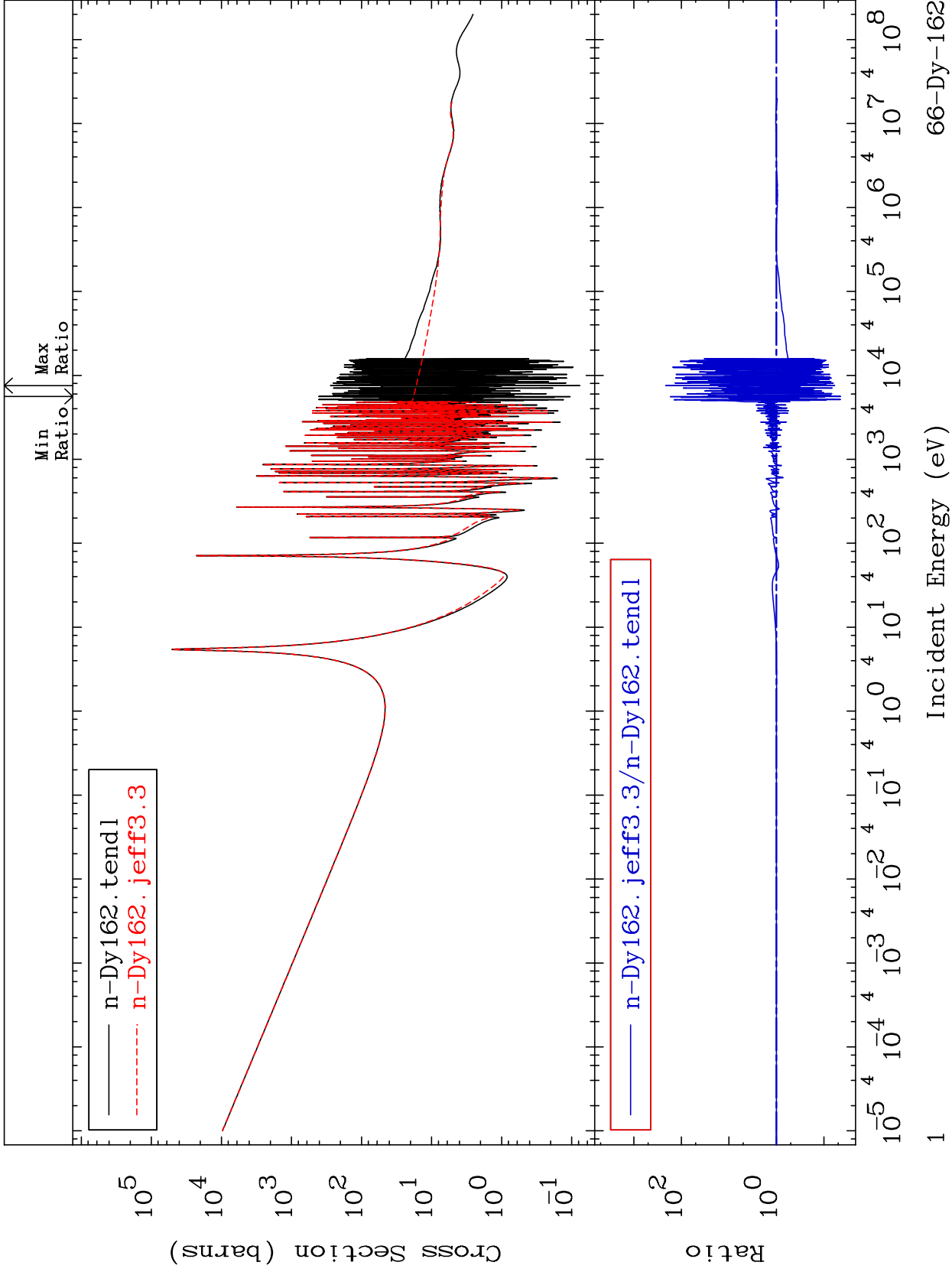


MAT 6643

Total

Cross Section

66-Dy-162
-95.56 To 9999. %



Incident Energy (eV)

66-Dy-162

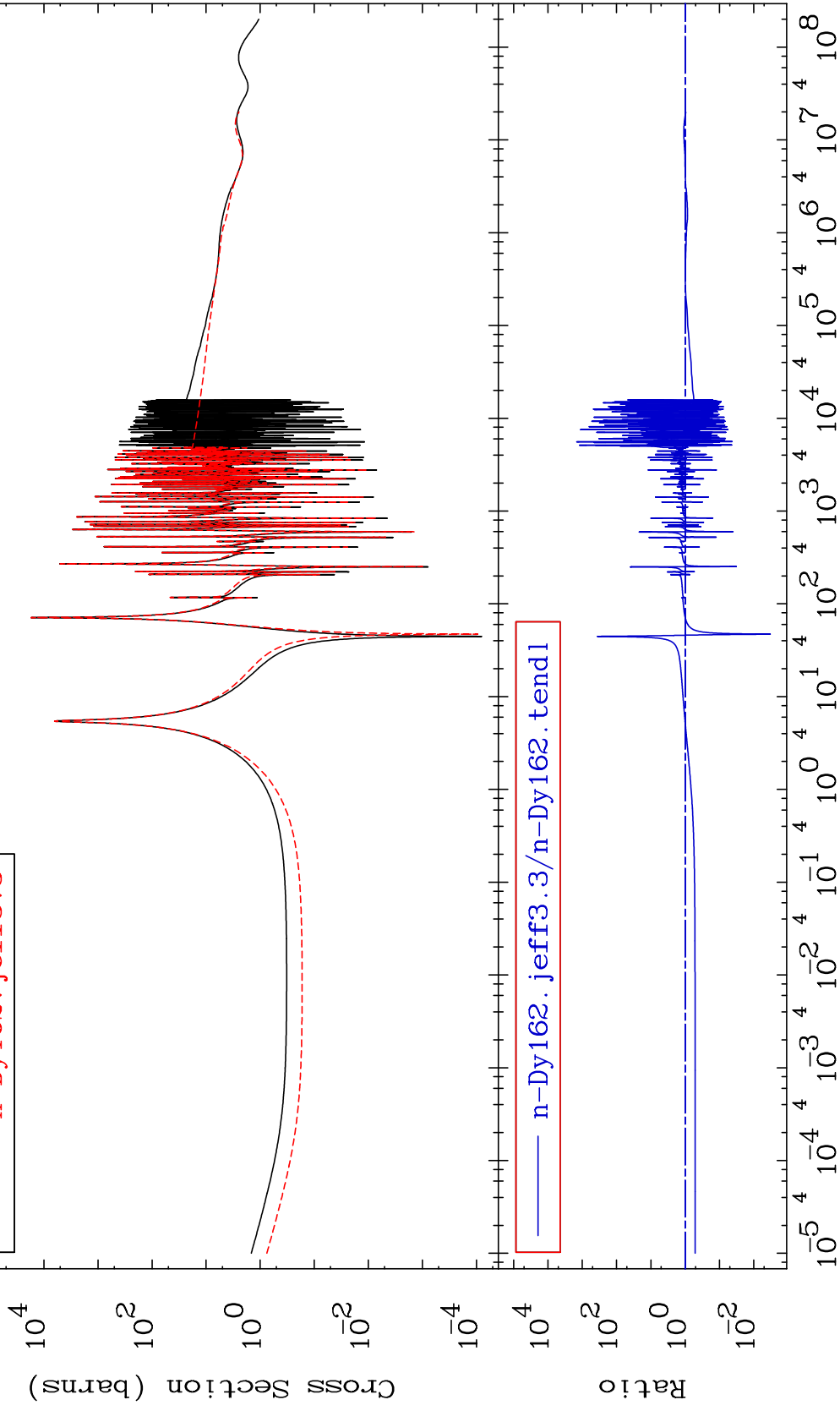
MAT 6643

Elastic
Cross Section

66-Dy-162
-99.67 To 9999. %

— n-Dy162.tendl
- - - n-Dy162.jeff3.3

Min Ratio
Max Ratio



— n-Dy162.jeff3.3/n-Dy162.tendl

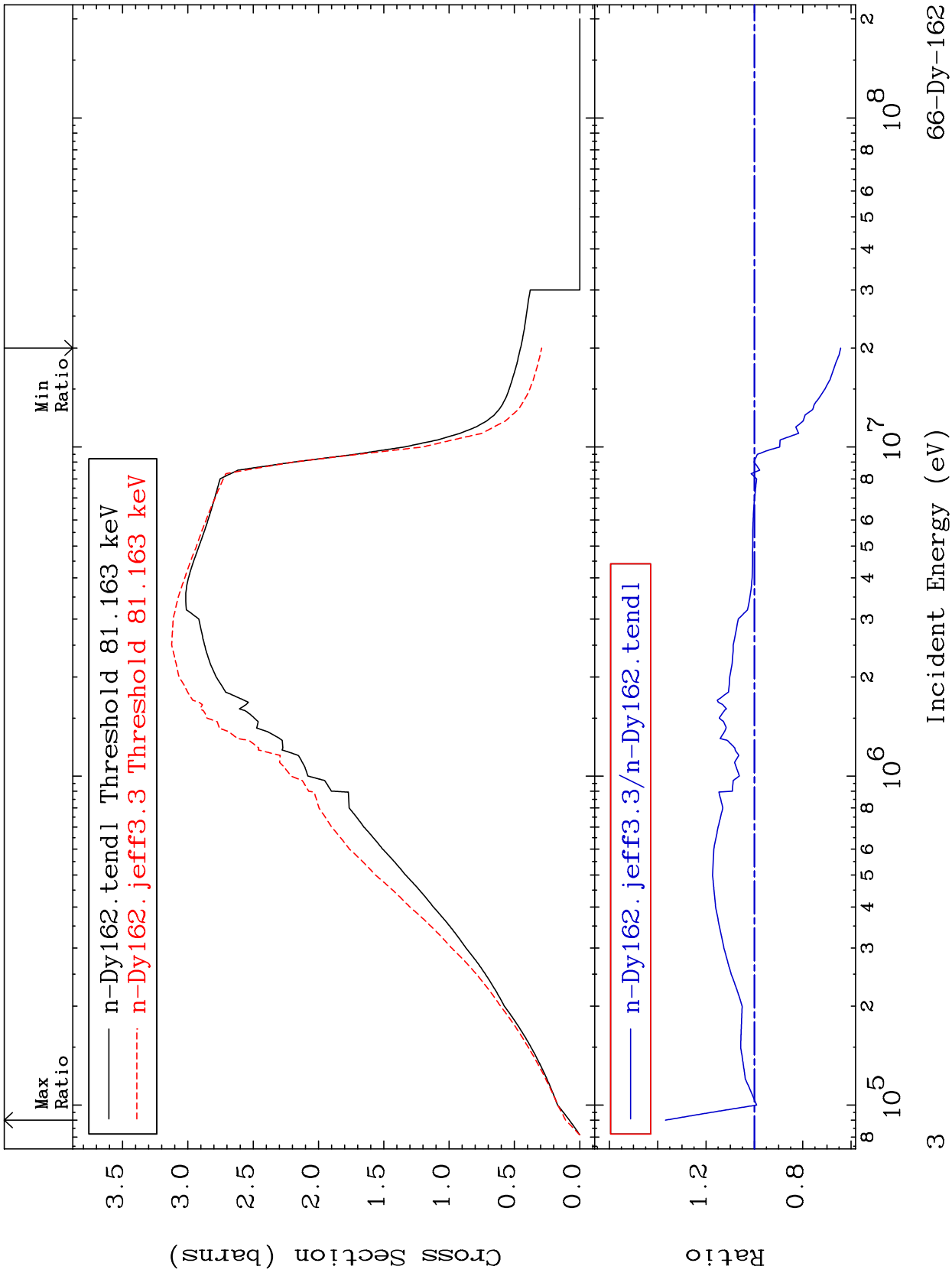
Incident Energy (eV)

66-Dy-162

MAT 6643

Inelastic
Cross Section

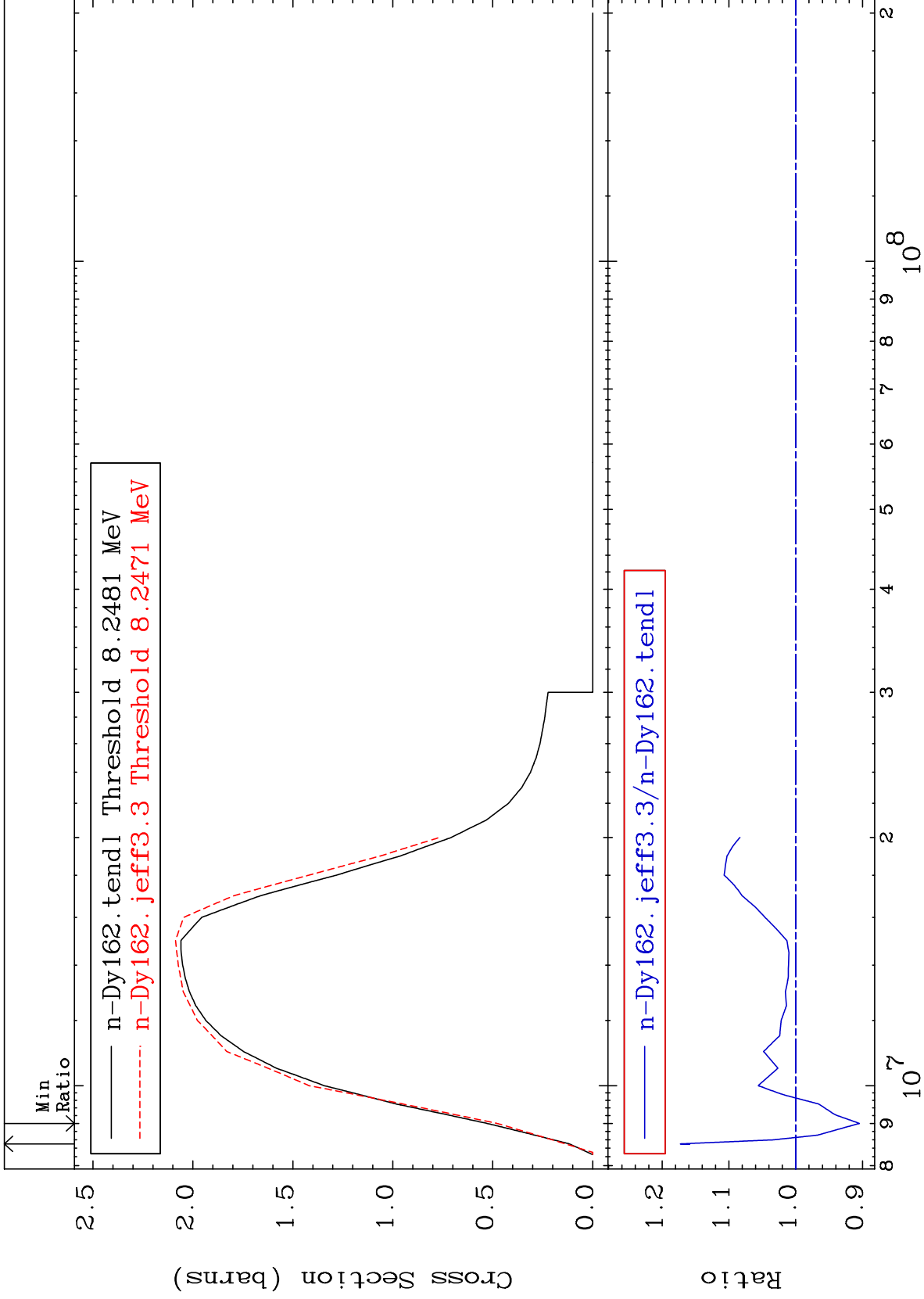
66-Dy-162
-35.67 To 36.77 %



MAT 6643

(n,2n)
Cross Section

66-Dy-162
-9.538 To 17.27 %



4

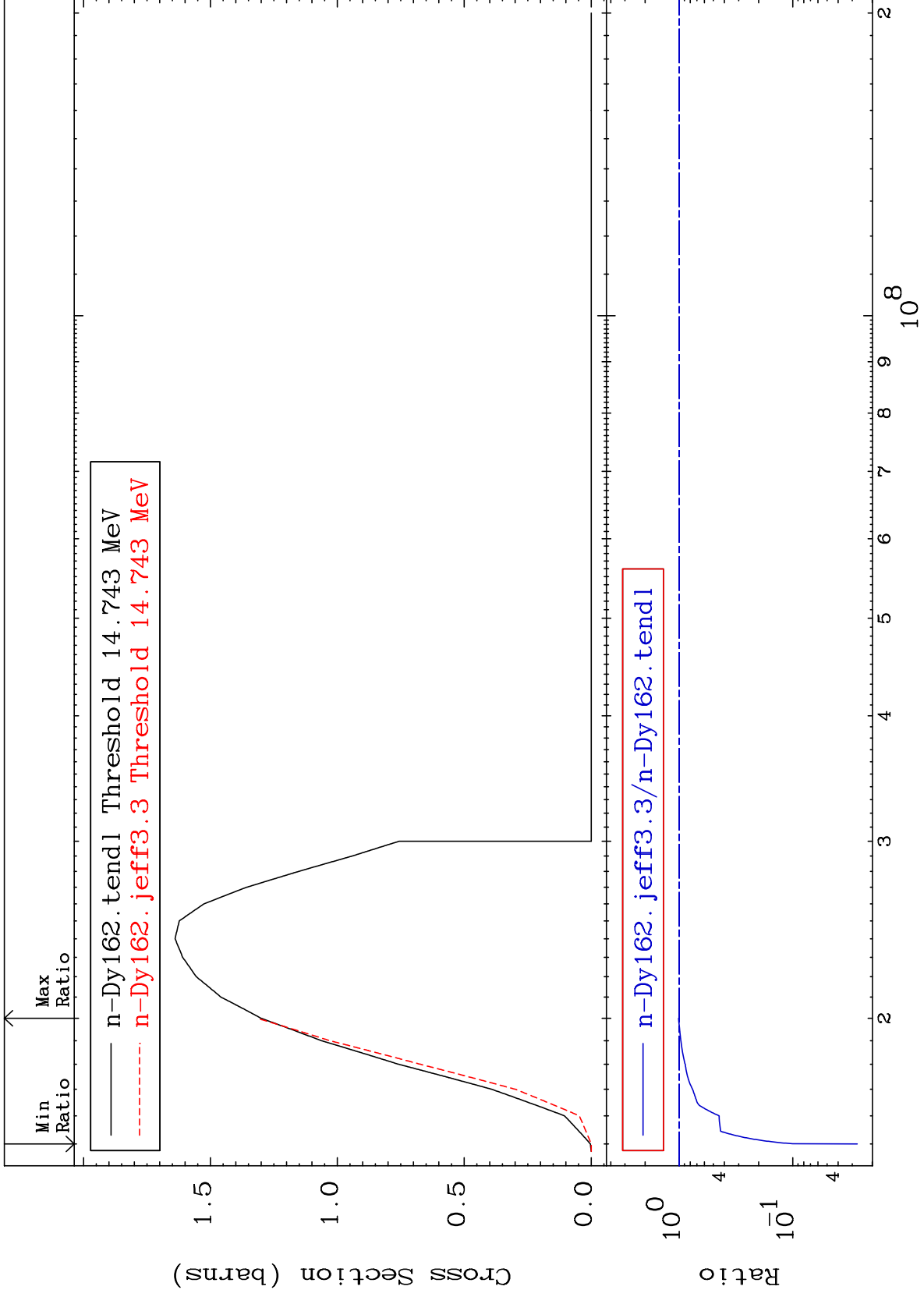
Incident Energy (eV)

66-Dy-162

MAT 6643

(n,3n)
Cross Section

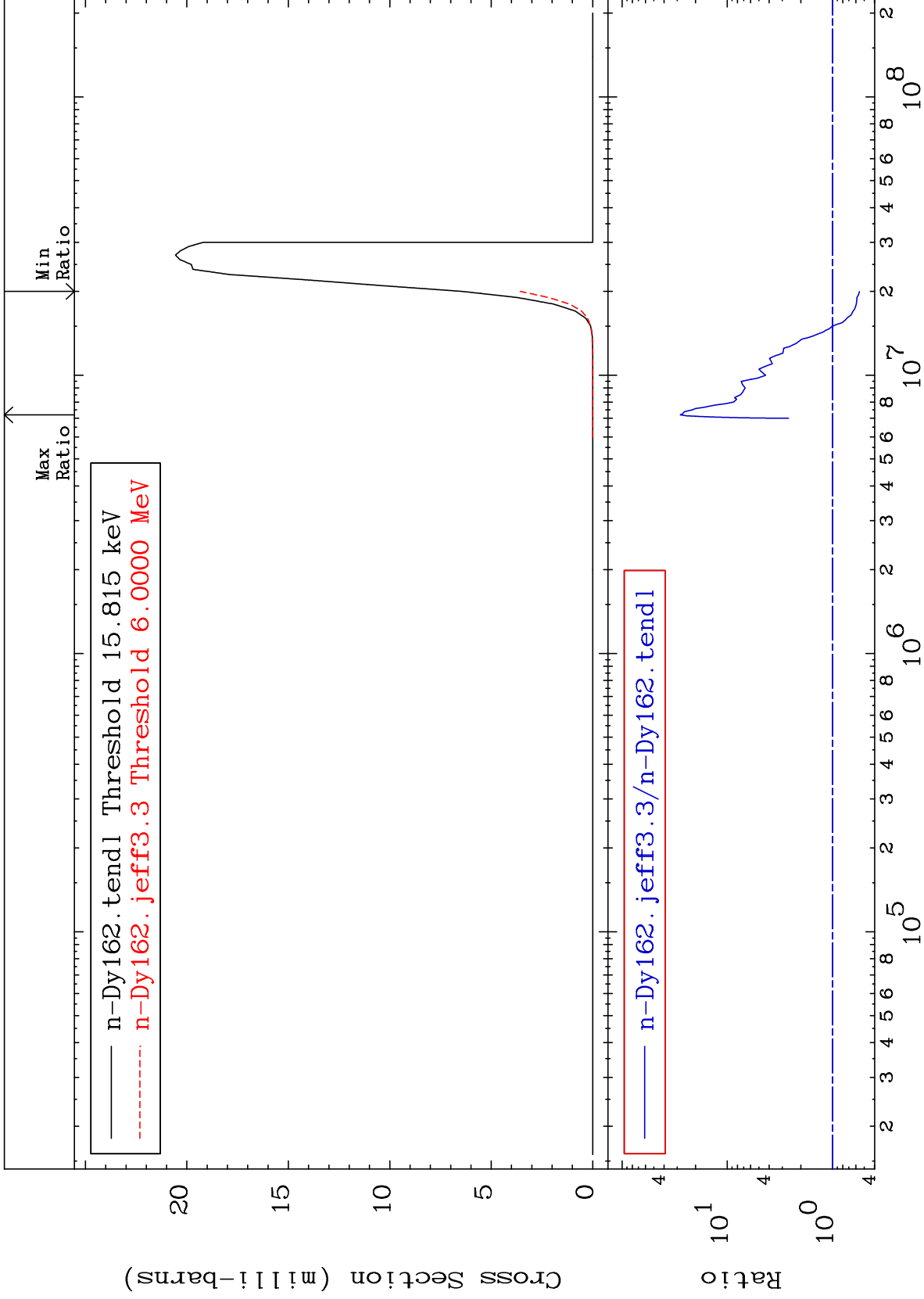
66-Dy-162
-97.29 To 1.164 %



MAT 6643

(n, n') α
Cross Section

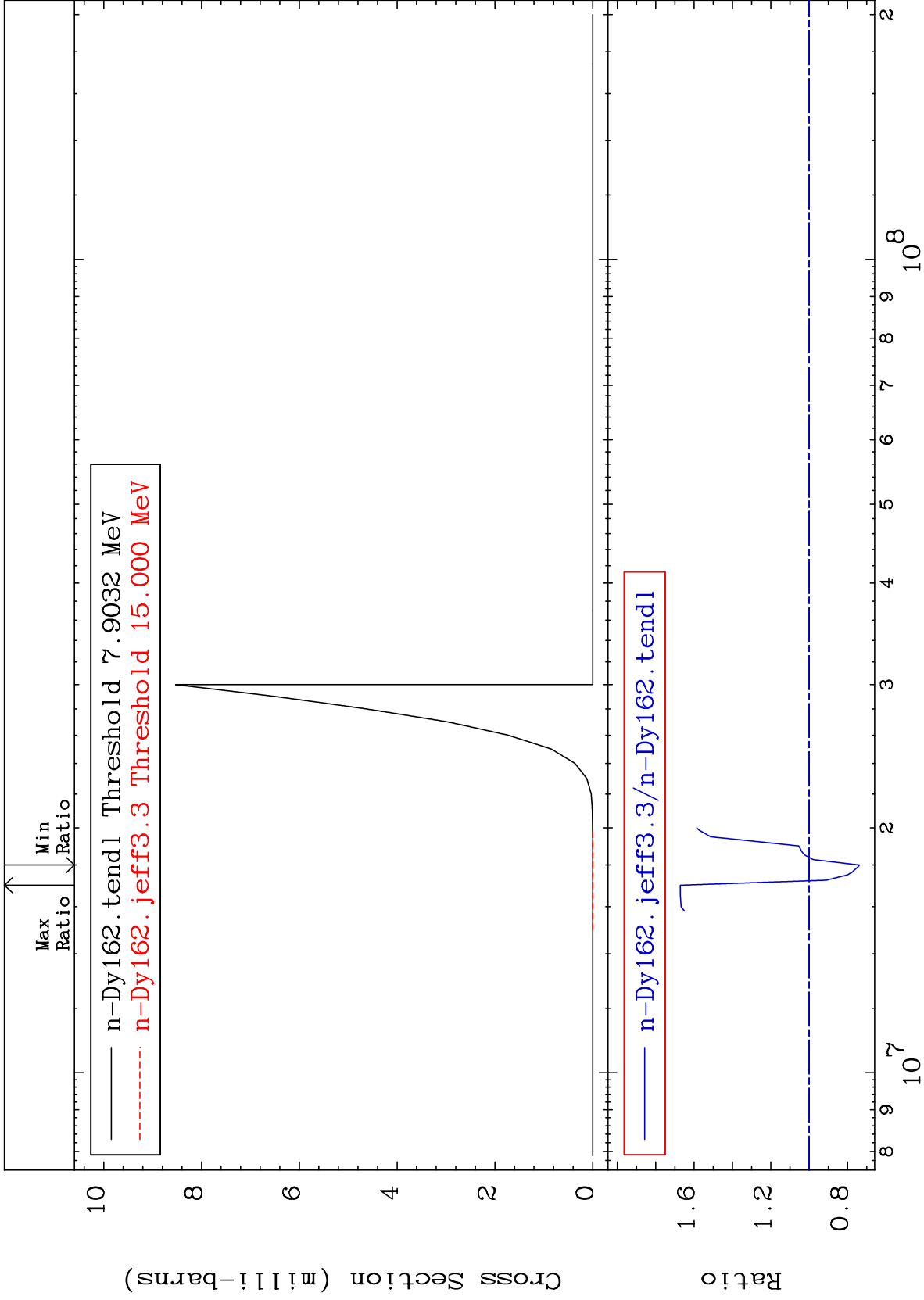
66-Dy-162
-44.53 To 2694. %



MAT 6643

(n,2n) α
Cross Section

66-Dy-162
-26.23 To 67.13 %



7

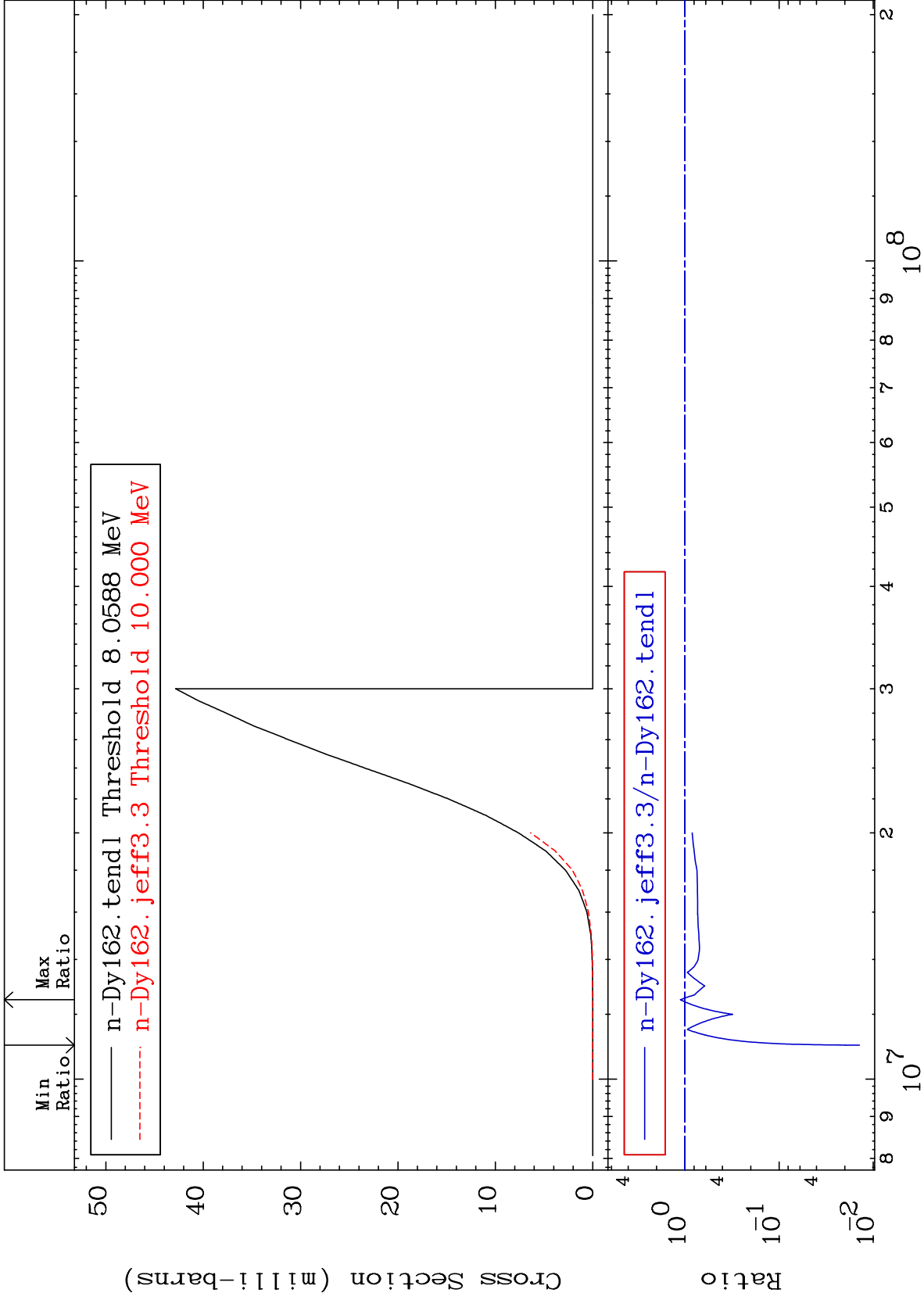
Incident Energy (eV)

66-Dy-162

MAT 6643

(n,n') p
Cross Section

66-Dy-162
-98.60 To 11.69 %



8

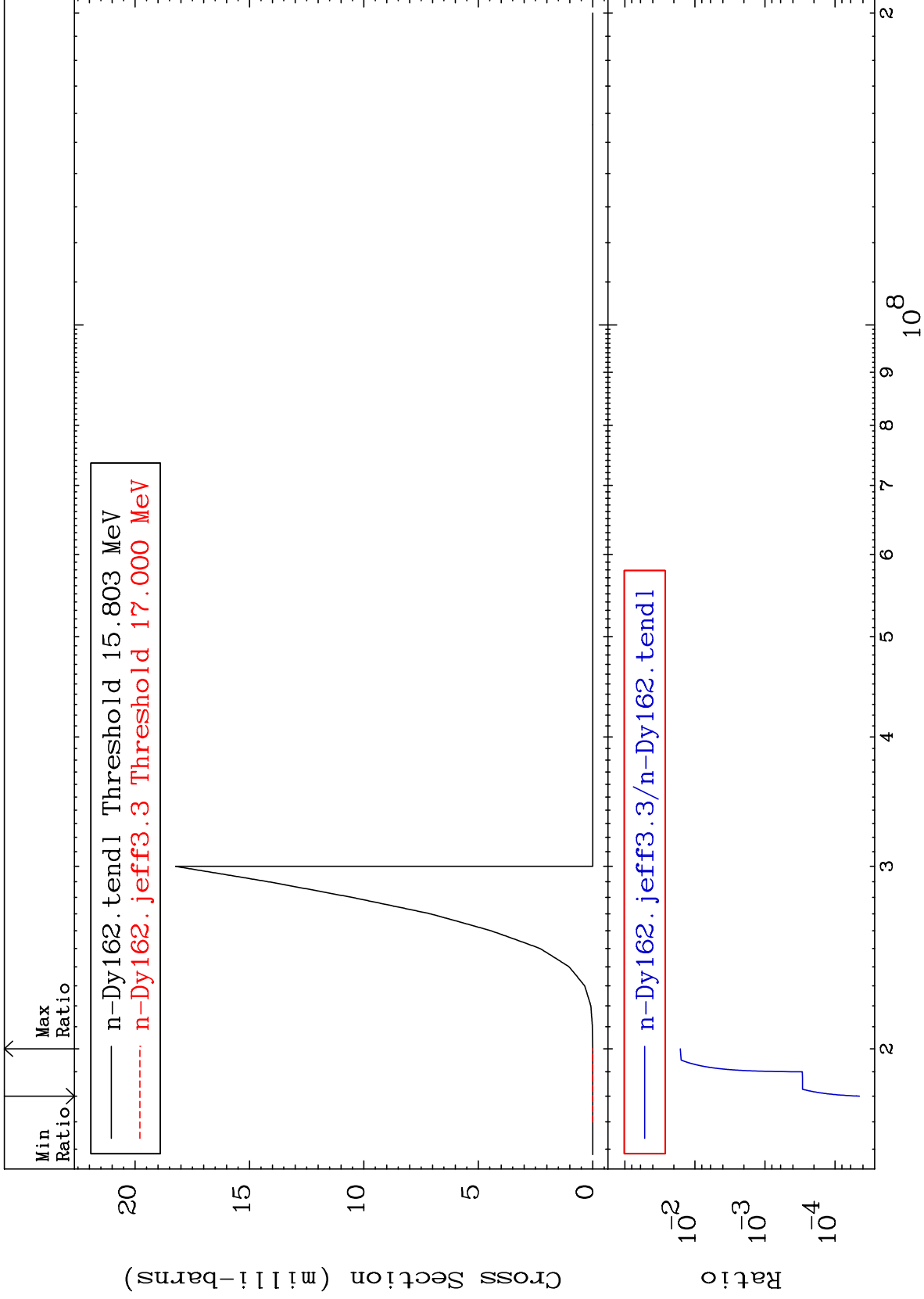
66-Dy-162

66-Dy-162

MAT 6643

(n,2n) p
Cross Section

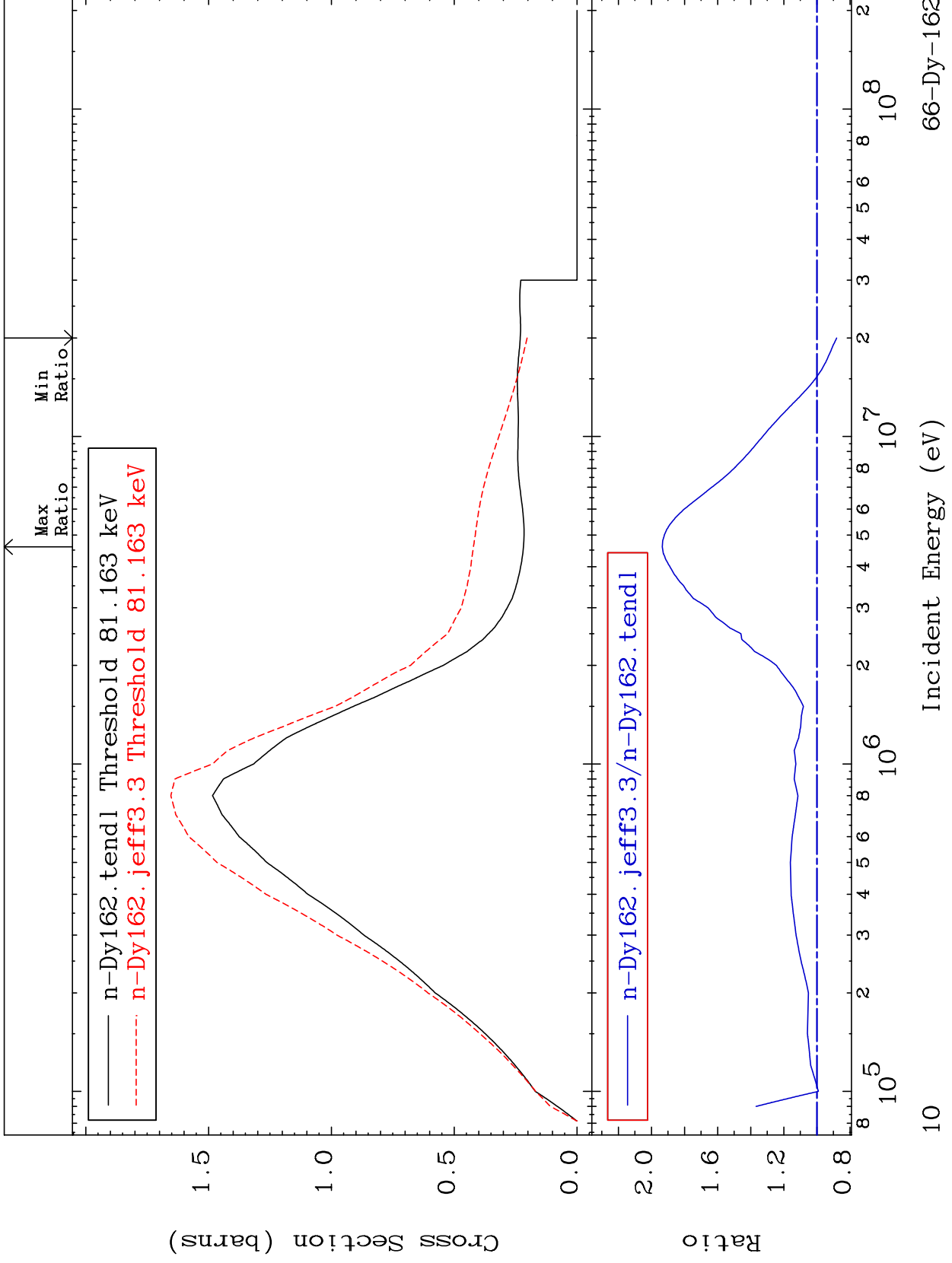
66-Dy-162
-100.0 To -98.38%



MAT 6643

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

66-Dy-162
-11.93 To 93.44 %

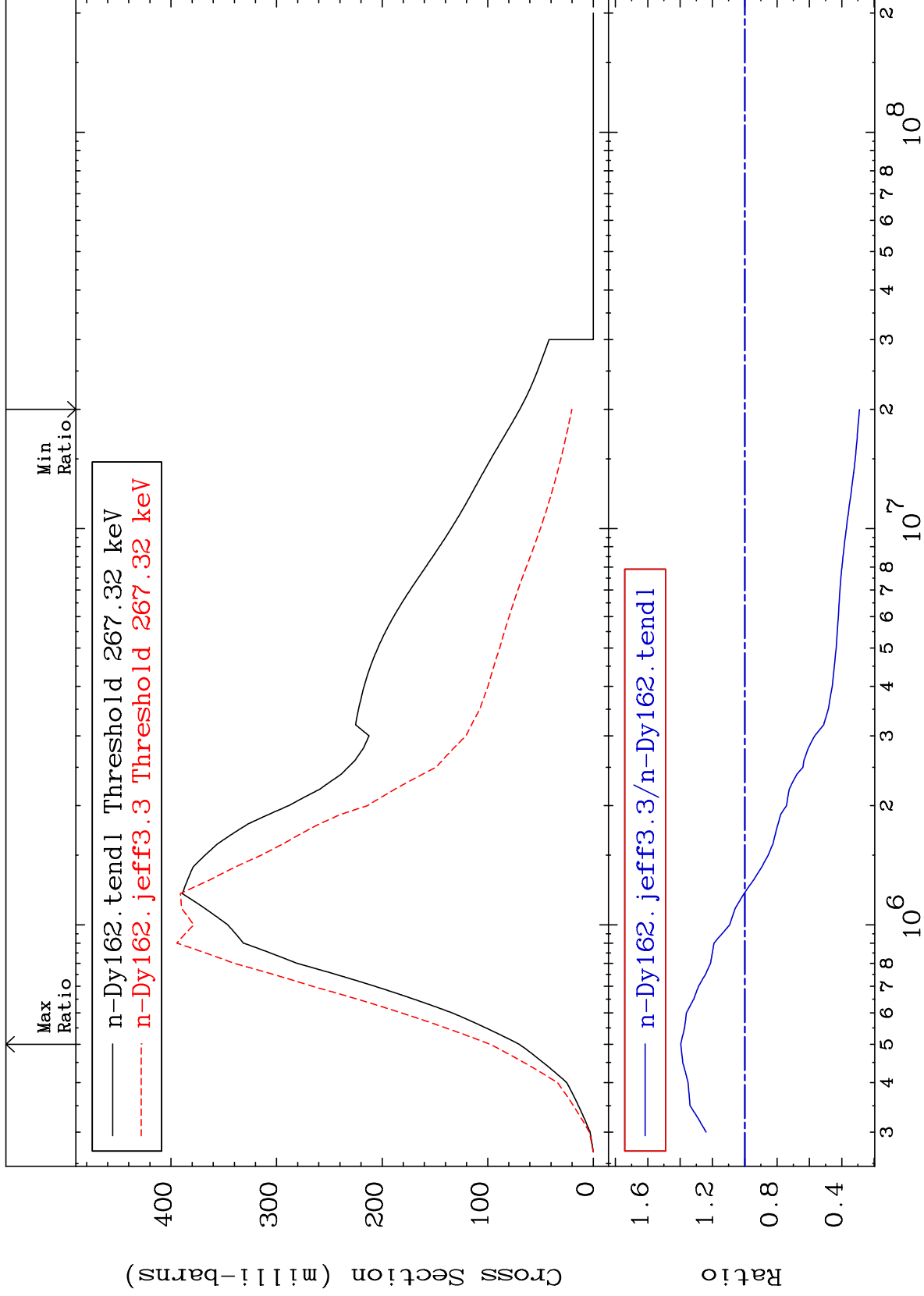


66-Dy-162

MAT 6643

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

66-Dy-162
-70.97 To 39.57 %



11

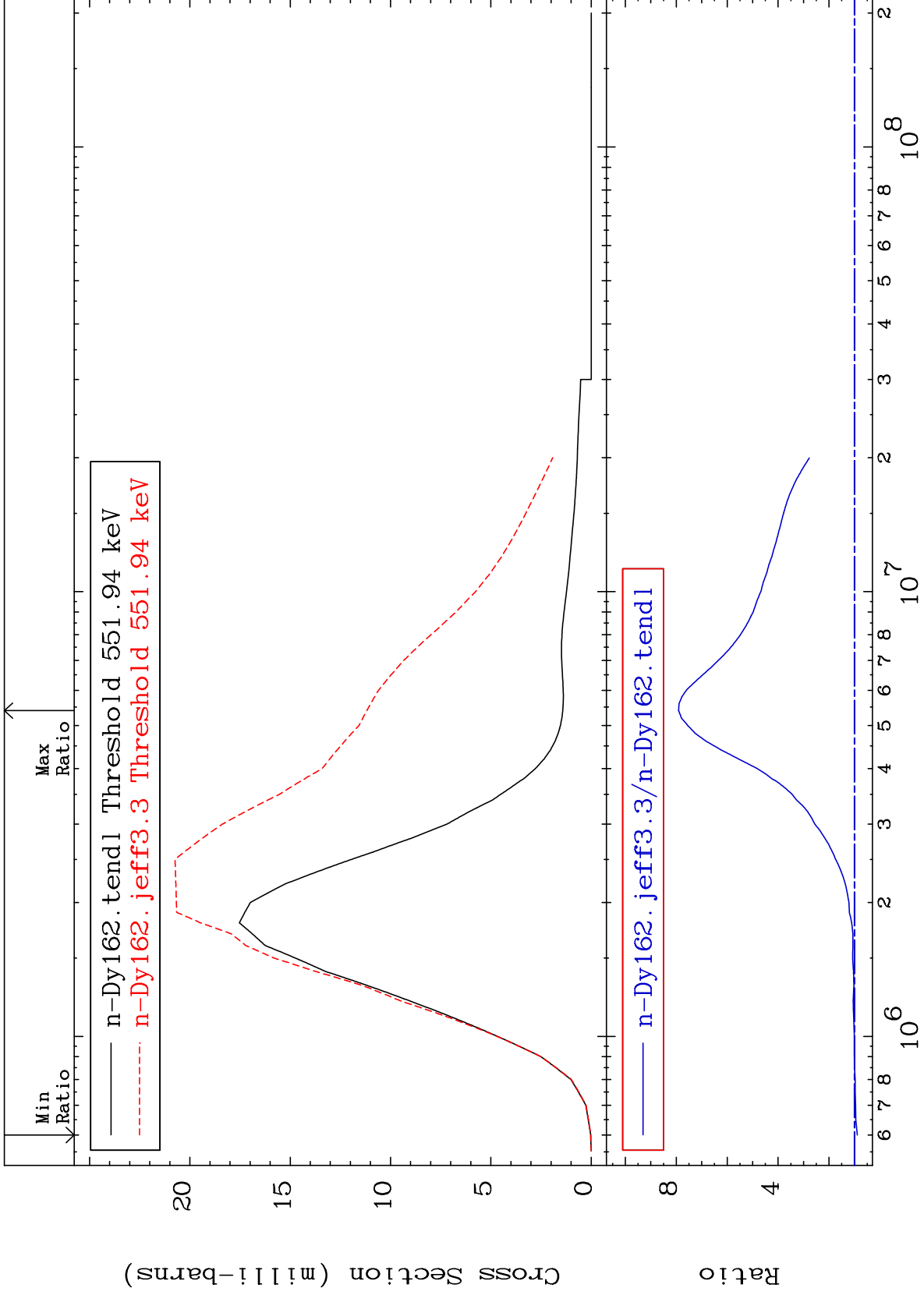
Incident Energy (eV)

66-Dy-162

MAT 6643

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

66-Dy-162
-11.04 To 690.6 %



12

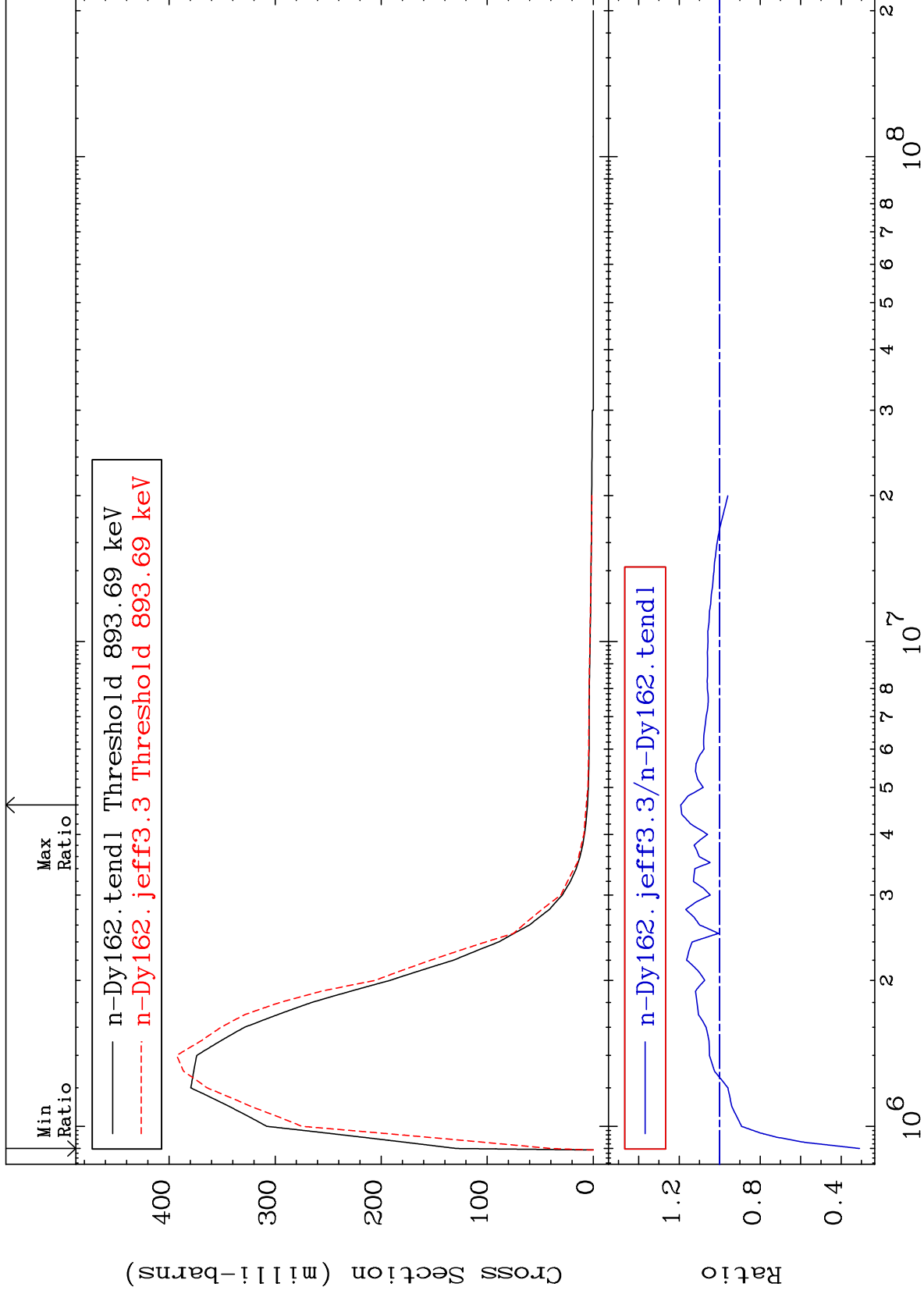
Incident Energy (eV)

66-Dy-162

MAT 6643

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

66-Dy-162
-69.06 To 19.21 %



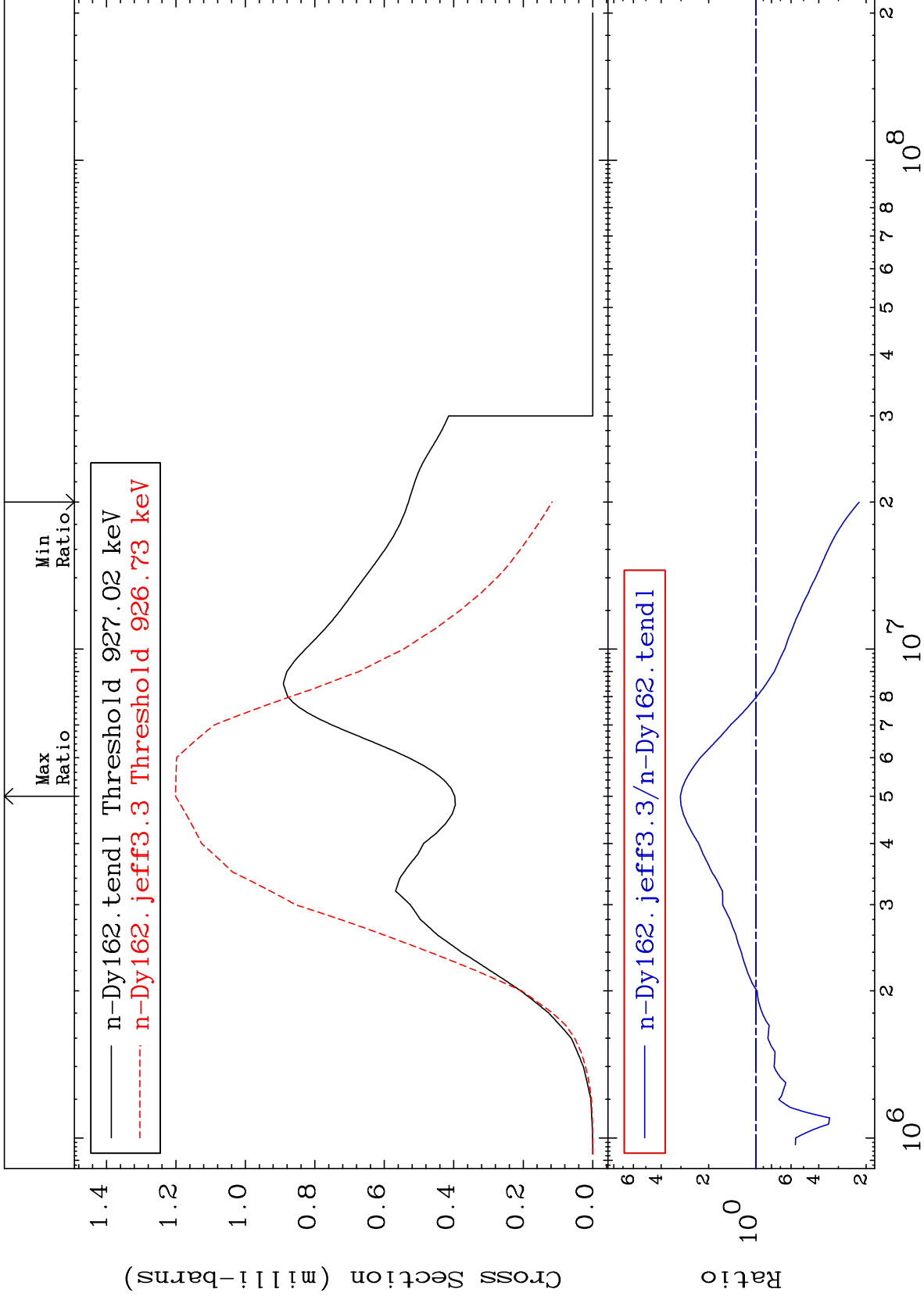
13

66-Dy-162

MAT 6643

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

66-Dy-162
-77.93 To 202.4 %



14

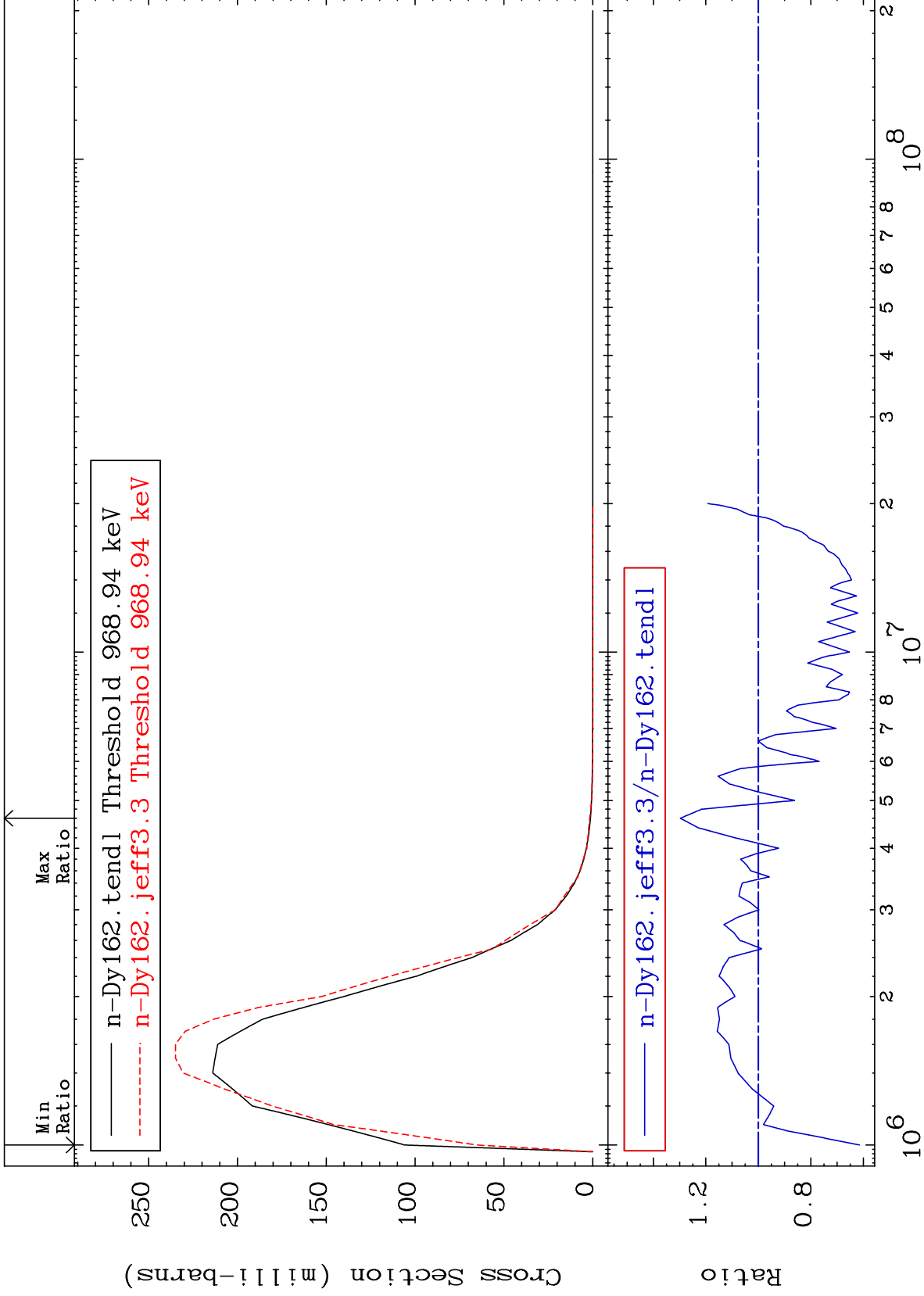
Incident Energy (eV)

66-Dy-162

MAT 6643

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

66-Dy-162
-38.47 To 29.71 %



15

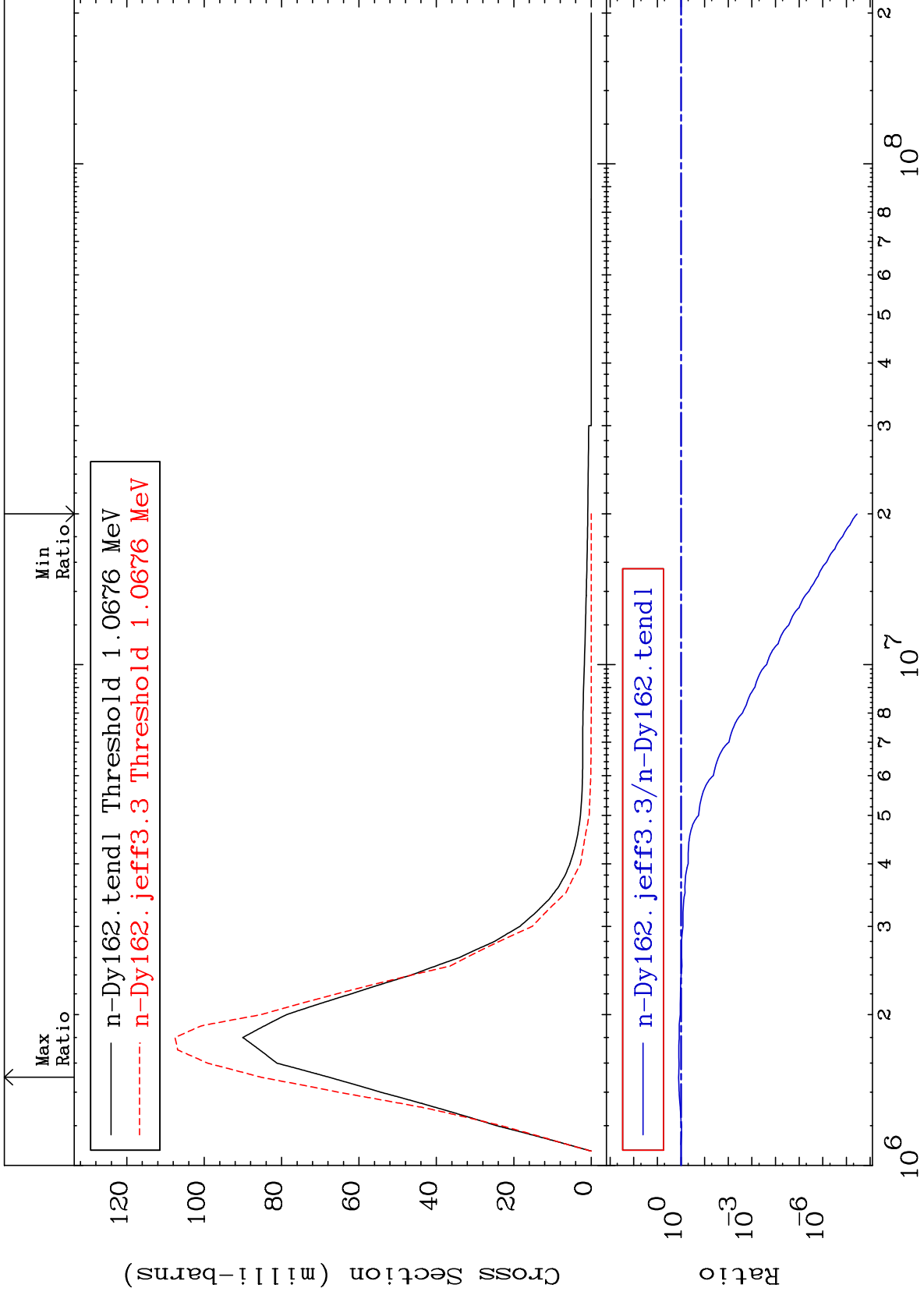
Incident Energy (eV)

66-Dy-162

MAT 6643

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

66-Dy-162
-100.0 To 25.93 %



Incident Energy (eV)

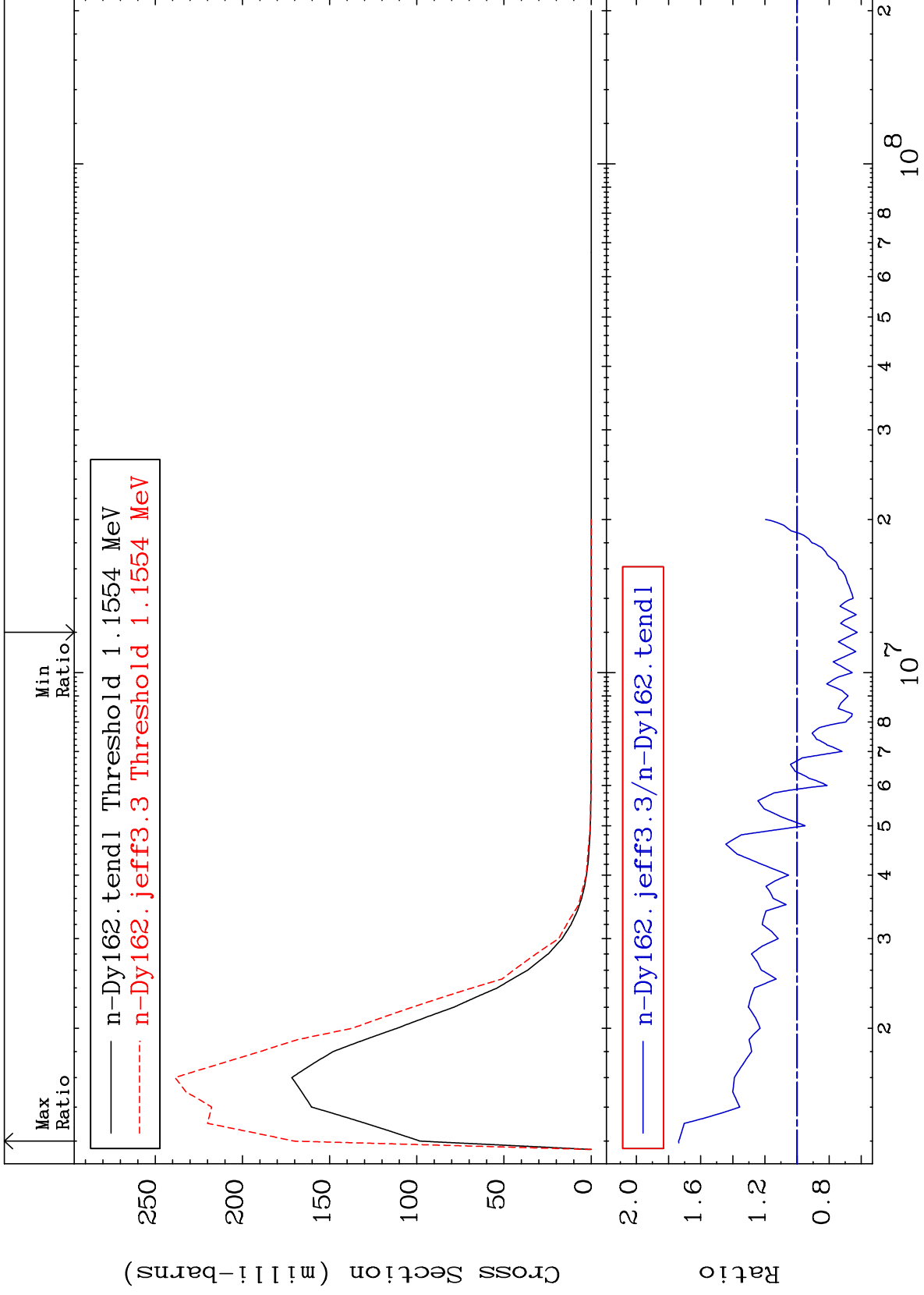
66-Dy-162

16

MAT 6643

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

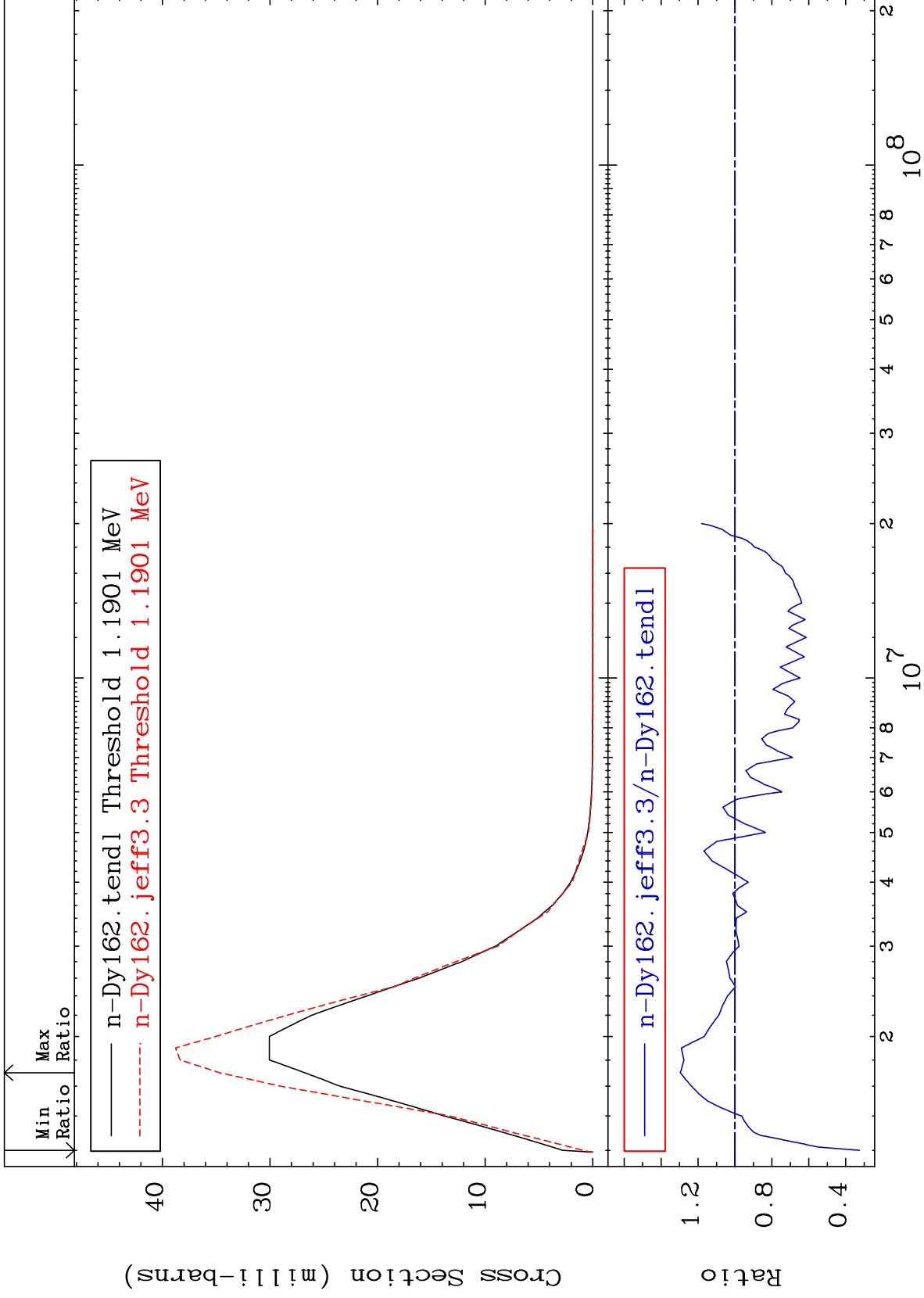
66-Dy-162
-37.48 To 73.70 %



MAT 6643

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

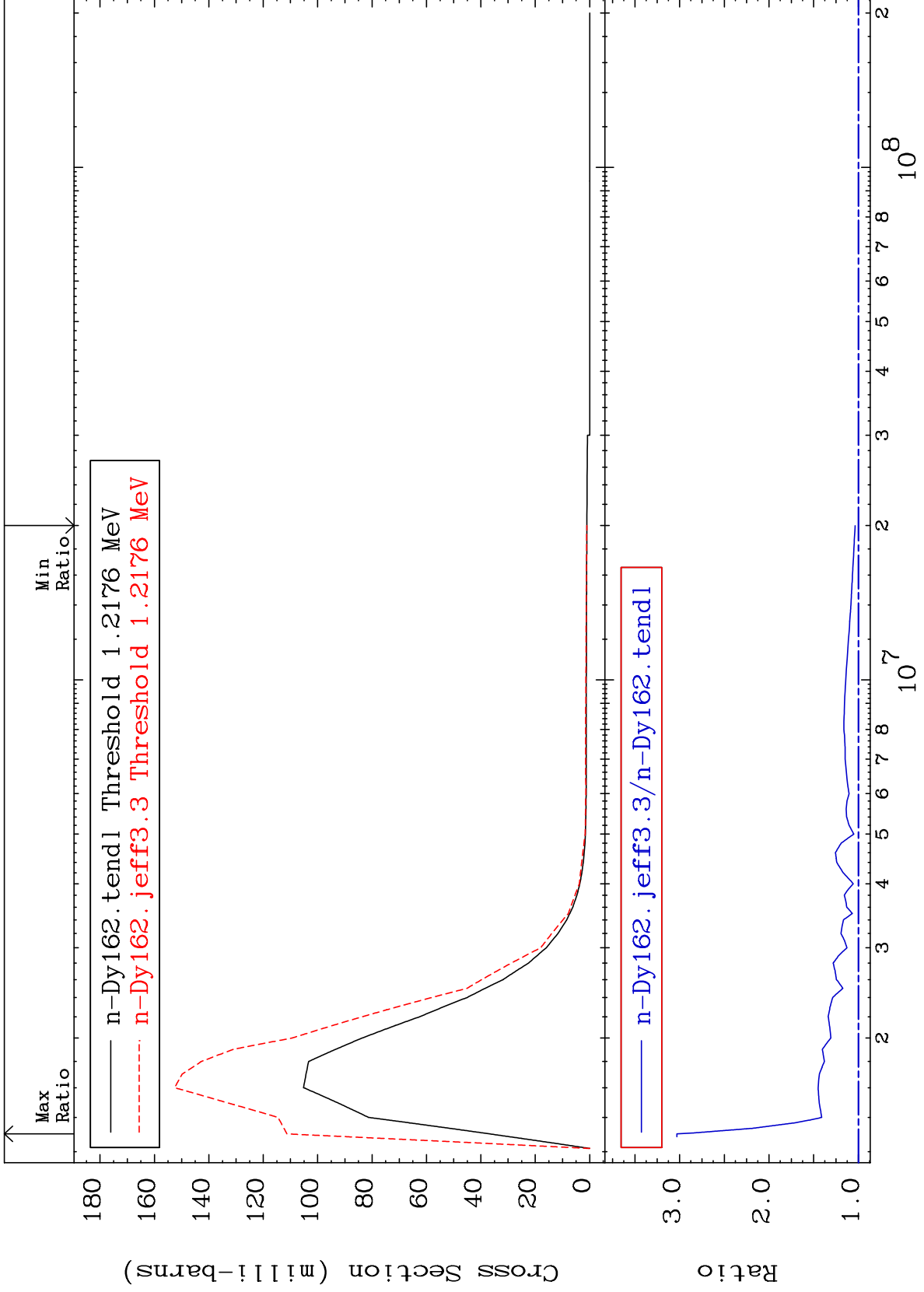
66-Dy-162
-67.40 To 29.57 %



MAT 6643

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

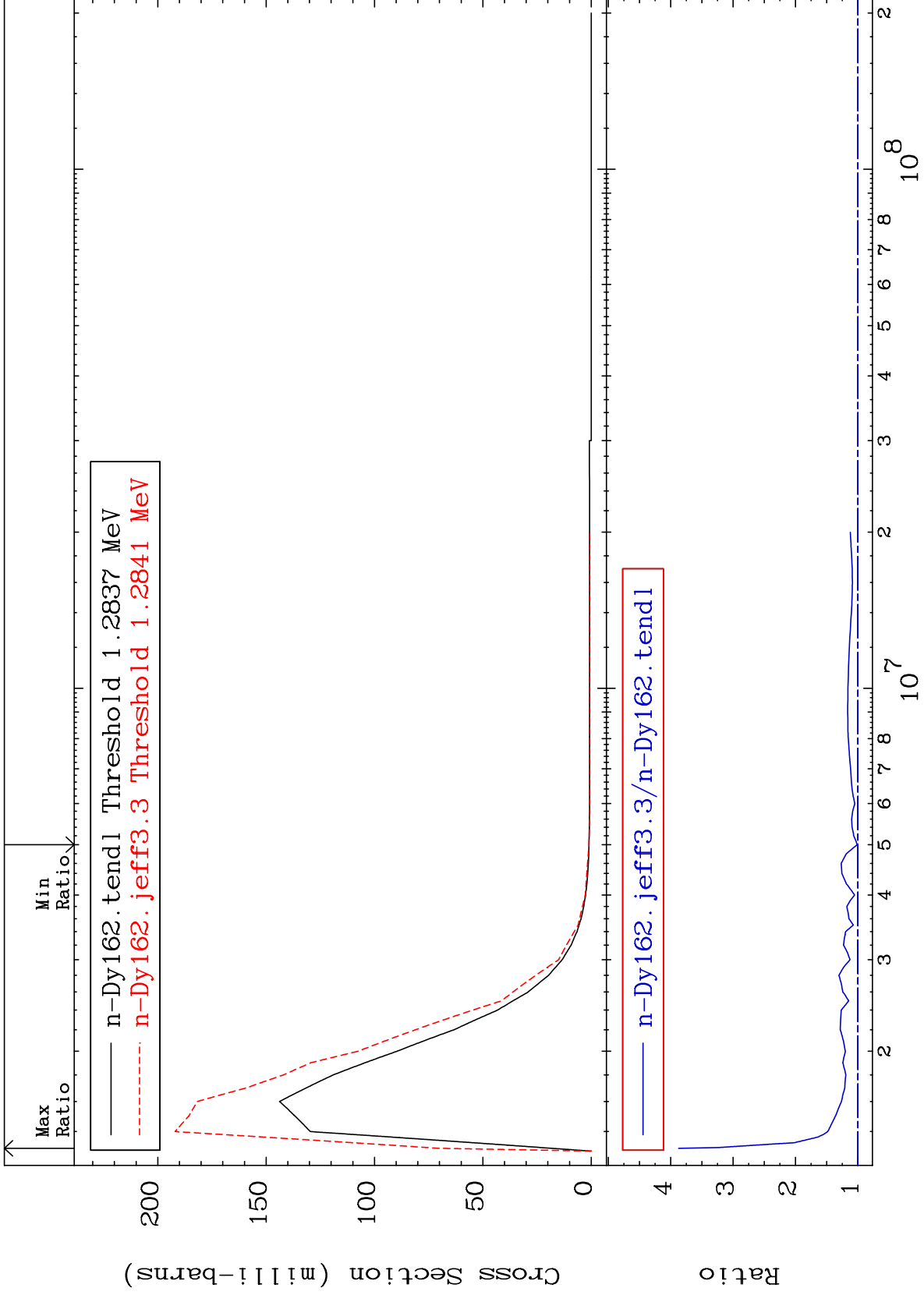
66-Dy-162
To 203.0 %
3.660



MAT 6643

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

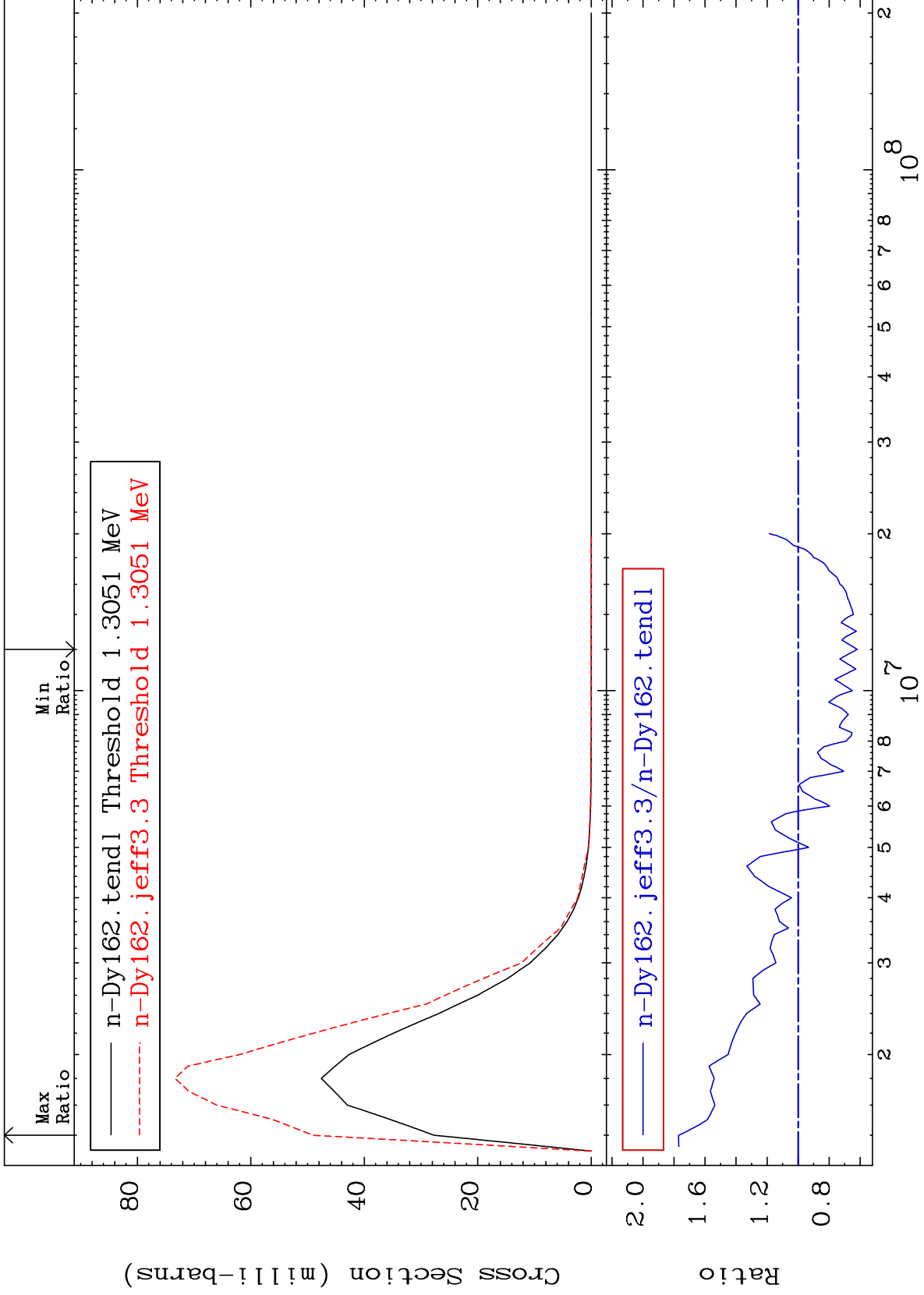
66-Dy-162
To 287.2 %



MAT 6643

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

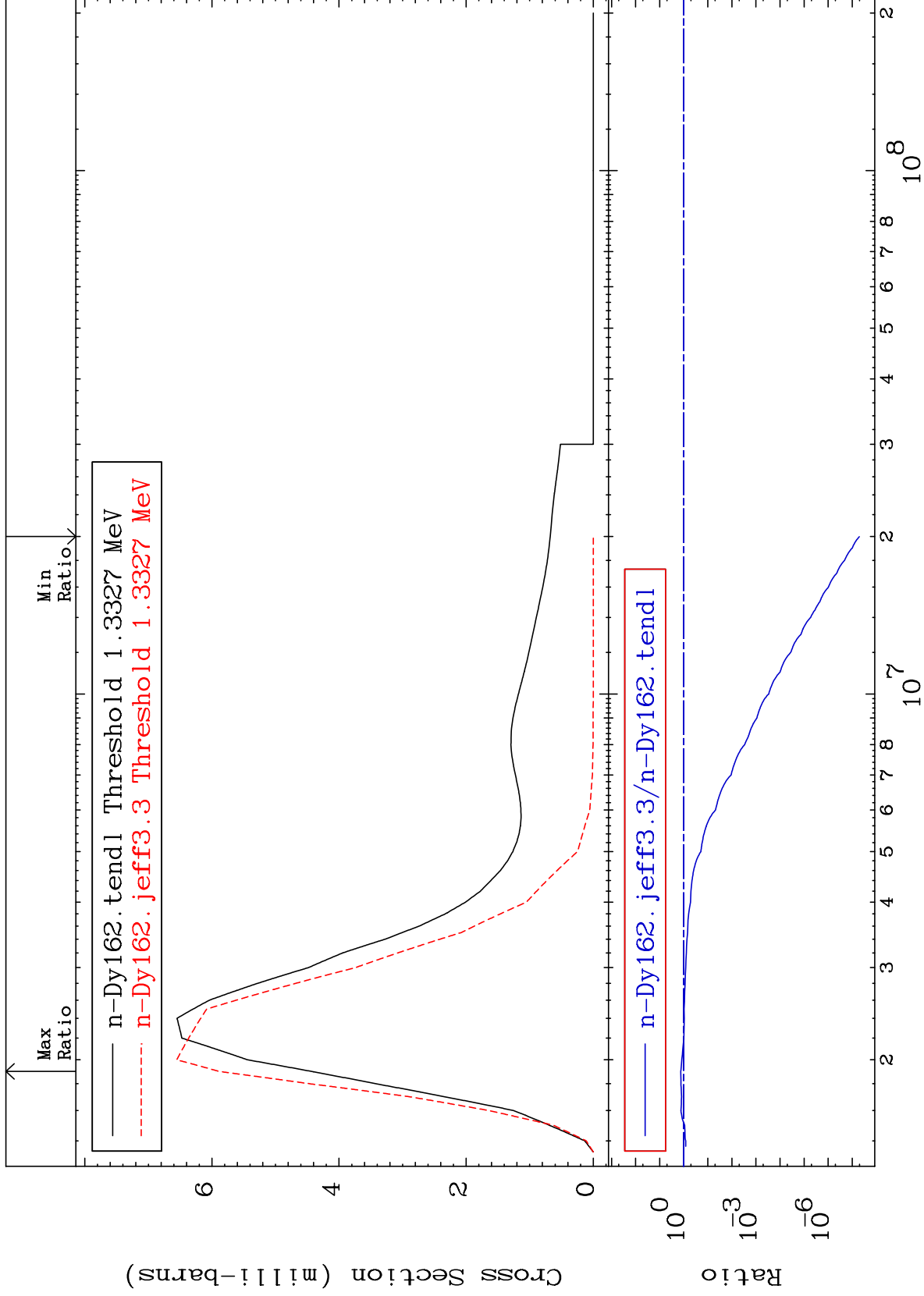
66-Dy-162
-38.15 To 77.06 %



MAT 6643

MT= 63 (n,n') Level
Cross Section

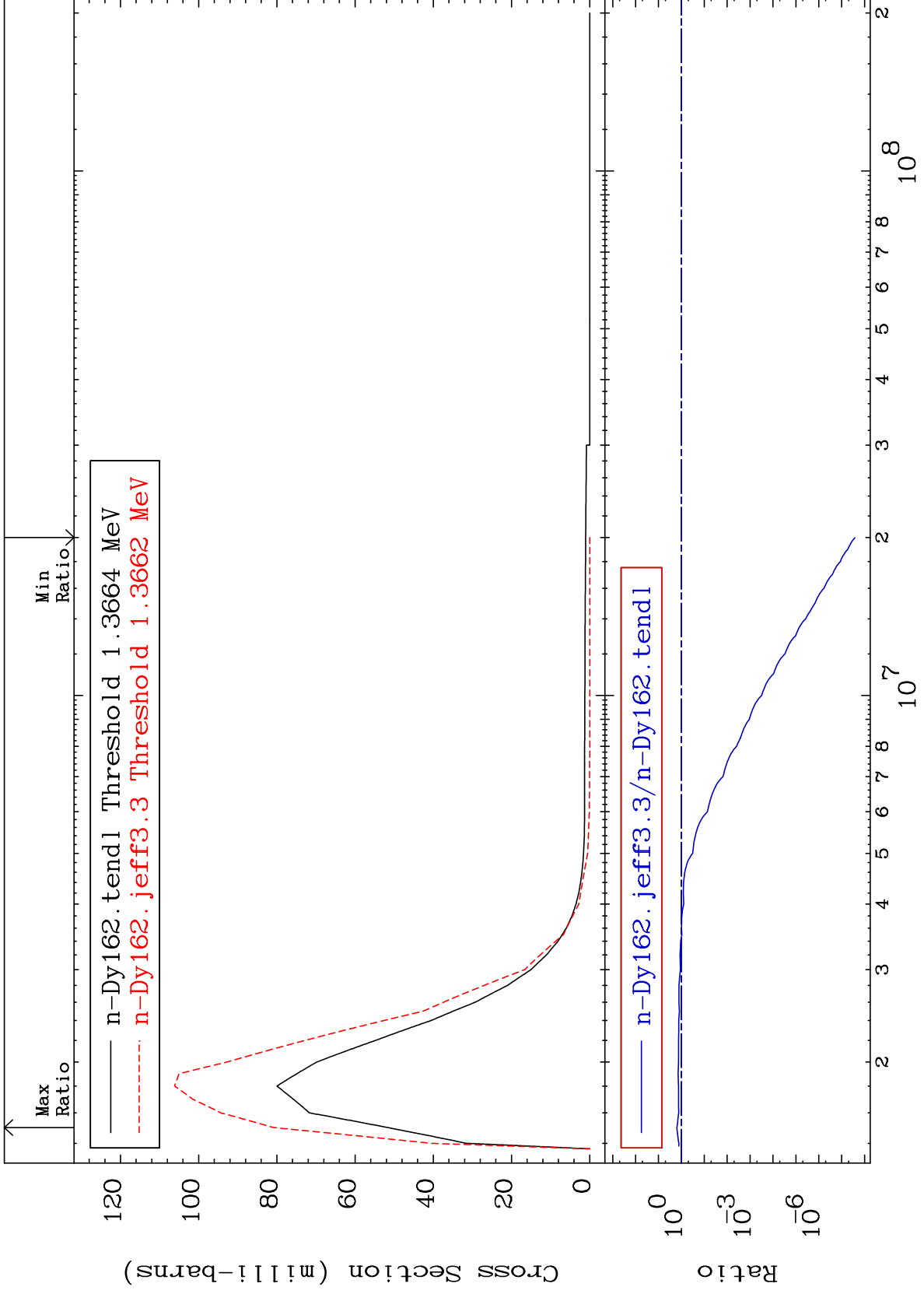
66-Dy-162
-100.0 To 32.81 %



MAT 6643

MT= 64 (n, n') Level
Cross Section

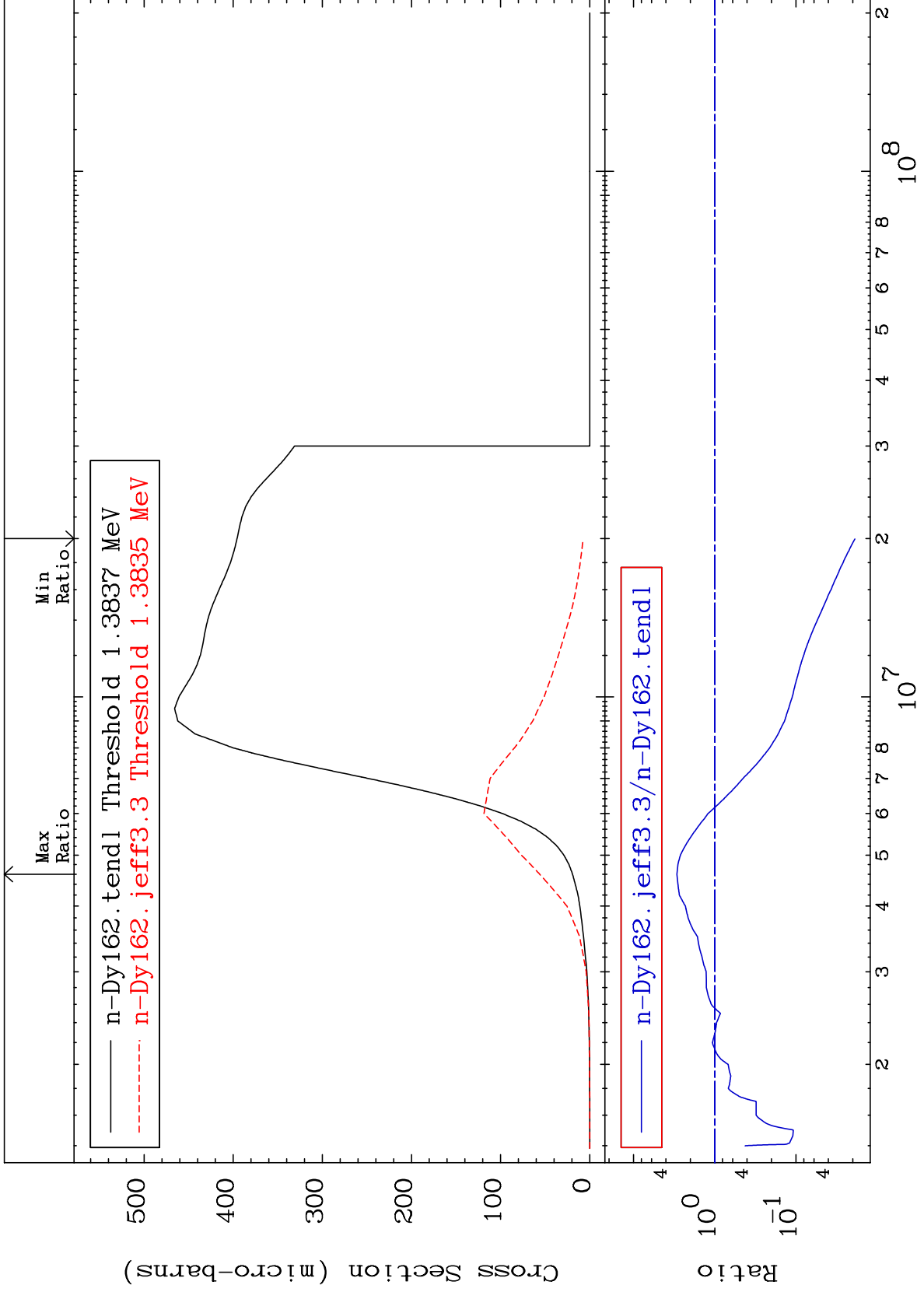
66-Dy-162
-100.0 To 56.65 %



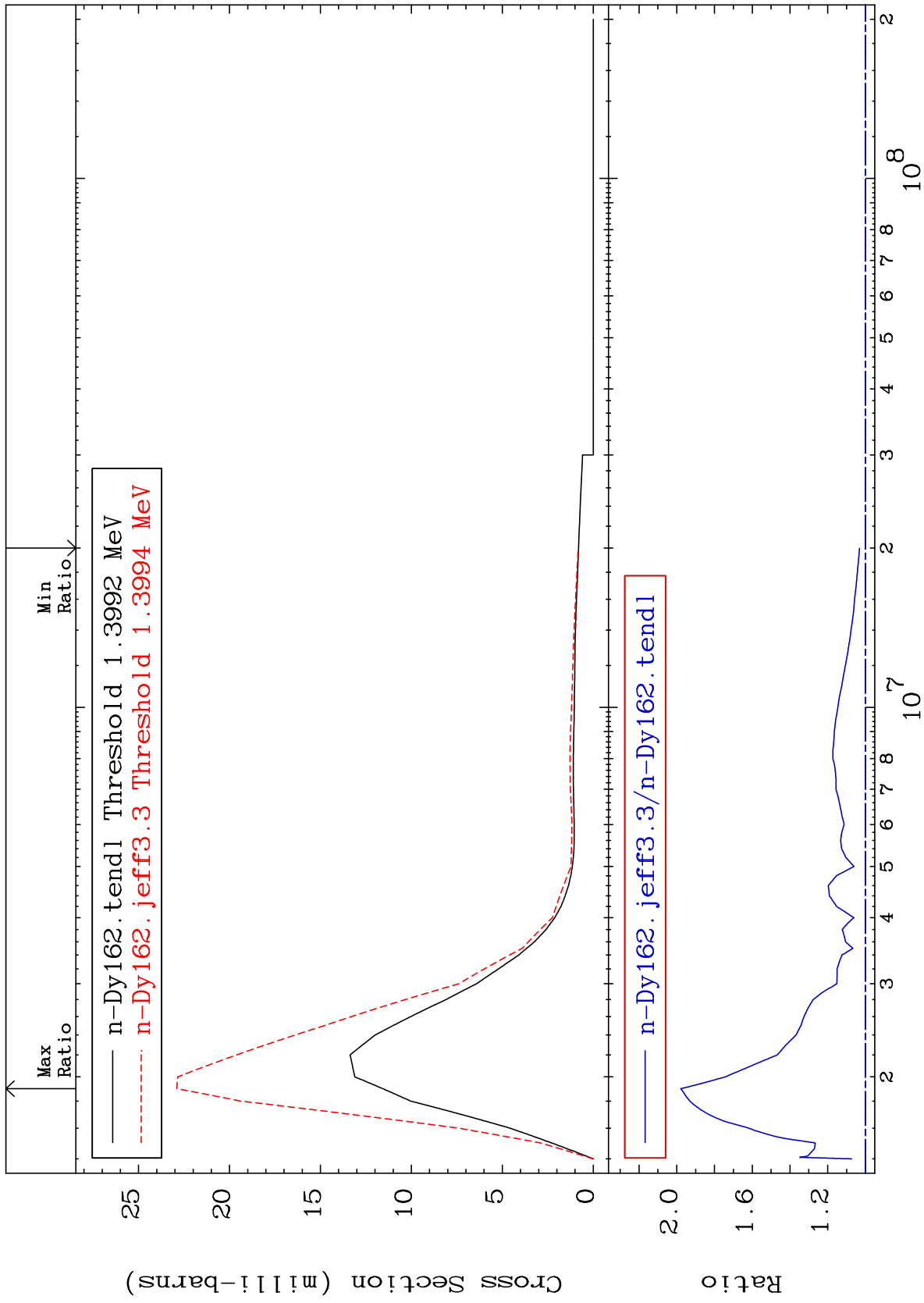
MAT 6643

MT= 65 (n,n') Level
Cross Section

66-Dy-162
-98.13 To 192.1 %



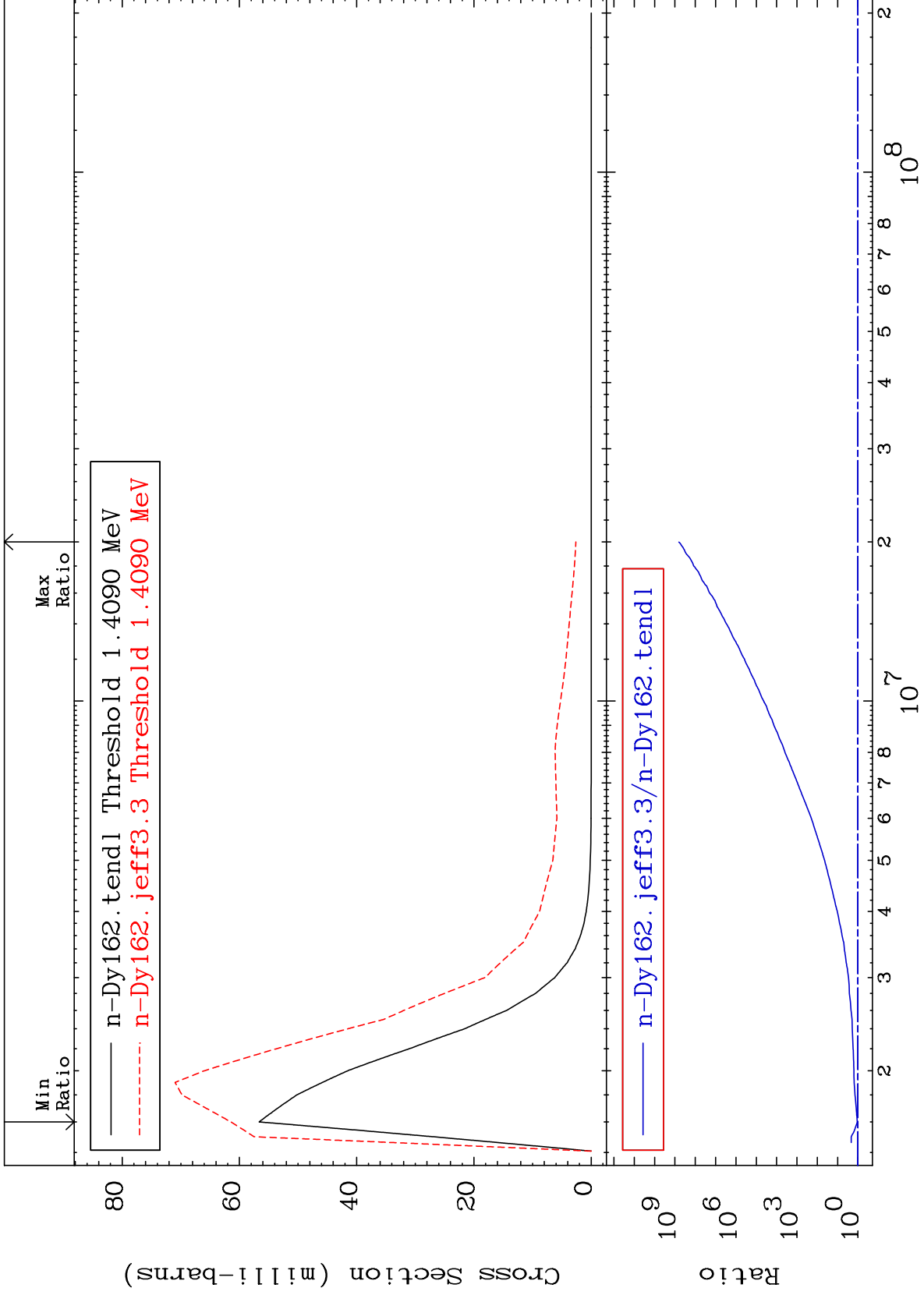
MAT 6643 MT= 66 (n,n') Level Cross Section 66-Dy-162 To 97.89 %
 3.101



MAT 6643

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

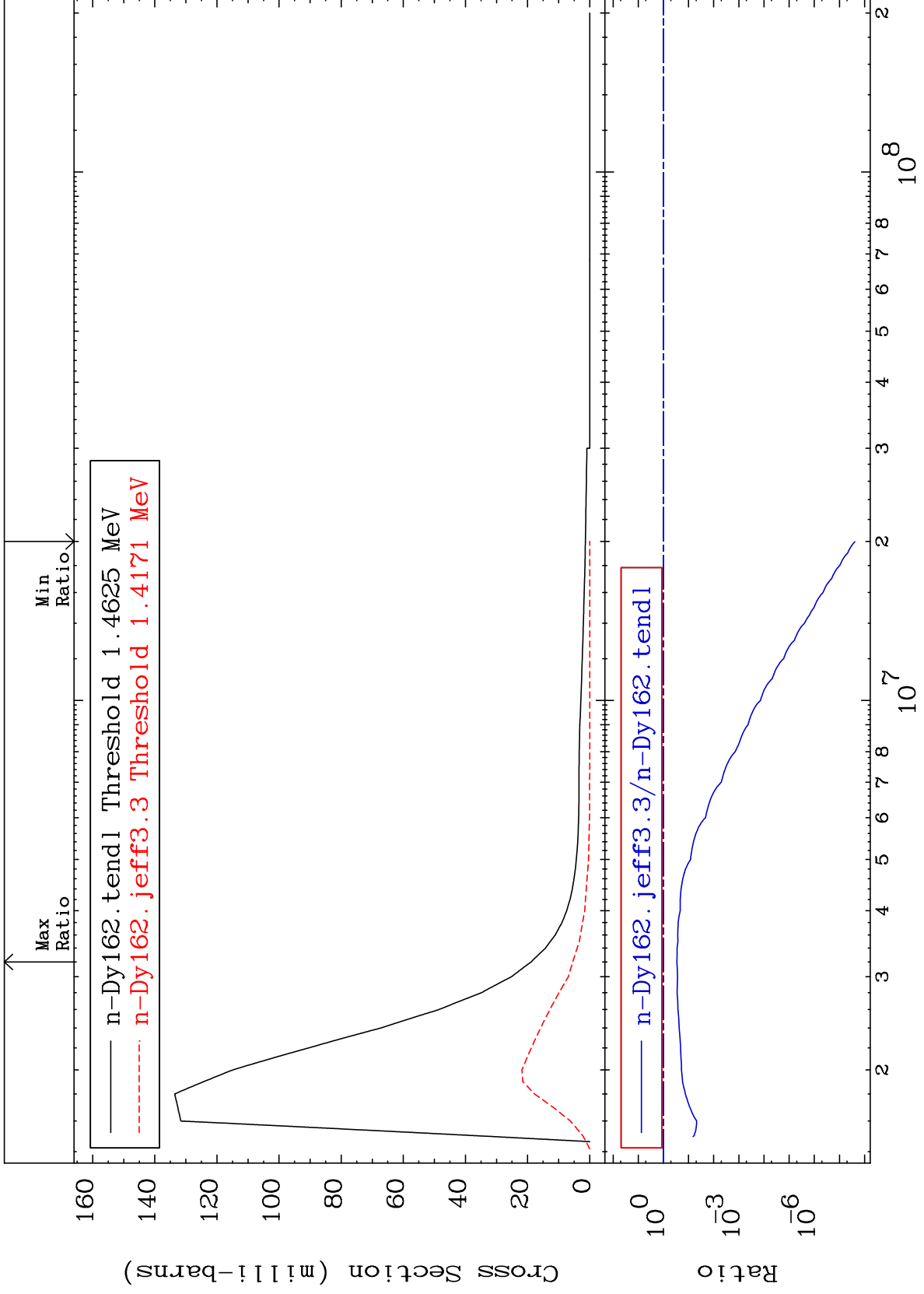
66-Dy-162
8.514 To 9999. %



MAT 6643

MT= 68 (n,n') Level
Cross Section

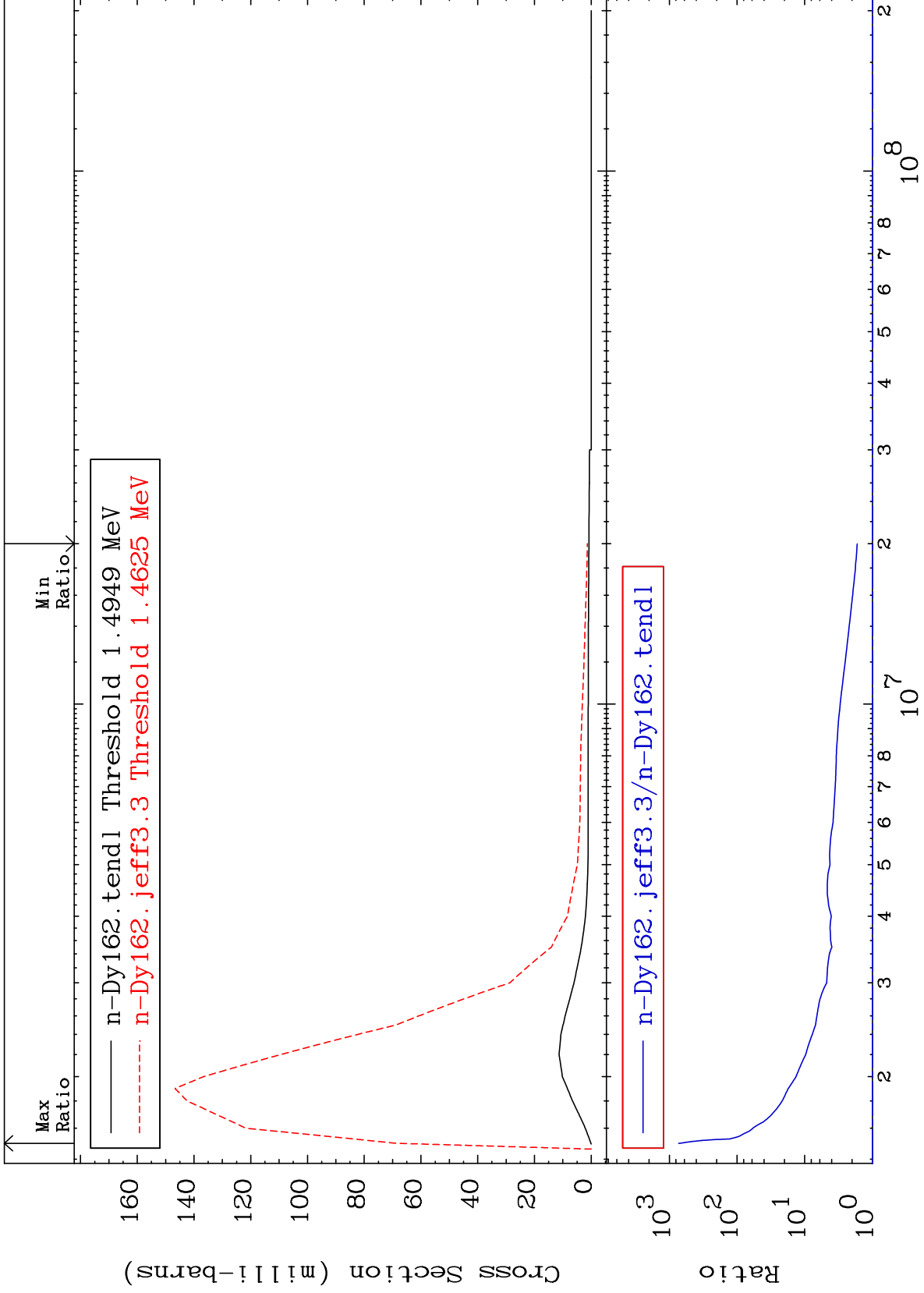
66-Dy-162
-100.0 To -71.02%



MAT 6643

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

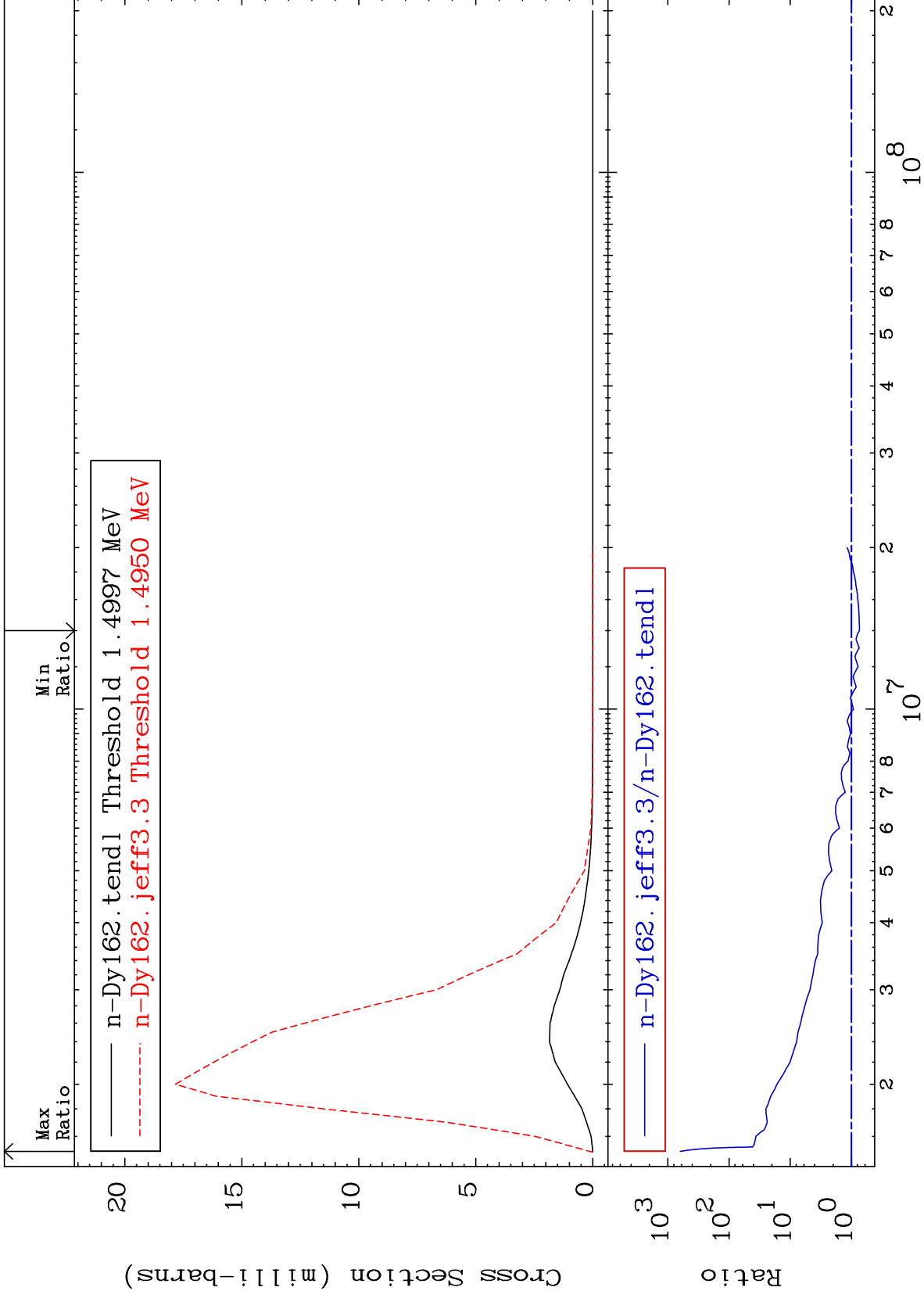
66-Dy-162
67.41 To 9999. %



MAT 6643

MT= 70 (n,n') Level
Cross Section

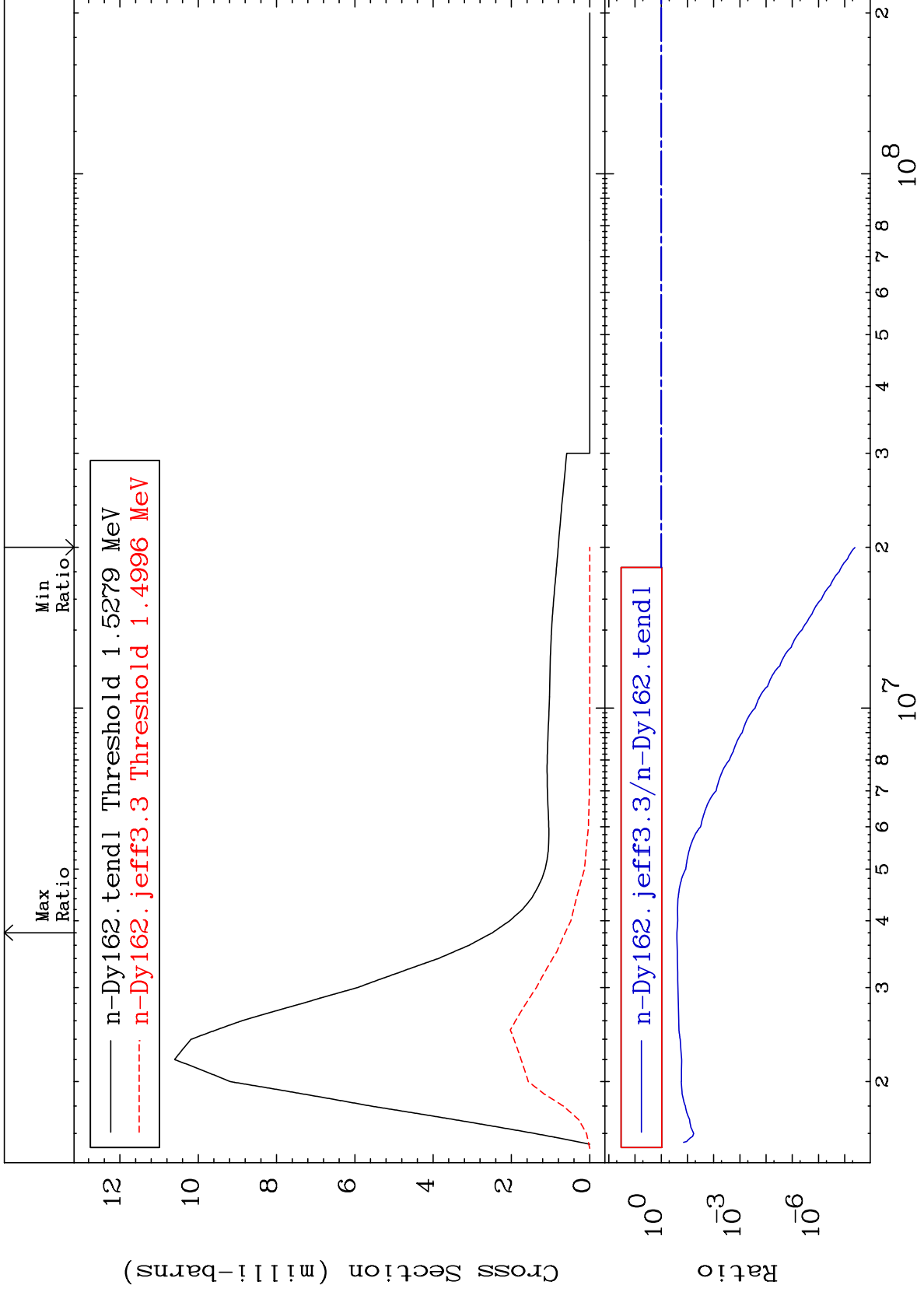
66-Dy-162
-25.82 To 9999. %



MAT 6643

MT= 71 (n,n') Level
Cross Section

66-Dy-162
-100.0 To -74.82%



30

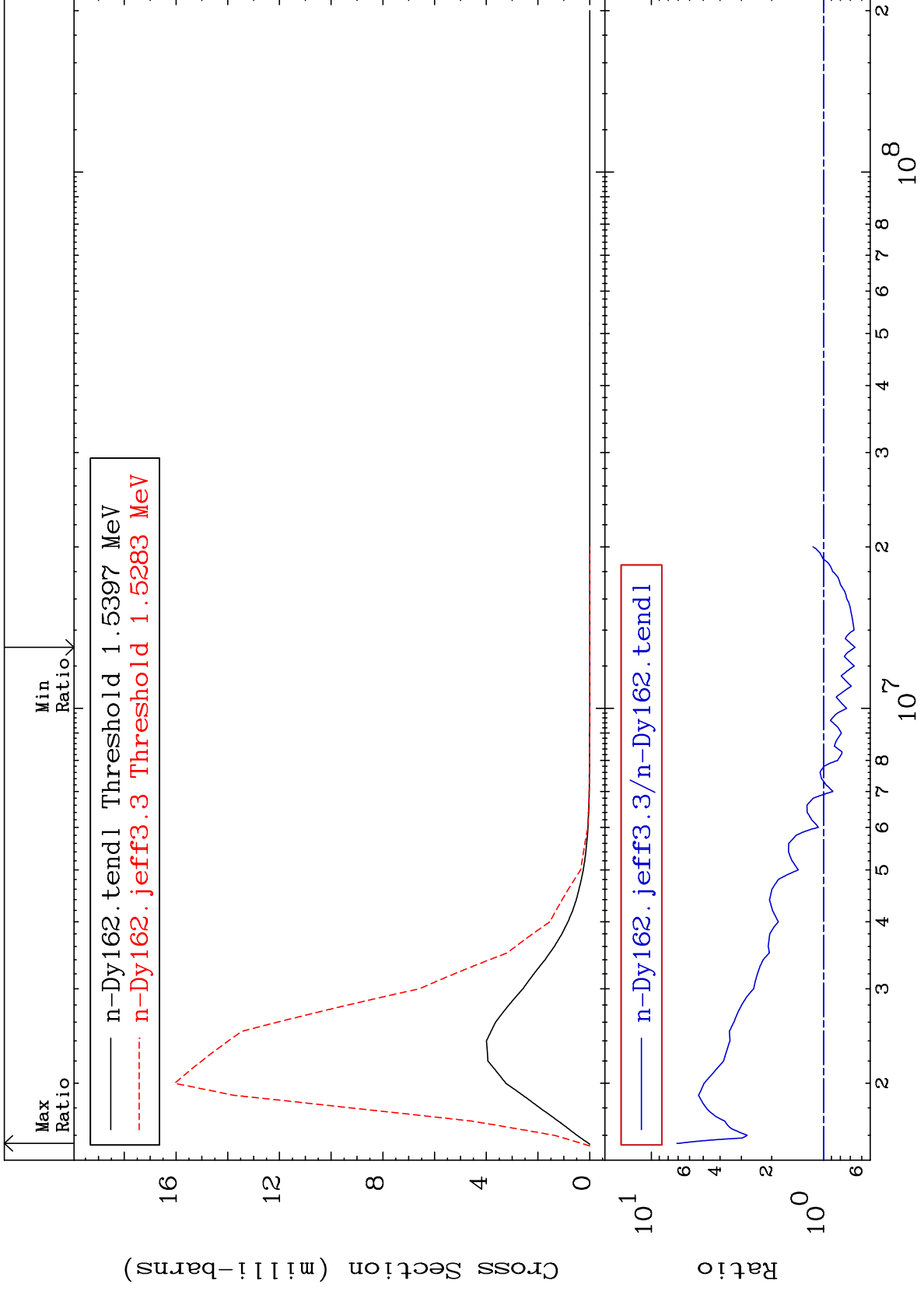
Incident Energy (eV)

66-Dy-162

MAT 6643

MT= 72 (n,n') Level
Cross Section

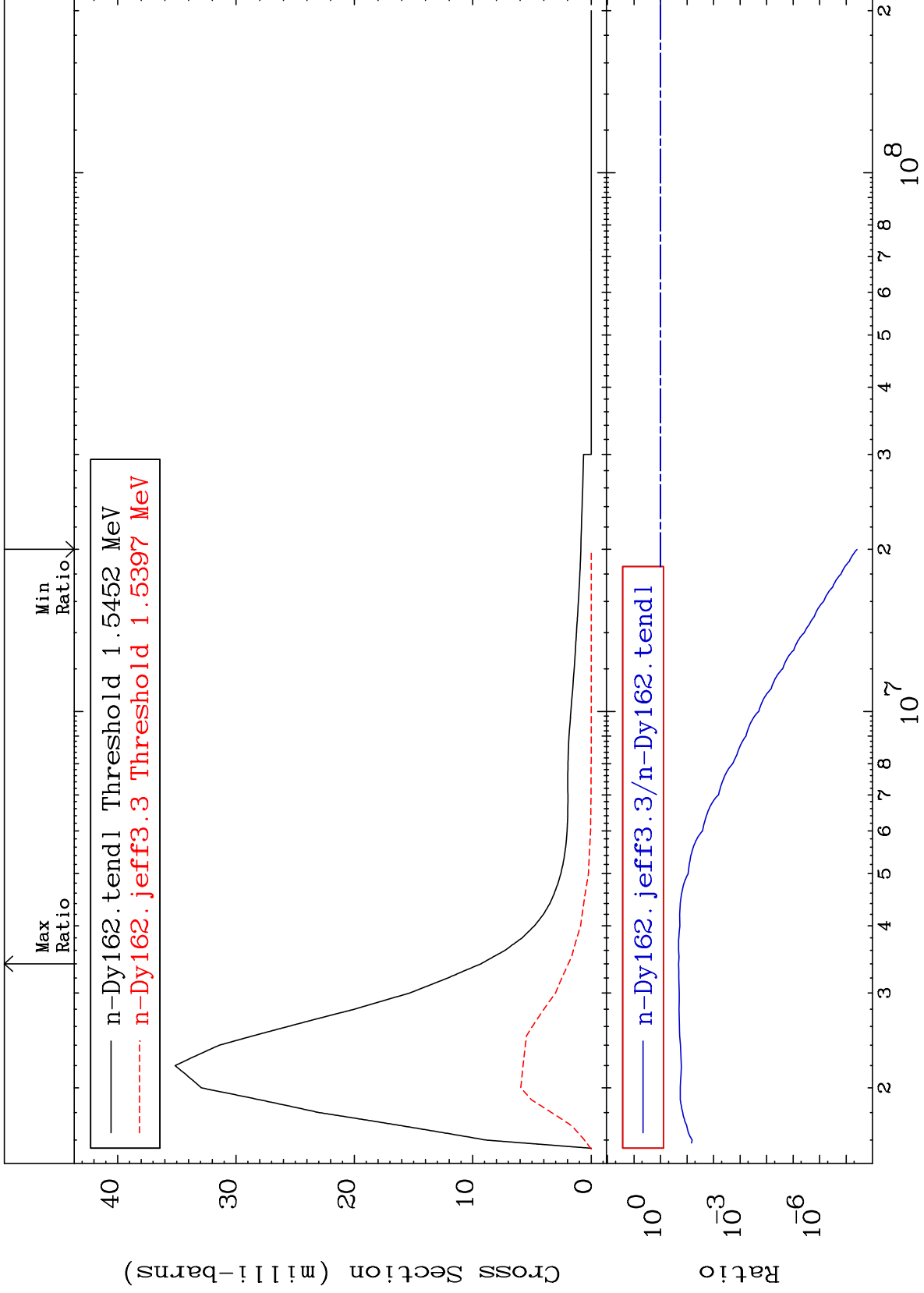
66-Dy-162
-34.35 To 611.1 %



MAT 6643

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

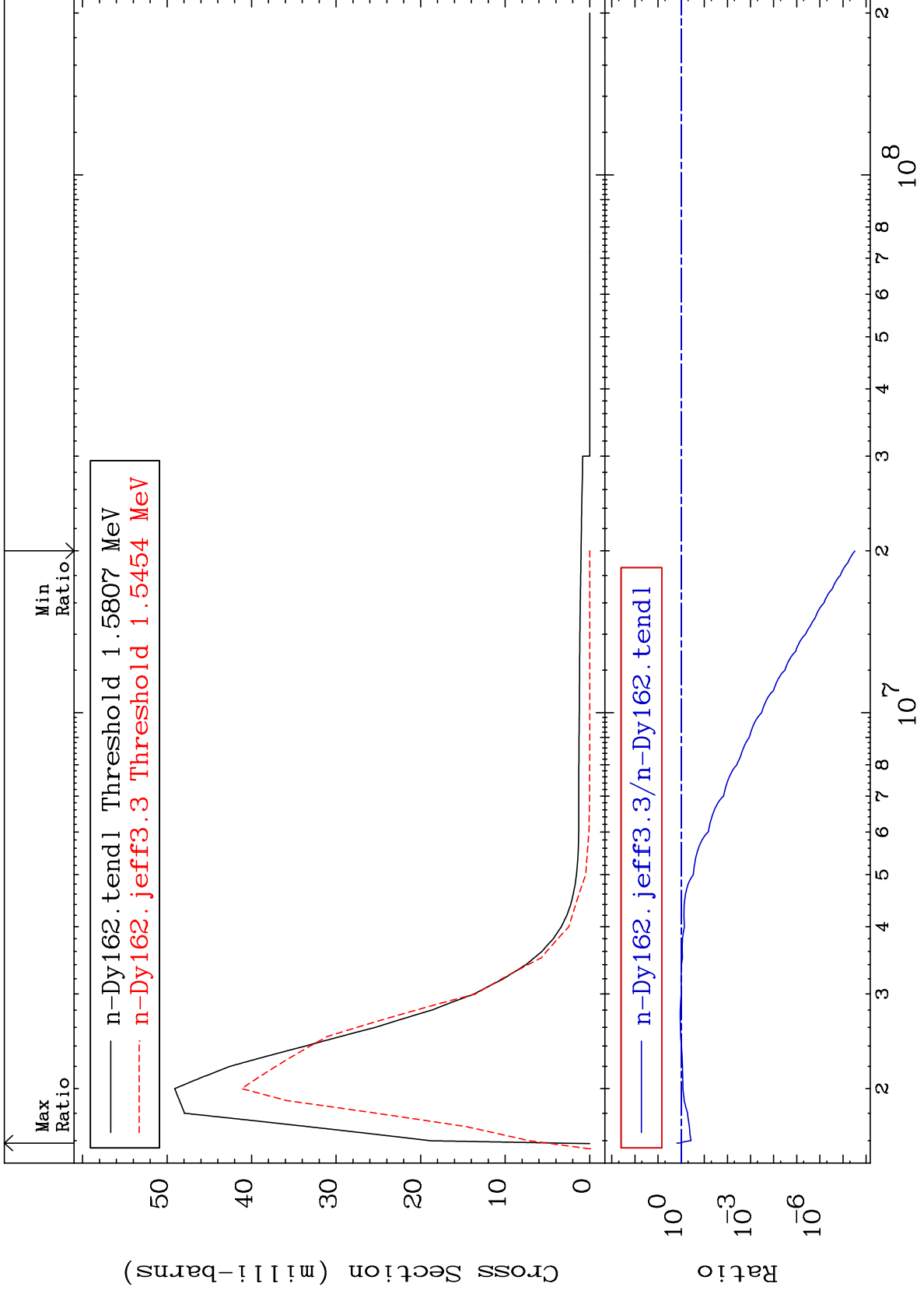
66-Dy-162
-100.0 To -79.23%



MAT 6643

MT= 74 (n, n') Level
Cross Section

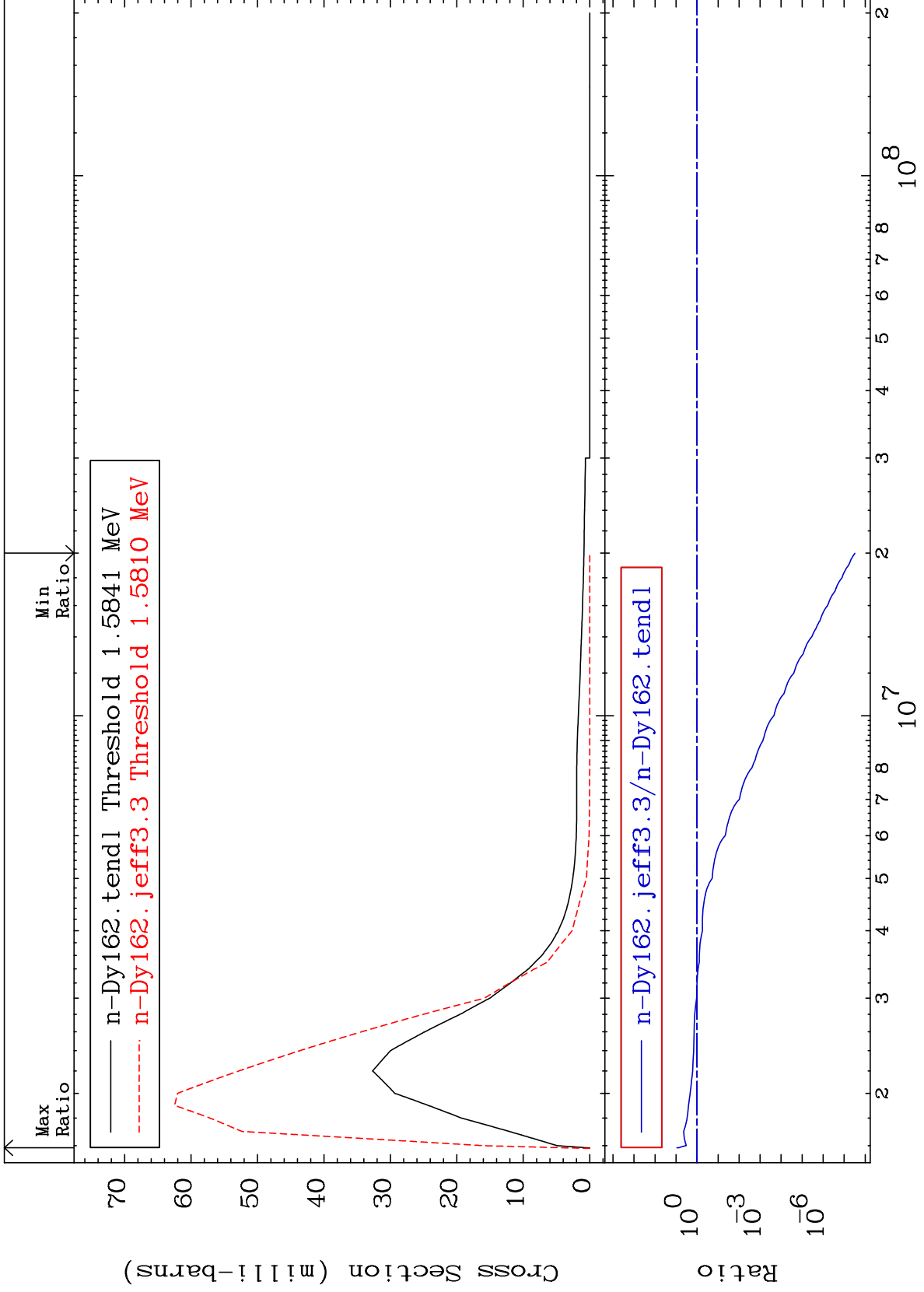
66-Dy-162
-100.0 To 52.55 %



MAT 6643

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

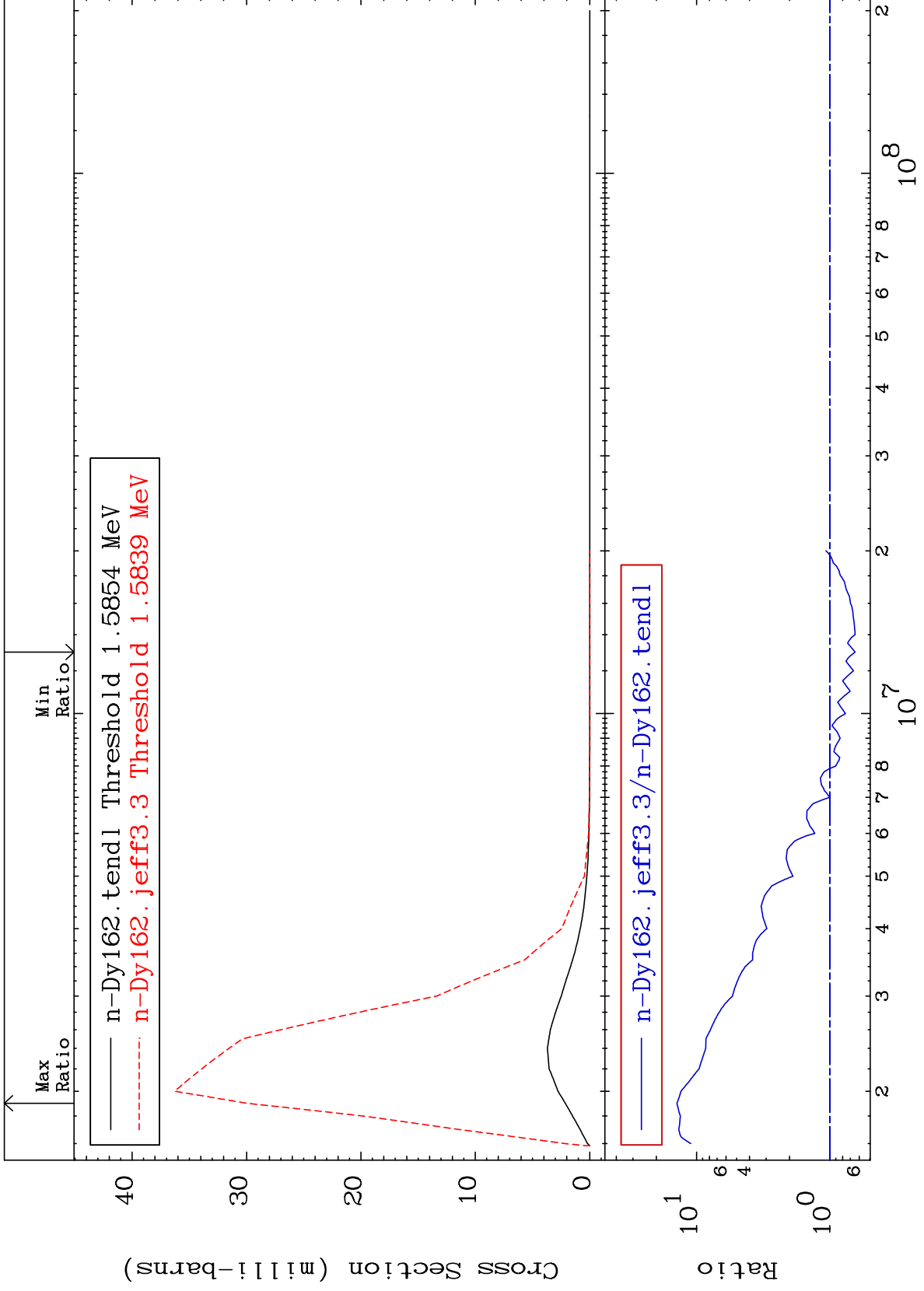
66-Dy-162
-100.0 To 806.8 %



MAT 6643

MT= 76 (n,n') Level
Cross Section

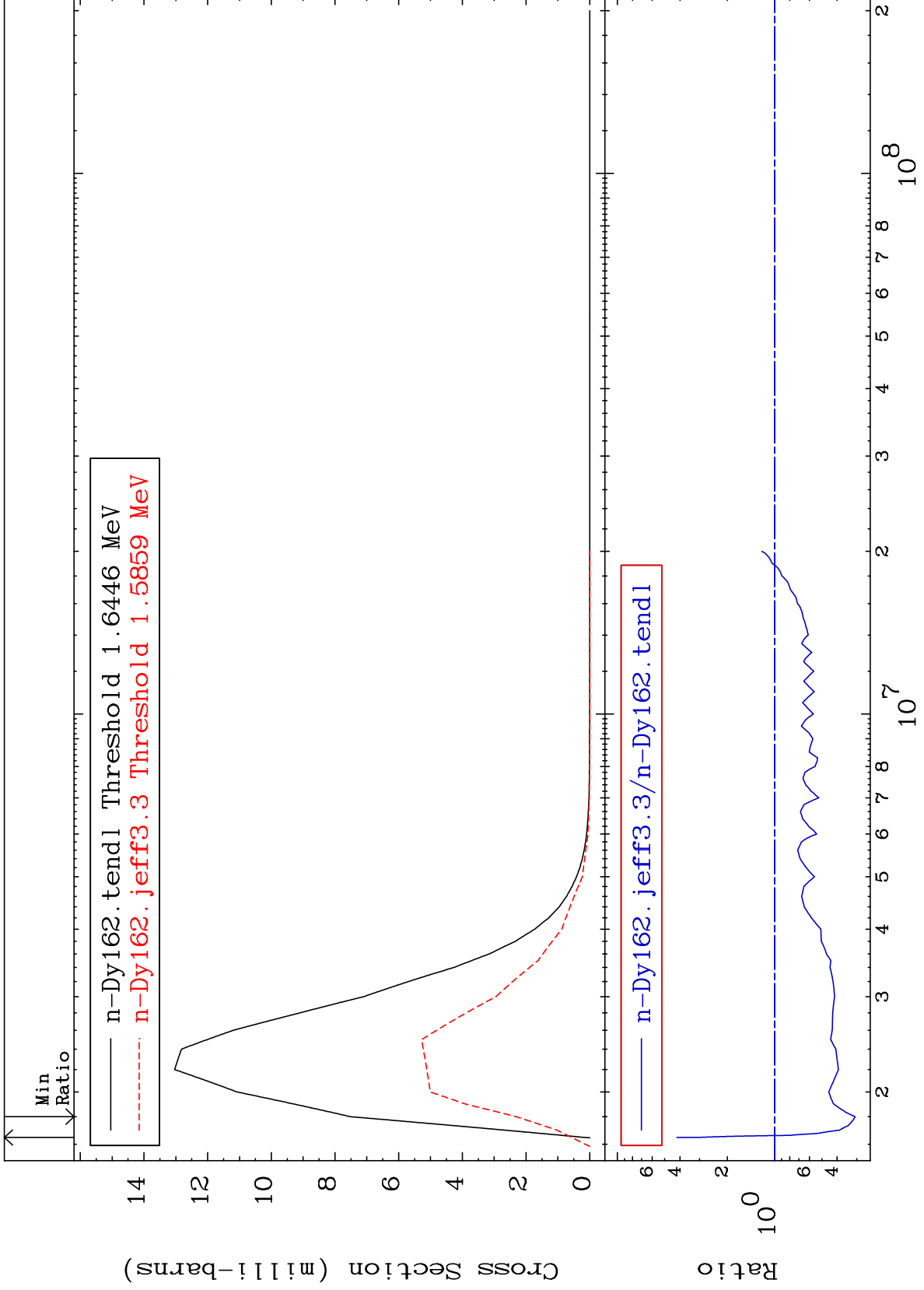
66-Dy-162
-35.52 To 1303. %



MAT 6643

MT= 77 (n,n') Level
Cross Section

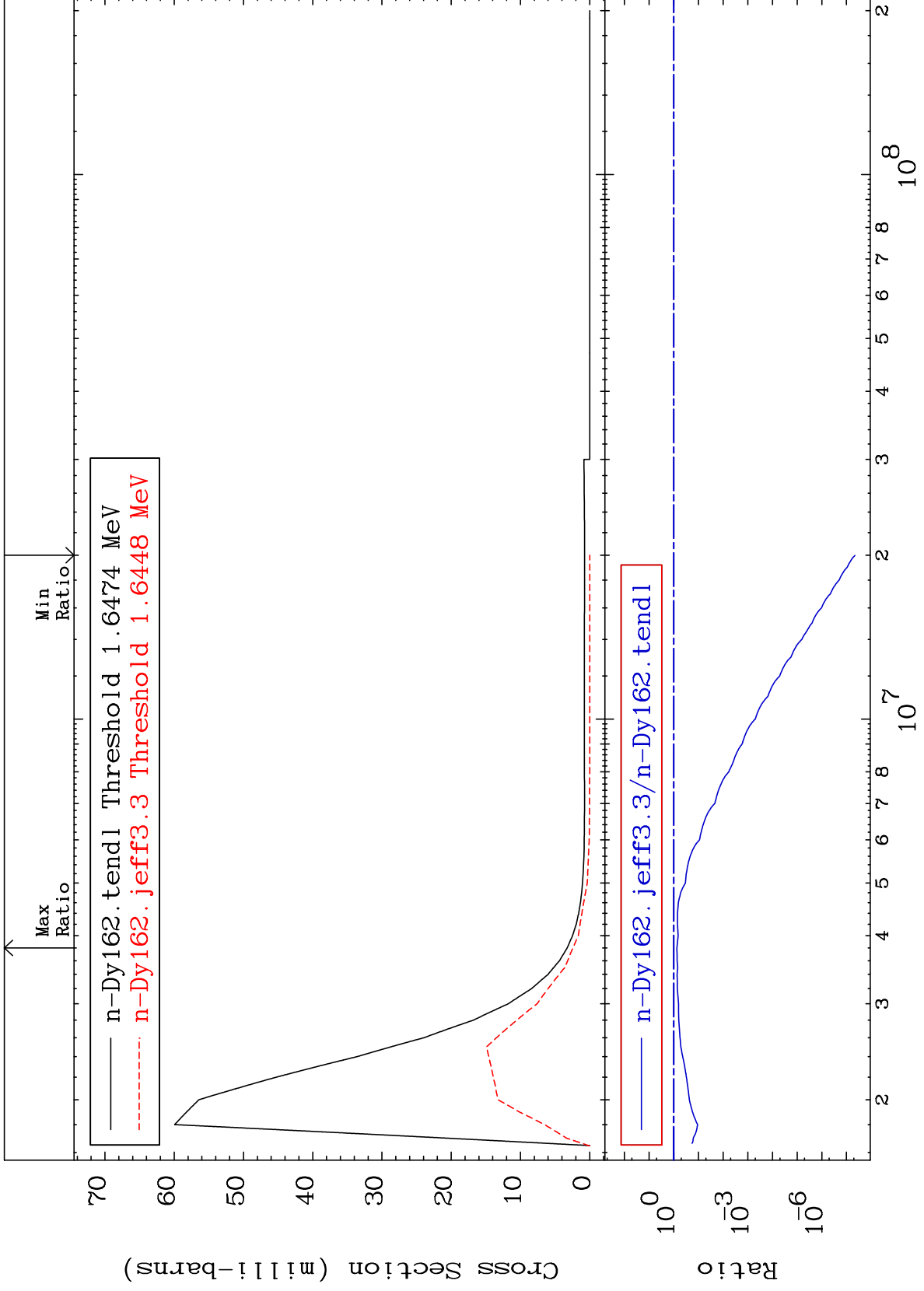
66-Dy-162
-69.28 To 317.8 %



MAT 6643

MT= 78 (n,n') Level
Cross Section

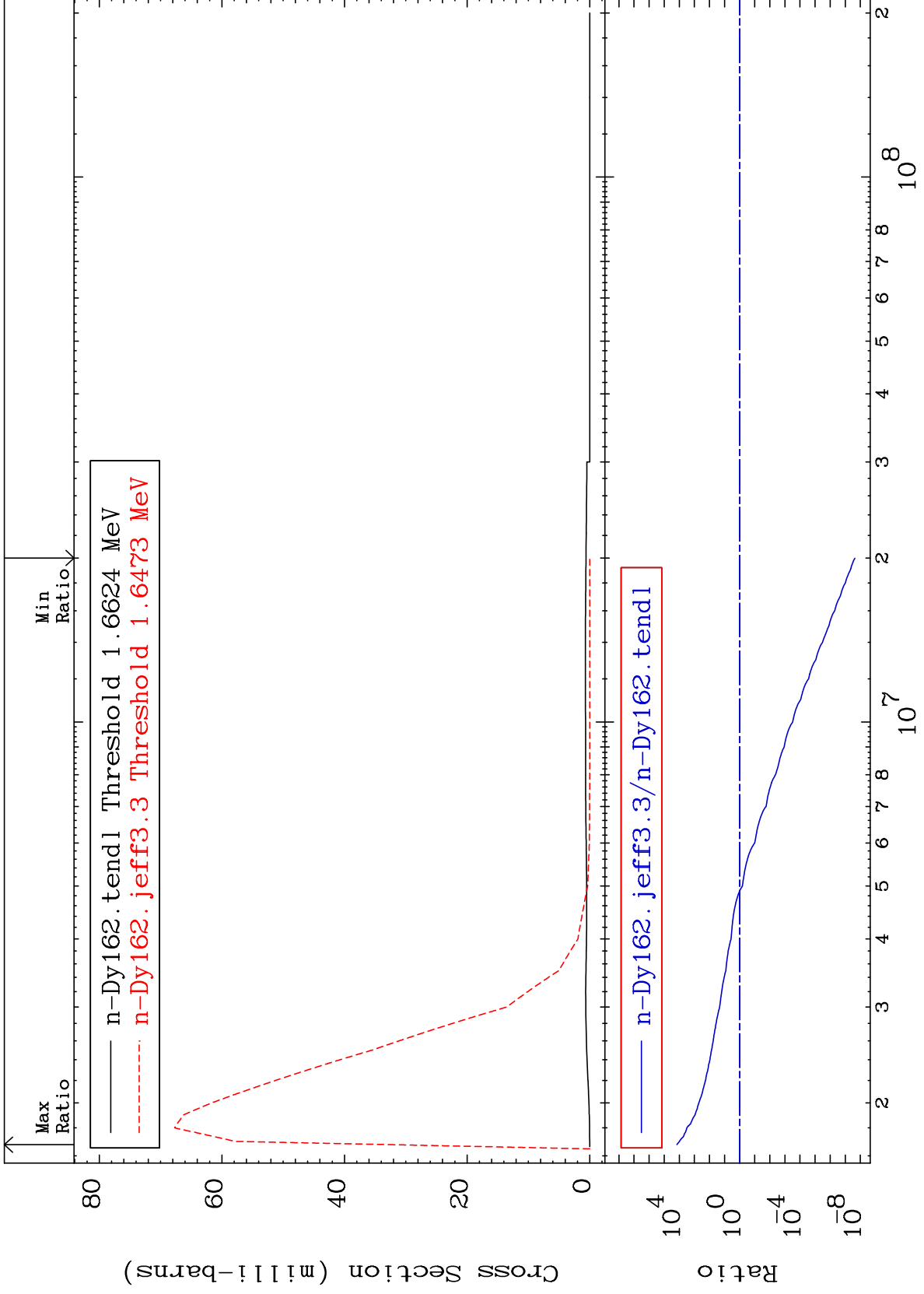
66-Dy-162
-100.0 To -25.41%



MAT 6643

MT= 79 (n,n') Level
Cross Section

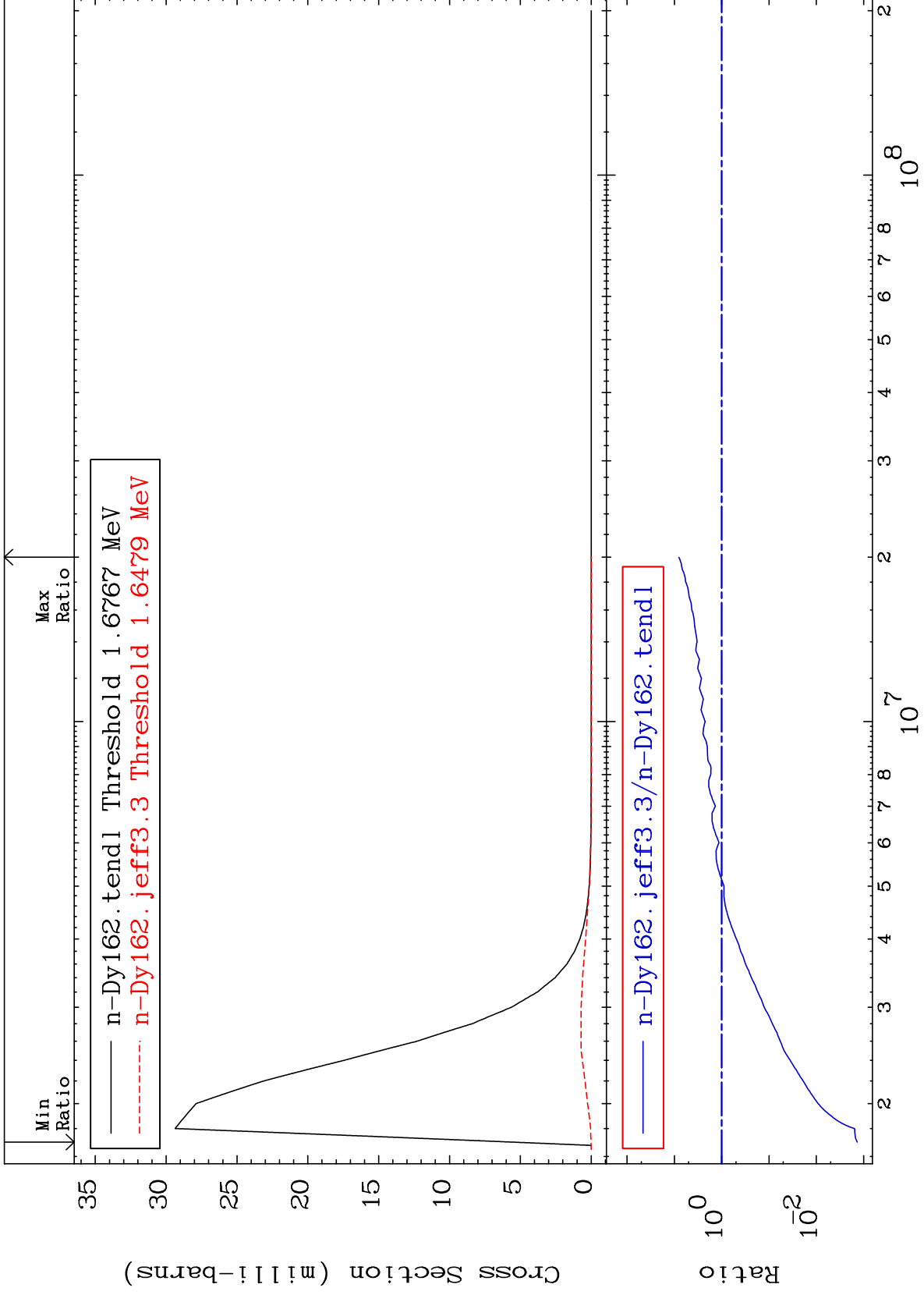
66-Dy-162
-100.0 To 9999. %



MAT 6643

MT= 80 (n, n') Level
Cross Section

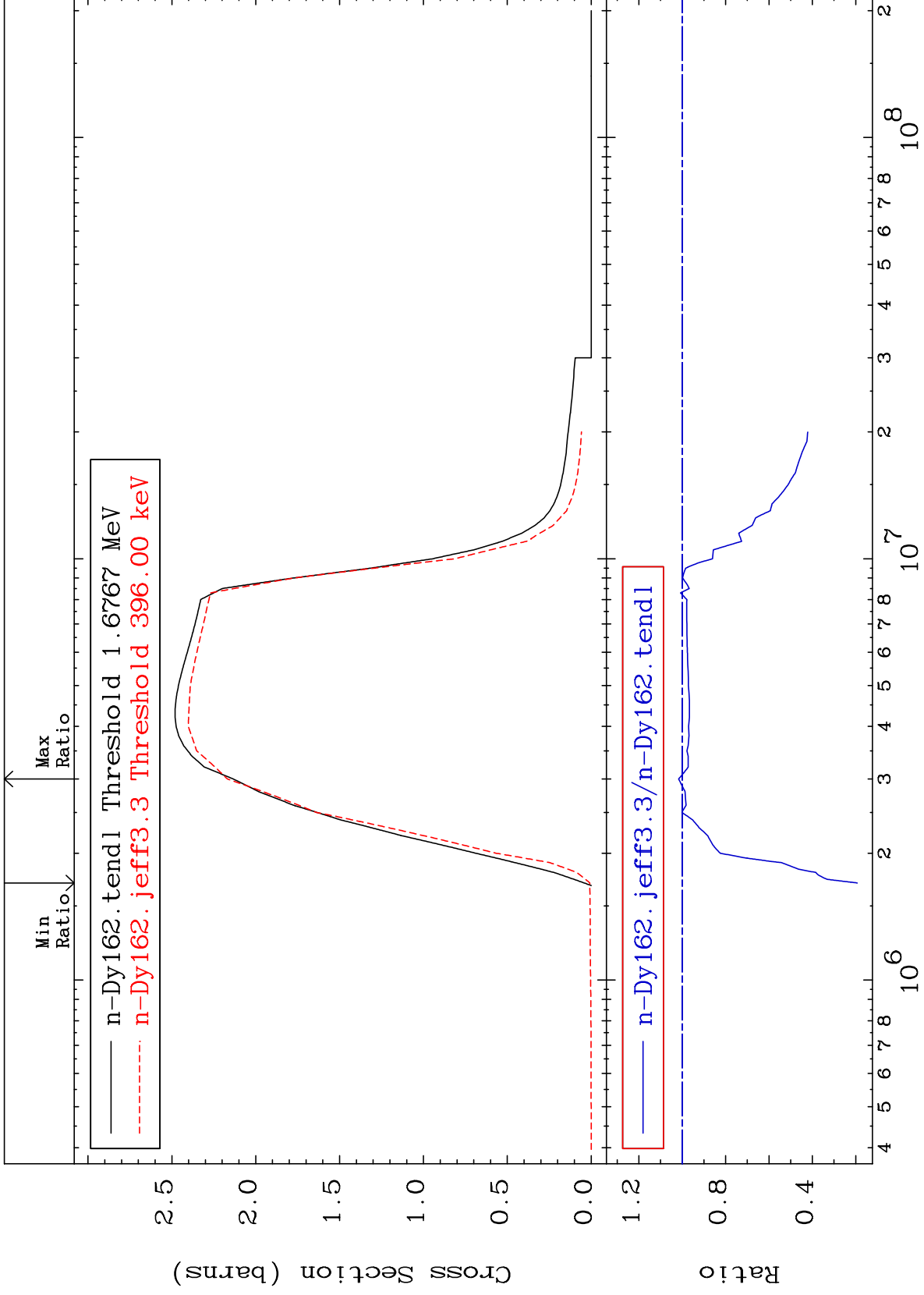
66-Dy-162
-99.86 To 713.9 %



MAT 6643

(n, n') Continuum
Cross Section

66-Dy-162
-80.69 To 1.659 %



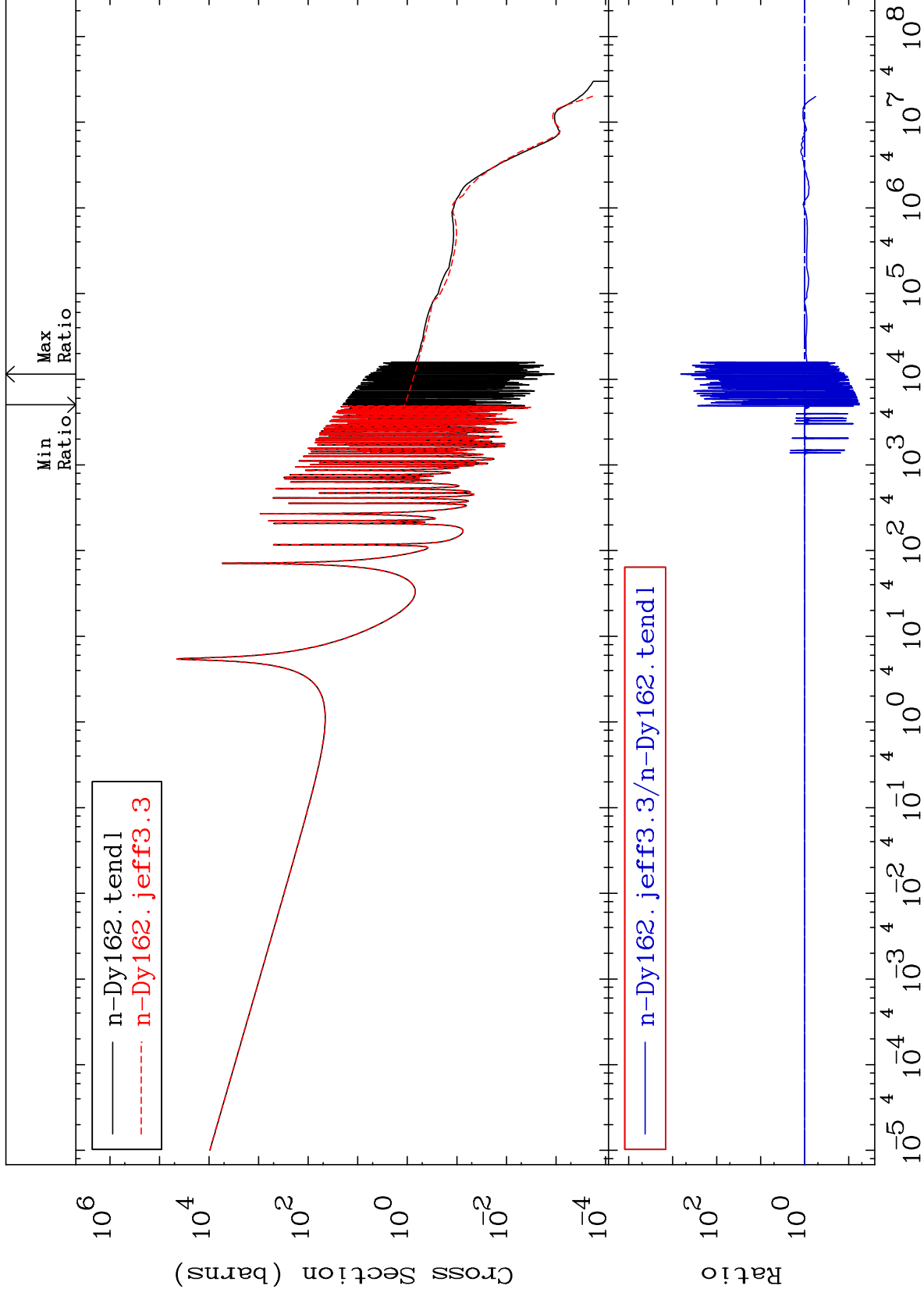
MAT 6643

(n, γ)

66-Dy-162

Cross Section

-94.34 To 9999. %



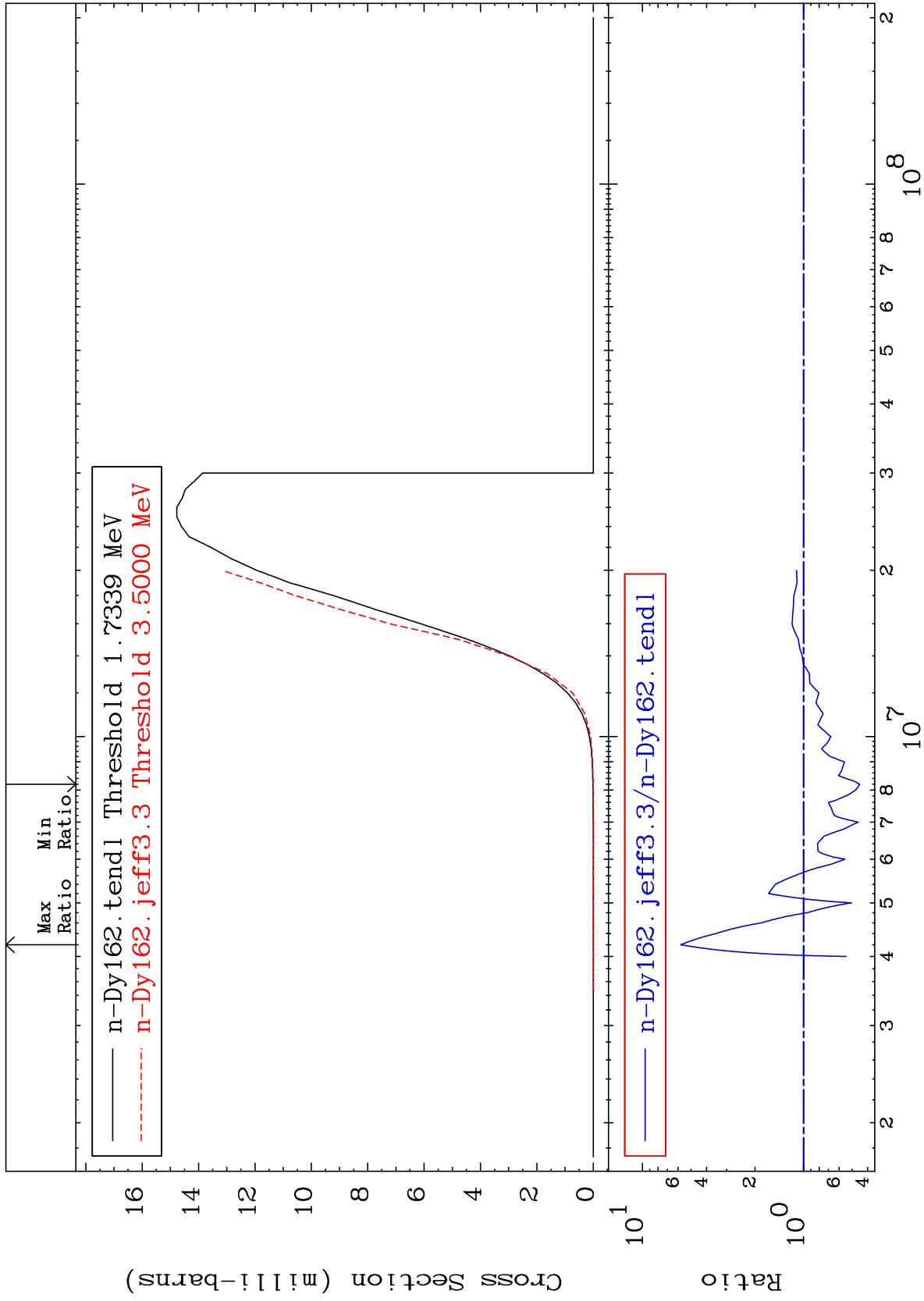
MAT 6643

(n,p)

66-Dy-162

Cross Section

-55.14 To 477.5 %



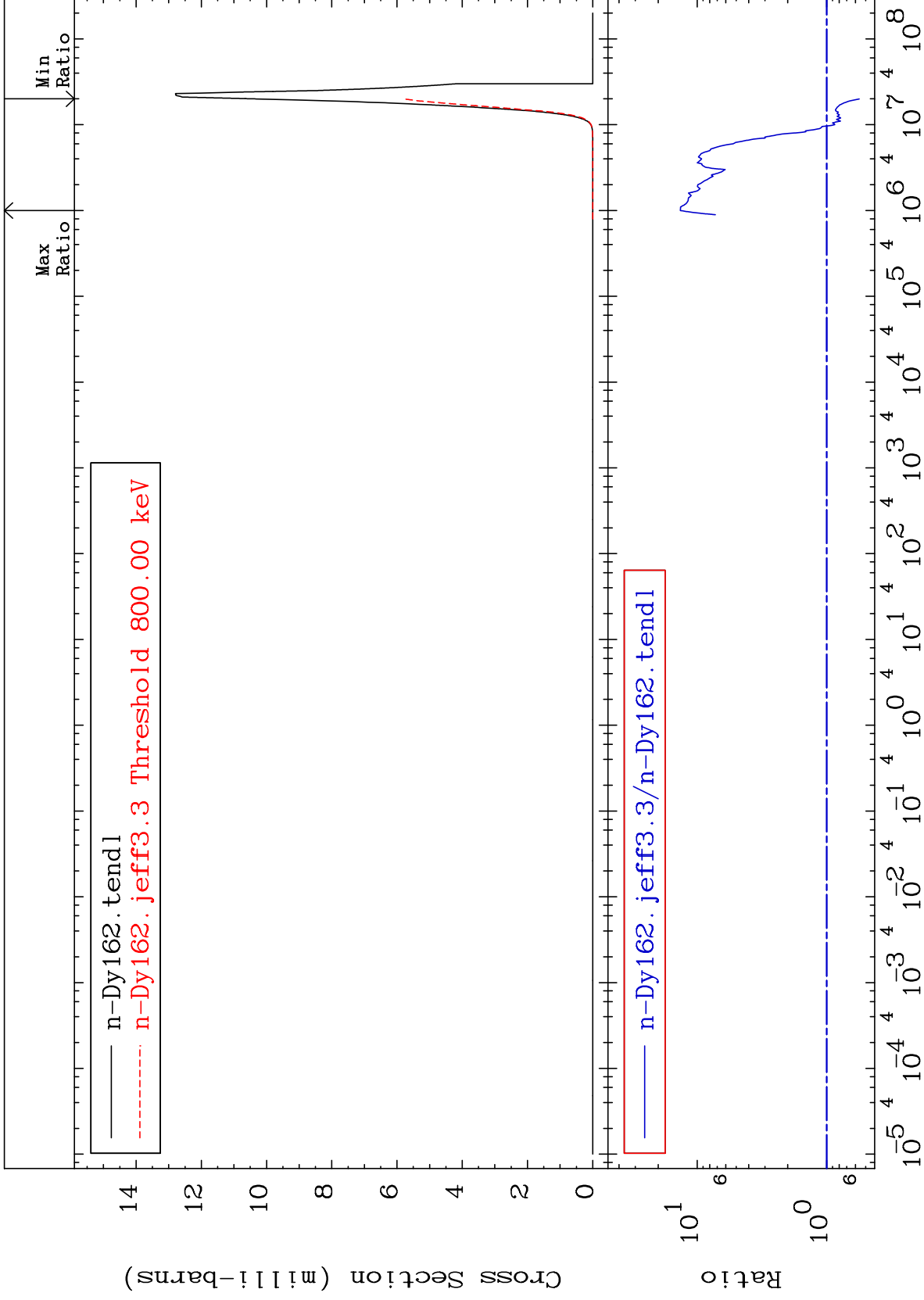
MAT 6643

(n, α)

66-Dy-162

Cross Section

-44.11 To 1247. %



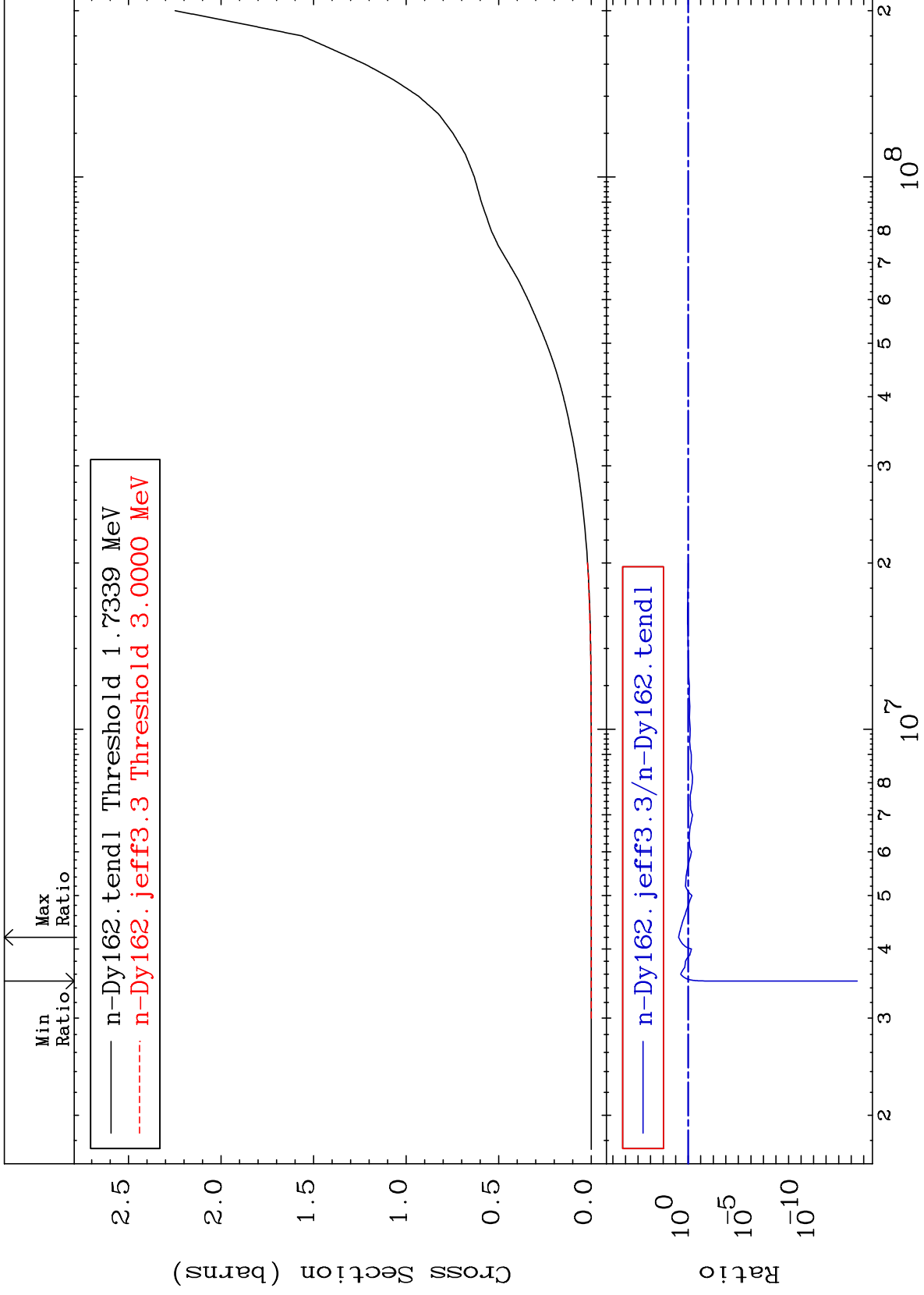
— n-Dy162.tendl
- - - n-Dy162.jeff3.3 Threshold 800.00 keV

— n-Dy162.jeff3.3/n-Dy162.tendl

MAT 6643

Hydrogen Production
Cross Section

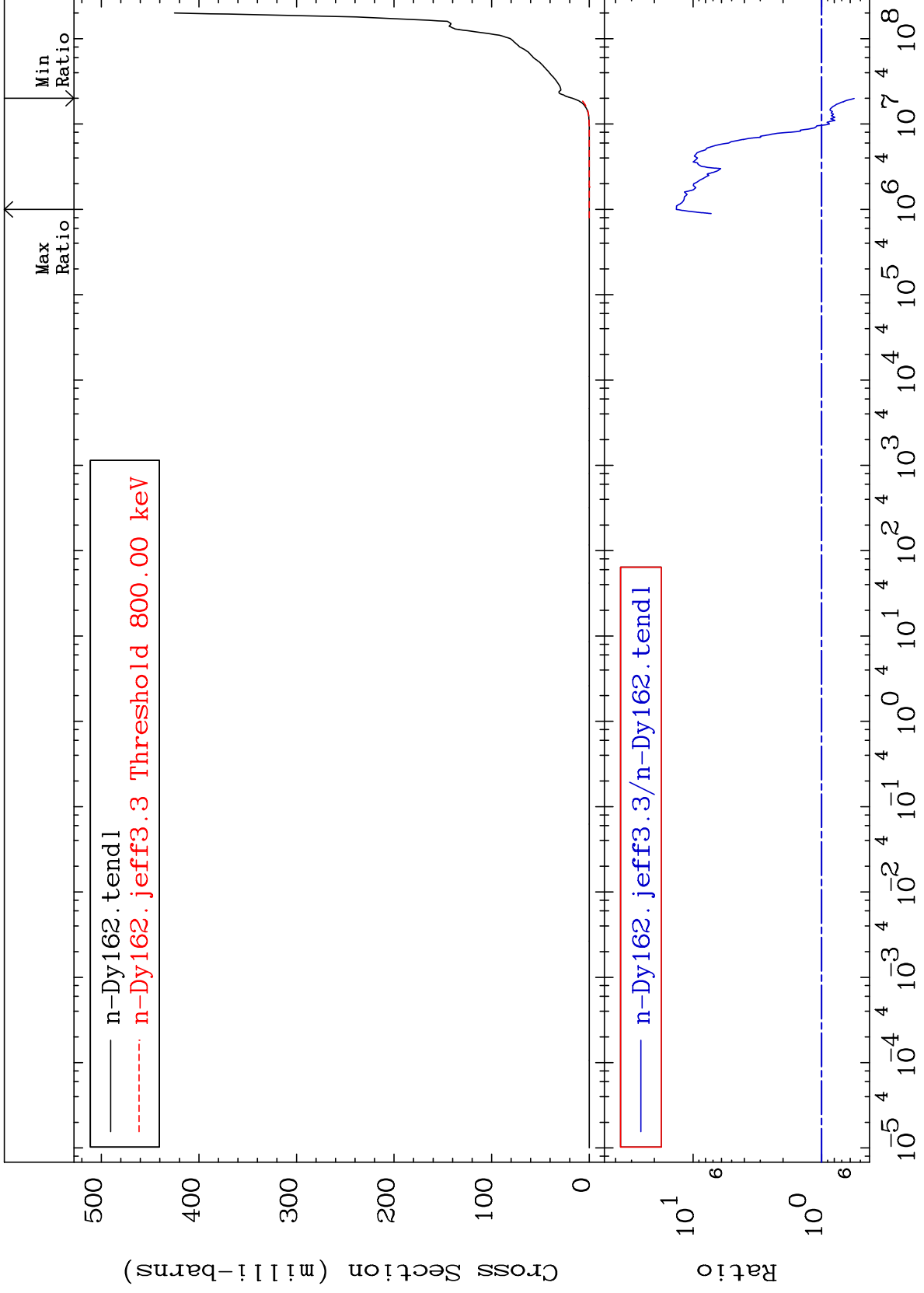
66-Dy-162
-100.0 To 477.5 %



MAT 6643

He-4 Production
Cross Section

66-Dy-162
-44.26 To 1247. %



45

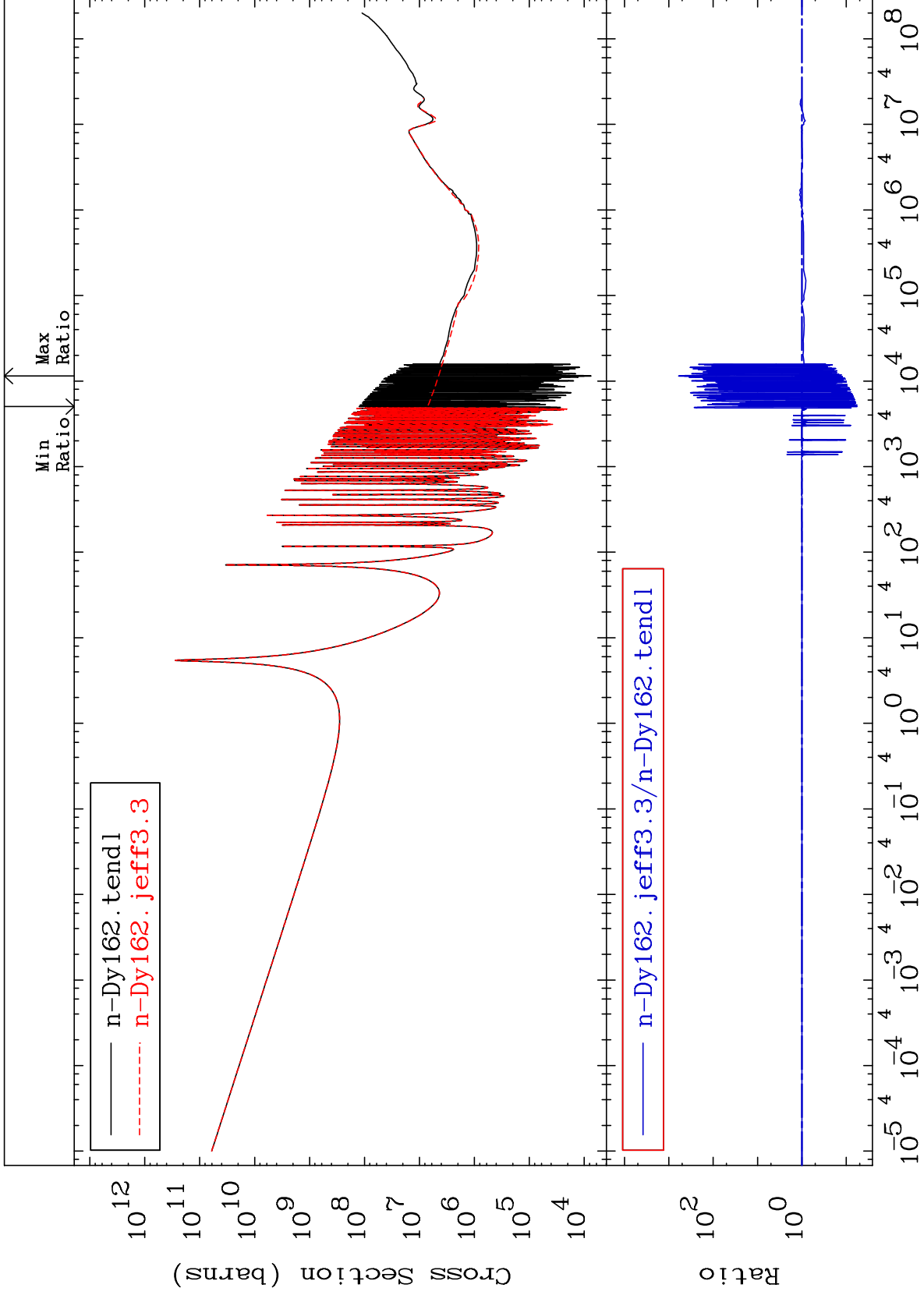
Incident Energy (eV)

66-Dy-162

MAT 6643

Kerma total (eV-barns)
Cross Section

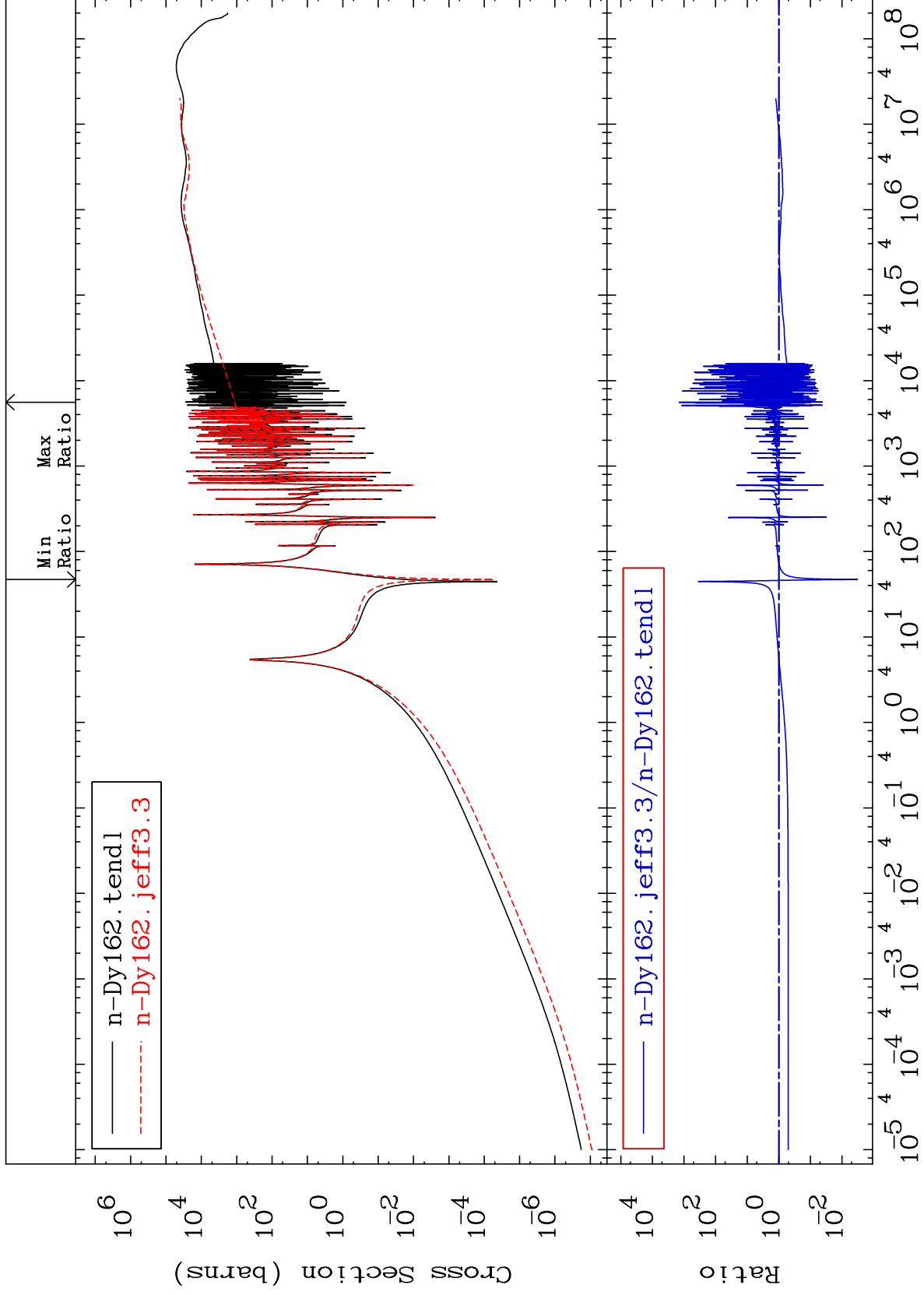
66-Dy-162
-94.34 To 9999. %



MAT 6643

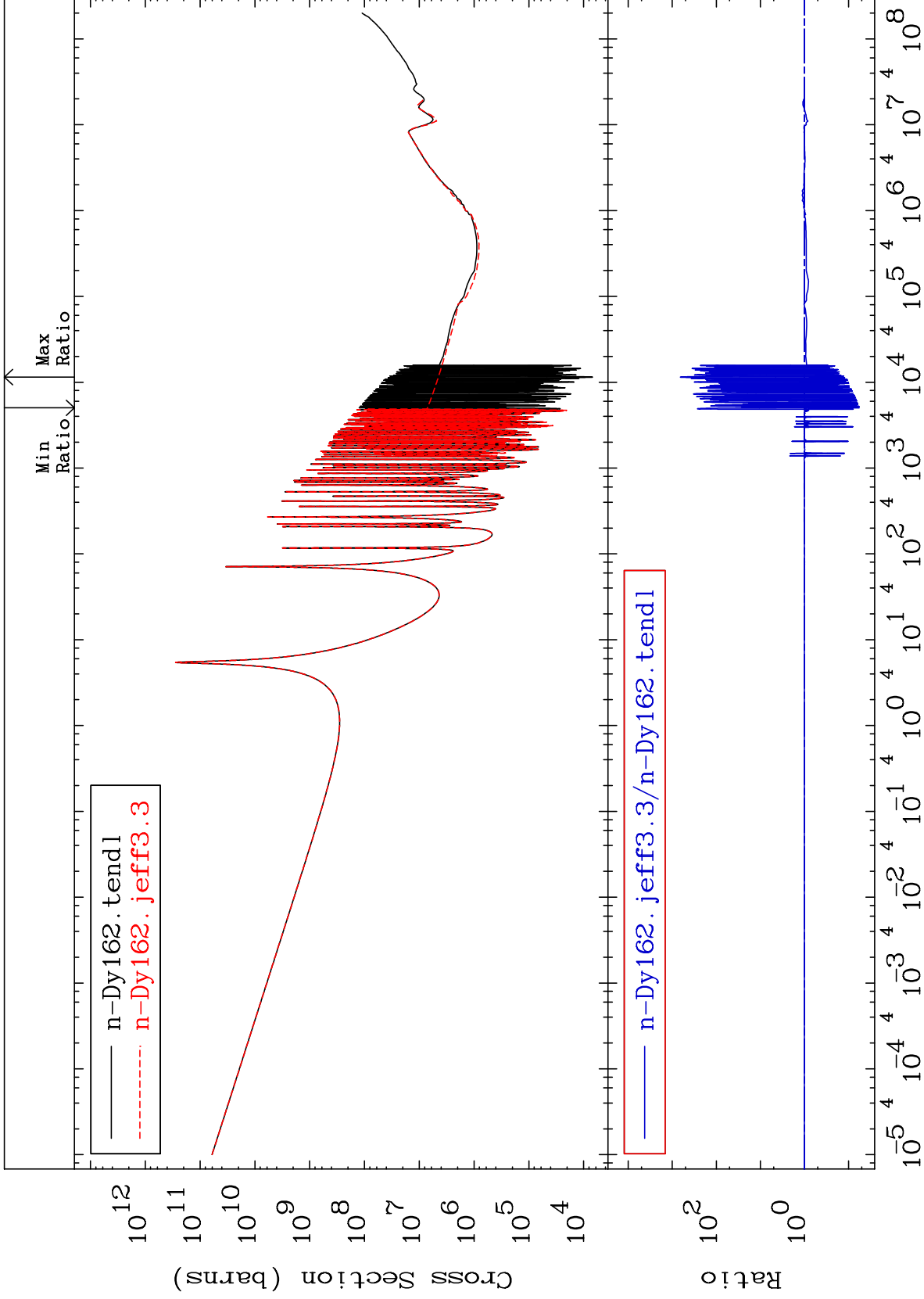
Kerma elastic
Cross Section

66-Dy-162
-99.67 To 9999. %



— n-Dy162.tendl
- - - n-Dy162.jeff3.3

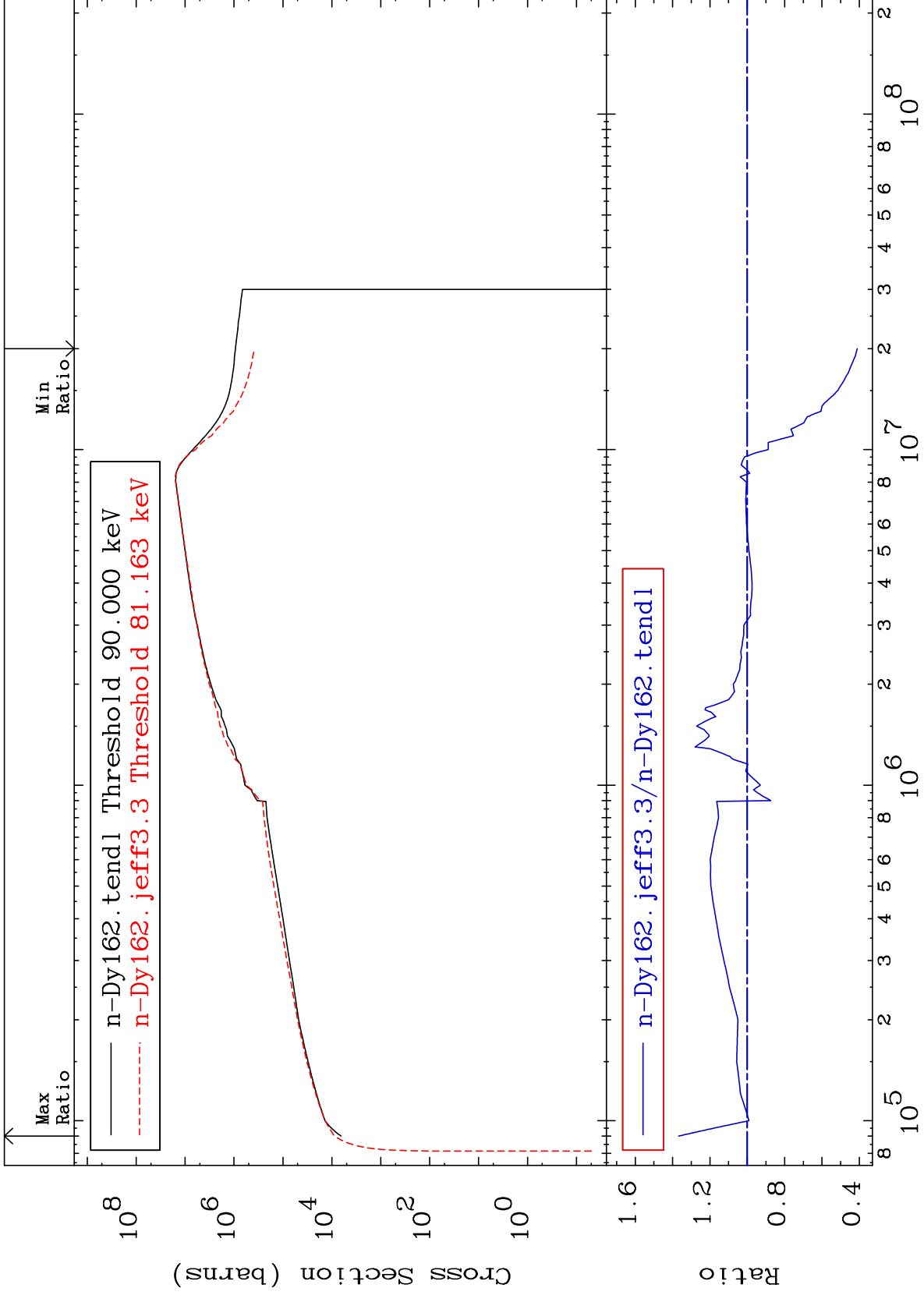
— n-Dy162.jeff3.3/n-Dy162.tendl



MAT 6643

Kerma inelastic (mt51-91)
Cross Section

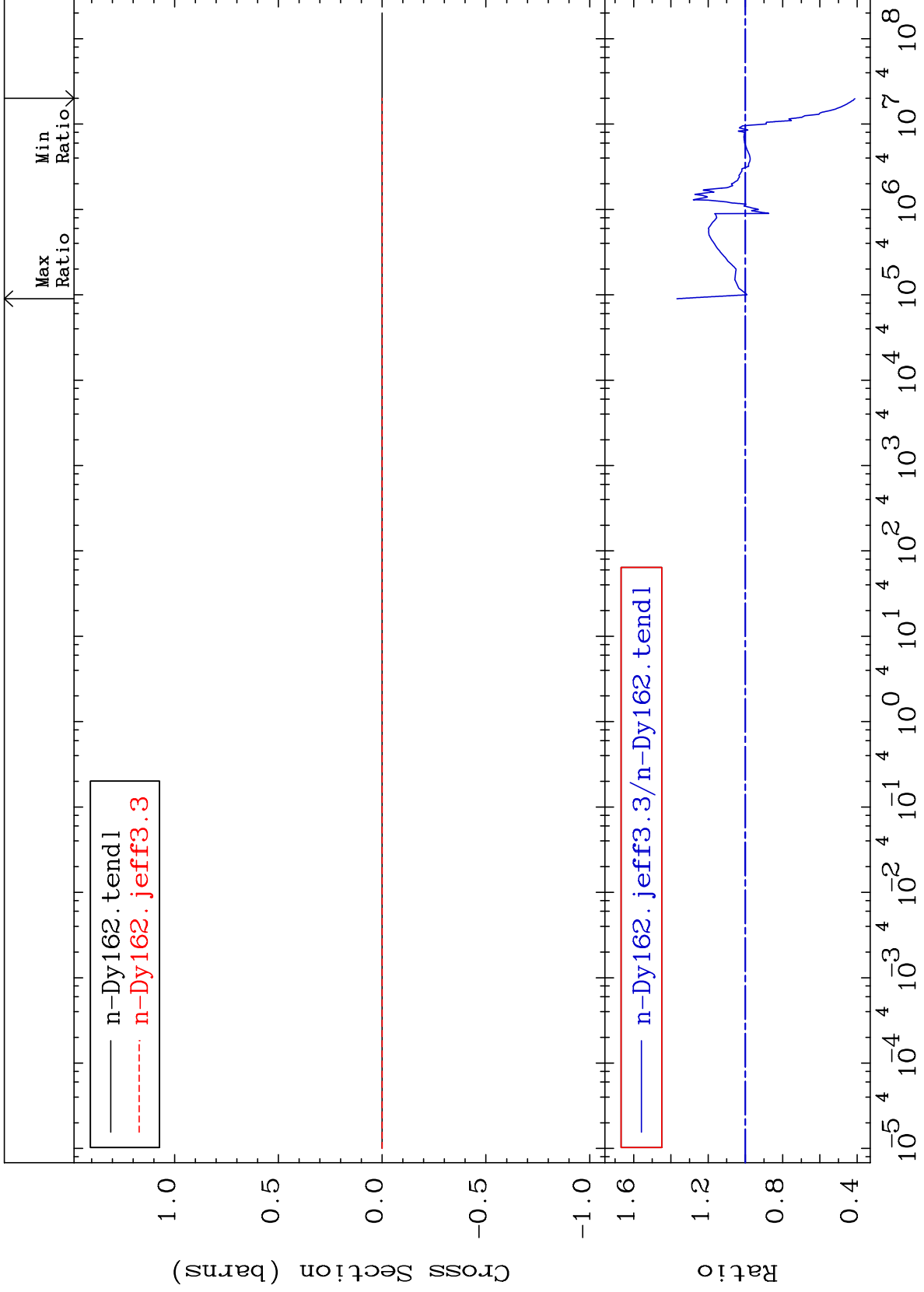
66-Dy-162
-58.91 To 36.77 %

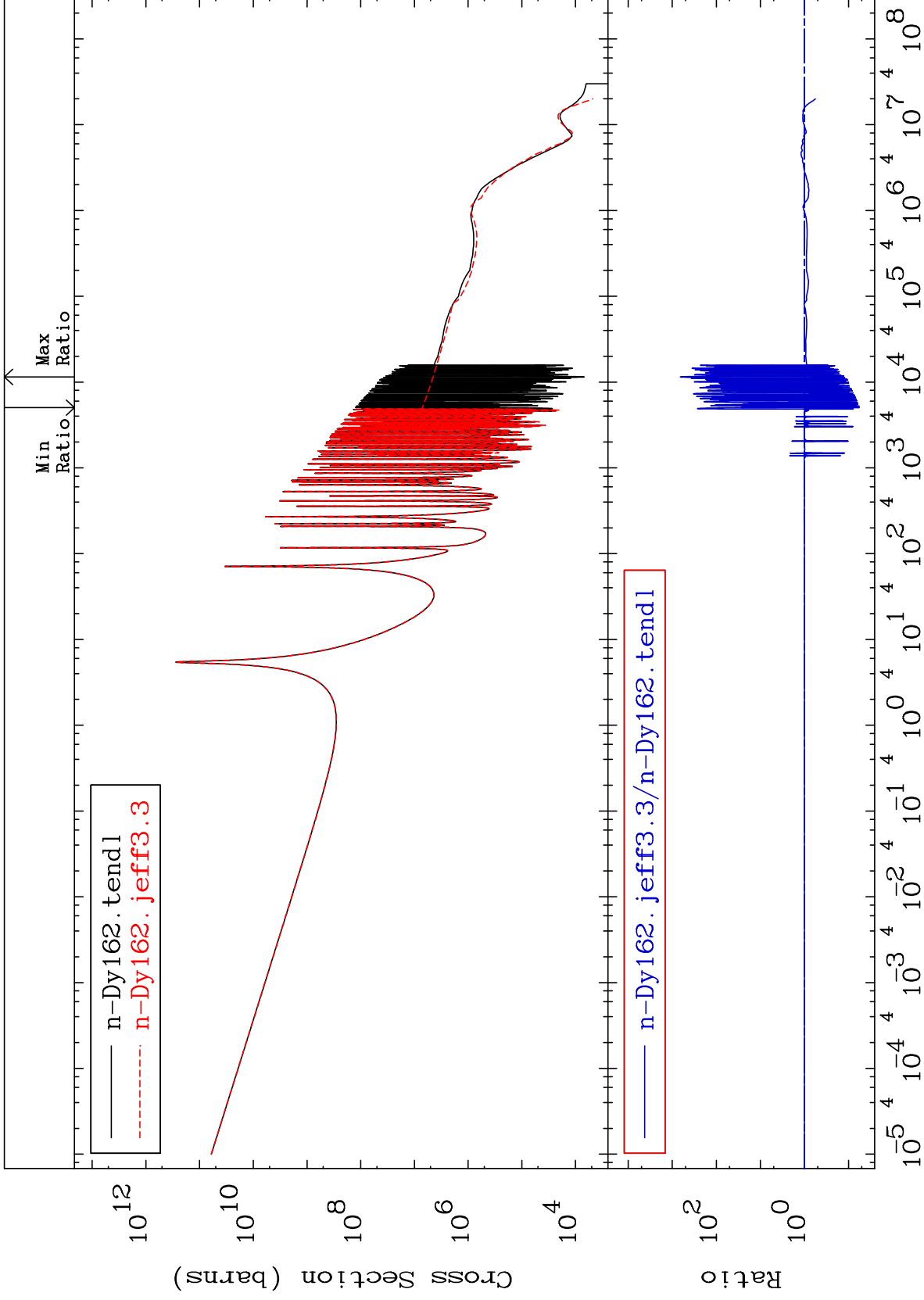


MAT 6643

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

66-Dy-162
-58.91 To 36.77 %

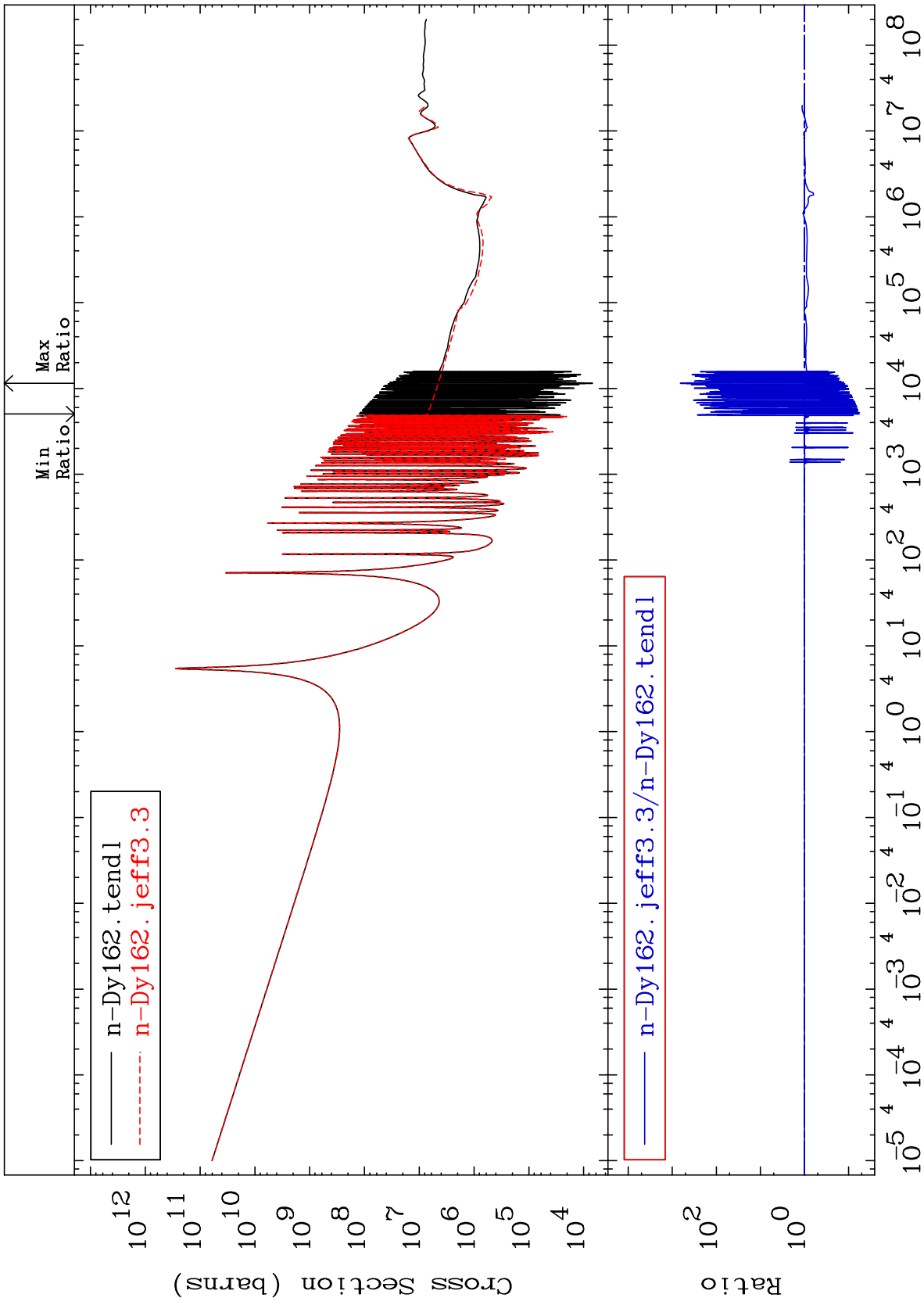


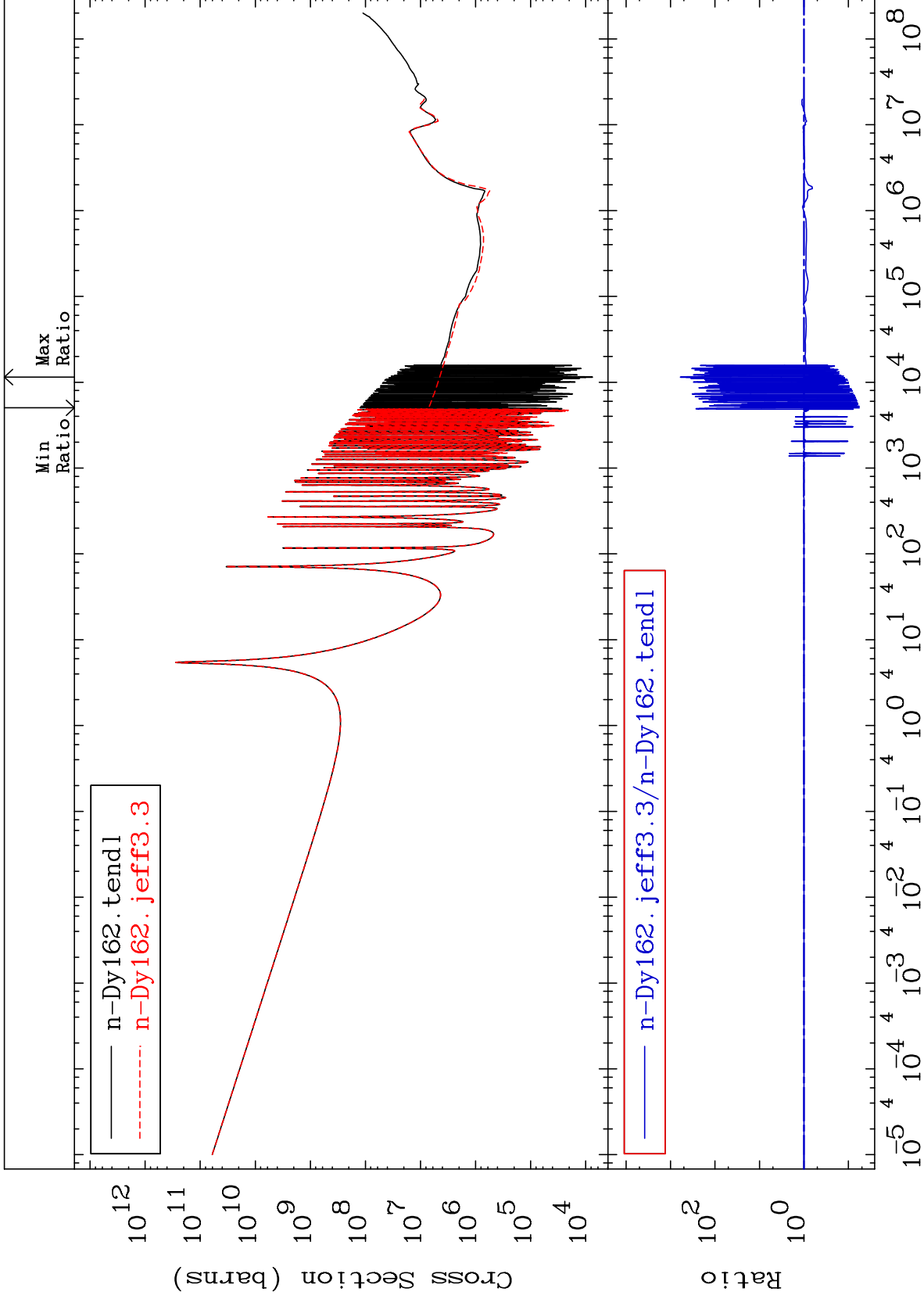


MAT 6643

Total photon (eV-barns)
Cross Section

66-Dy-162
-94.34 To 9999. %

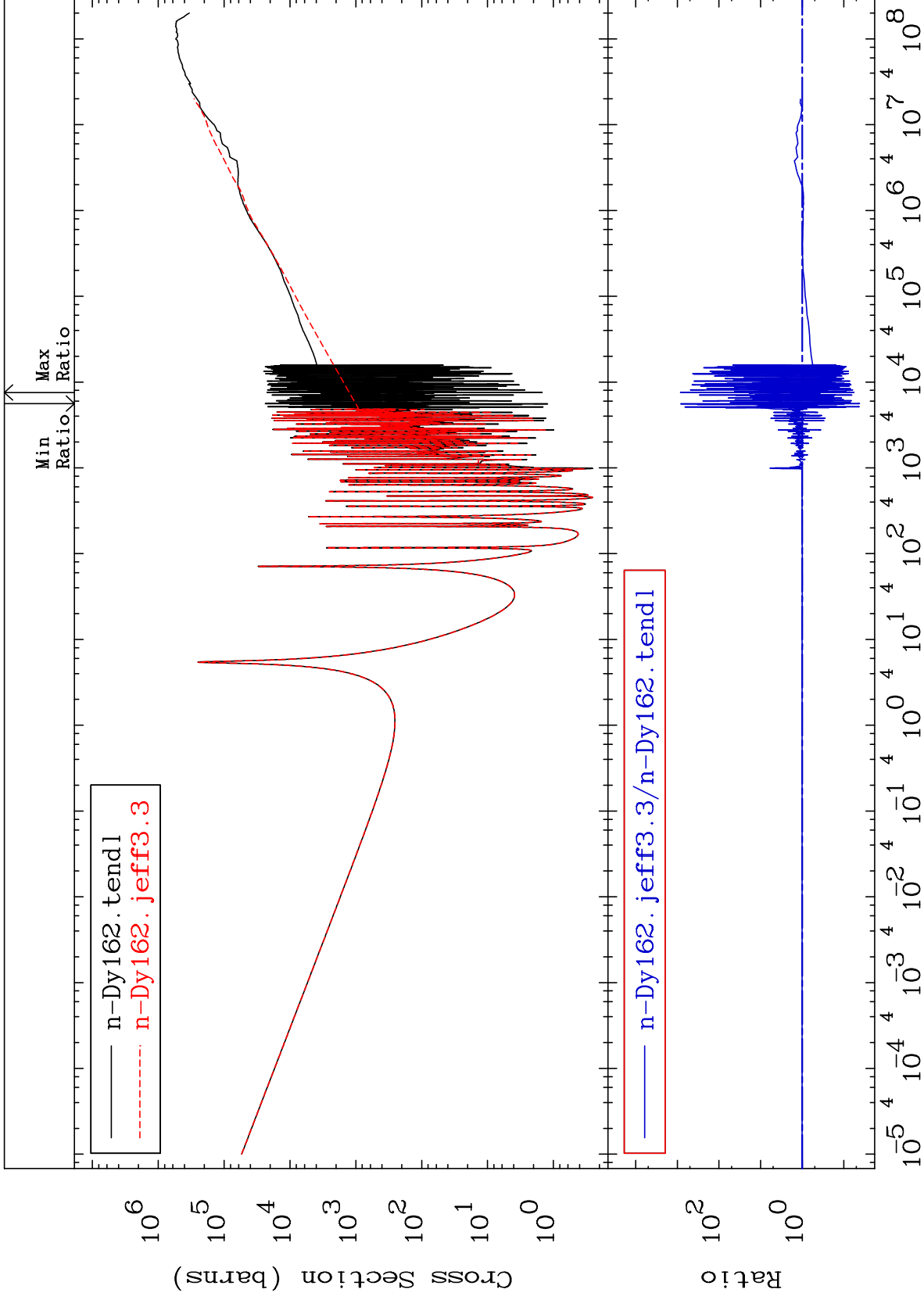




MAT 6643

Dpa total (eV-barns)
Cross Section

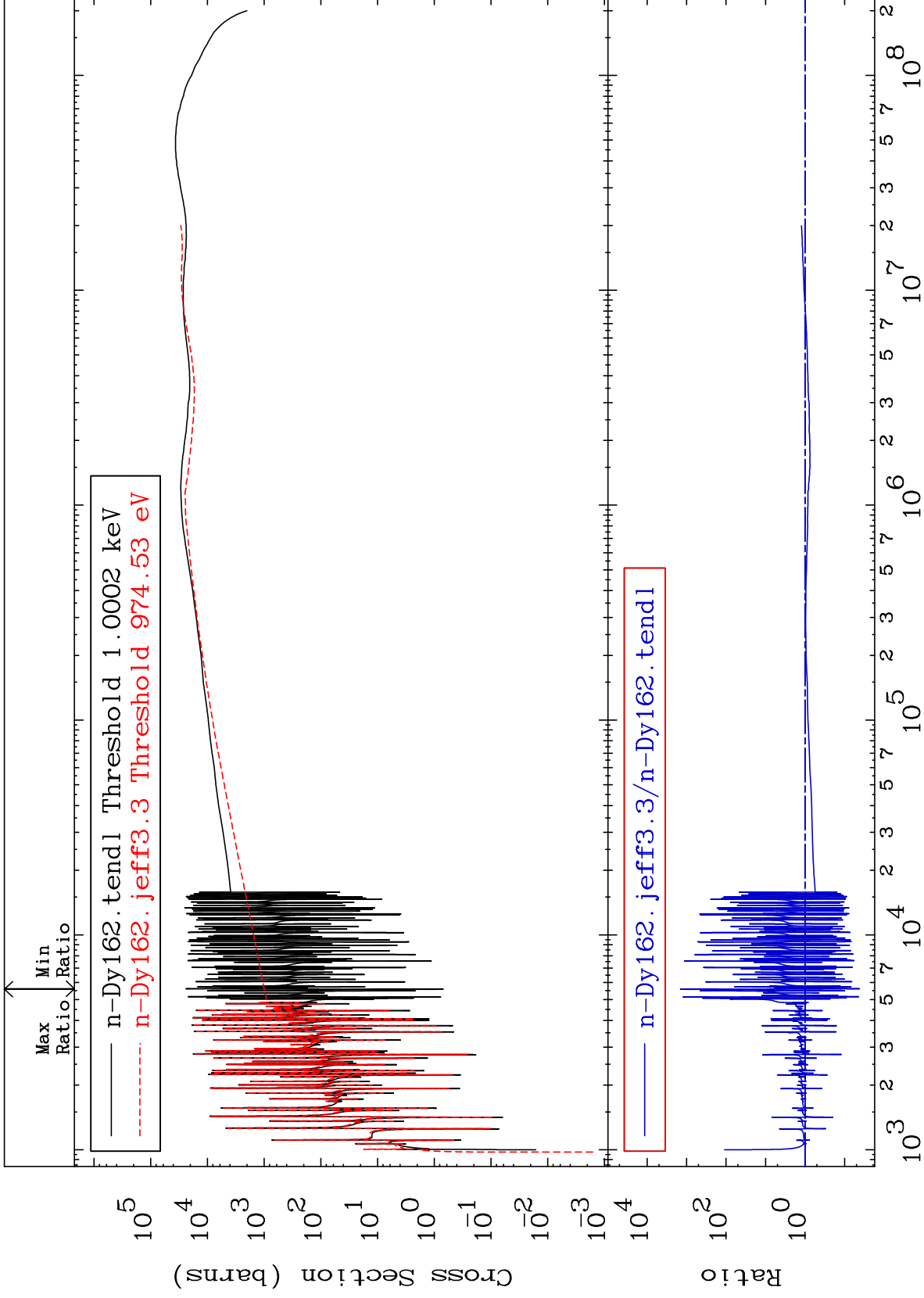
66-Dy-162
-95.79 To 9999. %



MAT 6643

Dpa elastic (mt2)
Cross Section

66-Dy-162
-95.81 To 9999. %



55

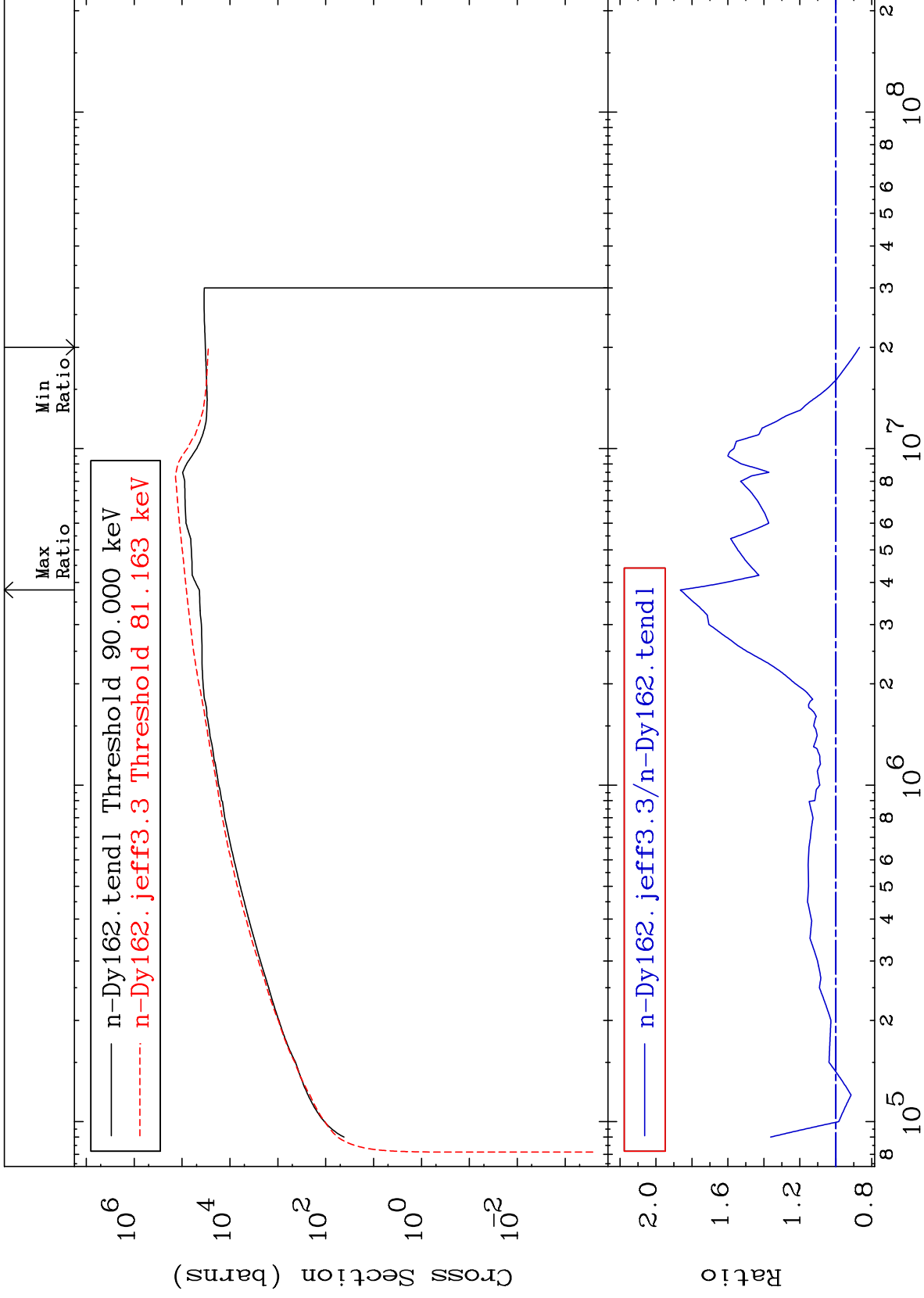
Incident Energy (eV)

66-Dy-162

MAT 6643

Dpa inelastic (mt51-91)
Cross Section

66-Dy-162
-13.15 To 86.43 %



56

Incident Energy (eV)

66-Dy-162

MAT 6643

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-162
-94.34 To 9999. %

