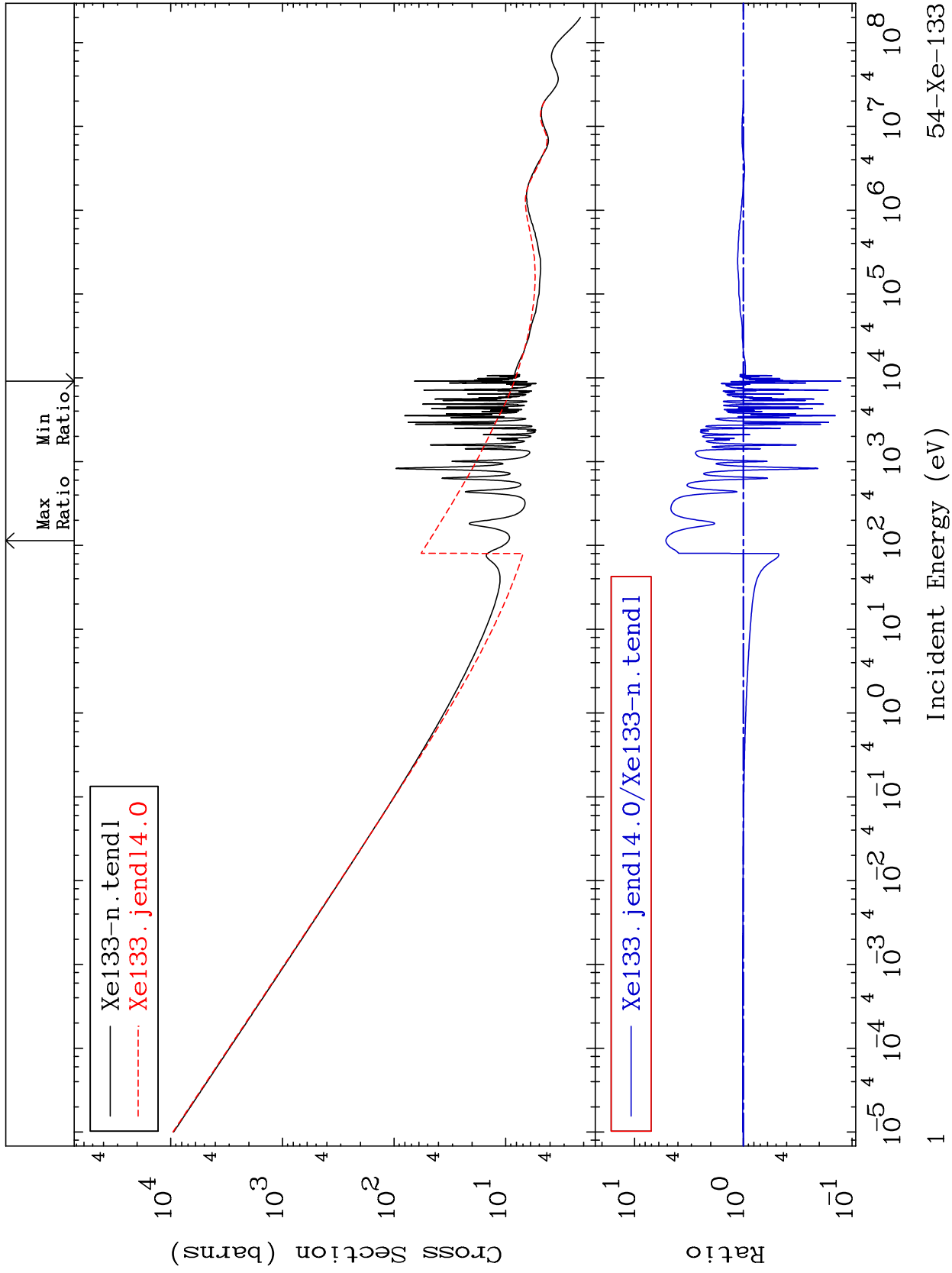


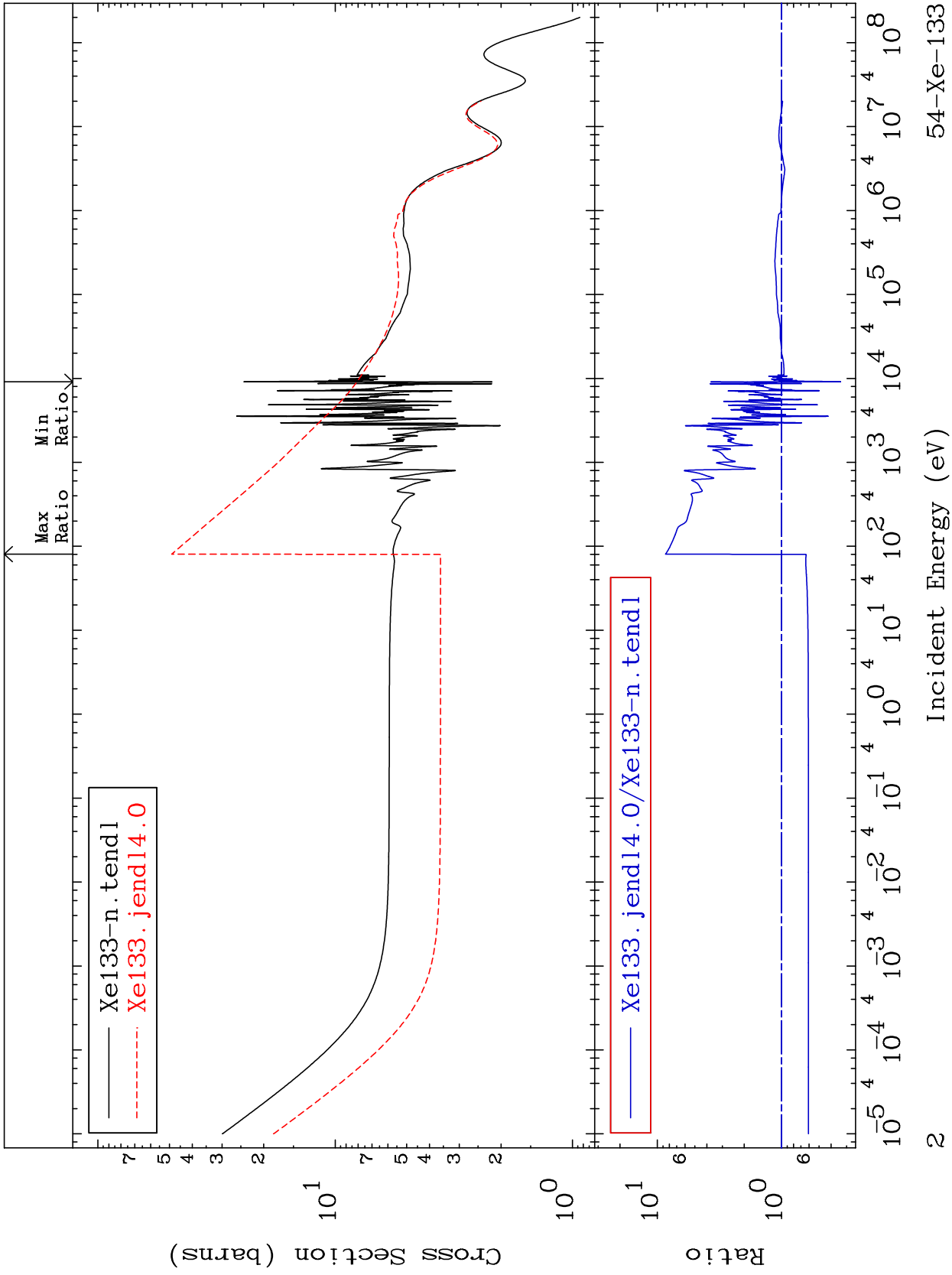
MAT 5452

Total Cross Section  
54-Xe-133  
-87.31 To 414.9 %



MAT 5452

Elastic Cross Section  
54-Xe-133  
-66.57 To 760.4 %



54-Xe-133

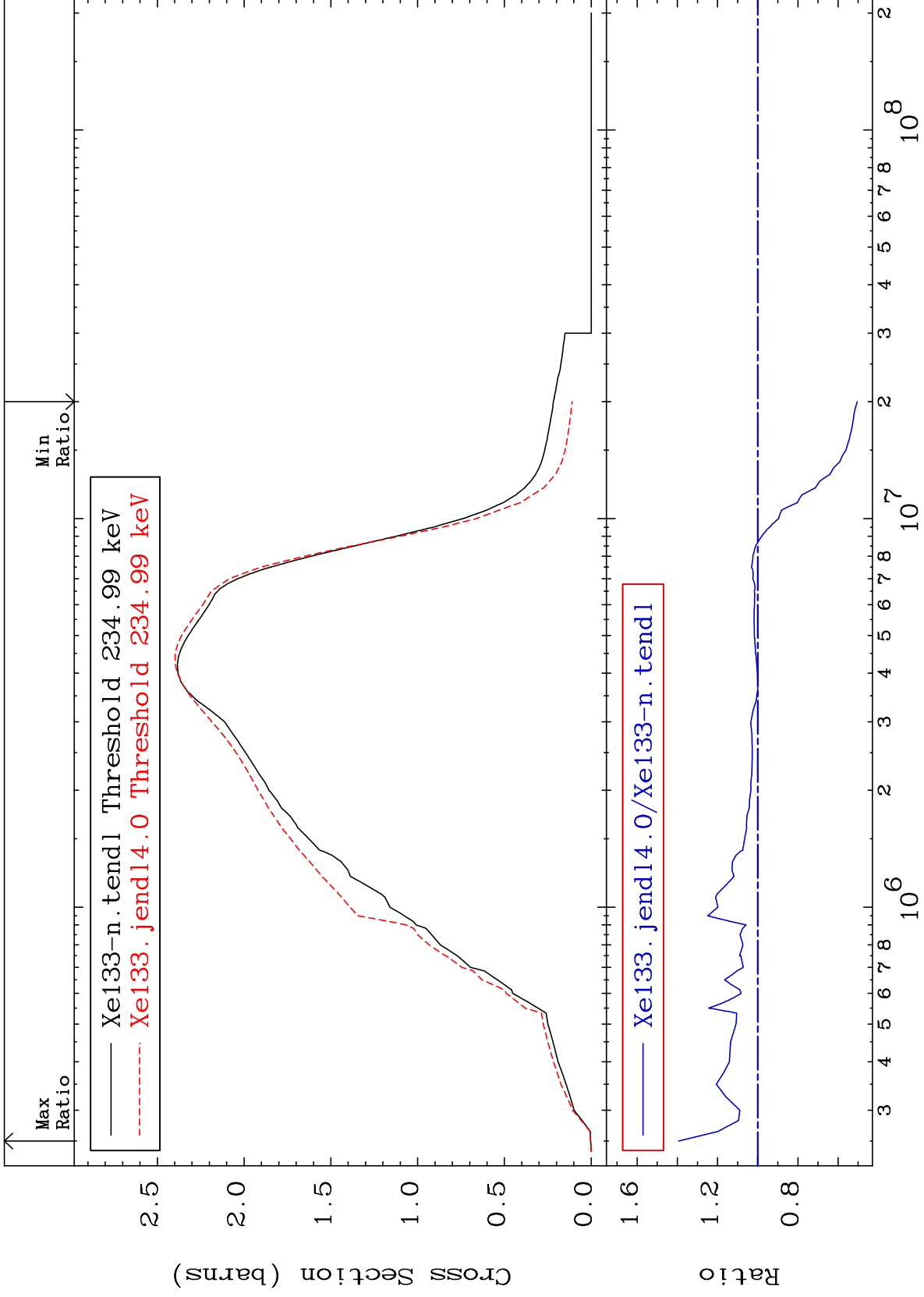
Incident Energy (eV)

2

MAT 5452

Inelastic  
Cross Section

54-Xe-133  
-49.55 To 39.36 %



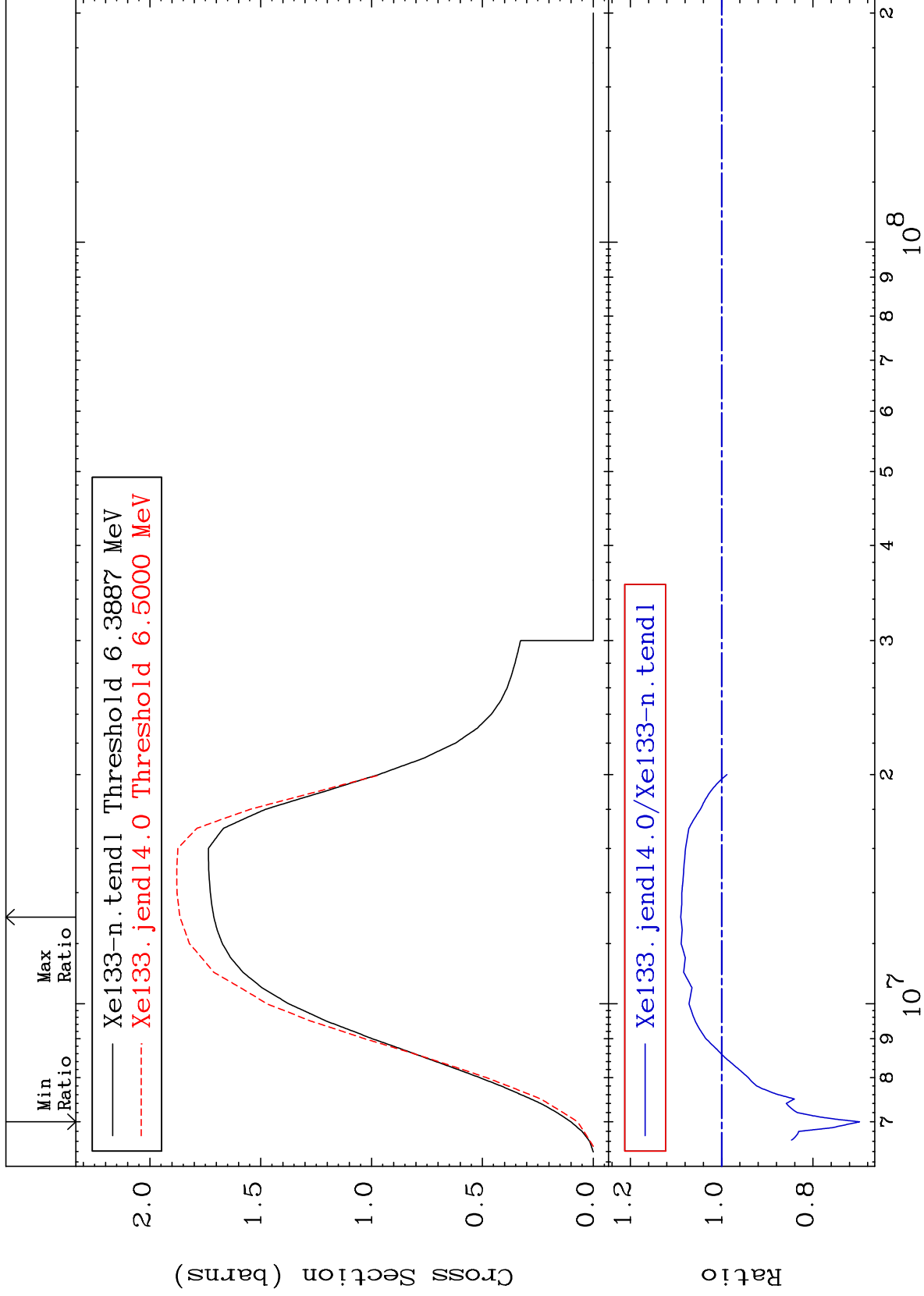
MAT 5452

(n,2n)

54-Xe-133

Cross Section

-30.20 To 8.954 %



4

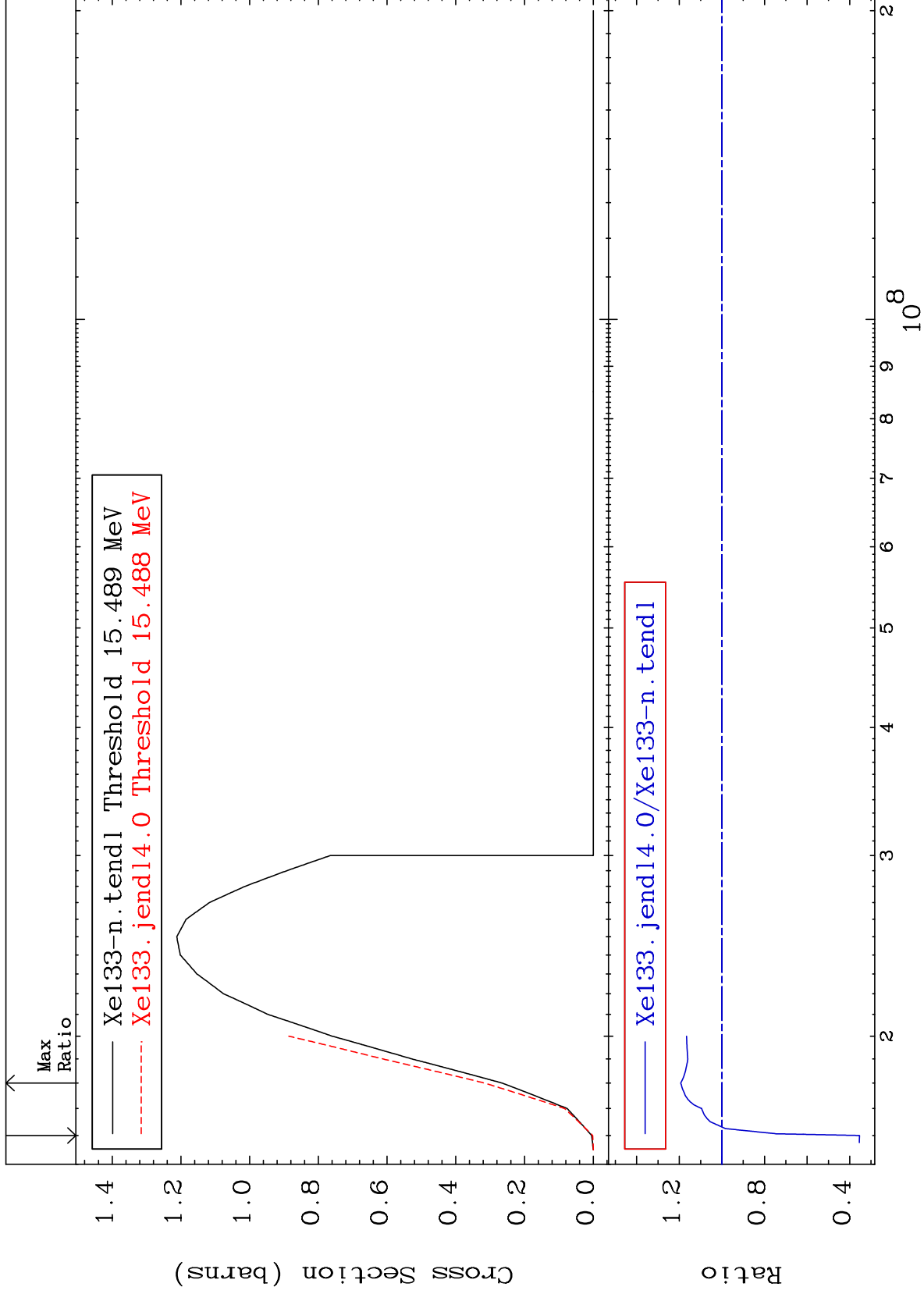
Incident Energy (eV)

54-Xe-133

MAT 5452

(n,3n)  
Cross Section

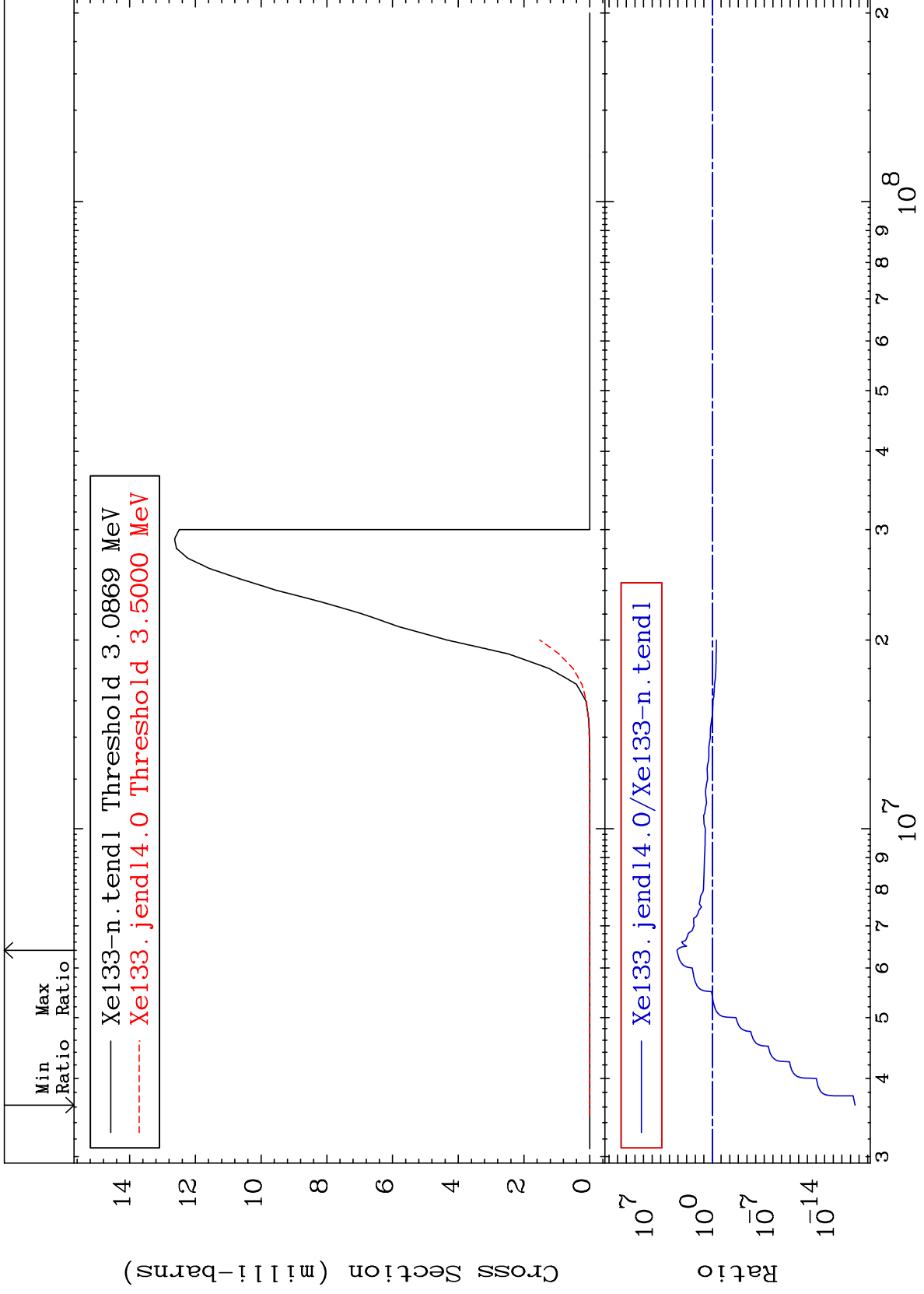
54-Xe-133  
-64.59 To 19.31 %



MAT 5452

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

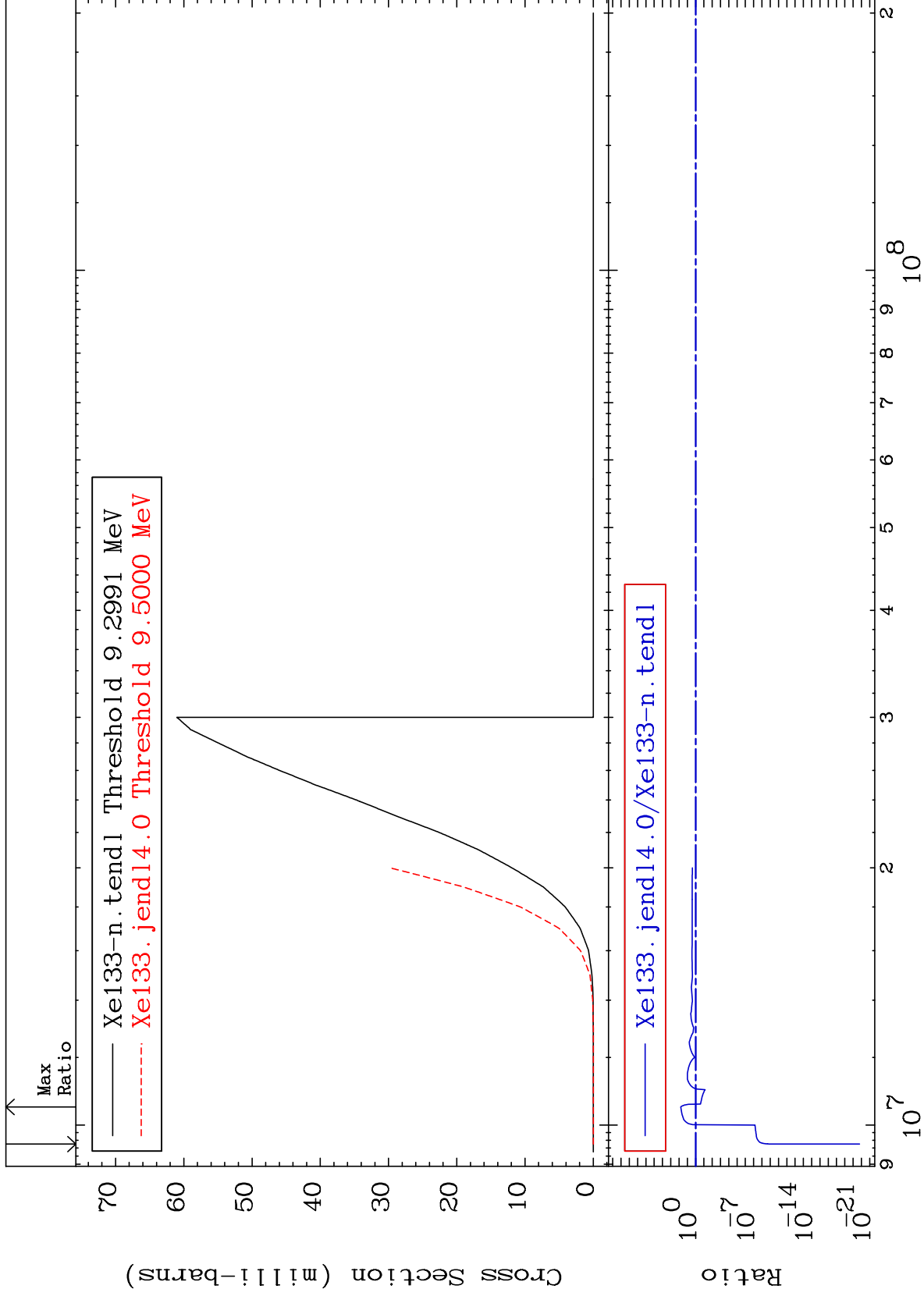
54-Xe-133  
-100.0 To 9999. %



MAT 5452

(n,n') p  
Cross Section

54-Xe-133  
-100.0 To 6067. %



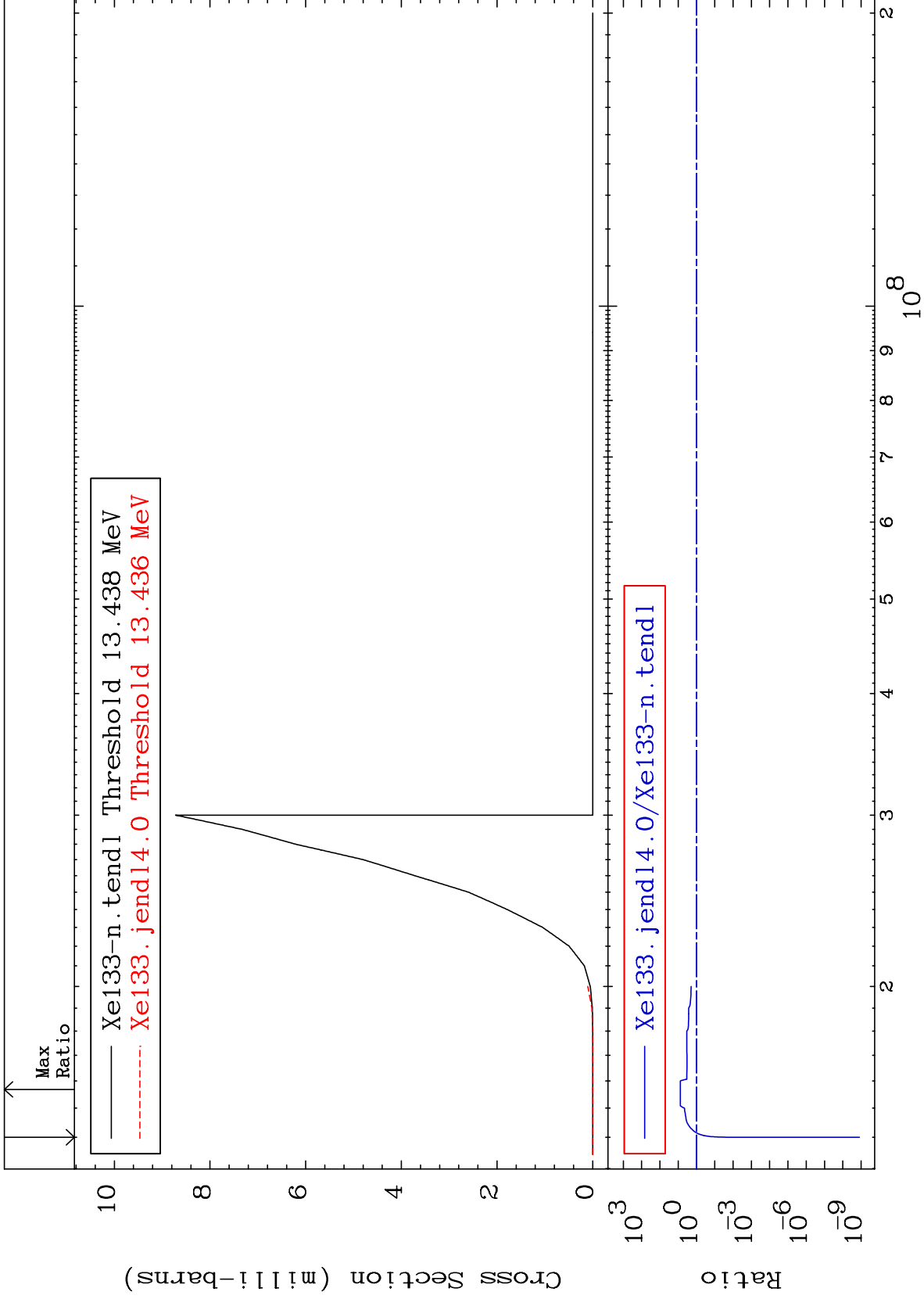
54-Xe-133

54-Xe-133

MAT 5452

(n,n') d  
Cross Section

54-Xe-133  
-100.0 To 662.7 %

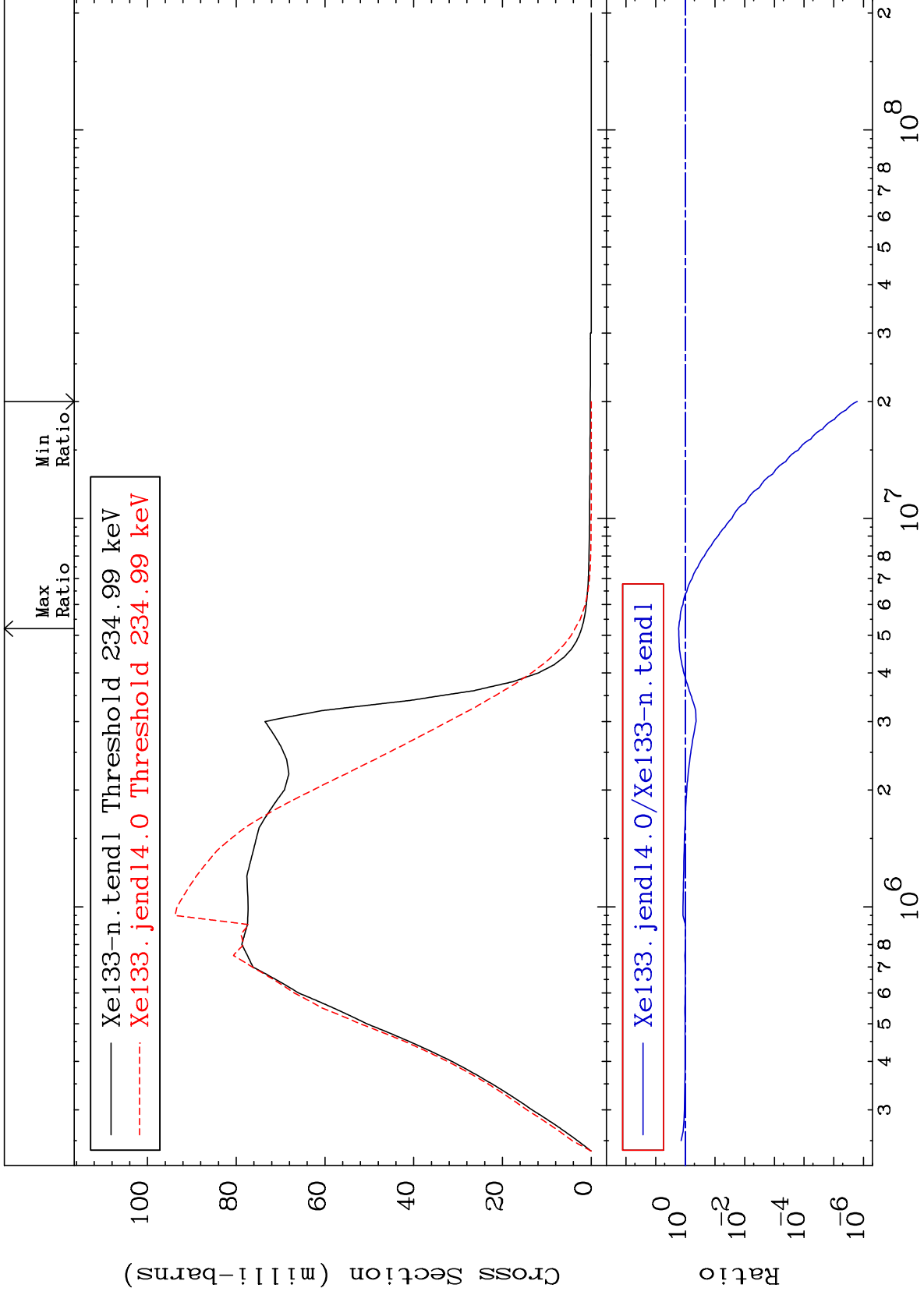




MAT 5452

233.2 keV (n,n') Level  
Cross Section

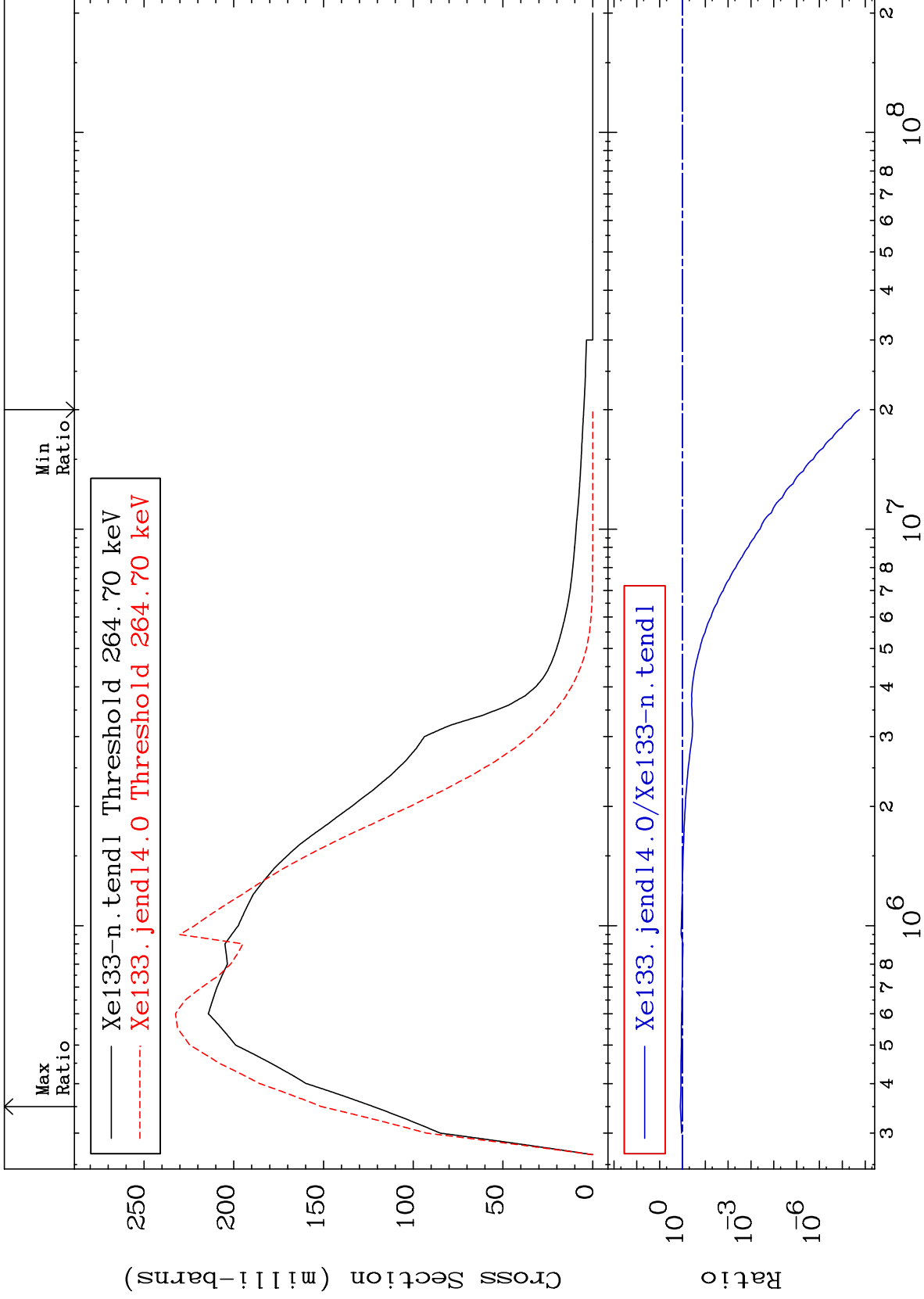
54-Xe-133  
-100.0 To 69.17 %



MAT 5452

262.7 keV (n,n') Level  
Cross Section

54-Xe-133  
-100.0 To 23.65 %



10

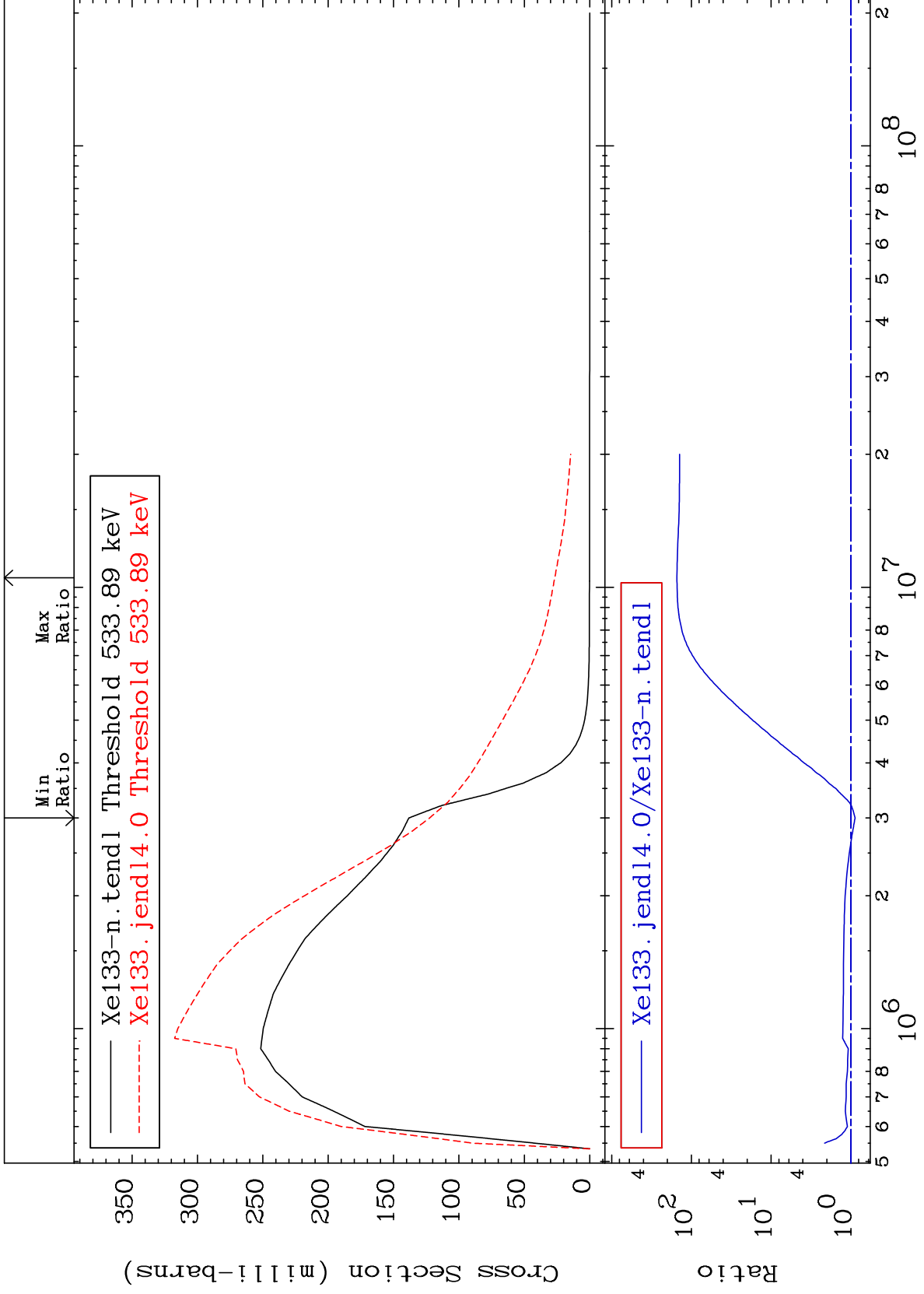
Incident Energy (eV)

54-Xe-133

MAT 5452

529.9 keV (n,n') Level  
Cross Section

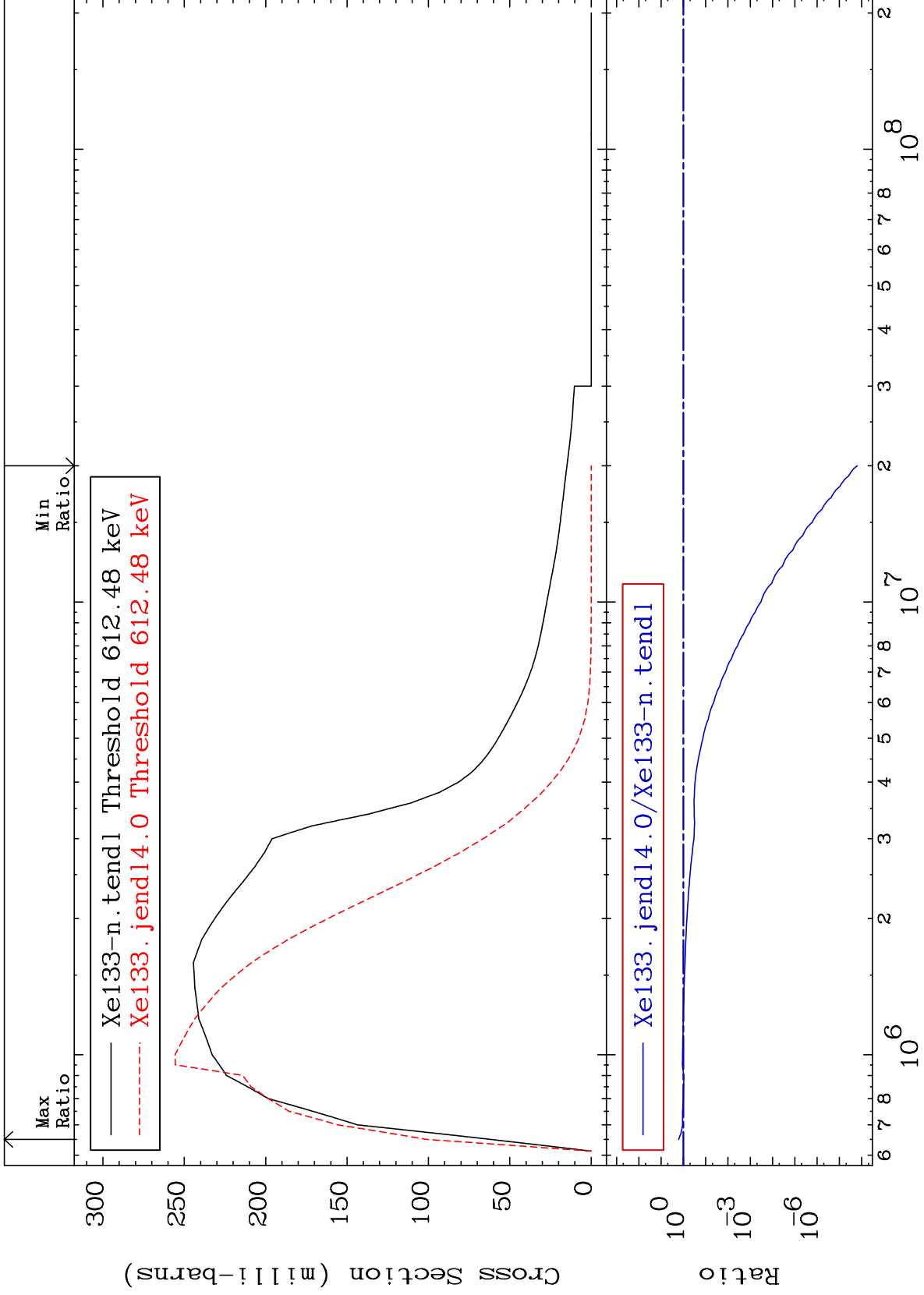
54-Xe-133  
-11.52 To 9999. %



MAT 5452

607.9 keV (n,n') Level  
Cross Section

54-Xe-133  
-100.0 To 63.72 %



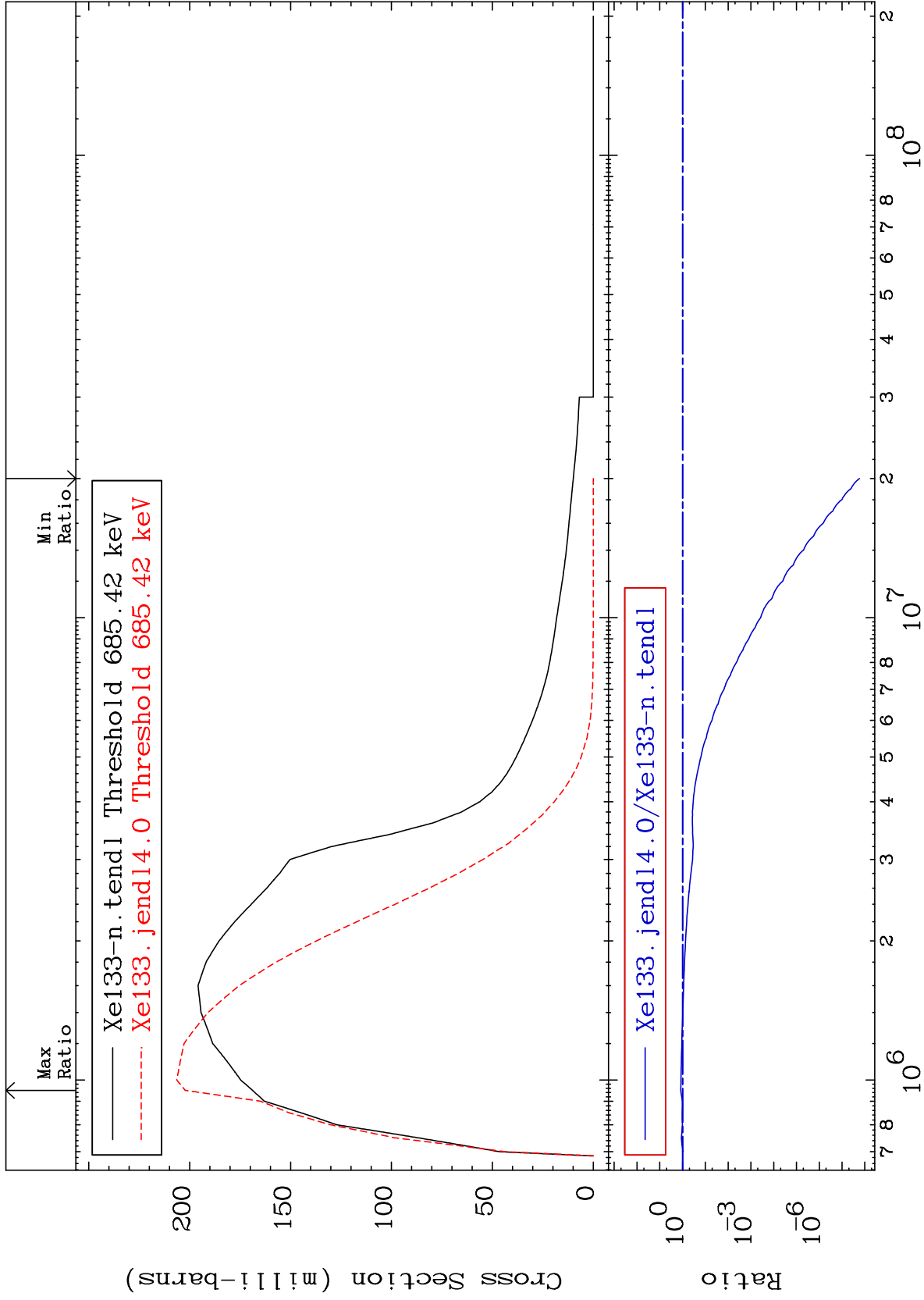
MAT 5452

680.3 keV (n,n') Level

54-Xe-133

Cross Section

-100.0 To 19.76 %



13

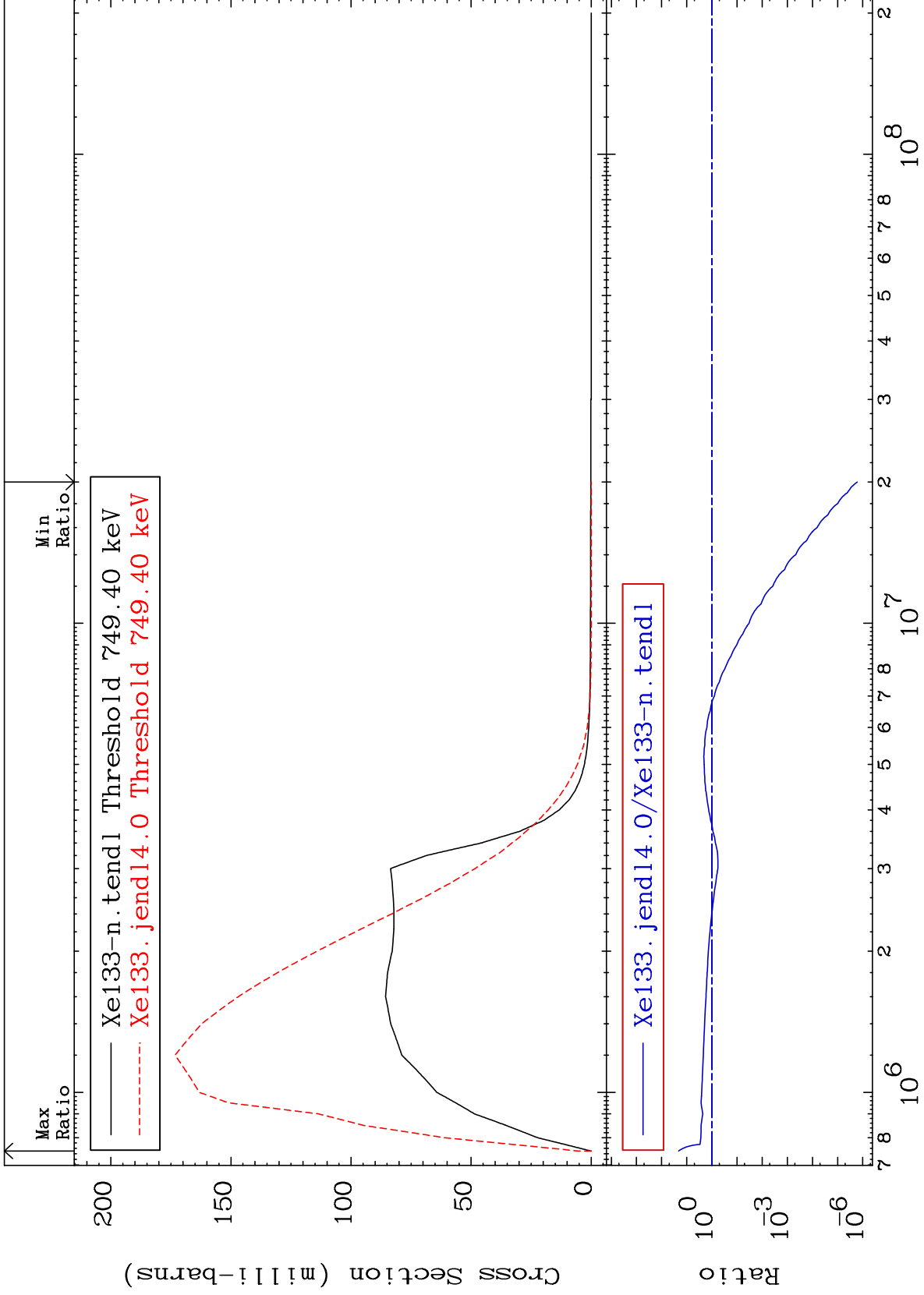
Incident Energy (eV)

54-Xe-133

MAT 5452

743.8 keV (n,n') Level  
Cross Section

54-Xe-133  
-100.0 To 2002. %



14

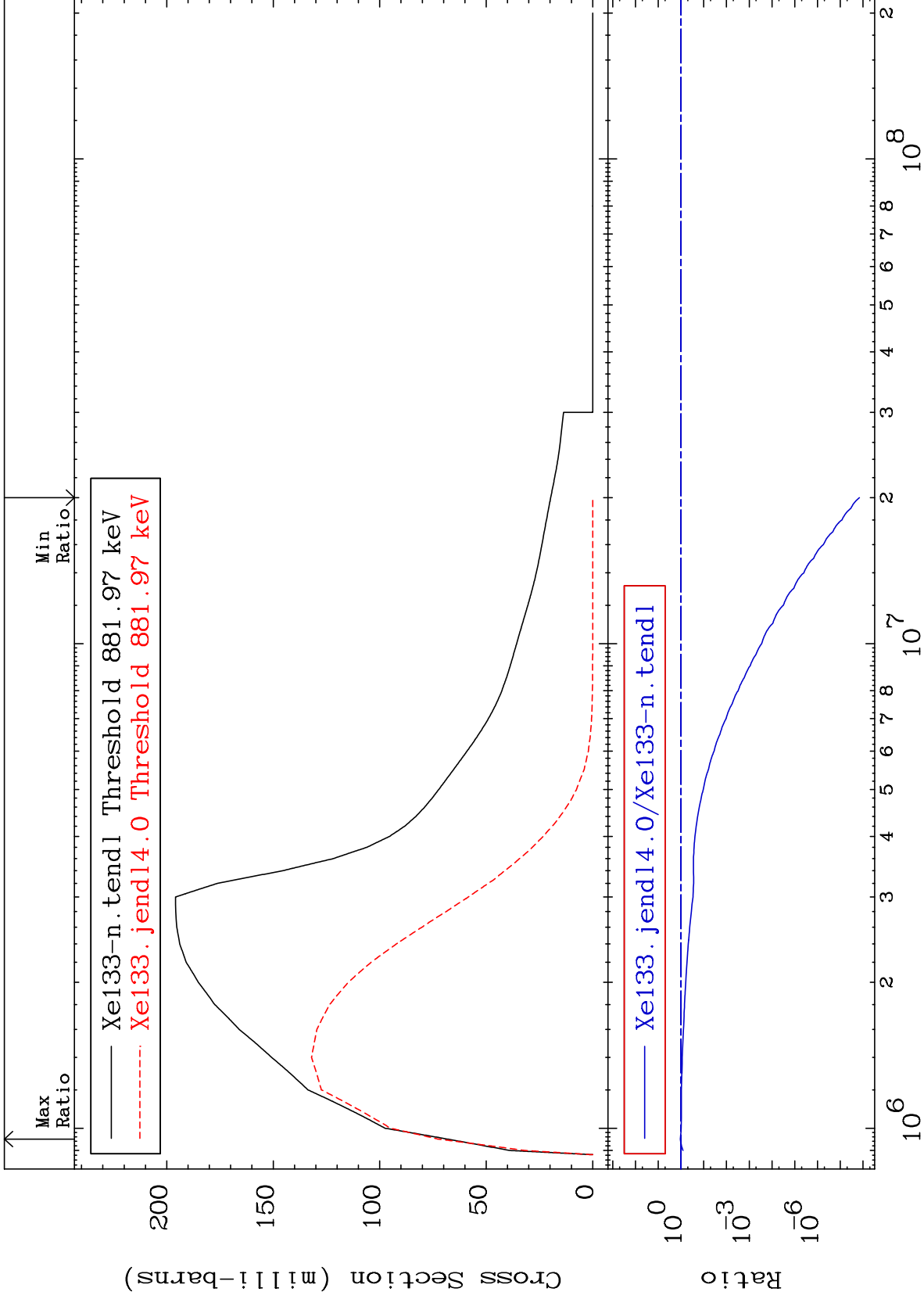
Incident Energy (eV)

54-Xe-133

MAT 5452

875.3 keV (n,n') Level  
Cross Section

54-Xe-133  
-100.0 To 6.382 %



15

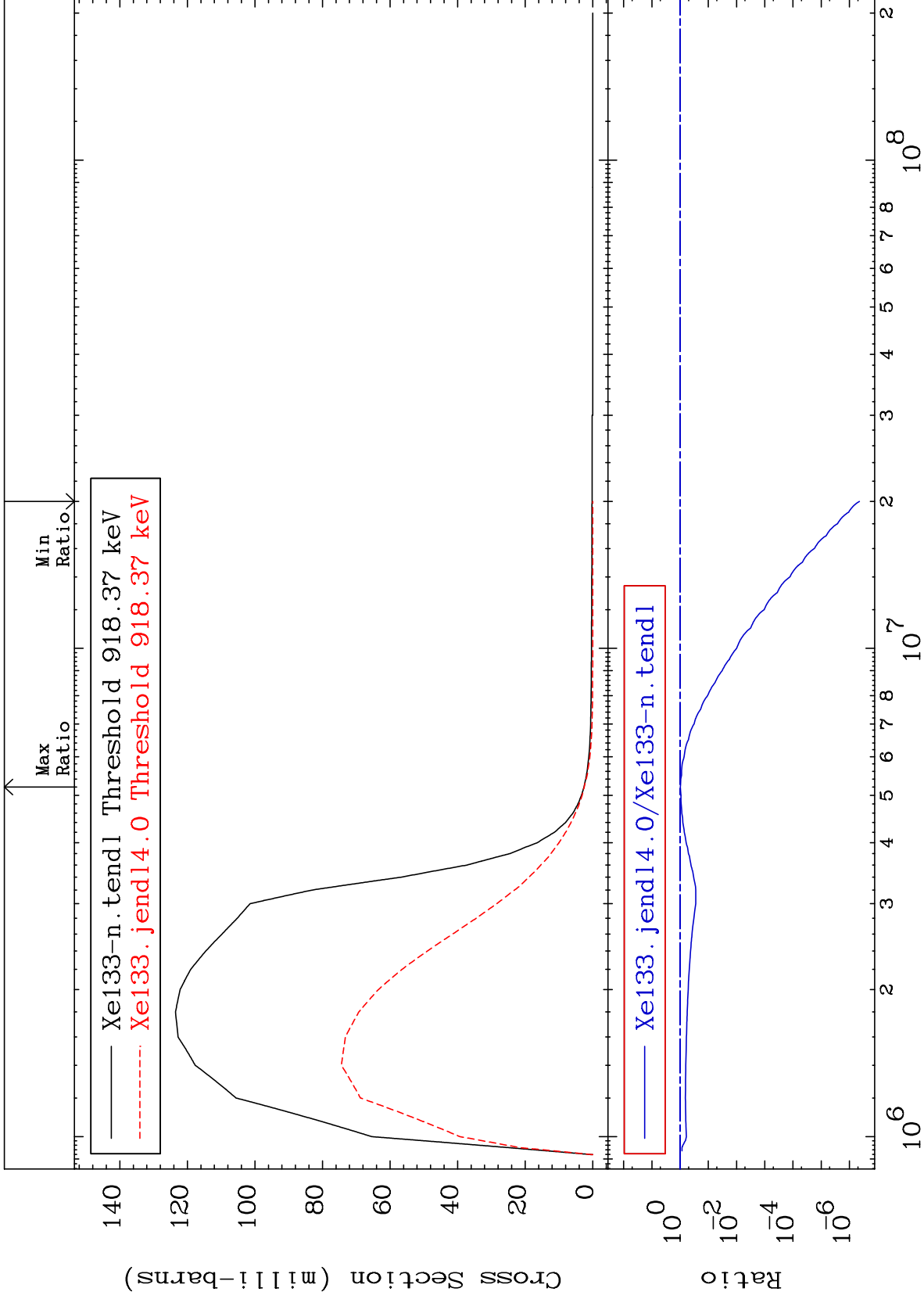
Incident Energy (eV)

54-Xe-133

MAT 5452

911.5 keV (n,n') Level  
Cross Section

54-Xe-133  
-100.0 To -1.997%



16

Incident Energy (eV)

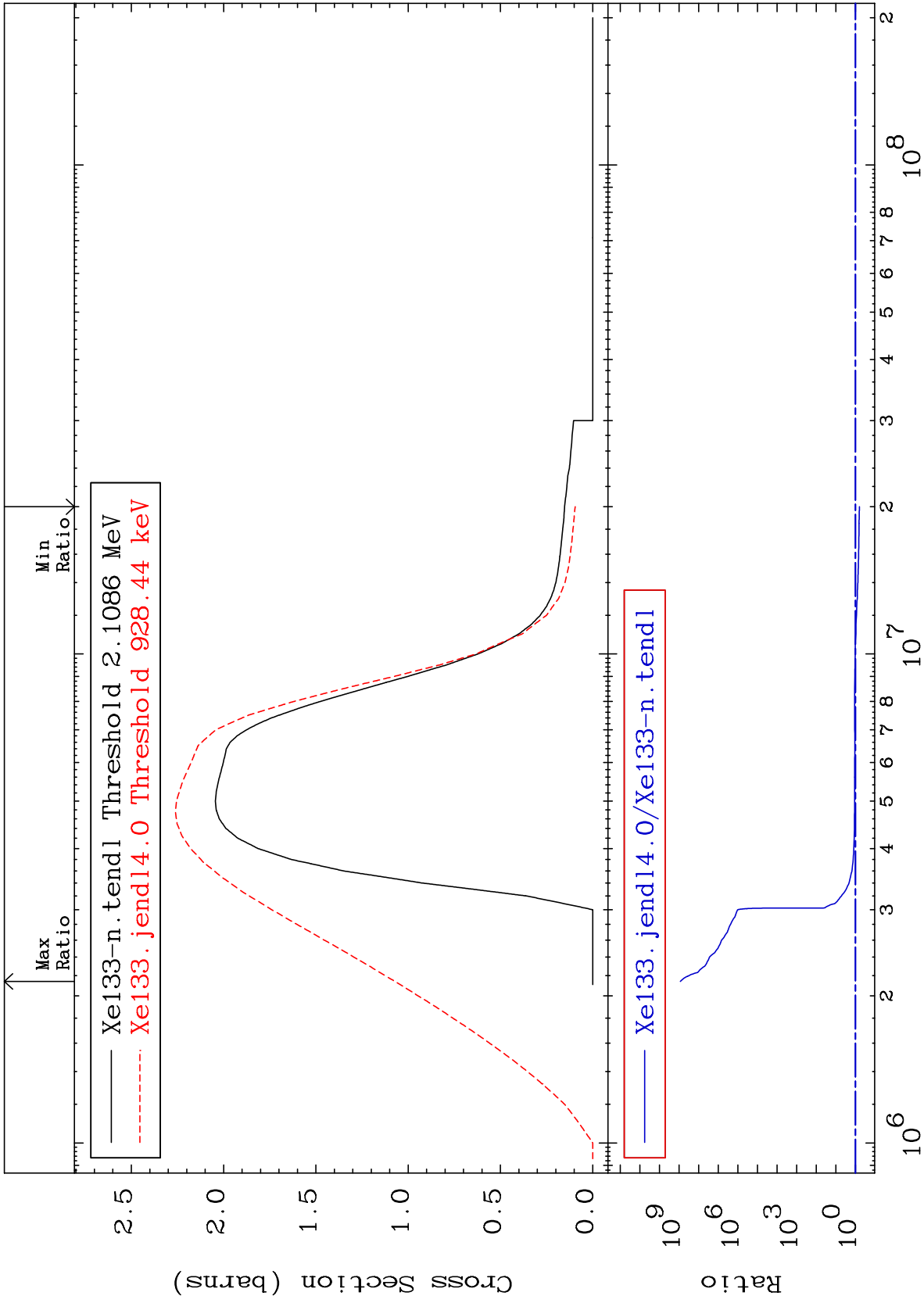
54-Xe-133



MAT 5452

(n, n') Continuum  
Cross Section

54-Xe-133  
-37.55 To 9999. %



17

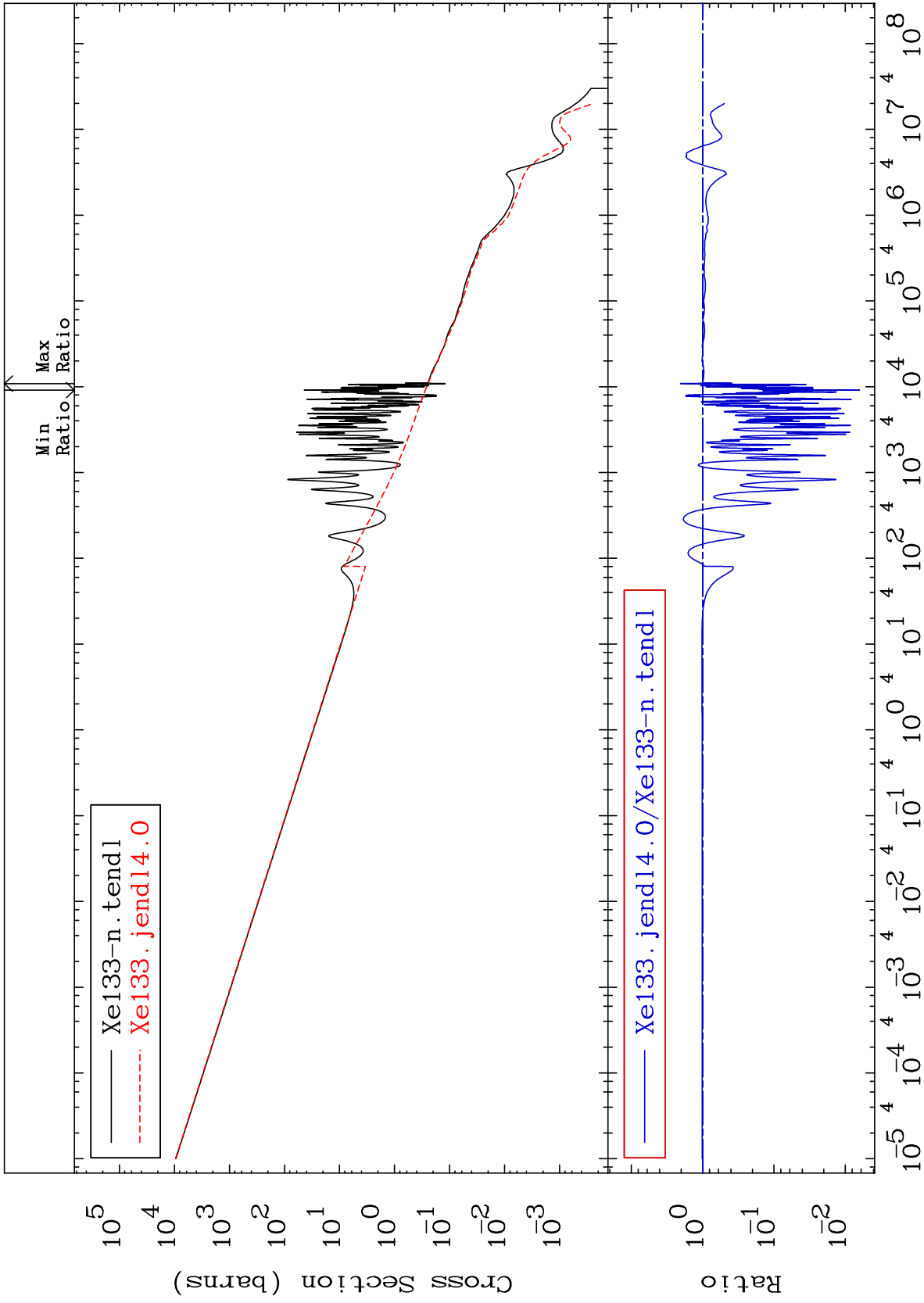
Incident Energy (eV)

54-Xe-133

MAT 5452

(n,  $\gamma$ )  
Cross Section

54-Xe-133  
-99.37 To 105.5 %



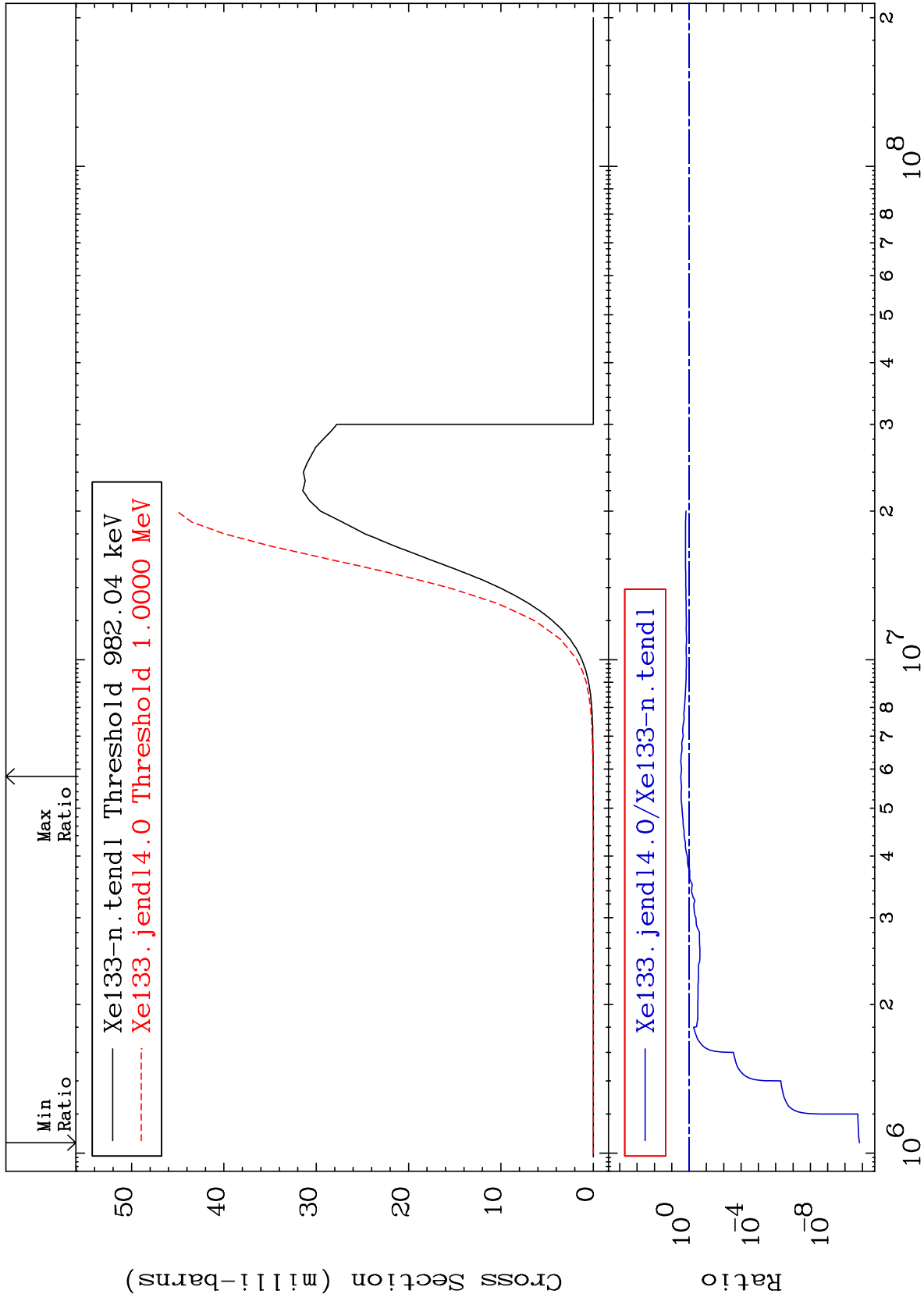
MAT 5452

(n,p)

54-Xe-133

Cross Section

-100.0 To 202.3 %



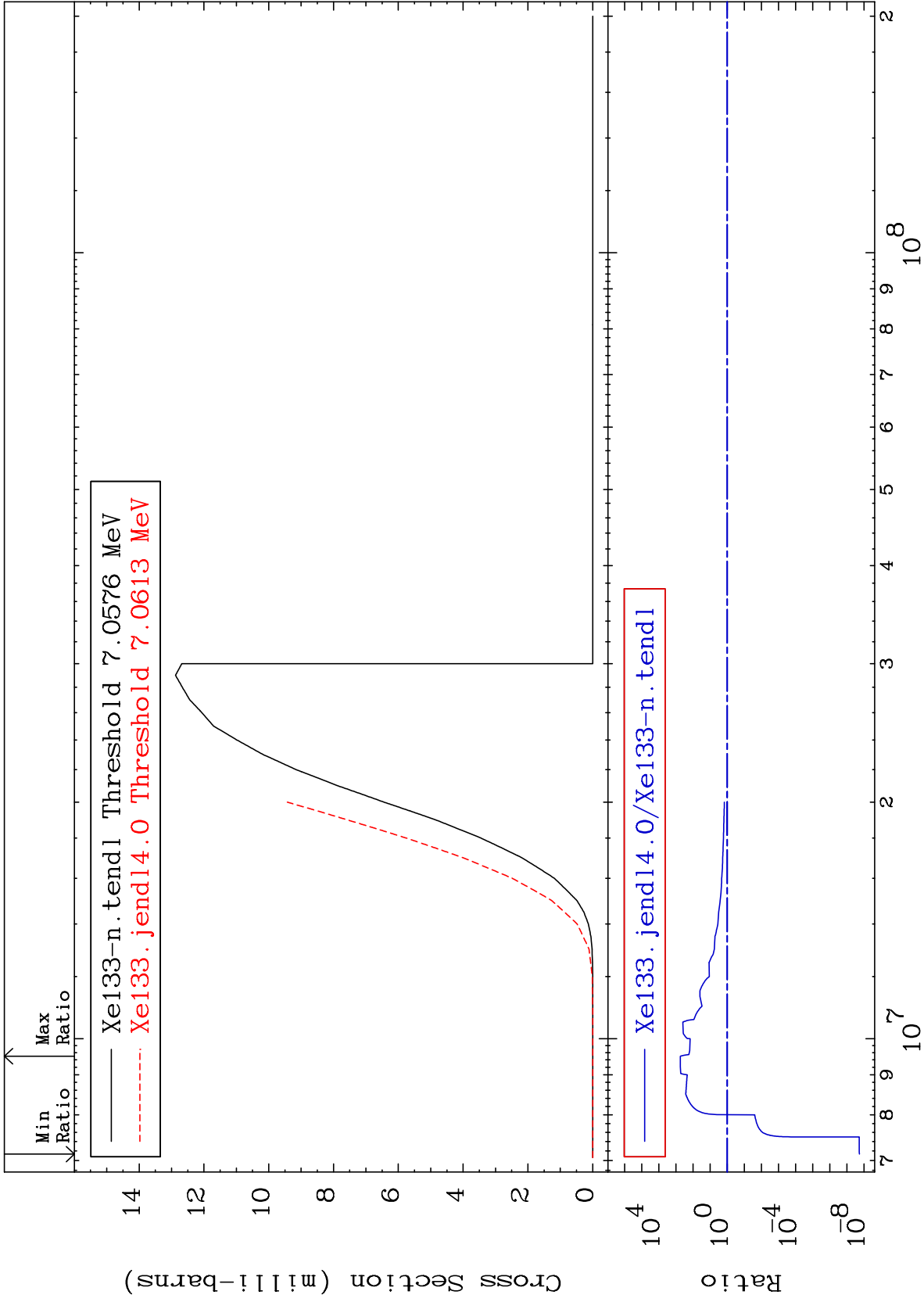
19

Incident Energy (eV)

54-Xe-133

Cross Section

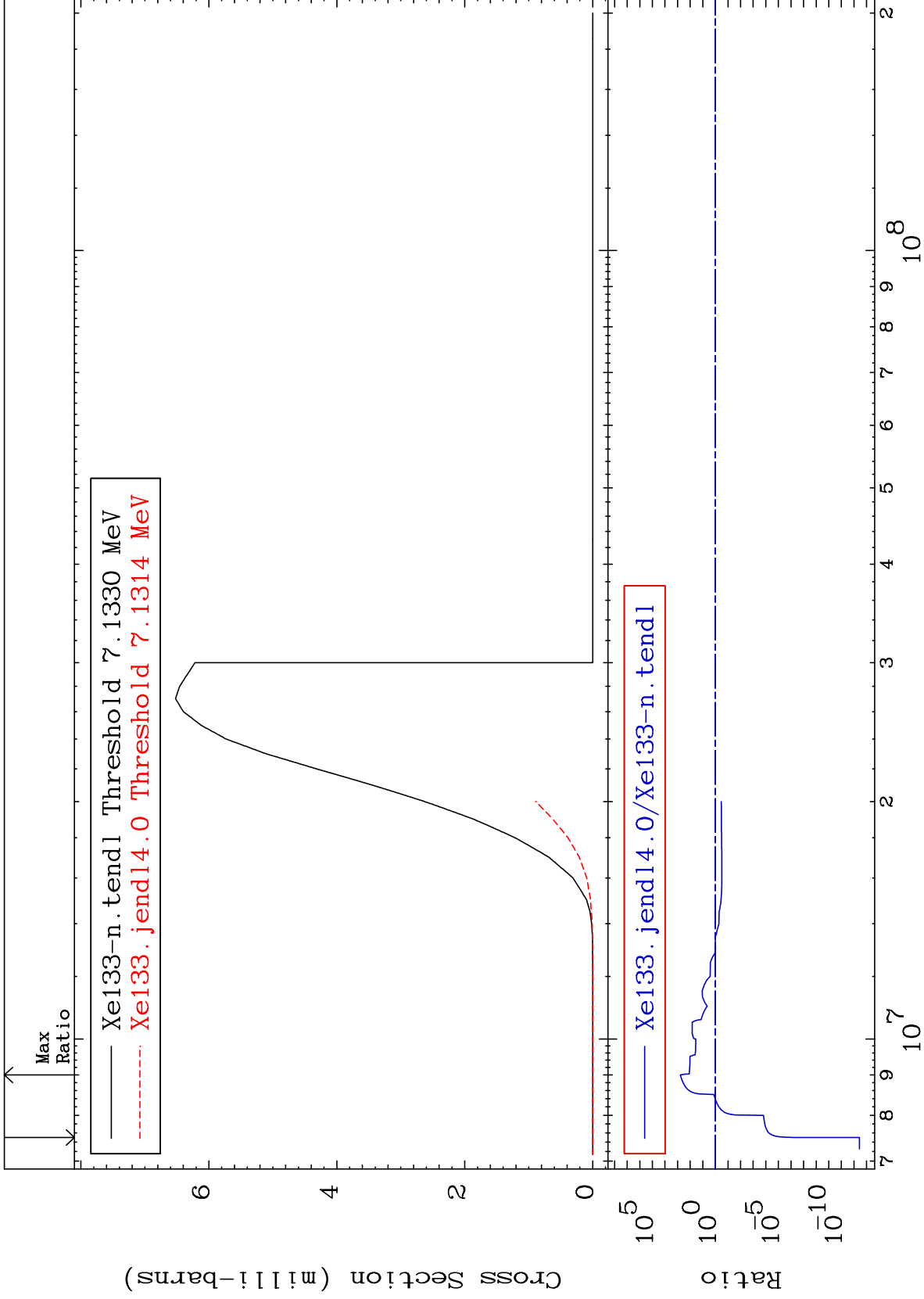
-100.0 To 9999. %



MAT 5452

(n, t)  
Cross Section

54-Xe-133  
-100.0 To 9999. %



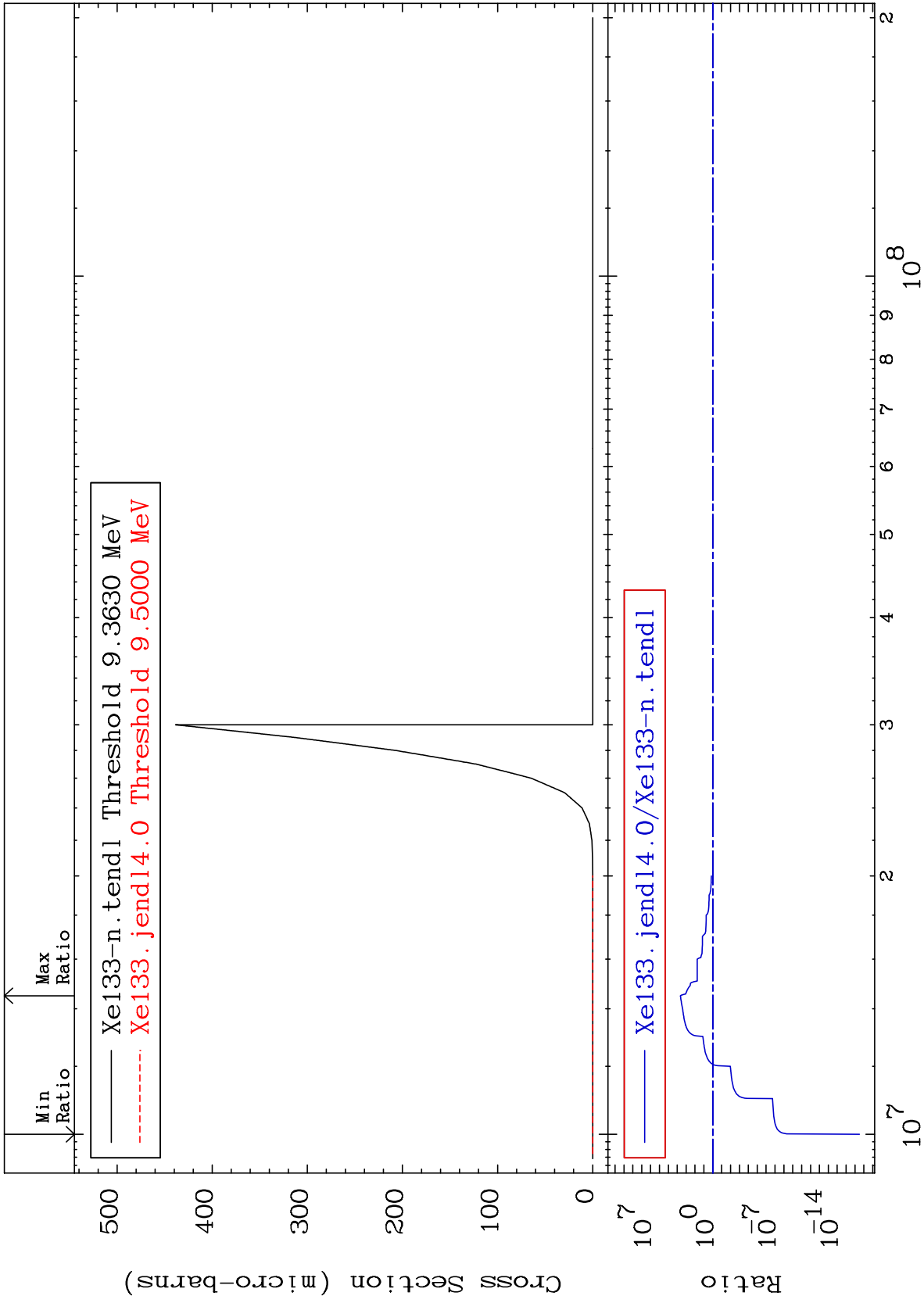
MAT 5452

(n, He-3)

54-Xe-133

Cross Section

-100.0 To 9999. %



22

Incident Energy (eV)

54-Xe-133

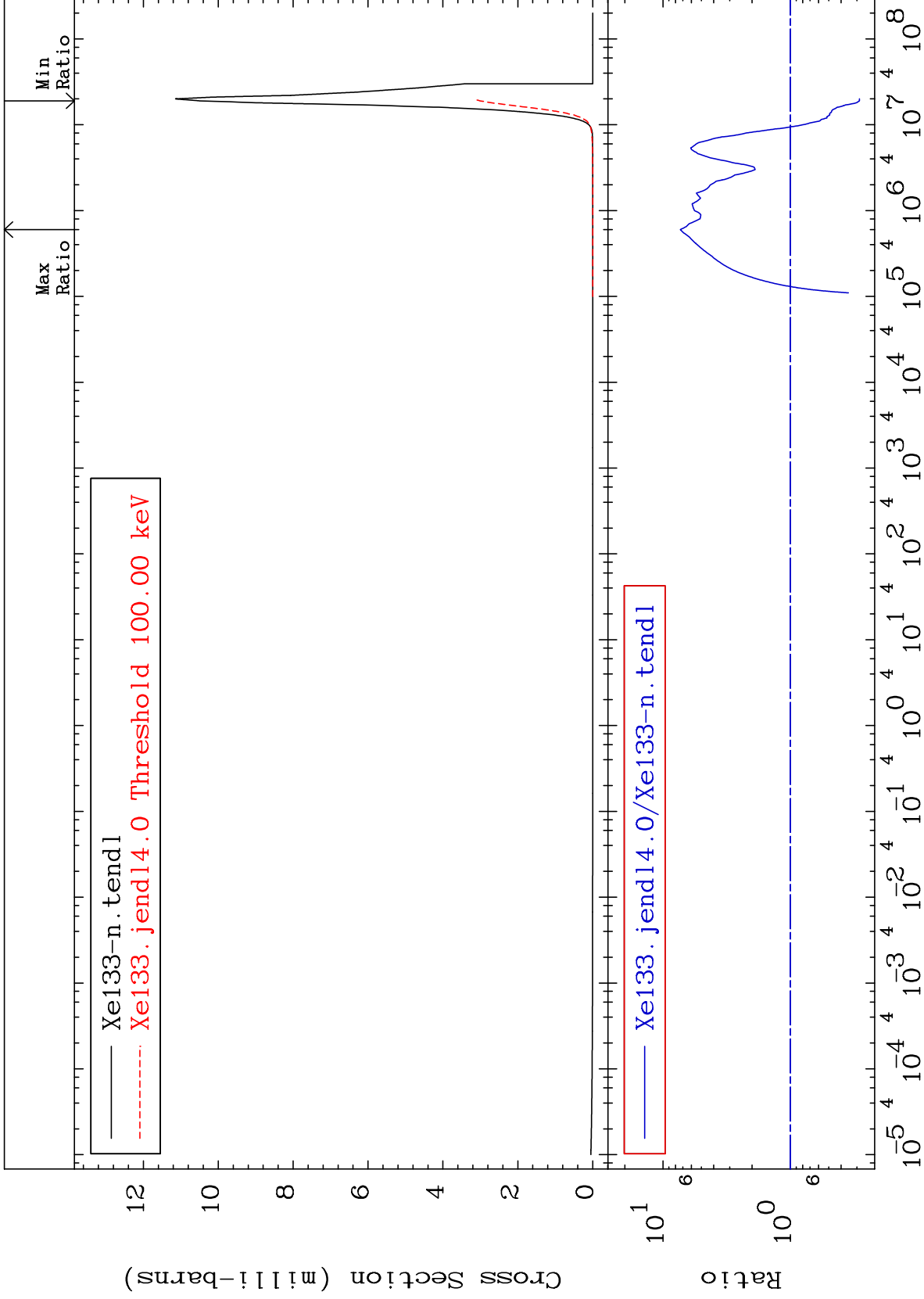
MAT 5452

(n,  $\alpha$ )

54-Xe-133

Cross Section

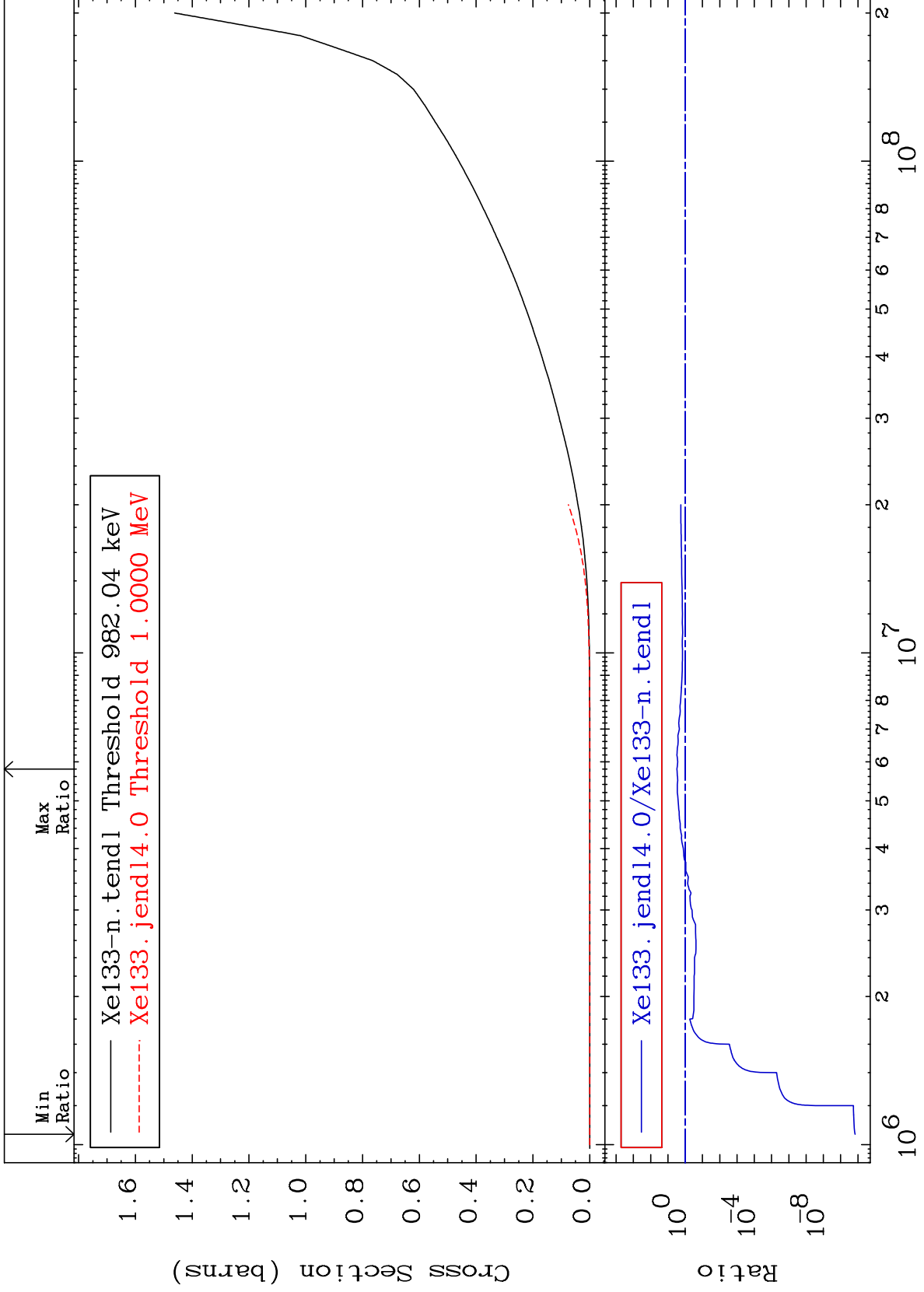
-71.32 To 631.9 %



MAT 5452

Hydrogen Production  
Cross Section

54-Xe-133  
-100.0 To 202.3 %

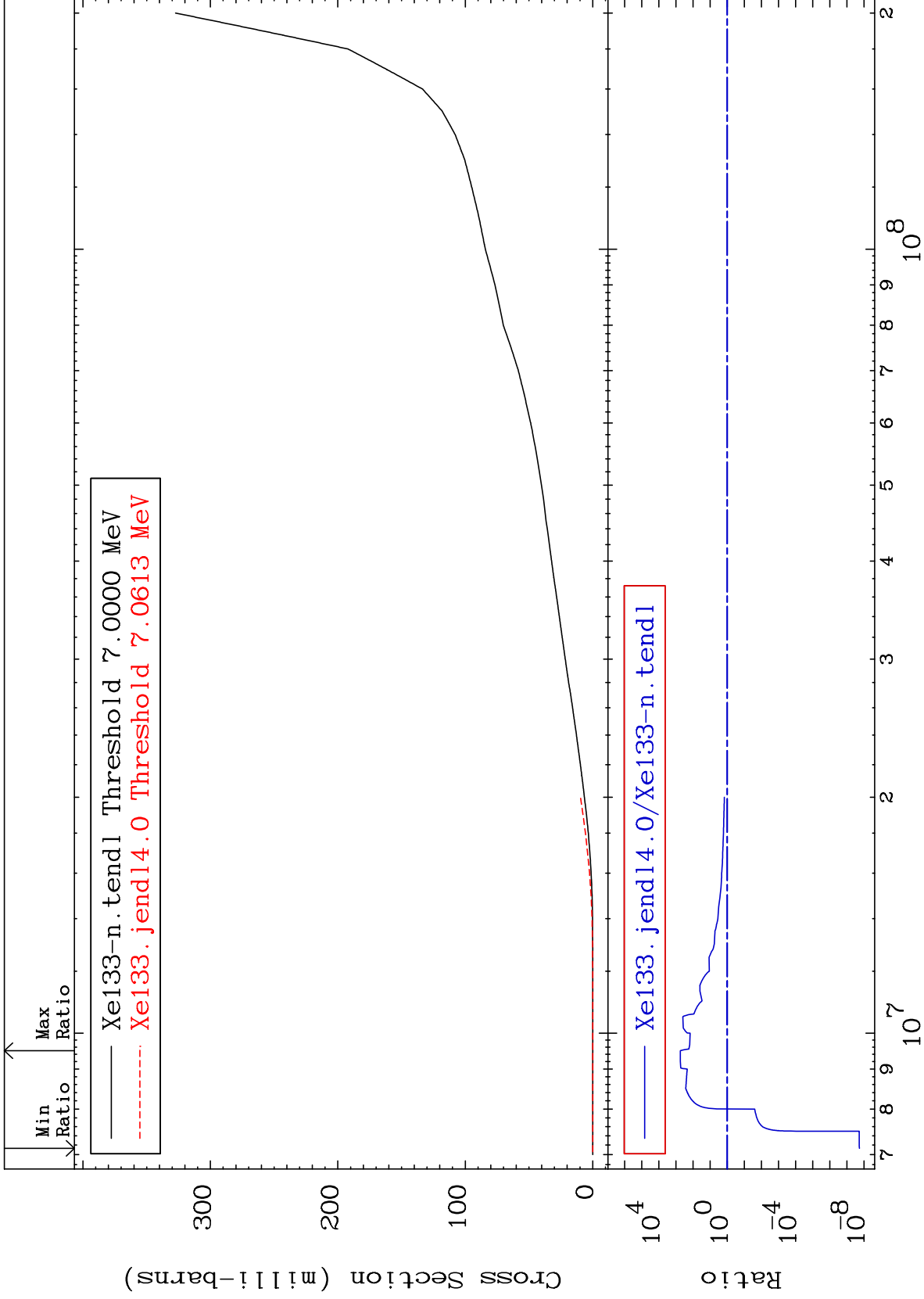


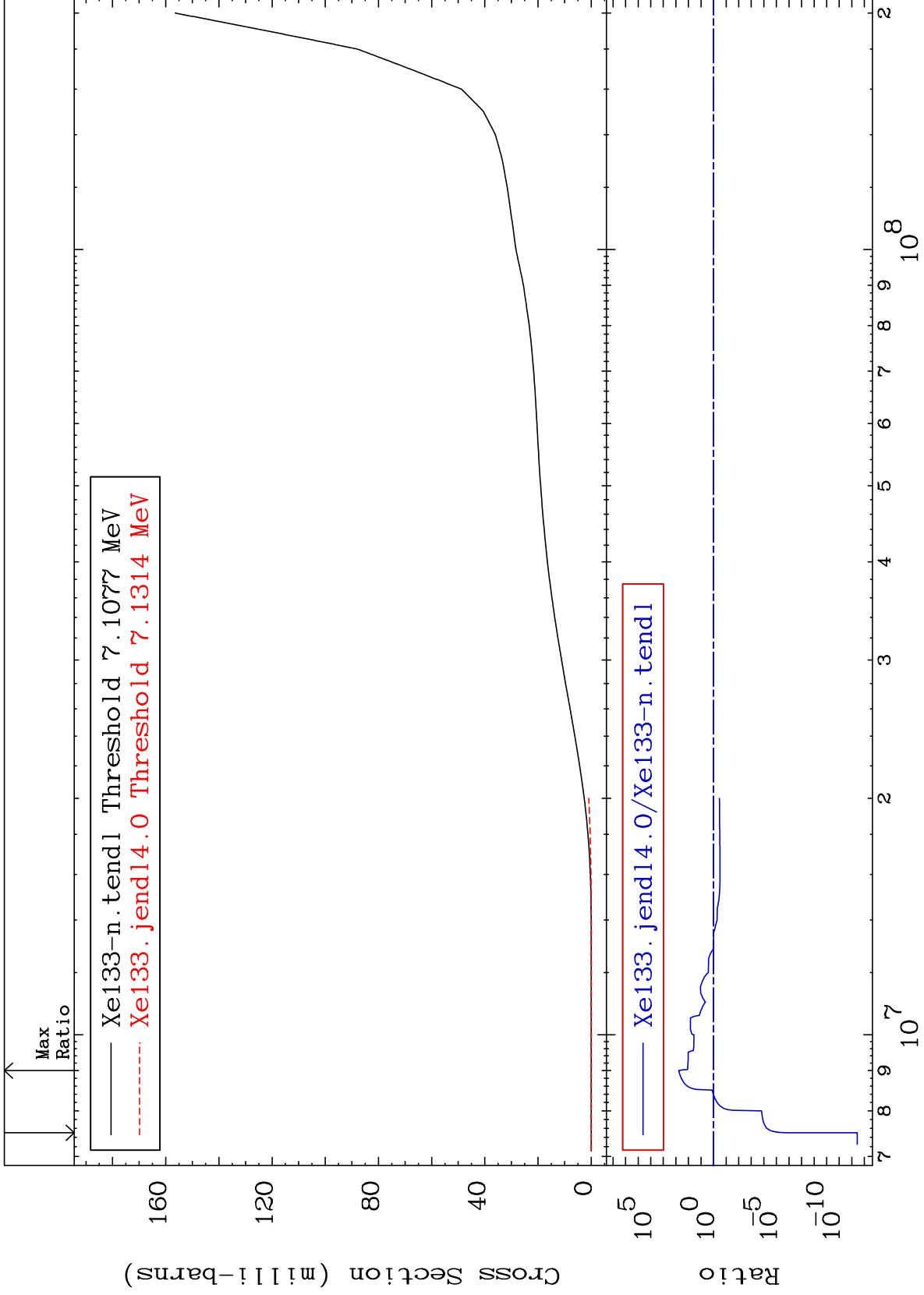
24

Incident Energy (eV)

54-Xe-133



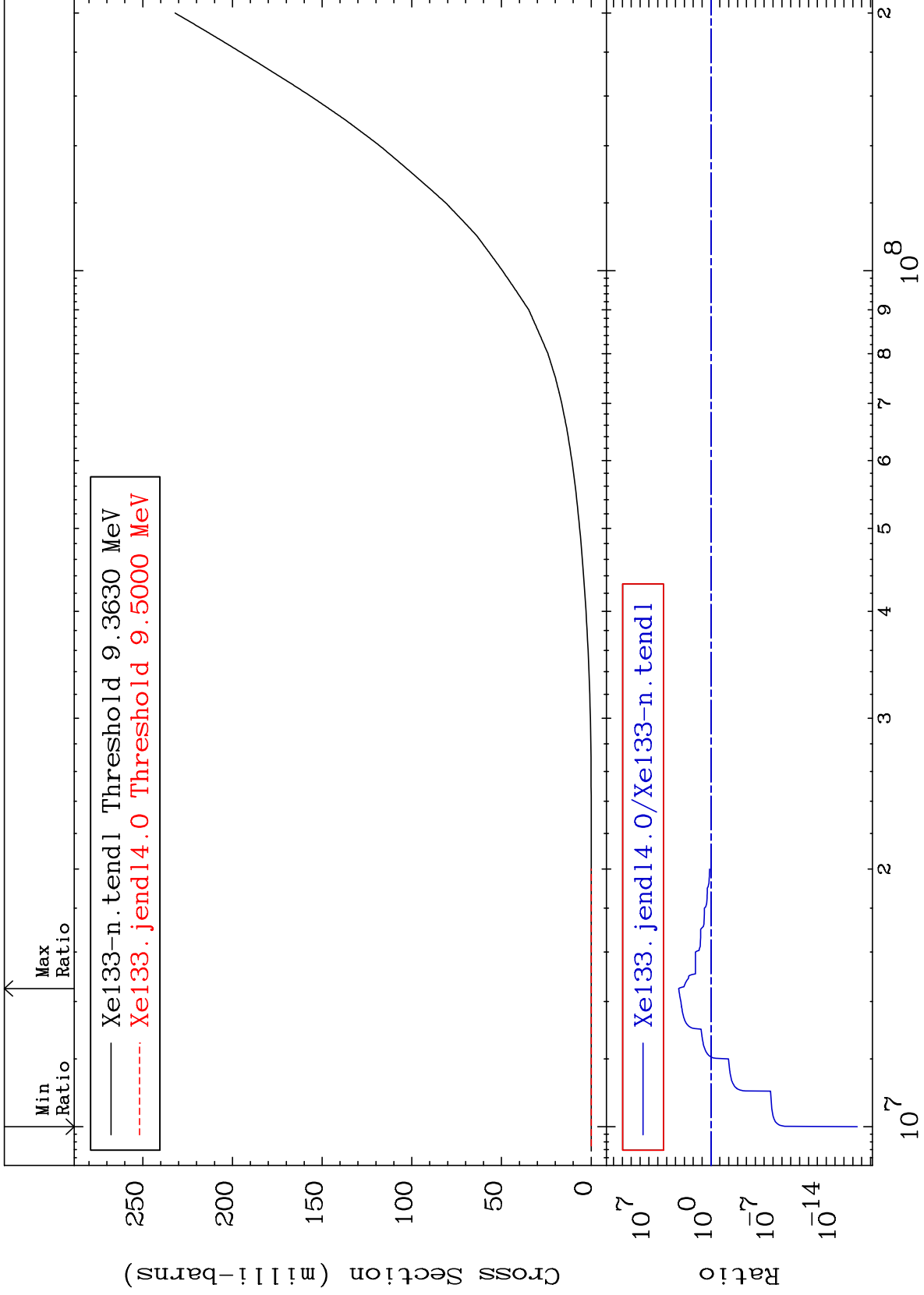




MAT 5452

He-3 Production  
Cross Section

54-Xe-133  
-100.0 To 9999. %



27

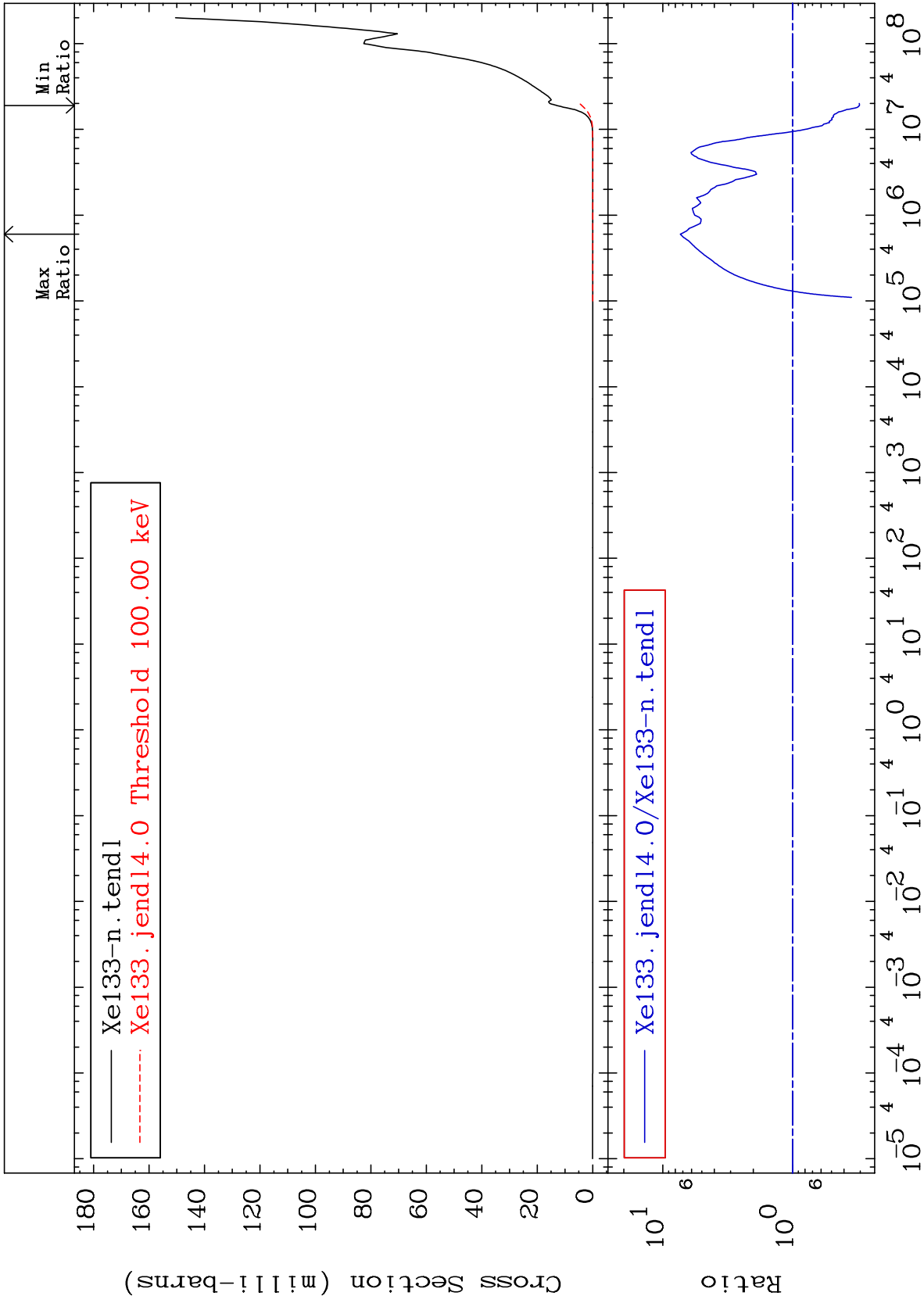
Incident Energy (eV)

54-Xe-133

MAT 5452

He-4 Production  
Cross Section

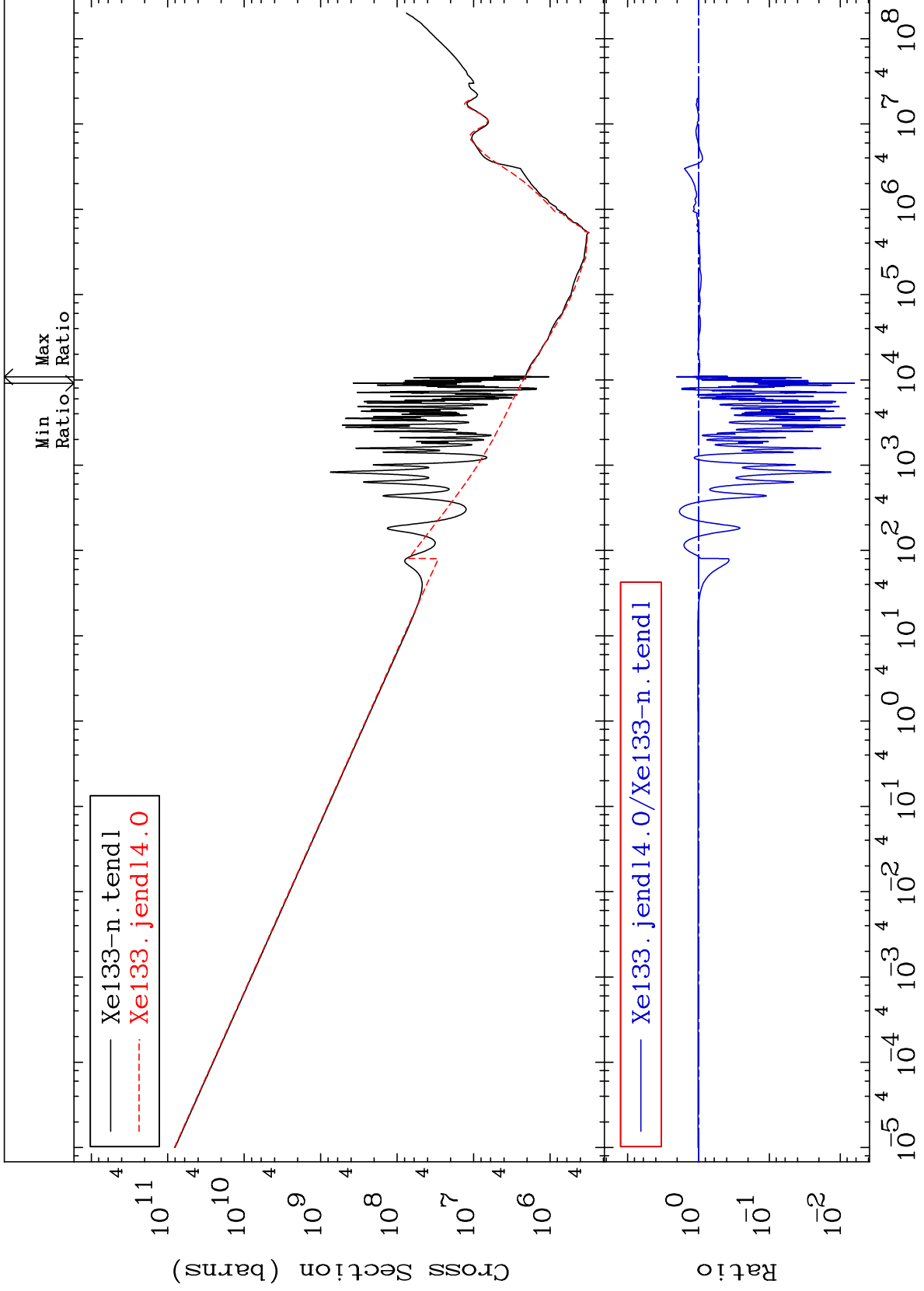
54-Xe-133  
-69.60 To 631.9 %



MAT 5452

Kerma total (eV-barns)  
Cross Section

54-Xe-133  
-99.37 To 105.4 %



29

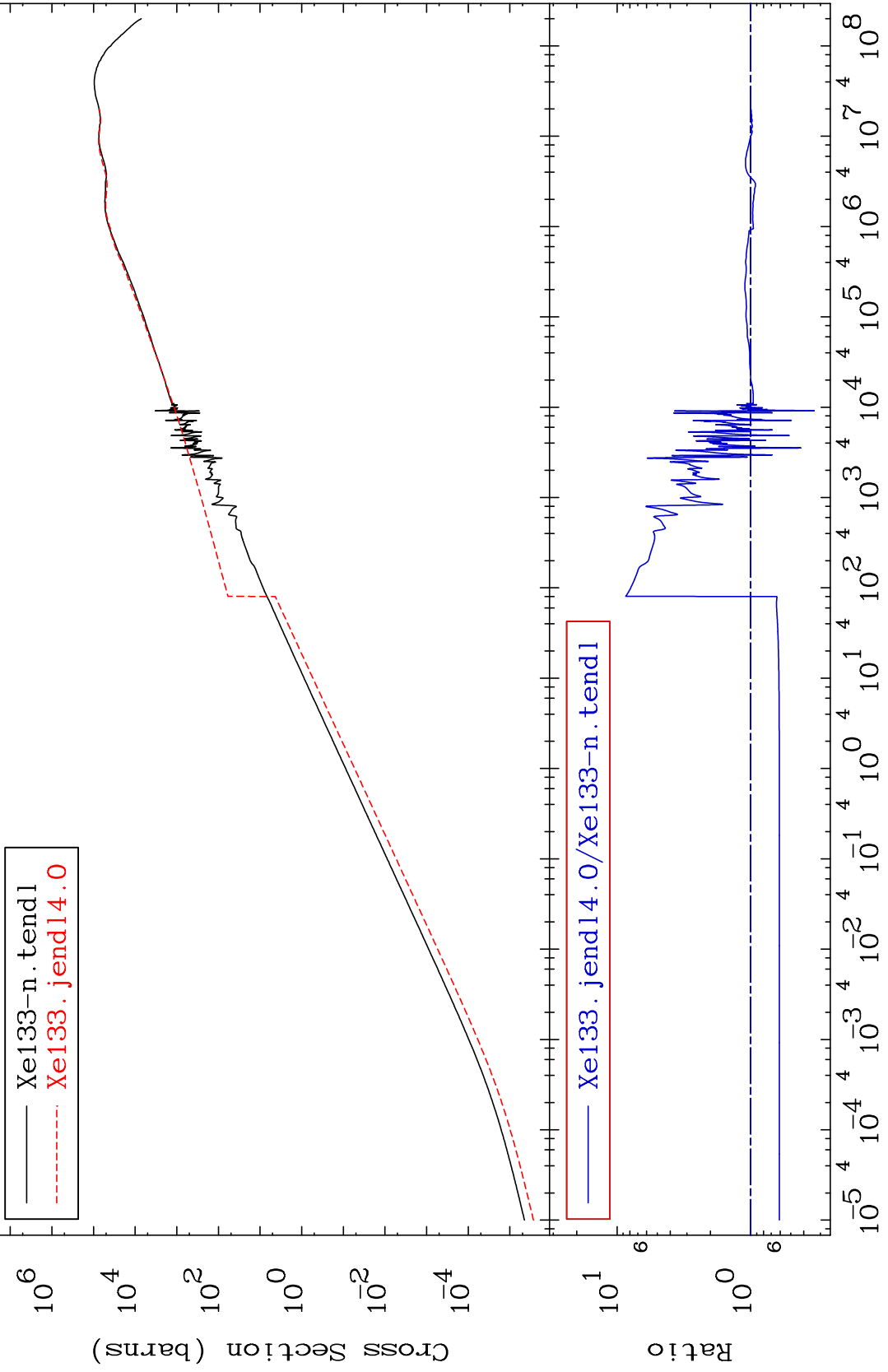
Incident Energy (eV)

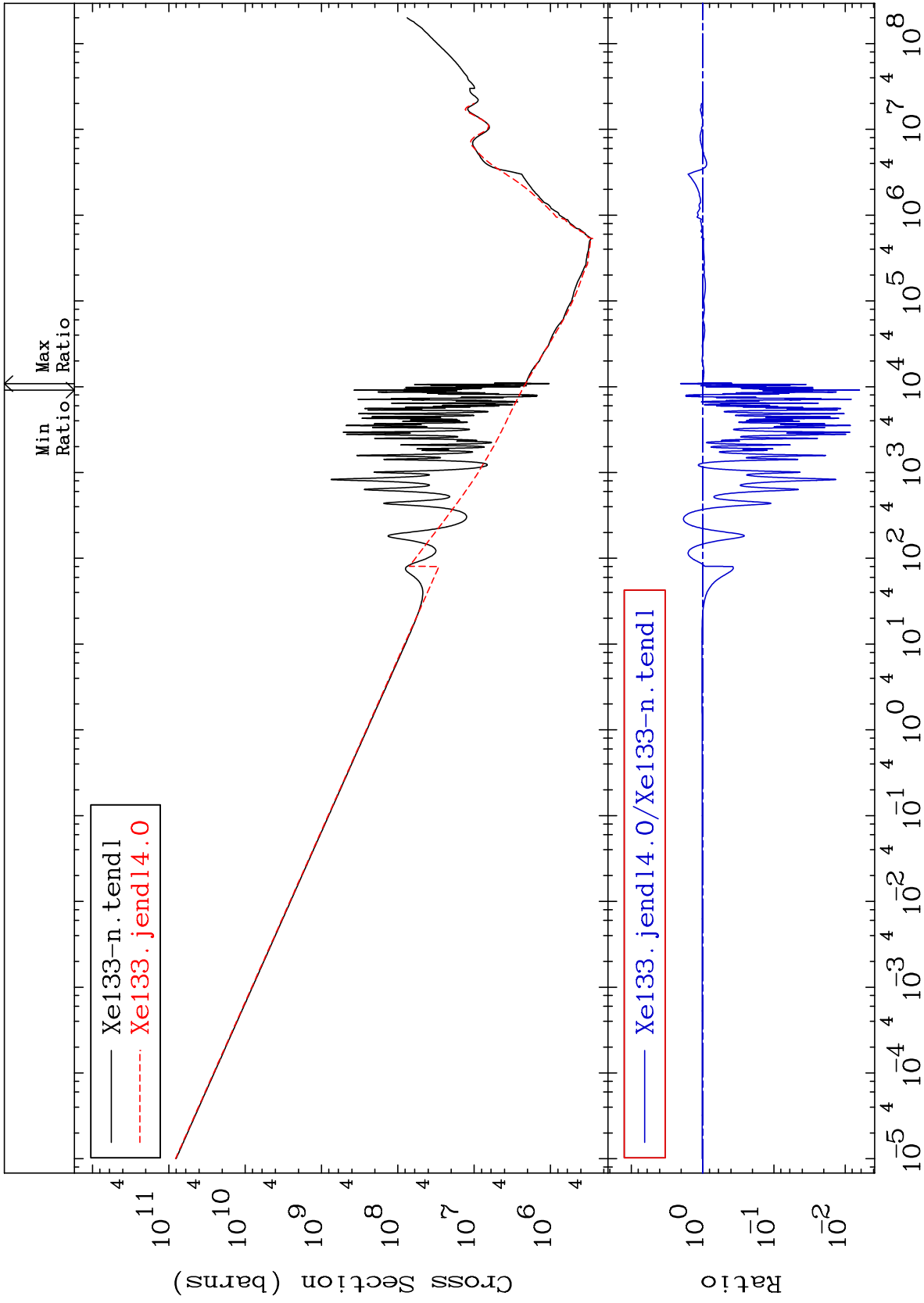
54-Xe-133

MAT 5452

Kerma elastic  
Cross Section

54-Xe-133  
-66.67 To 760.5 %

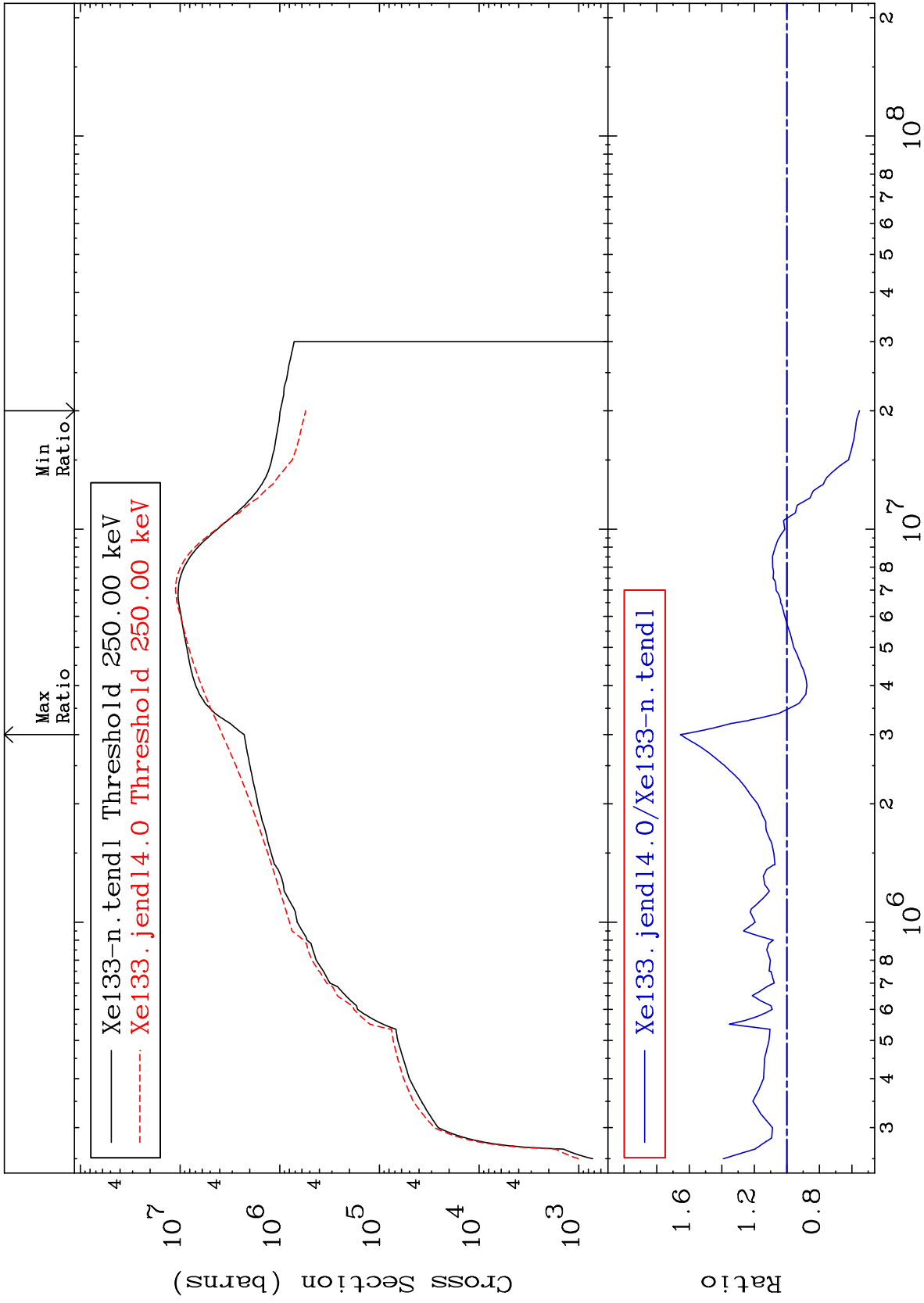




MAT 5452

Kerma inelastic (mt51-91)  
Cross Section

54-Xe-133  
-44.57 To 65.44 %

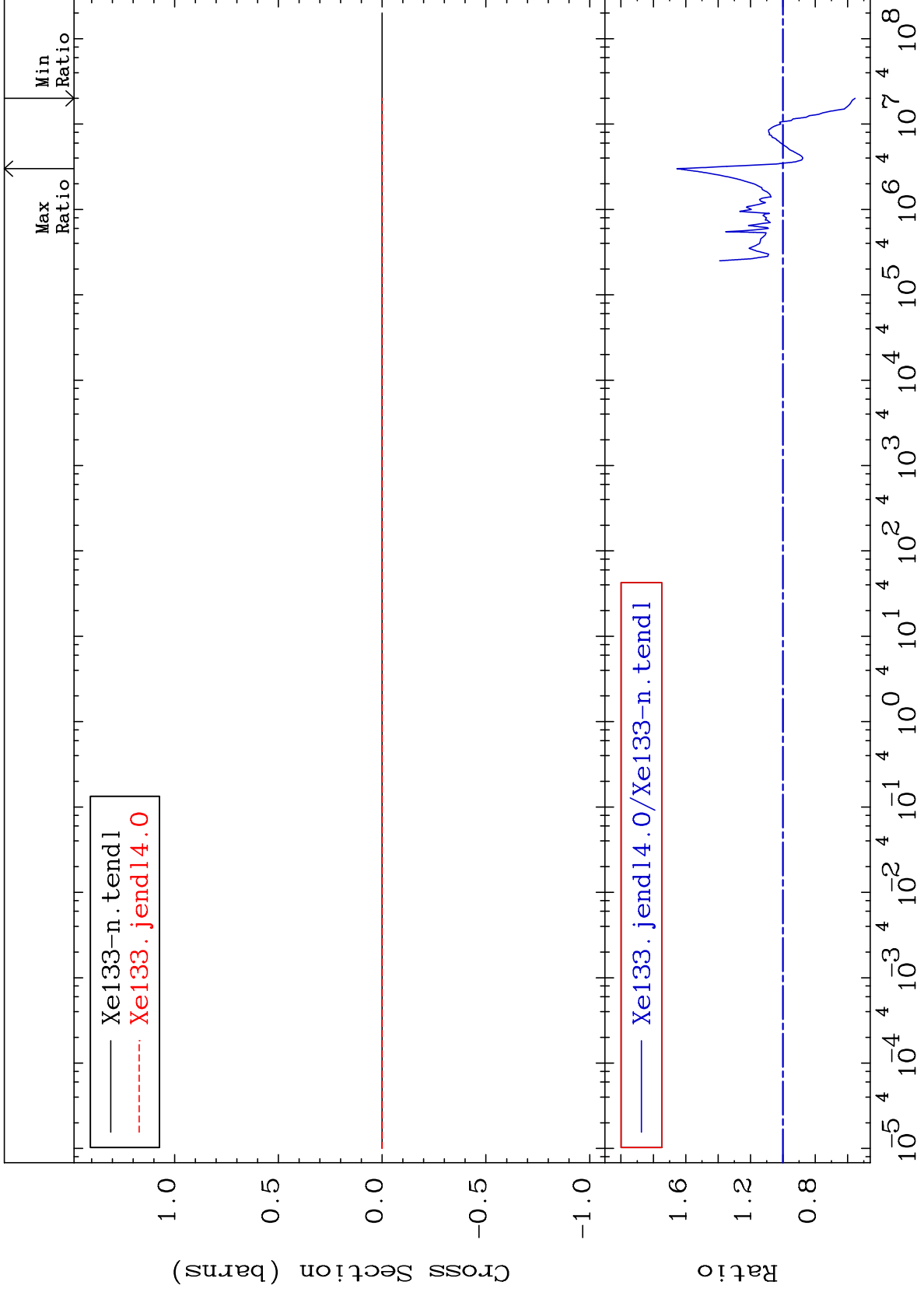




MAT 5452

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

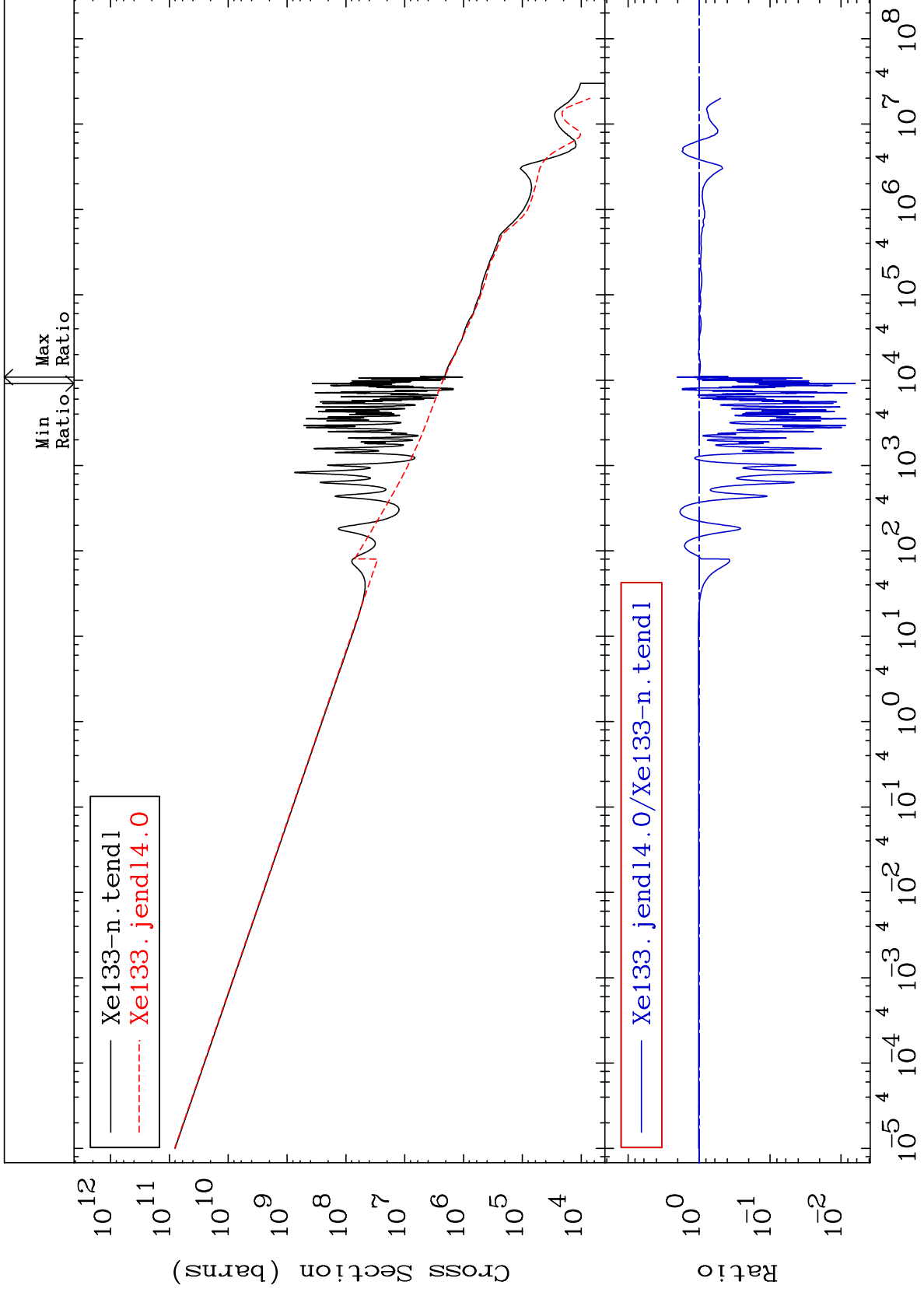
54-Xe-133  
-44.57 To 65.44 %



MAT 5452

Kerma capture (mt102)  
Cross Section

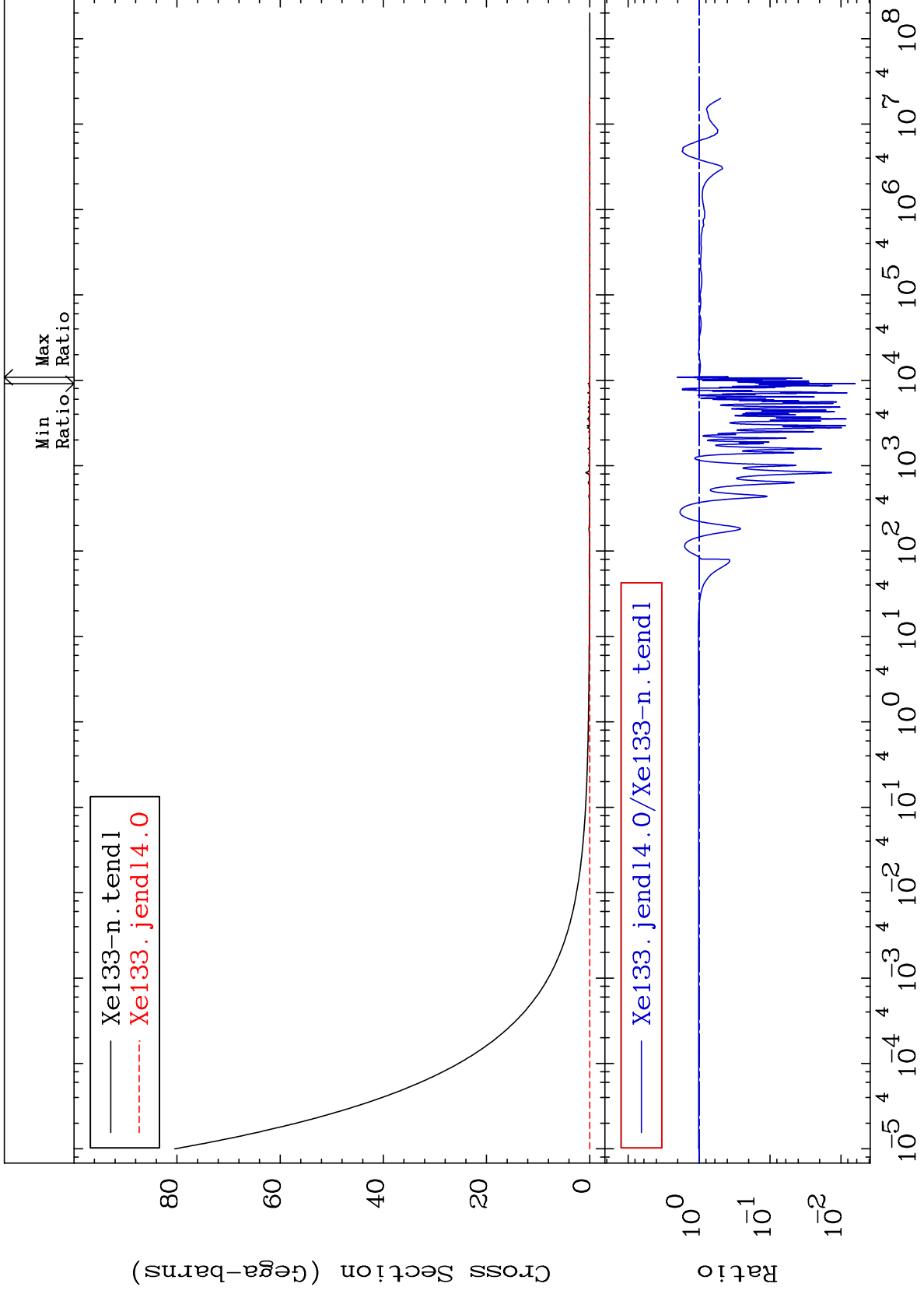
54-Xe-133  
-99.37 To 105.6 %



MAT 5452

Total photon (eV-barns)  
Cross Section

54-Xe-133  
-99.37 To 105.6 %



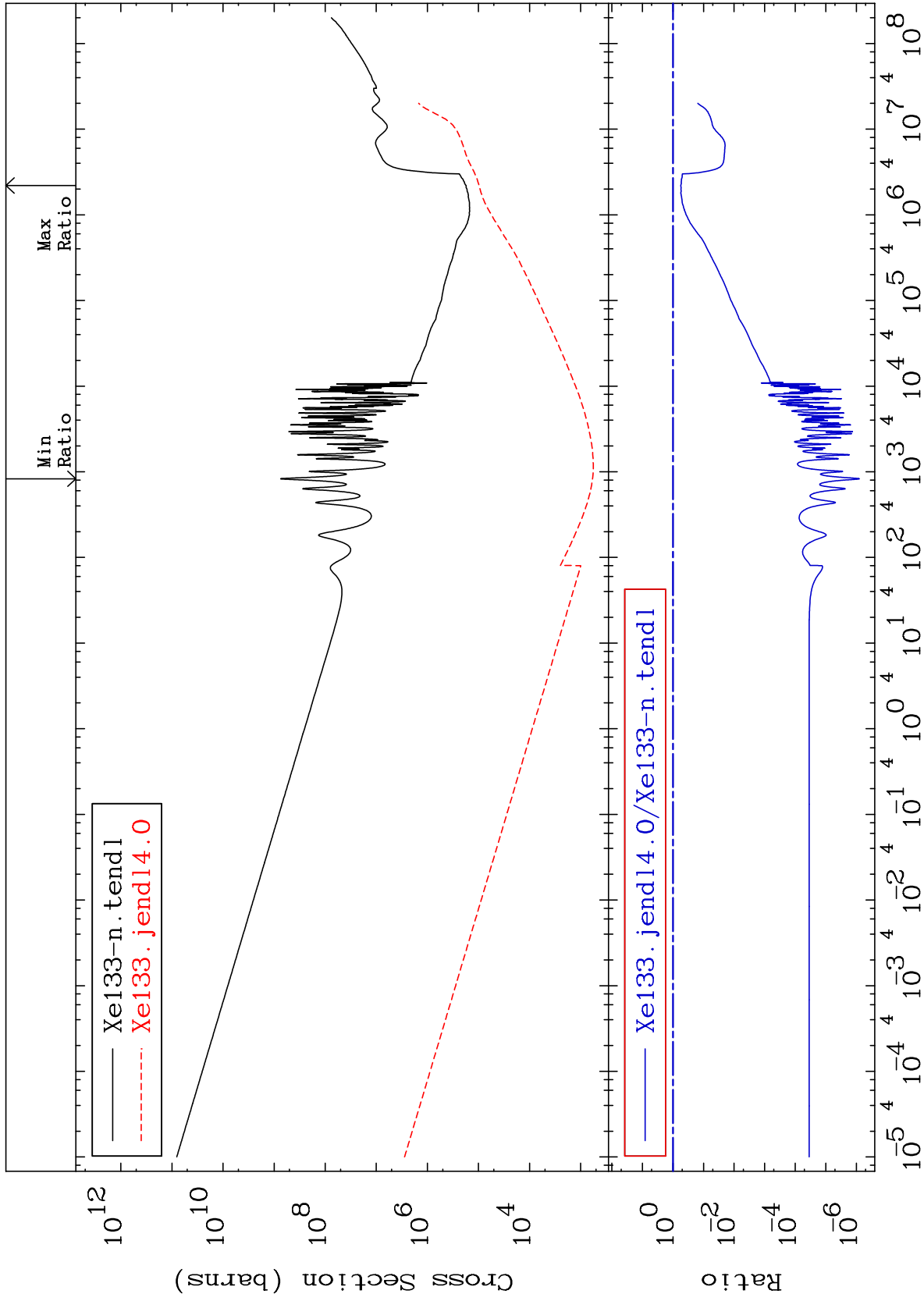
MAT 5452

Total kinematic kerma (high limit)

54-Xe-133

Cross Section

-100.0 To -44.28%



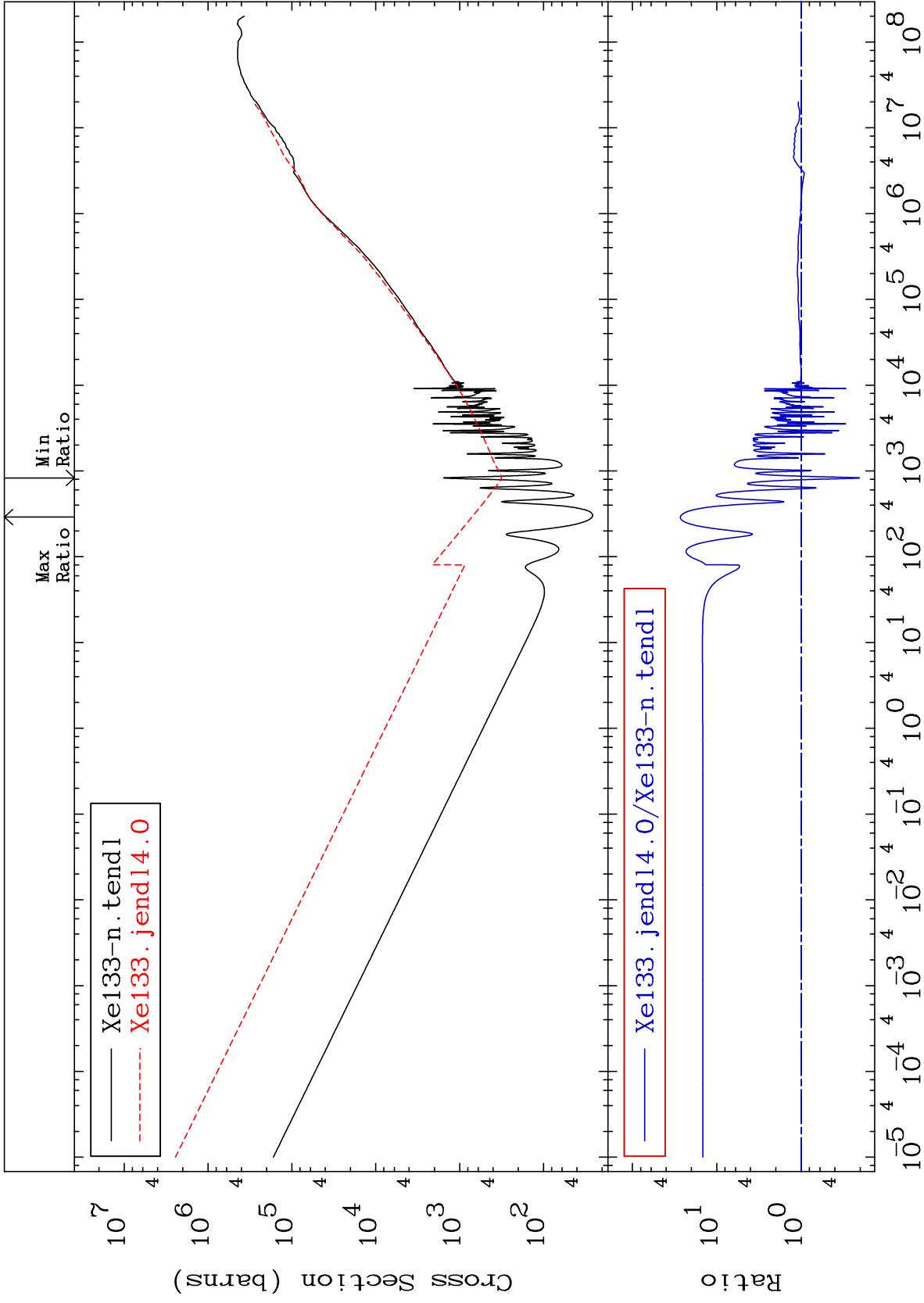
MAT 5452

Dpa total (eV-barns)

54-Xe-133

-79.54 To 2607. %

Cross Section



37

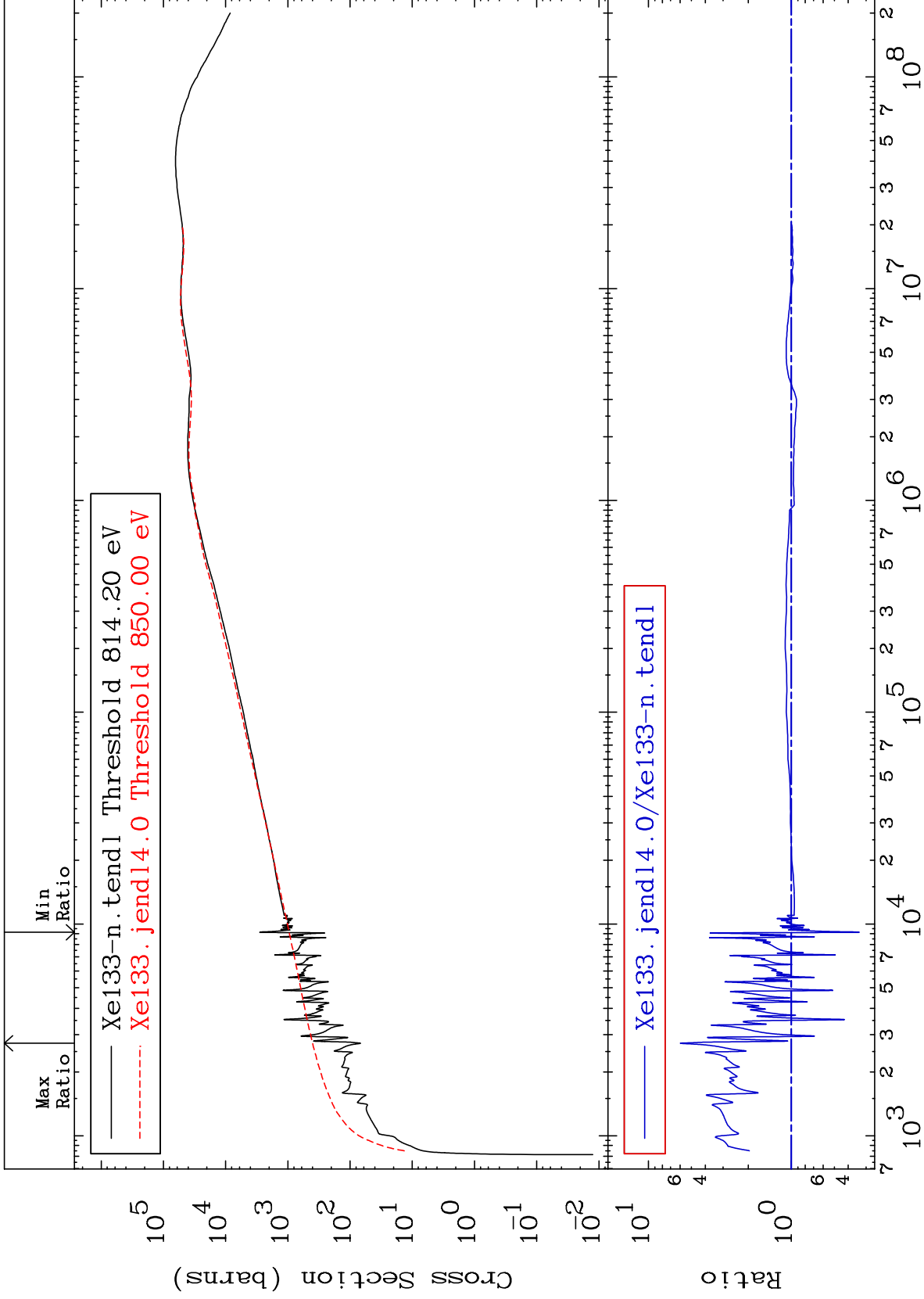
Incident Energy (eV)

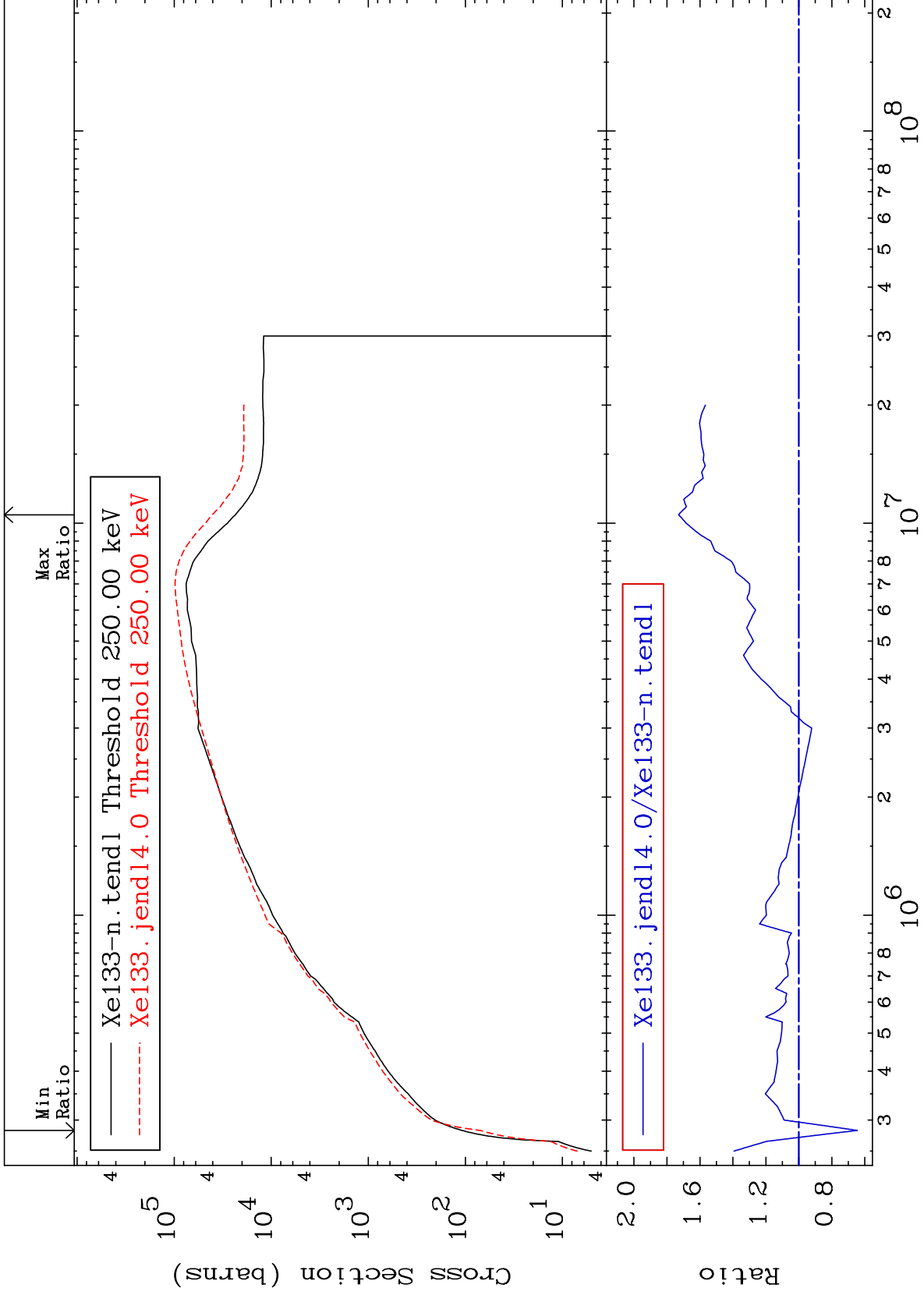
54-Xe-133

MAT 5452

Dpa elastic (mt2)  
Cross Section

54-Xe-133  
-66.61 To 497.8 %

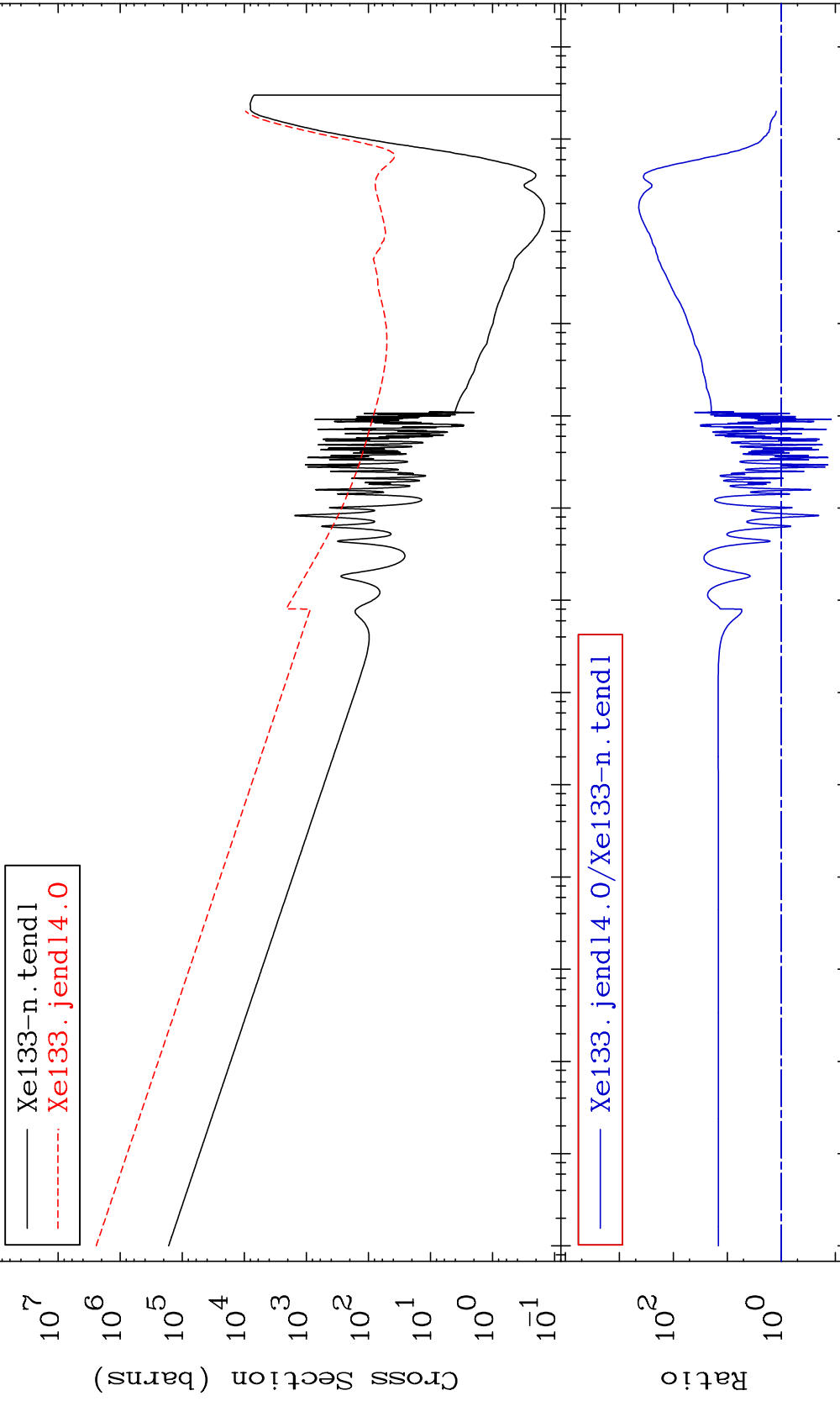




MAT 5452

Dpa disappearance (mt102 -120)  
Cross Section

54-Xe-133  
-88.04 To 9999. %



Incident Energy (eV)

54-Xe-133

40