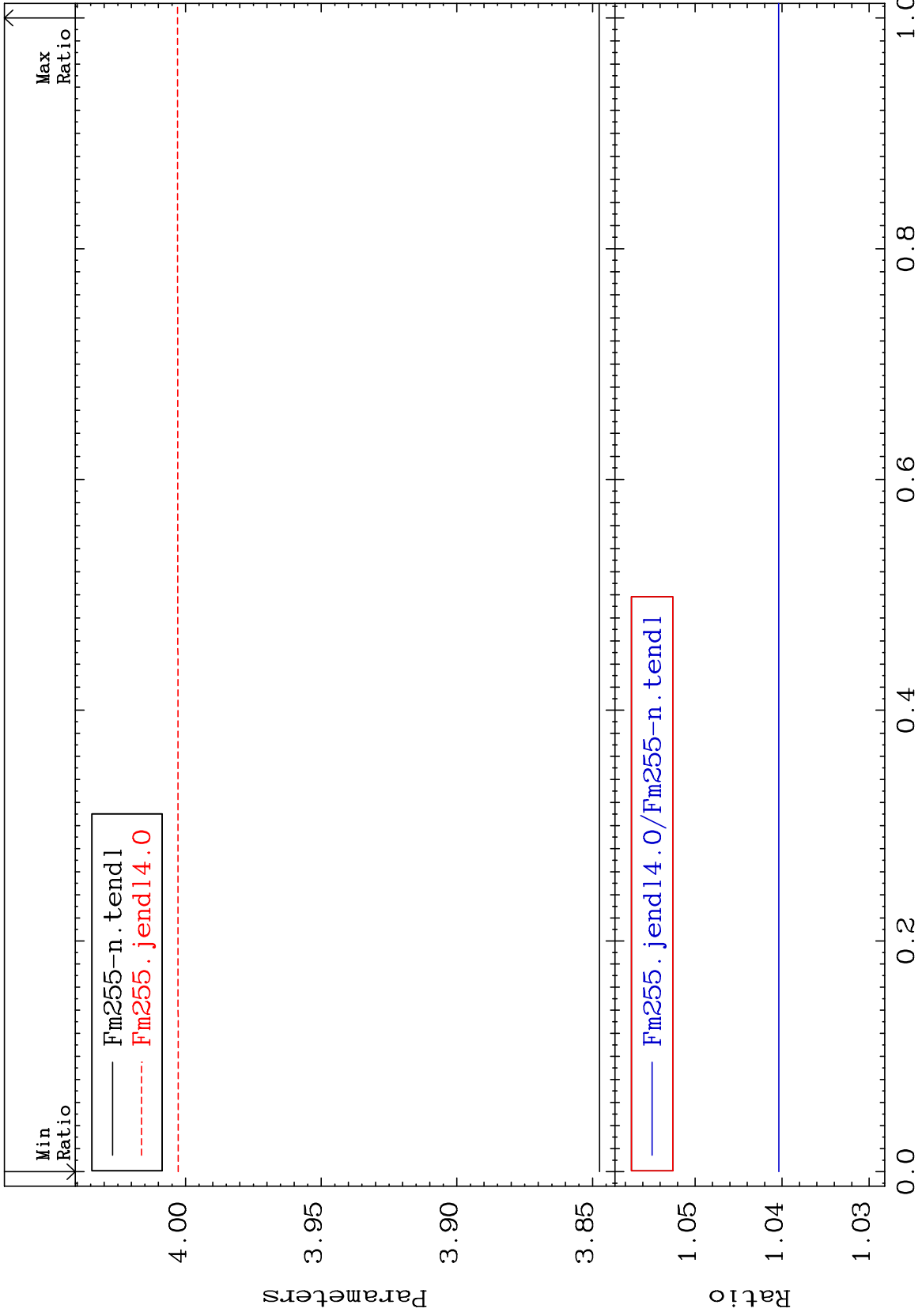


MAT 9936

Total  $\bar{\nu}$   
Parameters

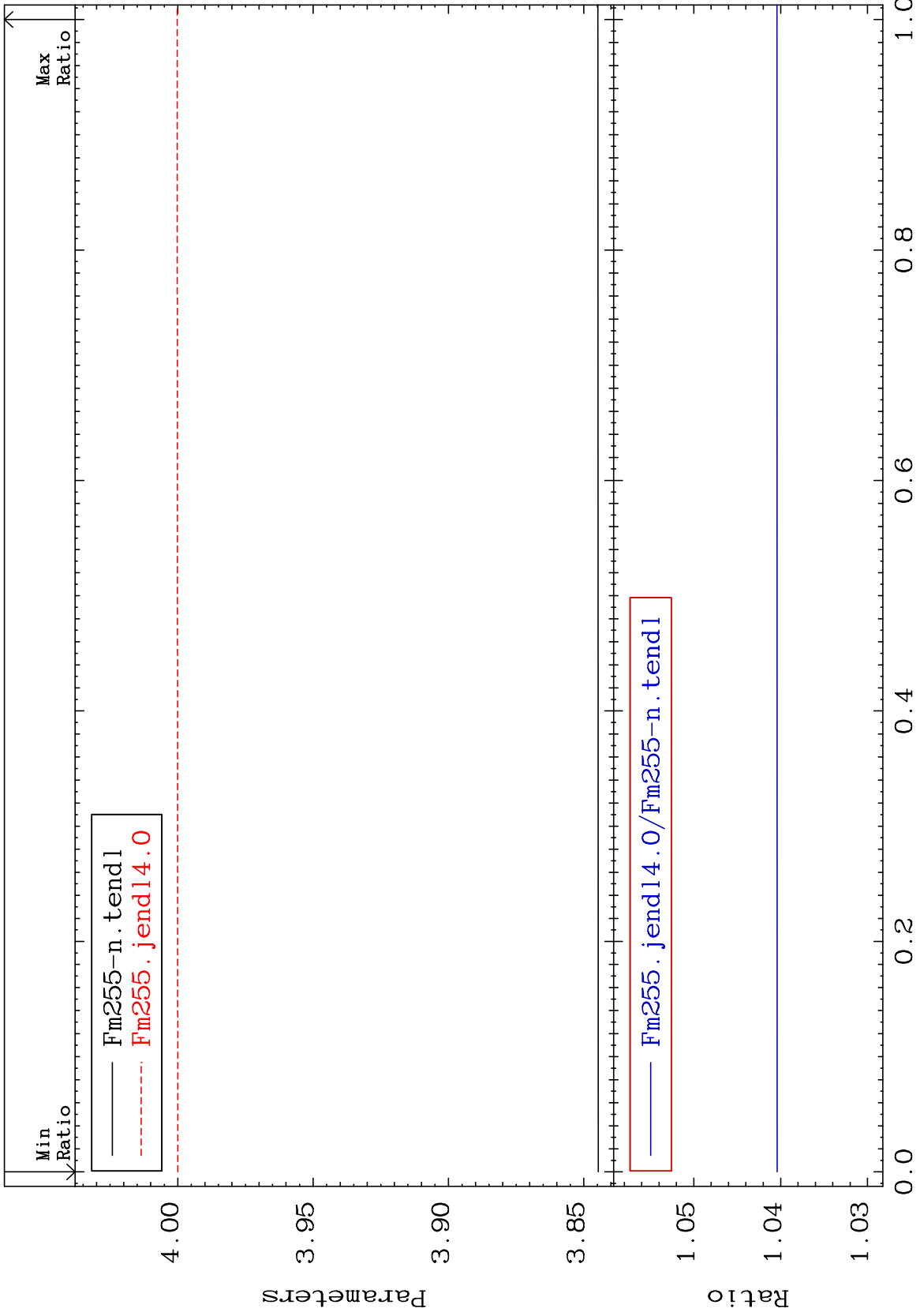
100-Fm-255  
To 4.037  
4.037 %



MAT 9936

Prompt  $\bar{\nu}$   
Parameters

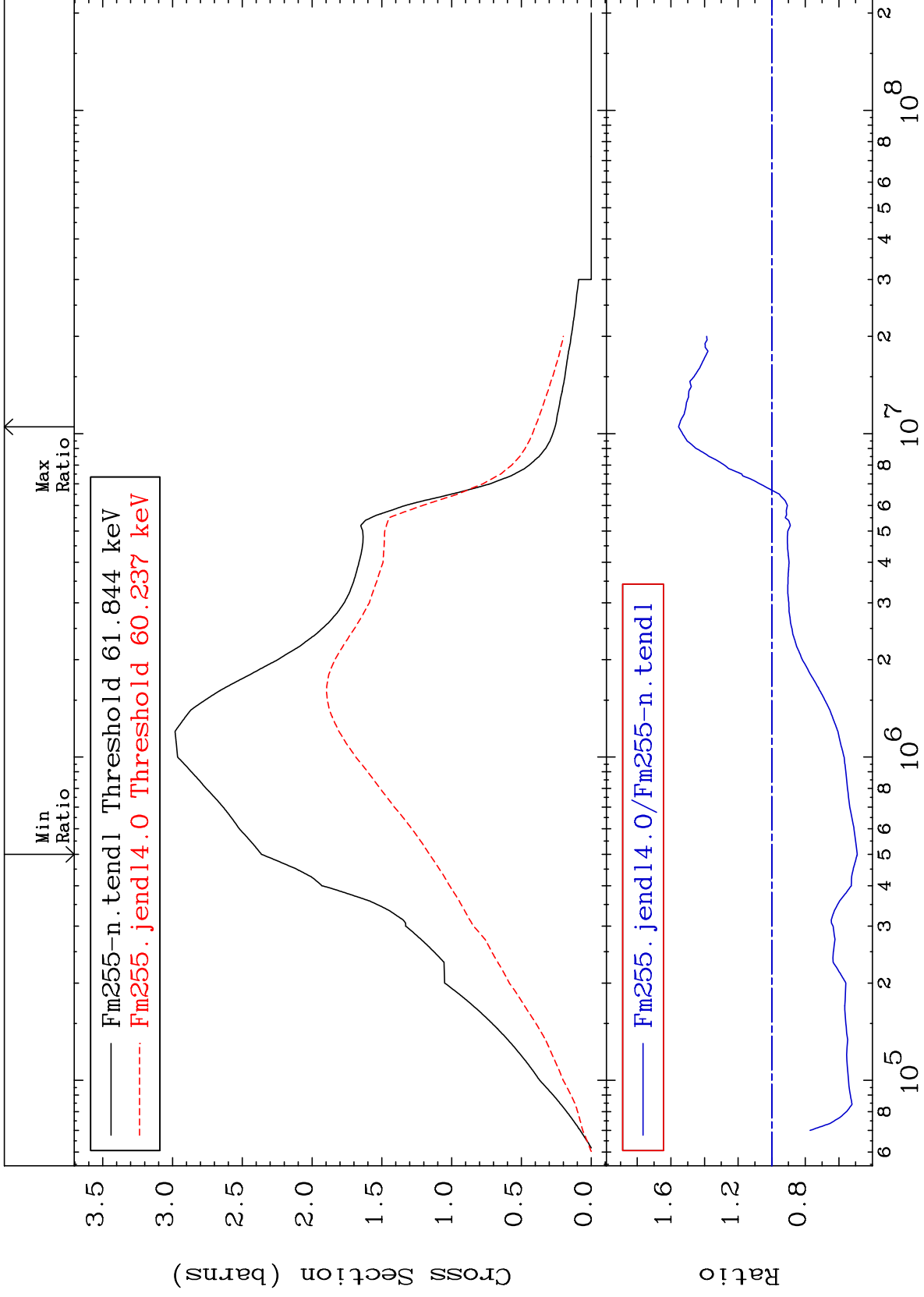
100-Fm-255  
To 4.042 %



MAT 9936

Inelastic  
Cross Section

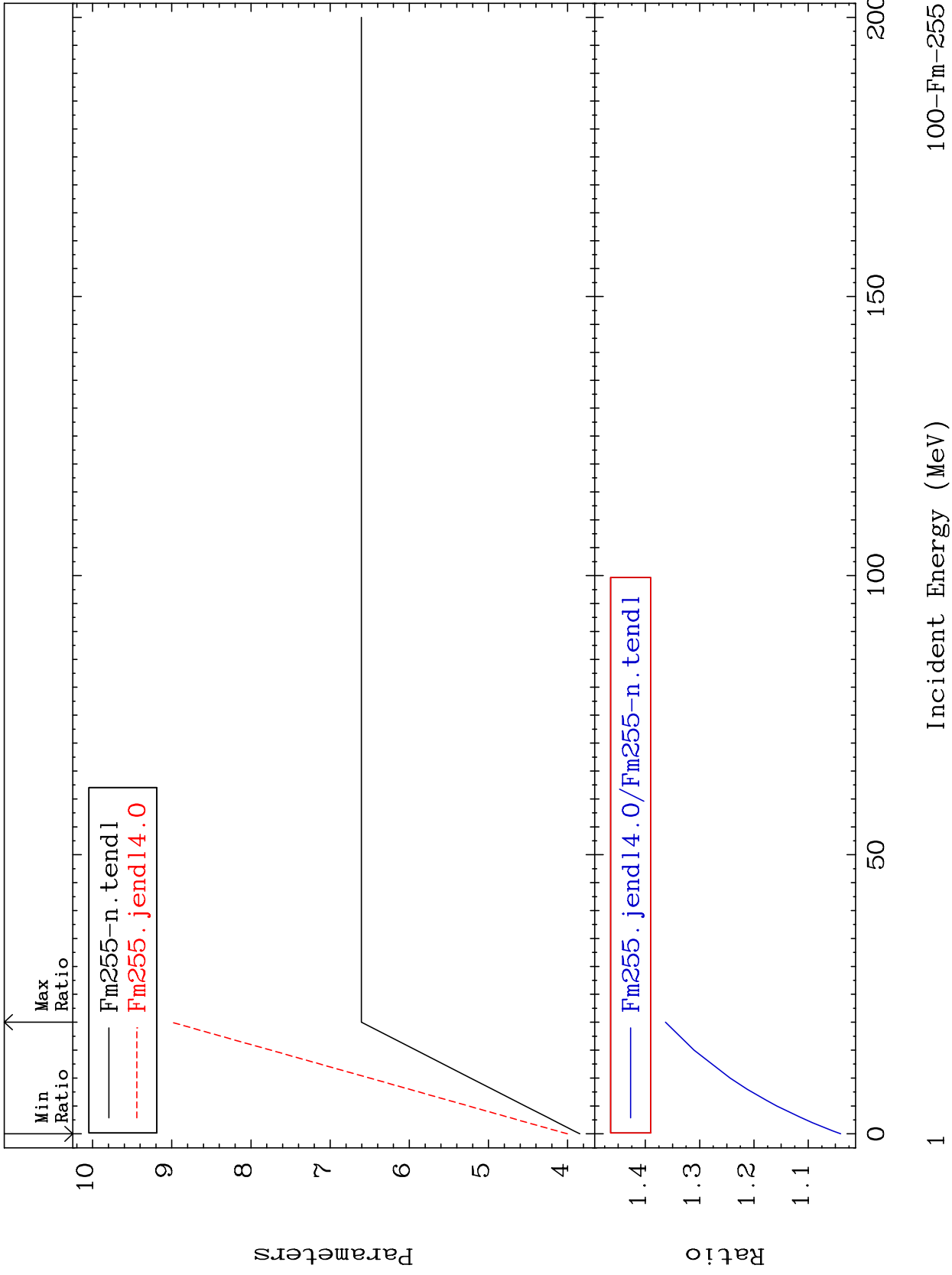
100-Fm-255  
-50.94 To 55.39 %



MAT 9936

Total  $\bar{\nu}$   
Parameters

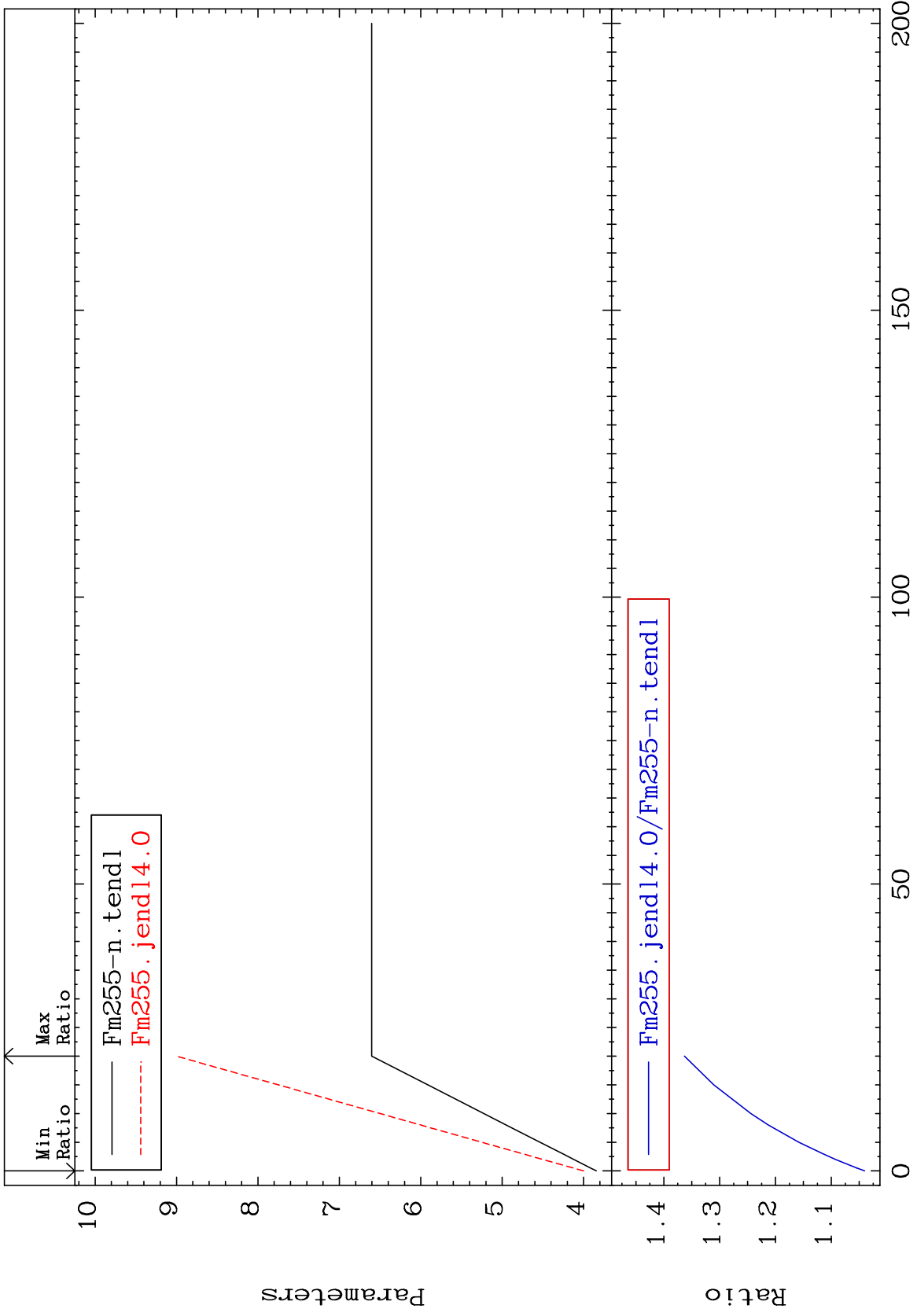
100-Fm-255  
To 36.29 %



MAT 9936

Prompt  $\bar{\nu}$   
Parameters

100-Fm-255  
To 36.30 %



Incident Energy (MeV)

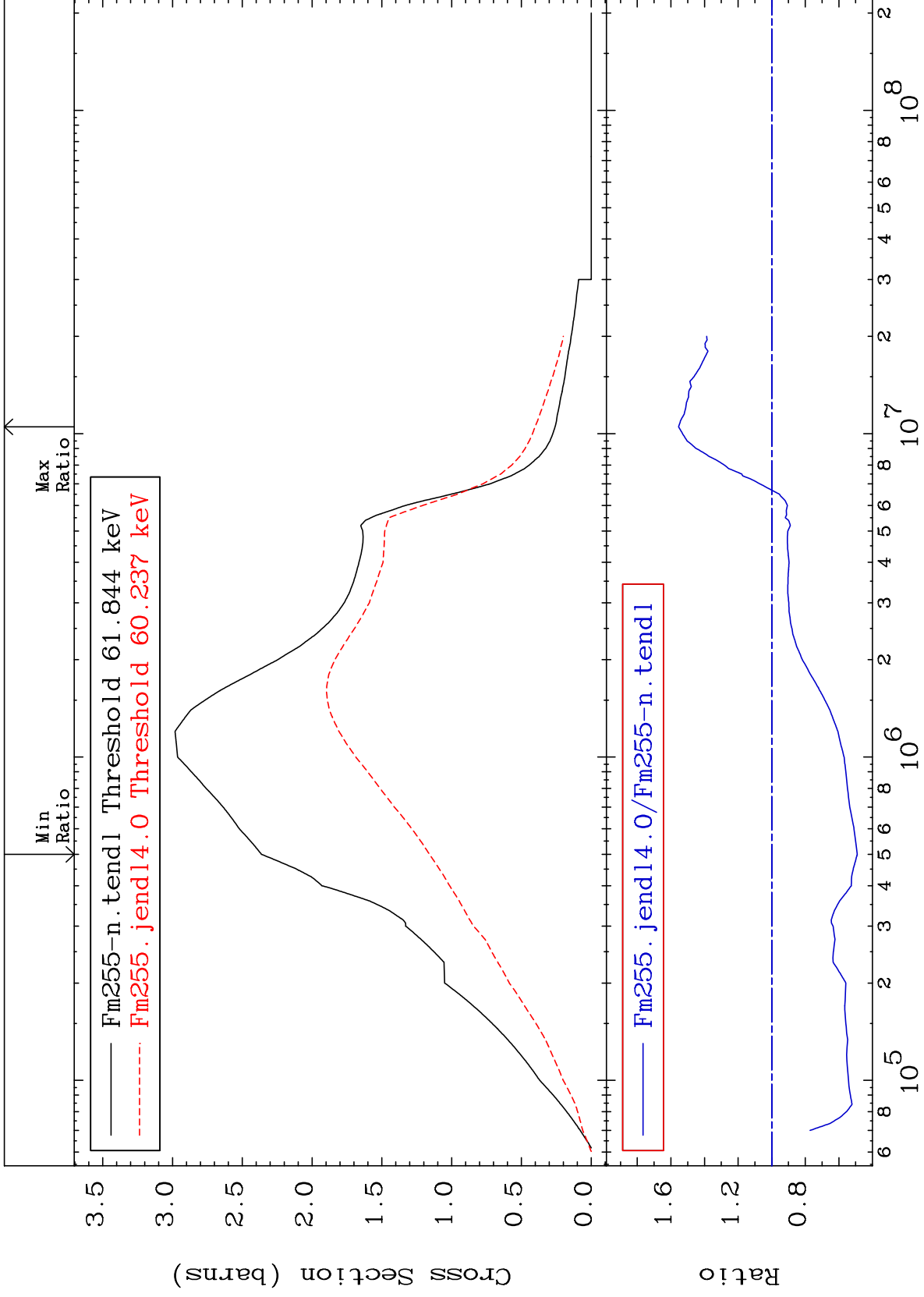
100-Fm-255

2

MAT 9936

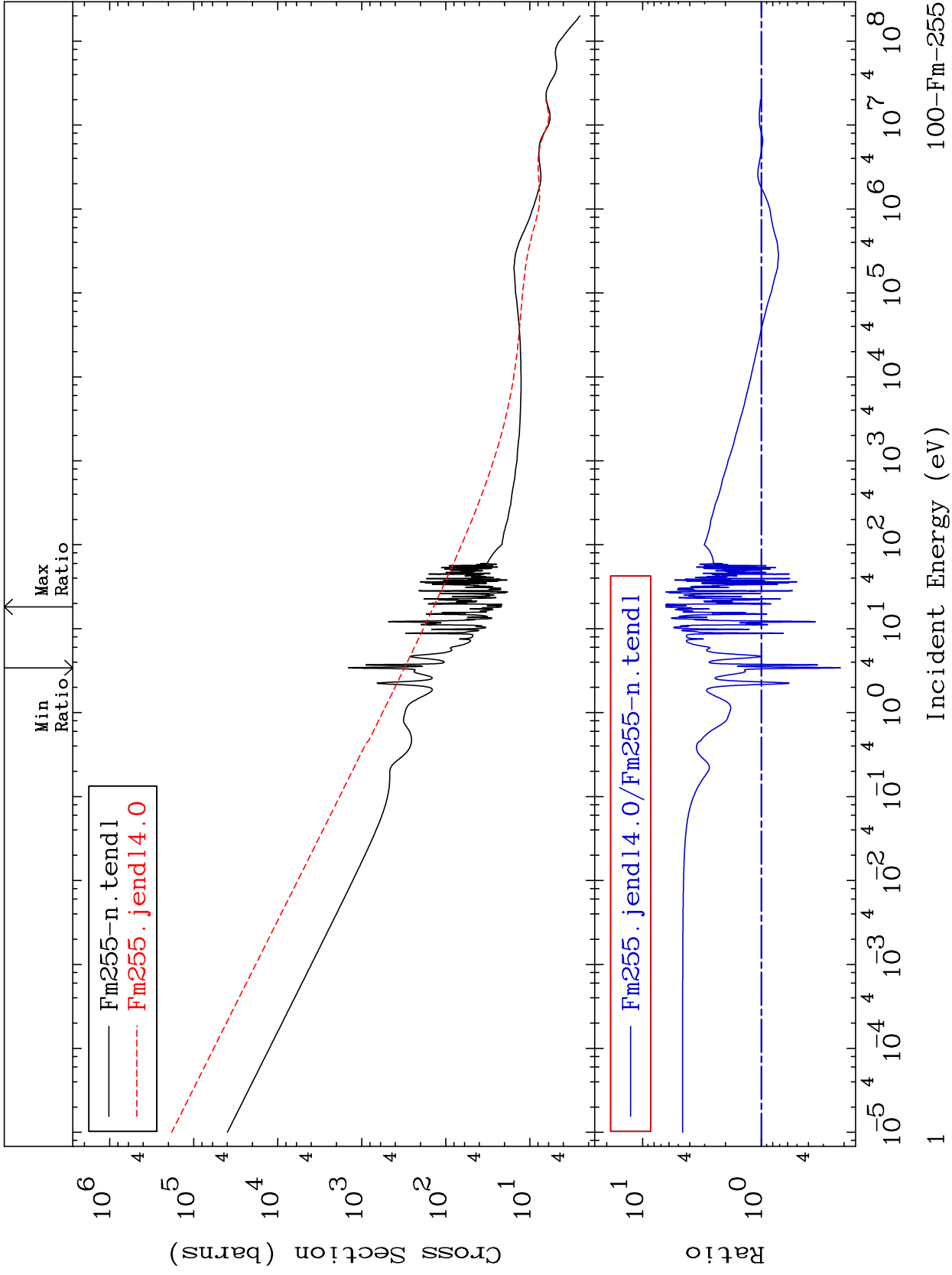
Inelastic  
Cross Section

100-Fm-255  
-50.94 To 55.39 %



MAT 9936

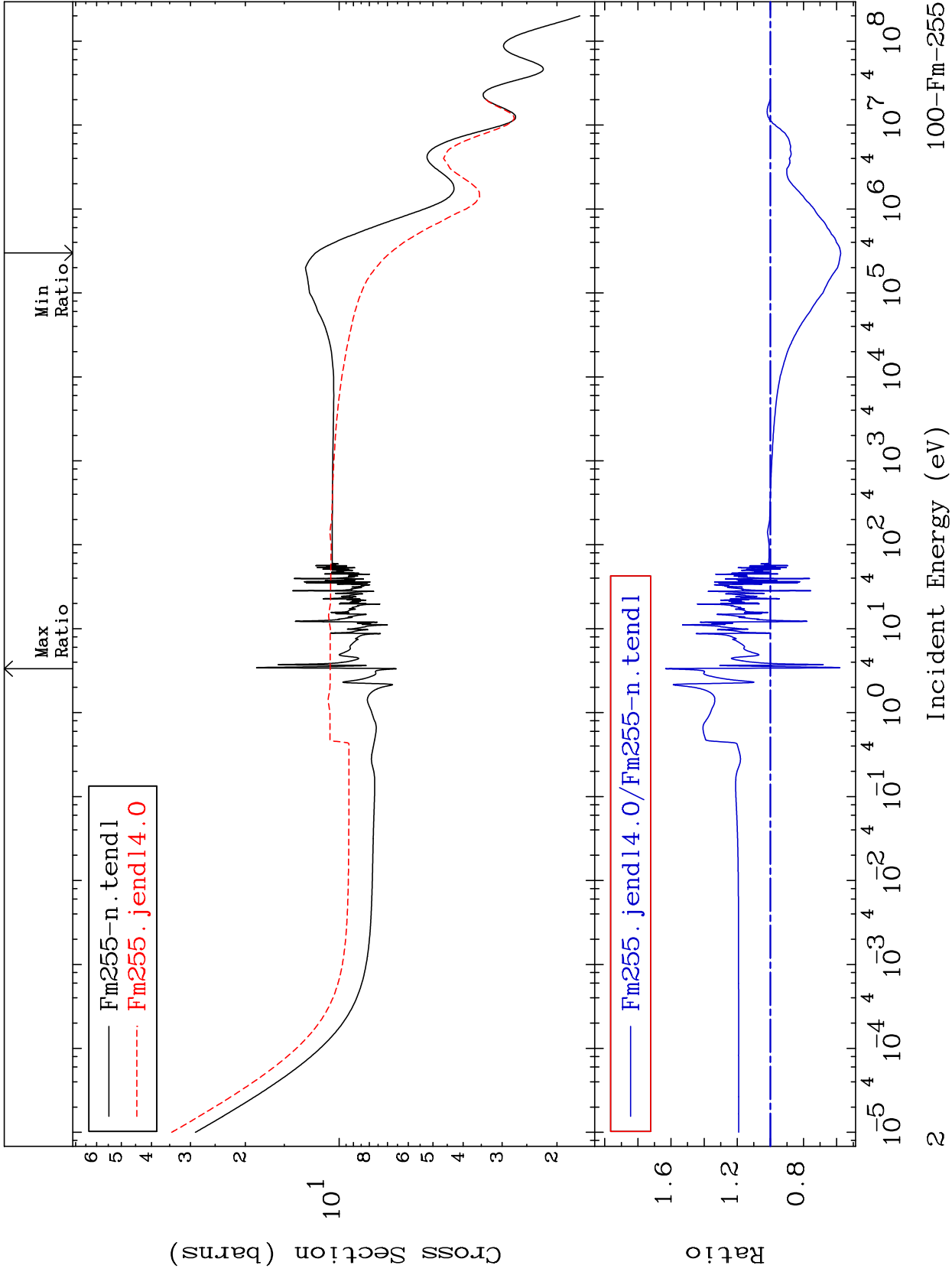
Total  
Cross Section  
100-Fm-255  
-78.58 To 540.4 %



100-Fm-255

MAT 9936

Elastic Cross Section  
100-Fm-255  
-42.43 To 63.32 %



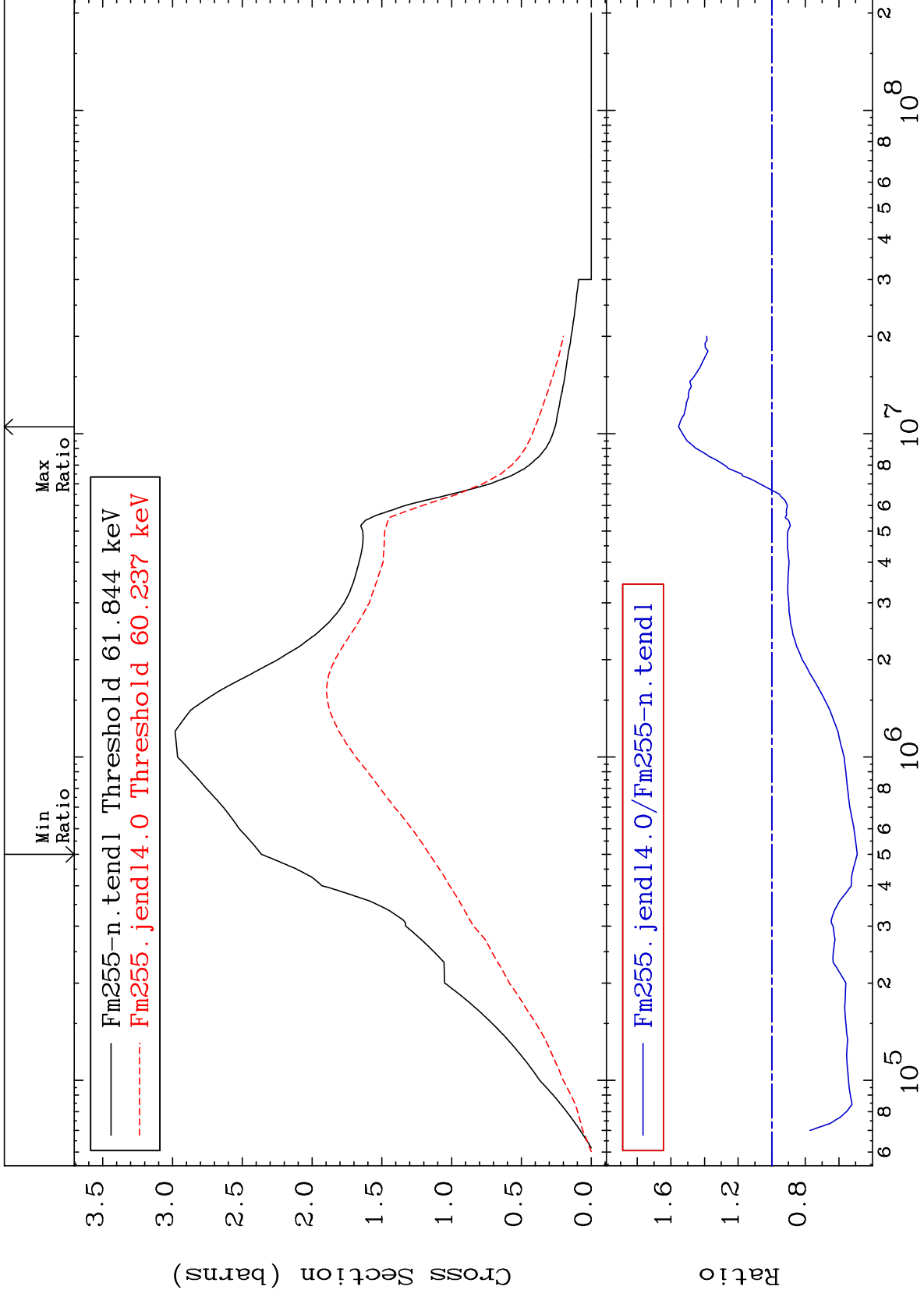
100-Fm-255



MAT 9936

Inelastic  
Cross Section

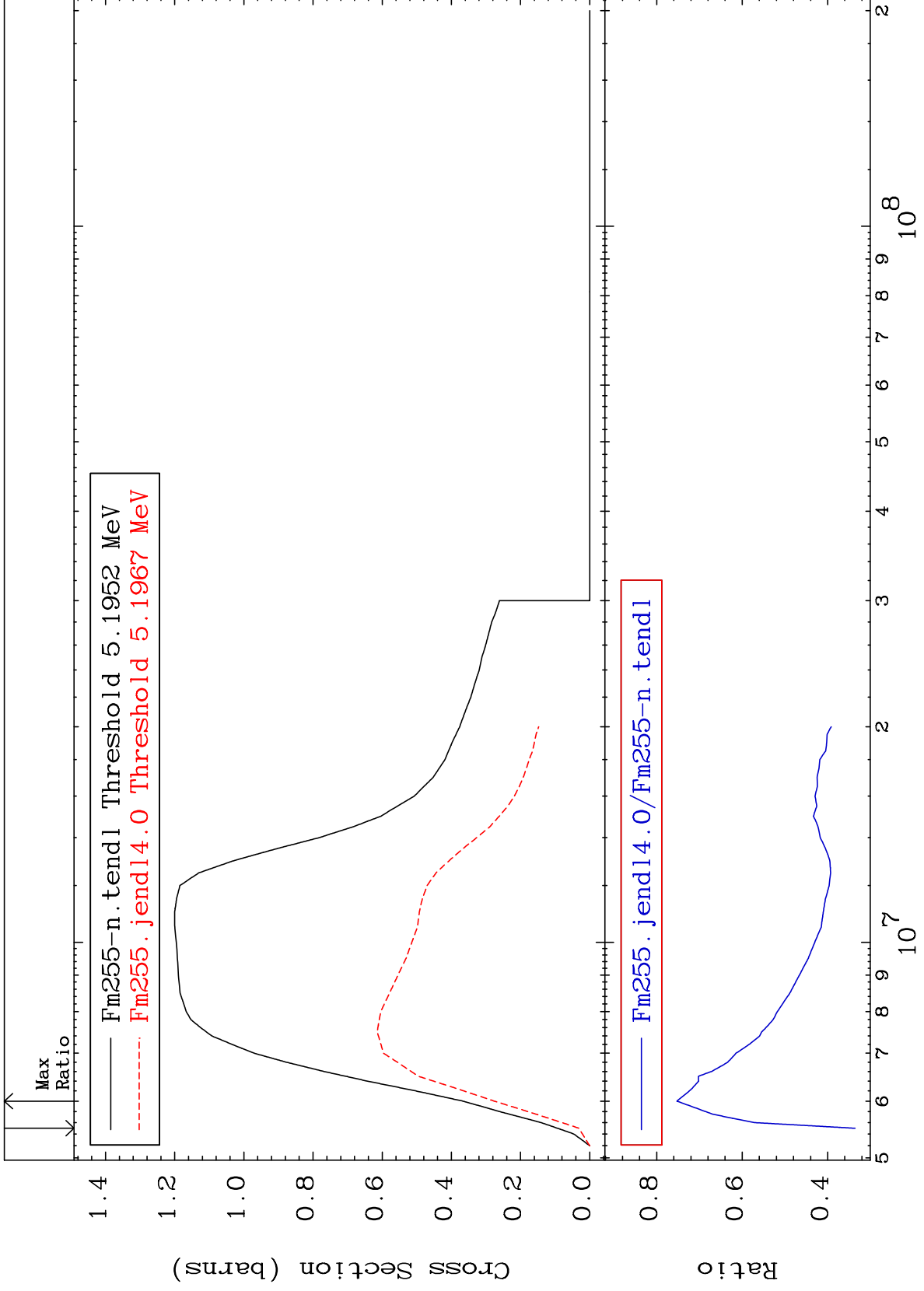
100-Fm-255  
-50.94 To 55.39 %



MAT 9936

(n,2n)  
Cross Section

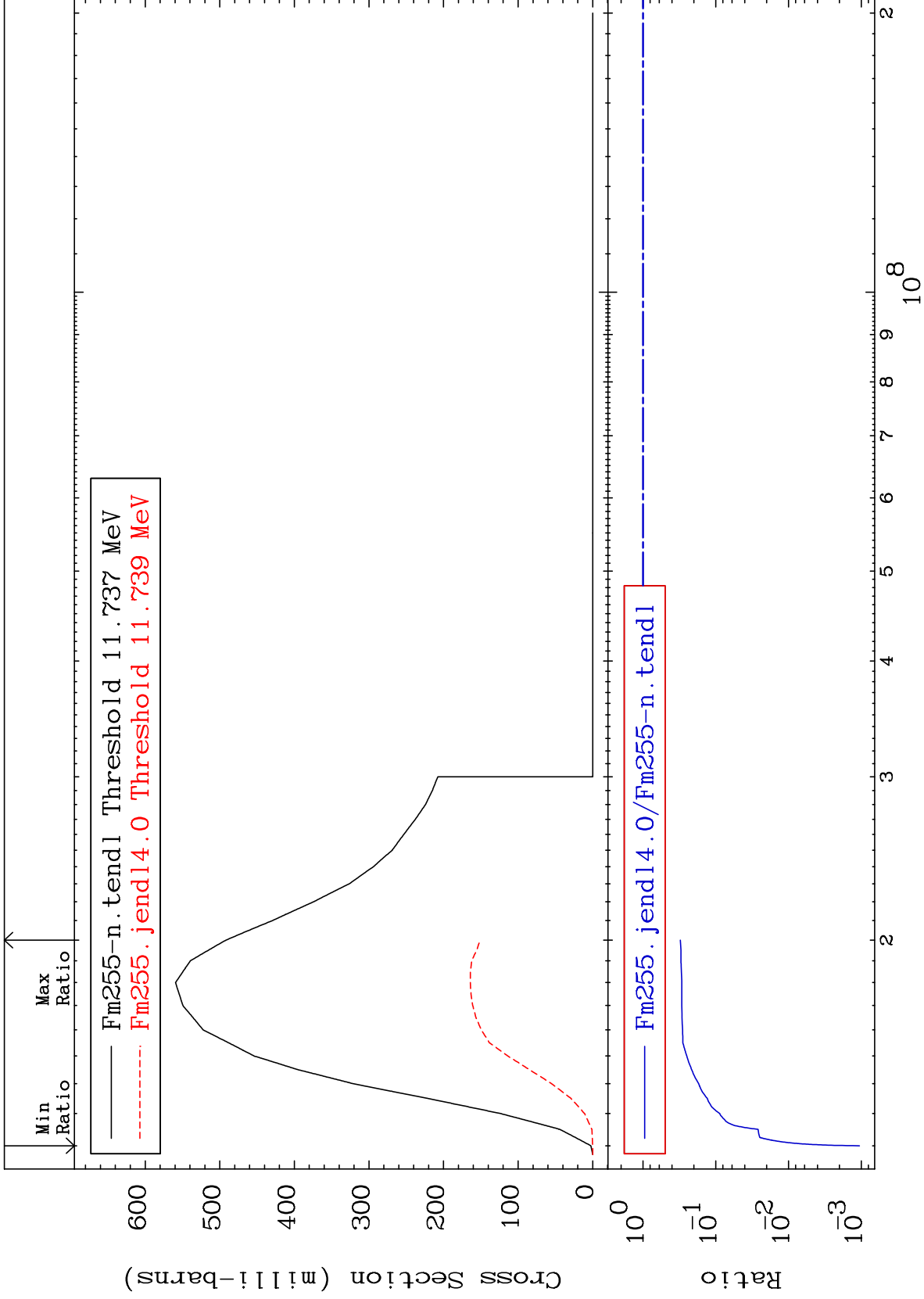
100-Fm-255  
-66.41 To -24.73%



MAT 9936

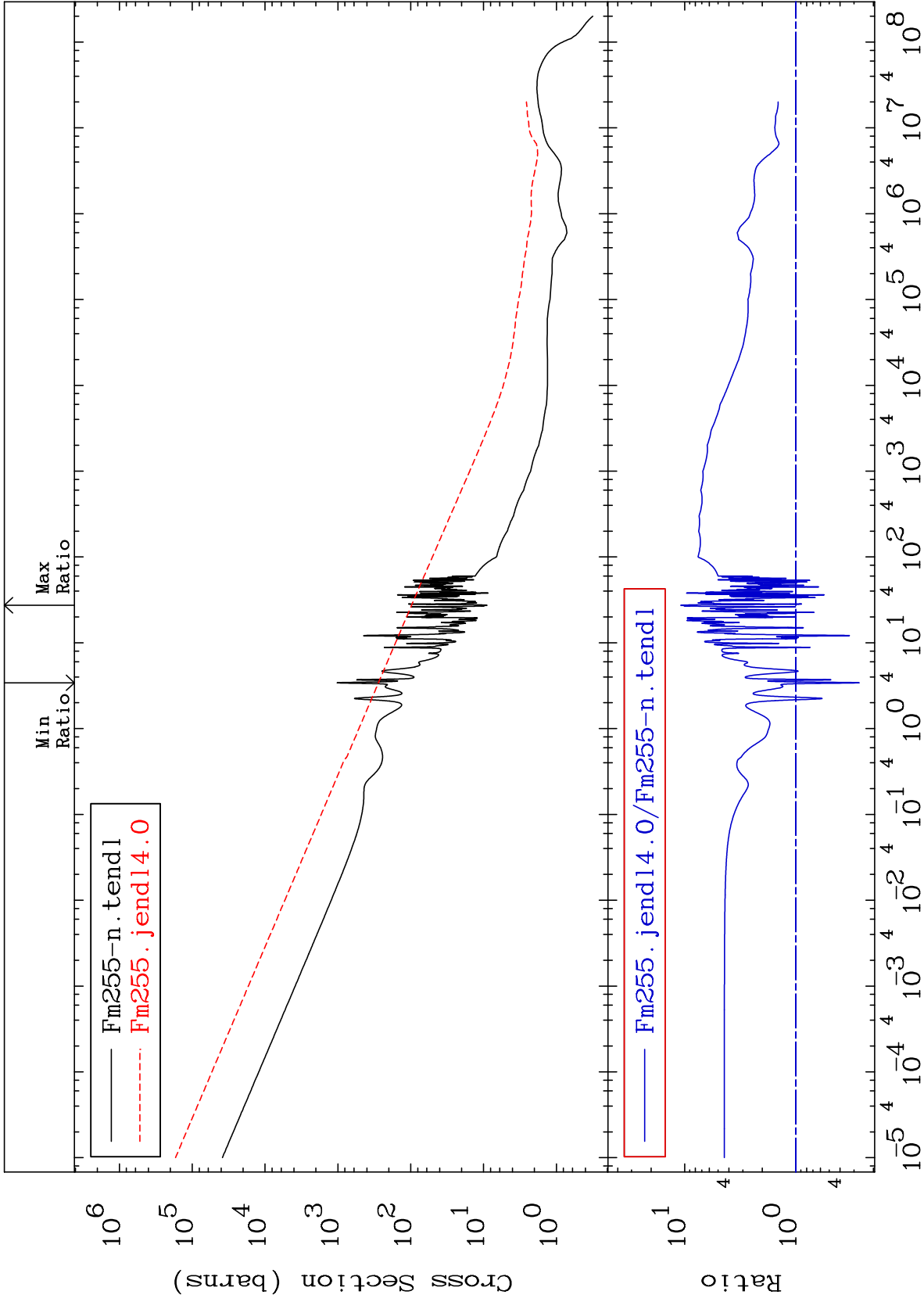
(n, 3n)  
Cross Section

100-Fm-255  
-99.89 To -69.30%



MAT 9936

Fission Cross Section  
100-Fm-255  
-73.24 To 992.9 %



6

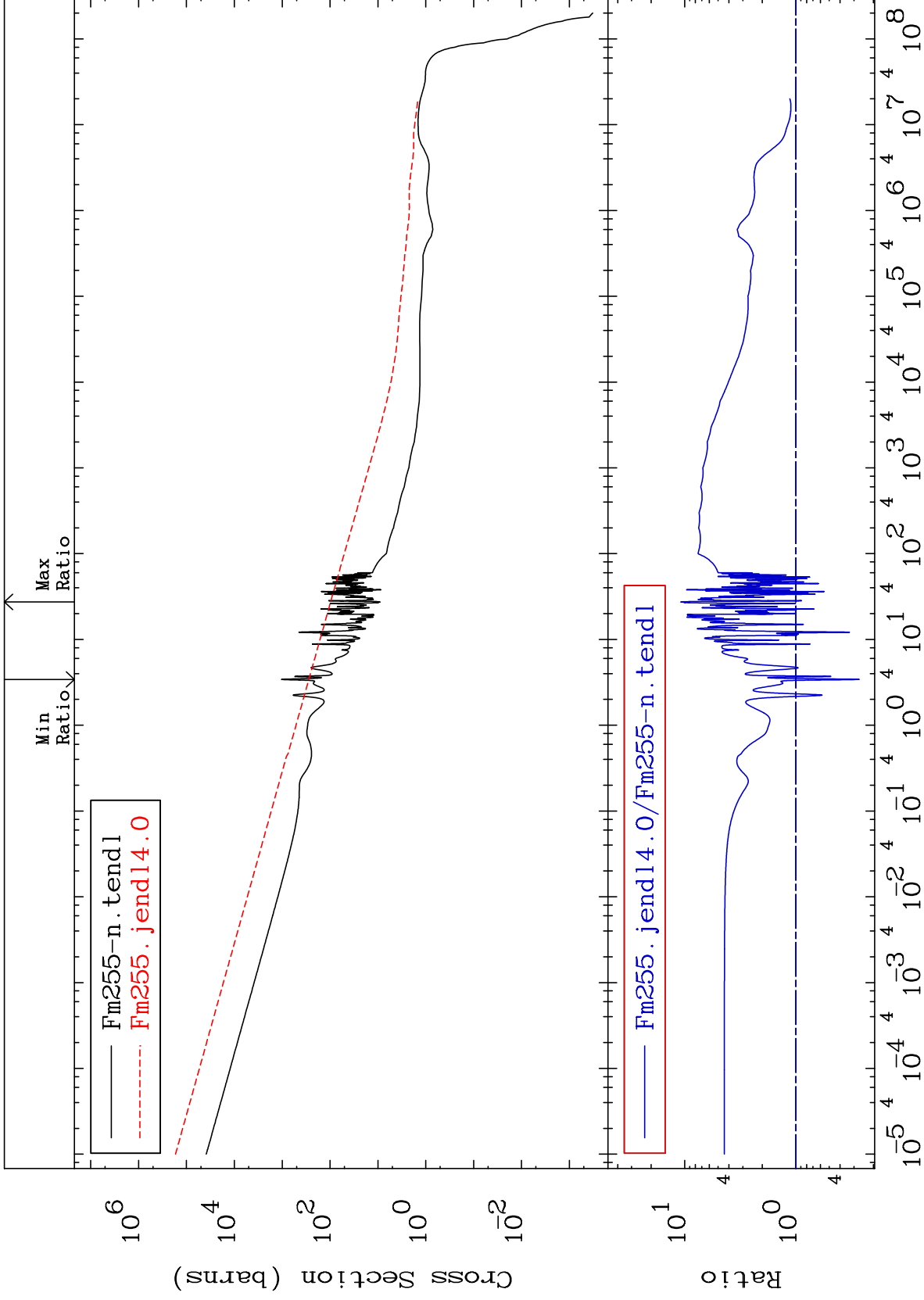
Incident Energy (eV)

100-Fm-255

MAT 9936

(n,f) First Chance  
Cross Section

100-Fm-255  
-73.24 To 992.9 %



7

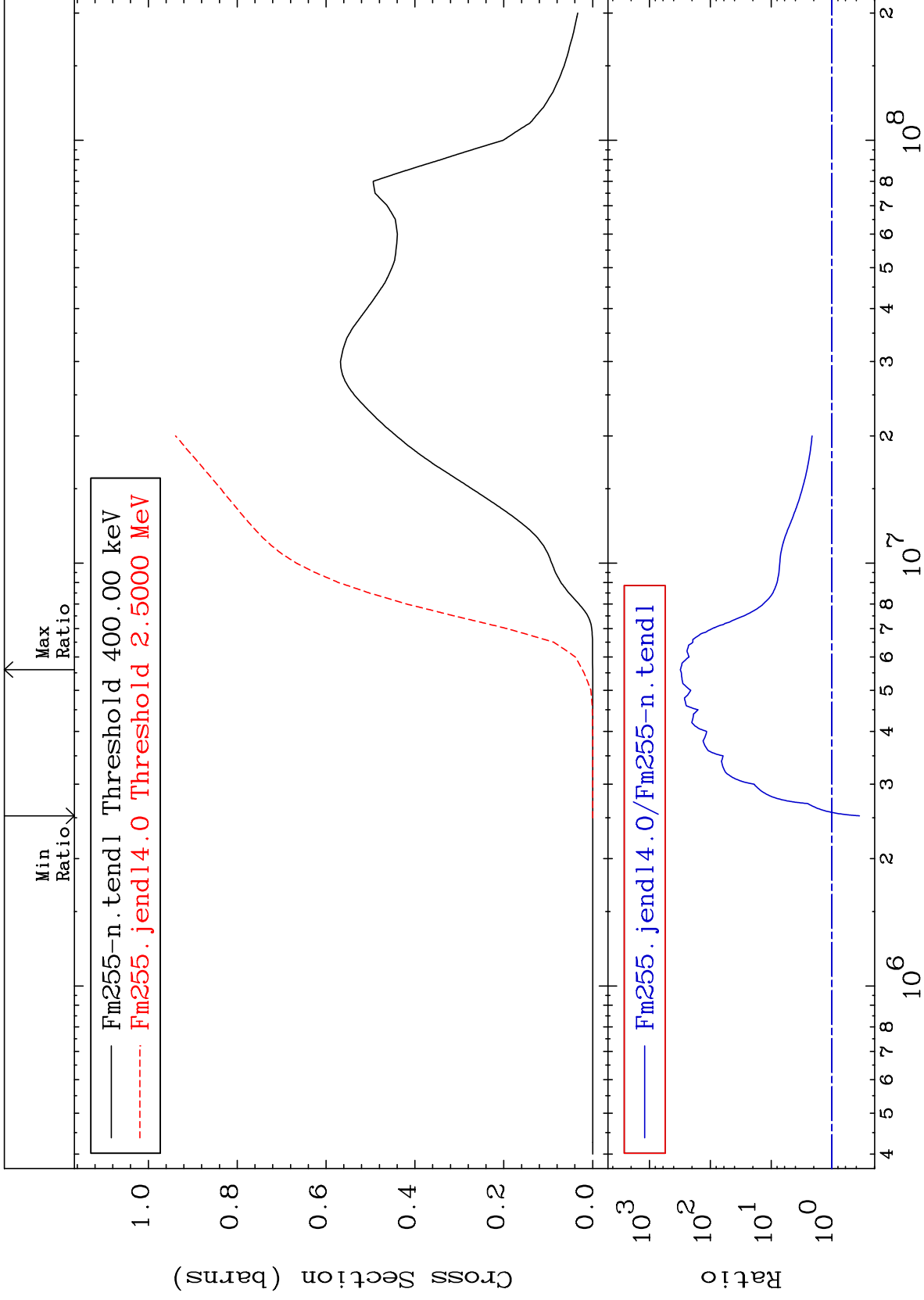
Incident Energy (eV)

100-Fm-255

MAT 9936

(n, nf) Second Chance  
Cross Section

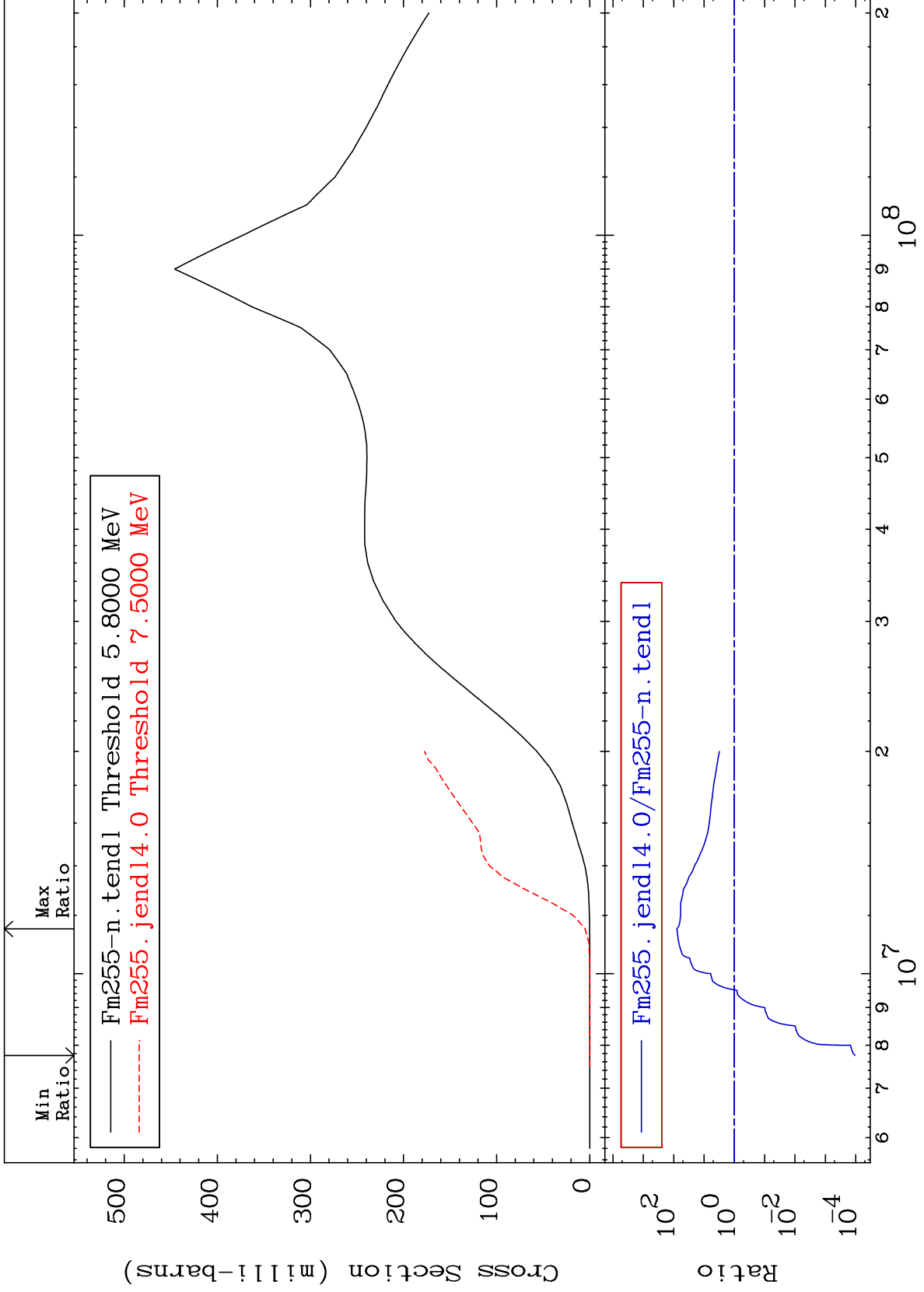
100-Fm-255  
-64.58 To 9999. %



MAT 9936

(n,2nf) Third Chance  
Cross Section

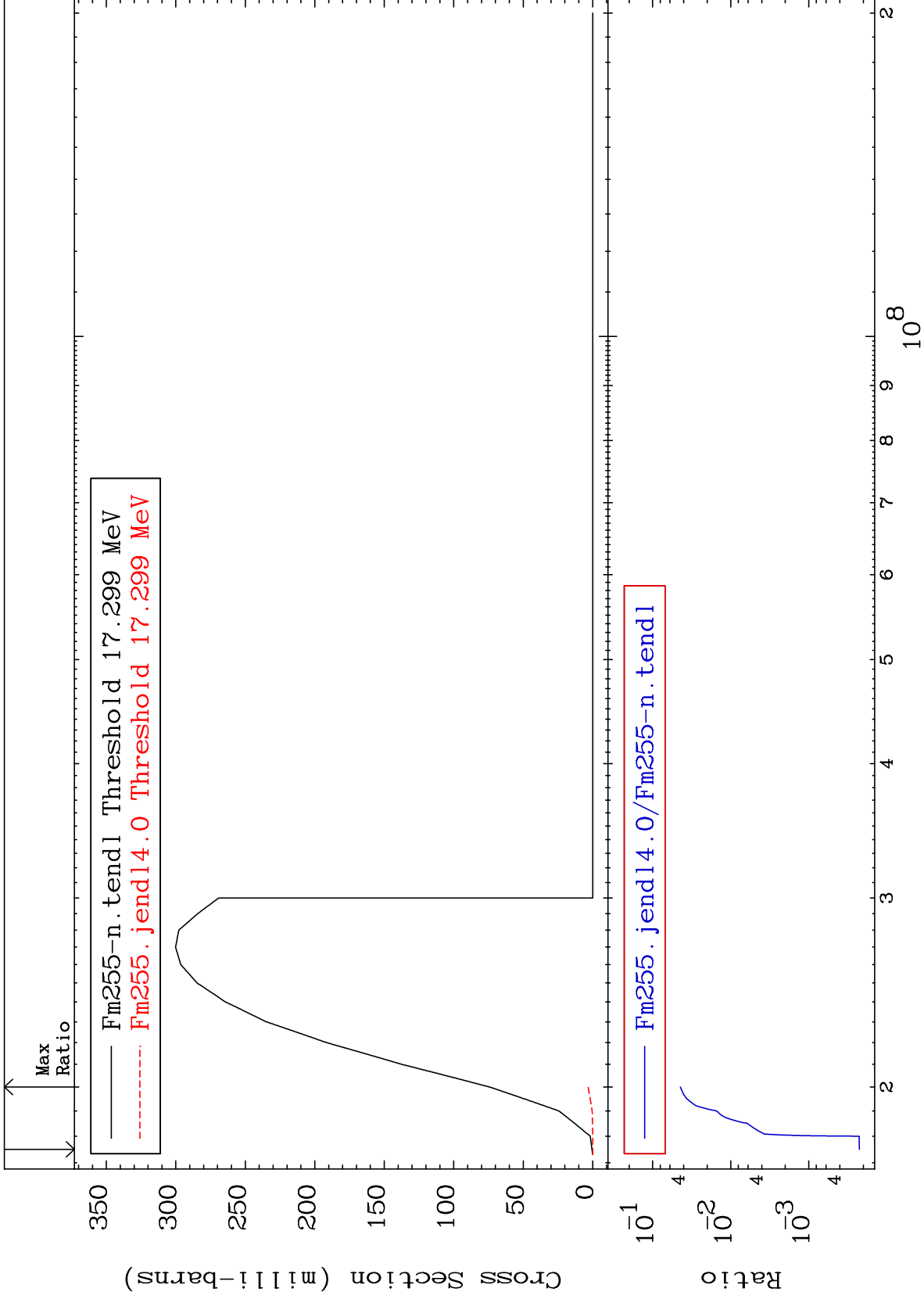
100-Fm-255  
-99.99 To 7712. %



MAT 9936

(n,4n)  
Cross Section

100-Fm-255  
-99.98 To -95.58%



10

Incident Energy (eV)

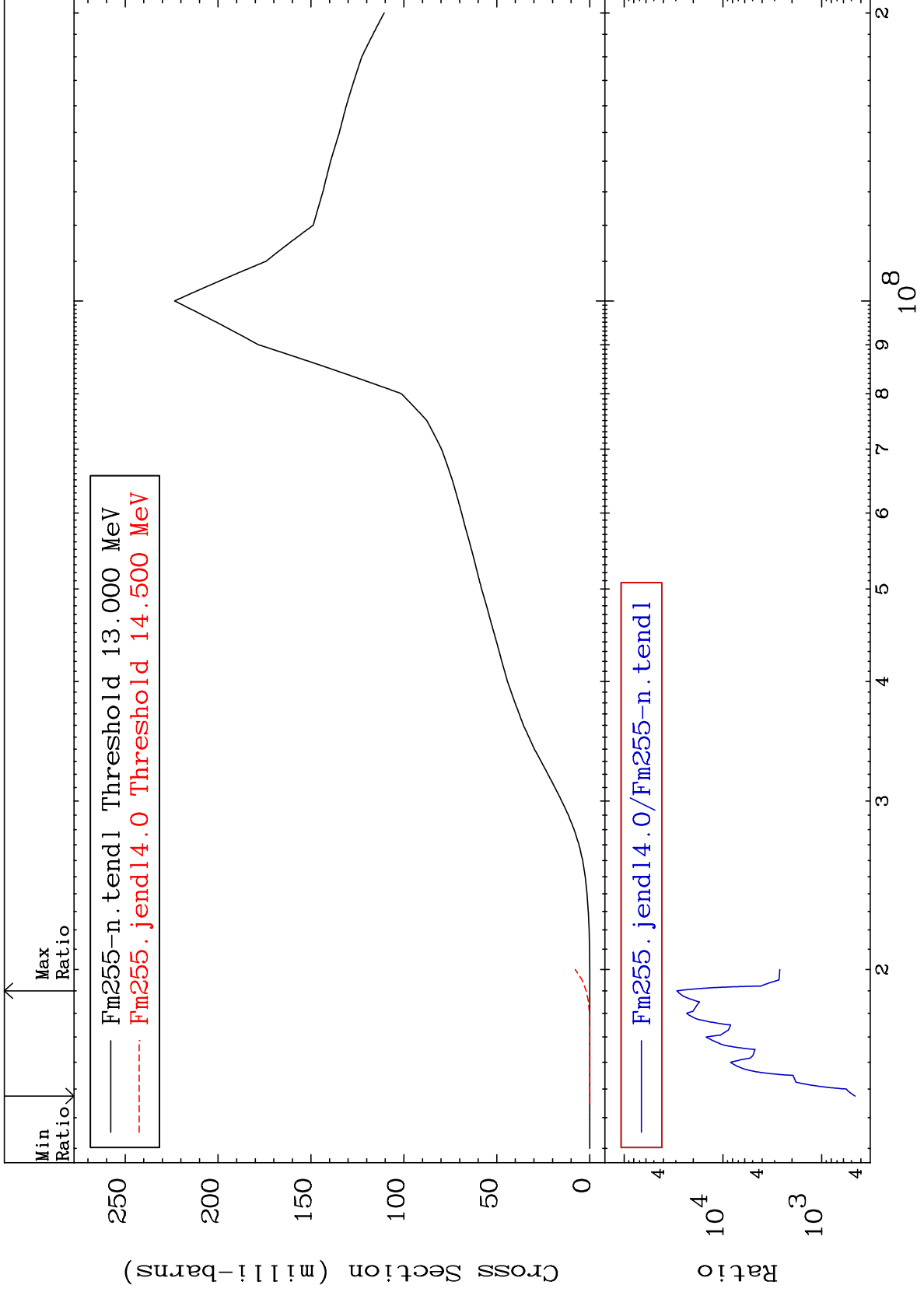
100-Fm-255



MAT 9936

(n,3nf) Fourth Chance  
Cross Section

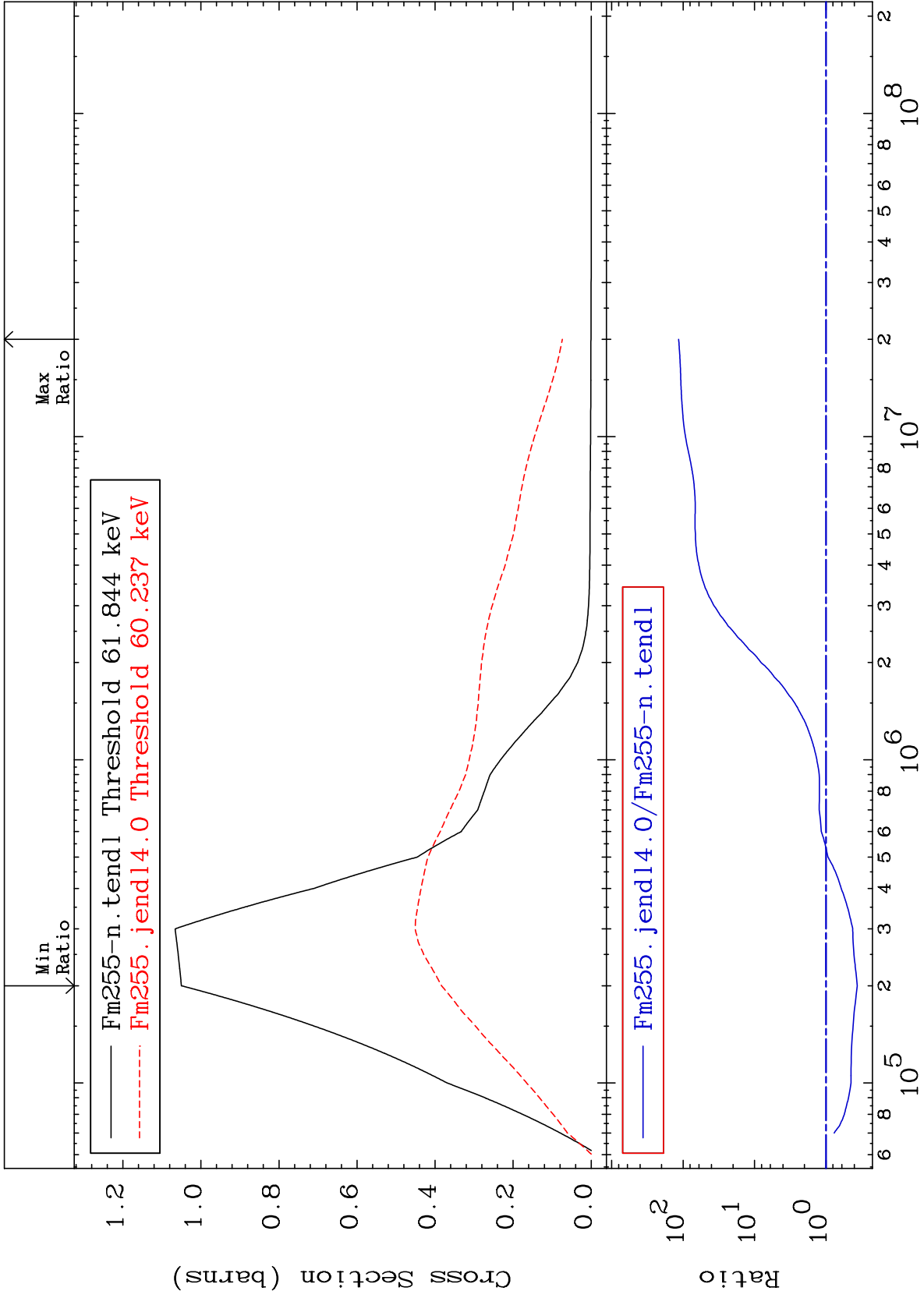
100-Fm-255  
To 9999. %



MAT 9936

61.60 keV (n,n') Level  
Cross Section

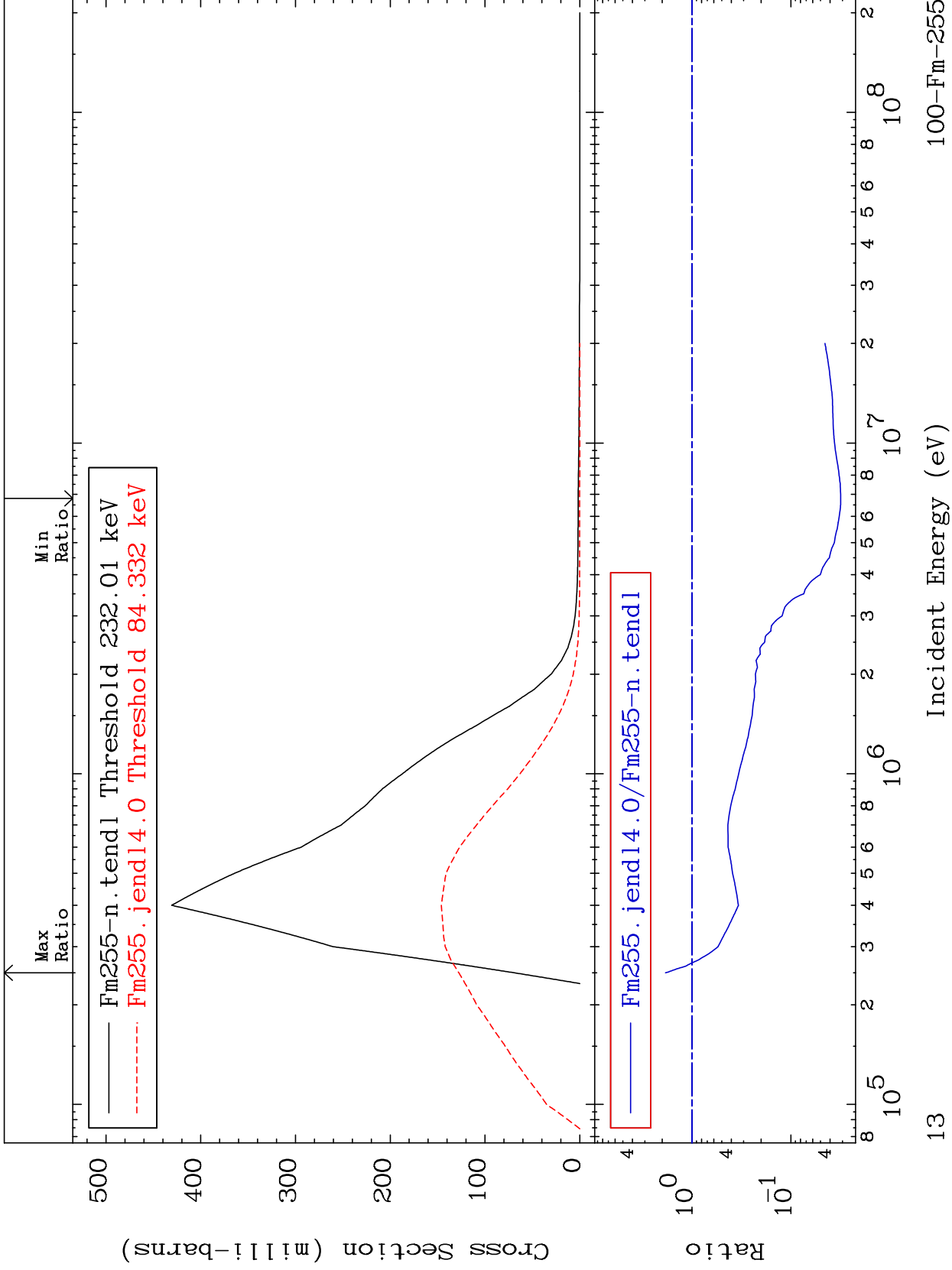
100-Fm-255  
-63.47 To 9999. %



MAT 9936

231.1 keV (n,n') Level  
Cross Section

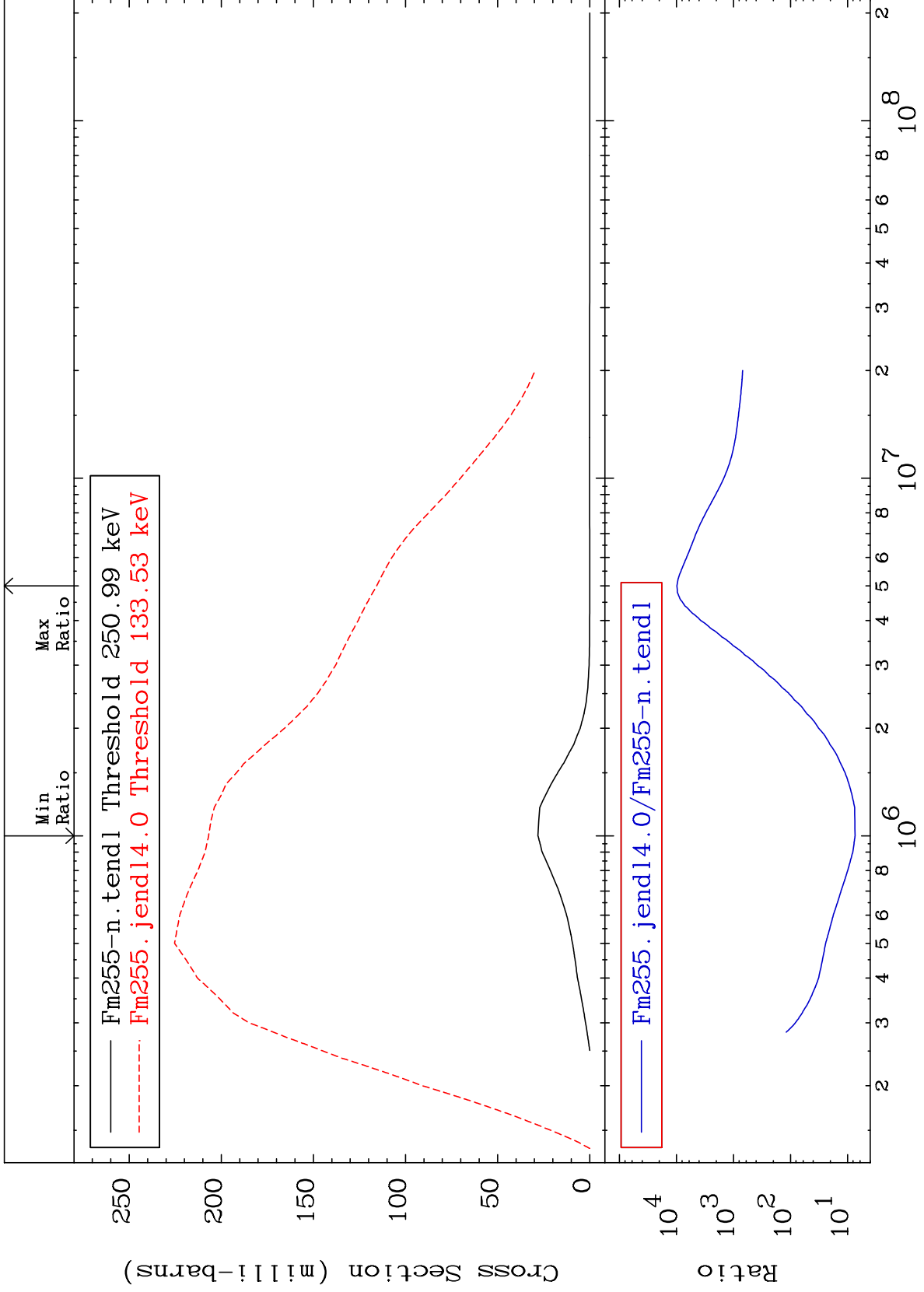
100-Fm-255  
-96.87 To 85.19 %



MAT 9936

250.0 keV (n,n') Level  
Cross Section

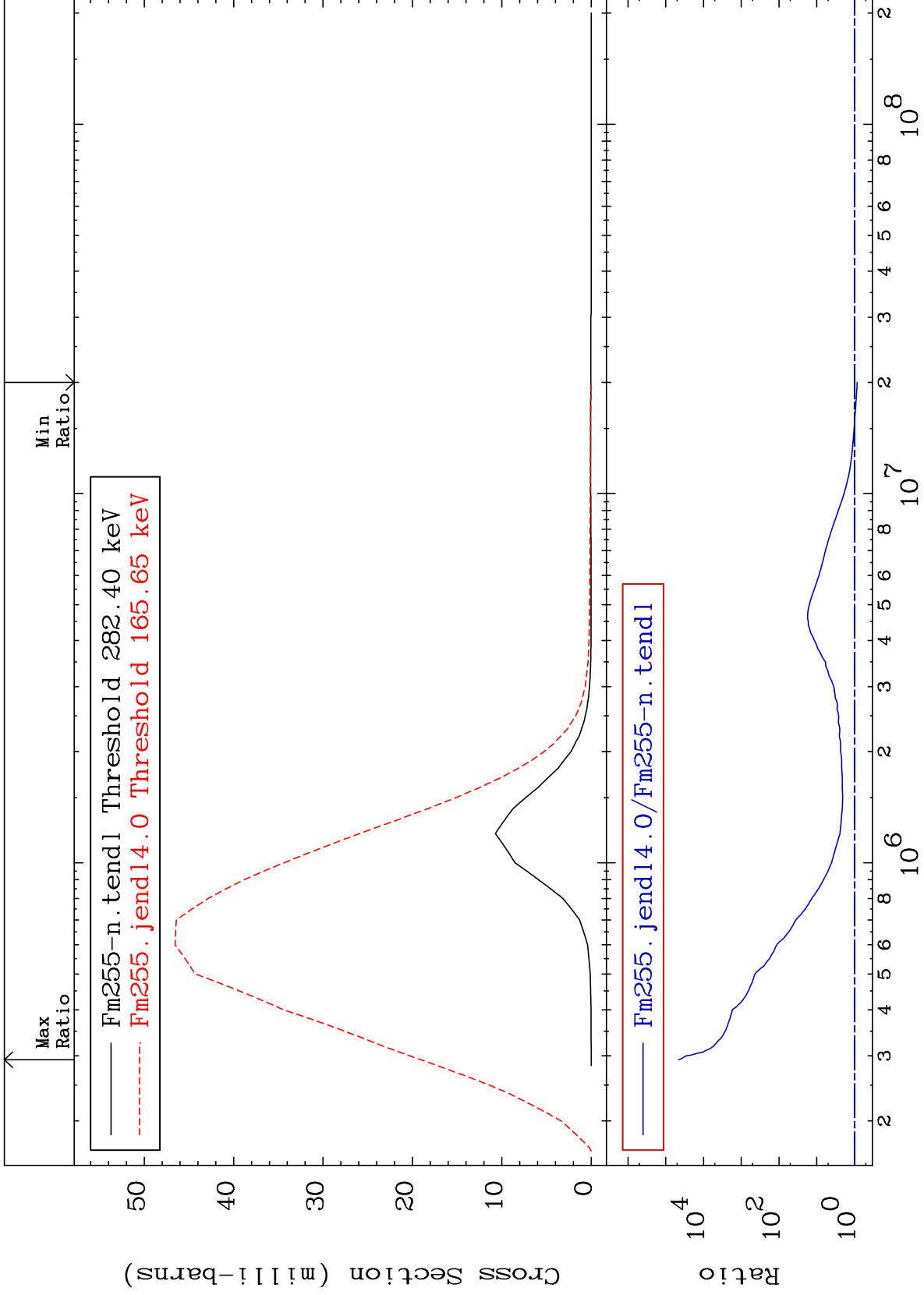
100-Fm-255  
636.5 To 9999. %



MAT 9936

281.3 keV (n,n') Level  
Cross Section

100-Fm-255  
-15.53 To 9999. %



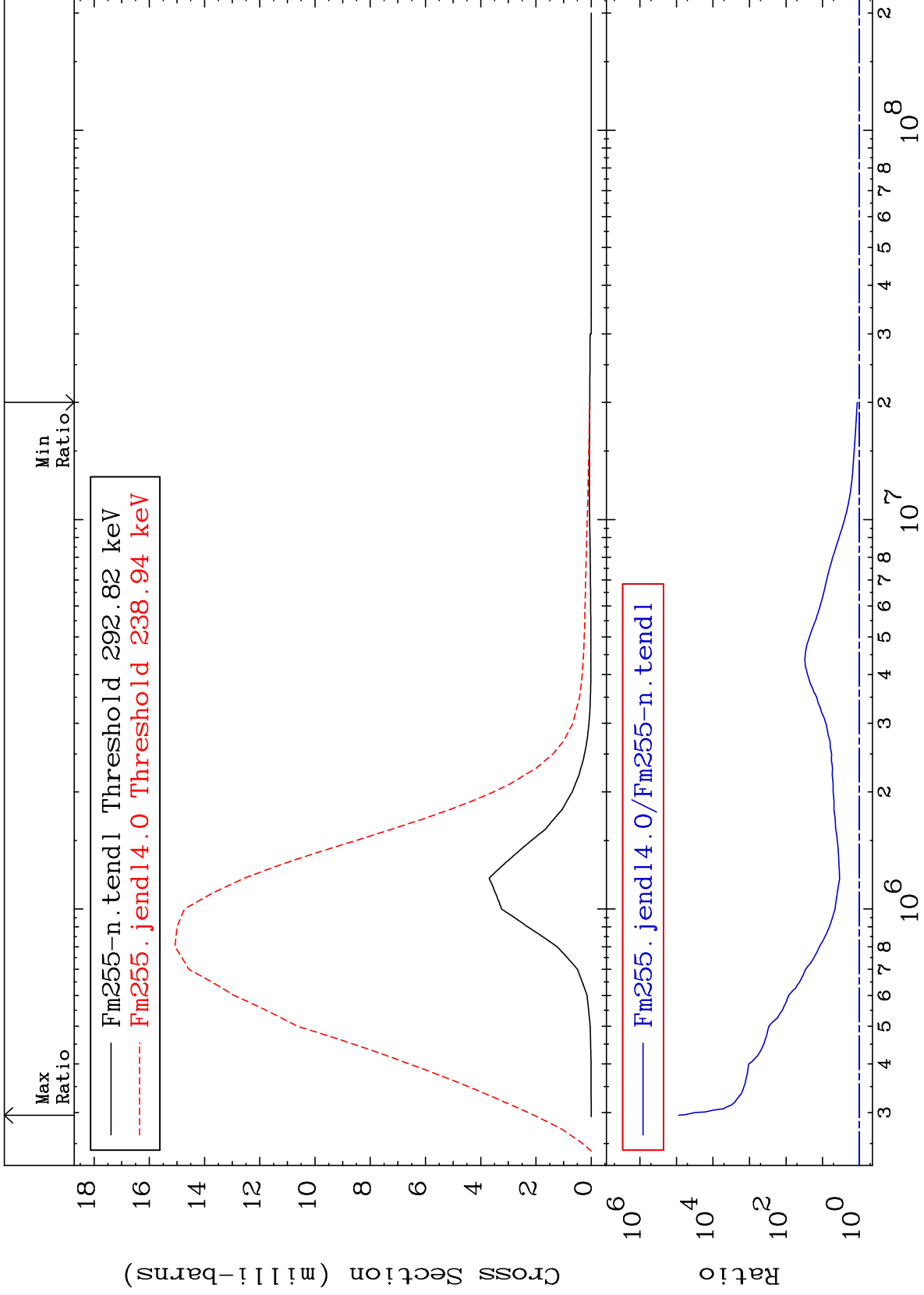
15

100-Fm-255

MAT 9936

291.7 keV (n,n') Level  
Cross Section

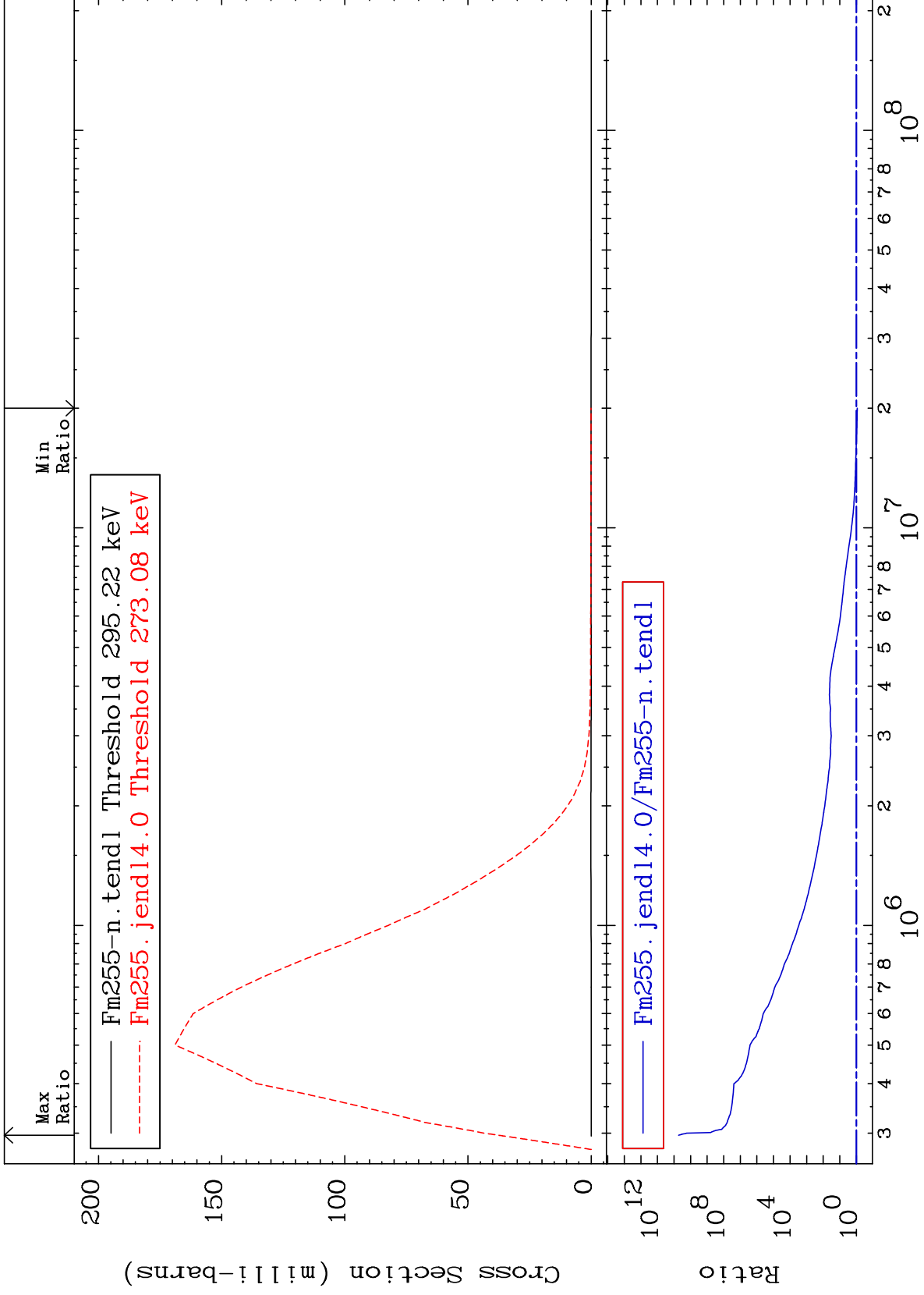
100-Fm-255  
12.24 To 9999. %



MAT 9936

294.1 keV (n,n') Level  
Cross Section

100-Fm-255  
-11.98 To 9999. %



17

Incident Energy (eV)

100-Fm-255

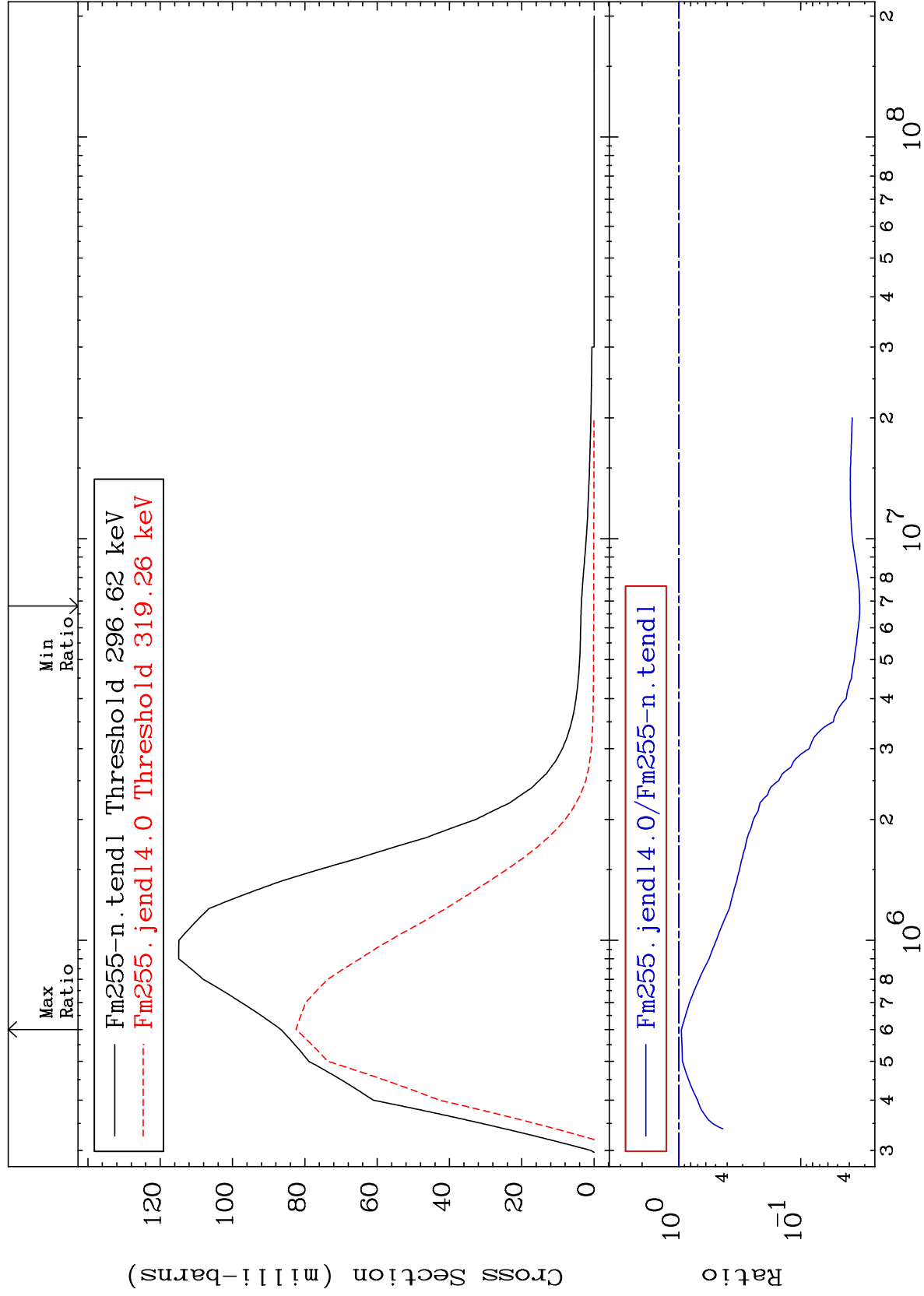
MAT 9936

295.5 keV (n,n') Level

100-Fm-255

-96.71 To -4.814%

Cross Section



18

Incident Energy (eV)

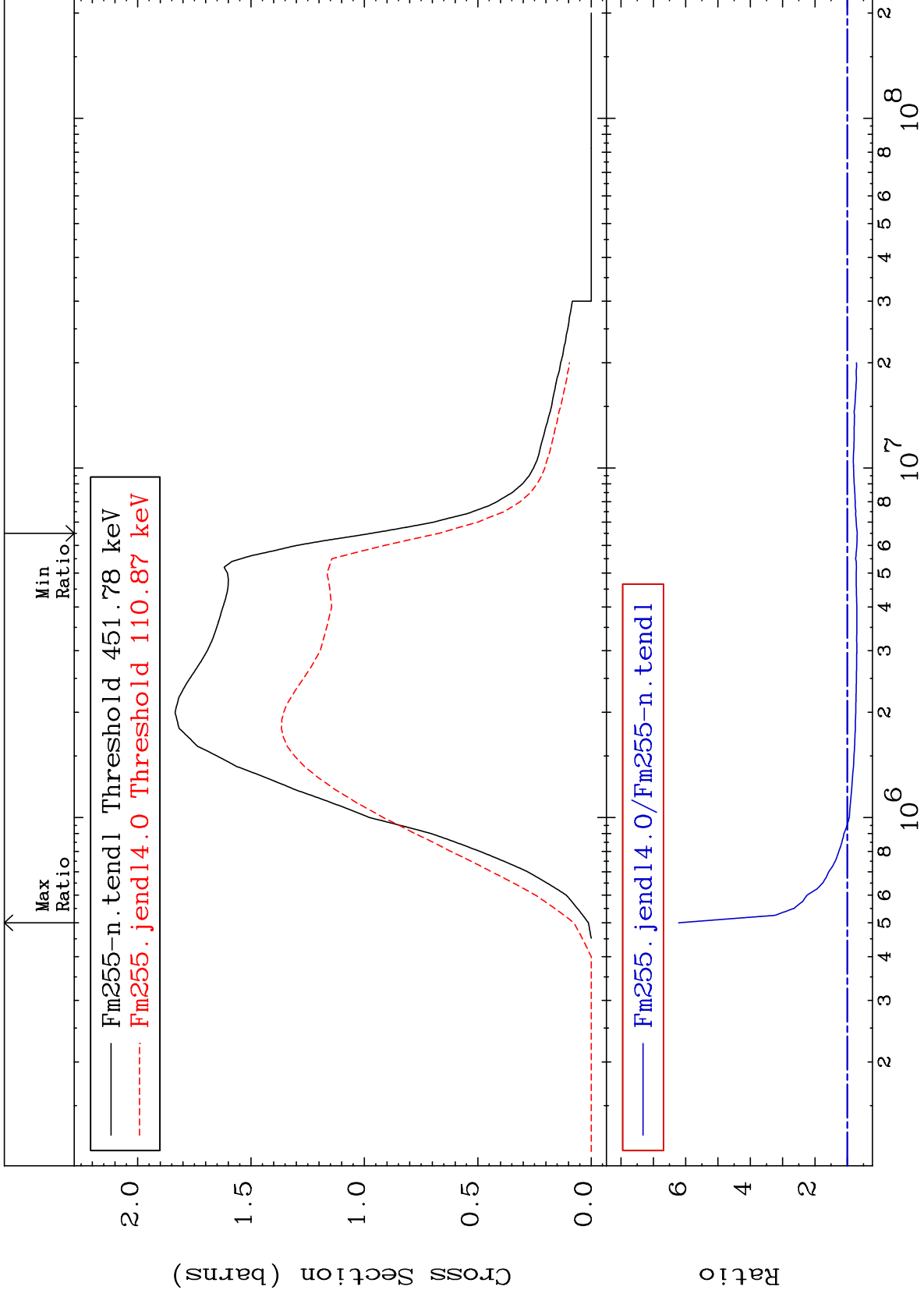
100-Fm-255



MAT 9936

(n, n') Continuum  
Cross Section

100-Fm-255  
-30.92 To 521.8 %



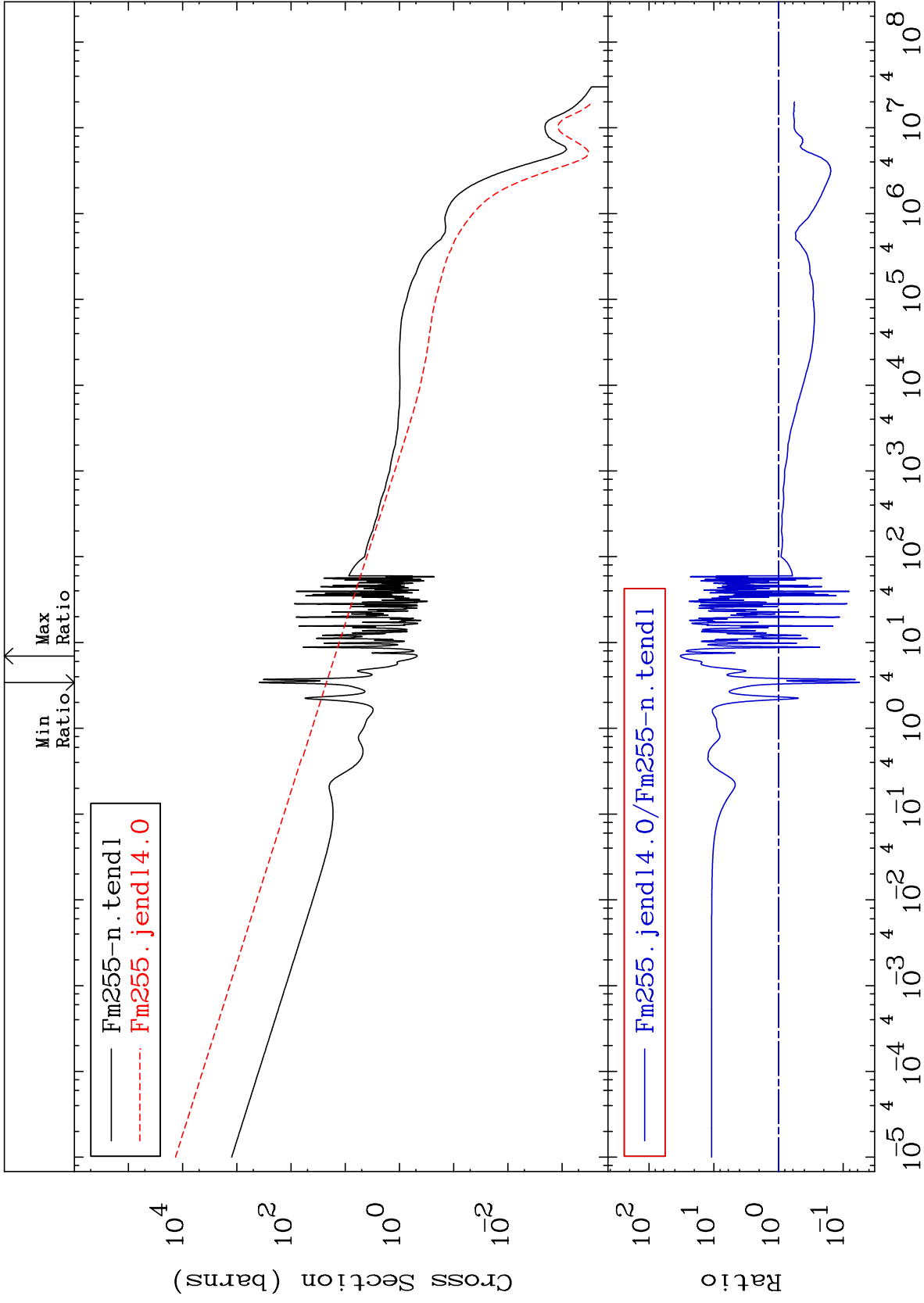
19

Incident Energy (eV)

100-Fm-255

MAT 9936

(n,  $\gamma$ )  
Cross Section  
100-Fm-255  
-94.38 To 3190. %



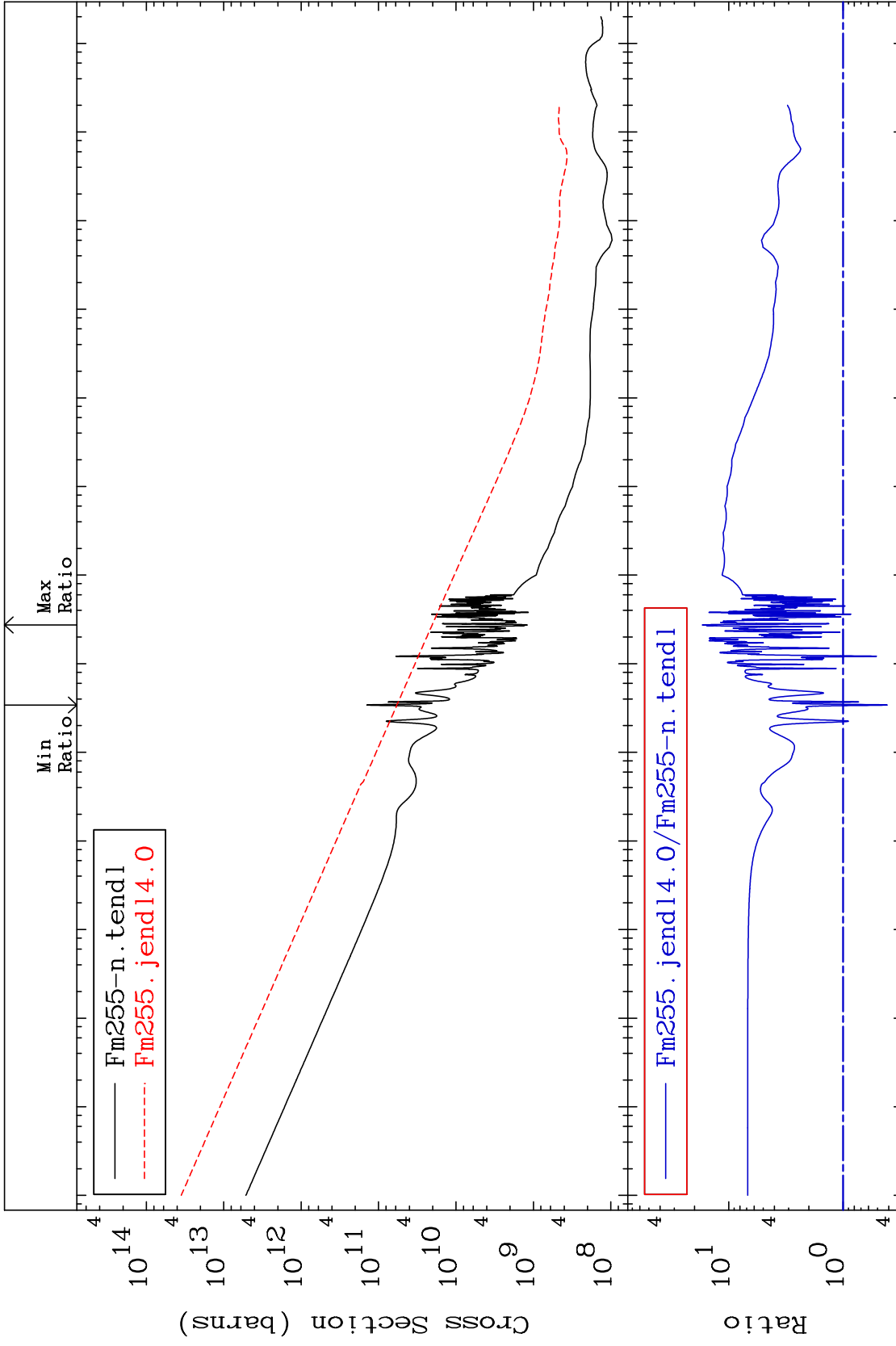
MAT 9936

Kerma total (eV-barns)

100-Fm-255

-59.01 To 1599. %

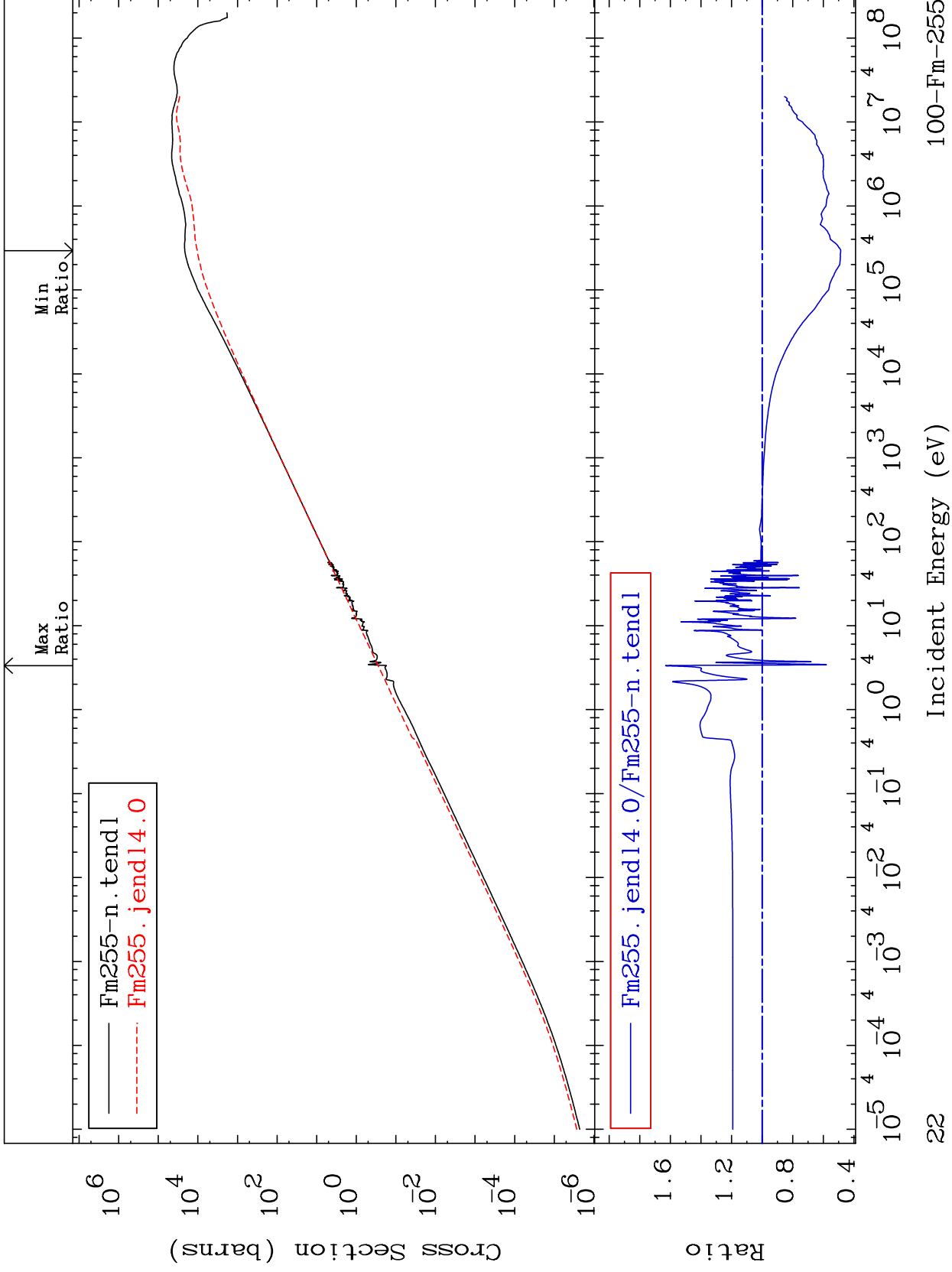
Cross Section



MAT 9936

Kerma elastic  
Cross Section

100-Fm-255  
-51.37 To 63.19 %



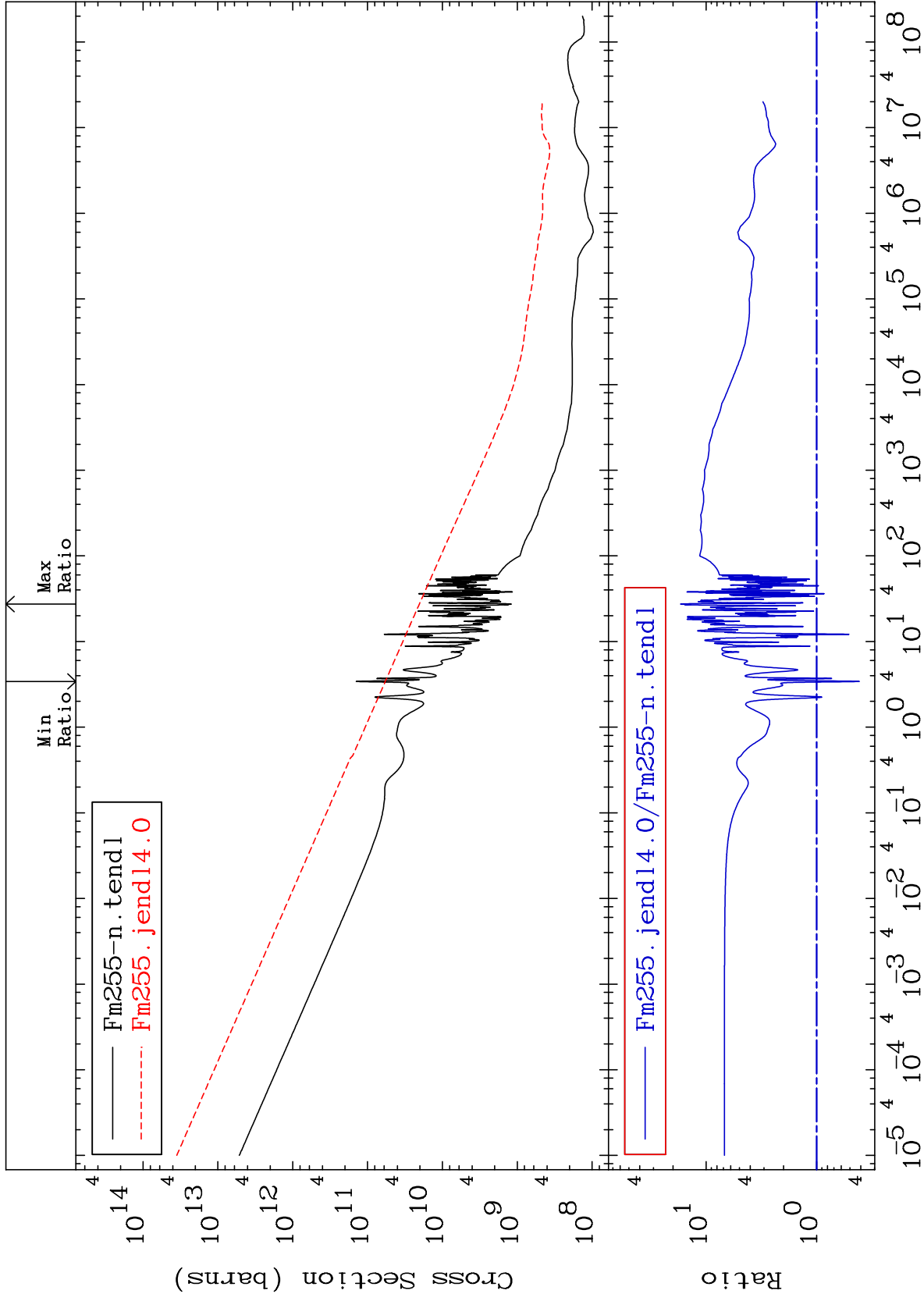
MAT 9936

Kerma non-elastic (all but mt2)

100-Fm-255

-59.01 To 1599. %

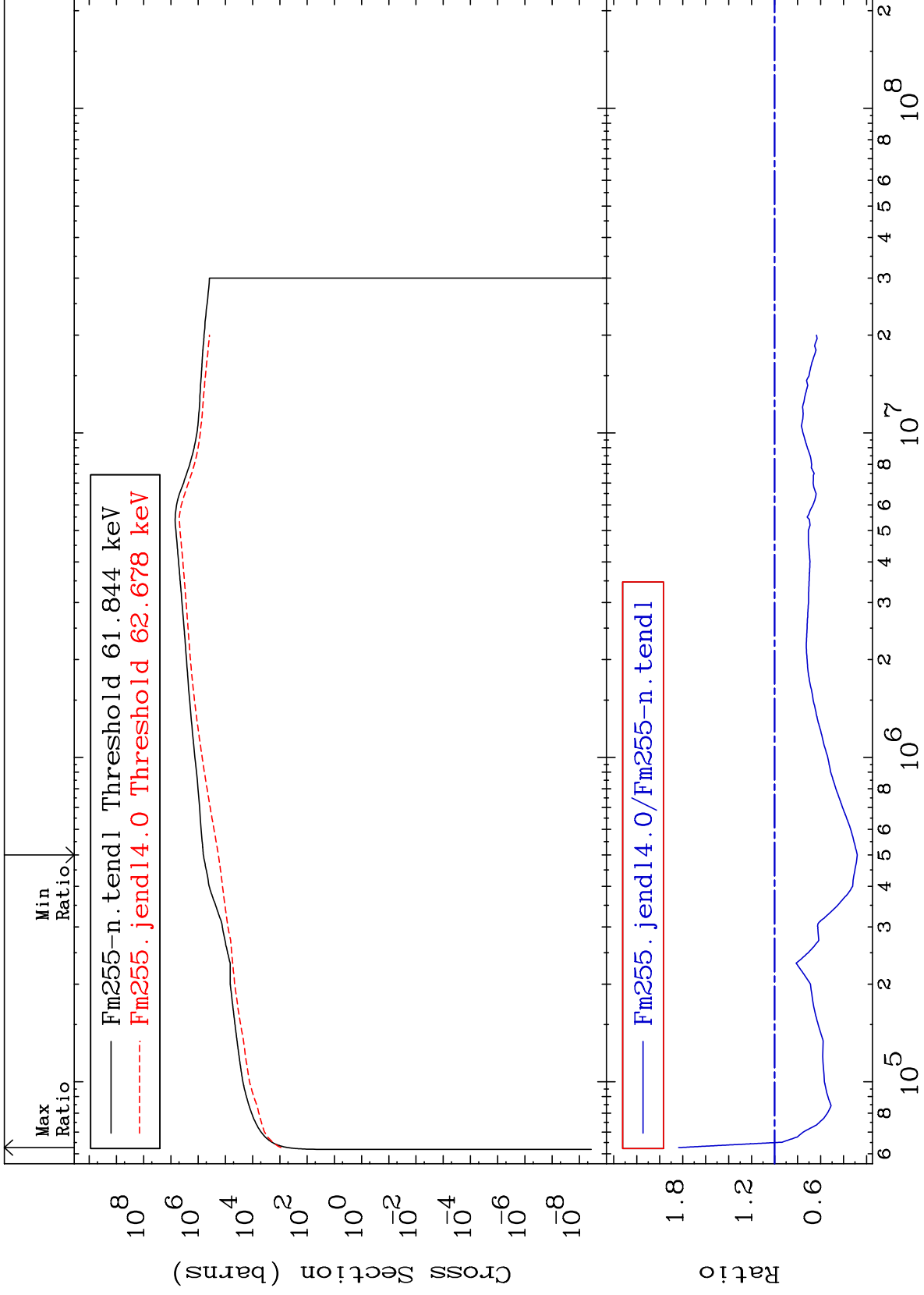
Cross Section



MAT 9936

Kerma inelastic (mt51-91)  
Cross Section

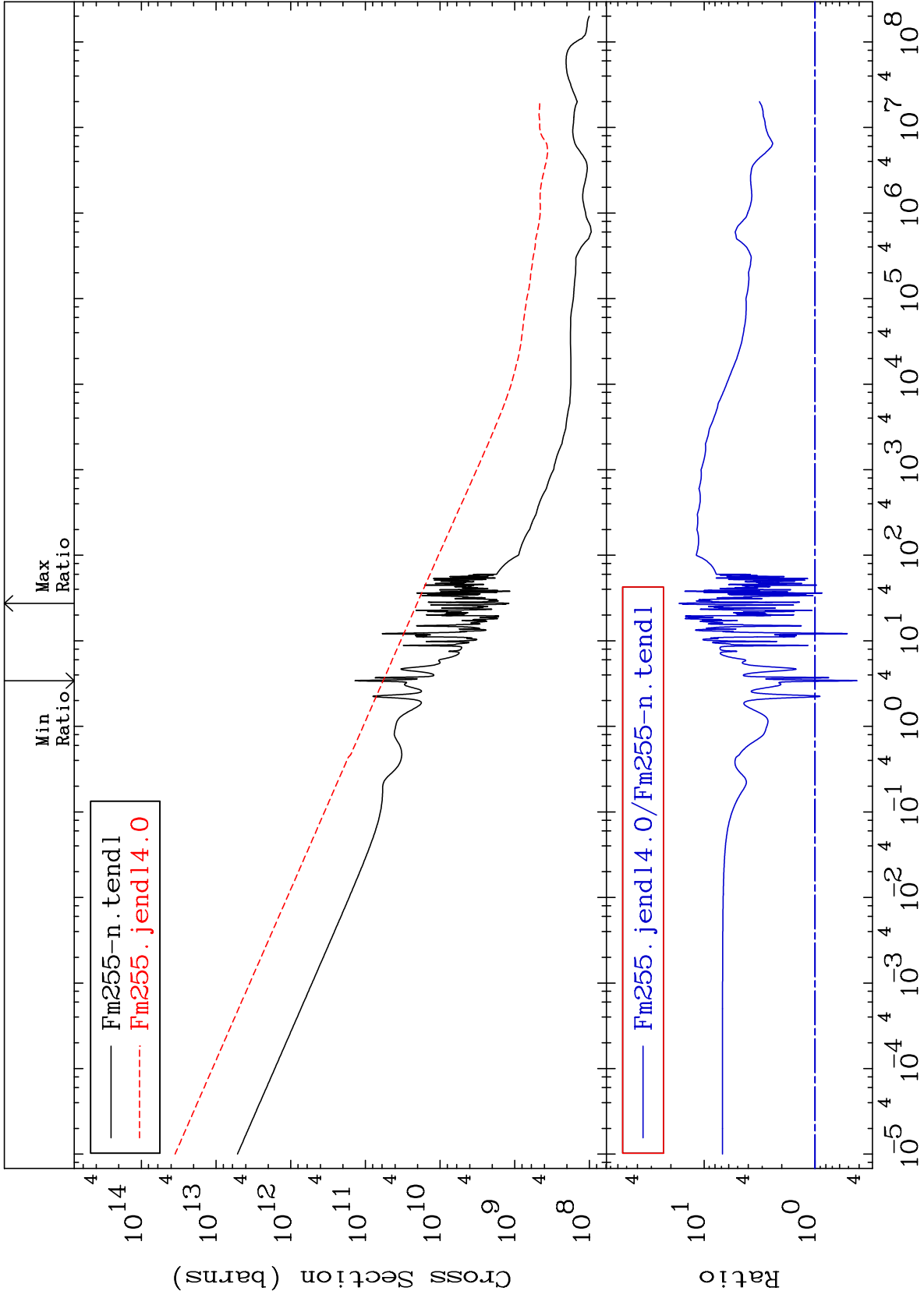
100-Fm-255  
-71.95 To 83.51 %



MAT 9936

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

100-Fm-255  
-58.36 To 1600. %



25

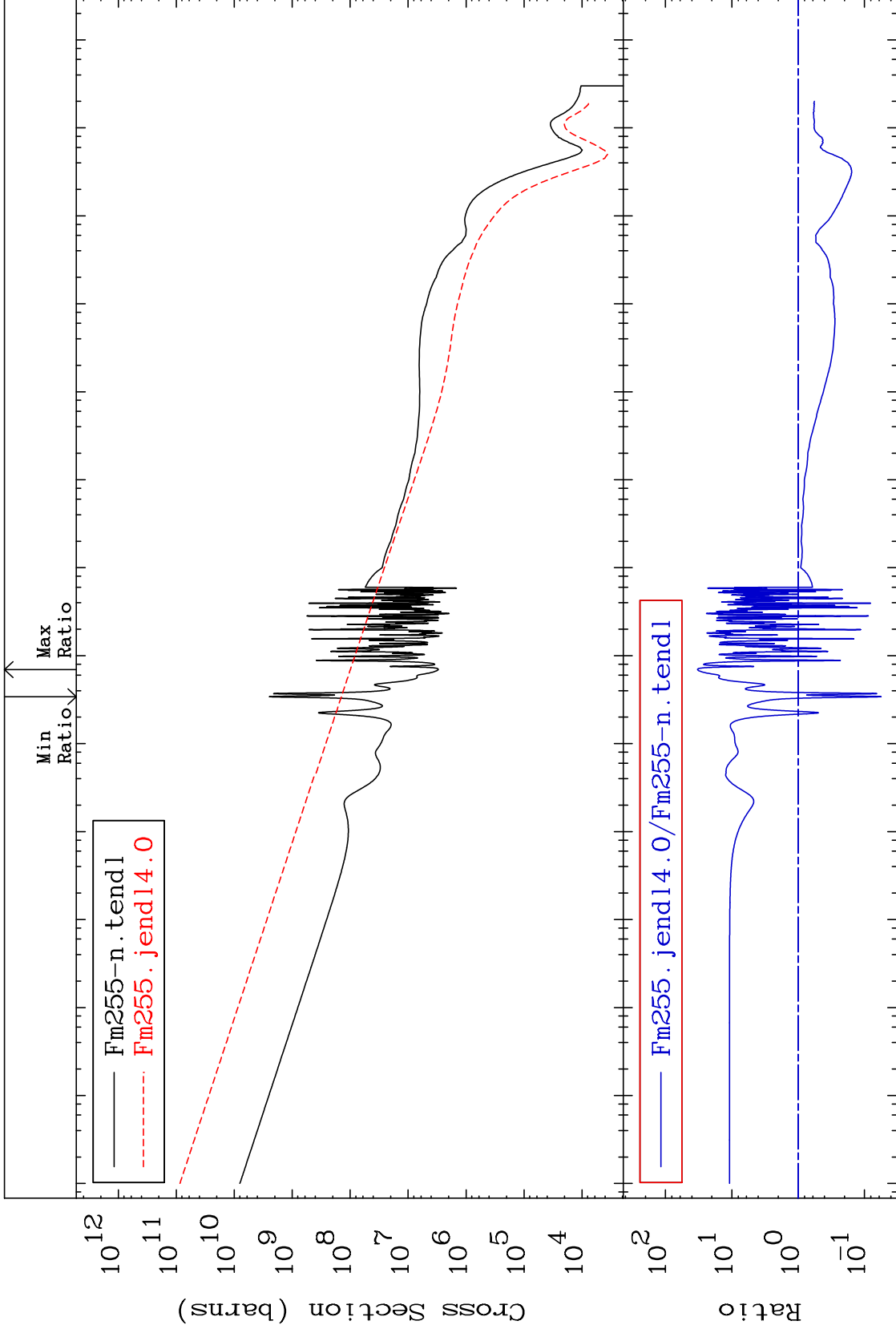
Incident Energy (eV)

100-Fm-255

MAT 9936

Kerma capture (mt102)  
Cross Section

100-Fm-255  
-94.38 To 3187. %

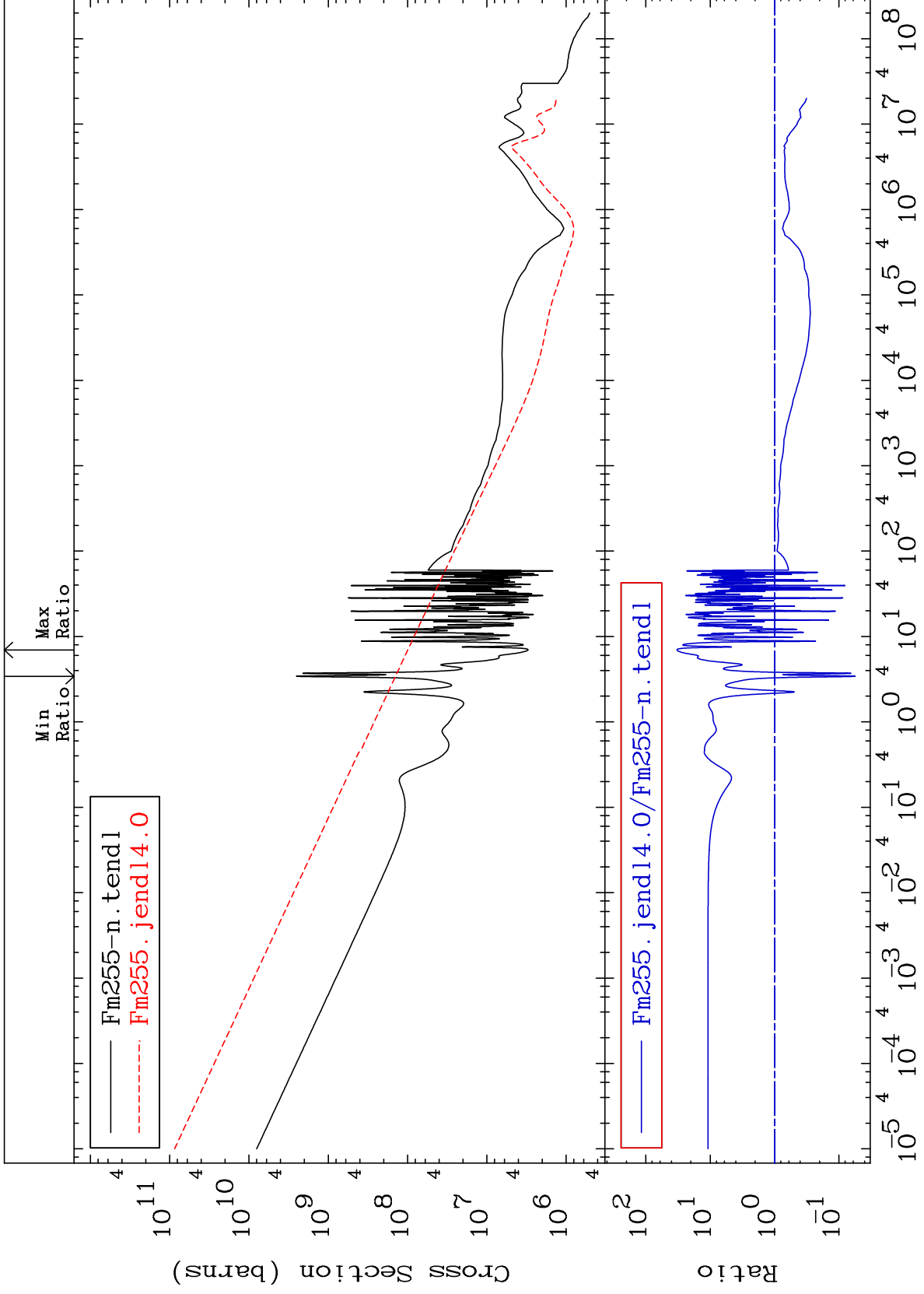




MAT 9936

Total photon (eV-barns)  
Cross Section

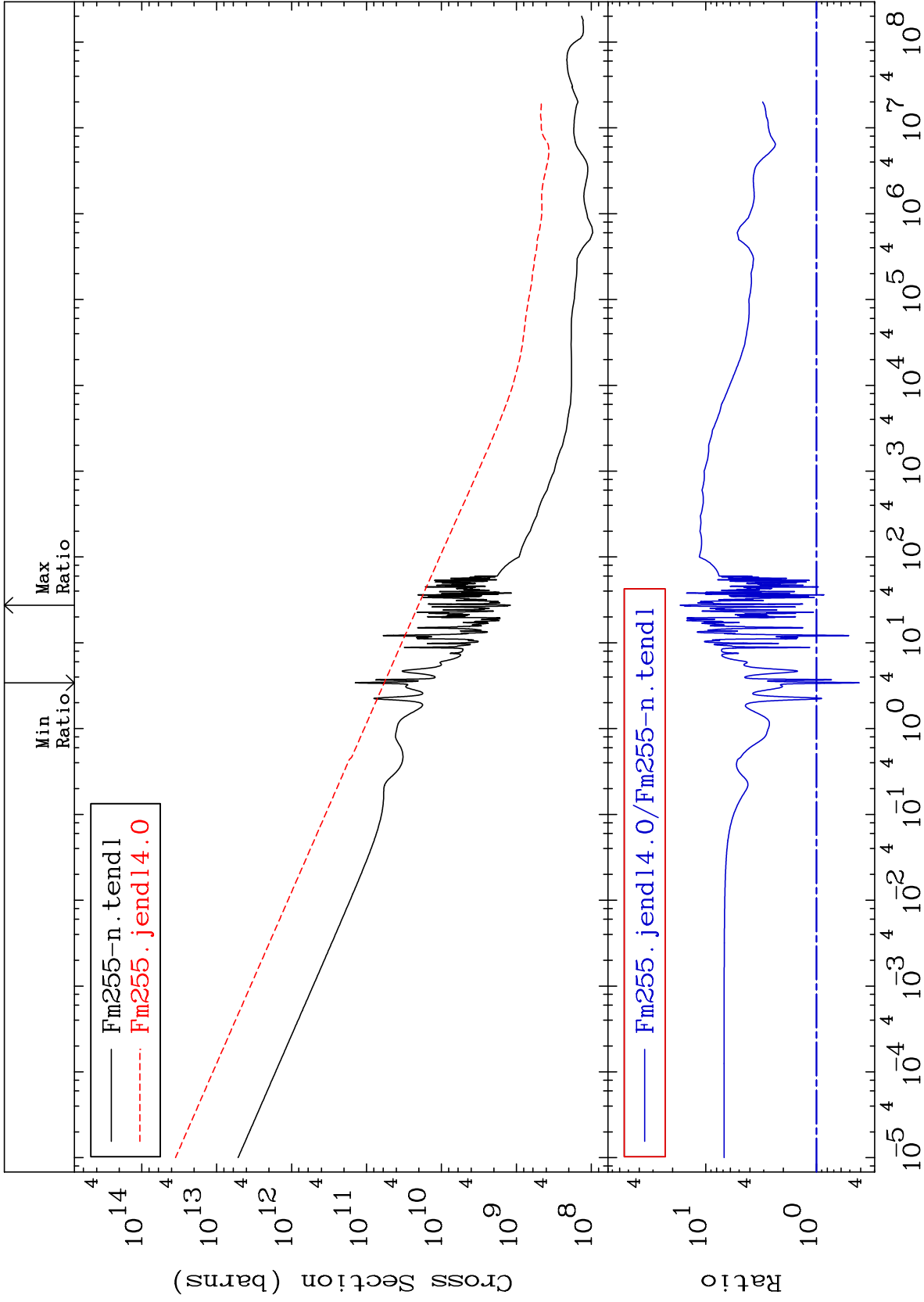
100-Fm-255  
-94.38 To 3185. %



MAT 9936

Total kinematic kerma (high limit)  
Cross Section

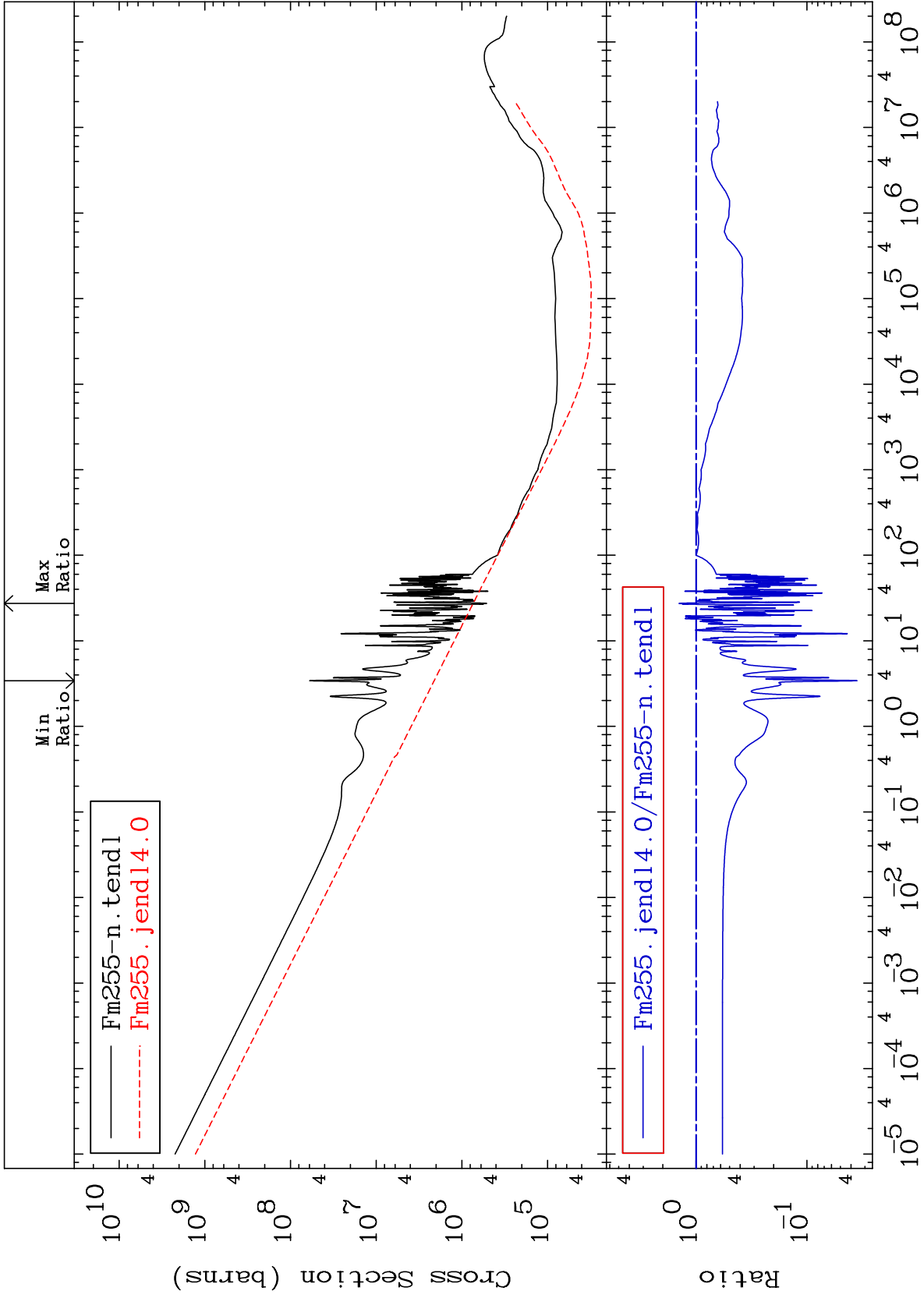
100-Fm-255  
-59.01 To 1599. %



MAT 9936

Dpa total (eV-barns)  
Cross Section

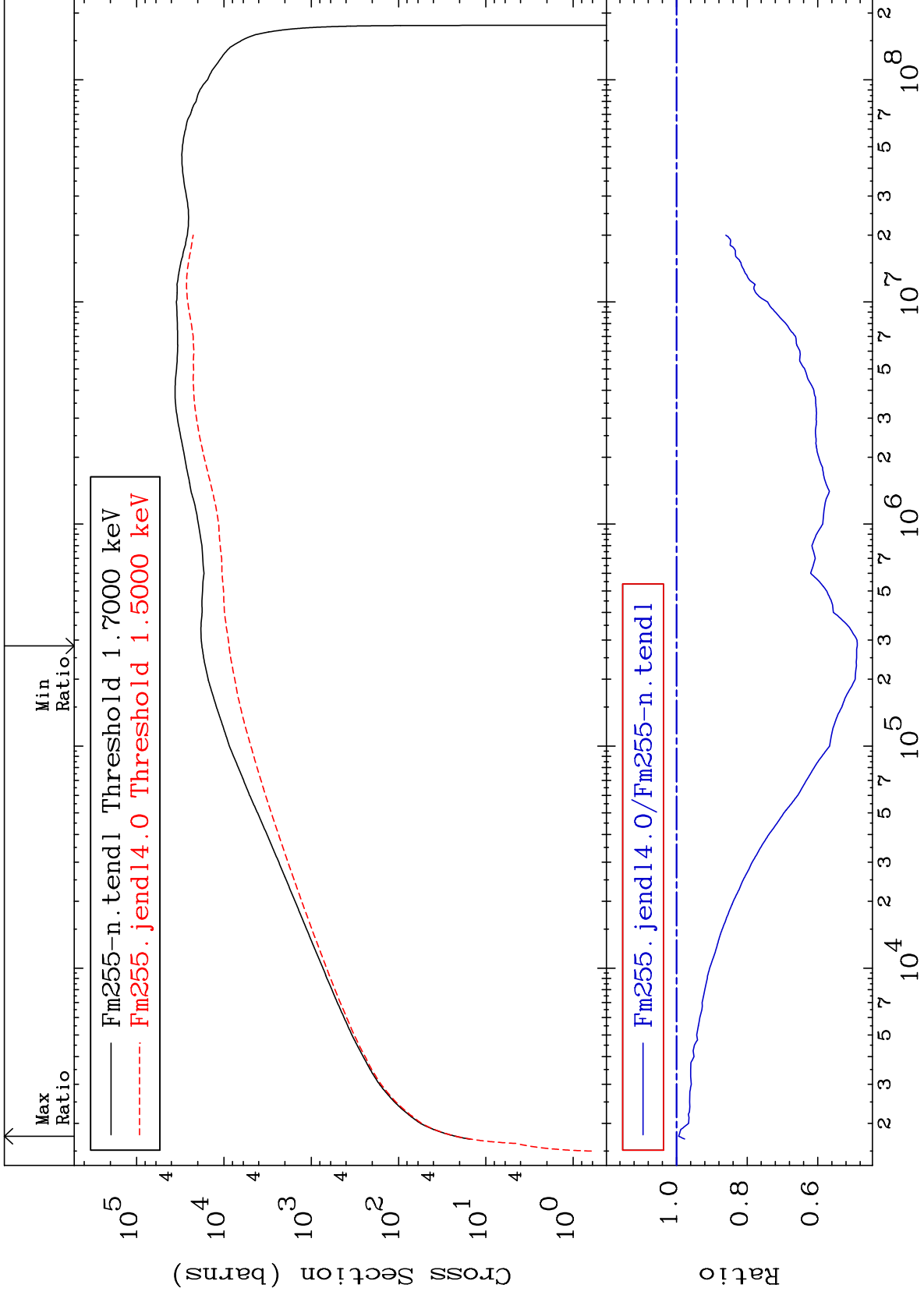
100-Fm-255  
-96.48 To 43.68 %



MAT 9936

Dpa elastic (mt2)  
Cross Section

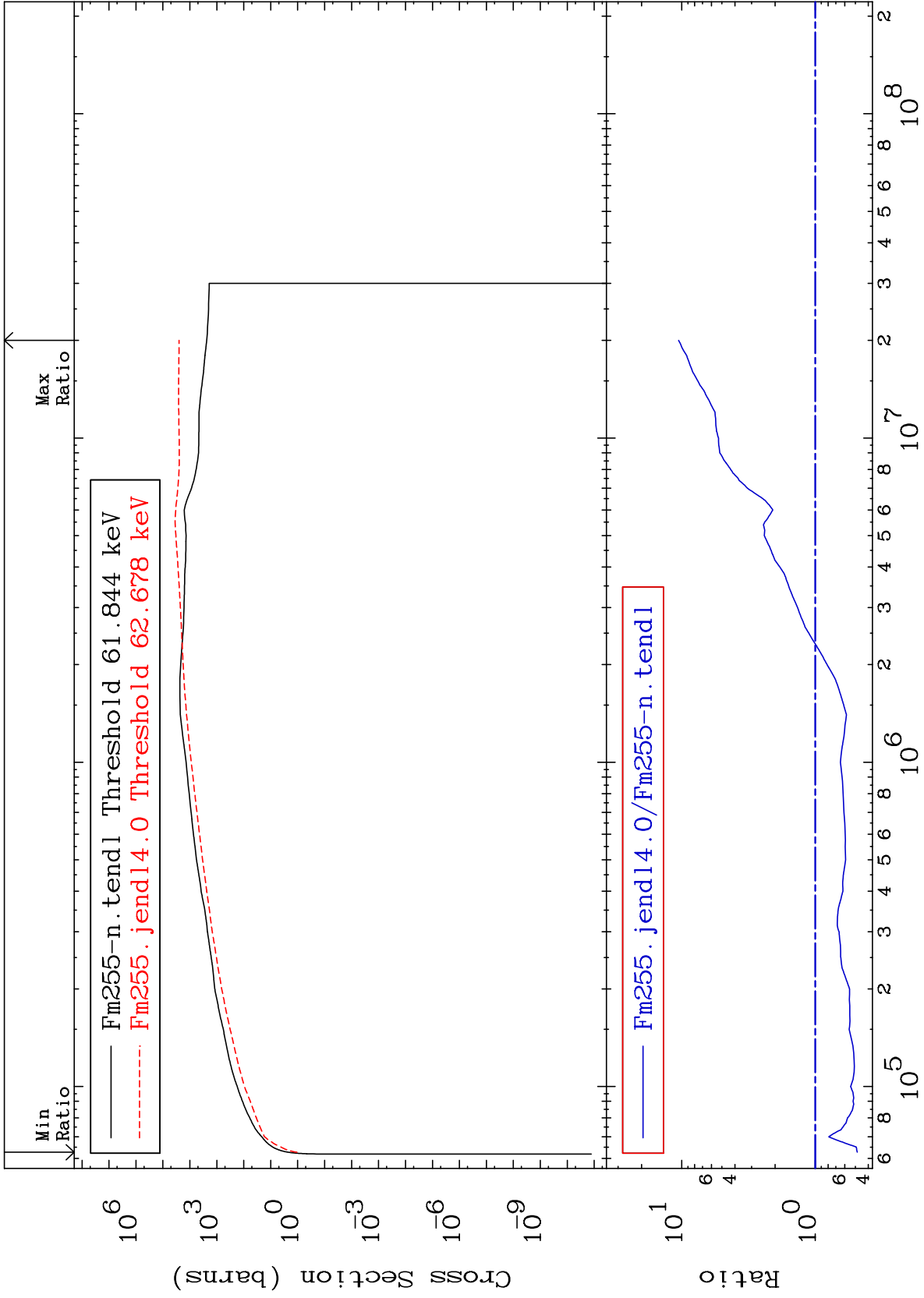
100-Fm-255  
-51.18 To -0.608%



MAT 9936

Dpa inelastic (mt51-91)  
Cross Section

100-Fm-255  
-51.58 To 955.4 %



MAT 9936

Dpa disappearance (mt102 -120)  
Cross Section

100-Fm-255  
-100.0 To 840.6 %

