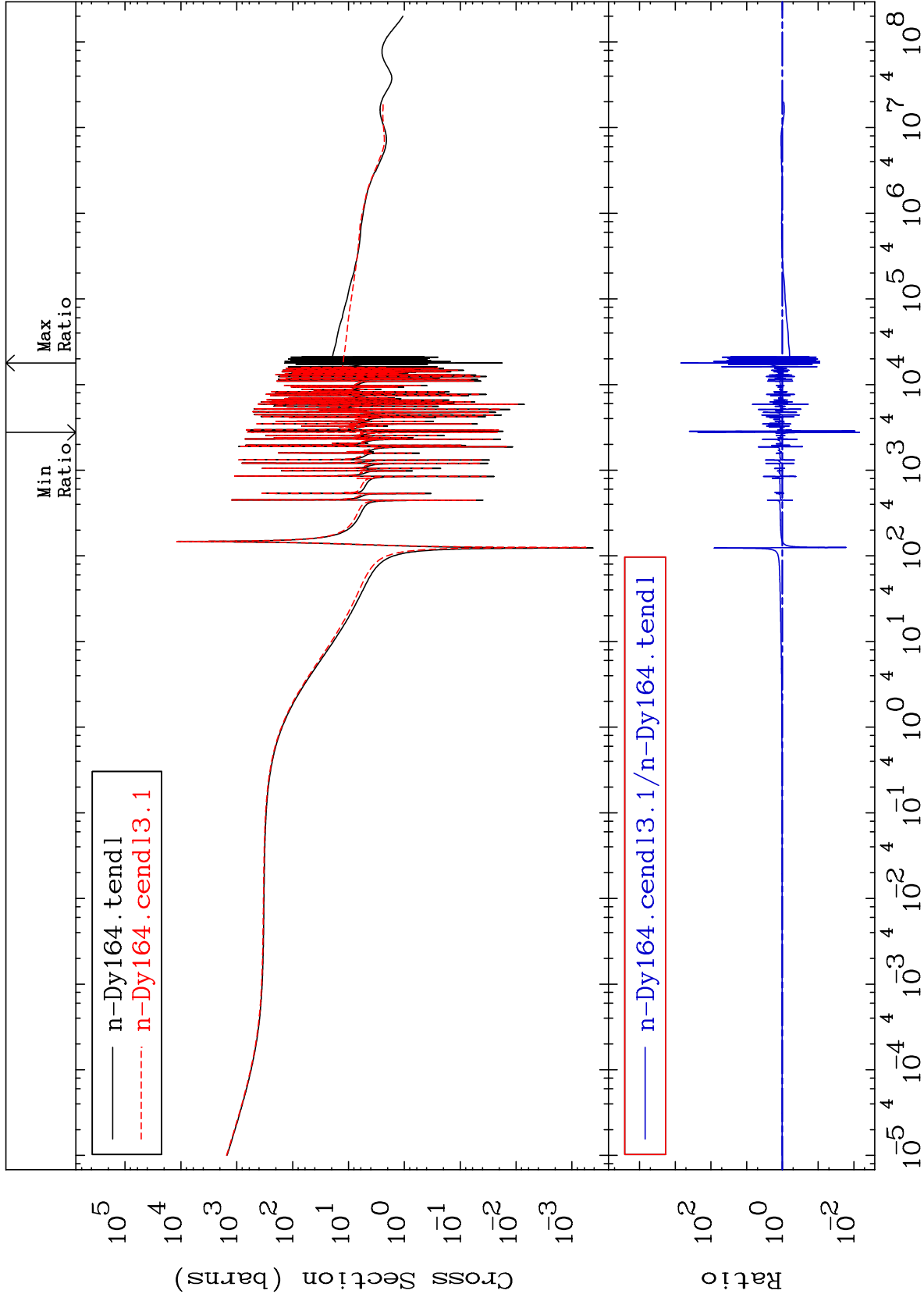
MAT 6649

Elastic

Cross Section

66-Dy-164

-99.31 To 9999. %



Incident Energy (eV)

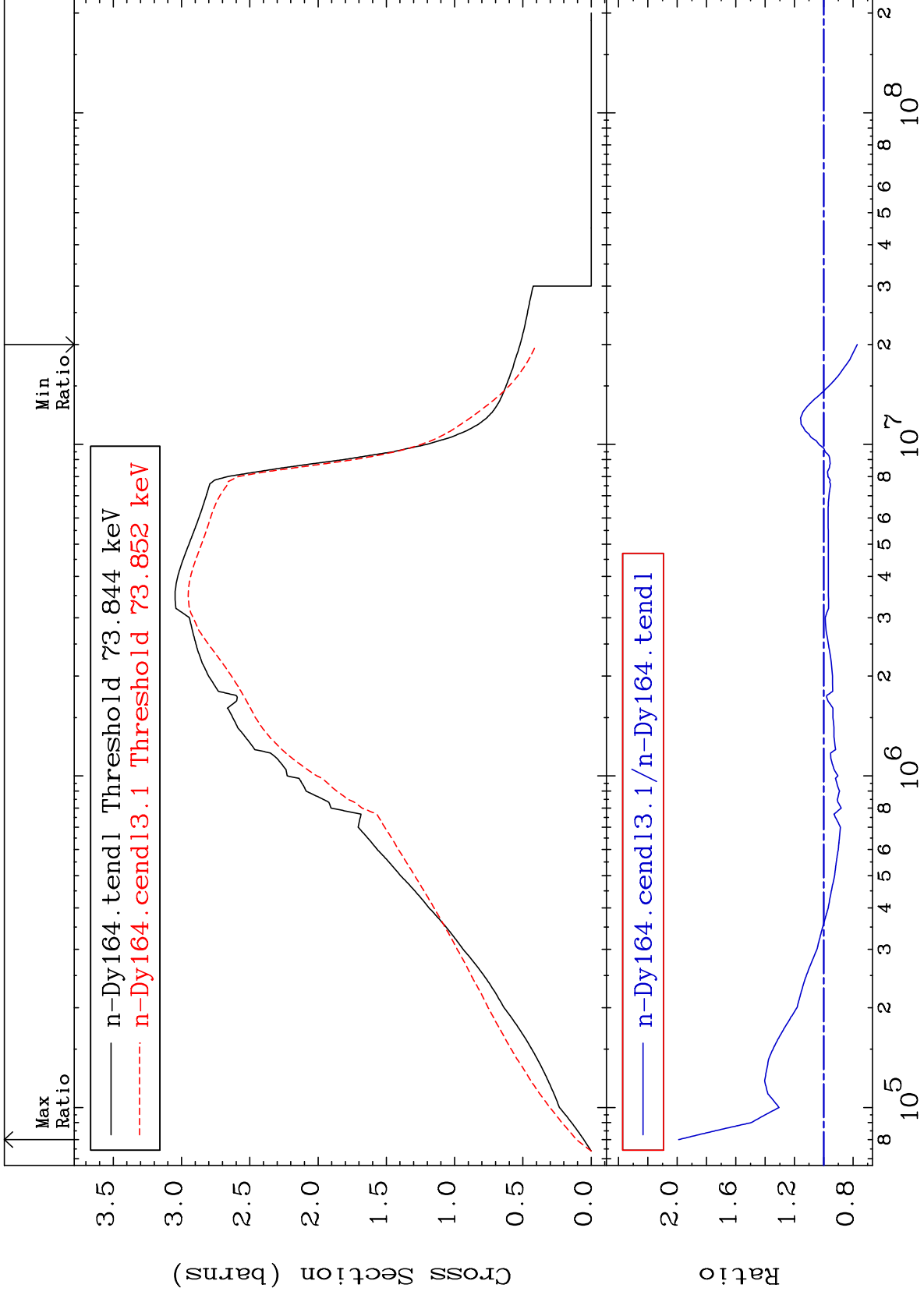
66-Dy-164

2

MAT 6649

Inelastic  
Cross Section

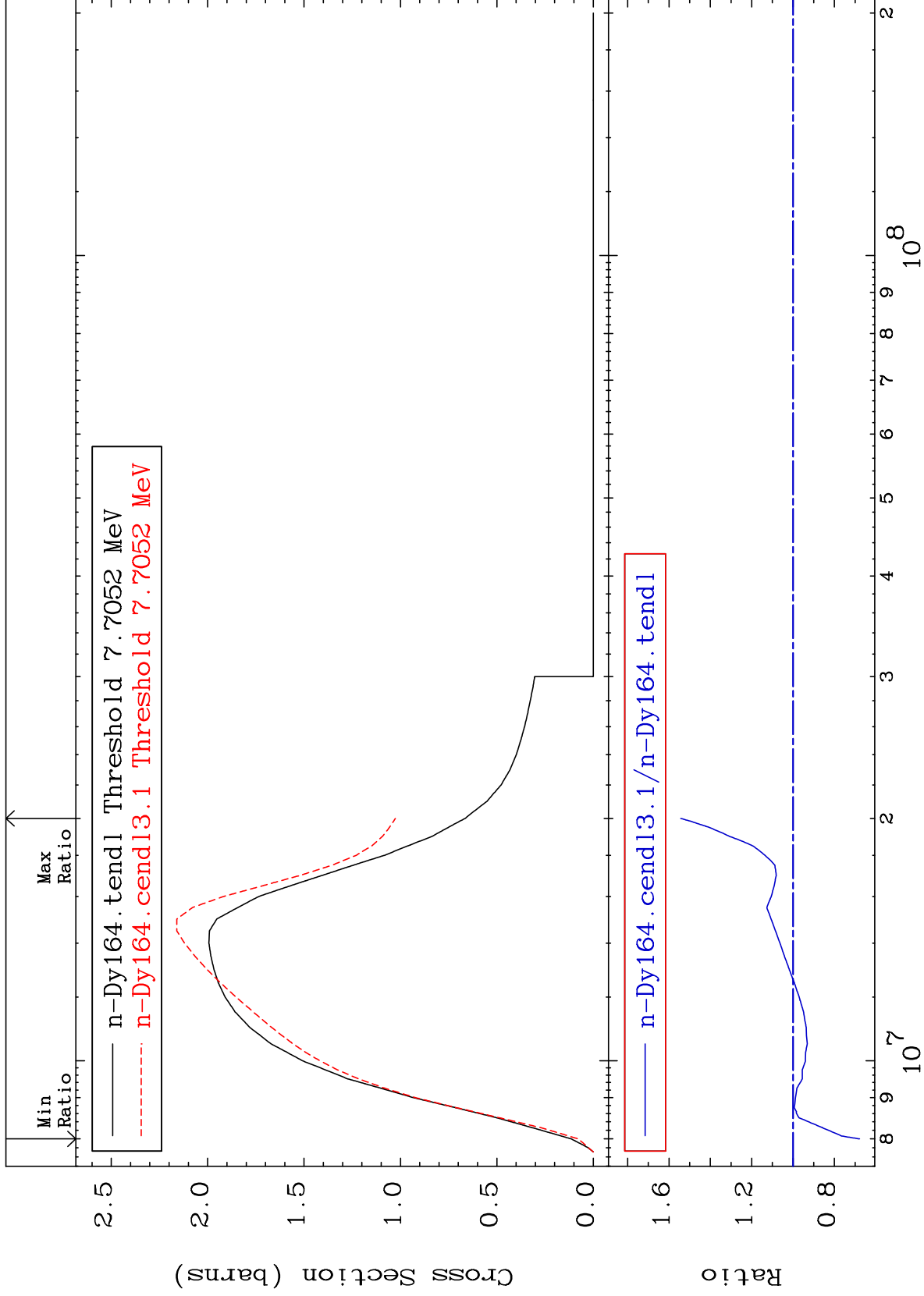
66-Dy-164  
-22.85 To 98.99 %



MAT 6649

(n,2n)  
Cross Section

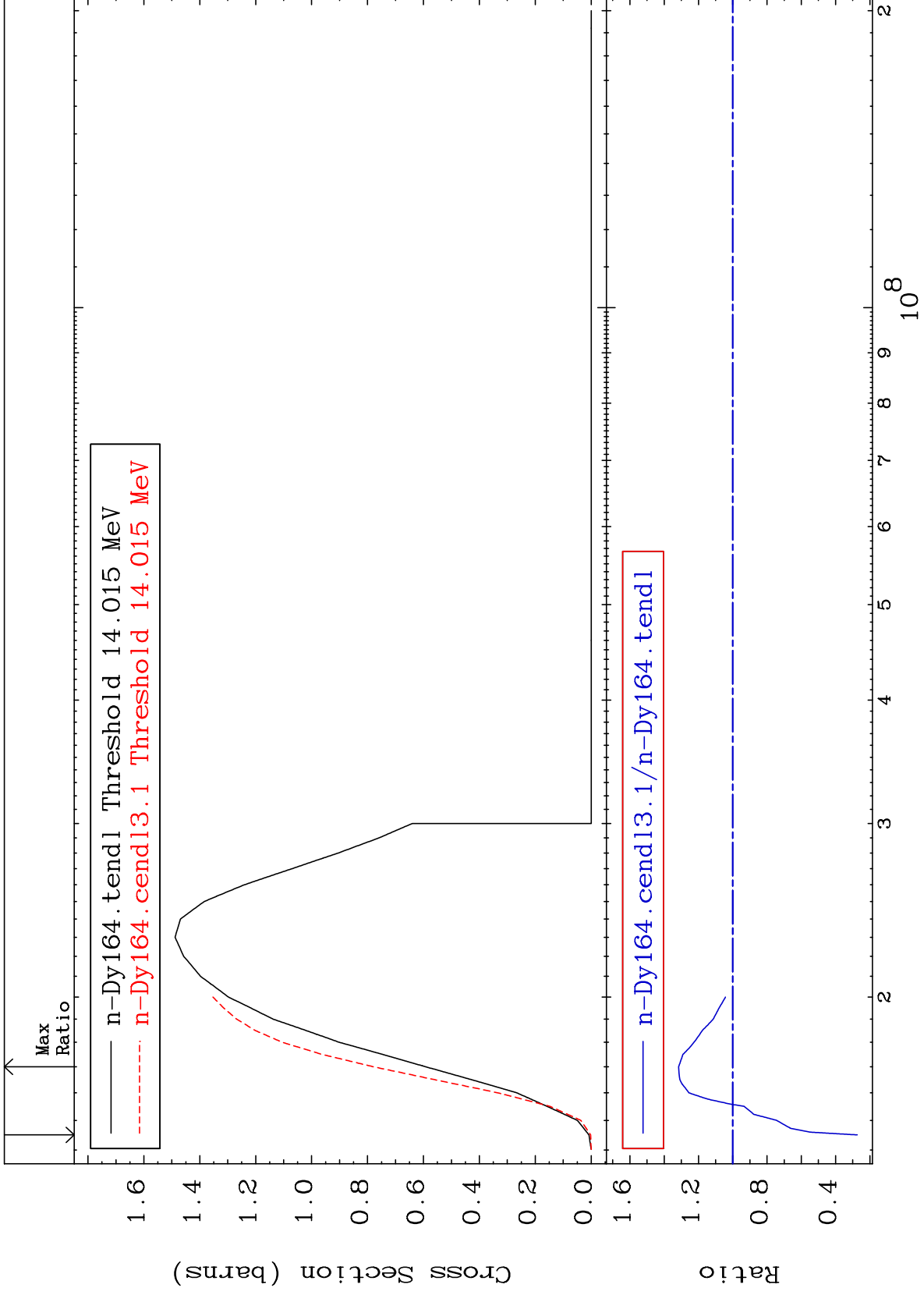
66-Dy-164  
-32.14 To 54.32 %



MAT 6649

(n,3n)  
Cross Section

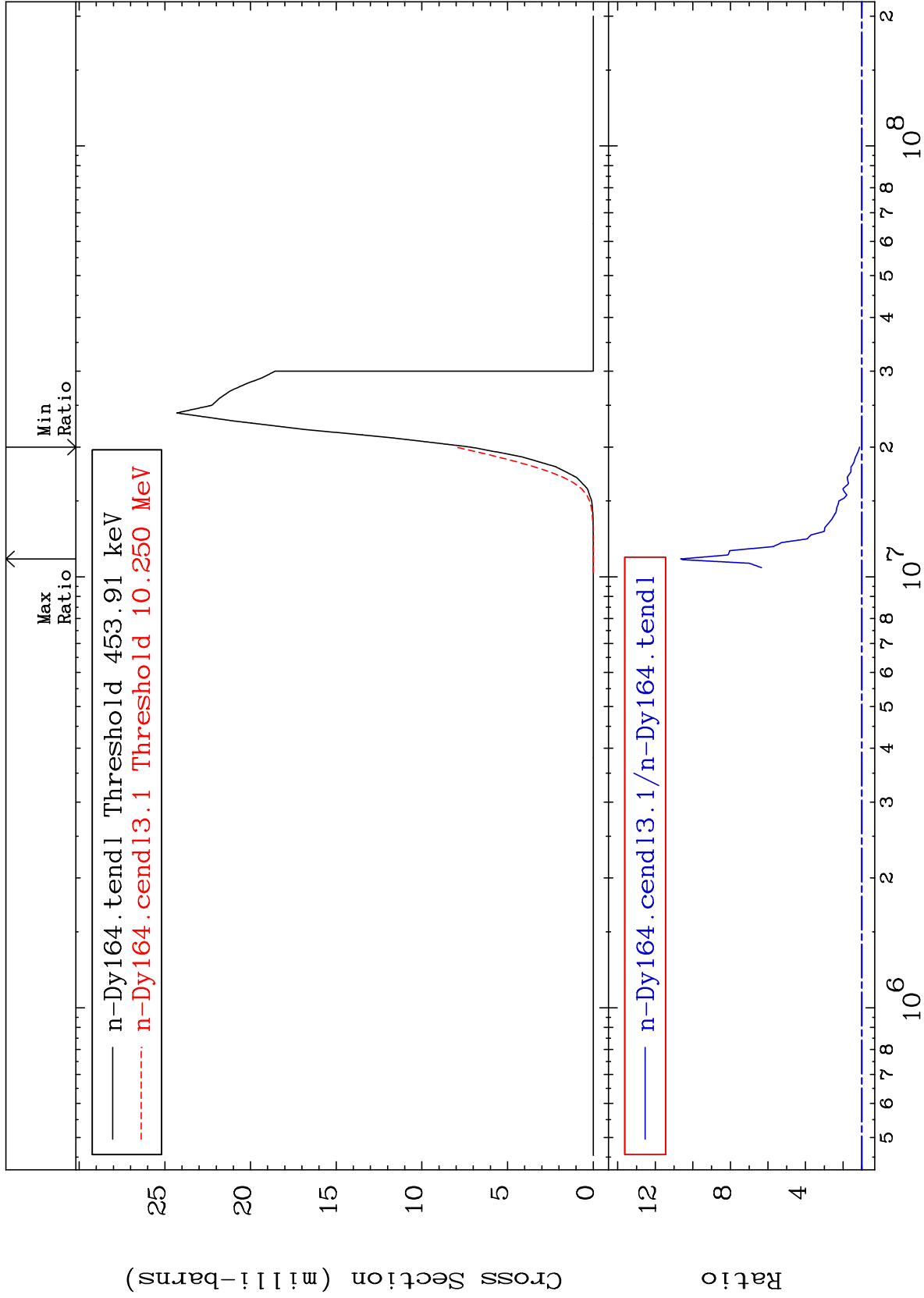
66-Dy-164  
-72.65 To 31.57 %



MAT 6649

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

66-Dy-164  
12.10 To 964.2 %



6

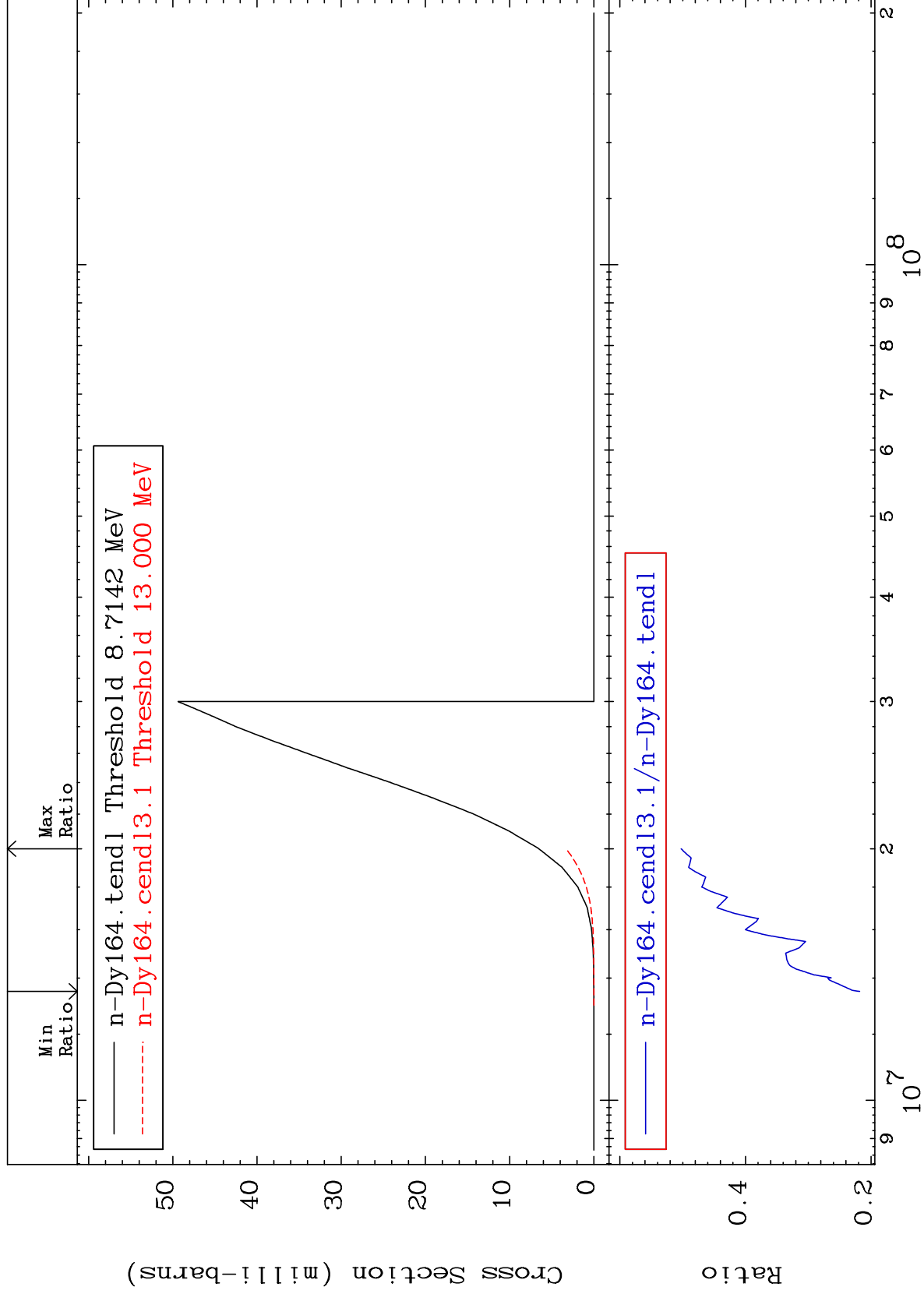
Incident Energy (eV)

66-Dy-164

MAT 6649

(n,n') p  
Cross Section

66-Dy-164  
-78.18 To -49.76%



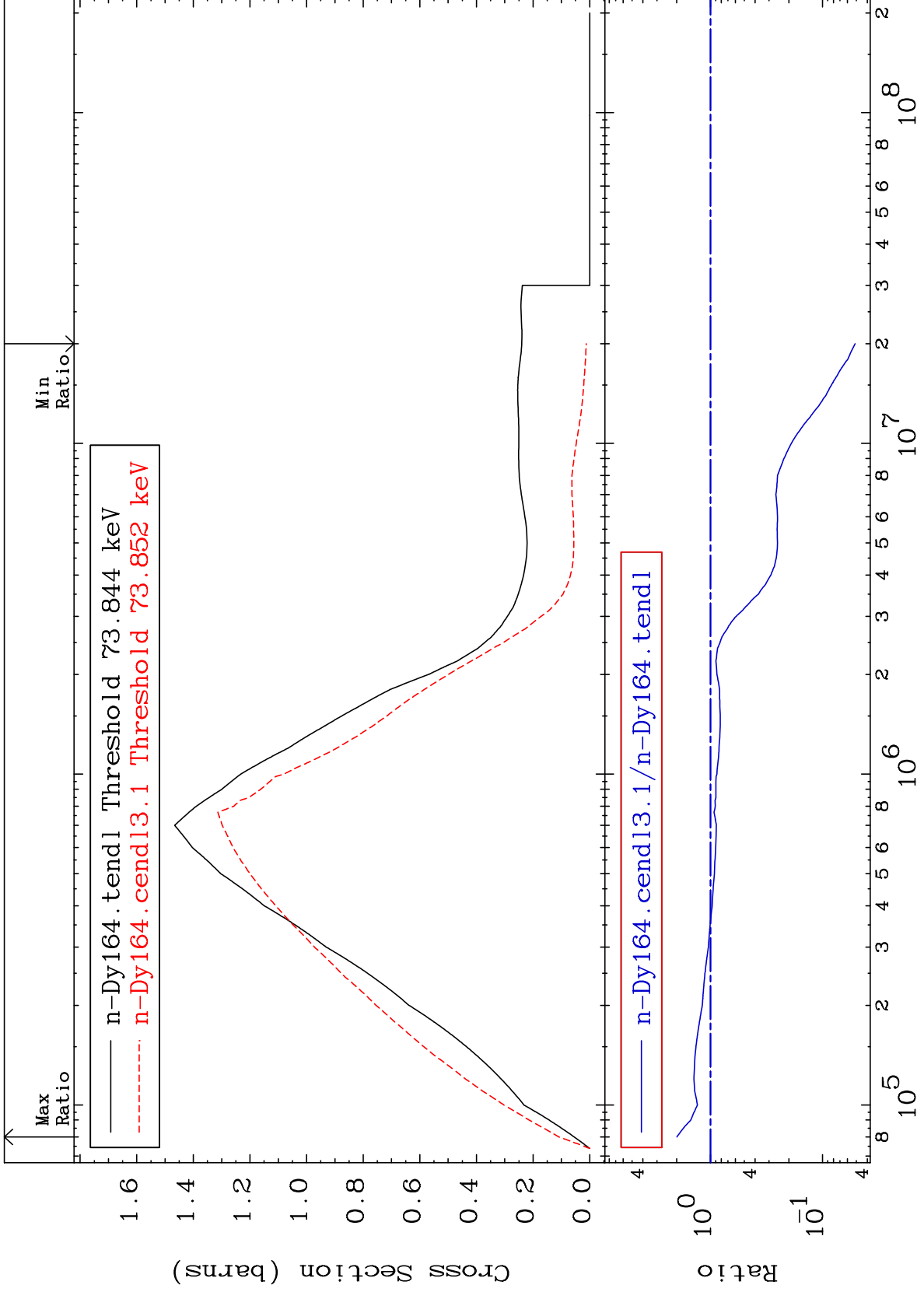
66-Dy-164

66-Dy-164

MAT 6649

MT= 51 (n,n') Level  
Cross Section

66-Dy-164  
-94.87 To 98.99 %



8

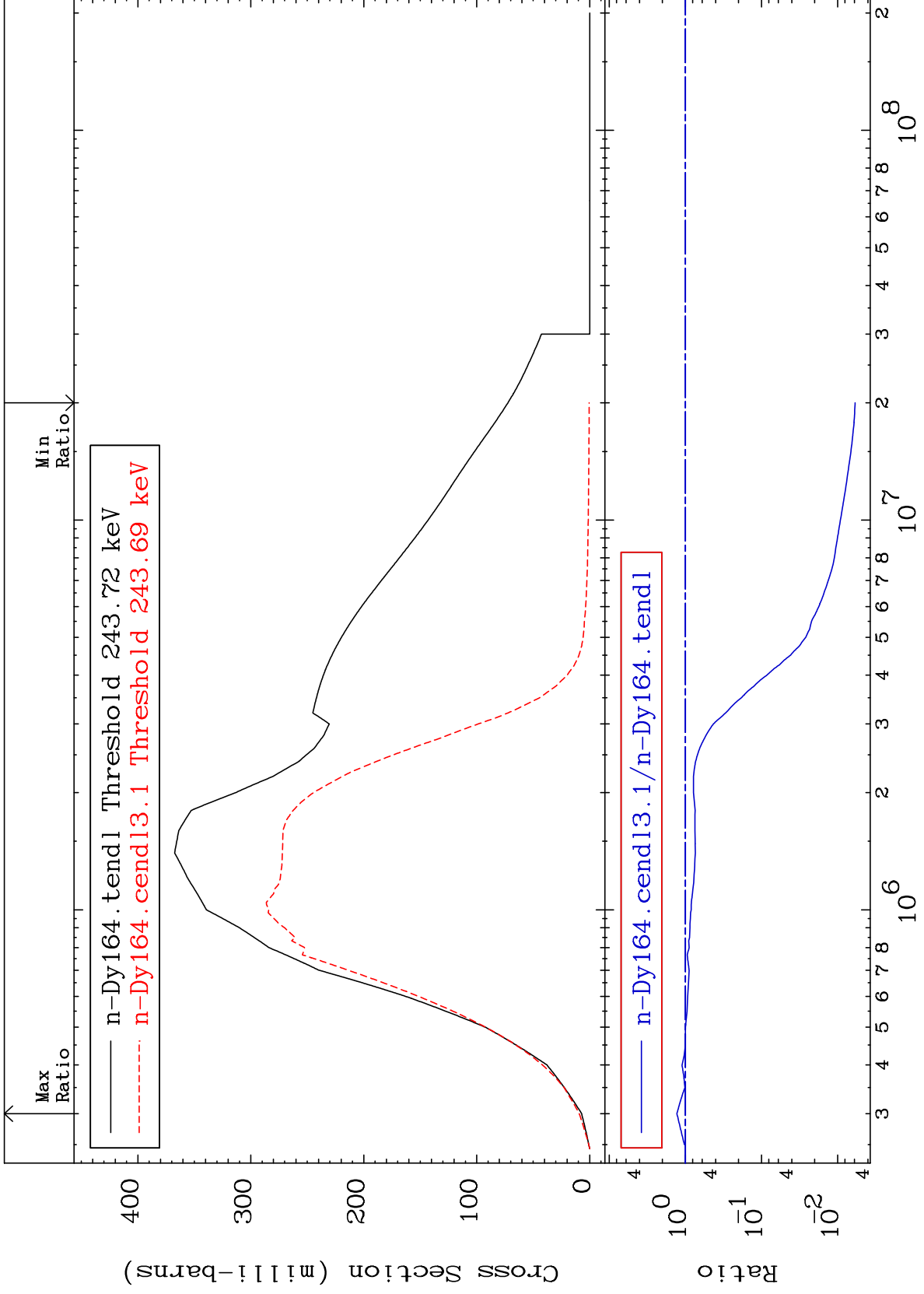
Incident Energy (eV)

66-Dy-164

MAT 6649

MT= 52 (n,n') Level  
Cross Section

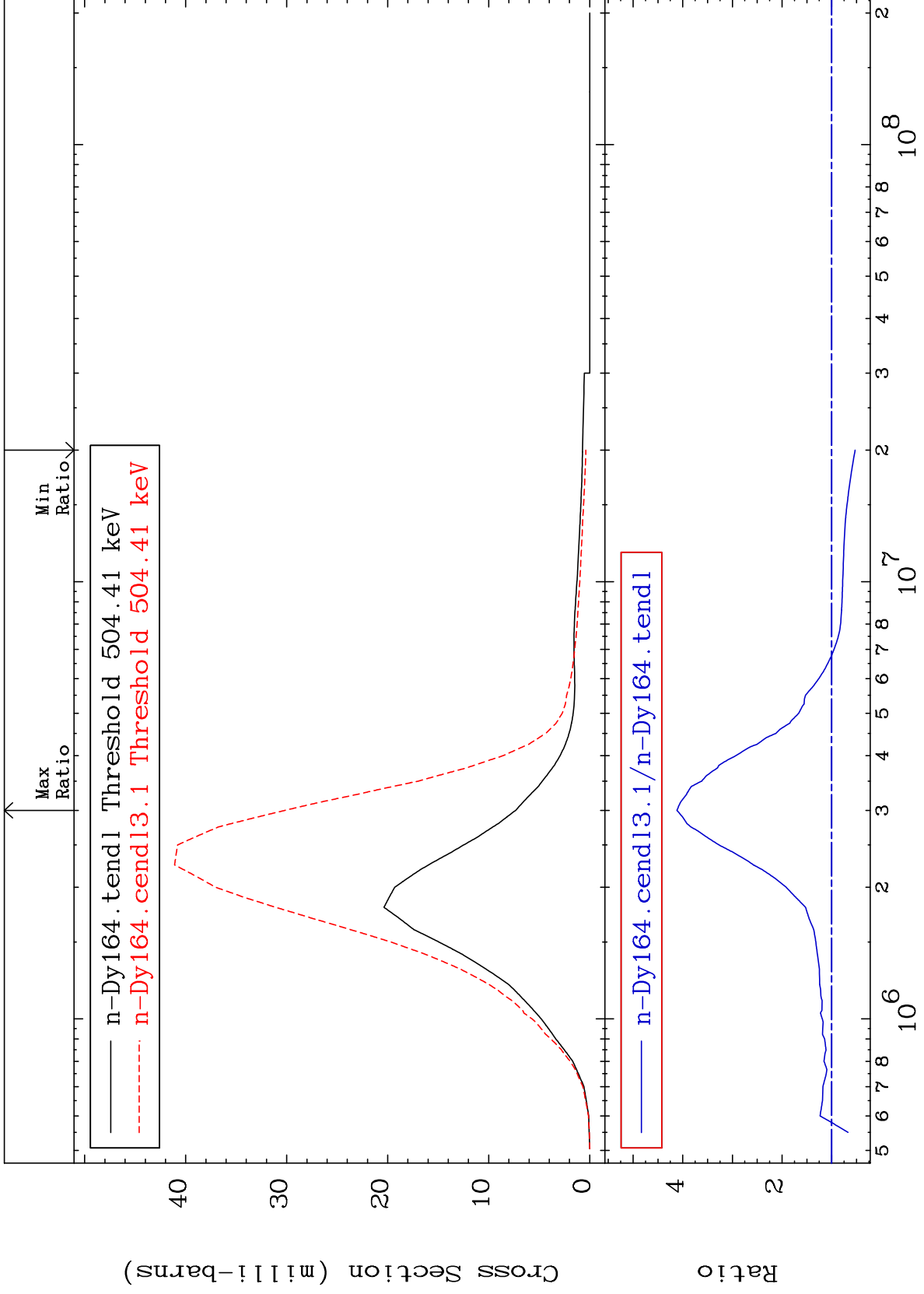
66-Dy-164  
-99.41 To 28.86 %



MAT 6649

MT= 53 (n,n') Level  
Cross Section

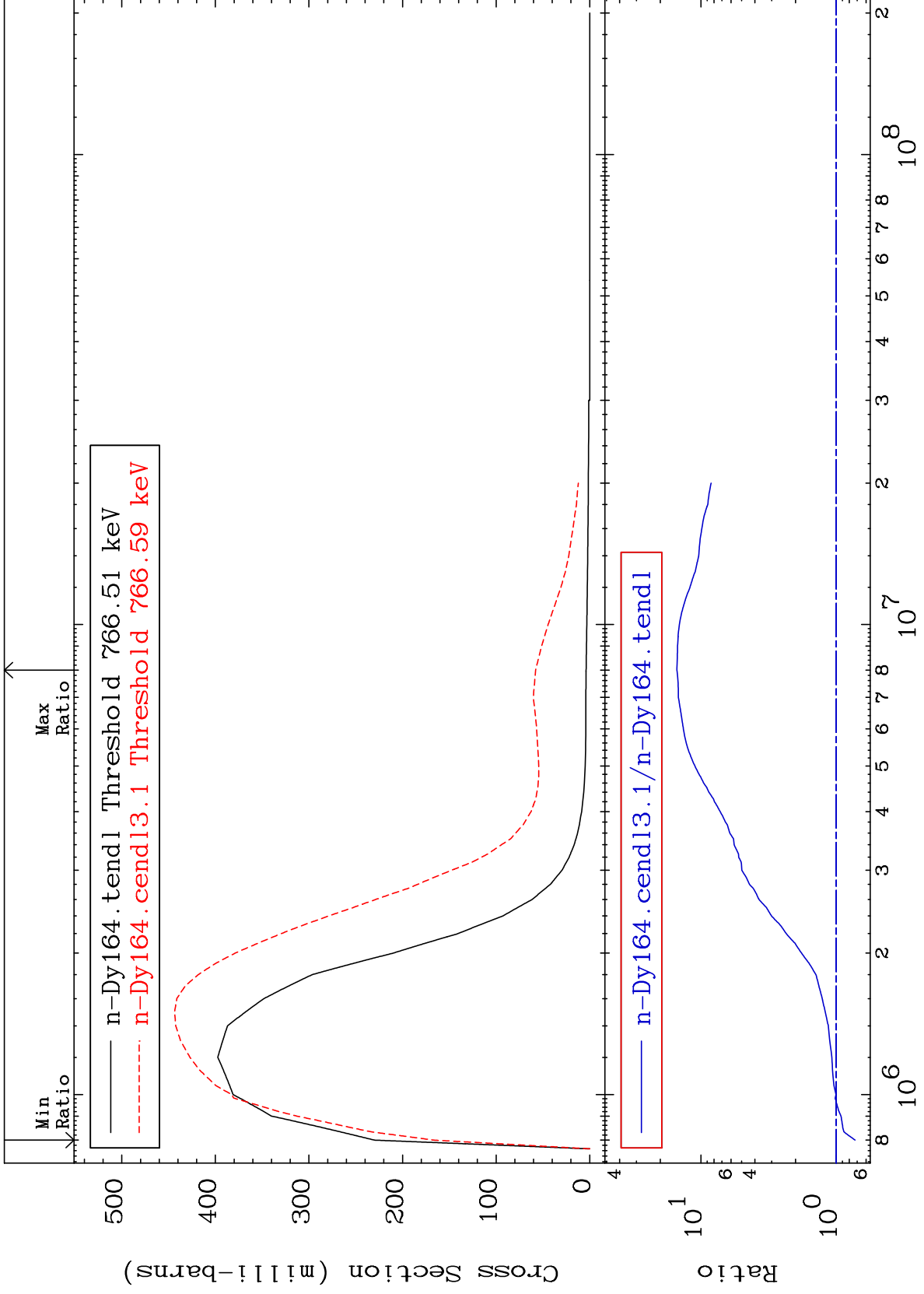
66-Dy-164  
-47.11 To 311.7 %



MAT 6649

MT= 54 (n,n') Level  
Cross Section

66-Dy-164  
-27.57 To 1407. %



11

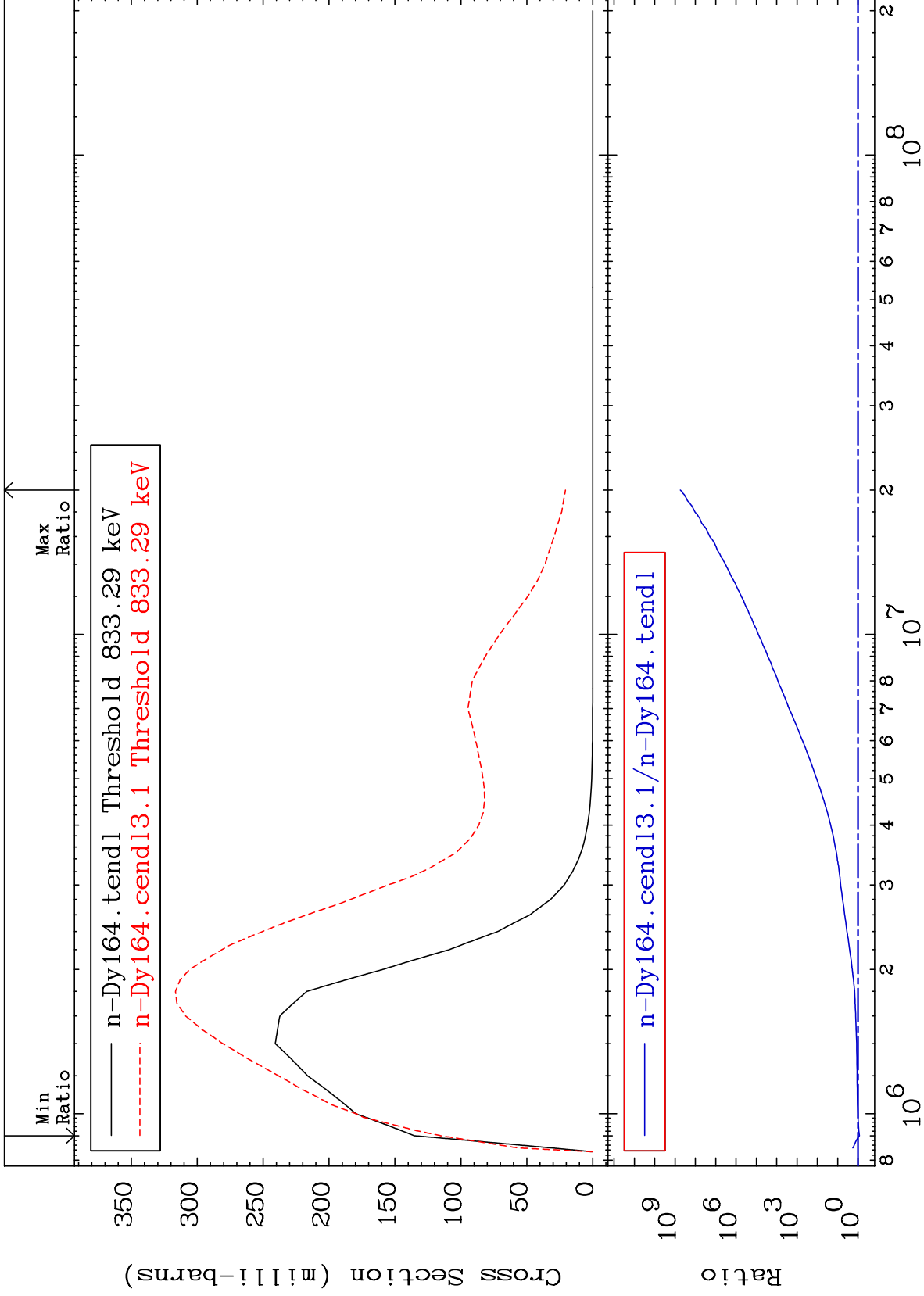
Incident Energy (eV)

66-Dy-164

MAT 6649

MT= 55 (n,n') Level  
Cross Section

66-Dy-164  
-14.78 To 9999. %



12

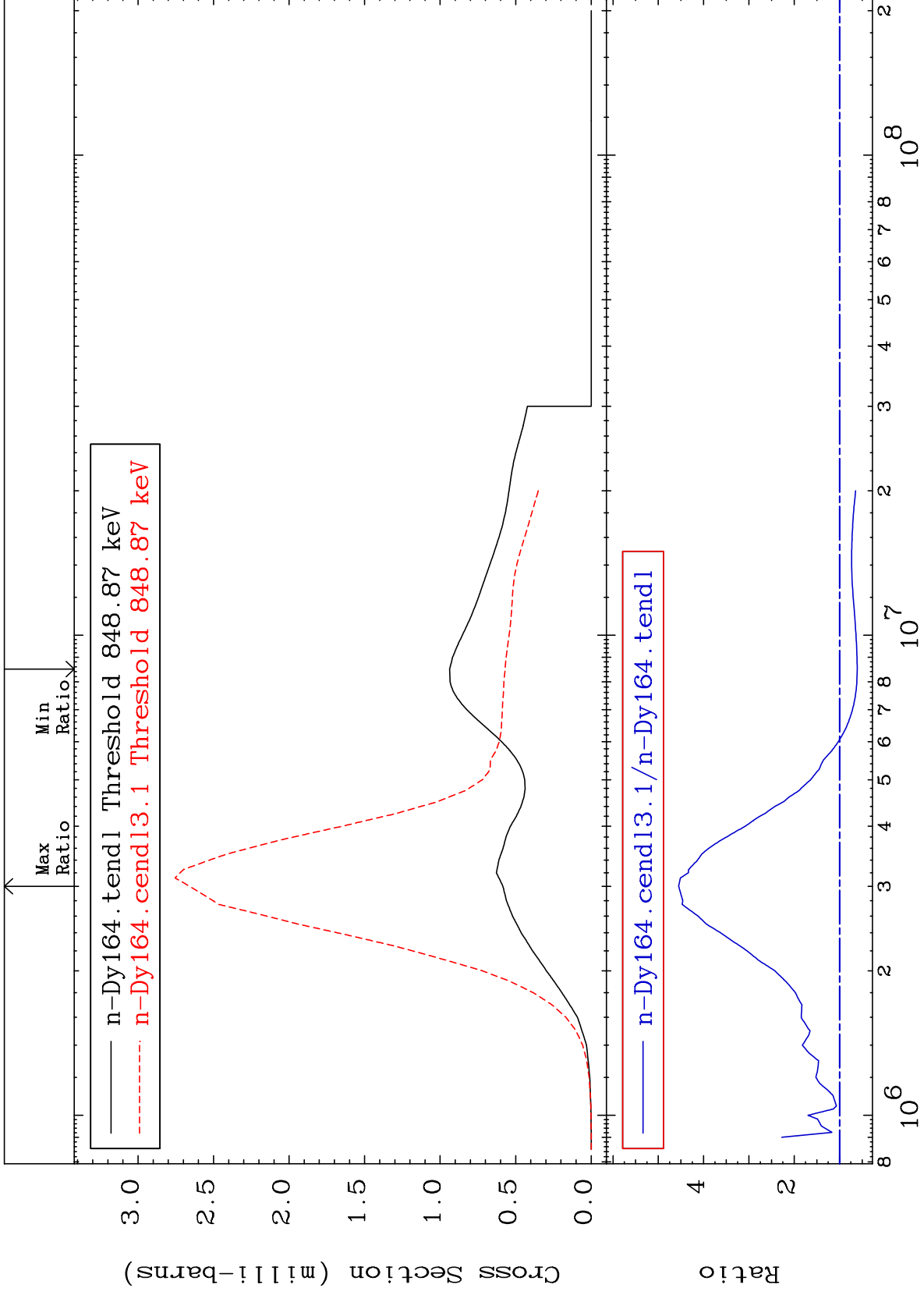
Incident Energy (eV)

66-Dy-164

MAT 6649

MT= 56 (n,n') Level  
Cross Section

66-Dy-164  
-39.11 To 355.1 %



13

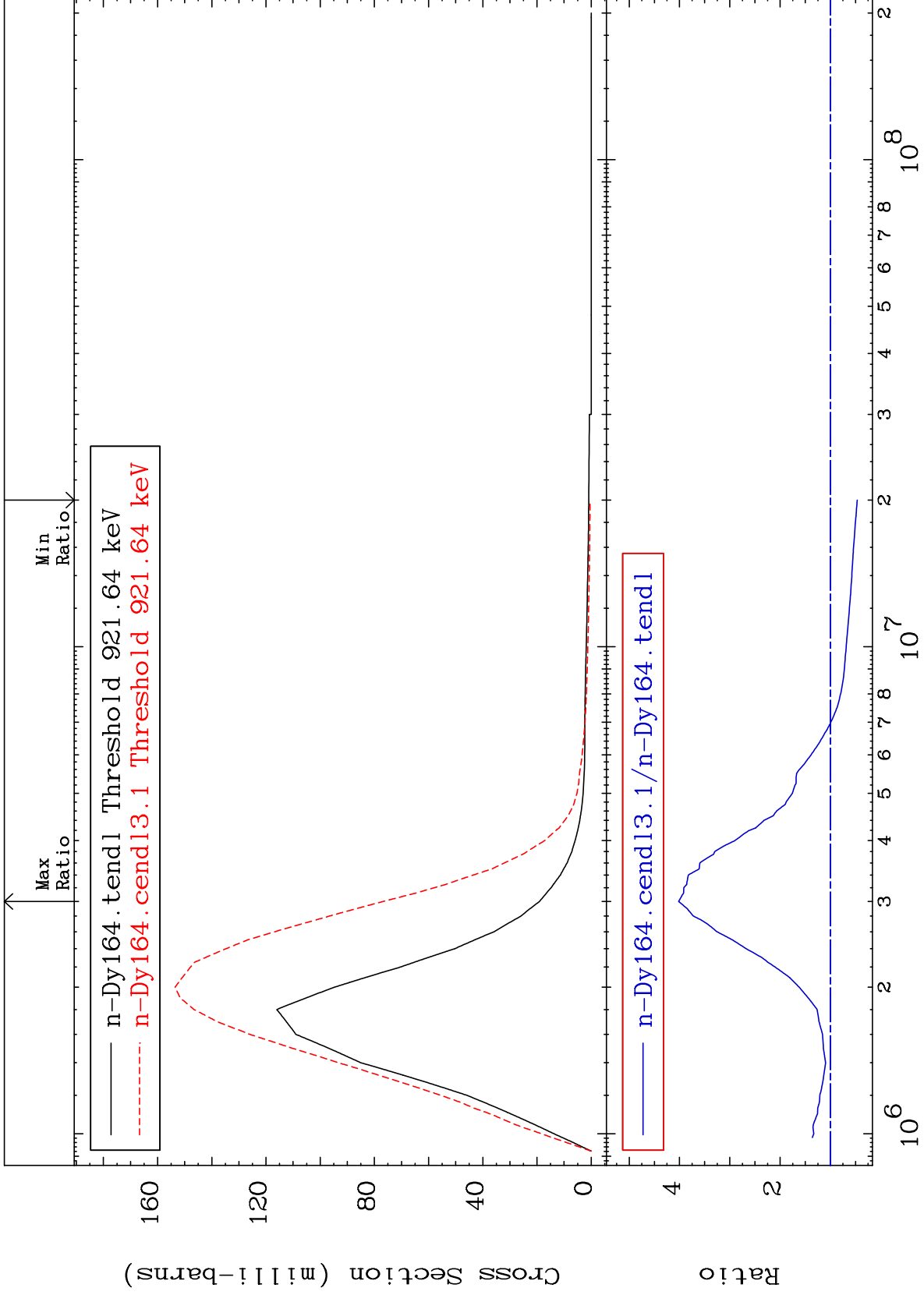
Incident Energy (eV)

66-Dy-164

MAT 6649

MT= 57 (n, n') Level  
Cross Section

66-Dy-164  
-53.36 To 301.8 %



14

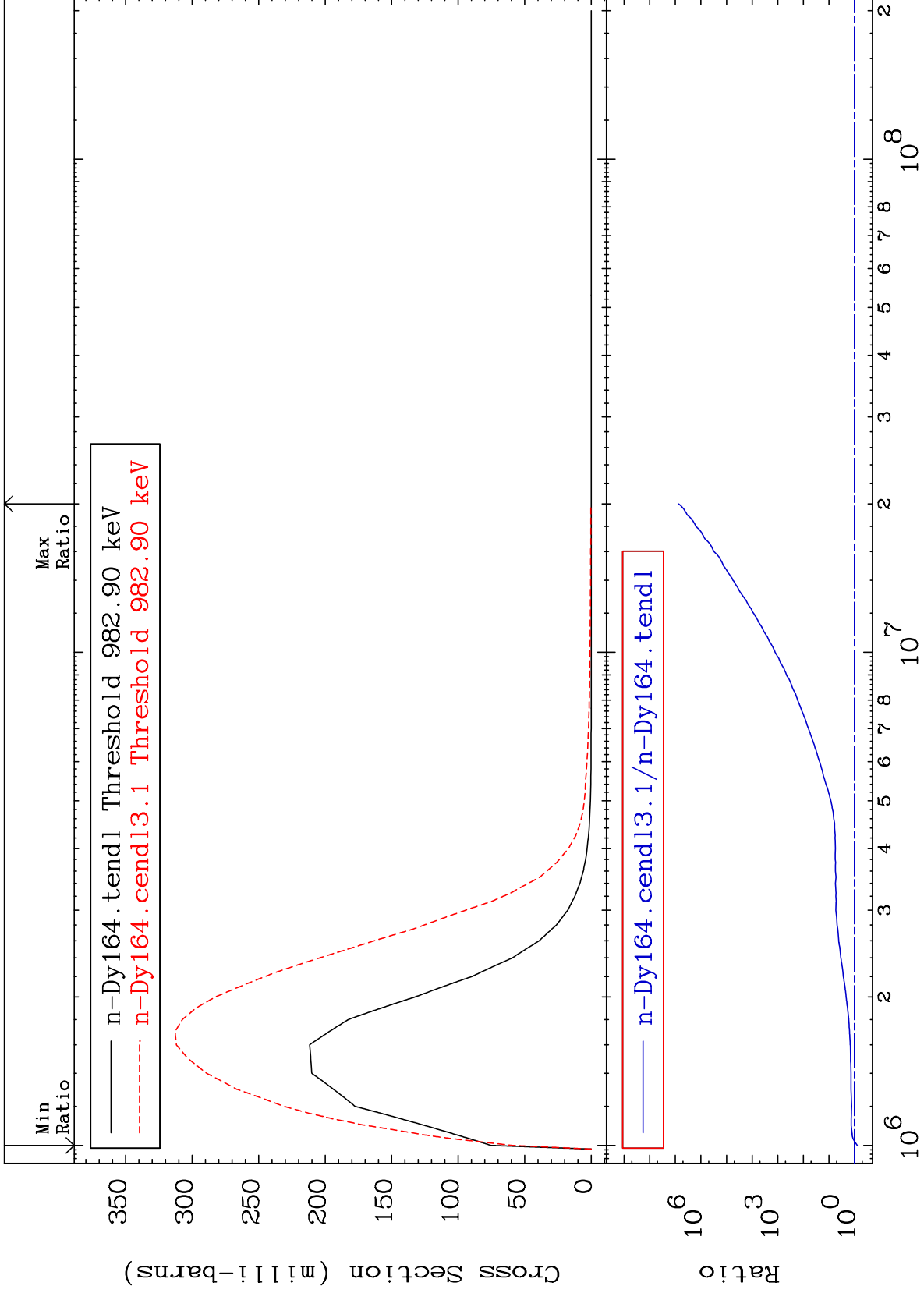
Incident Energy (eV)

66-Dy-164

MAT 6649

MT= 58 (n,n') Level  
Cross Section

66-Dy-164  
-21.31 To 9999. %



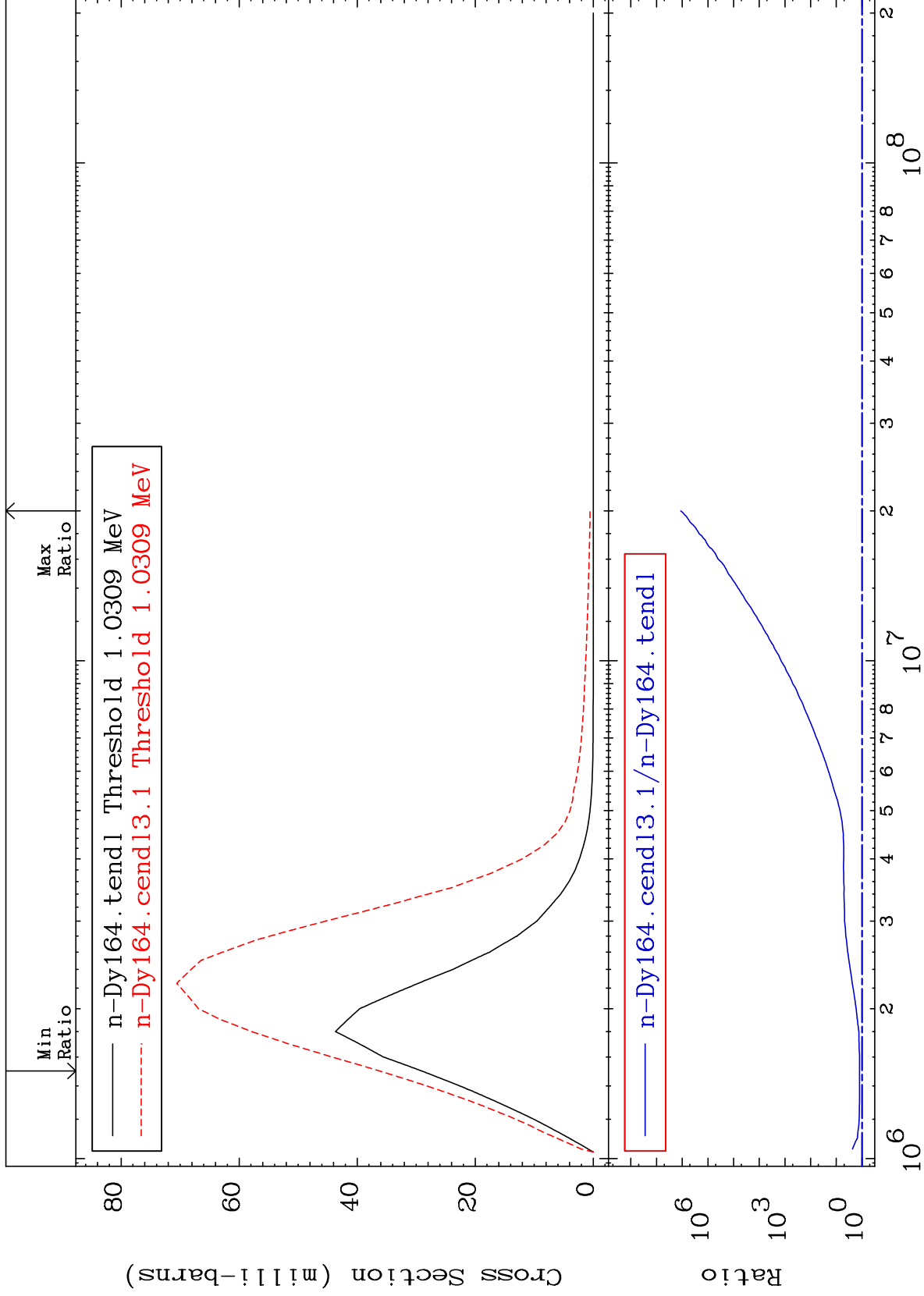
Incident Energy (eV)

66-Dy-164

MAT 6649

MT= 59 (n,n') Level  
Cross Section

66-Dy-164  
24.52 To 9999. %



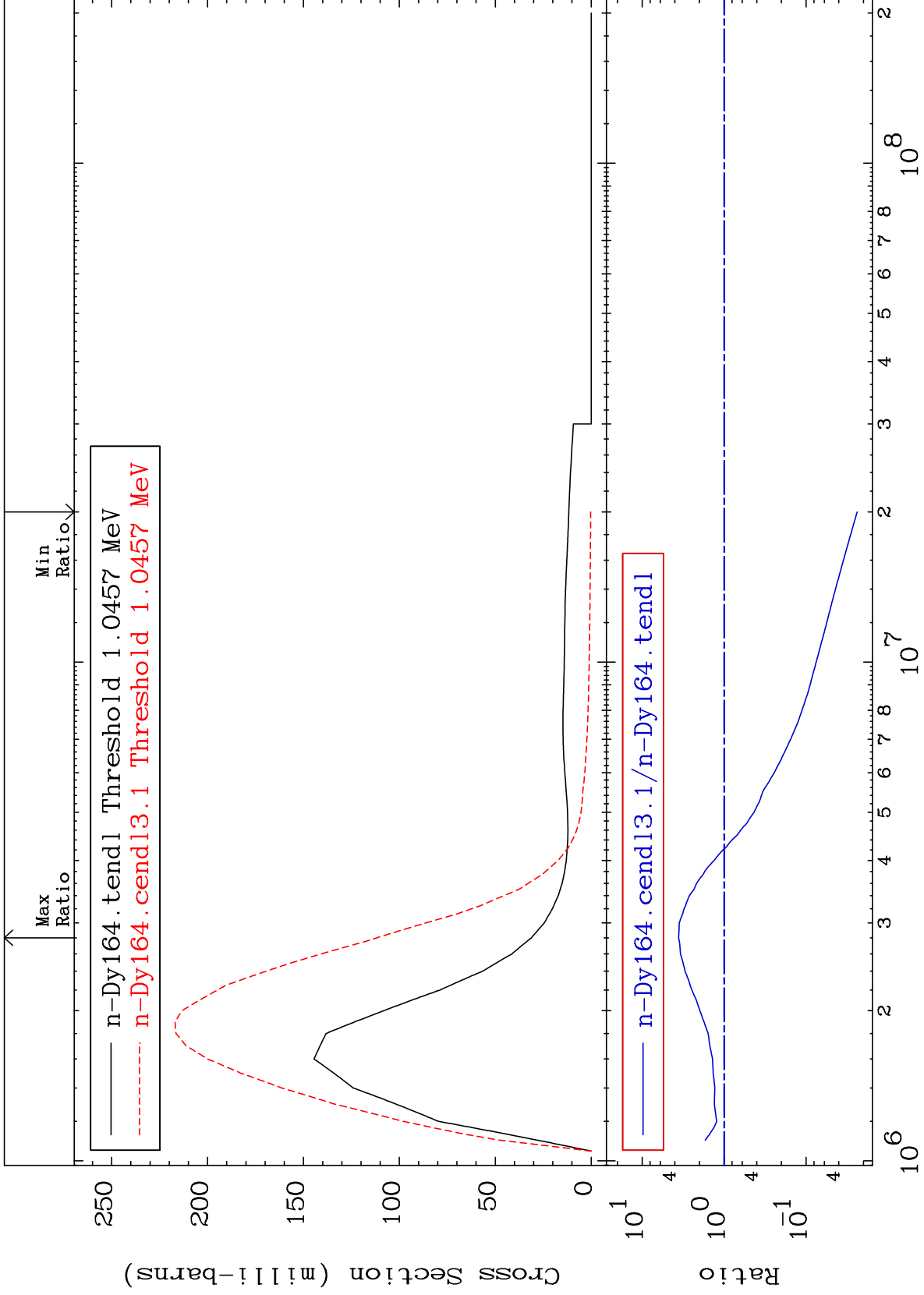
16

66-Dy-164

MAT 6649

MT= 60 (n,n') Level  
Cross Section

66-Dy-164  
-97.62 To 258.7 %



17

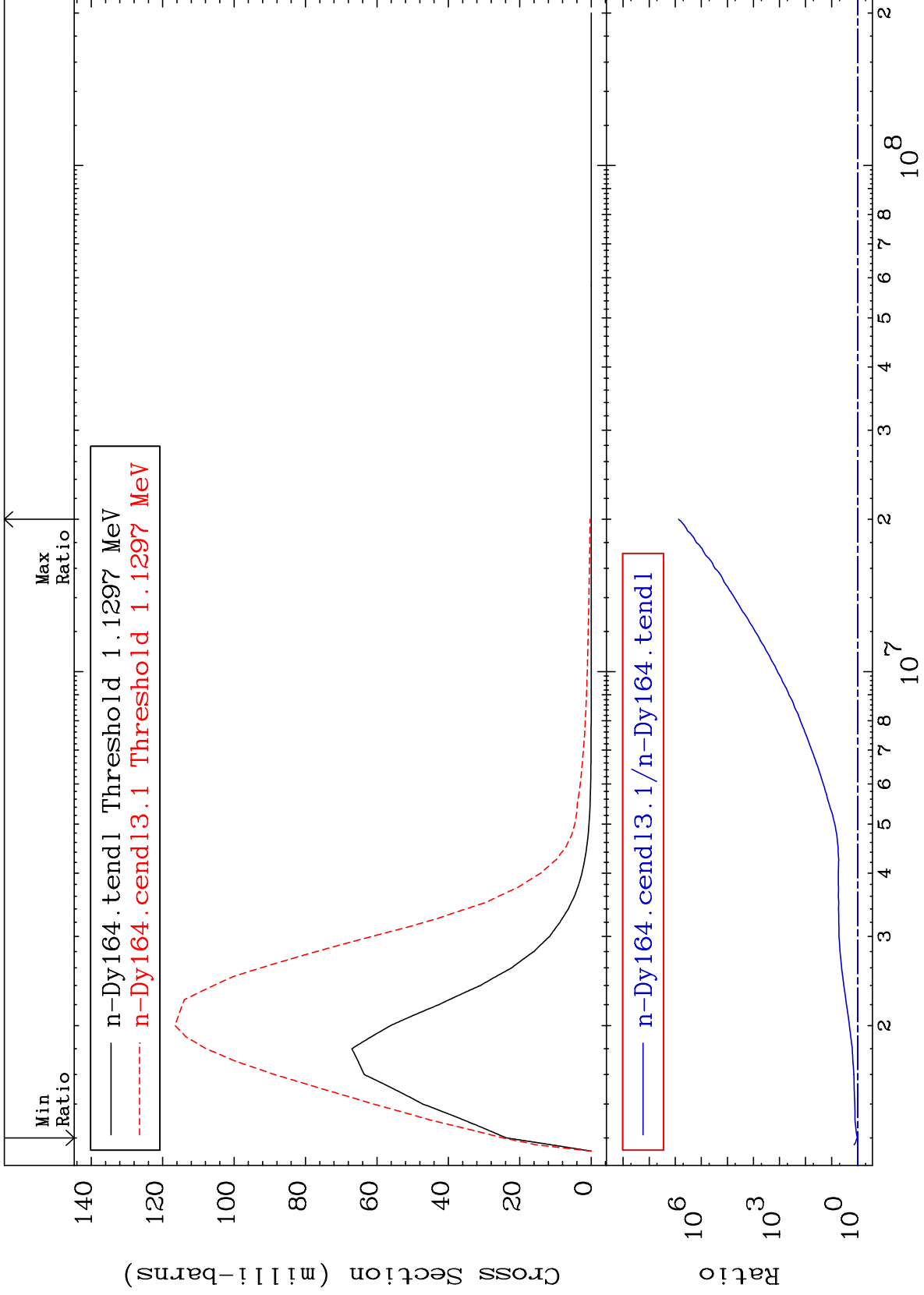
Incident Energy (eV)

66-Dy-164

MAT 6649

MT= 61 (n,n') Level  
Cross Section

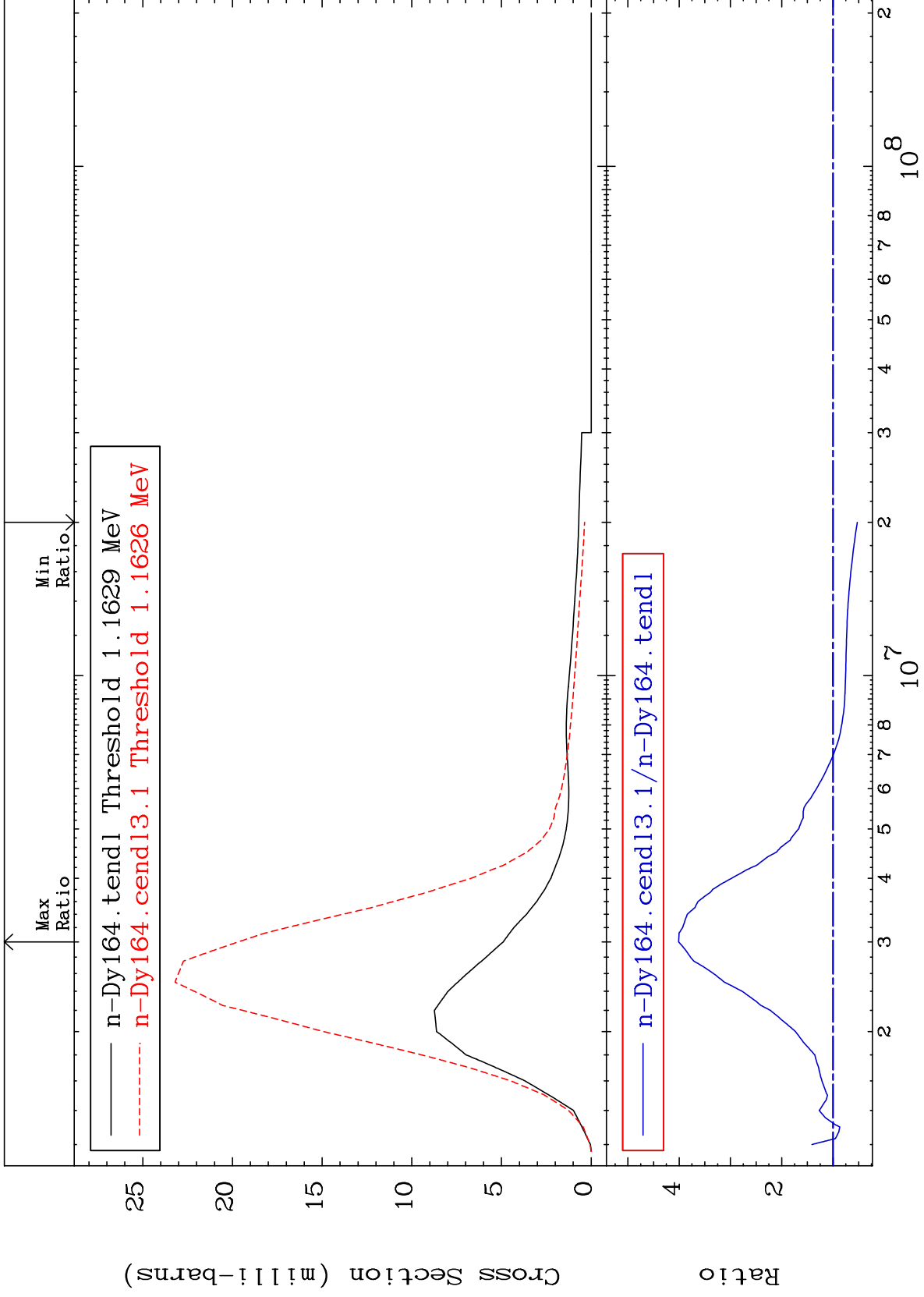
66-Dy-164  
3.891 To 9999. %

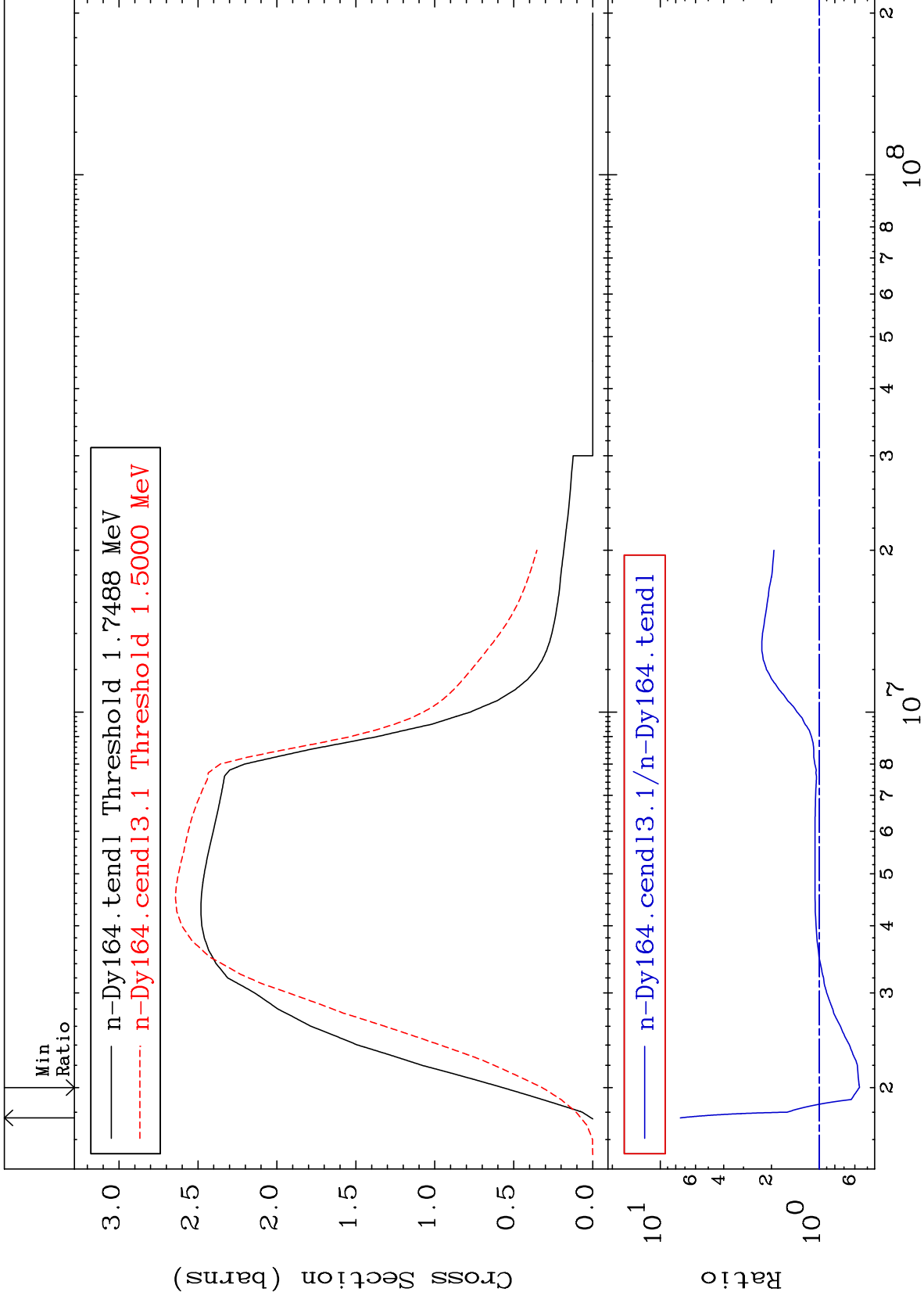


MAT 6649

MT= 62 (n, n') Level  
Cross Section

66-Dy-164  
-47.25 To 301.1 %



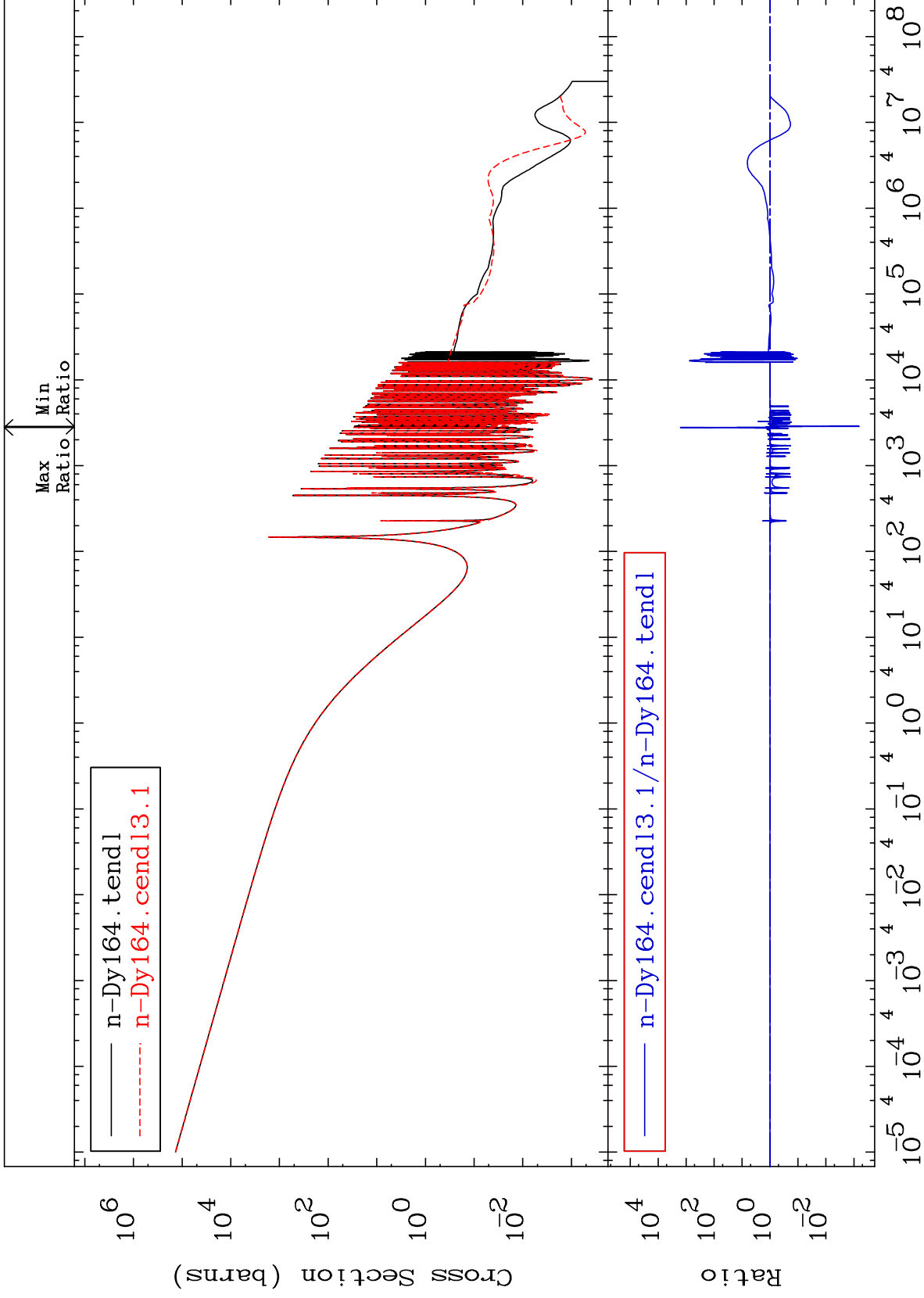


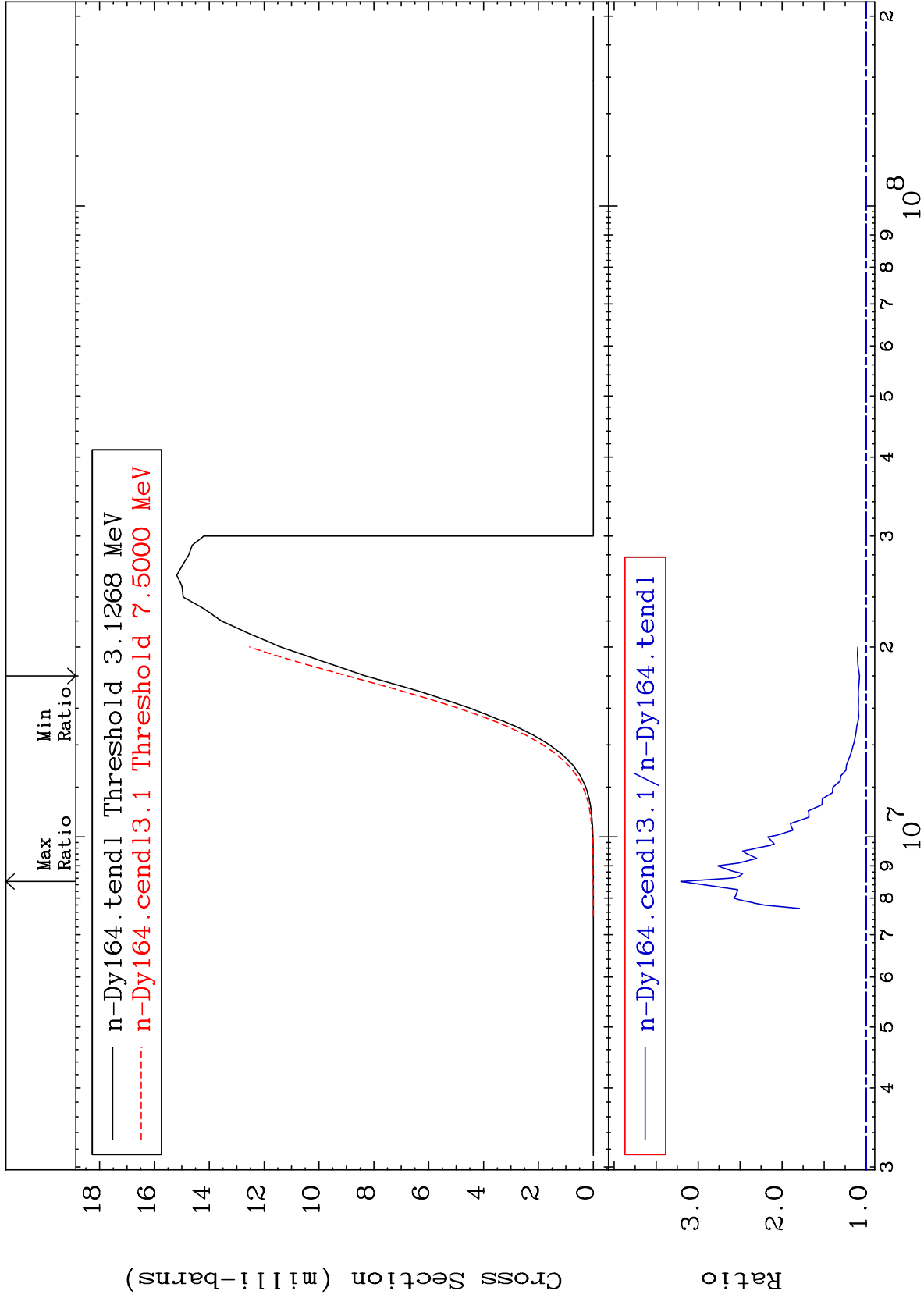
MAT 6649

(n,  $\gamma$ )

66-Dy-164  
-99.94 To 9999. %

Cross Section





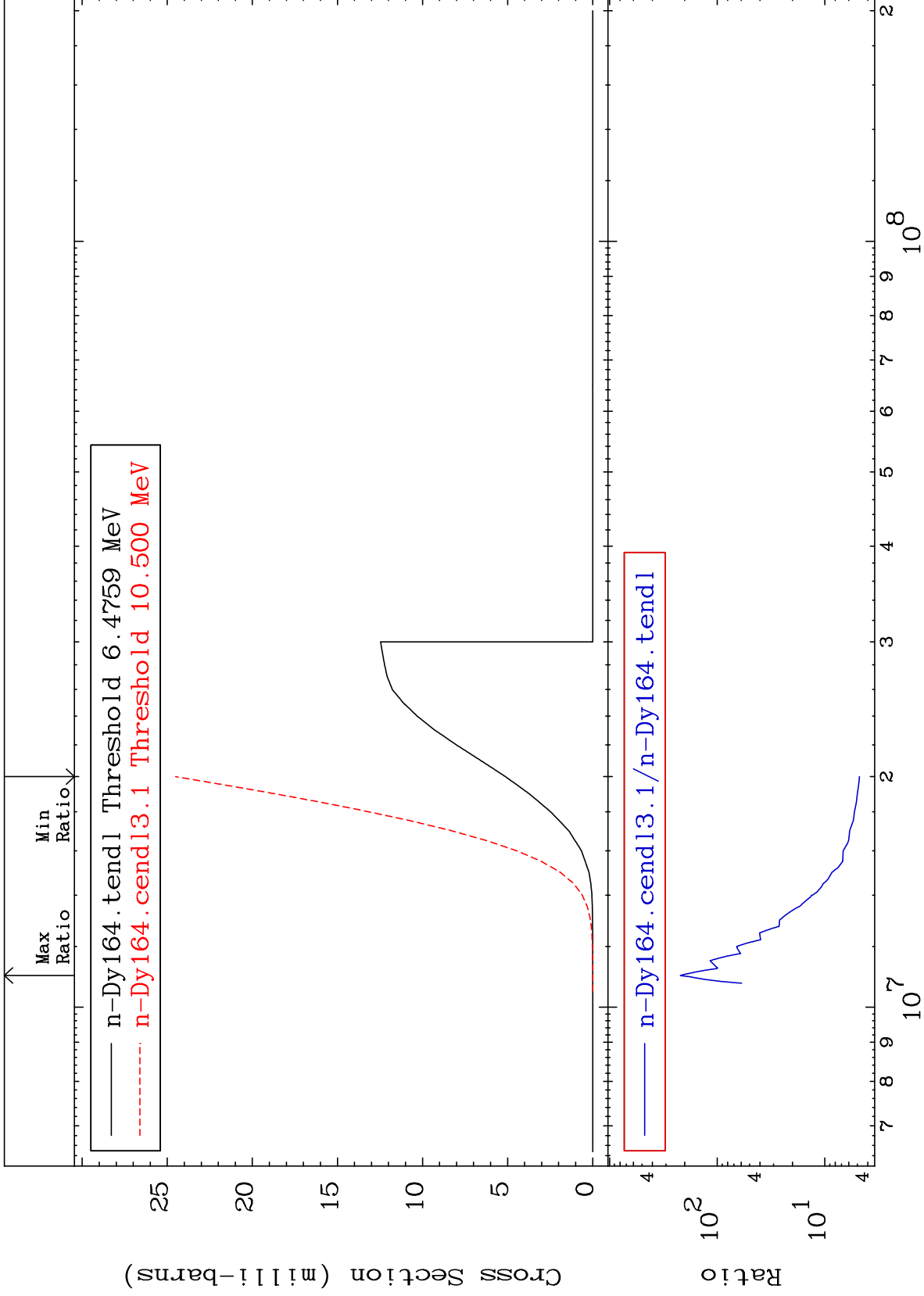
MAT 6649

(n, d)

66-Dy-164

Cross Section

377.8 To 9999. %



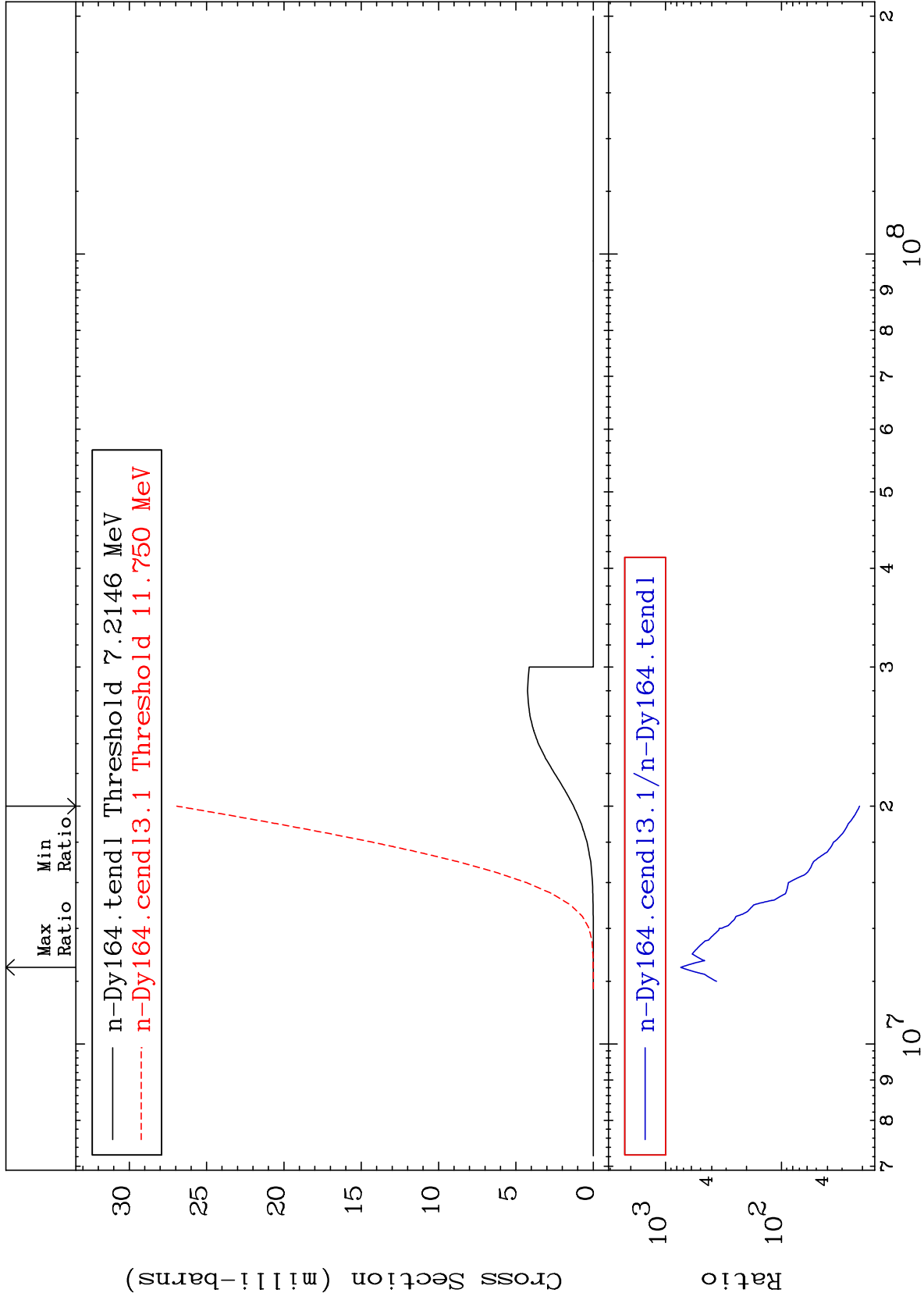
MAT 6649

(n, t)

66-Dy-164

Cross Section

2019. To 9999. %



24

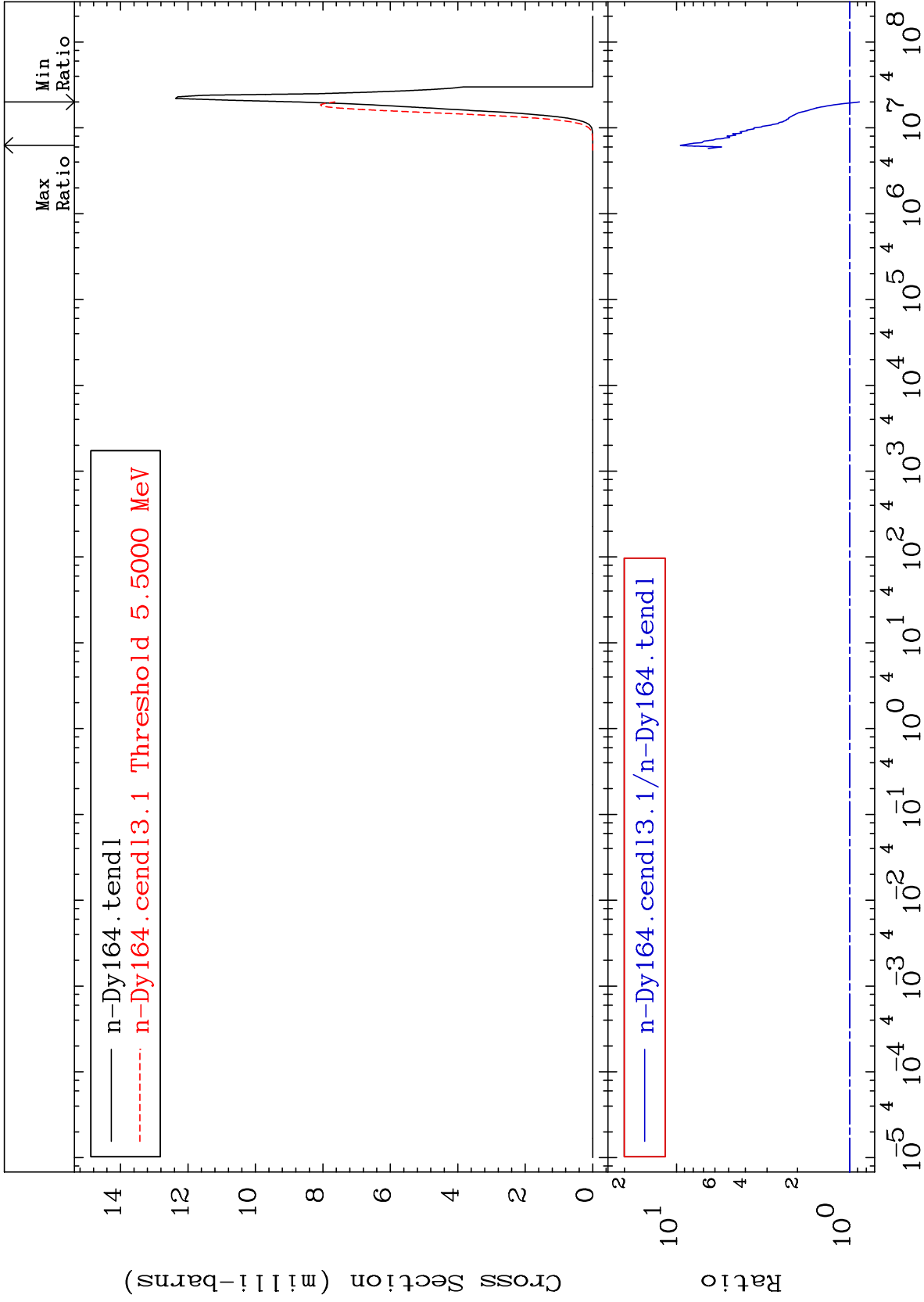
66-Dy-164

66-Dy-164

MAT 6649

(n,  $\alpha$ )  
Cross Section

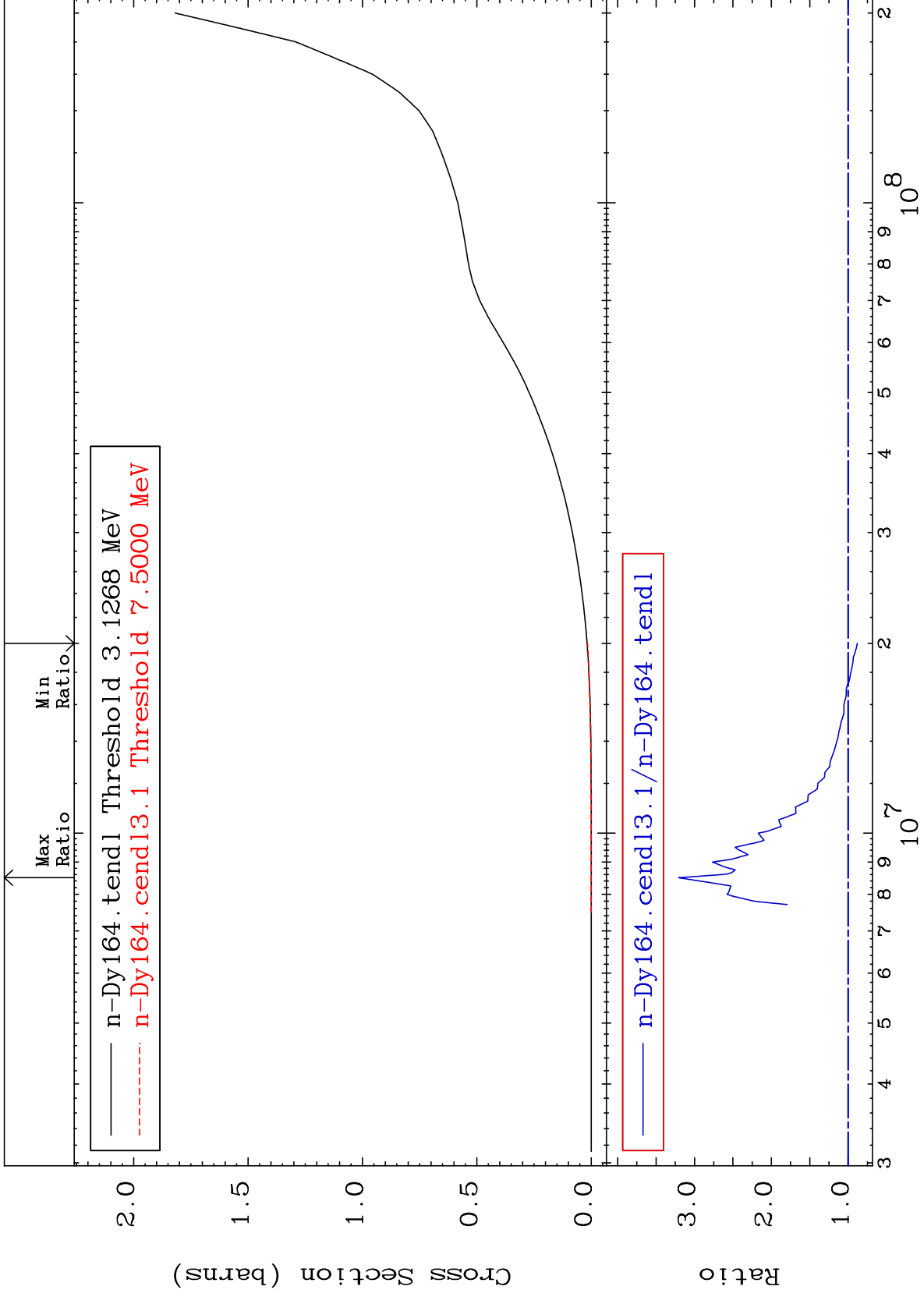
66-Dy-164  
-12.23 To 850.7 %



25

Incident Energy (eV)

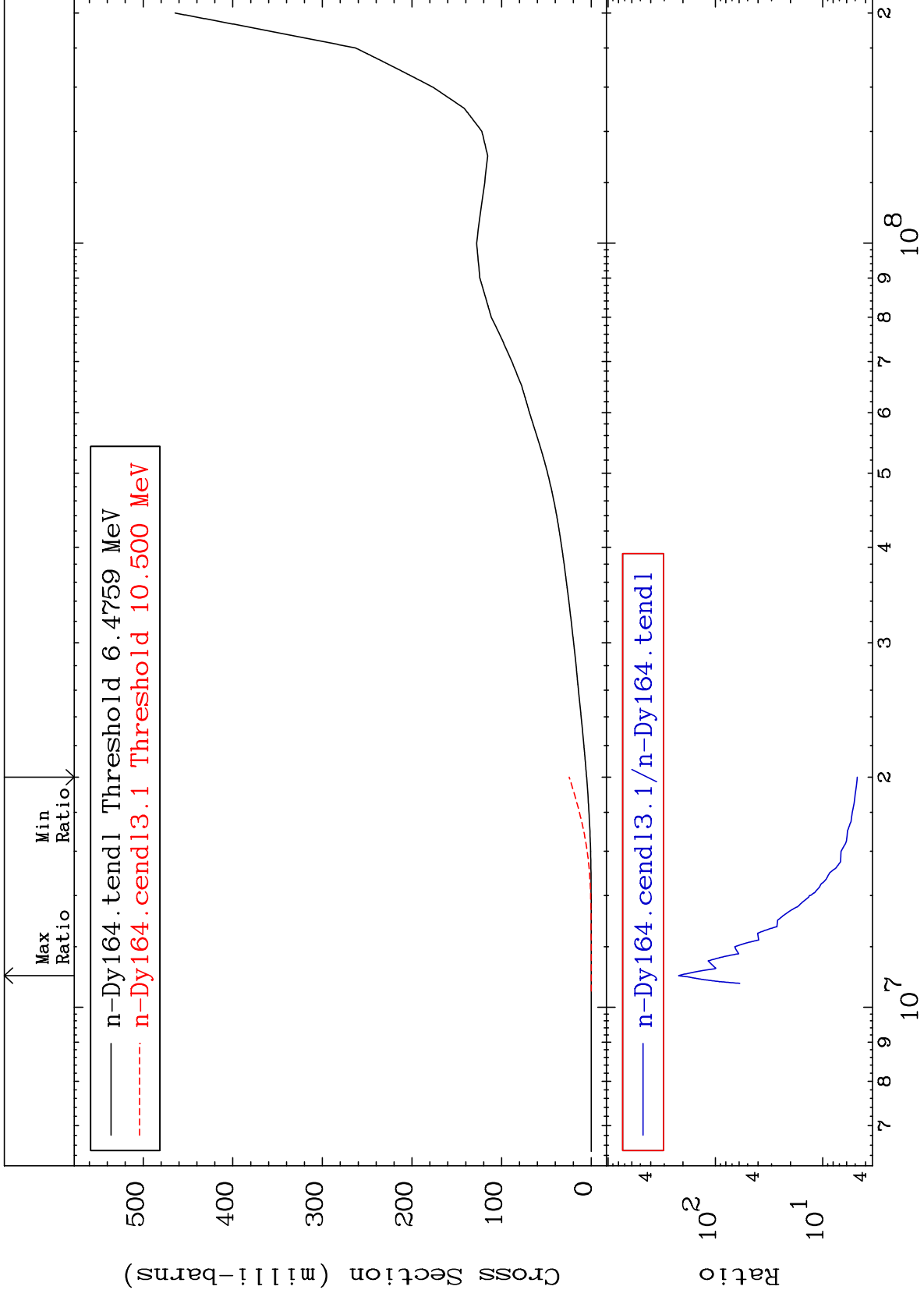
66-Dy-164

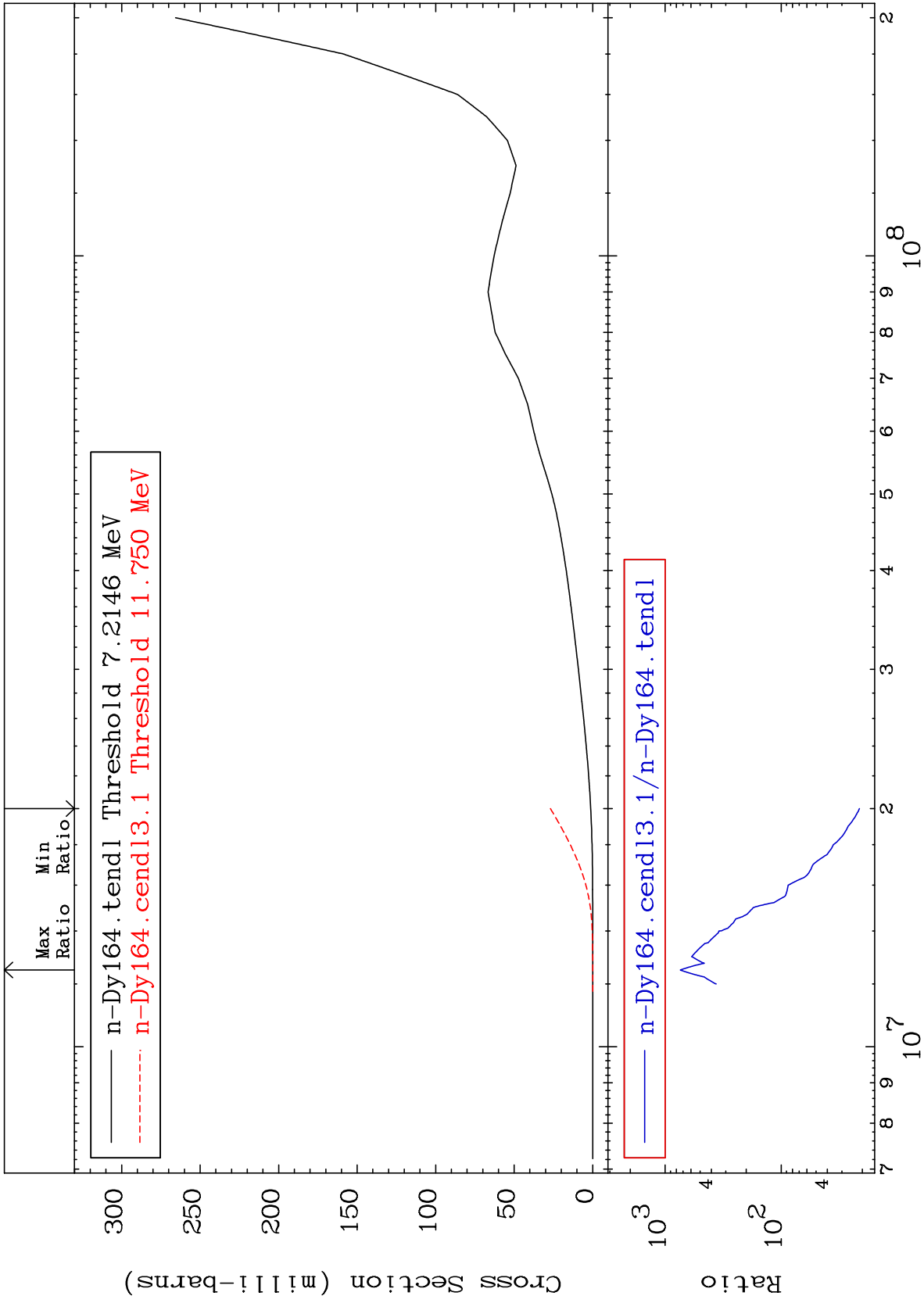


MAT 6649

Deuterium Production  
Cross Section

66-Dy-164  
377.4 To 9999. %

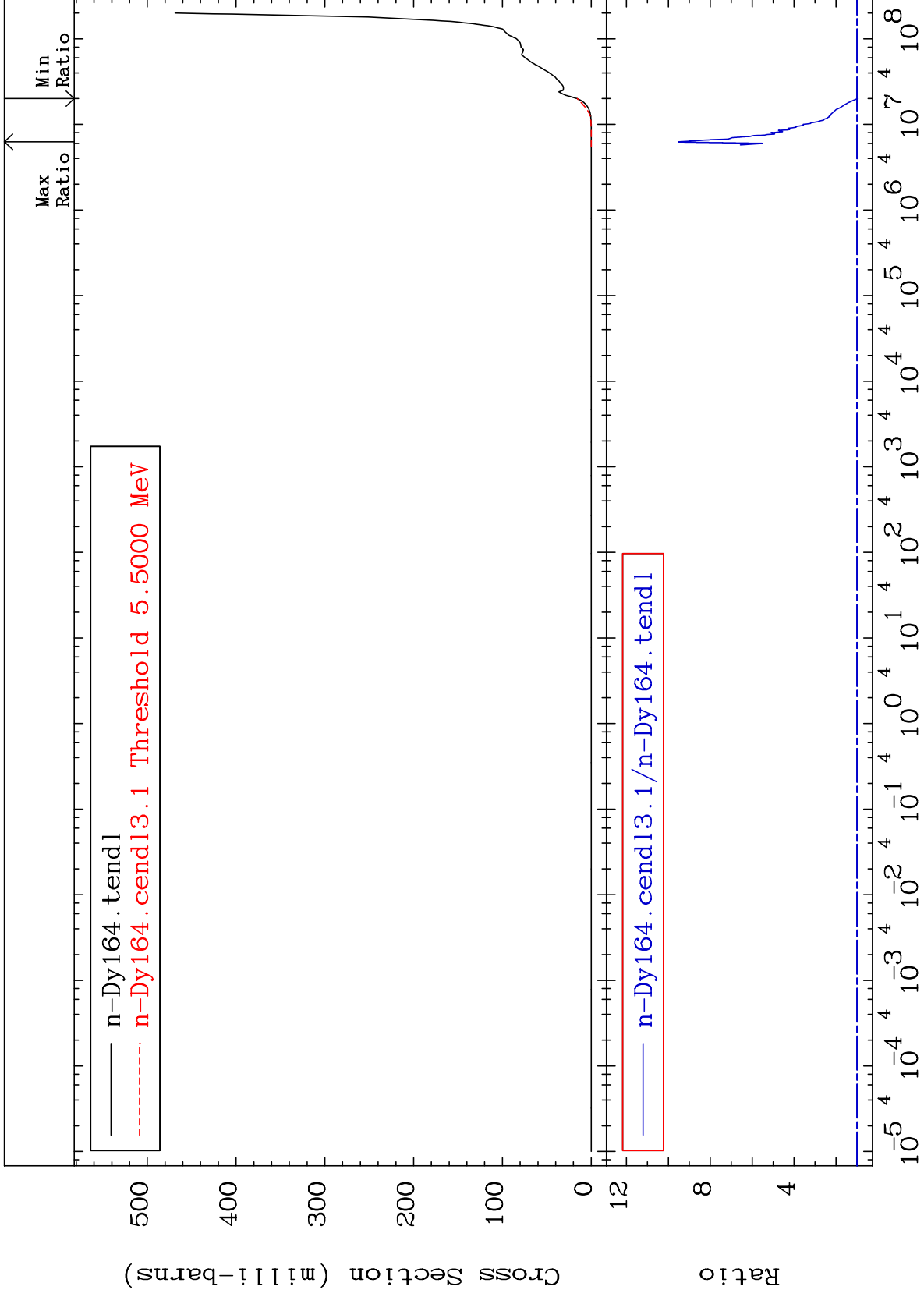




MAT 6649

He-4 Production  
Cross Section

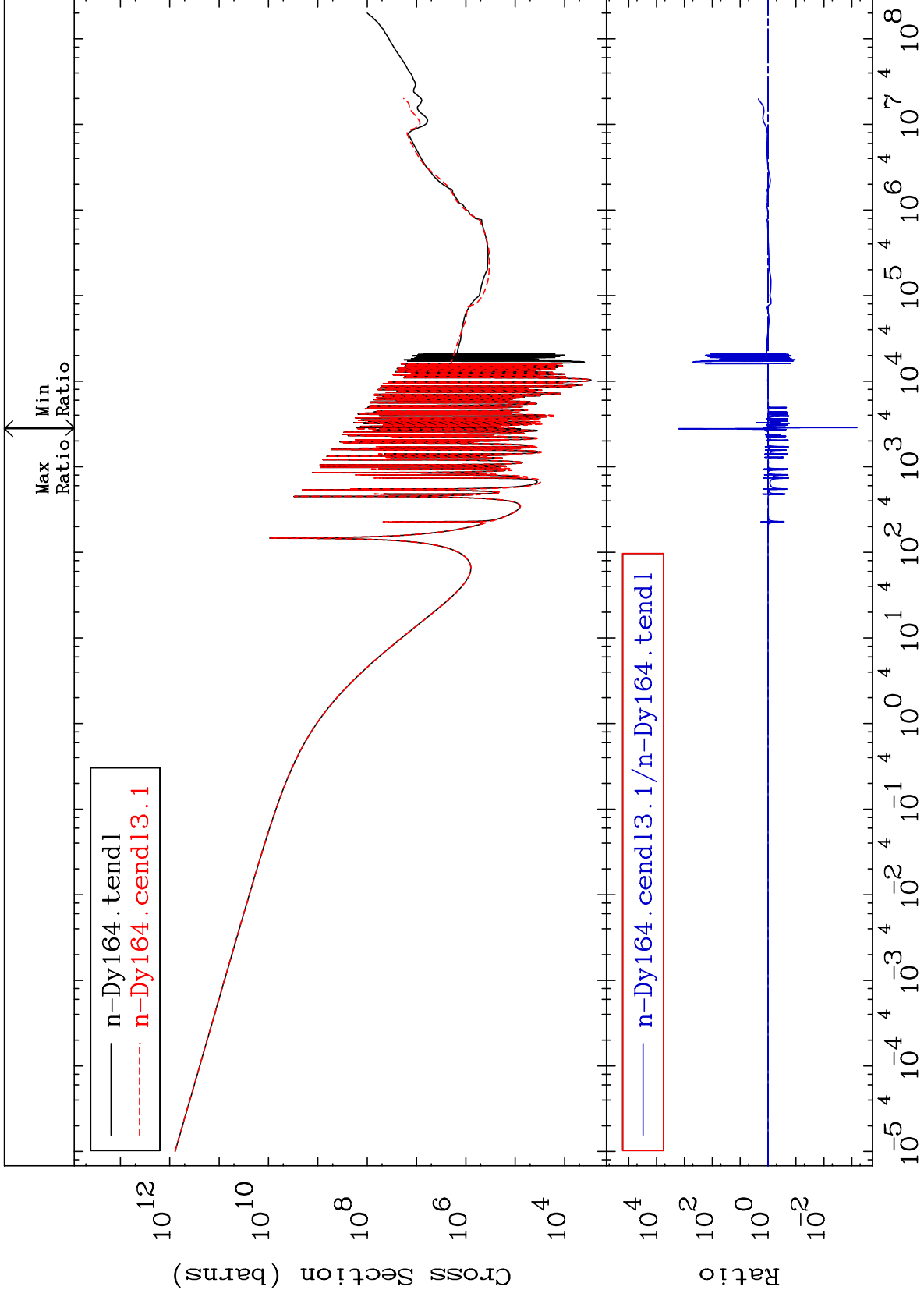
66-Dy-164  
-1.270 To 850.7 %



MAT 6649

Kerma total (eV-barns)  
Cross Section

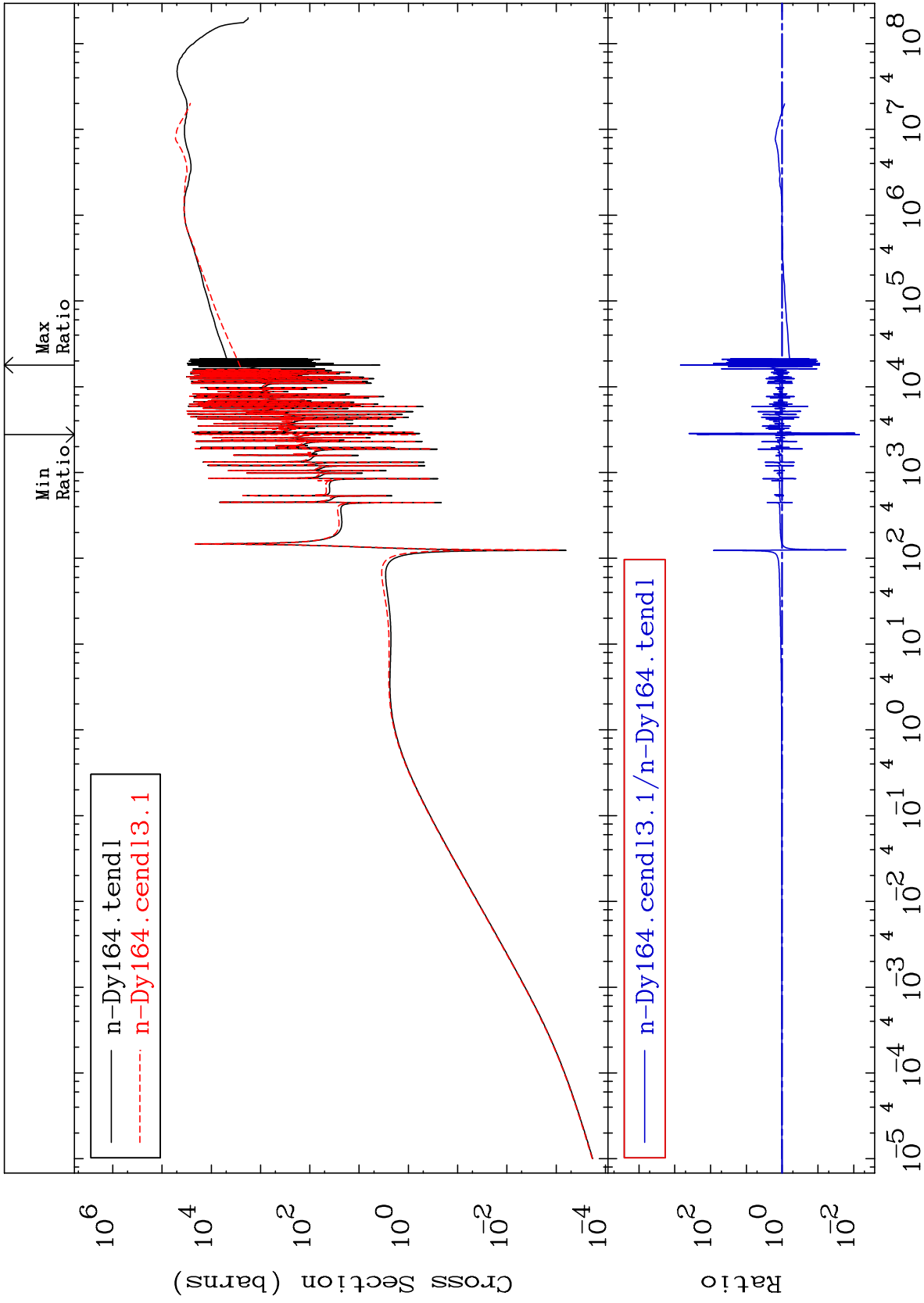
66-Dy-164  
-99.94 To 9999. %

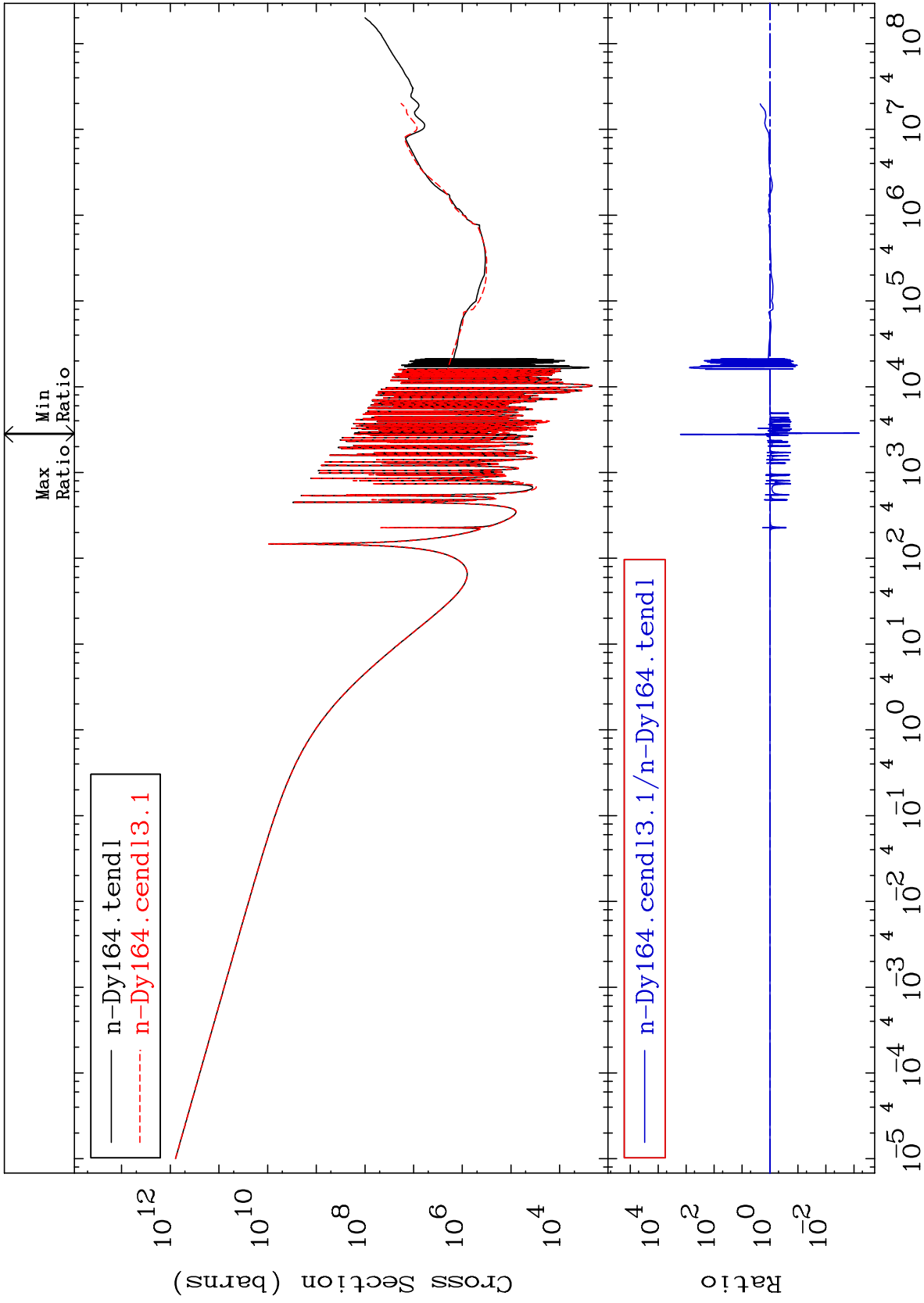


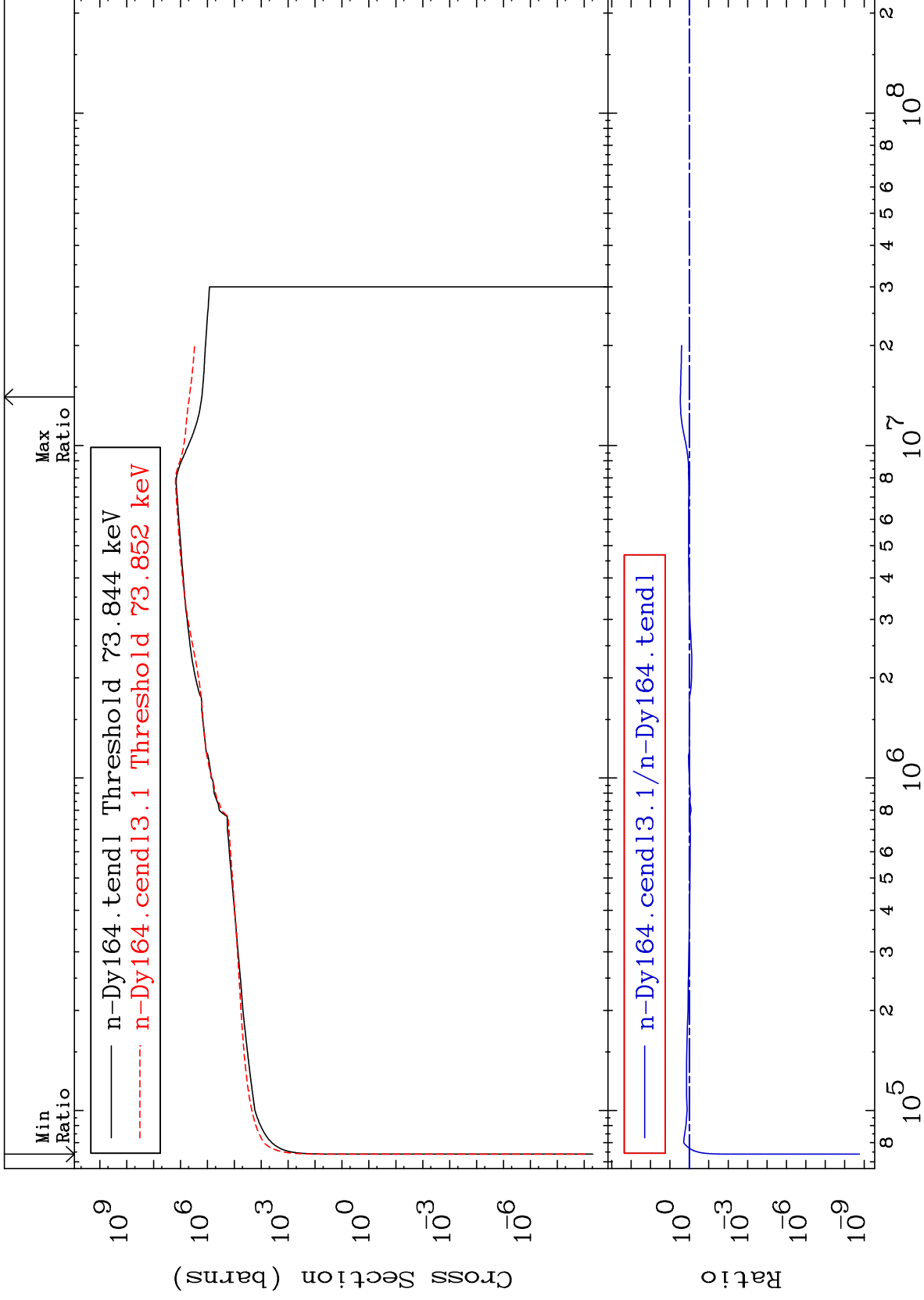
30

Incident Energy (eV)

66-Dy-164



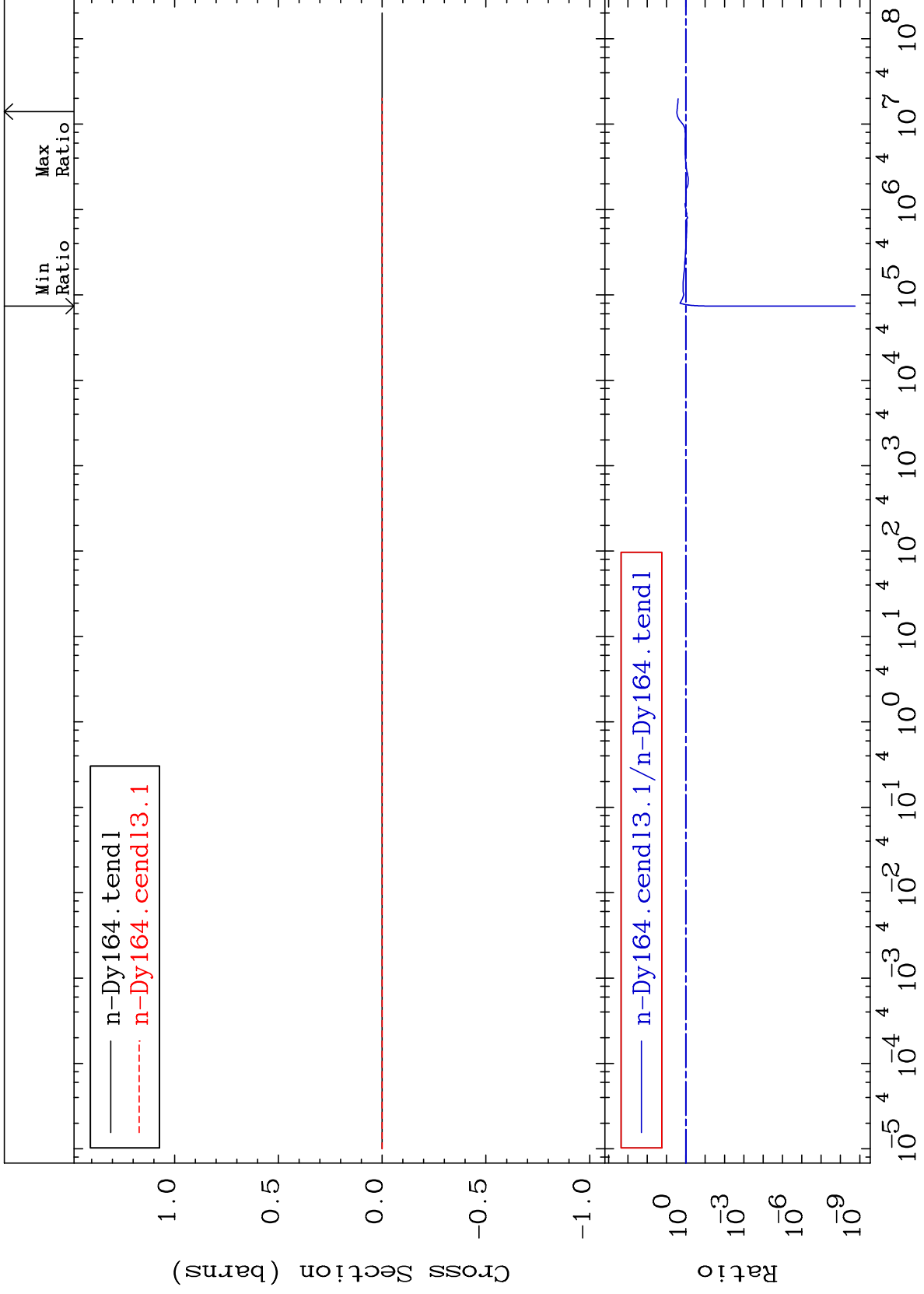


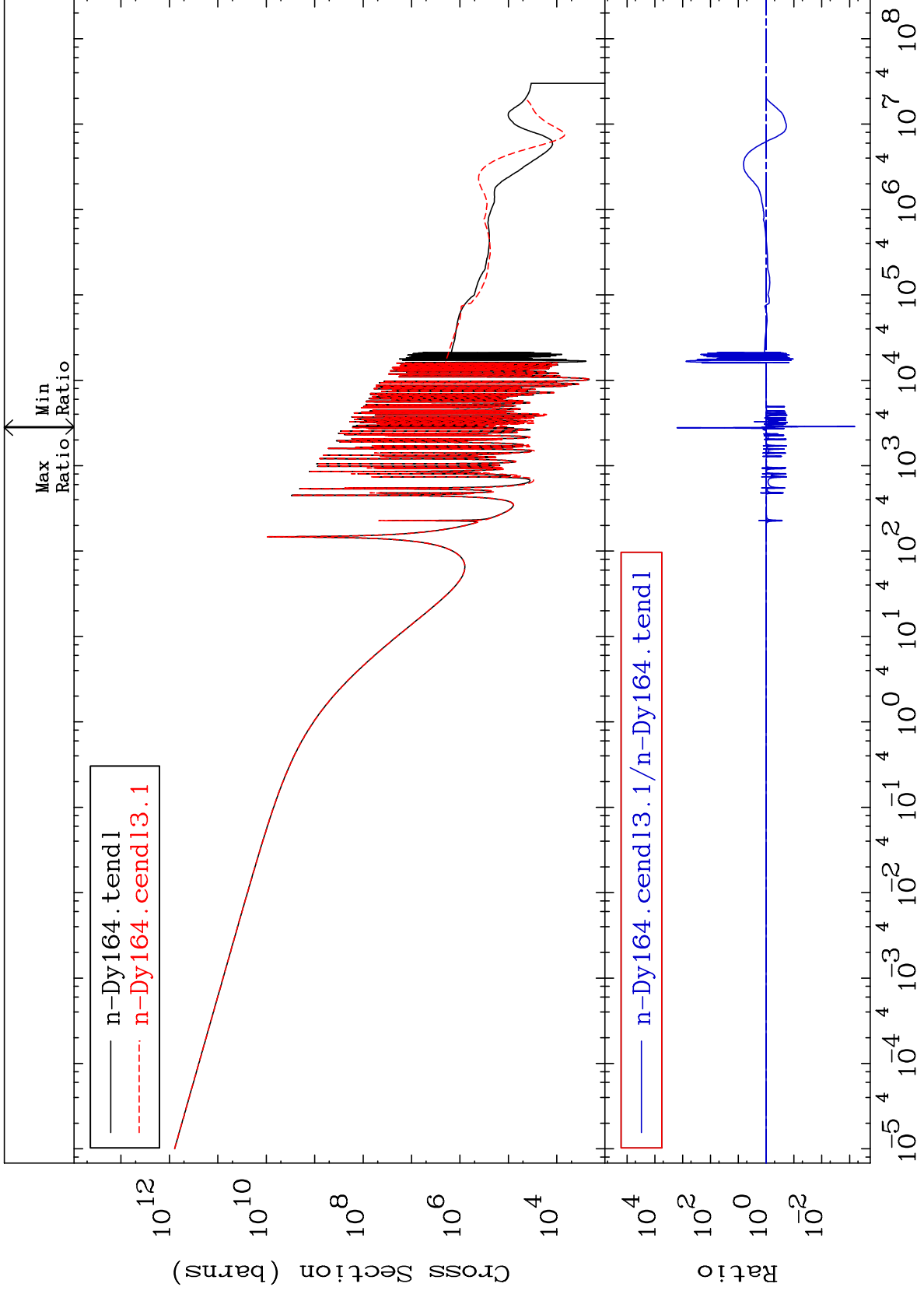


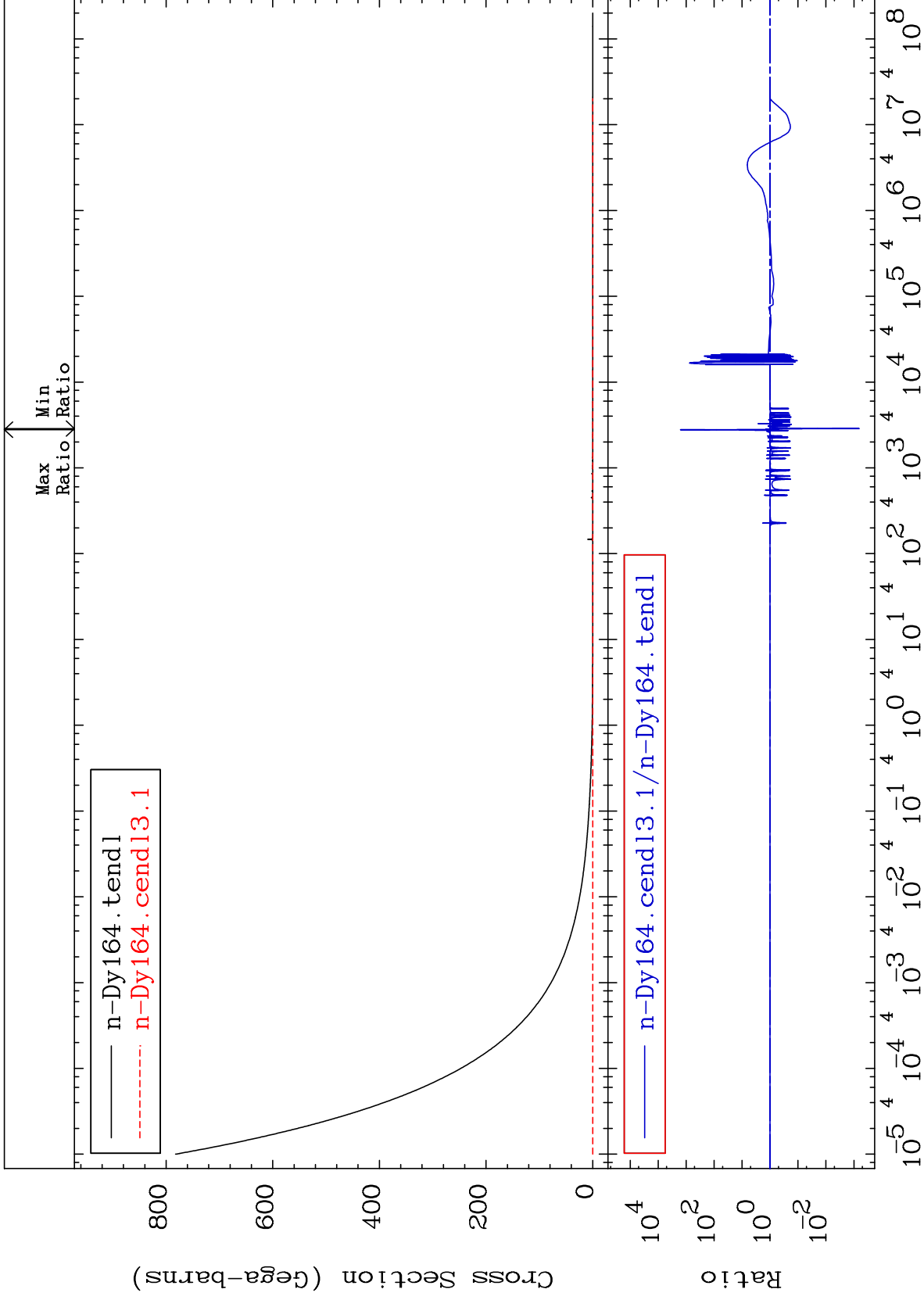
MAT 6649

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

66-Dy-164  
-100.0 To 190.1 %



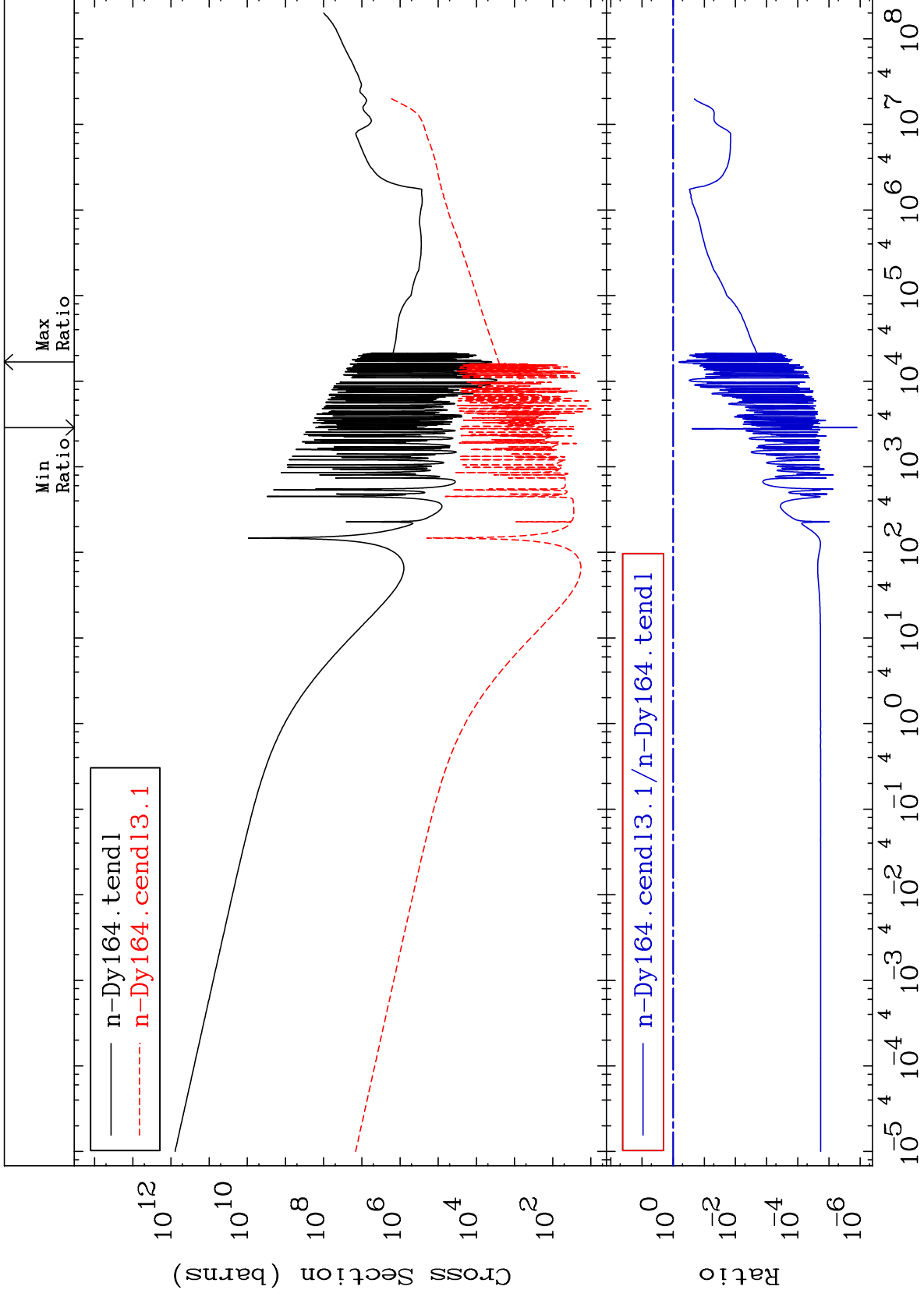




MAT 6649

Total kinematic kerma (high limit)  
Cross Section

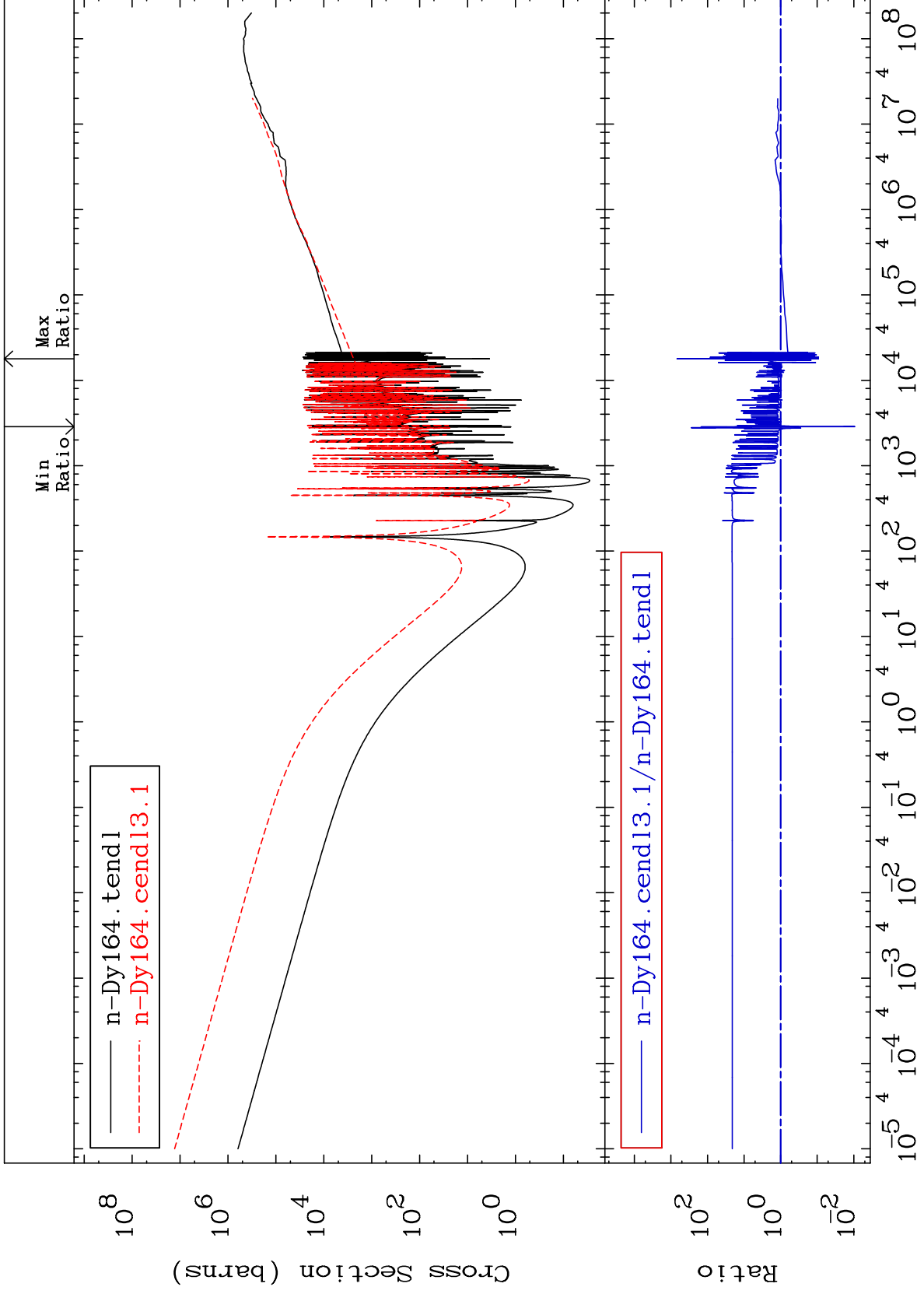
66-Dy-164  
-100.0 To -33.33%



MAT 6649

Dpa total (eV-barns)  
Cross Section

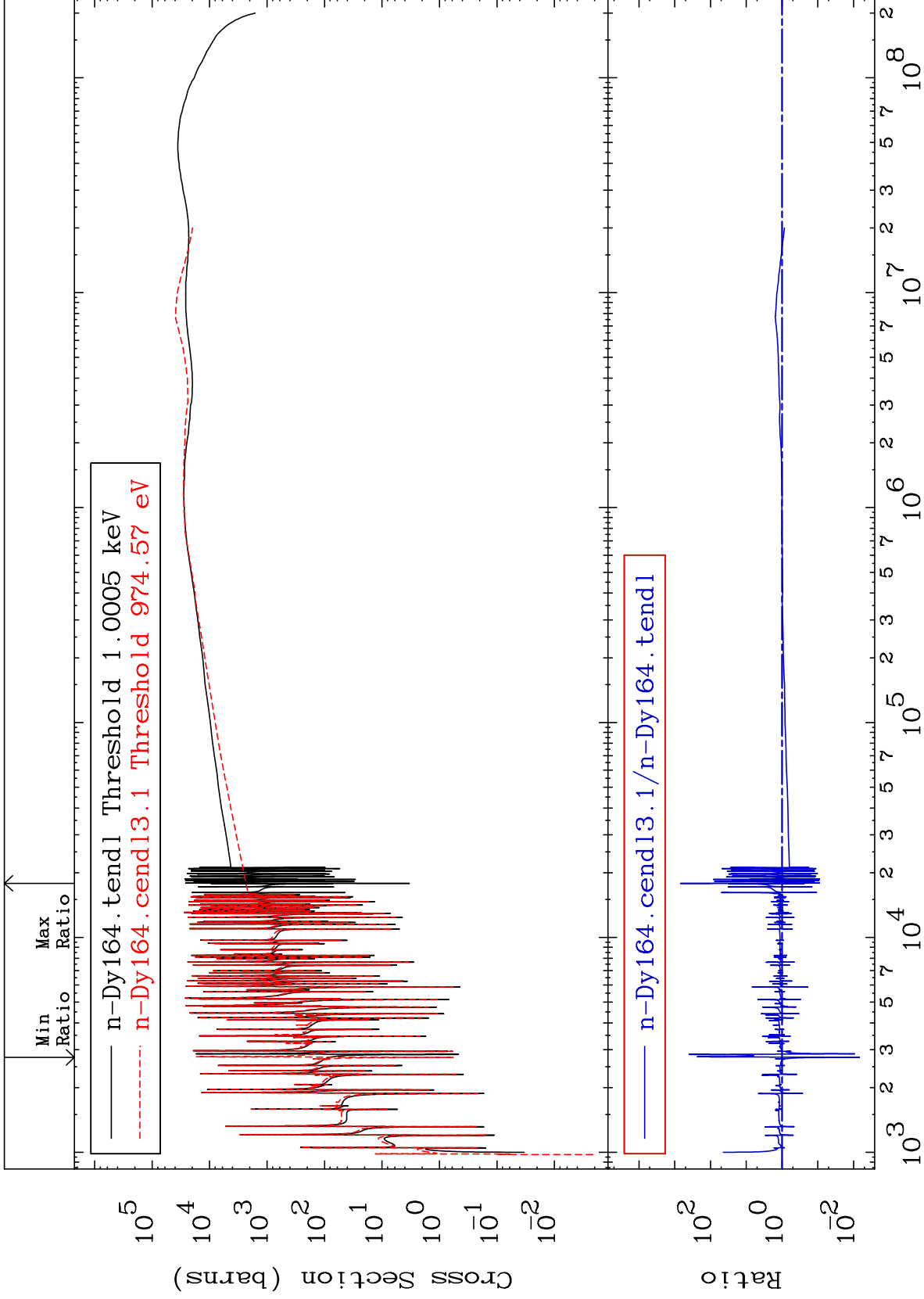
66-Dy-164  
-99.08 To 9999. %



MAT 6649

Dpa elastic (mt2)  
Cross Section

66-Dy-164  
-99.31 To 9999. %



39

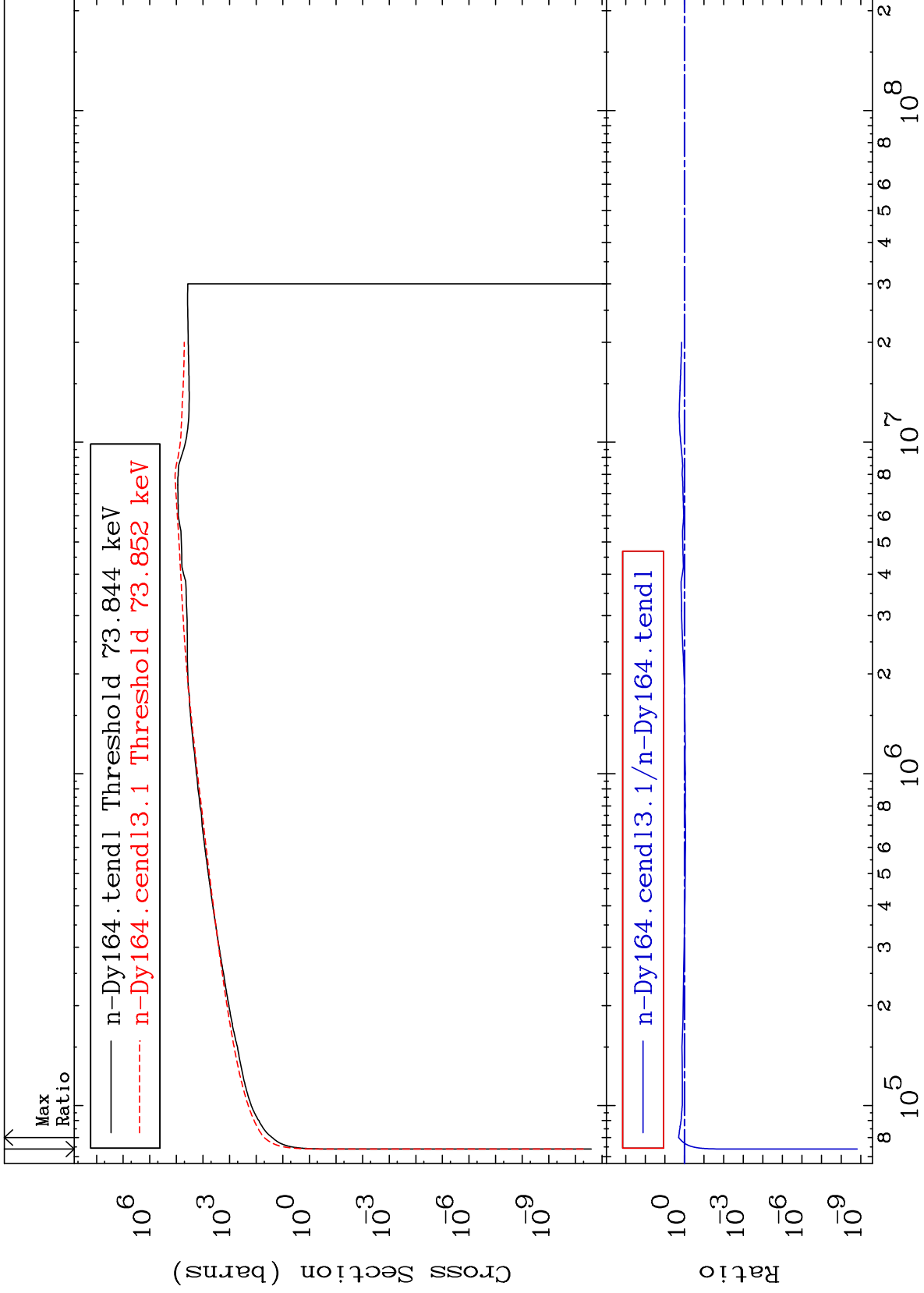
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa inelastic (mt51-91)  
Cross Section

66-Dy-164  
-100.0 To 98.90 %



40

Incident Energy (eV)

66-Dy-164

