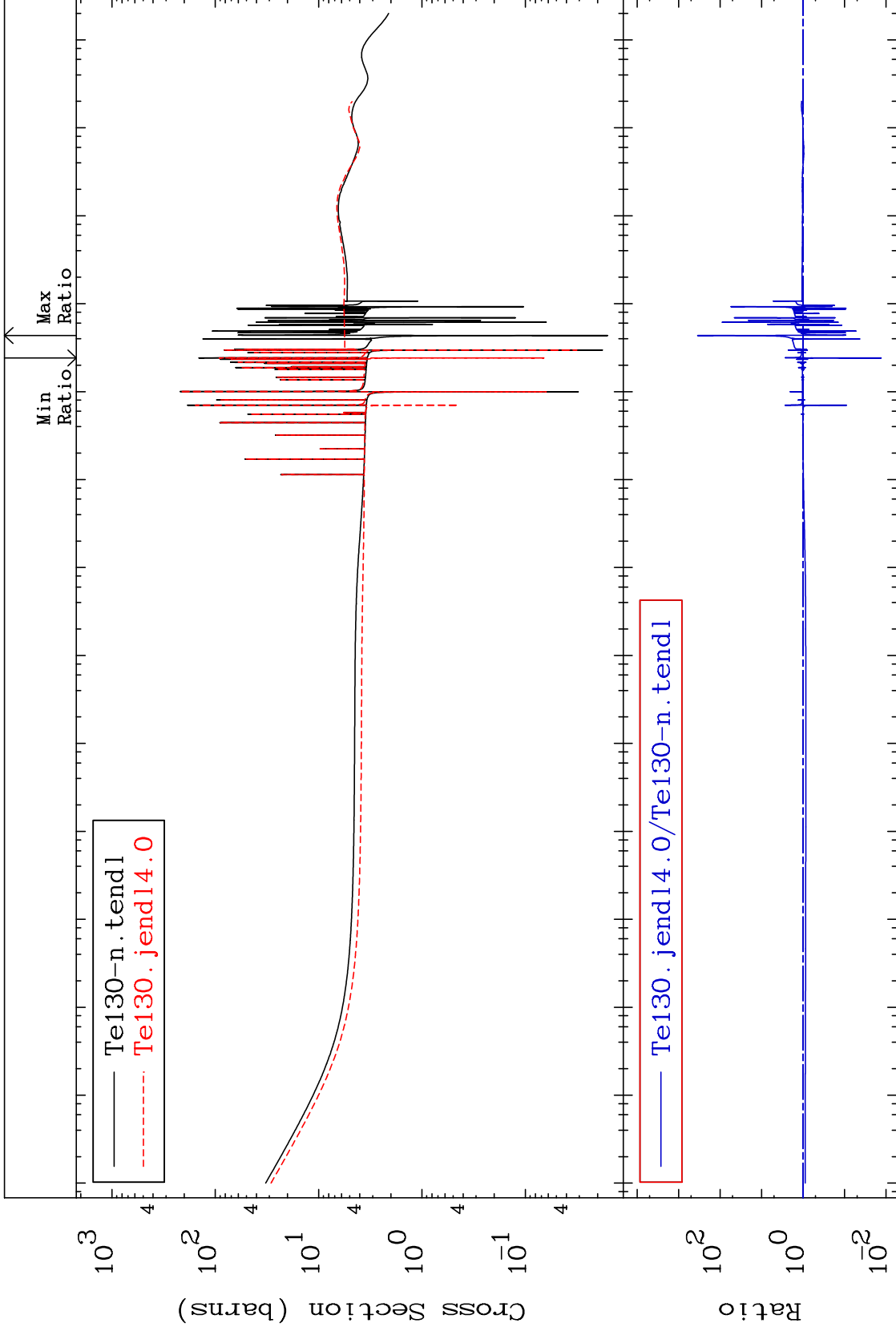


MAT 5255

Total  
Cross Section

52-Te-130  
-98.68 To 9999. %



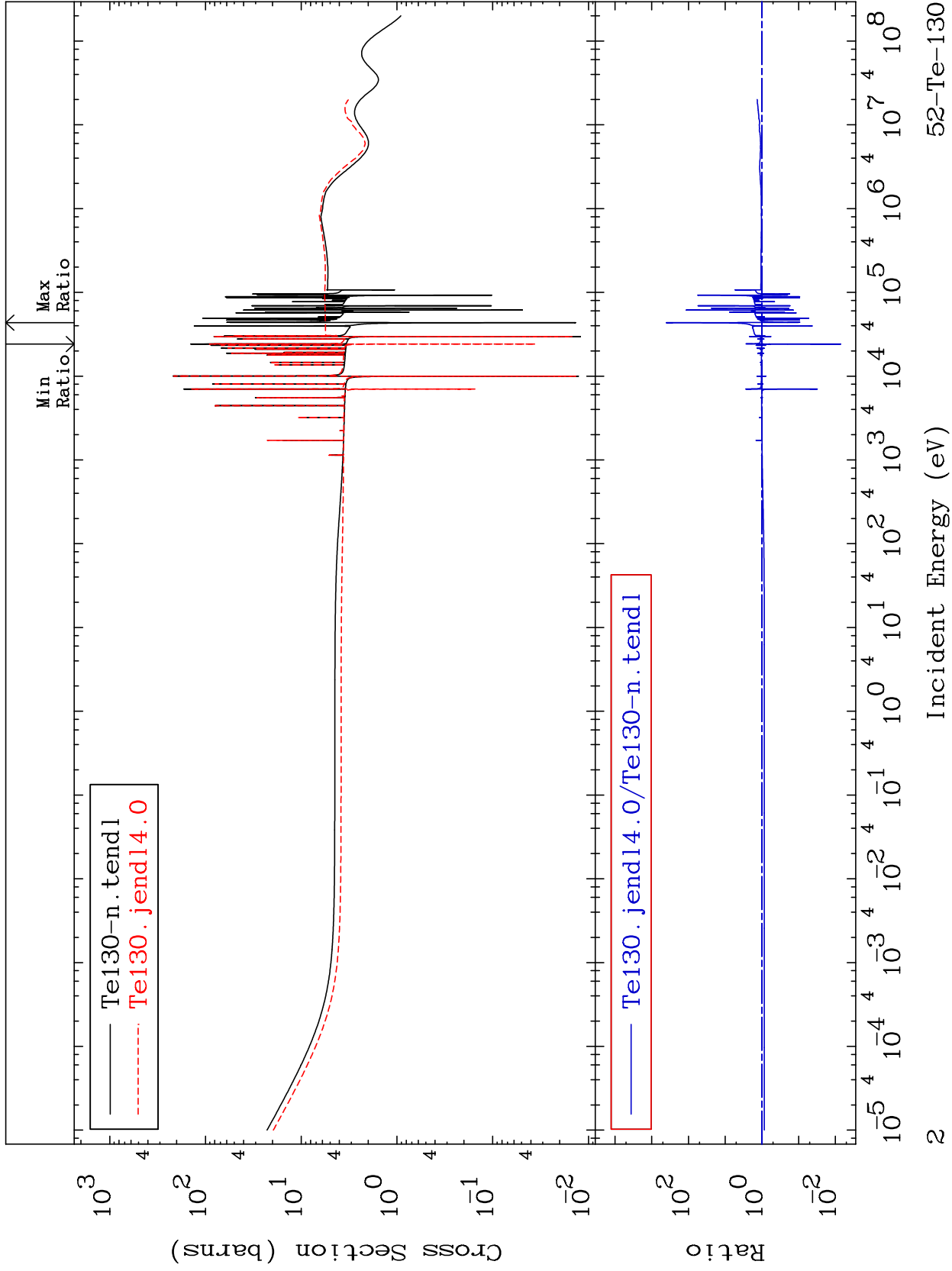
Incident Energy (eV)

52-Te-130

MAT 5255

Elastic  
Cross Section

52-Te-130  
-99.29 To 9999. %



2

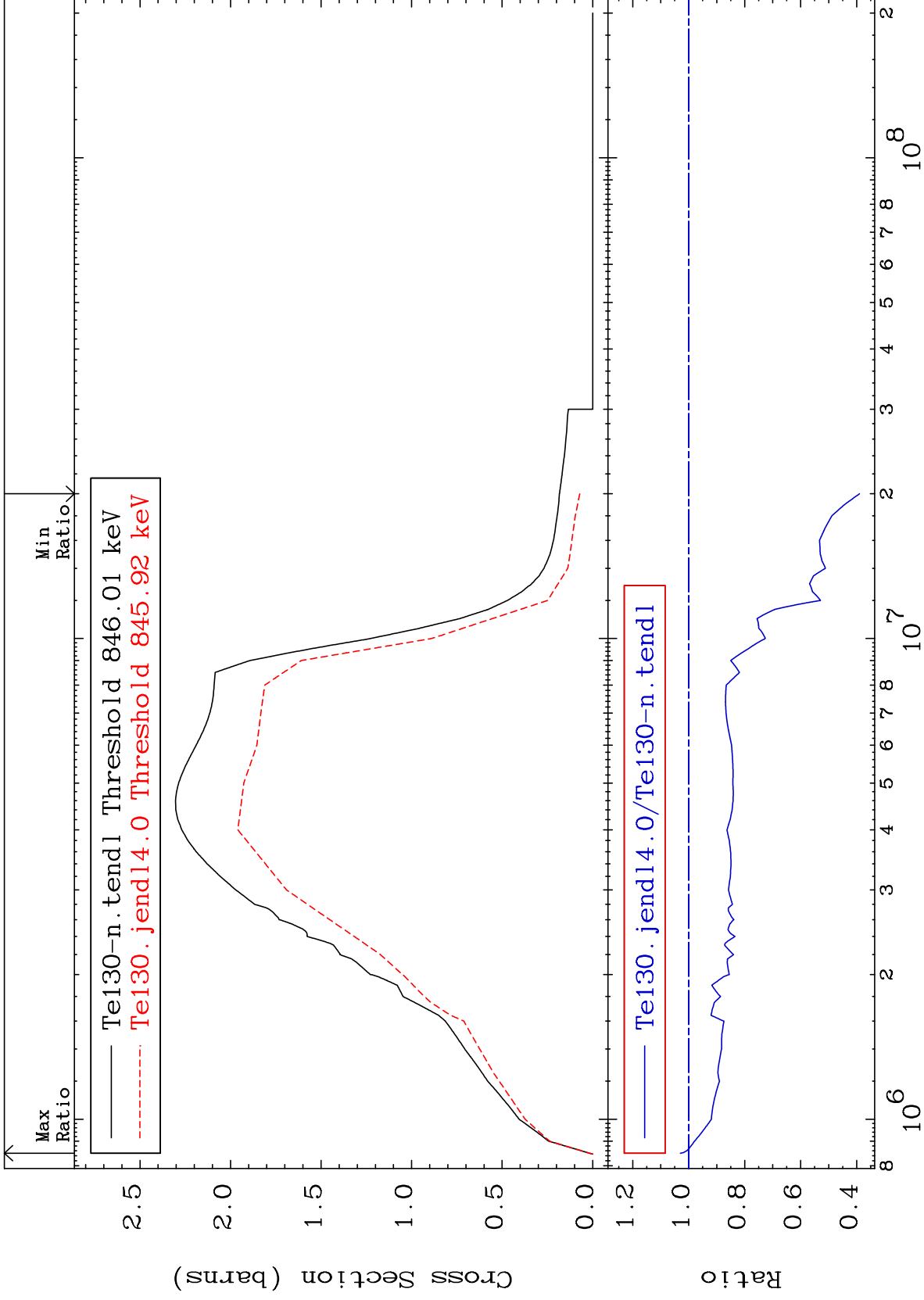
Incident Energy (eV)

52-Te-130

MAT 5255

Inelastic  
Cross Section

52-Te-130  
-60.98 To 2.991 %



3

Incident Energy (eV)

52-Te-130

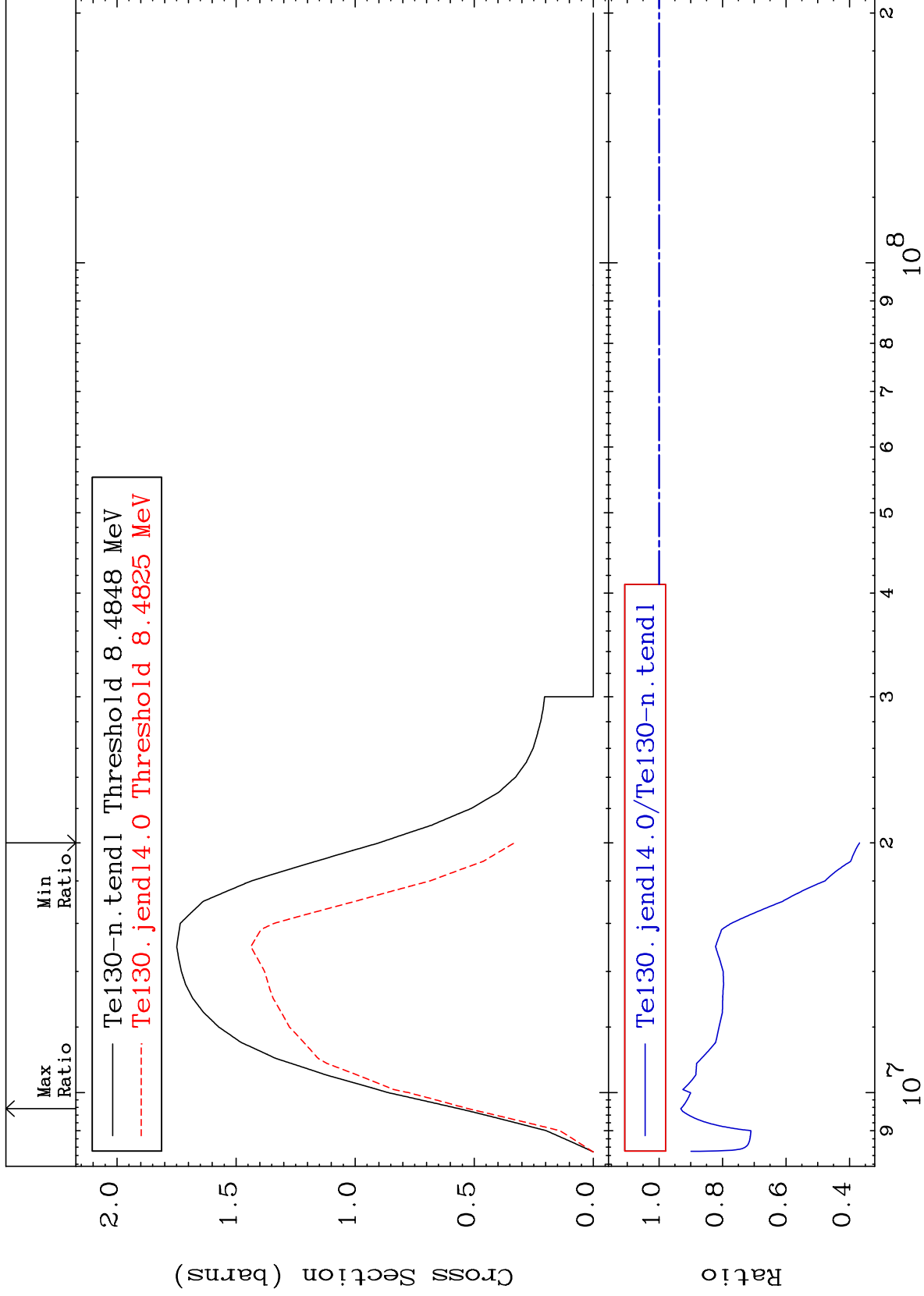
MAT 5255

(n,2n)

52-Te-130

Cross Section

-63.17 To -6.853%



4

Incident Energy (eV)

52-Te-130

MAT 5255

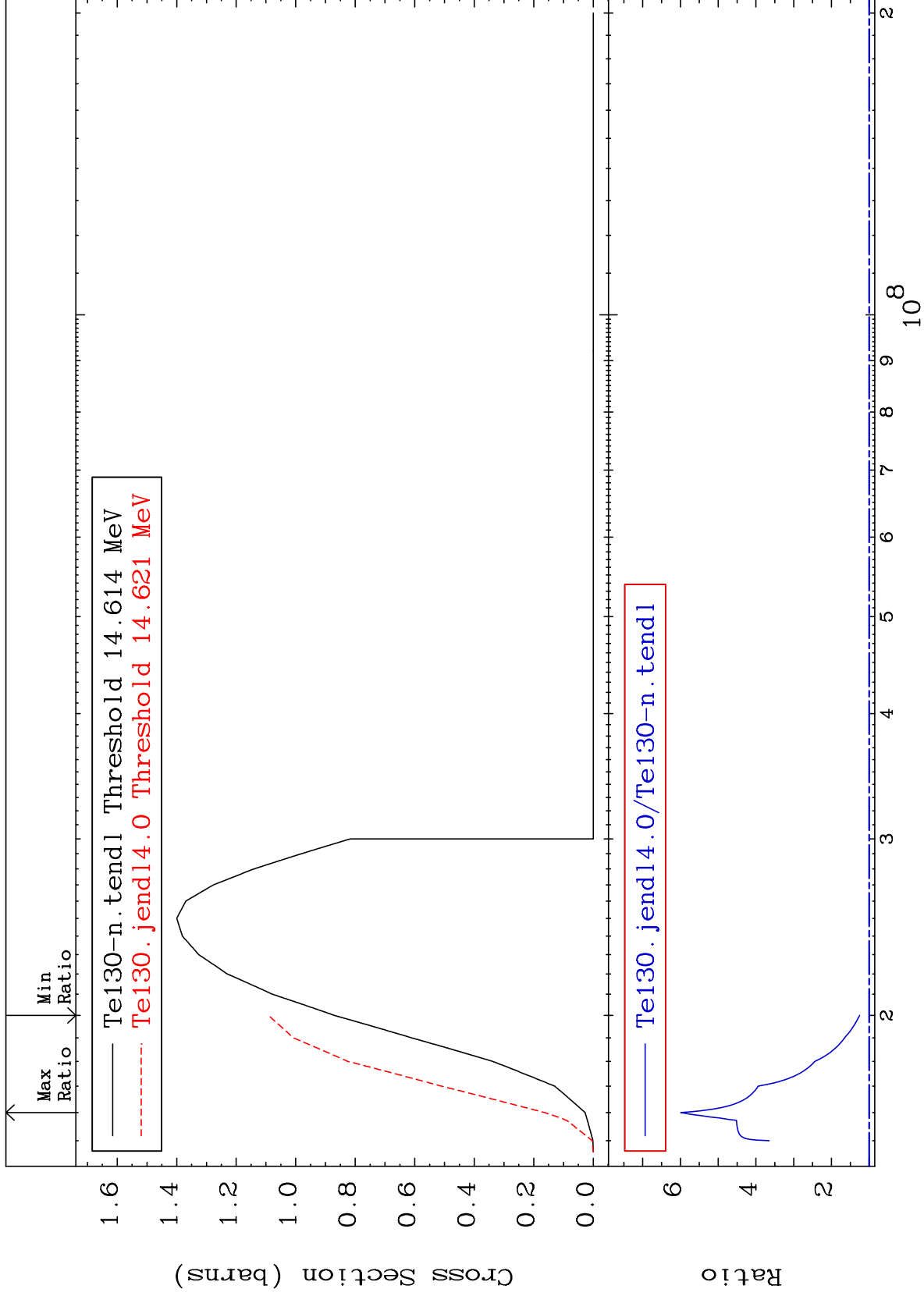
(n,3n)

52-Te-130

Cross Section

25.57

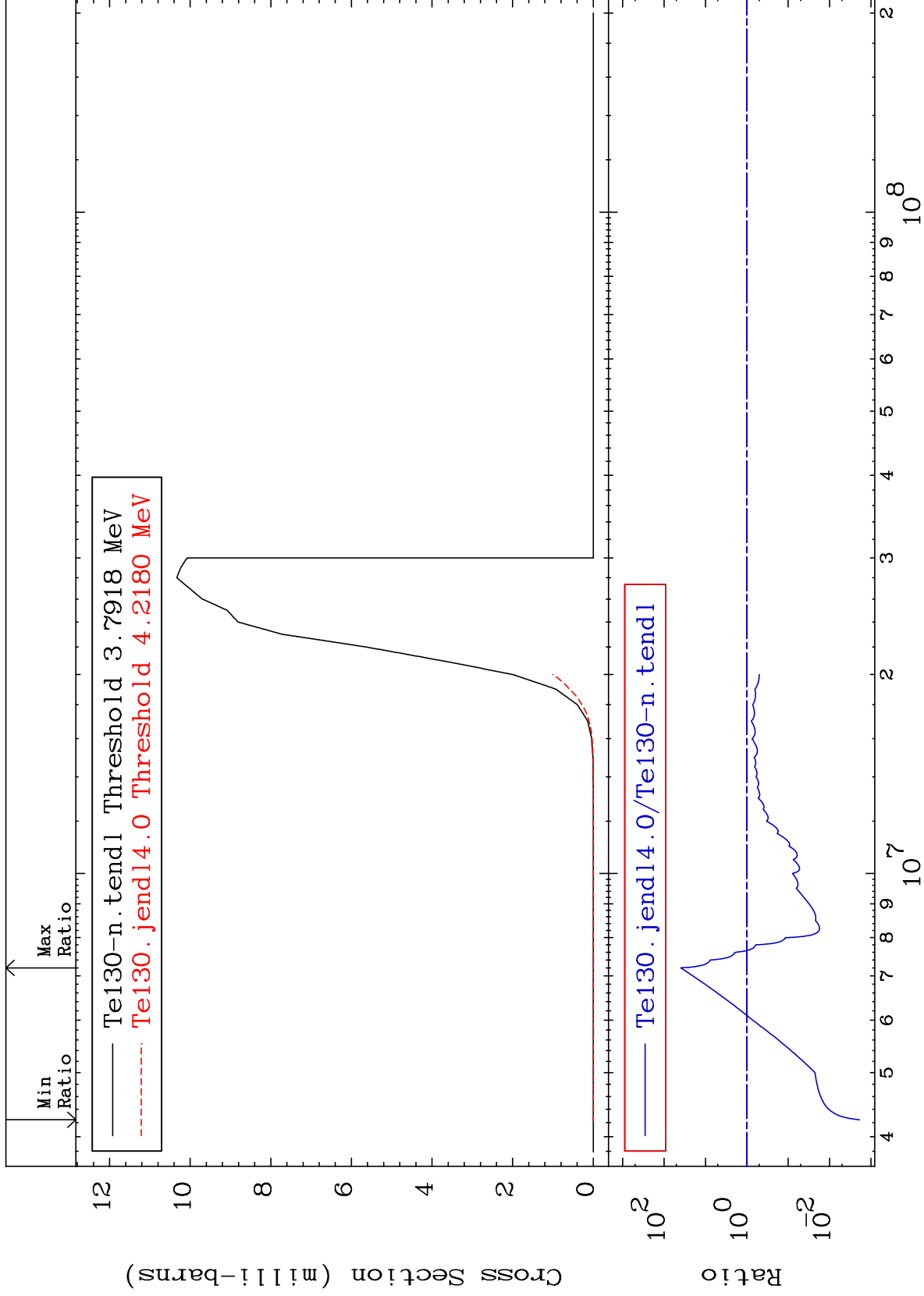
To 499.2 %



MAT 5255

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

52-Te-130  
-99.81 To 3833. %



6

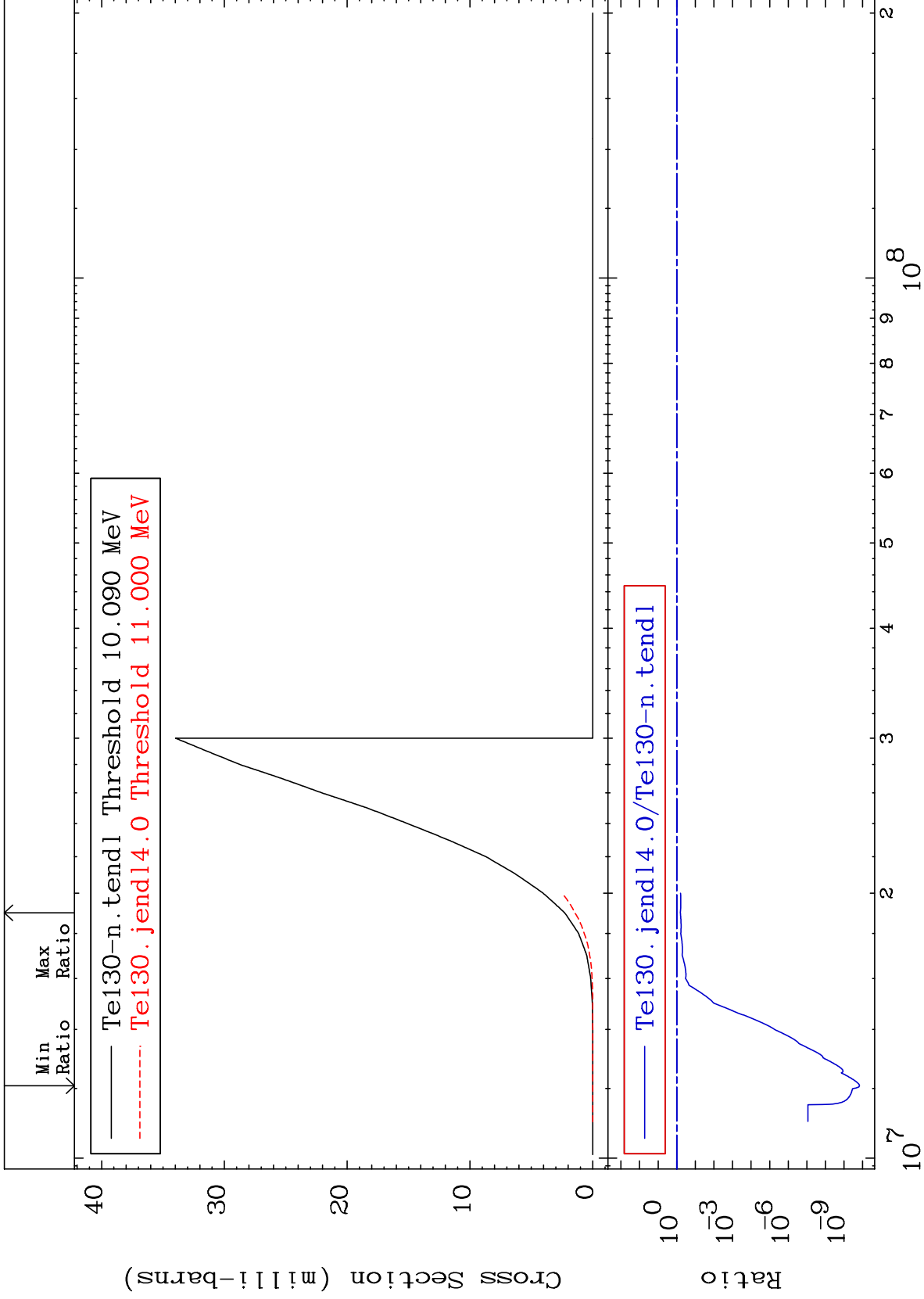
Incident Energy (eV)

52-Te-130

MAT 5255

(n,n') p  
Cross Section

52-Te-130  
-100.0 To -36.27%



Incident Energy (eV)

52-Te-130

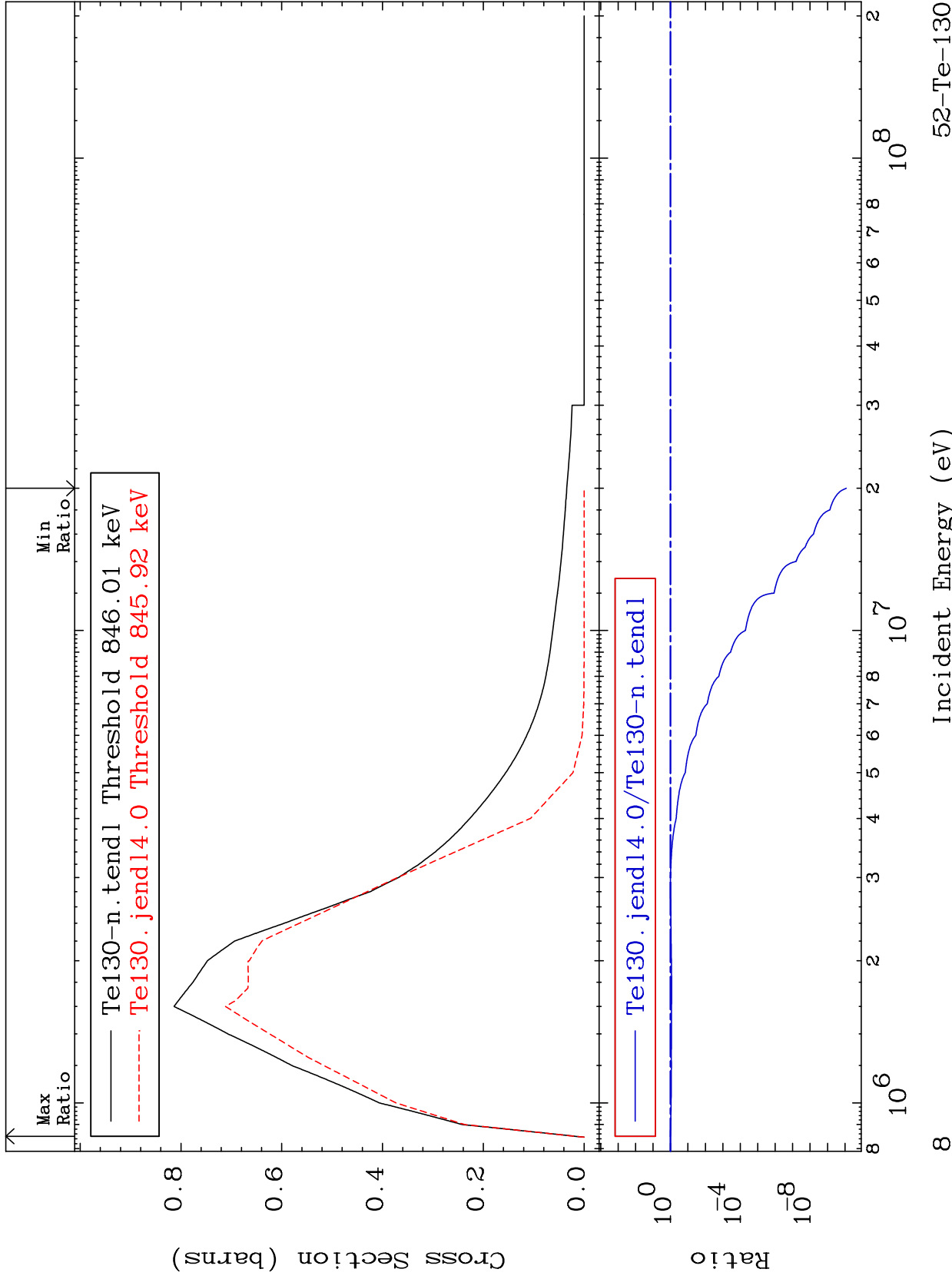
MAT 5255

839.5 keV (n,n') Level

52-Te-130

-100.0 To 2.991 %

Cross Section

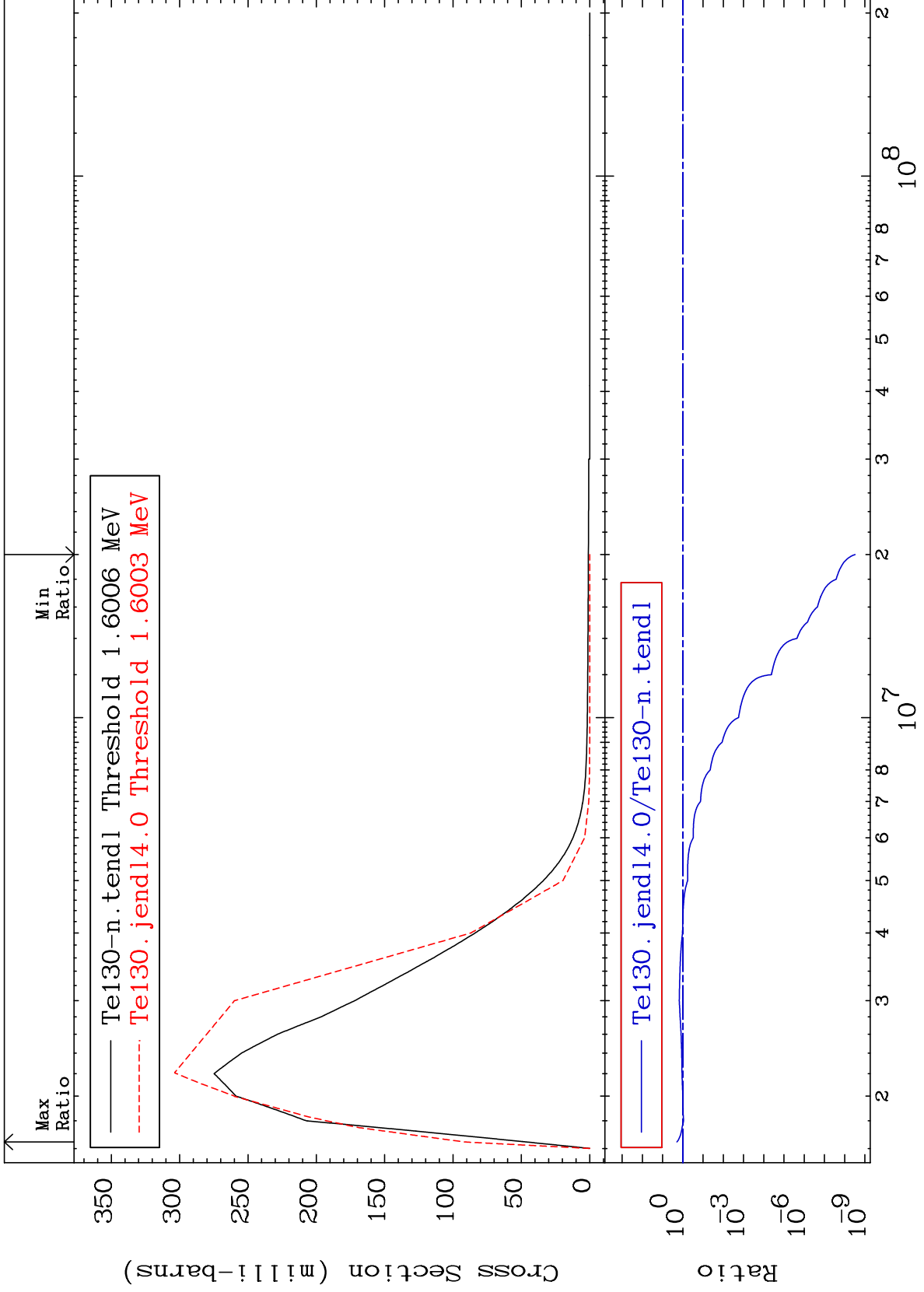




MAT 5255

1.588 MeV (n,n') Level  
Cross Section

52-Te-130  
-100.0 To 96.76 %



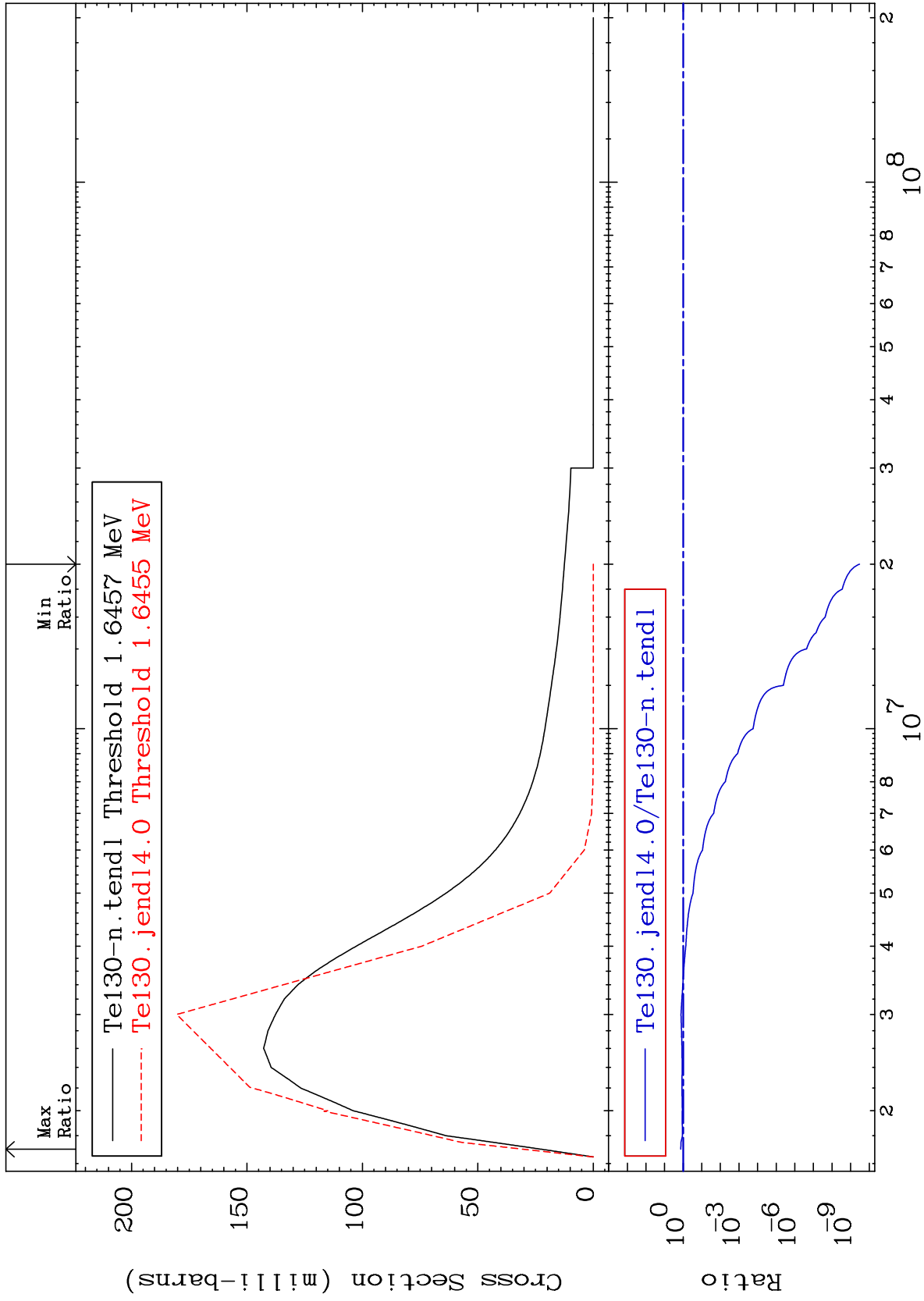
MAT 5255

1.633 MeV (n,n') Level

52-Te-130

-100.0 To 34.55 %

Cross Section



10

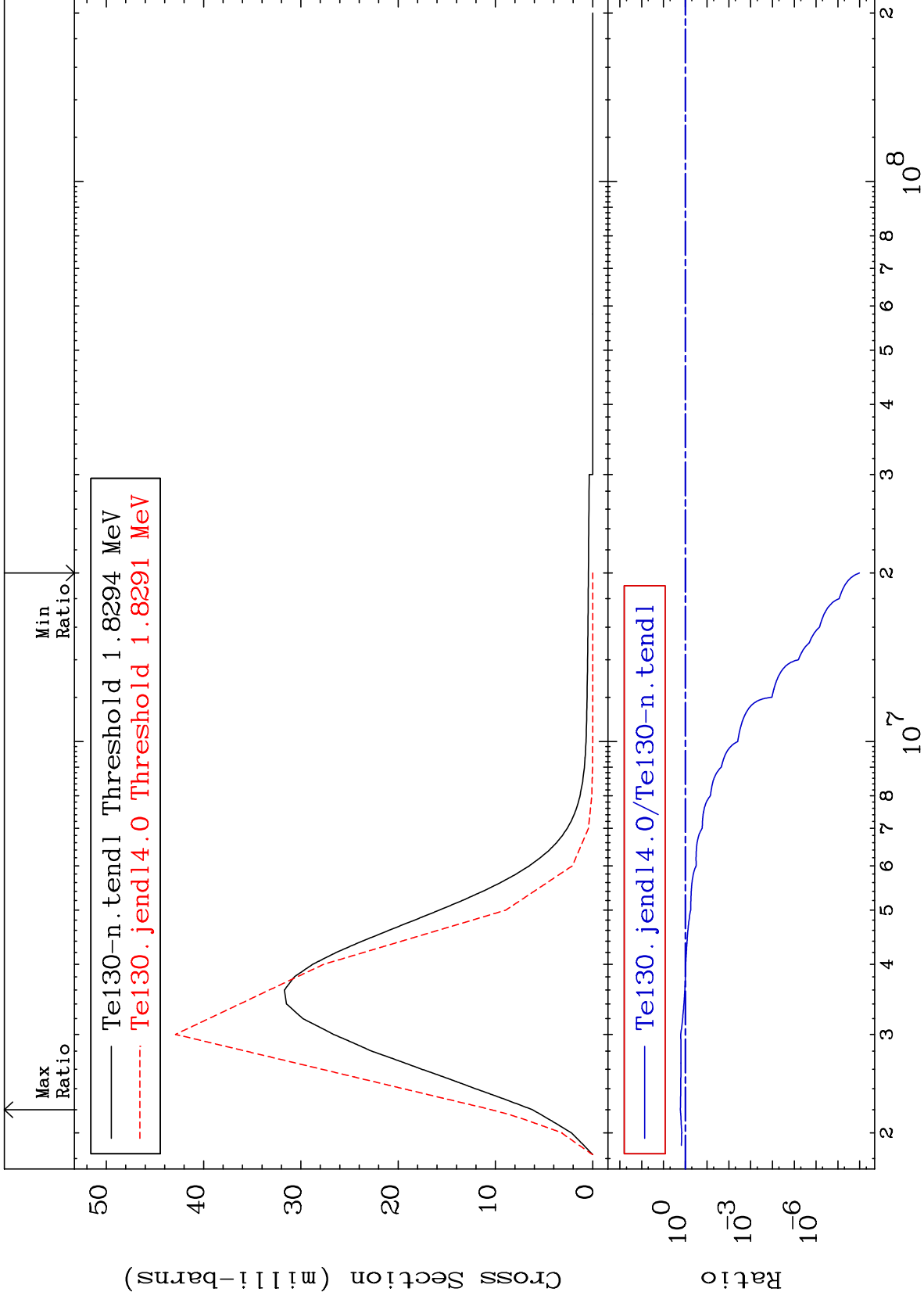
Incident Energy (eV)

52-Te-130

MAT 5255

1.815 MeV (n,n') Level  
Cross Section

52-Te-130  
-100.0 To 68.38 %



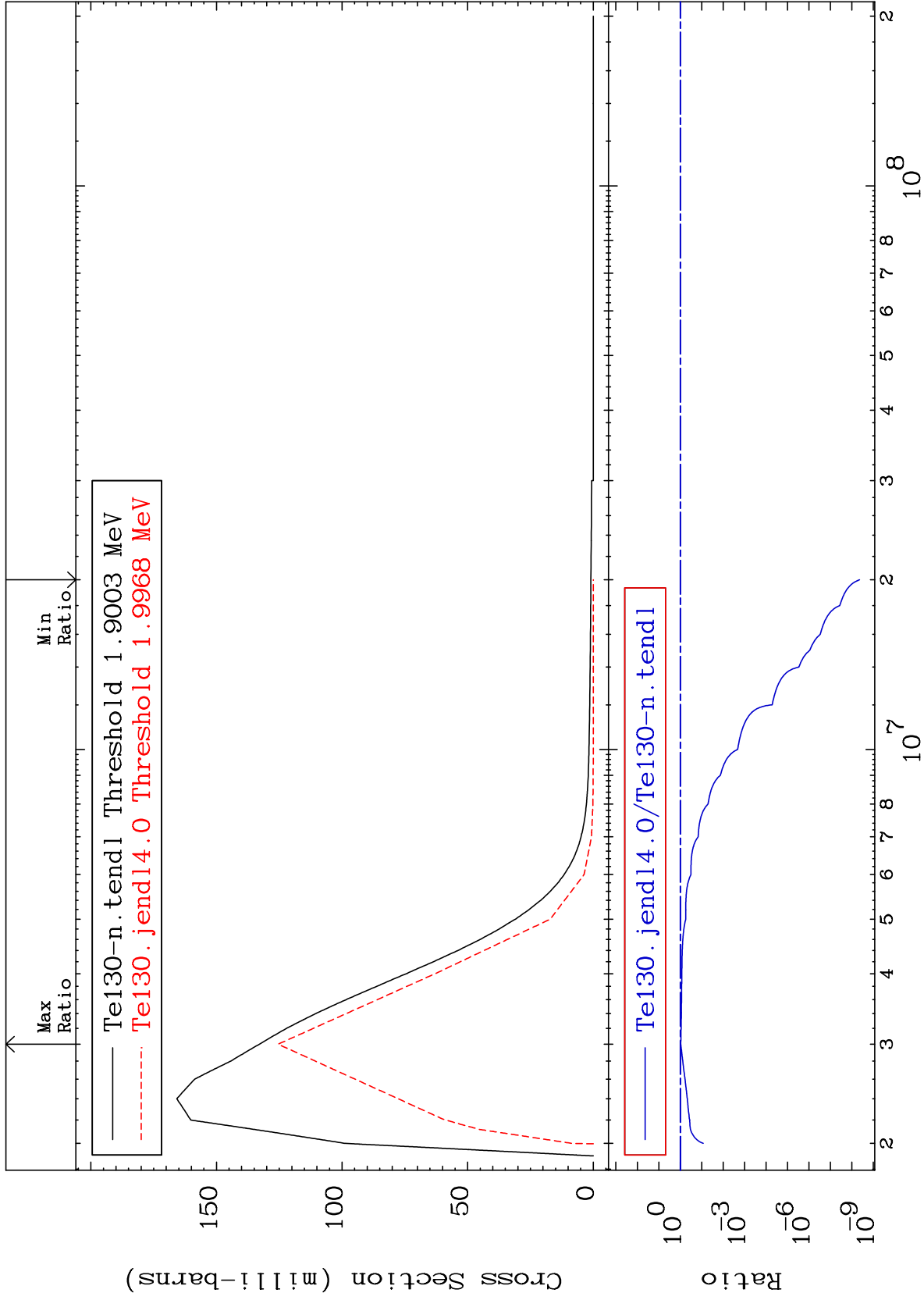
MAT 5255

1.886 MeV (n,n') Level

52-Te-130

-100.0 To -5.597%

Cross Section



12

Incident Energy (eV)

52-Te-130

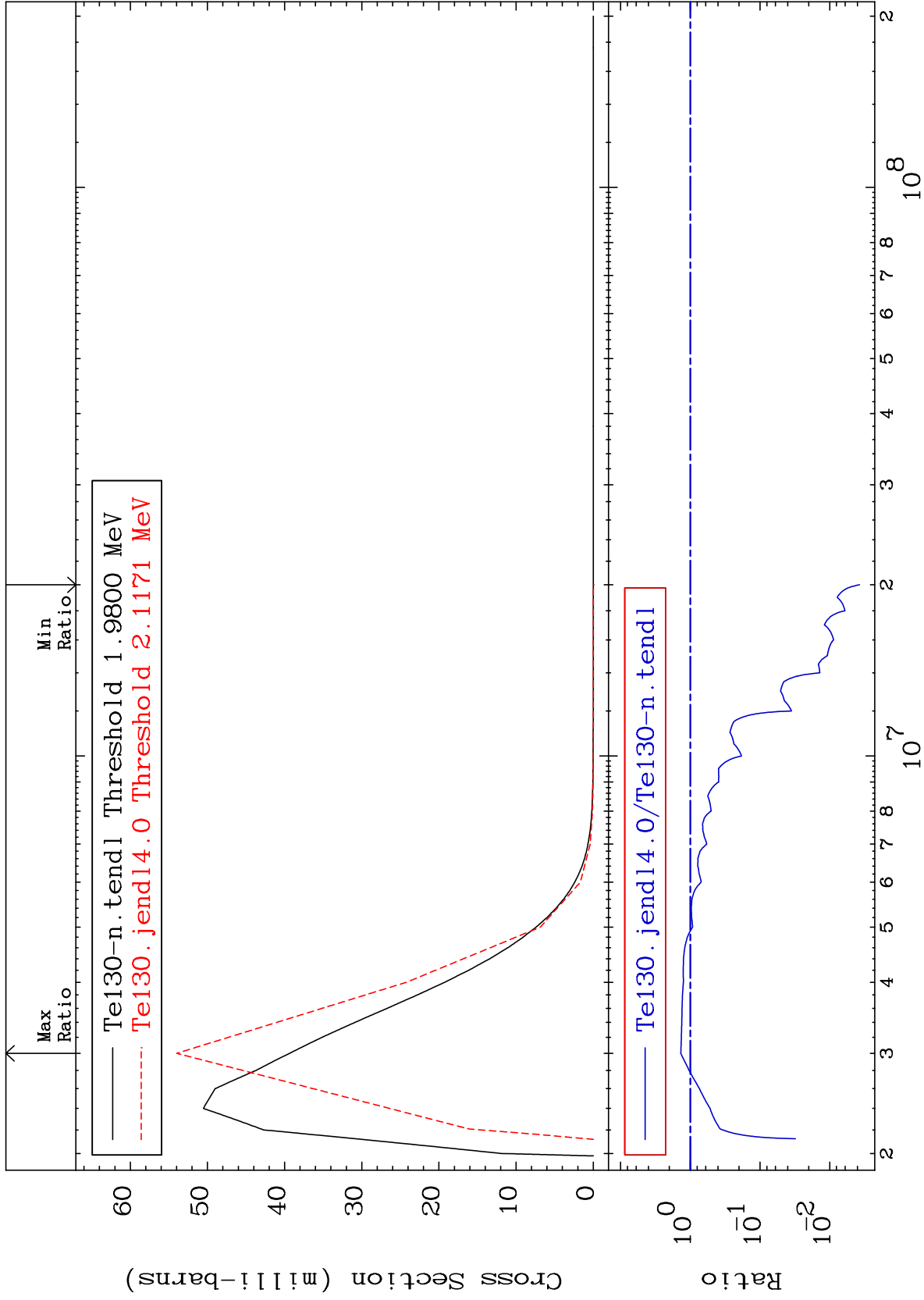
MAT 5255

1.965 MeV (n,n') Level

52-Te-130

-99.63 To 37.18 %

Cross Section



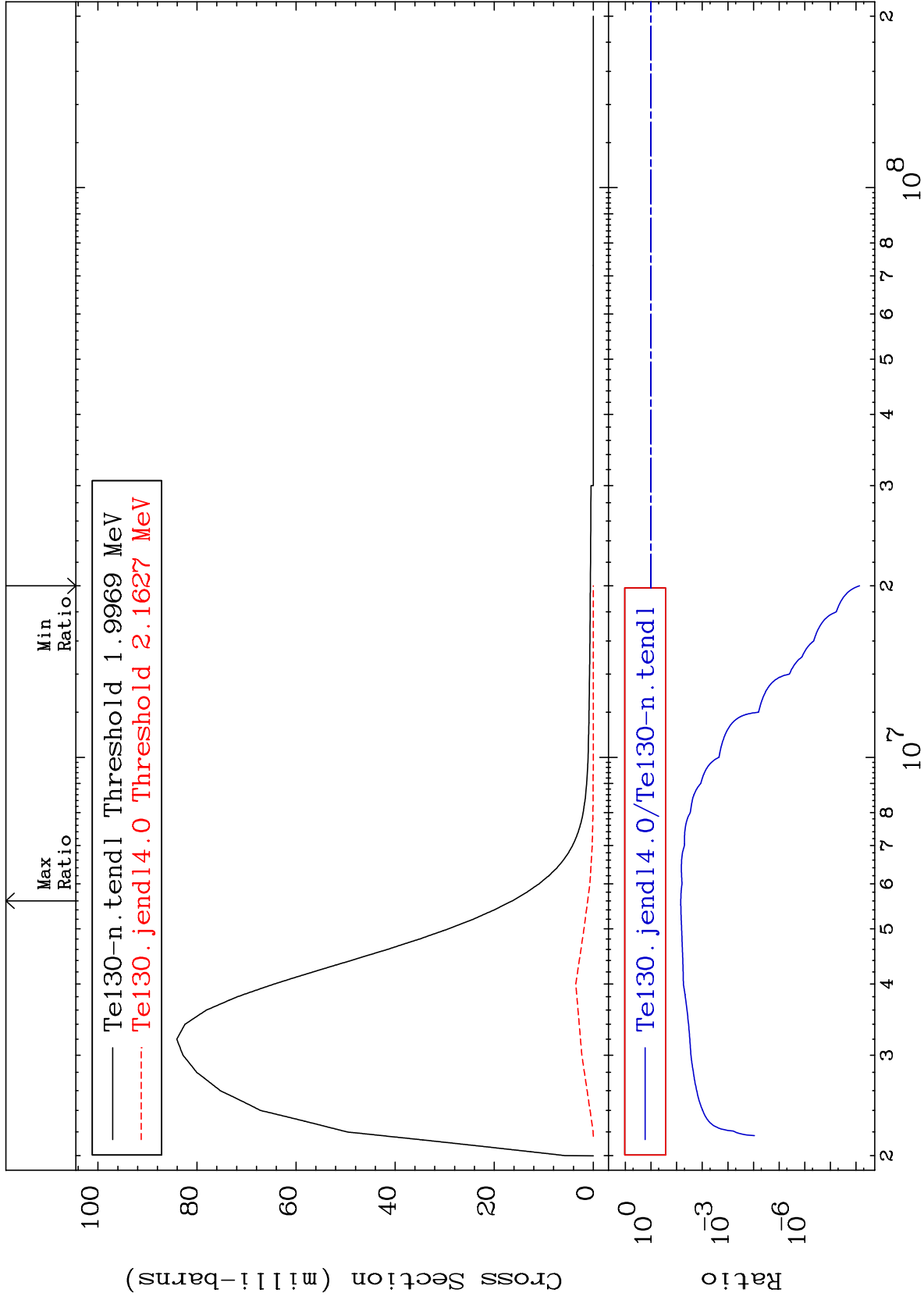
MAT 5255

1.982 MeV (n,n') Level

52-Te-130

-100.0 To -93.09%

Cross Section



14

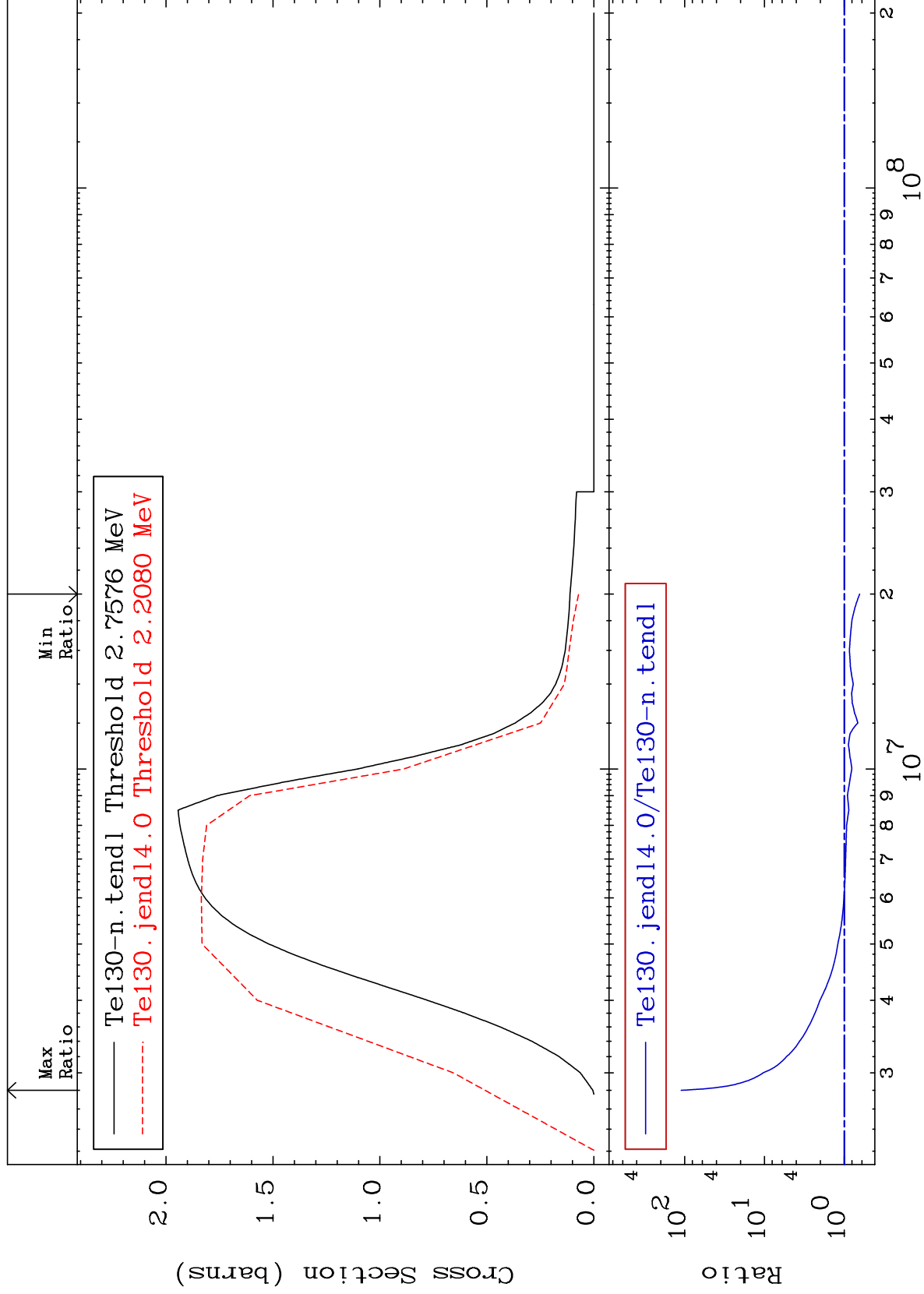
Incident Energy (eV)

52-Te-130

MAT 5255

(n, n') Continuum  
Cross Section

52-Te-130  
-35.80 To 9999. %



15

Incident Energy (eV)

52-Te-130

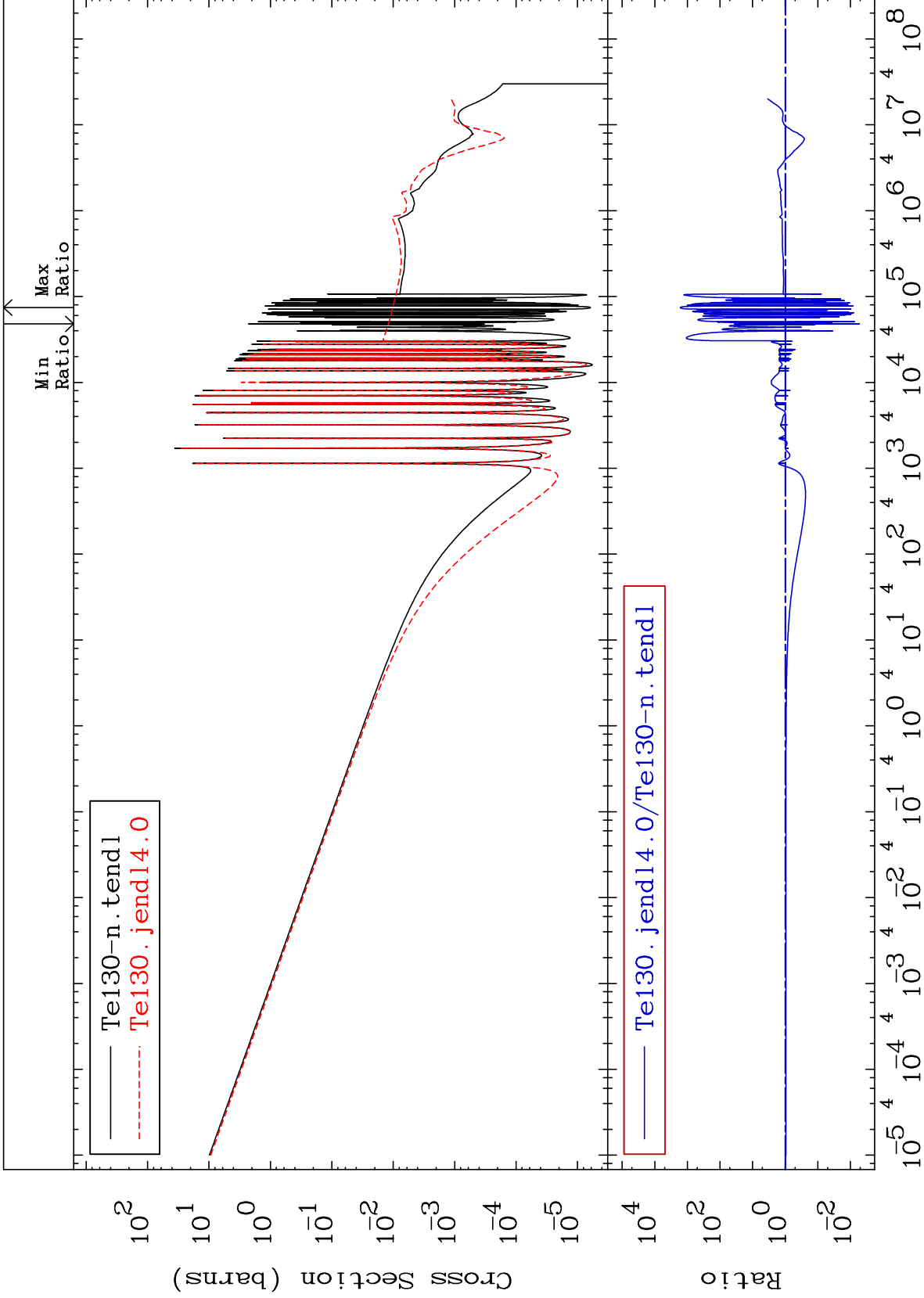
MAT 5255

(n,  $\gamma$ )

52-Te-130

Cross Section

-99.47 To 9999. %



16

Incident Energy (eV)

52-Te-130



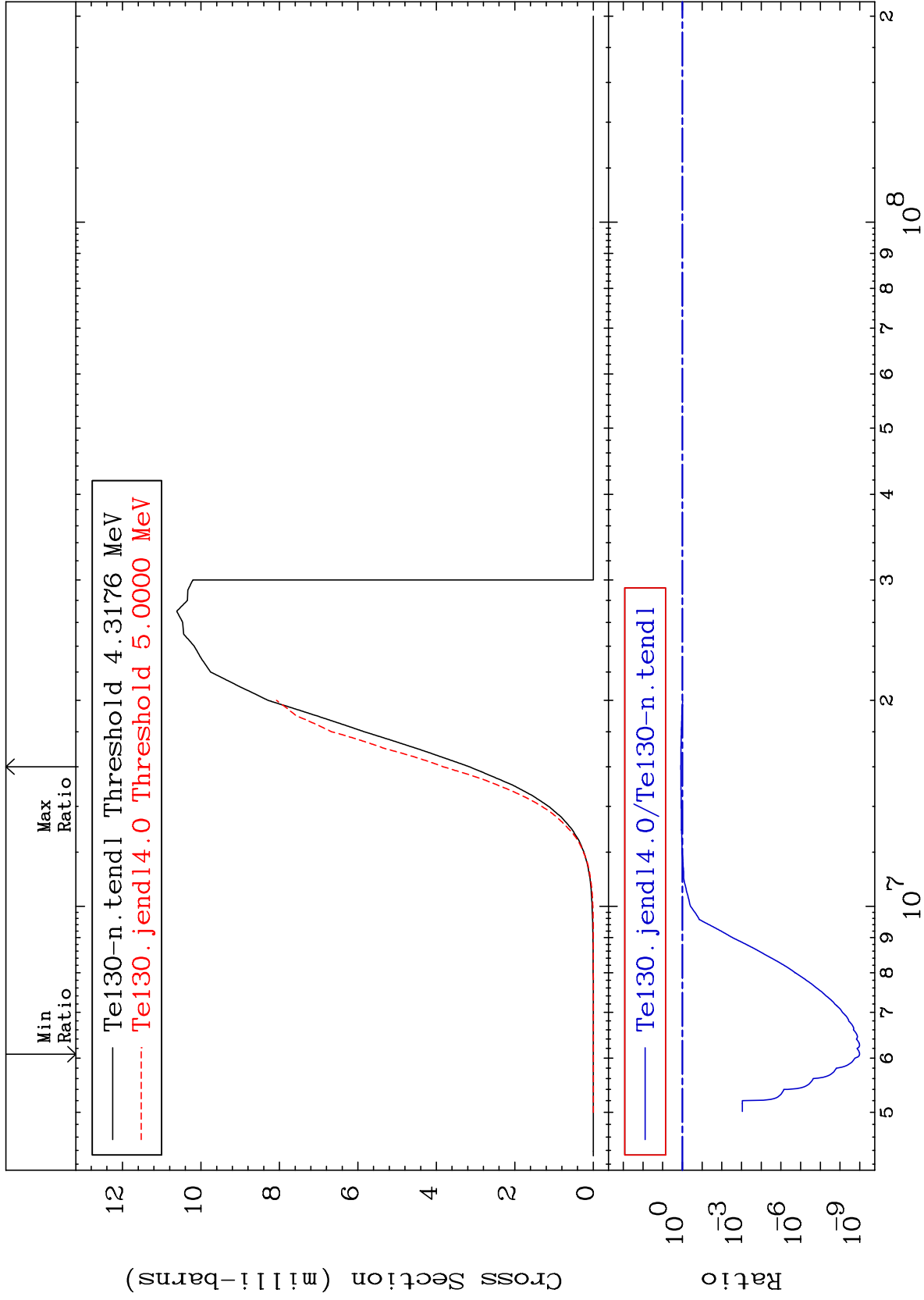
MAT 5255

(n,p)

52-Te-130

Cross Section

-100.0 To 21.01 %



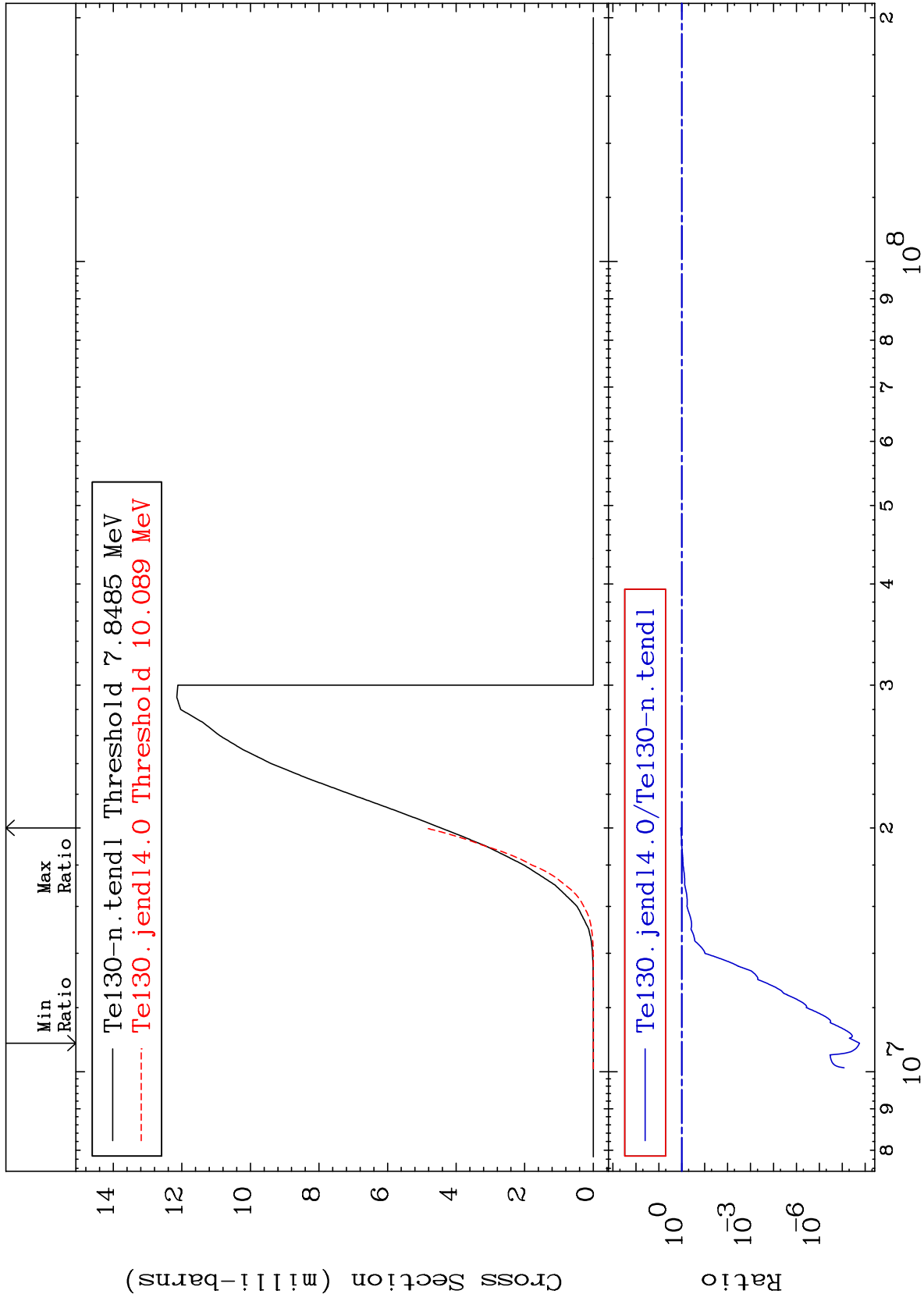
MAT 5255

(n, d)

52-Te-130

Cross Section

-100.0 To 10.38 %



18

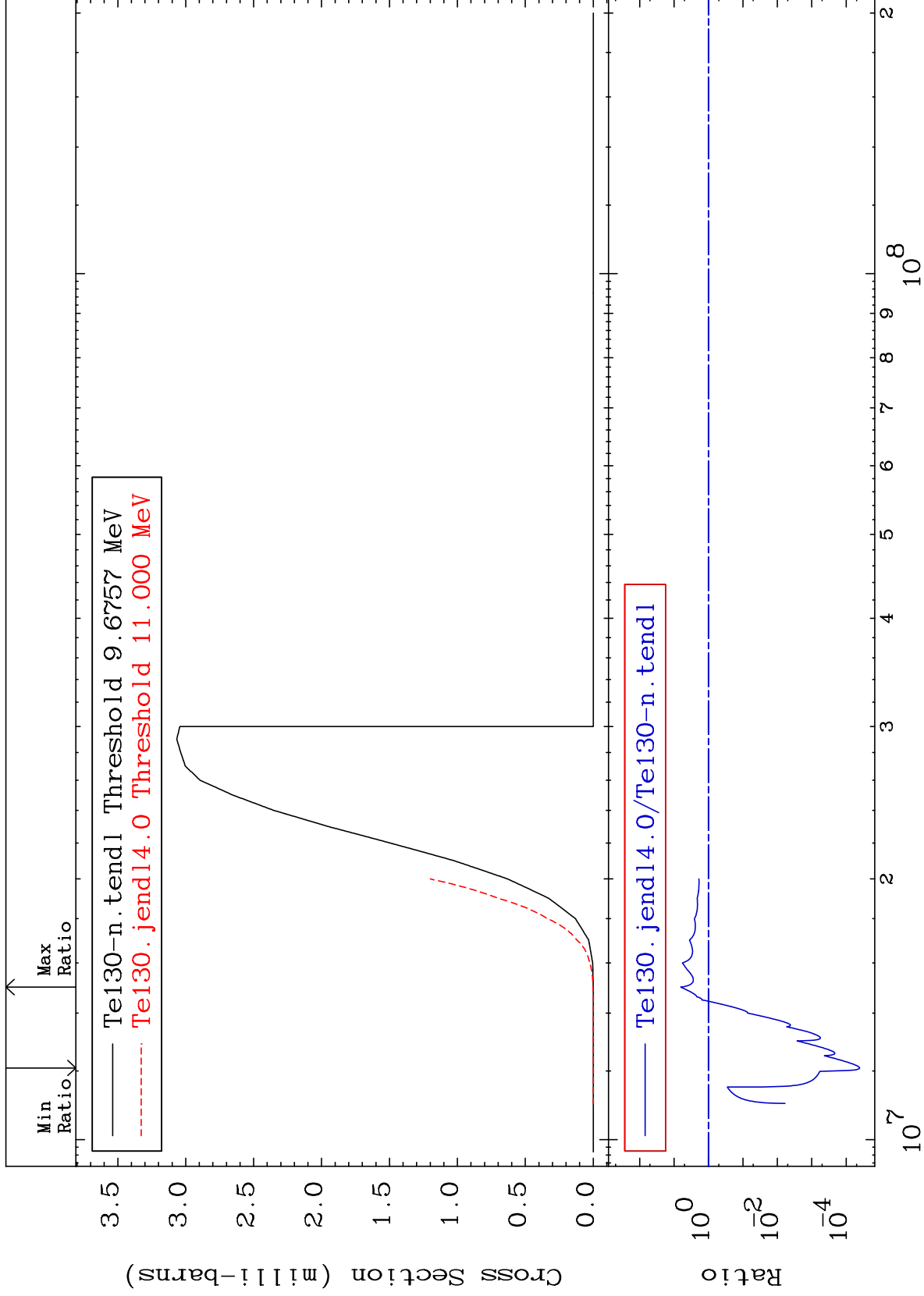
Incident Energy (eV)

52-Te-130

MAT 5255

(n, t)  
Cross Section

52-Te-130  
-100.0 To 538.2 %



19

Incident Energy (eV)

52-Te-130

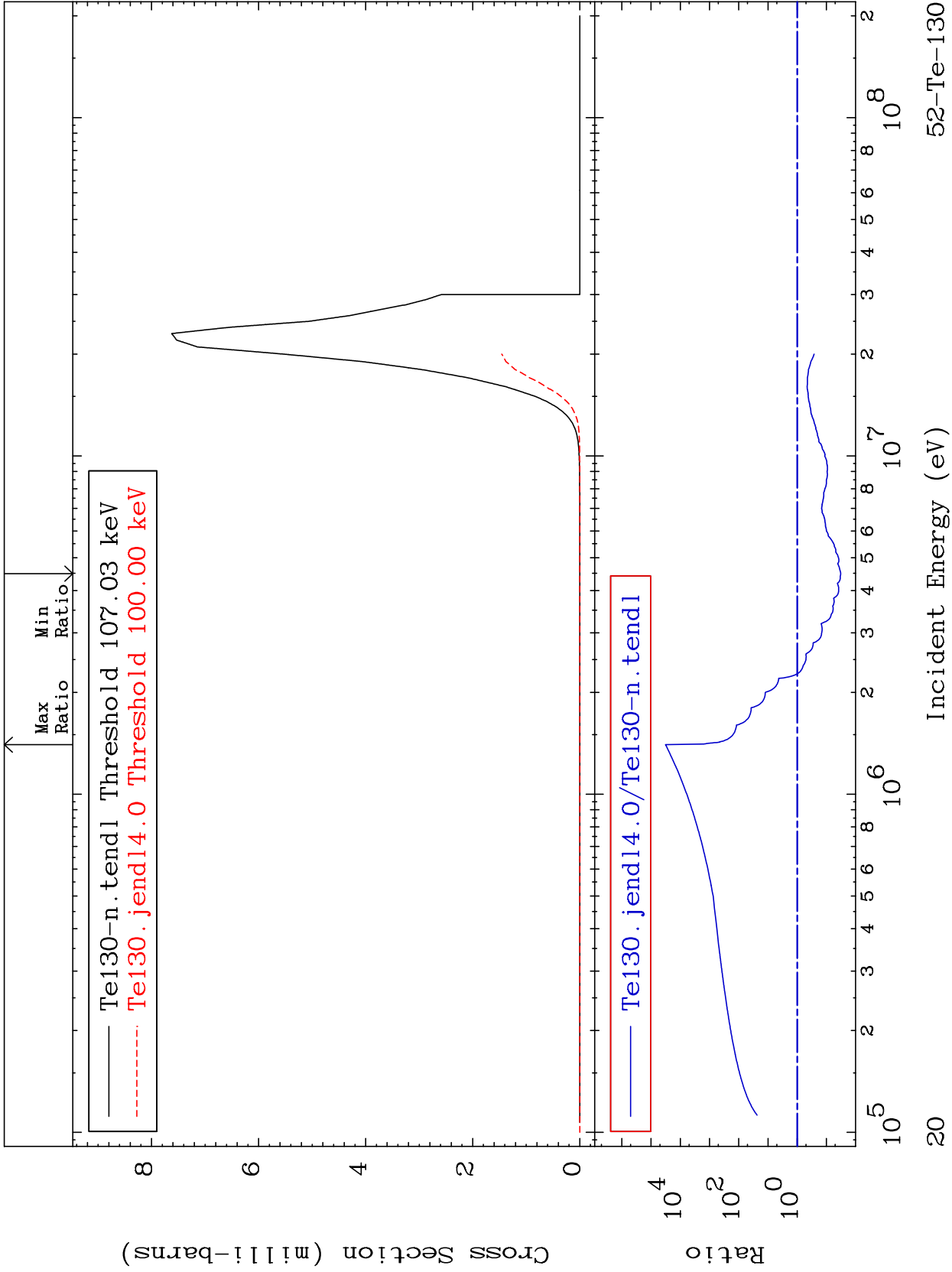
MAT 5255

(n,  $\alpha$ )

52-Te-130

Cross Section

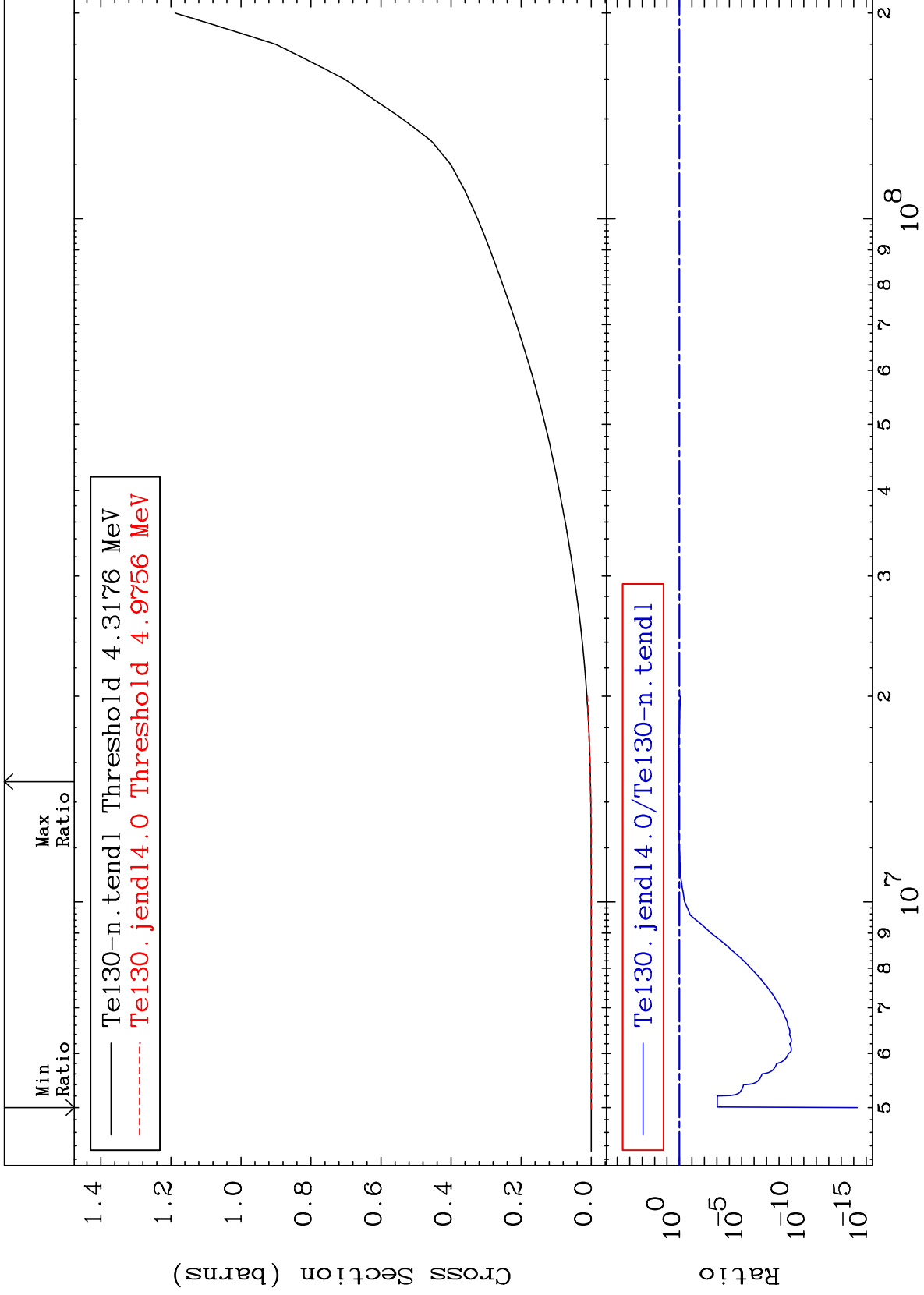
-96.75 To 9999. %



MAT 5255

Hydrogen Production  
Cross Section

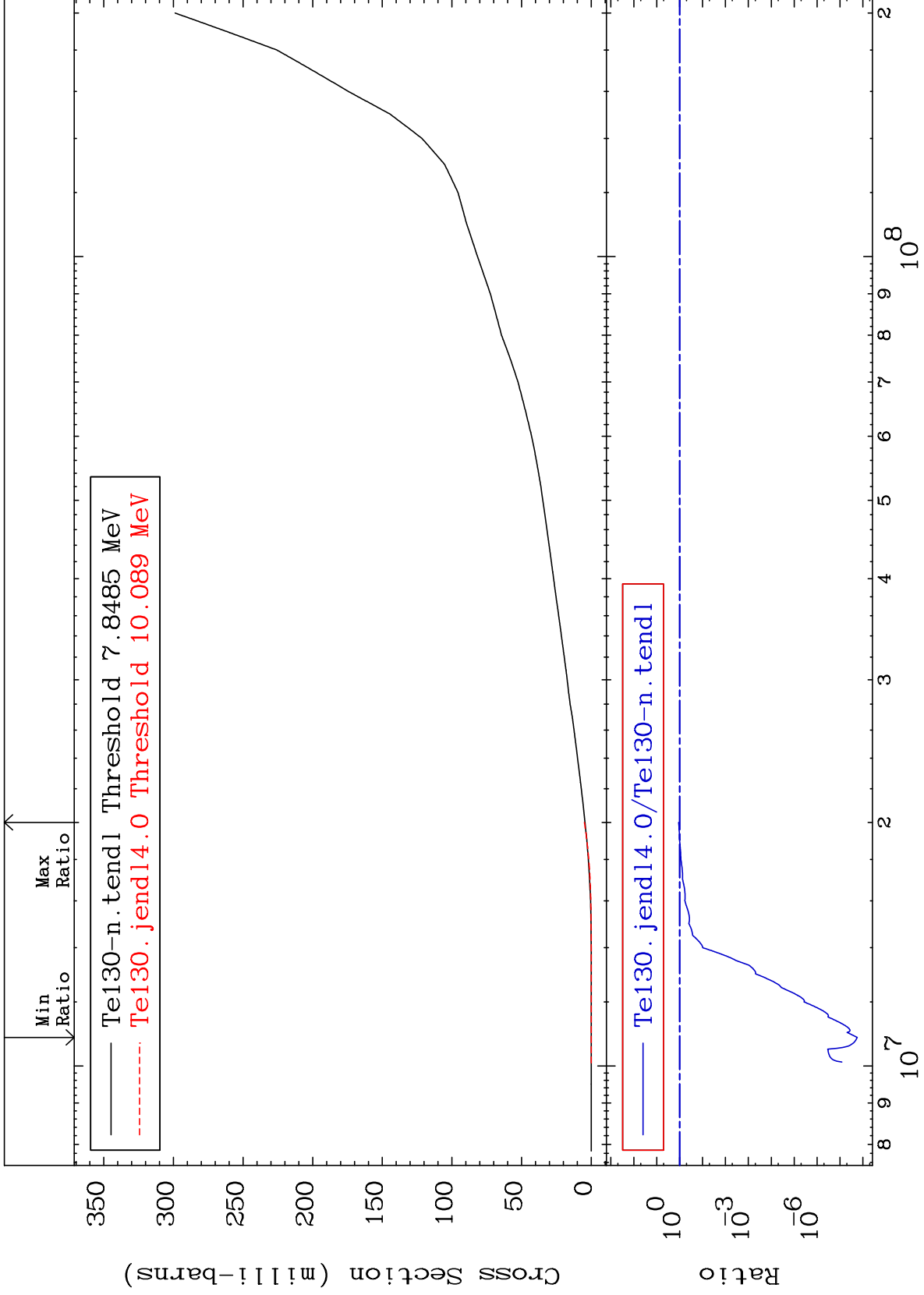
52-Te-130  
-100.0 To 16.94 %



MAT 5255

Deuterium Production  
Cross Section

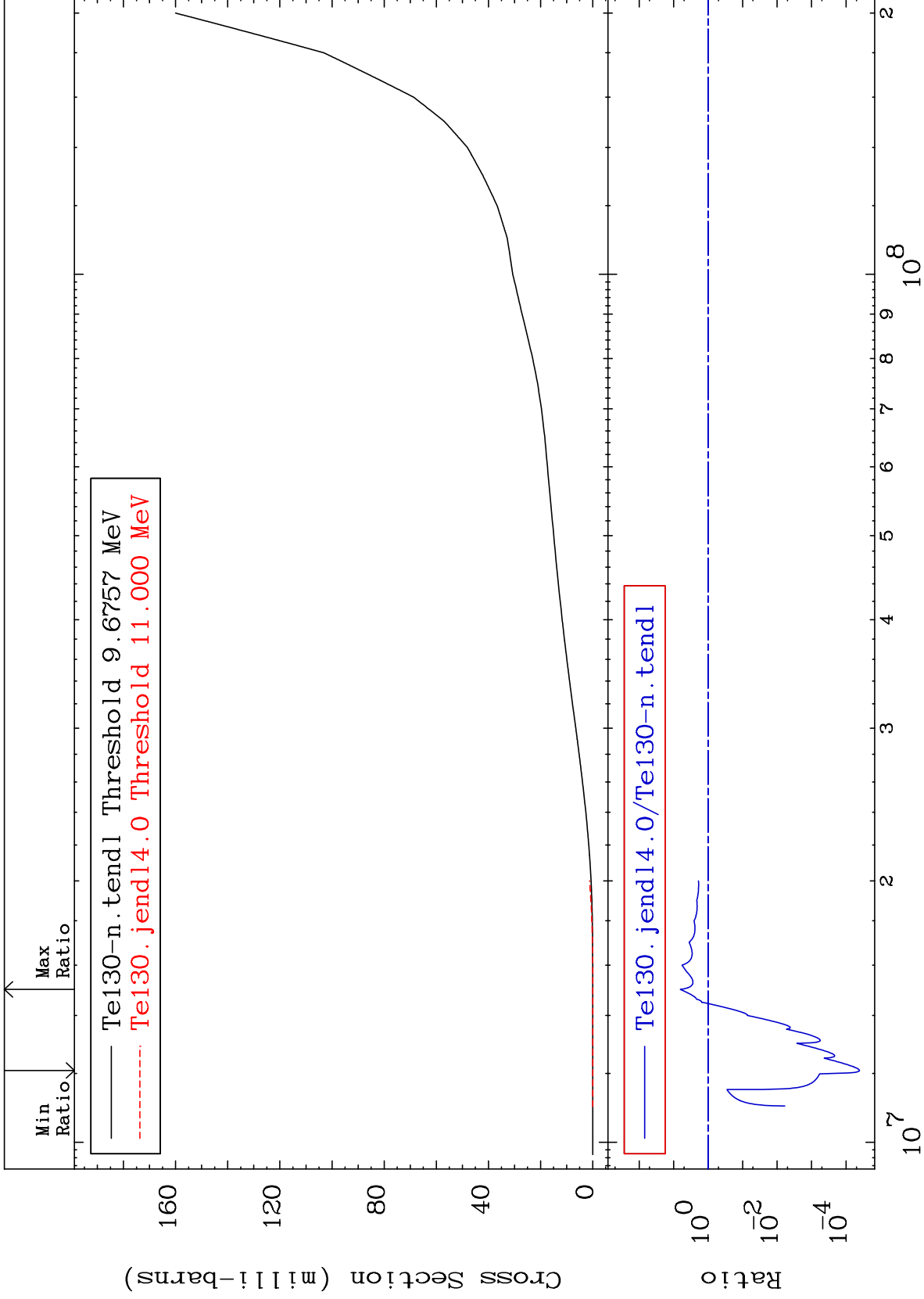
52-Te-130  
-100.0 To 10.38 %



MAT 5255

Tritium Production  
Cross Section

52-Te-130  
-100.0 To 538.2 %



23

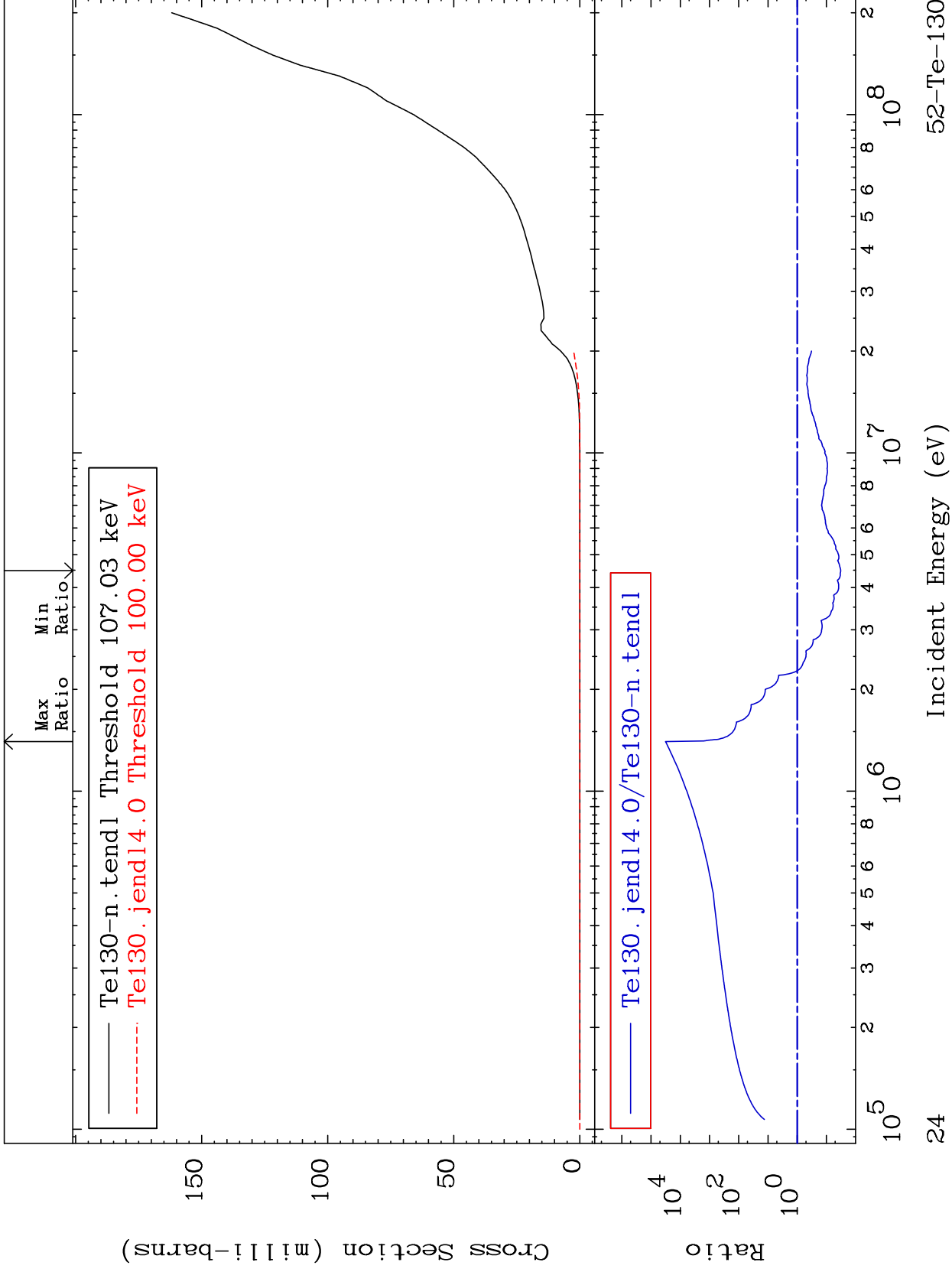
Incident Energy (eV)

52-Te-130

MAT 5255

He-4 Production  
Cross Section

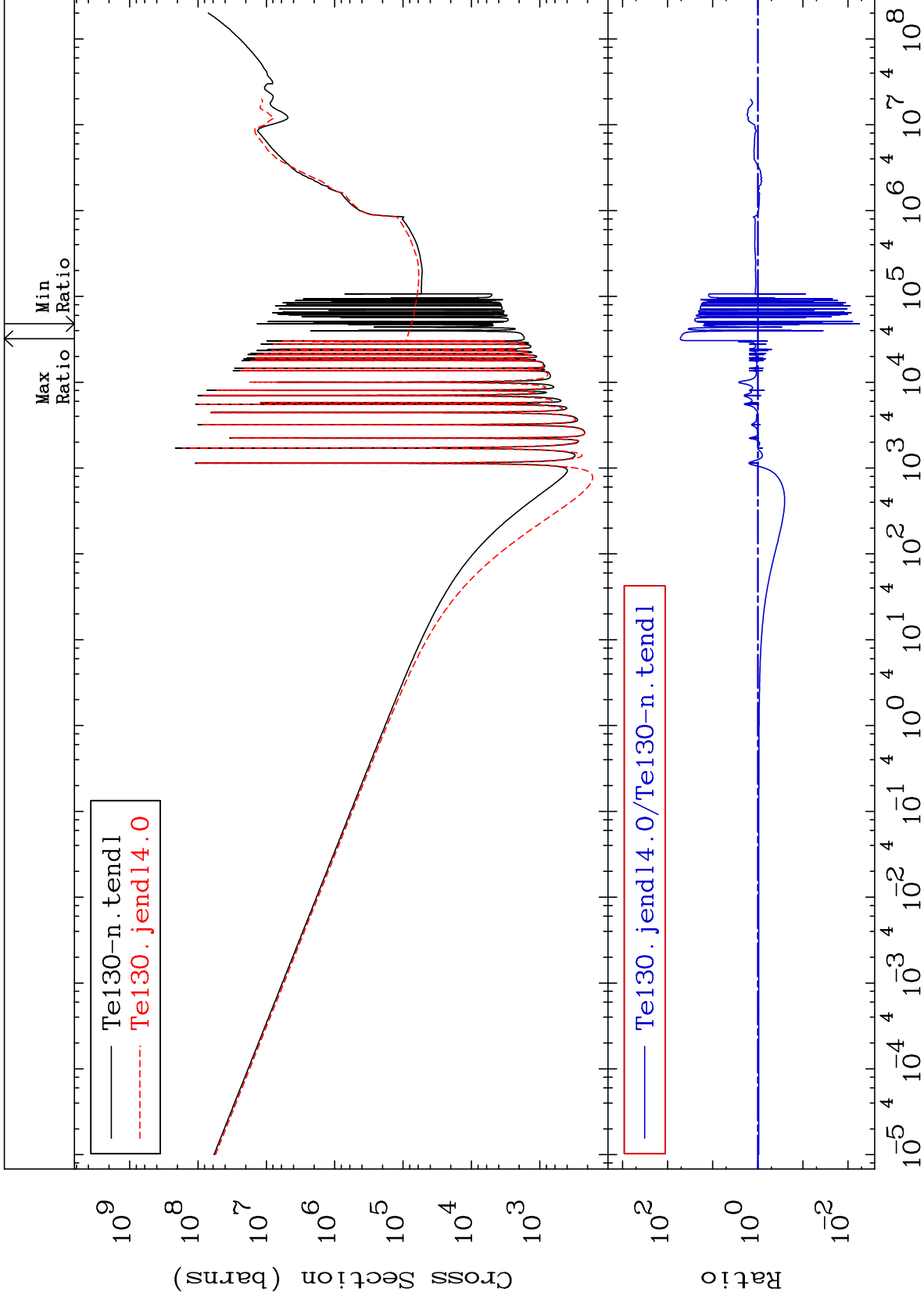
52-Te-130  
-96.75 To 9999. %



24

52-Te-130

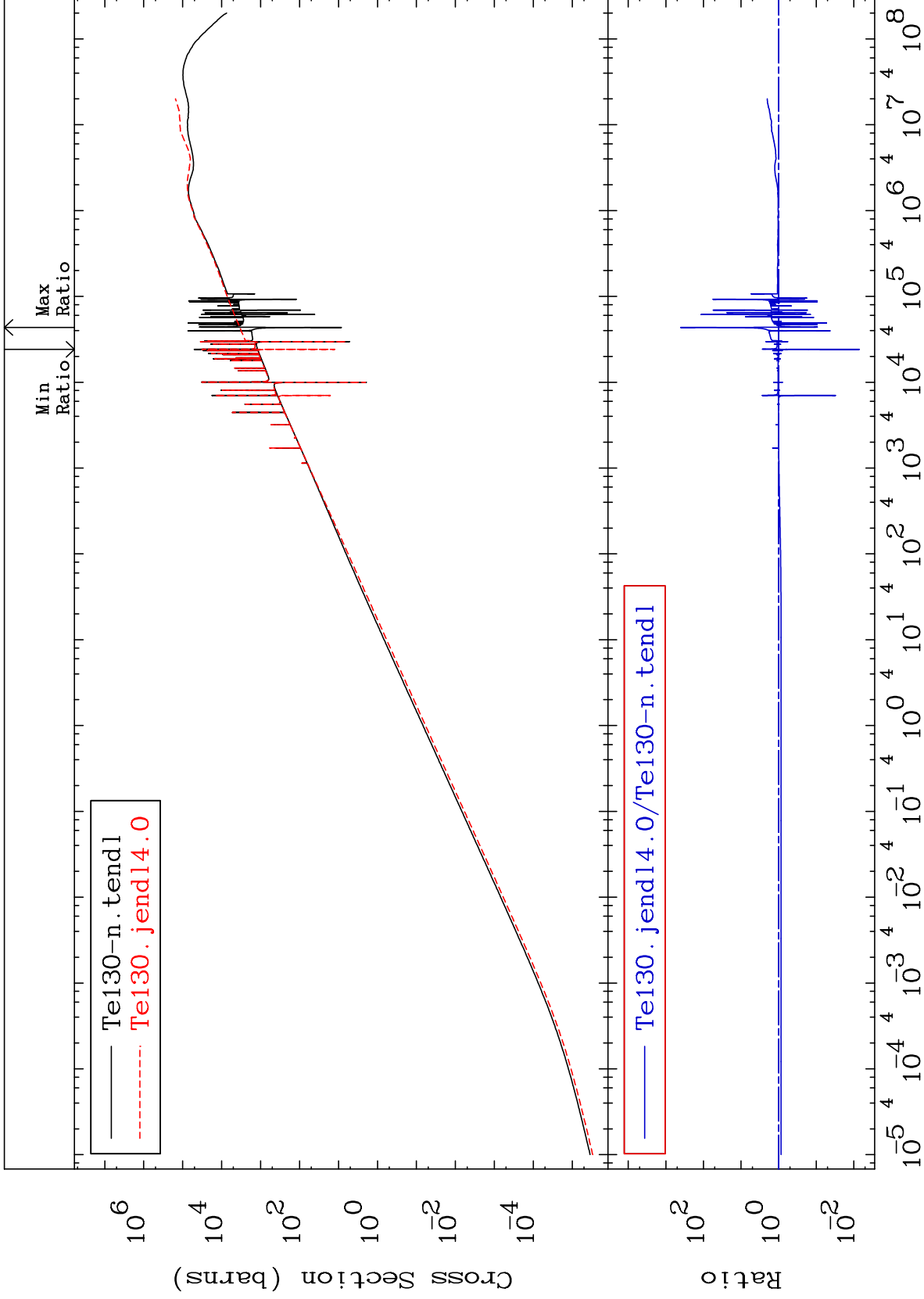




MAT 5255

Kerma elastic  
Cross Section

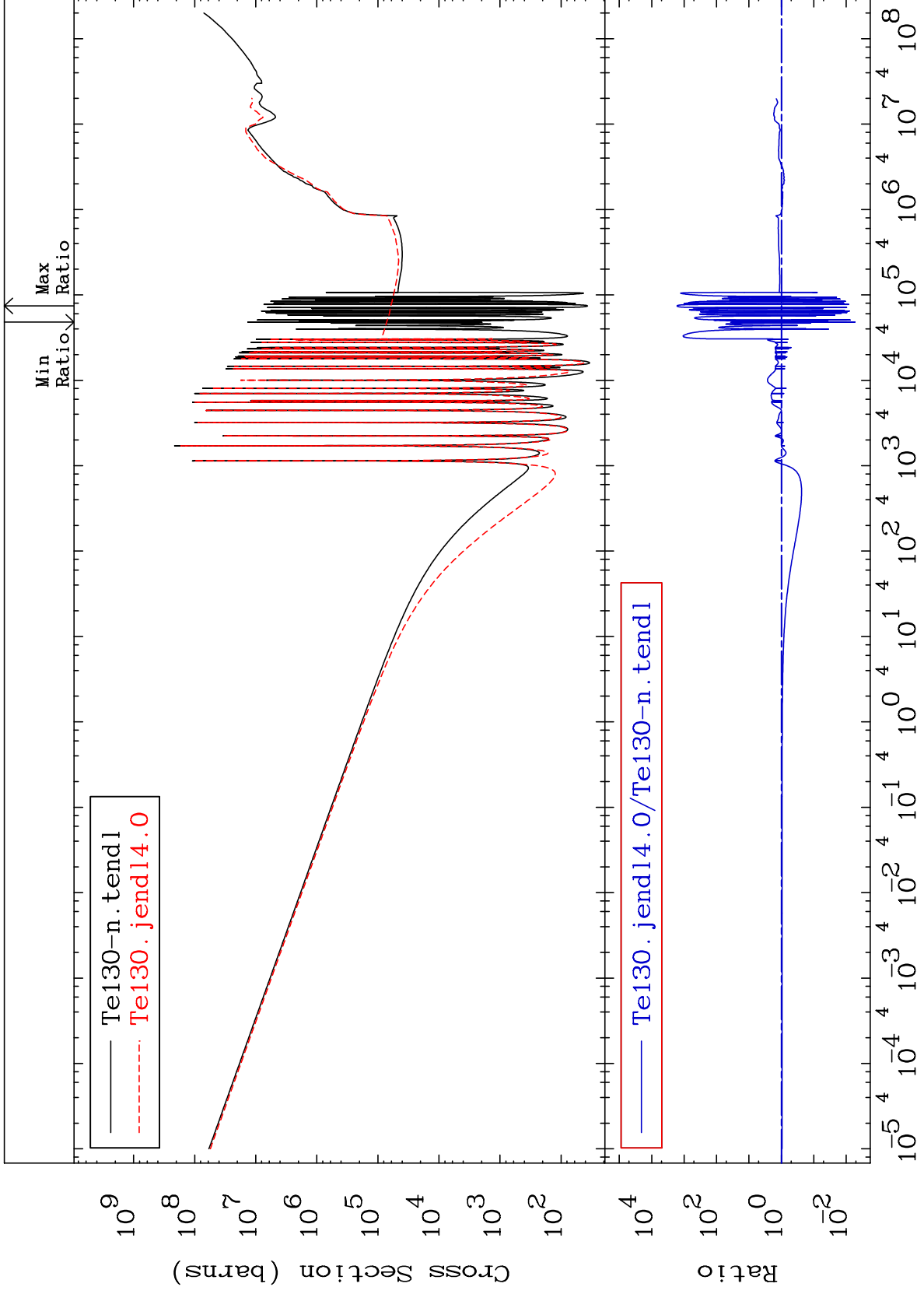
52-Te-130  
-99.29 To 9999. %



MAT 5255

Kerma non-elastic (all but mt2)  
Cross Section

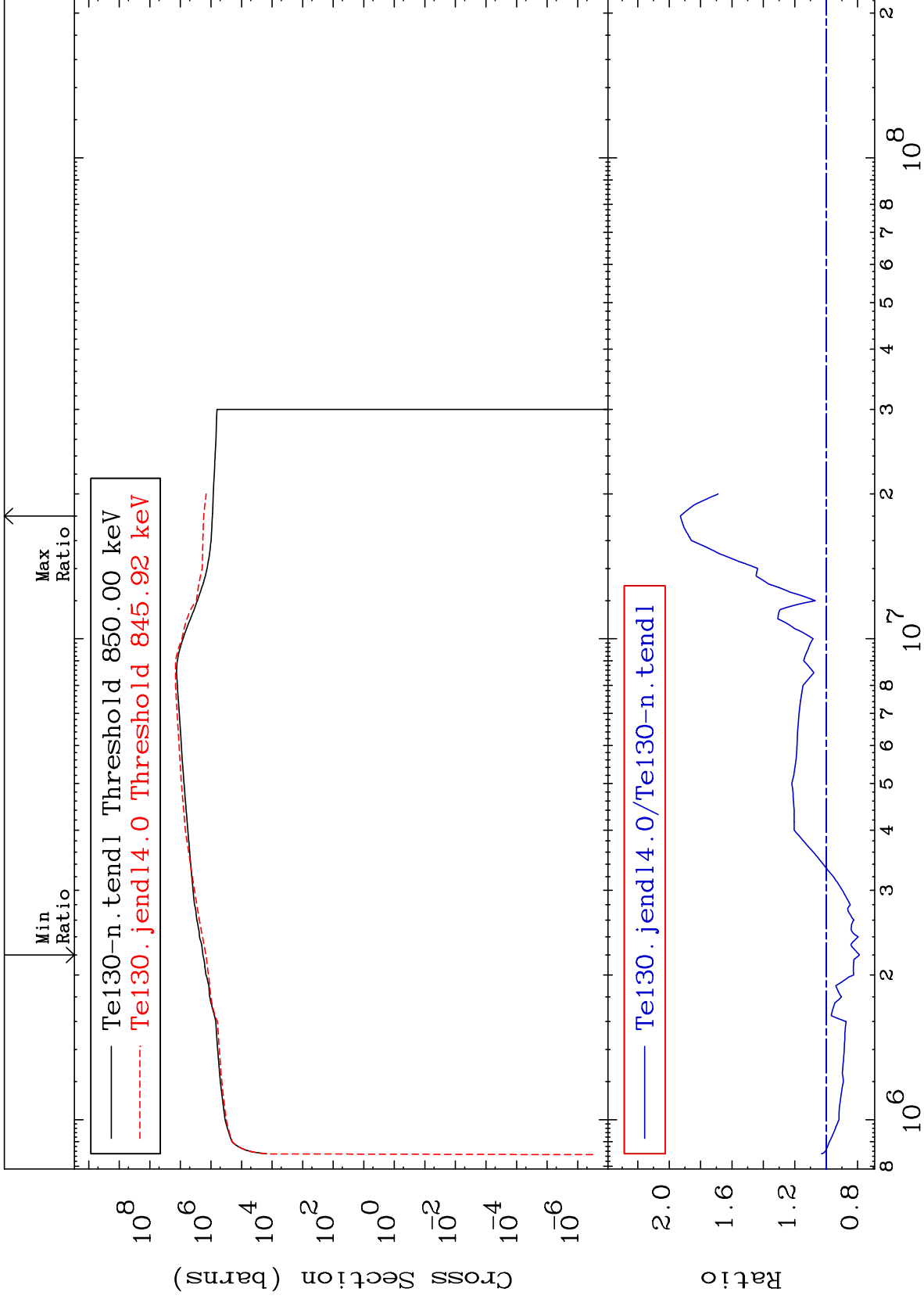
52-Te-130  
-99.47 To 9999. %



MAT 5255

Kerma inelastic (mt51-91)  
Cross Section

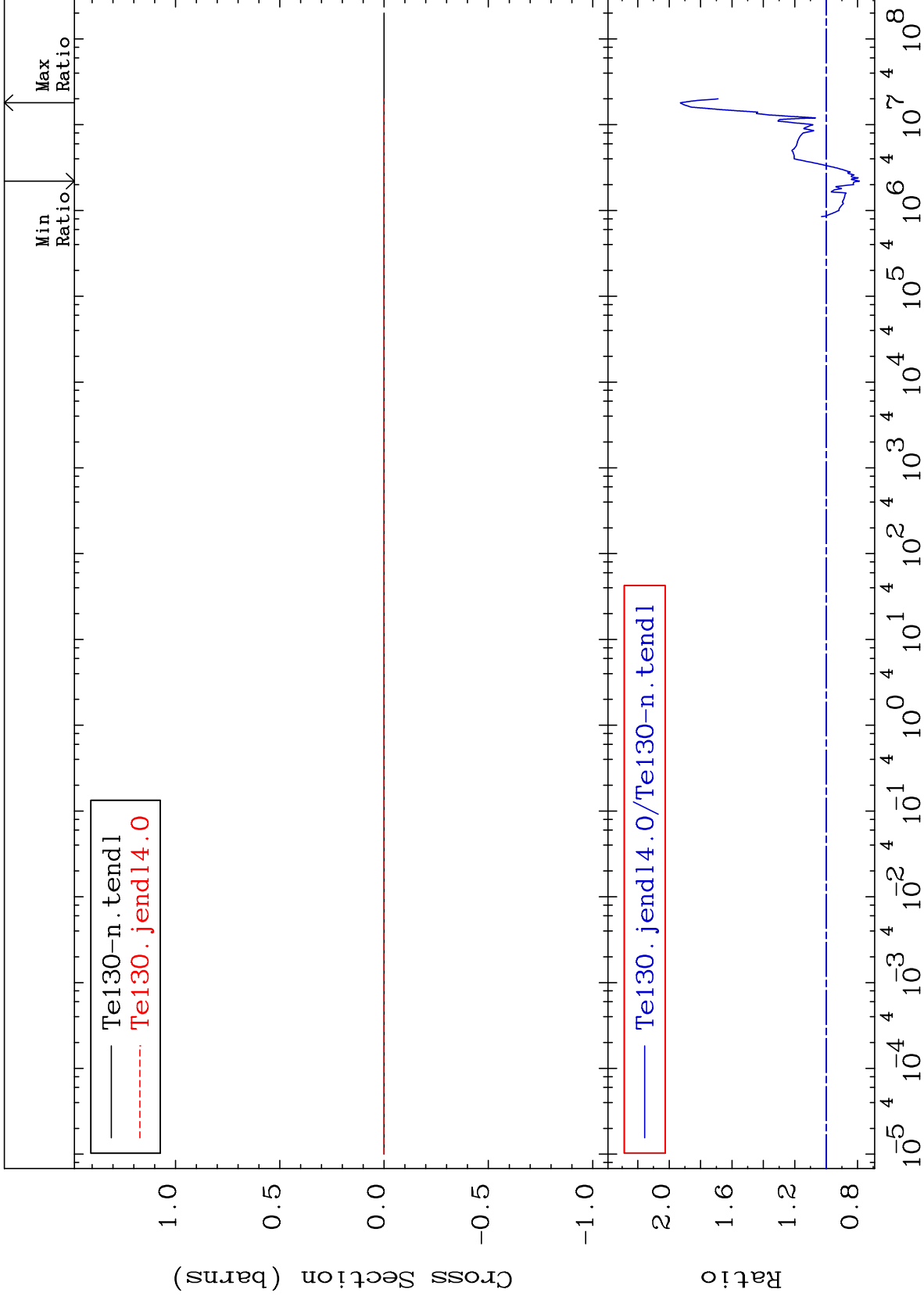
52-Te-130  
-21.18 To 92.89 %



MAT 5255

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

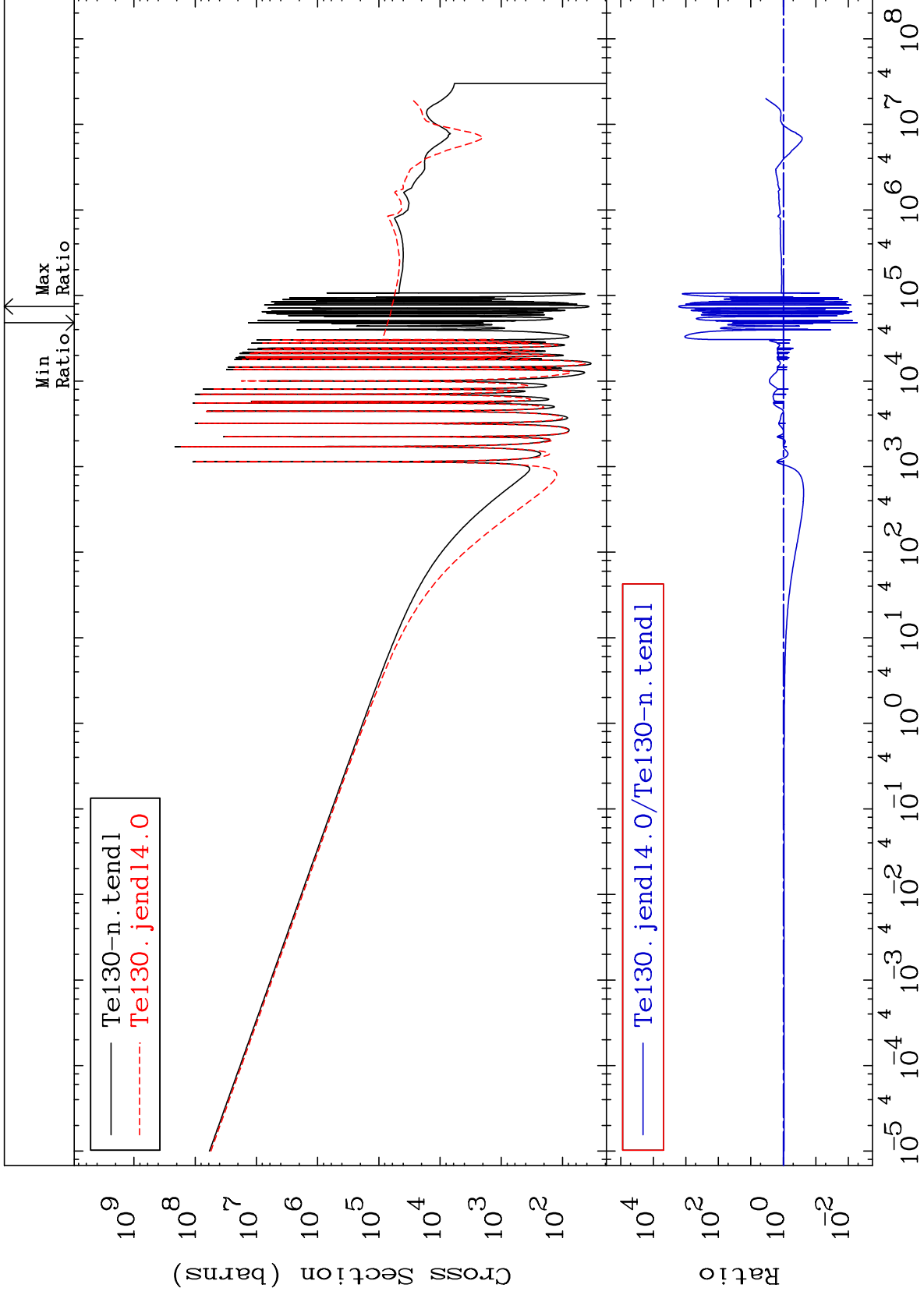
52-Te-130  
-21.18 To 92.89 %



MAT 5255

Kerma capture (mt102)  
Cross Section

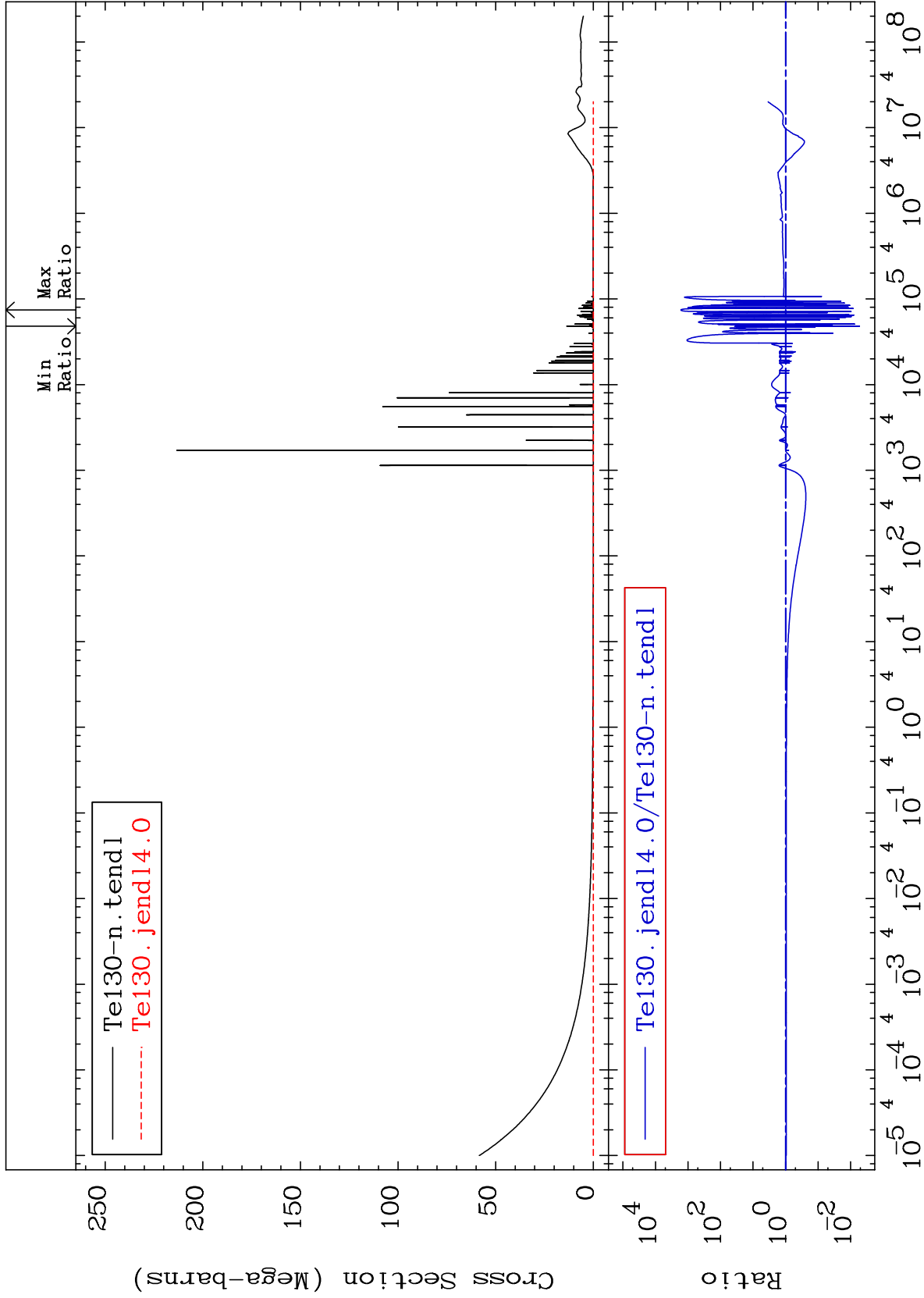
52-Te-130  
-99.47 To 9999. %



30

Incident Energy (eV)

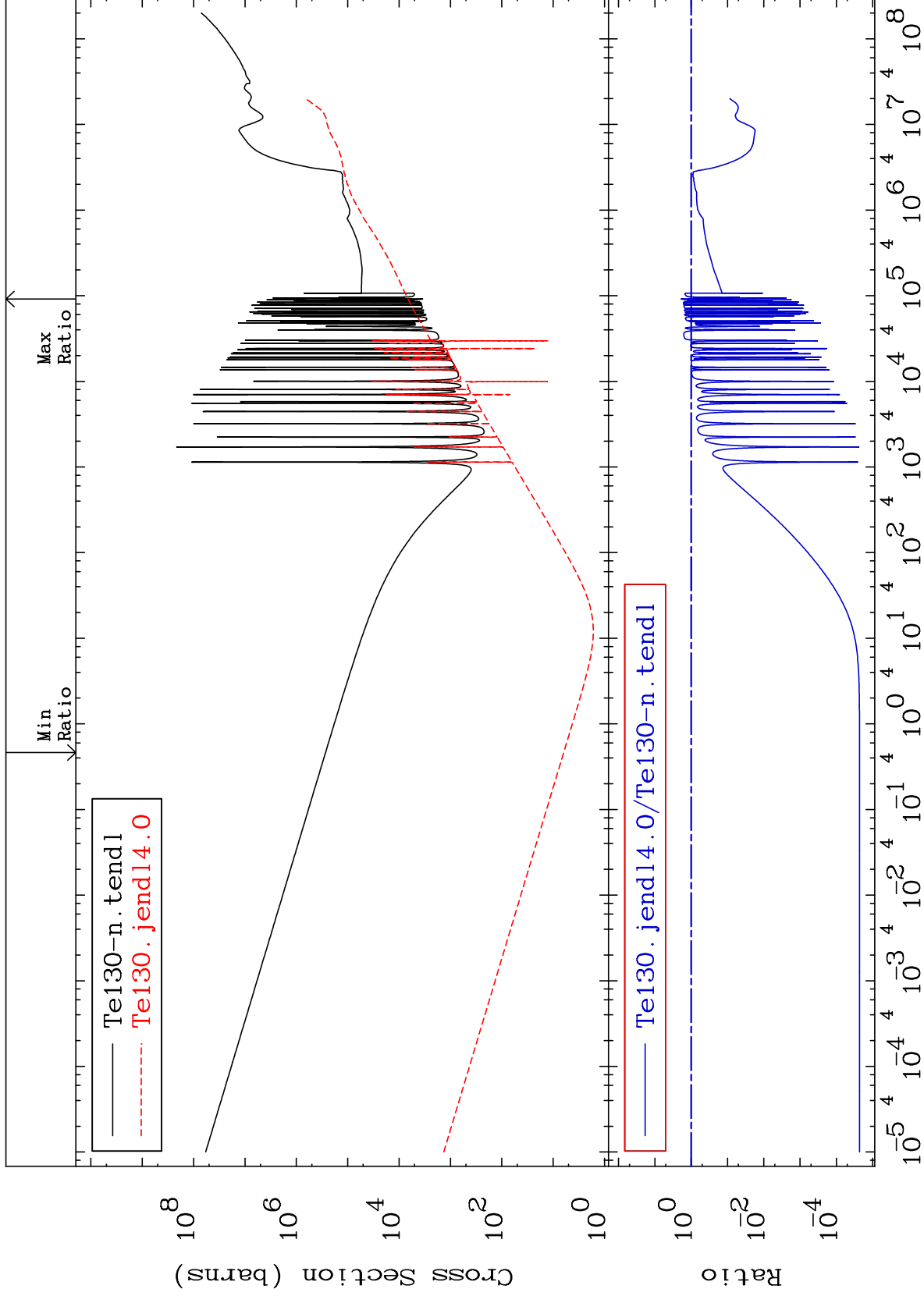
52-Te-130



MAT 5255

Total kinematic kerma (high limit)  
Cross Section

52-Te-130  
-100.0 To 93.64 %

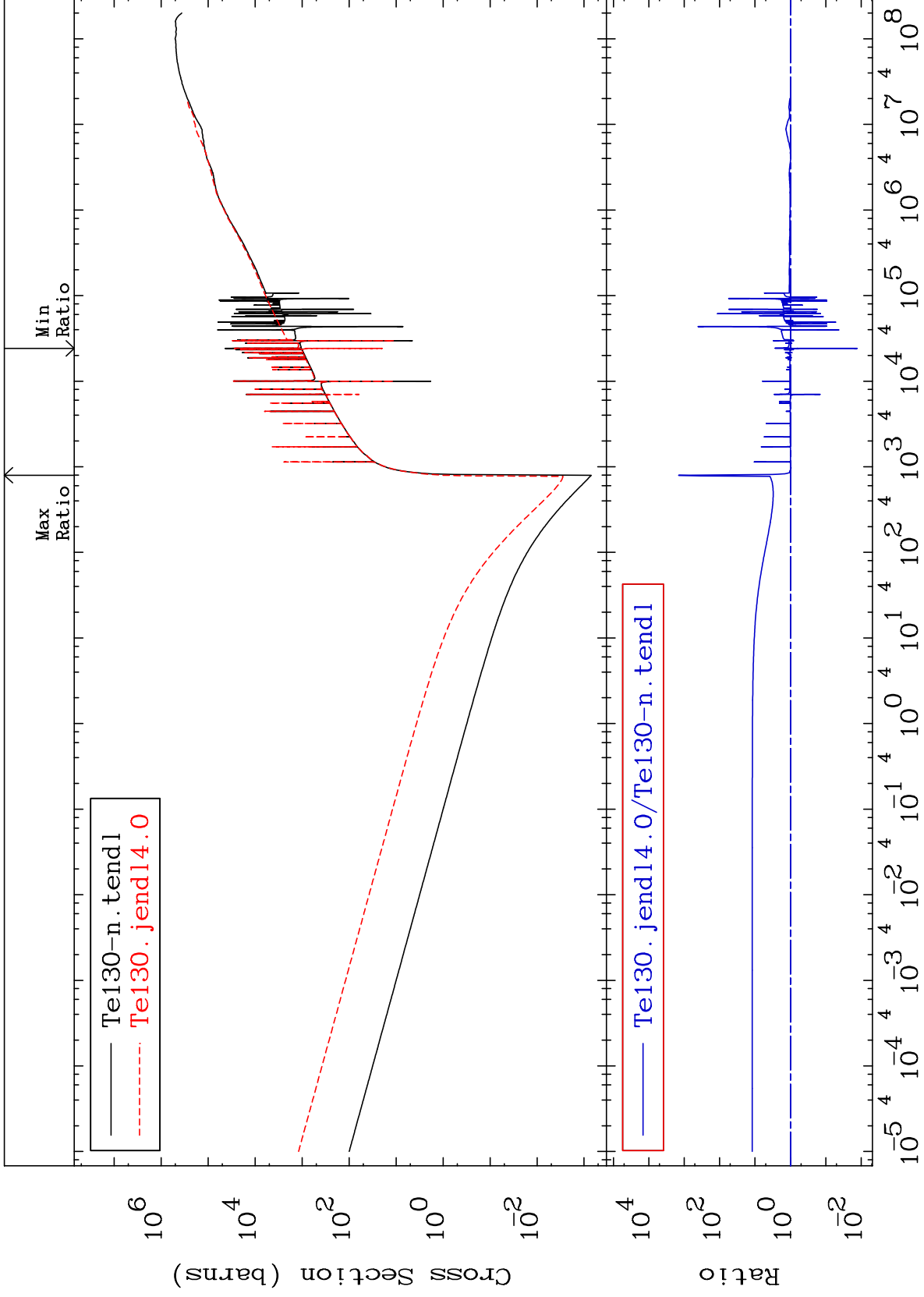


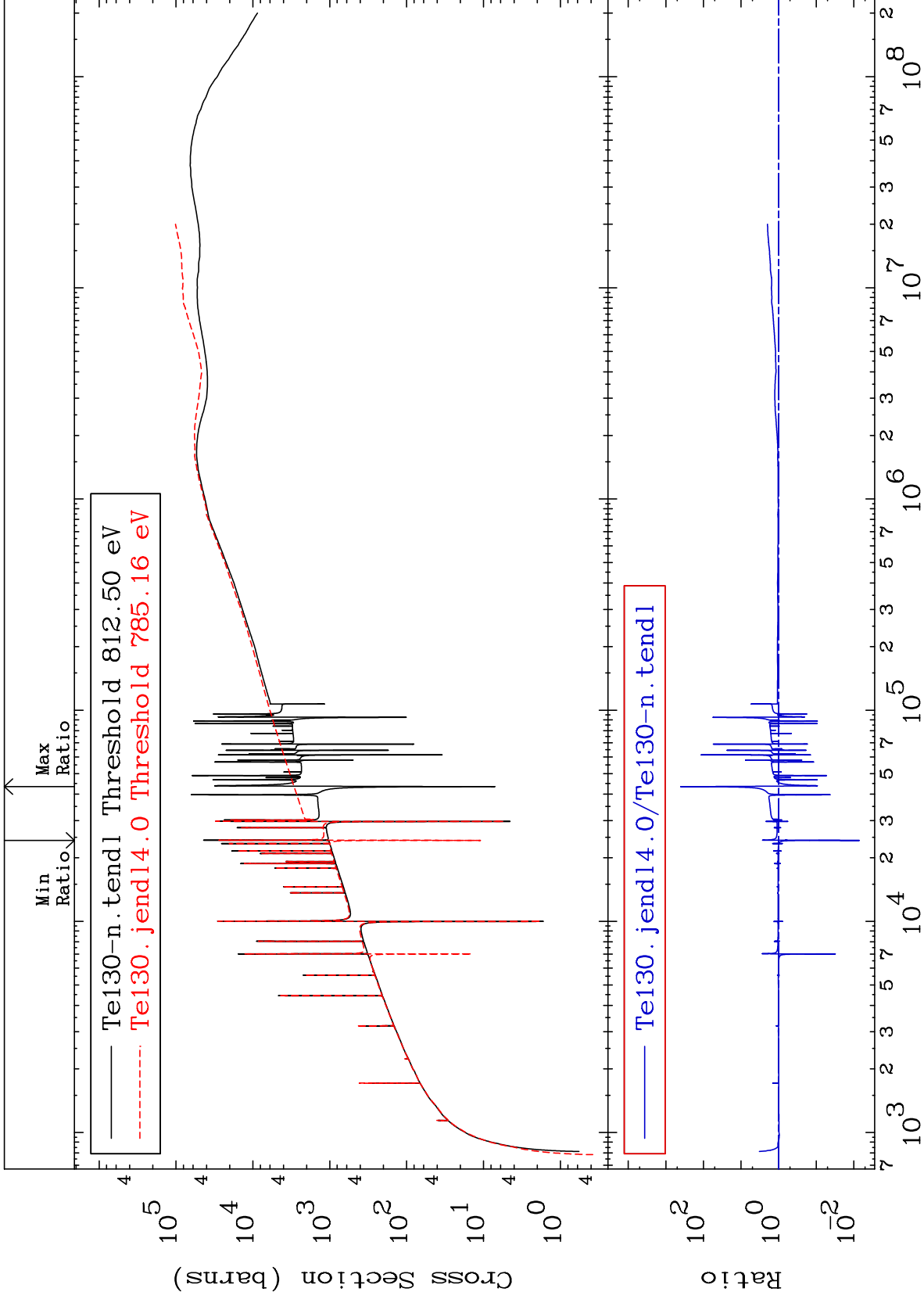


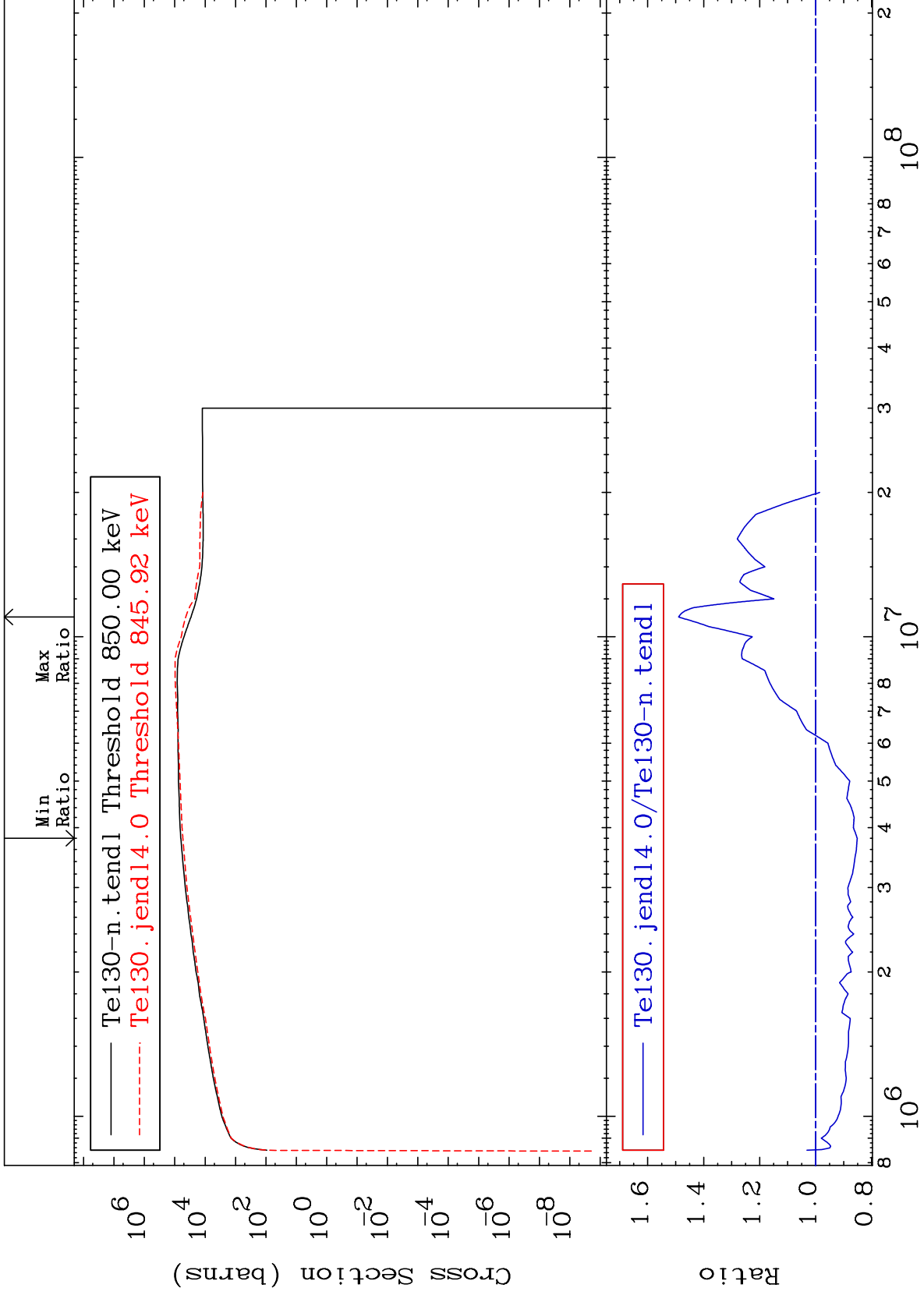
MAT 5255

Dpa total (eV-barns)  
Cross Section

52-Te-130  
-98.71 To 9999. %







MAT 5255

Dpa disappearance (mt102 -120)  
Cross Section

52-Te-130  
-76.01 To 9999. %

