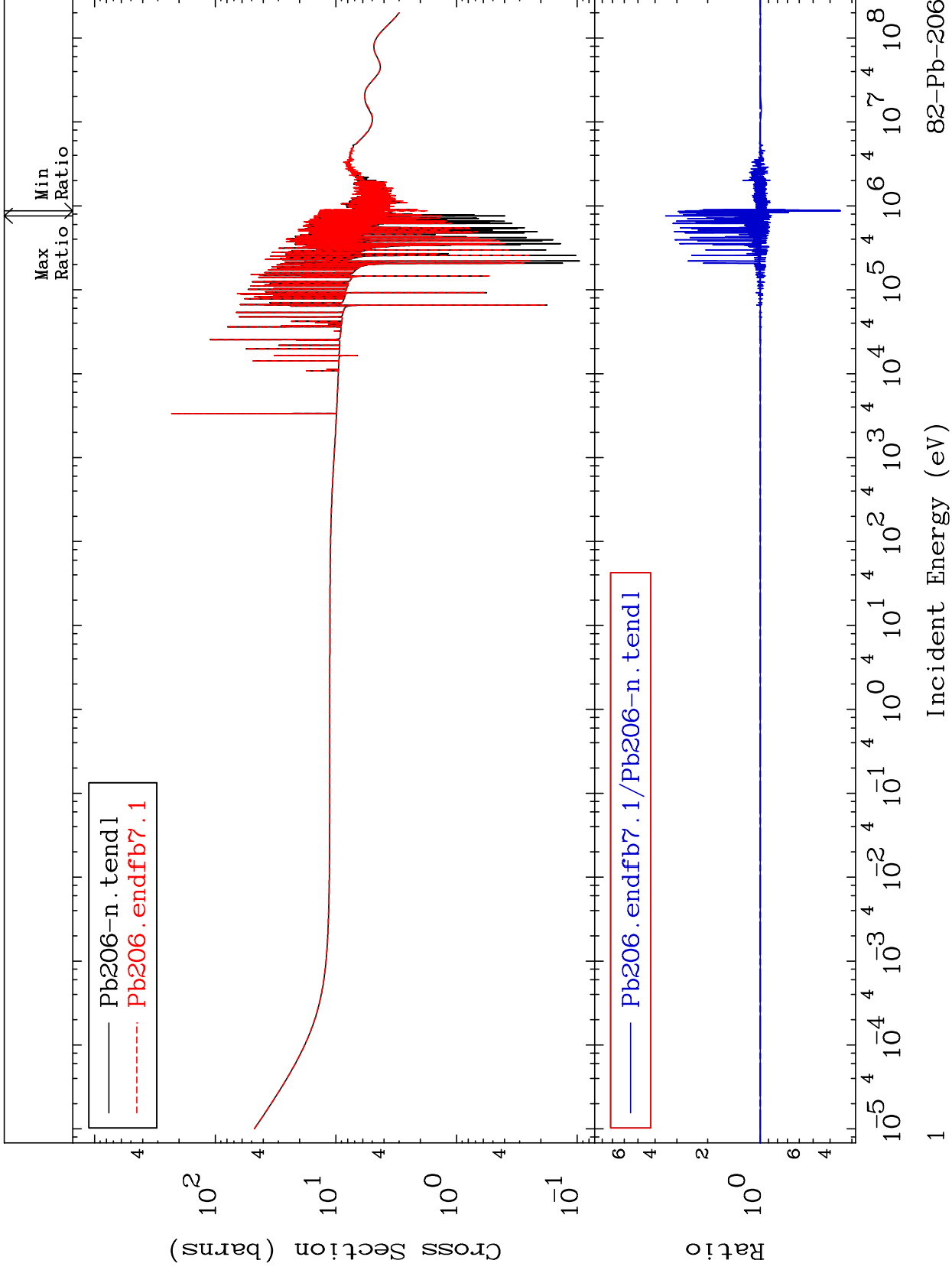


MAT 8231

Total  
Cross Section

82-Pb-206  
-65.22 To 248.3 %



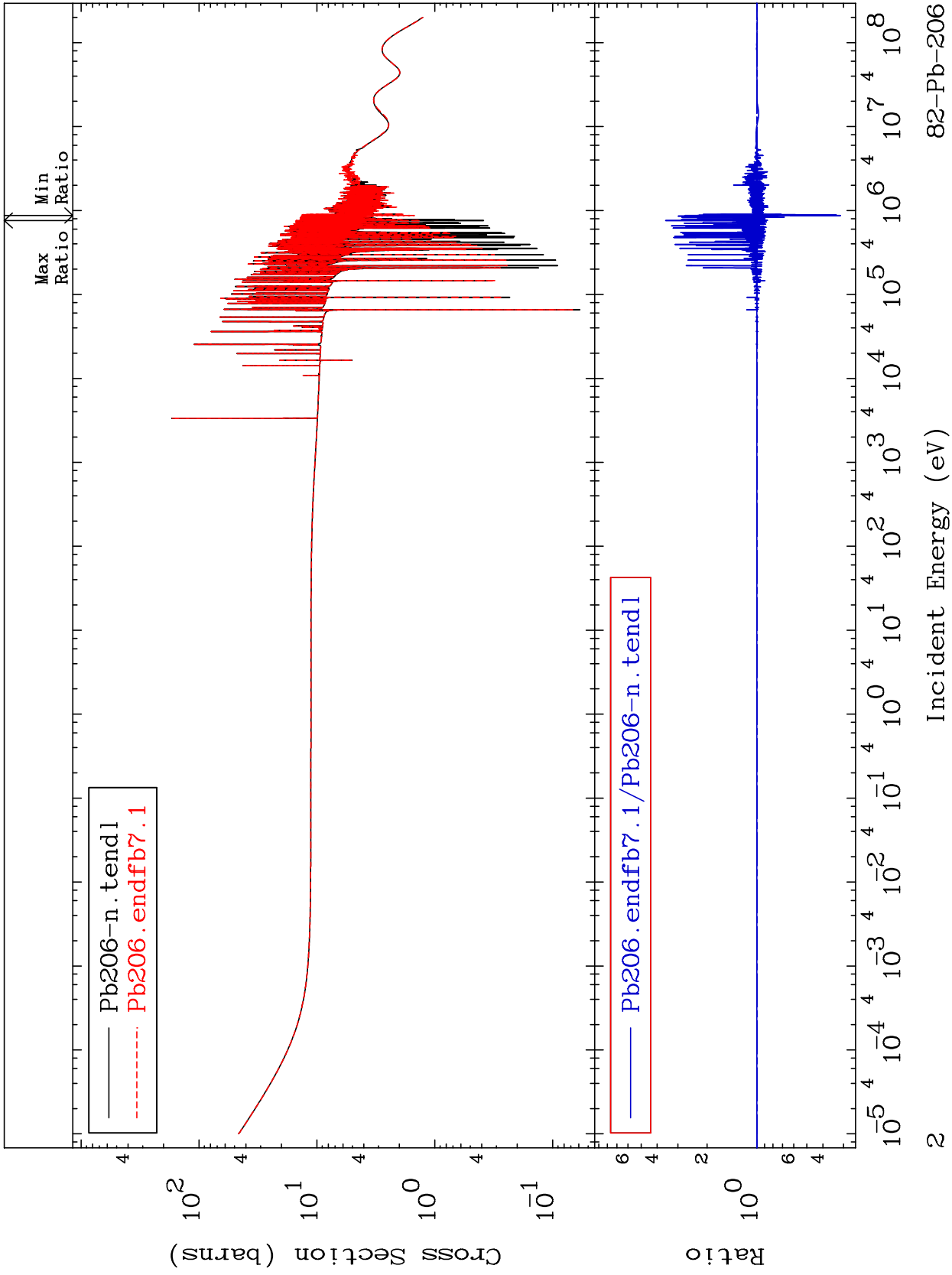
Incident Energy (eV)

82-Pb-206

MAT 8231

Elastic  
Cross Section

82-Pb-206  
-68.78 To 256.1 %



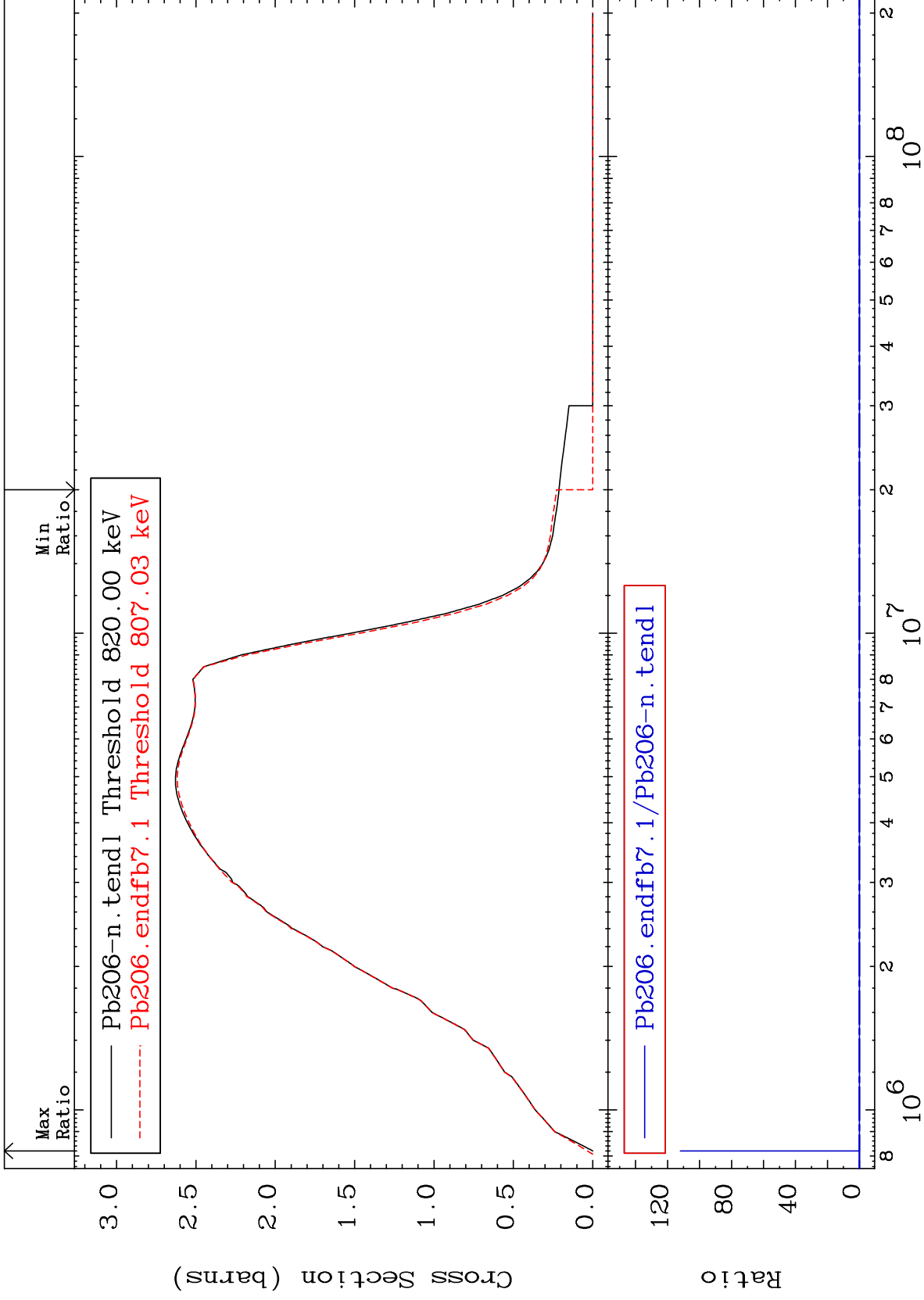
Incident Energy (eV)

82-Pb-206

MAT 8231

Inelastic  
Cross Section

82-Pb-206  
-100.0 To 9999. %



Incident Energy (eV)

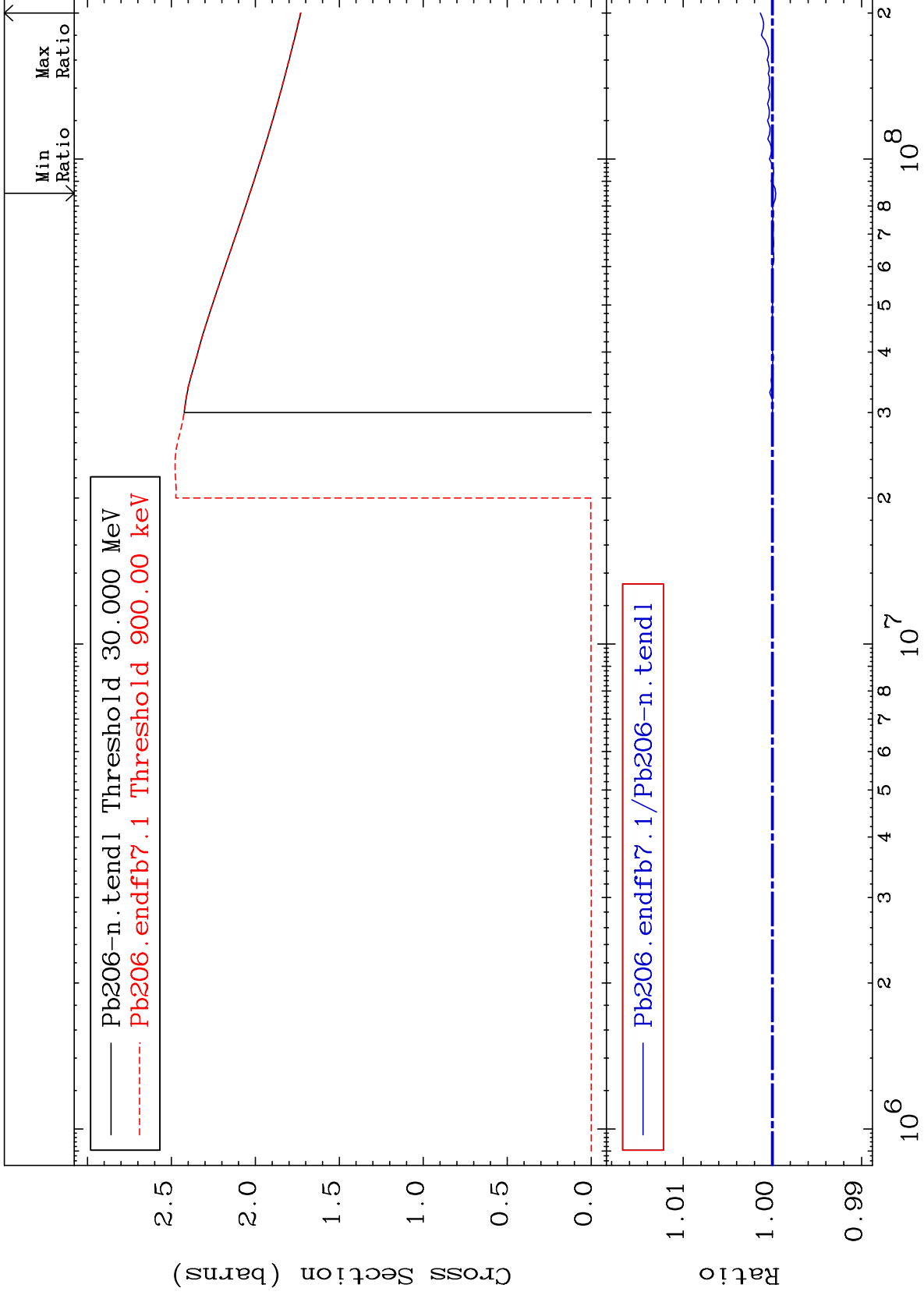
82-Pb-206

3

MAT 8231

(n, remainder)  
Cross Section

82-Pb-206  
-0.037 To 0.136 %



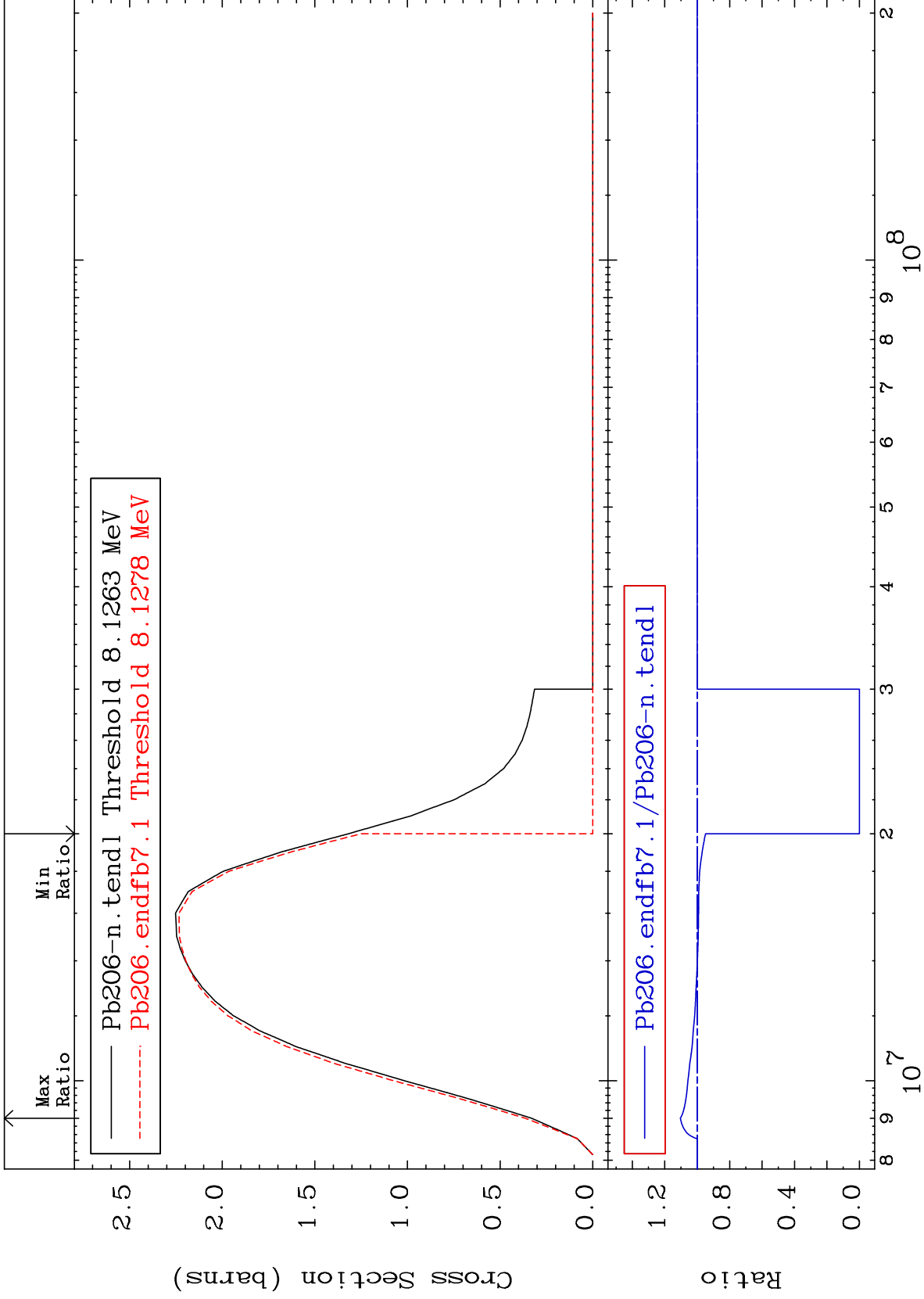
MAT 8231

(n,2n)

82-Pb-206

Cross Section

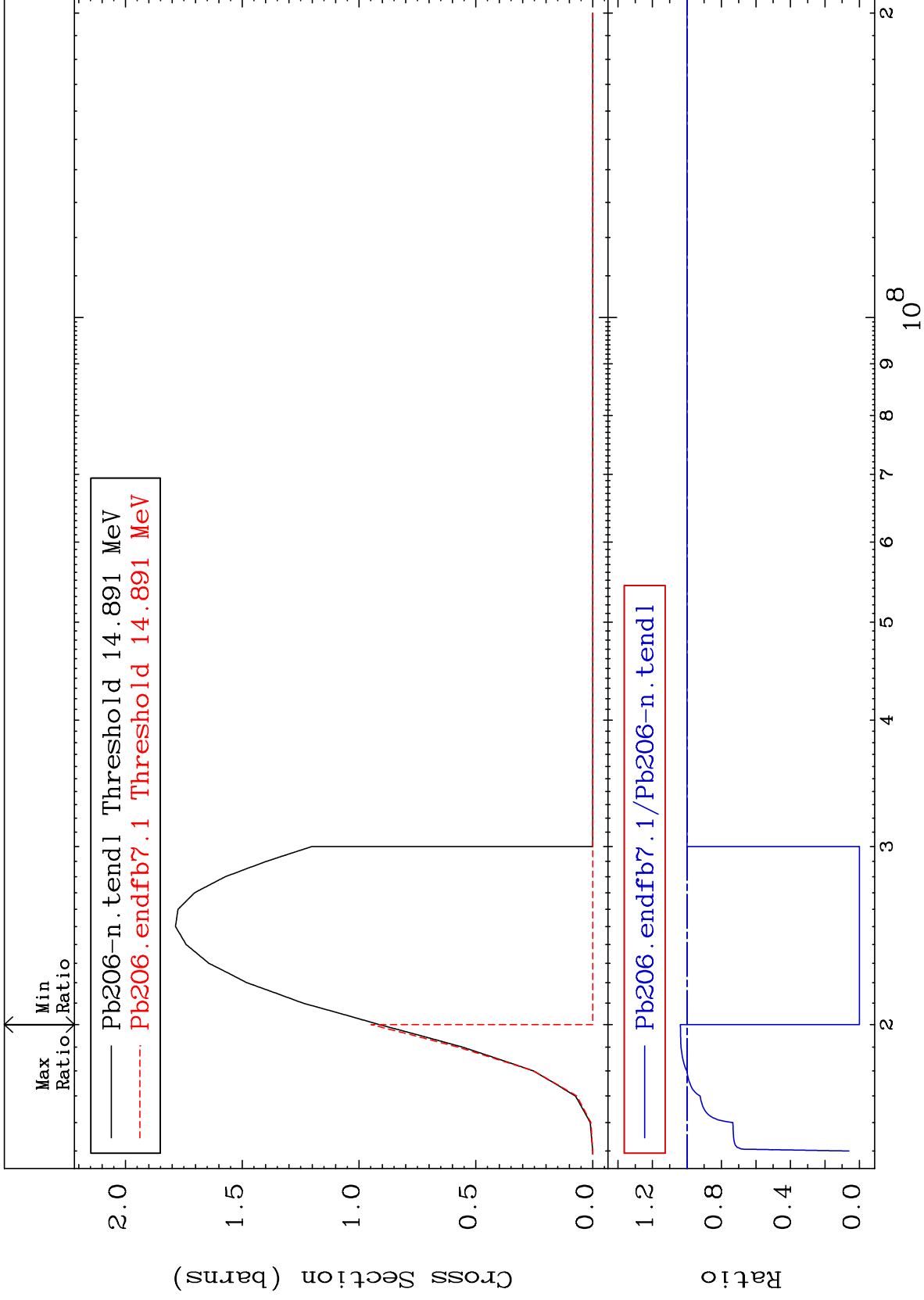
-100.0 To 10.37 %



Incident Energy (eV)

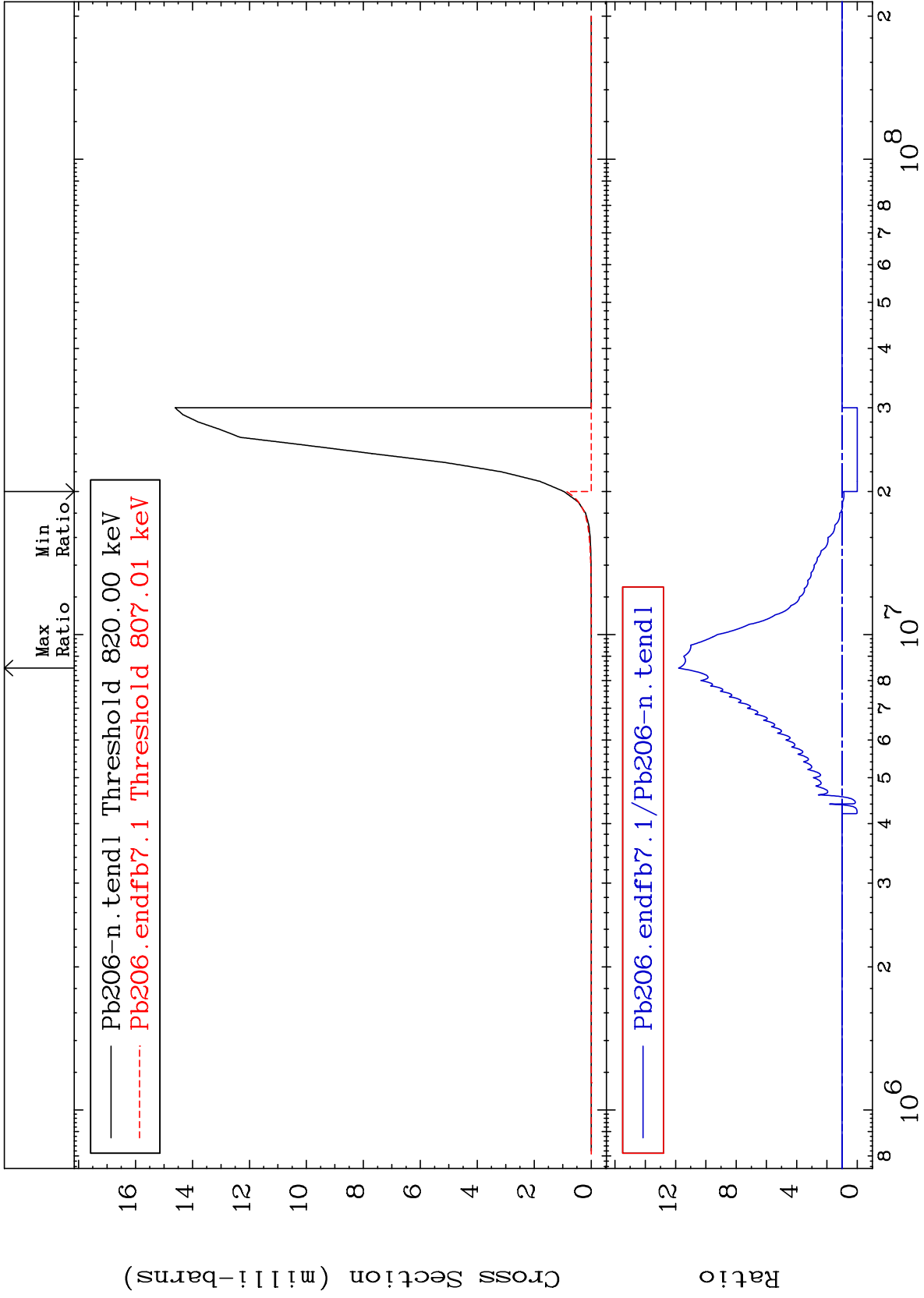
82-Pb-206

5



MAT 8231

(n, n')  $\alpha$   
Cross Section  
82-Pb-206  
-100.0 To 1080. %



82-Pb-206

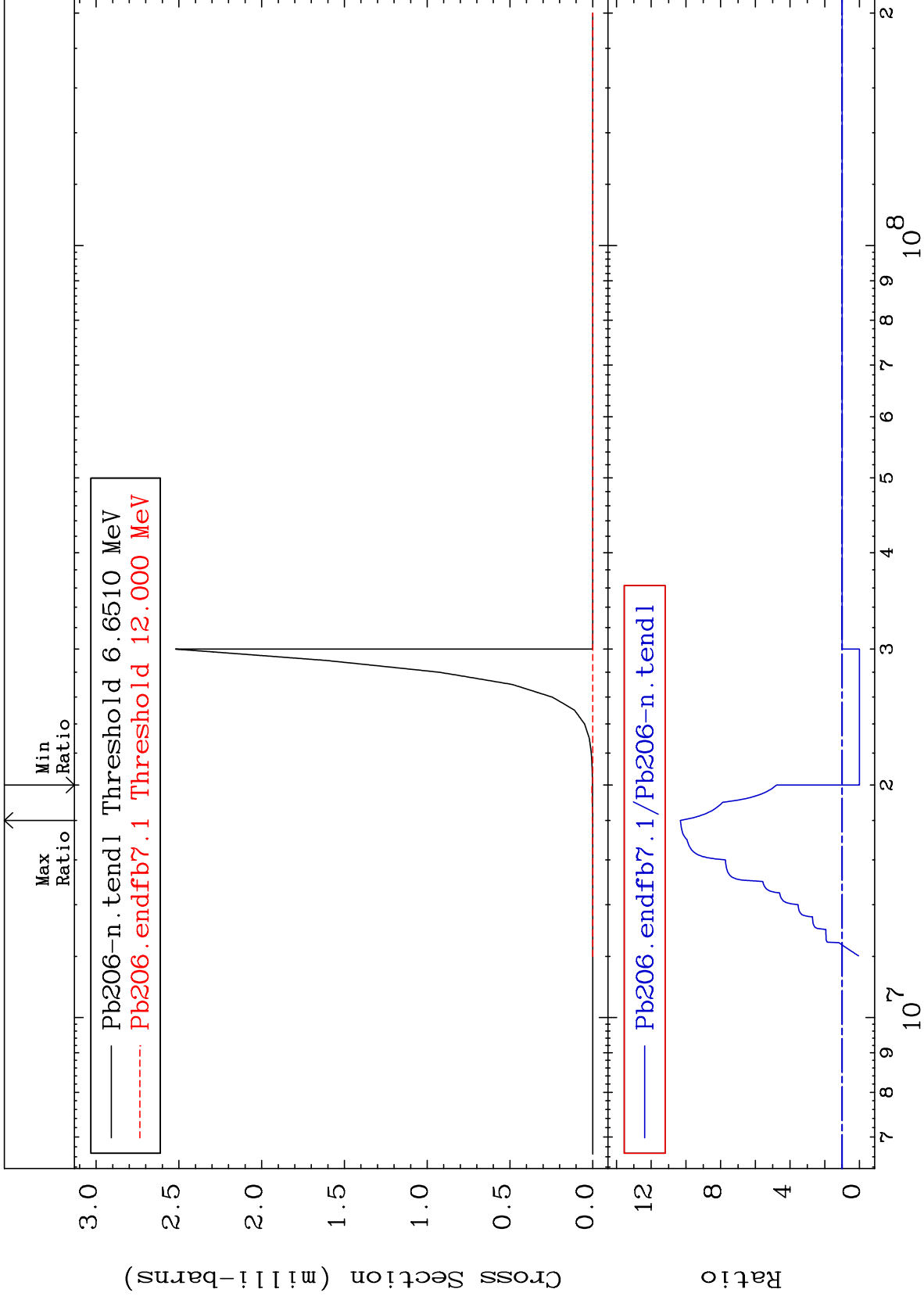
Incident Energy (eV)

7

MAT 8231

(n,2n)  $\alpha$   
Cross Section

82-Pb-206  
-100.0 To 932.1 %



8

Incident Energy (eV)

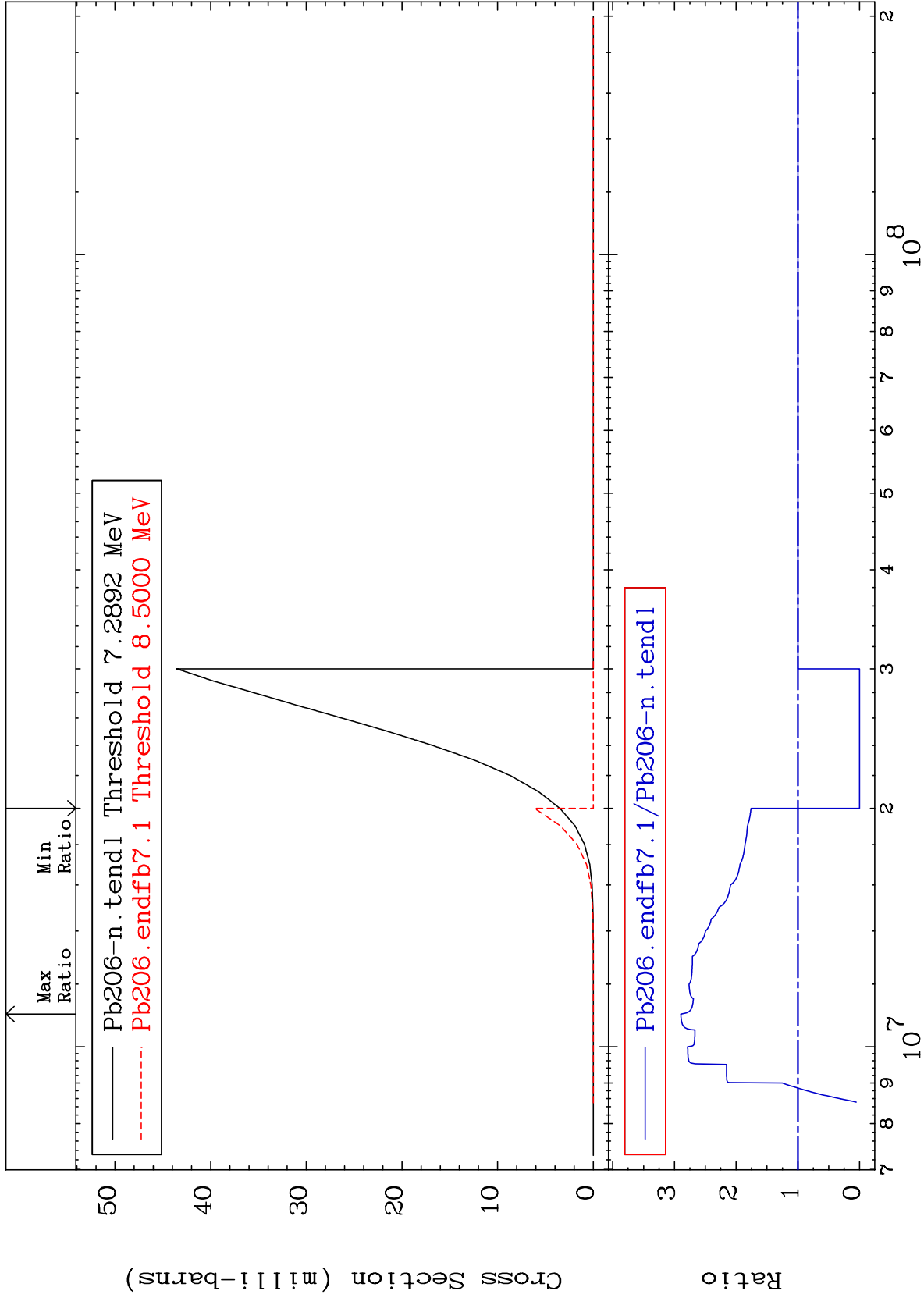
82-Pb-206



MAT 8231

(n, n') p  
Cross Section

82-Pb-206  
-100.0 To 189.7 %



9

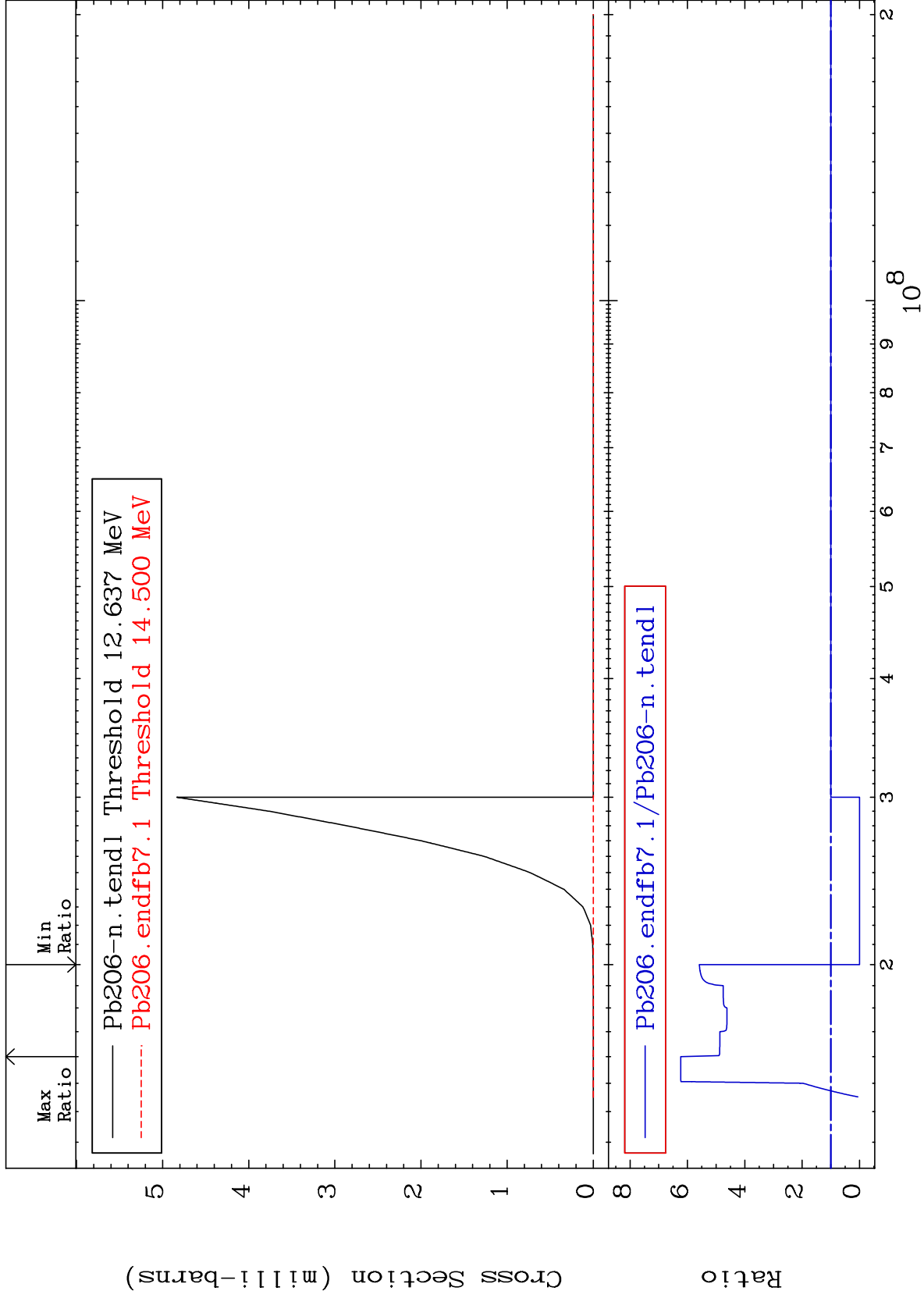
Incident Energy (eV)

82-Pb-206

MAT 8231

(n, n') d  
Cross Section

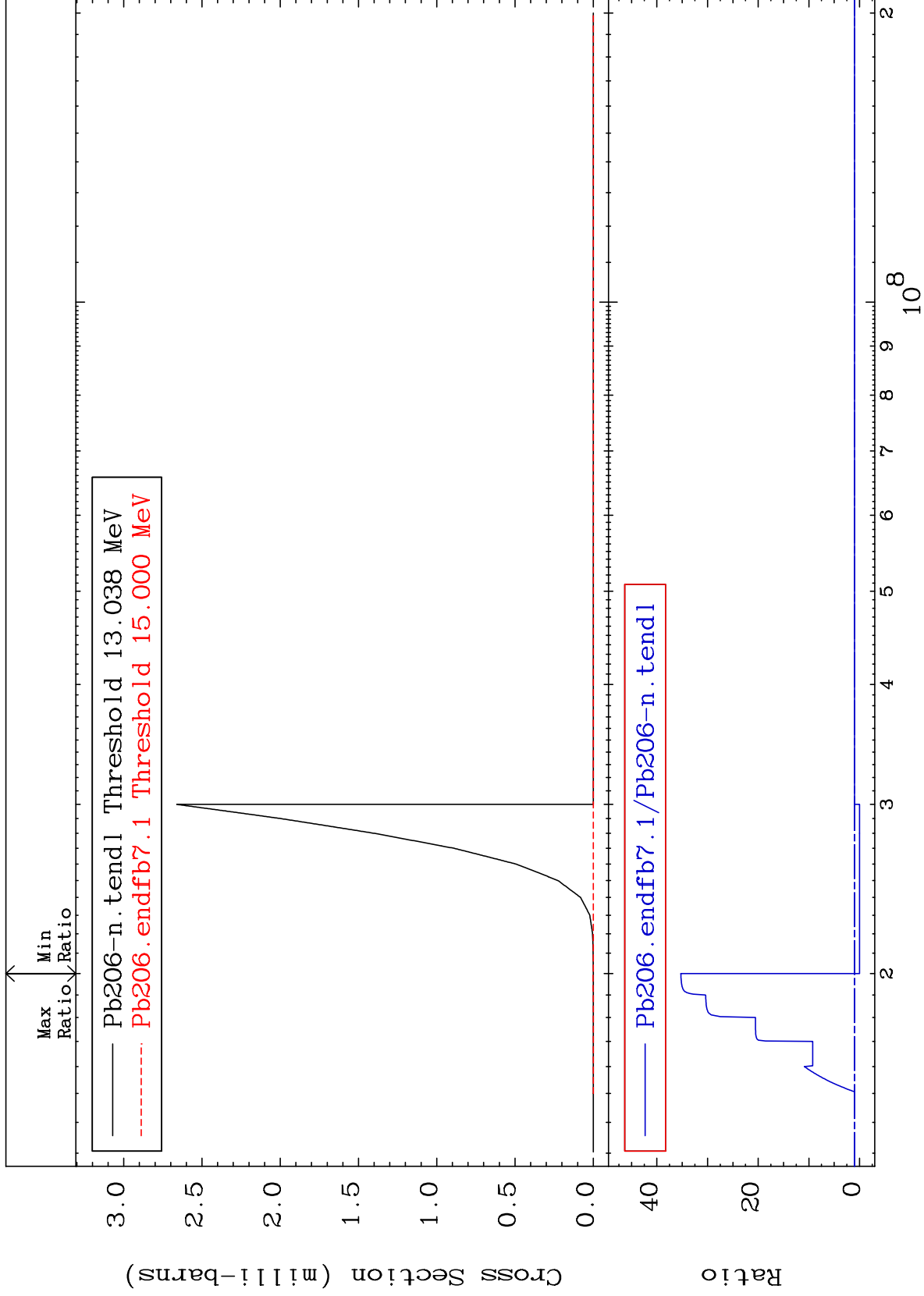
82-Pb-206  
-100.0 To 523.3 %



10

Incident Energy (eV)

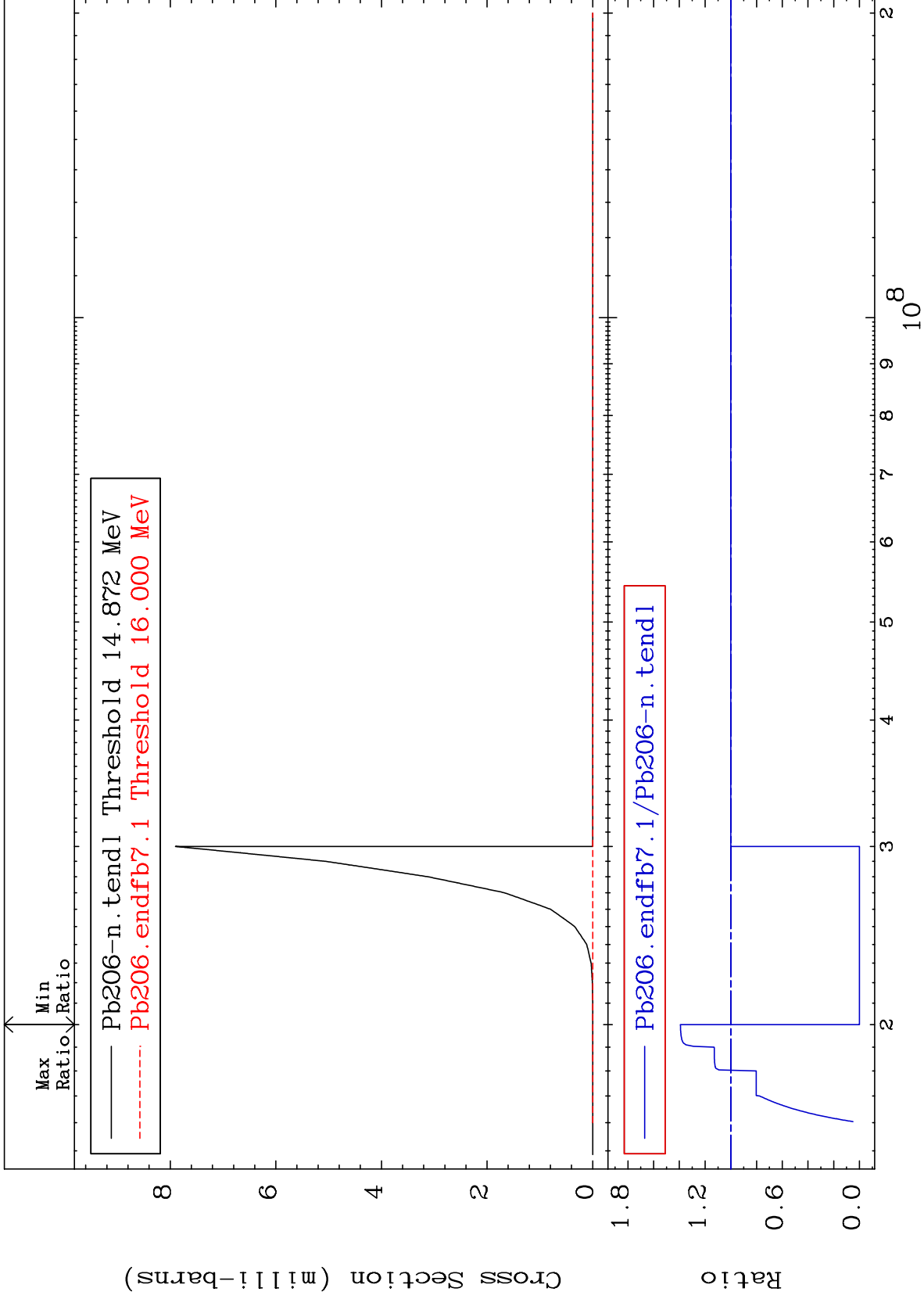
82-Pb-206



MAT 8231

(n,2n) p  
Cross Section

82-Pb-206  
-100.0 To 39.23 %



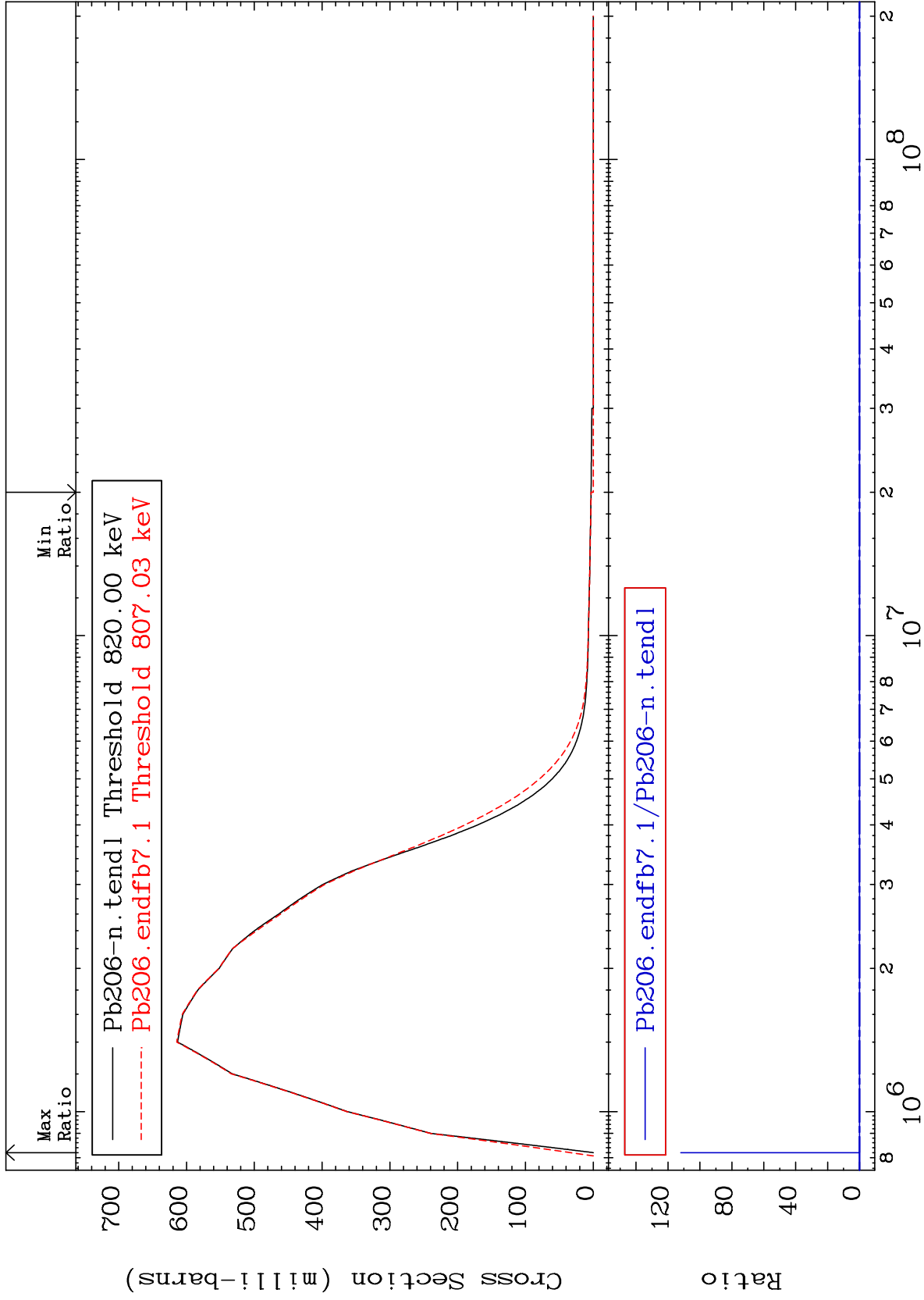
MAT 8231

803.1 keV (n,n') Level

82-Pb-206

-100.0 To 9999. %

Cross Section



13

Incident Energy (eV)

82-Pb-206

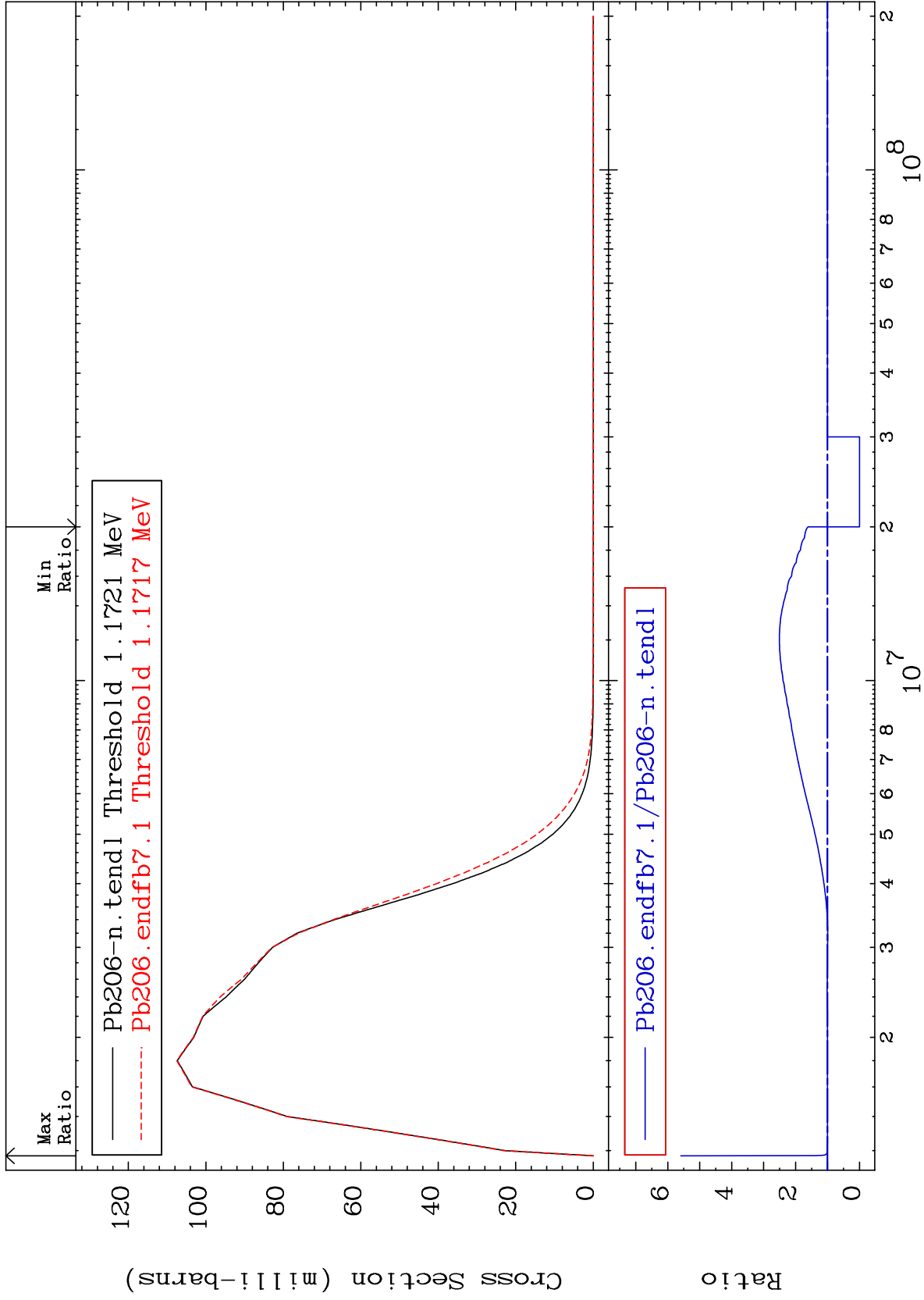
MAT 8231

1.166 MeV (n,n') Level

82-Pb-206

-100.0 To 459.3 %

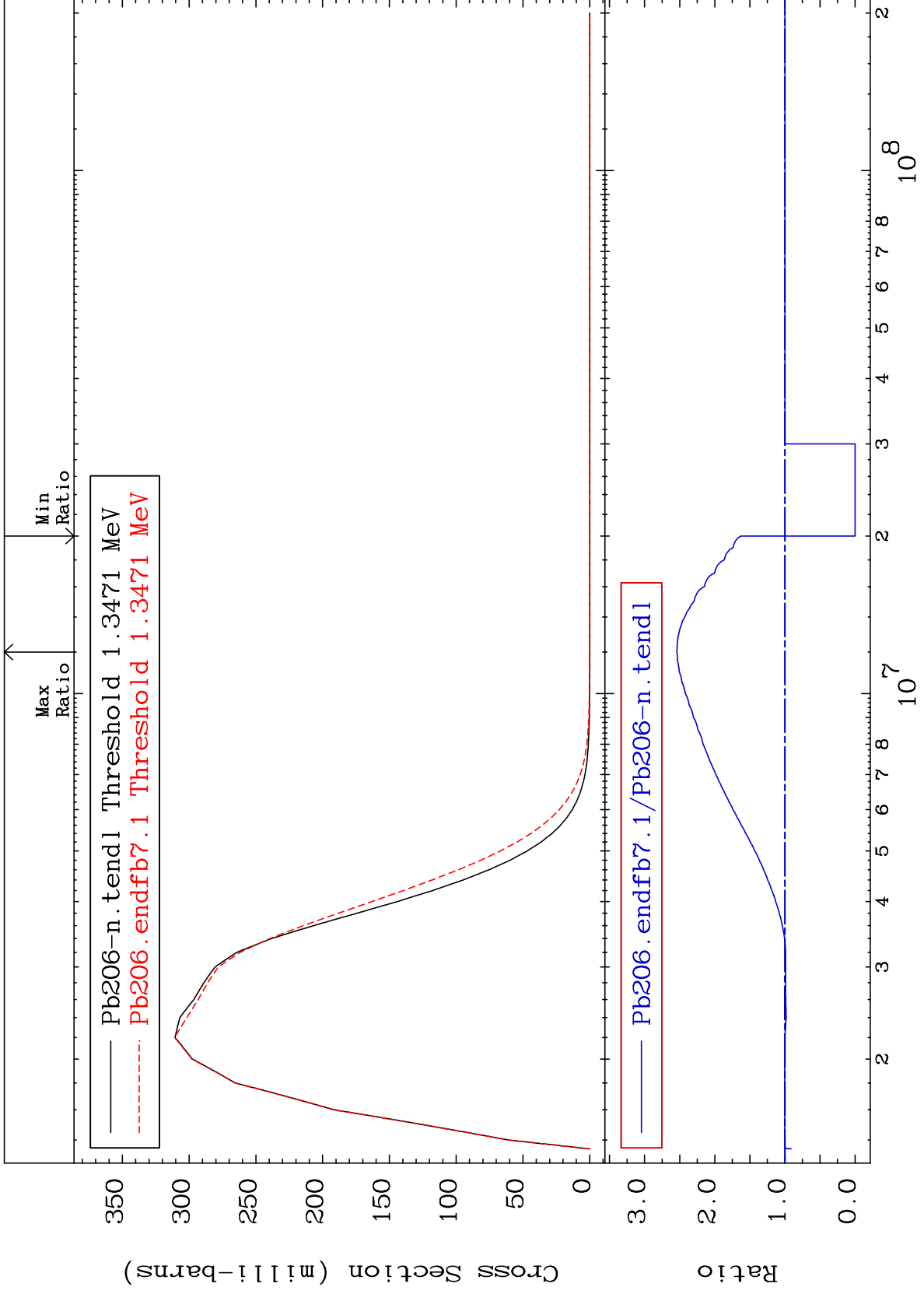
Cross Section



MAT 8231

1.340 MeV (n,n') Level  
Cross Section

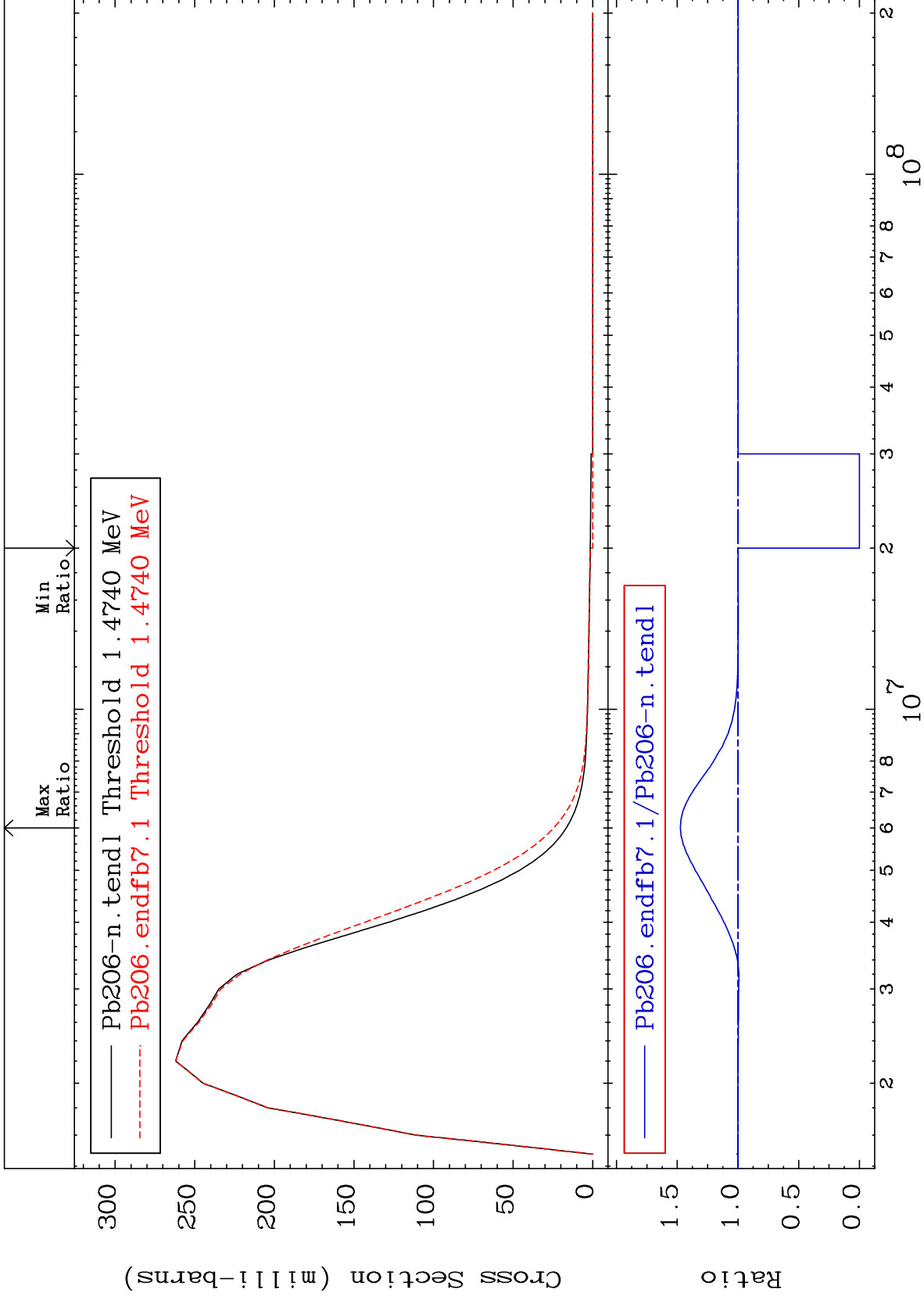
82-Pb-206  
-100.0 To 153.9 %



15

Incident Energy (eV)

82-Pb-206

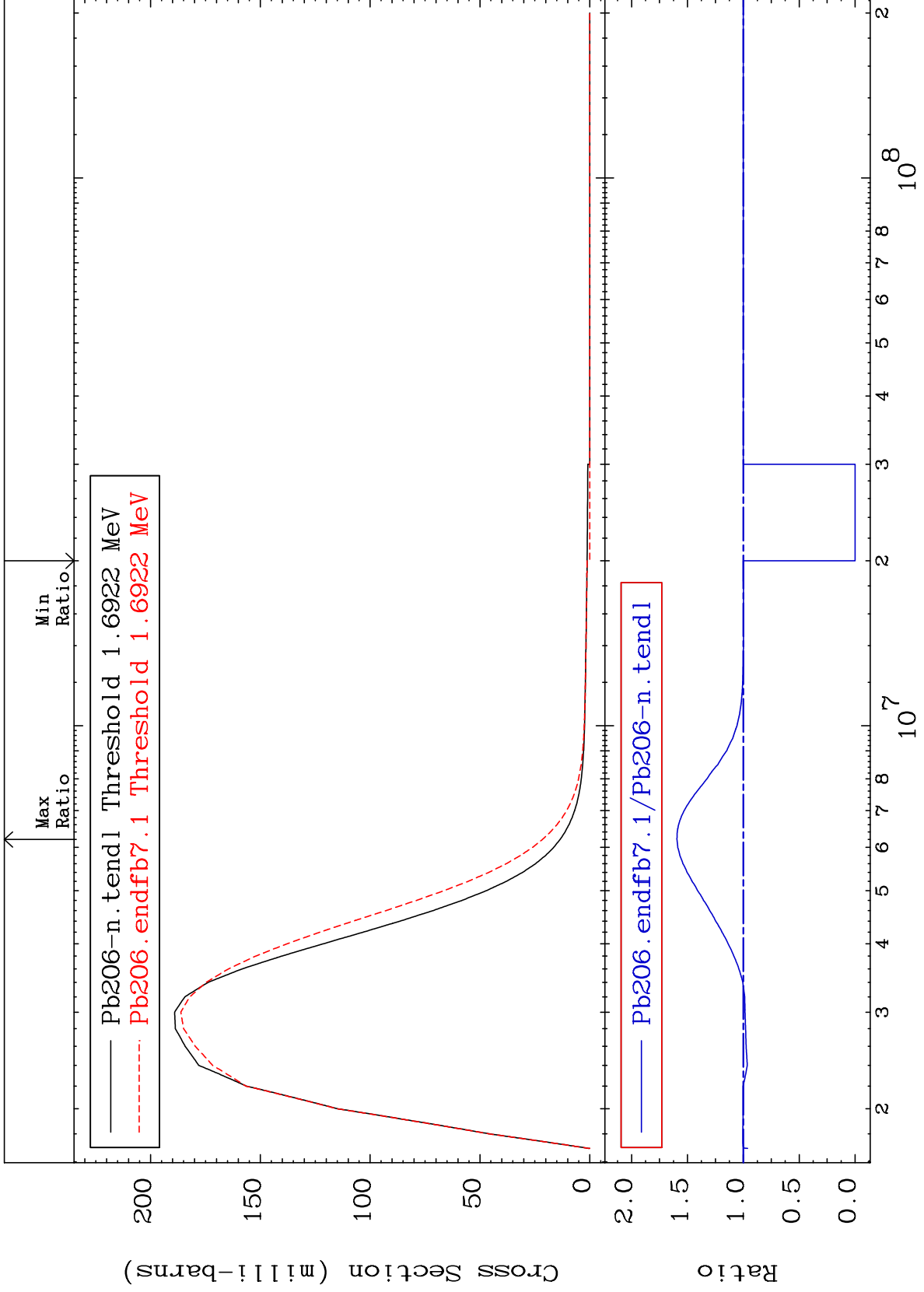




MAT 8231

1.684 MeV (n,n') Level  
Cross Section

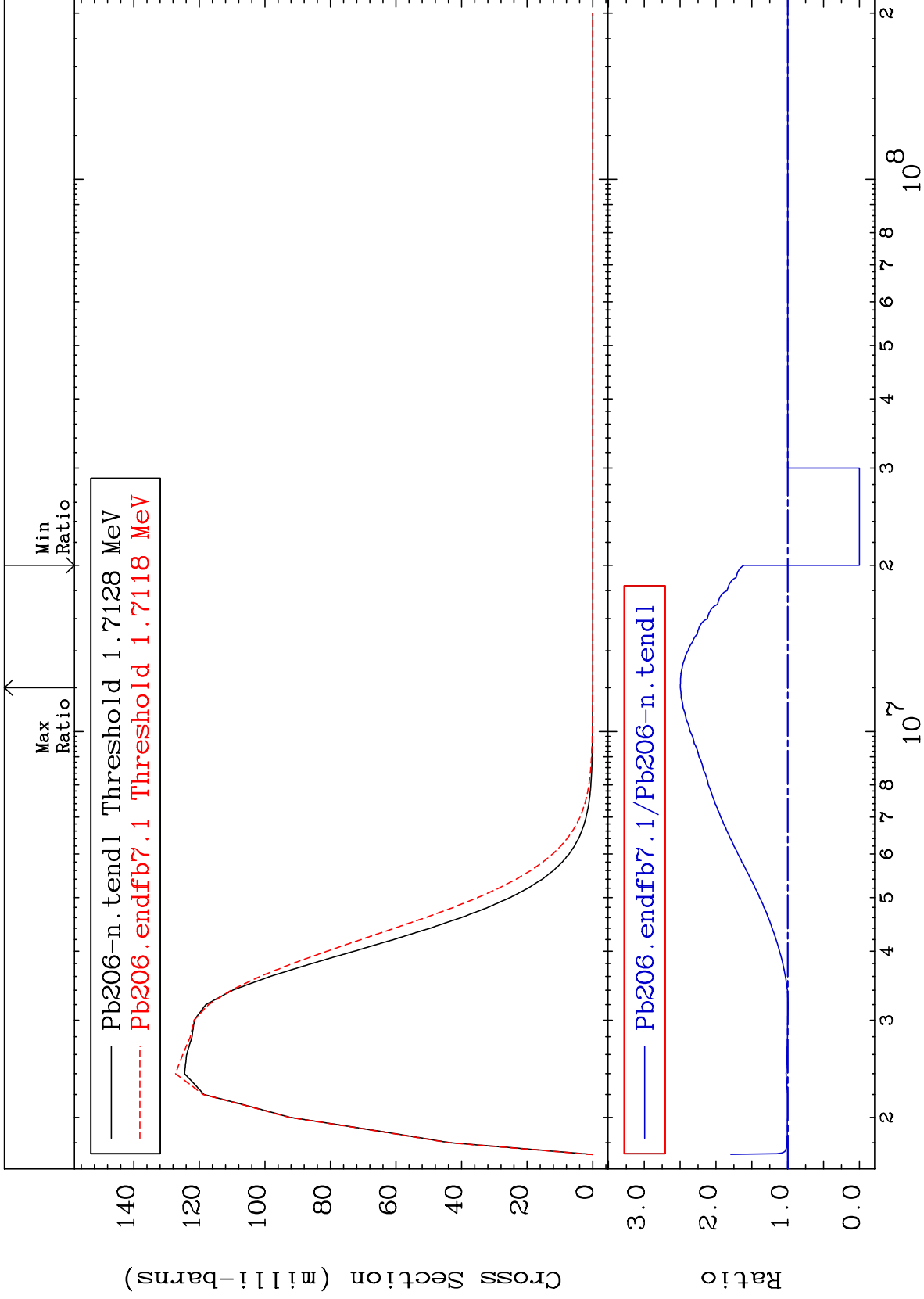
82-Pb-206  
-100.0 To 59.42 %



MAT 8231

1.704 MeV (n,n') Level  
Cross Section

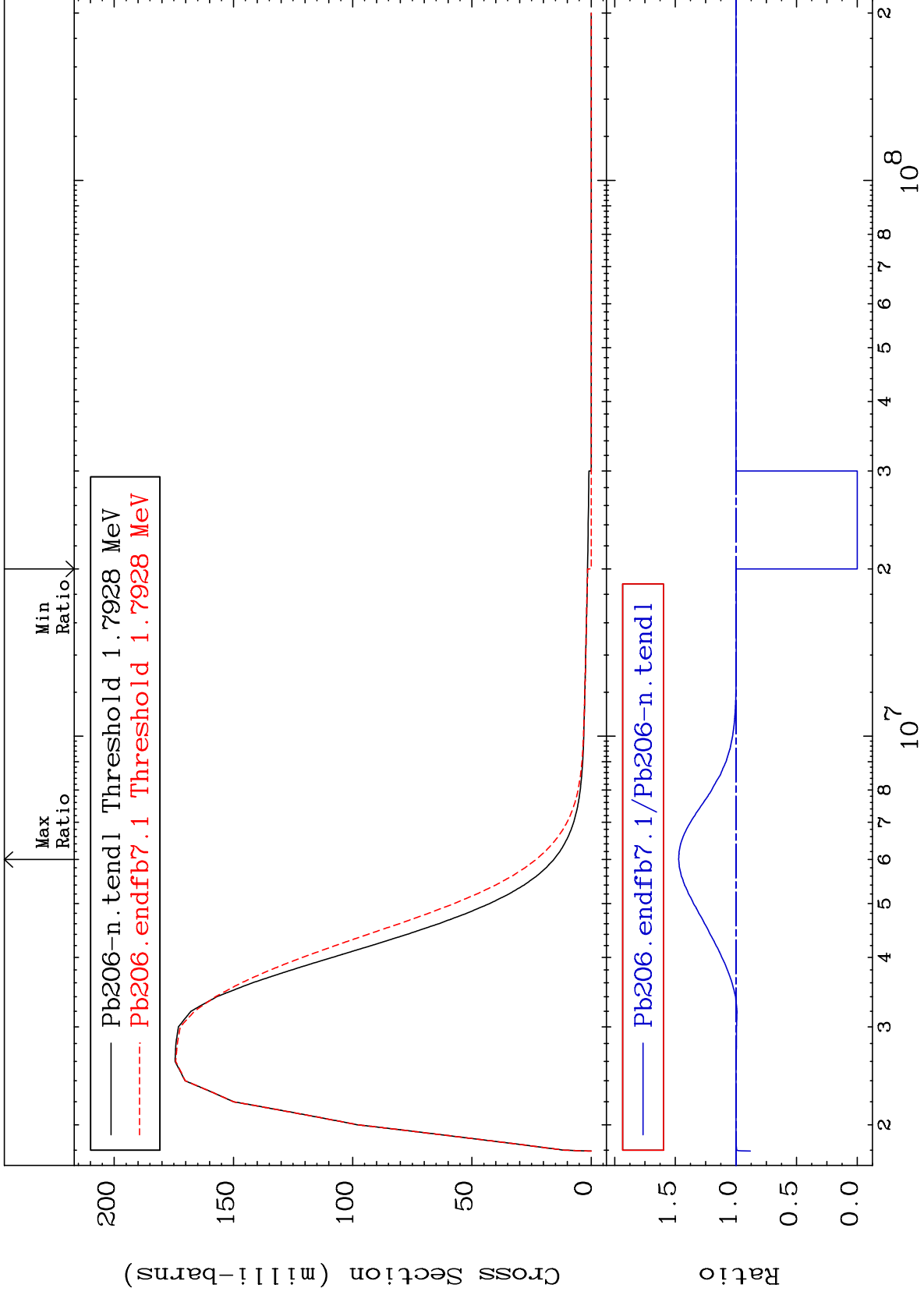
82-Pb-206  
-100.0 To 149.6 %



MAT 8231

1.784 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 47.26 %



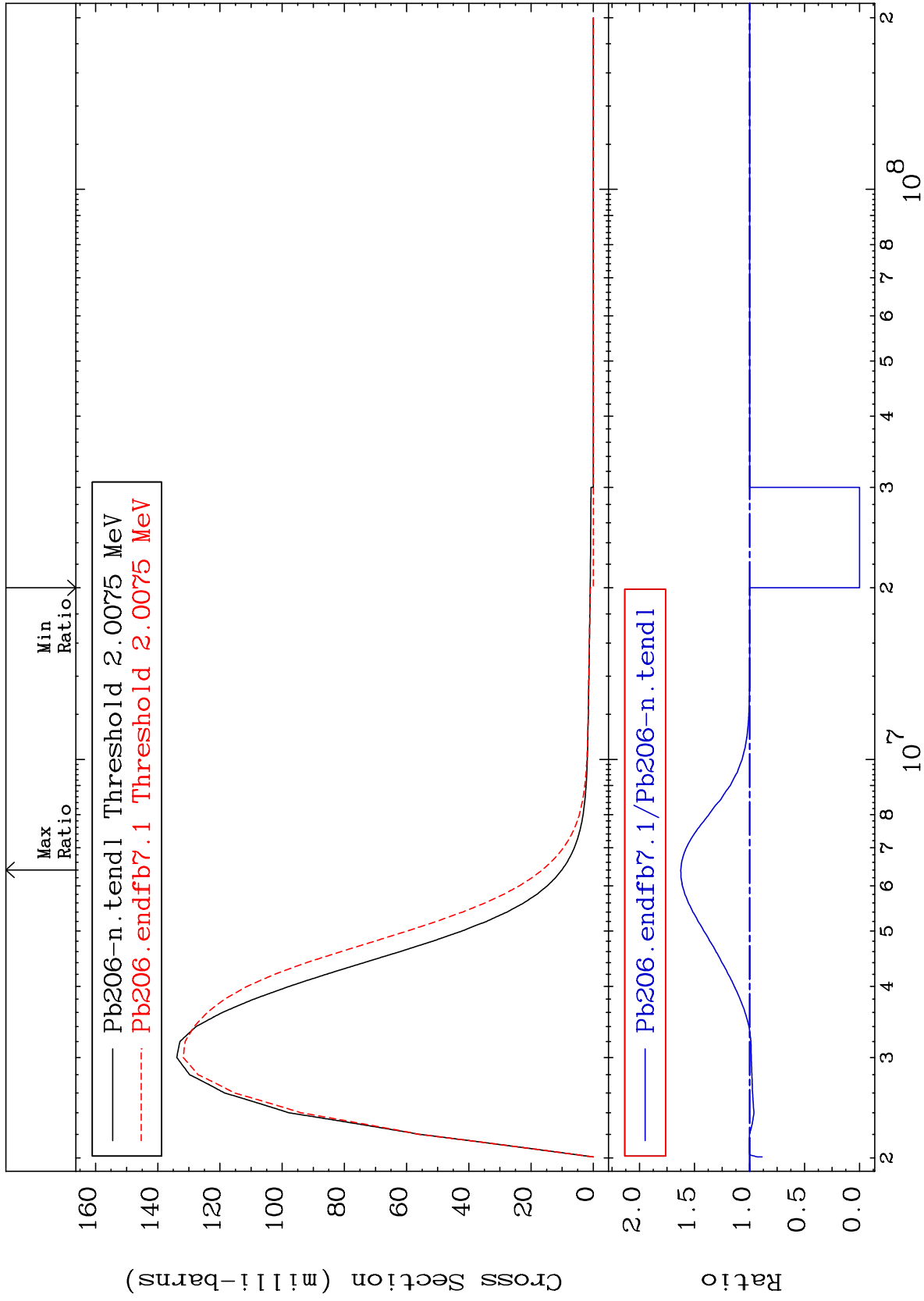
MAT 8231

1.998 MeV (n,n') Level

82-Pb-206

-100.0 To 62.53 %

Cross Section



20

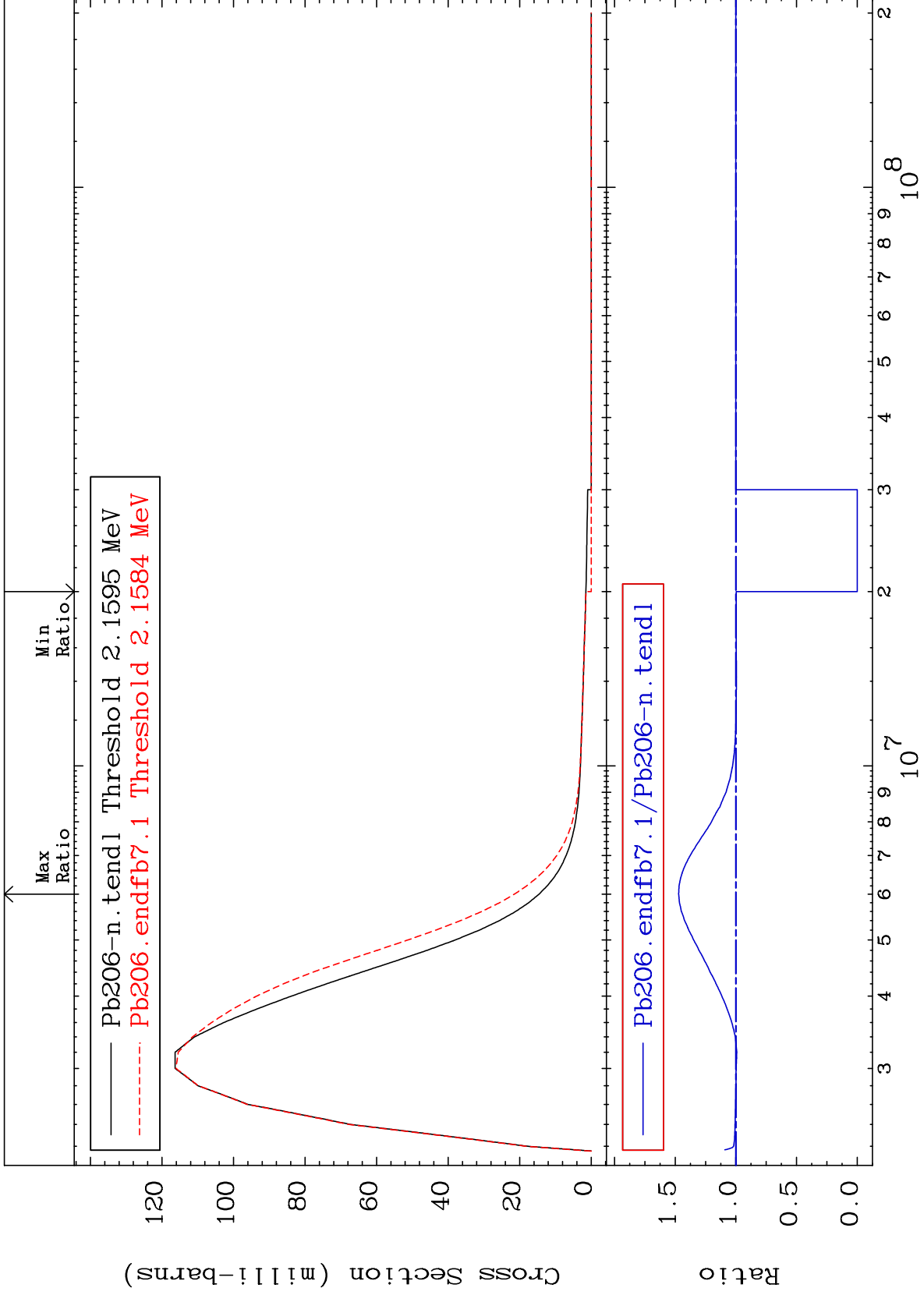
82-Pb-206

82-Pb-206

MAT 8231

2.149 MeV (n,n') Level  
Cross Section

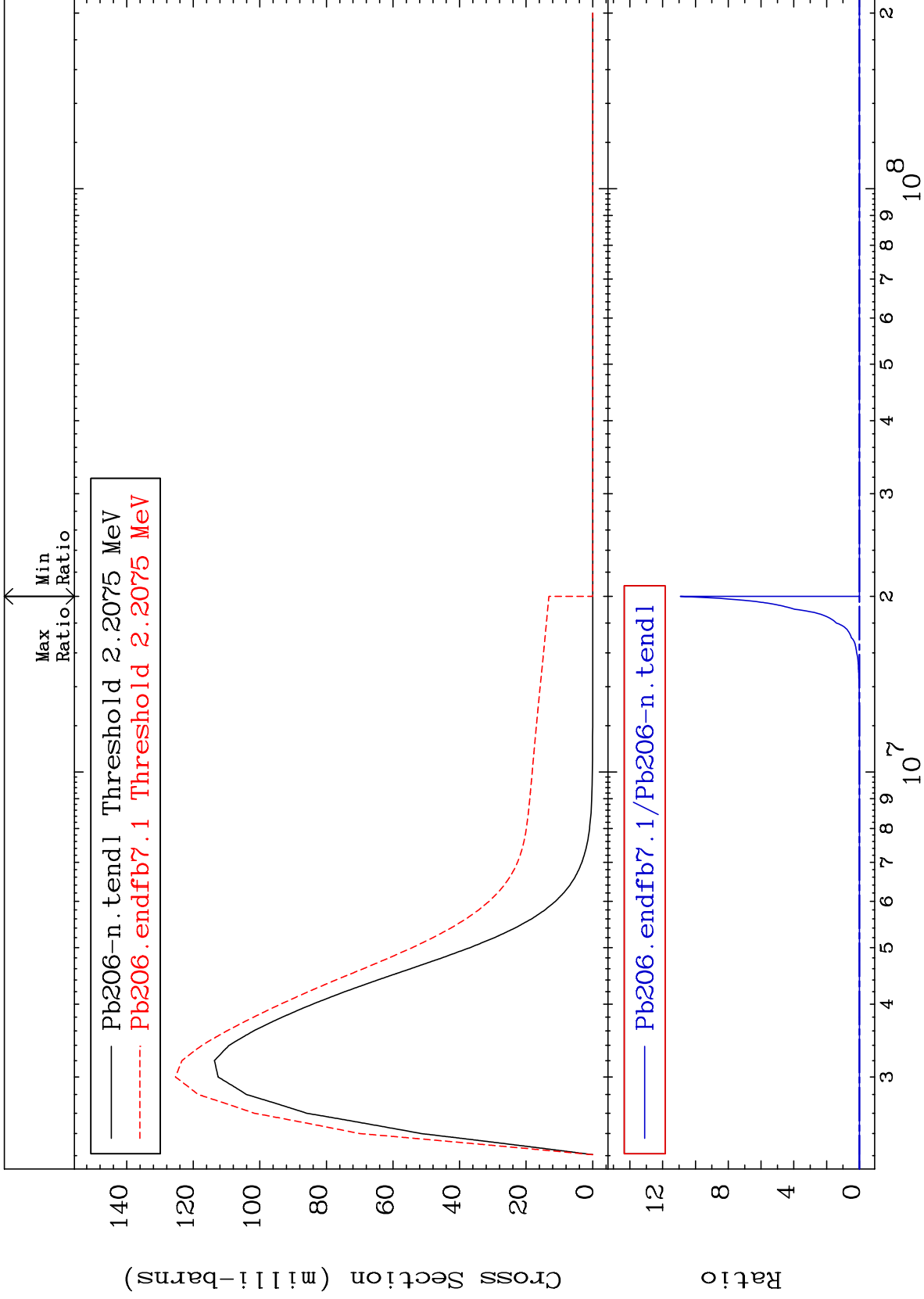
82-Pb-206  
-100.0 To 47.16 %



MAT 8231

2.197 MeV (n,n') Level  
Cross Section

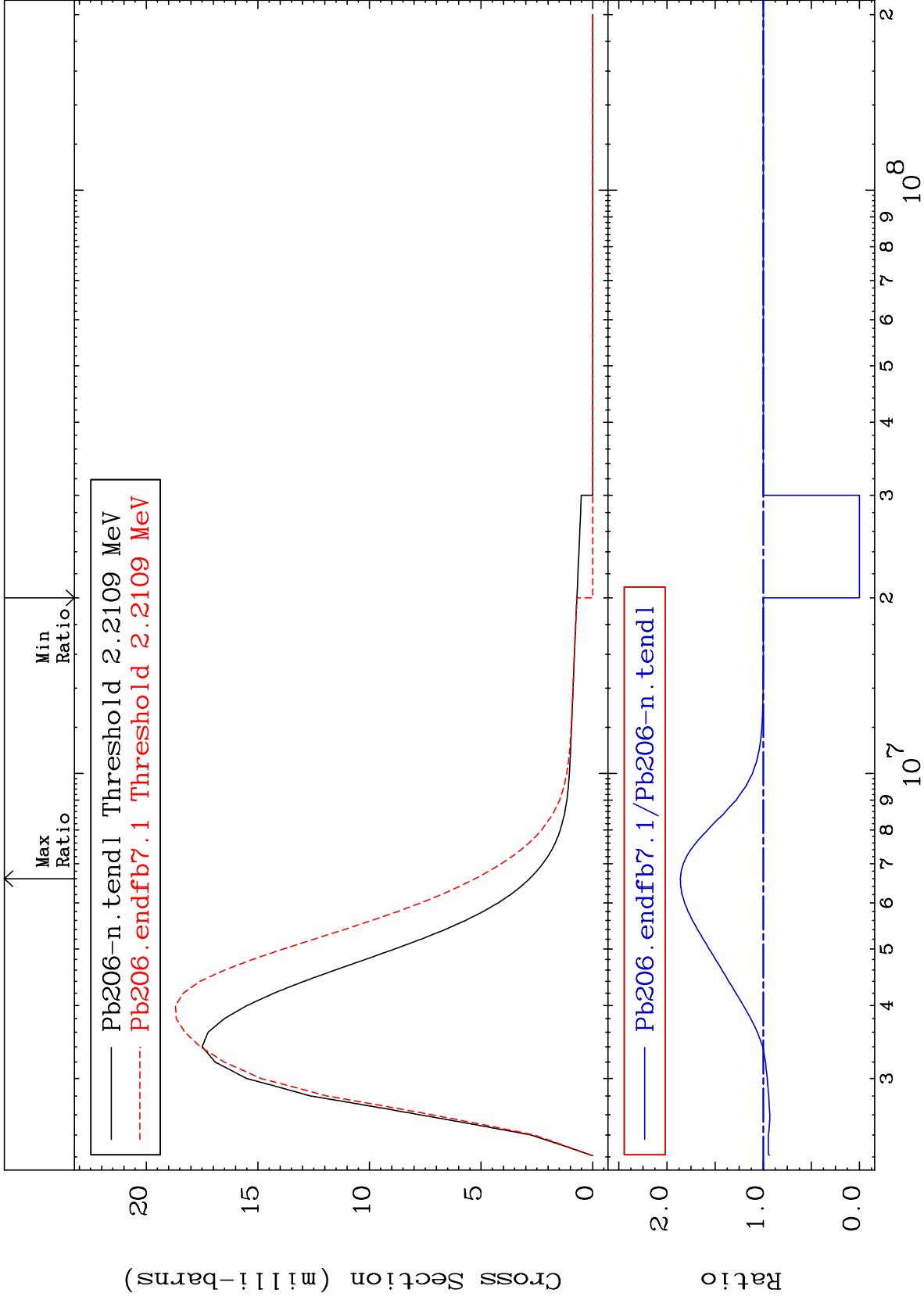
82-Pb-206  
-100.0 To 9999. %



MAT 8231

2.200 MeV (n,n') Level  
Cross Section

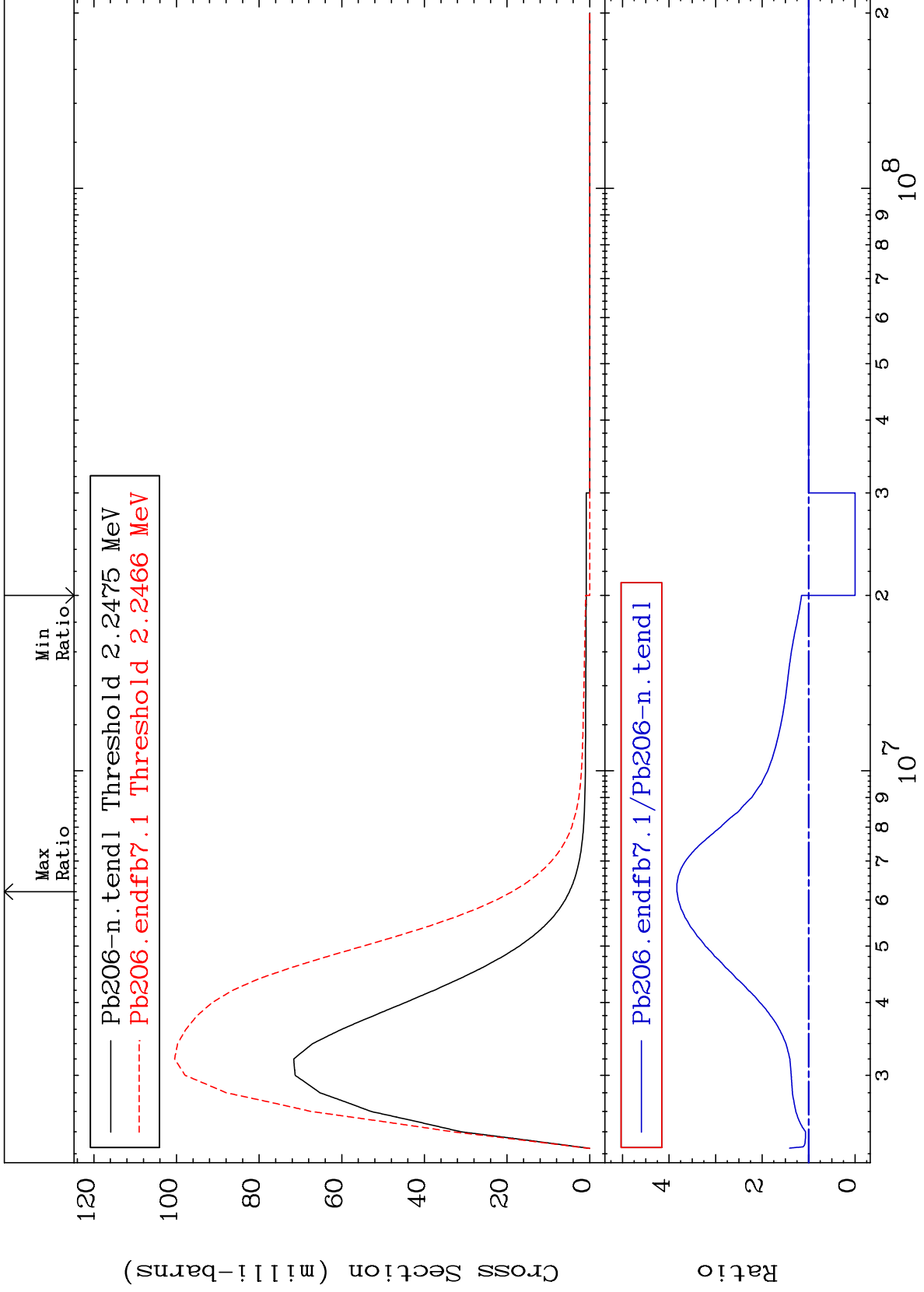
82-Pb-206  
-100.0 To 86.11 %



MAT 8231

2.237 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 283.1 %



24

Incident Energy (eV)

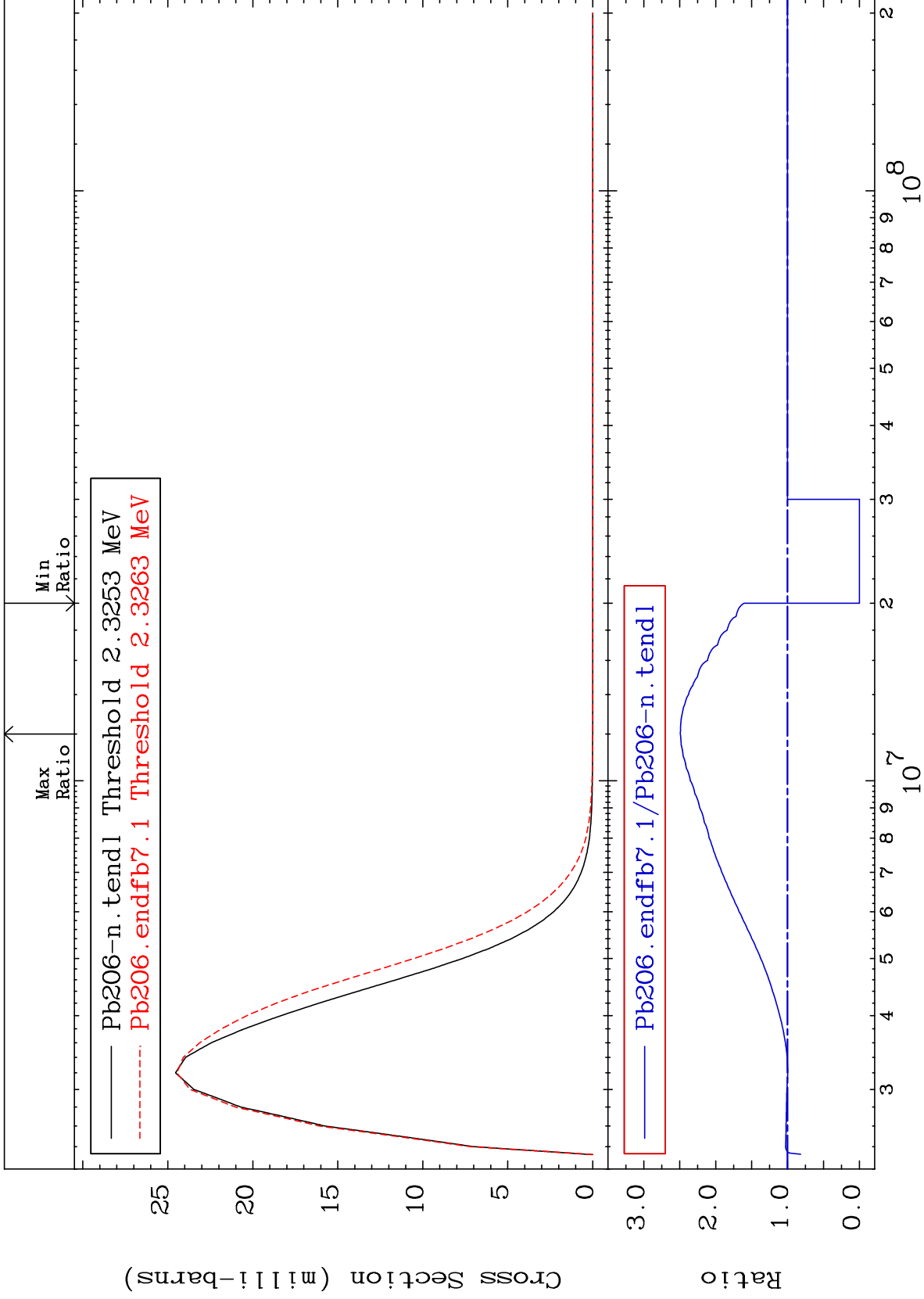
82-Pb-206



MAT 8231

2.314 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 149.1 %



25

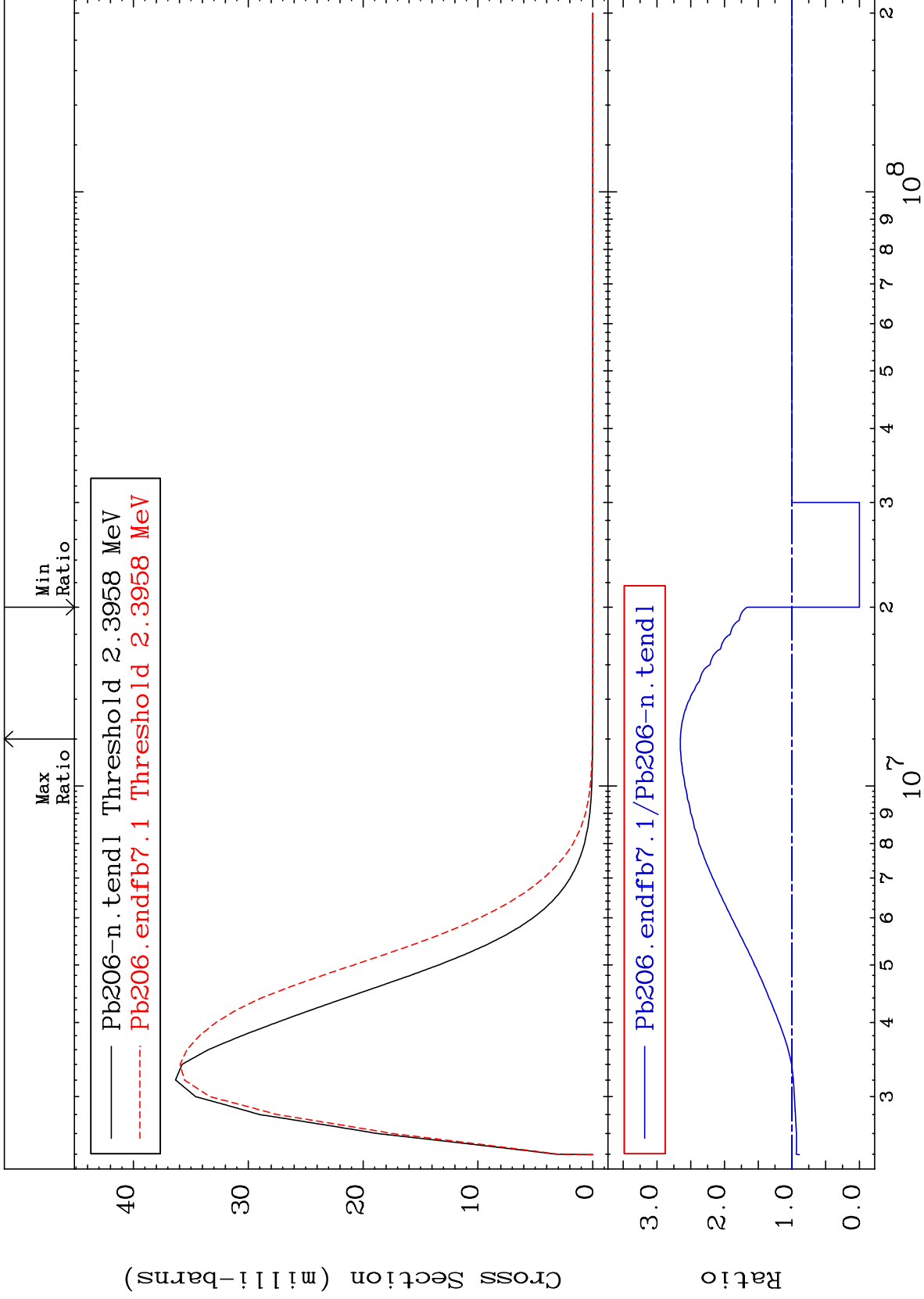
Incident Energy (eV)

82-Pb-206

MAT 8231

2.384 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 165.3 %



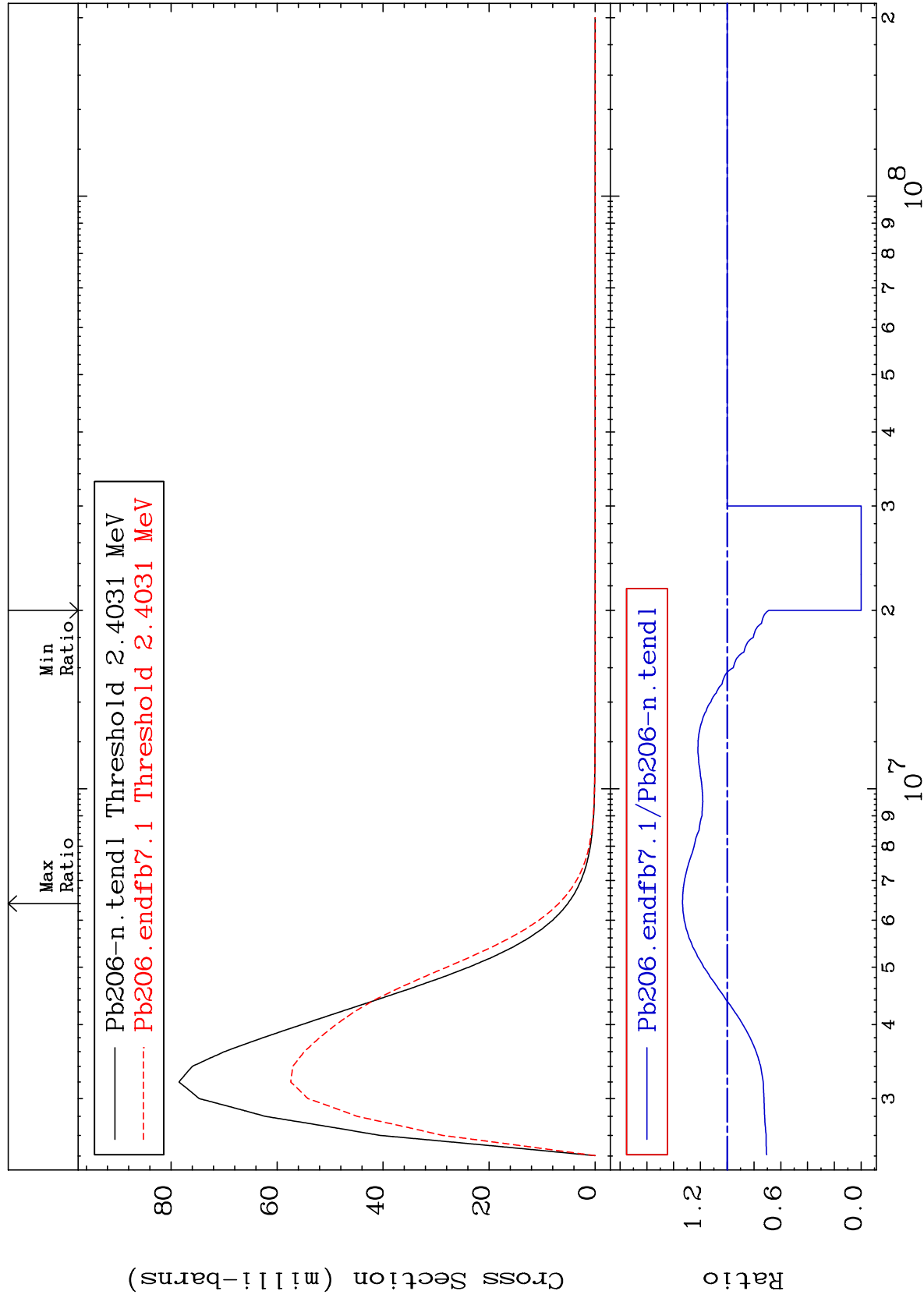
MAT 8231

2.391 MeV (n,n') Level

82-Pb-206

-100.0 To 33.37 %

Cross Section



27

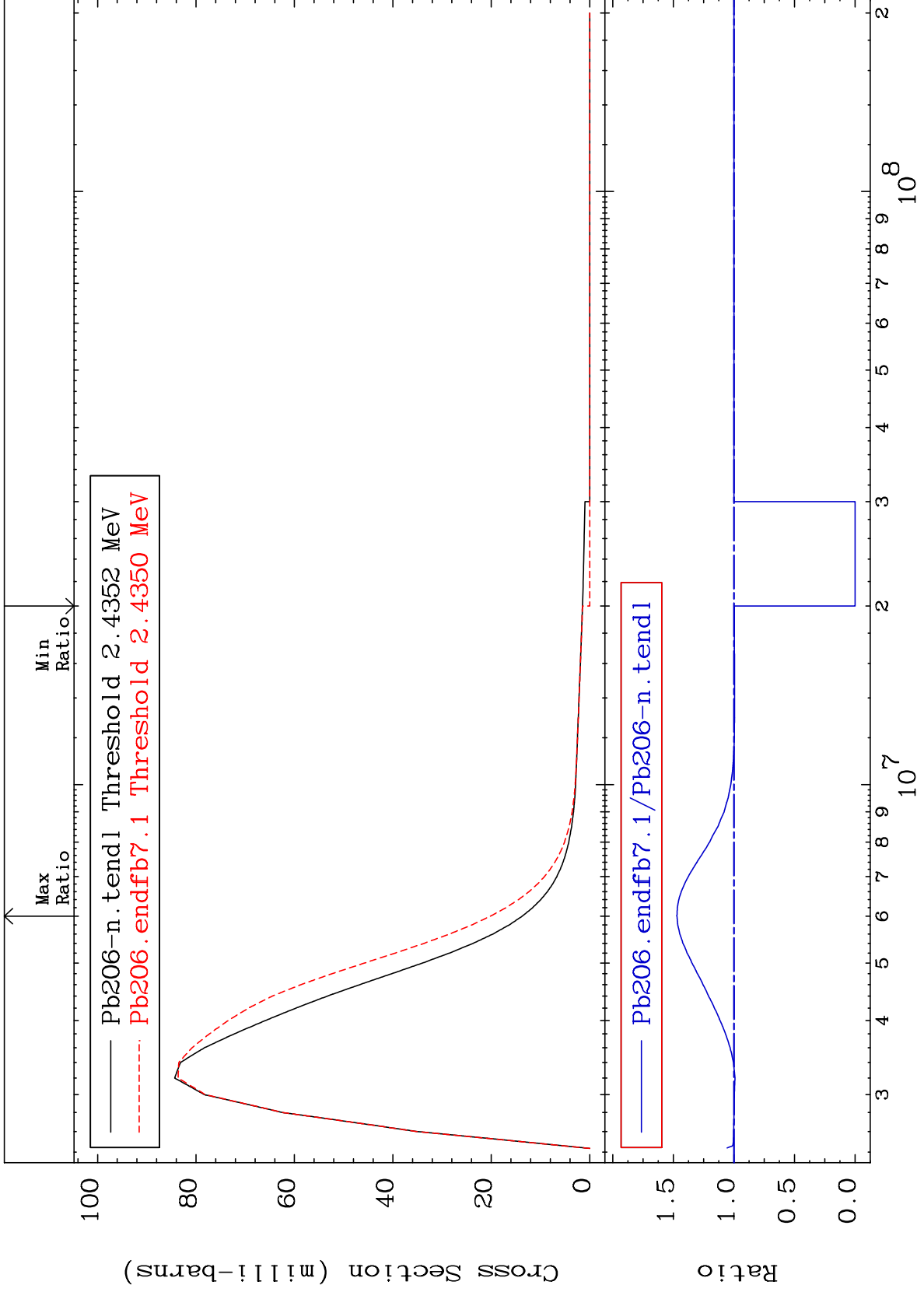
Incident Energy (eV)

82-Pb-206

MAT 8231

2.423 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 47.10 %



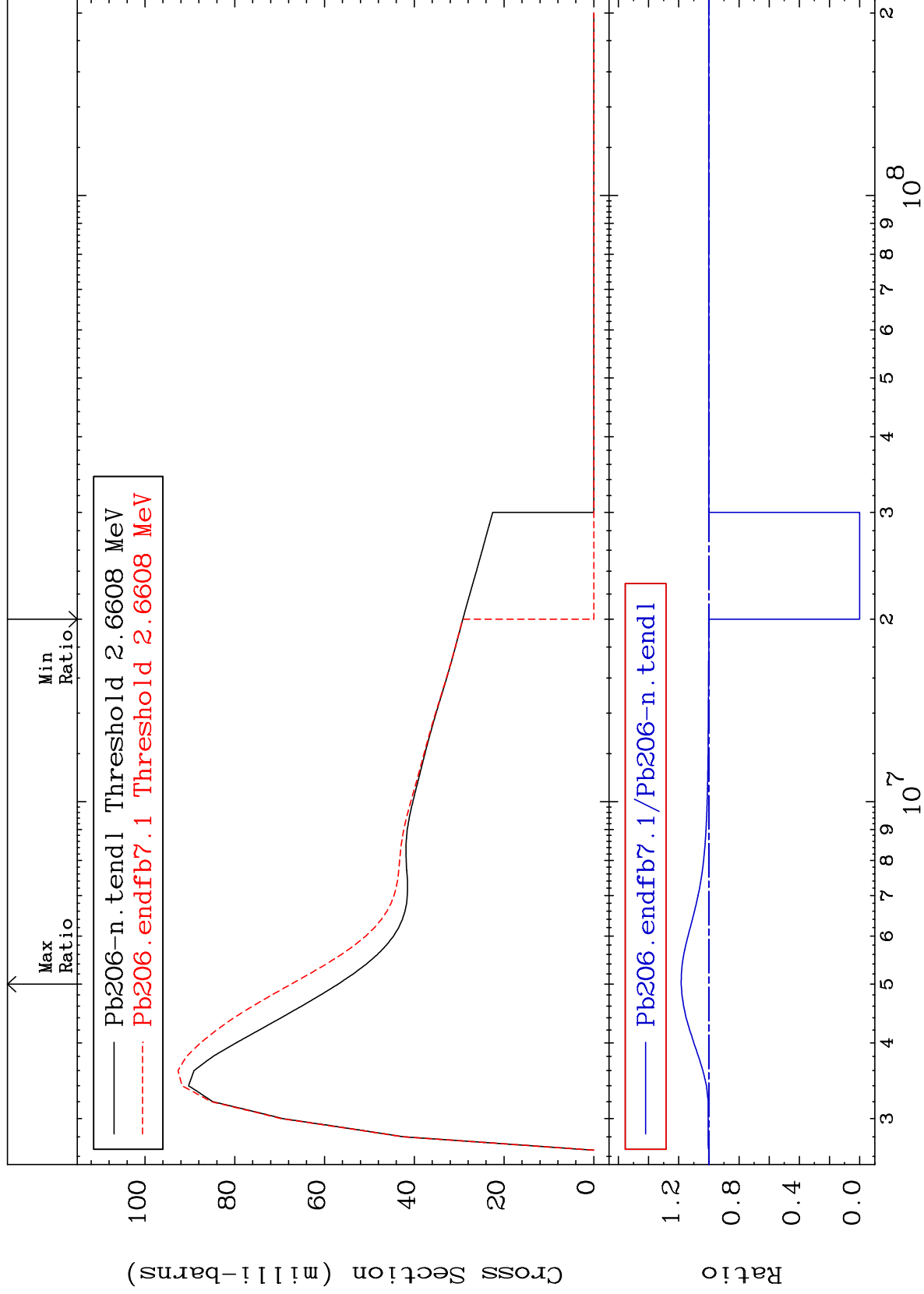
MAT 8231

2.648 MeV (n,n') Level

82-Pb-206

-100.0 To 18.36 %

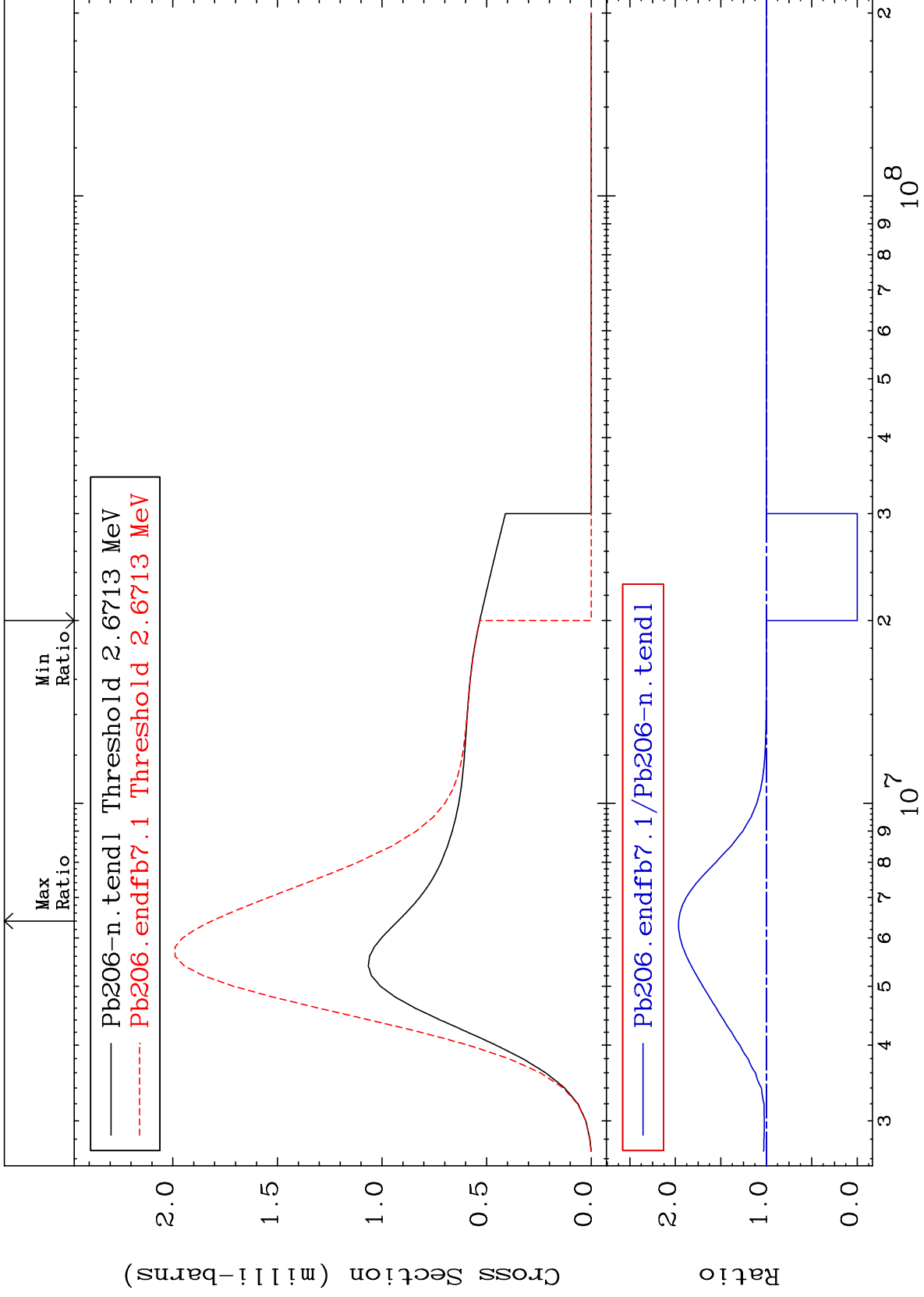
Cross Section



MAT 8231

2.658 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 96.40 %



30

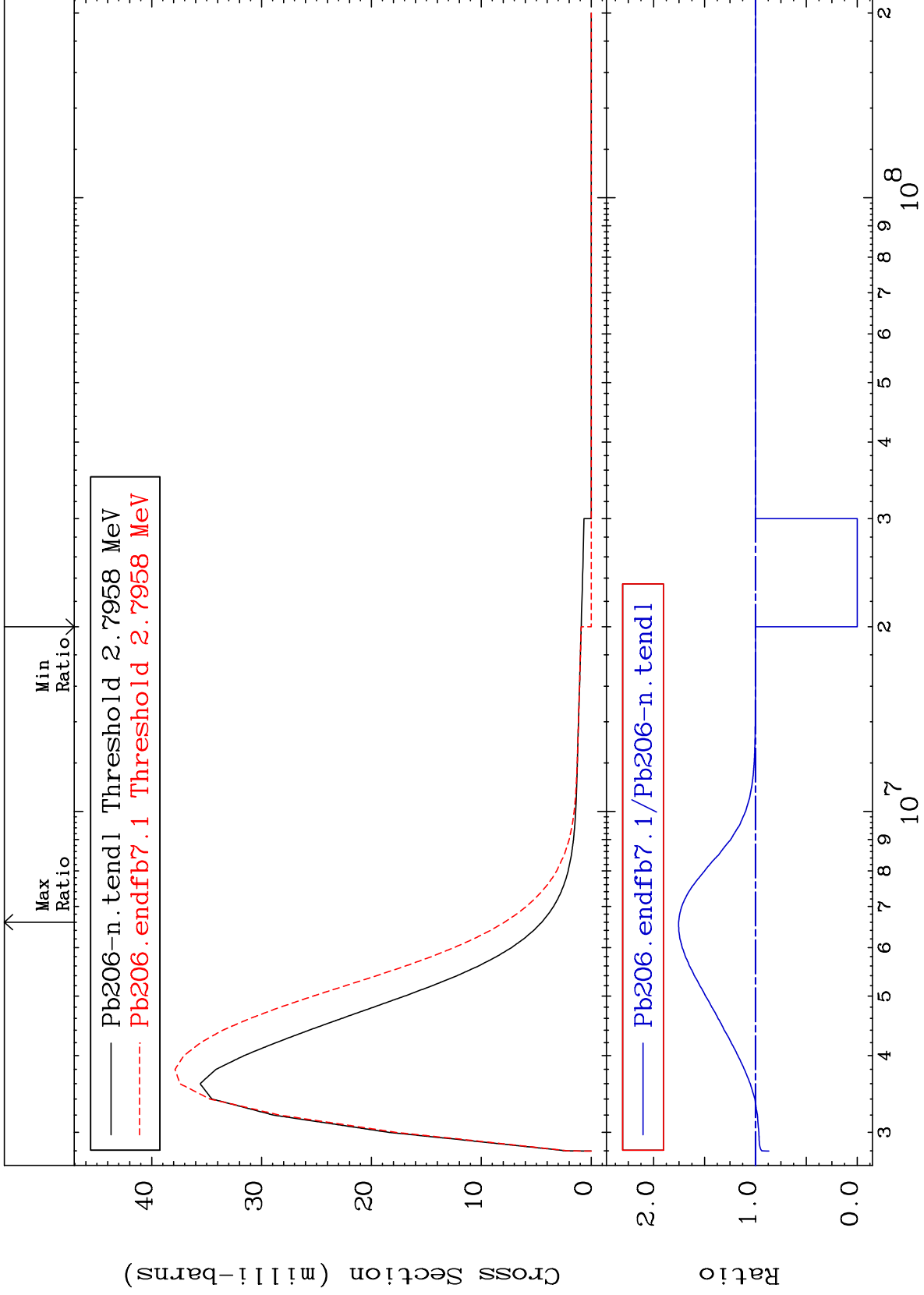
Incident Energy (eV)

82-Pb-206

MAT 8231

2.782 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 75.45 %



31

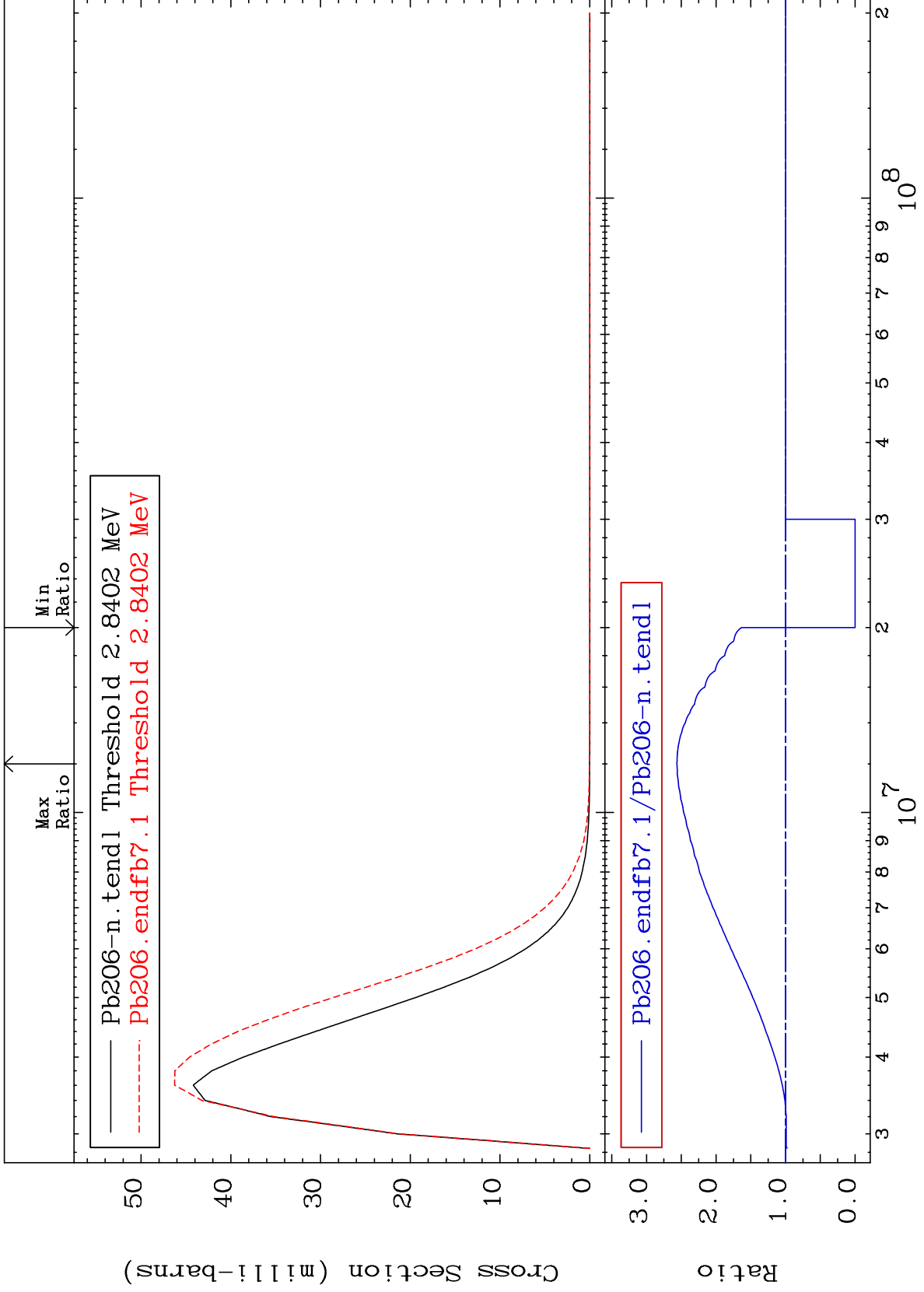
Incident Energy (eV)

82-Pb-206

MAT 8231

2.826 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 156.3 %



32

Incident Energy (eV)

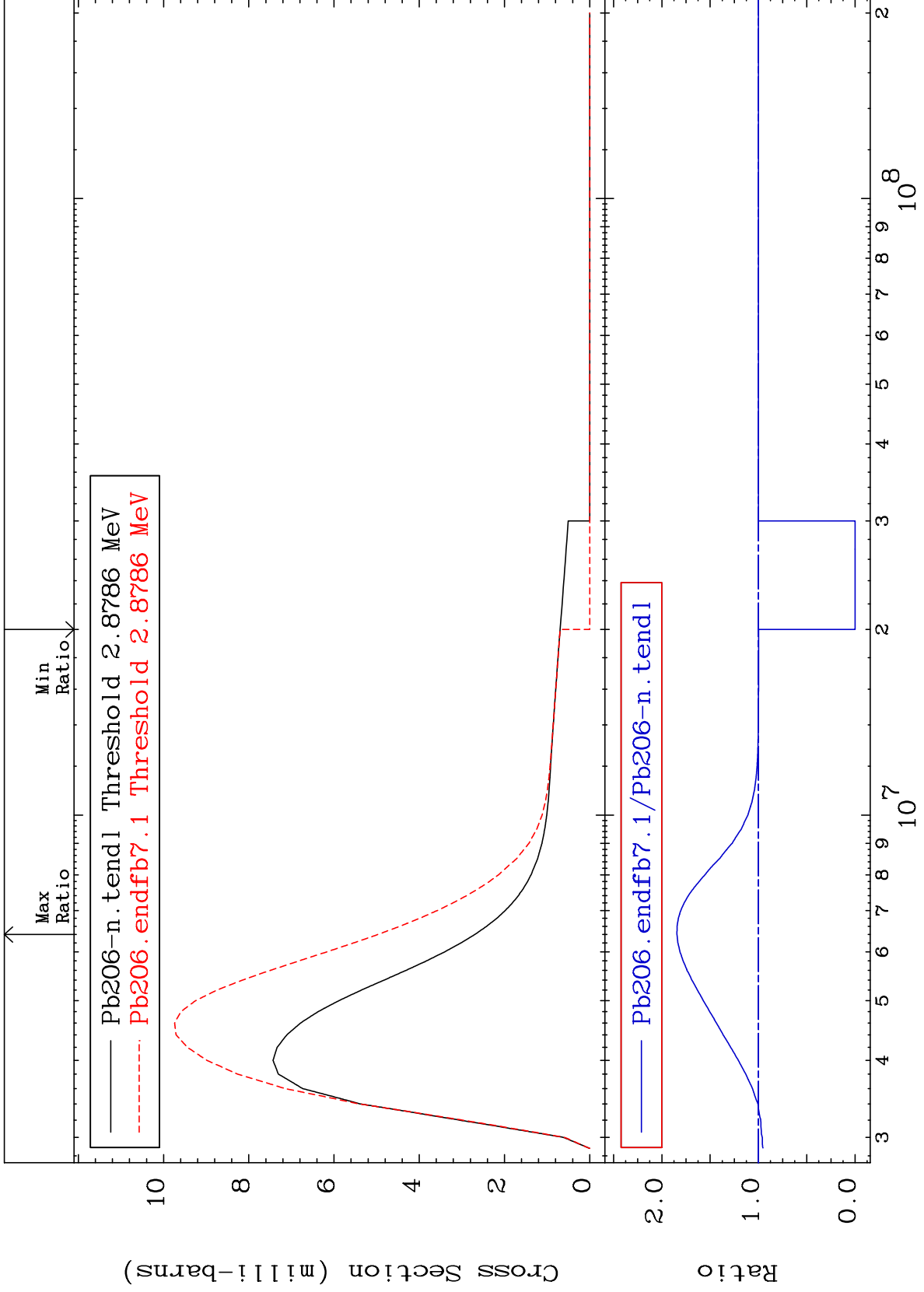
82-Pb-206



MAT 8231

2.865 MeV (n,n') Level  
Cross Section

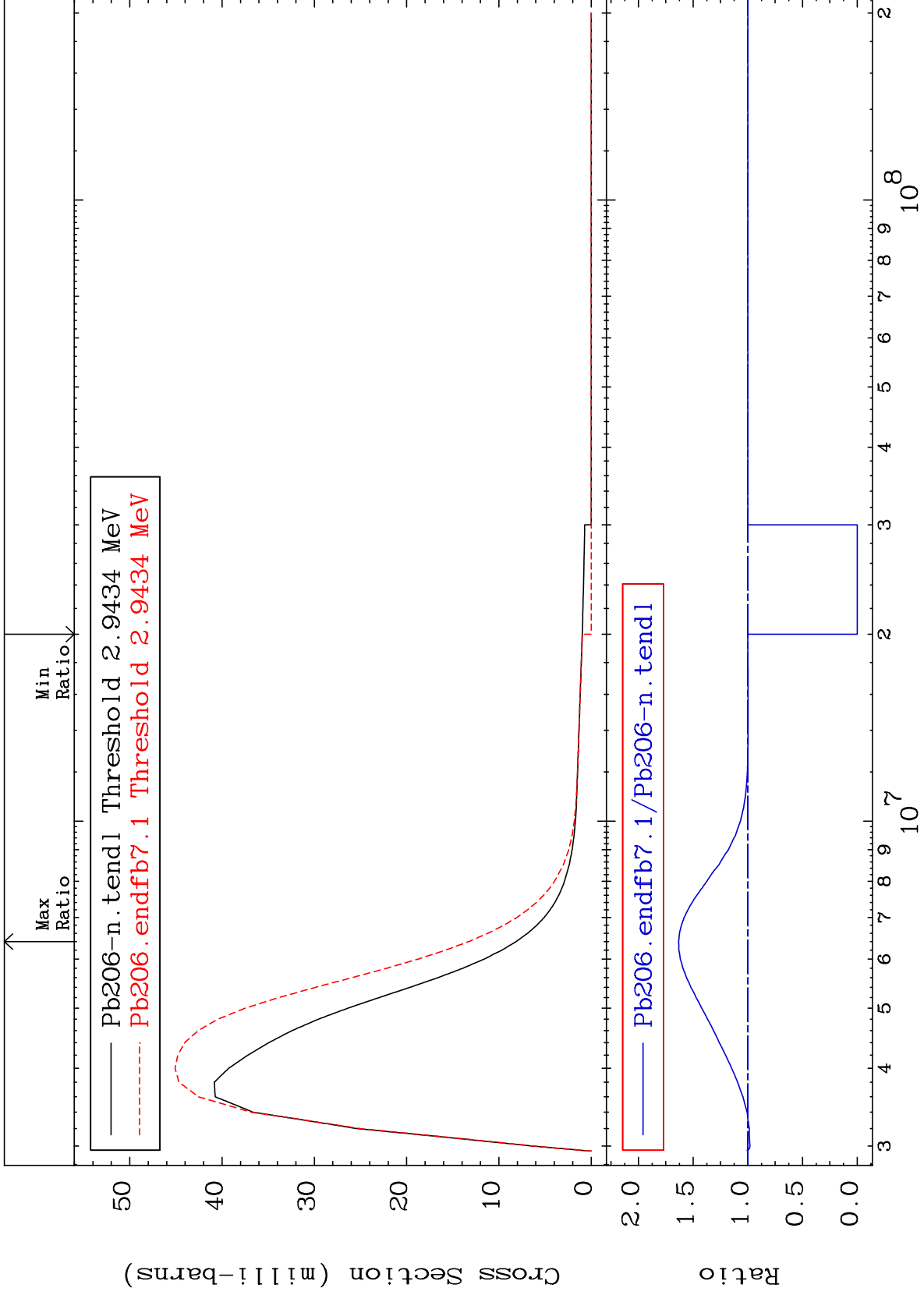
82-Pb-206  
-100.0 To 84.39 %



MAT 8231

2.929 MeV (n,n') Level  
Cross Section

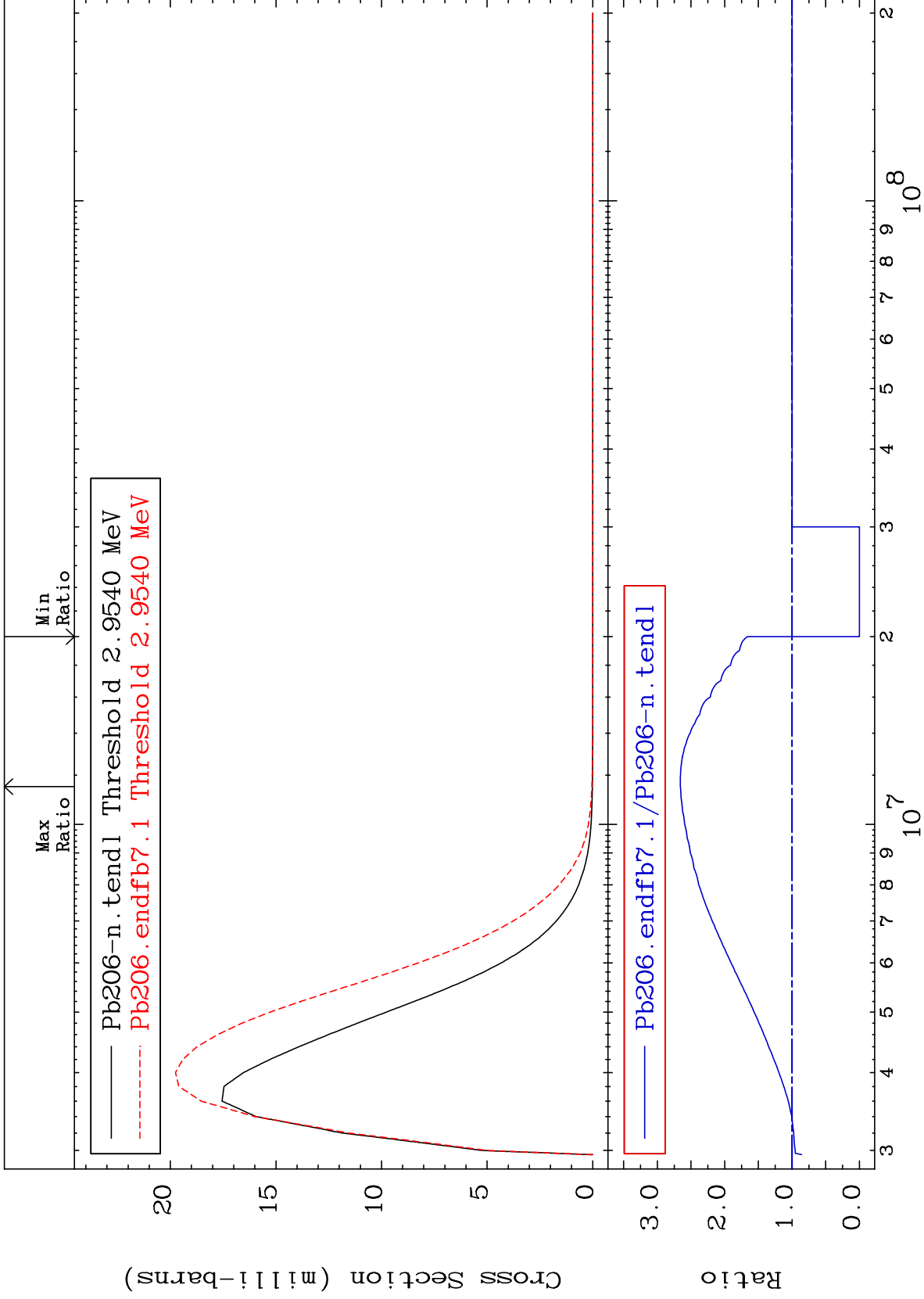
82-Pb-206  
-100.0 To 63.24 %



MAT 8231

2.940 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 165.8 %



35

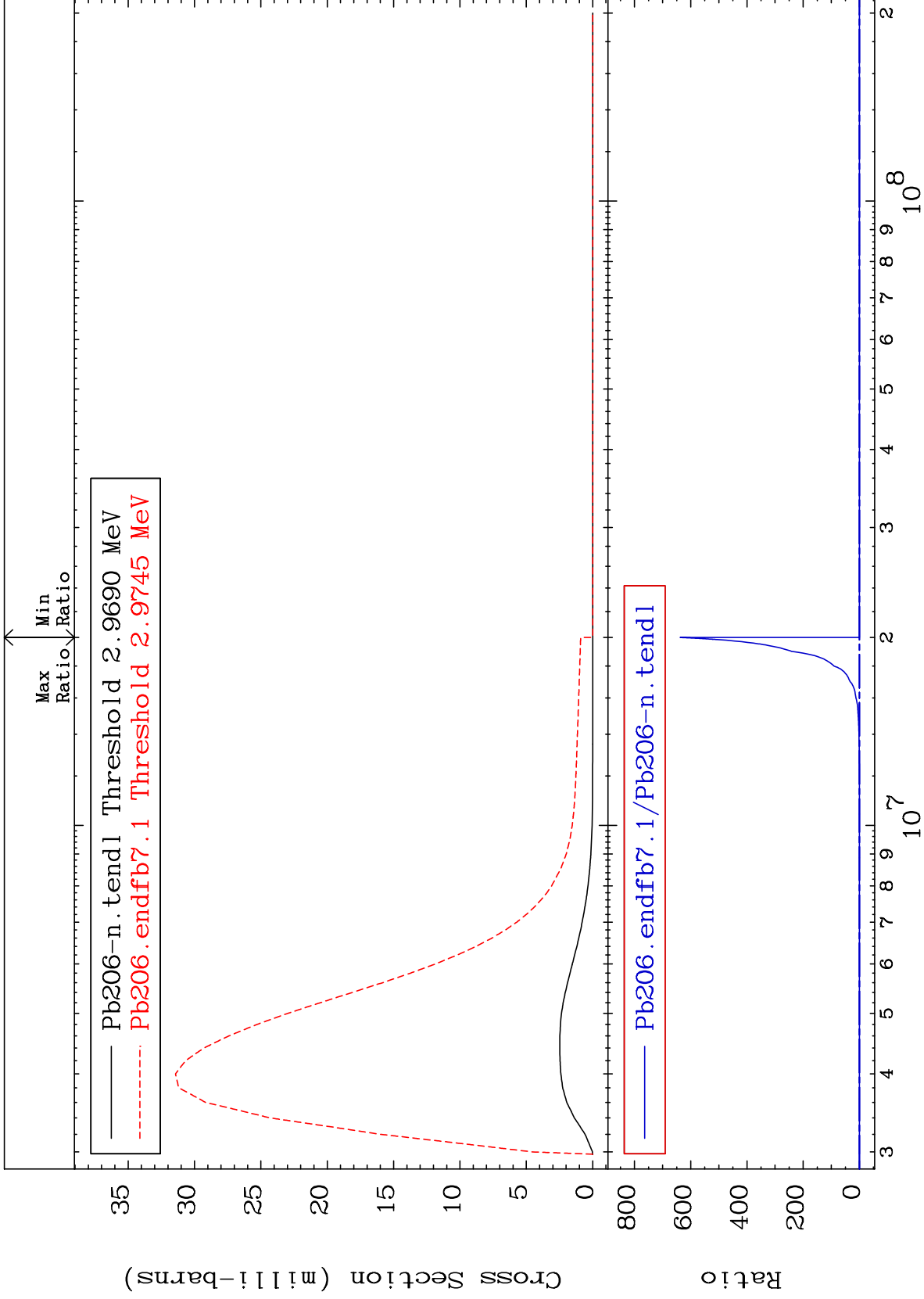
Incident Energy (eV)

82-Pb-206

MAT 8231

2.955 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 9999. %



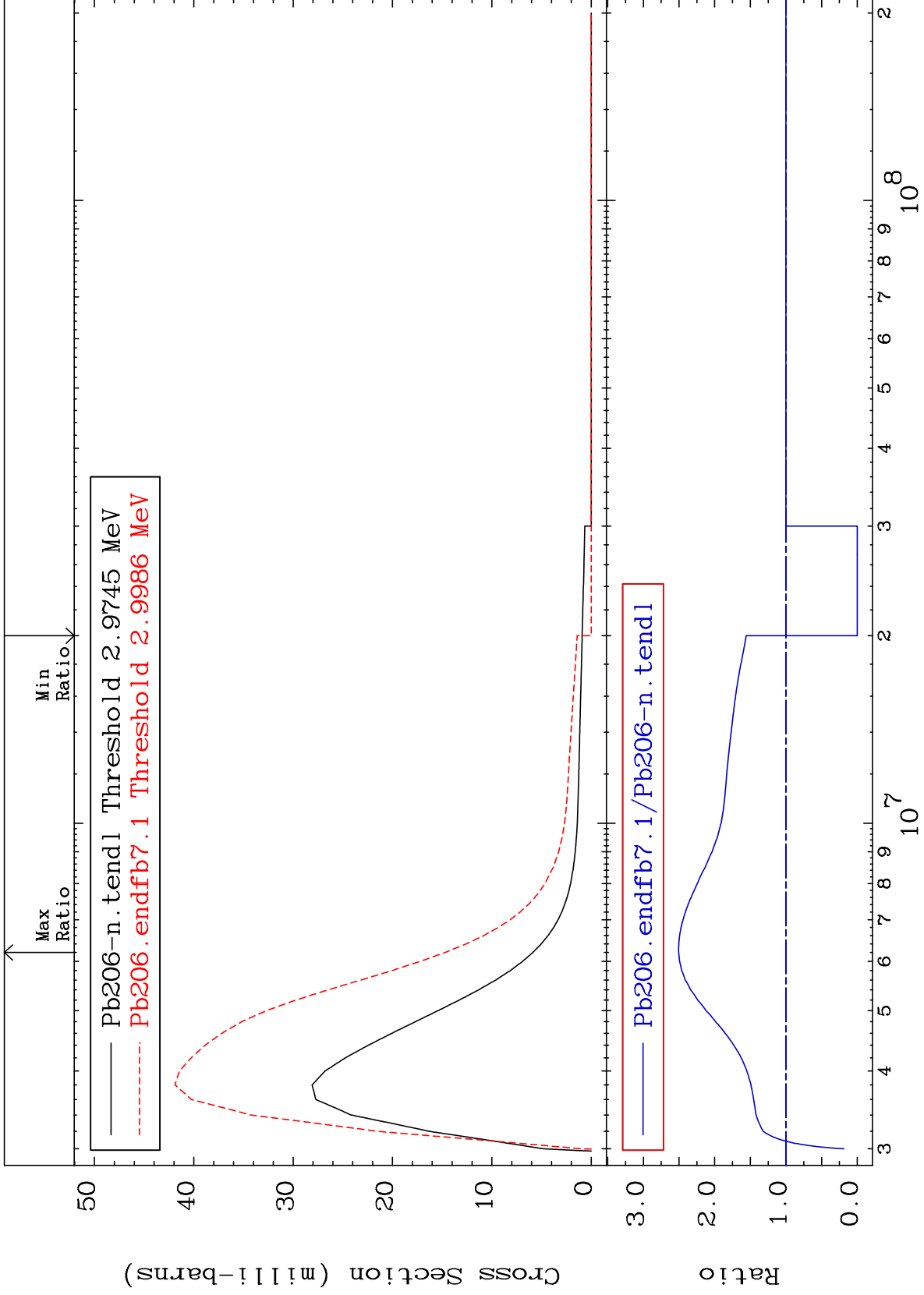
36

82-Pb-206

MAT 8231

2.960 MeV (n,n') Level  
Cross Section

82-Pb-206  
-100.0 To 150.5 %



37

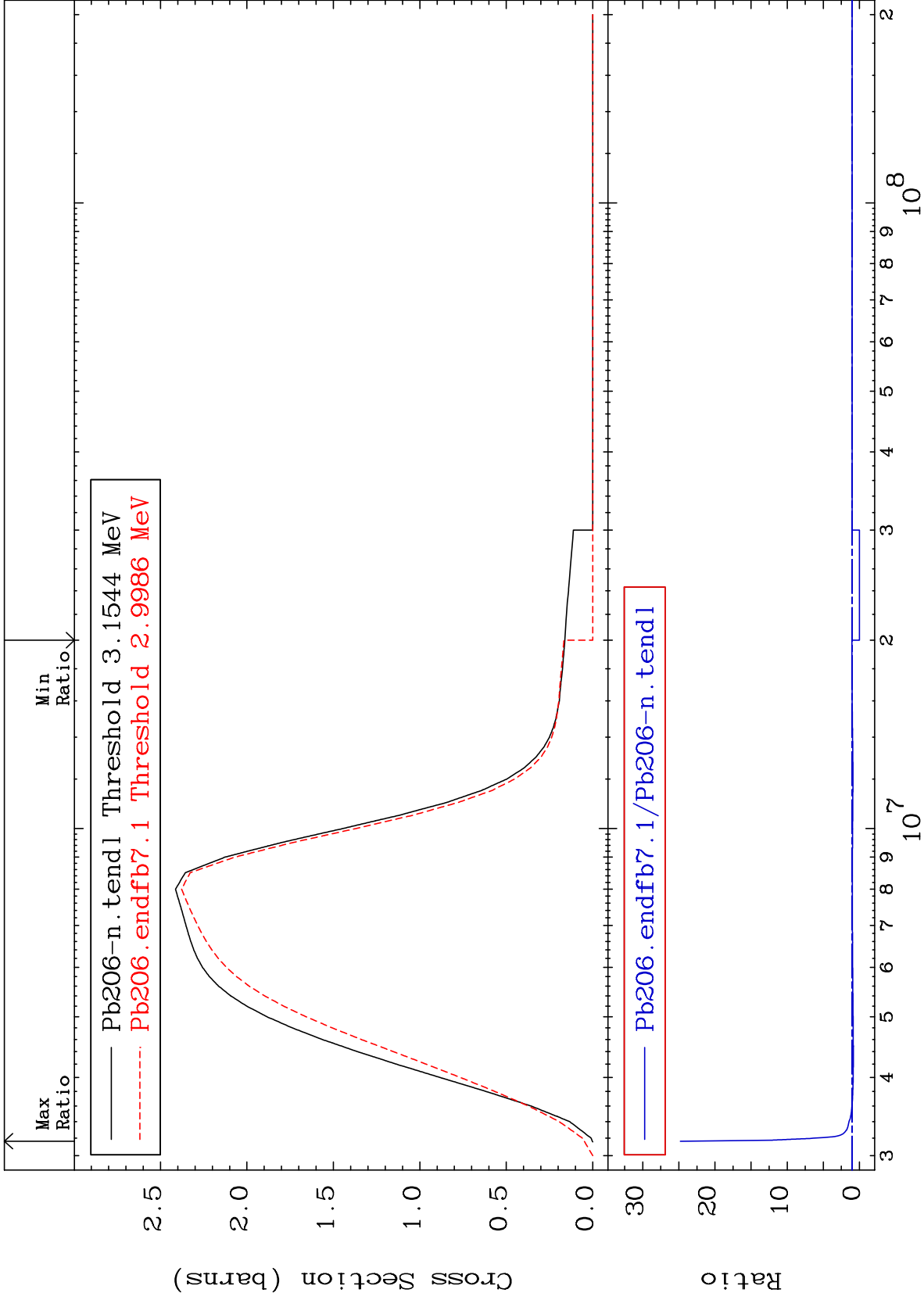
Incident Energy (eV)

82-Pb-206

MAT 8231

(n, n') Continuum  
Cross Section

82-Pb-206  
-100.0 To 2379. %



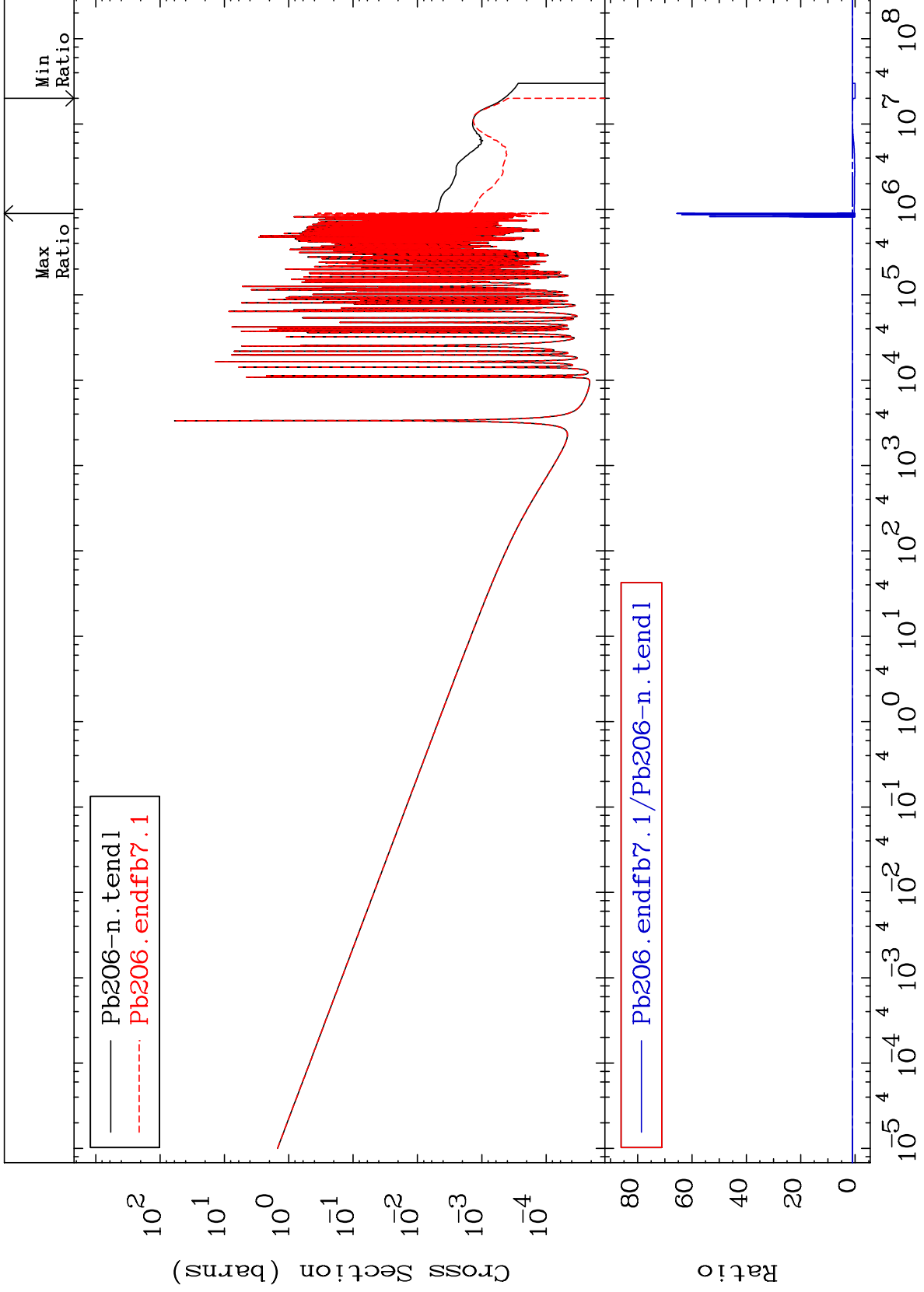
38

82-Pb-206

MAT 8231

(n,  $\gamma$ )  
Cross Section

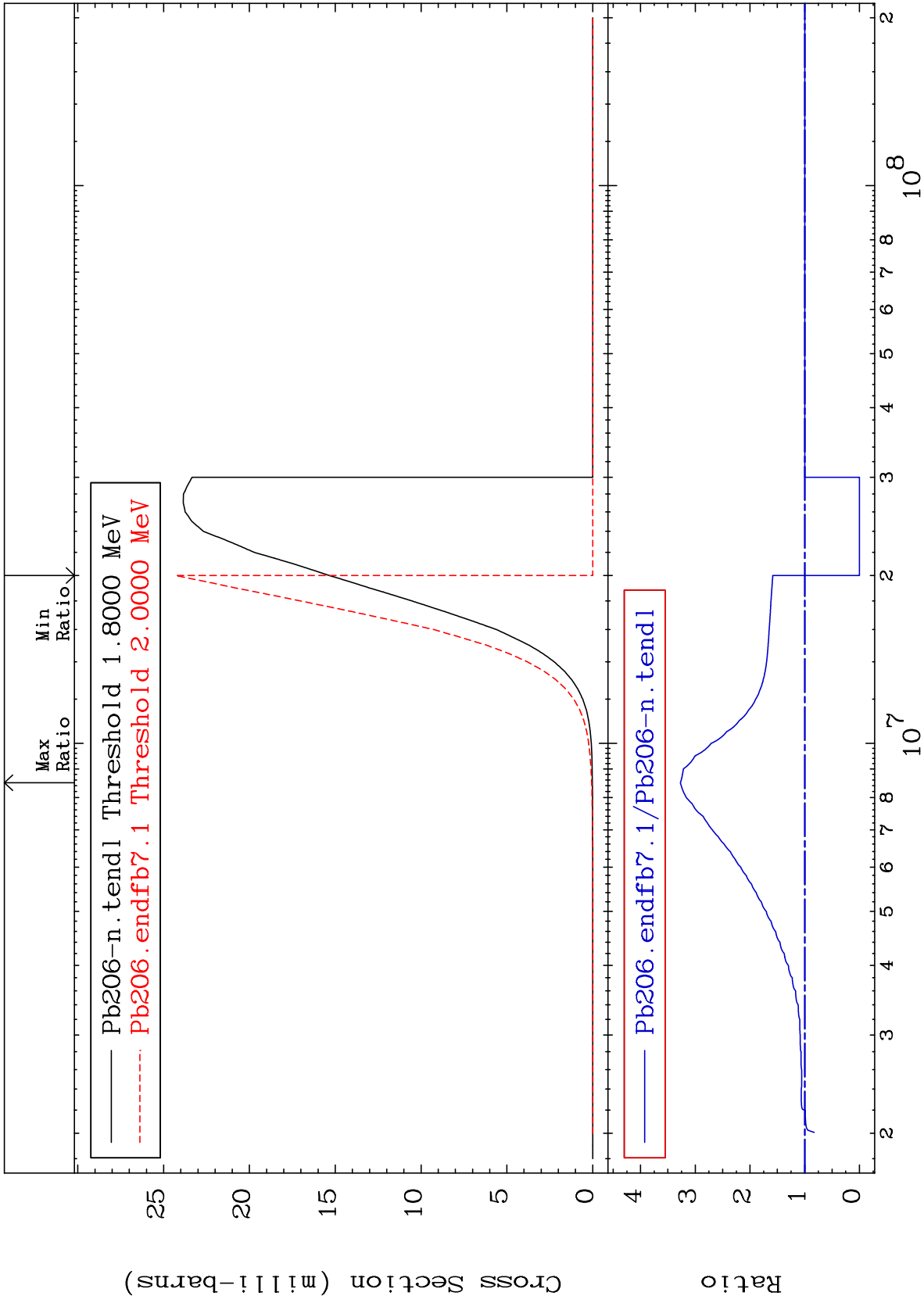
82-Pb-206  
-100.0 To 6455. %



MAT 8231

82-Pb-206  
-100.0 To 227.2 %

(n,p)  
Cross Section



40

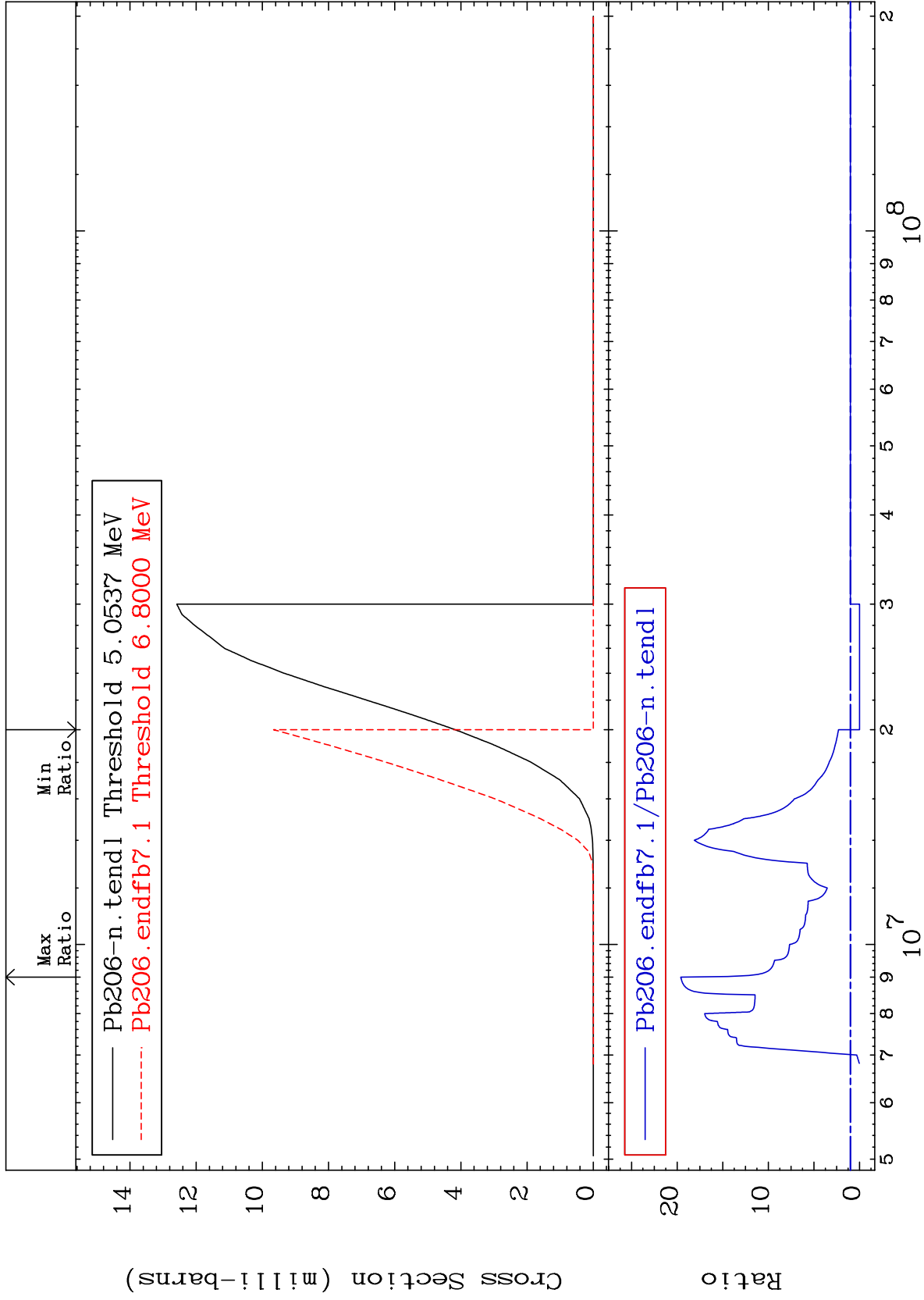
Incident Energy (eV)

82-Pb-206



Cross Section

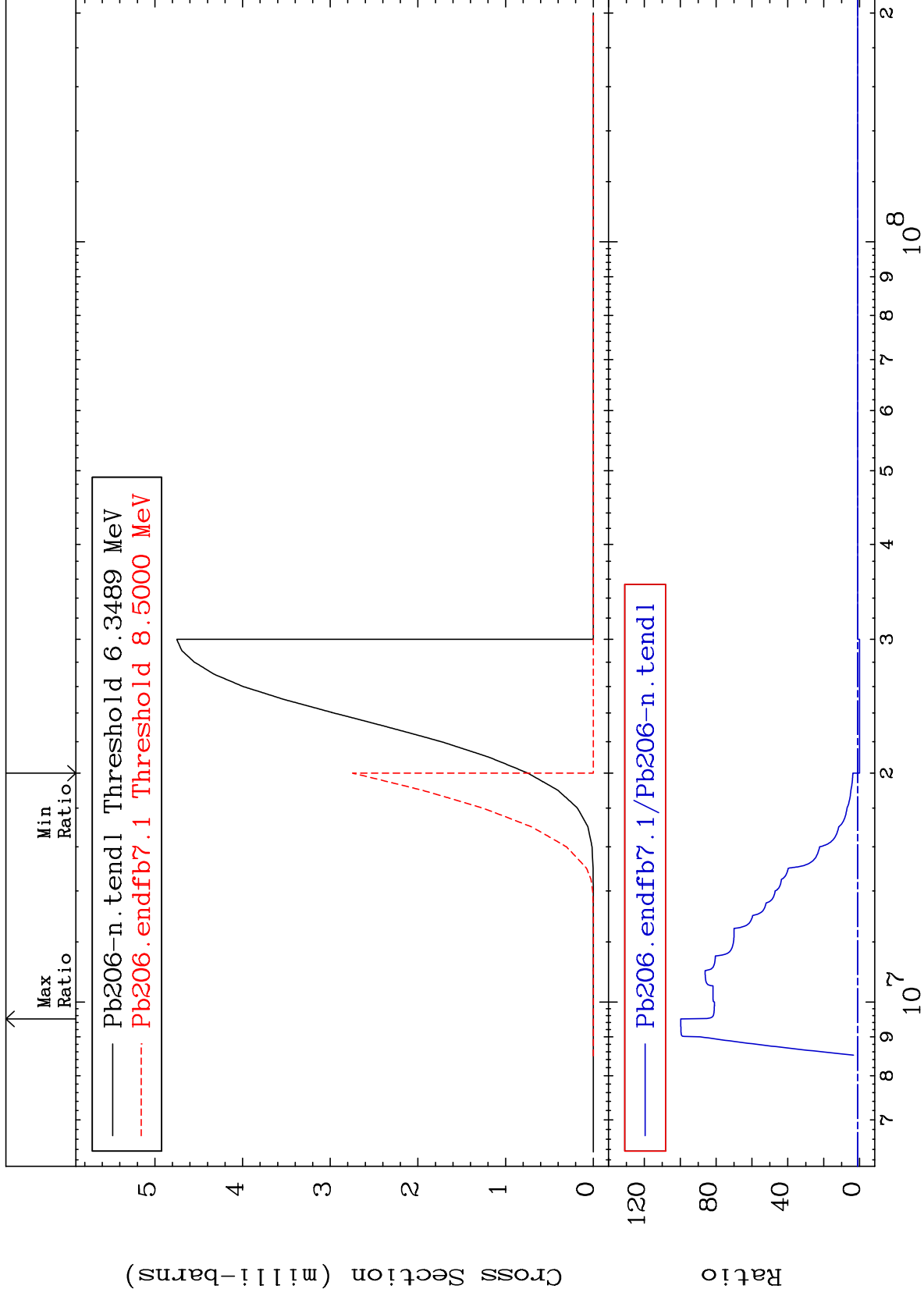
-100.0 To 1860. %



MAT 8231

(n, t)  
Cross Section

82-Pb-206  
-100.0 To 9870. %

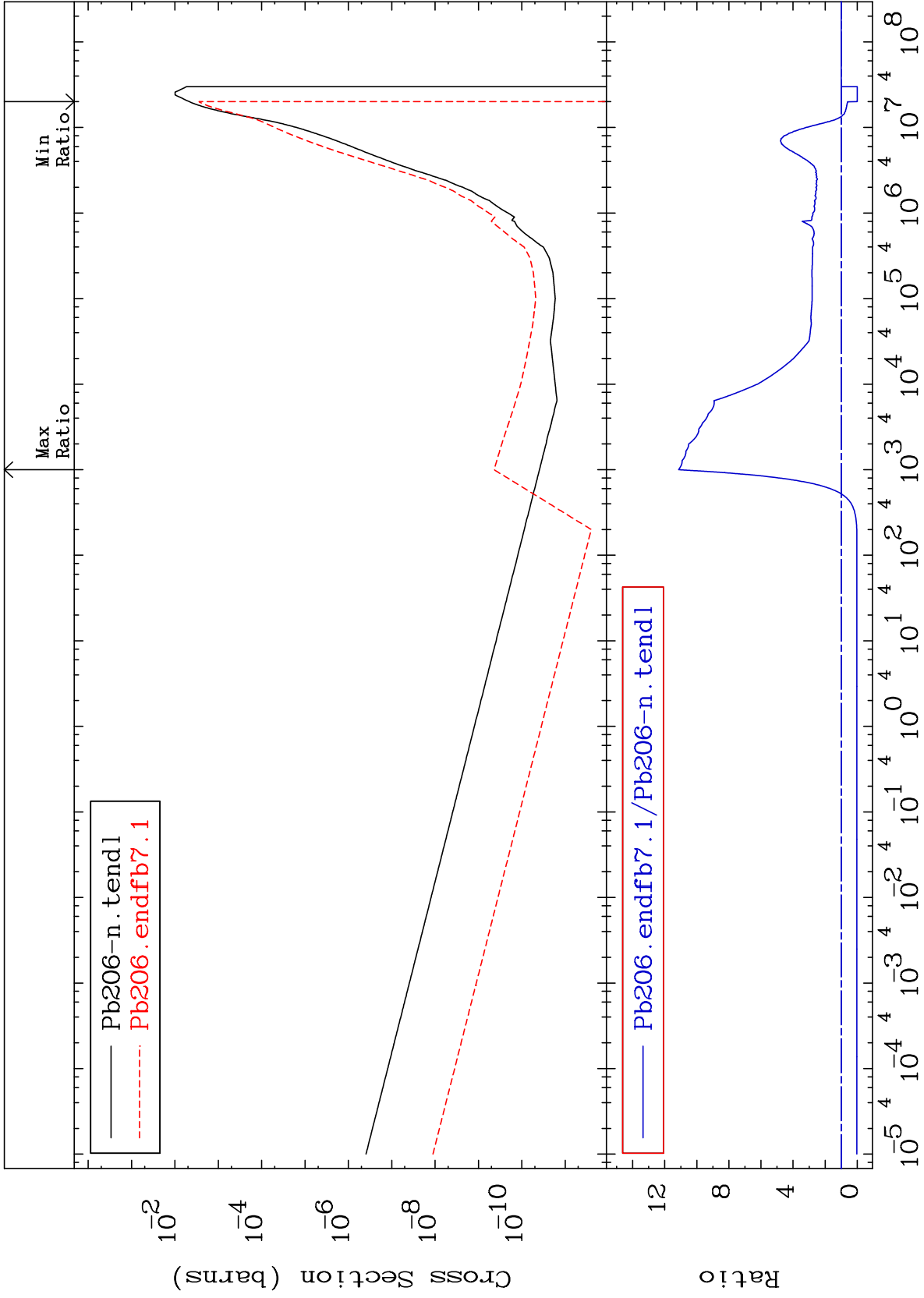


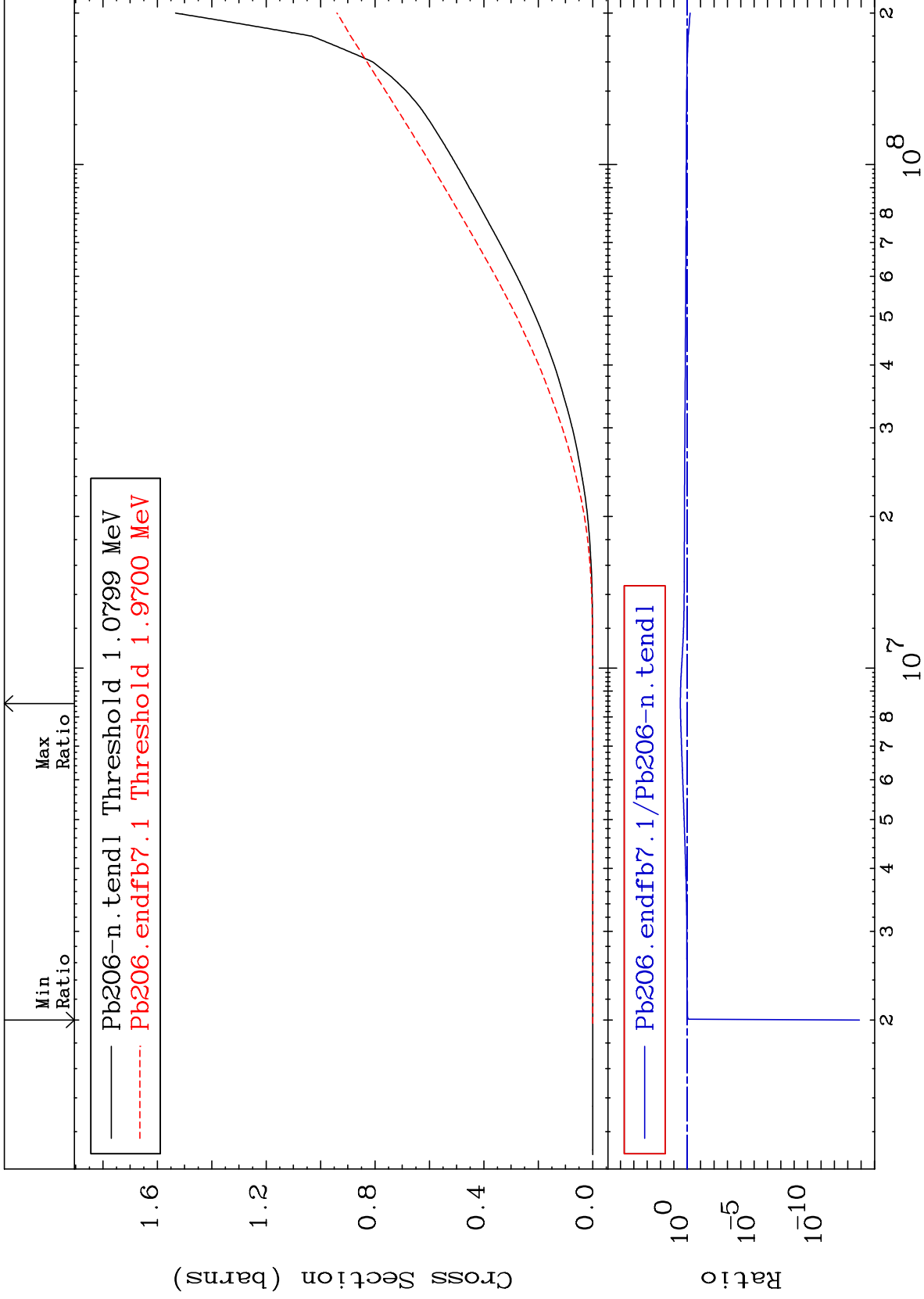
42

82-Pb-206

MAT 8231

(n,  $\alpha$ )  
Cross Section  
82-Pb-206  
-100.0 To 1013. %

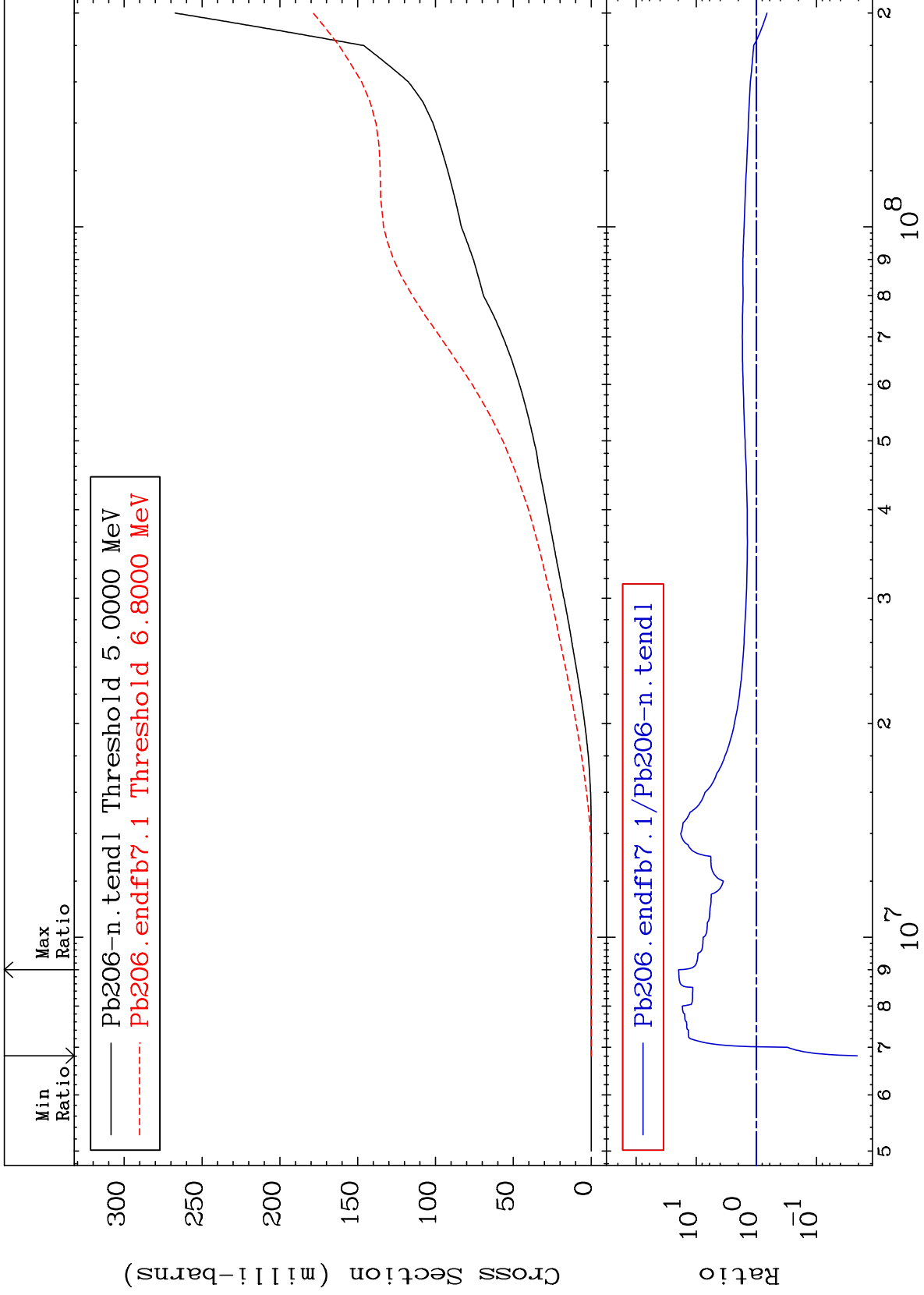




MAT 8231

Deuterium Production  
Cross Section

82-Pb-206  
-97.89 To 1860. %



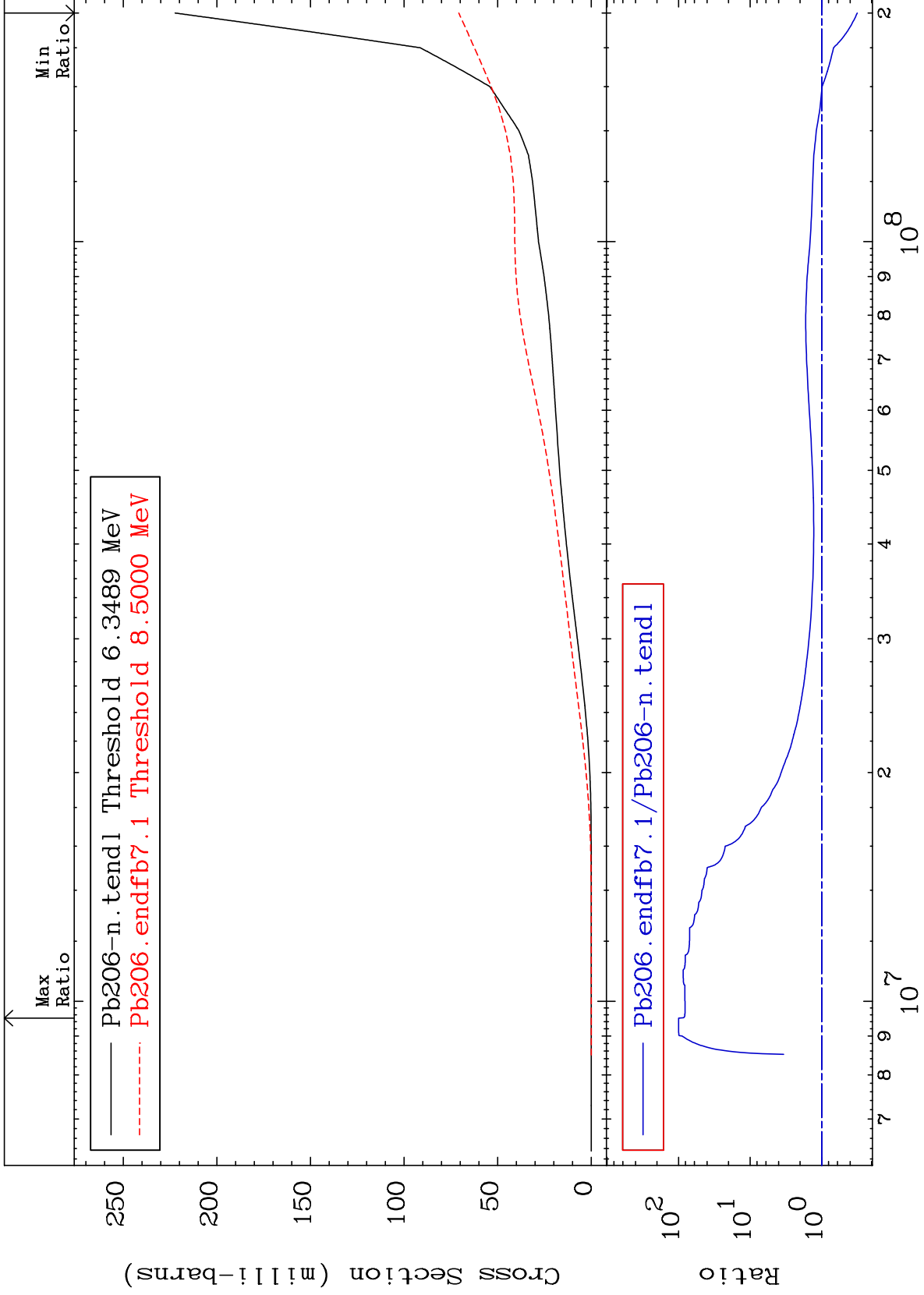
45

82-Pb-206

MAT 8231

Tritium Production  
Cross Section

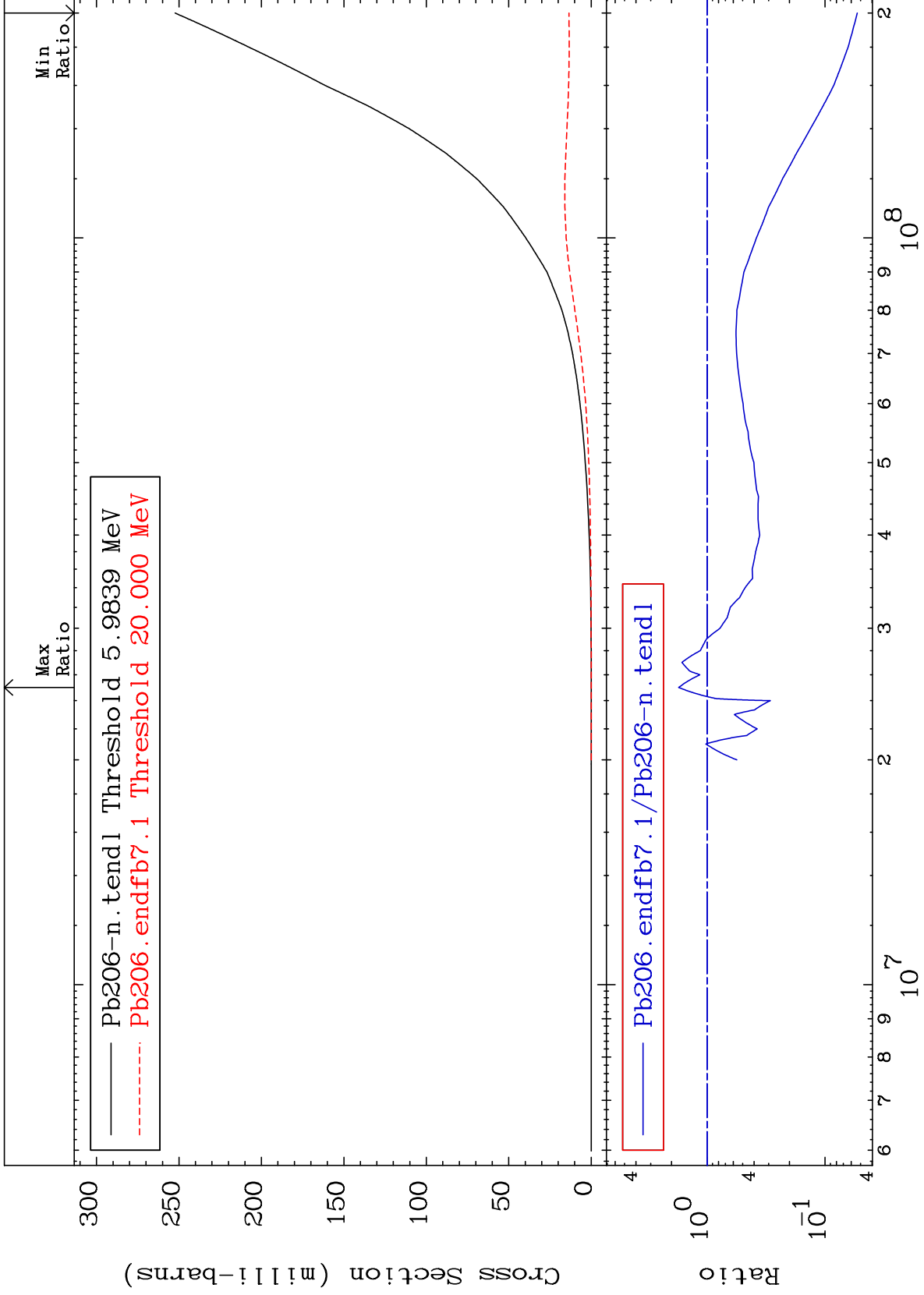
82-Pb-206  
-68.17 To 9870. %

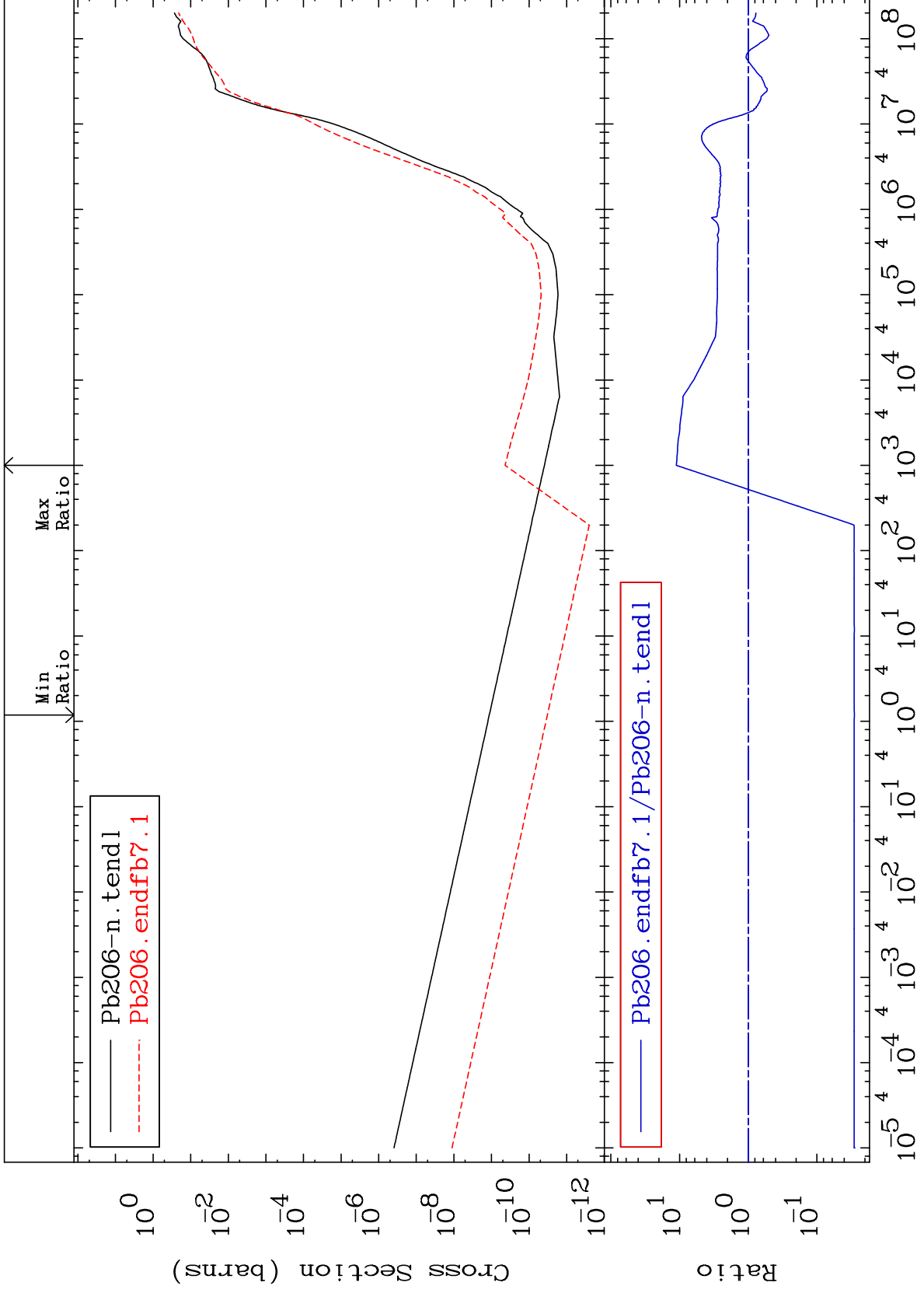


MAT 8231

He-3 Production  
Cross Section

82-Pb-206  
-94.66 To 73.82 %



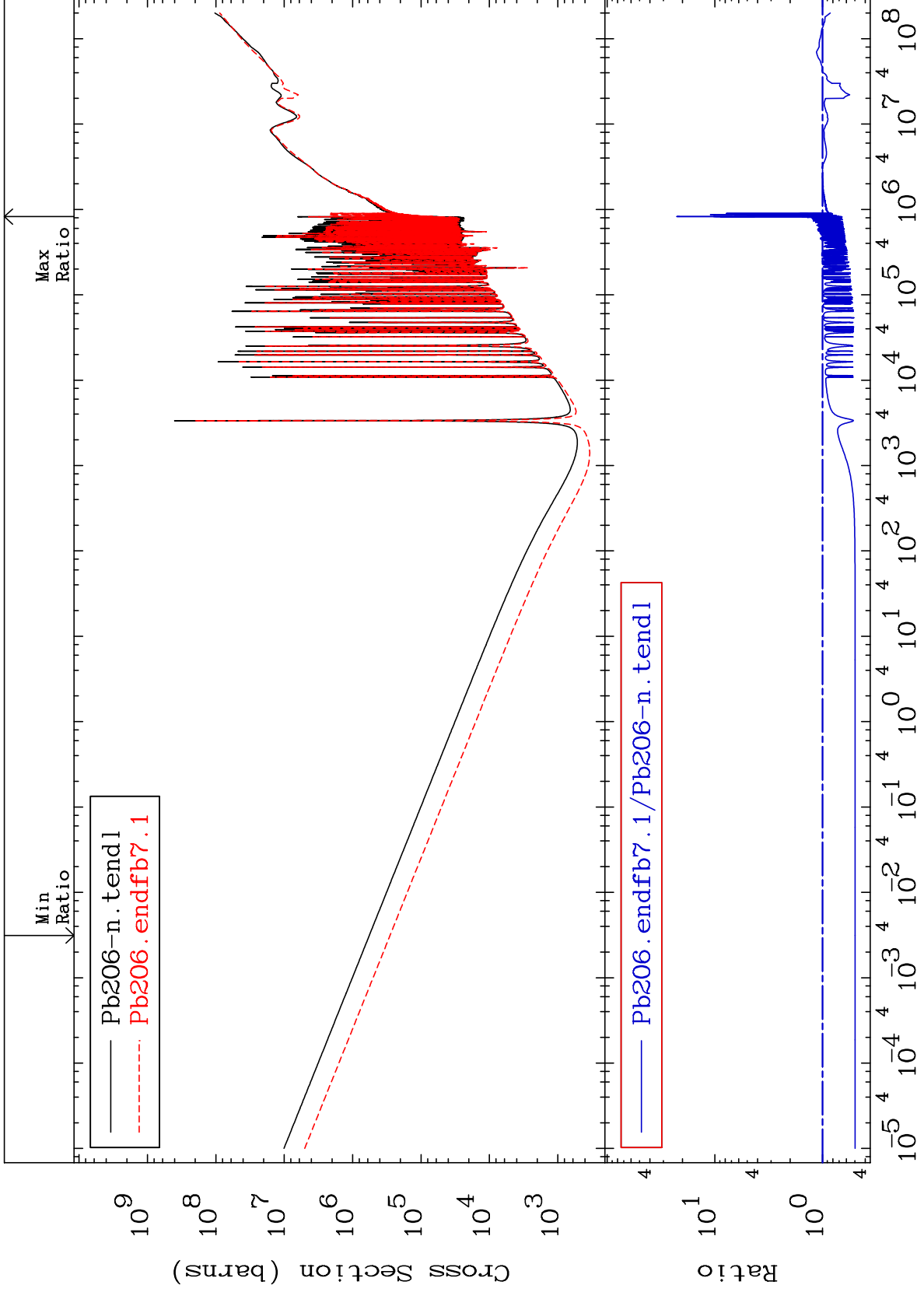




MAT 8231

Kerma total (eV-barns)  
Cross Section

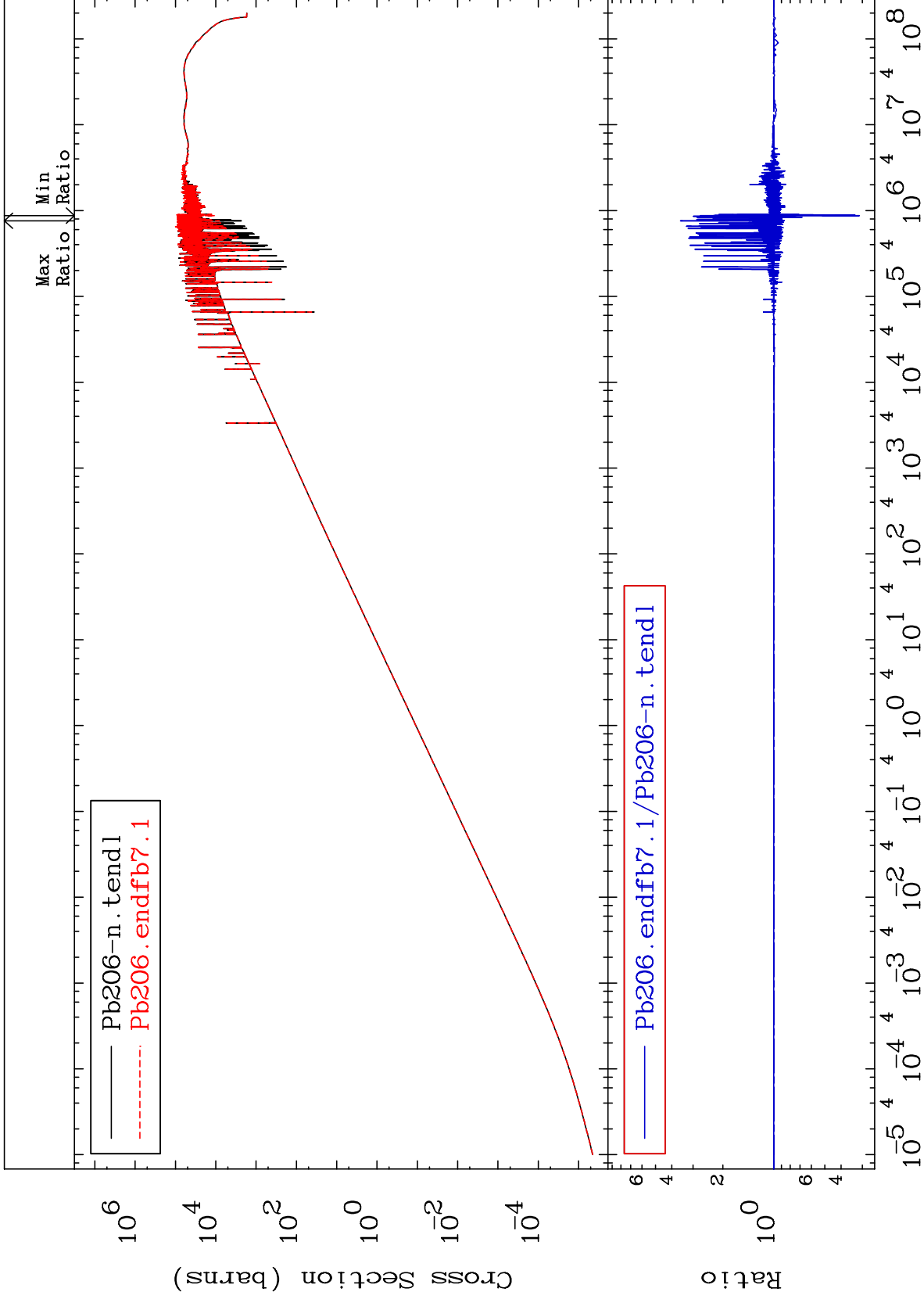
82-Pb-206  
-50.24 To 2149. %



MAT 8231

Kerma elastic  
Cross Section

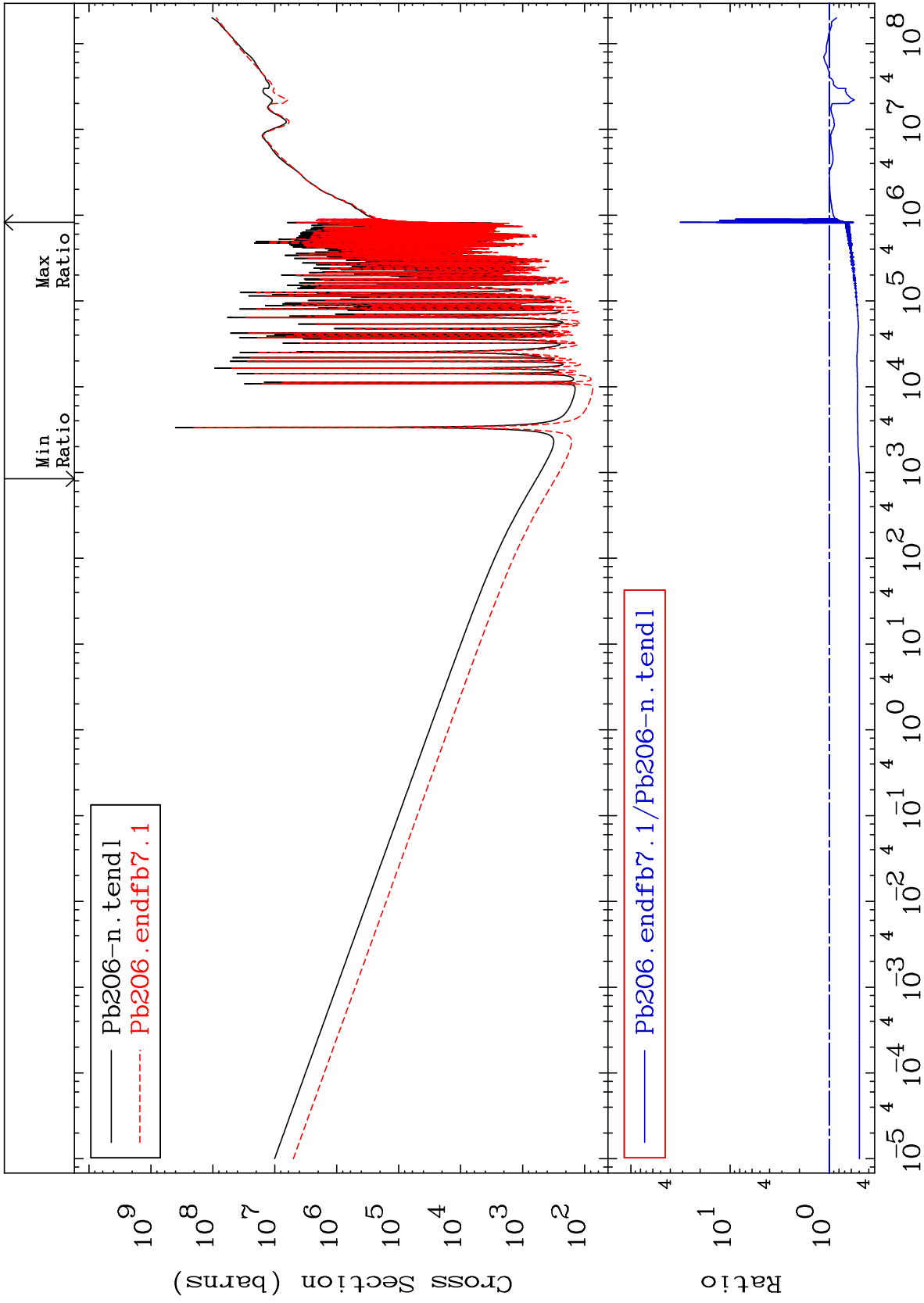
82-Pb-206  
-68.81 To 256.1 %

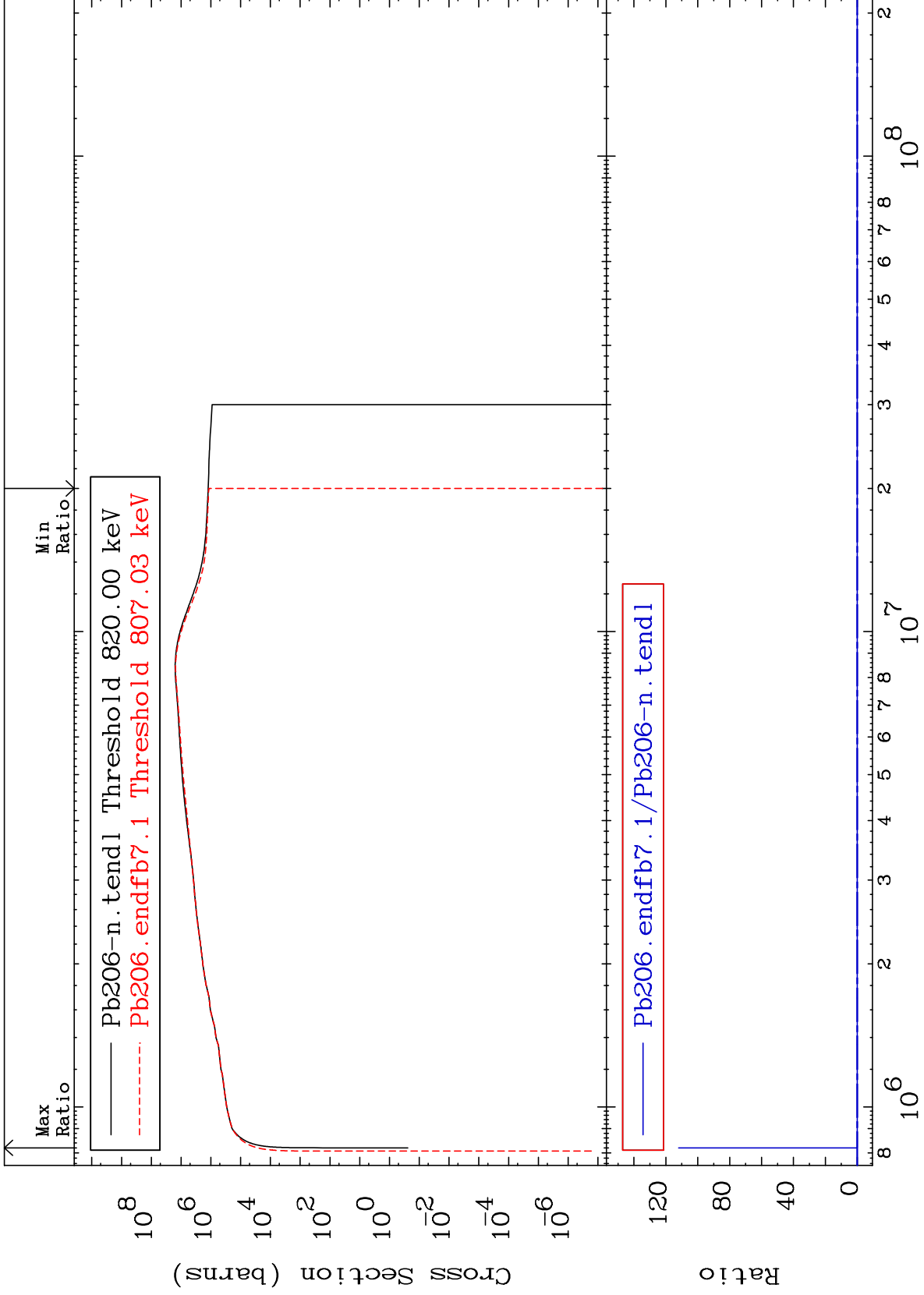


Incident Energy (eV)

82-Pb-206

50

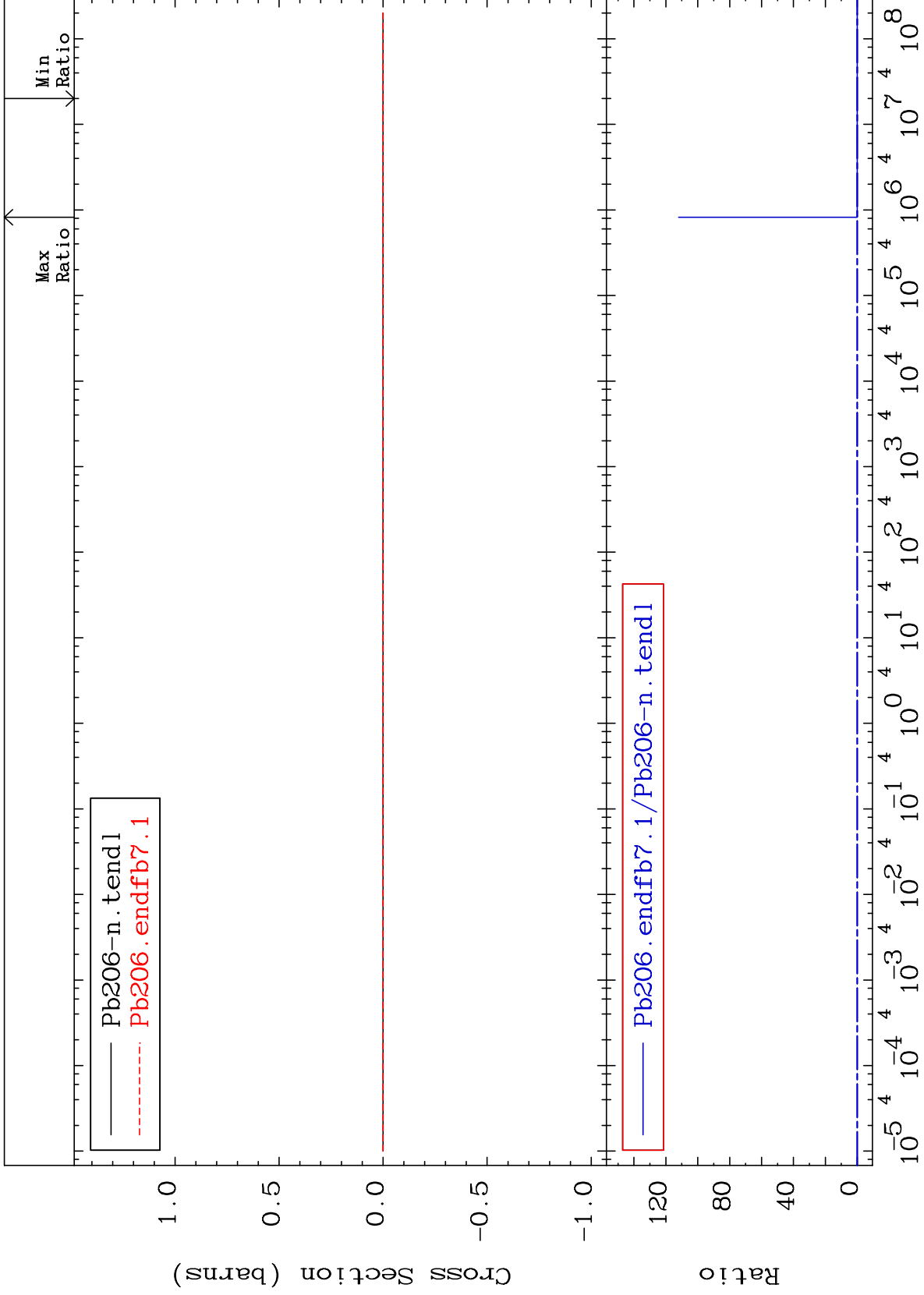




MAT 8231

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

82-Pb-206  
-100.0 To 9999. %



53

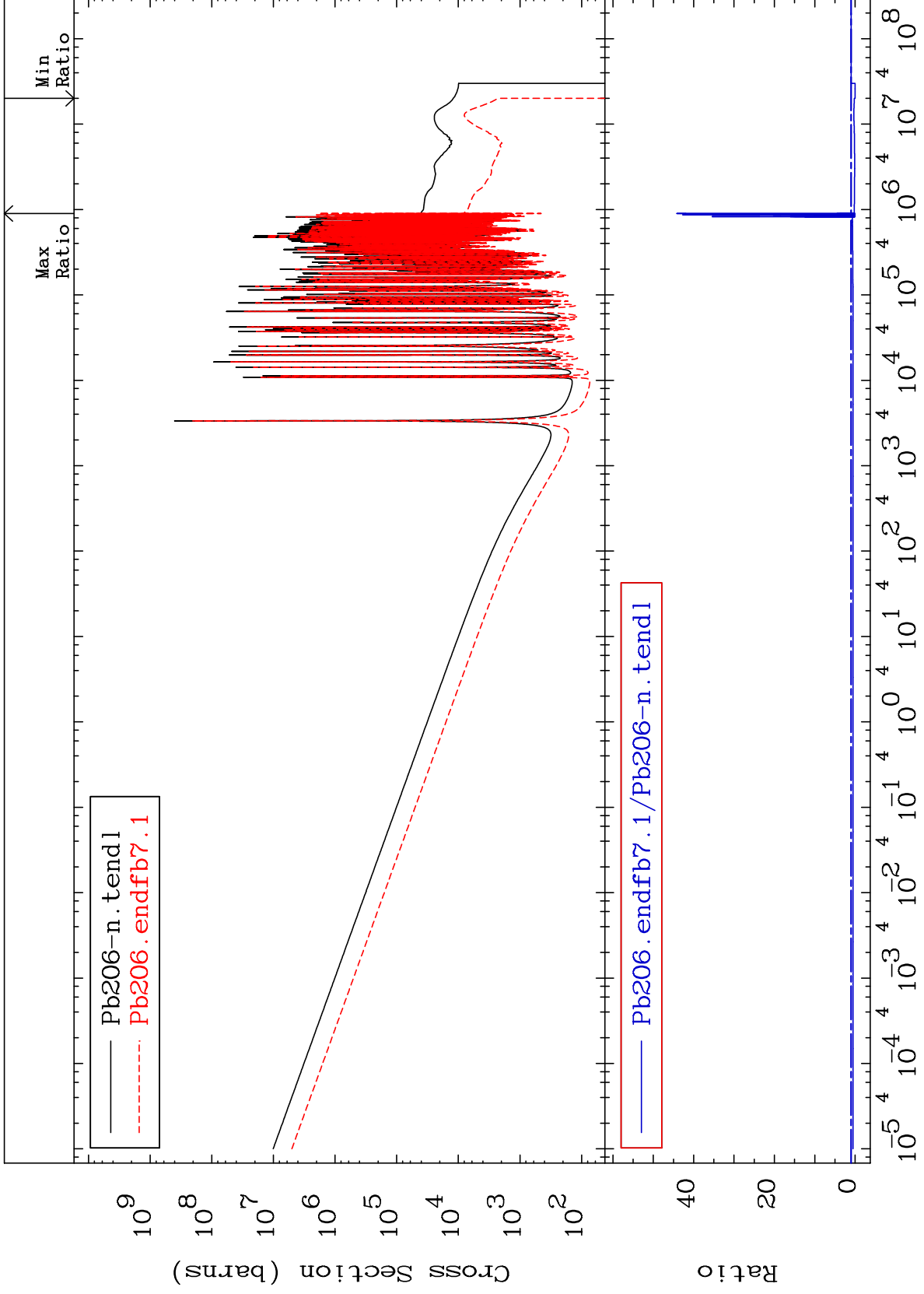
Incident Energy (eV)

82-Pb-206

MAT 8231

Kerma capture (mt102)  
Cross Section

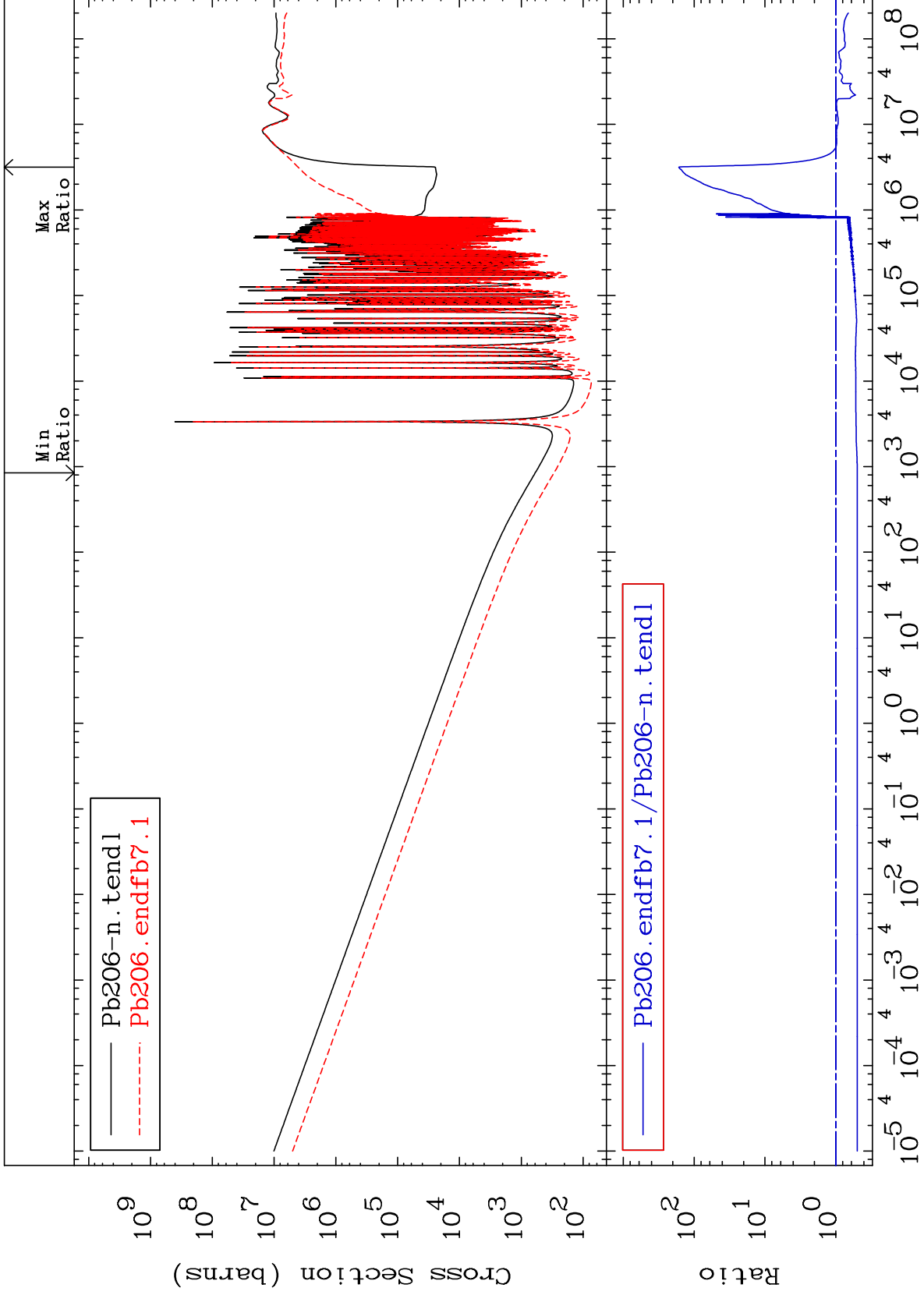
82-Pb-206  
-100.0 To 4315. %



MAT 8231

Total photon (eV-barns)  
Cross Section

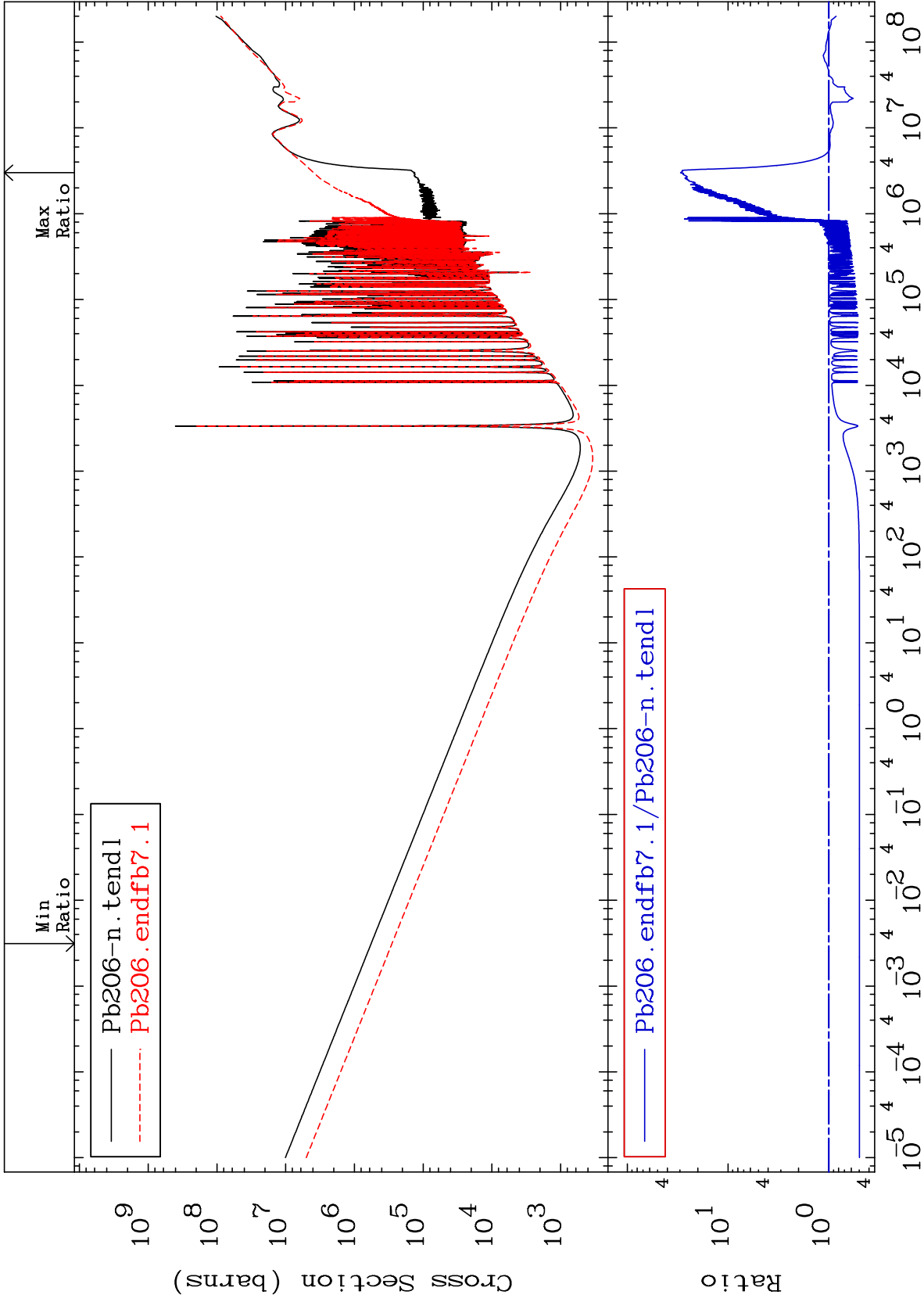
82-Pb-206  
-50.30 To 9999. %



55

Incident Energy (eV)

82-Pb-206

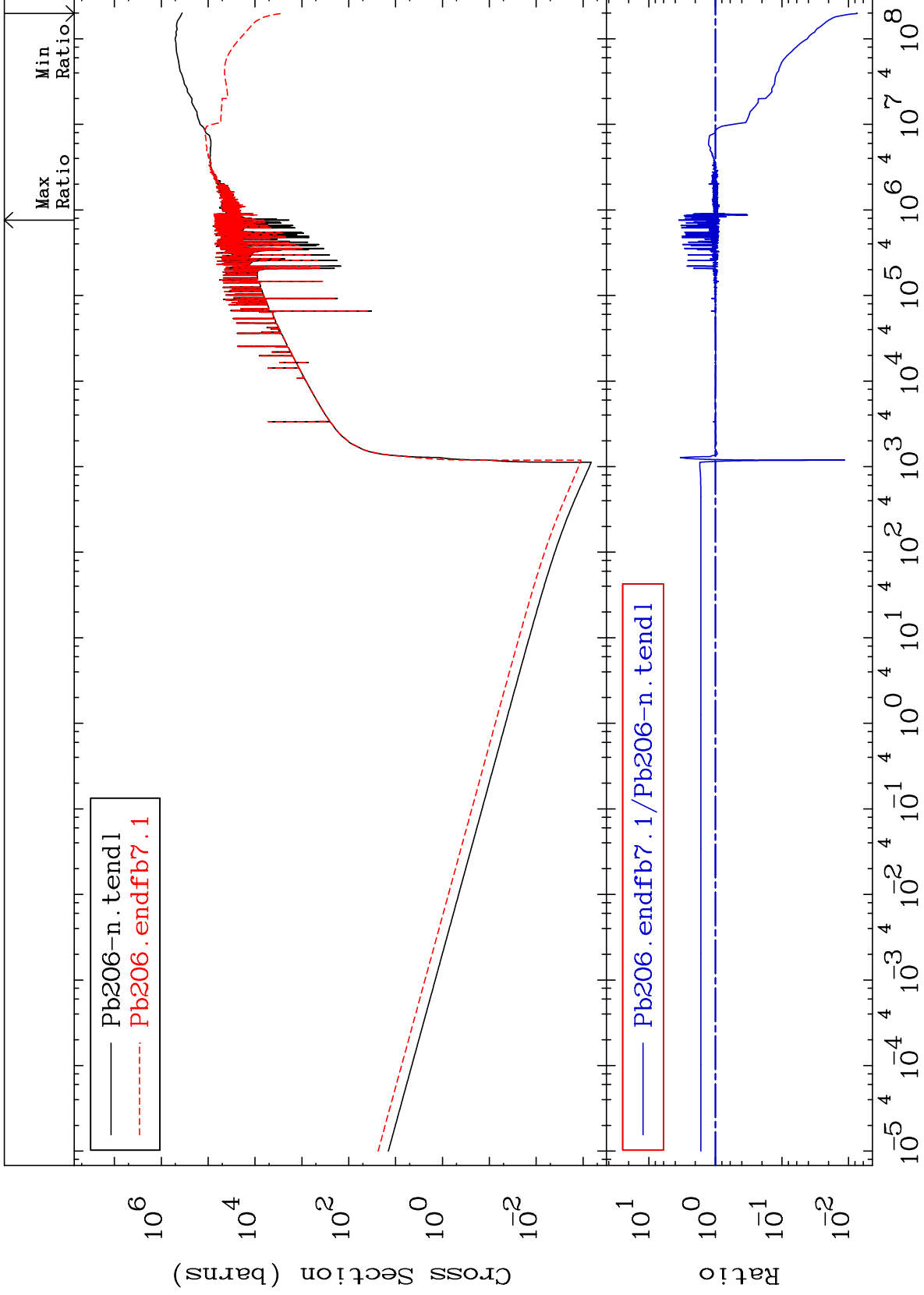


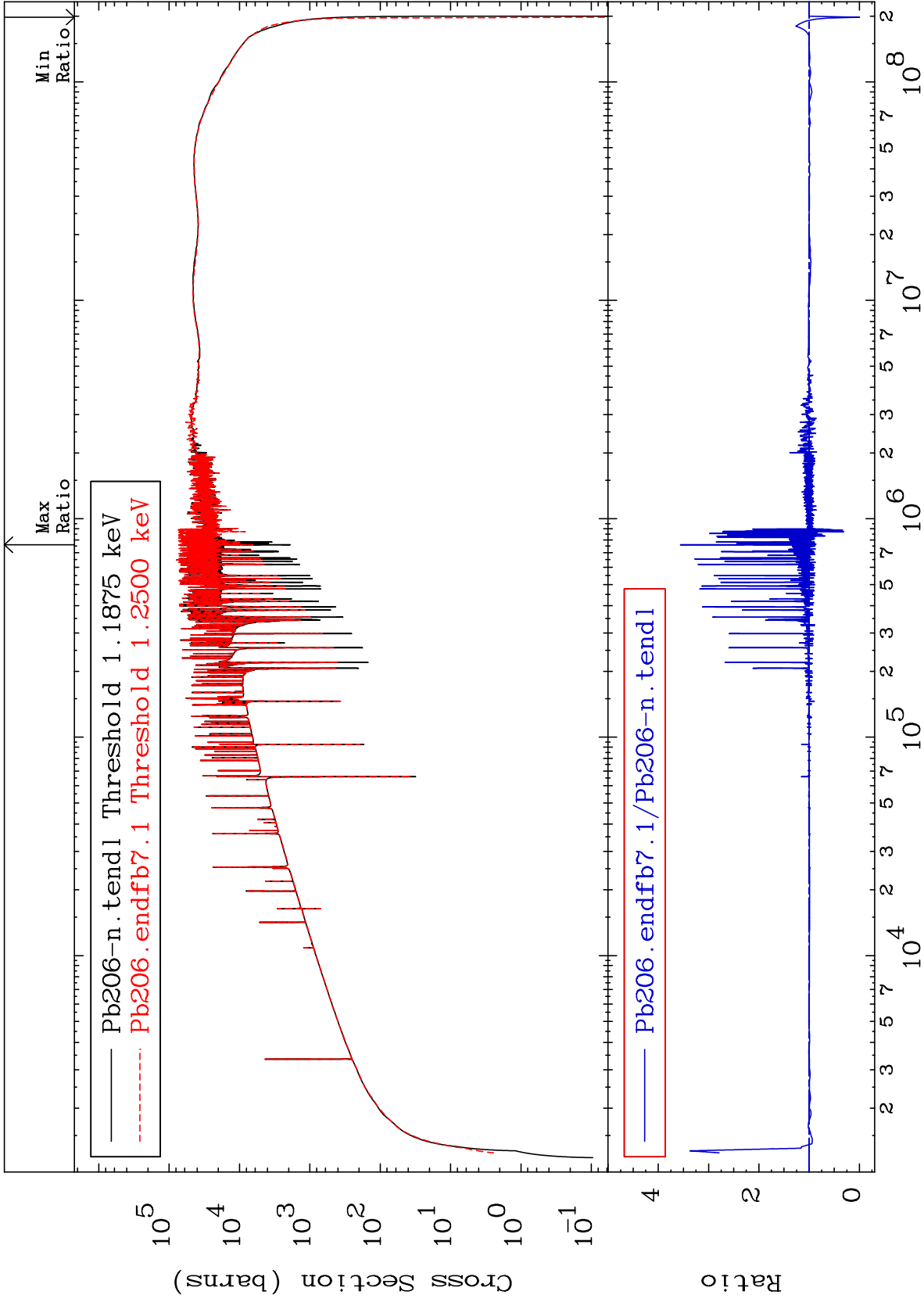


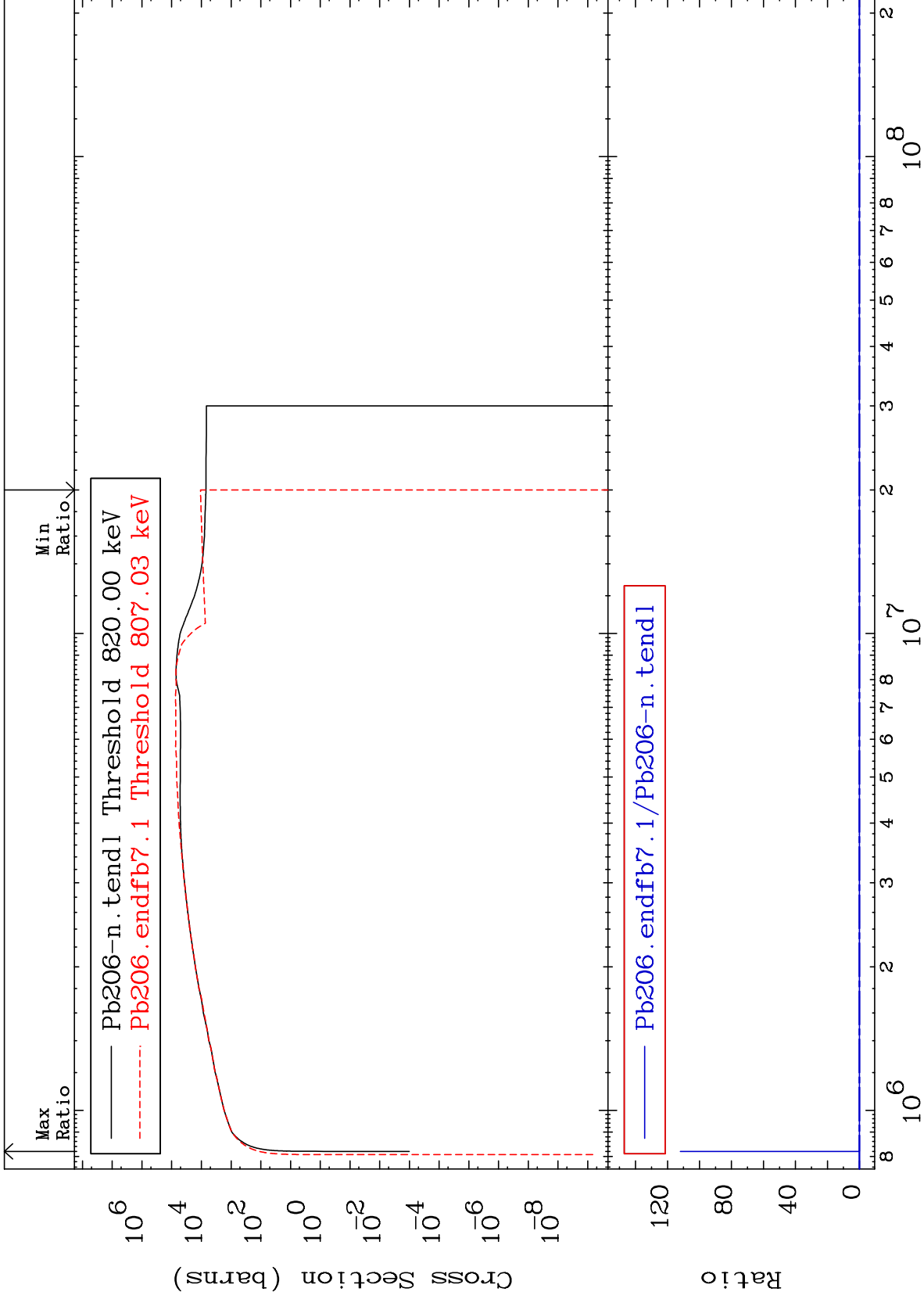
MAT 8231

Dpa total (eV-barns)  
Cross Section

82-Pb-206  
-99.26 To 256.1 %



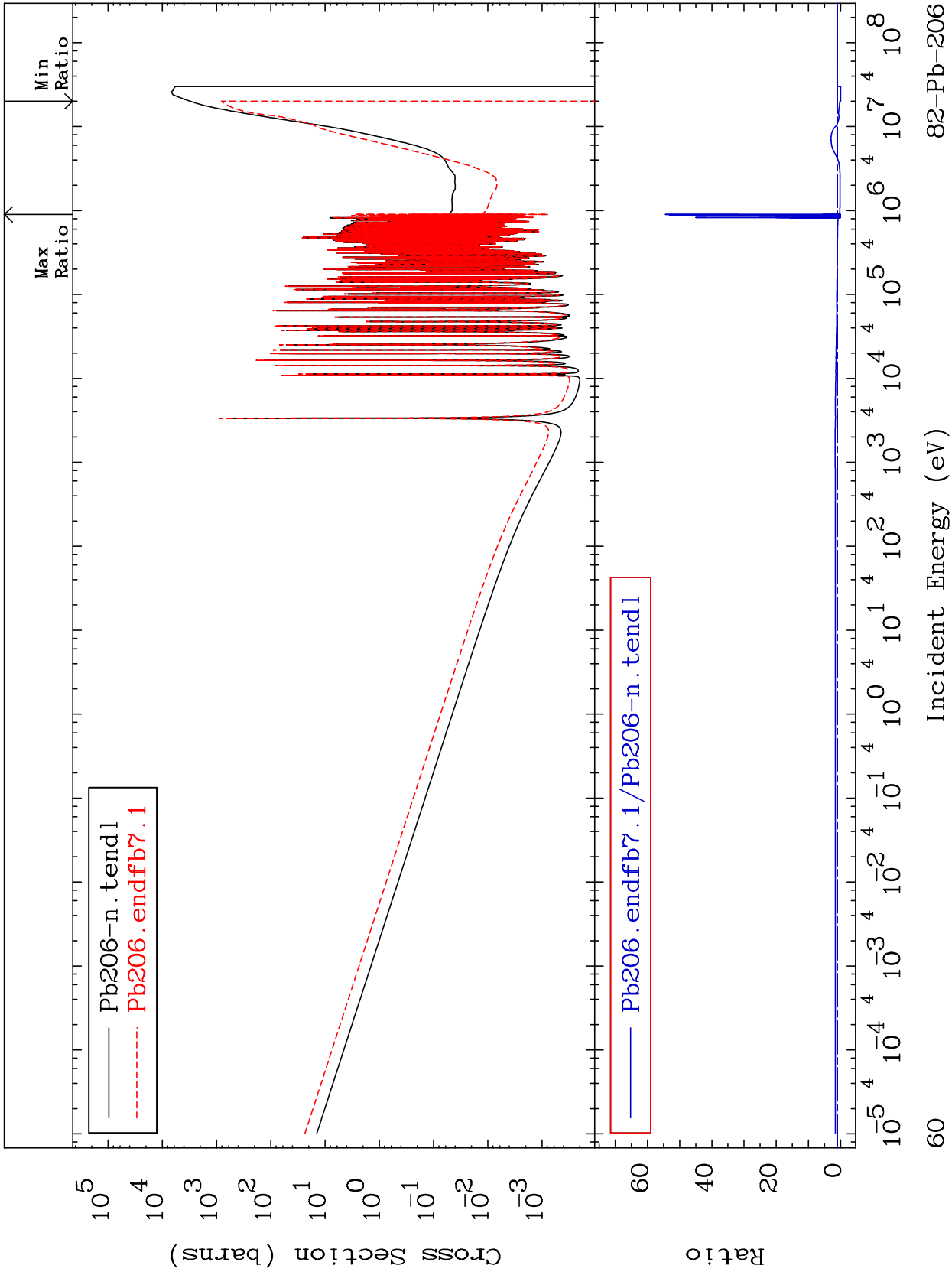




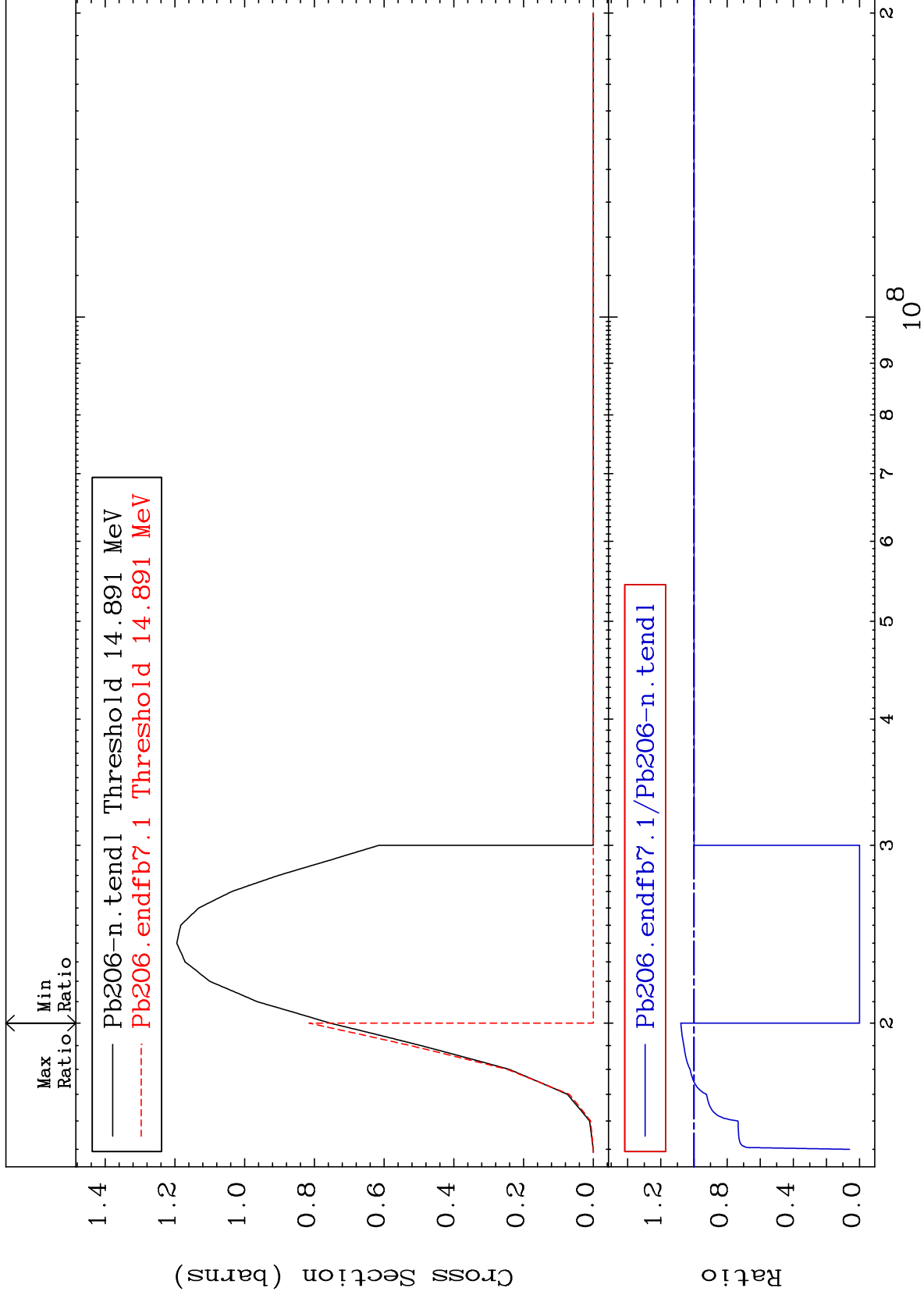
MAT 8231

Dpa disappearance (mt102 -120)  
Cross Section

82-Pb-206  
-100.0 To 5340. %



82-Pb-206



MAT 8231

(n,3n):82-Pb-204m21

82-Pb-206

Radionuclide Production Cross Section -100.0 To 0.000 %

