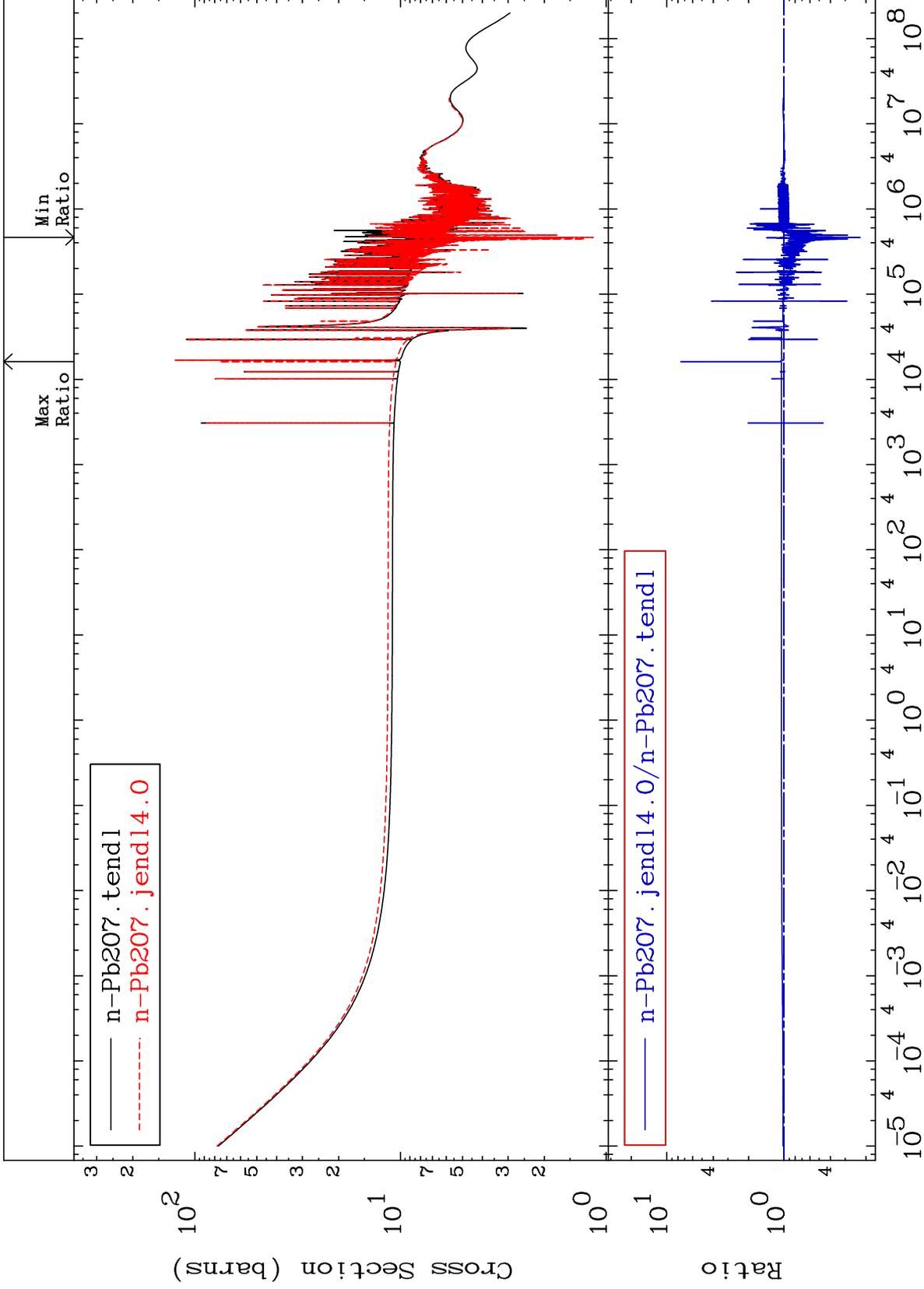


MAT 8234

Total
Cross Section

82-Pb-207
-77.61 To 657.6 %



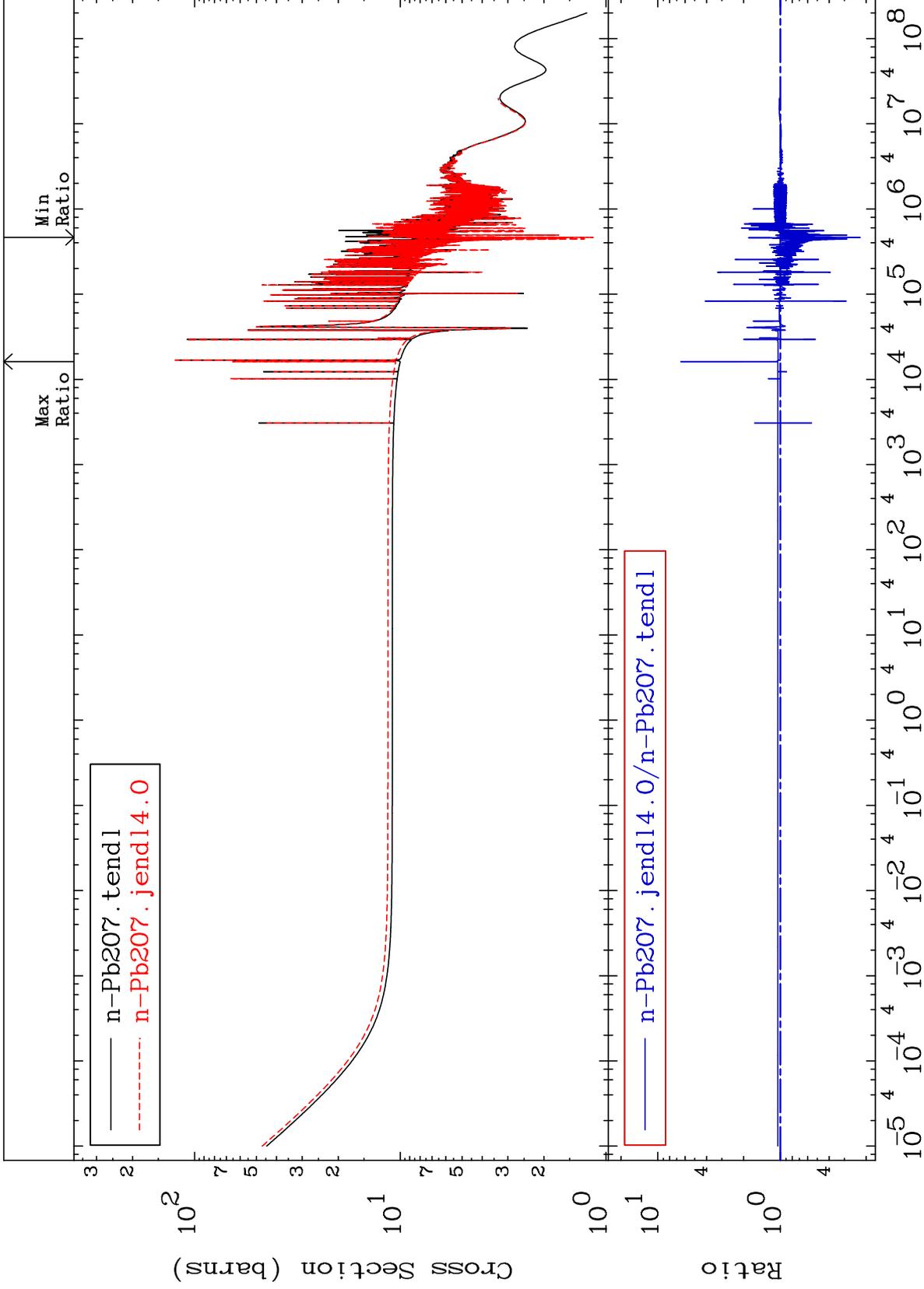
Incident Energy (eV)

82-Pb-207

MAT 8234

Elastic
Cross Section

82-Pb-207
-77.62 To 550.2 %



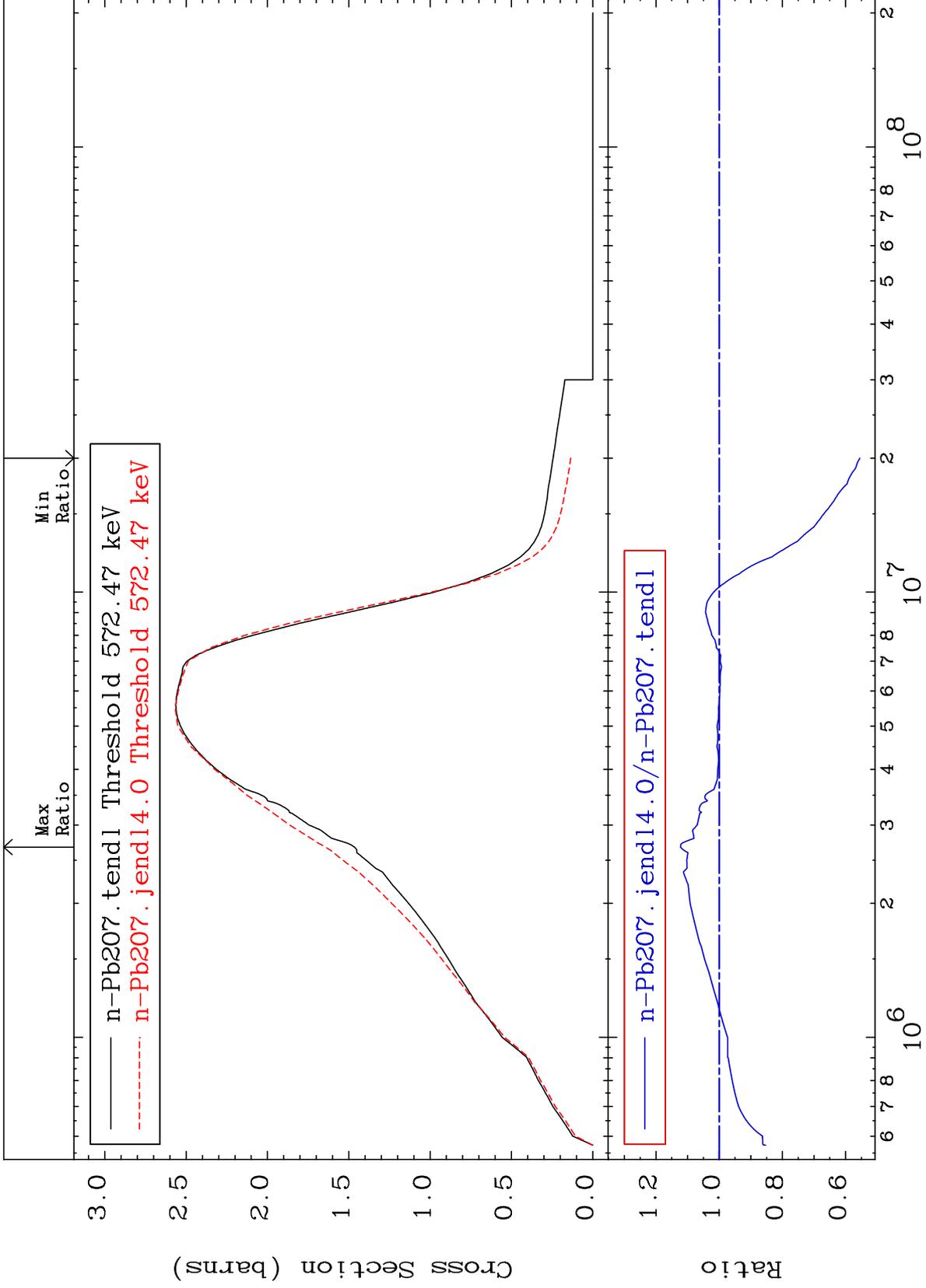
Incident Energy (eV)

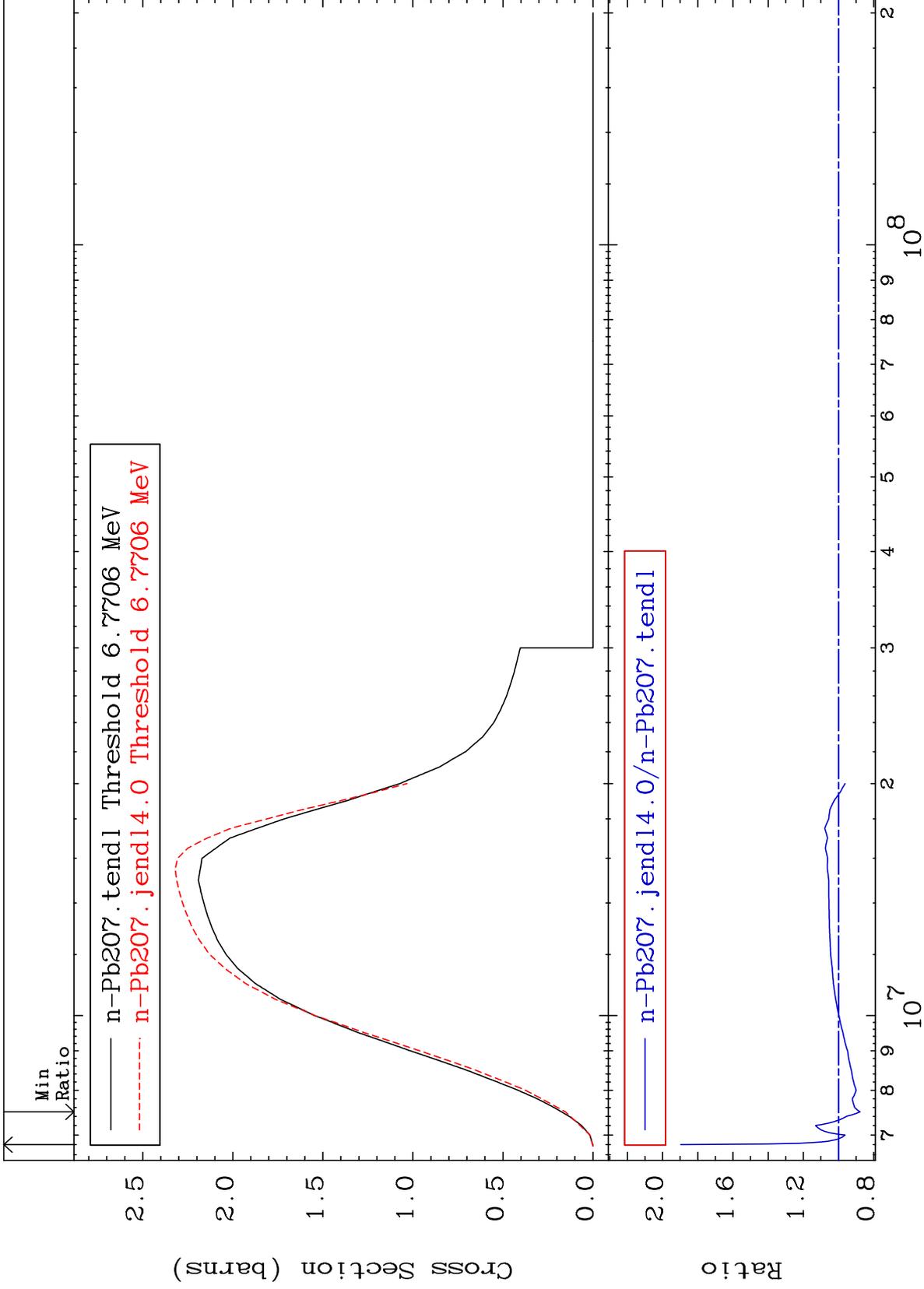
82-Pb-207

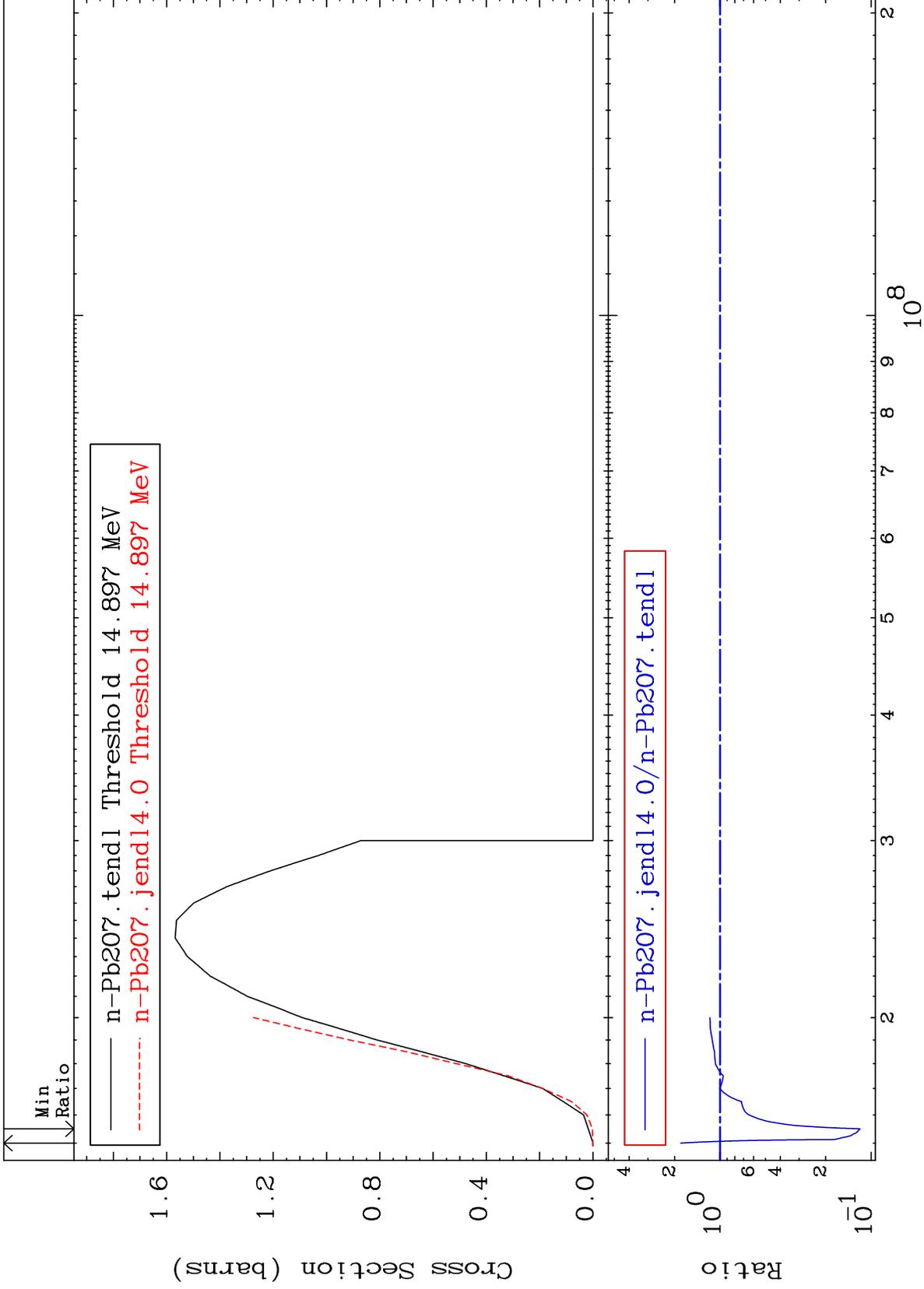
MAT 8234

Inelastic
Cross Section

82-Pb-207
-44.48 To 12.23 %







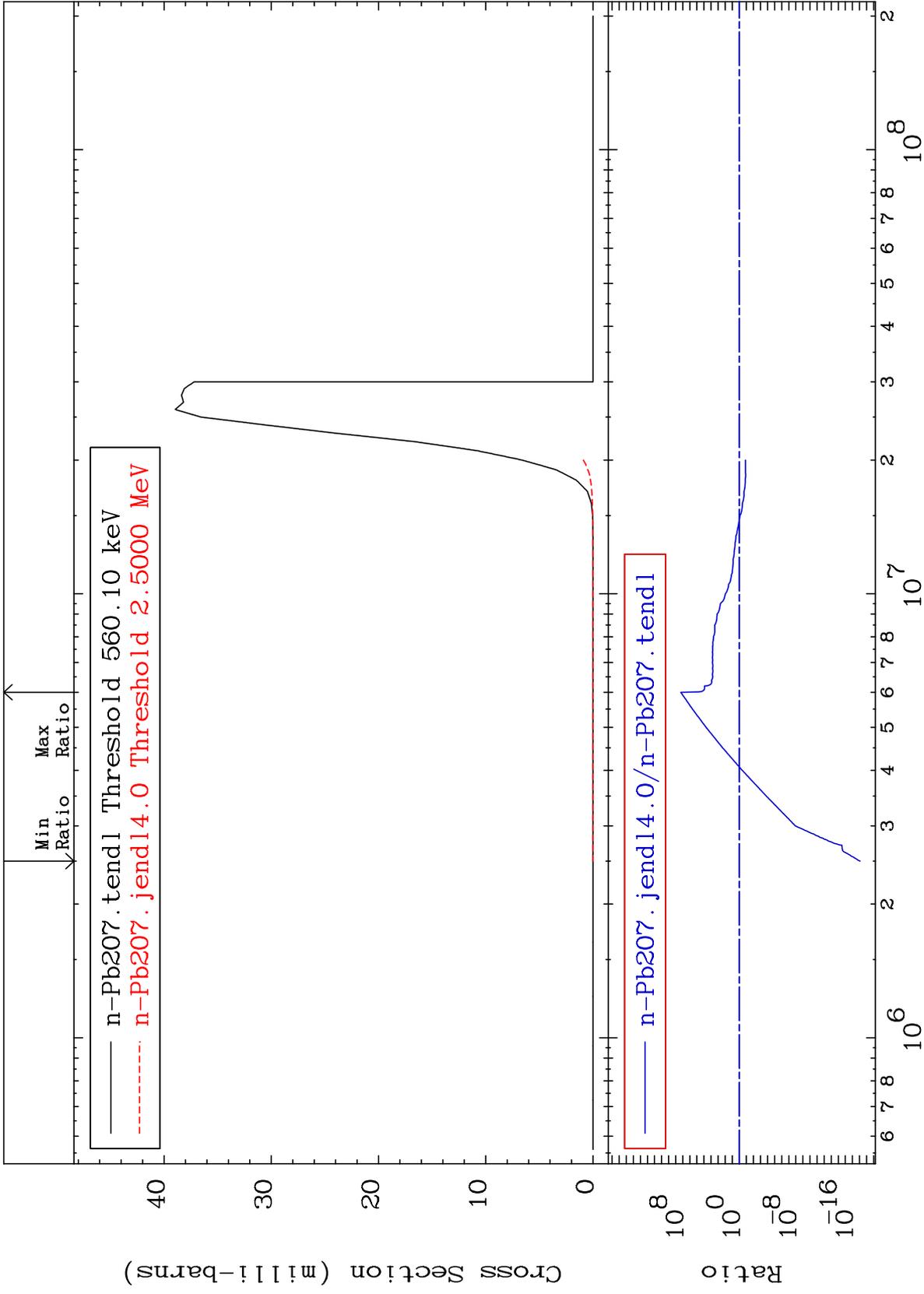
MAT 8234

(n,n') α

82-Pb-207

Cross Section

-100.0 To 9999. %



6

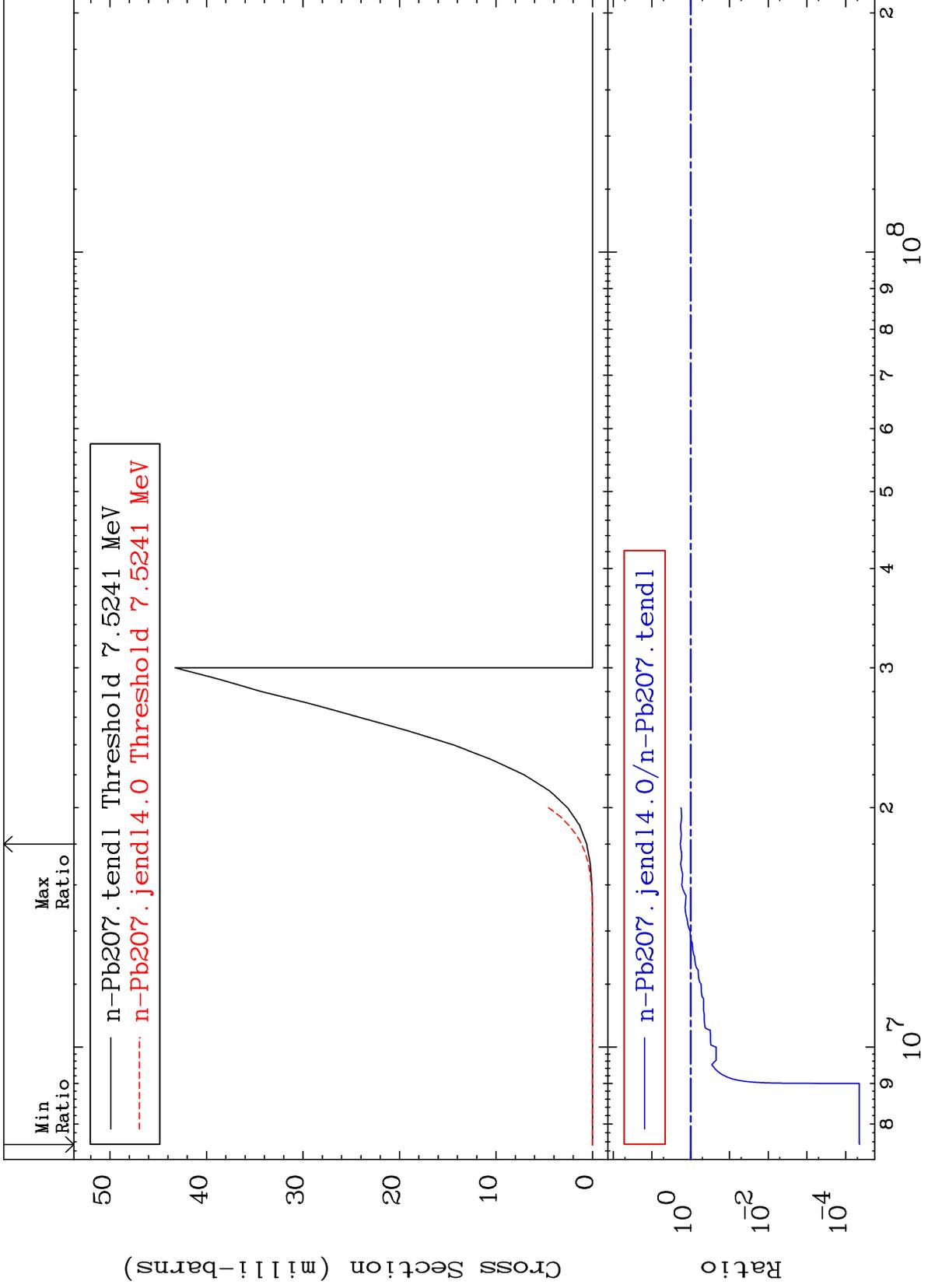
Incident Energy (eV)

82-Pb-207

MAT 8234

(n,n') p
Cross Section

82-Pb-207
-100.0 To 85.55 %



7

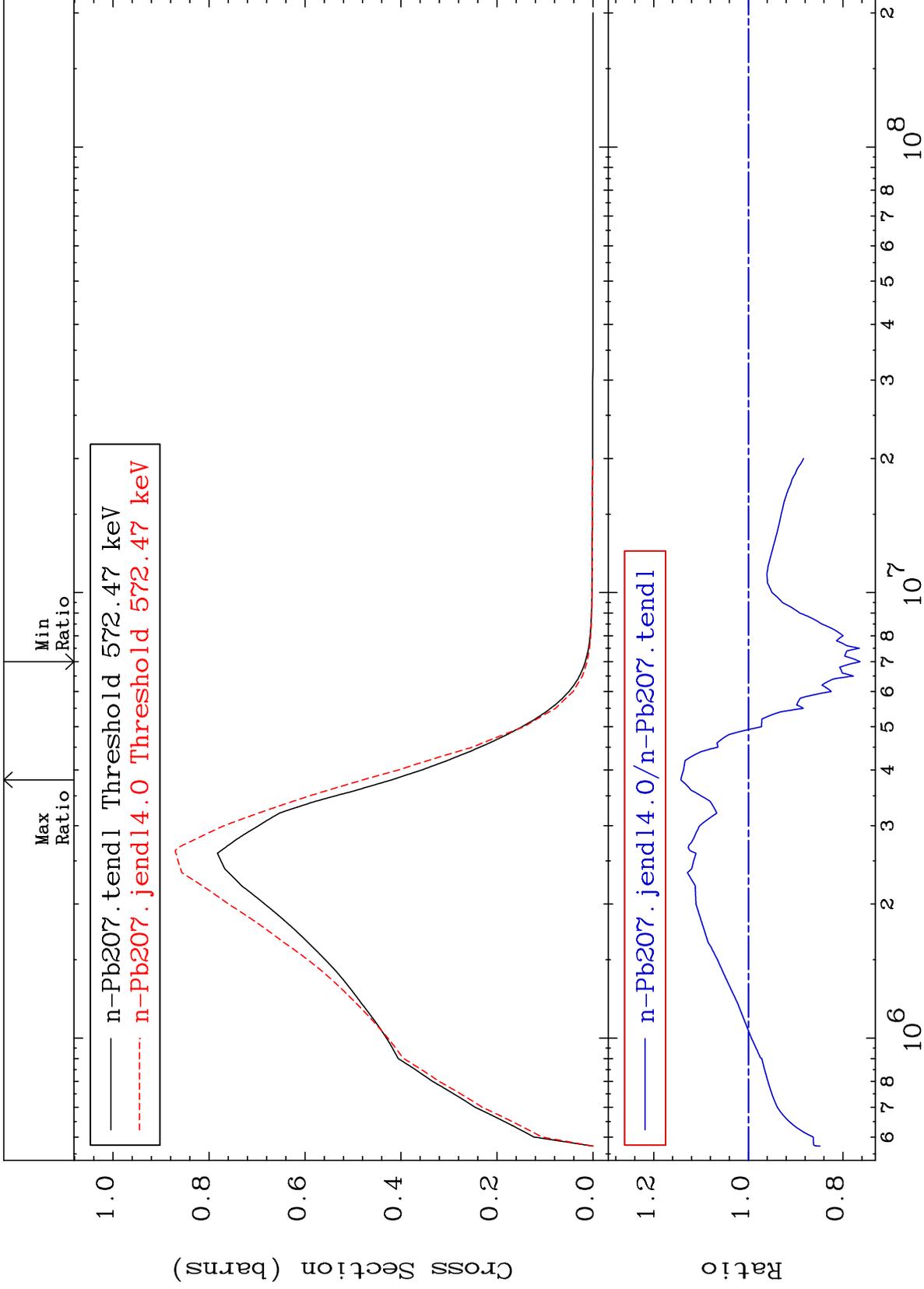
82-Pb-207

82-Pb-207

MAT 8234

MT= 51 (n,n') Level
Cross Section

82-Pb-207
-23.62 To 14.28 %



8

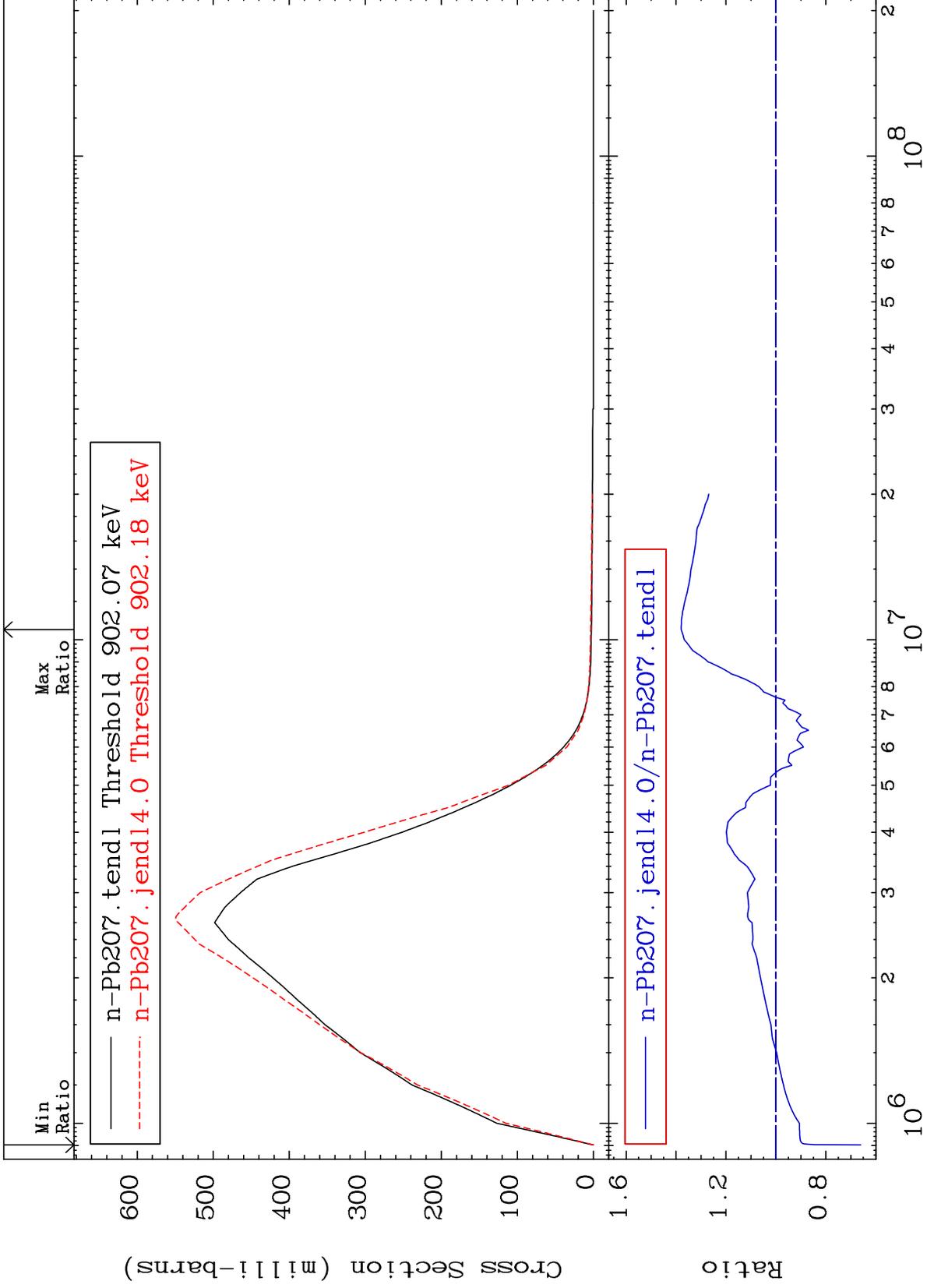
Incident Energy (eV)

82-Pb-207

MAT 8234

MT= 52 (n,n') Level
Cross Section

82-Pb-207
-33.96 To 37.93 %



9

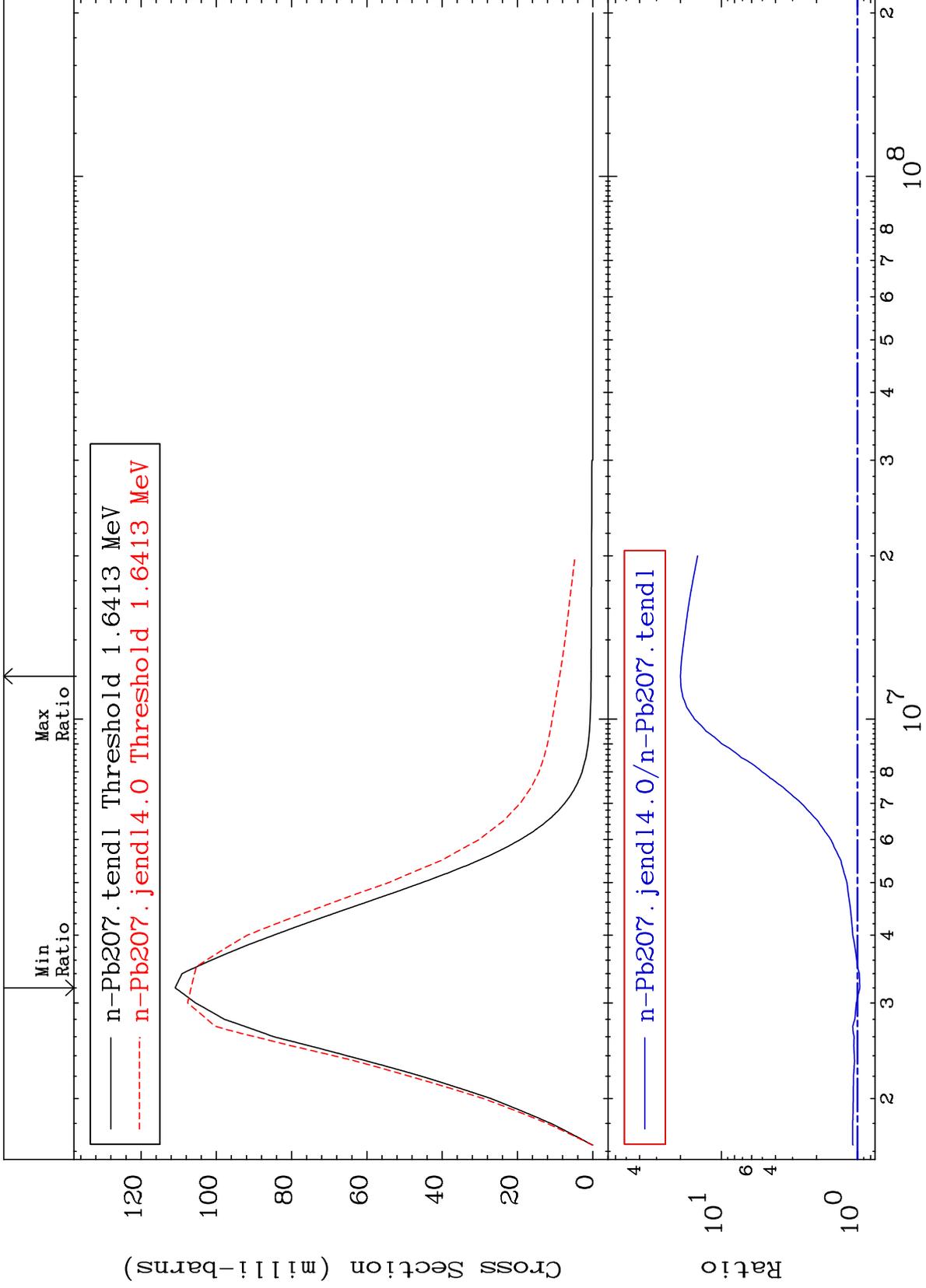
82-Pb-207

82-Pb-207

MAT 8234

MT= 53 (n,n') Level
Cross Section

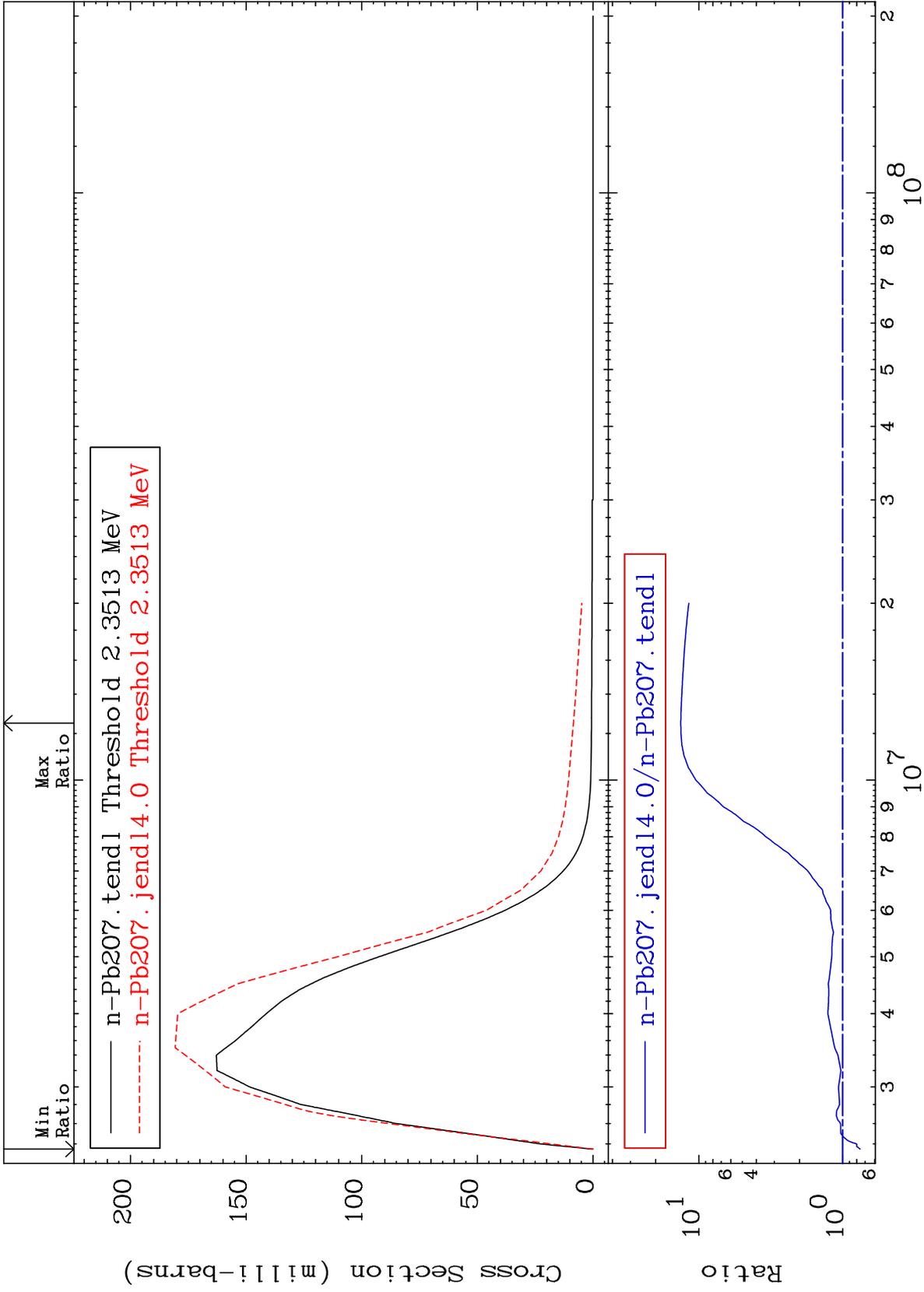
82-Pb-207
-3.831 To 1897. %



10

Incident Energy (eV)

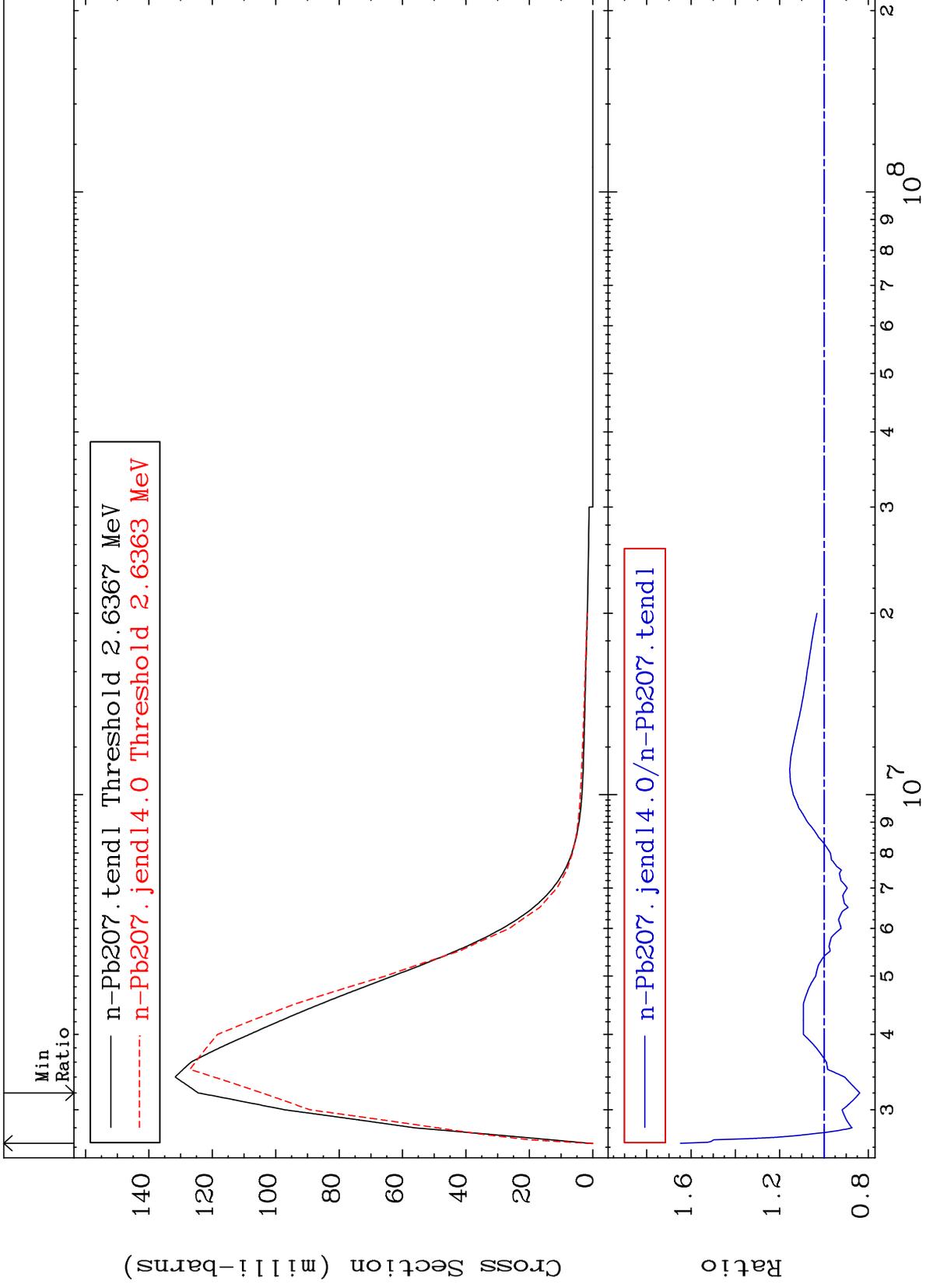
82-Pb-207



MAT 8234

MT= 55 (n,n') Level
Cross Section

82-Pb-207
-16.15 To 64.76 %



12

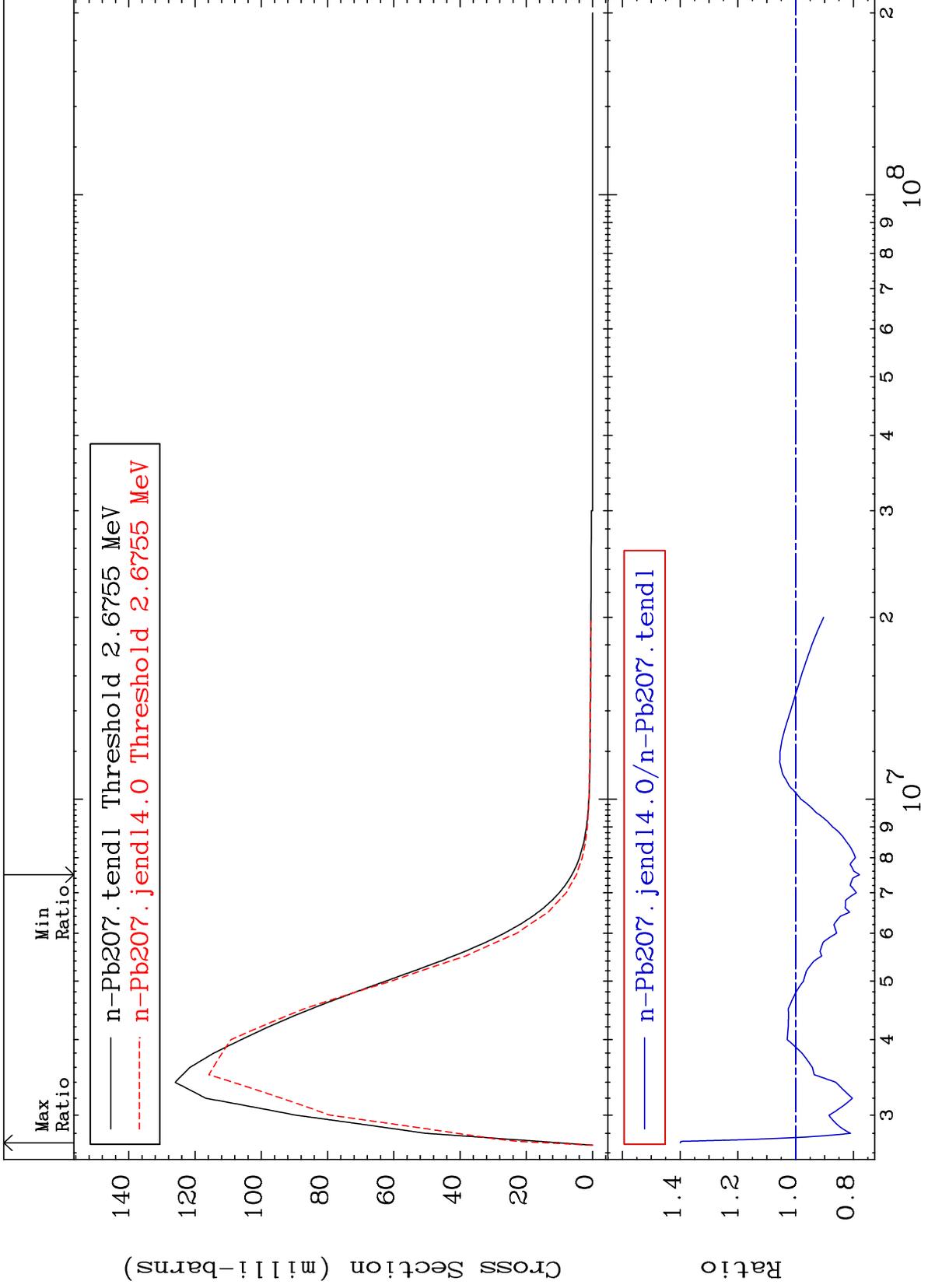
Incident Energy (eV)

82-Pb-207

MAT 8234

MT= 56 (n,n') Level
Cross Section

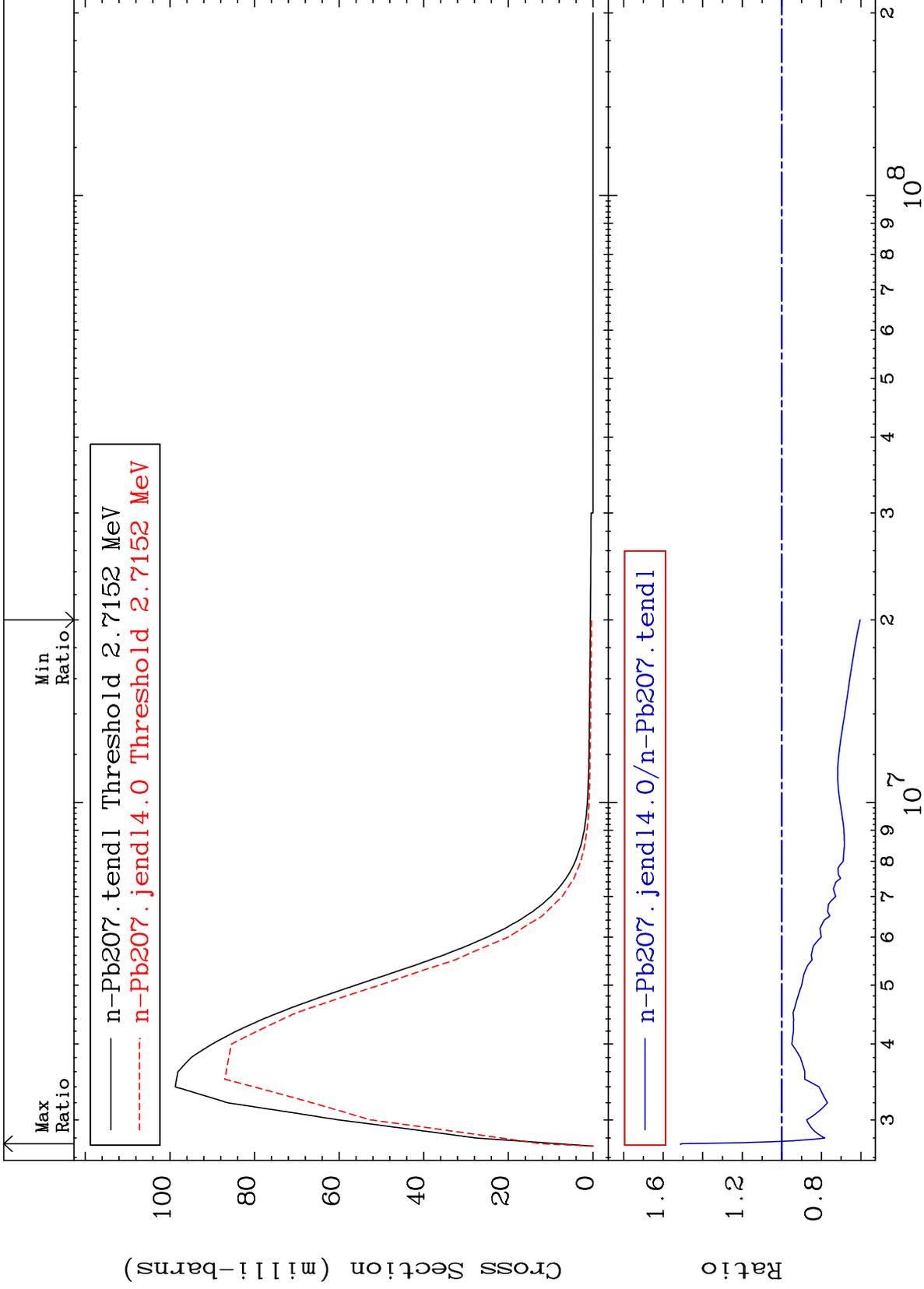
82-Pb-207
-22.09 To 39.96 %



MAT 8234

MT= 57 (n,n') Level
Cross Section

82-Pb-207
-39.58 To 51.11 %



14

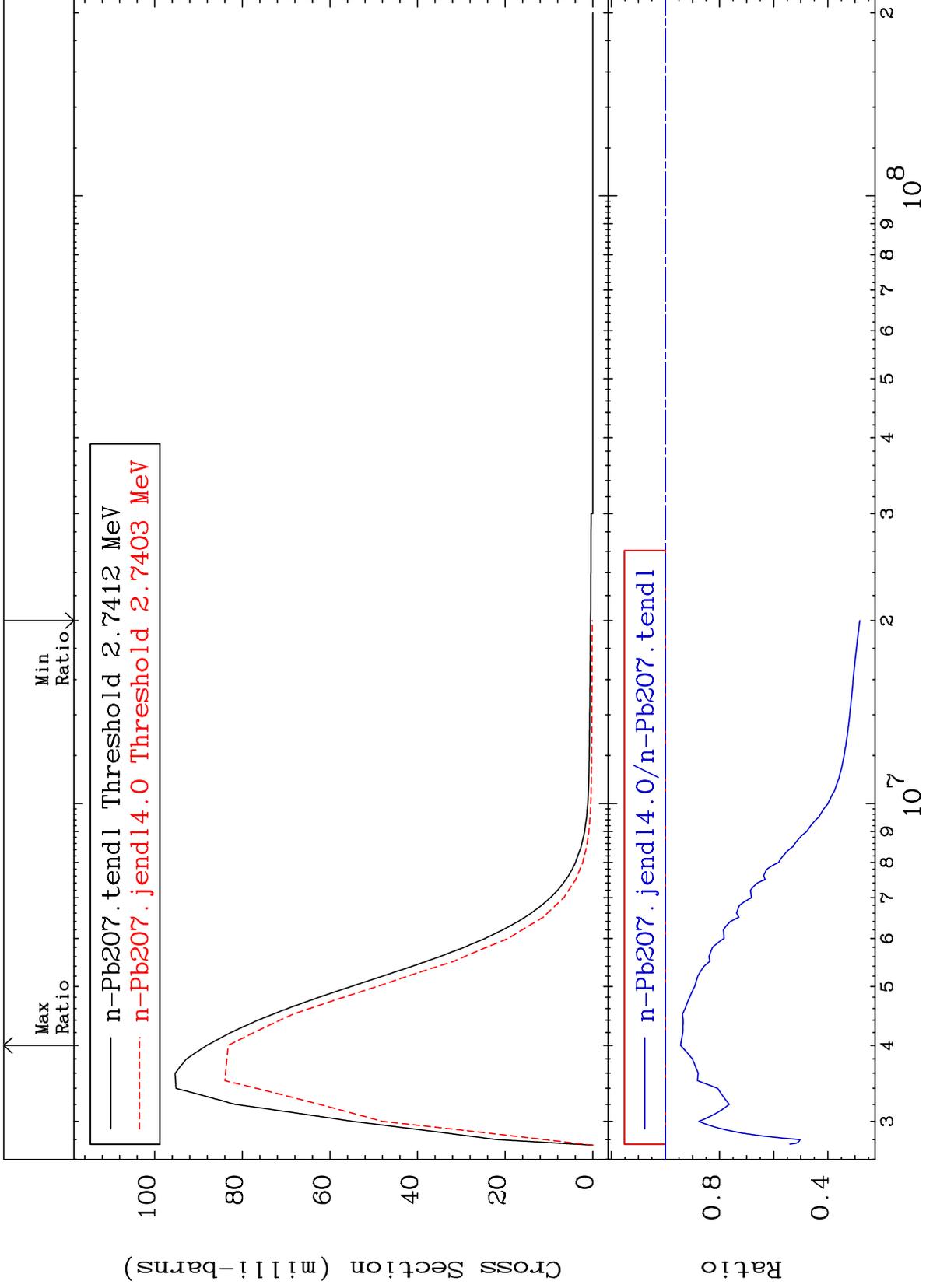
Incident Energy (eV)

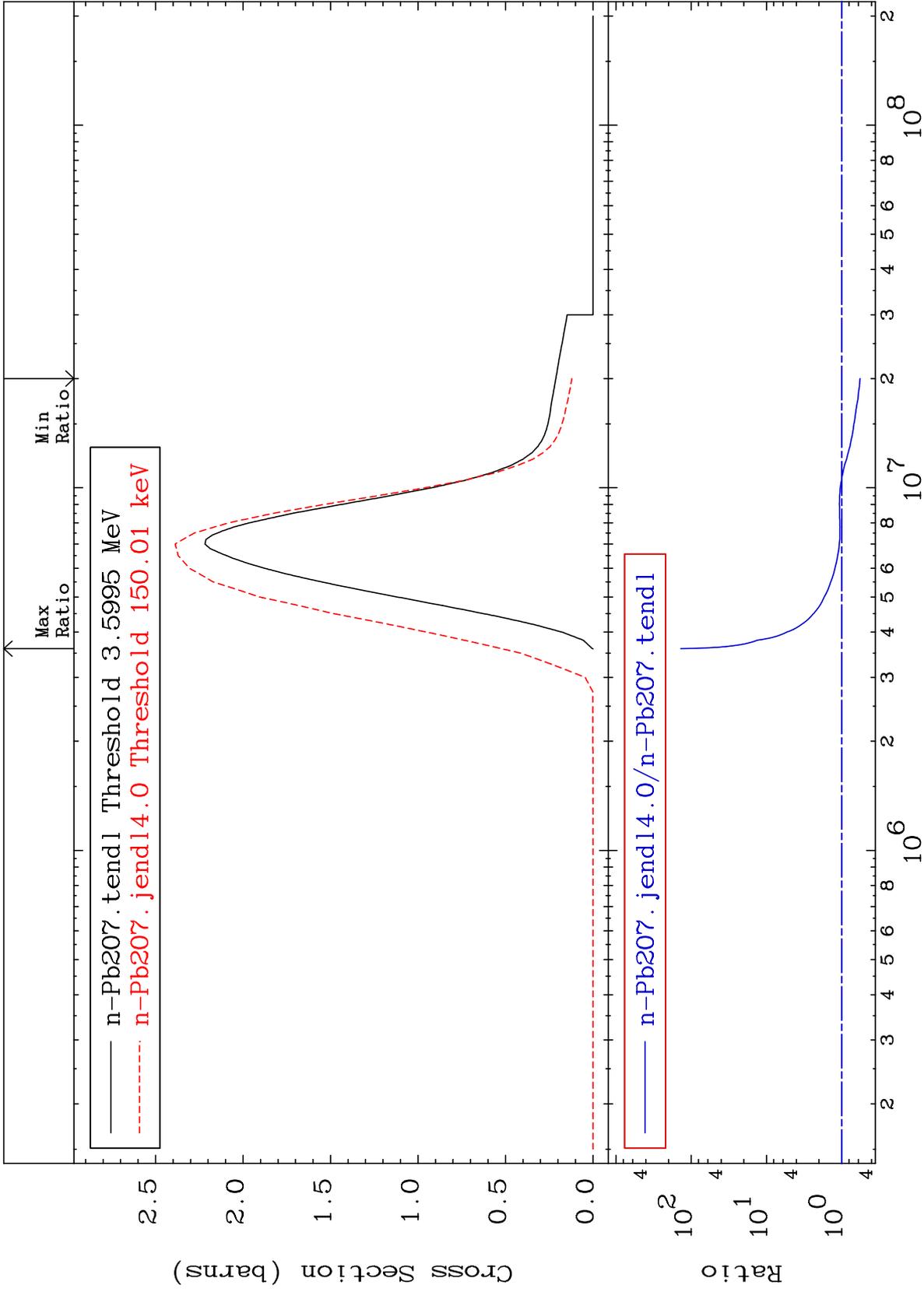
82-Pb-207

MAT 8234

MT= 58 (n,n') Level
Cross Section

82-Pb-207
-71.80 To -5.563%



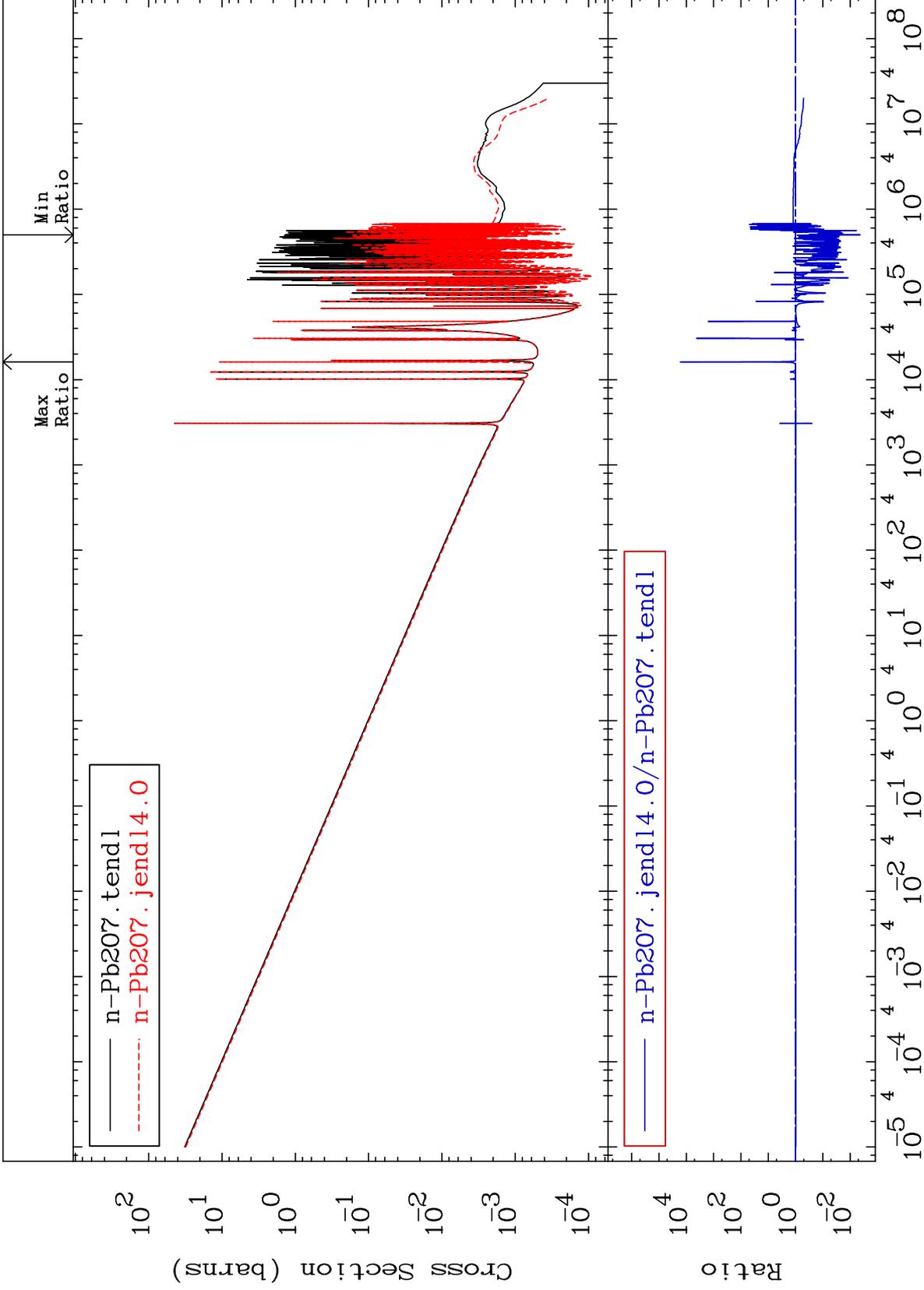


MAT 8234

(n, γ)

Cross Section

82-Pb-207
-99.57 To 9999. %



Incident Energy (eV)

82-Pb-207

17

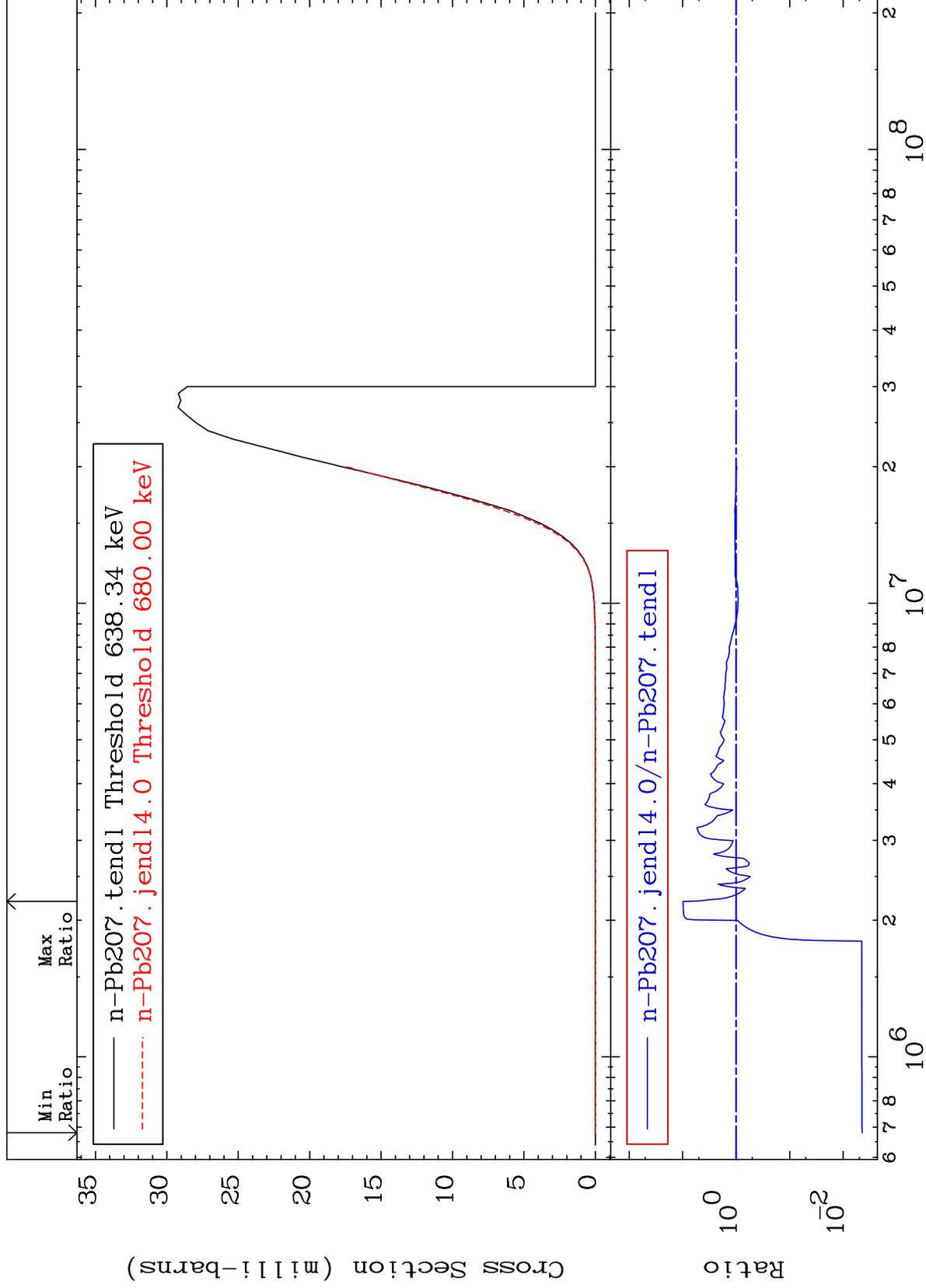
MAT 8234

(n,p)

82-Pb-207

Cross Section

-99.56 To 884.3 %



18

82-Pb-207

82-Pb-207

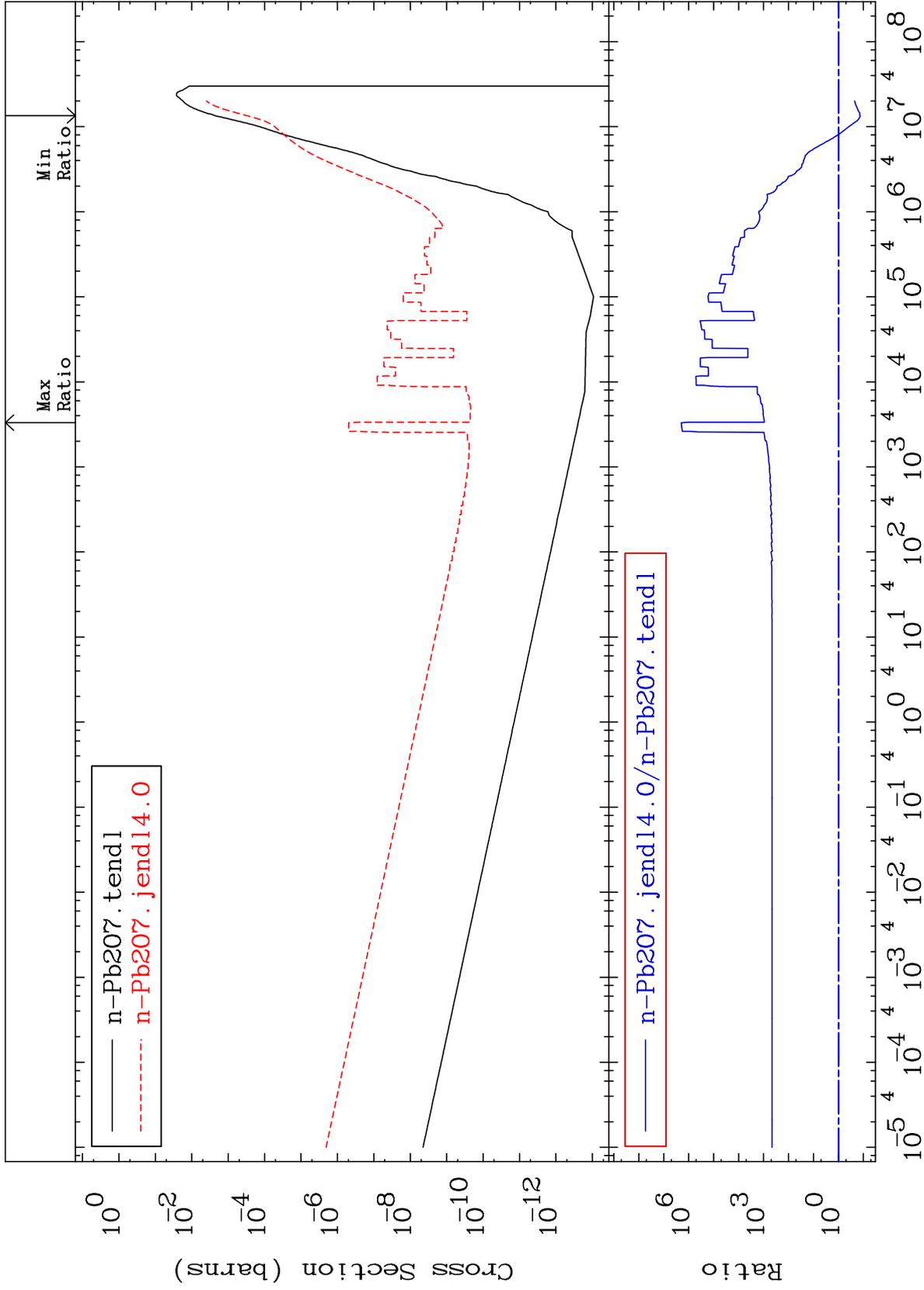
MAT 8234

(n, α)

82-Pb-207

Cross Section

-86.59 To 9999. %



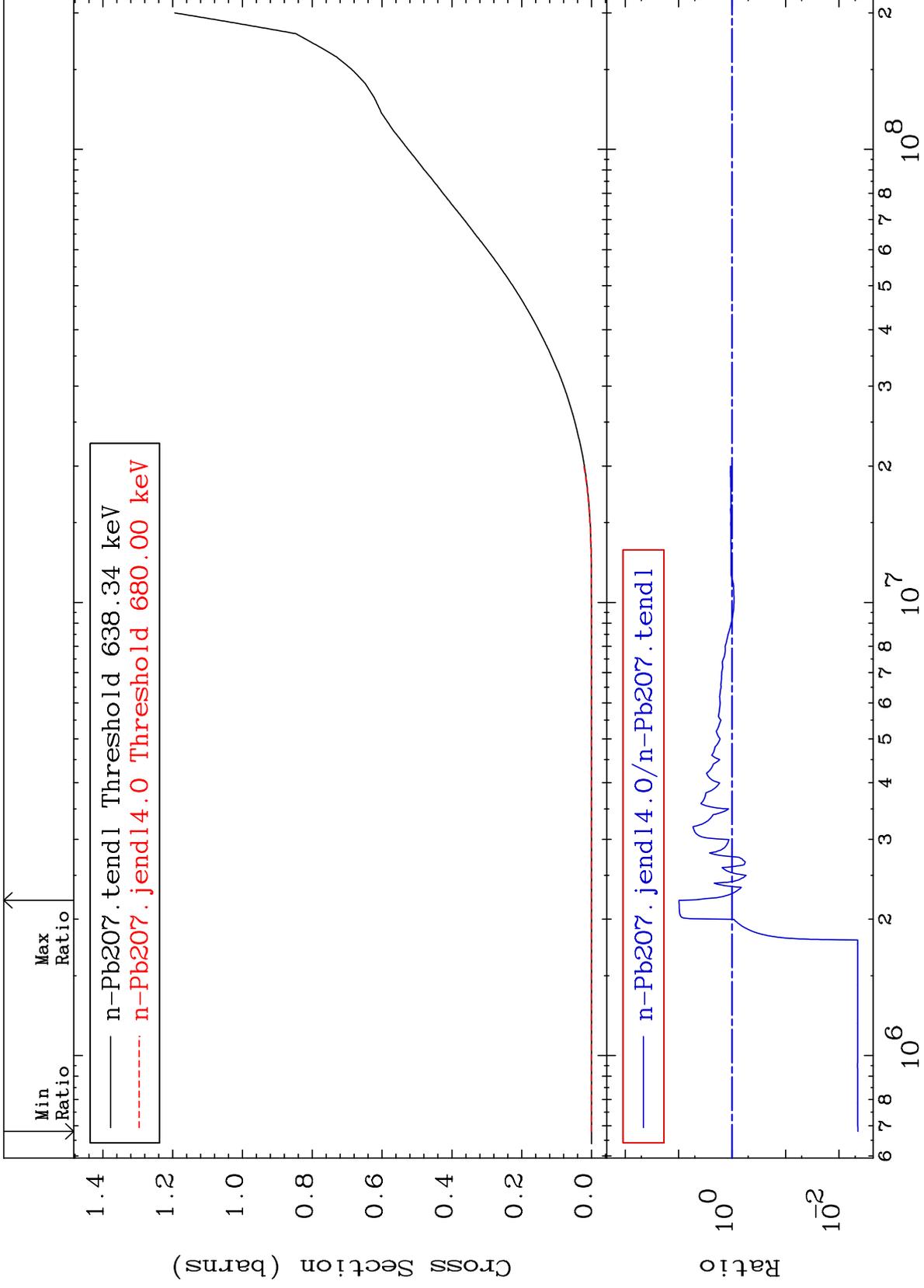
— n-Pb207.tendl
- - - n-Pb207.jendl4.0

— n-Pb207.jendl4.0/n-Pb207.tendl

MAT 8234

Hydrogen Production
Cross Section

82-Pb-207
-99.56 To 884.2 %



20

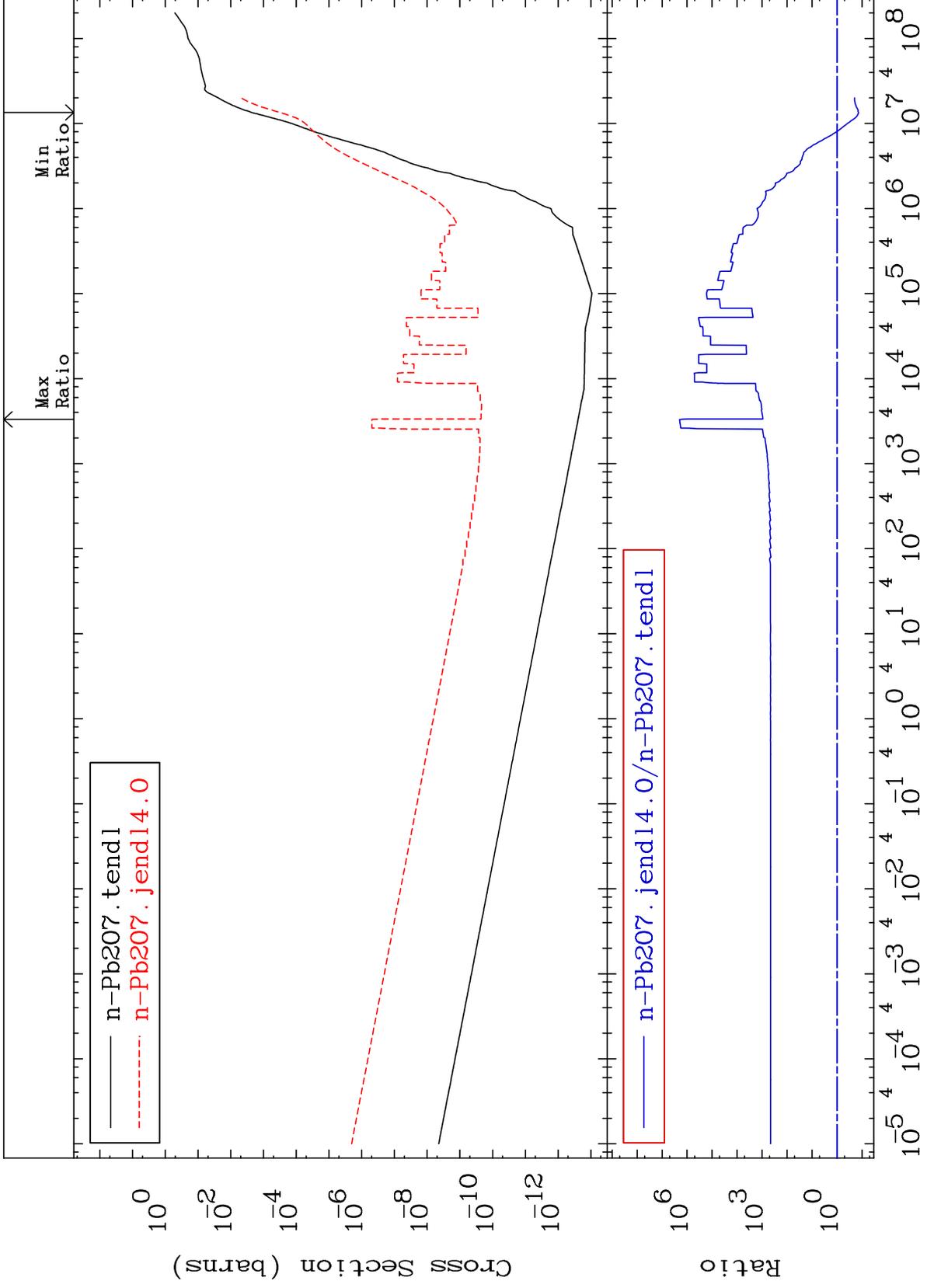
82-Pb-207

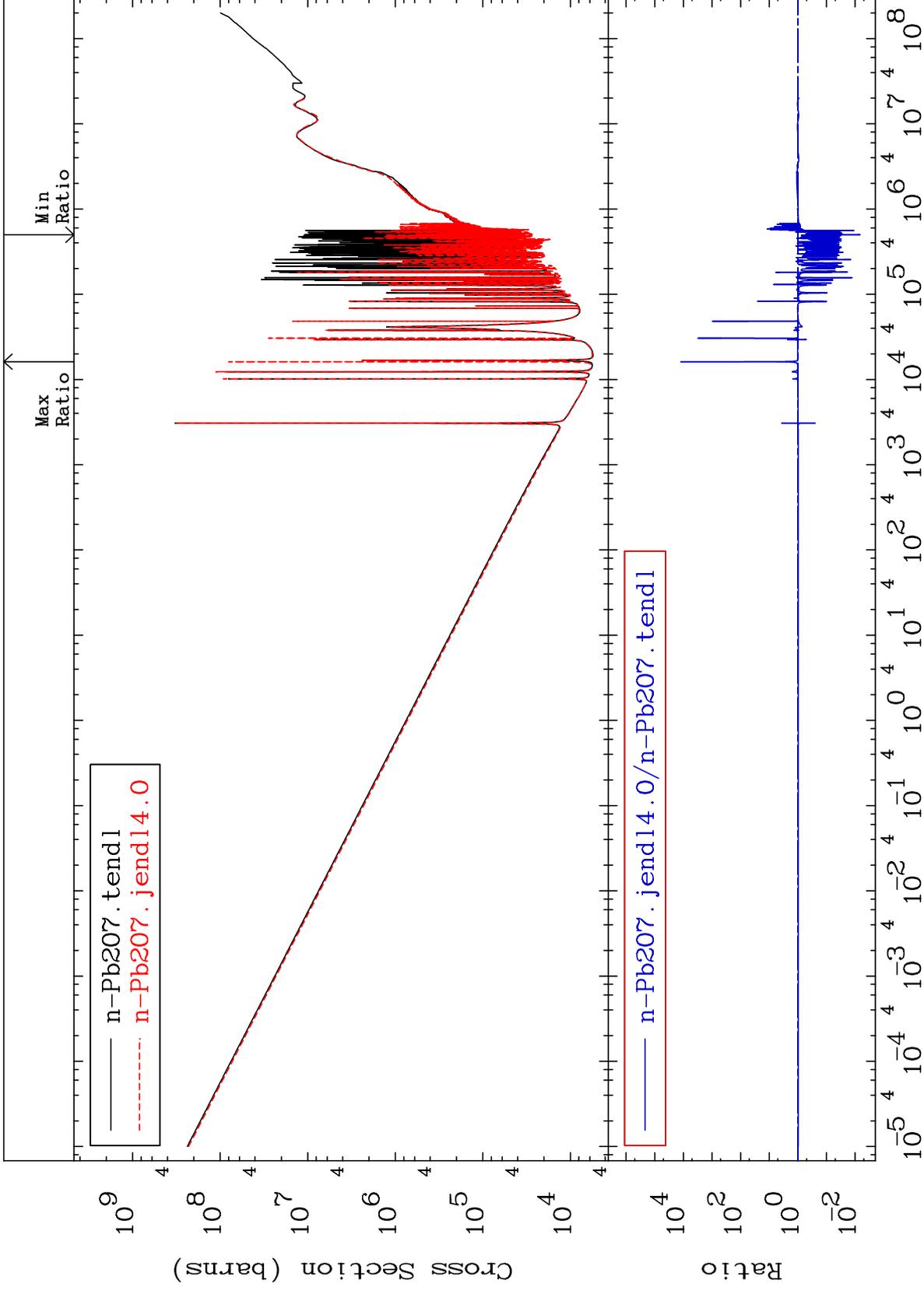
82-Pb-207

MAT 8234

He-4 Production
Cross Section

82-Pb-207
-86.18 To 9999. %

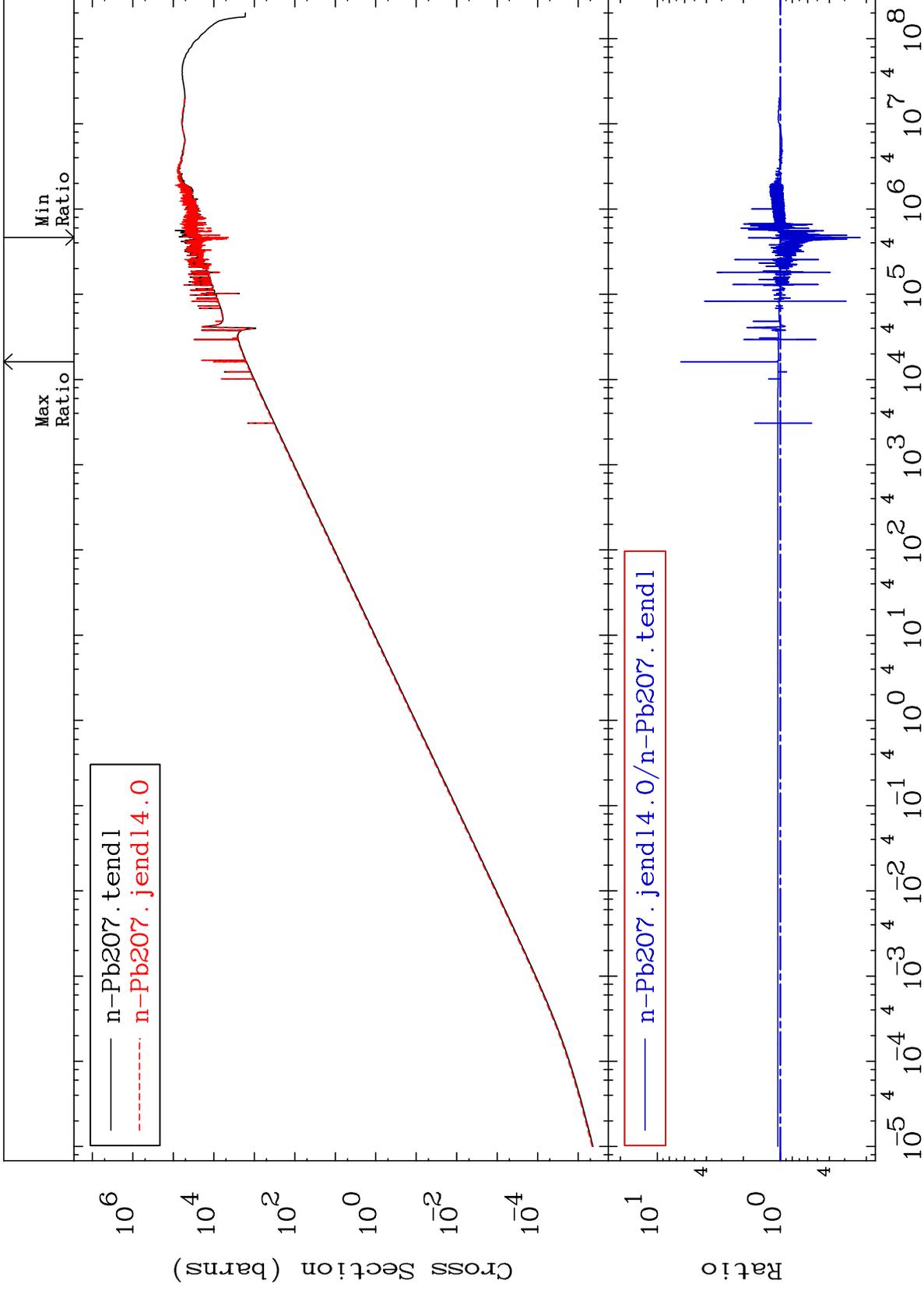


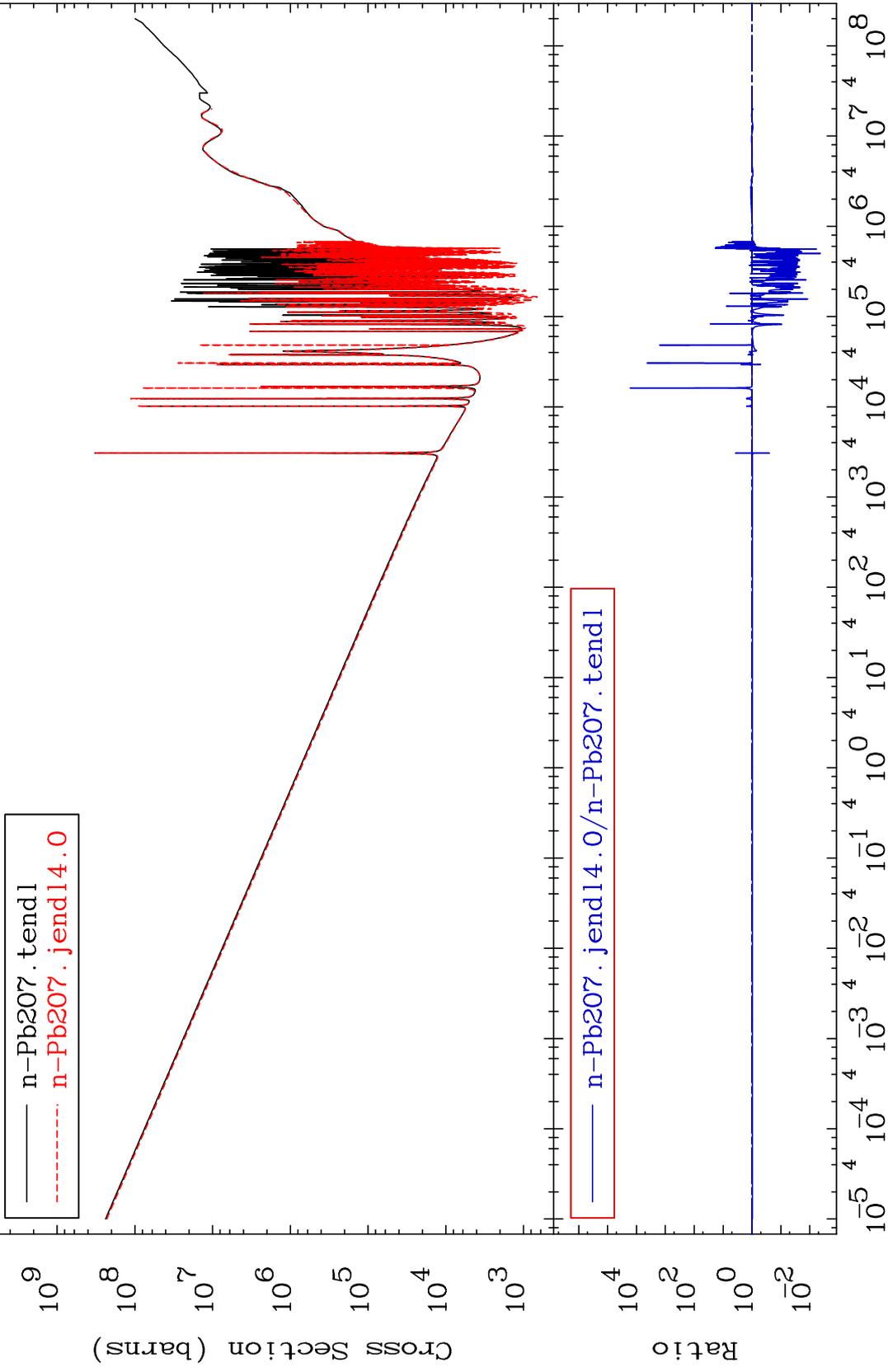


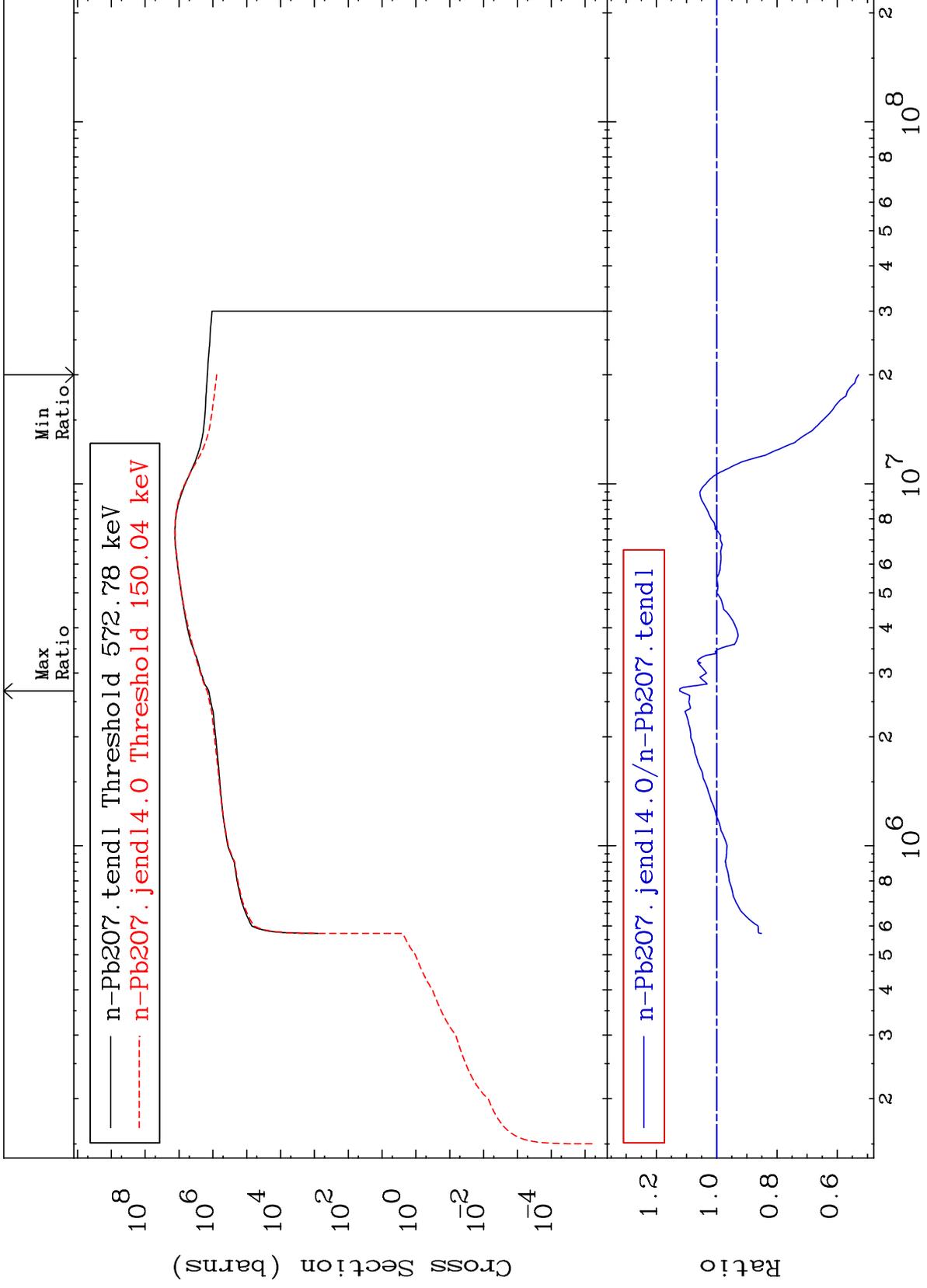
MAT 8234

Kerma elastic
Cross Section

82-Pb-207
-77.53 To 545.5 %



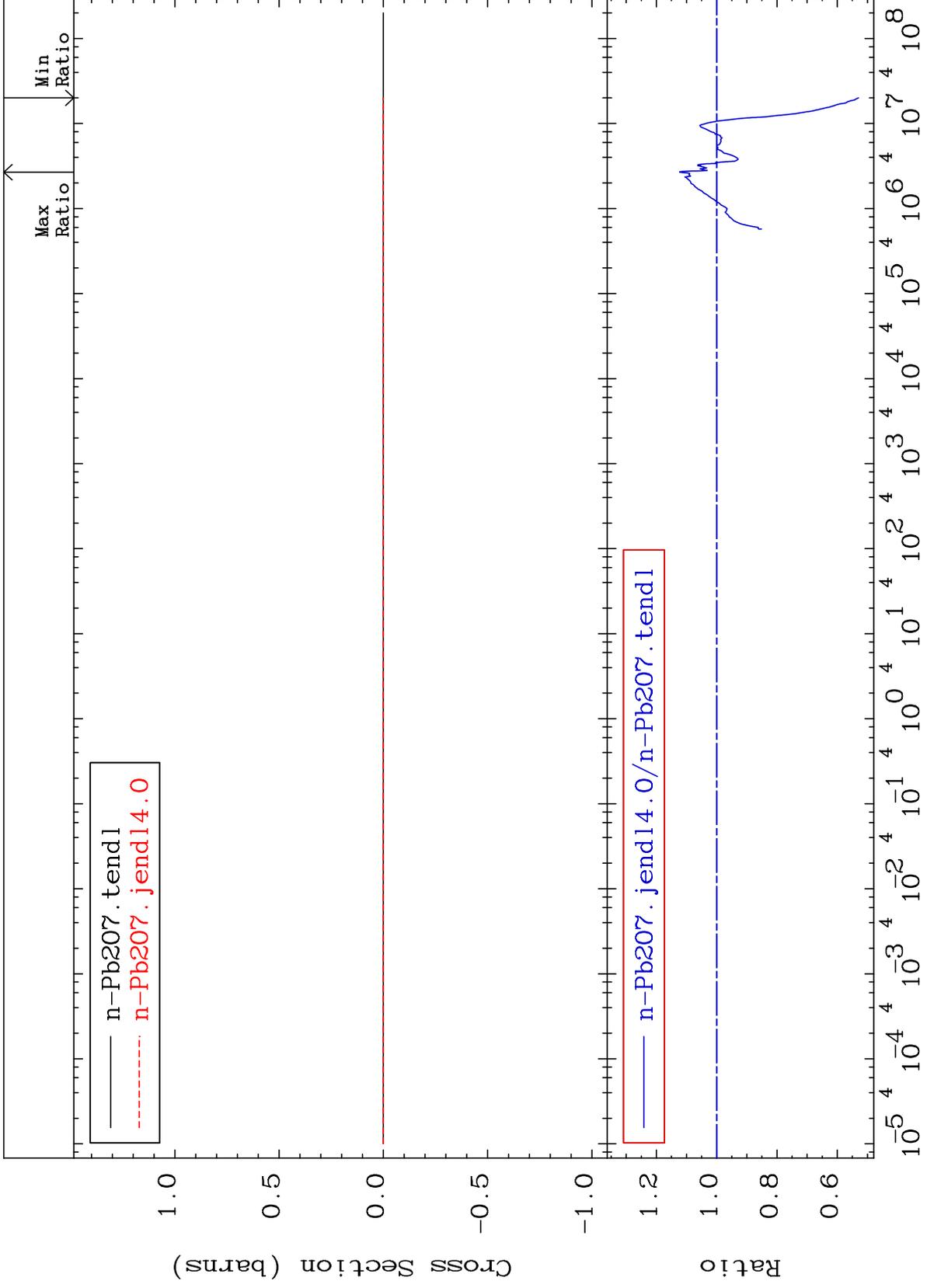




MAT 8234

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

82-Pb-207
-47.04 To 12.32 %



MAT 8234

Kerma capture (mt102)
Cross Section

82-Pb-207
-99.57 To 9999. %

