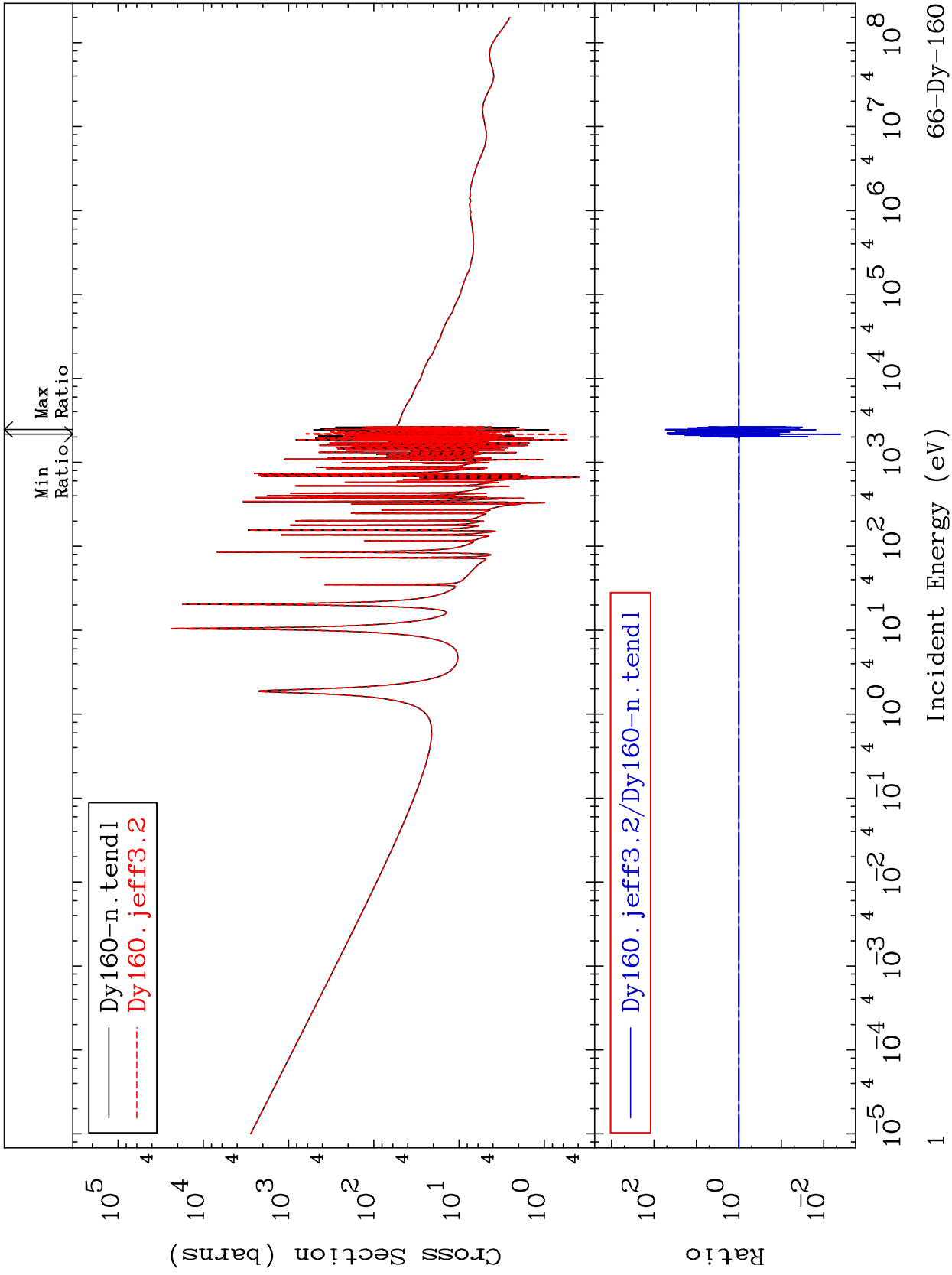


MAT 6637

Total Cross Section  
66-Dy-160  
-99.60 To 5284. %



66-Dy-160

Incident Energy (eV)

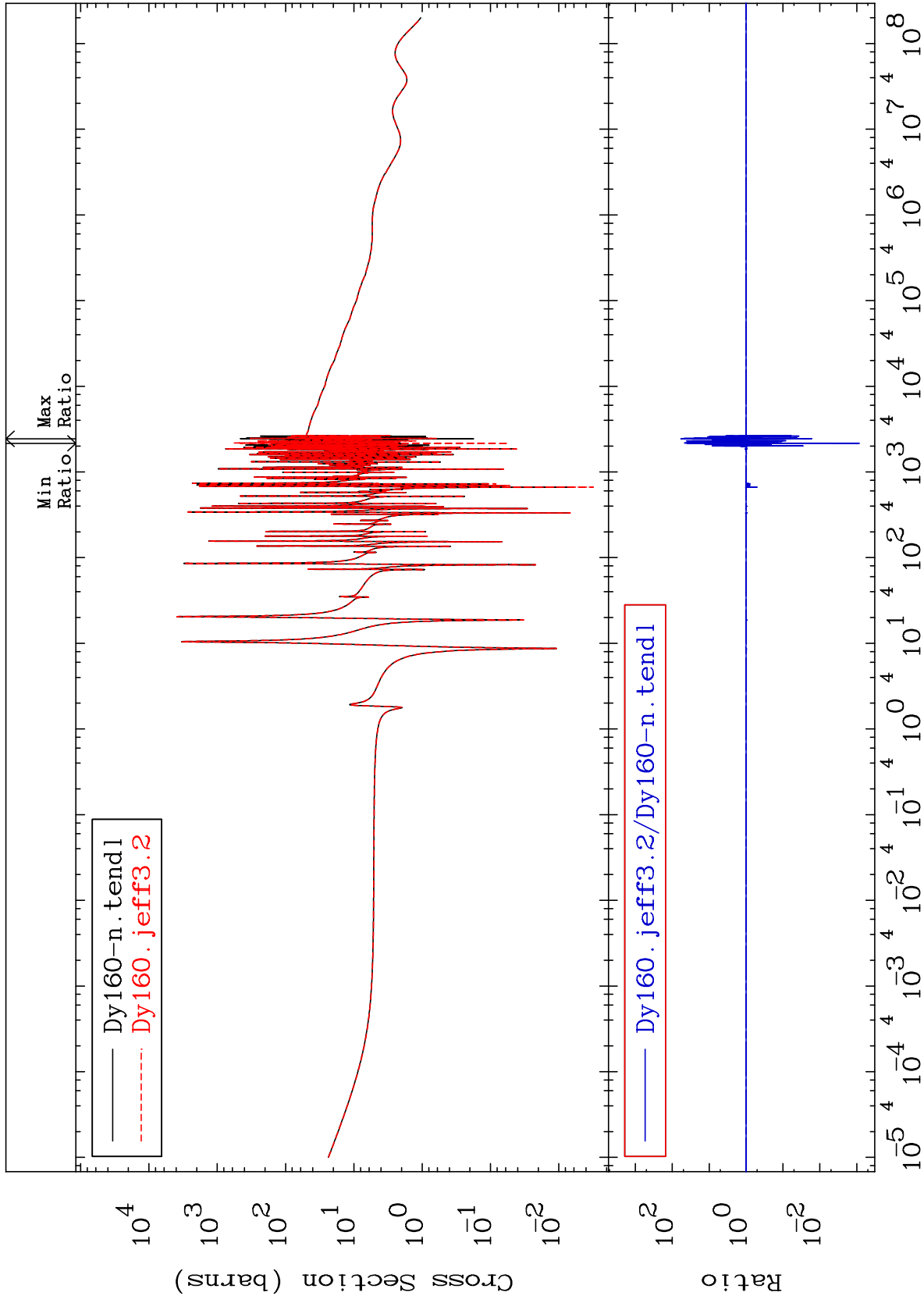
MAT 6637

Elastic

66-Dy-160

Cross Section

-99.92 To 5783. %



2

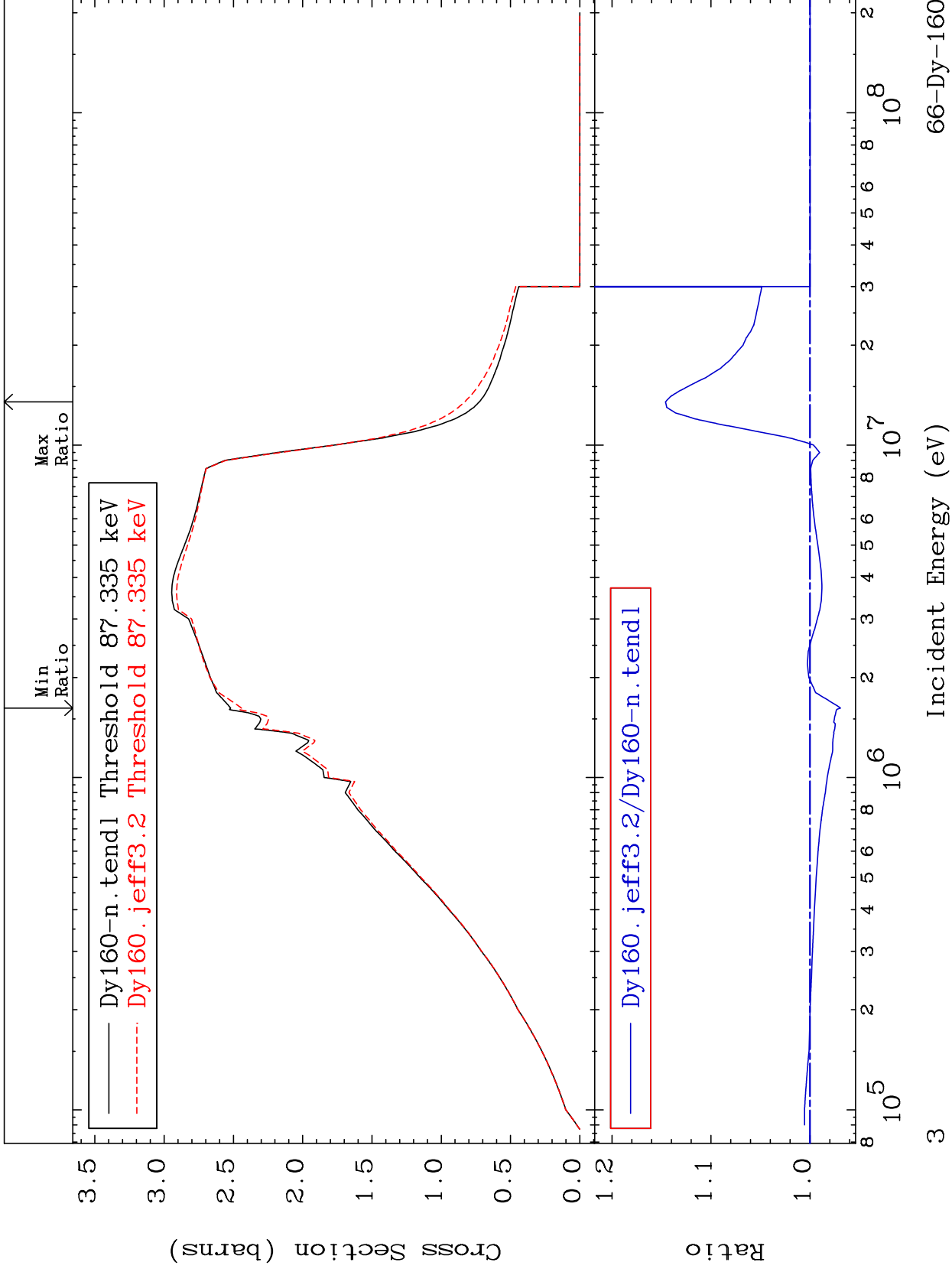
Incident Energy (eV)

66-Dy-160

MAT 6637

Inelastic  
Cross Section

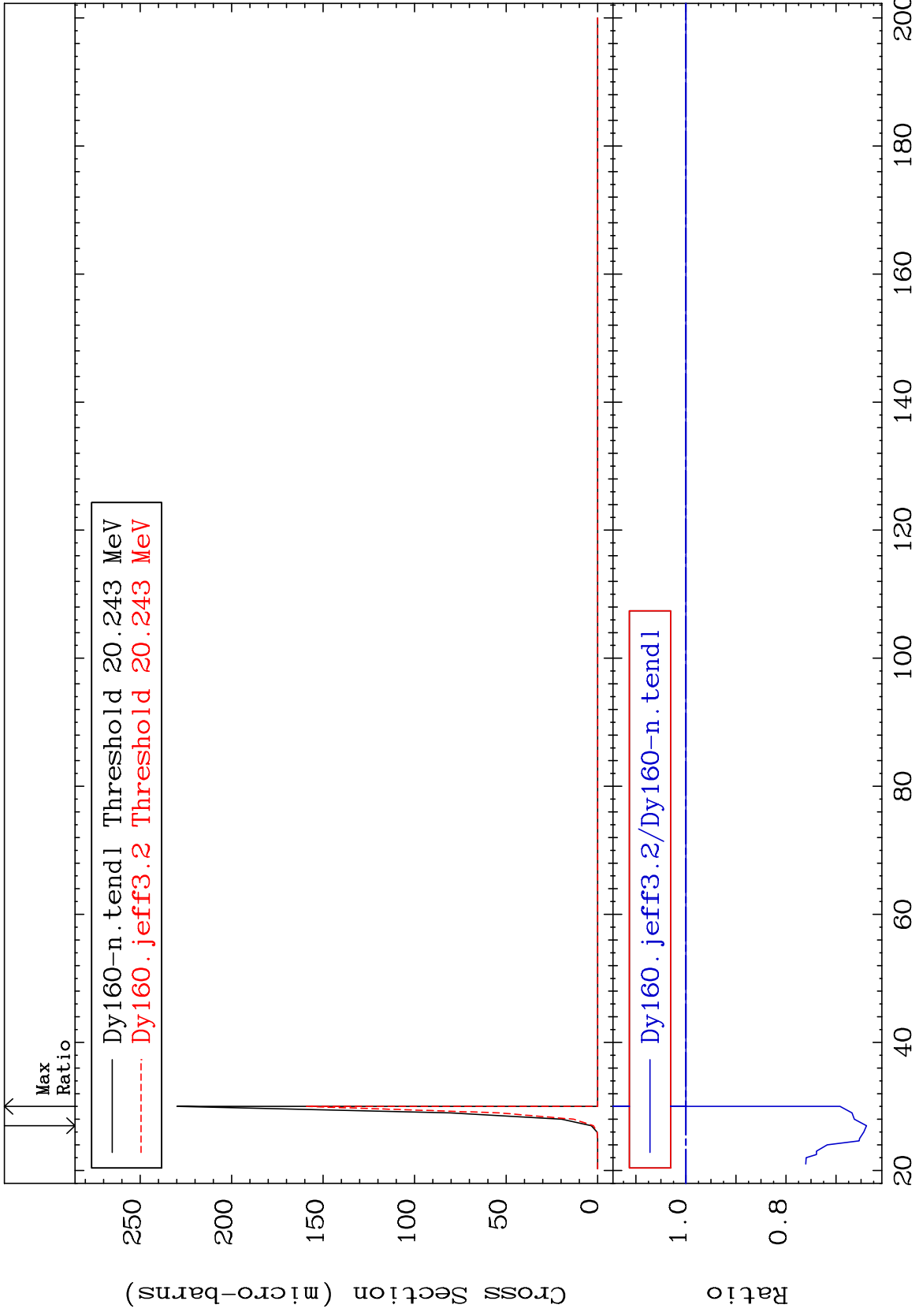
66-Dy-160  
-3.101 To 14.60 %



MAT 6637

(n,2n) d  
Cross Section

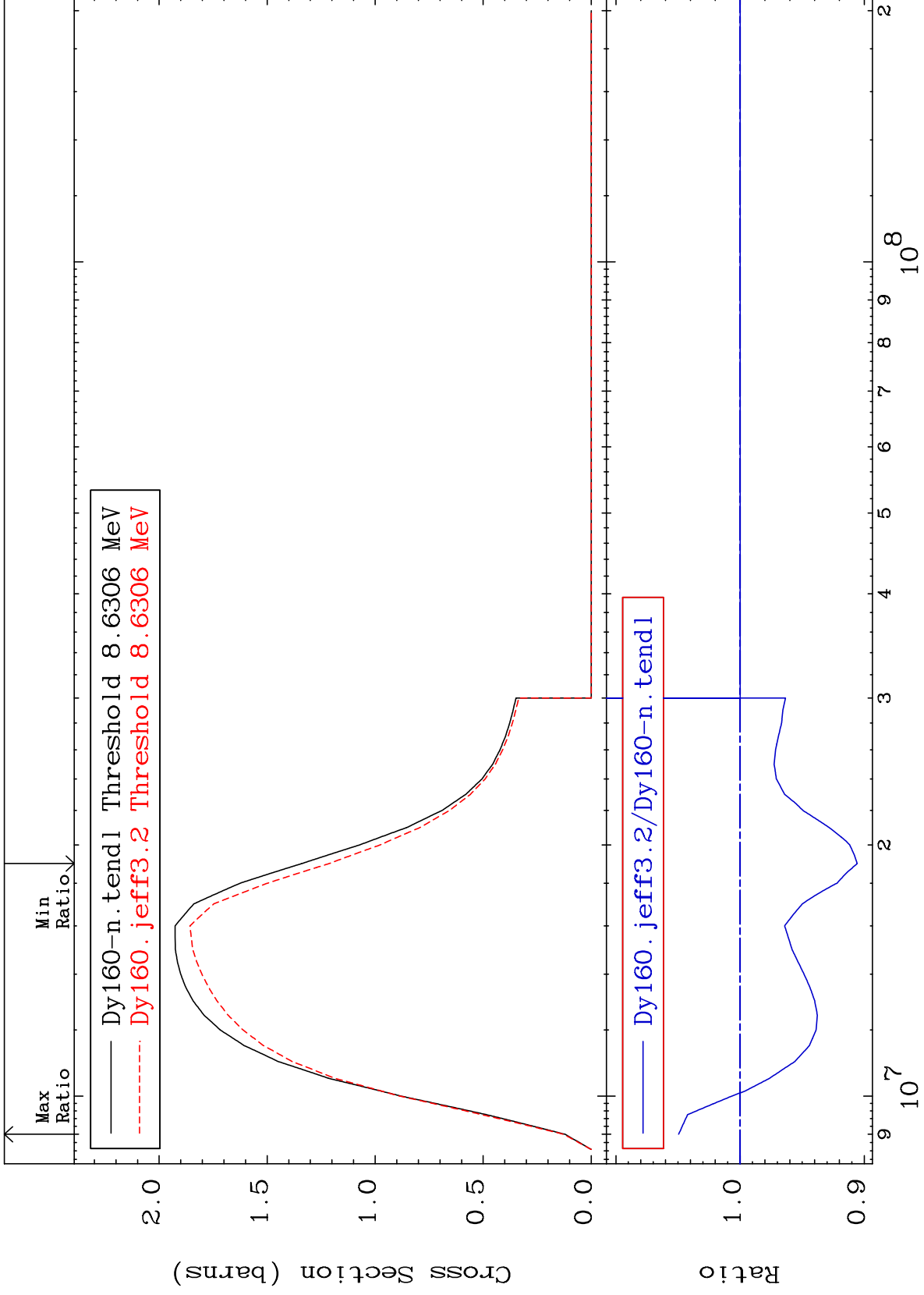
66-Dy-160  
-36.08 To 0.000 %



MAT 6637

(n,2n)  
Cross Section

66-Dy-160  
-9.434 To 4.948 %



5

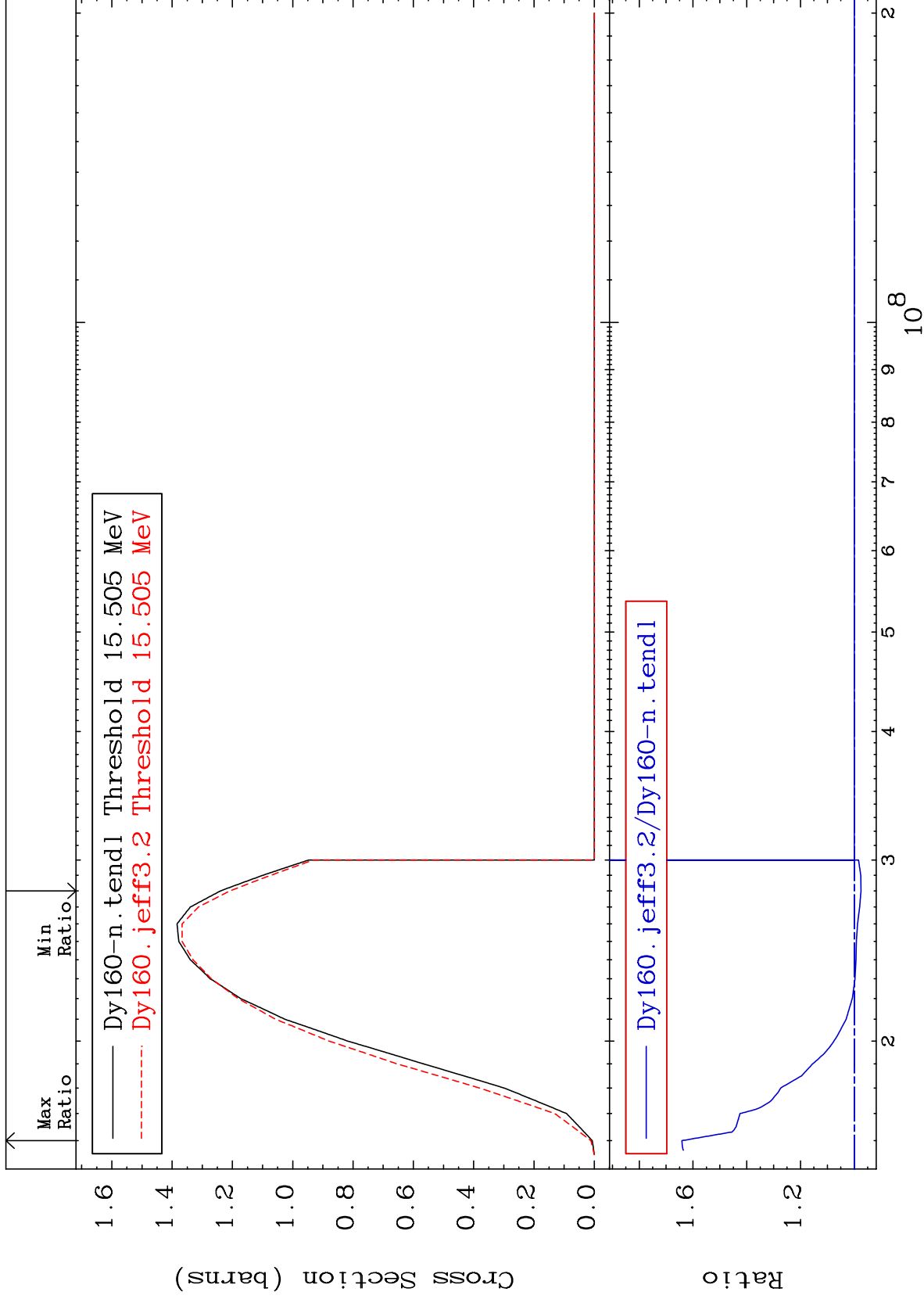
Incident Energy (eV)

66-Dy-160

MAT 6637

(n,3n)  
Cross Section

66-Dy-160  
-2.513 To 64.12 %



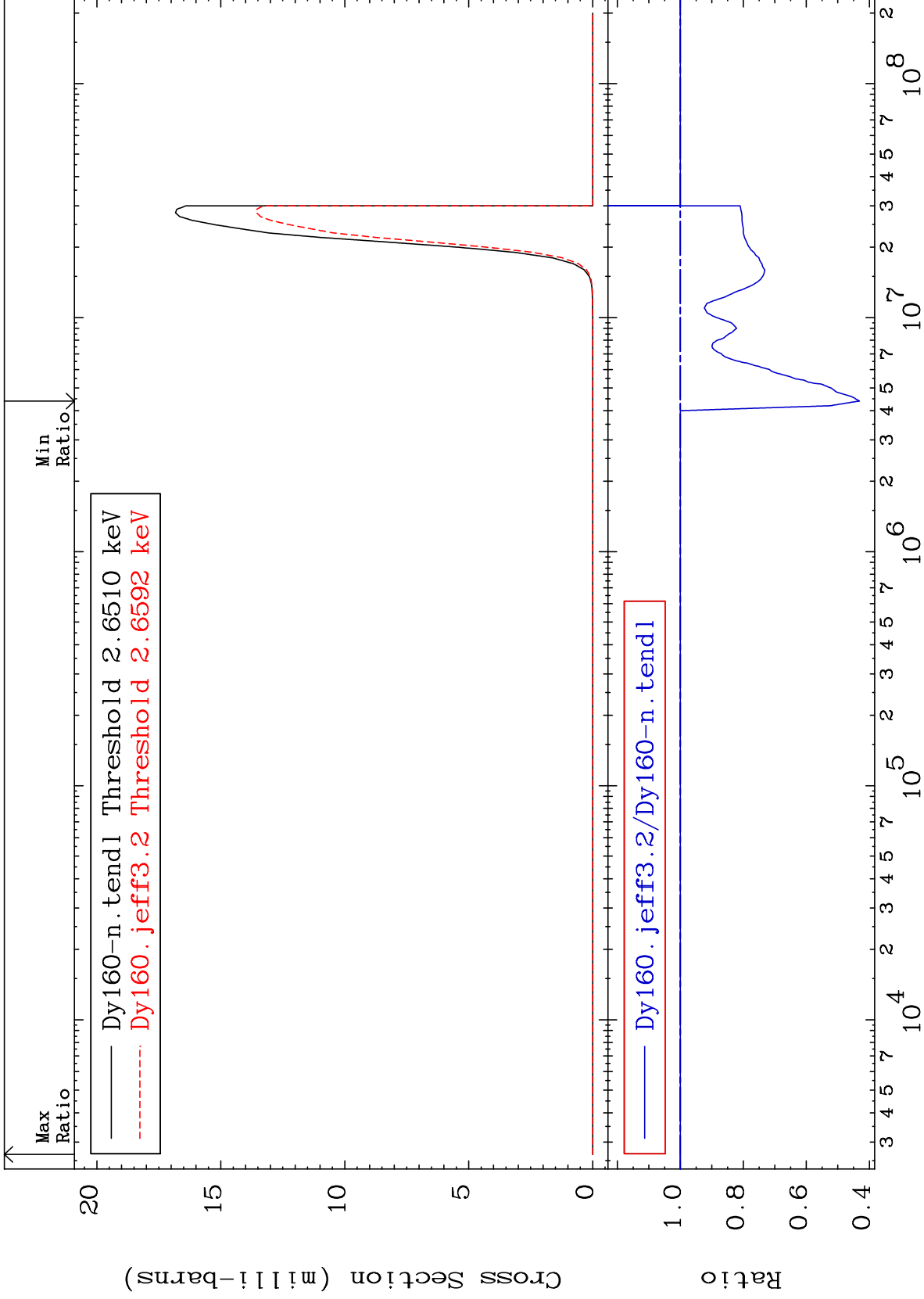
MAT 6637

(n, n')  $\alpha$

66-Dy-160

Cross Section

-56.85 To 0.000 %



7

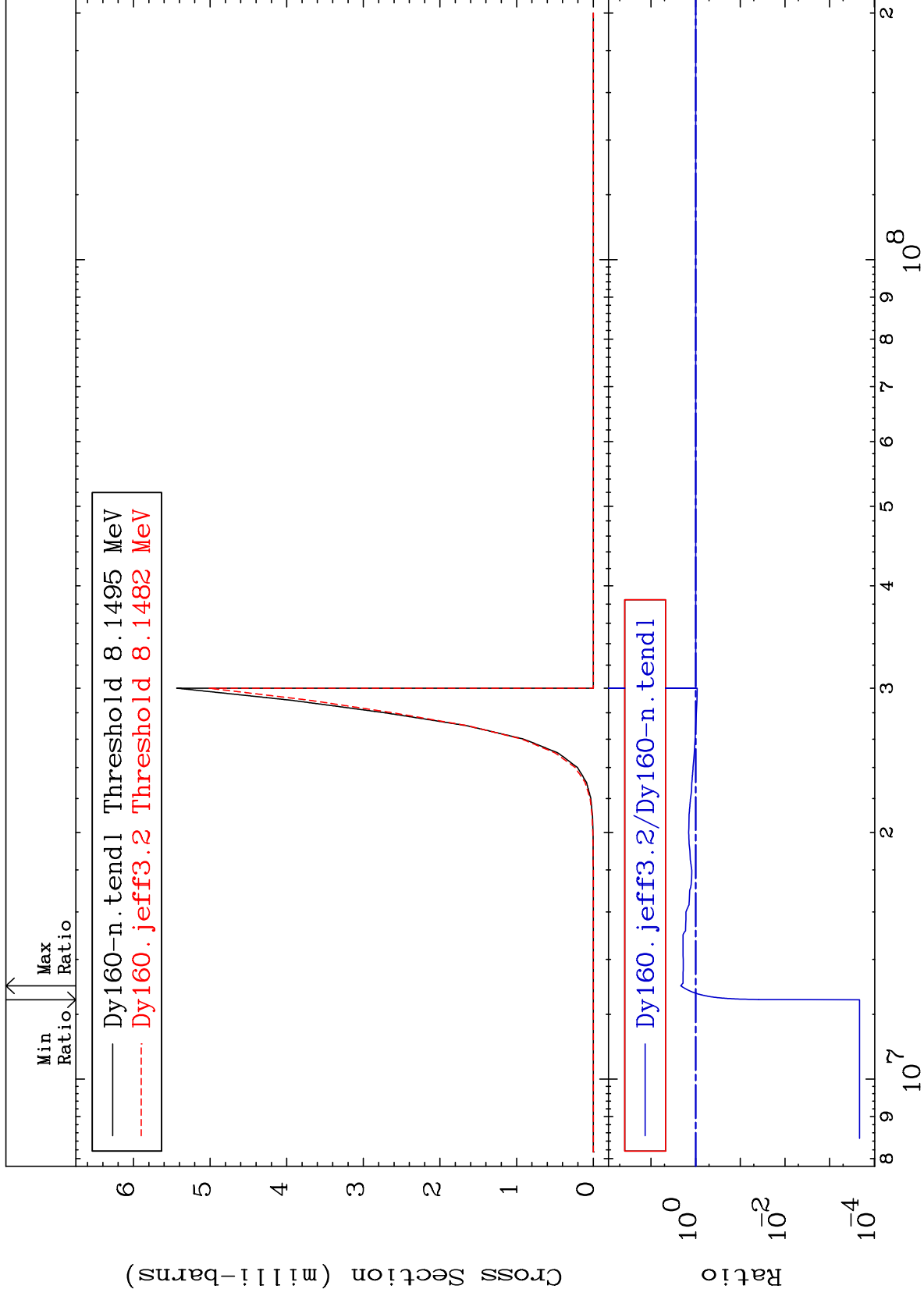
Incident Energy (eV)

66-Dy-160

MAT 6637

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

66-Dy-160  
-99.98 To 115.5 %



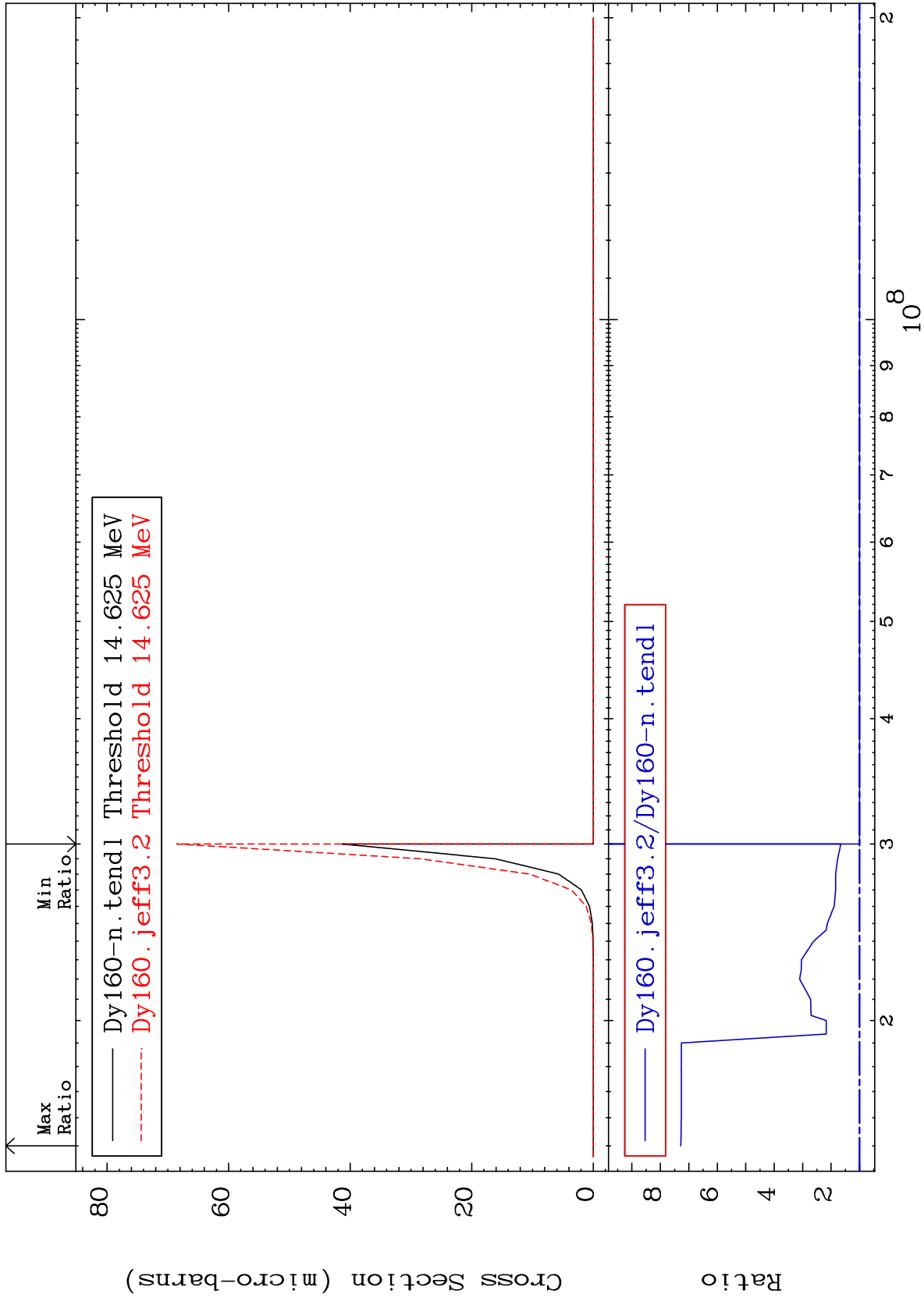
66-Dy-160

8



MAT 6637

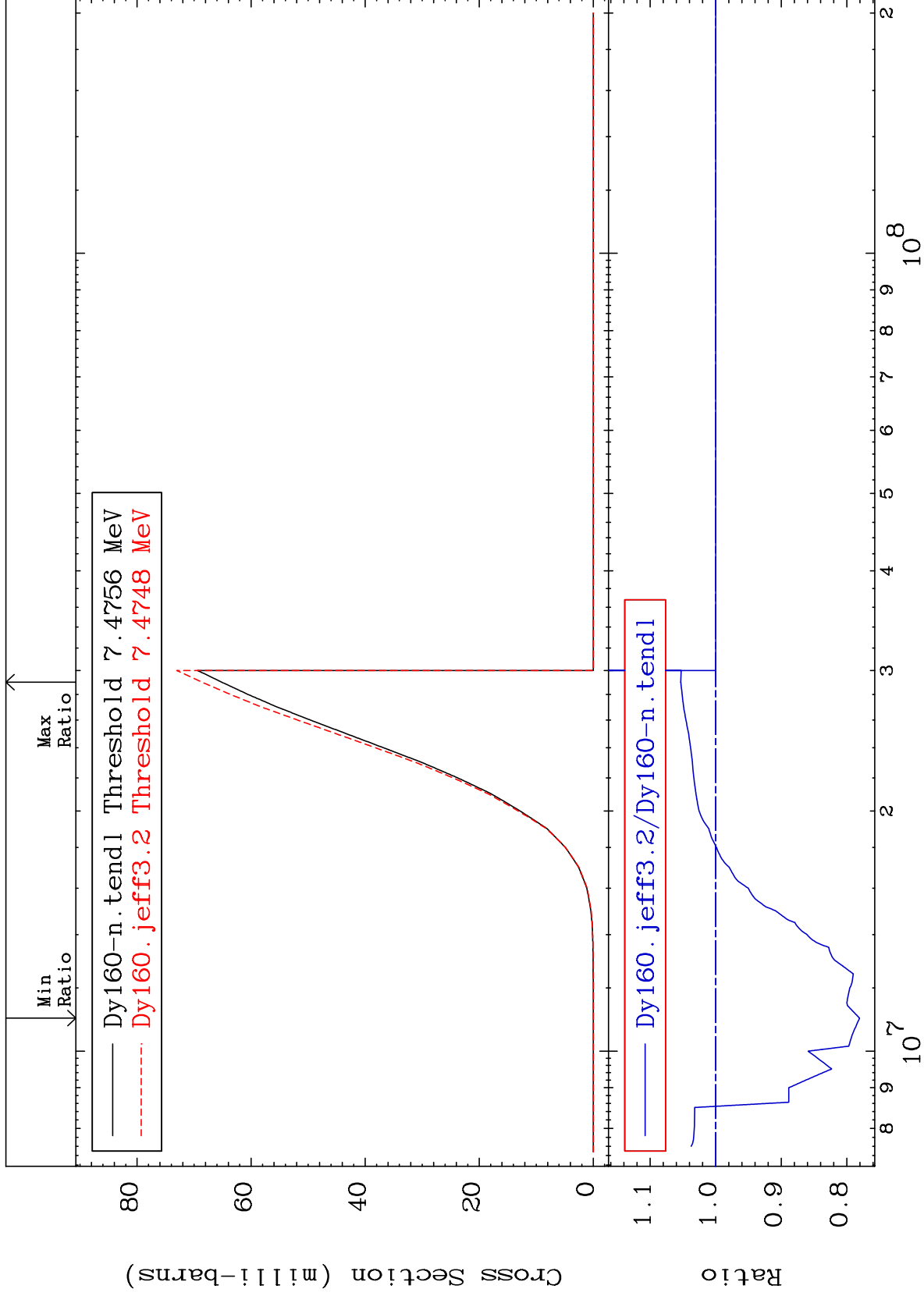
(n,3n)  $\alpha$  Cross Section  
66-Dy-160  
0.000 To 628.3 %



MAT 6637

(n,n') p  
Cross Section

66-Dy-160  
-21.95 To 5.330 %



10

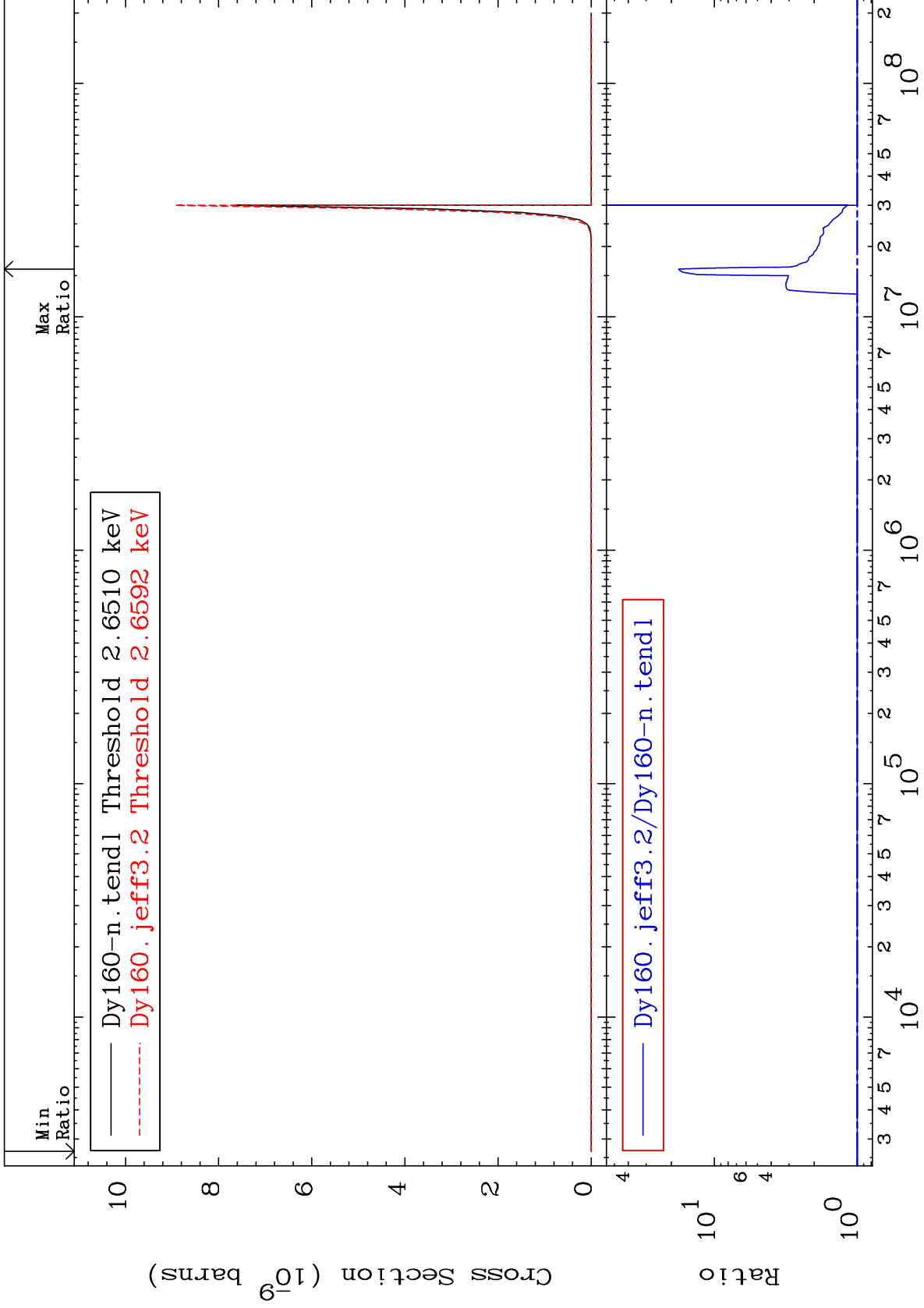
Incident Energy (eV)

66-Dy-160

MAT 6637

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

66-Dy-160  
To 1675. %



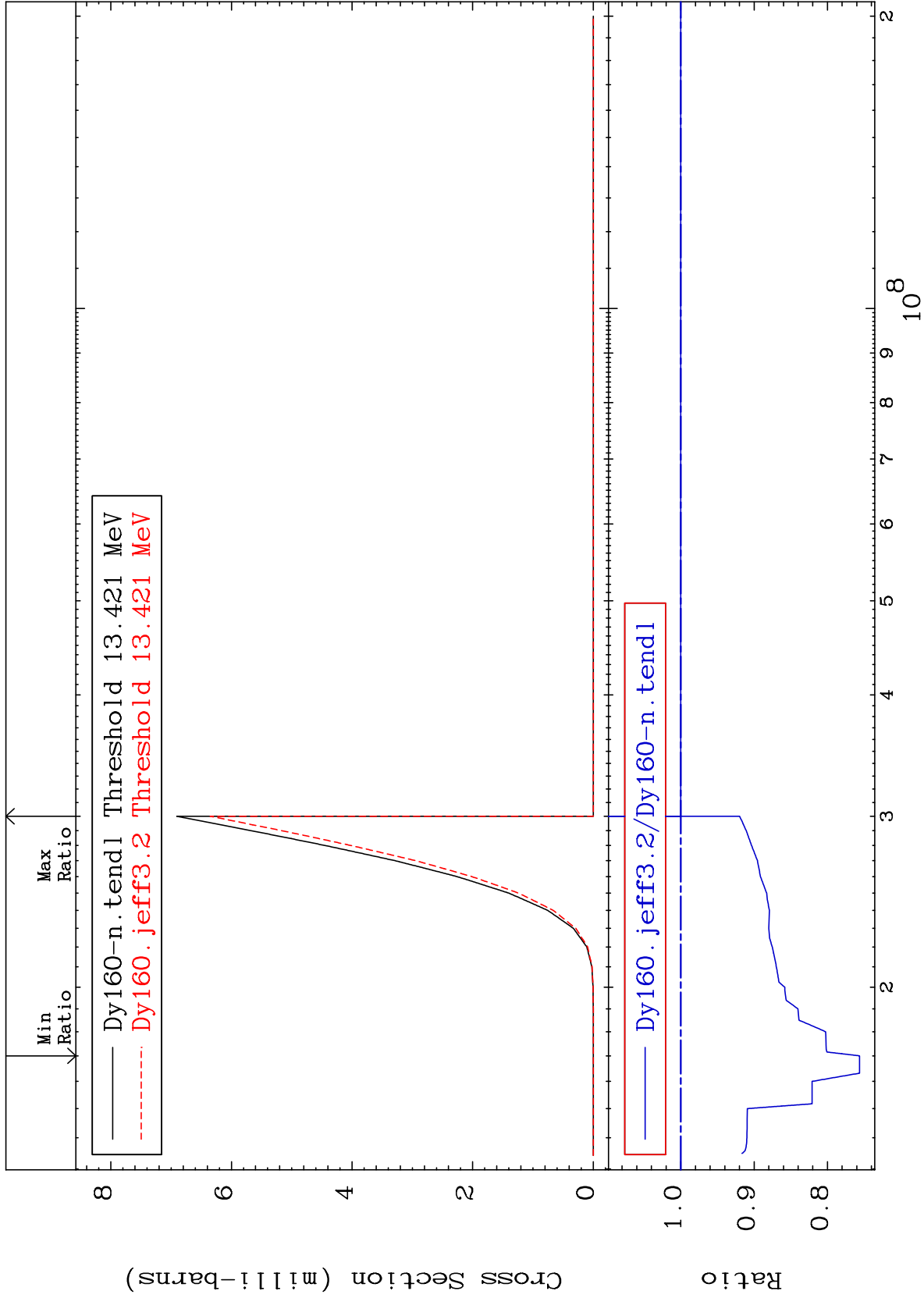
MAT 6637

(n, n') d

66-Dy-160

Cross Section

-24.37 To 0.000 %



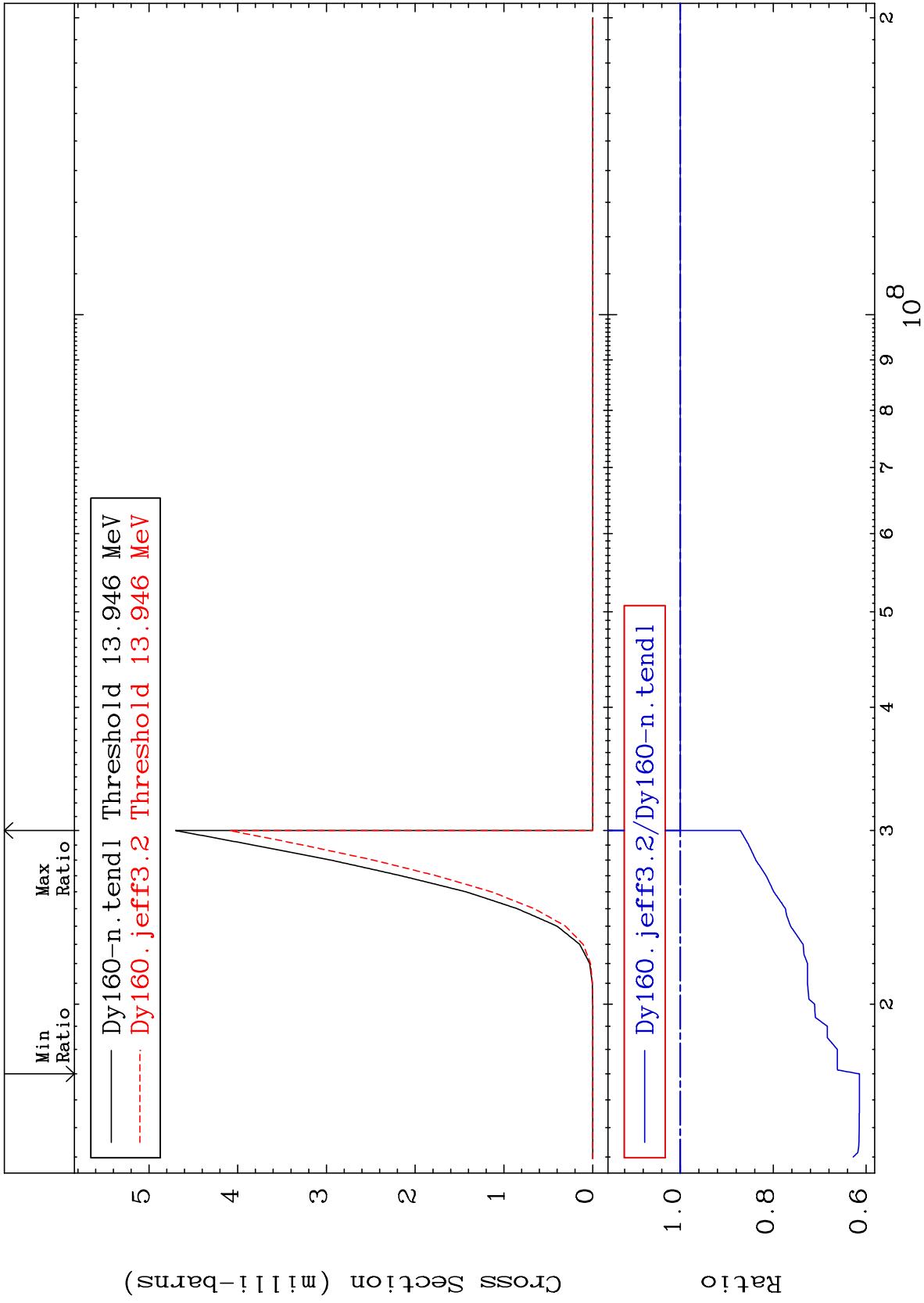
12

Incident Energy (eV)

66-Dy-160

Cross Section

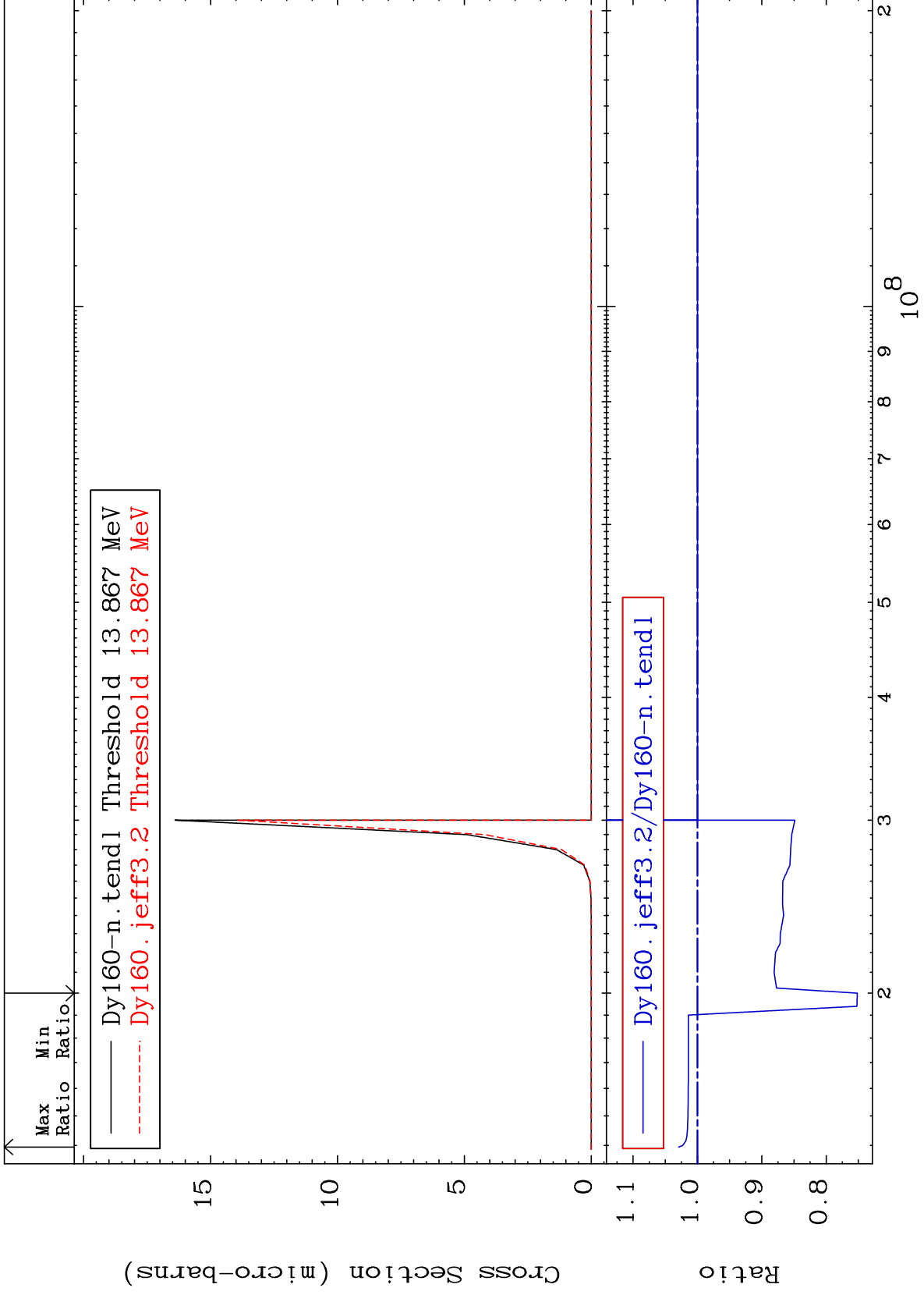
-38.55 To 0.000 %



MAT 6637

(n, n') He-3  
Cross Section

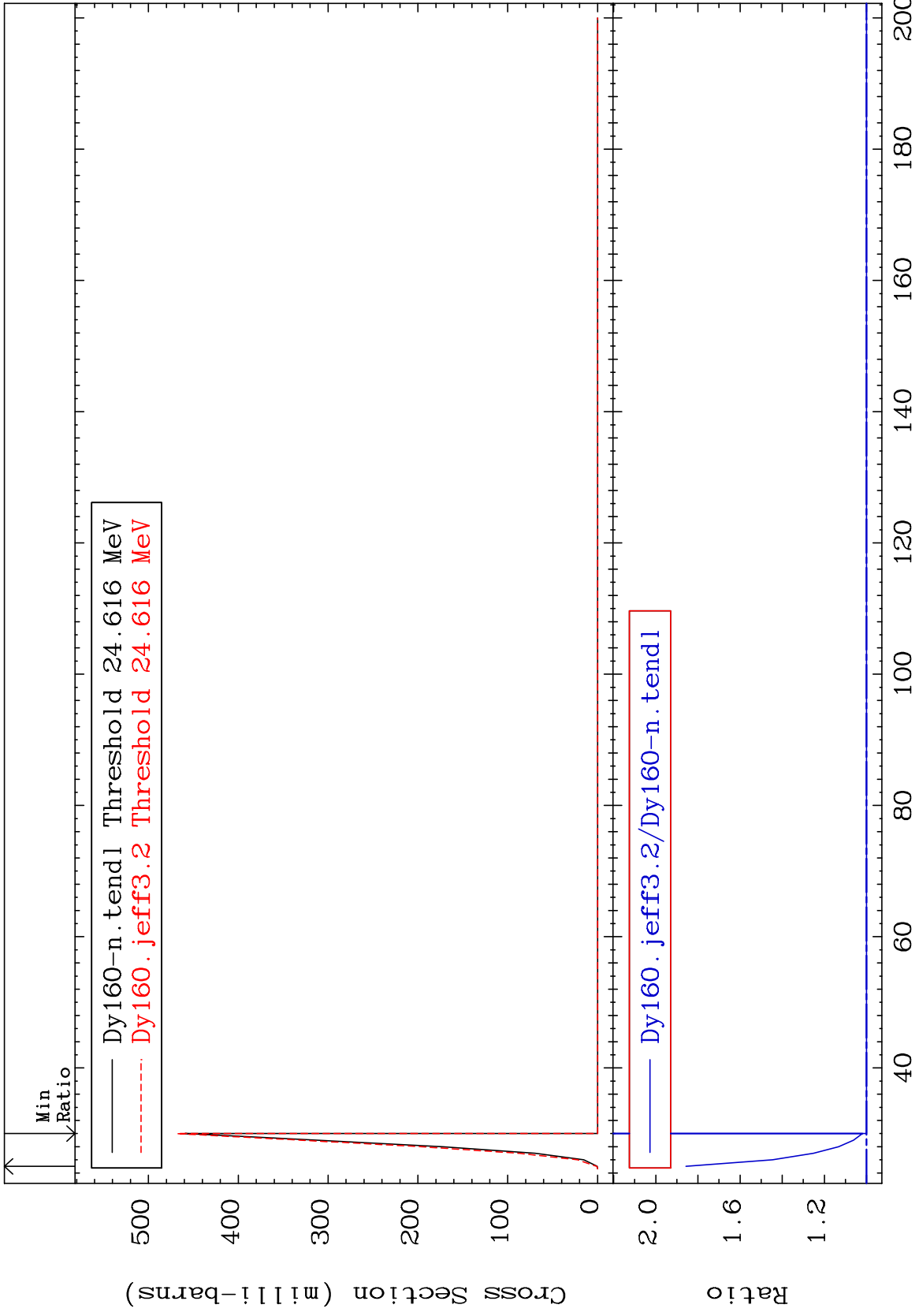
66-Dy-160  
-24.83 To 2.925 %



MAT 6637

(n,4n)  
Cross Section

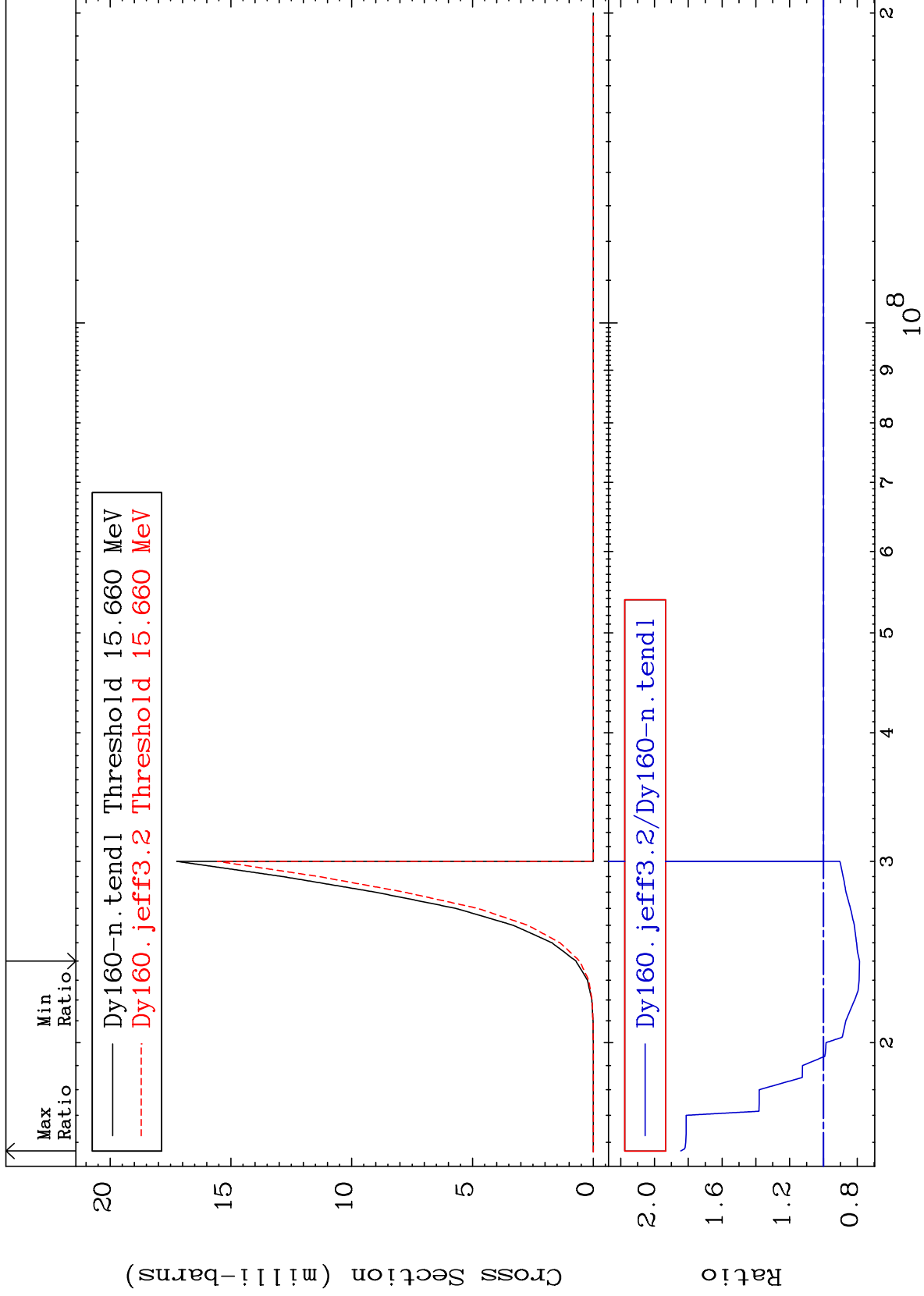
66-Dy-160  
0.000 To 85.67 %



MAT 6637

(n,2n) p  
Cross Section

66-Dy-160  
-21.34 To 84.46 %

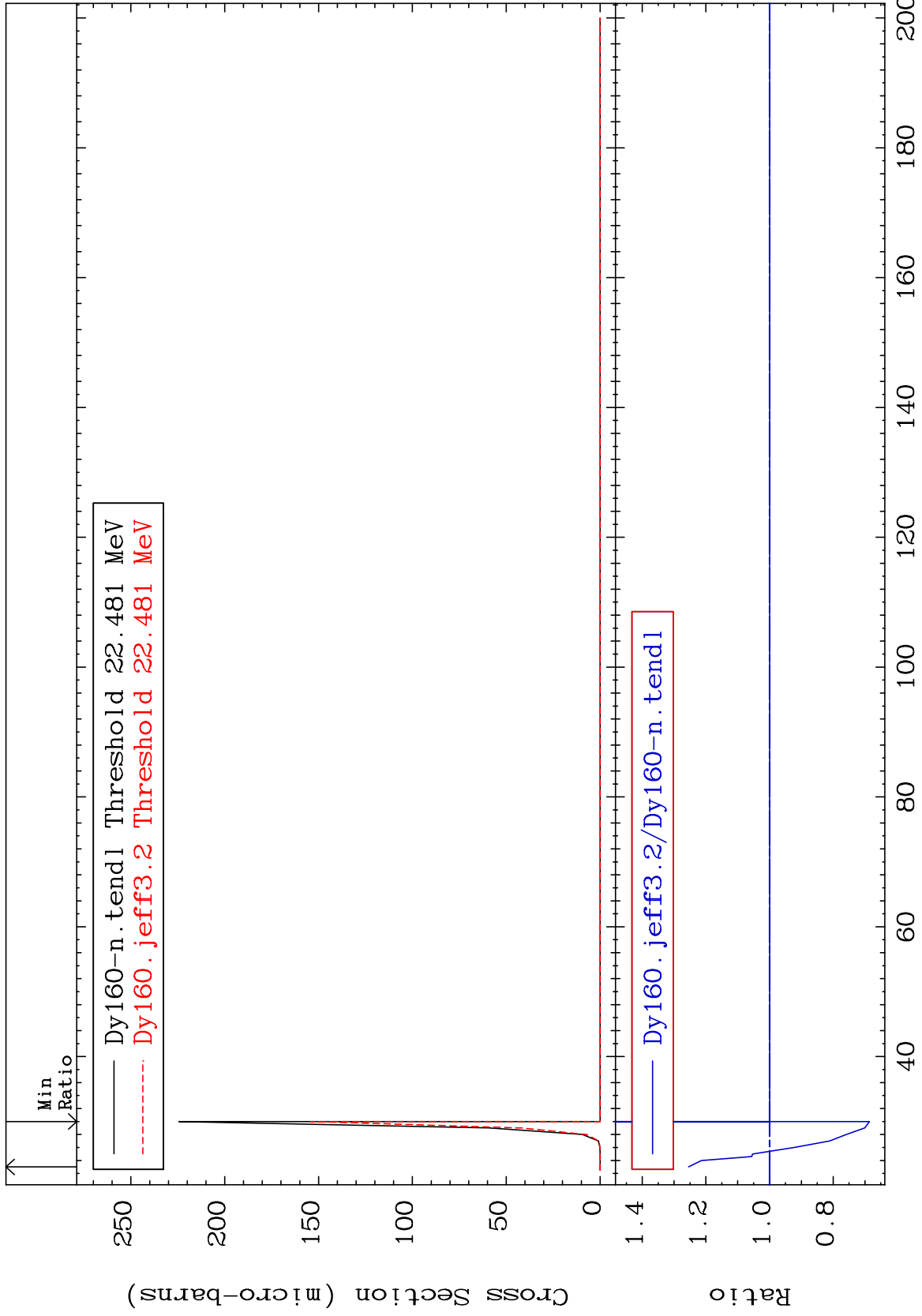




MAT 6637

(n,3n) p  
Cross Section

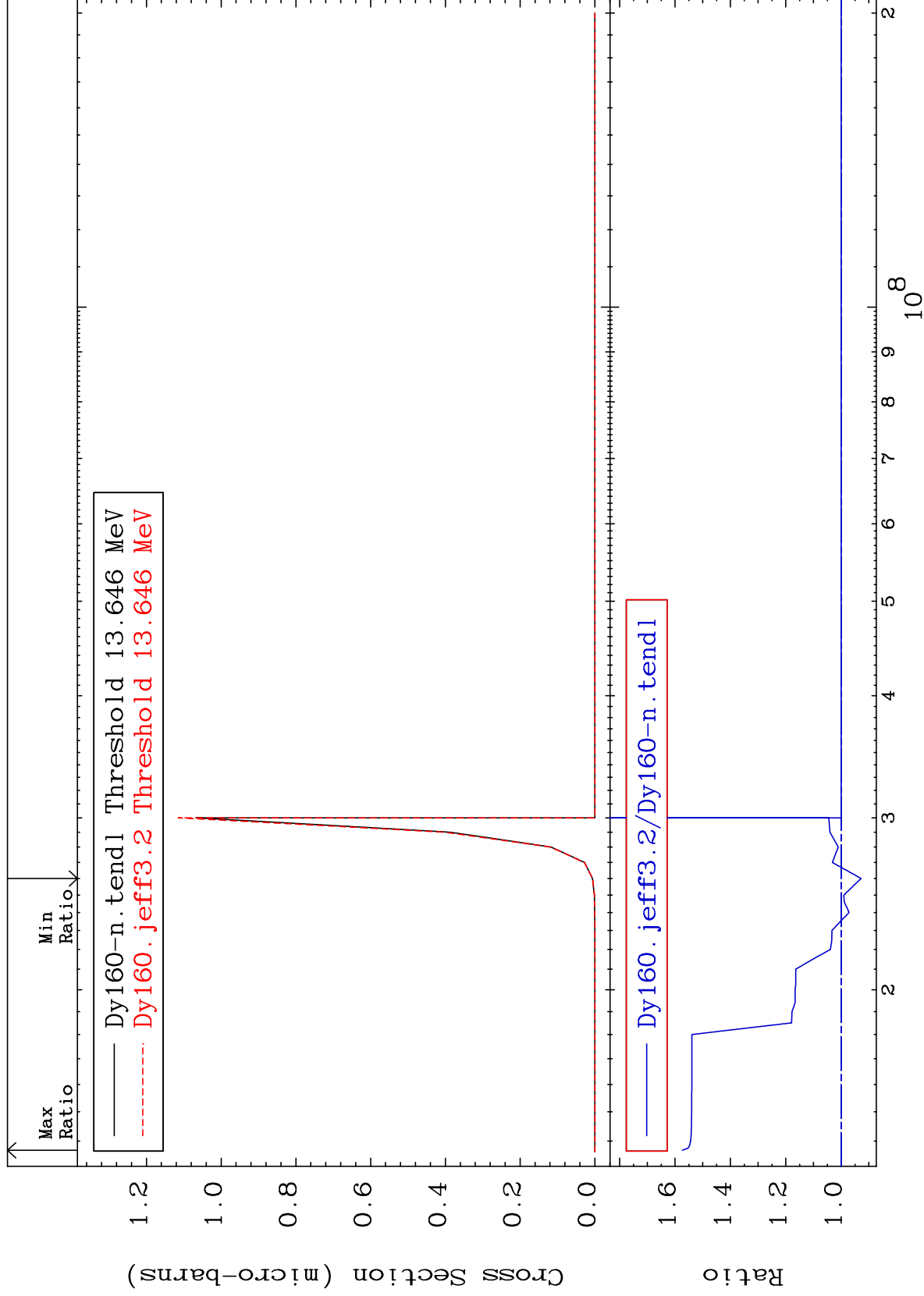
66-Dy-160  
-31.41 To 25.44 %



MAT 6637

(n,2n) p  
Cross Section

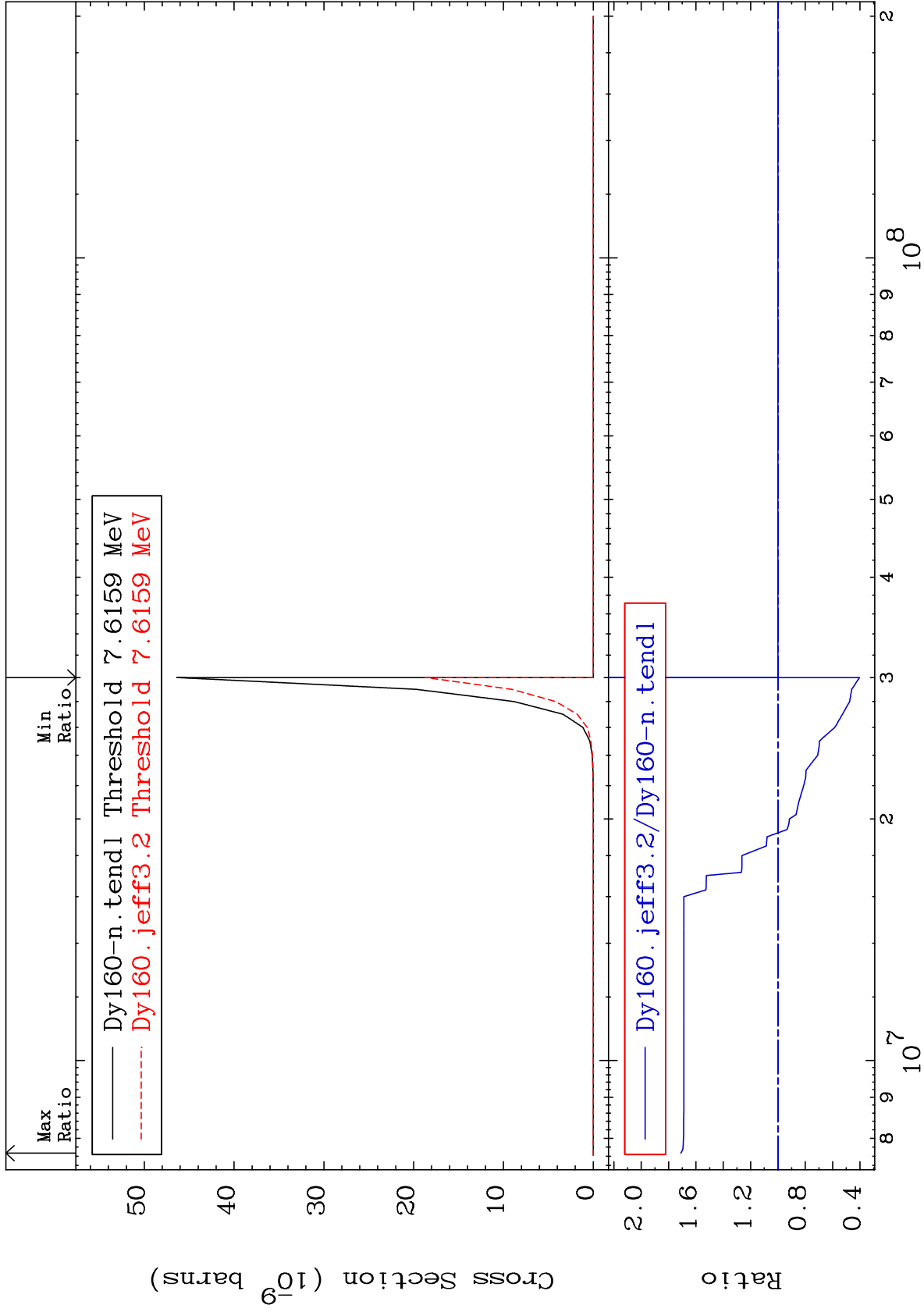
66-Dy-160  
-7.216 To 57.36 %



MAT 6637

(n,n') p α  
Cross Section

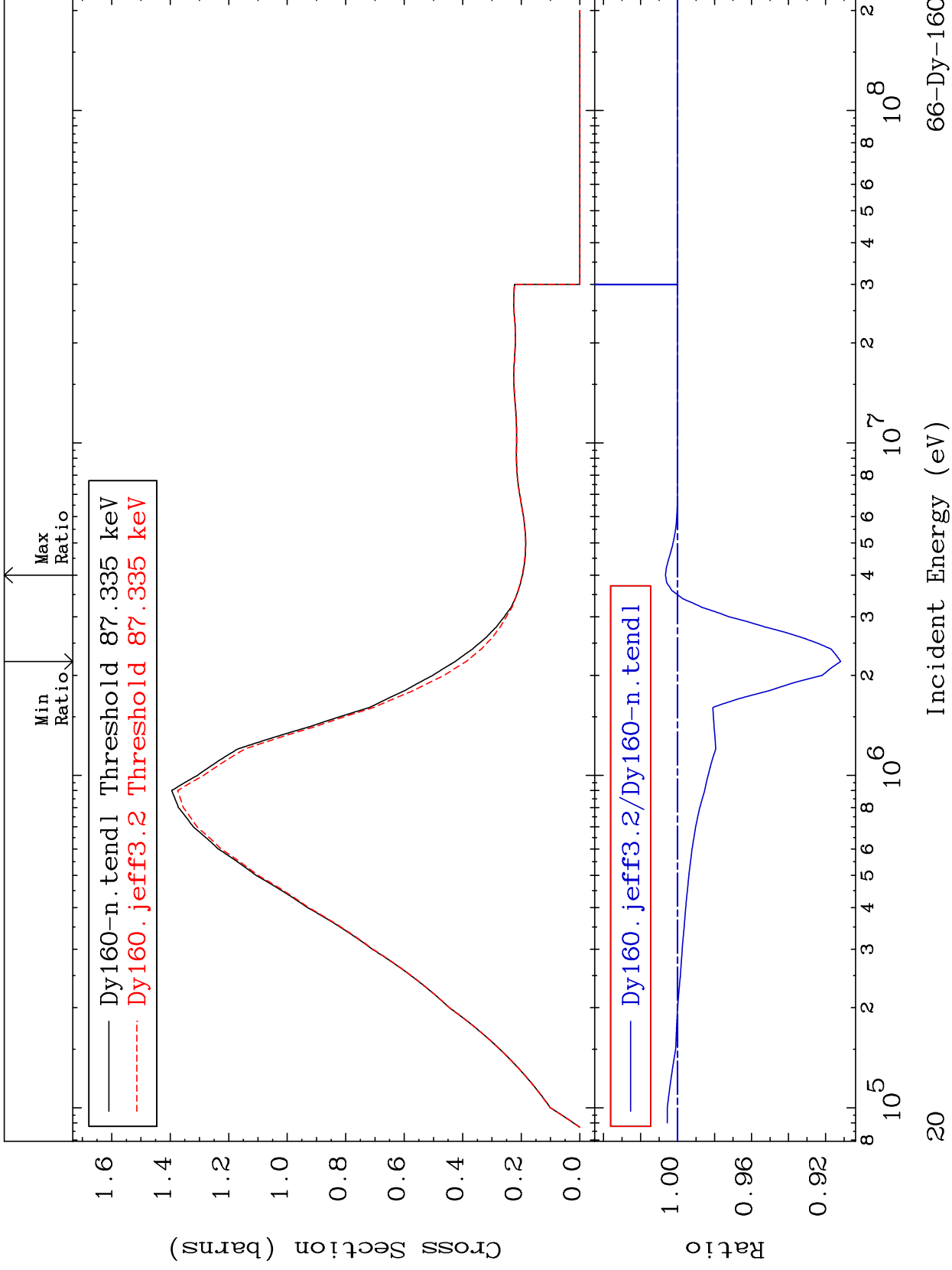
66-Dy-160  
-59.69 To 71.10 %



MAT 6637

86.79 keV (n,n') Level  
Cross Section

66-Dy-160  
-8.817 To 0.651 %



20

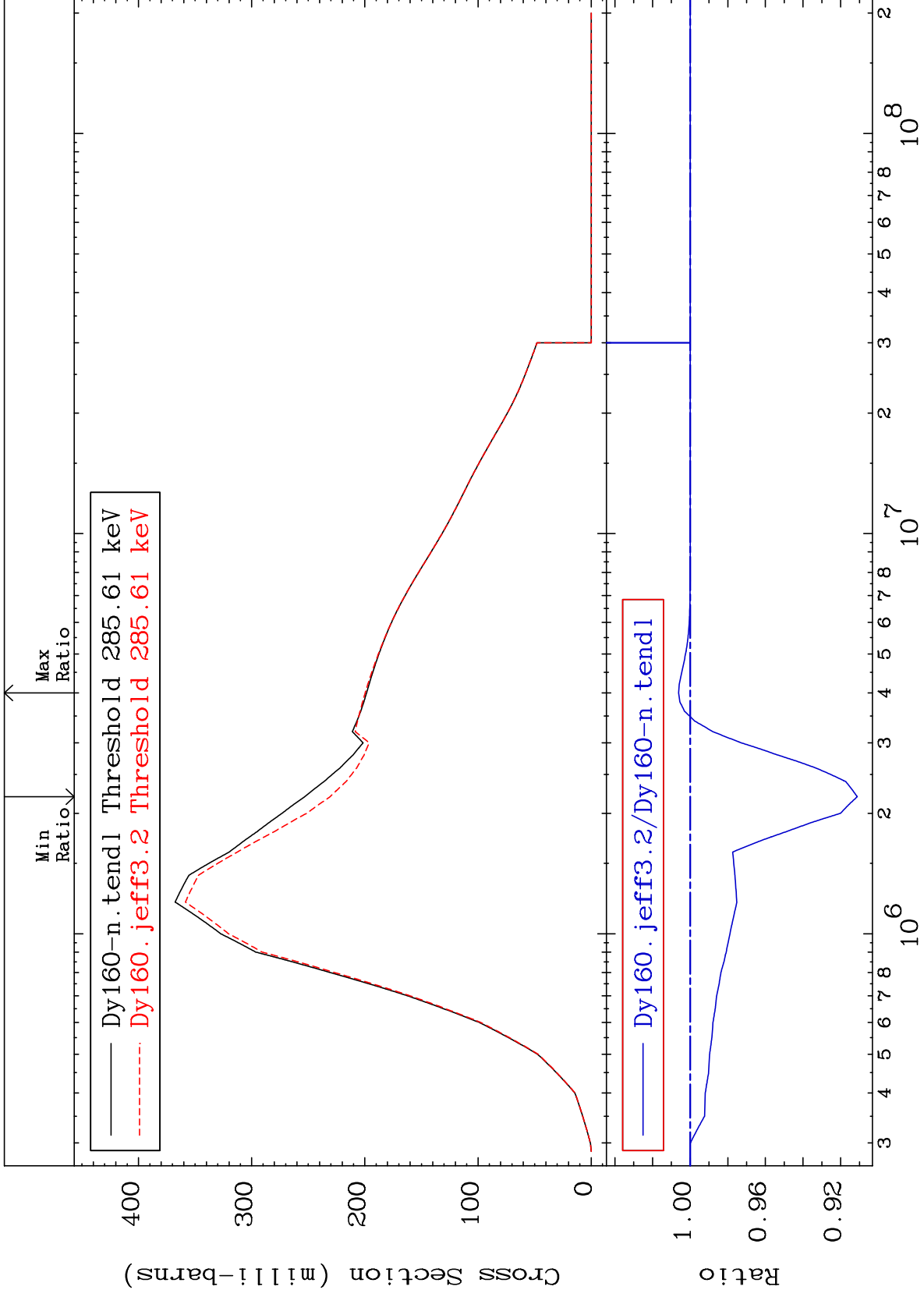
Incident Energy (eV)

66-Dy-160

MAT 6637

283.8 keV (n,n') Level  
Cross Section

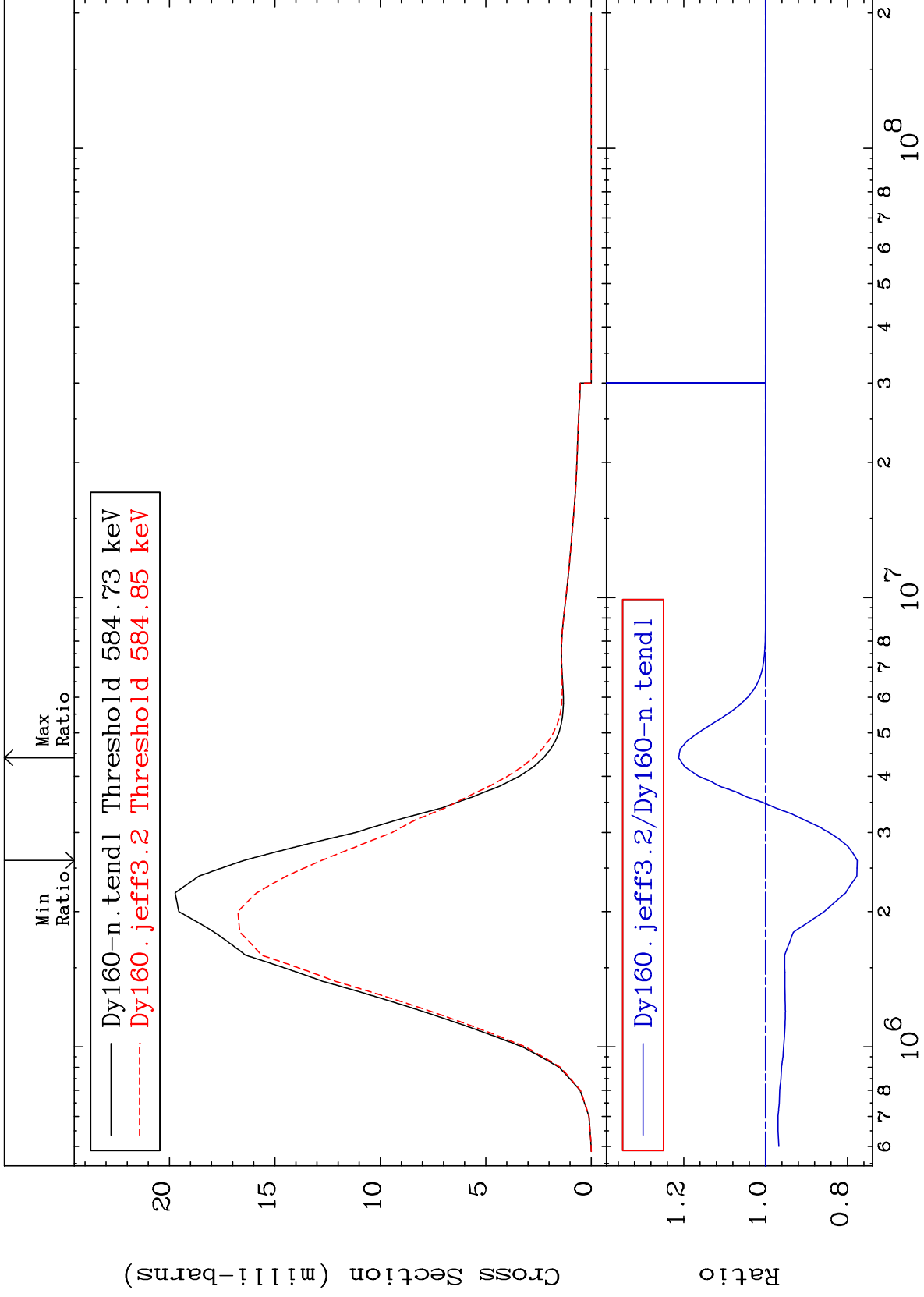
66-Dy-160  
-8.883 To 0.614 %



MAT 6637

581.1 keV (n,n') Level  
Cross Section

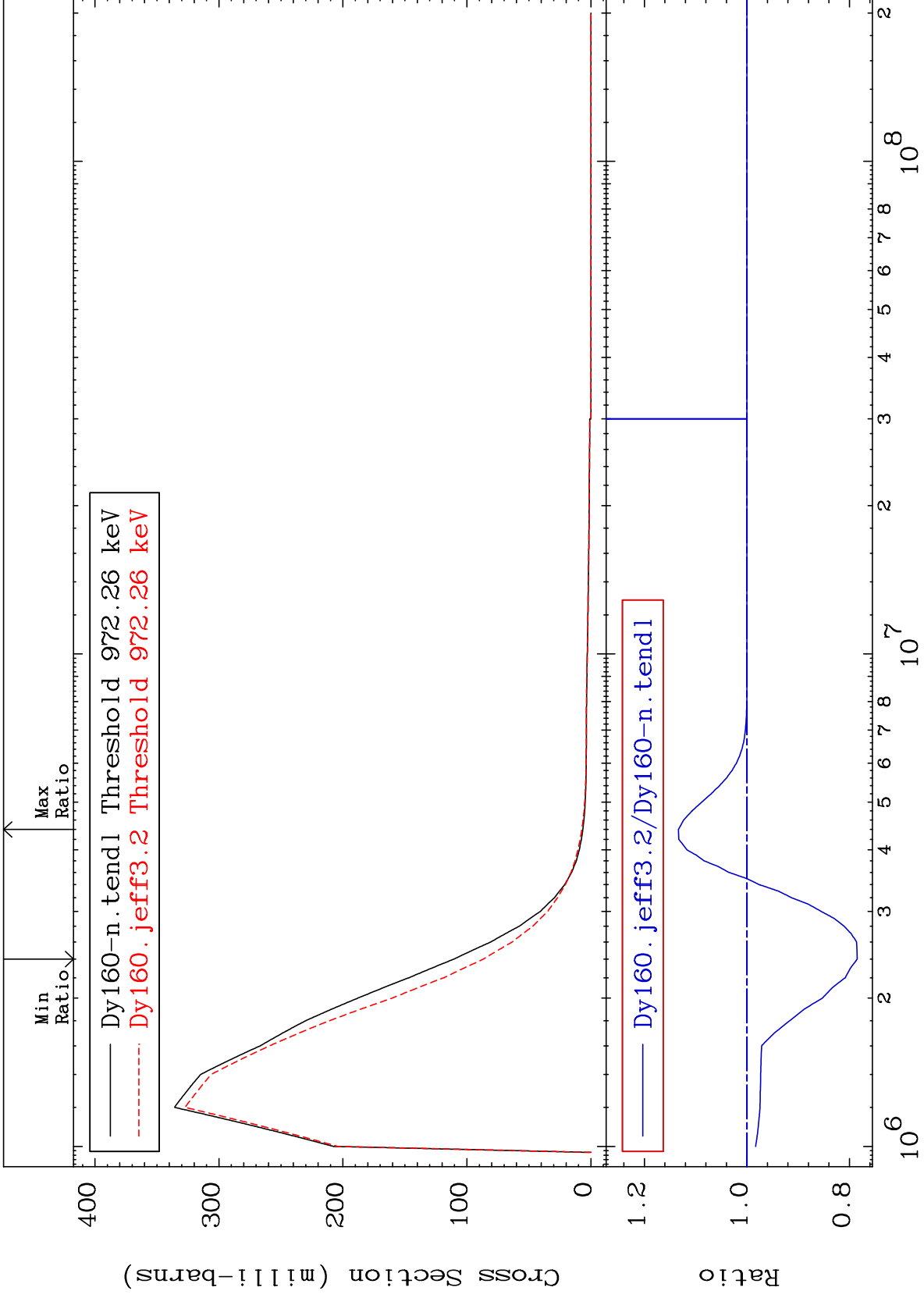
66-Dy-160  
-22.39 To 21.24 %



MAT 6637

966.2 keV (n,n') Level  
Cross Section

66-Dy-160  
-21.52 To 13.37 %



23

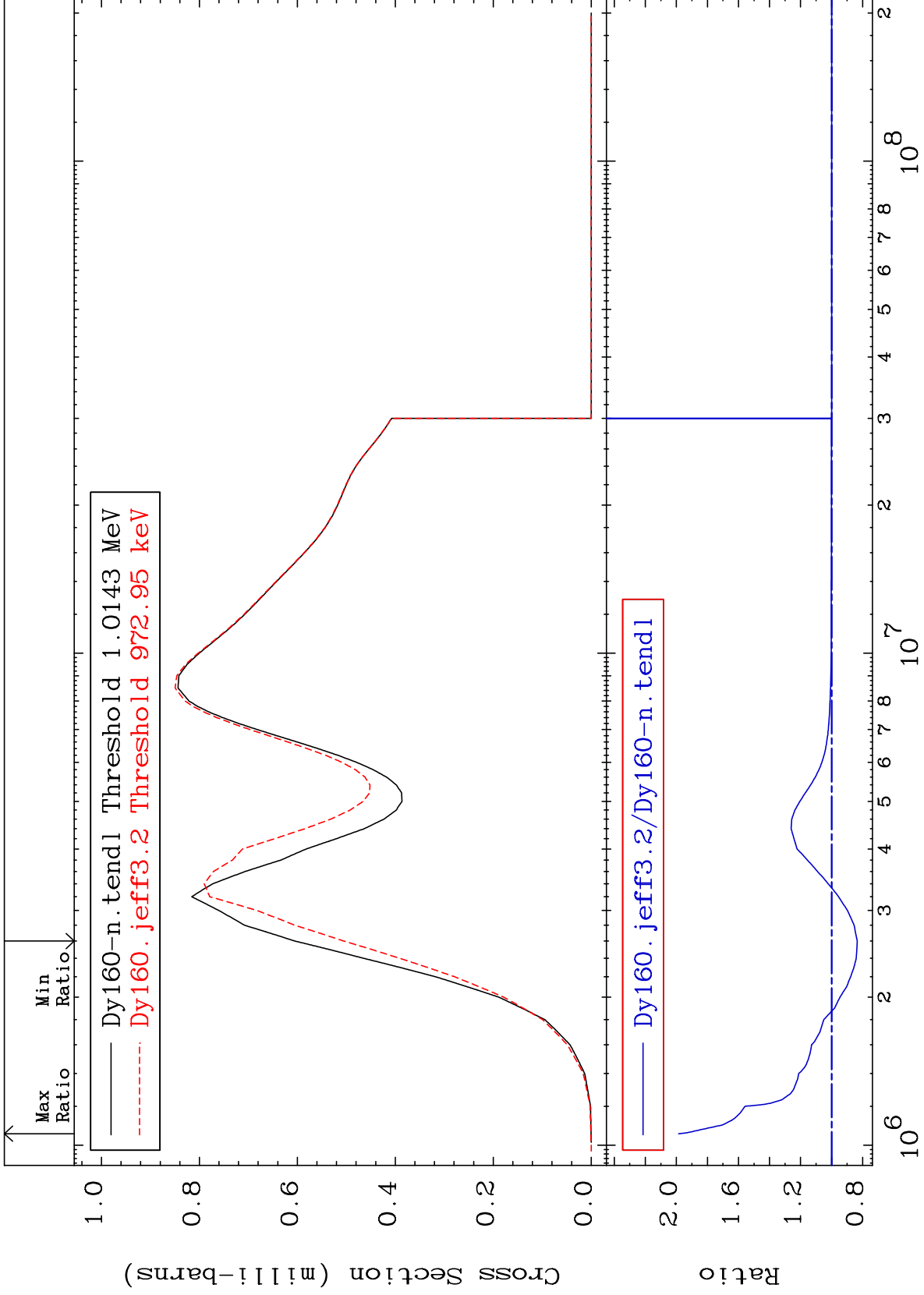
Incident Energy (eV)

66-Dy-160

MAT 6637

1.008 MeV (n,n') Level  
Cross Section

66-Dy-160  
-16.50 To 98.53 %

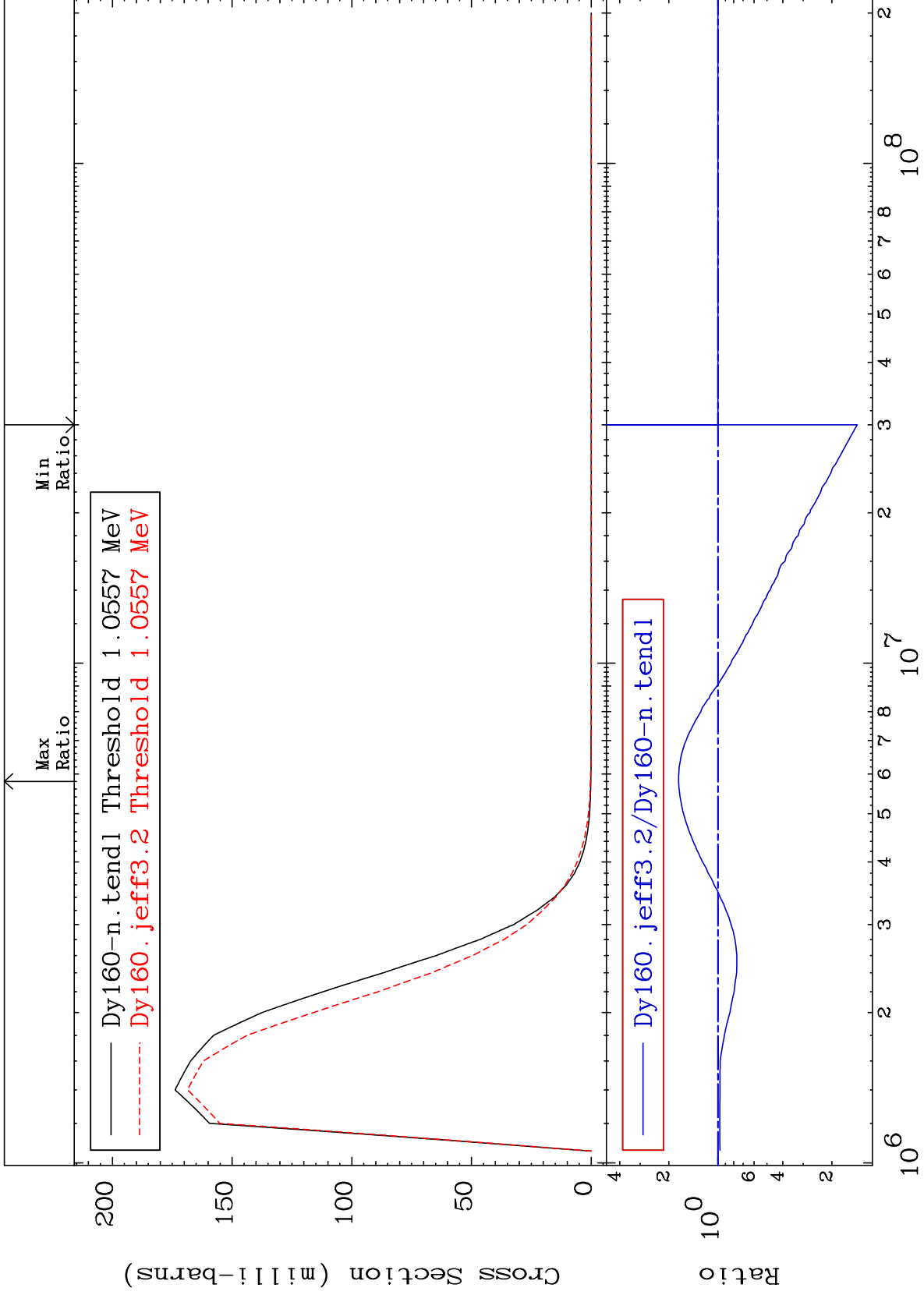




MAT 6637

1.049 MeV (n,n') Level  
Cross Section

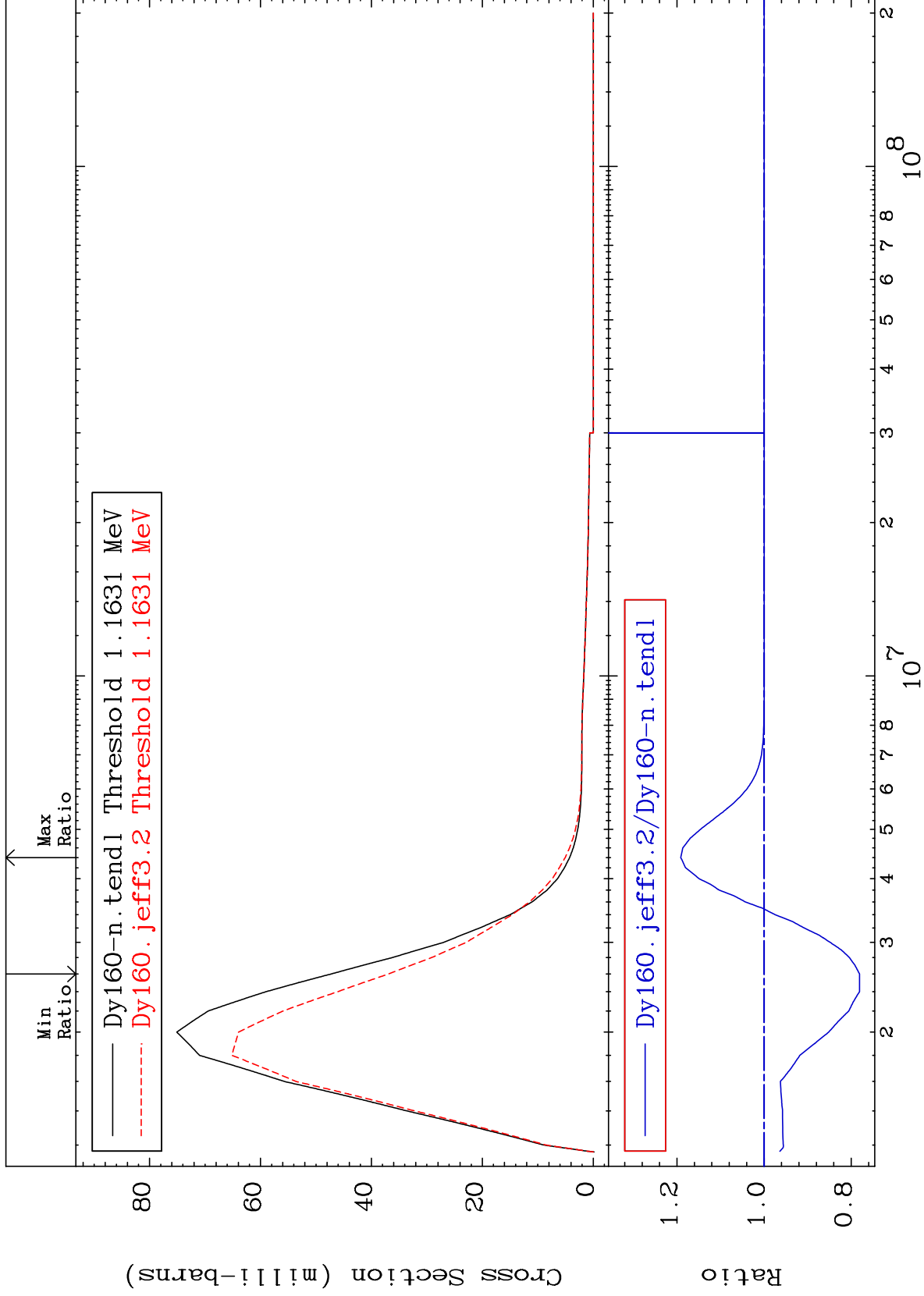
66-Dy-160  
-86.03 To 73.91 %



MAT 6637

1.156 MeV (n,n') Level  
Cross Section

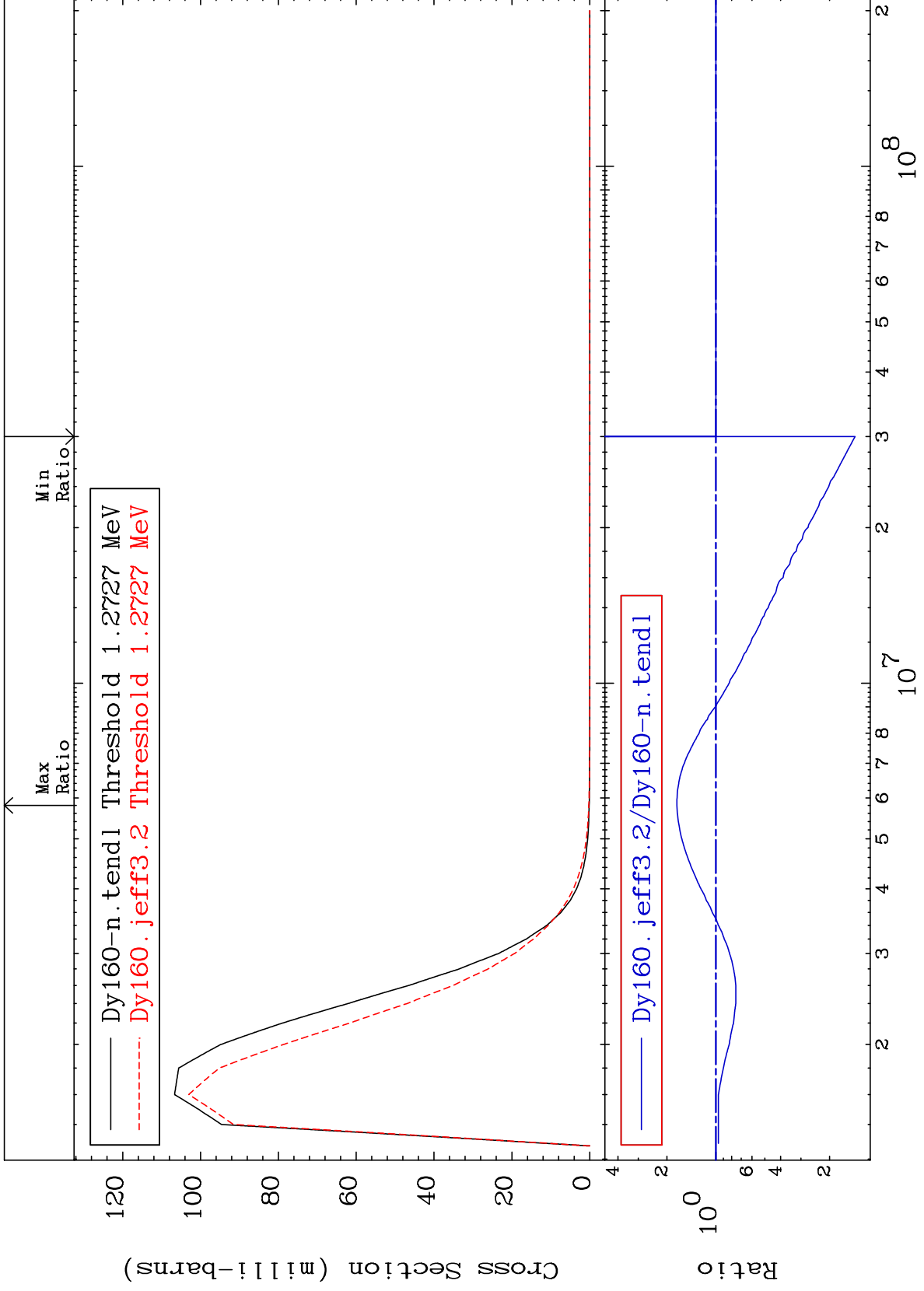
66-Dy-160  
-21.91 To 19.13 %



MAT 6637

1.265 MeV (n,n') Level  
Cross Section

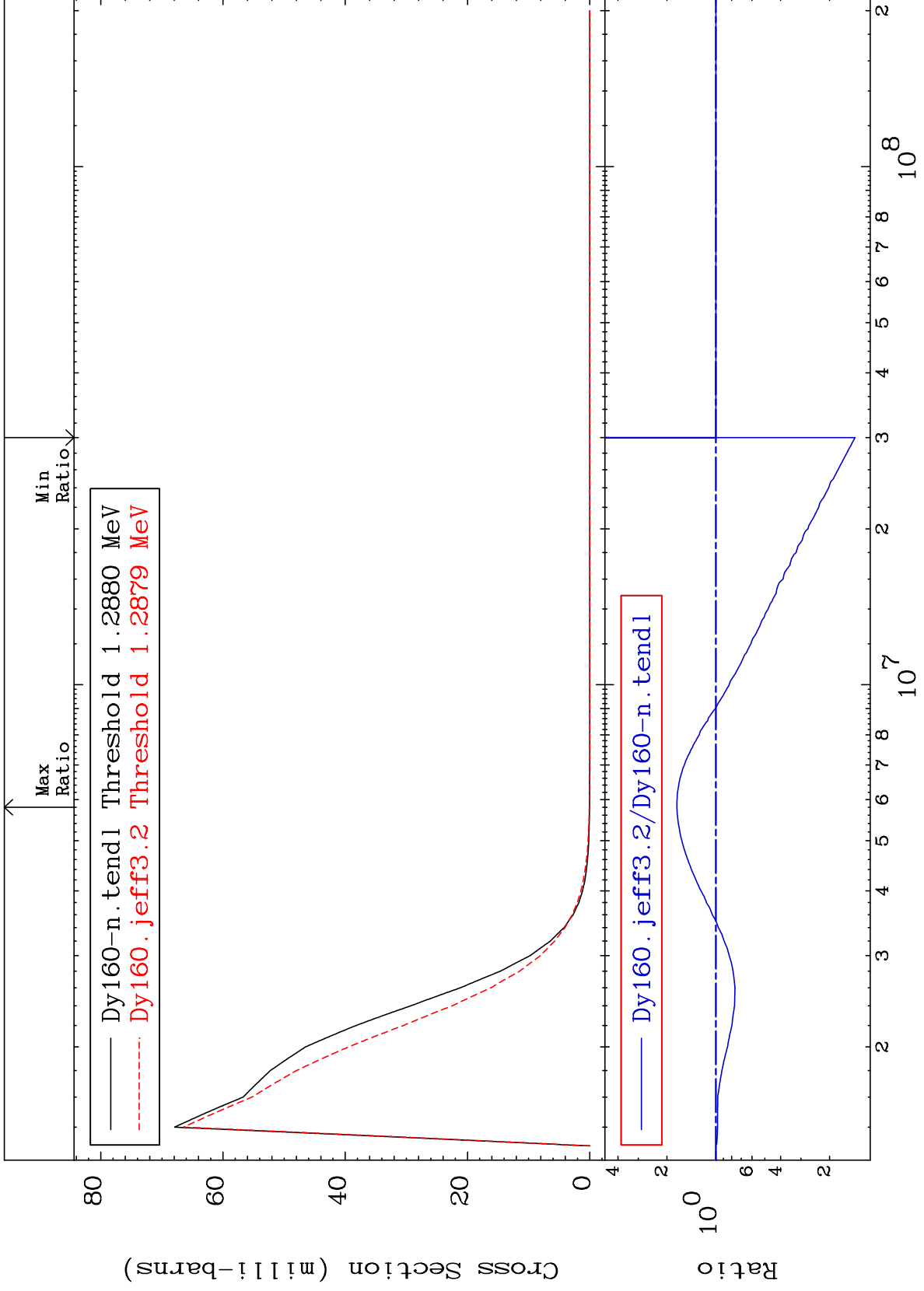
66-Dy-160  
-86.04 To 73.78 %



MAT 6637

1.280 MeV (n,n') Level  
Cross Section

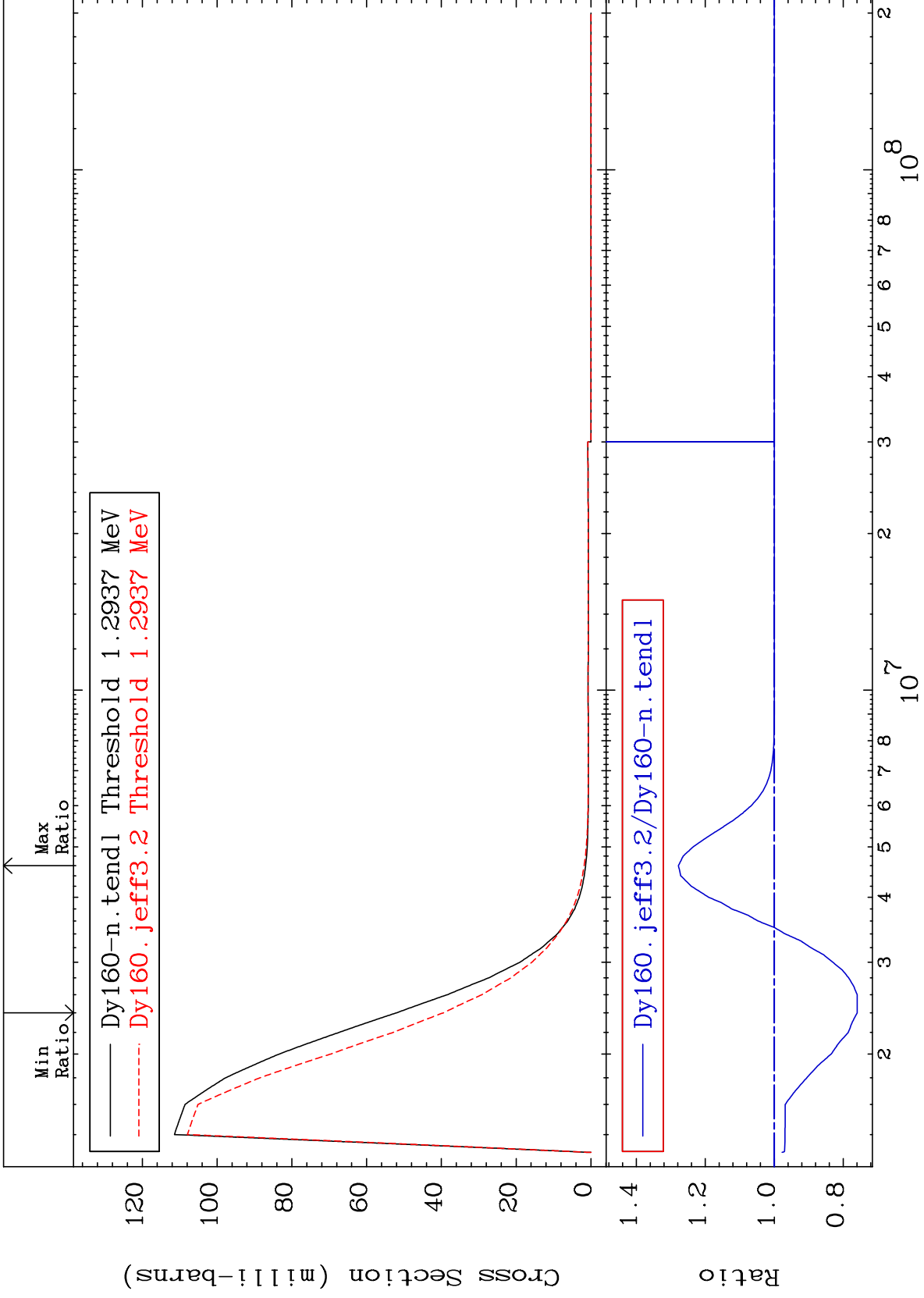
66-Dy-160  
-86.05 To 73.64 %



MAT 6637

1.286 MeV (n,n') Level  
Cross Section

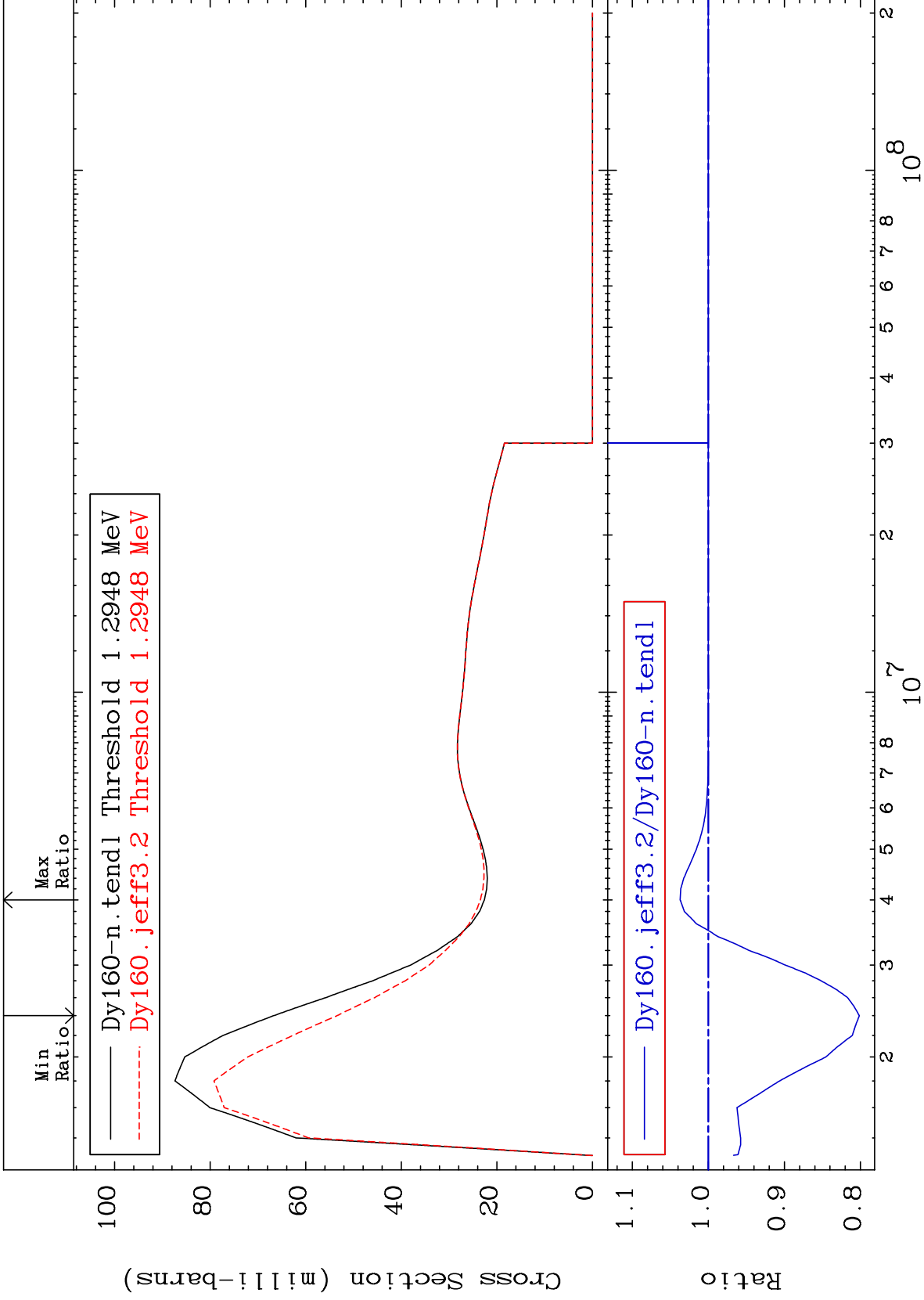
66-Dy-160  
-24.07 To 27.80 %



MAT 6637

1.287 MeV (n,n') Level  
Cross Section

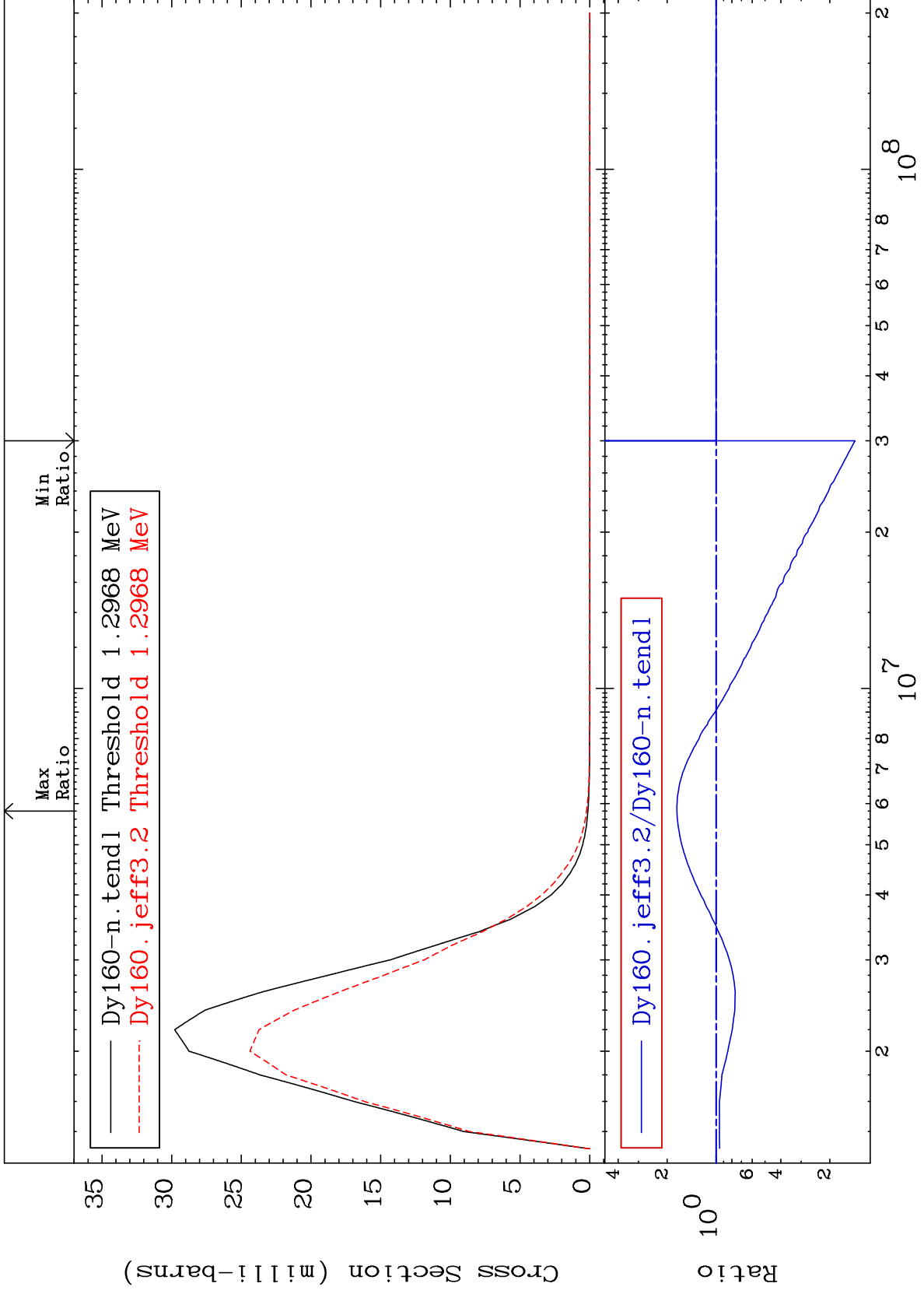
66-Dy-160  
-19.86 To 3.713 %



MAT 6637

1.289 MeV (n,n') Level  
Cross Section

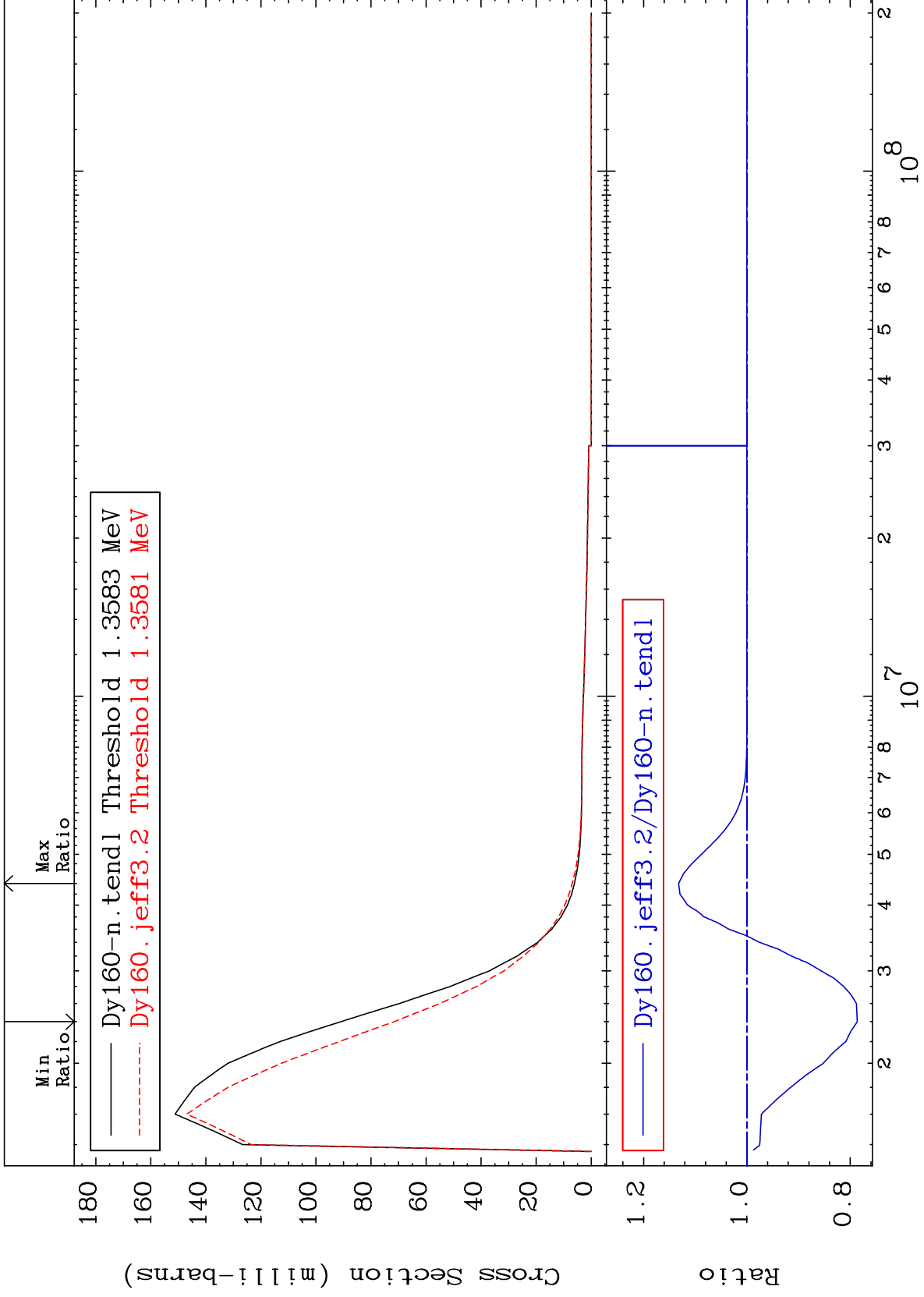
66-Dy-160  
-86.01 To 74.29 %



MAT 6637

1.350 MeV (n,n') Level  
Cross Section

66-Dy-160  
-21.35 To 13.21 %

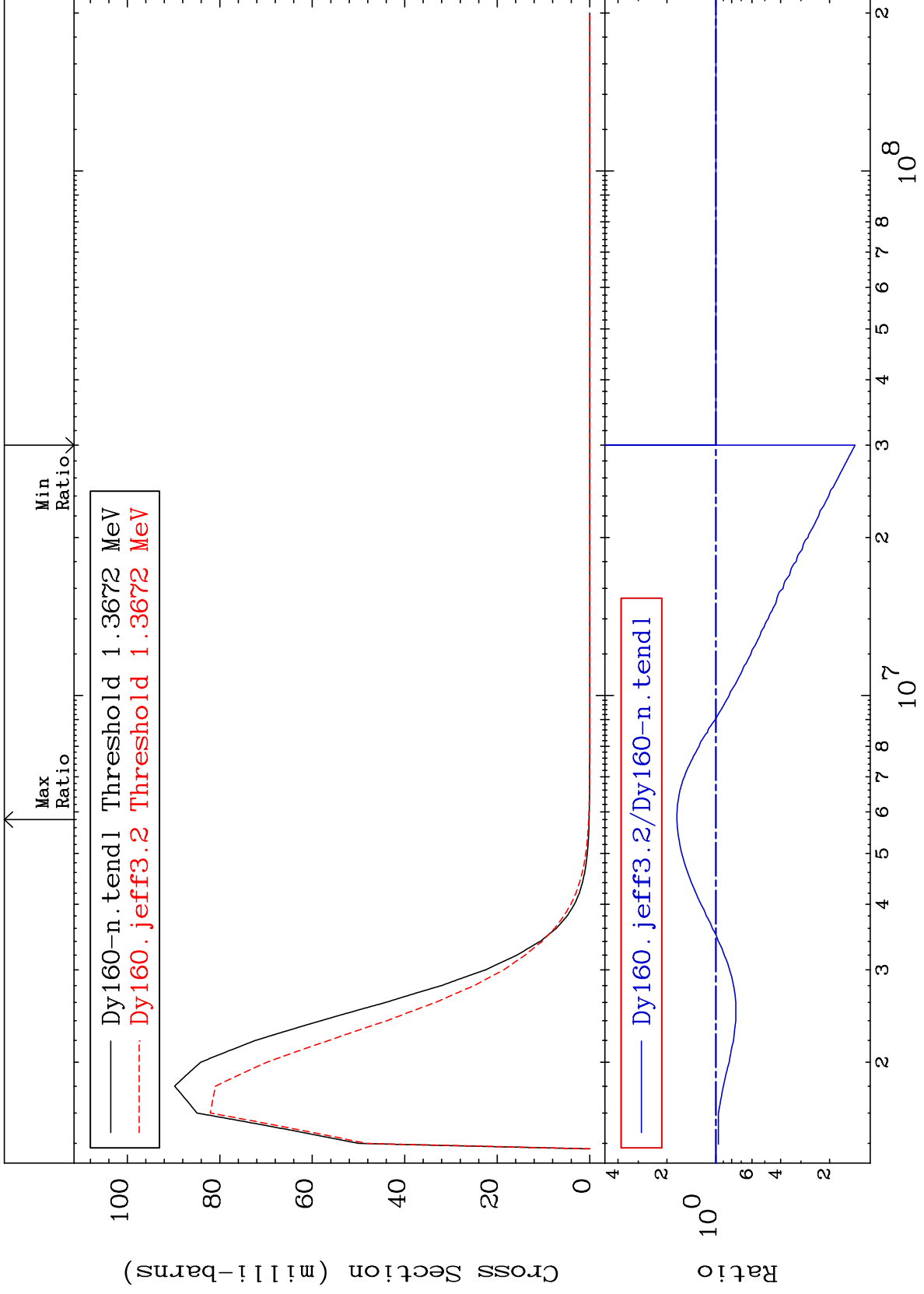




MAT 6637

1.359 MeV (n,n') Level  
Cross Section

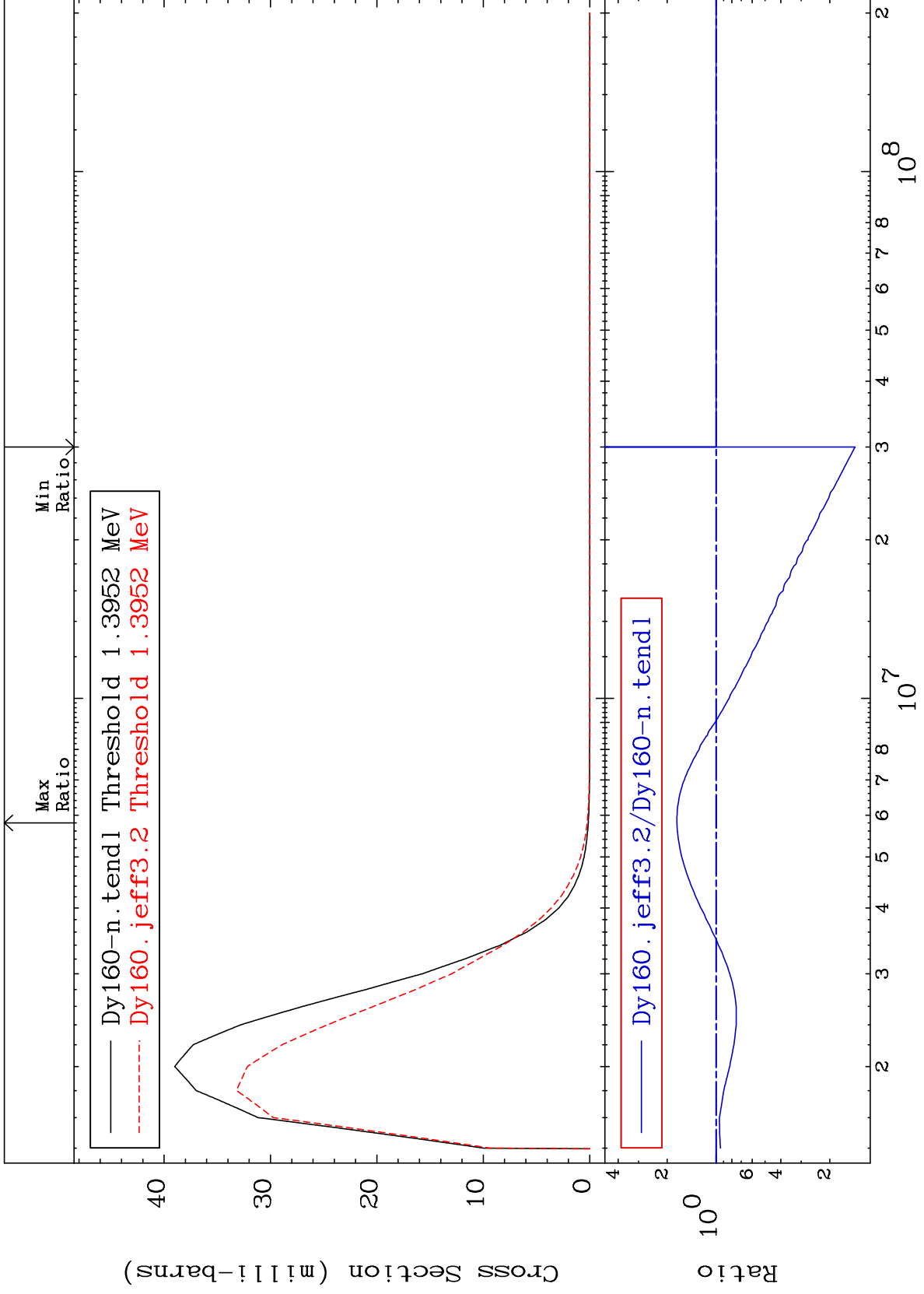
66-Dy-160  
-86.04 To 73.77 %



MAT 6637

1.386 MeV (n,n') Level  
Cross Section

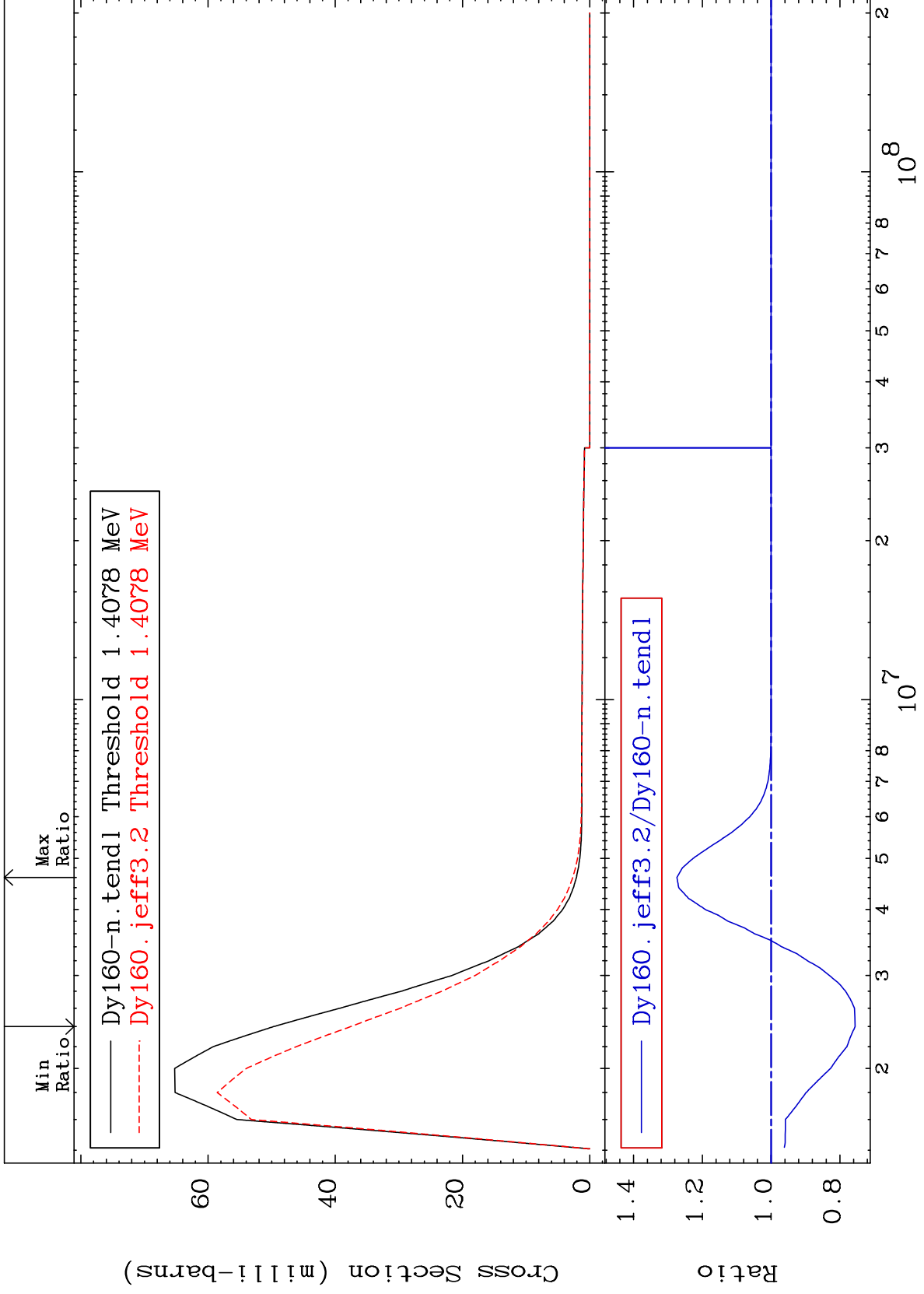
66-Dy-160  
-86.02 To 74.12 %

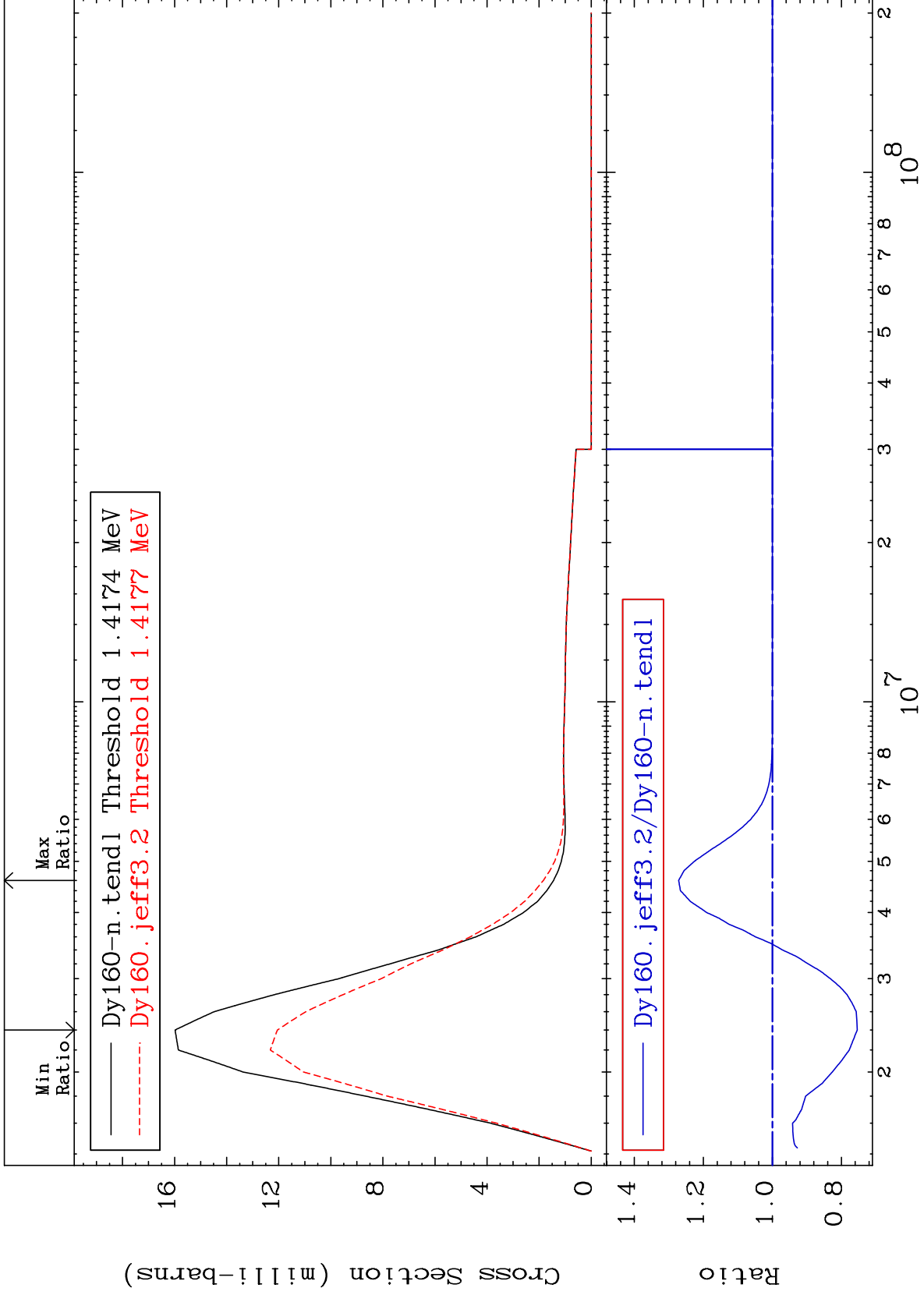


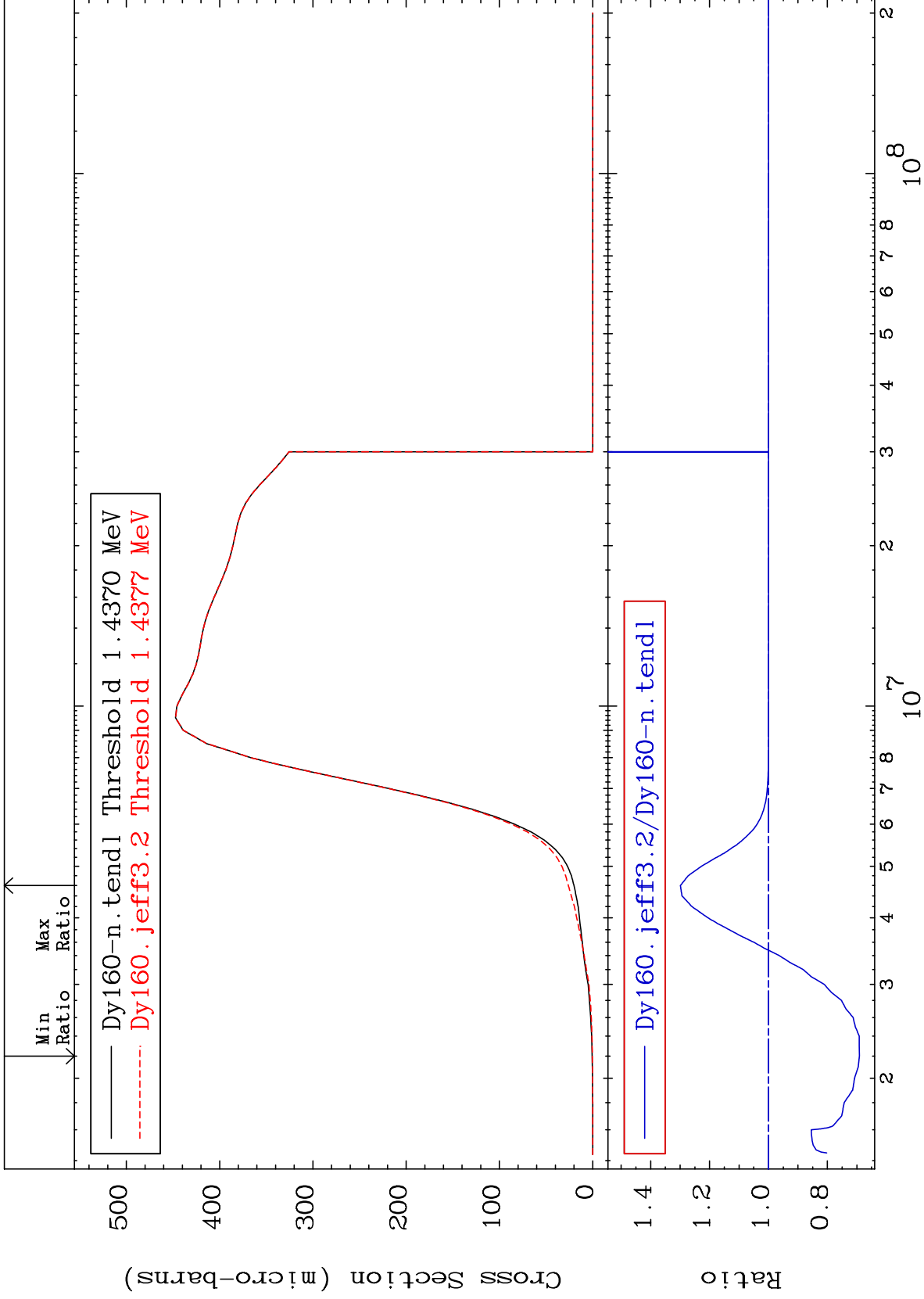
MAT 6637

1.399 MeV (n,n') Level  
Cross Section

66-Dy-160  
-24.41 To 27.40 %



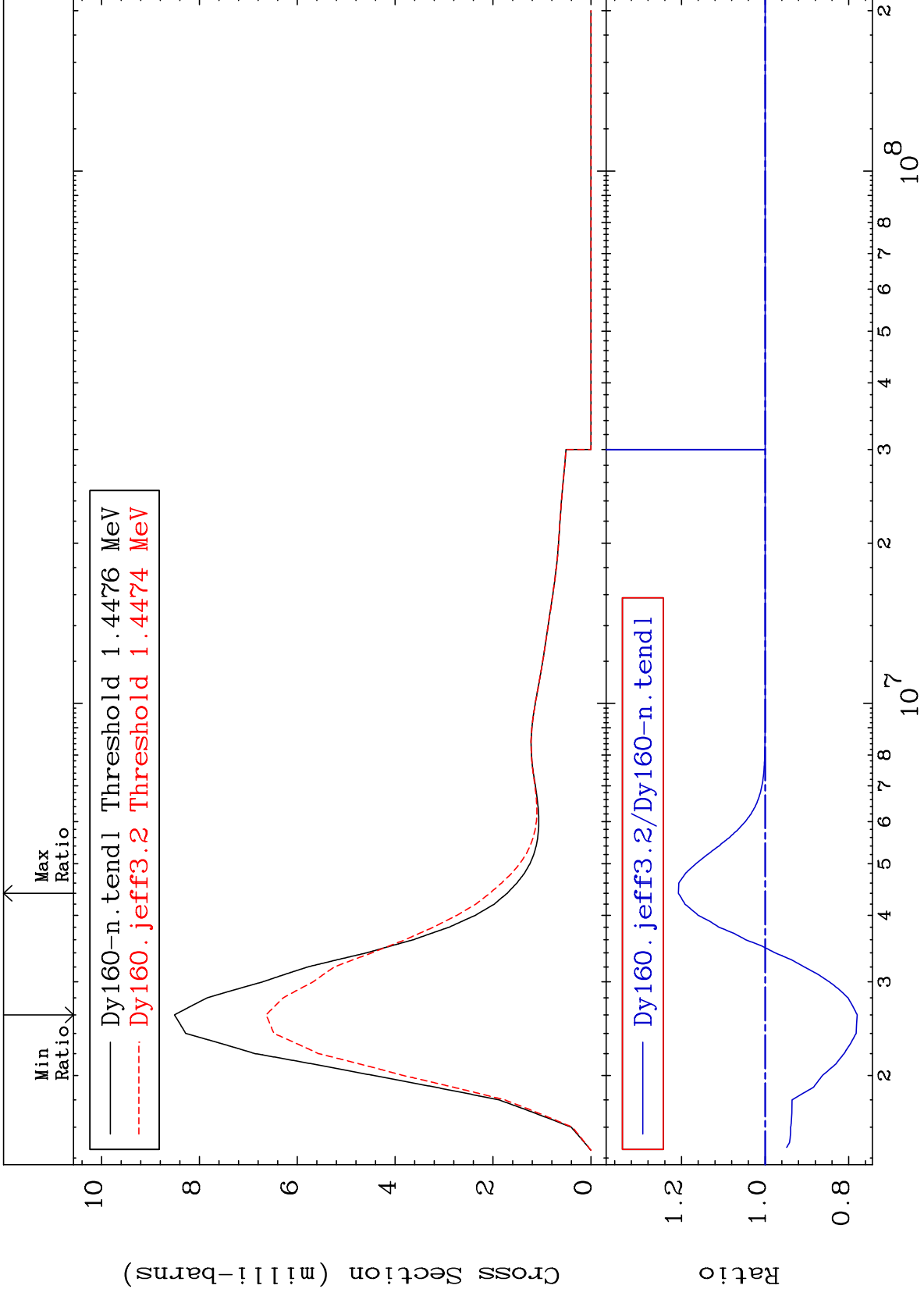




MAT 6637

1.439 MeV (n,n') Level  
Cross Section

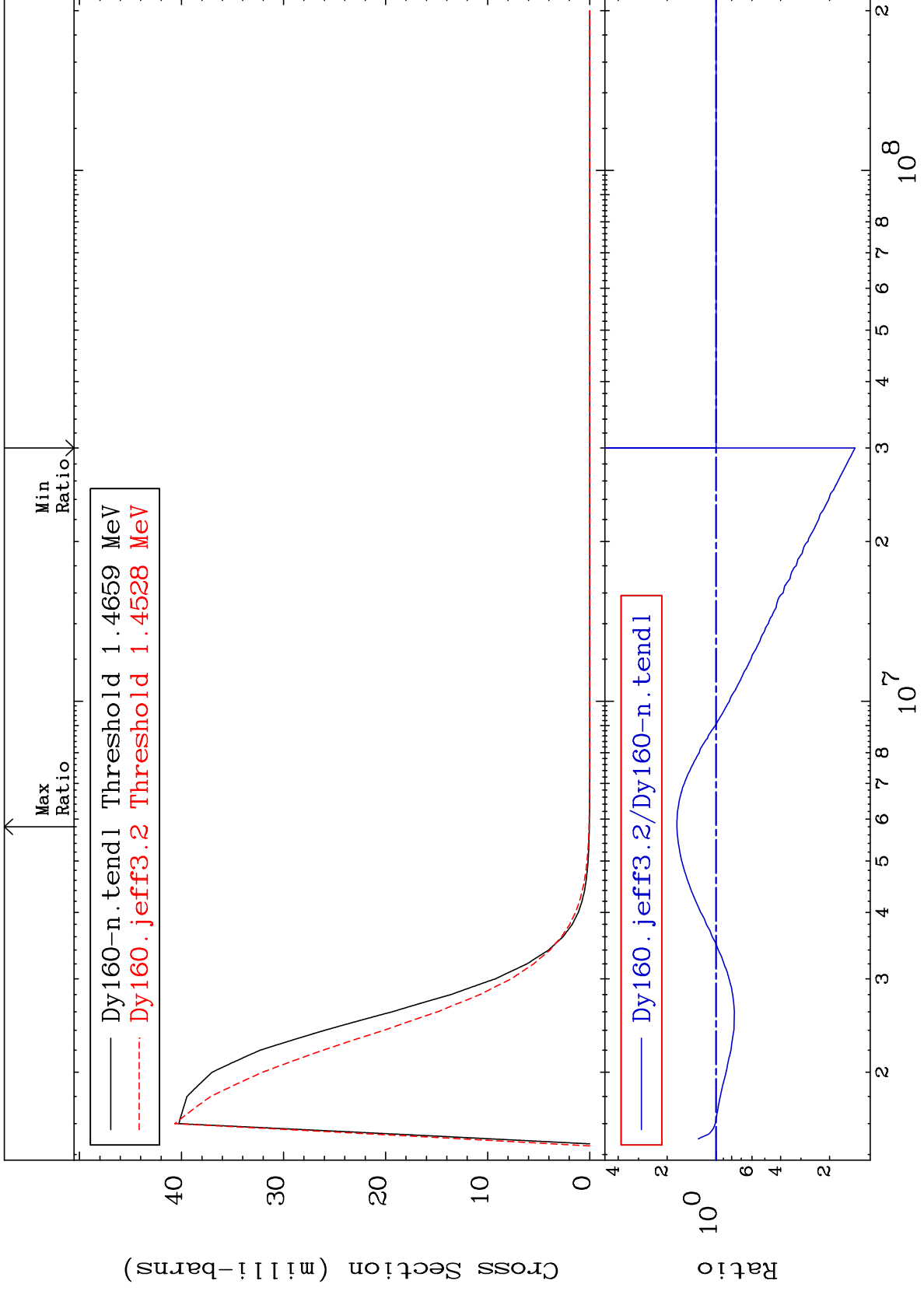
66-Dy-160  
-22.02 To 20.74 %



MAT 6637

1.457 MeV (n,n') Level  
Cross Section

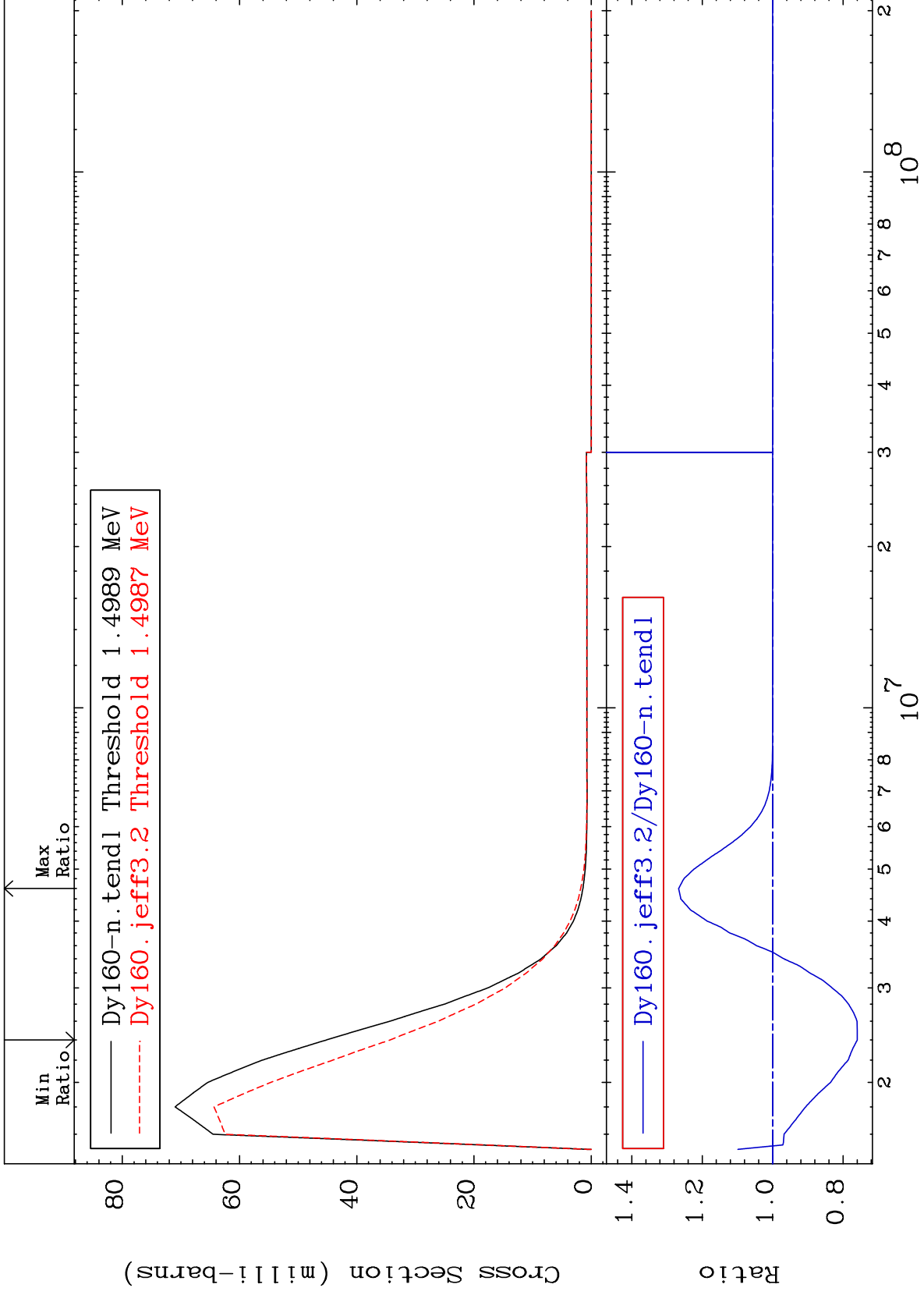
66-Dy-160  
-86.05 To 73.87 %



MAT 6637

1.489 MeV (n,n') Level  
Cross Section

66-Dy-160  
-24.02 To 26.69 %



40

Incident Energy (eV)

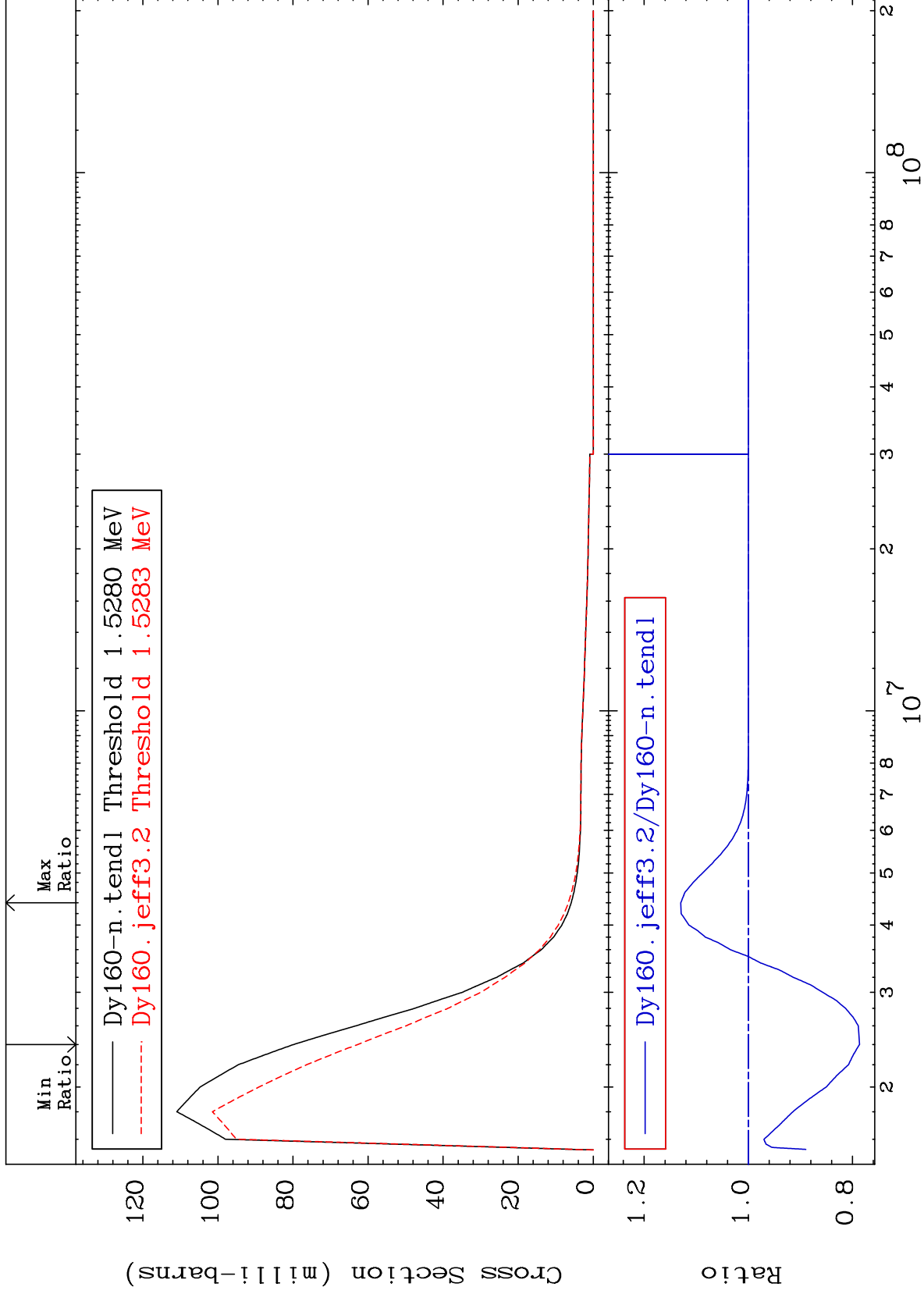
66-Dy-160



MAT 6637

1.518 MeV (n,n') Level  
Cross Section

66-Dy-160  
-21.35 To 12.97 %



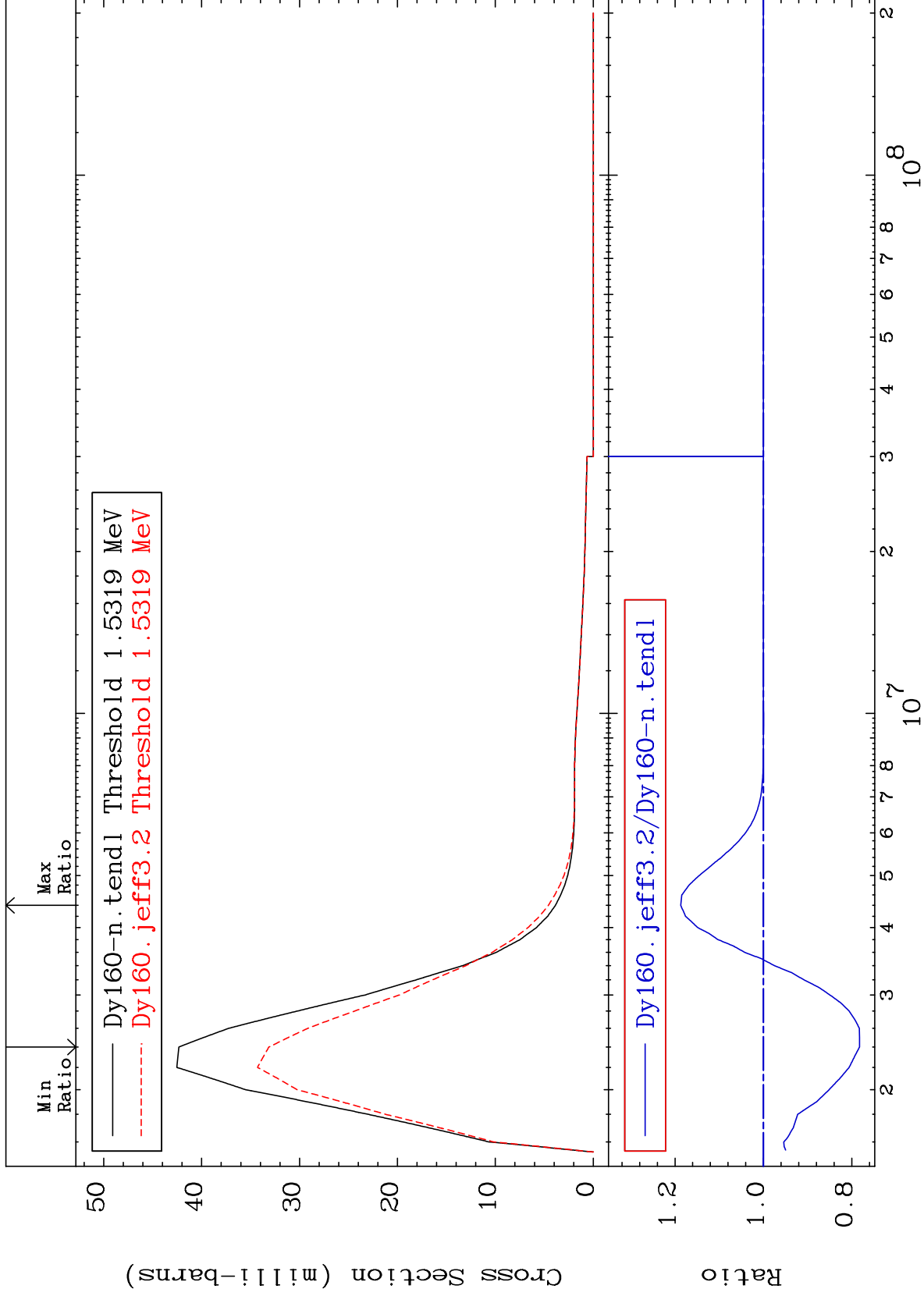
MAT 6637

1.522 MeV (n,n') Level

66-Dy-160

Cross Section

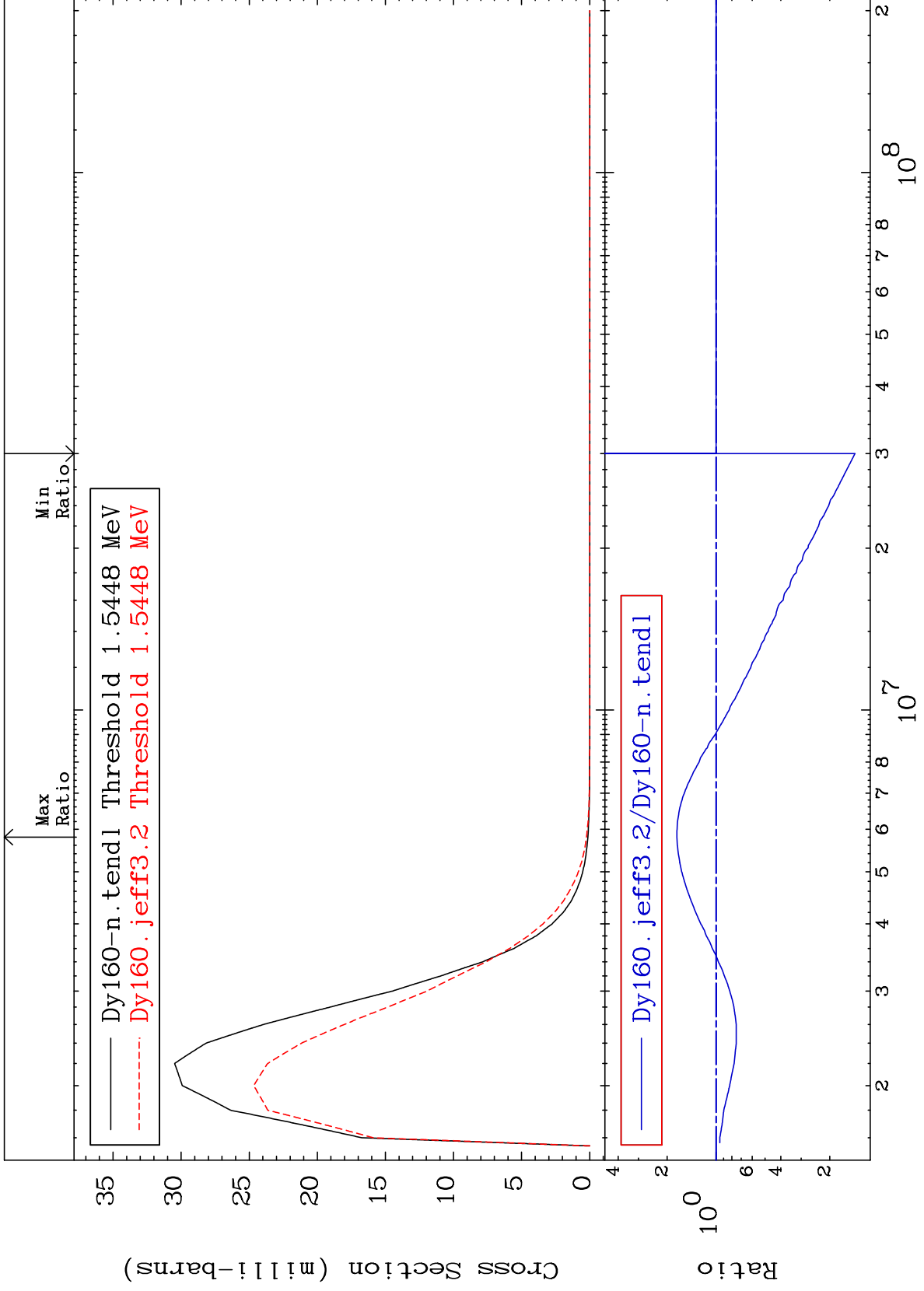
-21.73 To 18.70 %



MAT 6637

1.535 MeV (n,n') Level  
Cross Section

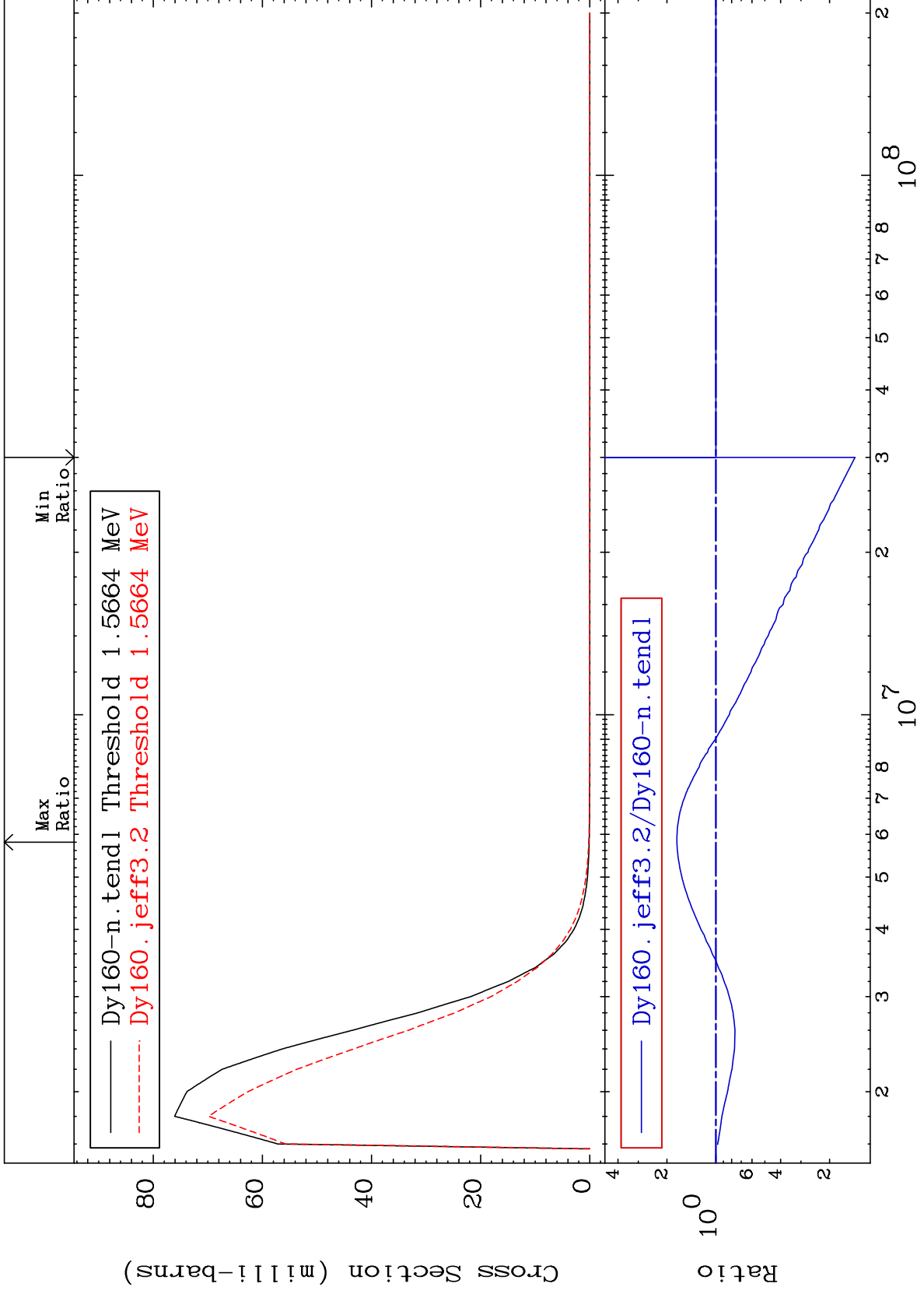
66-Dy-160  
-86.02 To 74.12 %



MAT 6637

1.557 MeV (n,n') Level  
Cross Section

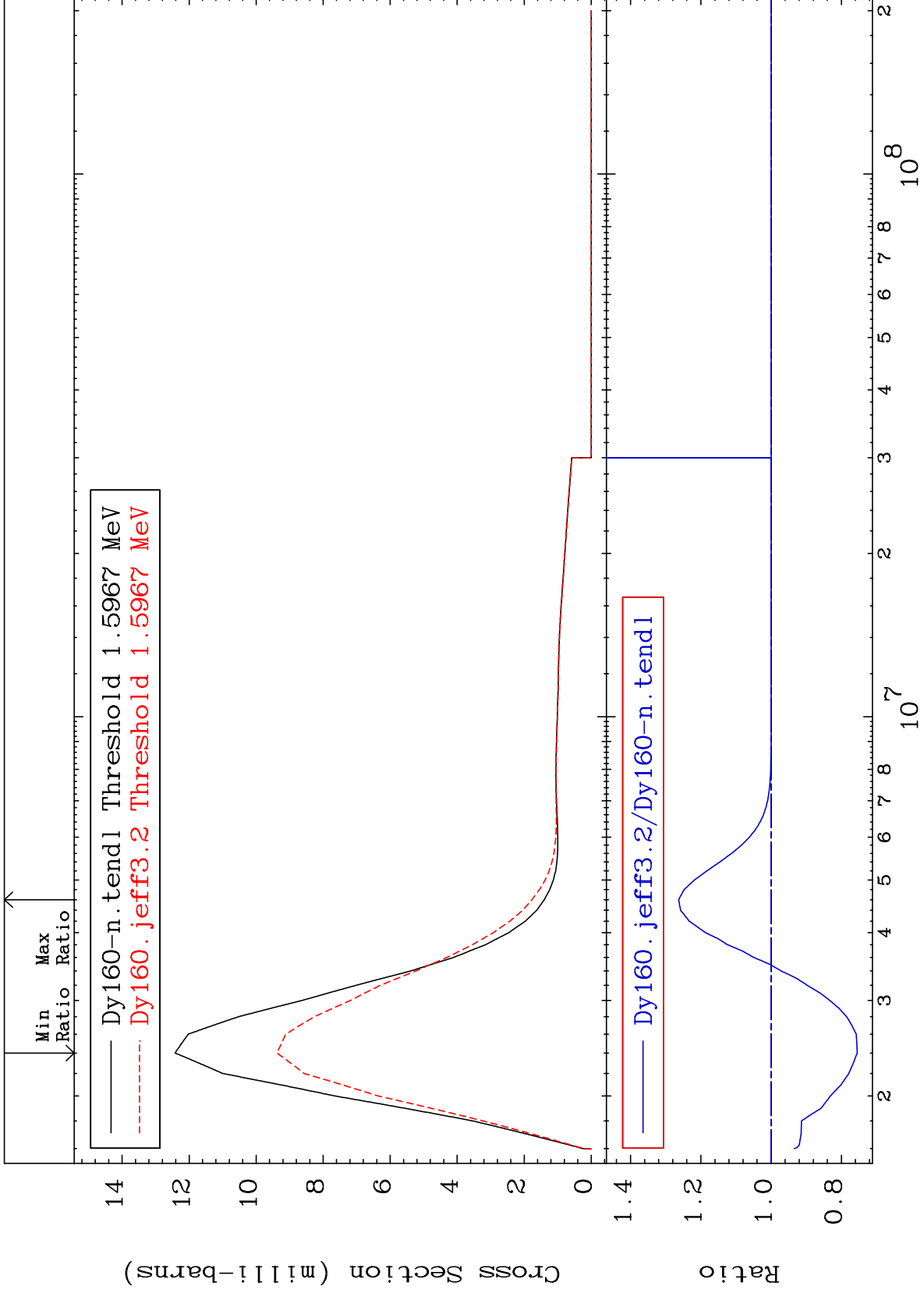
66-Dy-160  
-86.06 To 73.64 %



MAT 6637

1.587 MeV (n,n') Level  
Cross Section

66-Dy-160  
-24.51 To 26.32 %



45

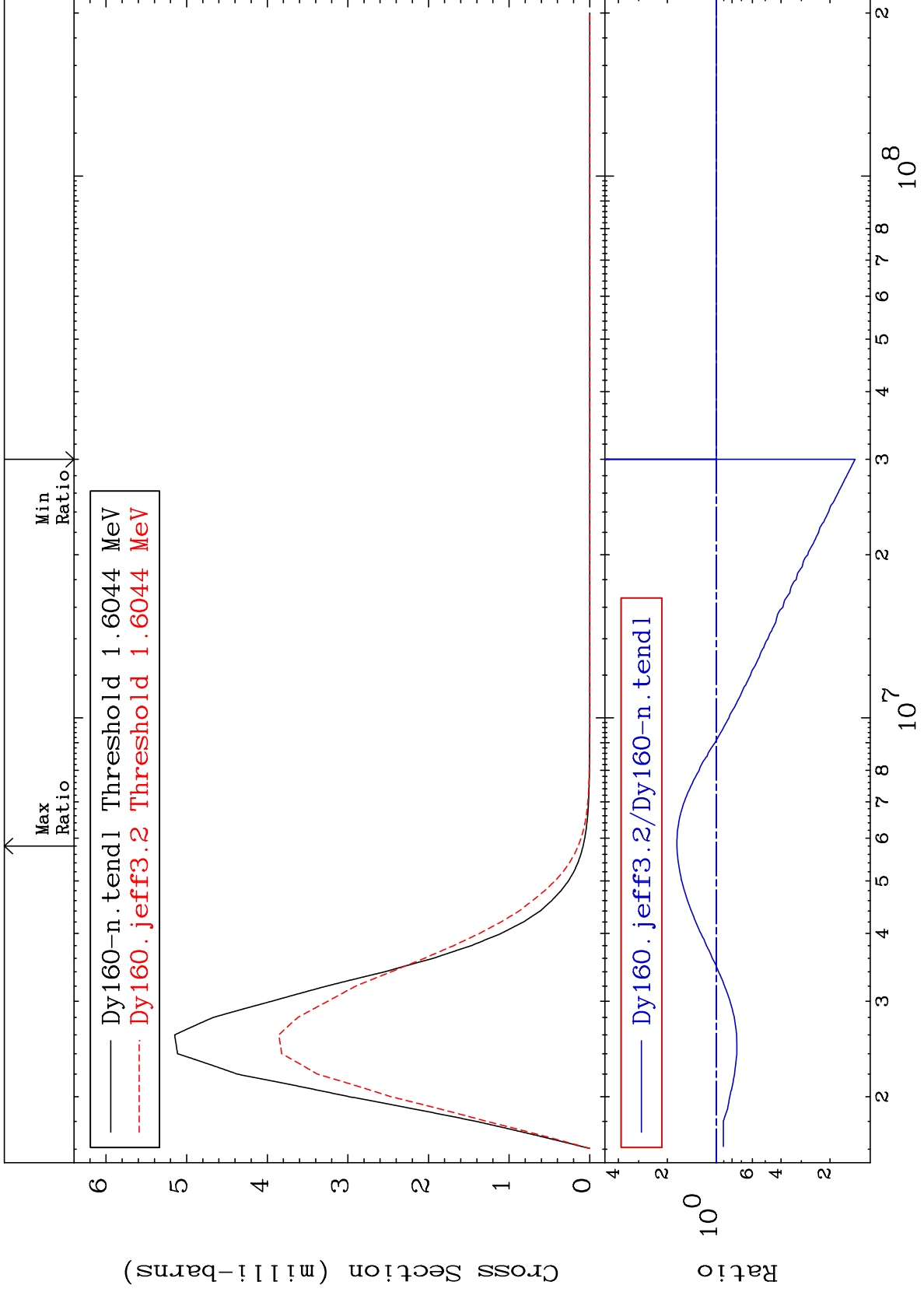
Incident Energy (eV)

66-Dy-160

MAT 6637

1.594 MeV (n,n') Level  
Cross Section

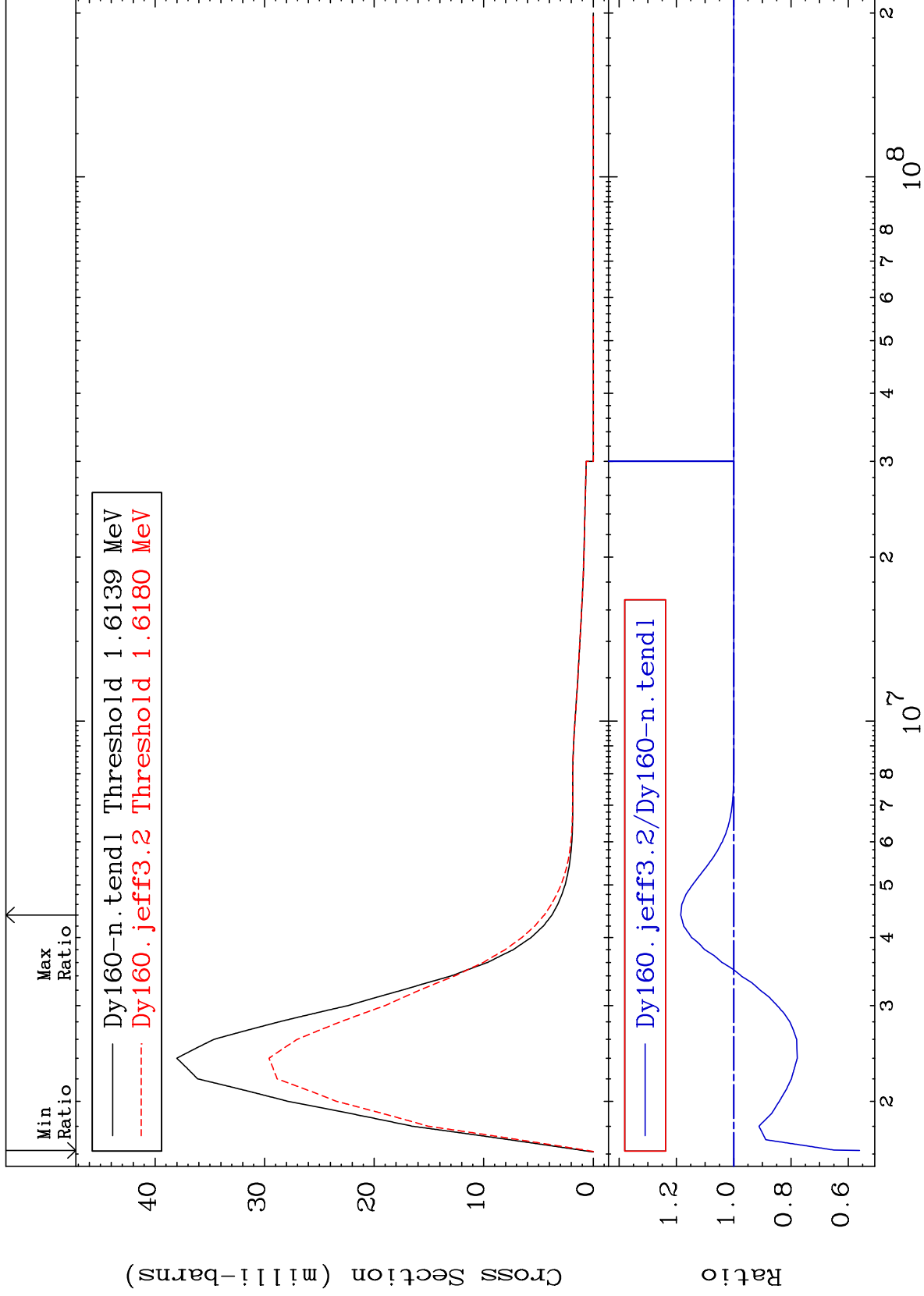
66-Dy-160  
-86.00 To 74.61 %

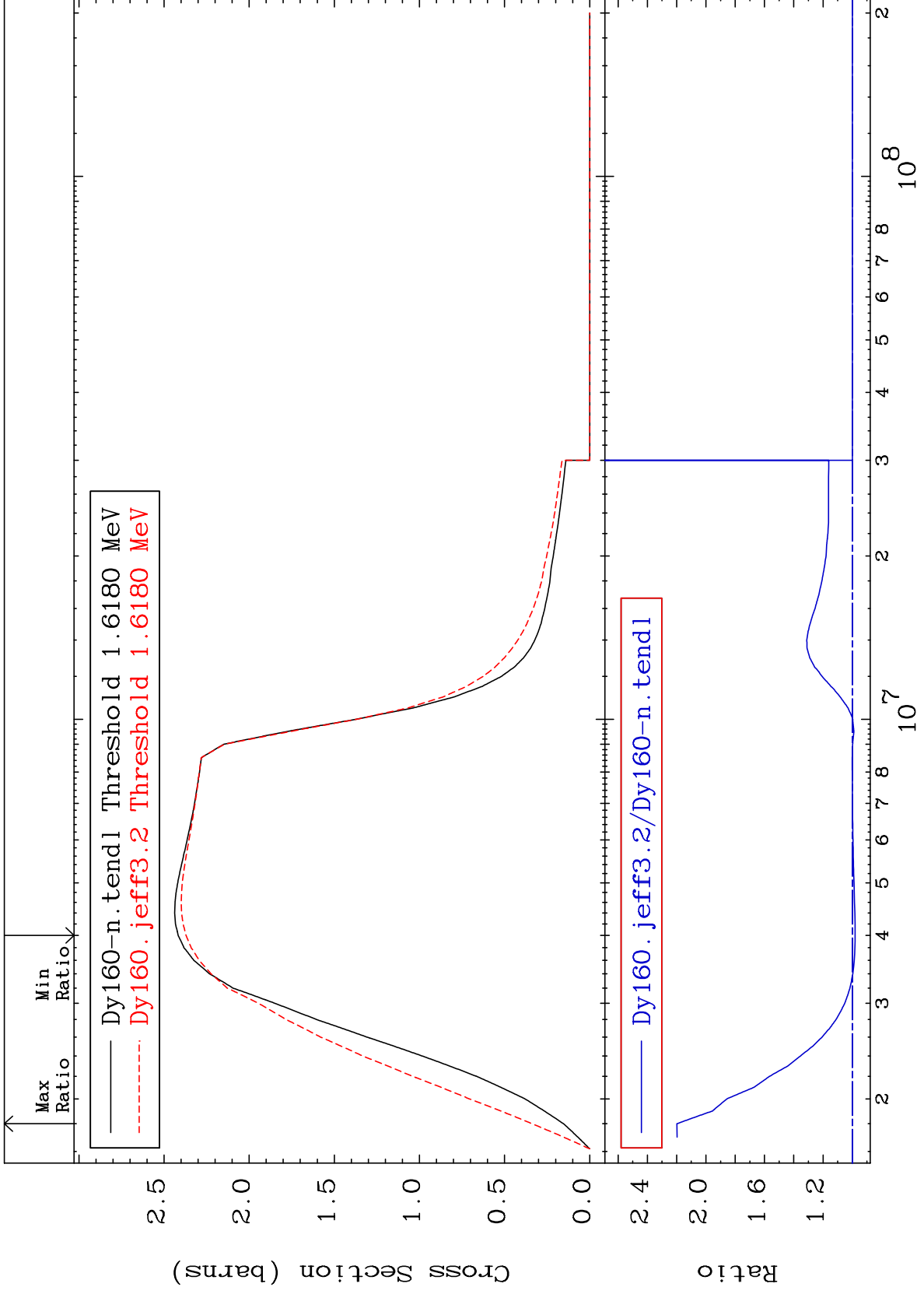


MAT 6637

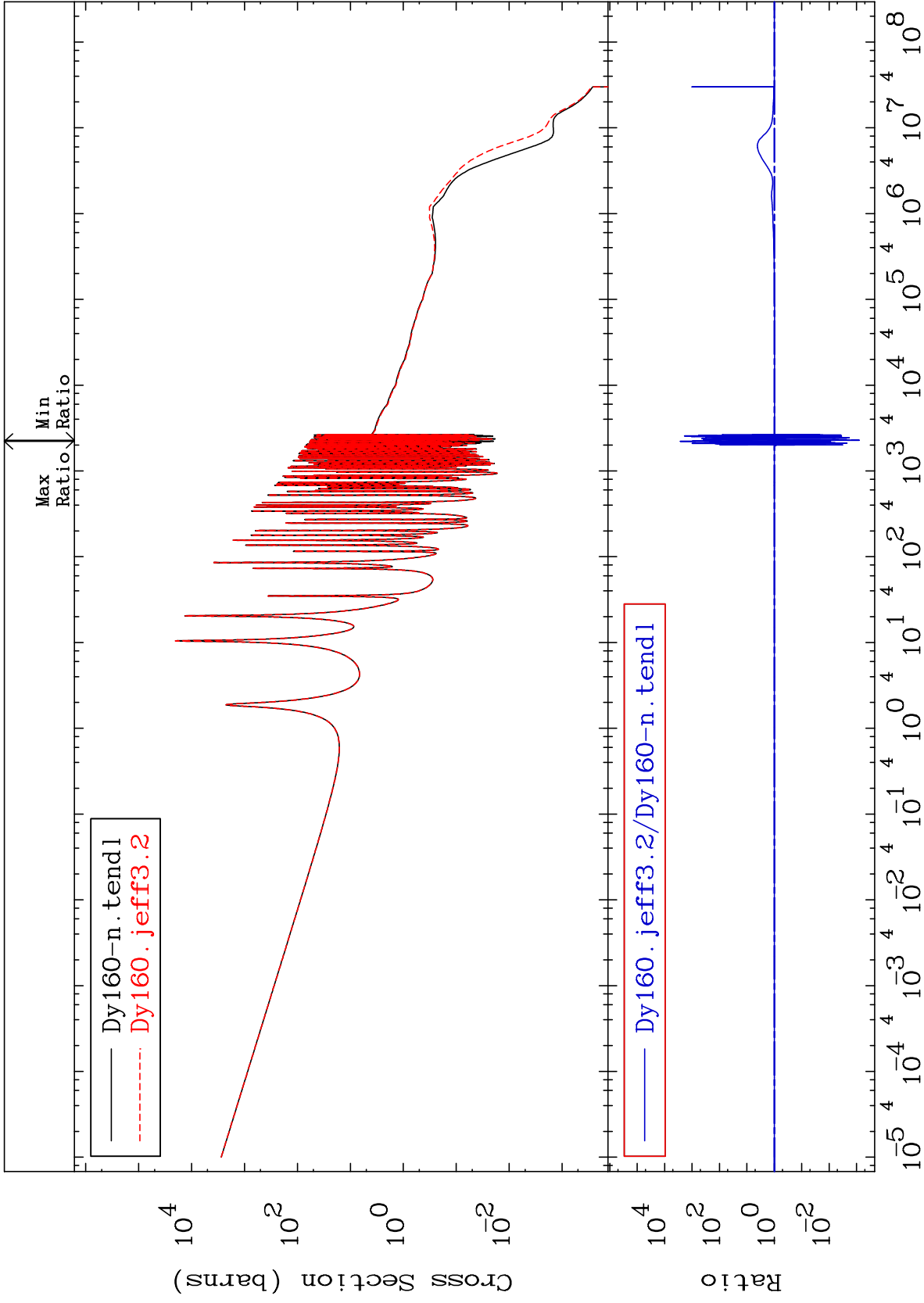
1.604 MeV (n,n') Level  
Cross Section

66-Dy-160  
-43.92 To 18.49 %









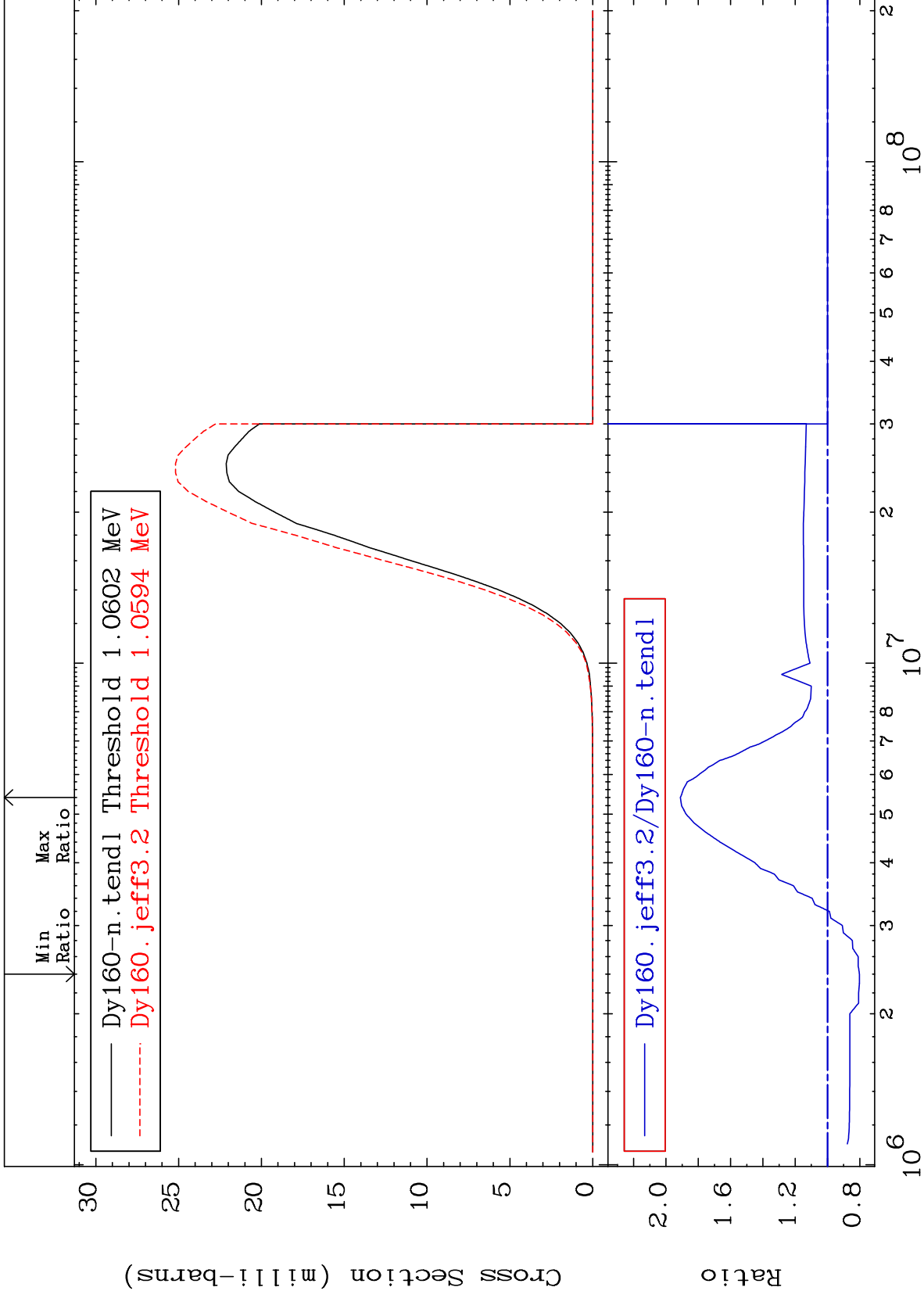
MAT 6637

(n,p)

66-Dy-160

Cross Section

-19.75 To 91.08 %



Incident Energy (eV)

50

66-Dy-160

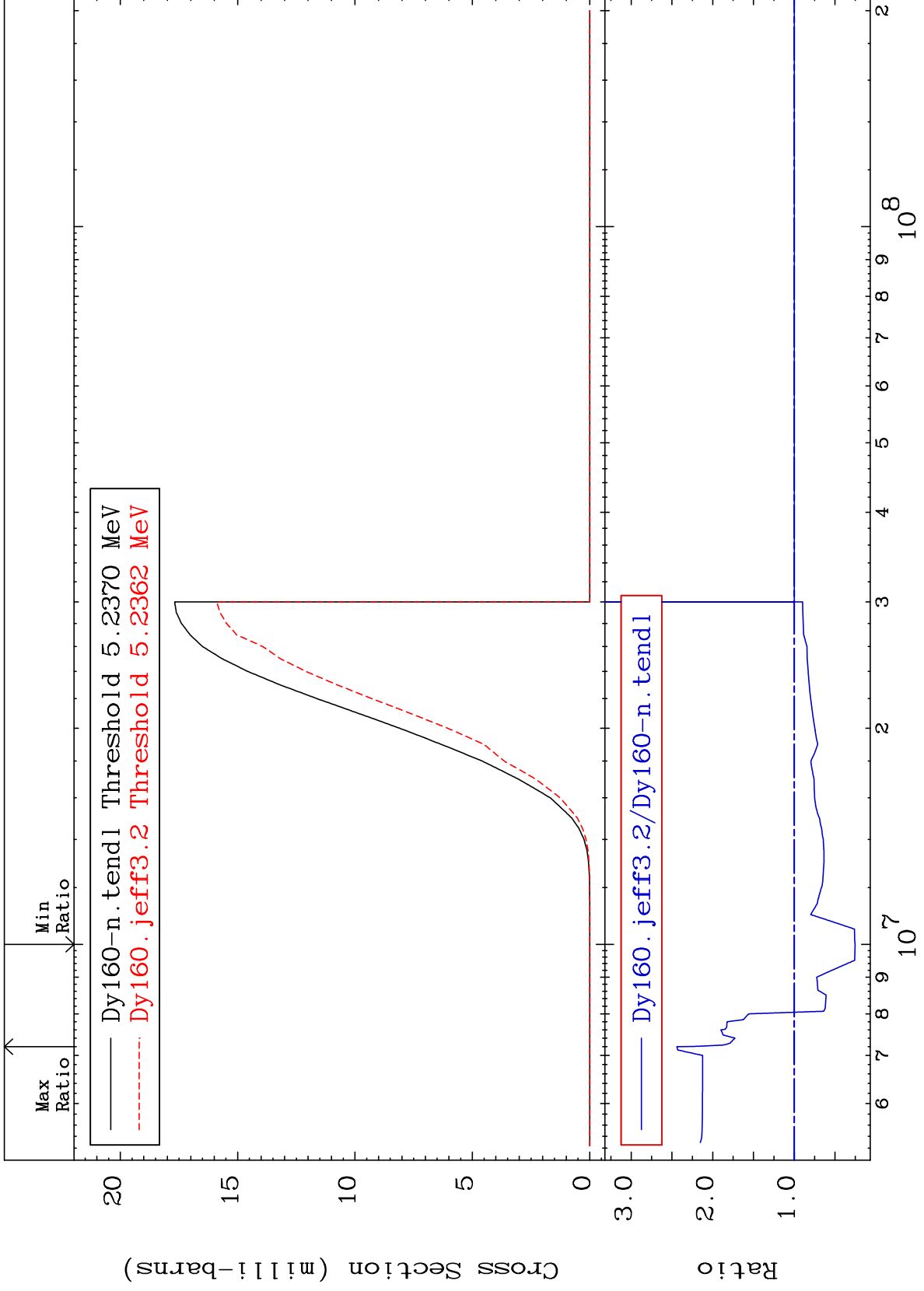
MAT 6637

(n, d)

66-Dy-160

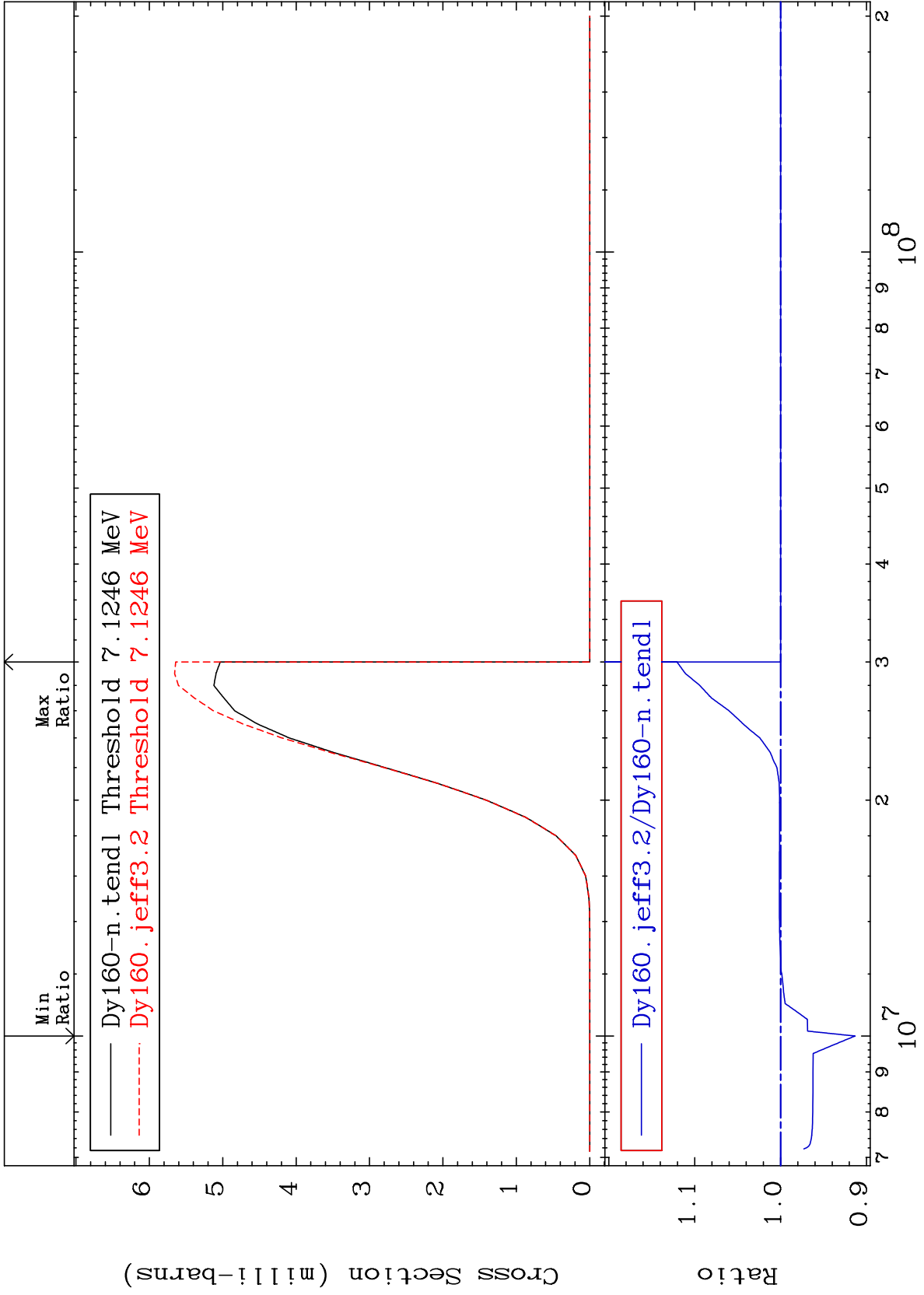
Cross Section

-74.65 To 144.0 %



MAT 6637

(n, t)  
Cross Section  
66-Dy-160  
-8.667 To 12.07 %



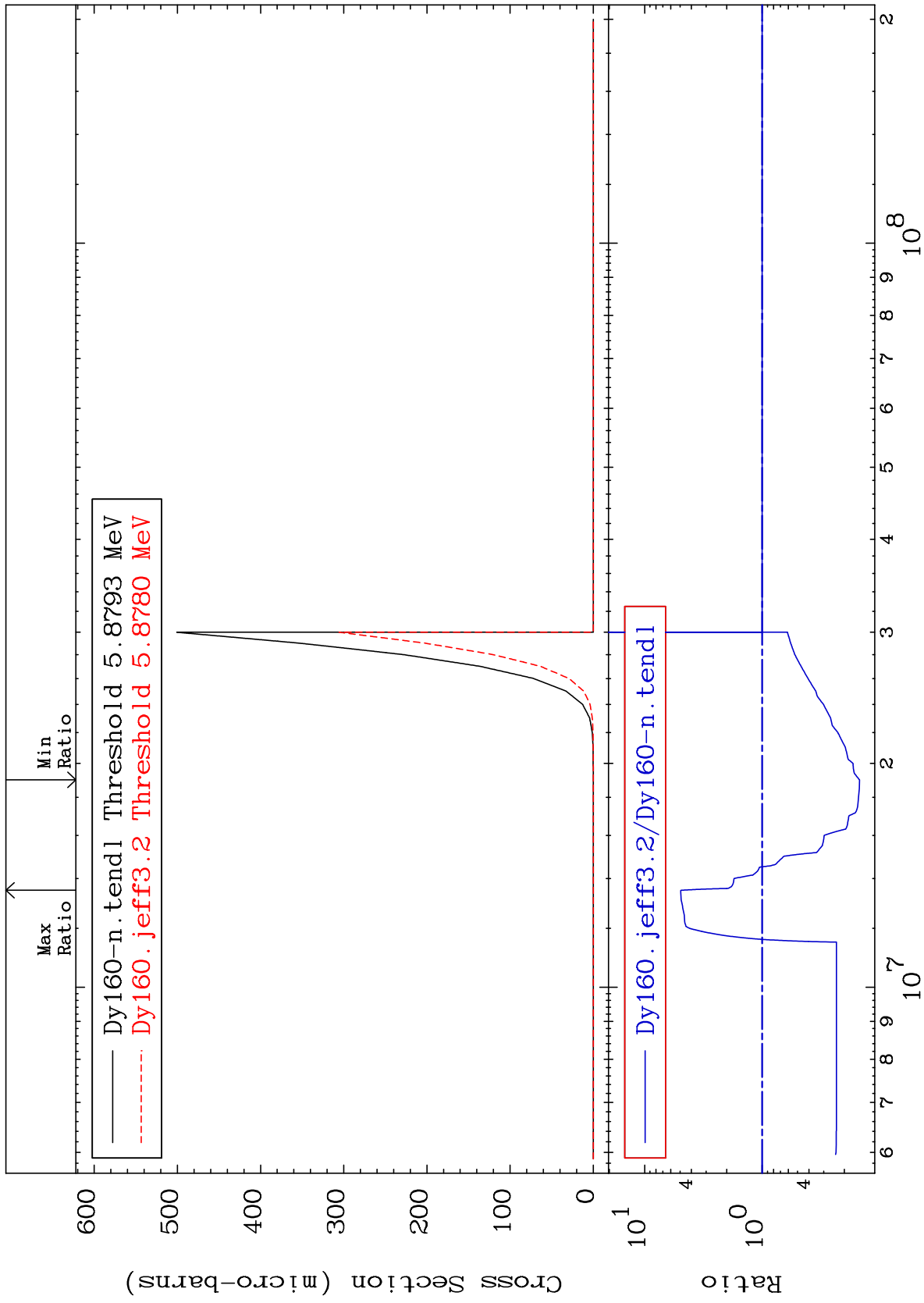
MAT 6637

(n, He-3)

66-Dy-160

Cross Section

-85.14 To 392.6 %



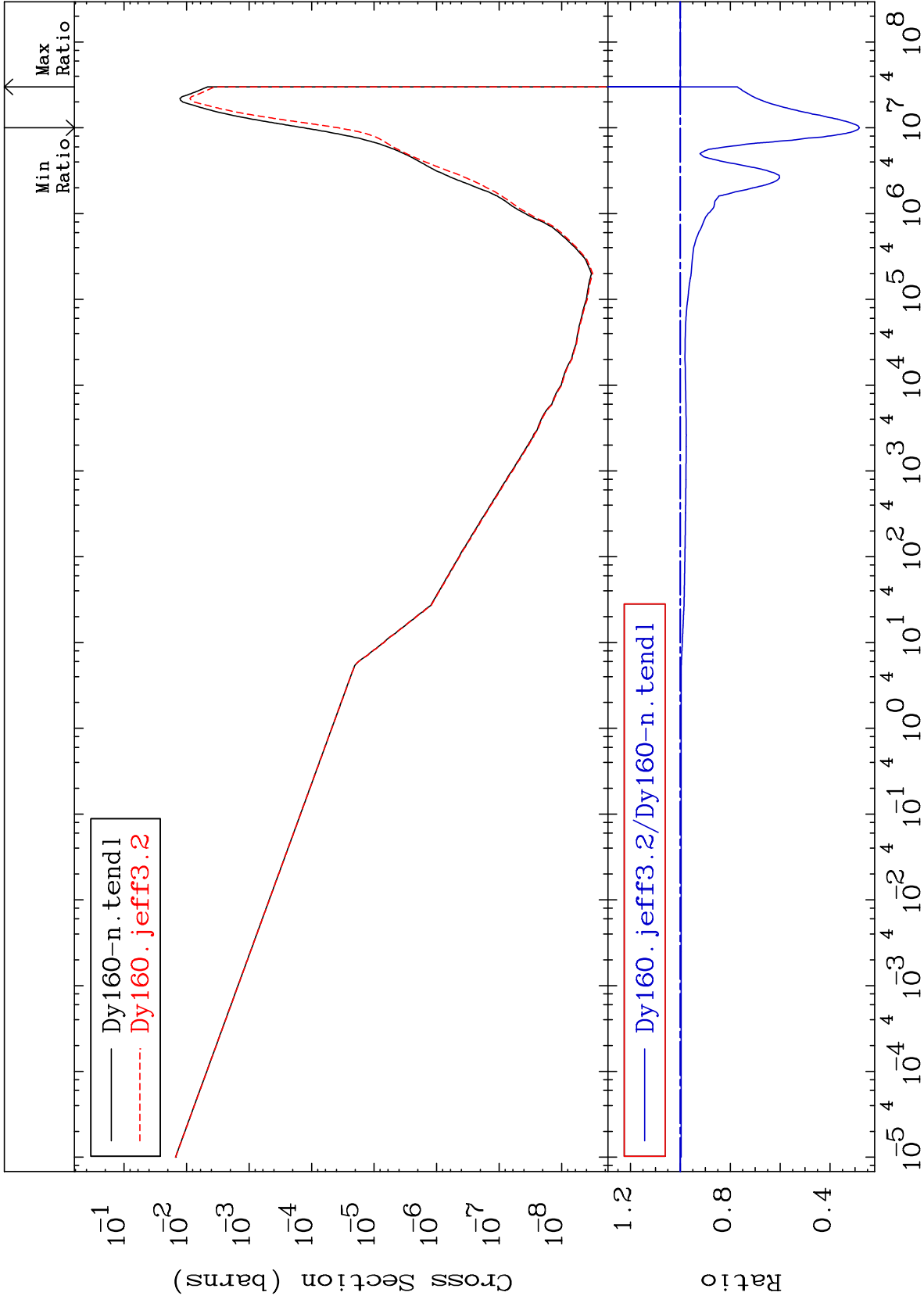
MAT 6637

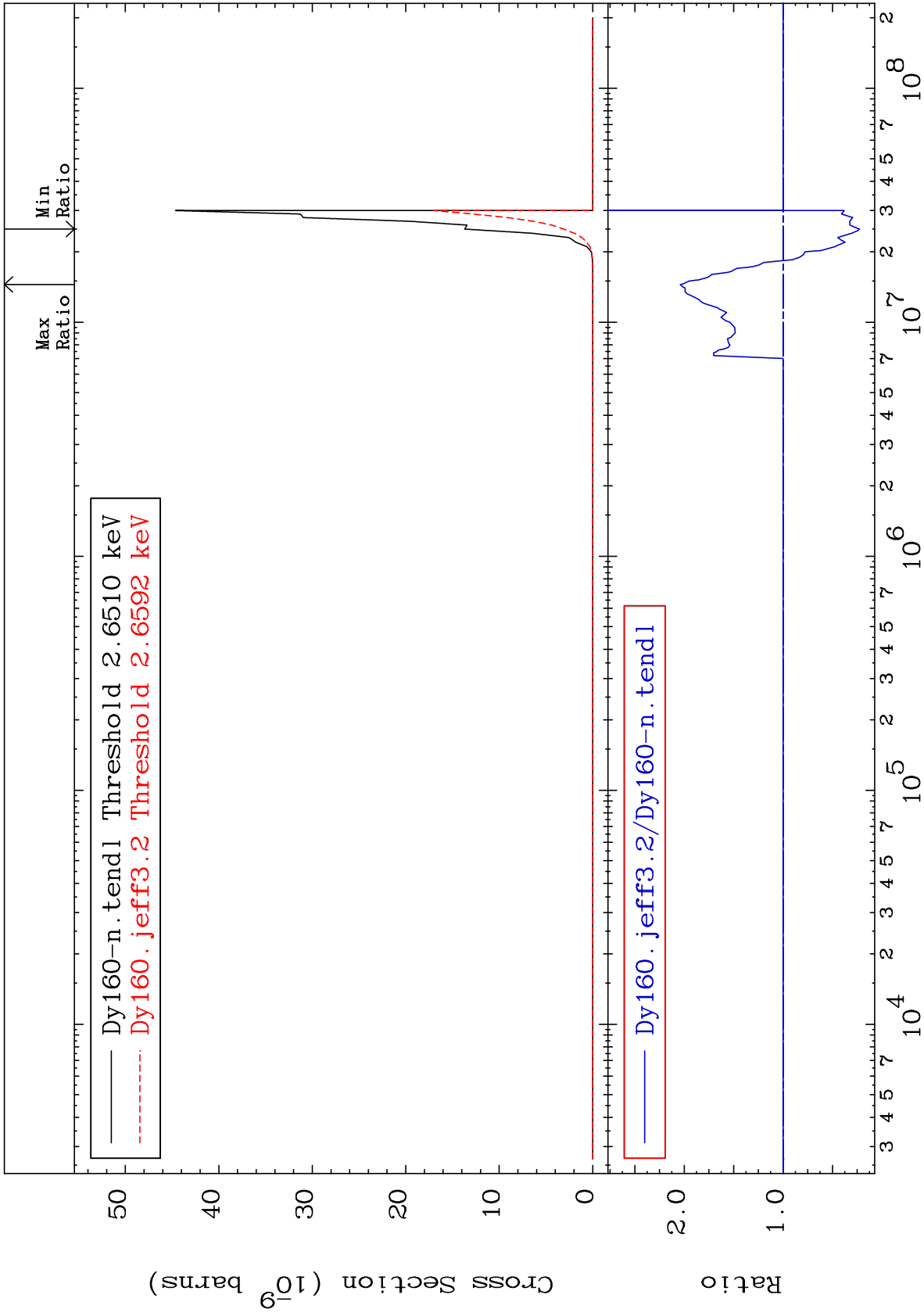
(n,  $\alpha$ )

66-Dy-160

Cross Section

-71.78 To 0.000 %





MAT 6637

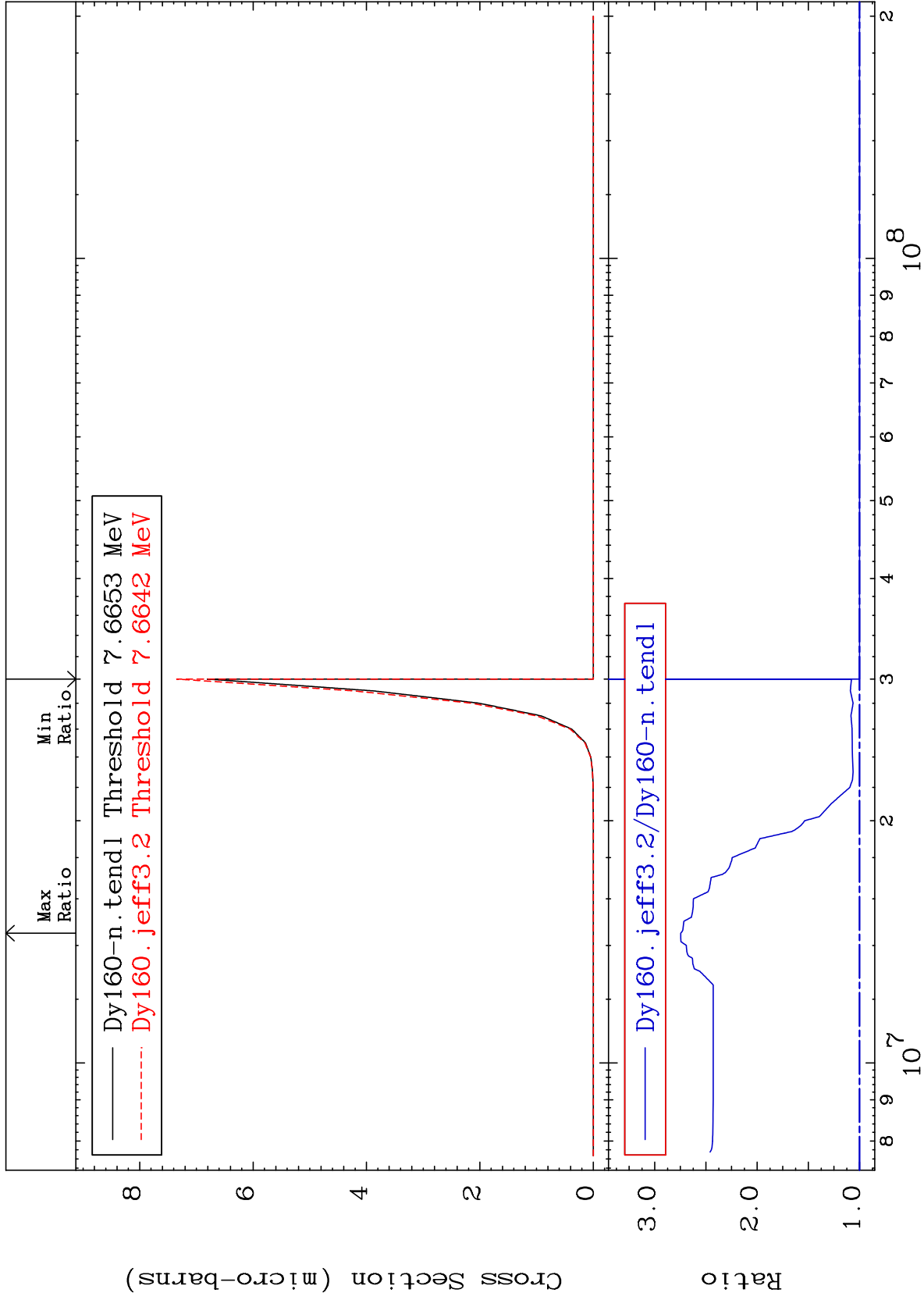
(n,2p)

66-Dy-160

Cross Section

0.000

To 174.6 %

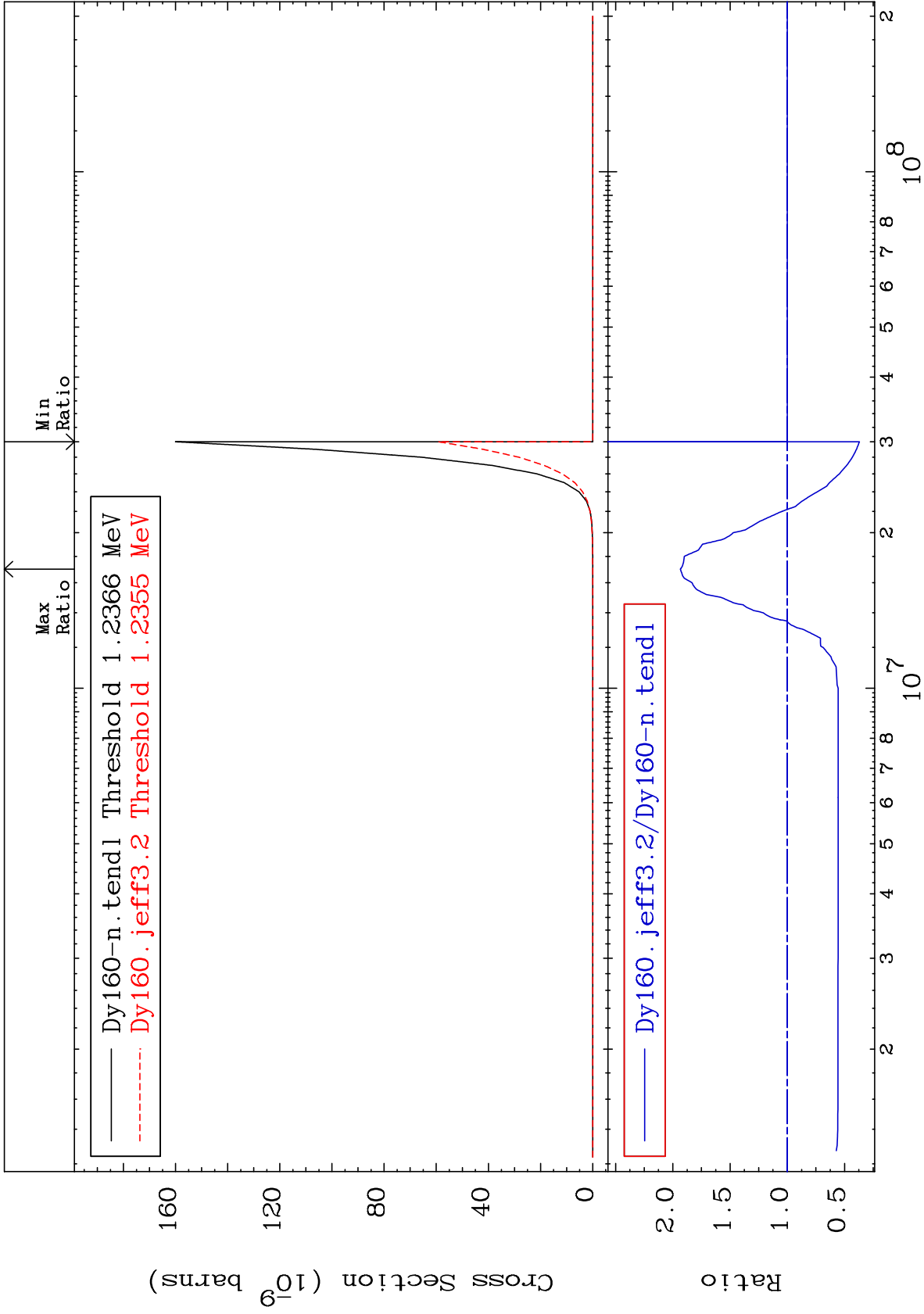


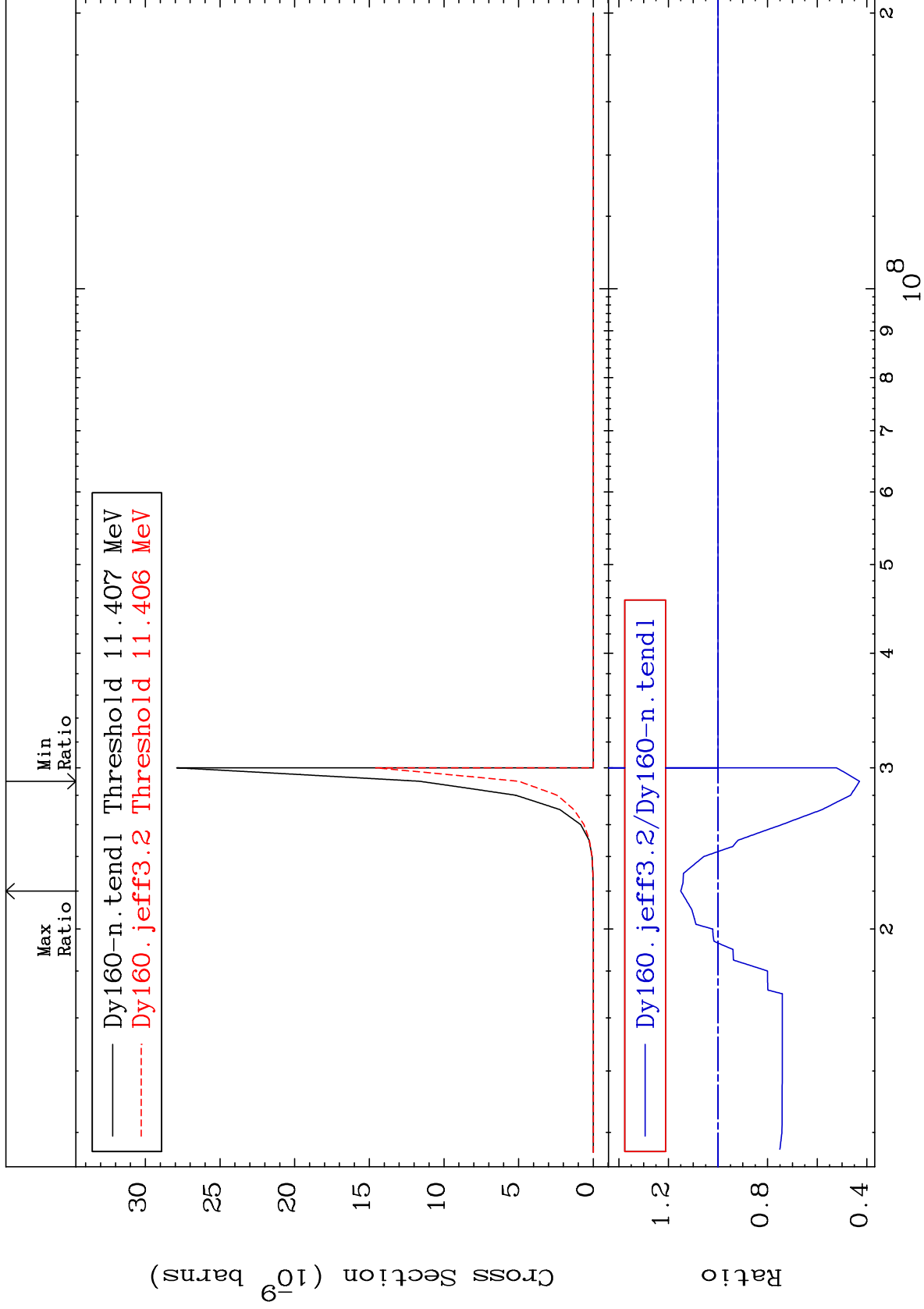
56

Incident Energy (eV)

66-Dy-160



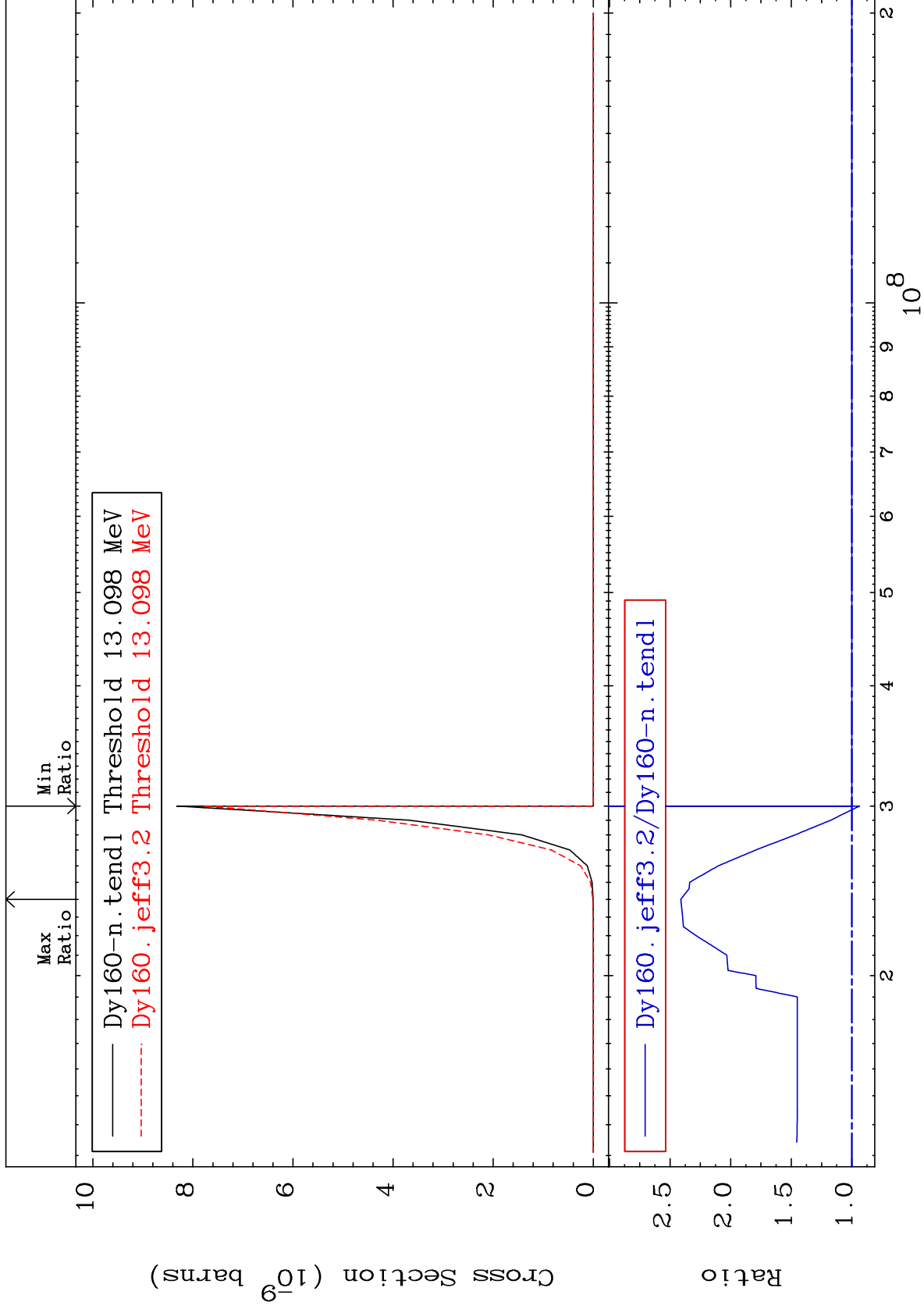




MAT 6637

(n,p) t  
Cross Section

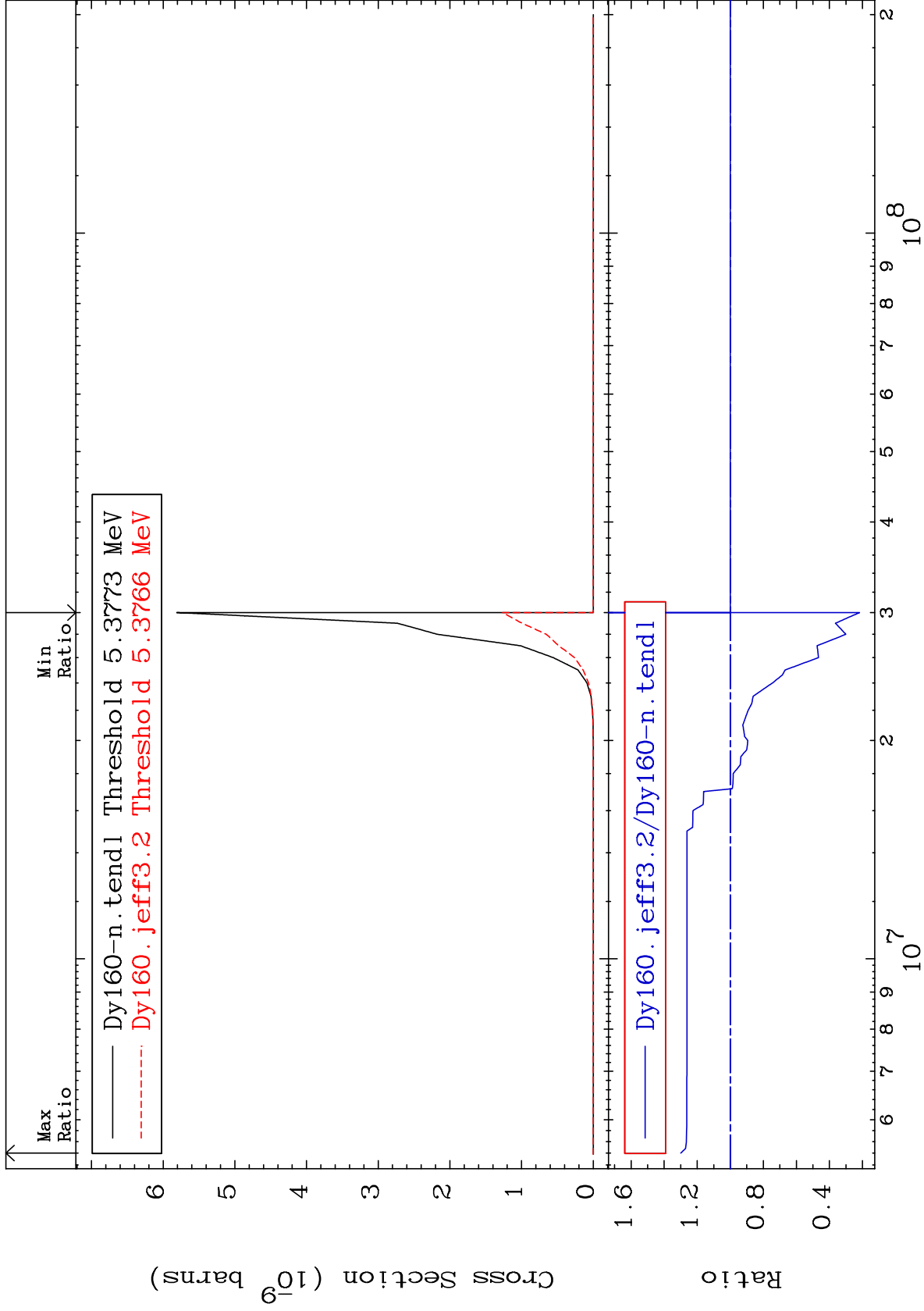
66-Dy-160  
-6.324 To 141.2 %



MAT 6637

(n, d)  $\alpha$   
Cross Section

66-Dy-160  
-78.22 To 29.96 %



60

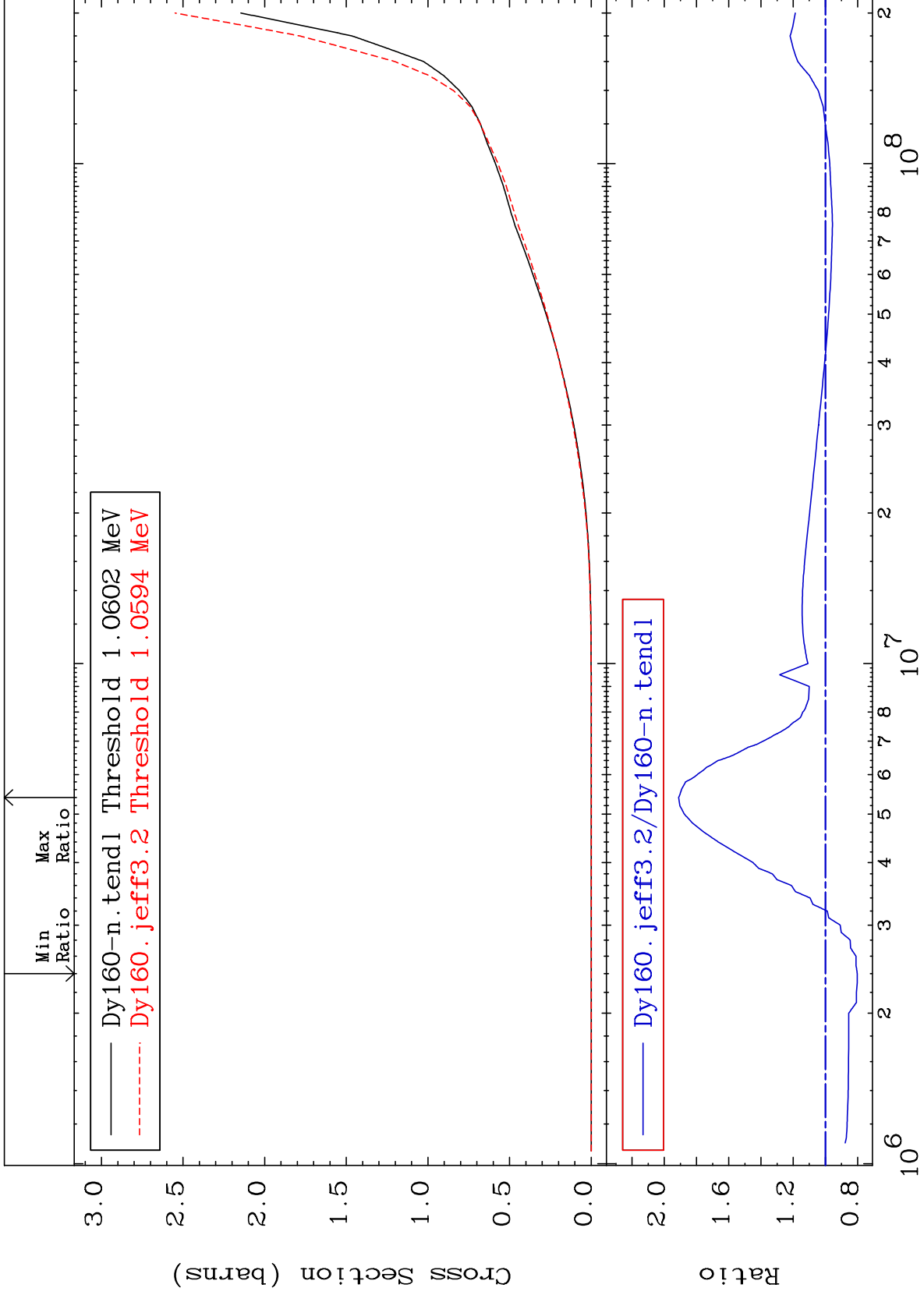
Incident Energy (eV)

66-Dy-160

MAT 6637

Hydrogen Production  
Cross Section

66-Dy-160  
-19.75 To 91.08 %



61

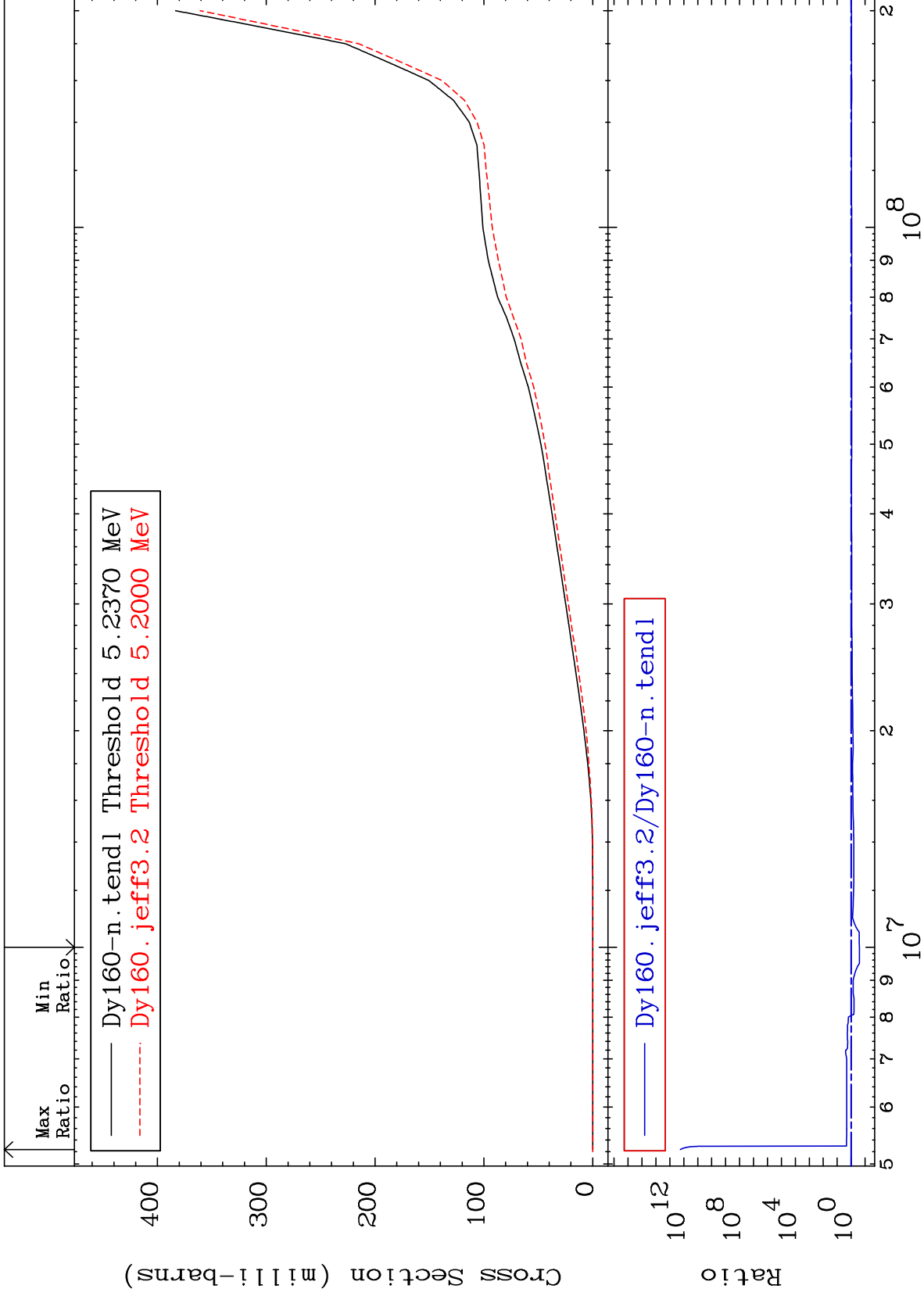
Incident Energy (eV)

66-Dy-160

MAT 6637

Deuterium Production  
Cross Section

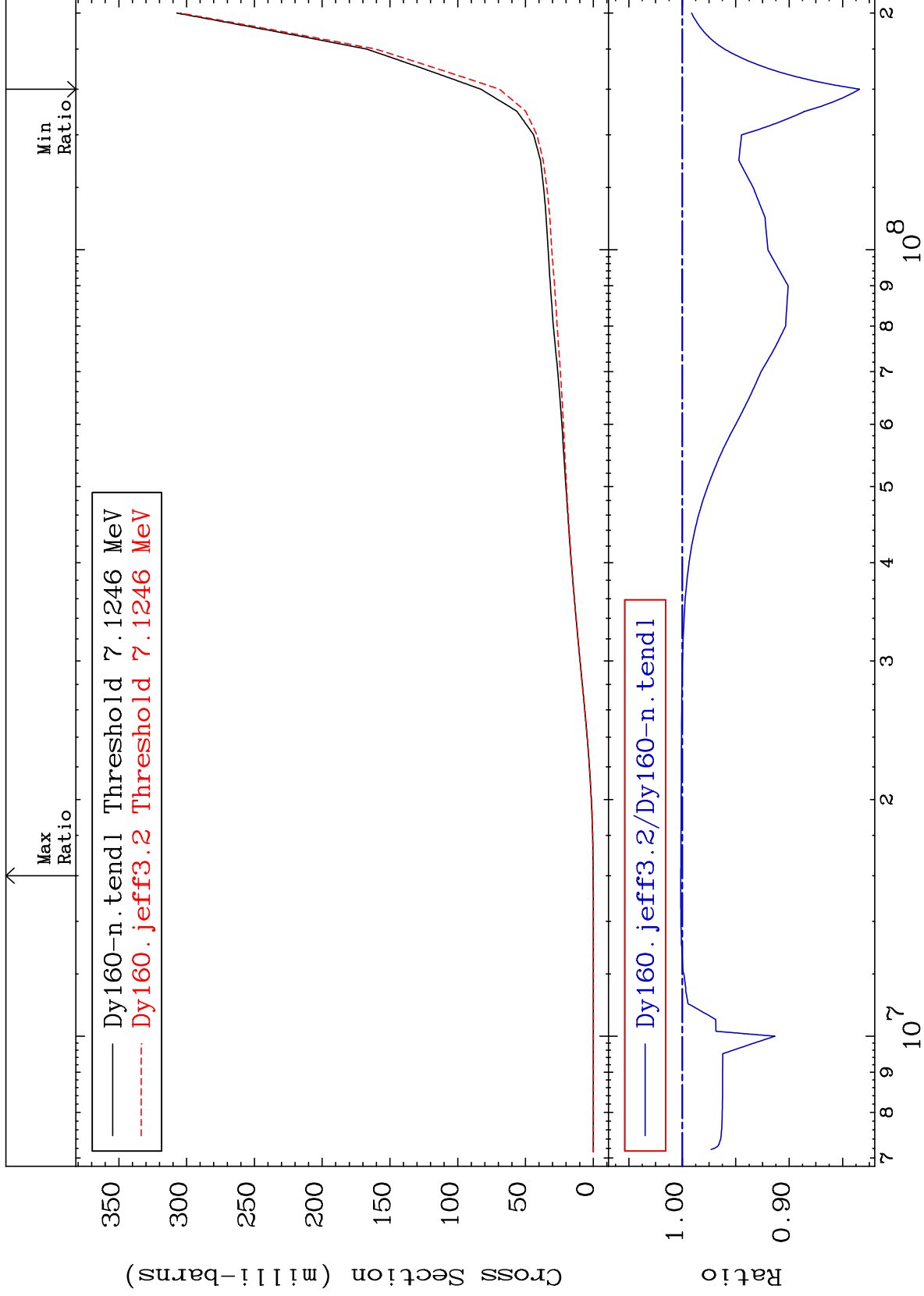
66-Dy-160  
-74.65 To 9999. %



MAT 6637

Tritium Production  
Cross Section

66-Dy-160  
-16.59 To 0.147 %



63

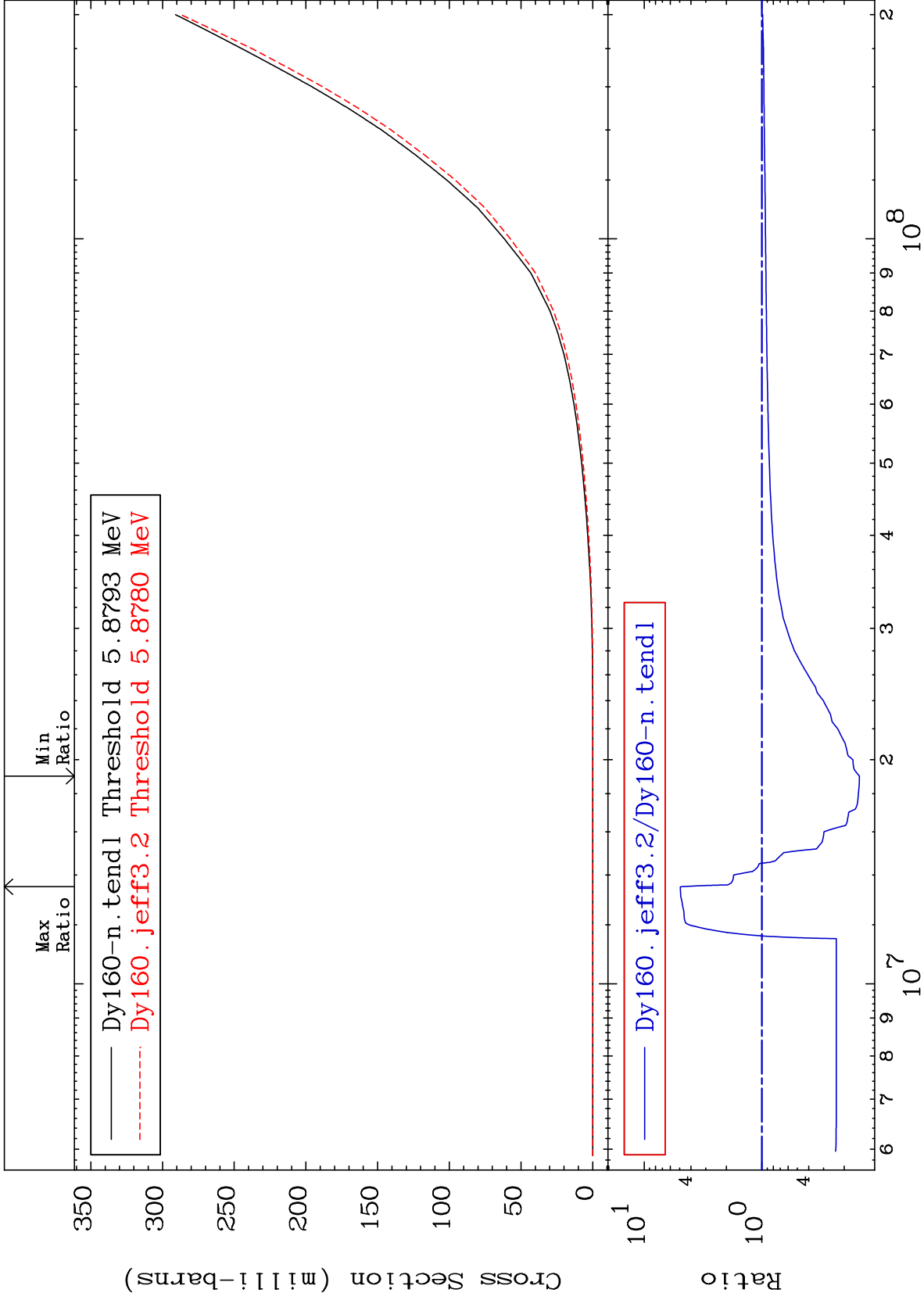
Incident Energy (eV)

66-Dy-160

MAT 6637

He-3 Production  
Cross Section

66-Dy-160  
-85.14 To 392.6 %



64

Incident Energy (eV)

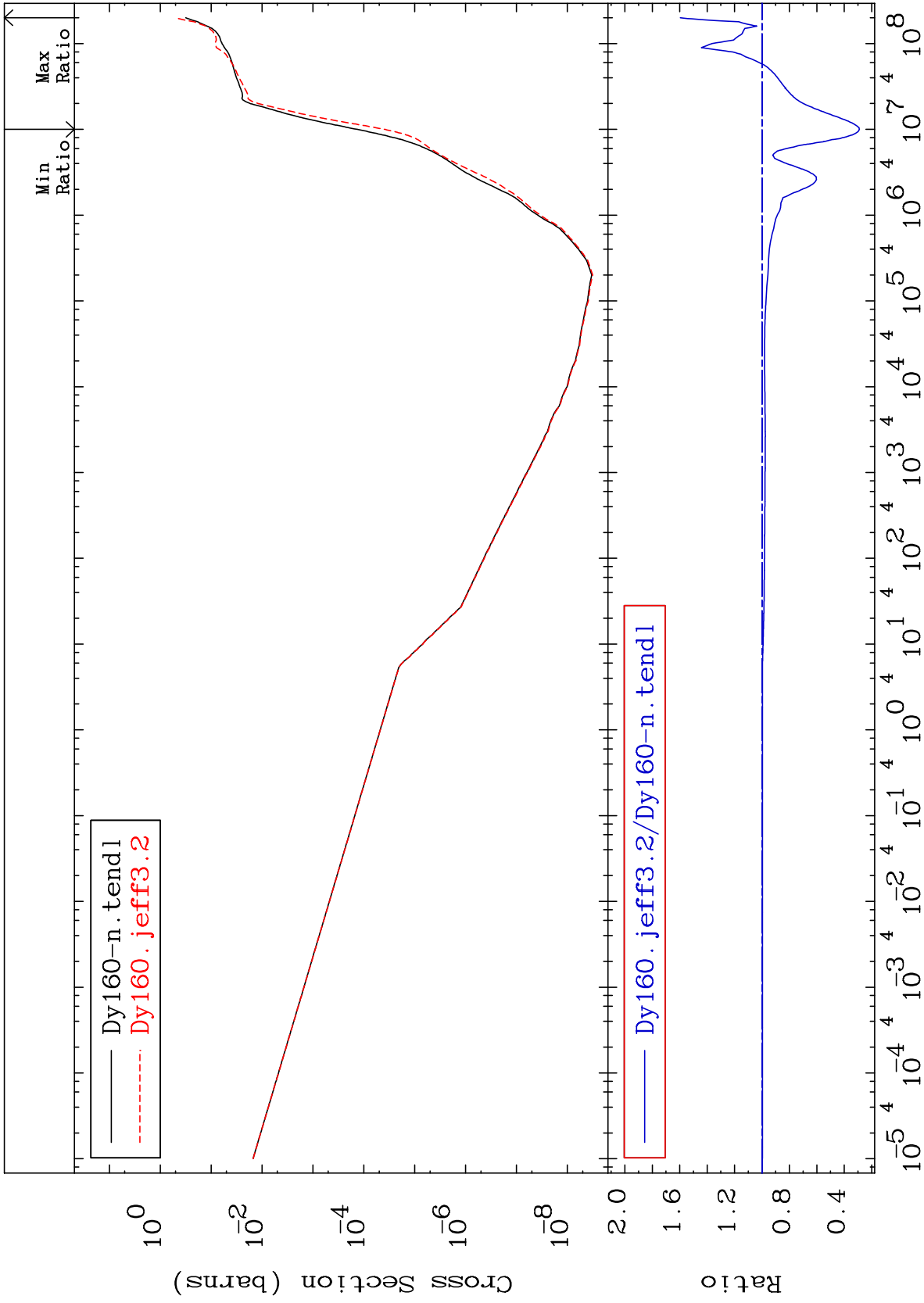
66-Dy-160



MAT 6637

He-4 Production  
Cross Section

66-Dy-160  
-71.09 To 59.52 %



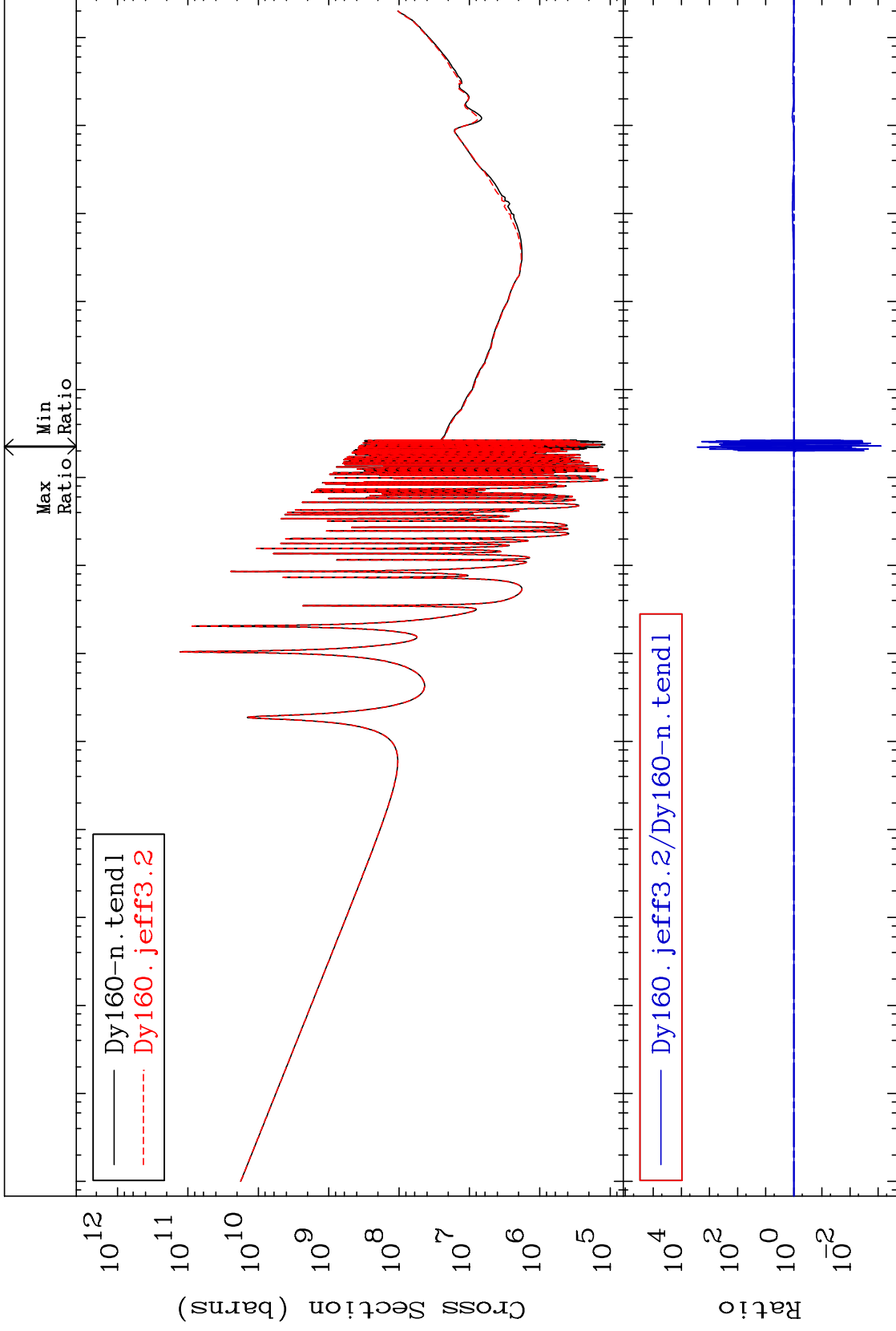
65

Incident Energy (eV)

66-Dy-160

Cross Section

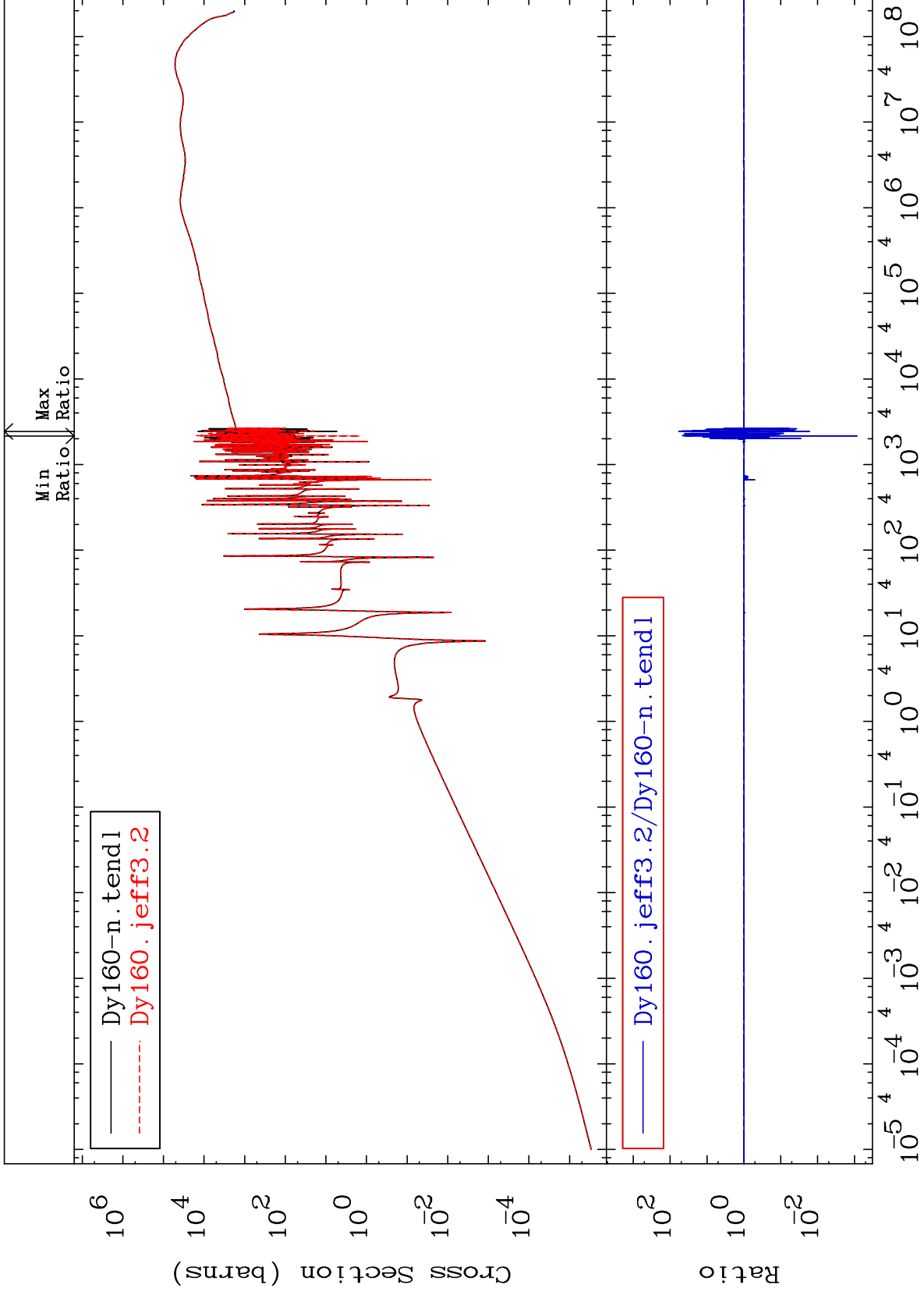
-99.92 To 9999. %



MAT 6637

Kerma elastic  
Cross Section

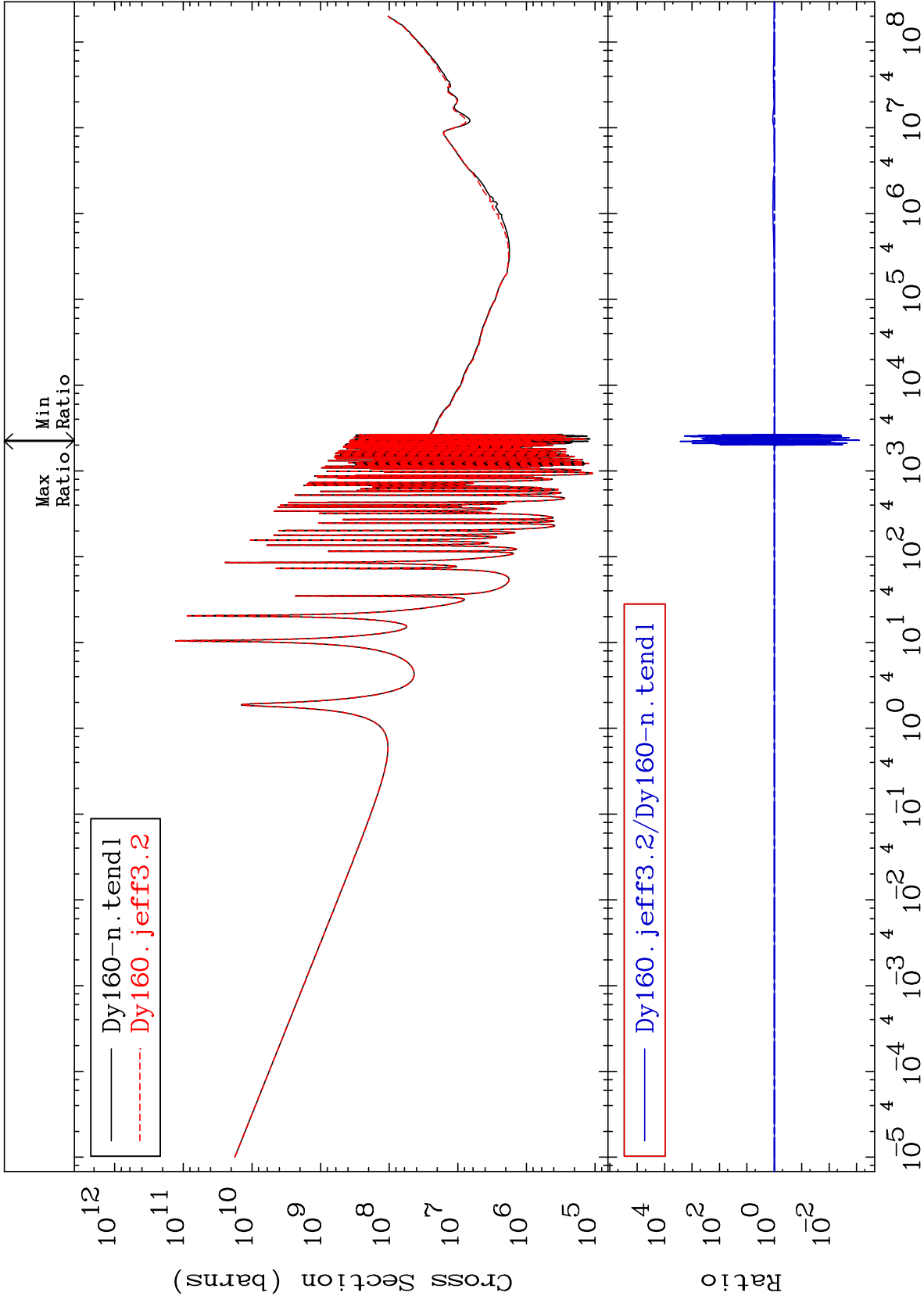
66-Dy-160  
-99.92 To 5783. %

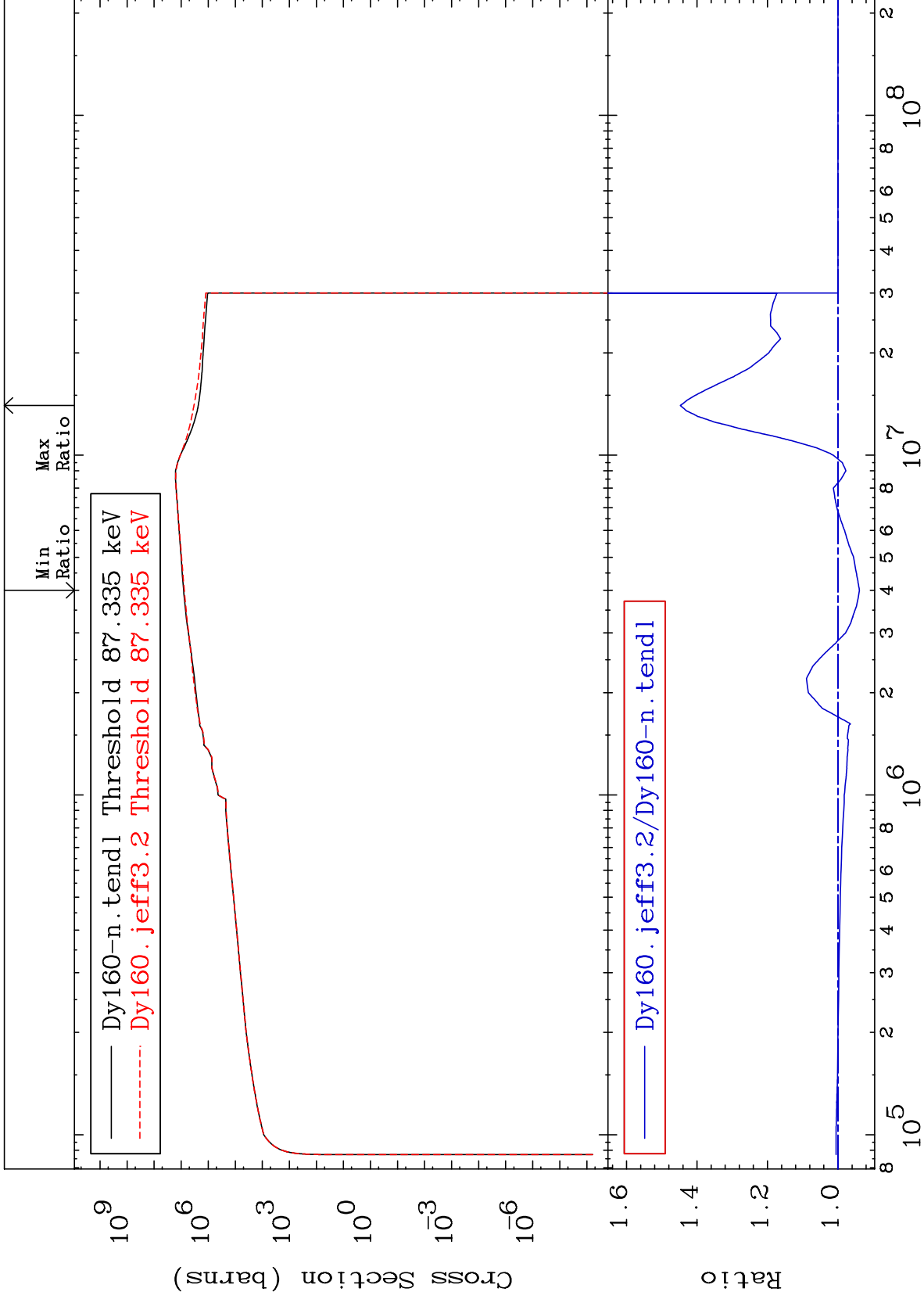


67

Incident Energy (eV)

66-Dy-160

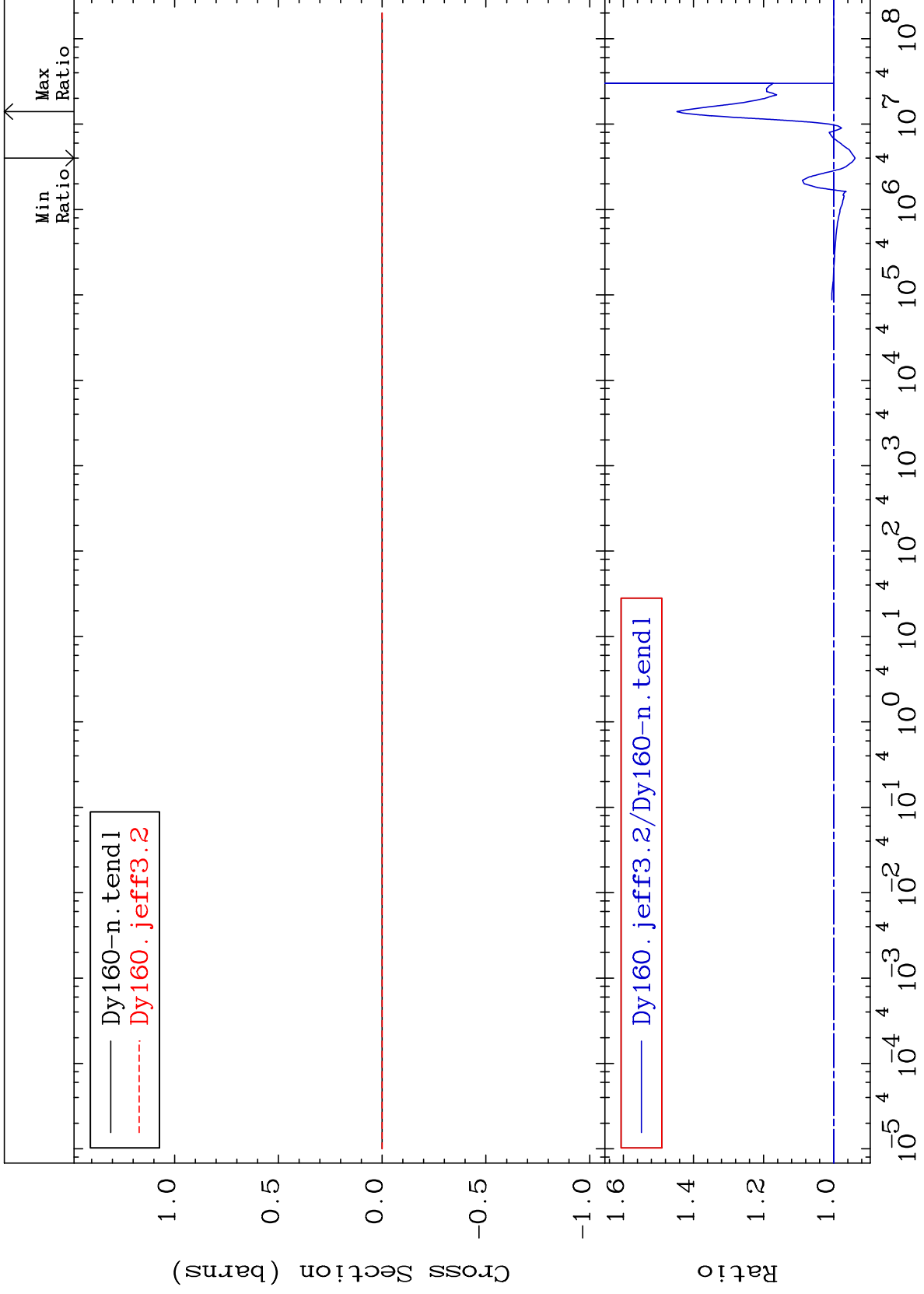


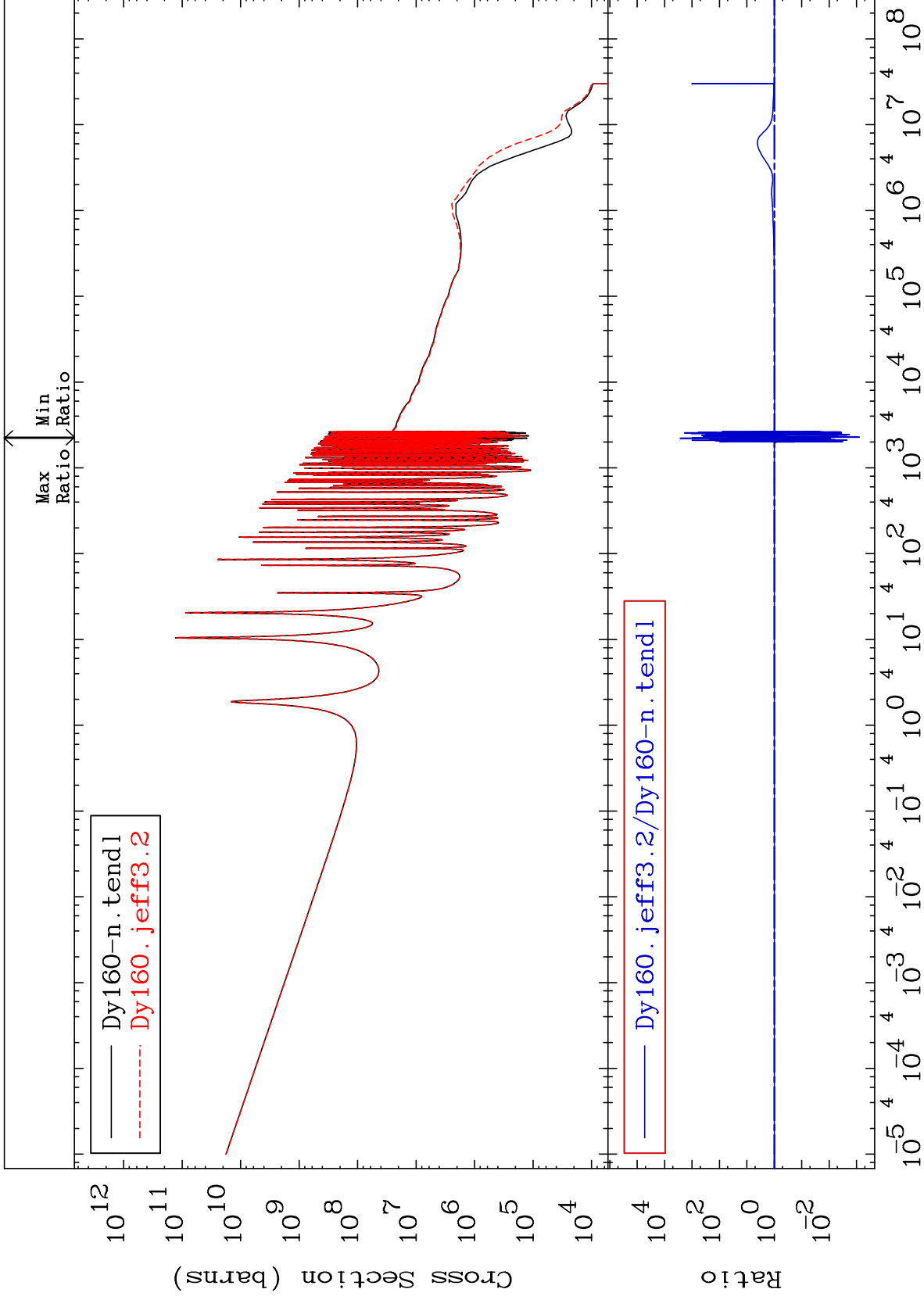


MAT 6637

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

66-Dy-160  
-6.102 To 44.73 %



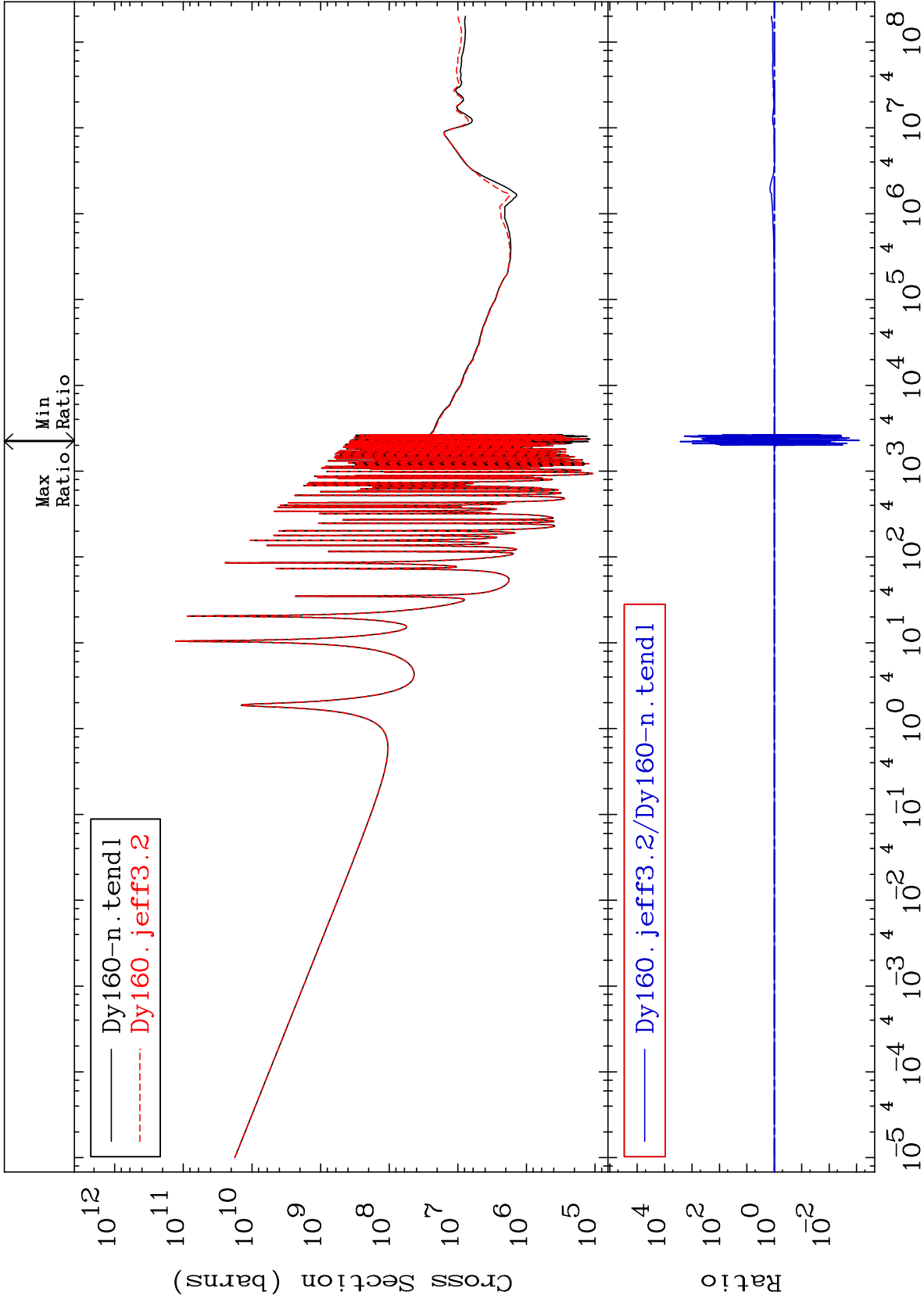


MAT 6637

Total photon (eV-barns)  
Cross Section

66-Dy-160

-99.92 To 9999. %

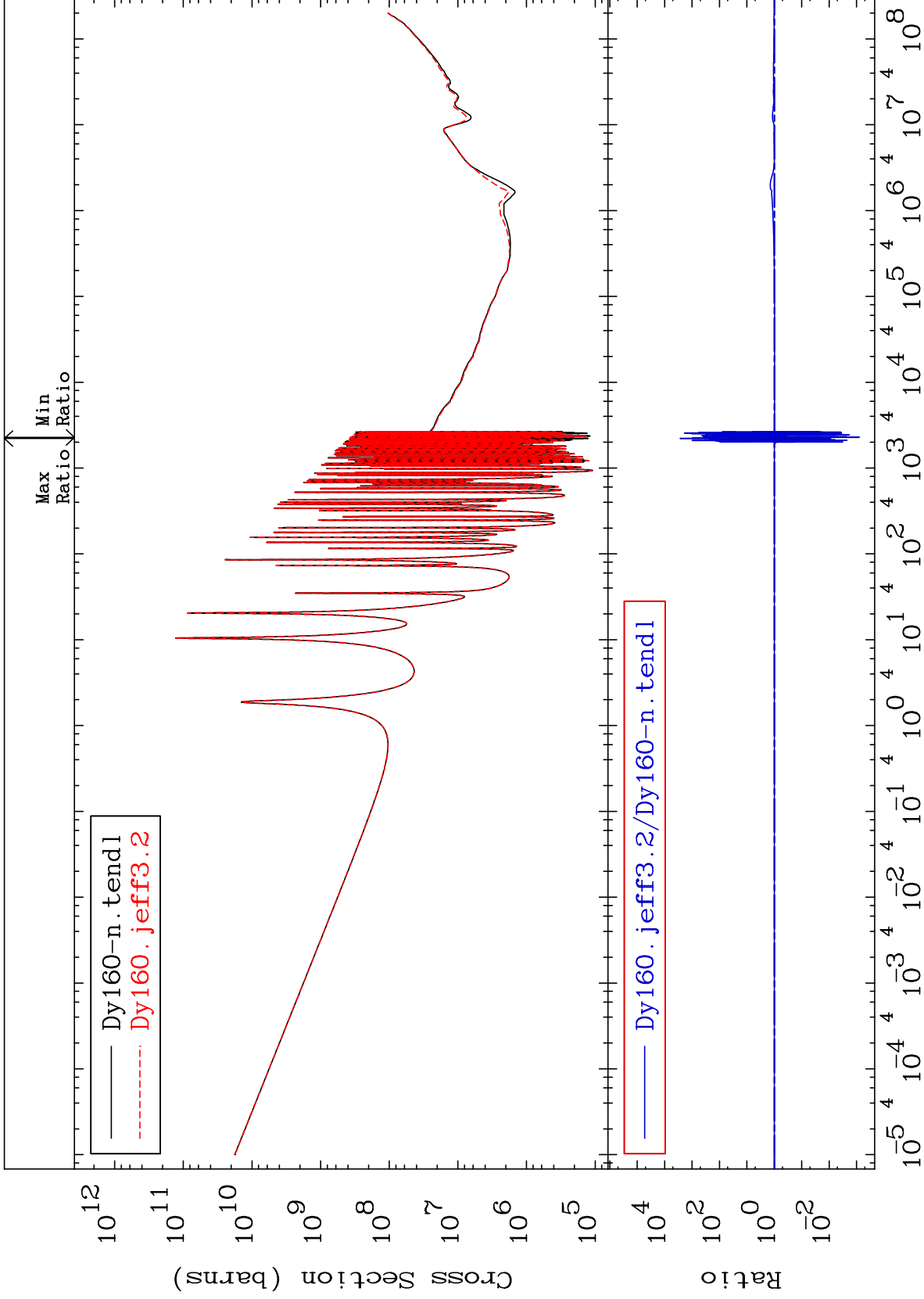


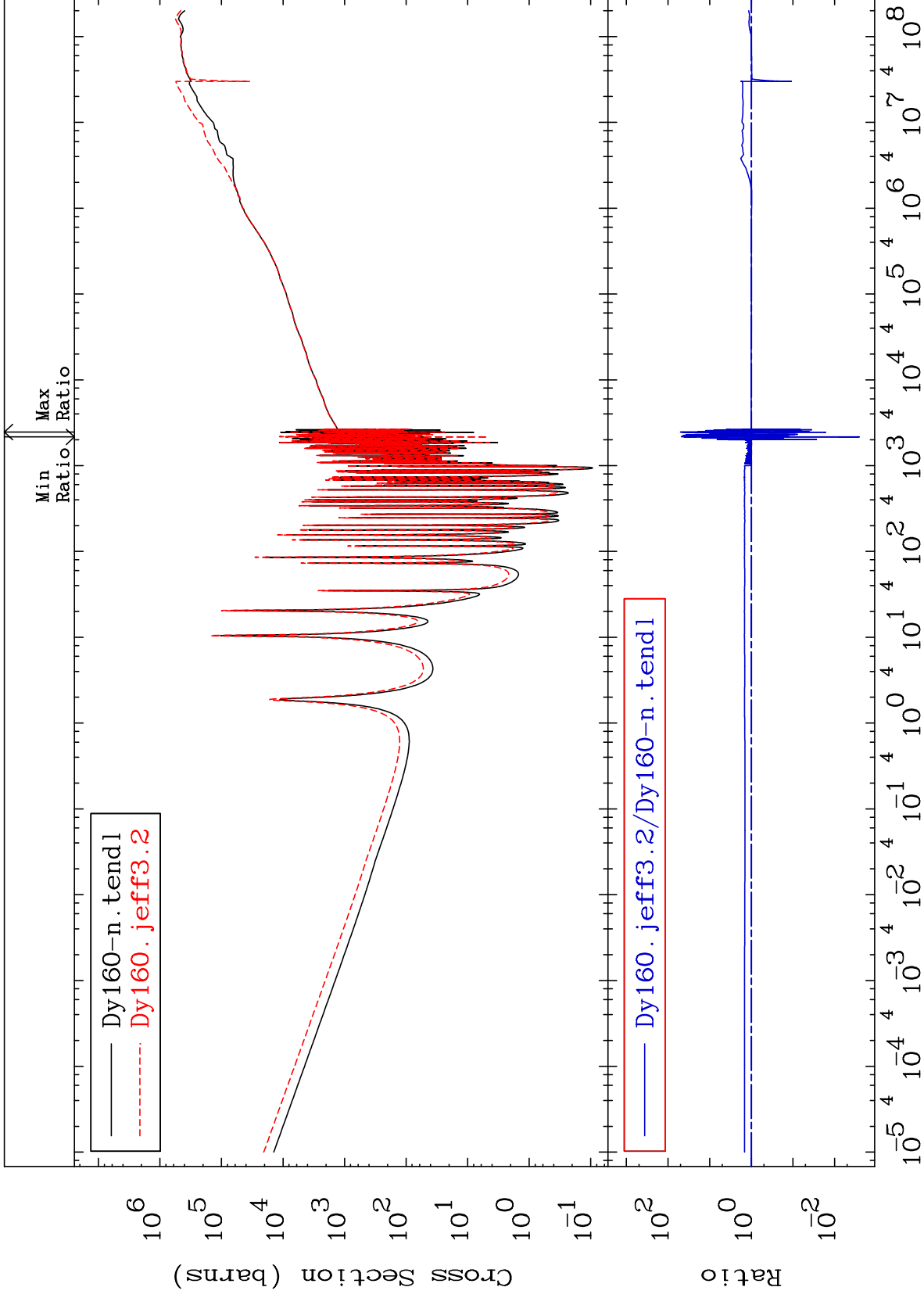
72

Incident Energy (eV)

66-Dy-160



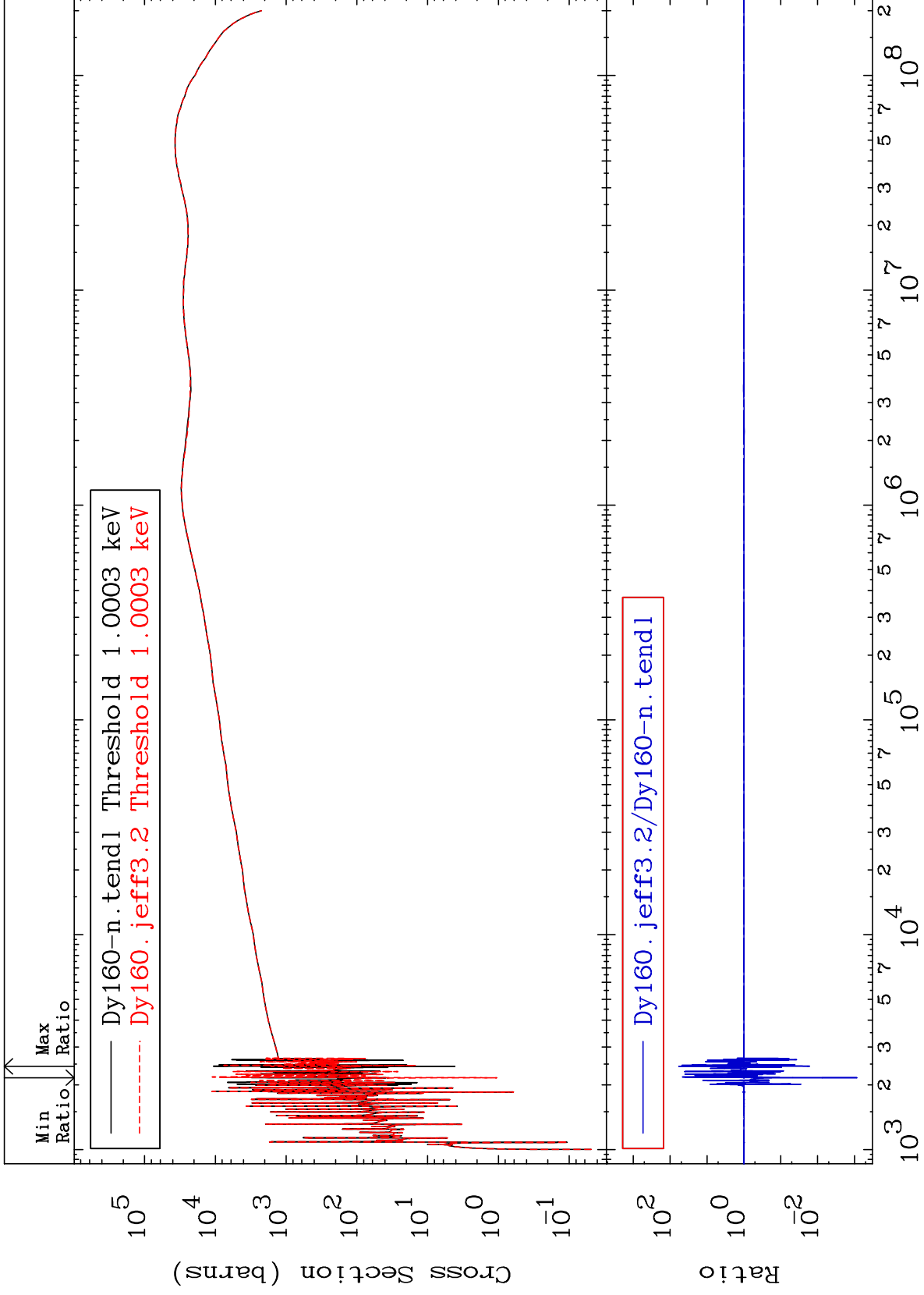




MAT 6637

Dpa elastic (mt2)  
Cross Section

66-Dy-160  
-99.92 To 5783. %



75

Incident Energy (eV)

66-Dy-160

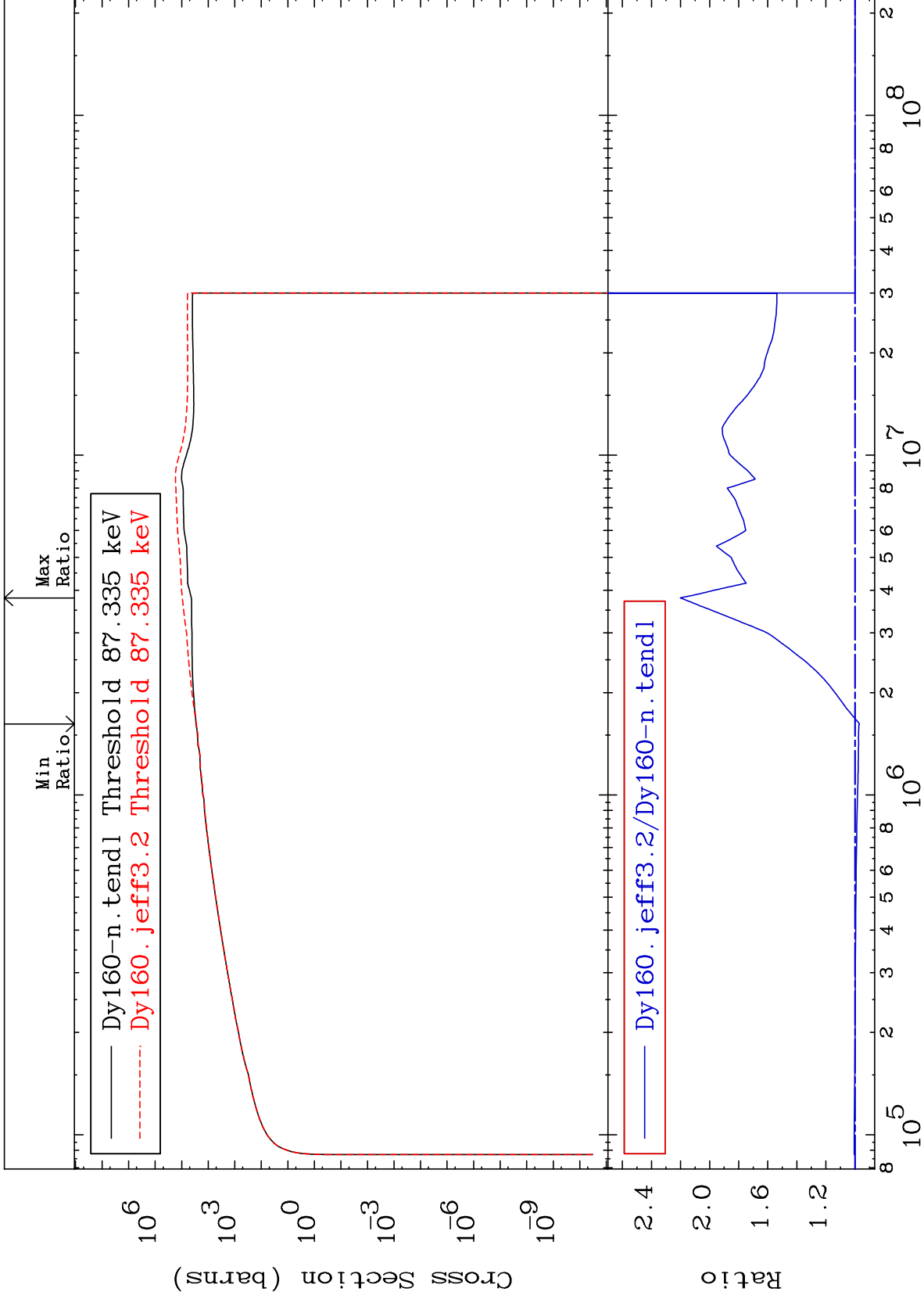
MAT 6637

Dpa inelastic (mt51-91)

66-Dy-160

Cross Section

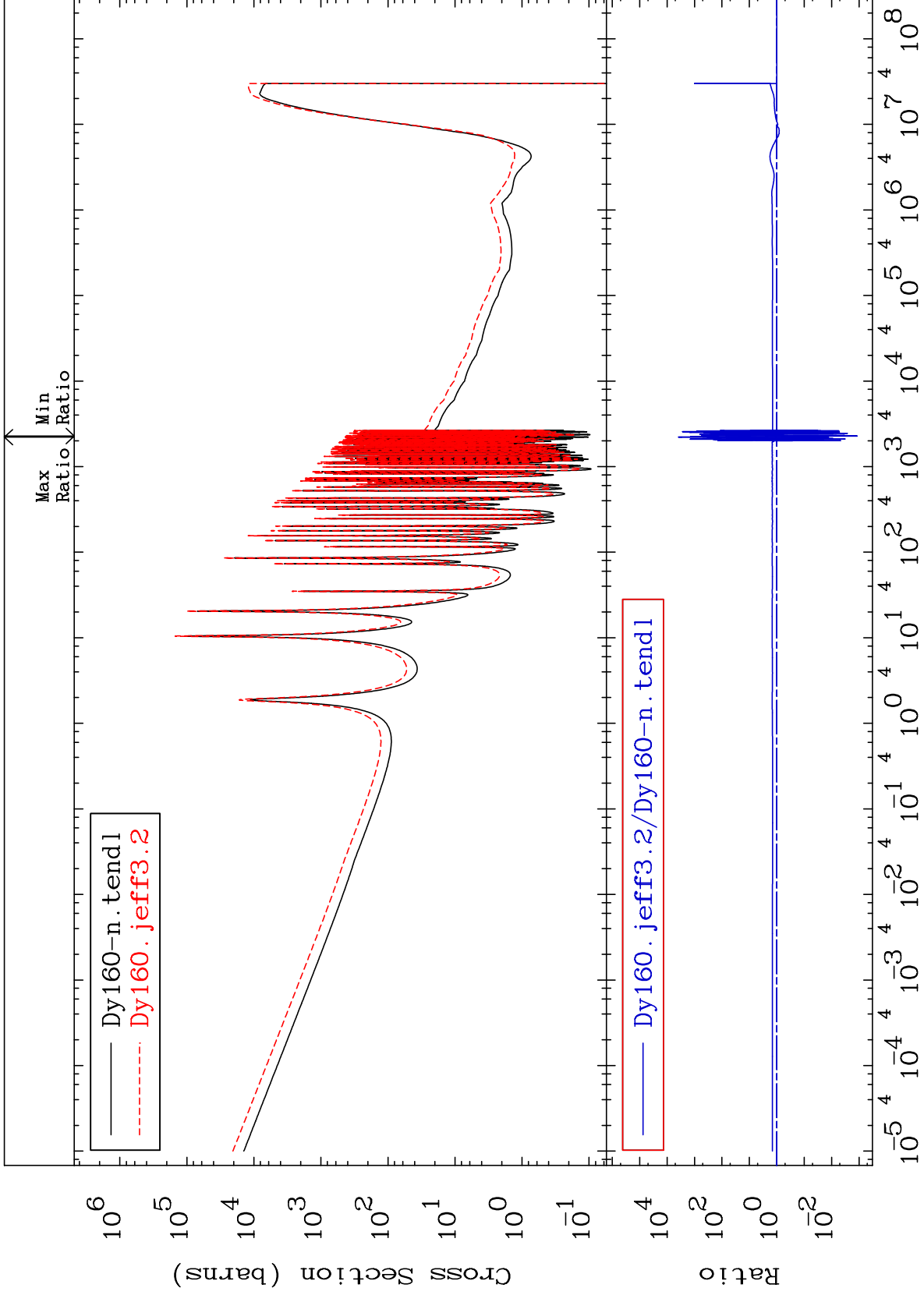
-3.078 To 120.1 %



76

Incident Energy (eV)

66-Dy-160

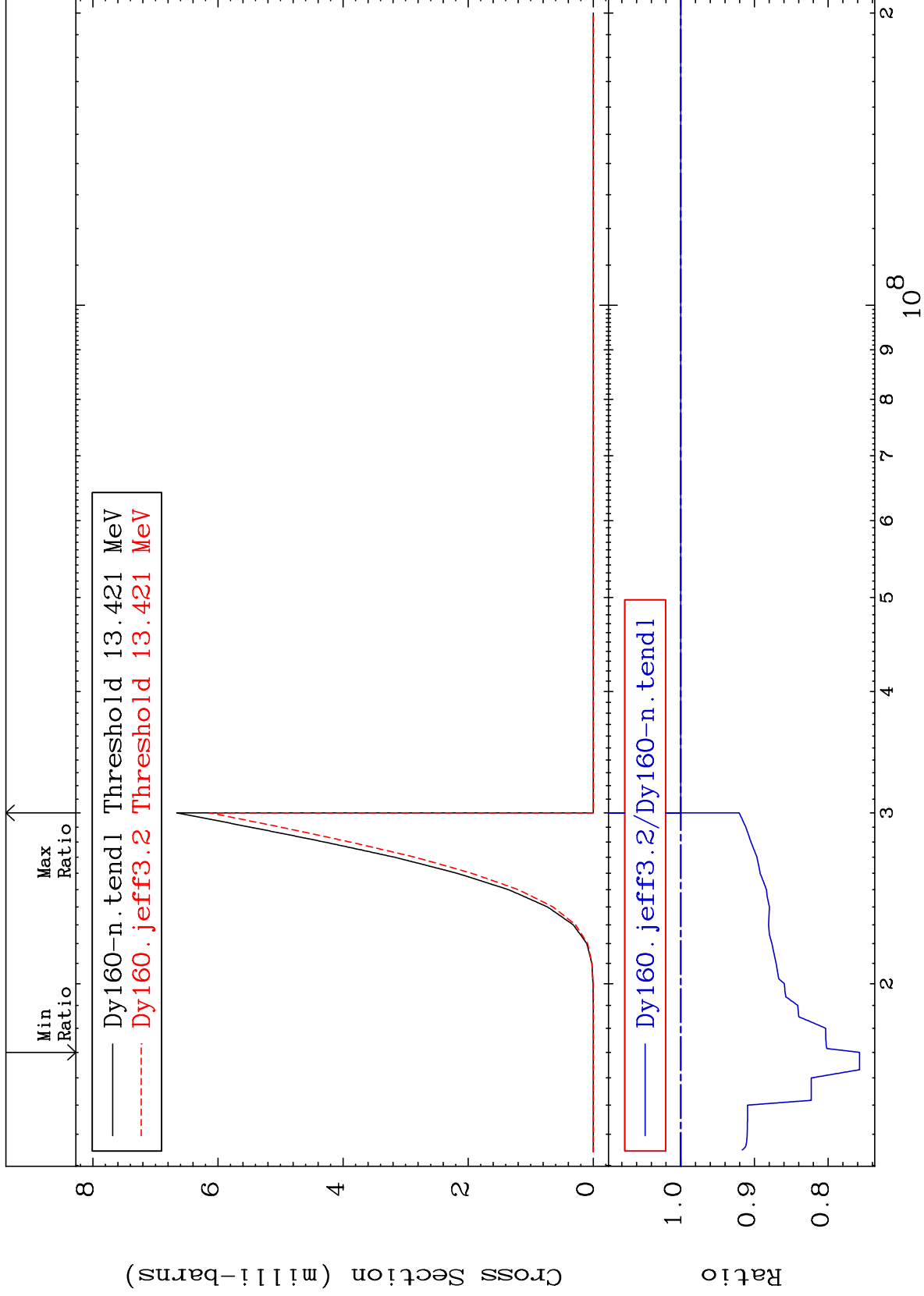


MAT 6637

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

66-Dy-160

Radionuclide Production Cross Section -24.26 To 0.000 %

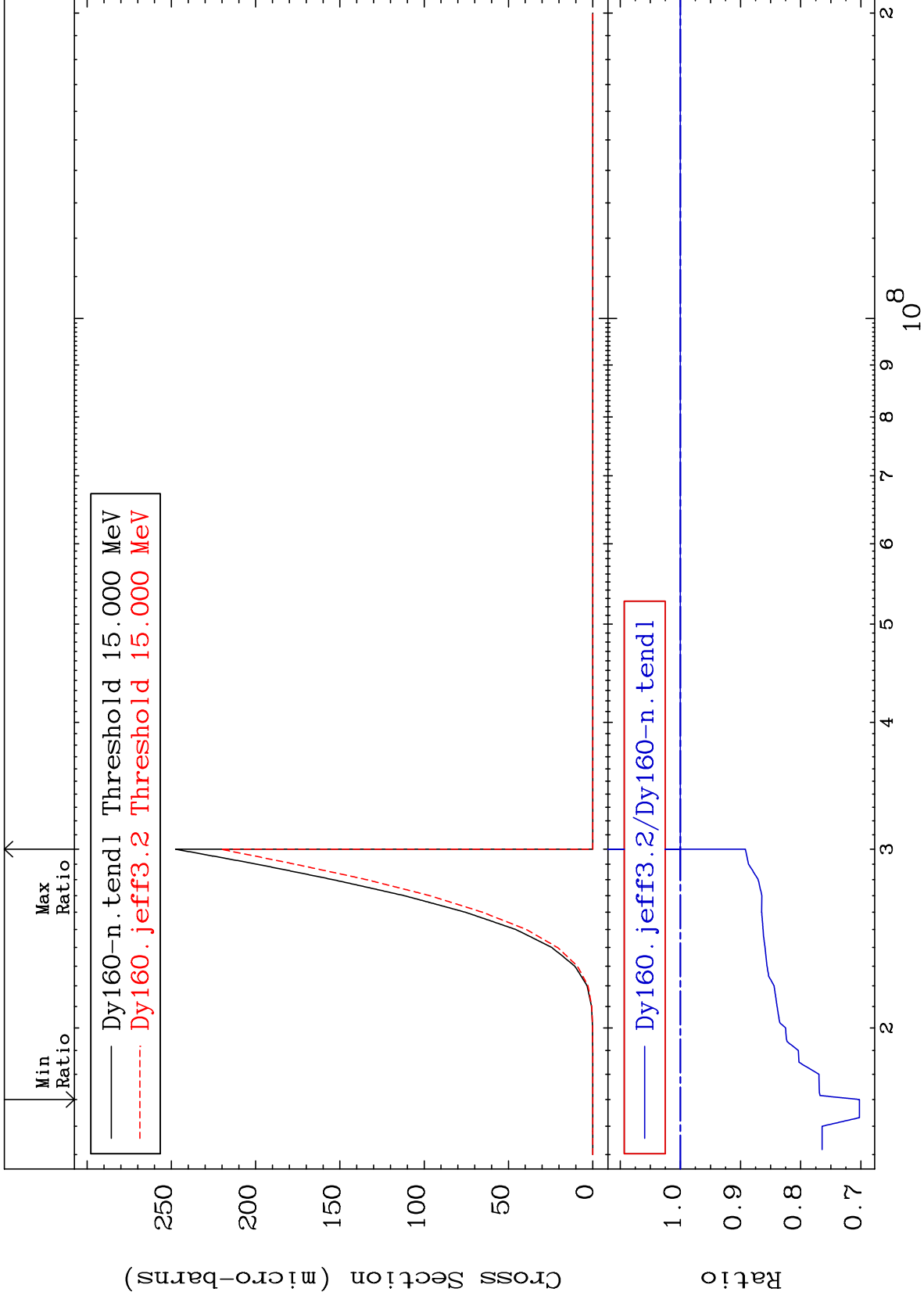


78

Incident Energy (eV)

66-Dy-160

Radionuclide Production Cross Section -29.76 To 0.000 %



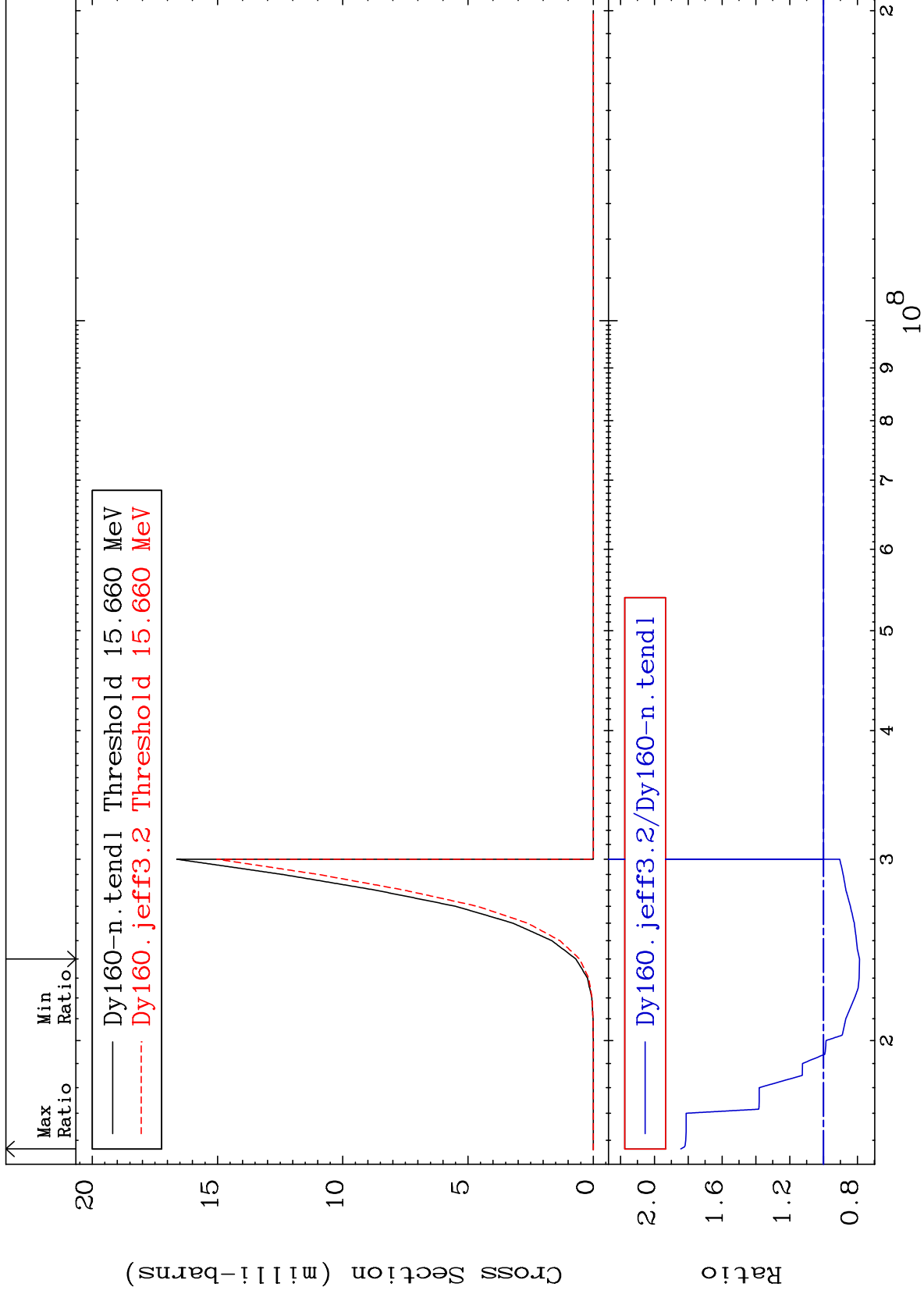
MAT 6637

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

66-Dy-160

Radionuclide Production Cross Section

-21.28 To 84.42 %



80

Incident Energy (eV)

66-Dy-160



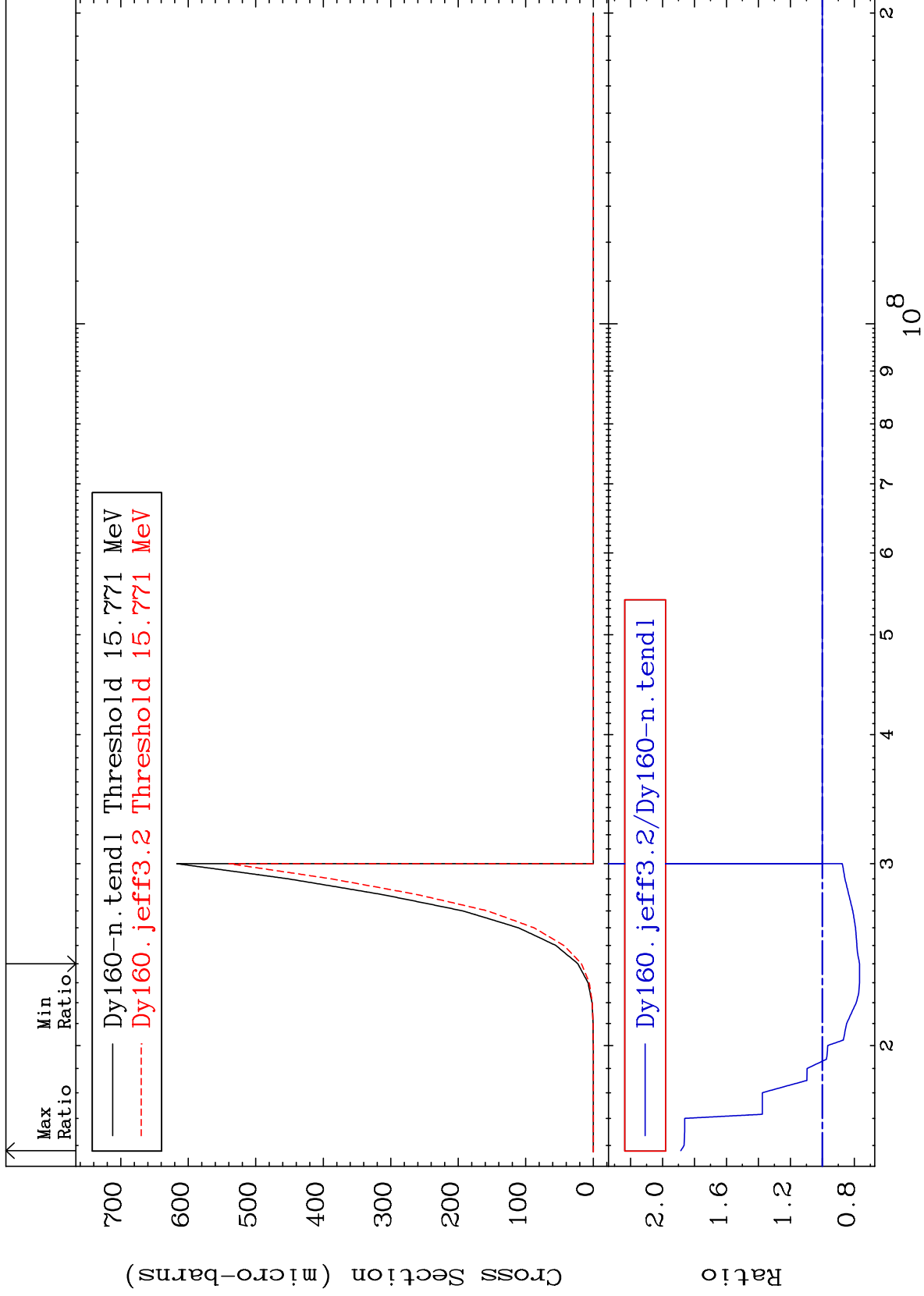
MAT 6637

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

66-Dy-160

Radionuclide Production Cross Section

-23.26 To 88.58 %

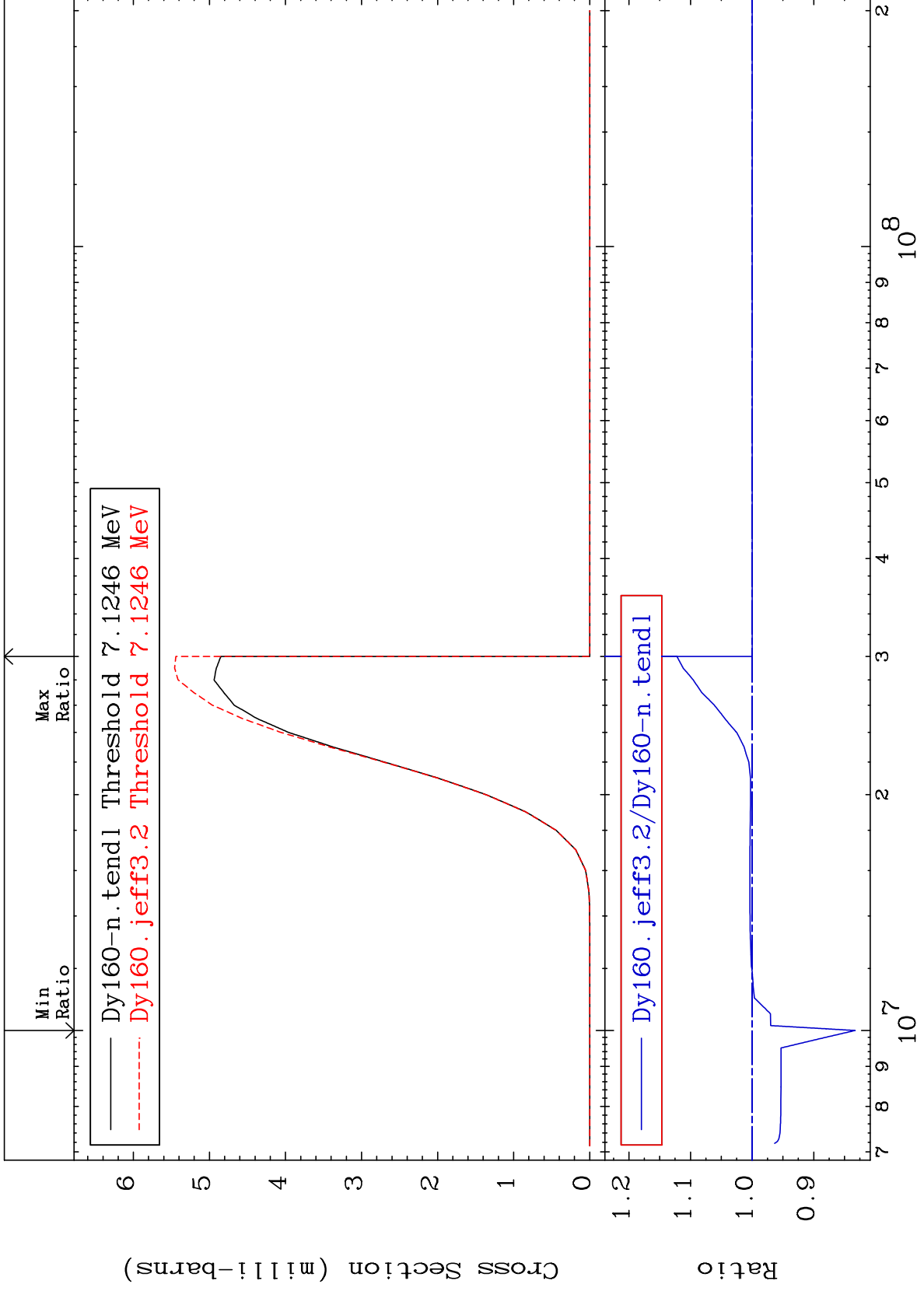


MAT 6637

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

66-Dy-160

Radionuclide Production Cross Section -16.71 To 12.21 %



Radionuclide Production Cross Section -5.733 To 10.89 %

