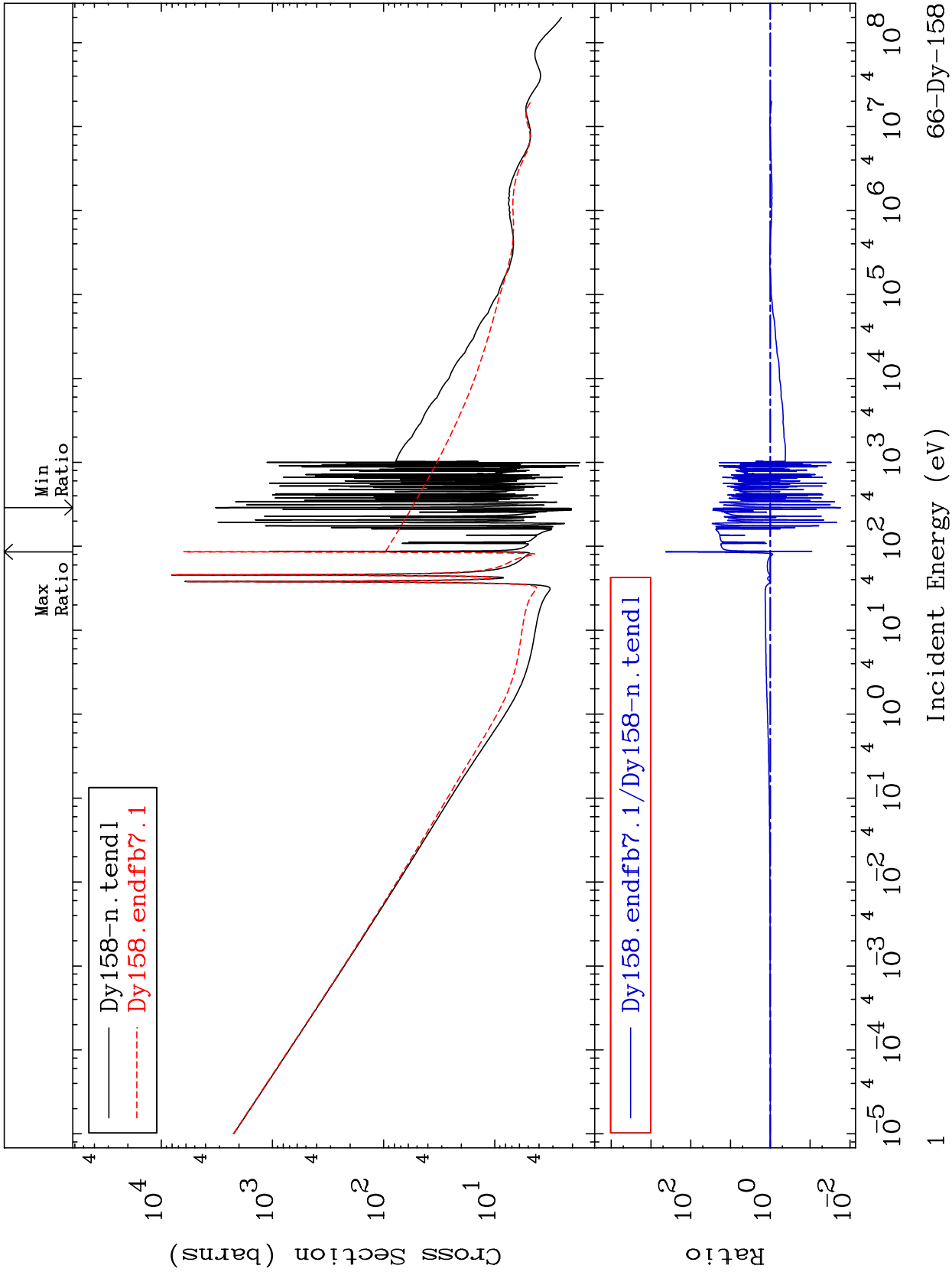


MAT 6631

Total Cross Section  
66-Dy-158  
-98.29 To 9999. %



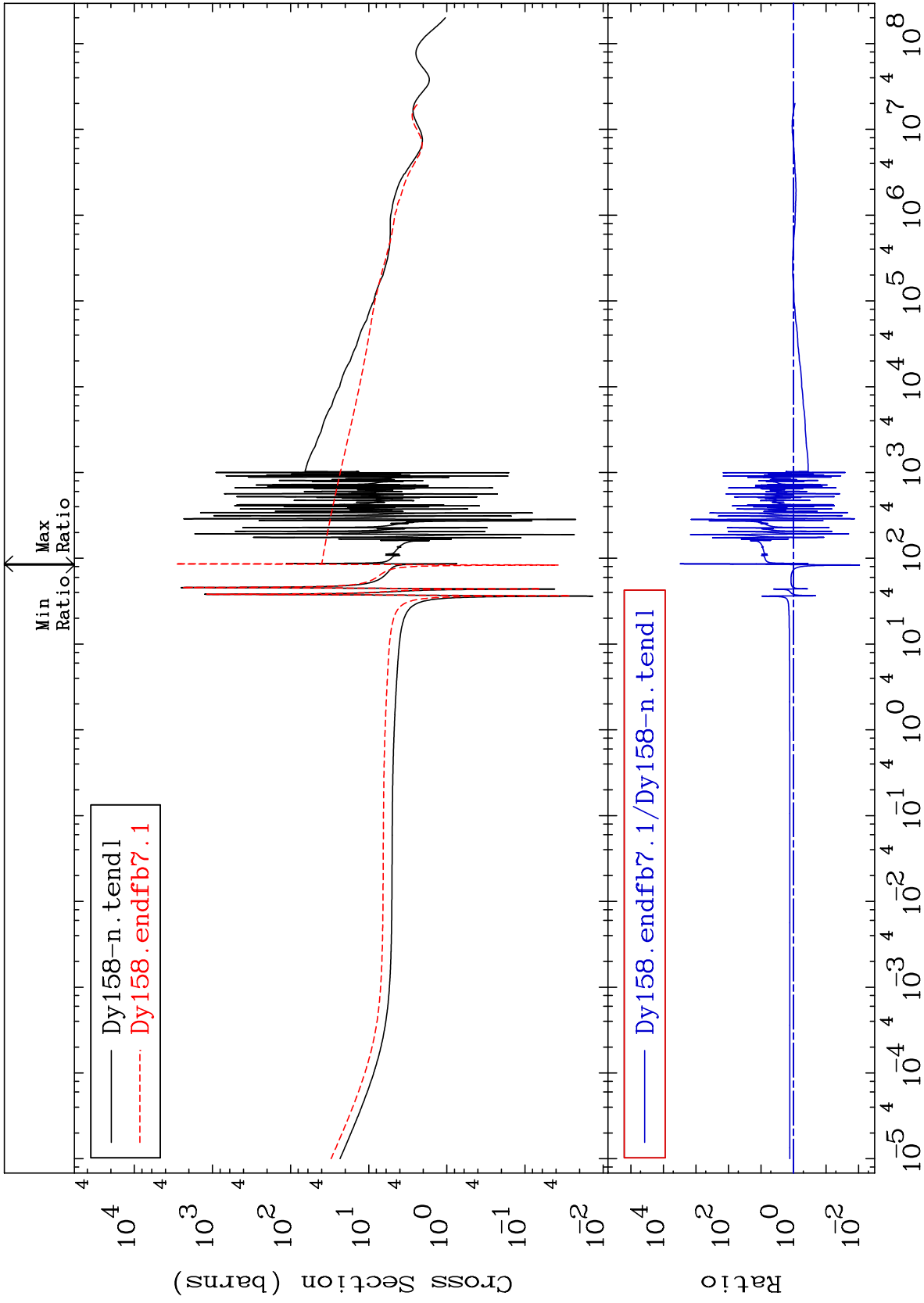
66-Dy-158

Incident Energy (eV)

MAT 6631

Elastic  
Cross Section

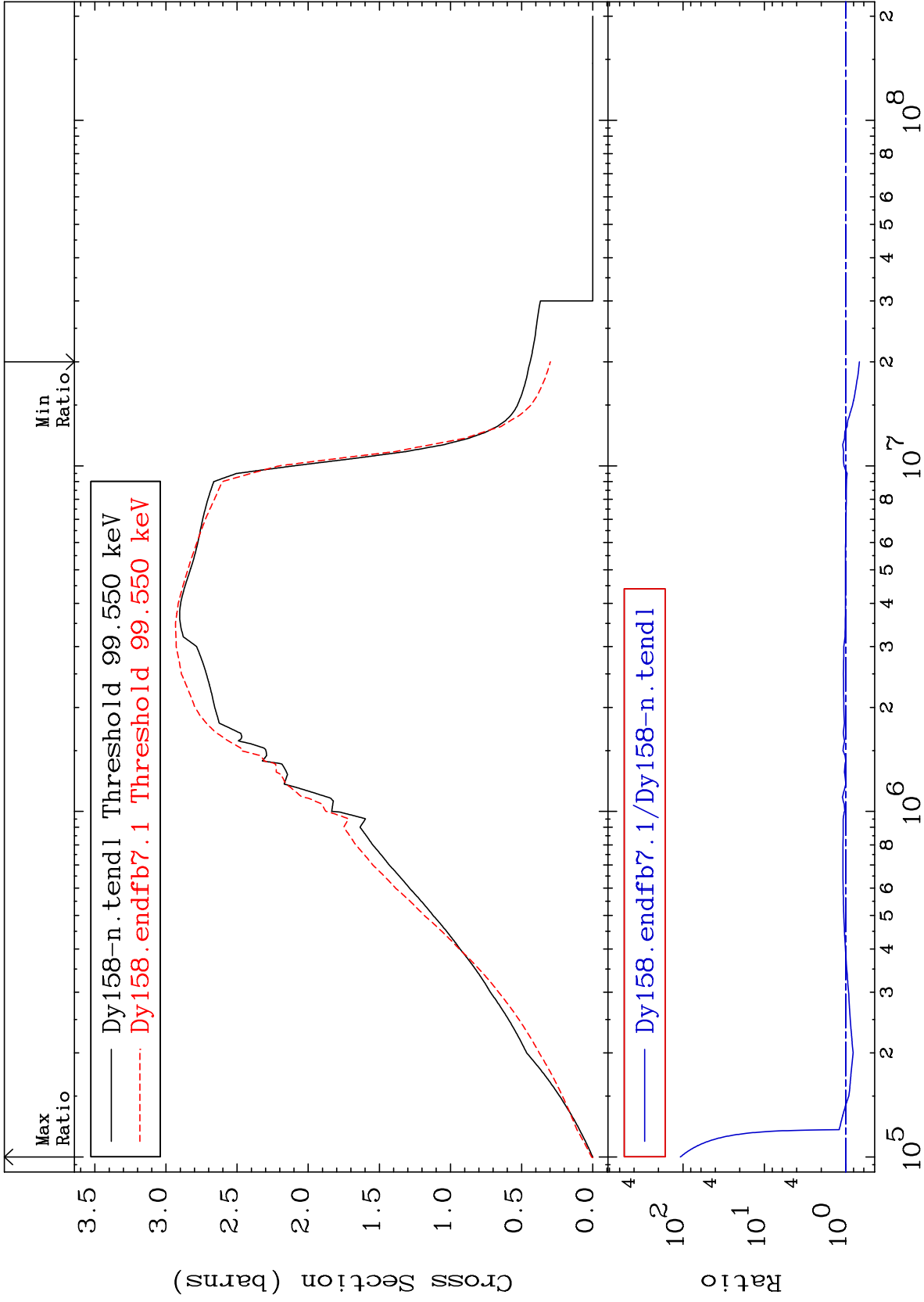
66-Dy-158  
-99.06 To 9999. %



MAT 6631

Inelastic  
Cross Section

66-Dy-158  
-32.28 To 9999. %



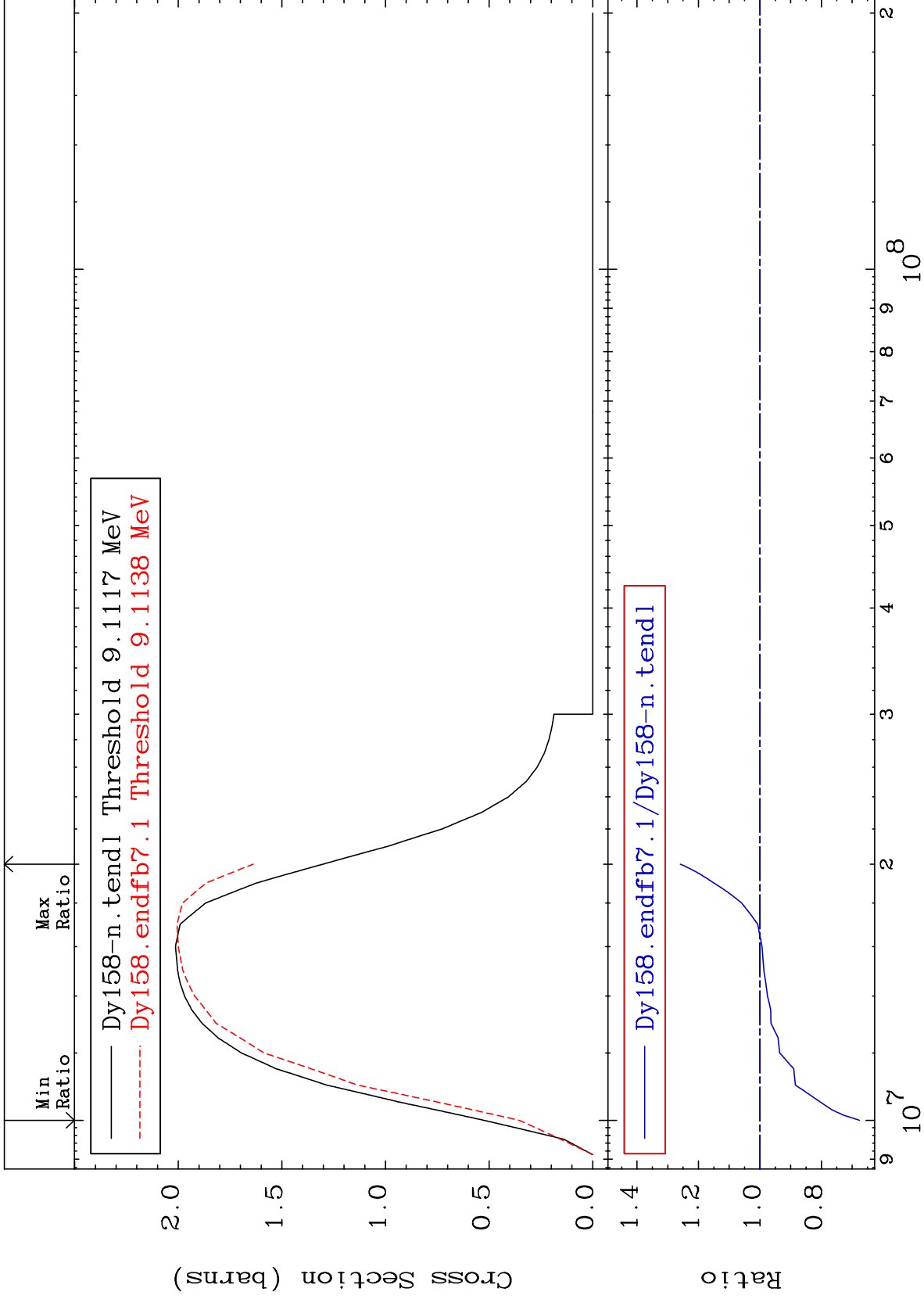
66-Dy-158

3

MAT 6631

(n,2n)  
Cross Section

66-Dy-158  
-32.38 To 25.90 %



4

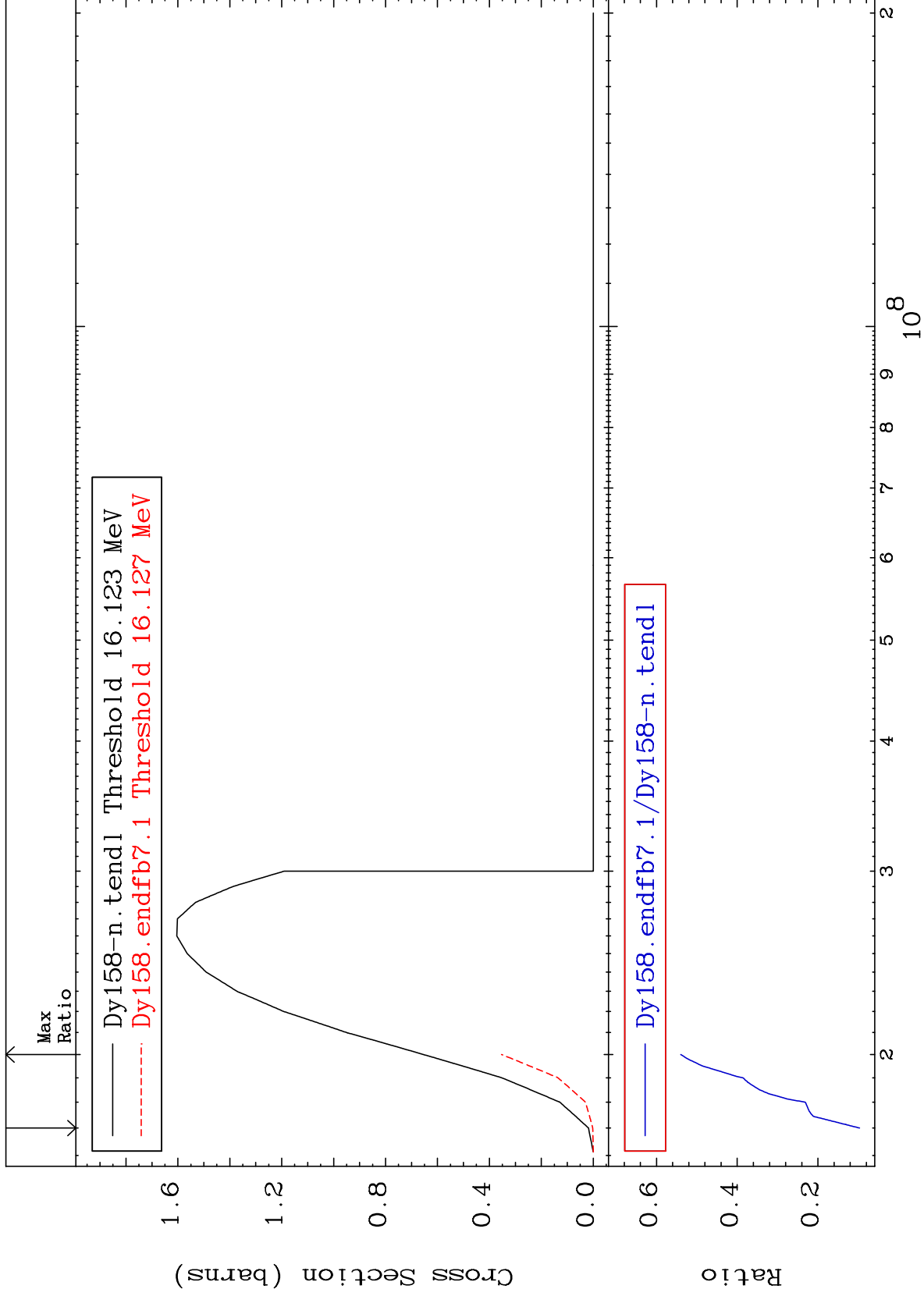
Incident Energy (eV)

66-Dy-158

MAT 6631

(n,3n)  
Cross Section

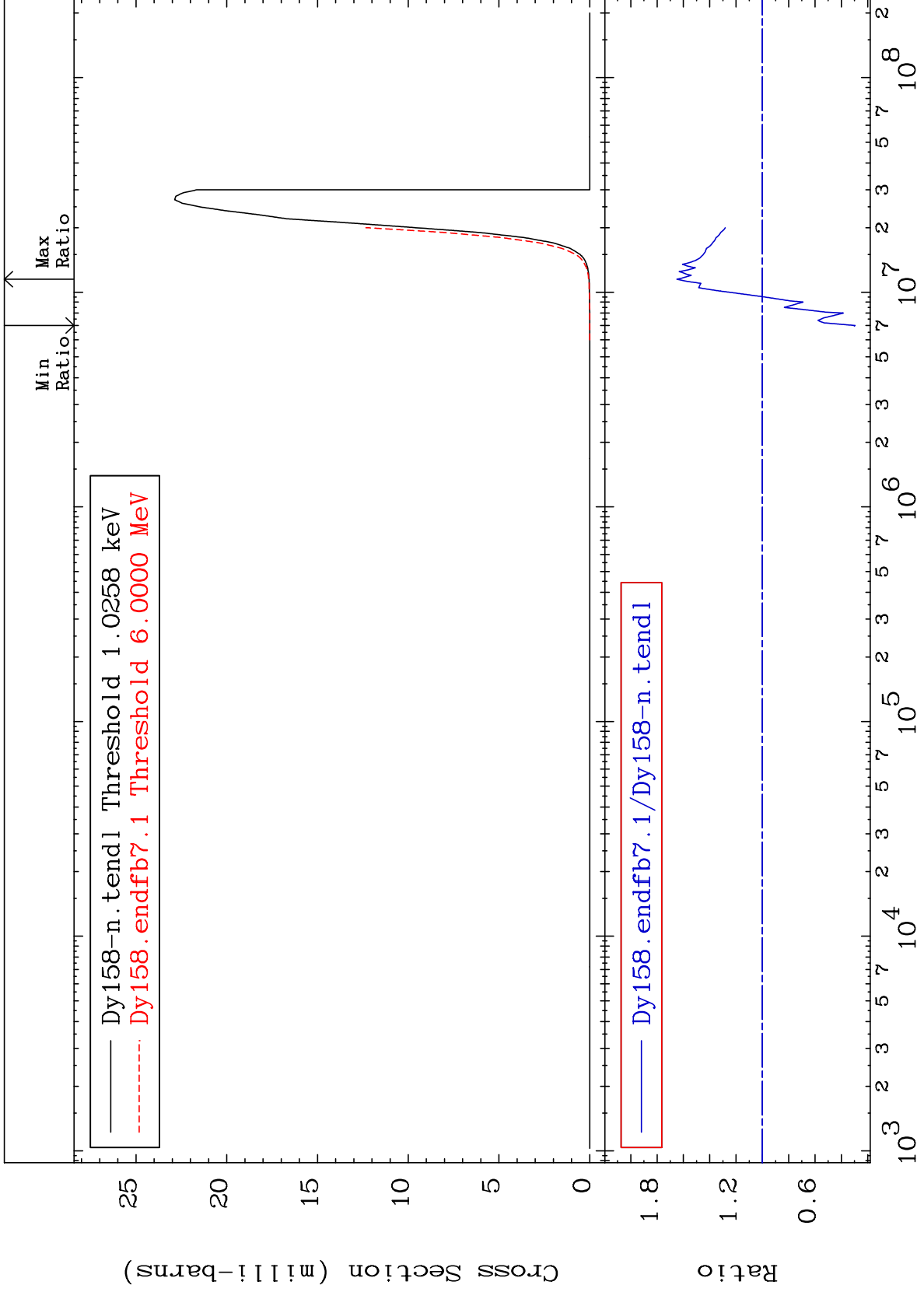
66-Dy-158  
-90.32 To -46.01%



MAT 6631

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

66-Dy-158  
-70.46 To 64.93 %



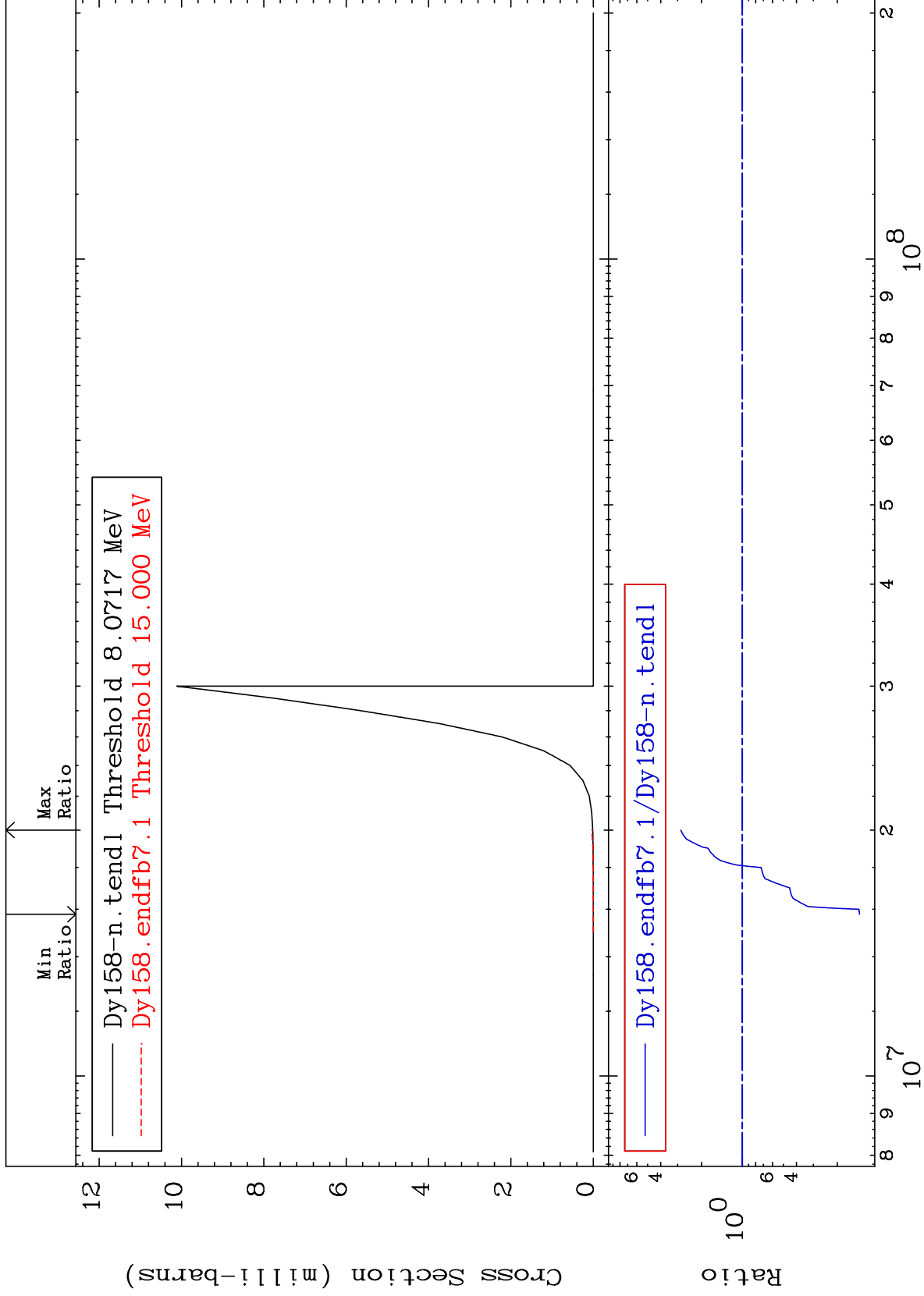
66-Dy-158

66-Dy-158

MAT 6631

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

66-Dy-158  
-86.29 To 184.6 %



7

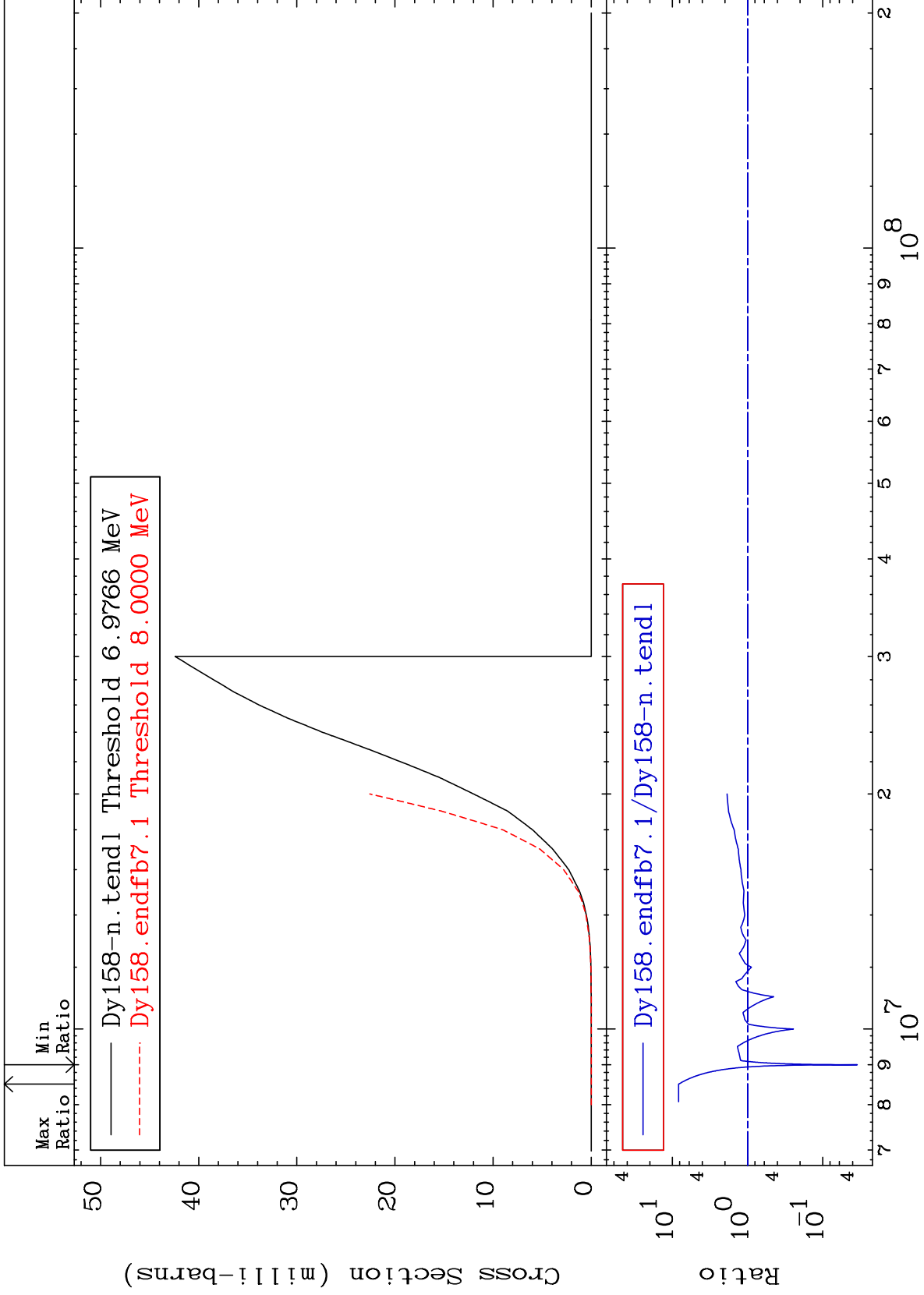
Incident Energy (eV)

66-Dy-158

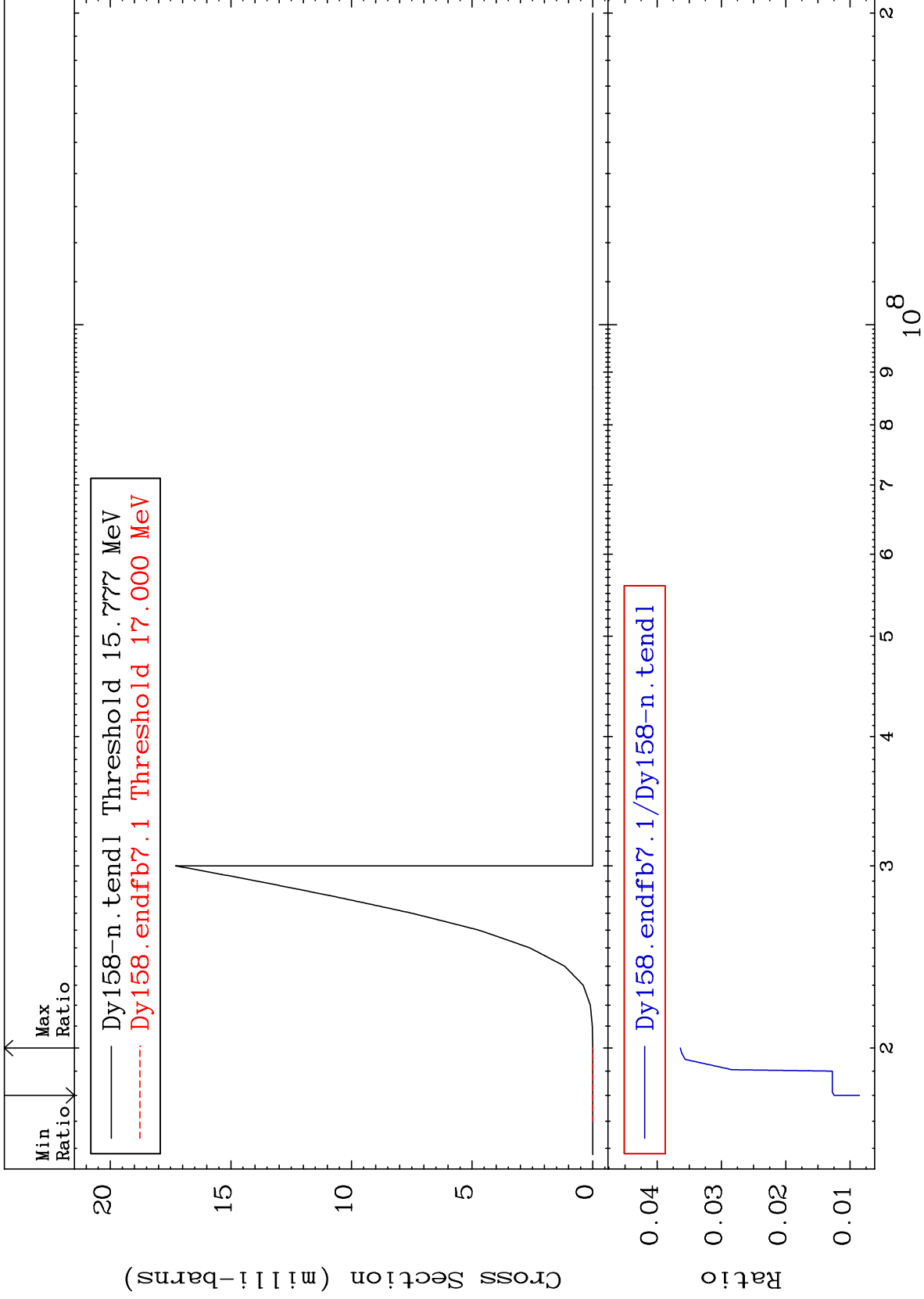
MAT 6631

(n,n') p  
Cross Section

66-Dy-158  
-96.53 To 727.3 %



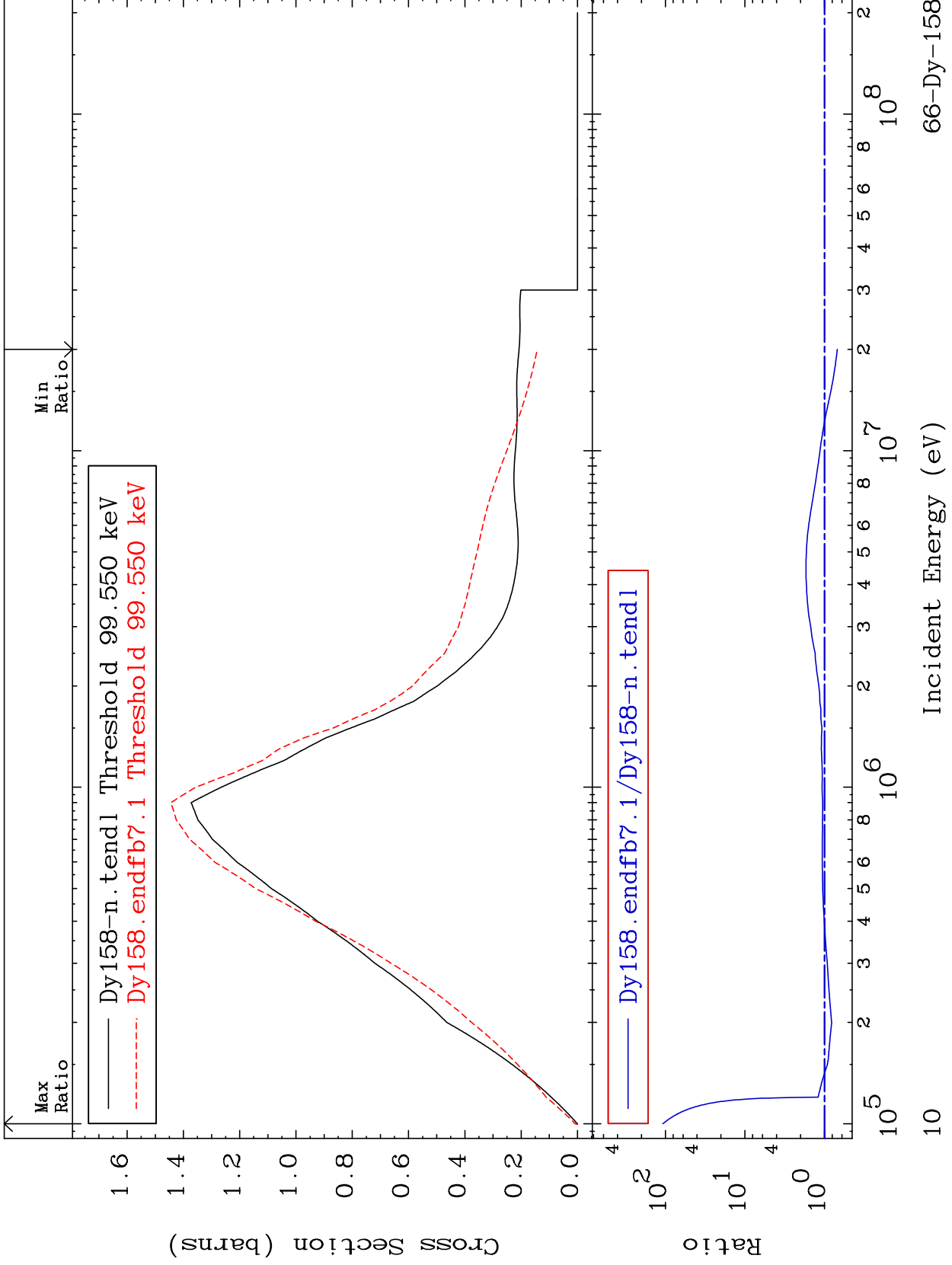




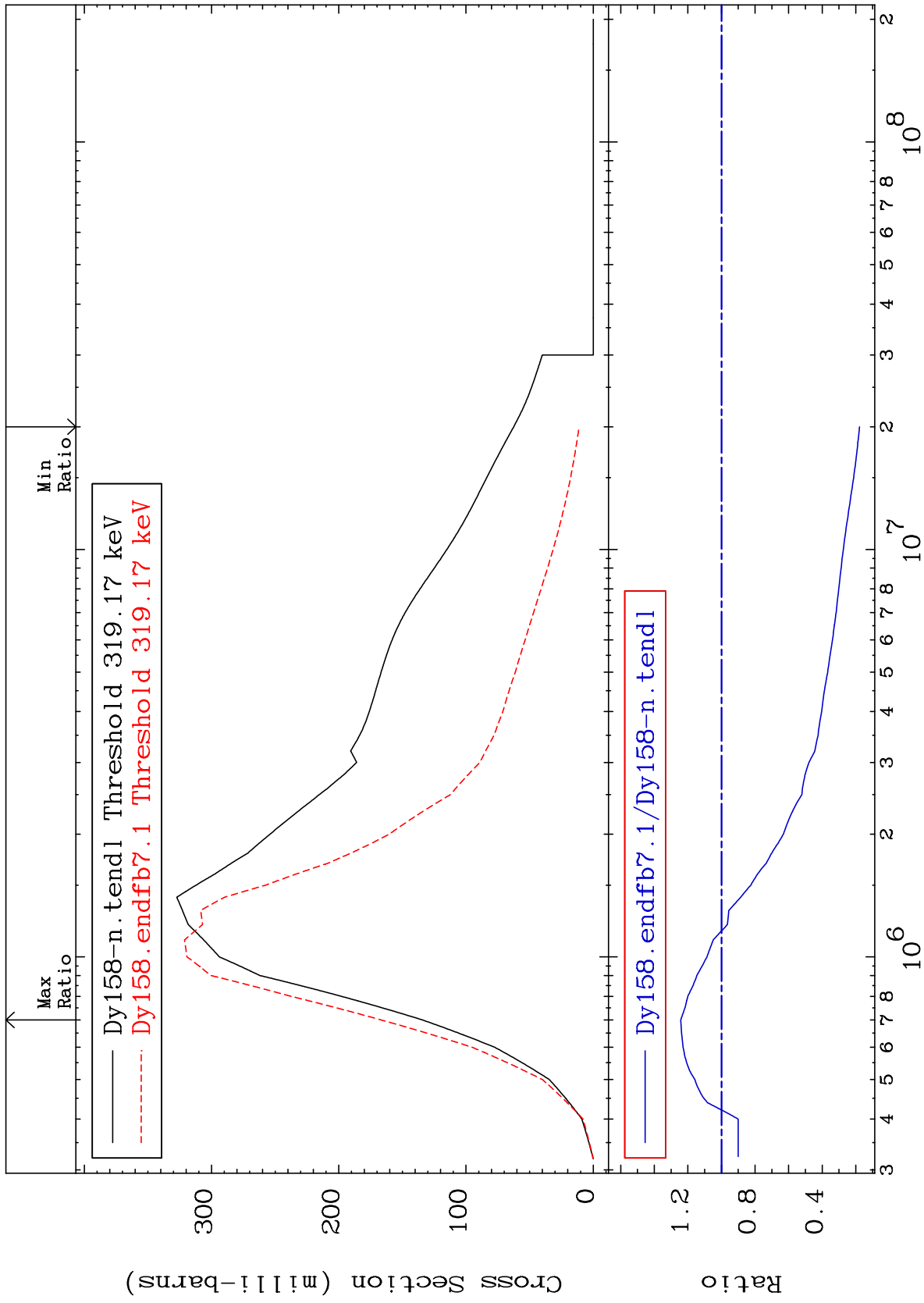
MAT 6631

98.92 keV (n,n') Level  
Cross Section

66-Dy-158  
-31.13 To 9999. %



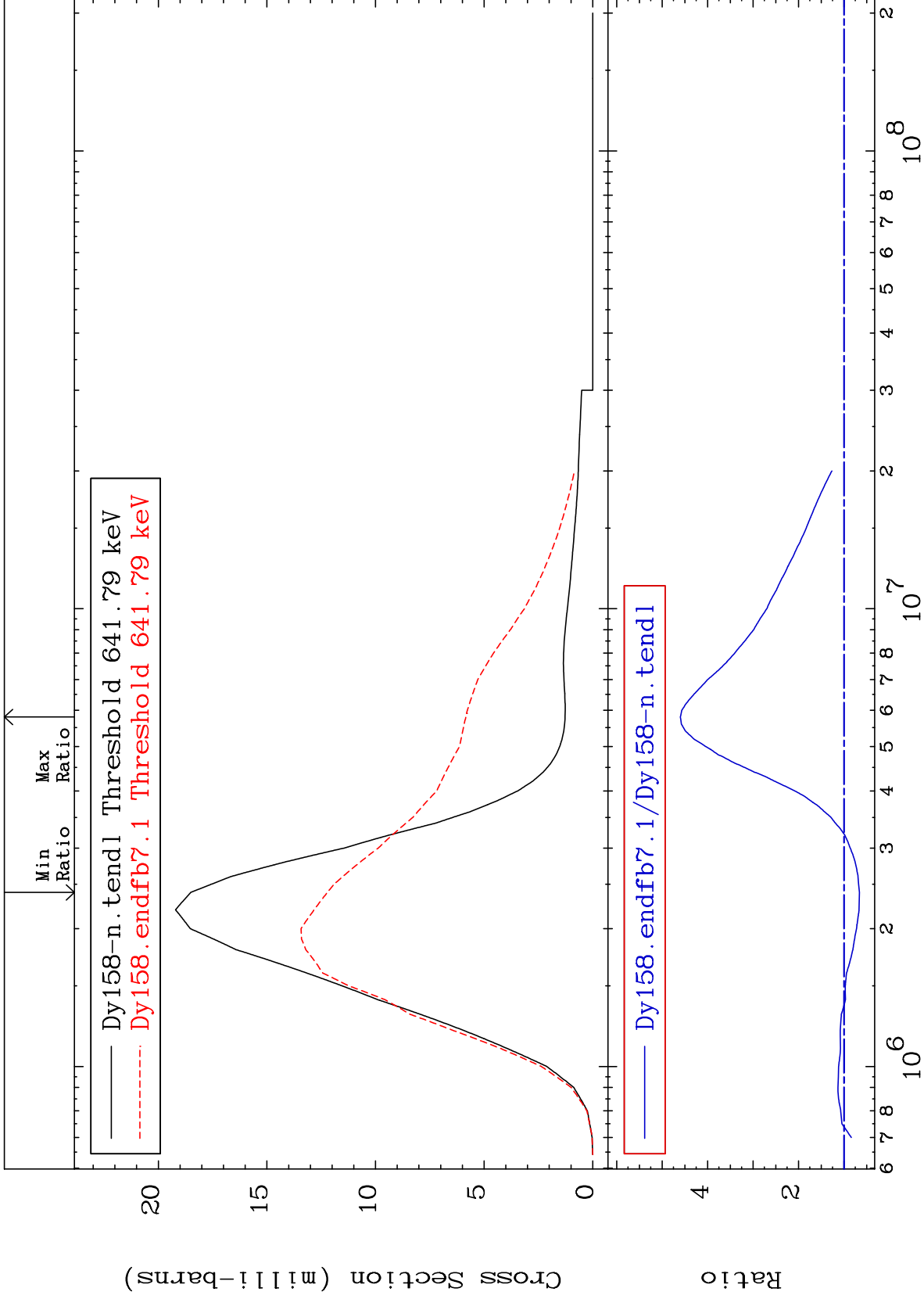
MAT 6631      317.1 keV (n,n') Level      66-Dy-158  
 Cross Section      -82.24 To 24.22 %



MAT 6631

637.7 keV (n,n') Level  
Cross Section

66-Dy-158  
-33.97 To 359.9 %



12

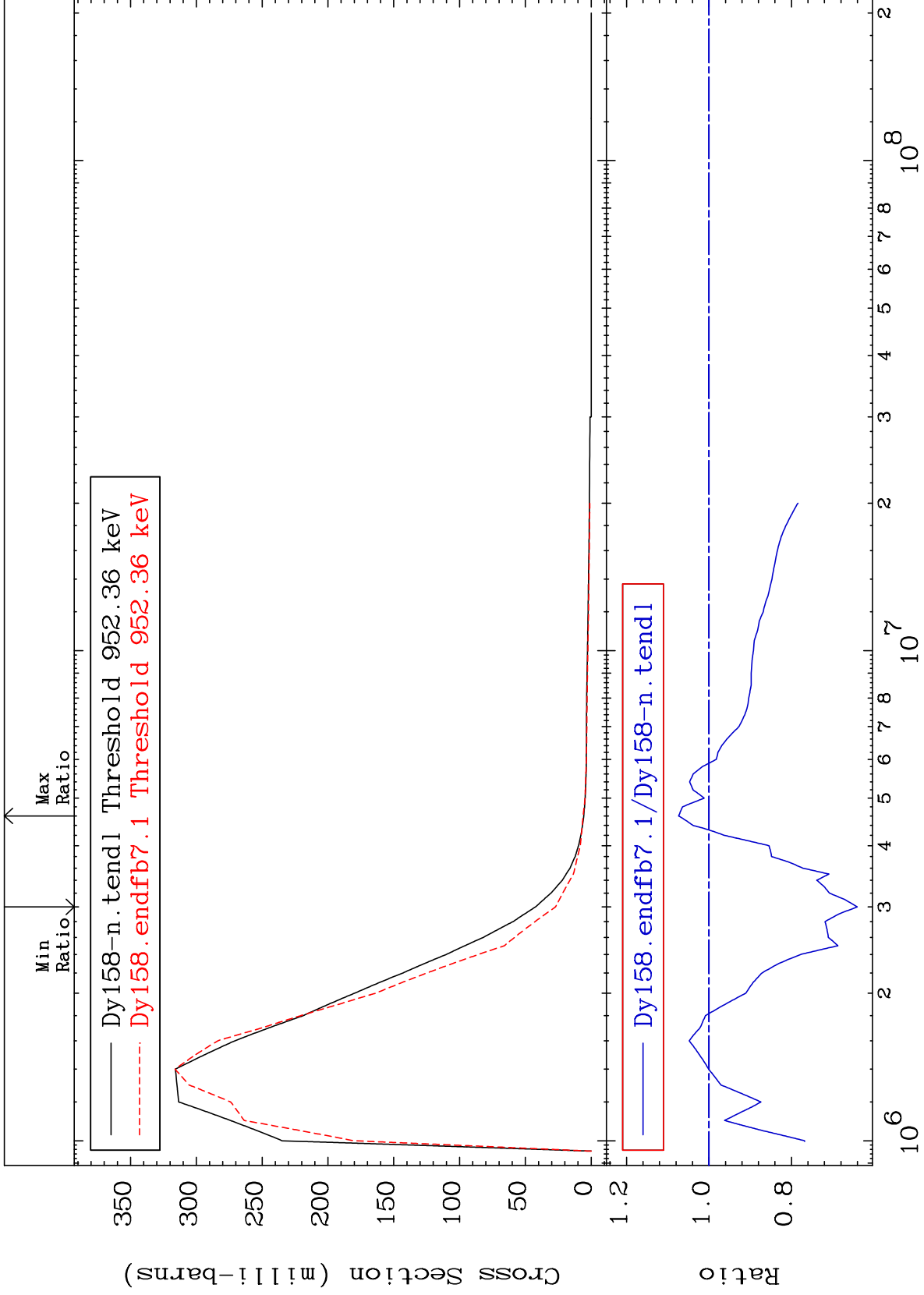
Incident Energy (eV)

66-Dy-158

MAT 6631

946.3 keV (n,n') Level  
Cross Section

66-Dy-158  
-35.95 To 7.367 %



13

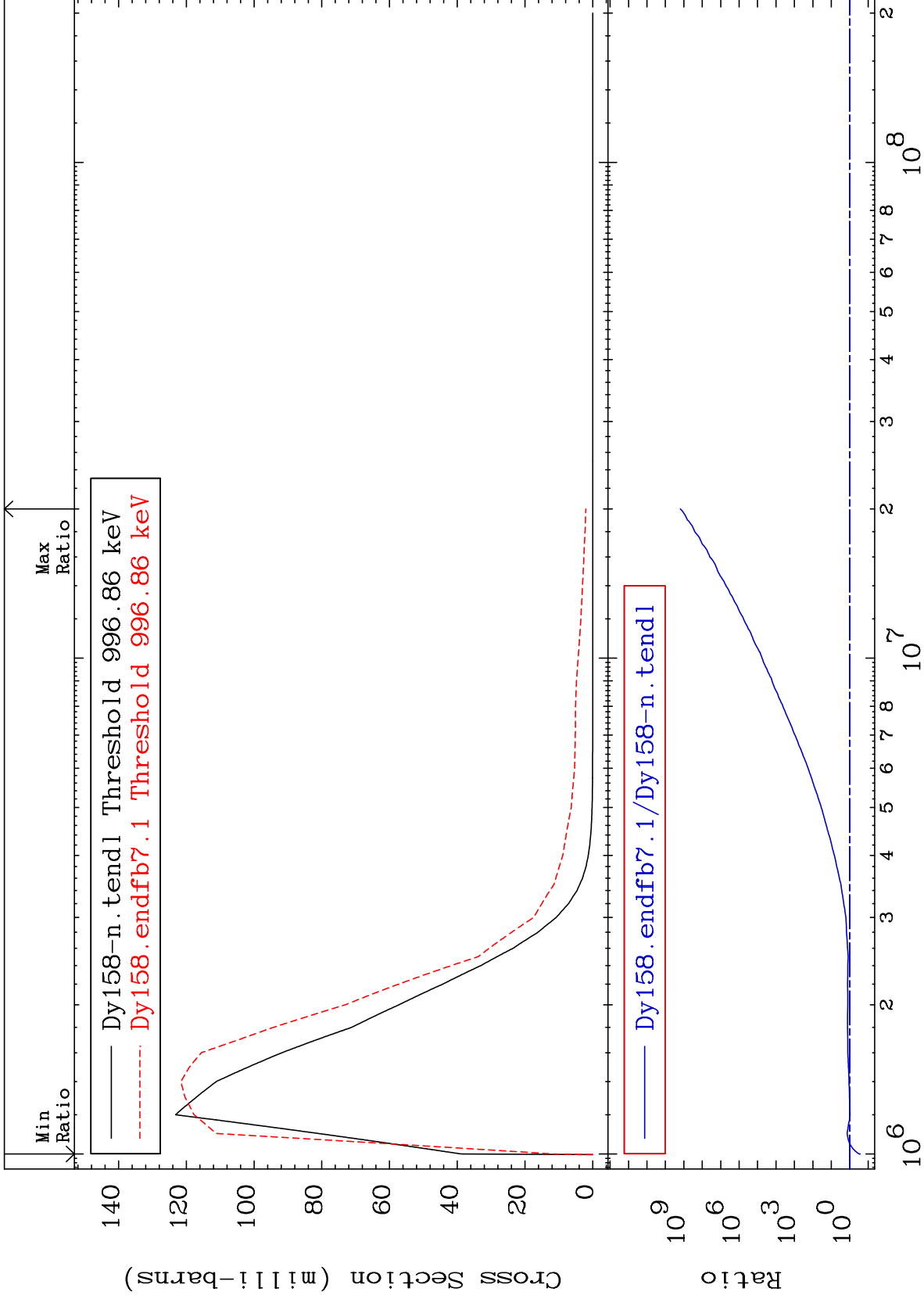
Incident Energy (eV)

66-Dy-158

MAT 6631

990.5 keV (n,n') Level  
Cross Section

66-Dy-158  
-70.38 To 9999. %



14

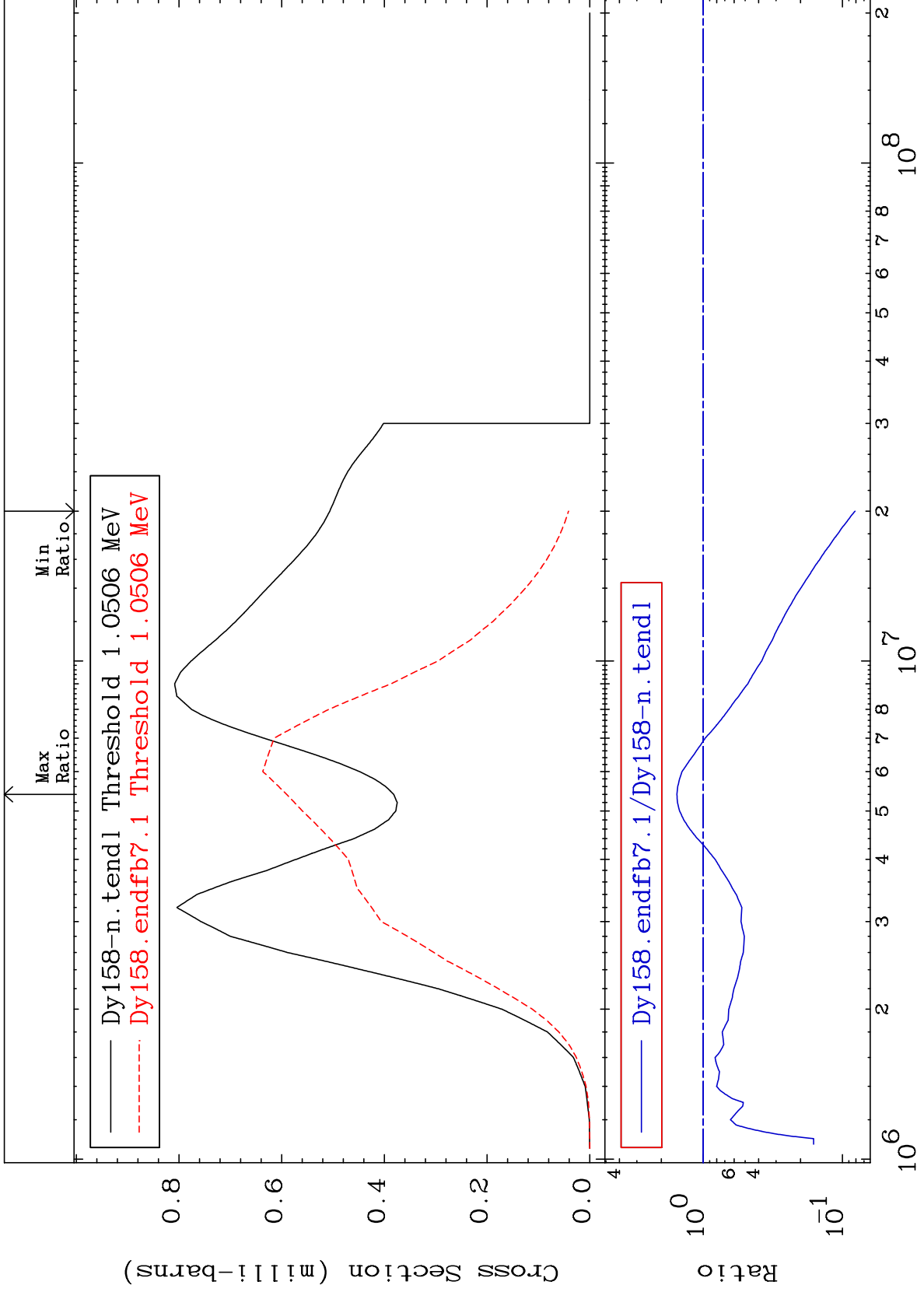
Incident Energy (eV)

66-Dy-158

MAT 6631

1.044 MeV (n,n') Level  
Cross Section

66-Dy-158  
-91.89 To 54.60 %



15

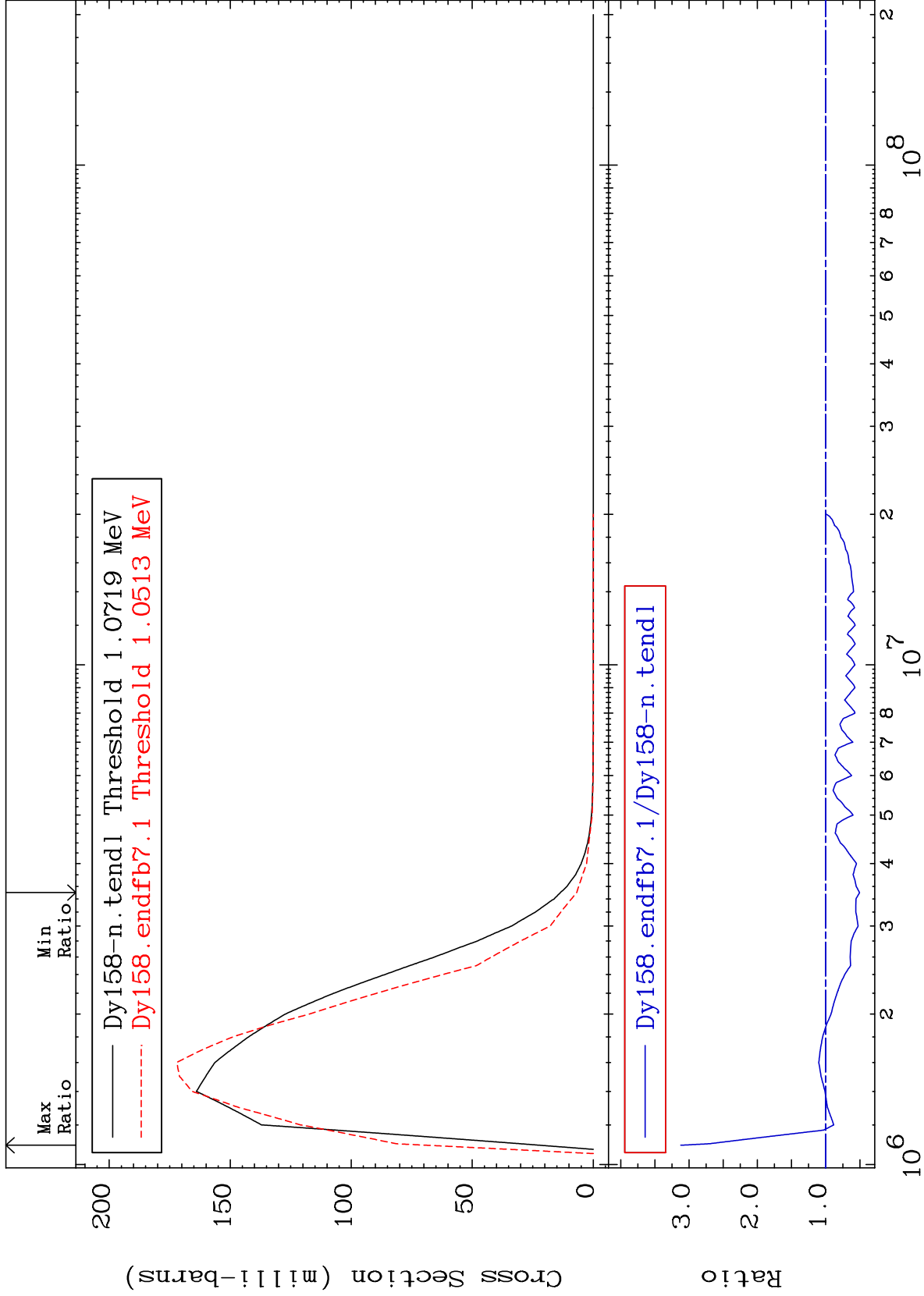
Incident Energy (eV)

66-Dy-158

MAT 6631

1.065 MeV (n,n') Level  
Cross Section

66-Dy-158  
-49.53 To 212.2 %



16

Incident Energy (eV)

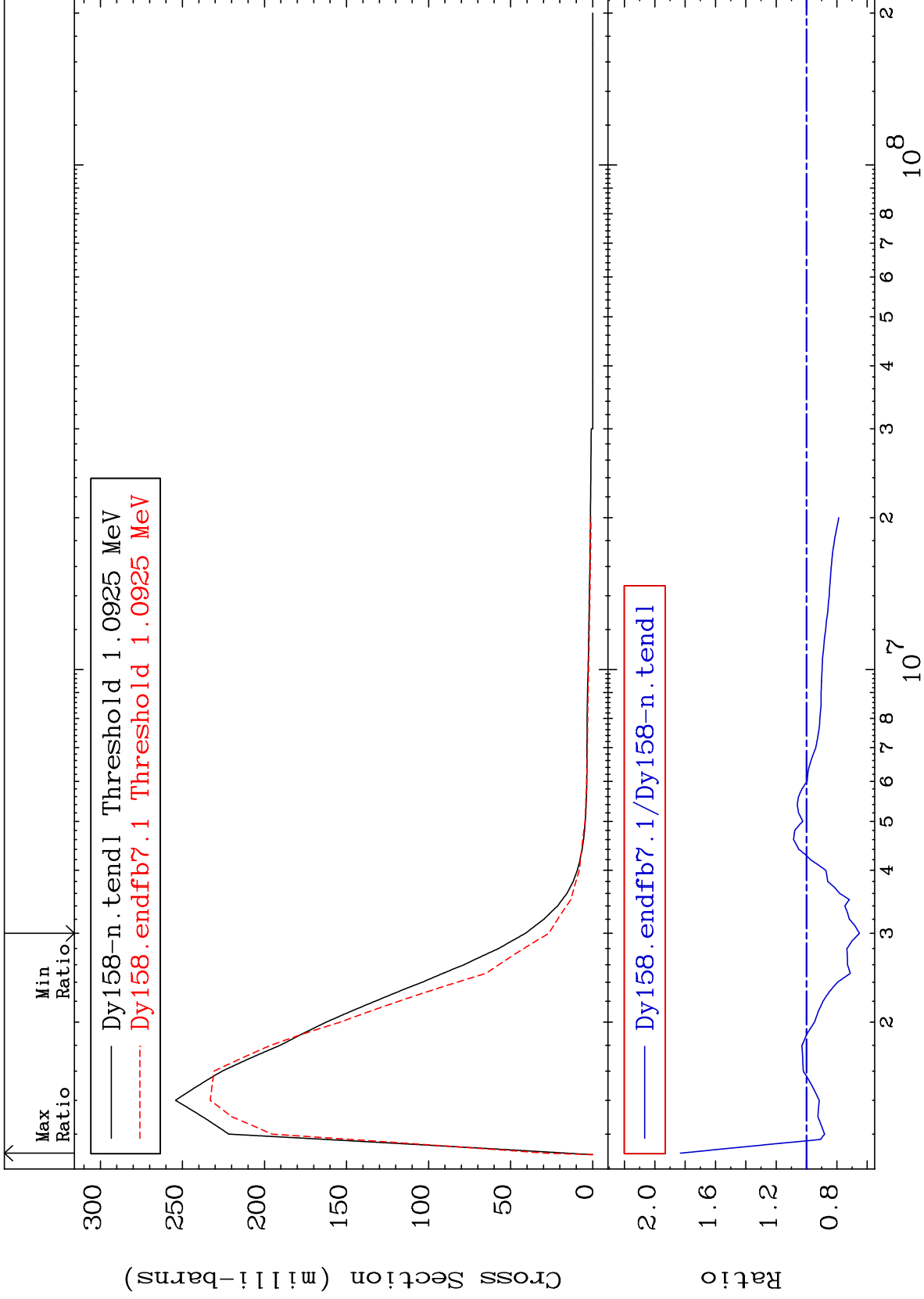
66-Dy-158



MAT 6631

1.086 MeV (n,n') Level  
Cross Section

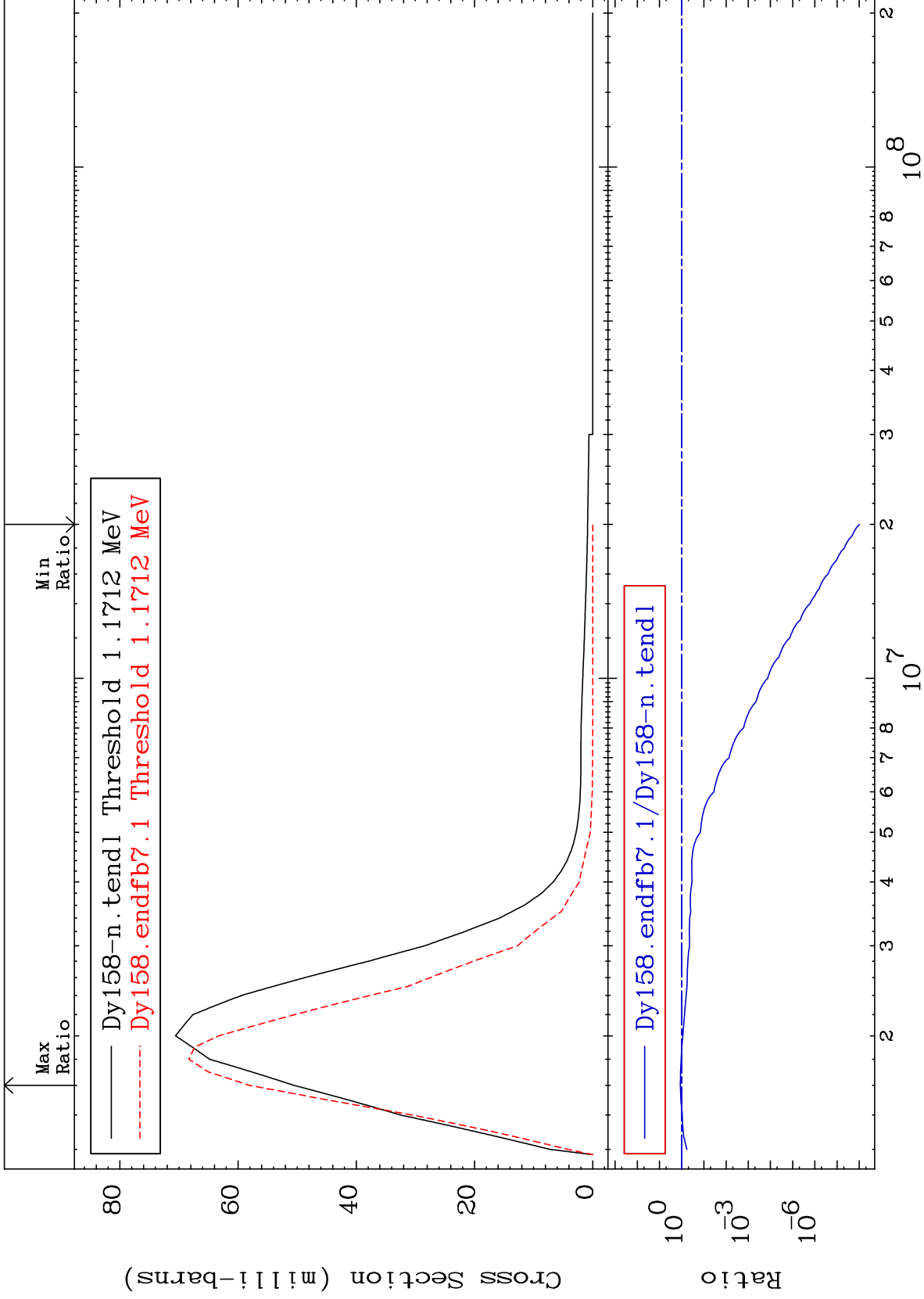
66-Dy-158  
-34.86 To 83.17 %



MAT 6631

1.164 MeV (n,n') Level  
Cross Section

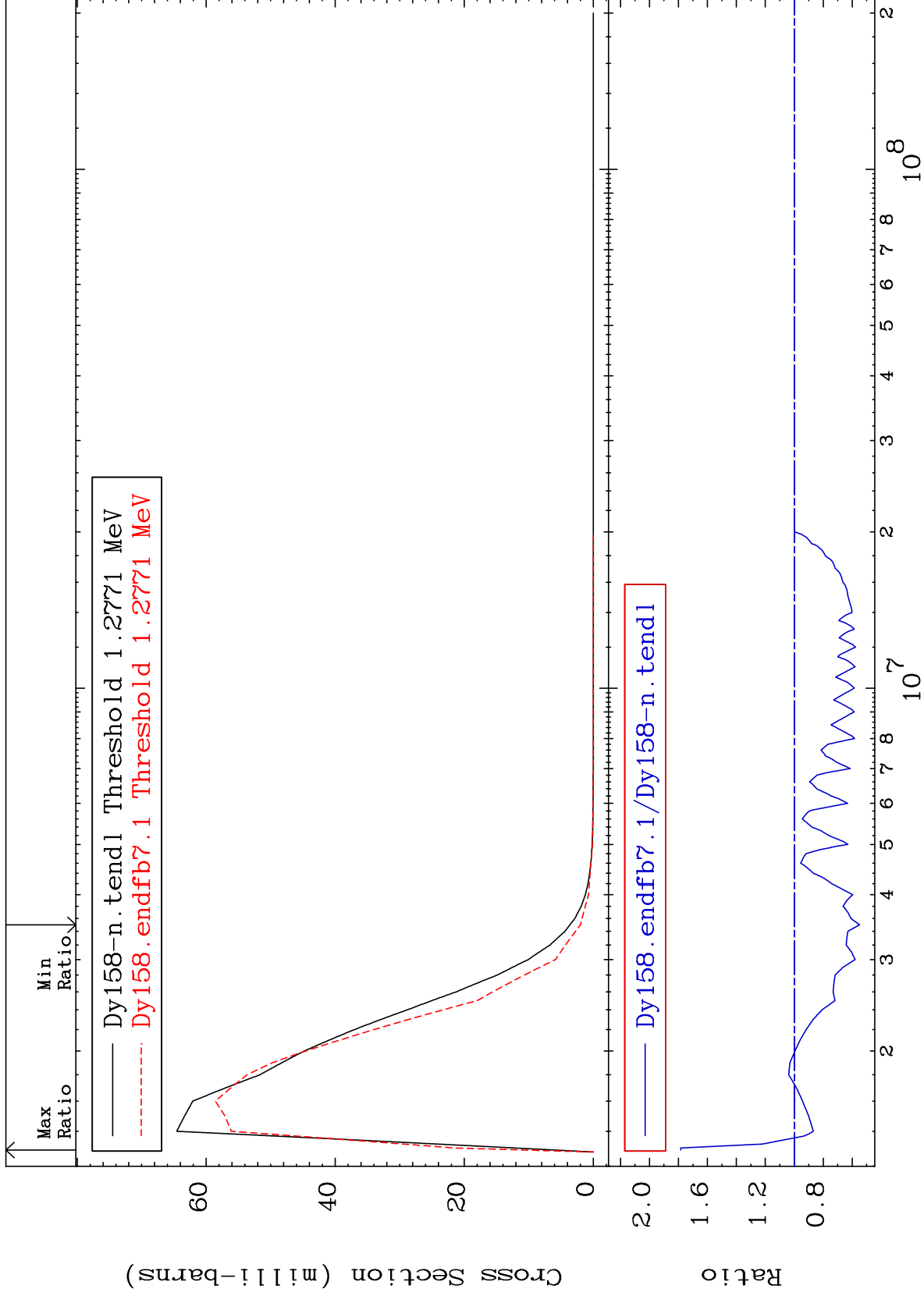
66-Dy-158  
-100.0 To 14.95 %



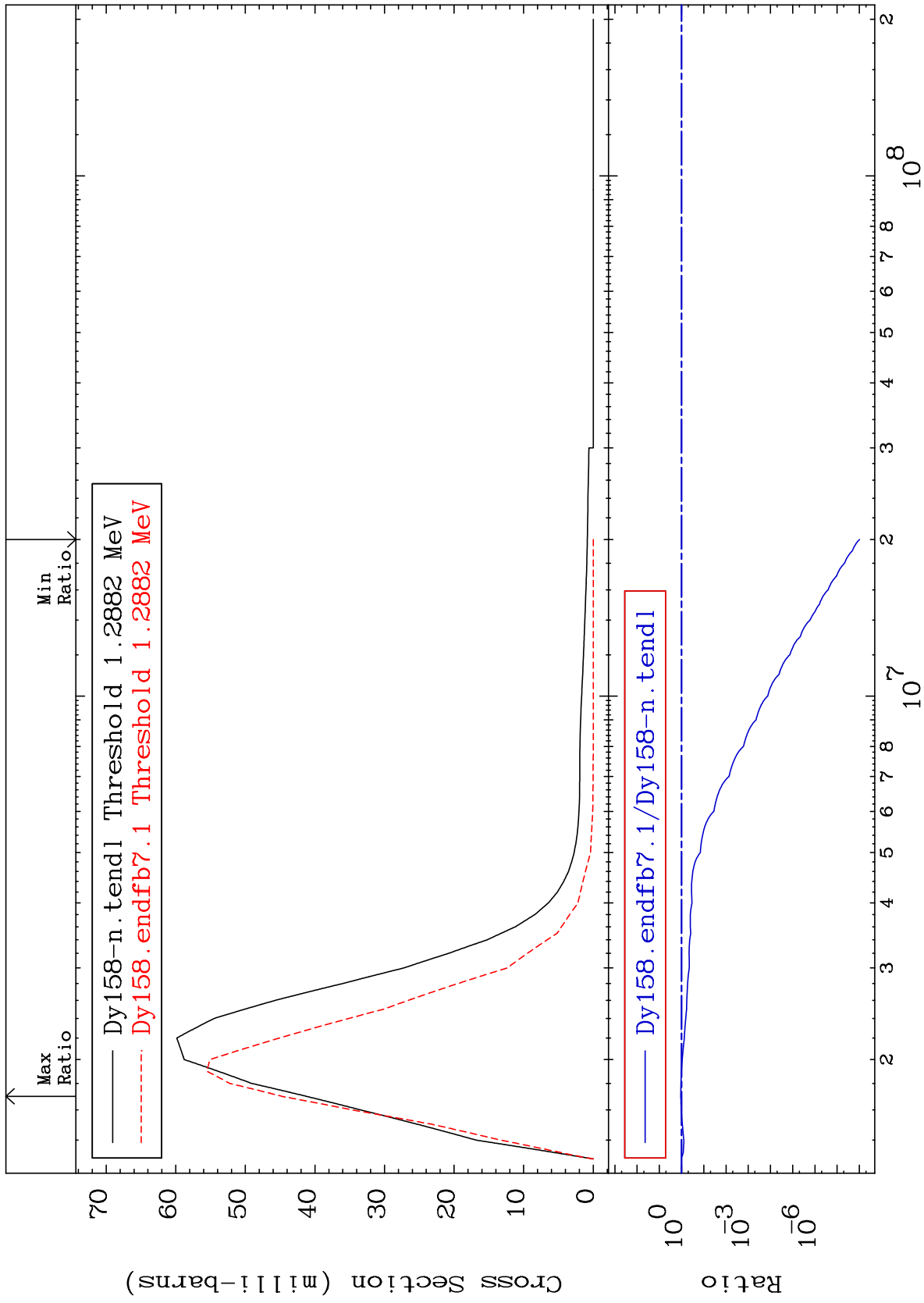
MAT 6631

1.269 MeV (n,n') Level  
Cross Section

66-Dy-158  
-45.05 To 78.38 %



MAT 6631 1.280 MeV (n,n') Level Cross Section 66-Dy-158 -100.0 To 8.479 %

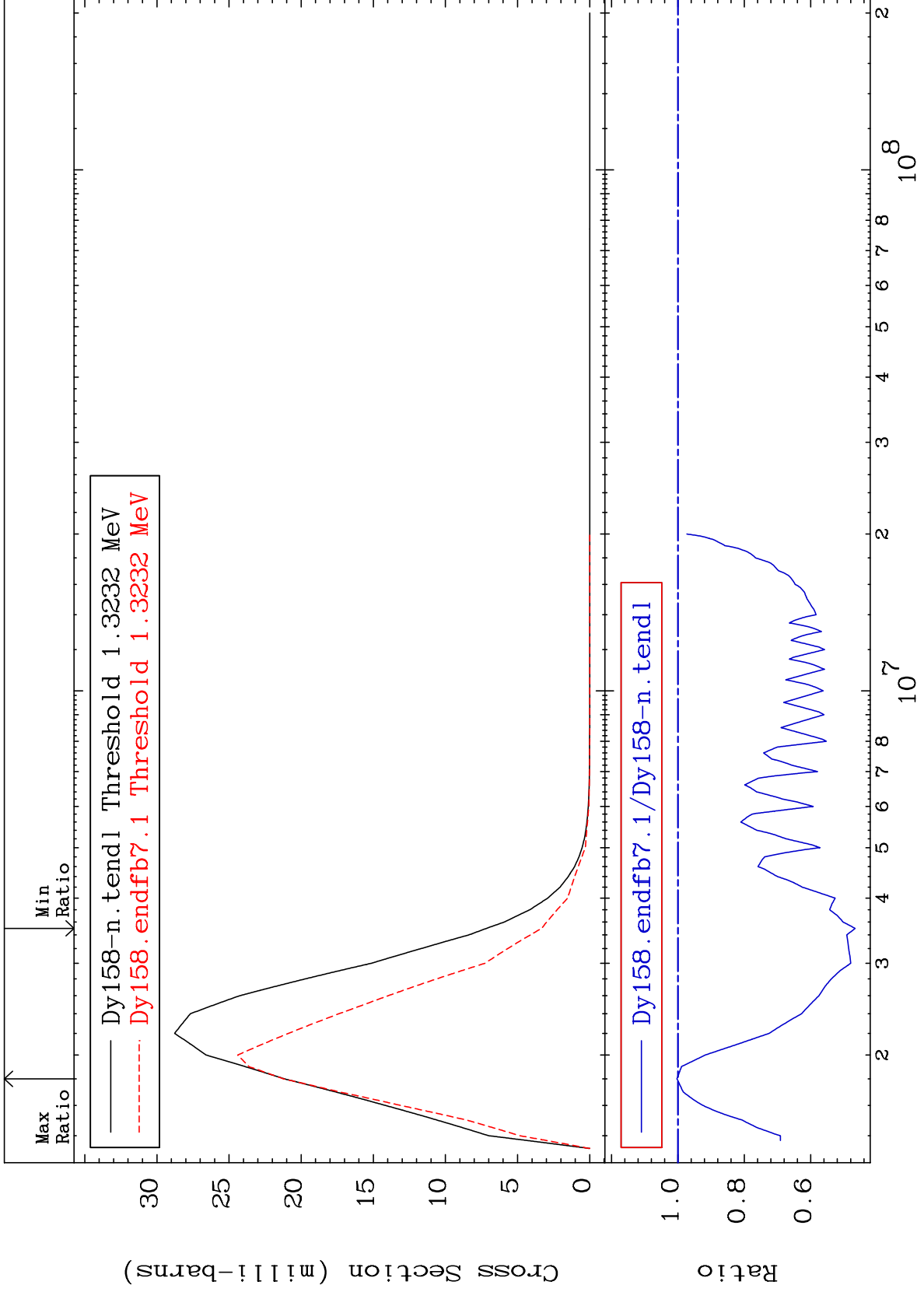


20 Incident Energy (eV) 66-Dy-158

MAT 6631

1.315 MeV (n,n') Level  
Cross Section

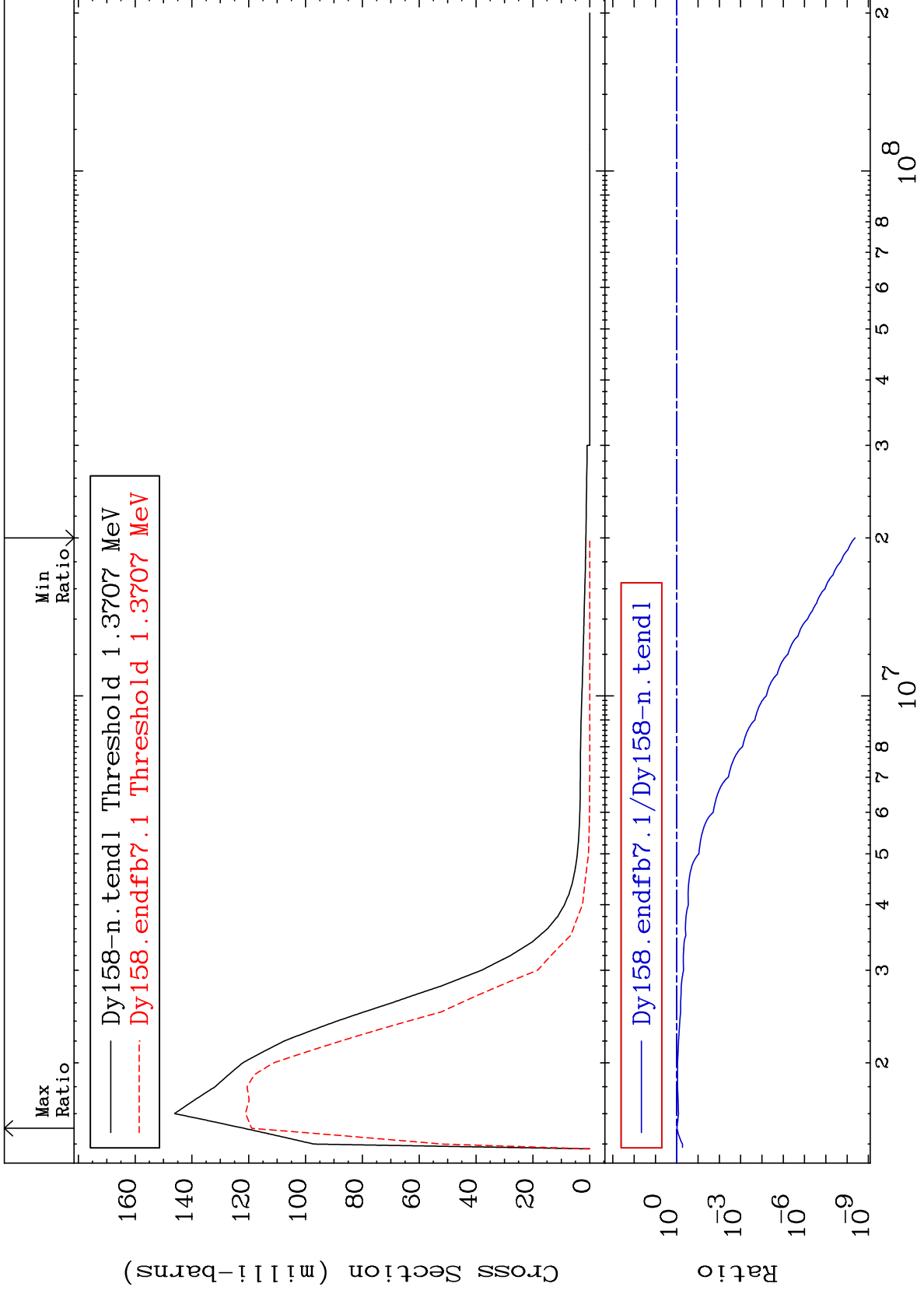
66-Dy-158  
-53.34 To 0.296 %



MAT 6631

1.362 MeV (n,n') Level  
Cross Section

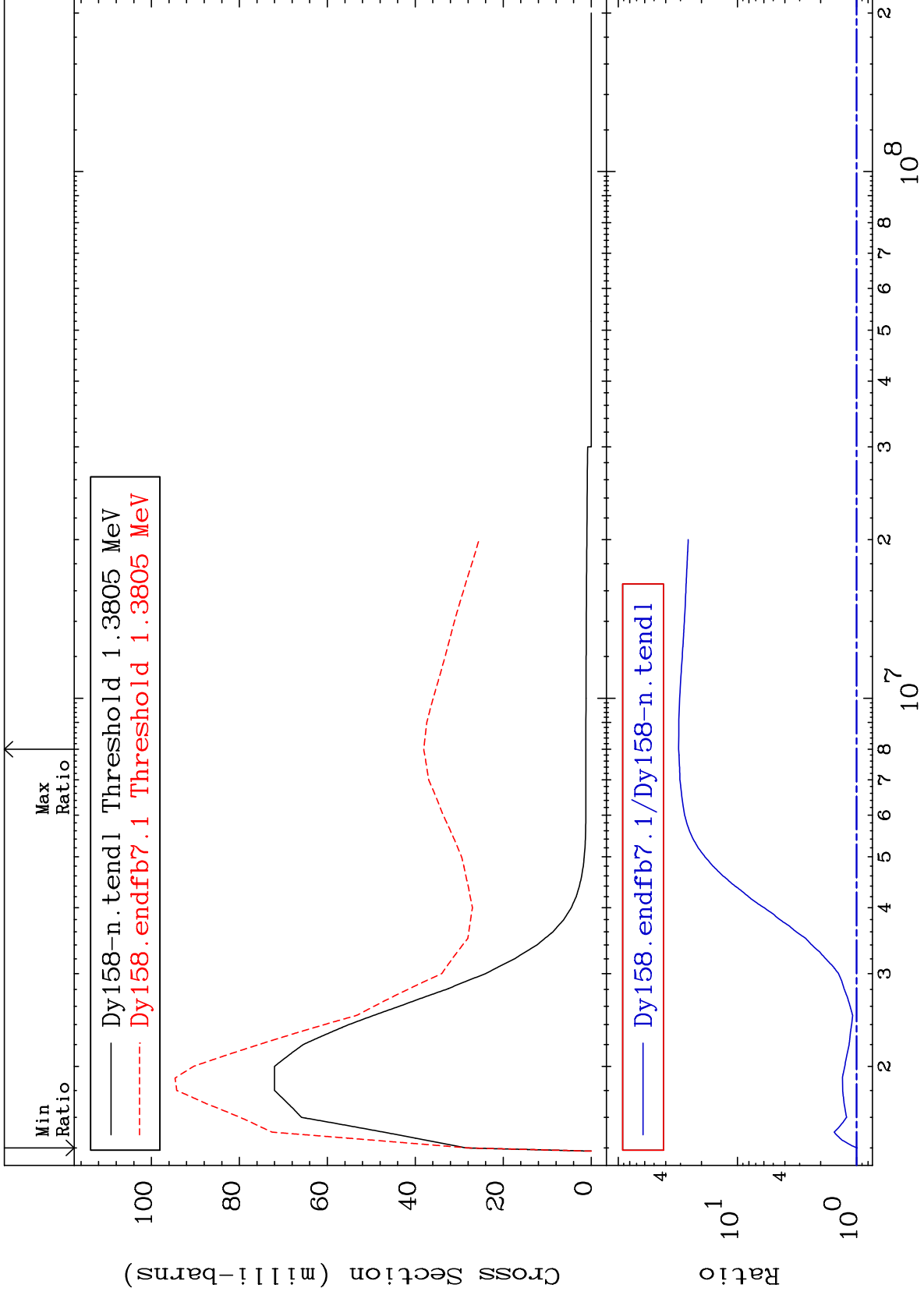
66-Dy-158  
-100.0 To -2.183%



MAT 6631

1.372 MeV (n,n') Level  
Cross Section

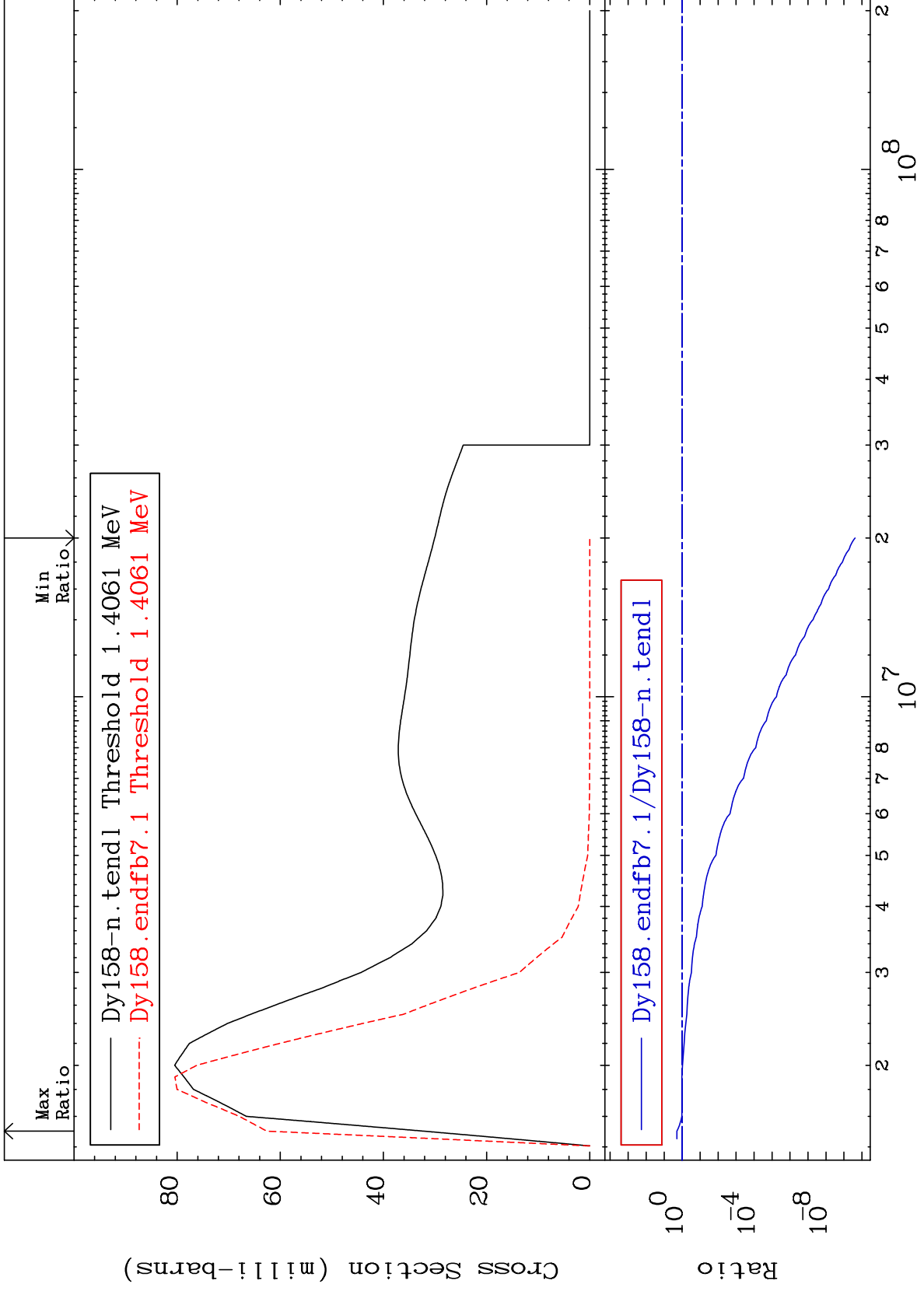
66-Dy-158  
-1.397 To 3010. %



MAT 6631

1.397 MeV (n,n') Level  
Cross Section

66-Dy-158  
-100.0 To 94.26 %

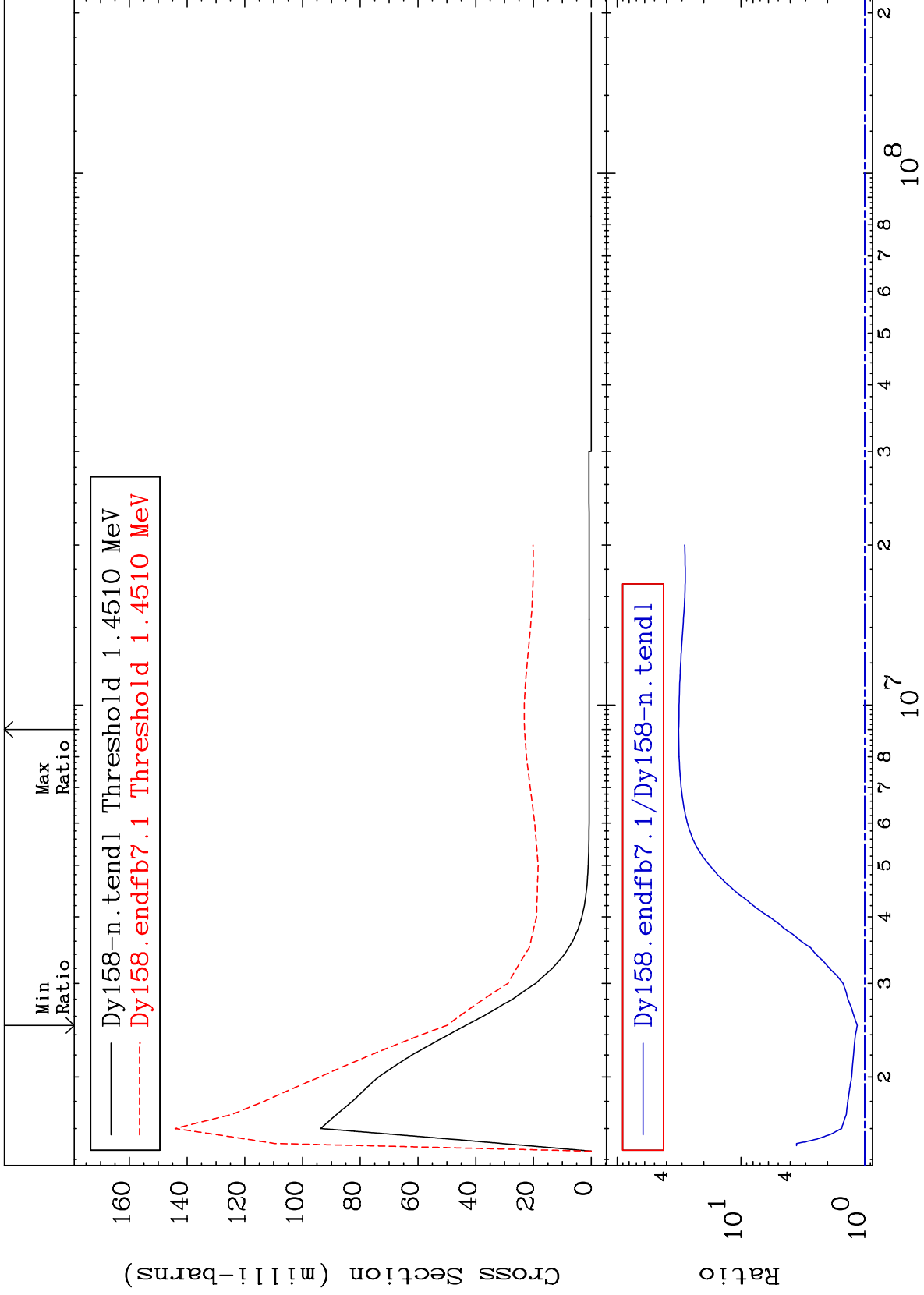




MAT 6631

1.442 MeV (n,n') Level  
Cross Section

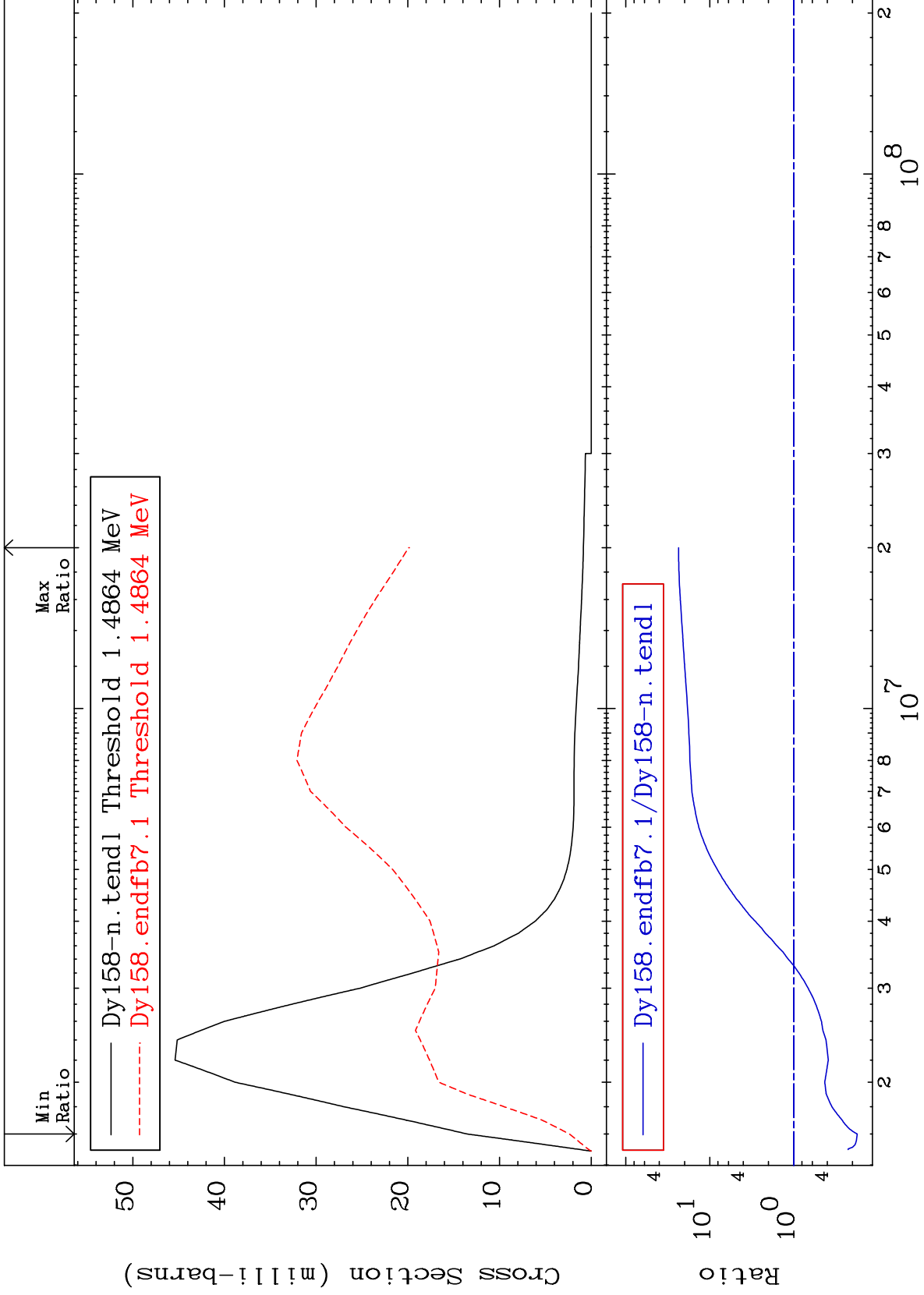
66-Dy-158  
14.97 To 3088. %



MAT 6631

1.477 MeV (n,n') Level  
Cross Section

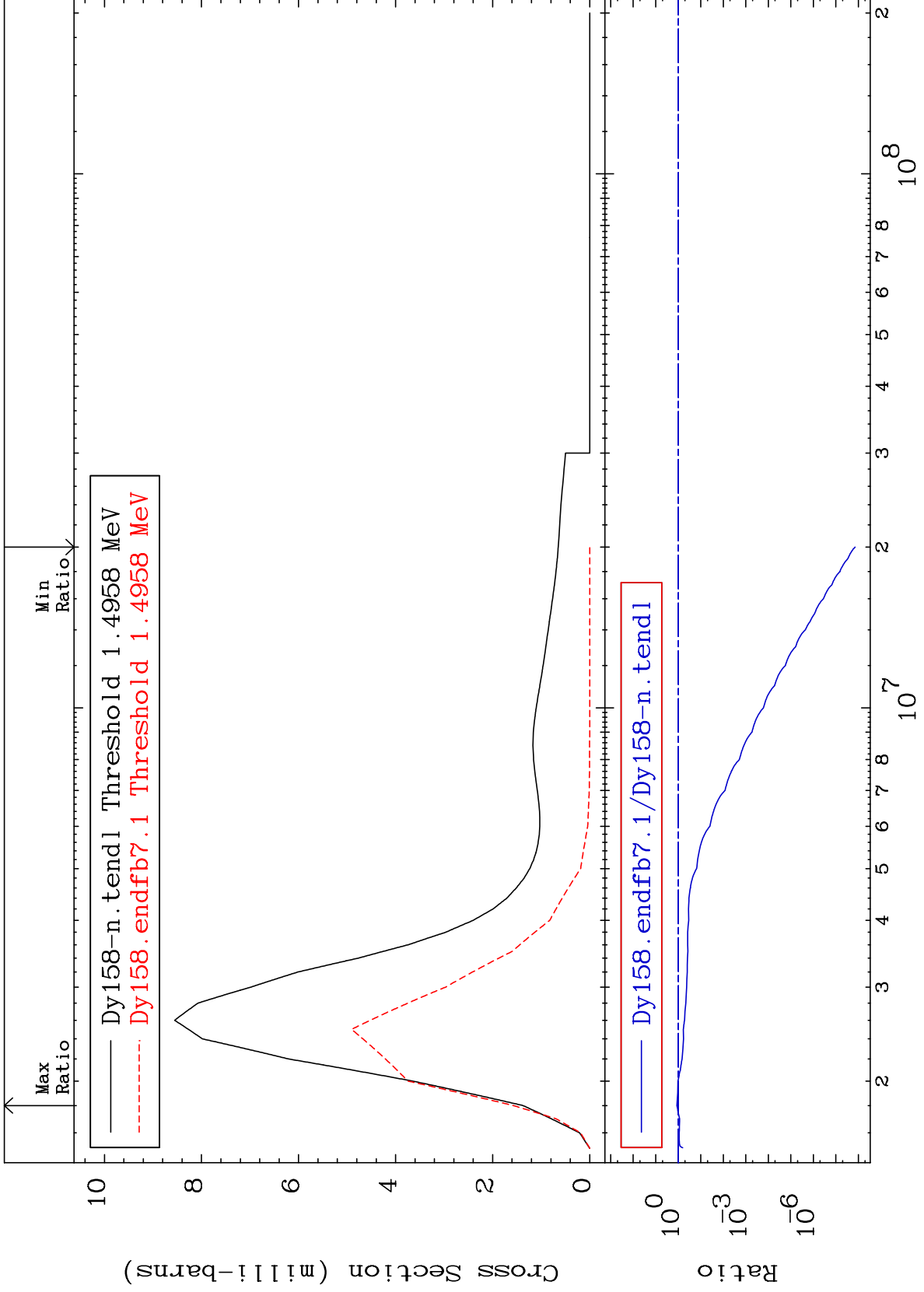
66-Dy-158  
-82.45 To 2252. %



MAT 6631

1.486 MeV (n,n') Level  
Cross Section

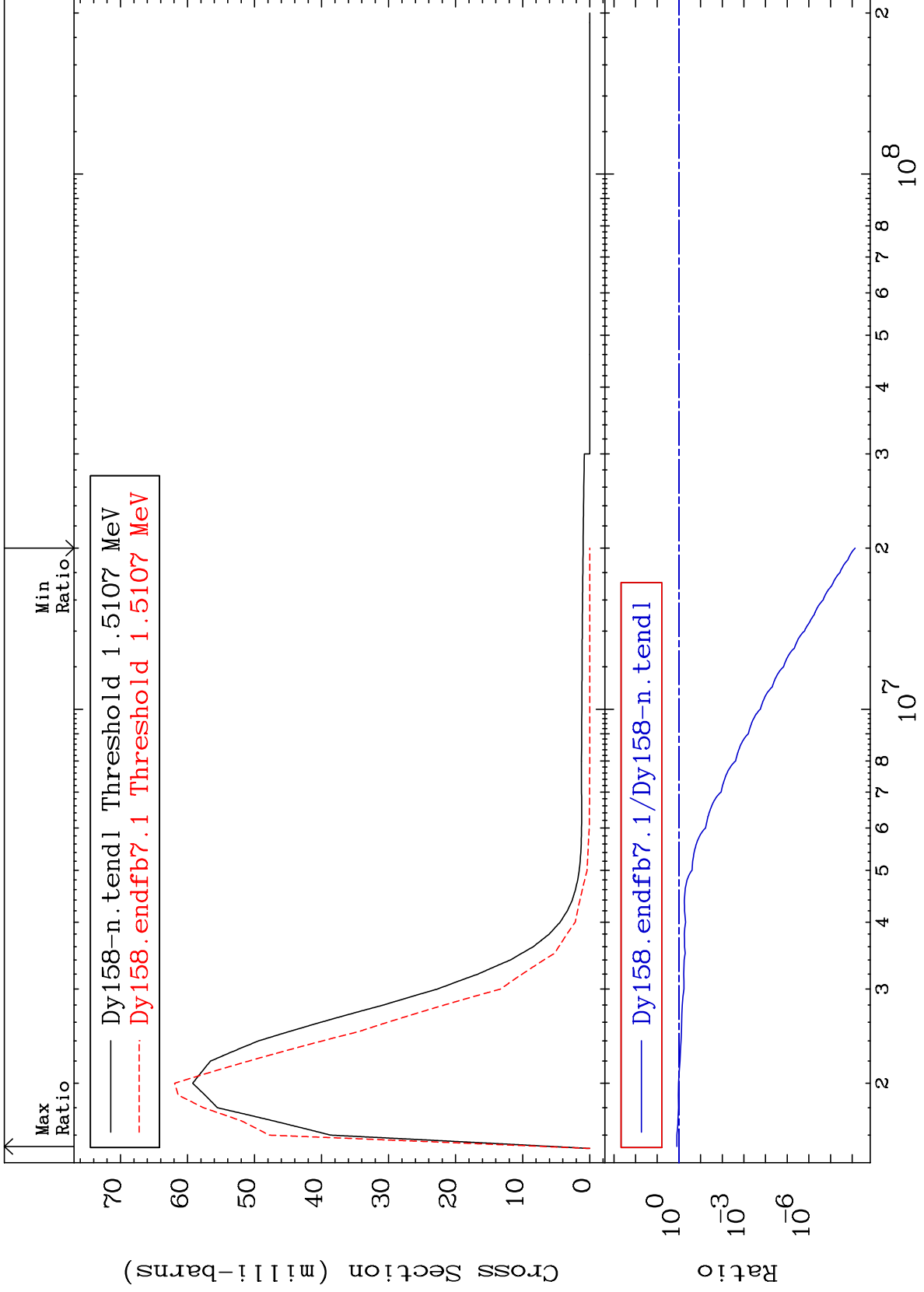
66-Dy-158  
-100.0 To 14.34 %



MAT 6631

1.501 MeV (n,n') Level  
Cross Section

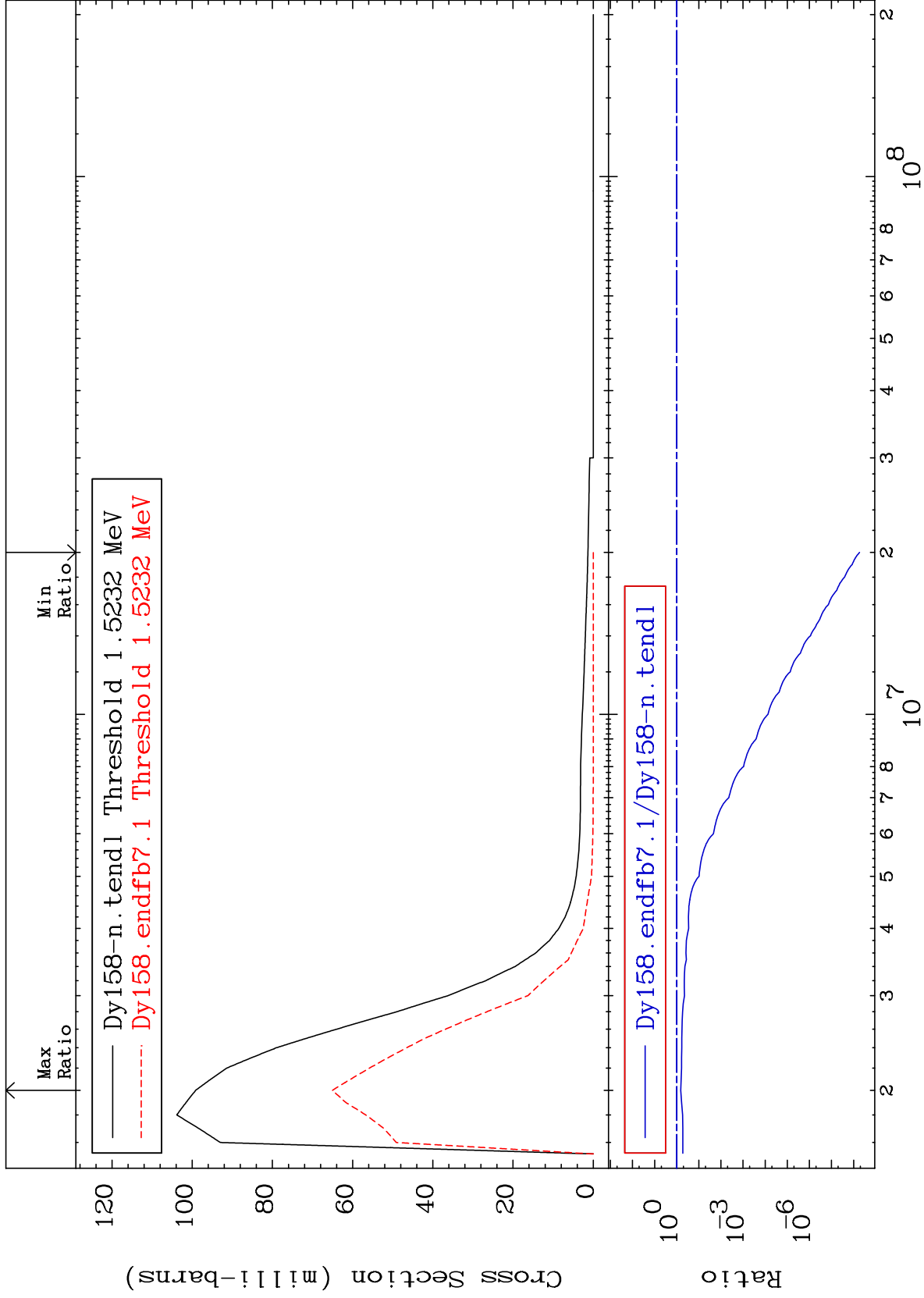
66-Dy-158  
-100.0 To 23.67 %



MAT 6631

1.514 MeV (n,n') Level  
Cross Section

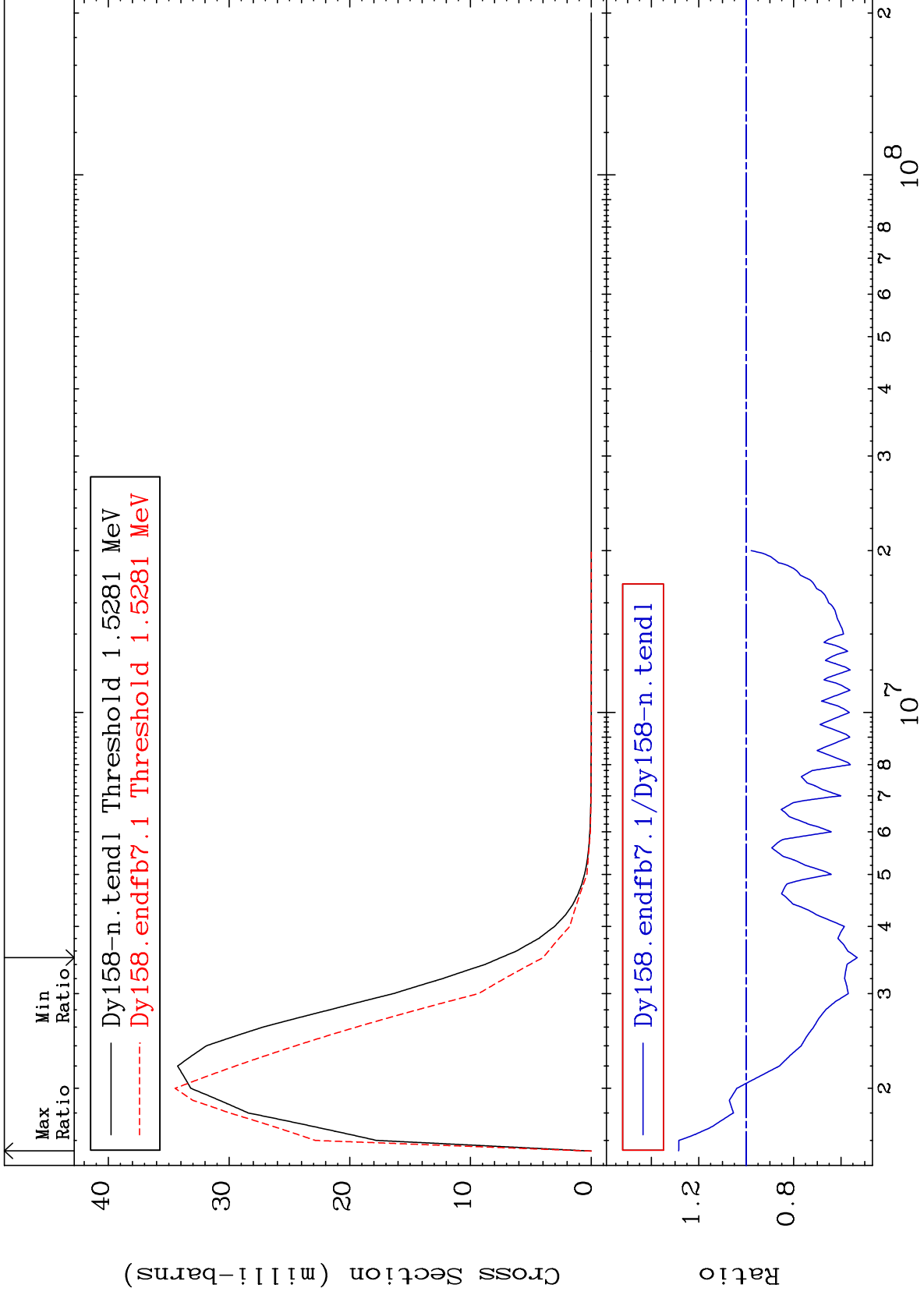
66-Dy-158  
-100.0 To -34.40%



MAT 6631

1.518 MeV (n,n') Level  
Cross Section

66-Dy-158  
-46.84 To 28.52 %



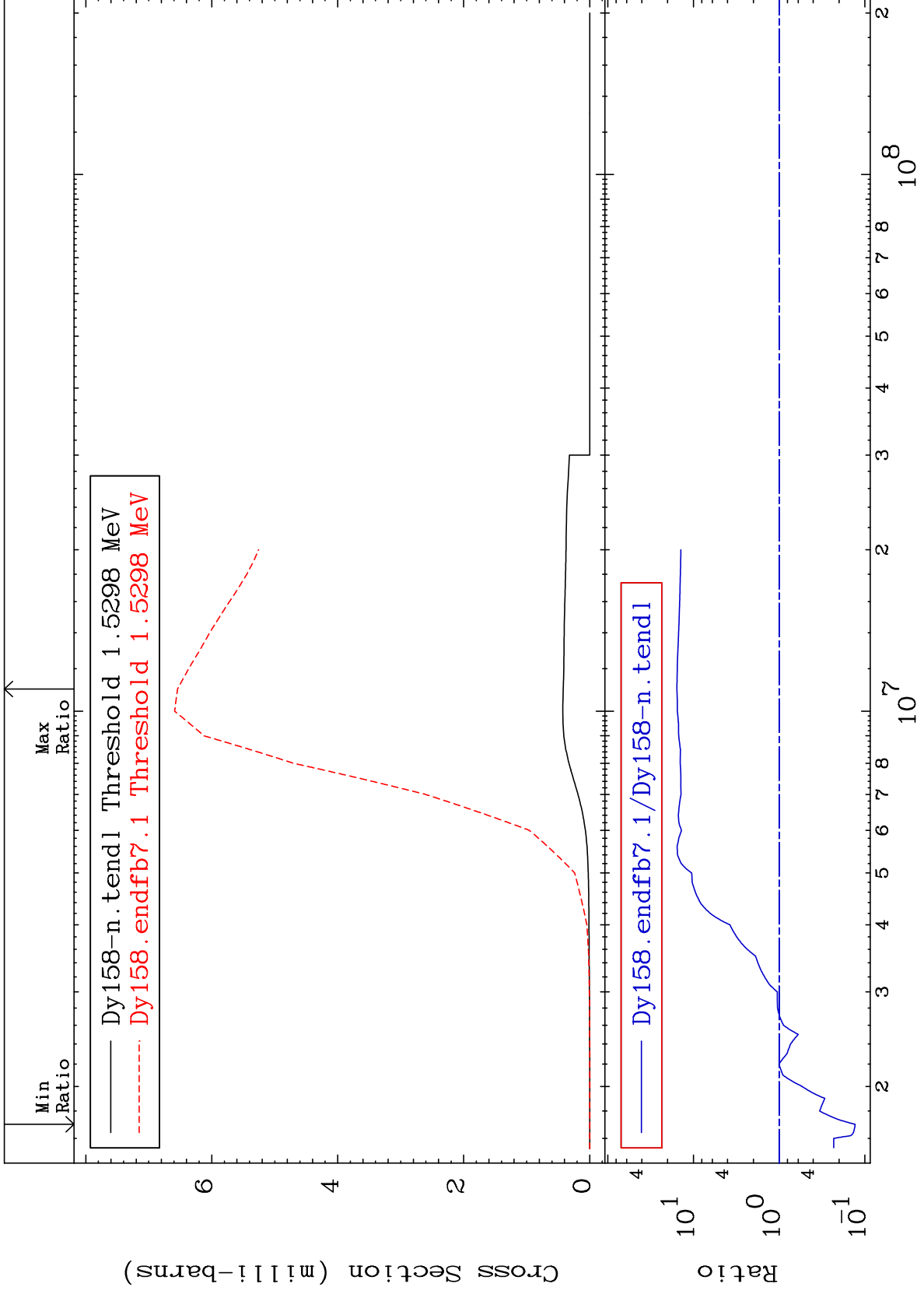
30

66-Dy-158

MAT 6631

1.520 MeV (n,n') Level  
Cross Section

66-Dy-158  
-87.00 To 1458. %



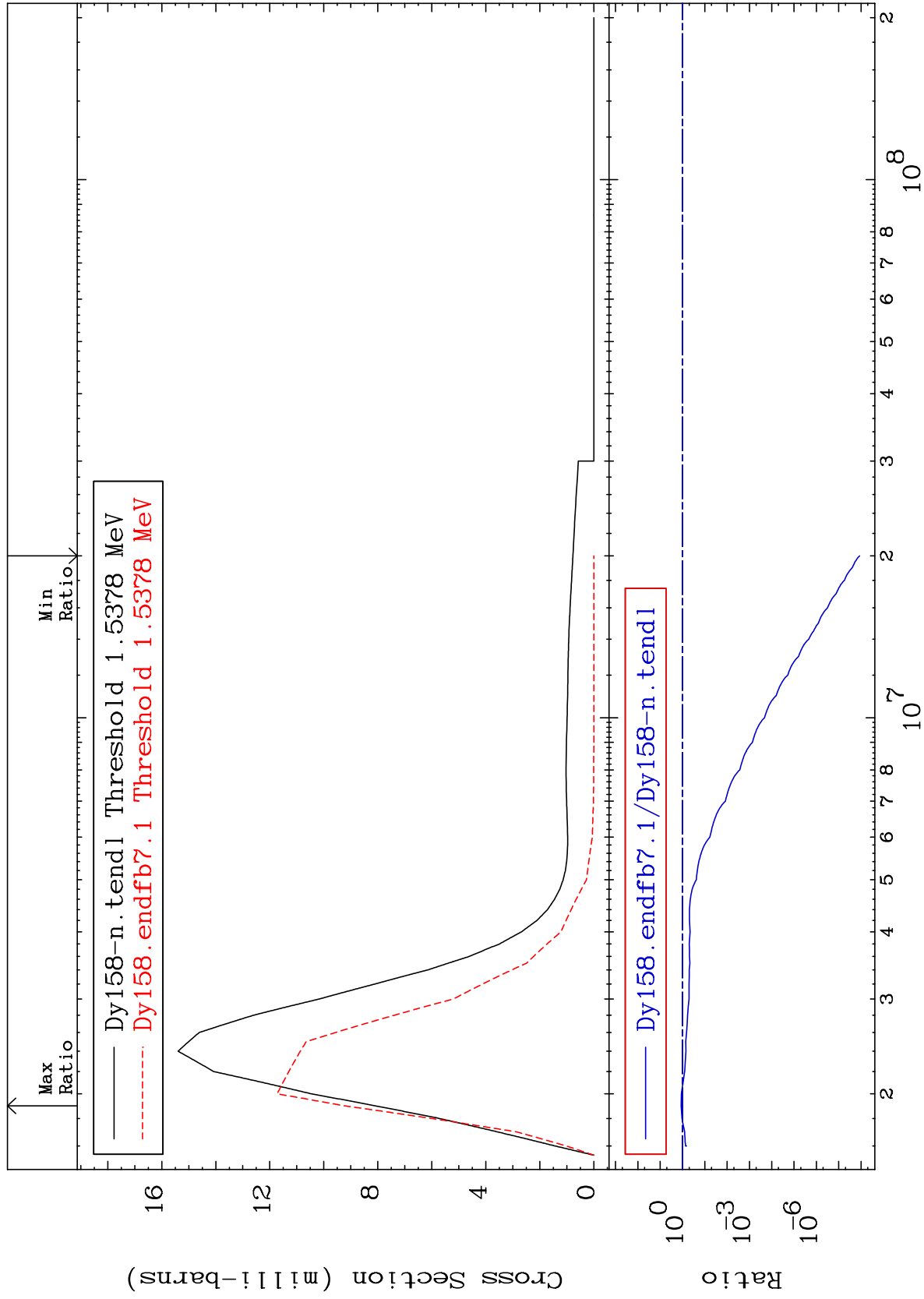
MAT 6631

1.528 MeV (n,n') Level

66-Dy-158

-100.0 To 14.26 %

Cross Section

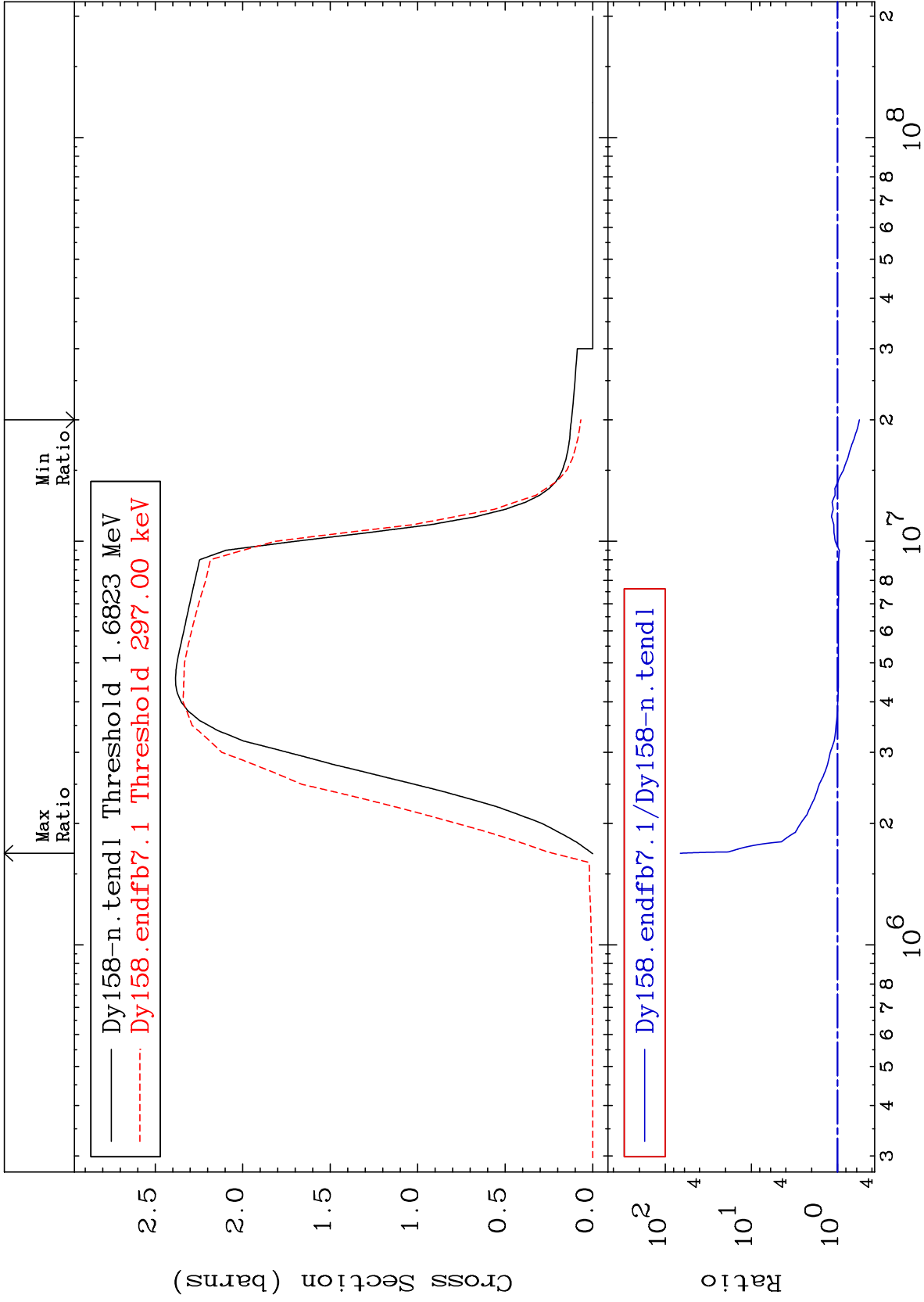


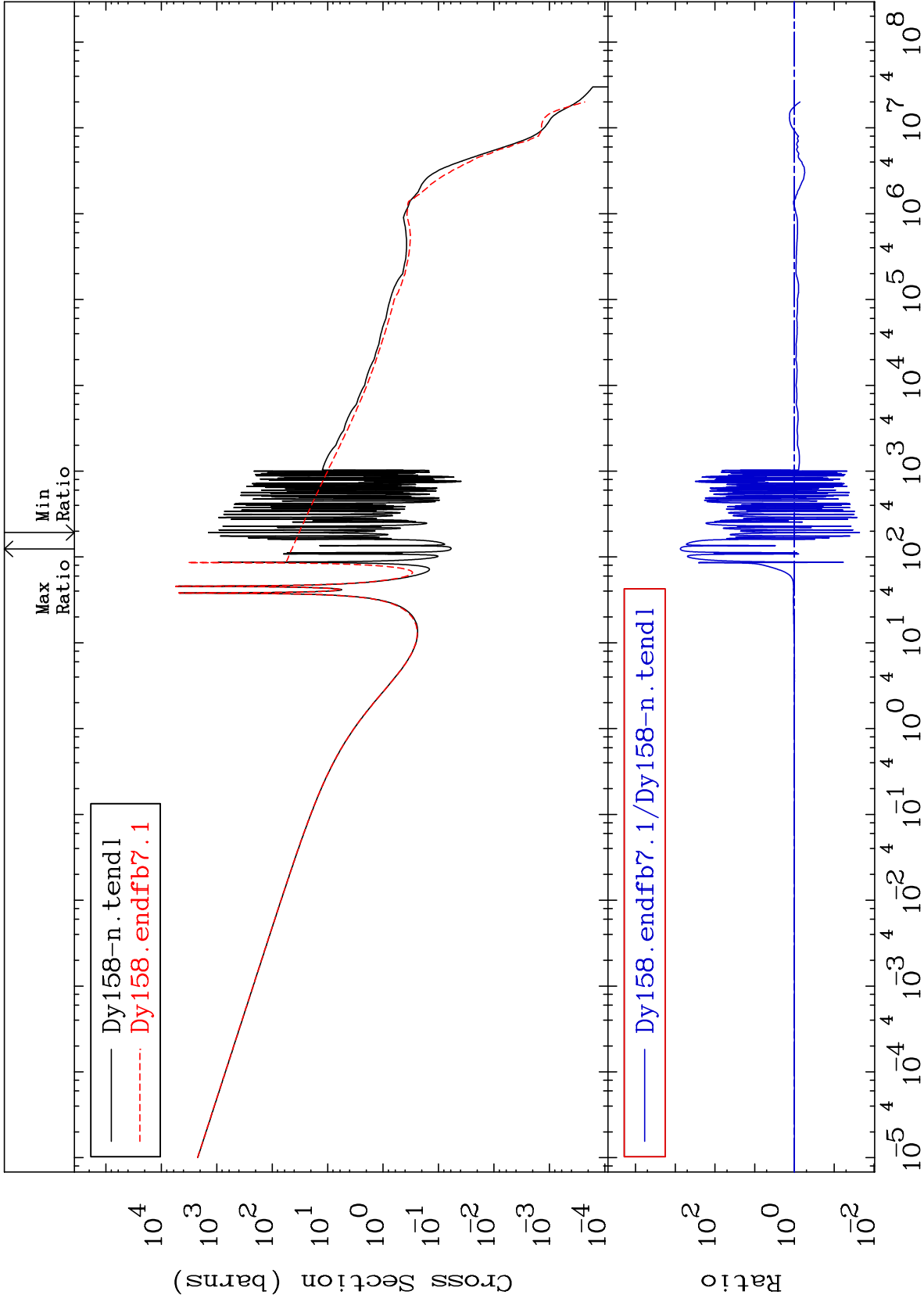
32

Incident Energy (eV)

66-Dy-158







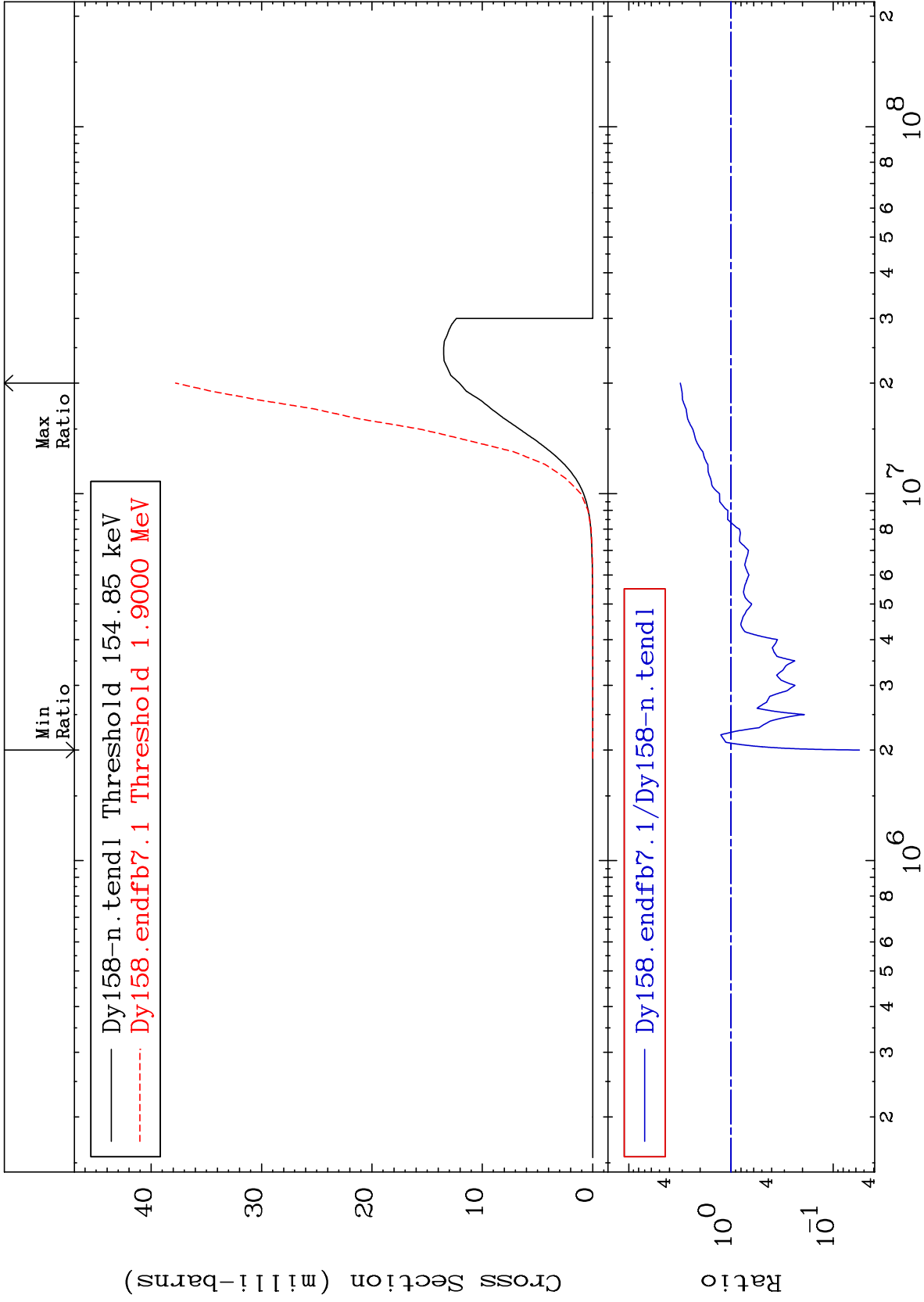
MAT 6631

(n,p)

66-Dy-158

Cross Section

-94.46 To 212.7 %



35

Incident Energy (eV)

66-Dy-158

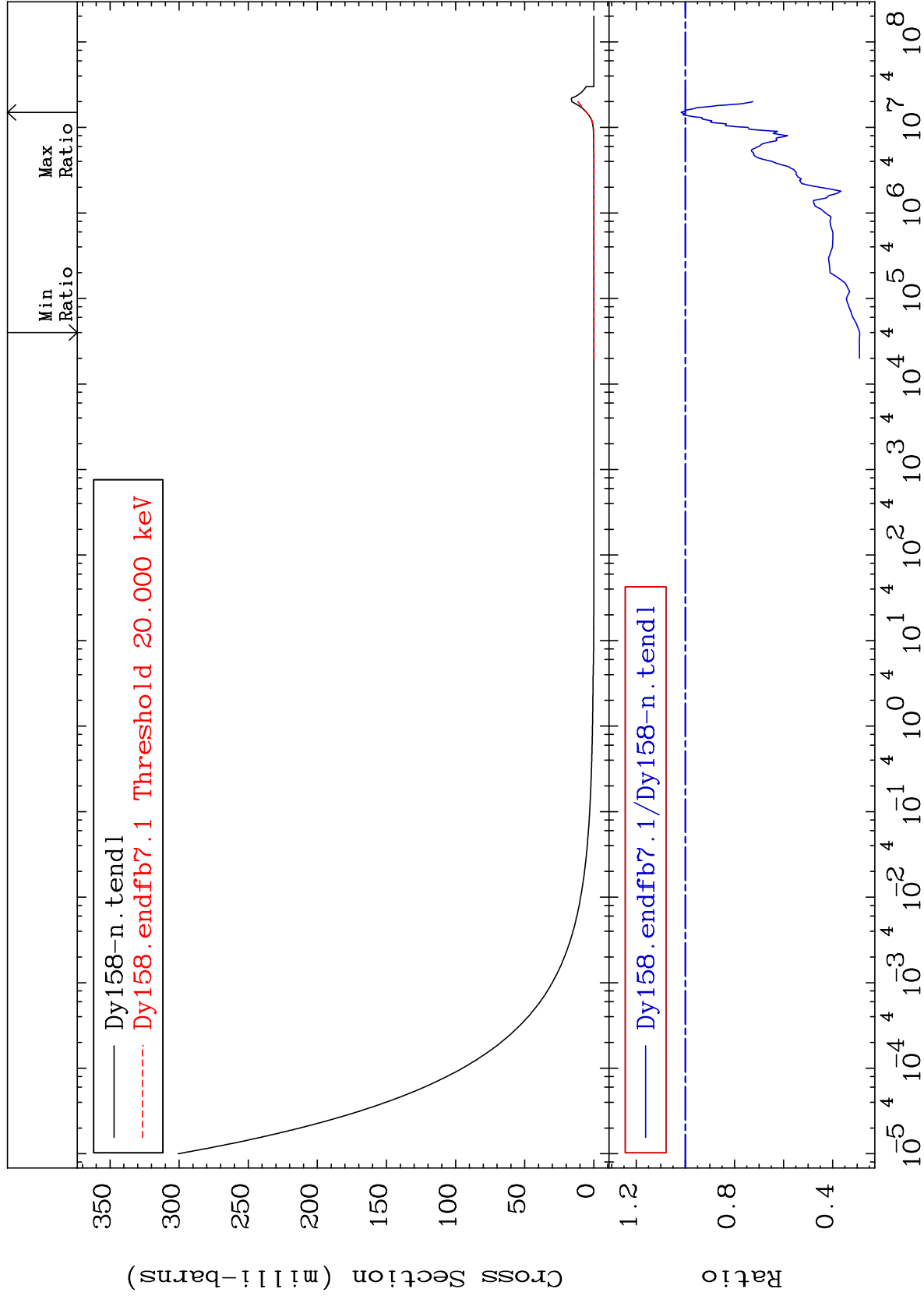
MAT 6631

(n,  $\alpha$ )

66-Dy-158

Cross Section

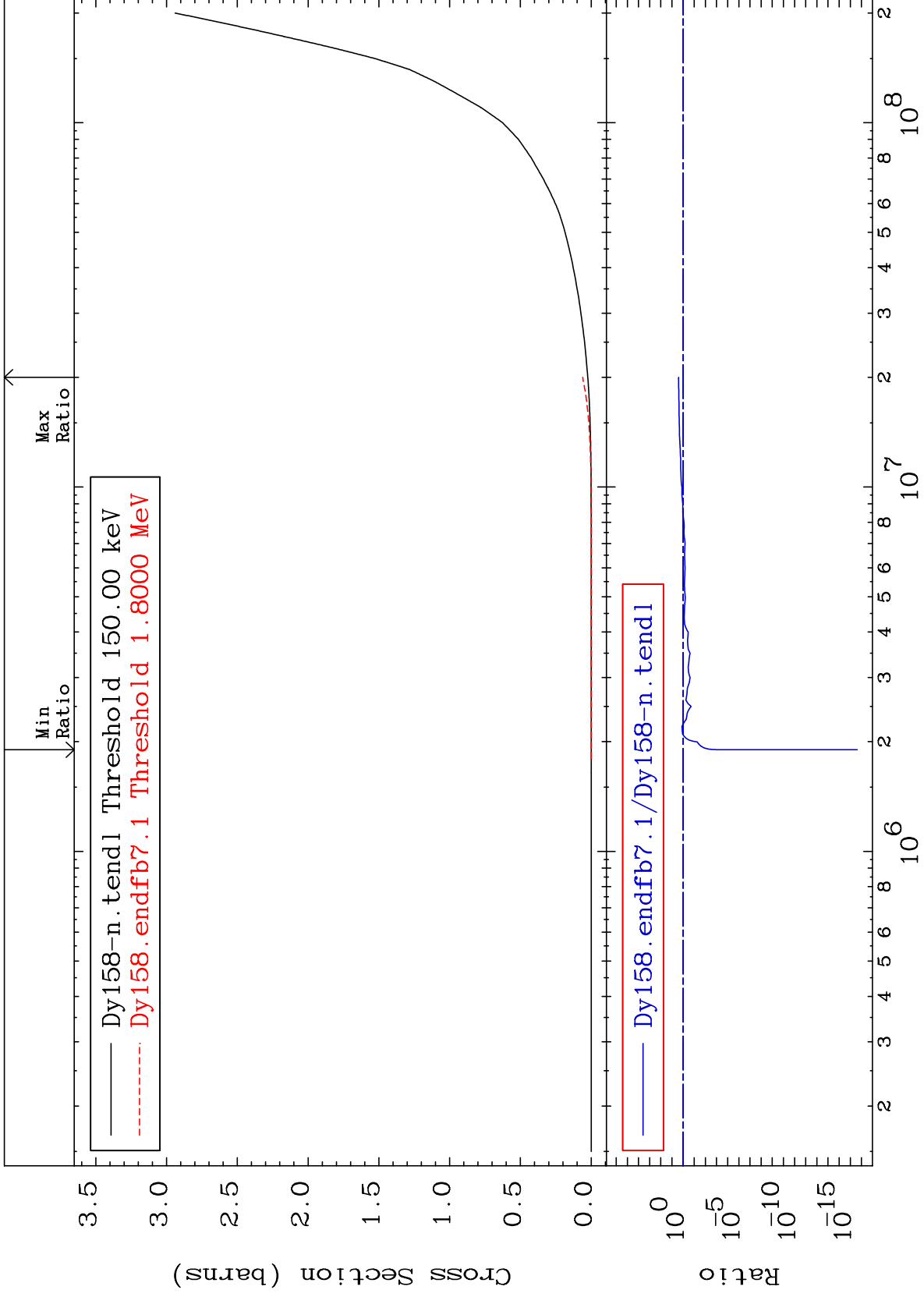
-70.99 To 1.698 %



36

Incident Energy (eV)

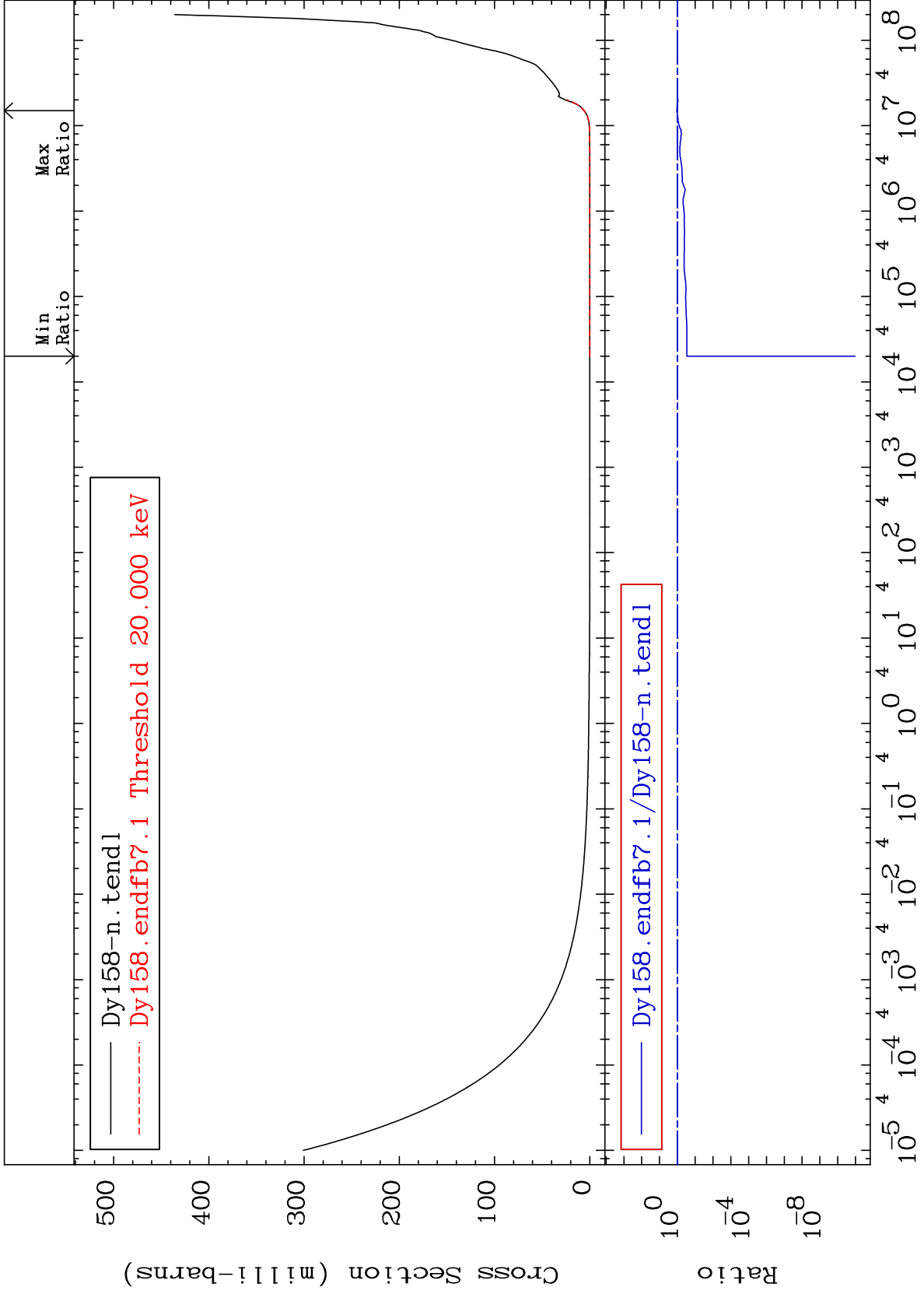
66-Dy-158

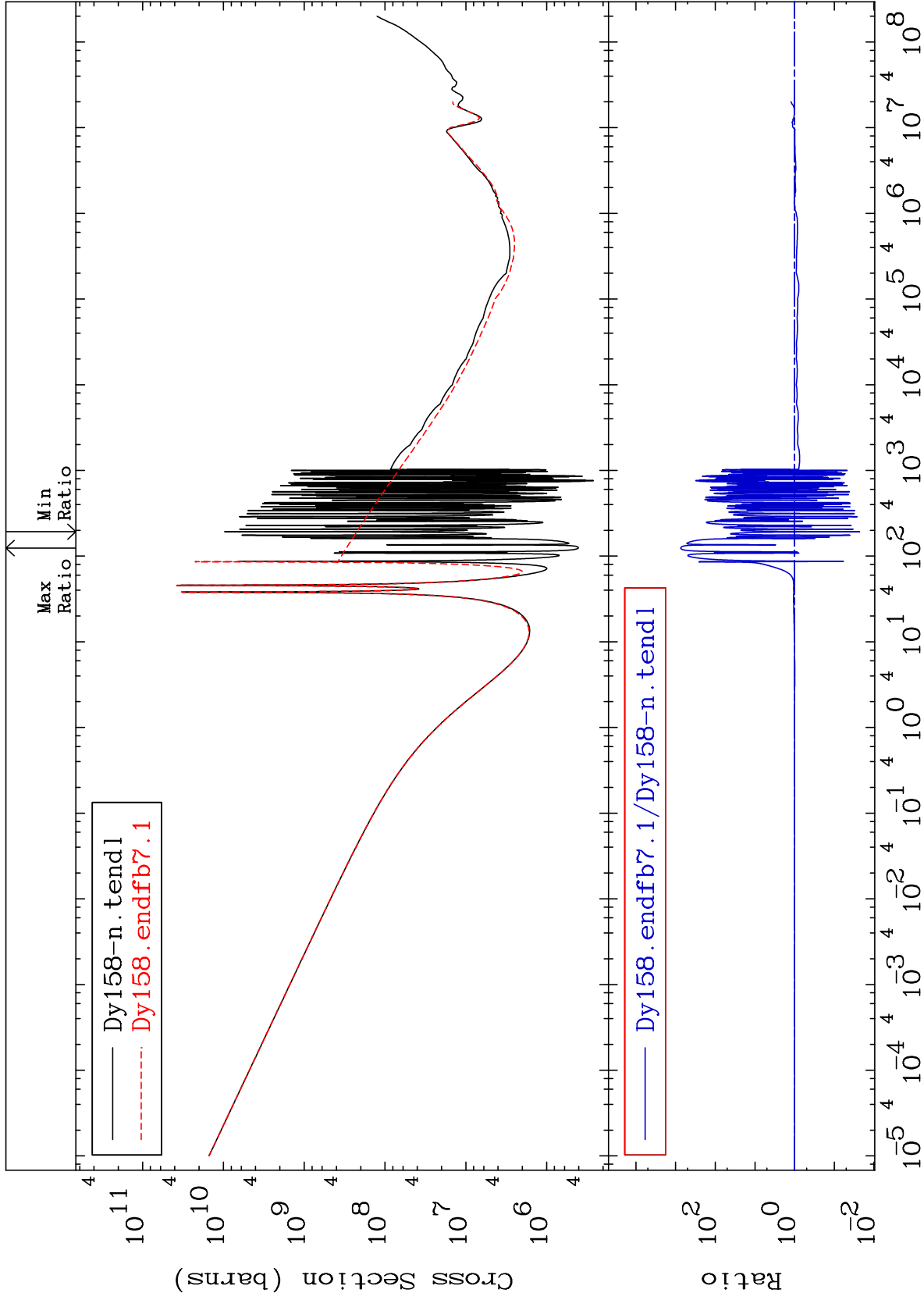


MAT 6631

He-4 Production  
Cross Section

66-Dy-158  
-100.0 To 5.654 %

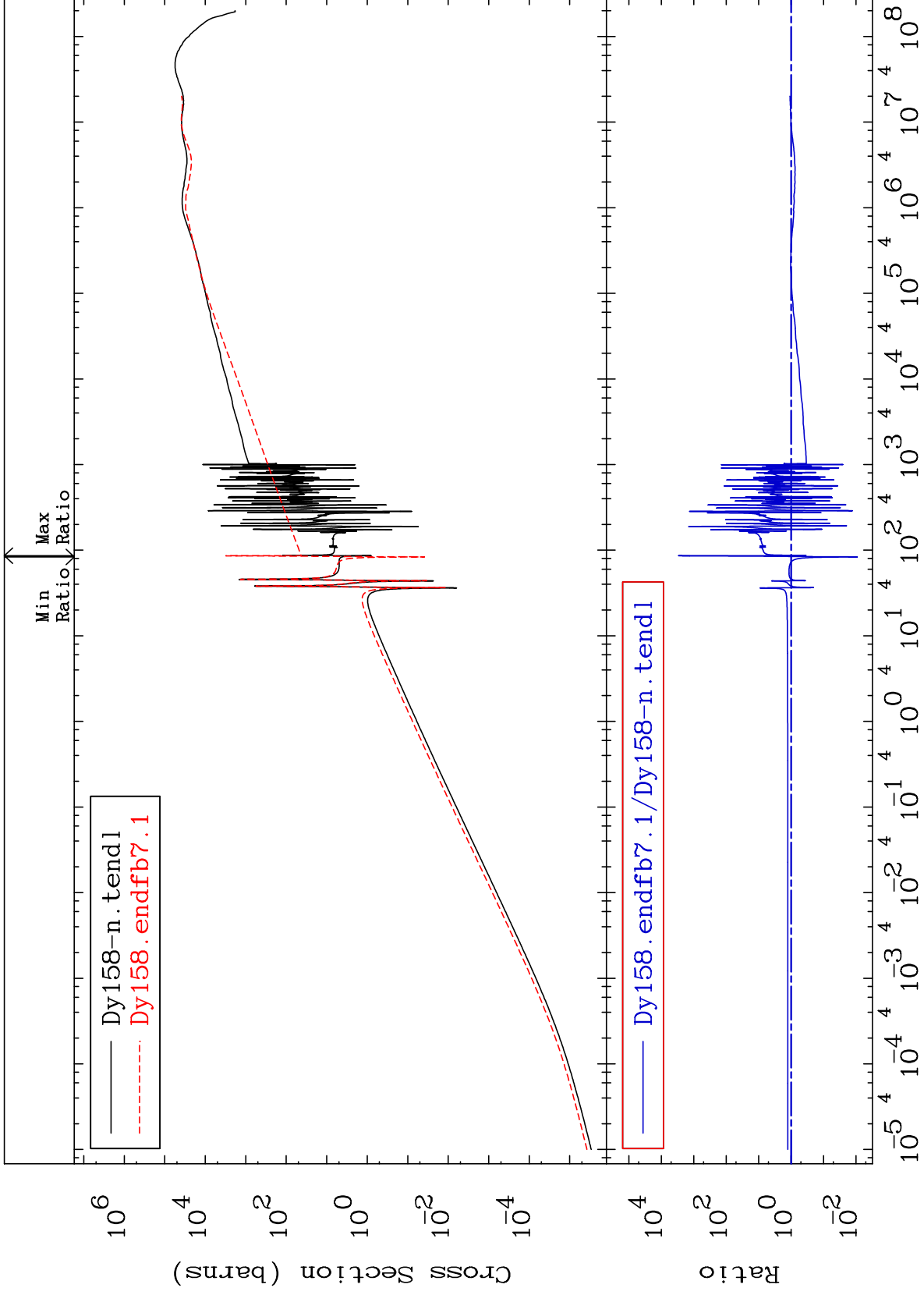




MAT 6631

Kerma elastic  
Cross Section

66-Dy-158  
-99.08 To 9999. %

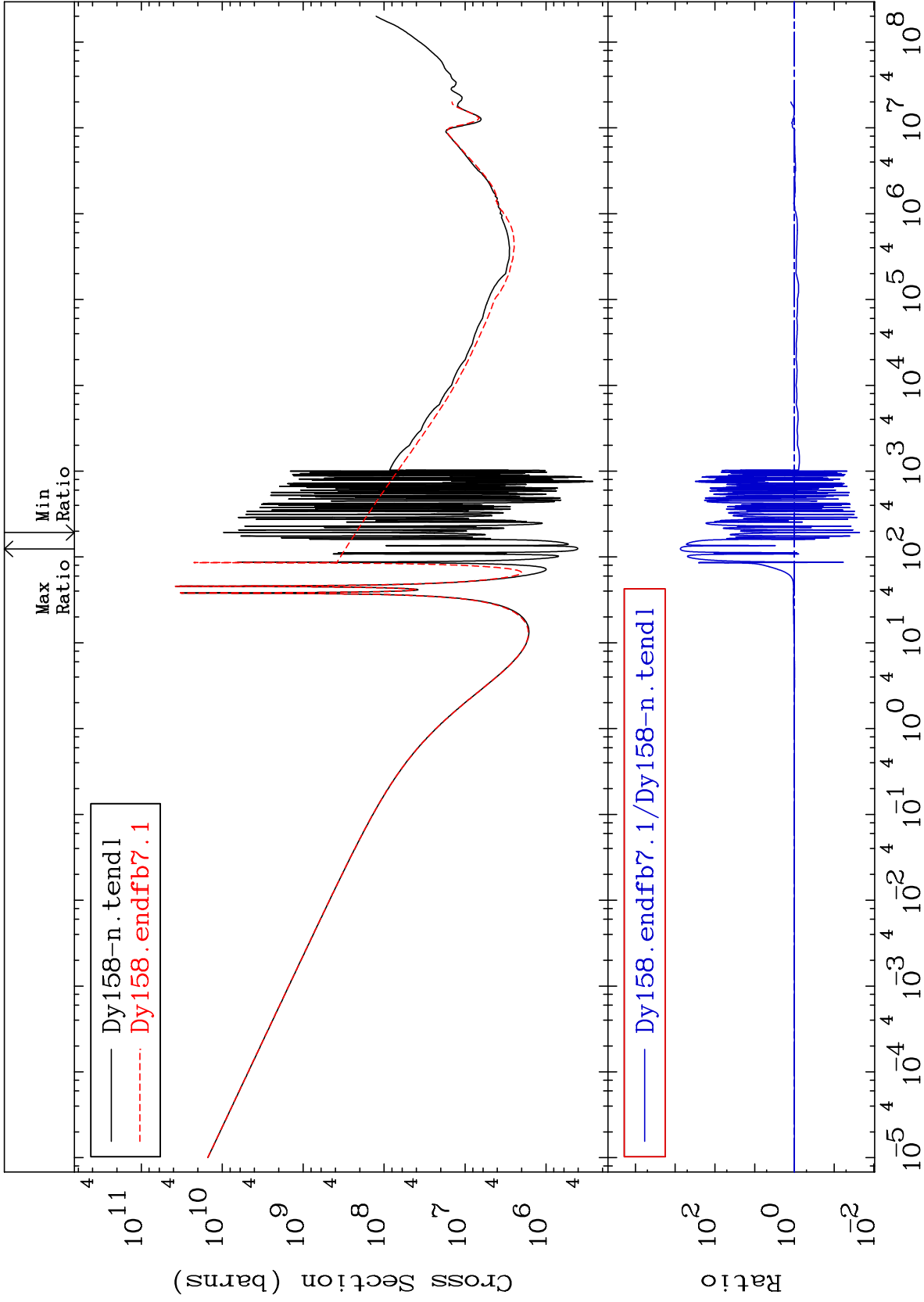


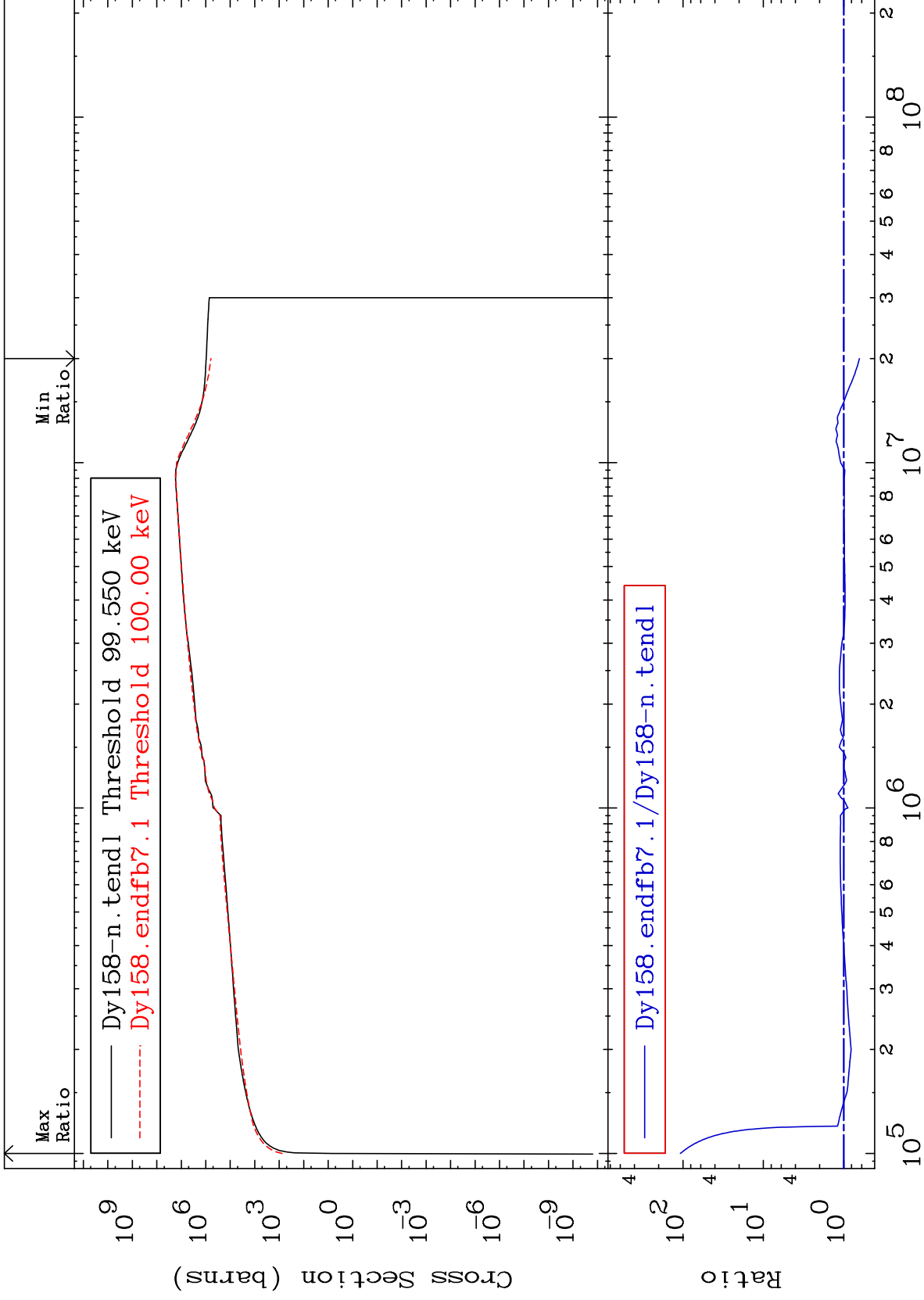
40

Incident Energy (eV)

66-Dy-158



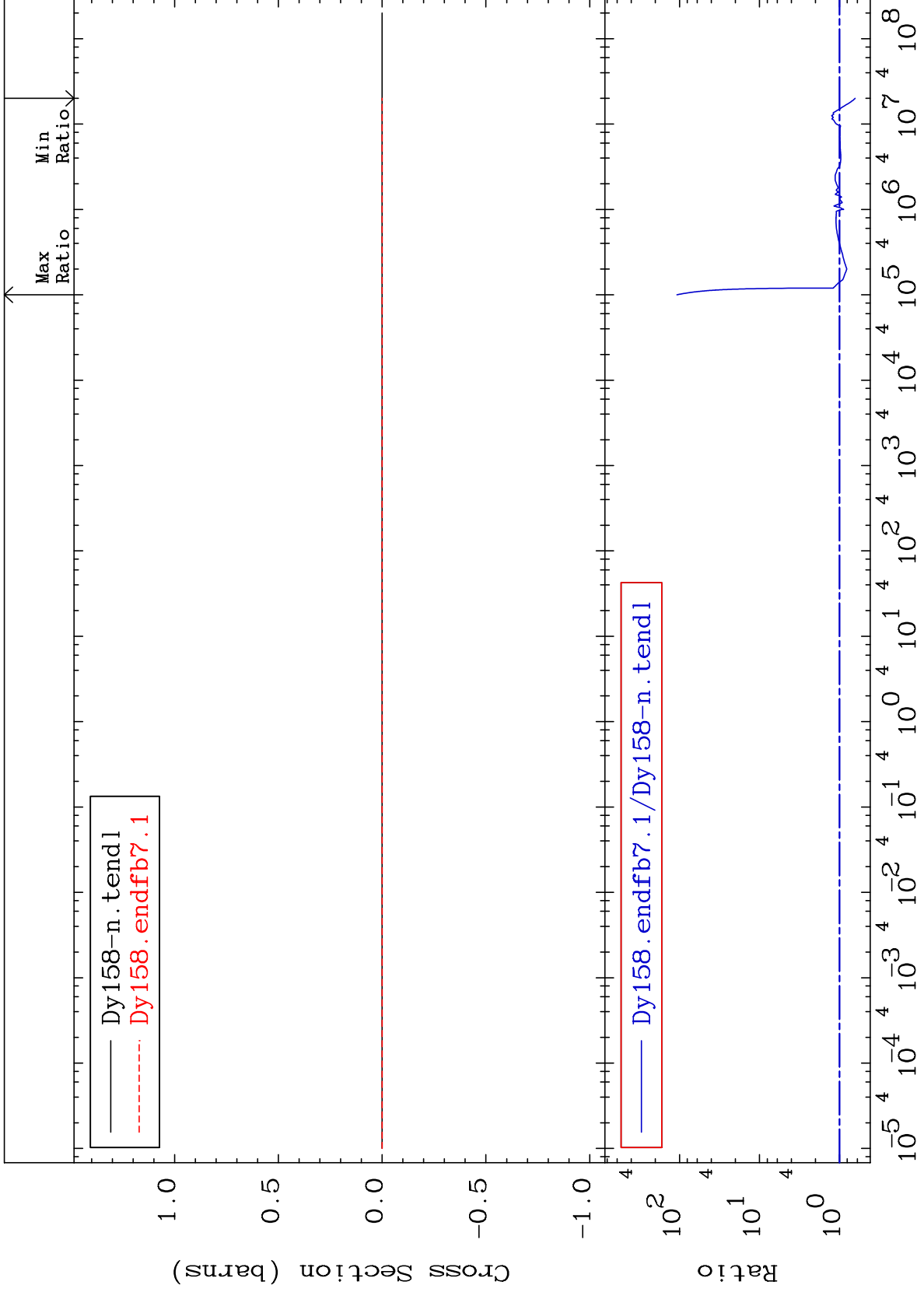


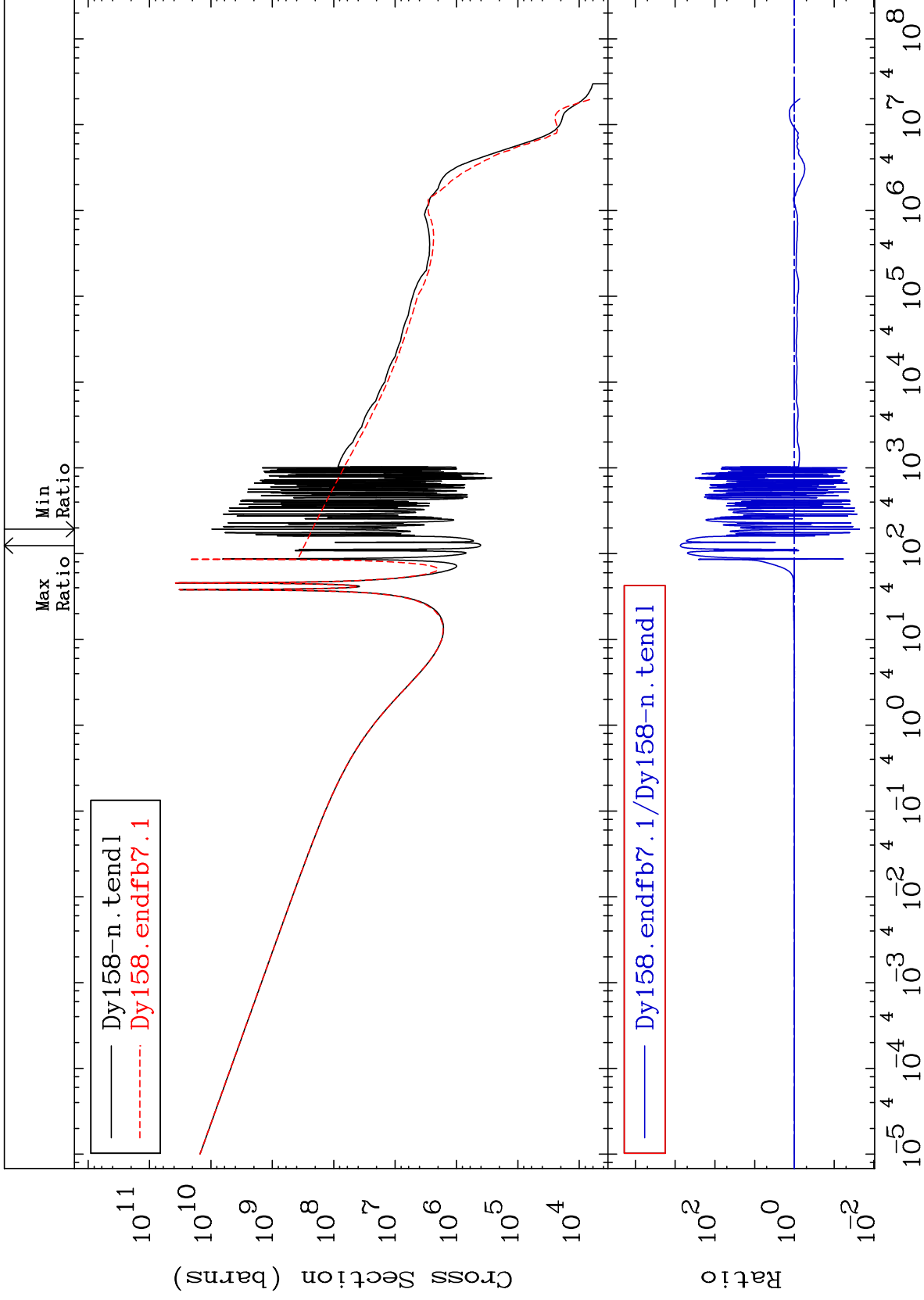


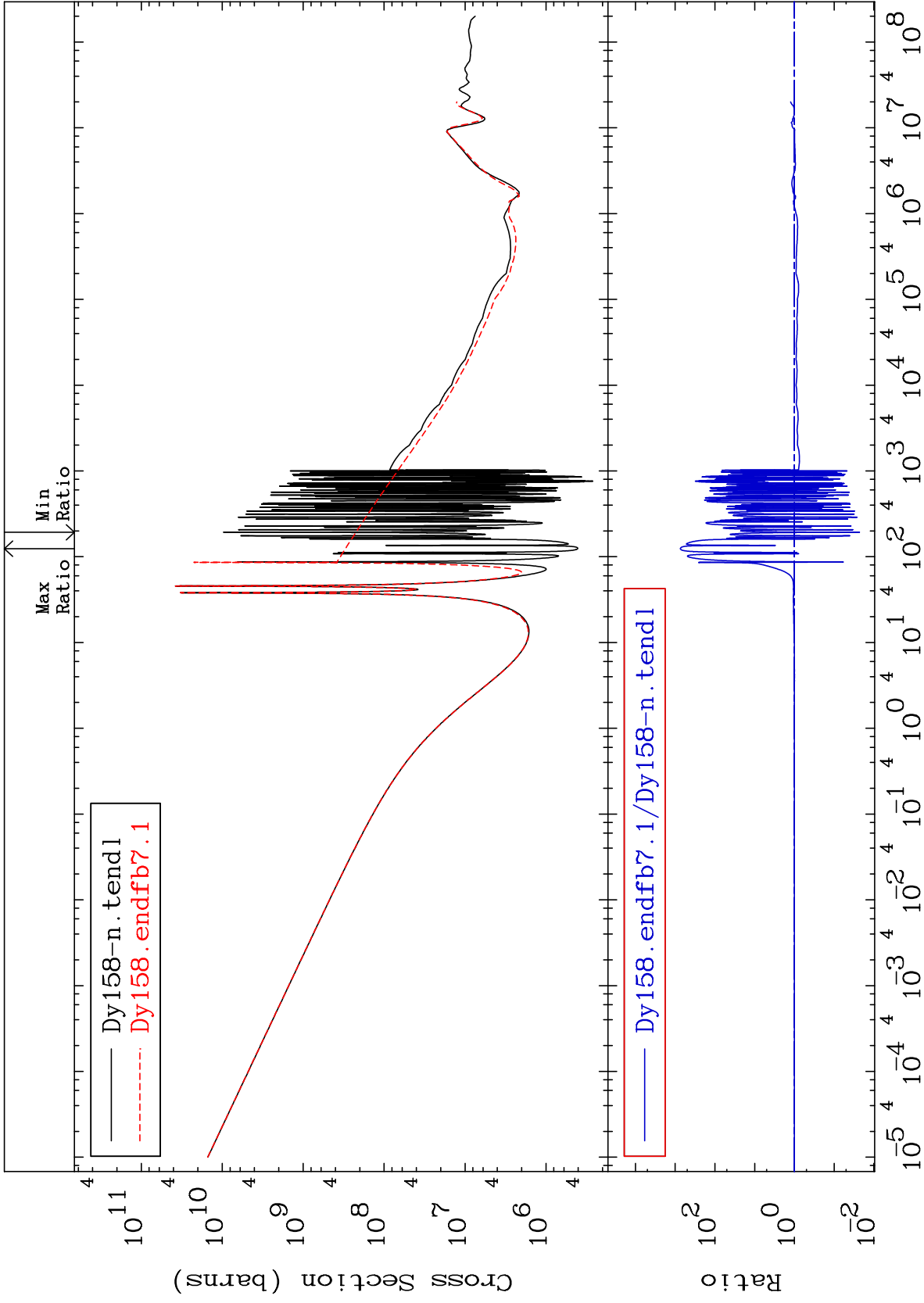
MAT 6631

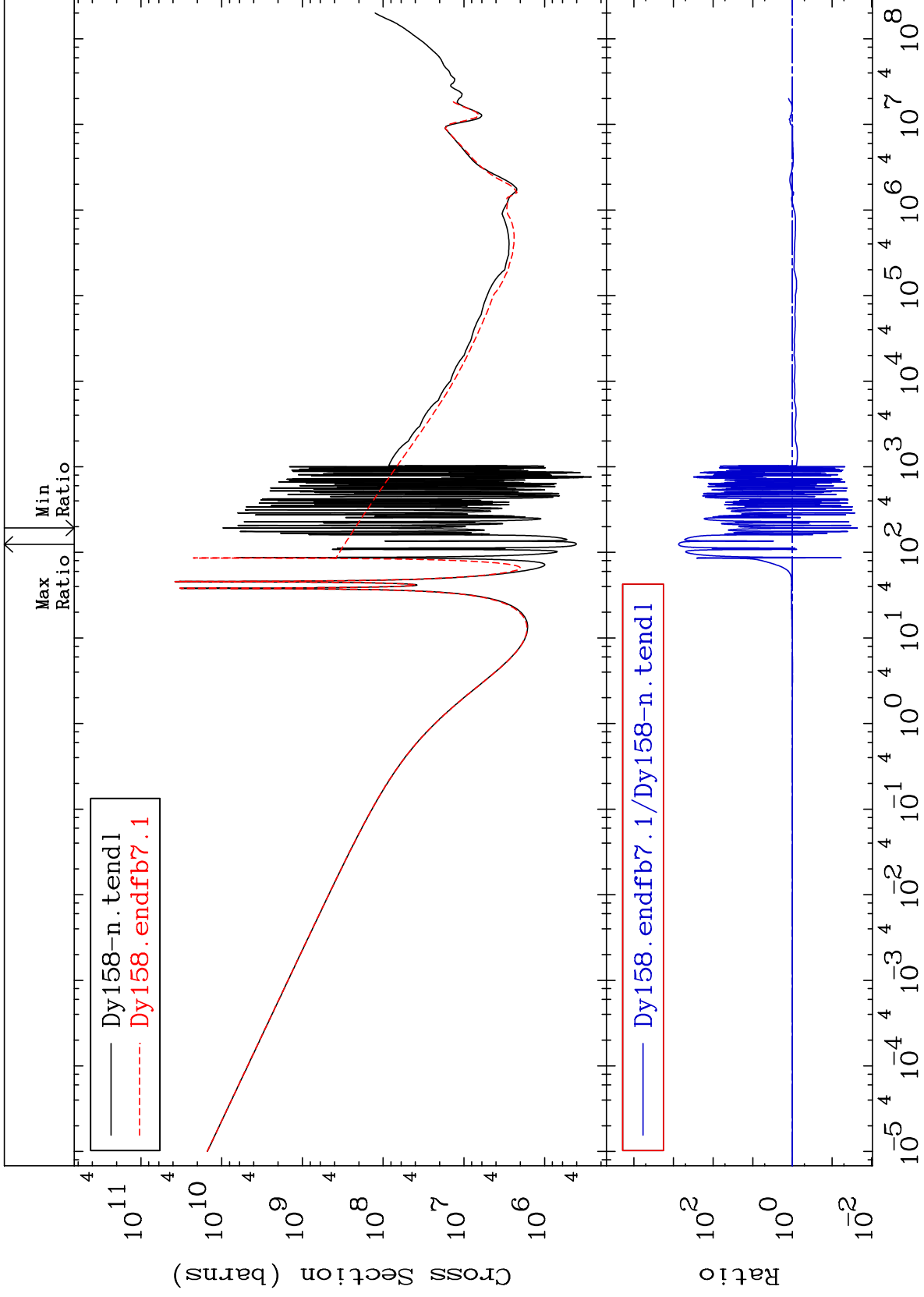
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

66-Dy-158  
-36.10 To 9999. %









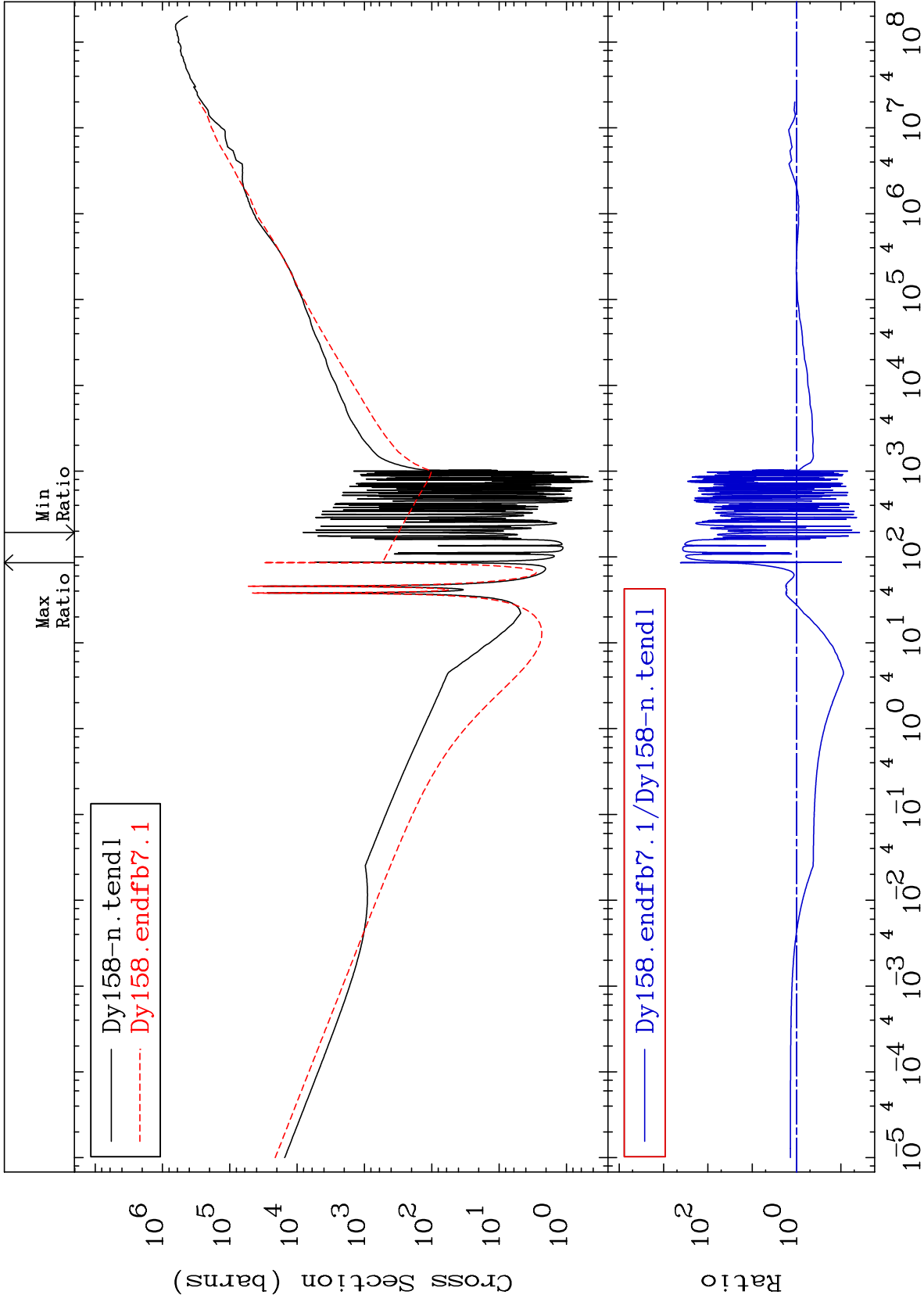
MAT 6631

Dpa total (eV-barns)

66-Dy-158

-96.17 To 9999. %

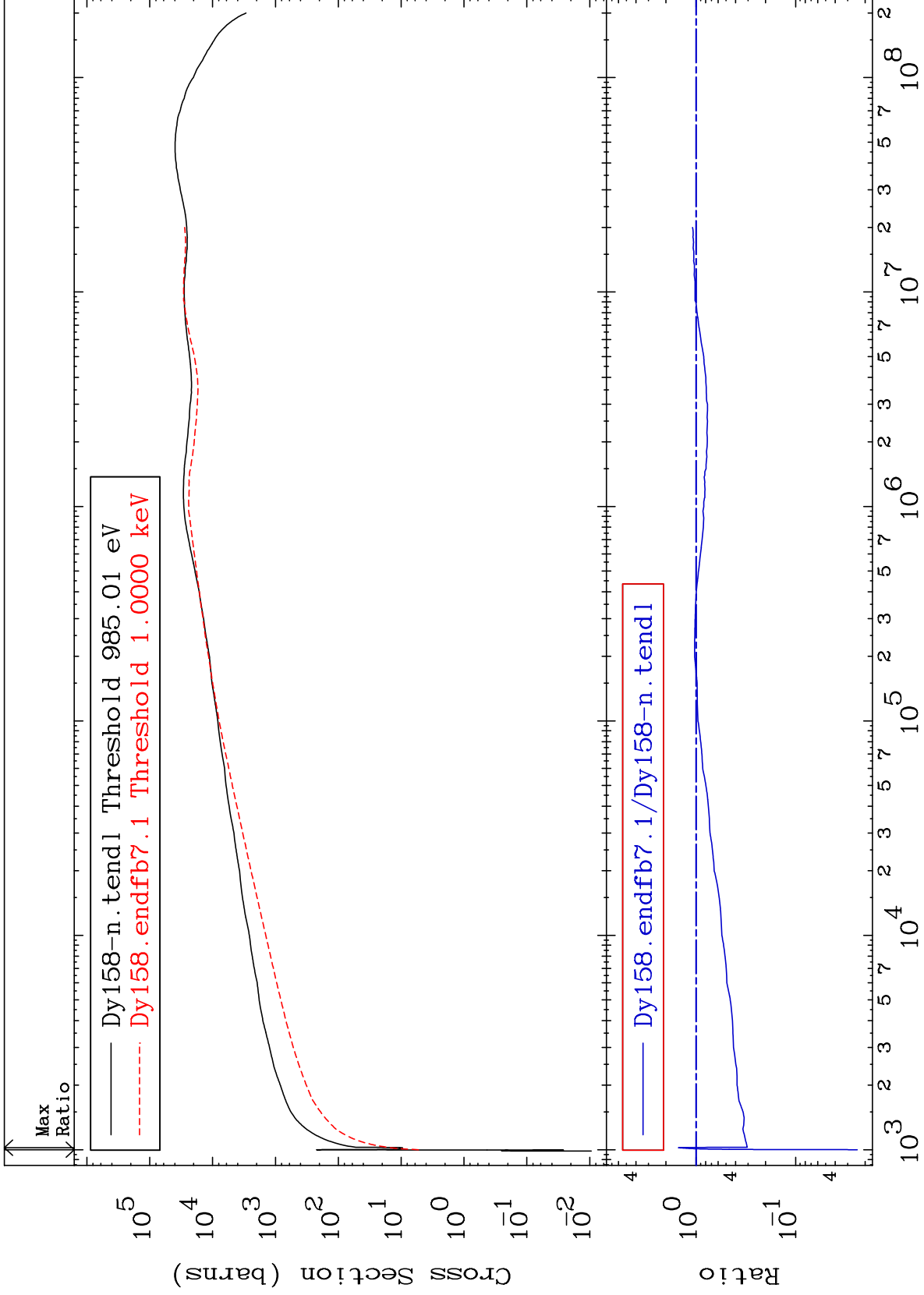
Cross Section



MAT 6631

Dpa elastic (mt2)  
Cross Section

66-Dy-158  
-97.60 To 49.36 %



48

Incident Energy (eV)

66-Dy-158



