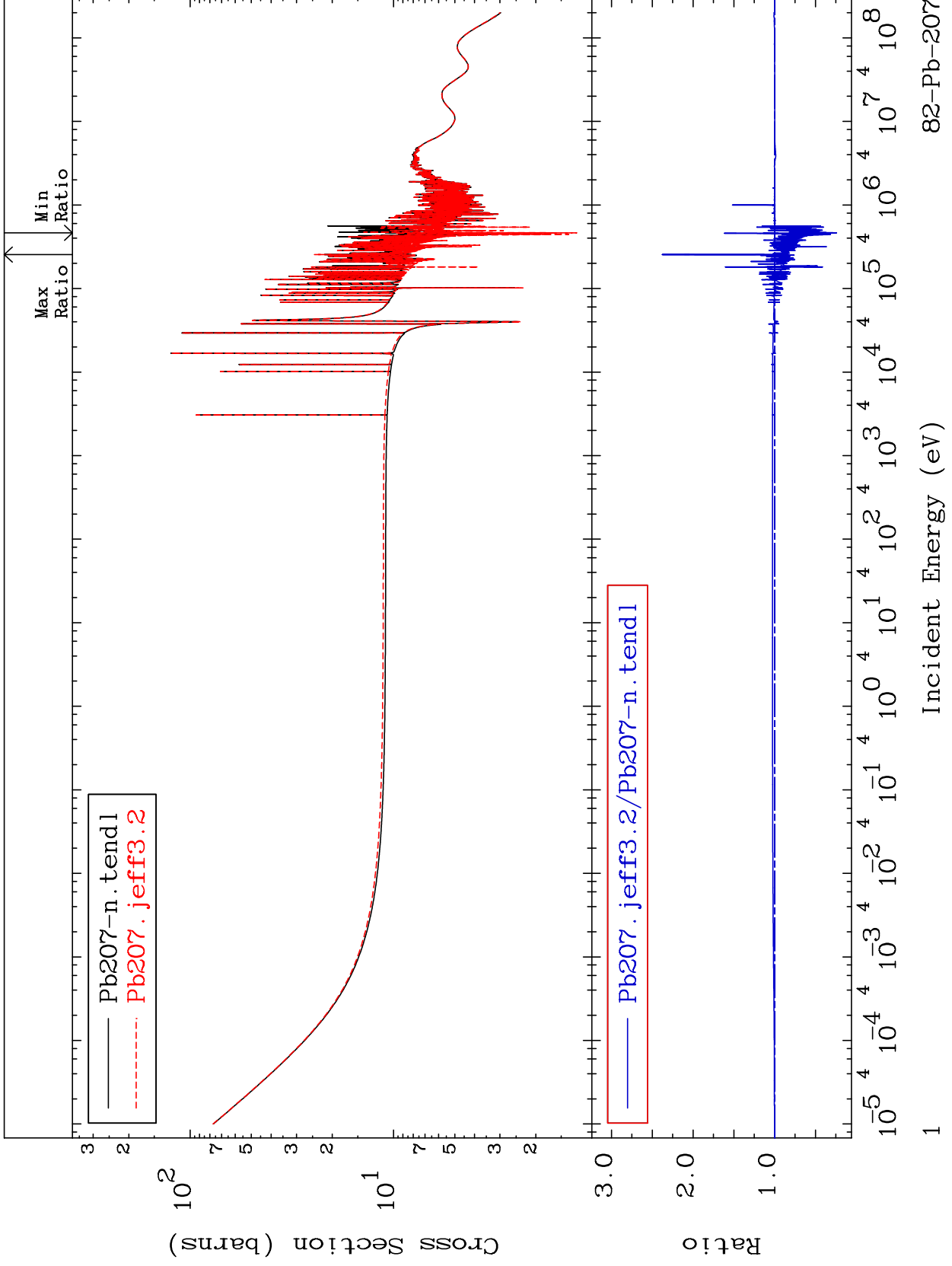


MAT 8234

Total  
Cross Section

82-Pb-207  
-75.95 To 137.7 %



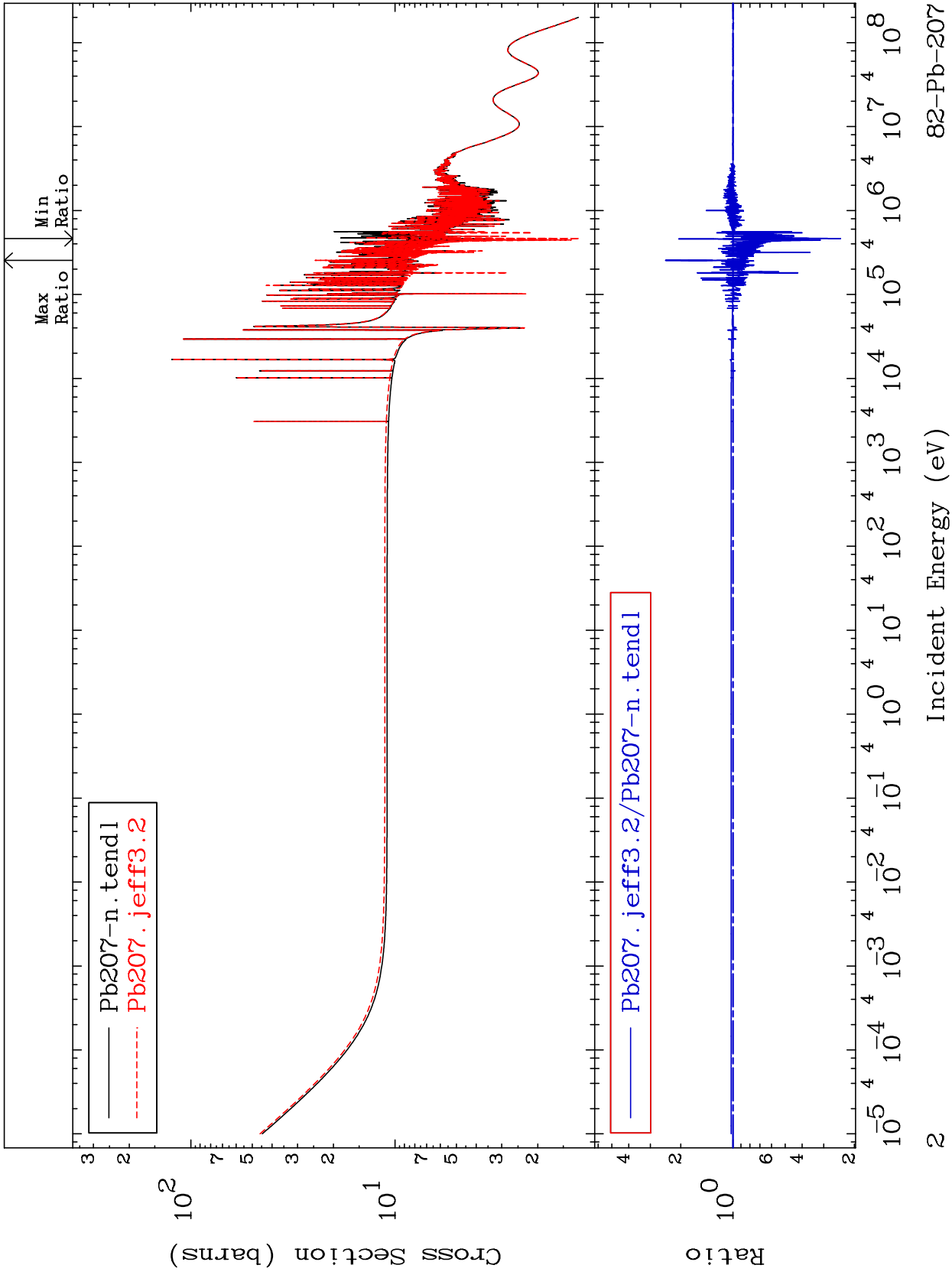
Incident Energy (eV)

82-Pb-207

MAT 8234

Elastic  
Cross Section

82-Pb-207  
-76.05 To 145.2 %



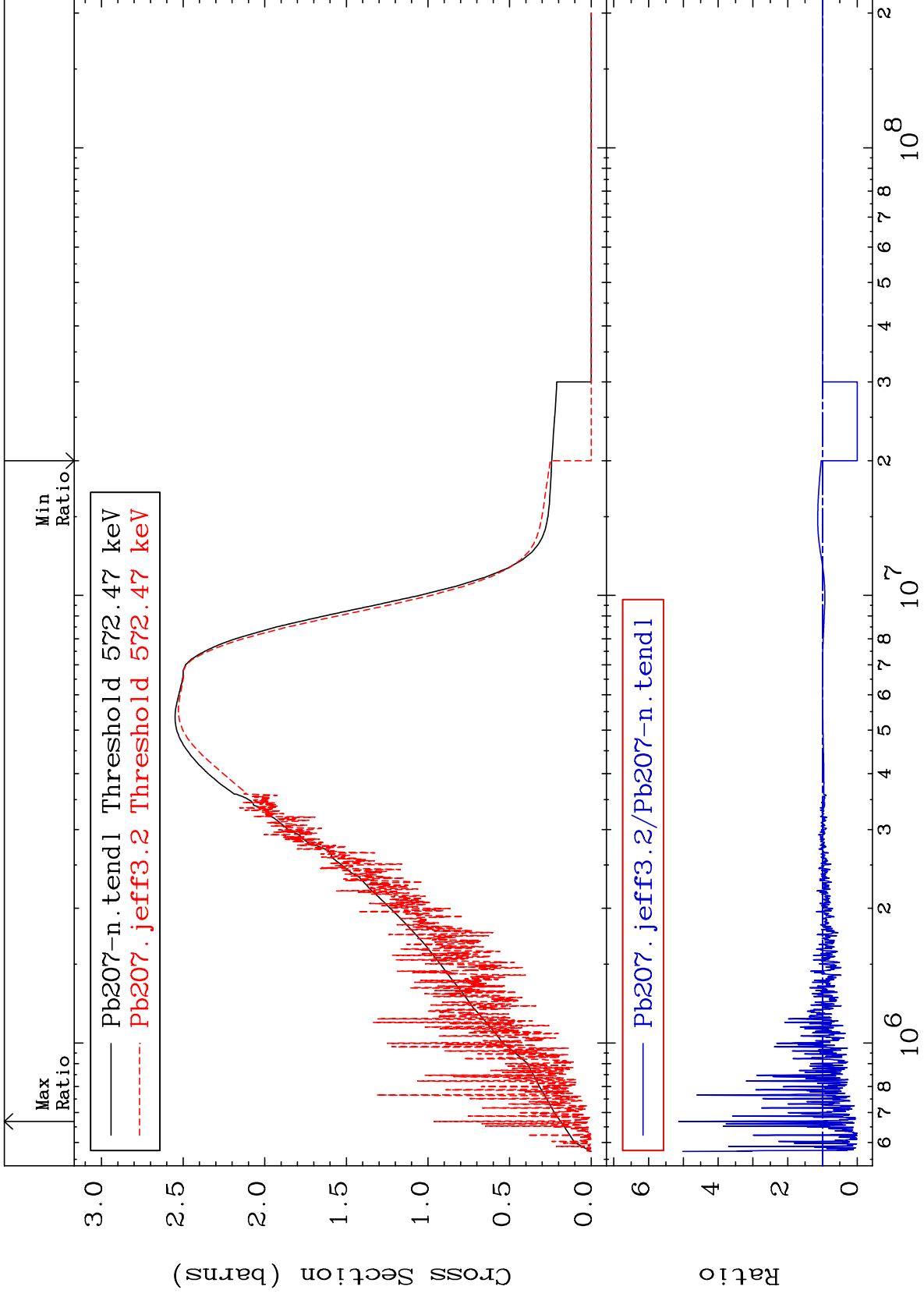
Incident Energy (eV)

82-Pb-207

MAT 8234

Inelastic  
Cross Section

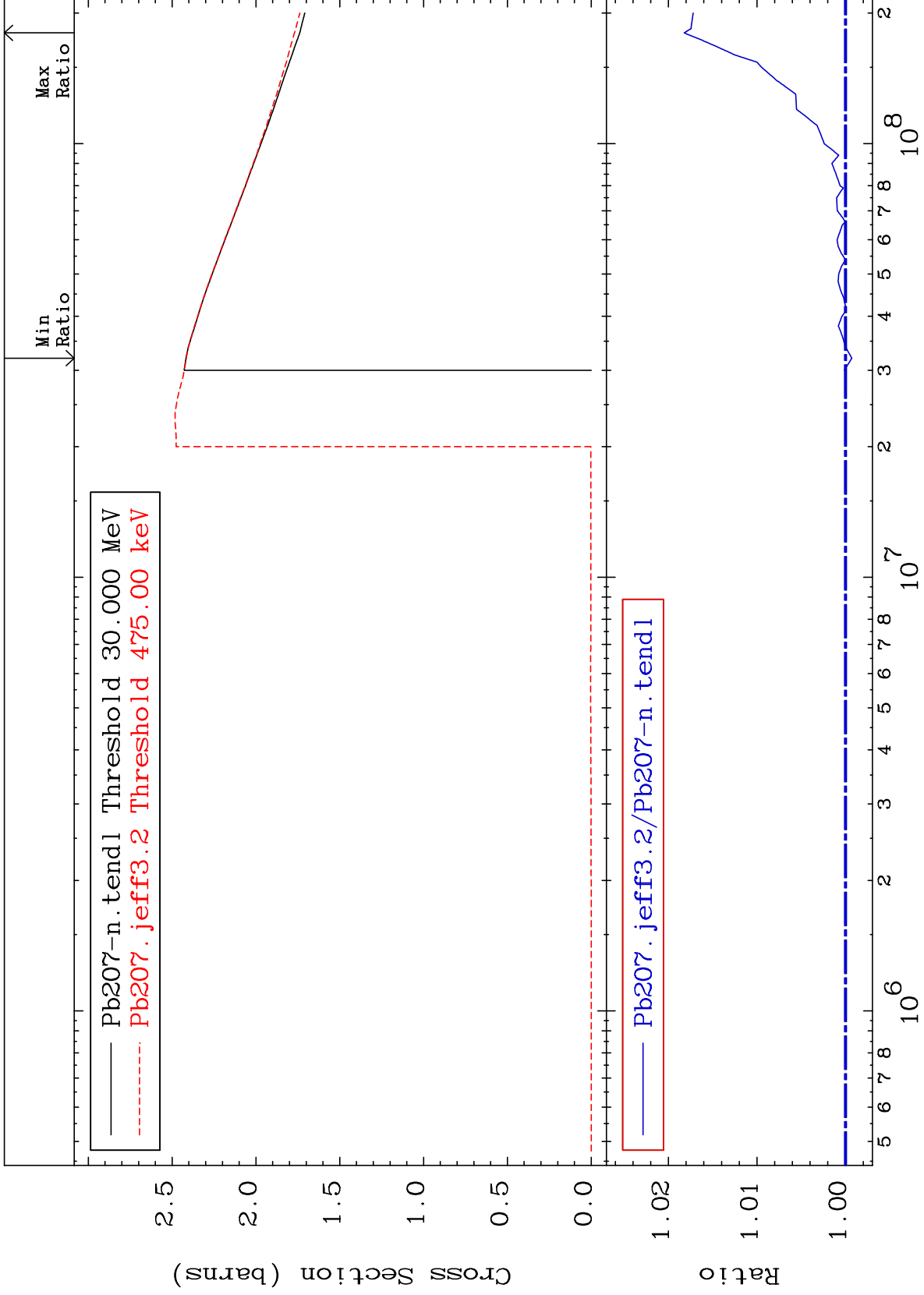
82-Pb-207  
-100.0 To 413.5 %



MAT 8234

(n, remainder)  
Cross Section

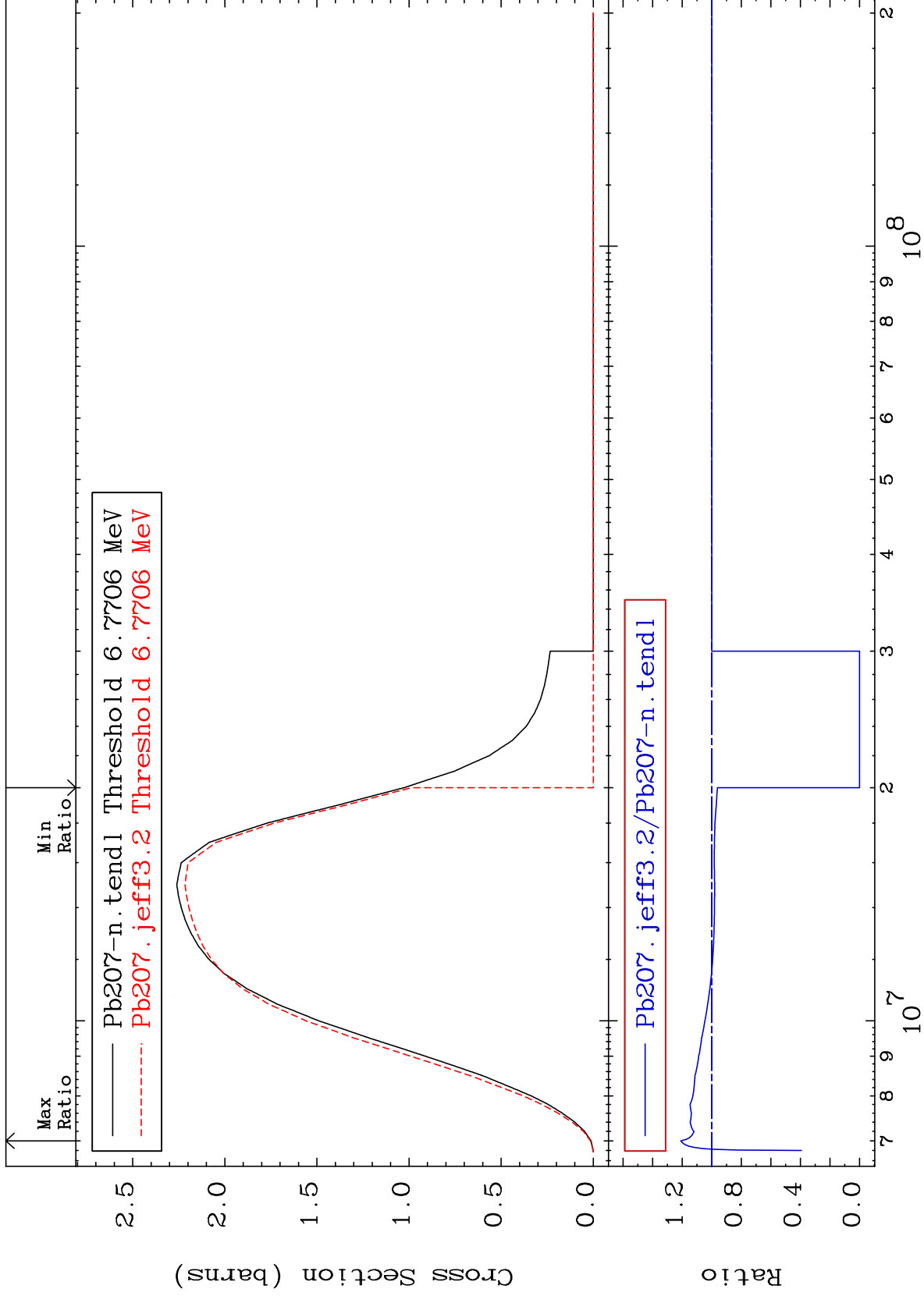
82-Pb-207  
-0.070 To 1.823 %



MAT 8234

(n,2n)  
Cross Section

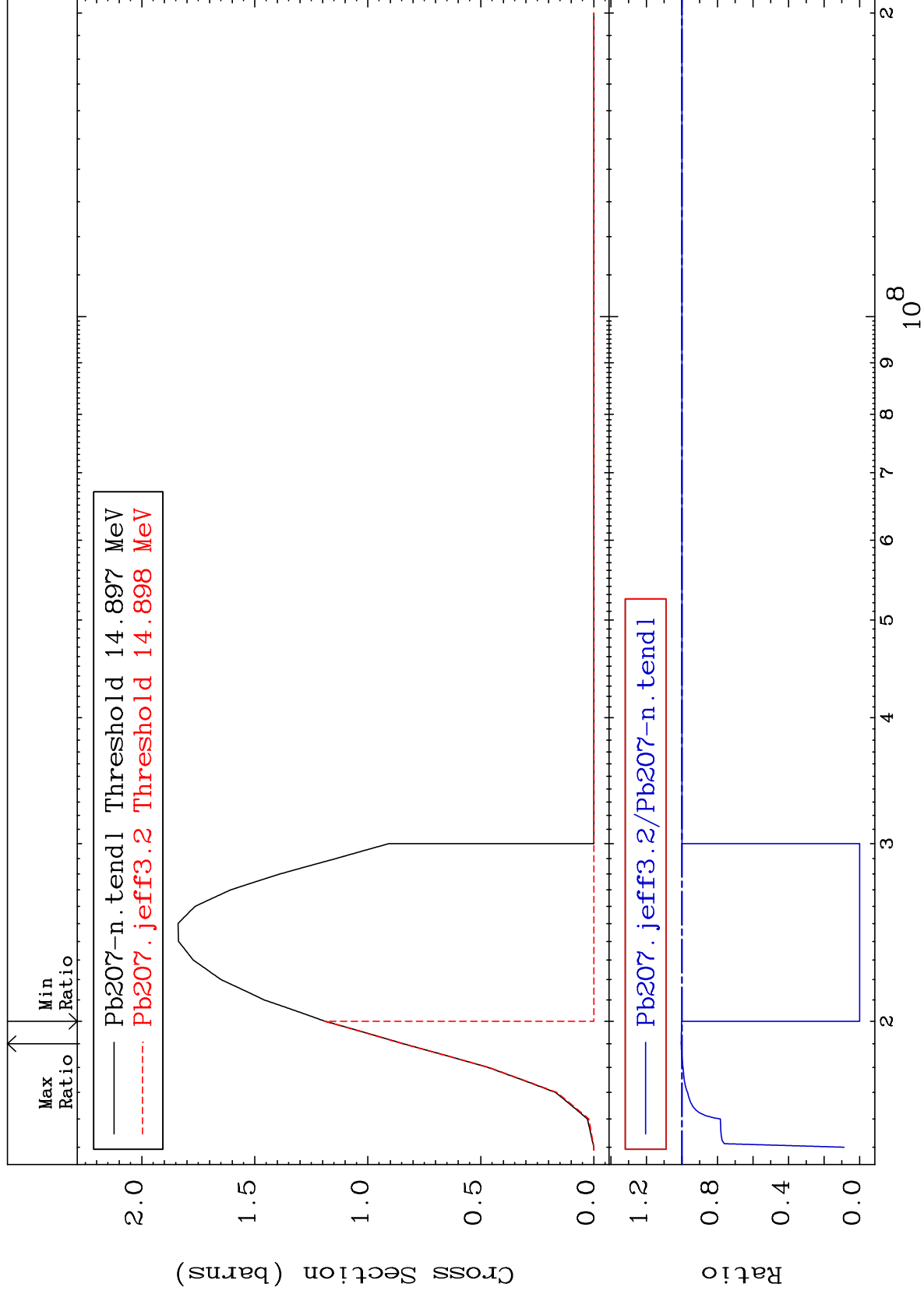
82-Pb-207  
-100.0 To 20.92 %



5

Incident Energy (eV)

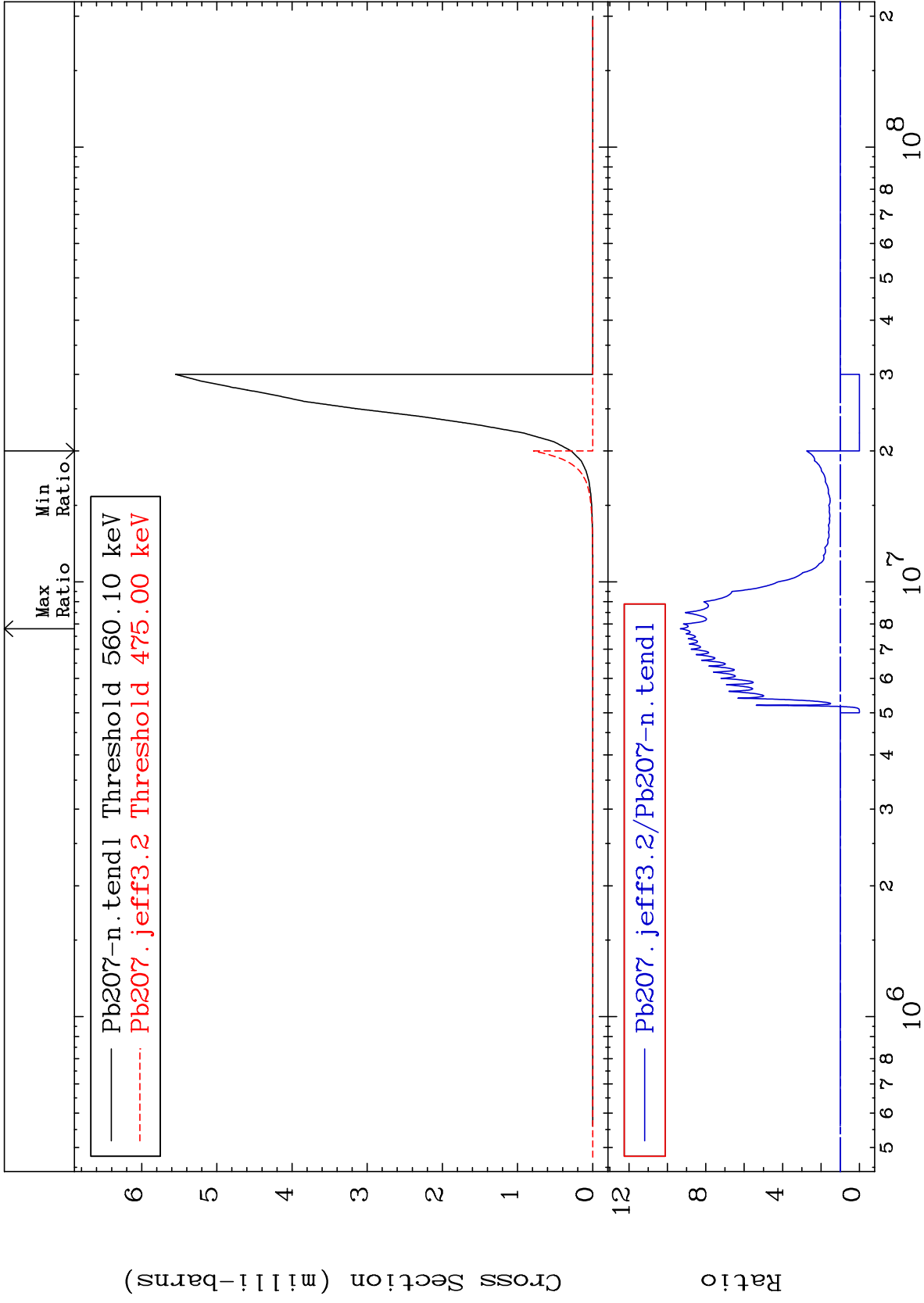
82-Pb-207



MAT 8234

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

82-Pb-207  
-100.0 To 832.5 %



7

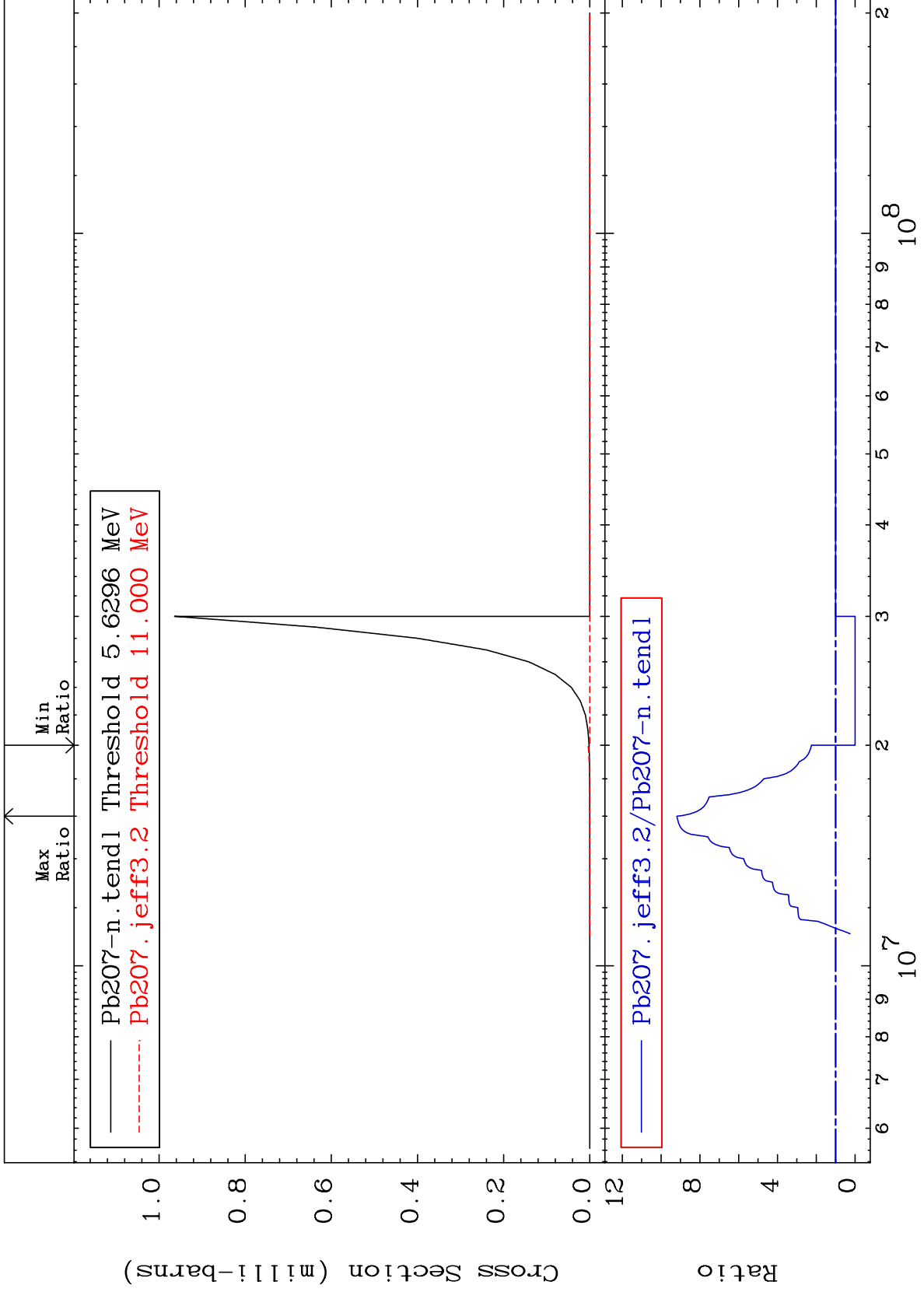
Incident Energy (eV)

82-Pb-207

MAT 8234

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

82-Pb-207  
-100.0 To 818.3 %



8

Incident Energy (eV)

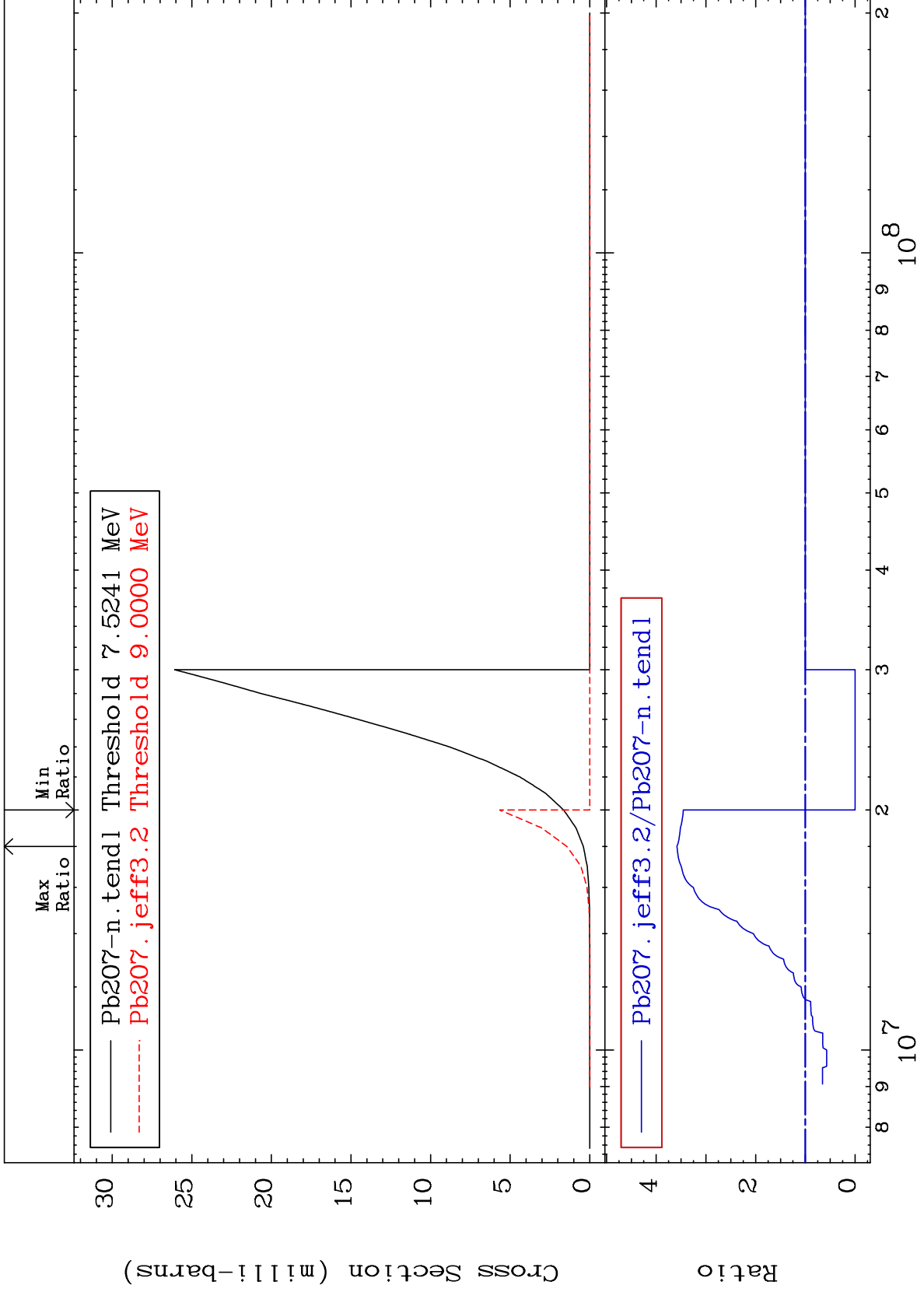
82-Pb-207



MAT 8234

(n,n') p  
Cross Section

82-Pb-207  
-100.0 To 258.4 %



9

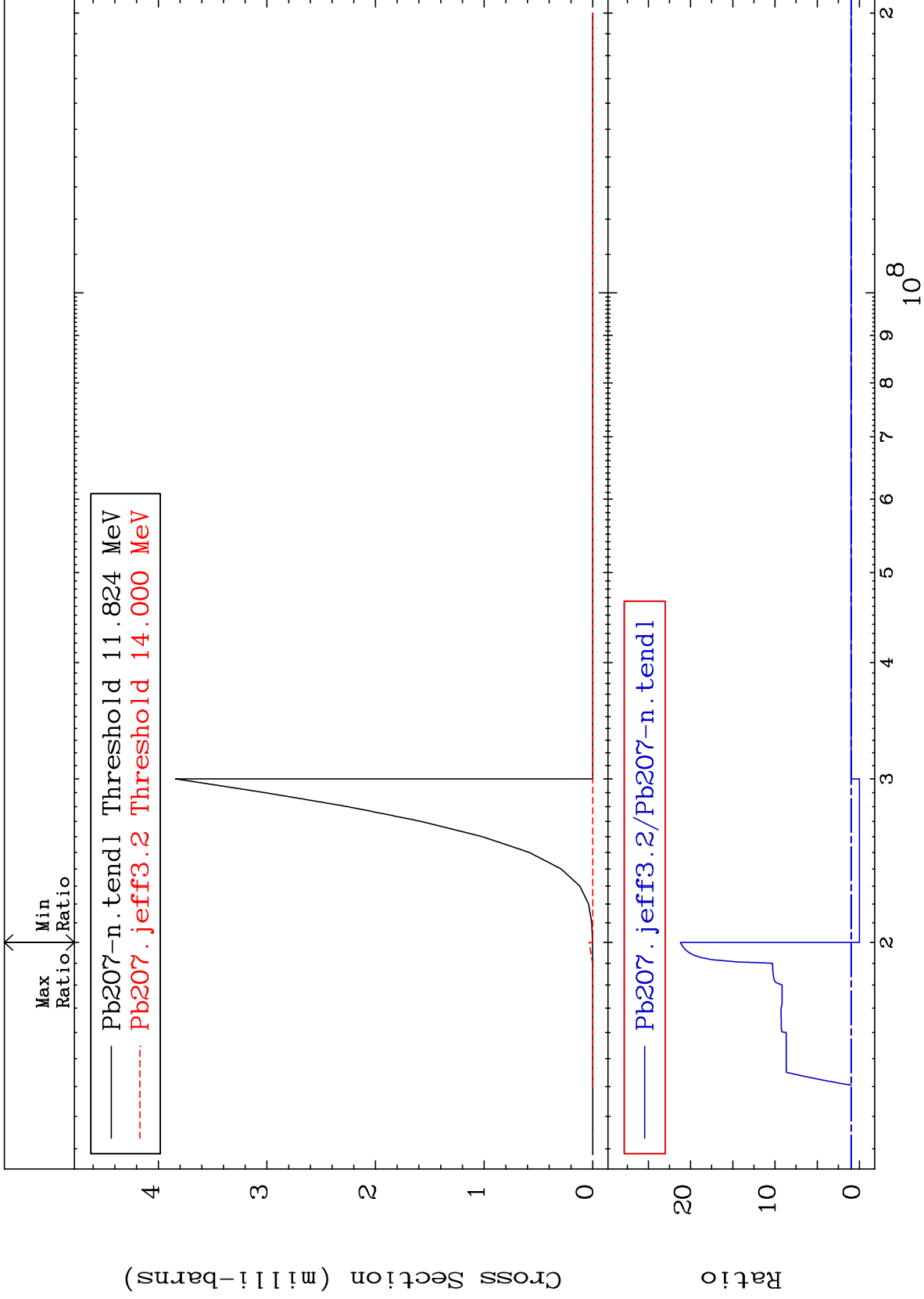
Incident Energy (eV)

82-Pb-207

MAT 8234

(n, n') d  
Cross Section

82-Pb-207  
-100.0 To 2021. %



10

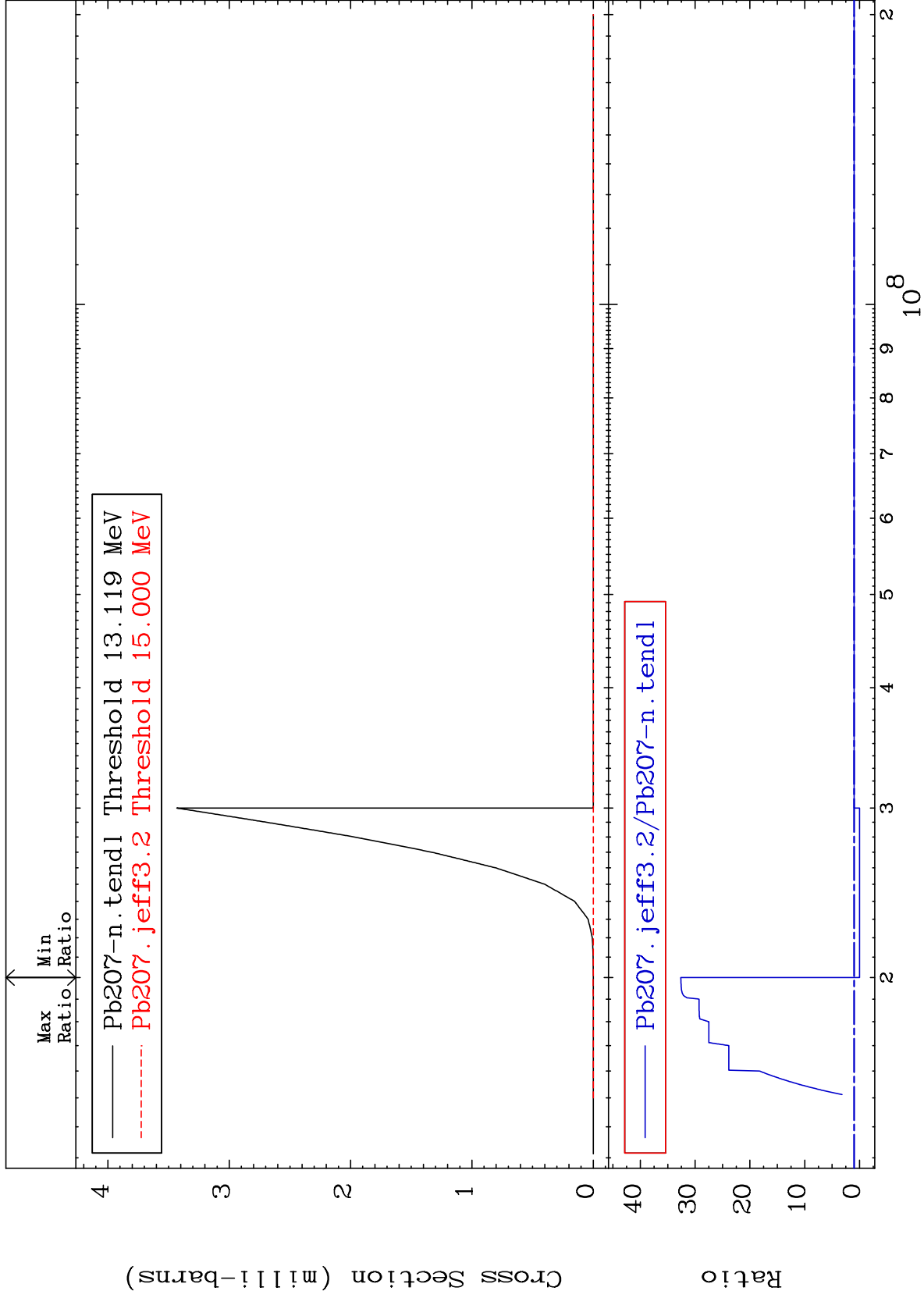
Incident Energy (eV)

82-Pb-207

MAT 8234

(n, n') t  
Cross Section

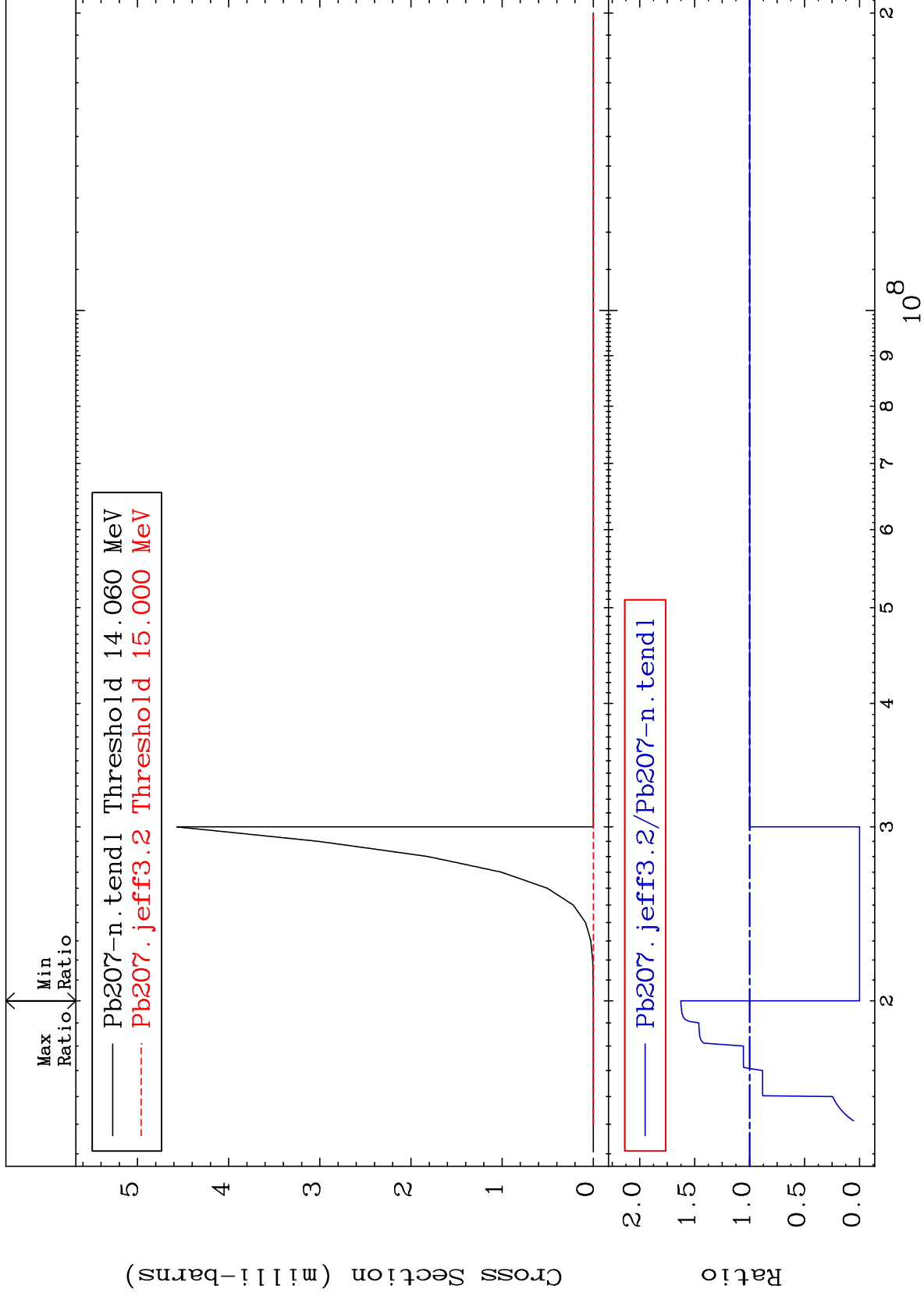
82-Pb-207  
-100.0 To 3162. %



MAT 8234

(n,2n) p  
Cross Section

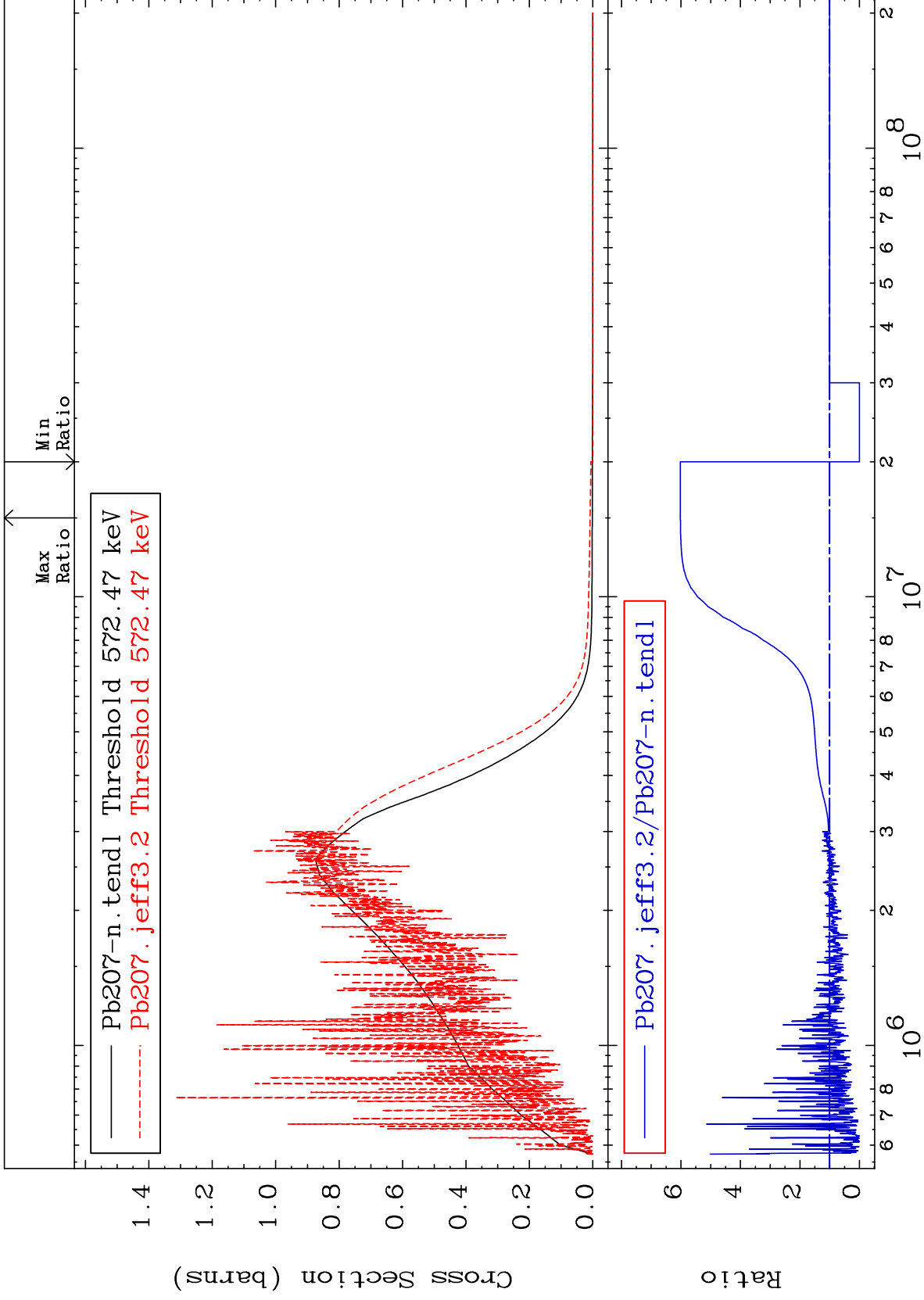
82-Pb-207  
-100.0 To 62.58 %



MAT 8234

569.7 keV (n,n') Level  
Cross Section

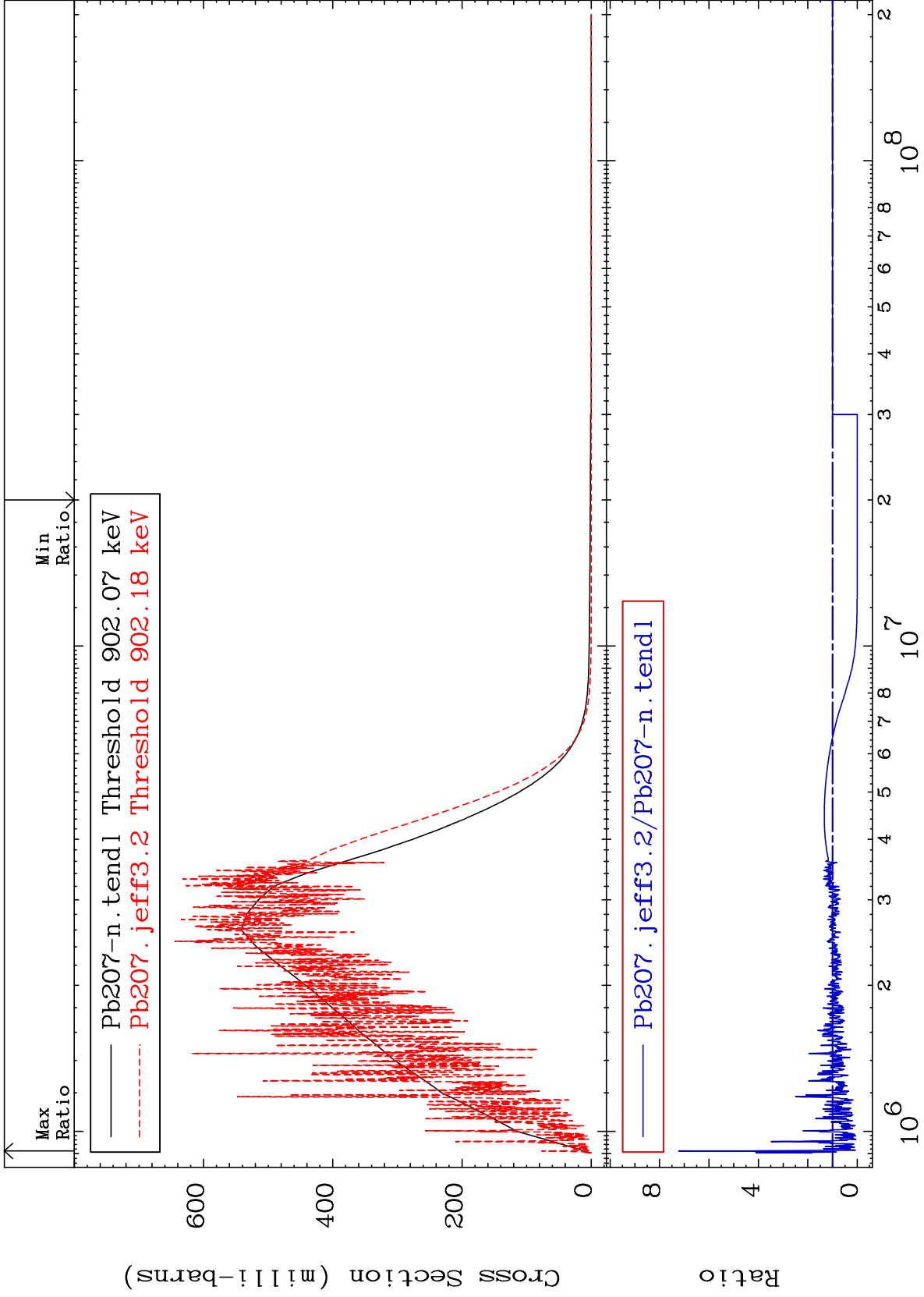
82-Pb-207  
-100.0 To 502.0 %



MAT 8234

897.7 keV (n,n') Level  
Cross Section

82-Pb-207  
-100.0 To 622.8 %



14

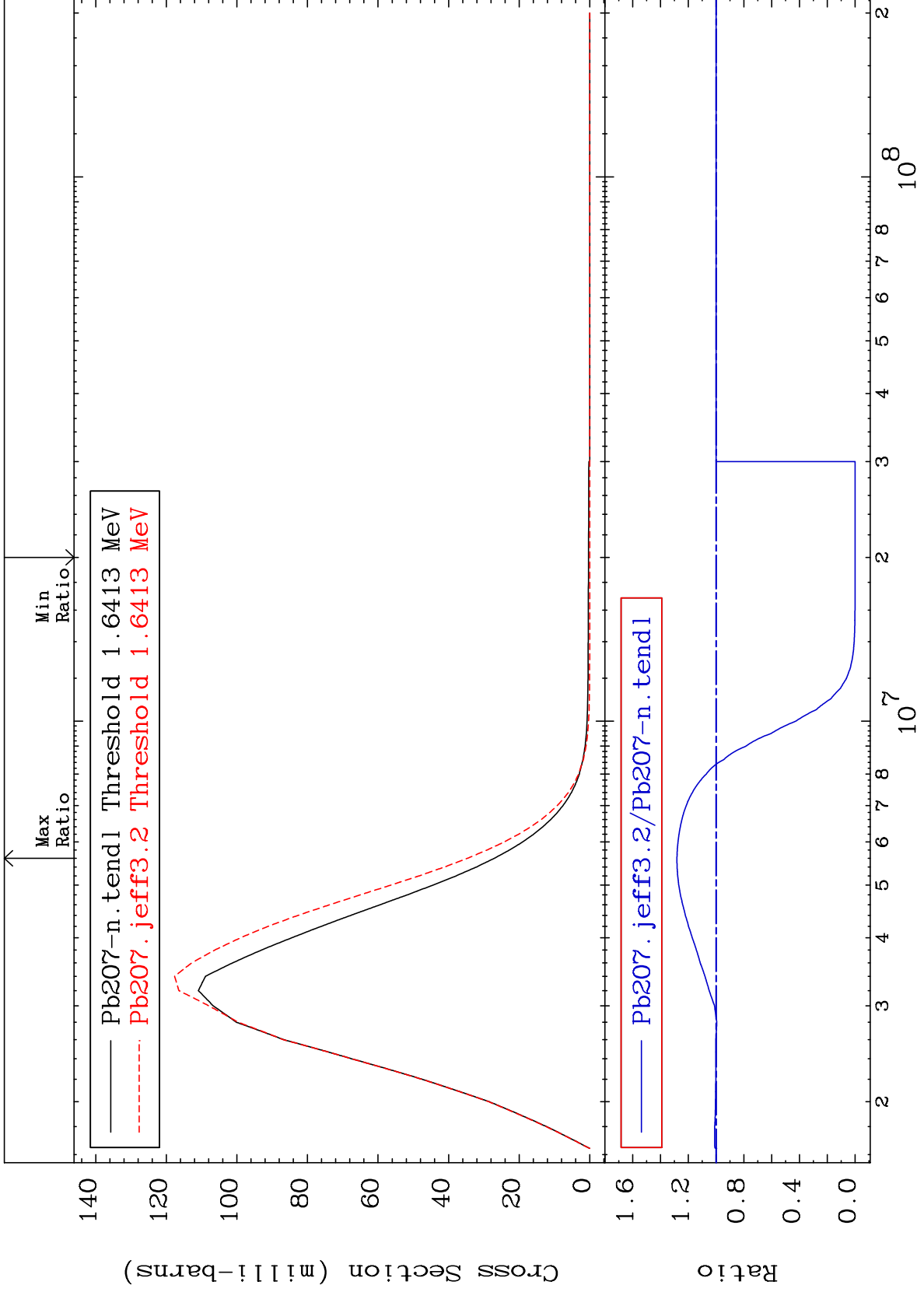
82-Pb-207

82-Pb-207

MAT 8234

1.633 MeV (n,n') Level  
Cross Section

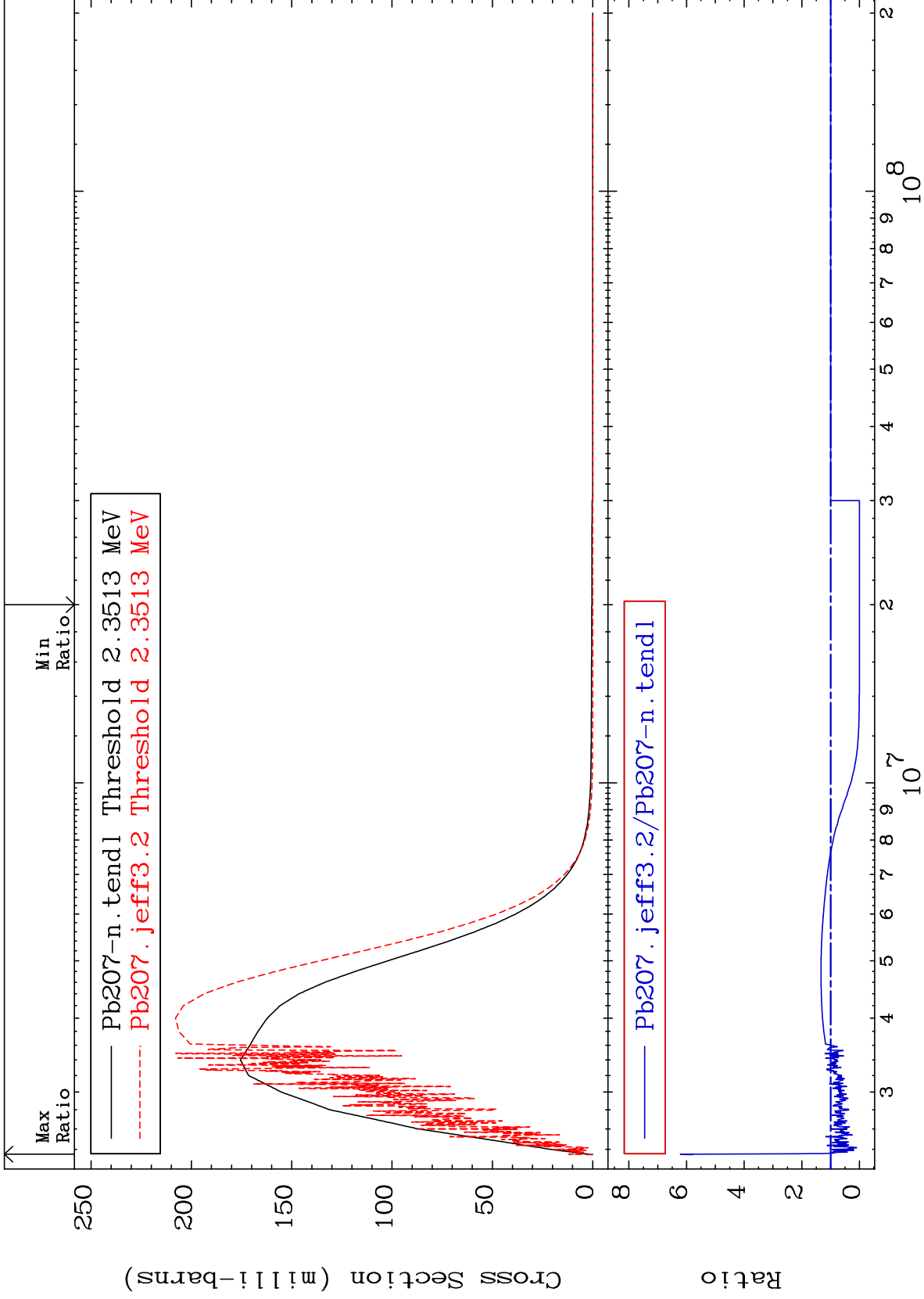
82-Pb-207  
-100.0 To 28.18 %



MAT 8234

2.340 MeV (n,n') Level  
Cross Section

82-Pb-207  
-100.0 To 521.4 %

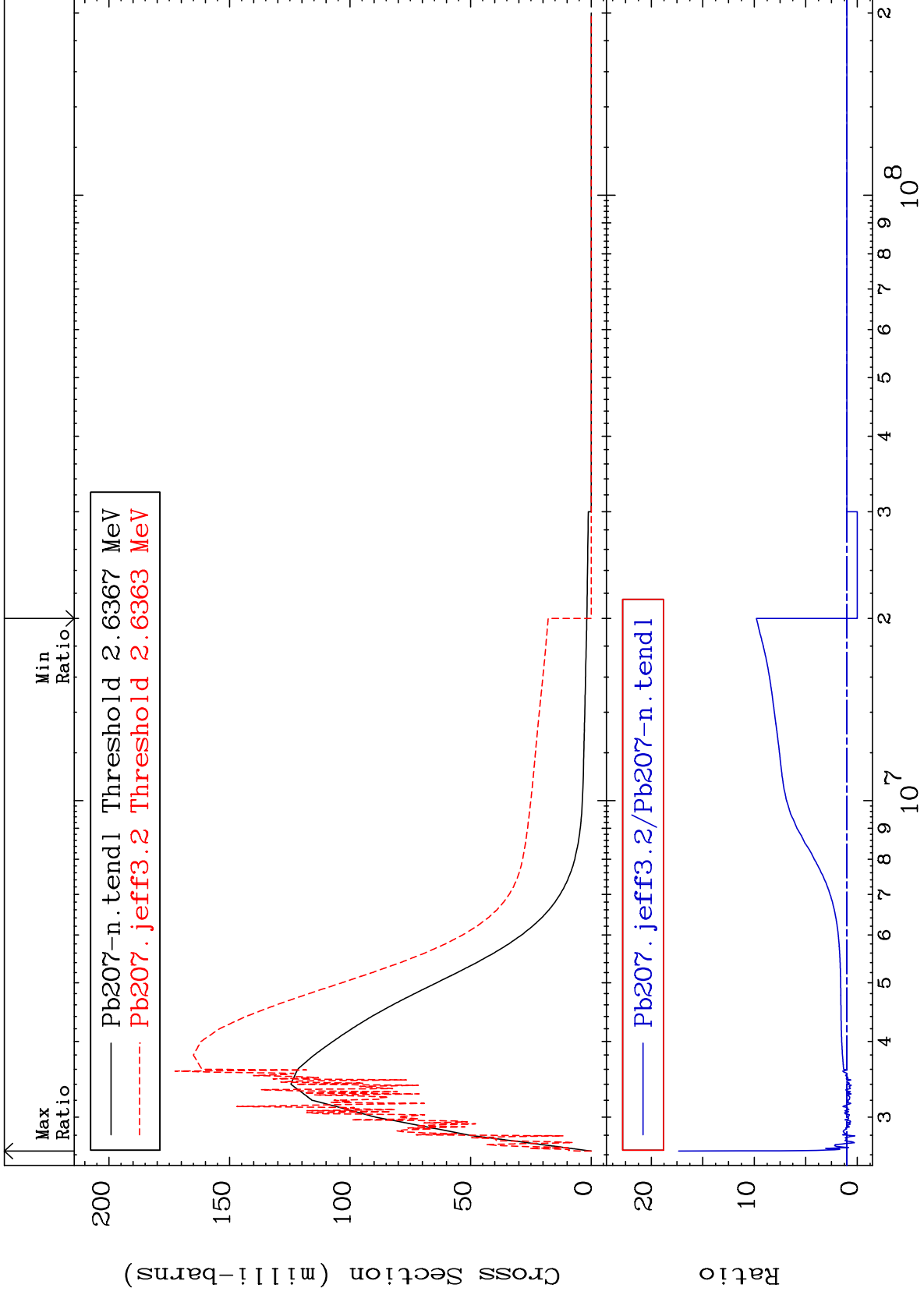




MAT 8234

2.624 MeV (n,n') Level  
Cross Section

82-Pb-207  
-100.0 To 1634. %



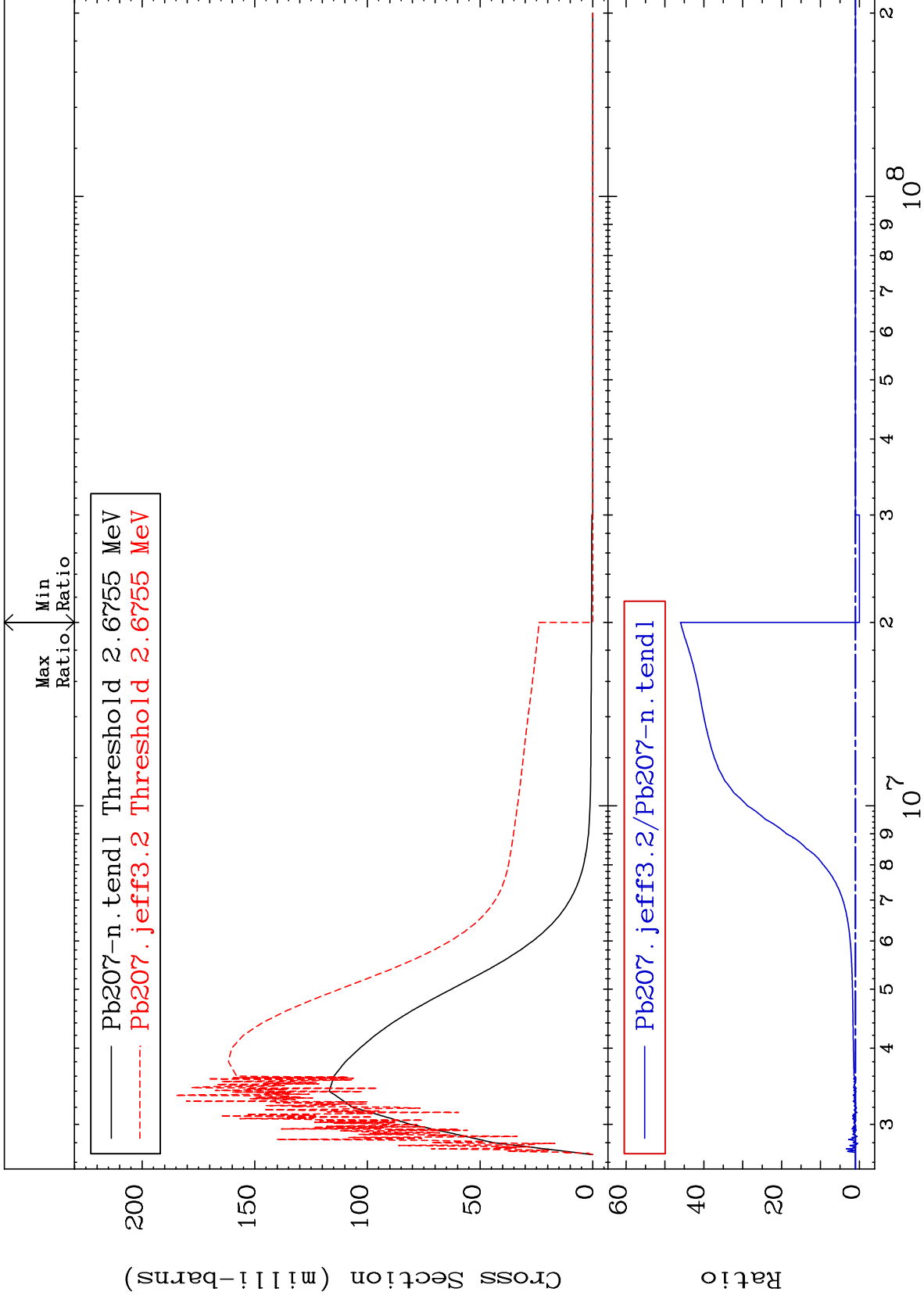
17

82-Pb-207

MAT 8234

2.662 MeV (n,n') Level  
Cross Section

82-Pb-207  
-100.0 To 4503. %



18

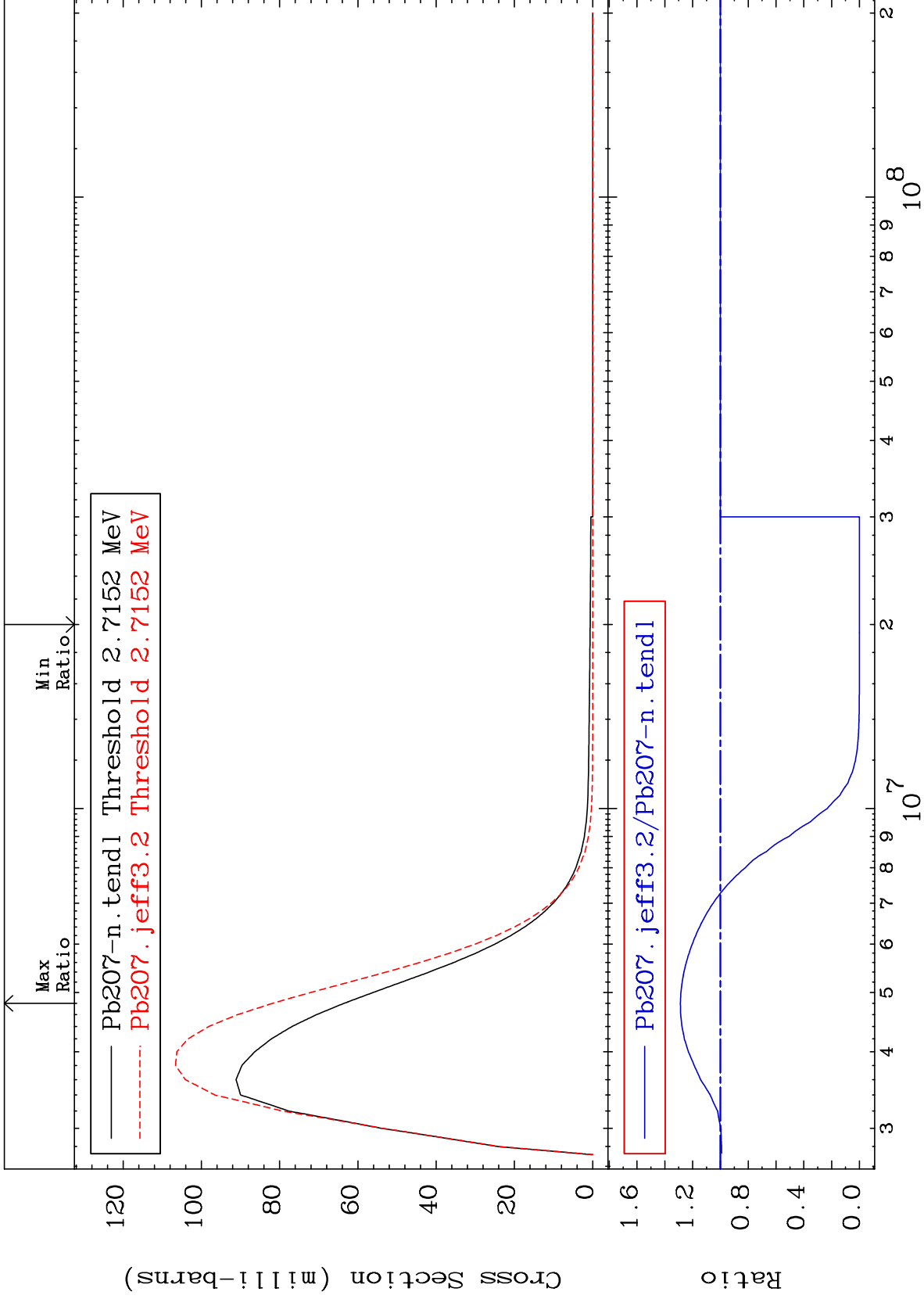
Incident Energy (eV)

82-Pb-207

MAT 8234

2.702 MeV (n,n') Level  
Cross Section

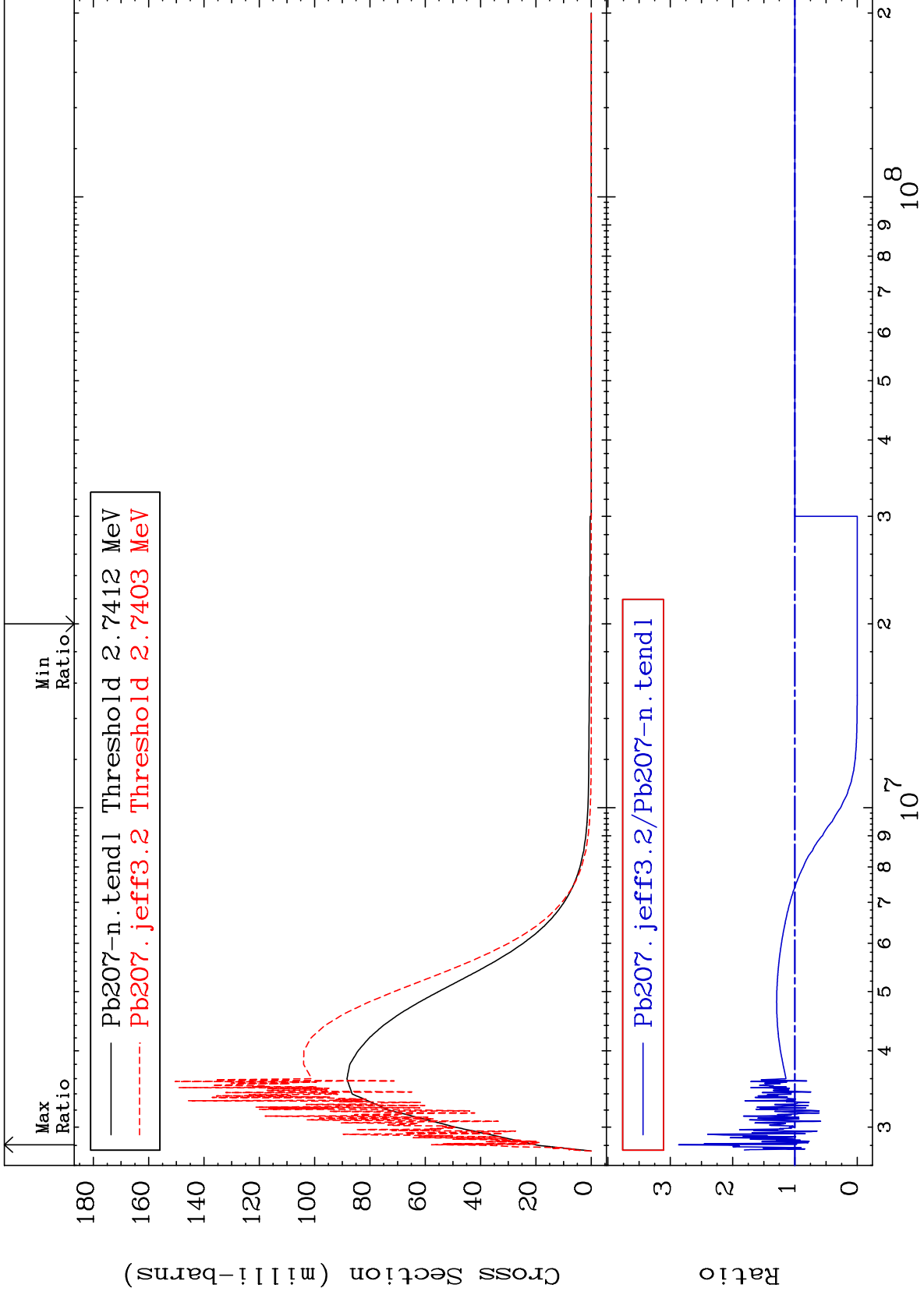
82-Pb-207  
-100.0 To 28.81 %



MAT 8234

2.728 MeV (n,n') Level  
Cross Section

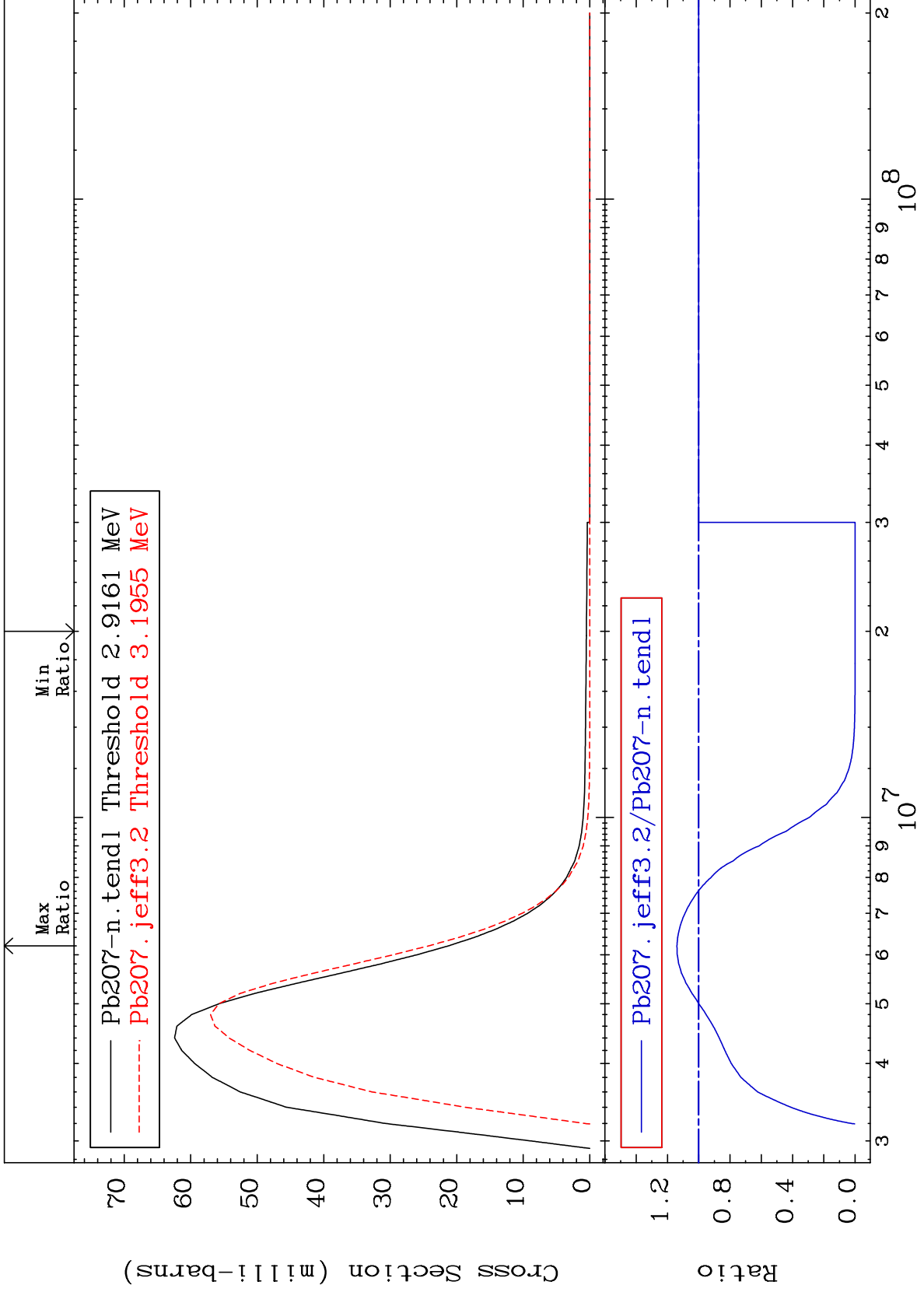
82-Pb-207  
-100.0 To 186.6 %



MAT 8234

2.902 MeV (n,n') Level  
Cross Section

82-Pb-207  
-100.0 To 13.96 %



21

Incident Energy (eV)

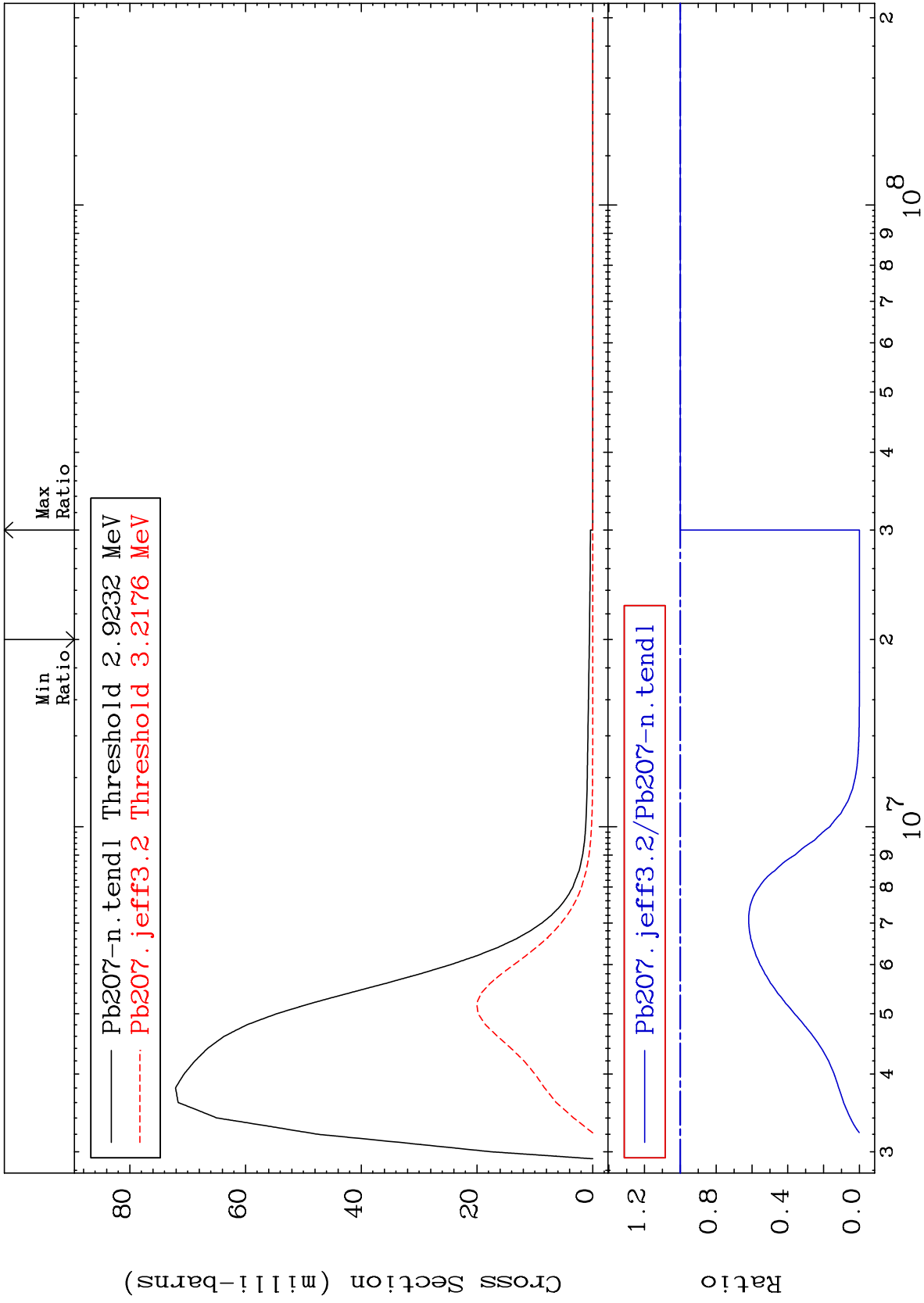
82-Pb-207

MAT 8234

2.909 MeV (n,n') Level

82-Pb-207

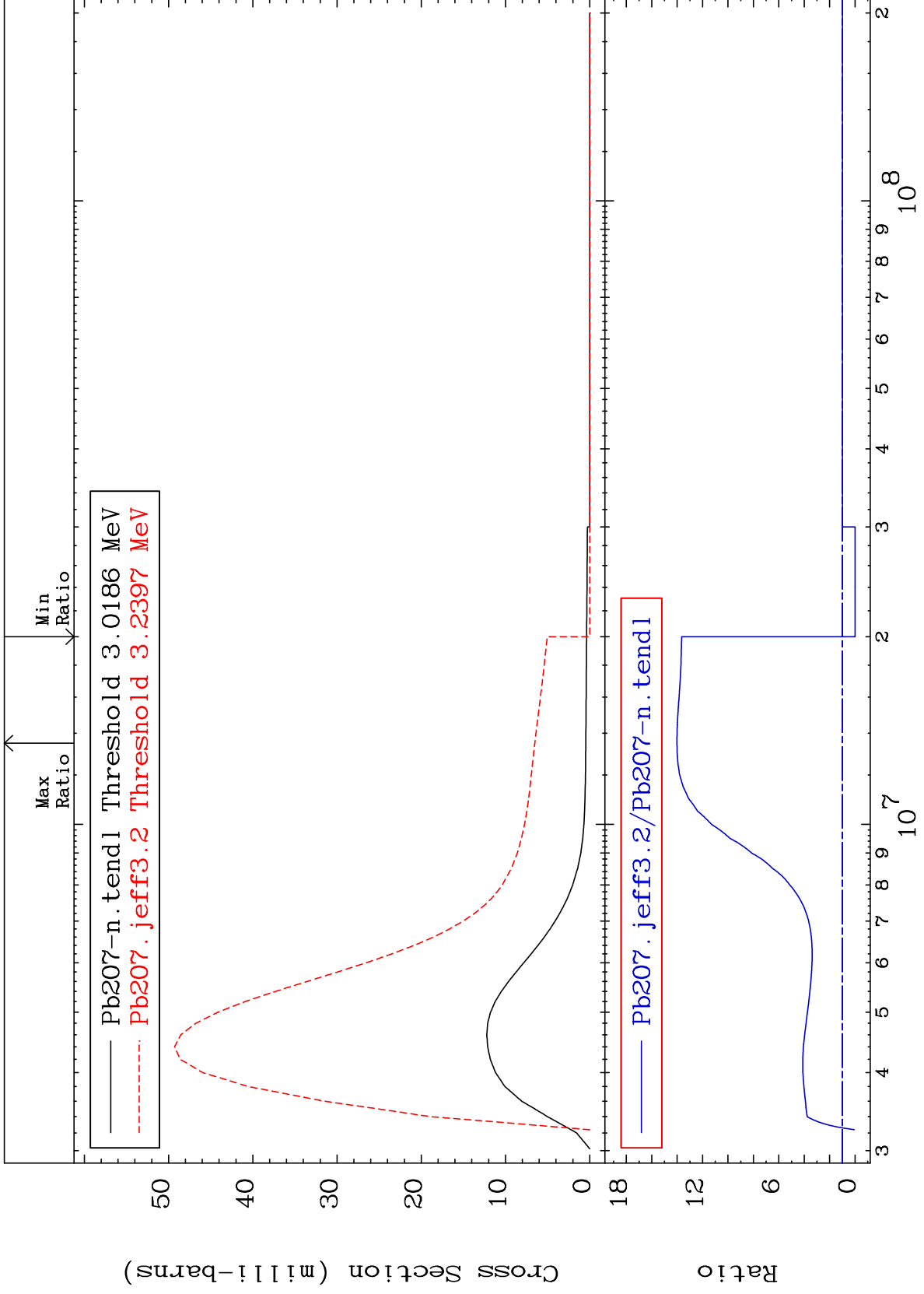
-100.0 To 0.000 %



MAT 8234

3.004 MeV (n,n') Level  
Cross Section

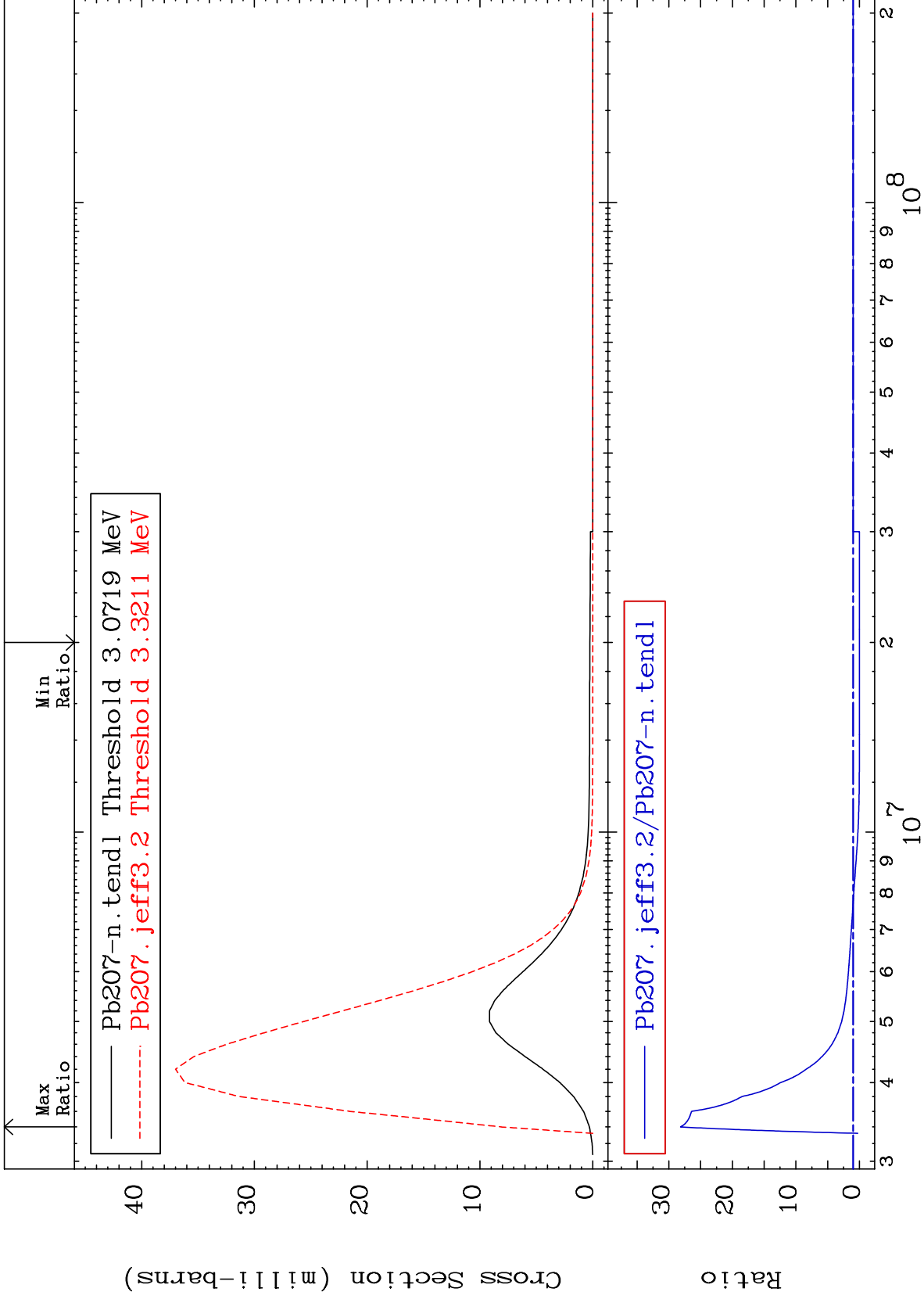
82-Pb-207  
-100.0 To 1302. %



MAT 8234

3.057 MeV (n,n') Level  
Cross Section

82-Pb-207  
-100.0 To 2719. %



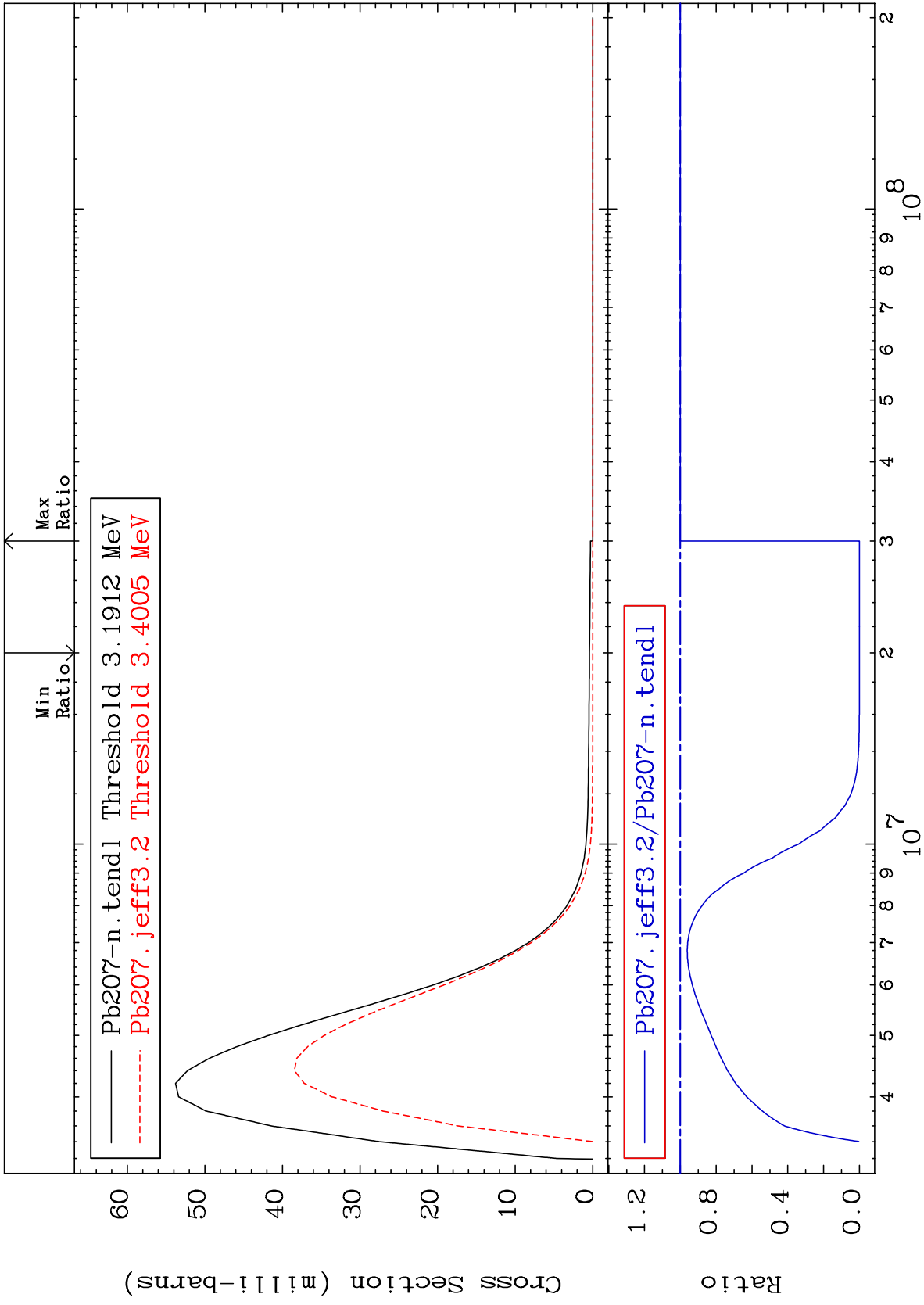


MAT 8234

3.176 MeV (n,n') Level

82-Pb-207

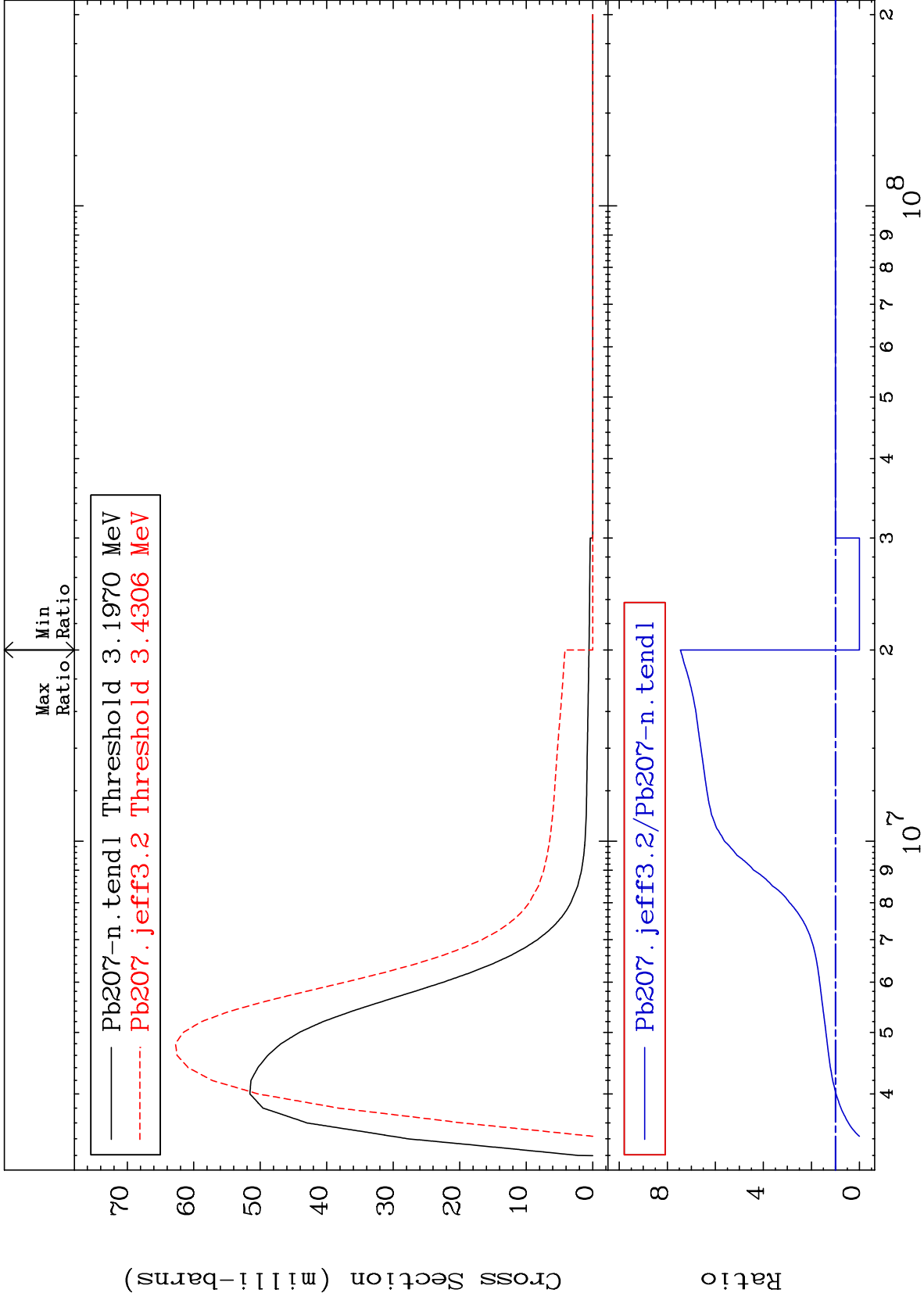
-100.0 To 0.000 %



MAT 8234

3.181 MeV (n,n') Level  
Cross Section

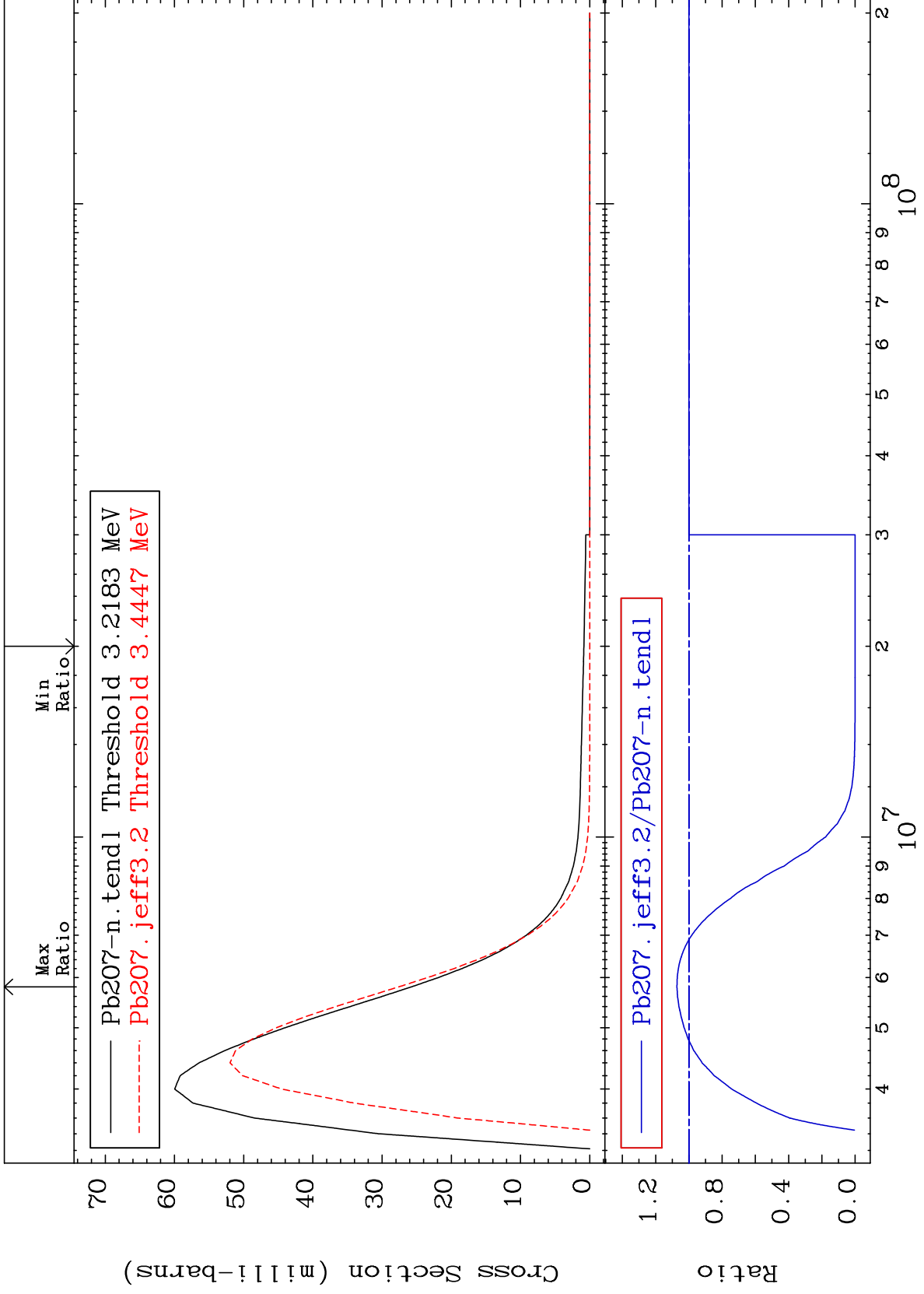
82-Pb-207  
-100.0 To 645.6 %



MAT 8234

3.203 MeV (n,n') Level  
Cross Section

82-Pb-207  
-100.0 To 7.186 %

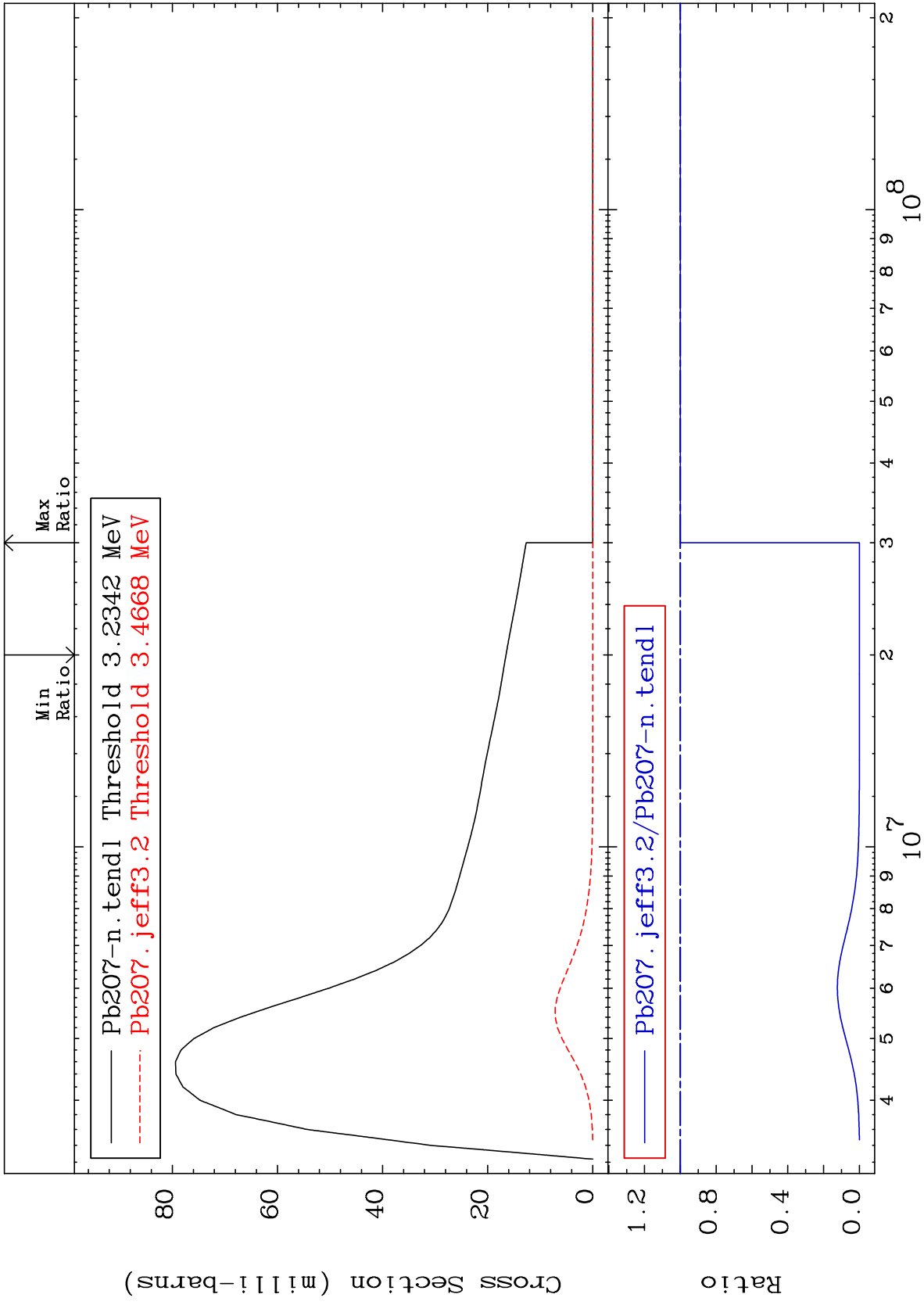


MAT 8234

3.218 MeV (n,n') Level

82-Pb-207

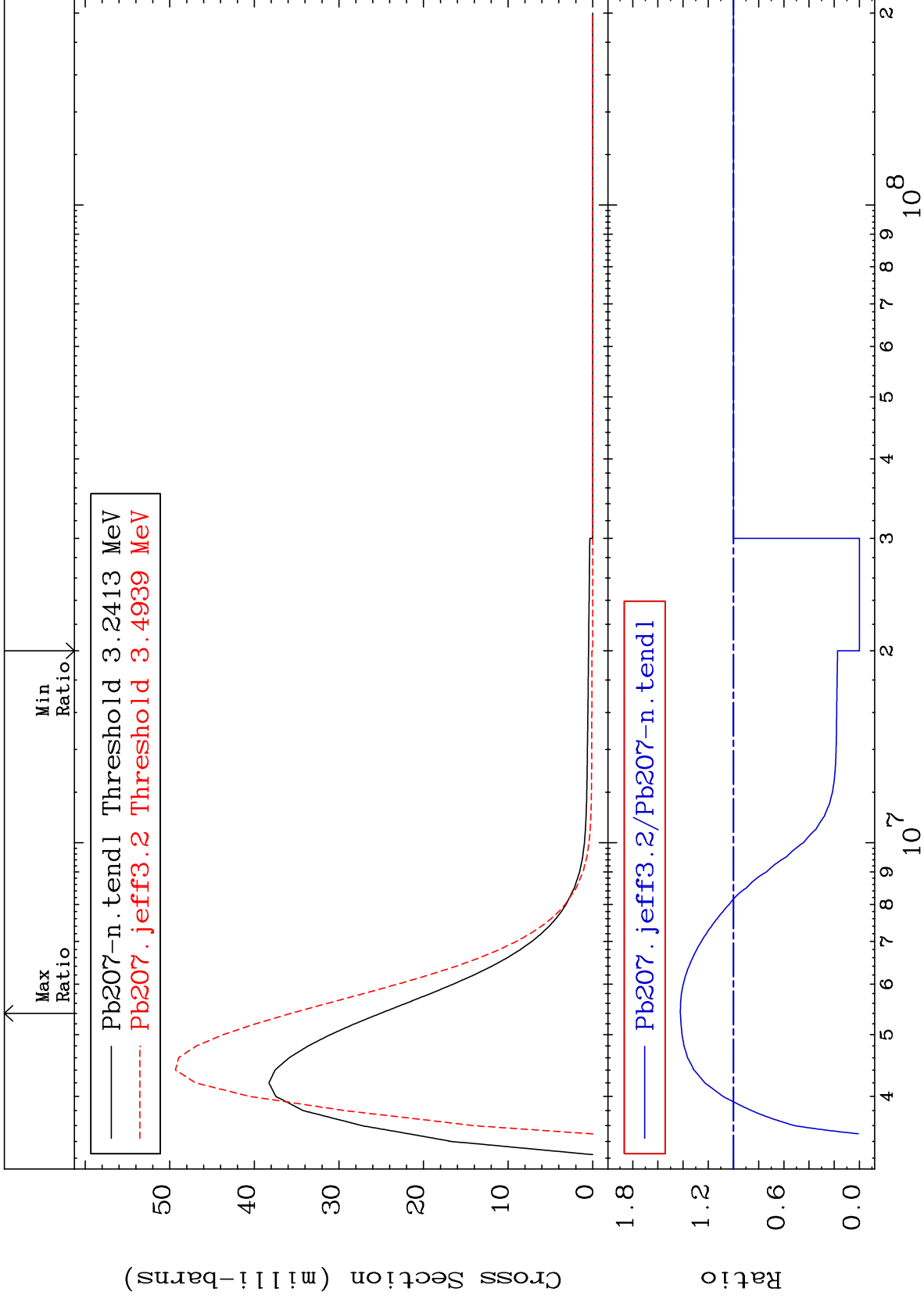
-100.0 To 0.000 %



MAT 8234

3.226 MeV (n,n') Level  
Cross Section

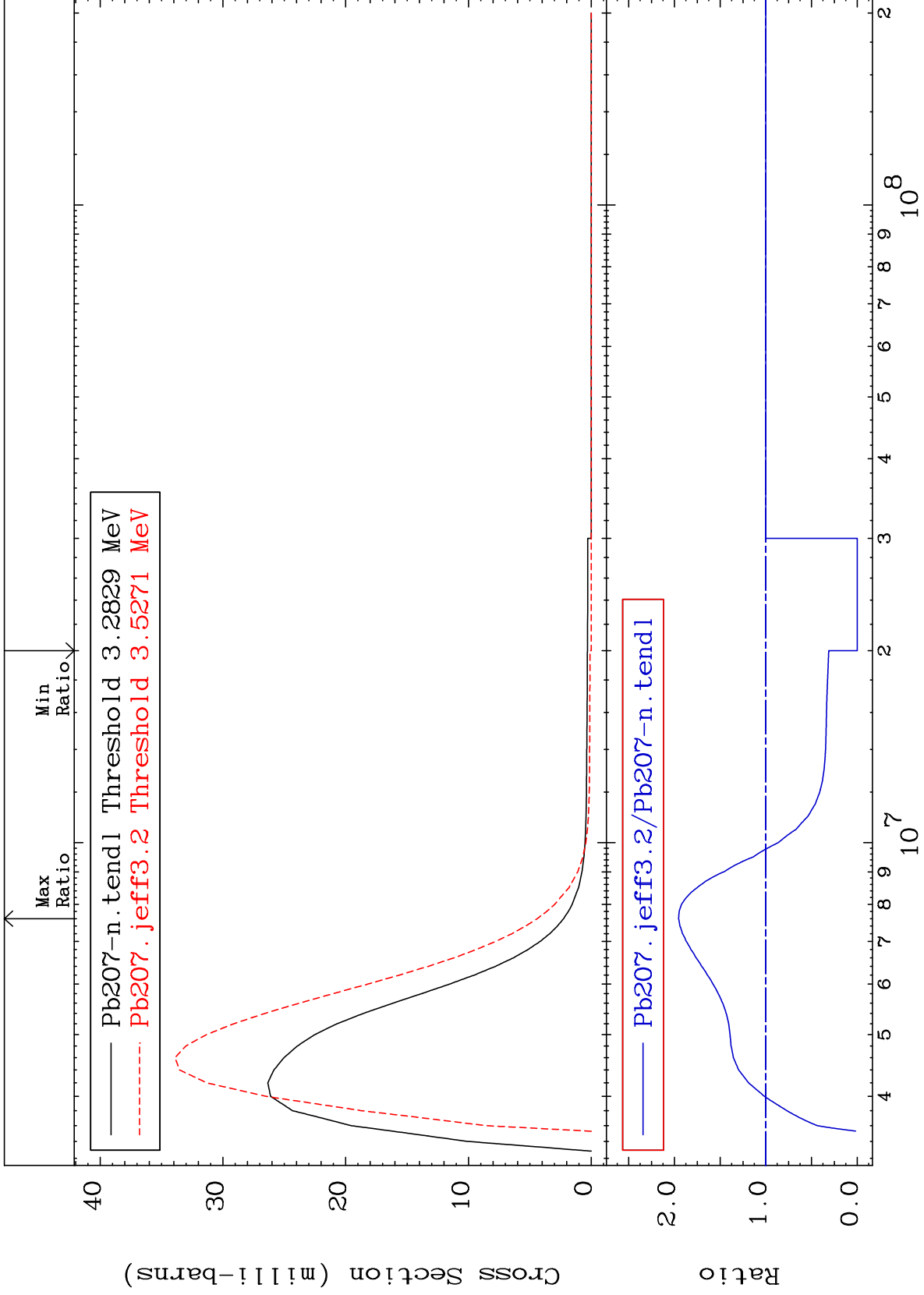
82-Pb-207  
-100.0 To 42.16 %



MAT 8234

3.267 MeV (n,n') Level  
Cross Section

82-Pb-207  
-100.0 To 95.36 %



30

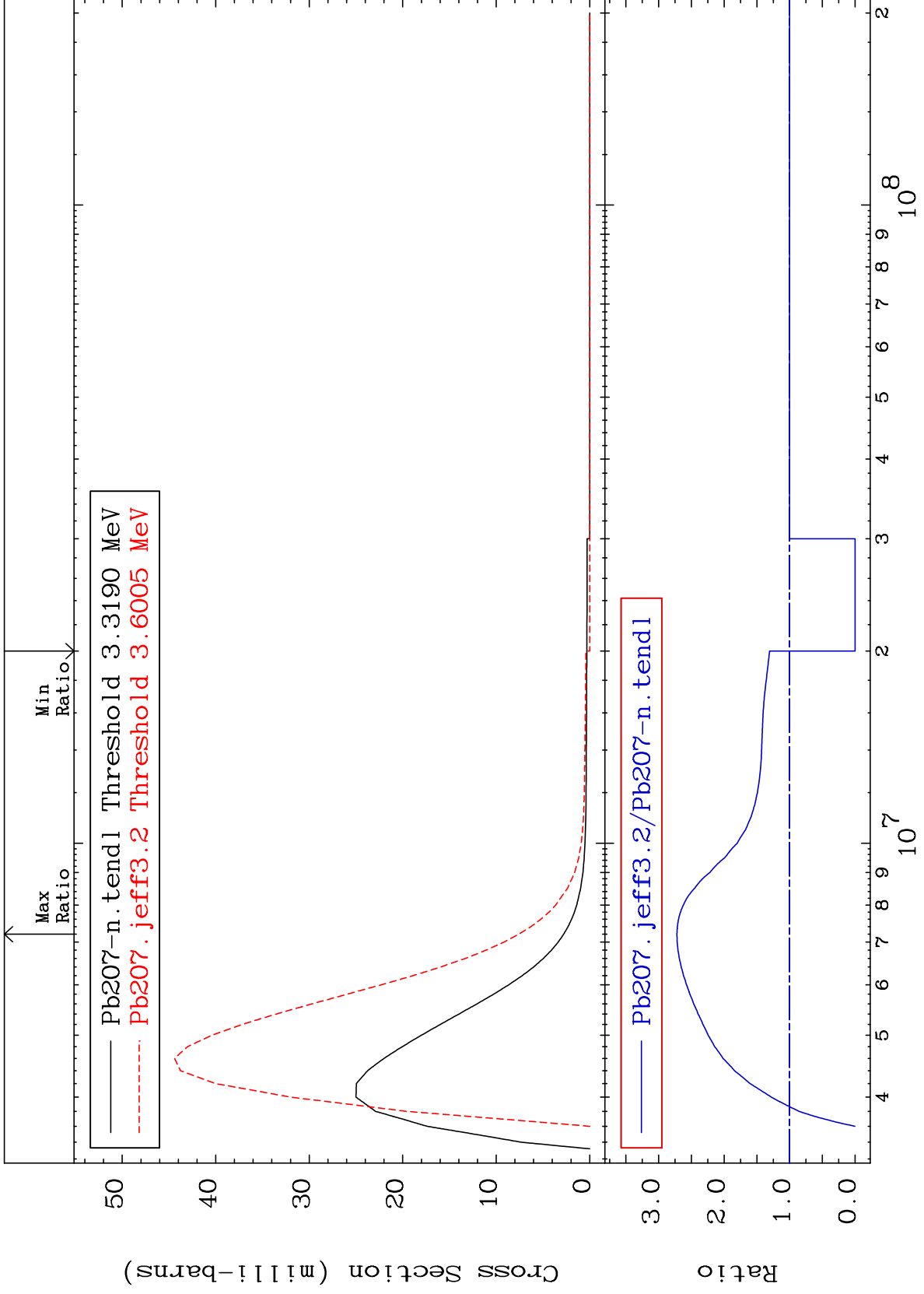
Incident Energy (eV)

82-Pb-207

MAT 8234

3.303 MeV (n,n') Level  
Cross Section

82-Pb-207  
-100.0 To 172.1 %

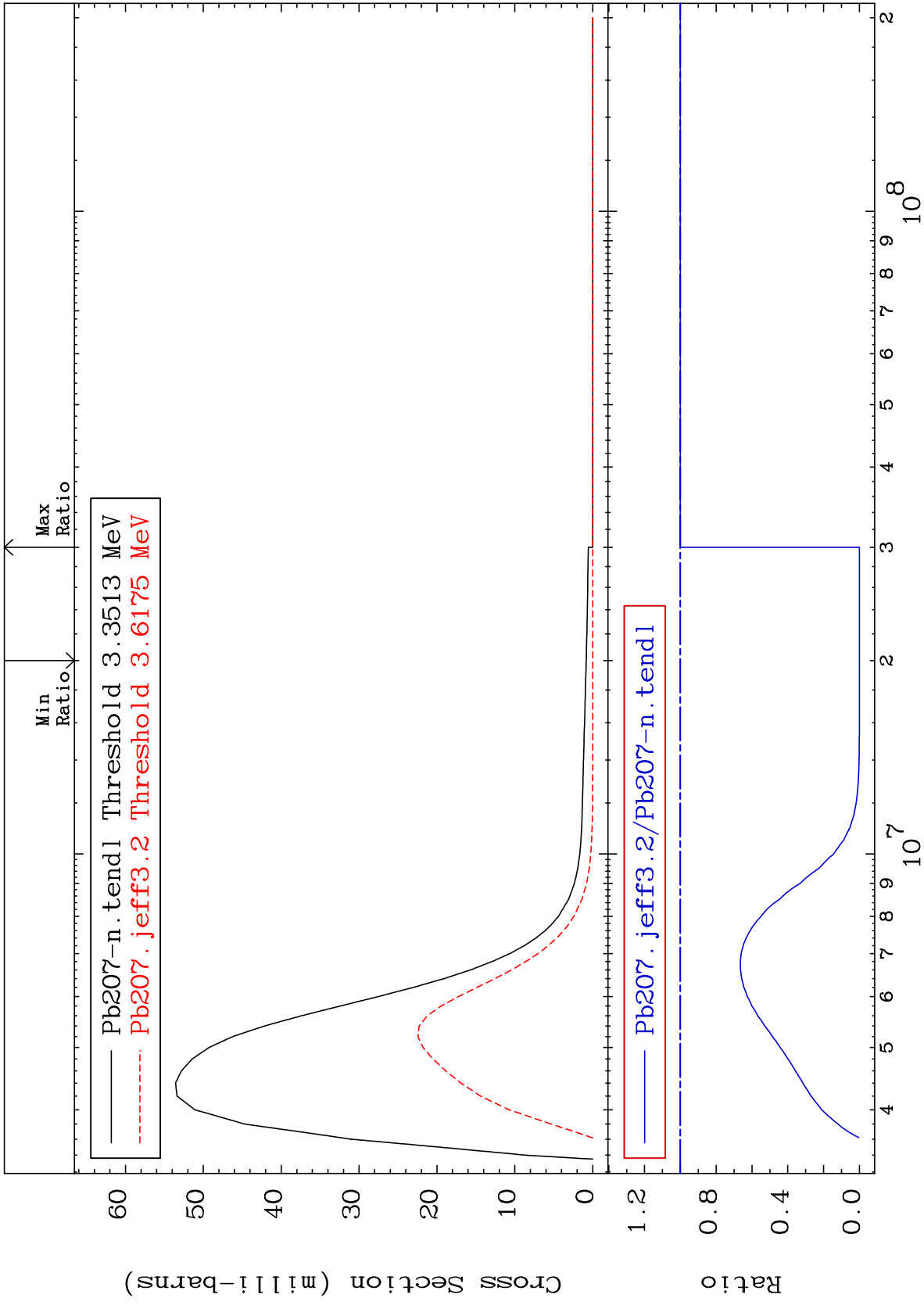


MAT 8234

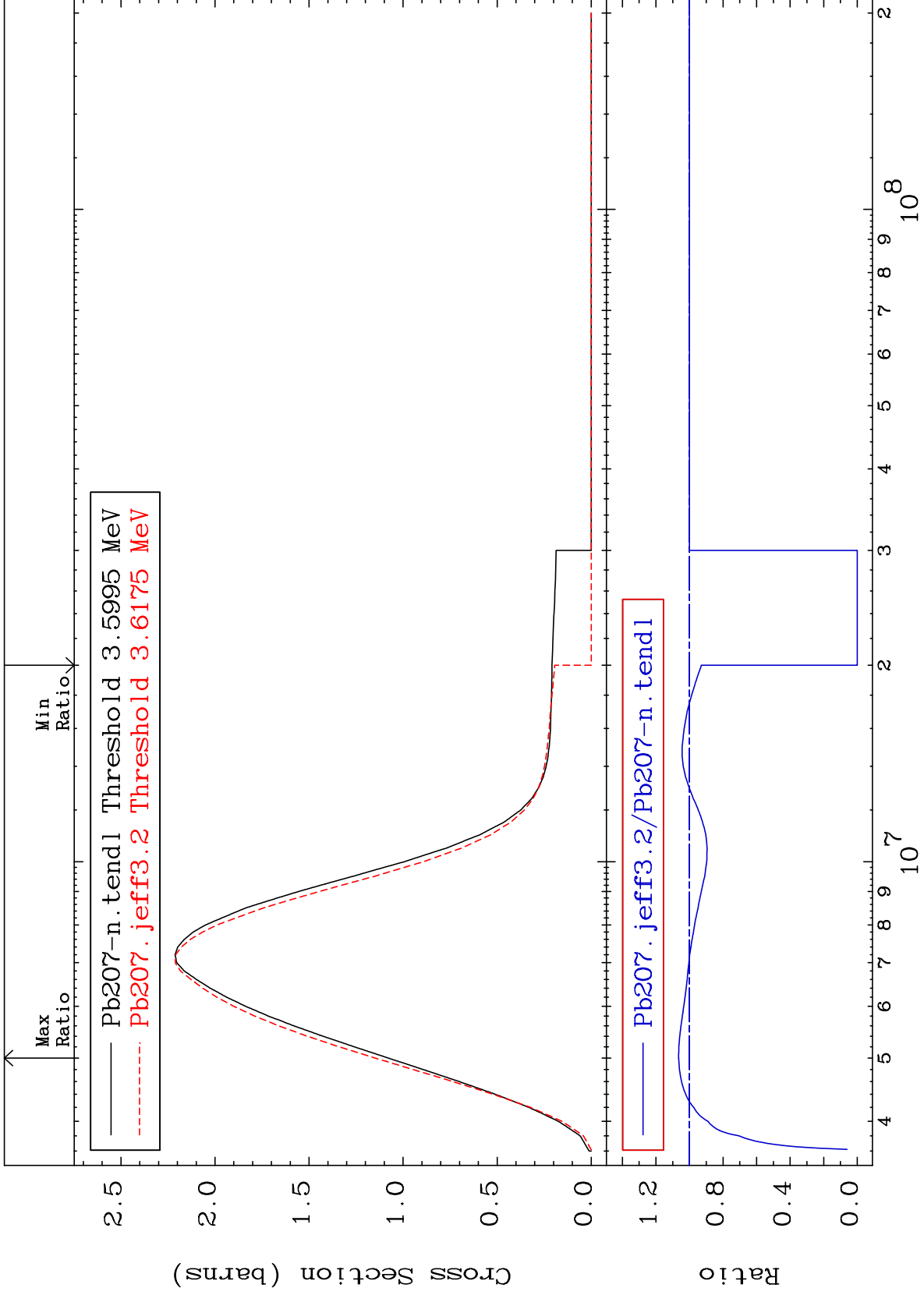
3.335 MeV (n,n') Level

82-Pb-207

-100.0 To 0.000 %



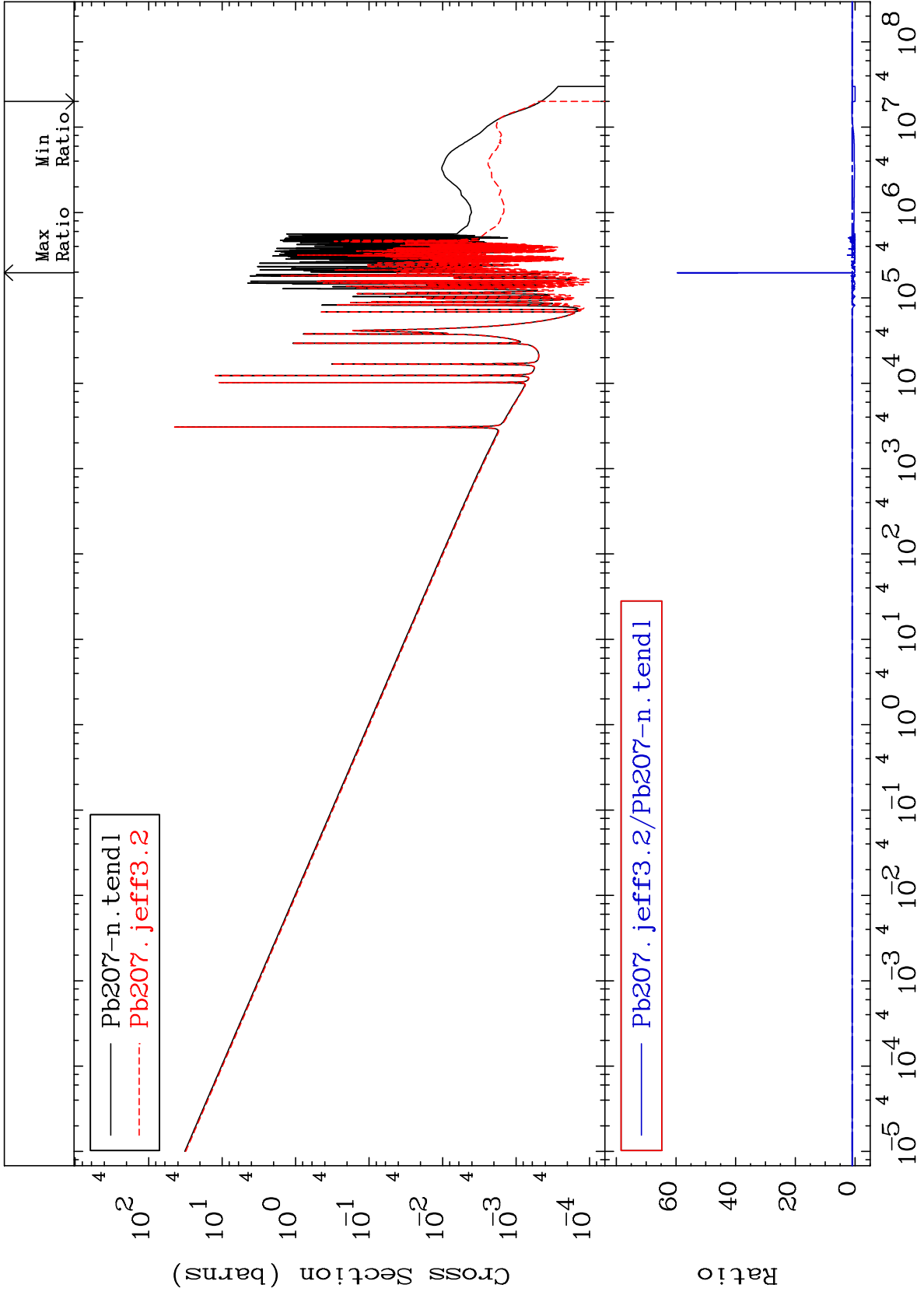




MAT 8234

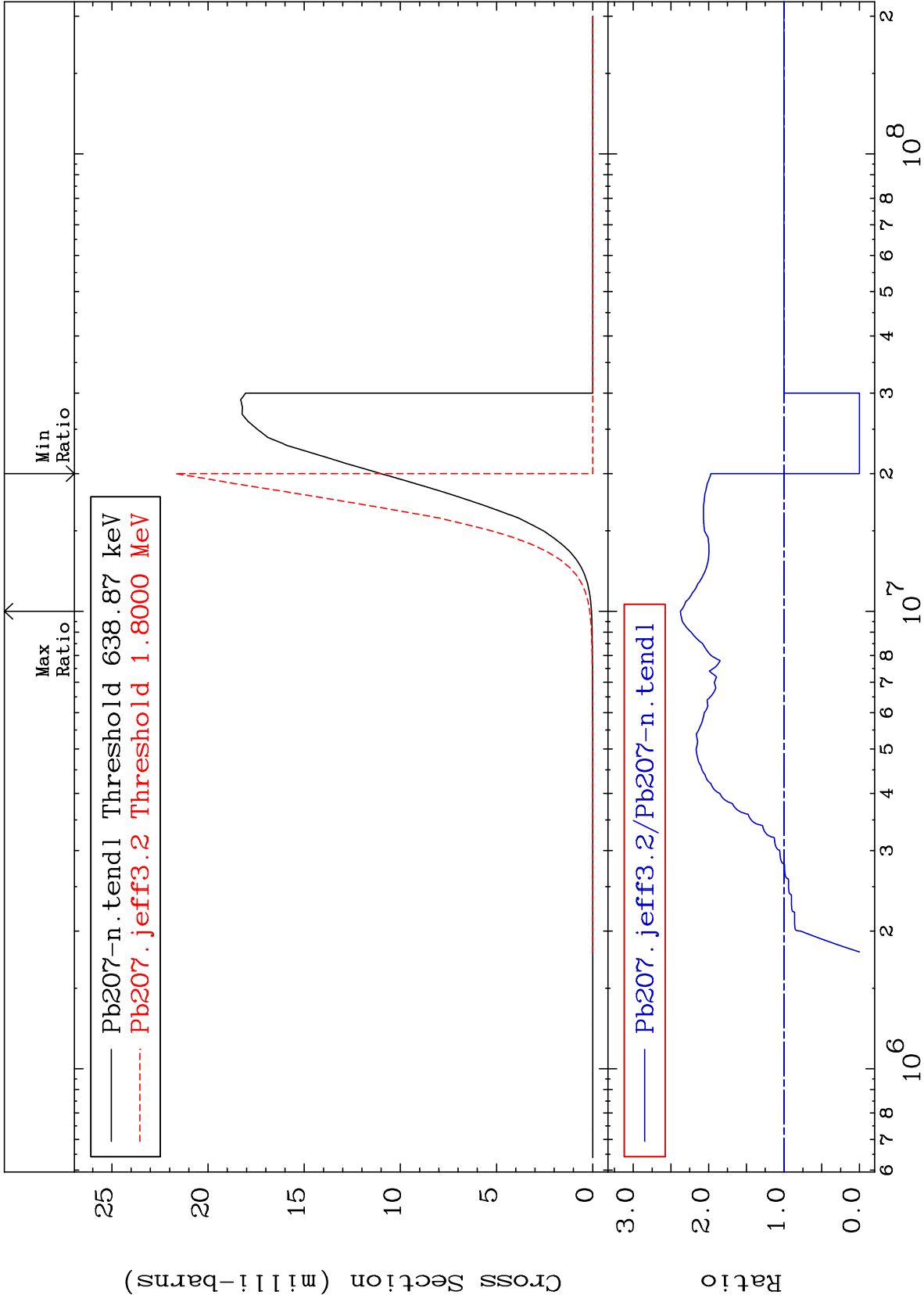
(n,  $\gamma$ )  
Cross Section

82-Pb-207  
-100.0 To 5868. %



MAT 8234

(n,p) Cross Section  
82-Pb-207  
-100.0 To 137.5 %



35

Incident Energy (eV)

82-Pb-207

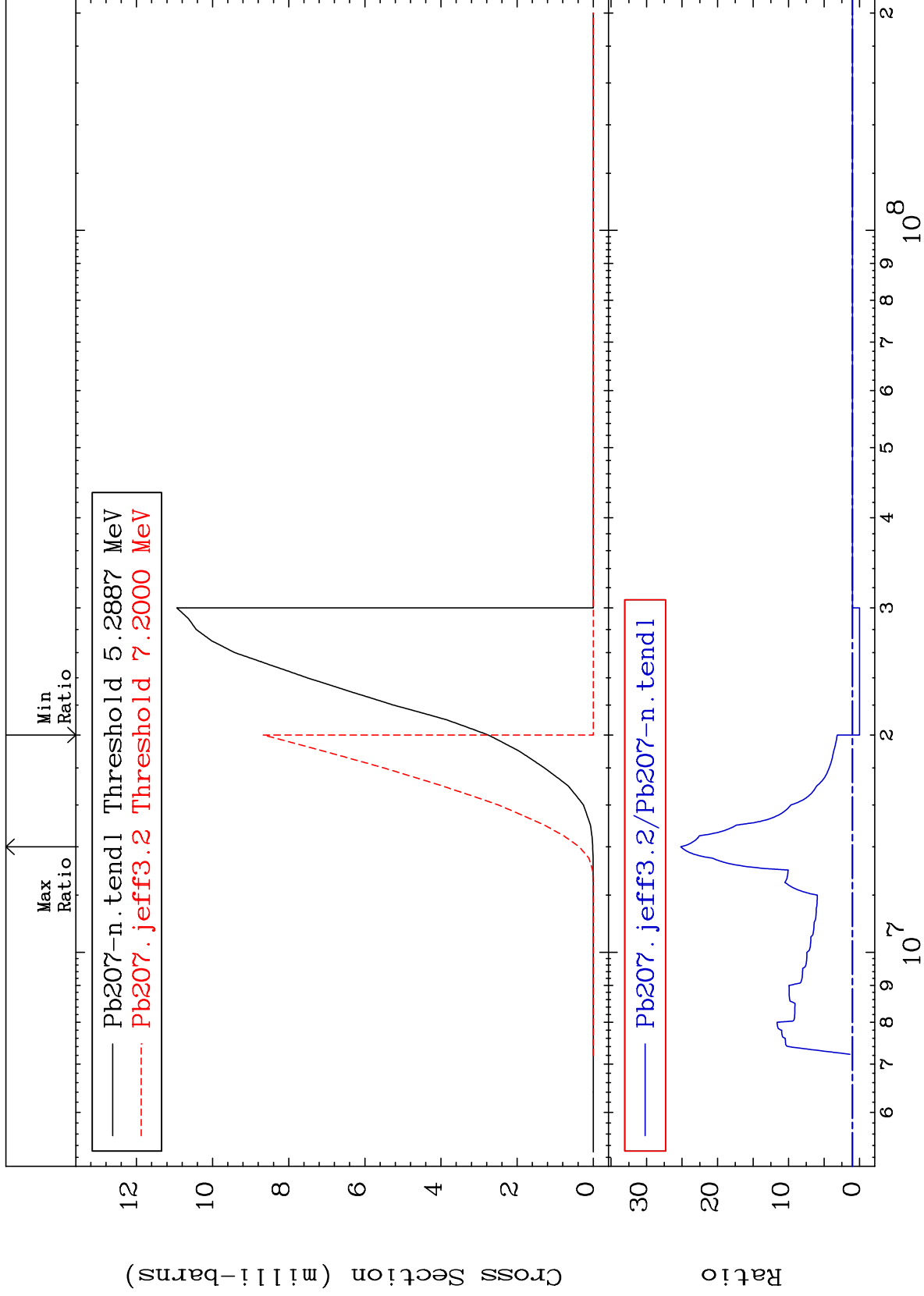
MAT 8234

(n, d)

82-Pb-207

Cross Section

-100.0 To 2418. %



36

Incident Energy (eV)

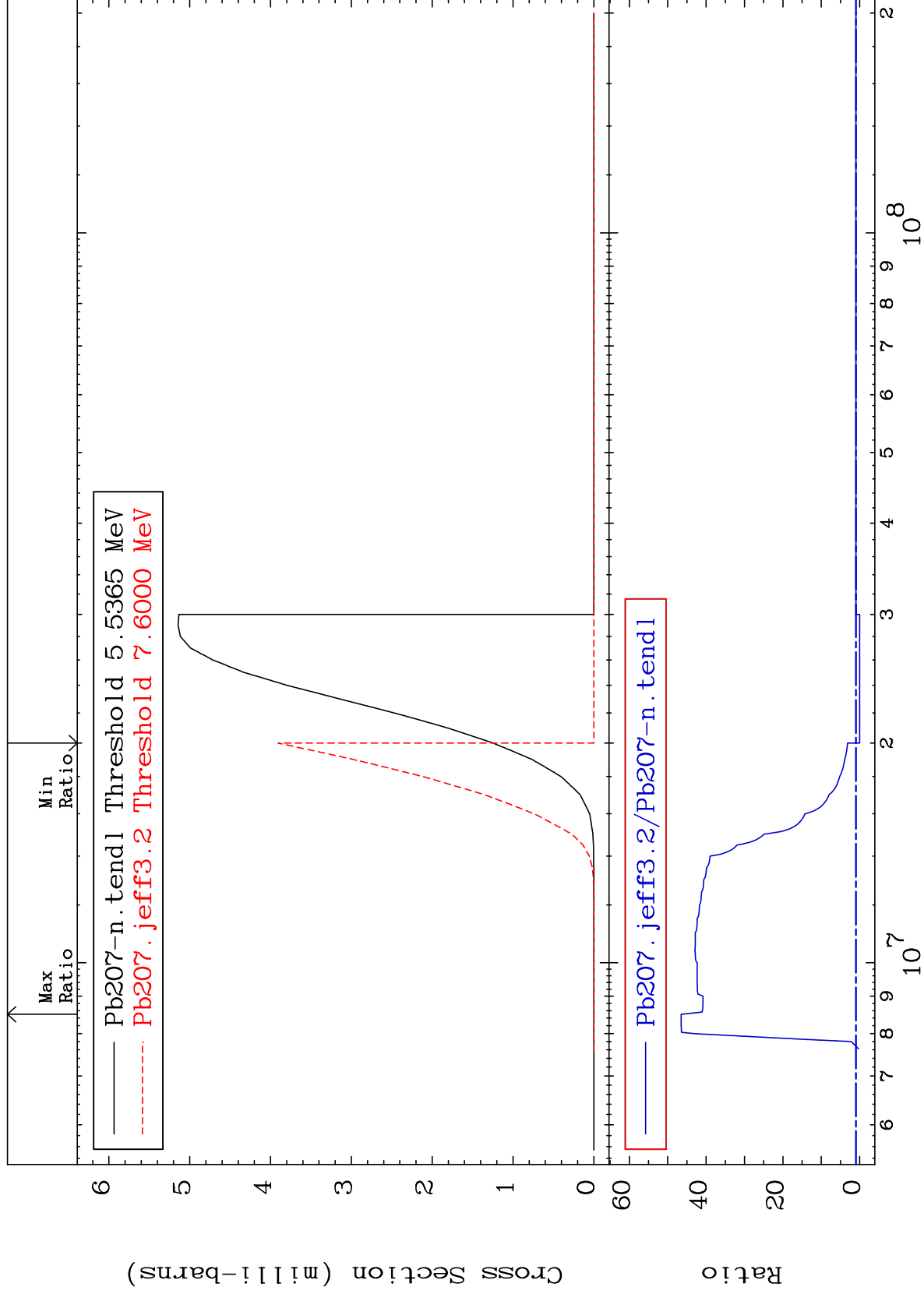
82-Pb-207

MAT 8234

82-Pb-207

(n, t)  
Cross Section

-100.0 To 4549. %



37

82-Pb-207

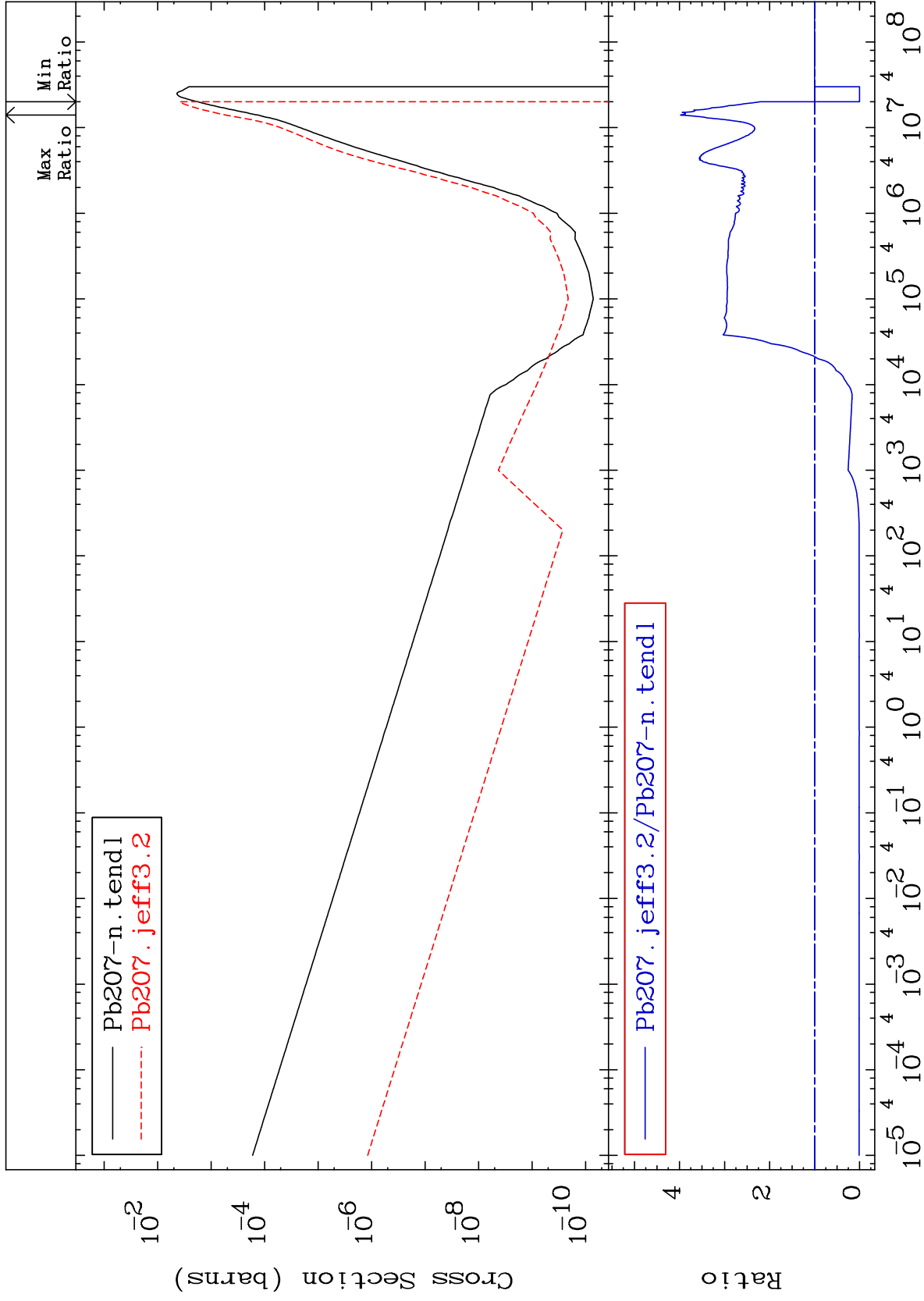
MAT 8234

(n,  $\alpha$ )

82-Pb-207

Cross Section

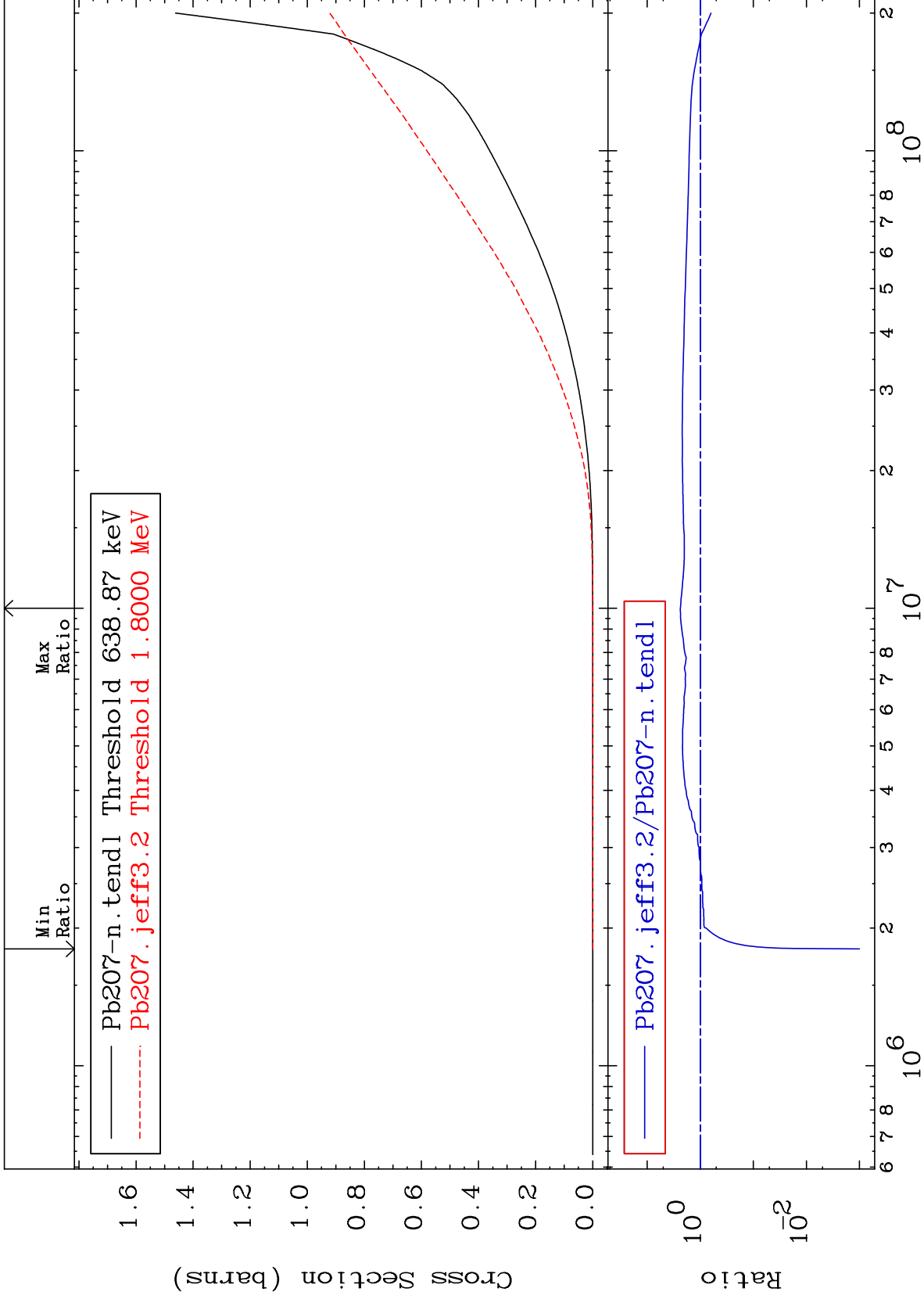
-100.0 To 297.3 %



38

Incident Energy (eV)

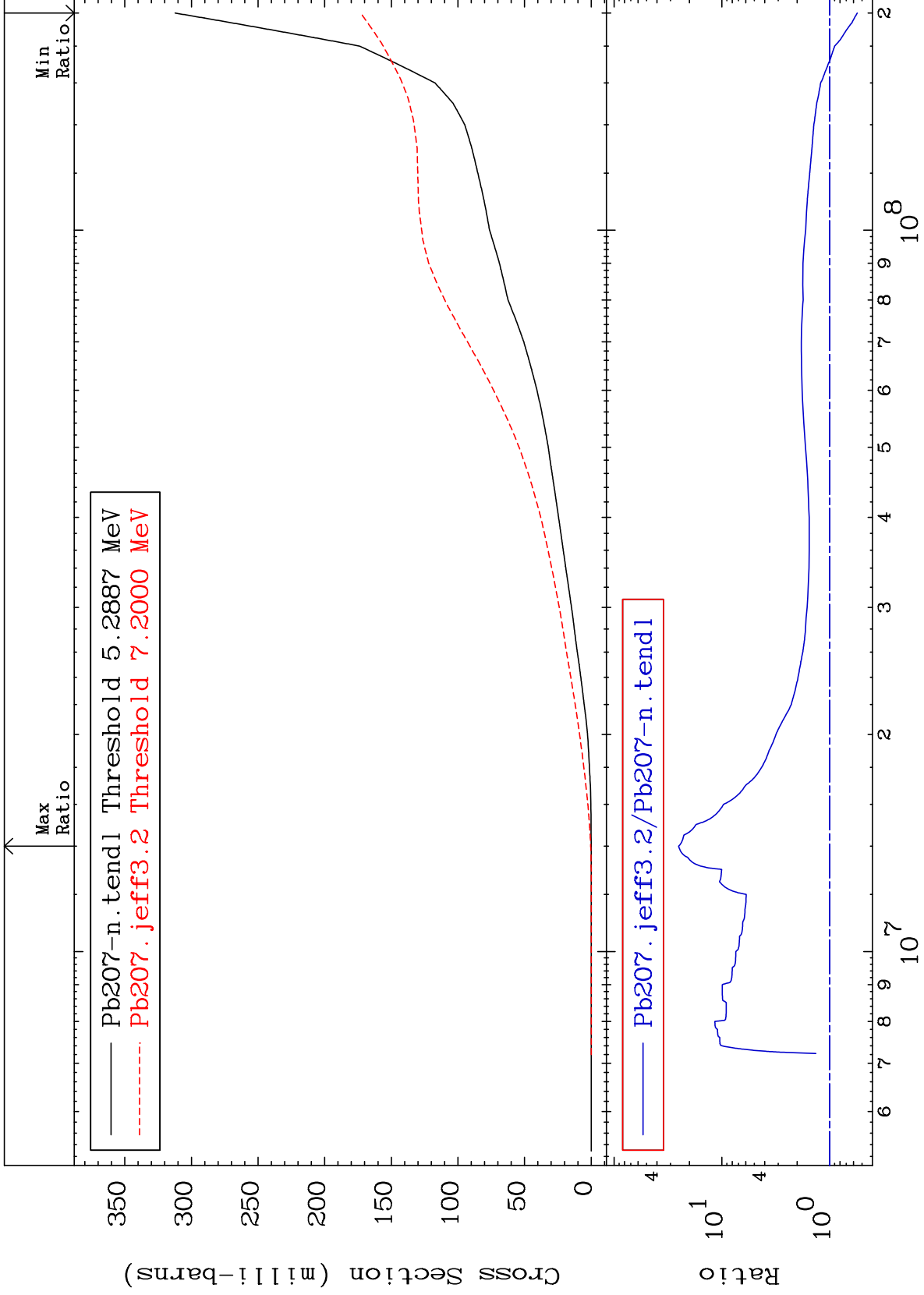
82-Pb-207



MAT 8234

Deuterium Production  
Cross Section

82-Pb-207  
-44.60 To 2418. %



40

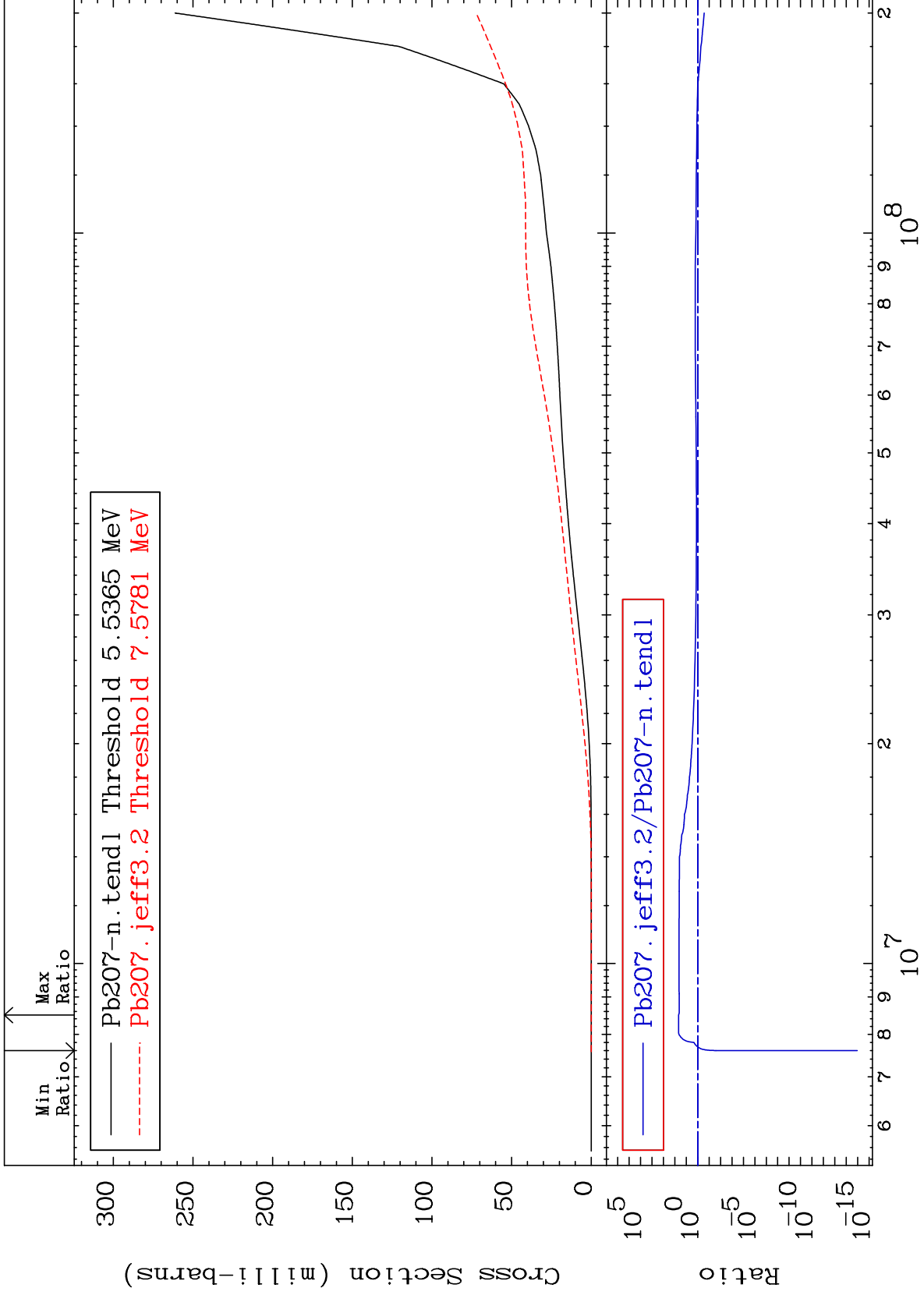
82-Pb-207



MAT 8234

Tritium Production  
Cross Section

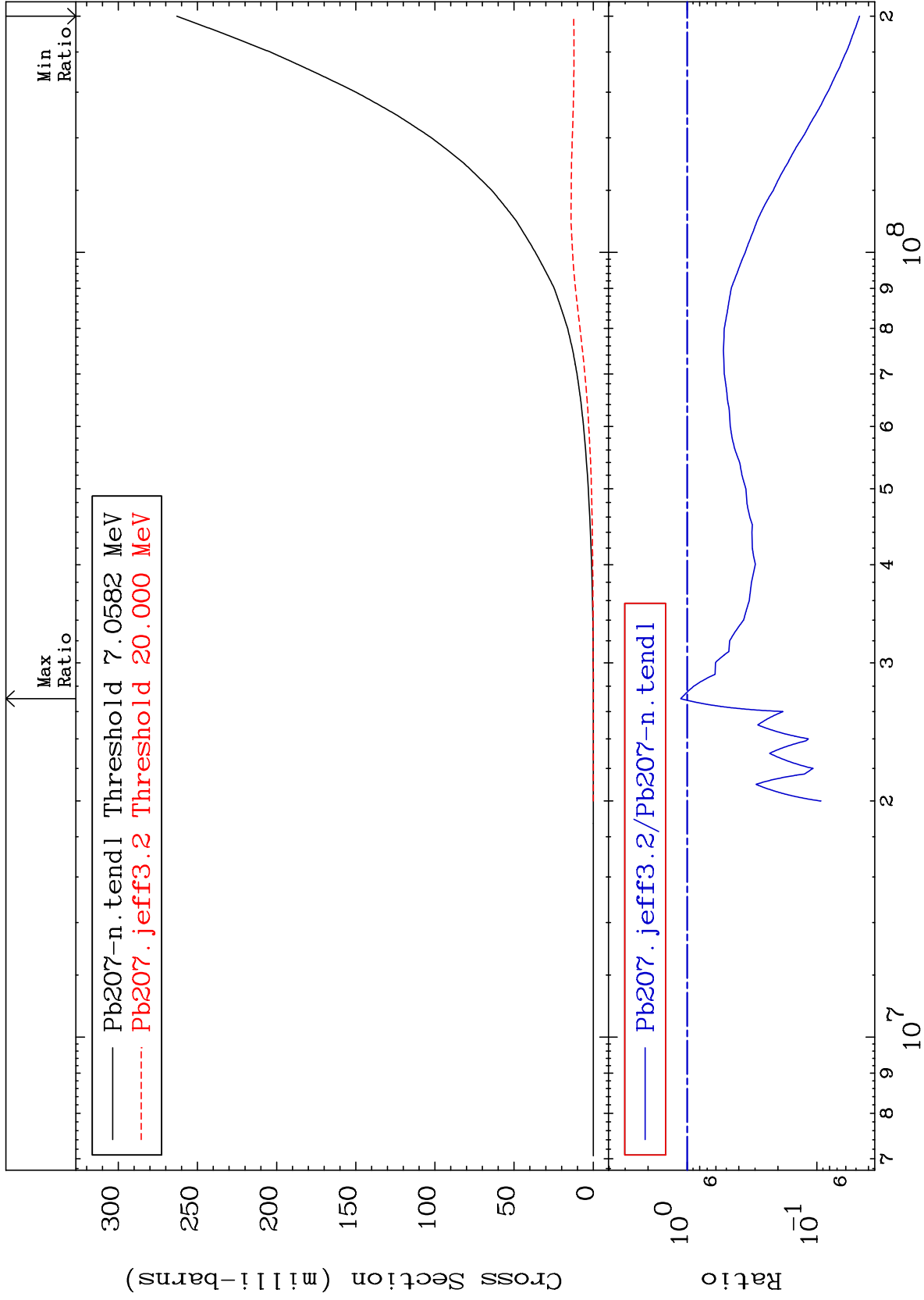
82-Pb-207  
-100.0 To 4549. %



MAT 8234

He-3 Production  
Cross Section

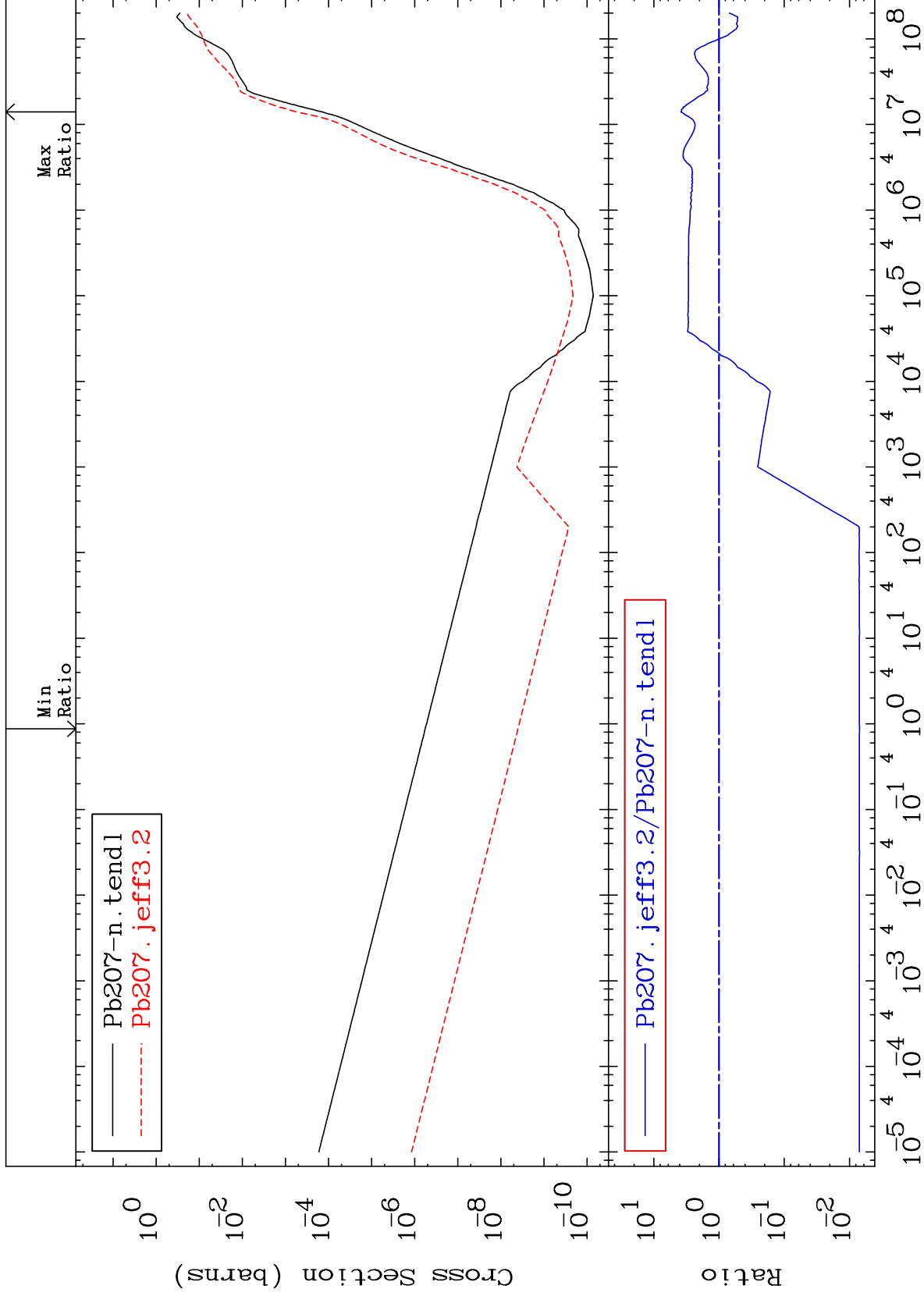
82-Pb-207  
-95.31 To 12.01 %



MAT 8234

He-4 Production  
Cross Section

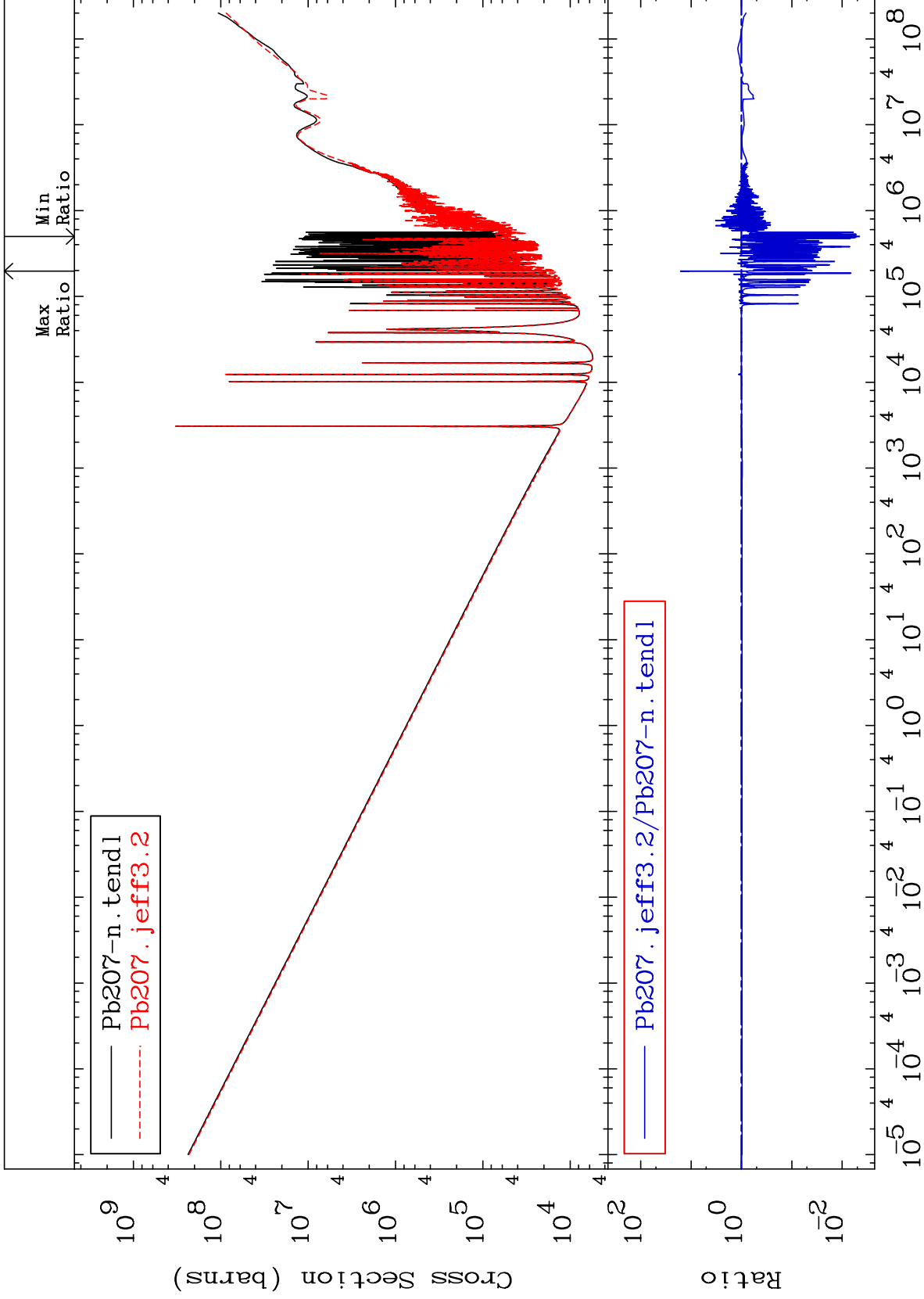
82-Pb-207  
-99.30 To 285.6 %



43

Incident Energy (eV)

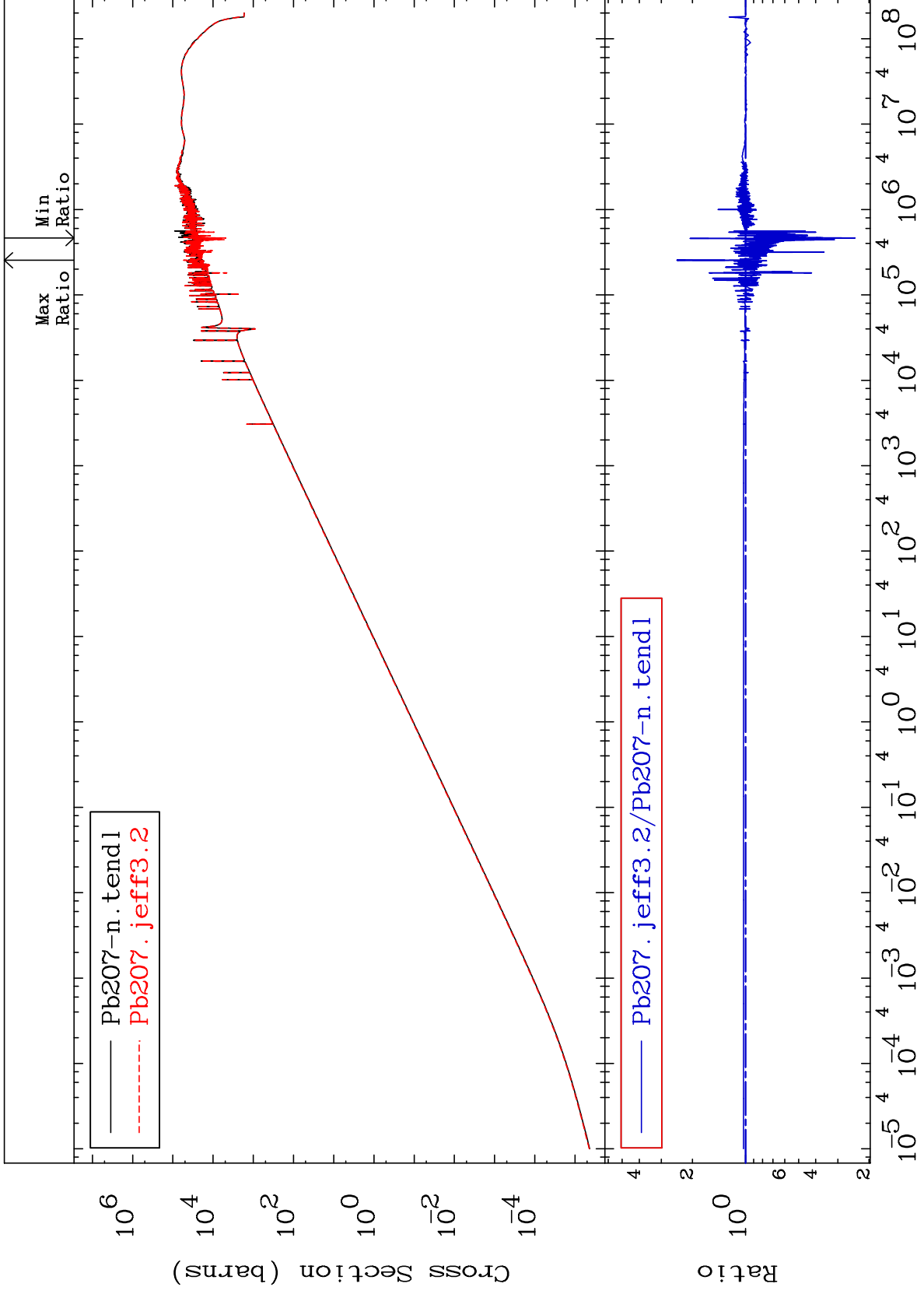
82-Pb-207



MAT 8234

Kerma elastic  
Cross Section

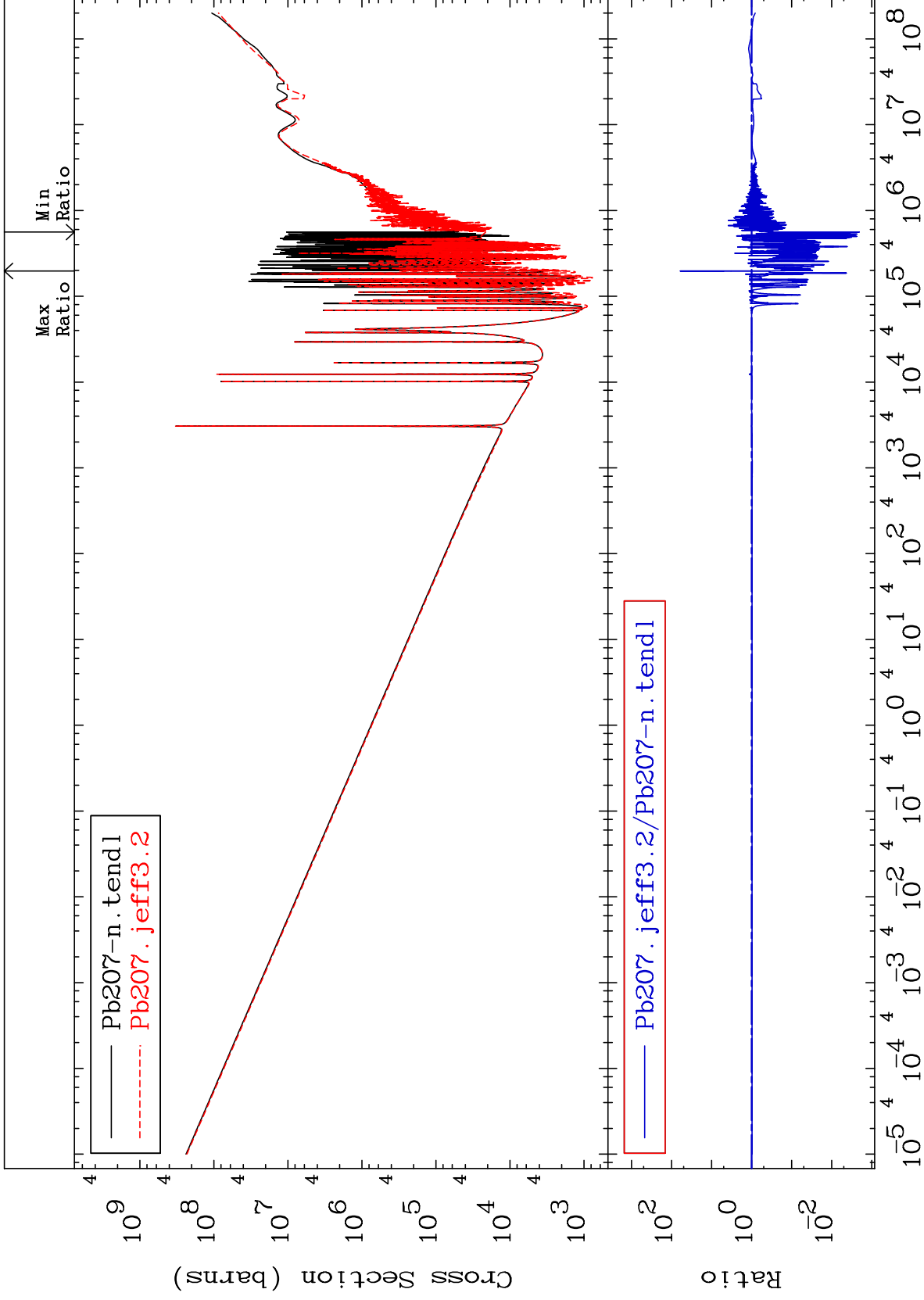
82-Pb-207  
-76.05 To 144.7 %



45

Incident Energy (eV)

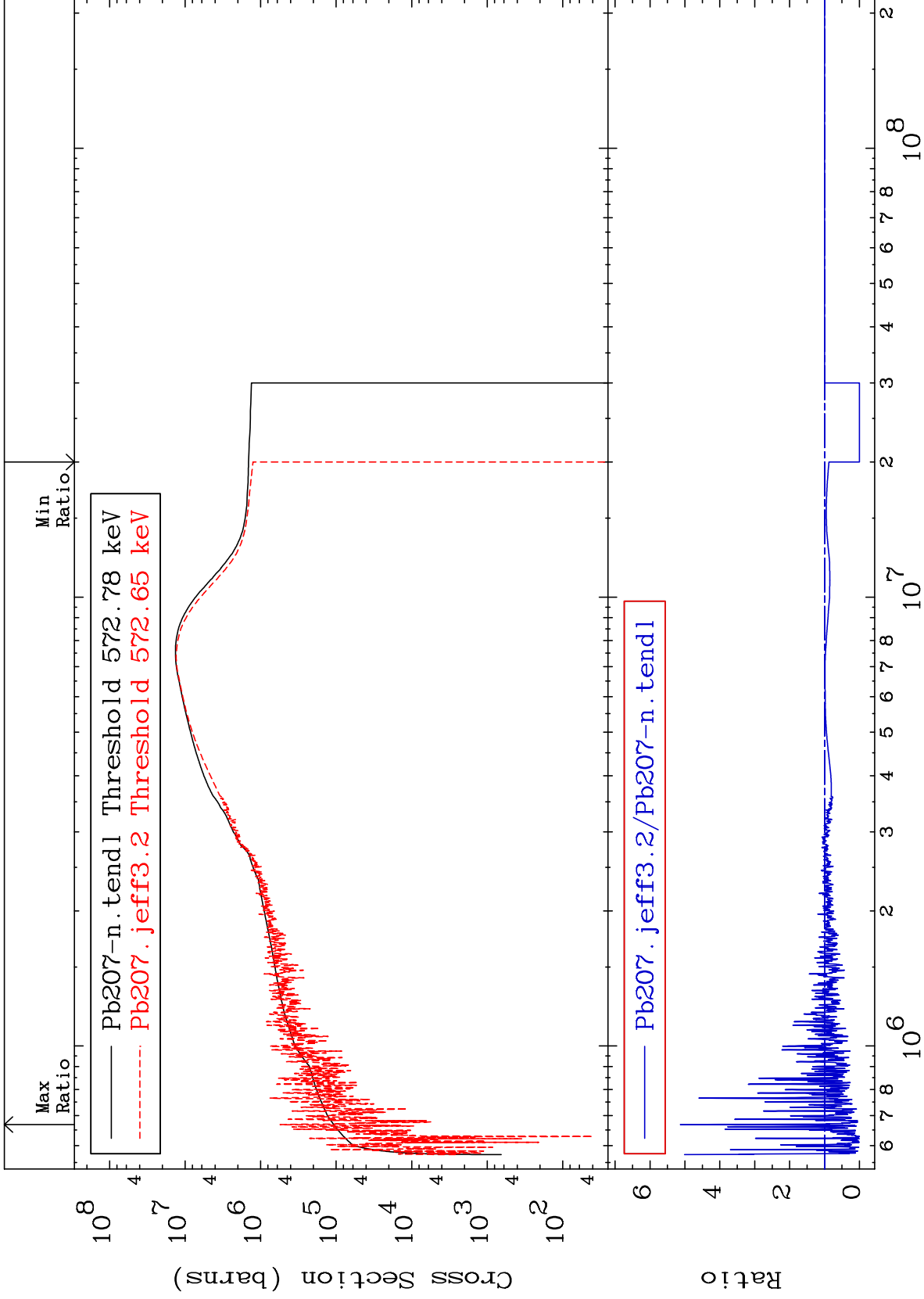
82-Pb-207



MAT 8234

Kerma inelastic (mt51-91)  
Cross Section

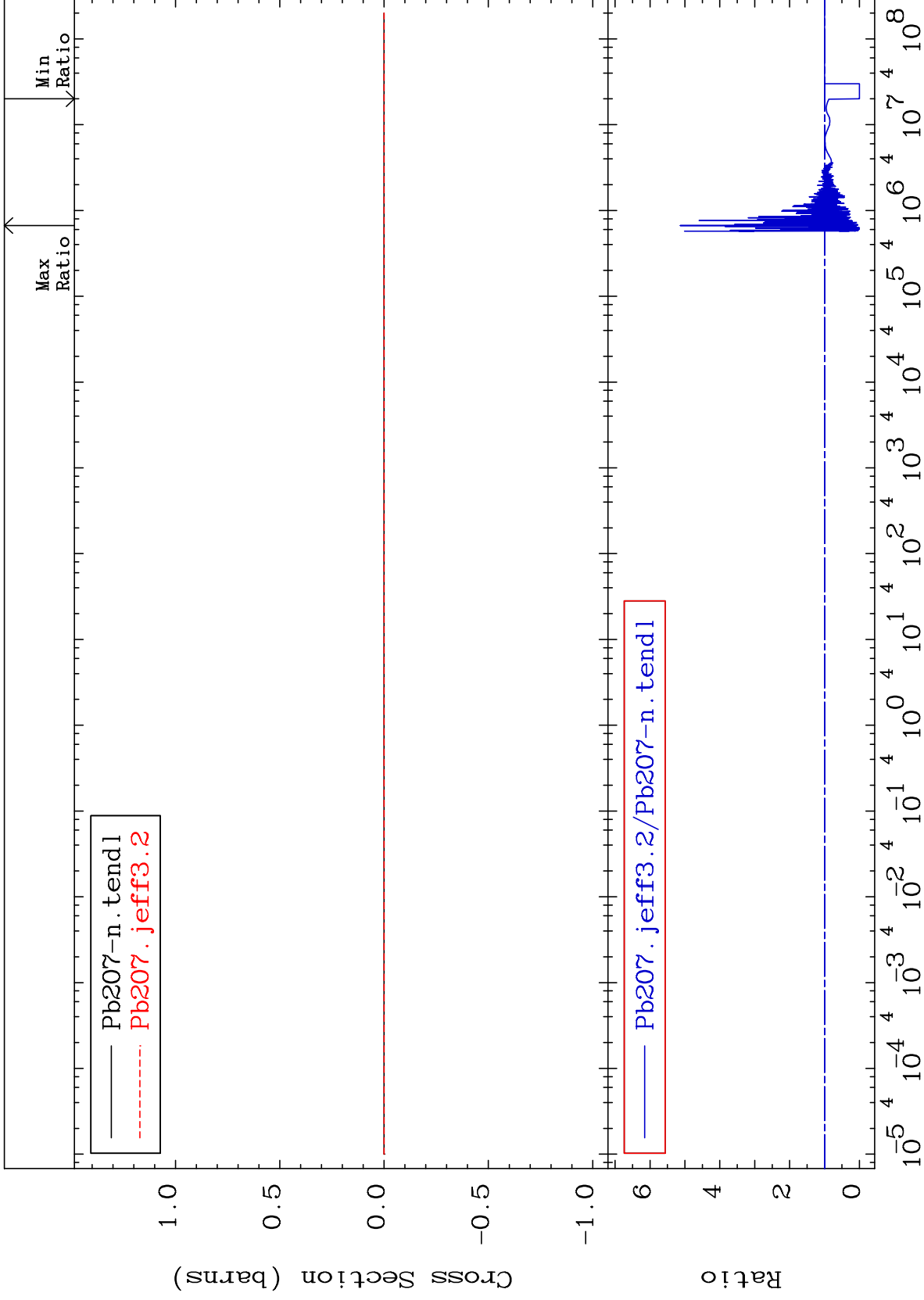
82-Pb-207  
-100.0 To 413.0 %



MAT 8234

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

82-Pb-207  
-100.0 To 413.0 %

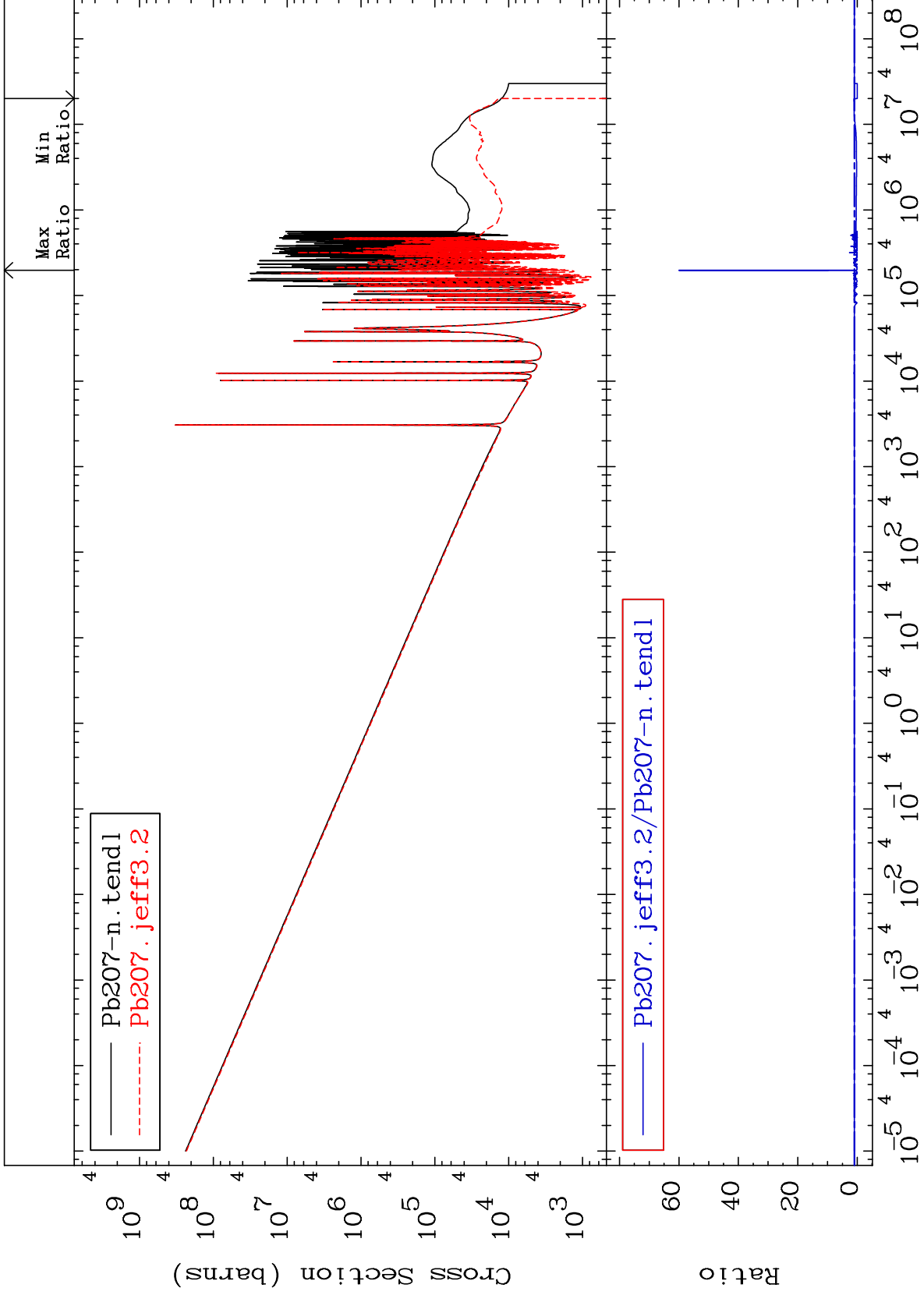




MAT 8234

Kerma capture (mt102)  
Cross Section

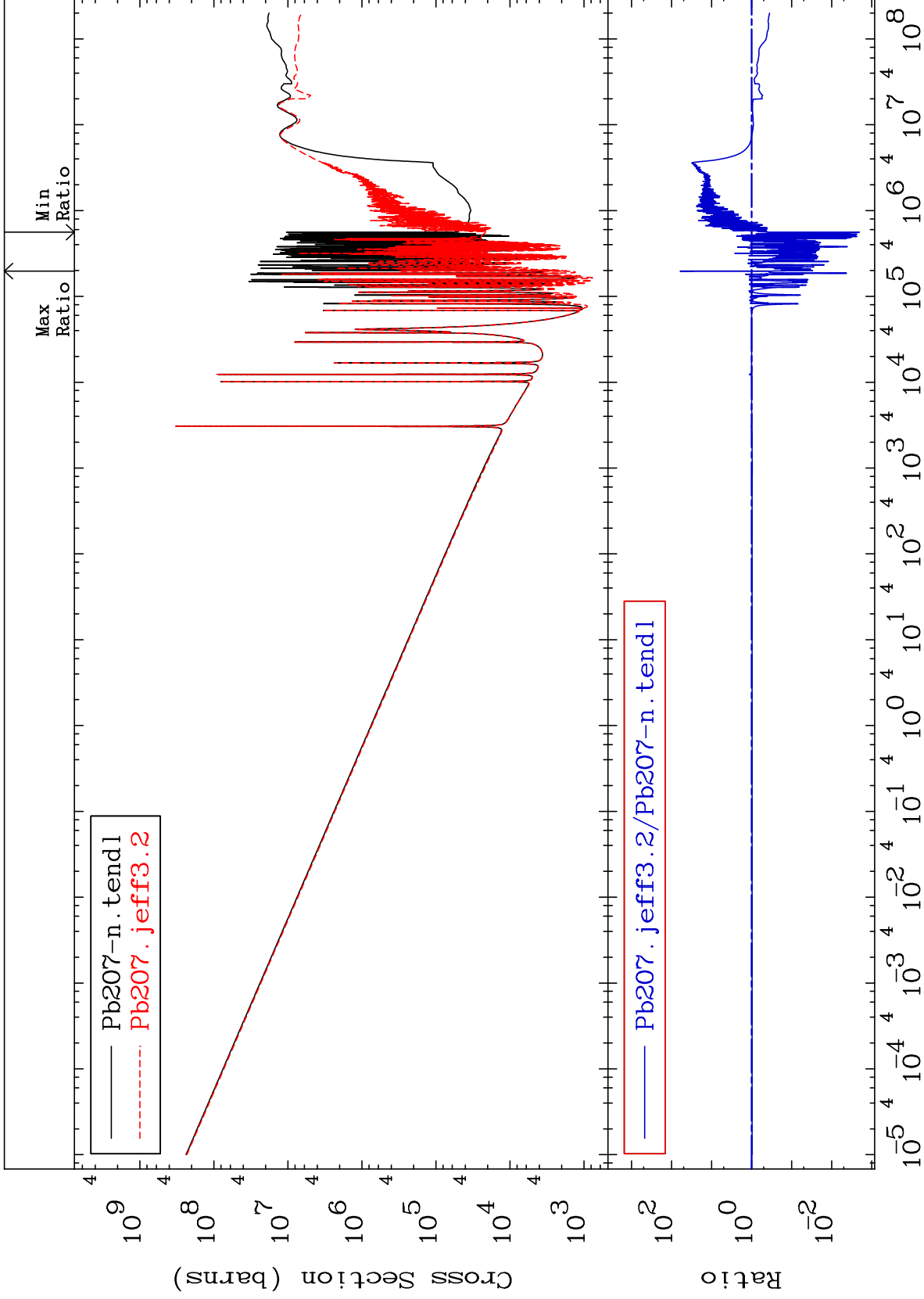
82-Pb-207  
-100.0 To 5910. %

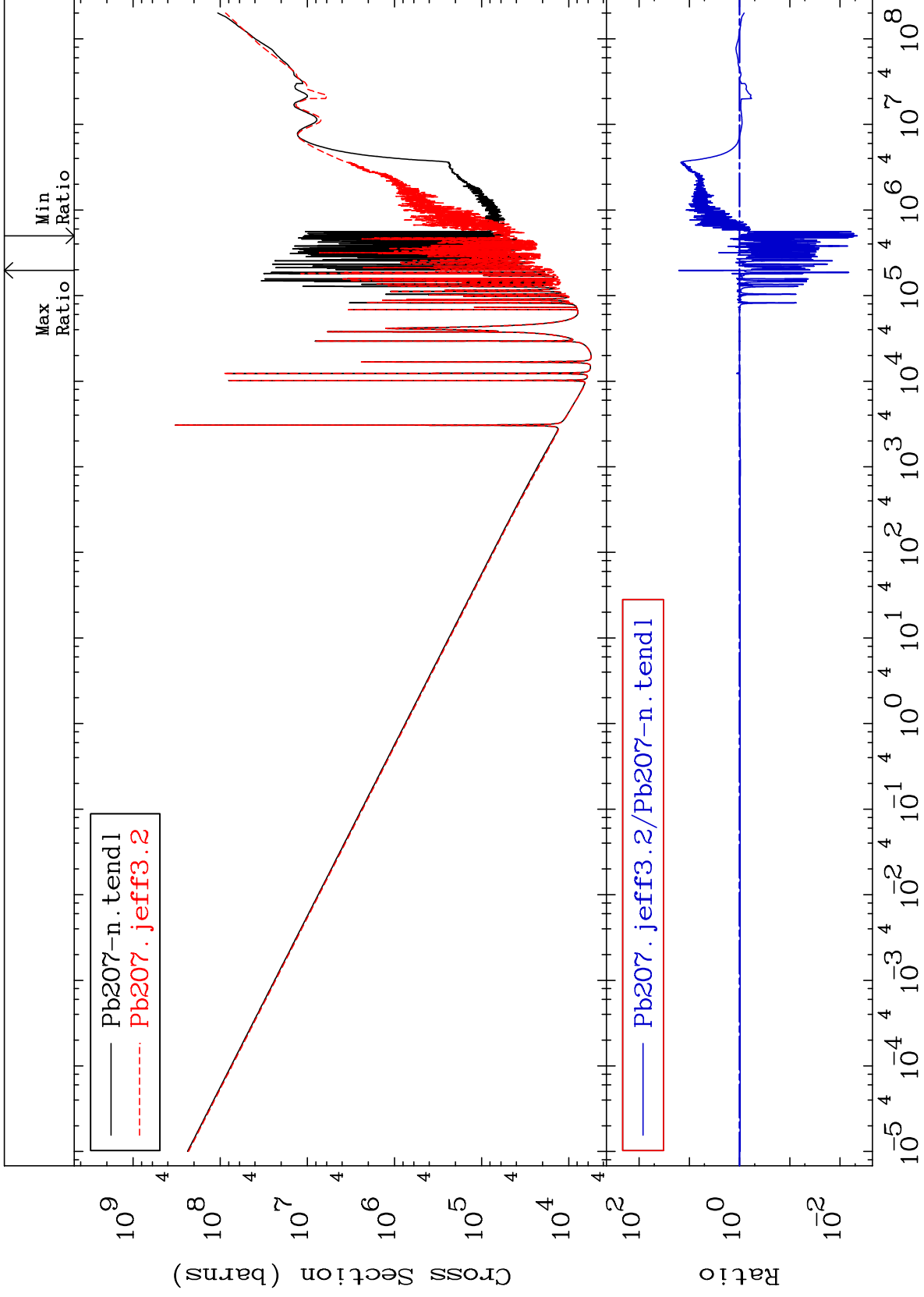


MAT 8234

Total photon (eV-barns)  
Cross Section

82-Pb-207  
-99.80 To 5910. %

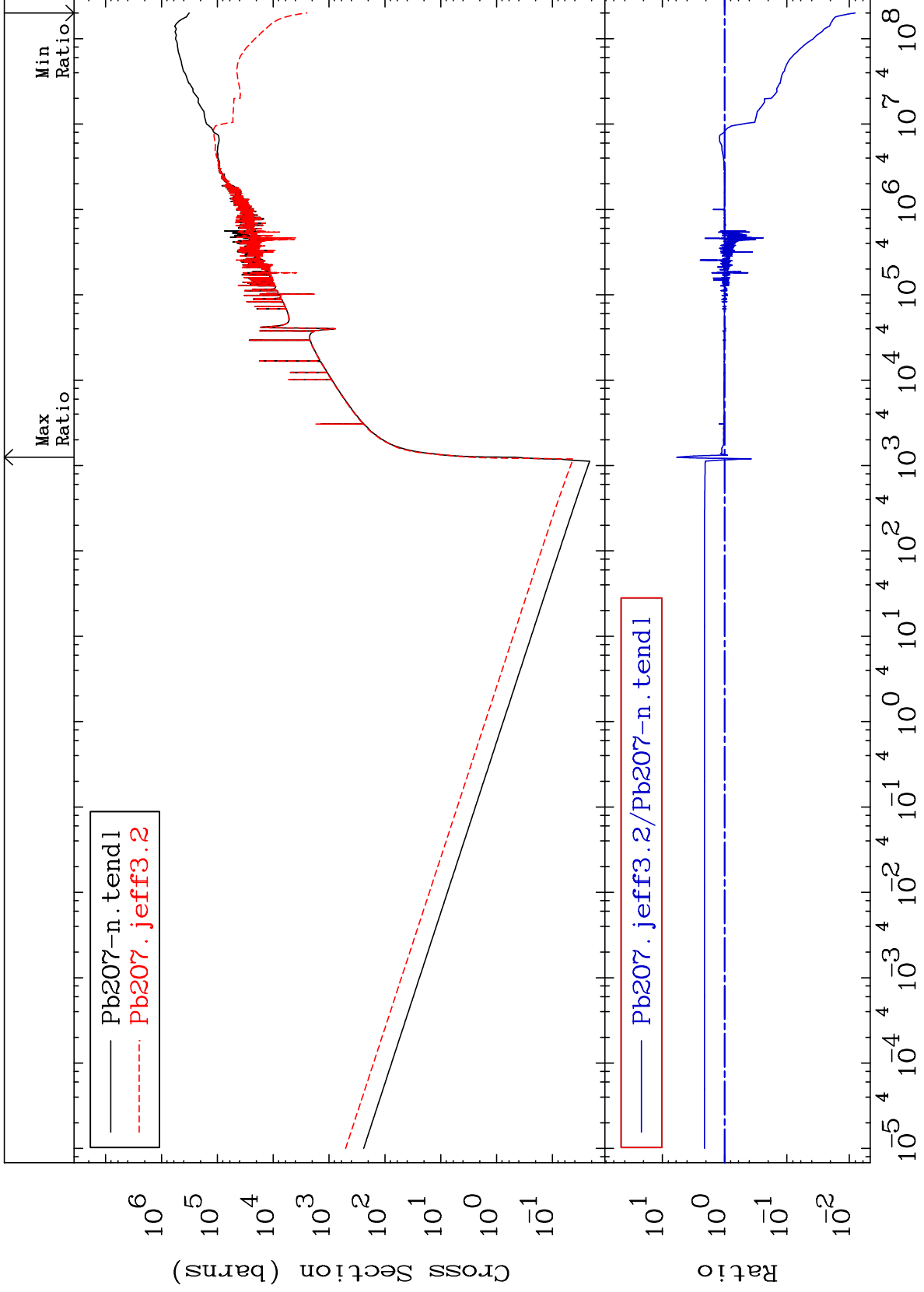


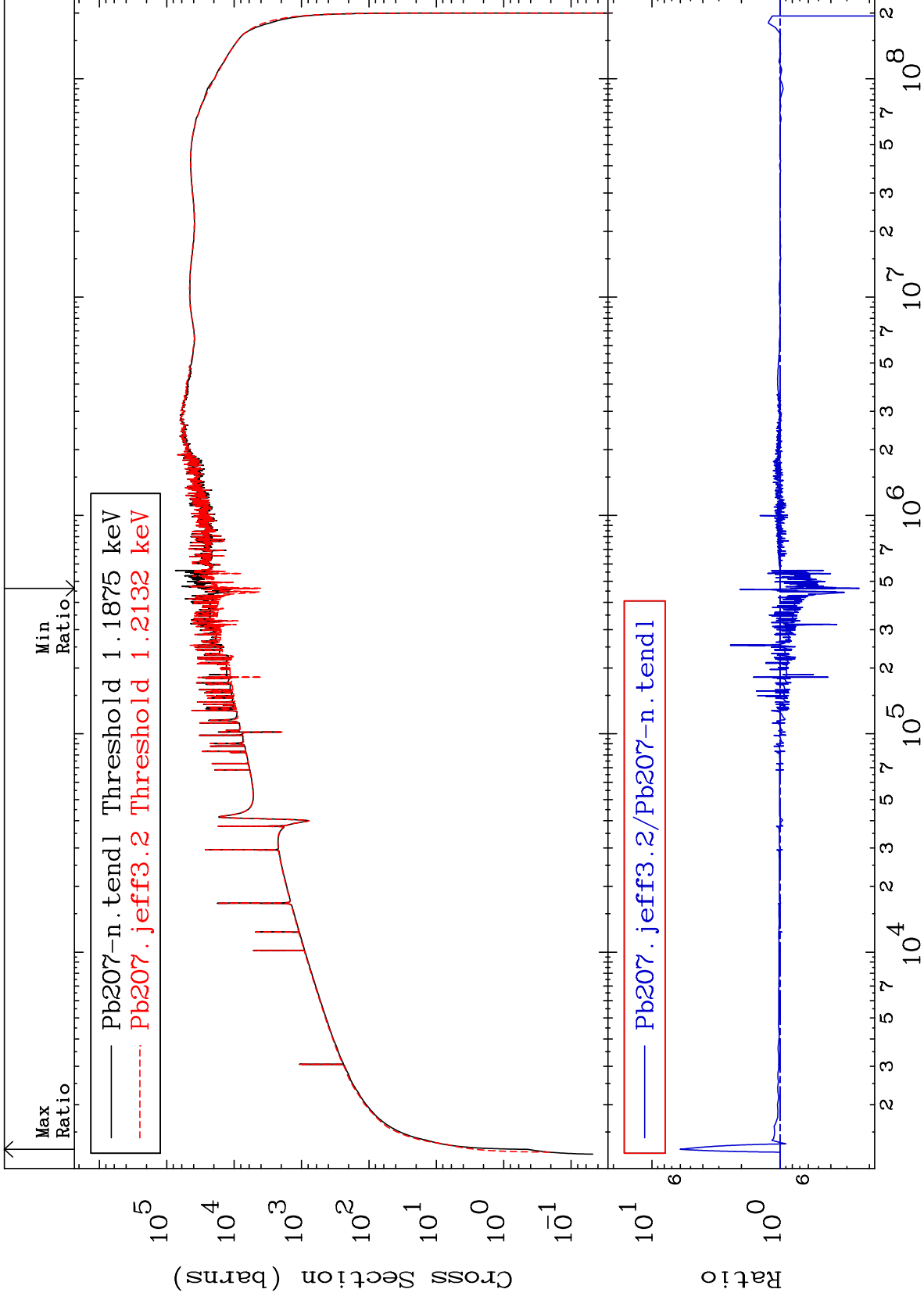


MAT 8234

Dpa total (eV-barns)  
Cross Section

82-Pb-207  
-99.20 To 481.9 %

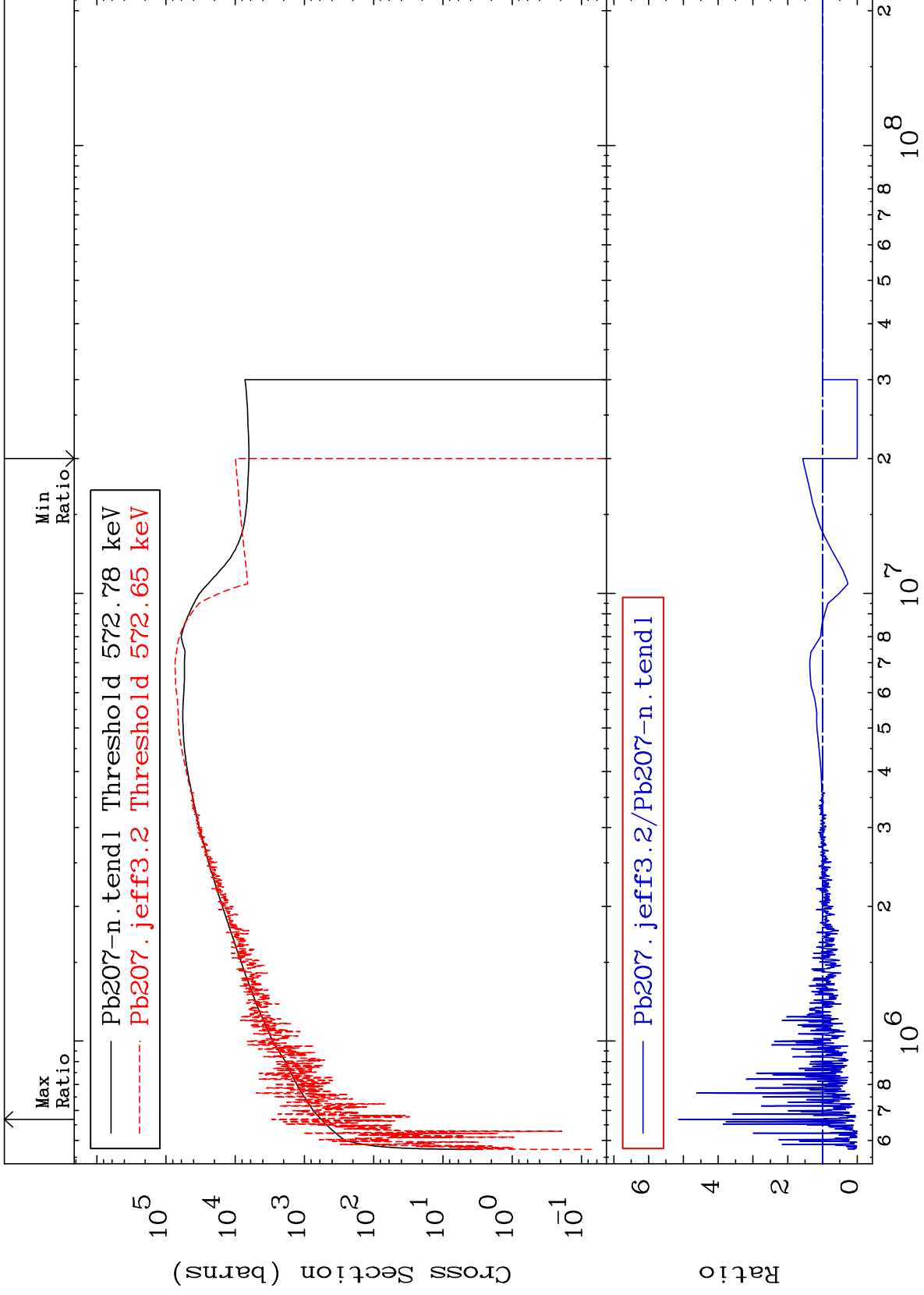




MAT 8234

Dpa inelastic (mt51-91)  
Cross Section

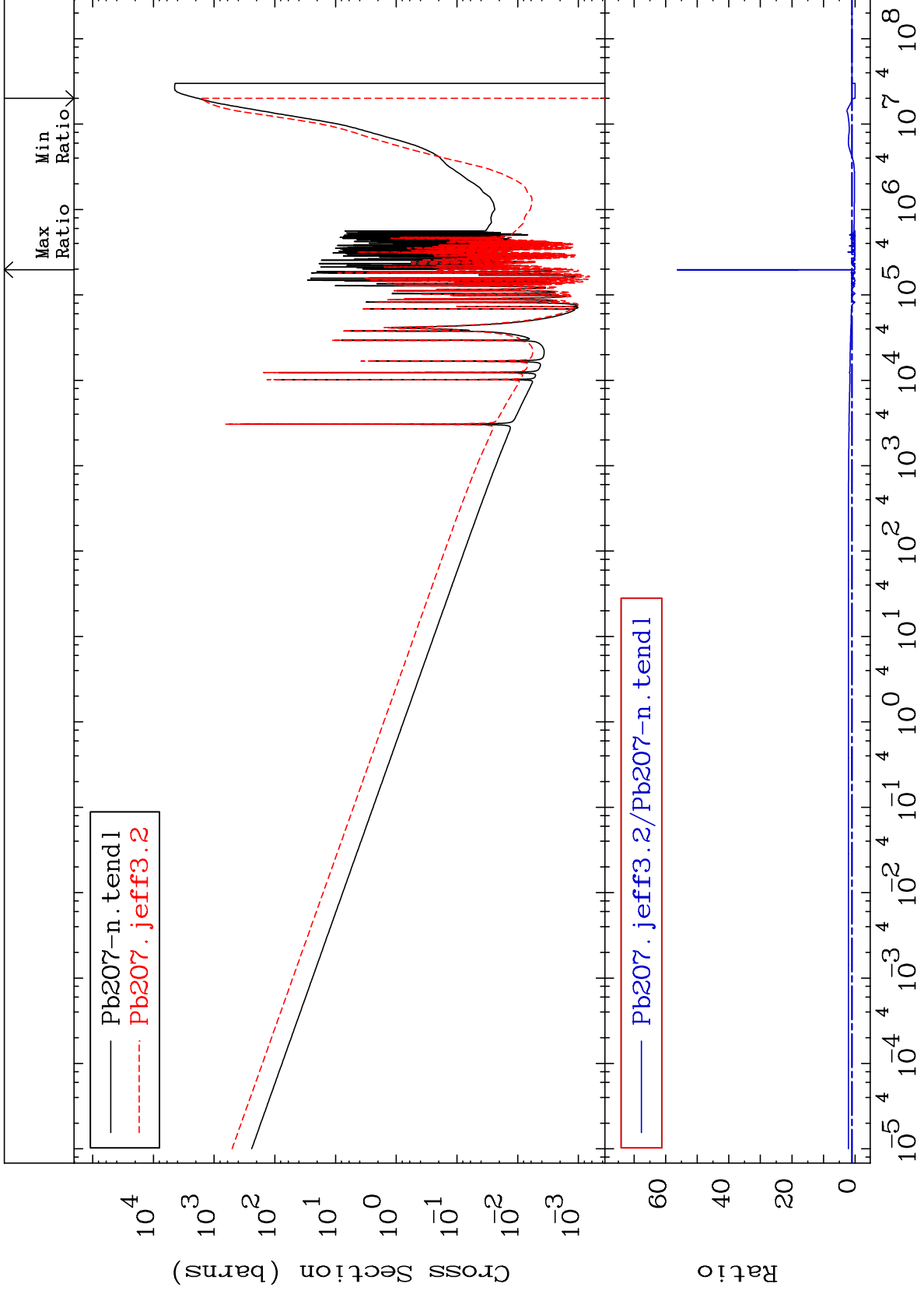
82-Pb-207  
-100.0 To 413.6 %



MAT 8234

Dpa disappearance (mt102 -120)  
Cross Section

82-Pb-207  
-100.0 To 5543. %



Incident Energy (eV)

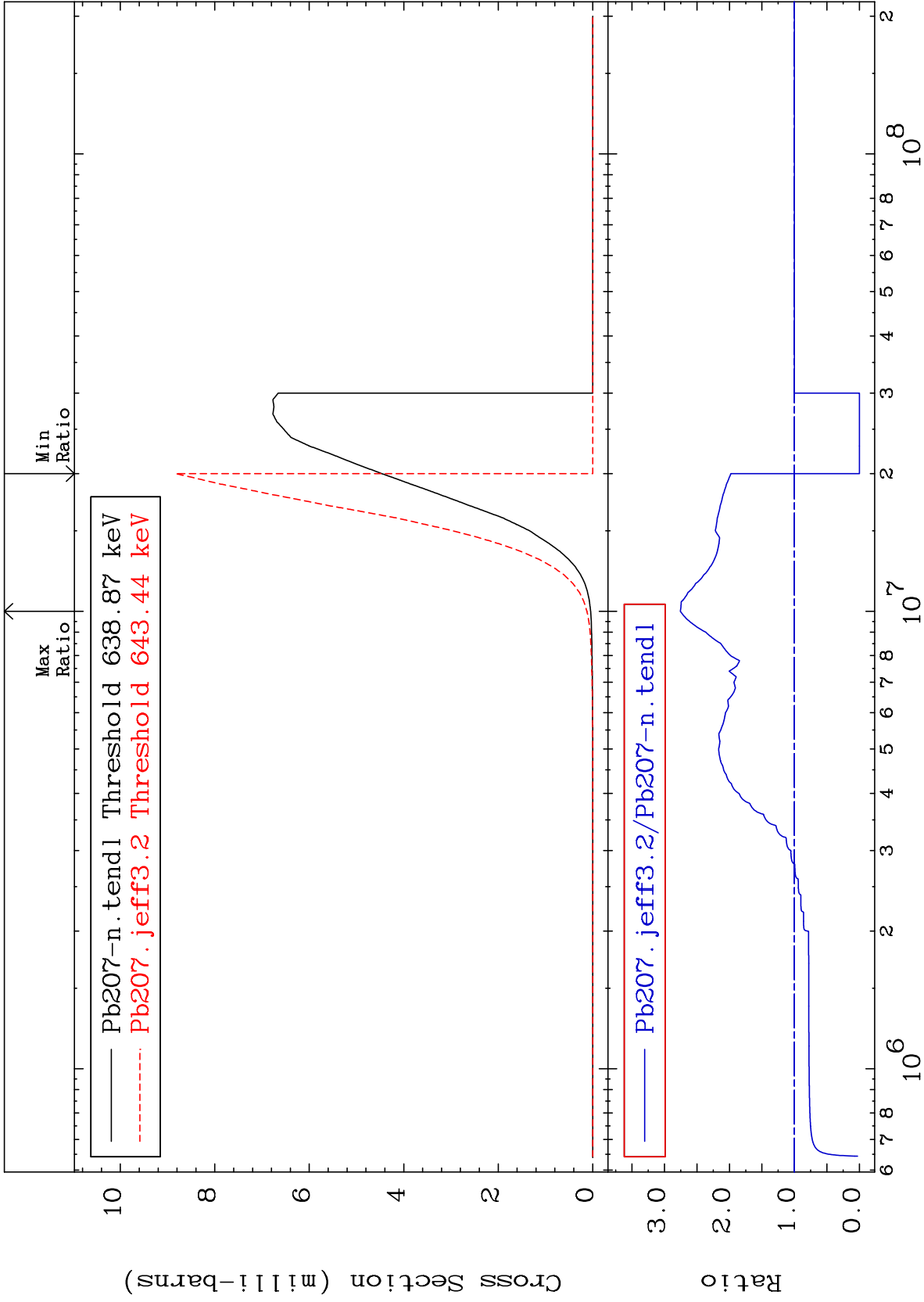
82-Pb-207

55

MAT 8234

(n, p) : 81-Tl - 207g  
Radionuclide Production Cross Section -100.0 To 175.5 %

82-Pb-207



56

Incident Energy (eV)

82-Pb-207

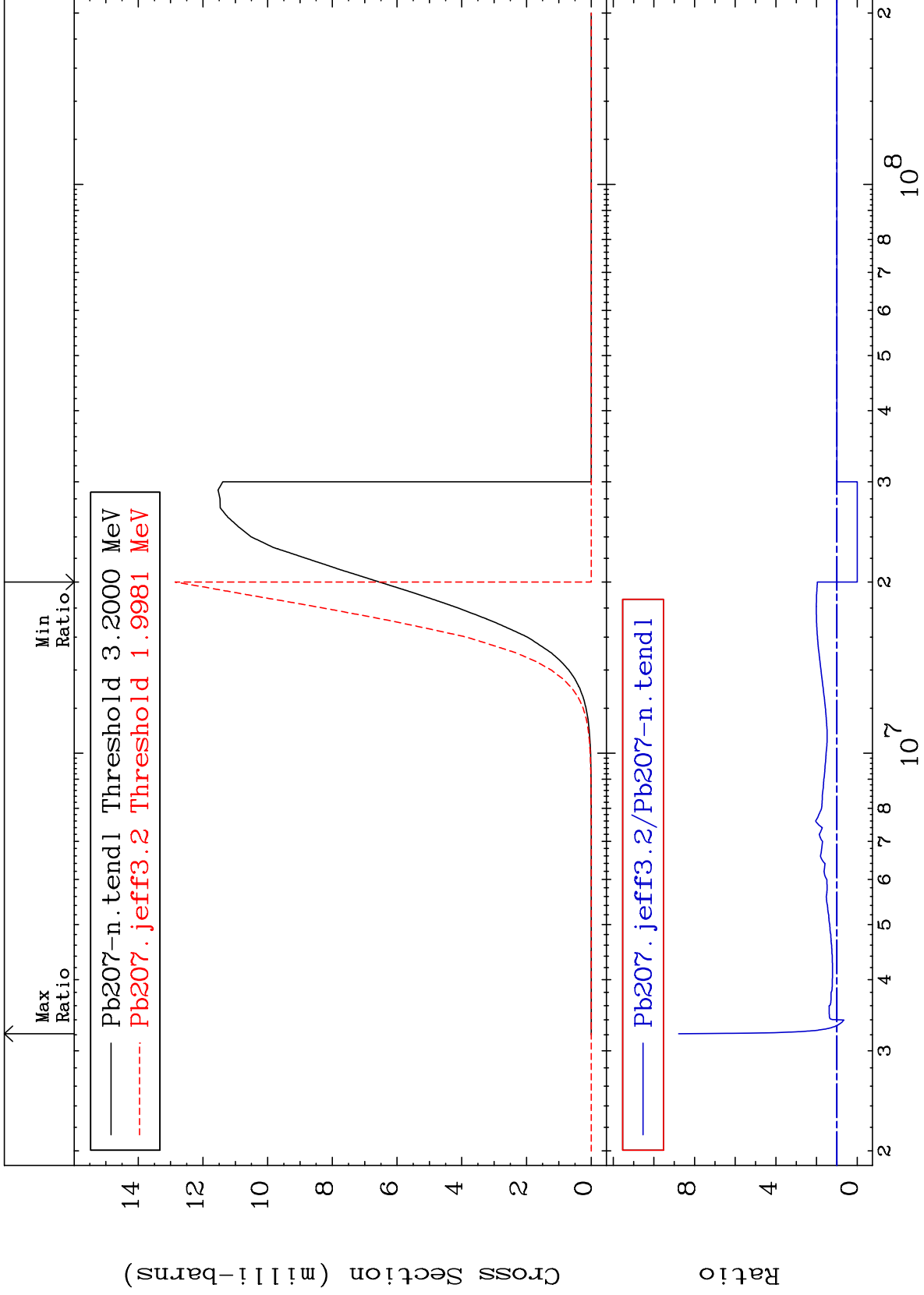


MAT 8234

(n, p):81-Tl-207m2

82-Pb-207

Radionuclide Production Cross Section -100.0 To 778.4 %



57

Incident Energy (eV)

82-Pb-207