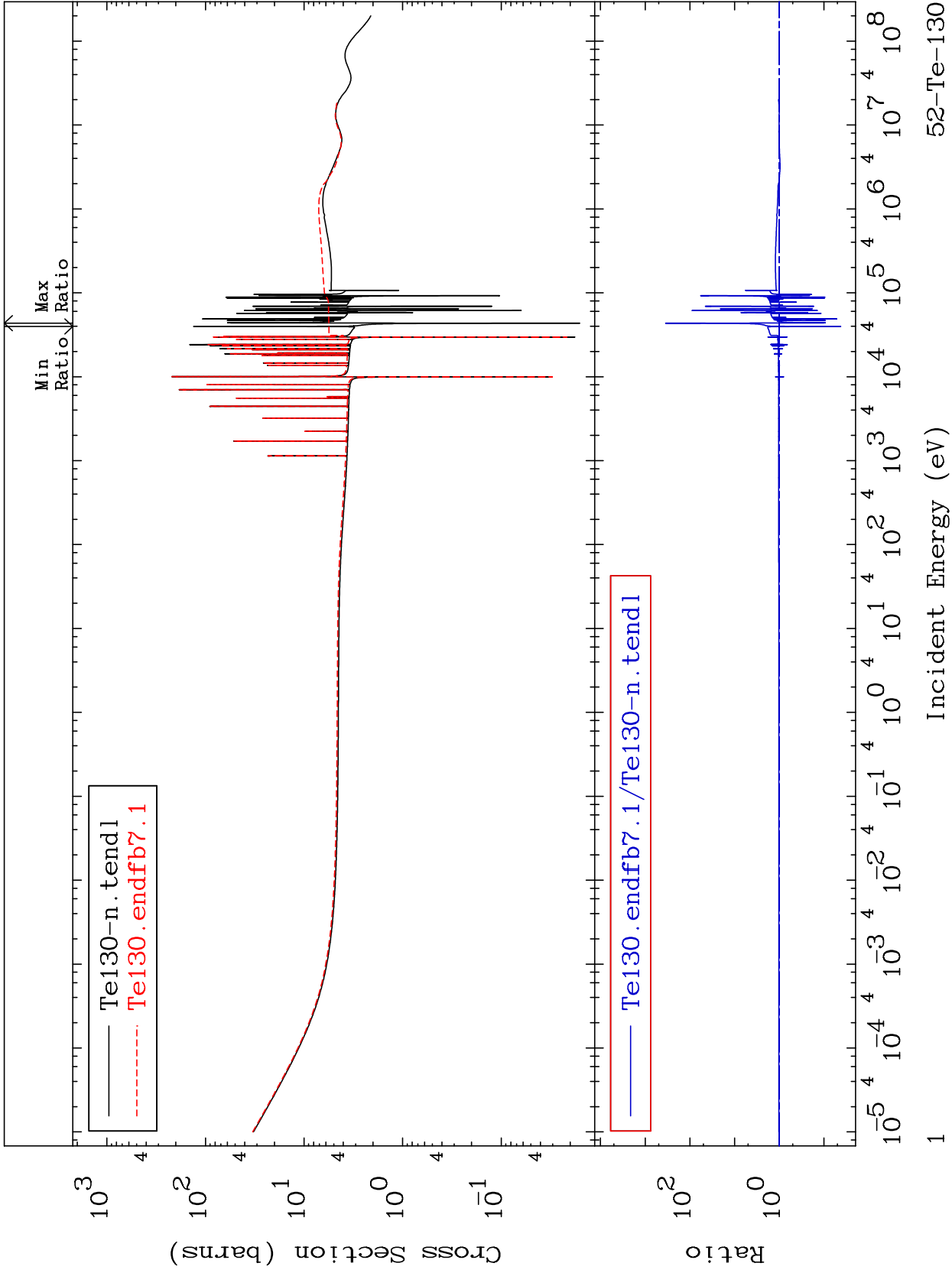


MAT 5255

Total  
Cross Section

52-Te-130  
-95.75 To 9999. %



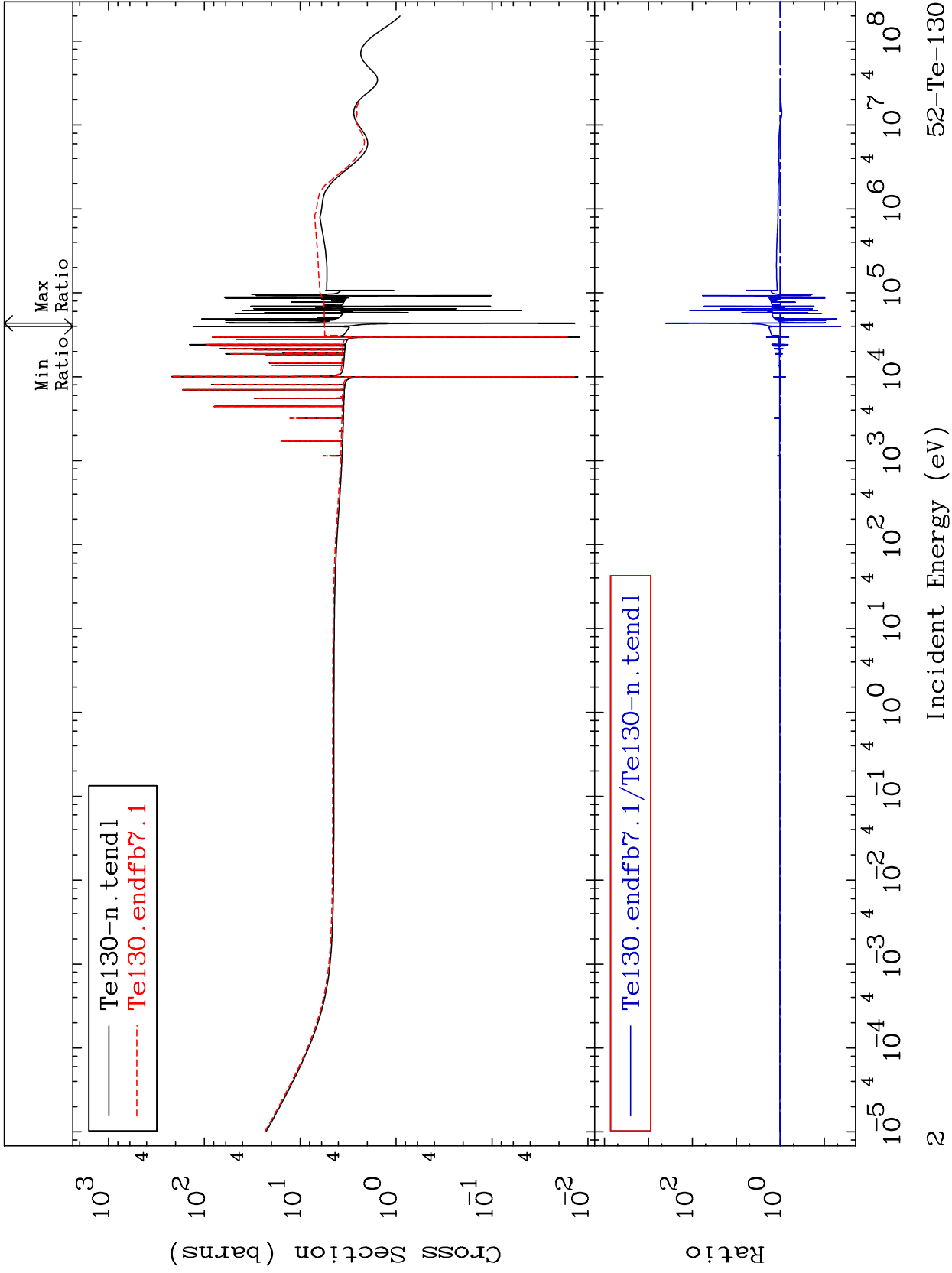
Incident Energy (eV)

52-Te-130

MAT 5255

Elastic  
Cross Section

52-Te-130  
-95.75 To 9999. %



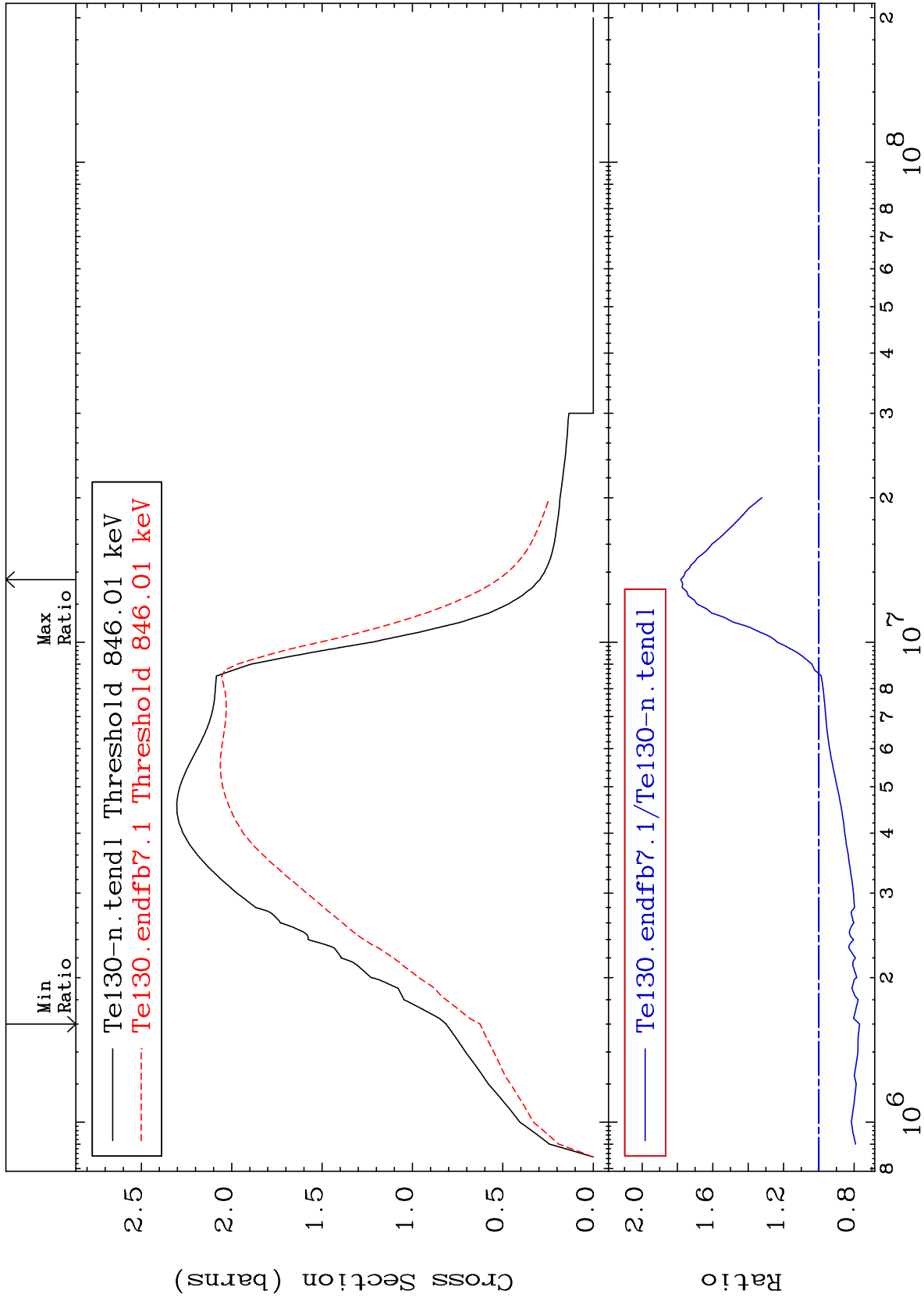
Incident Energy (eV)

52-Te-130

MAT 5255

Inelastic  
Cross Section

52-Te-130  
-23.04 To 78.13 %



Incident Energy (eV)

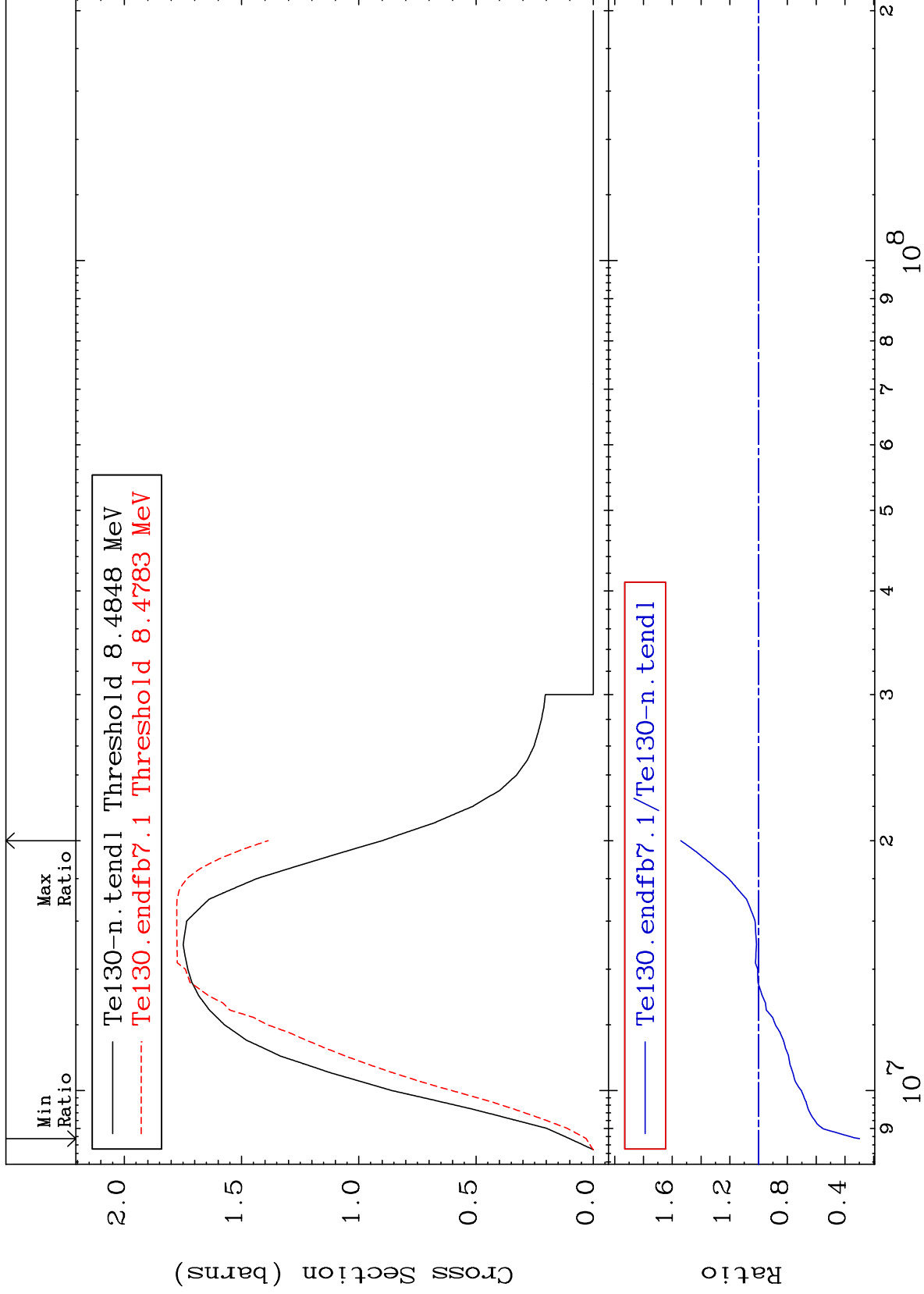
52-Te-130

3

MAT 5255

(n,2n)  
Cross Section

52-Te-130  
-70.15 To 54.09 %



4

Incident Energy (eV)

52-Te-130

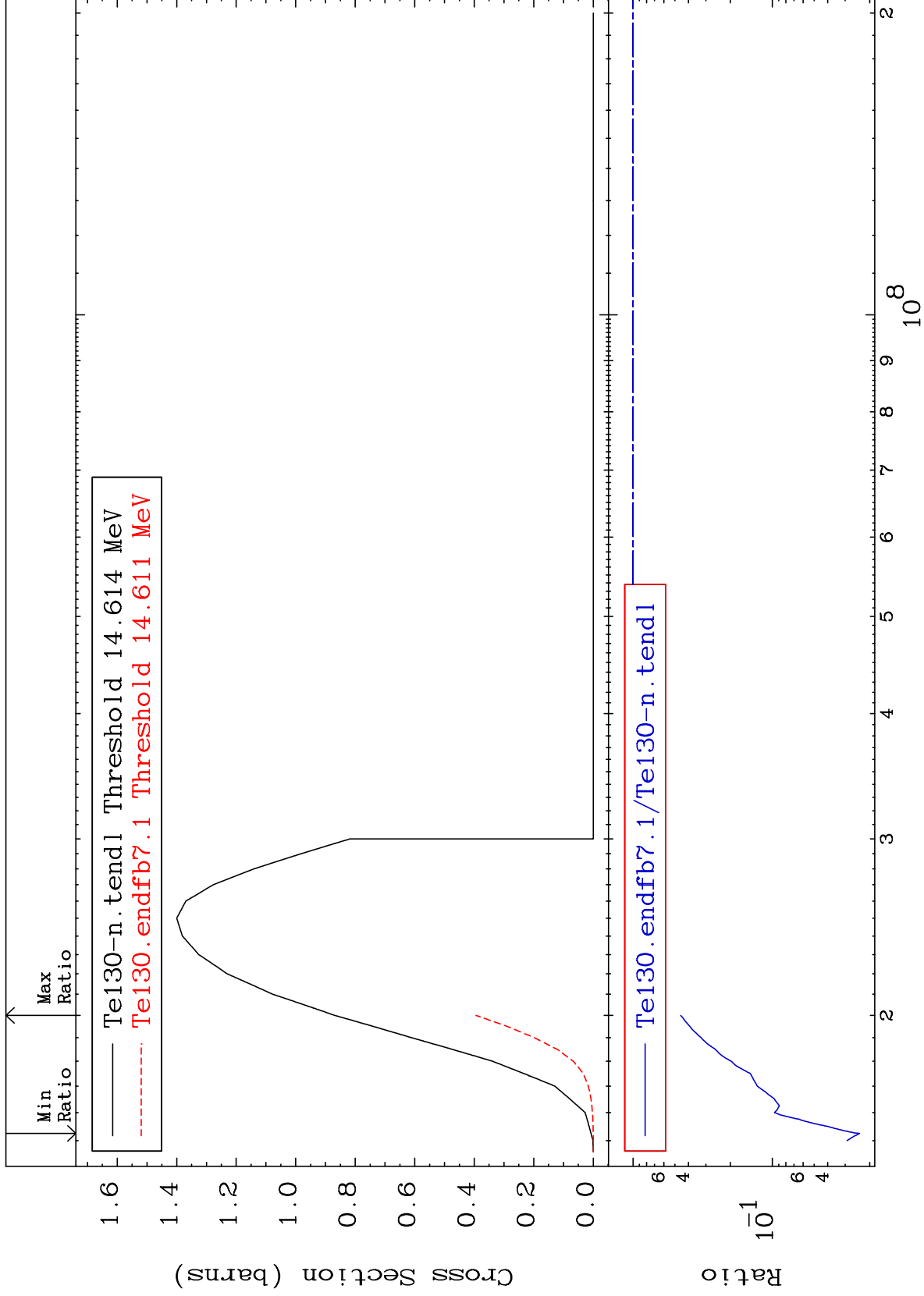
MAT 5255

(n,3n)

52-Te-130

Cross Section

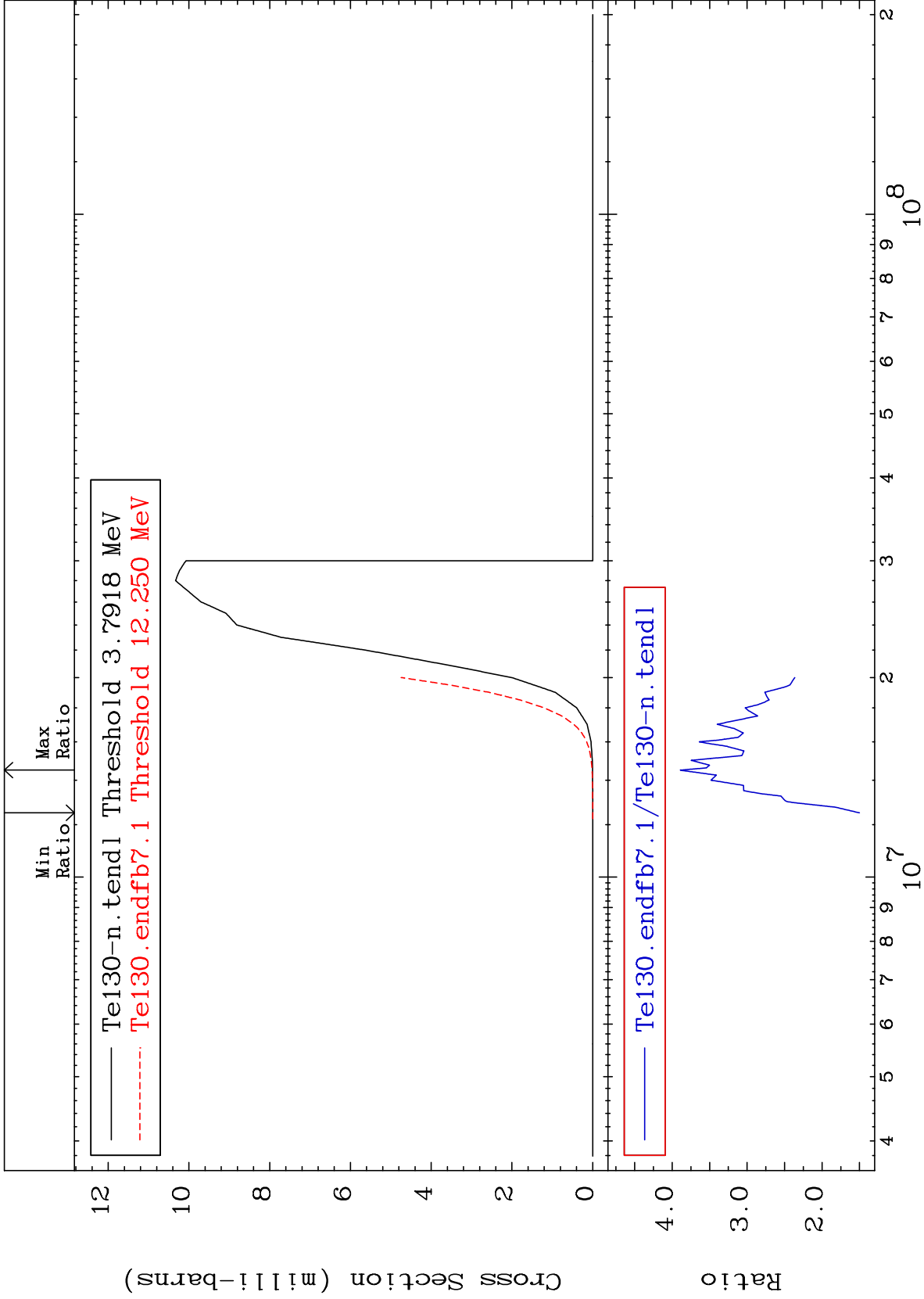
-97.64 To -54.60%



MAT 5255

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

52-Te-130  
To 289.0 %  
50.10



6

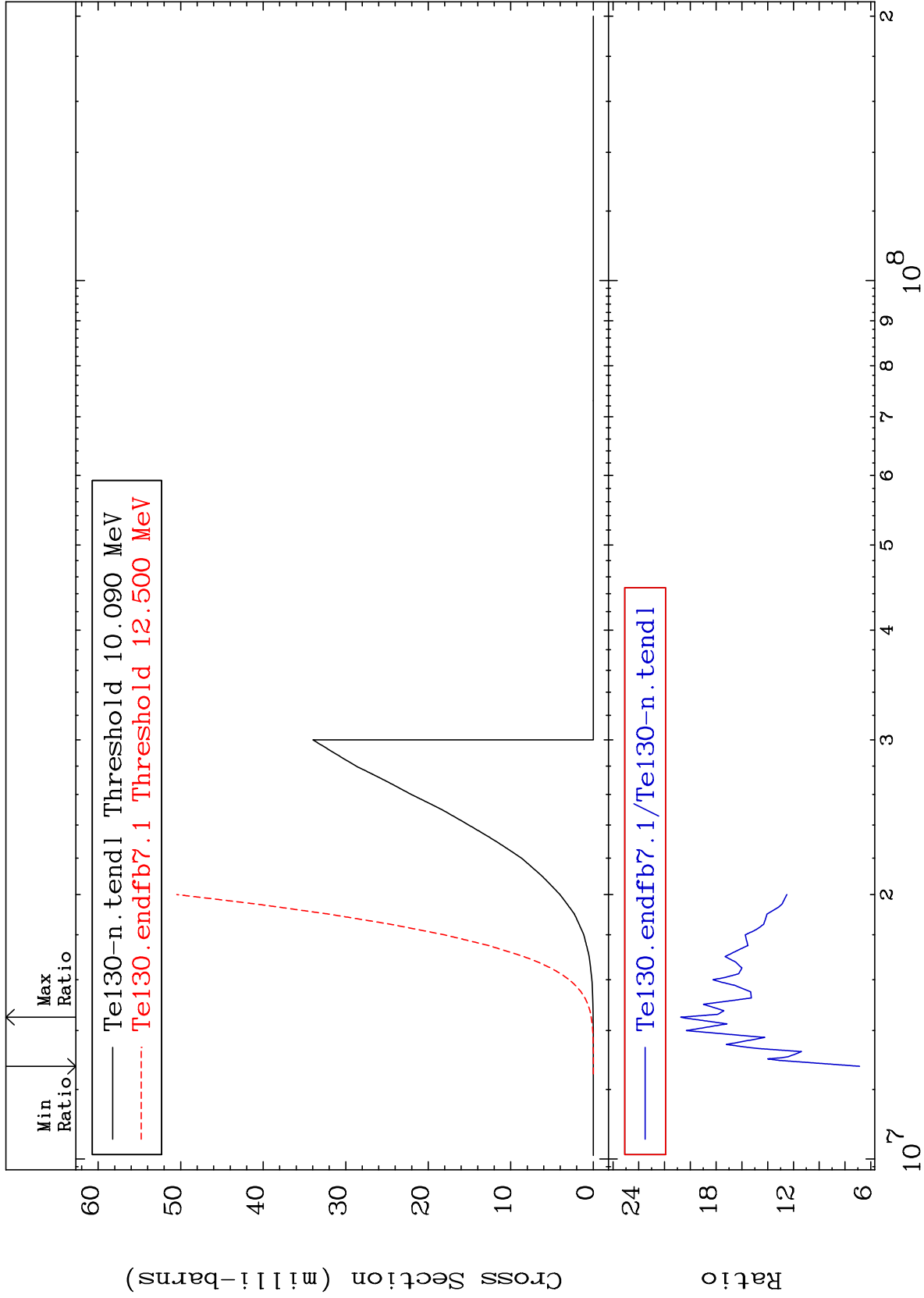
52-Te-130

52-Te-130

MAT 5255

(n,n') p  
Cross Section

52-Te-130  
587.3 To 1974. %



52-Te-130

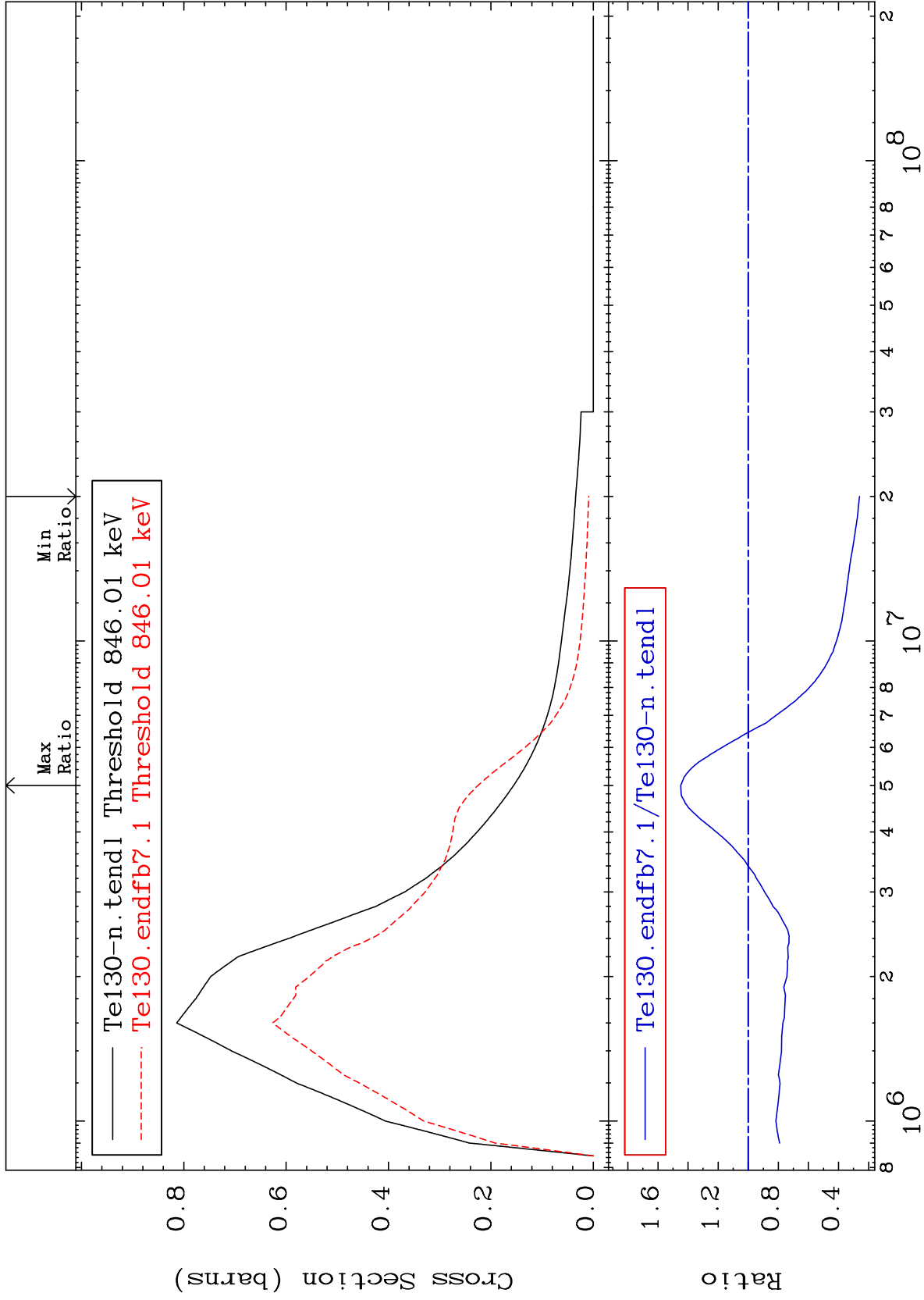
MAT 5255

839.5 keV (n,n') Level

52-Te-130

-73.98 To 44.84 %

Cross Section



Incident Energy (eV)

52-Te-130

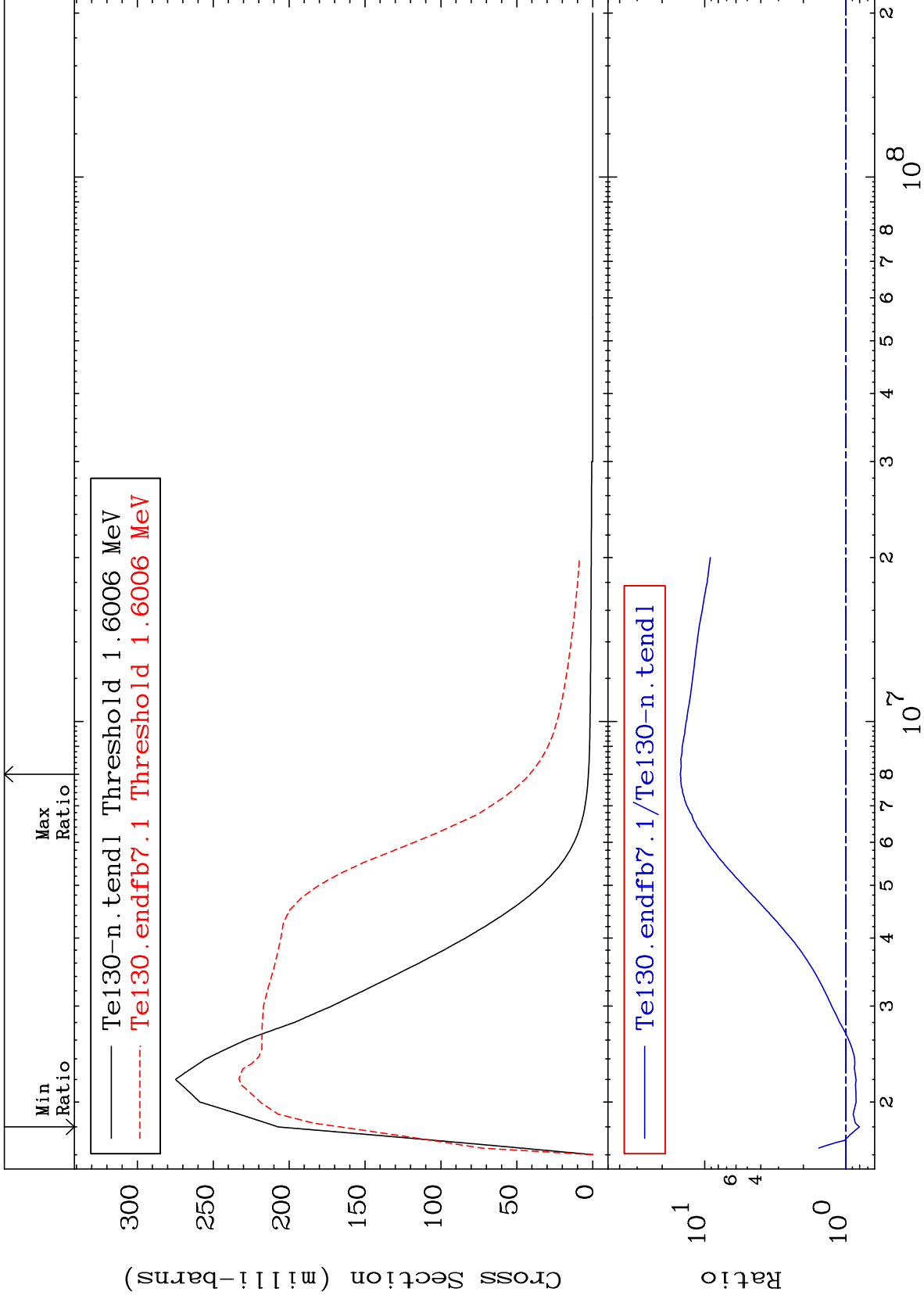
8



MAT 5255

1.588 MeV (n,n') Level  
Cross Section

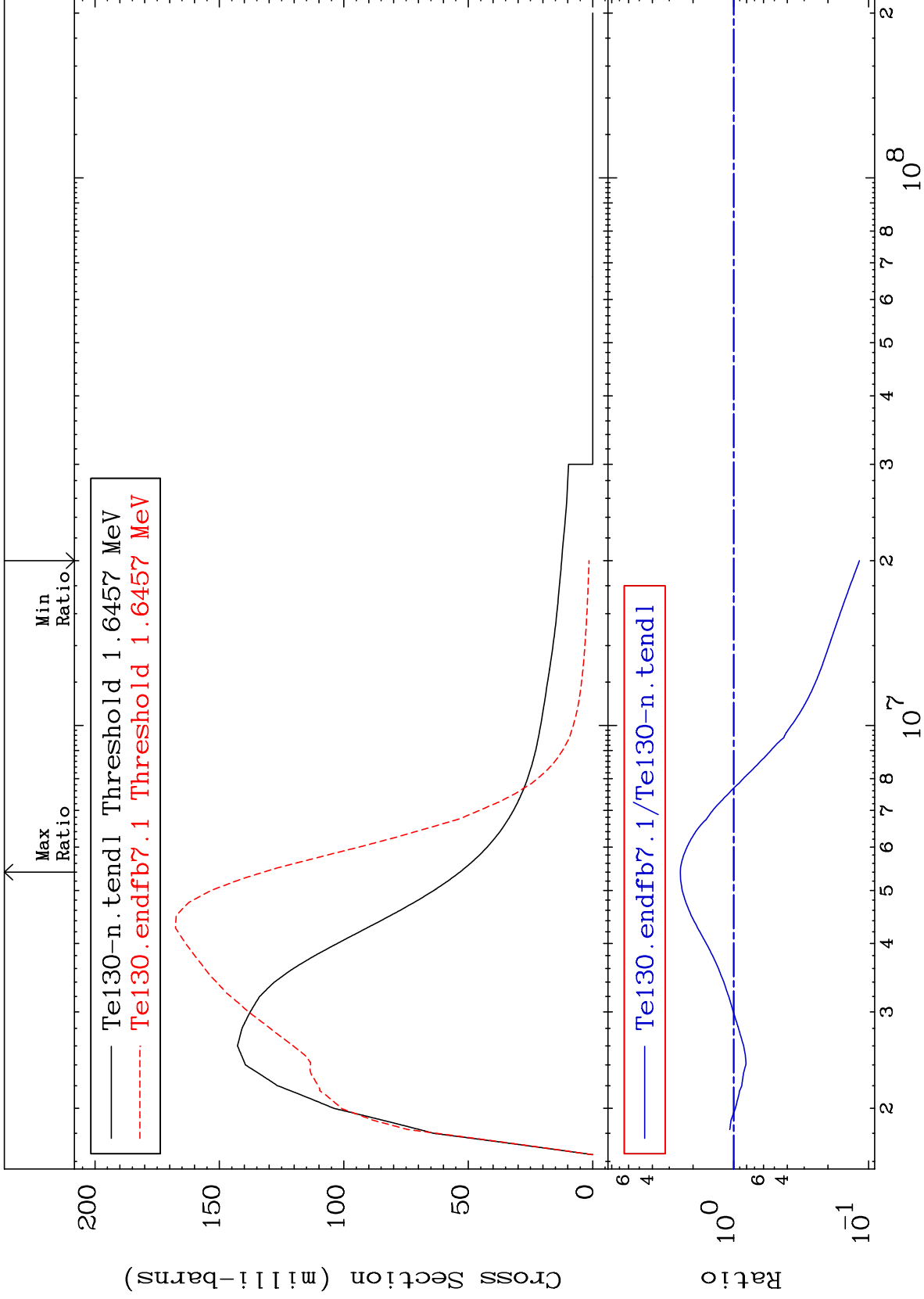
52-Te-130  
-19.74 To 1385. %



MAT 5255

1.633 MeV (n,n') Level  
Cross Section

52-Te-130  
-88.30 To 147.9 %



10

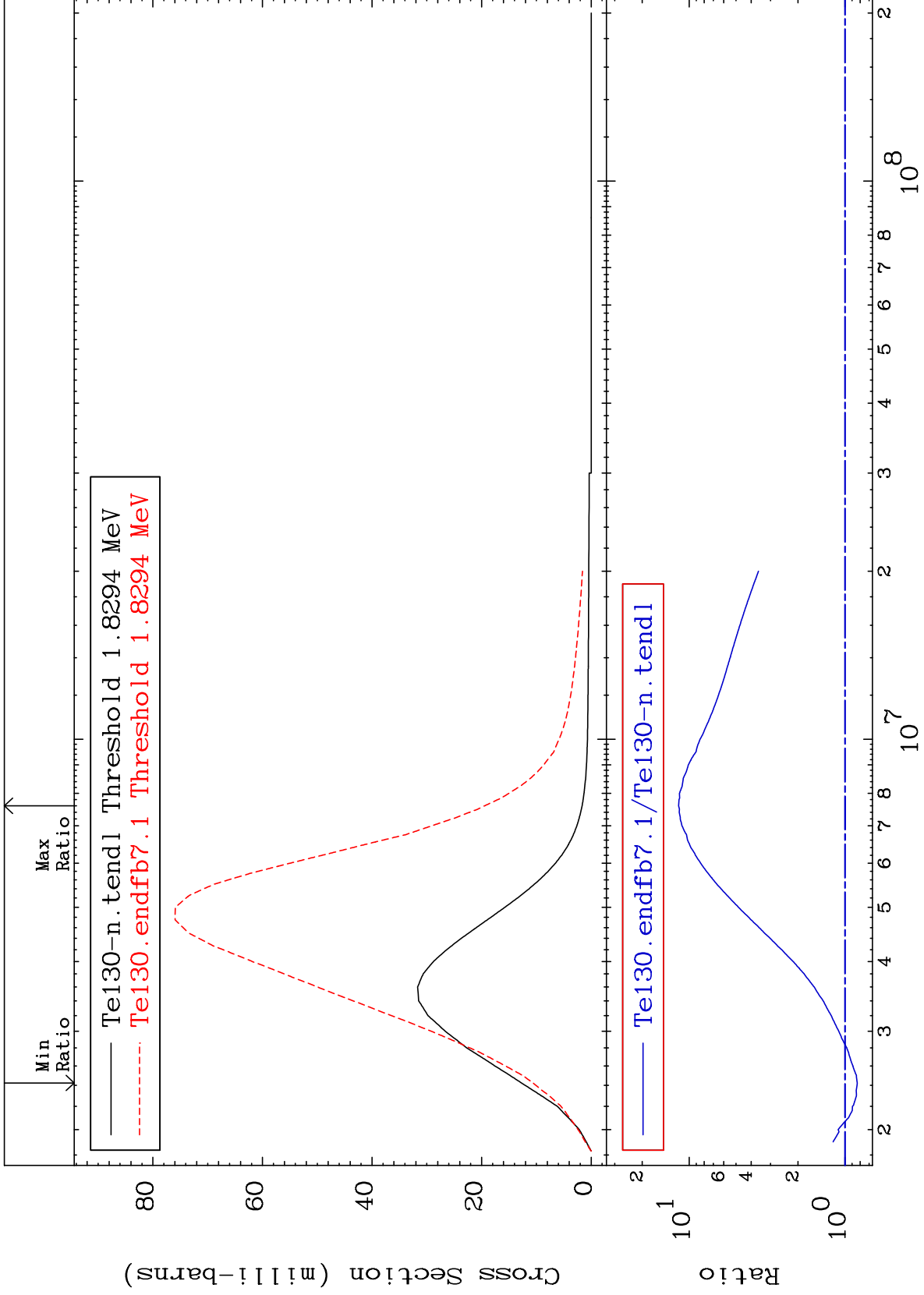
Incident Energy (eV)

52-Te-130

MAT 5255

1.815 MeV (n,n') Level  
Cross Section

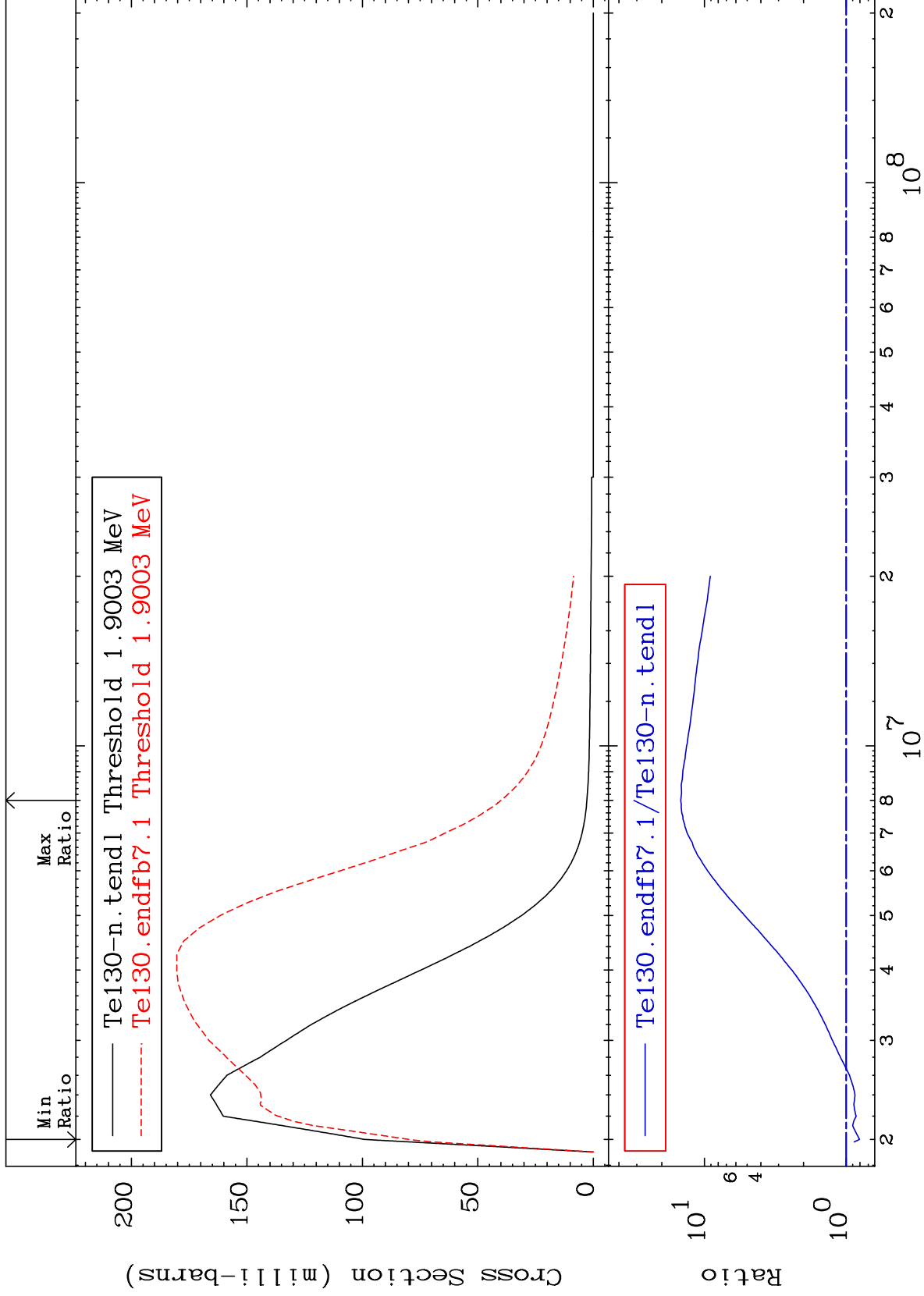
52-Te-130  
-16.61 To 1067. %



MAT 5255

1.886 MeV (n,n') Level  
Cross Section

52-Te-130  
-19.37 To 1367. %



12

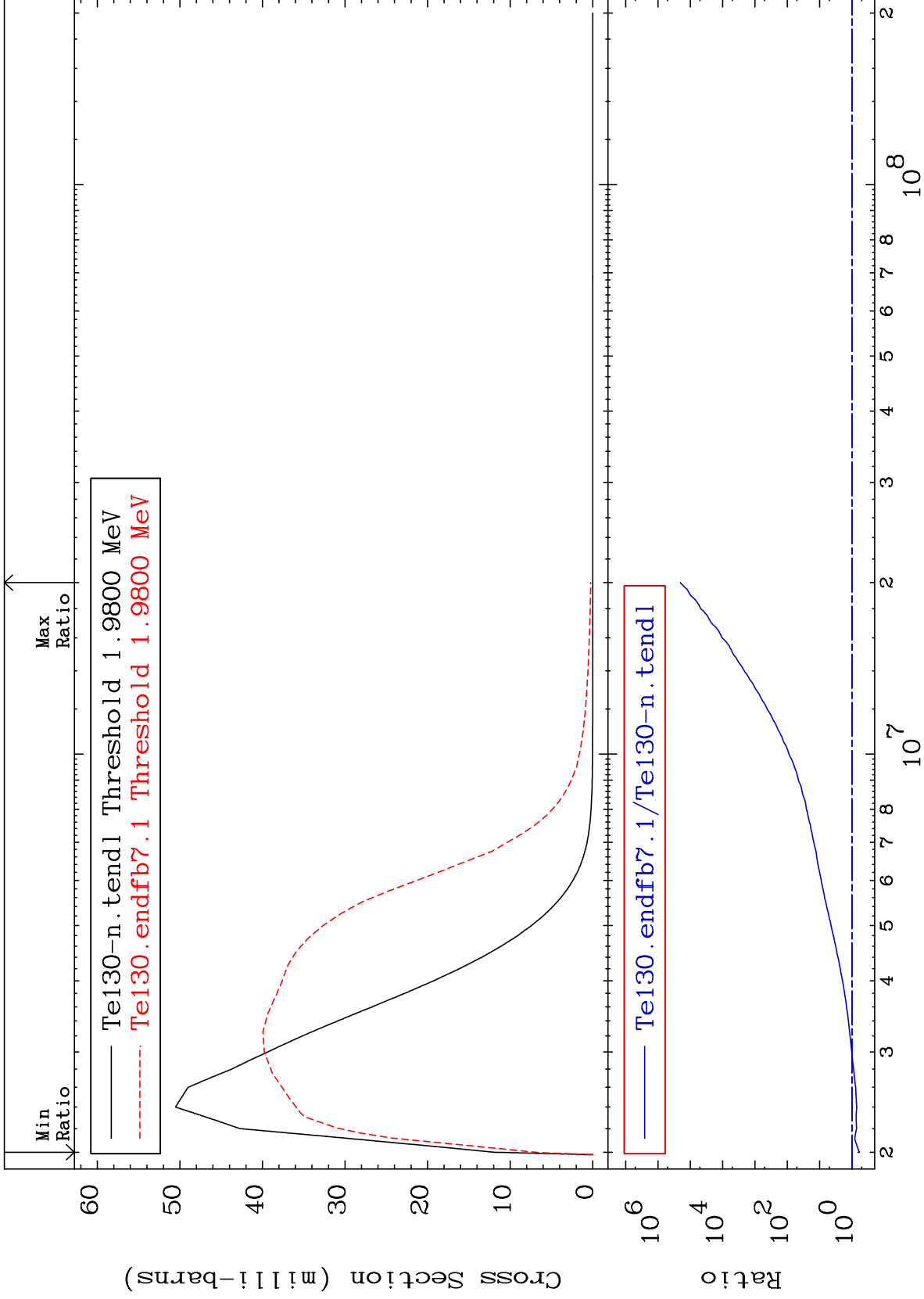
Incident Energy (eV)

52-Te-130

MAT 5255

1.965 MeV (n,n') Level  
Cross Section

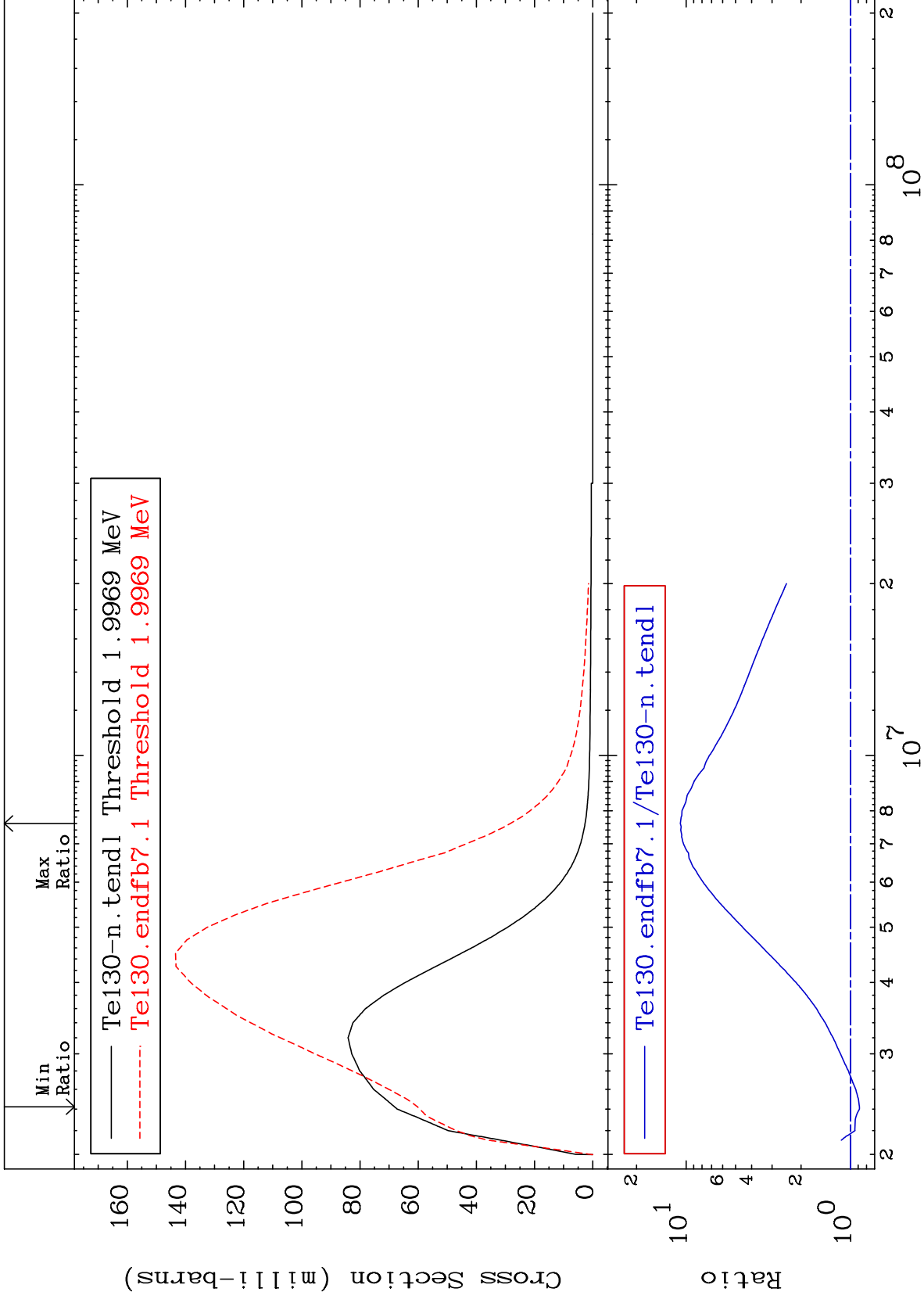
52-Te-130  
-41.54 To 9999. %



MAT 5255

1.982 MeV (n,n') Level  
Cross Section

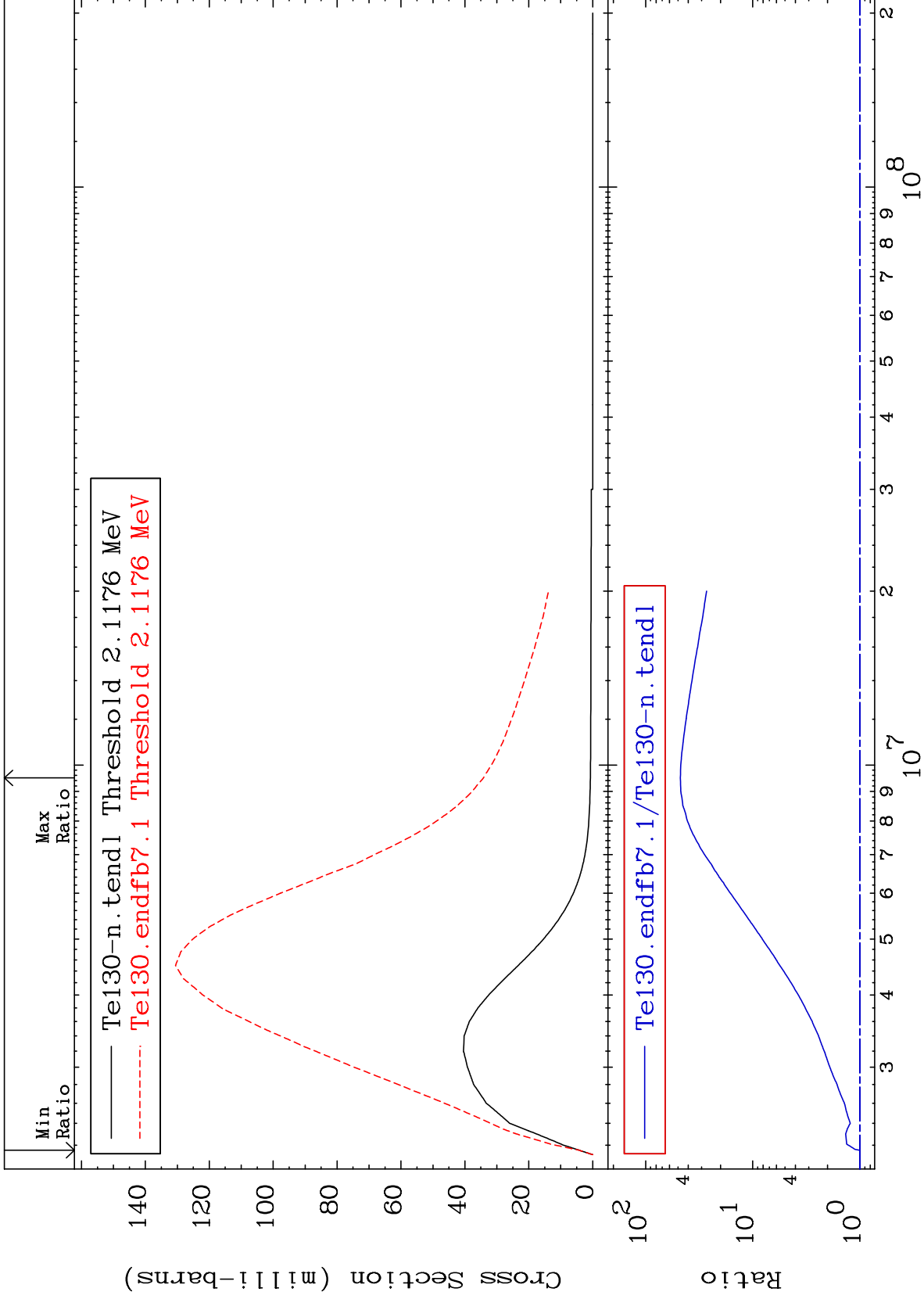
52-Te-130  
-11.63 To 983.7 %



MAT 5255

2.101 MeV (n,n') Level  
Cross Section

52-Te-130  
0.914 To 4645. %



15

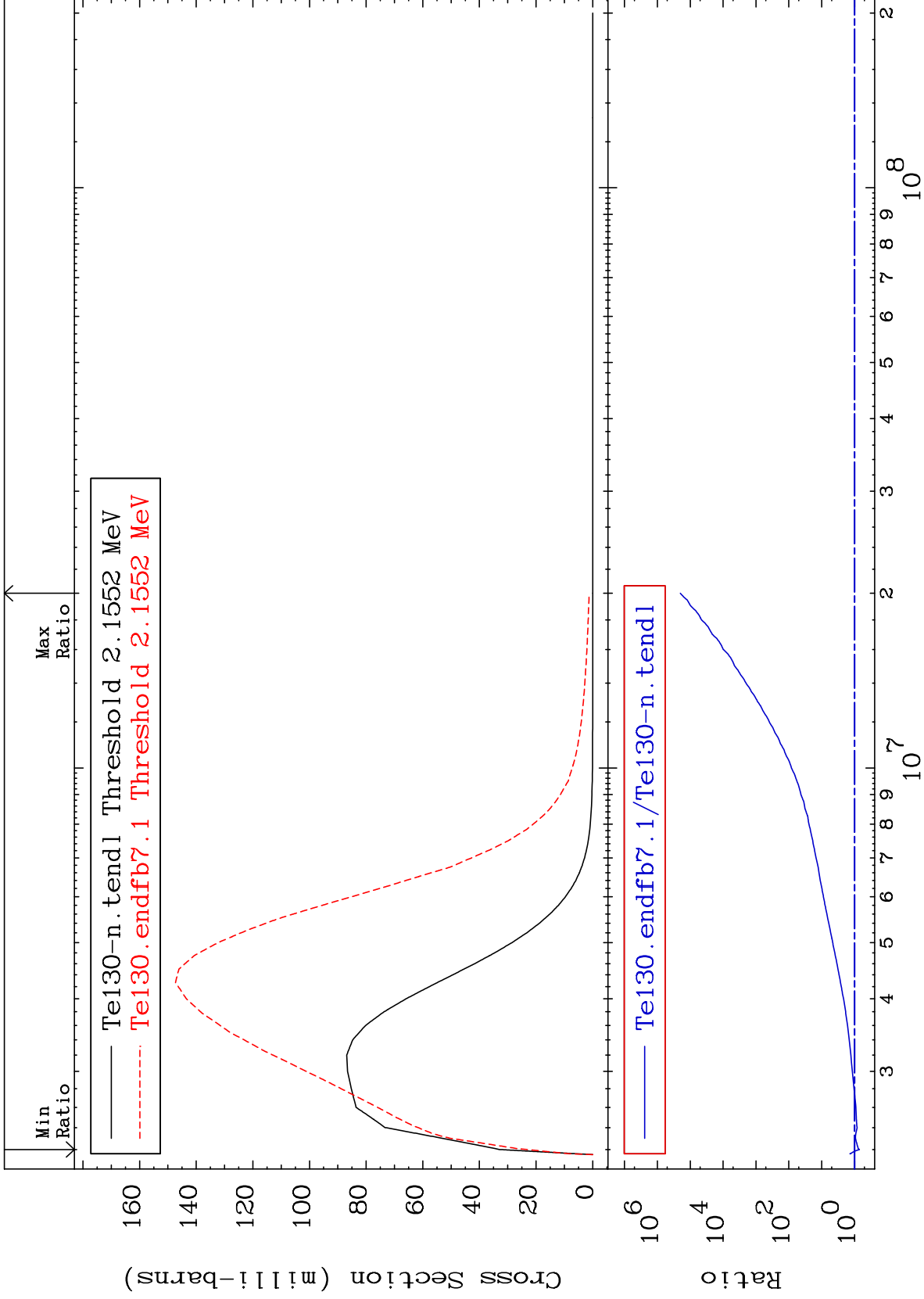
Incident Energy (eV)

52-Te-130

MAT 5255

2.139 MeV (n,n') Level  
Cross Section

52-Te-130  
-28.80 To 9999. %

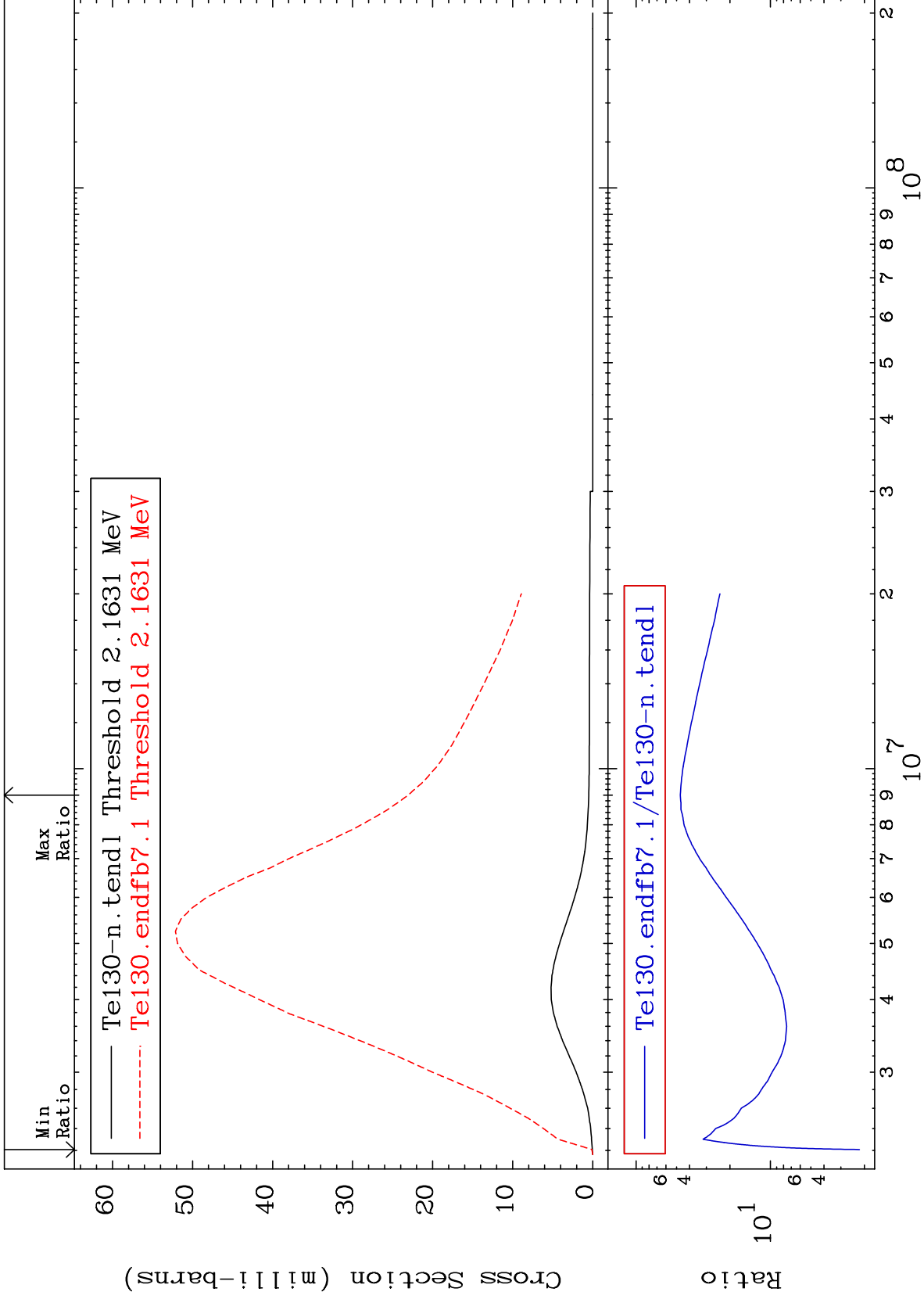




MAT 5255

2.146 MeV (n,n') Level  
Cross Section

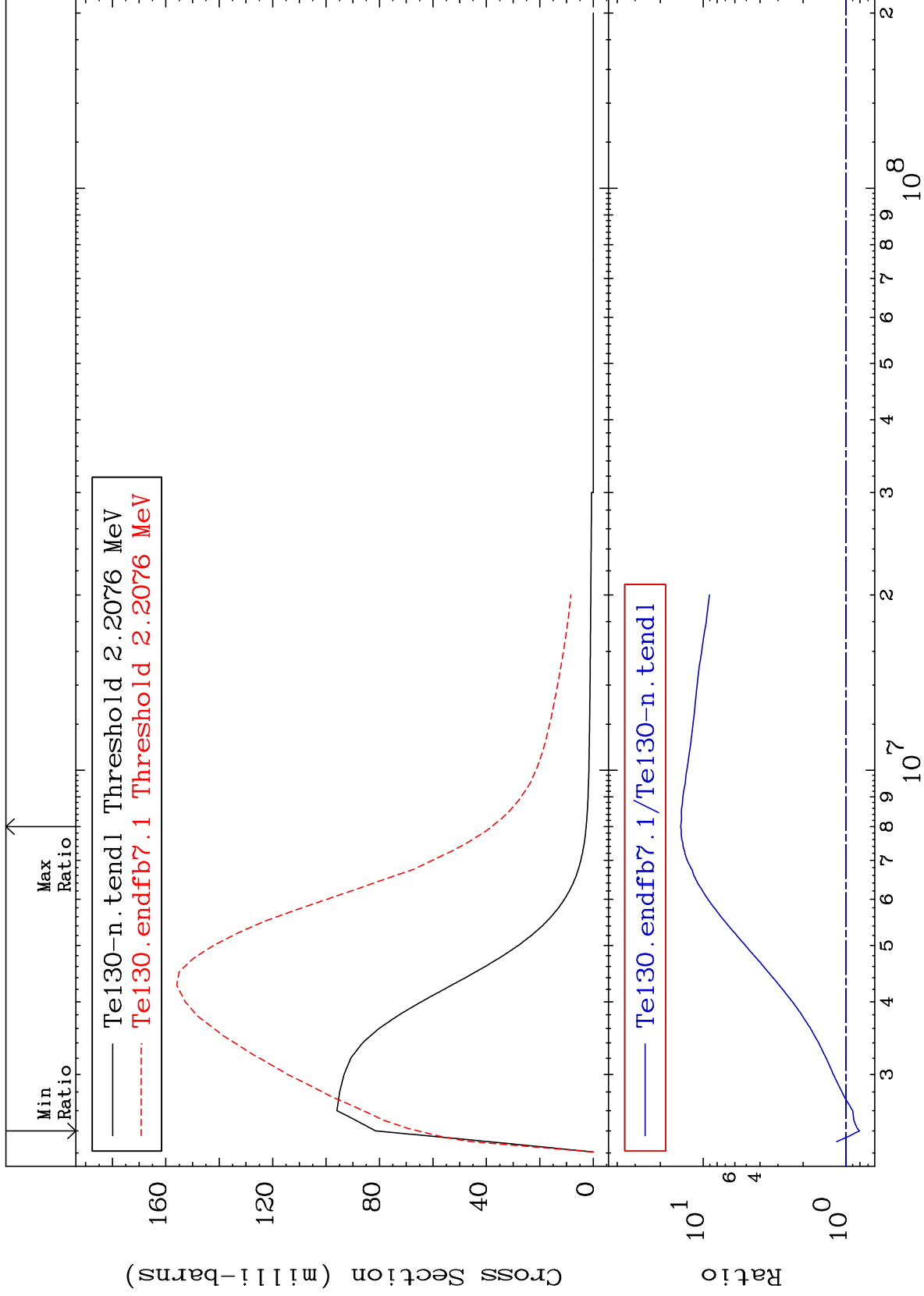
52-Te-130  
117.9 To 4580. %



MAT 5255

2.191 MeV (n,n') Level  
Cross Section

52-Te-130  
-19.57 To 1337. %



18

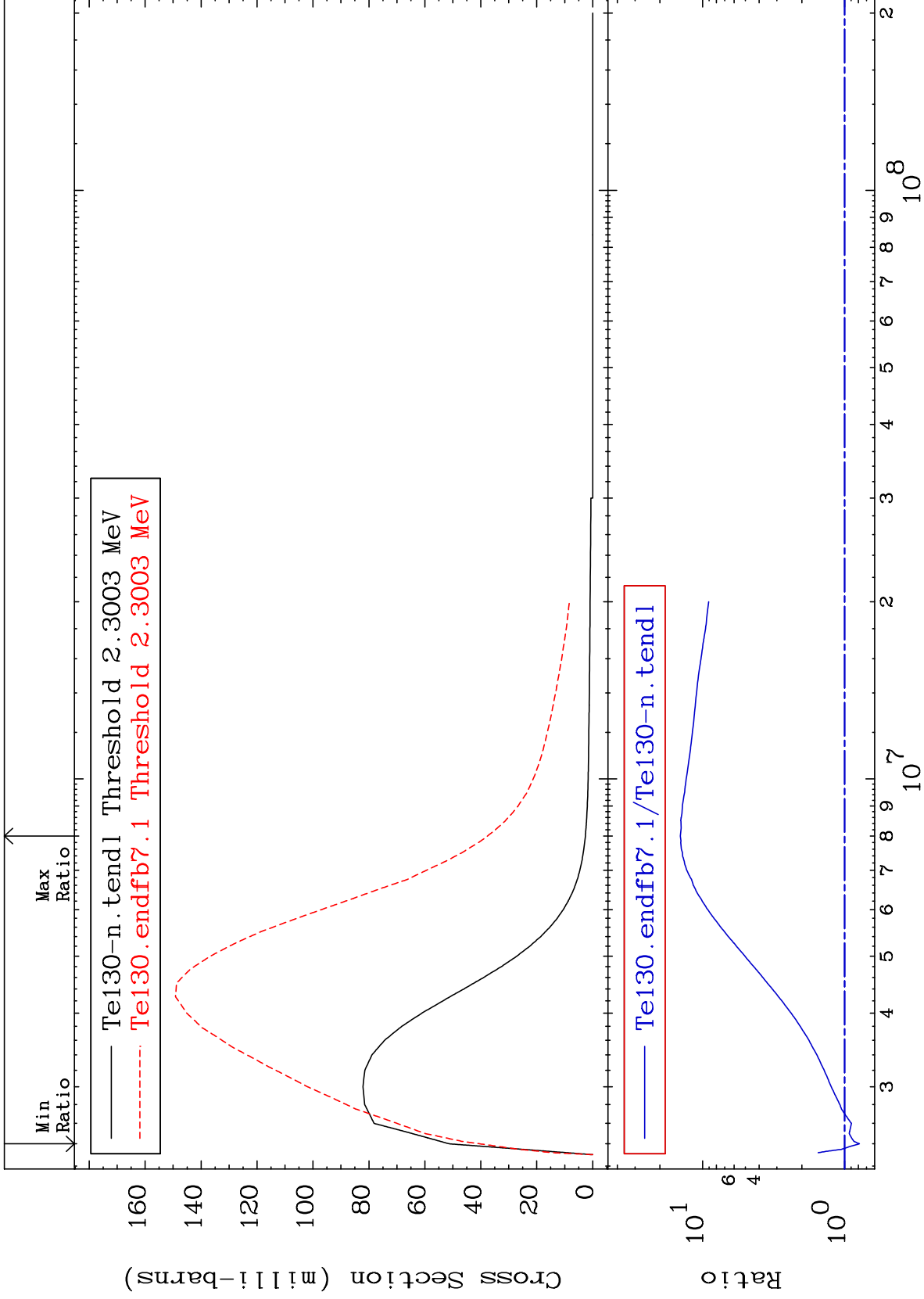
Incident Energy (eV)

52-Te-130

MAT 5255

2.283 MeV (n,n') Level  
Cross Section

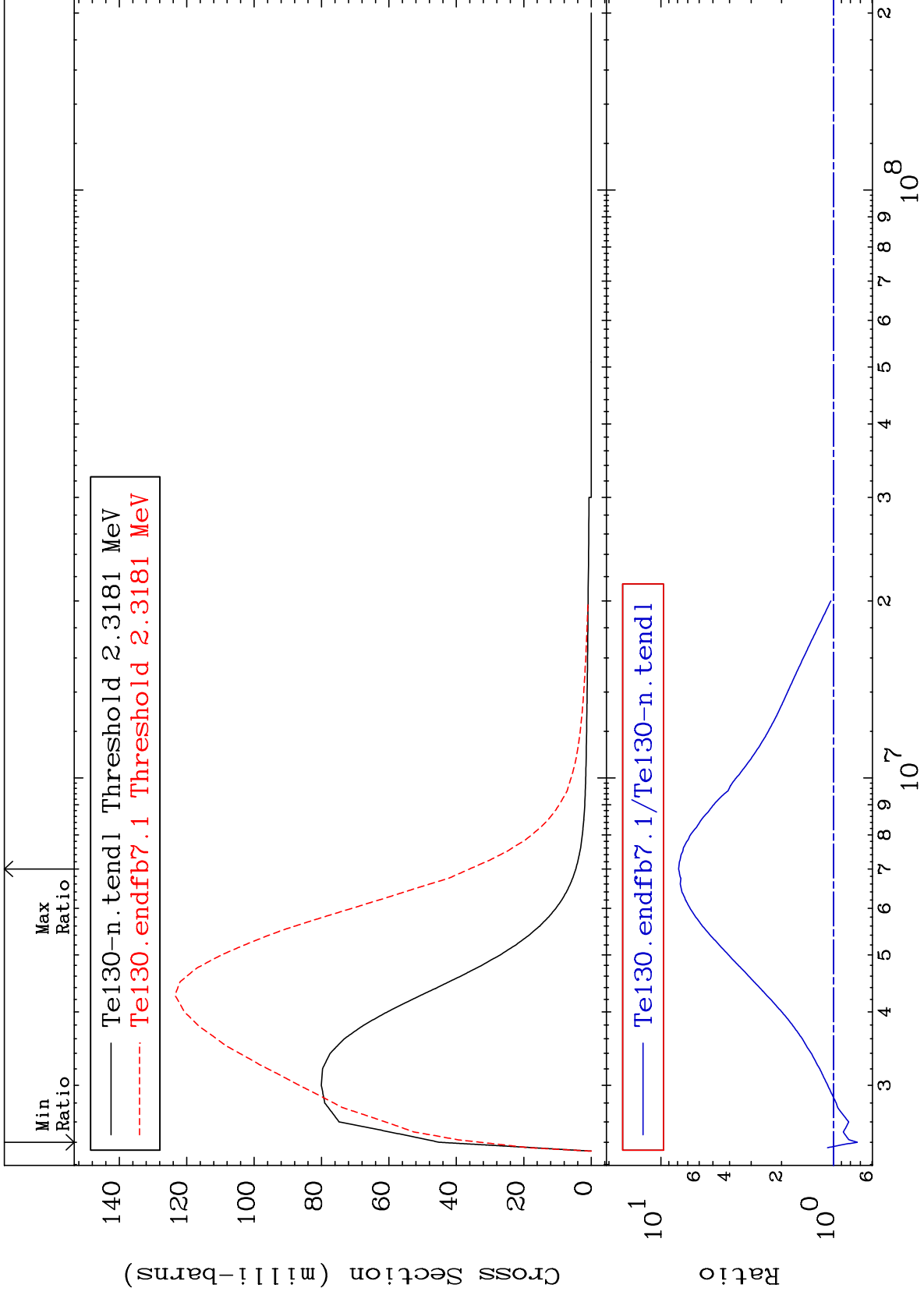
52-Te-130  
-21.42 To 1337. %



MAT 5255

2.300 MeV (n,n') Level  
Cross Section

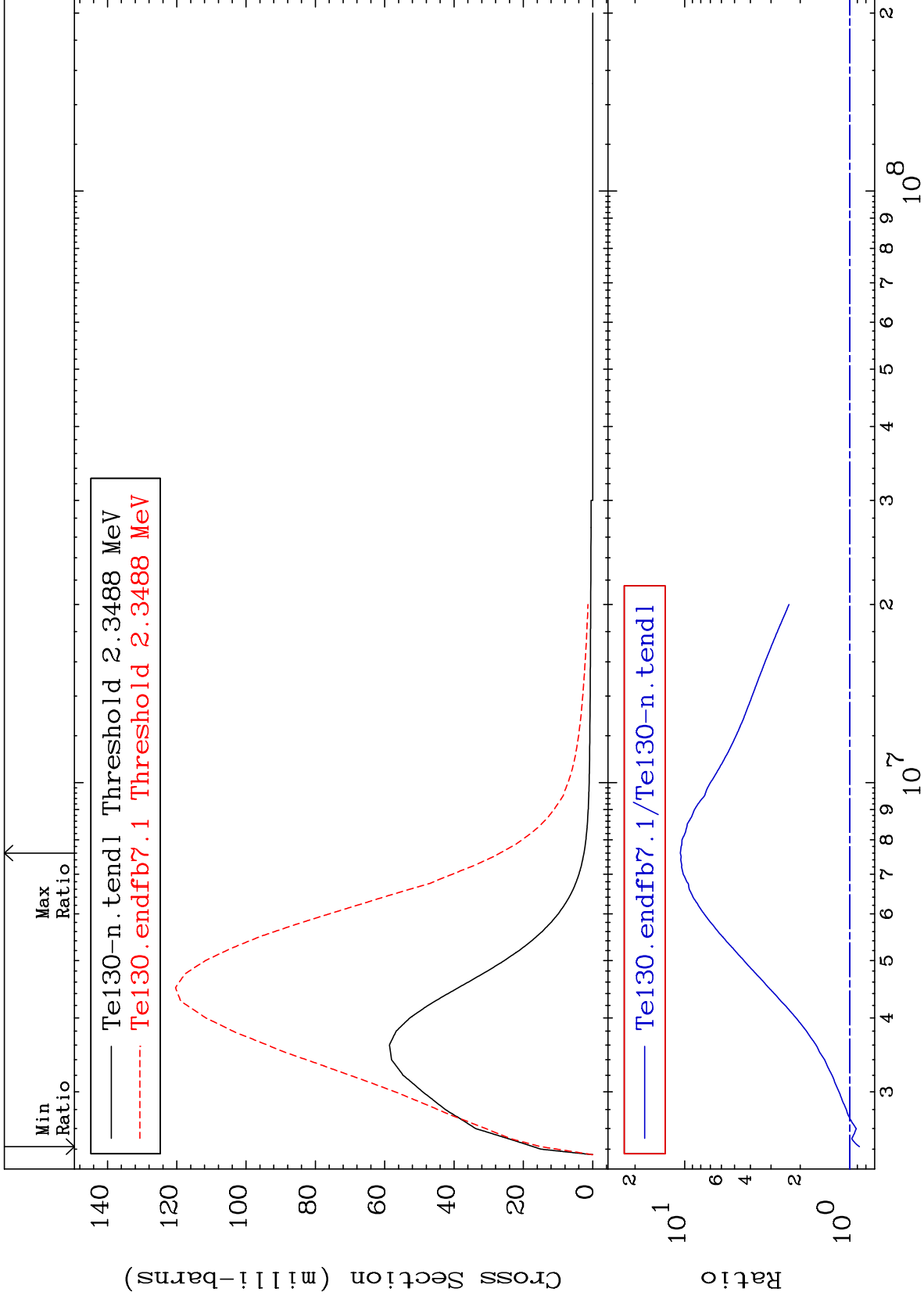
52-Te-130  
-27.02 To 689.4 %



MAT 5255

2.331 MeV (n,n') Level  
Cross Section

52-Te-130  
-12.51 To 963.8 %

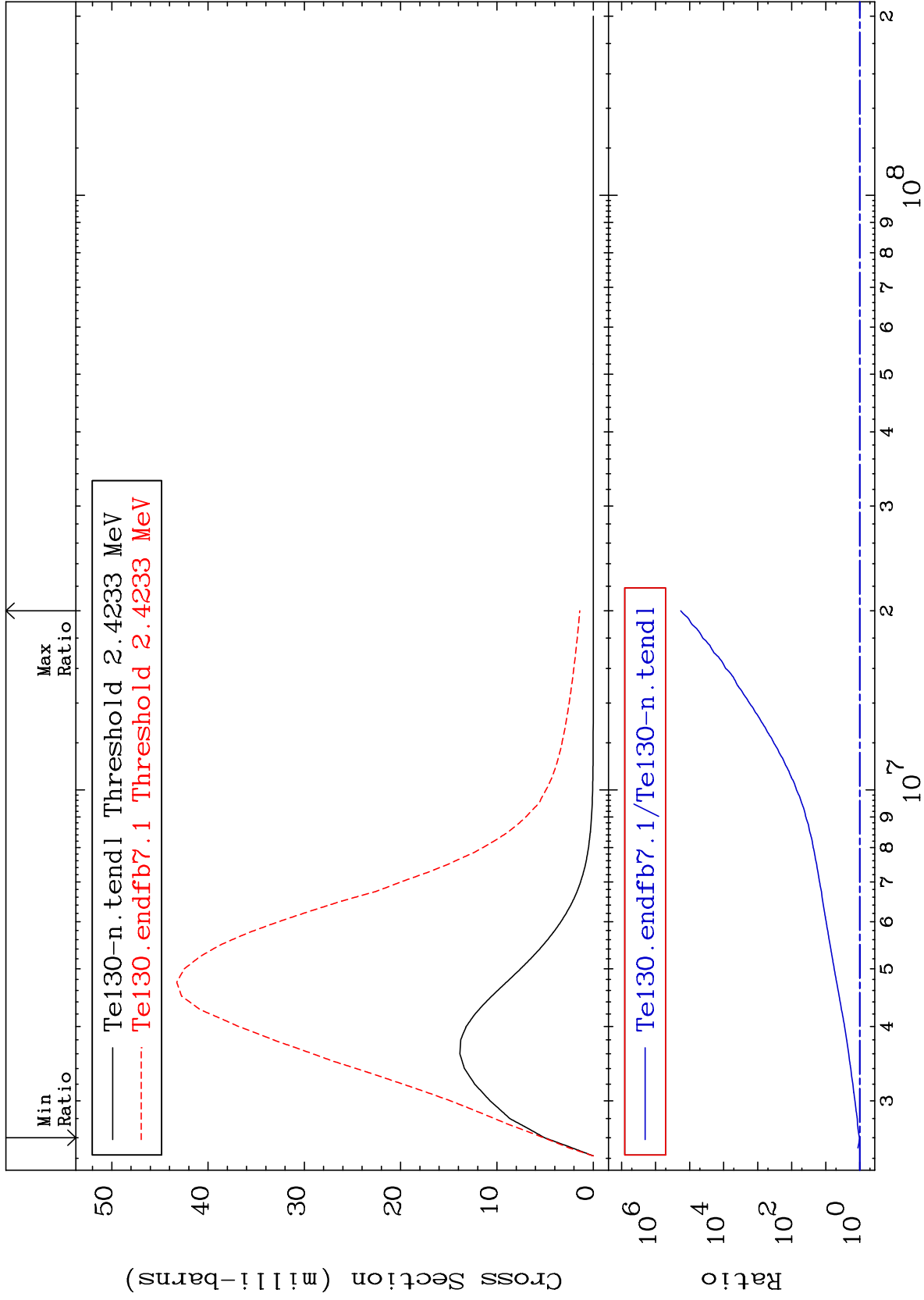


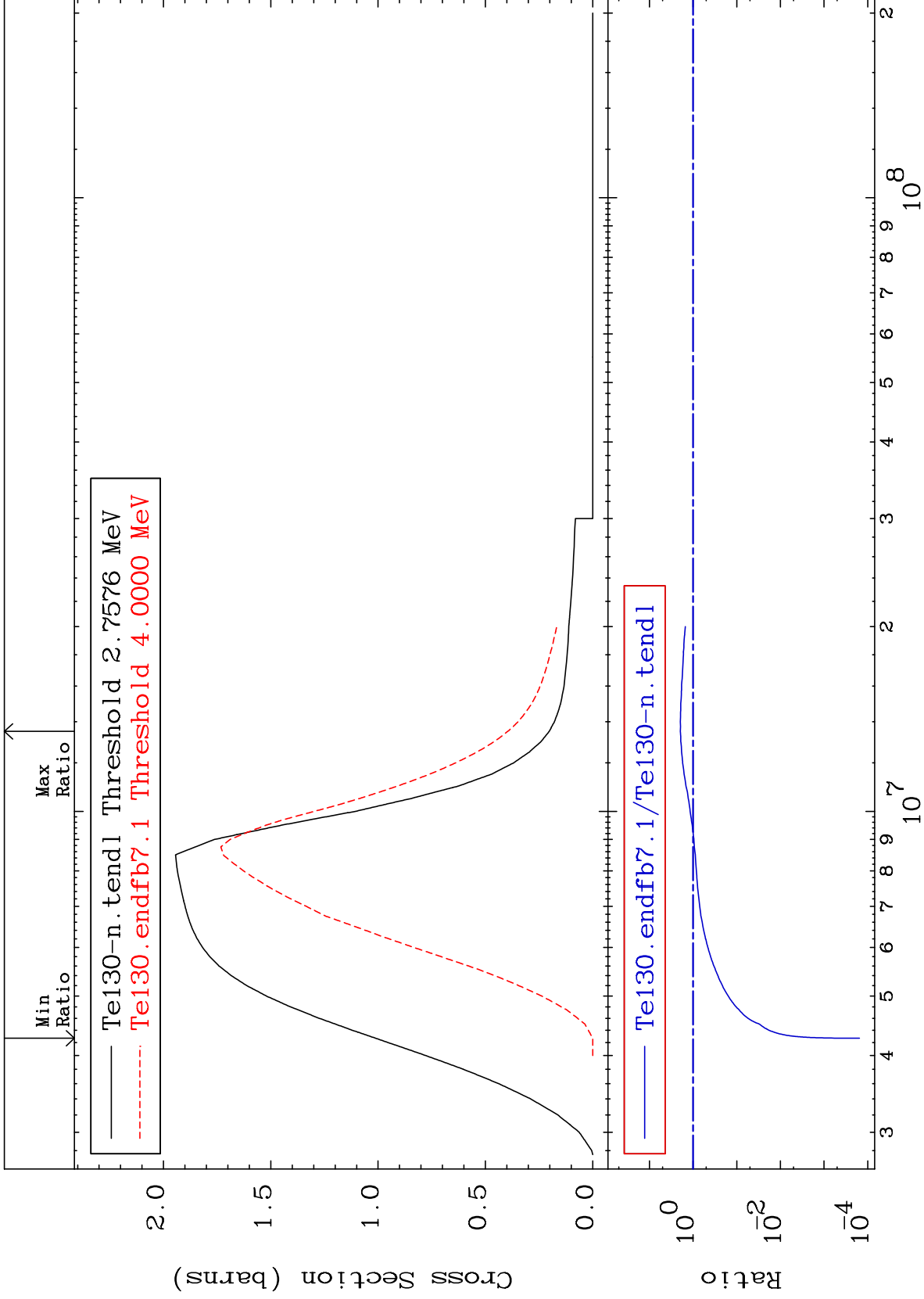
MAT 5255

2.405 MeV (n,n') Level

52-Te-130

Cross Section  
1.523 To 9999. %





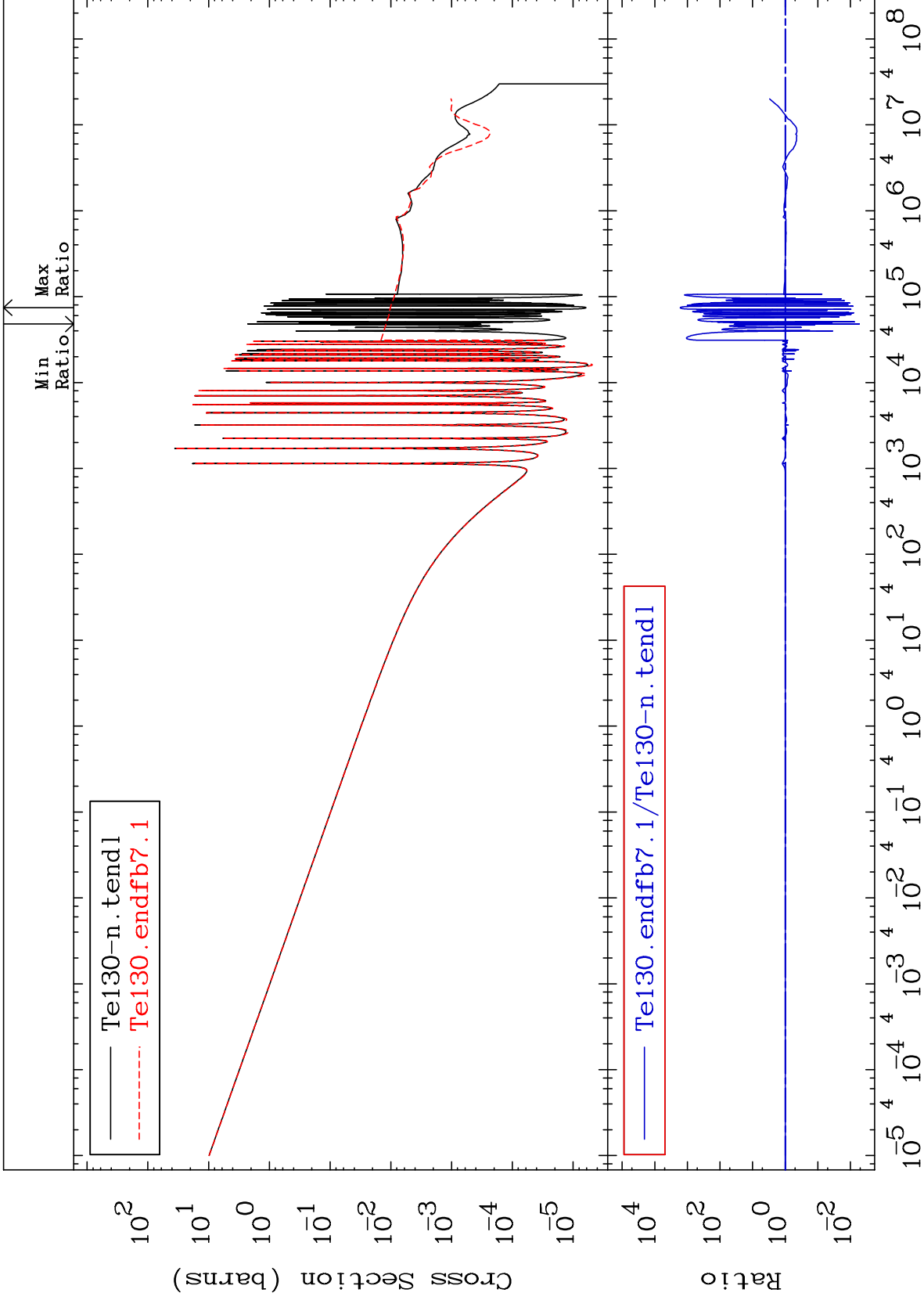
MAT 5255

(n,  $\gamma$ )

52-Te-130

Cross Section

-99.47 To 9999. %





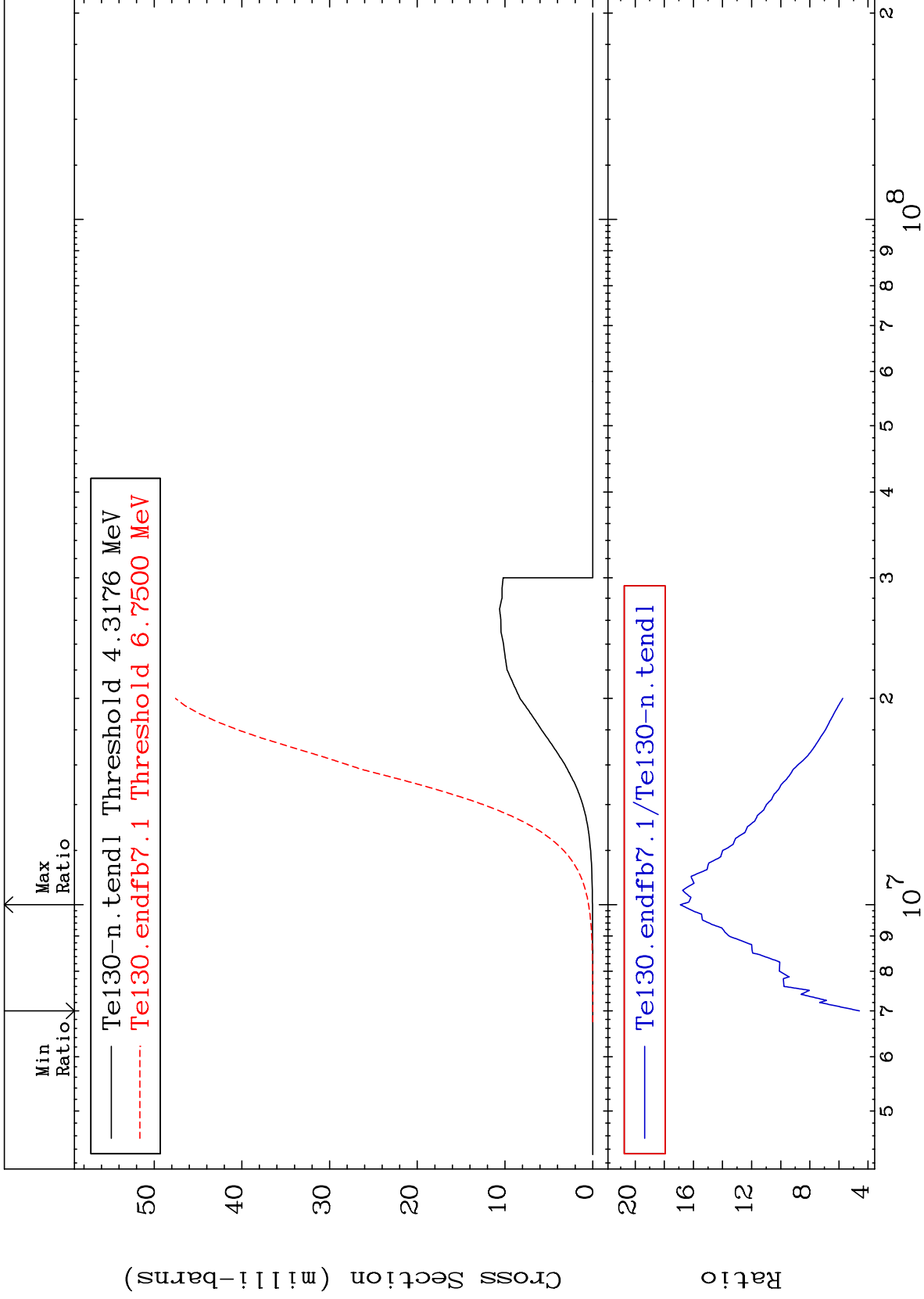
MAT 5255

(n,p)

52-Te-130

Cross Section

359.2 To 1590. %



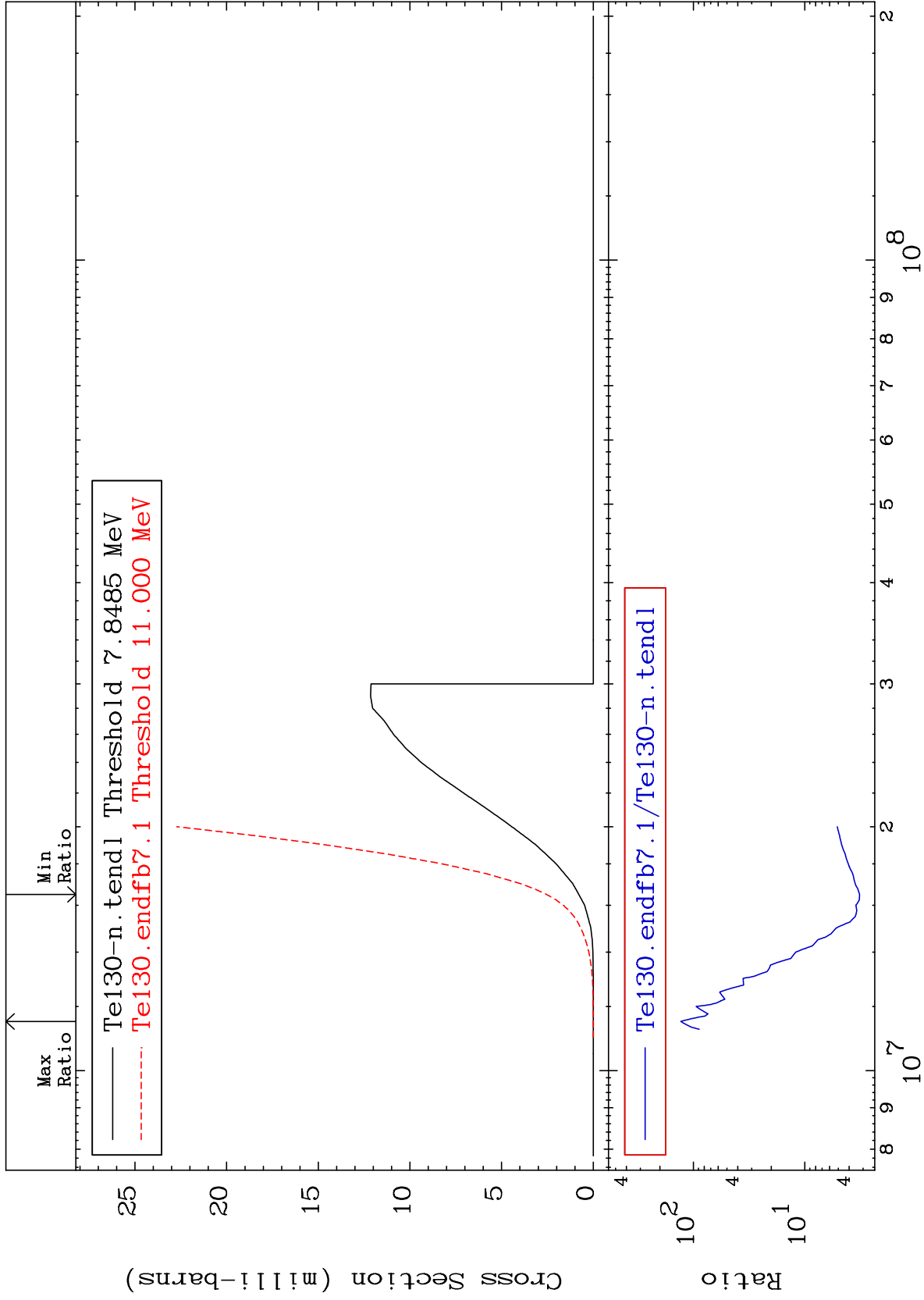
MAT 5255

(n, d)

52-Te-130

Cross Section

222.2 To 9999. %



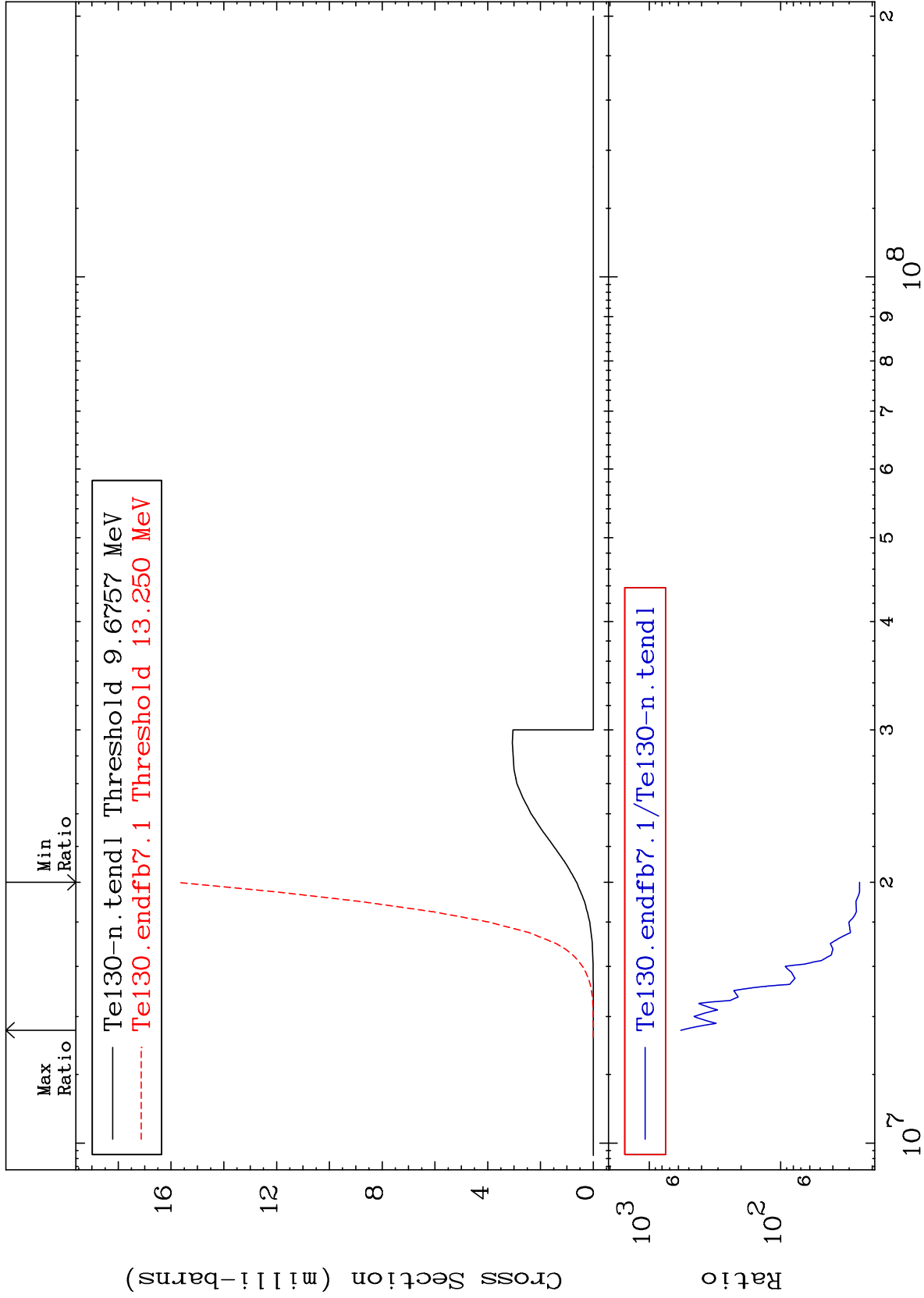
MAT 5255

(n, t)

52-Te-130

Cross Section

2403. To 9999. %



27

Incident Energy (eV)

52-Te-130

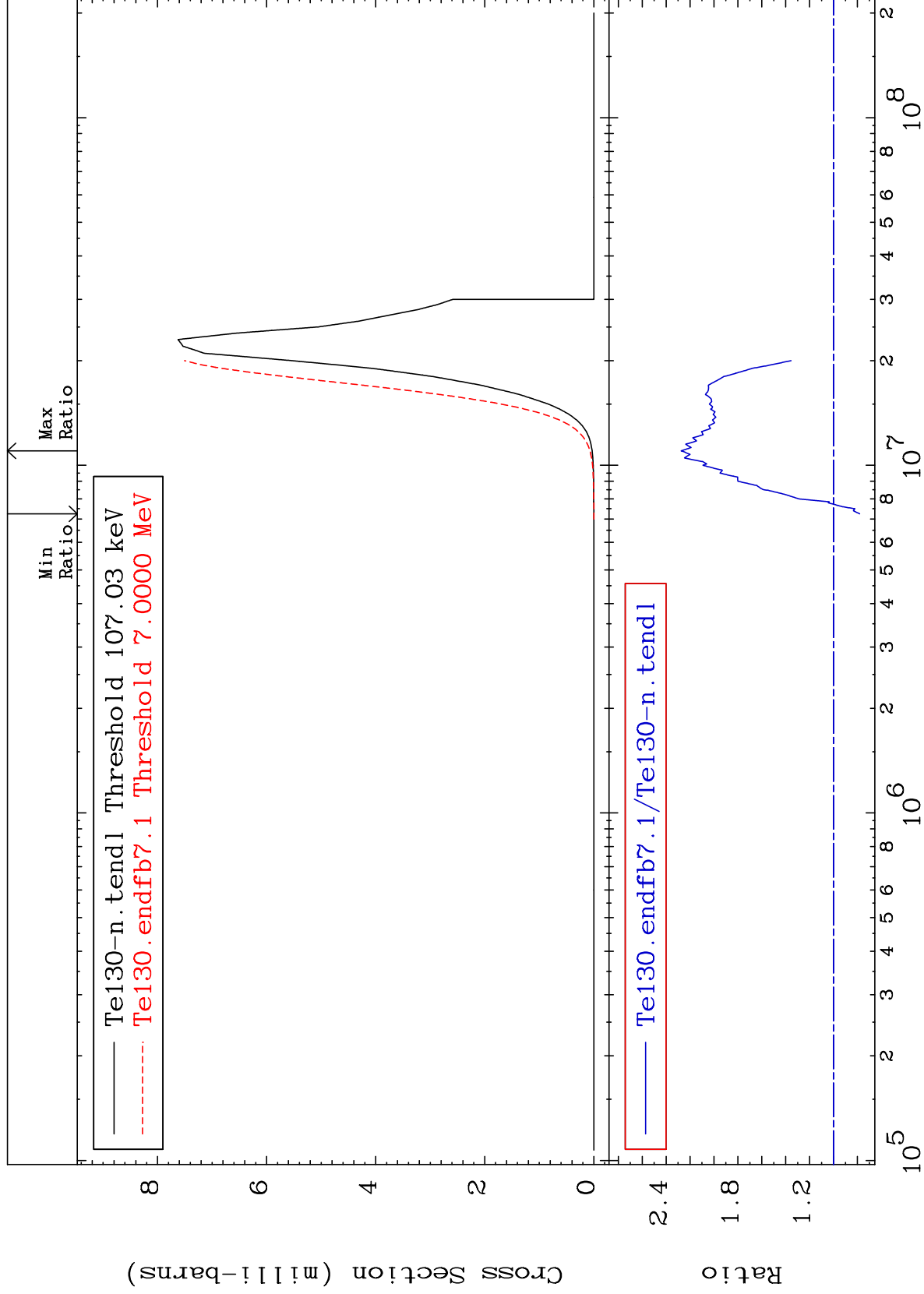
MAT 5255

(n,  $\alpha$ )

52-Te-130

Cross Section

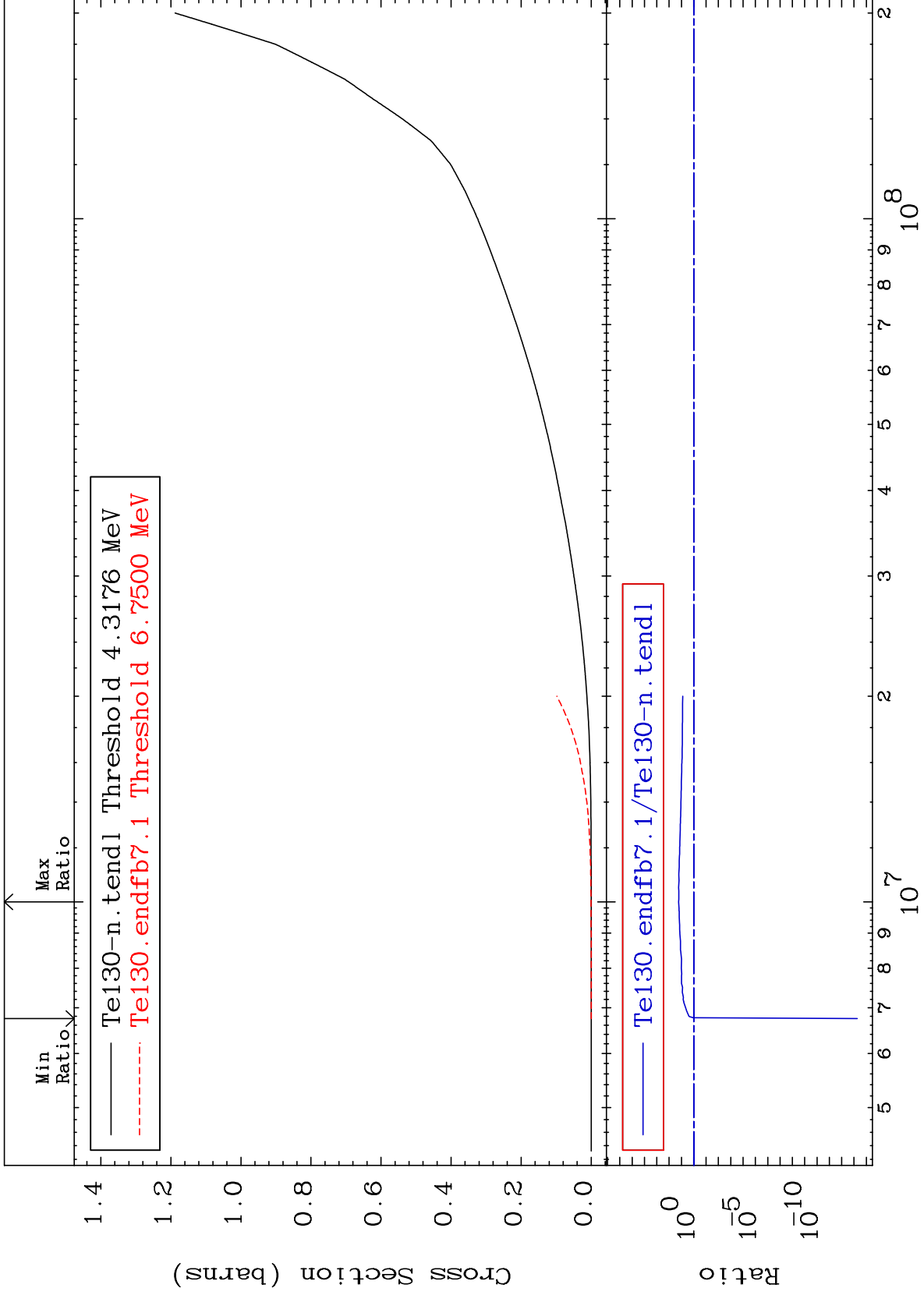
-21.87 To 127.4 %



28

Incident Energy (eV)

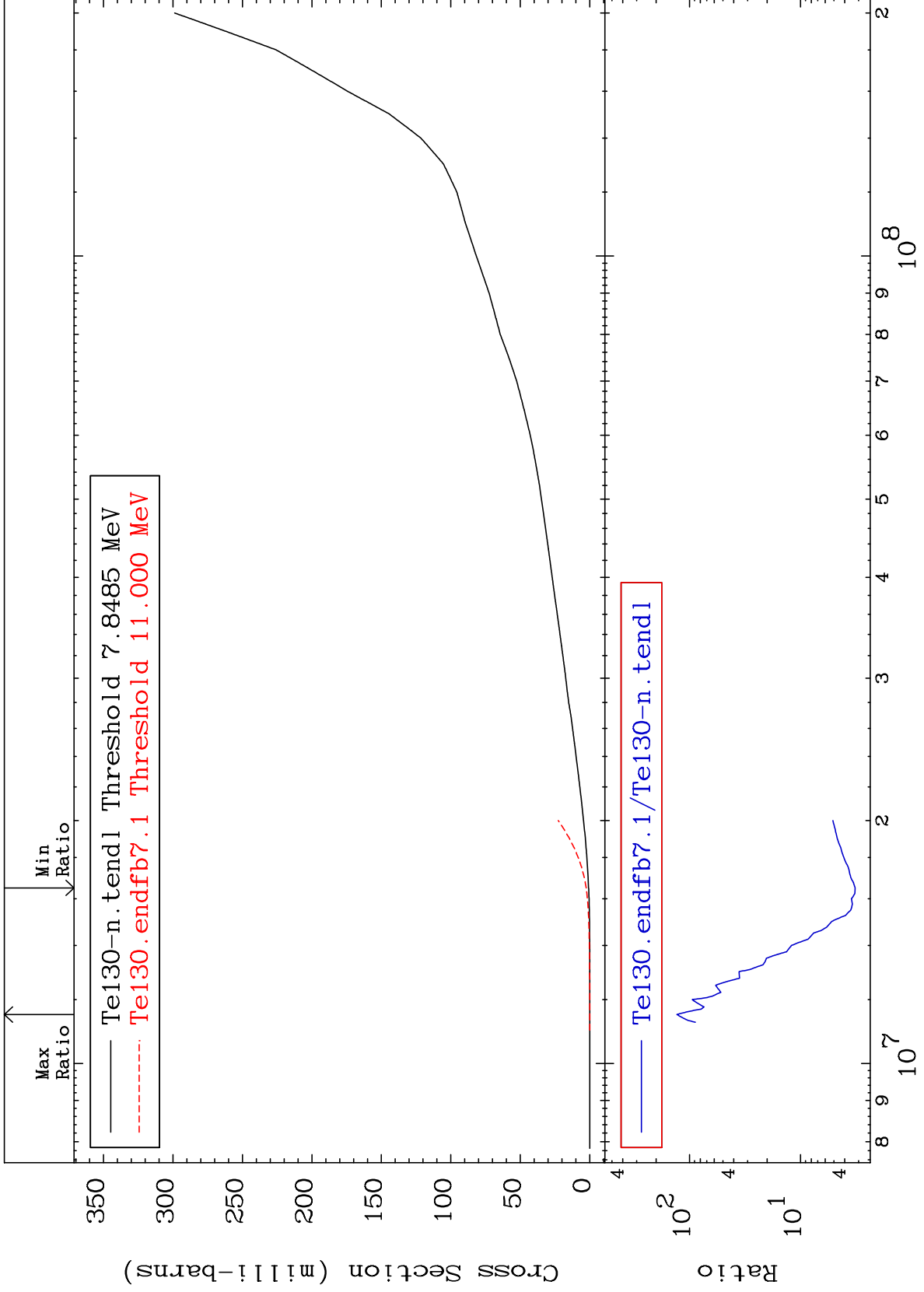
52-Te-130



MAT 5255

Deuterium Production  
Cross Section

52-Te-130  
222.2 To 9999. %



30

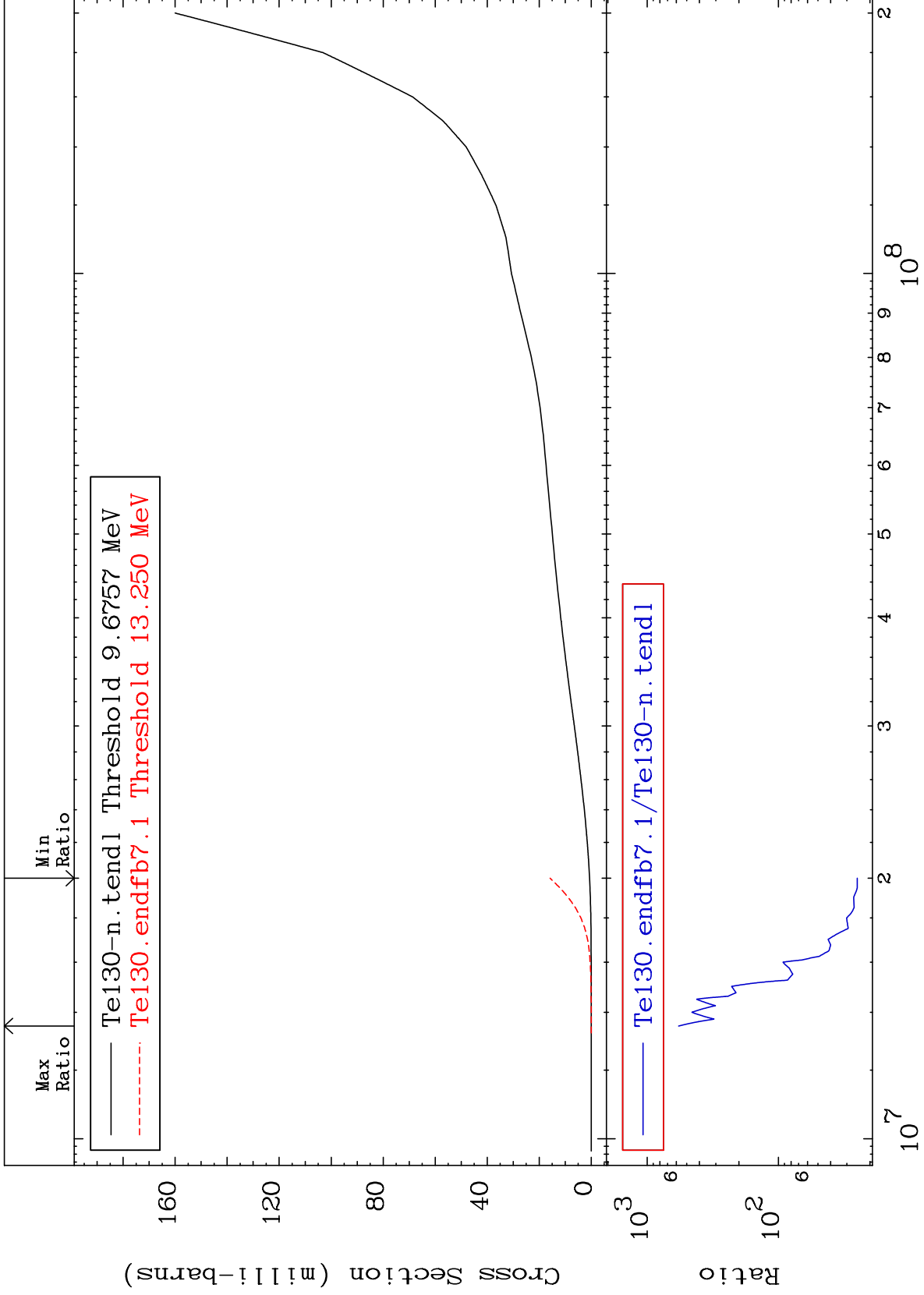
Incident Energy (eV)

52-Te-130

MAT 5255

Tritium Production  
Cross Section

52-Te-130  
2403. To 9999. %



31

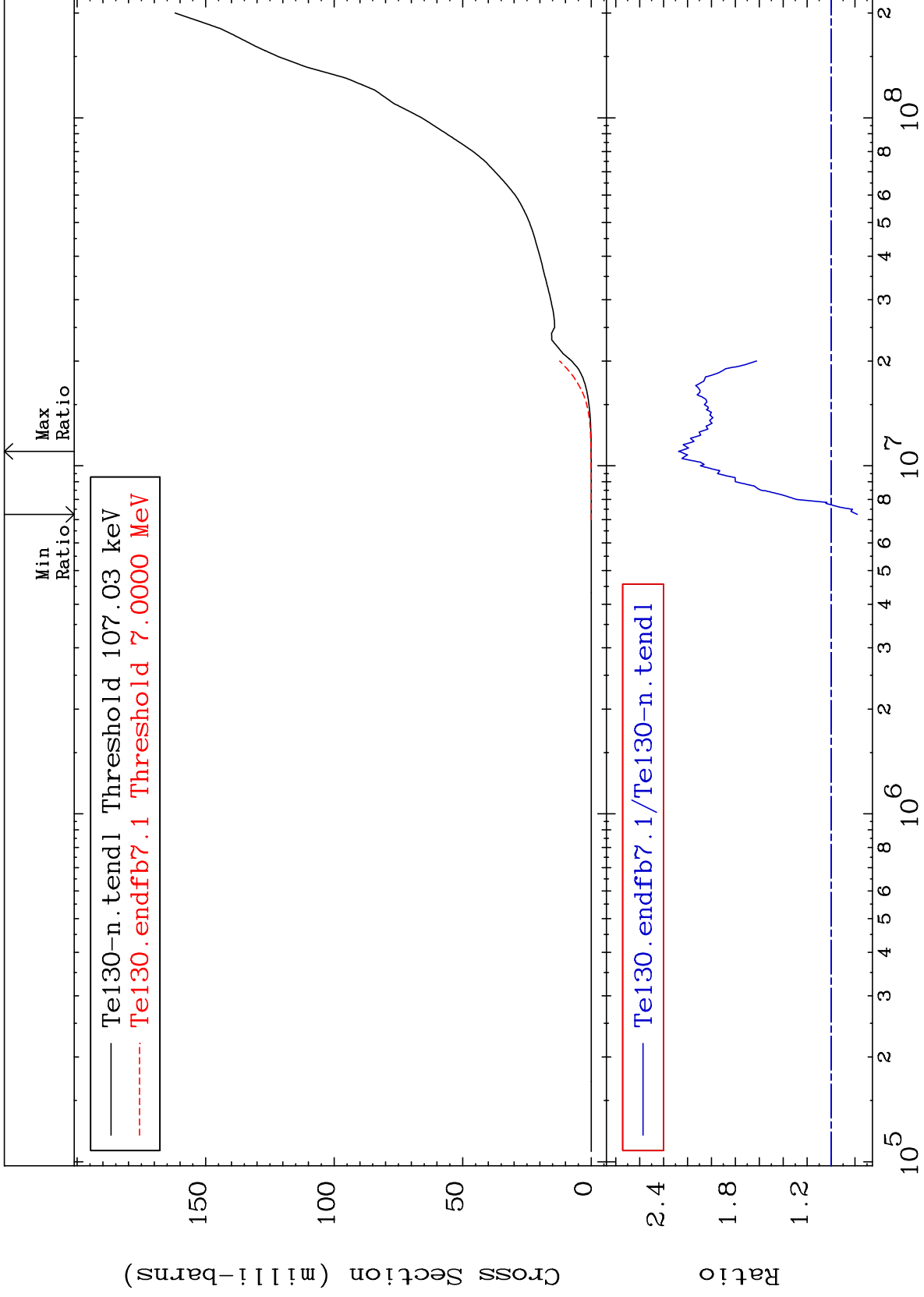
Incident Energy (eV)

52-Te-130

MAT 5255

He-4 Production  
Cross Section

52-Te-130  
-21.87 To 127.4 %

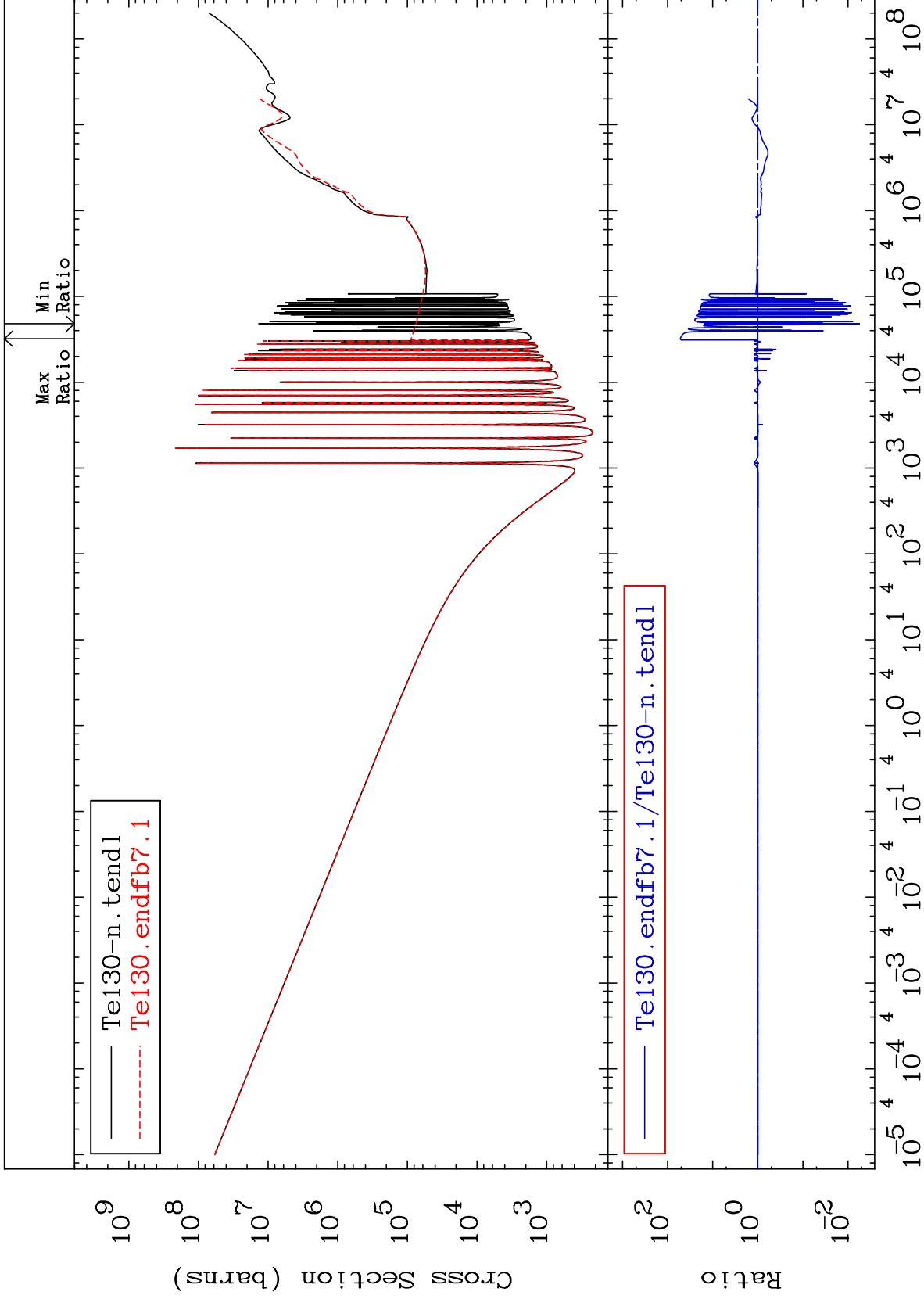


32

Incident Energy (eV)

52-Te-130

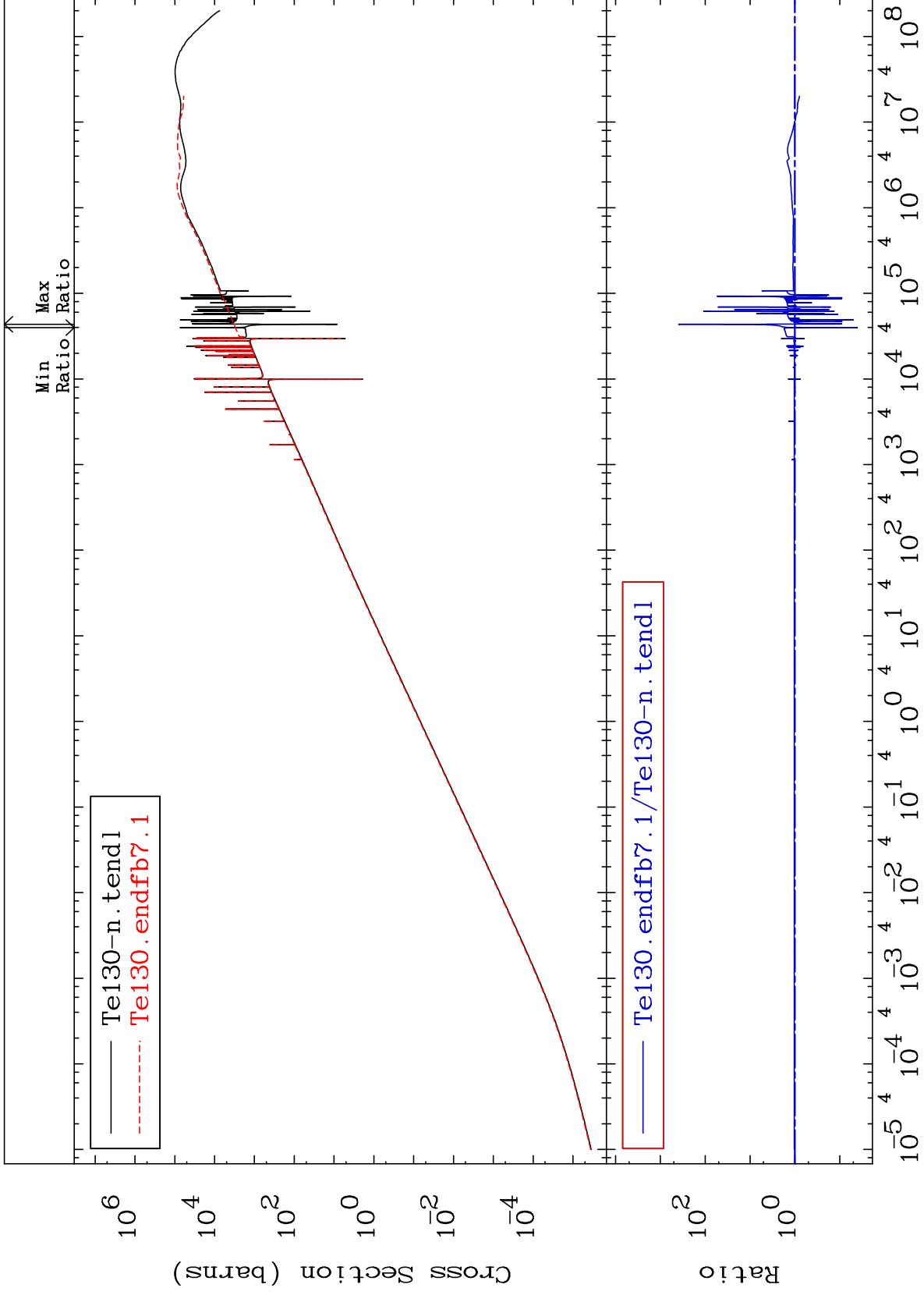


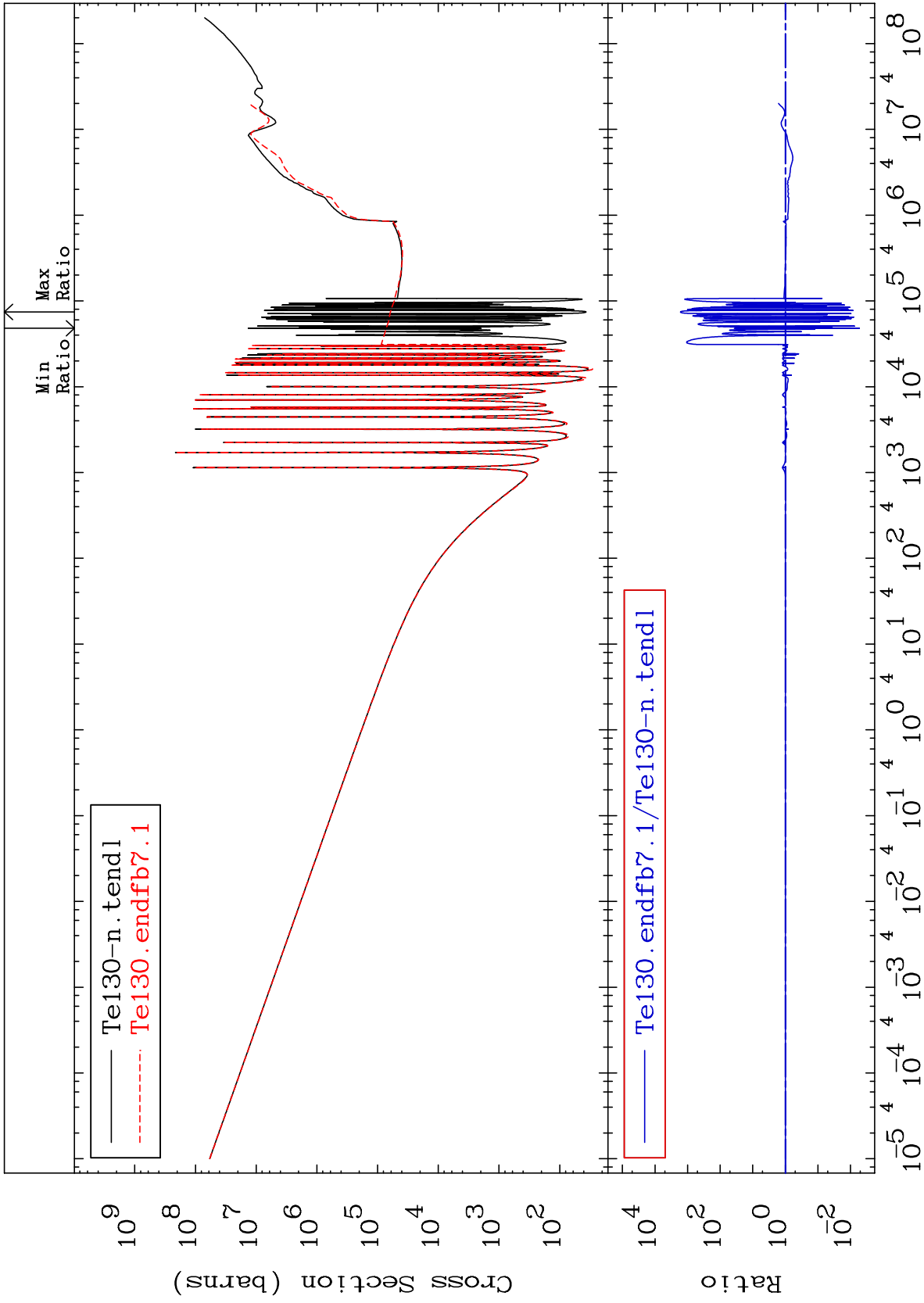


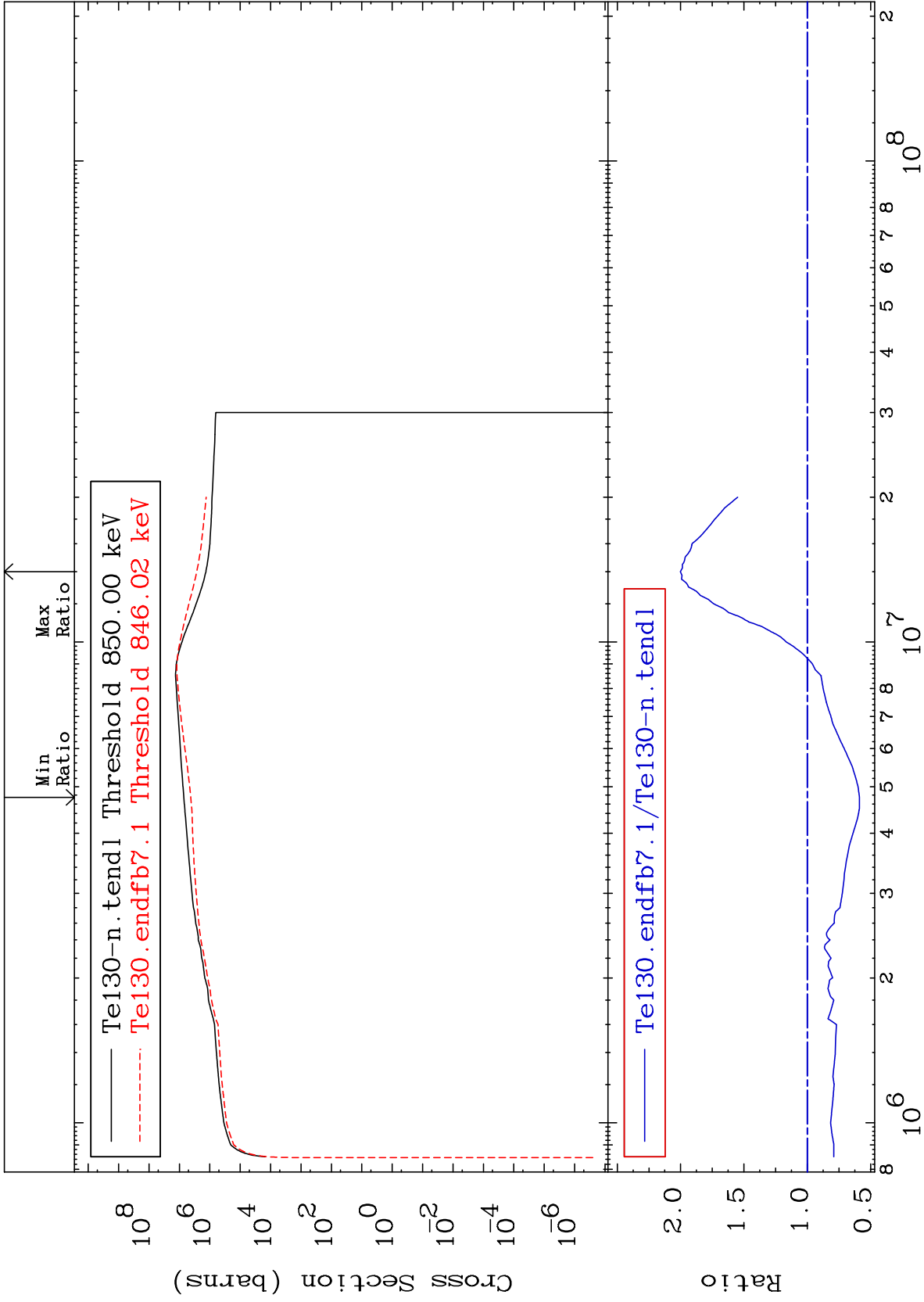
MAT 5255

Kerma elastic  
Cross Section

52-Te-130  
-95.93 To 9999. %



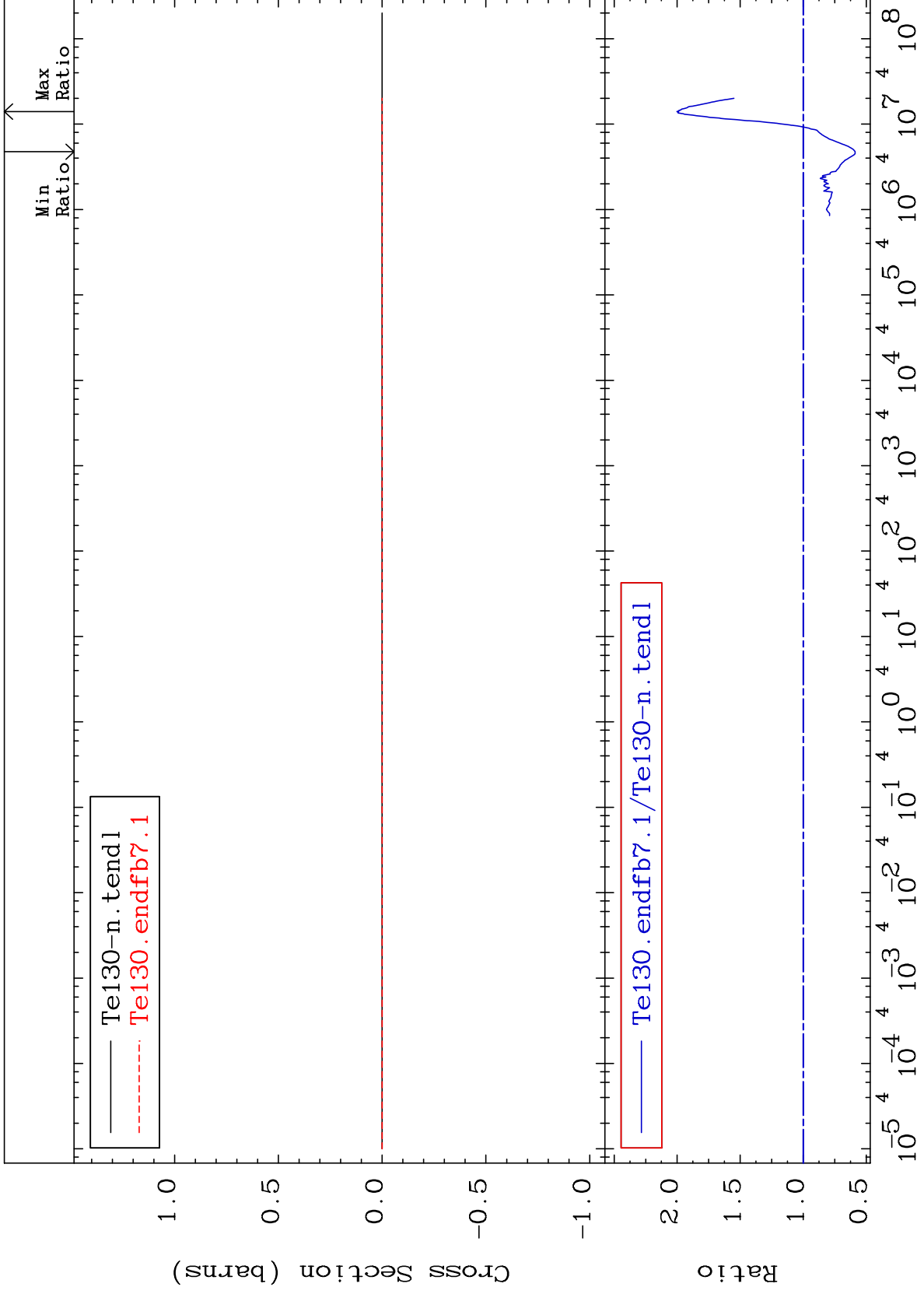




MAT 5255

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

52-Te-130  
-41.16 To 100.2 %



37

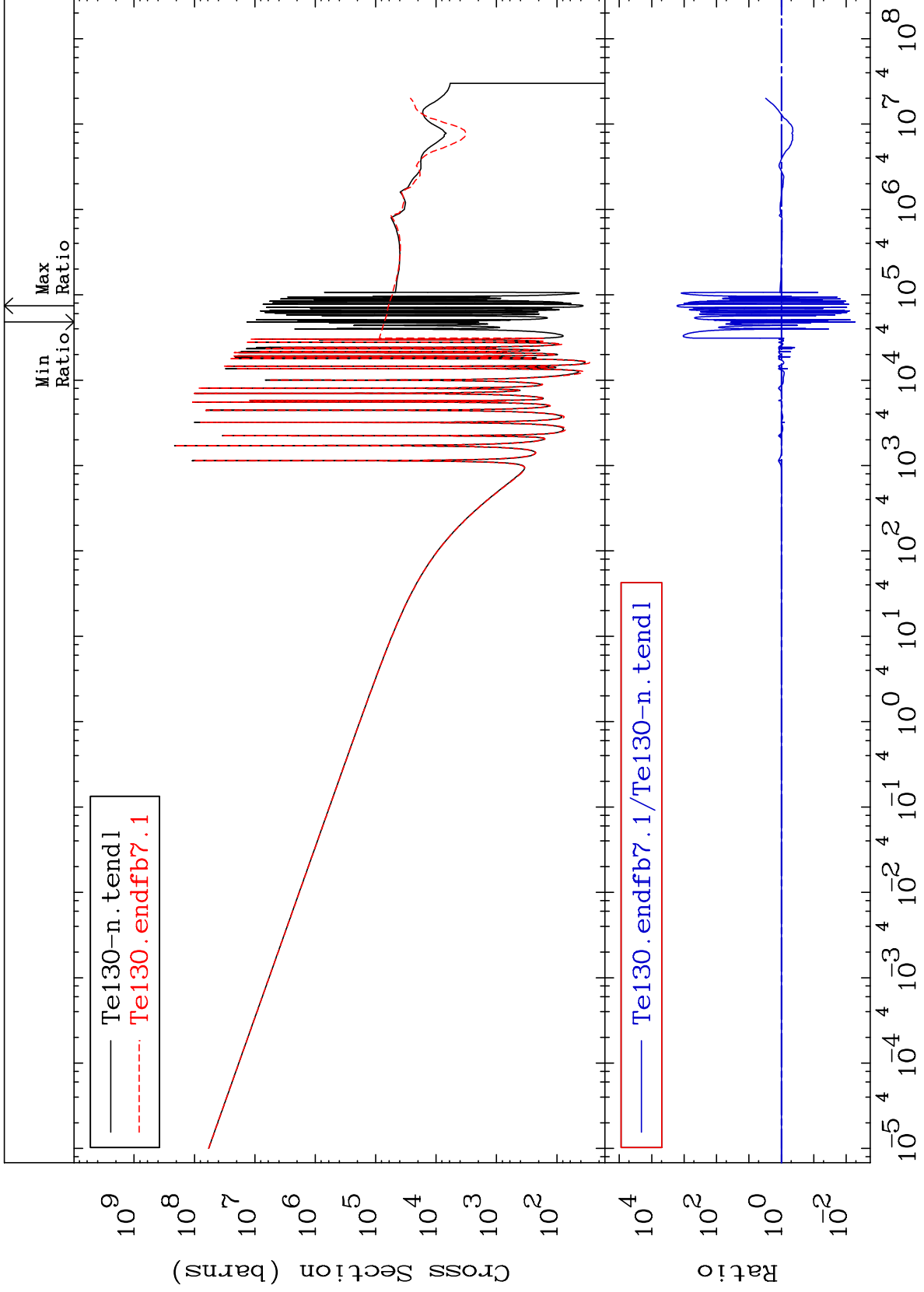
Incident Energy (eV)

52-Te-130

MAT 5255

Kerma capture (mt102)  
Cross Section

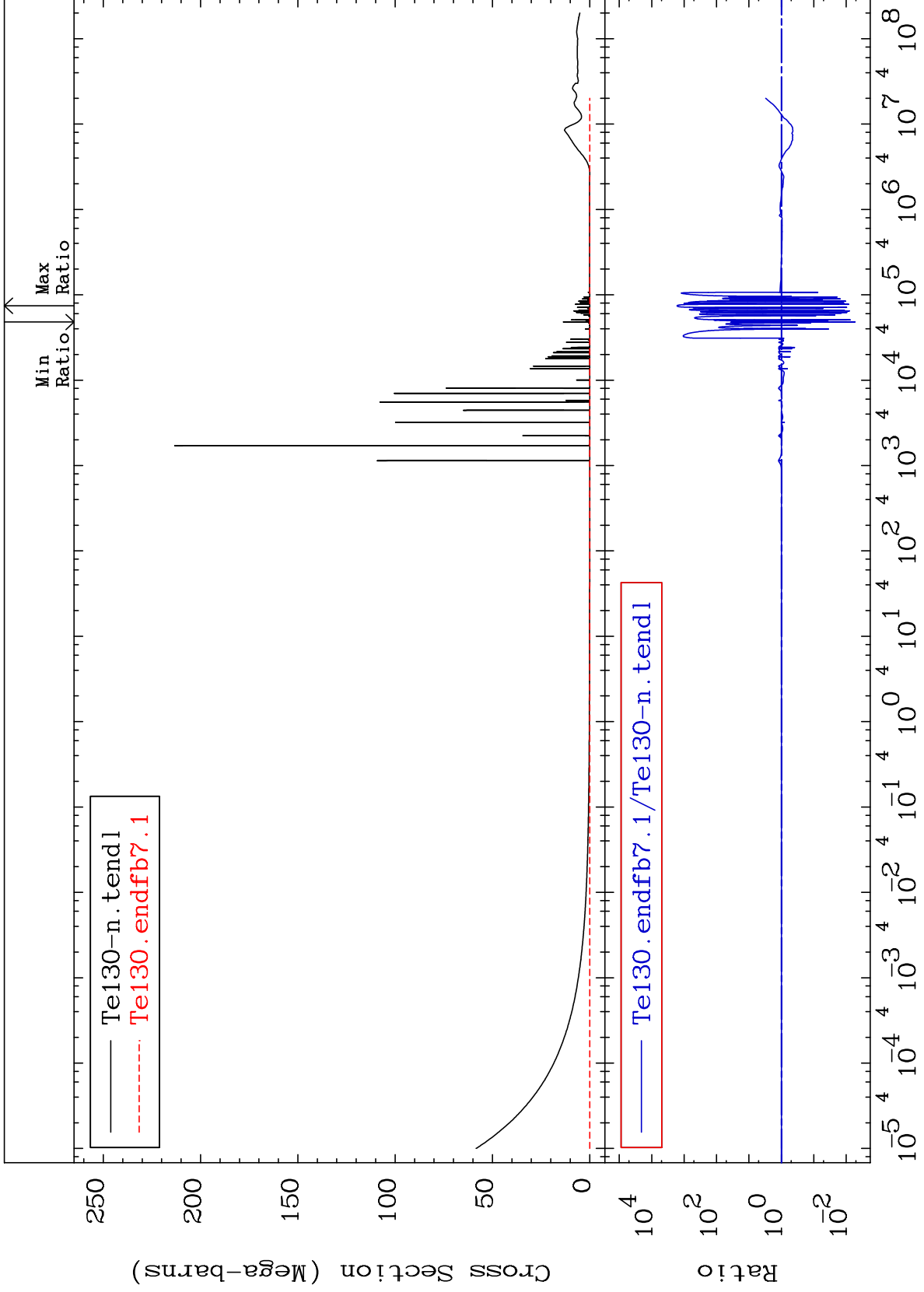
52-Te-130  
-99.47 To 9999. %



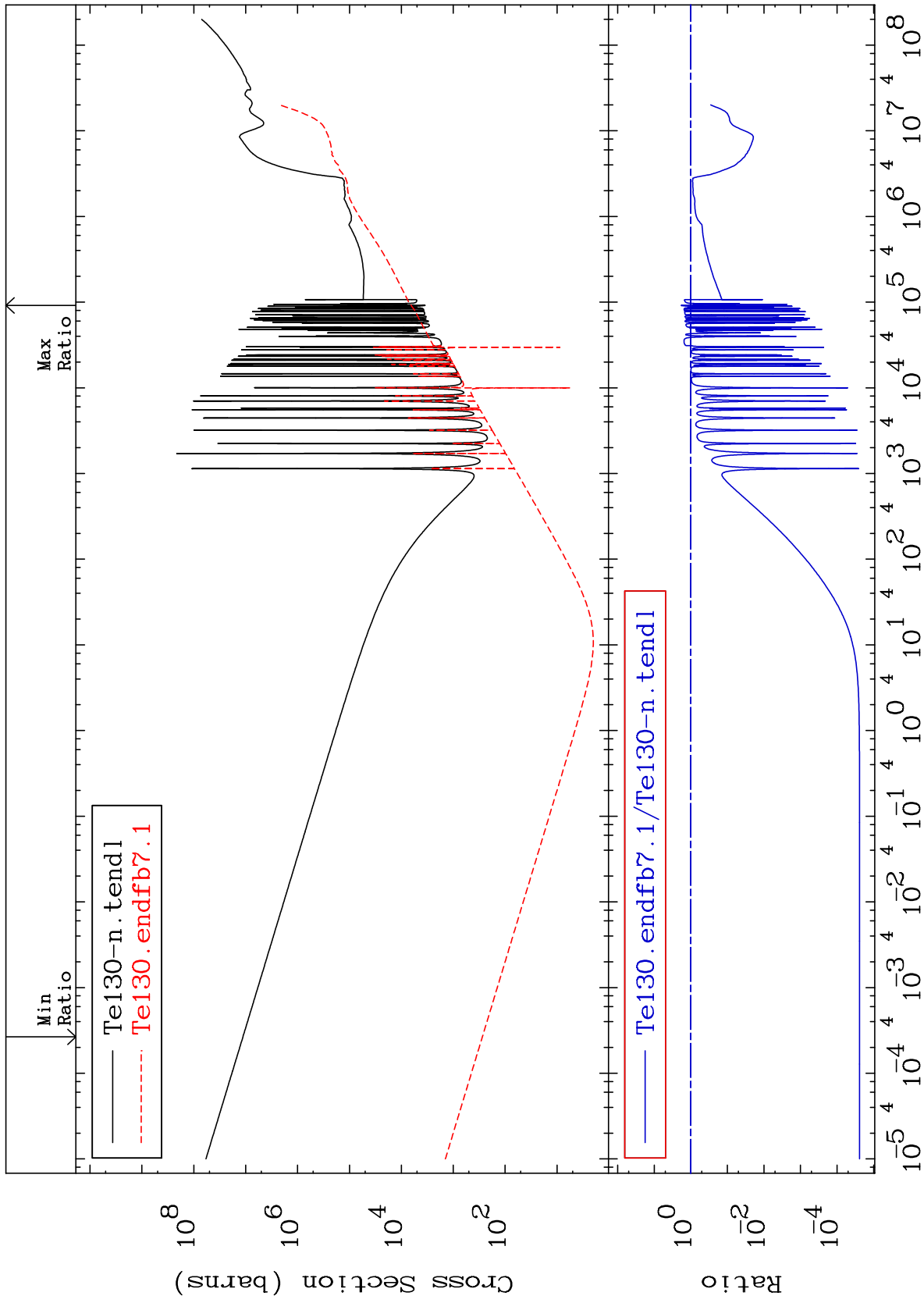
MAT 5255

Total photon (eV-barns)  
Cross Section

52-Te-130  
-99.47 To 9999. %



MAT 5255      Total kinematic kerma (high limit)      52-Te-130  
 Cross Section      -100.0 To 87.78 %



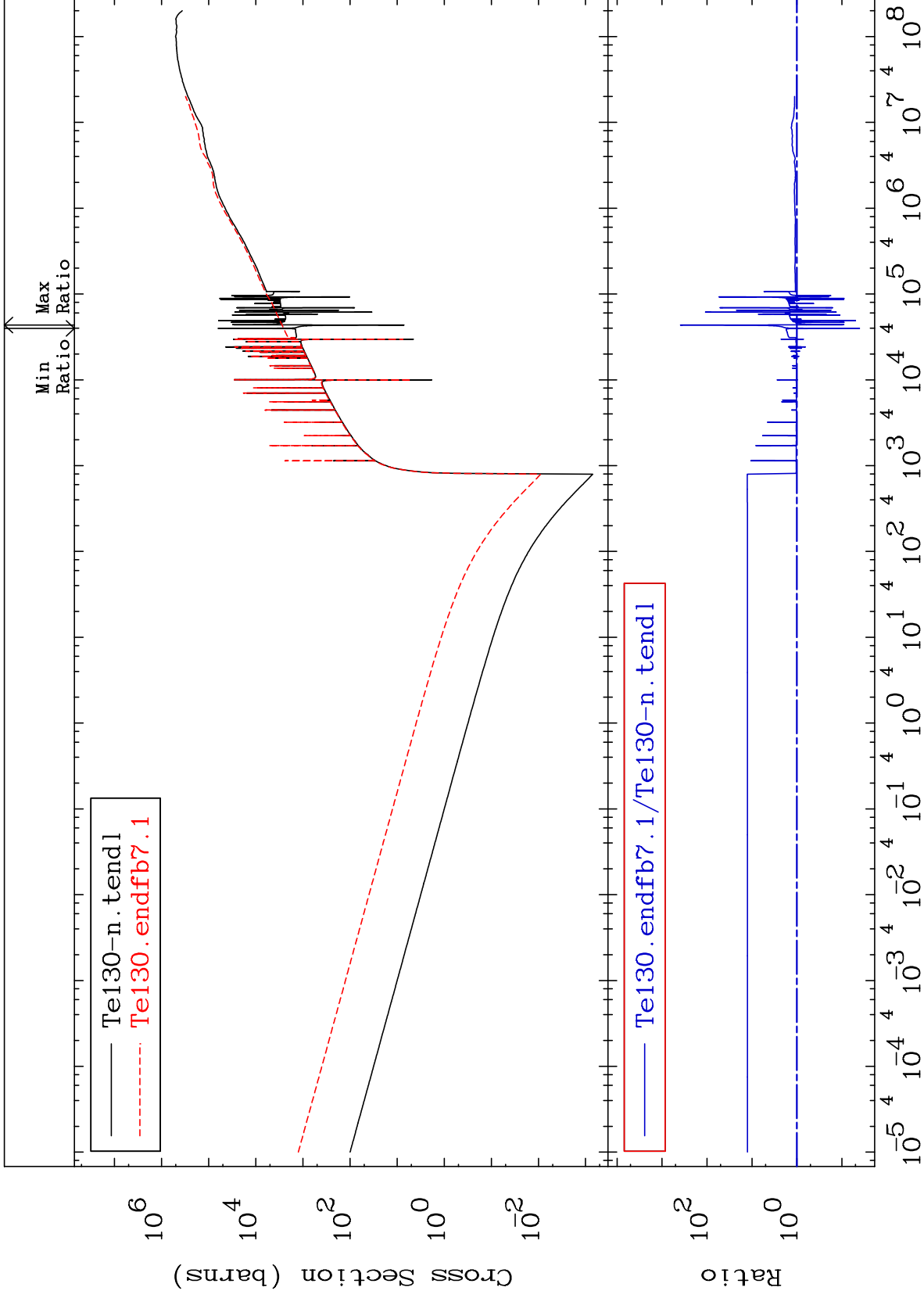
40      Incident Energy (eV)      52-Te-130



MAT 5255

Dpa total (eV-barns)  
Cross Section

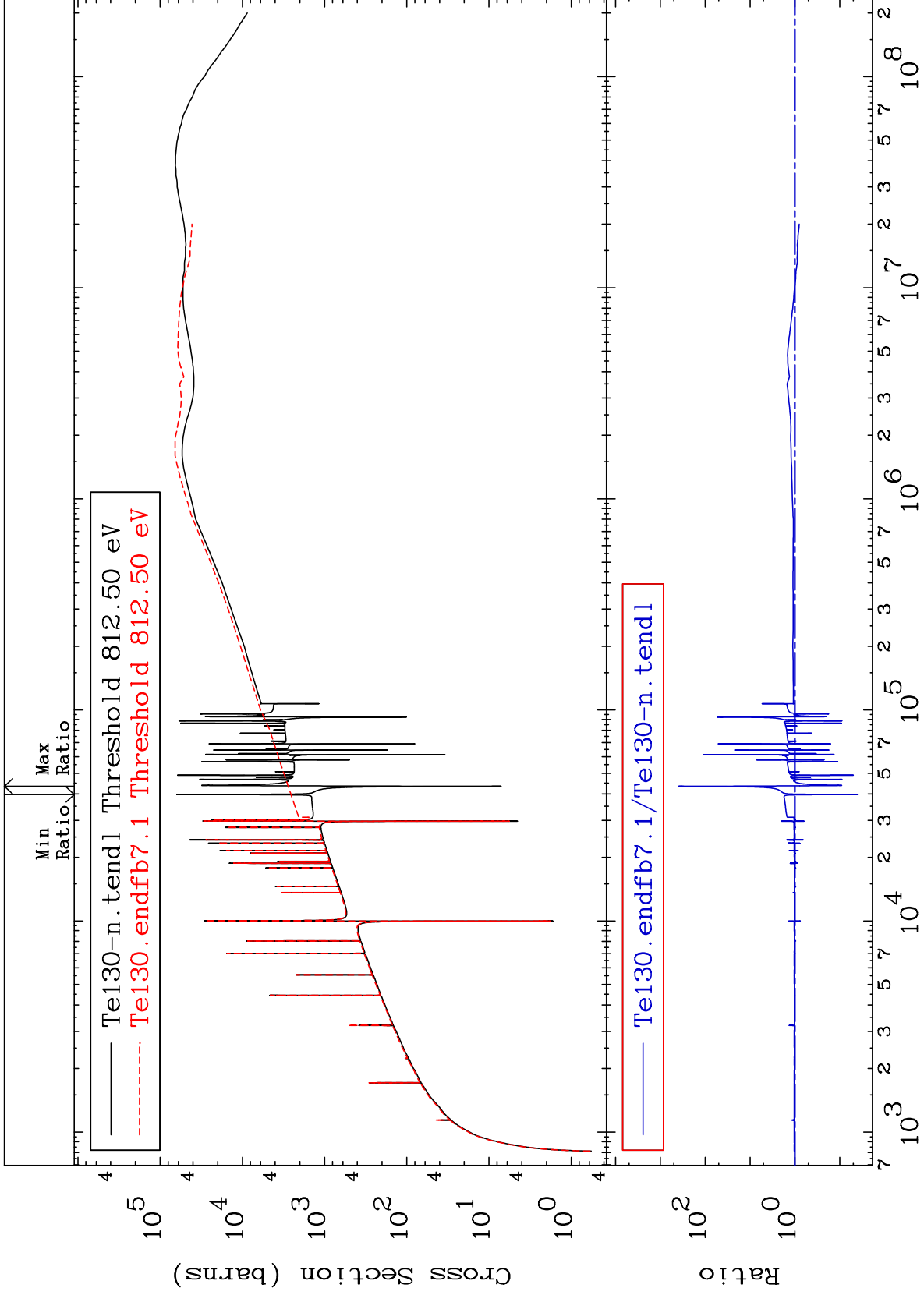
52-Te-130  
-95.92 To 9999. %

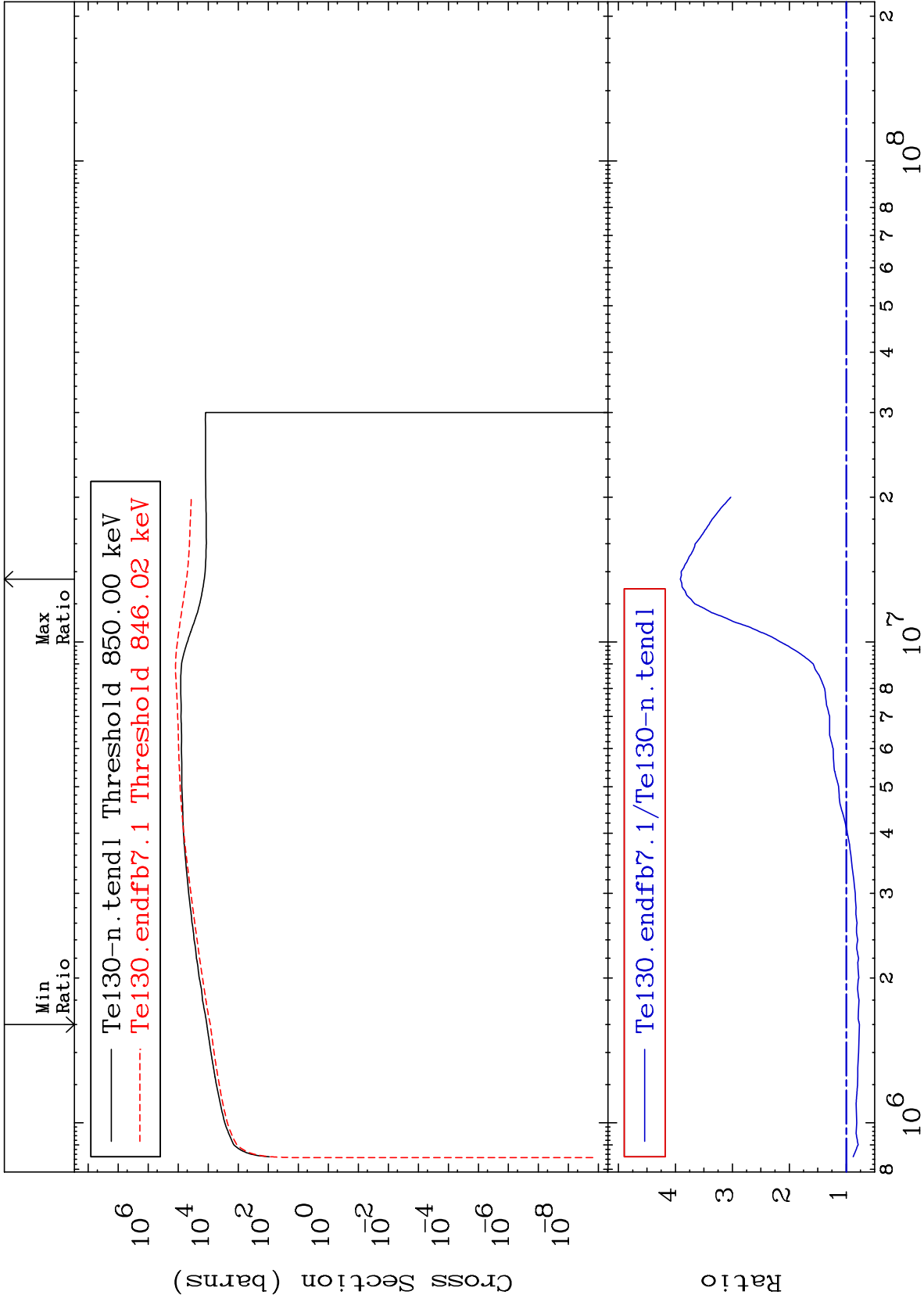


MAT 5255

Dpa elastic (mt2)  
Cross Section

52-Te-130  
-95.93 To 9999. %





MAT 5255

Dpa disappearance (mt102 -120)  
Cross Section

52-Te-130  
-76.01 To 9999. %

