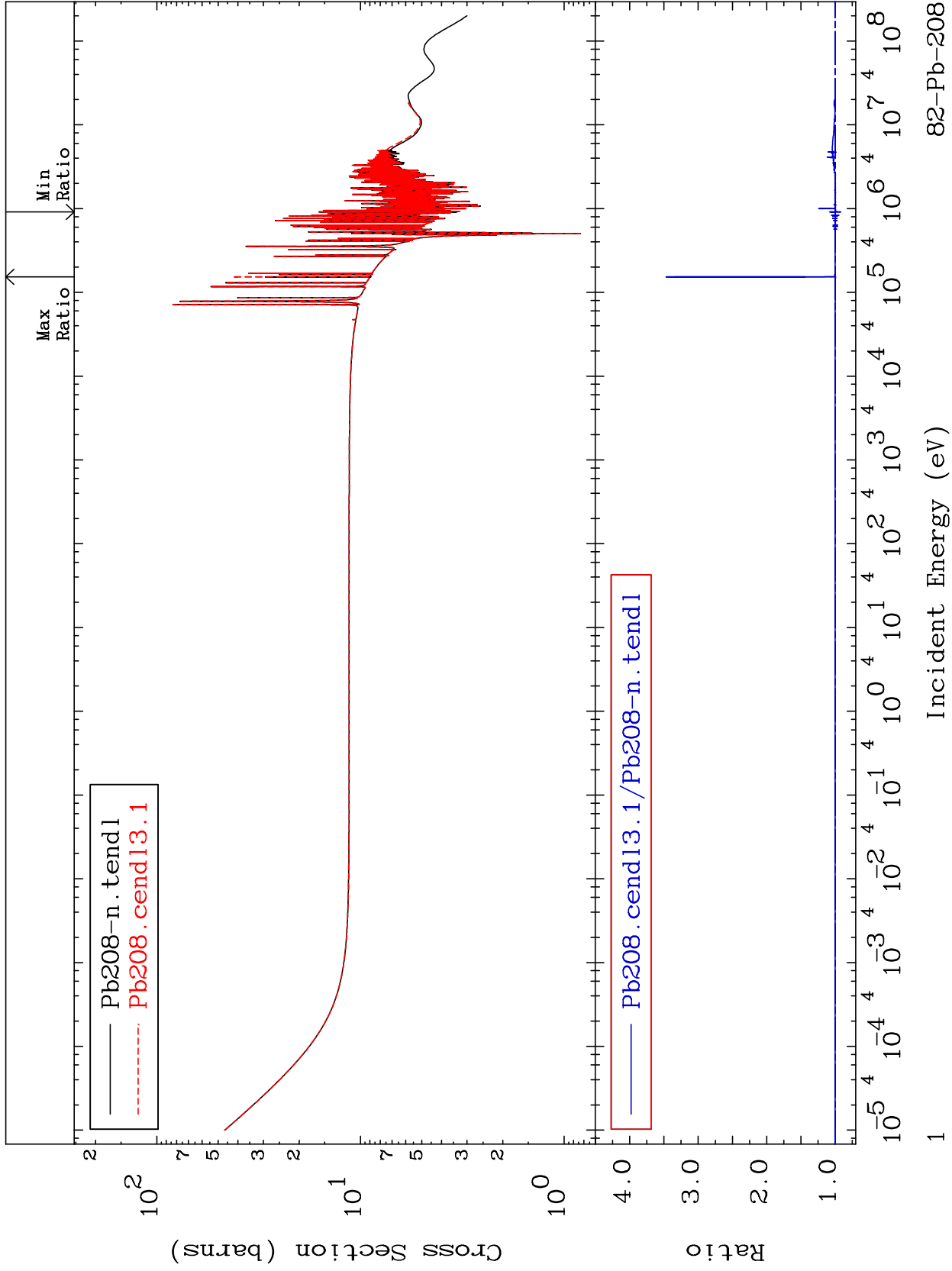


MAT 8237

Total
Cross Section

82-Pb-208
-8.216 To 247.0 %

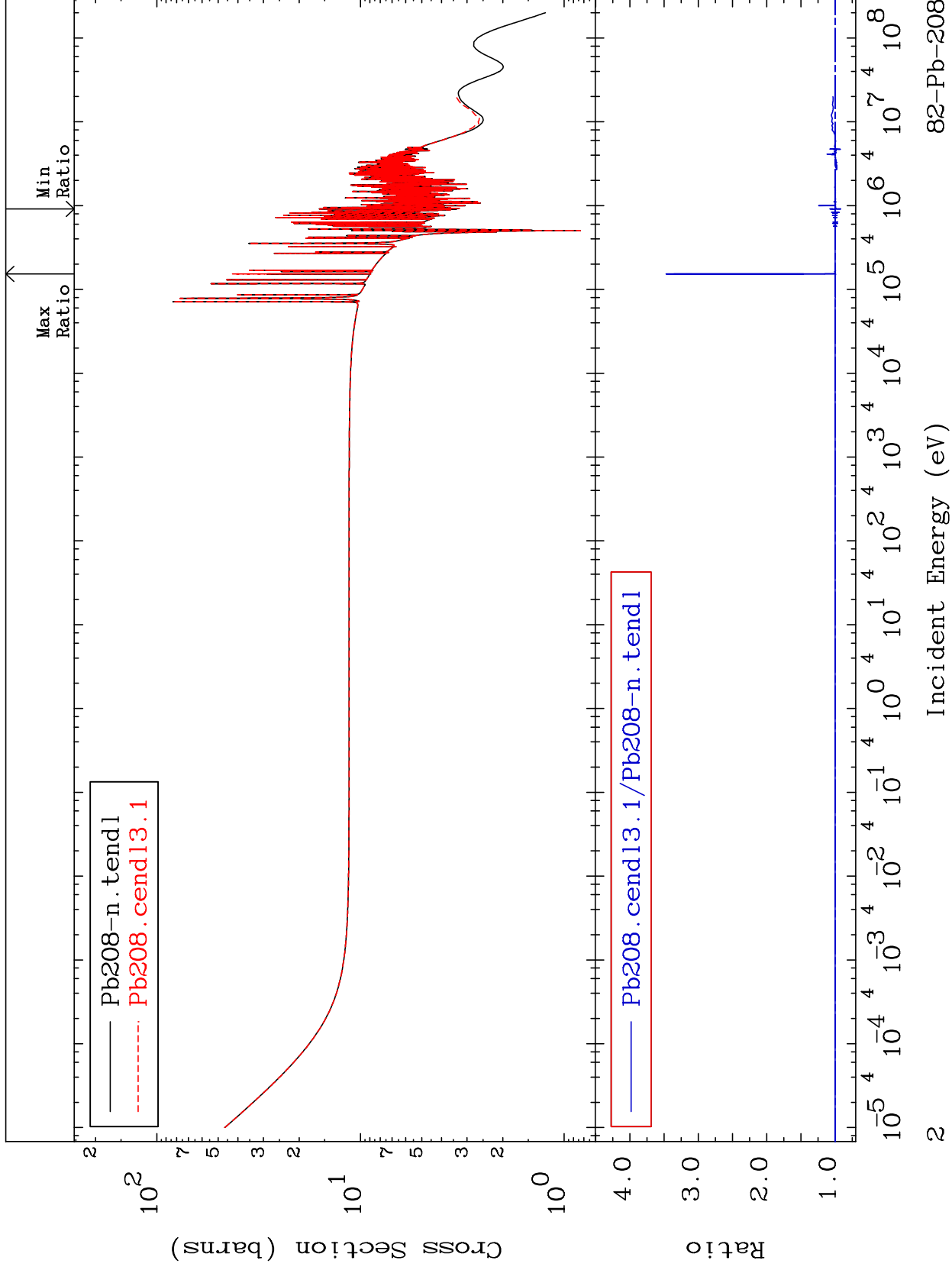


82-Pb-208

MAT 8237

Elastic
Cross Section

82-Pb-208
-8.239 To 247.3 %

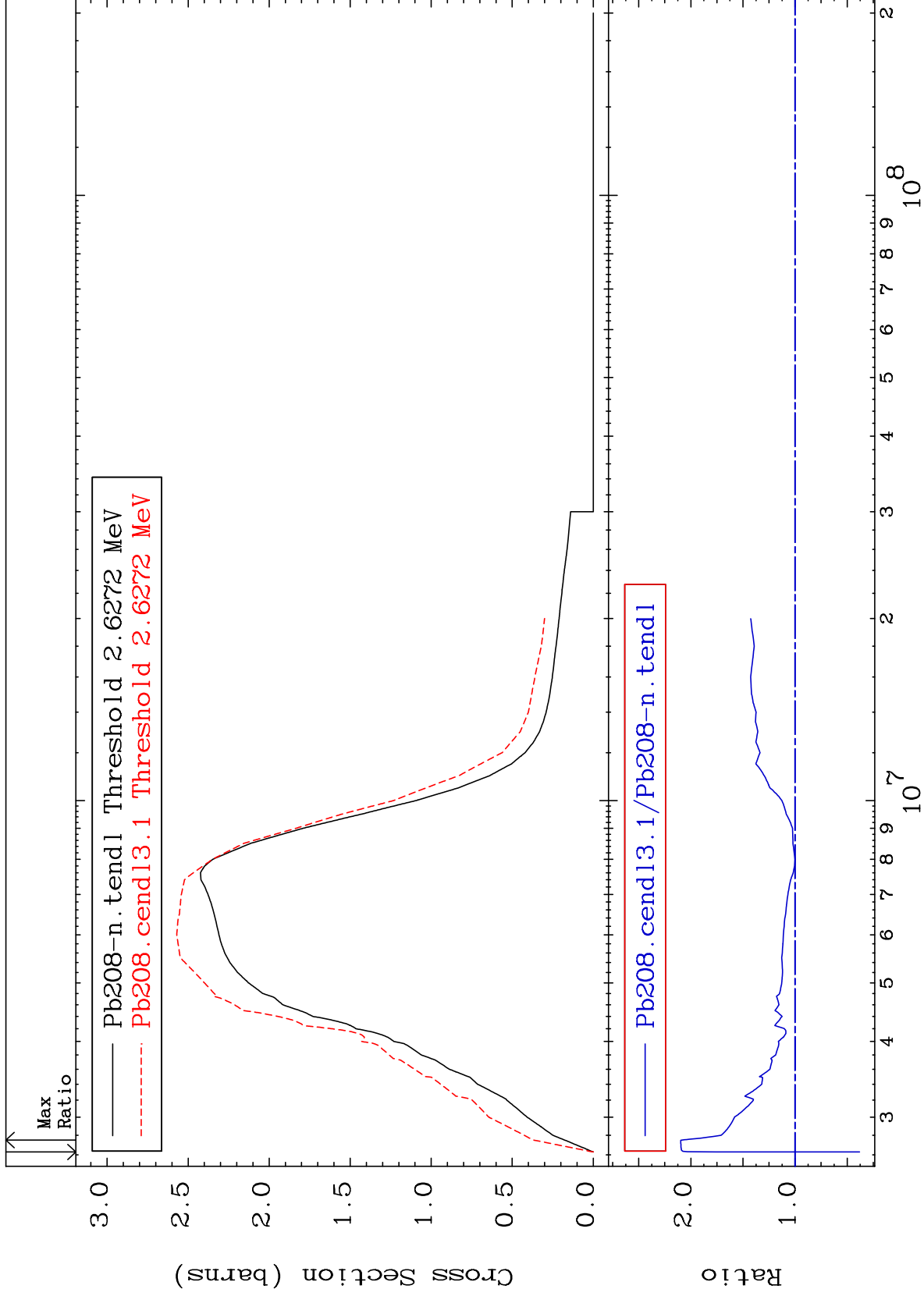


82-Pb-208

MAT 8237

Inelastic
Cross Section

82-Pb-208
-61.86 To 109.7 %



3

Incident Energy (eV)

82-Pb-208

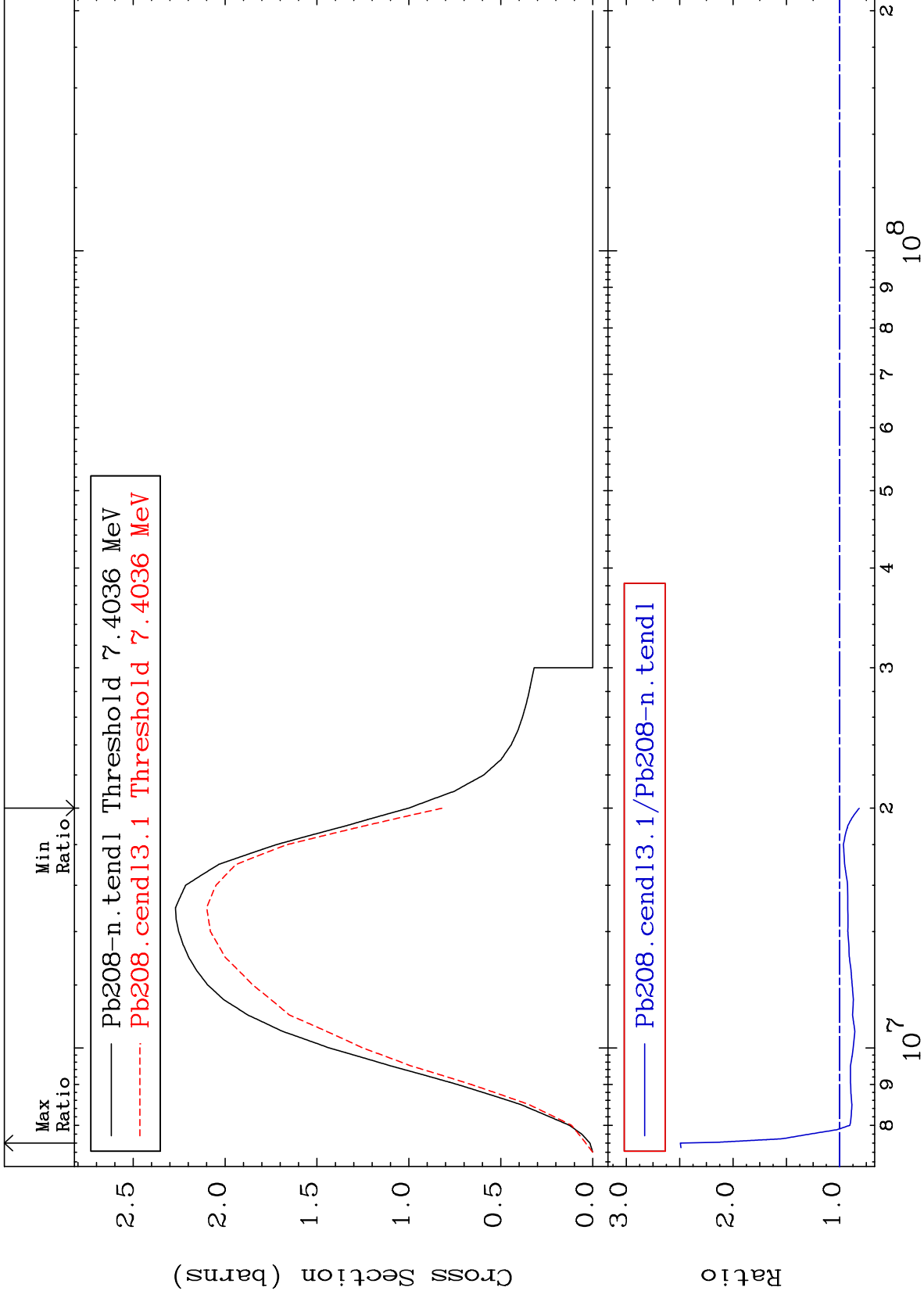
MAT 8237

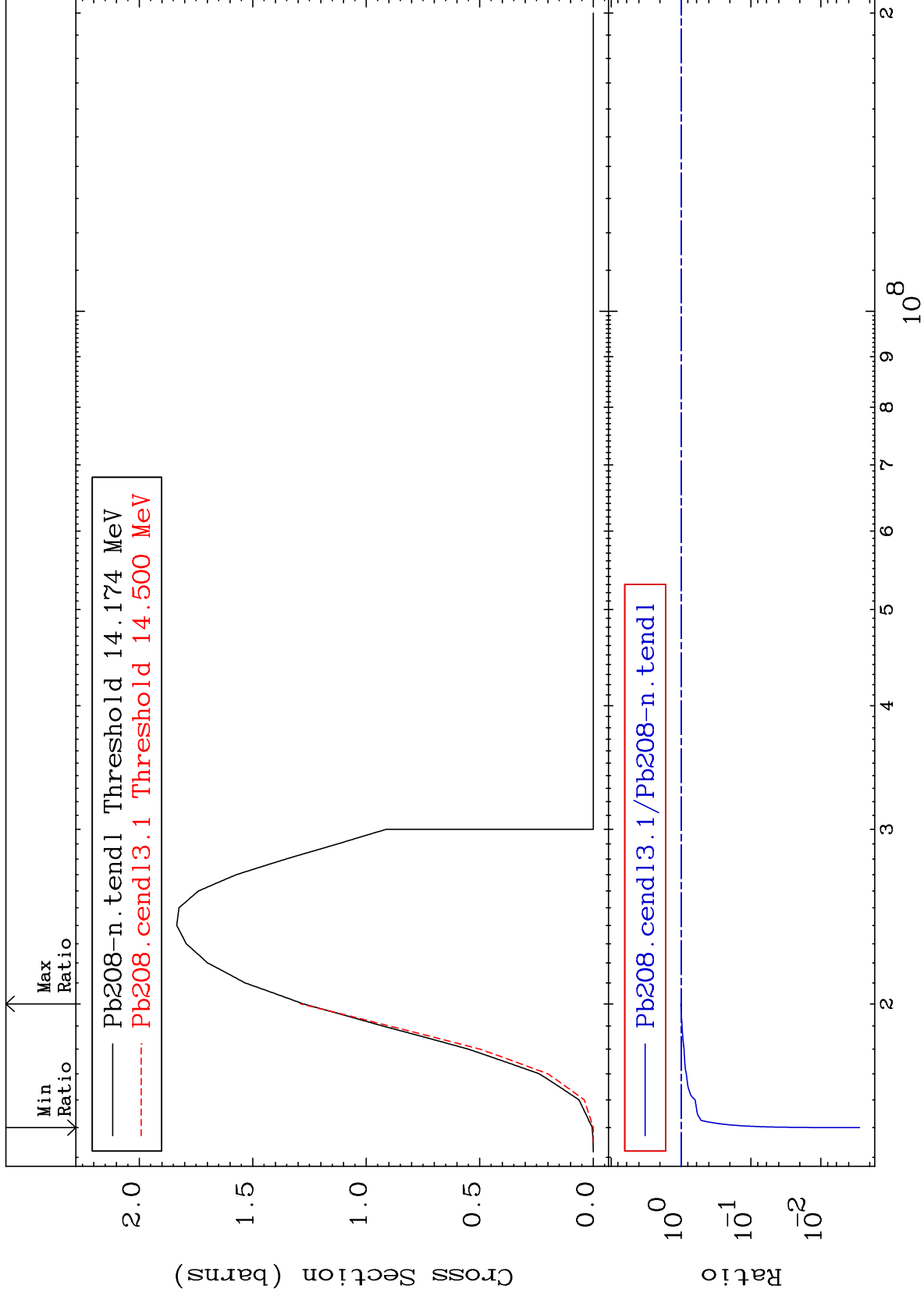
(n,2n)

82-Pb-208

Cross Section

-18.50 To 149.4 %

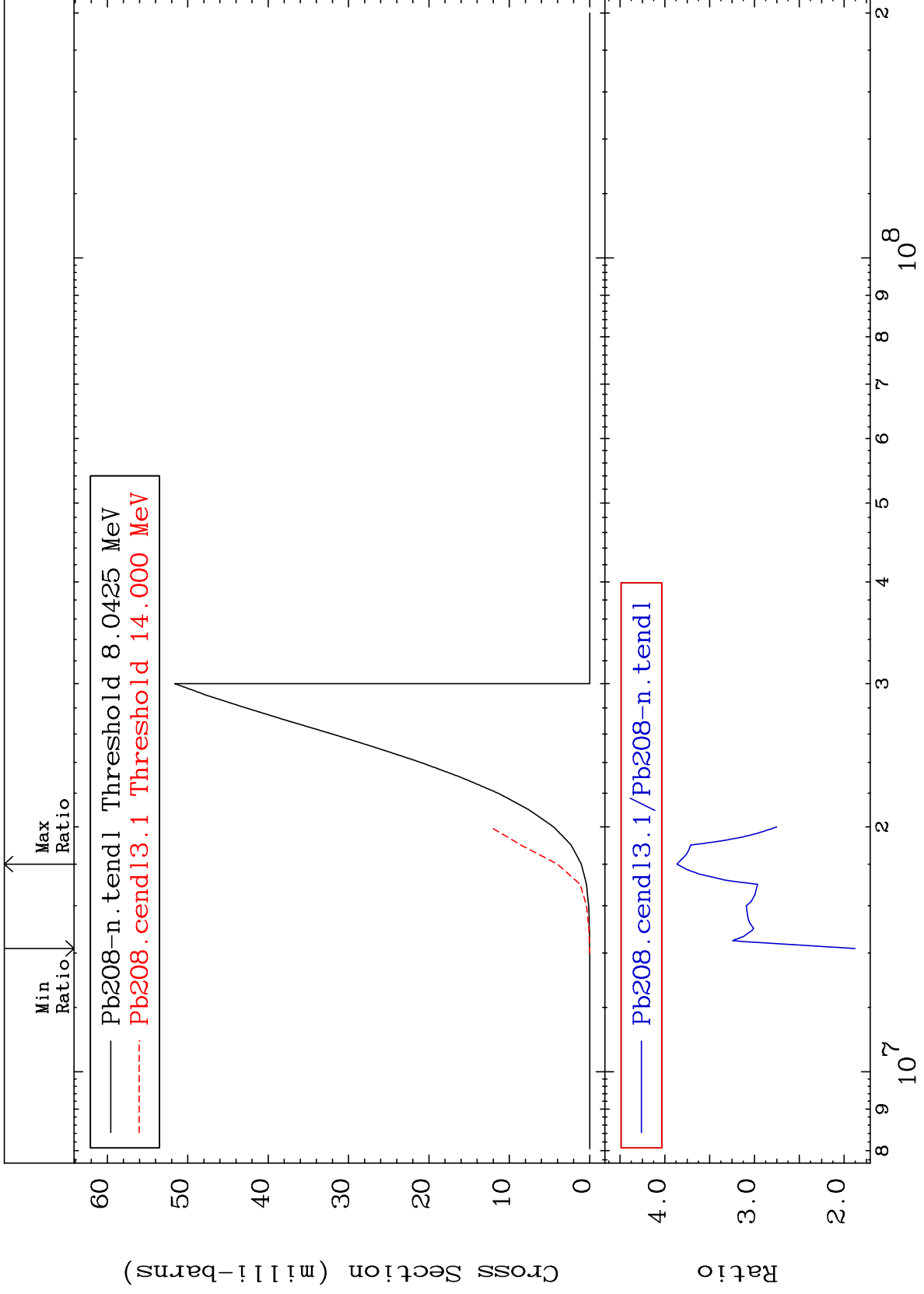




MAT 8237

(n, n') p
Cross Section

82-Pb-208
87.63 To 286.4 %



6

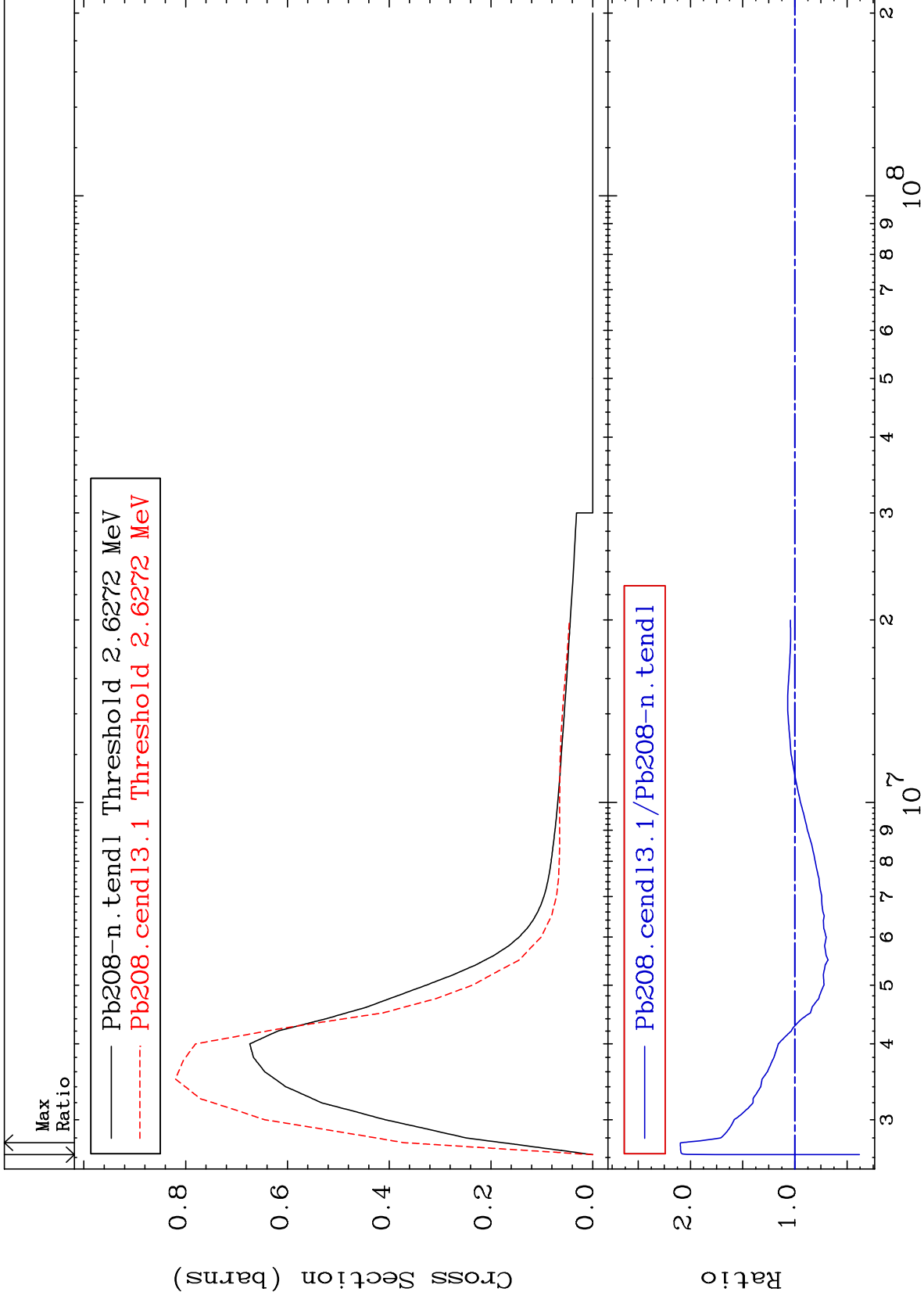
82-Pb-208

82-Pb-208

MAT 8237

2.615 MeV (n,n') Level
Cross Section

82-Pb-208
-61.86 To 109.7 %



7

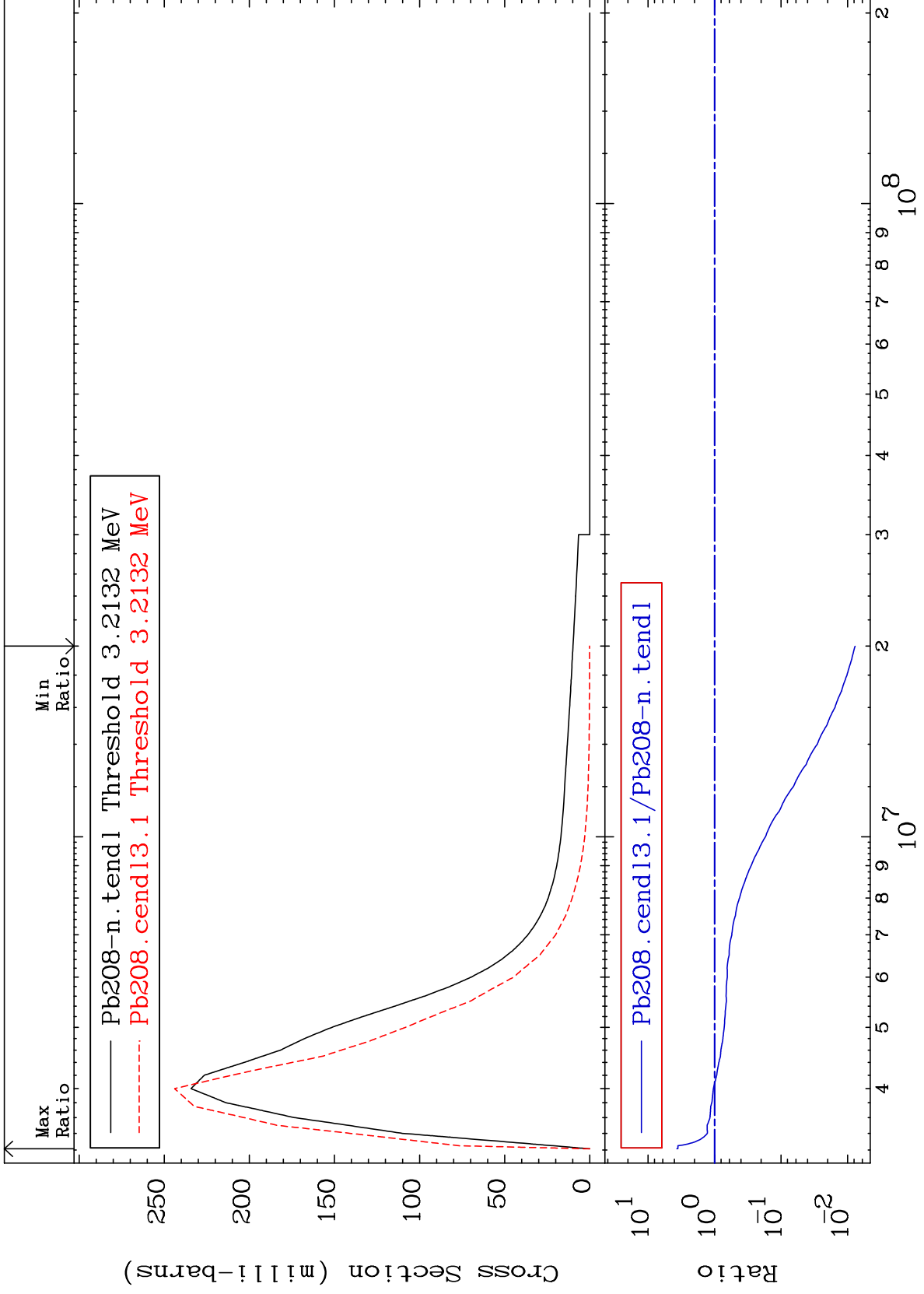
Incident Energy (eV)

82-Pb-208

MAT 8237

3.198 MeV (n,n') Level
Cross Section

82-Pb-208
-99.23 To 267.3 %



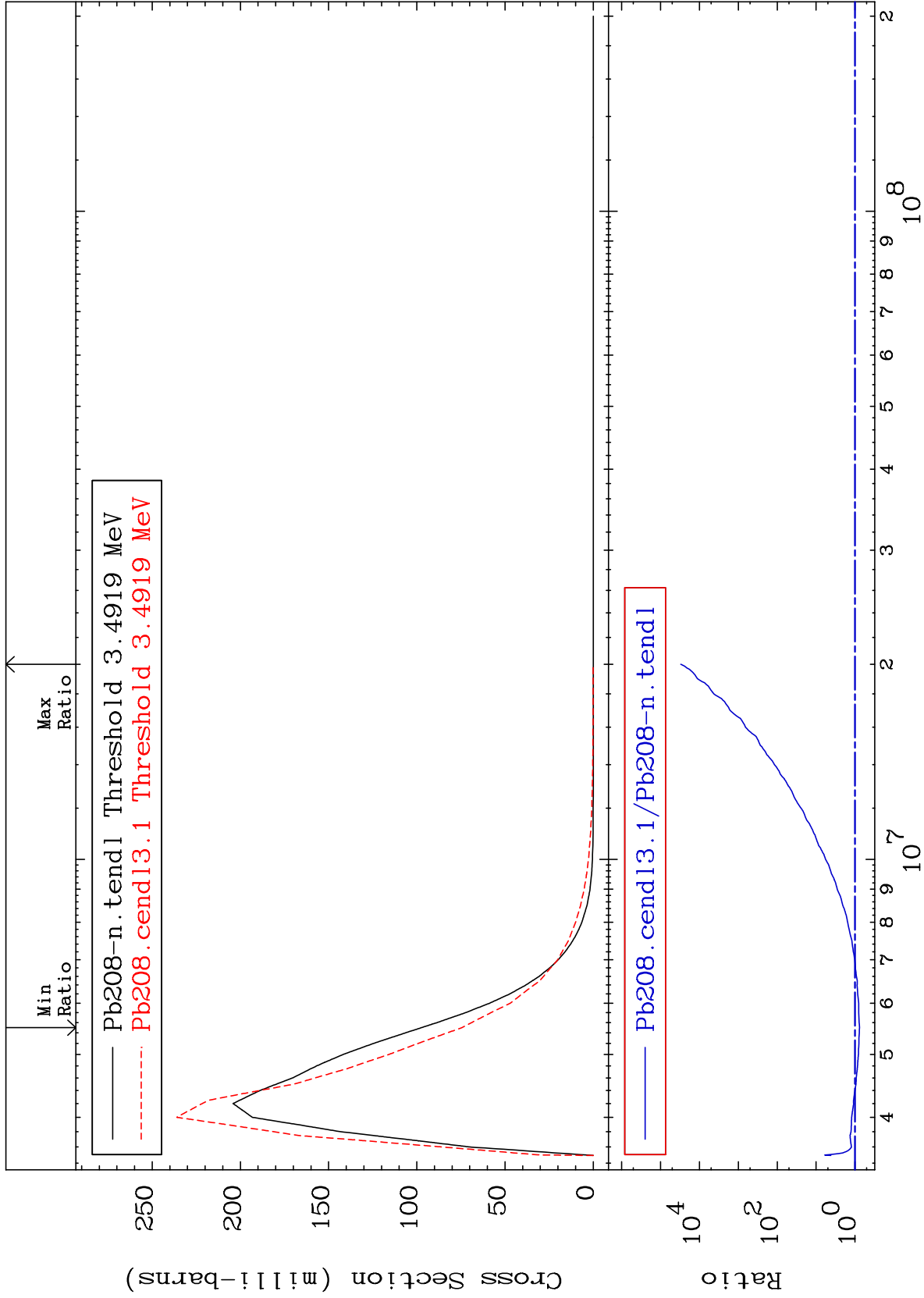
MAT 8237

3.475 MeV (n,n') Level

82-Pb-208

-23.61 To 9999. %

Cross Section



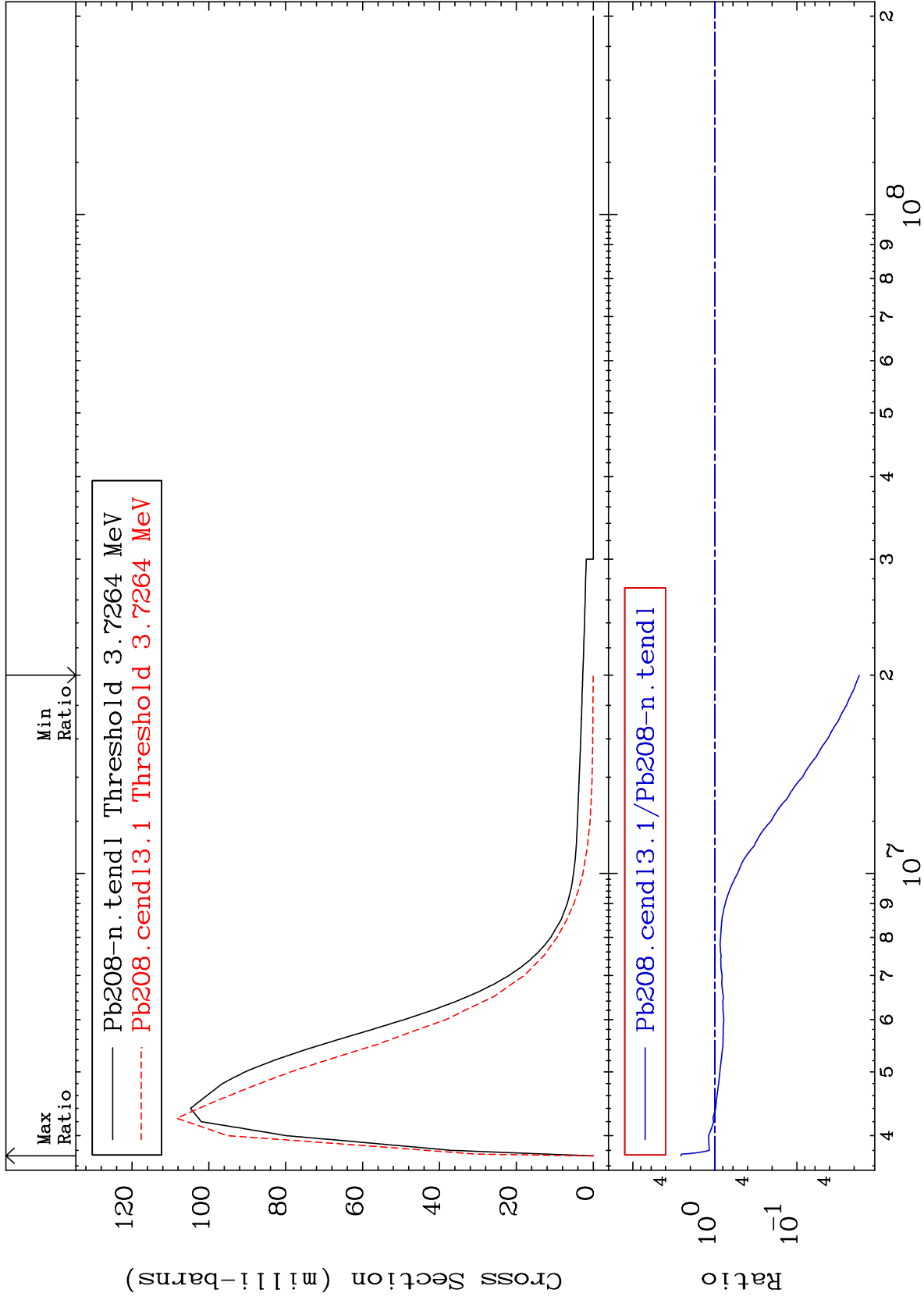
MAT 8237

3.708 MeV (n,n') Level

82-Pb-208

-98.28 To 160.6 %

Cross Section



10

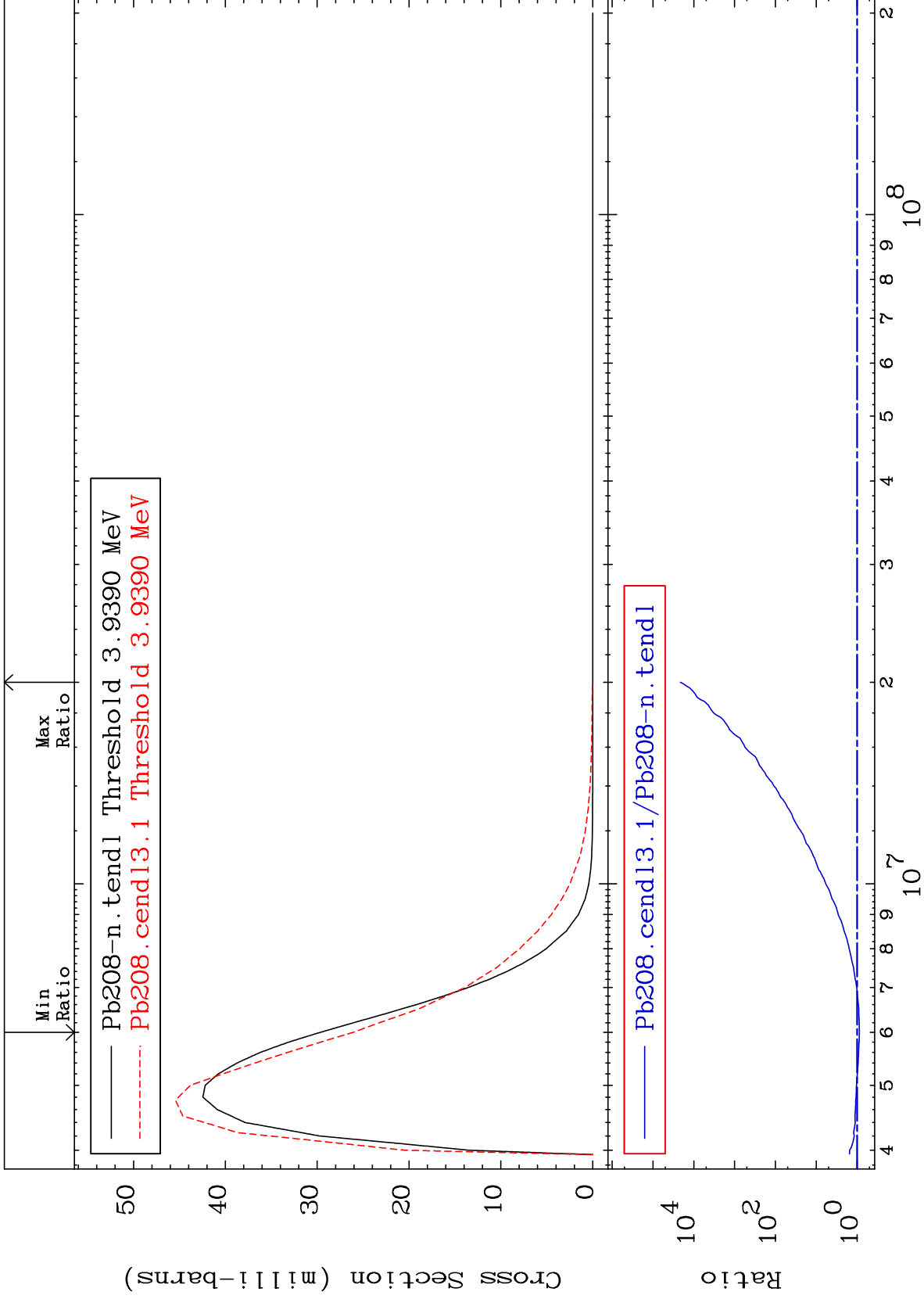
Incident Energy (eV)

82-Pb-208

MAT 8237

3.920 MeV (n,n') Level
Cross Section

82-Pb-208
-12.10 To 9999. %



11

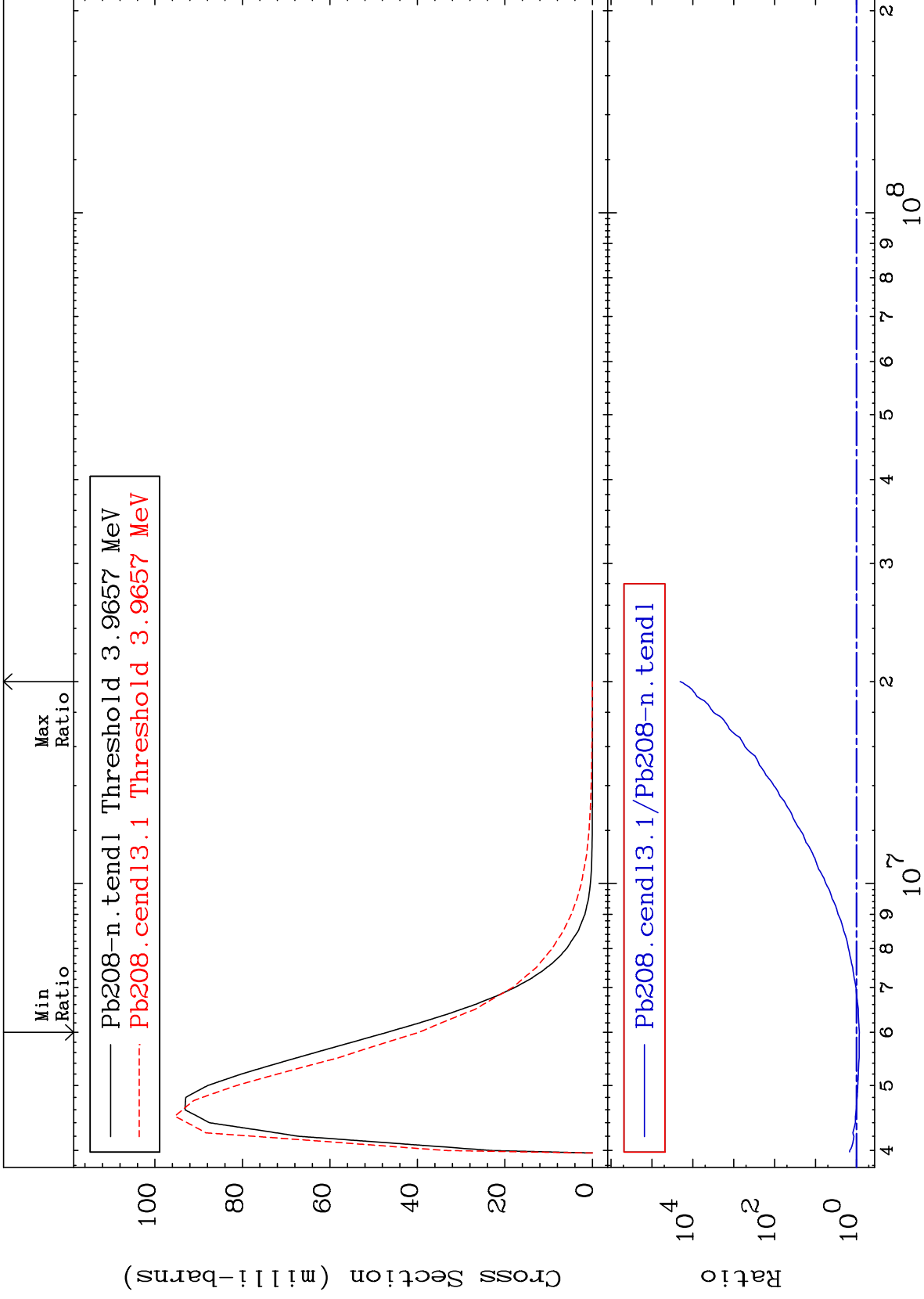
82-Pb-208

82-Pb-208

MAT 8237

3.947 MeV (n,n') Level
Cross Section

82-Pb-208
-15.43 To 9999. %



12

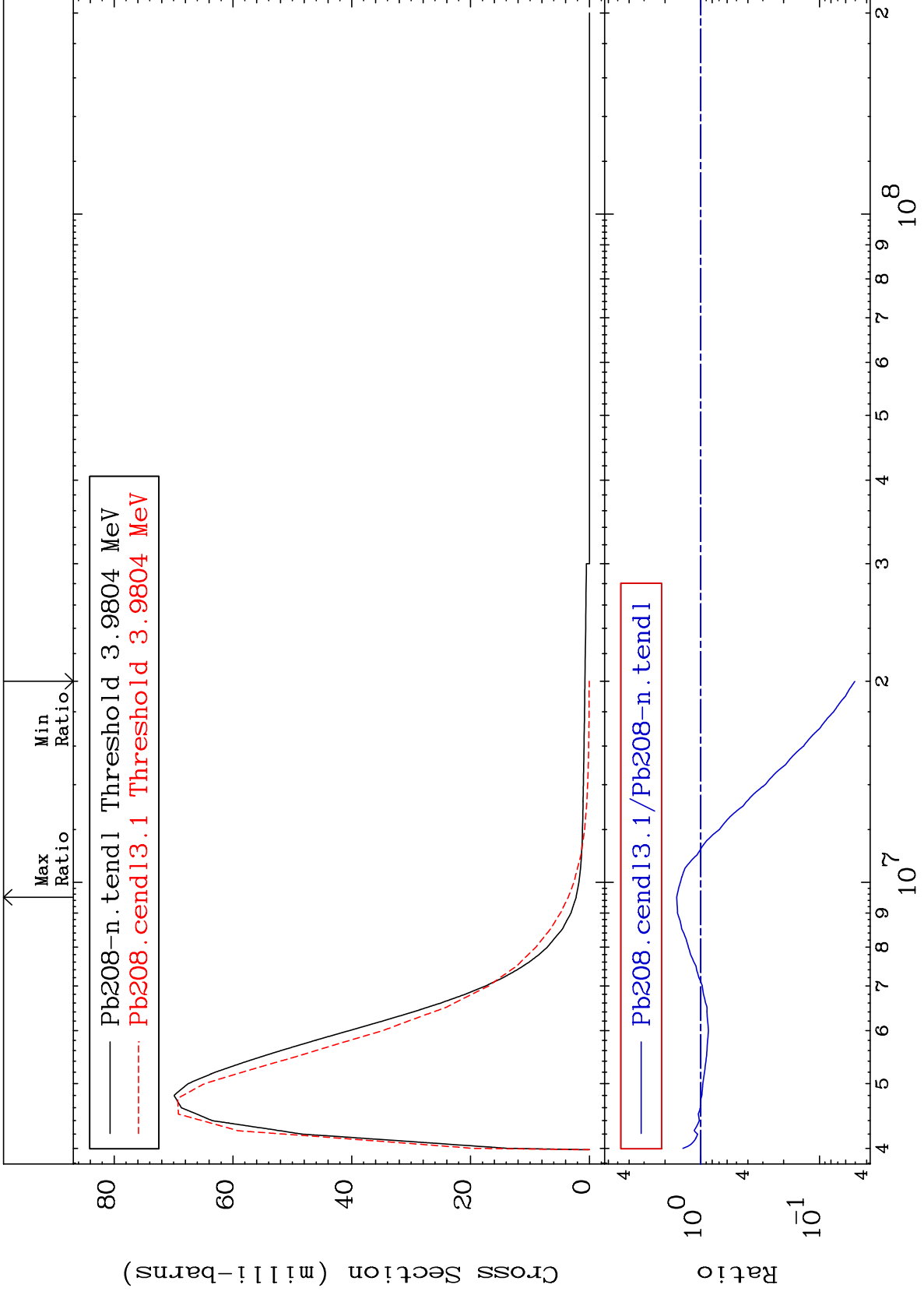
82-Pb-208

82-Pb-208

MAT 8237

3.961 MeV (n,n') Level
Cross Section

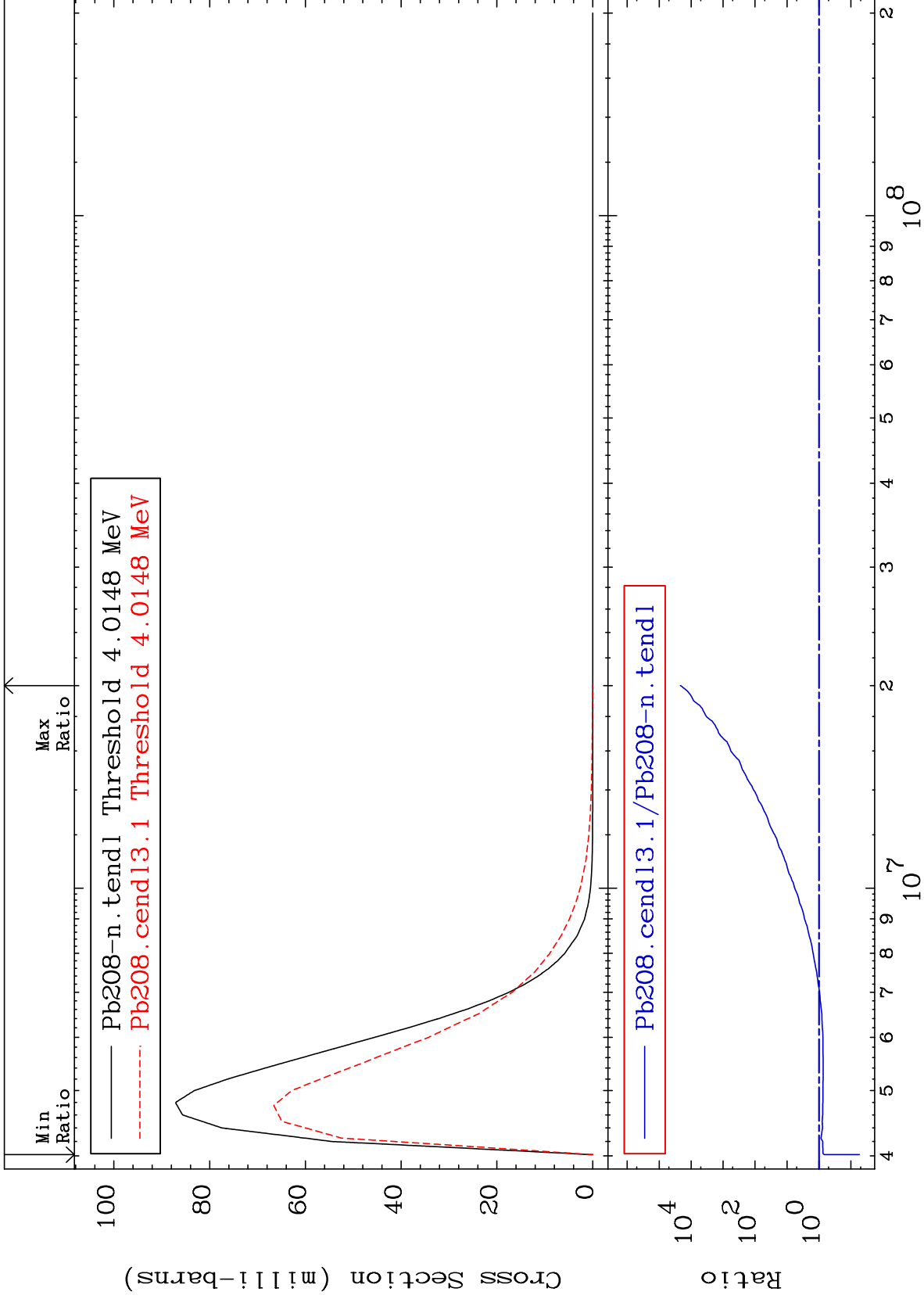
82-Pb-208
-94.99 To 59.19 %



MAT 8237

3.995 MeV (n,n') Level
Cross Section

82-Pb-208
-94.57 To 9999. %



14

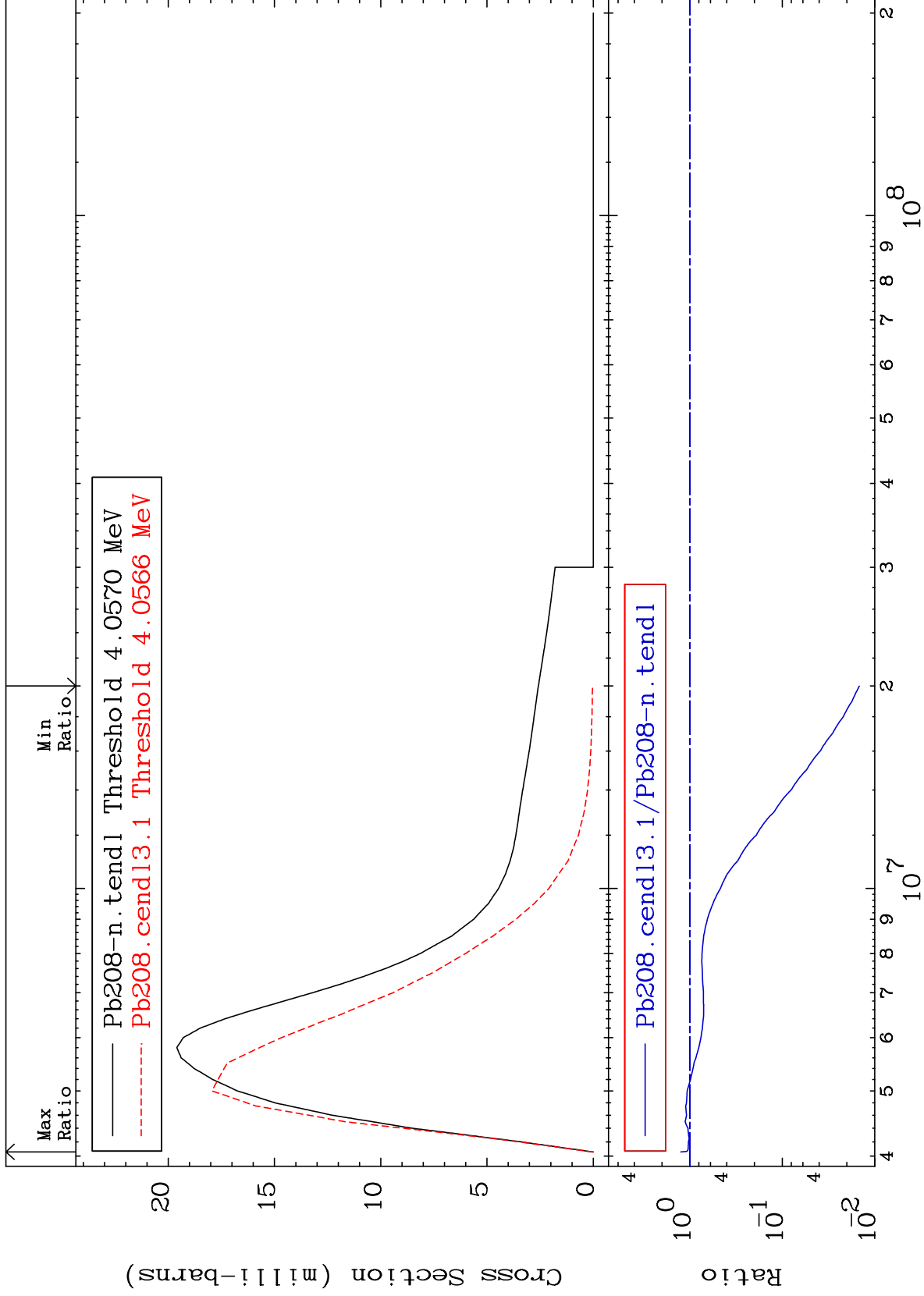
Incident Energy (eV)

82-Pb-208

MAT 8237

4.037 MeV (n,n') Level
Cross Section

82-Pb-208
-98.54 To 25.57 %



15

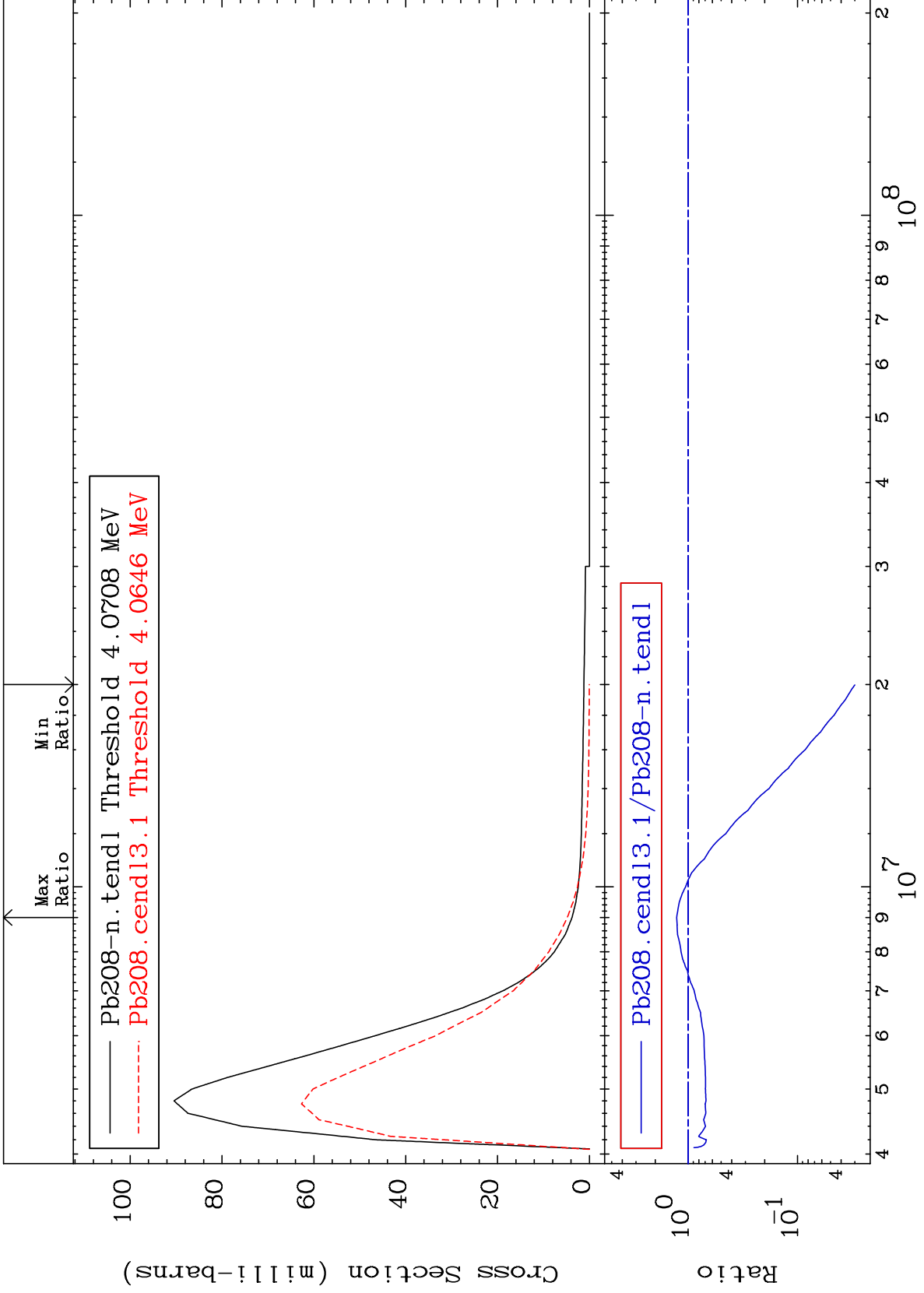
Incident Energy (eV)

82-Pb-208

MAT 8237

4.051 MeV (n,n') Level
Cross Section

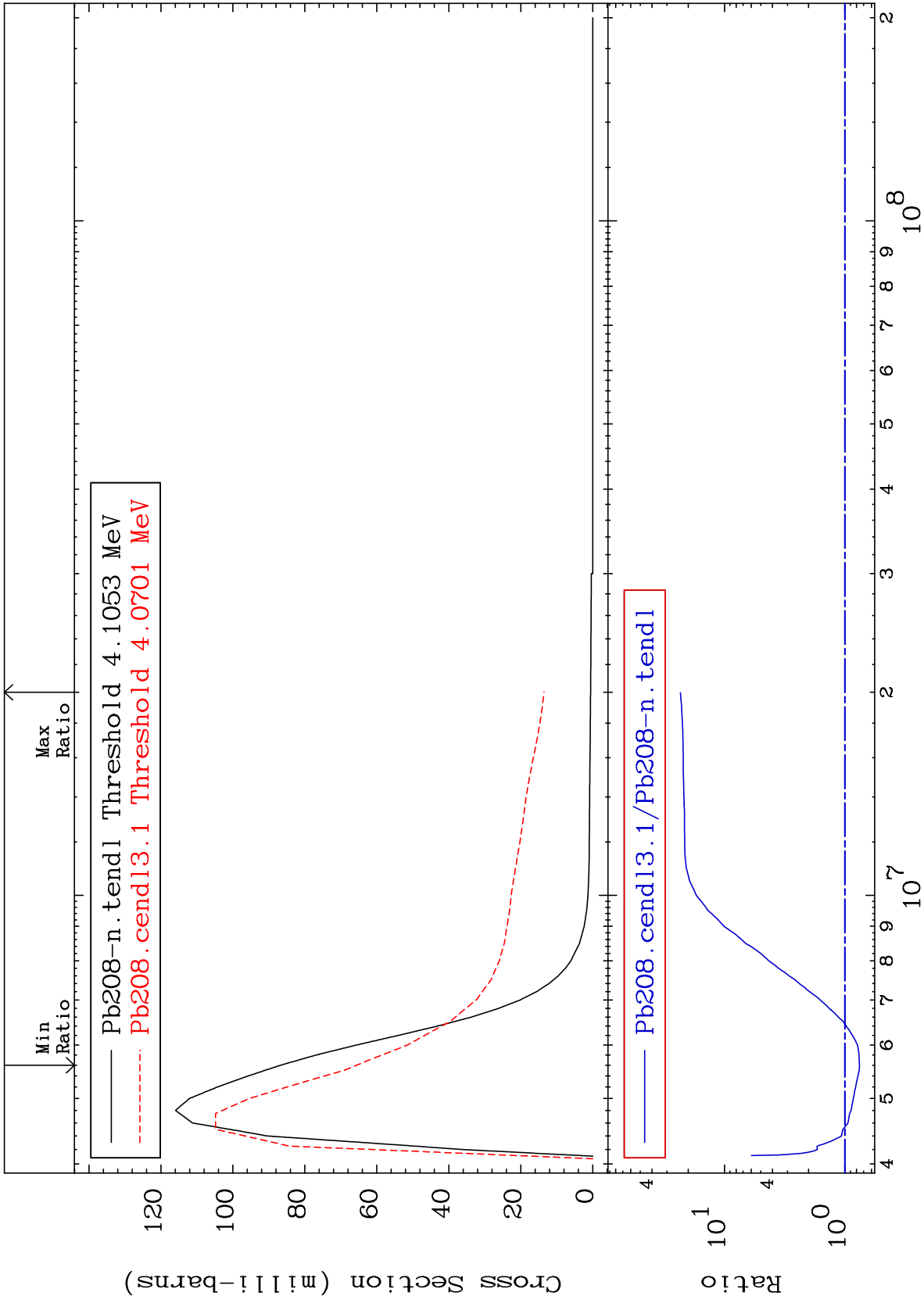
82-Pb-208
-97.02 To 27.33 %



16

Incident Energy (eV)

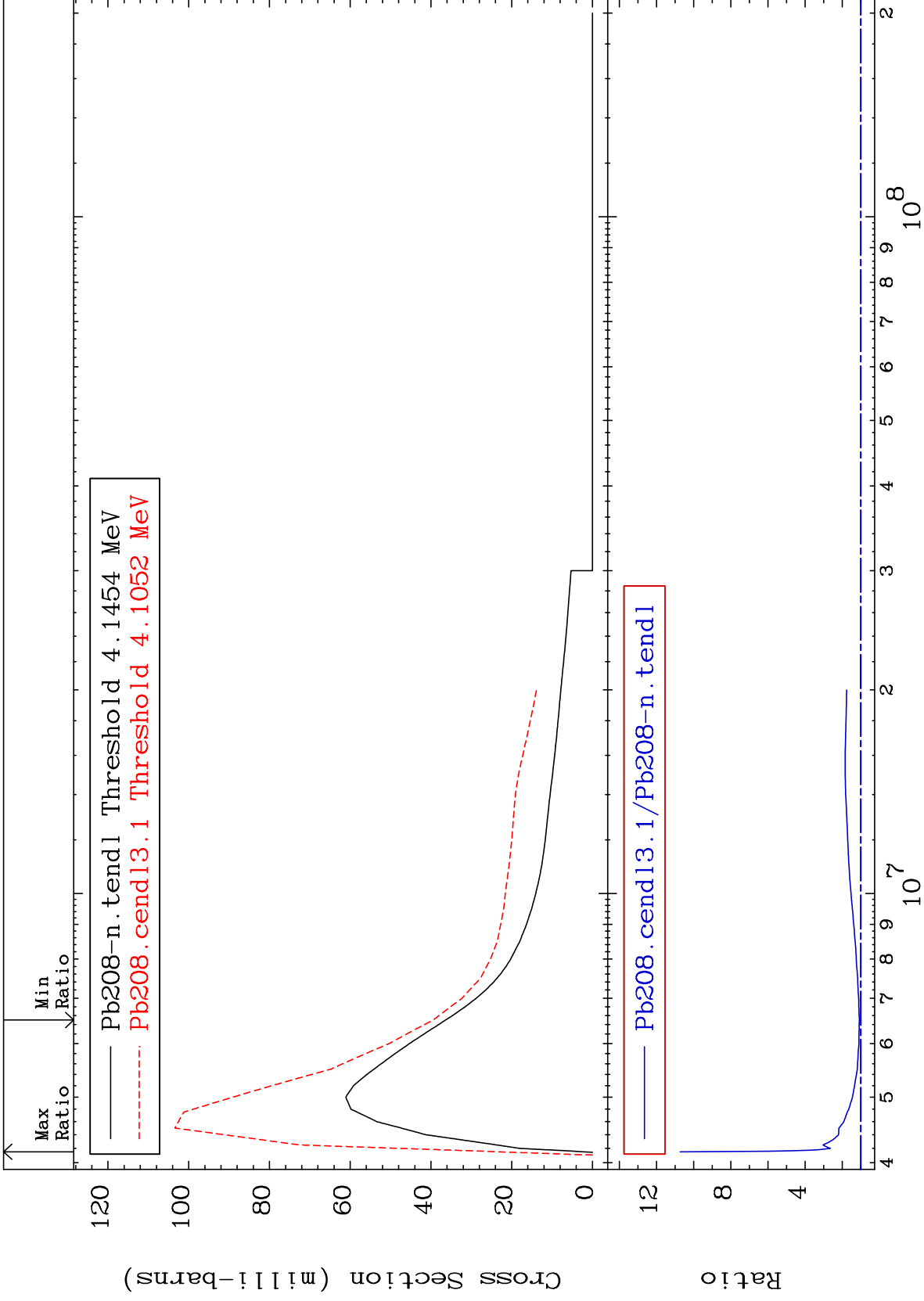
82-Pb-208



MAT 8237

4.125 MeV (n,n') Level
Cross Section

8.389 82-Pb-208
To 972.7 %



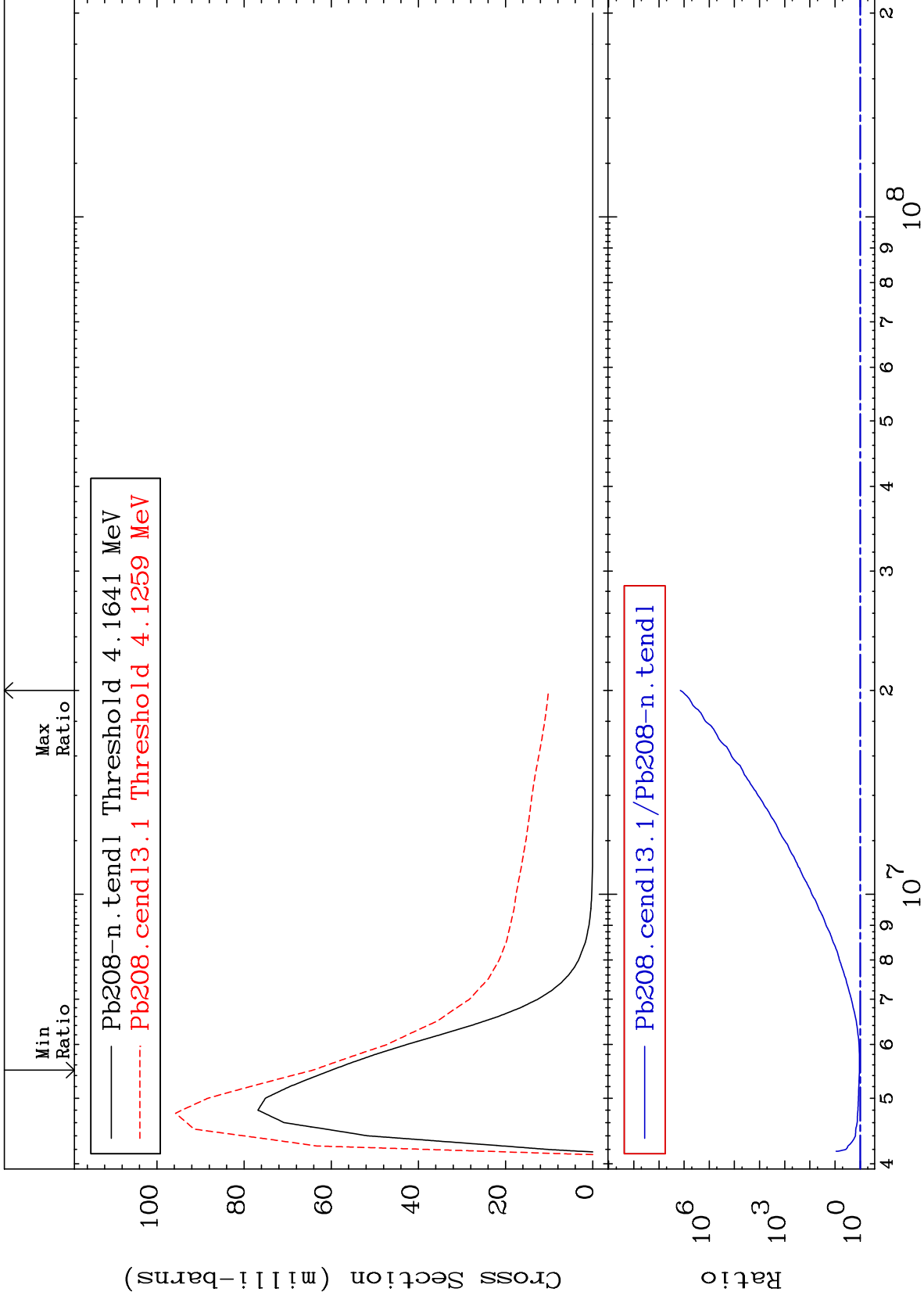
18

82-Pb-208

MAT 8237

4.144 MeV (n,n') Level
Cross Section

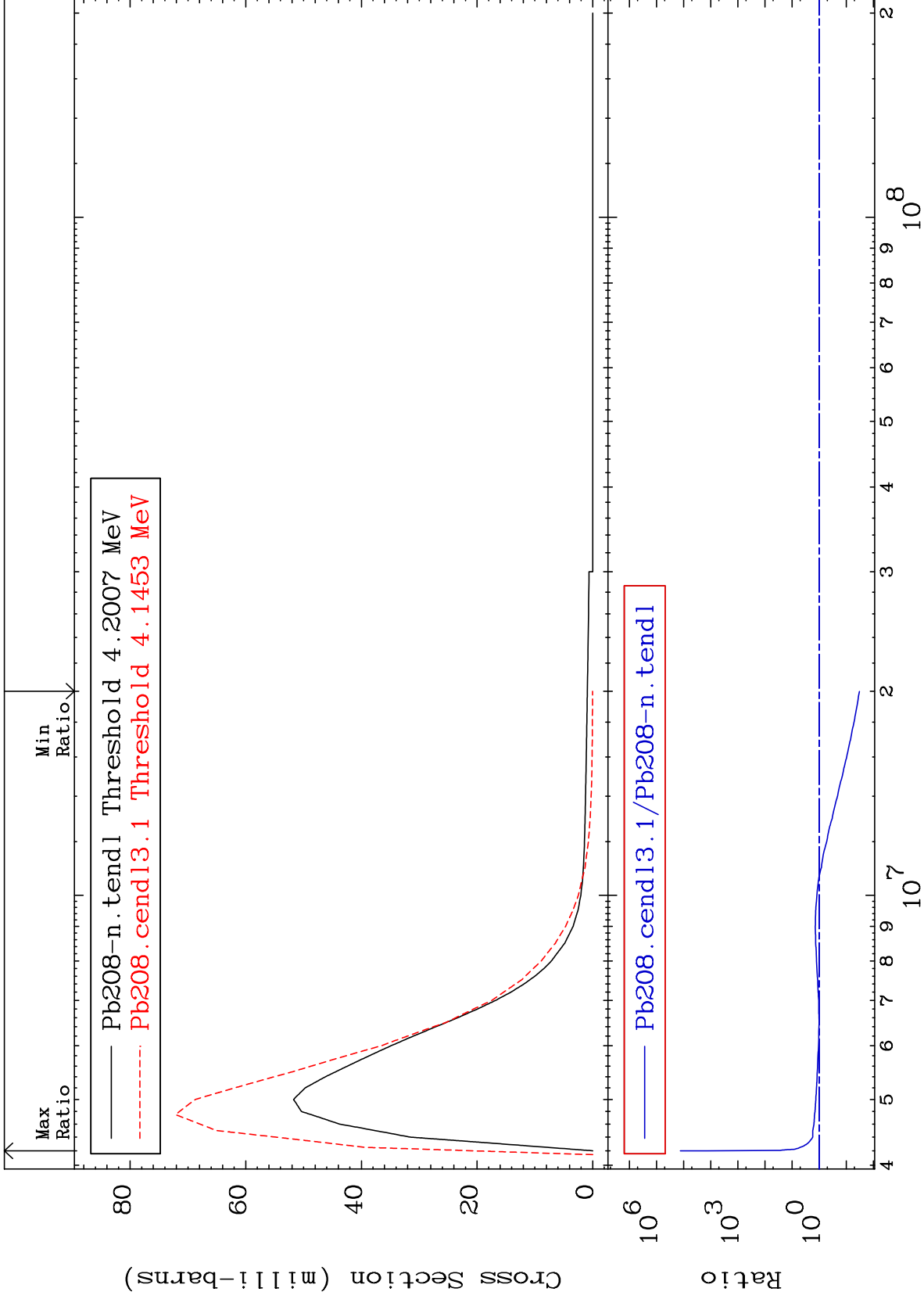
82-Pb-208
To 9999. %
7.080



MAT 8237

4.180 MeV (n,n') Level
Cross Section

82-Pb-208
-96.73 To 9999. %



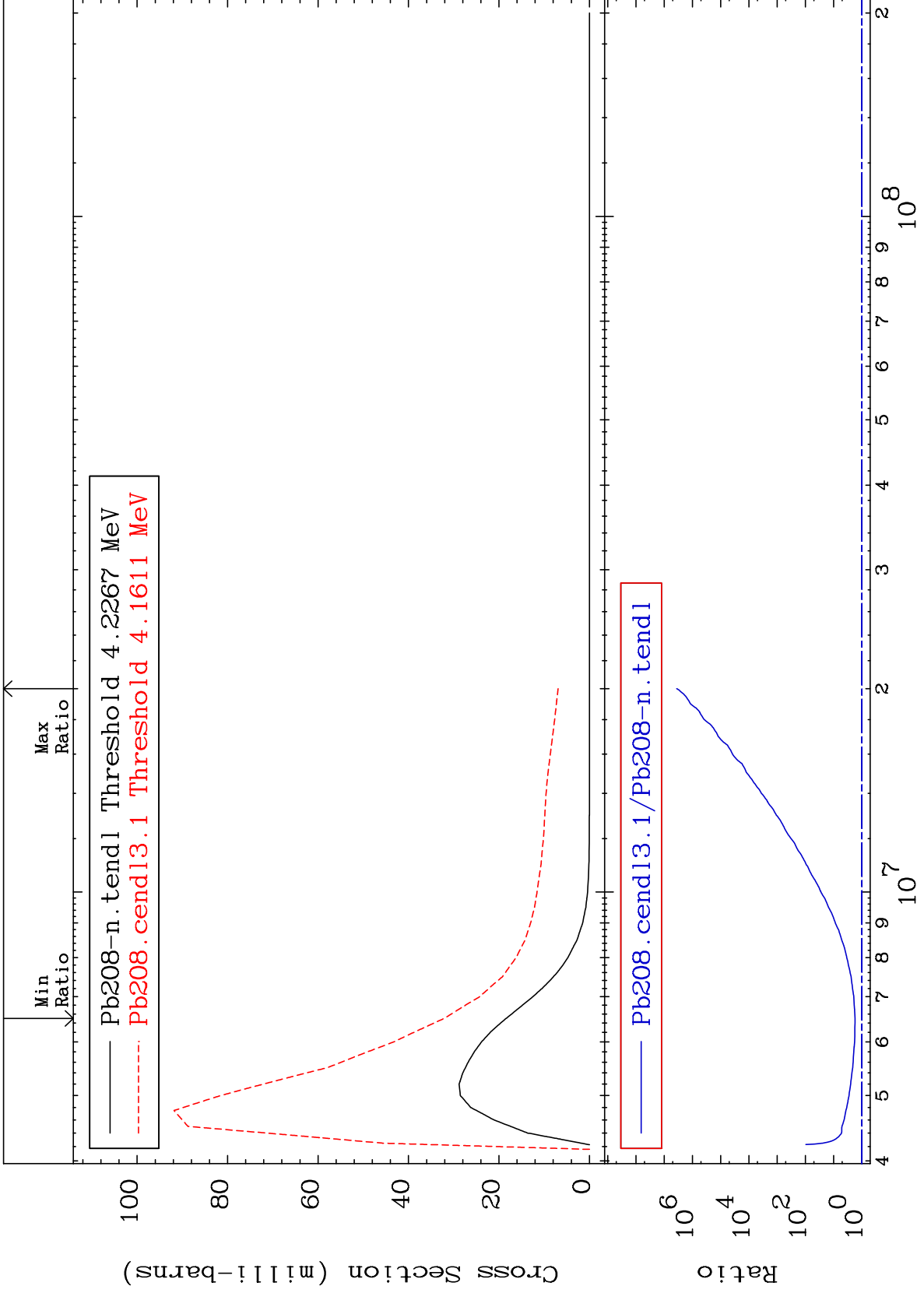
20

82-Pb-208

MAT 8237

4.206 MeV (n,n') Level
Cross Section

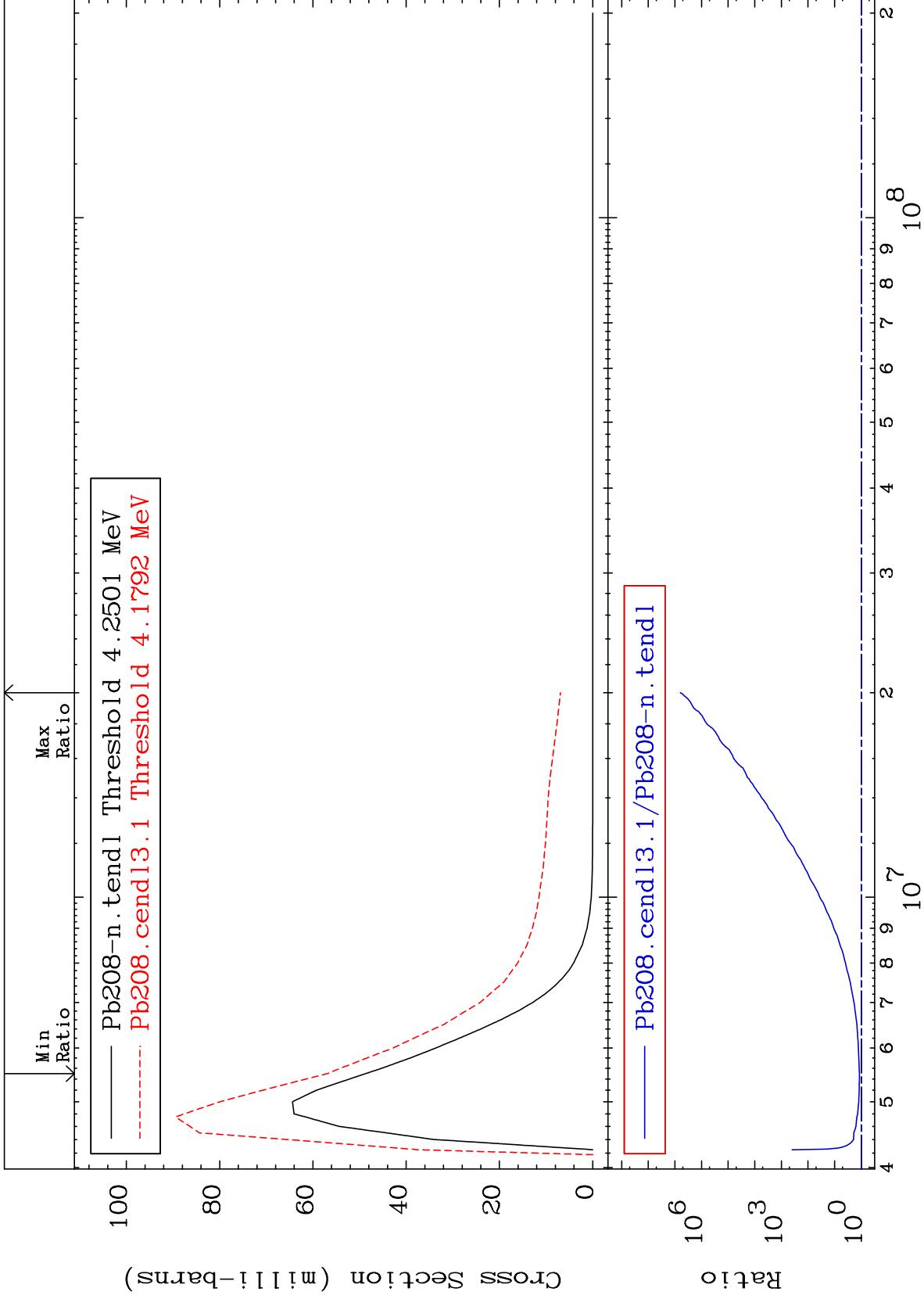
82-Pb-208
74.36 To 9999. %



MAT 8237

4.230 MeV (n,n') Level
Cross Section

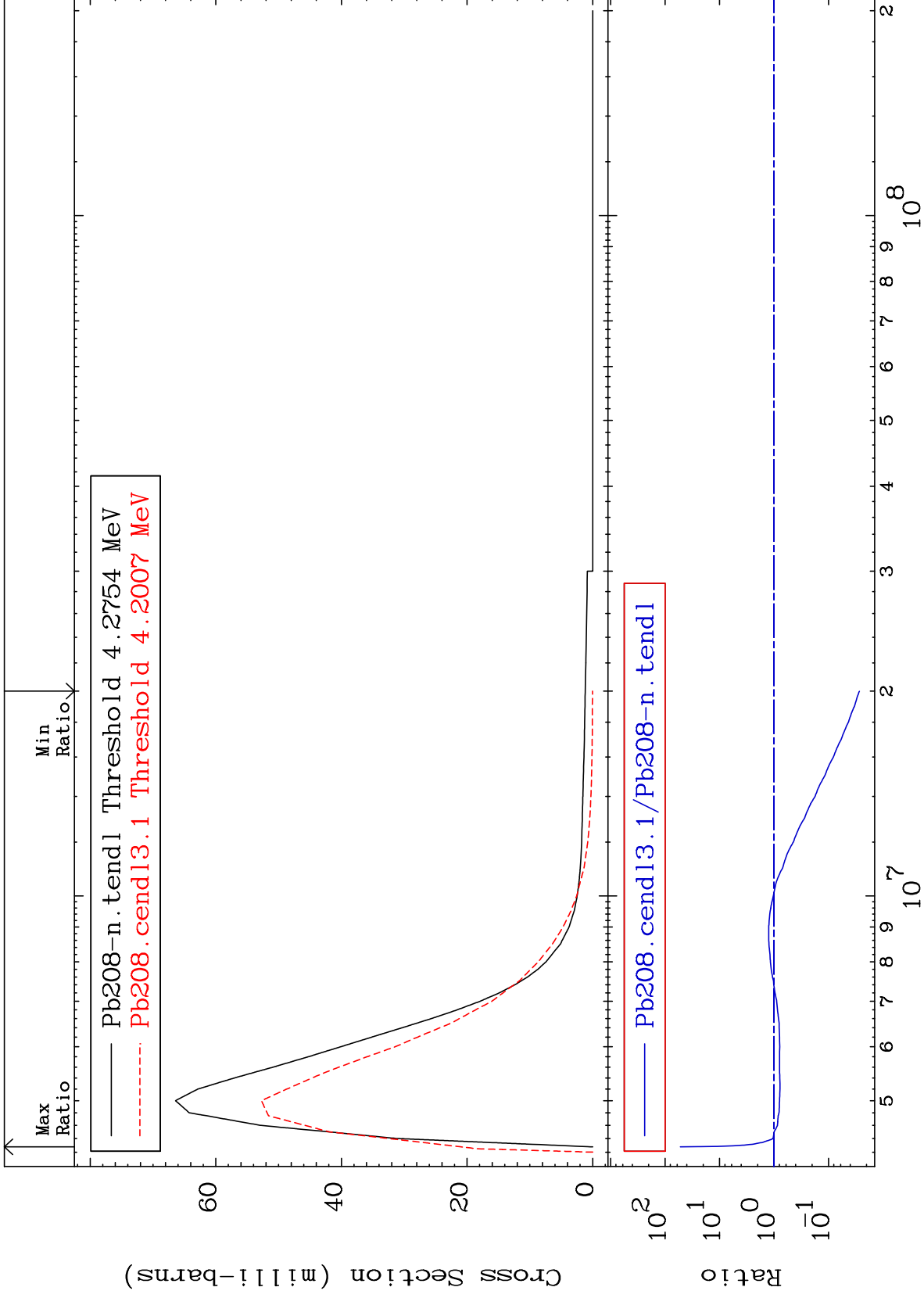
82-Pb-208
16.82 To 9999. %

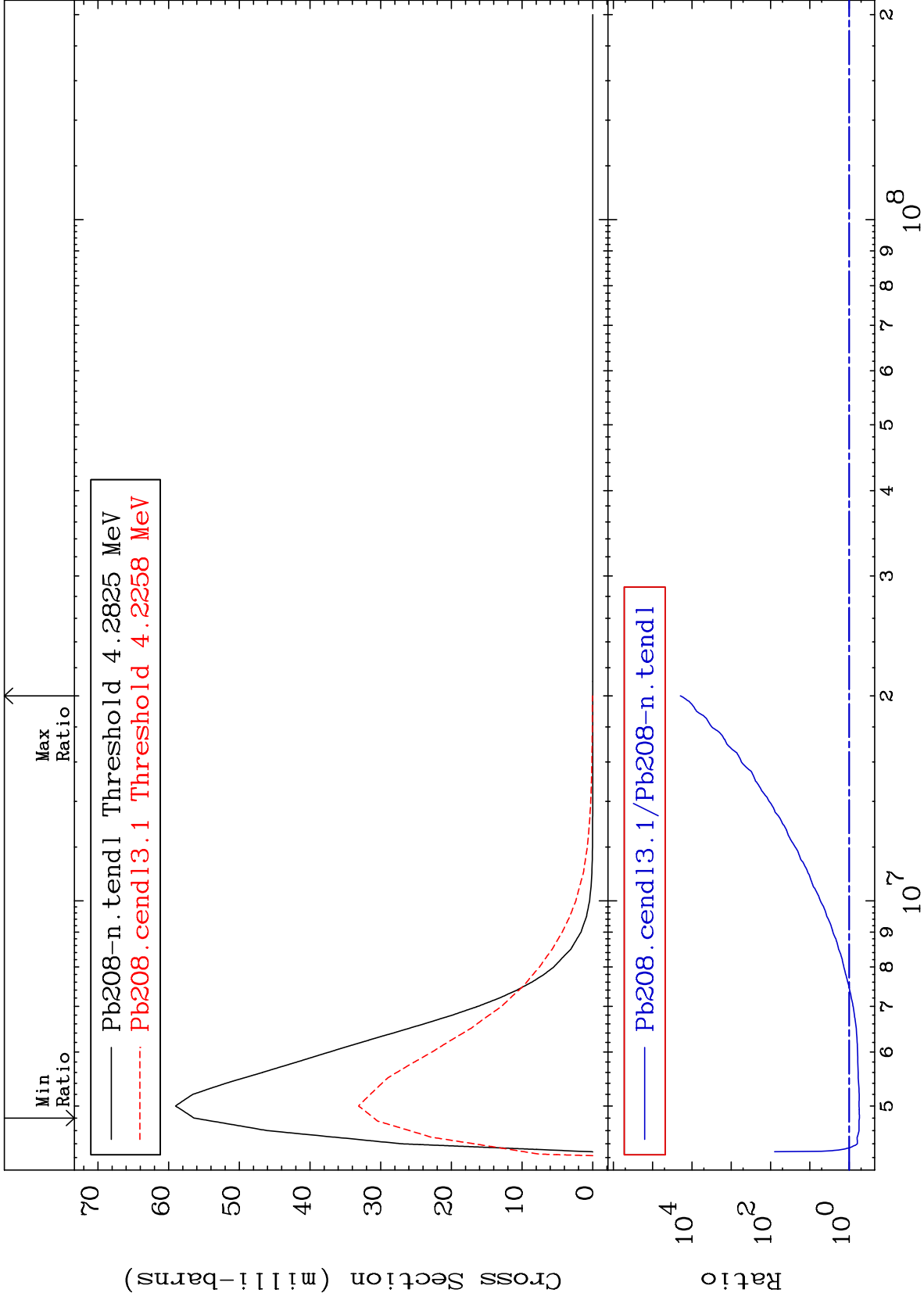


MAT 8237

4.255 MeV (n,n') Level
Cross Section

82-Pb-208
-97.30 To 5146. %

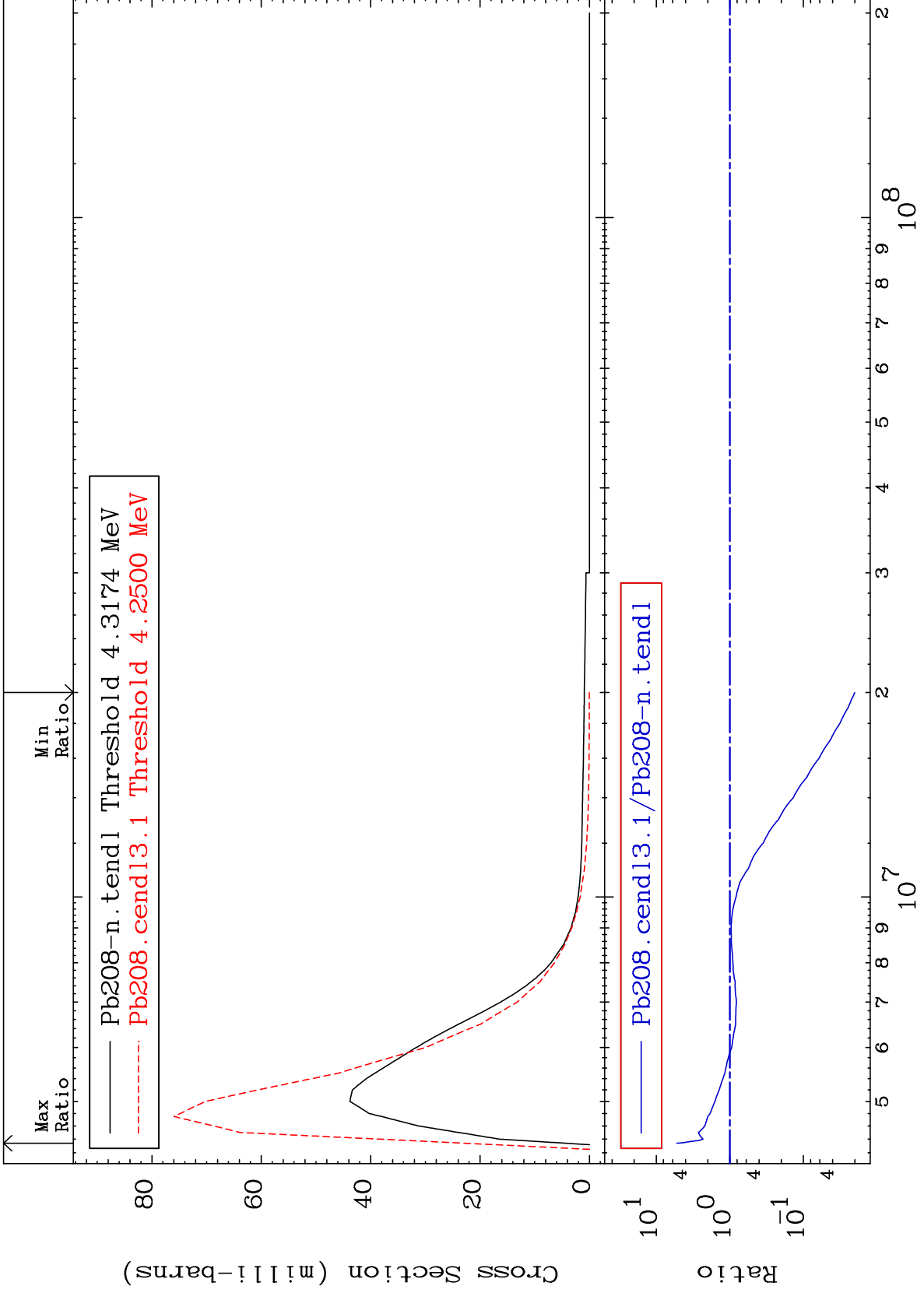


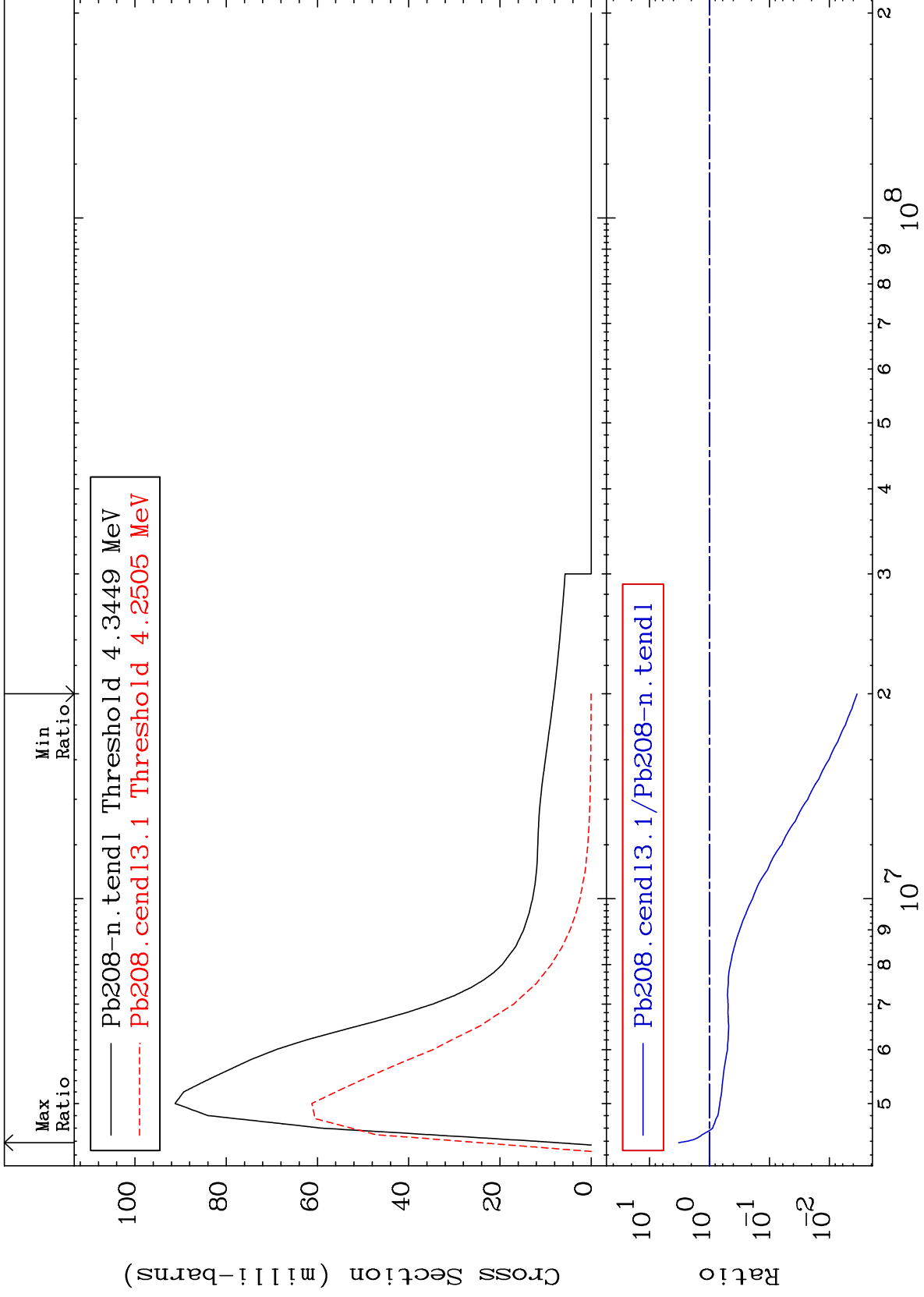


MAT 8237

4.297 MeV (n,n') Level
Cross Section

82-Pb-208
-98.01 To 428.3 %

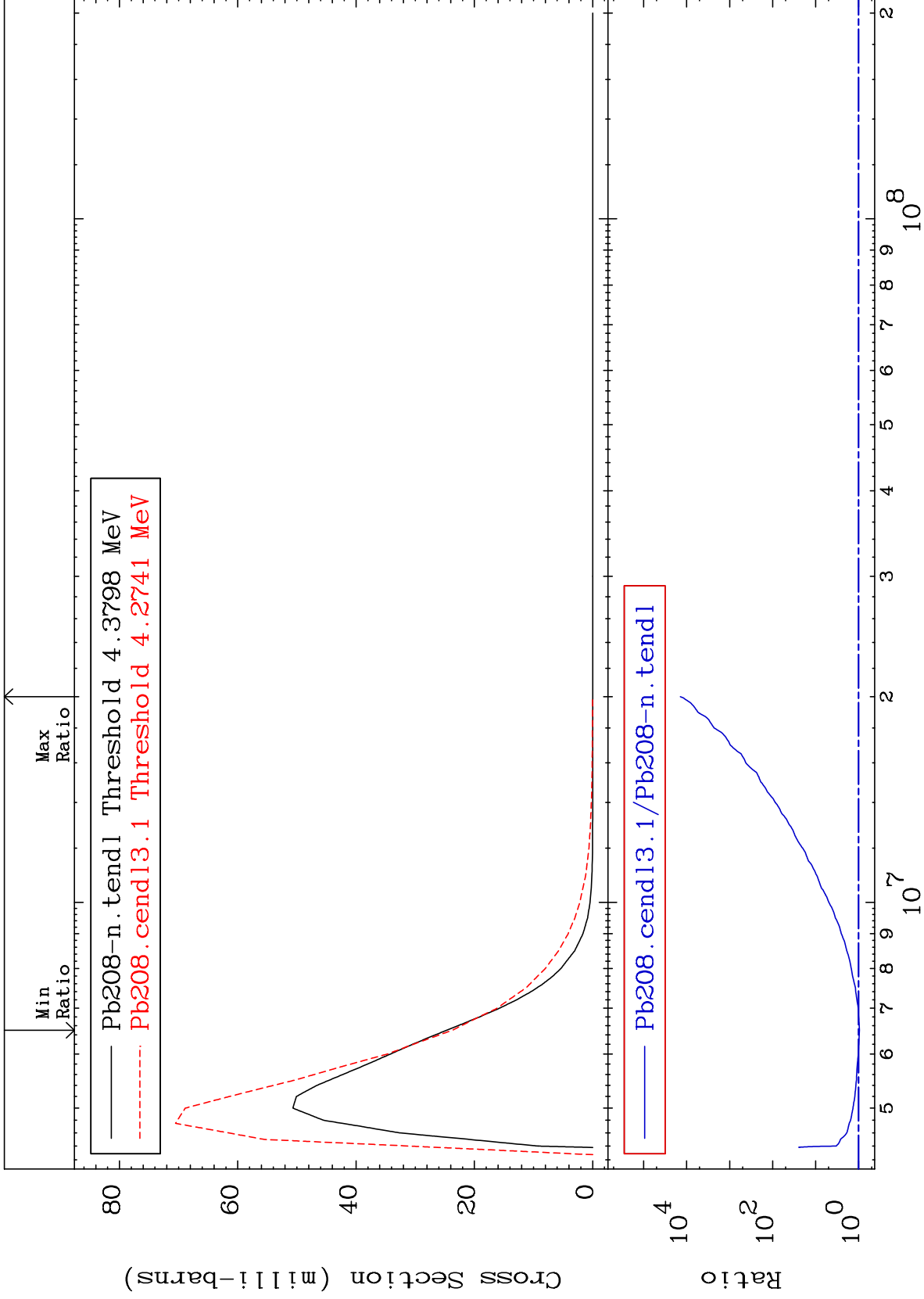




MAT 8237

4.359 MeV (n,n') Level
Cross Section

82-Pb-208
-3.908 To 9999. %



27

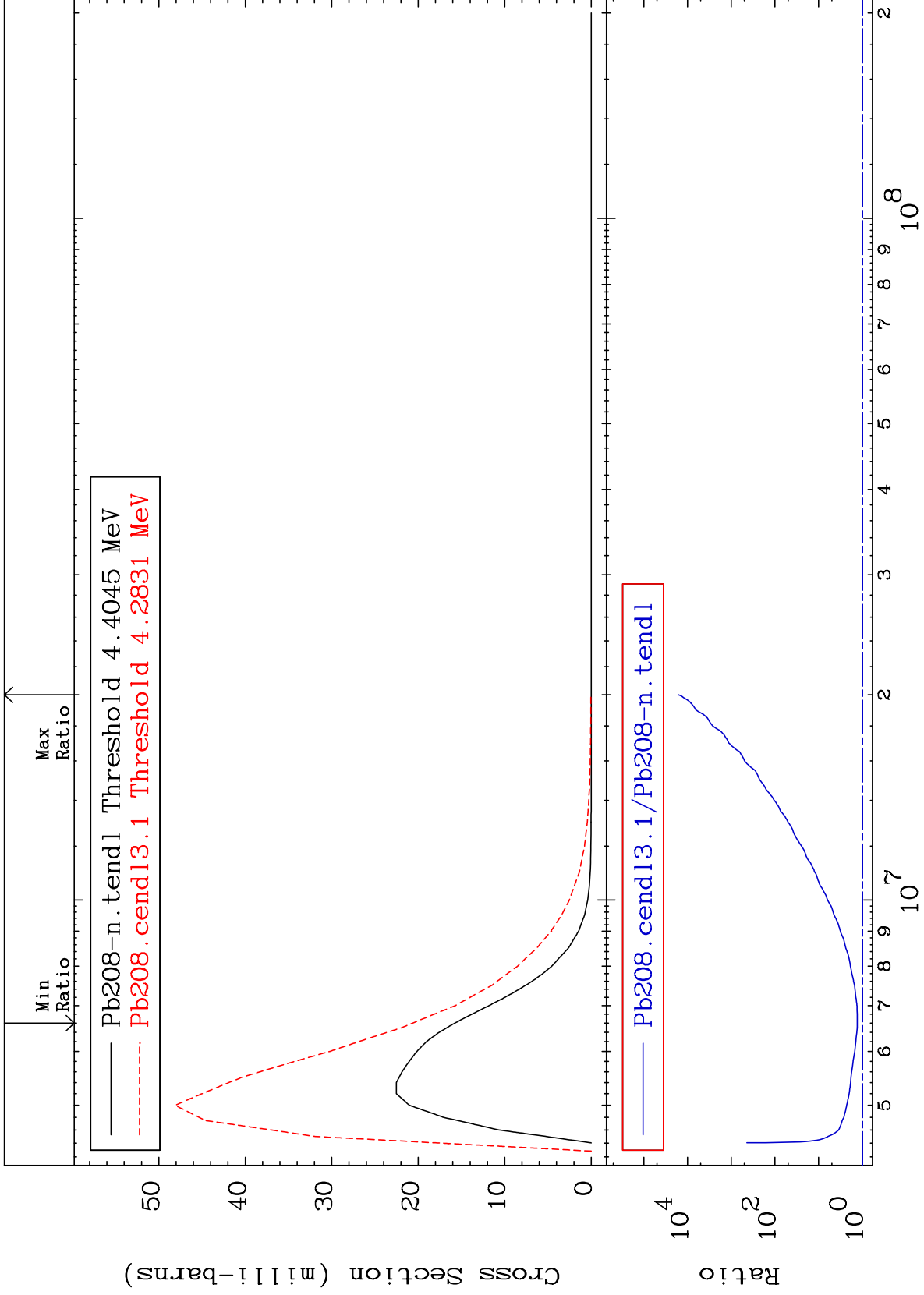
Incident Energy (eV)

82-Pb-208

MAT 8237

4.383 MeV (n,n') Level
Cross Section

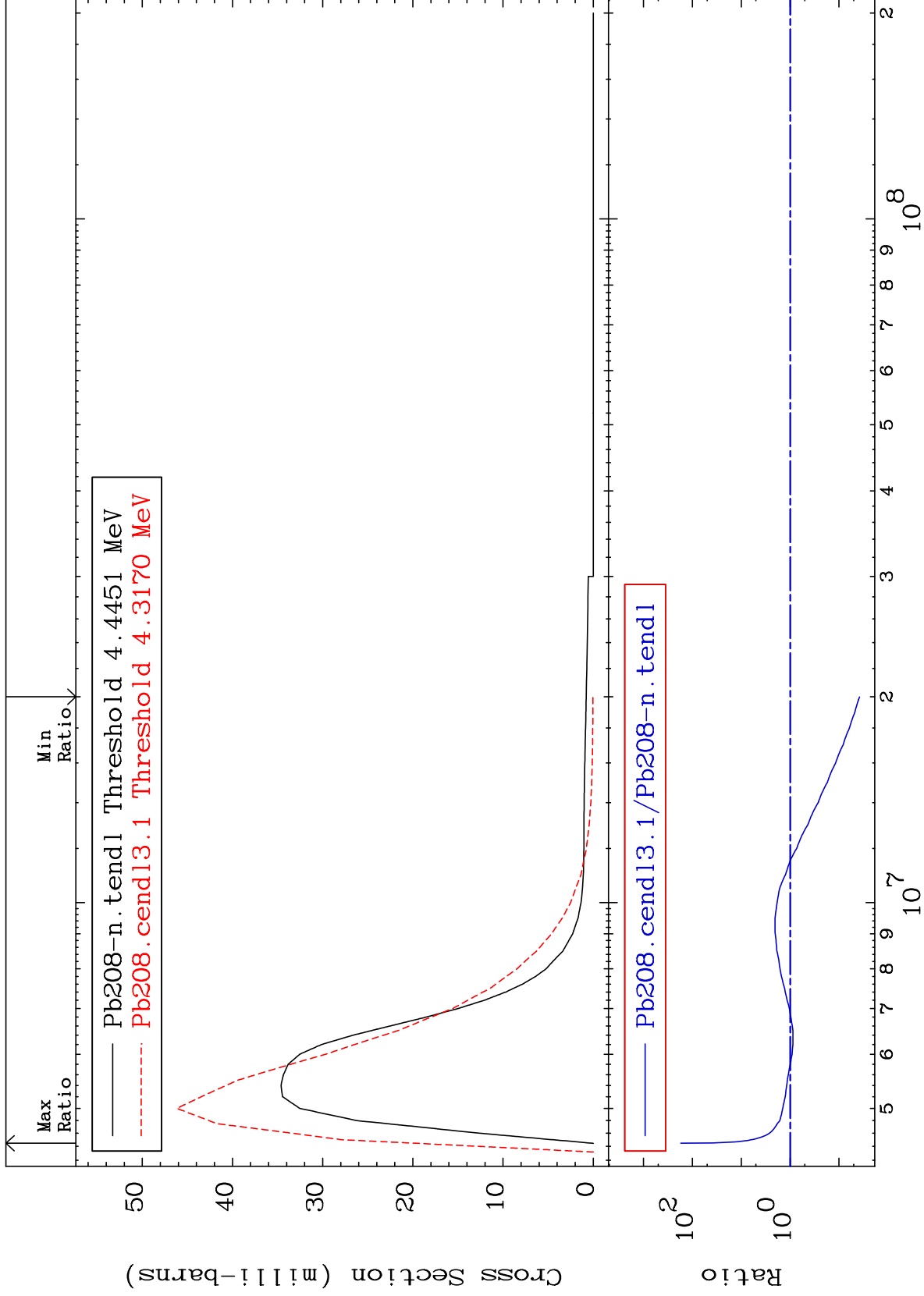
82-Pb-208
To 9999. %
30.91



MAT 8237

4.424 MeV (n,n') Level
Cross Section

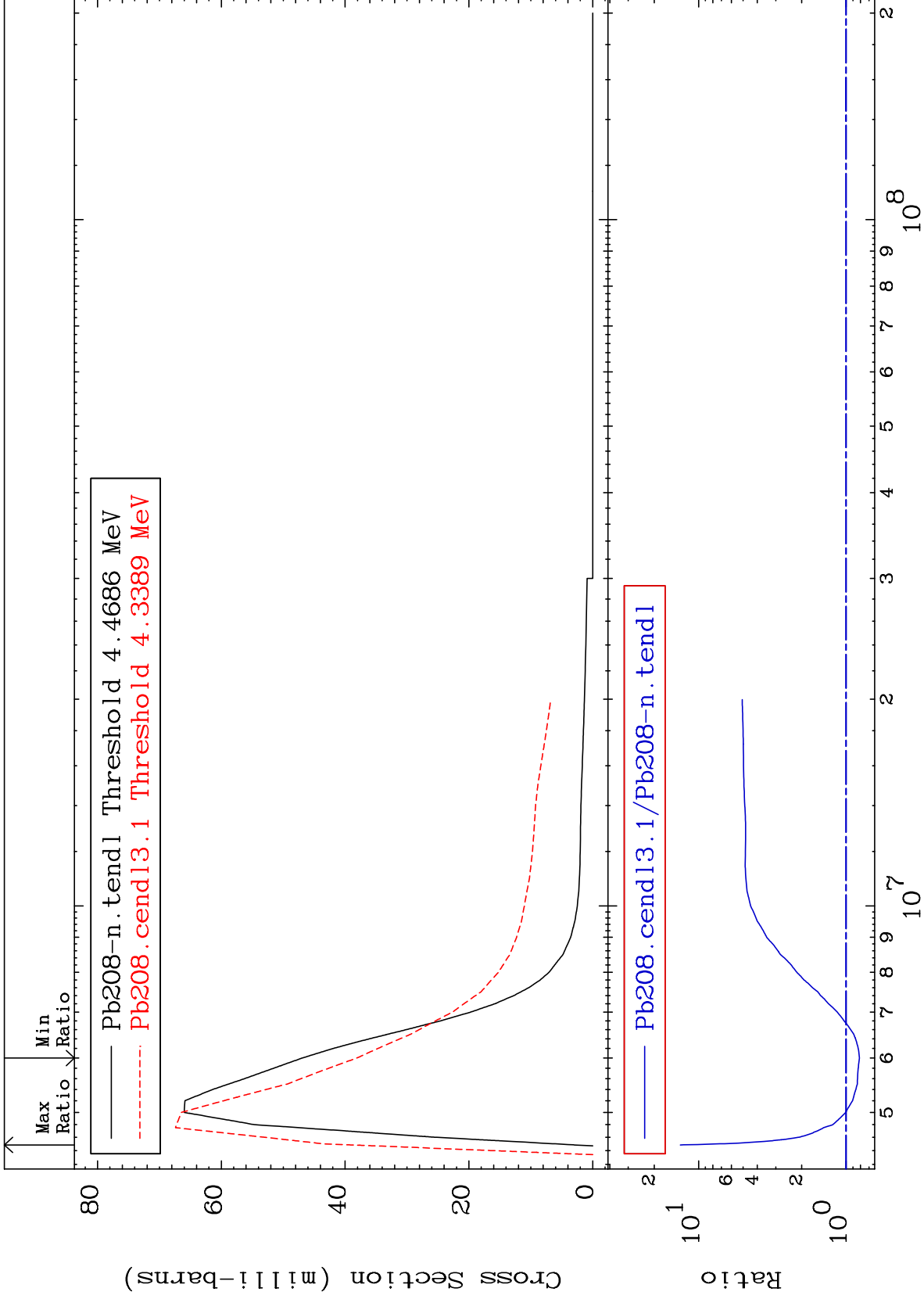
82-Pb-208
-96.20 To 9999. %



MAT 8237

4.447 MeV (n,n') Level
Cross Section

82-Pb-208
-18.77 To 1230. %



30

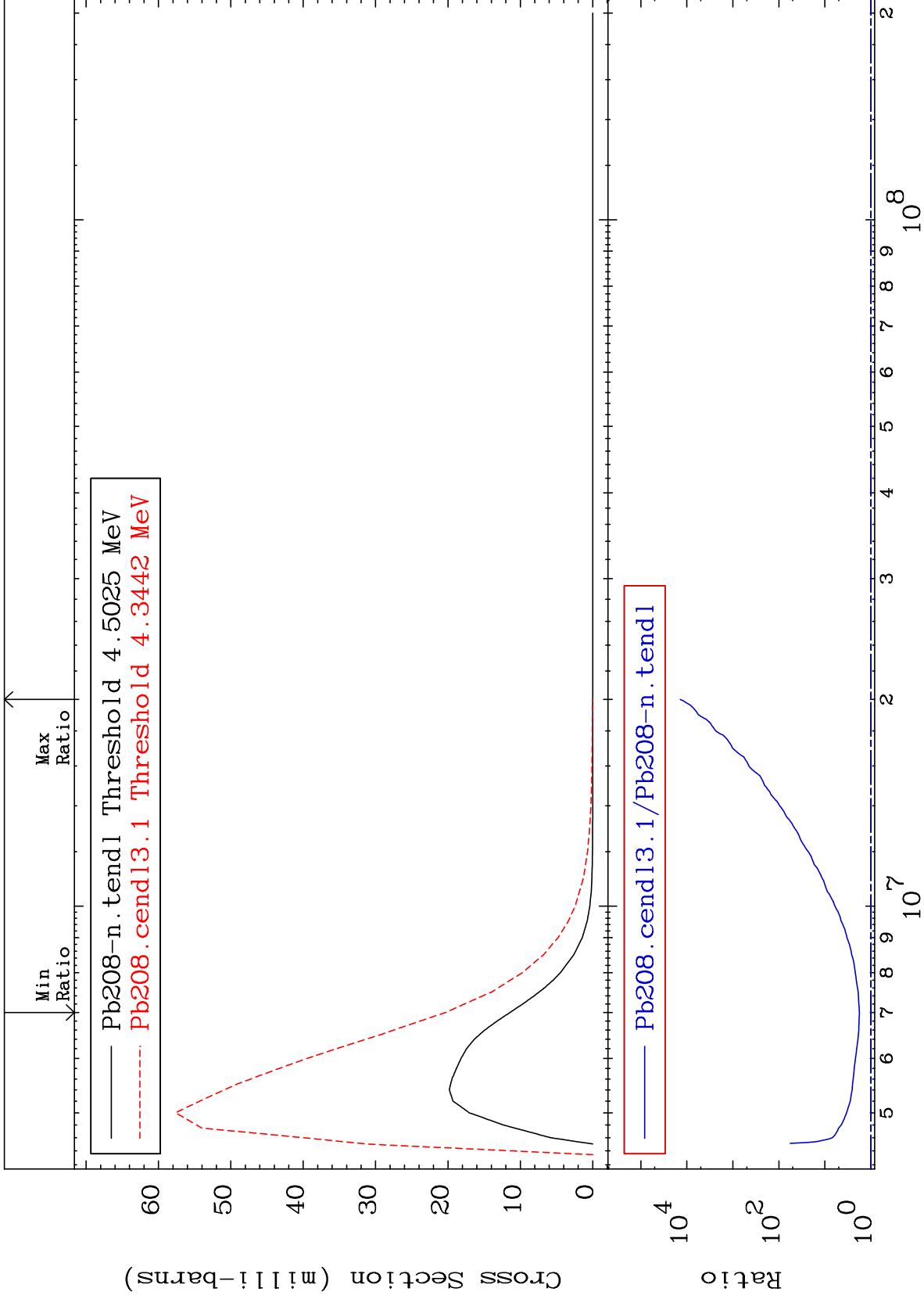
Incident Energy (eV)

82-Pb-208

MAT 8237

4.481 MeV (n,n') Level
Cross Section

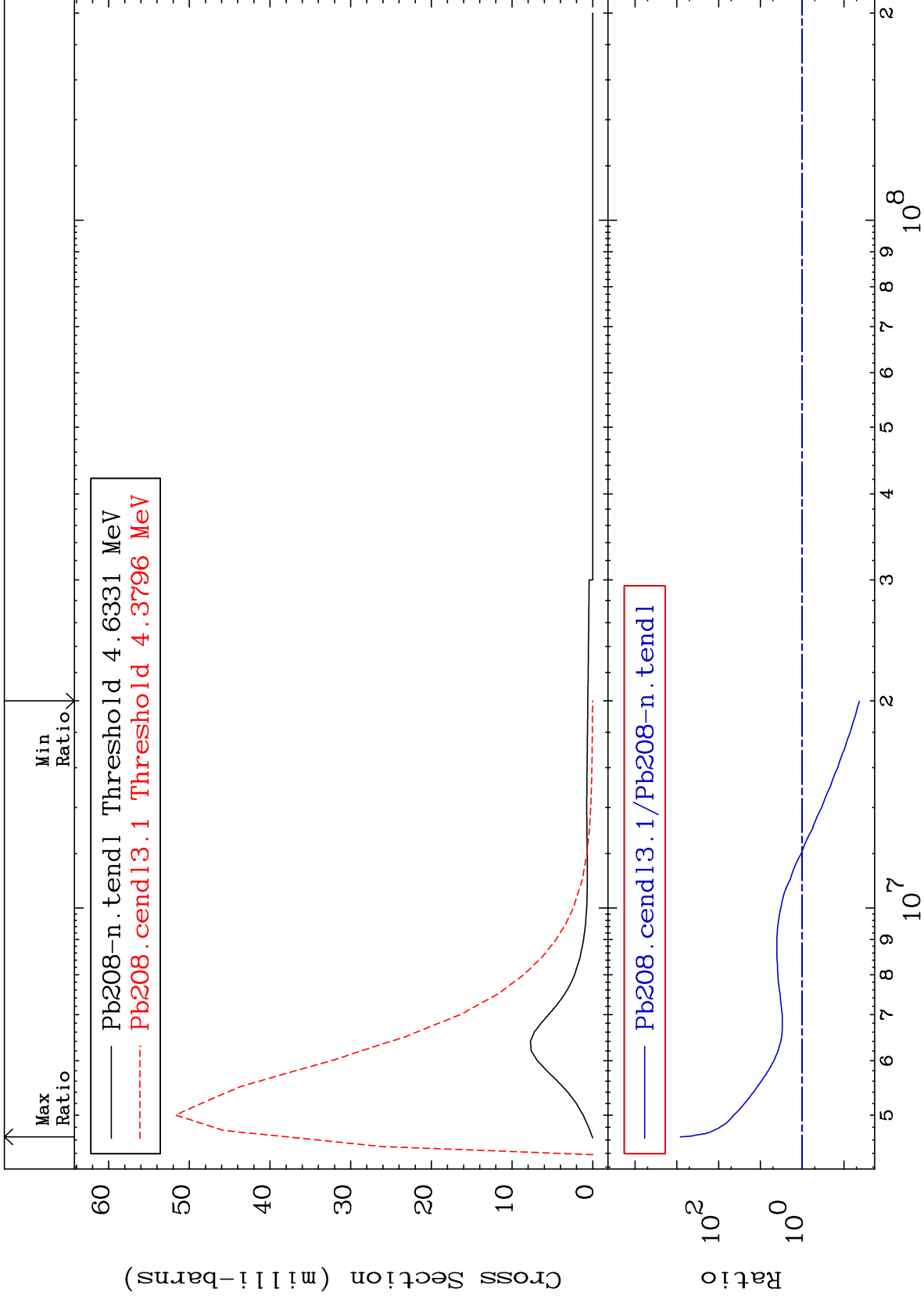
82-Pb-208
77.72 To 9999. %

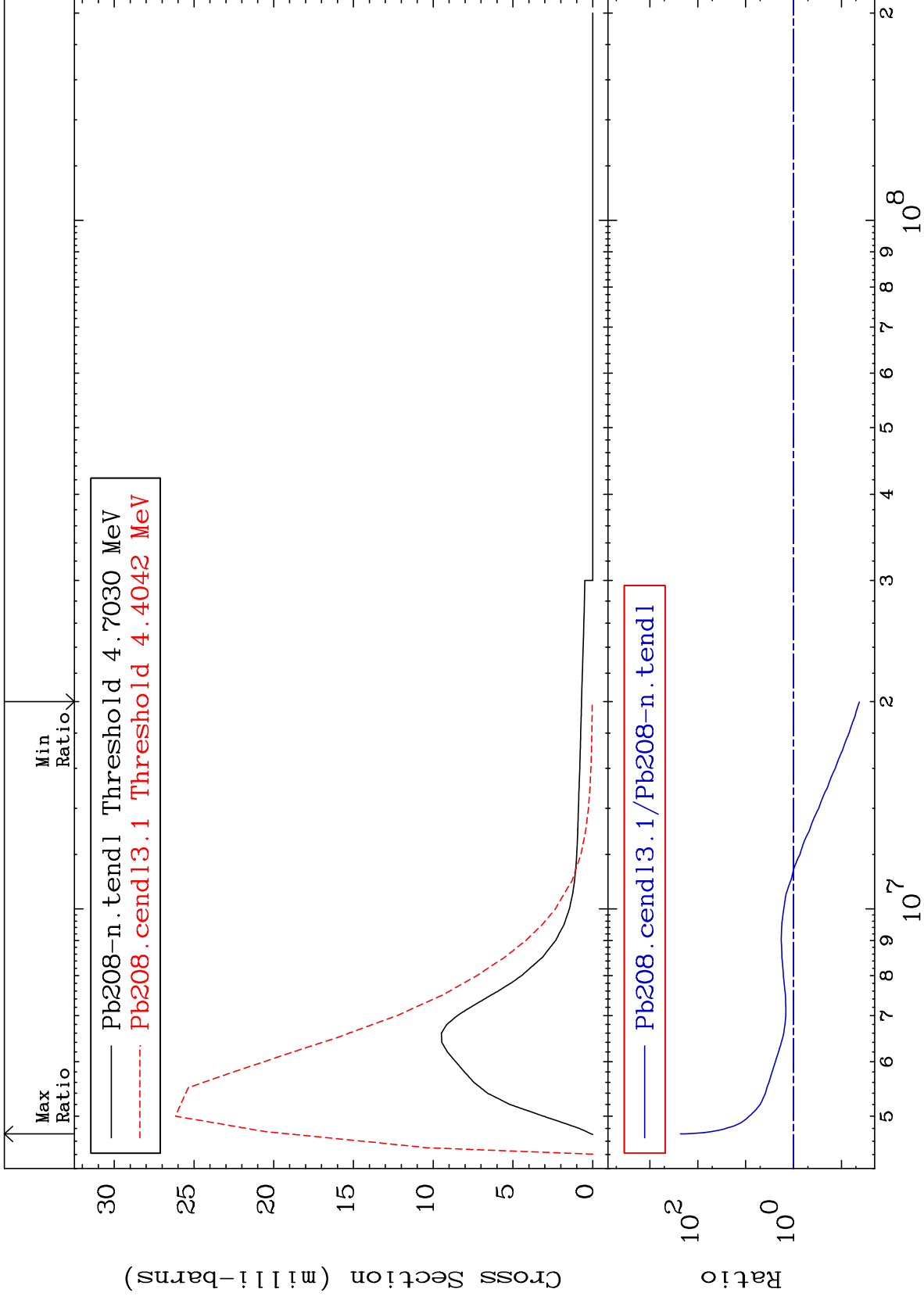


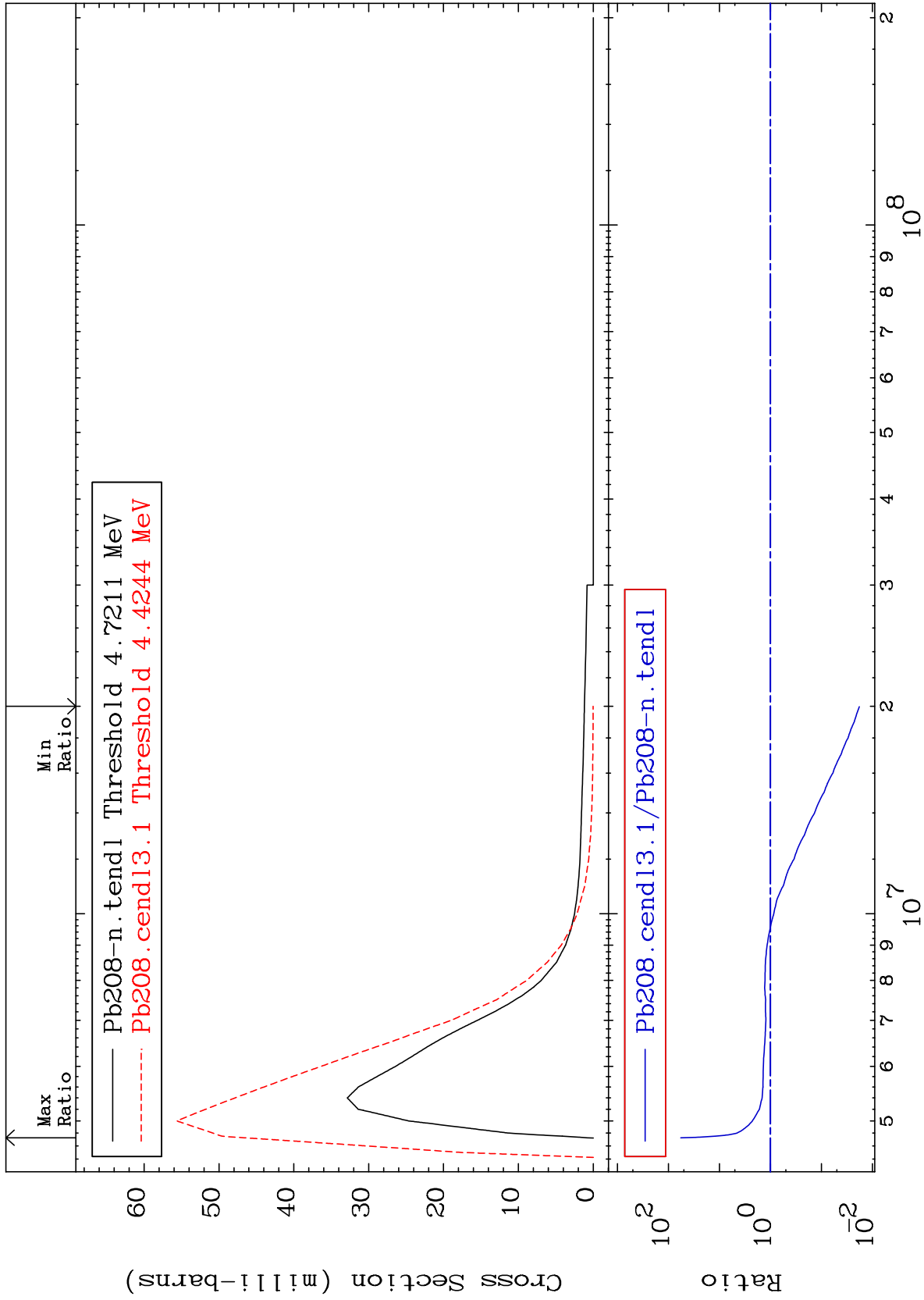
MAT 8237

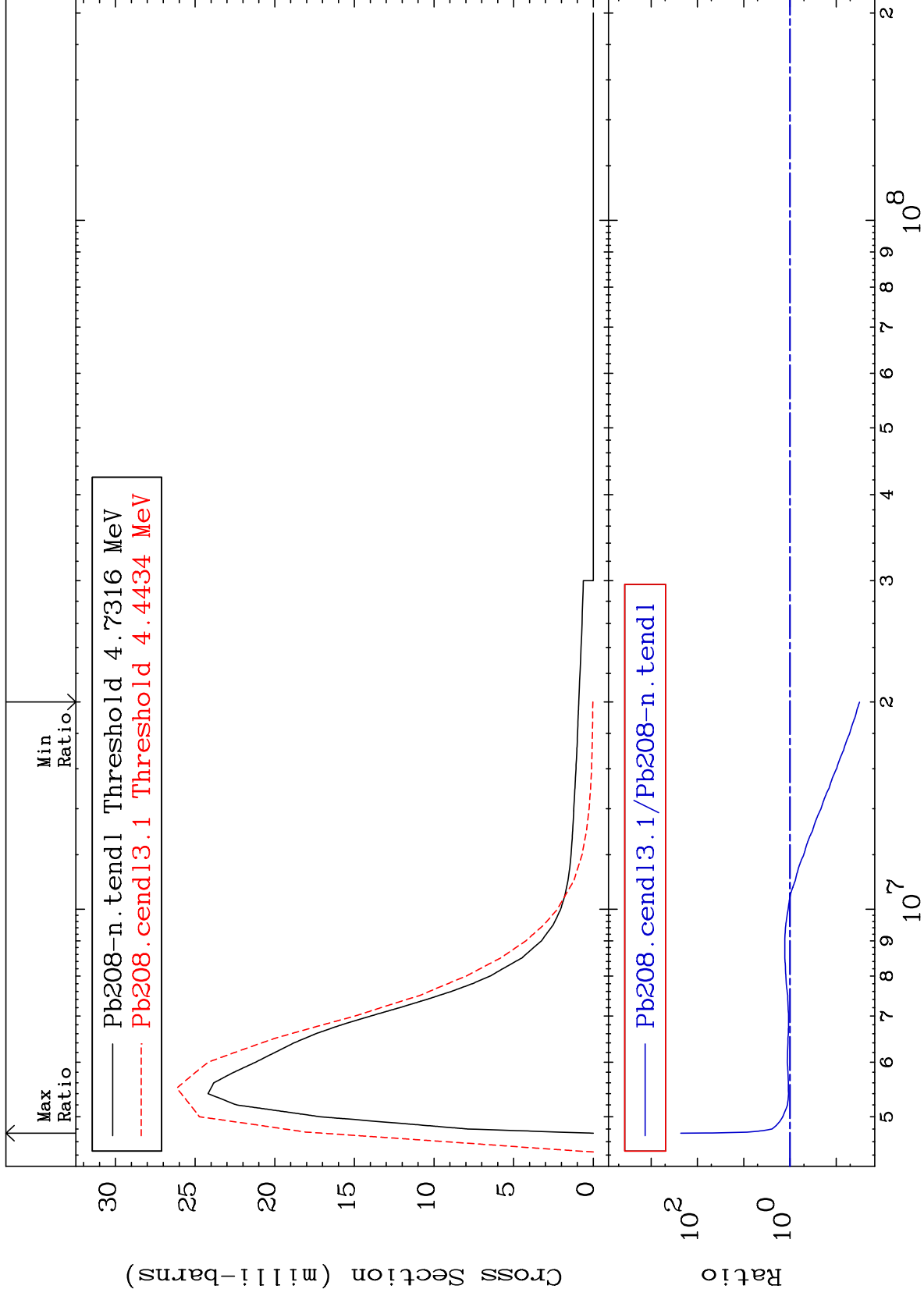
4.611 MeV (n,n') Level
Cross Section

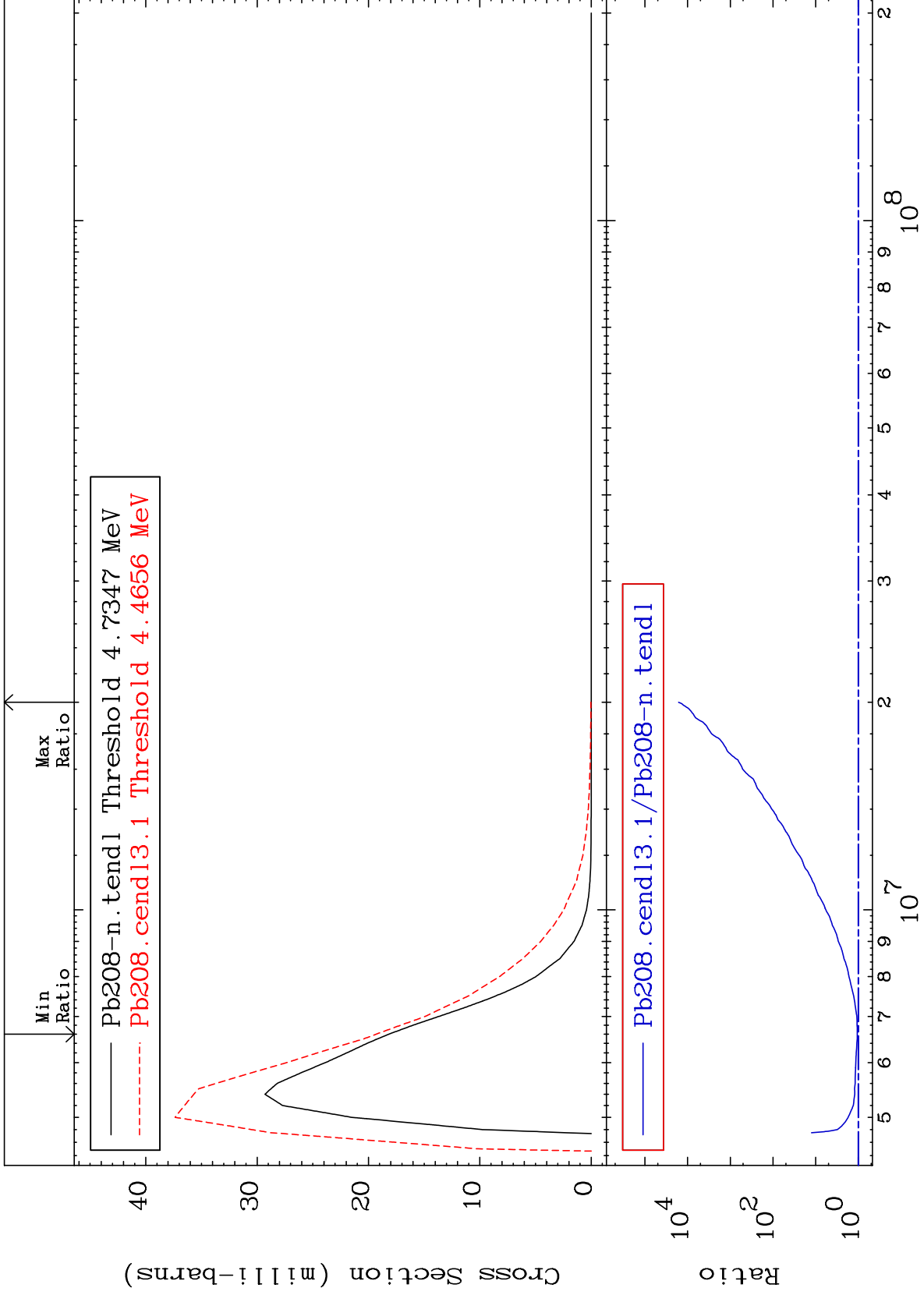
82-Pb-208
-95.74 To 9999. %

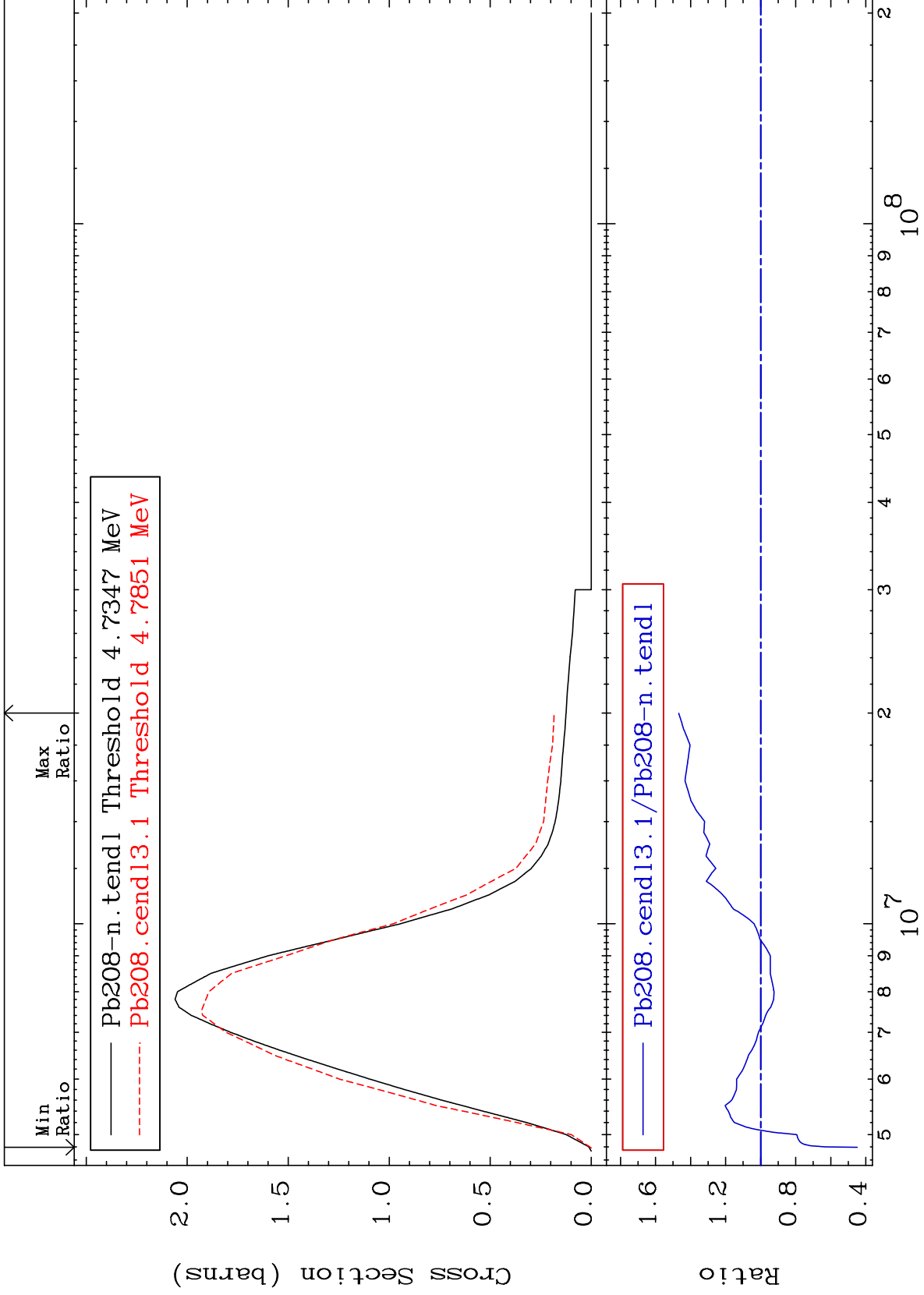


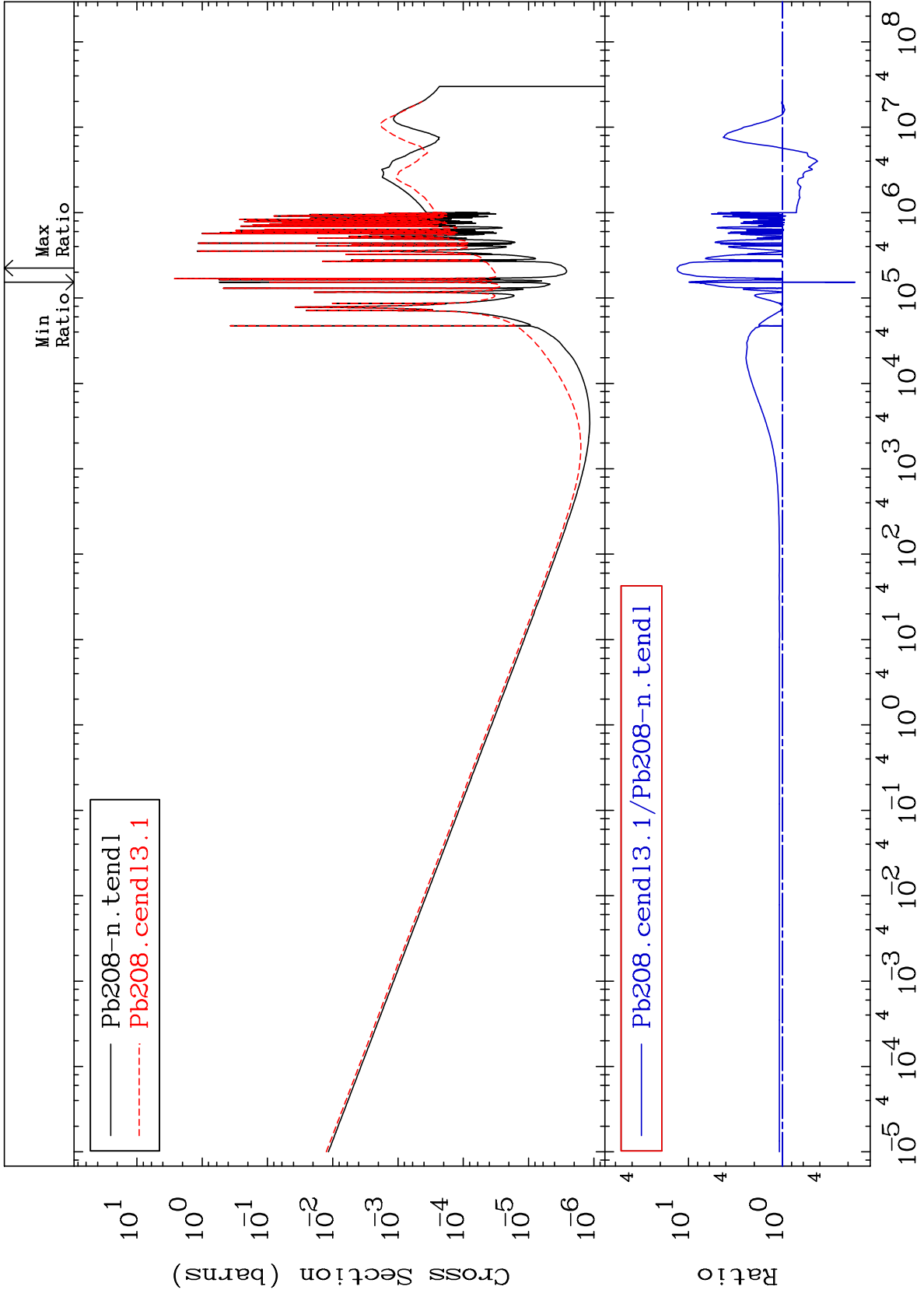


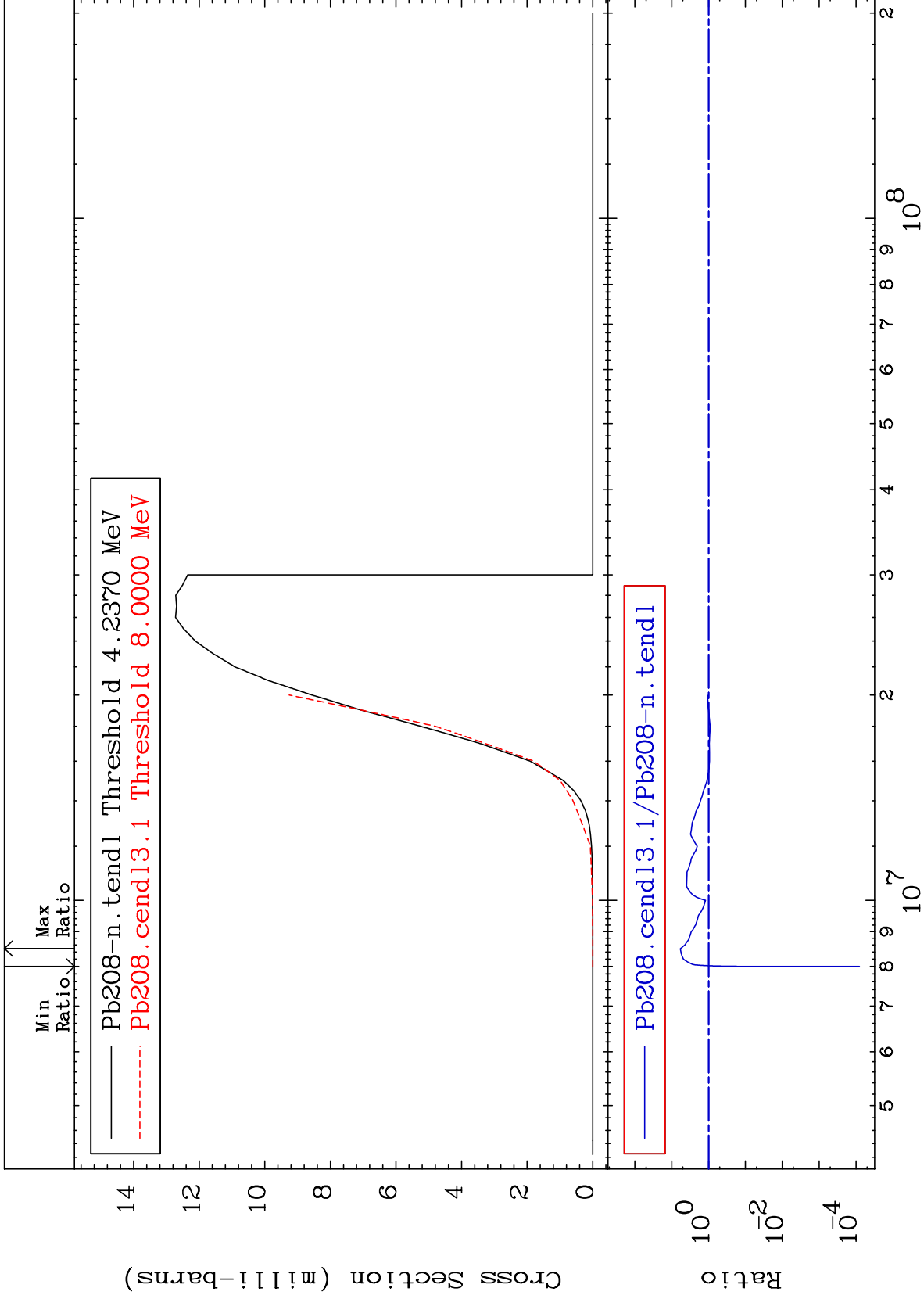








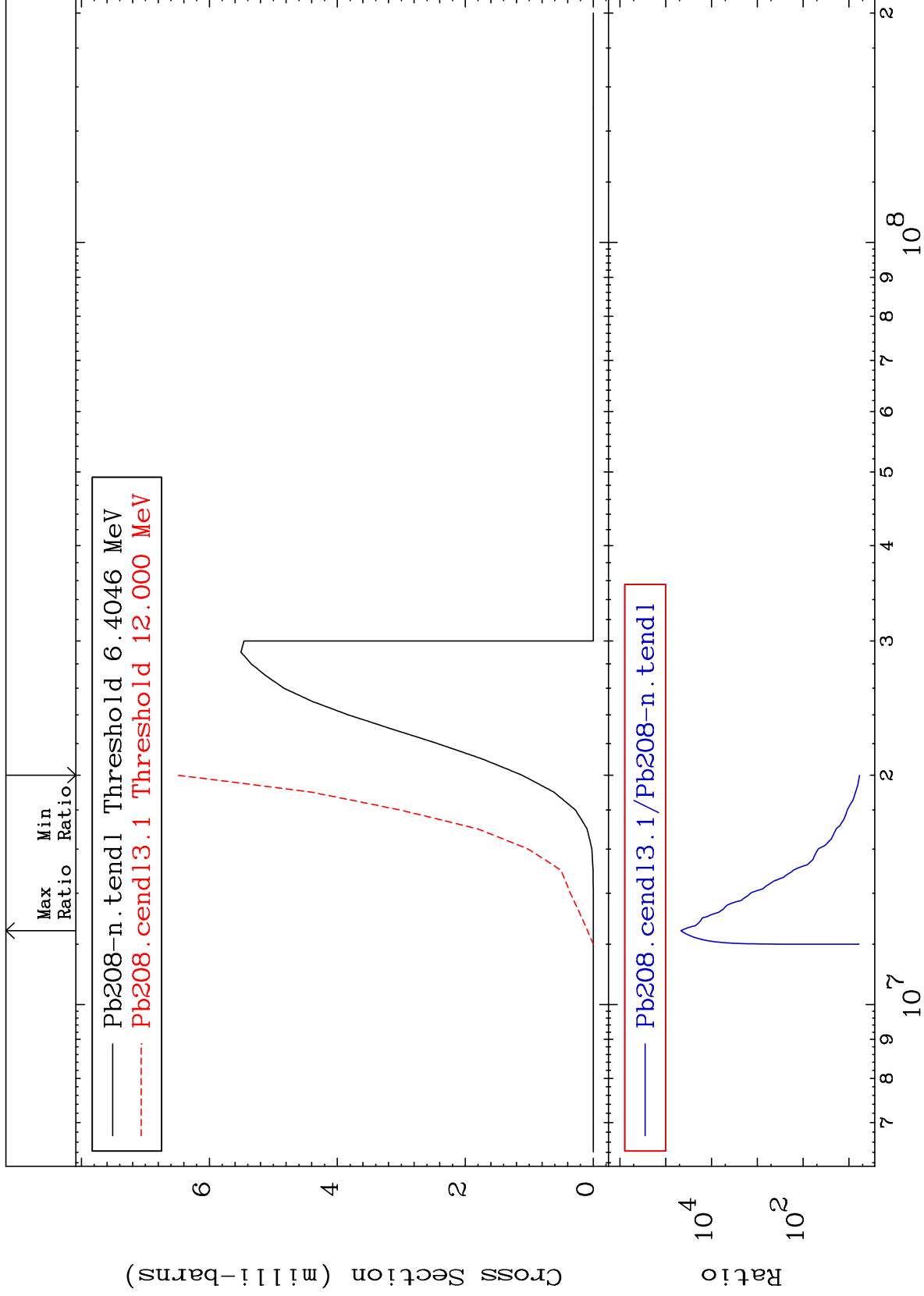




MAT 8237

(n, t)
Cross Section

82-Pb-208
483.2 To 9999. %



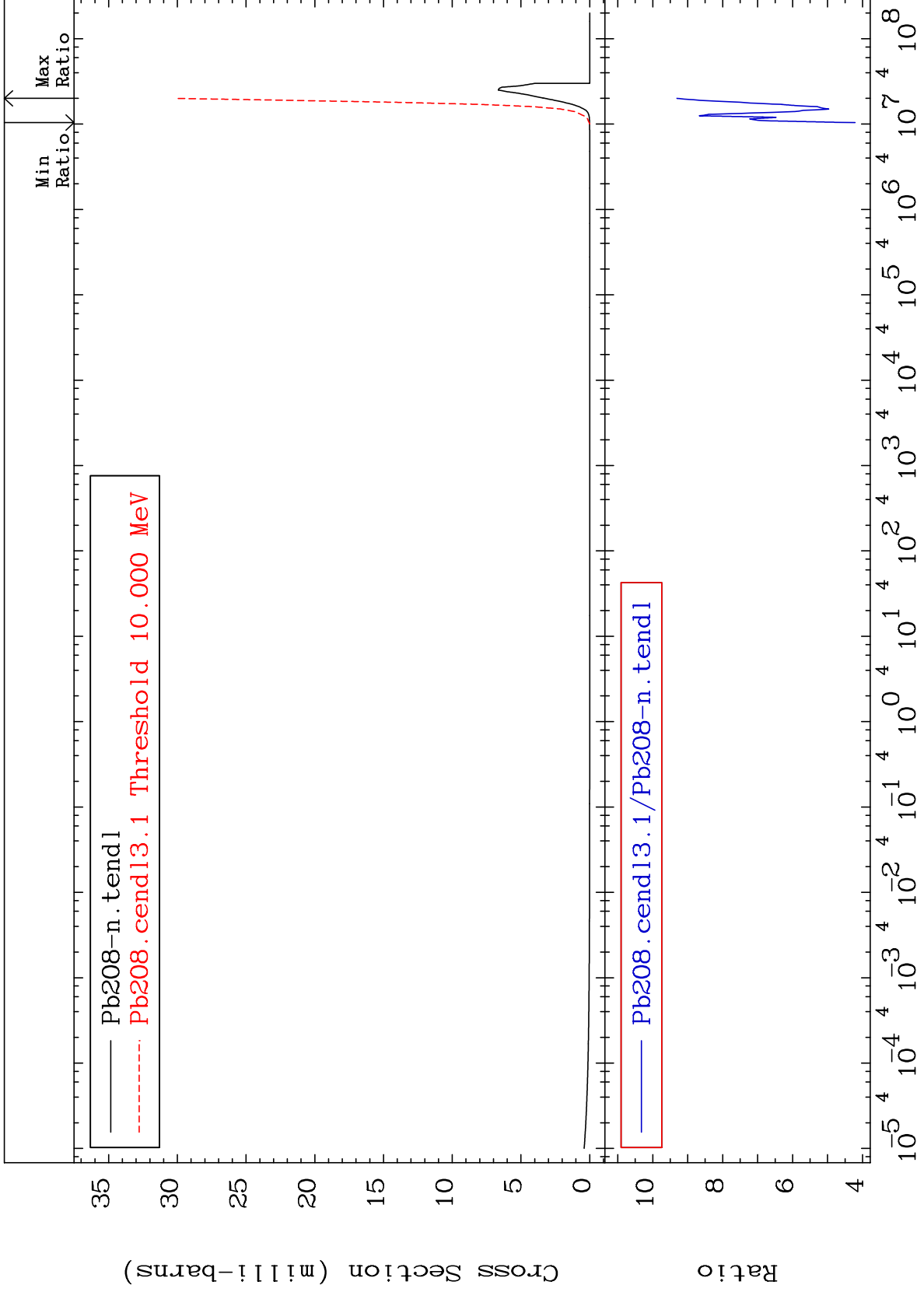
40

82-Pb-208

MAT 8237

(n, α)
Cross Section

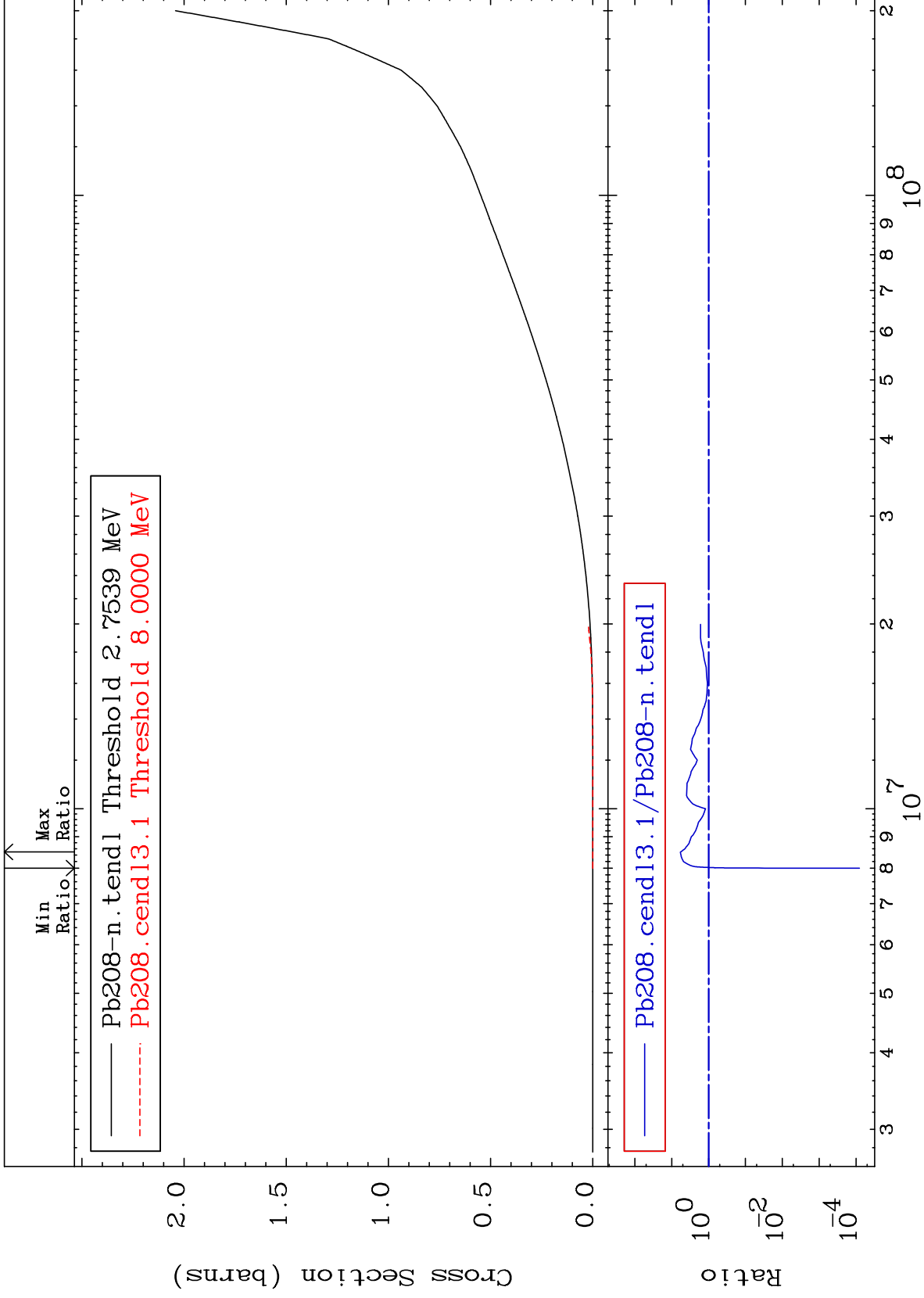
82-Pb-208
321.3 To 830.8 %



MAT 8237

Hydrogen Production
Cross Section

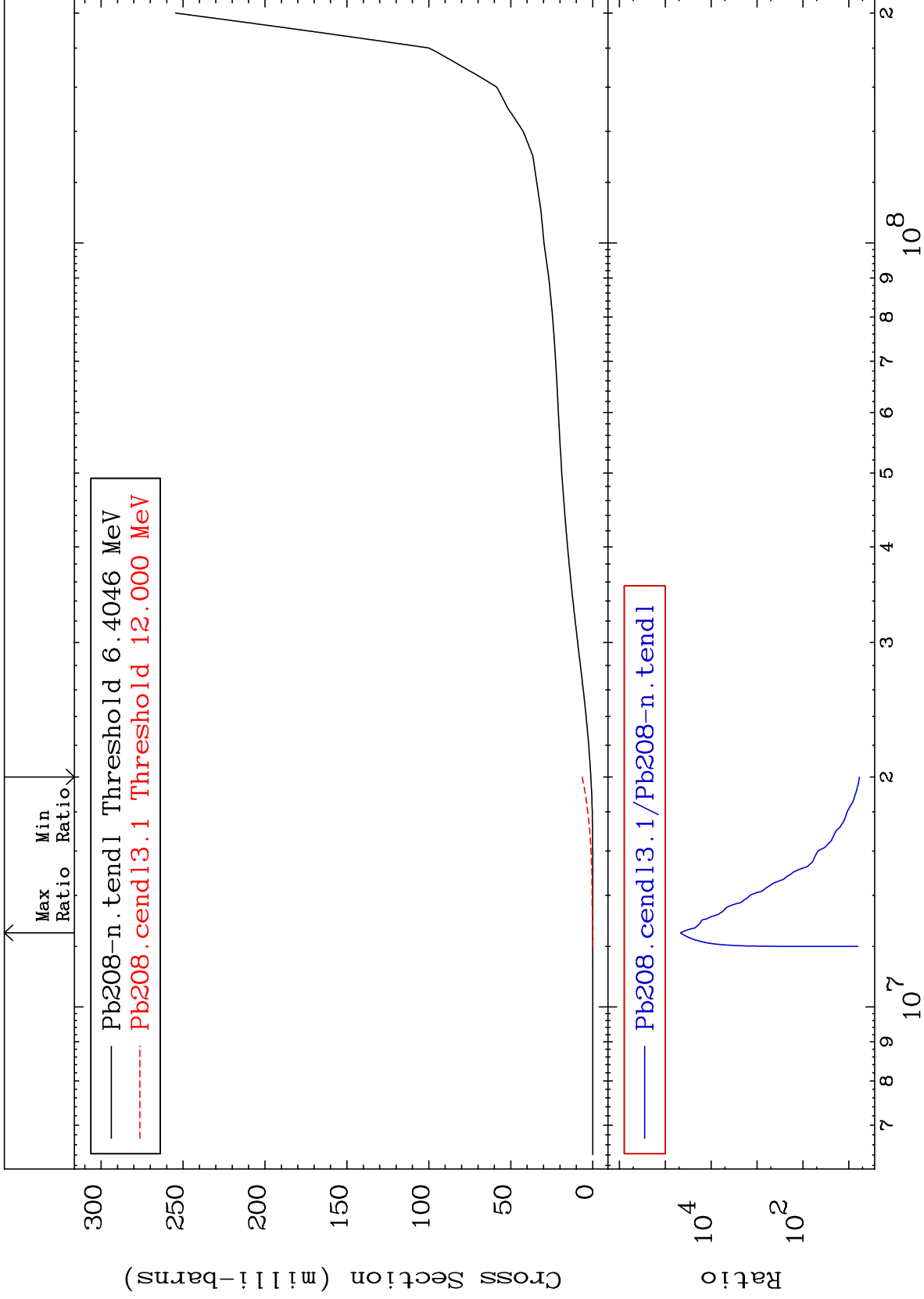
82-Pb-208
-99.99 To 485.3 %



MAT 8237

Tritium Production
Cross Section

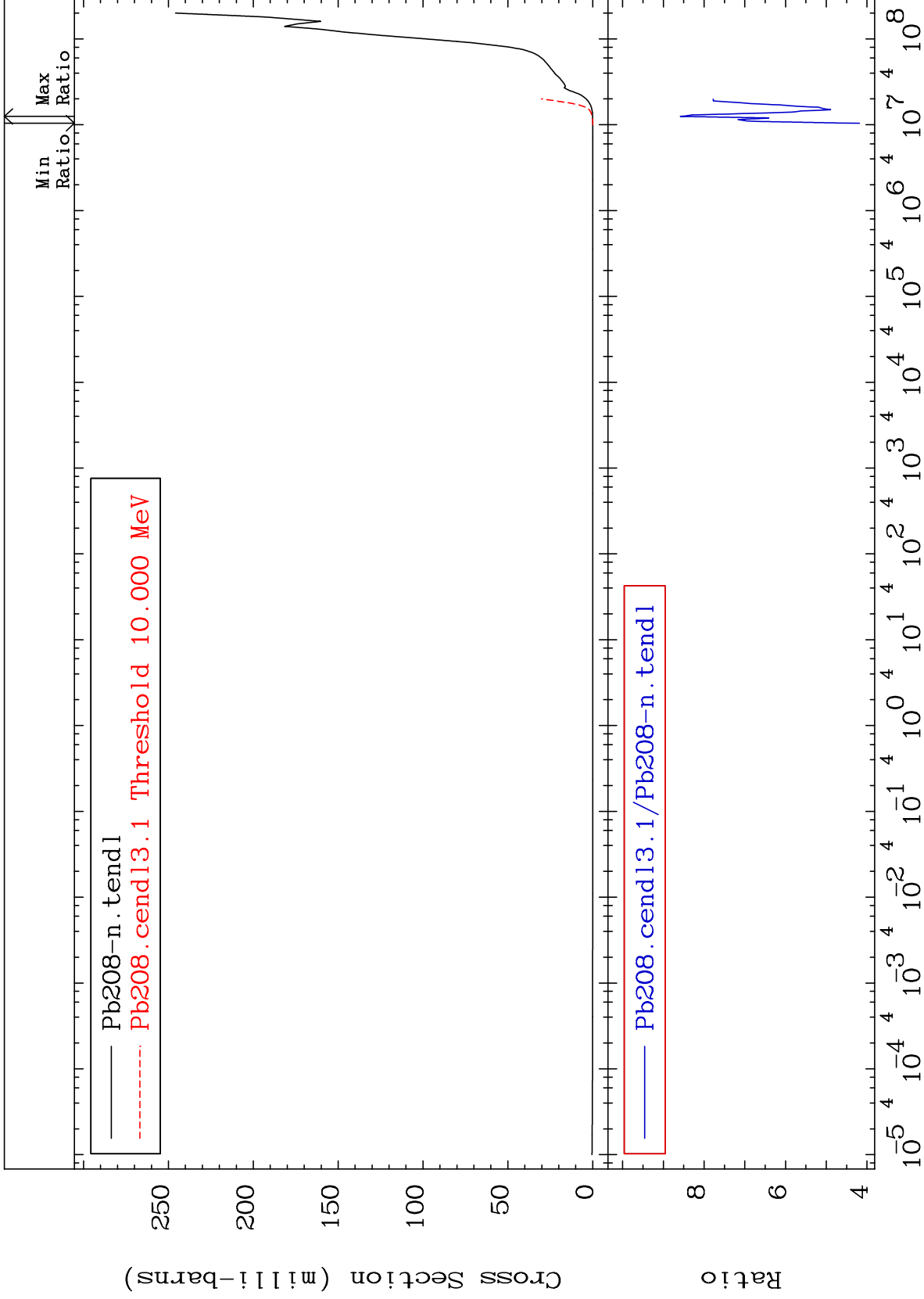
82-Pb-208
483.2 To 9999. %

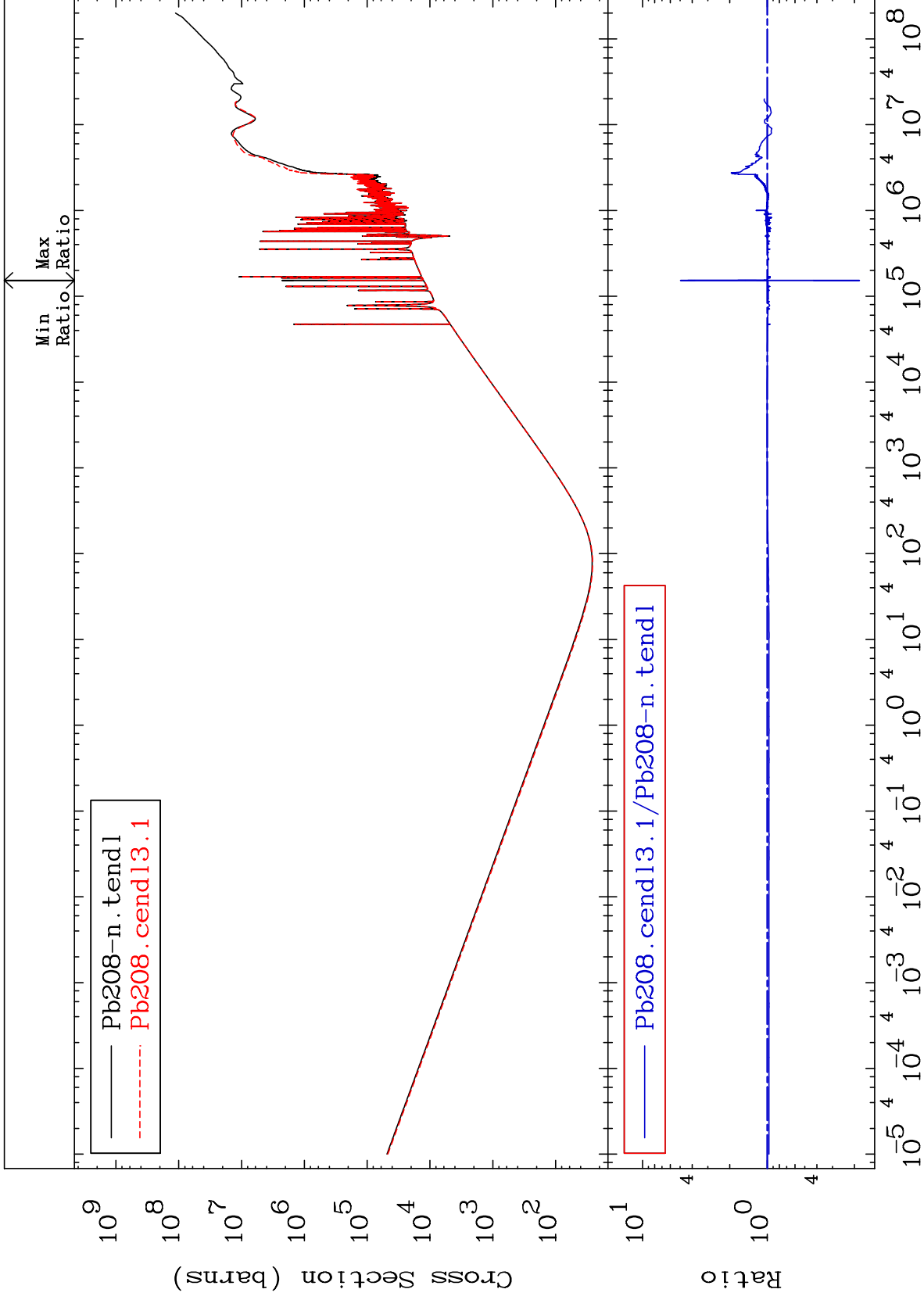


MAT 8237

He-4 Production
Cross Section

82-Pb-208
318.6 To 758.2 %

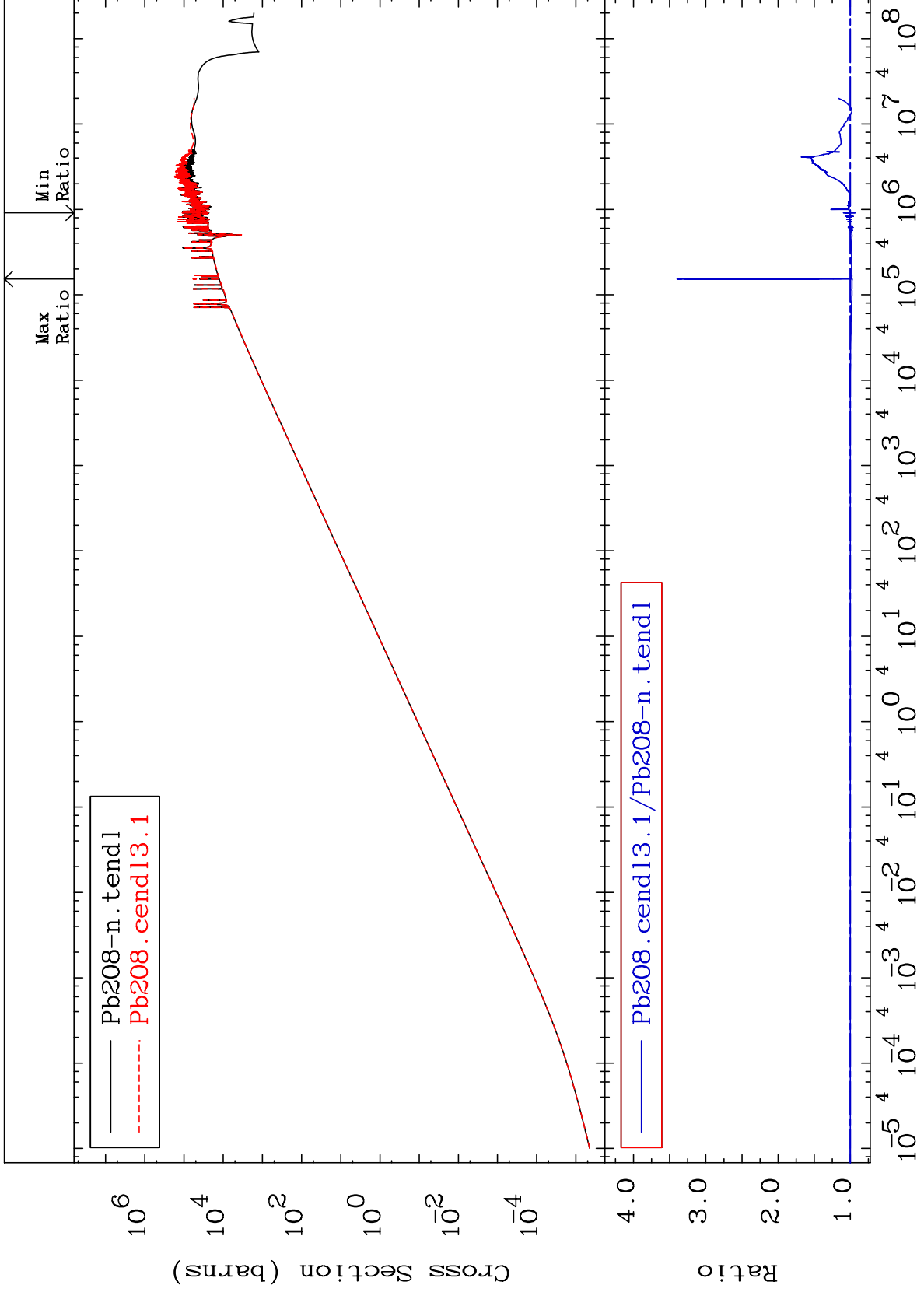


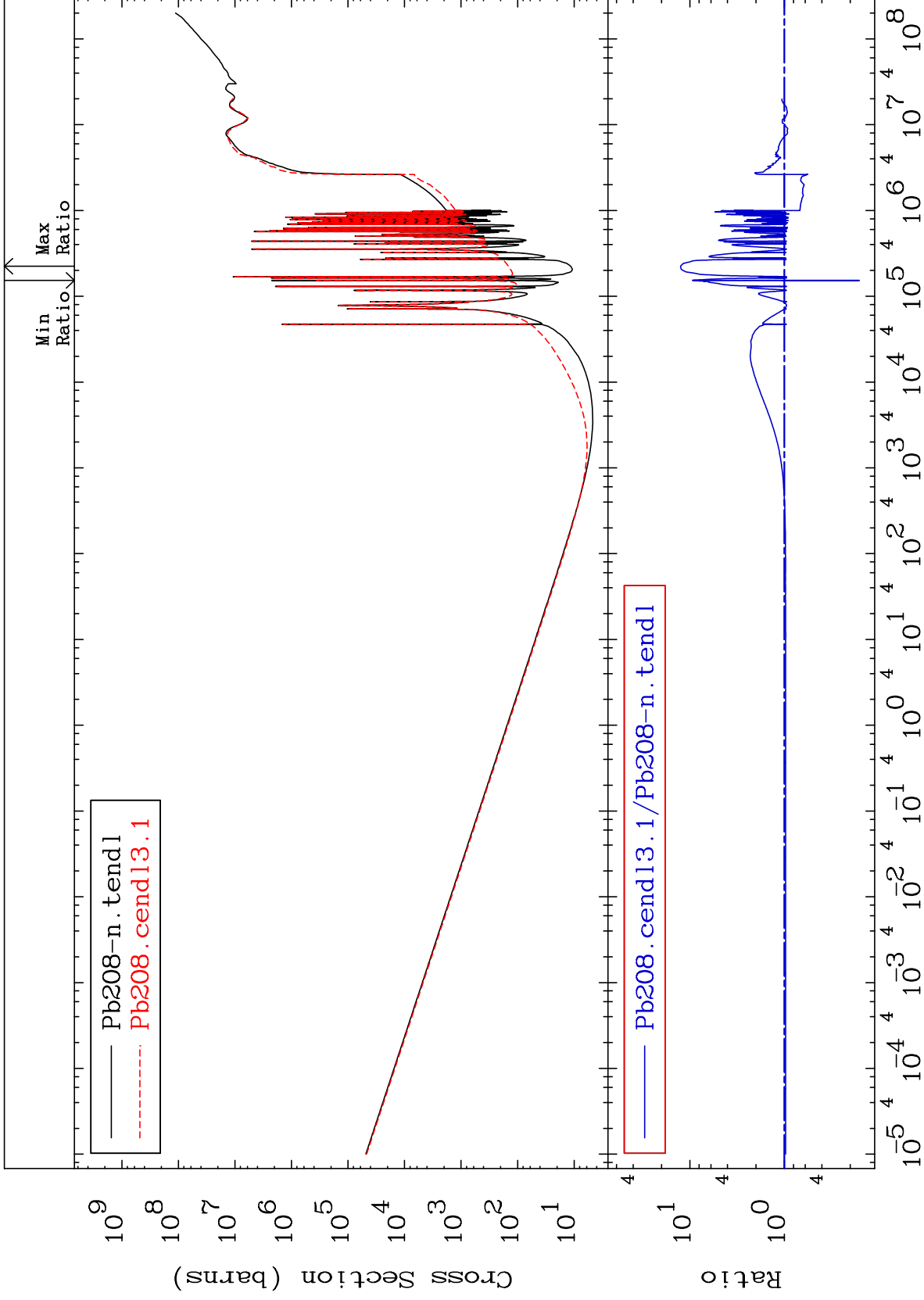


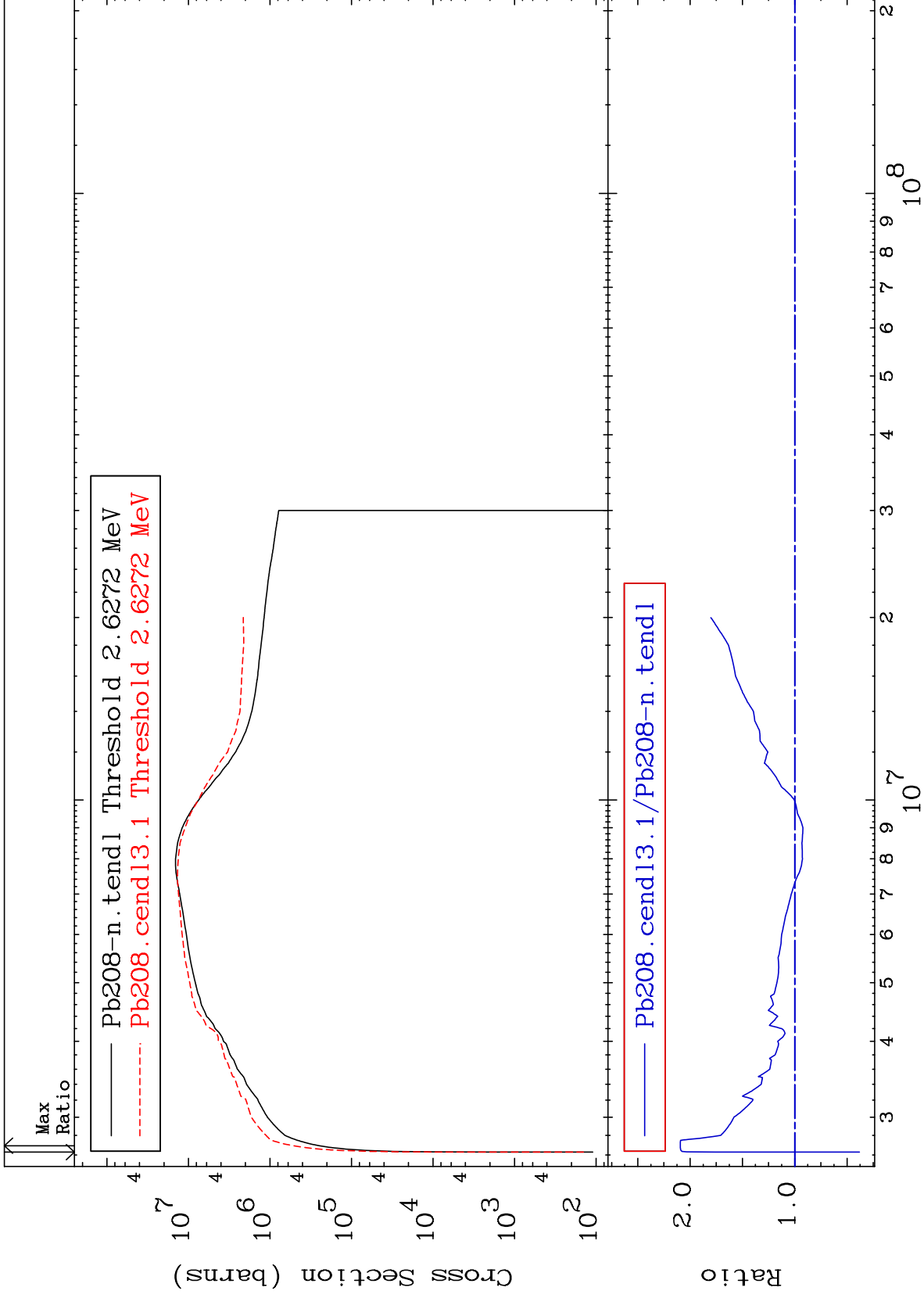
MAT 8237

Kerma elastic
Cross Section

82-Pb-208
-6.698 To 240.0 %



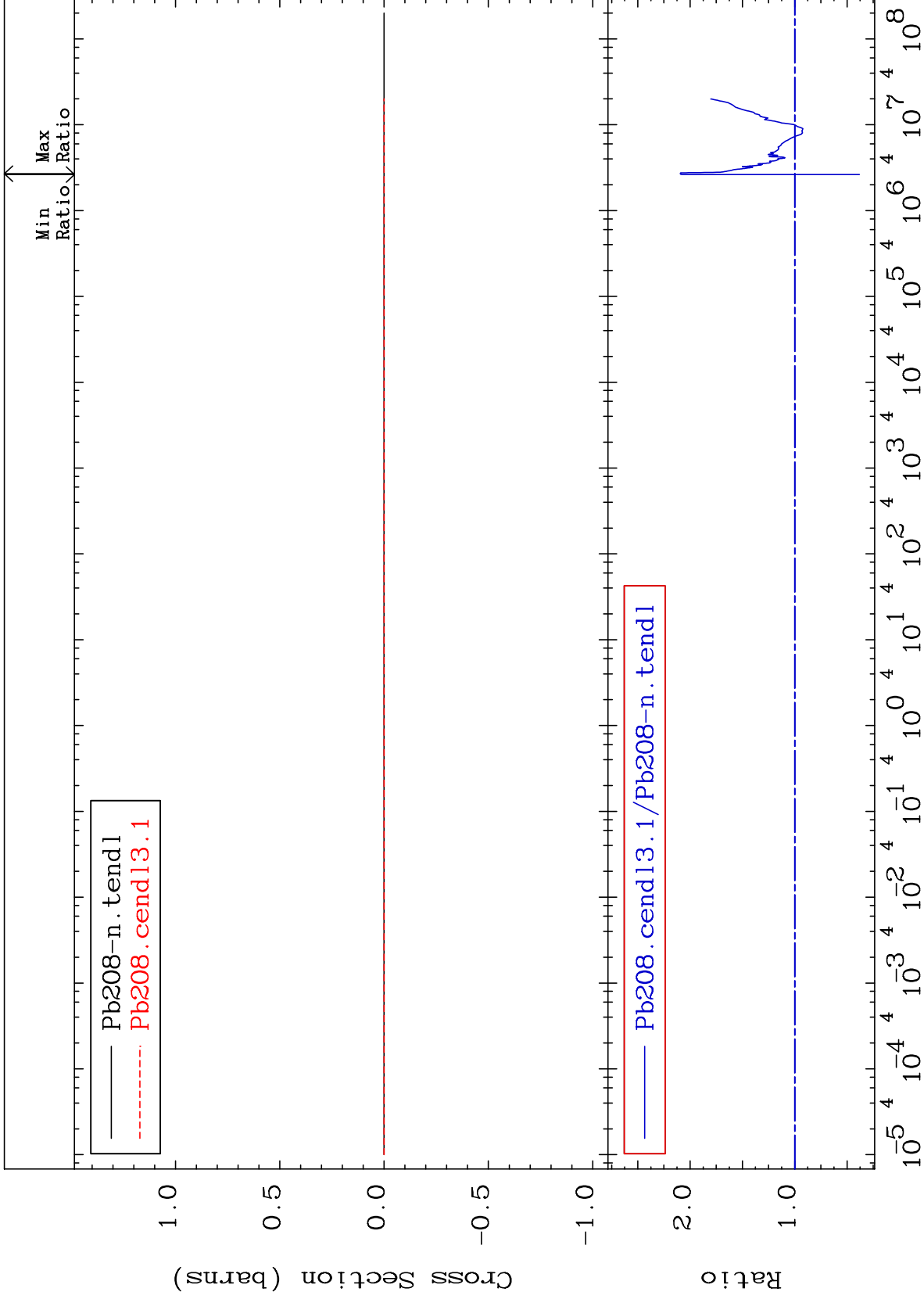




MAT 8237

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

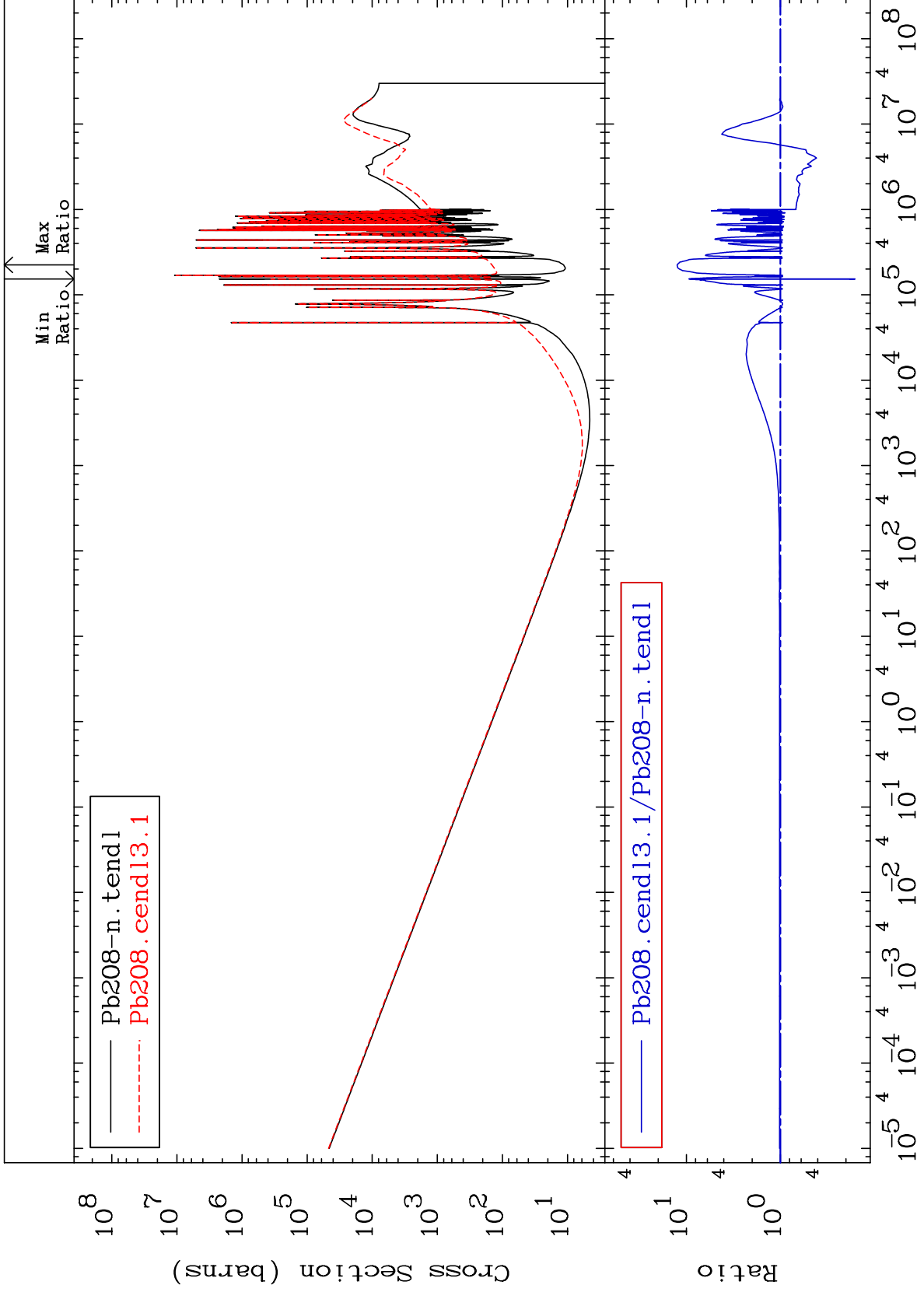
82-Pb-208
-61.86 To 109.3 %

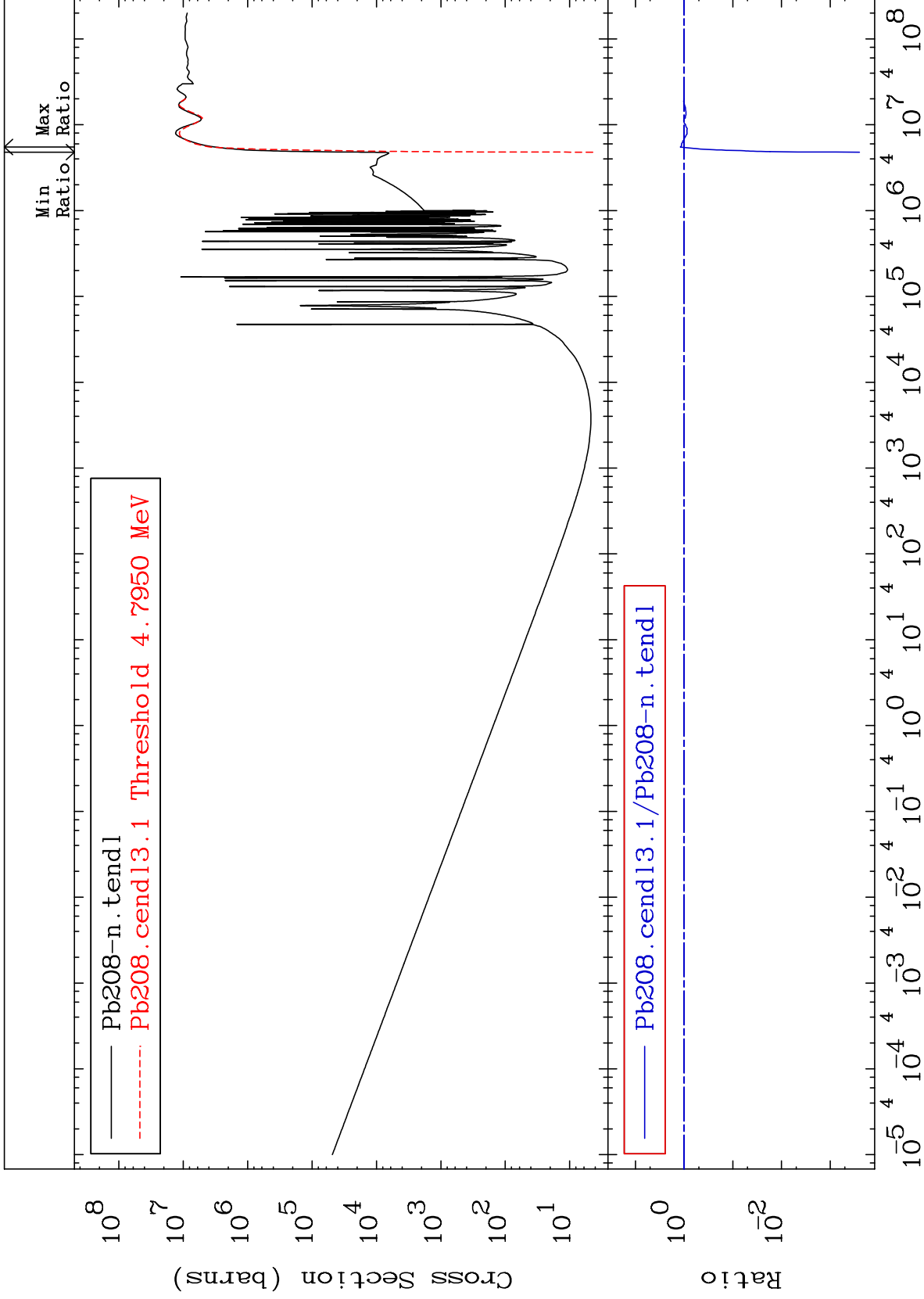


MAT 8237

Kerma capture (mt102)
Cross Section

82-Pb-208
-83.99 To 1165. %

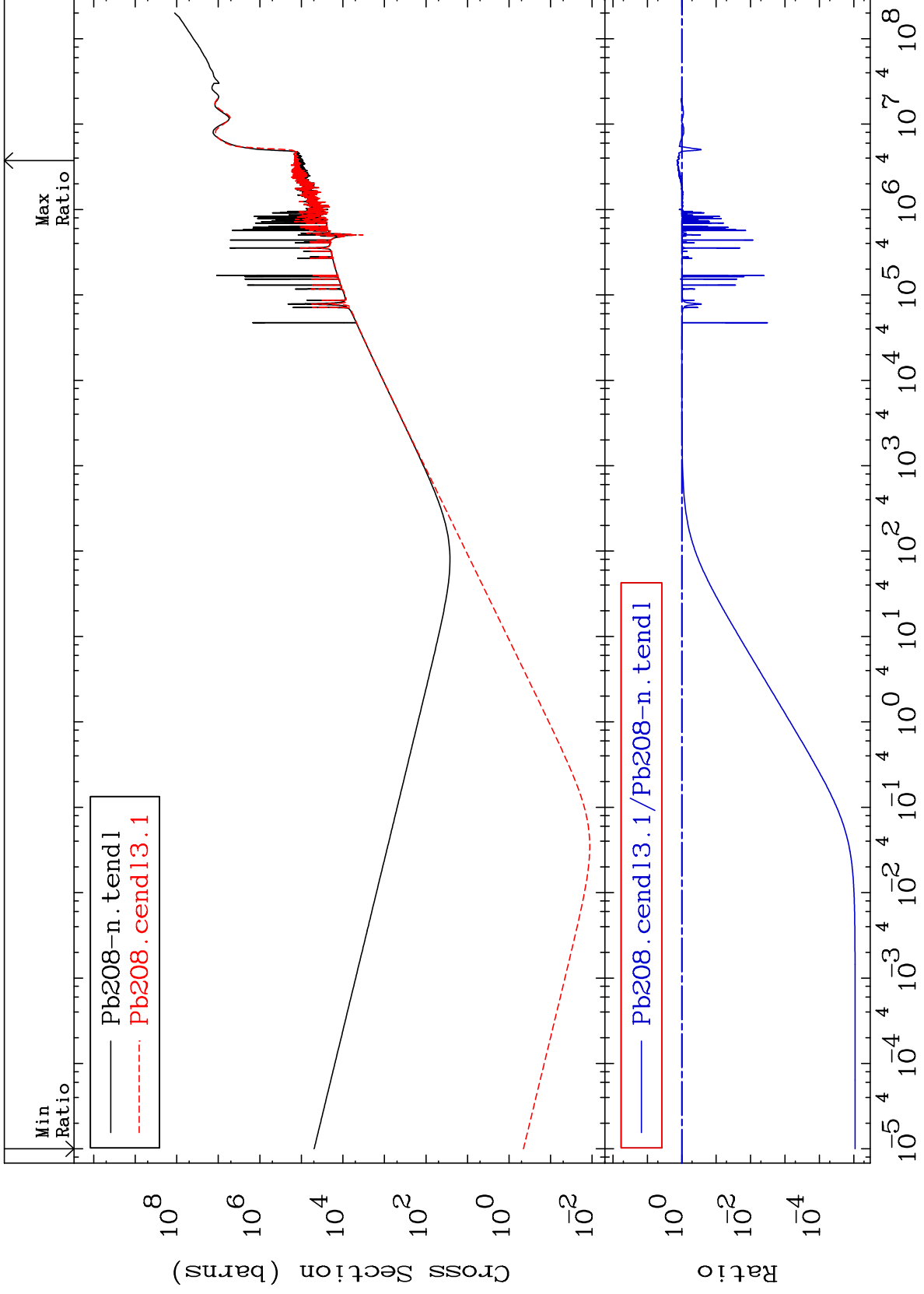




MAT 8237

Total kinematic kerma (high limit)
Cross Section

82-Pb-208
-100.0 To 38.26 %



MAT 8237

Dpa total (eV-barns)
Cross Section

82-Pb-208
-86.82 To 240.5 %

