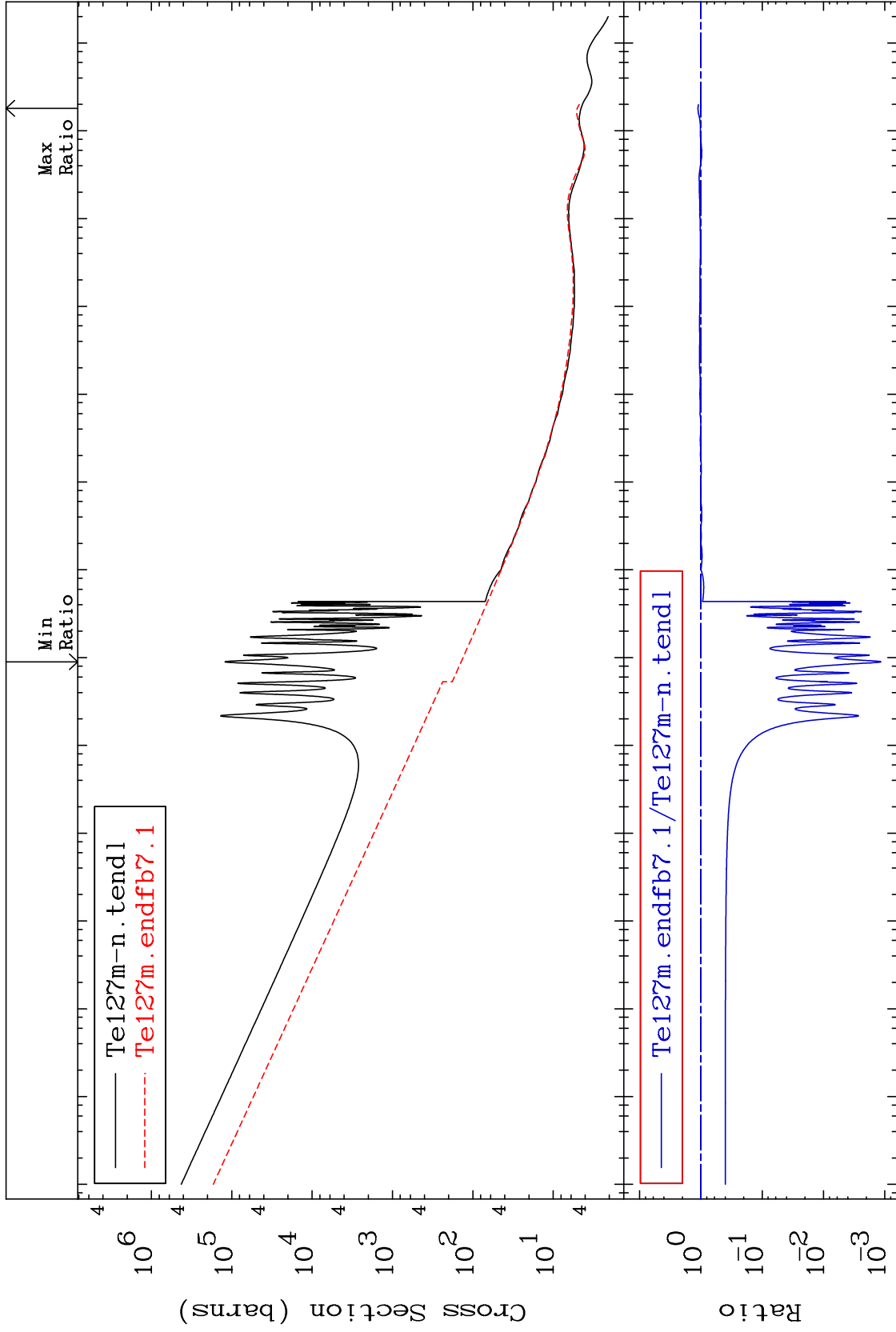


MAT 5247

Total  
Cross Section

52-Te-127  
-99.89 To 11.88 %



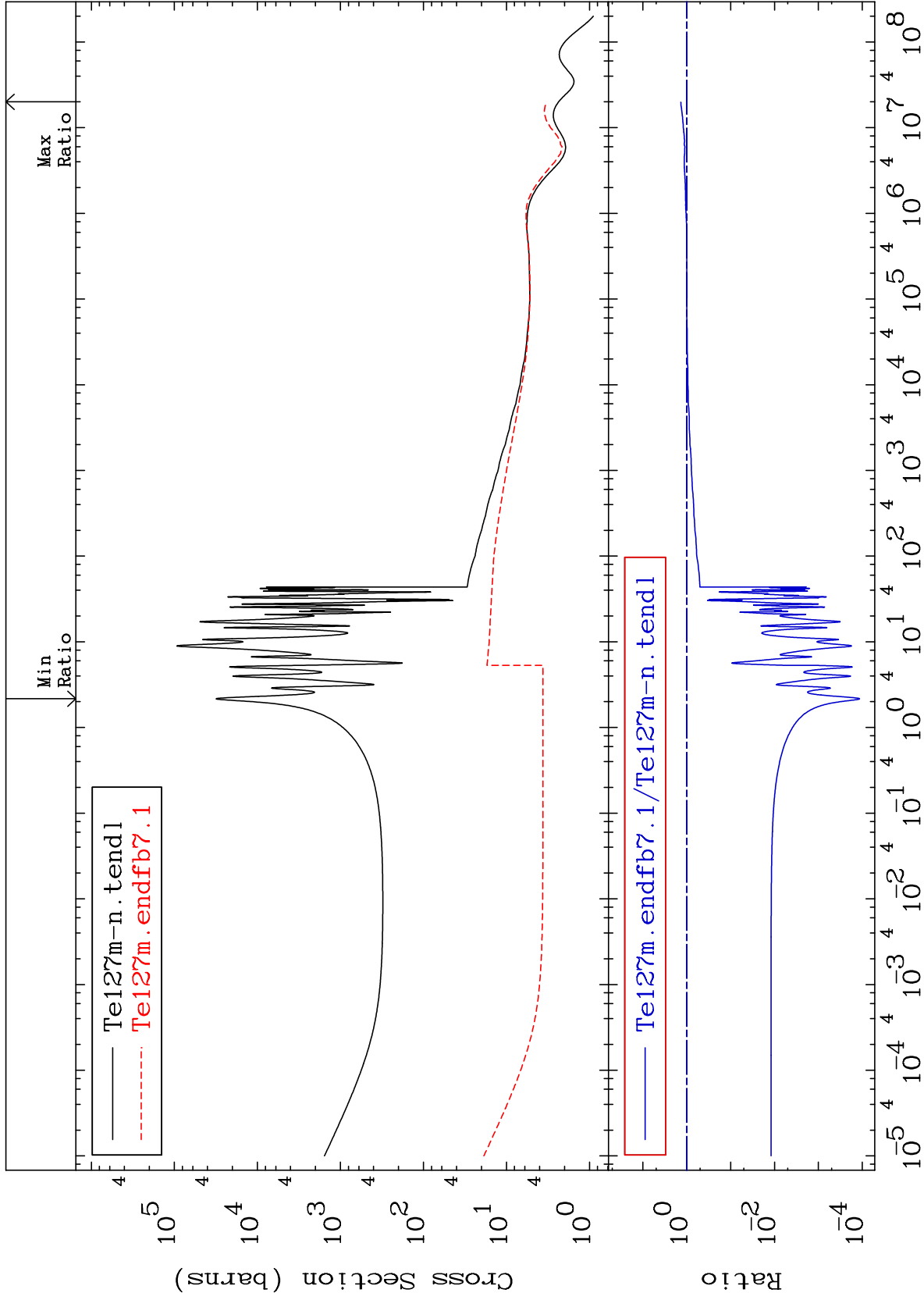
Incident Energy (eV)

52-Te-127

MAT 5247

Elastic  
Cross Section

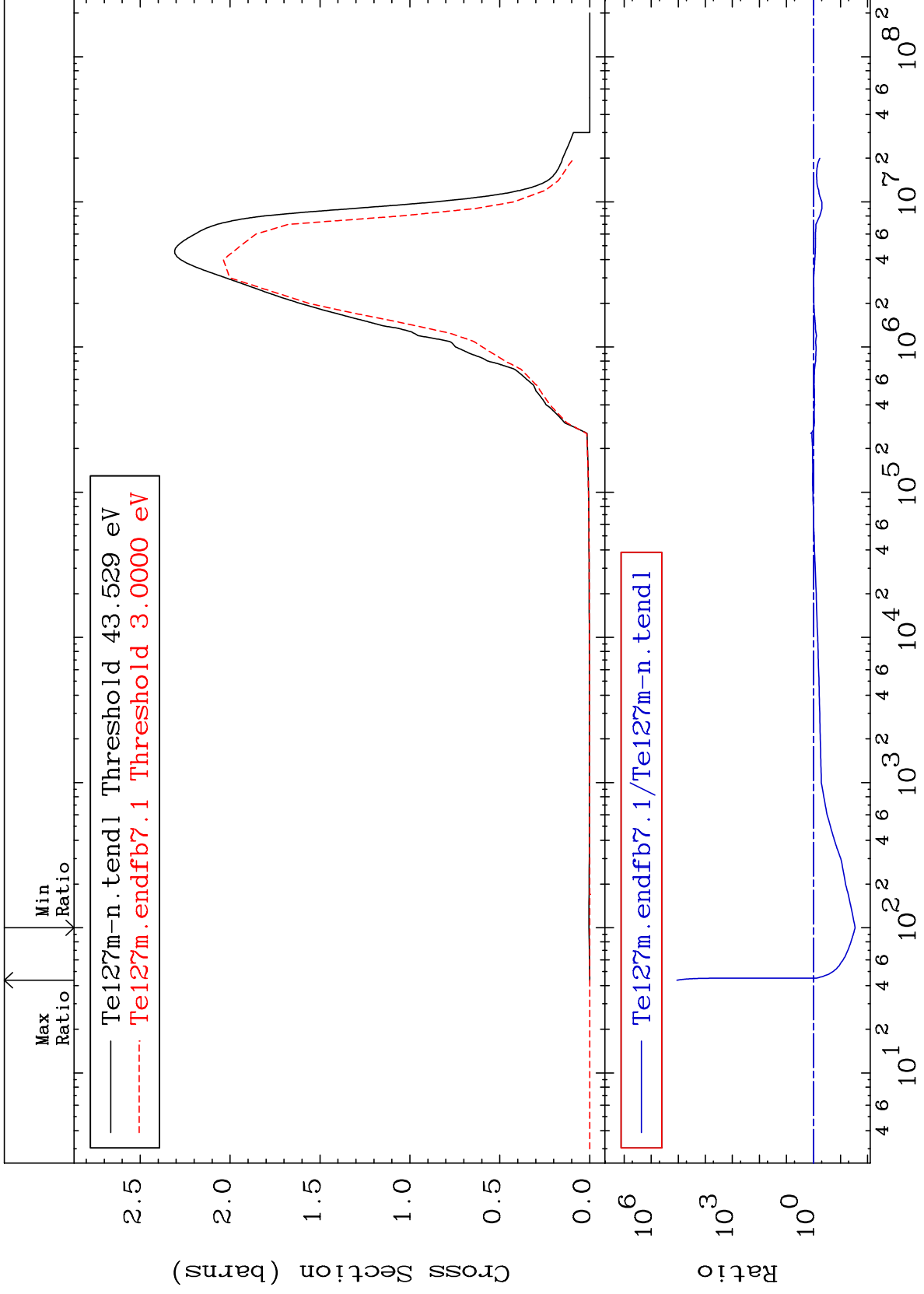
52-Te-127  
-99.99 To 37.02 %



MAT 5247

Inelastic  
Cross Section

52-Te-127  
-97.11 To 9999. %



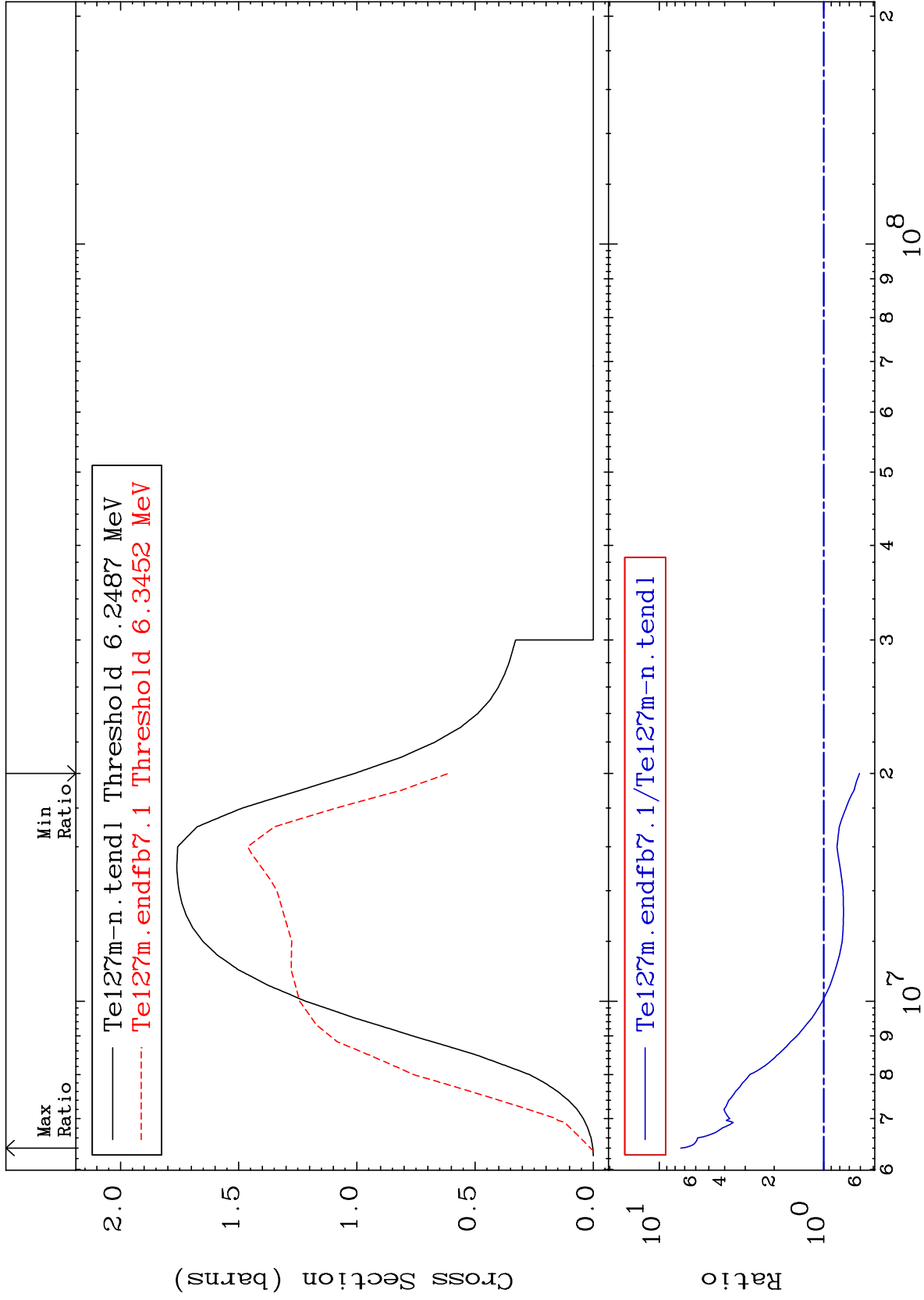
MAT 5247

(n,2n)

52-Te-127

Cross Section

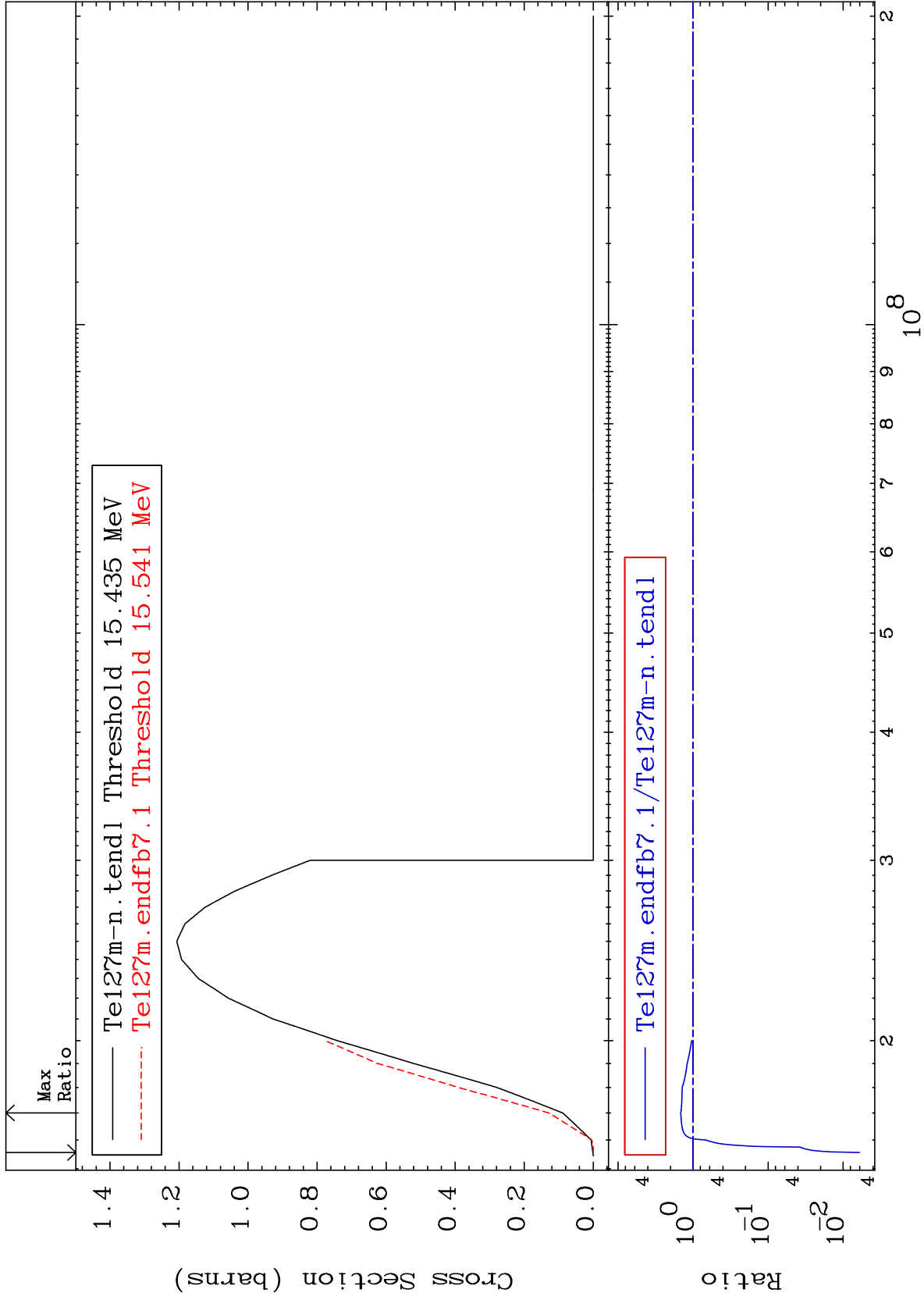
-39.35 To 639.8 %



4

Incident Energy (eV)

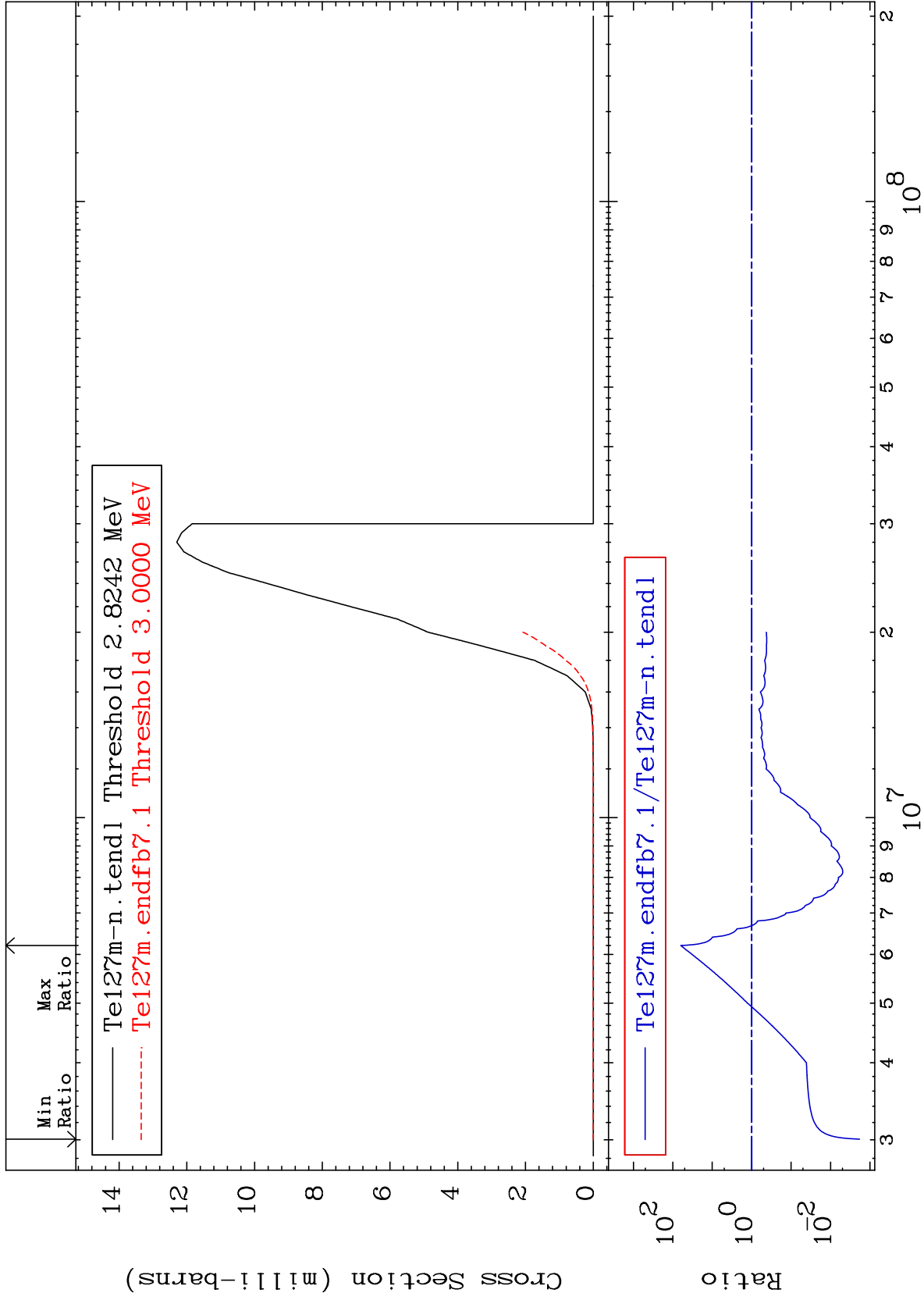
52-Te-127



MAT 5247

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

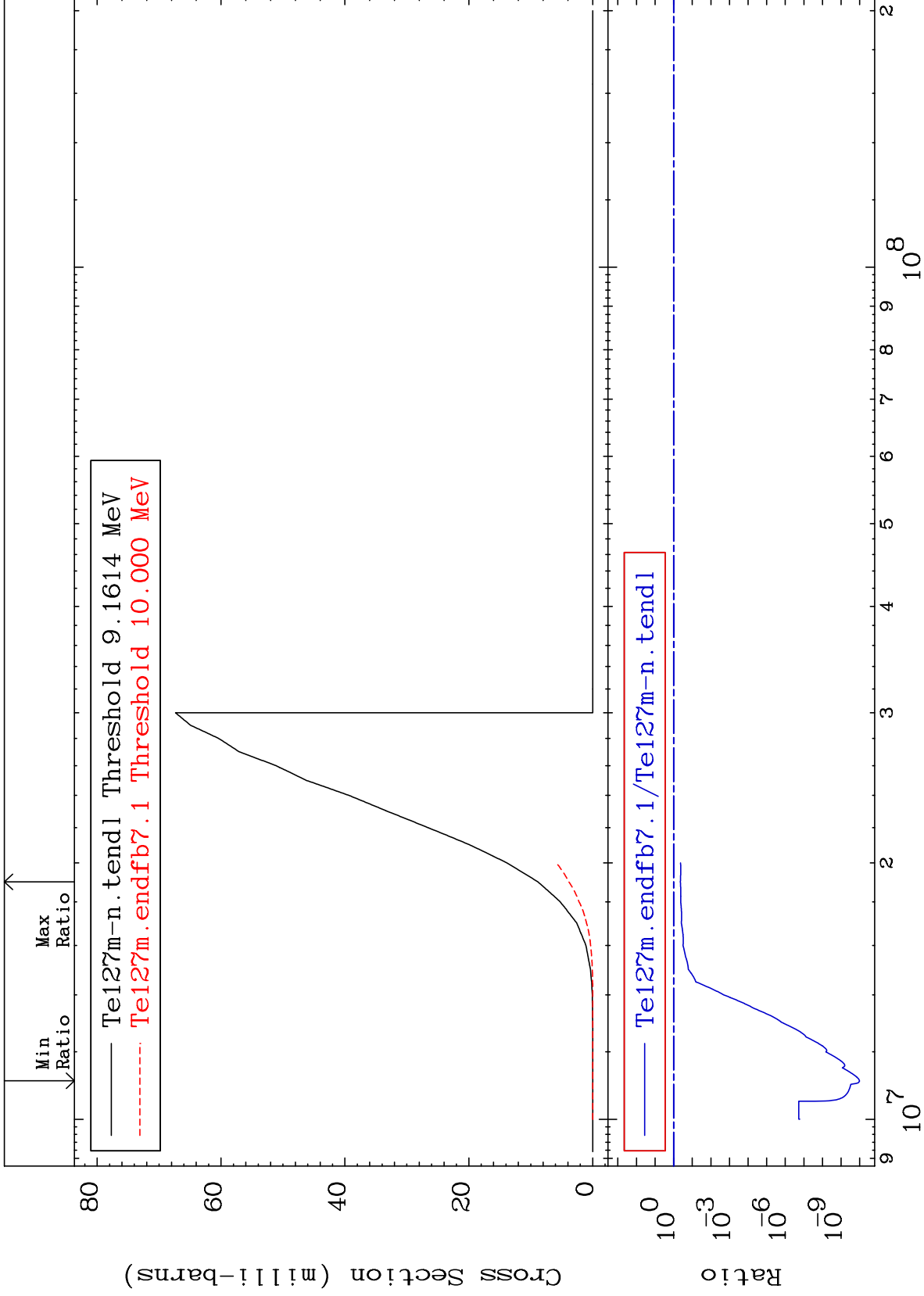
52-Te-127  
-99.82 To 6193. %



MAT 5247

(n,n') p  
Cross Section

52-Te-127  
-100.0 To -56.39%



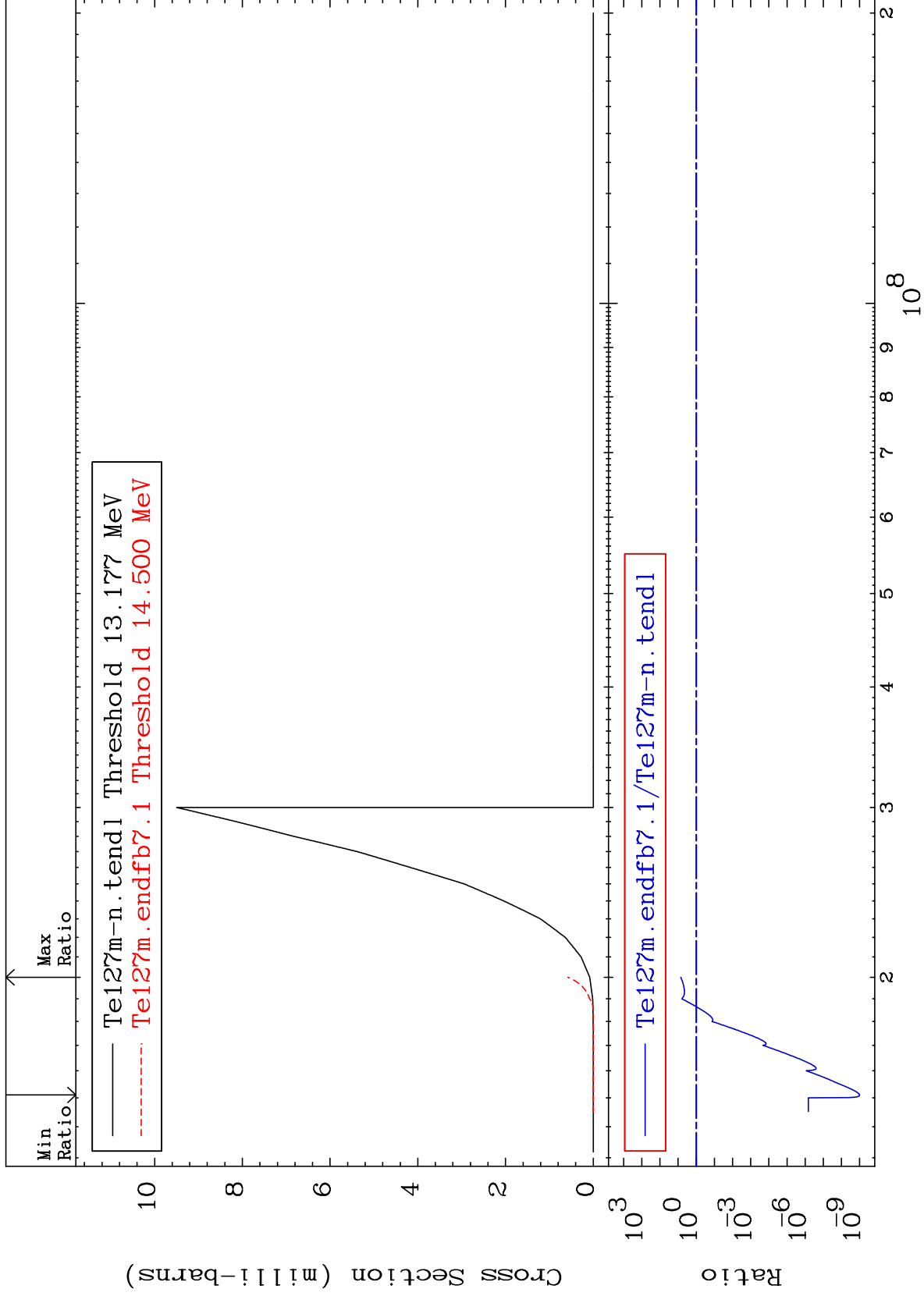
52-Te-127

52-Te-127

MAT 5247

(n,n') d  
Cross Section

52-Te-127  
-100.0 To 613.5 %

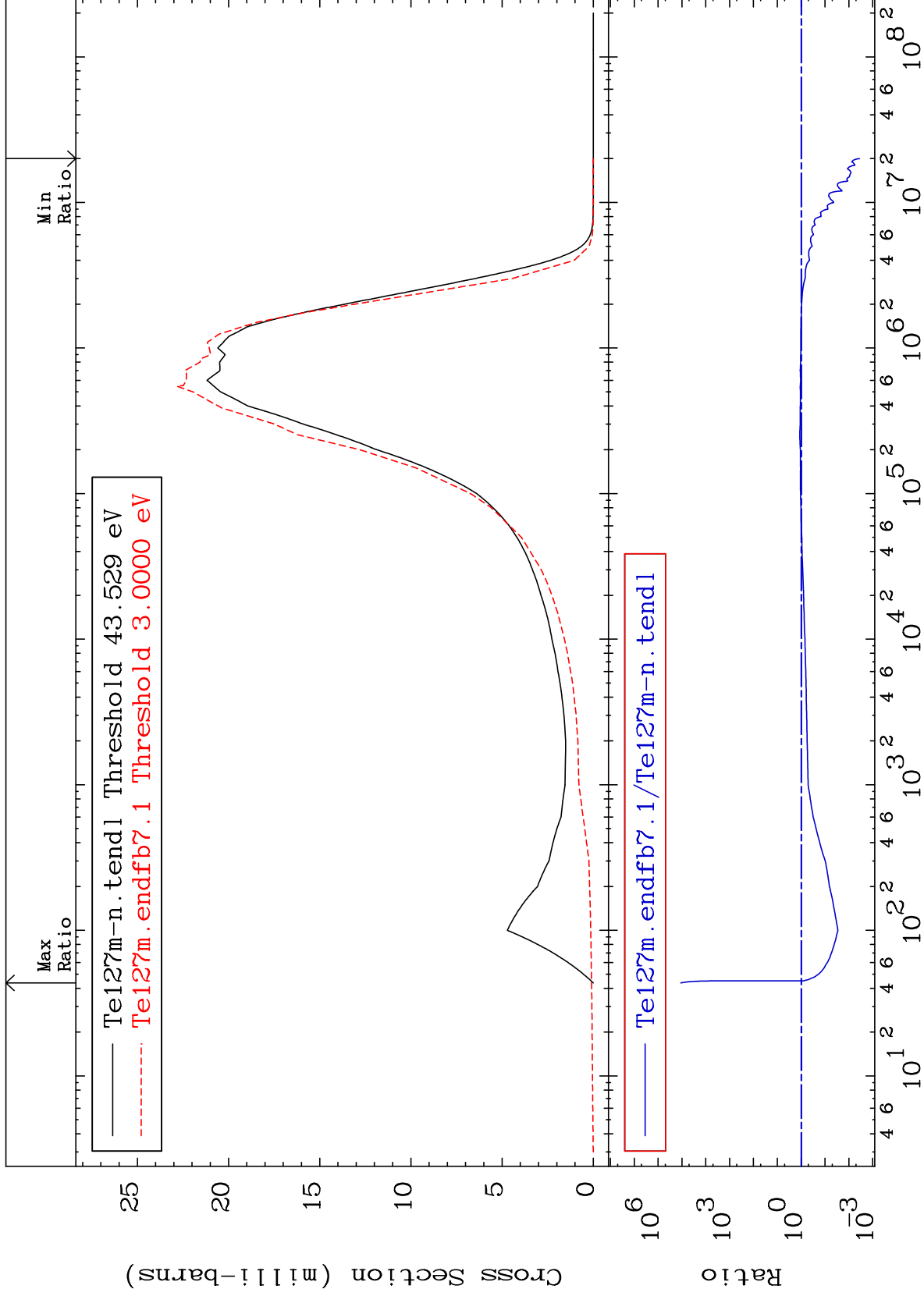




MAT 5247

0.000 keV (n,n') Level  
Cross Section

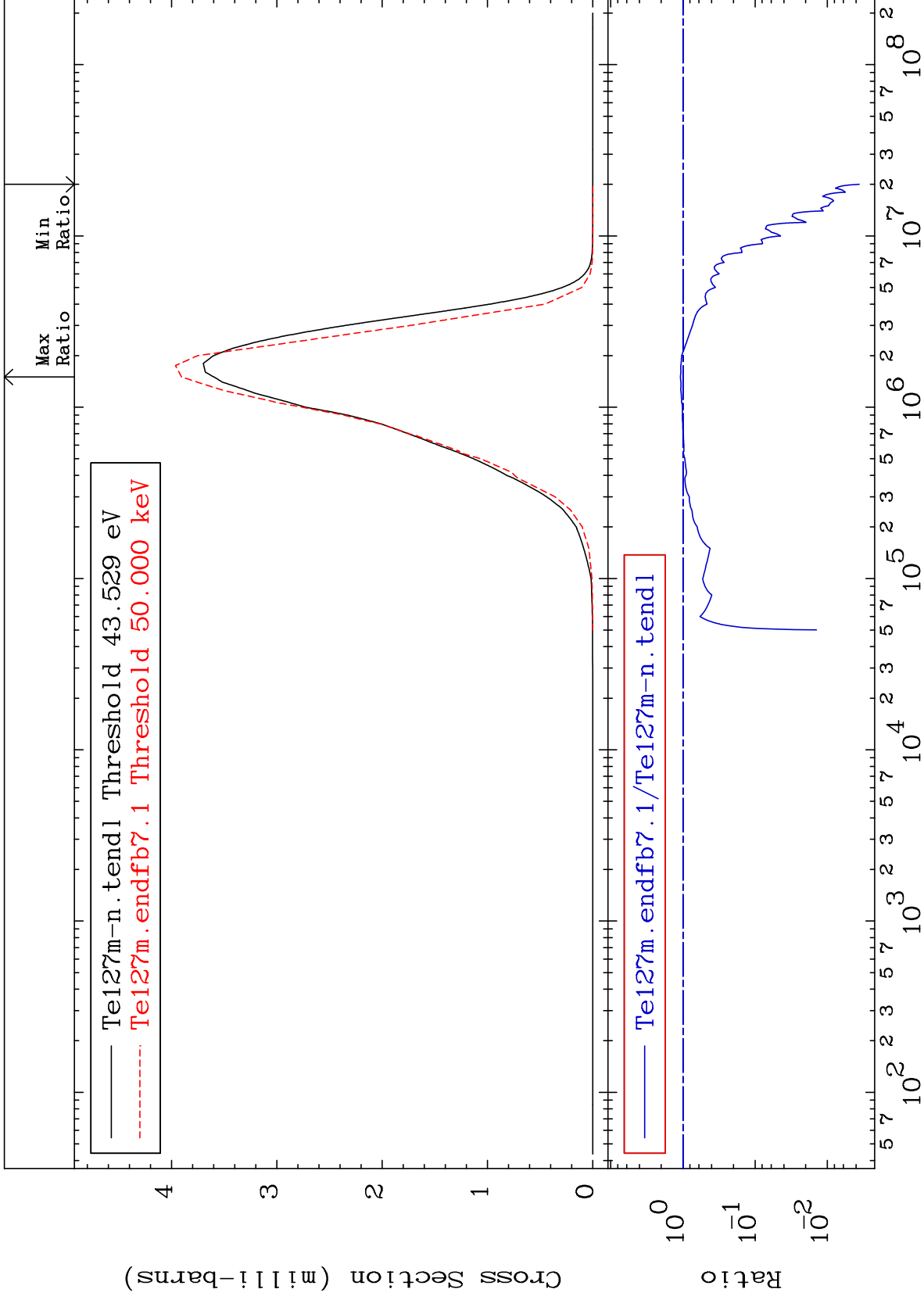
52-Te-127  
-99.64 To 9999. %



MAT 5247

61.16 keV (n,n') Level  
Cross Section

52-Te-127  
-99.64 To 8.535 %



10

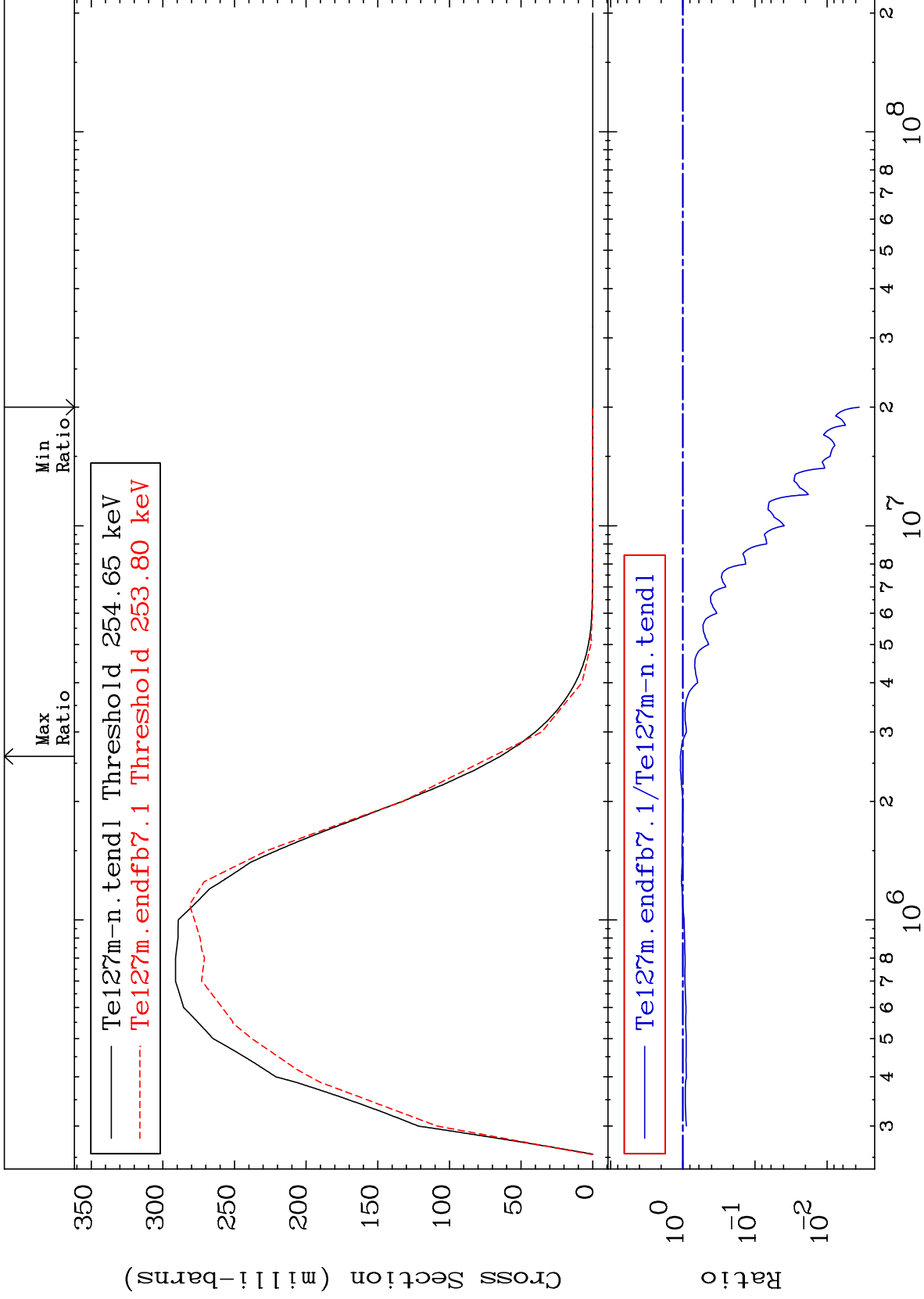
Incident Energy (eV)

52-Te-127

MAT 5247

340.9 keV (n,n') Level  
Cross Section

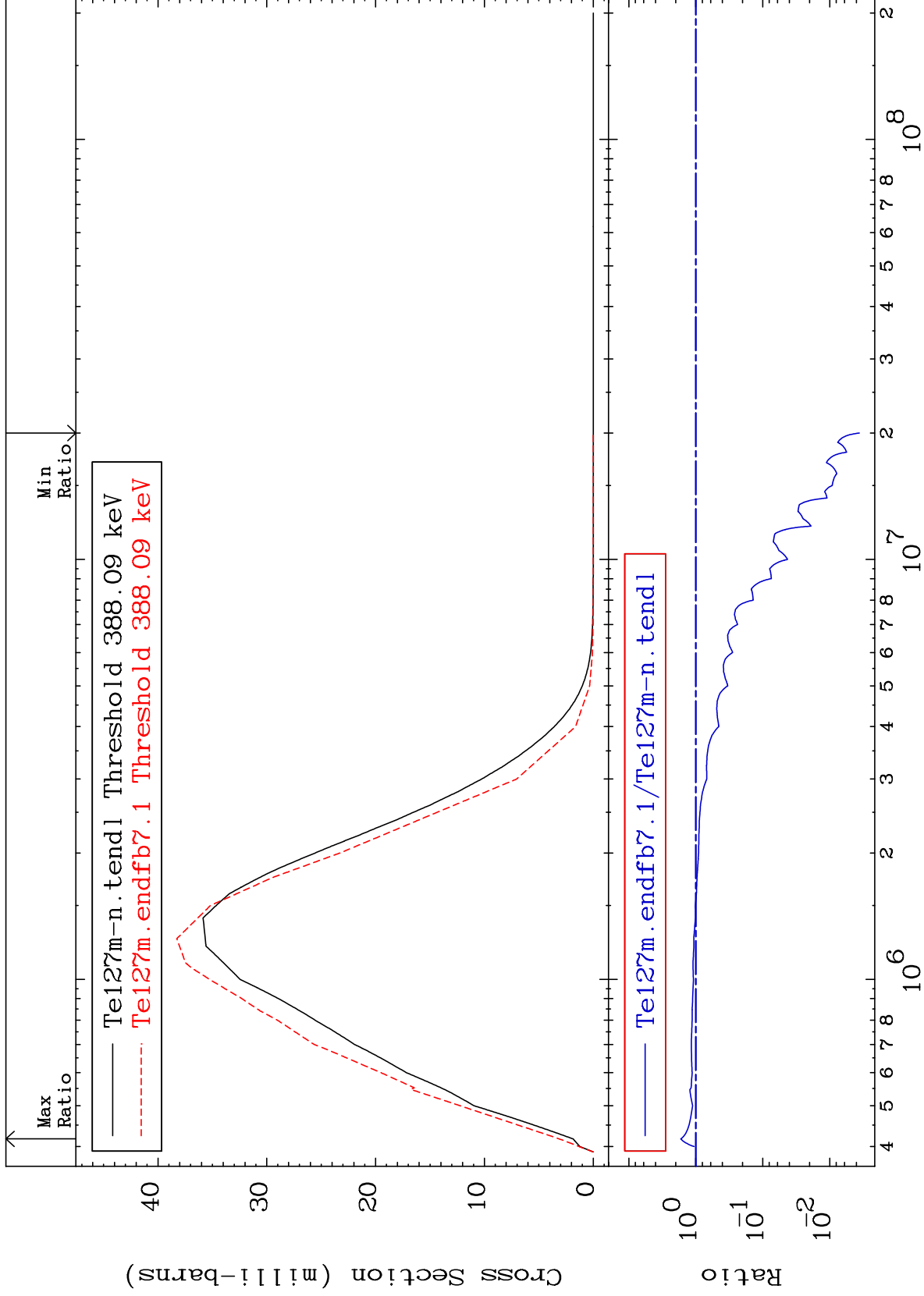
52-Te-127  
-99.64 To 8.256 %



MAT 5247

473.3 keV (n,n') Level  
Cross Section

52-Te-127  
-99.64 To 67.78 %



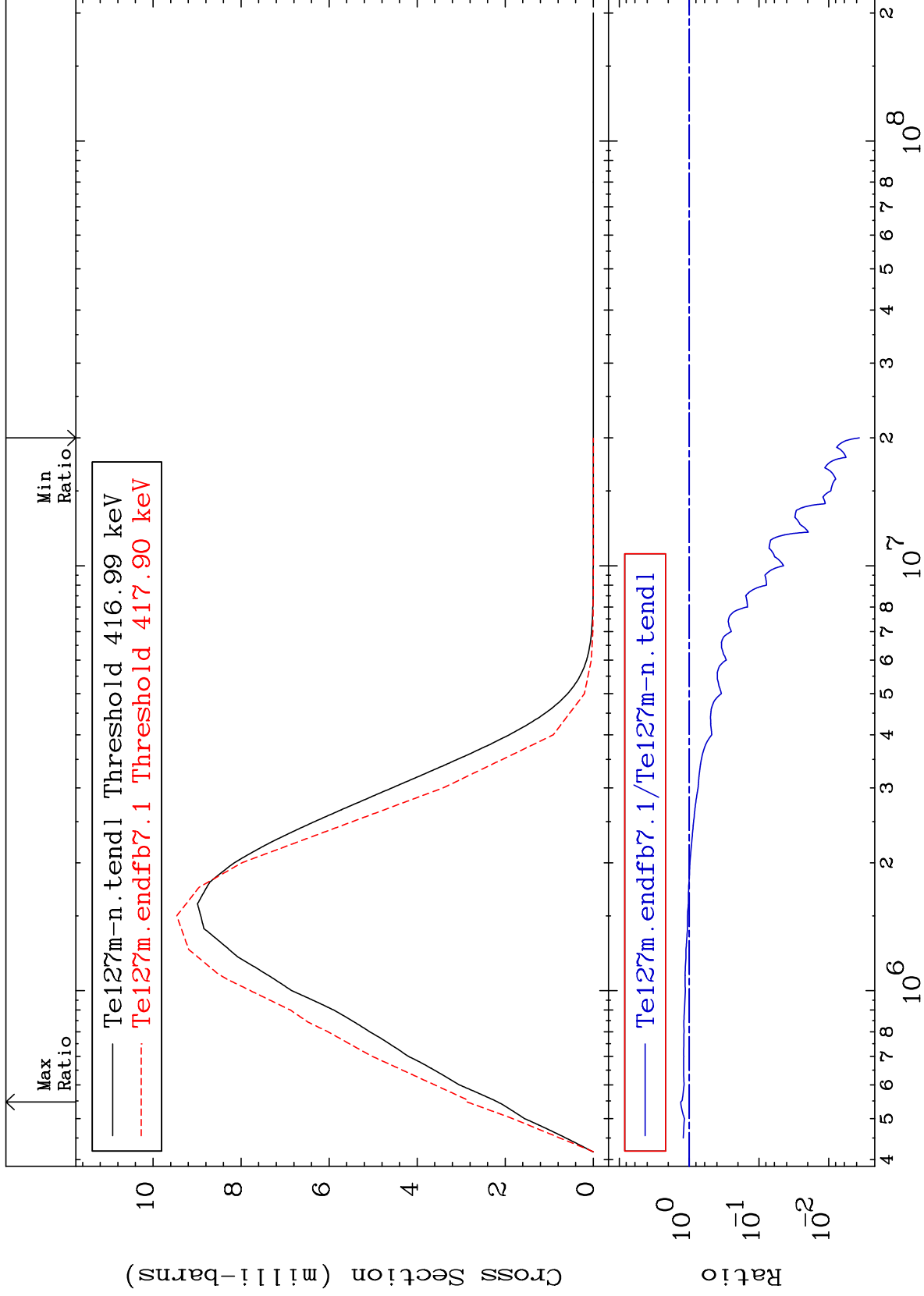
12

52-Te-127

MAT 5247

501.9 keV (n,n') Level  
Cross Section

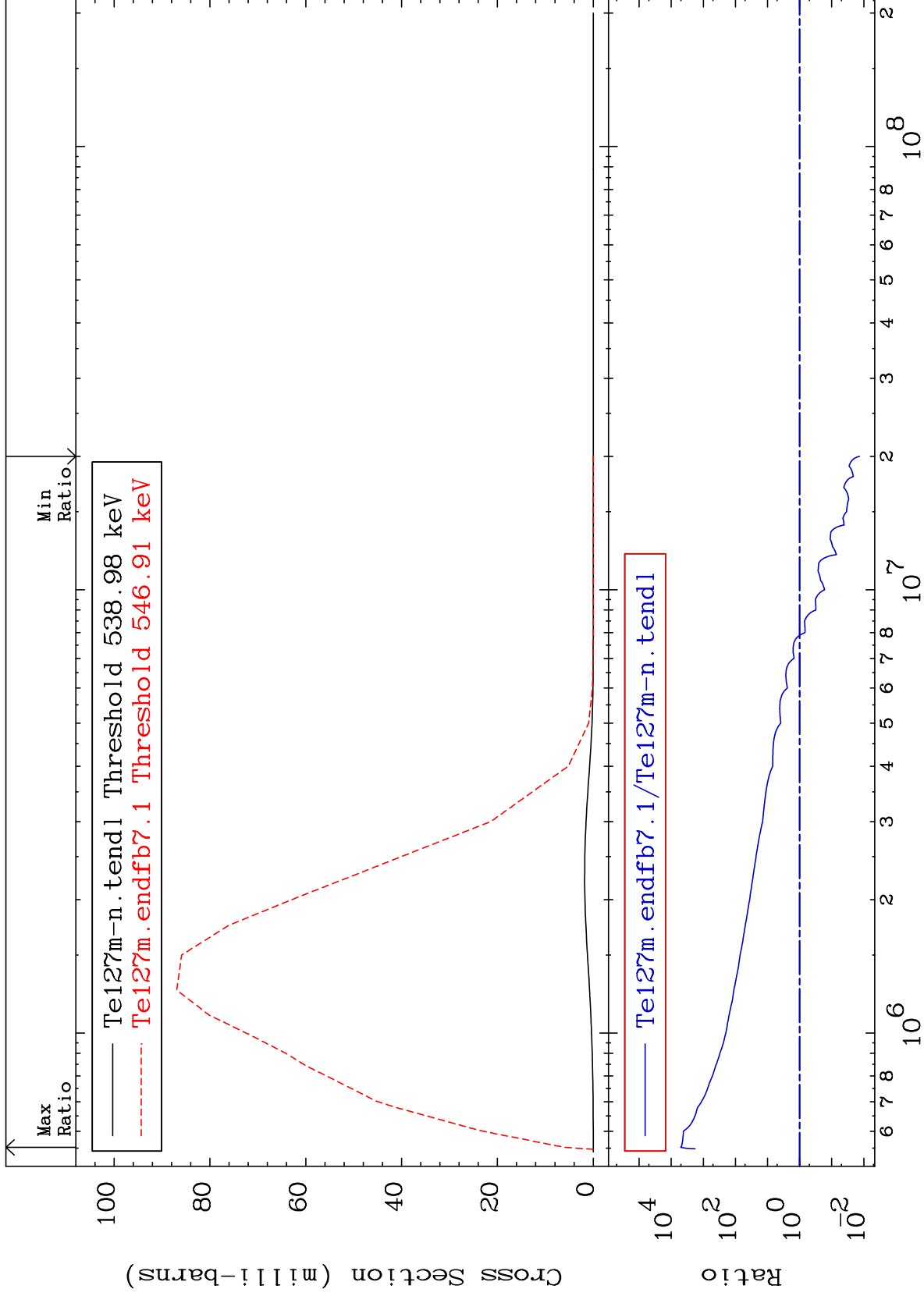
52-Te-127  
-99.64 To 32.01 %



MAT 5247

623.0 keV (n,n') Level  
Cross Section

52-Te-127  
-98.64 To 9999. %



14

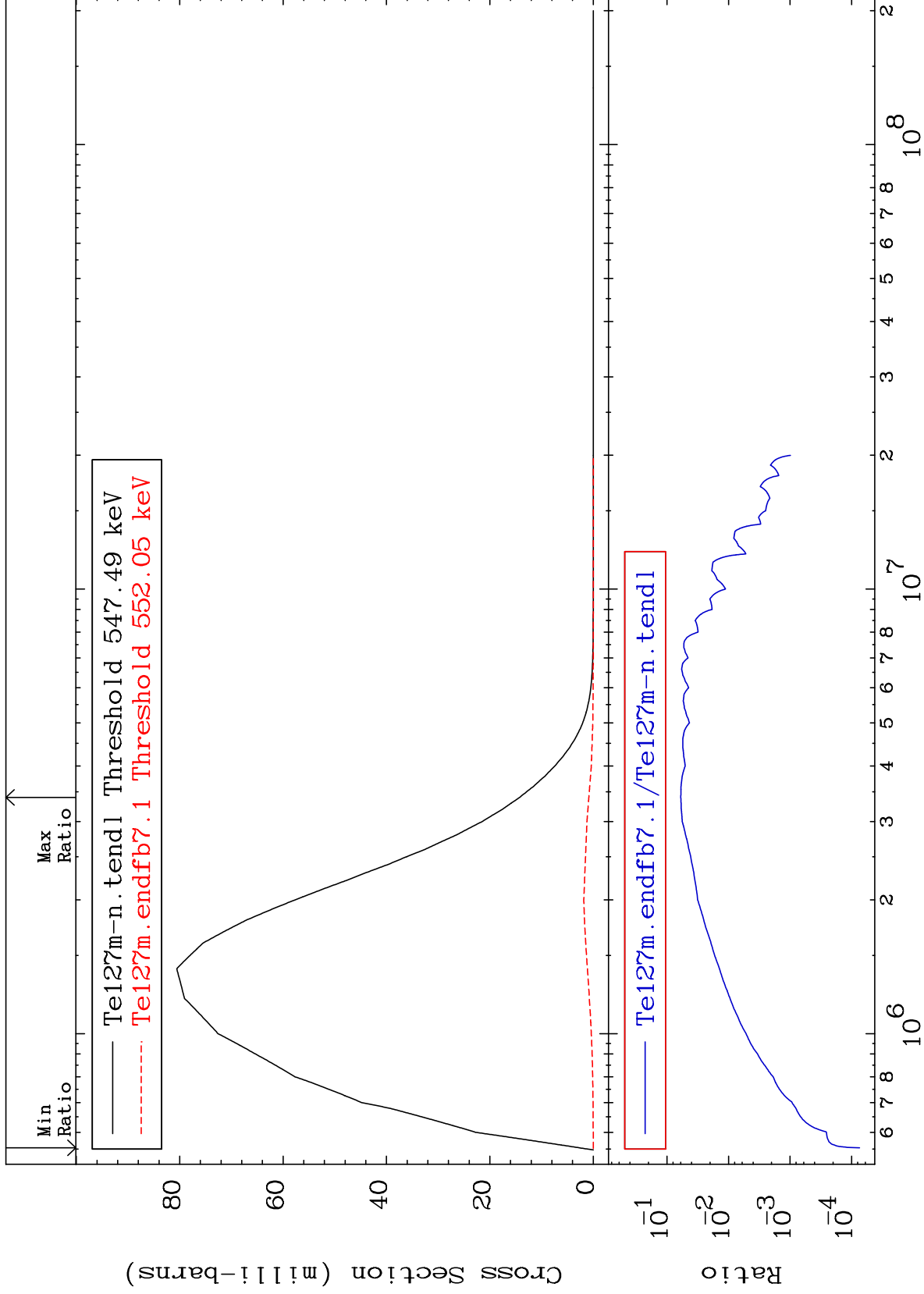
Incident Energy (eV)

52-Te-127

MAT 5247

631.4 keV (n,n') Level  
Cross Section

52-Te-127  
-99.99 To -94.01%



15

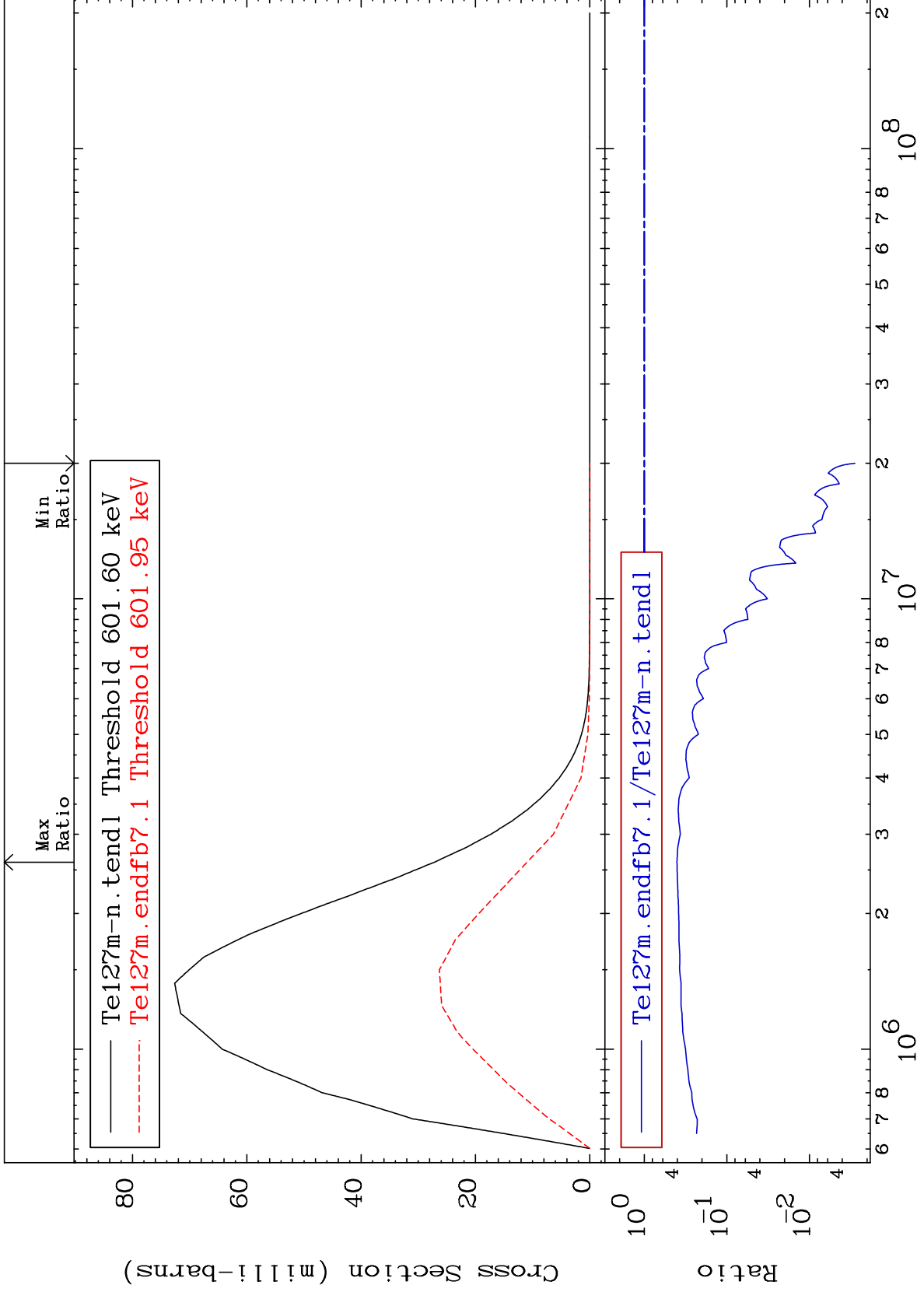
Incident Energy (eV)

52-Te-127

MAT 5247

685.1 keV (n,n') Level  
Cross Section

52-Te-127  
-99.72 To -59.65%



16

Incident Energy (eV)

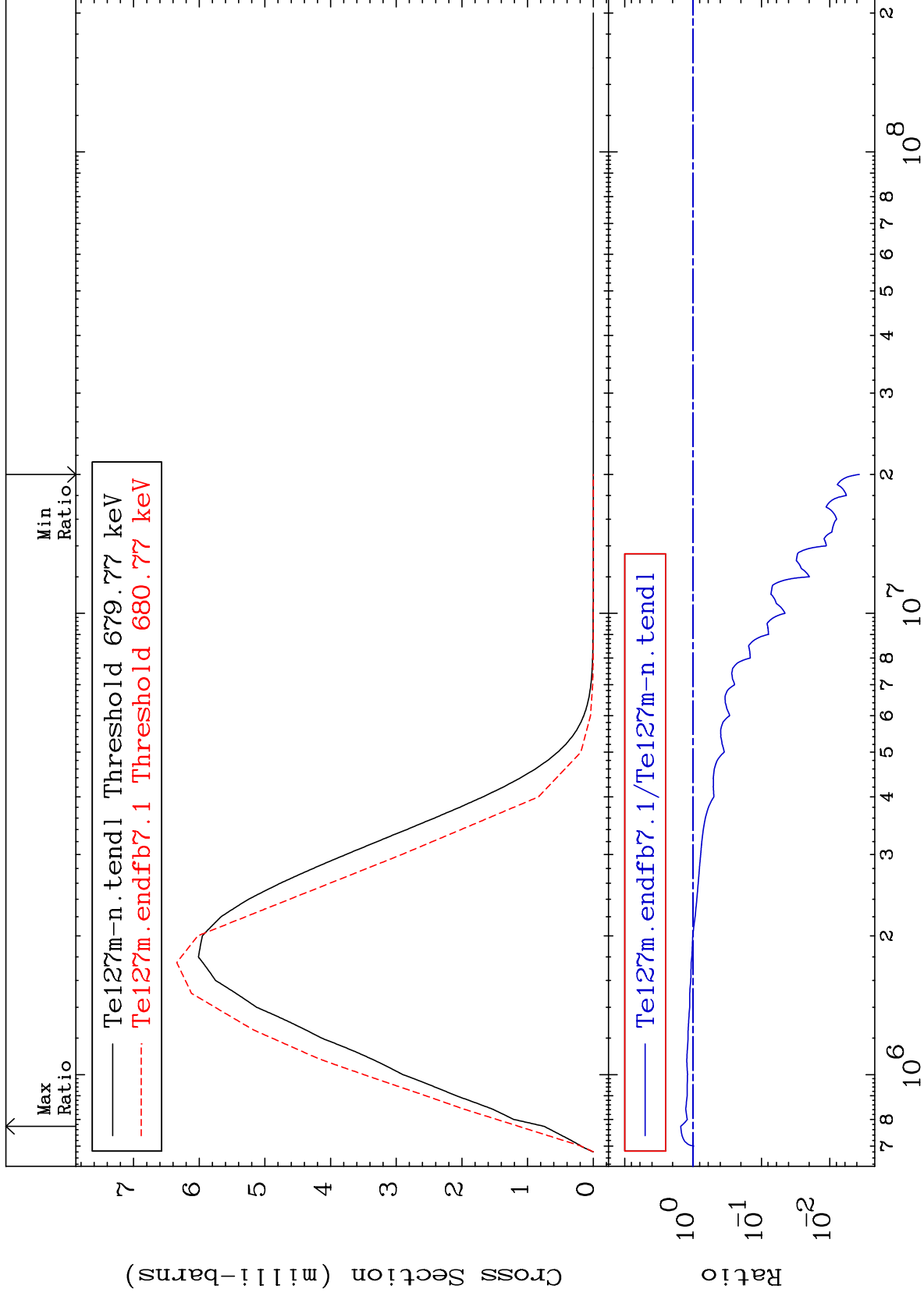
52-Te-127



MAT 5247

762.6 keV (n,n') Level  
Cross Section

52-Te-127  
-99.63 To 51.39 %



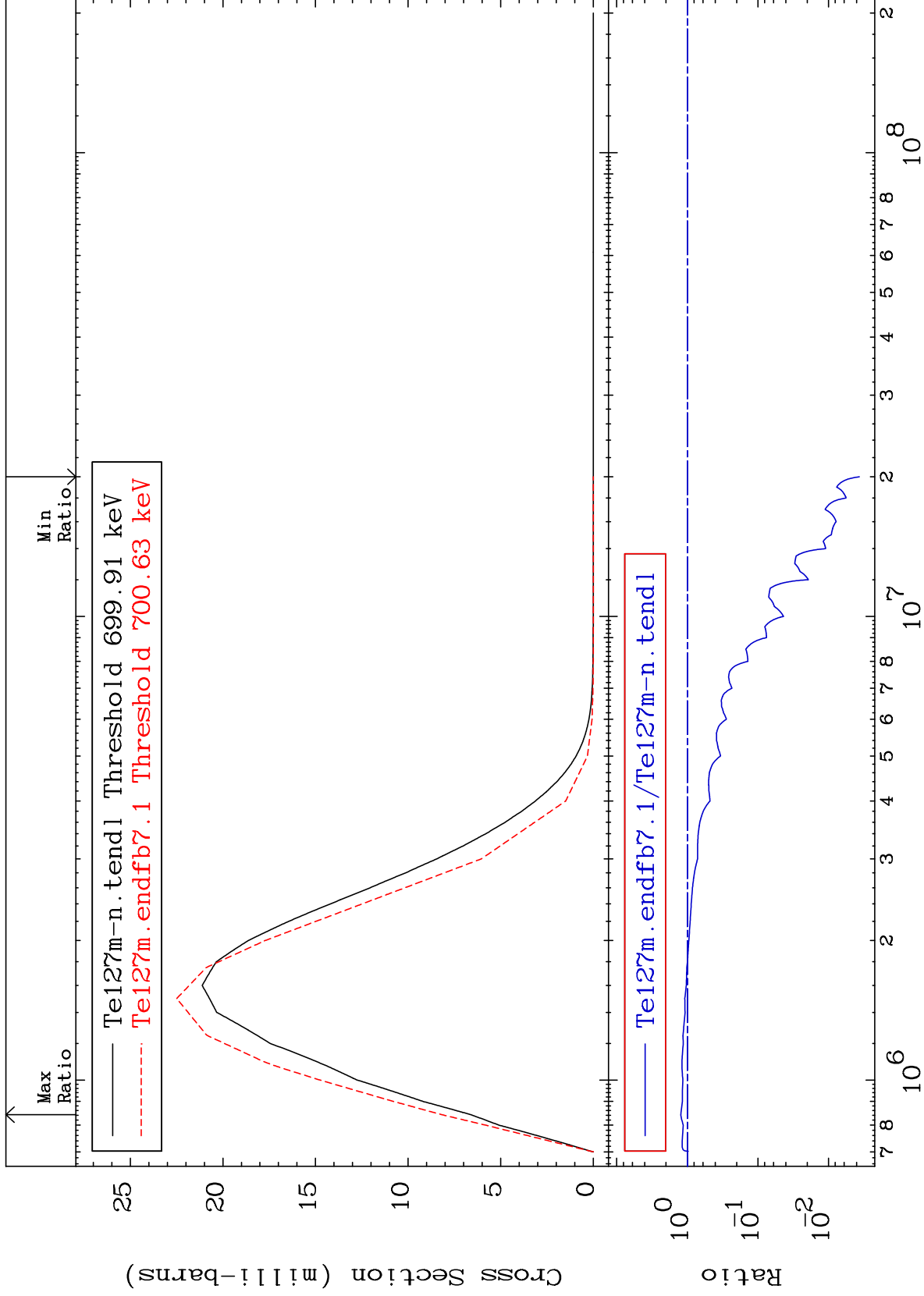
17

52-Te-127

MAT 5247

782.6 keV (n,n') Level  
Cross Section

52-Te-127  
-99.64 To 23.70 %



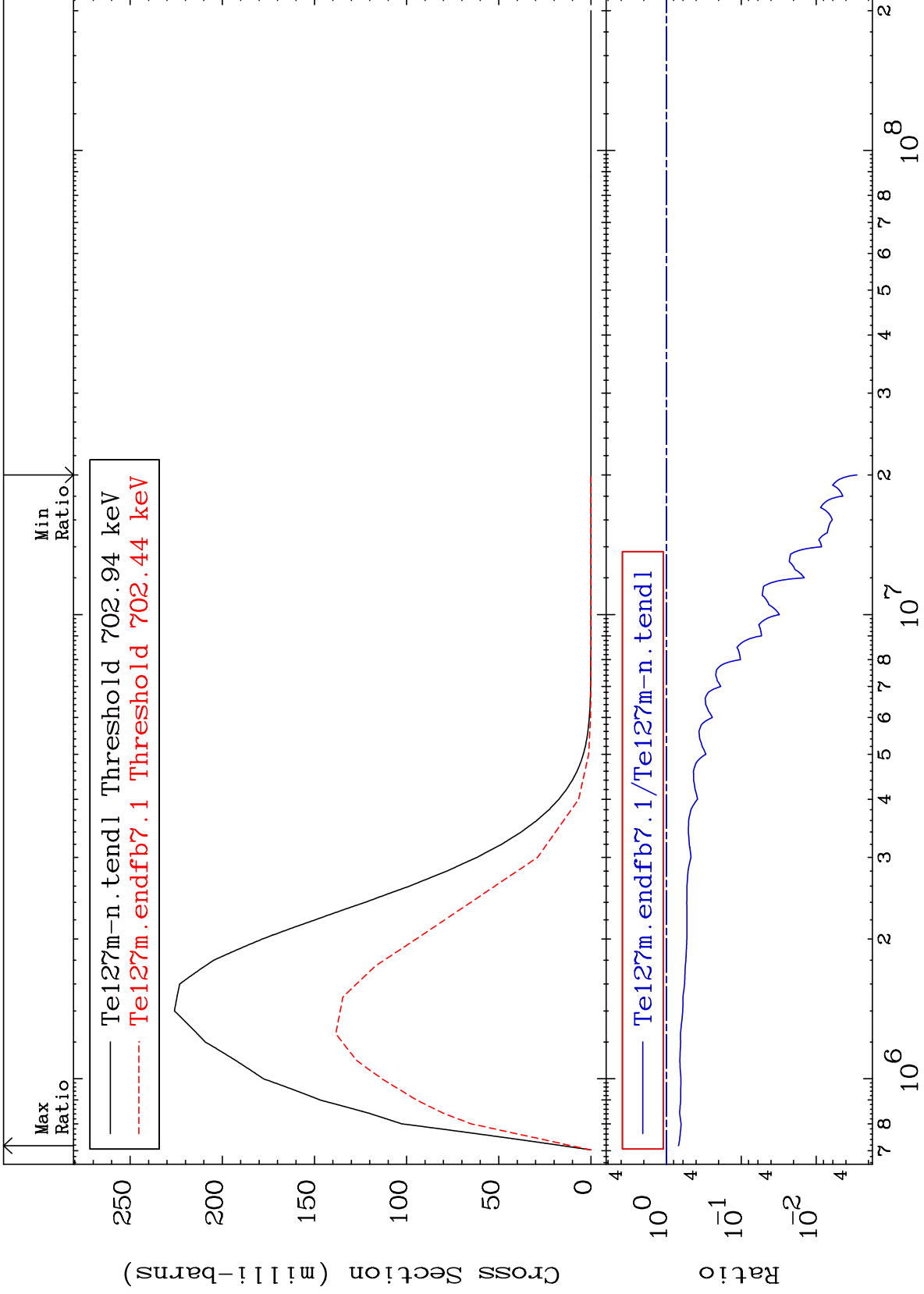
18

52-Te-127

MAT 5247

785.6 keV (n,n') Level  
Cross Section

52-Te-127  
-99.72 To -31.13%



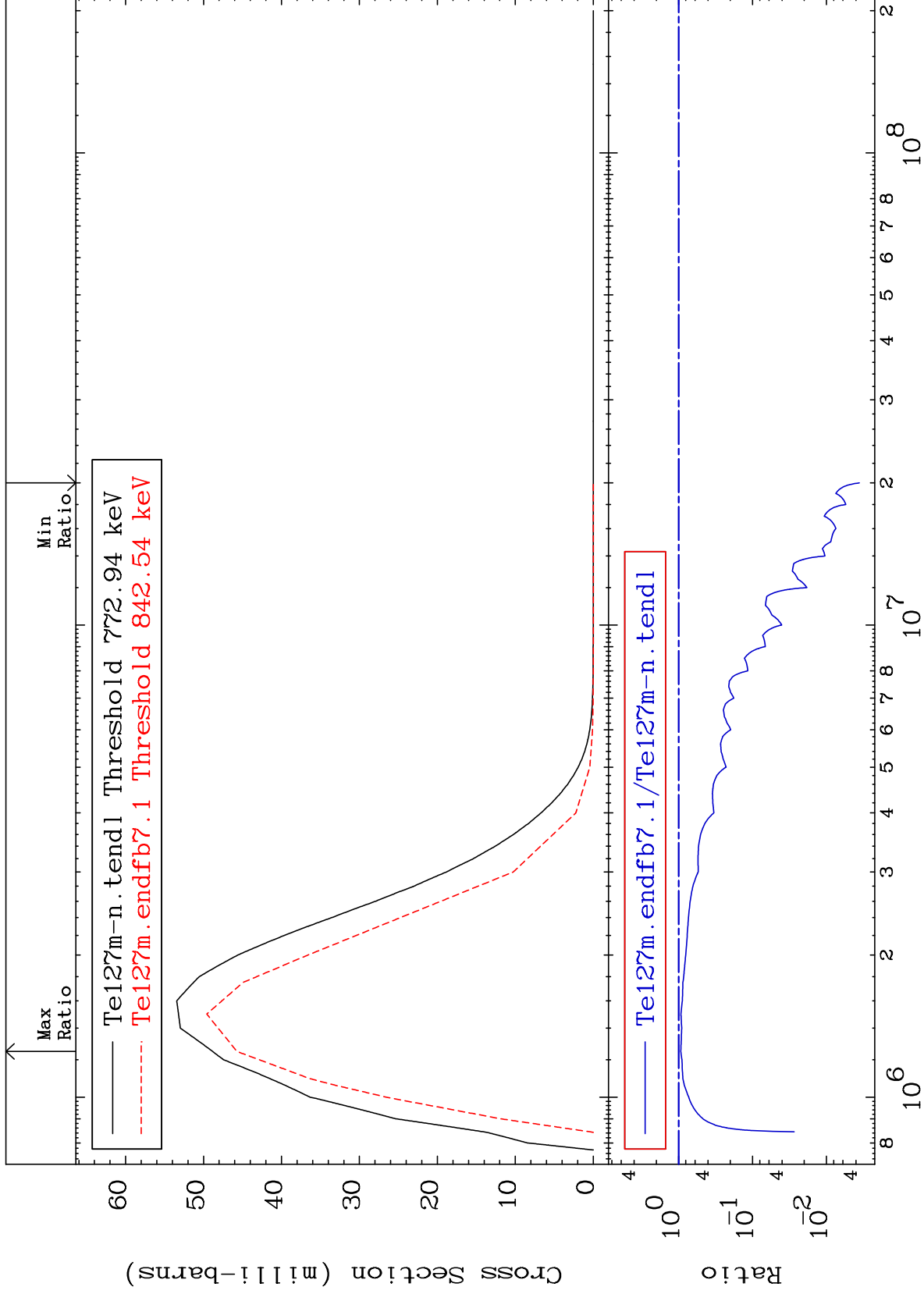
MAT 5247

855.1 keV (n,n') Level

52-Te-127

Cross Section

-99.64 To -6.384%



20

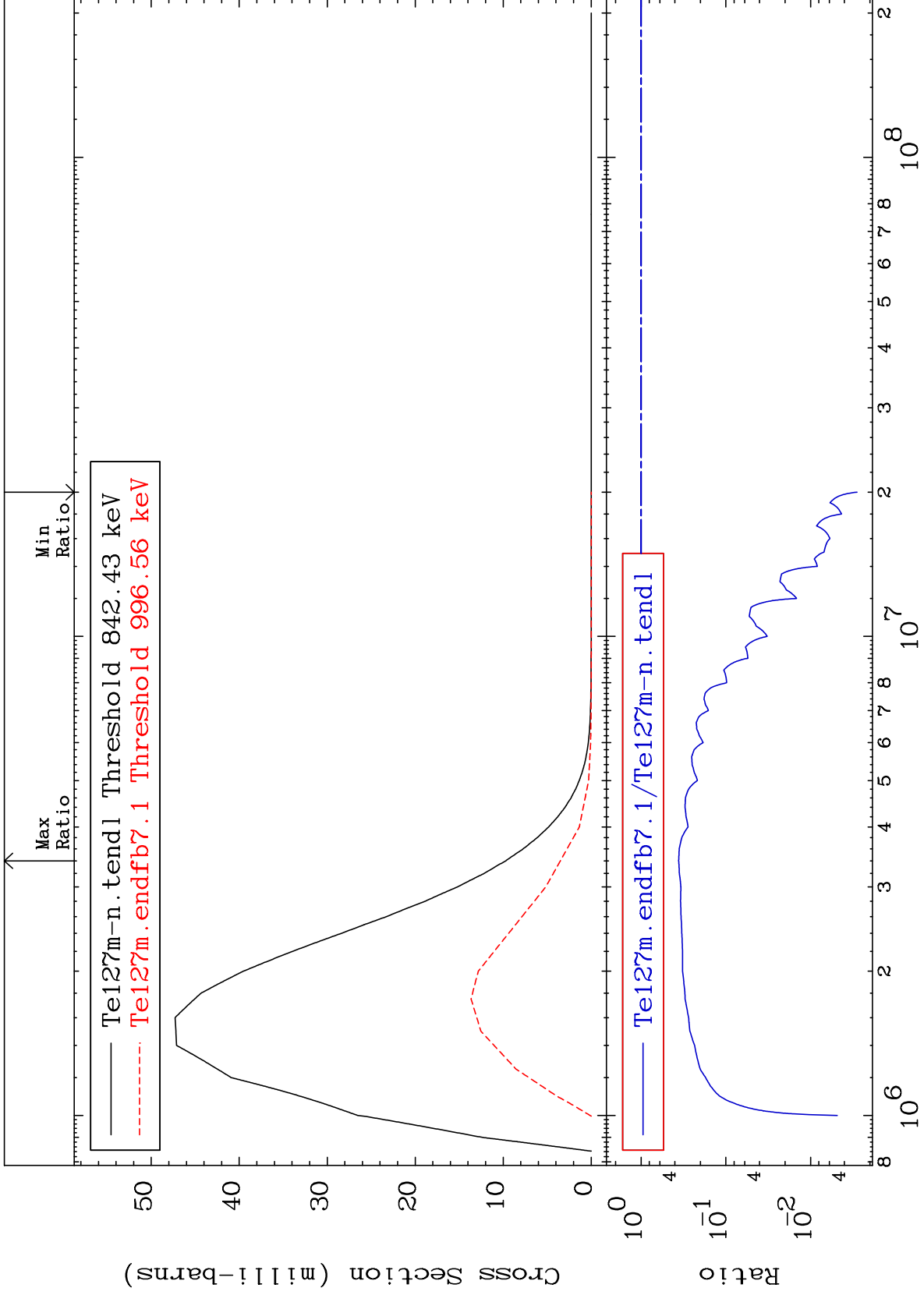
Incident Energy (eV)

52-Te-127

MAT 5247

924.0 keV (n,n') Level  
Cross Section

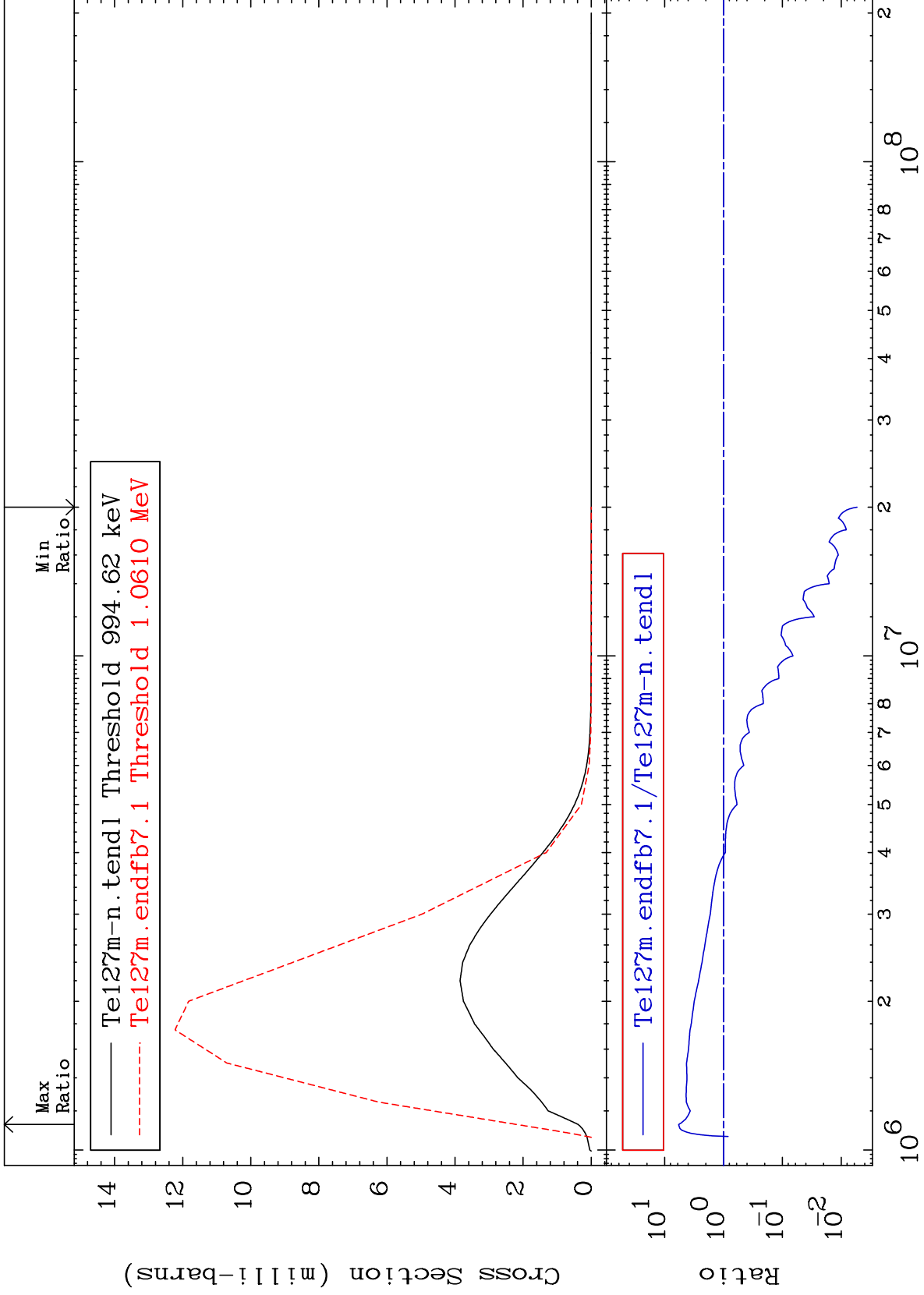
52-Te-127  
-99.72 To -63.94%



MAT 5247

1.075 MeV (n,n') Level  
Cross Section

52-Te-127  
-99.46 To 479.2 %



22

52-Te-127

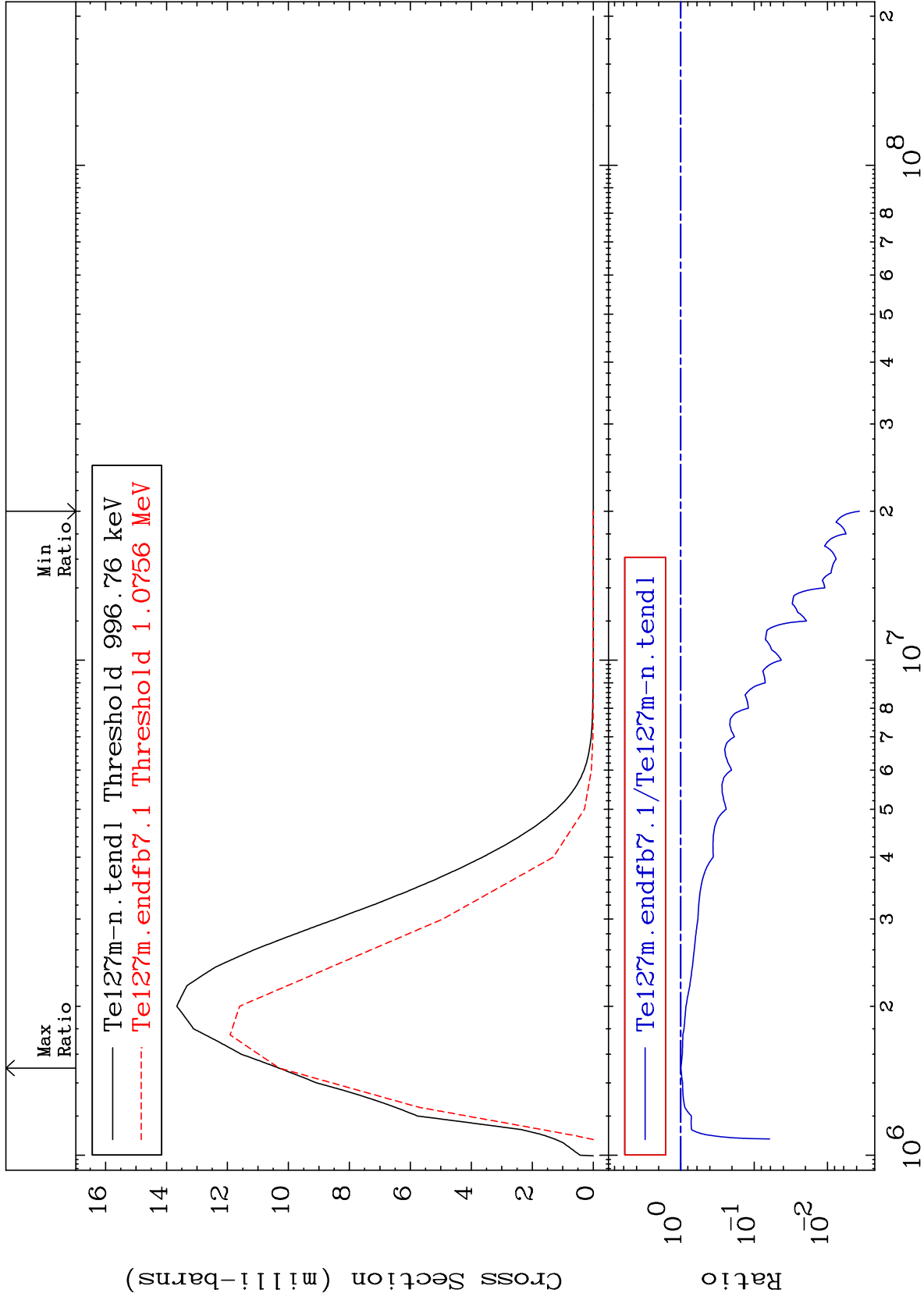
MAT 5247

1.077 MeV (n,n') Level

52-Te-127

-99.63 To -0.066%

Cross Section



23

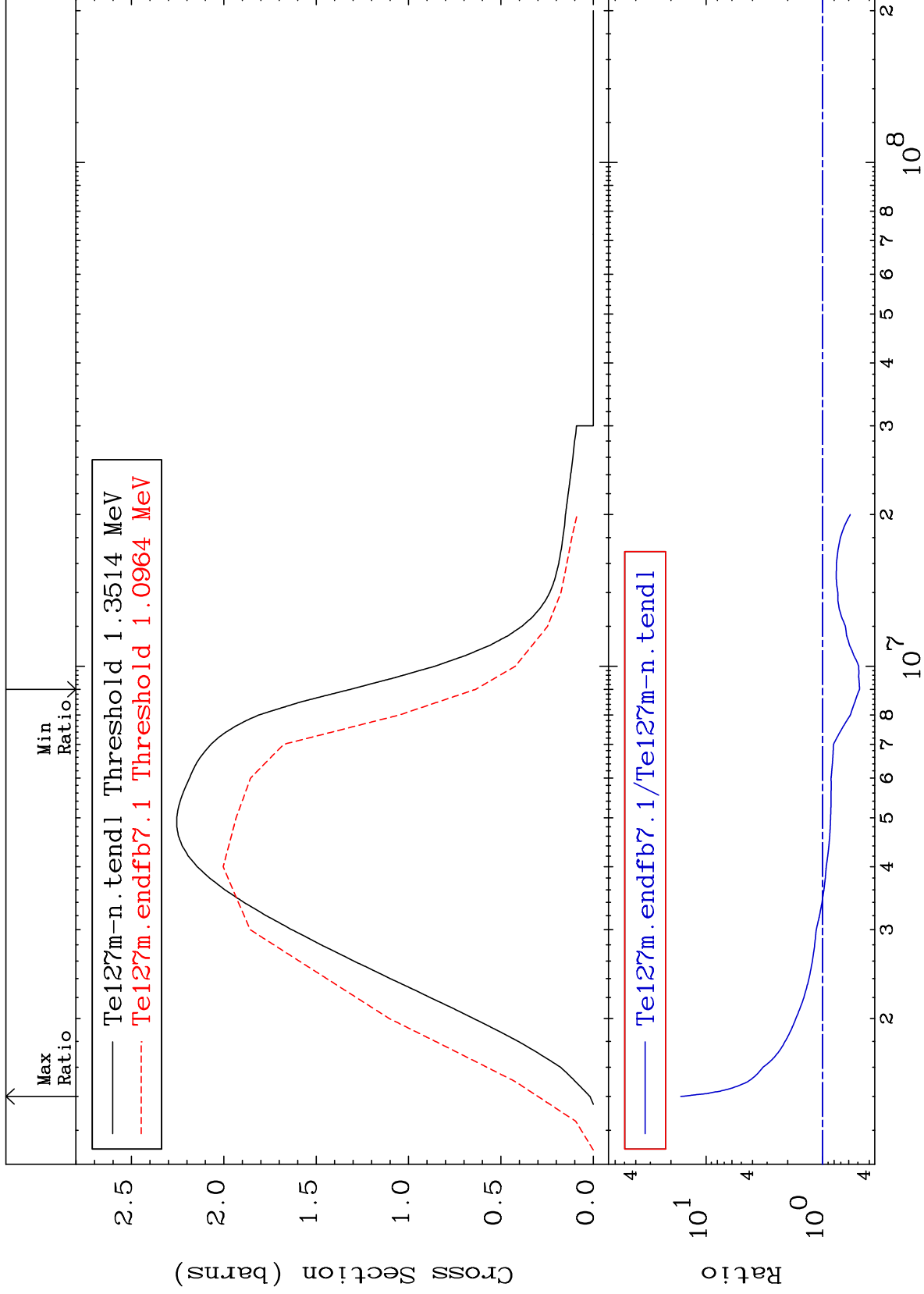
Incident Energy (eV)

52-Te-127

MAT 5247

(n, n') Continuum  
Cross Section

52-Te-127  
-51.57 To 1547. %



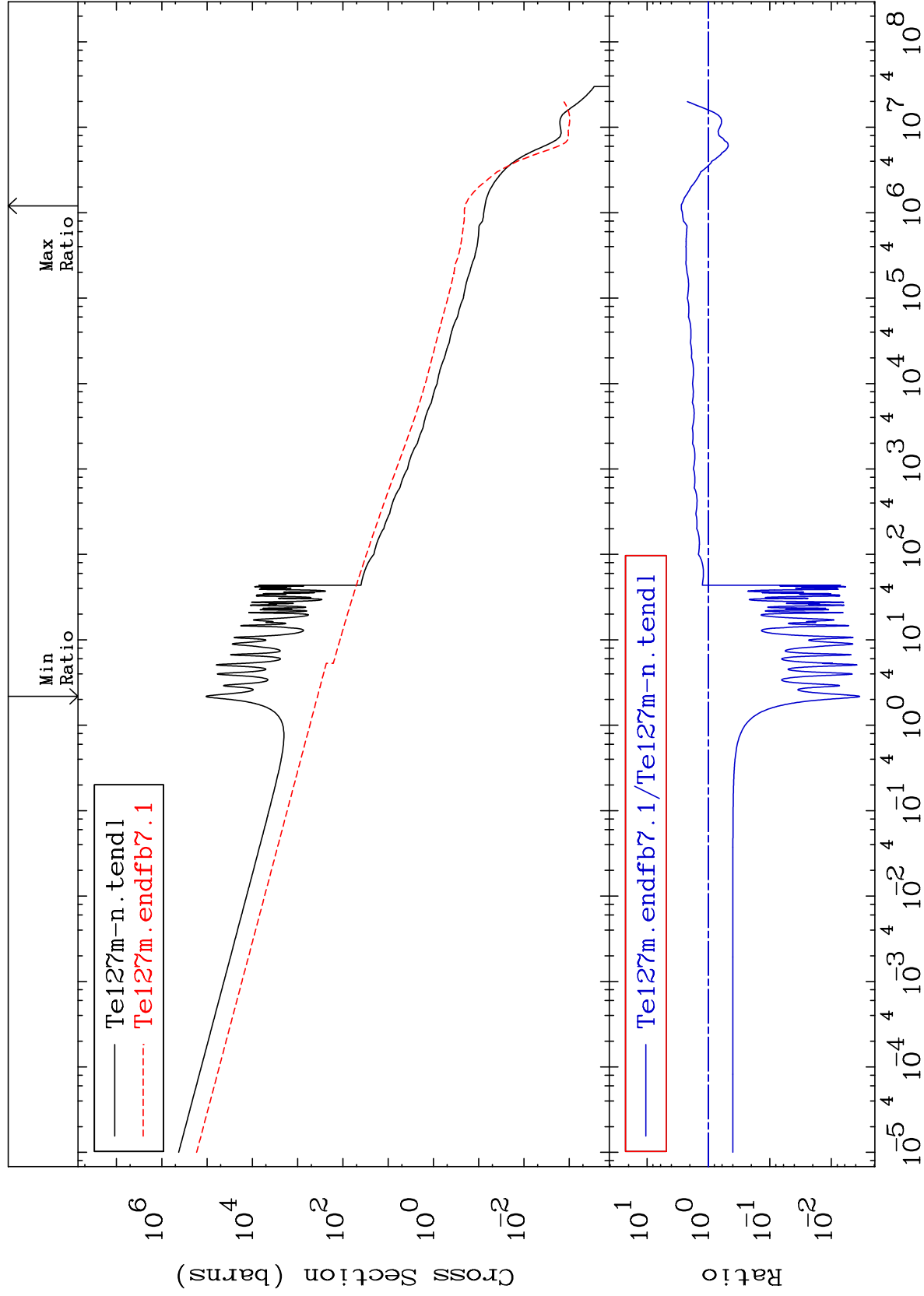


MAT 5247

52-Te-127

(n,  $\gamma$ )  
Cross Section

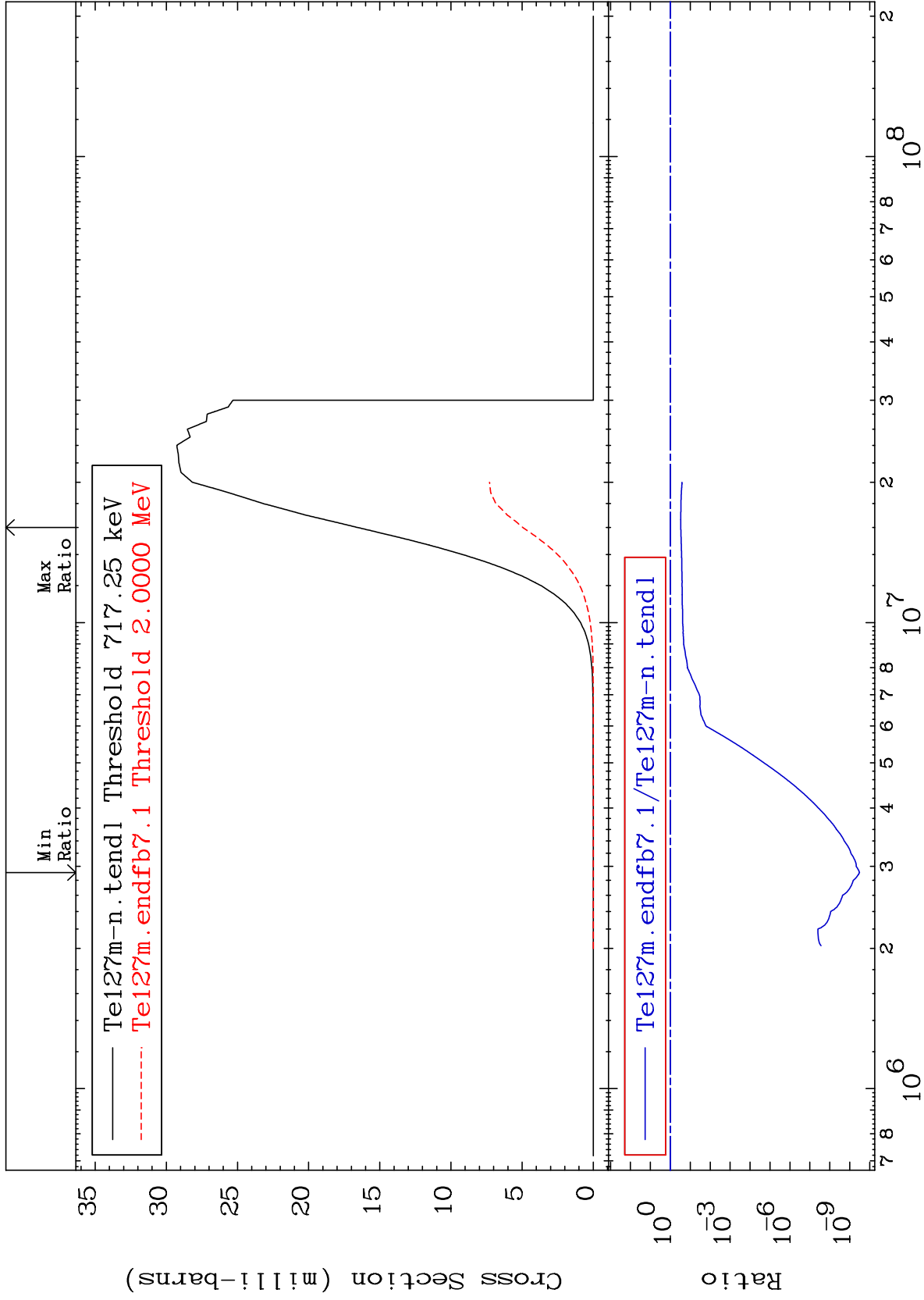
-99.66 To 175.7 %



MAT 5247

52-Te-127

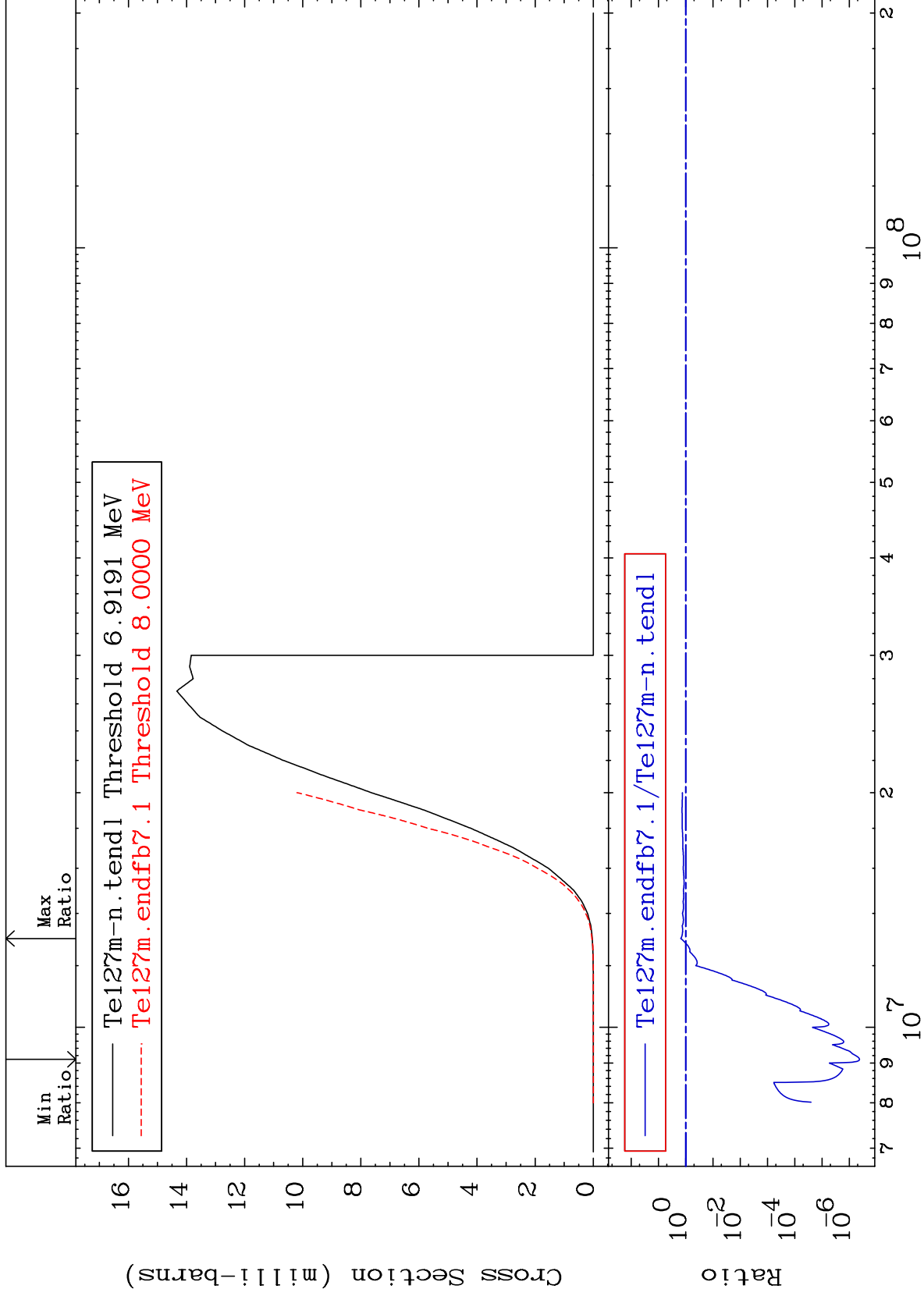
(n,p)  
Cross Section  
-100.0 To -70.08%



MAT 5247

(n, d)  
Cross Section

52-Te-127  
-100.0 To 52.32 %



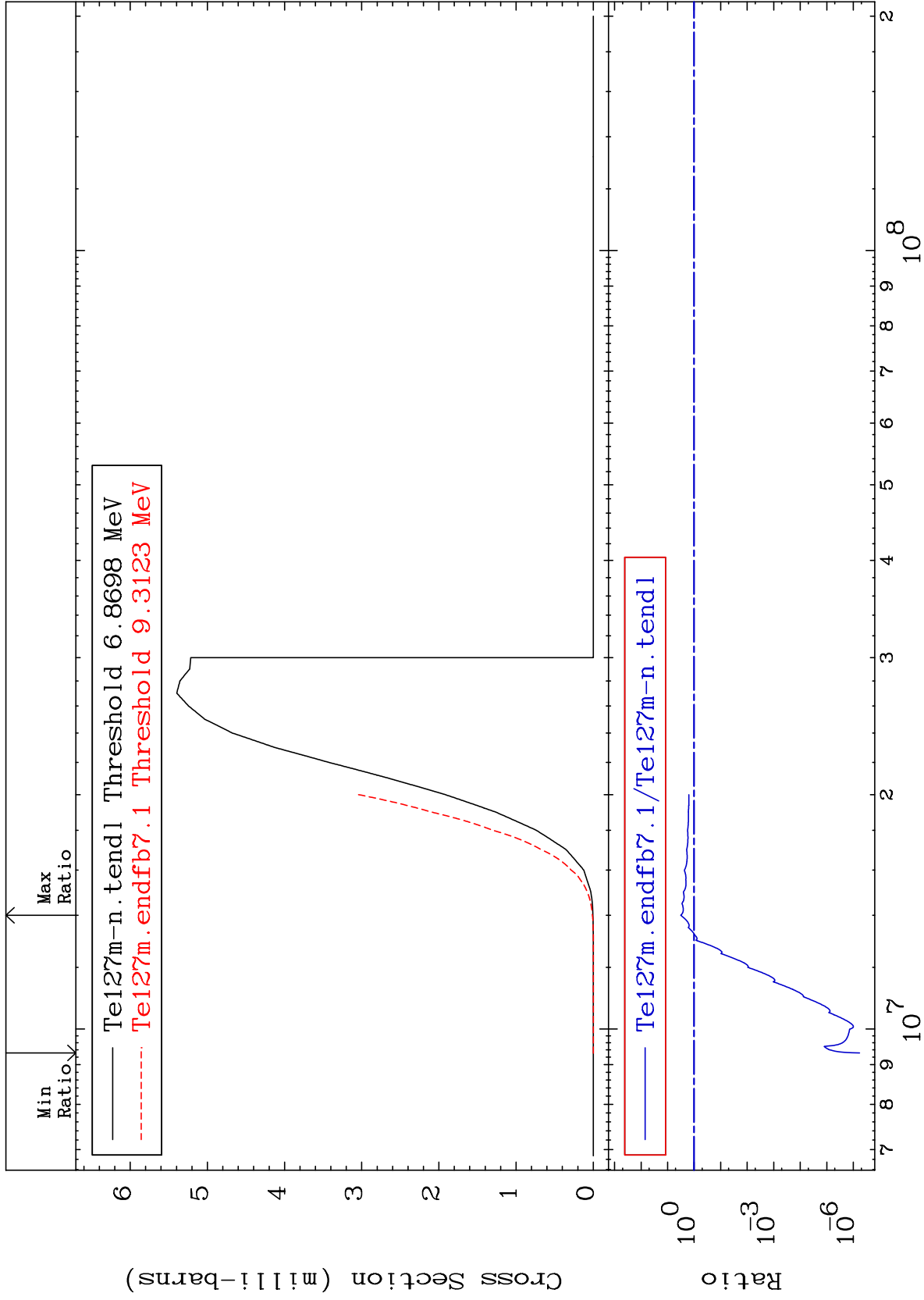
MAT 5247

(n, t)

52-Te-127

Cross Section

-100.0 To 219.4 %



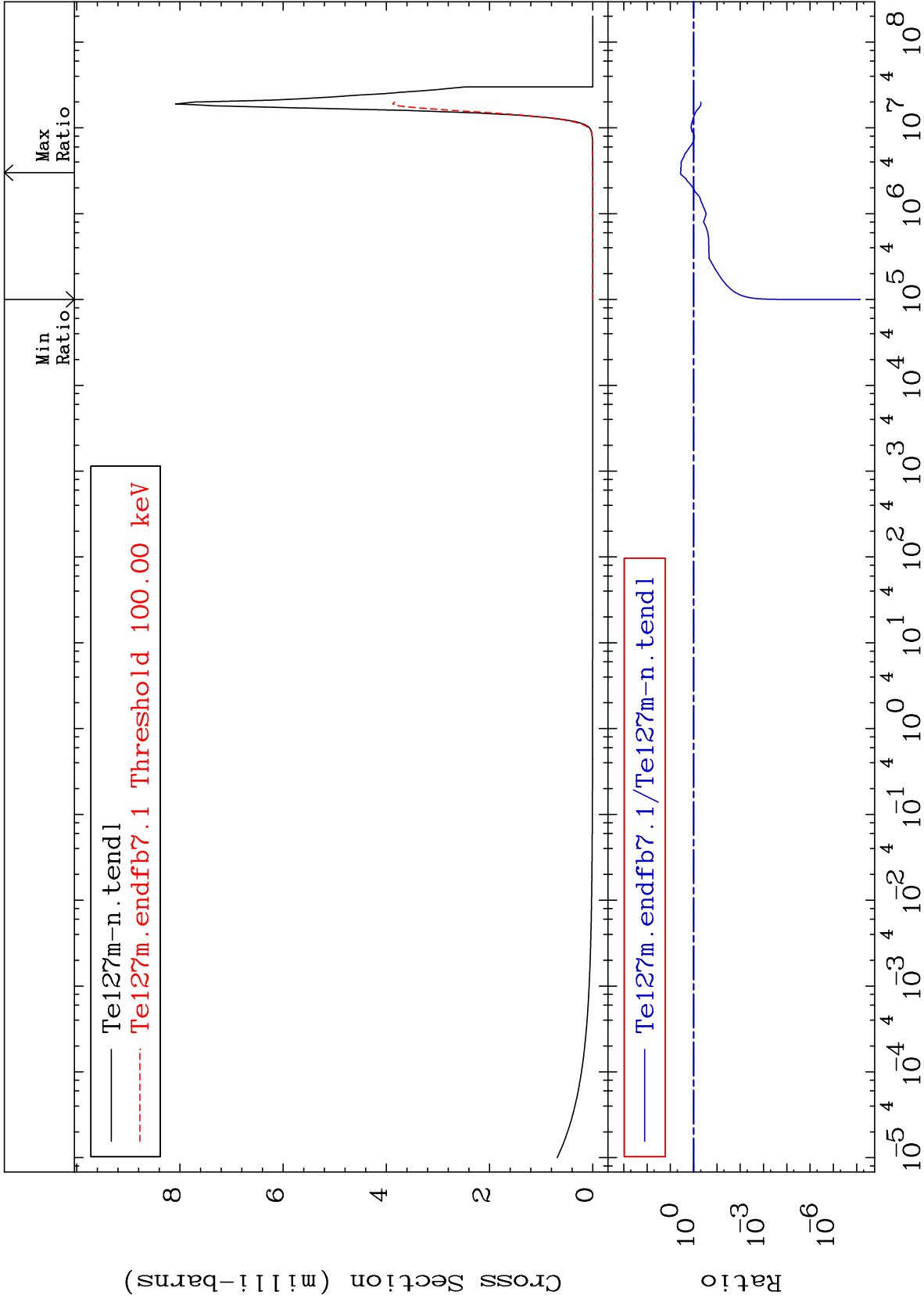
MAT 5247

(n,  $\alpha$ )

52-Te-127

Cross Section

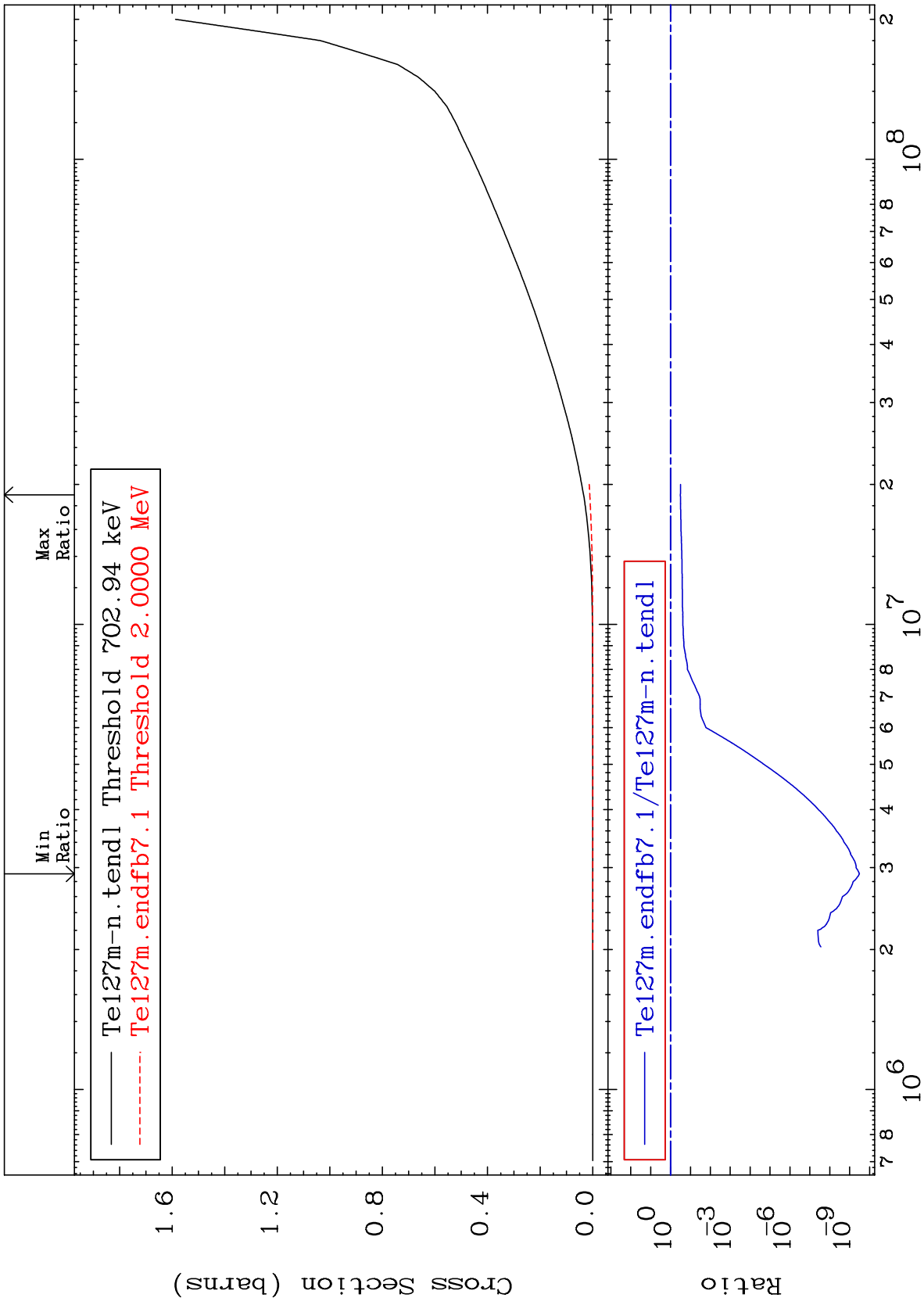
-100.0 To 271.7 %



MAT 5247

Hydrogen Production  
Cross Section

52-Te-127  
-100.0 To -67.90%



30

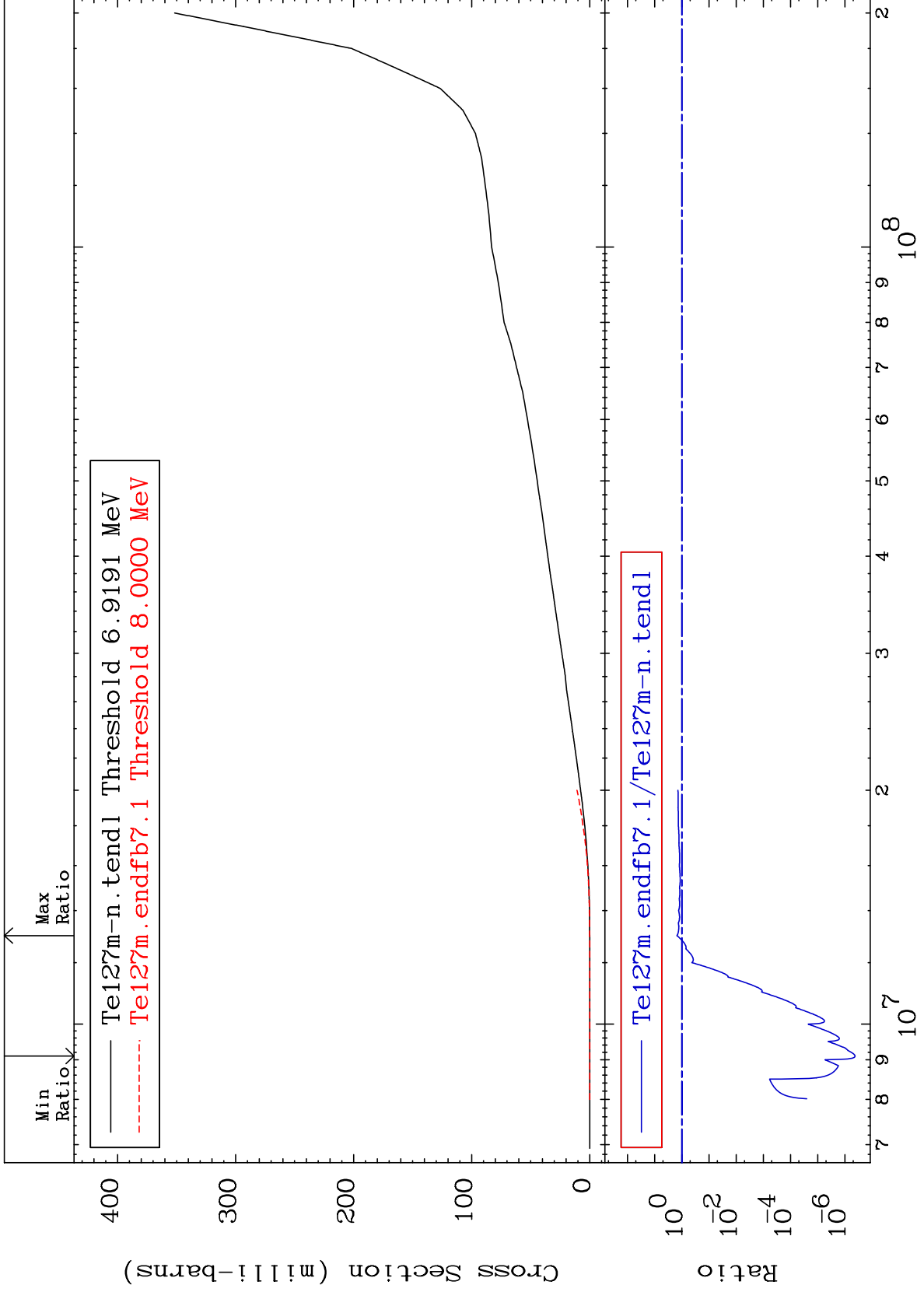
Incident Energy (eV)

52-Te-127

MAT 5247

Deuterium Production  
Cross Section

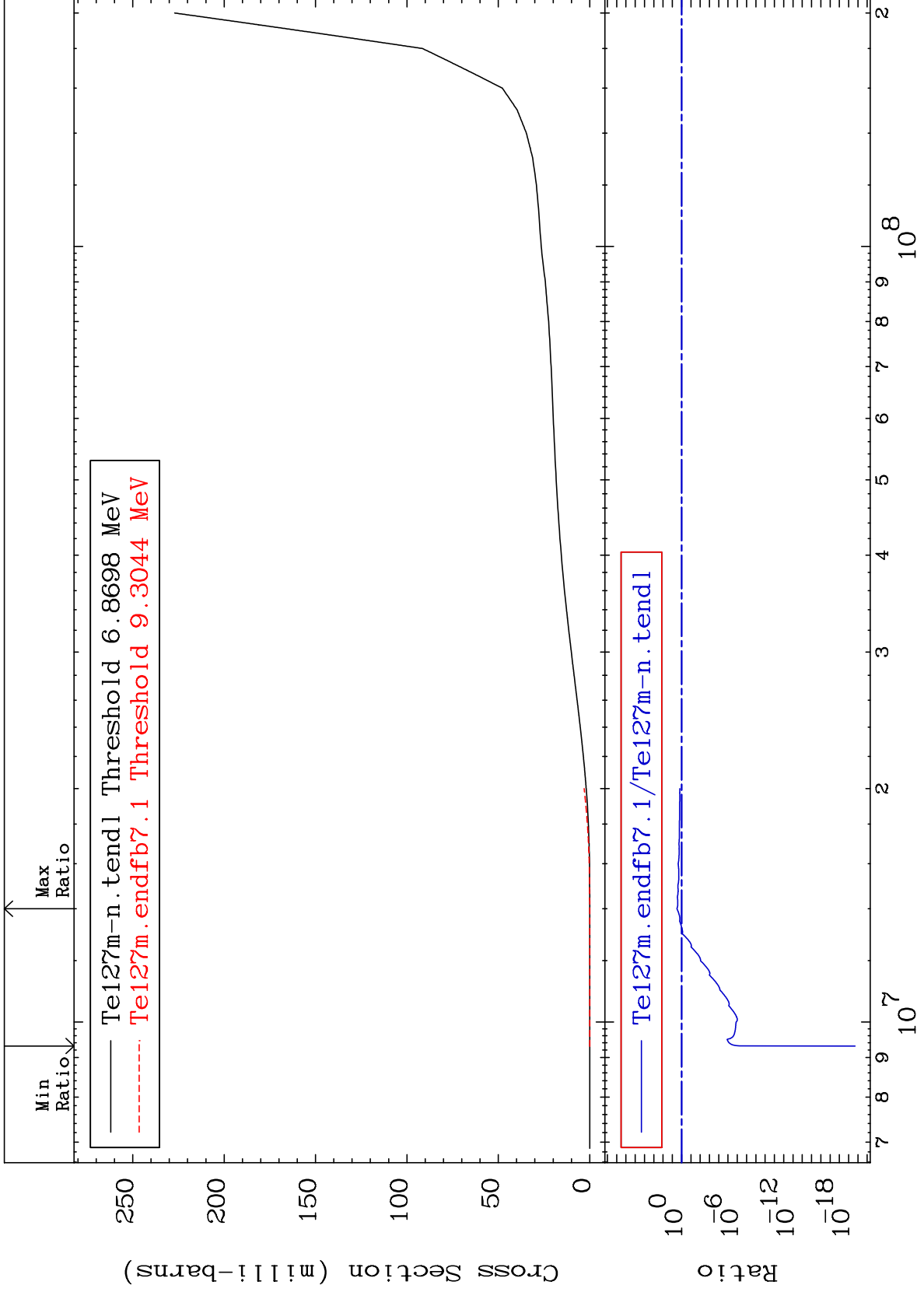
52-Te-127  
-100.0 To 52.32 %



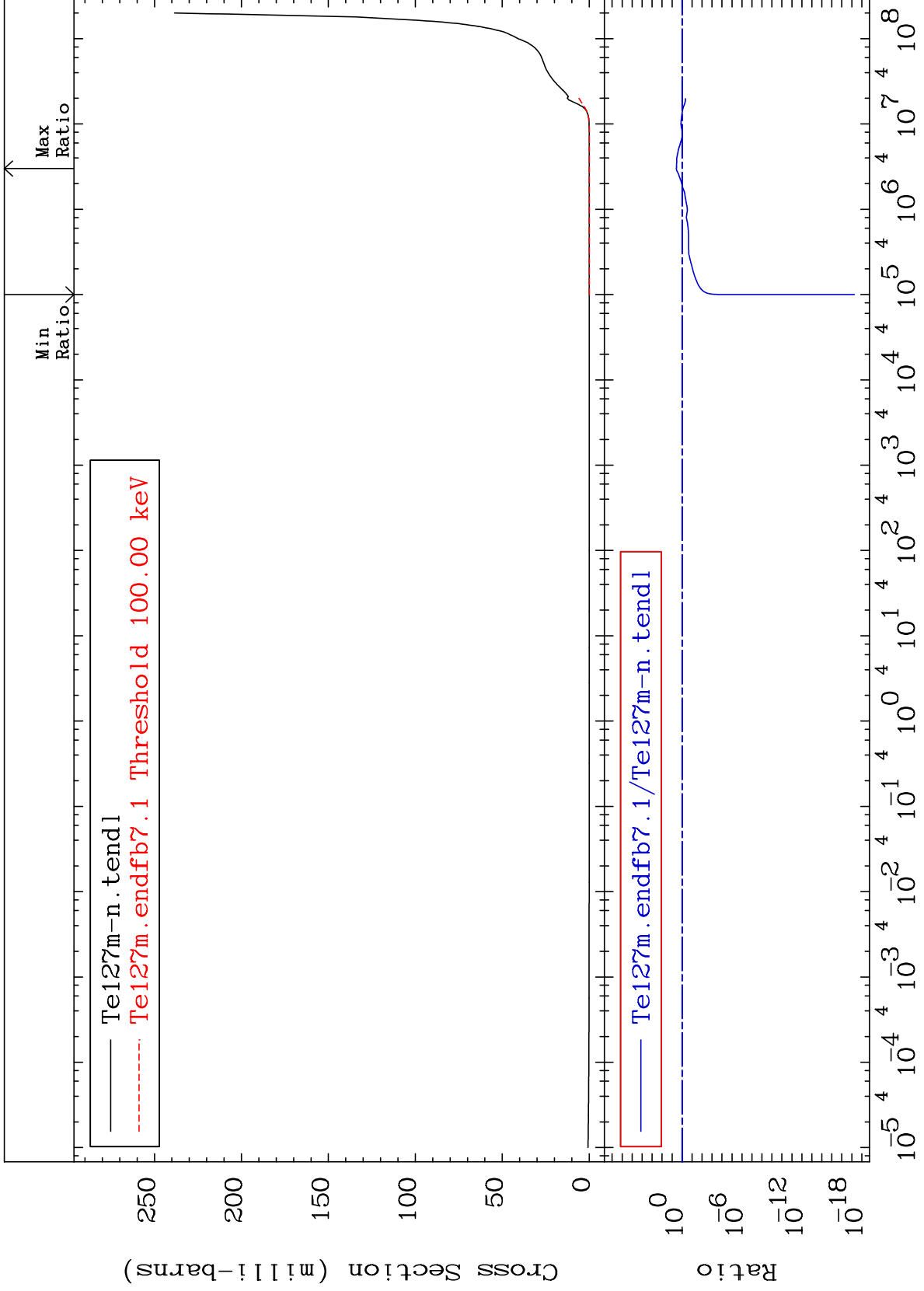
MAT 5247

Tritium Production  
Cross Section

52-Te-127  
-100.0 To 219.4 %



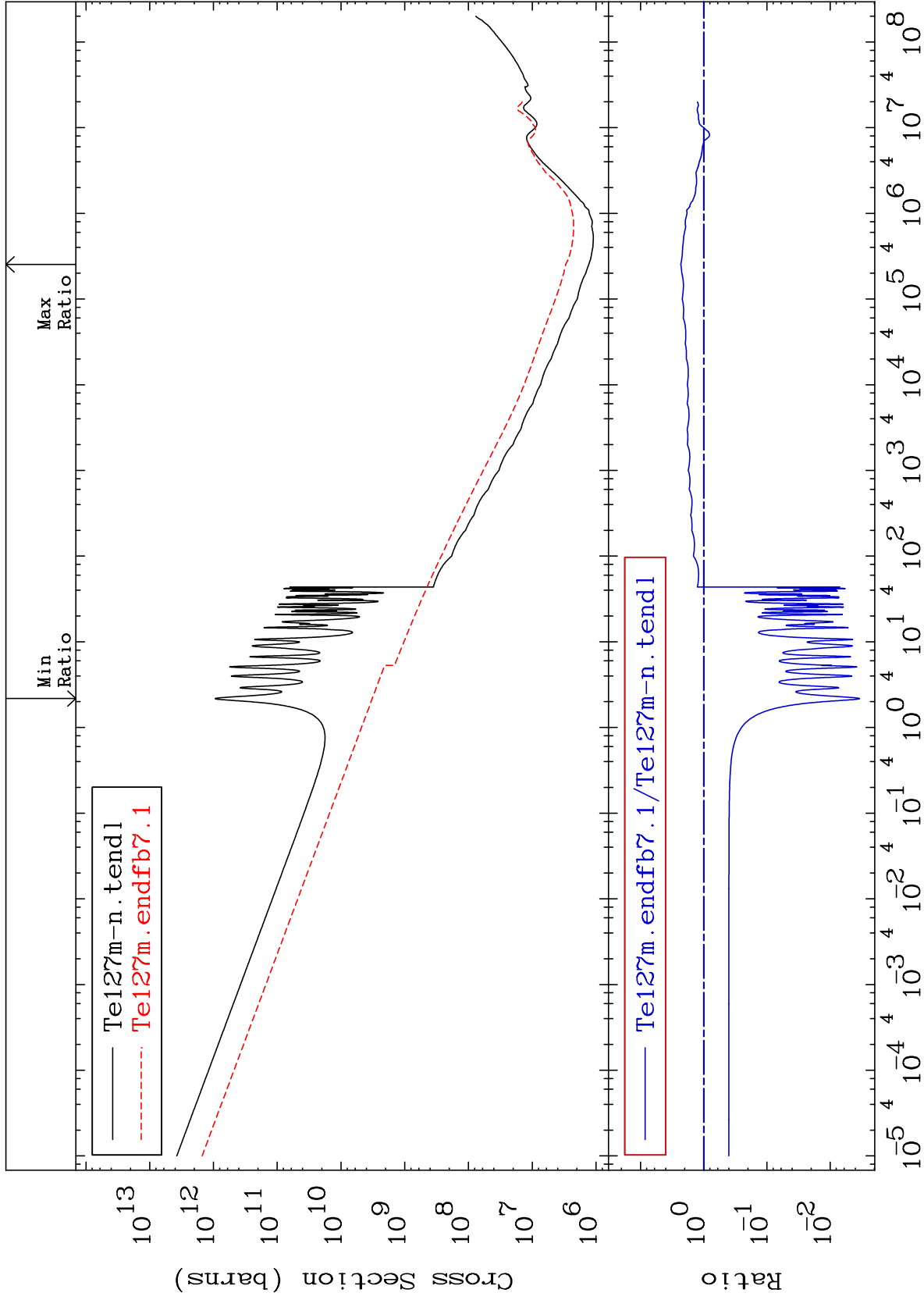




MAT 5247

Kerma total (eV-barns)  
Cross Section

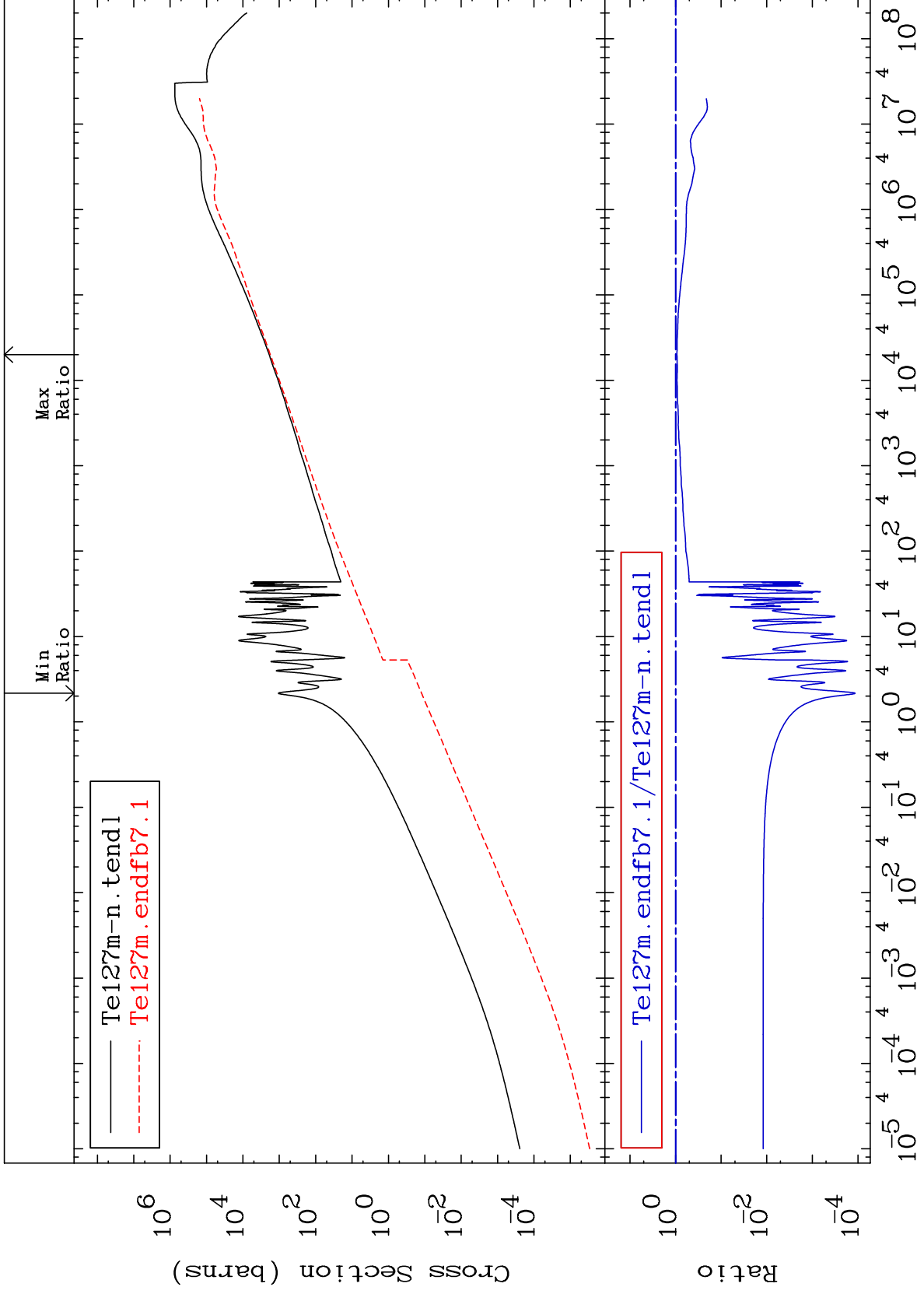
52-Te-127  
-99.66 To 130.7 %

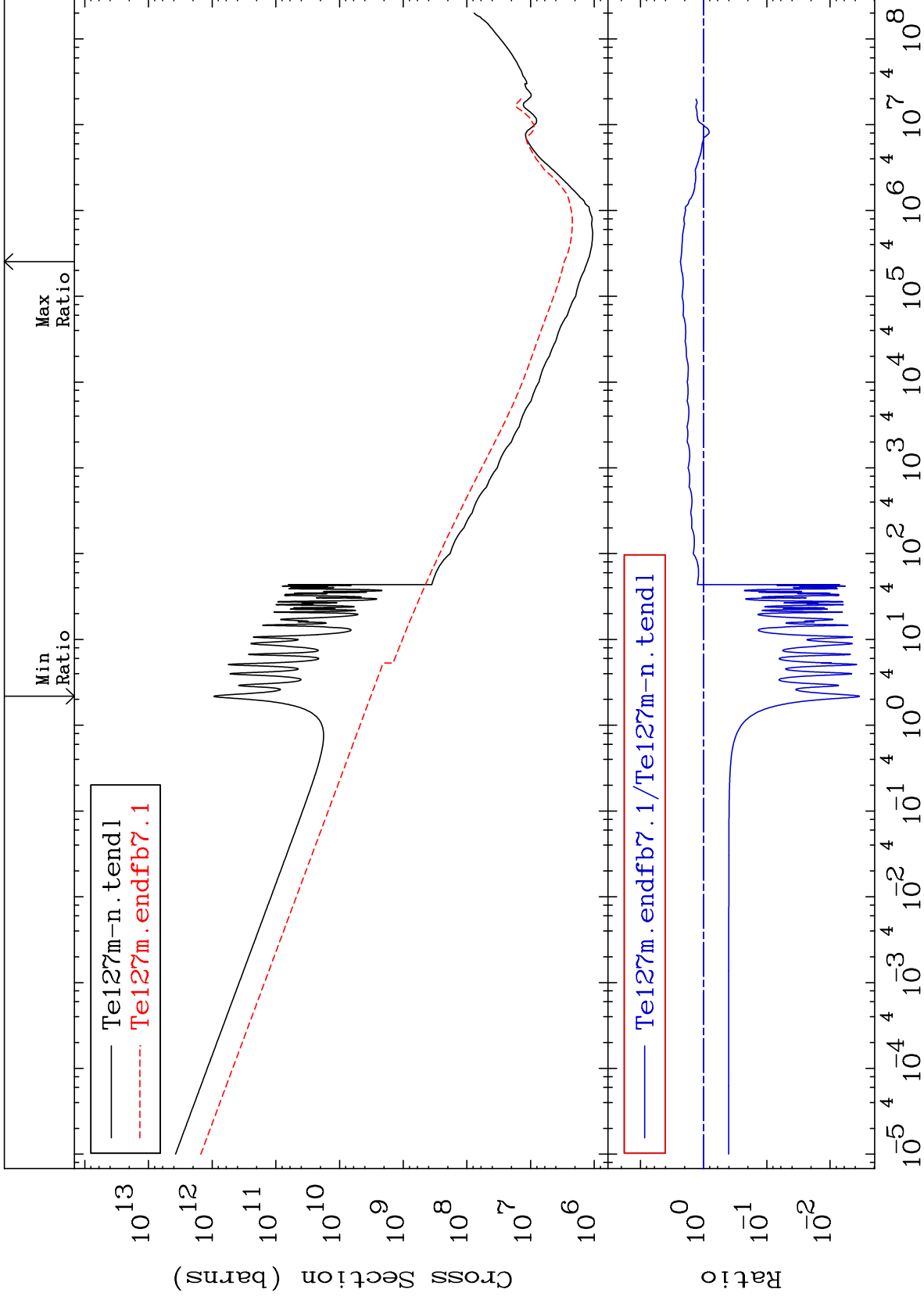


MAT 5247

Kerma elastic  
Cross Section

52-Te-127  
-99.99 To -6.770%

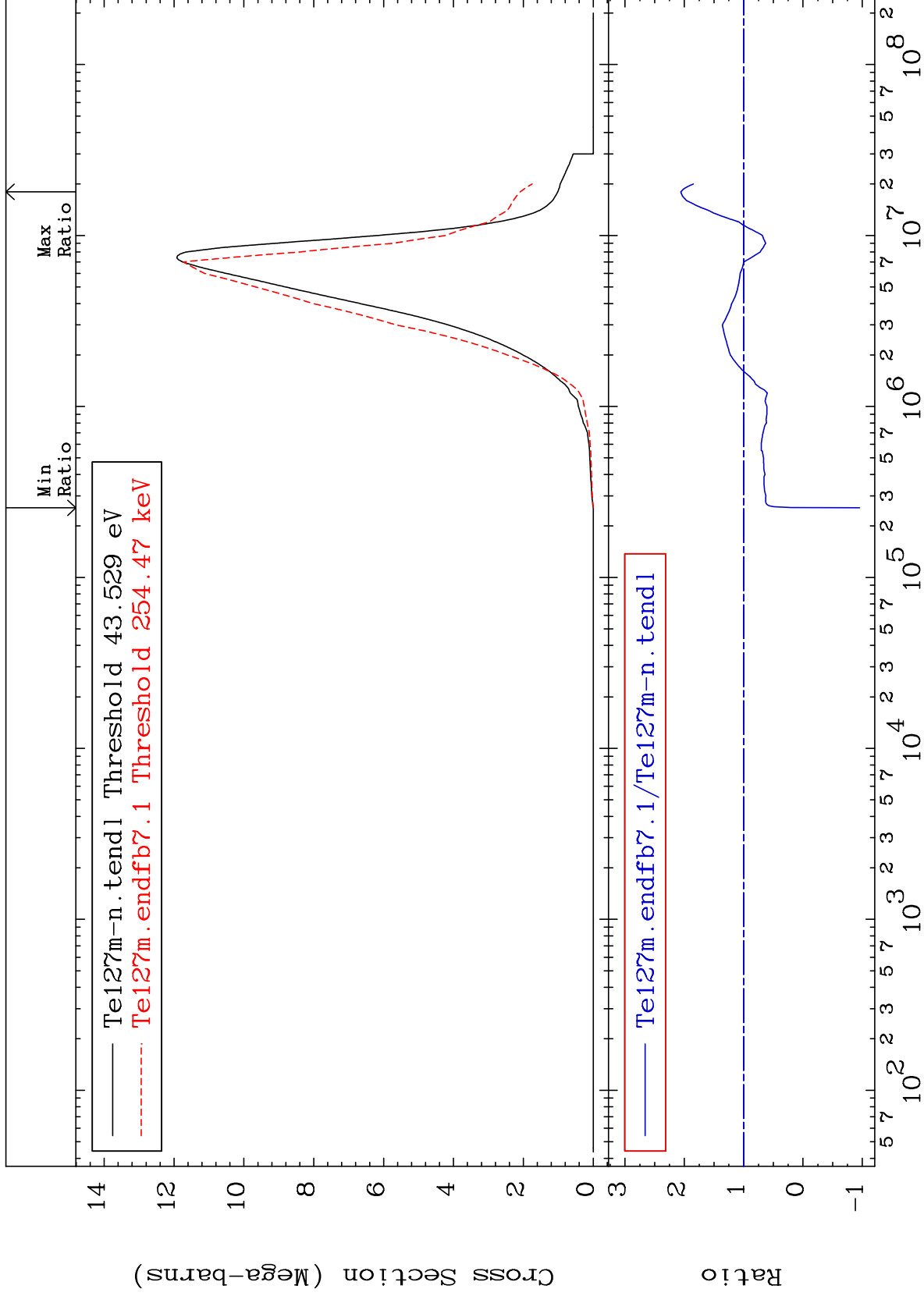




MAT 5247

Kerma inelastic (mt51-91)  
Cross Section

52-Te-127  
-195.3 To 106.0 %



37

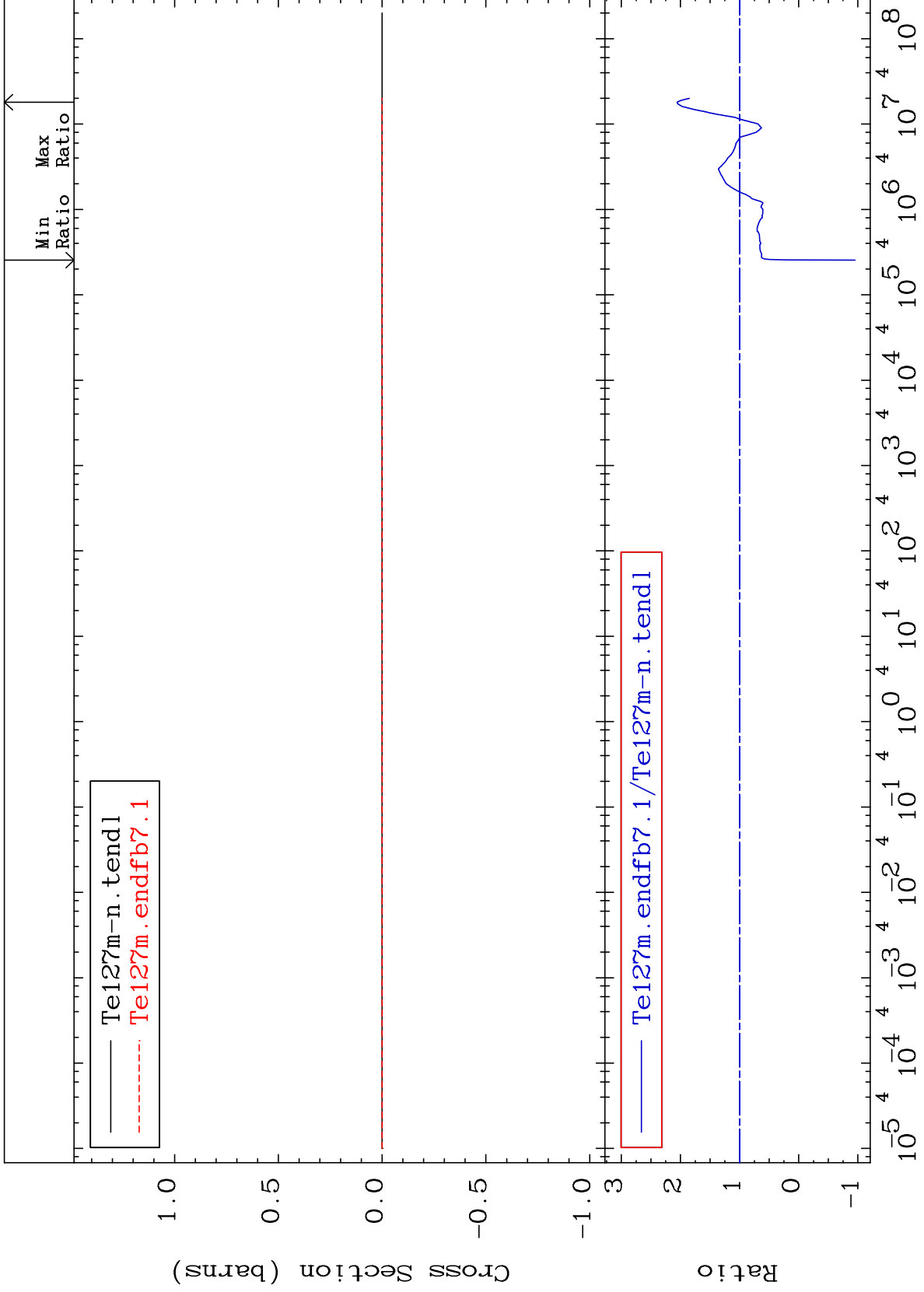
Incident Energy (eV)

52-Te-127

MAT 5247

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

52-Te-127  
-195.3 To 106.0 %



38

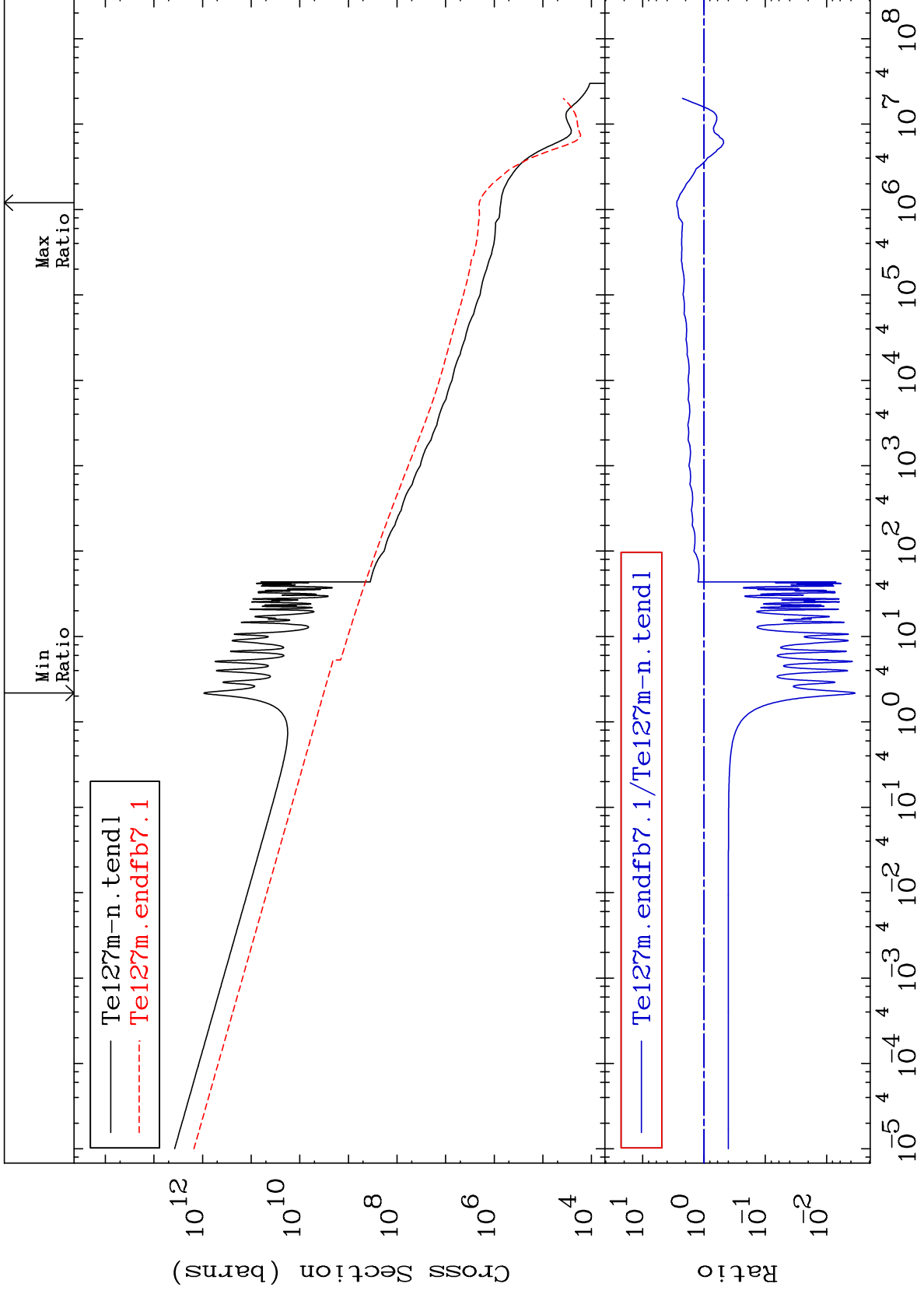
Incident Energy (eV)

52-Te-127

MAT 5247

Kerma capture (mt102)  
Cross Section

52-Te-127  
-99.66 To 176.1 %

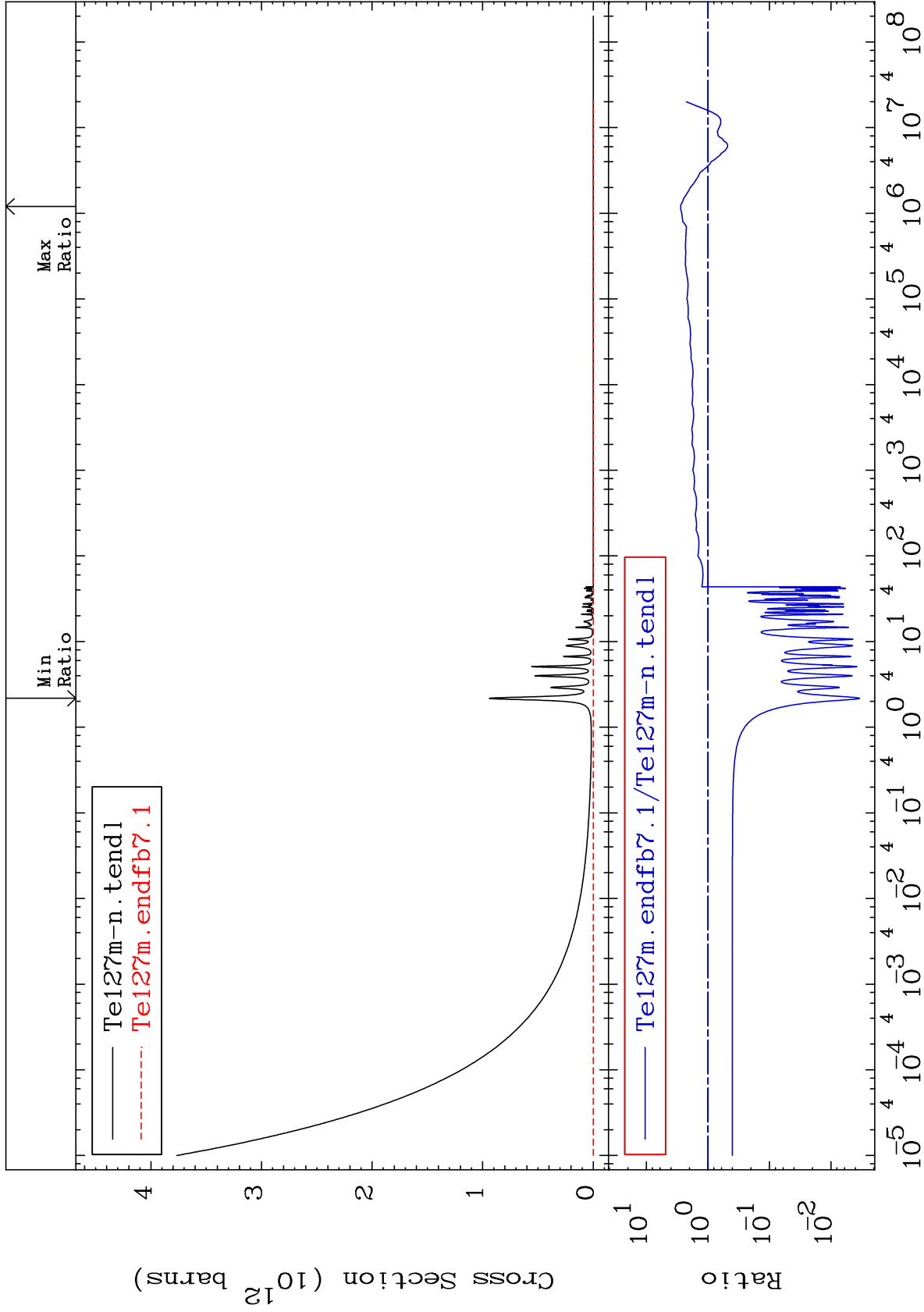


MAT 5247

Total photon (eV-barns)  
Cross Section

52-Te-127

-99.66 To 176.1 %

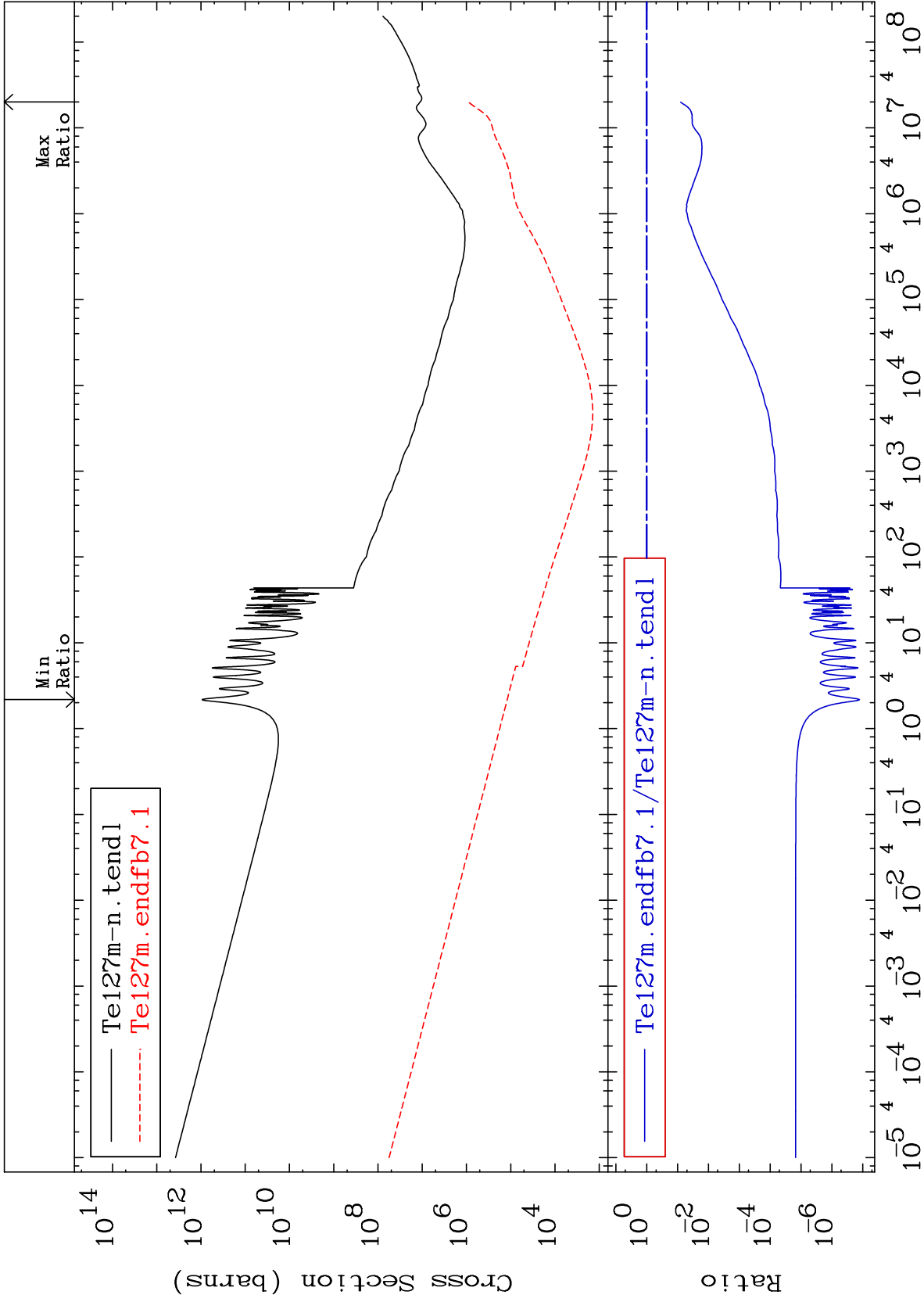


40

52-Te-127

52-Te-127





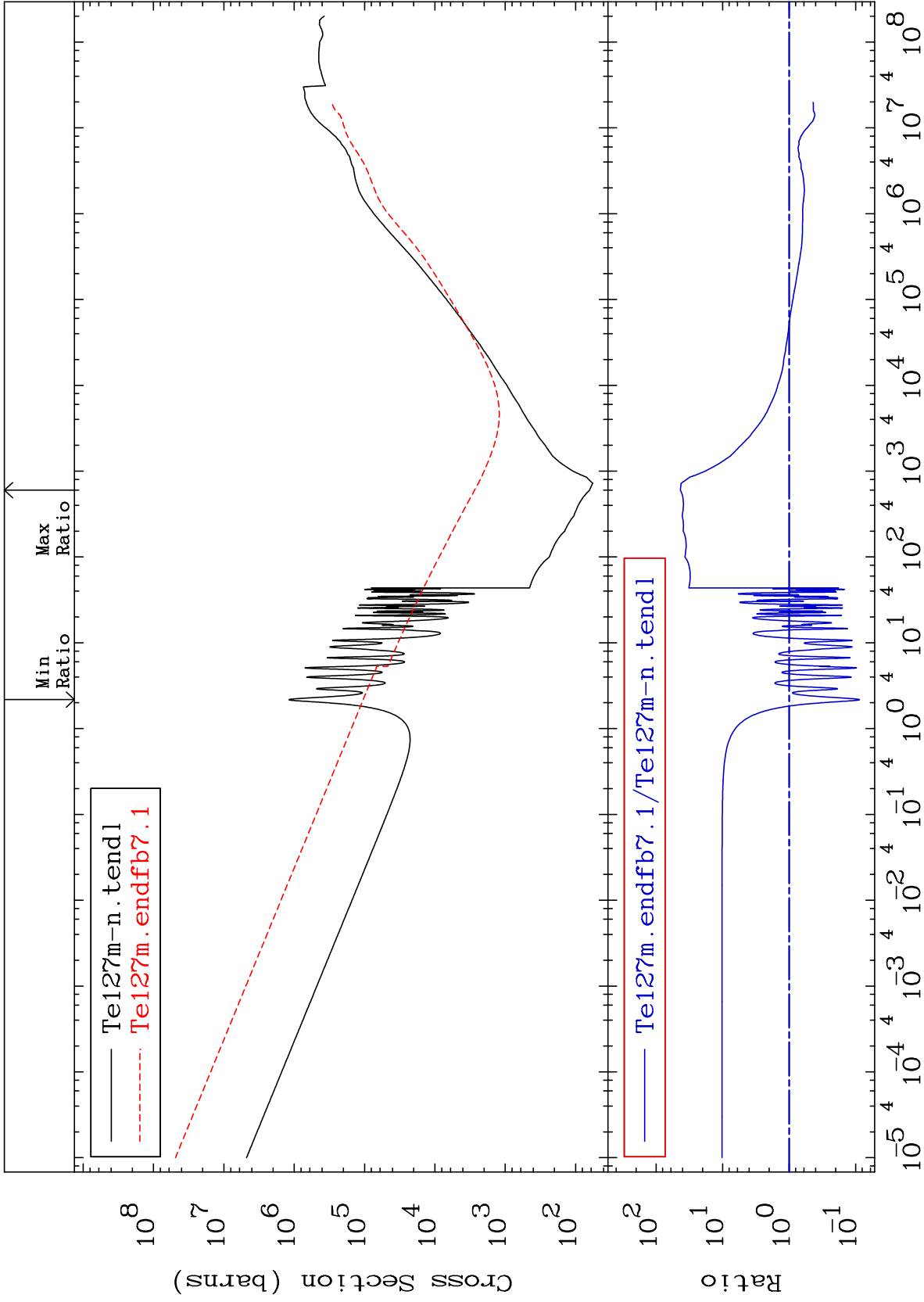
MAT 5247

Dpa total (eV-barns)

52-Te-127

-91.22 To 4227. %

Cross Section

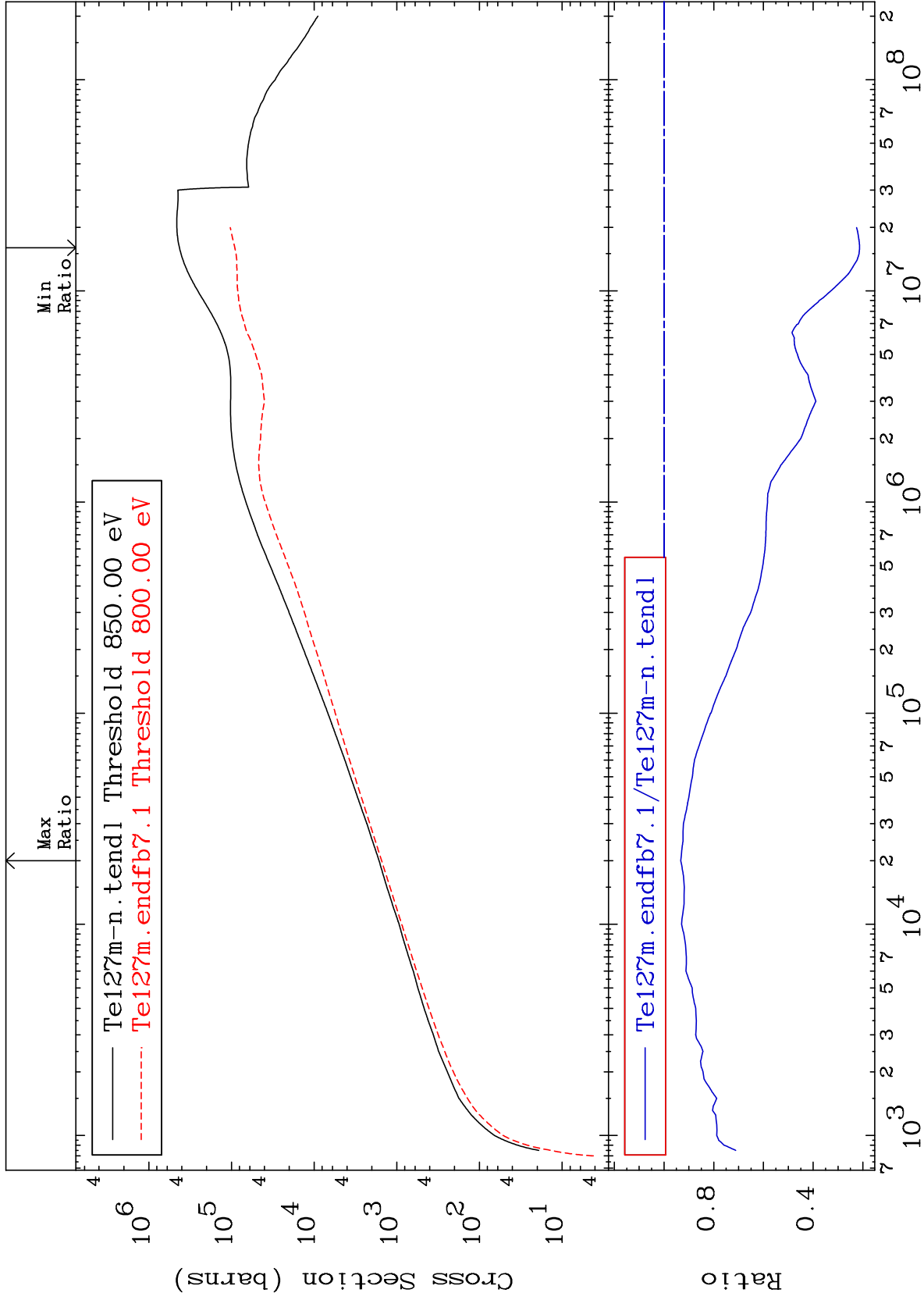


MAT 5247

Dpa elastic (mt2)  
Cross Section

52-Te-127

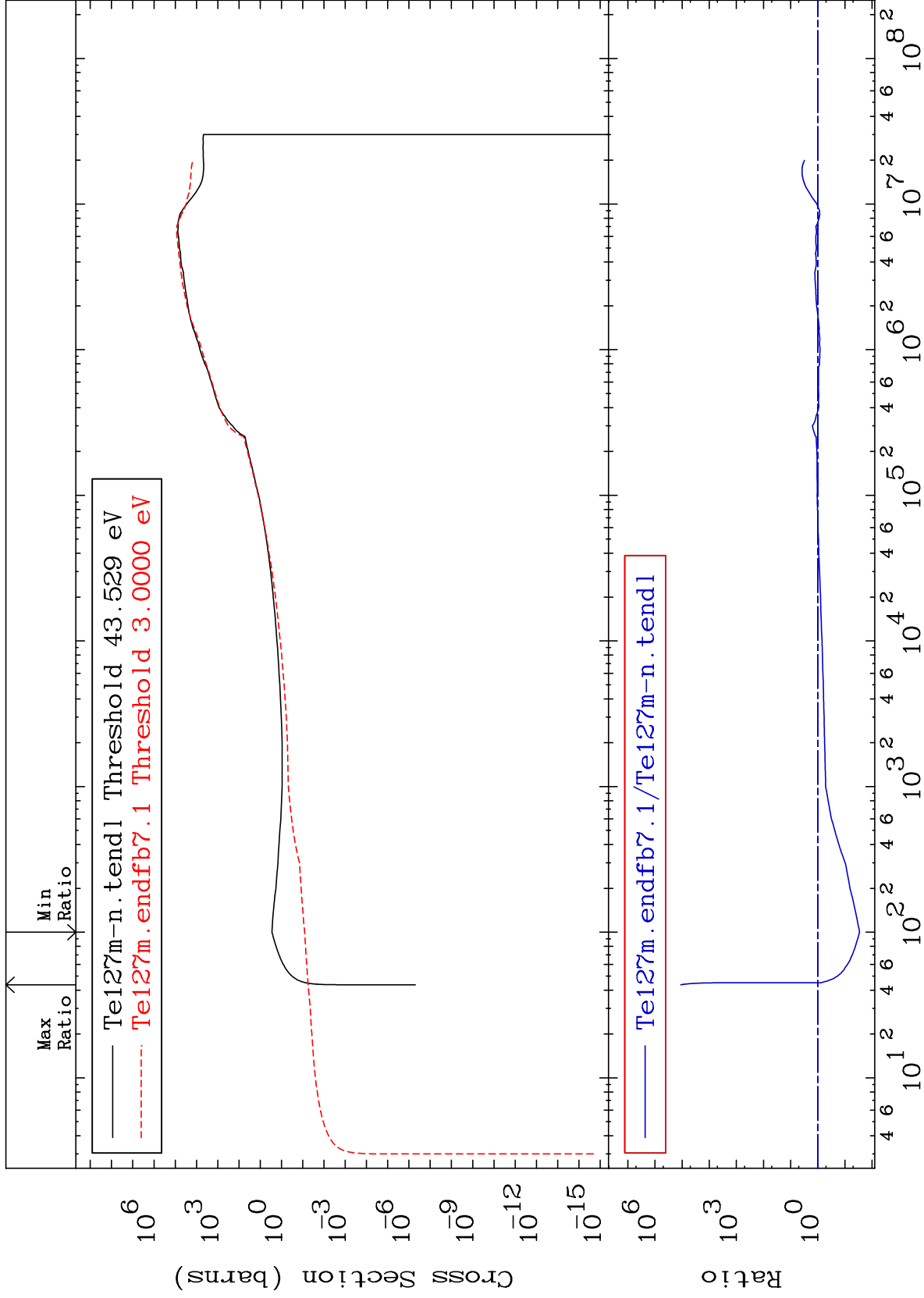
-78.65 To -6.736%



43

Incident Energy (eV)

52-Te-127



MAT 5247

Dpa disappearance (mt102 -120)  
Cross Section

52-Te-127  
-91.22 To 9999. %

