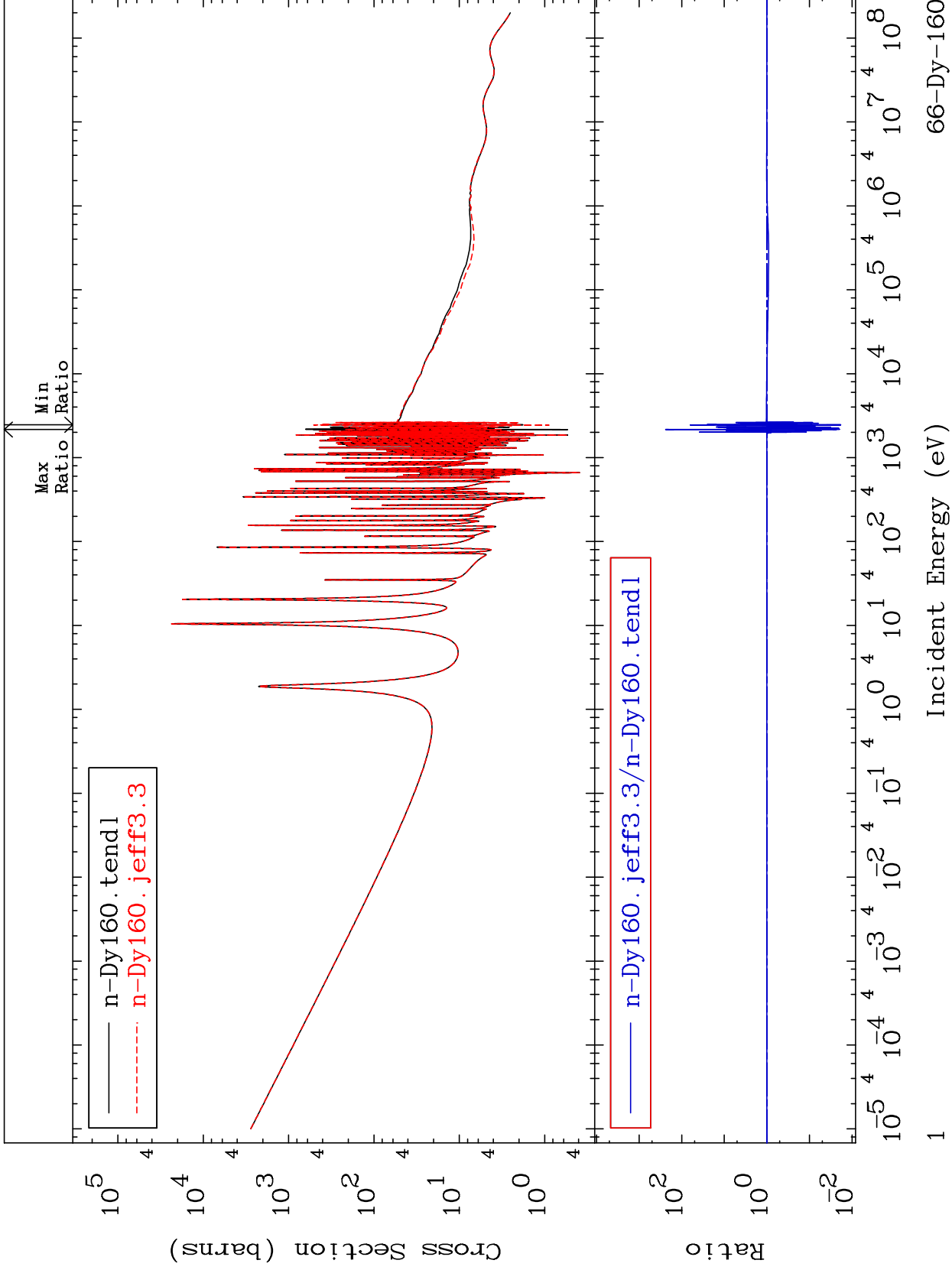


MAT 6637

66-Dy-160

-98.16 To 9999. %

Total
Cross Section



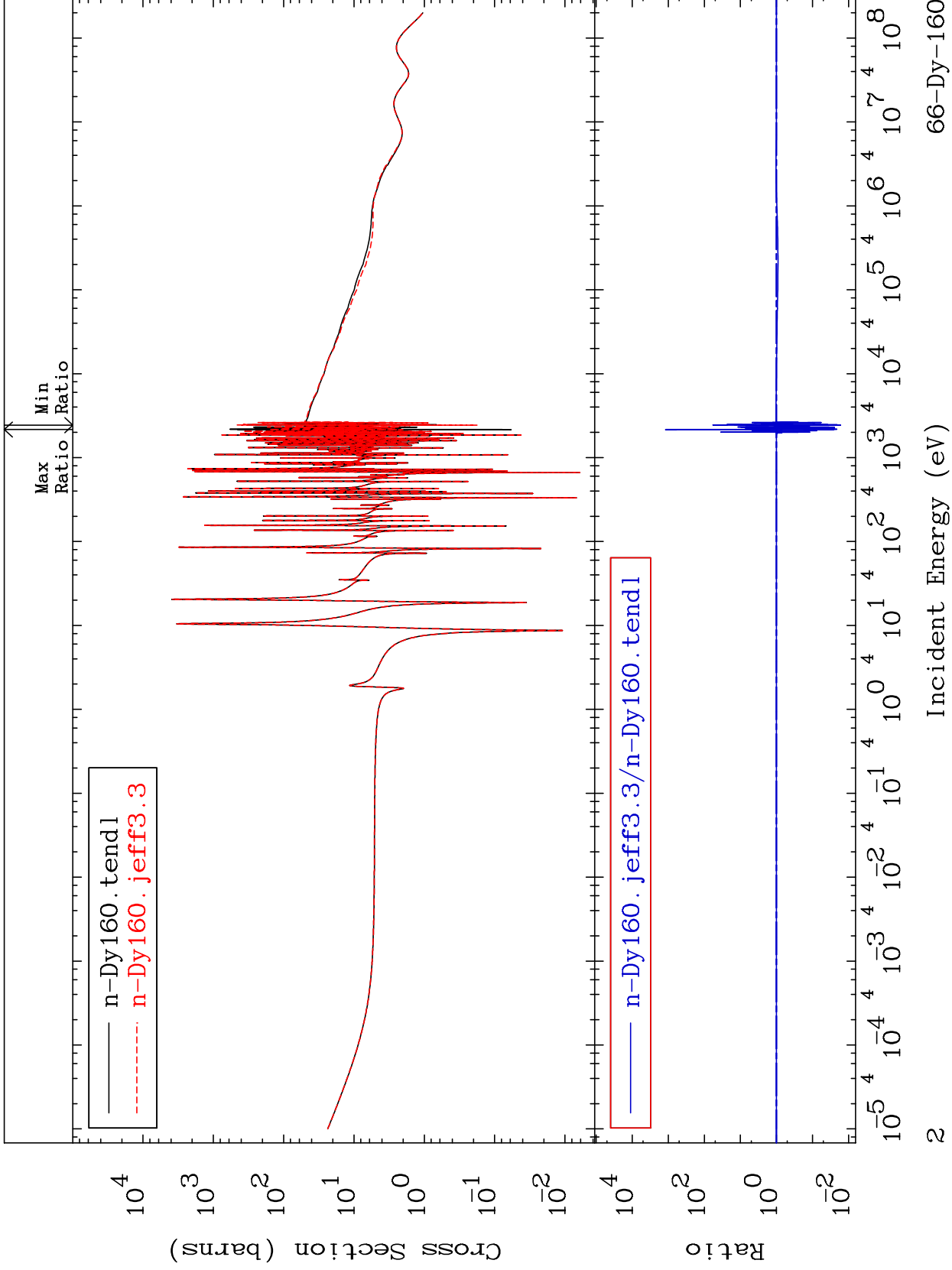
MAT 6637

Elastic

Cross Section

66-Dy-160

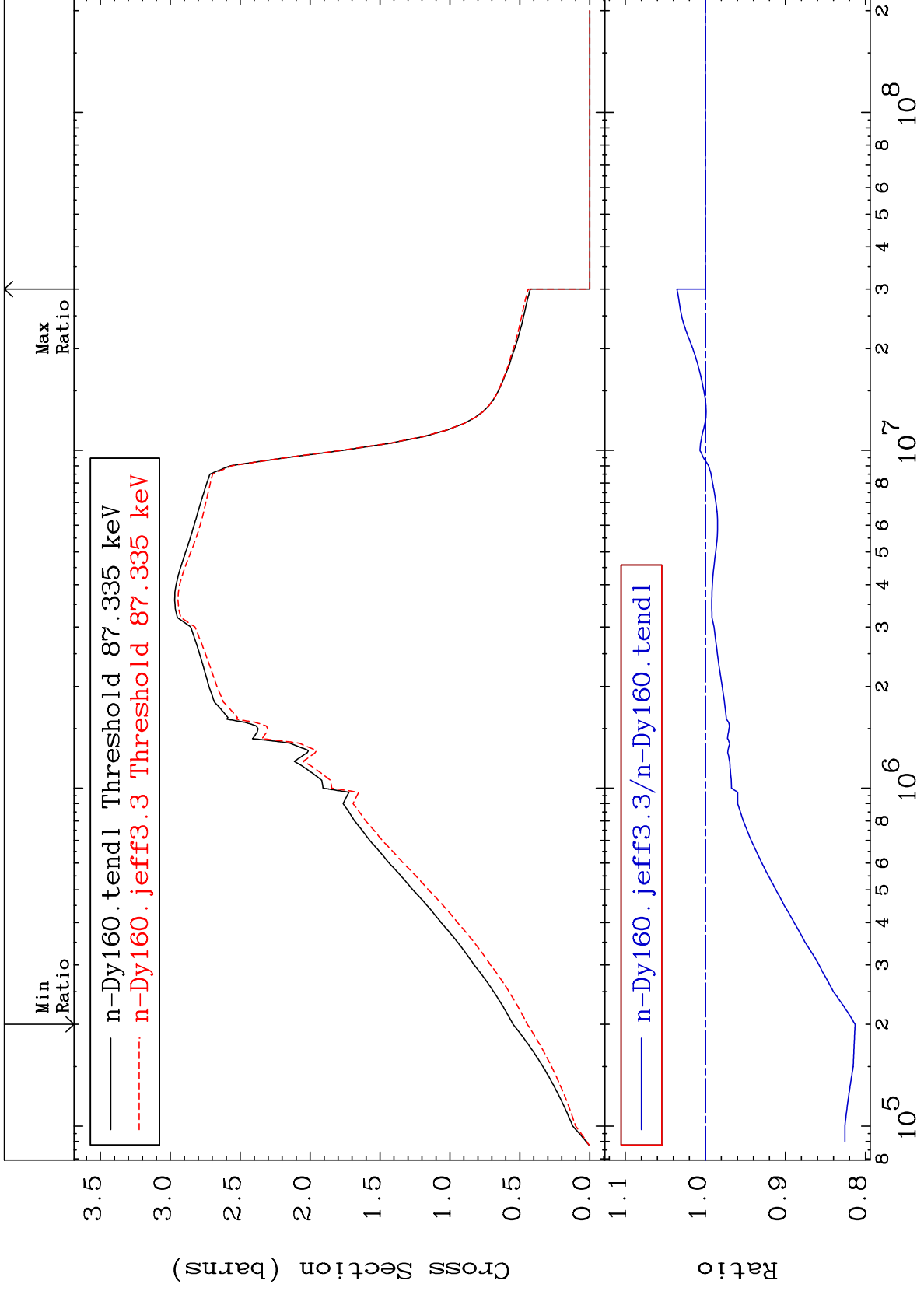
-98.34 To 9999. %



MAT 6637

Inelastic
Cross Section

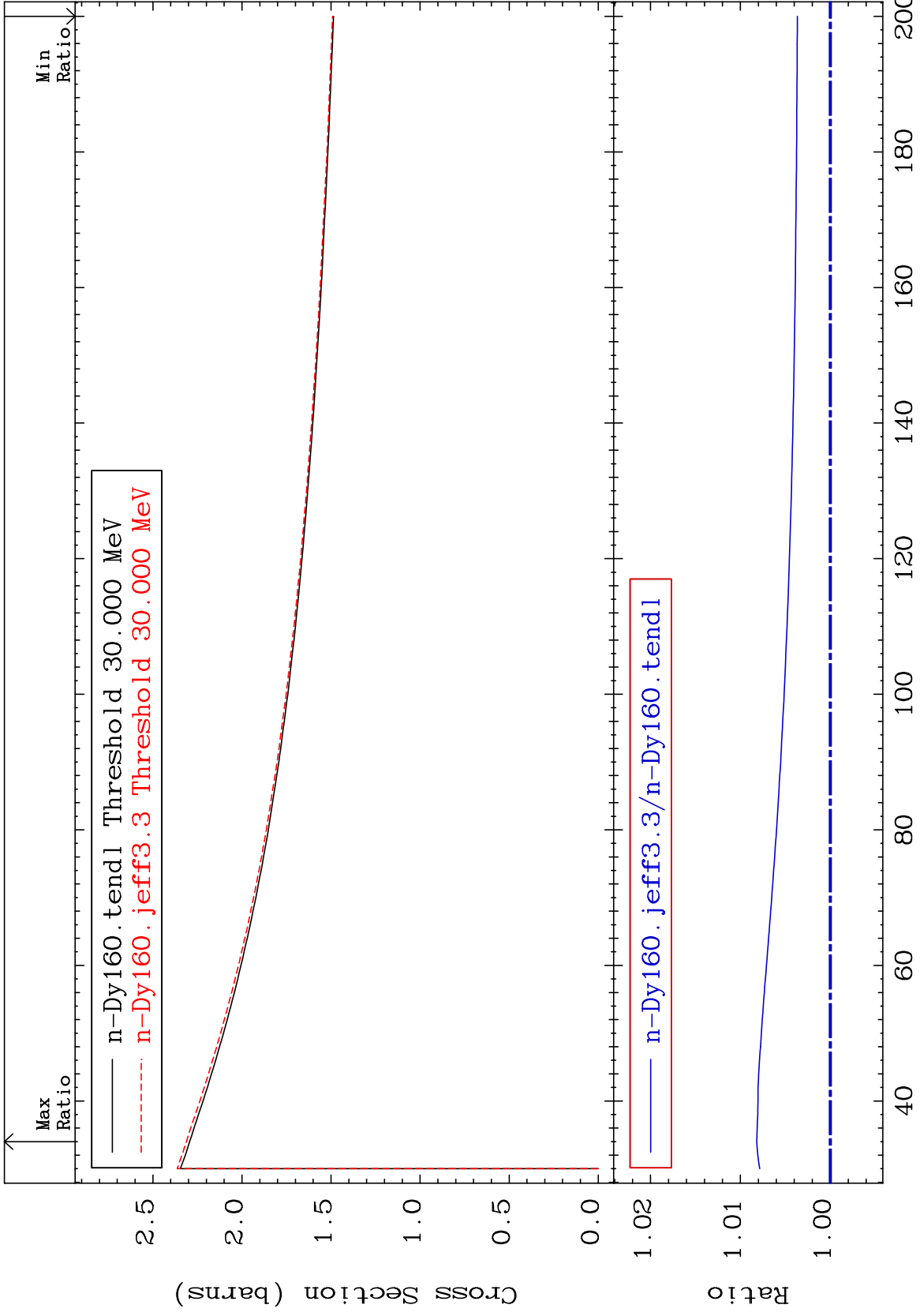
66-Dy-160
-18.70 To 3.551 %



MAT 6637

(n, remainder)
Cross Section

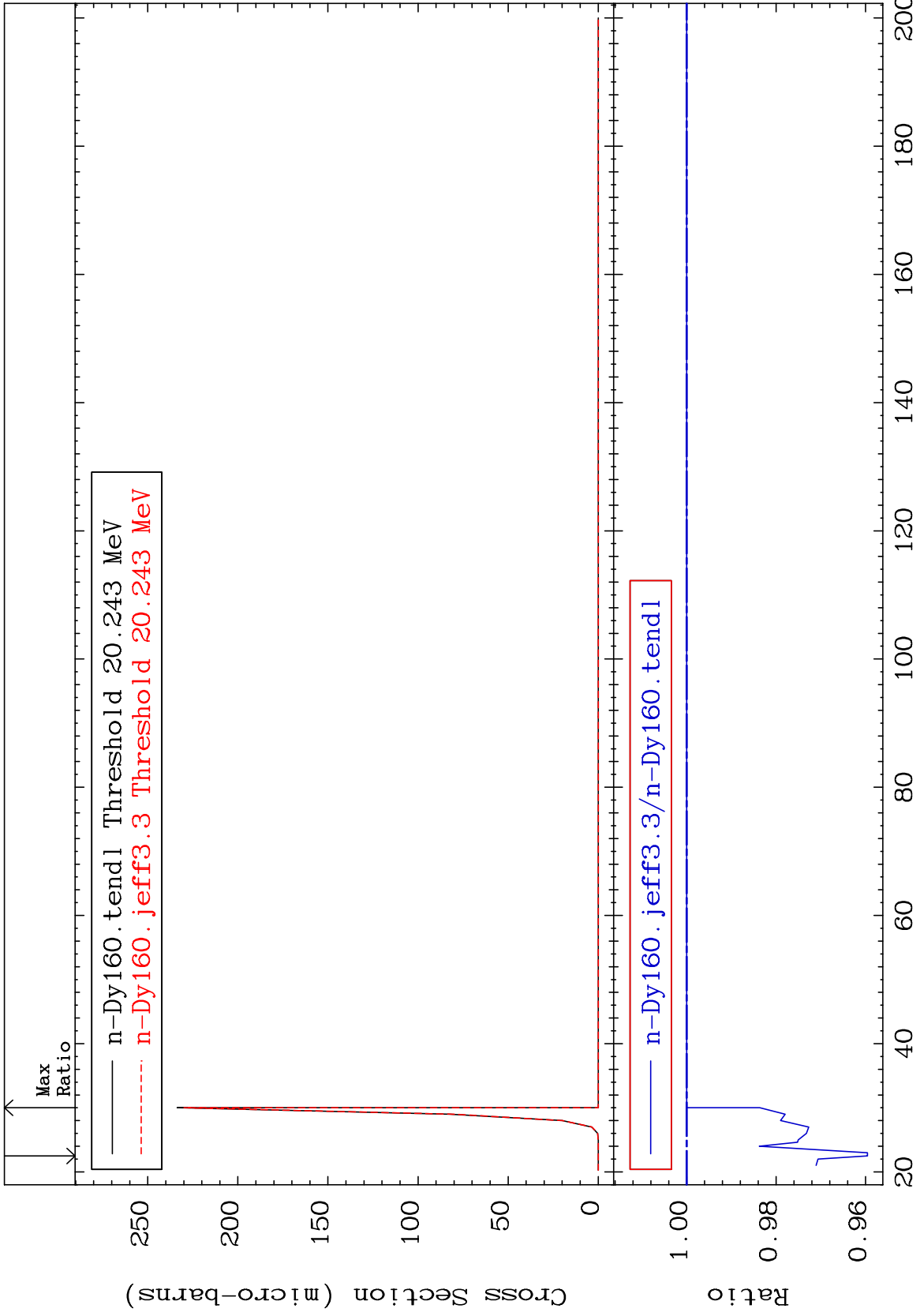
66-Dy-160
0.366 To 0.817 %



MAT 6637

(n,2n) d
Cross Section

66-Dy-160
-4.040 To 0.000 %



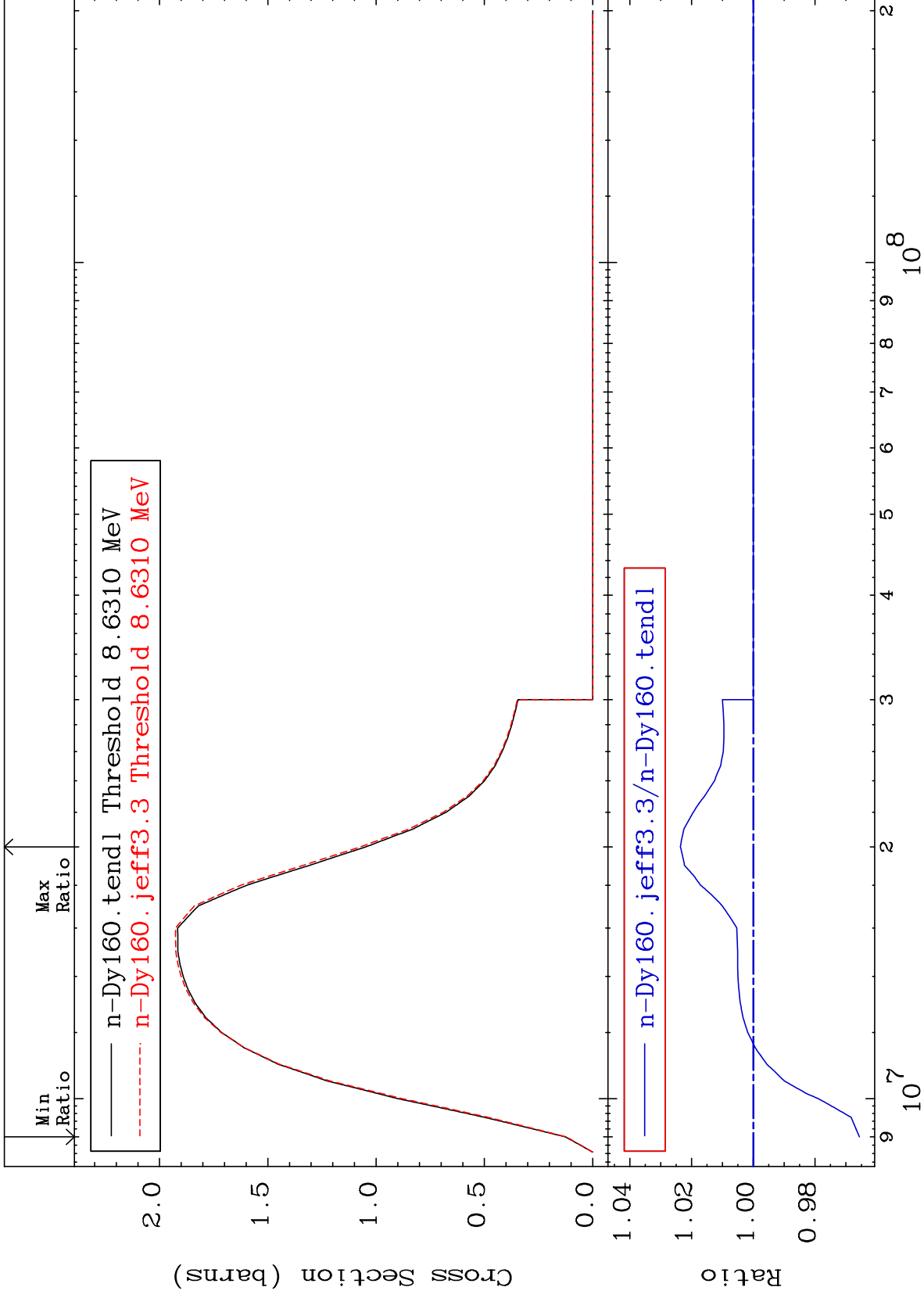
MAT 6637

(n,2n)

66-Dy-160

Cross Section

-3.436 To 2.362 %

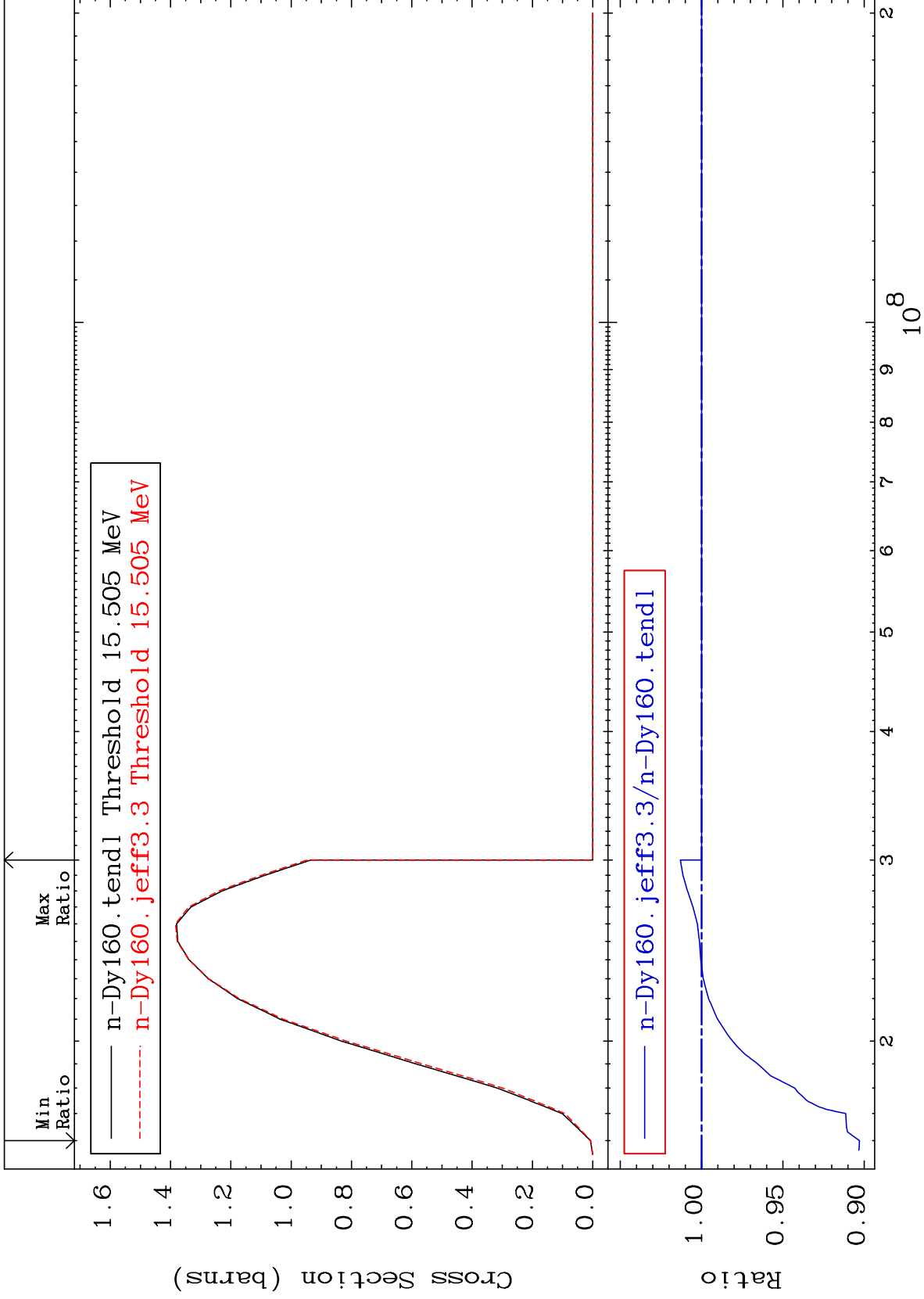


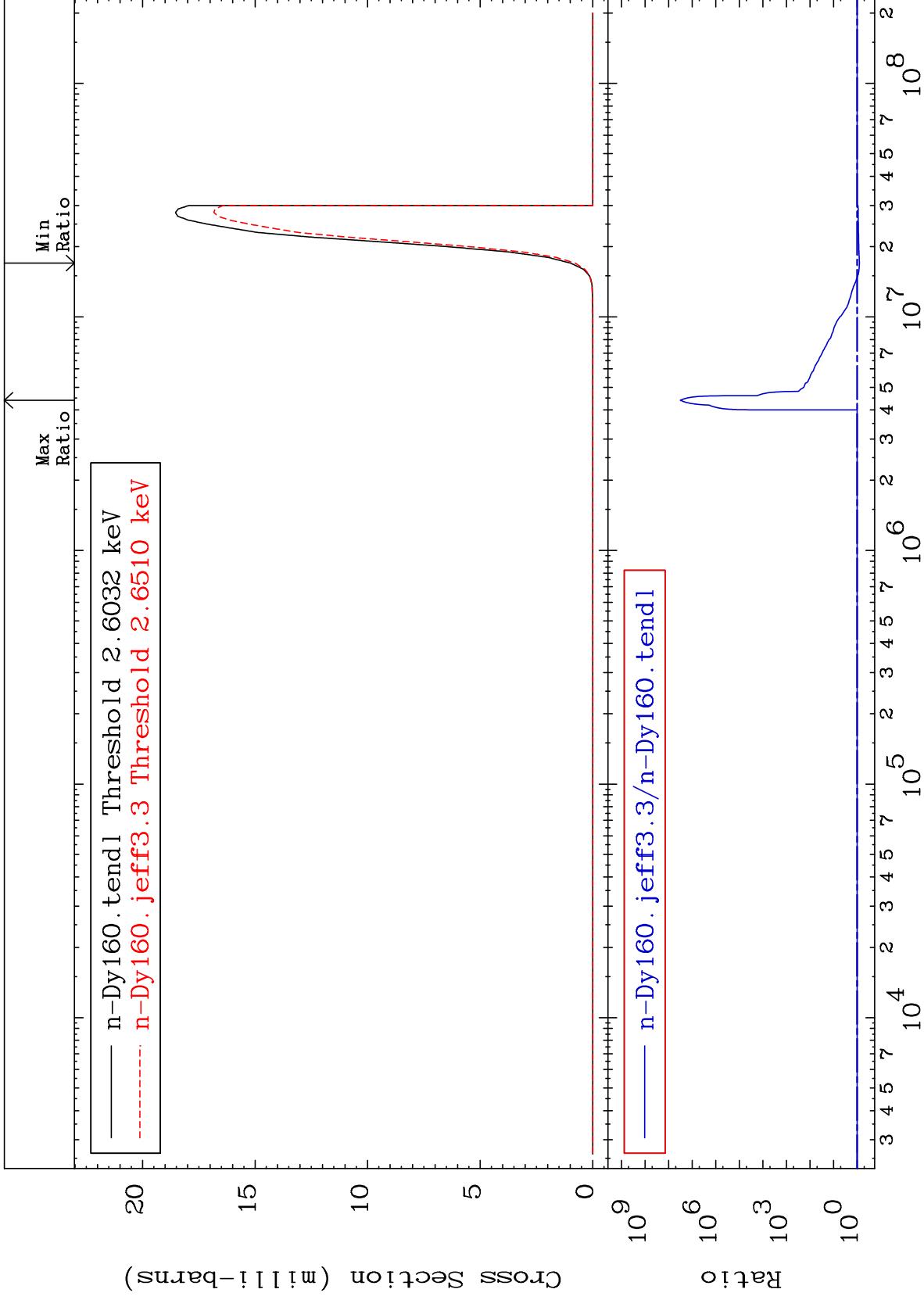
66-Dy-160

66-Dy-160

Cross Section

-9.709 To 1.308 %

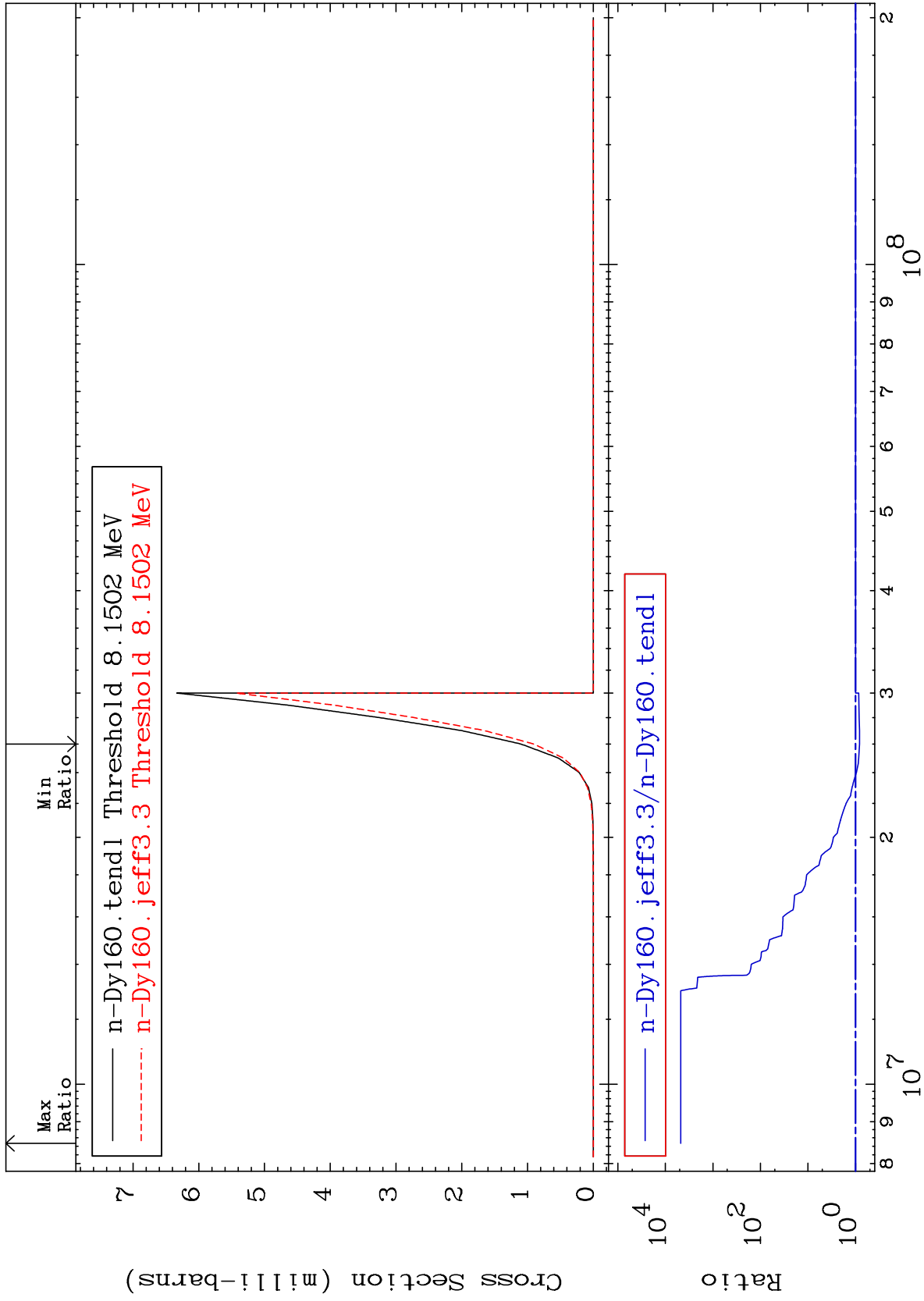




MAT 6637

(n,2n) α
Cross Section

66-Dy-160
-17.55 To 9999. %



Incident Energy (eV)

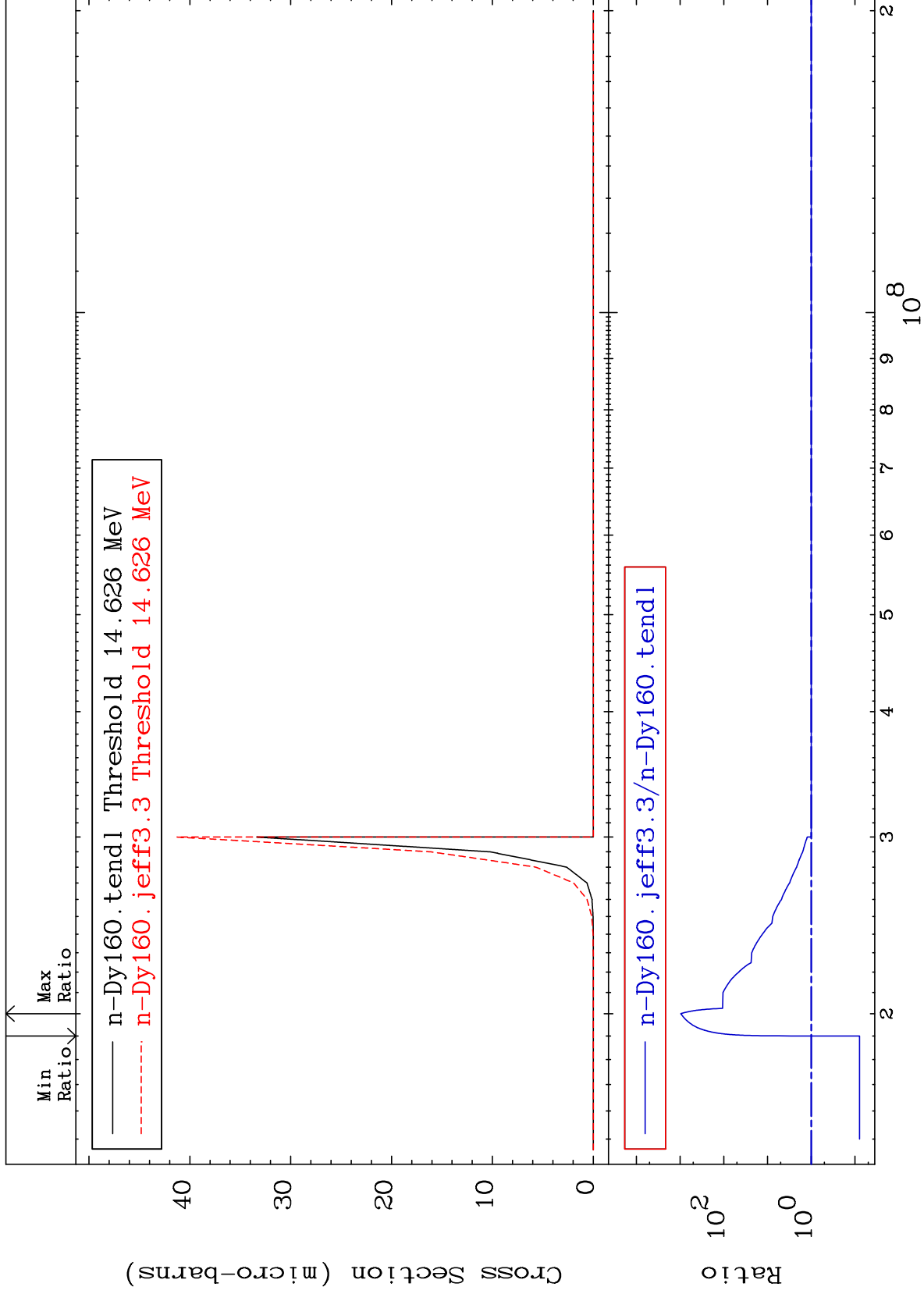
66-Dy-160

9

MAT 6637

(n,3n) α
Cross Section

66-Dy-160
-92.12 To 9999. %



10

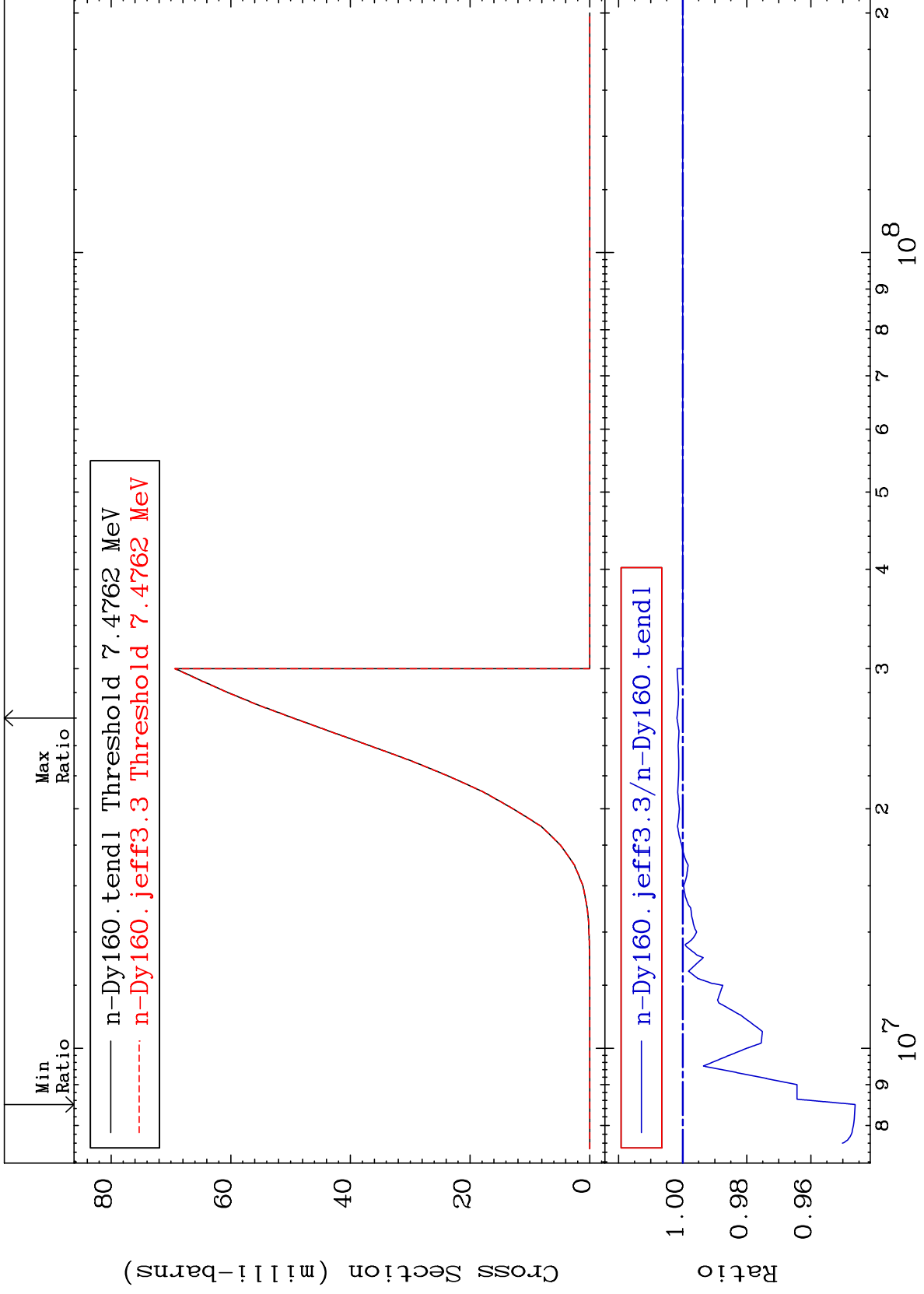
Incident Energy (eV)

66-Dy-160

MAT 6637

(n,n') p
Cross Section

66-Dy-160
-5.380 To 0.180 %



11

Incident Energy (eV)

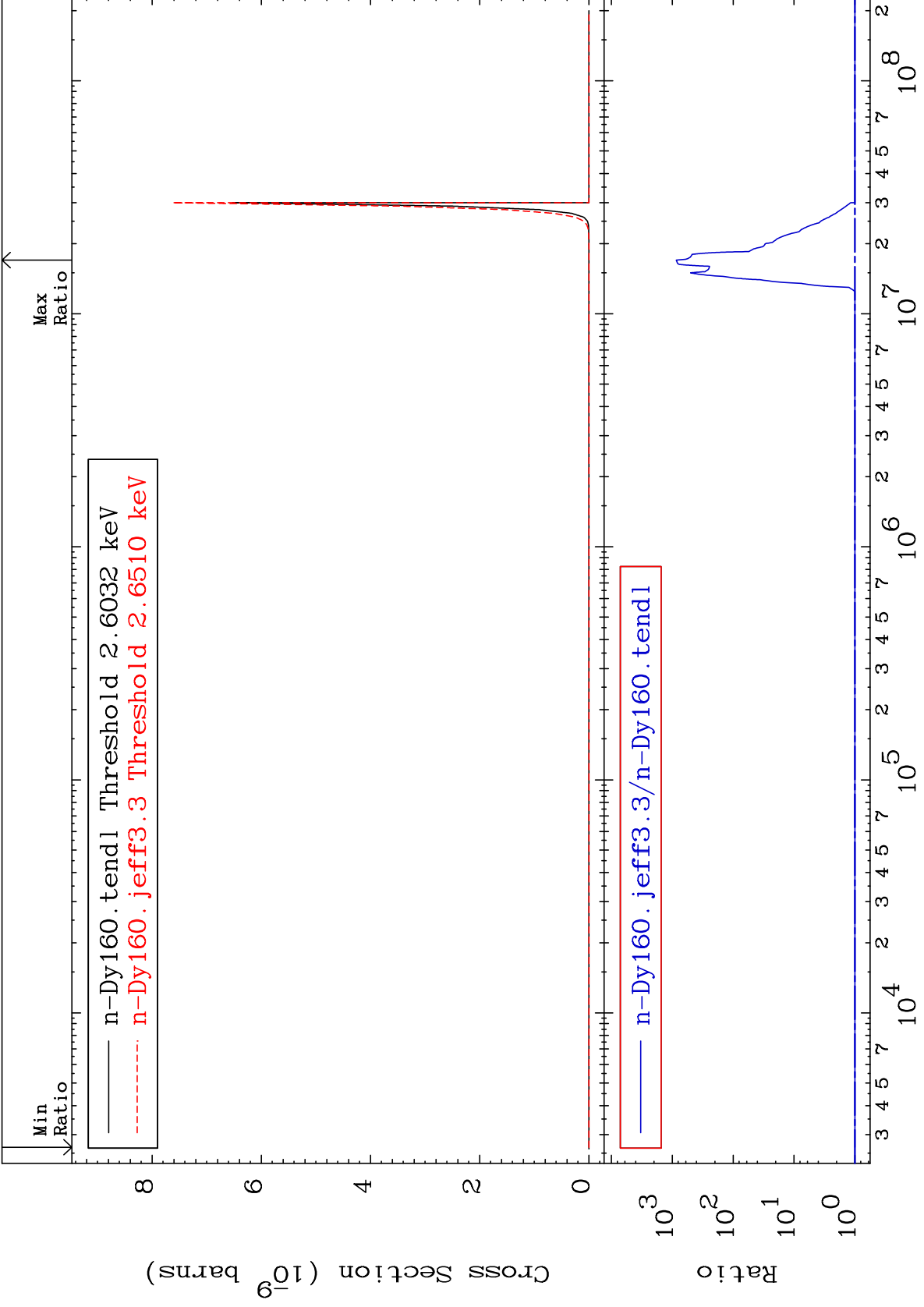
66-Dy-160

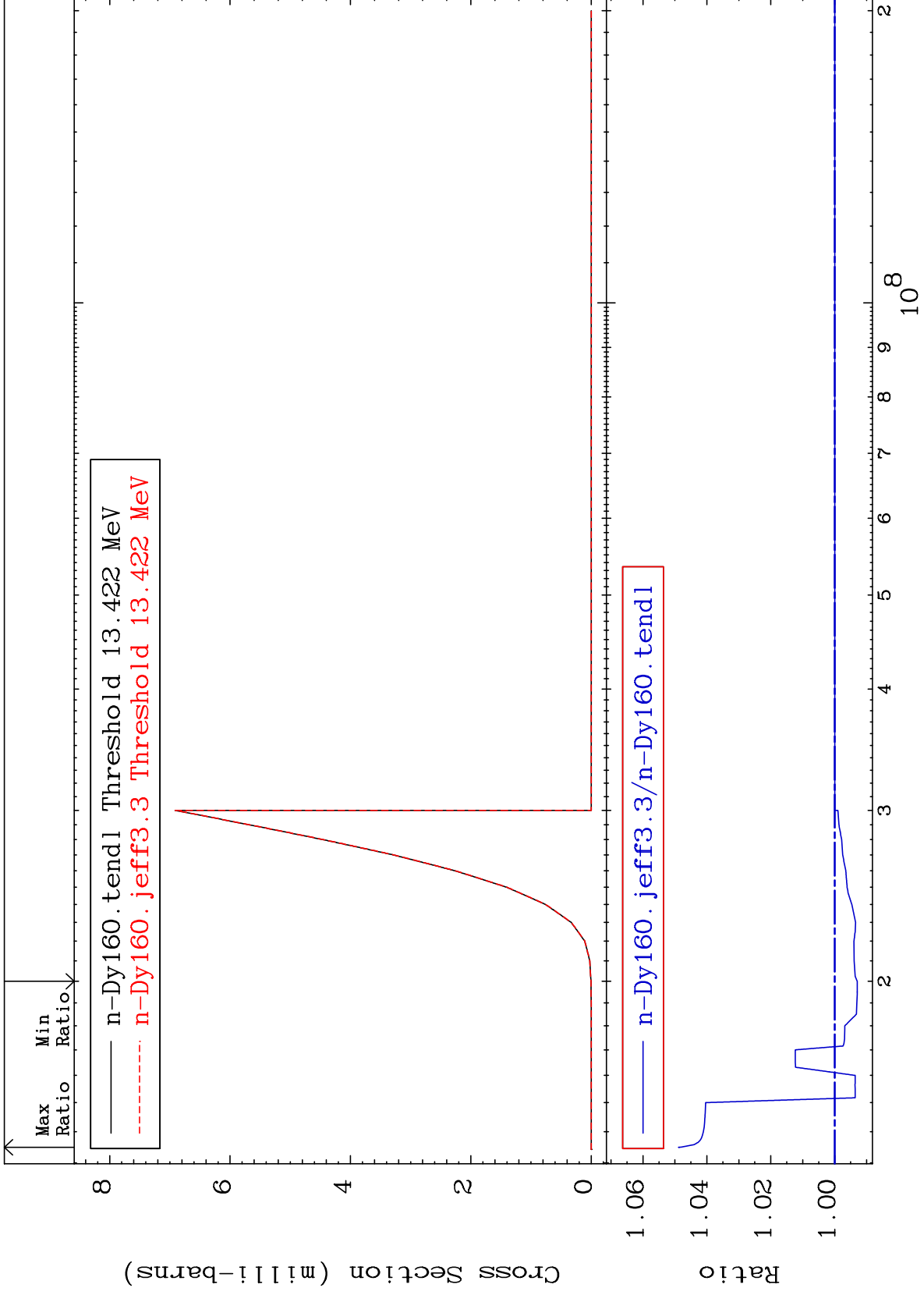
MAT 6637

(n, n') 2α

66-Dy-160
To 9999. %

Cross Section





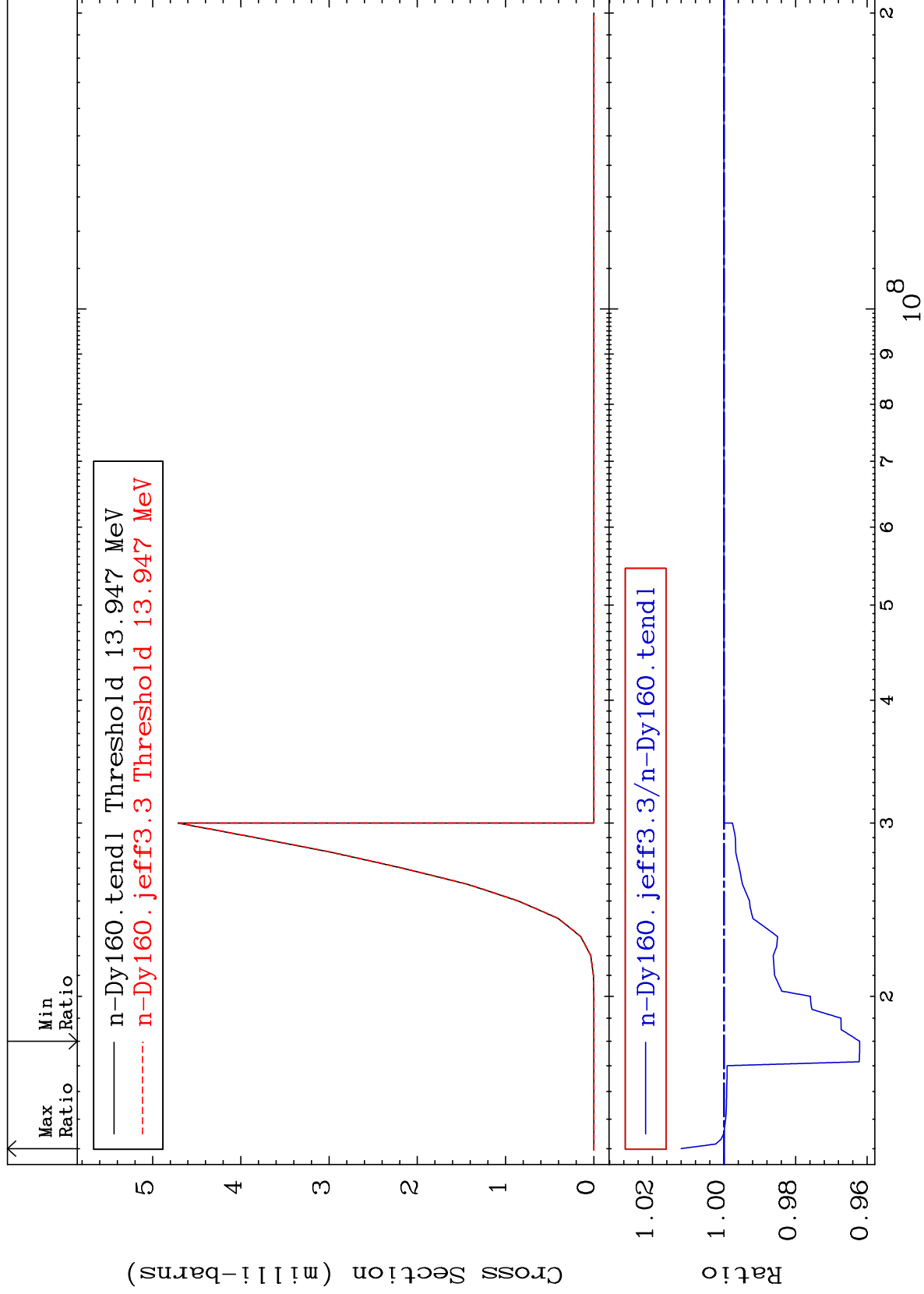
MAT 6637

(n,n') t

66-Dy-160

Cross Section

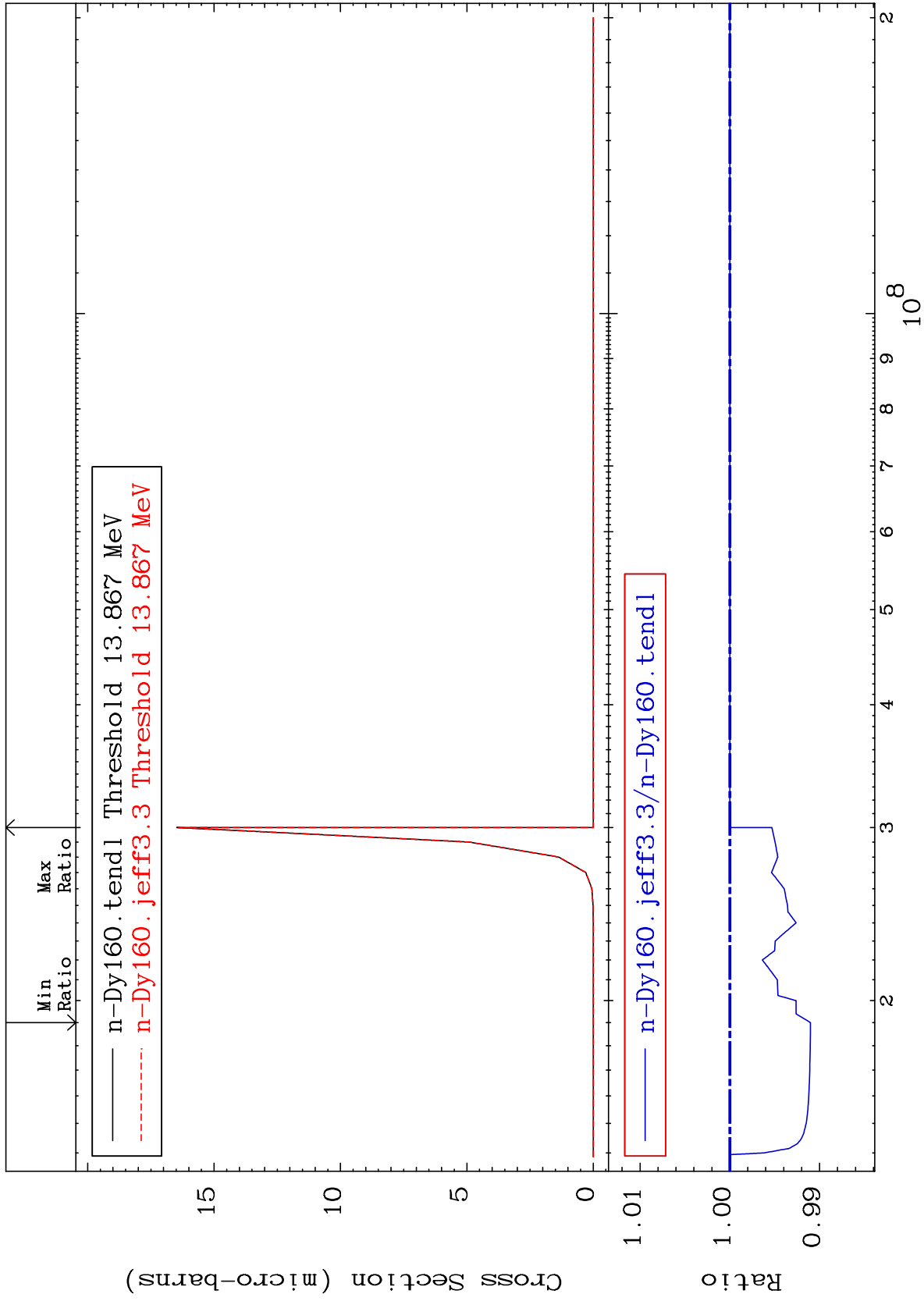
-3.790 To 1.198 %



MAT 6637

(n, n') He-3
Cross Section

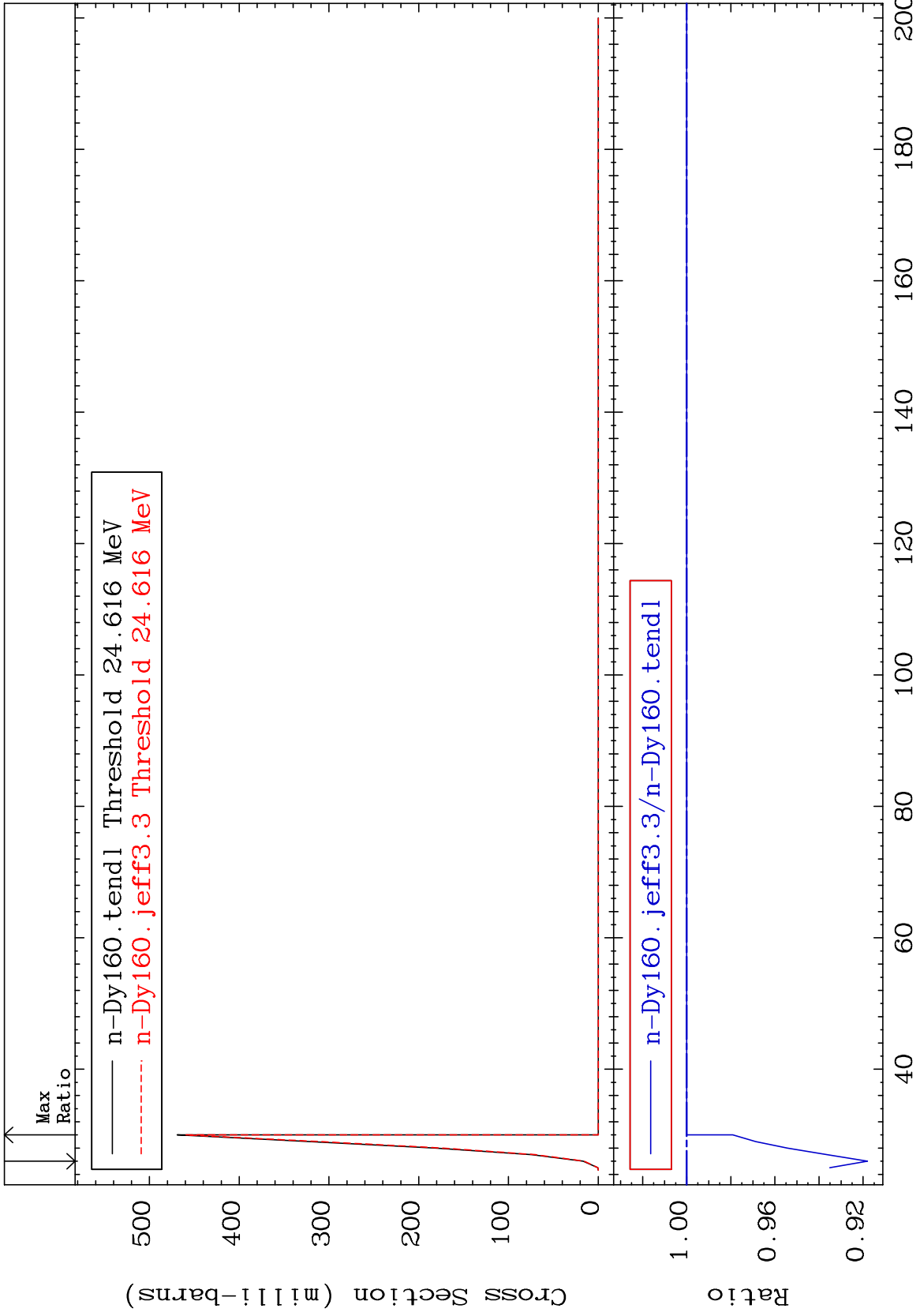
66-Dy-160
-0.898 To 0.000 %



MAT 6637

(n,4n)
Cross Section

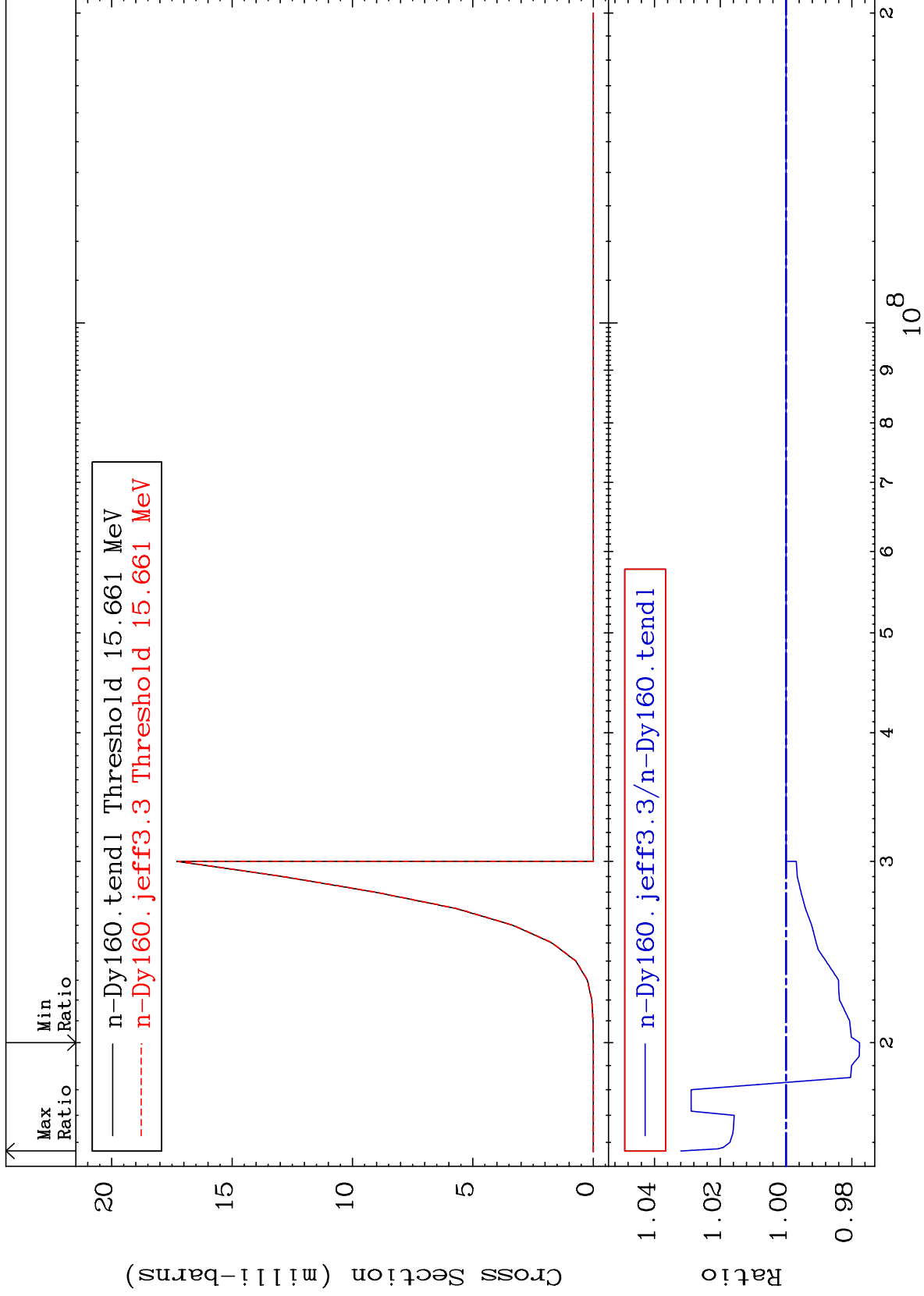
66-Dy-160
-8.197 To 0.000 %



MAT 6637

(n,2n) p
Cross Section

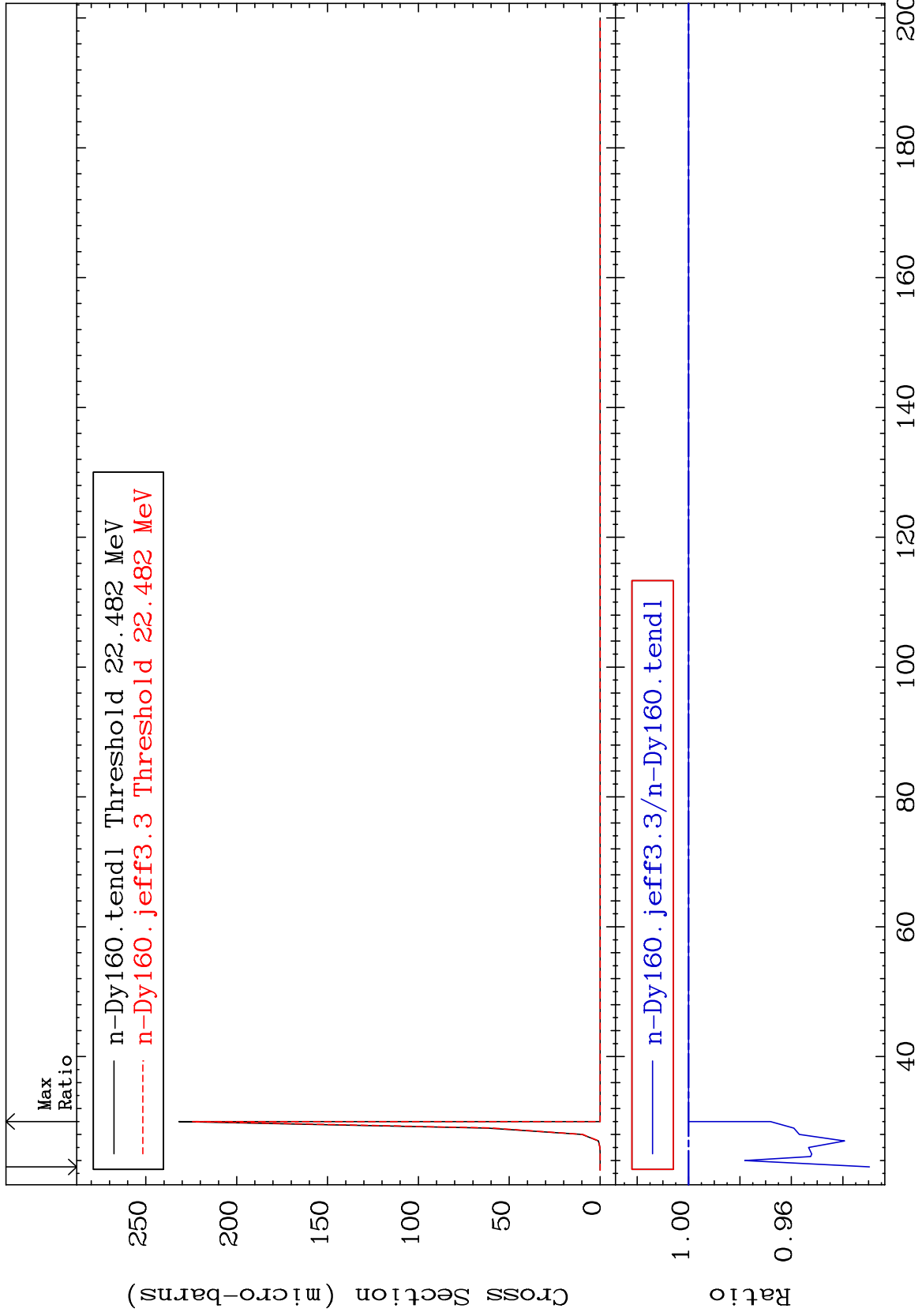
66-Dy-160
-2.234 To 3.200 %

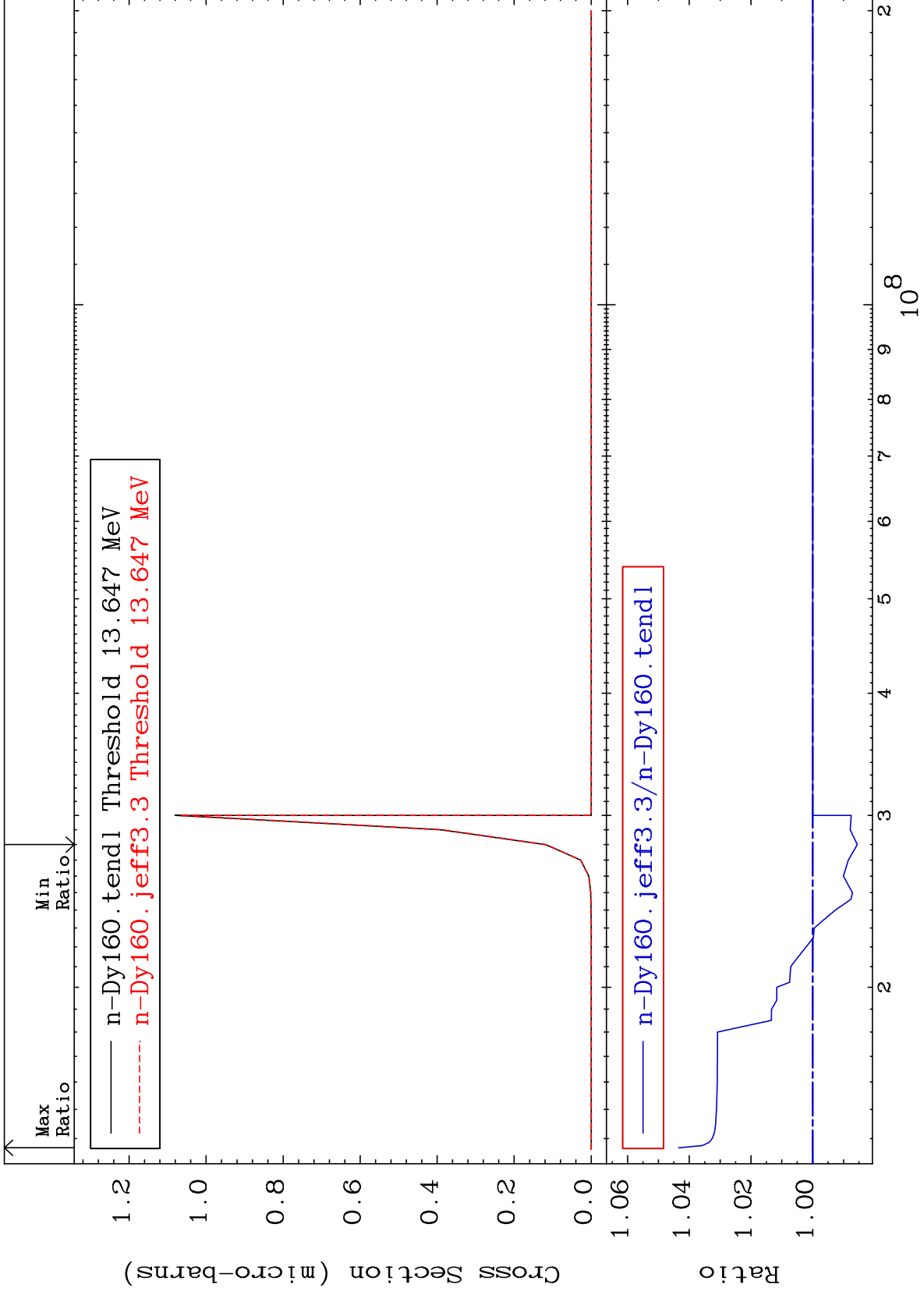


MAT 6637

(n,3n) p
Cross Section

66-Dy-160
-7.036 To 0.000 %

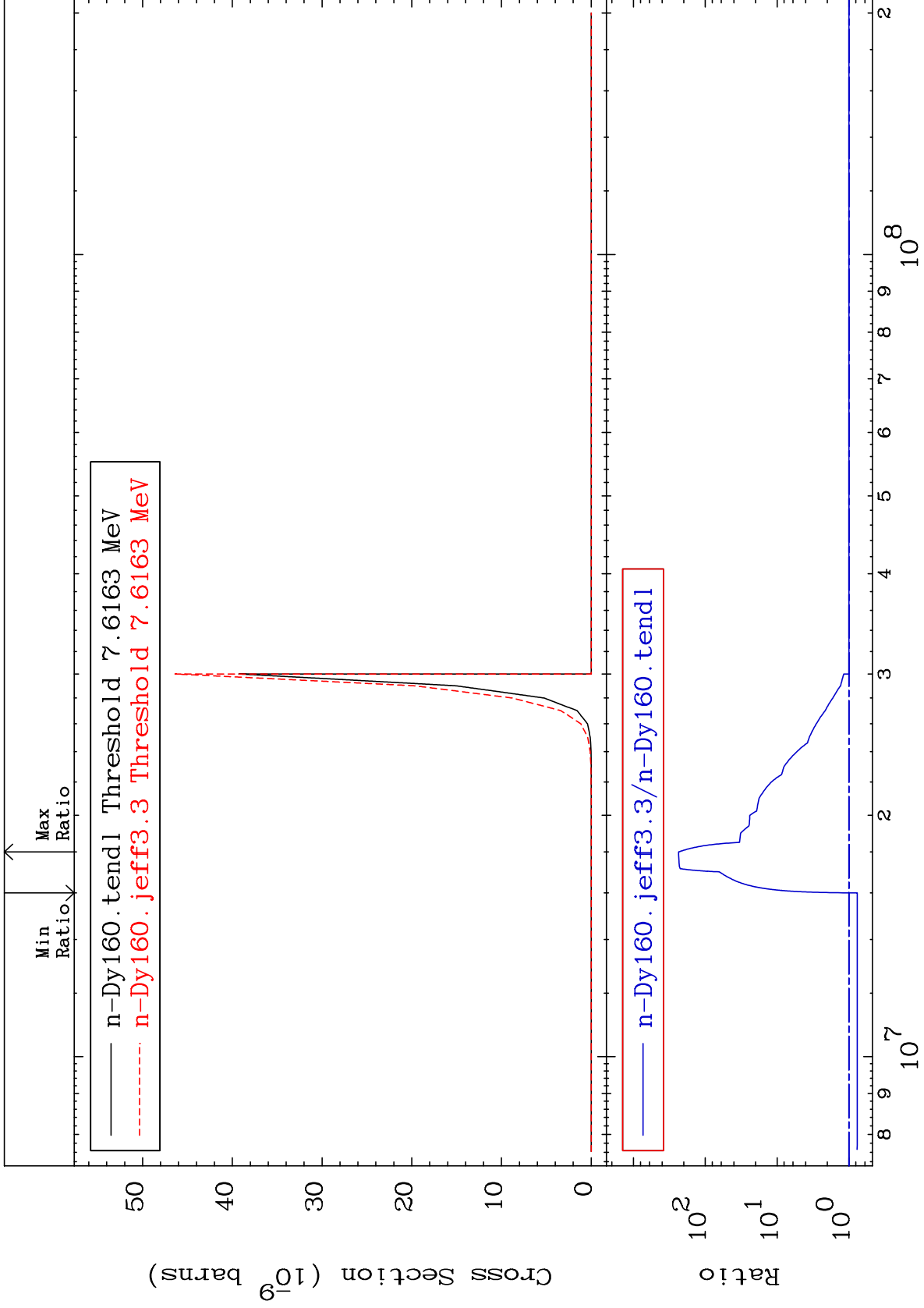




MAT 6637

(n,n') p α
Cross Section

66-Dy-160
-23.44 To 9999. %



20

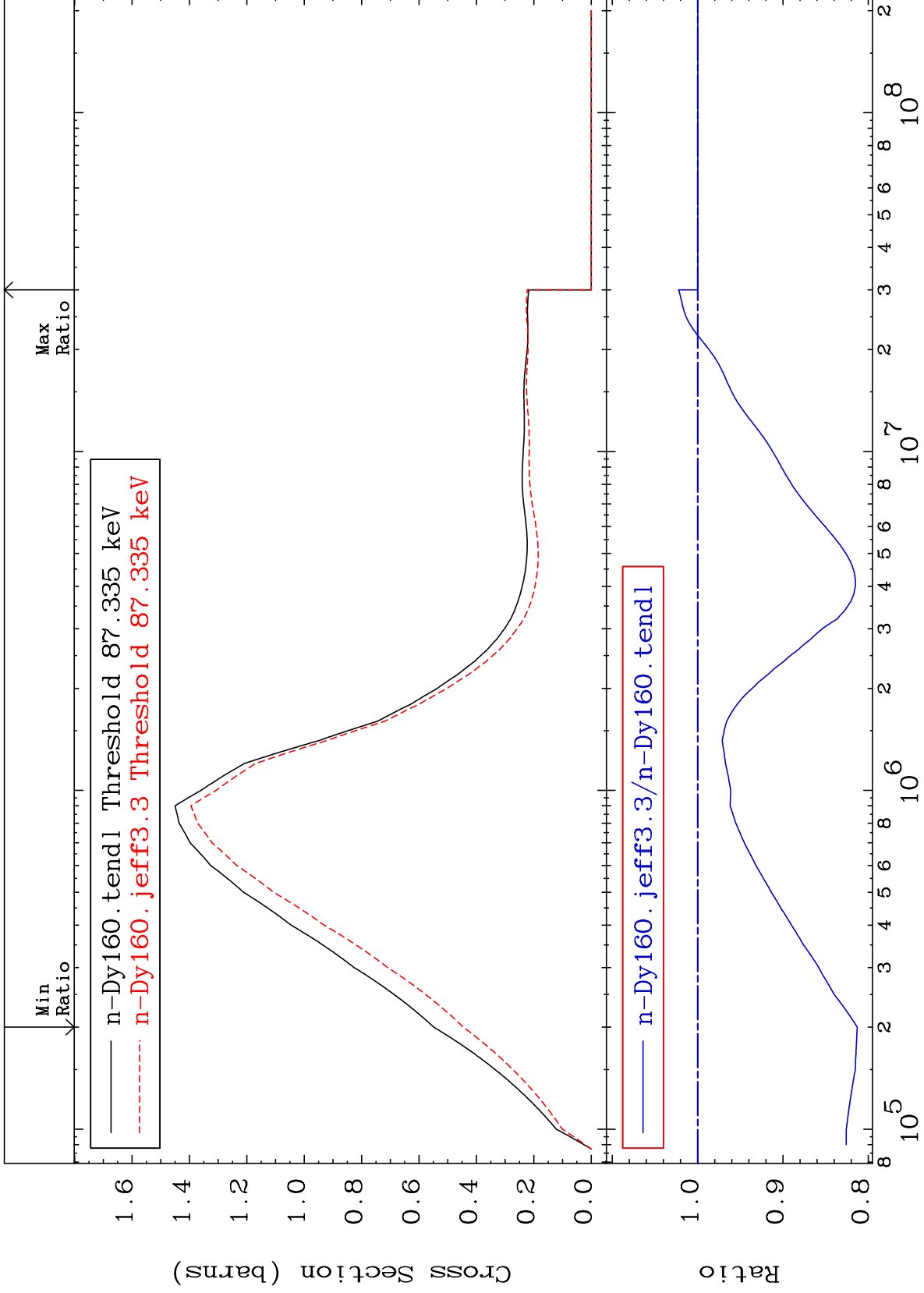
Incident Energy (eV)

66-Dy-160

MAT 6637

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

66-Dy-160
-18.70 To 2.225 %



21

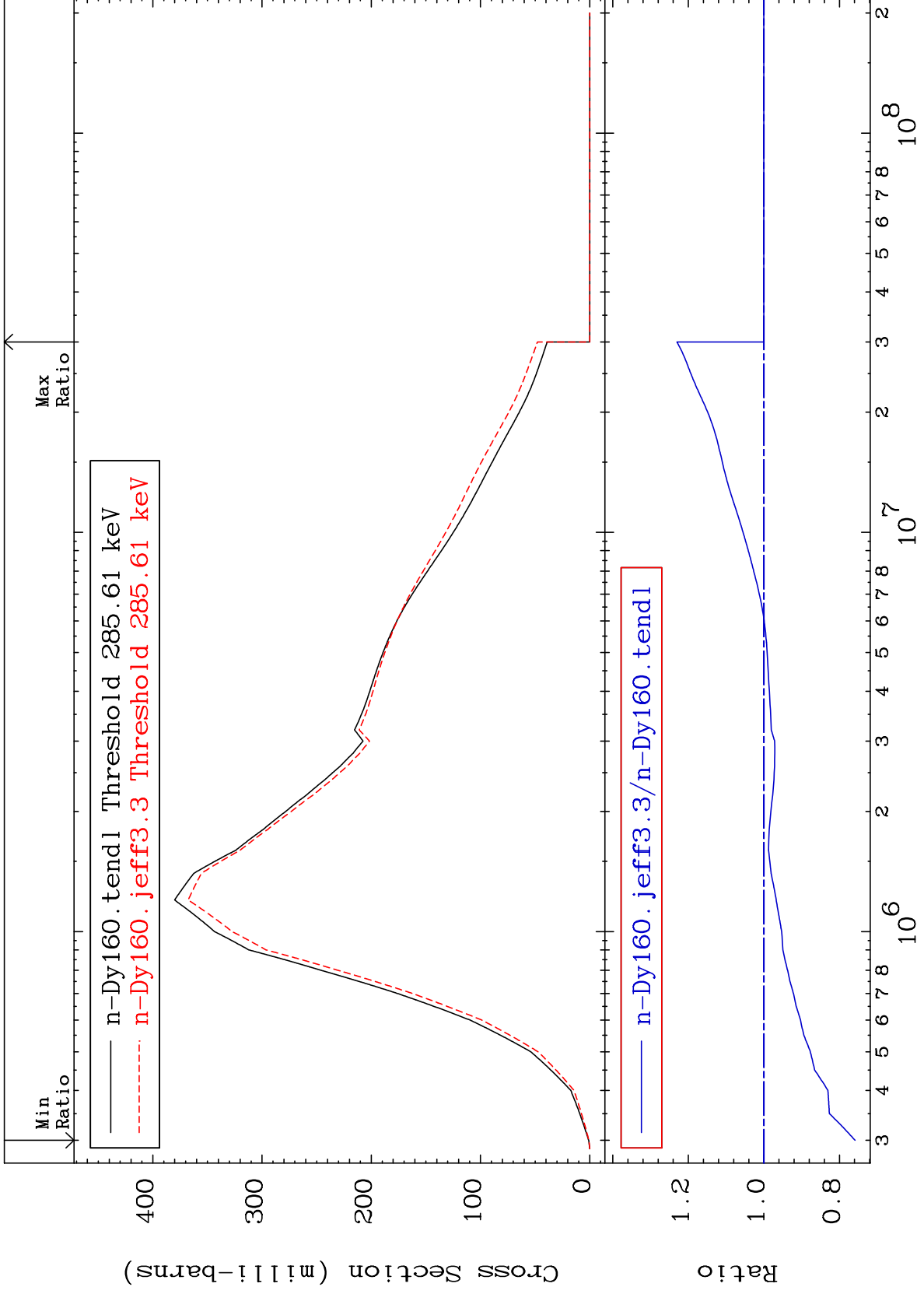
Incident Energy (eV)

66-Dy-160

MAT 6637

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

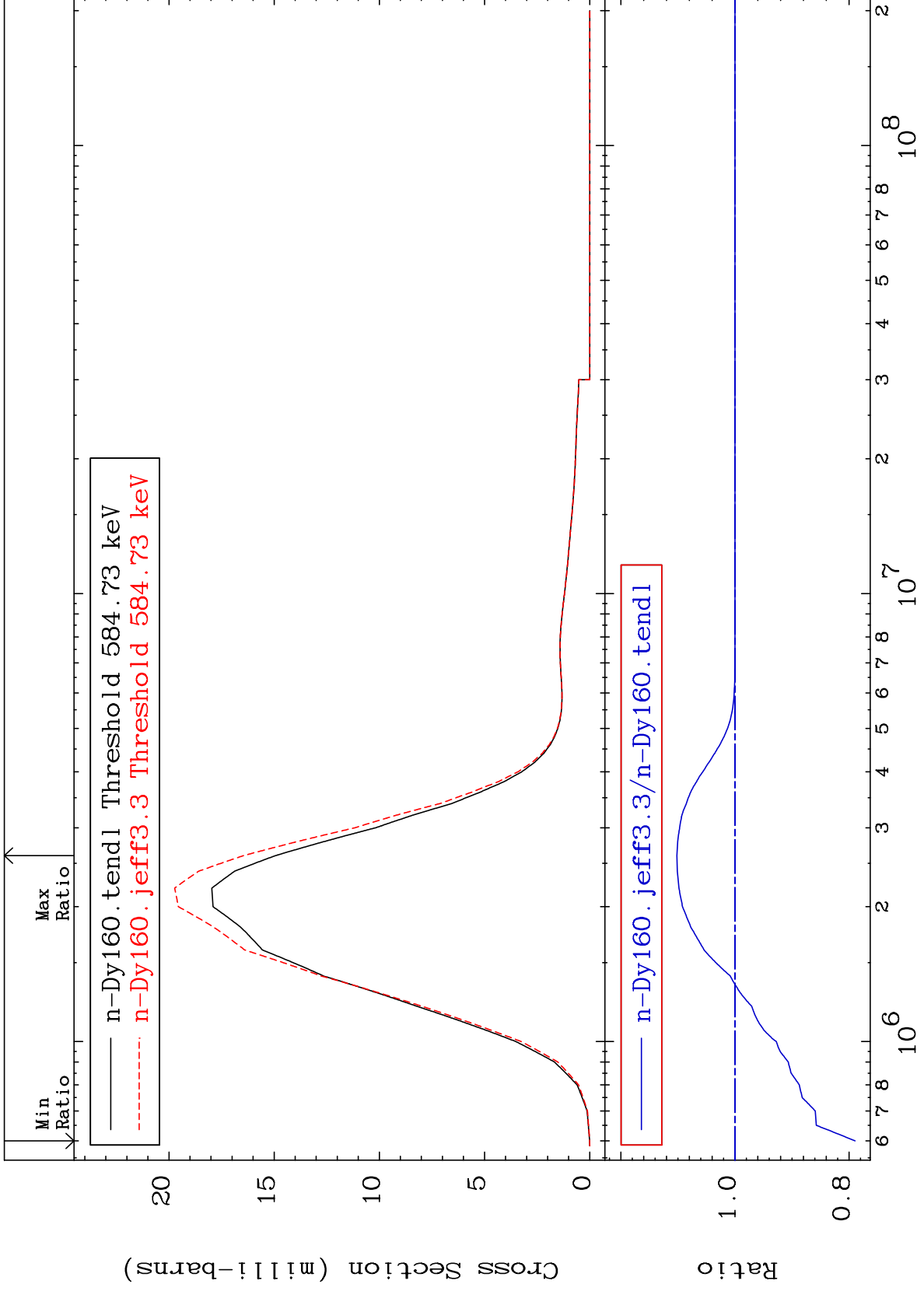
66-Dy-160
-24.15 To 23.02 %



MAT 6637

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

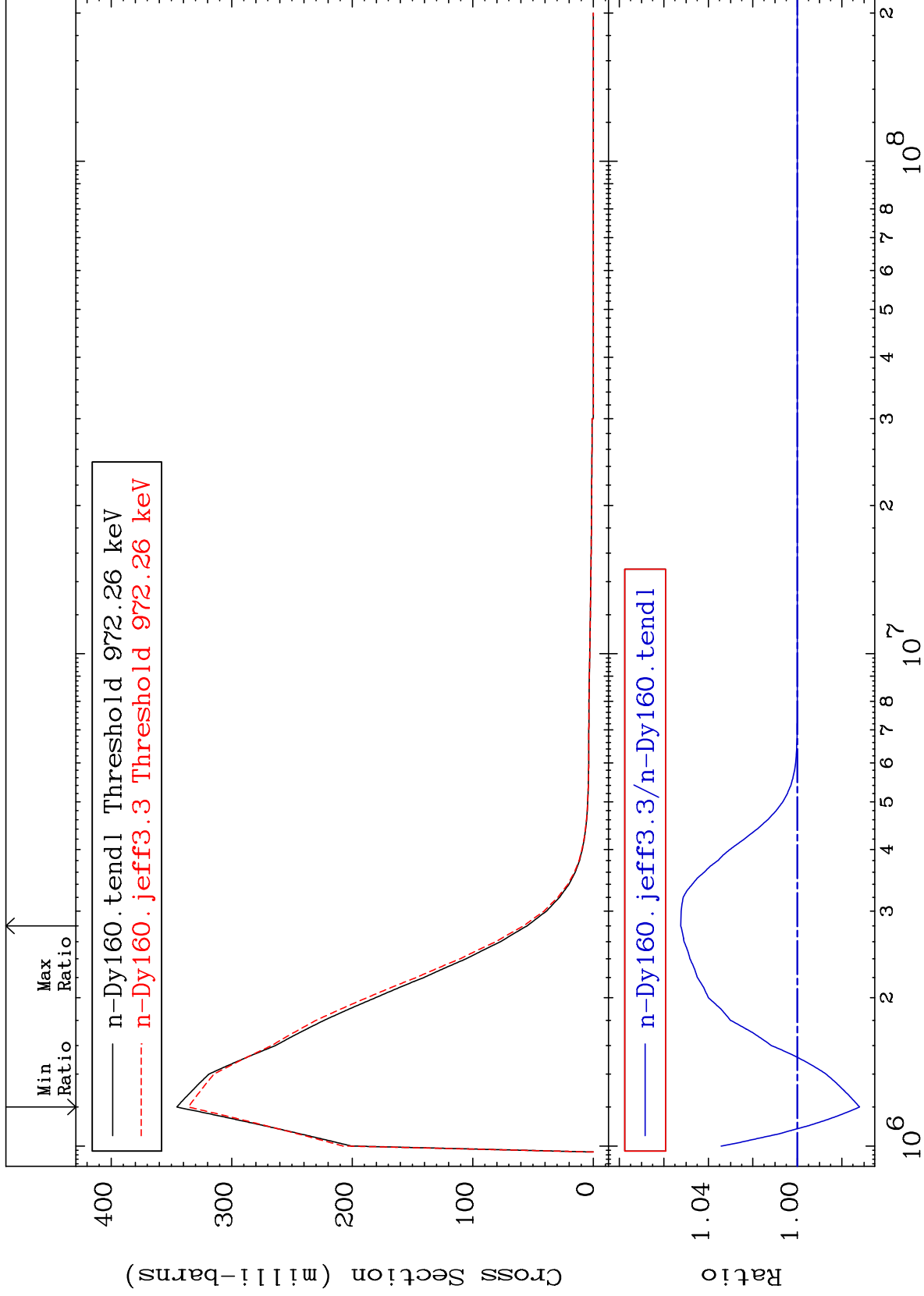
66-Dy-160
-21.04 To 10.18 %



MAT 6637

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

66-Dy-160
-2.796 To 5.239 %



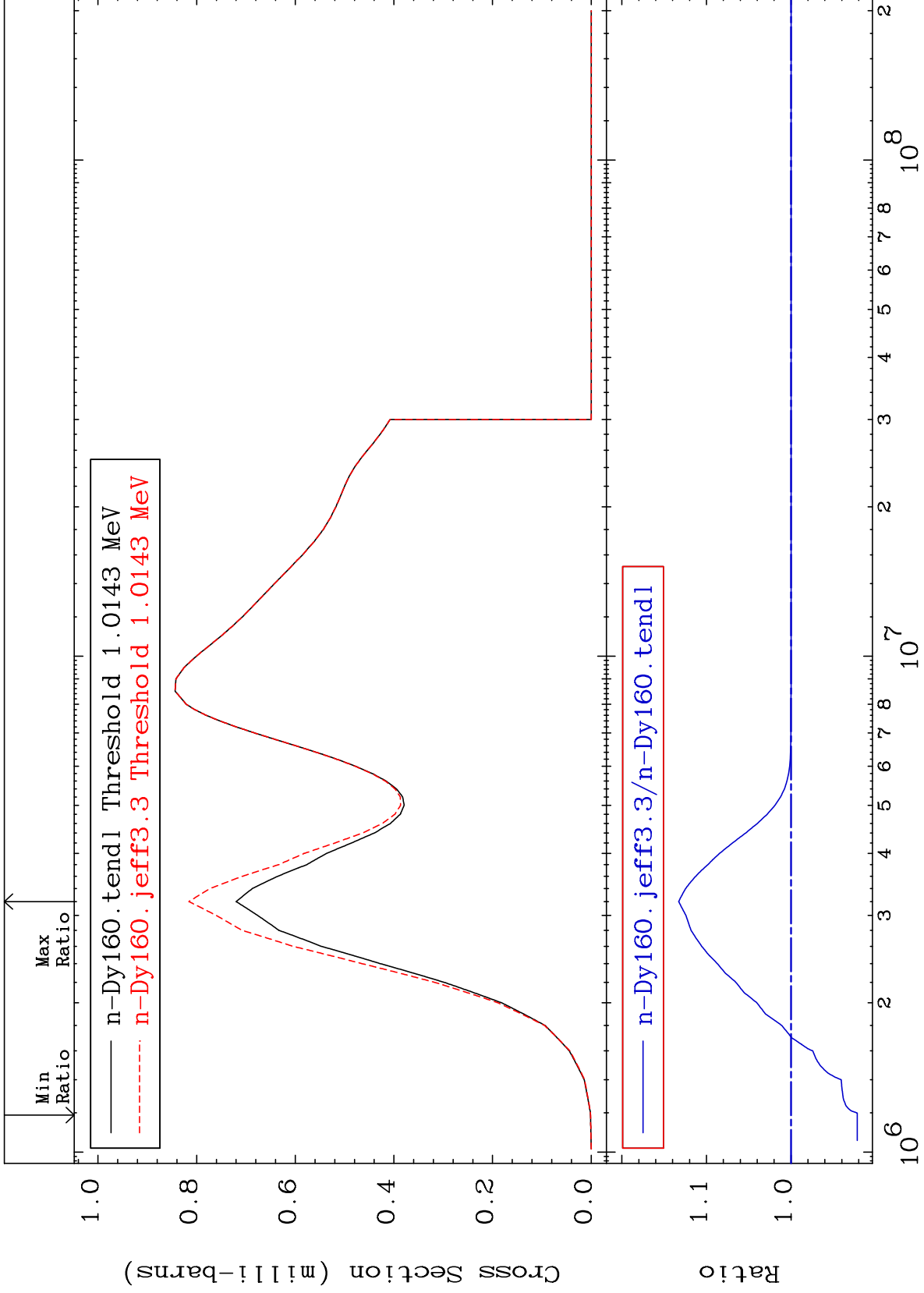
24

66-Dy-160

MAT 6637

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

66-Dy-160
-7.830 To 13.29 %



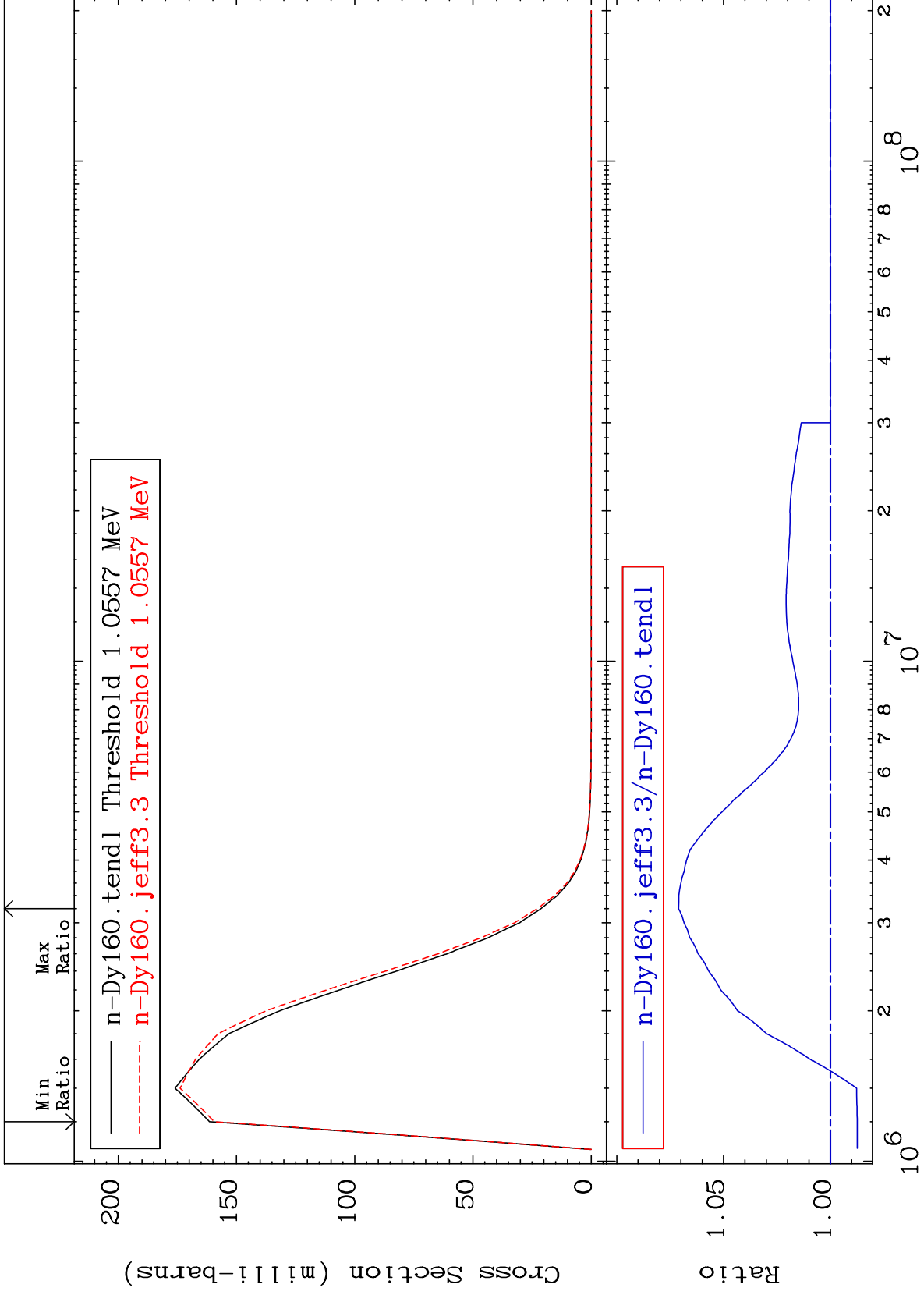
25

66-Dy-160

MAT 6637

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

66-Dy-160
-1.260 To 7.104 %



26

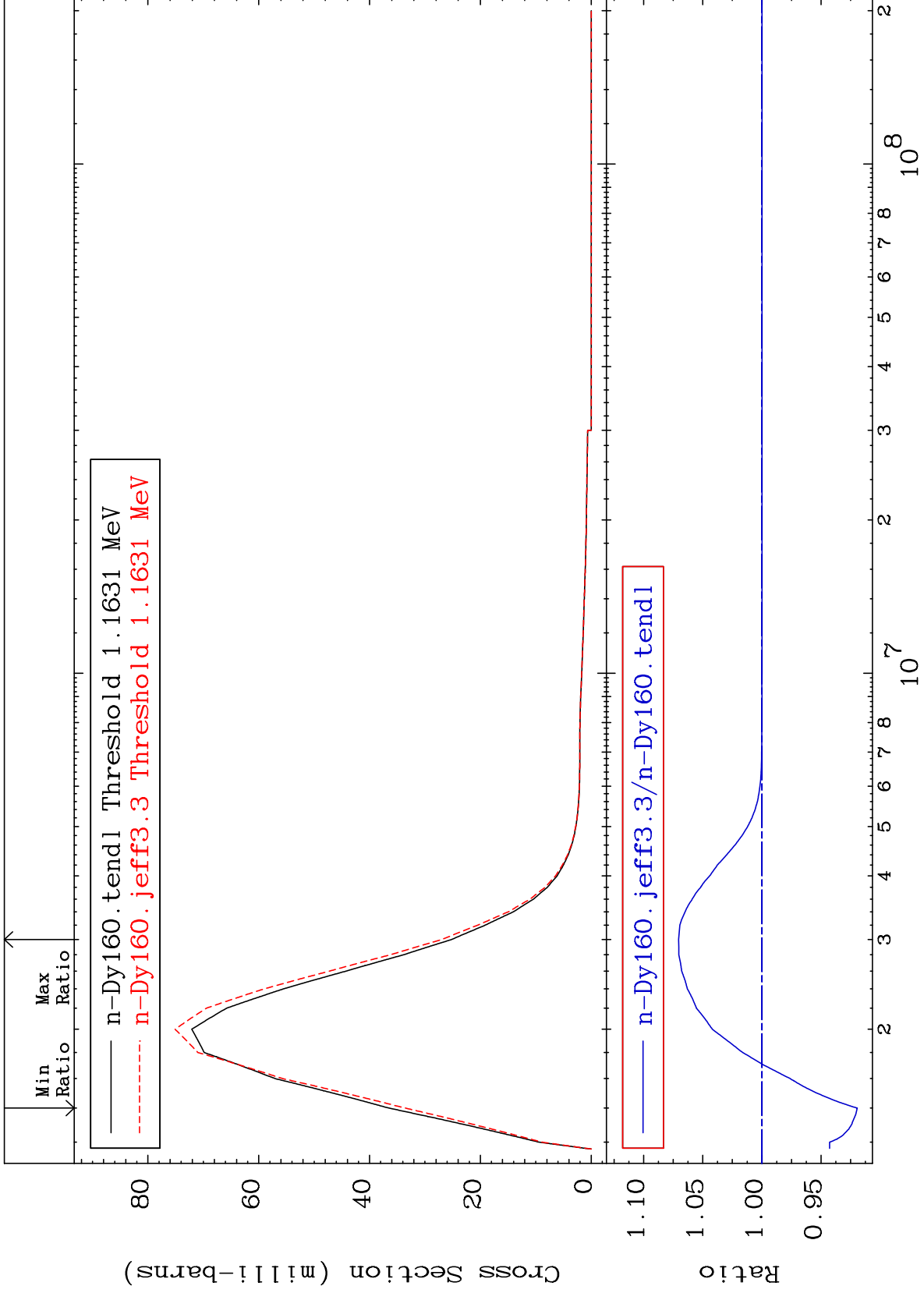
Incident Energy (eV)

66-Dy-160

MAT 6637

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

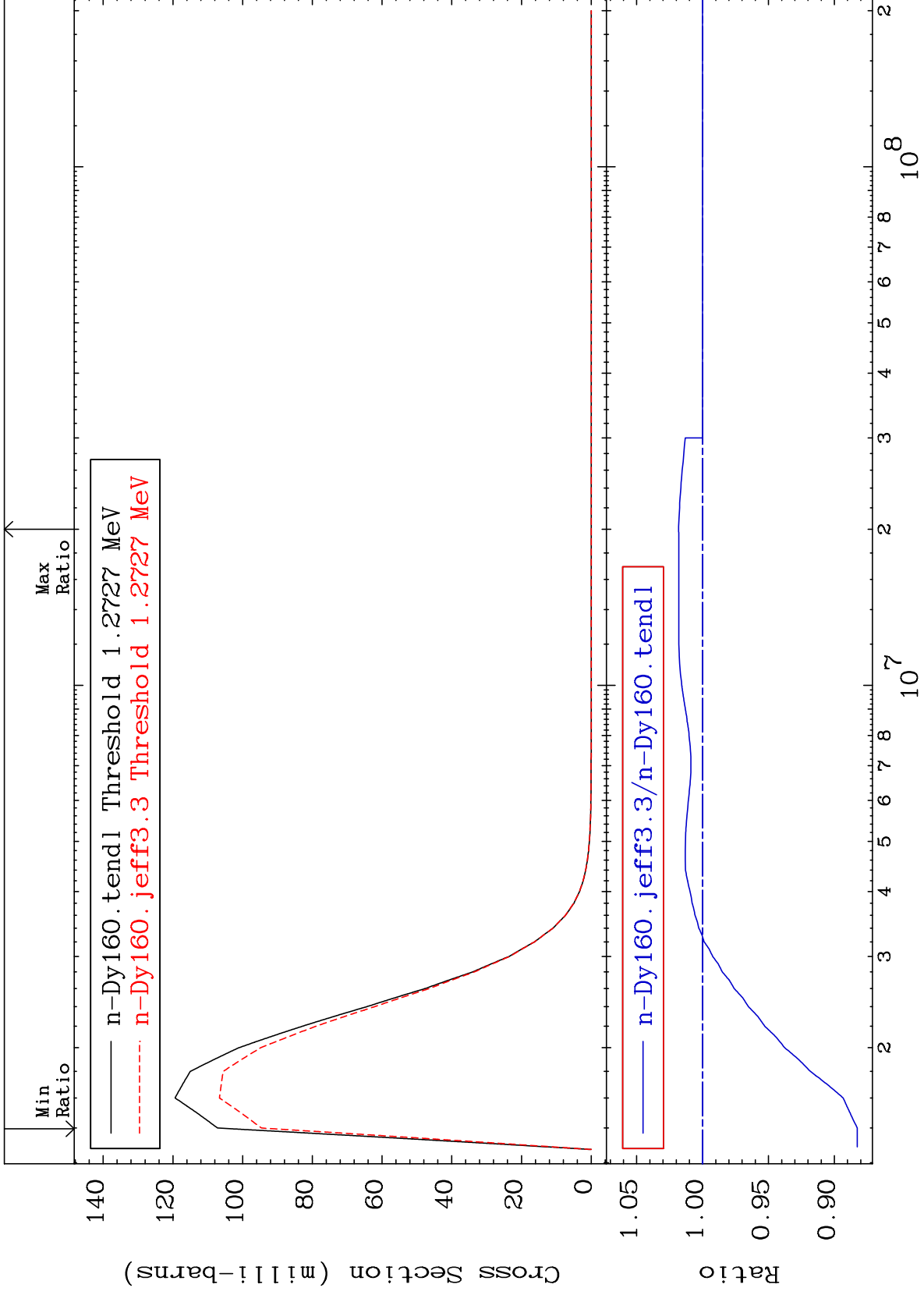
66-Dy-160
-8.067 To 7.044 %



MAT 6637

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

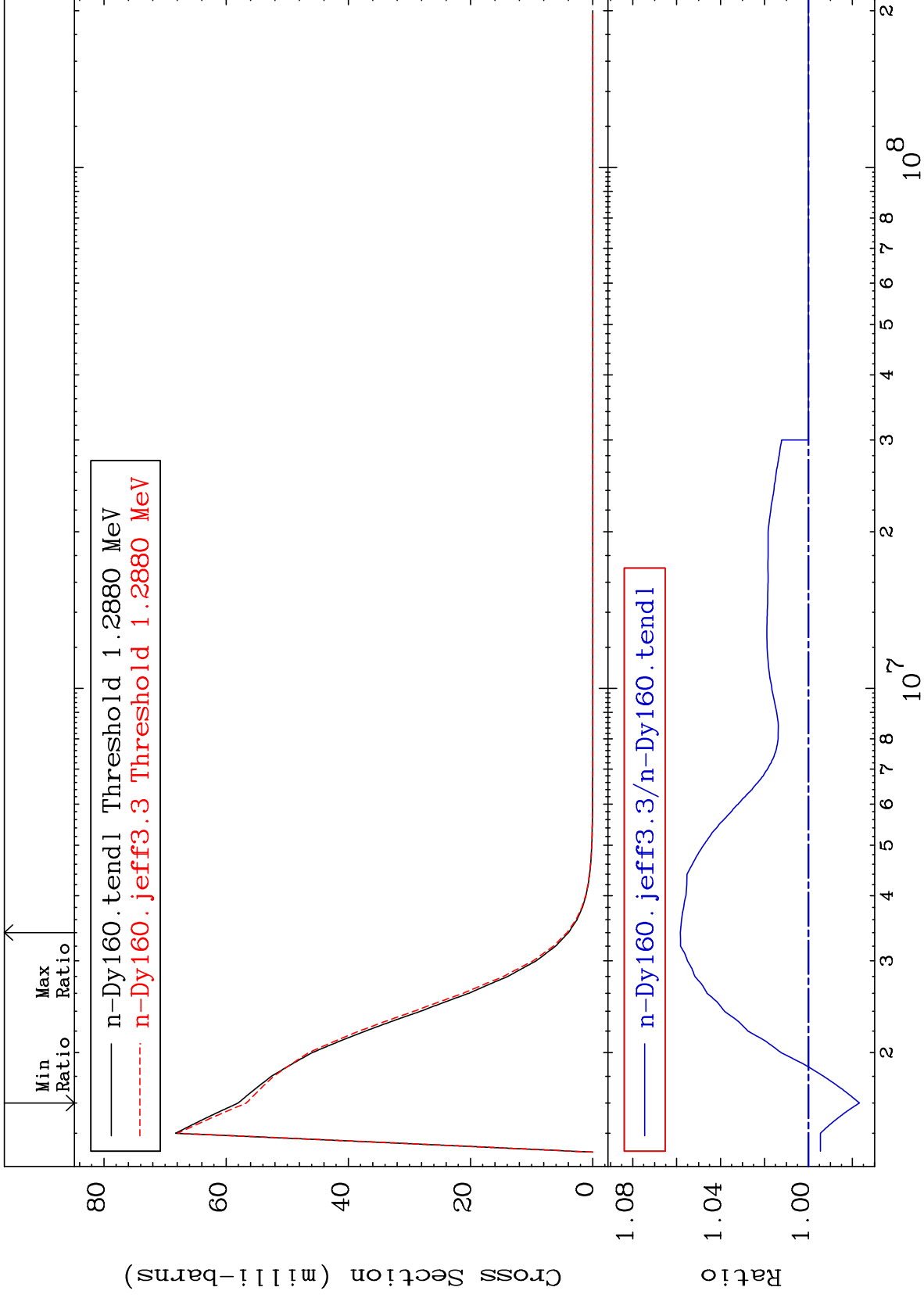
66-Dy-160
-11.74 To 1.816 %



MAT 6637

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

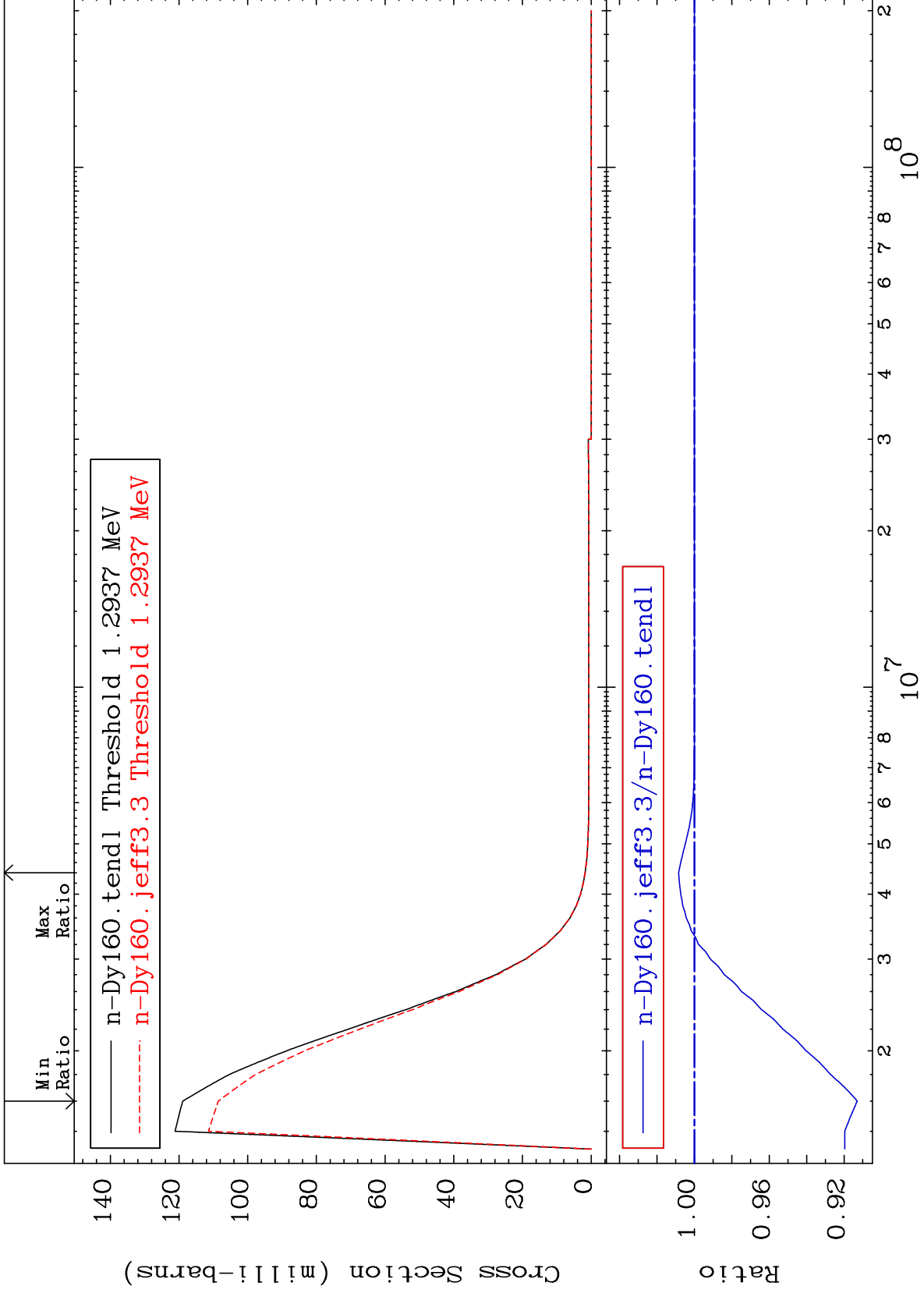
66-Dy-160
-2.321 To 5.829 %



MAT 6637

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

66-Dy-160
-8.706 To 0.844 %



30

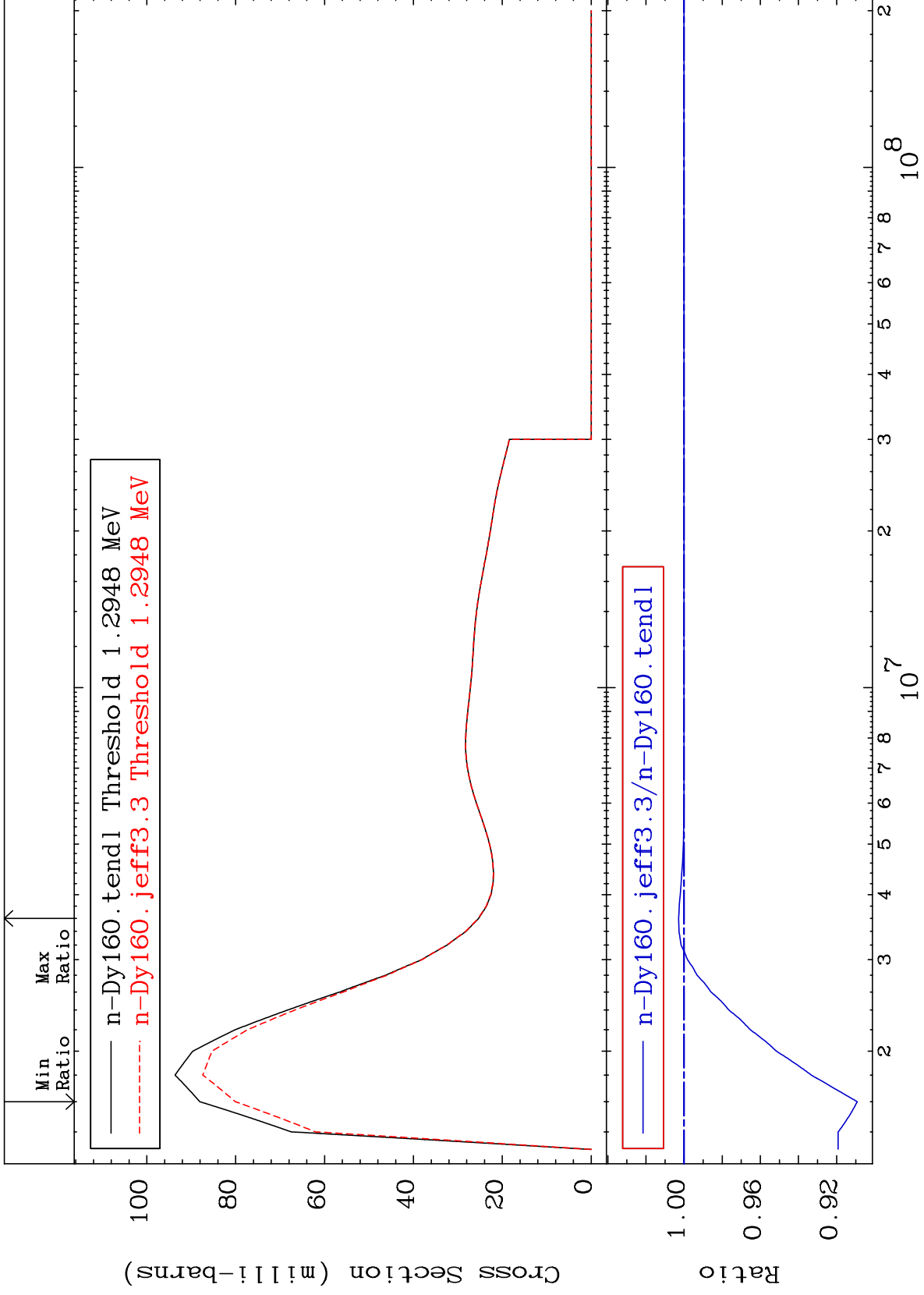
Incident Energy (eV)

66-Dy-160

MAT 6637

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

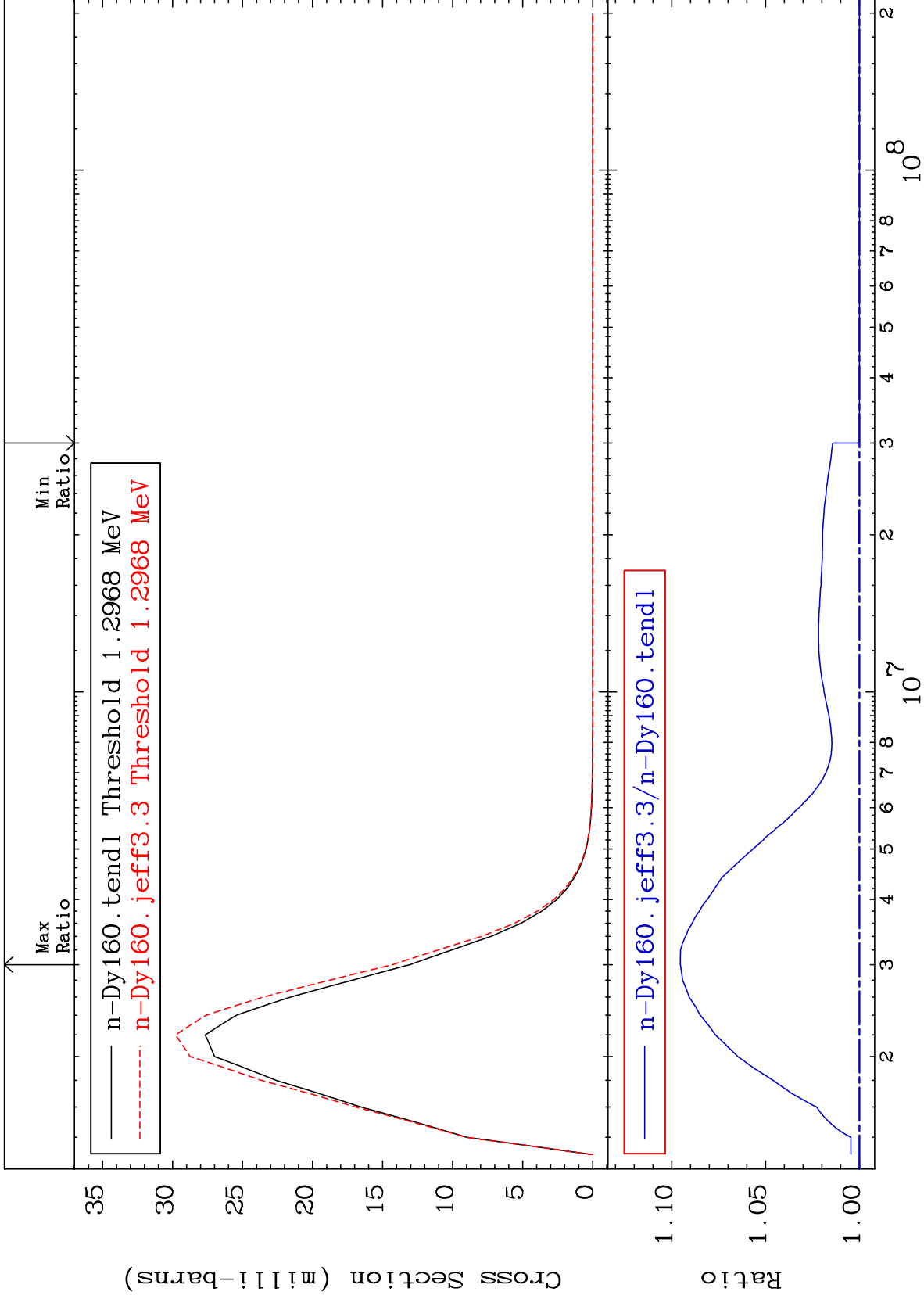
66-Dy-160
-9.081 To 0.285 %



MAT 6637

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

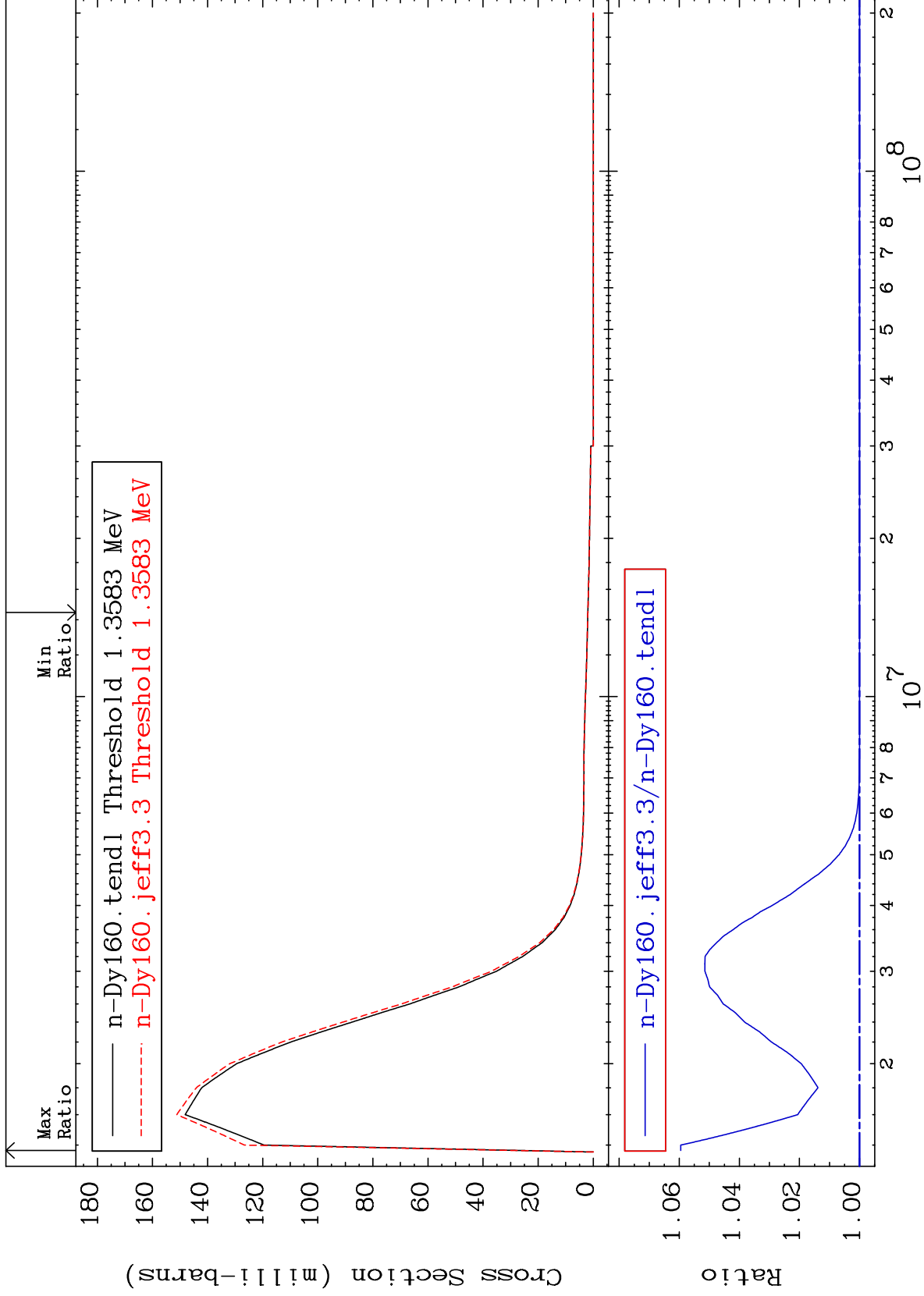
66-Dy-160
To 9.545 %



MAT 6637

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

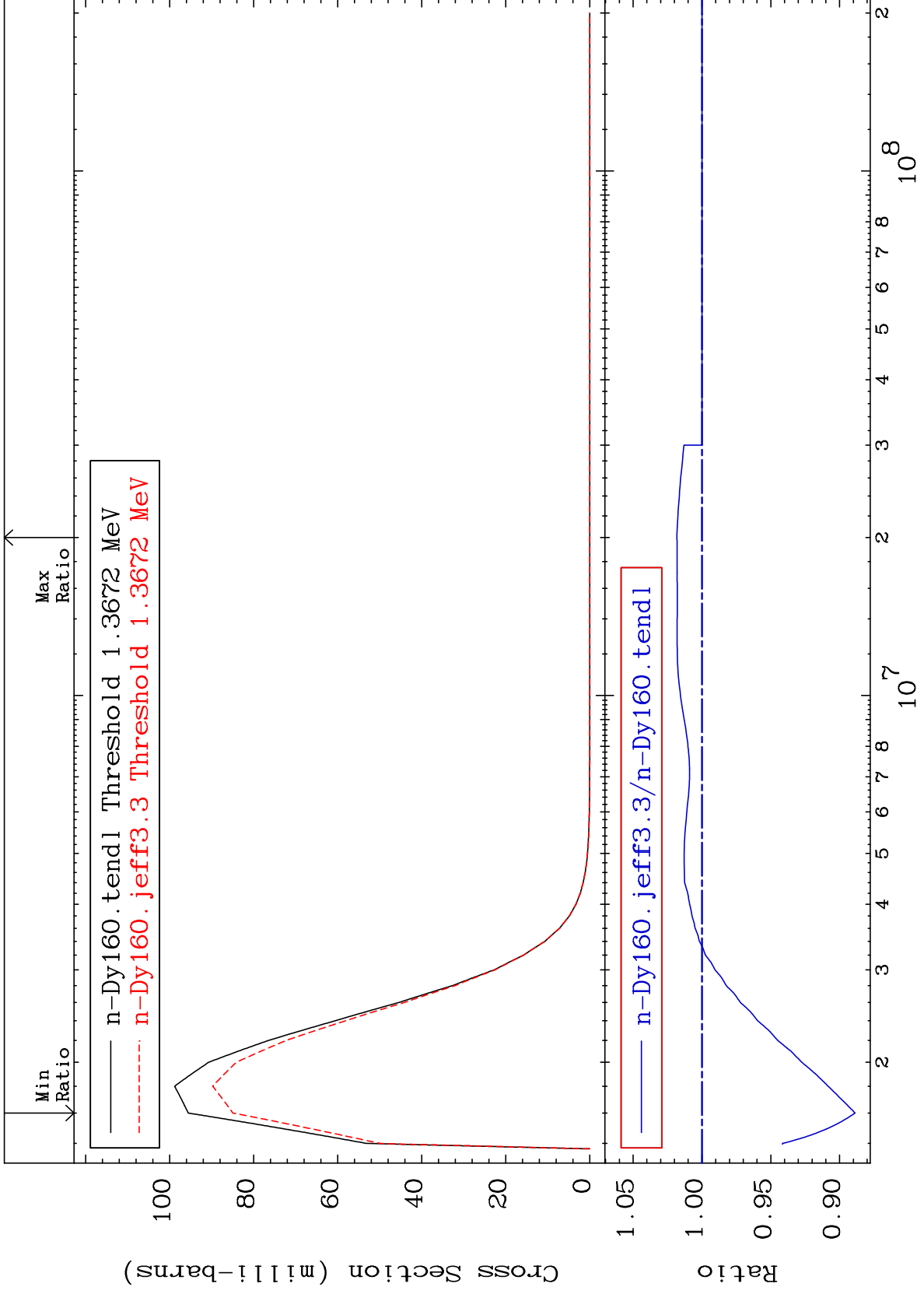
66-Dy-160
To 5.951 %



MAT 6637

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

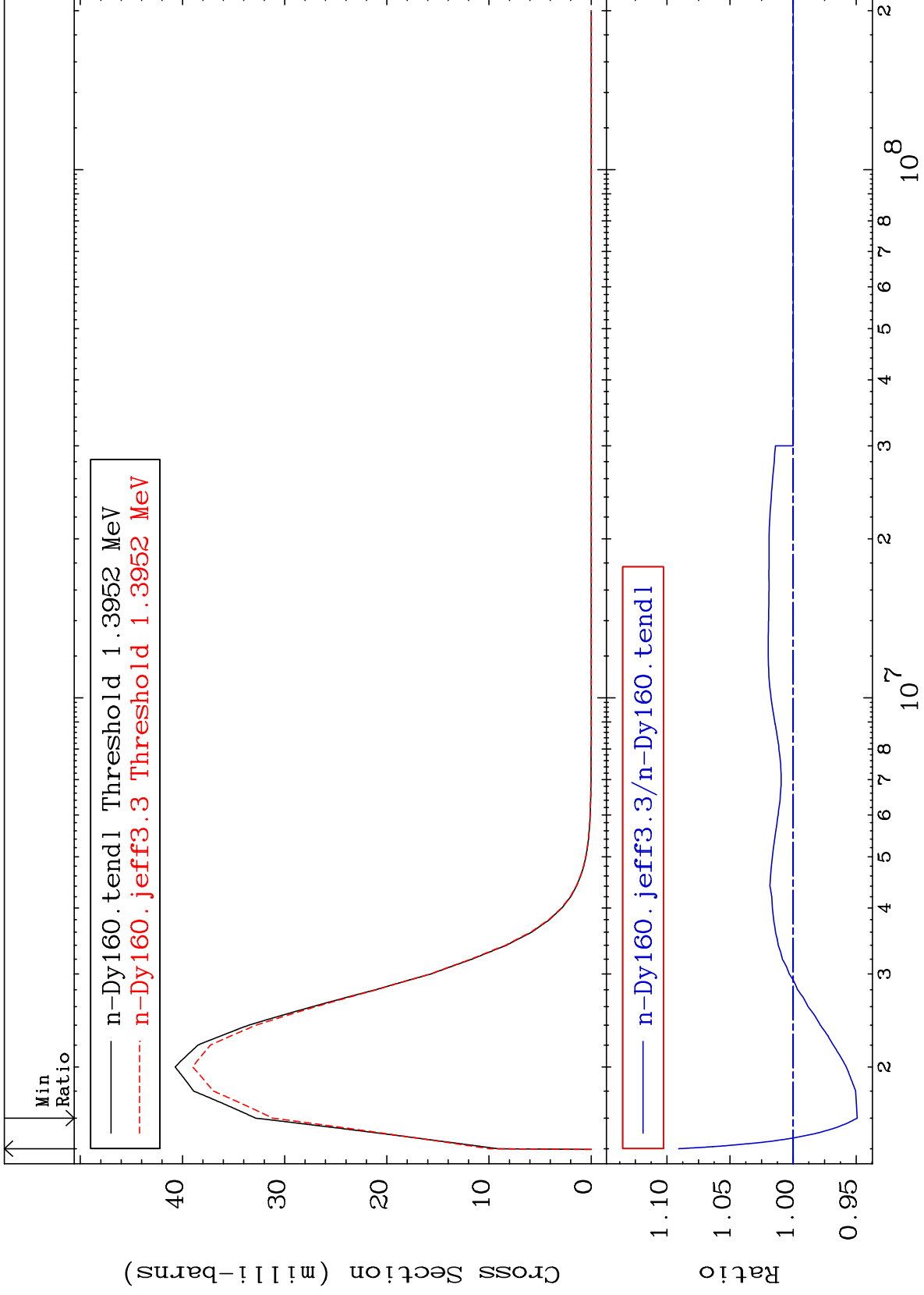
66-Dy-160
-11.12 To 1.818 %



MAT 6637

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

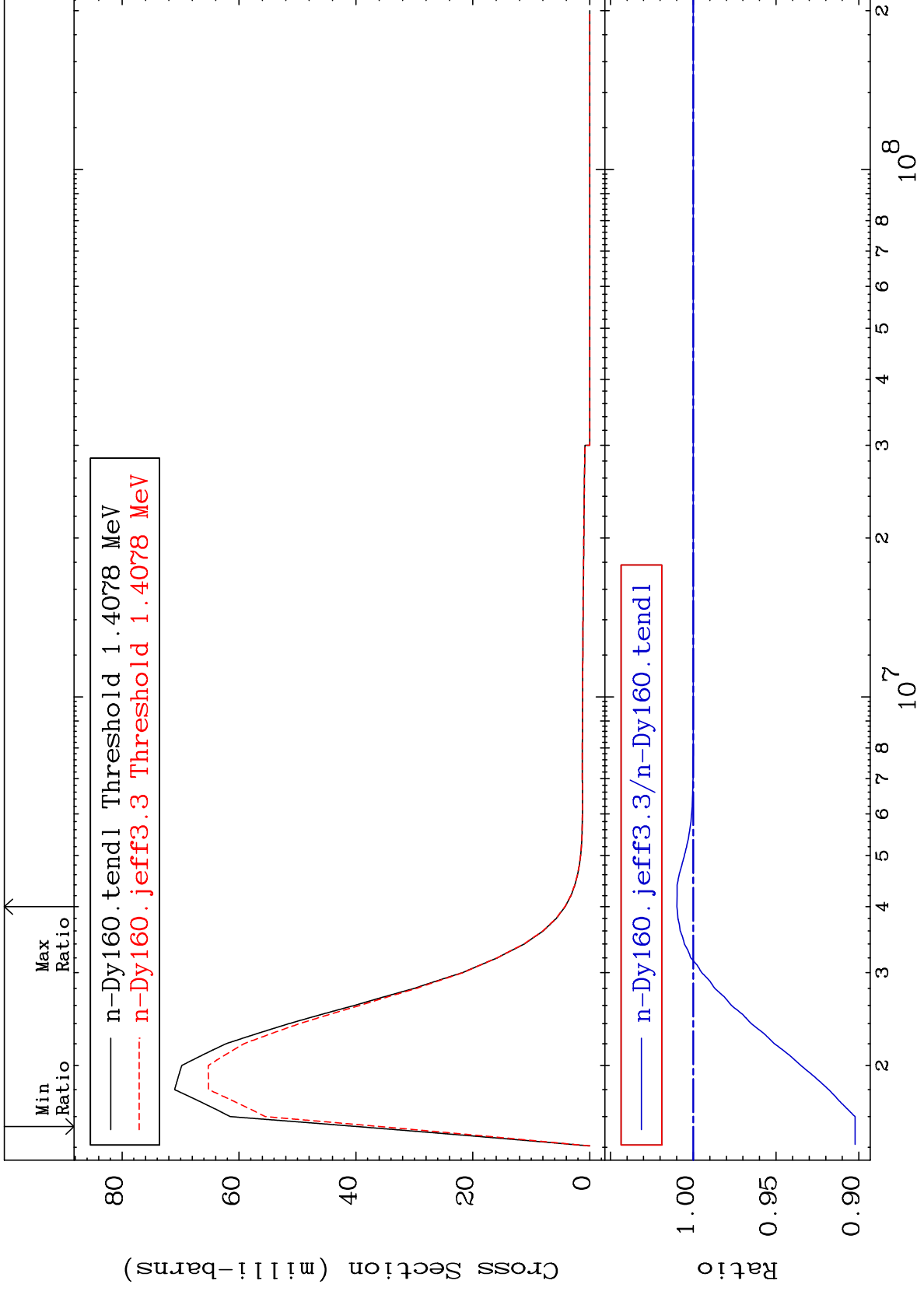
66-Dy-160
-5.085 To 9.074 %



MAT 6637

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

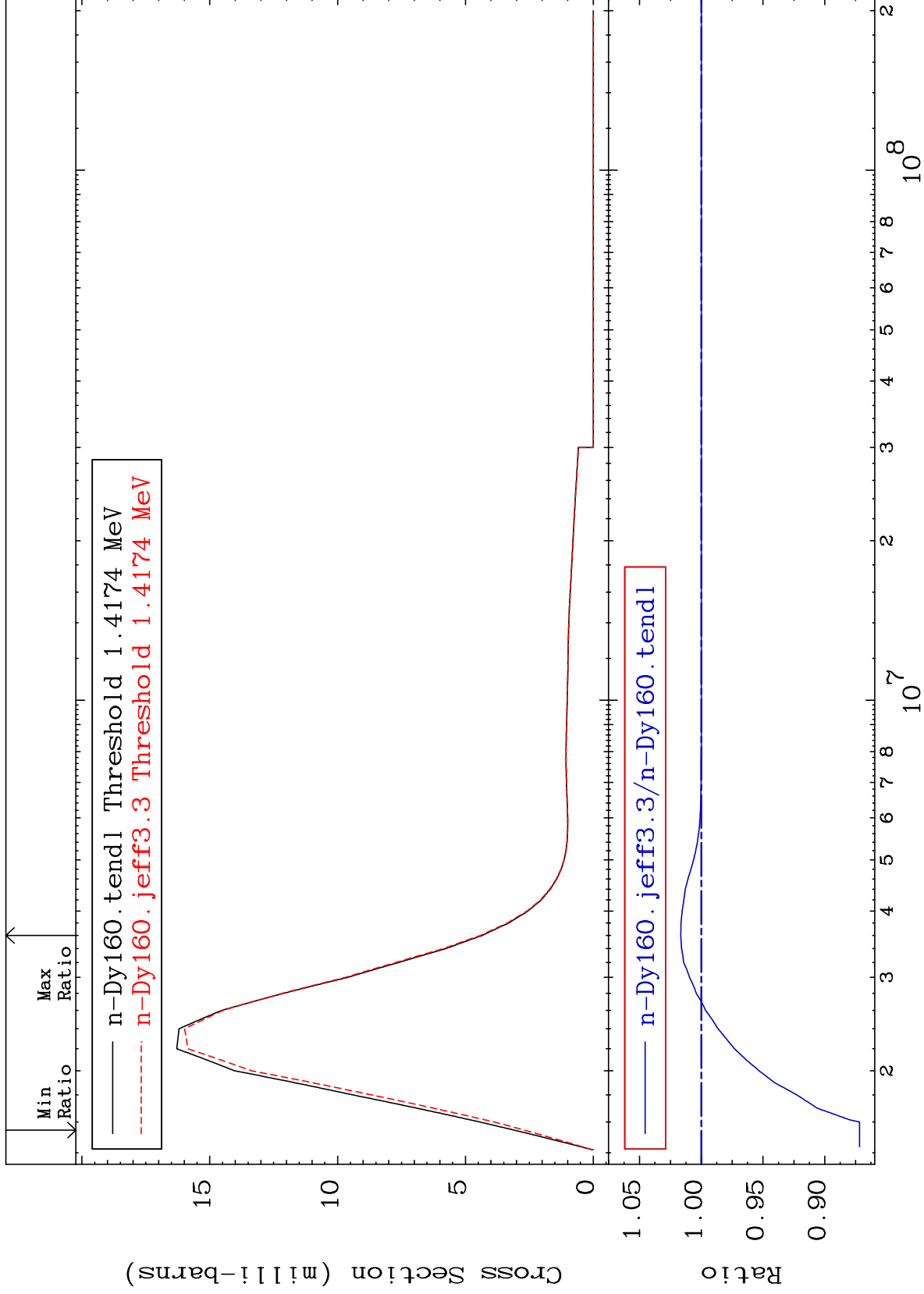
66-Dy-160
-9.771 To 0.986 %



MAT 6637

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

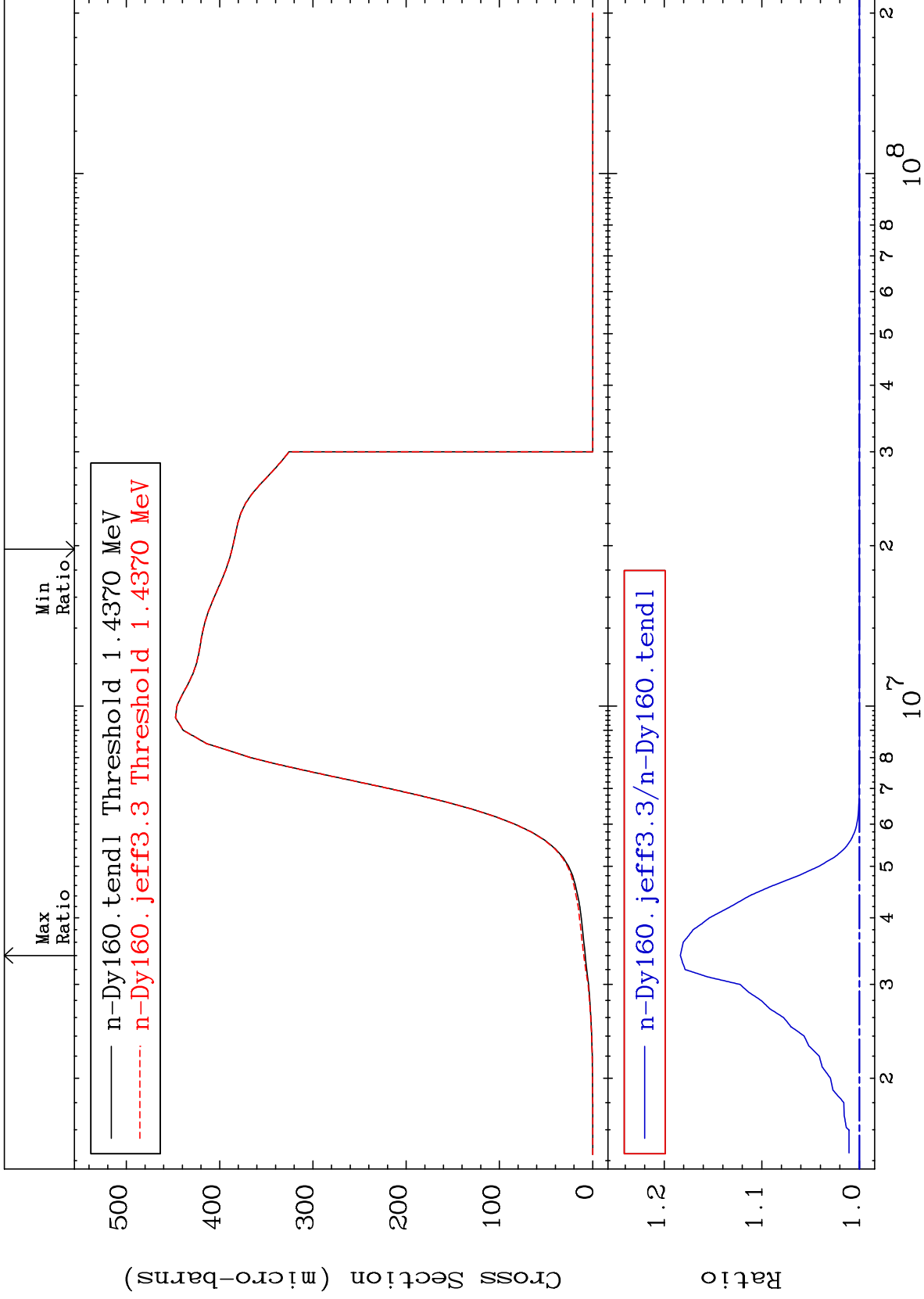
66-Dy-160
-12.82 To 1.664 %



MAT 6637

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

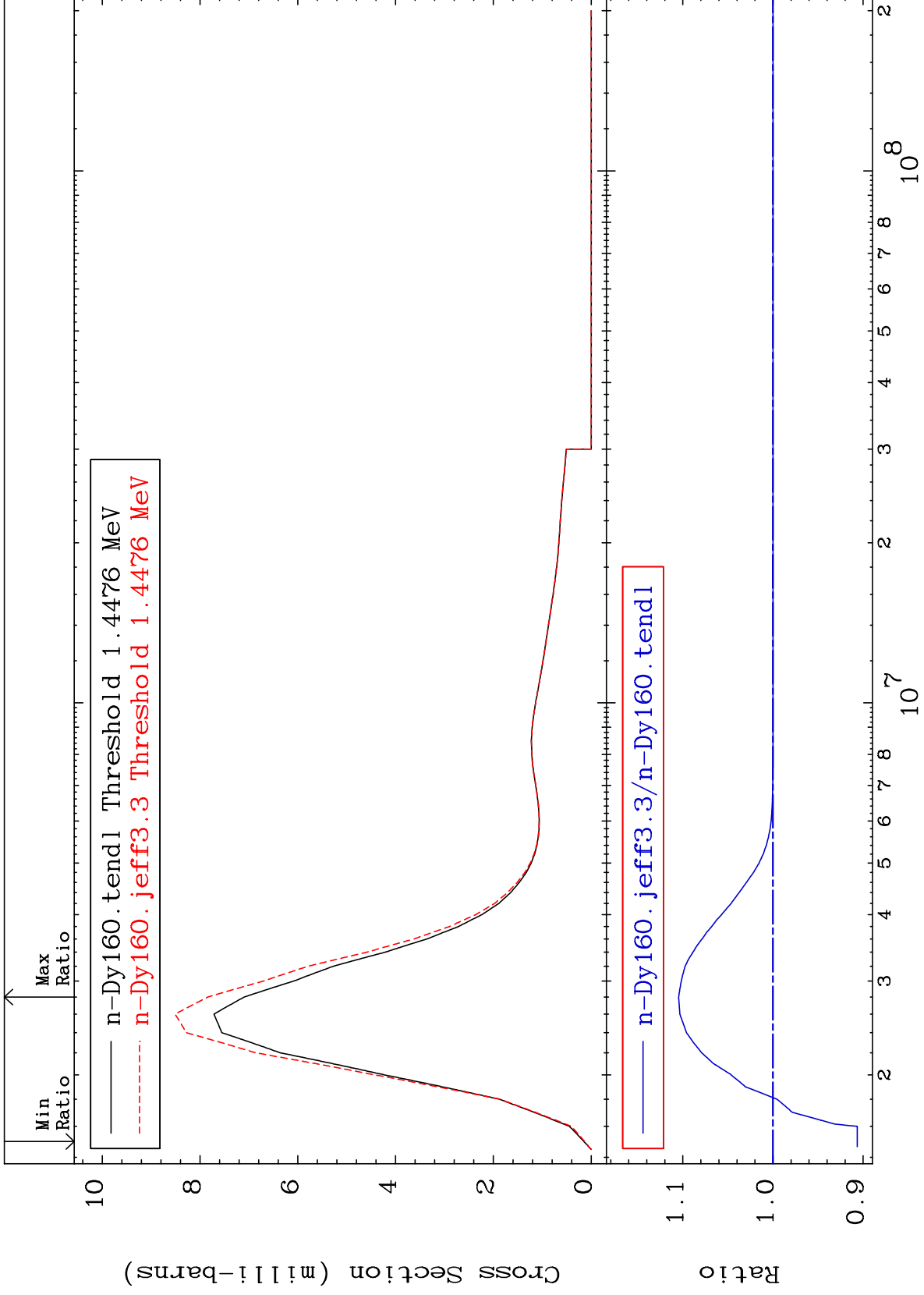
66-Dy-160
To 18.35 %



MAT 6637

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

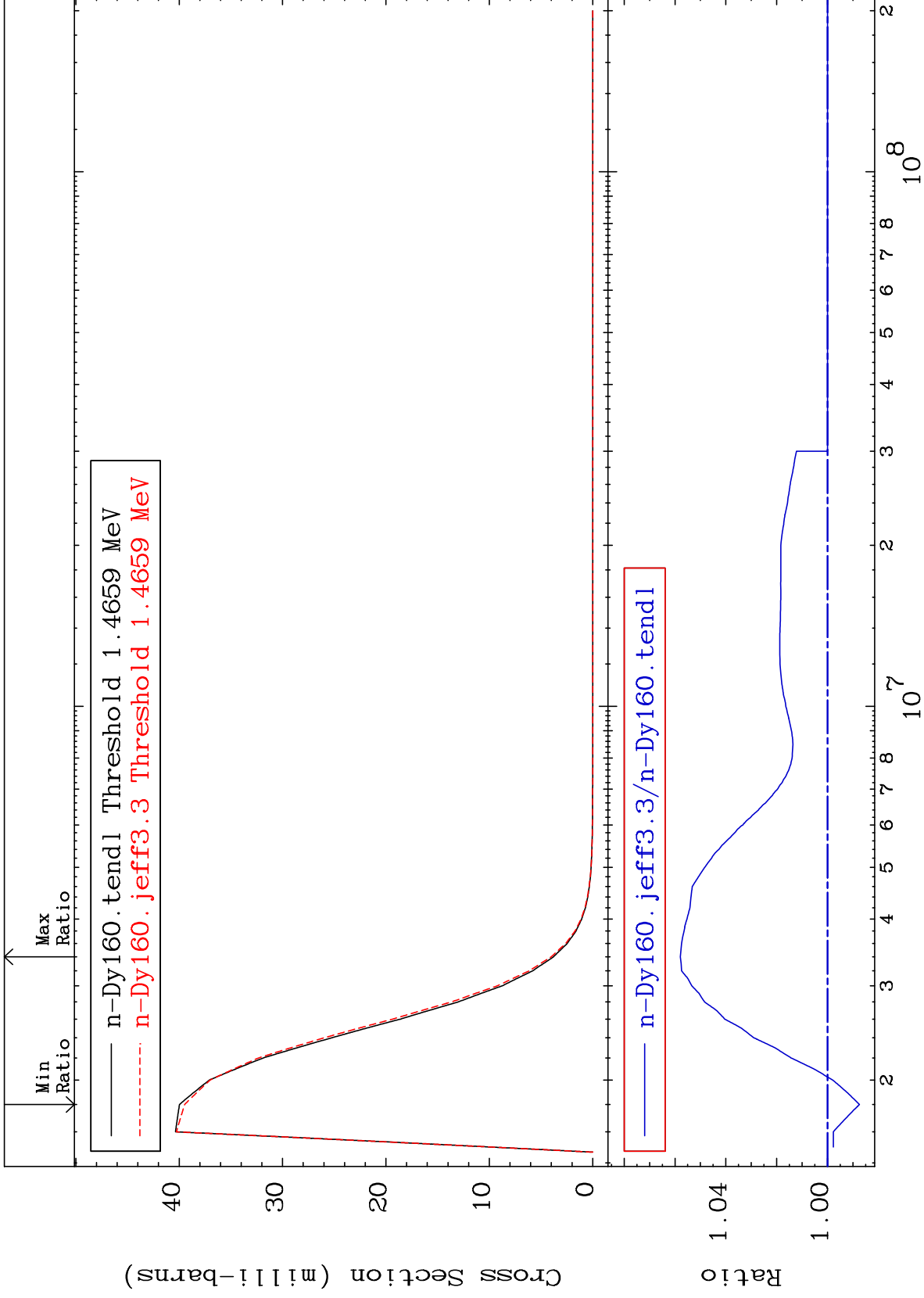
66-Dy-160
-9.345 To 10.47 %



MAT 6637

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

66-Dy-160
-1.257 To 5.789 %



40

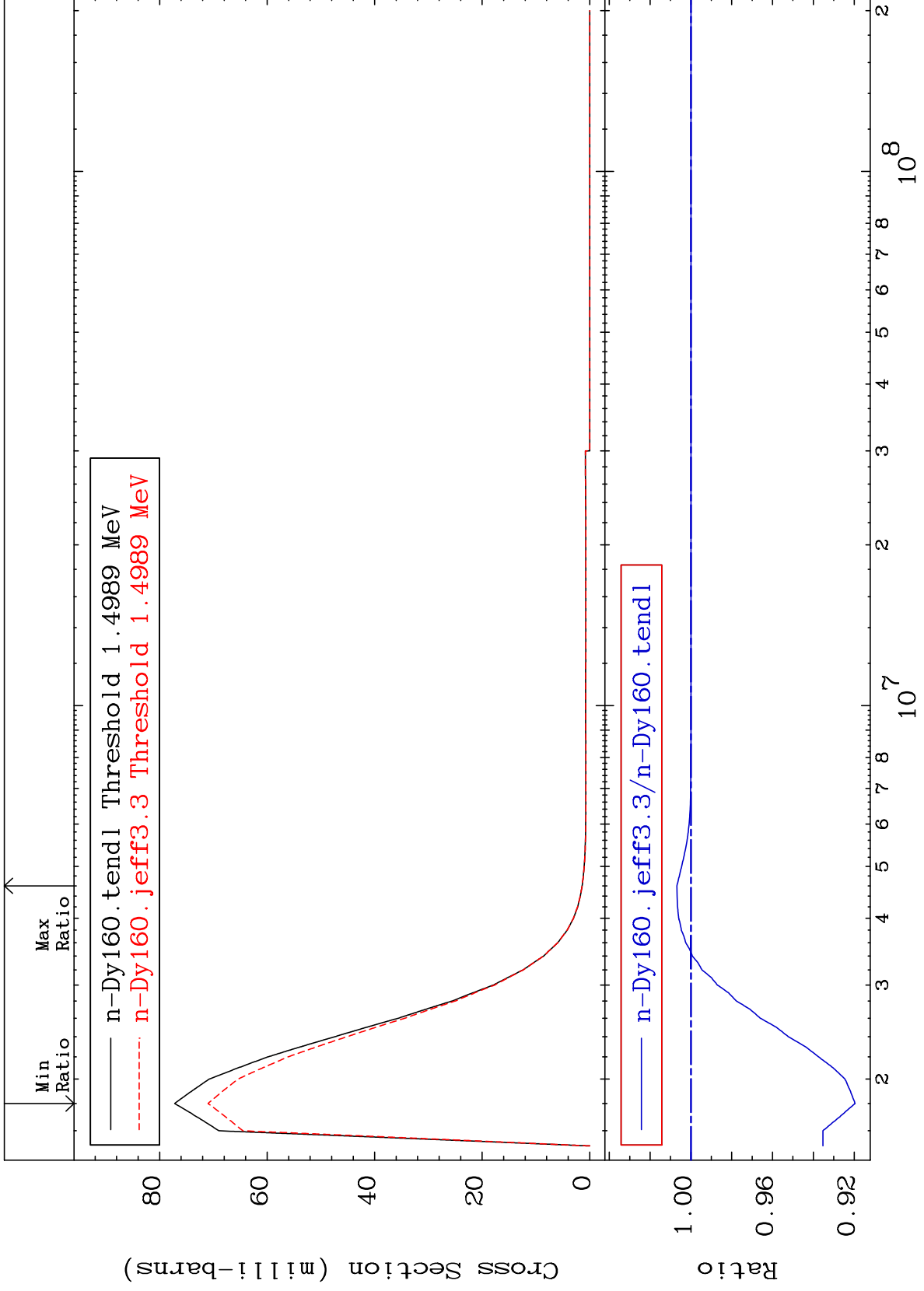
Incident Energy (eV)

66-Dy-160

MAT 6637

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

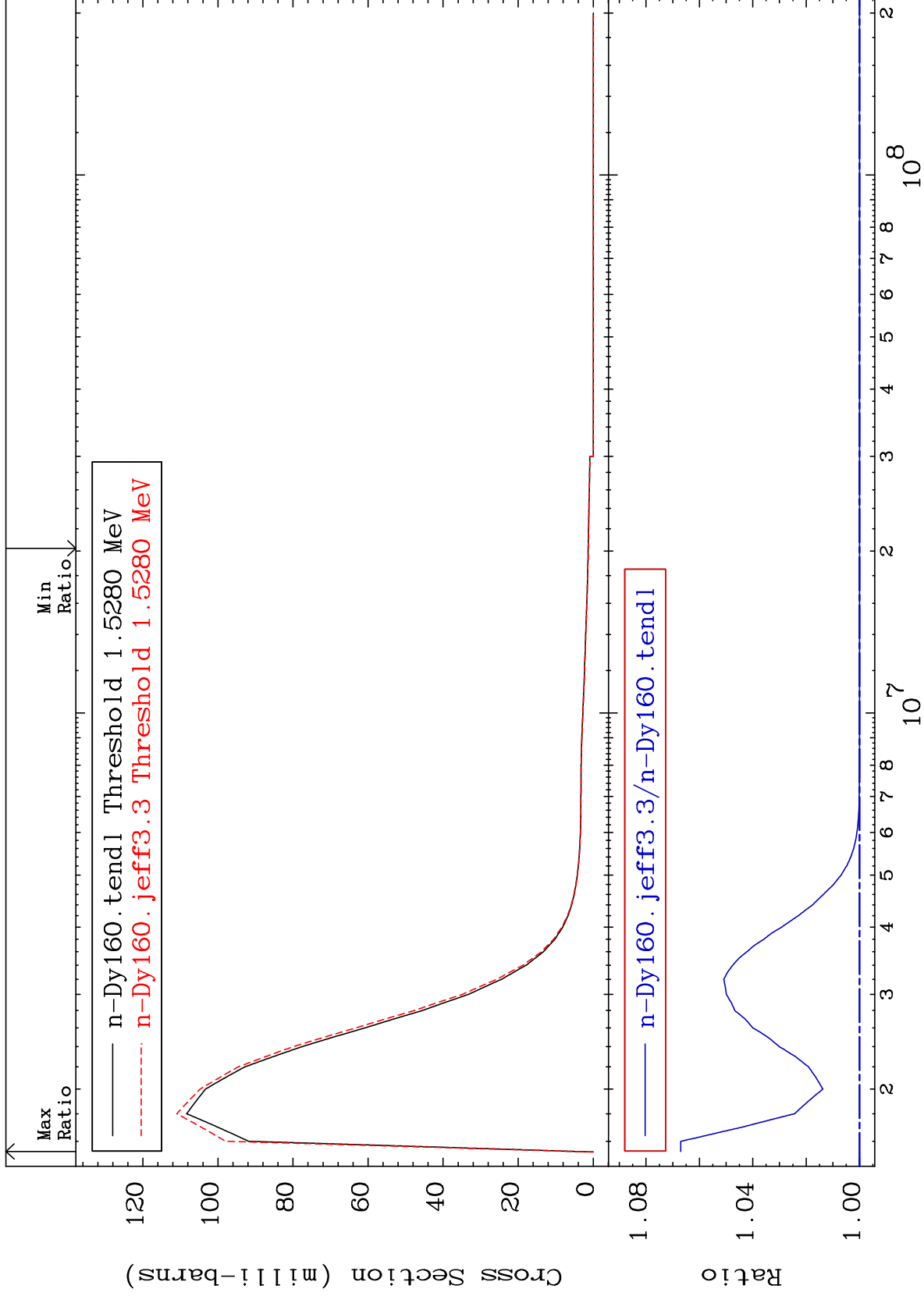
66-Dy-160
-8.046 To 0.686 %



MAT 6637

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

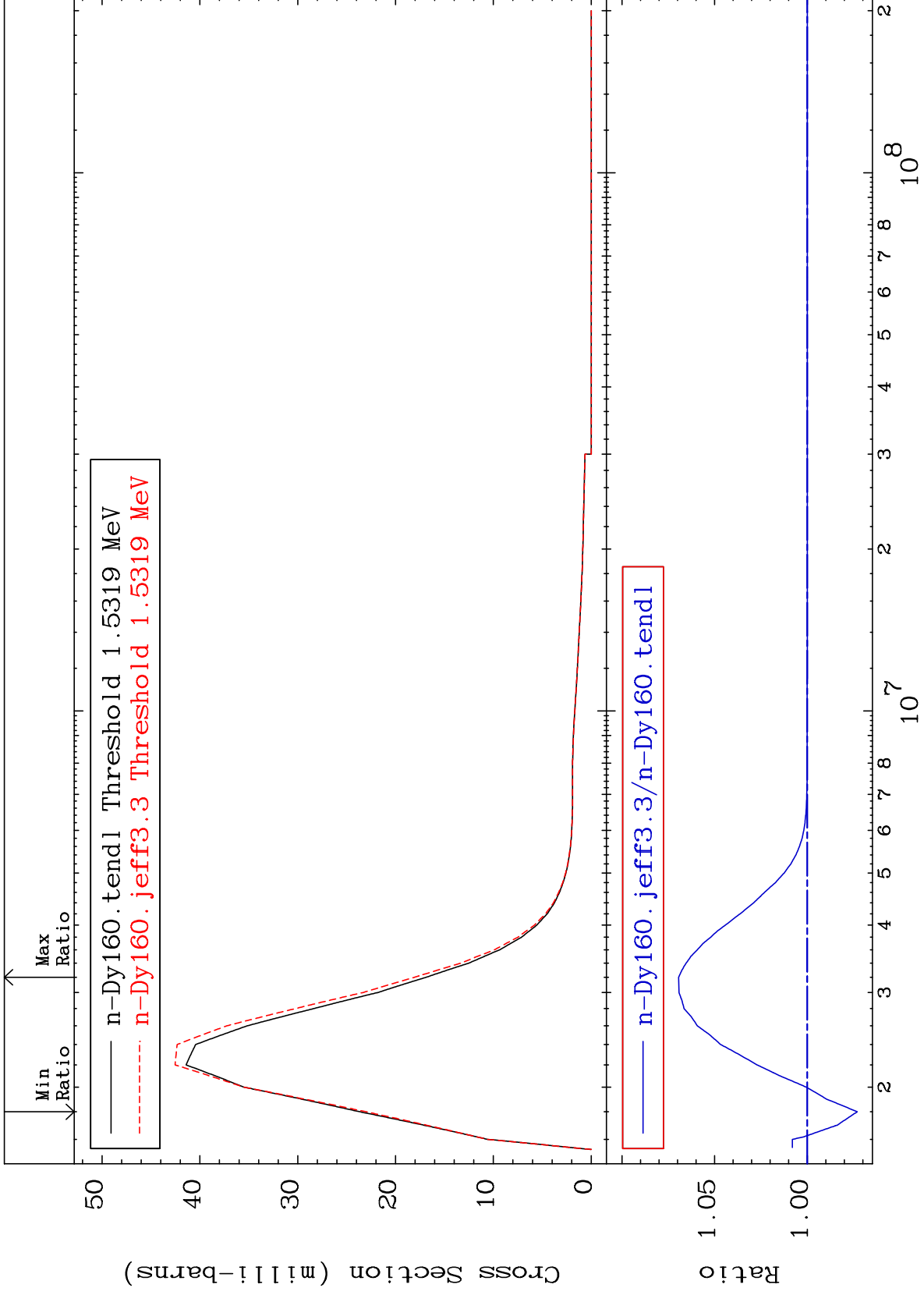
66-Dy-160
0.000 To 6.699 %



MAT 6637

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

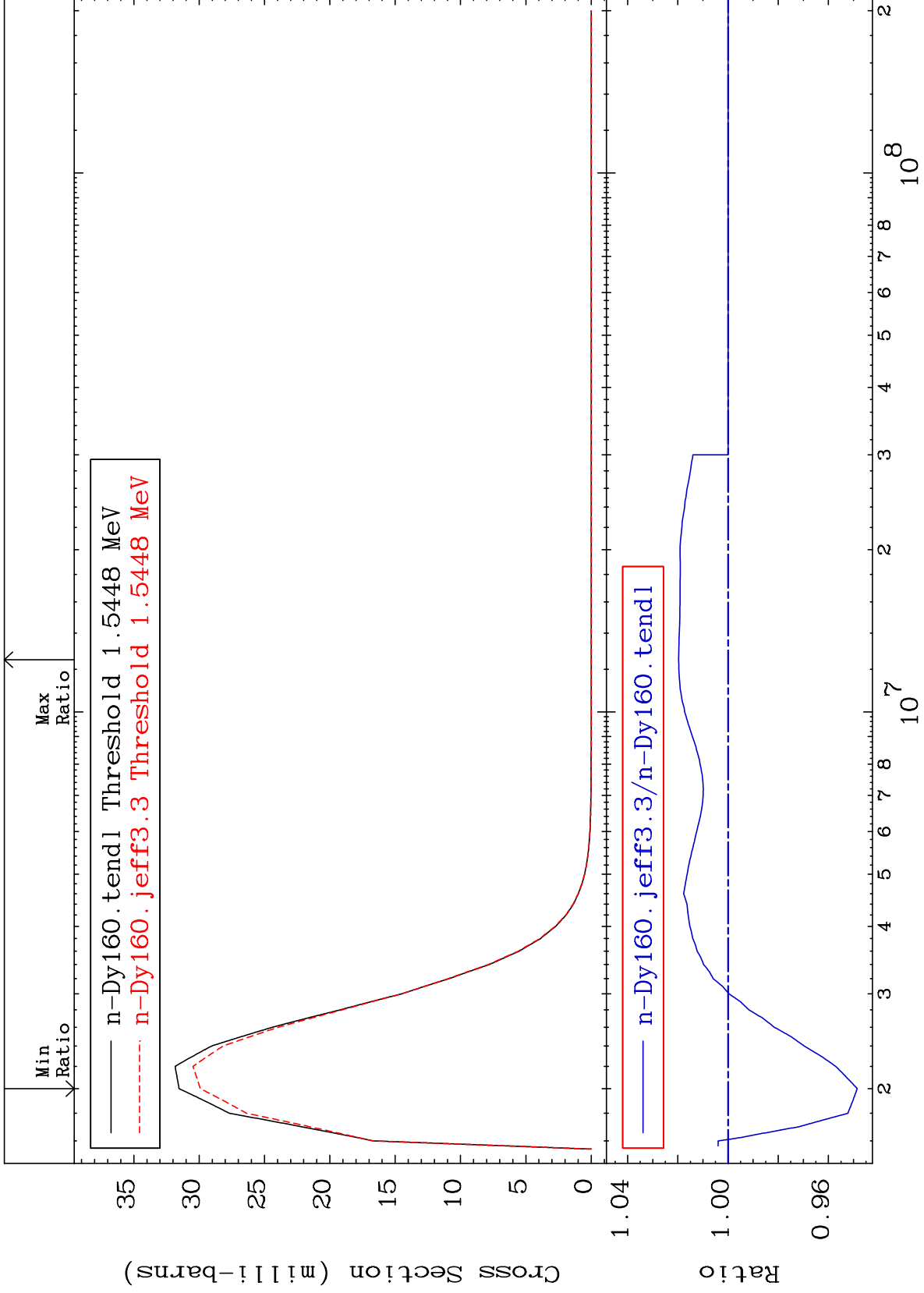
66-Dy-160
-2.700 To 6.940 %



MAT 6637

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

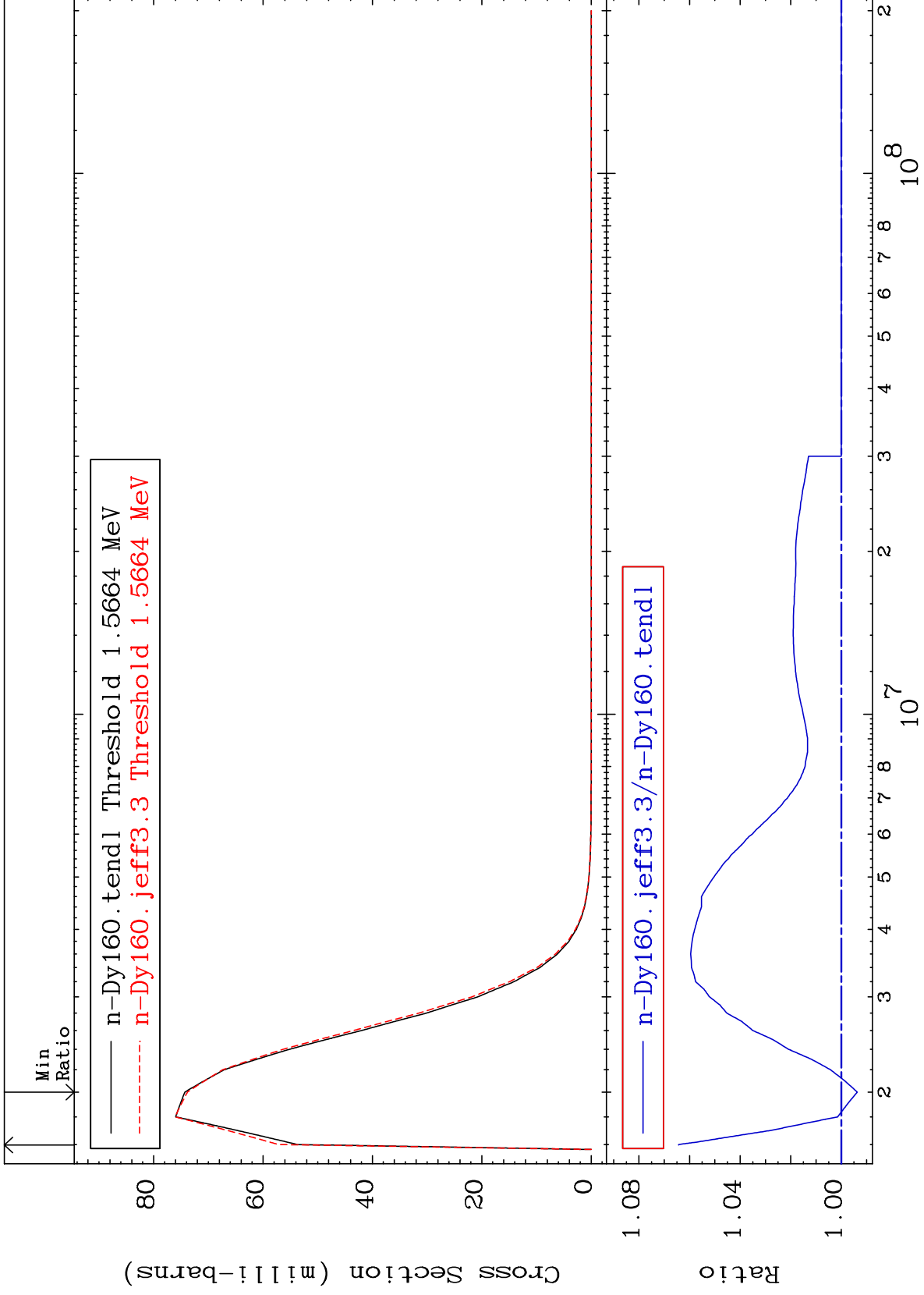
66-Dy-160
-5.149 To 1.969 %



MAT 6637

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

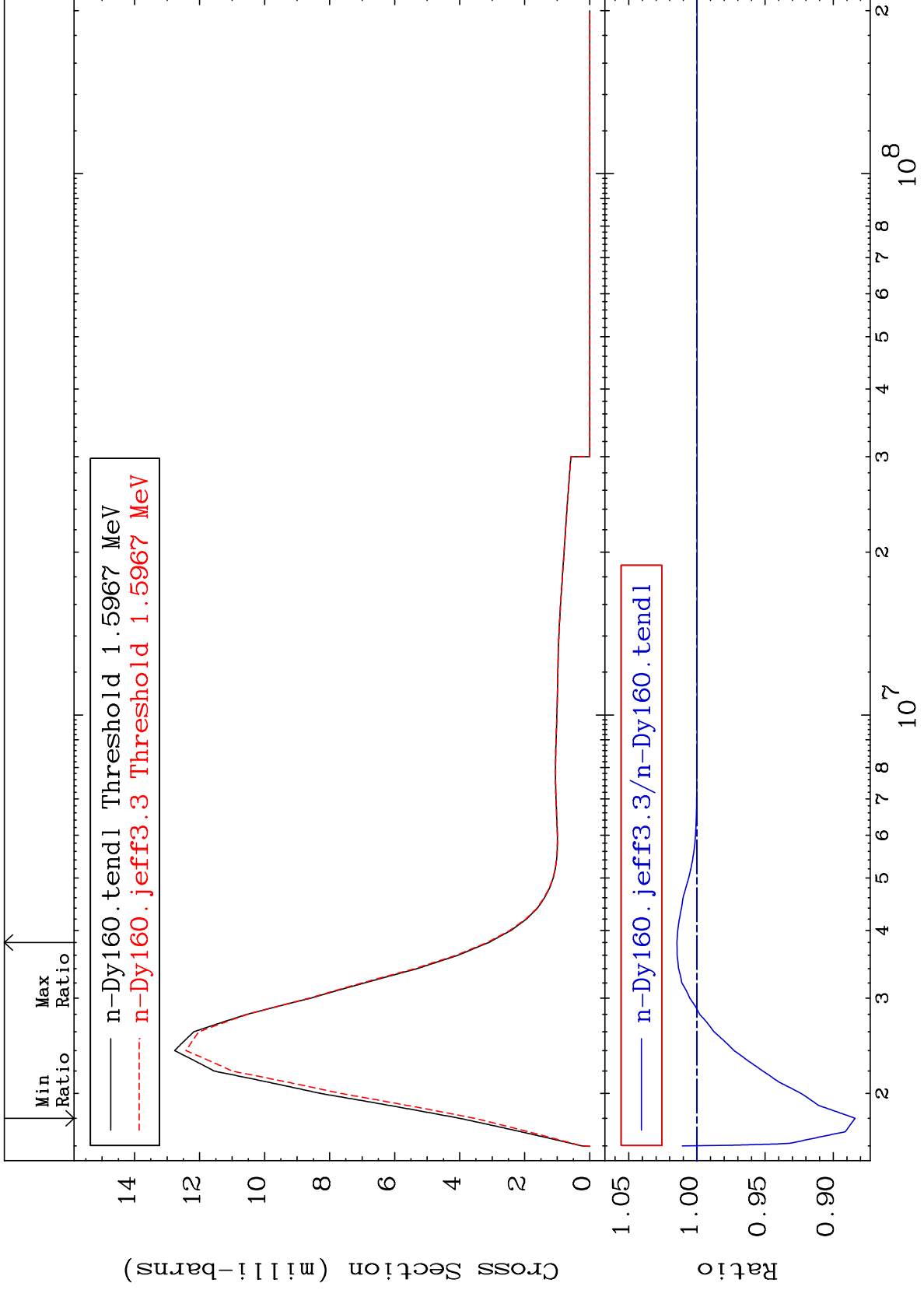
66-Dy-160
-0.630 To 6.431 %



MAT 6637

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

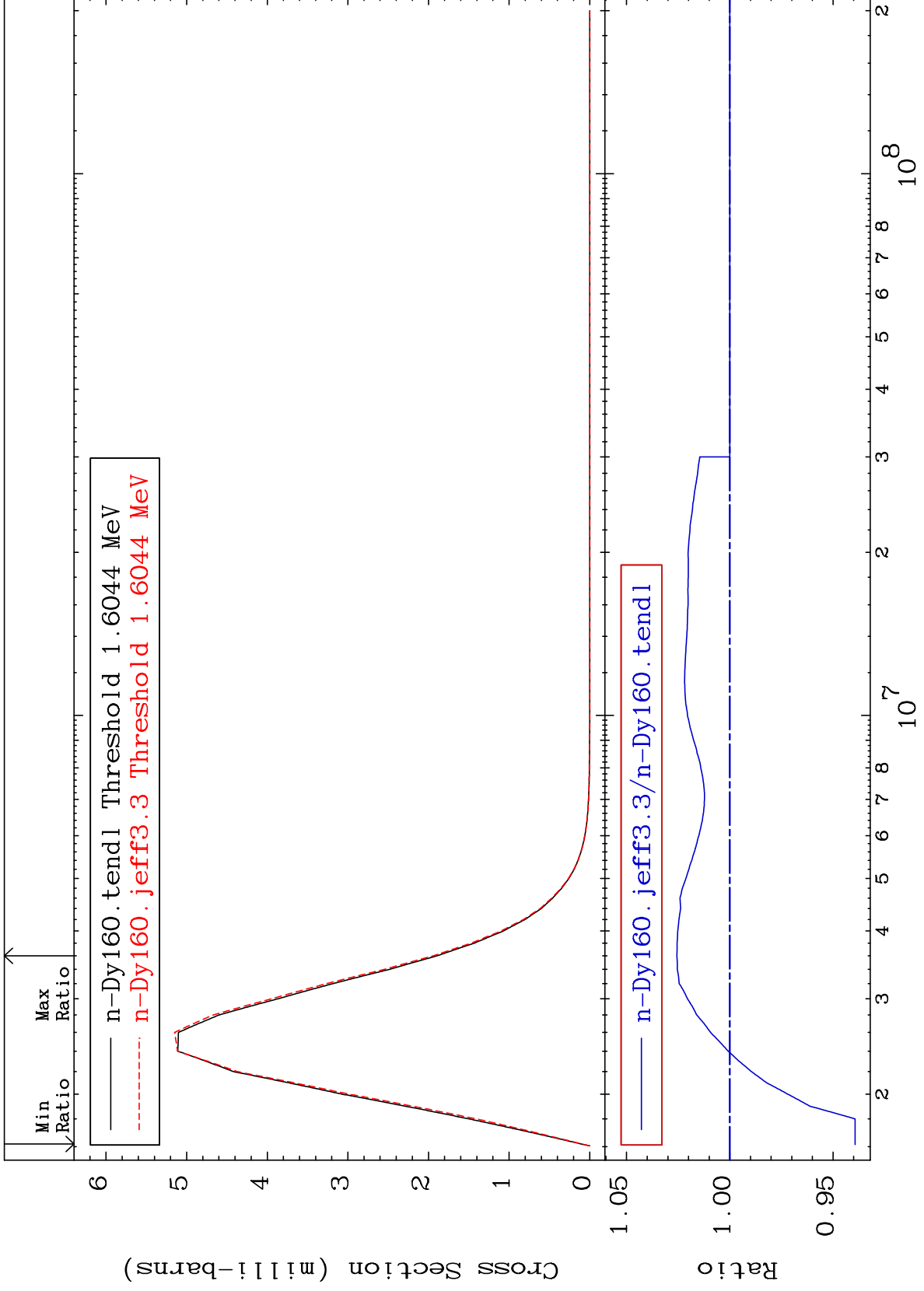
66-Dy-160
-11.60 To 1.469 %



MAT 6637

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

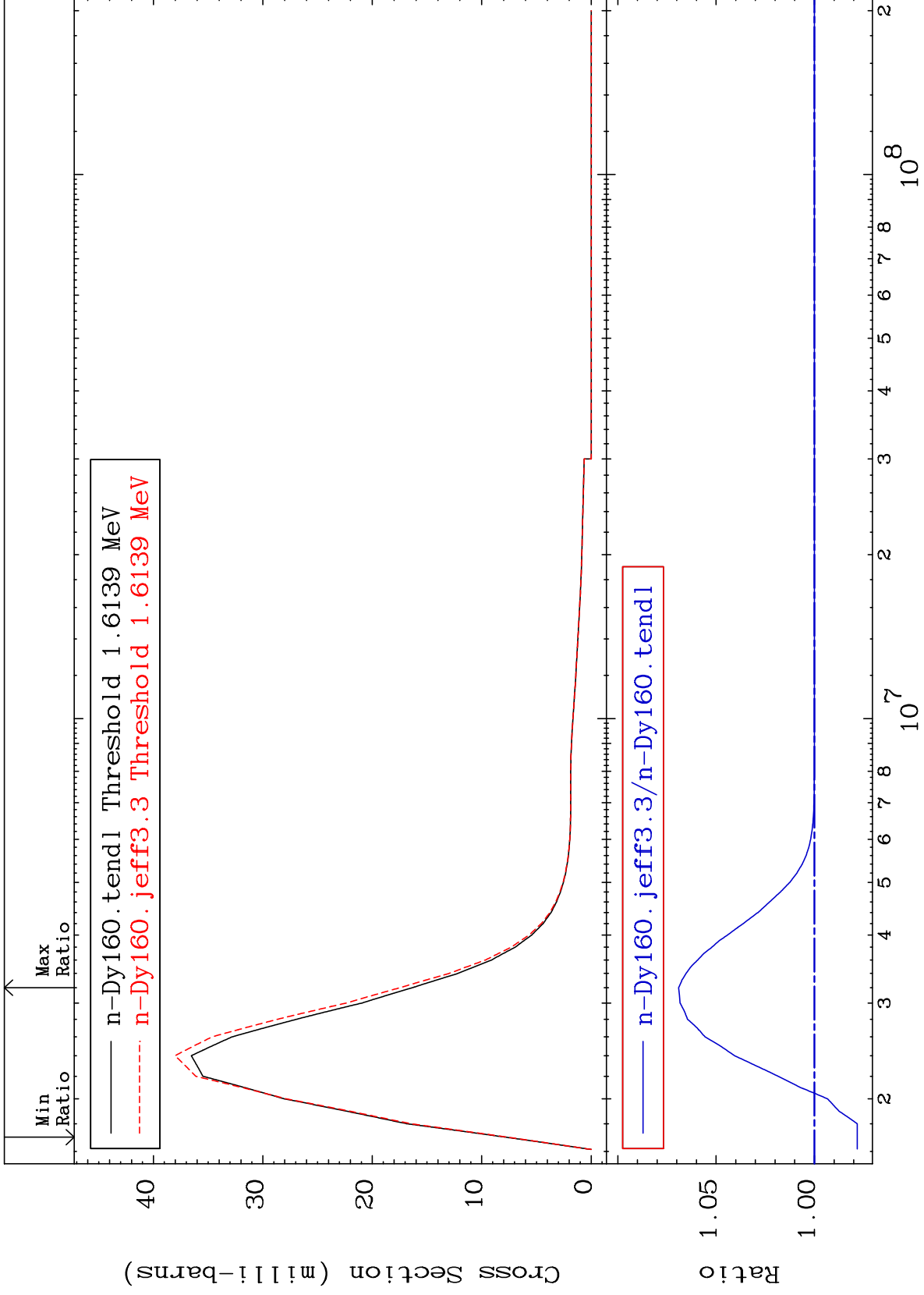
66-Dy-160
-6.066 To 2.561 %



MAT 6637

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

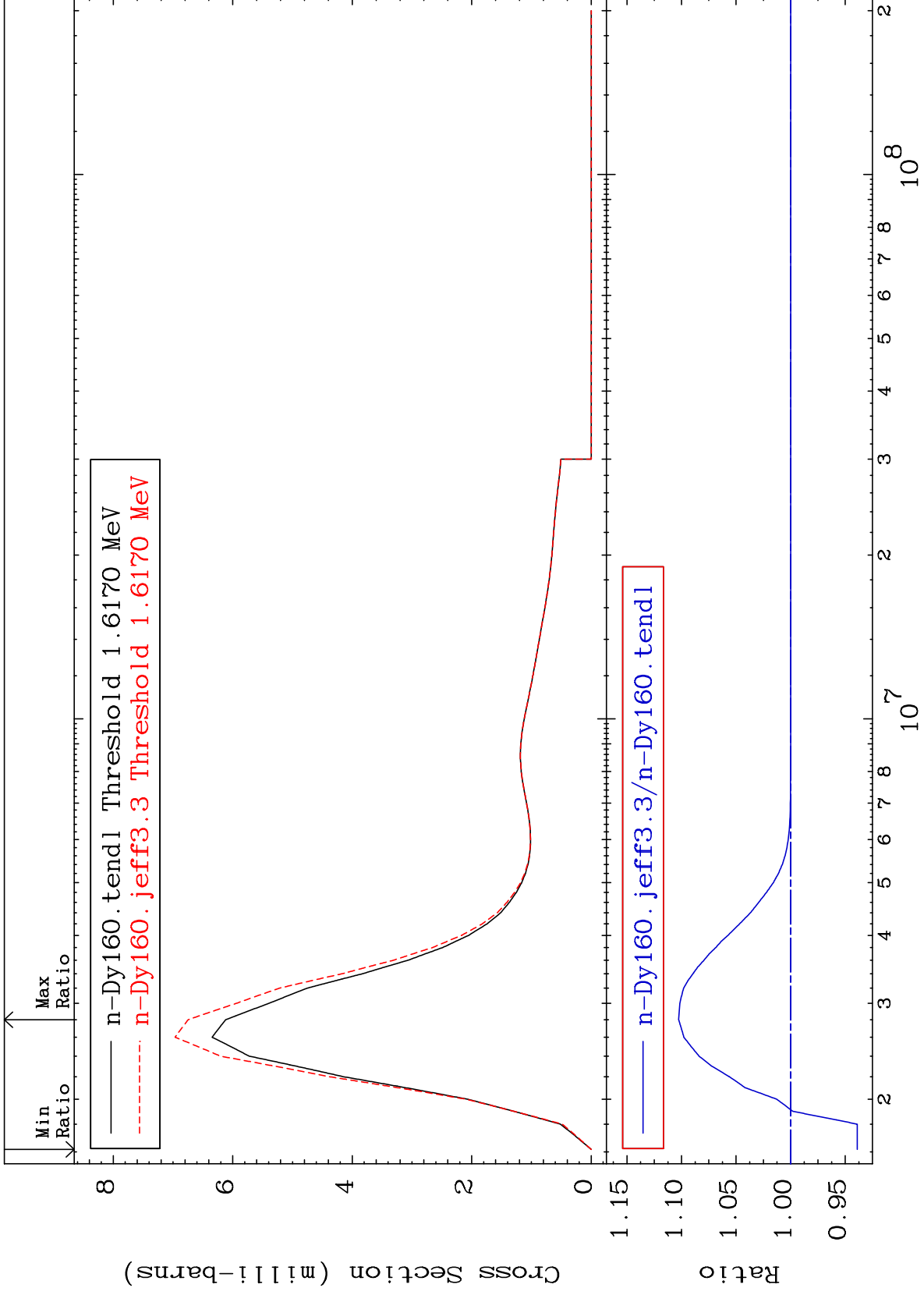
66-Dy-160
-2.179 To 6.906 %



MAT 6637

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

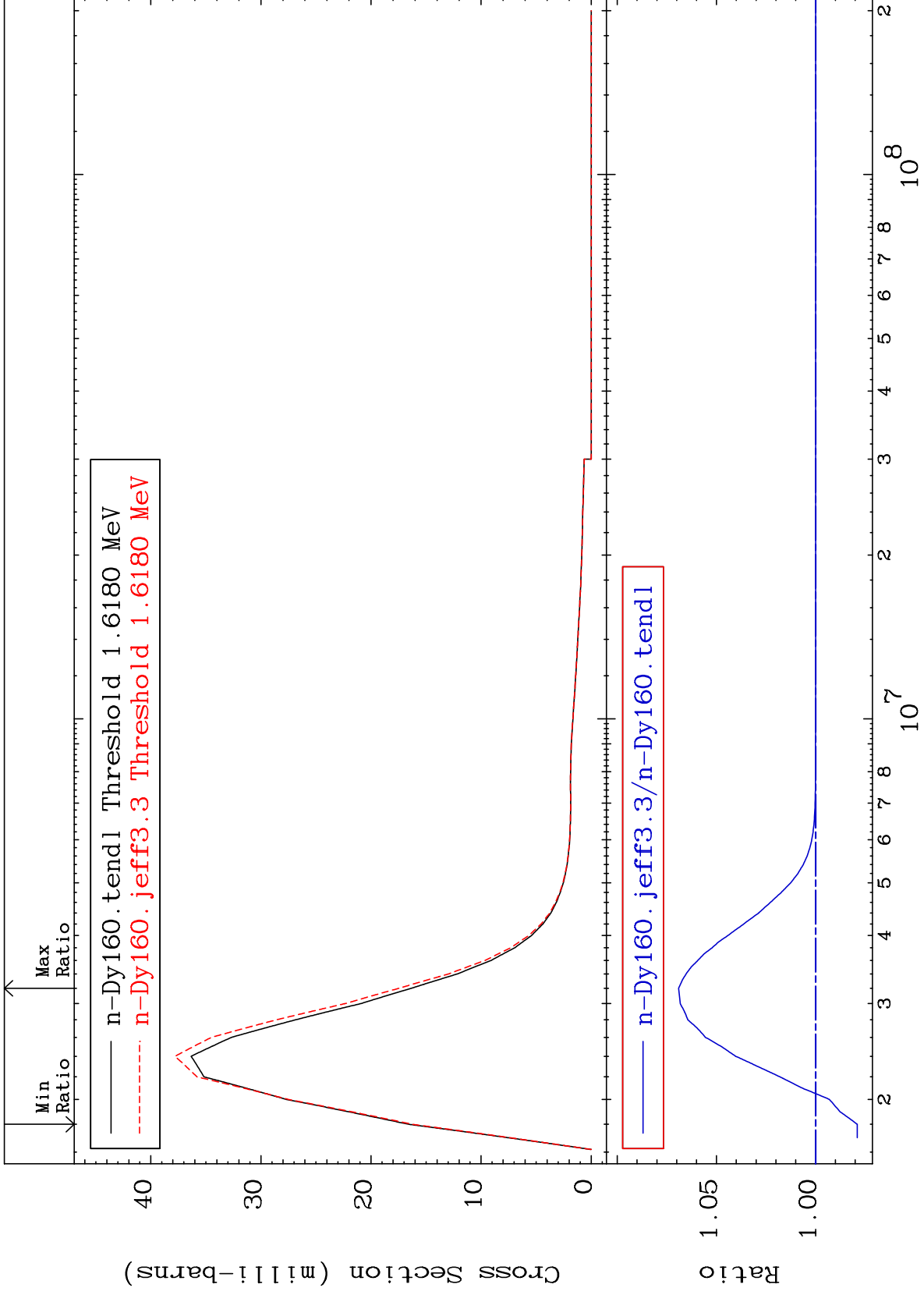
66-Dy-160
-6.102 To 10.26 %



MAT 6637

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

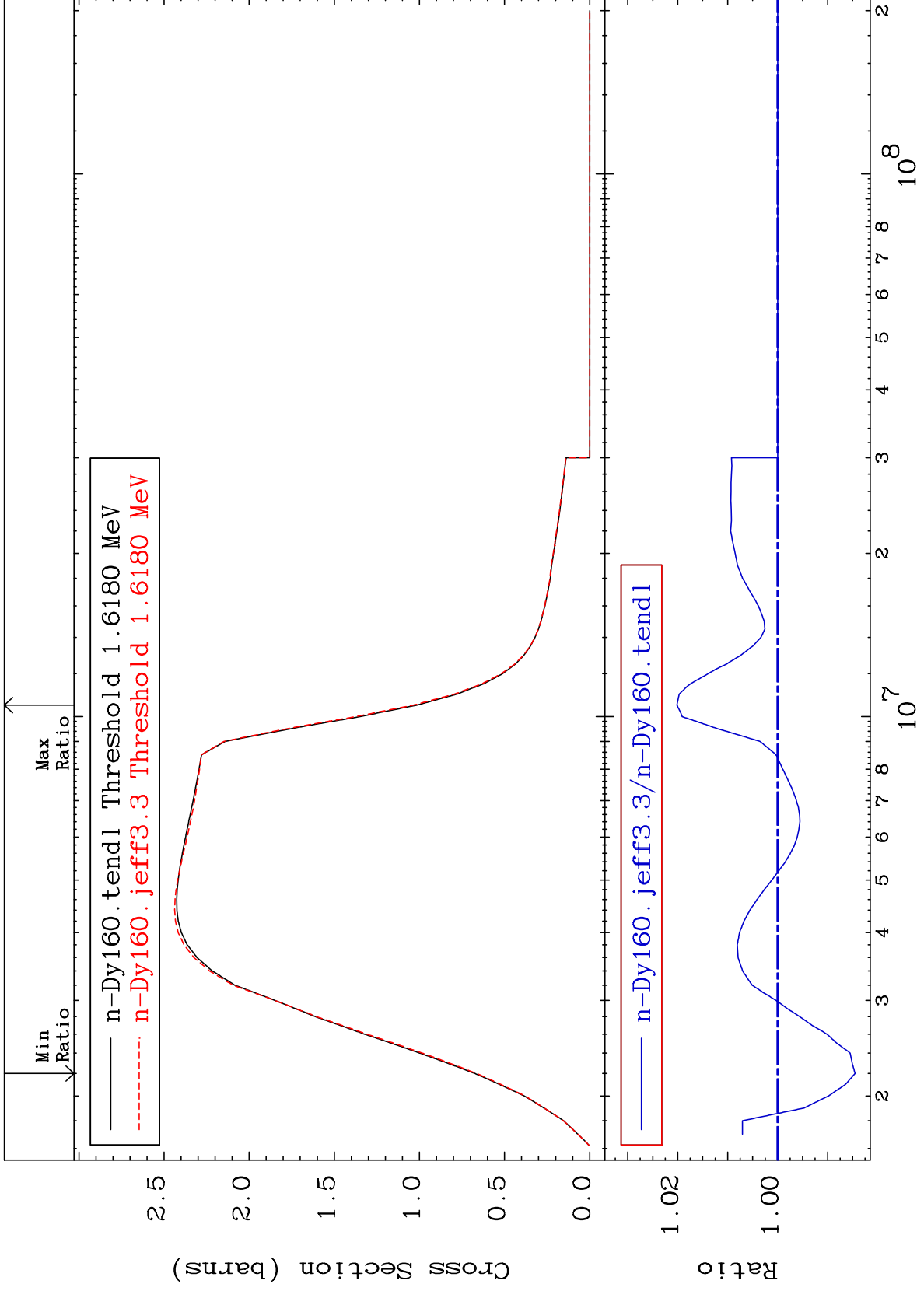
66-Dy-160
-2.102 To 6.904 %



50

66-Dy-160

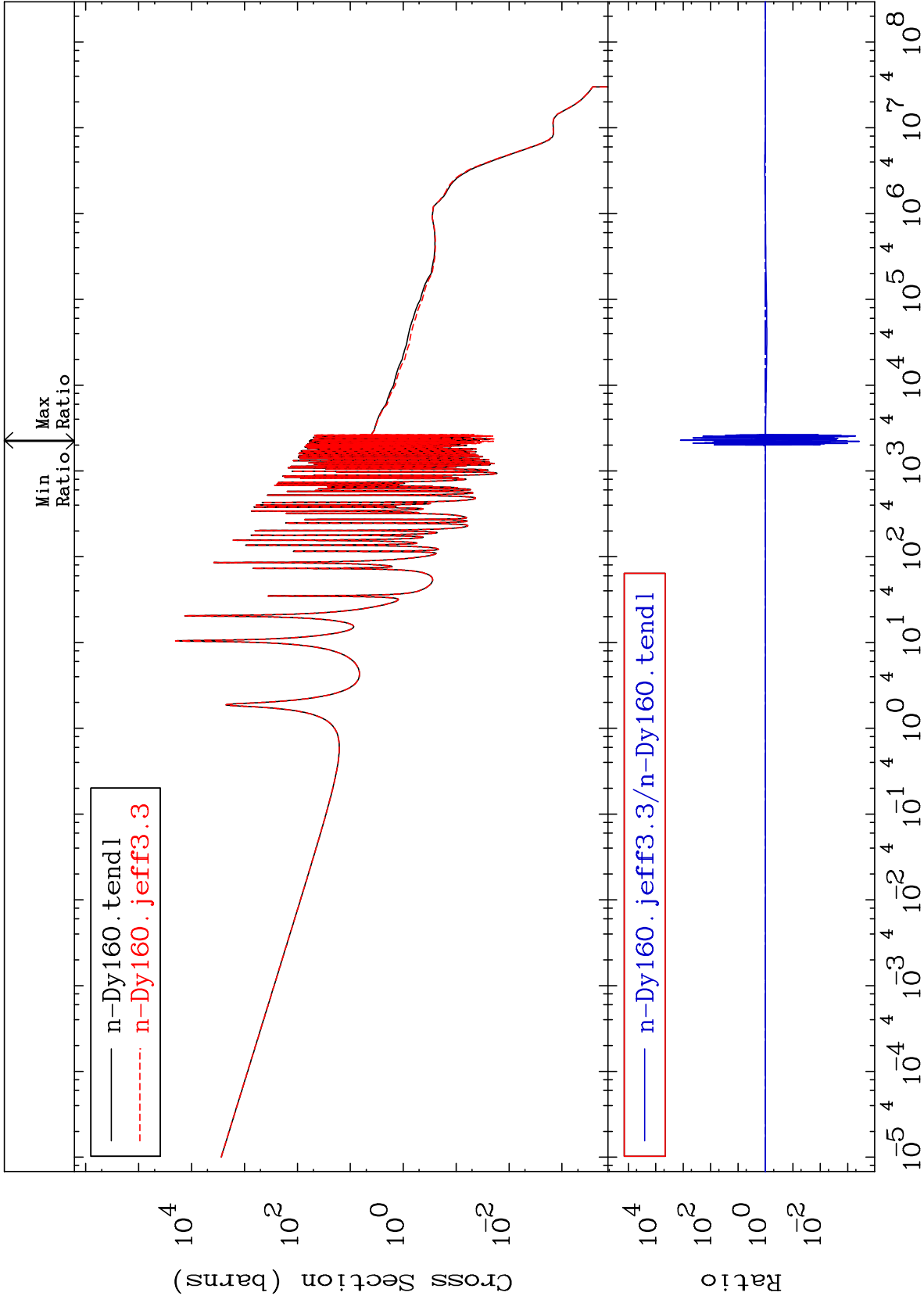
66-Dy-160



MAT 6637

(n, γ)
Cross Section

66-Dy-160
-99.96 To 9999. %



MAT 6637

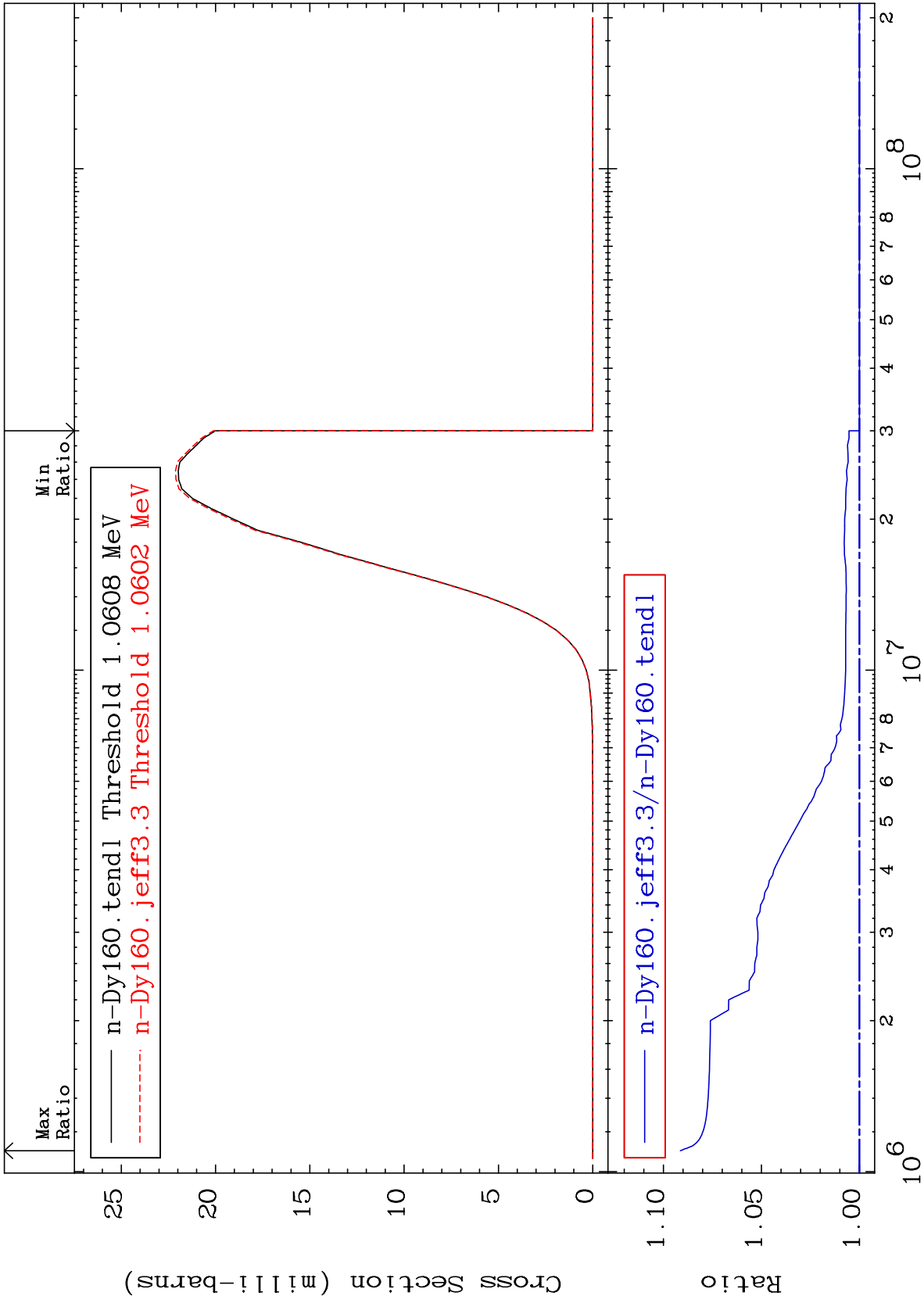
(n,p)

66-Dy-160

Cross Section

0.000

To 9.139 %



53

Incident Energy (eV)

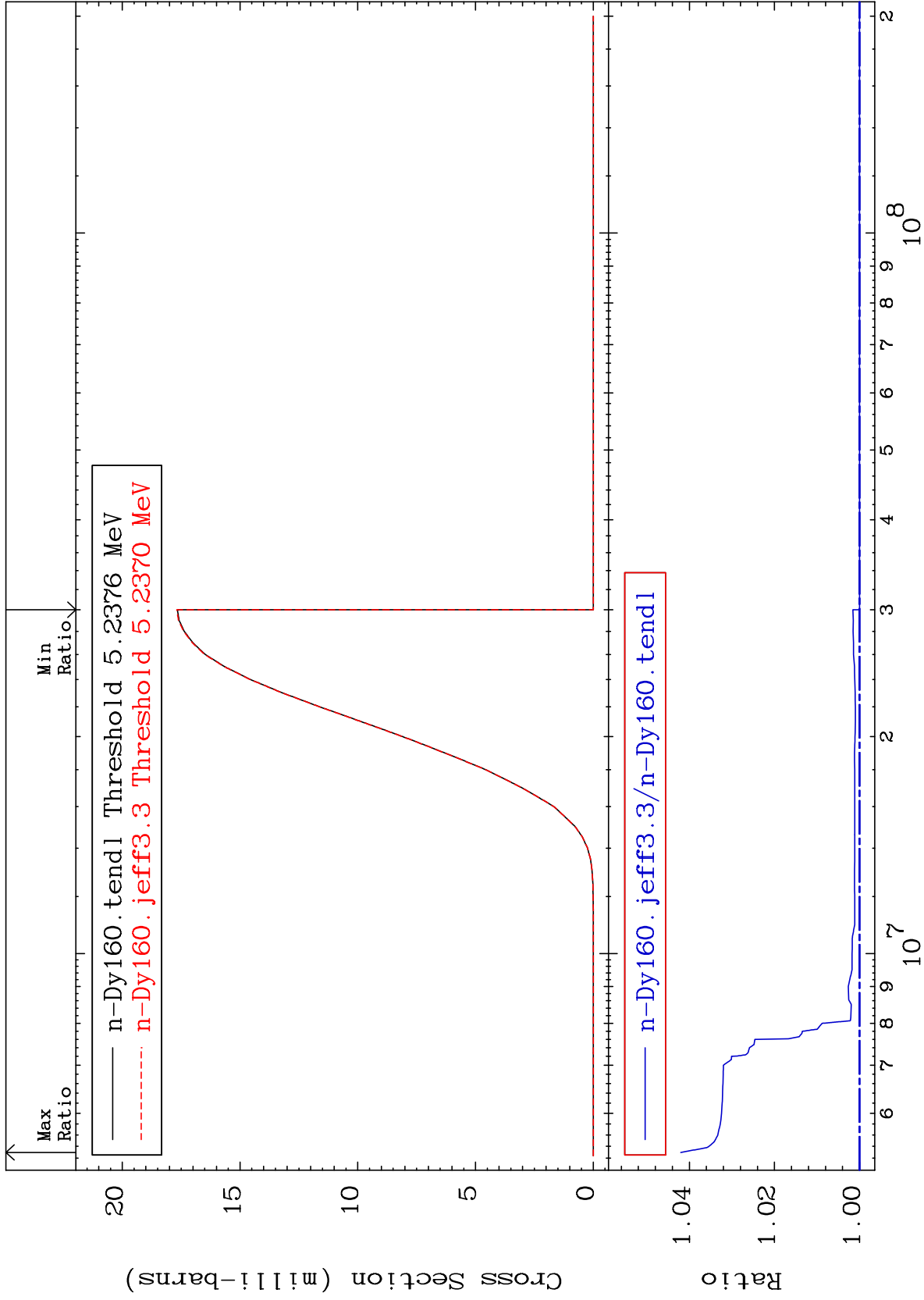
66-Dy-160

MAT 6637

(n, d)

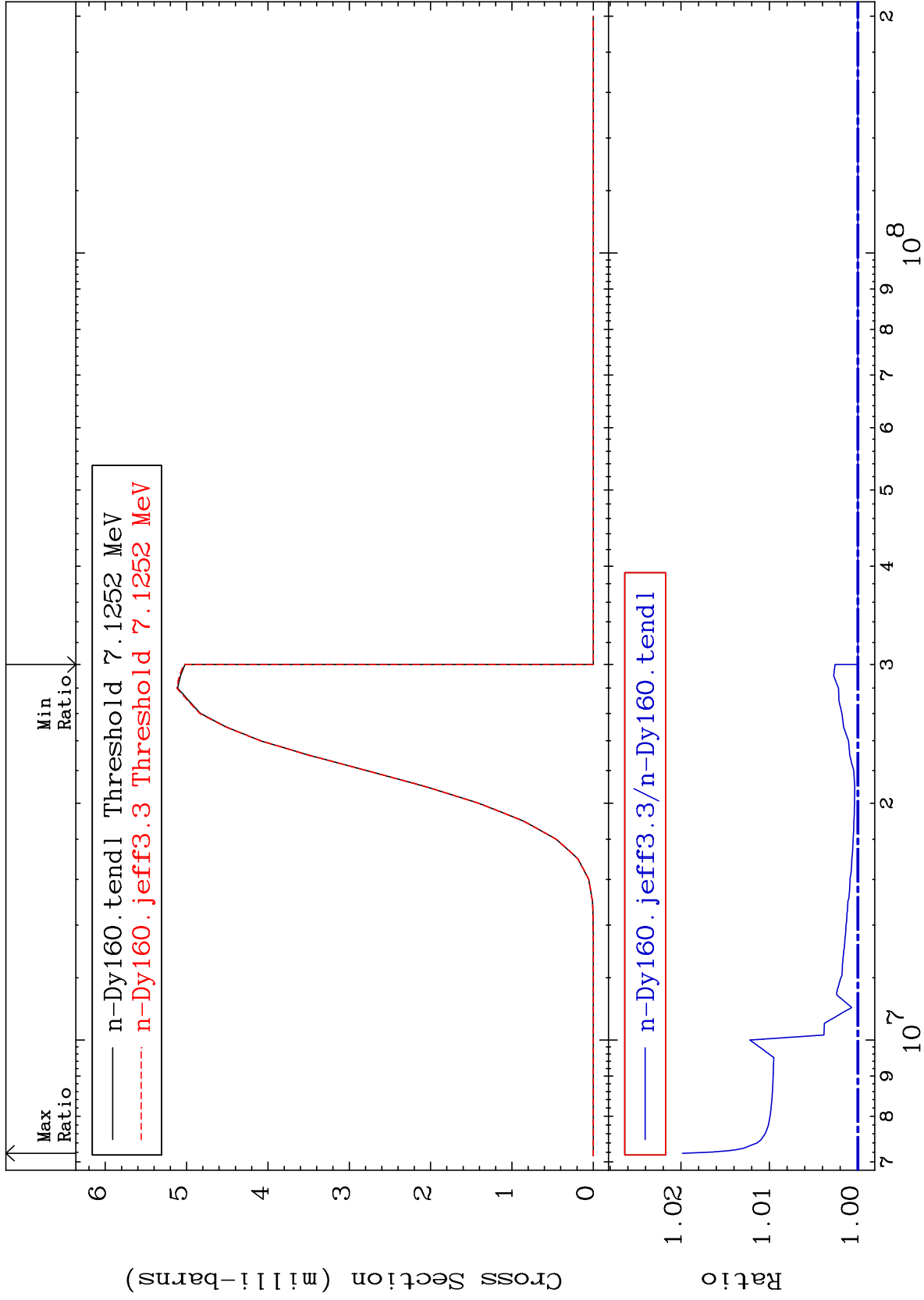
66-Dy-160
To 4.203 %

Cross Section



MAT 6637

(n, t)
Cross Section
66-Dy-160
To 1.982 %
0.000



MAT 6637

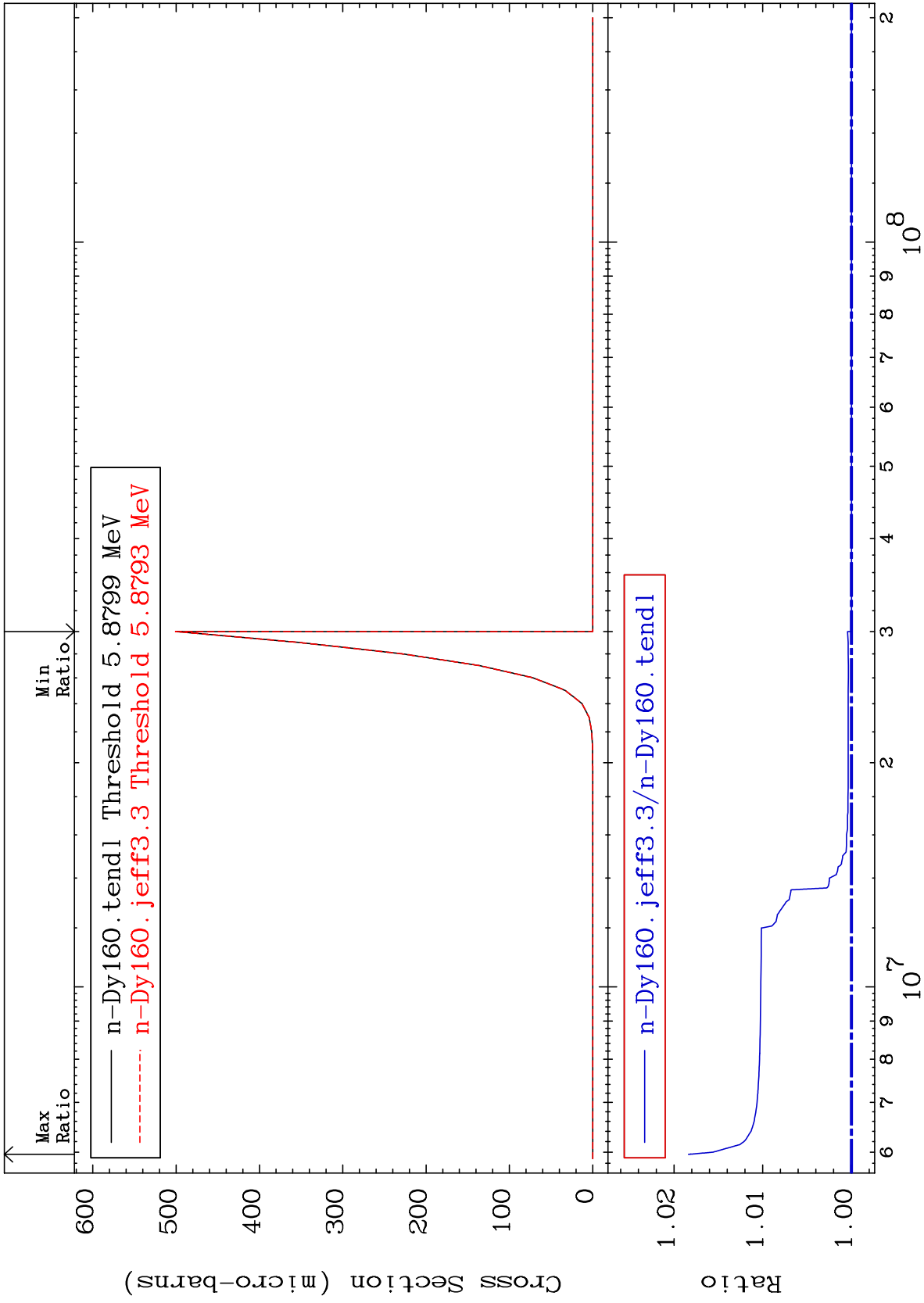
(n, He-3)

66-Dy-160

Cross Section

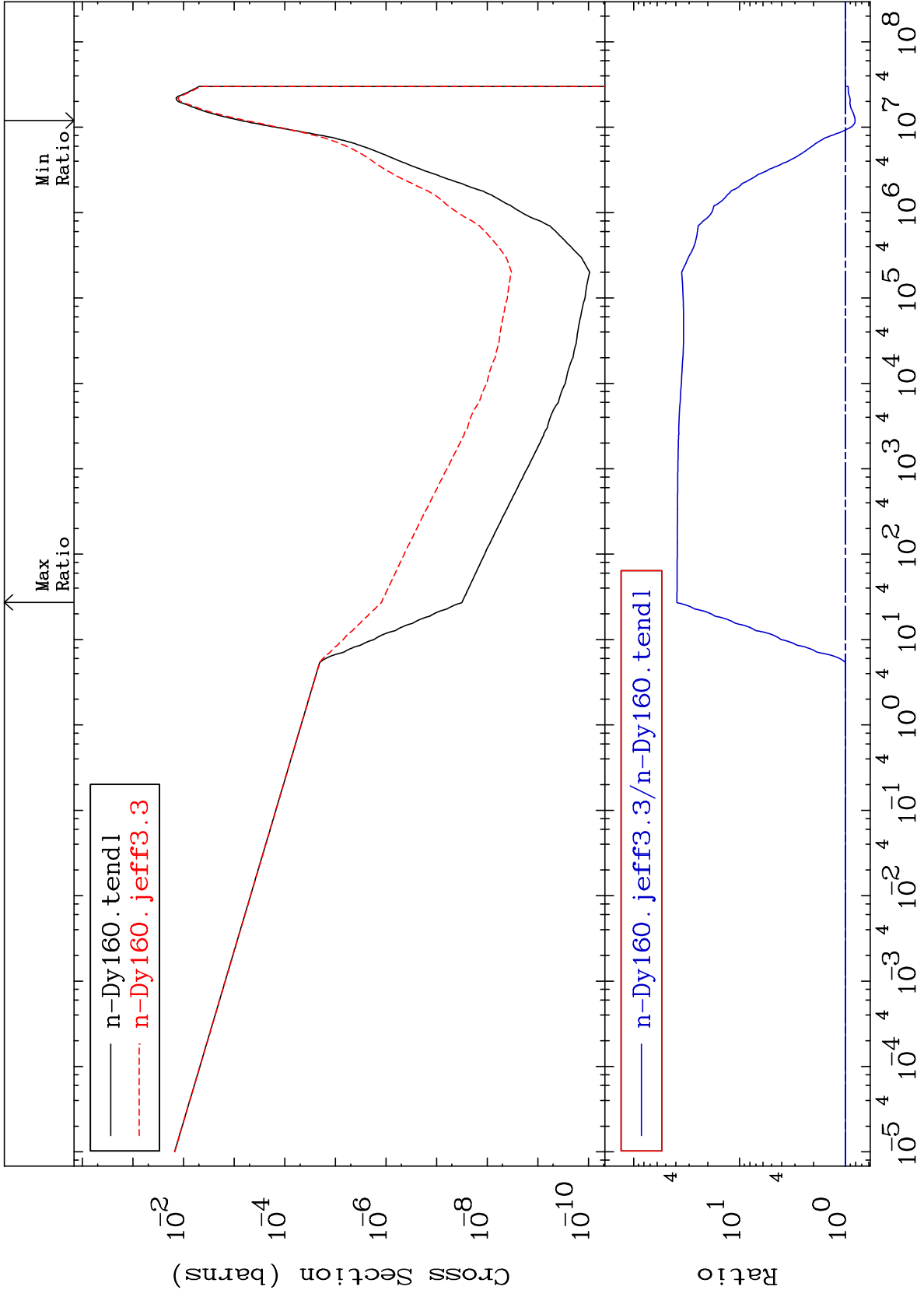
0.000

To 1.838 %

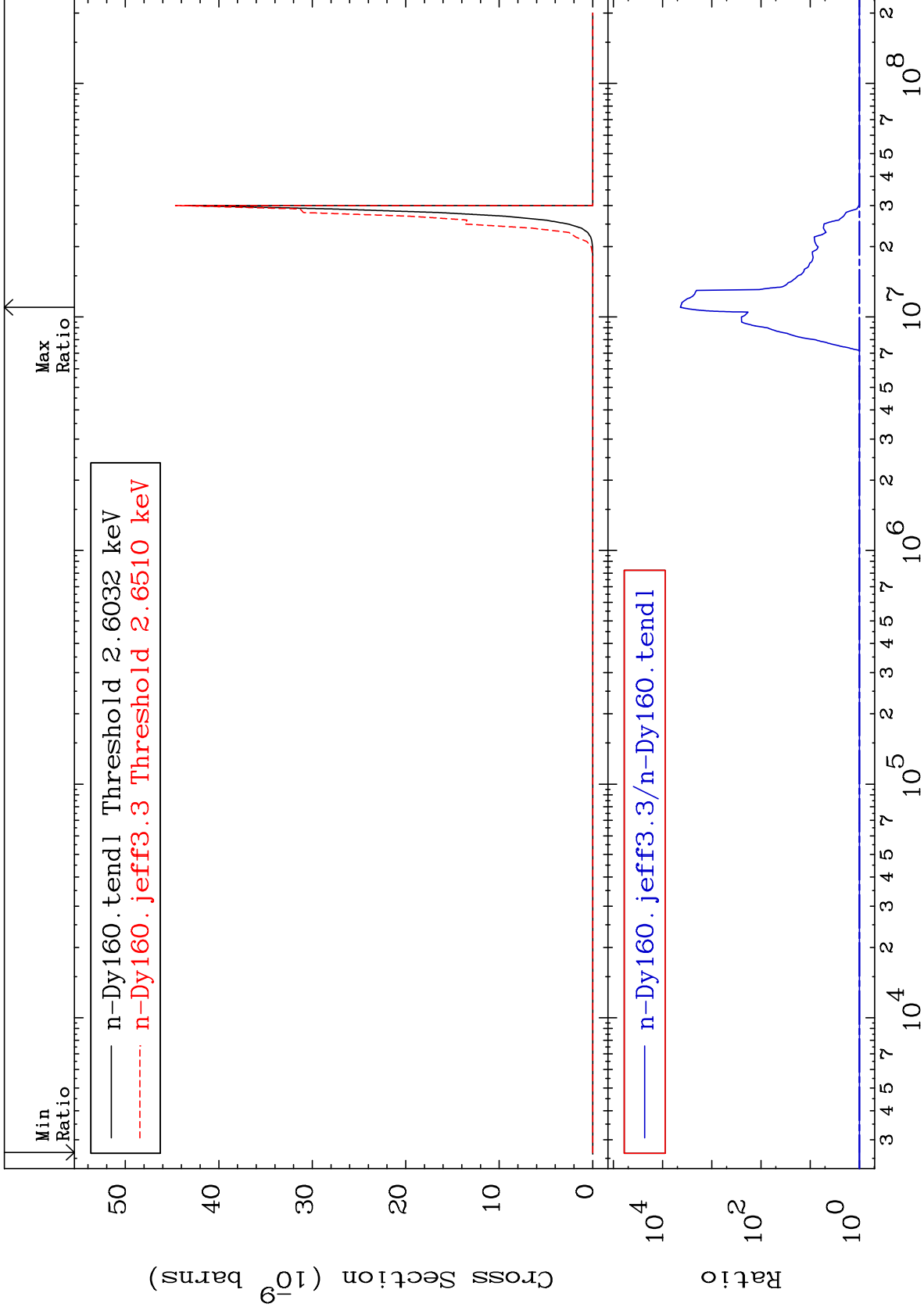


MAT 6637

(n, α)
Cross Section
66-Dy-160
-19.04 To 3807. %



Cross Section



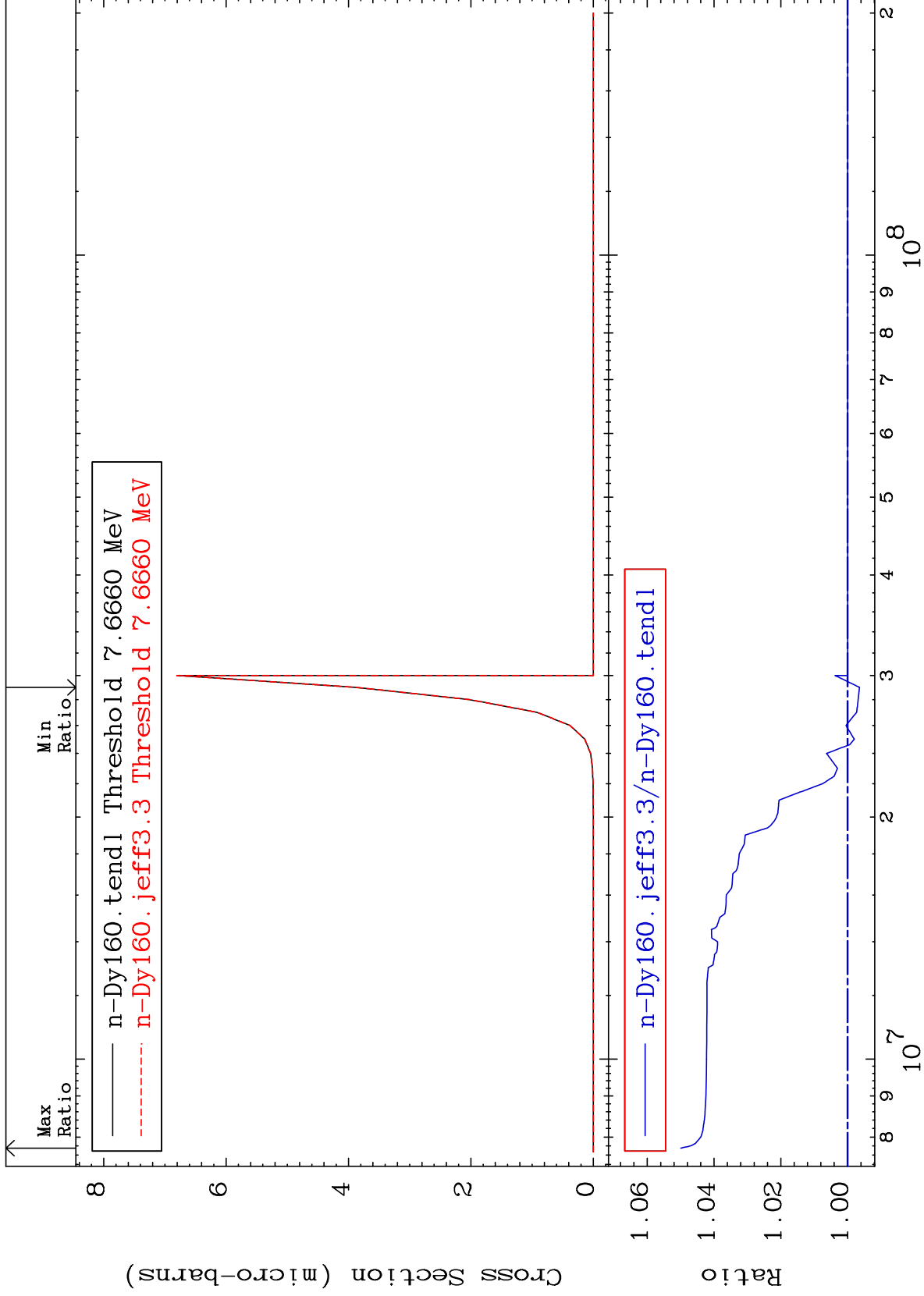
MAT 6637

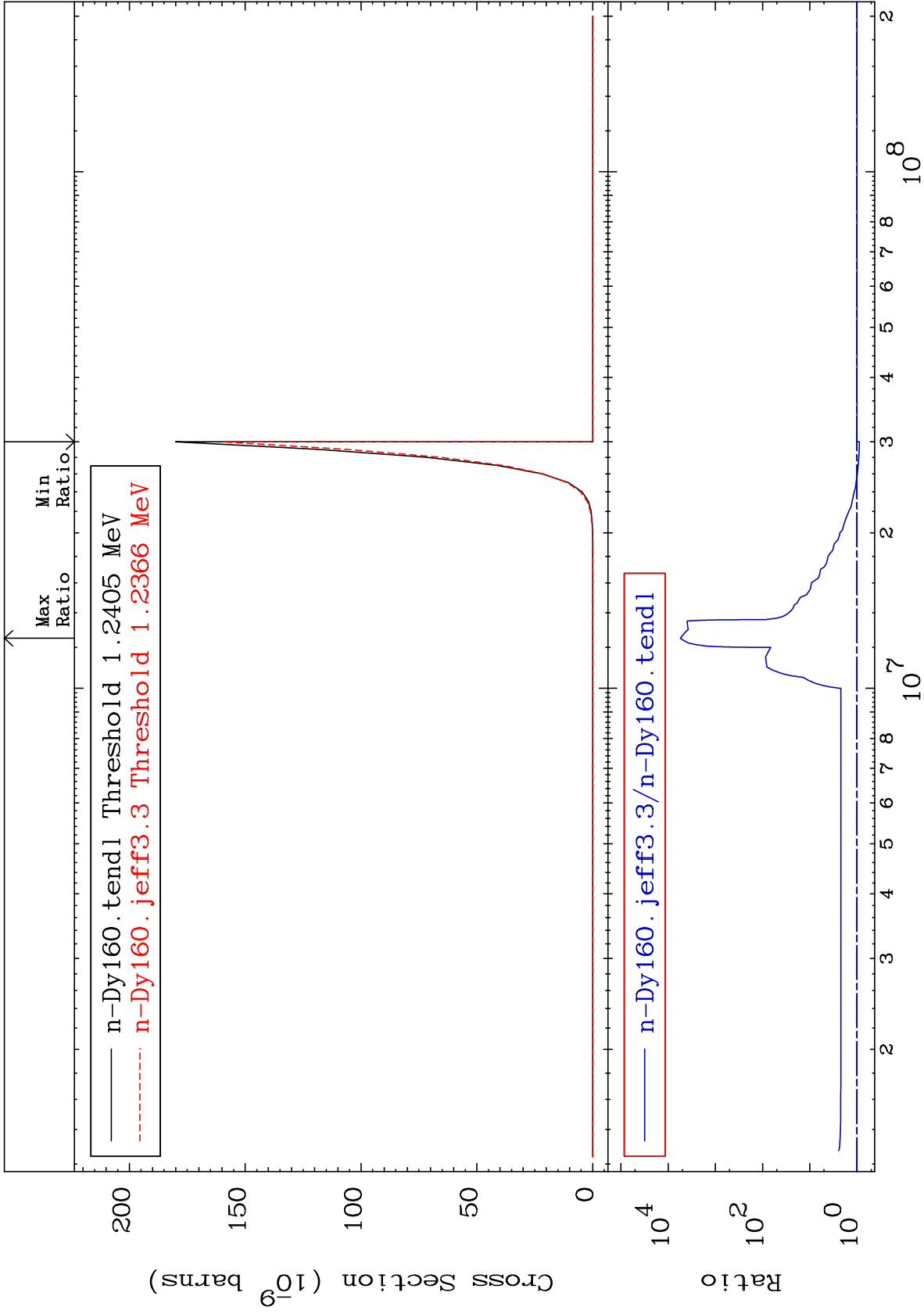
(n,2p)

66-Dy-160

Cross Section

-0.359 To 4.997 %





MAT 6637

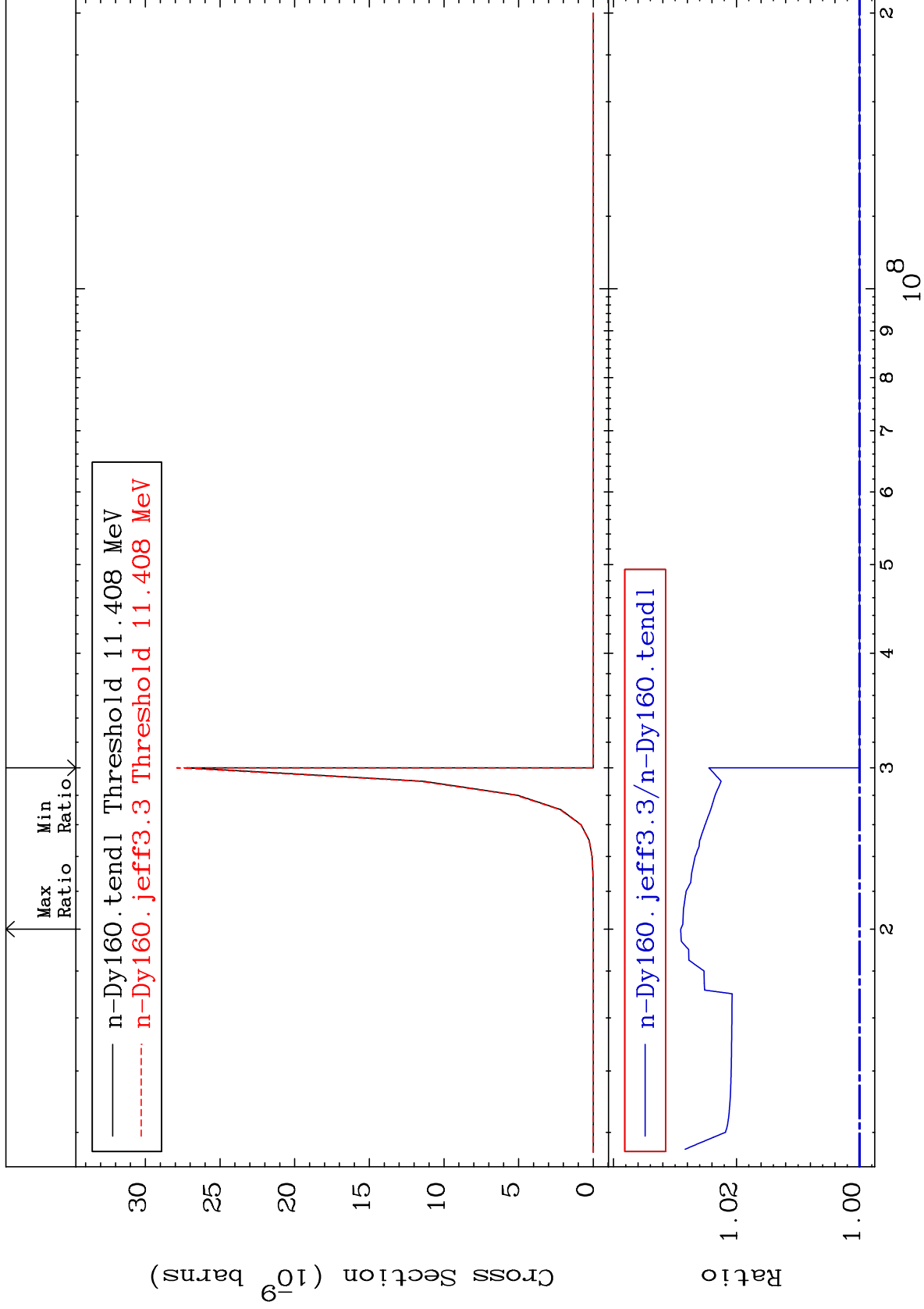
(n,p) d

66-Dy-160

Cross Section

0.000

To 2.907 %



61

Incident Energy (eV)

66-Dy-160

MAT 6637

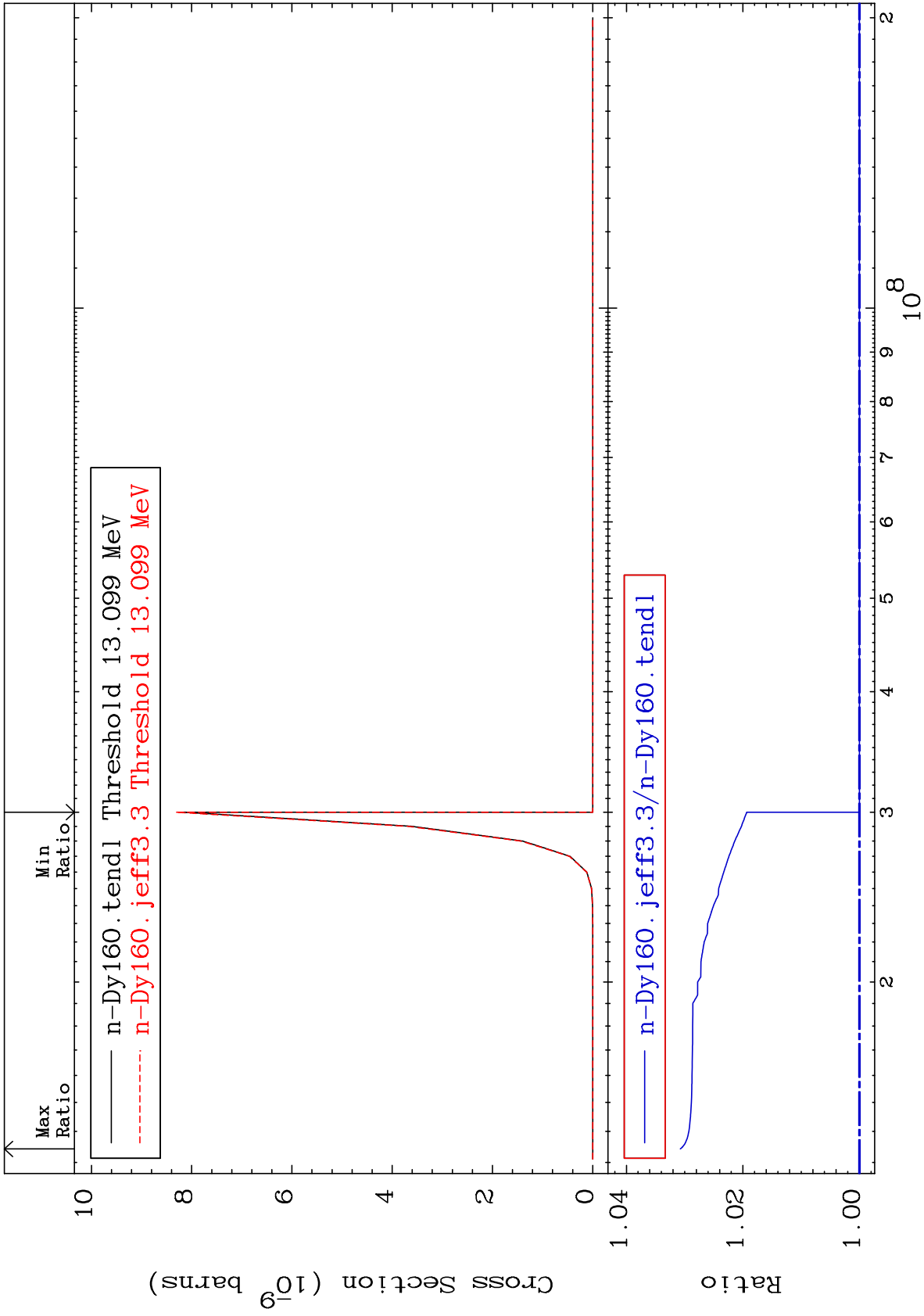
(n,p) t

66-Dy-160

Cross Section

0.000

To 3.074 %



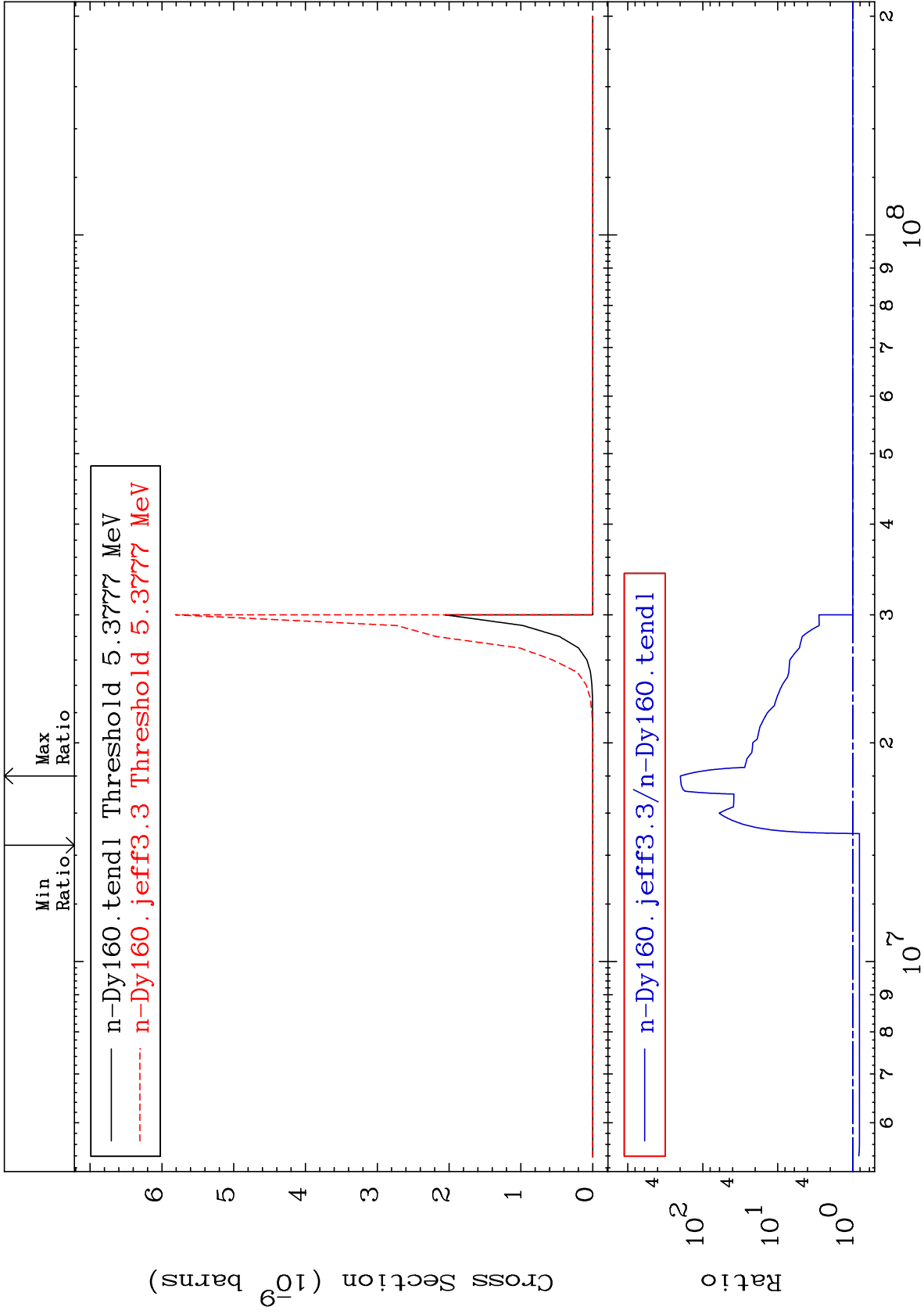
MAT 6637

(n, d) α

66-Dy-160

Cross Section

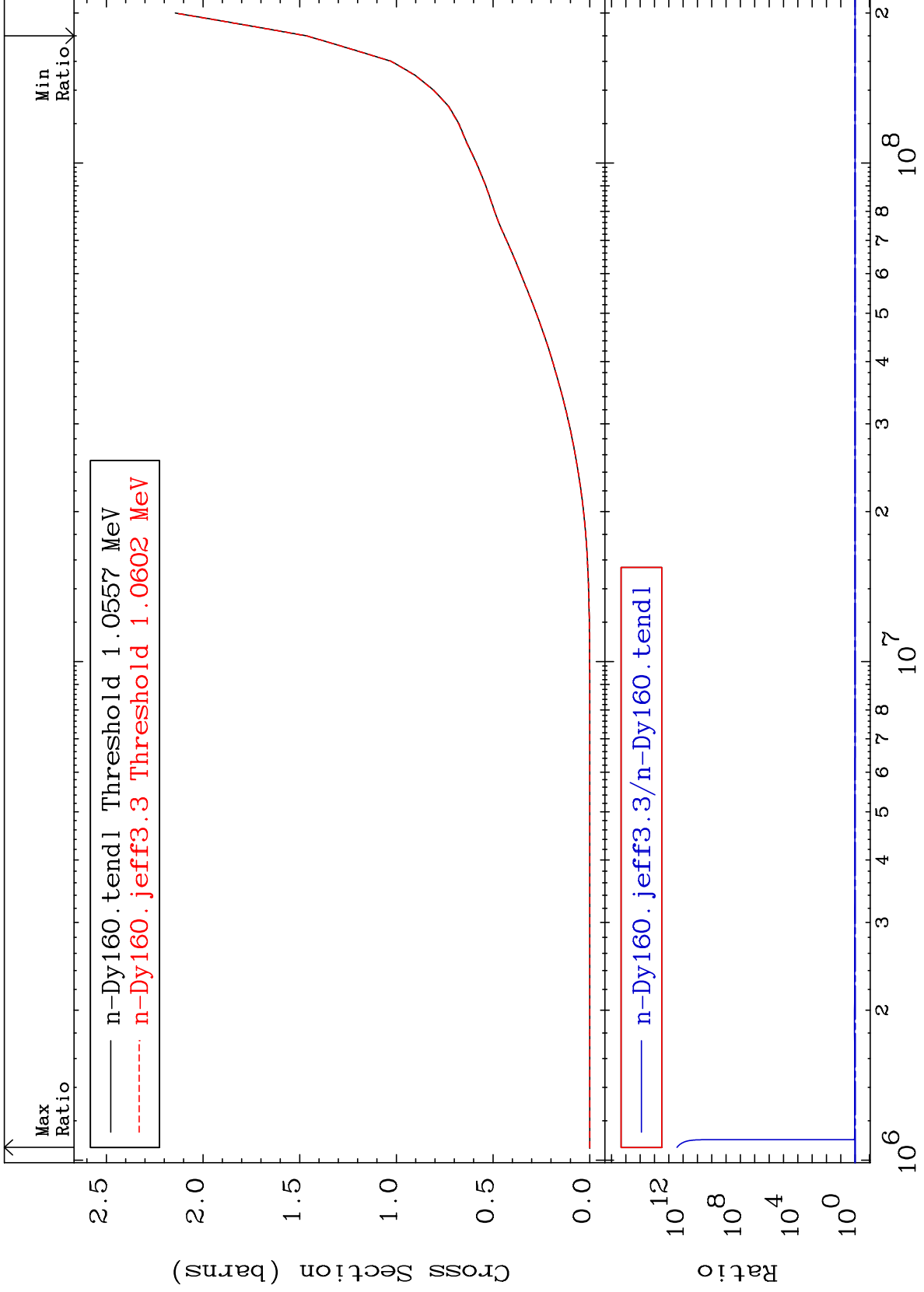
-18.53 To 9999. %



MAT 6637

Hydrogen Production
Cross Section

66-Dy-160
0.002 To 9999. %



64

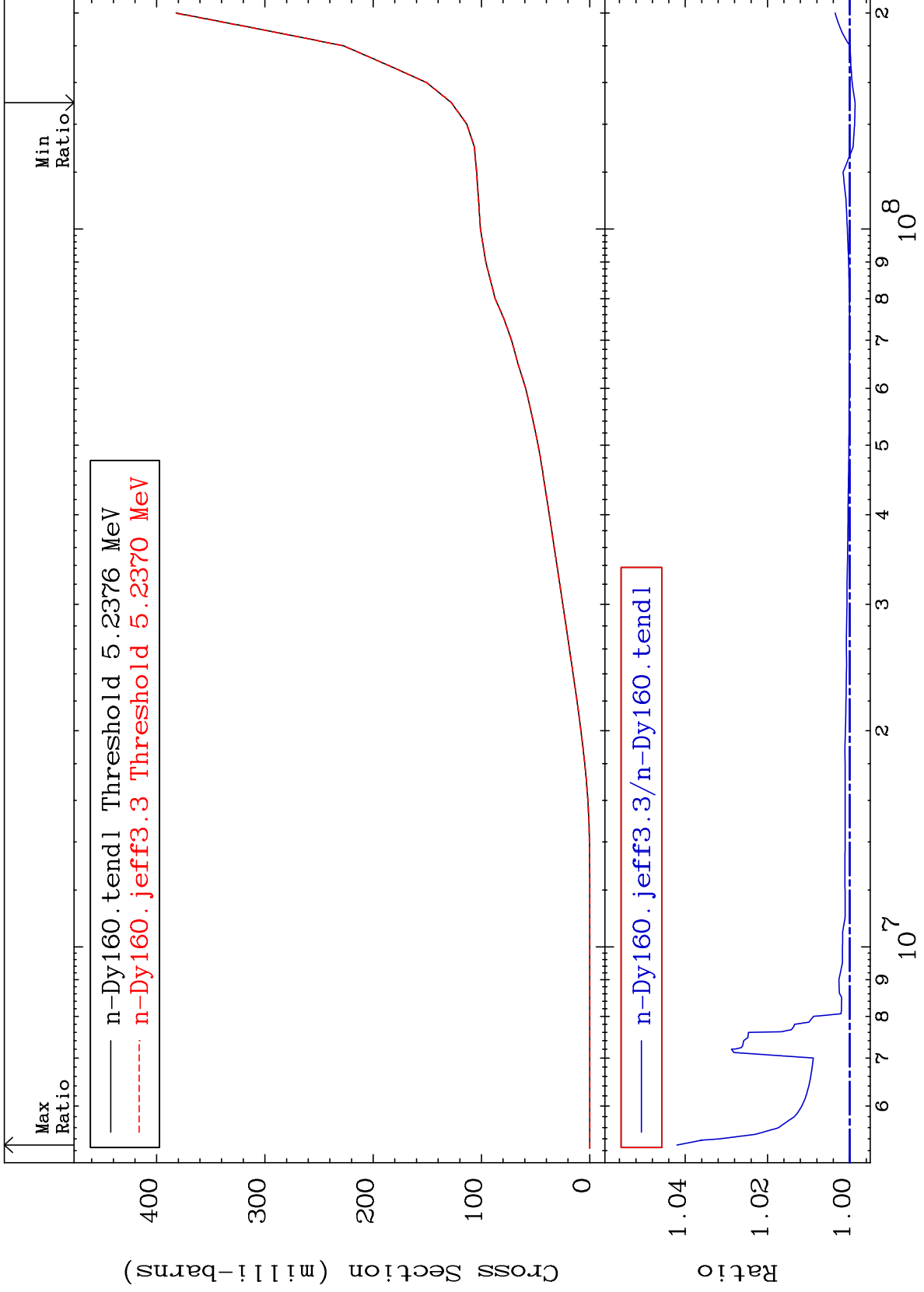
Incident Energy (eV)

66-Dy-160

MAT 6637

Deuterium Production
Cross Section

66-Dy-160
-0.130 To 4.203 %



65

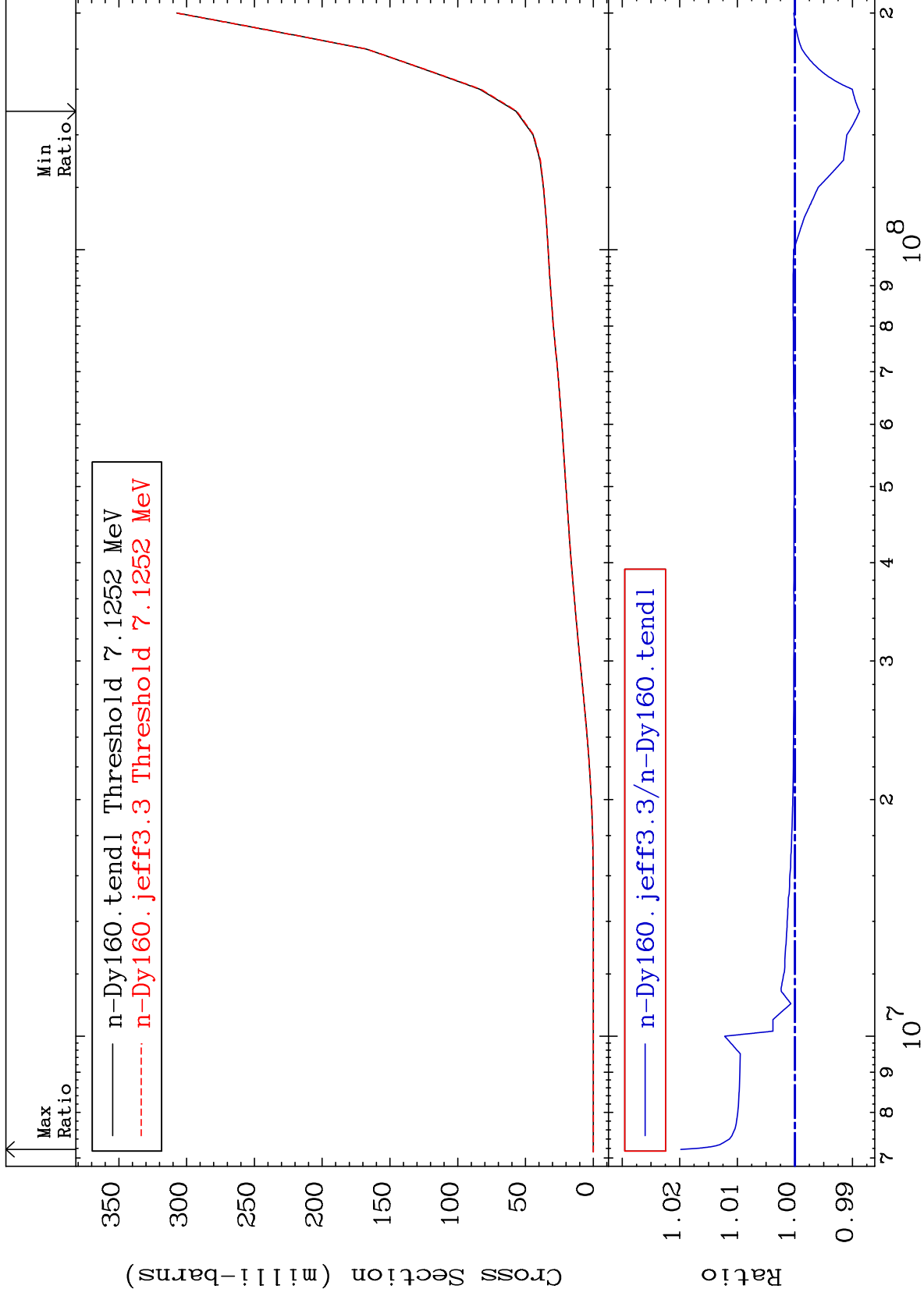
Incident Energy (eV)

66-Dy-160

MAT 6637

Tritium Production
Cross Section

66-Dy-160
-1.123 To 1.982 %



66

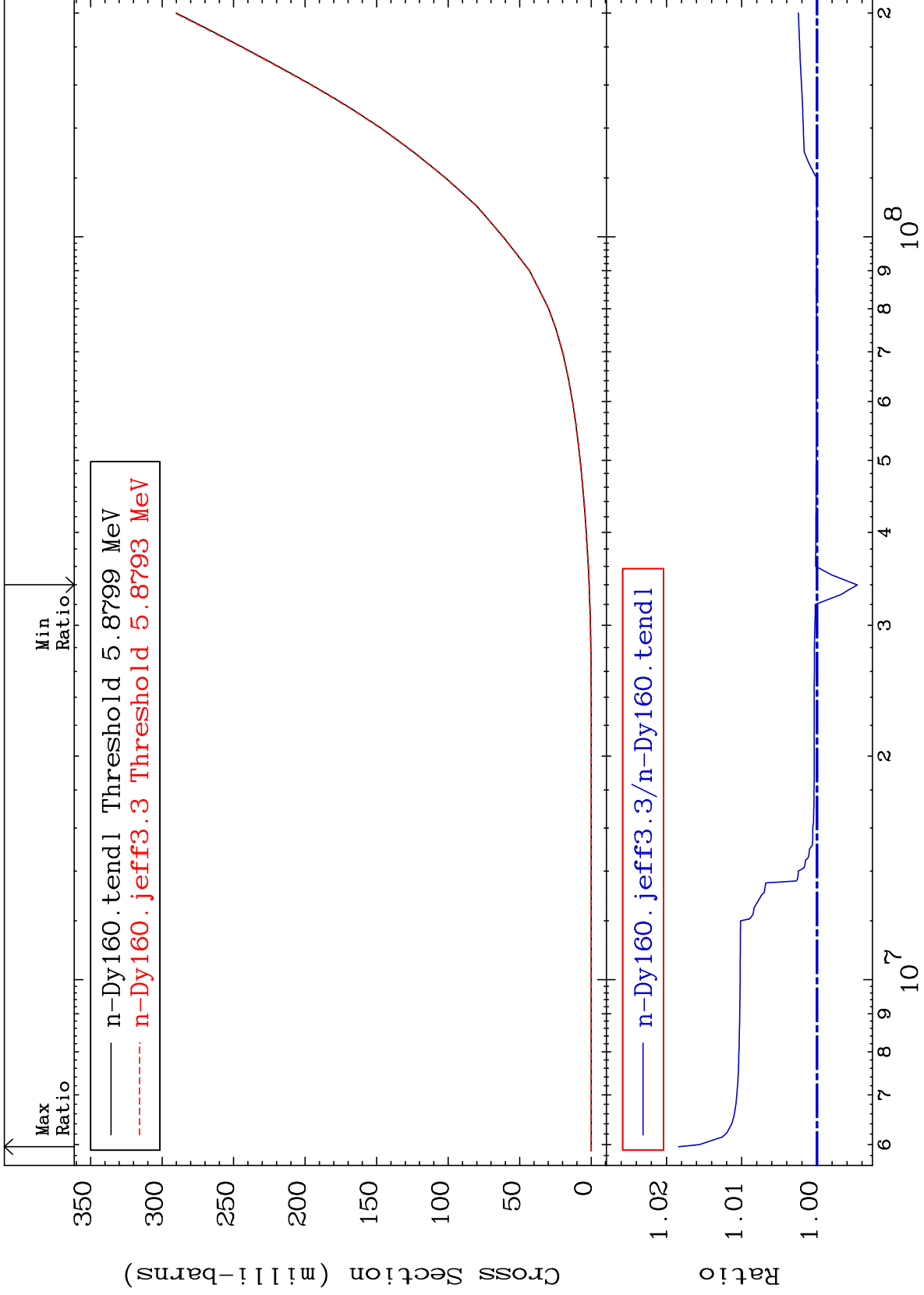
Incident Energy (eV)

66-Dy-160

MAT 6637

He-3 Production
Cross Section

66-Dy-160
-0.536 To 1.838 %



67

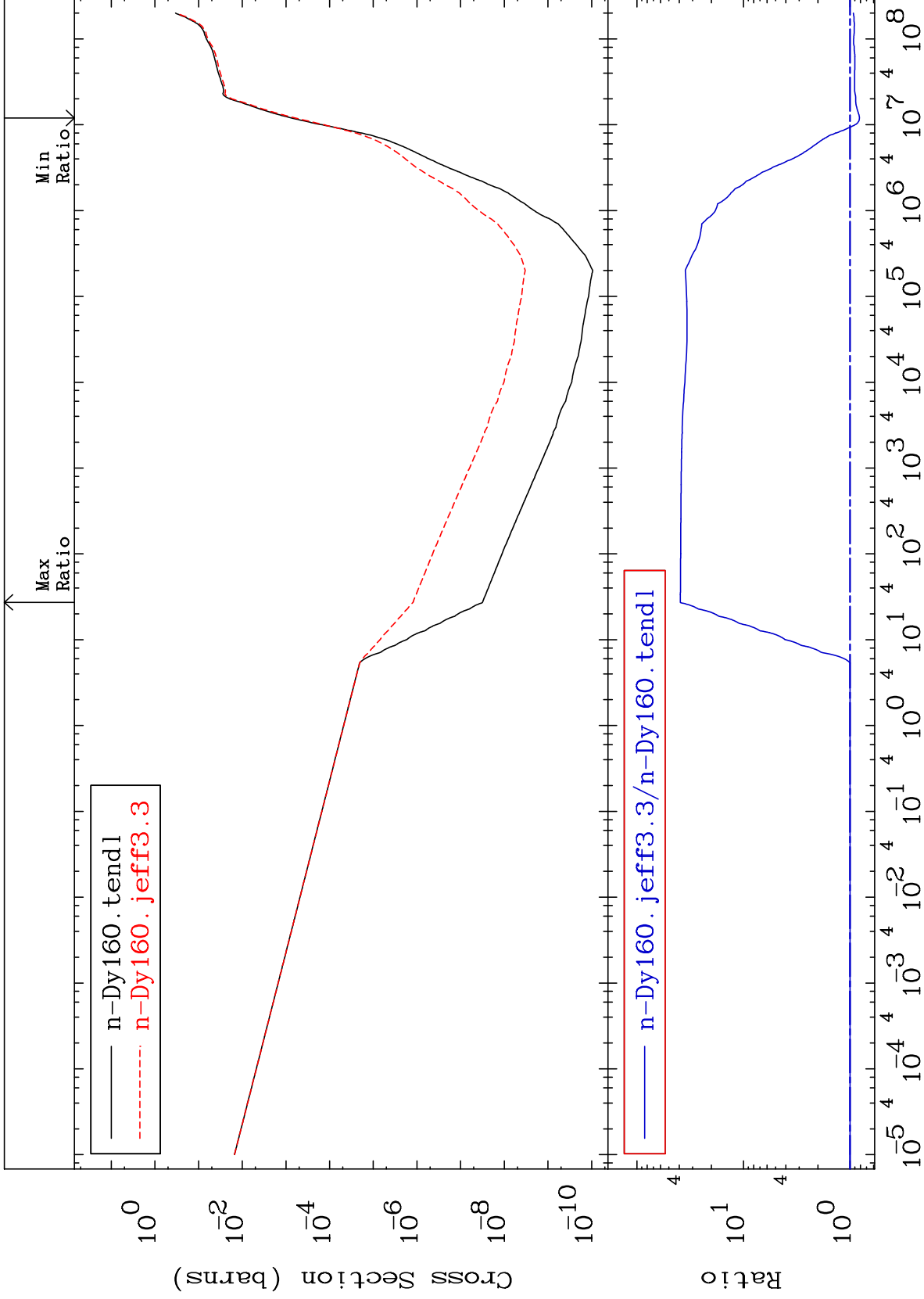
Incident Energy (eV)

66-Dy-160

MAT 6637

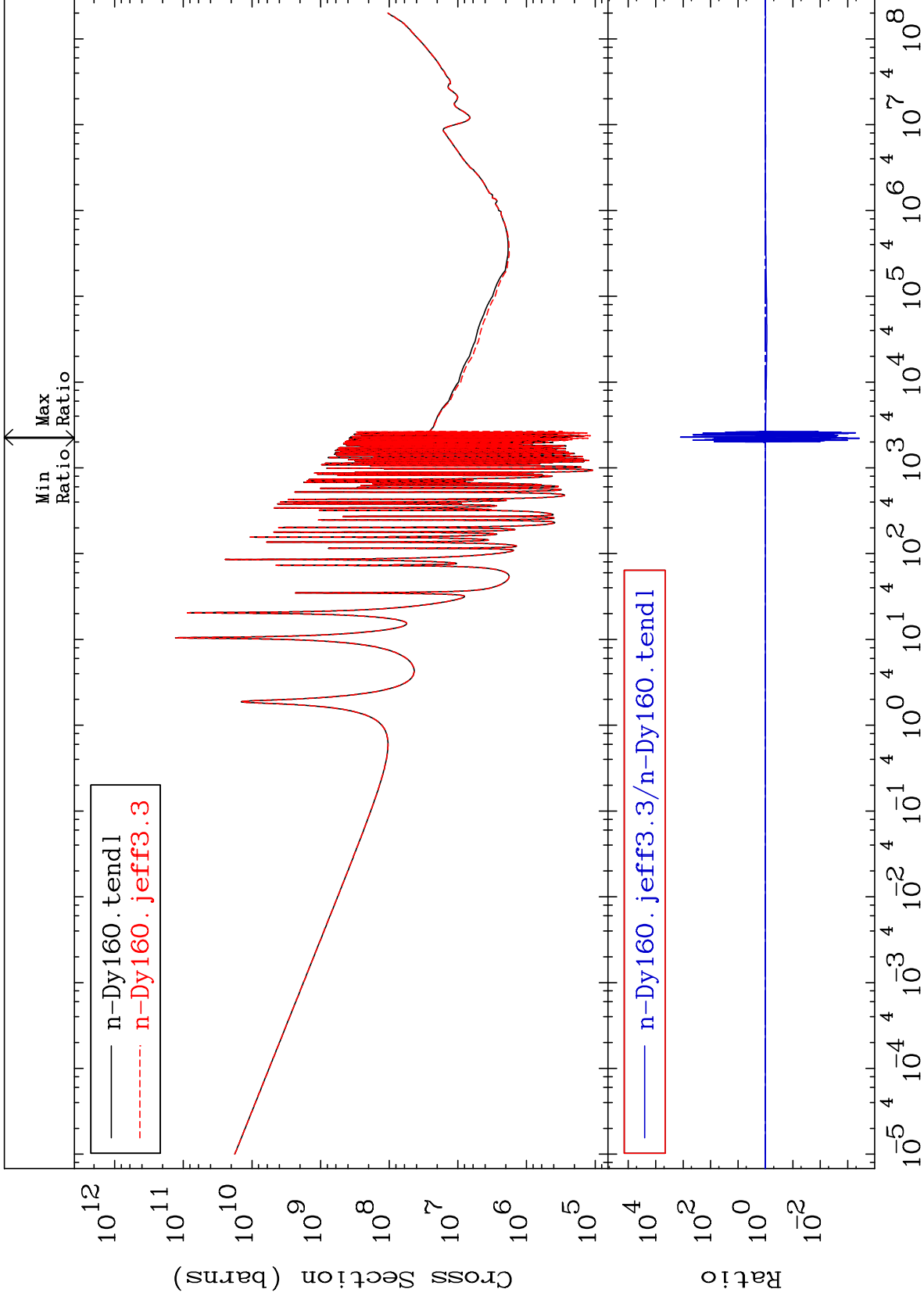
He-4 Production
Cross Section

66-Dy-160
-18.33 To 3807. %



Cross Section

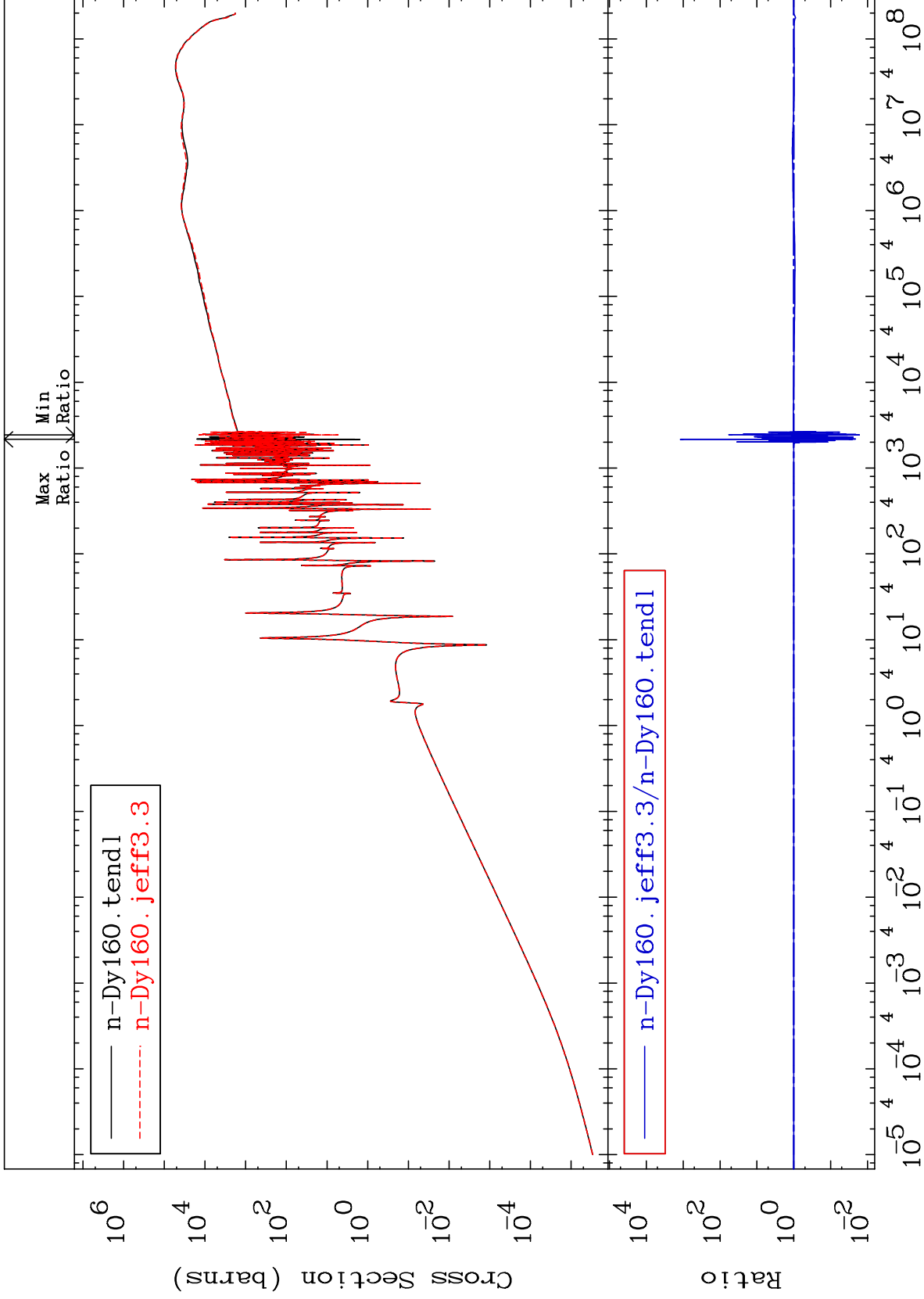
-99.96 To 9999. %



MAT 6637

Kerma elastic
Cross Section

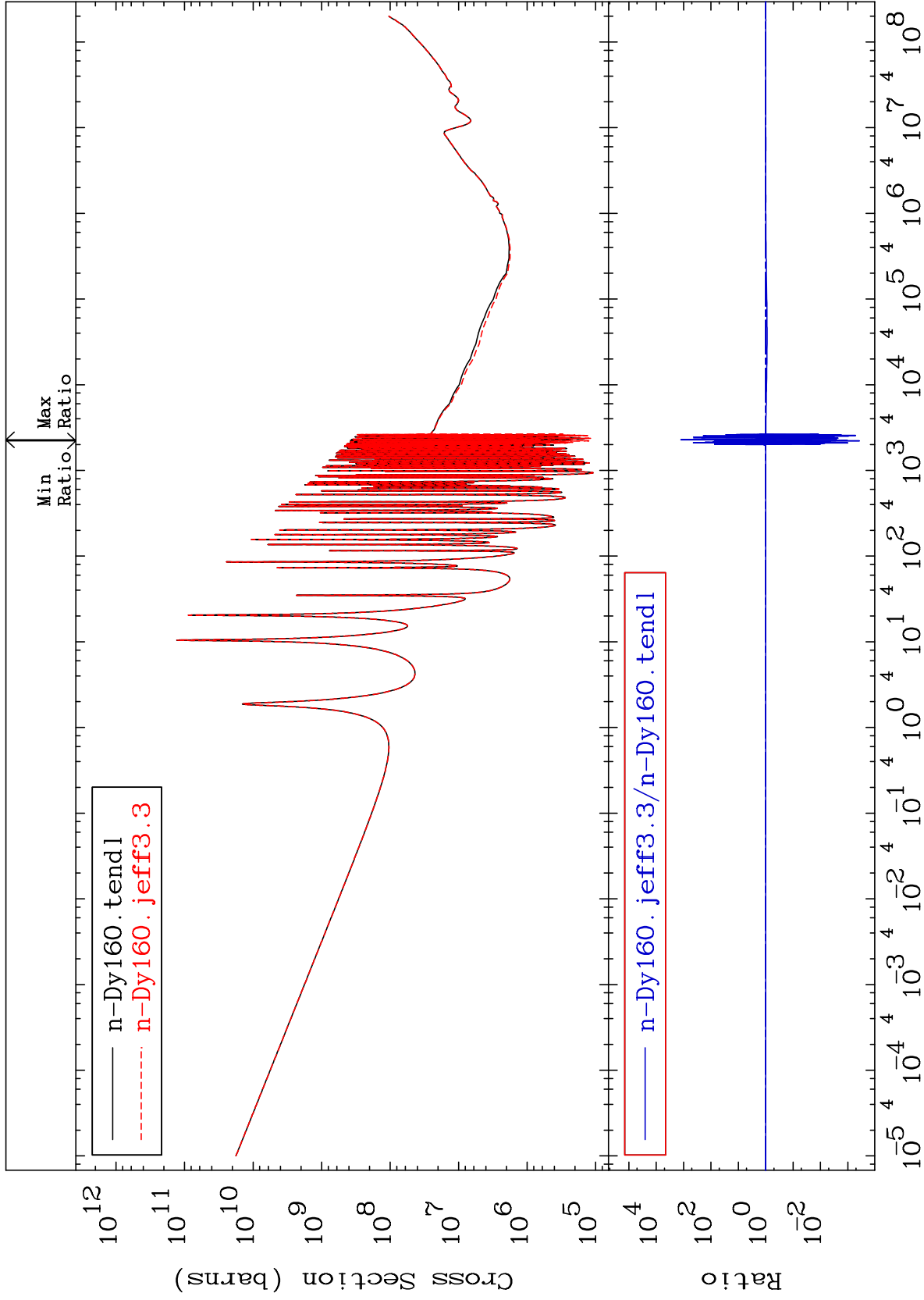
66-Dy-160
-98.34 To 9999. %

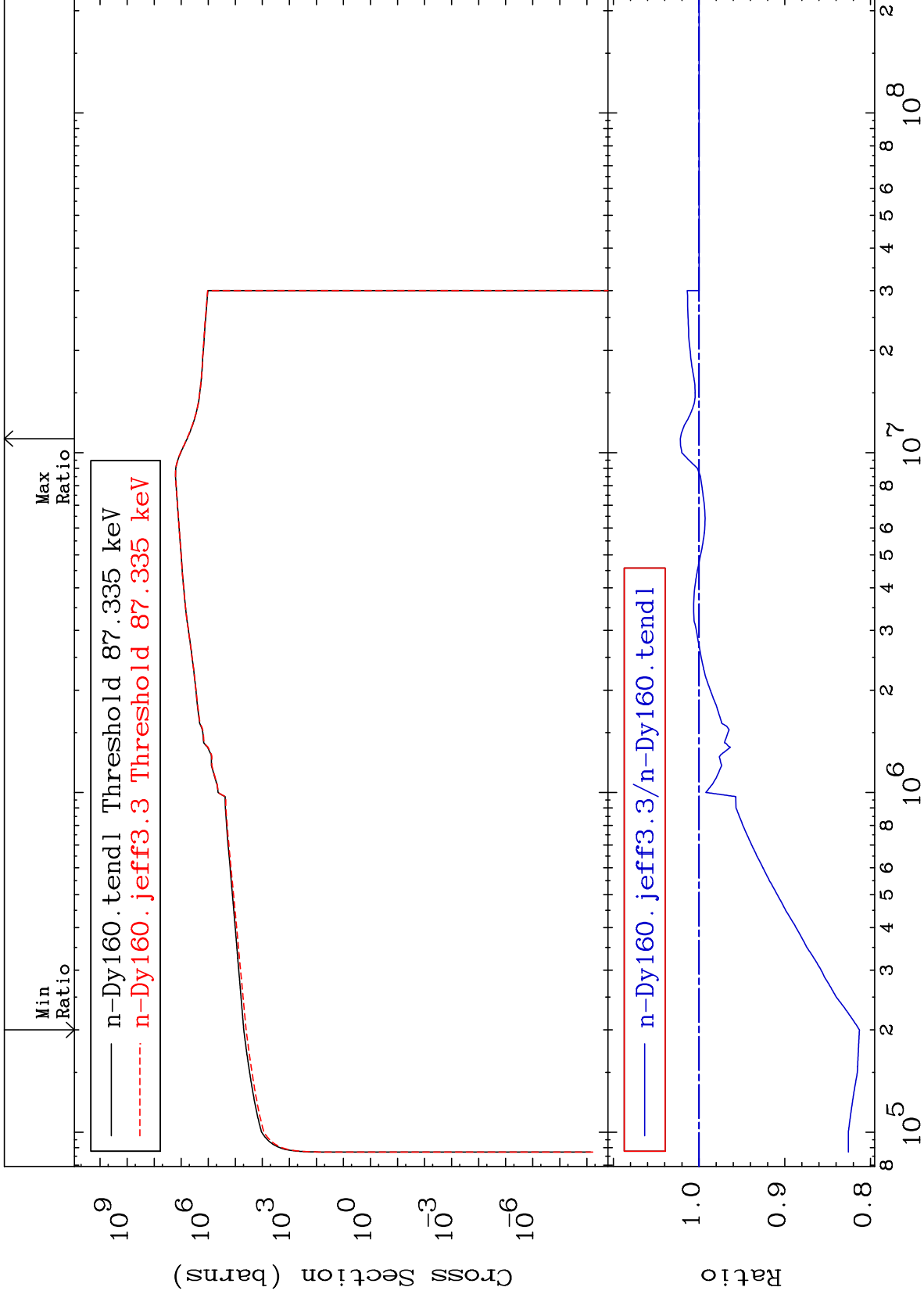


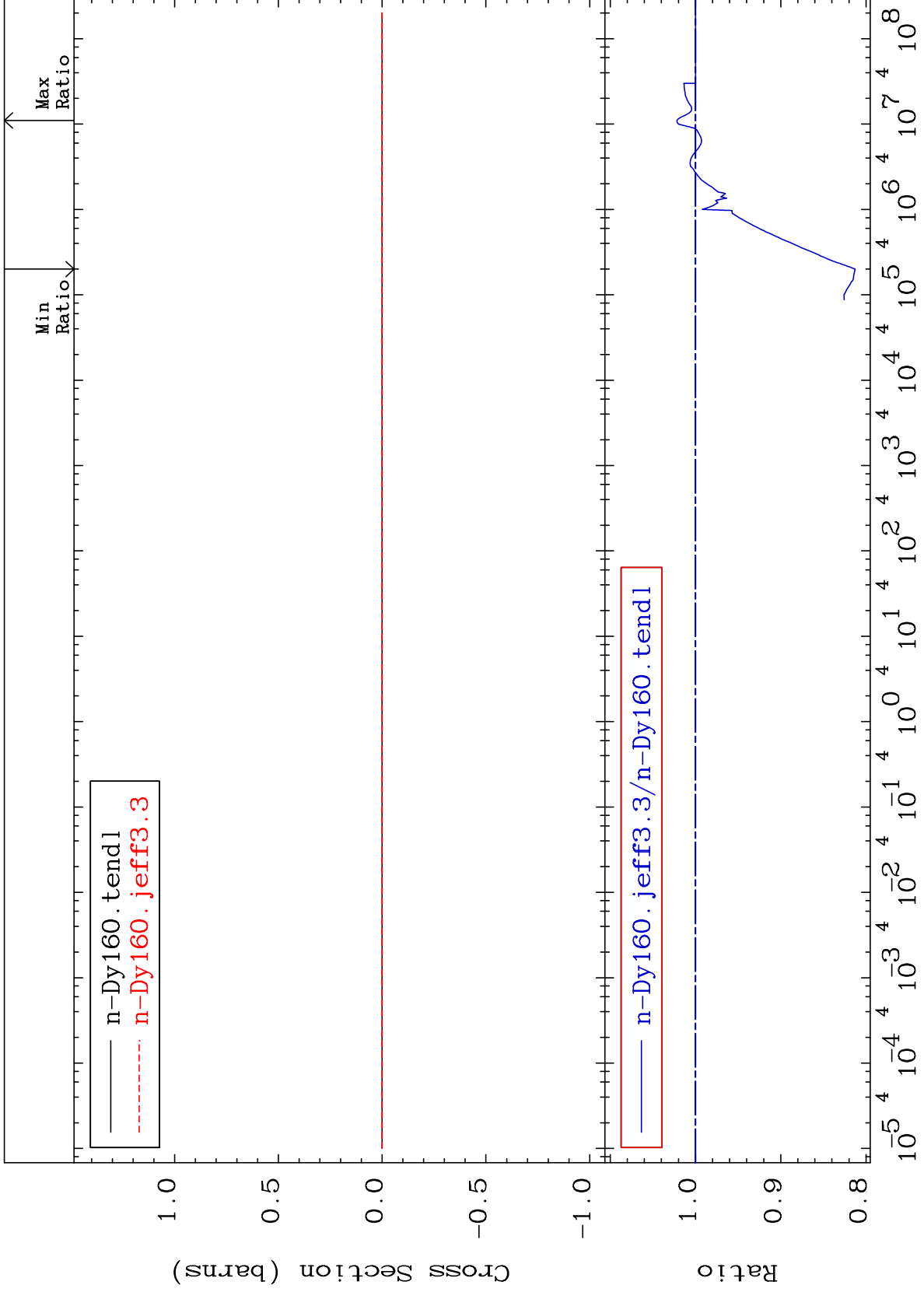
70

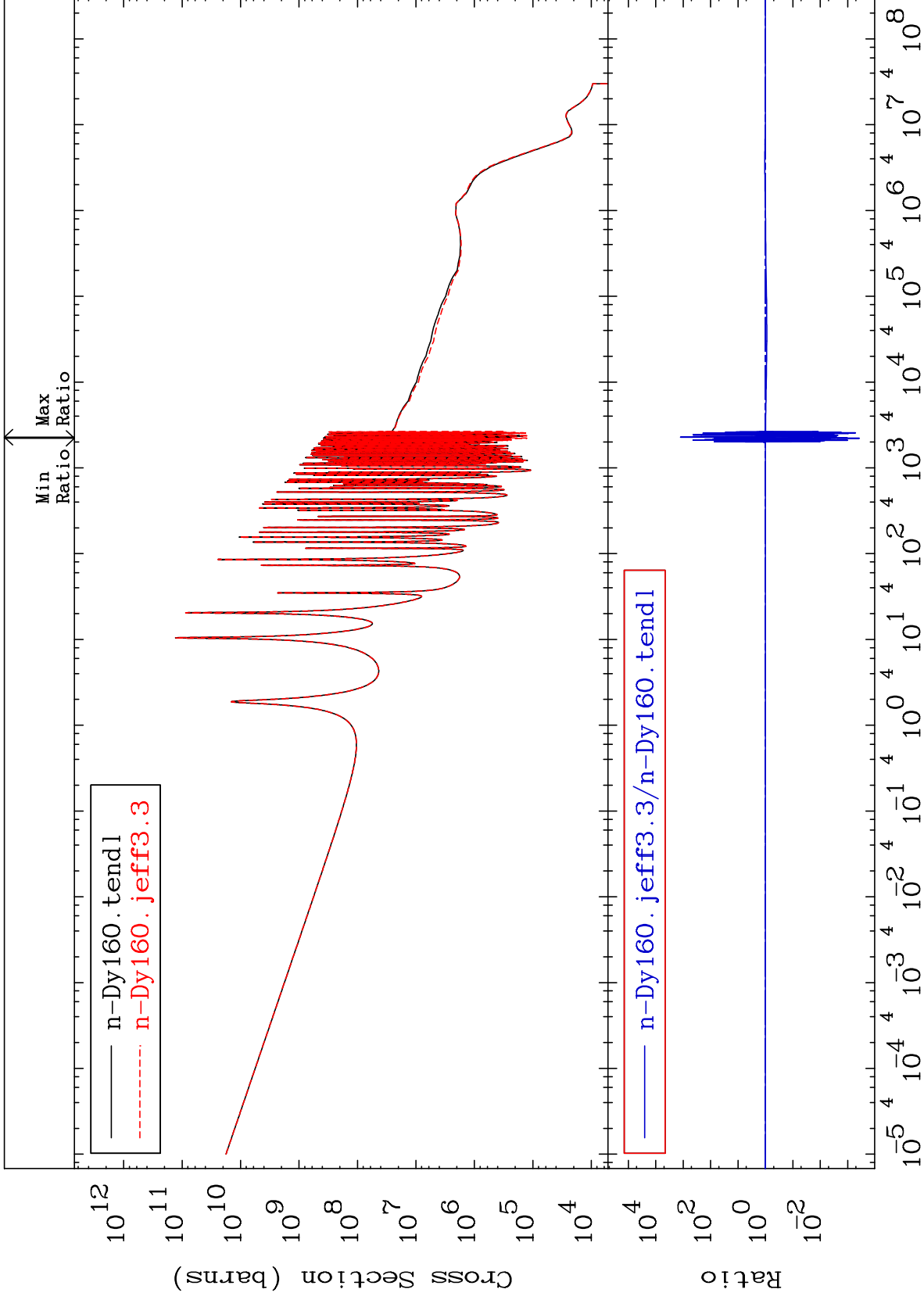
Incident Energy (eV)

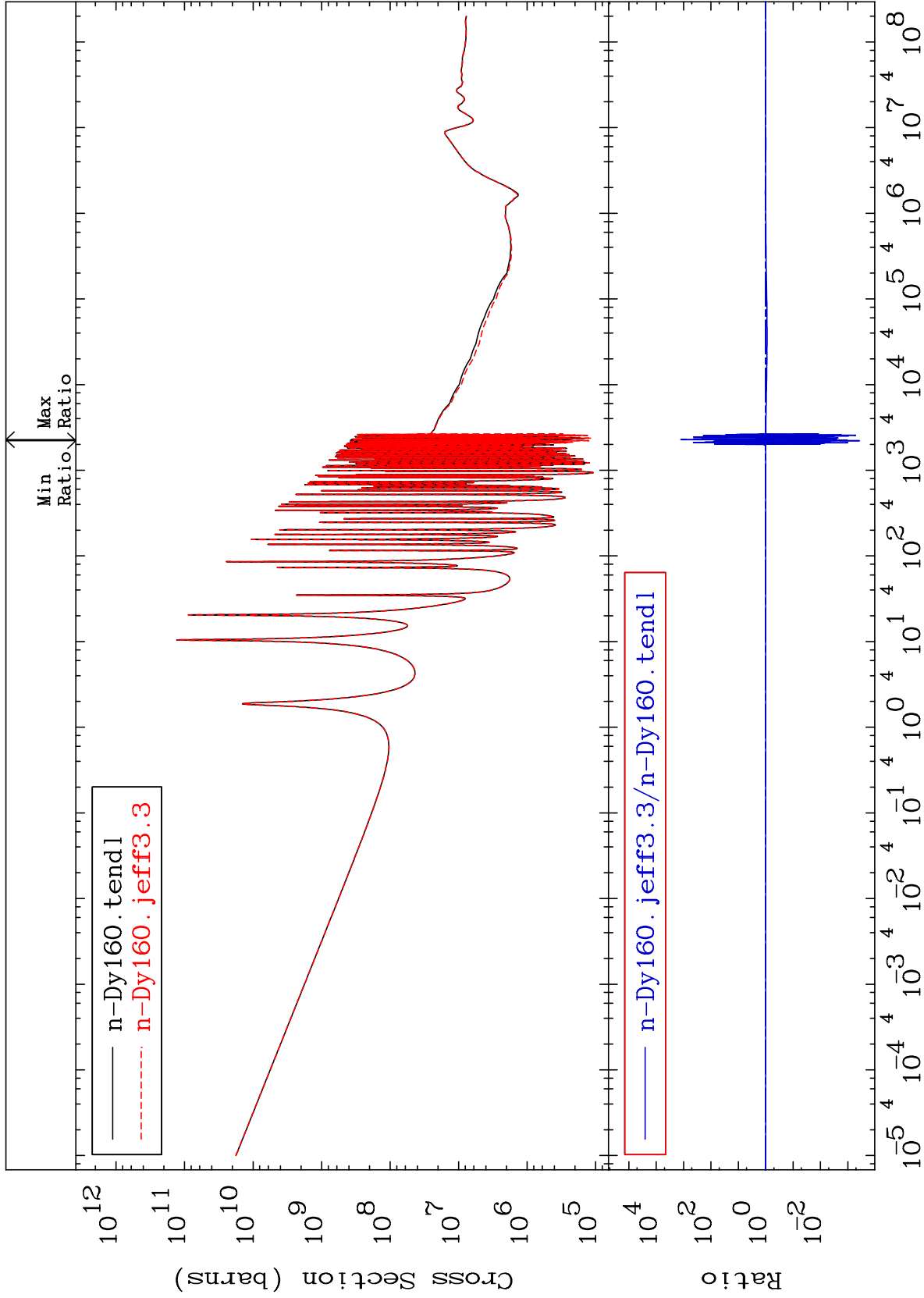
66-Dy-160

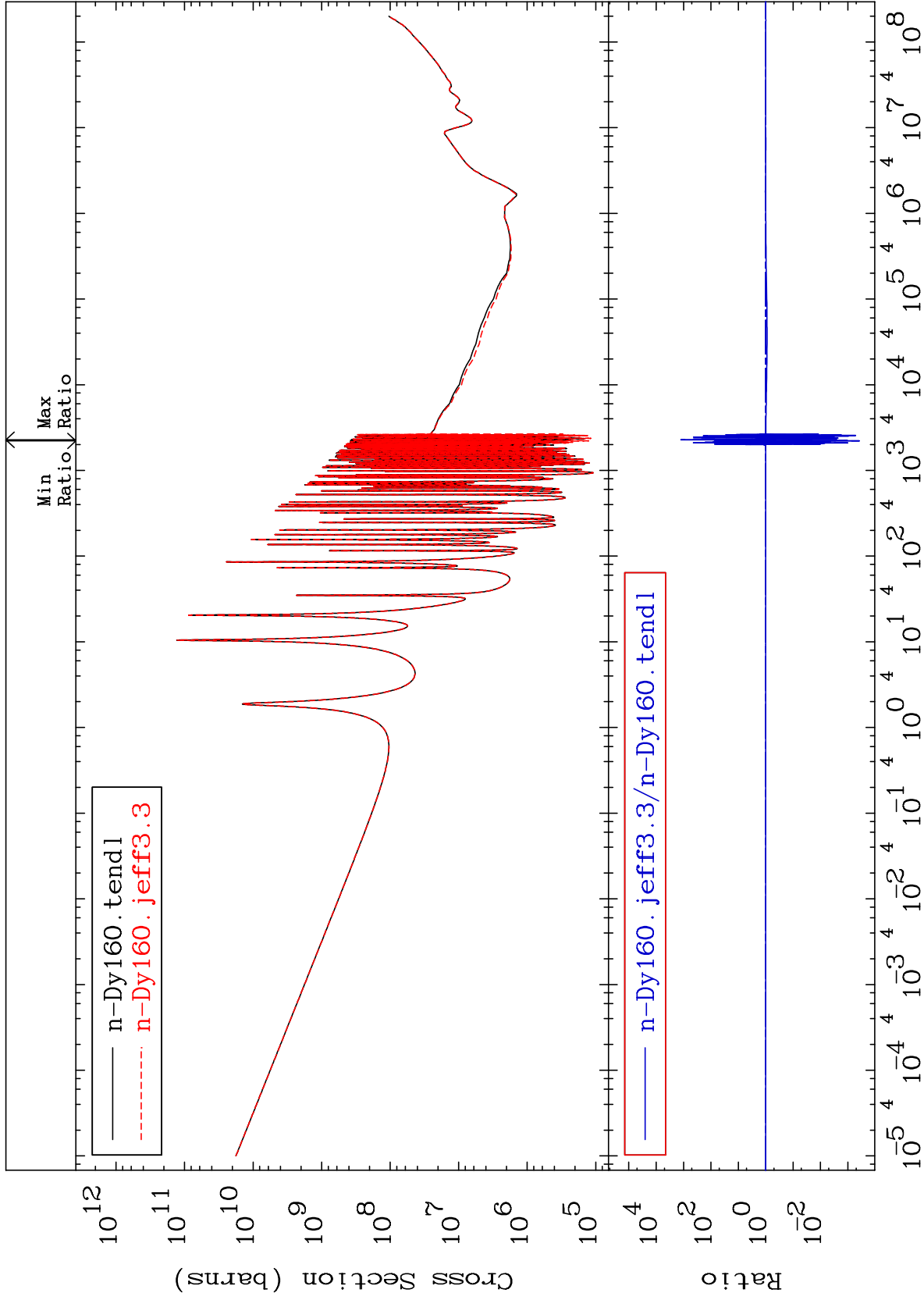


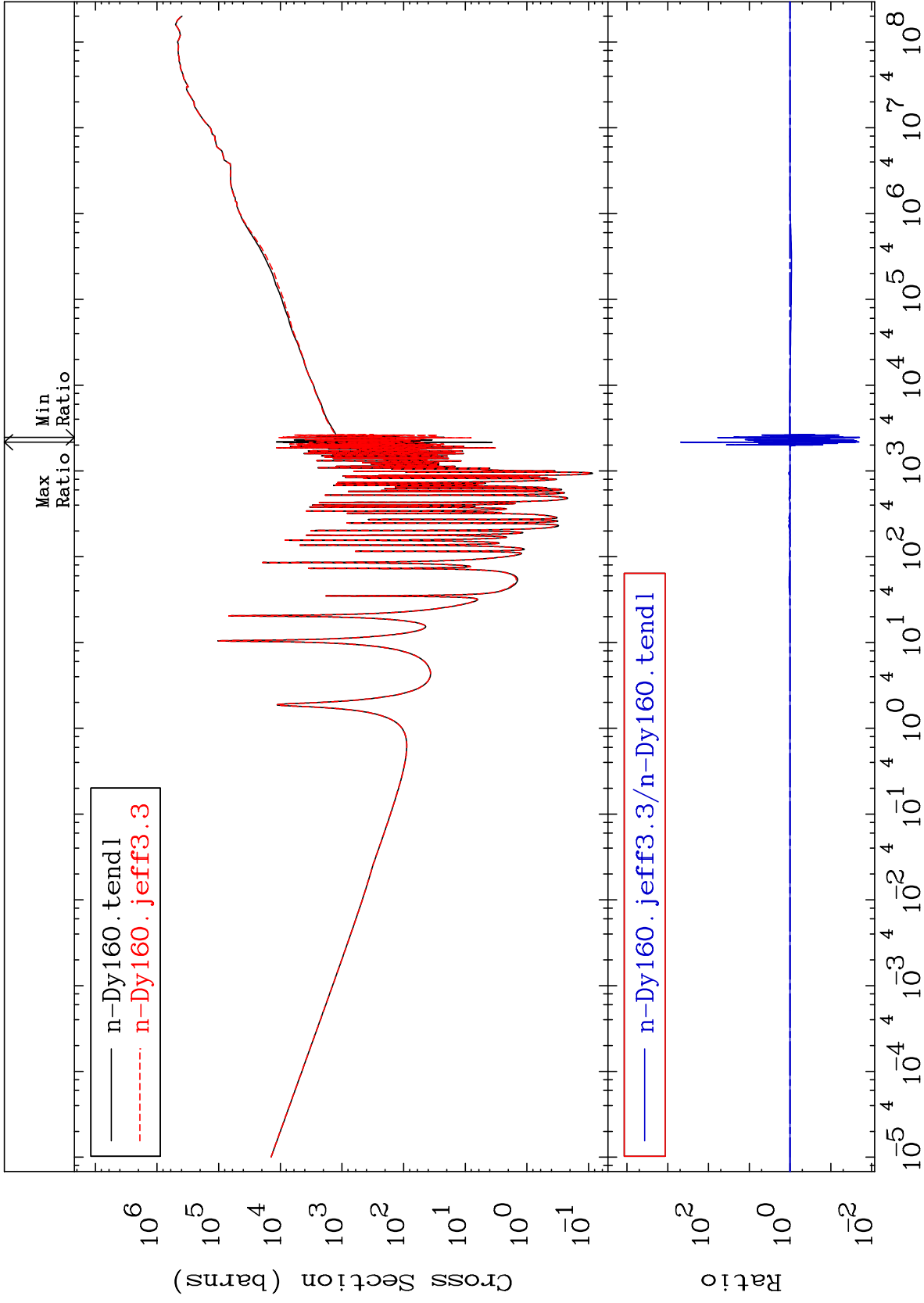


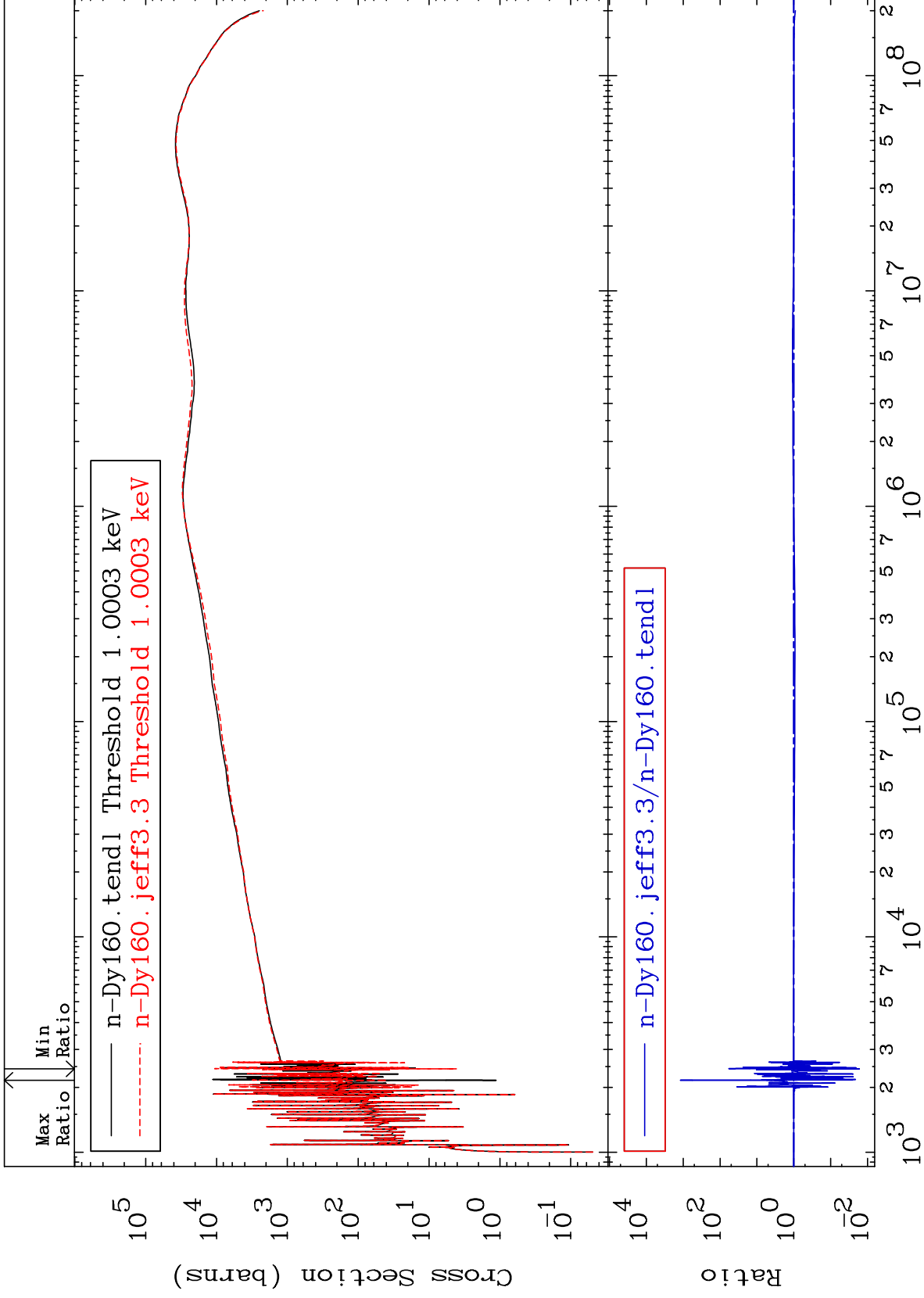








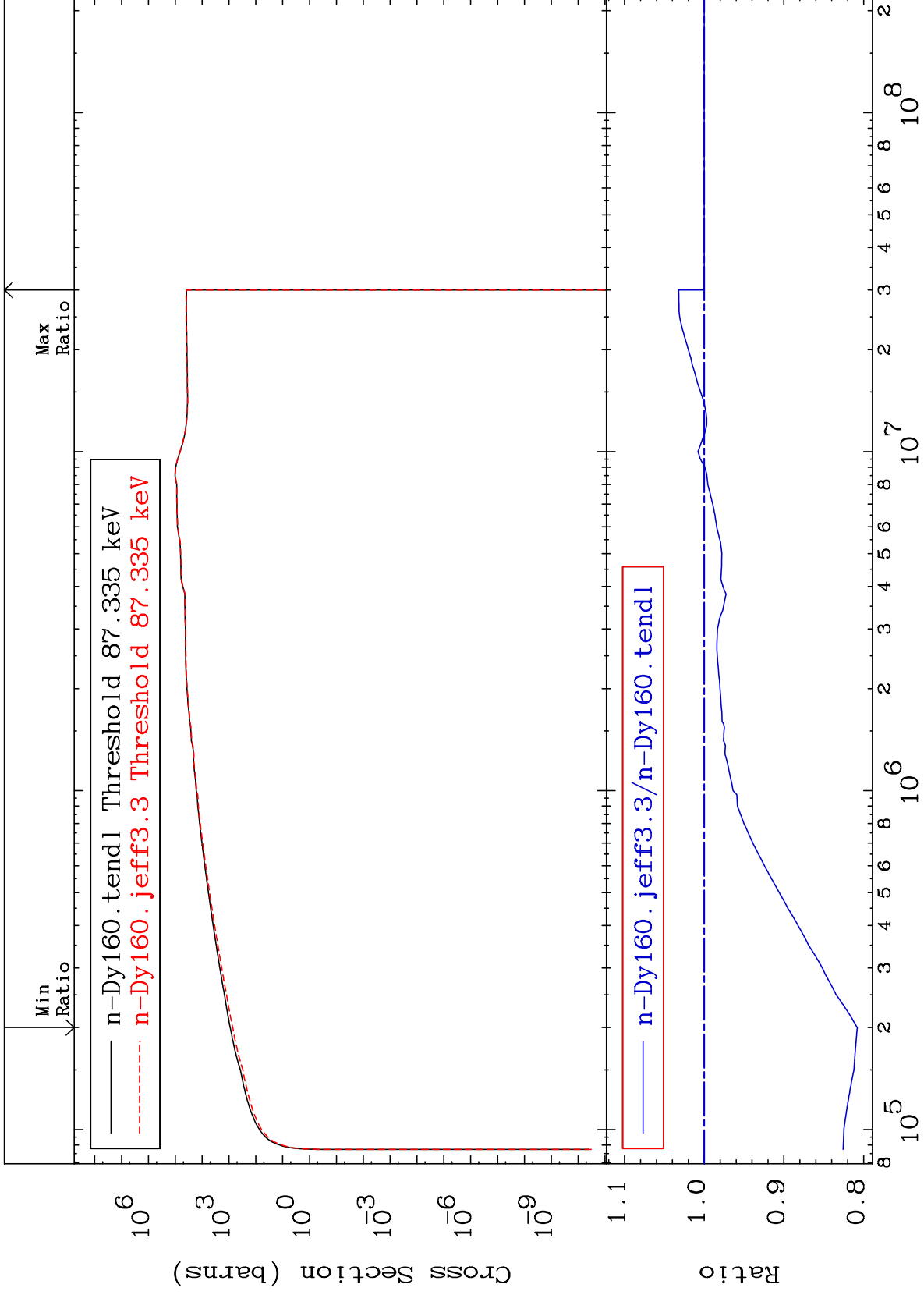


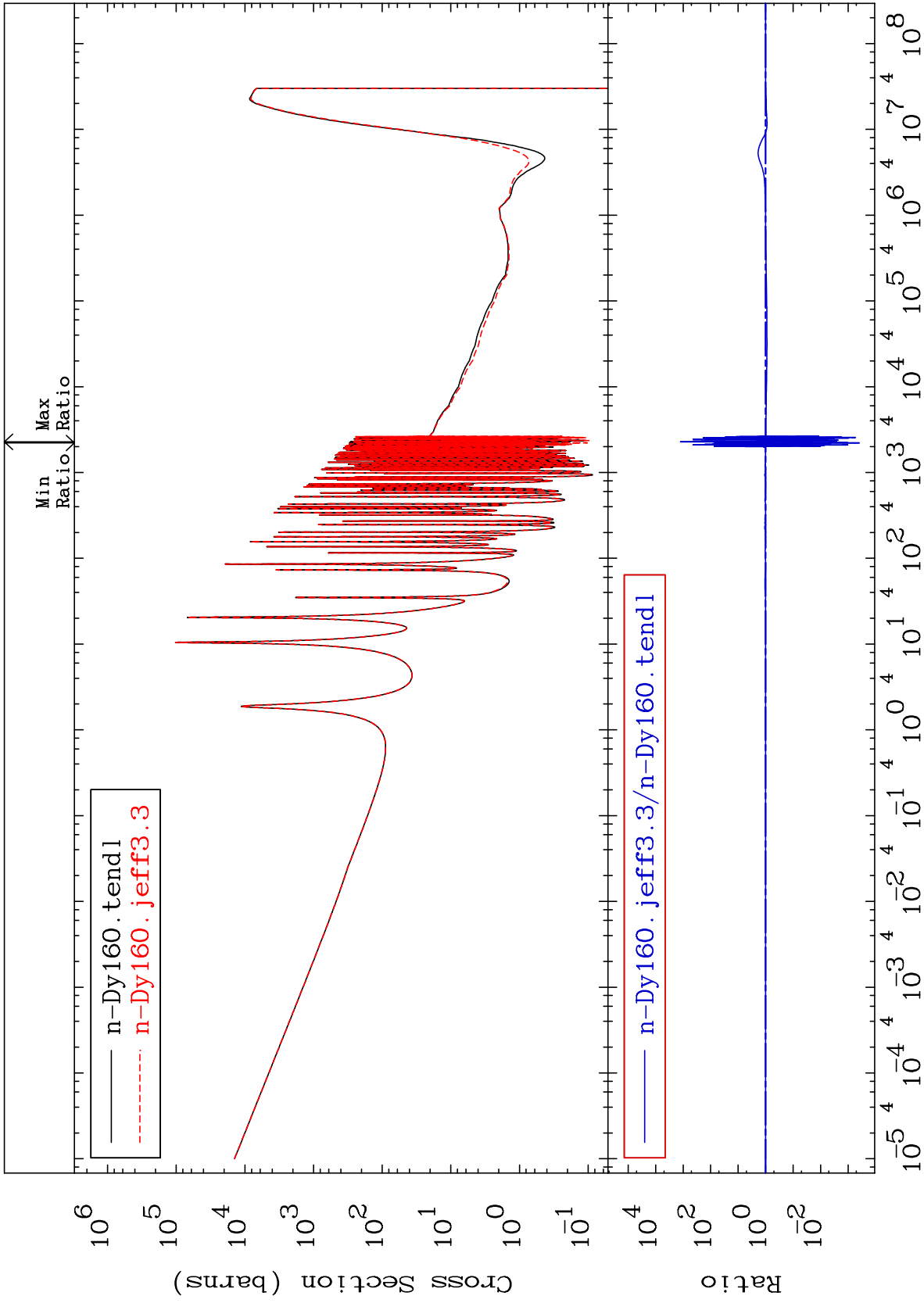


MAT 6637

Dpa inelastic (mt51-91)
Cross Section

66-Dy-160
-19.20 To 3.215 %



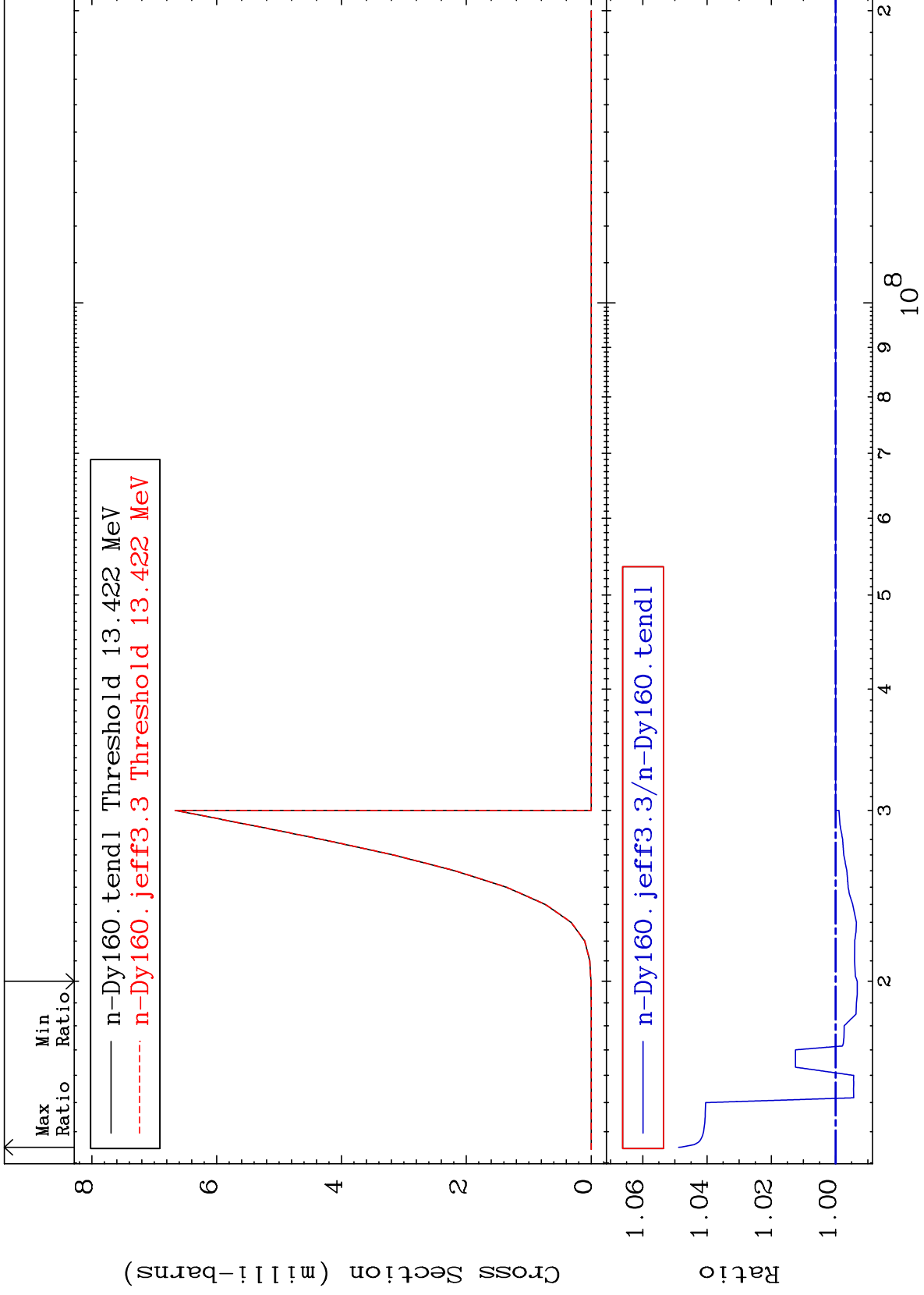


MAT 6637

(n, n') d: 65-Tb-158g

66-Dy-160

Radionuclide Production Cross Section -0.673 To 4.884 %

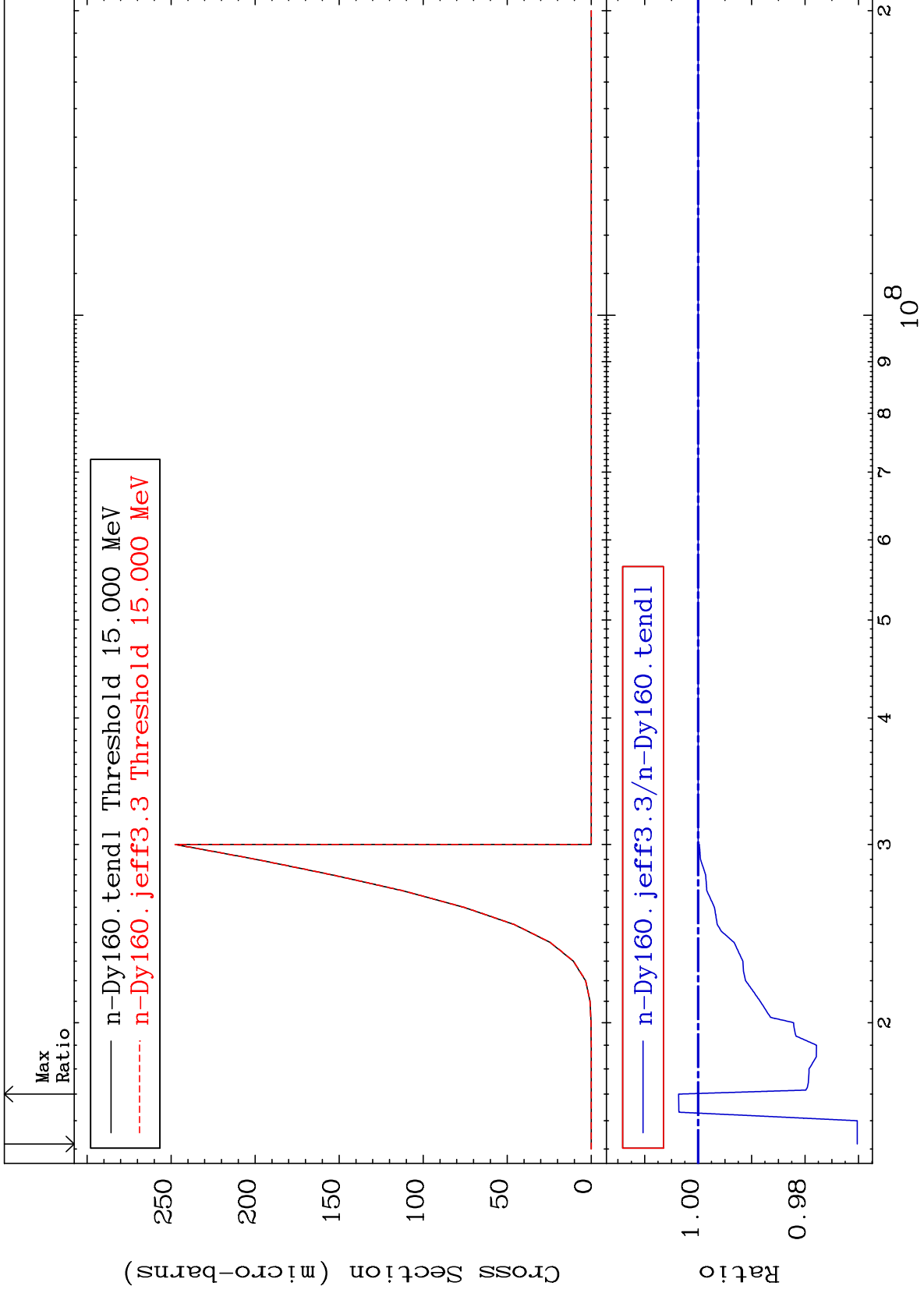


MAT 6637

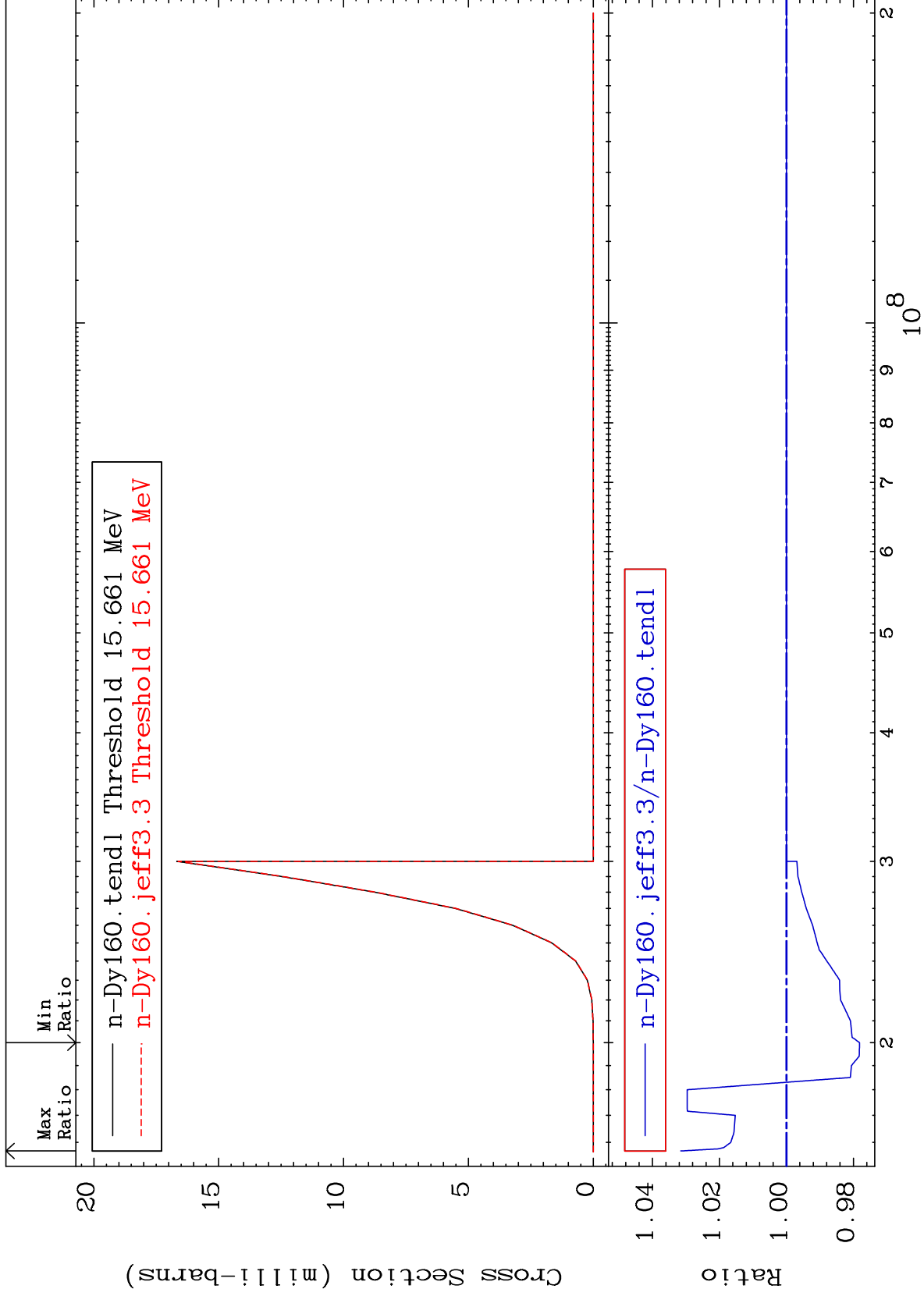
(n, n') d:65-Tb-158m3

66-Dy-160

Radionuclide Production Cross Section -2.976 To 0.365 %



Radionuclide Production Cross Section -2.181 To 3.155 %



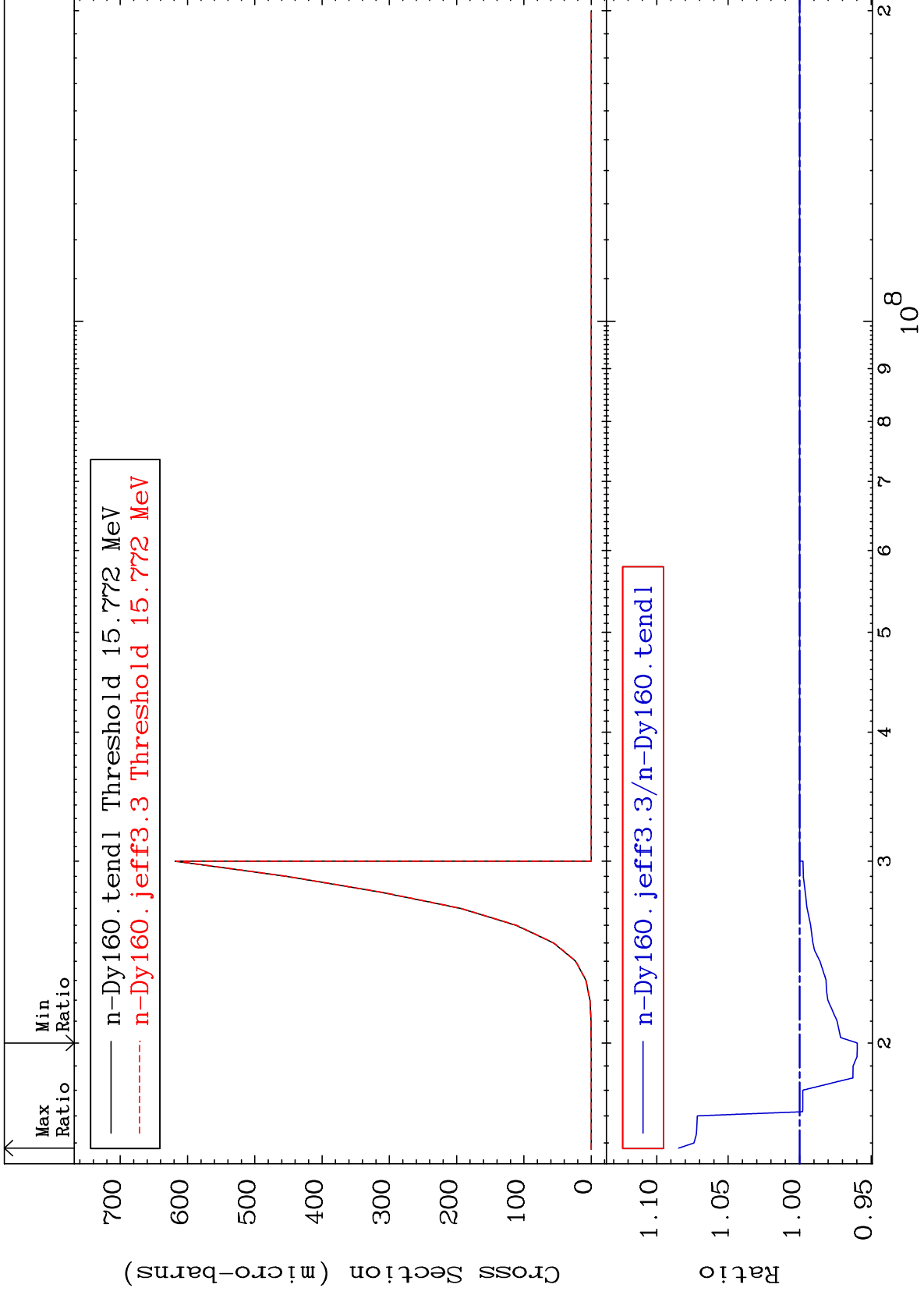
MAT 6637

(n,2n) p:65-Tb-158m3

66-Dy-160

Radionuclide Production Cross Section

-4.032 To 8.464 %

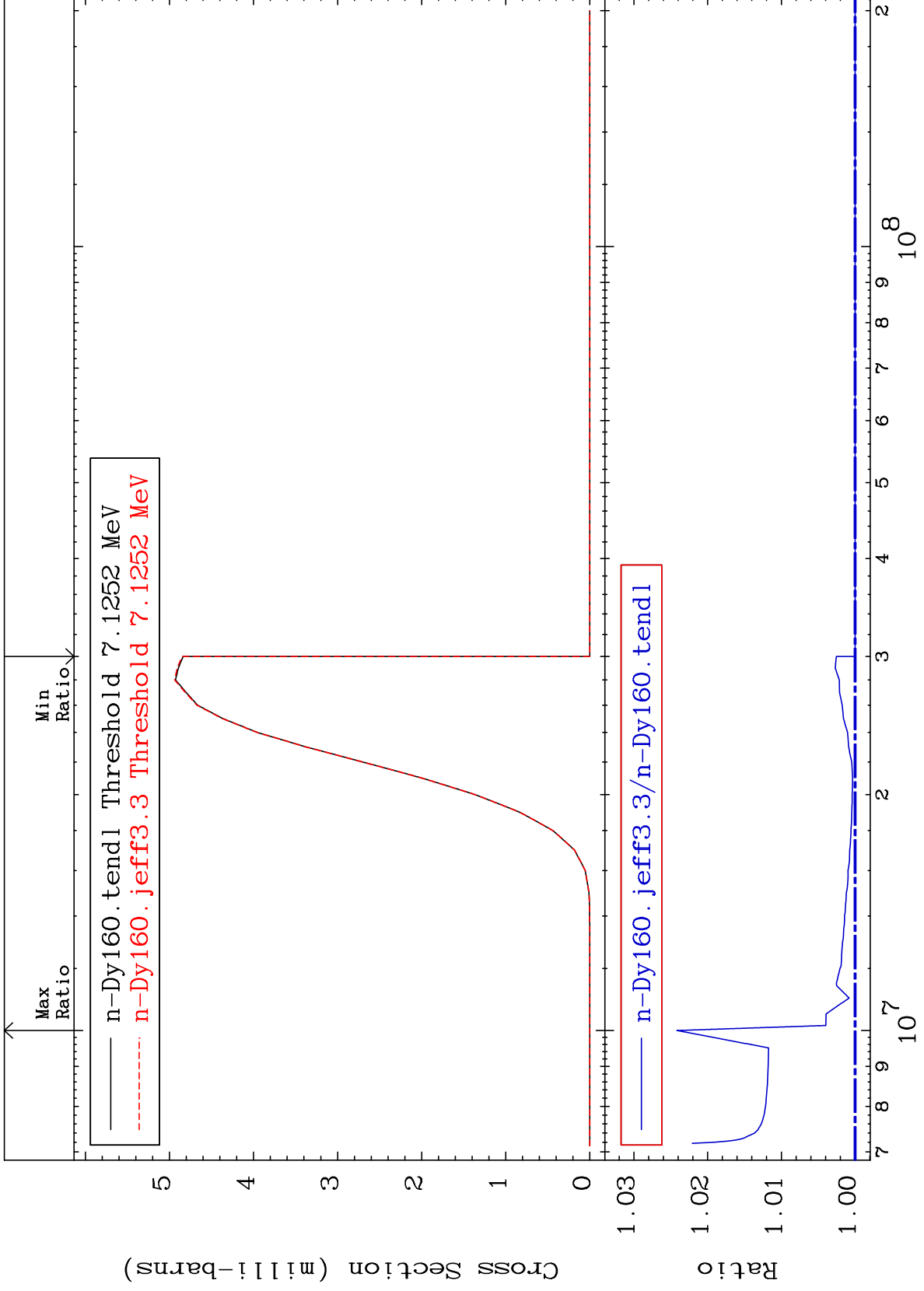


MAT 6637

(n, t) : 65-Tb-158g

66-Dy-160
To 2.416 %

Radionuclide Production Cross Section 0.000



MAT 6637

(n, t) : 65-Tb-158m3

66-Dy-160

Radionuclide Production Cross Section -0.051 To 11.55 %

