

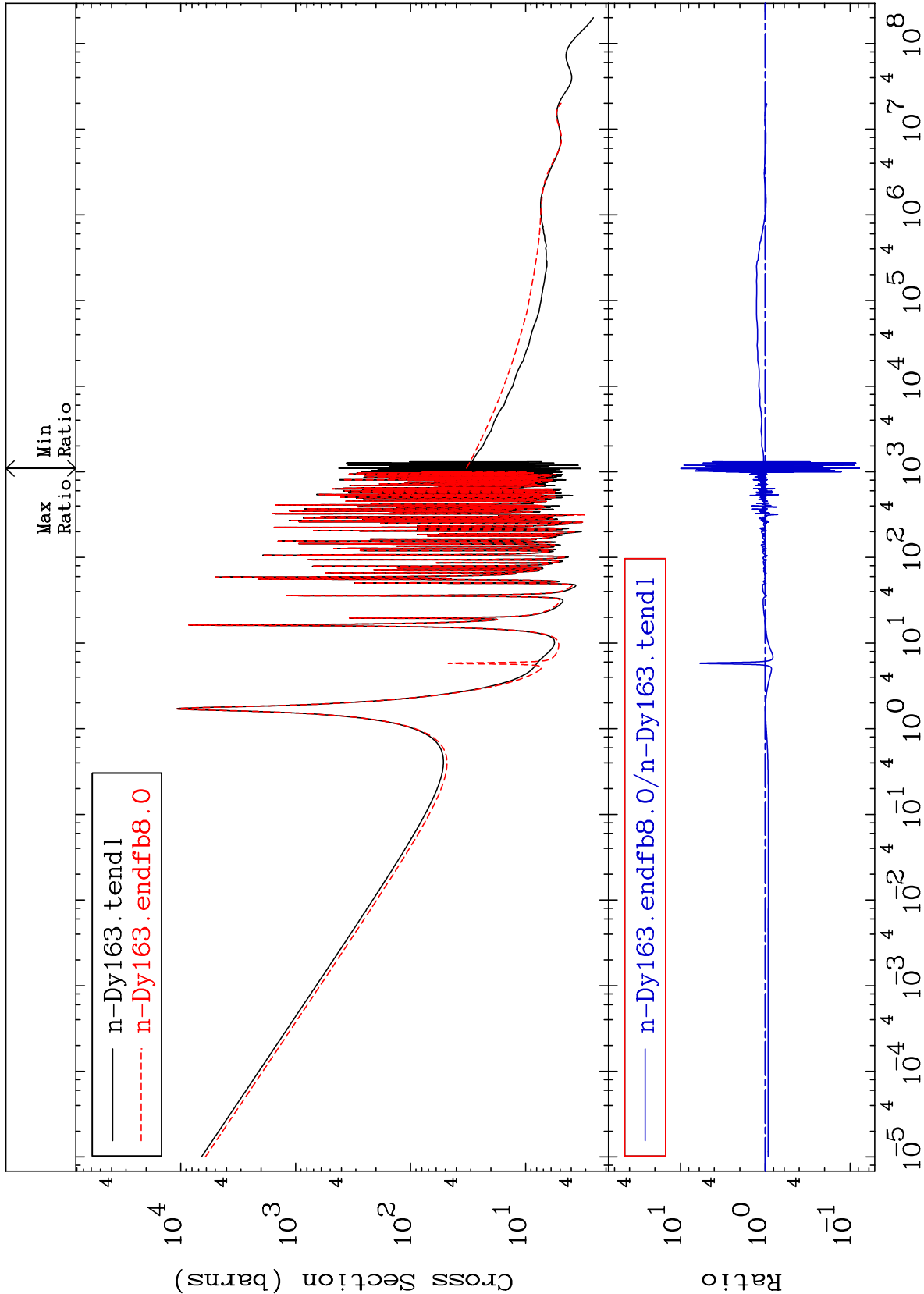
MAT 6646

Total

66-Dy-163

Cross Section

-92.25 To 892.7 %



Incident Energy (eV)

66-Dy-163

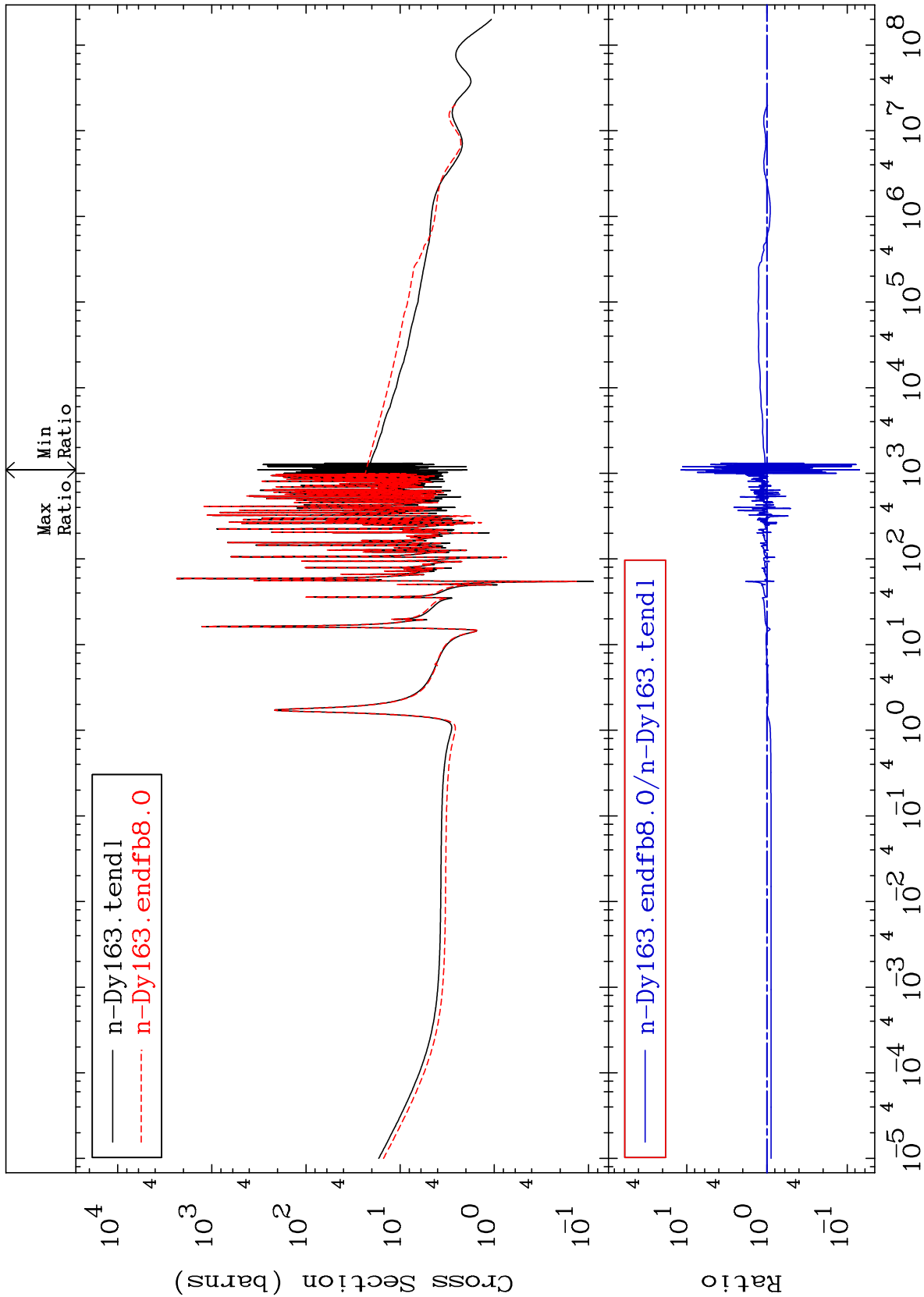
MAT 6646

Elastic

66-Dy-163

Cross Section

-92.98 To 1089. %



Incident Energy (eV)

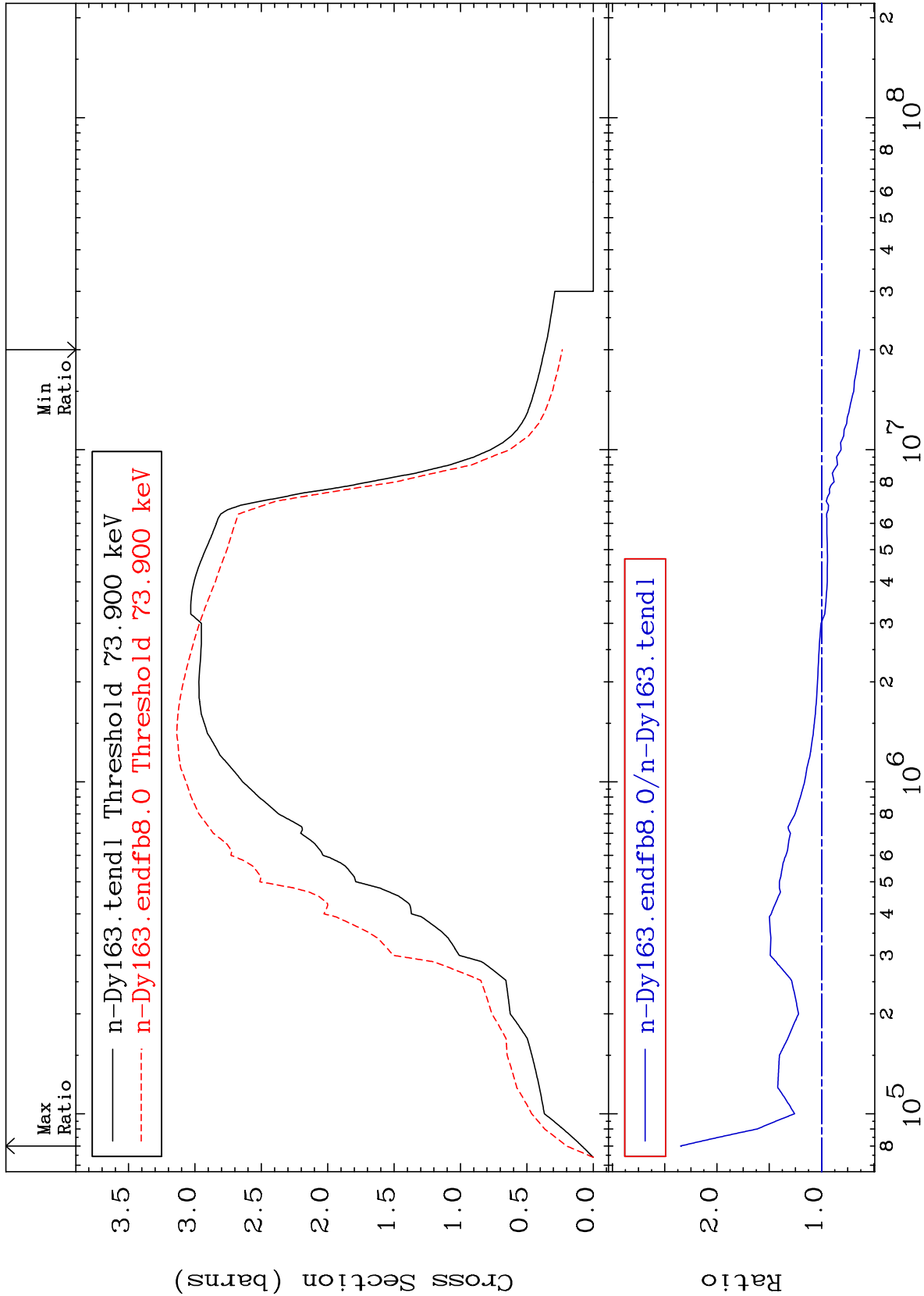
66-Dy-163

2

MAT 6646

Inelastic
Cross Section

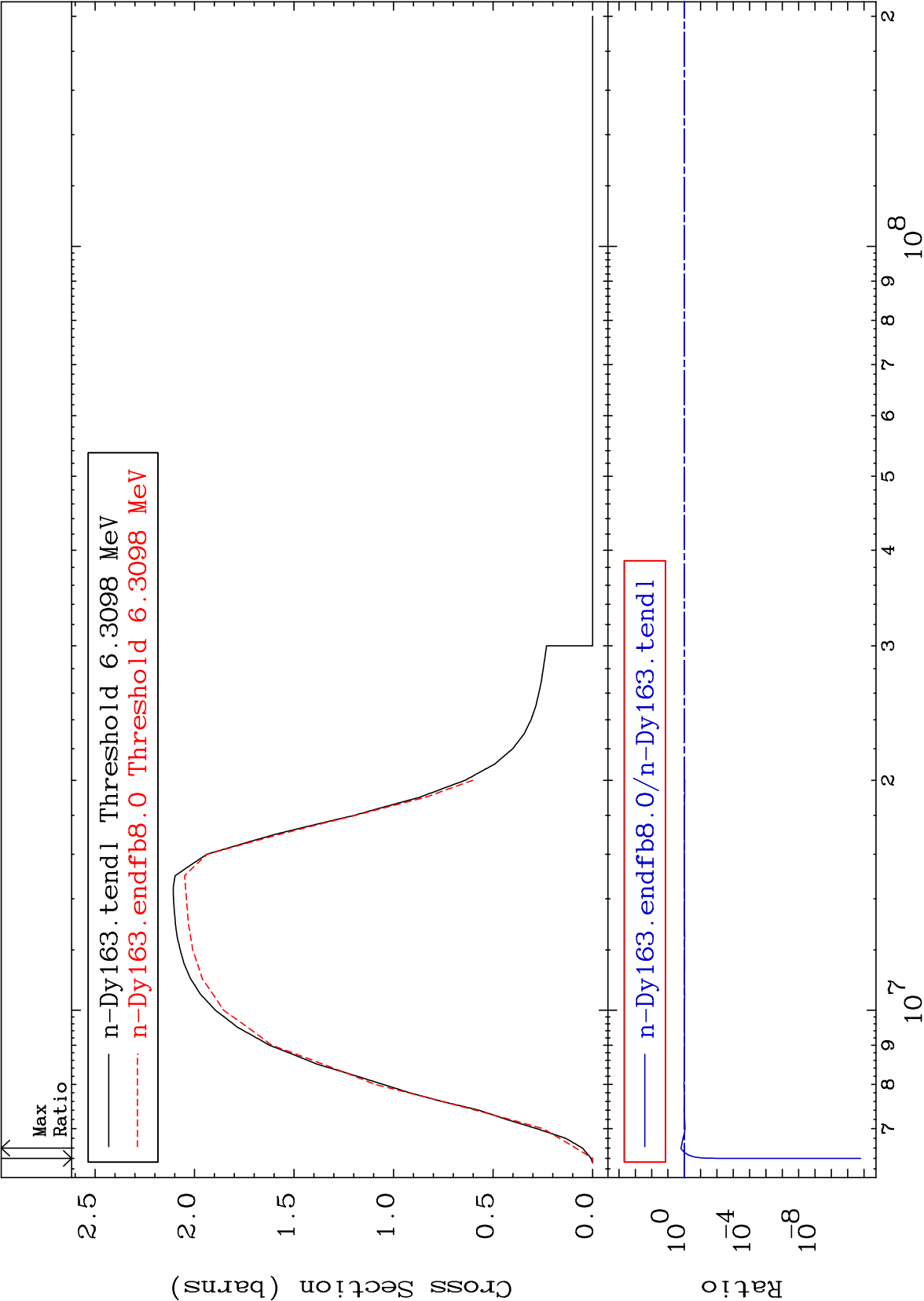
66-Dy-163
-36.28 To 134.6 %

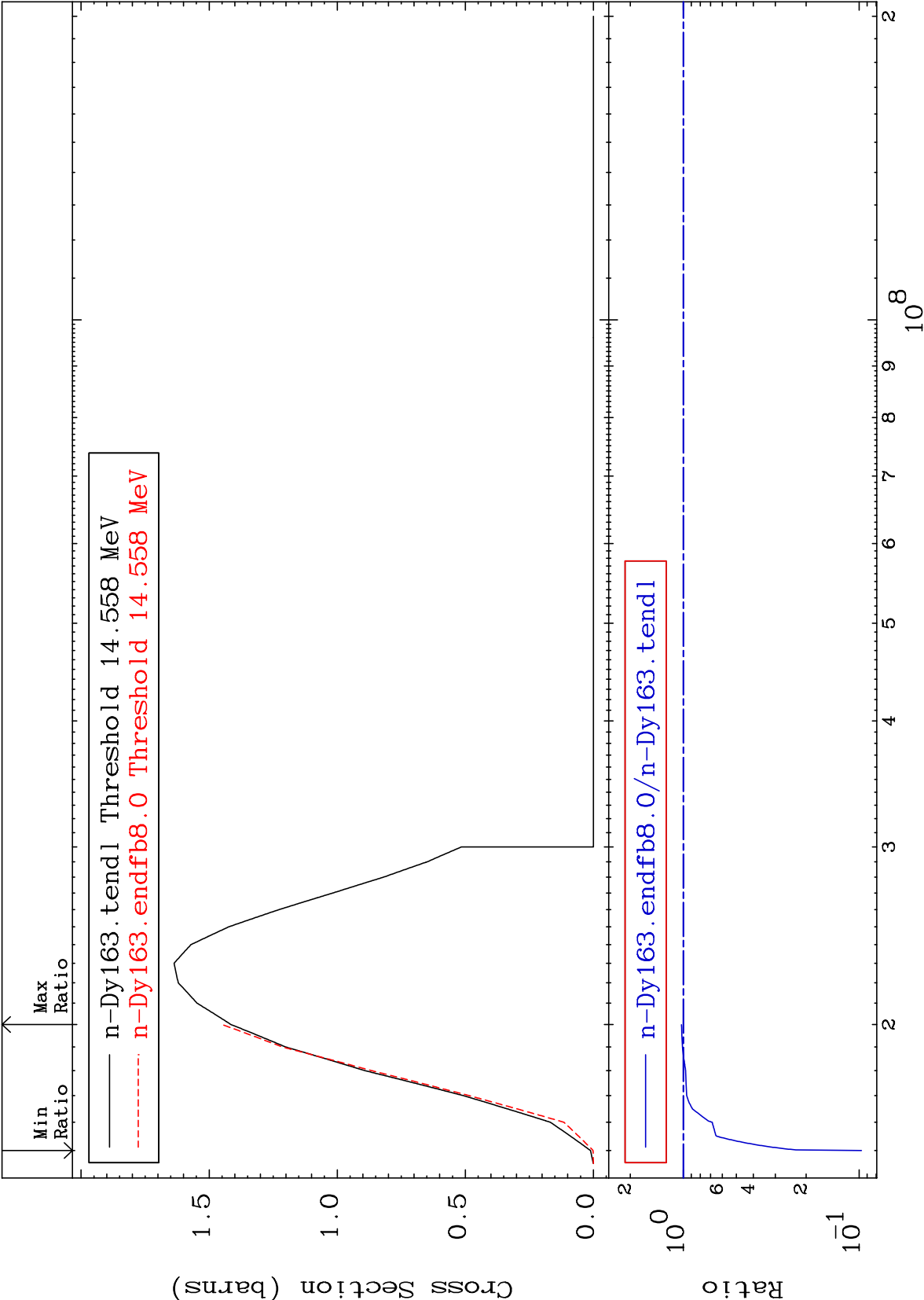


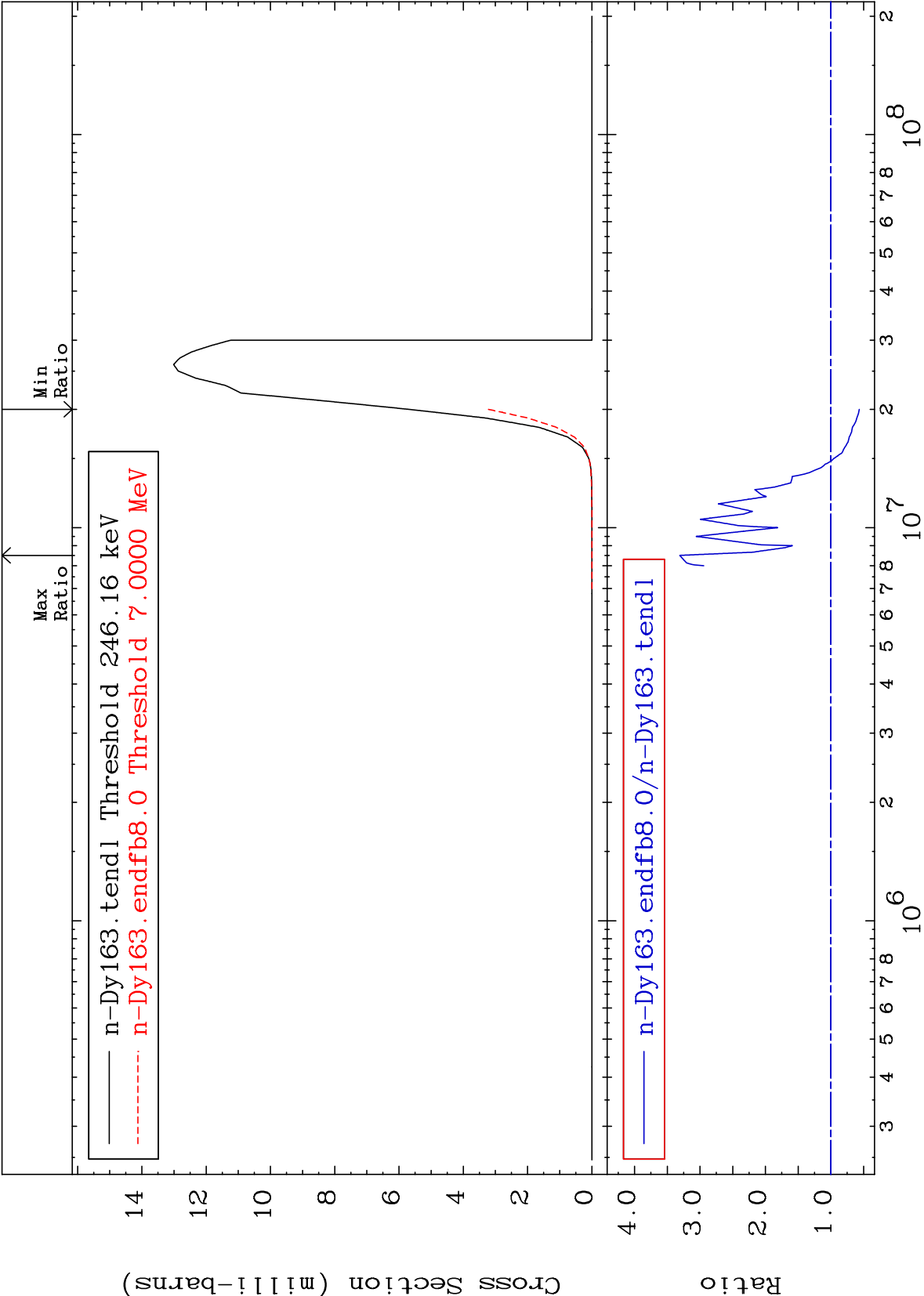
MAT 6646

(n,2n)
Cross Section

66-Dy-163
-100.0 To 66.26 %



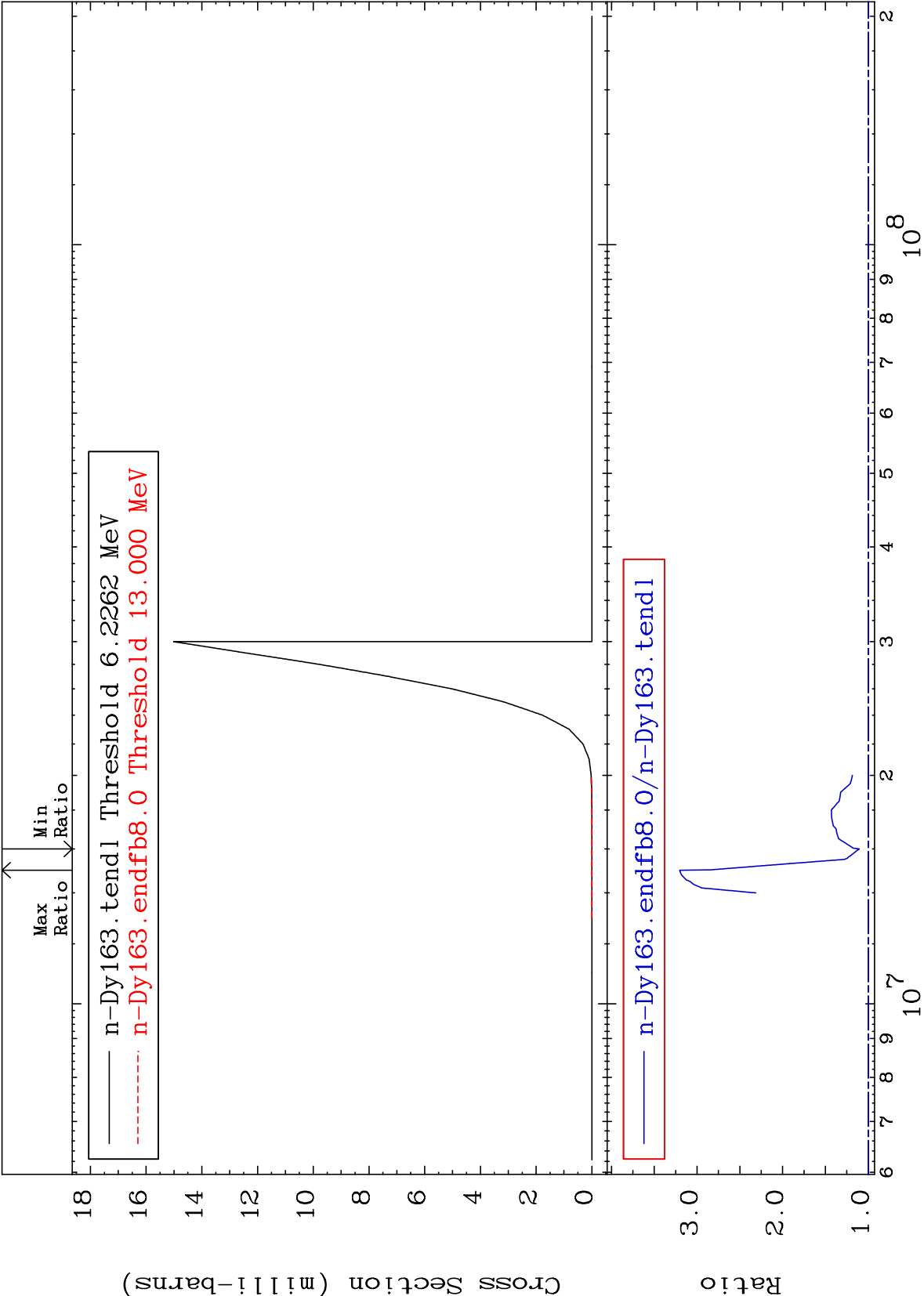




MAT 6646

(n,2n) α
Cross Section

66-Dy-163
10.40 To 220.2 %



7

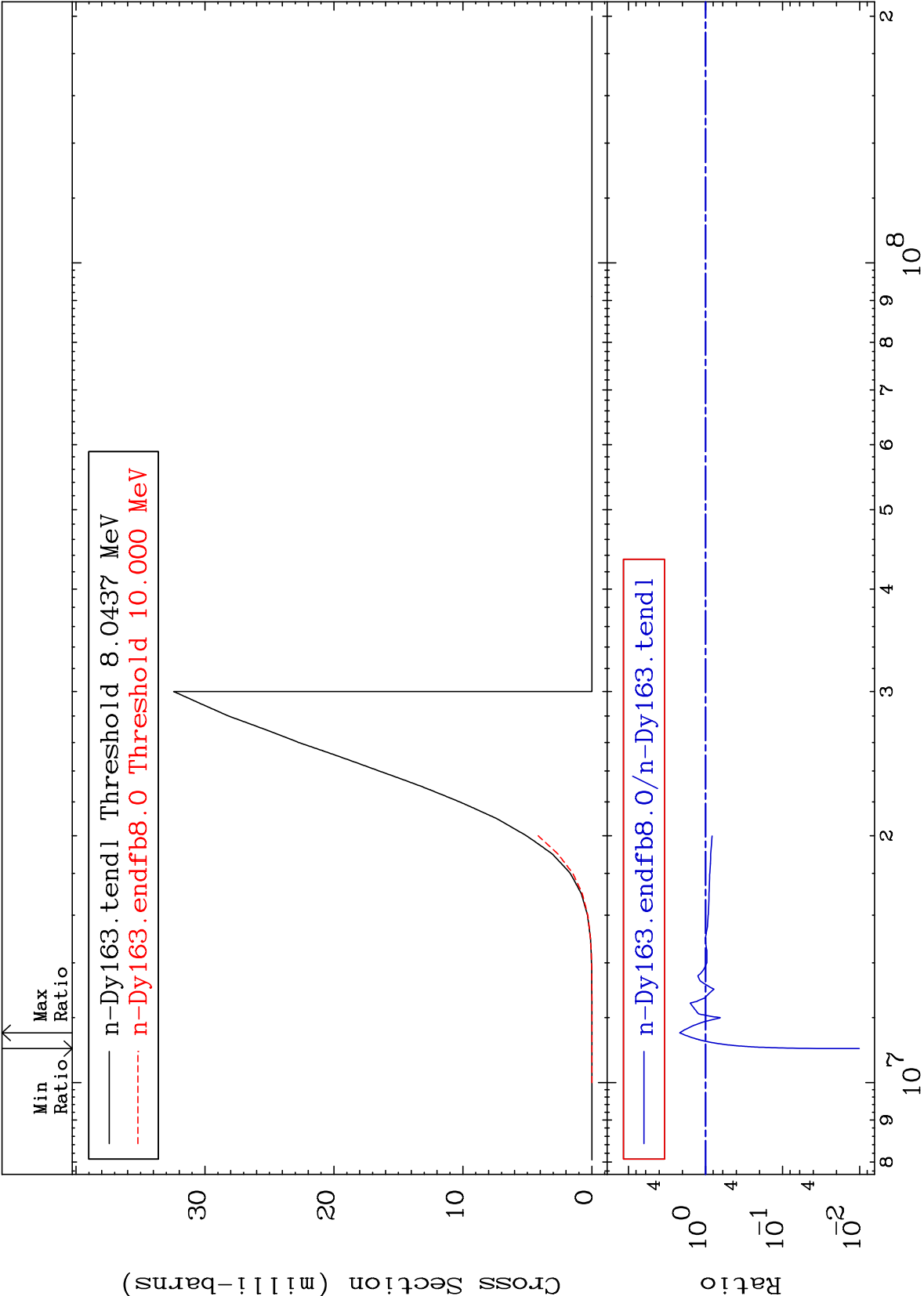
Incident Energy (eV)

66-Dy-163

MAT 6646

(n,n') p
Cross Section

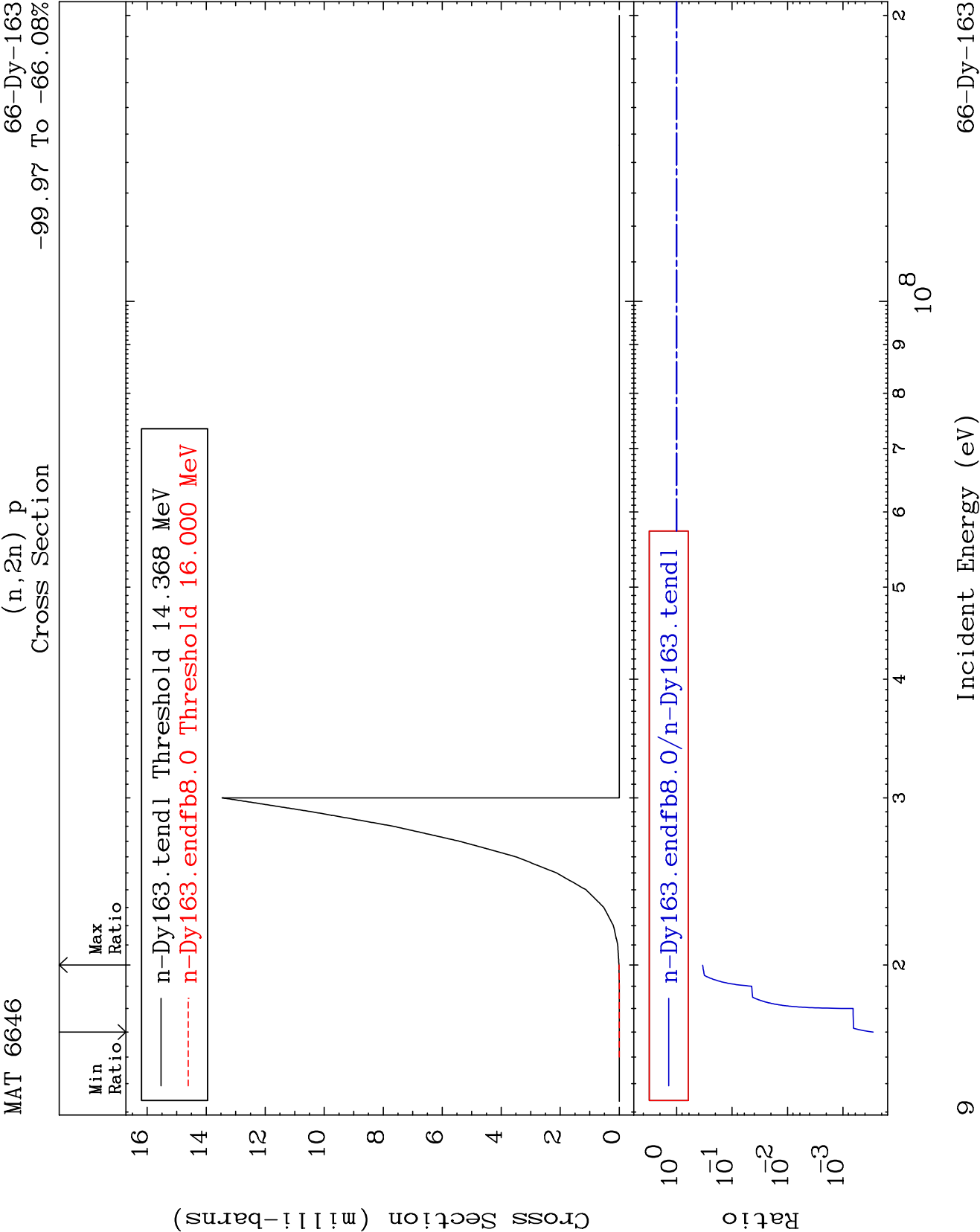
66-Dy-163
-98.99 To 116.6 %

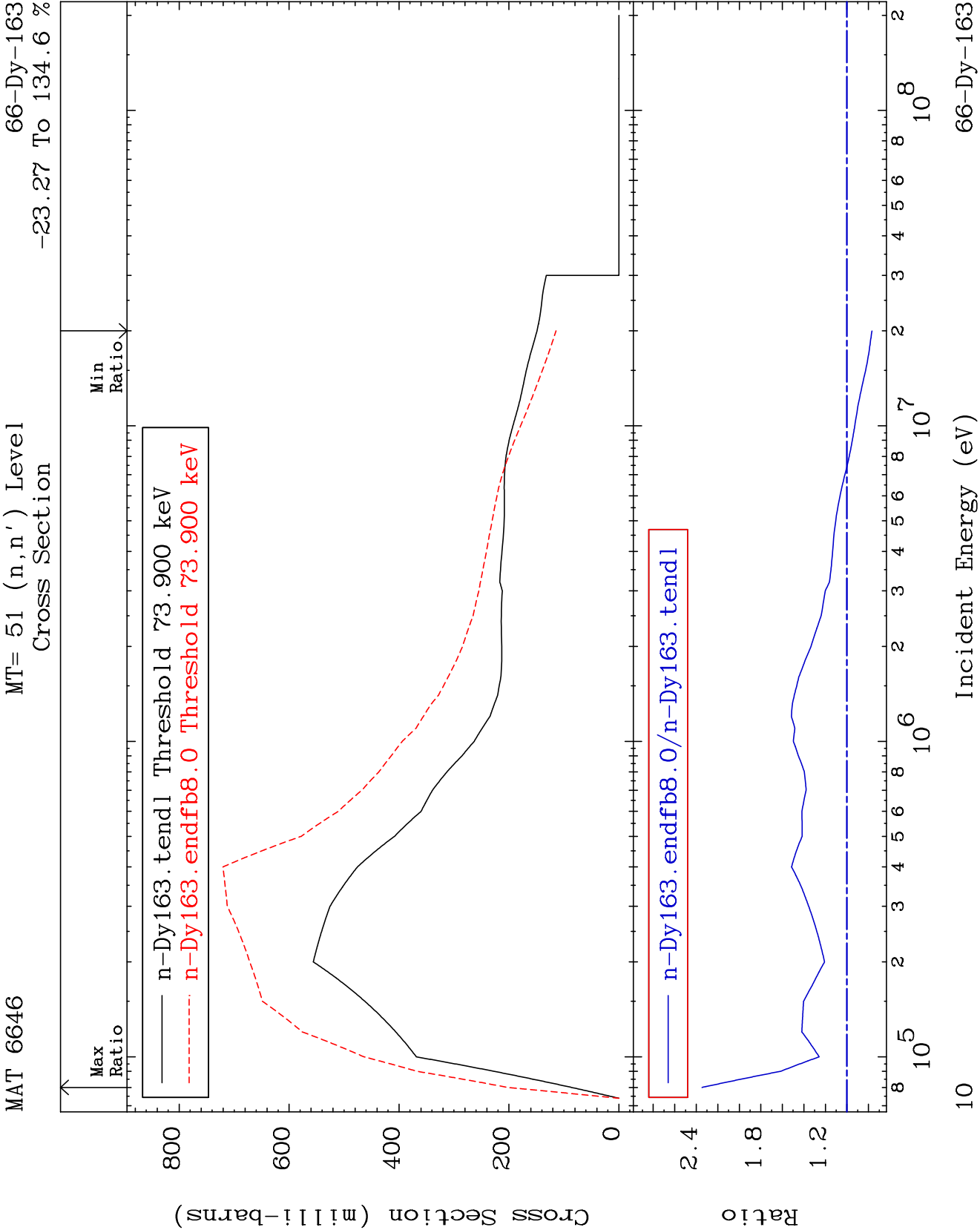


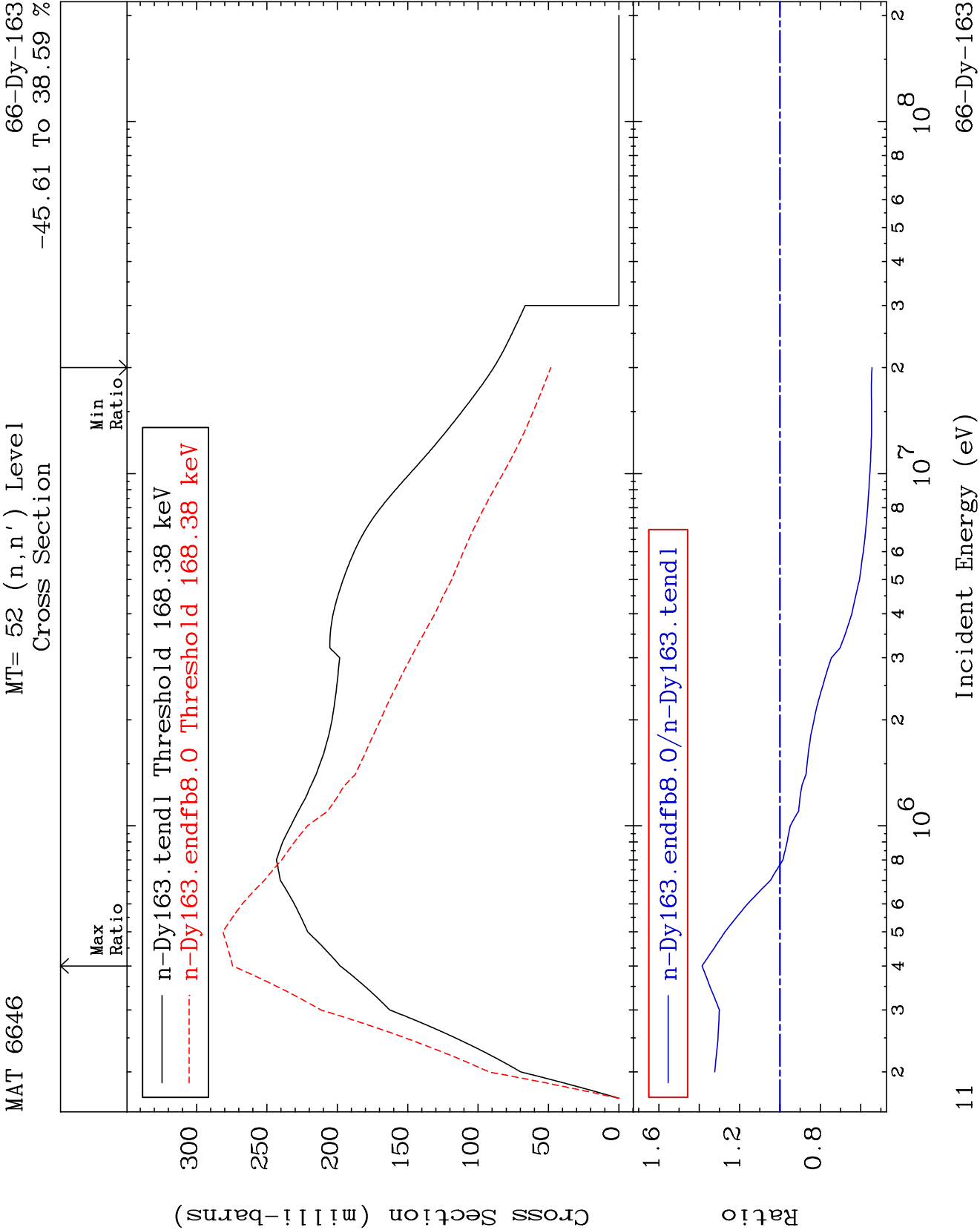
8

66-Dy-163

66-Dy-163







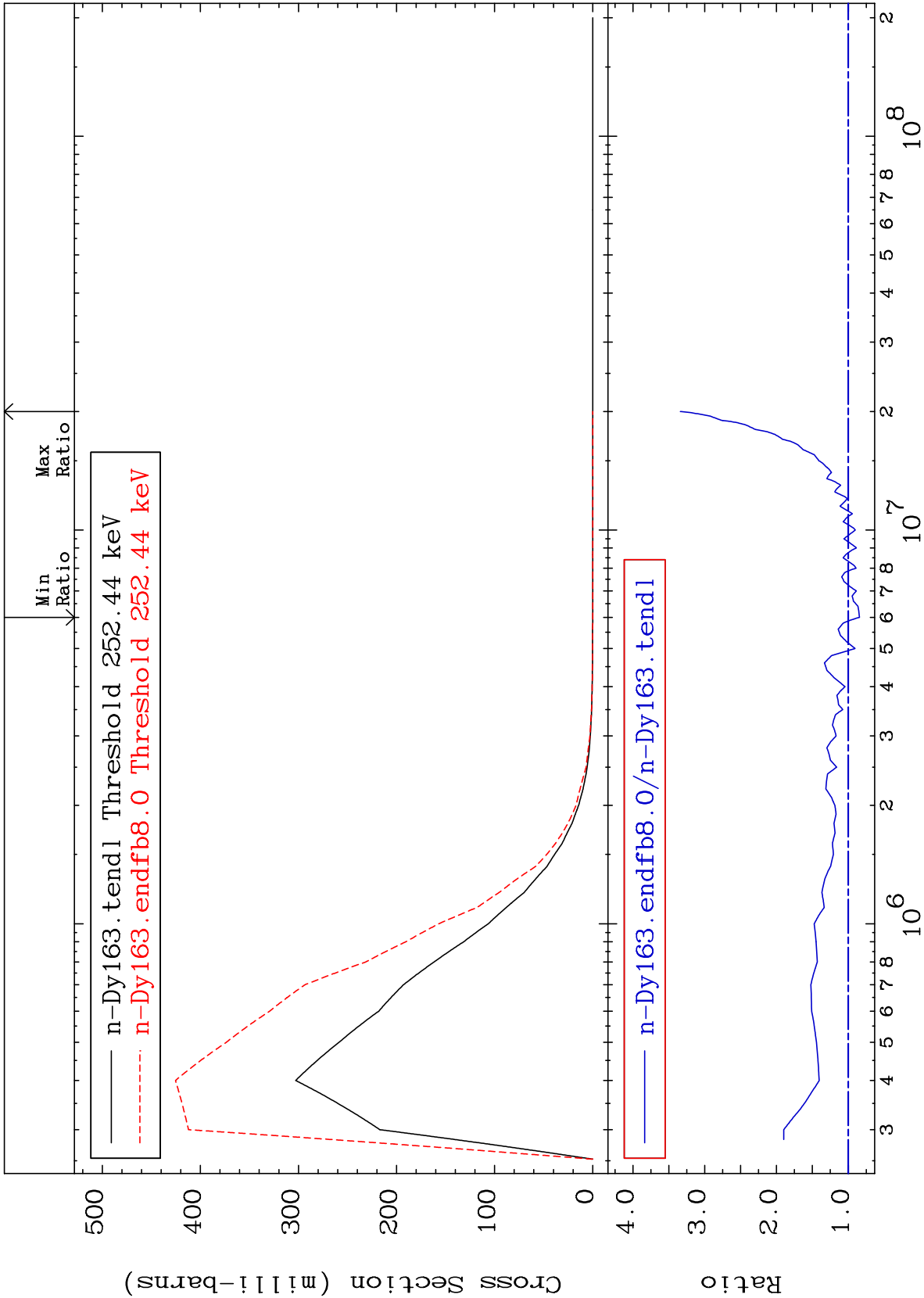
MAT 6646

MT= 53 (n,n') Level

66-Dy-163

Cross Section

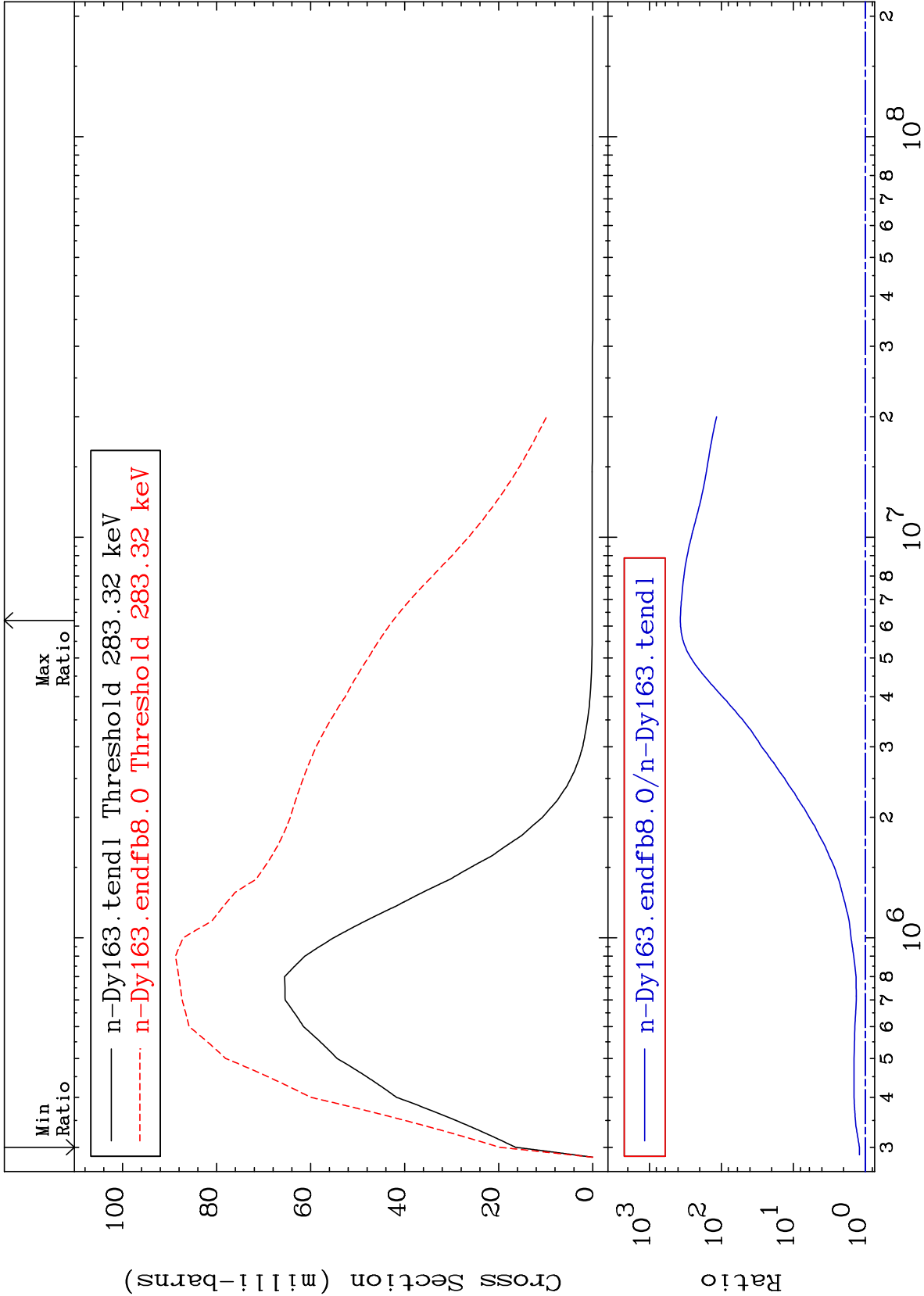
-15.54 To 234.0 %



MAT 6646

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

66-Dy-163
20.69 To 9999. %



13

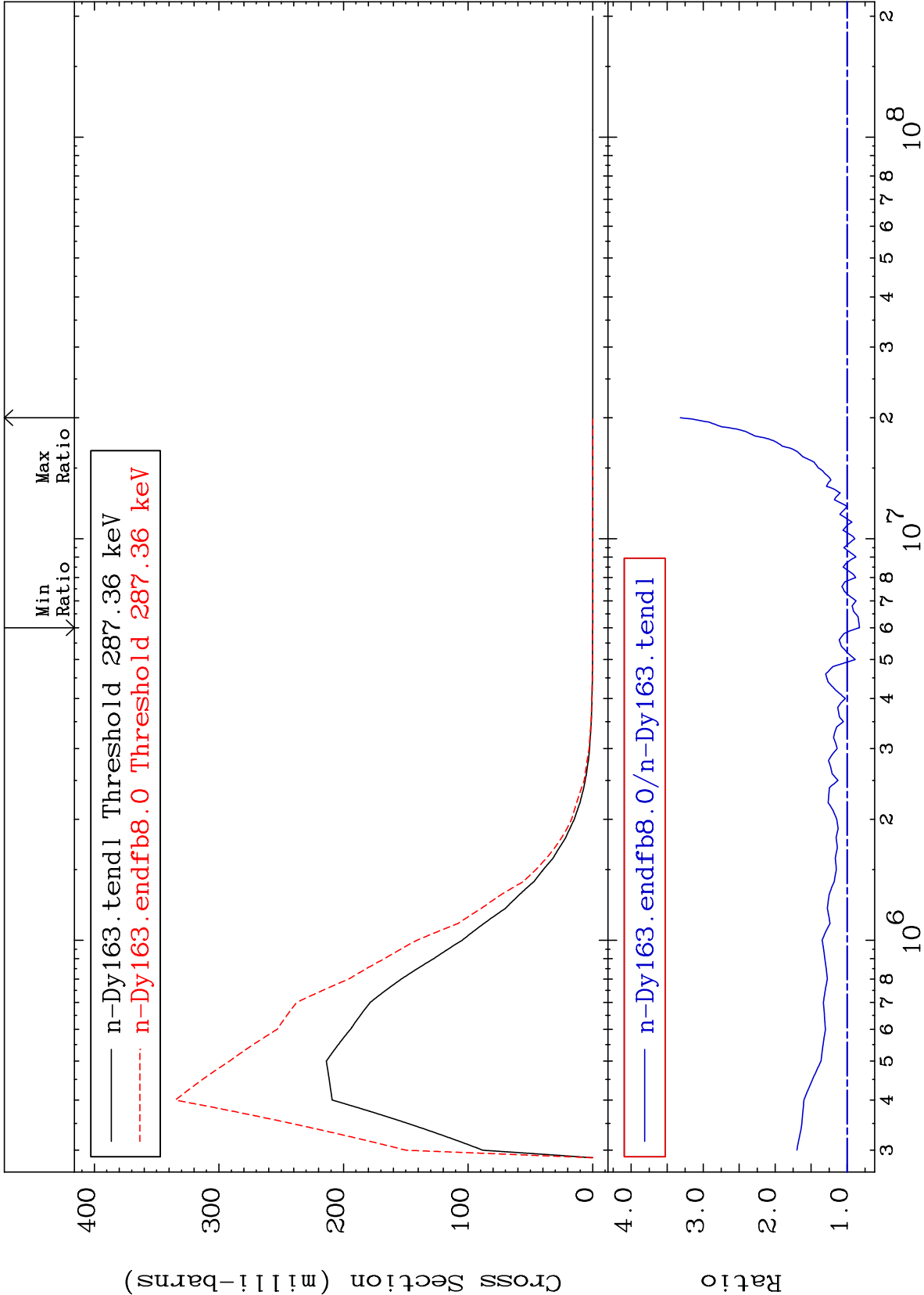
Incident Energy (eV)

66-Dy-163

MAT 6646

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

66-Dy-163
-17.07 To 231.7 %



14

Incident Energy (eV)

66-Dy-163

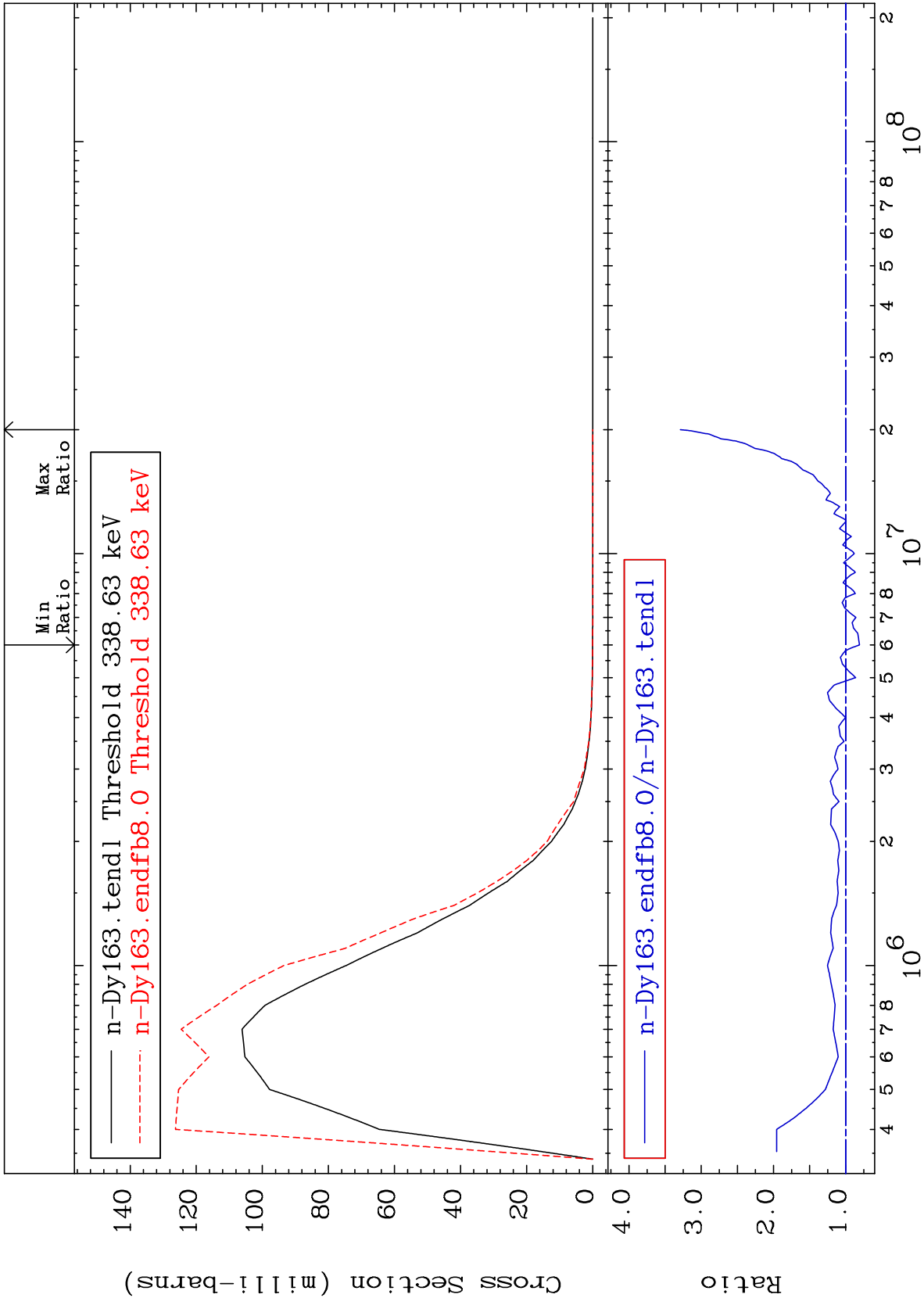
MAT 6646

MT= 56 (n,n') Level

66-Dy-163

Cross Section

-18.96 To 228.9 %



15

Incident Energy (eV)

66-Dy-163

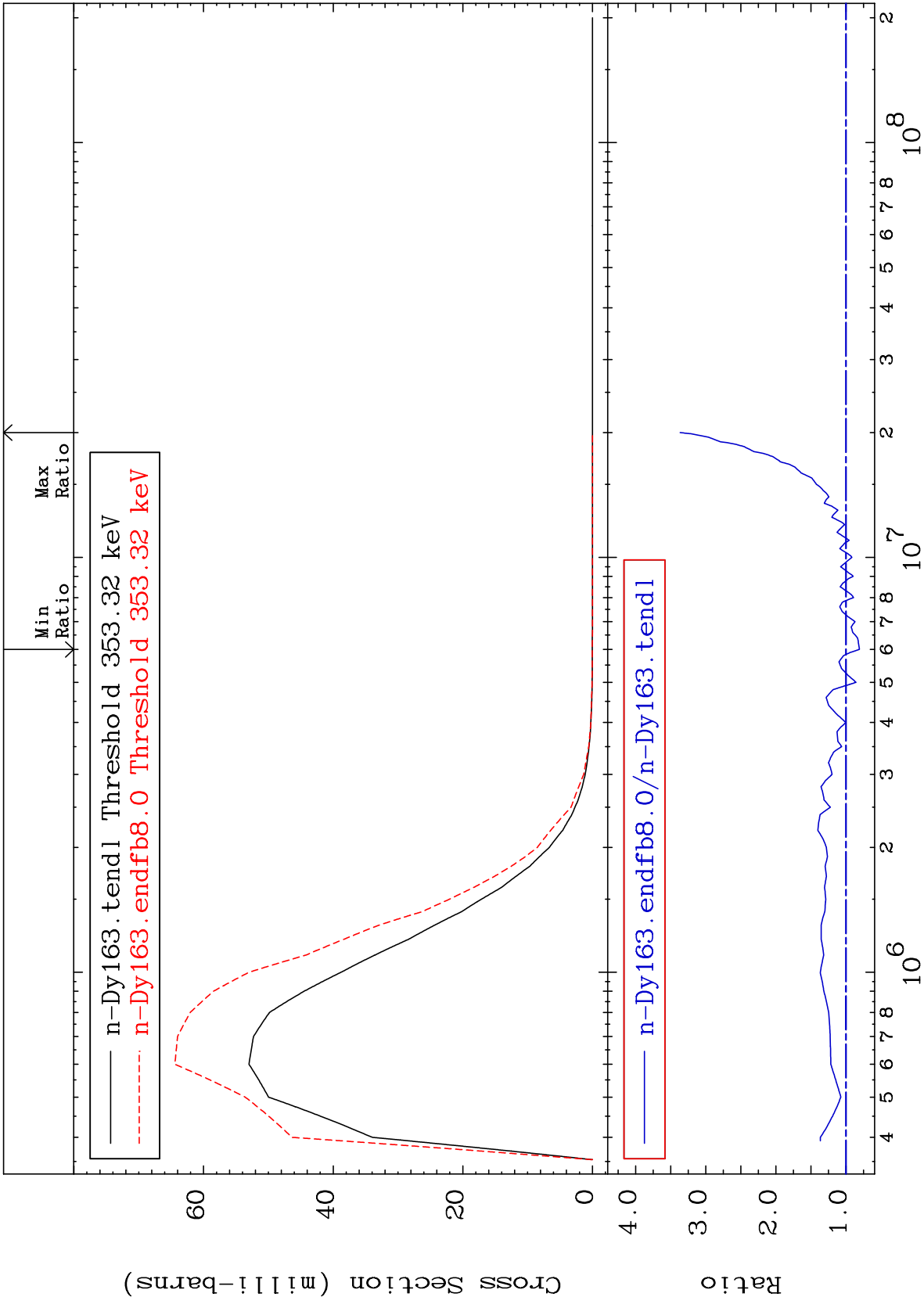
MAT 6646

MT= 57 (n,n') Level

66-Dy-163

-19.17 To 236.4 %

Cross Section



16

Incident Energy (eV)

66-Dy-163

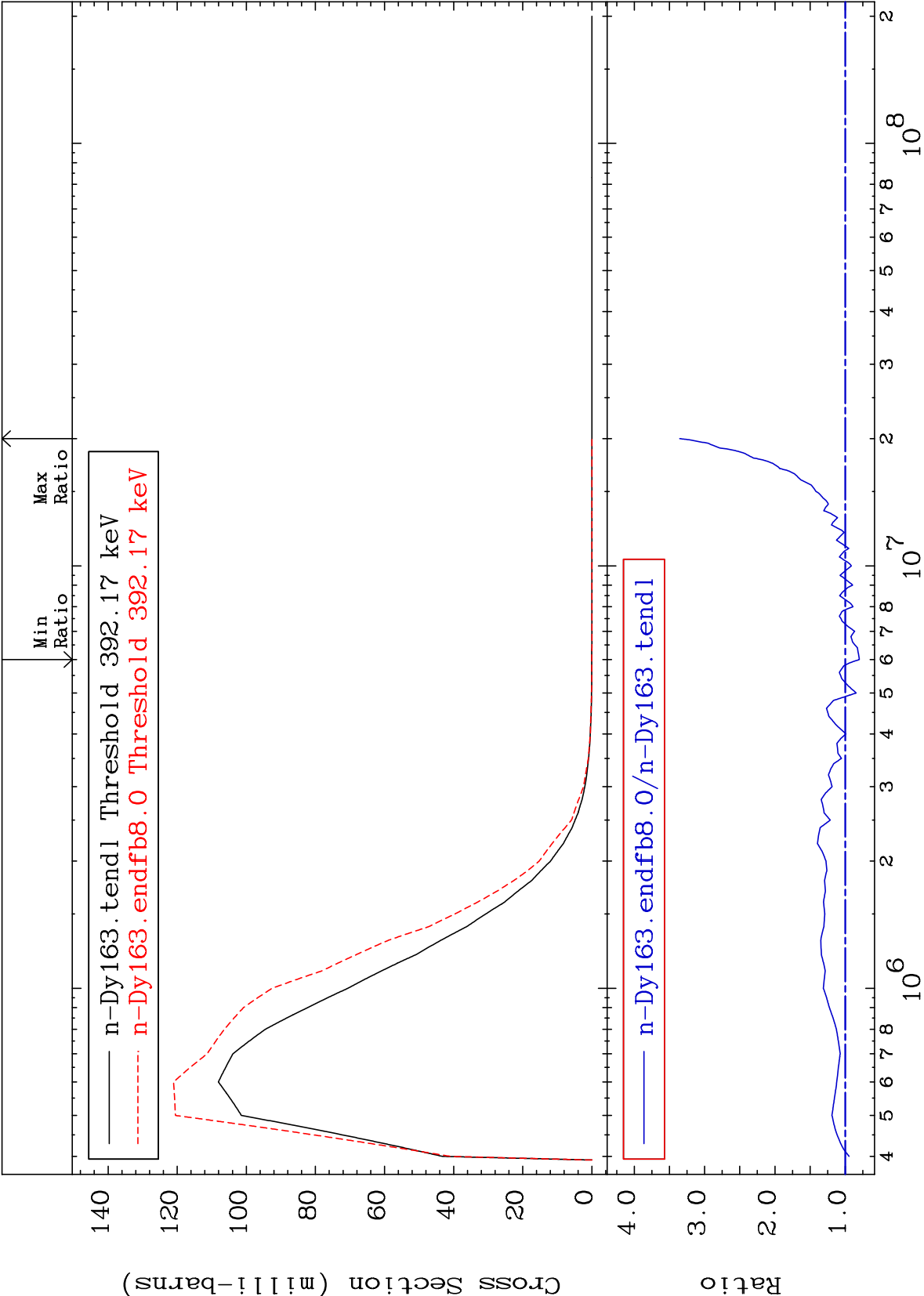
MAT 6646

MT= 58 (n,n') Level

66-Dy-163

-20.00 To 235.4 %

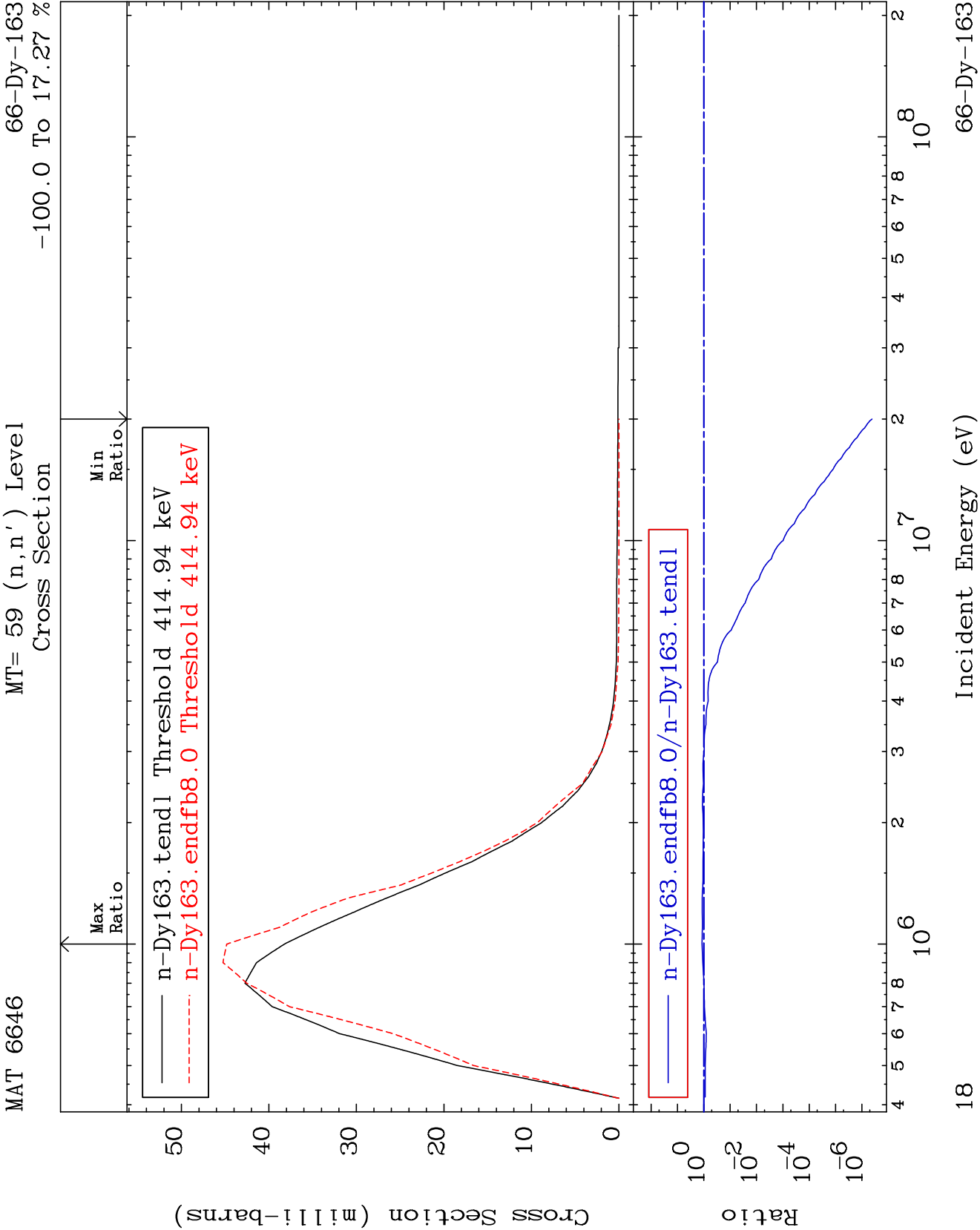
Cross Section

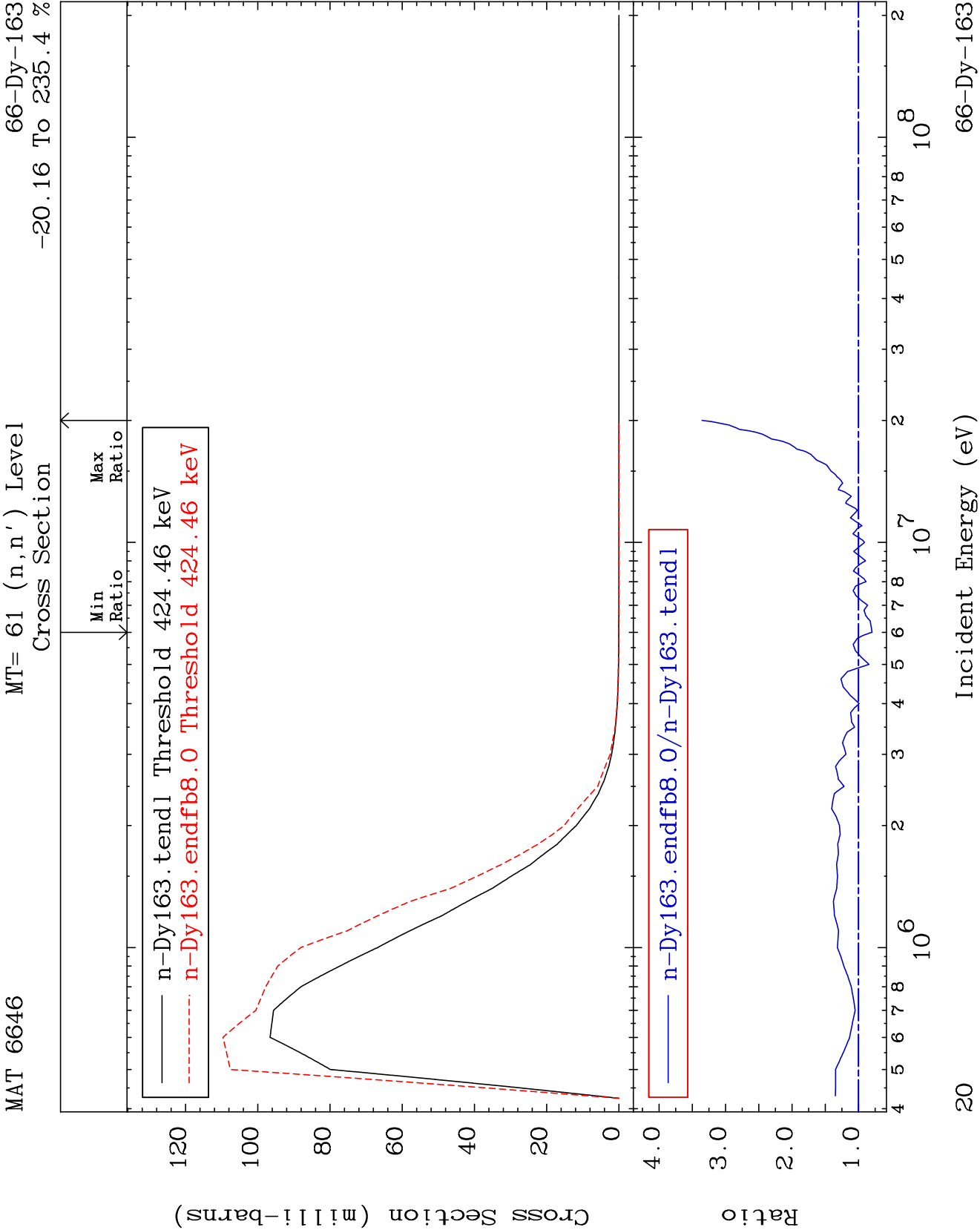


17

Incident Energy (eV)

66-Dy-163

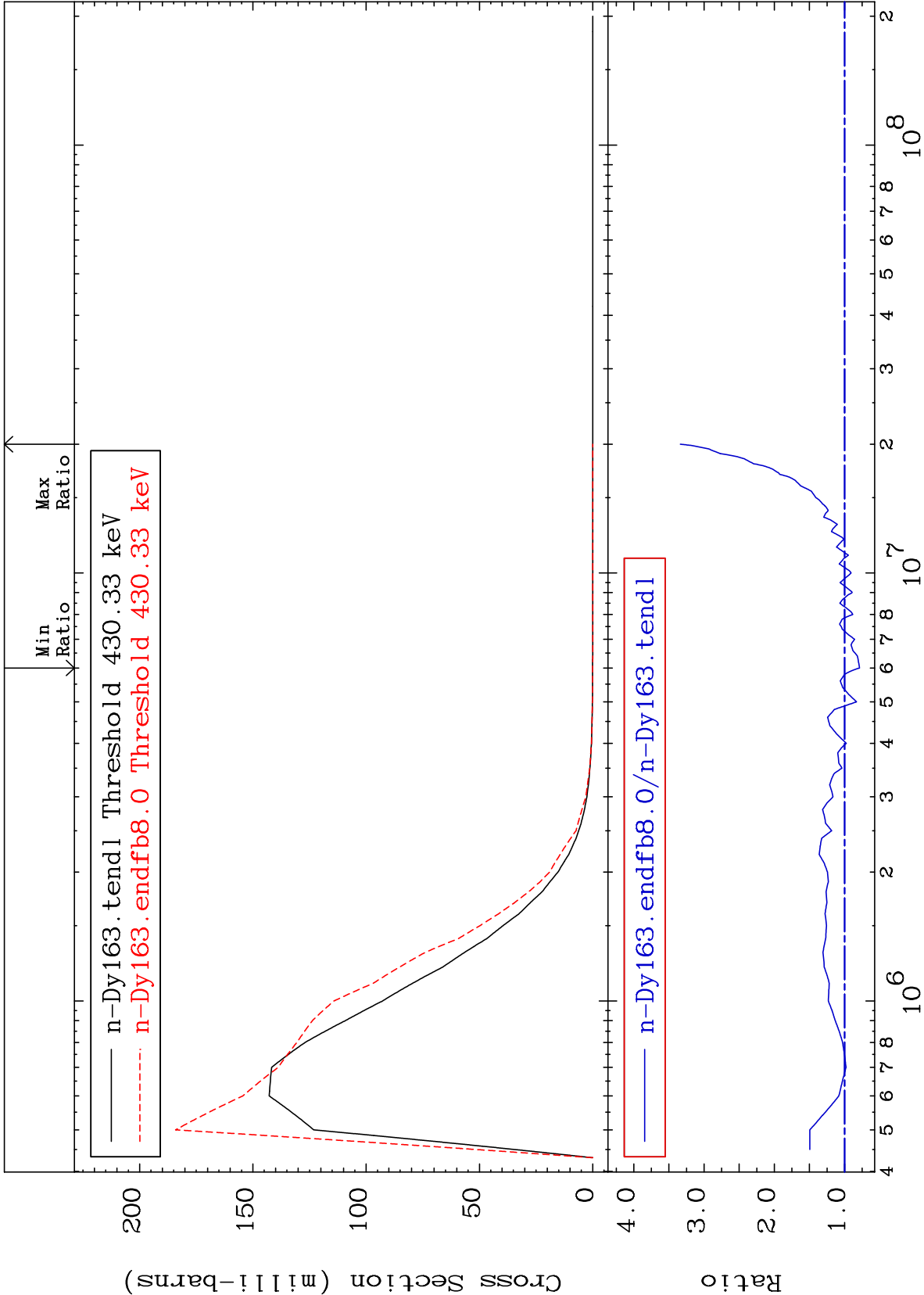




MAT 6646

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

66-Dy-163
-21.14 To 233.8 %



MAT 6646

MT= 63 (n, n') Level

66-Dy-163

-13.86 To 309.2 %

Cross Section

160

Min_Rat

Min_Rat

Max
RatioMax
Ratio

—— n-Dv163.tendl Threshold 452.79 keV

----- n-Dy163.endfb8.0 Threshold 452.79 keV

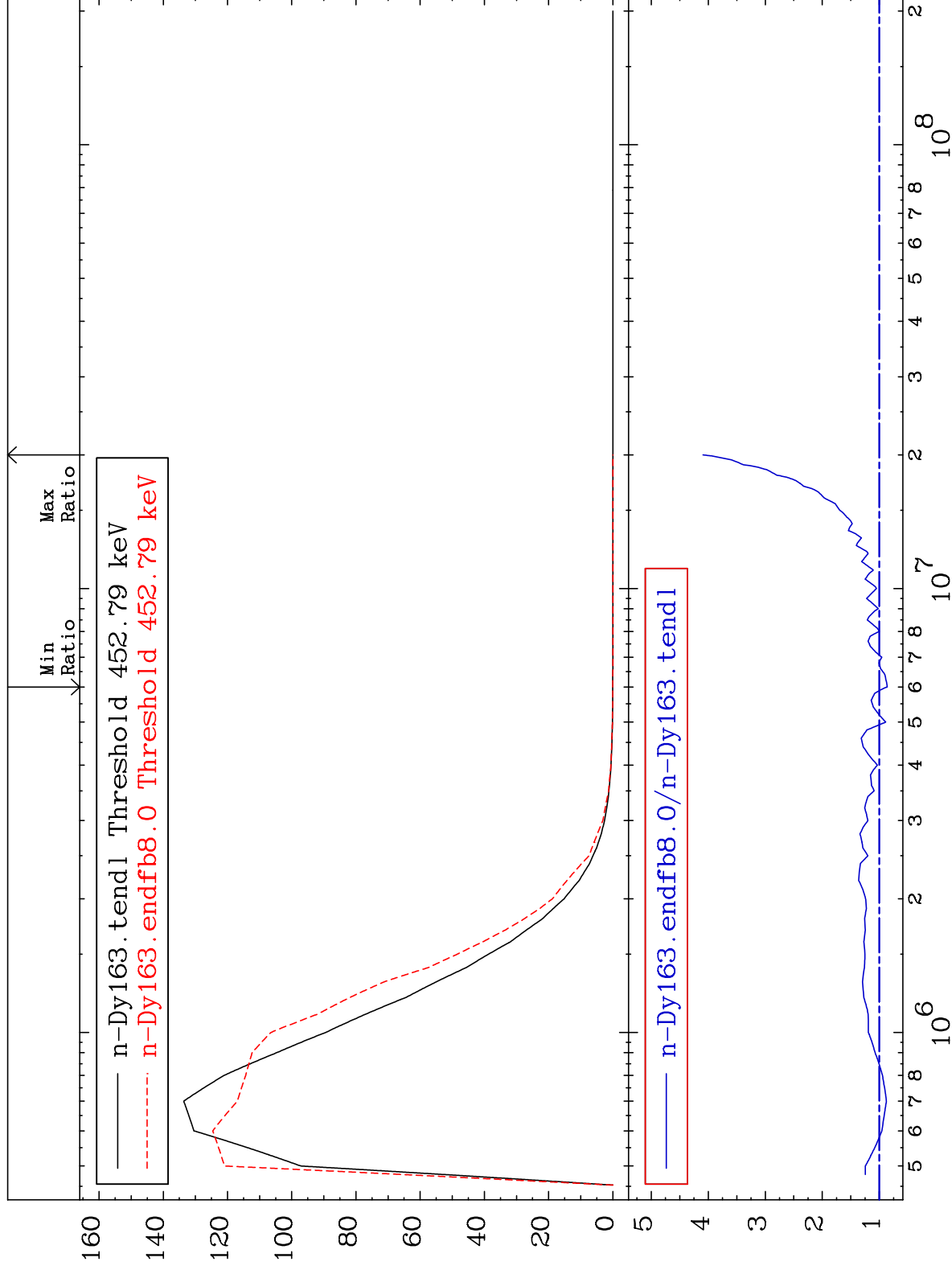
— n-Dy163.endfb8.0/n-Dy163.tendl

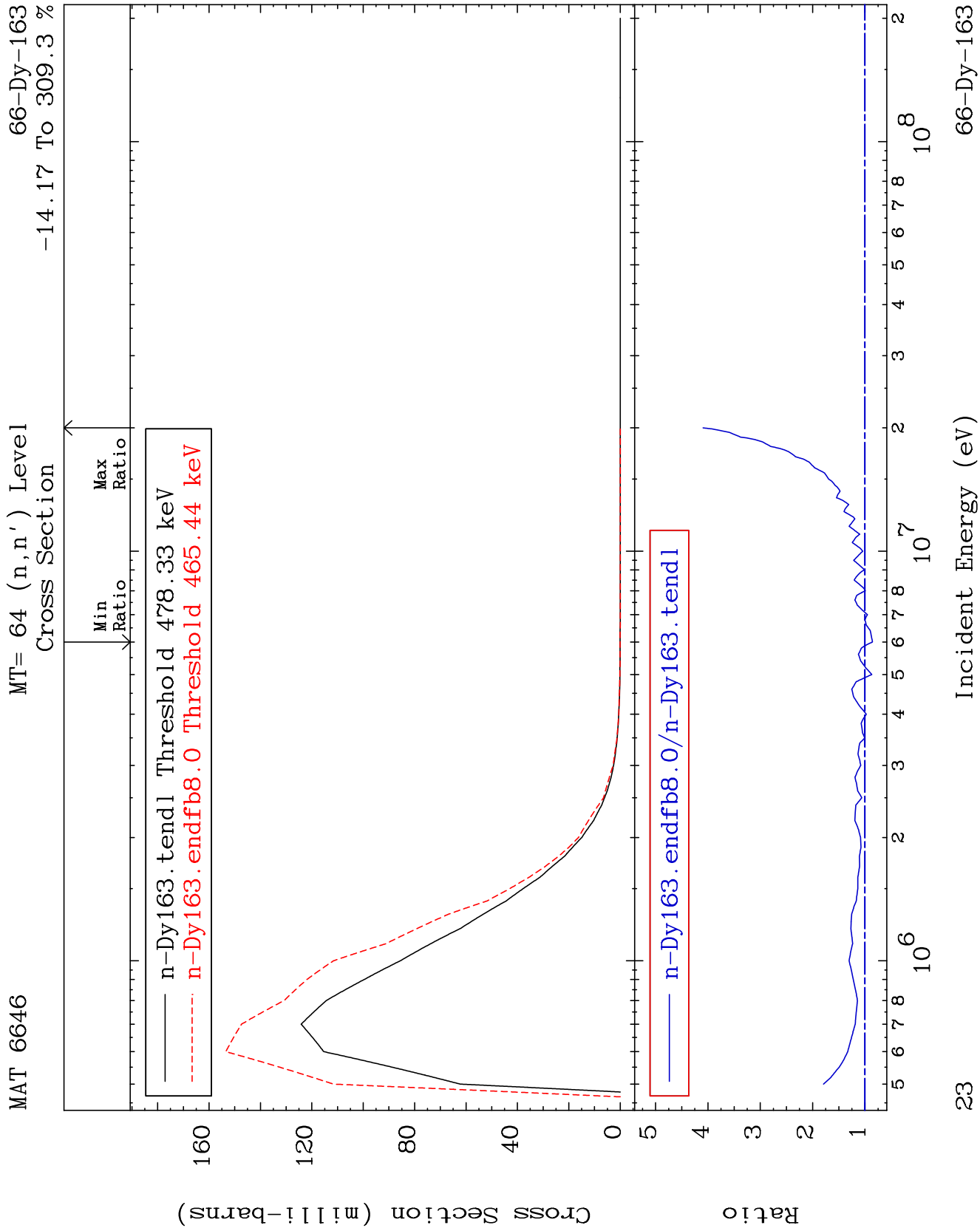
Ratio

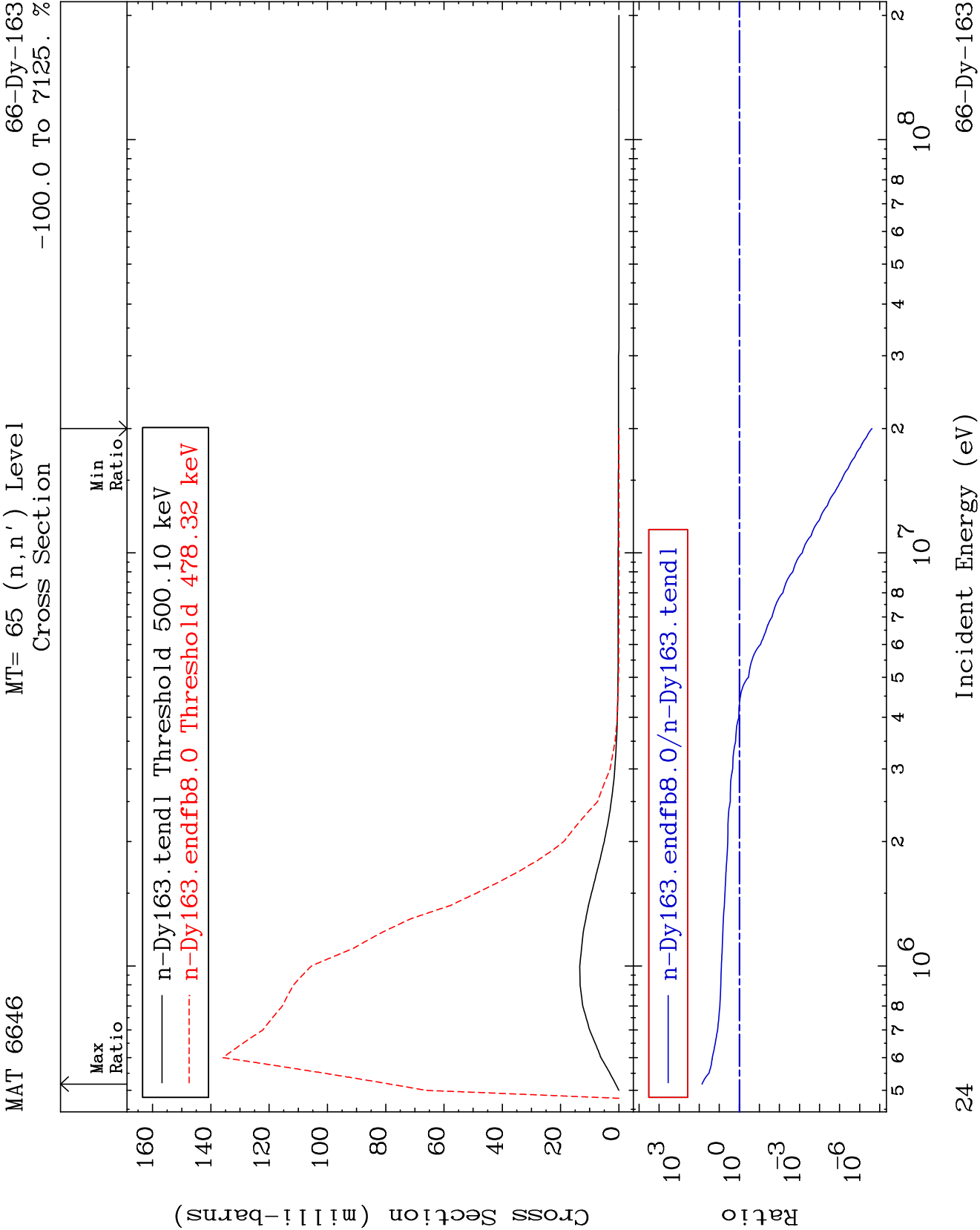
22

Incident Energy (eV)

66-Dy-163



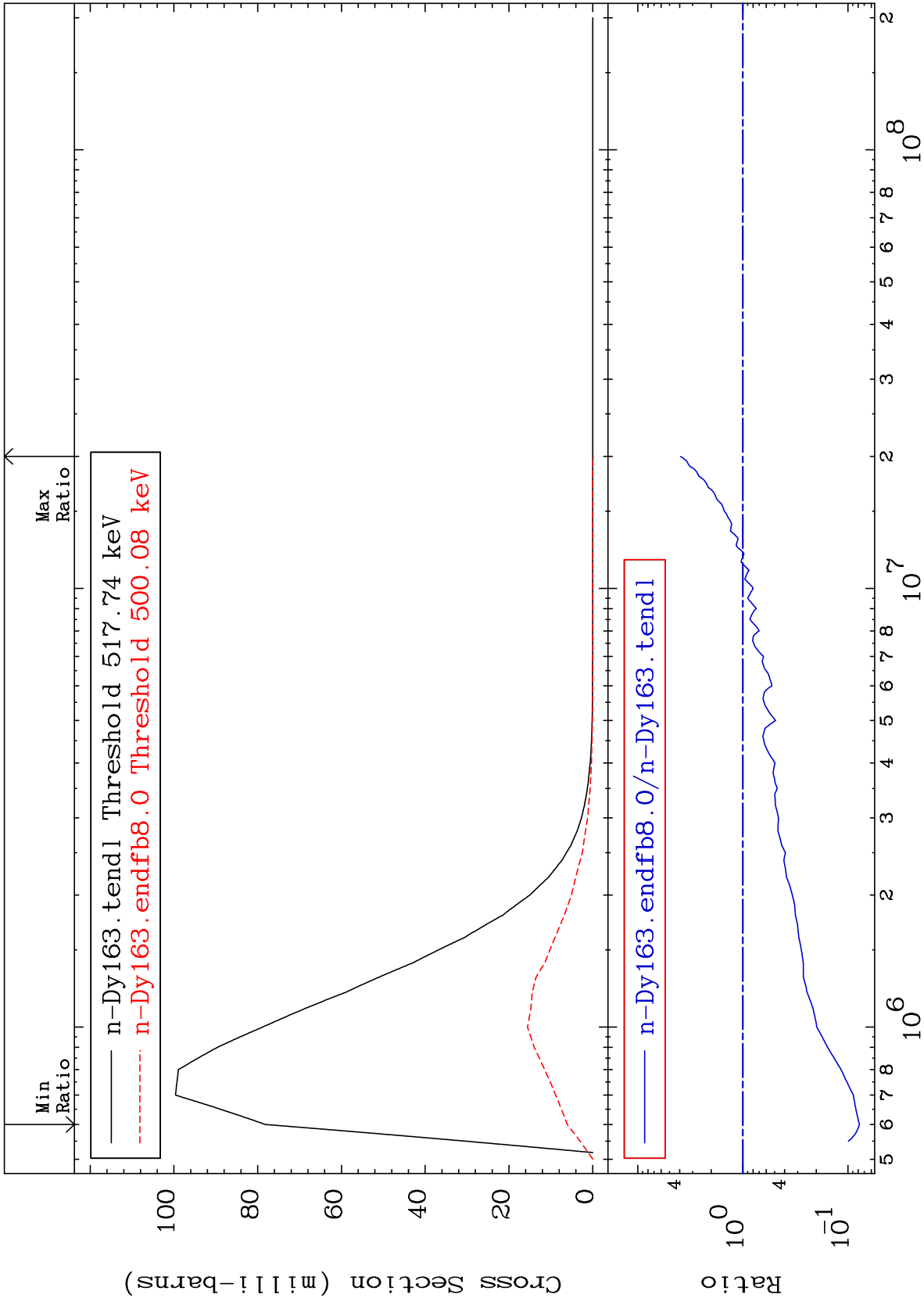




MAT 6646

MT= 66 (n,n') Level
Cross Section

66-Dy-163
-92.23 To 293.3 %



25

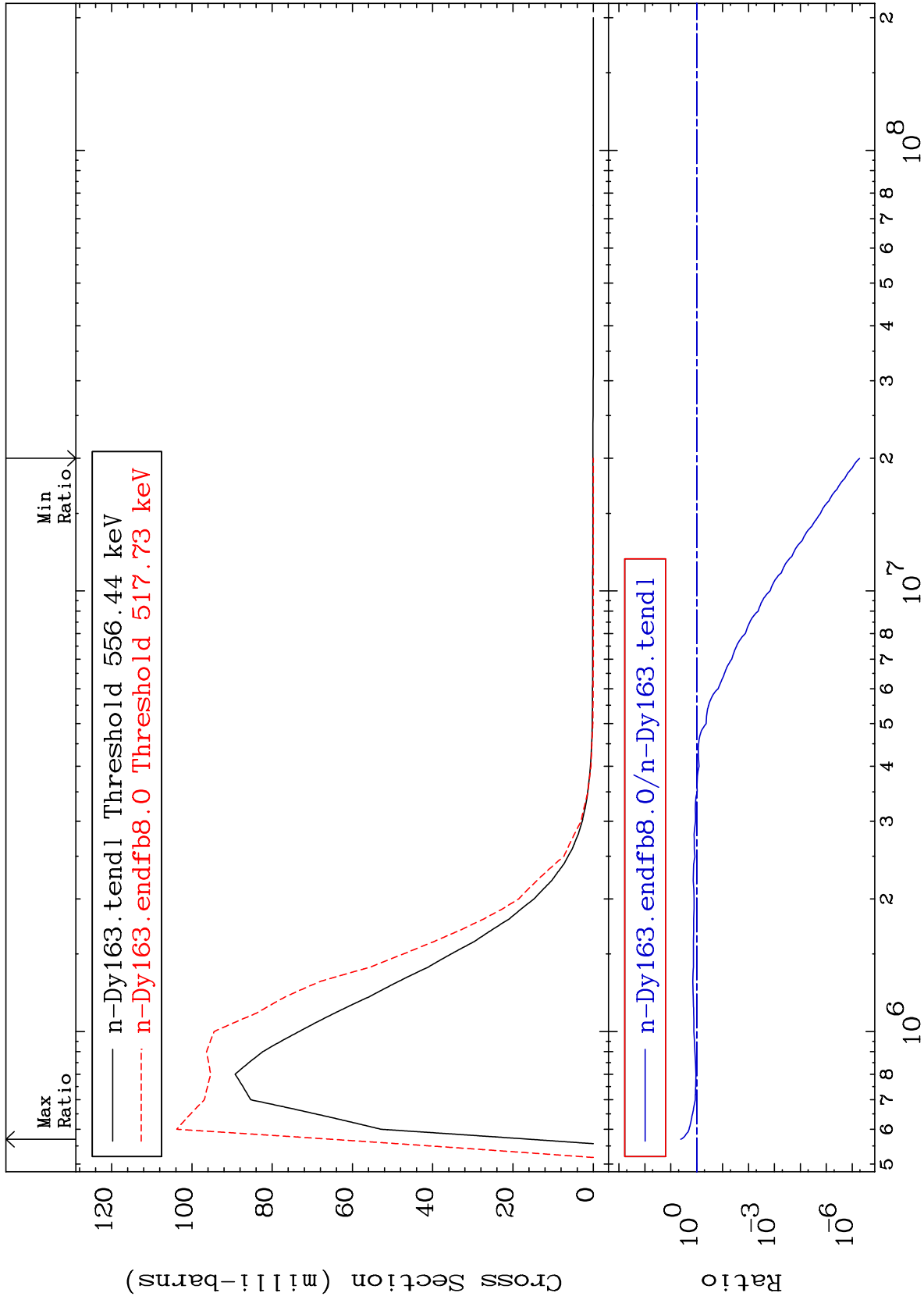
Incident Energy (eV)

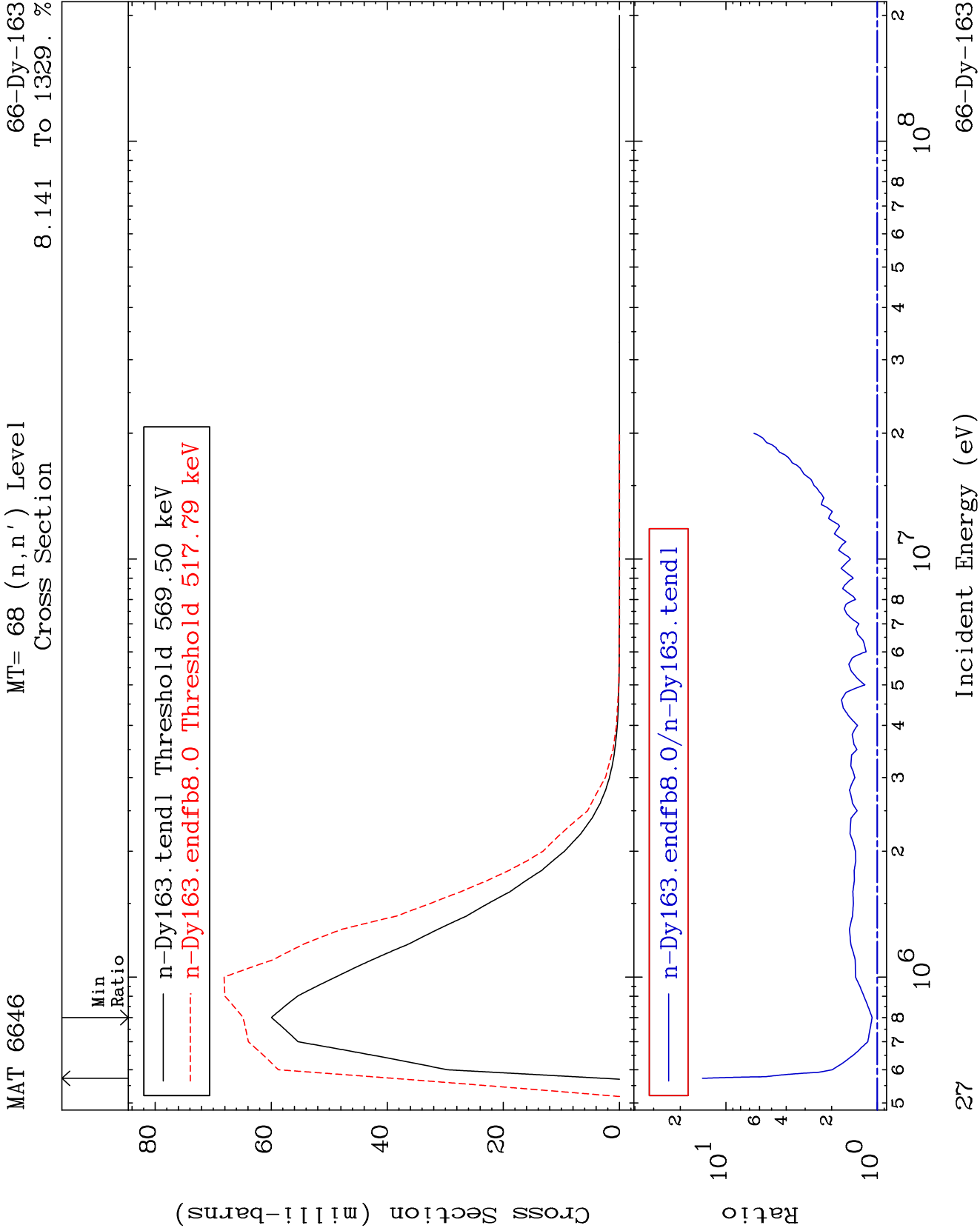
66-Dy-163

MAT 6646

MT= 67 (n,n') Level
Cross Section

66-Dy-163
-100.0 To 311.8 %

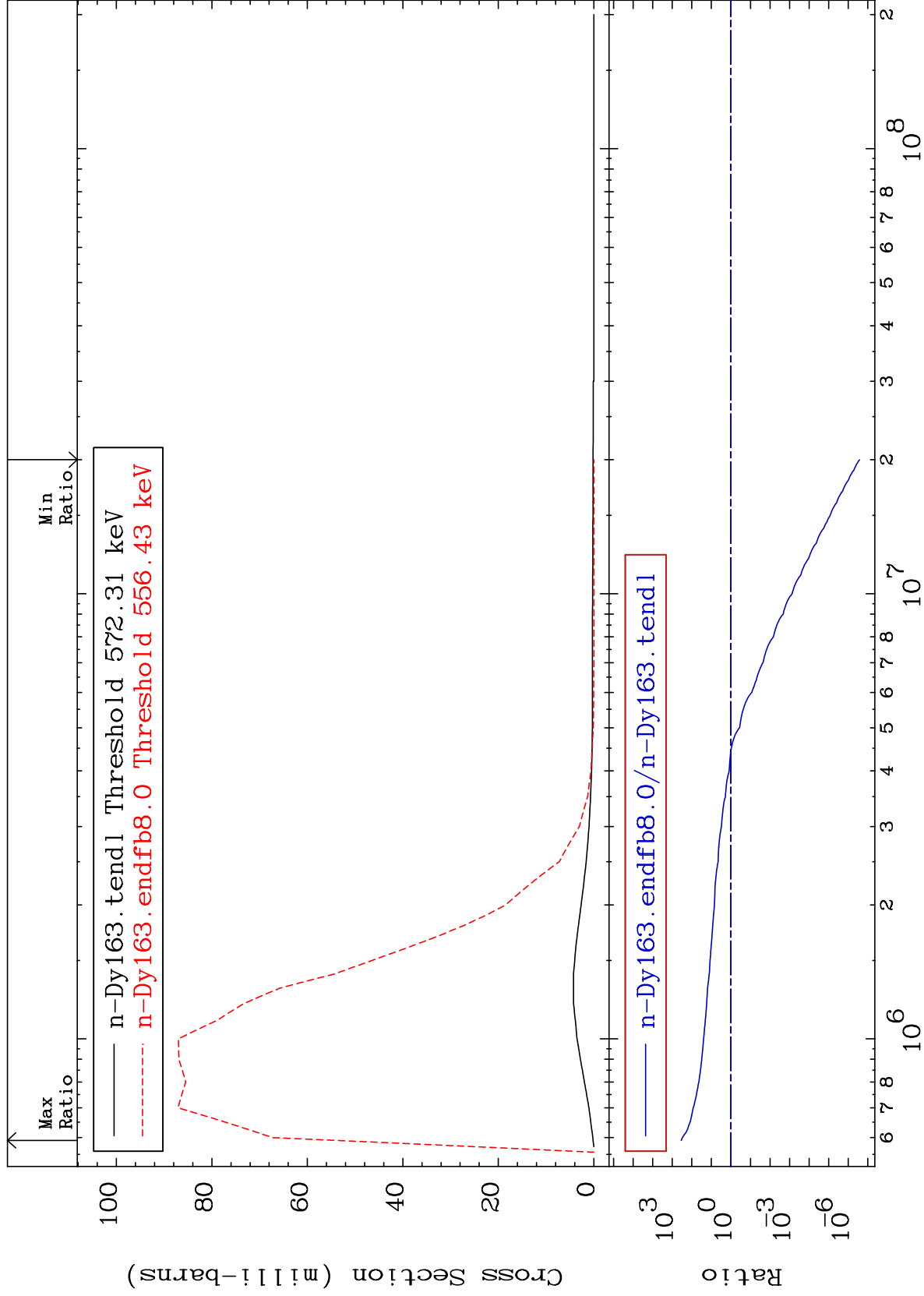




MAT 6646

MT= 69 (n,n') Level
Cross Section

66-Dy-163
-100.0 To 9999. %



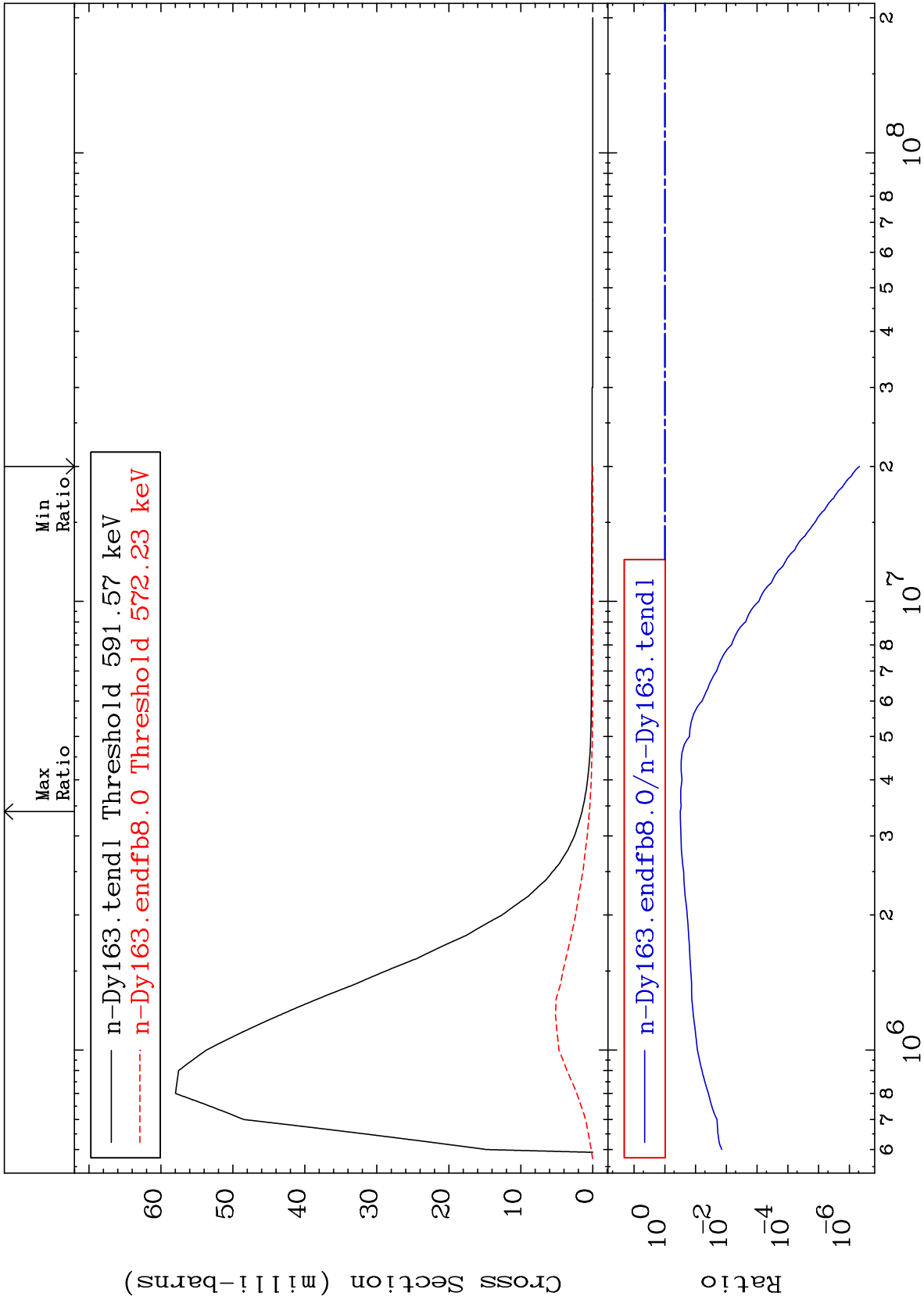
MAT 6646

MT= 70 (n,n') Level

66-Dy-163

Cross Section

-100.0 To -68.70%



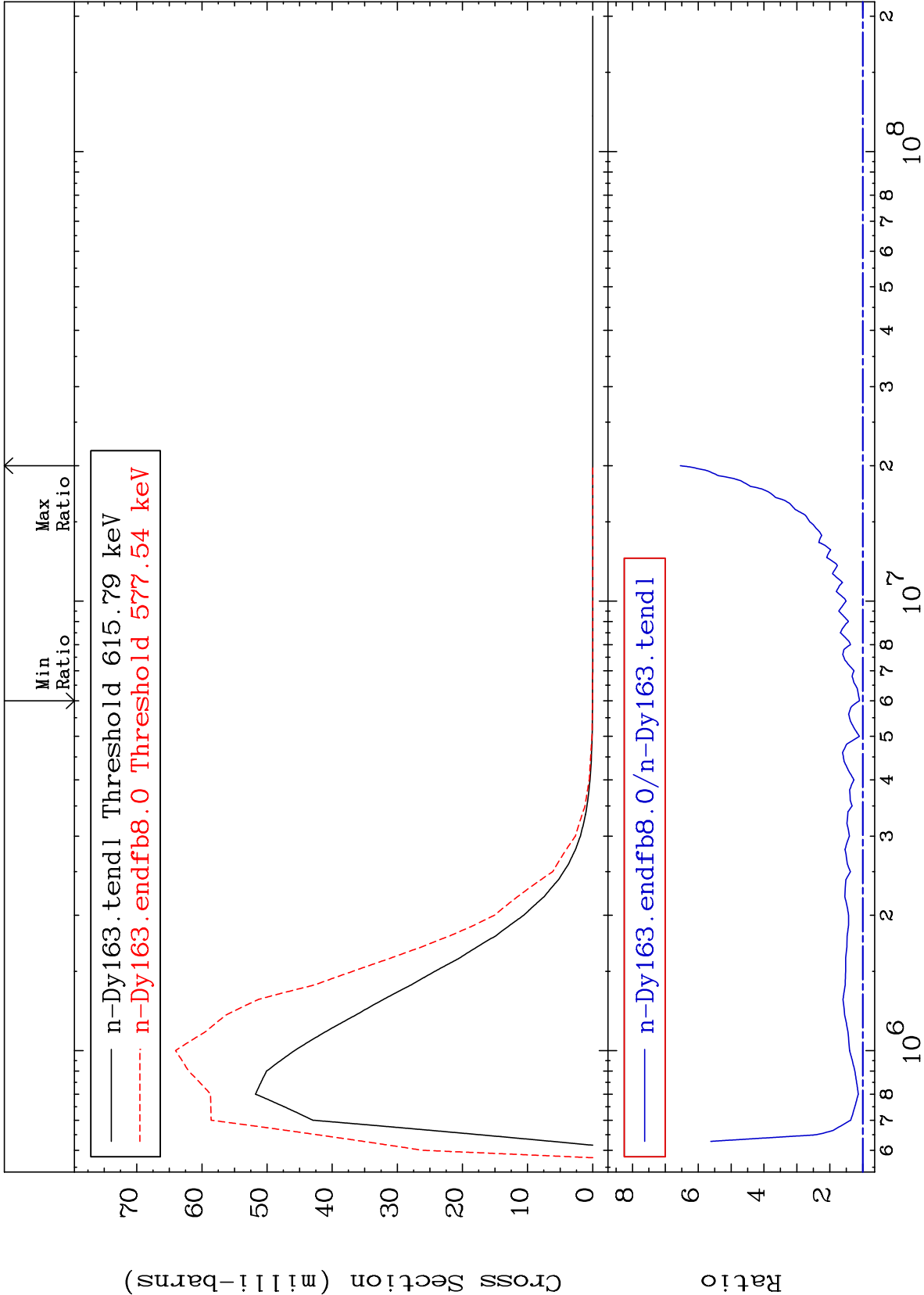
MAT 6646

MT= 71 (n,n') Level

66-Dy-163

9.906 To 554.4 %

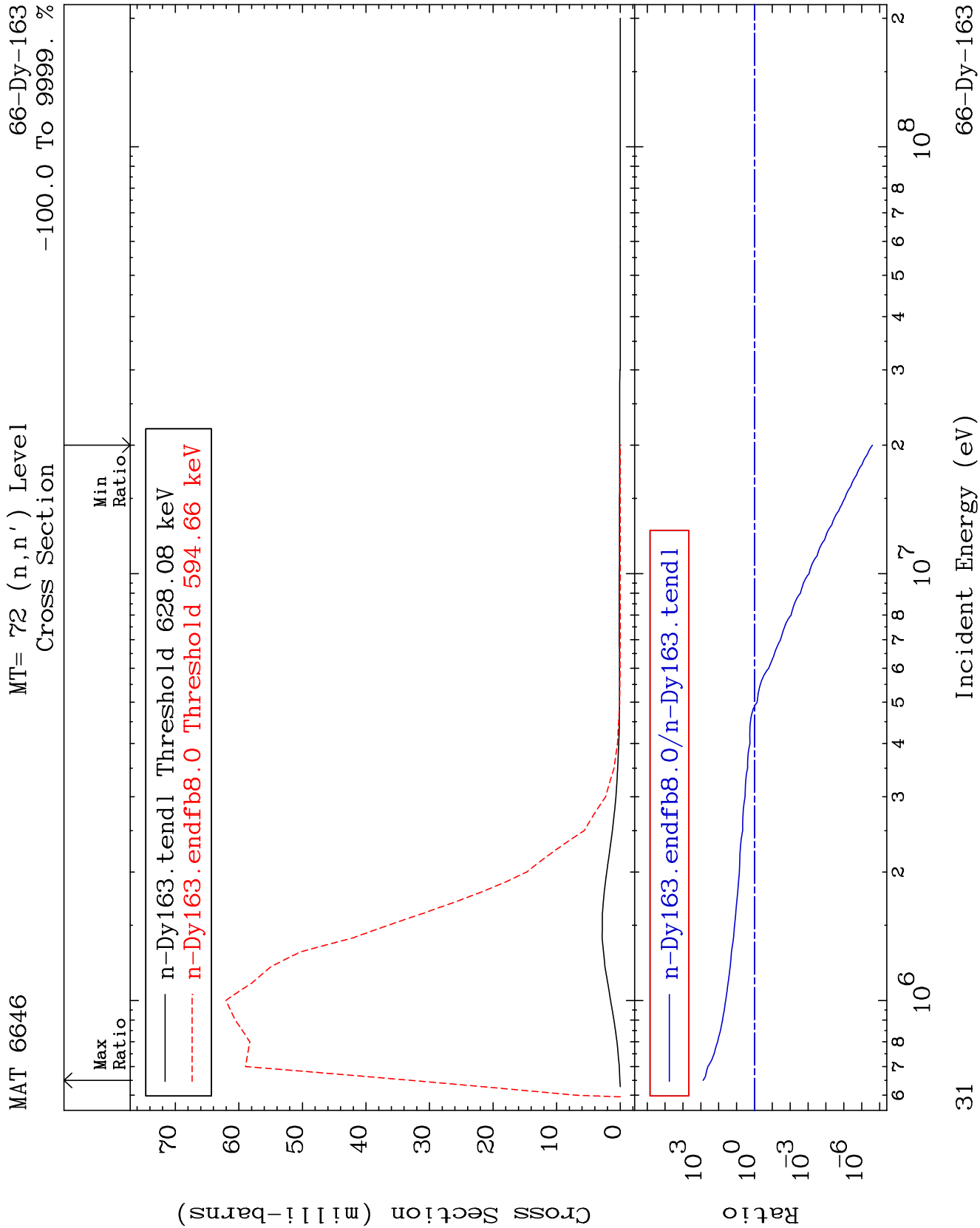
Cross Section



30

Incident Energy (eV)

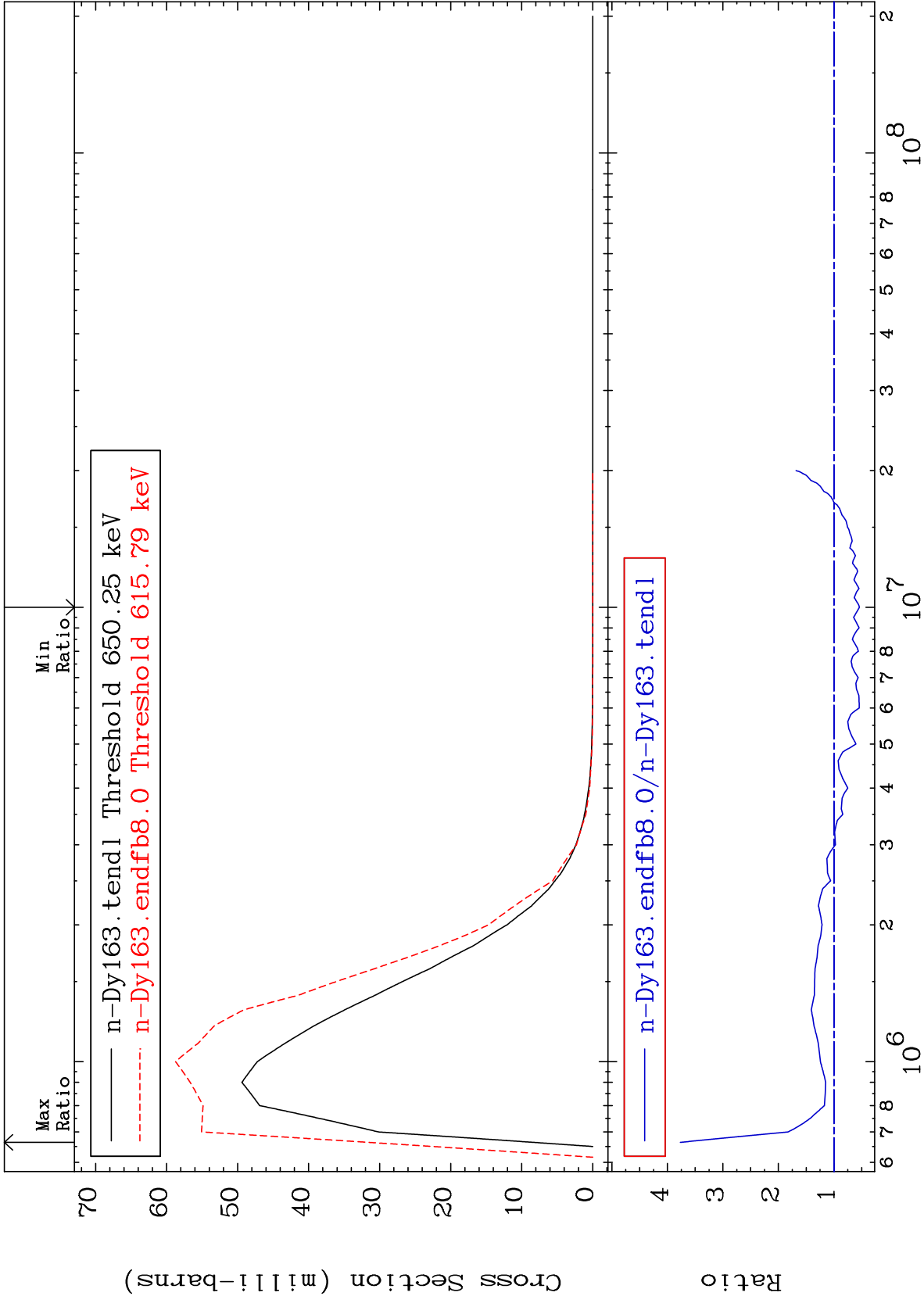
66-Dy-163



MAT 6646

MT= 73 (n,n') Level
Cross Section

66-Dy-163
-45.96 To 276.7 %



32

Incident Energy (eV)

66-Dy-163

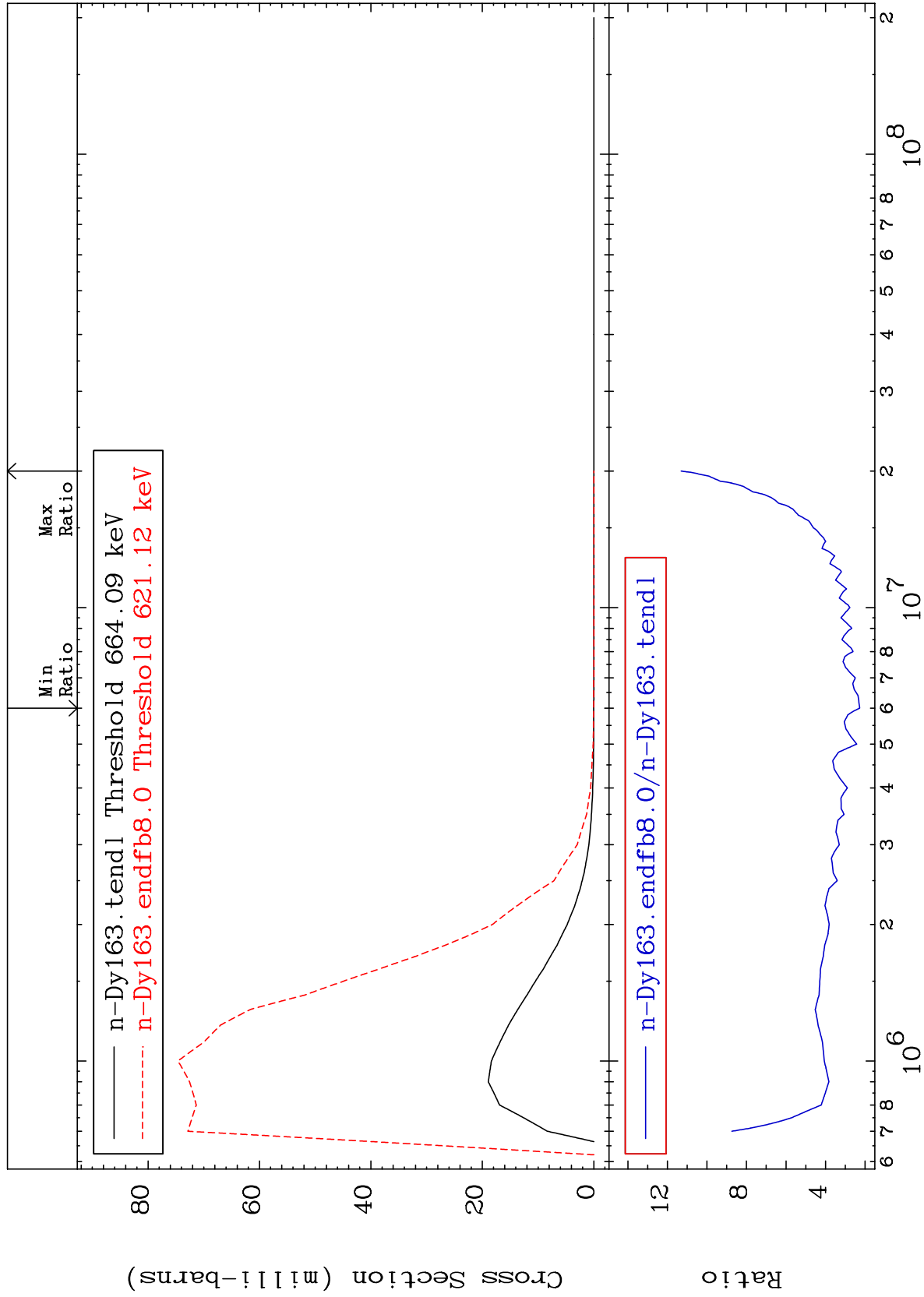
MAT 6646

MT= 74 (n,n') Level

66-Dy-163

127.2 To 1030. %

Cross Section



33

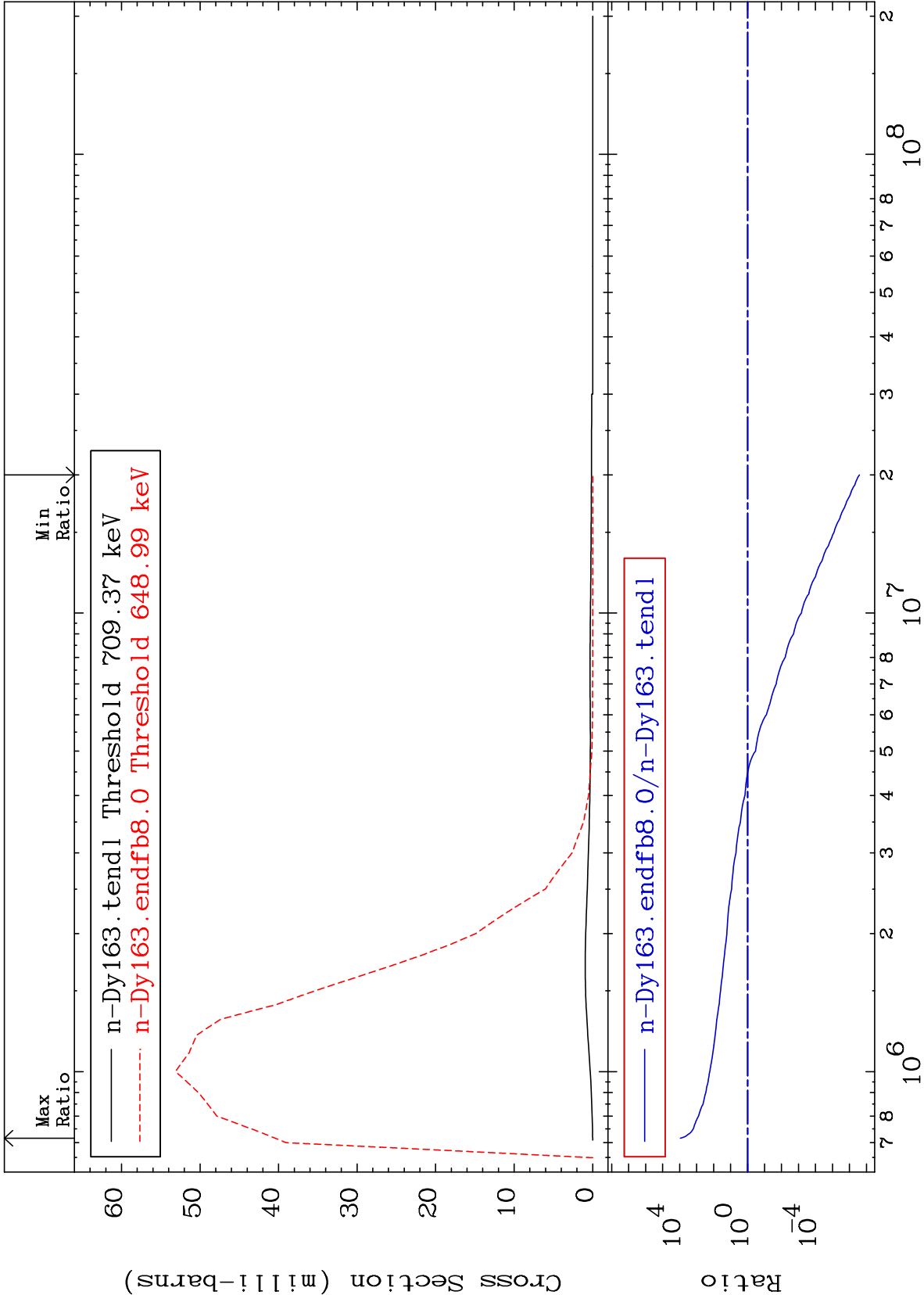
Incident Energy (eV)

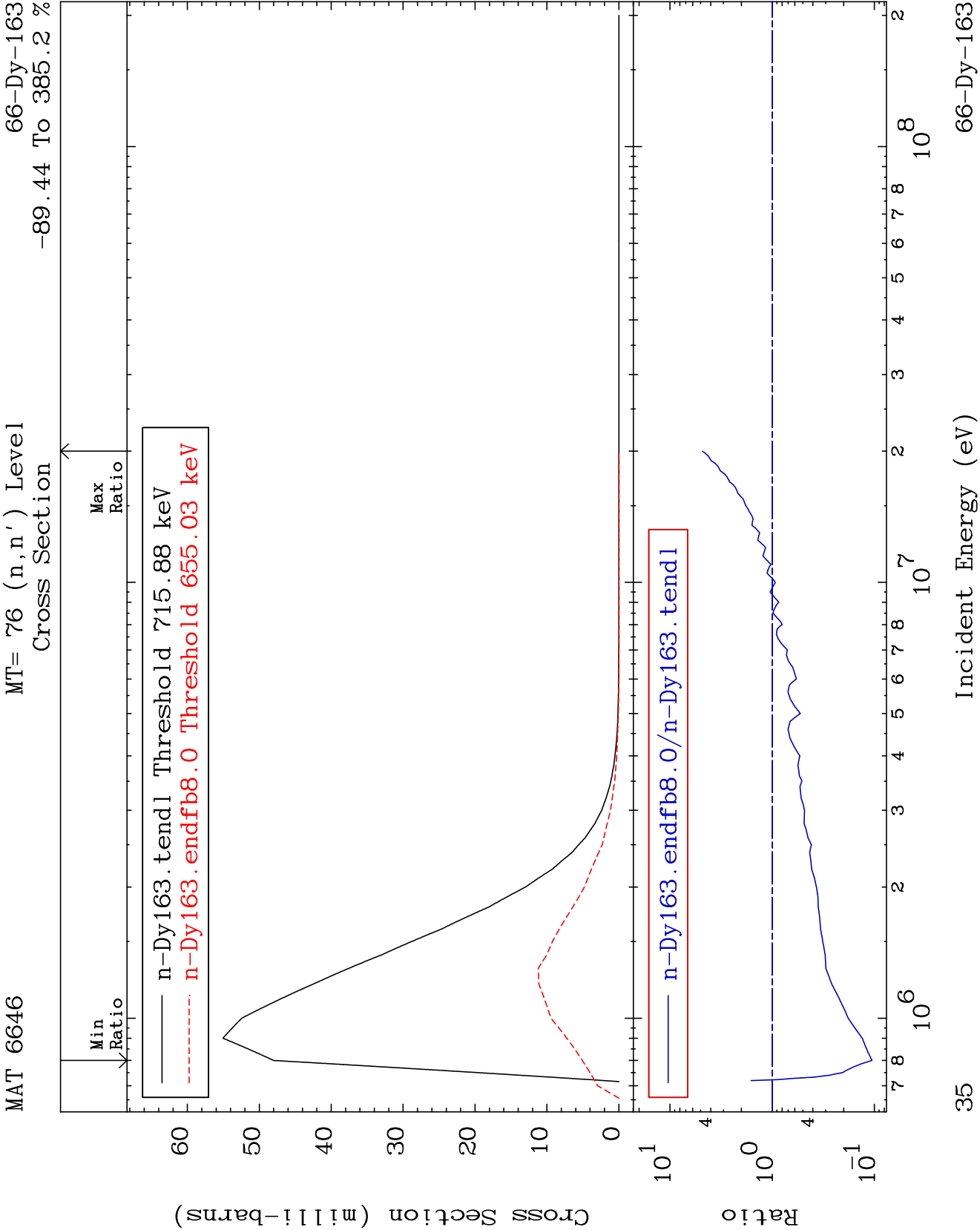
66-Dy-163

MAT 6646

MT= 75 (n,n') Level
Cross Section

66-Dy-163
-100.0 To 9999. %

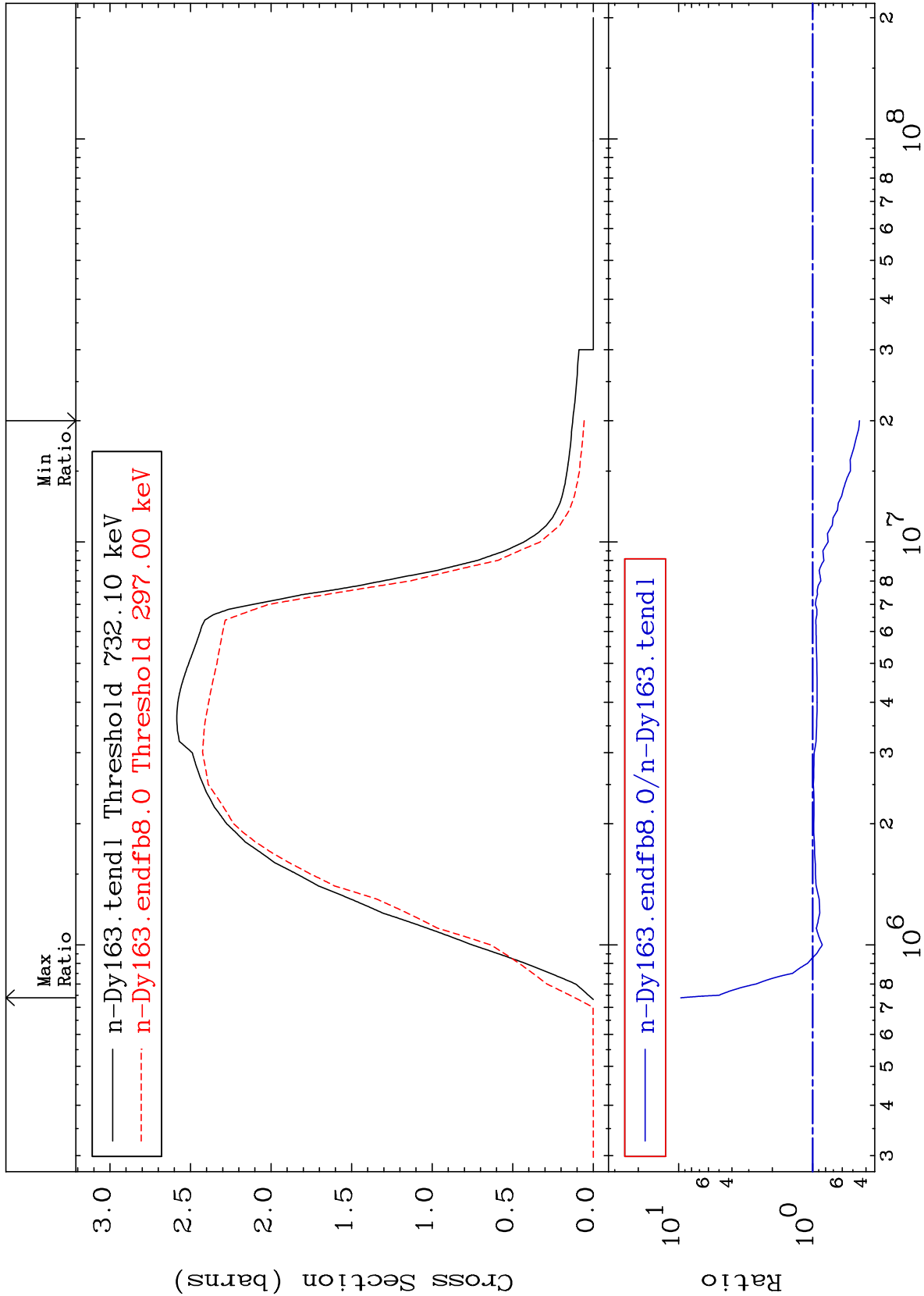


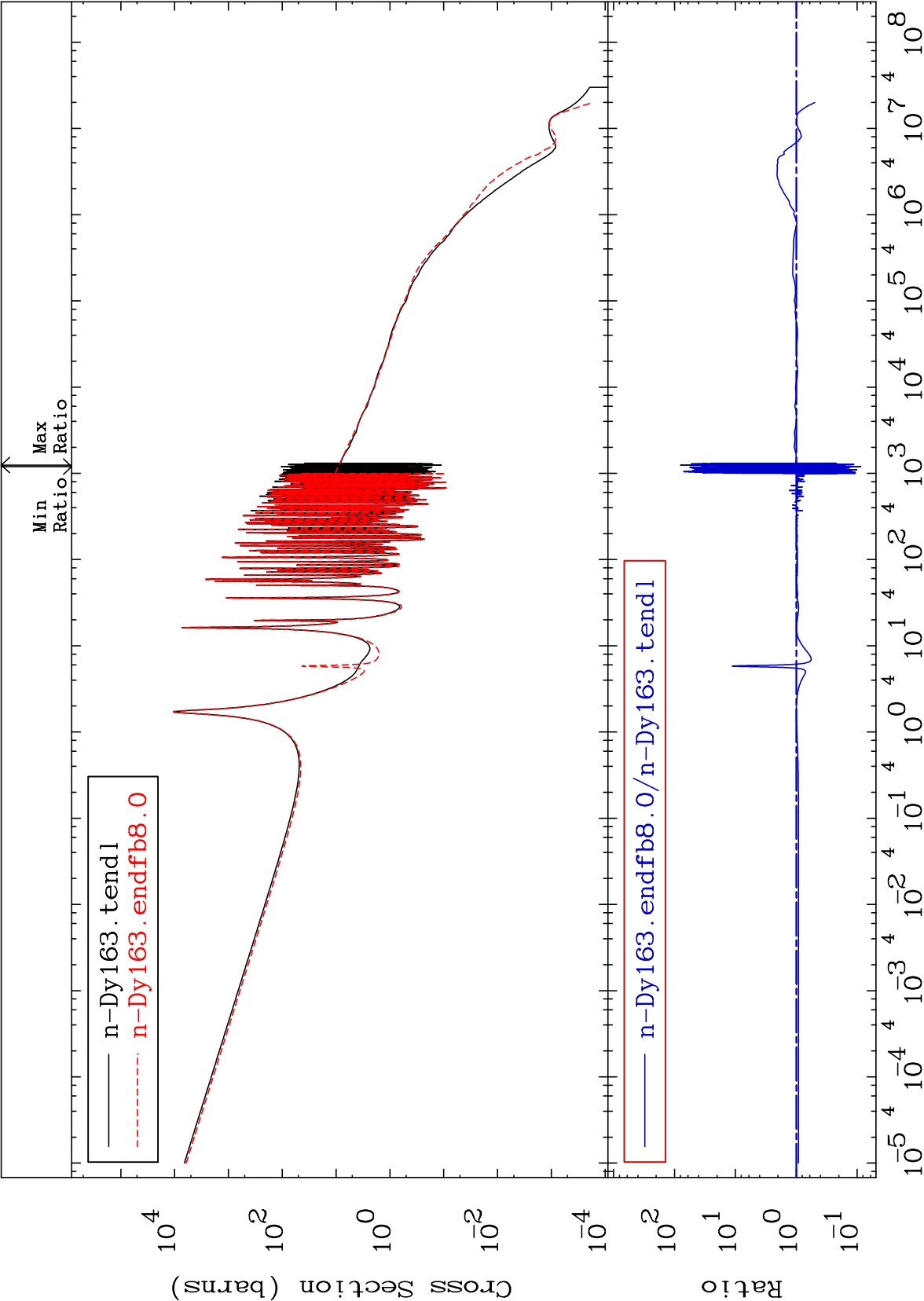


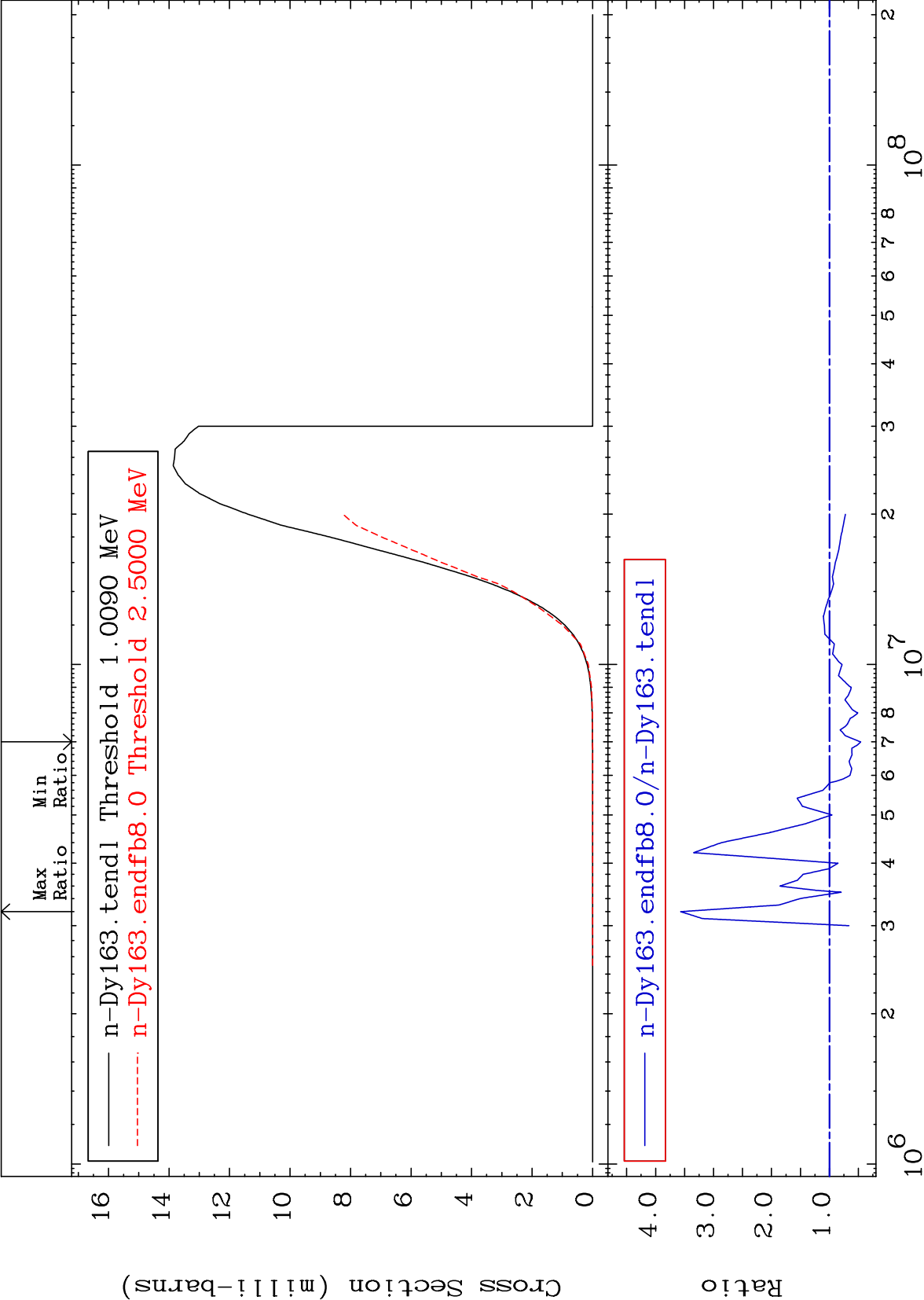
MAT 6646

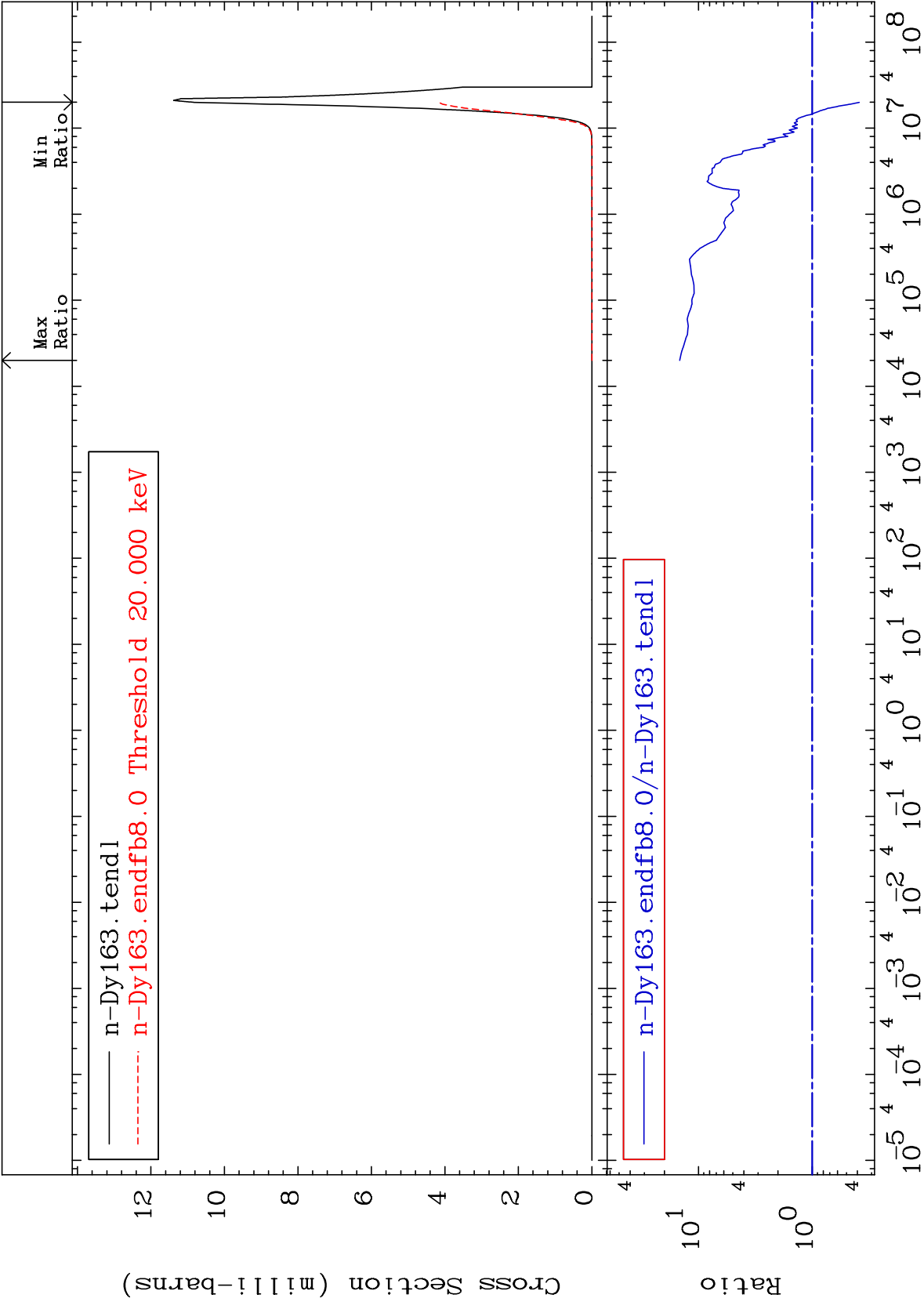
(n,n') Continuum
Cross Section

66-Dy-163
-55.37 To 864.4 %





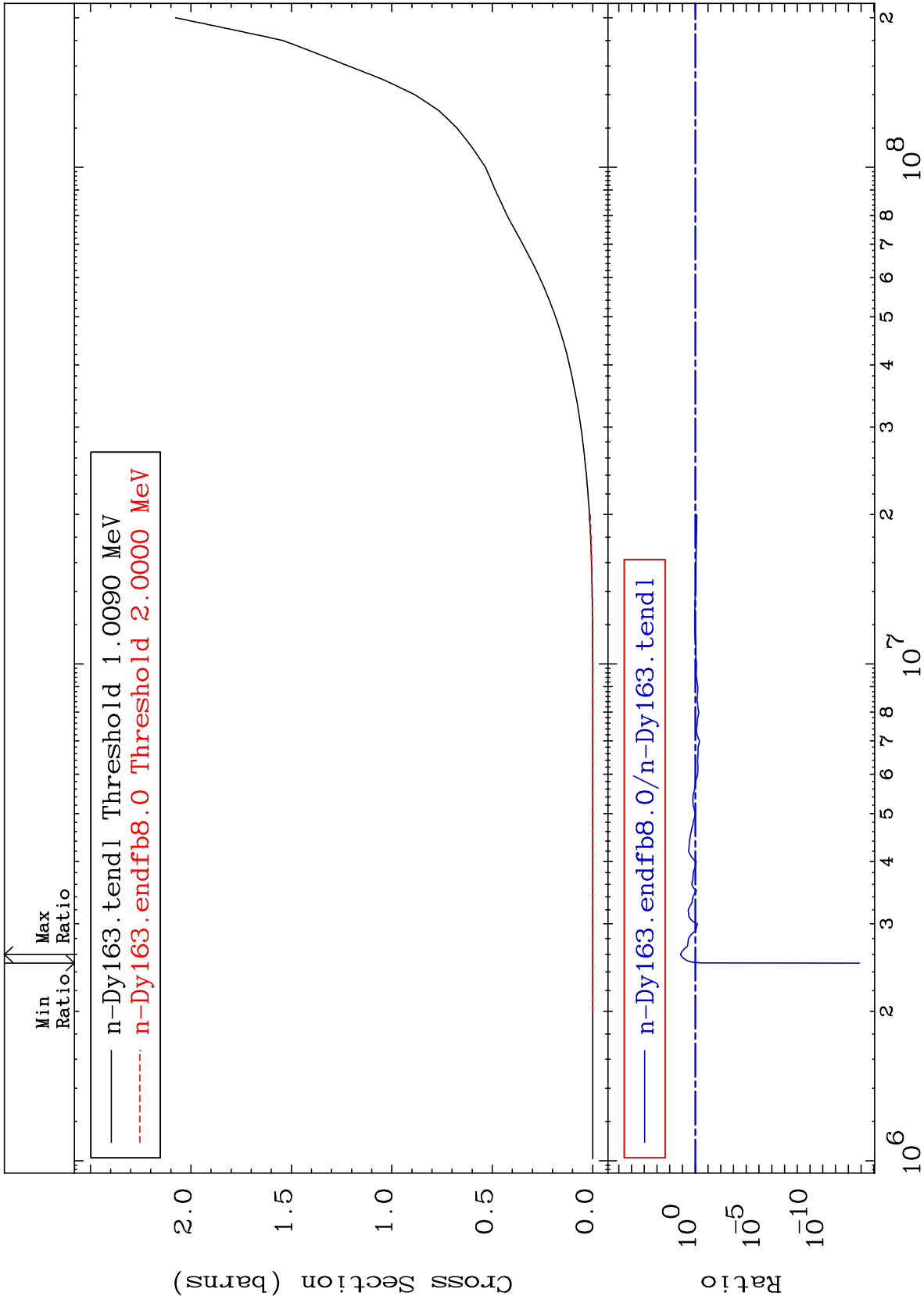




MAT 6646

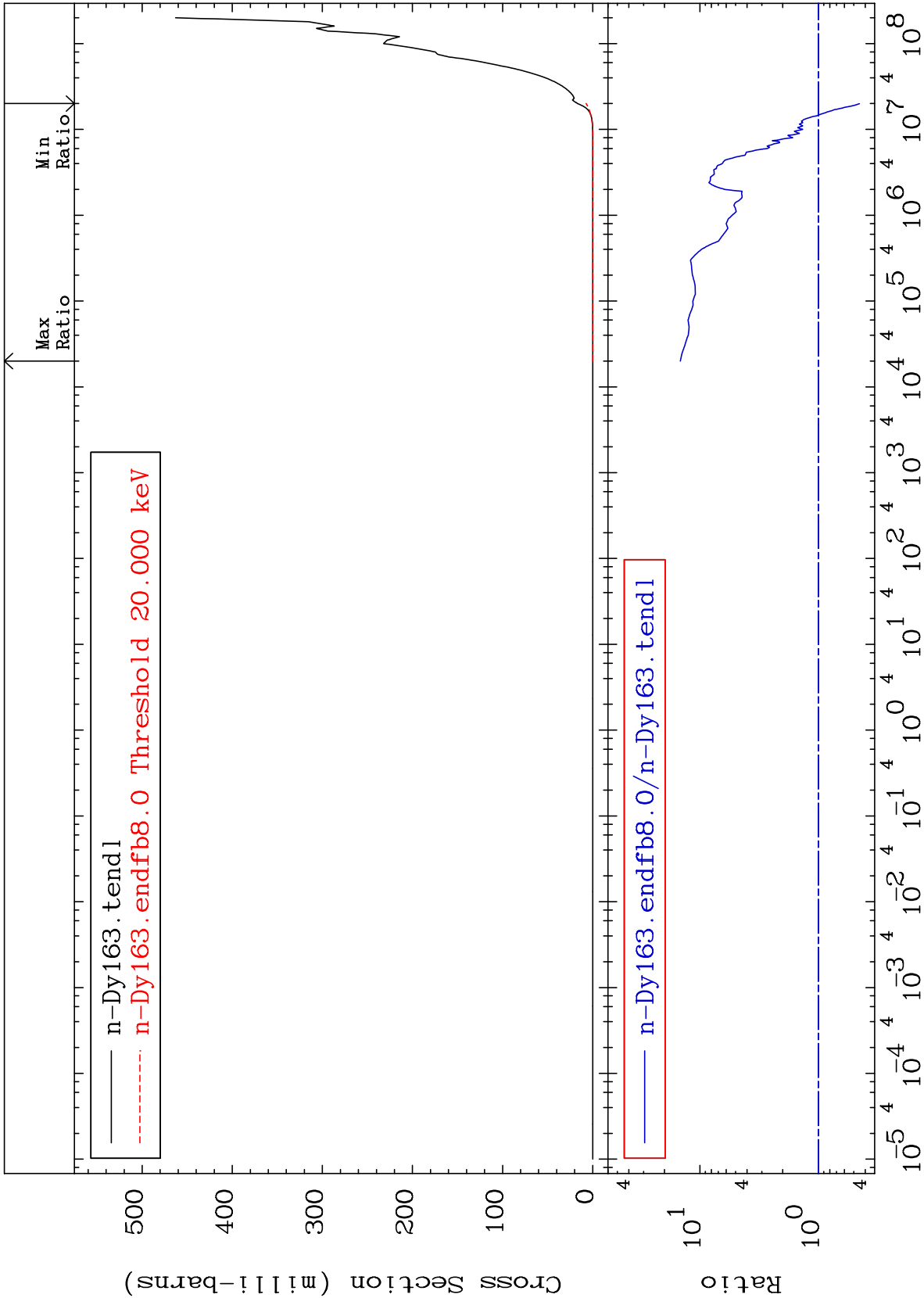
Hydrogen Production
Cross Section

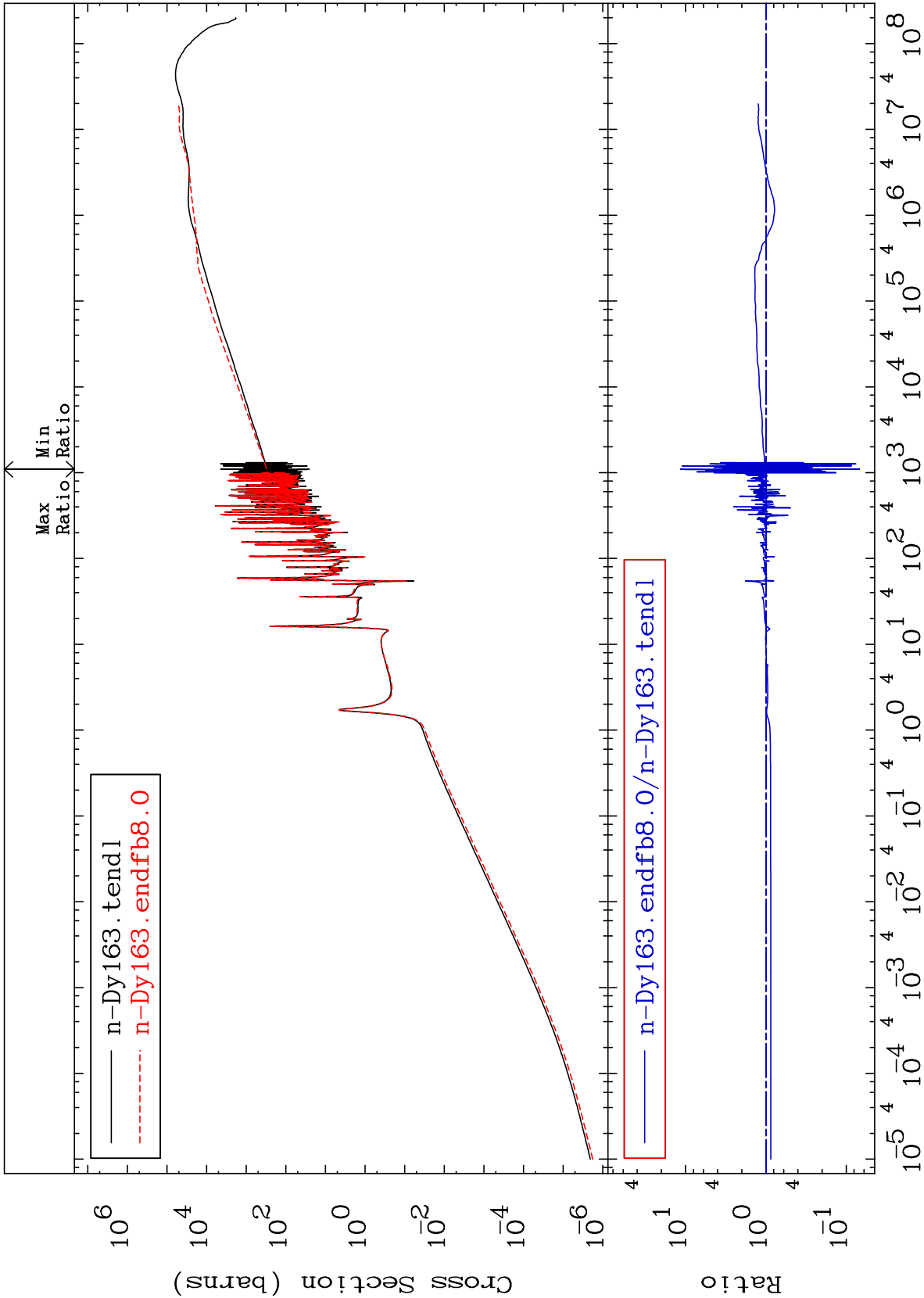
66-Dy-163
-100.0 To 1370. %



Incident Energy (eV)

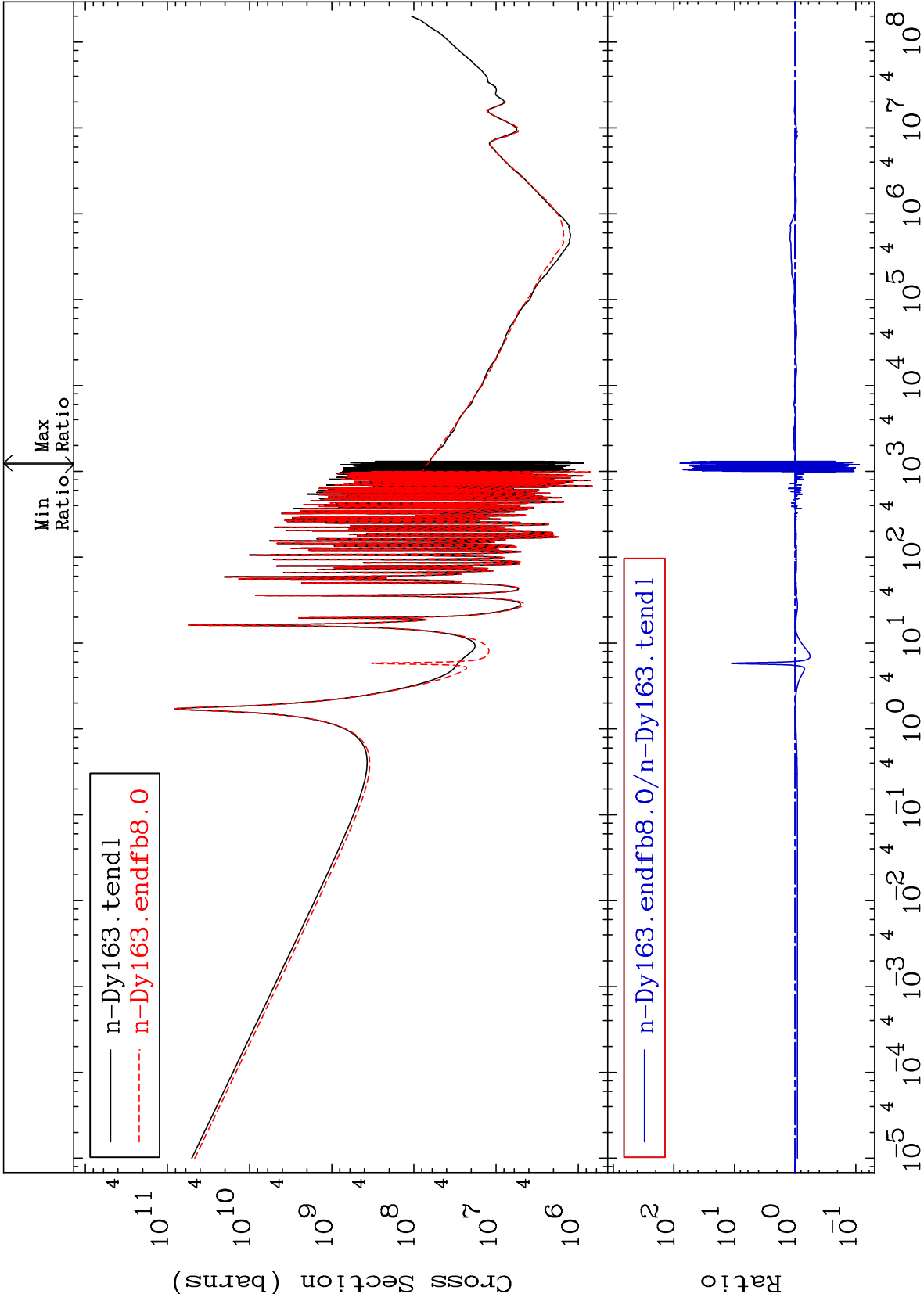
66-Dy-163





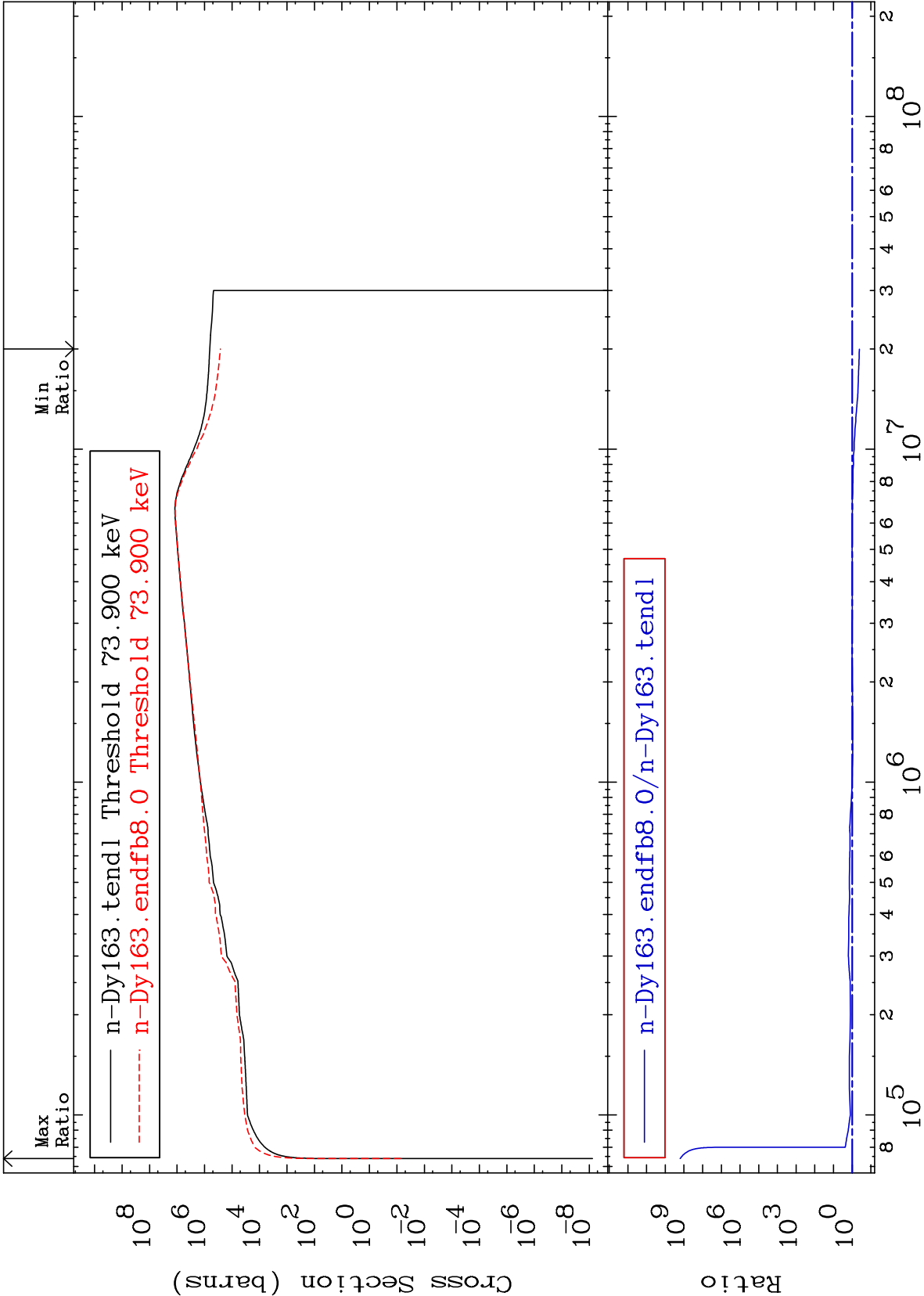
Cross Section

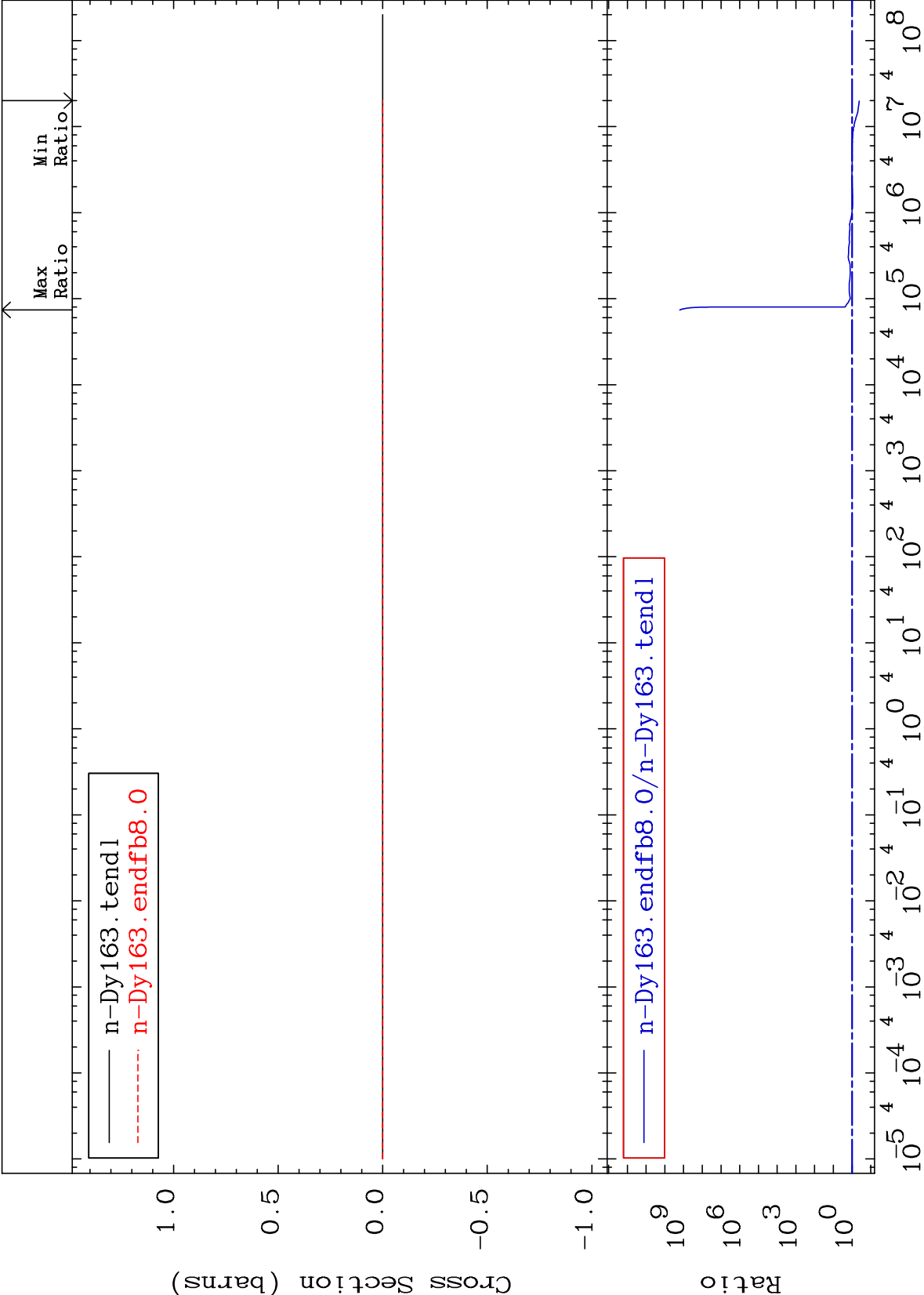
-91.29 To 7778. %

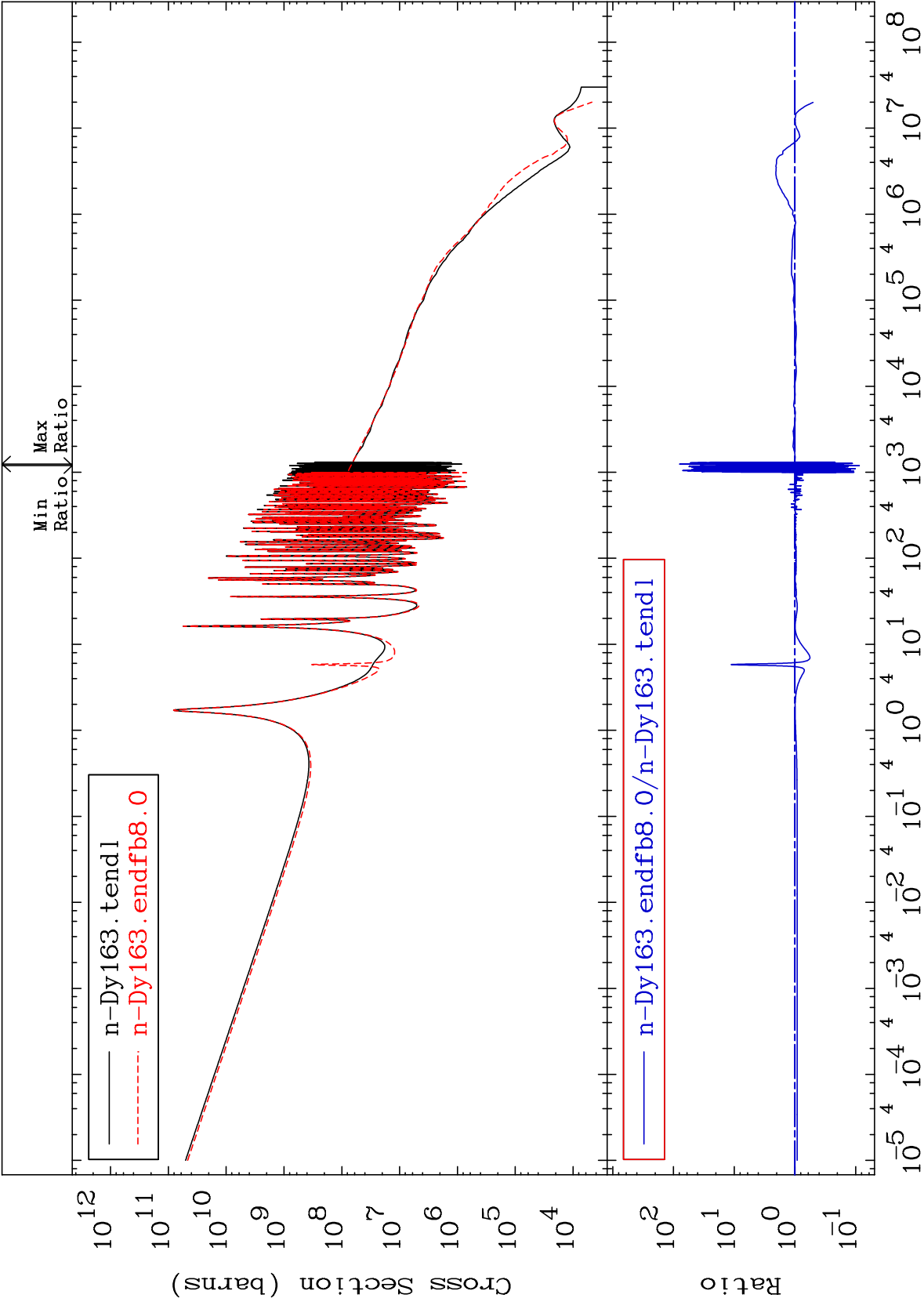


Cross Section

-58.79 To 9999. %

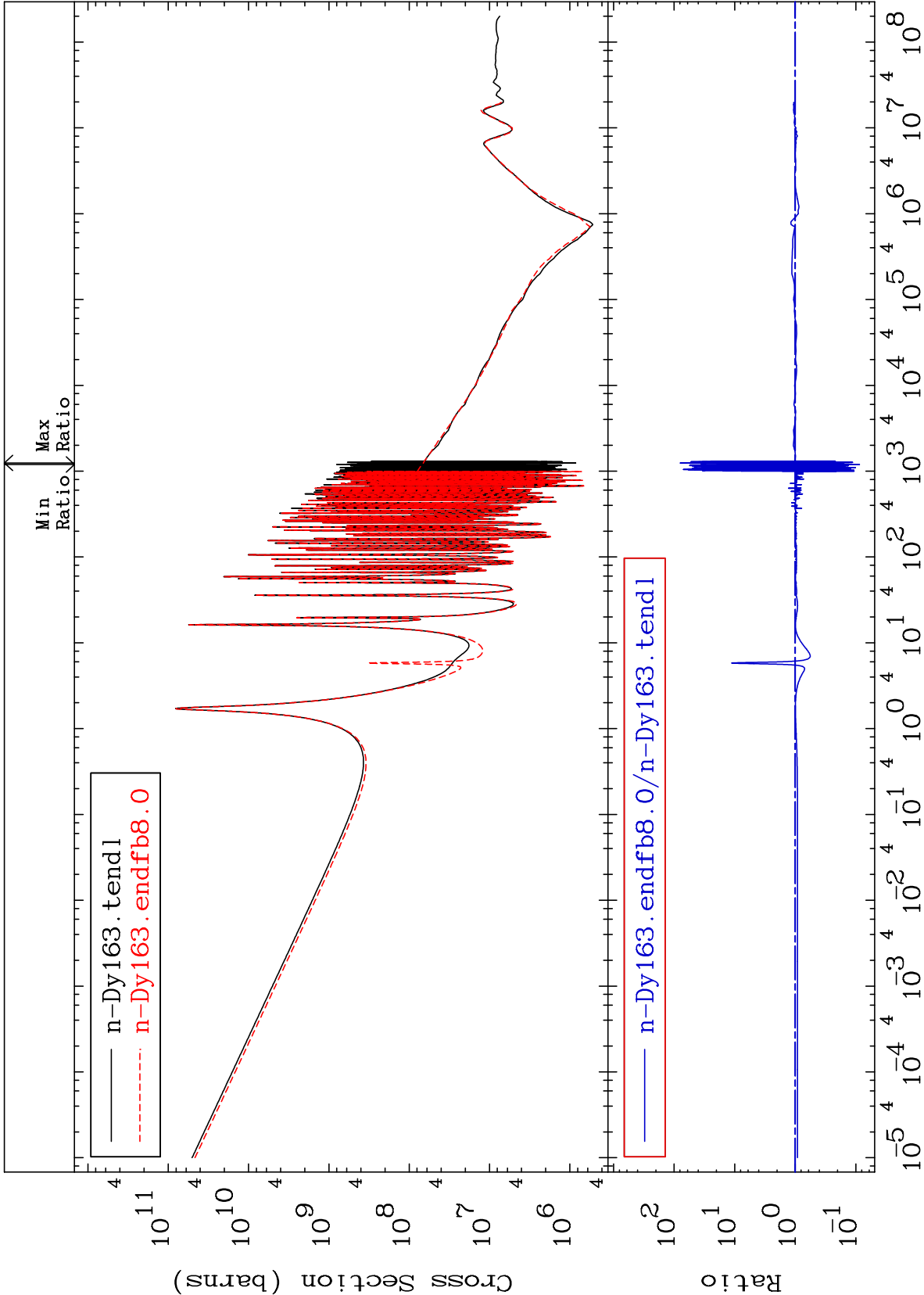


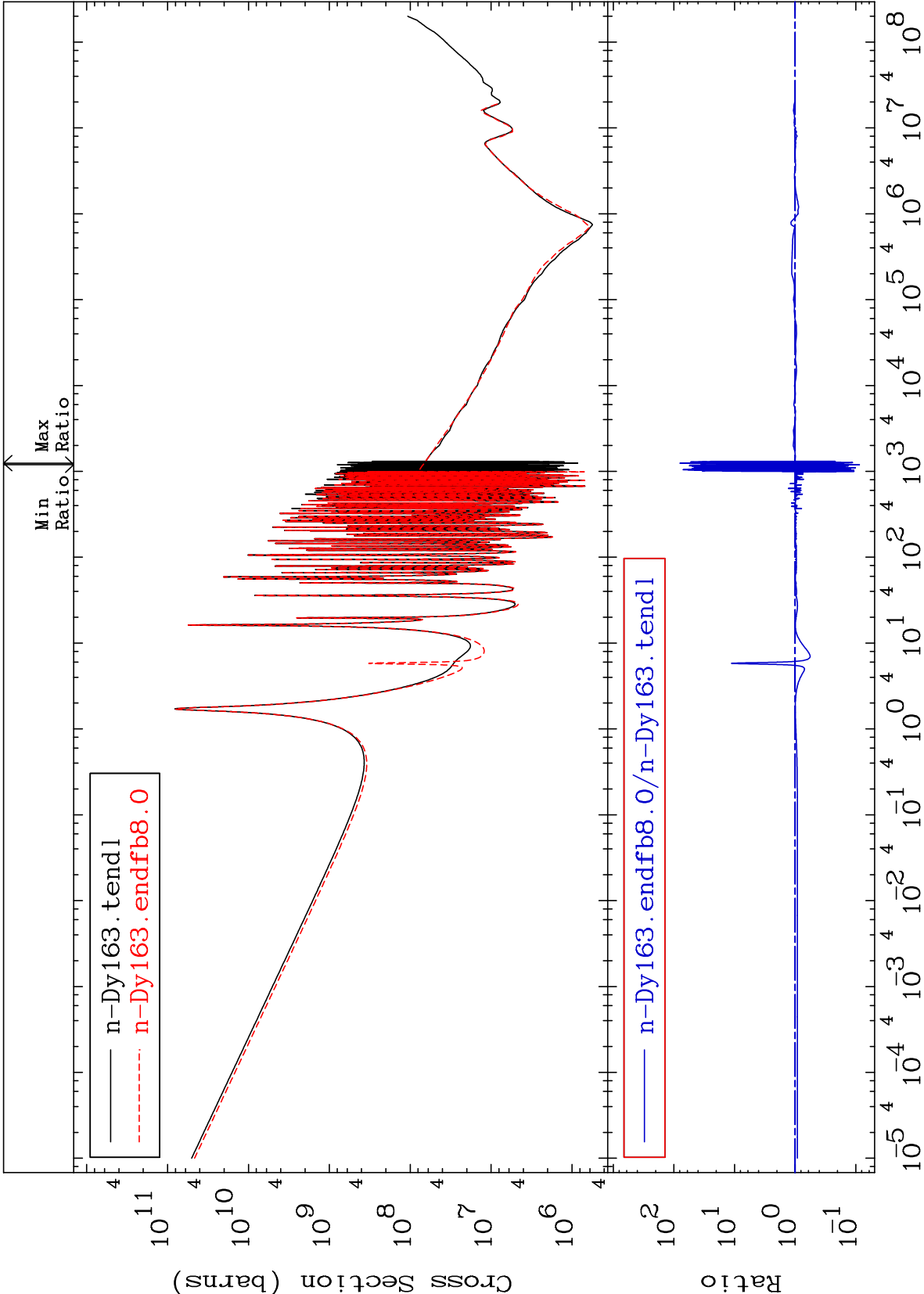




Cross Section

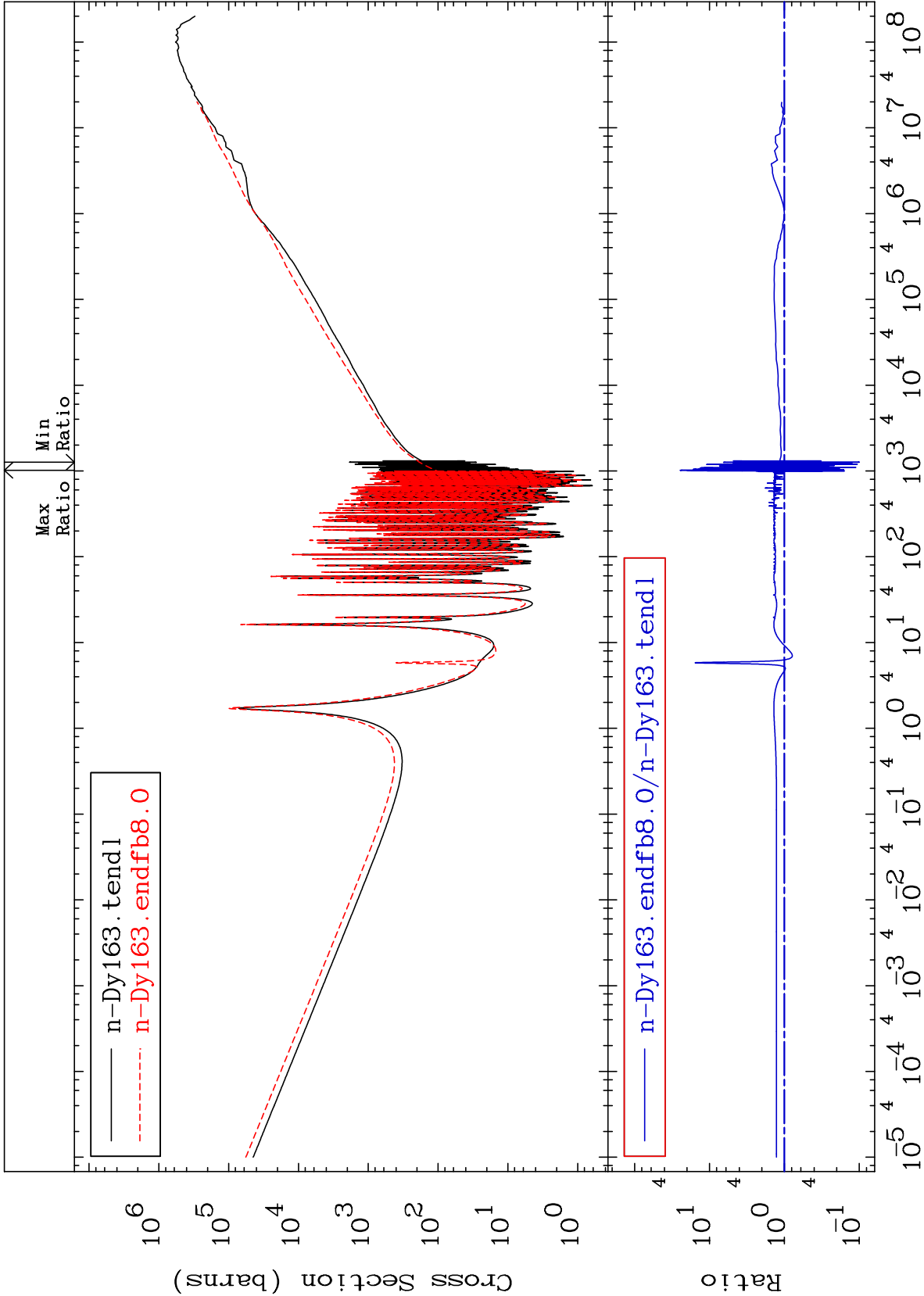
-91.29 To 7778. %





Cross Section

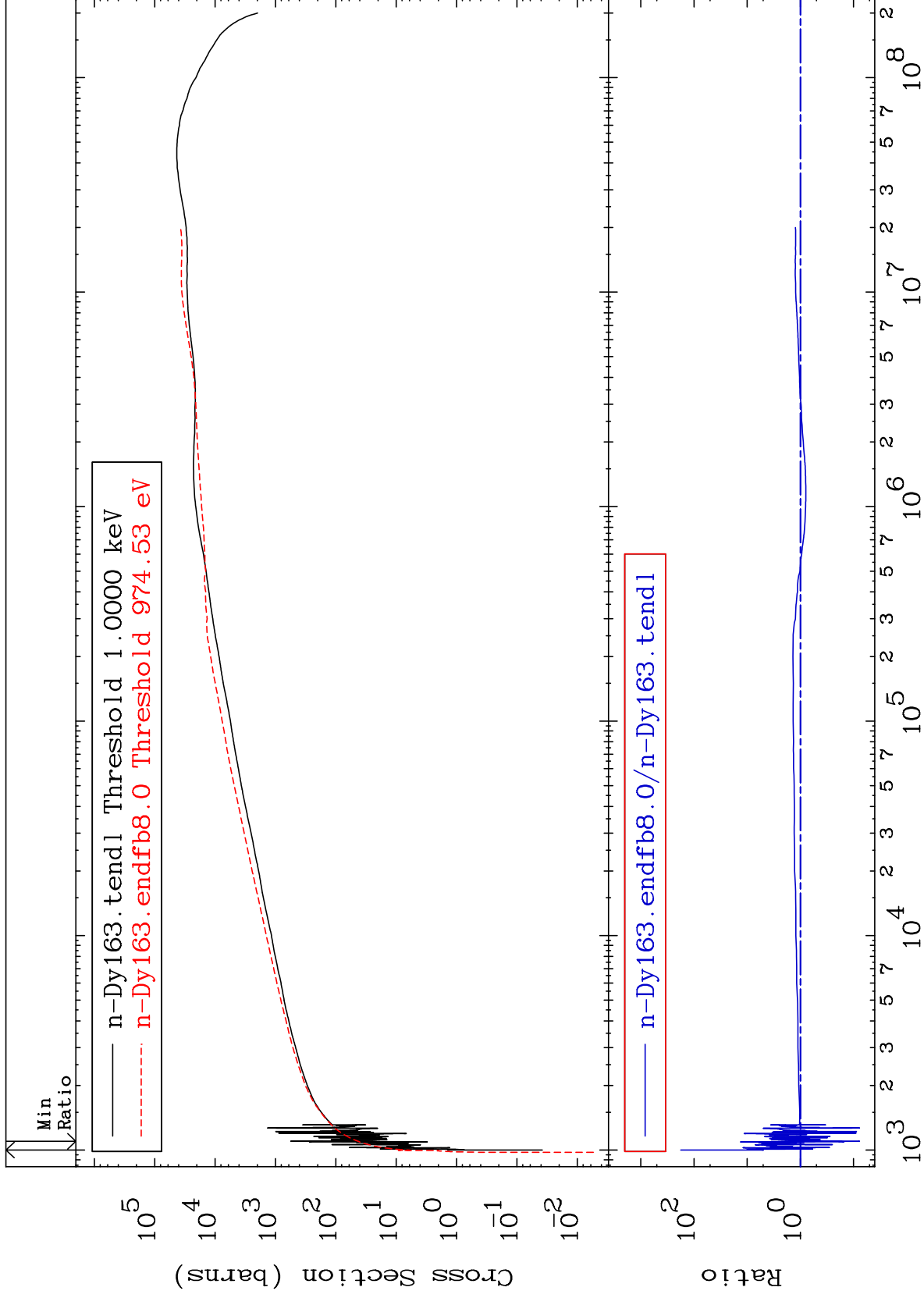
-90.08 To 2346. %



MAT 6646

Dpa elastic (mt2)
Cross Section

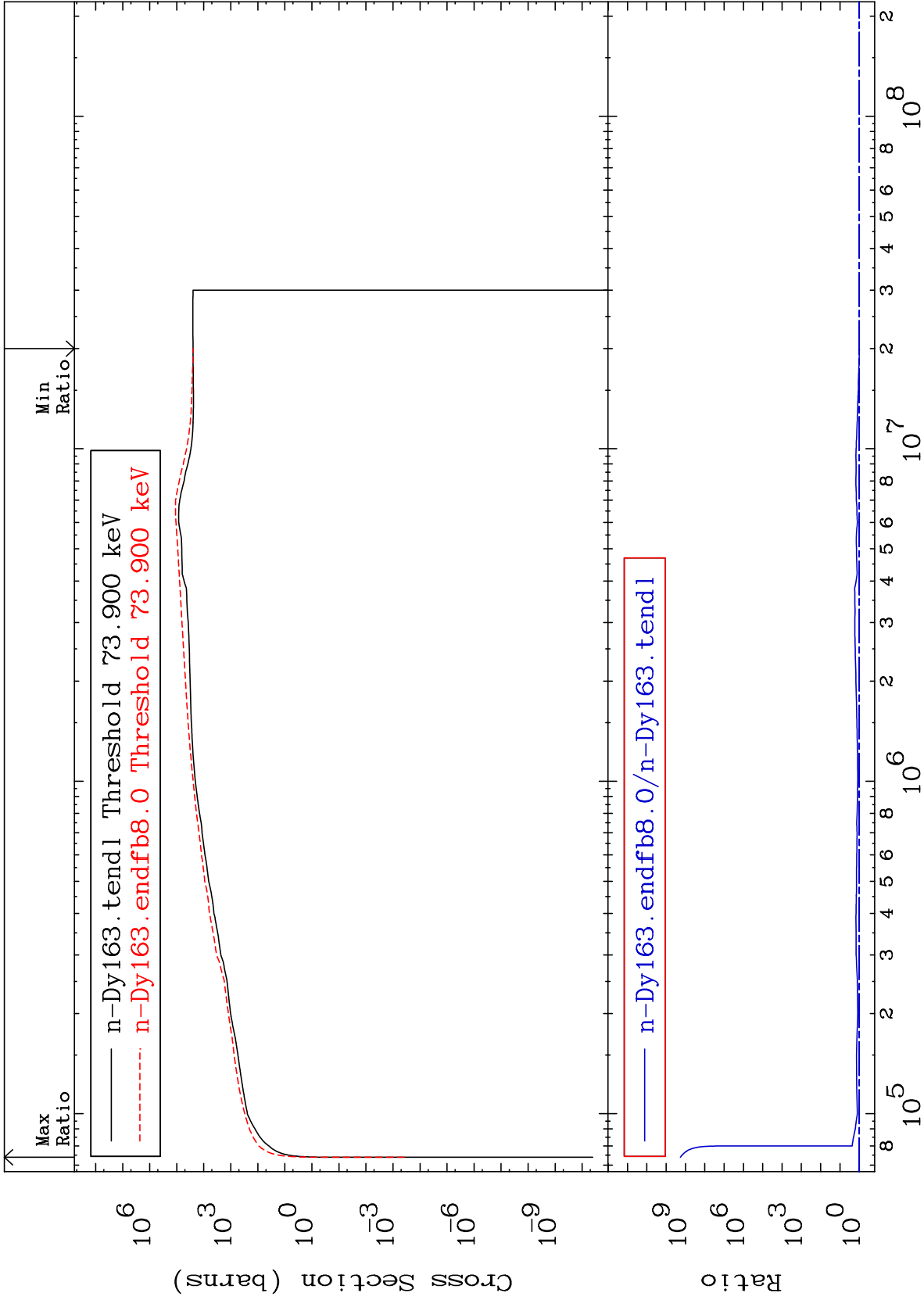
66-Dy-163
-92.29 To 9999. %



51

Incident Energy (eV)

66-Dy-163



Cross Section

-87.94 To 9999. %

