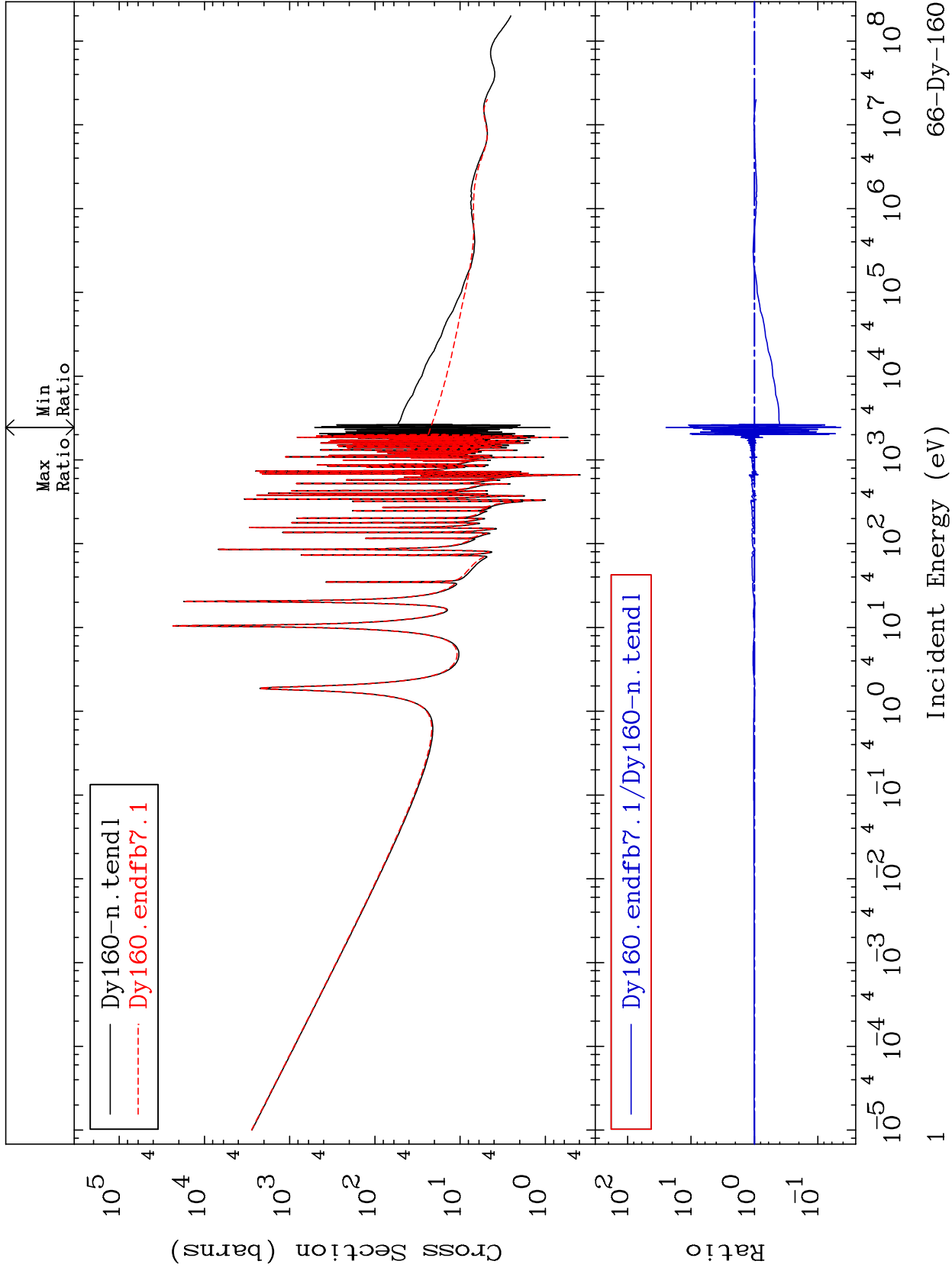


MAT 6637

Total Cross Section  
66-Dy-160  
-95.65 To 2385. %



66-Dy-160

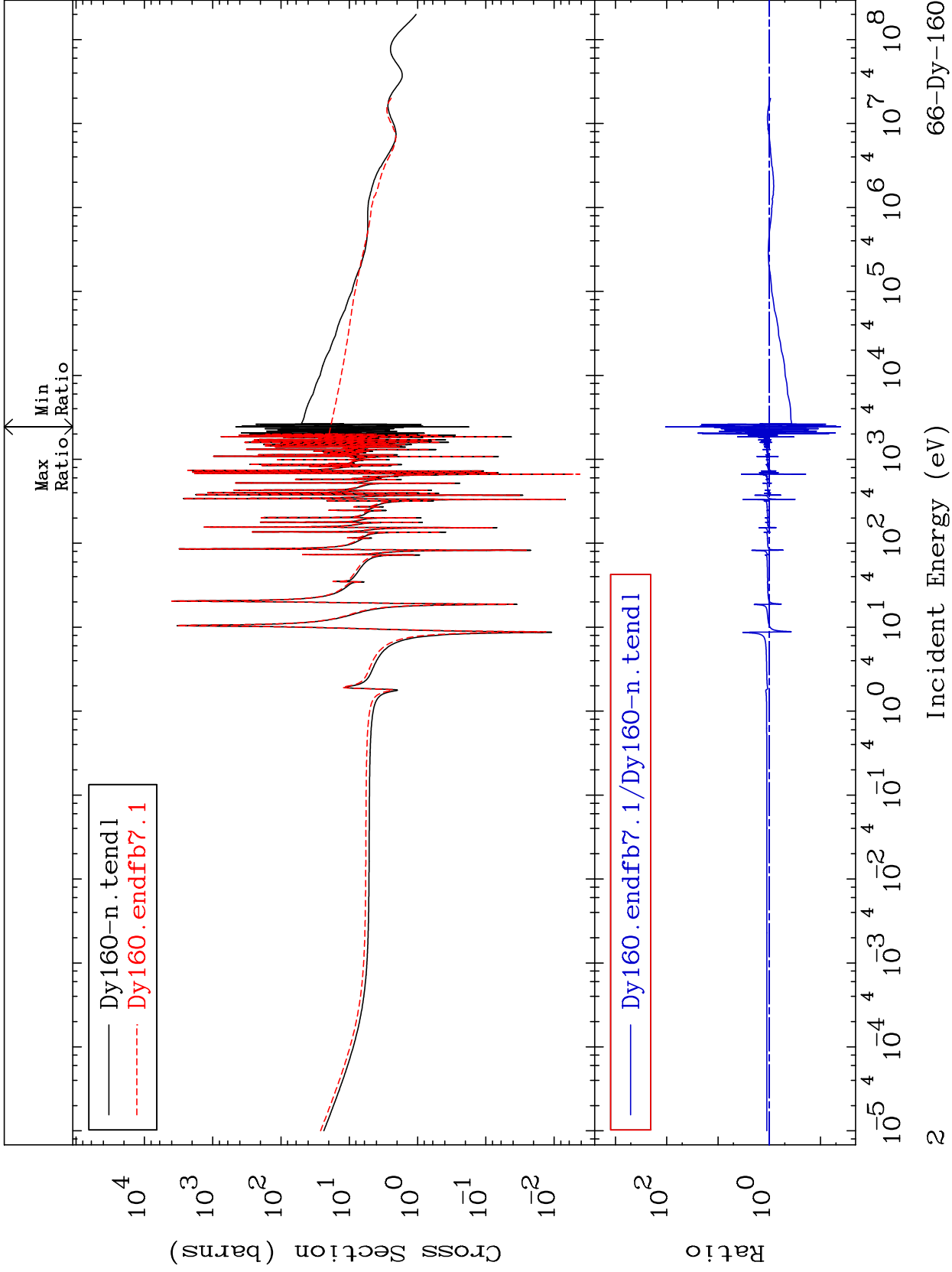
MAT 6637

Elastic

Cross Section

66-Dy-160

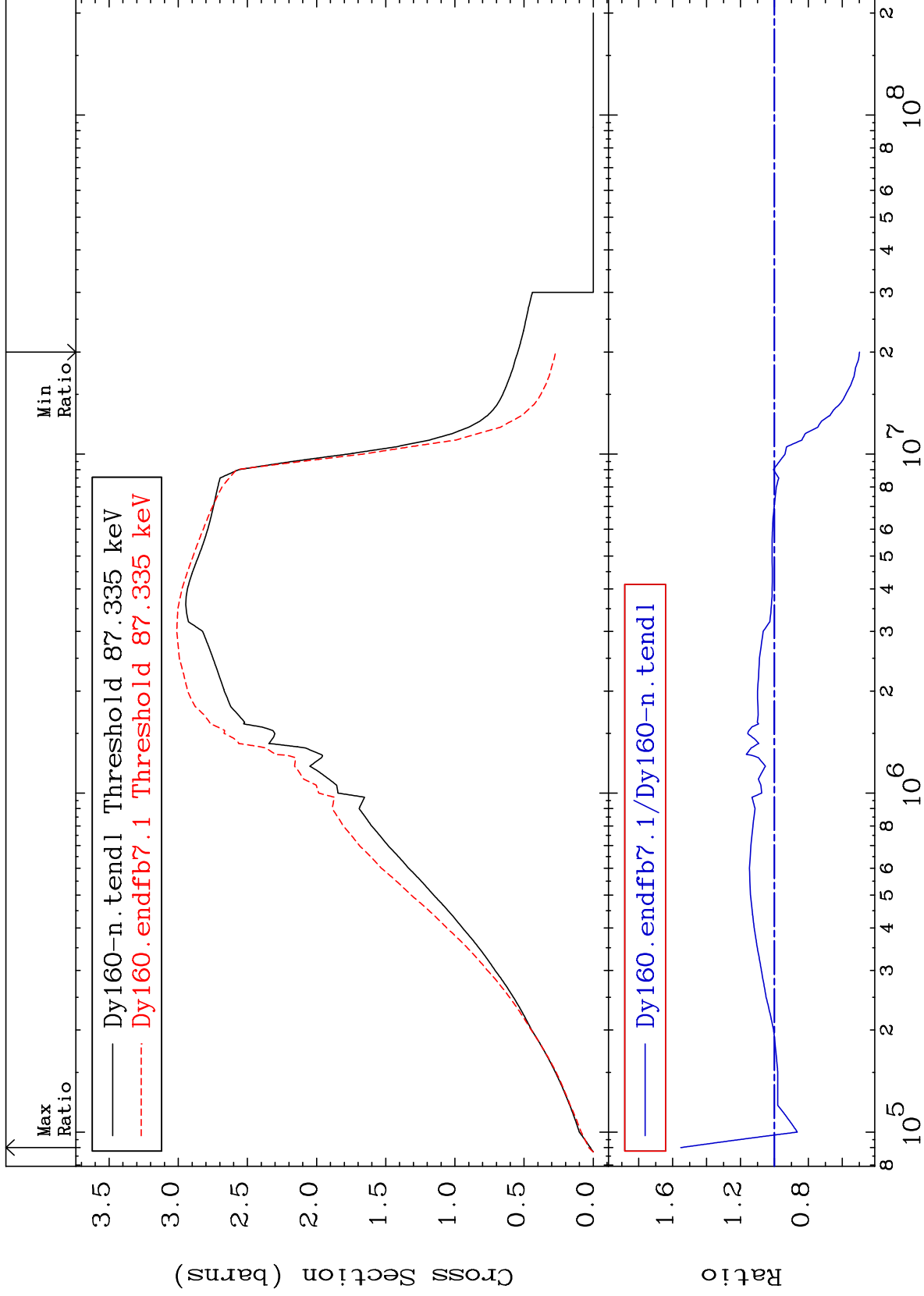
-95.95 To 9999. %



MAT 6637

Inelastic  
Cross Section

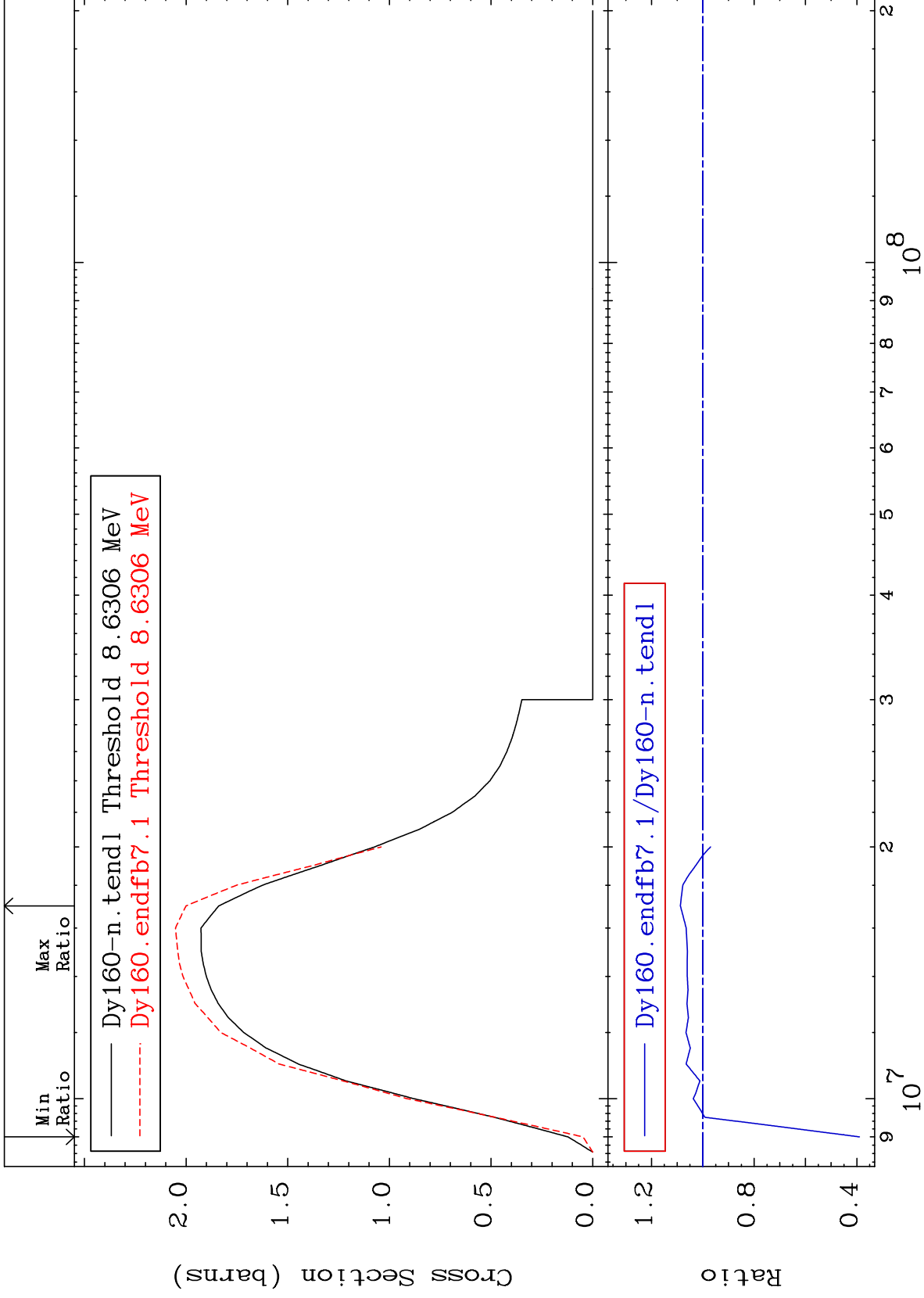
66-Dy-160  
-50.13 To 55.22 %



MAT 6637

(n,2n)  
Cross Section

66-Dy-160  
-61.01 To 8.756 %



4

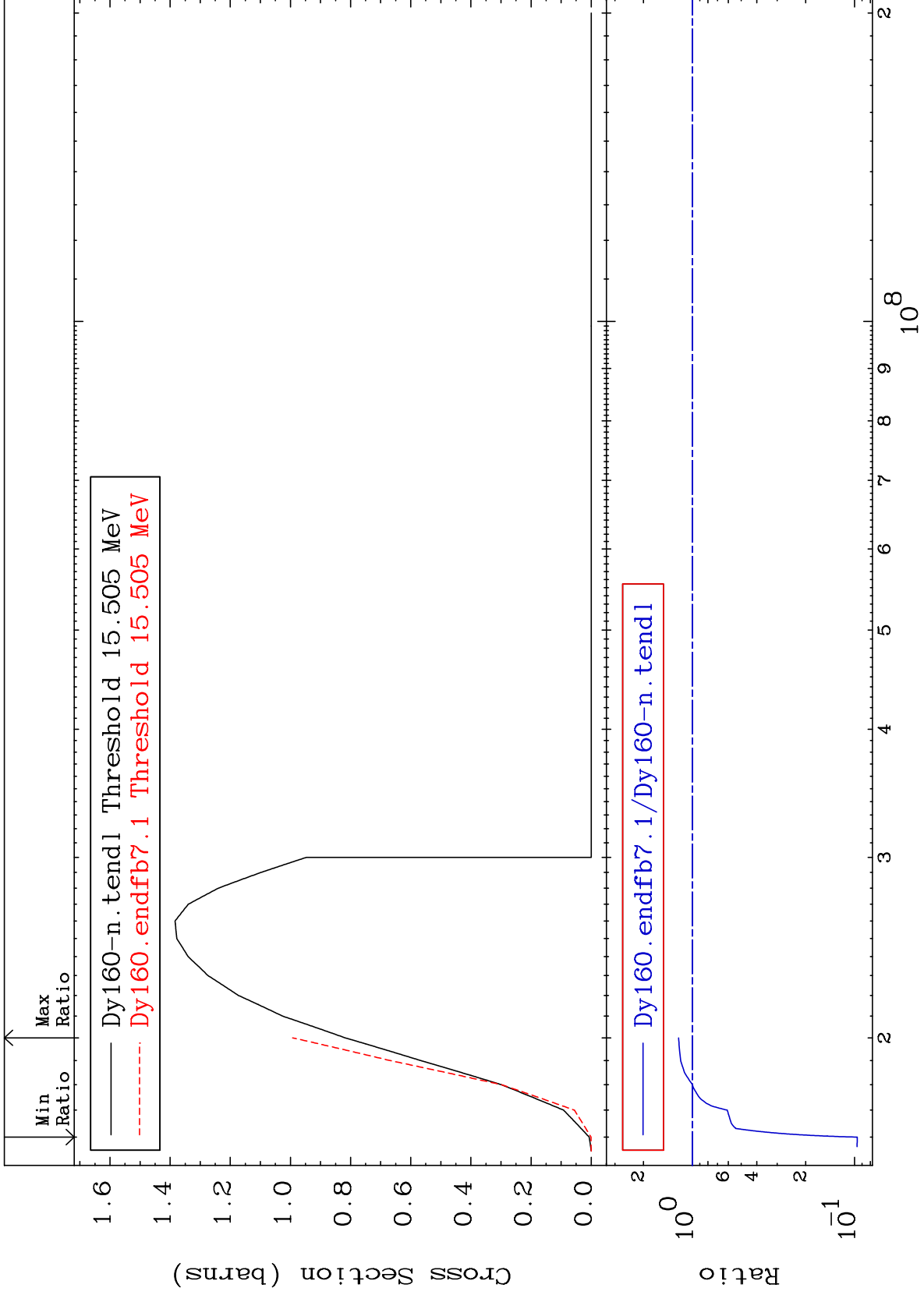
66-Dy-160

66-Dy-160

MAT 6637

(n,3n)  
Cross Section

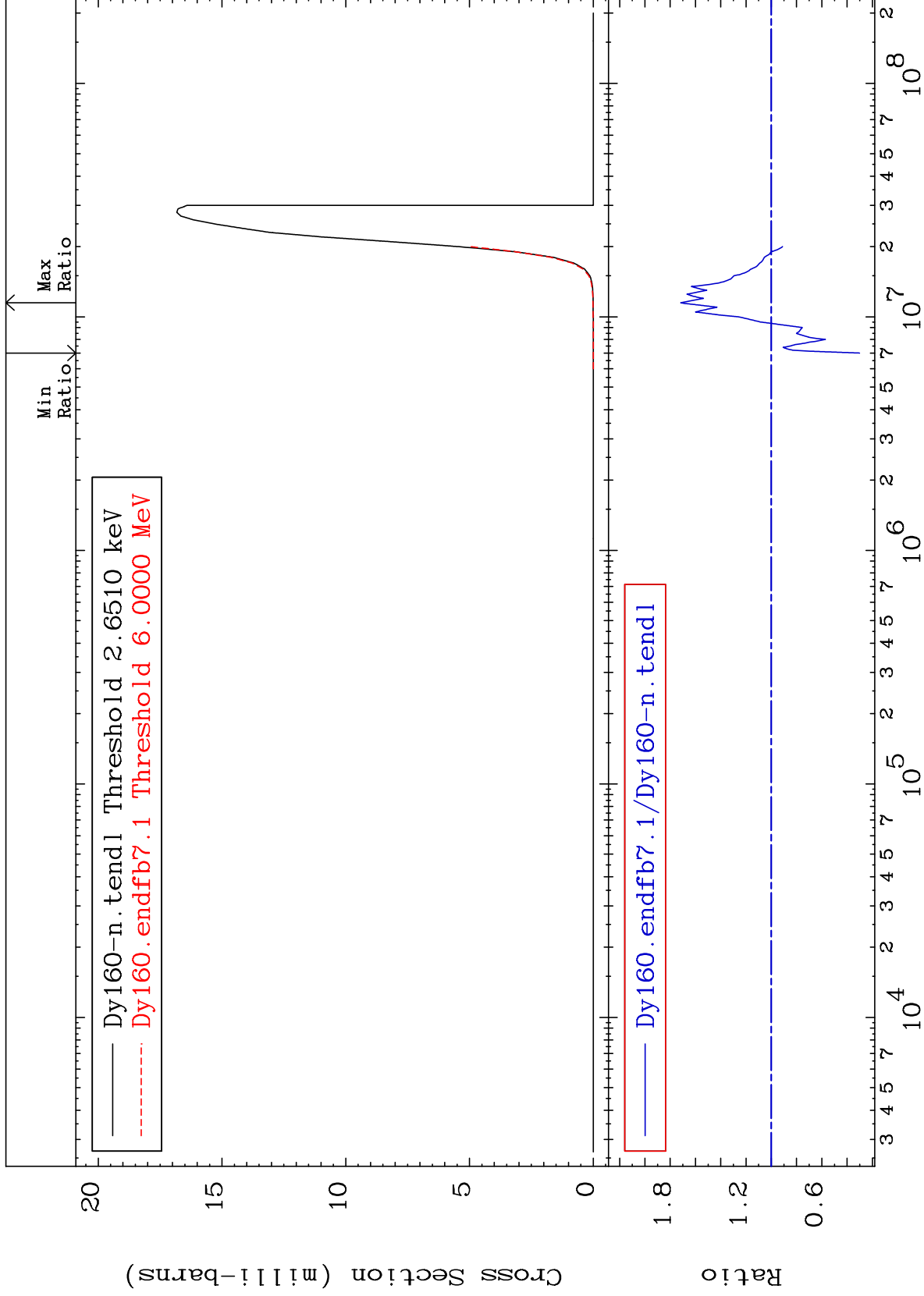
66-Dy-160  
-90.37 To 21.36 %



MAT 6637

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

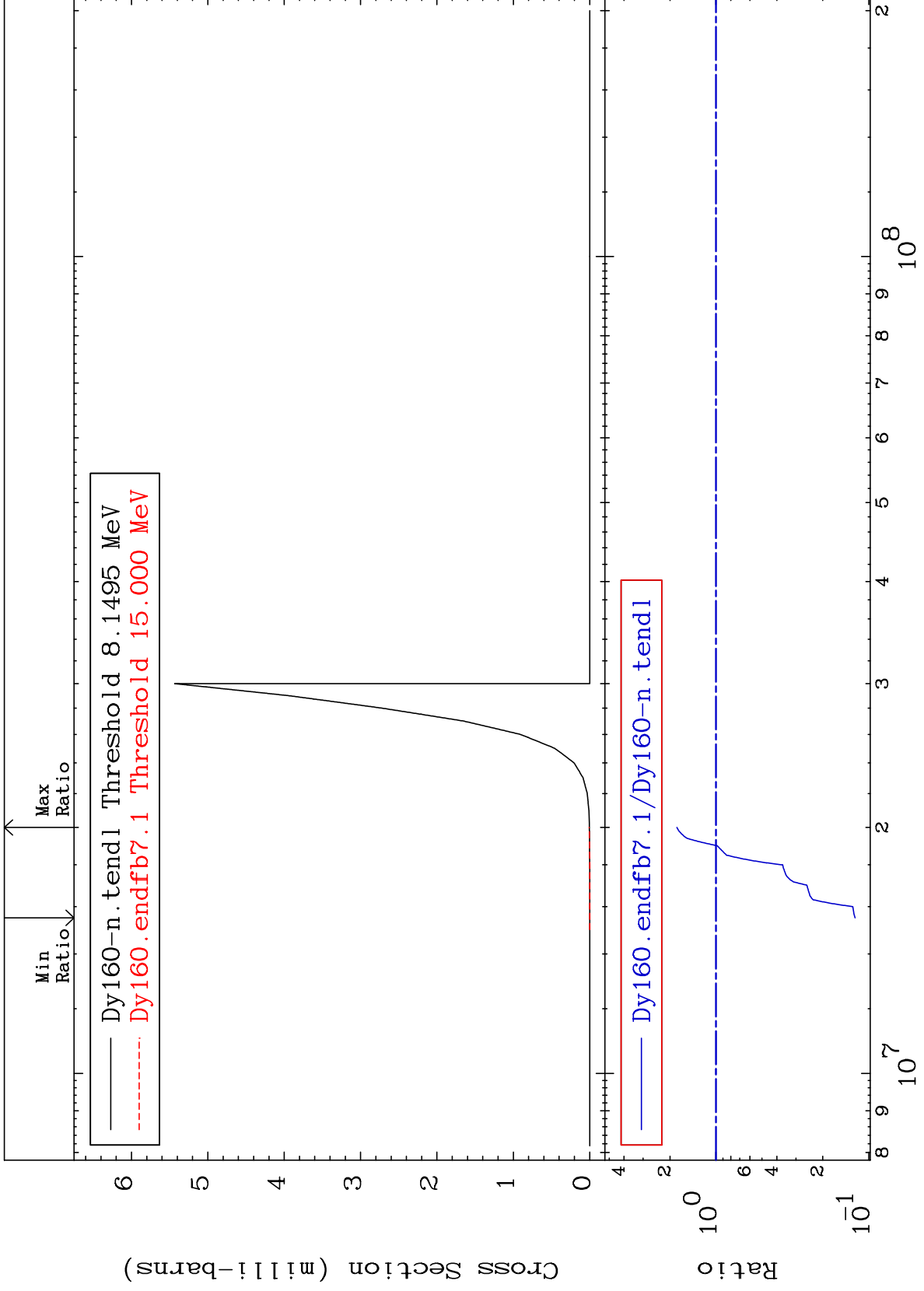
66-Dy-160  
-69.84 To 71.63 %



MAT 6637

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

66-Dy-160  
-87.71 To 80.15 %



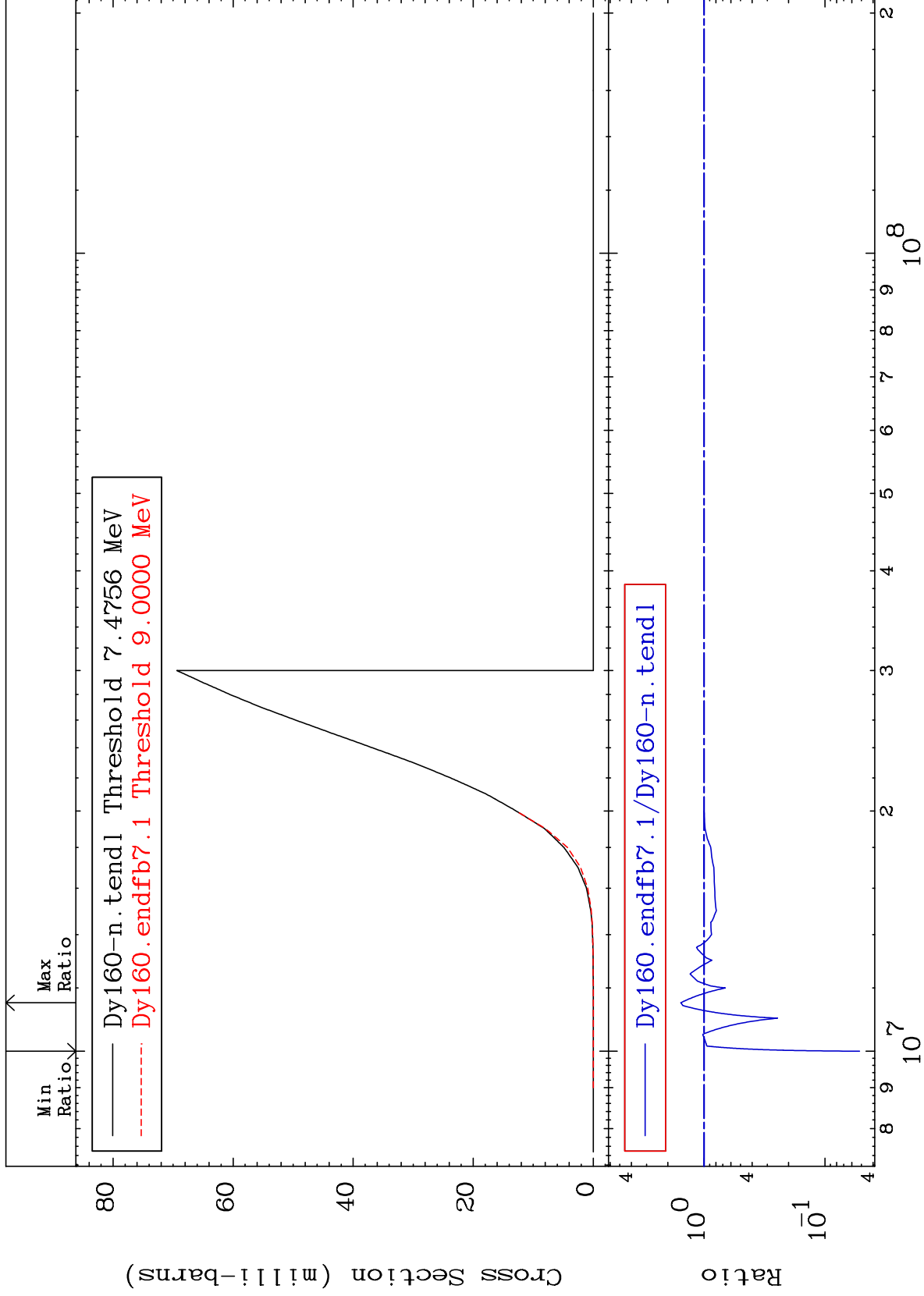
Incident Energy (eV)

66-Dy-160

MAT 6637

(n, n') p  
Cross Section

66-Dy-160  
-94.83 To 56.12 %



8

Incident Energy (eV)

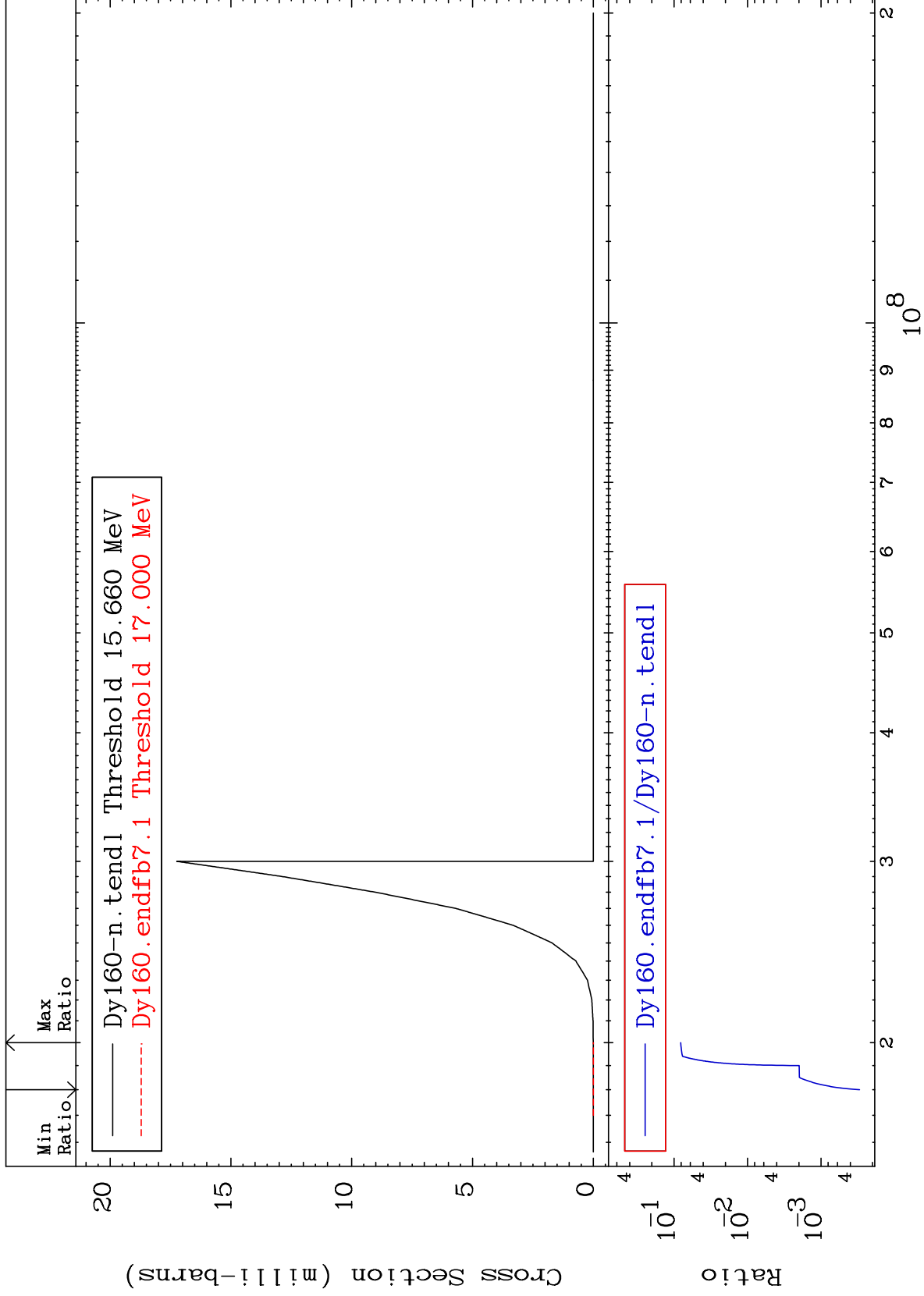
66-Dy-160



MAT 6637

(n,2n) p  
Cross Section

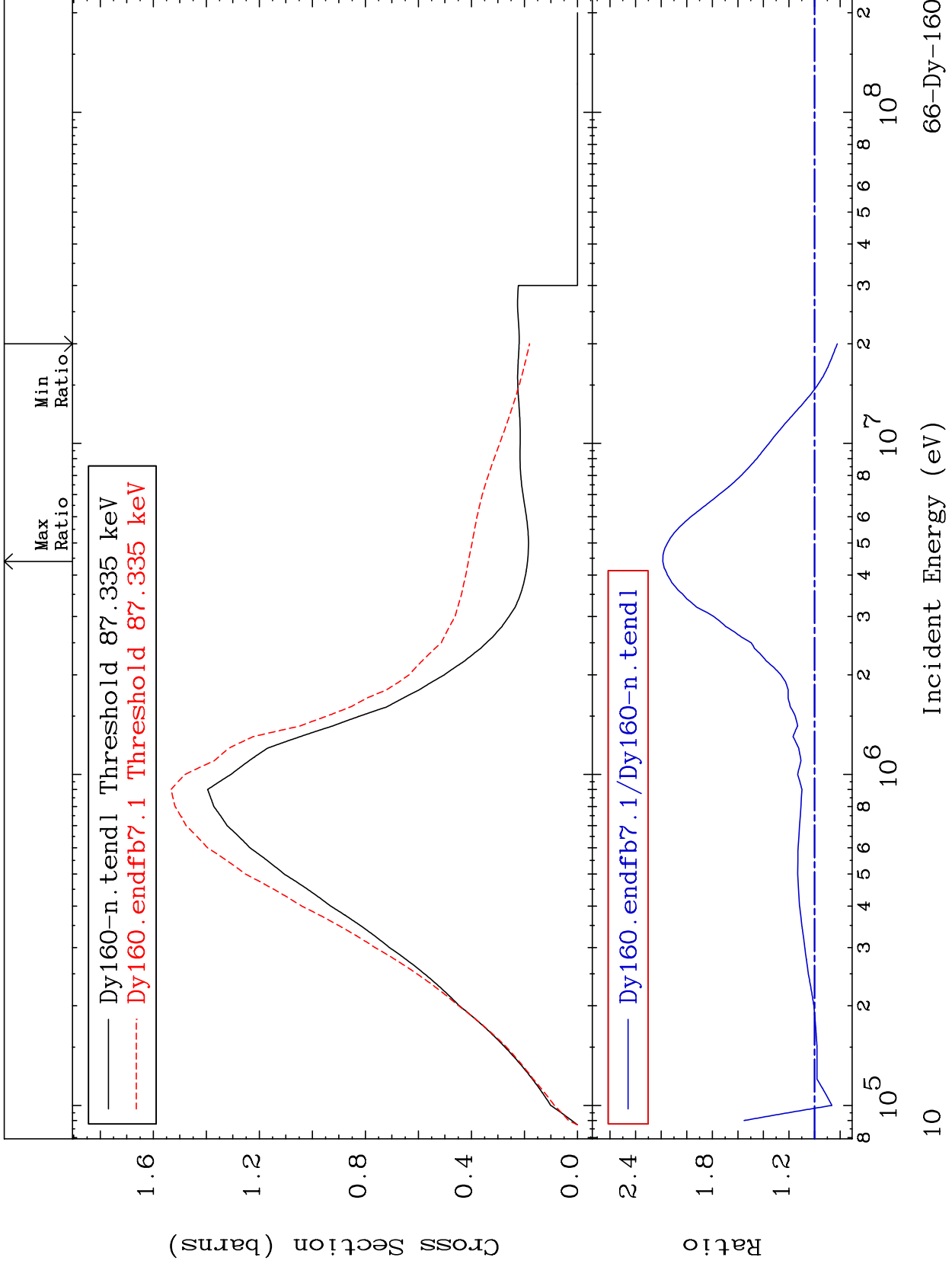
66-Dy-160  
-99.97 To -91.91%



MAT 6637

86.79 keV (n,n') Level  
Cross Section

66-Dy-160  
-17.77 To 118.7 %

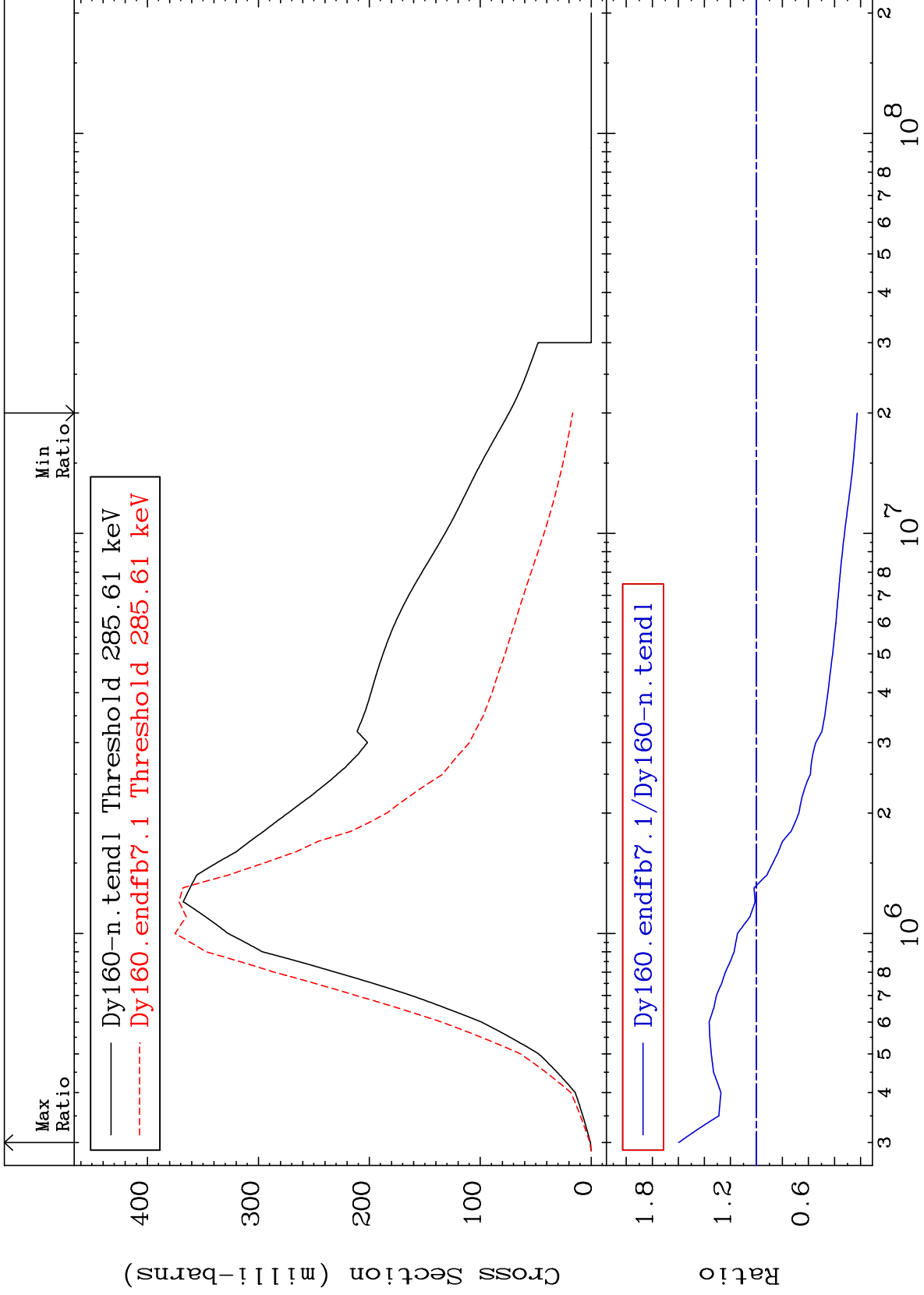


66-Dy-160

MAT 6637

283.8 keV (n,n') Level  
Cross Section

66-Dy-160  
-77.50 To 59.76 %



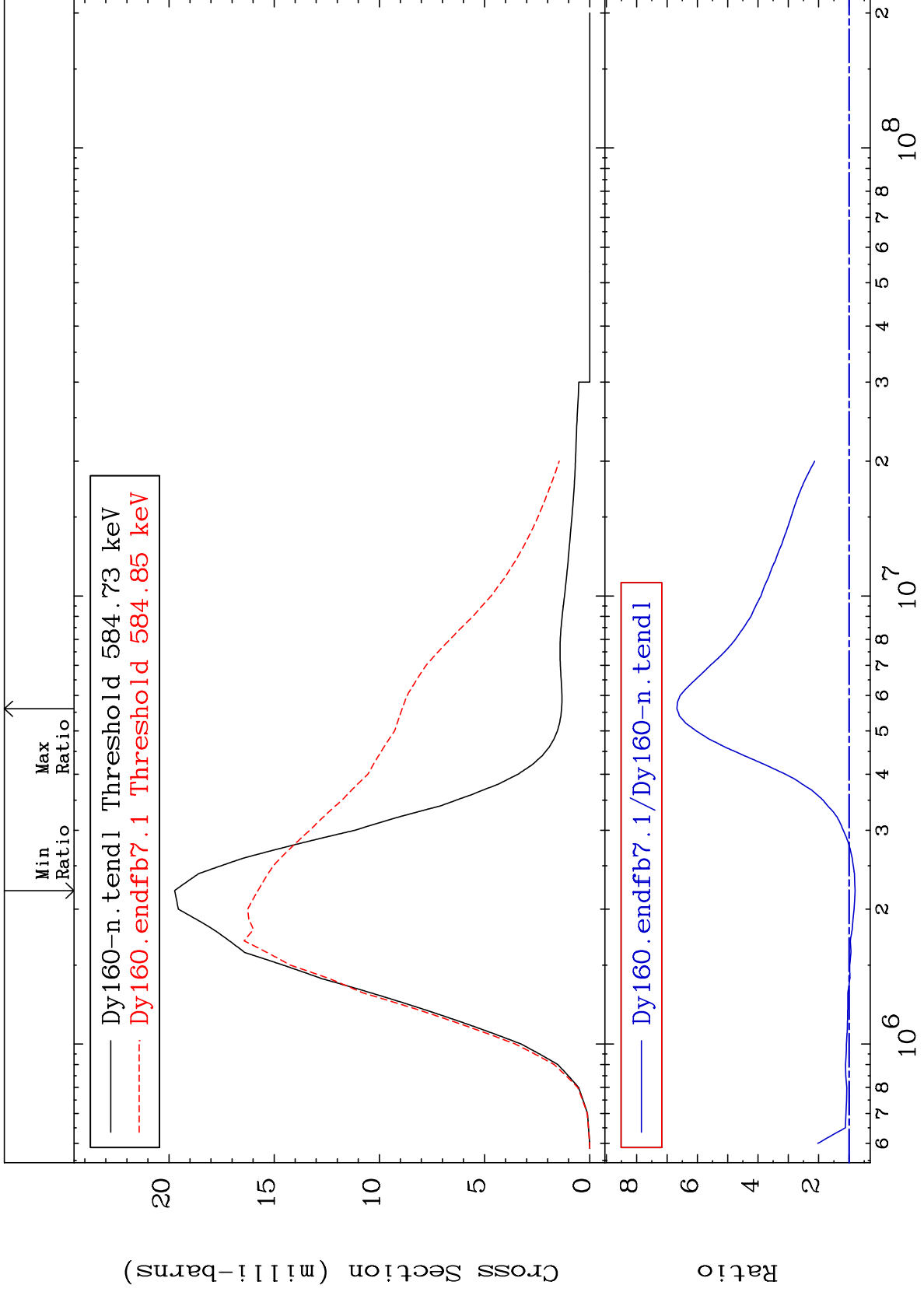
11

66-Dy-160

MAT 6637

581.1 keV (n,n') Level  
Cross Section

66-Dy-160  
-20.07 To 567.4 %



12

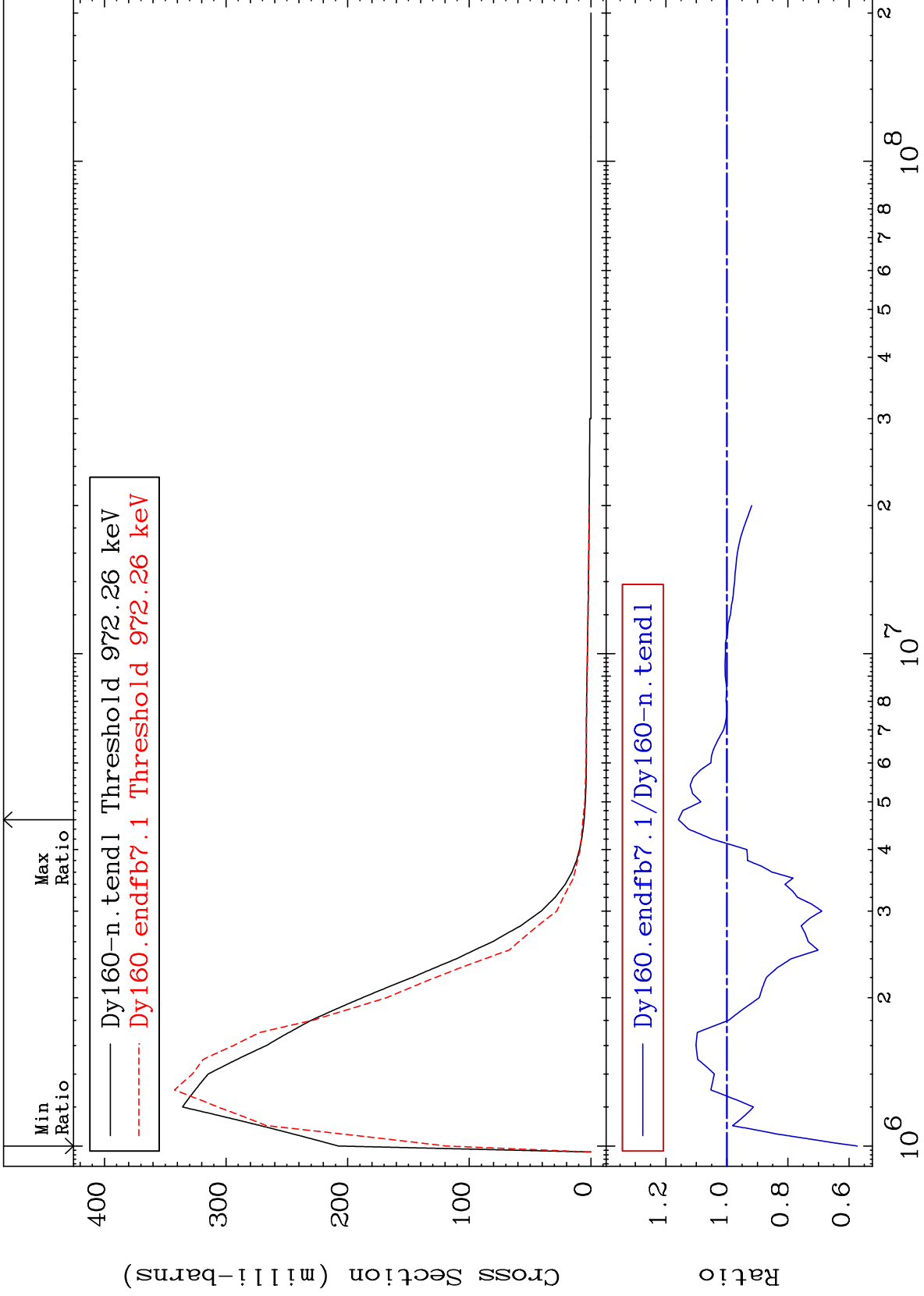
Incident Energy (eV)

66-Dy-160

MAT 6637

966.2 keV (n,n') Level  
Cross Section

66-Dy-160  
-42.69 To 15.87 %



13

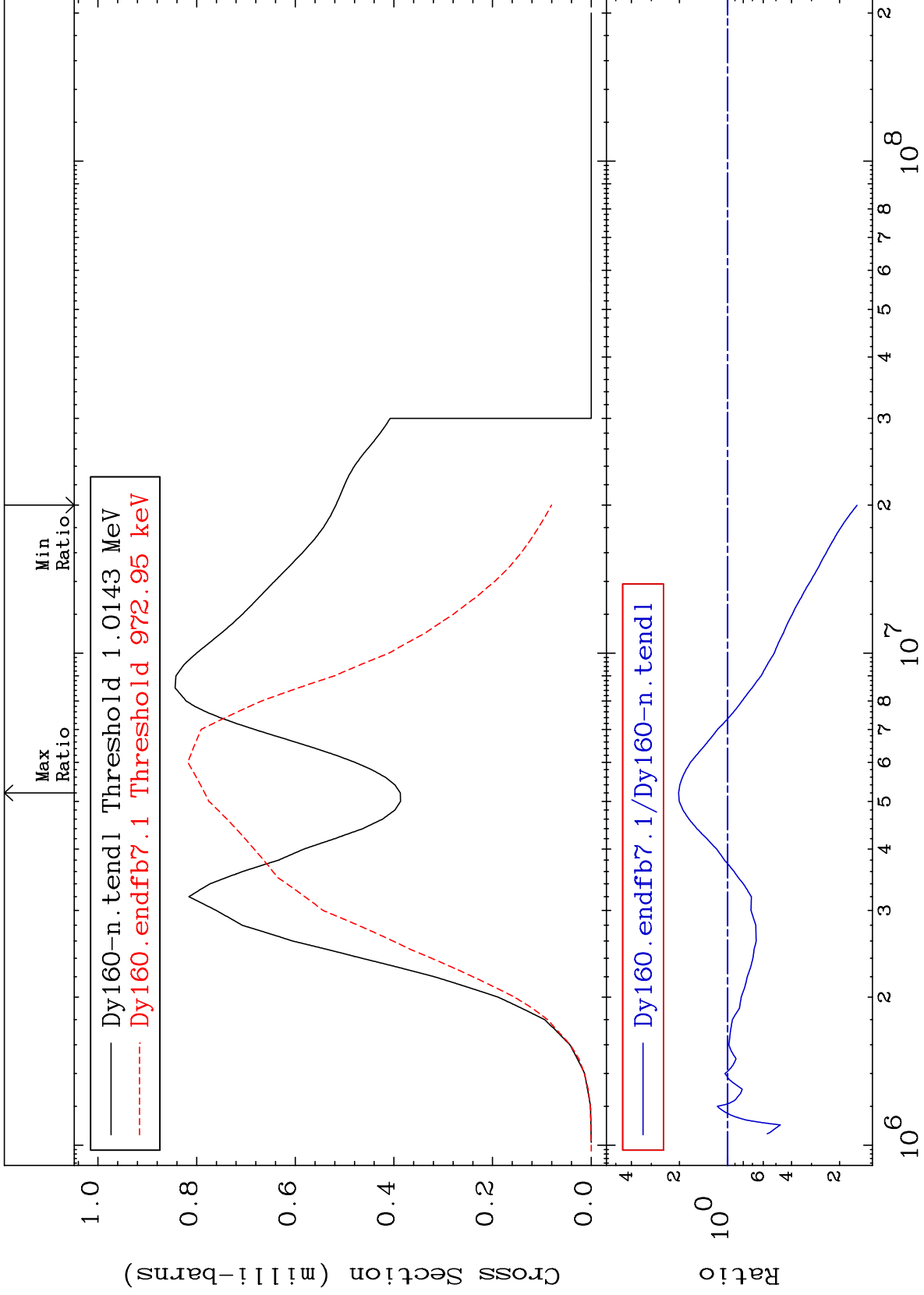
Incident Energy (eV)

66-Dy-160

MAT 6637

1.008 MeV (n,n') Level  
Cross Section

66-Dy-160  
-84.47 To 102.5 %



14

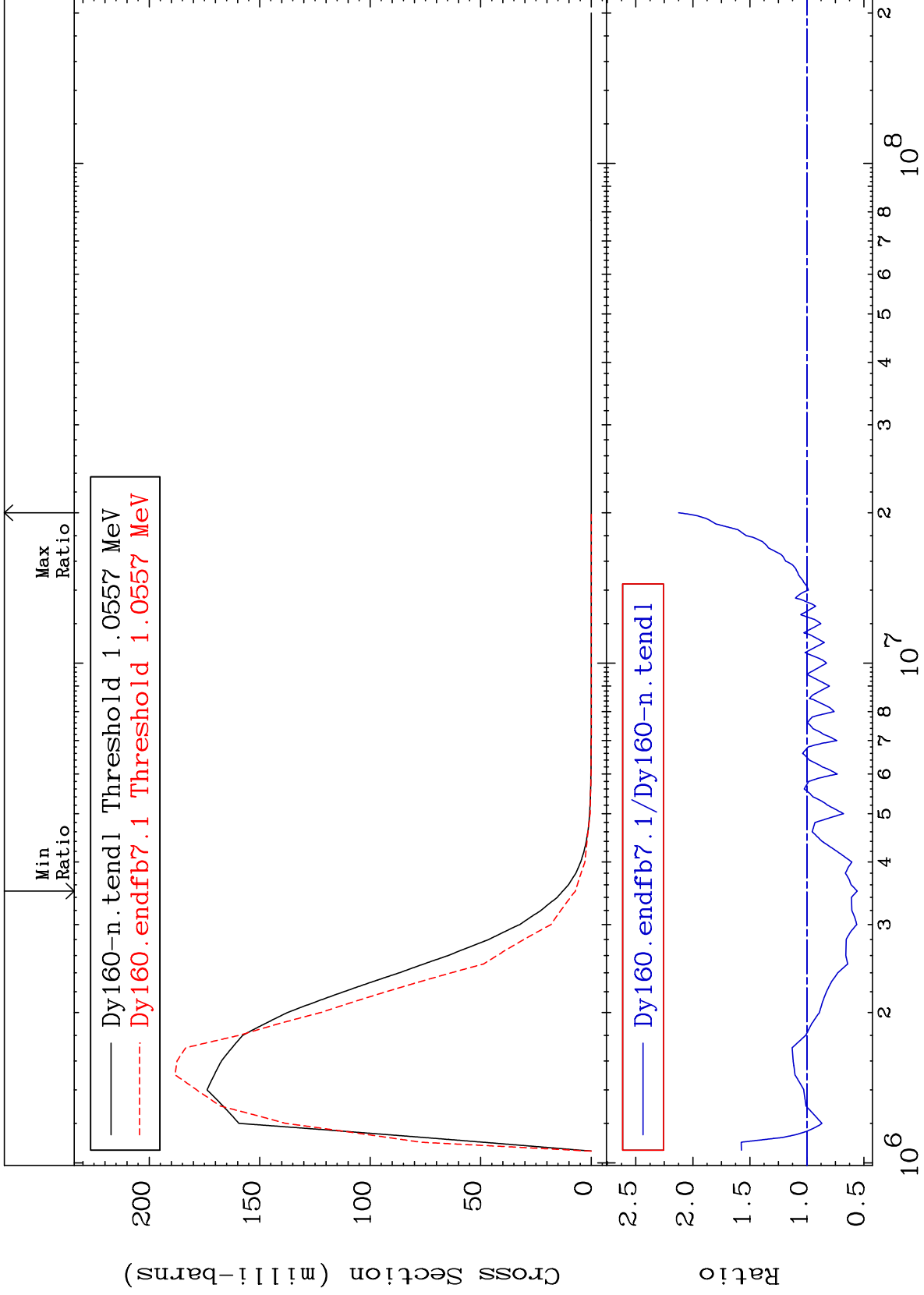
Incident Energy (eV)

66-Dy-160

MAT 6637

1.049 MeV (n,n') Level  
Cross Section

66-Dy-160  
-44.17 To 112.5 %



15

Incident Energy (eV)

66-Dy-160

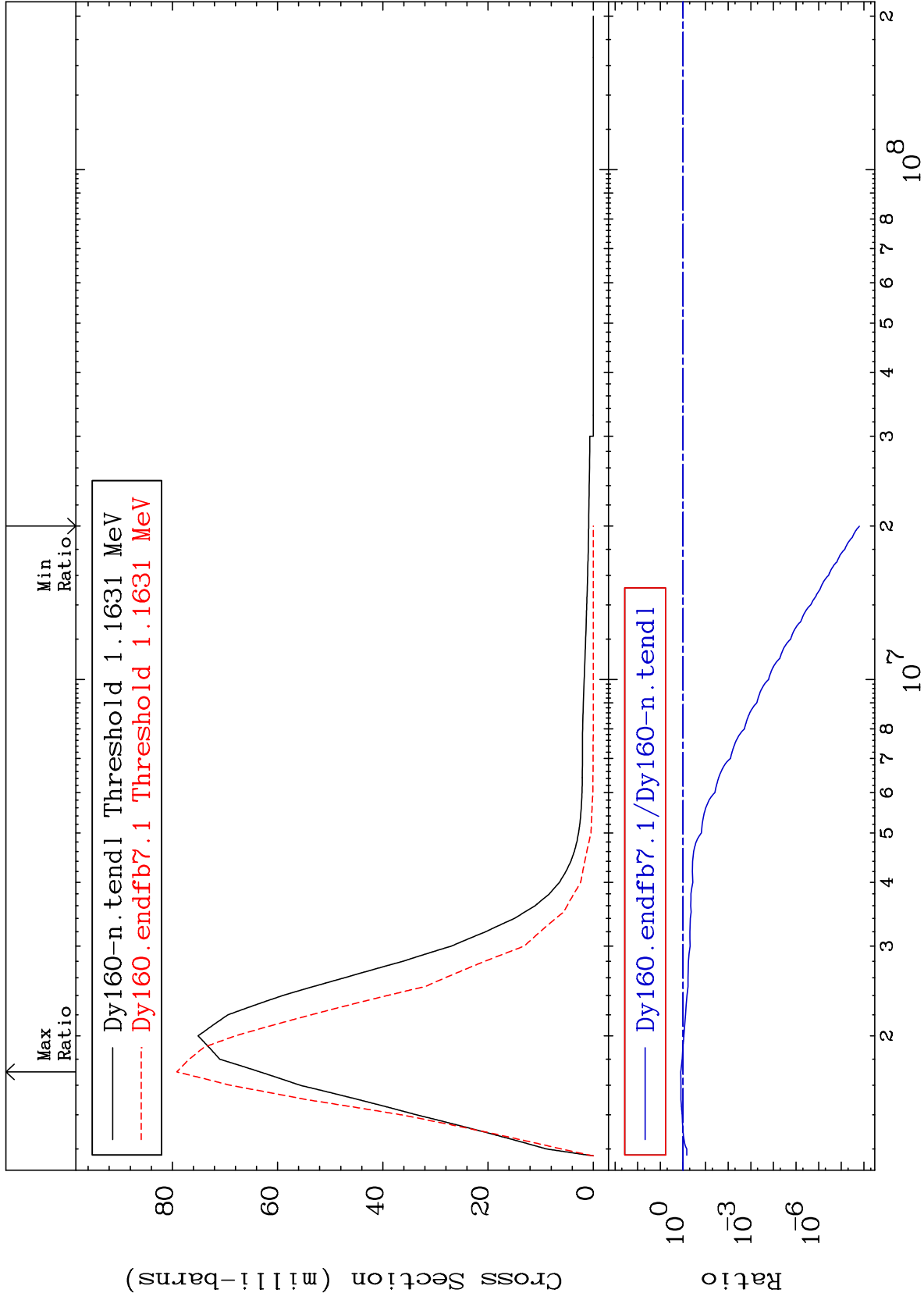
MAT 6637

1.156 MeV (n,n') Level

66-Dy-160

-100.0 To 24.97 %

Cross Section

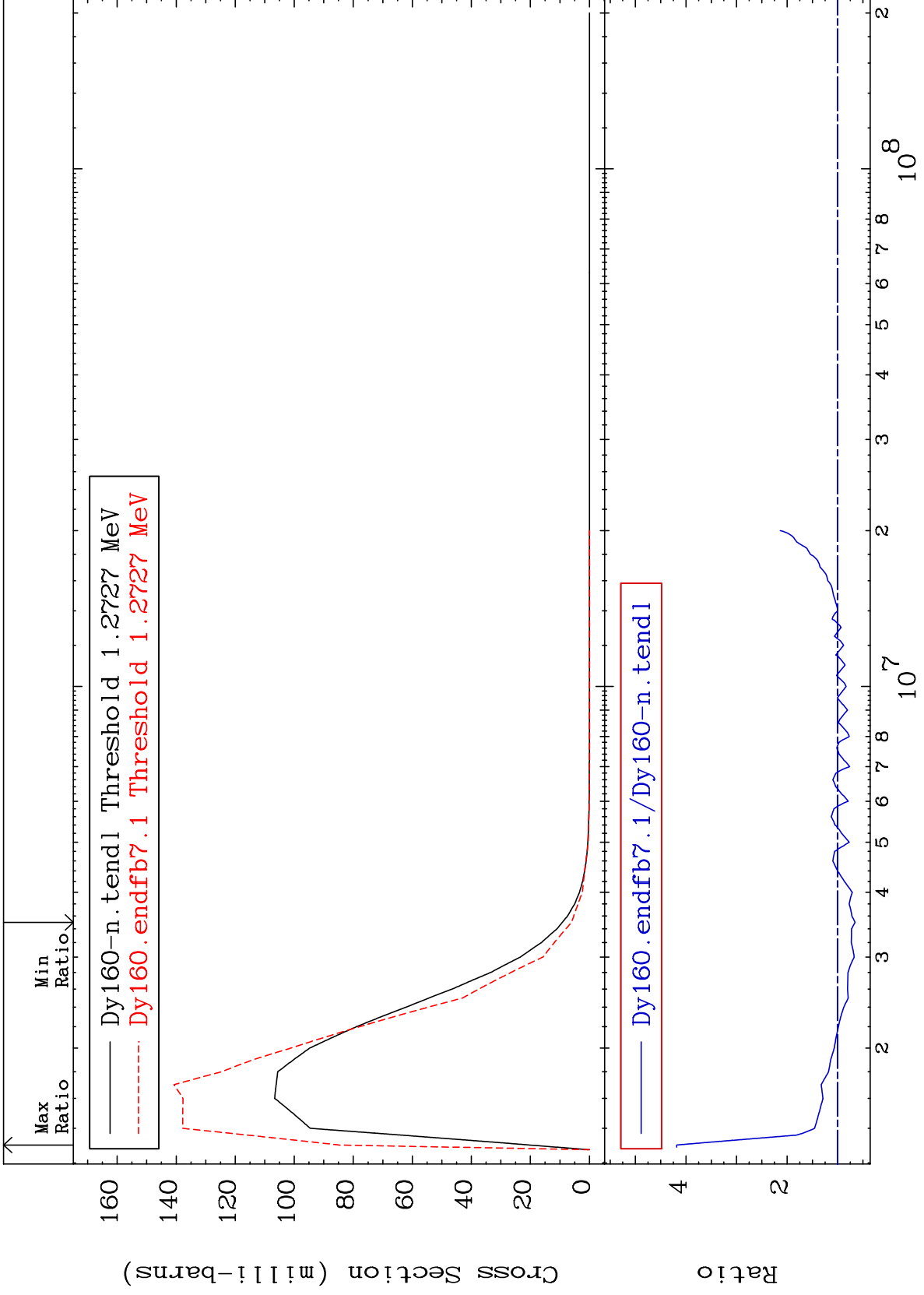




MAT 6637

1.265 MeV (n,n') Level  
Cross Section

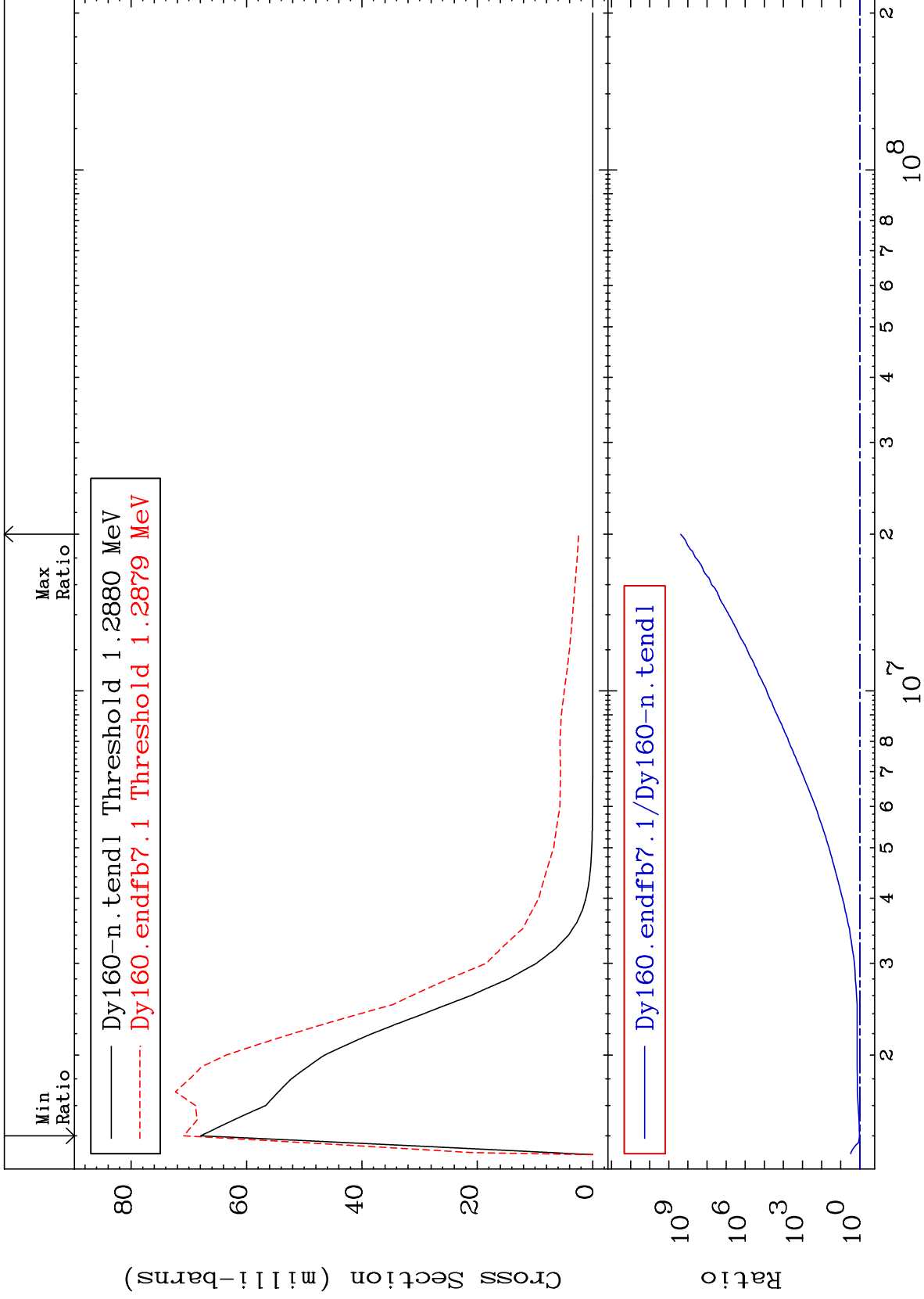
66-Dy-160  
-34.31 To 318.3 %



MAT 6637

1.280 MeV (n,n') Level  
Cross Section

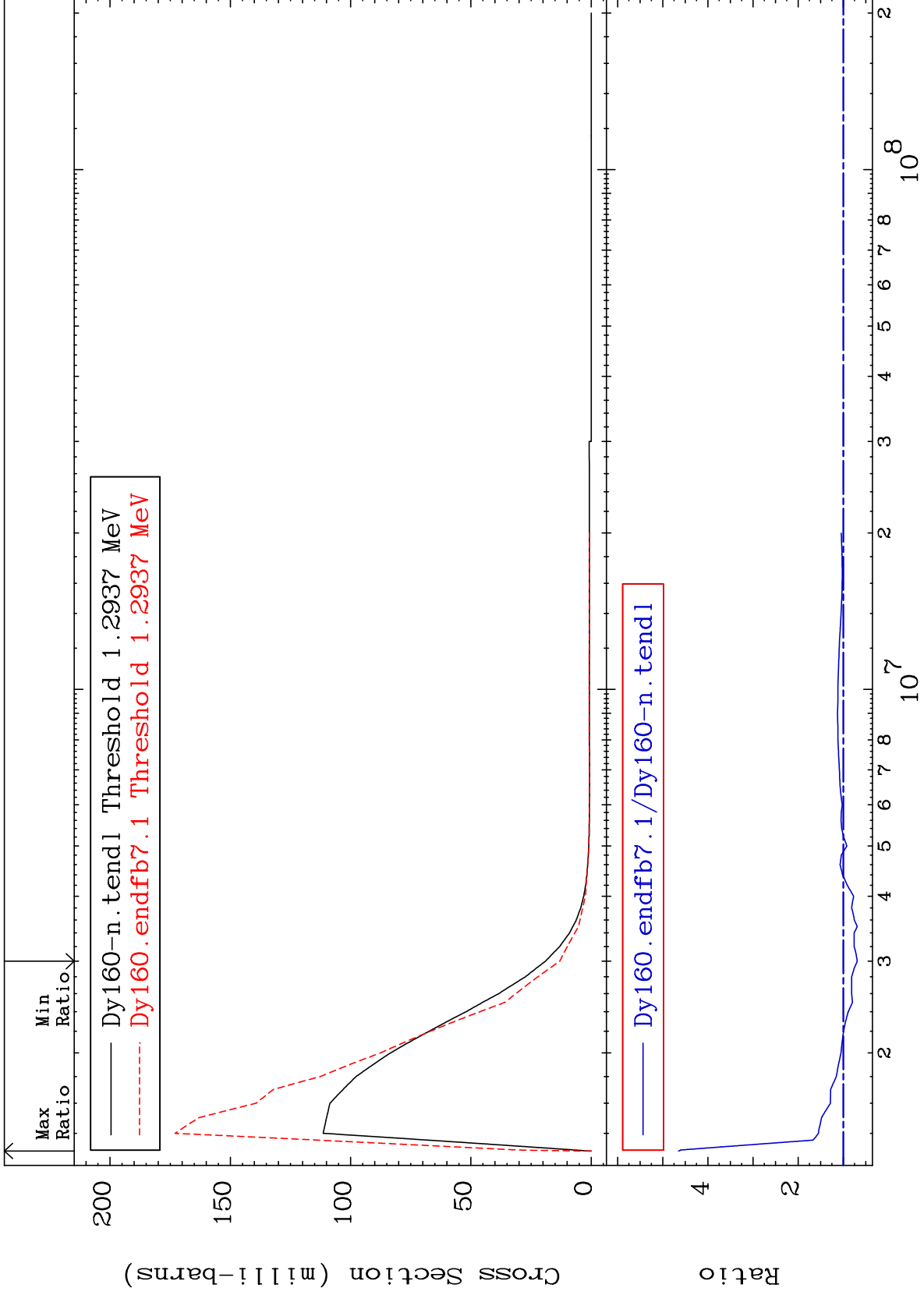
66-Dy-160  
4.372 To 9999. %



MAT 6637

1.286 MeV (n,n') Level  
Cross Section

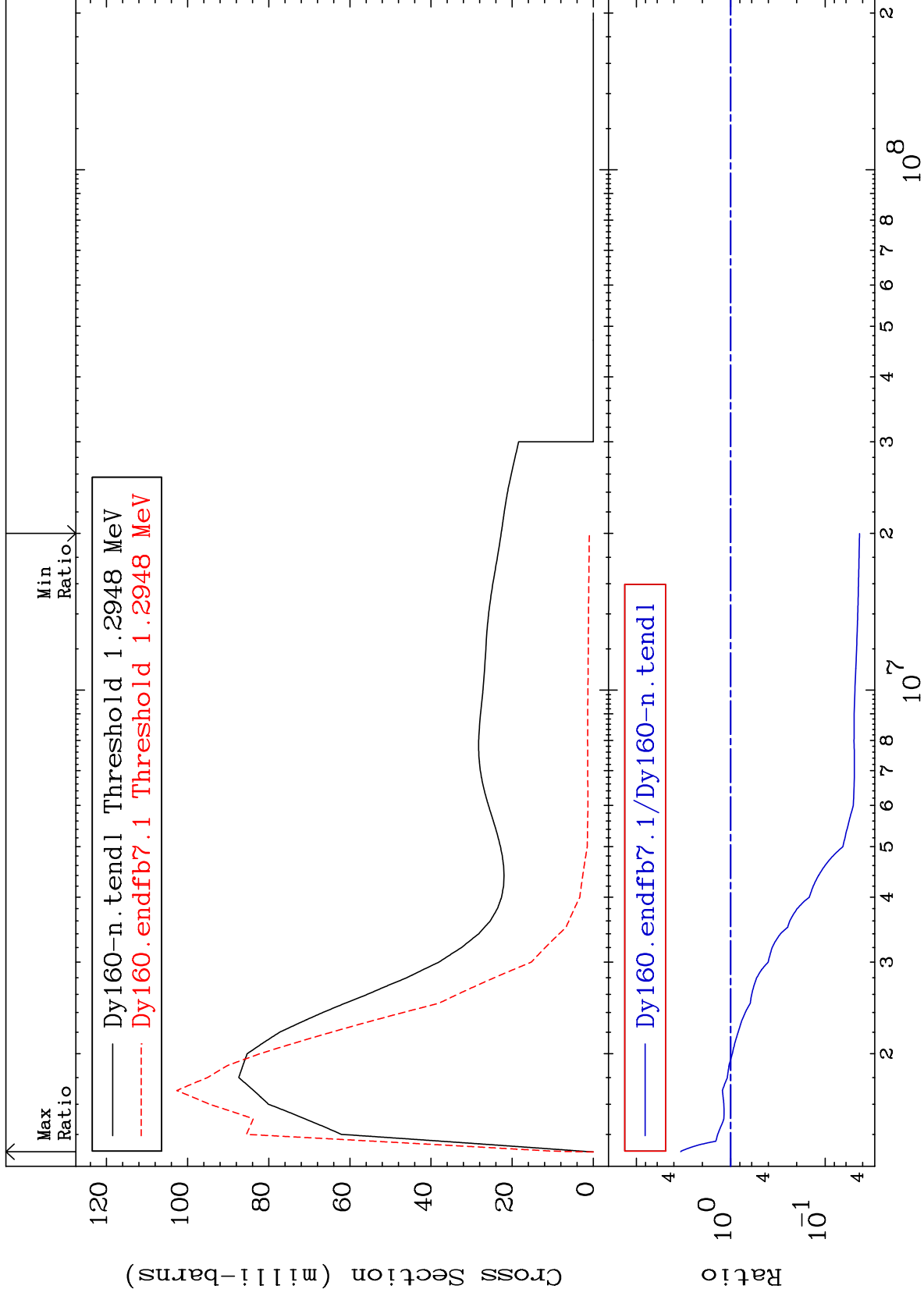
66-Dy-160  
-31.08 To 364.7 %



MAT 6637

1.287 MeV (n,n') Level  
Cross Section

66-Dy-160  
-95.68 To 238.4 %



20

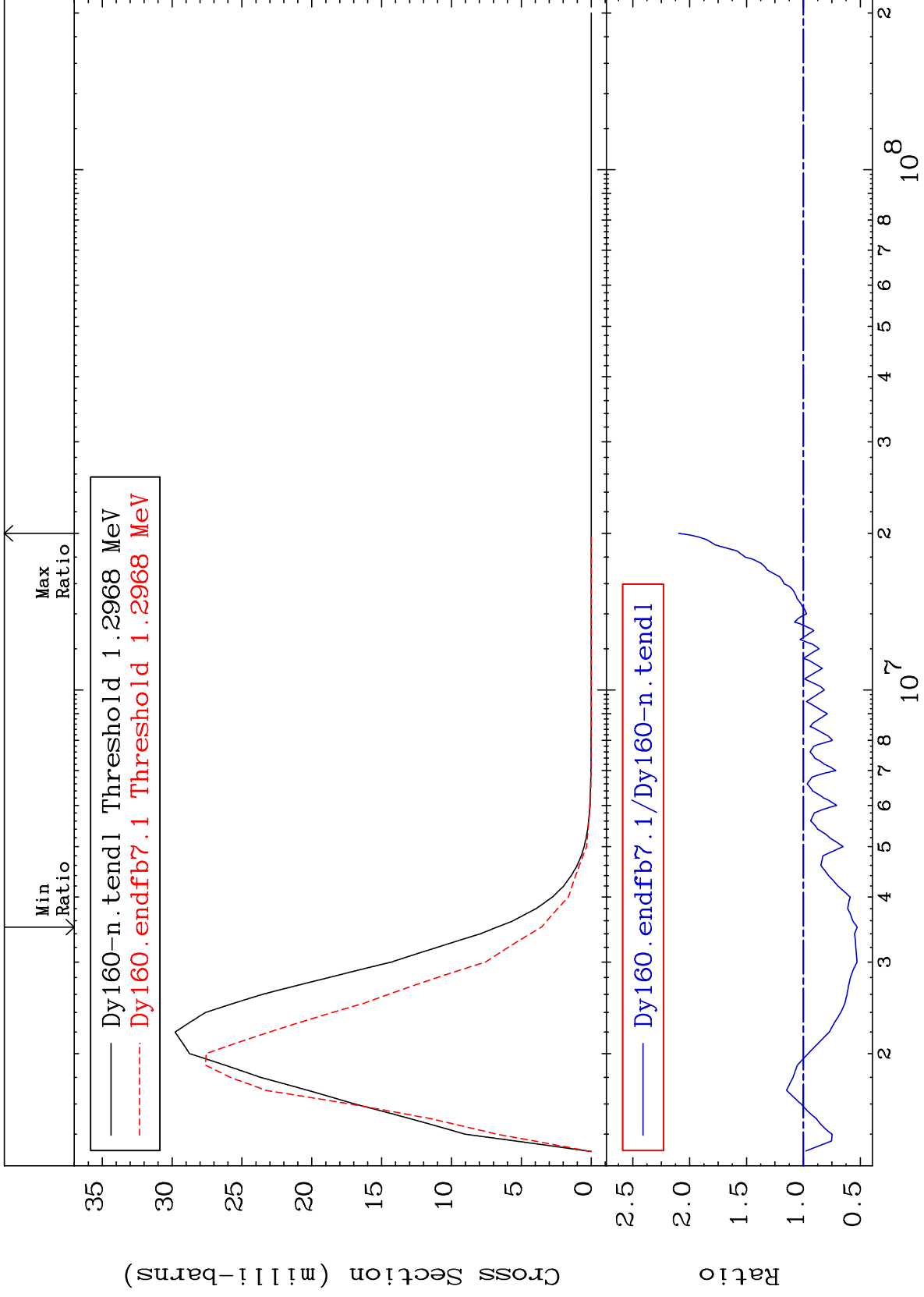
66-Dy-160

66-Dy-160

MAT 6637

1.289 MeV (n,n') Level  
Cross Section

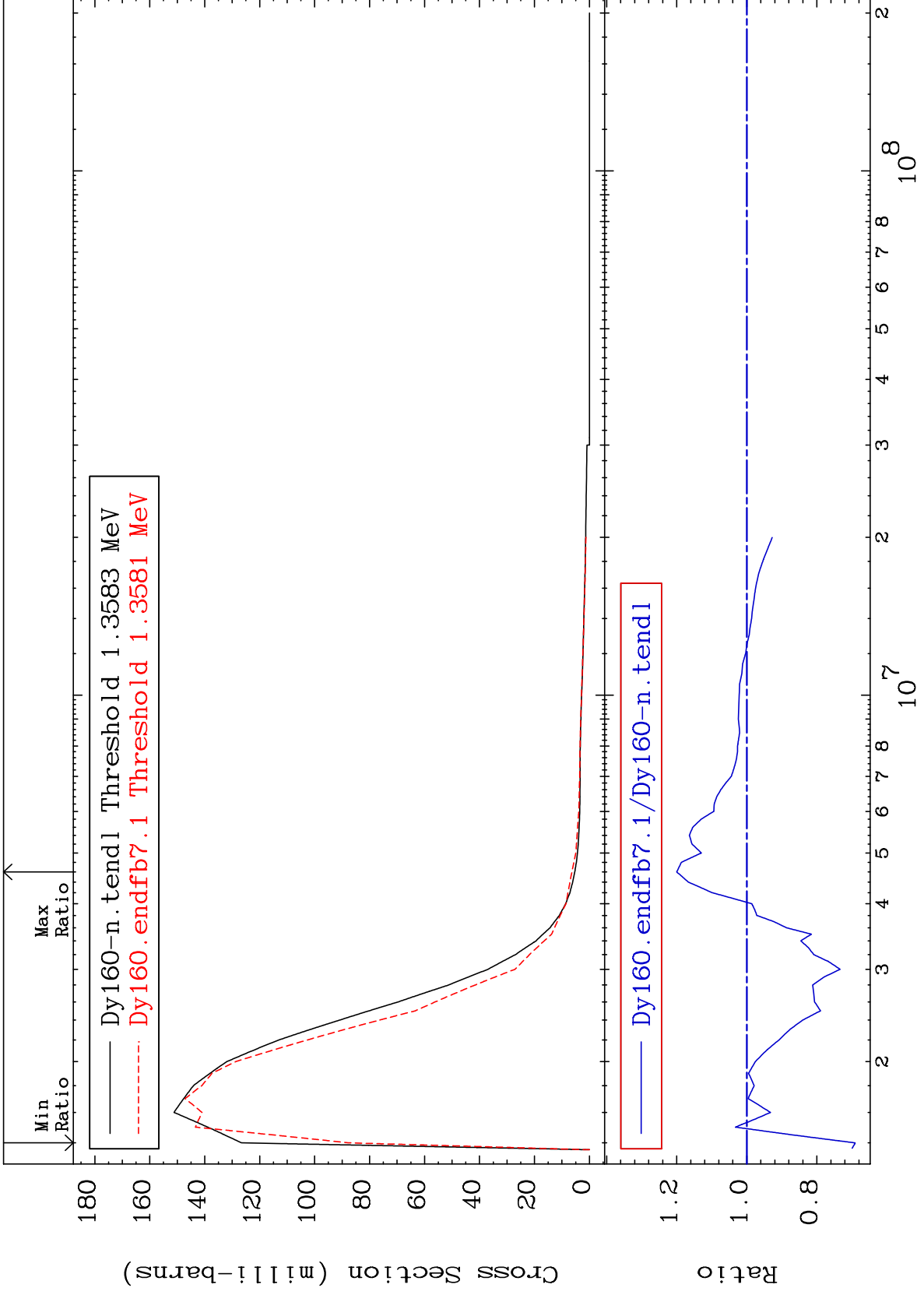
66-Dy-160  
-47.32 To 109.7 %

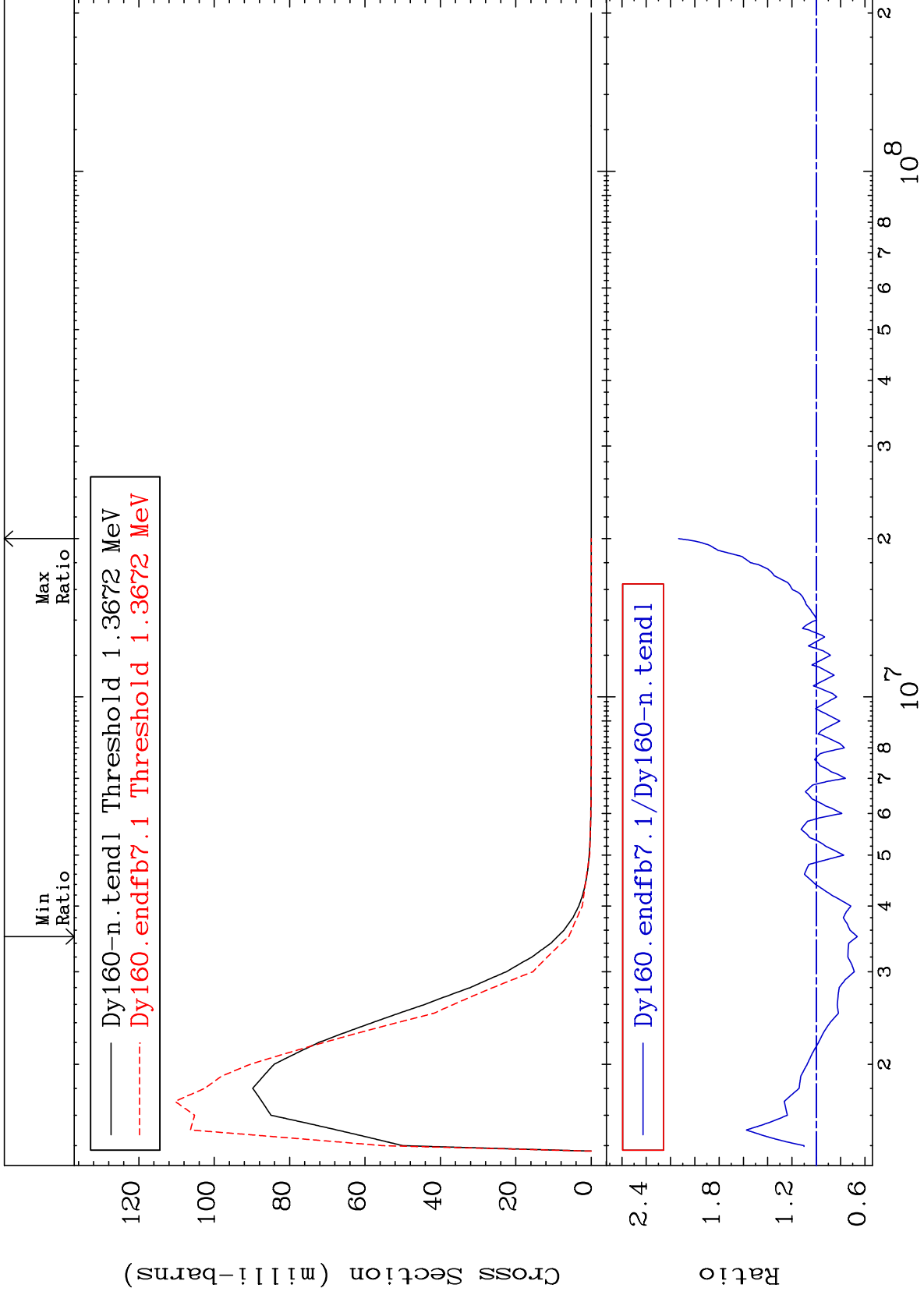


MAT 6637

1.350 MeV (n,n') Level  
Cross Section

66-Dy-160  
-30.89 To 20.00 %

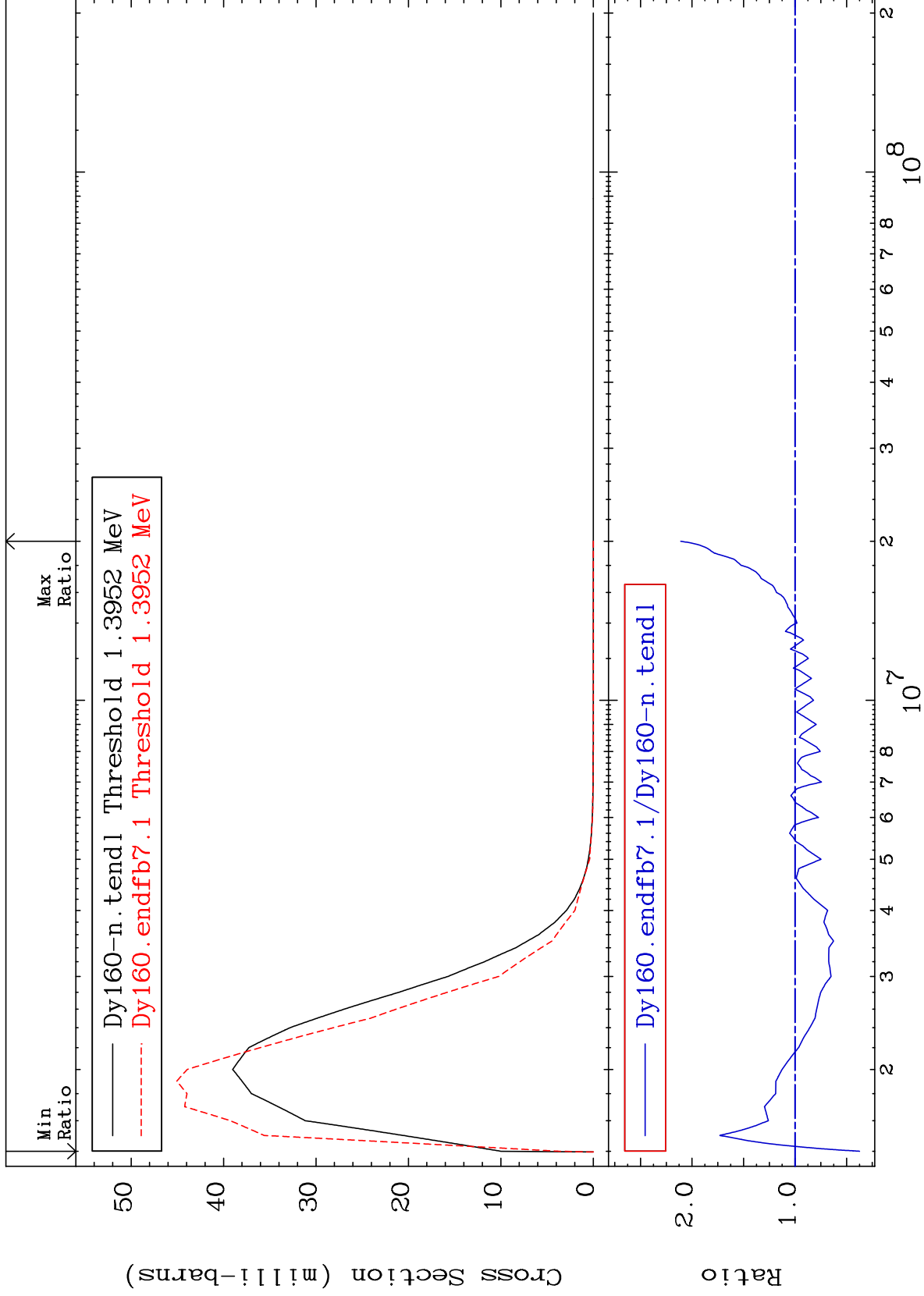




MAT 6637

1.386 MeV (n,n') Level  
Cross Section

66-Dy-160  
-62.58 To 110.9 %

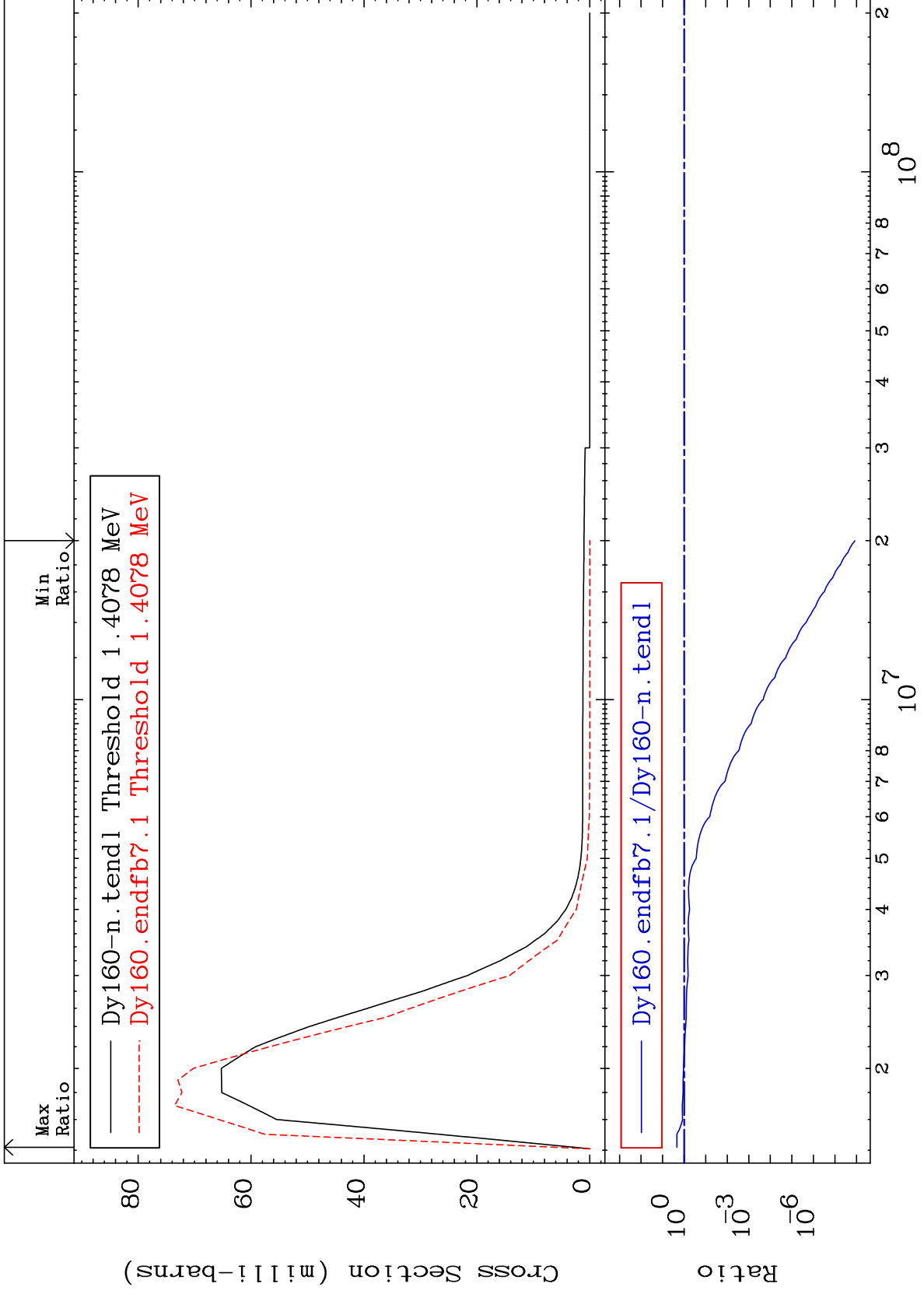




MAT 6637

1.399 MeV (n,n') Level  
Cross Section

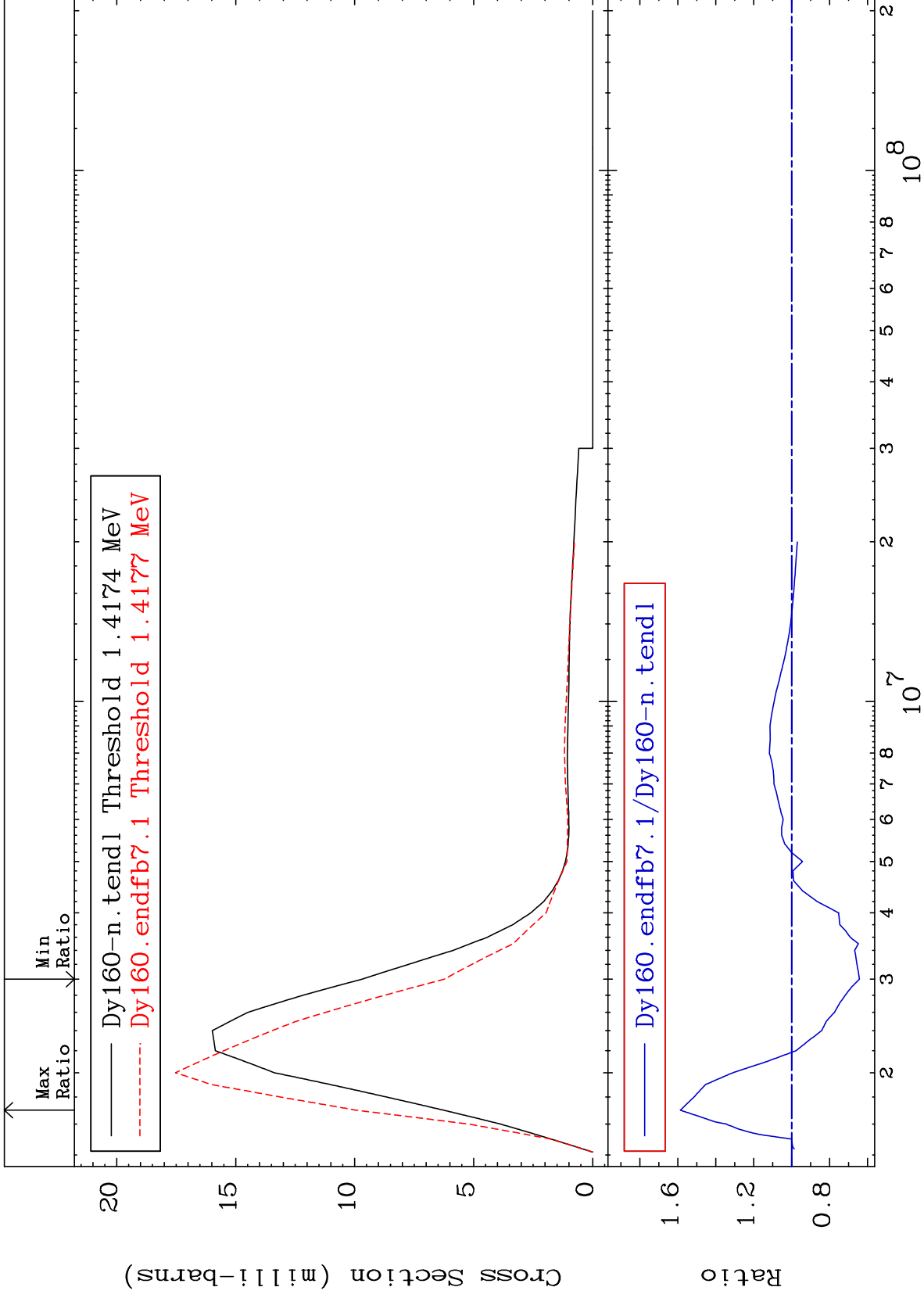
66-Dy-160  
-100.0 To 116.8 %



MAT 6637

1.408 MeV (n,n') Level  
Cross Section

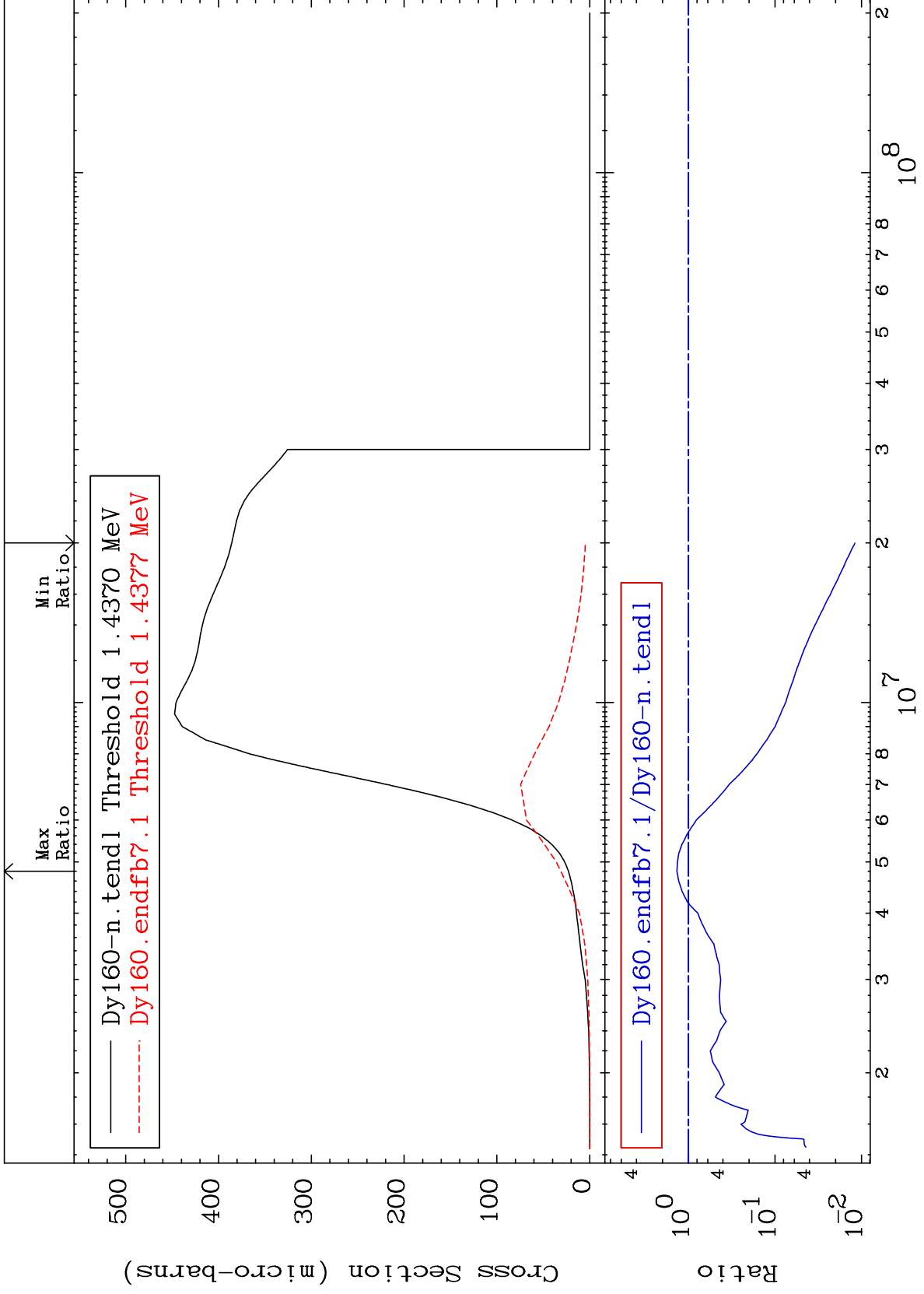
66-Dy-160  
-35.68 To 58.70 %



MAT 6637

1.428 MeV (n,n') Level  
Cross Section

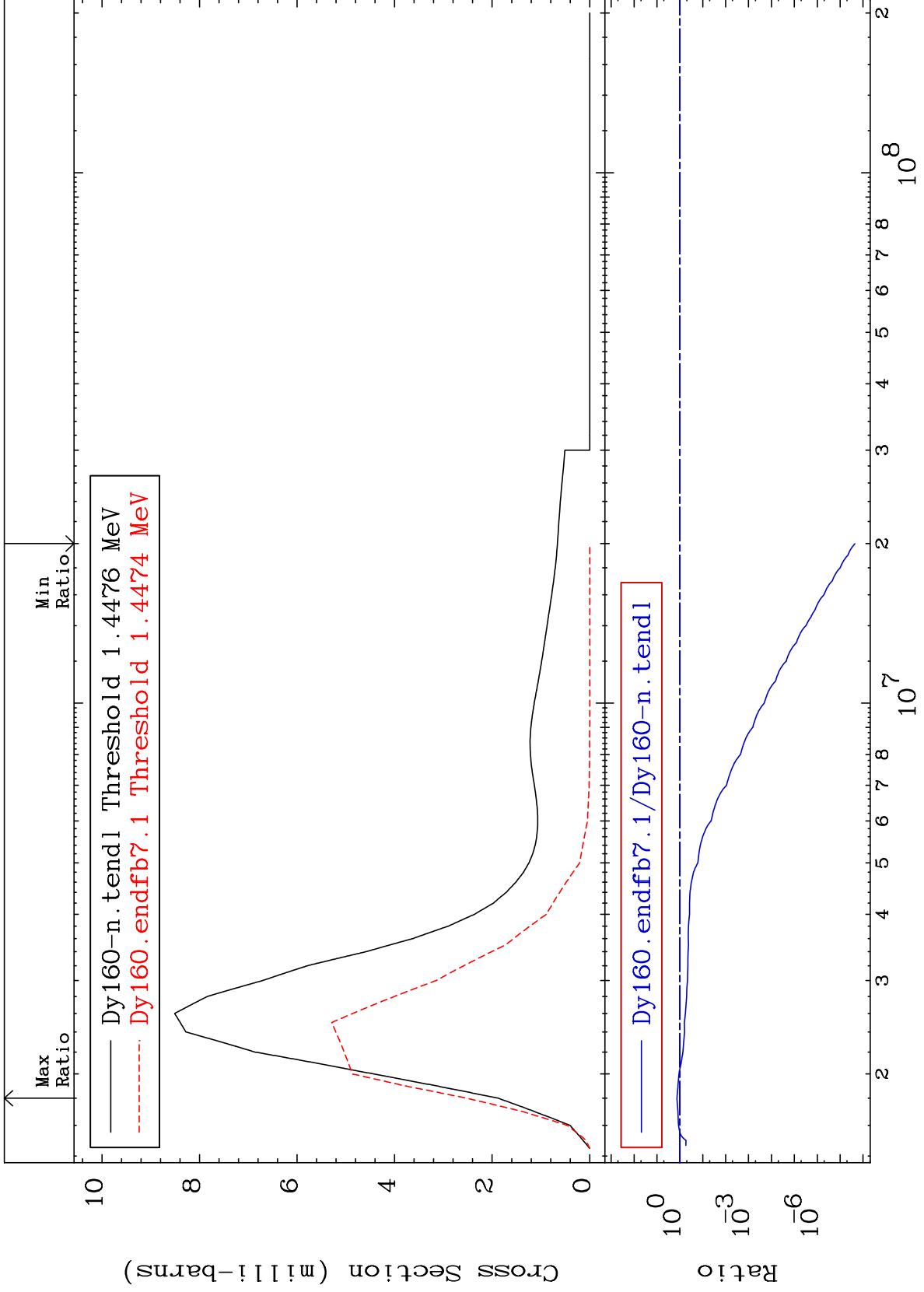
66-Dy-160  
-98.81 To 36.41 %

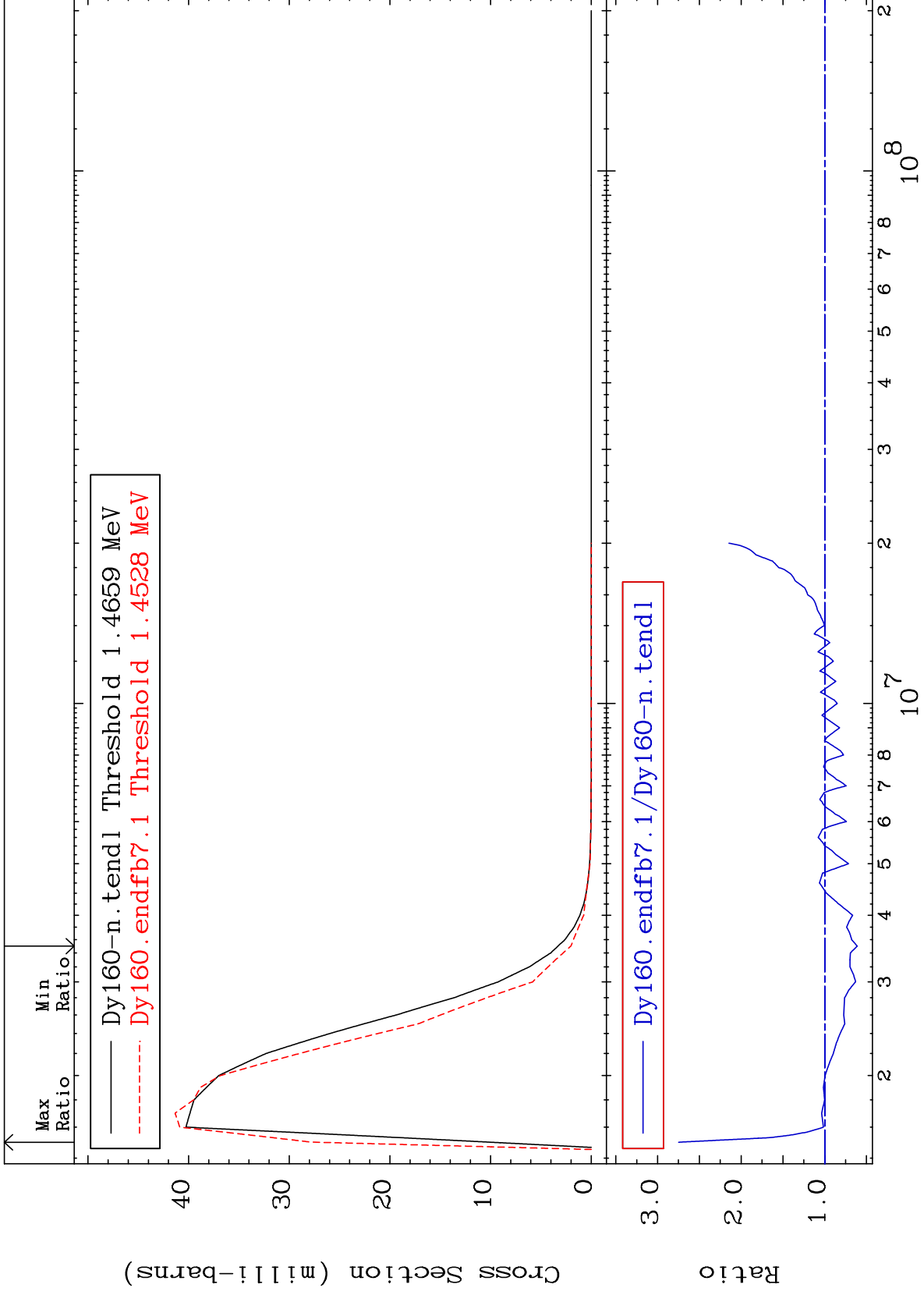


MAT 6637

1.439 MeV (n,n') Level  
Cross Section

66-Dy-160  
-100.0 To 34.30 %

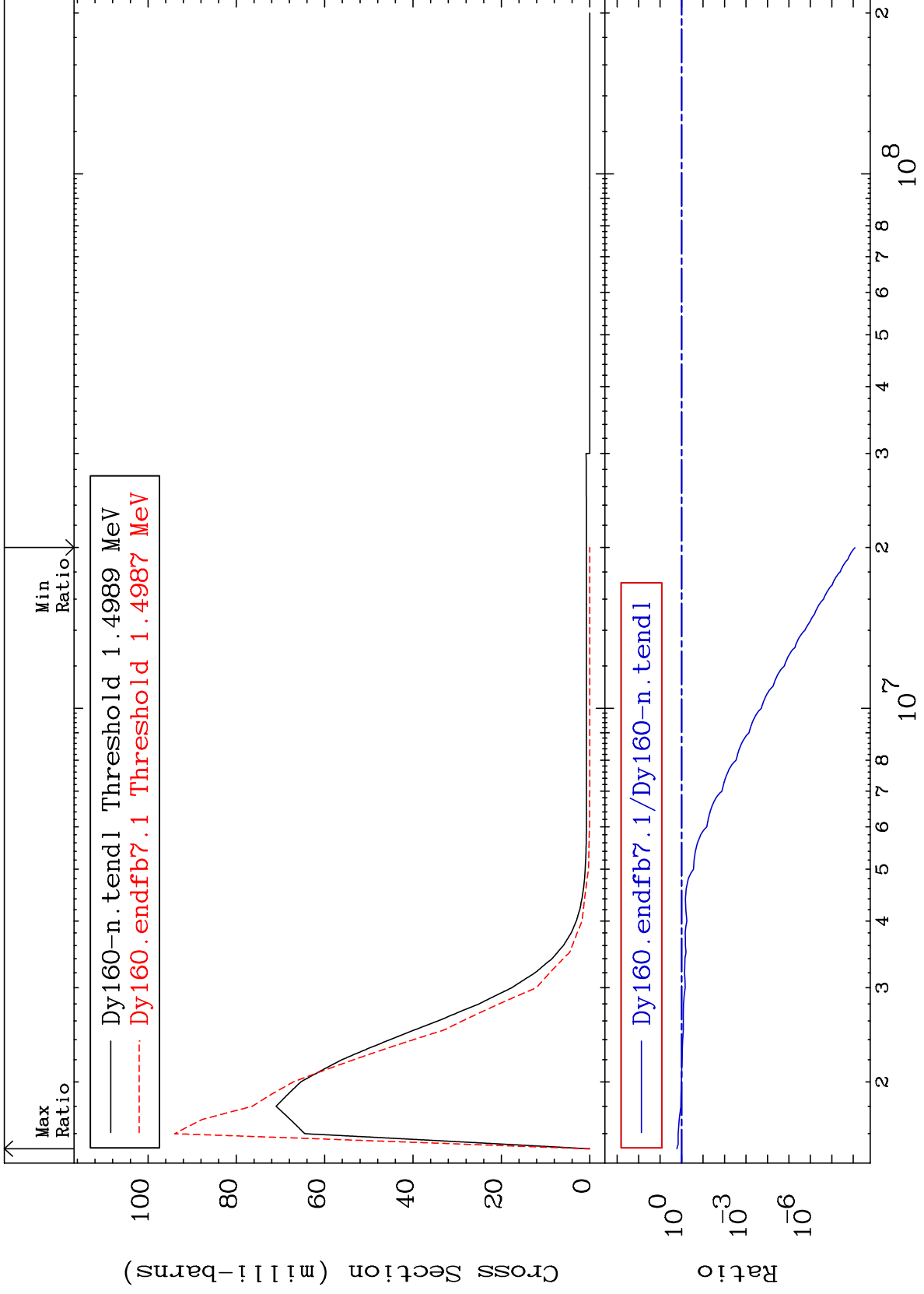




MAT 6637

1.489 MeV (n,n') Level  
Cross Section

66-Dy-160  
-100.0 To 65.15 %



30

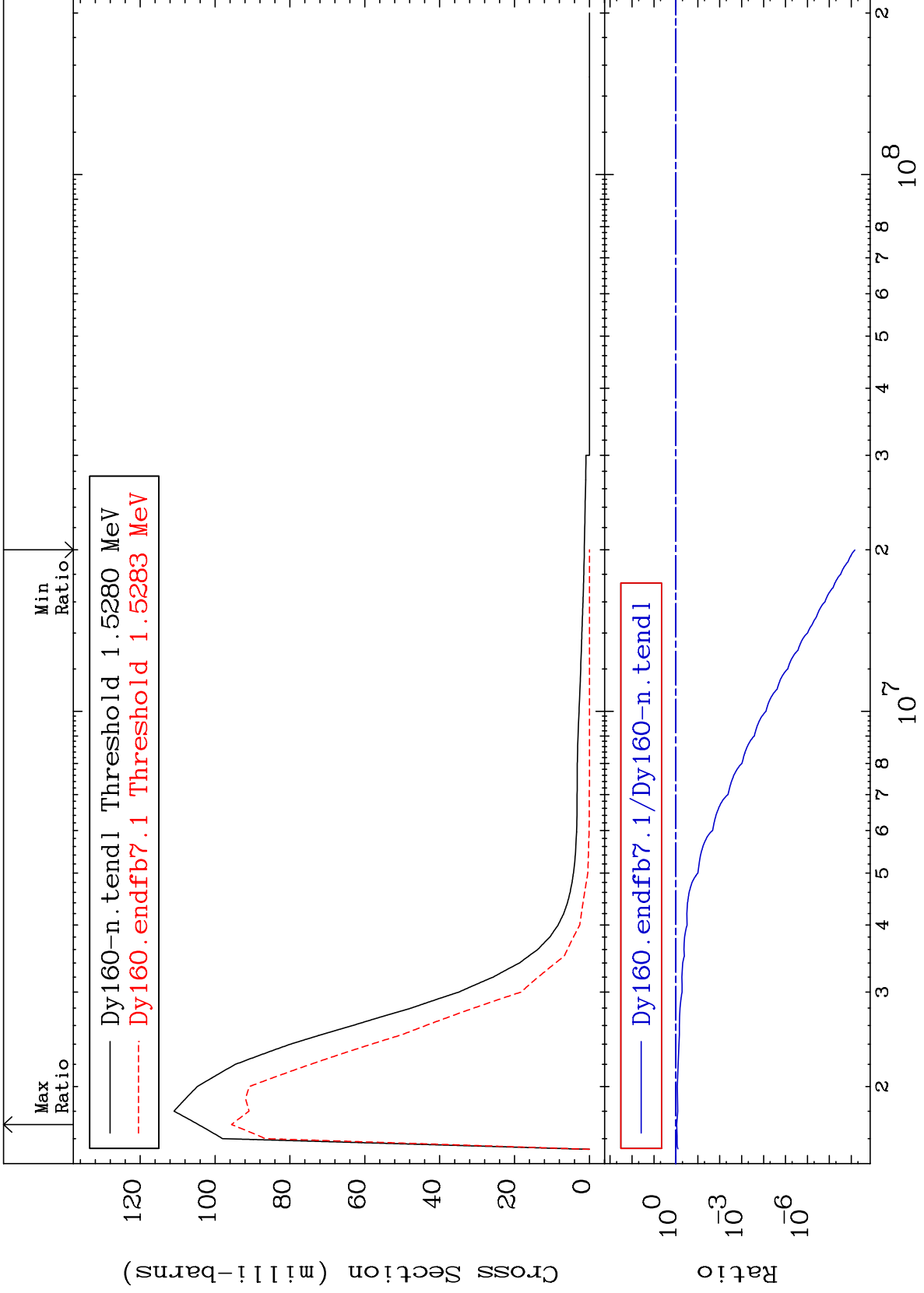
Incident Energy (eV)

66-Dy-160

MAT 6637

1.518 MeV (n,n') Level  
Cross Section

66-Dy-160  
-100.0 To -8.504%



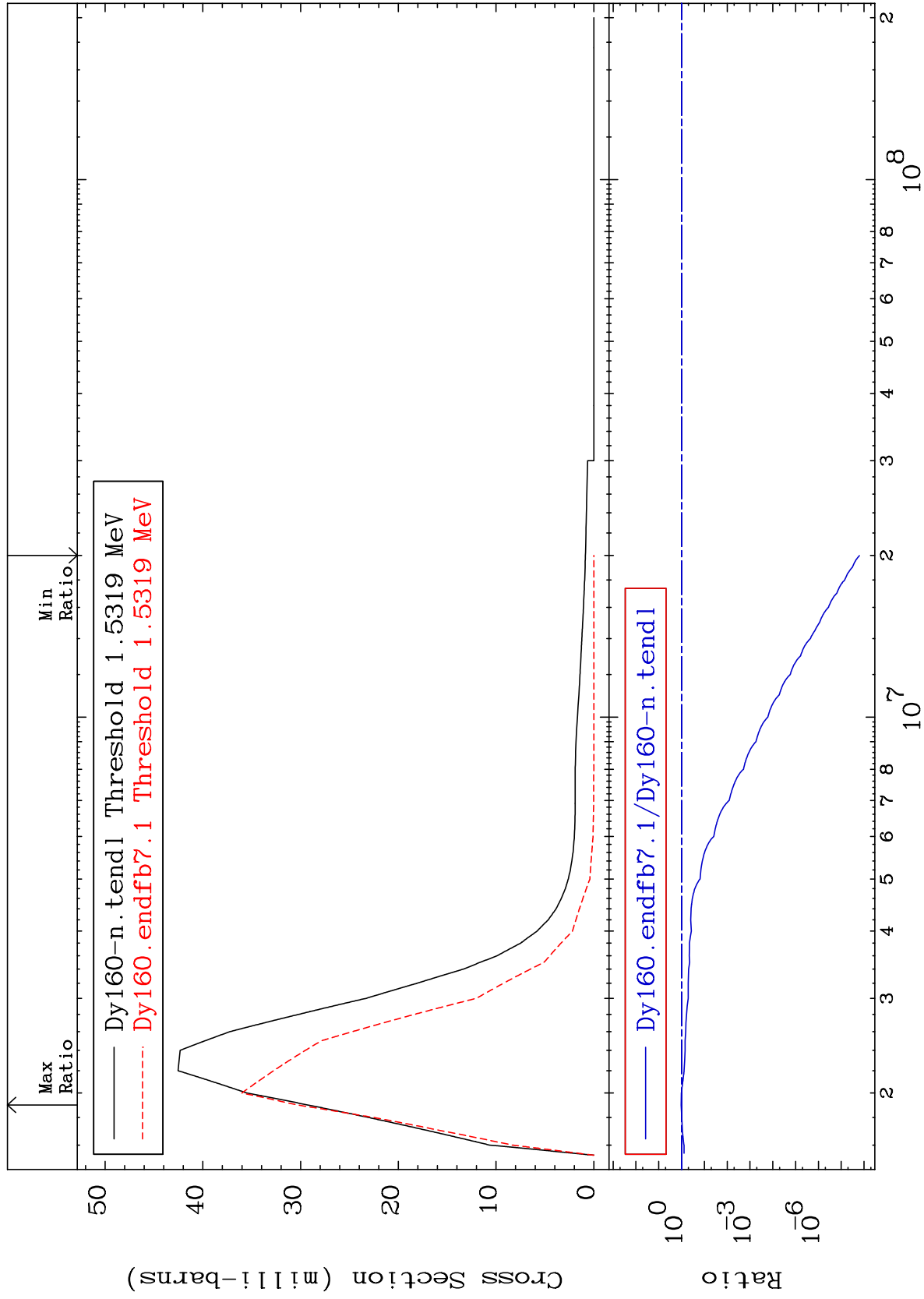
MAT 6637

1.522 MeV (n,n') Level

66-Dy-160

-100.0 To 3.688 %

Cross Section

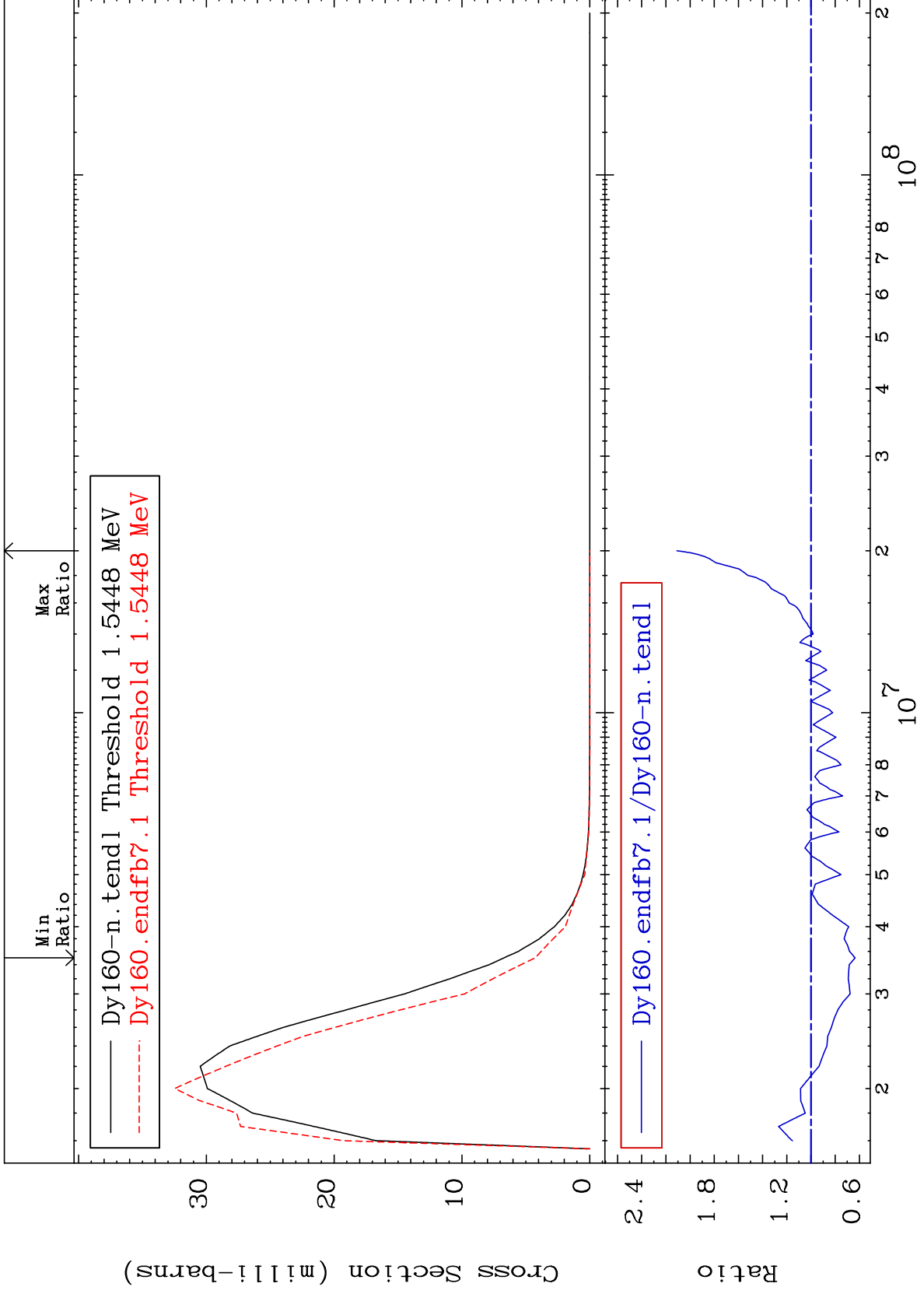




MAT 6637

1.535 MeV (n,n') Level  
Cross Section

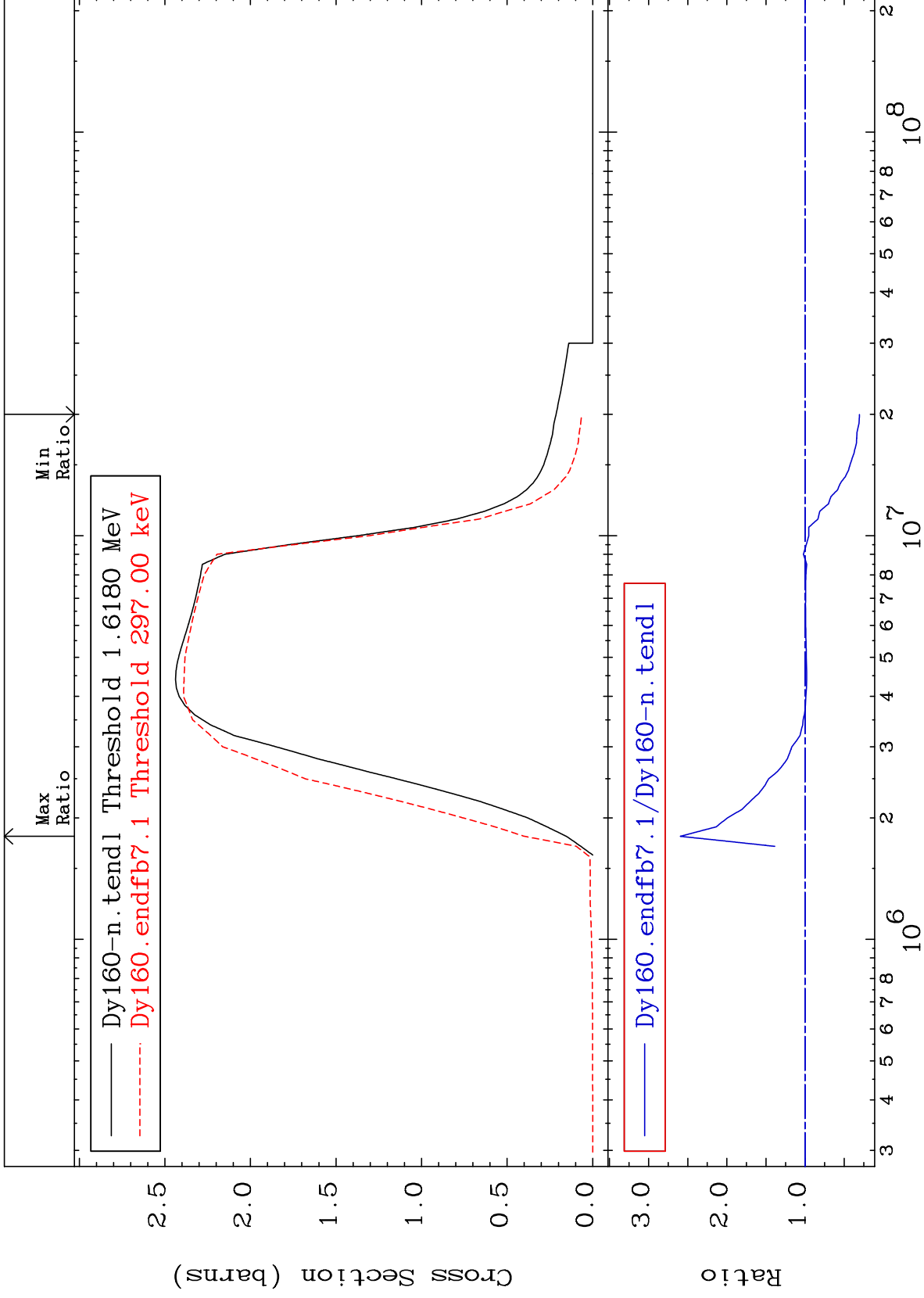
66-Dy-160  
-36.47 To 110.9 %



MAT 6637

(n, n') Continuum  
Cross Section

66-Dy-160  
-69.47 To 159.4 %



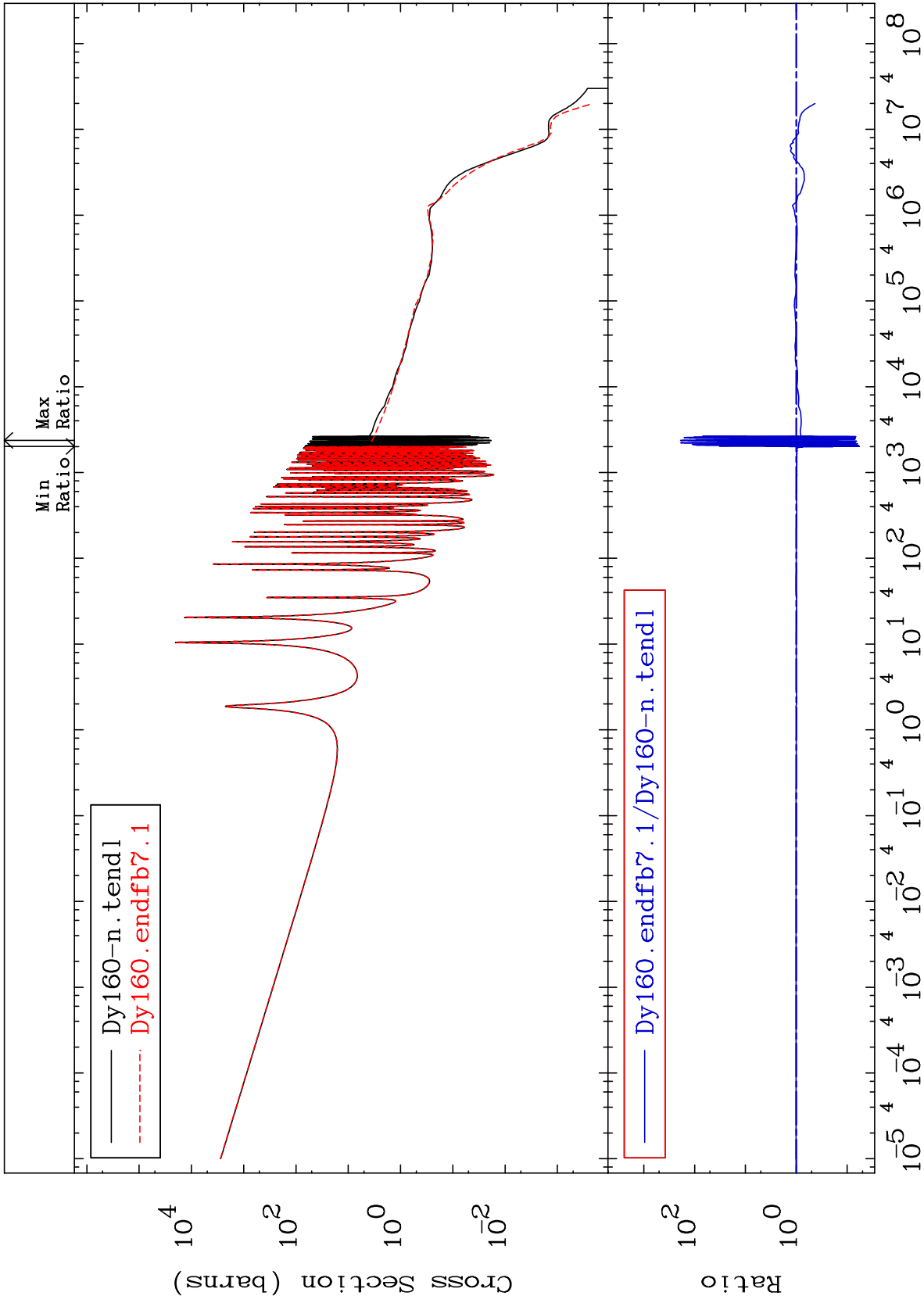
34

66-Dy-160

MAT 6637

(n,  $\gamma$ )  
Cross Section

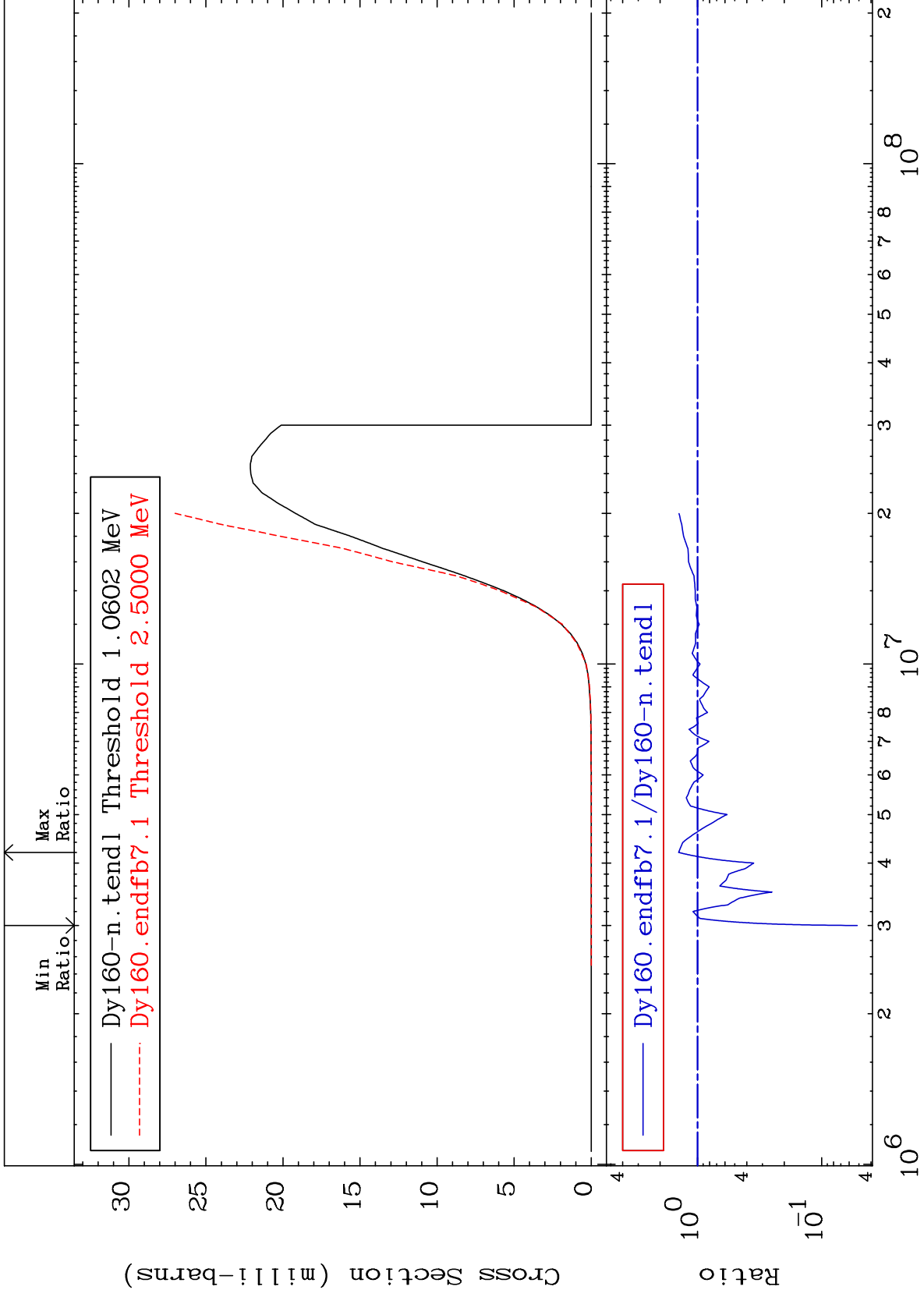
66-Dy-160  
-94.26 To 9999. %



MAT 6637

(n,p)  
Cross Section

66-Dy-160  
-94.84 To 41.76 %



36

Incident Energy (eV)

66-Dy-160

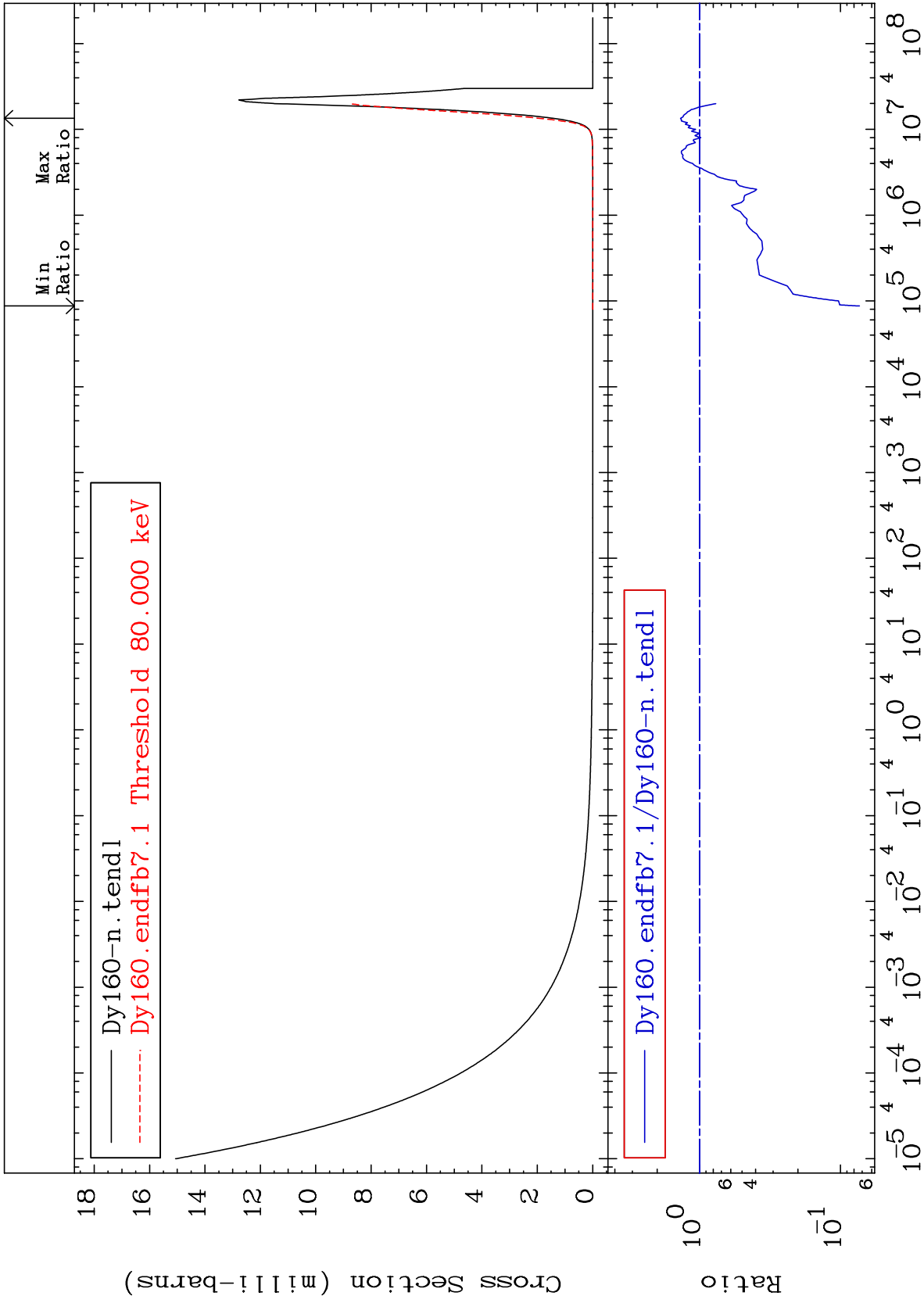
MAT 6637

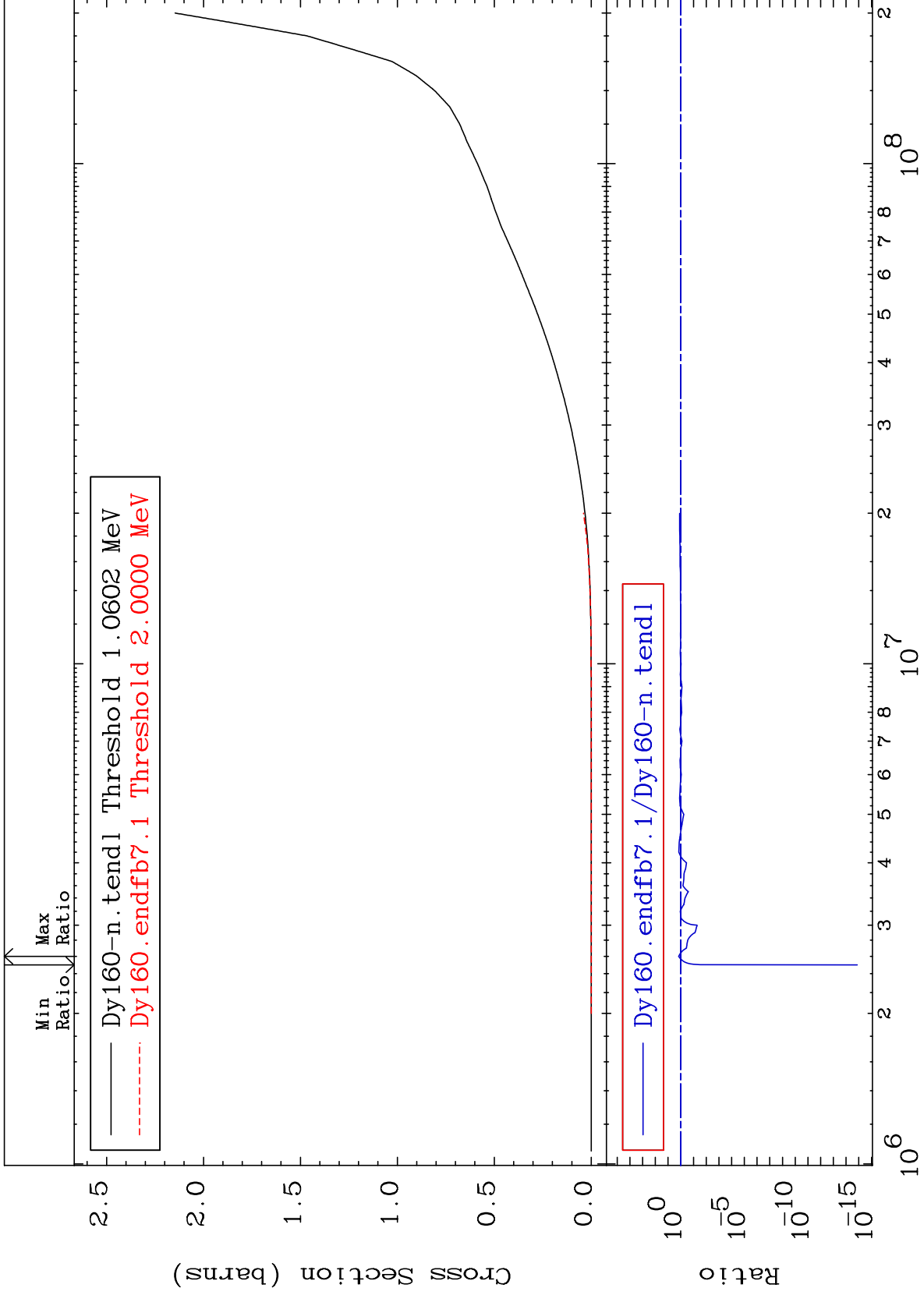
(n,  $\alpha$ )

Cross Section

66-Dy-160

-92.67 To 36.86 %

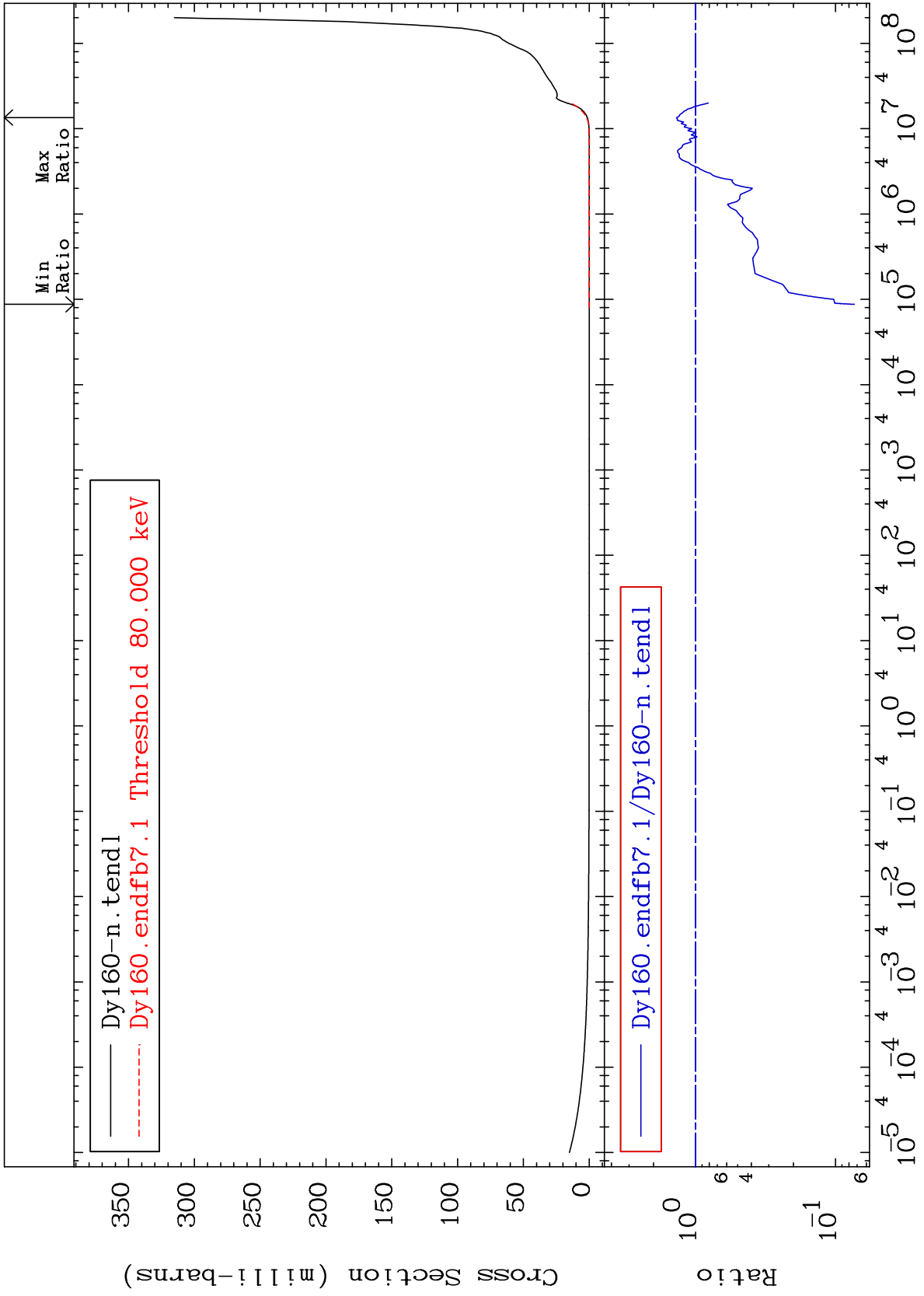




MAT 6637

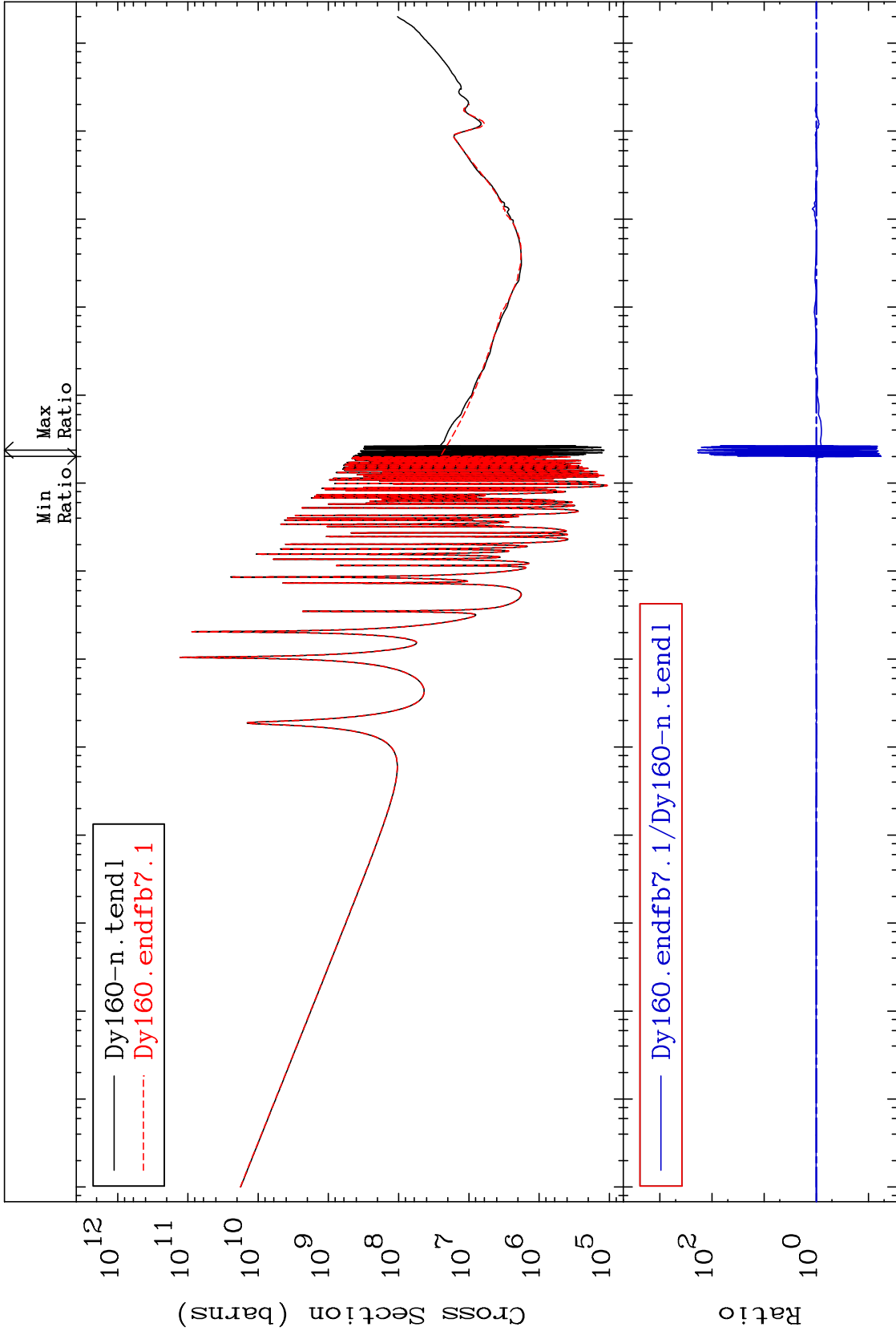
He-4 Production  
Cross Section

66-Dy-160  
-92.67 To 37.49 %



Cross Section

-94.28 To 9999. %



Dy160-n.tendl  
Dy160.endfb7.1

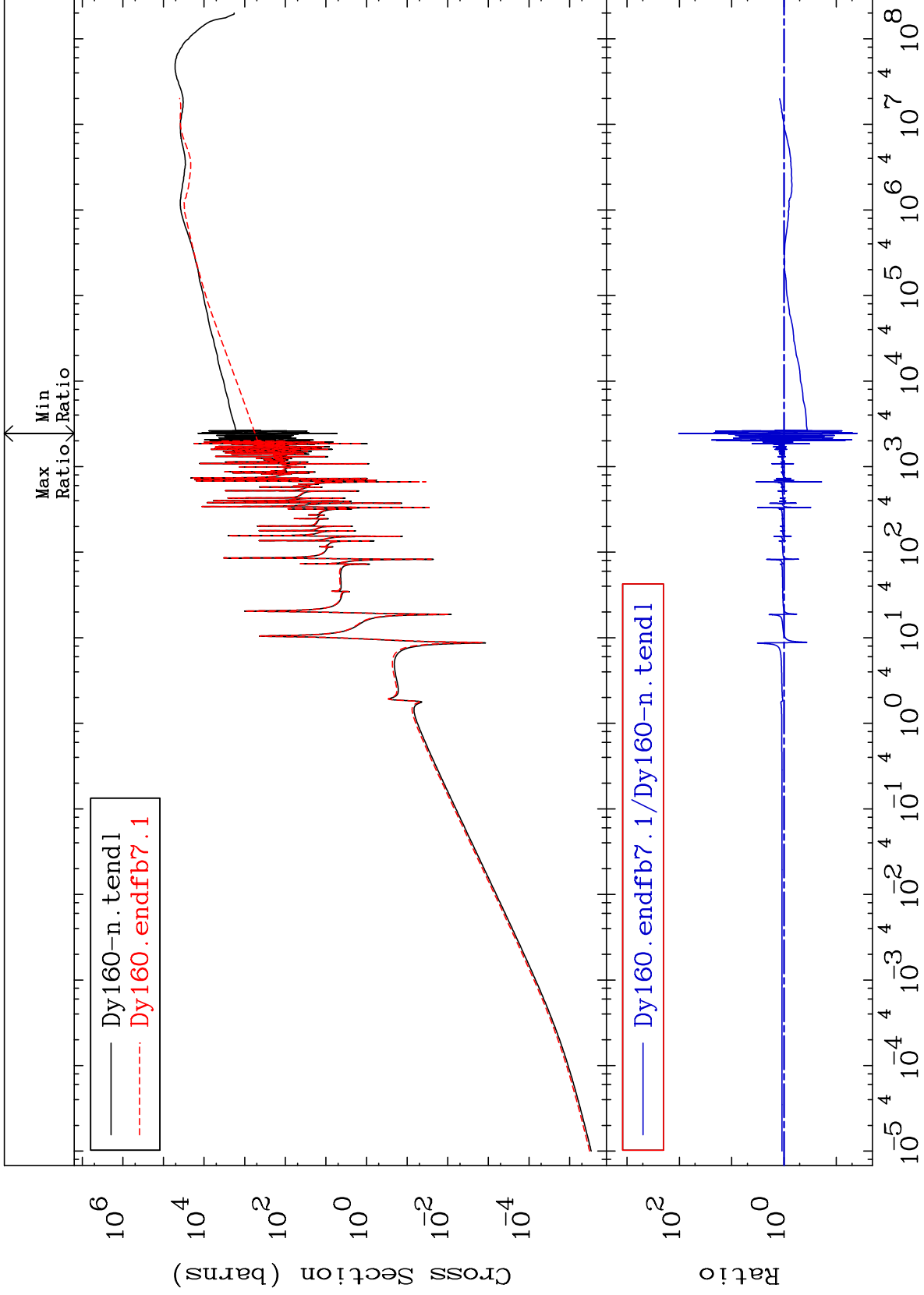
Dy160.endfb7.1/Dy160-n.tendl

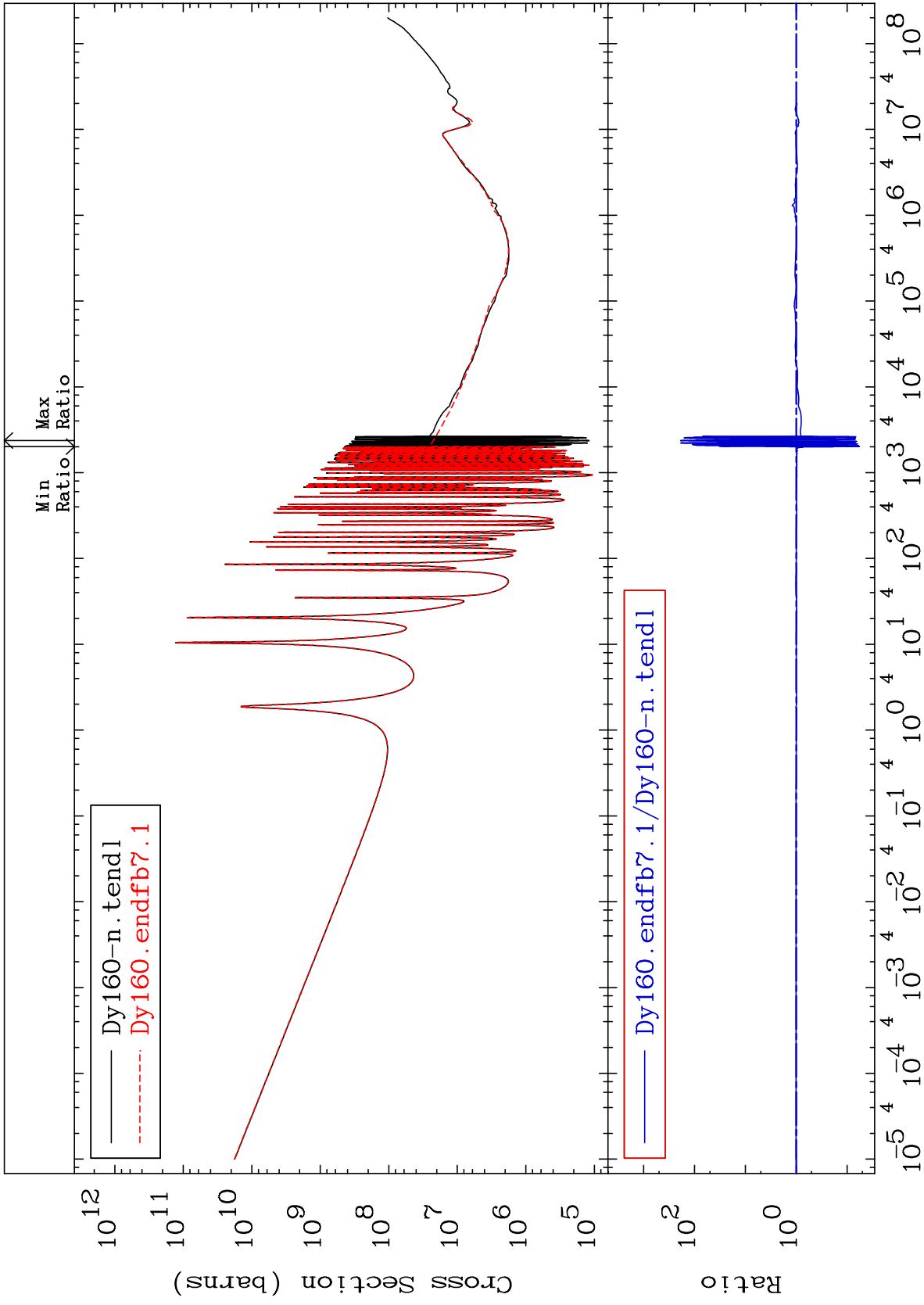


MAT 6637

Kerma elastic  
Cross Section

66-Dy-160  
-96.03 To 9999. %

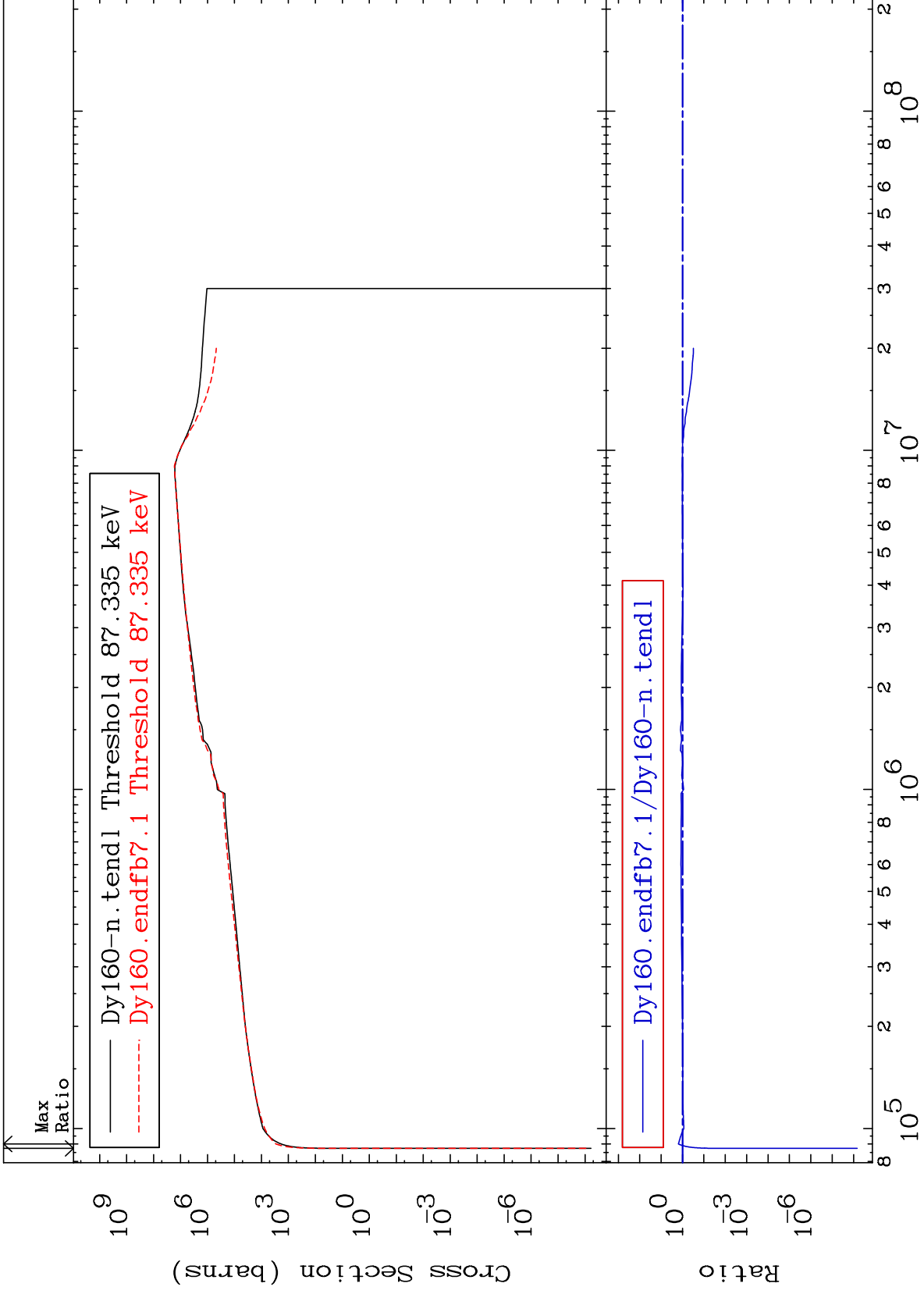


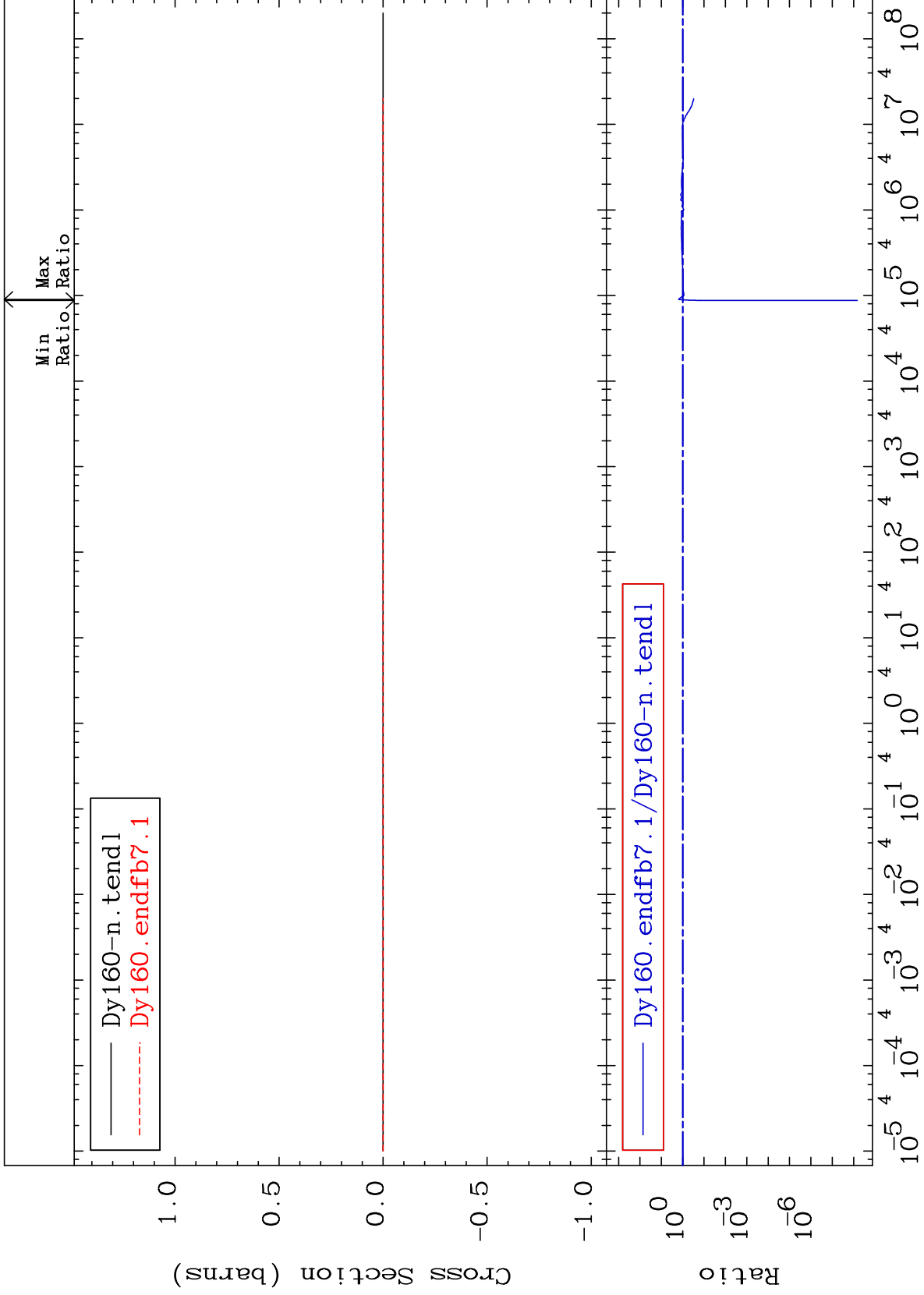


MAT 6637

Kerma inelastic (mt51-91)  
Cross Section

66-Dy-160  
-100.0 To 54.93 %

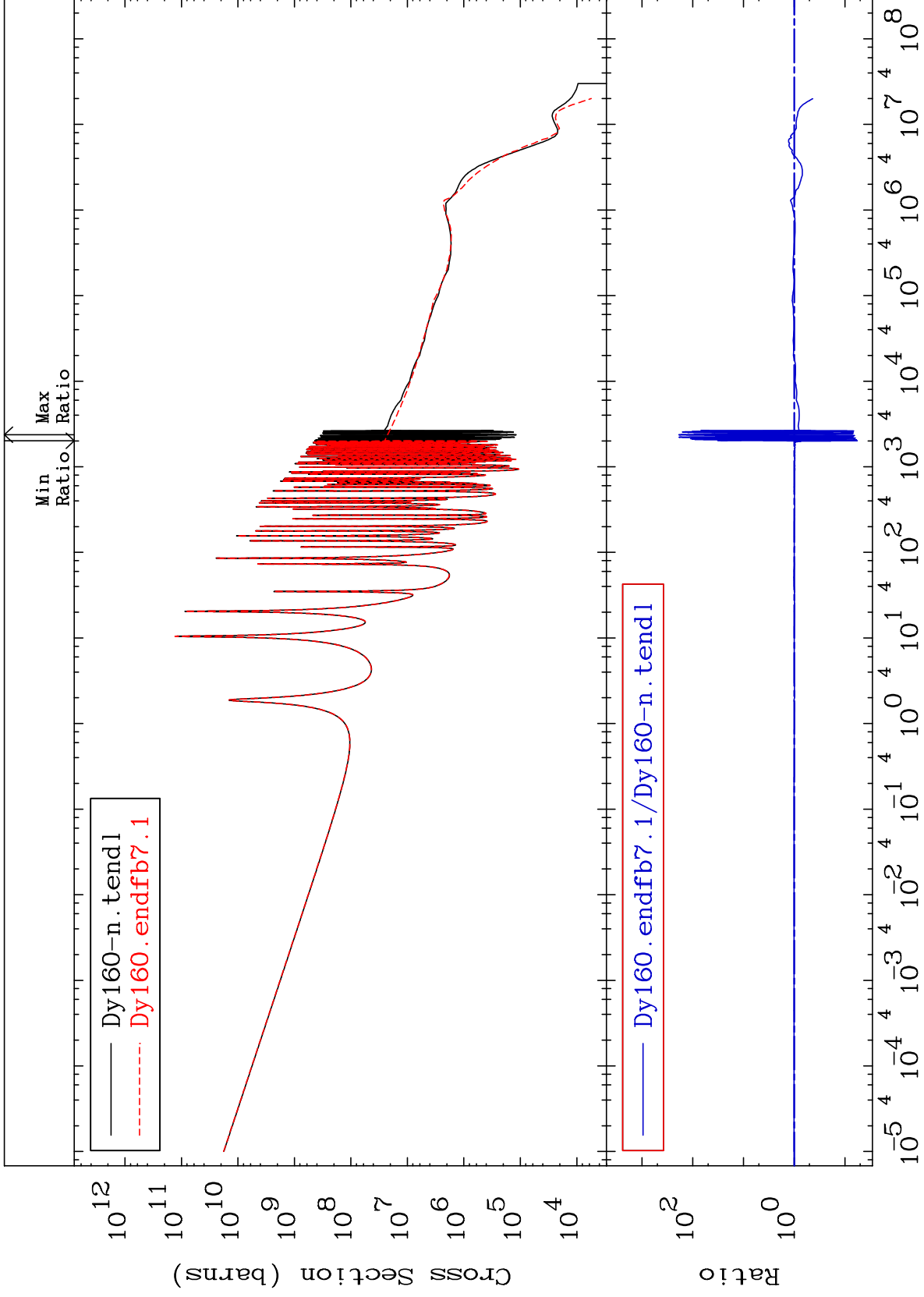




MAT 6637

Kerma capture (mt102)  
Cross Section

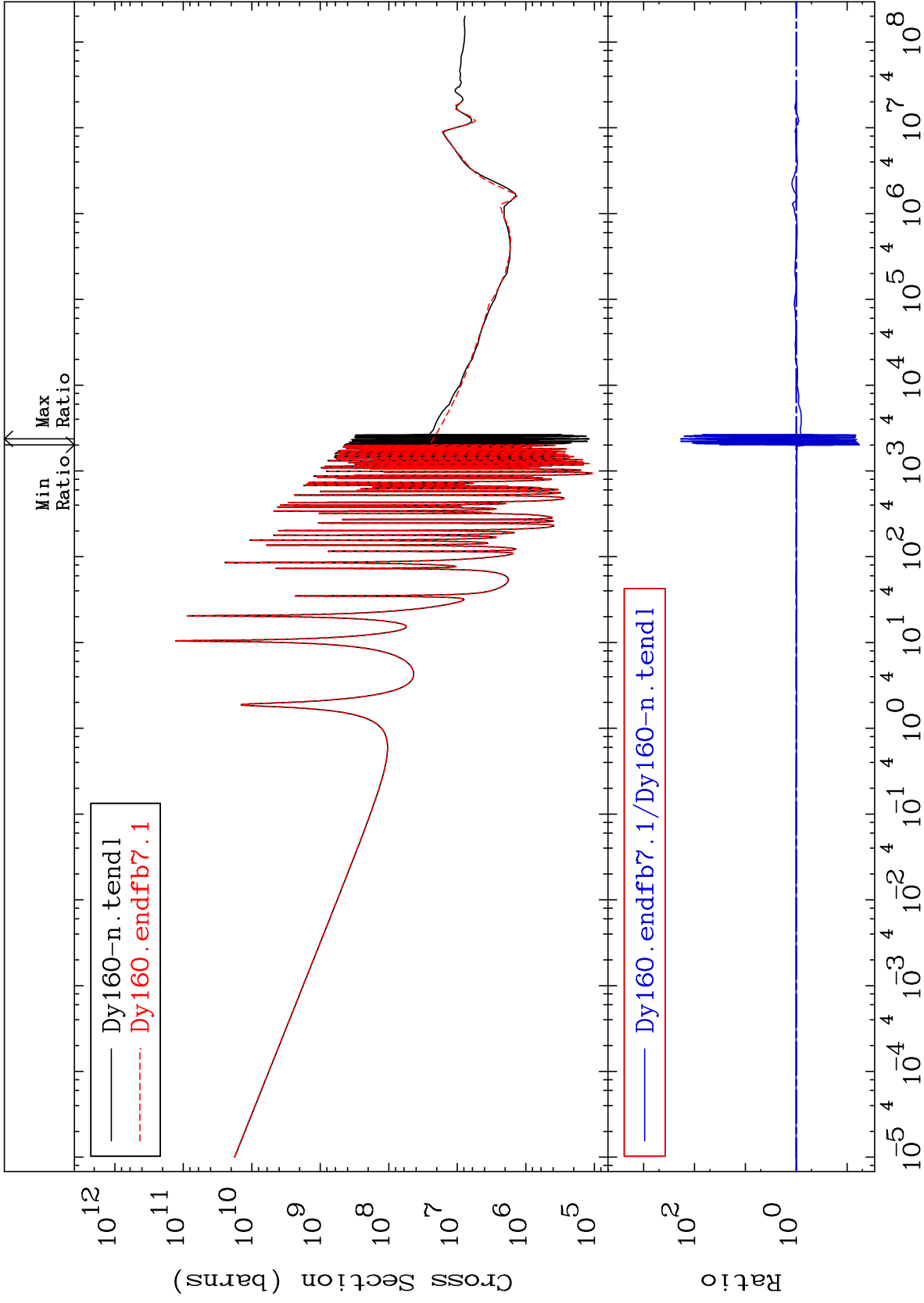
66-Dy-160  
-94.28 To 9999. %

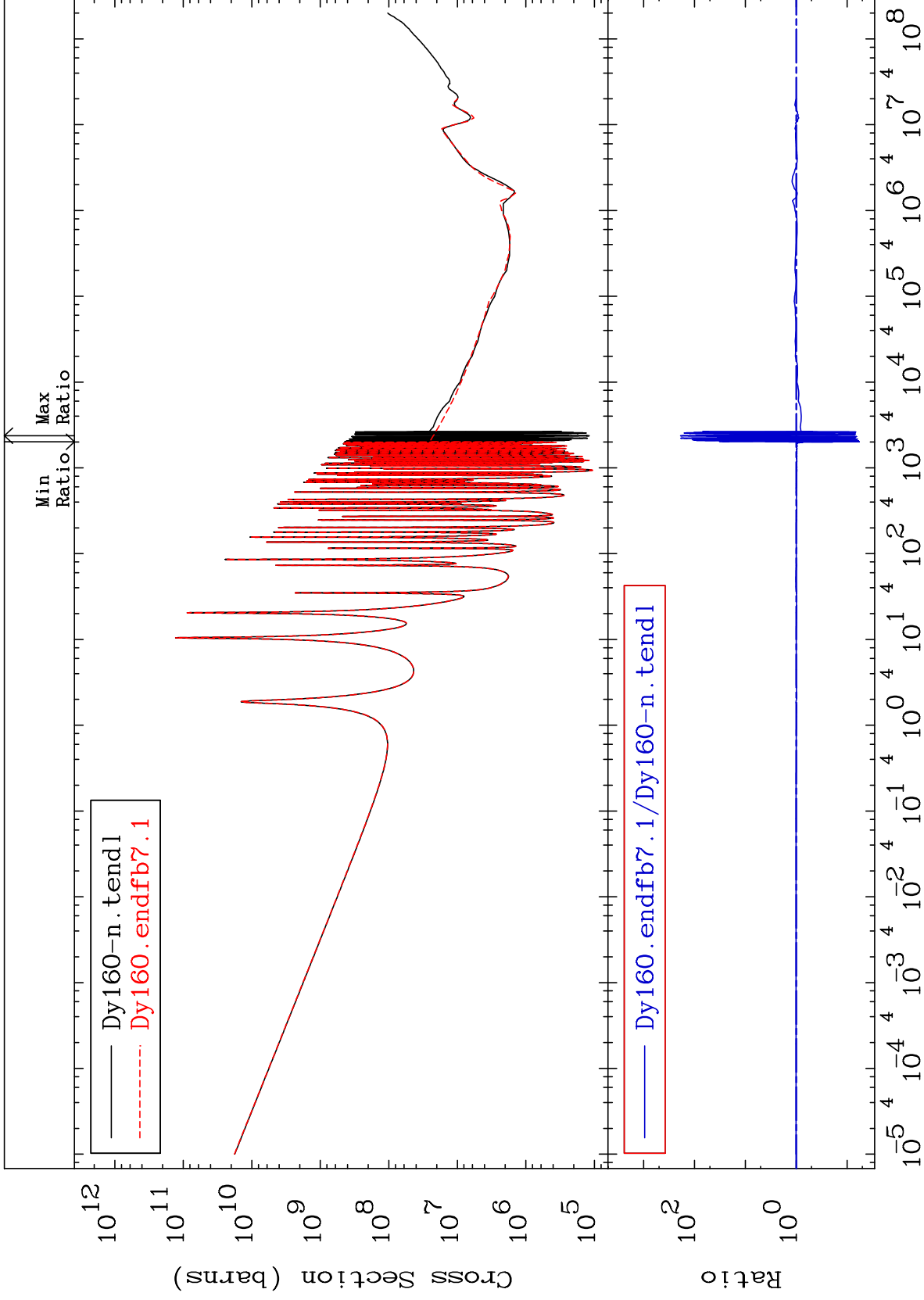


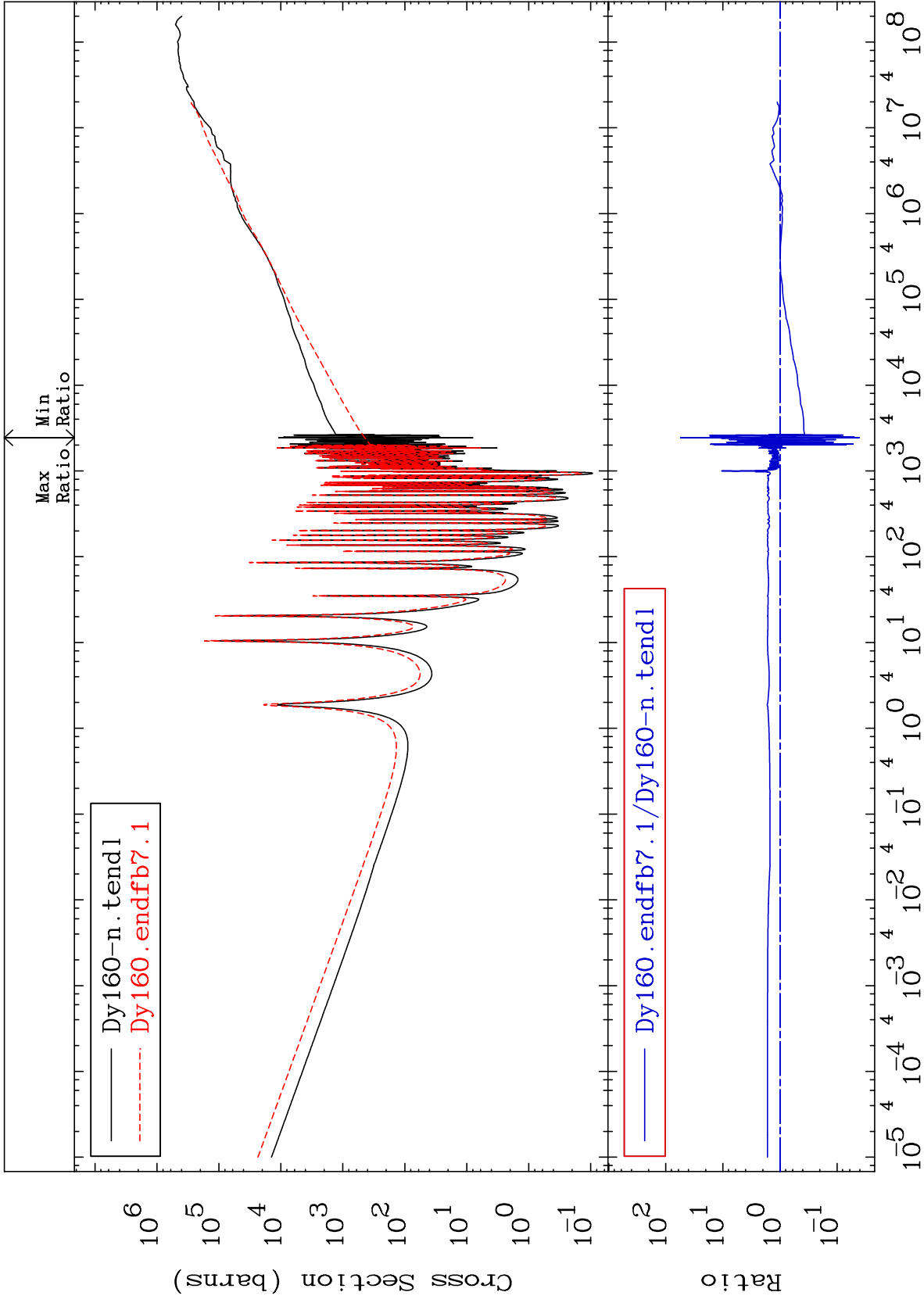
45

Incident Energy (eV)

66-Dy-160





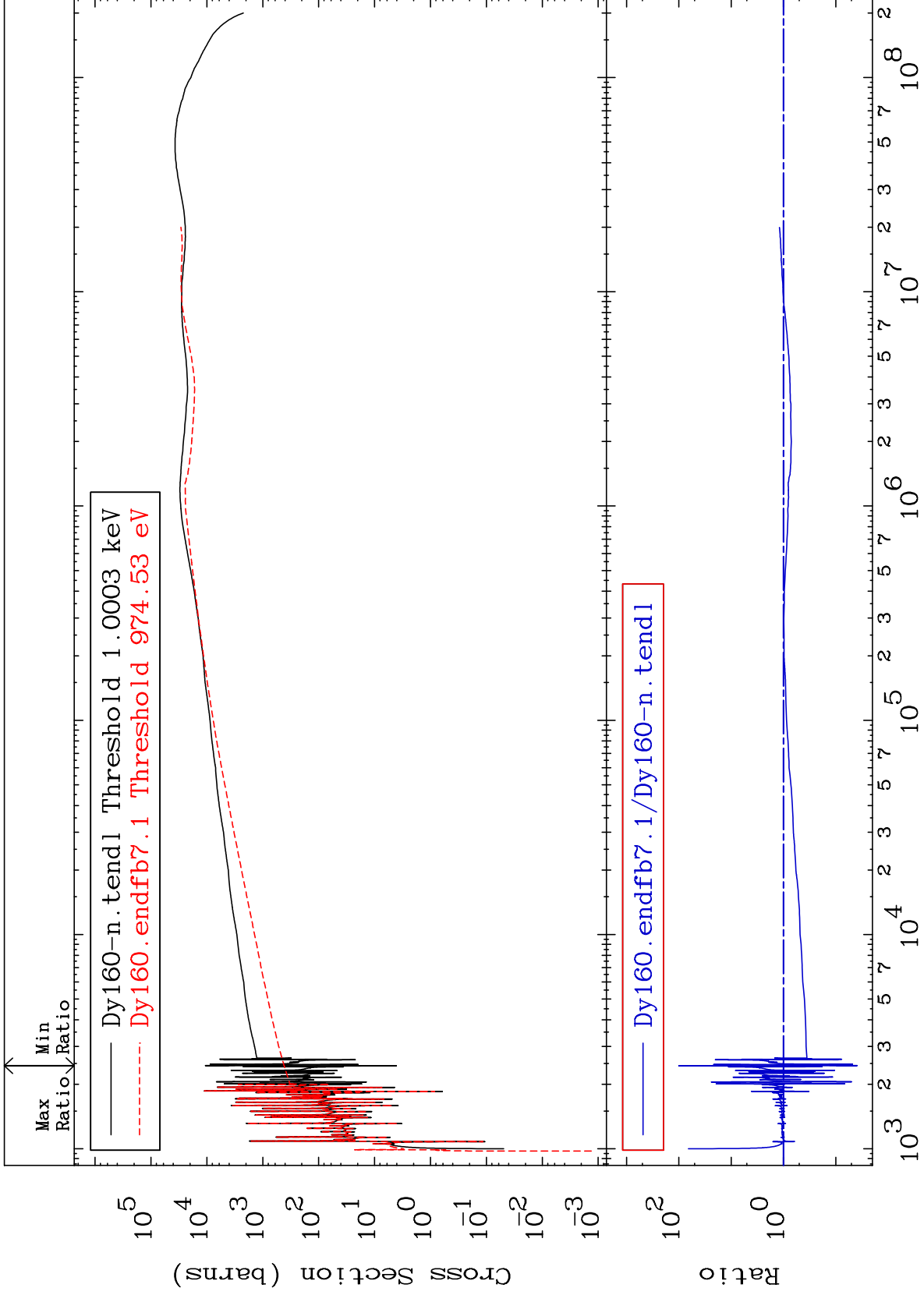




MAT 6637

Dpa elastic (mt2)  
Cross Section

66-Dy-160  
-96.12 To 9999. %



49

66-Dy-160

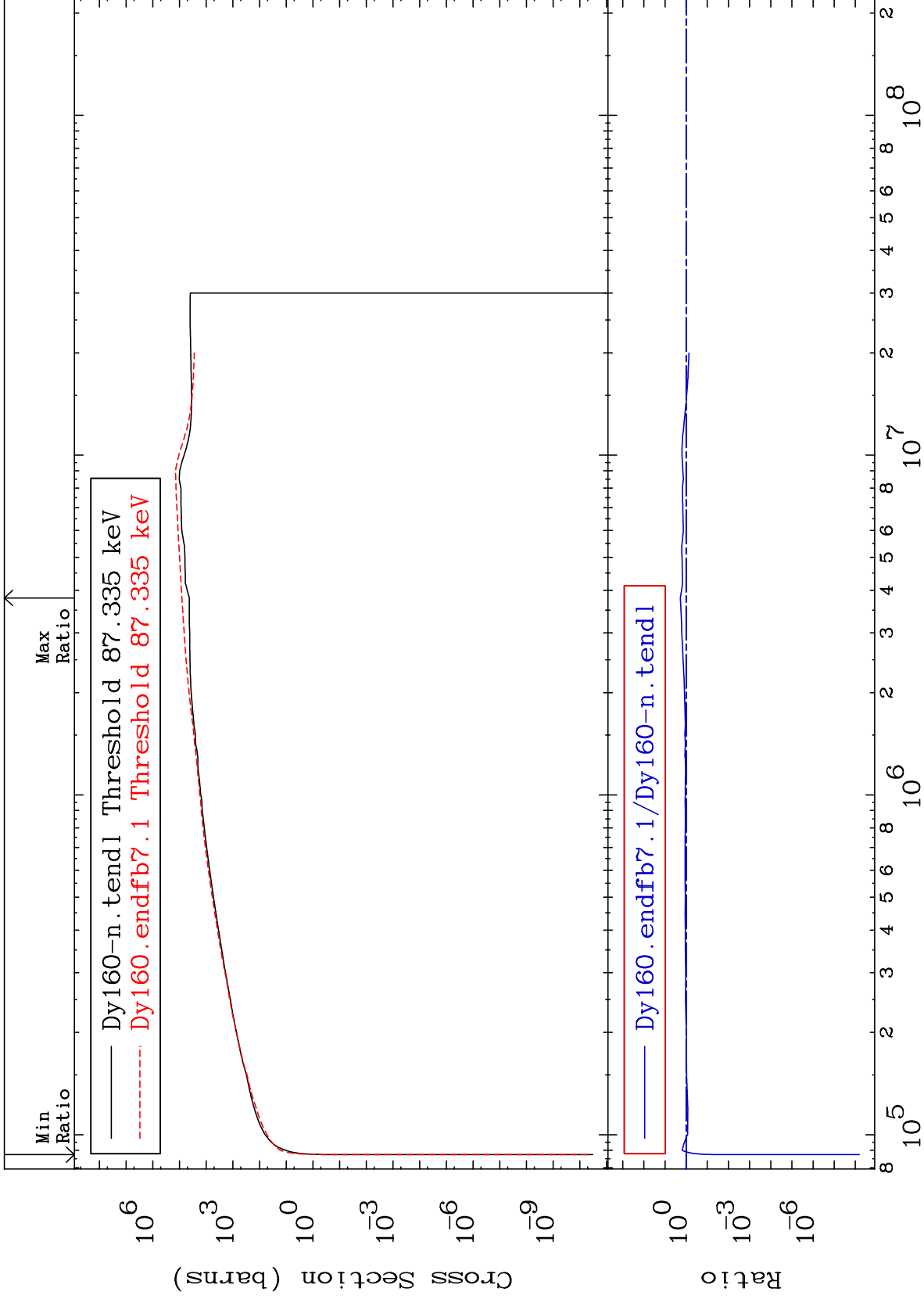
MAT 6637

Dpa inelastic (mt51-91)

66-Dy-160

Cross Section

-100.0 To 87.74 %



50

Incident Energy (eV)

66-Dy-160

