

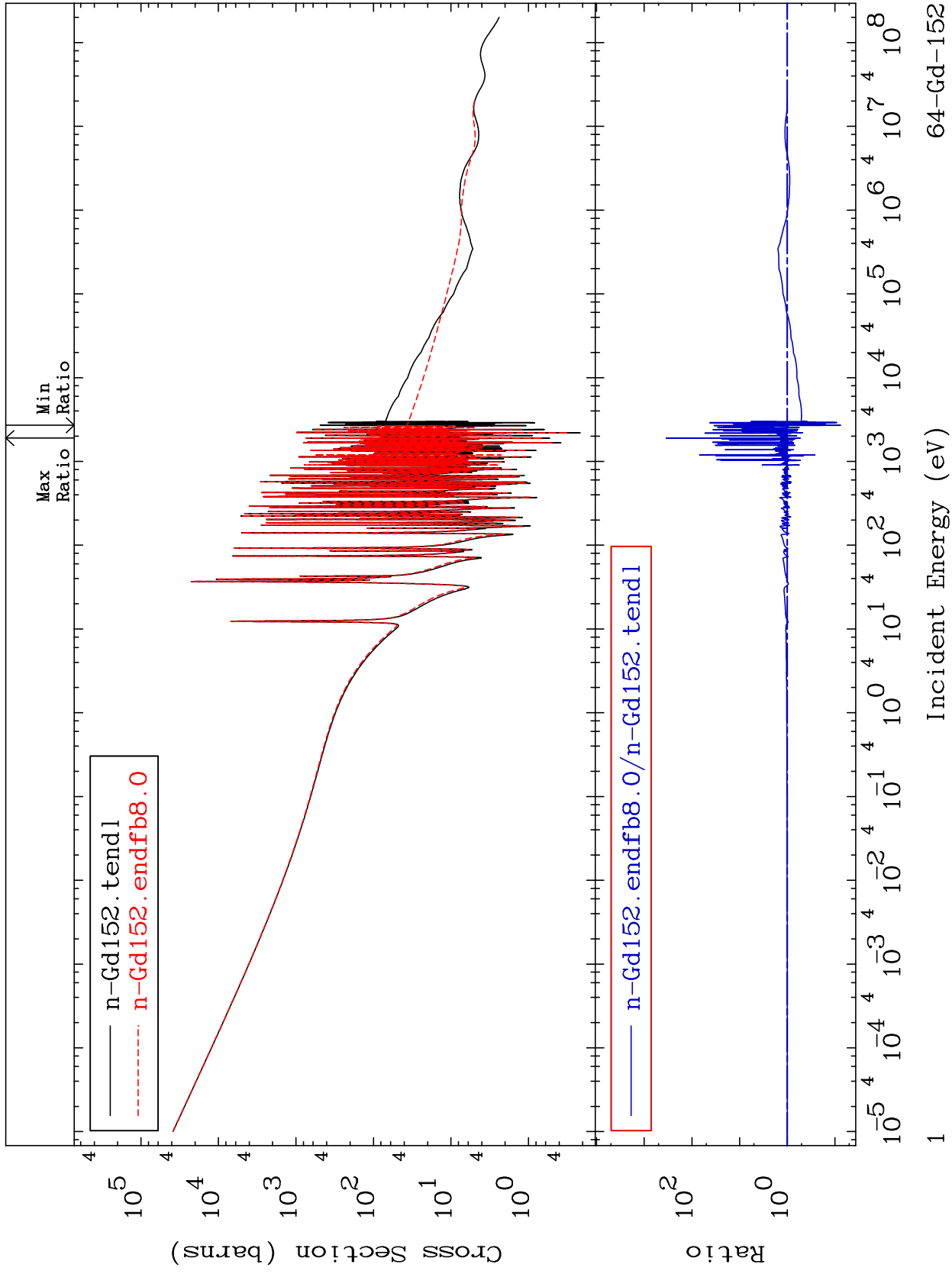
MAT 6425

Total

64-Gd-152

Cross Section

-92.48 To 9999. %



Incident Energy (eV)

64-Gd-152

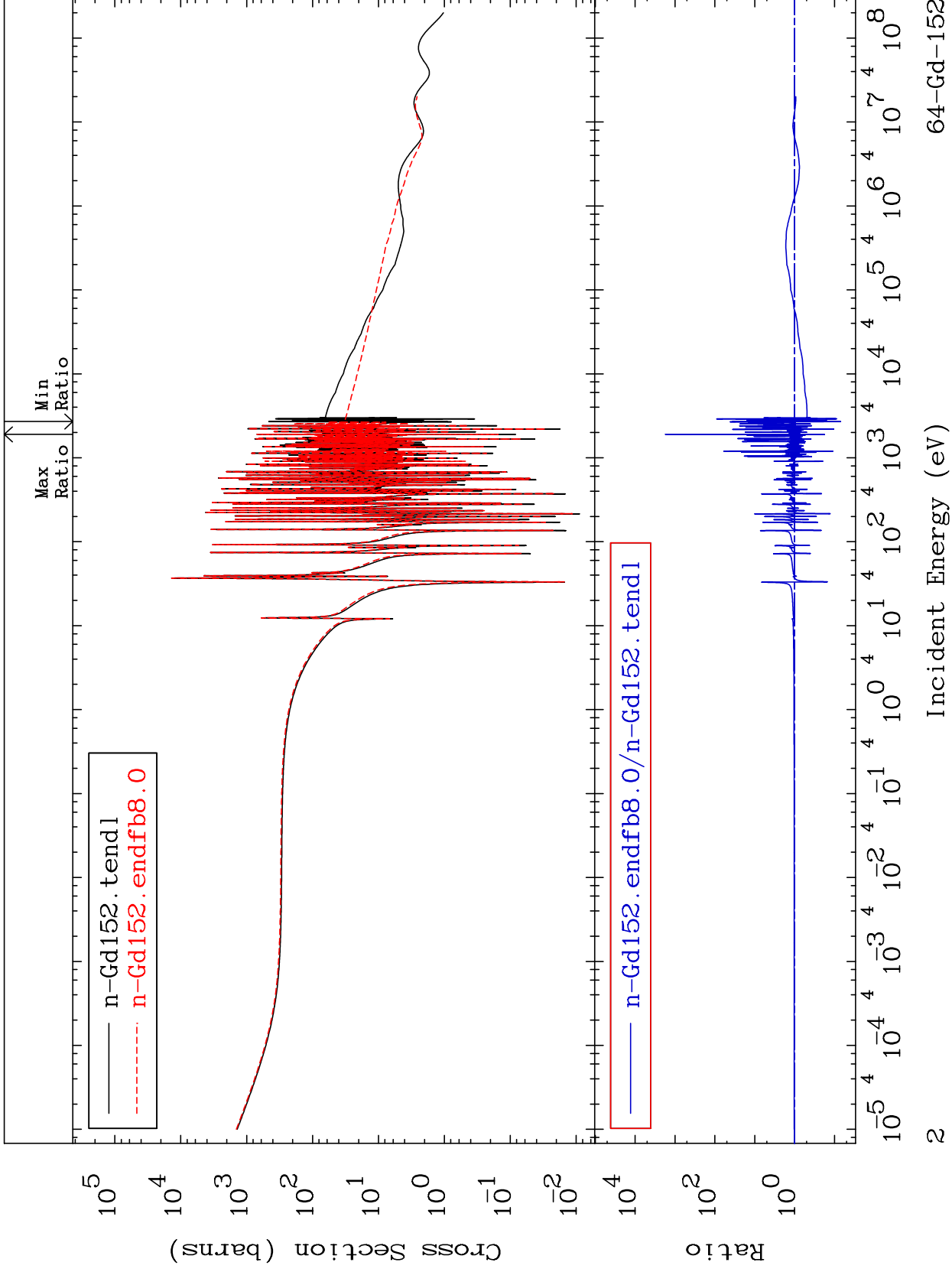
MAT 6425

Elastic

Cross Section

64-Gd-152

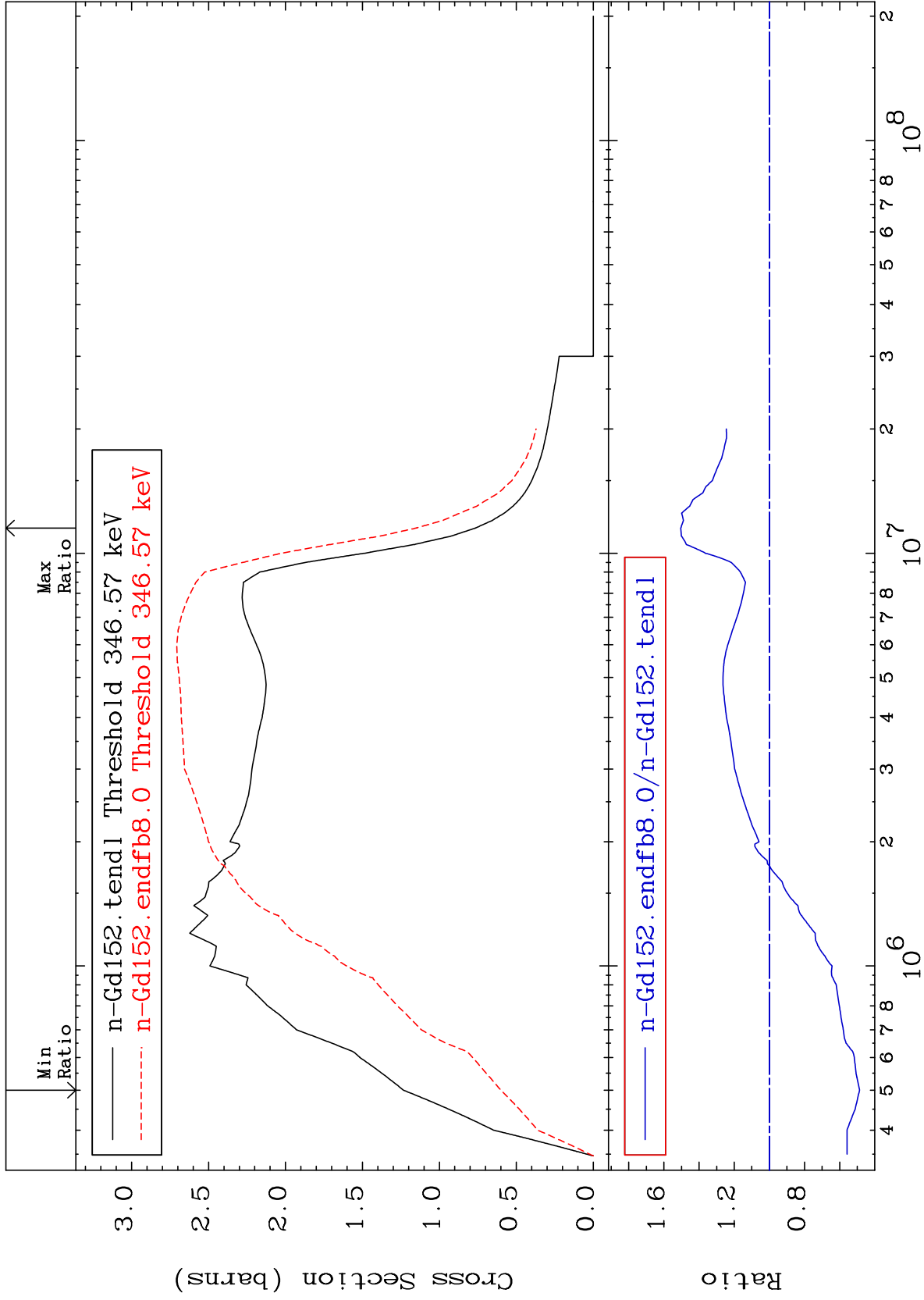
-93.00 To 9999. %



2

Incident Energy (eV)

64-Gd-152



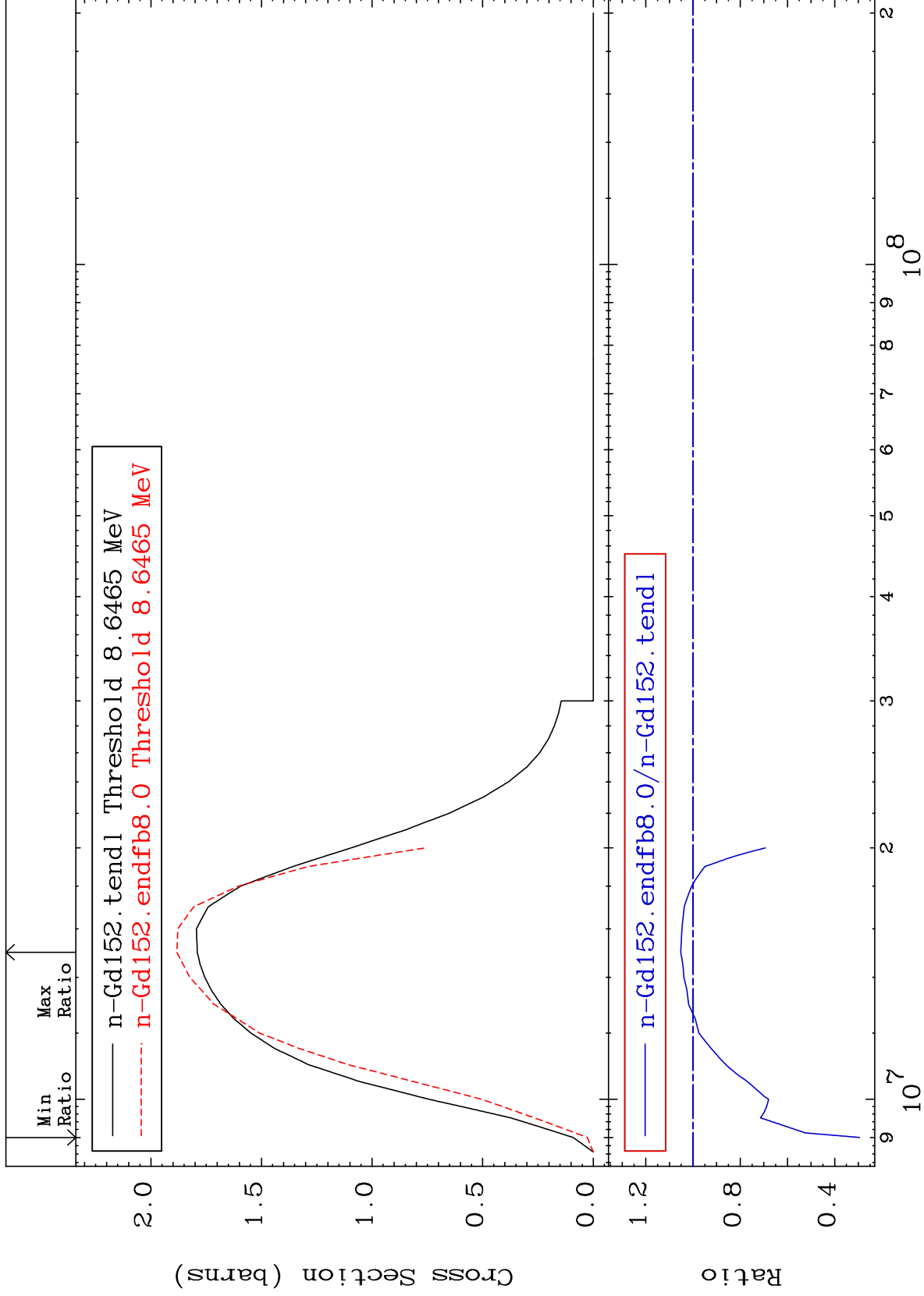
MAT 6425

(n,2n)

64-Gd-152

Cross Section

-70.54 To 5.187 %



4

Incident Energy (eV)

64-Gd-152

MAT 6425

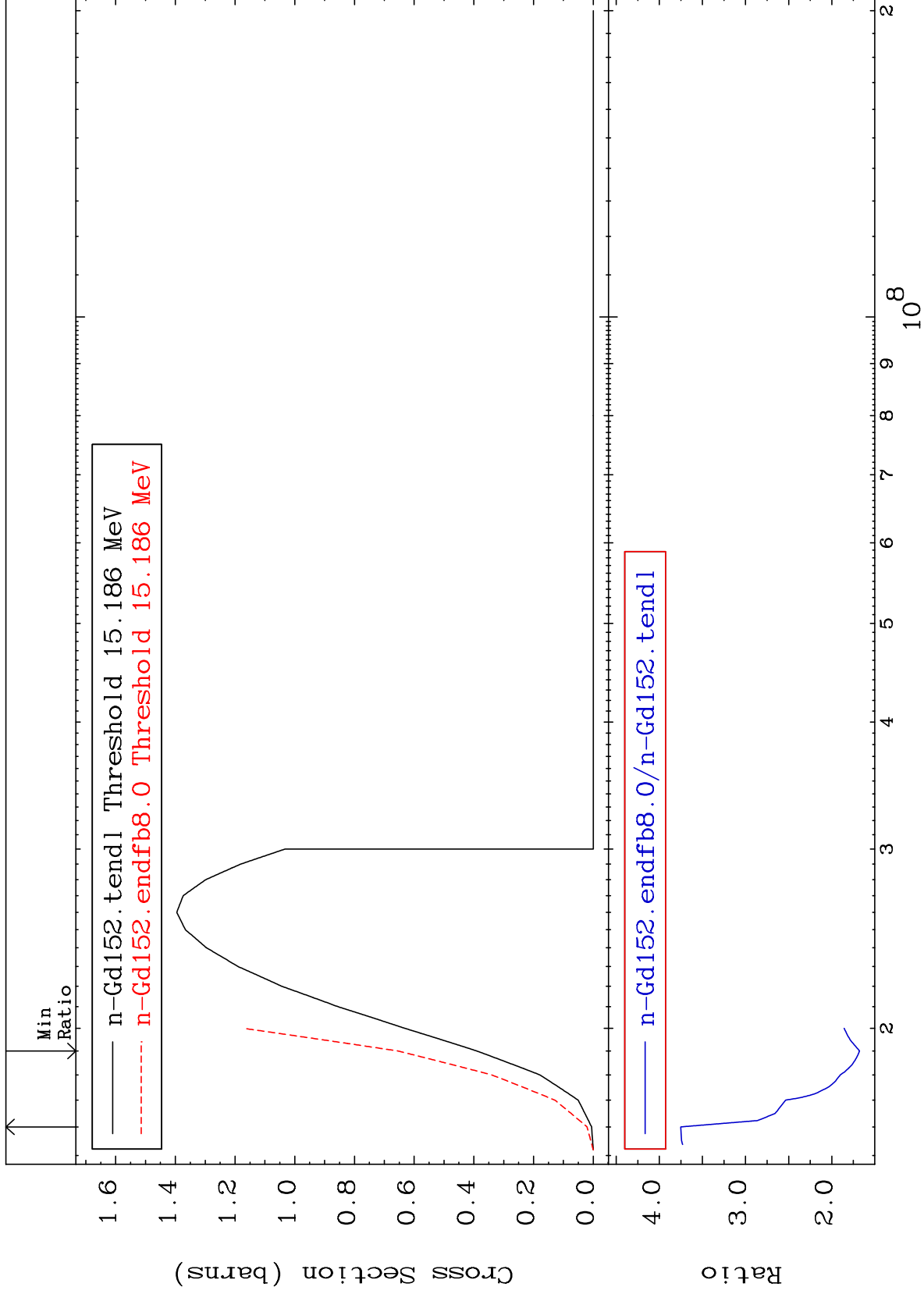
(n,3n)

64-Gd-152

Cross Section

67.77

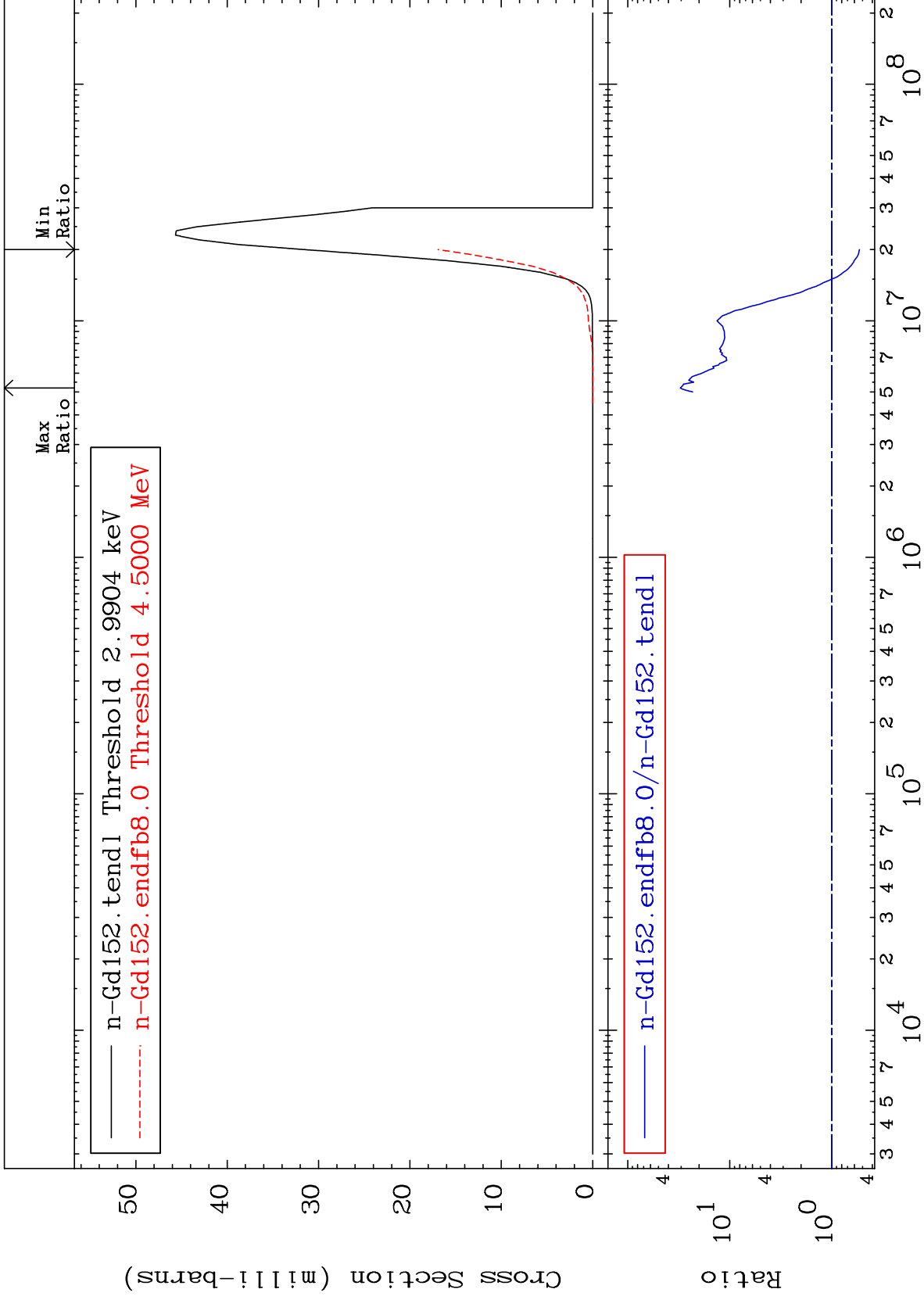
To 275.2 %



MAT 6425

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

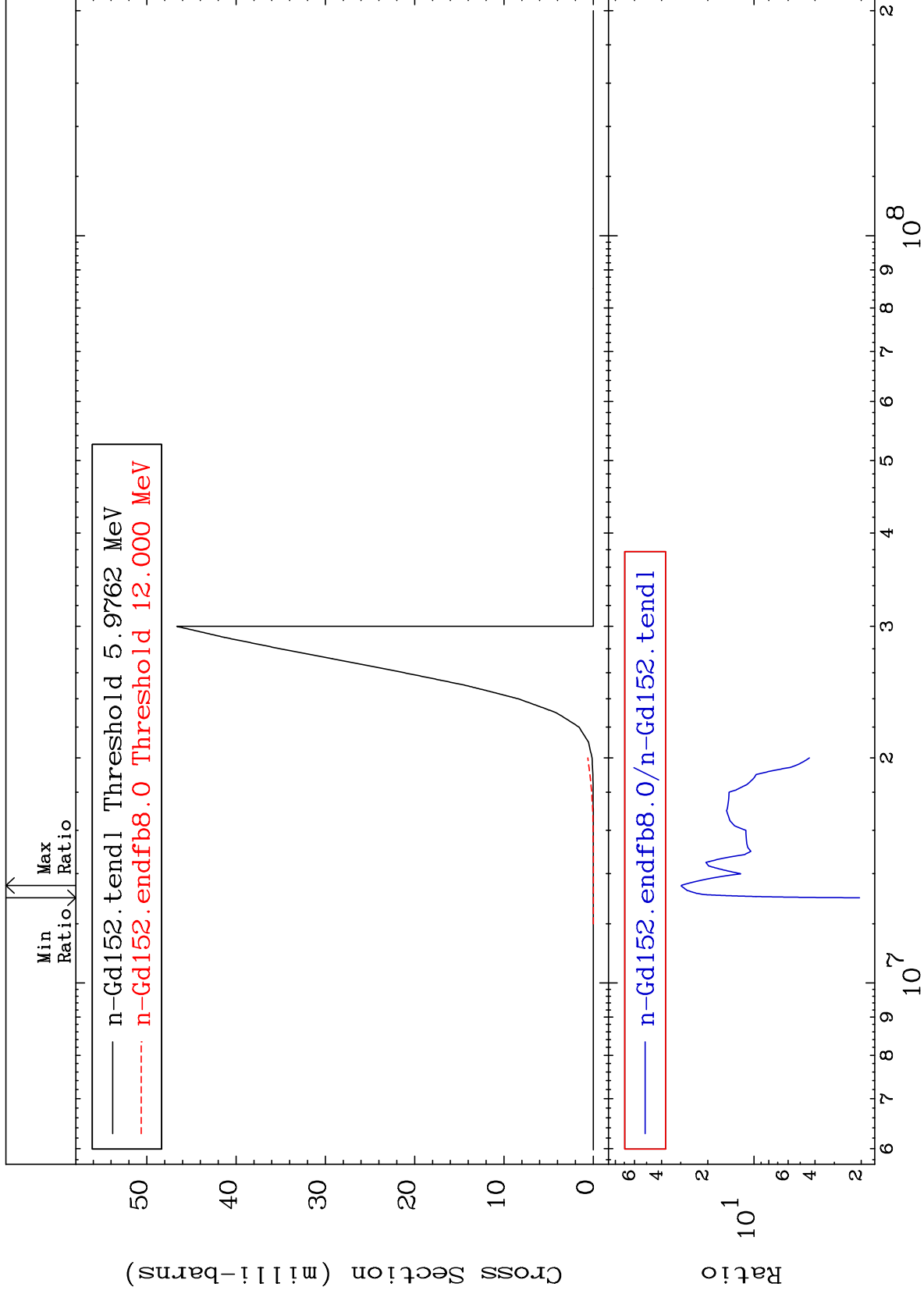
64-Gd-152  
-46.46 To 2951. %



MAT 6425

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

64-Gd-152  
105.3 To 2899. %



7

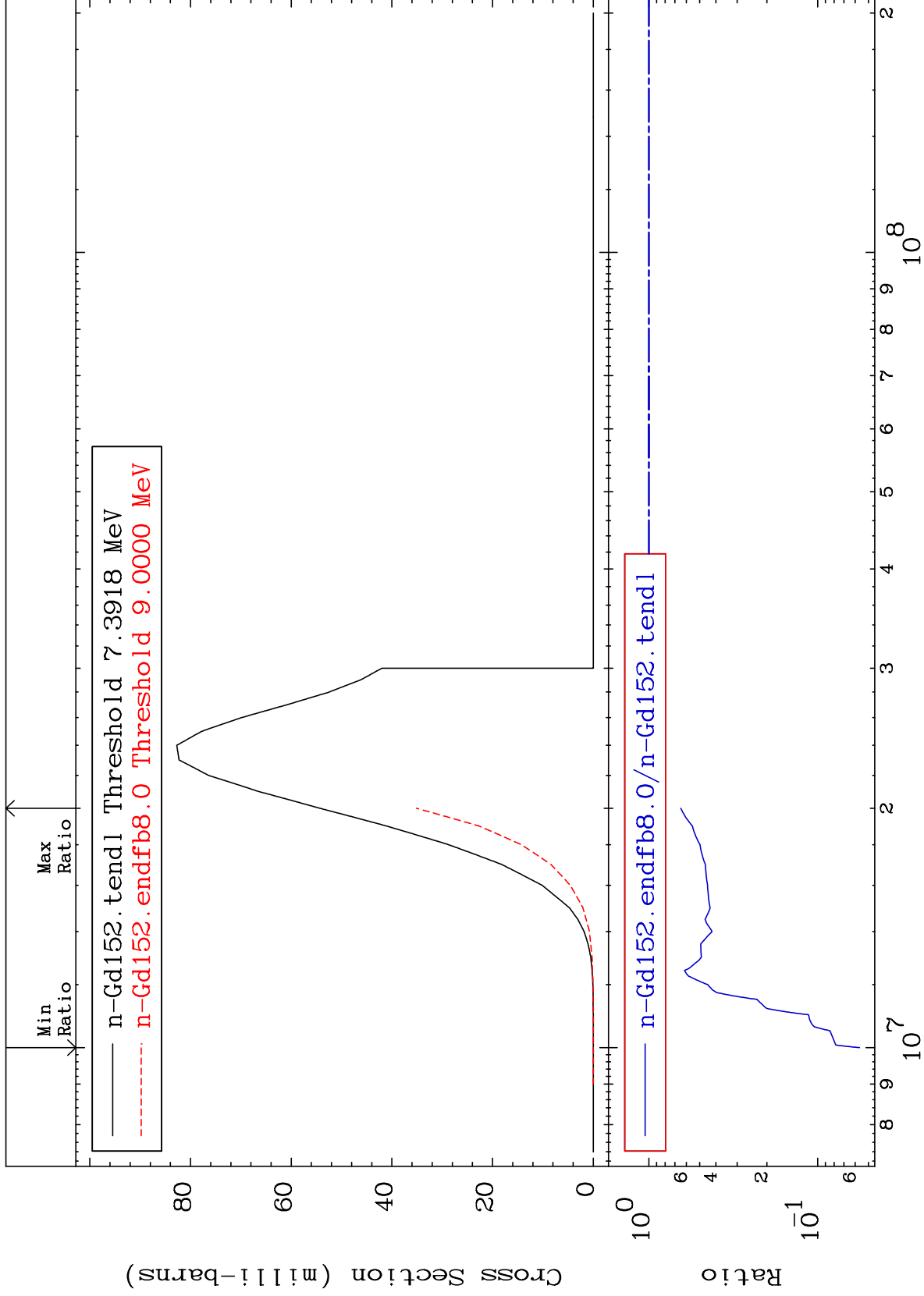
64-Gd-152

64-Gd-152

MAT 6425

(n,n') p  
Cross Section

64-Gd-152  
-94.35 To -35.33%



8

Incident Energy (eV)

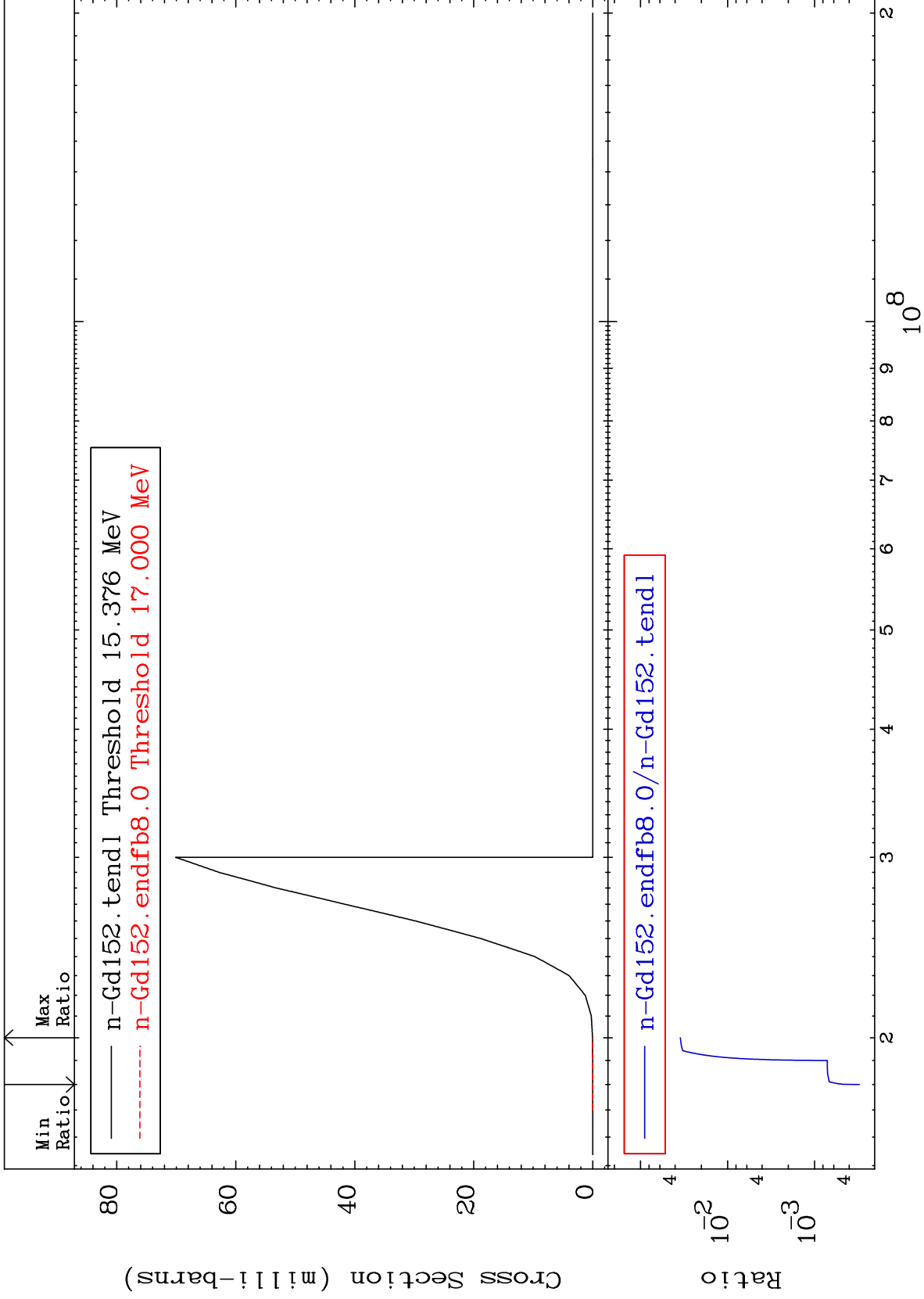
64-Gd-152



MAT 6425

(n,2n) p  
Cross Section

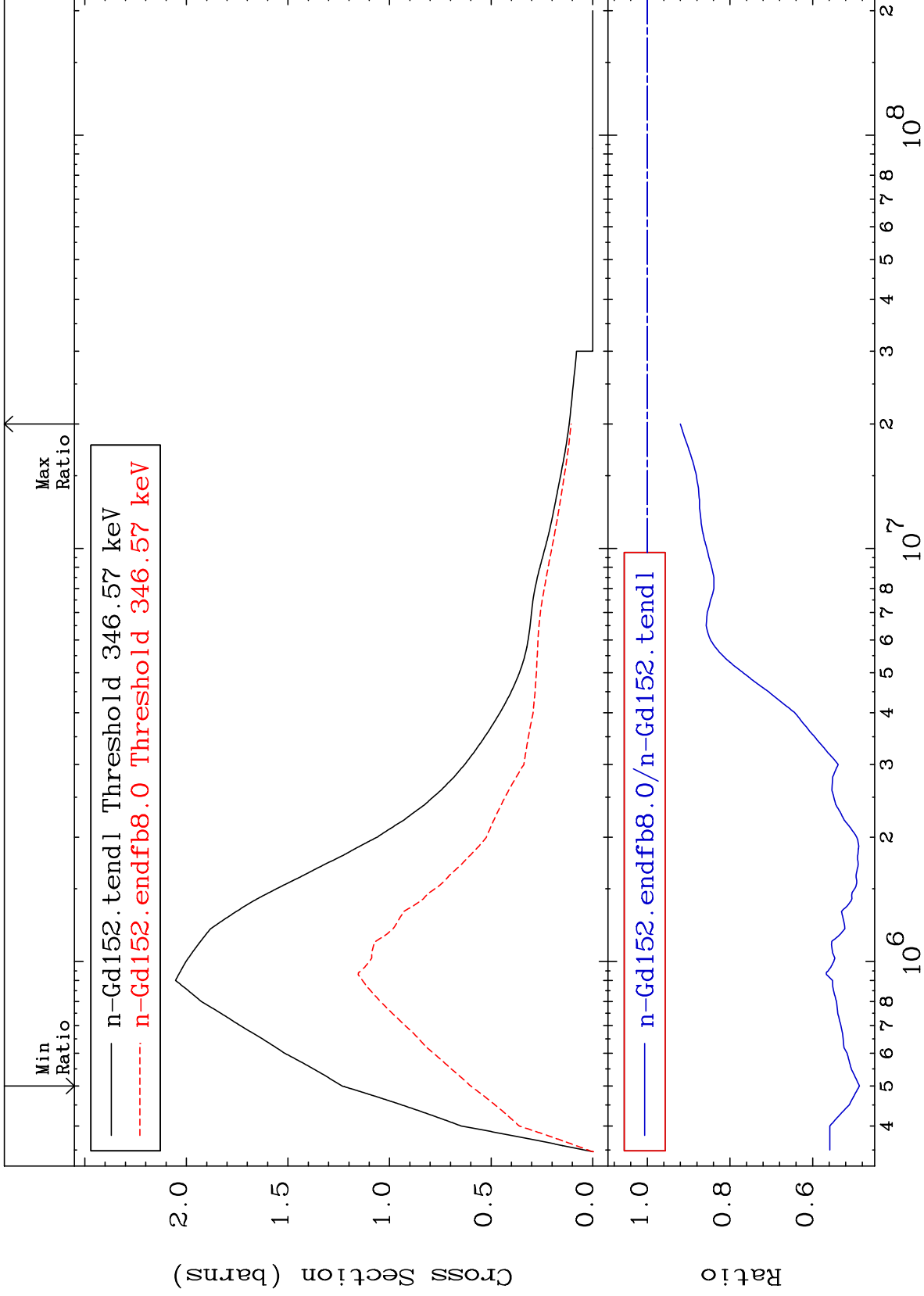
64-Gd-152  
-99.97 To -96.51%



MAT 6425

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

64-Gd-152  
-51.31 To -7.992%



10

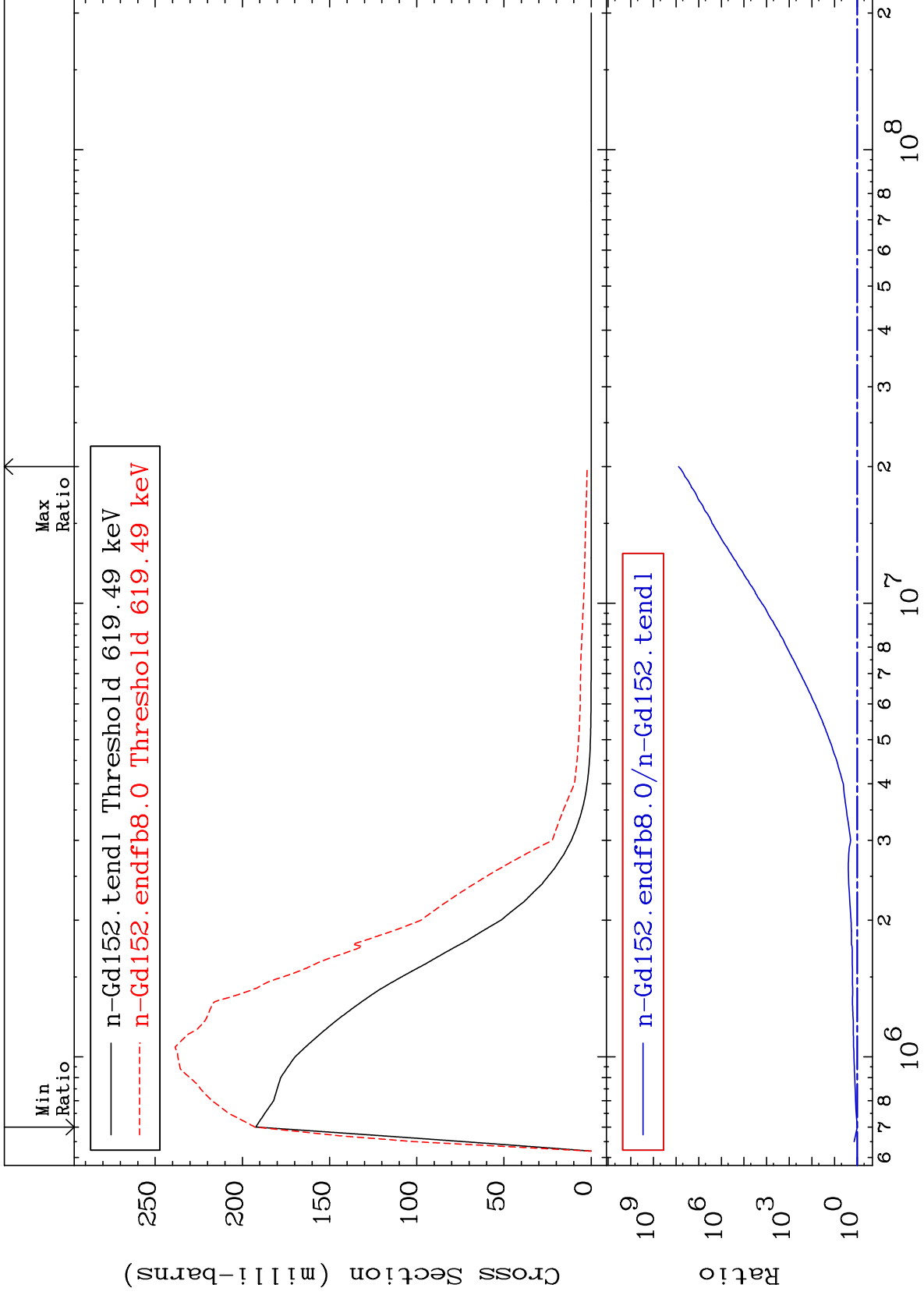
Incident Energy (eV)

64-Gd-152

MAT 6425

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

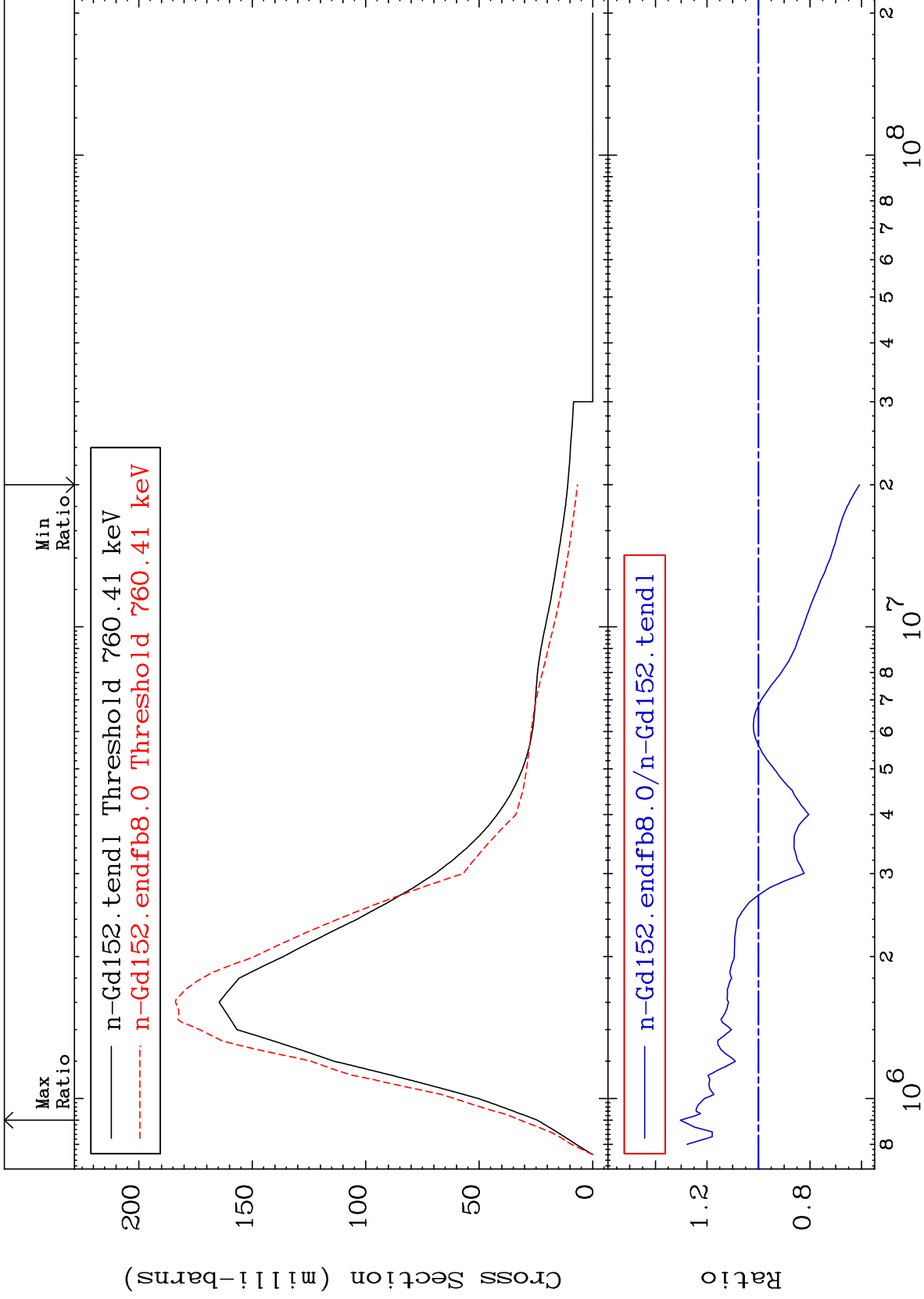
64-Gd-152  
0.287 To 9999. %



MAT 6425

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

64-Gd-152  
-39.21 To 30.32 %



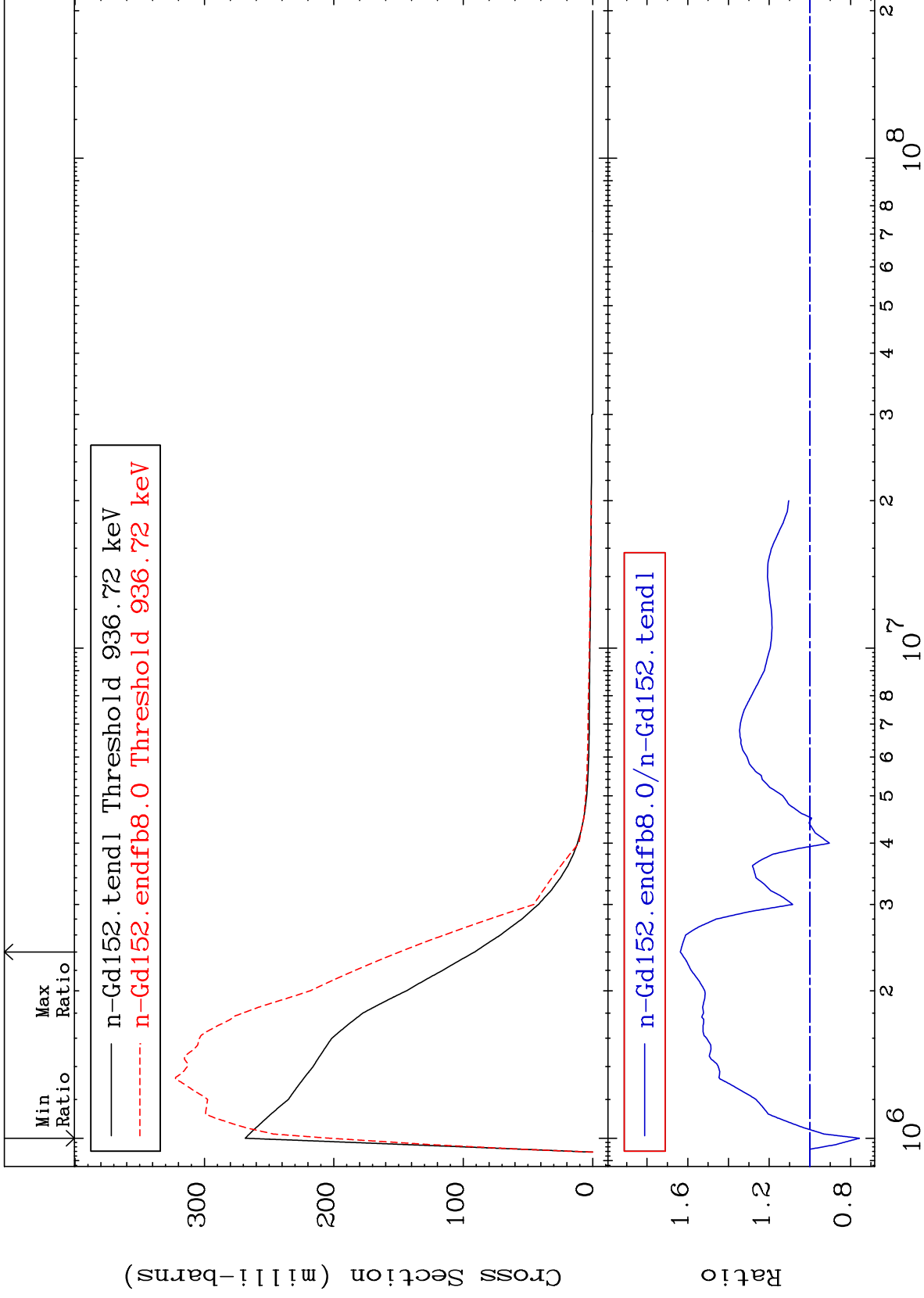
12

64-Gd-152

MAT 6425

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

64-Gd-152  
-24.33 To 63.64 %



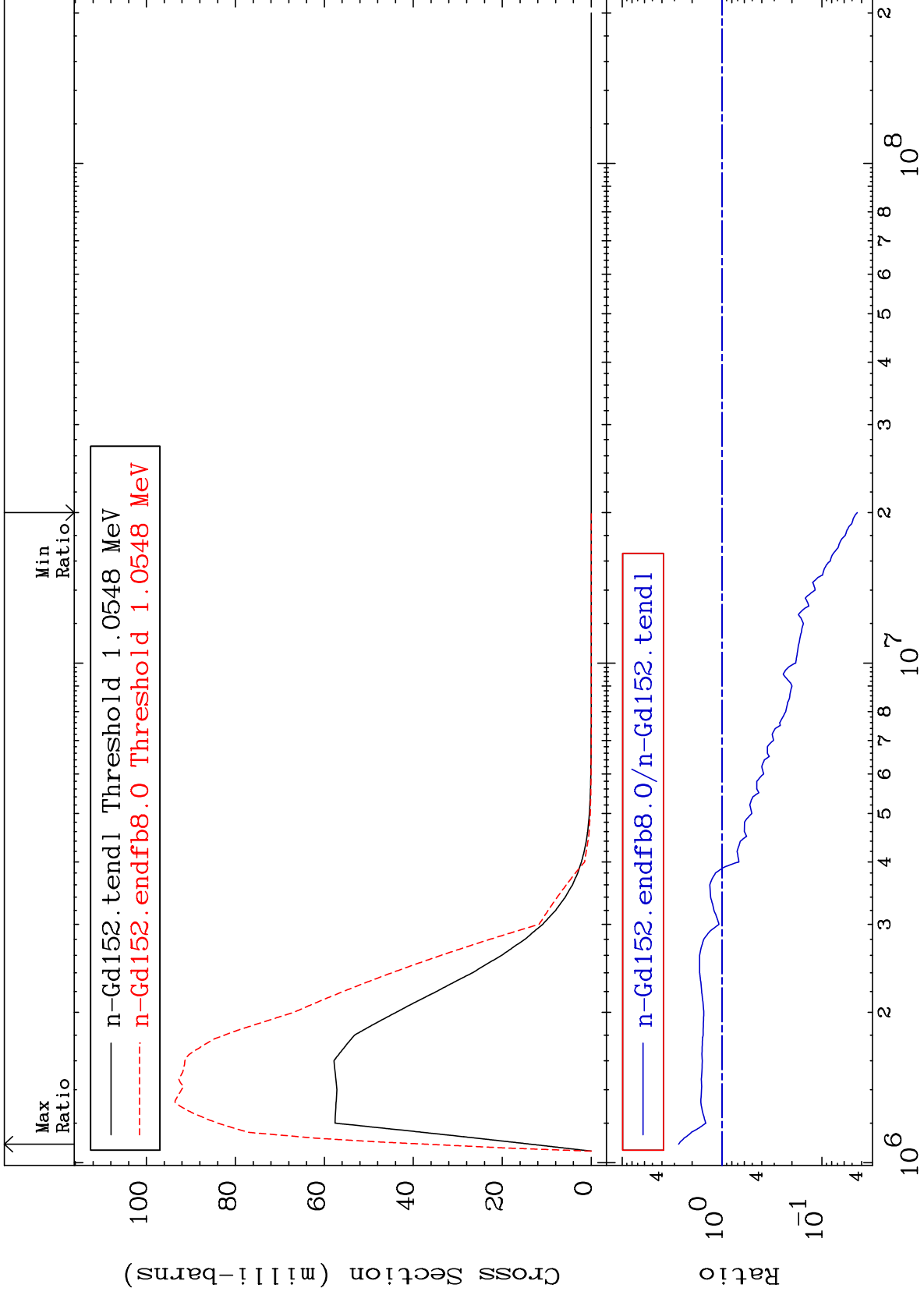
13

64-Gd-152

MAT 6425

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

64-Gd-152  
-95.57 To 172.4 %



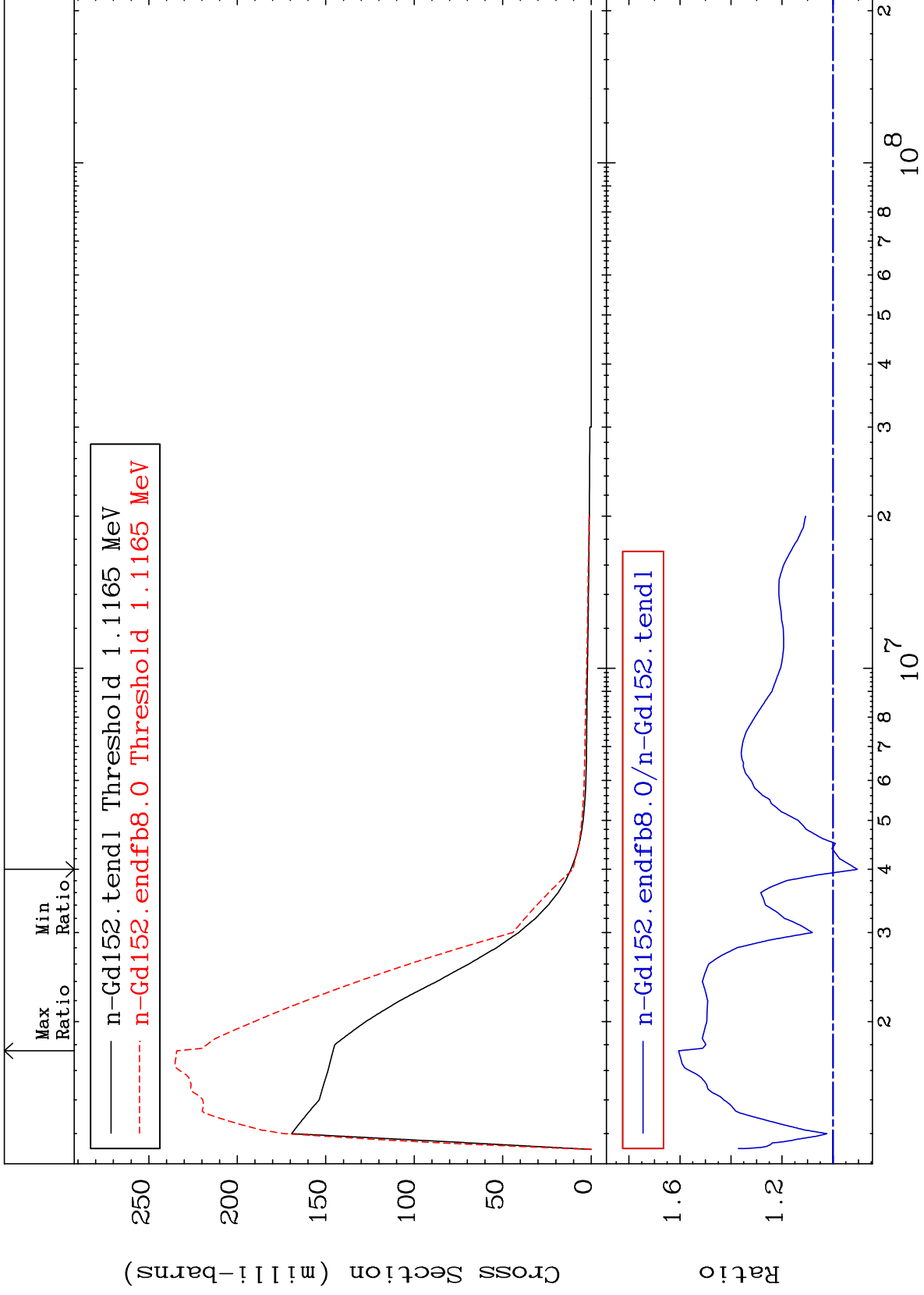
14

64-Gd-152

MAT 6425

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

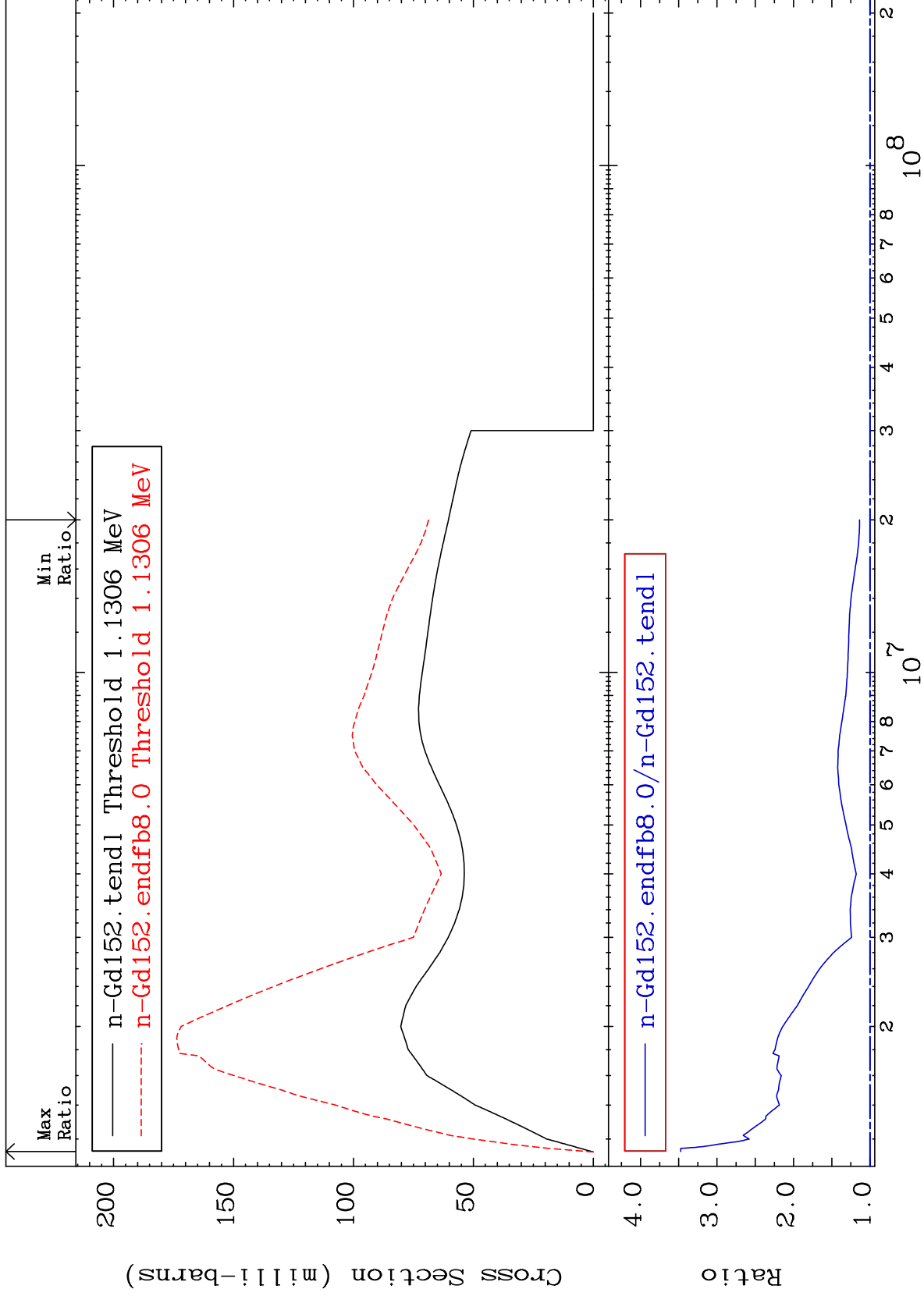
64-Gd-152  
-9.500 To 60.53 %



MAT 6425

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

64-Gd-152  
13.69 To 247.4 %

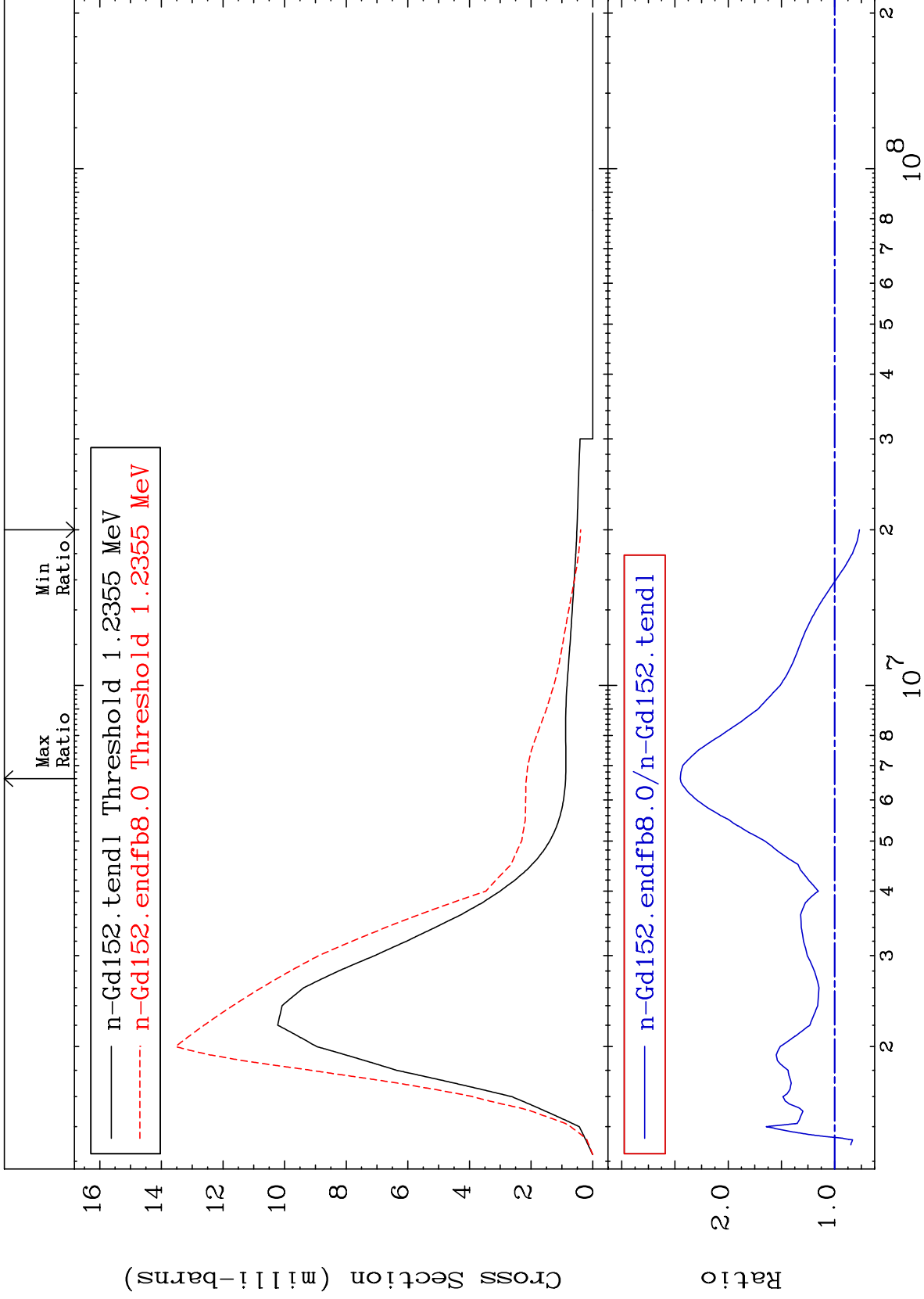




MAT 6425

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

64-Gd-152  
-23.29 To 144.9 %



17

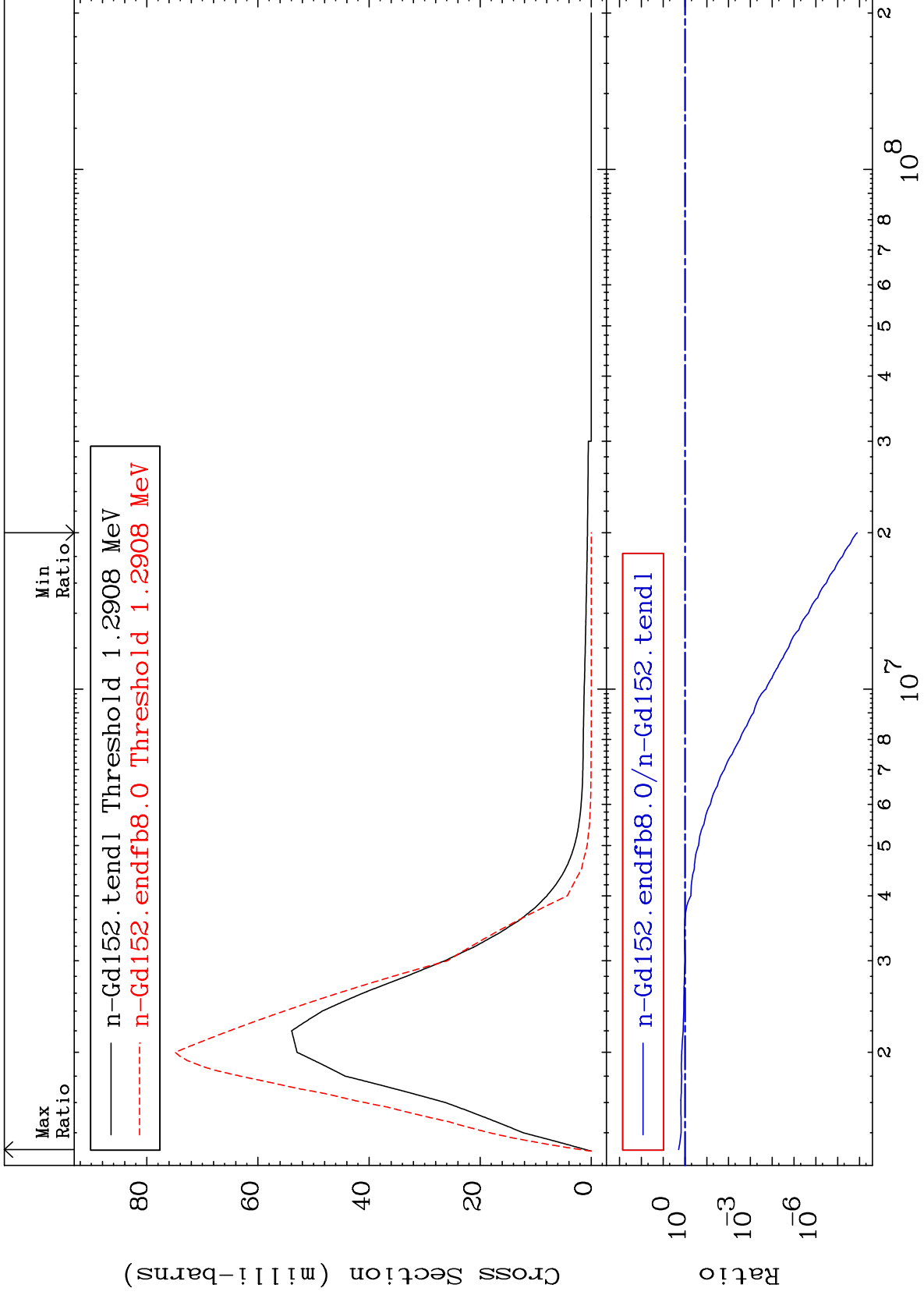
Incident Energy (eV)

64-Gd-152

MAT 6425

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

64-Gd-152  
-100.0 To 95.35 %



18

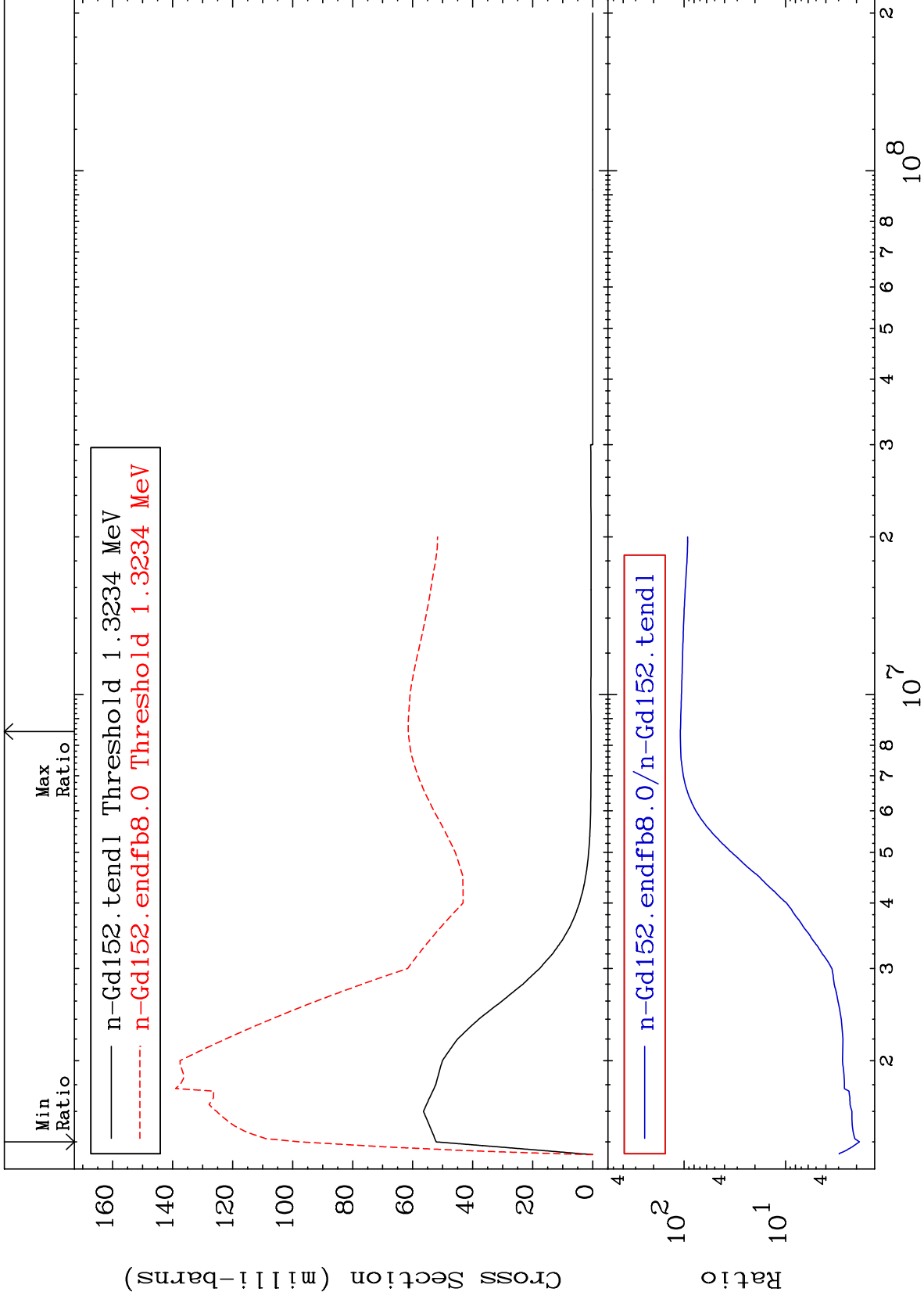
64-Gd-152

64-Gd-152

MAT 6425

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

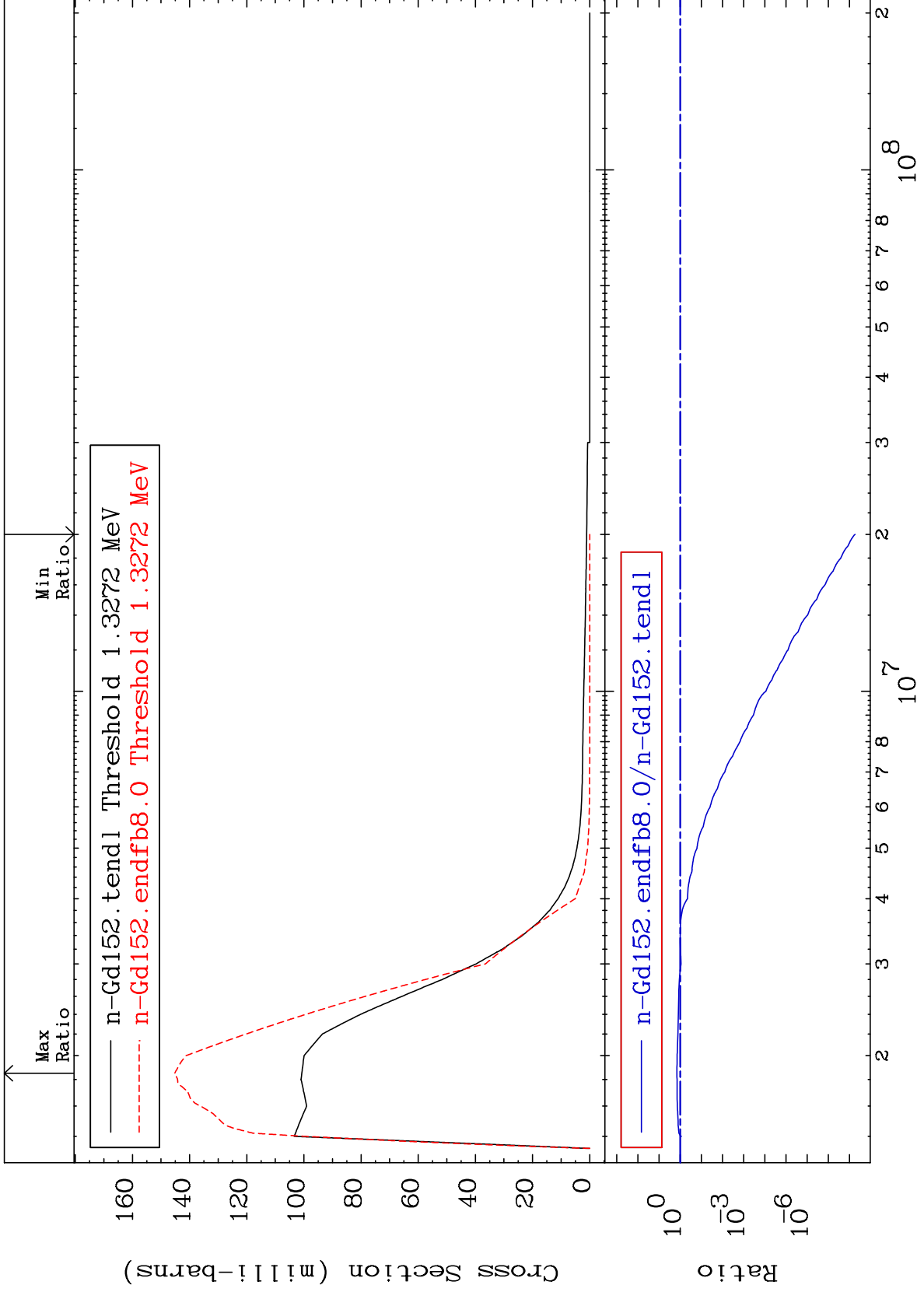
64-Gd-152  
86.84 To 9999. %



MAT 6425

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

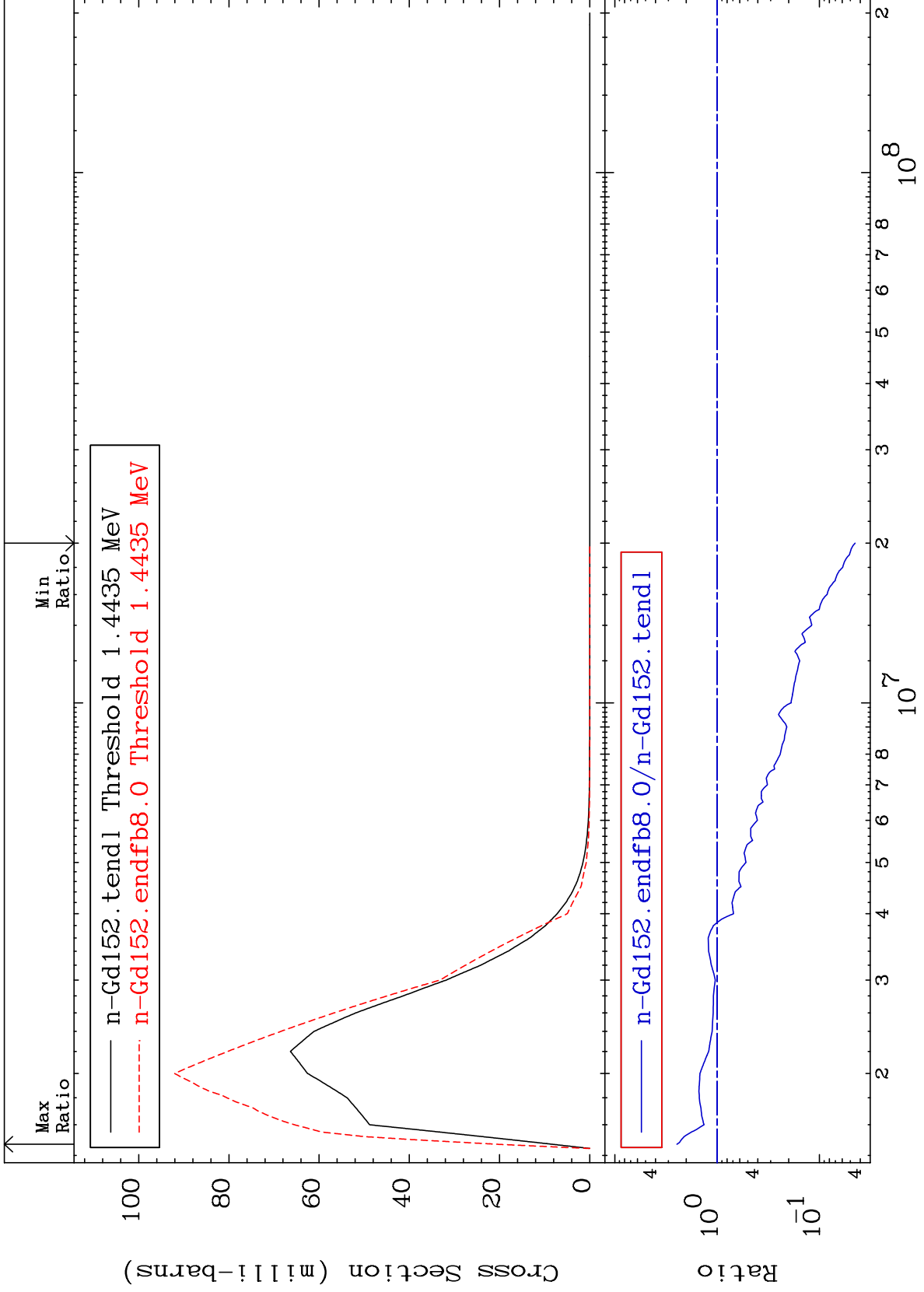
64-Gd-152  
-100.0 To 44.18 %



MAT 6425

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

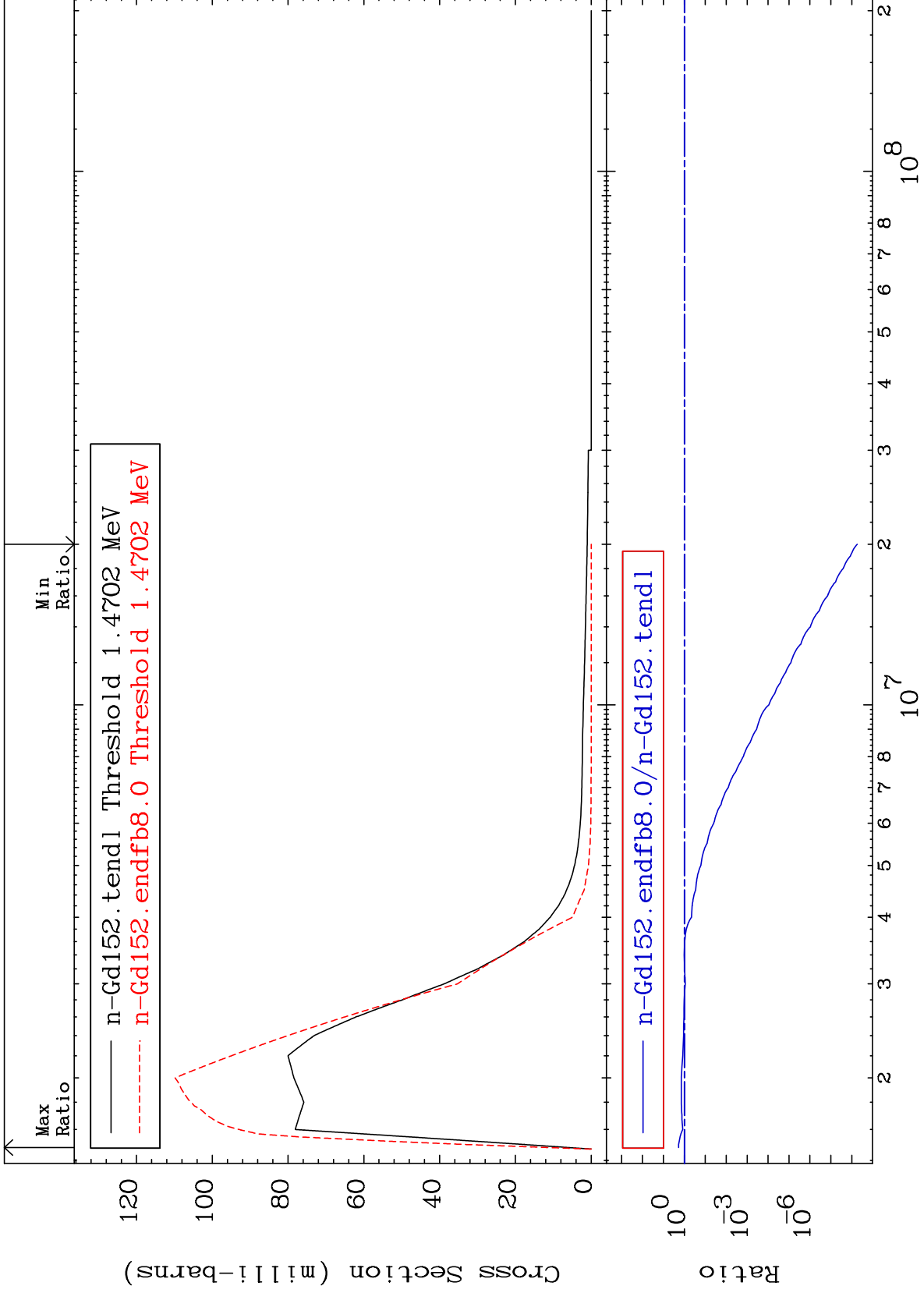
64-Gd-152  
-95.51 To 147.0 %



MAT 6425

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

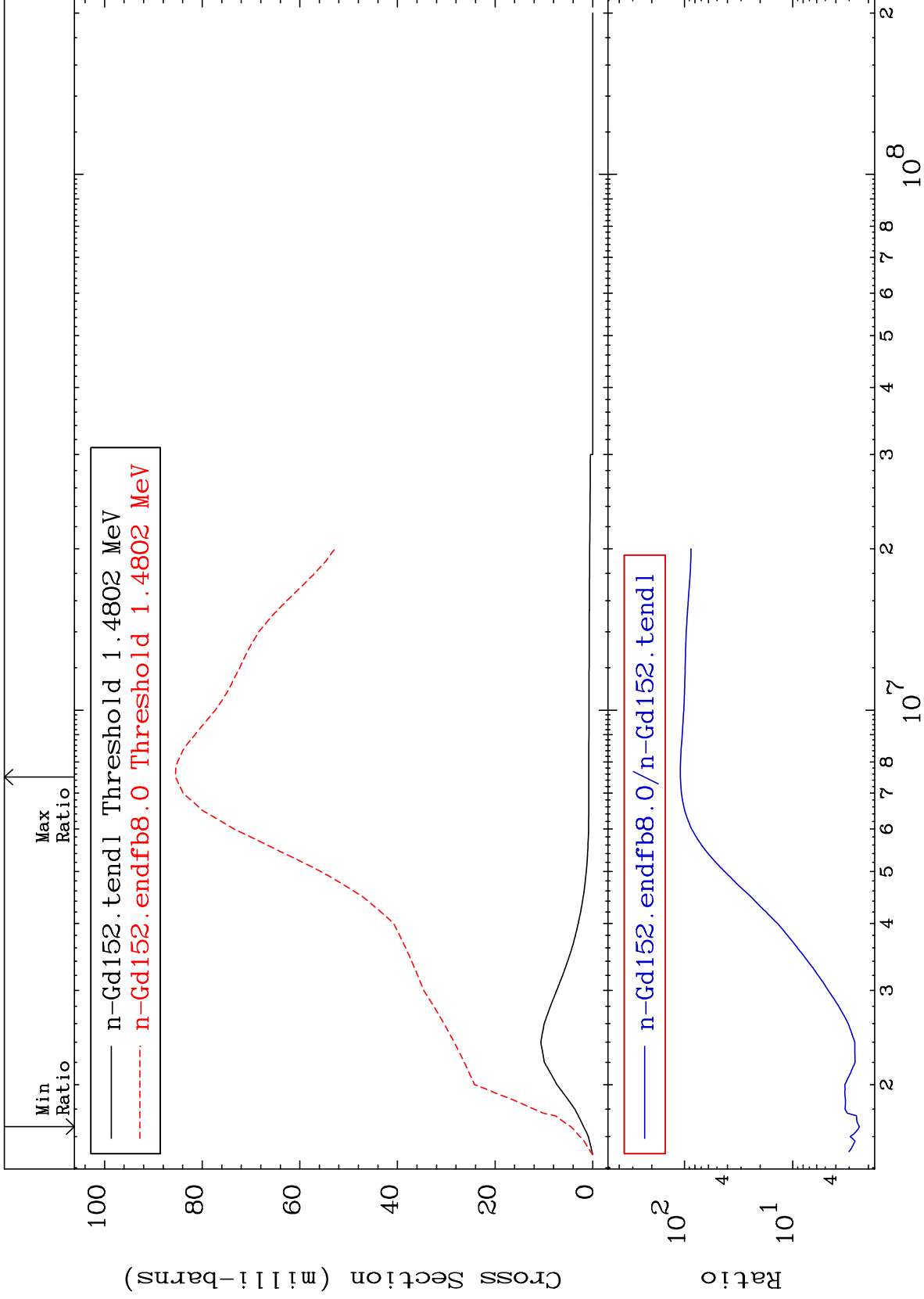
64-Gd-152  
-100.0 To 86.99 %



MAT 6425

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

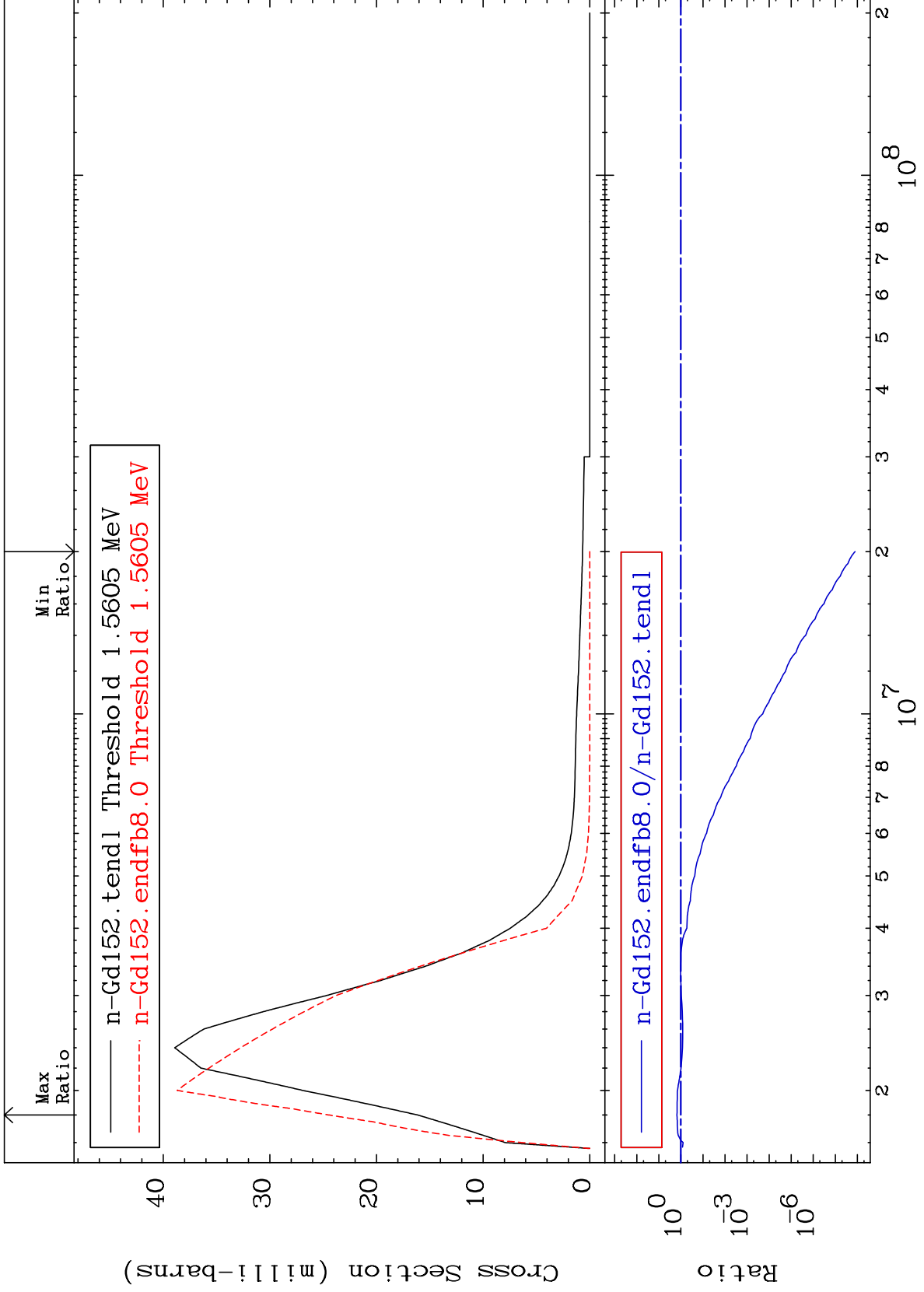
64-Gd-152  
141.9 To 9999. %



MAT 6425

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

64-Gd-152  
-100.0 To 51.44 %

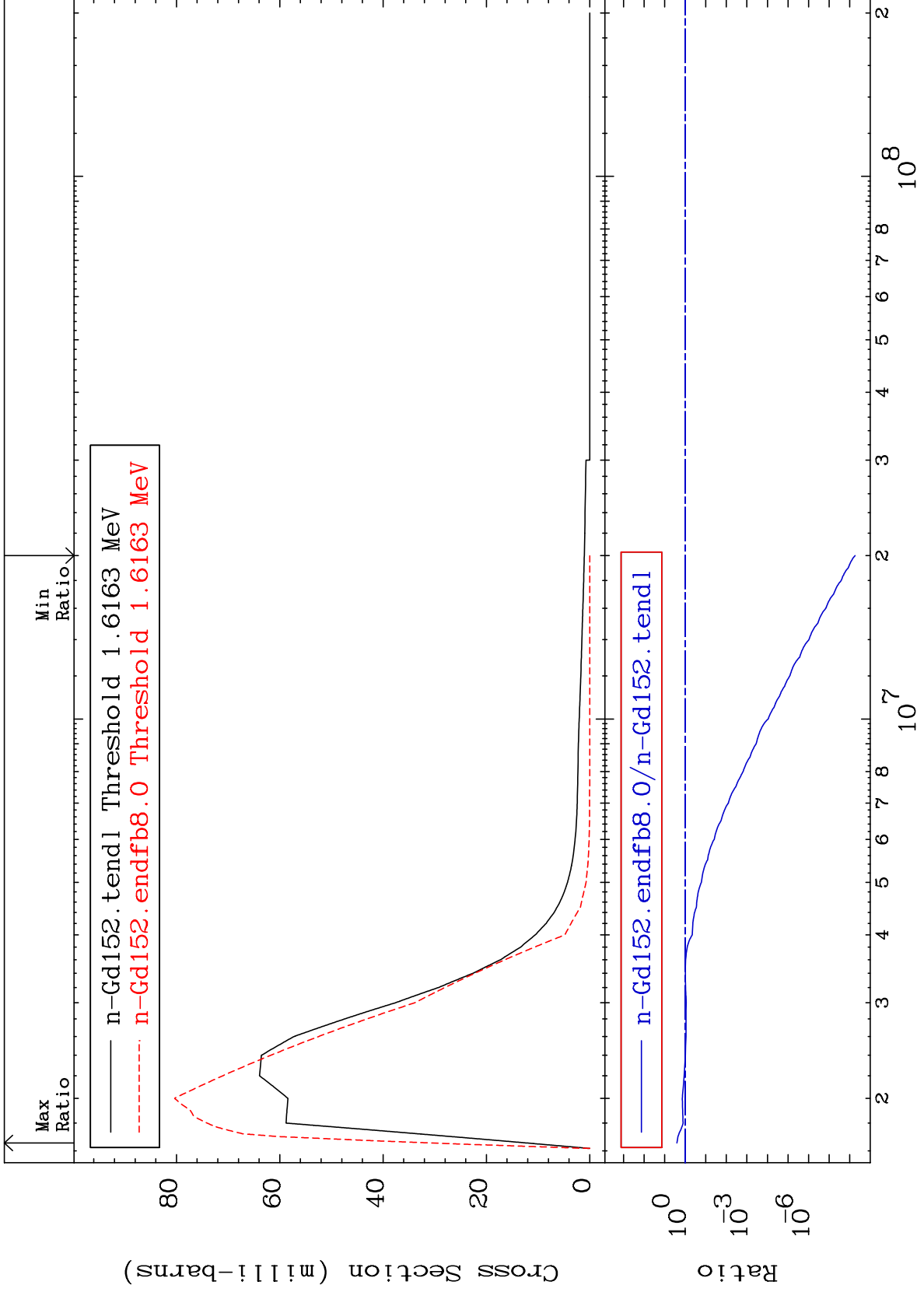




MAT 6425

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

64-Gd-152  
-100.0 To 151.9 %



25

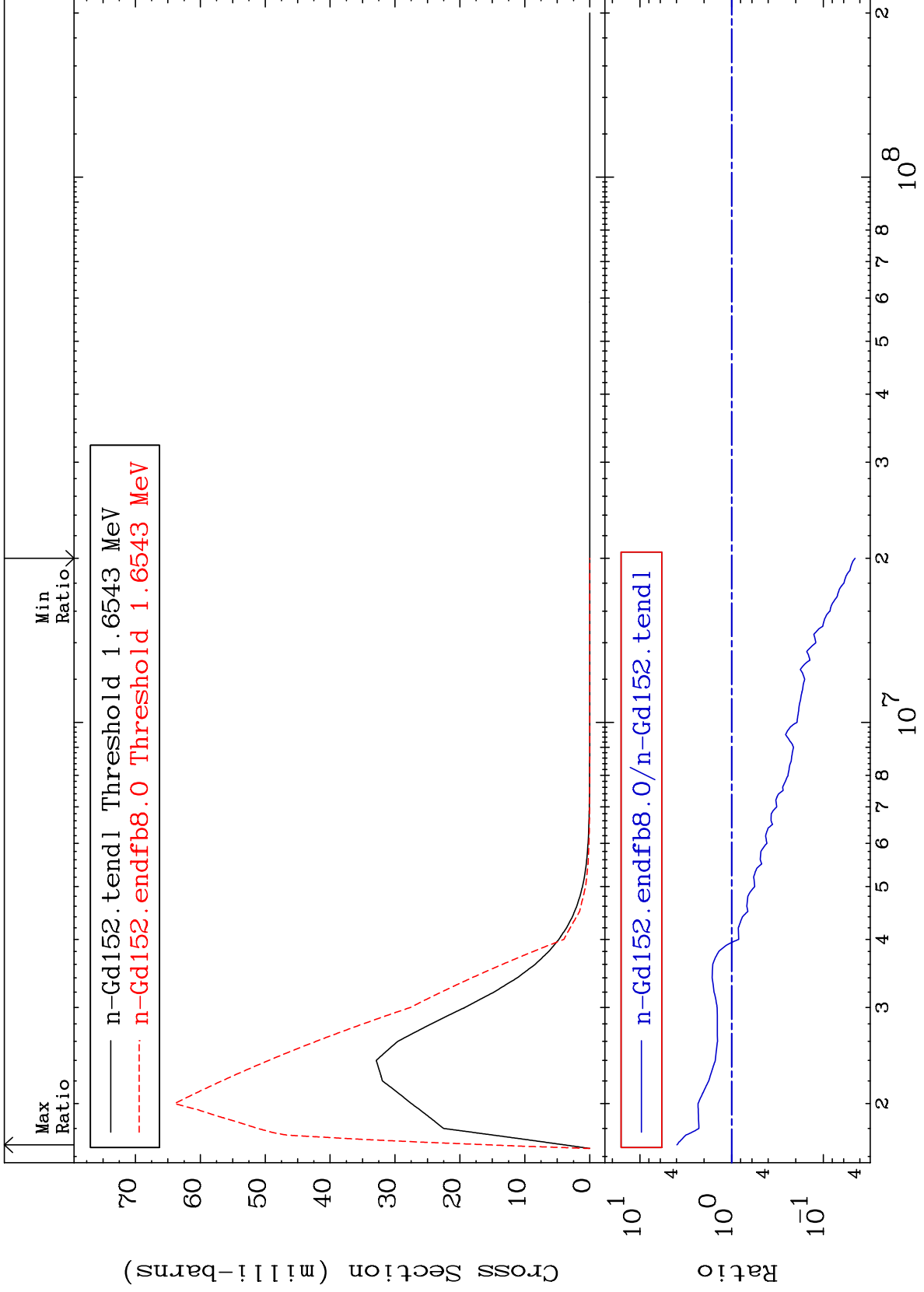
Incident Energy (eV)

64-Gd-152

MAT 6425

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

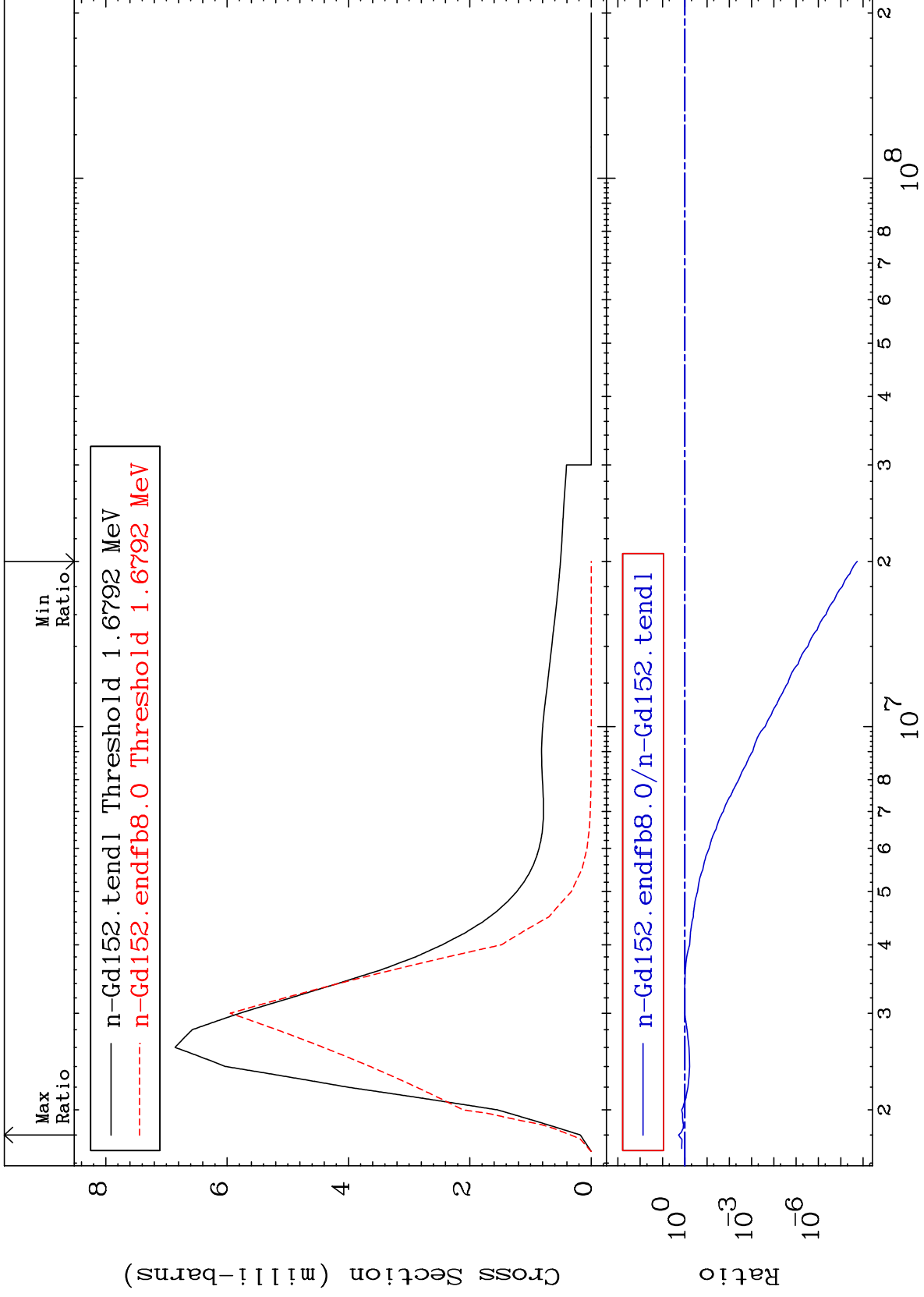
64-Gd-152  
-95.50 To 294.6 %



MAT 6425

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

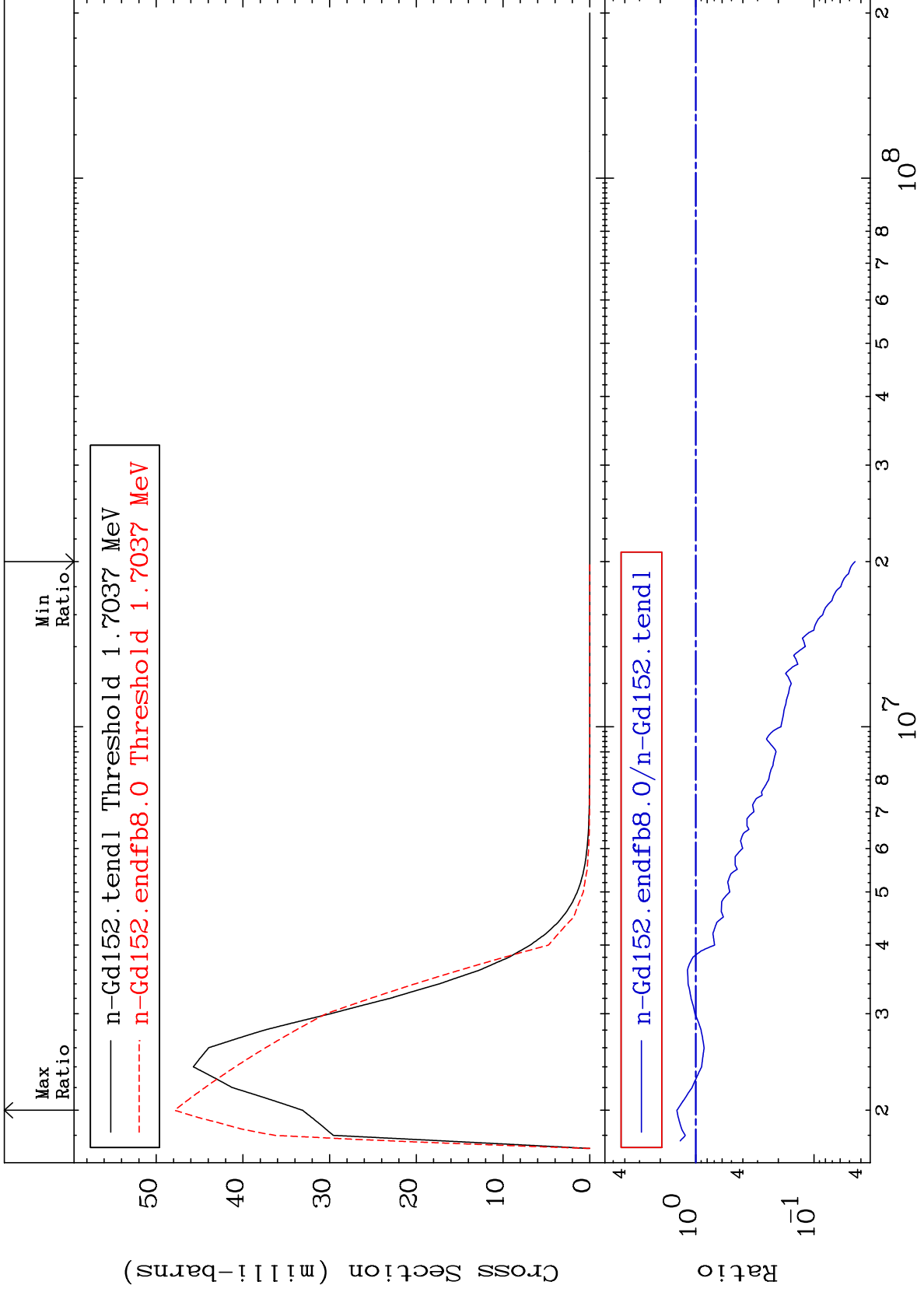
64-Gd-152  
-100.0 To 88.41 %



MAT 6425

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

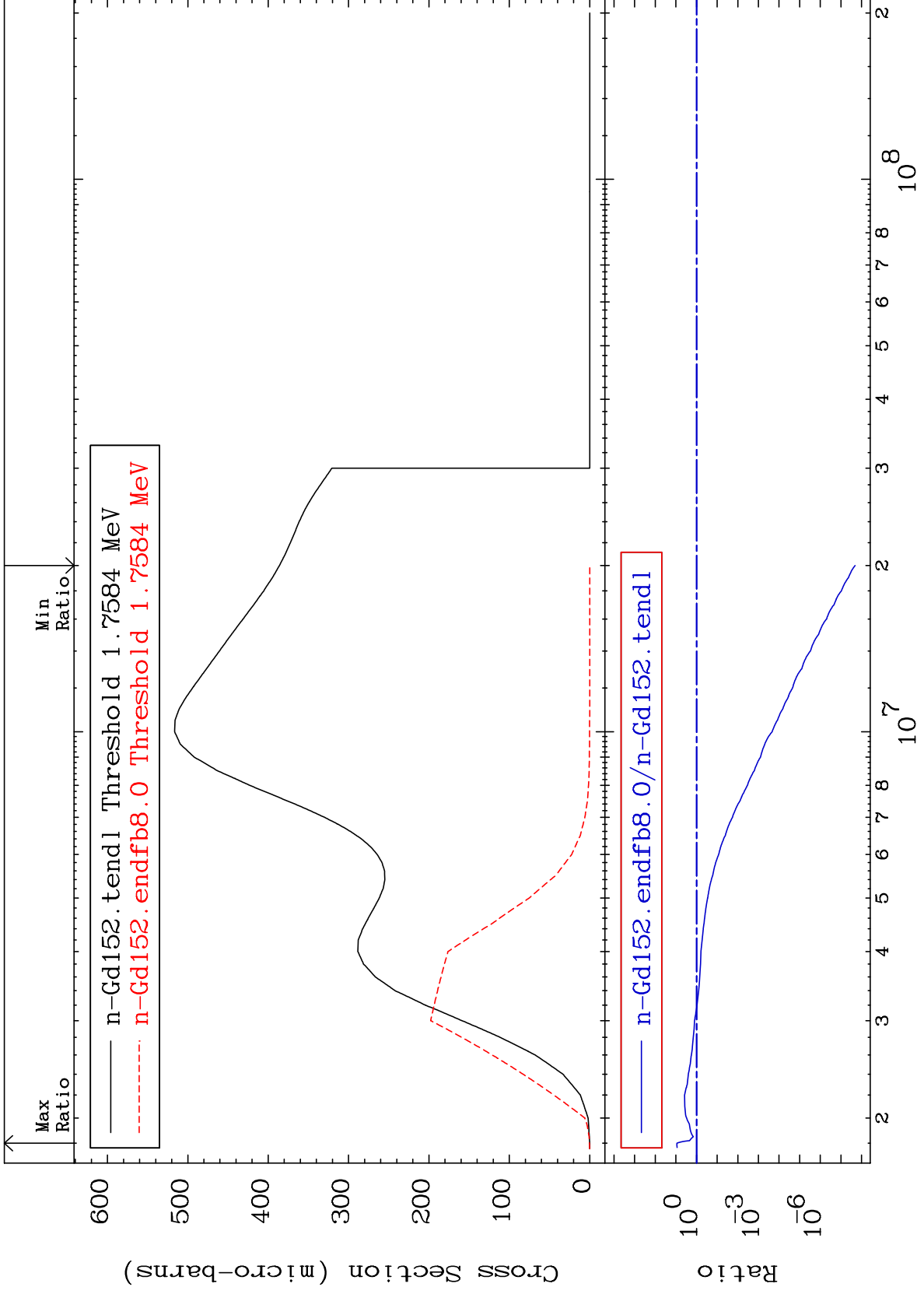
64-Gd-152  
-95.52 To 44.56 %



MAT 6425

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

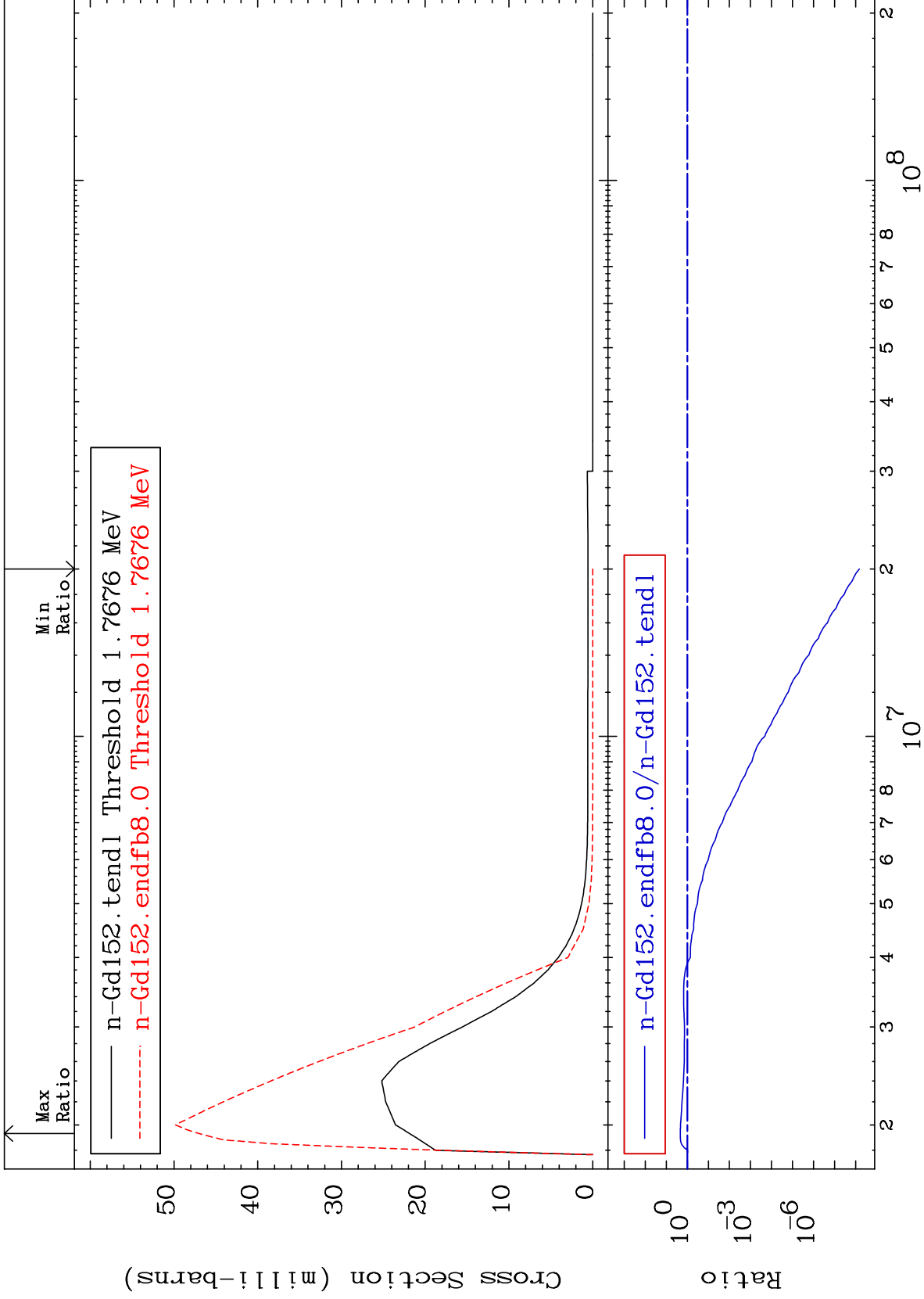
64-Gd-152  
-100.0 To 791.1 %



MAT 6425

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

64-Gd-152  
-100.0 To 114.9 %



30

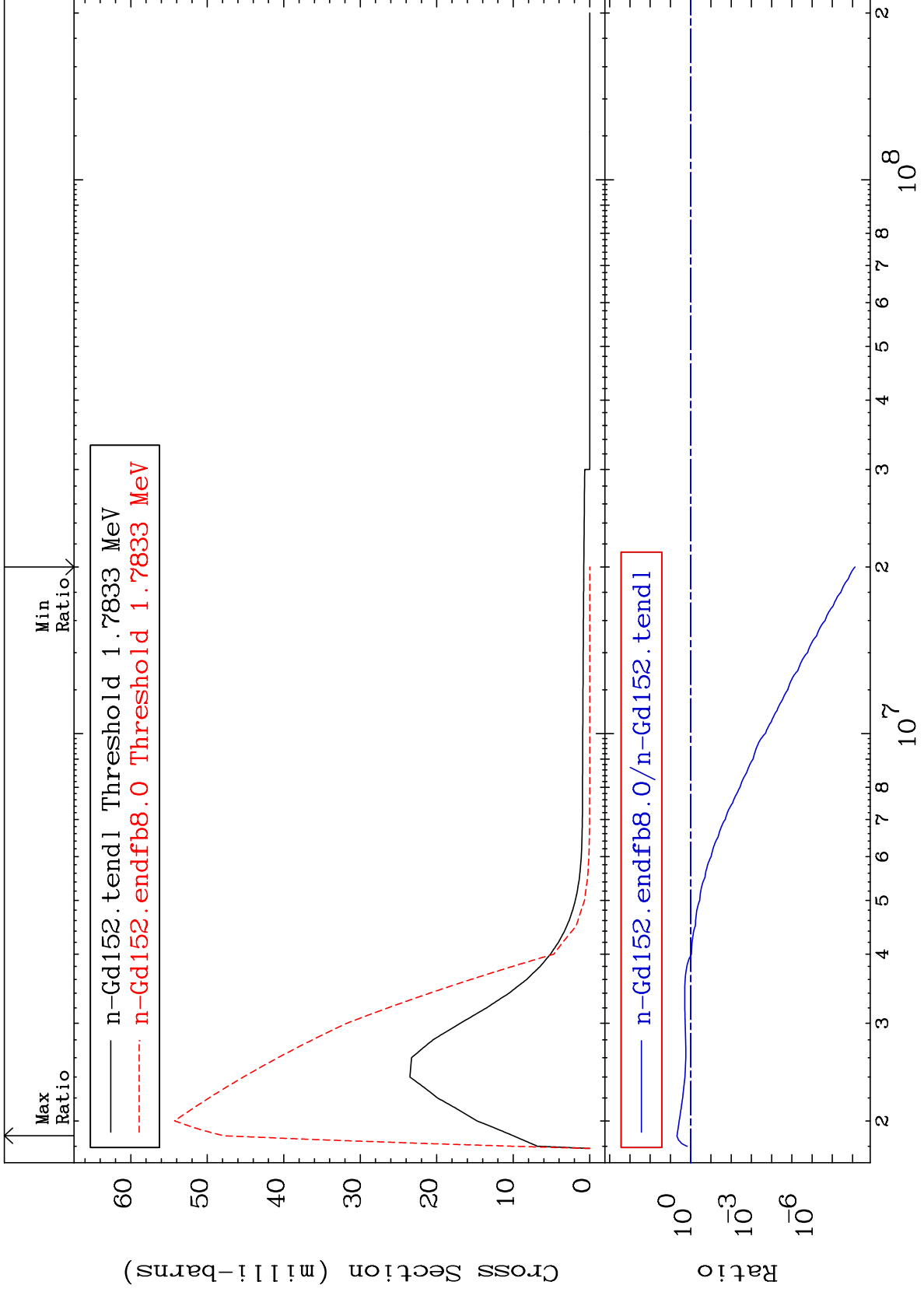
Incident Energy (eV)

64-Gd-152

MAT 6425

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

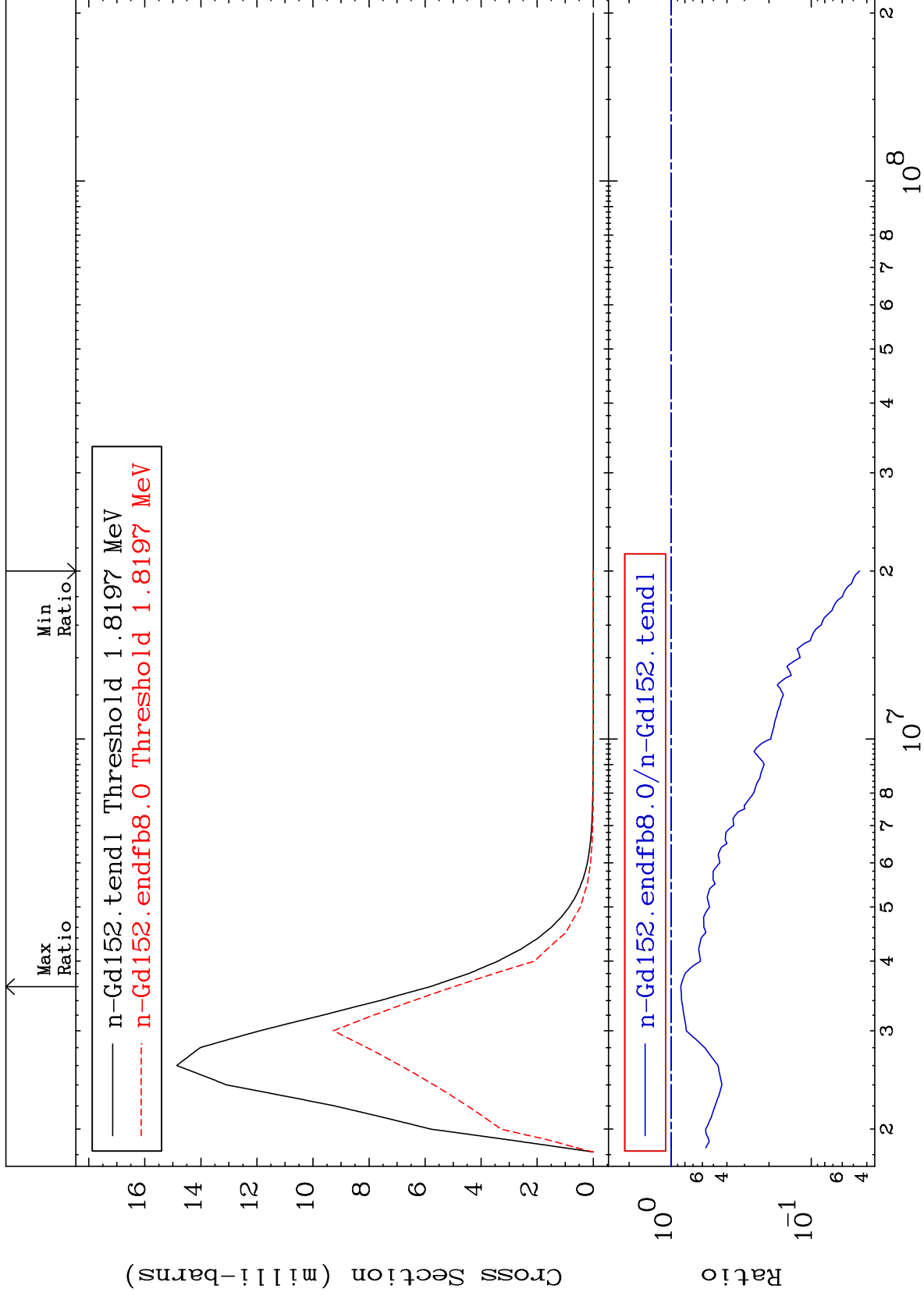
64-Gd-152  
-100.0 To 378.5 %



MAT 6425

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

64-Gd-152  
-95.49 To -14.53%

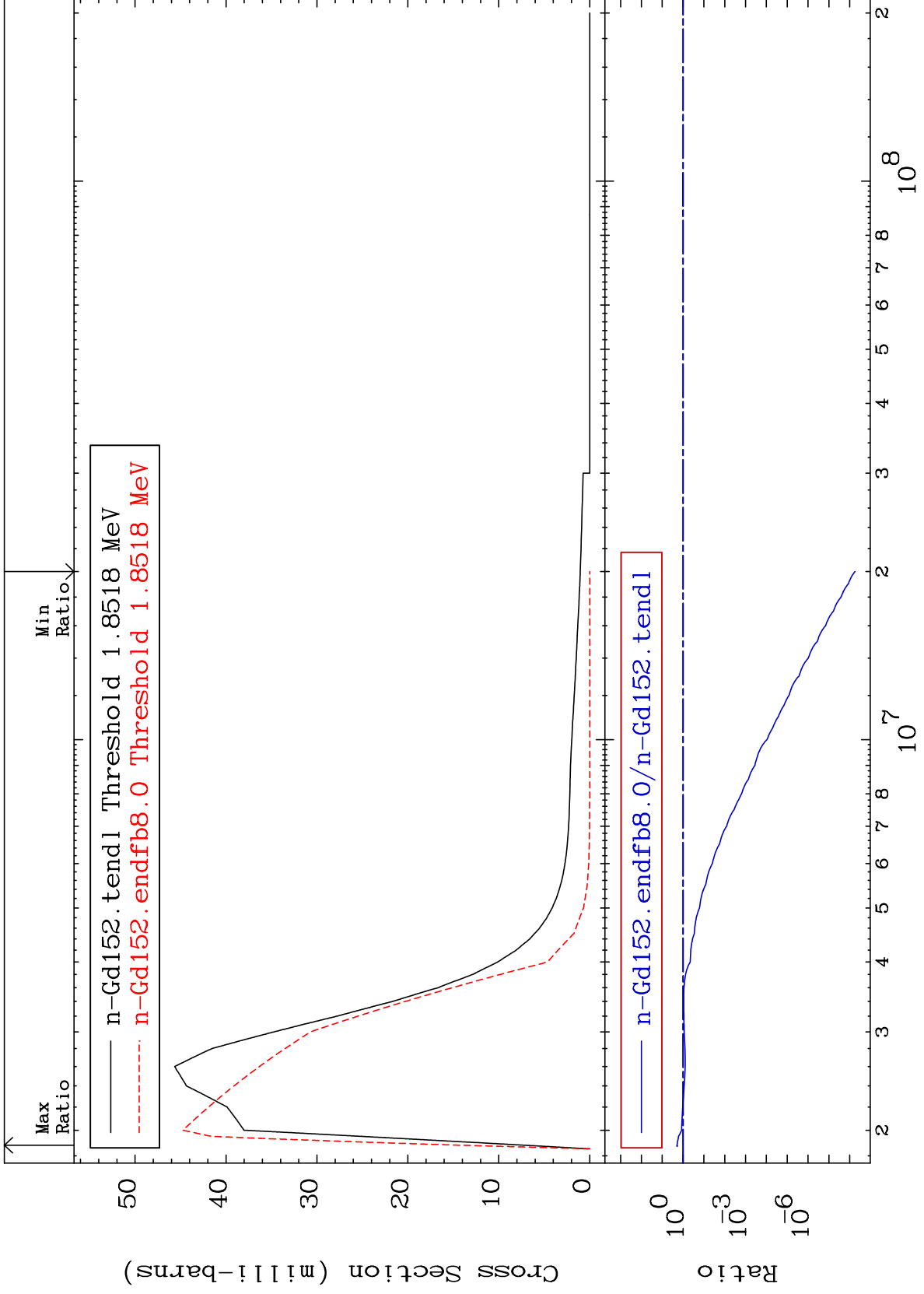




MAT 6425

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

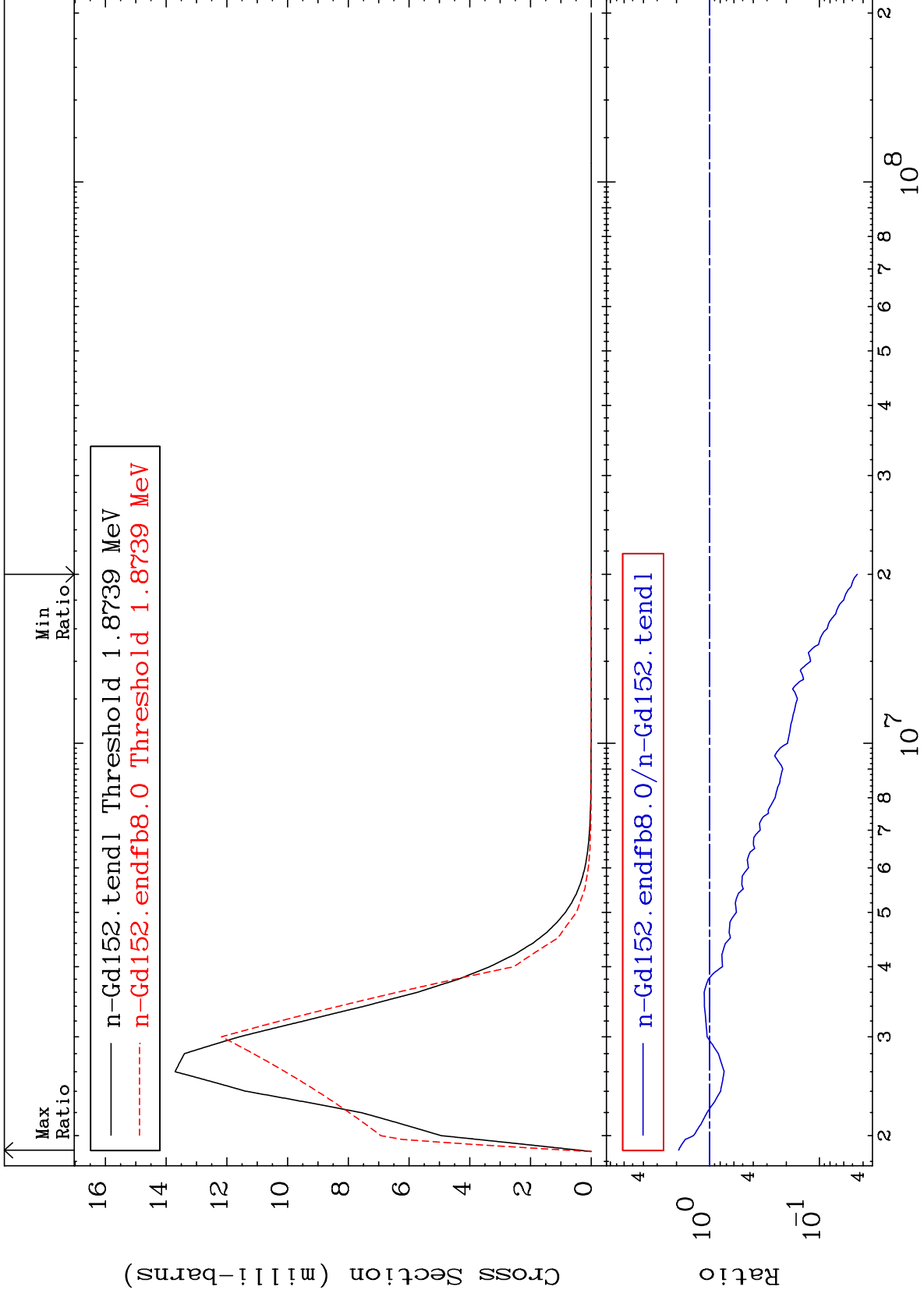
64-Gd-152  
-100.0 To 97.38 %



MAT 6425

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

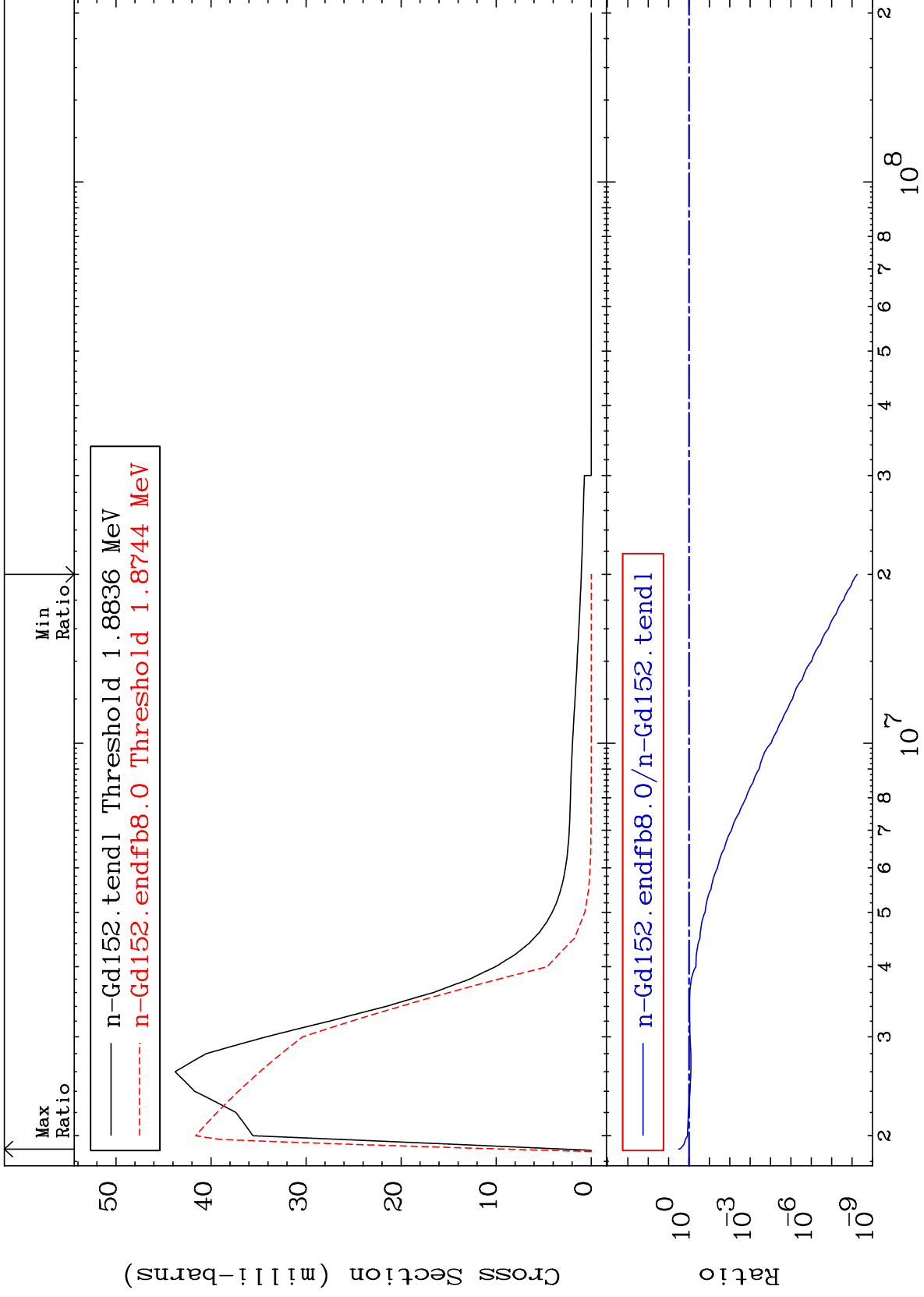
64-Gd-152  
-95.48 To 90.98 %



MAT 6425

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

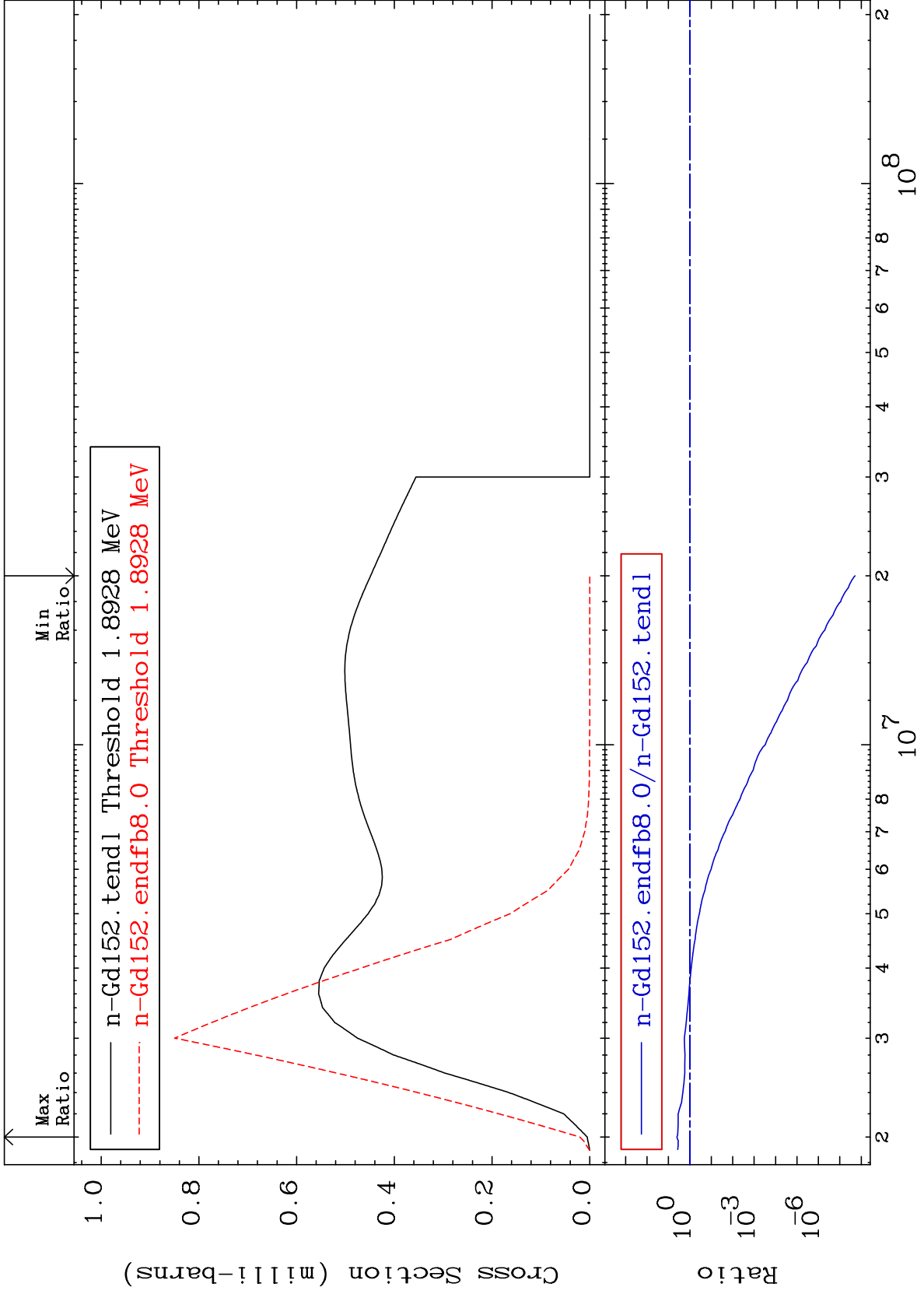
64-Gd-152  
-100.0 To 218.8 %



MAT 6425

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

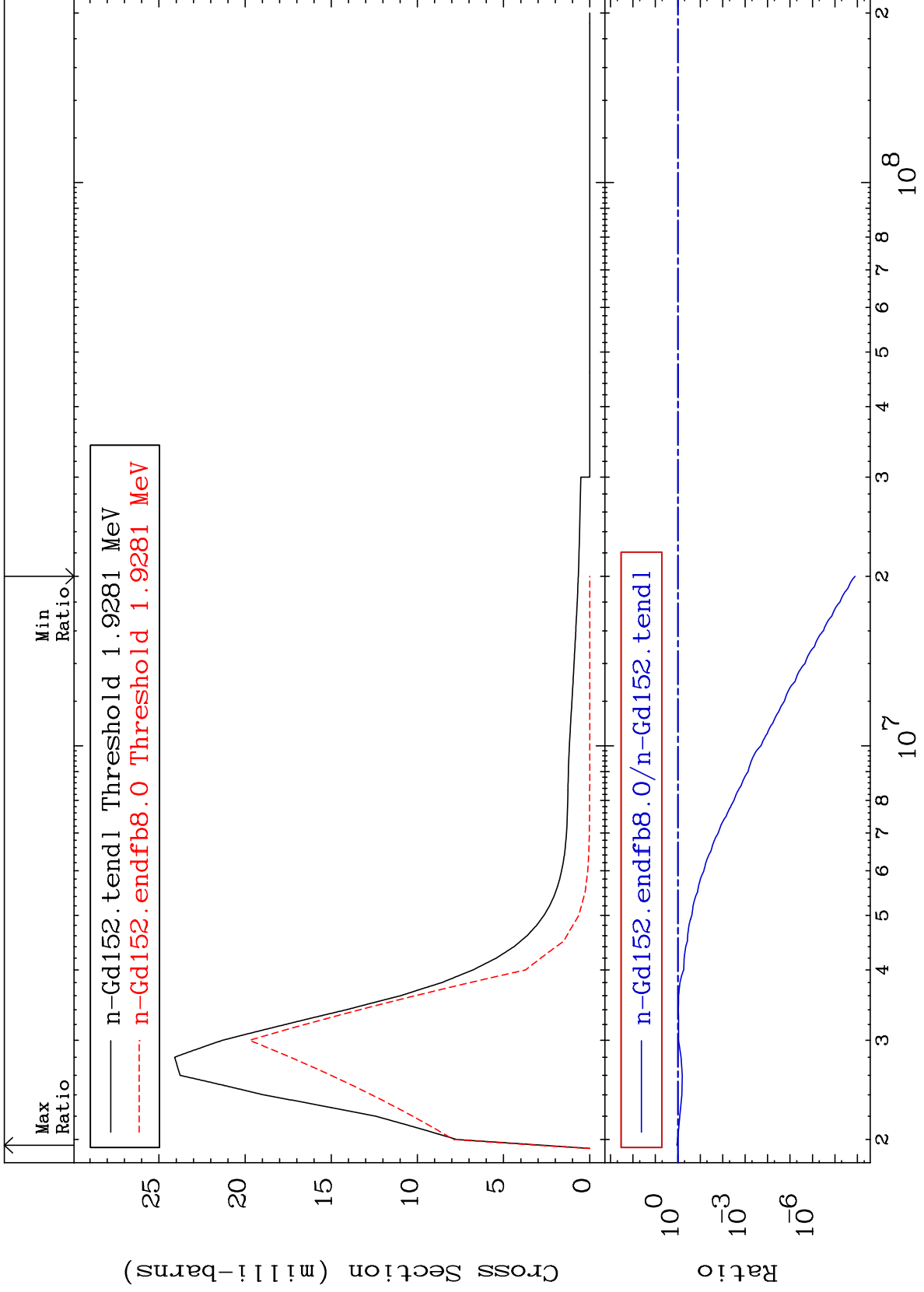
64-Gd-152  
-100.0 To 301.2 %



MAT 6425

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

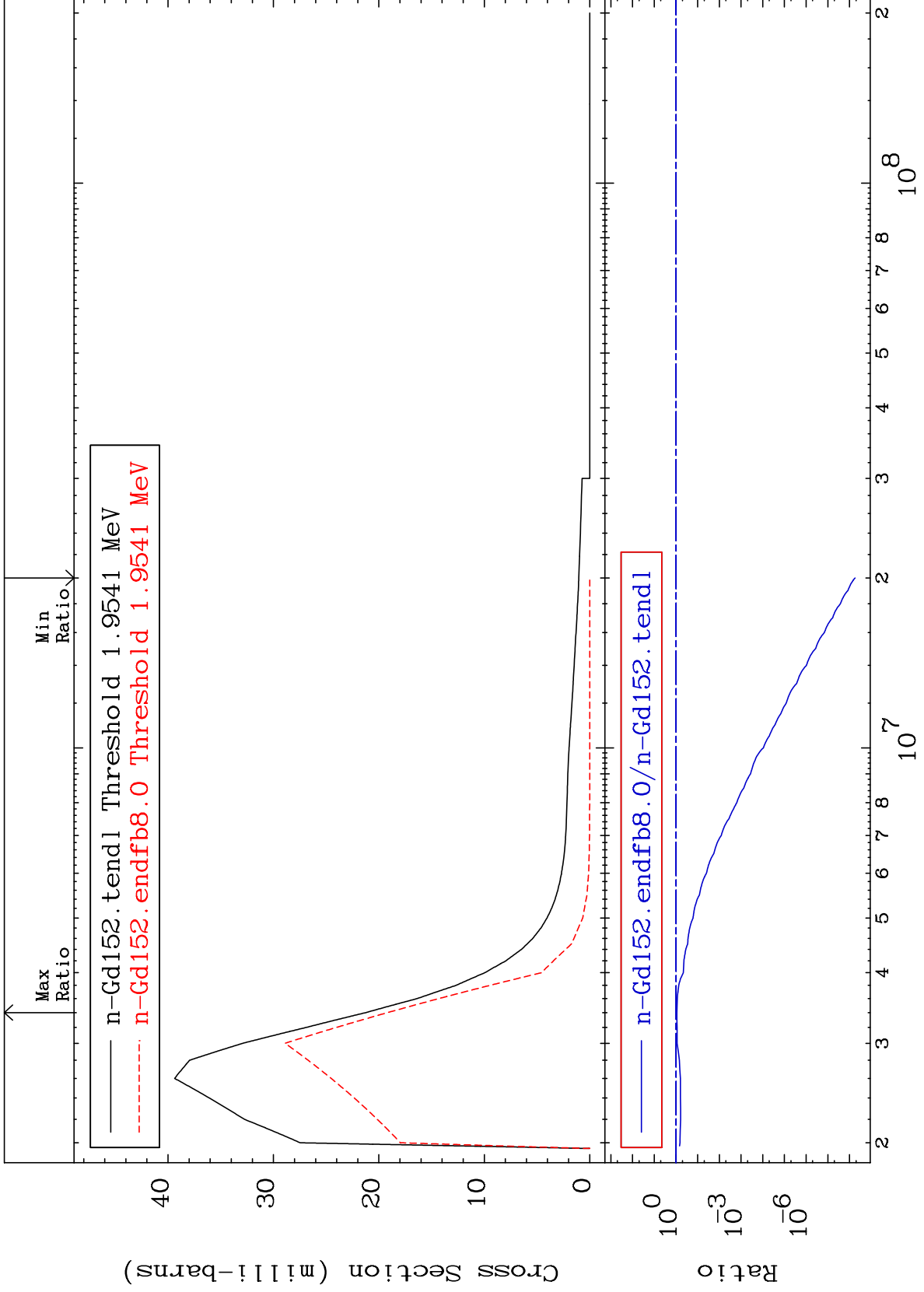
64-Gd-152  
-100.0 To 9.791 %



MAT 6425

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

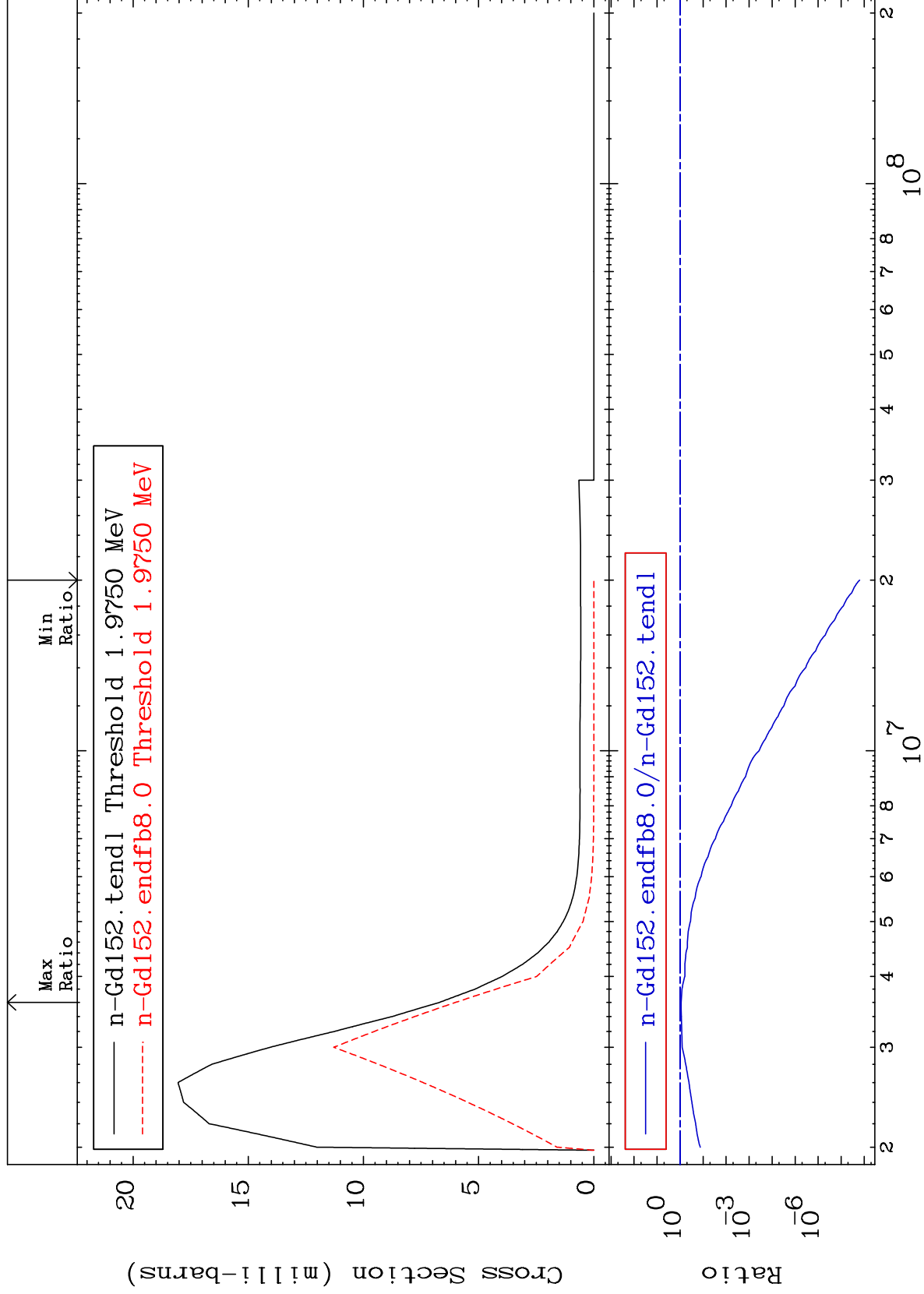
64-Gd-152  
-100.0 To -9.700%



MAT 6425

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

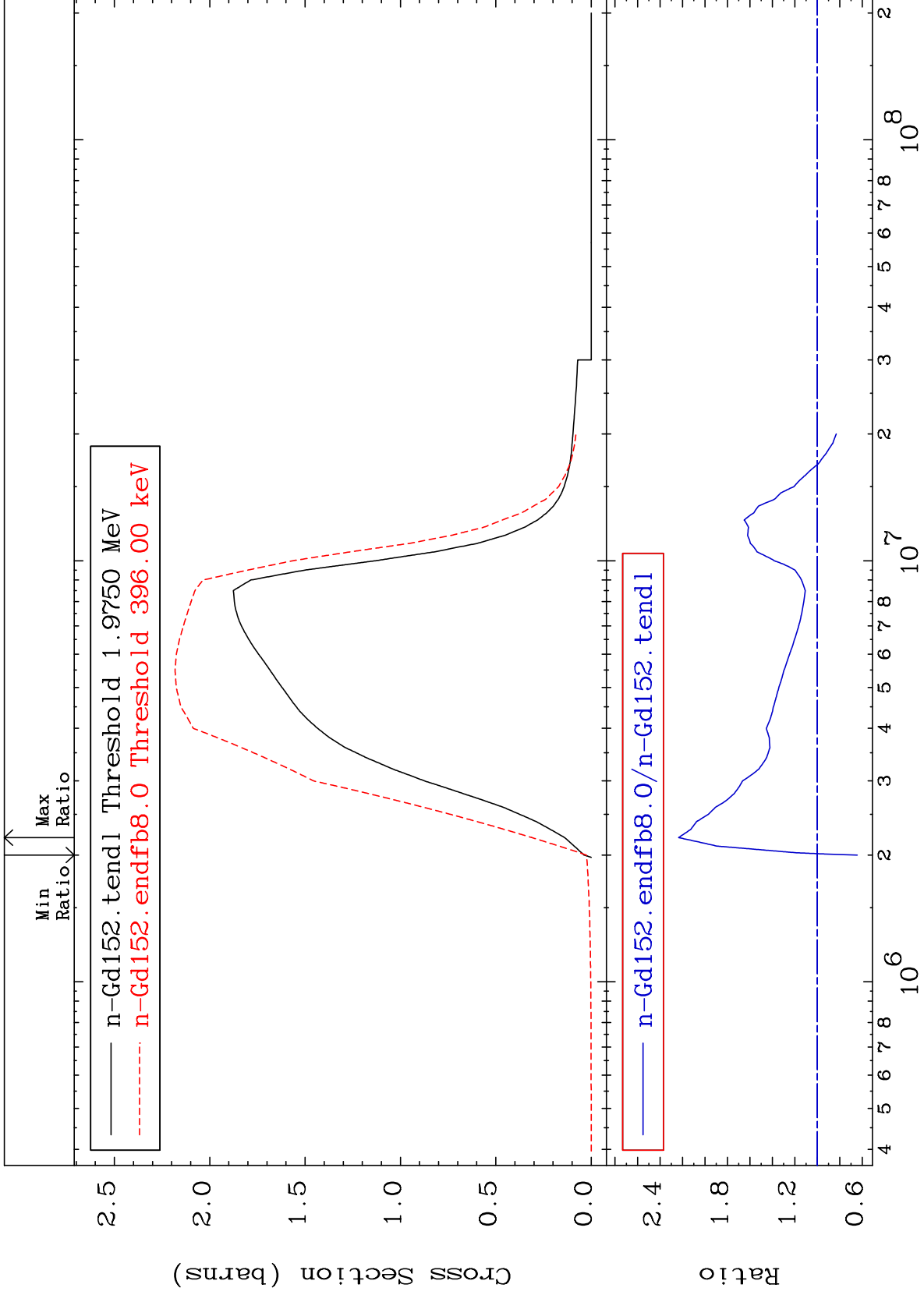
64-Gd-152  
-100.0 To -10.45%



MAT 6425

(n, n') Continuum  
Cross Section

64-Gd-152  
-35.52 To 123.4 %

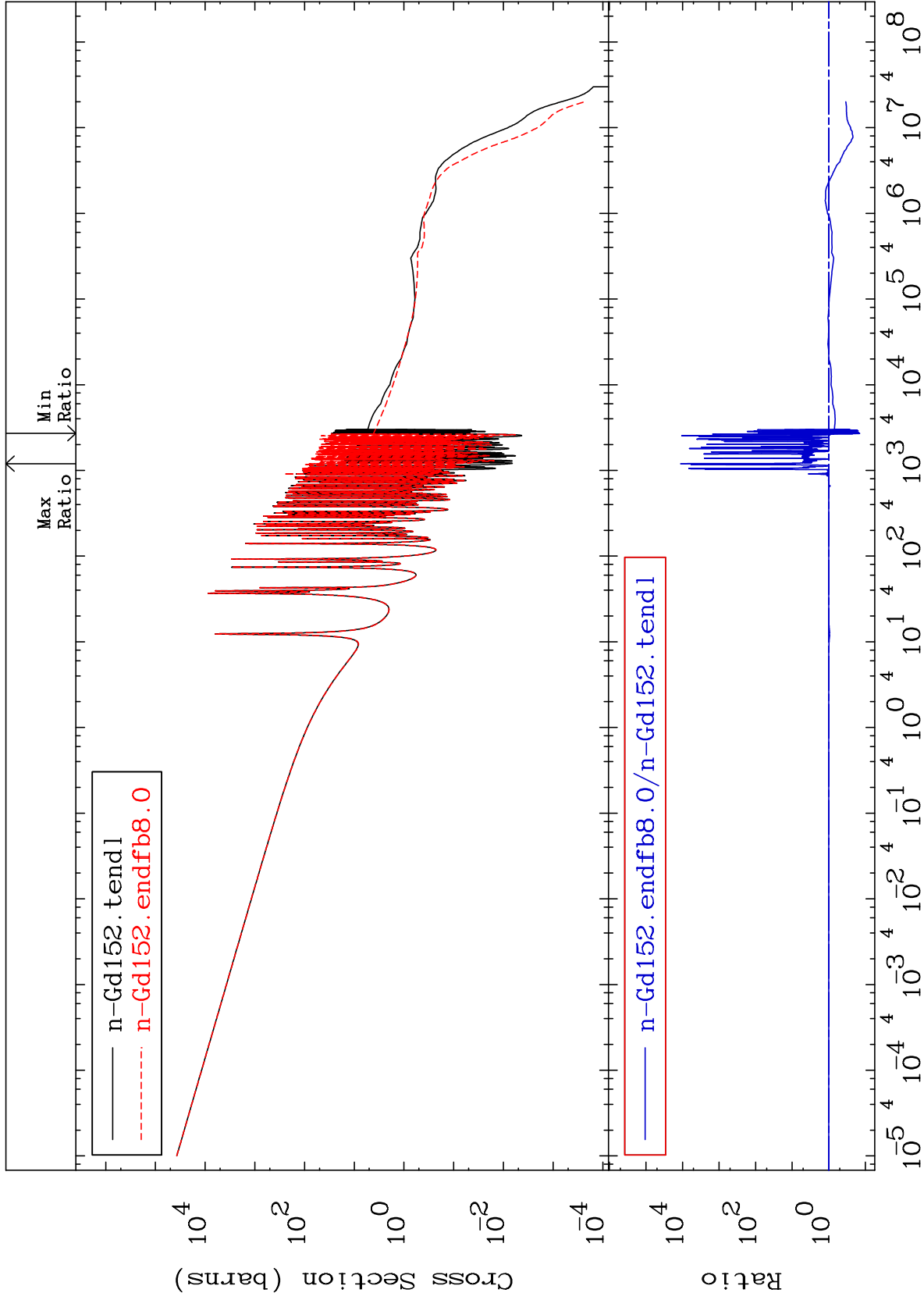


40

Incident Energy (eV)

64-Gd-152





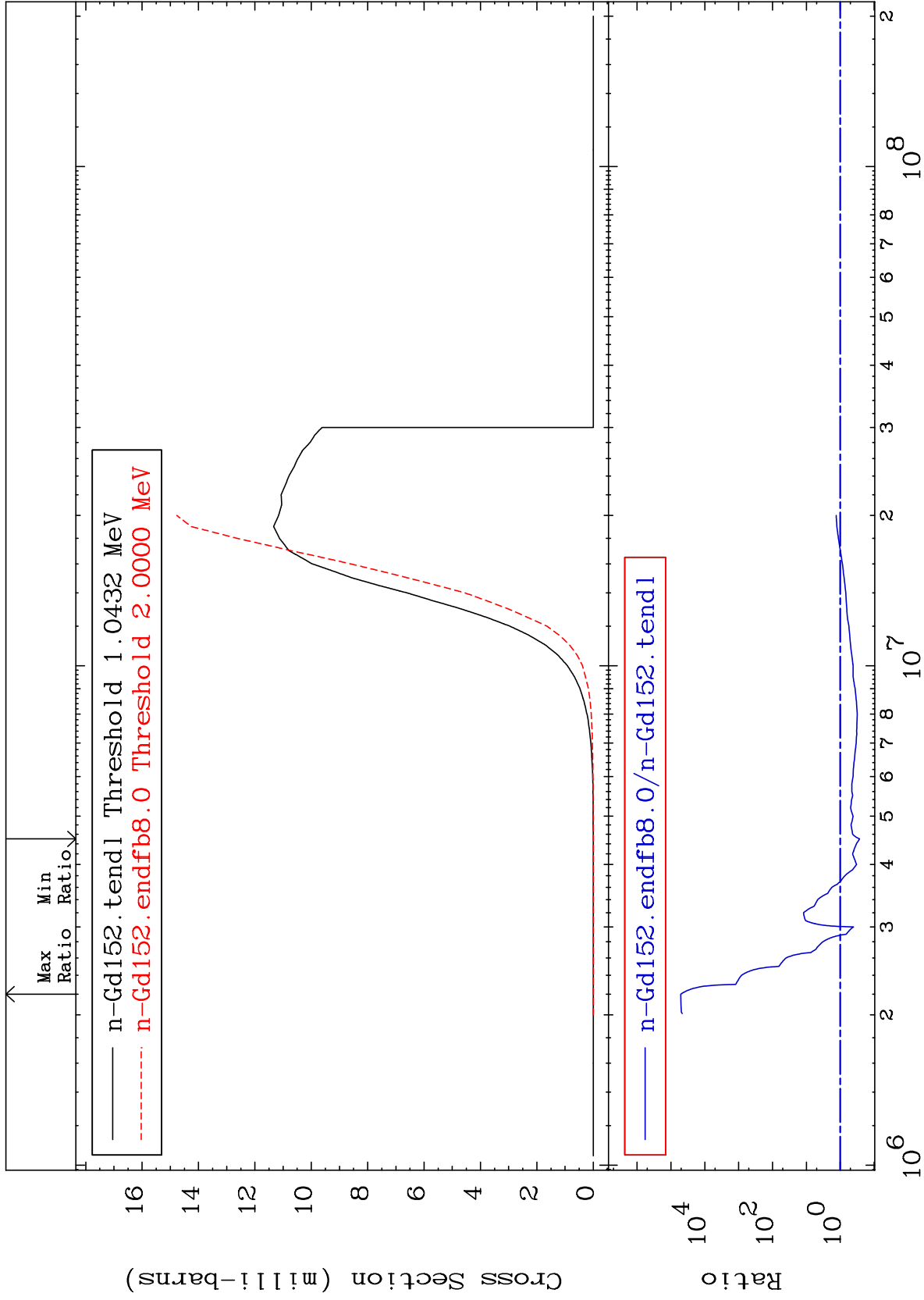
MAT 6425

(n, p)

64-Gd-152

Cross Section

-73.04 To 9999. %



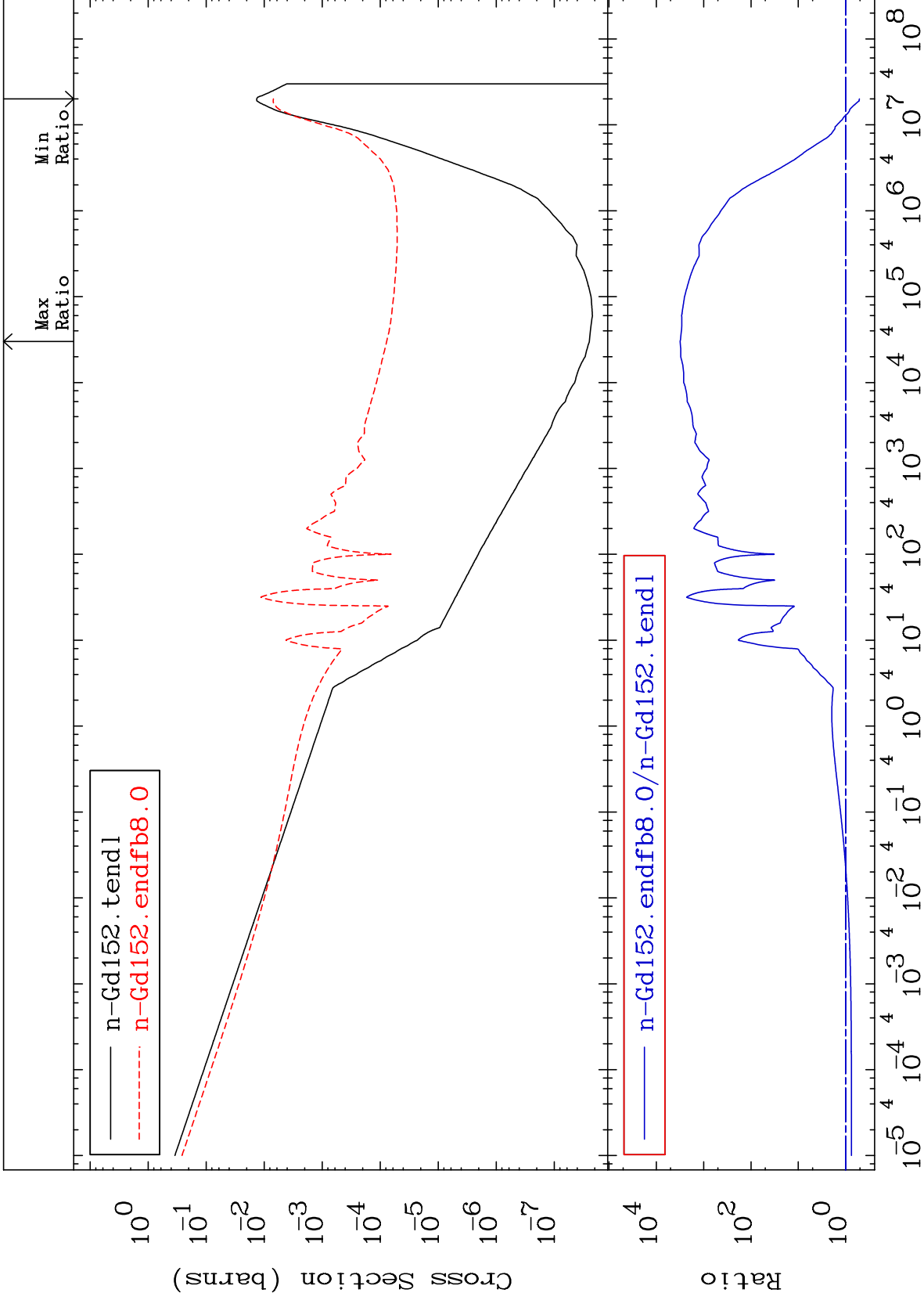
42

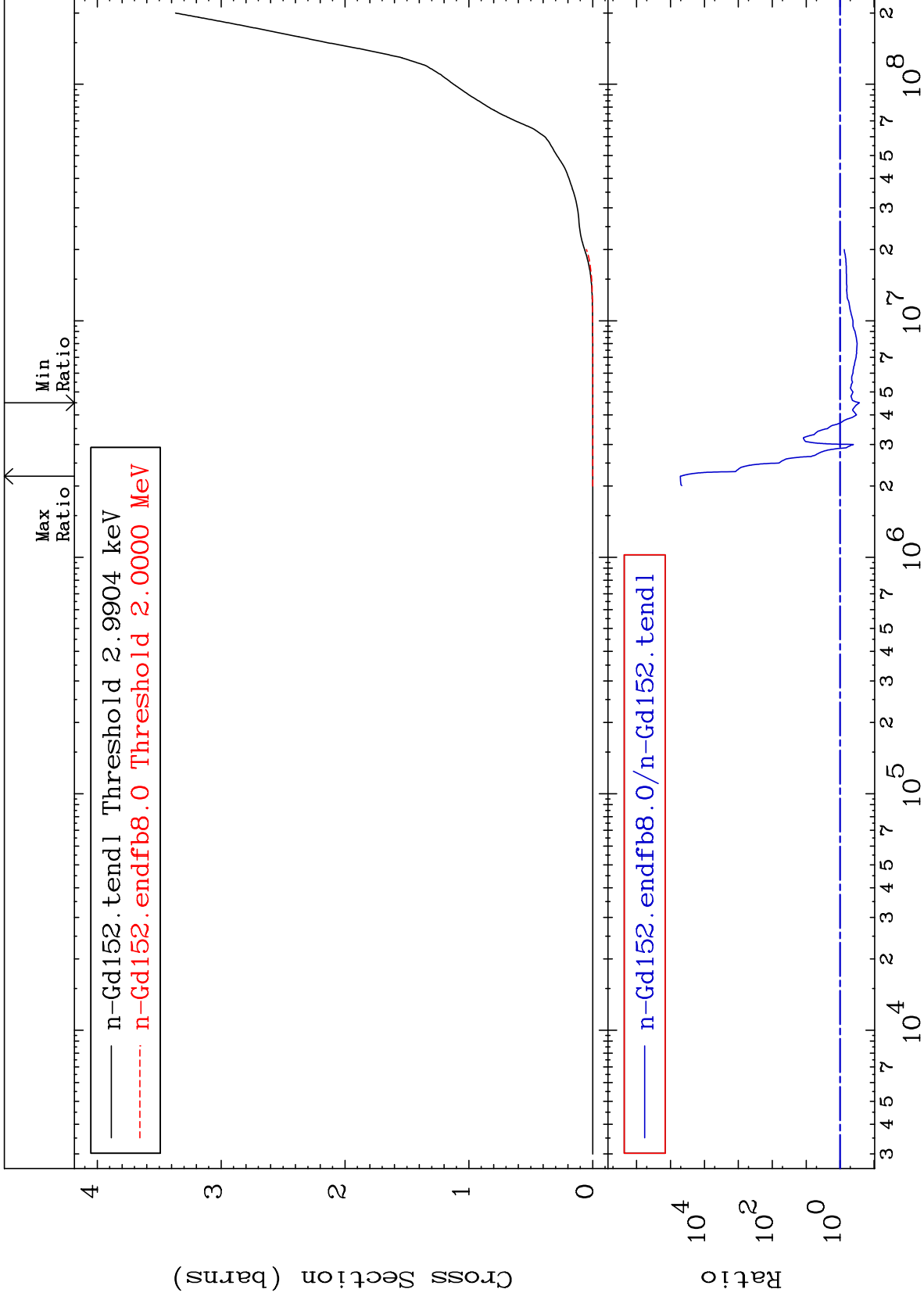
64-Gd-152

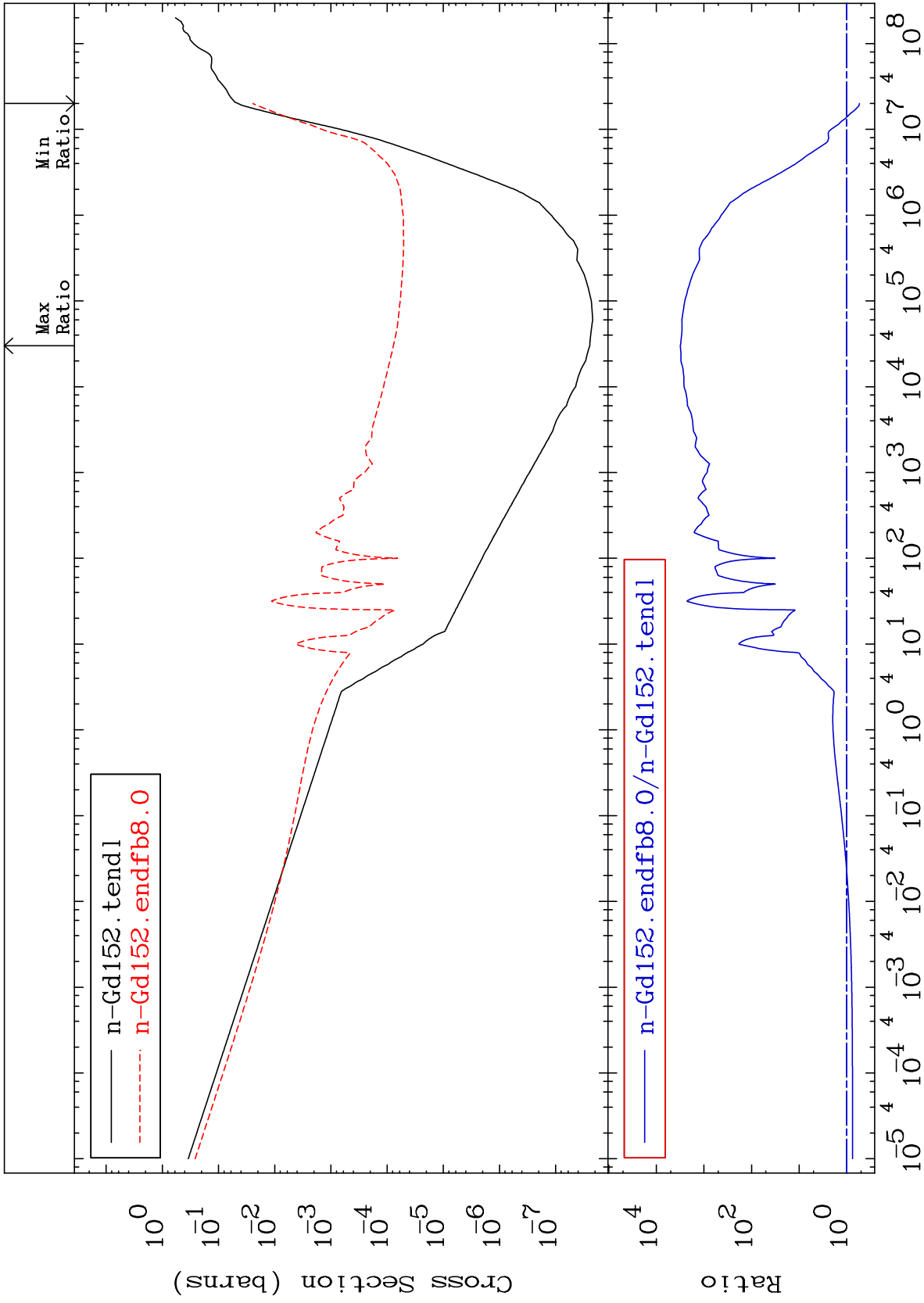
64-Gd-152

MAT 6425

(n,  $\alpha$ )  
Cross Section  
64-Gd-152  
-48.60 To 9999. %

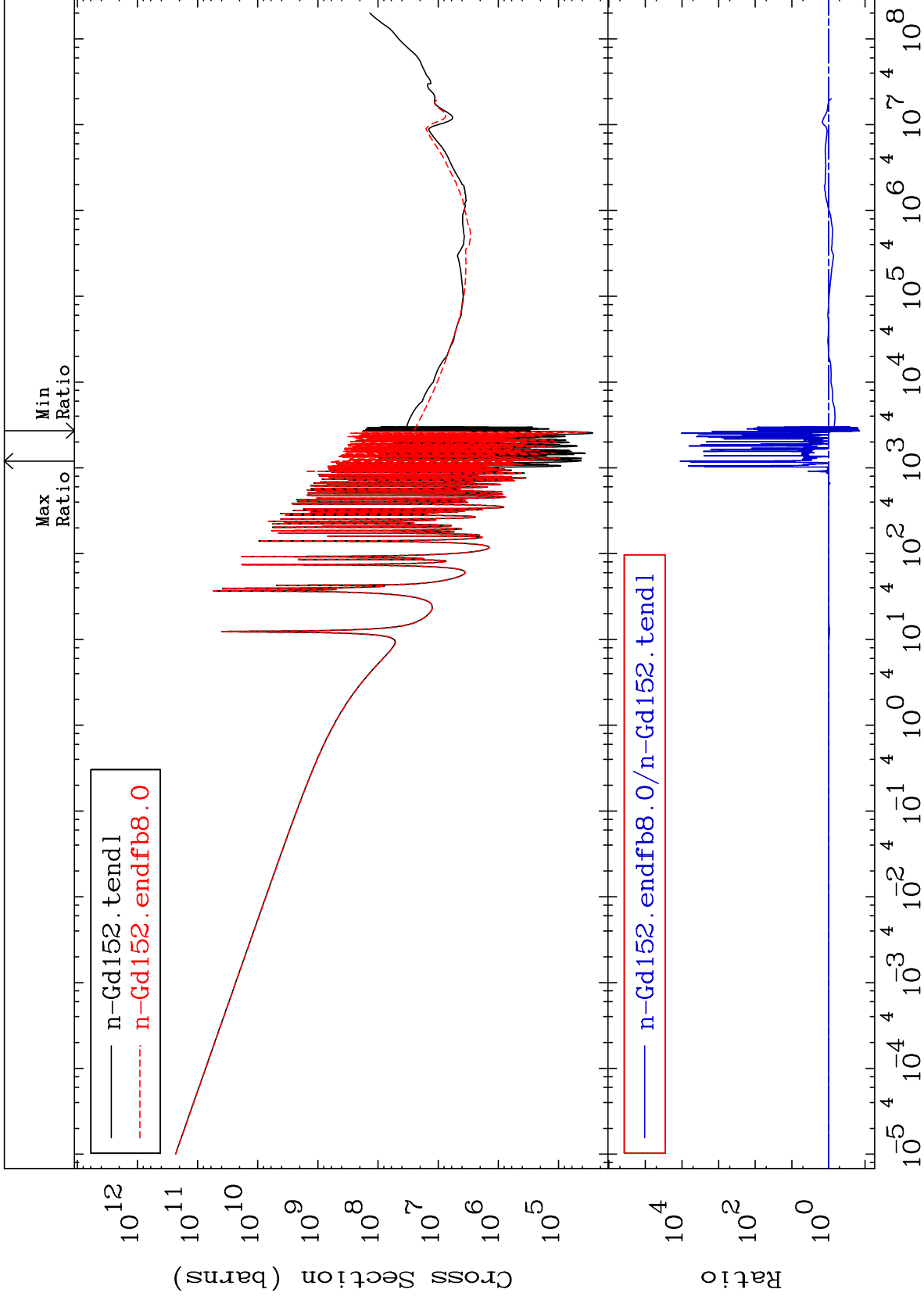


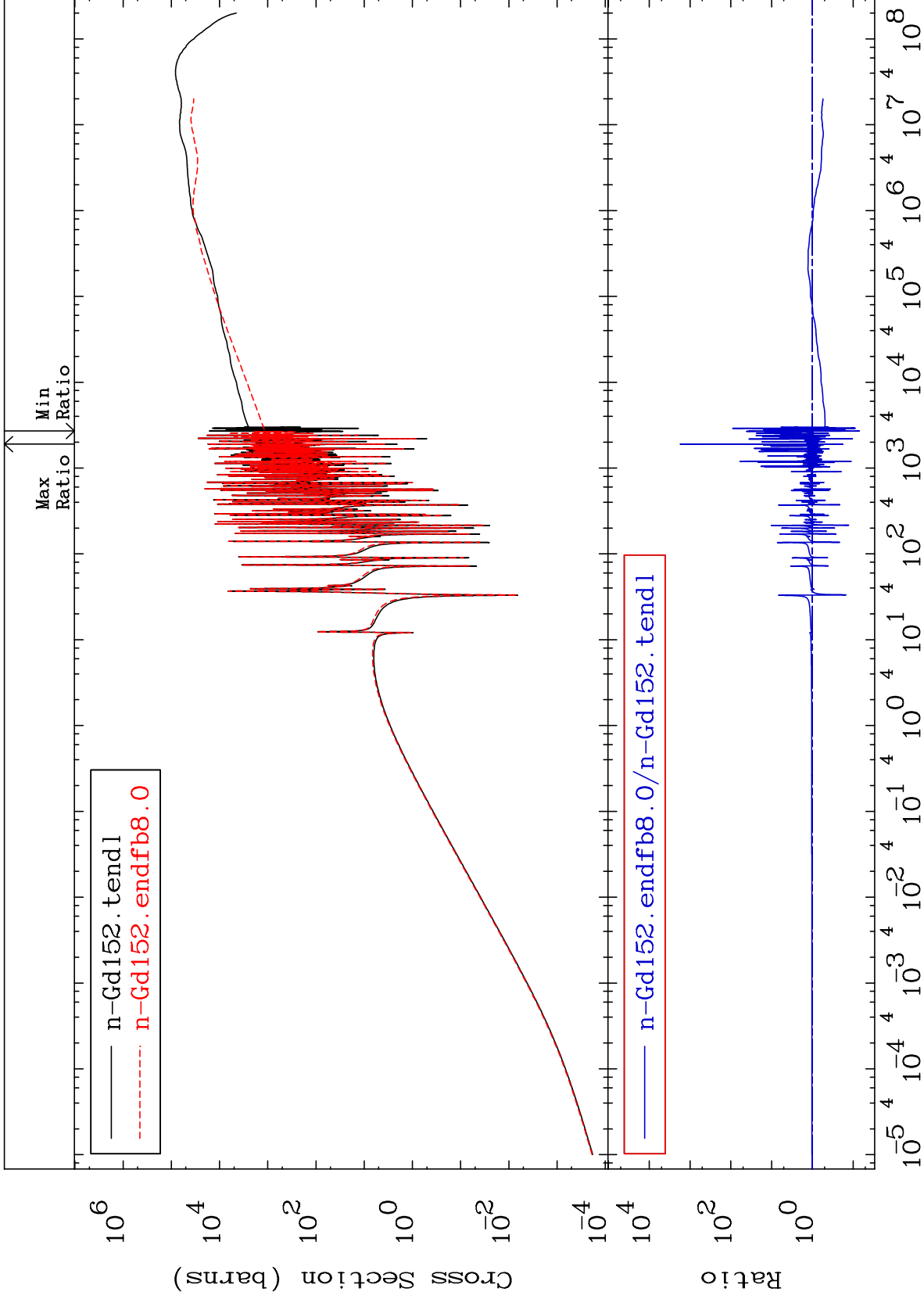


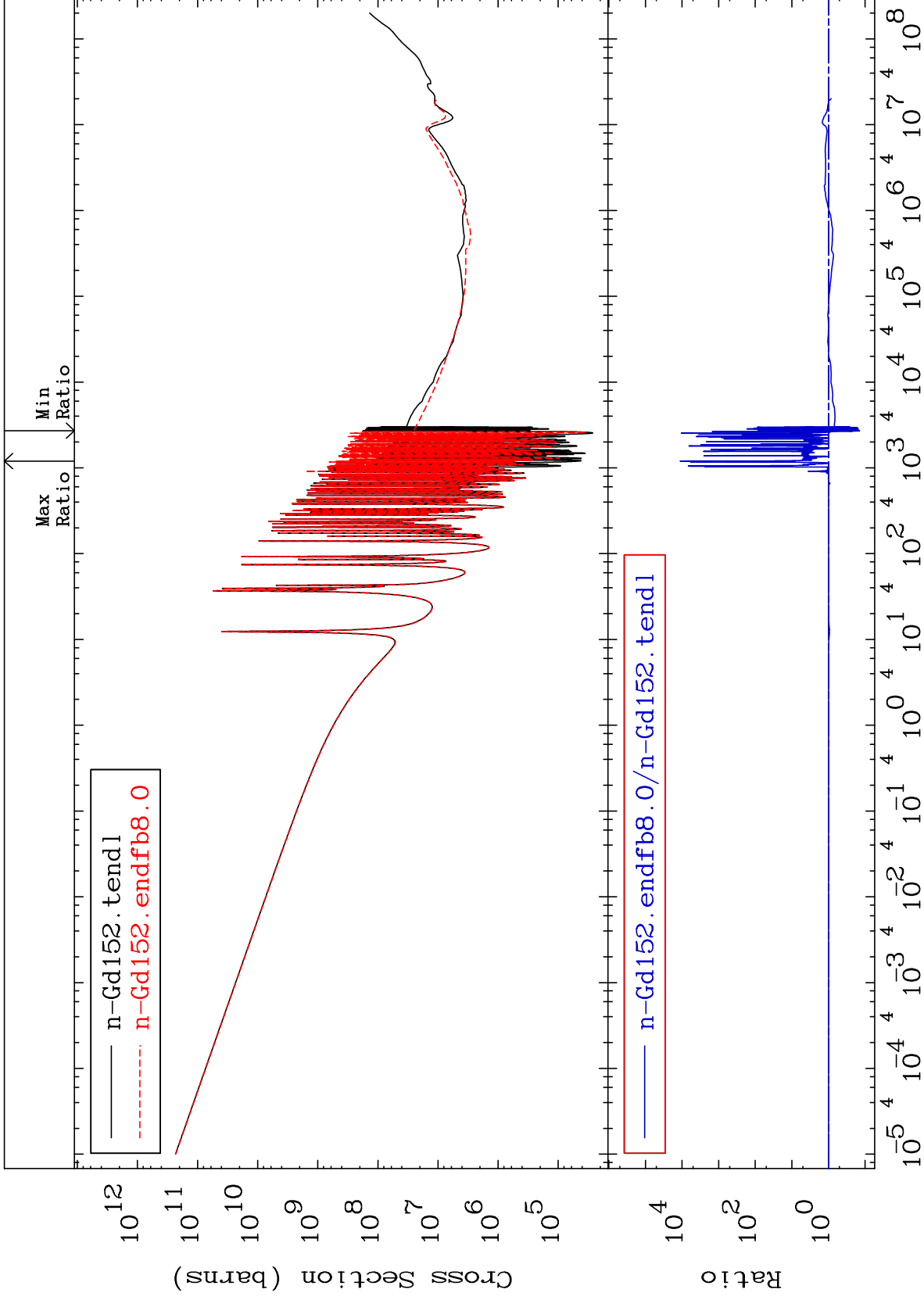


Cross Section

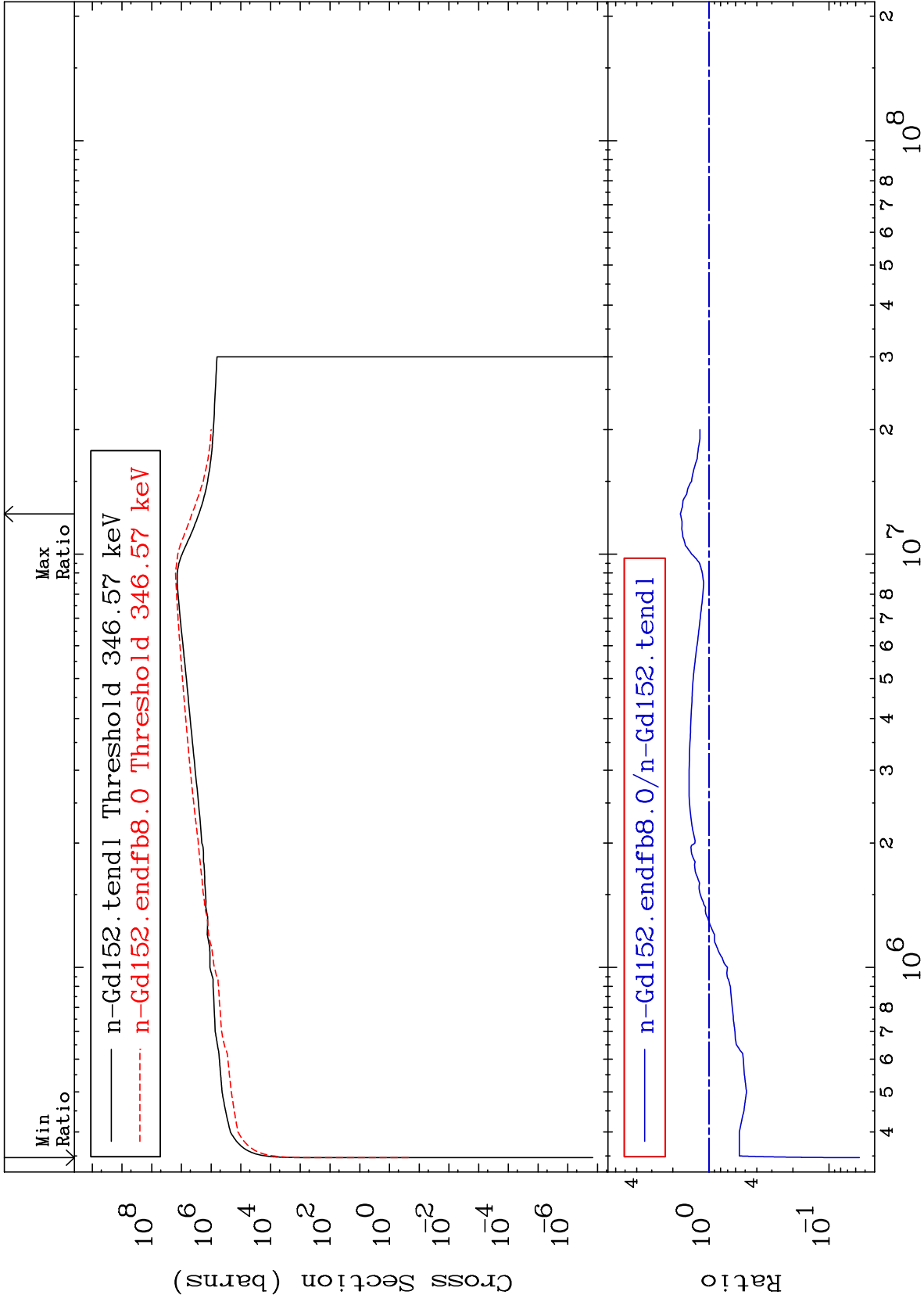
-85.73 To 9999. %







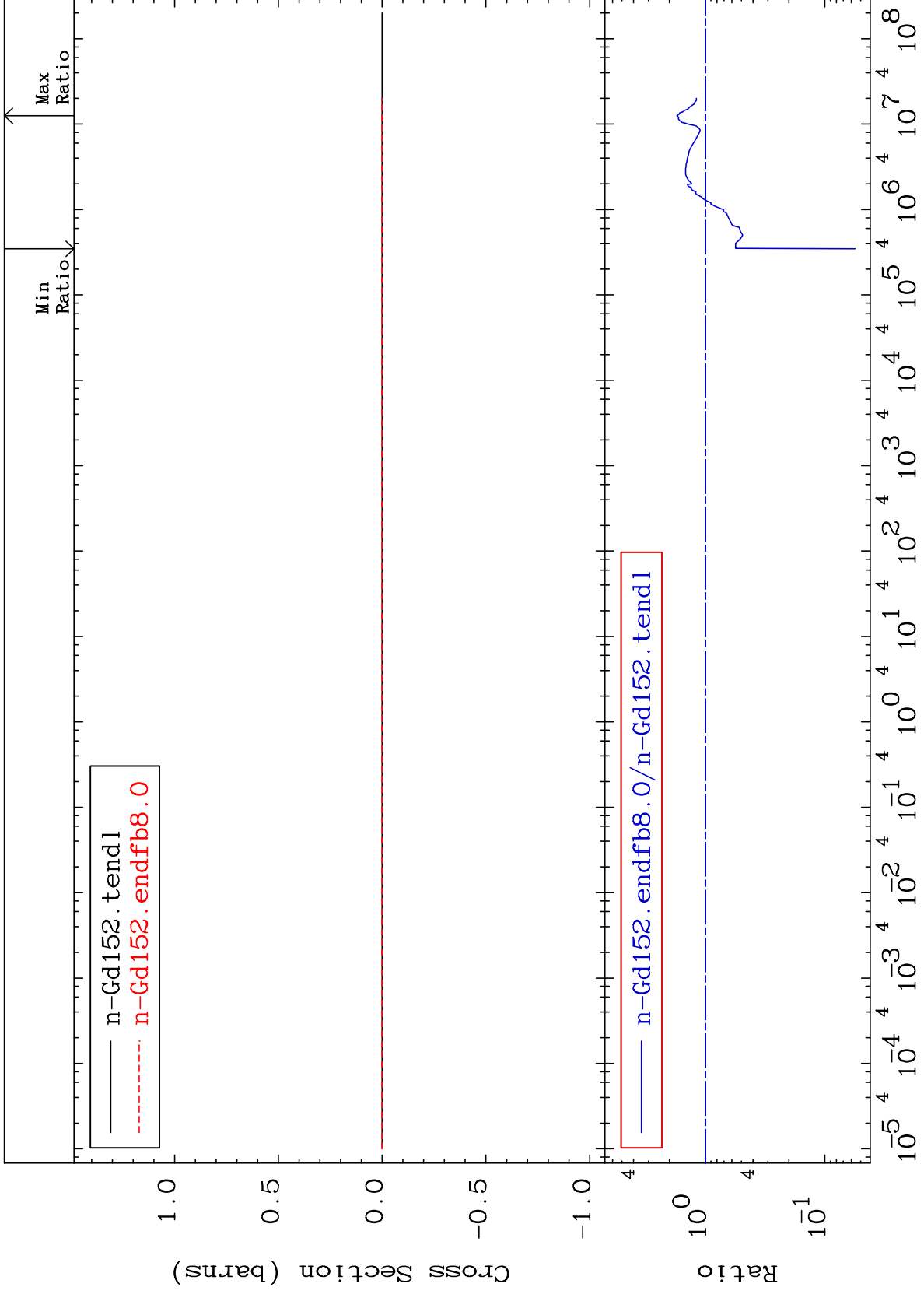


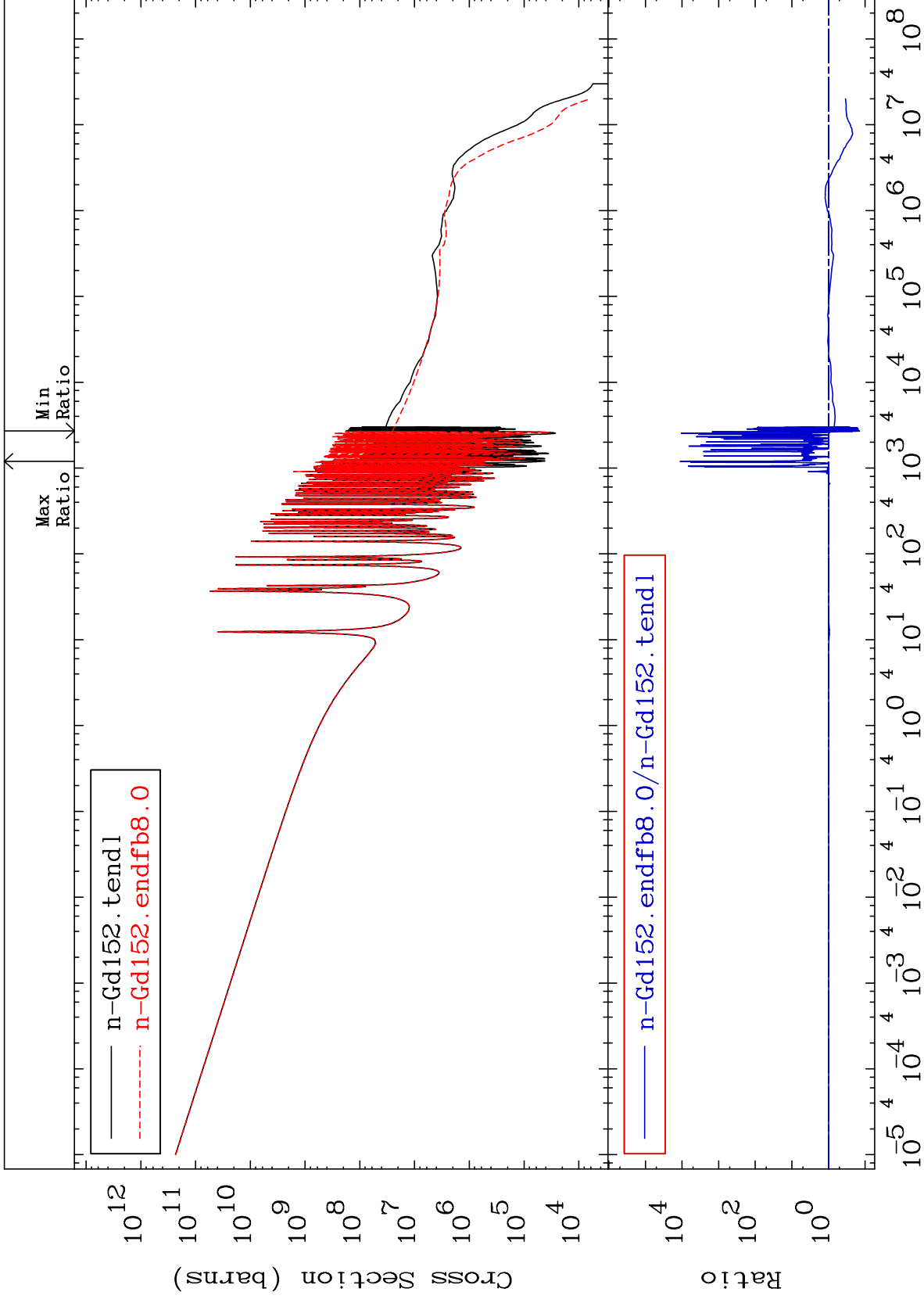


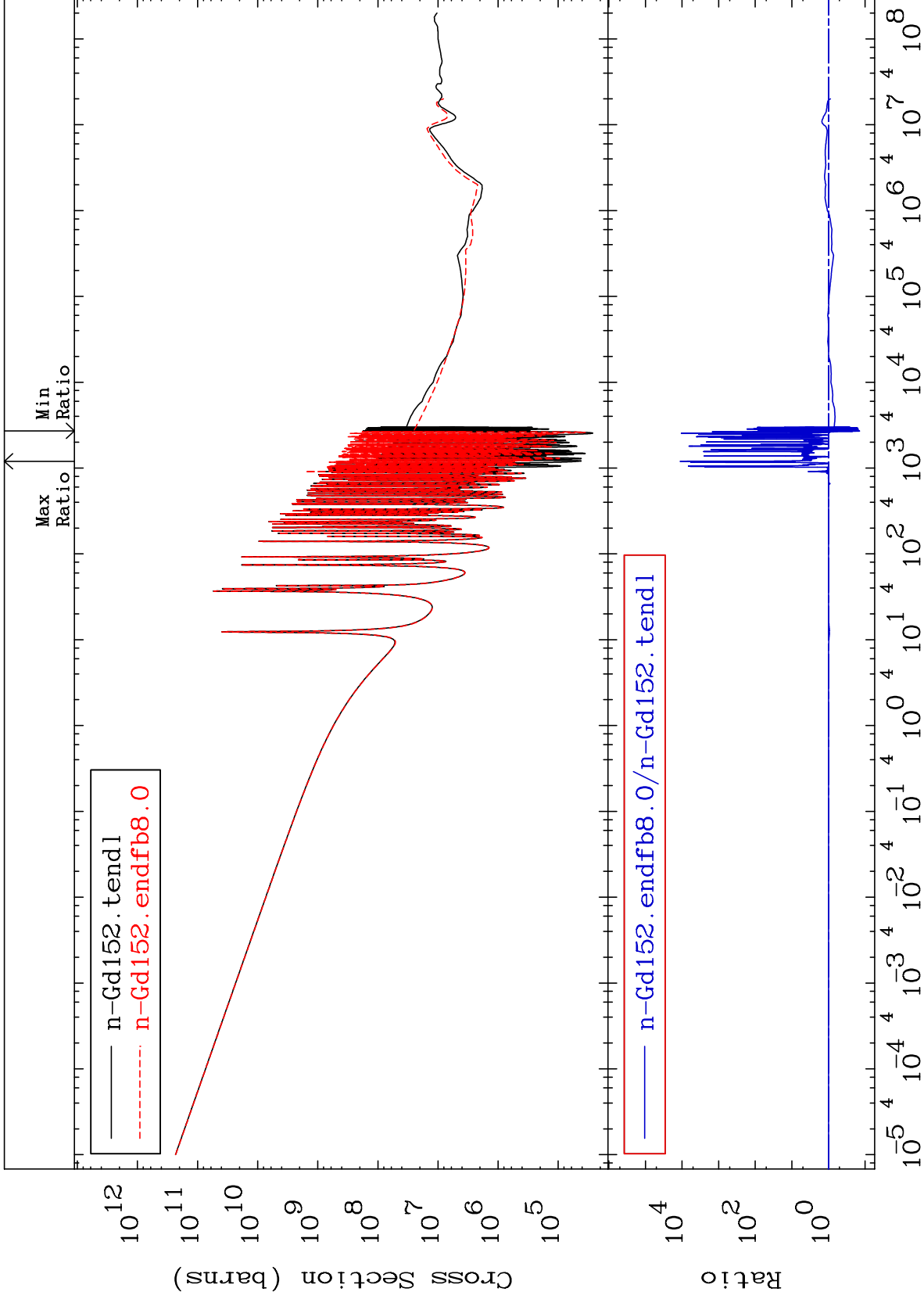
MAT 6425

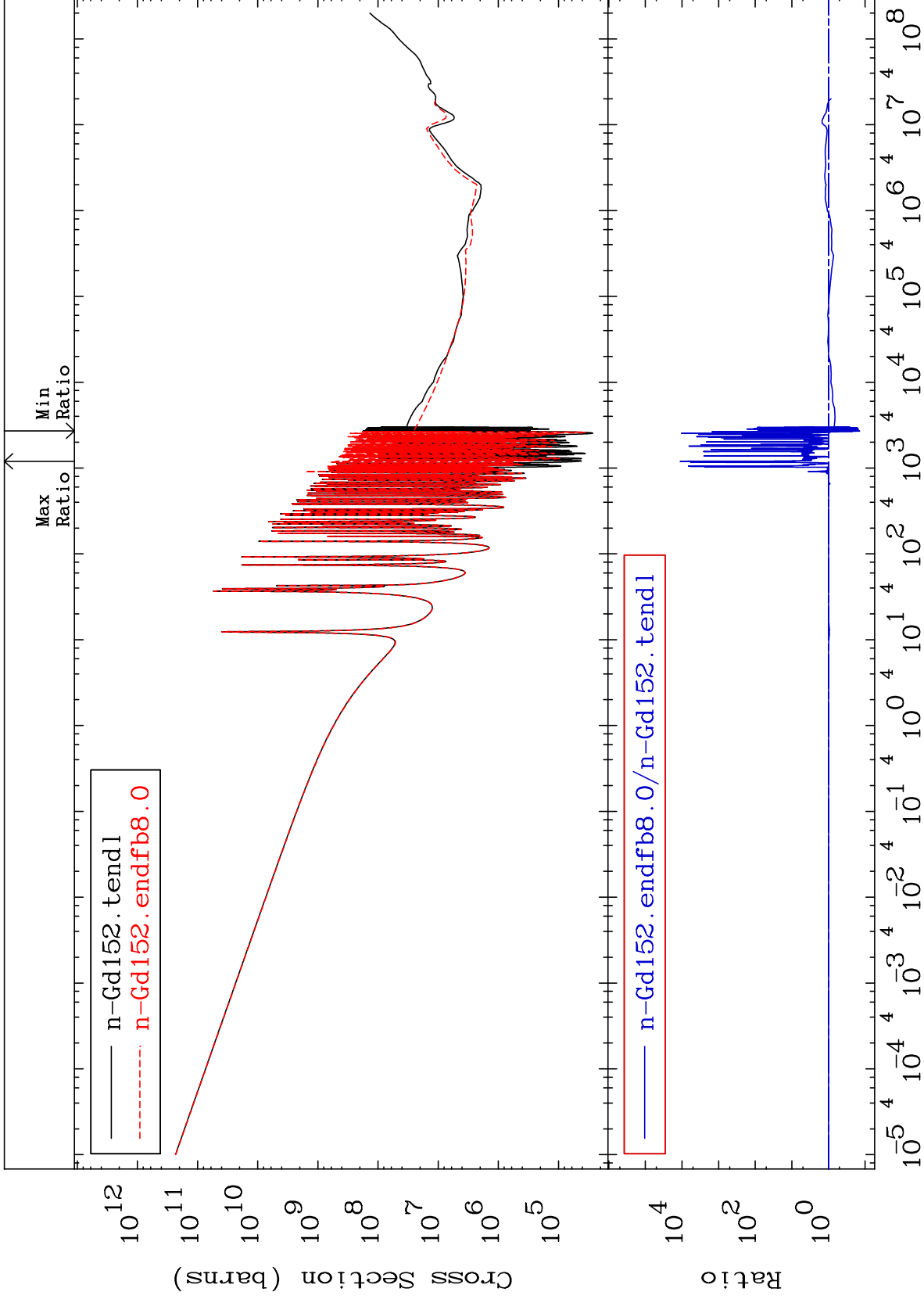
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

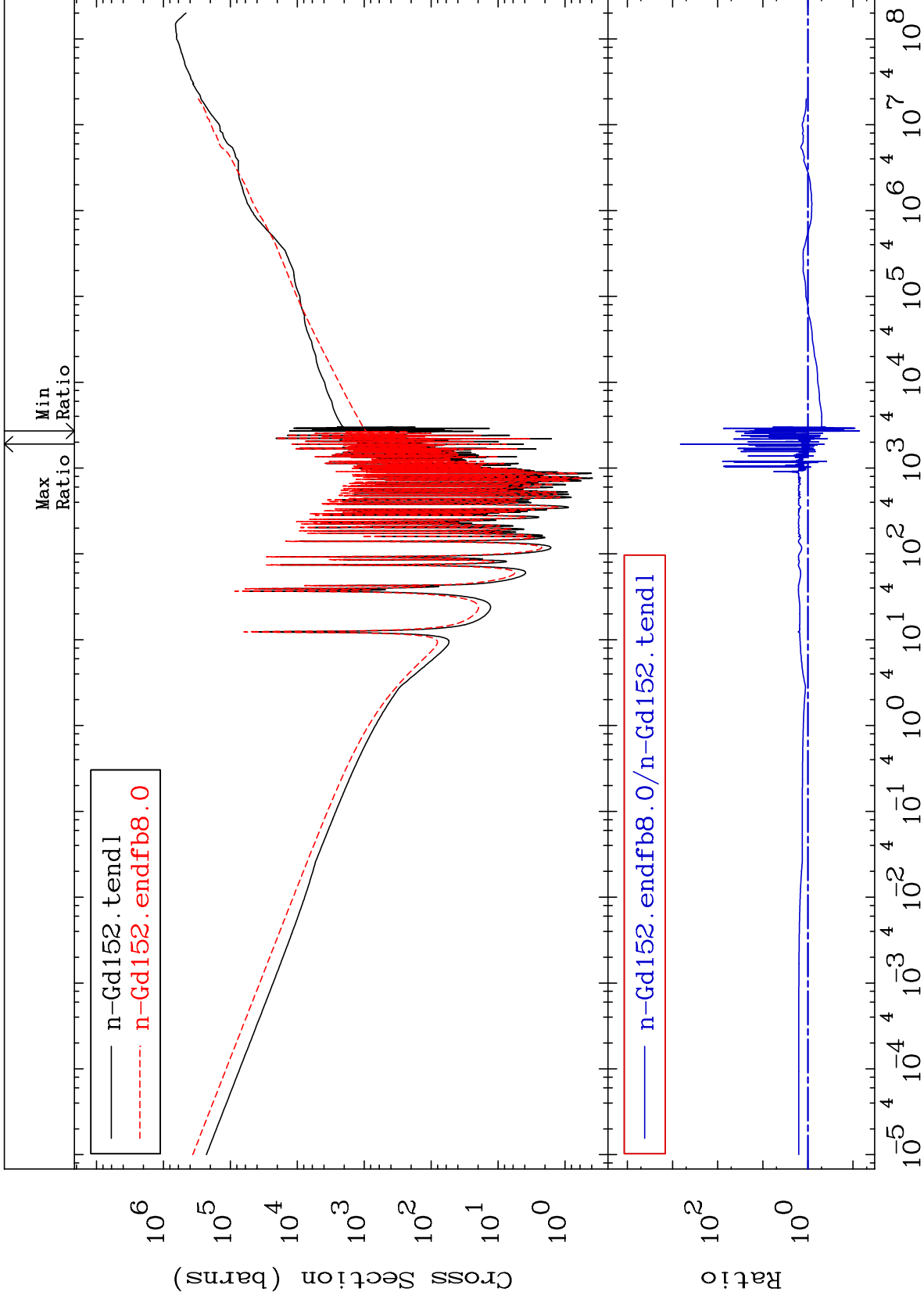
64-Gd-152  
-94.42 To 73.17 %







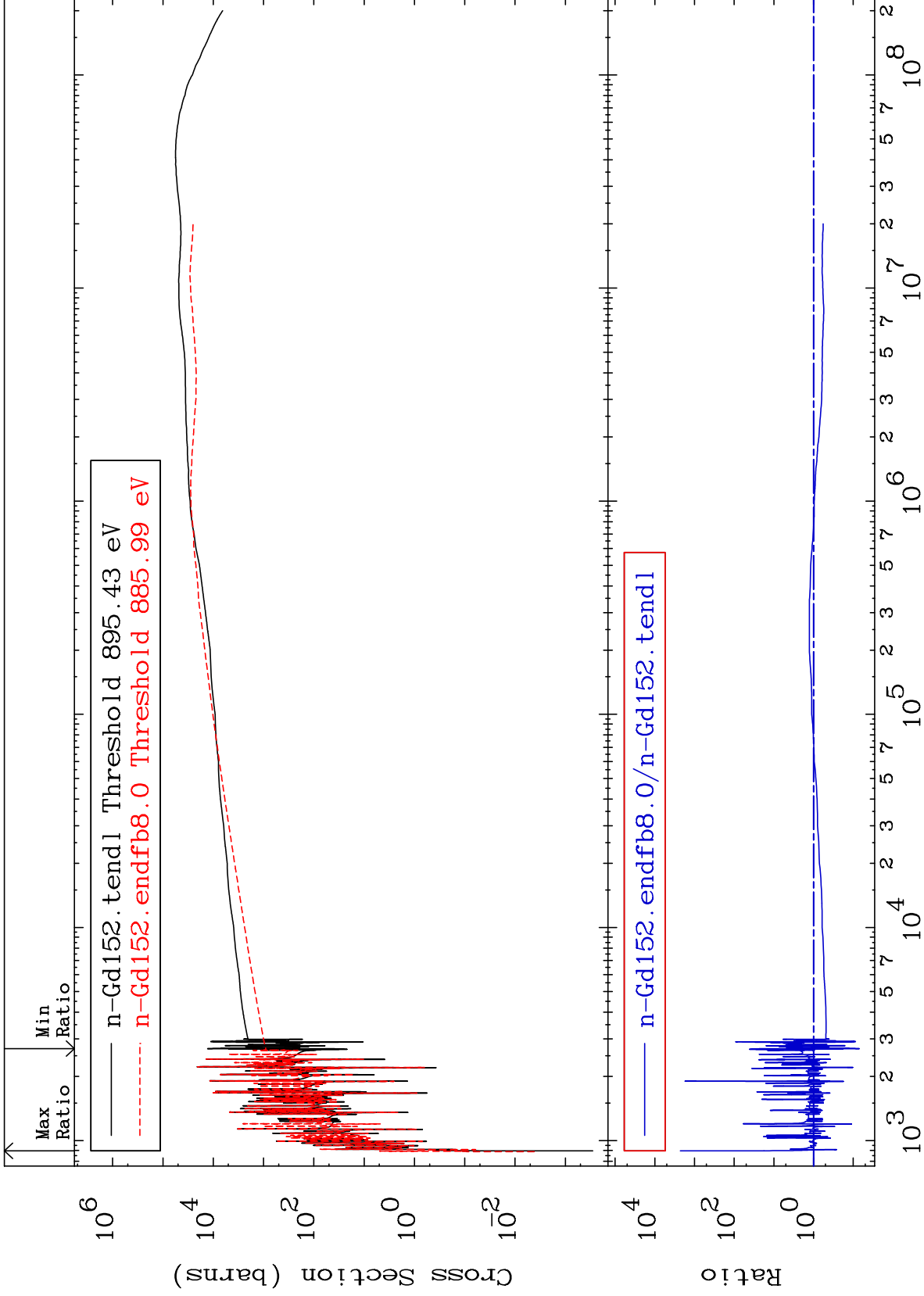




MAT 6425

Dpa elastic (mt2)  
Cross Section

64-Gd-152  
-93.01 To 9999. %



55

Incident Energy (eV)

64-Gd-152

