

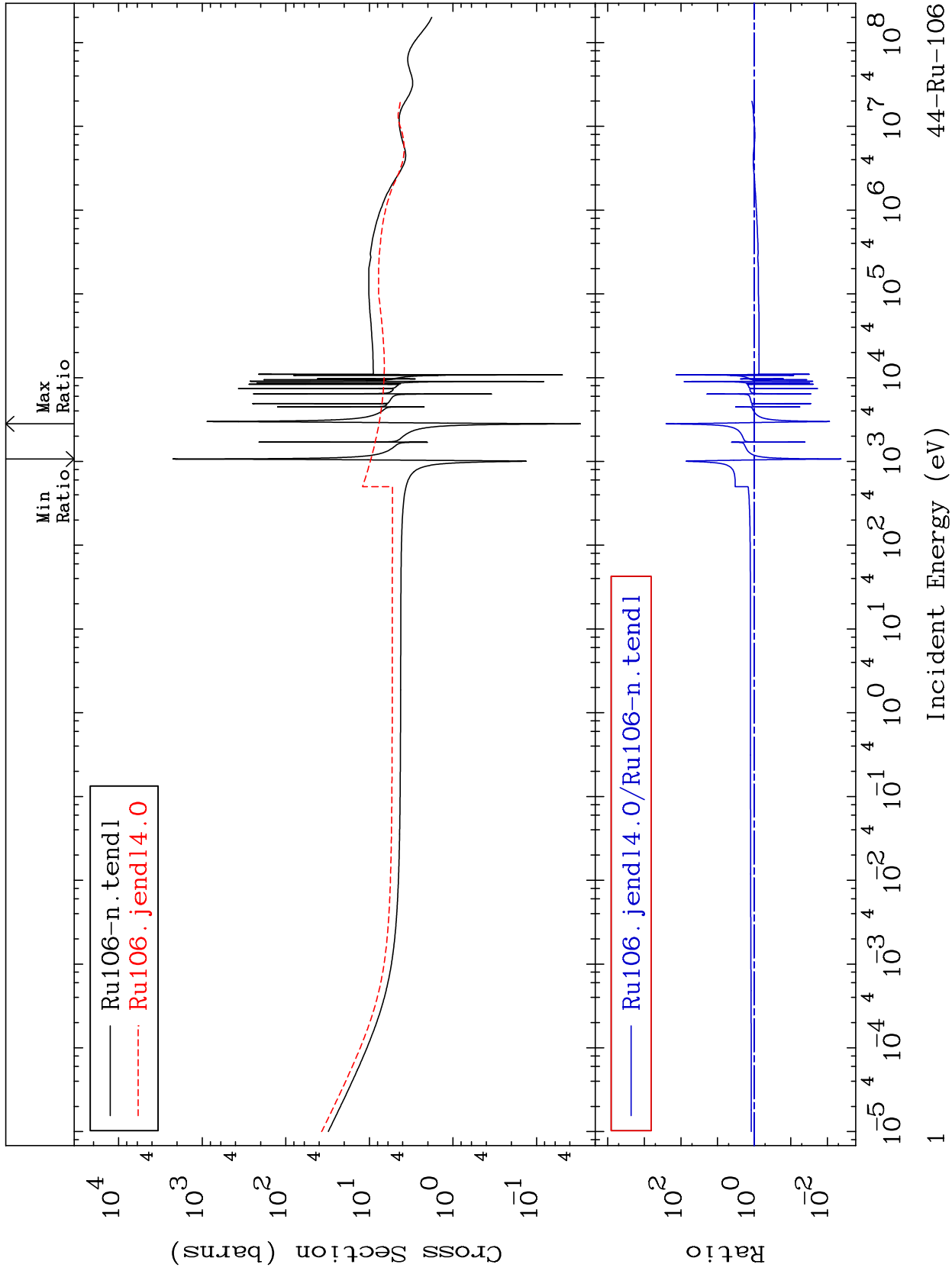
MAT 4455

Total

44-Ru-106

Cross Section

-99.57 To 9999. %



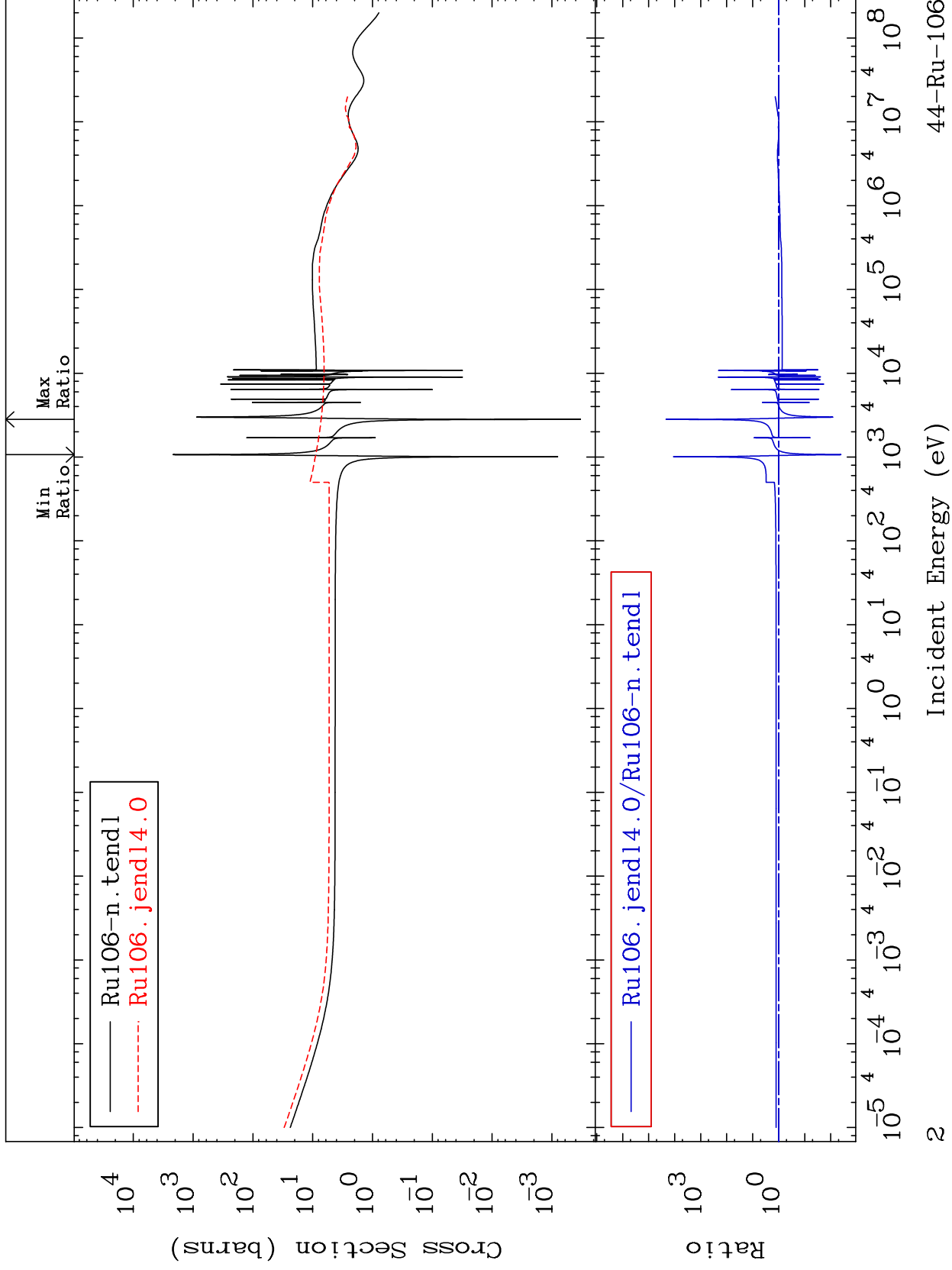
Incident Energy (eV)

44-Ru-106

MAT 4455

Elastic  
Cross Section

44-Ru-106  
-99.59 To 9999. %



2

Incident Energy (eV)

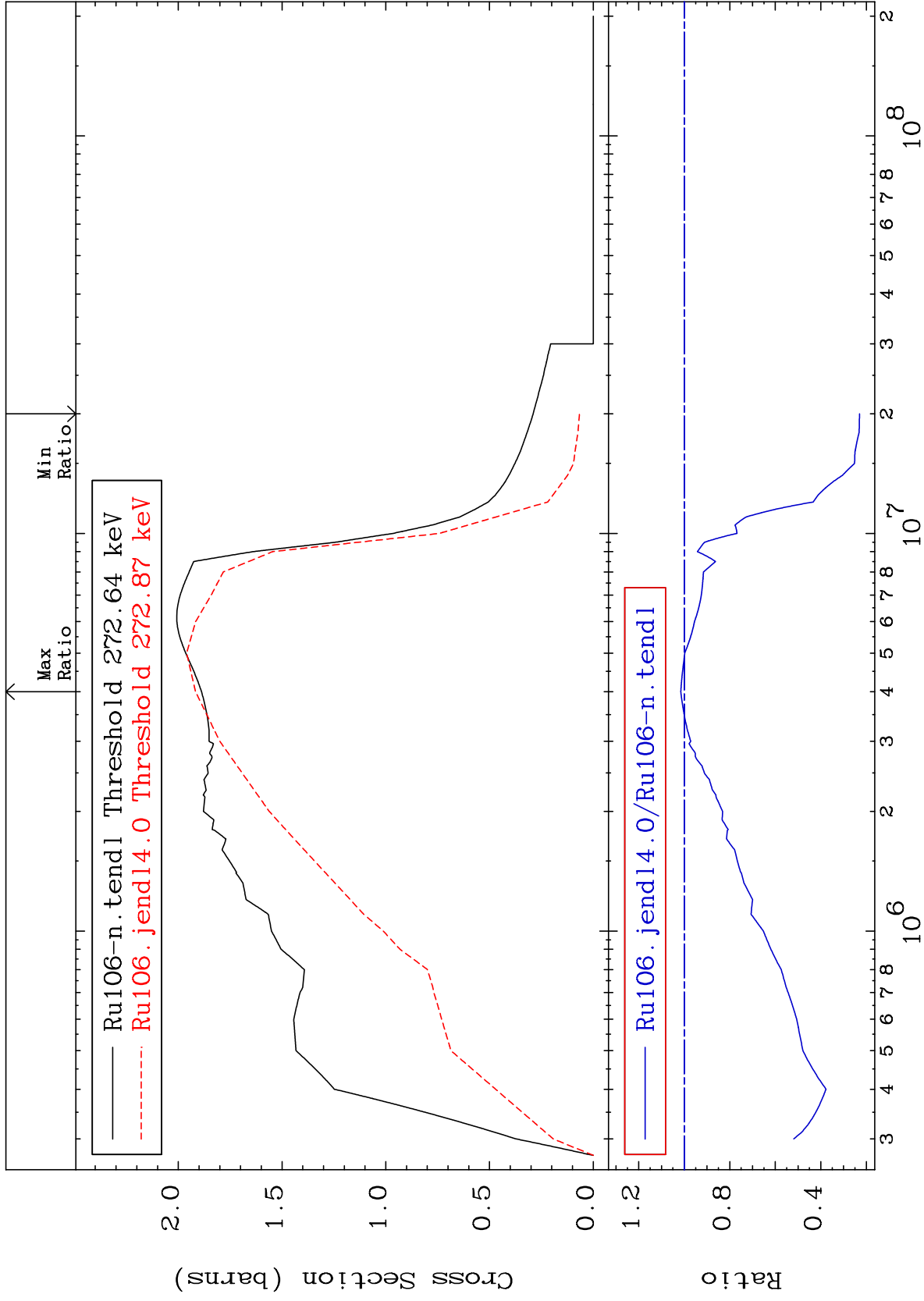
44-Ru-106

MAT 4455

44-Ru-106

-77.00 To 1.526 %

Inelastic  
Cross Section



3

Incident Energy (eV)

44-Ru-106

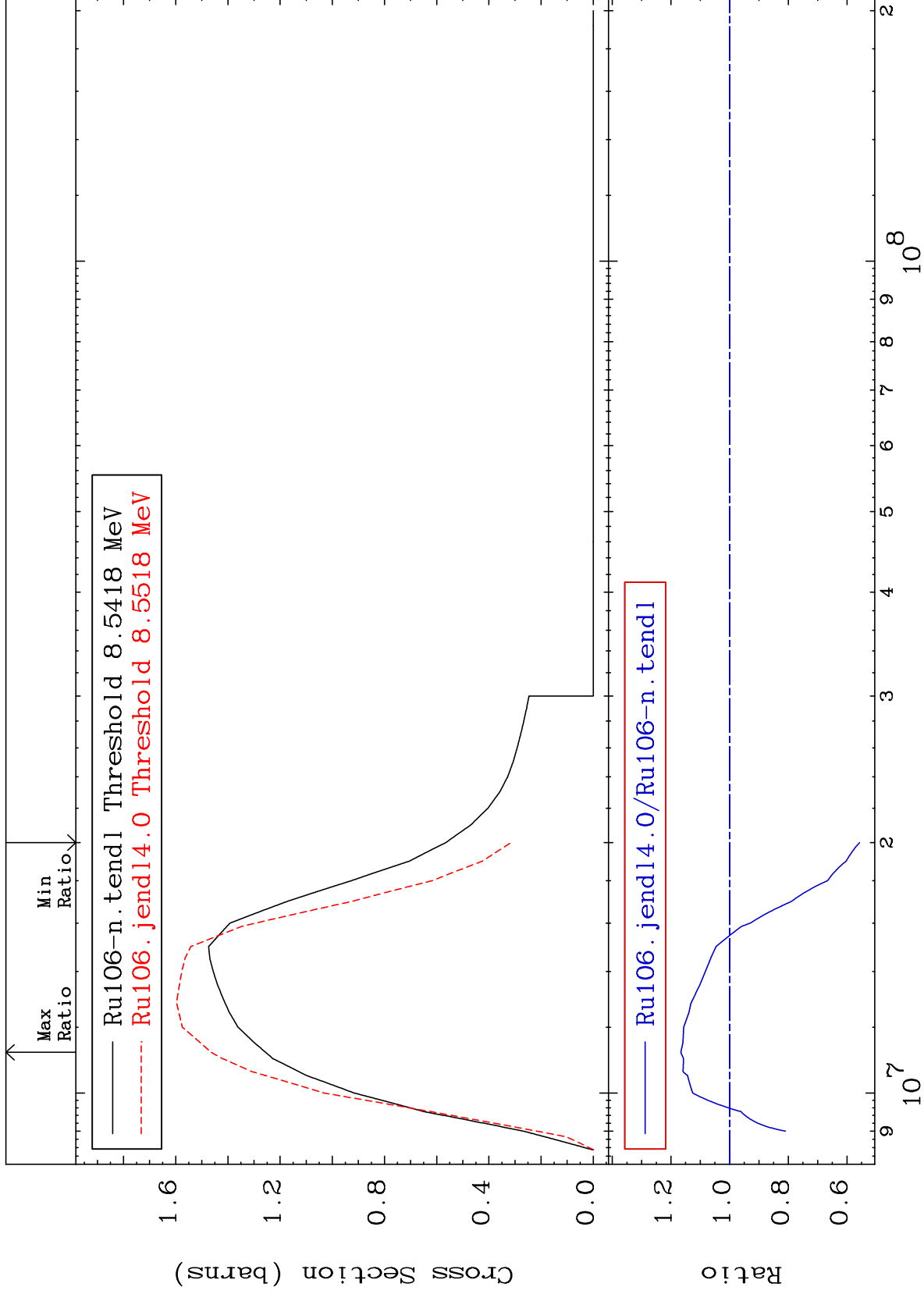
MAT 4455

(n,2n)

44-Ru-106

Cross Section

-44.29 To 16.65 %



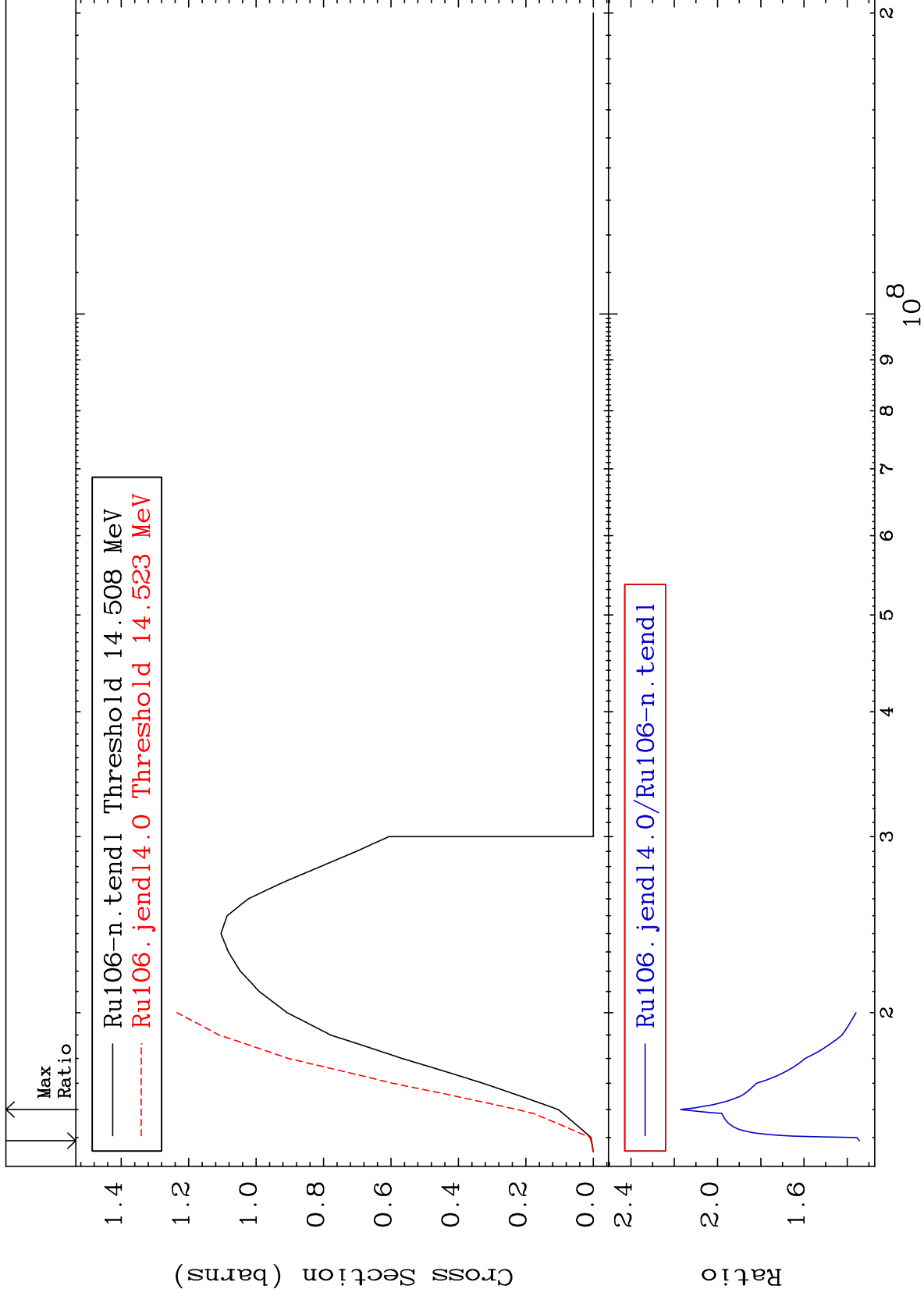
44-Ru-106

44-Ru-106

MAT 4455

(n,3n)  
Cross Section

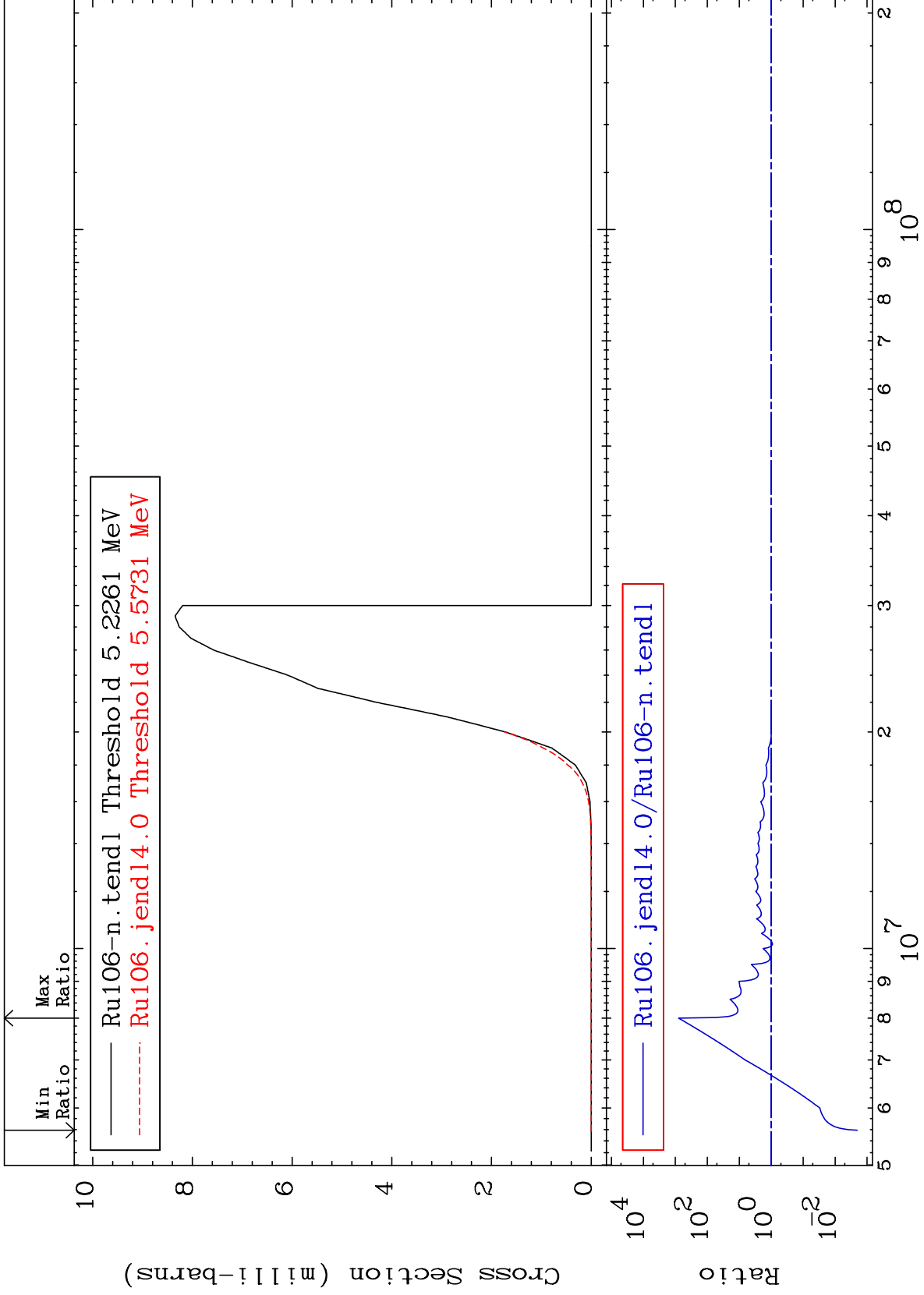
44-Ru-106  
34.36 To 117.0 %



MAT 4455

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

44-Ru-106  
-99.80 To 9999. %



Incident Energy (eV)

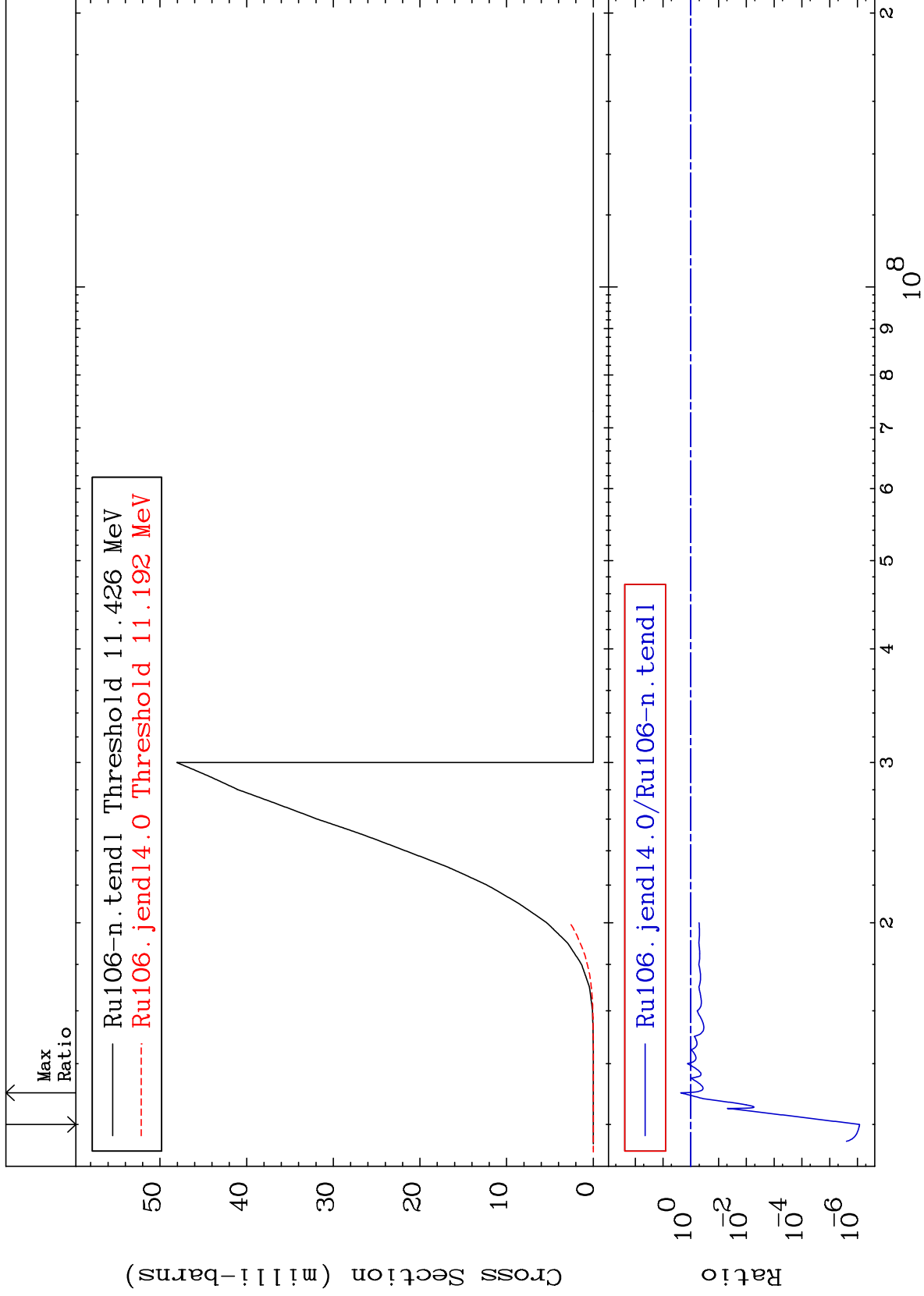
44-Ru-106

6

MAT 4455

(n, n') p  
Cross Section

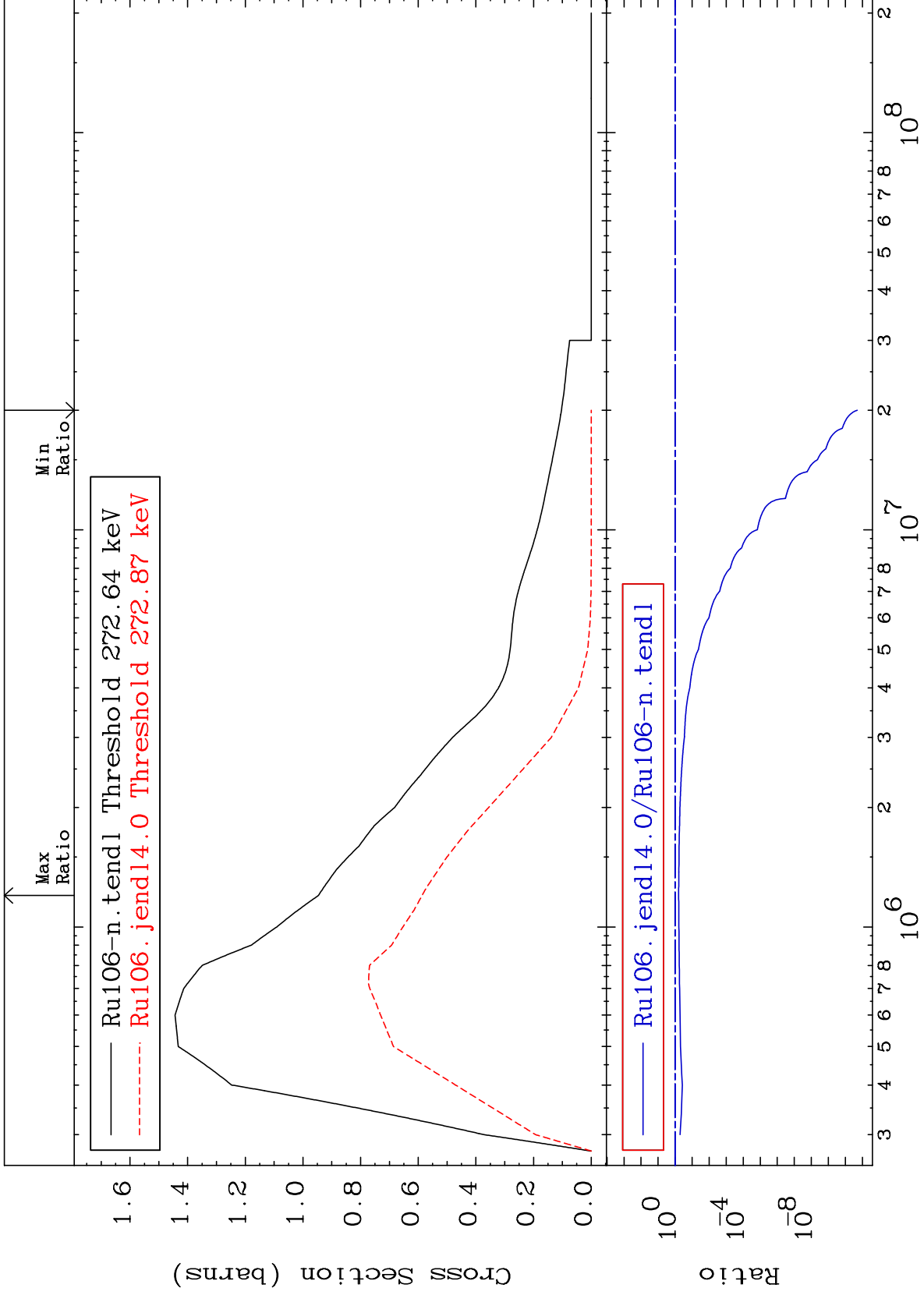
44-Ru-106  
-100.0 To 129.8 %



MAT 4455

270.1 keV (n,n') Level  
Cross Section

44-Ru-106  
-100.0 To -37.99%

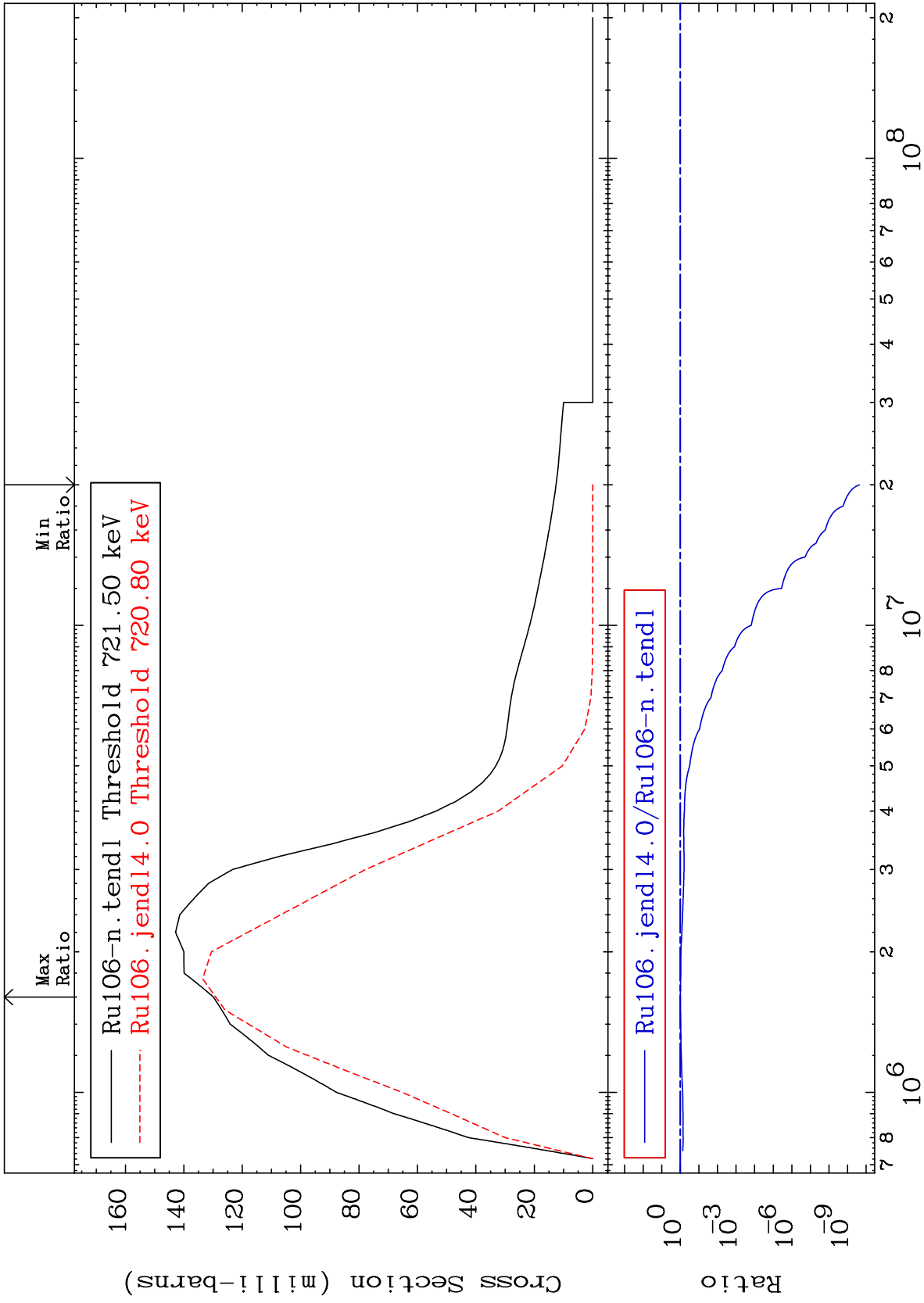




MAT 4455

714.7 keV (n,n') Level  
Cross Section

44-Ru-106  
-100.0 To -0.624%



9

Incident Energy (eV)

44-Ru-106

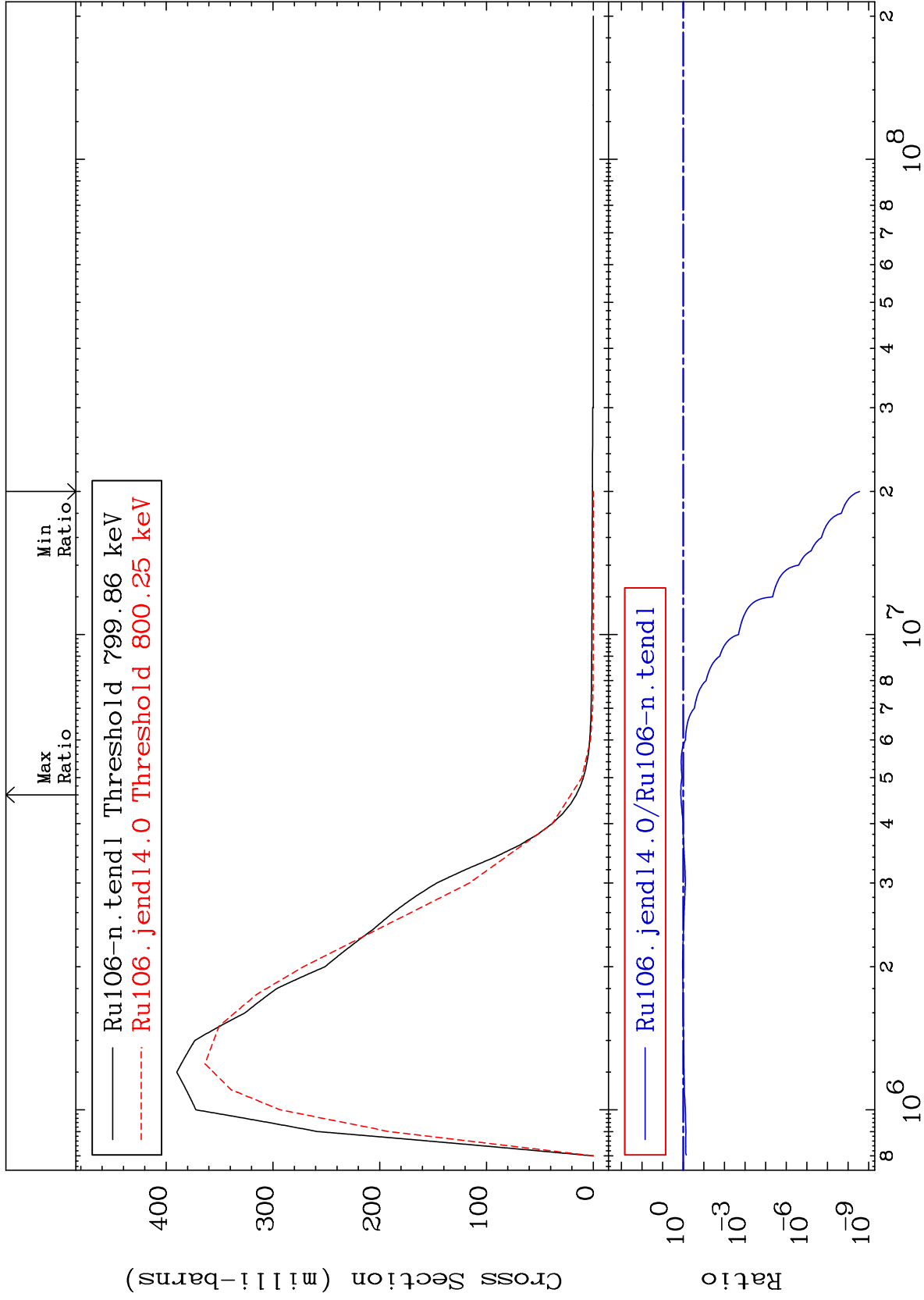
MAT 4455

792.3 keV (n,n') Level

44-Ru-106

-100.0 To 31.85 %

Cross Section



10

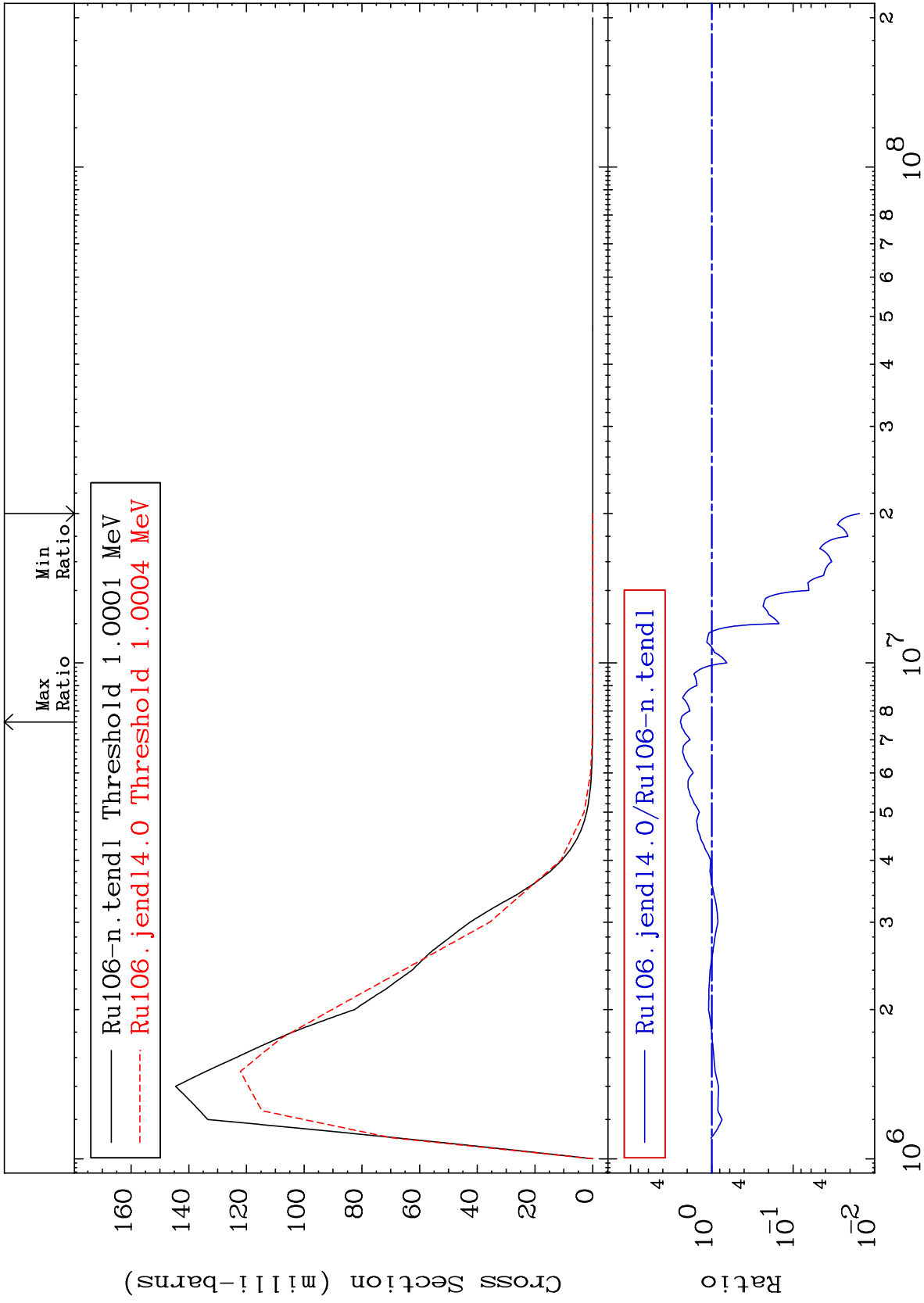
Incident Energy (eV)

44-Ru-106

MAT 4455

990.6 keV (n,n') Level  
Cross Section

44-Ru-106  
-98.47 To 143.2 %



11

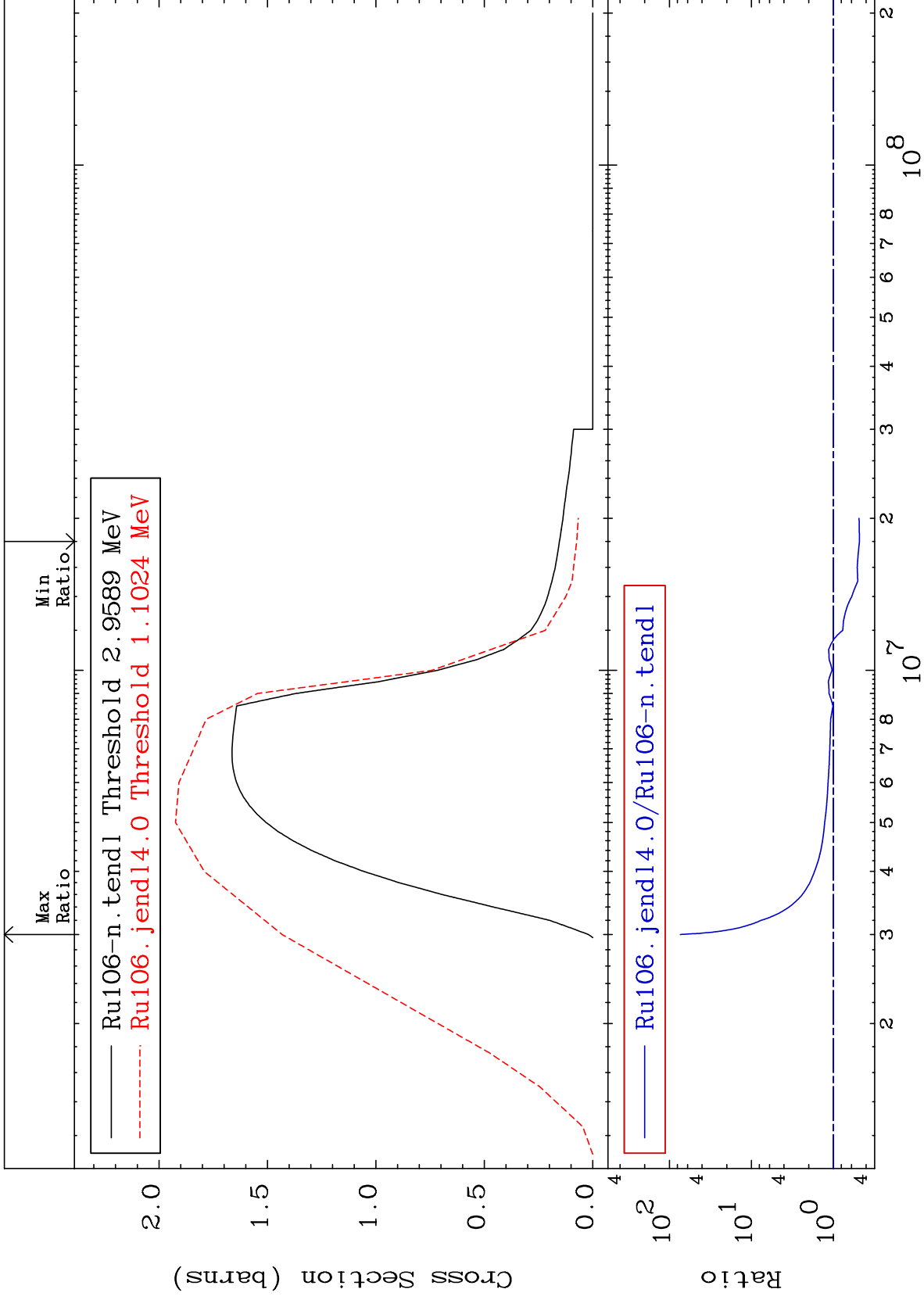
Incident Energy (eV)

44-Ru-106

MAT 4455

(n, n') Continuum  
Cross Section

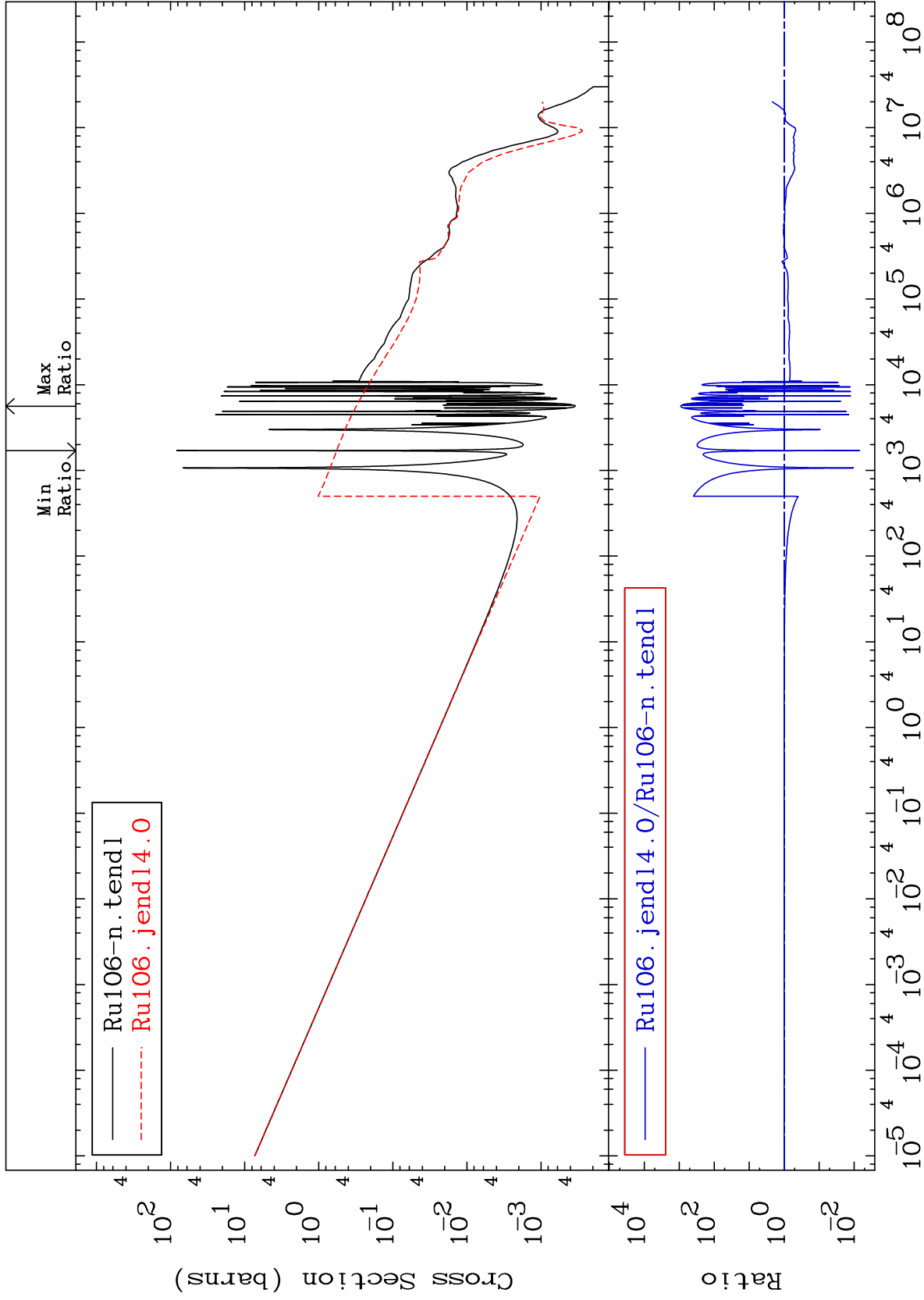
44-Ru-106  
-51.88 To 7257. %



MAT 4455

(n,  $\gamma$ )  
Cross Section

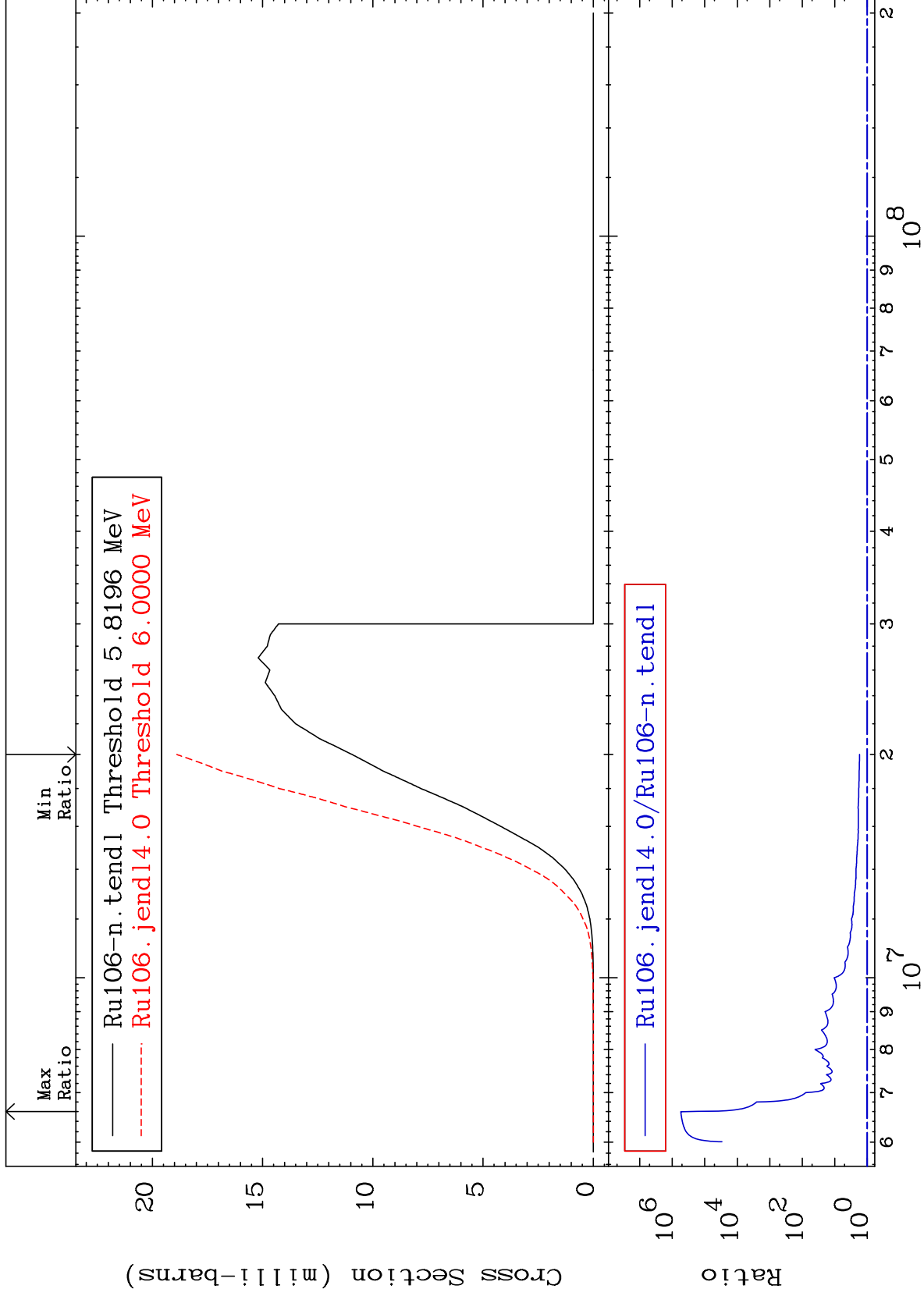
44-Ru-106  
-99.30 To 9999. %



MAT 4455

(n,p)  
Cross Section

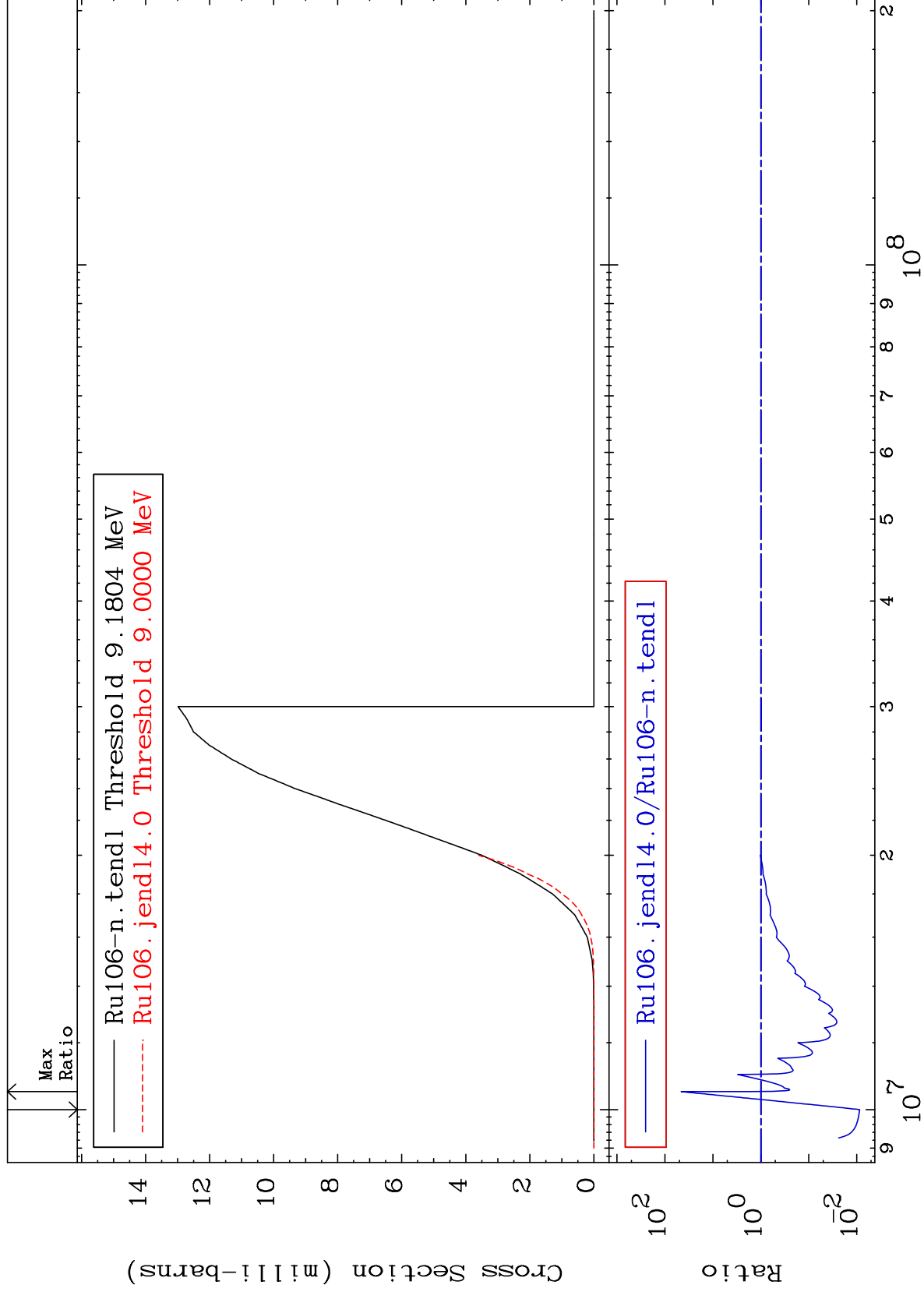
44-Ru-106  
72.64 To 9999. %



MAT 4455

(n, d)  
Cross Section

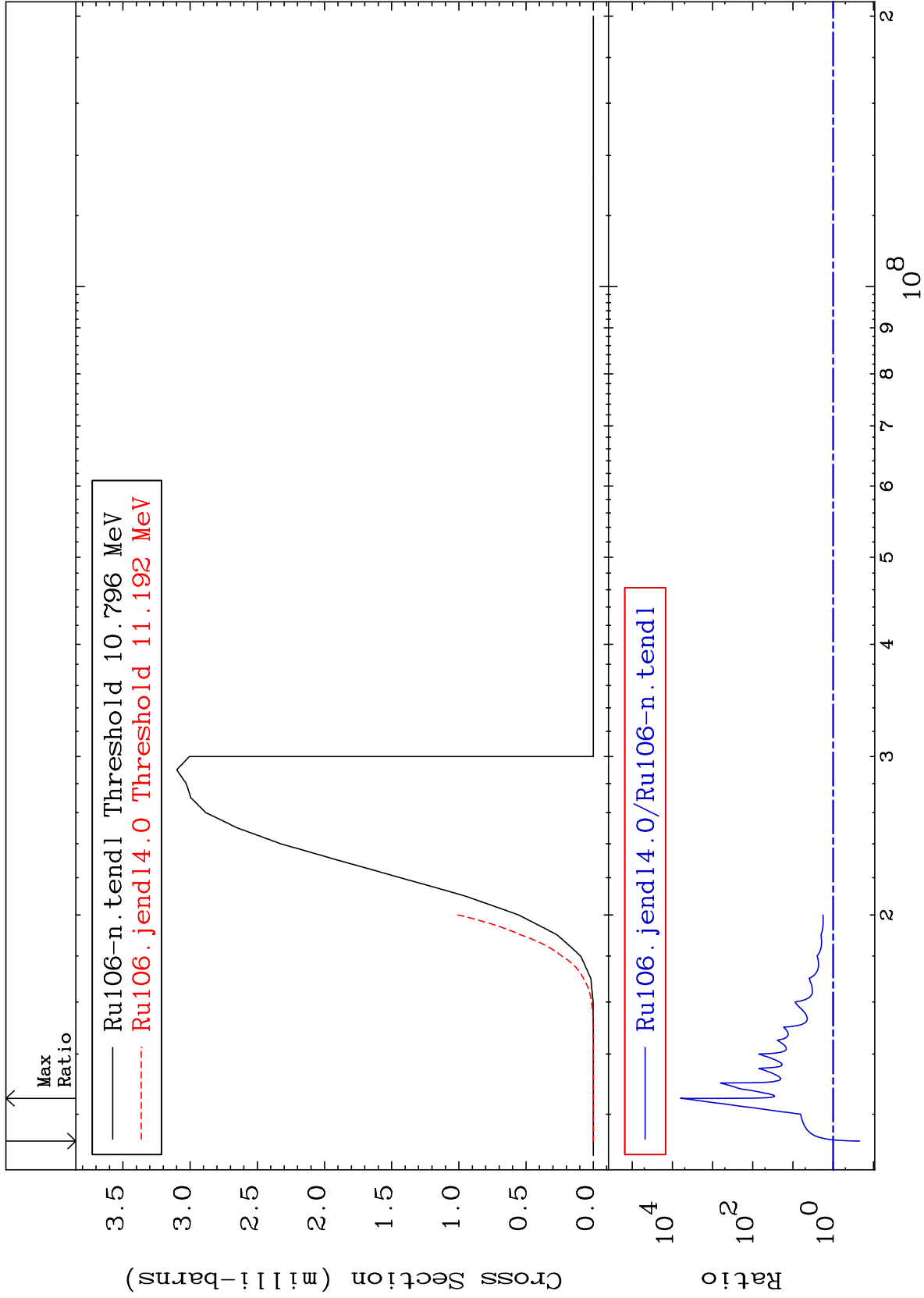
44-Ru-106  
-99.13 To 4486. %



15

Incident Energy (eV)

44-Ru-106



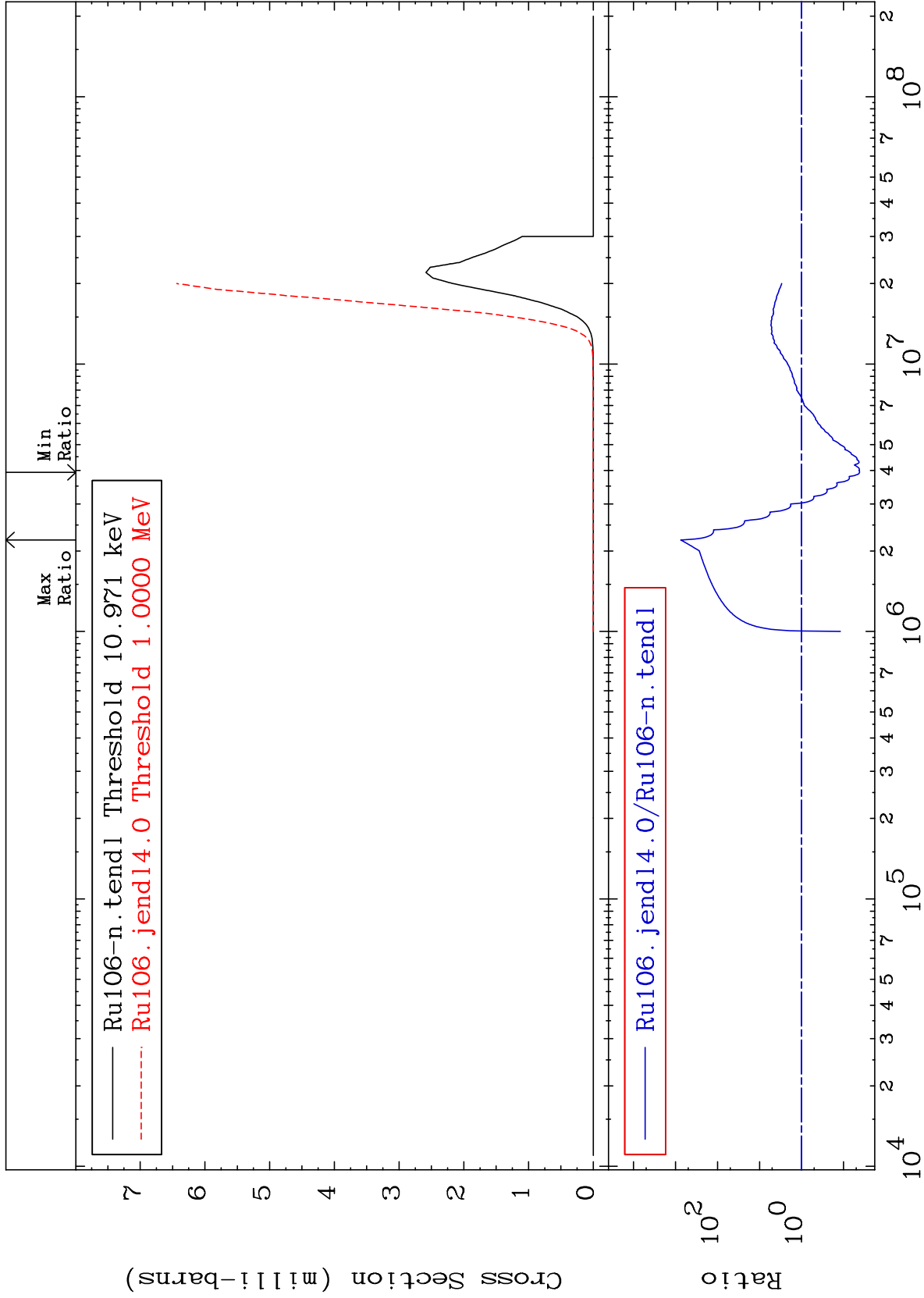


MAT 4455

44-Ru-106

-95.84 To 9999. %

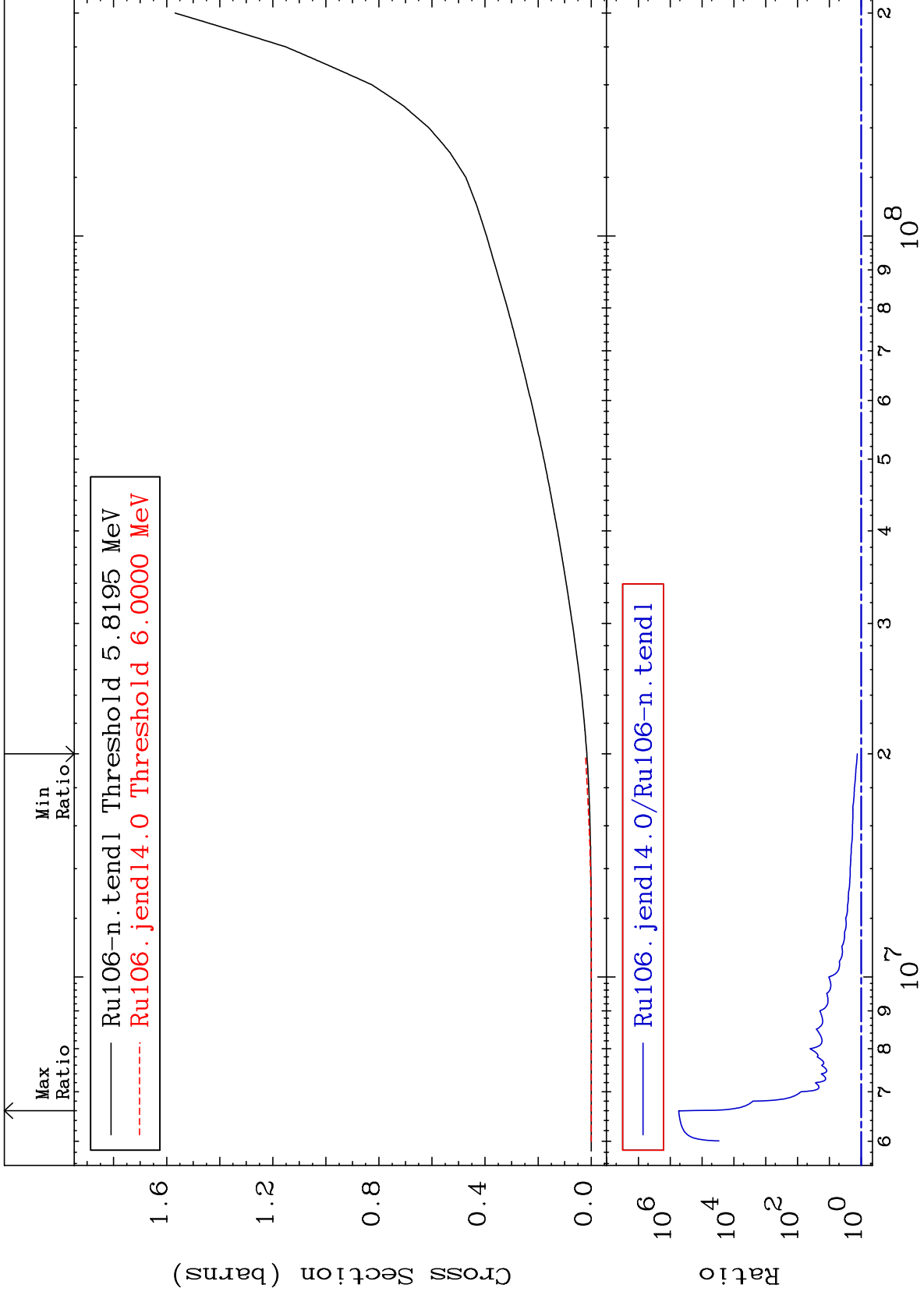
(n,  $\alpha$ )  
Cross Section



MAT 4455

Hydrogen Production  
Cross Section

44-Ru-106  
32.42 To 9999. %



18

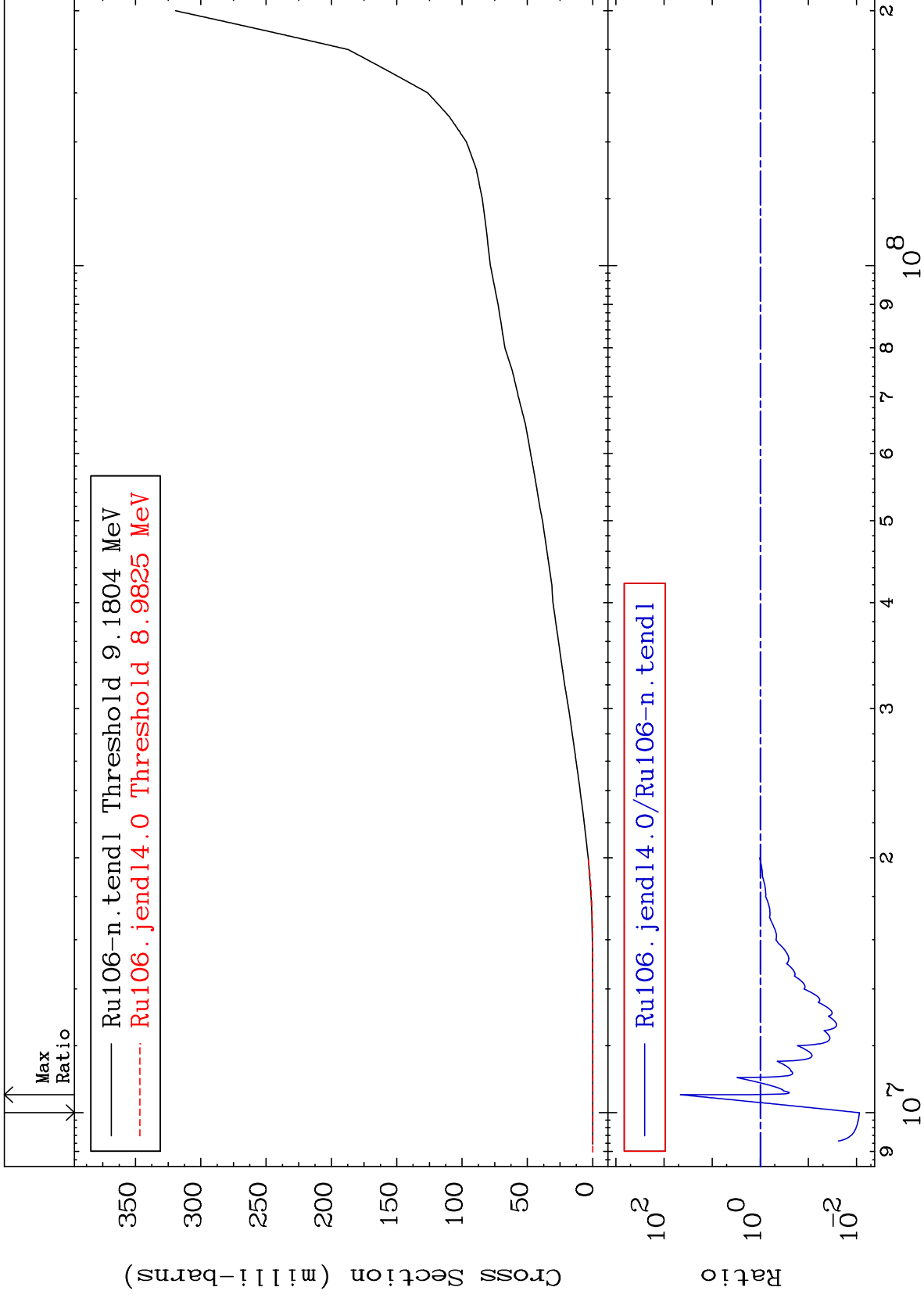
Incident Energy (eV)

44-Ru-106

MAT 4455

Deuterium Production  
Cross Section

44-Ru-106  
-99.13 To 4486. %



19

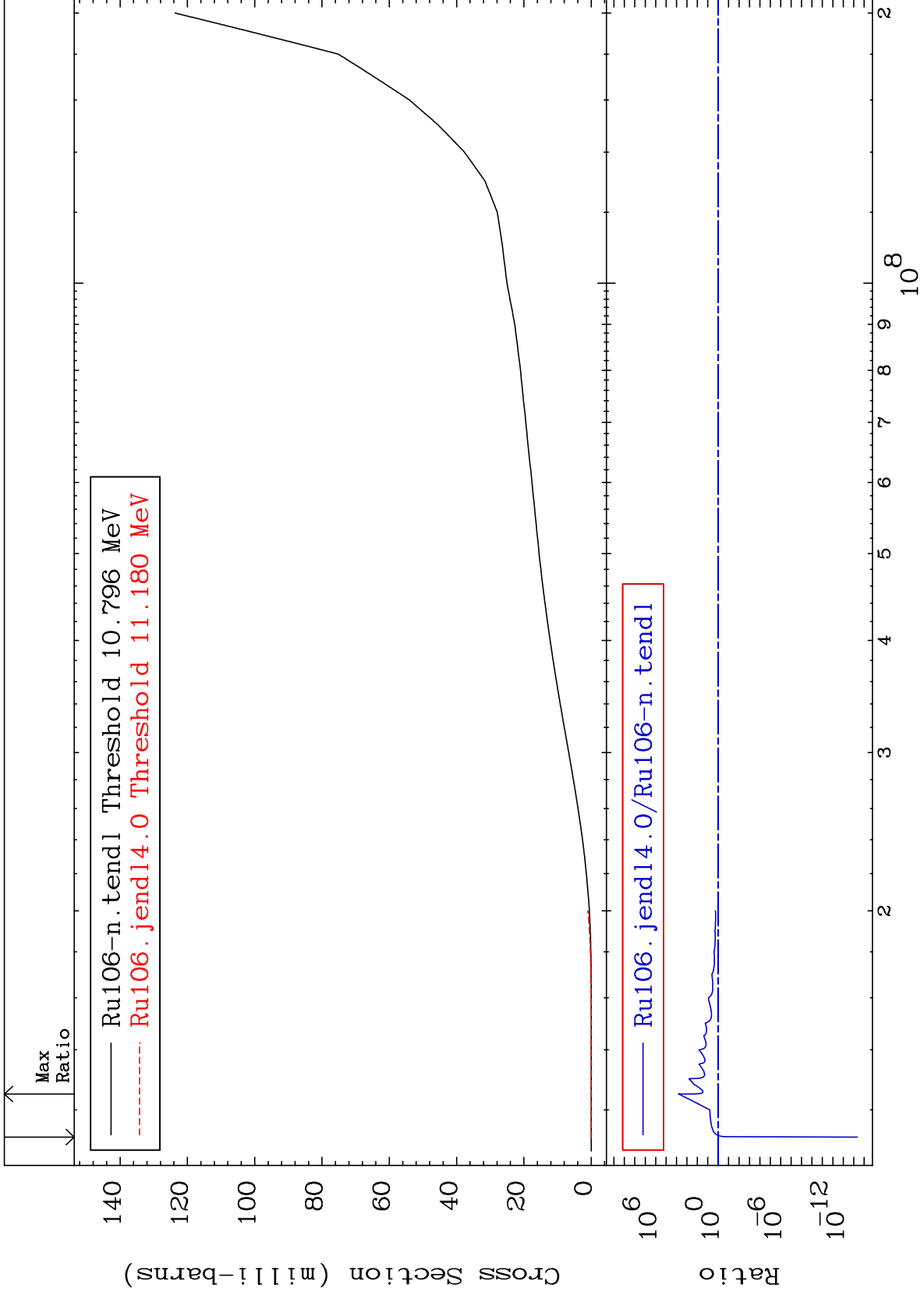
Incident Energy (eV)

44-Ru-106

MAT 4455

Tritium Production  
Cross Section

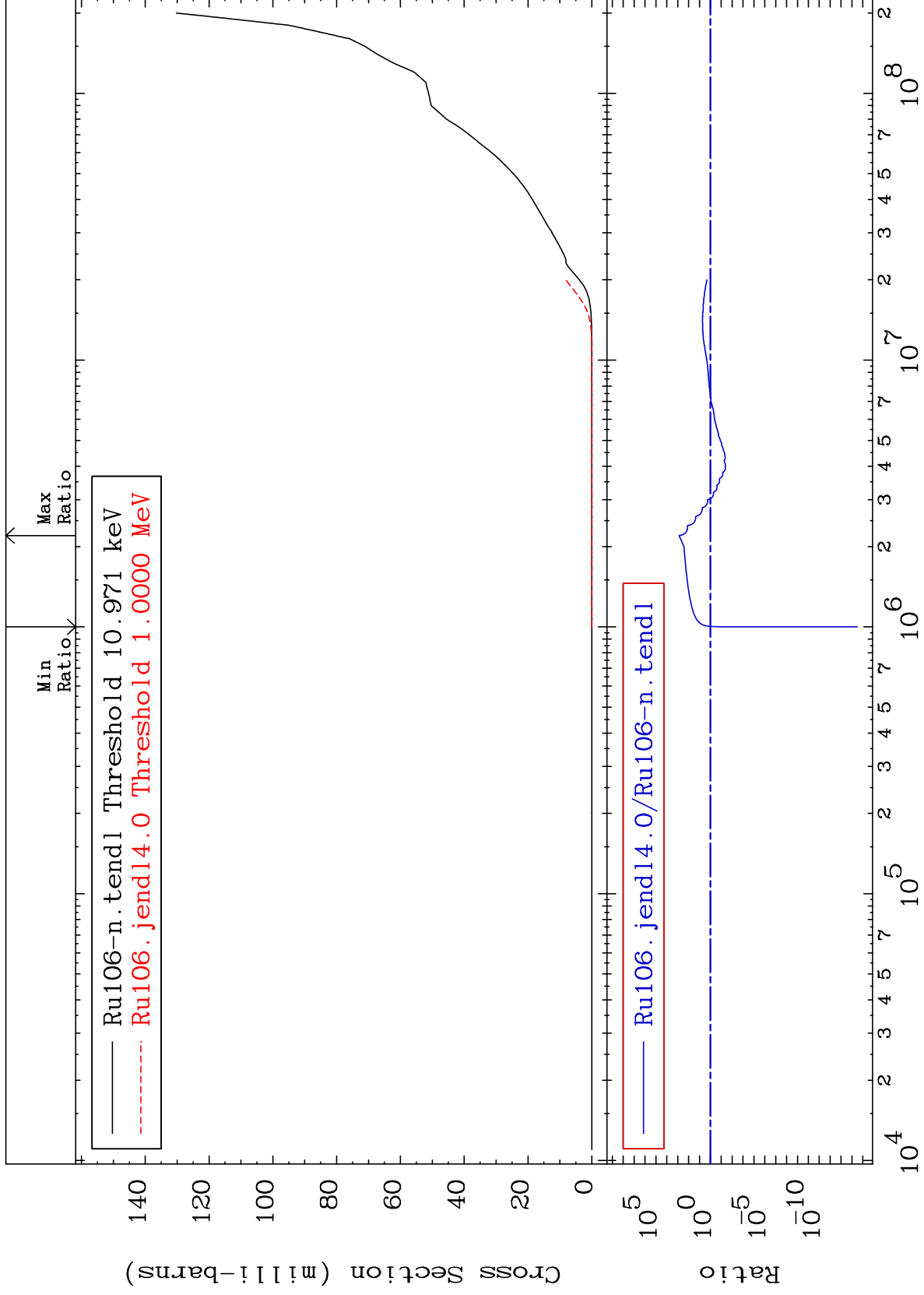
44-Ru-106  
-100.0 To 9999. %



MAT 4455

He-4 Production  
Cross Section

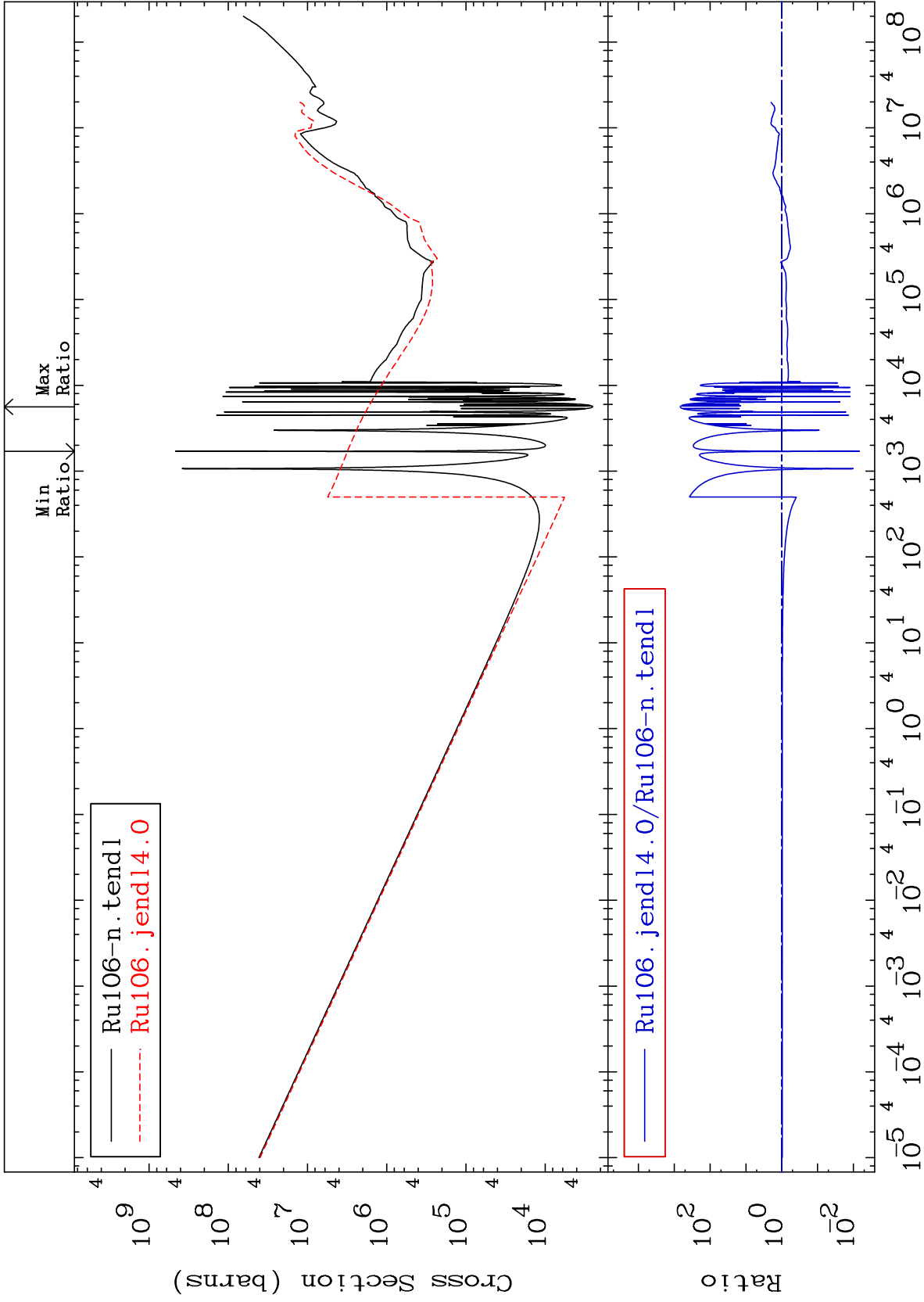
44-Ru-106  
-100.0 To 9999. %

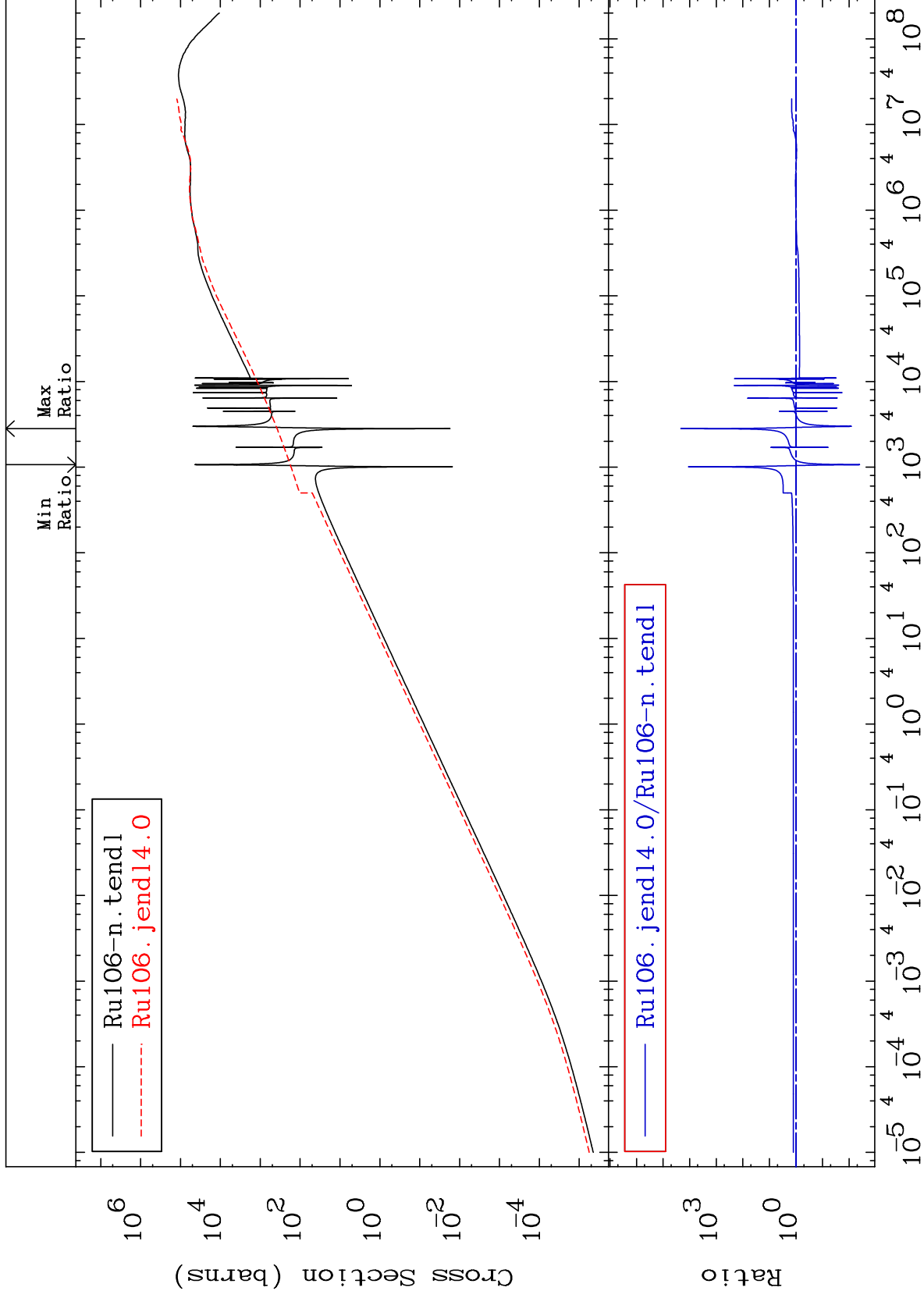


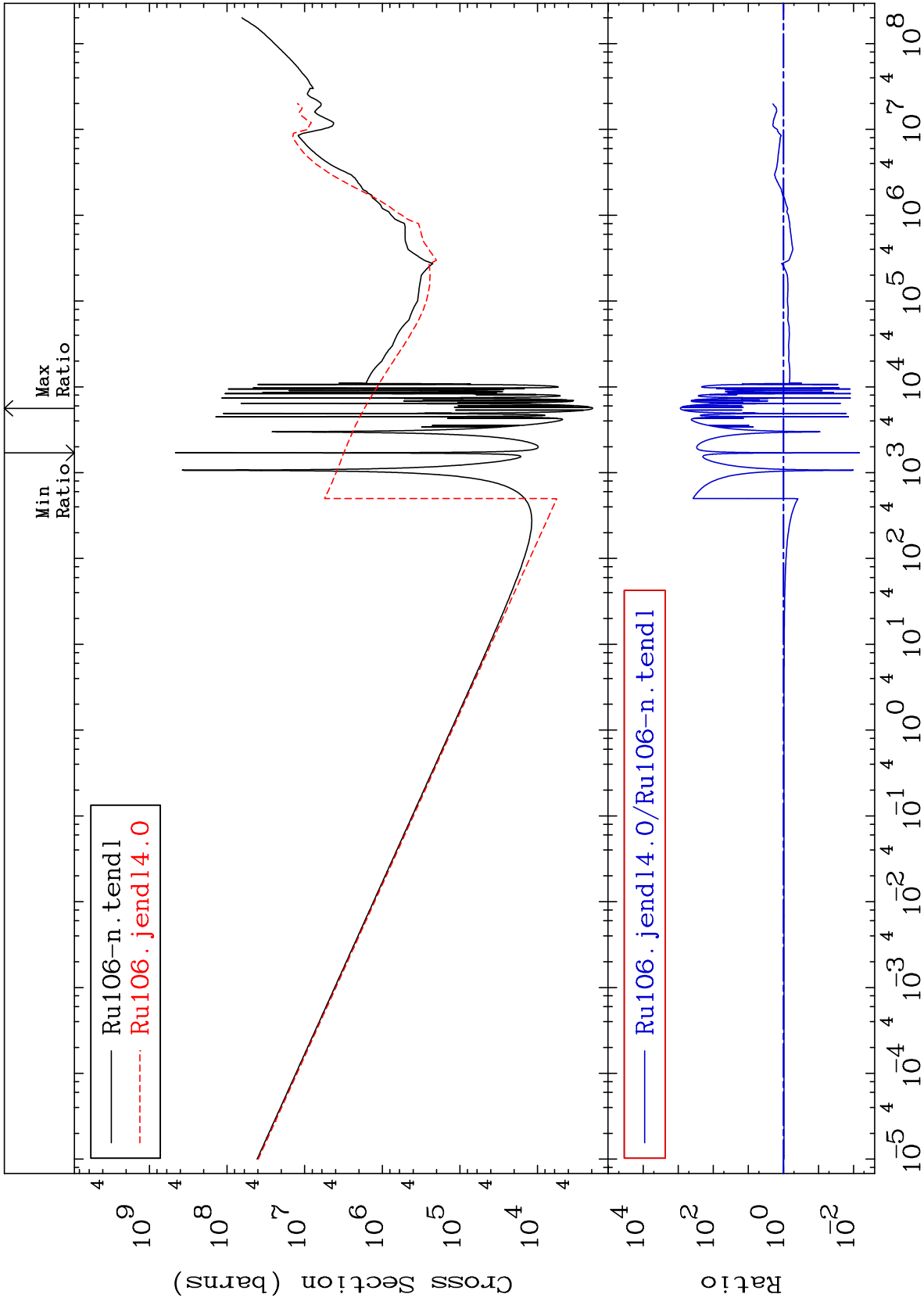
21

Incident Energy (eV)

44-Ru-106





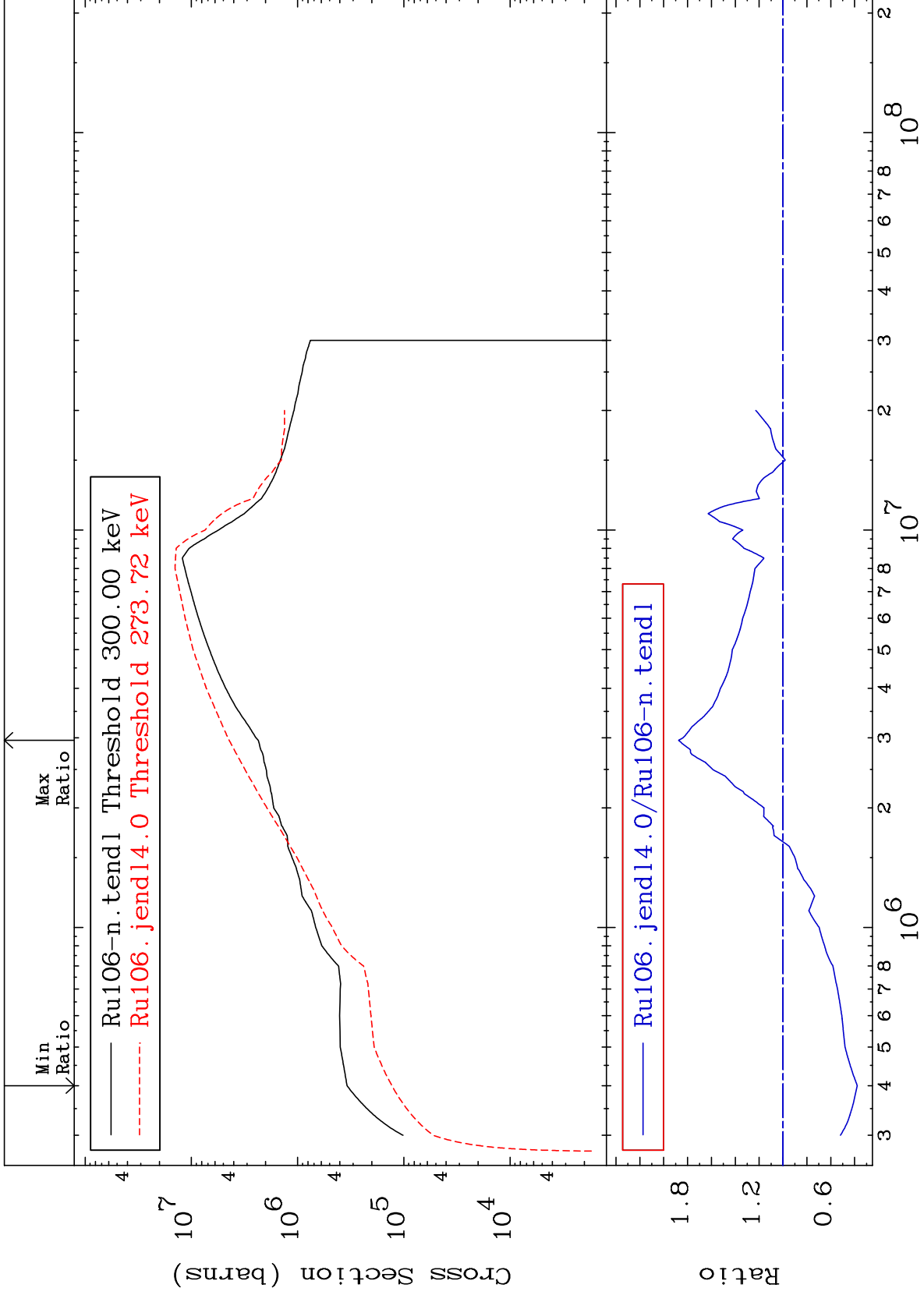




MAT 4455

Kerma inelastic (mt51-91)  
Cross Section

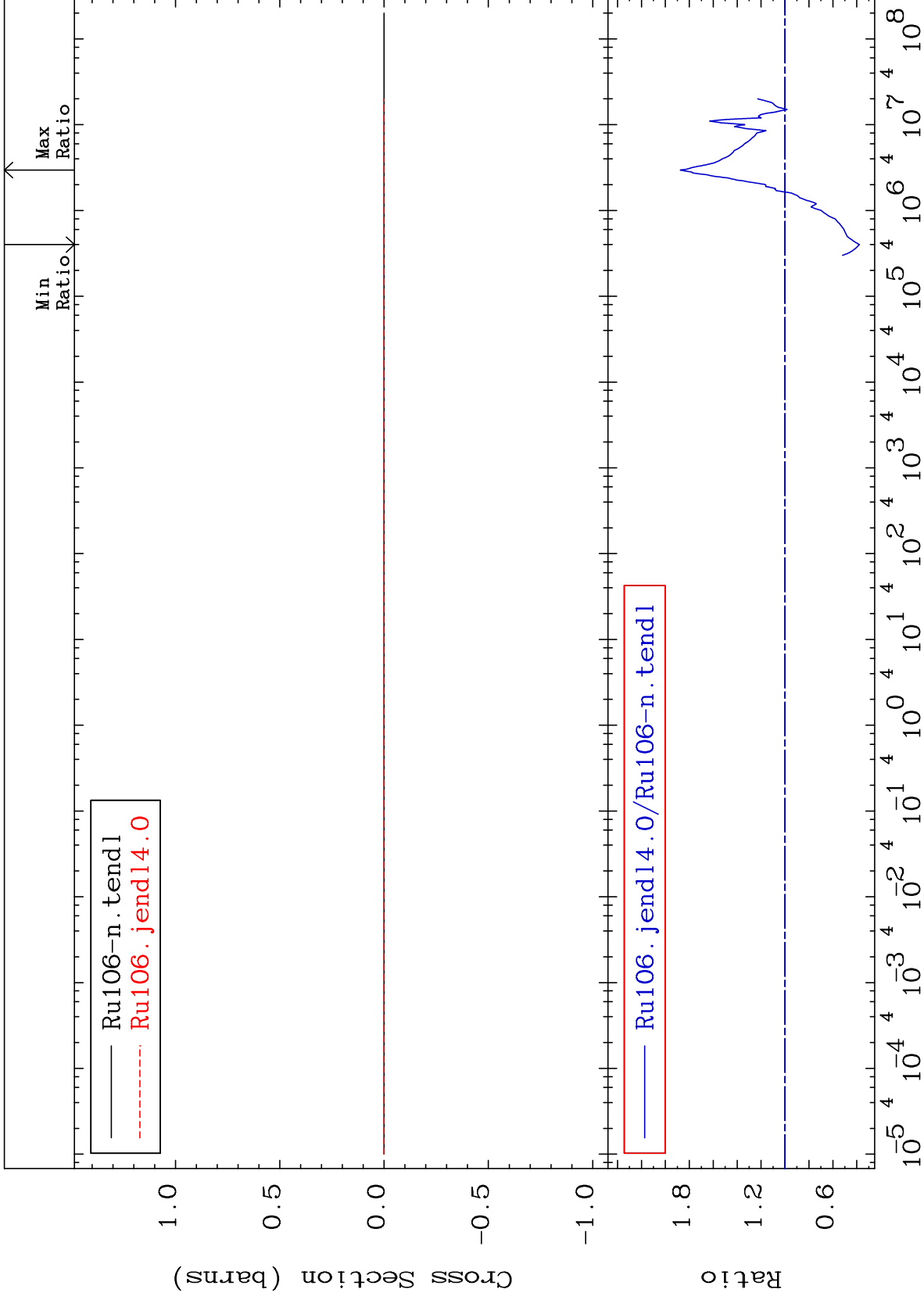
44-Ru-106  
-62.22 To 87.48 %

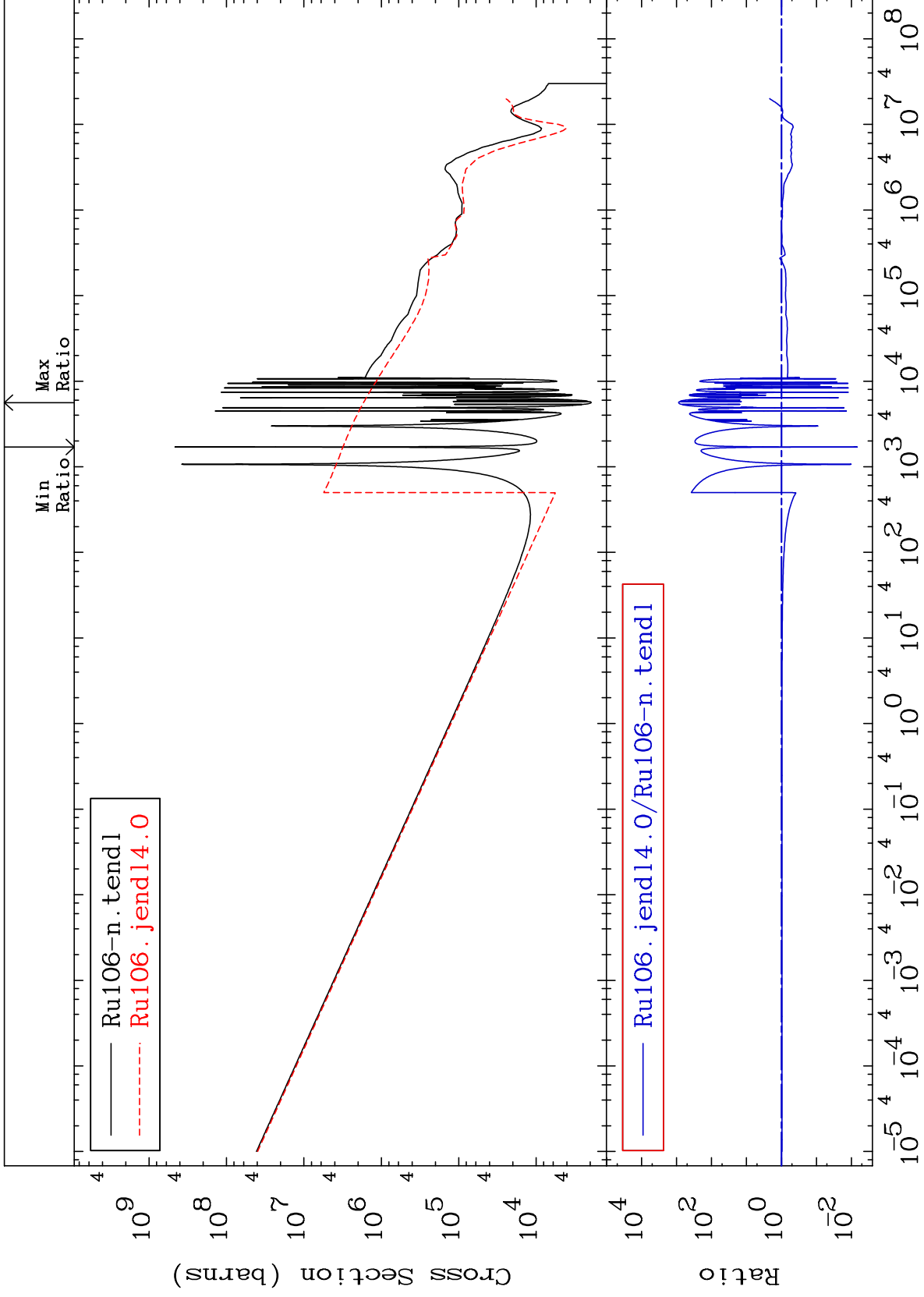


MAT 4455

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

44-Ru-106  
-62.22 To 87.48 %

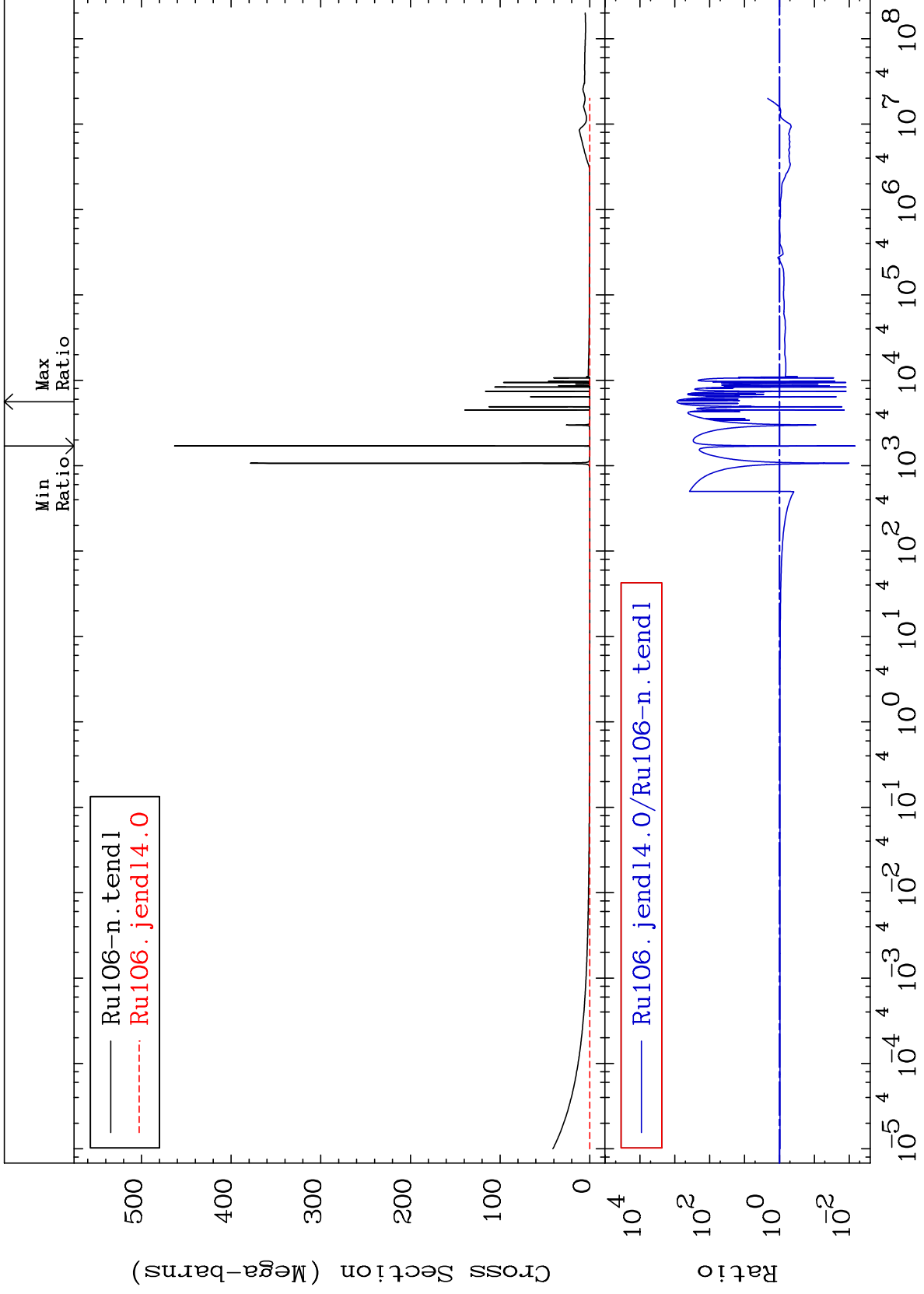


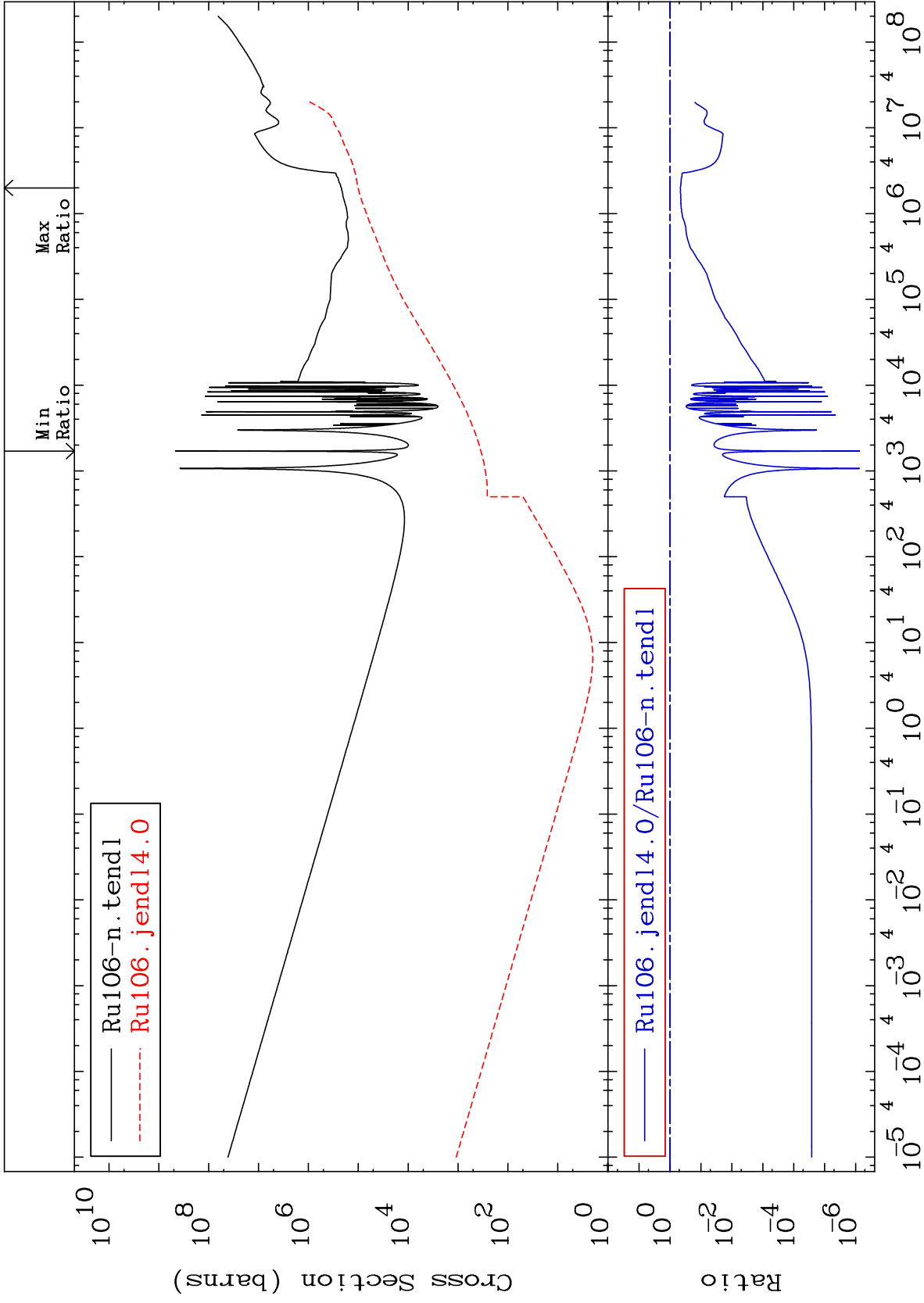


MAT 4455

Total photon (eV-barns)  
Cross Section

44-Ru-106  
-99.32 To 9999. %





MAT 4455

Dpa total (eV-barns)

44-Ru-106

-99.23 To 9999. %

