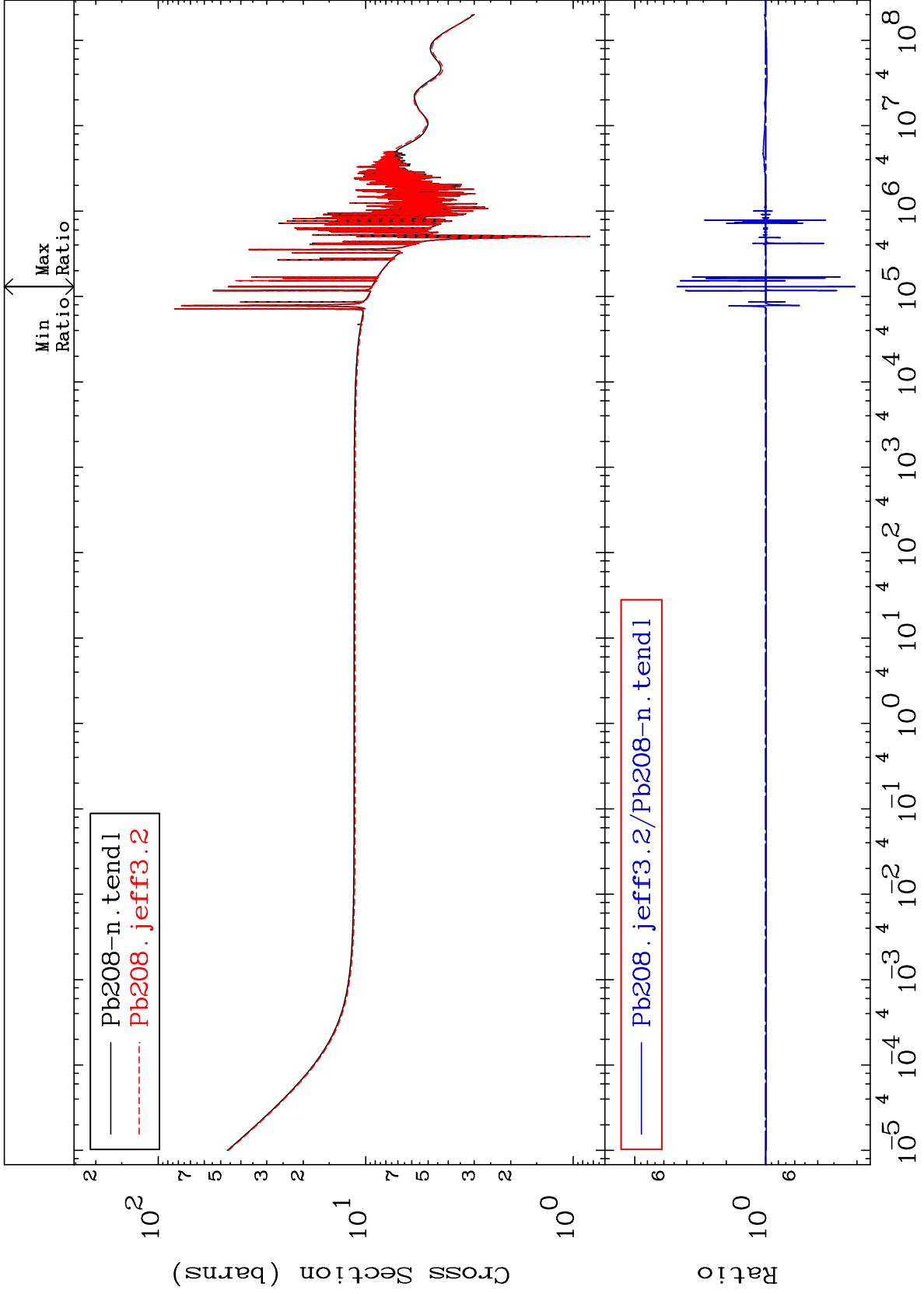


MAT 8237

Total
Cross Section

82-Pb-208
-79.31 To 376.4 %



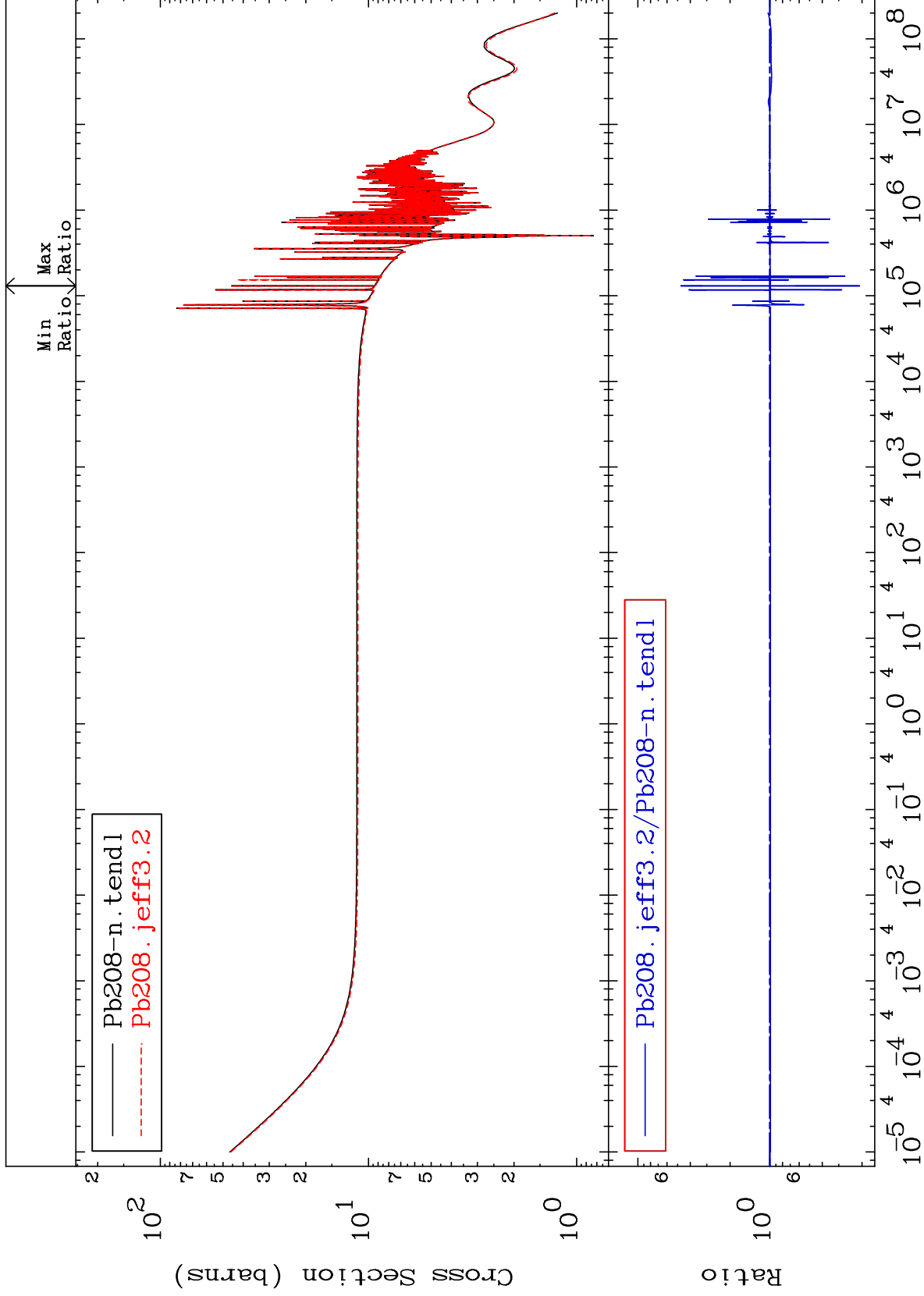
Incident Energy (eV)

82-Pb-208

MAT 8237

Elastic
Cross Section

82-Pb-208
-79.10 To 372.6 %



Incident Energy (eV)

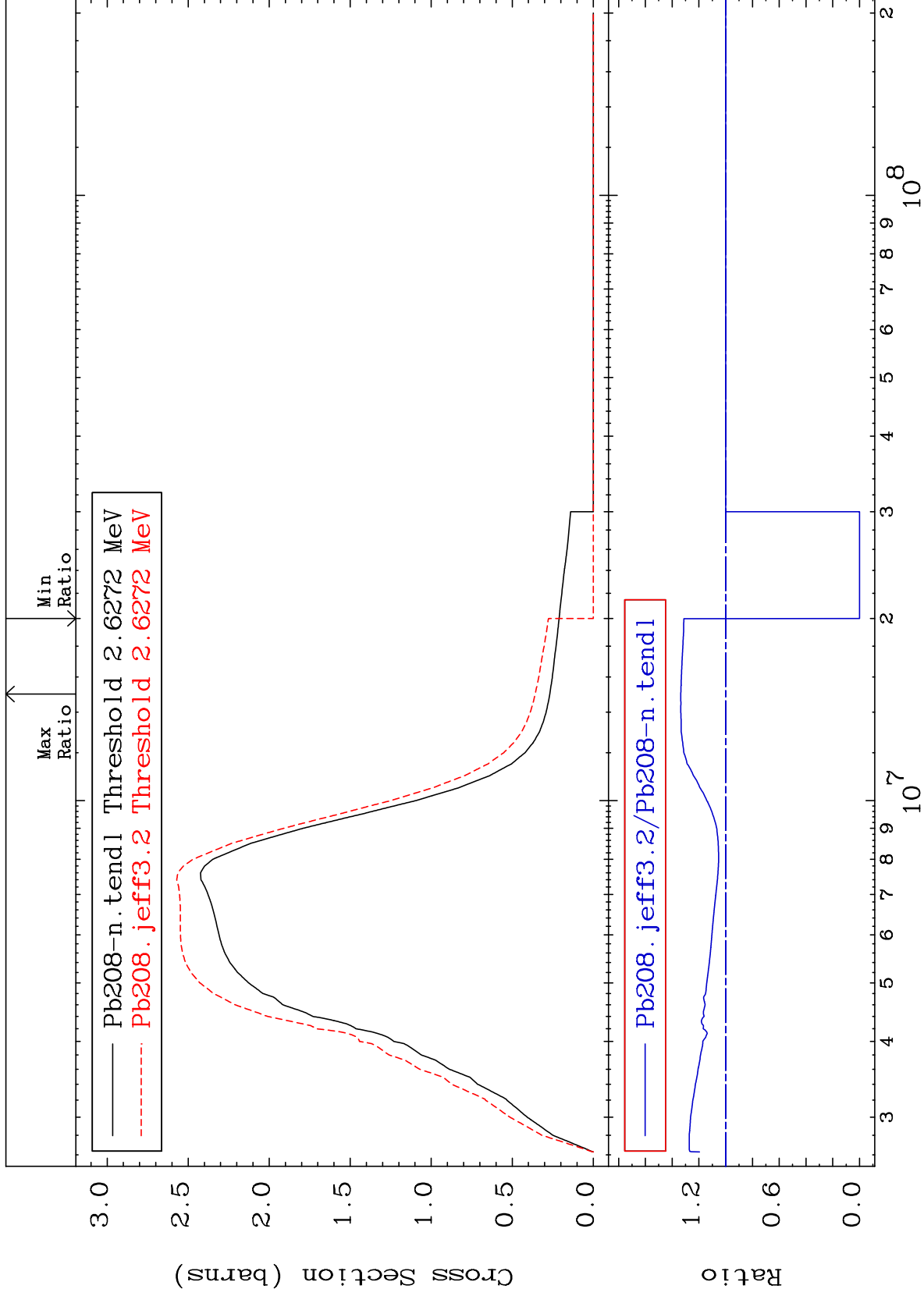
82-Pb-208

MAT 8237

82-Pb-208

Inelastic
Cross Section

-100.0 To 33.55 %



3

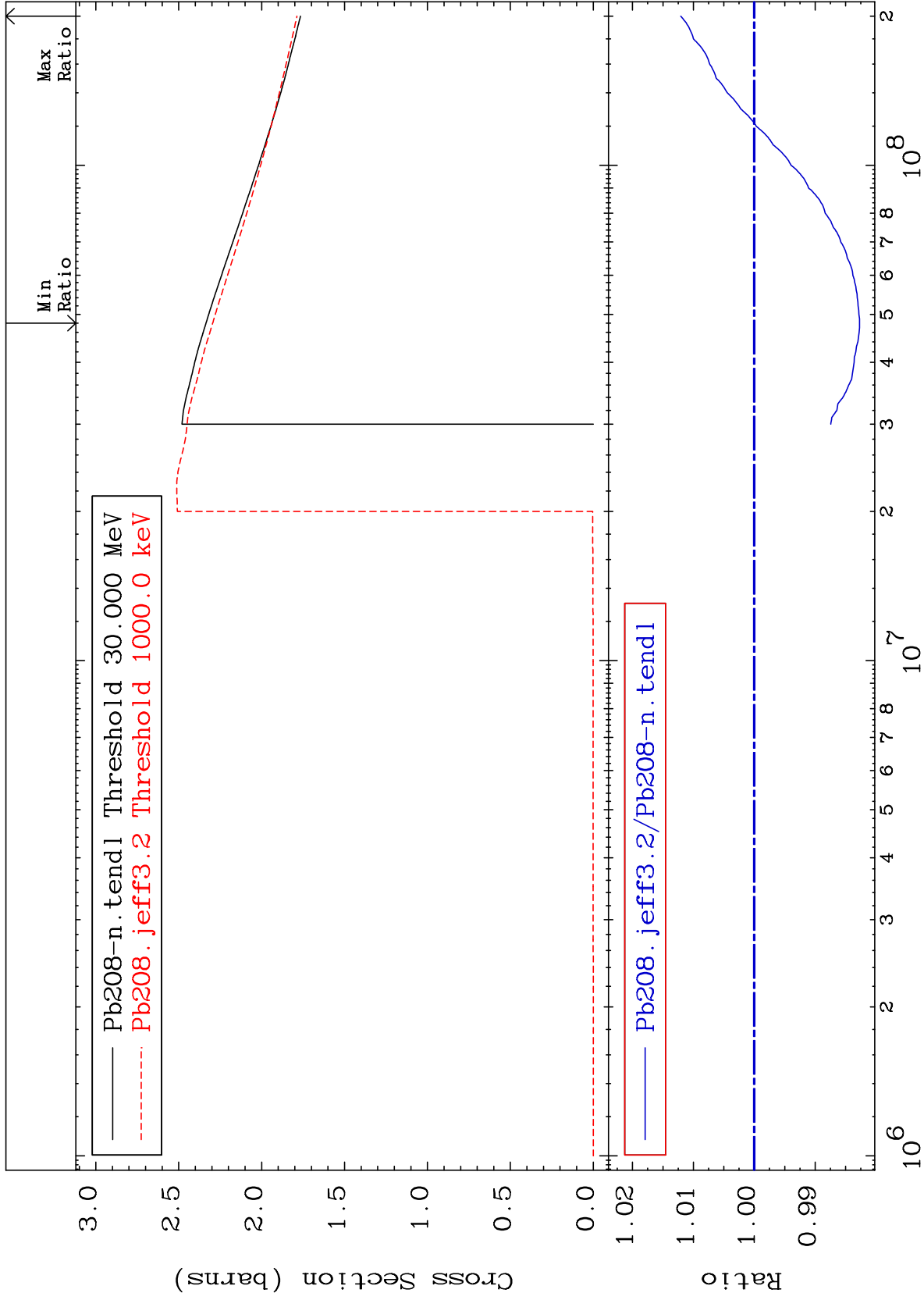
Incident Energy (eV)

82-Pb-208

MAT 8237

(n, remainder)
Cross Section

82-Pb-208
-1.729 To 1.207 %



Incident Energy (eV)

82-Pb-208

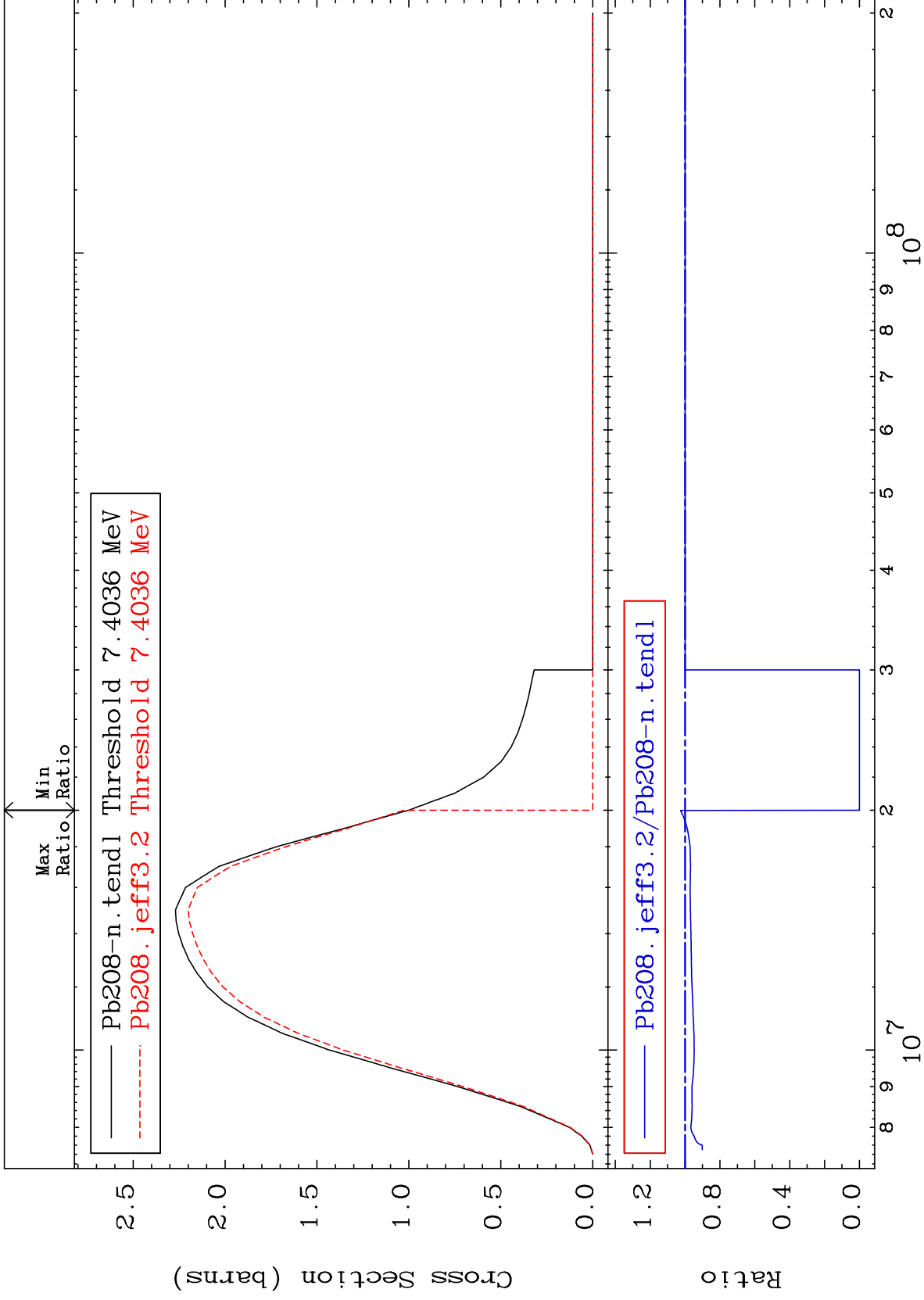
MAT 8237

(n,2n)

82-Pb-208

Cross Section

-100.0 To 2.702 %



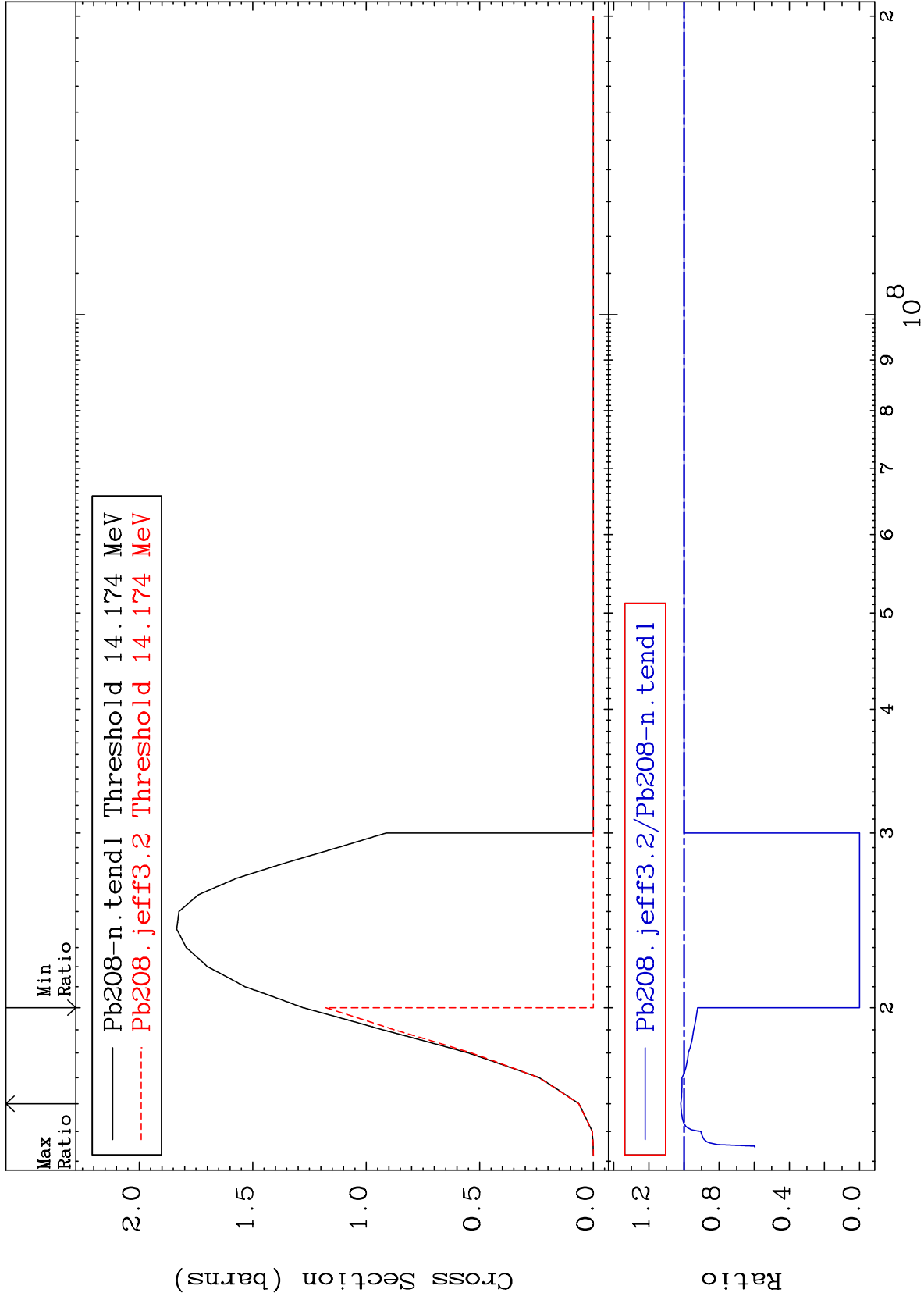
5

Incident Energy (eV)

82-Pb-208

Cross Section

-100.0 To 1.830 %



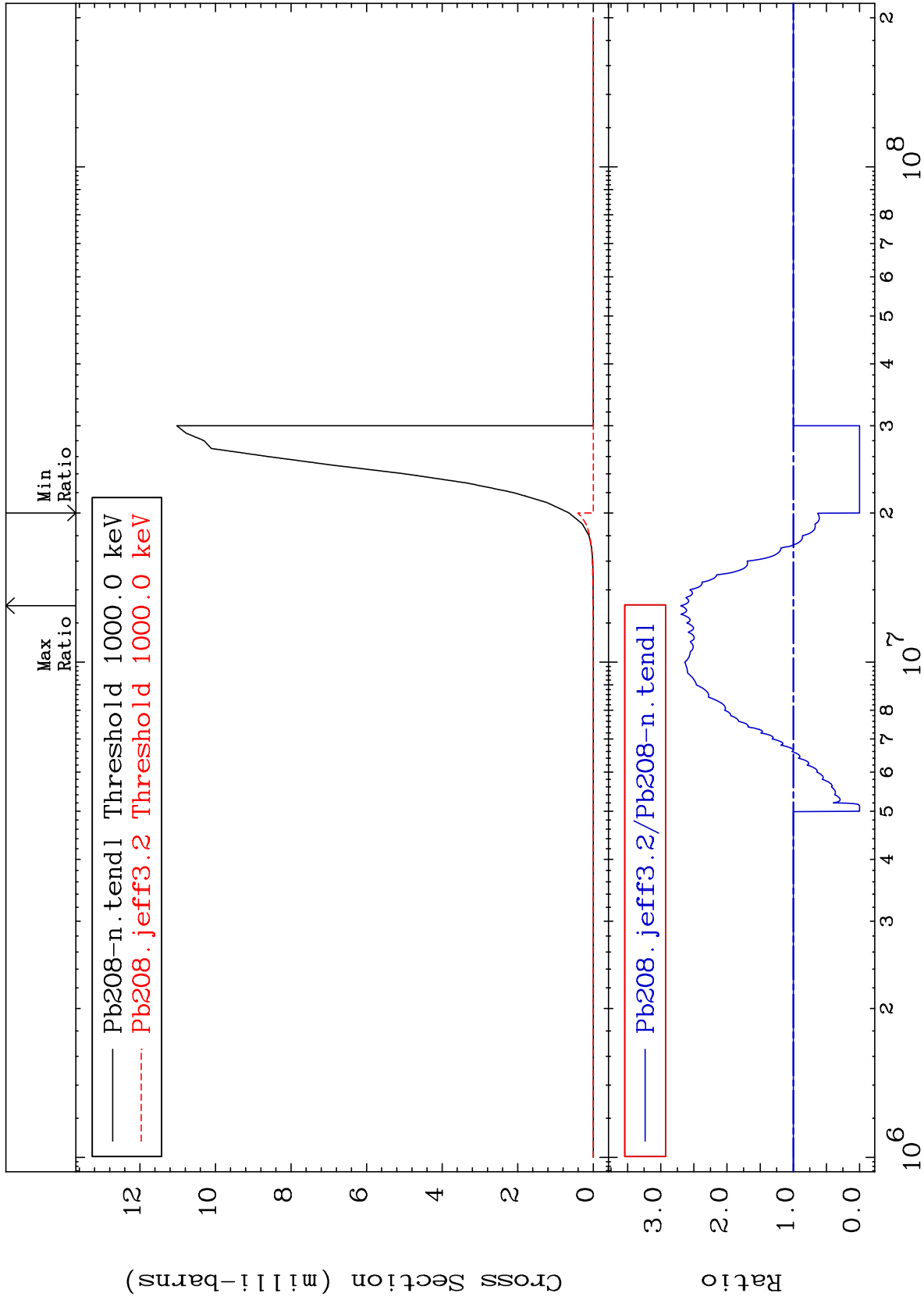
MAT 8237

82-Pb-208

(n, n') α

Cross Section

-100.0 To 169.8 %



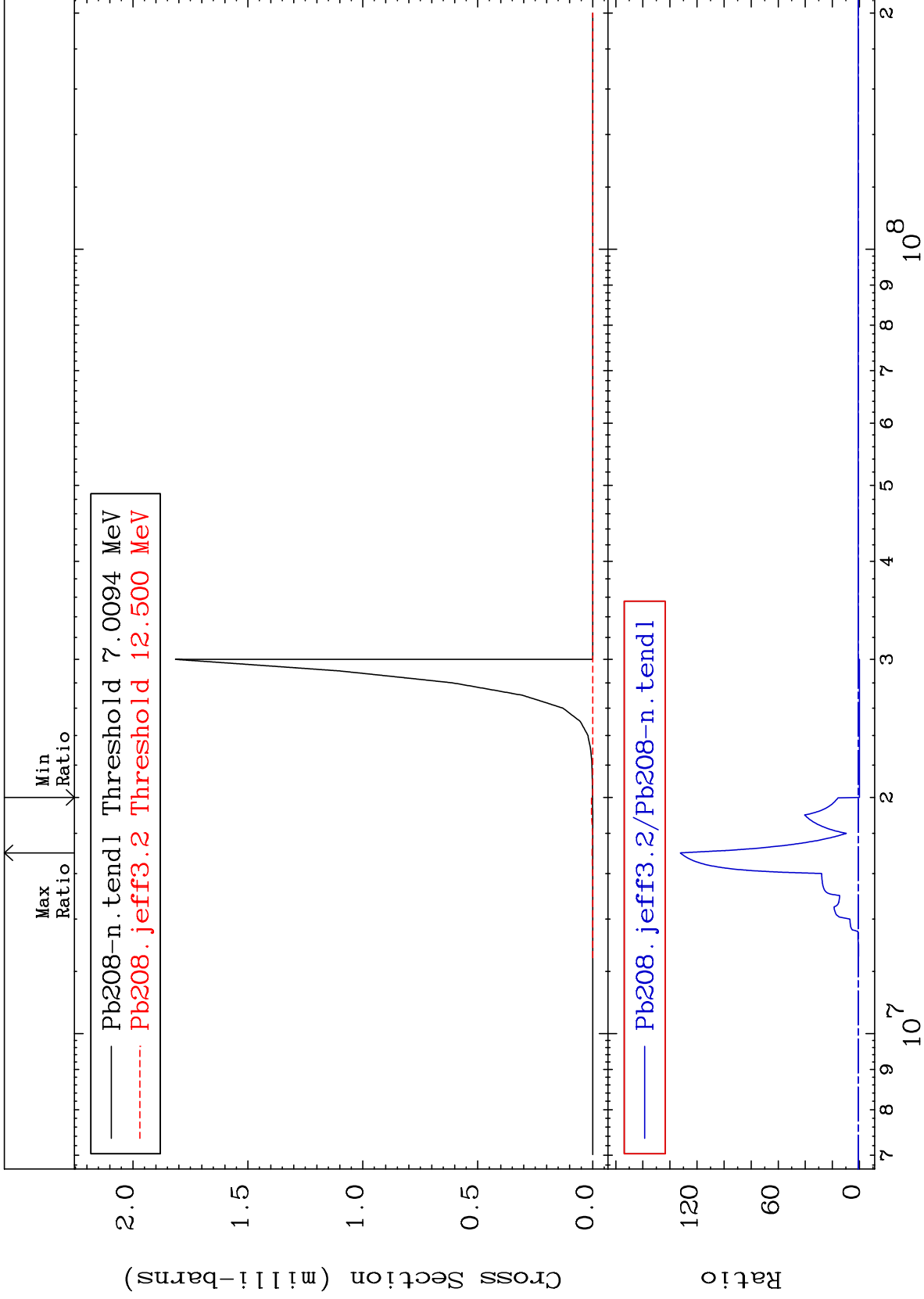
82-Pb-208

82-Pb-208

MAT 8237

(n,2n) α
Cross Section

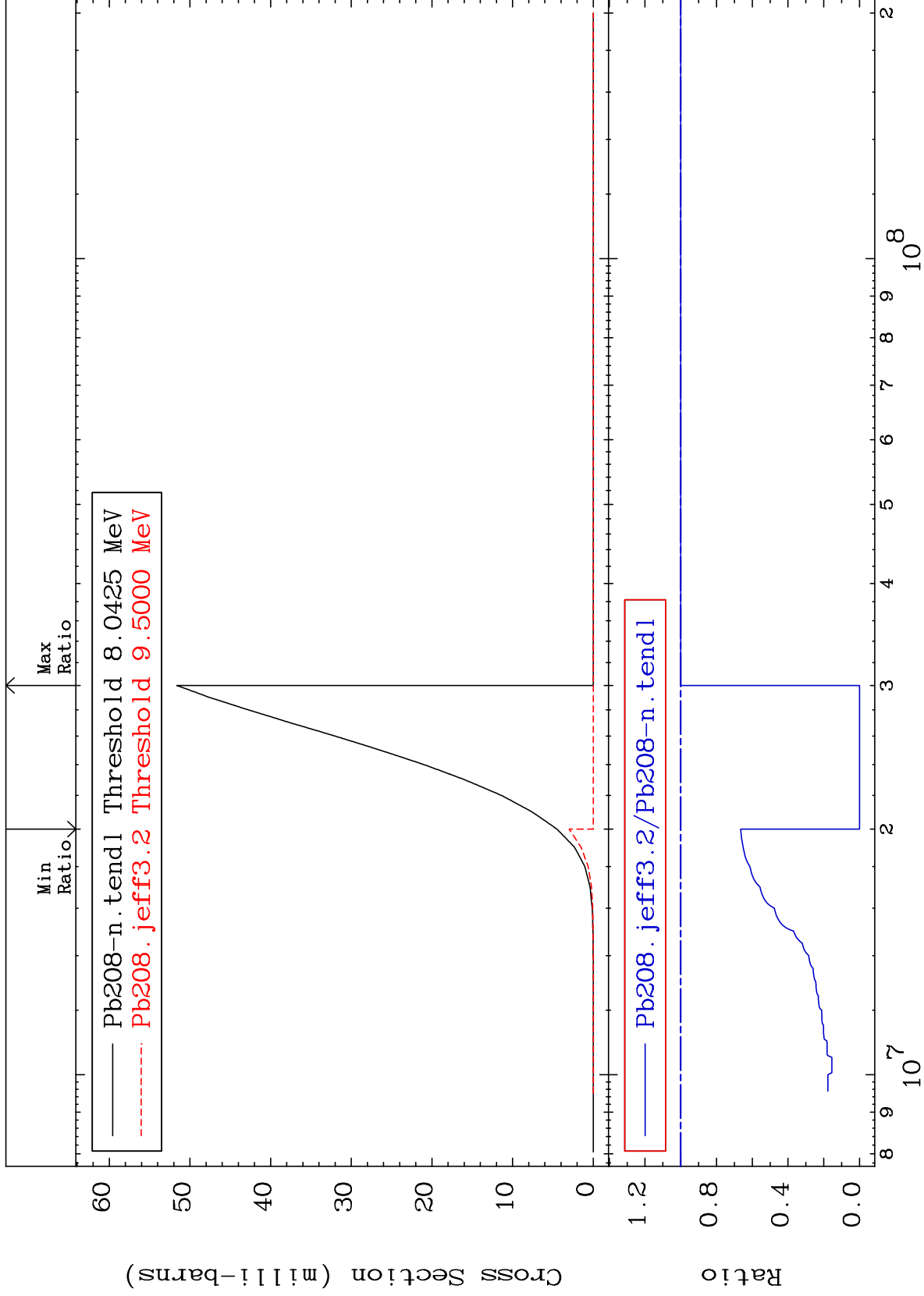
82-Pb-208
-100.0 To 9999. %



MAT 8237

(n, n') p
Cross Section

82-Pb-208
-100.0 To 0.000 %



9

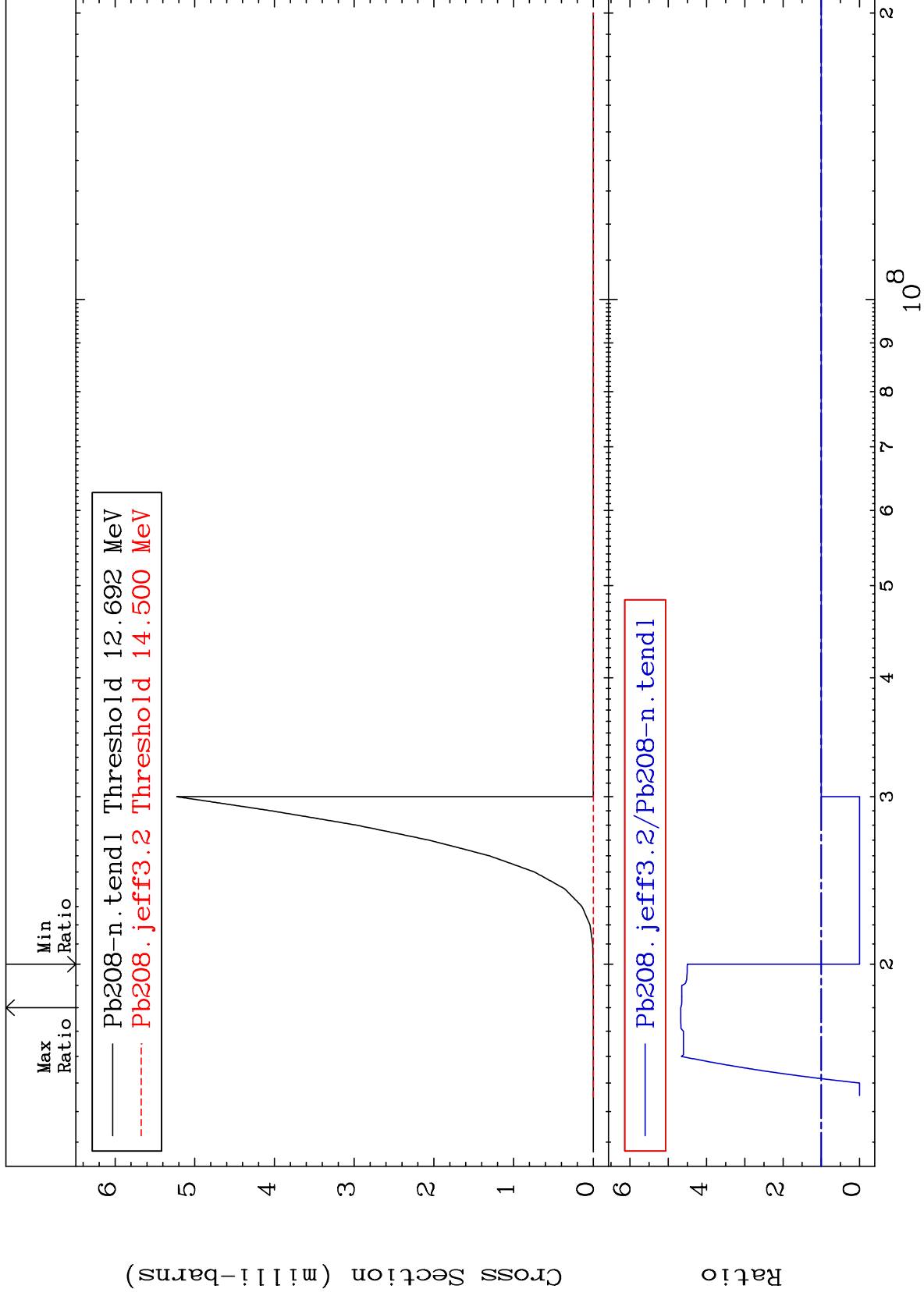
Incident Energy (eV)

82-Pb-208

MAT 8237

(n, n') d
Cross Section

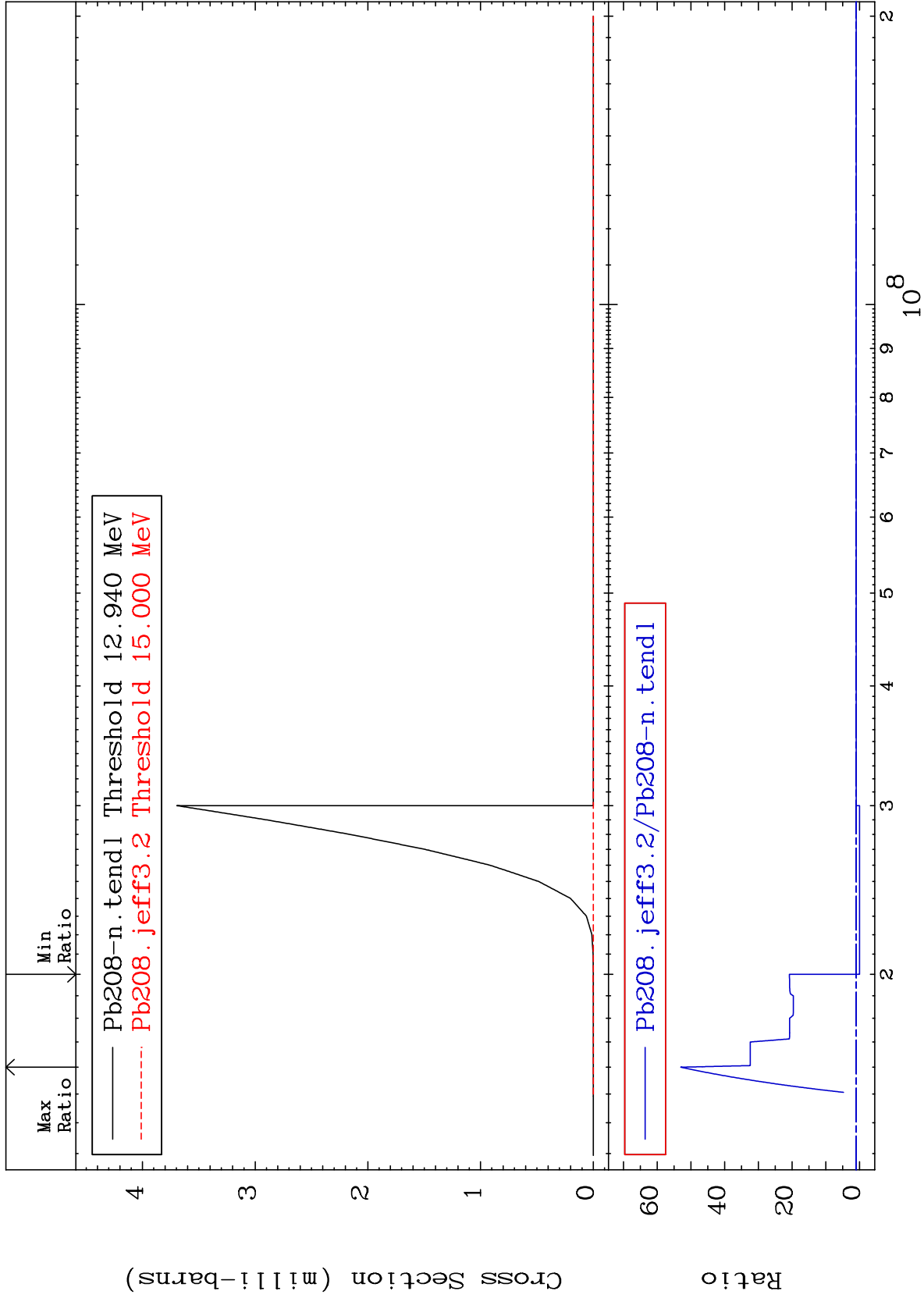
82-Pb-208
-100.0 To 367.4 %



10

Incident Energy (eV)

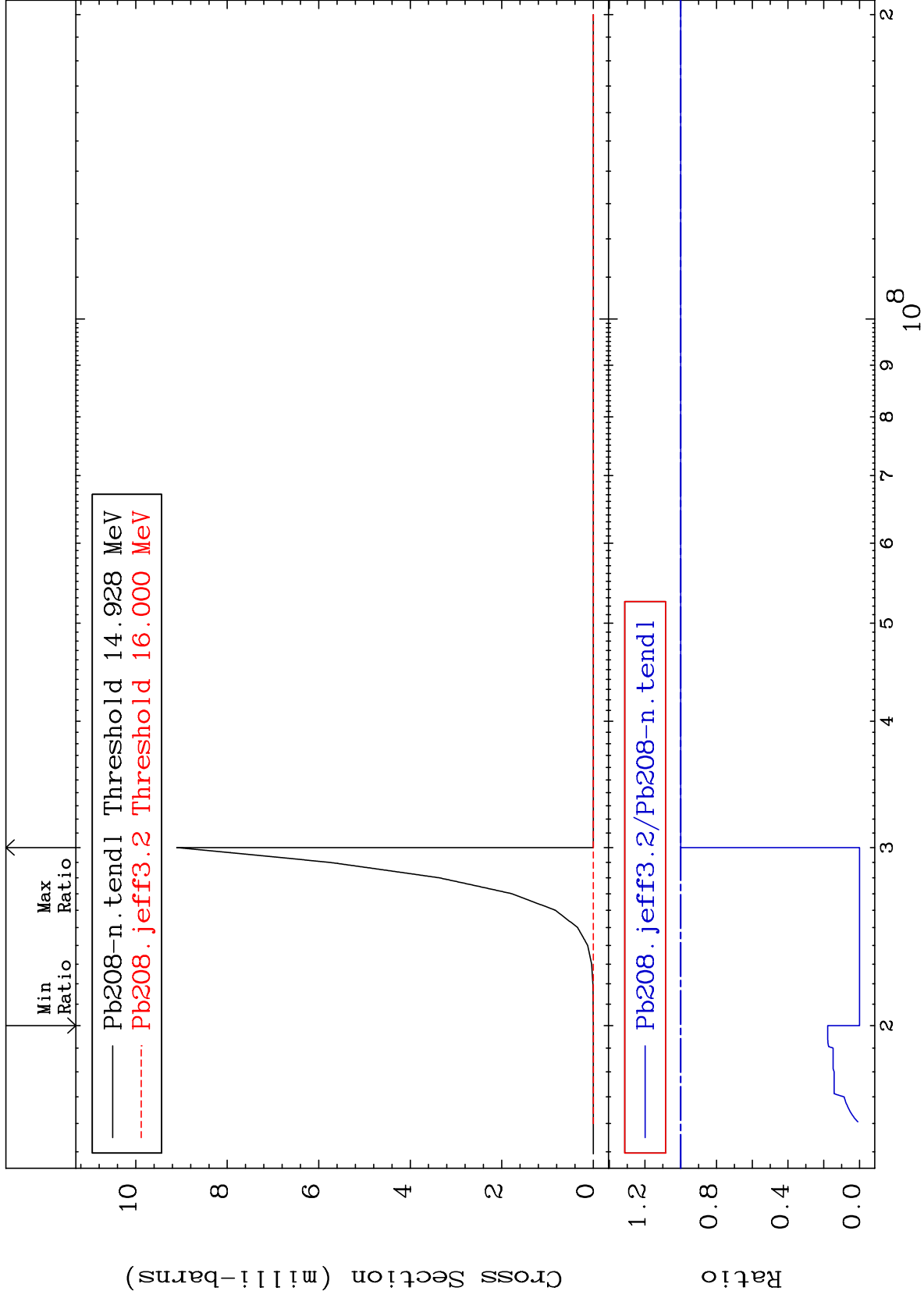
82-Pb-208



MAT 8237

(n,2n) p
Cross Section

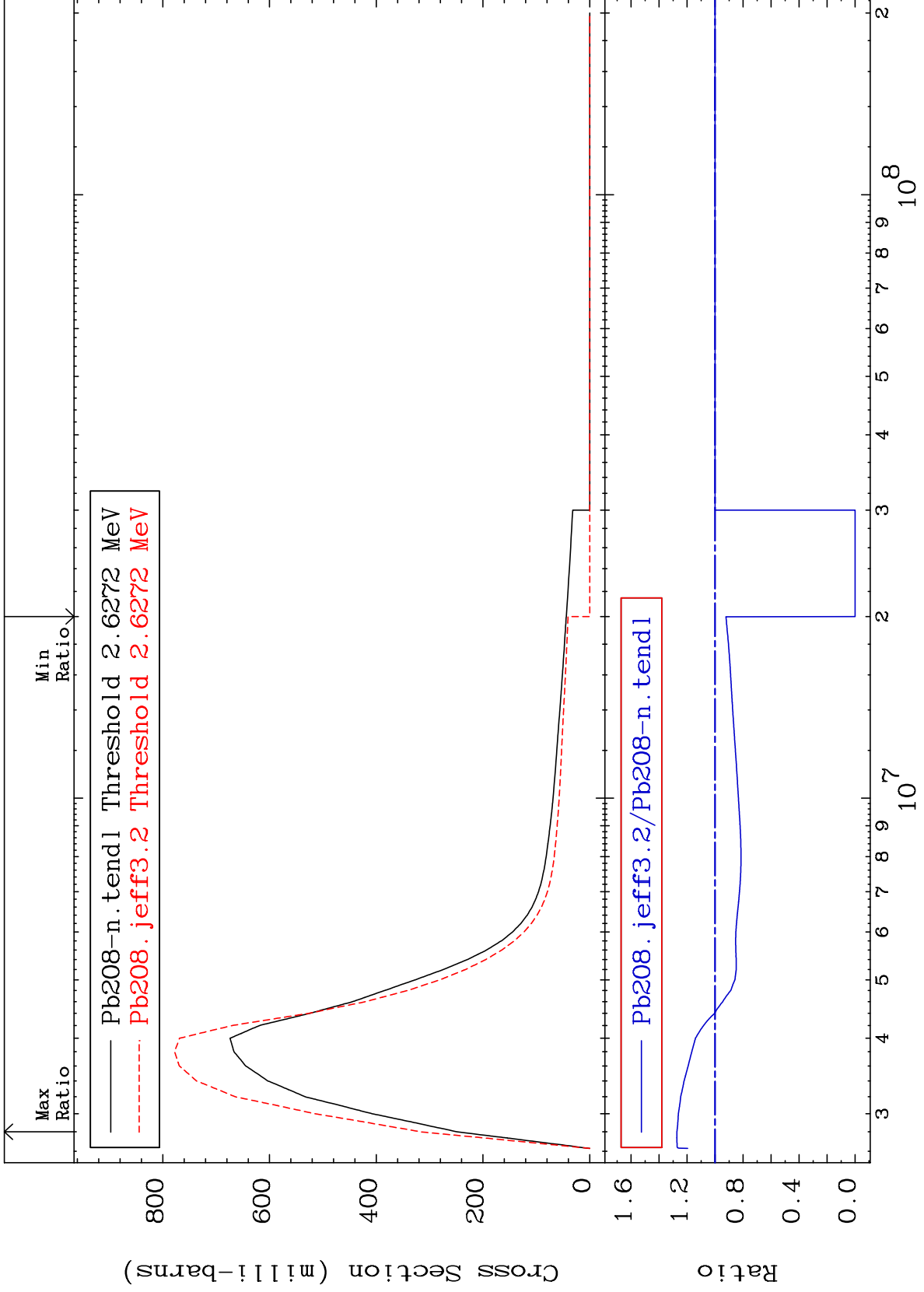
82-Pb-208
-100.0 To 0.000 %



MAT 8237

2.615 MeV (n,n') Level
Cross Section

82-Pb-208
-100.0 To 27.28 %



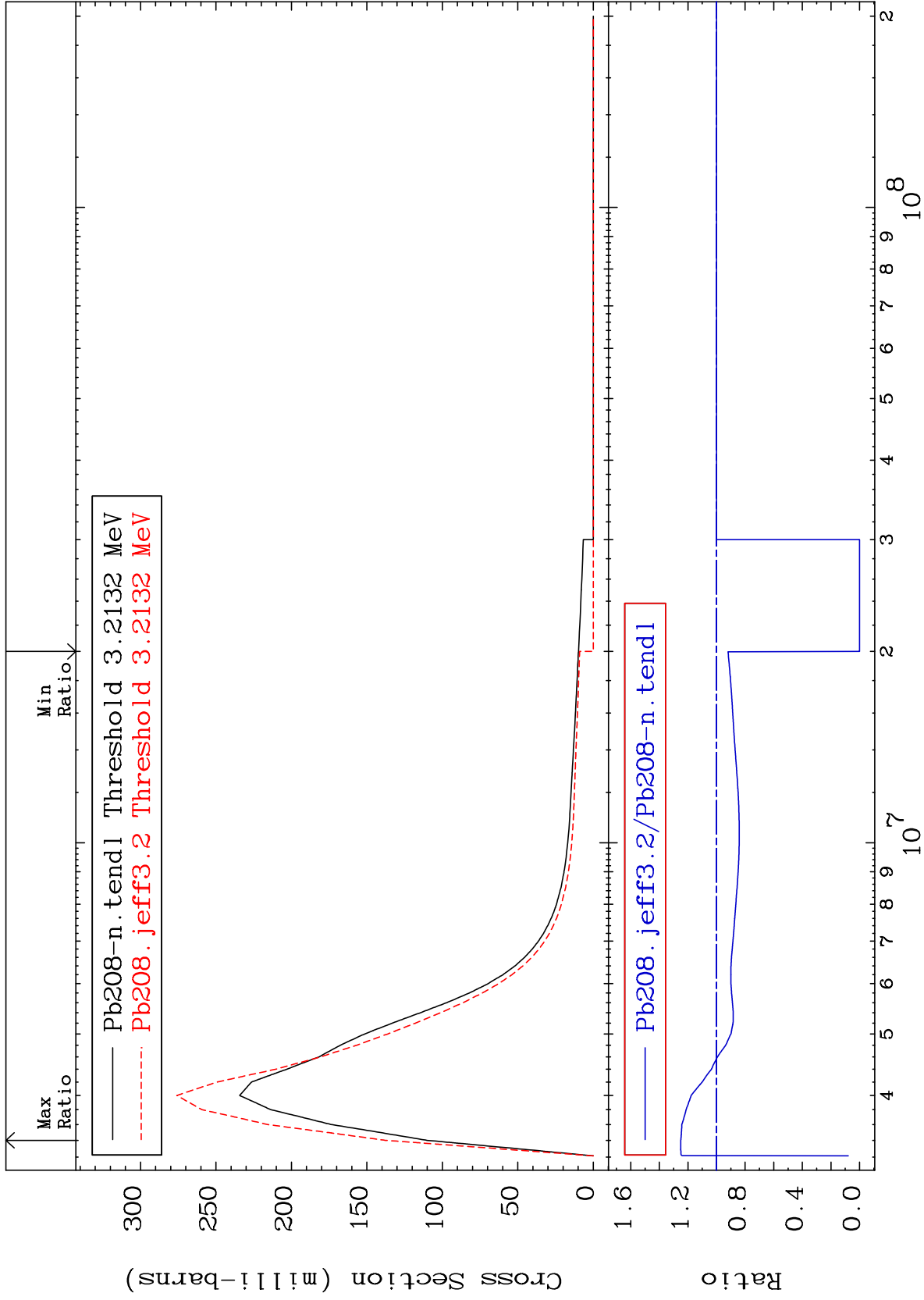
MAT 8237

3.198 MeV (n,n') Level

82-Pb-208

-100.0 To 25.02 %

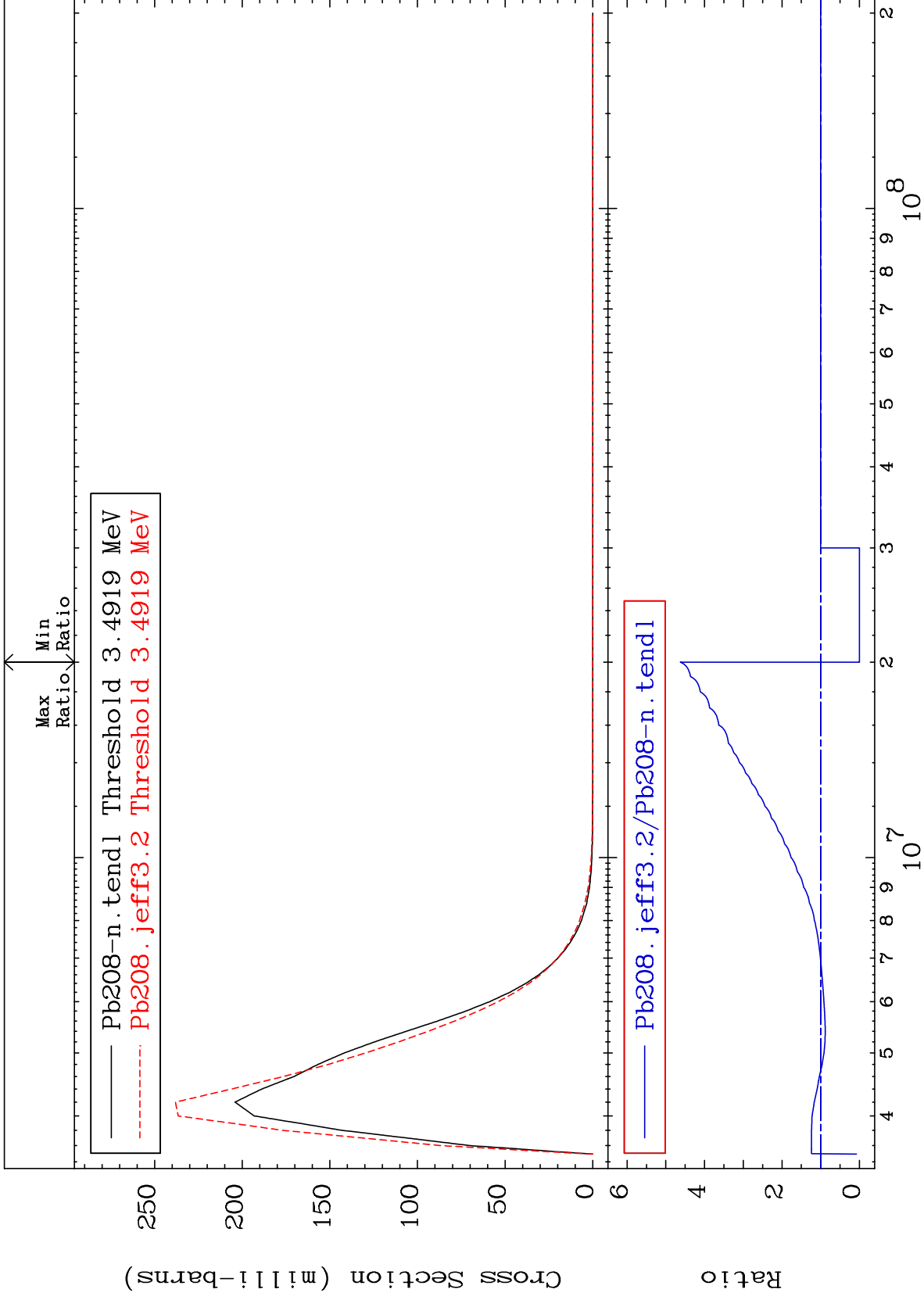
Cross Section



MAT 8237

3.475 MeV (n,n') Level
Cross Section

82-Pb-208
-100.0 To 362.4 %



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Incident Energy (eV)

82-Pb-208

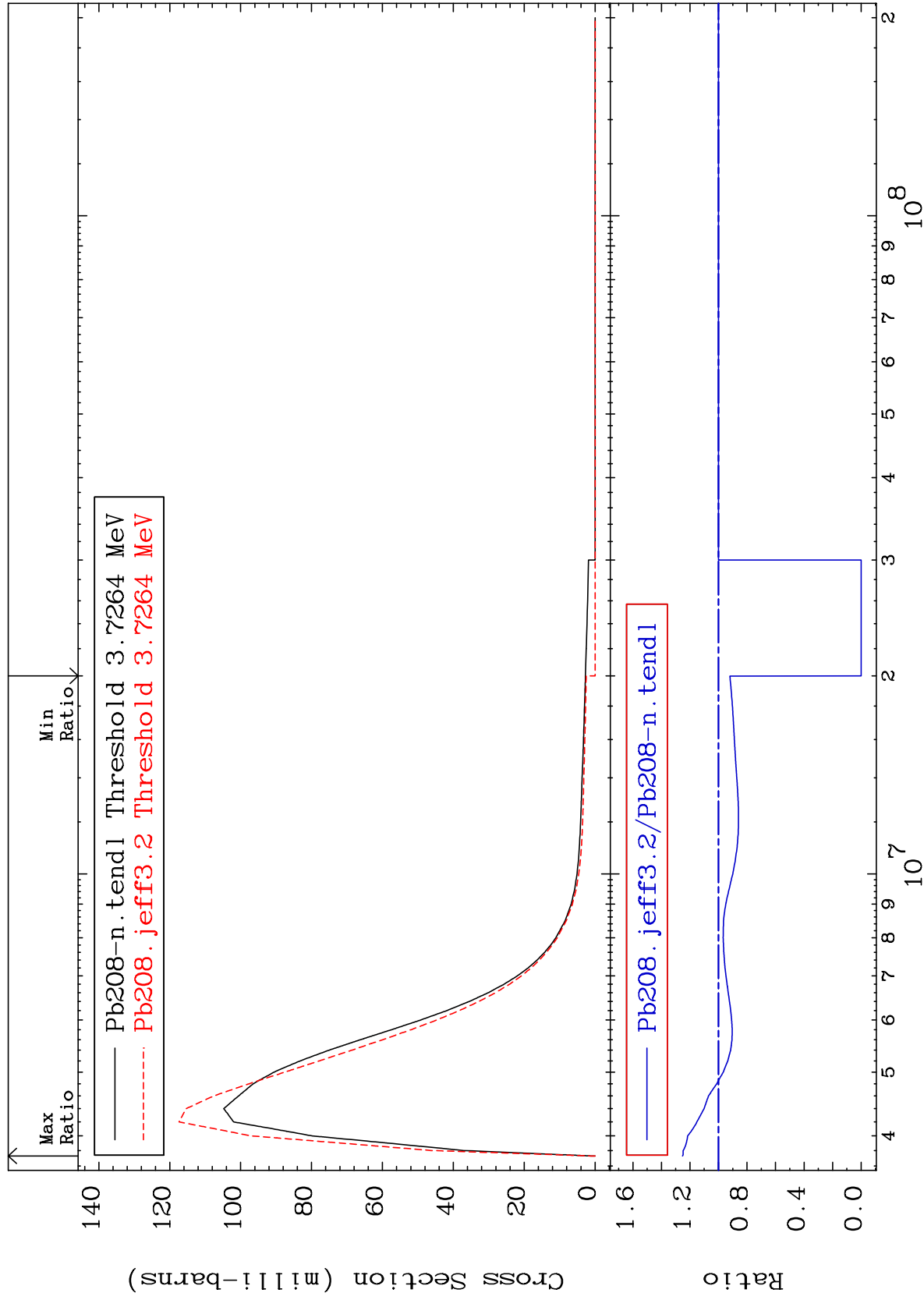
MAT 8237

3.708 MeV (n,n') Level

82-Pb-208

-100.0 To 25.20 %

Cross Section



16

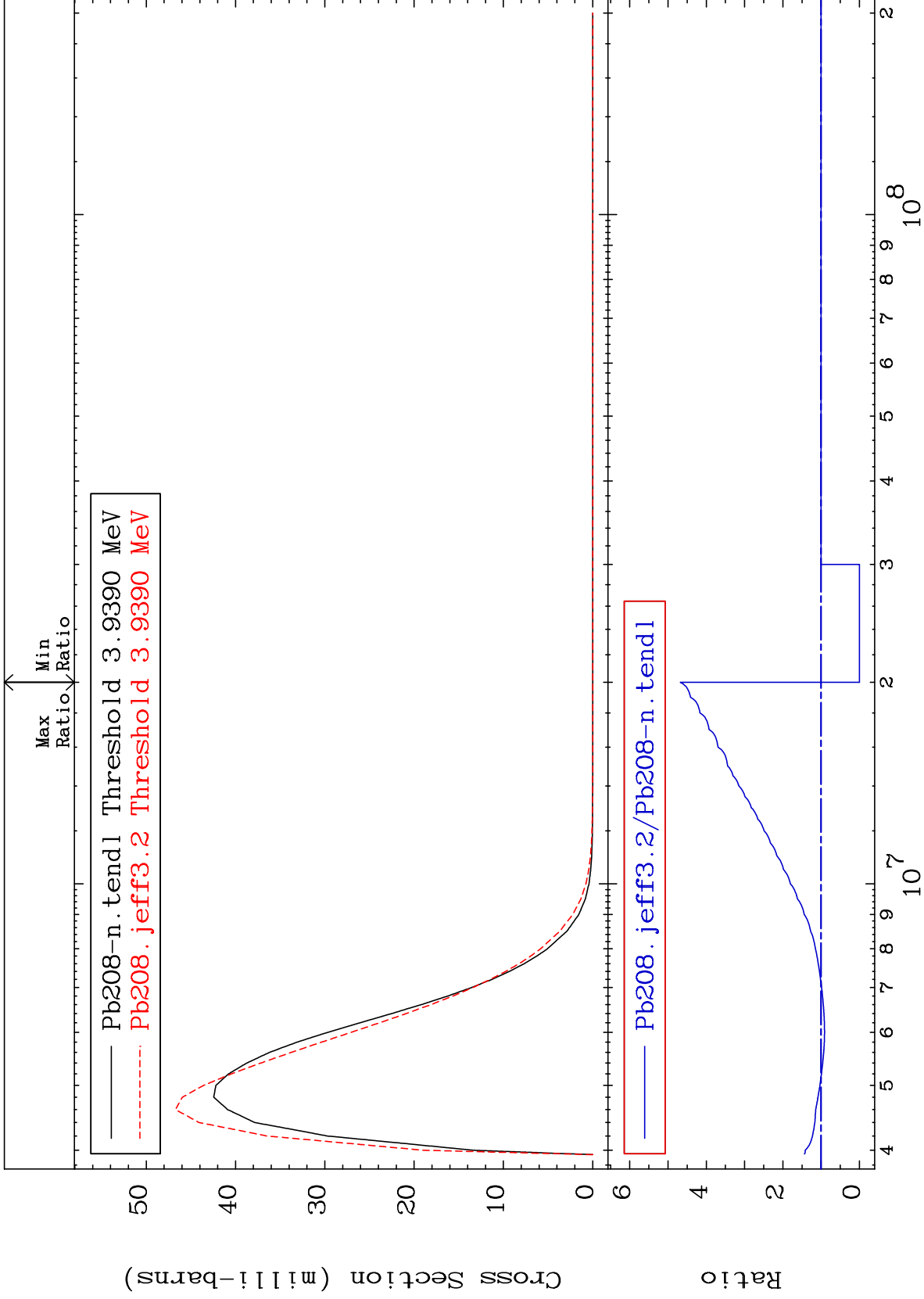
Incident Energy (eV)

82-Pb-208

MAT 8237

3.920 MeV (n,n') Level
Cross Section

82-Pb-208
-100.0 To 367.8 %



17

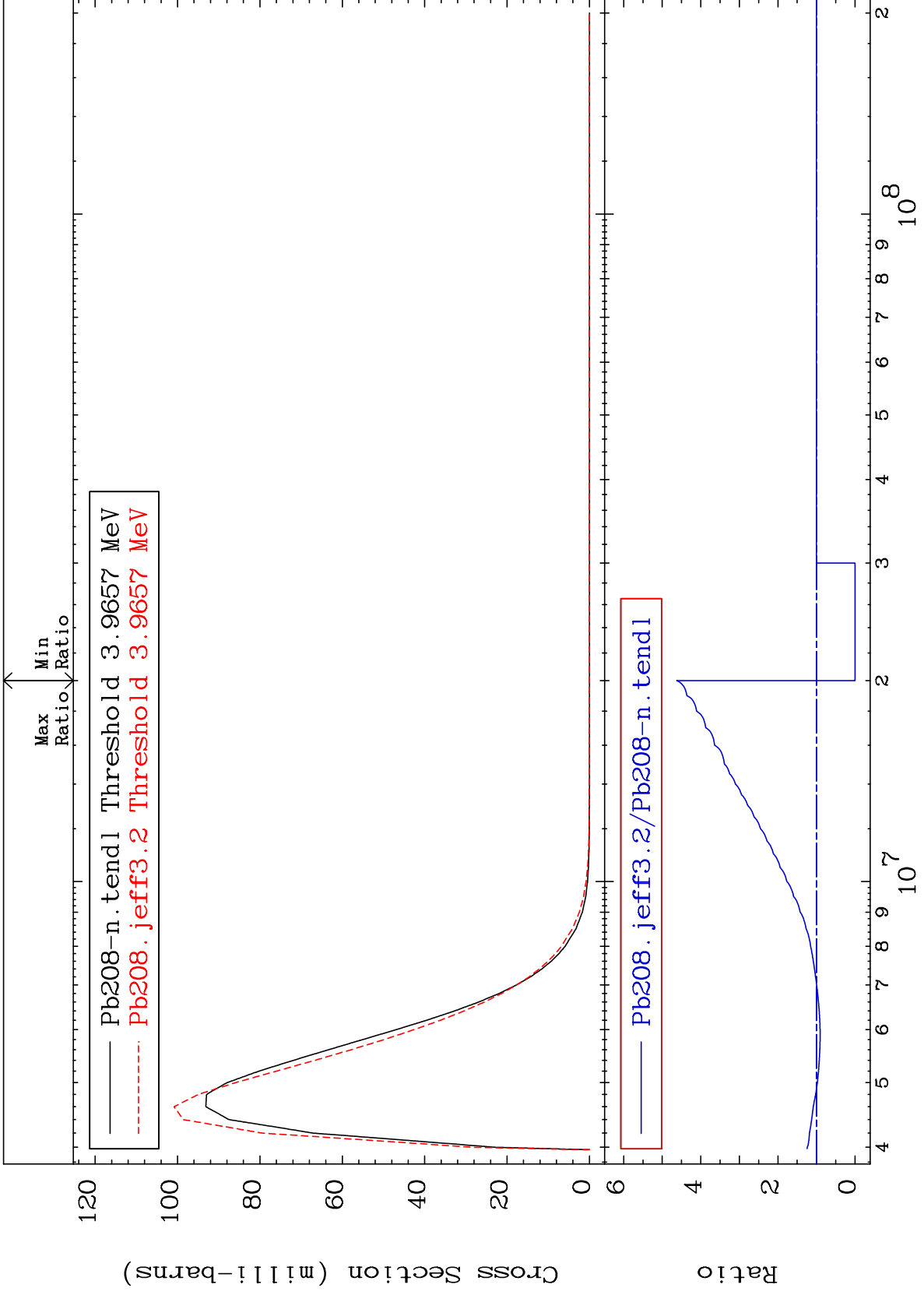
Incident Energy (eV)

82-Pb-208

MAT 8237

3.947 MeV (n,n') Level
Cross Section

82-Pb-208
-100.0 To 362.4 %



18

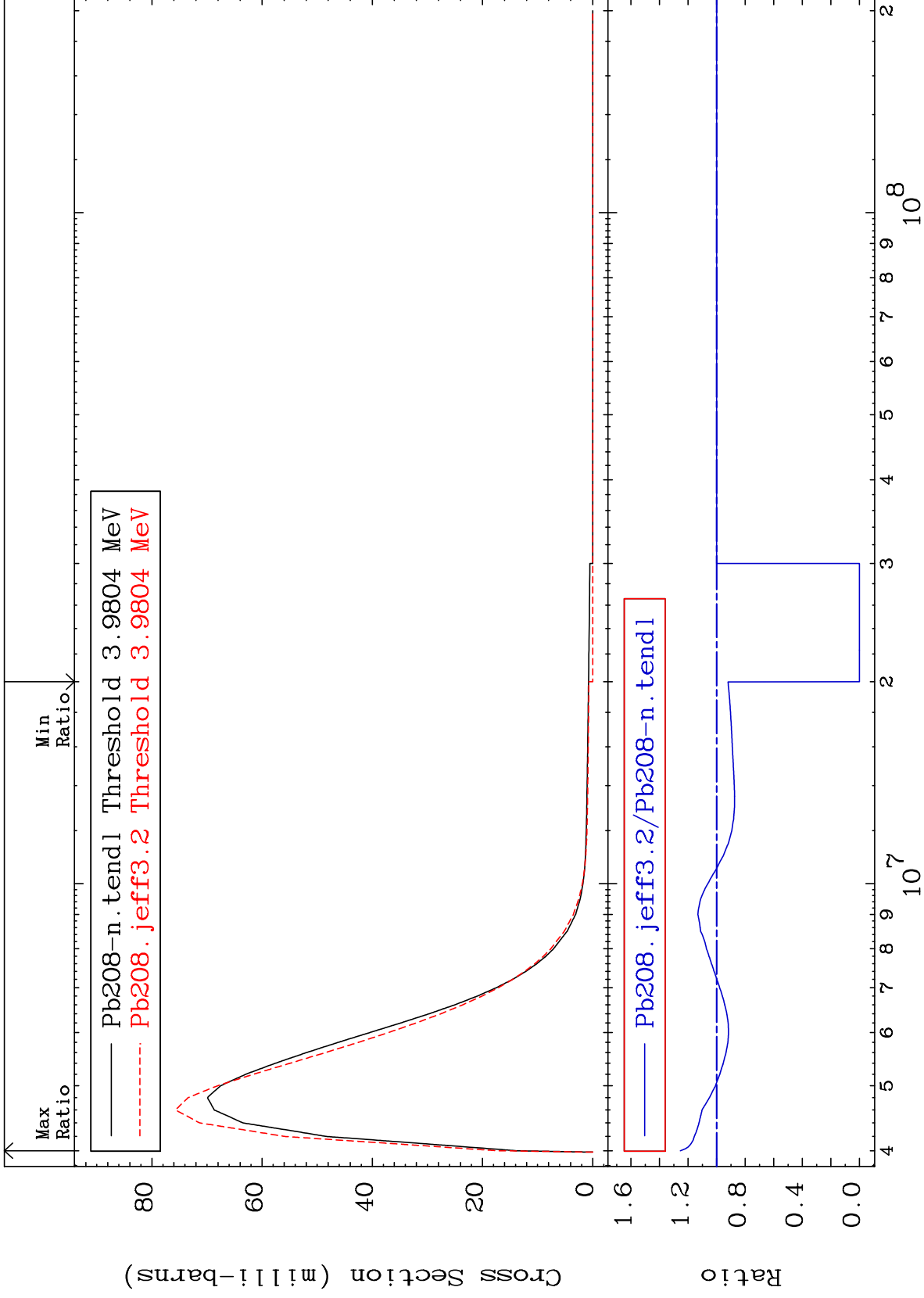
82-Pb-208

82-Pb-208

MAT 8237

3.961 MeV (n,n') Level
Cross Section

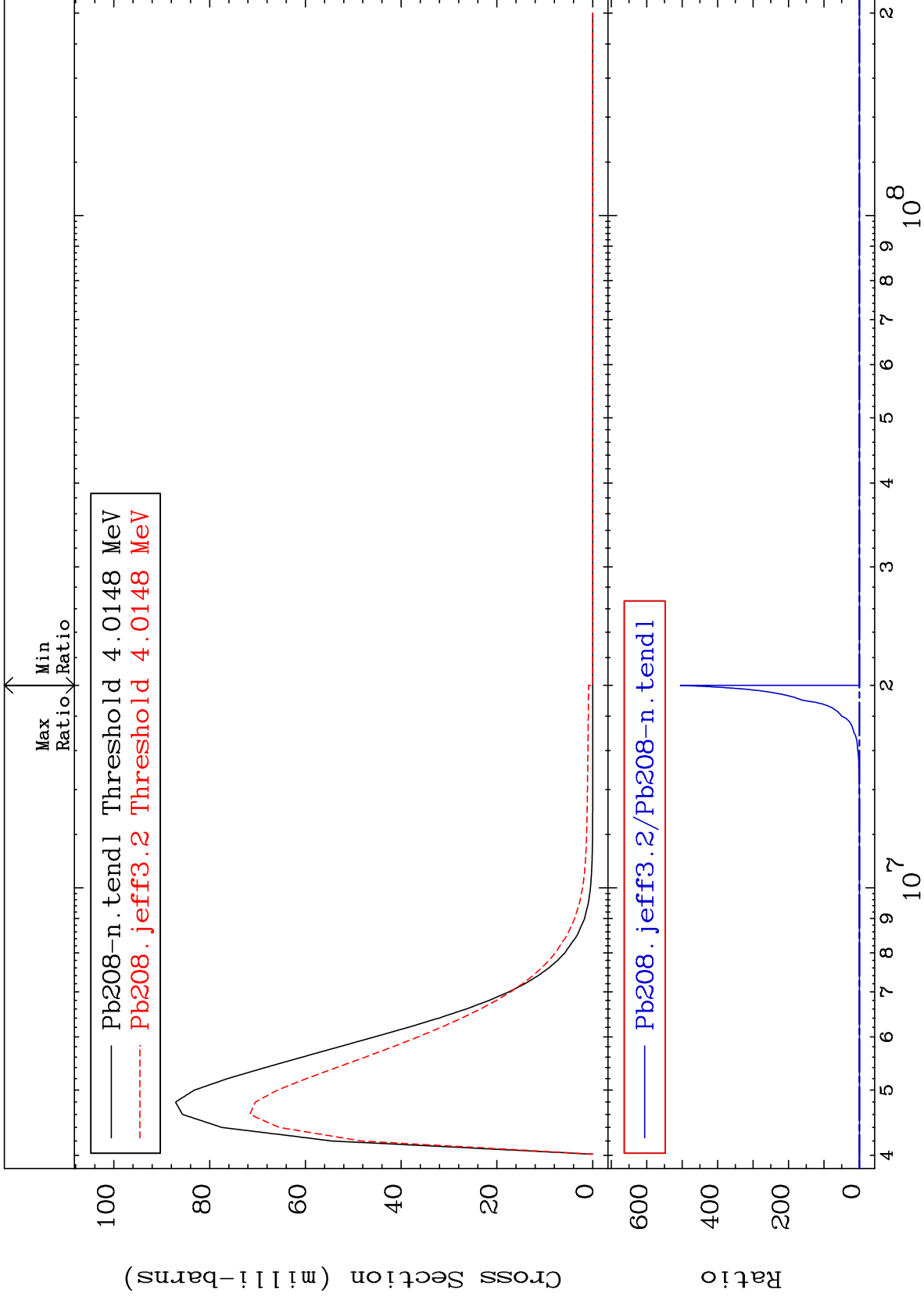
82-Pb-208
-100.0 To 25.39 %



MAT 8237

3.995 MeV (n,n') Level
Cross Section

82-Pb-208
-100.0 To 9999. %



20

82-Pb-208

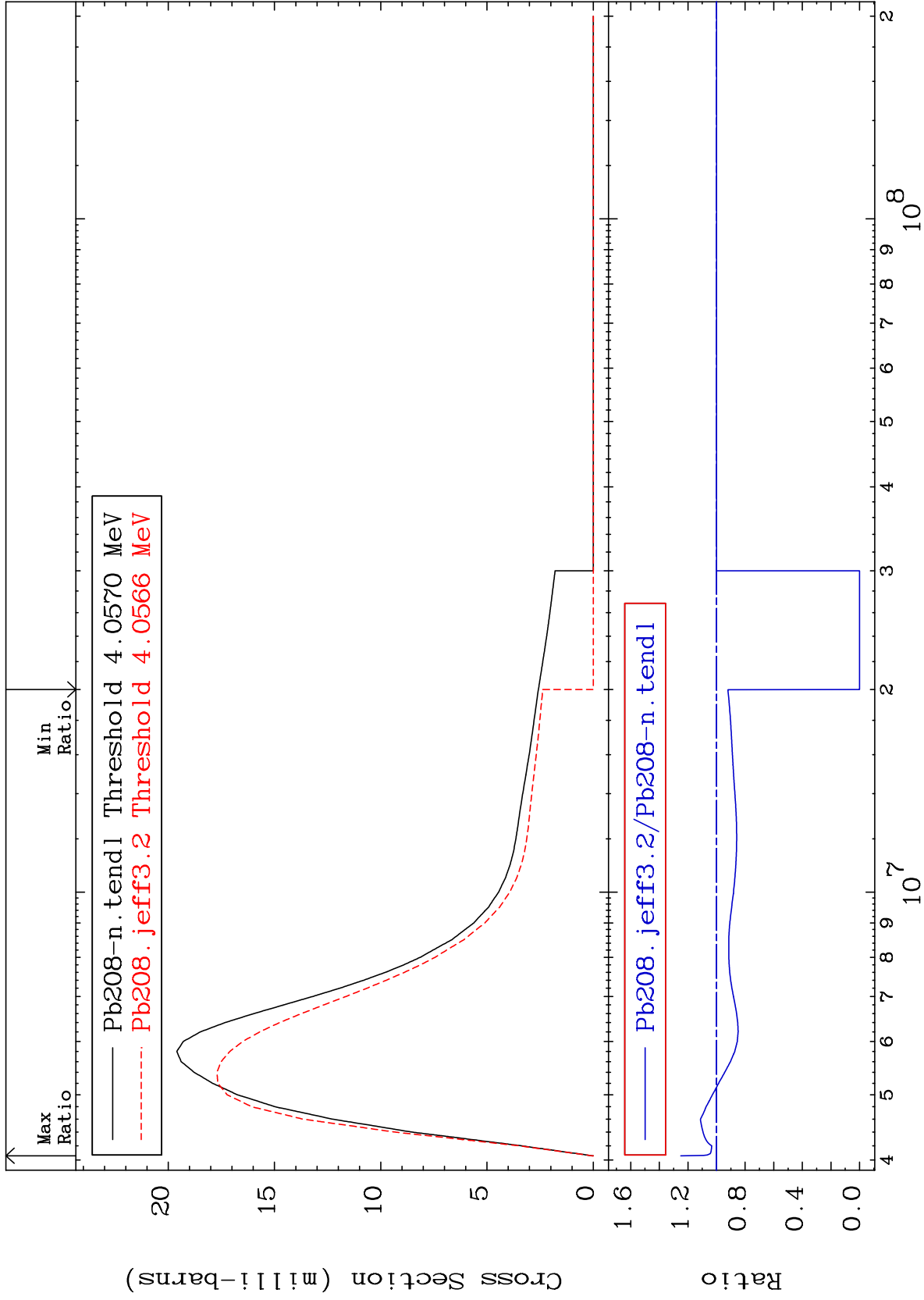
82-Pb-208

MAT 8237

4.037 MeV (n,n') Level

82-Pb-208

-100.0 To 25.00 %



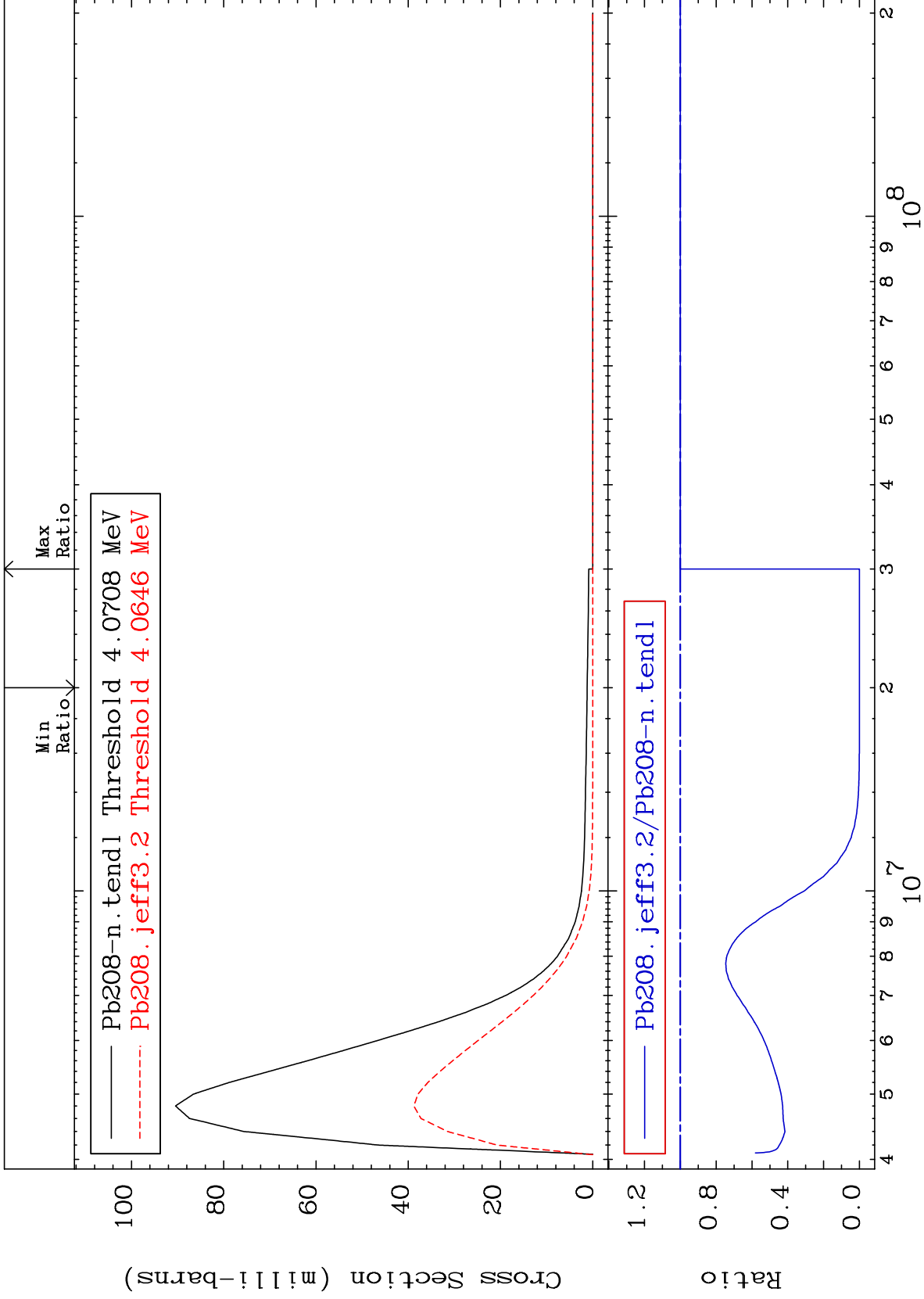
MAT 8237

4.051 MeV (n,n') Level

82-Pb-208

-100.0 To 0.000 %

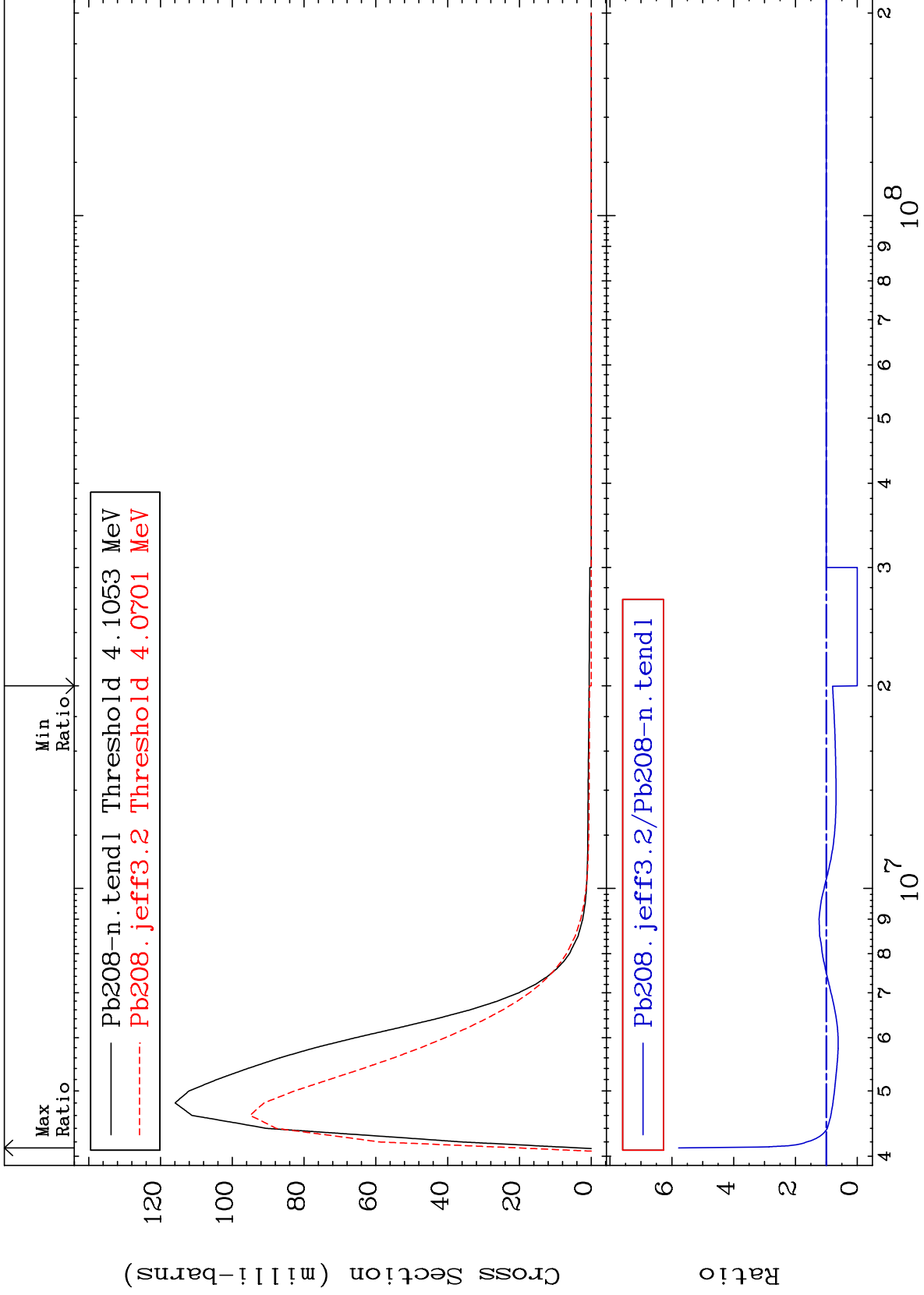
Cross Section



MAT 8237

4.086 MeV (n,n') Level
Cross Section

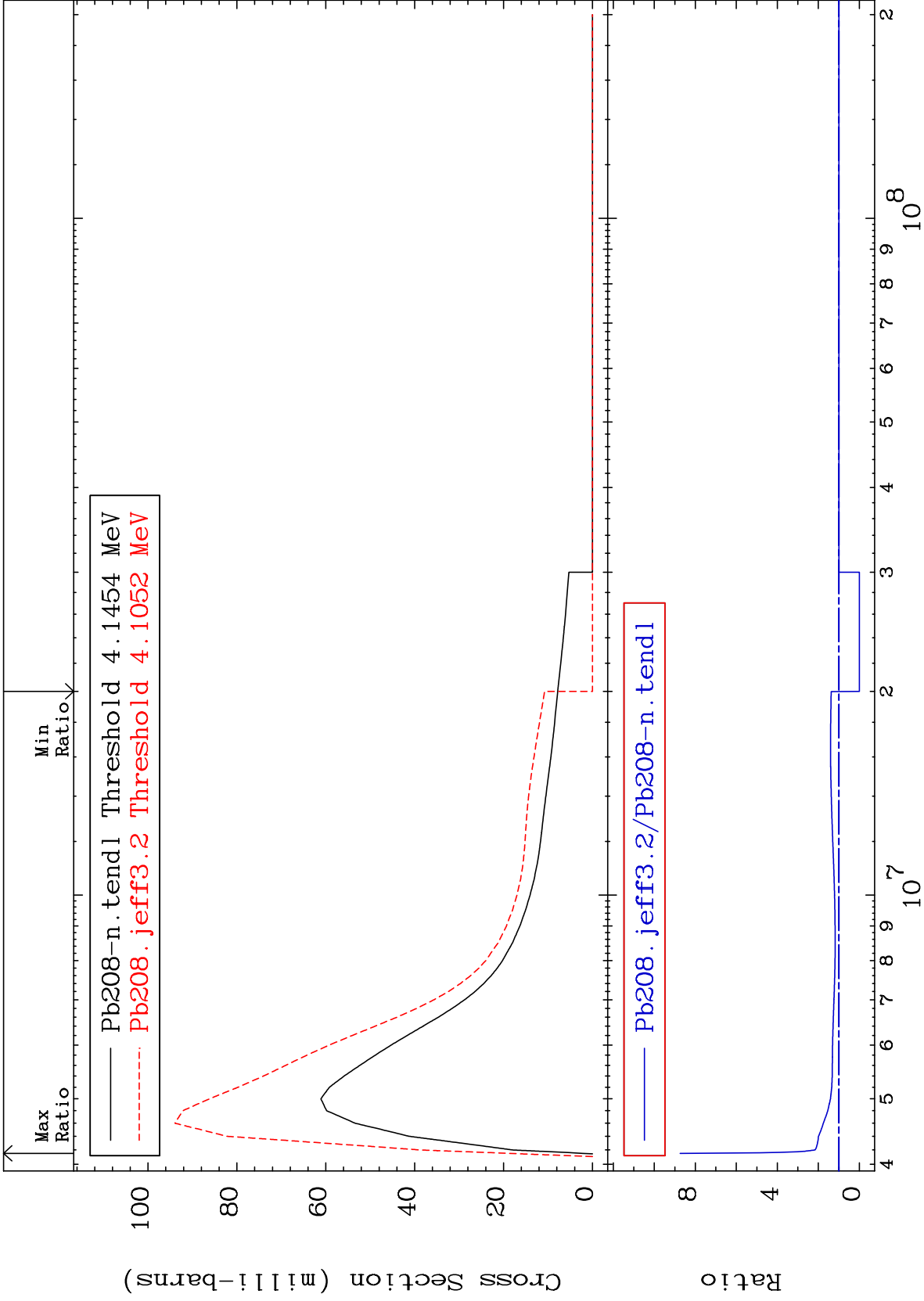
82-Pb-208
-100.0 To 478.0 %



MAT 8237

4.125 MeV (n,n') Level
Cross Section

82-Pb-208
-100.0 To 773.9 %



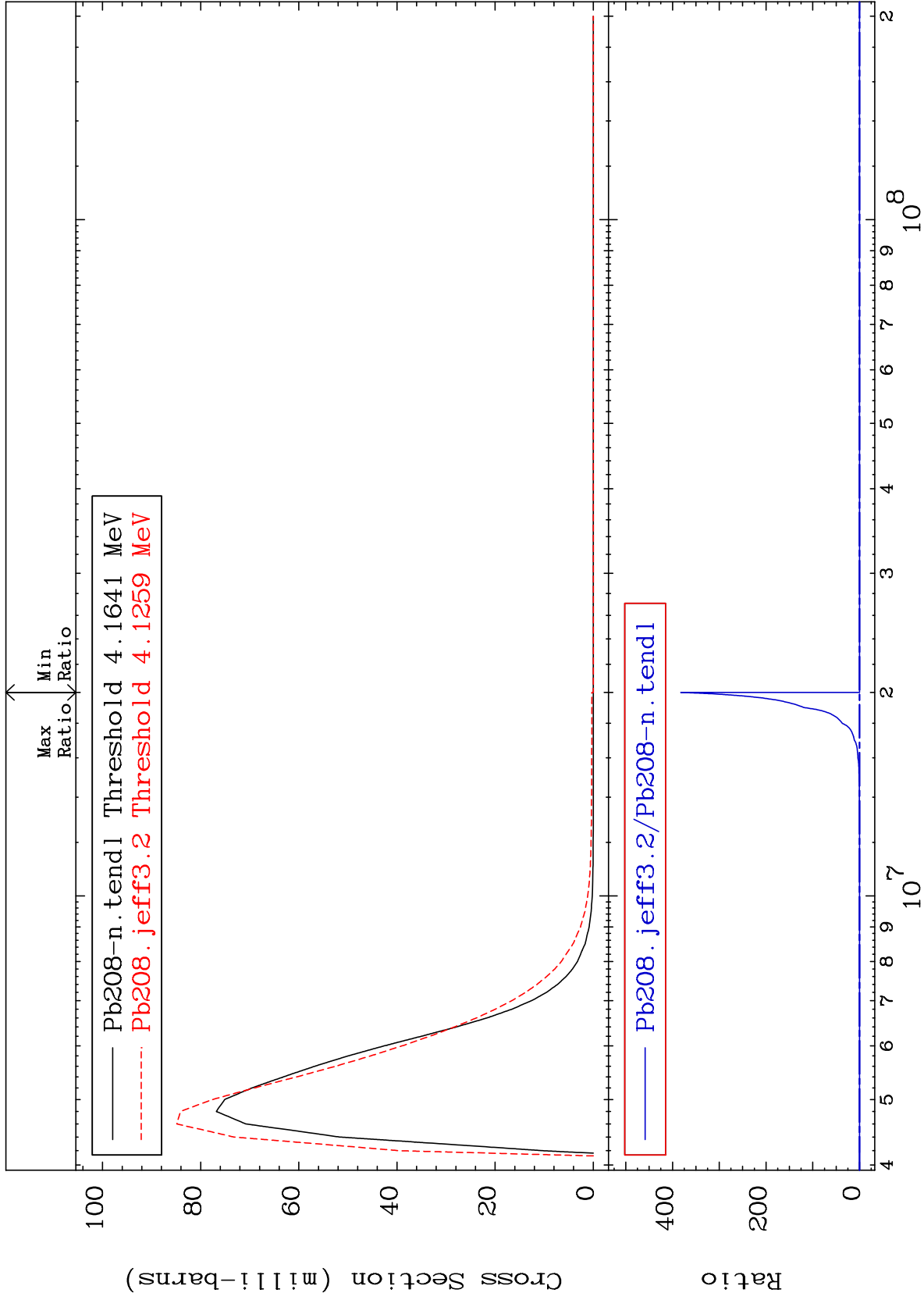
MAT 8237

4.144 MeV (n,n') Level

82-Pb-208

-100.0 To 9999. %

Cross Section



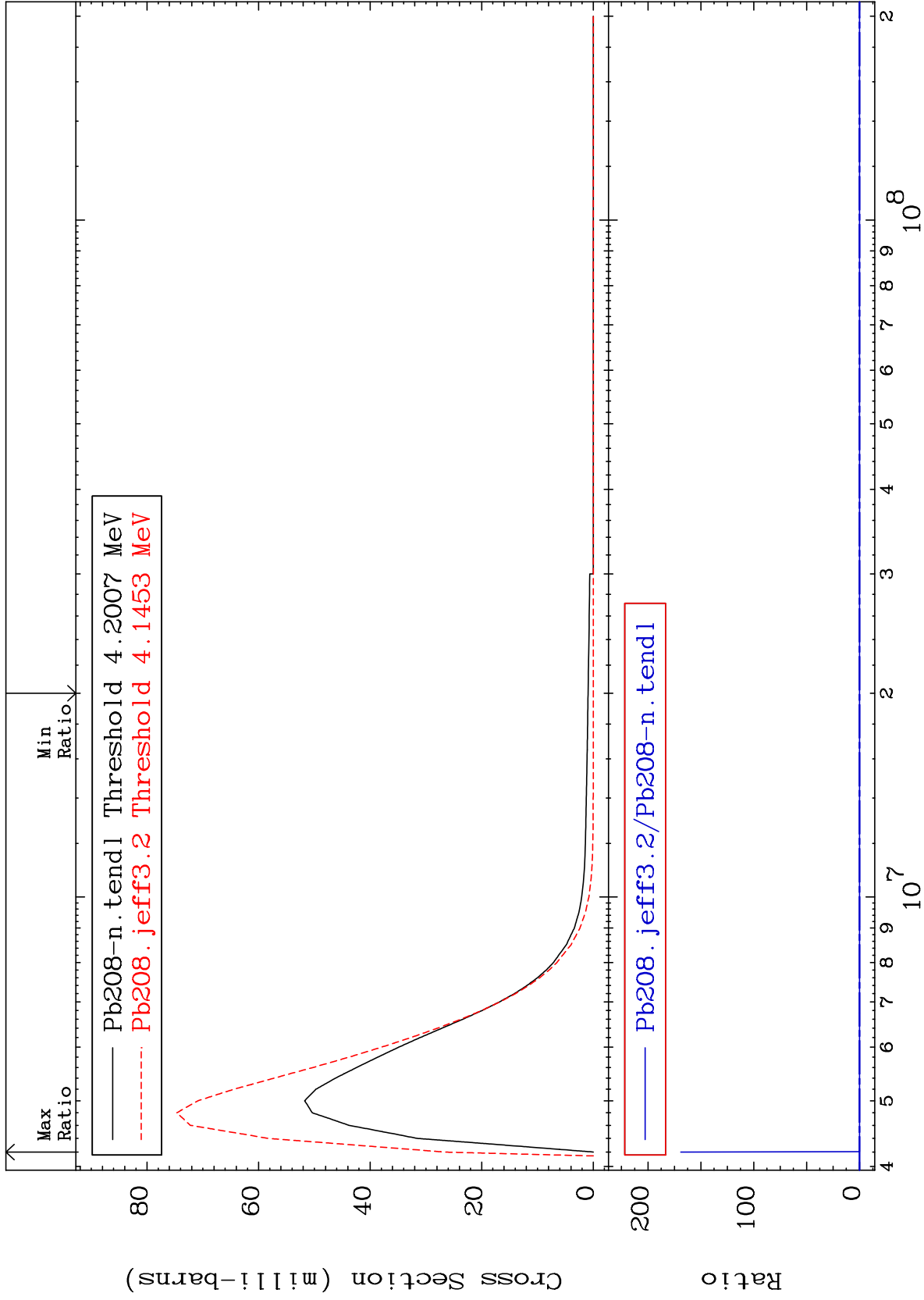
25

82-Pb-208

MAT 8237

4.180 MeV (n,n') Level
Cross Section

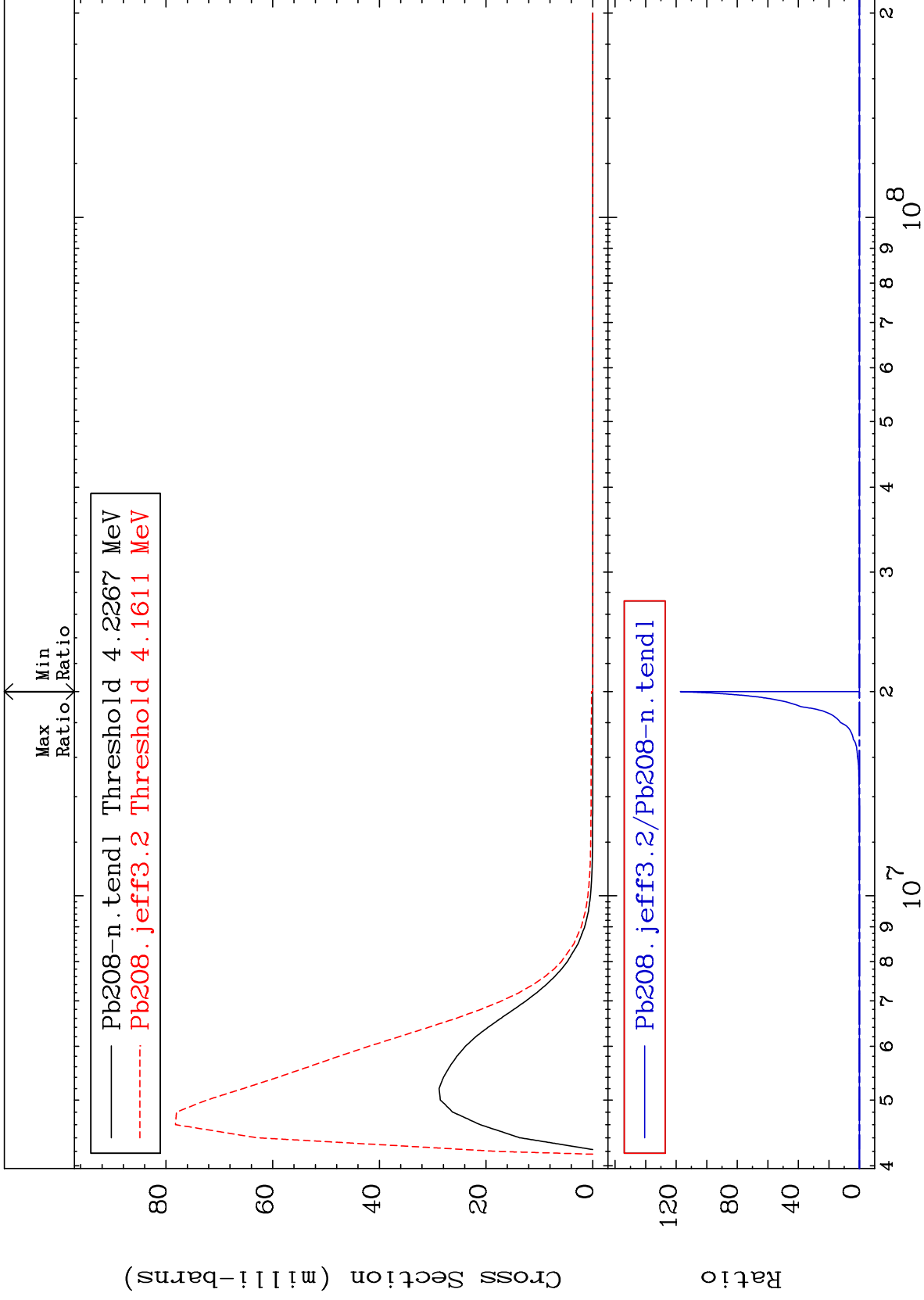
82-Pb-208
-100.0 To 9999. %



MAT 8237

4.206 MeV (n,n') Level
Cross Section

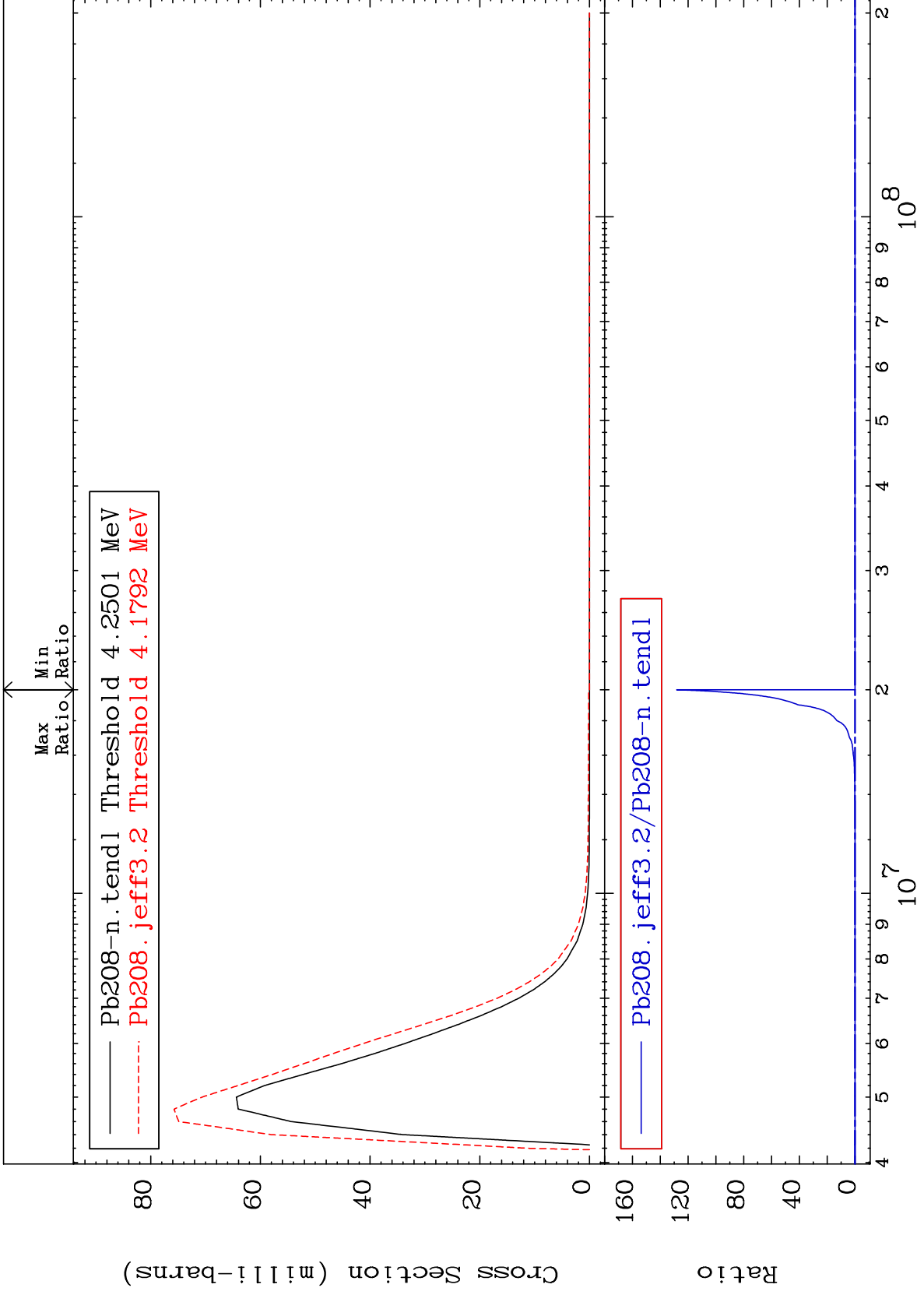
82-Pb-208
-100.0 To 9999. %



MAT 8237

4.230 MeV (n,n') Level
Cross Section

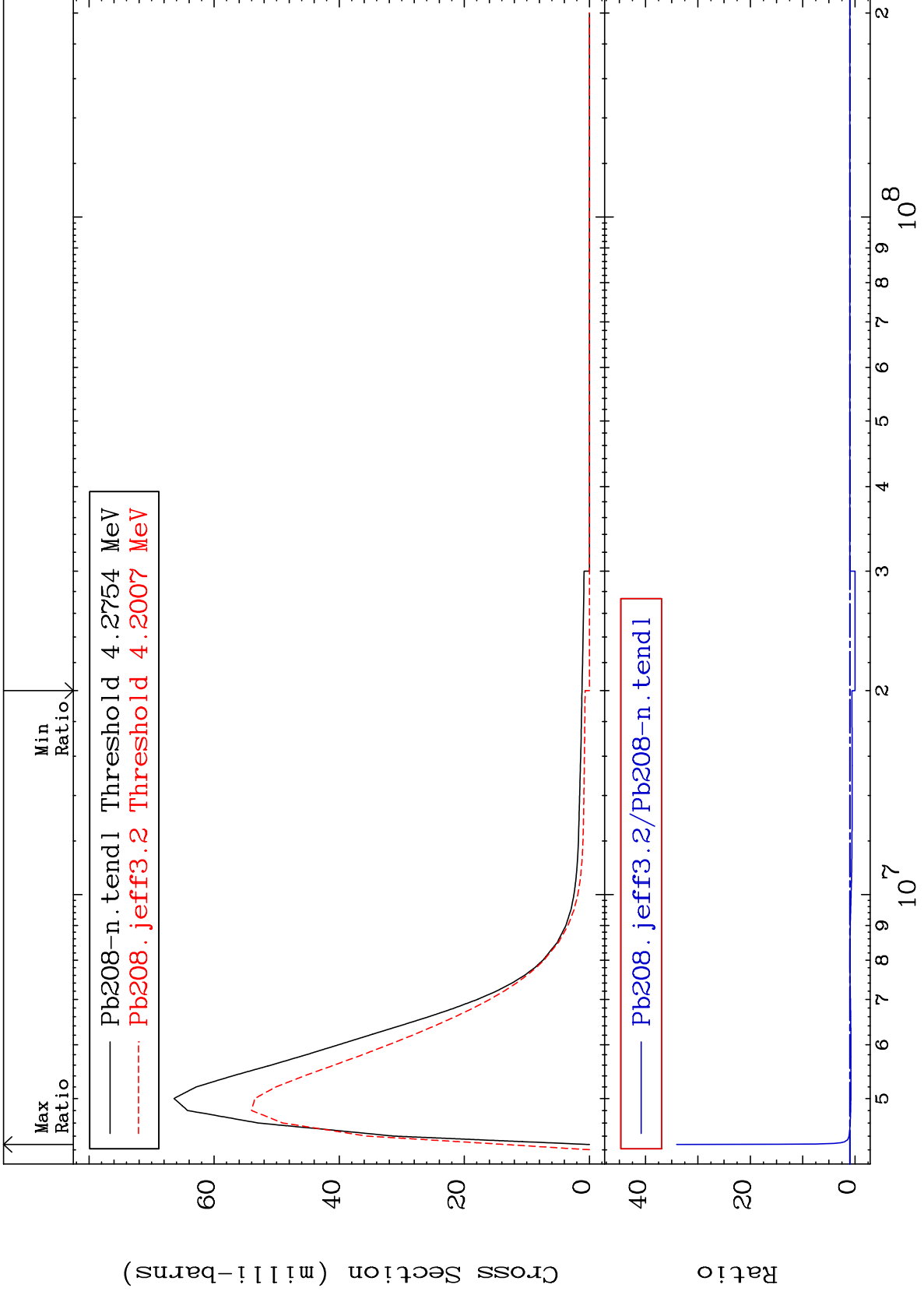
82-Pb-208
-100.0 To 9999. %



MAT 8237

4.255 MeV (n,n') Level
Cross Section

82-Pb-208
-100.0 To 3304. %



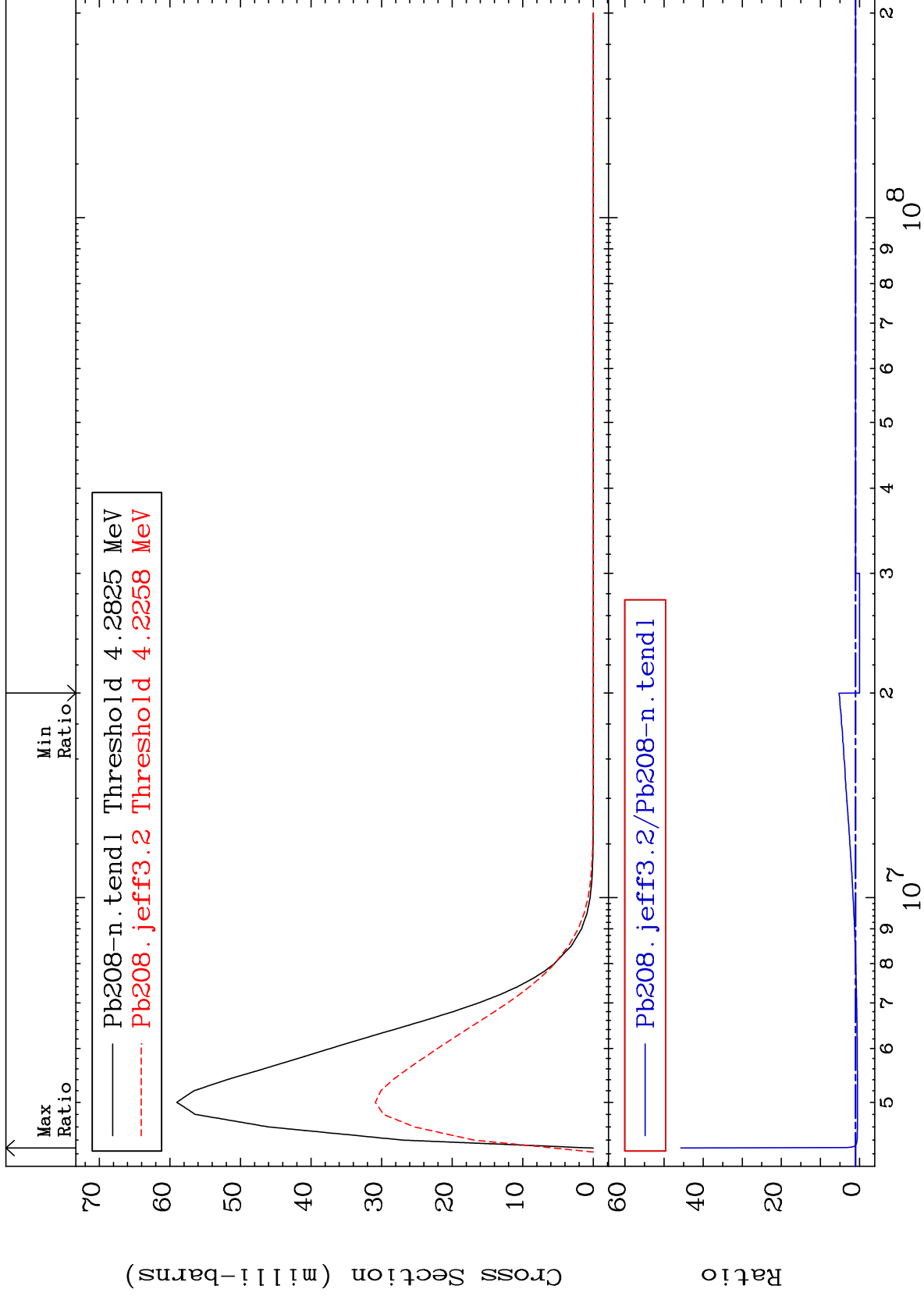
MAT 8237

4.262 MeV (n,n') Level

82-Pb-208

-100.0 To 4473. %

Cross Section



30

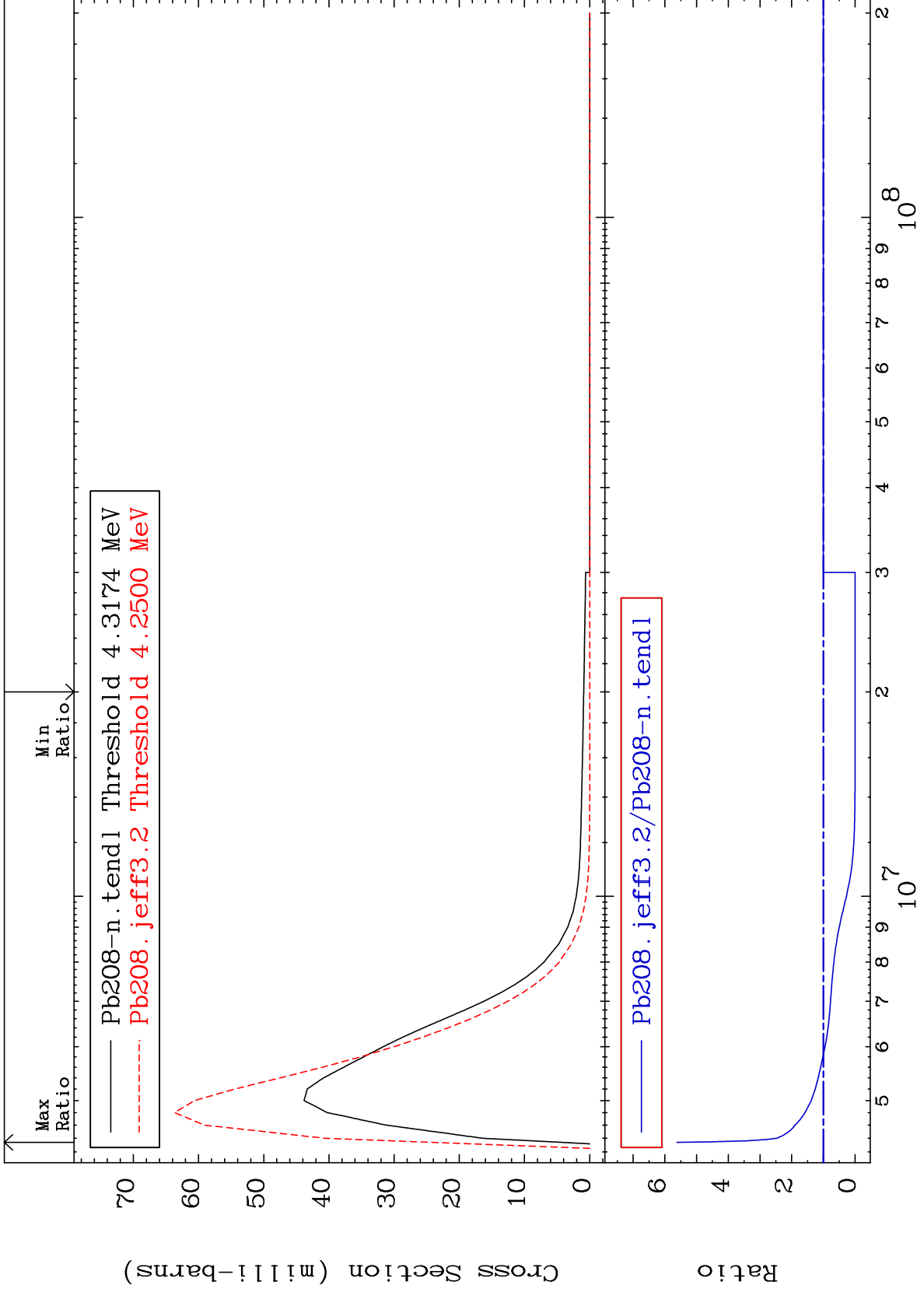
Incident Energy (eV)

82-Pb-208

MAT 8237

4.297 MeV (n,n') Level
Cross Section

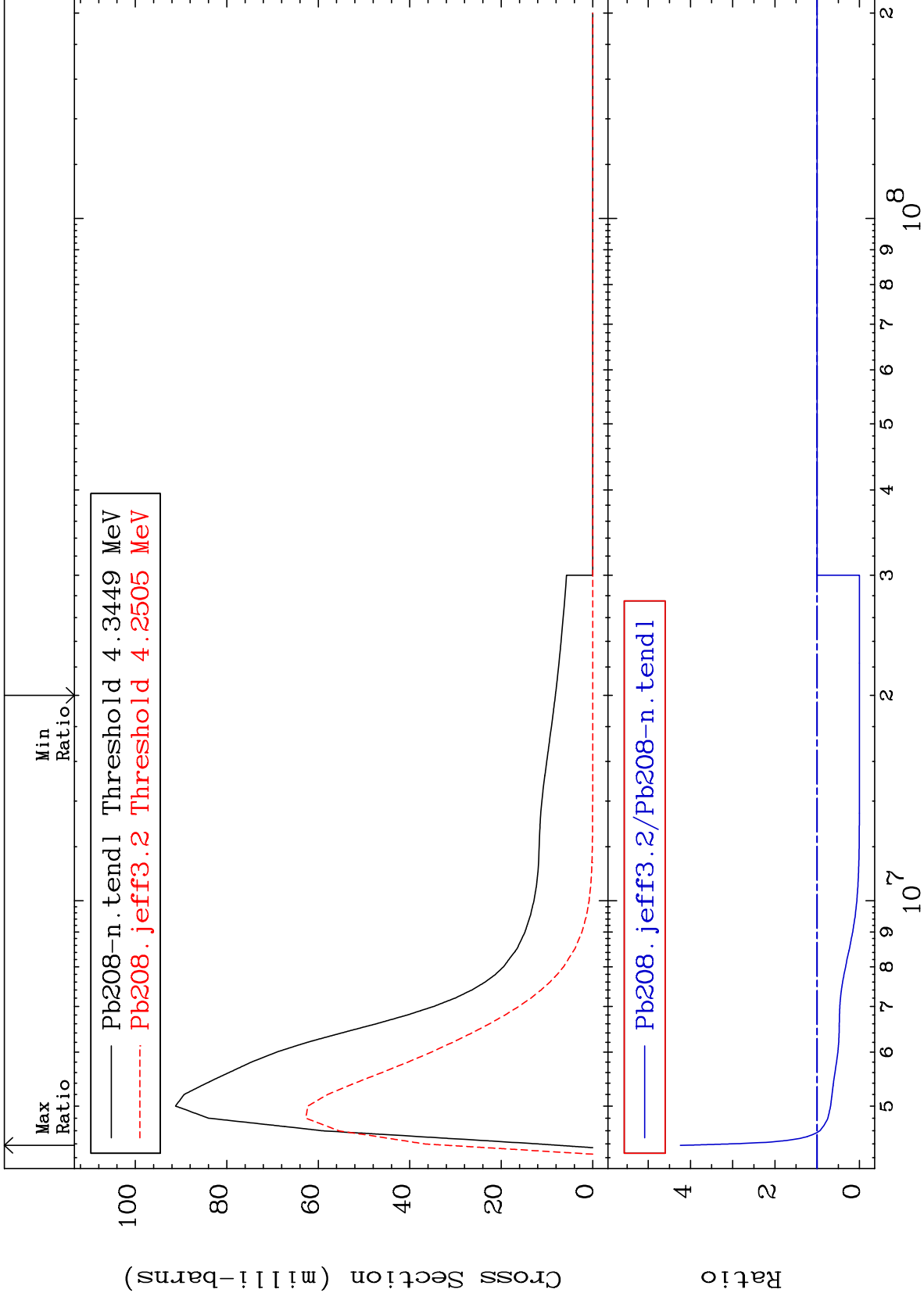
82-Pb-208
-100.0 To 462.0 %

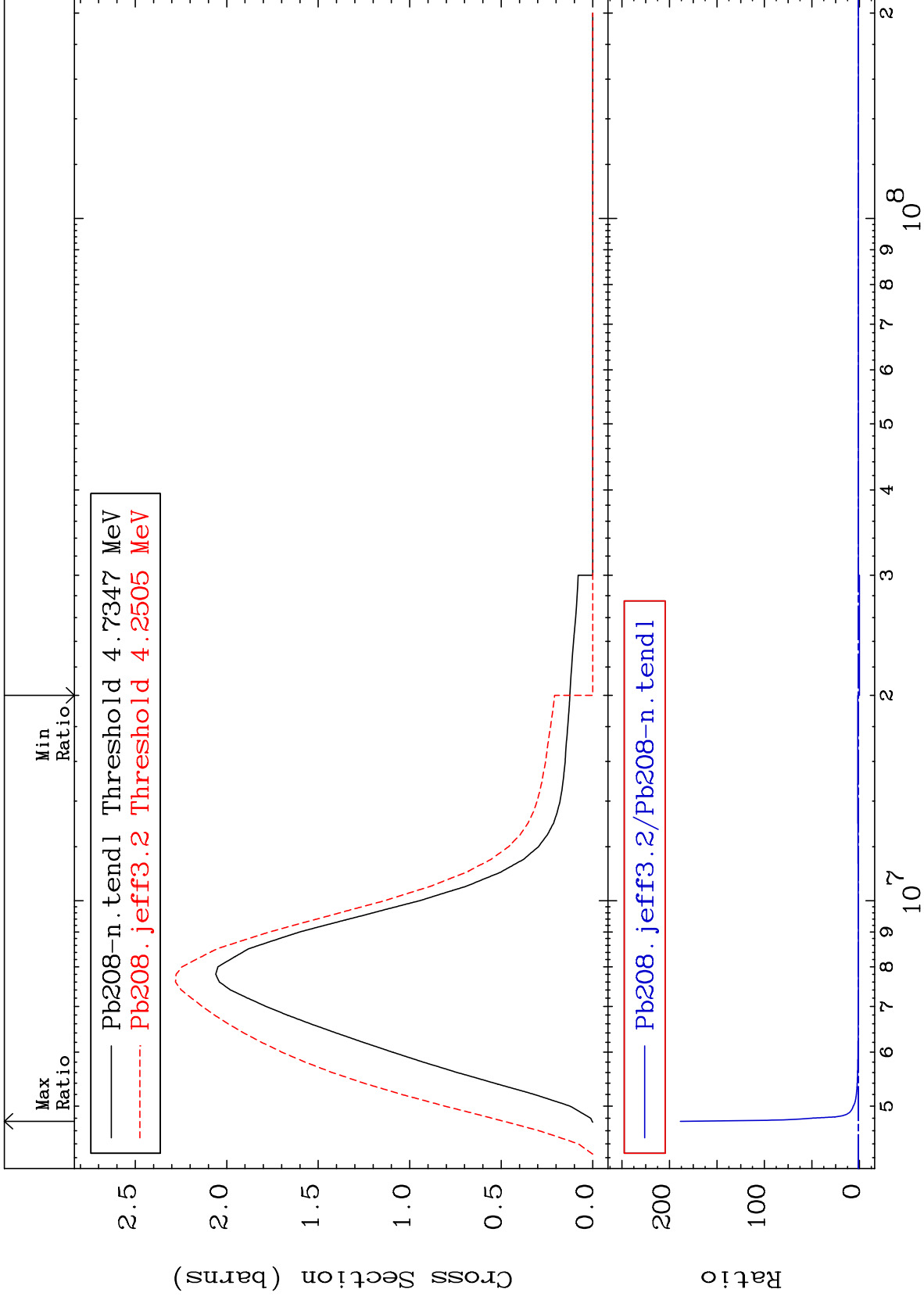


MAT 8237

4.324 MeV (n,n') Level
Cross Section

82-Pb-208
-100.0 To 324.0 %

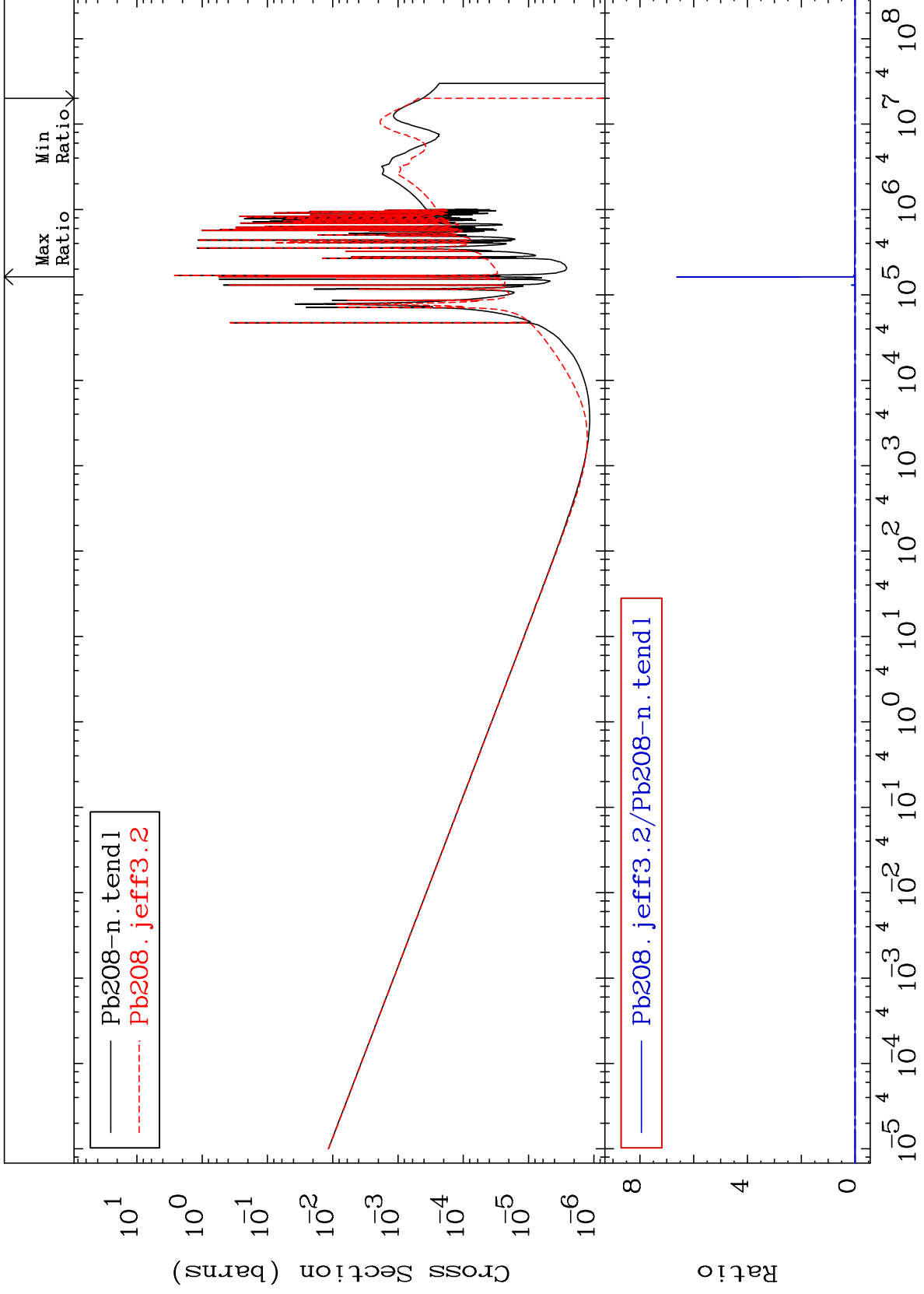




MAT 8237

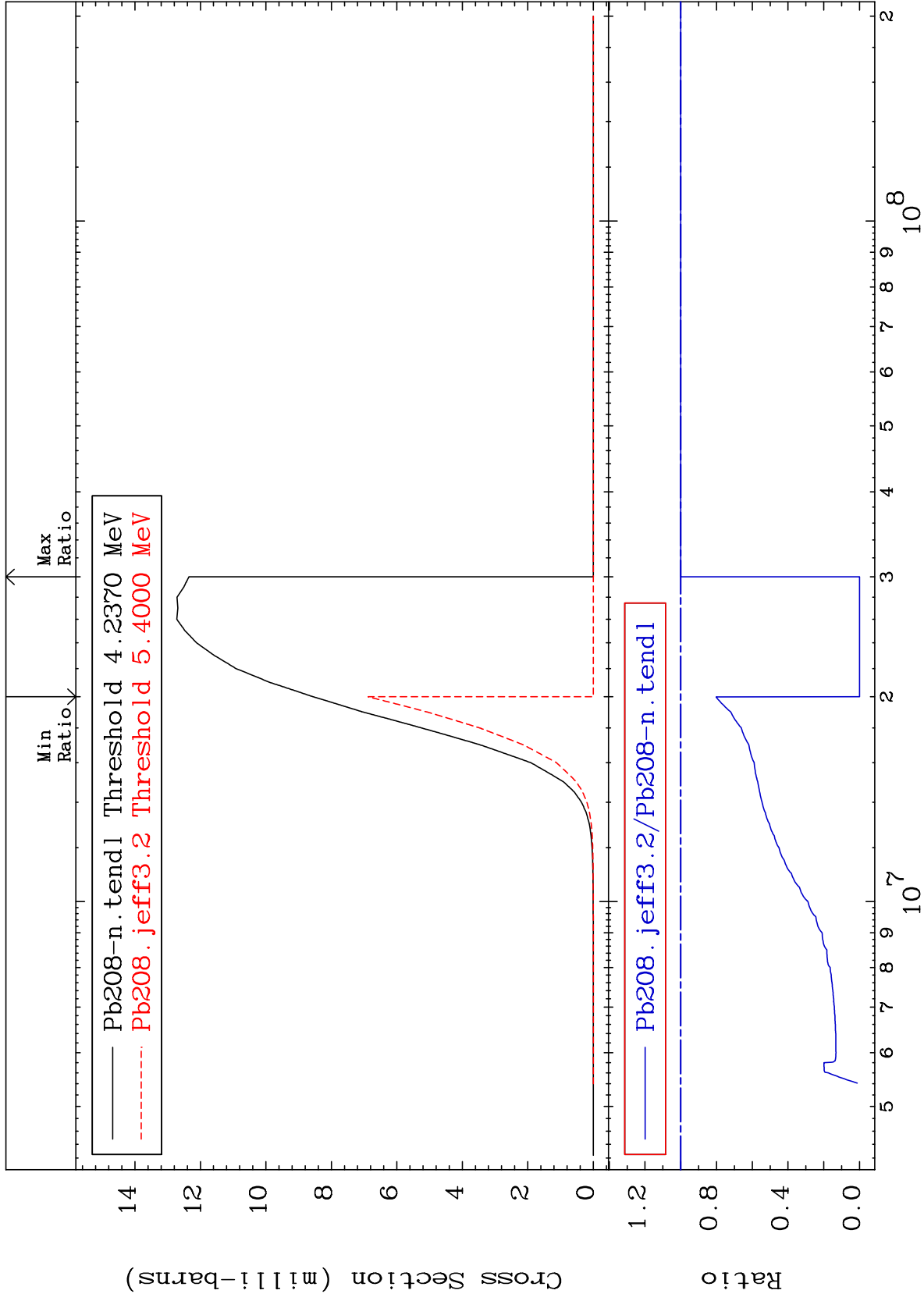
(n, γ)
Cross Section

82-Pb-208
-100.0 To 9999. %



MAT 8237

(n, p) Cross Section
82-Pb-208
-100.0 To 0.000 %



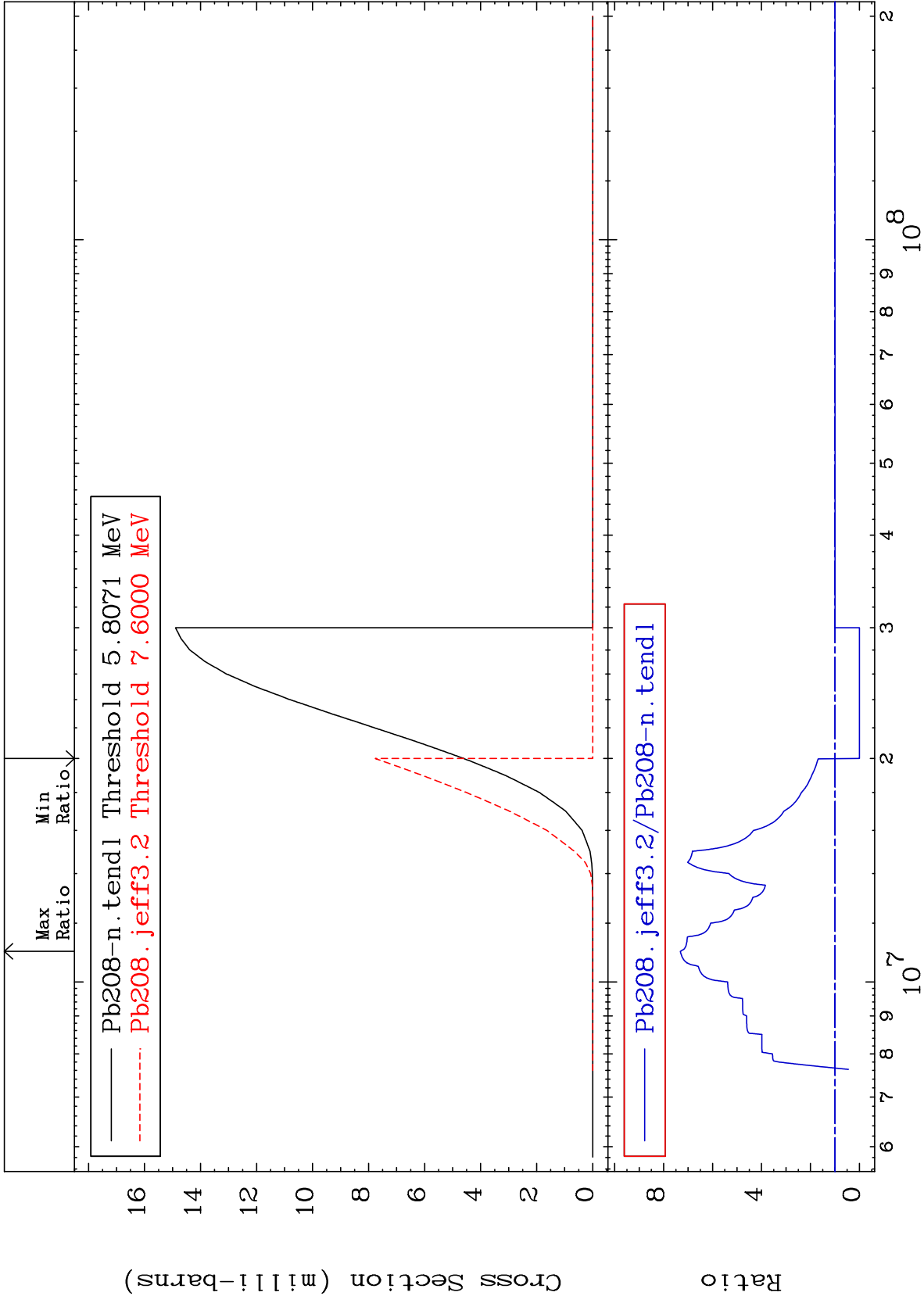
MAT 8237

(n, d)

82-Pb-208

Cross Section

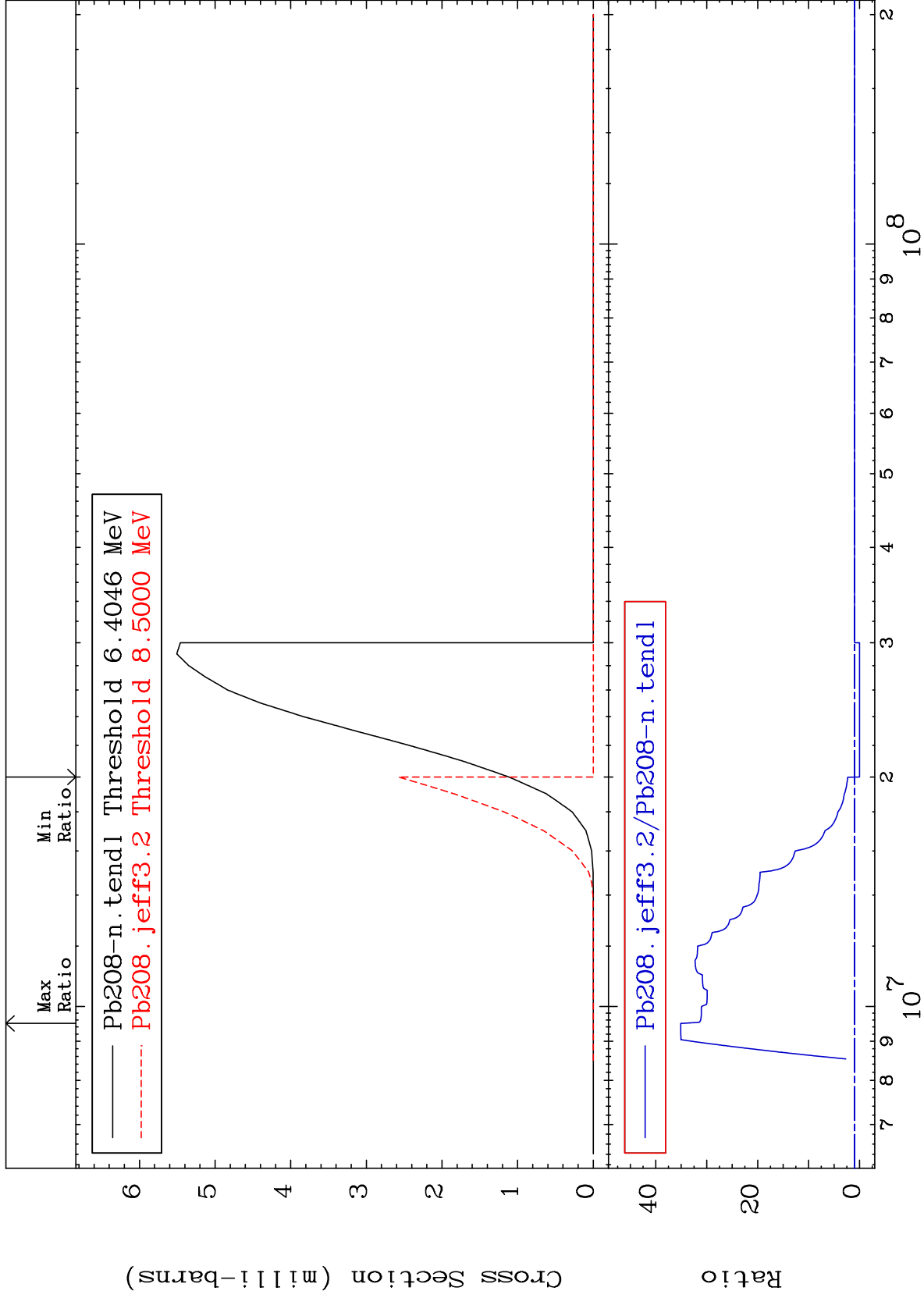
-100.0 To 631.6 %



36

82-Pb-208

82-Pb-208



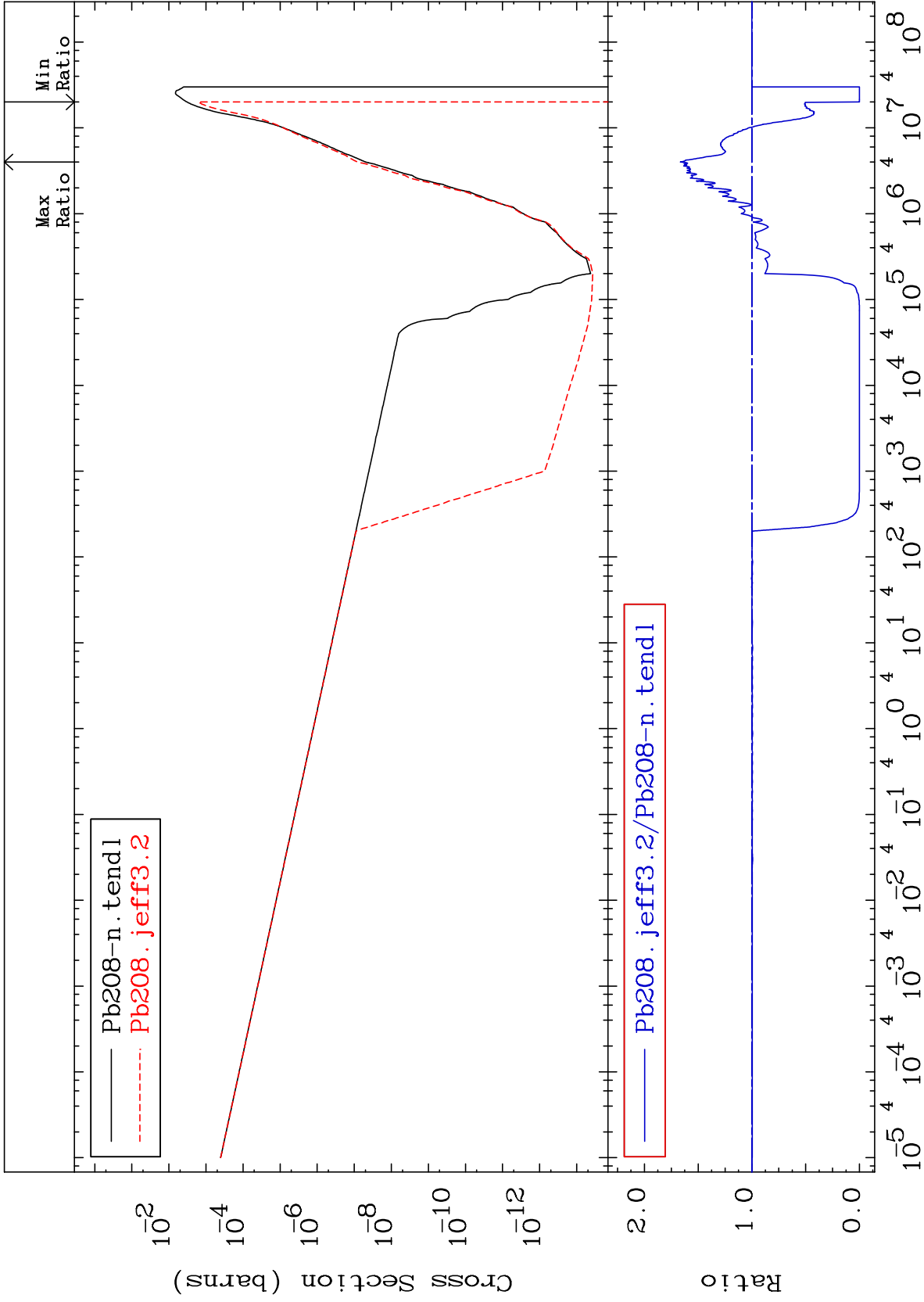
MAT 8237

(n, α)

82-Pb-208

Cross Section

-100.0 To 66.56 %



Incident Energy (eV)

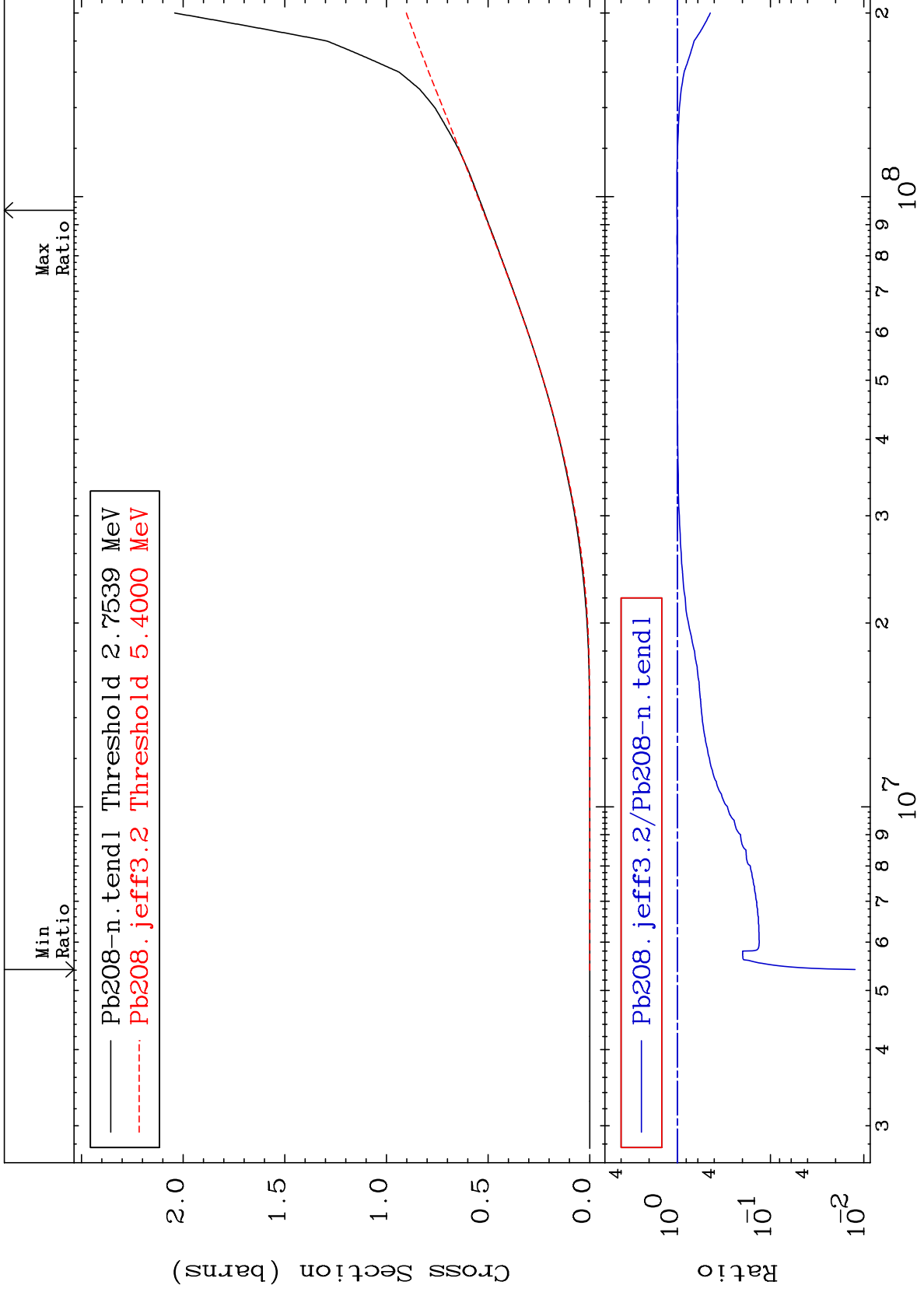
82-Pb-208

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MAT 8237

Hydrogen Production
Cross Section

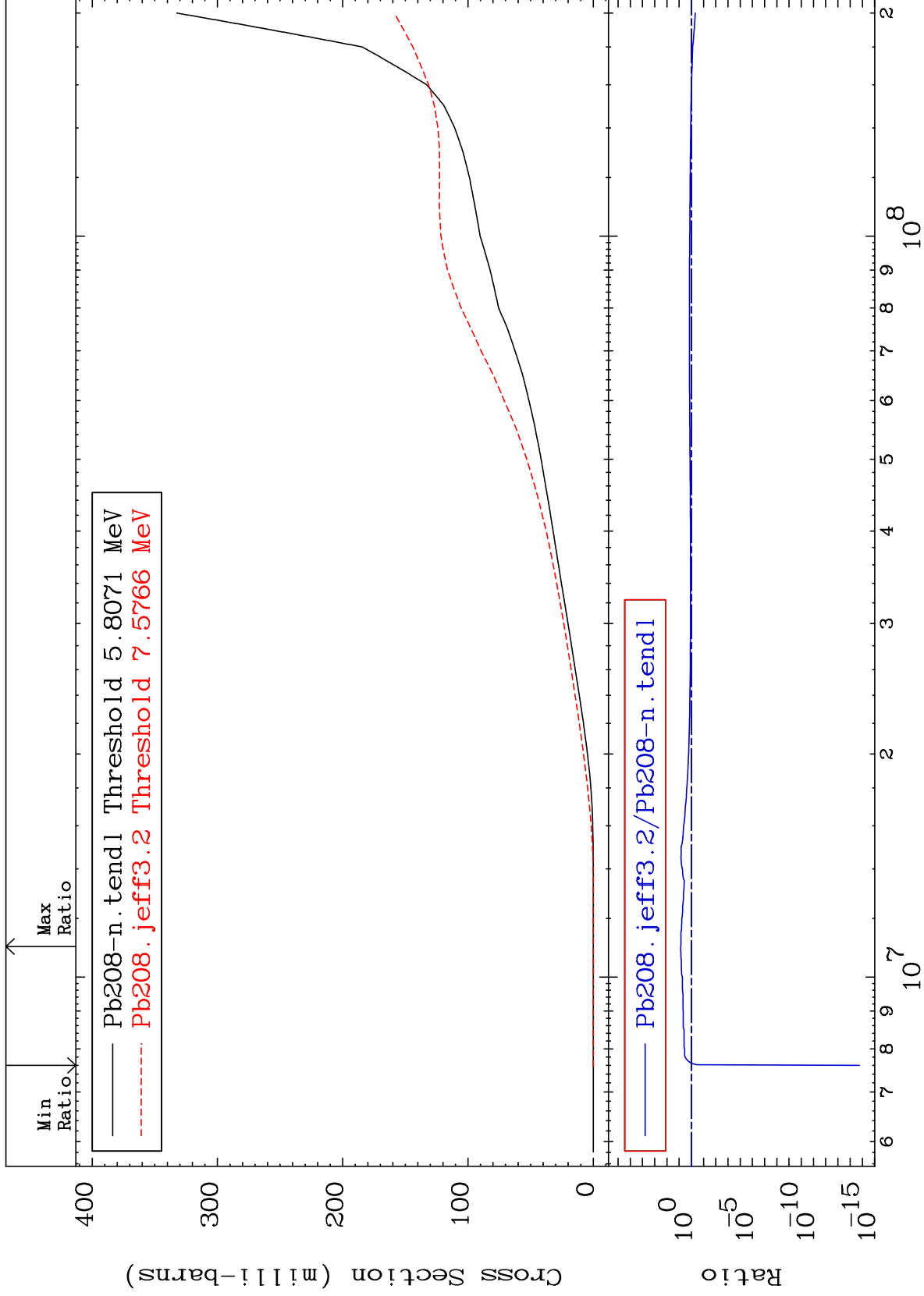
82-Pb-208
-98.76 To 0.680 %



MAT 8237

Deuterium Production
Cross Section

82-Pb-208
-100.0 To 631.6 %



40

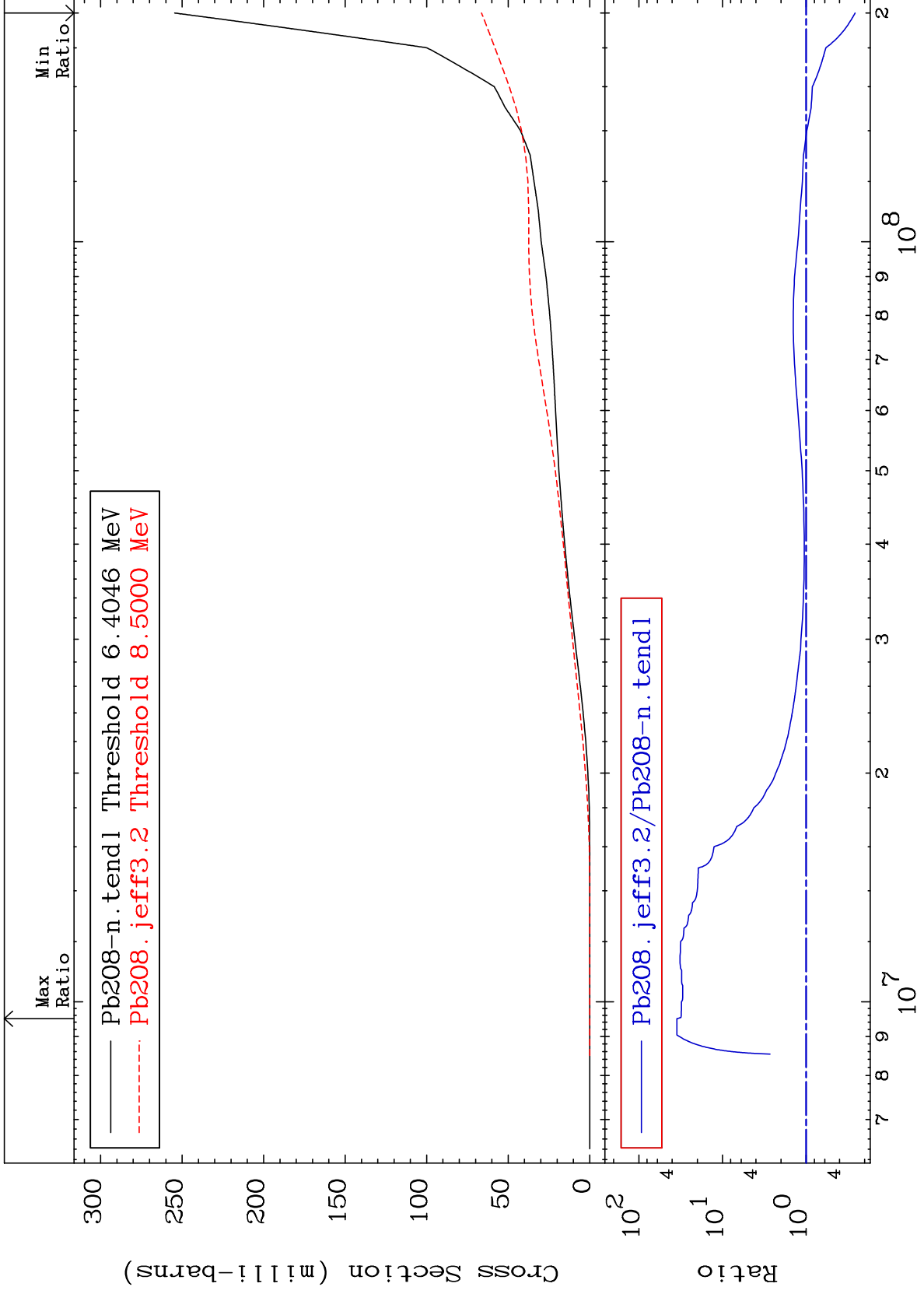
Incident Energy (eV)

82-Pb-208

MAT 8237

Tritium Production
Cross Section

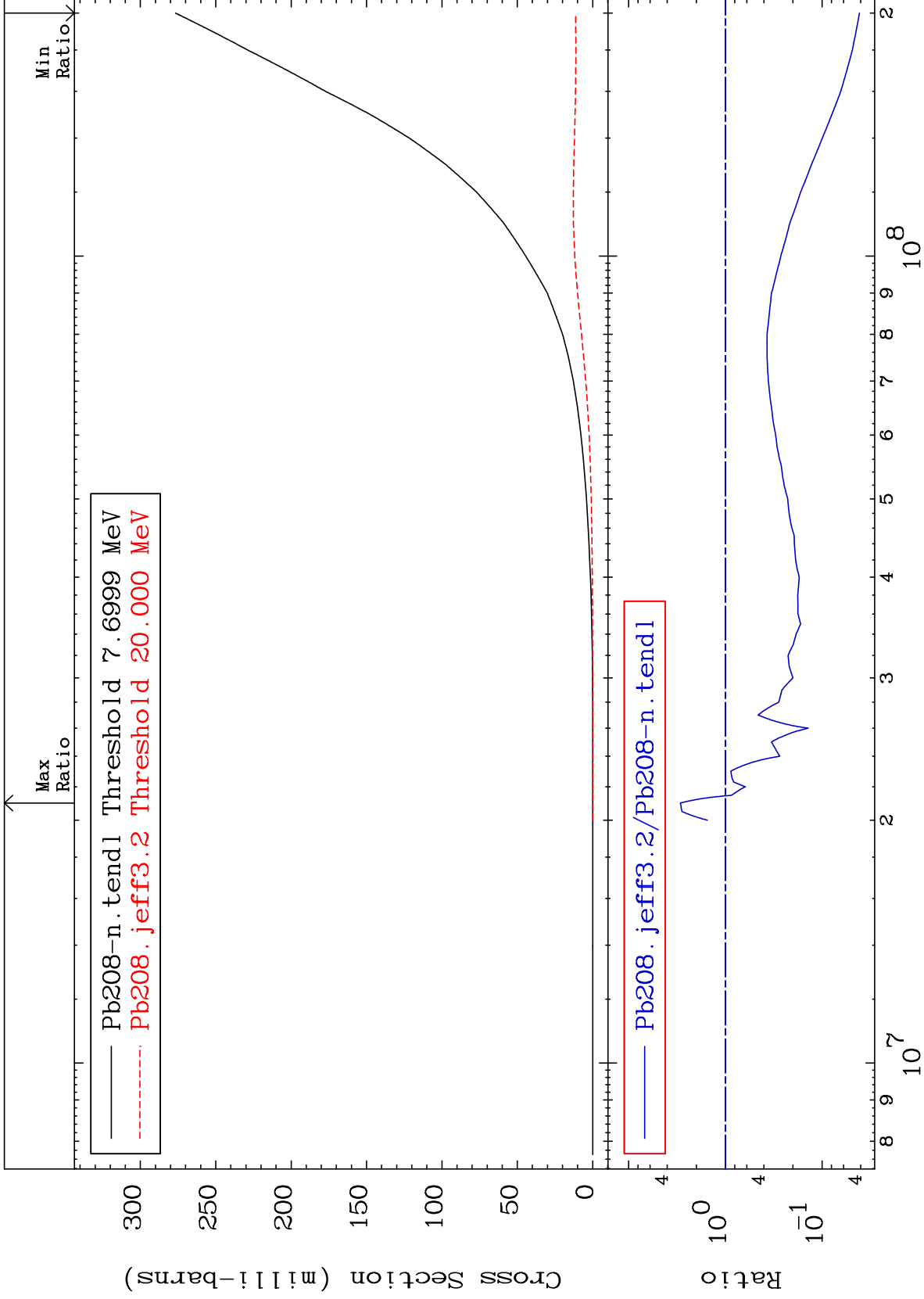
82-Pb-208
-73.94 To 3409. %



MAT 8237

He-3 Production
Cross Section

82-Pb-208
-95.89 To 192.2 %



42

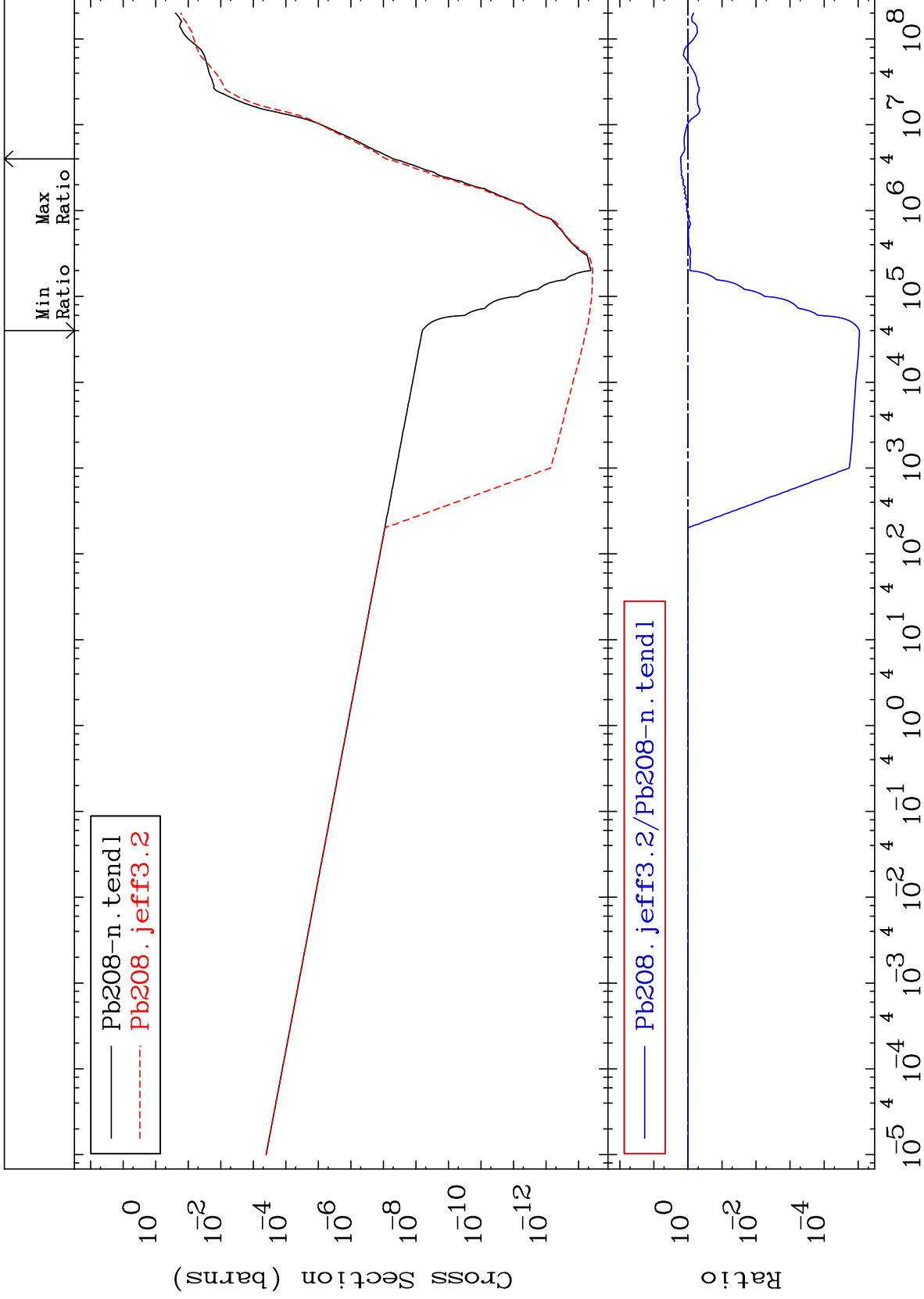
Incident Energy (eV)

82-Pb-208

MAT 8237

He-4 Production
Cross Section

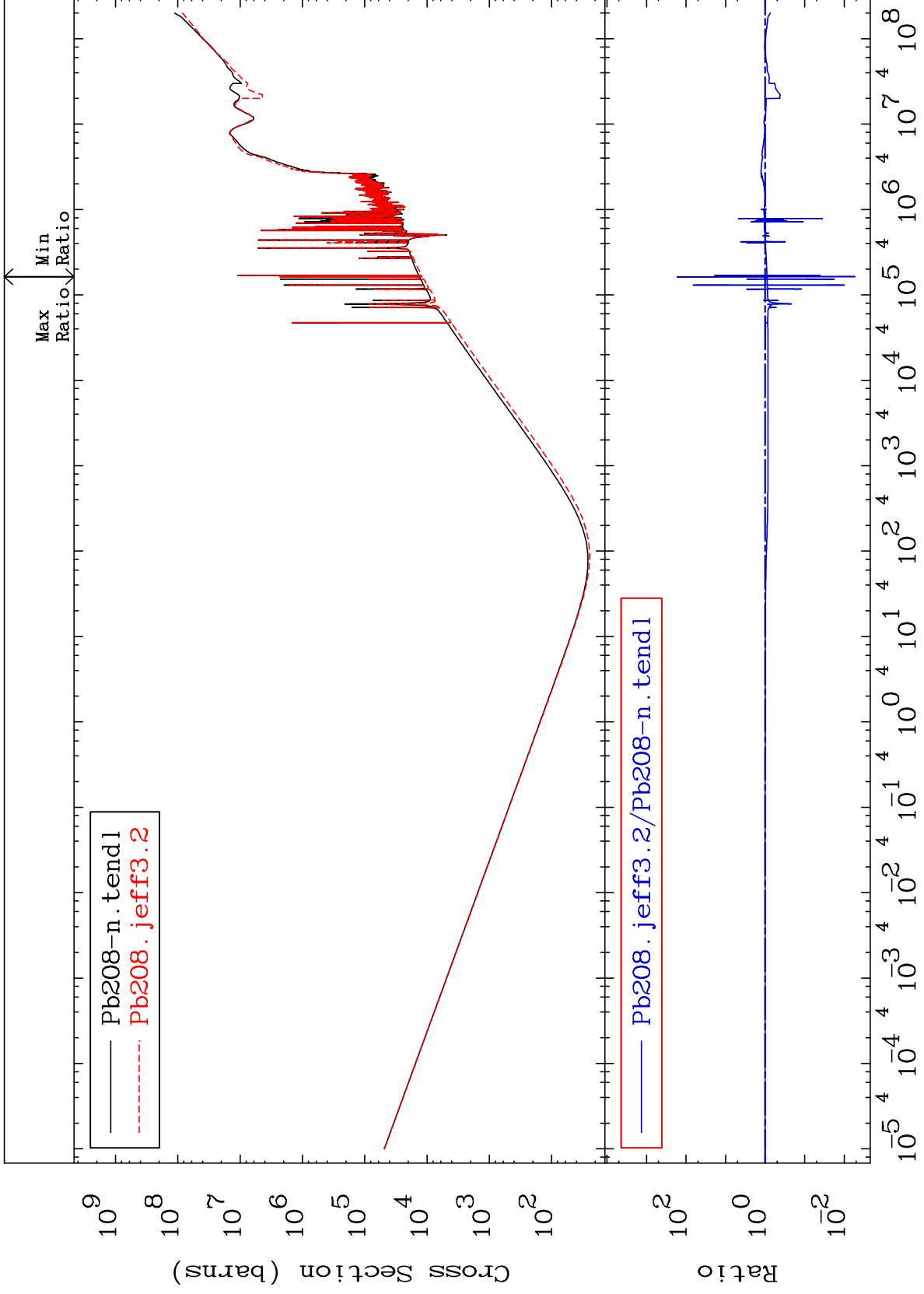
82-Pb-208
-100.0 To 66.59 %



MAT 8237

Kerma total (eV-barns)
Cross Section

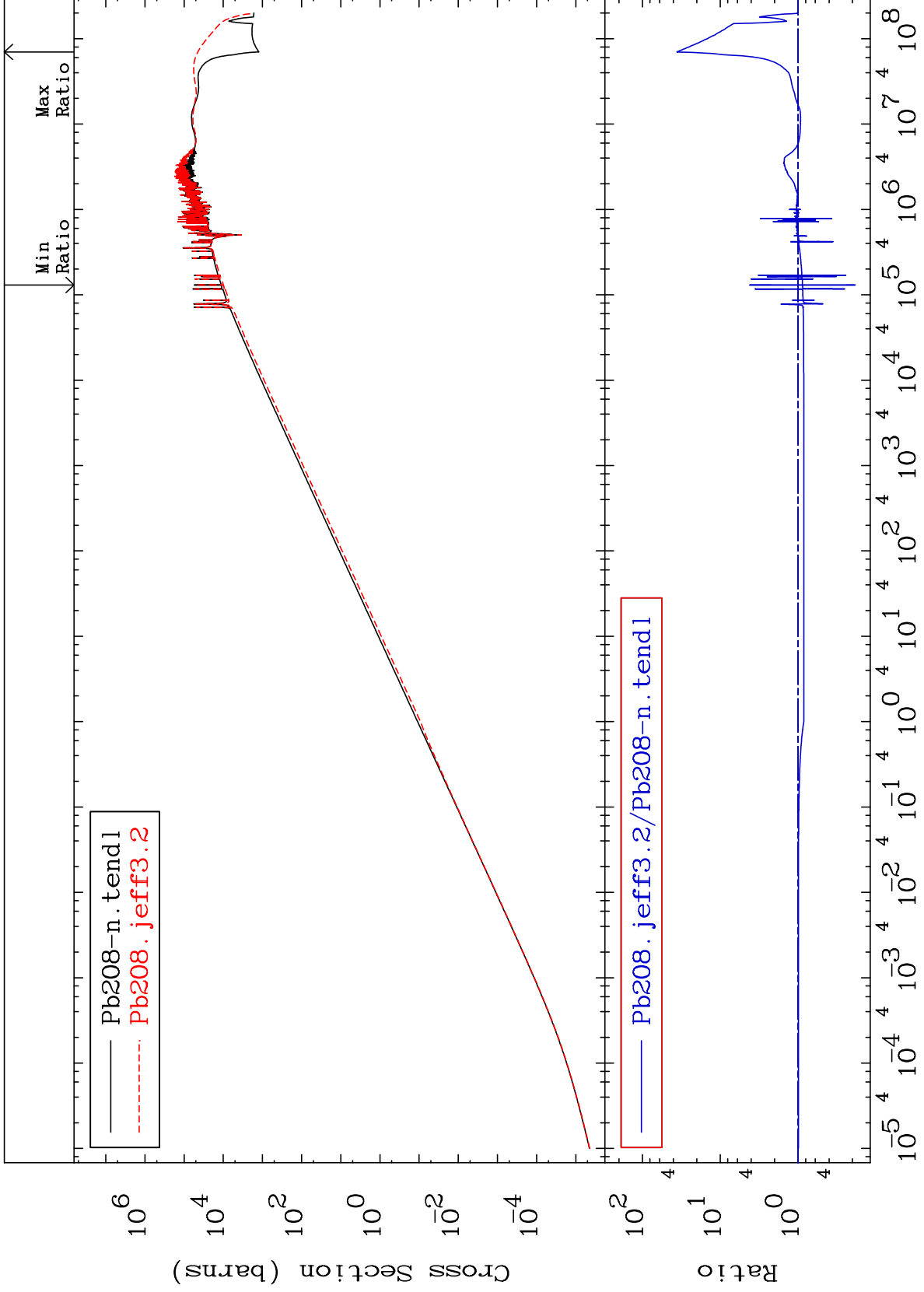
82-Pb-208
-99.47 To 9999. %

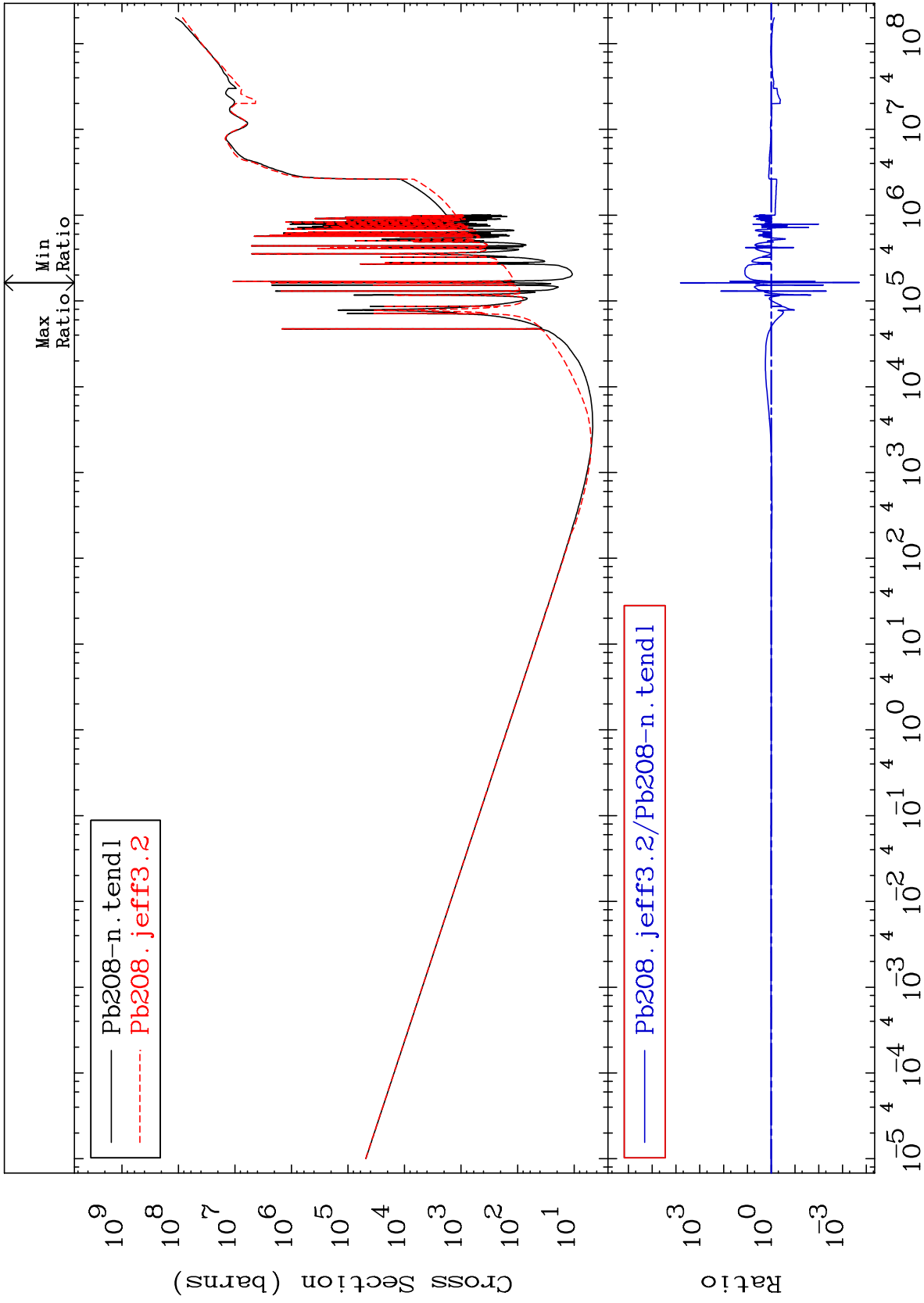


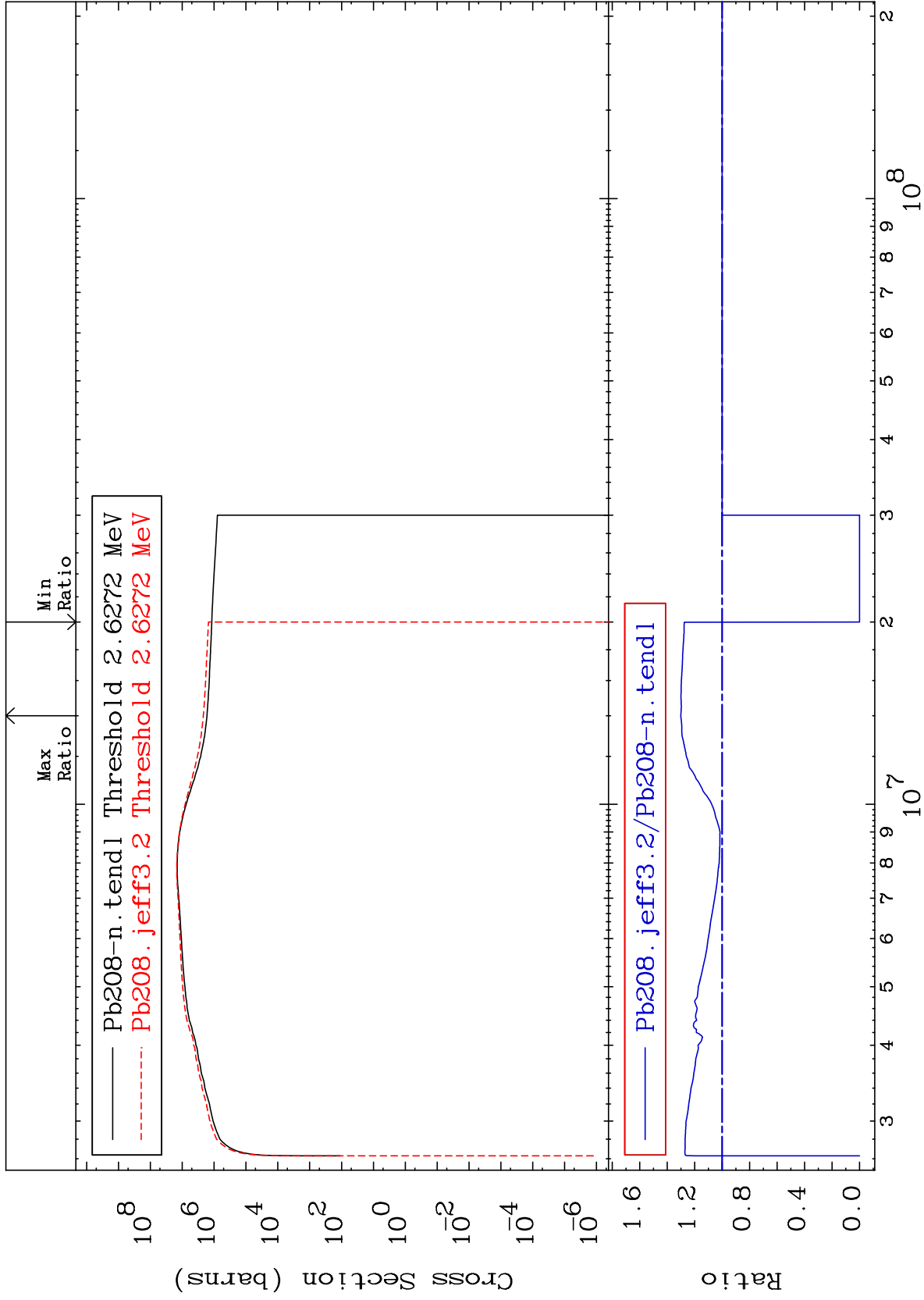
MAT 8237

Kerma elastic
Cross Section

82-Pb-208
-81.48 To 3498. %



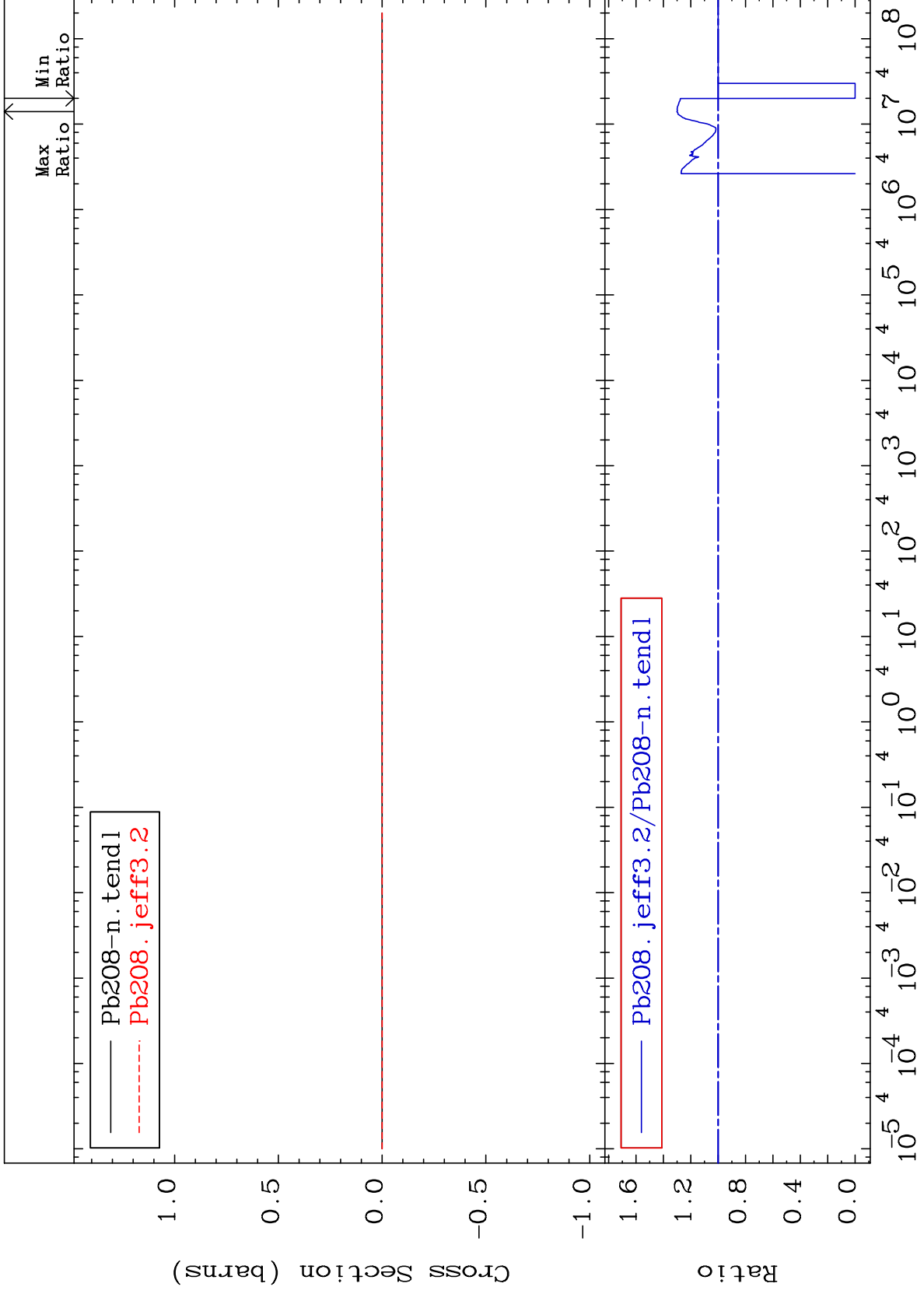




MAT 8237

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

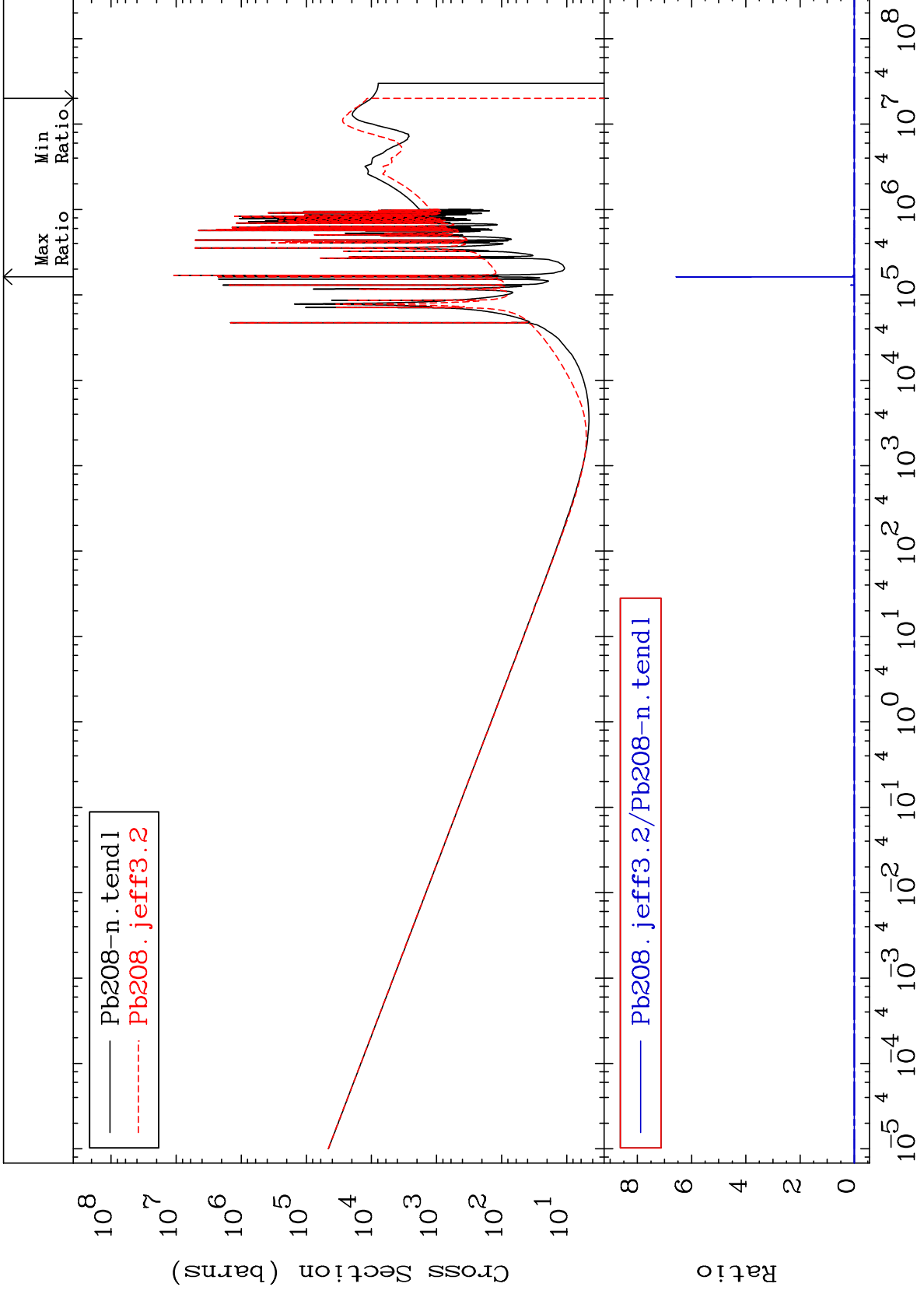
82-Pb-208
-100.0 To 30.11 %



MAT 8237

Kerma capture (mt102)
Cross Section

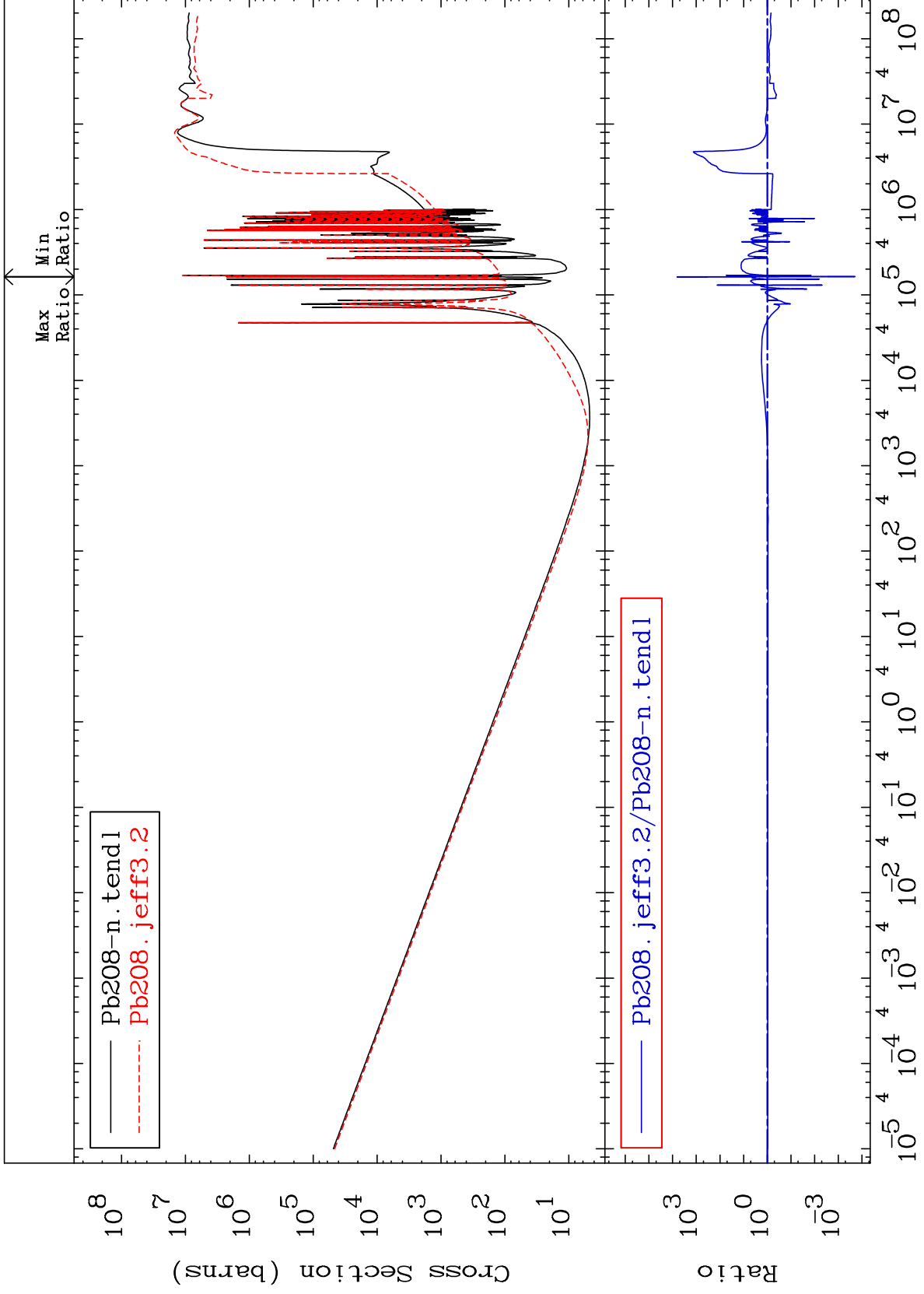
82-Pb-208
-100.0 To 9999. %

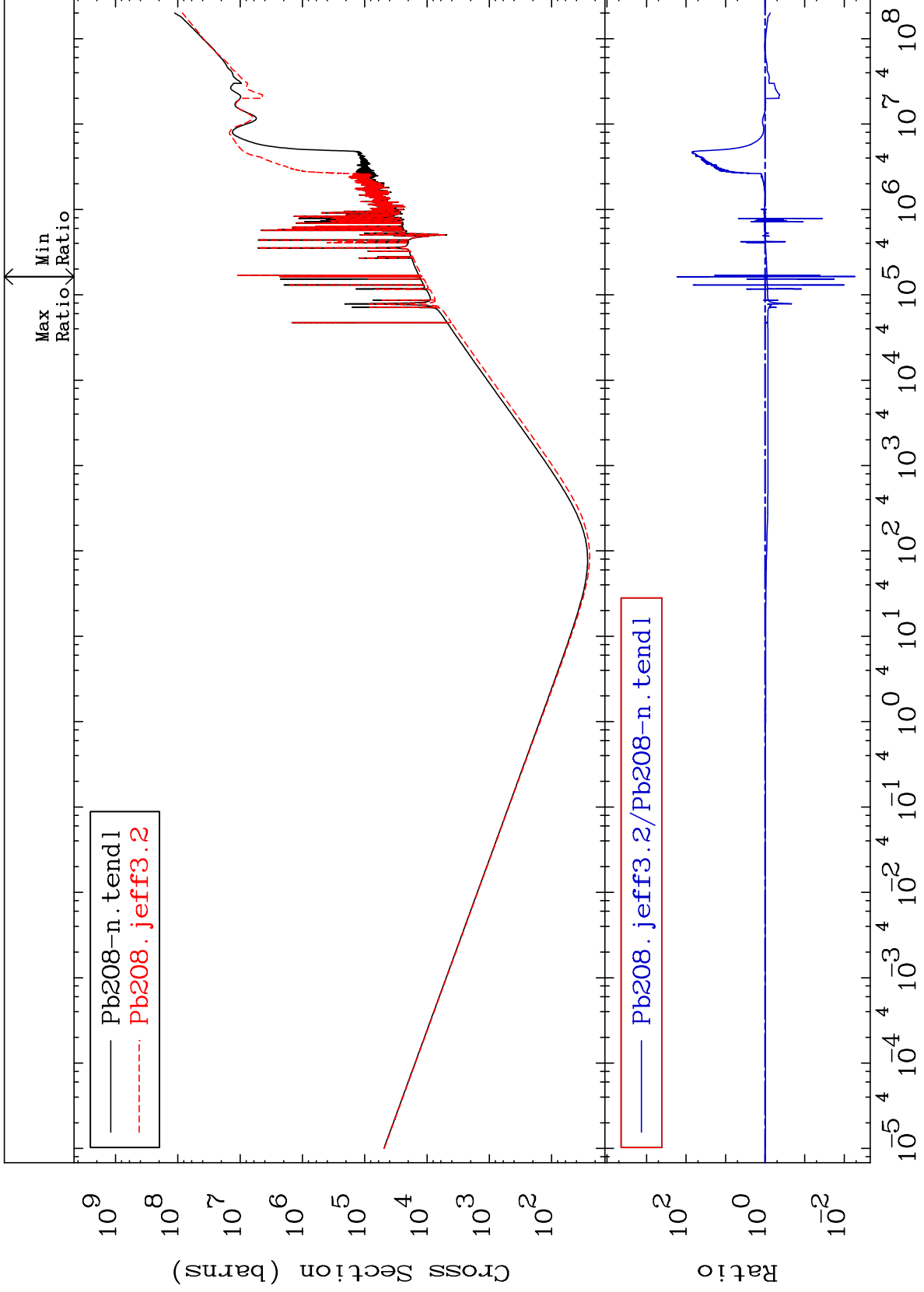


MAT 8237

Total photon (eV-barns)
Cross Section

82-Pb-208
-99.98 To 9999. %

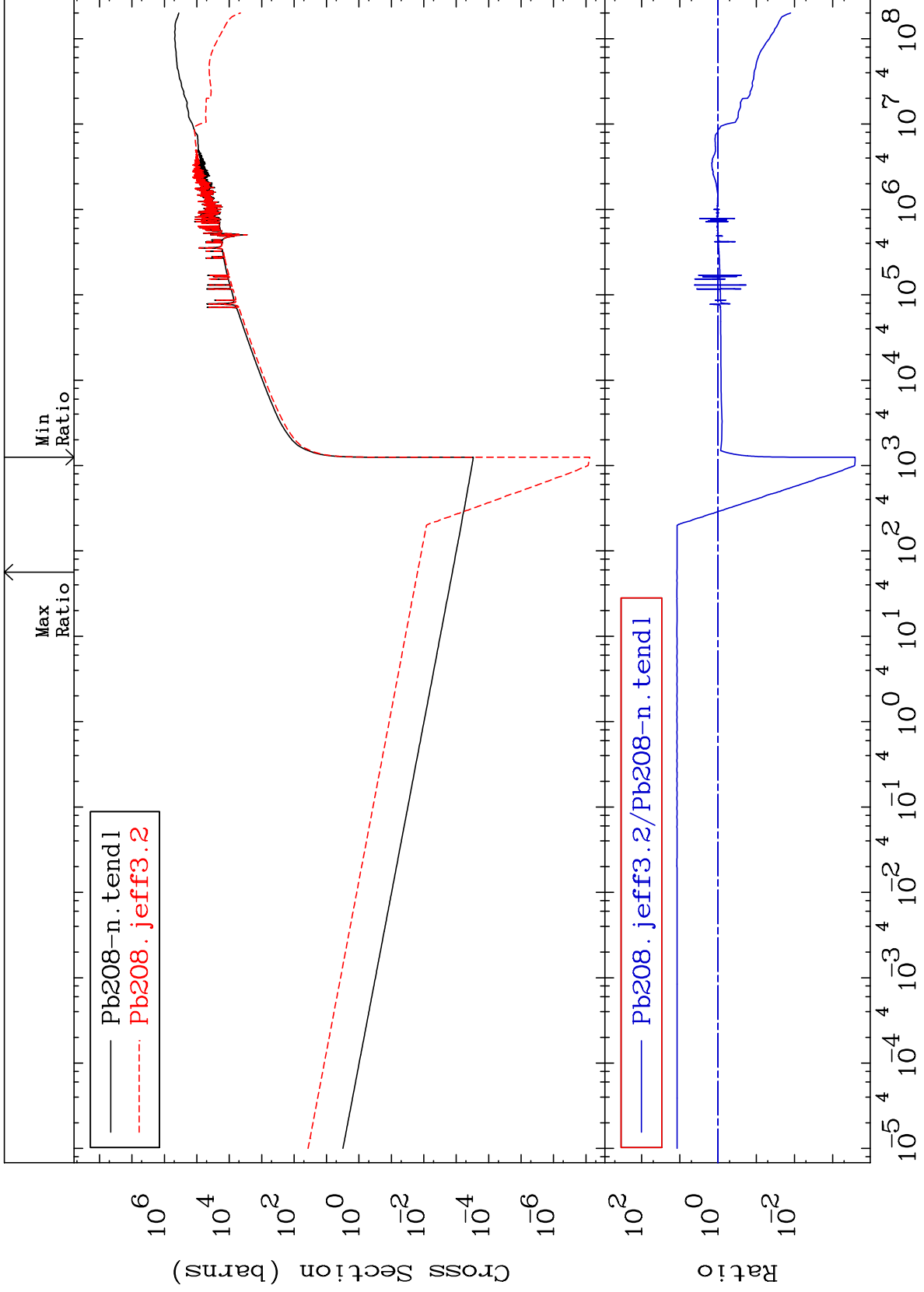




MAT 8237

Dpa total (eV-barns)
Cross Section

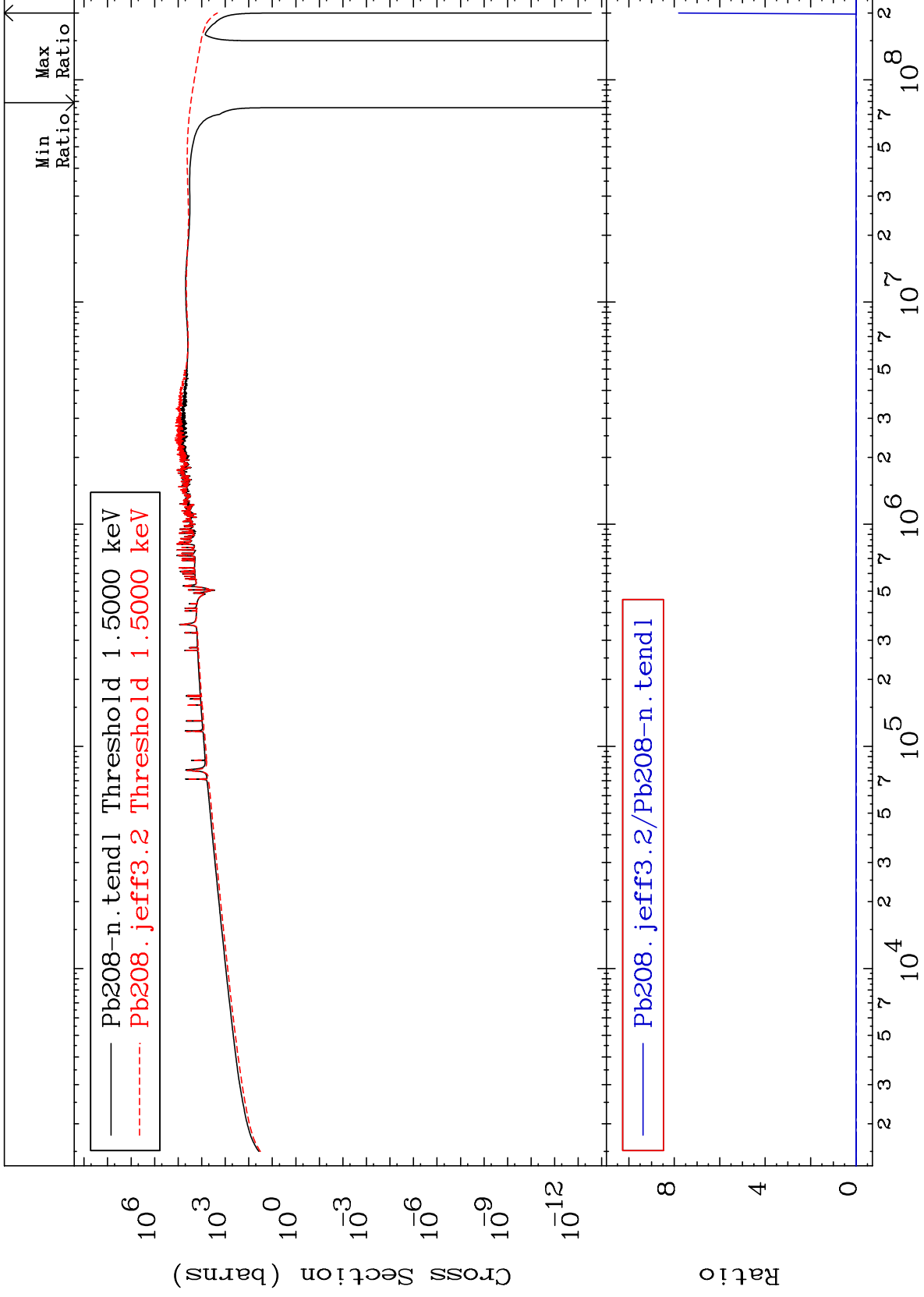
82-Pb-208
-99.97 To 1093. %

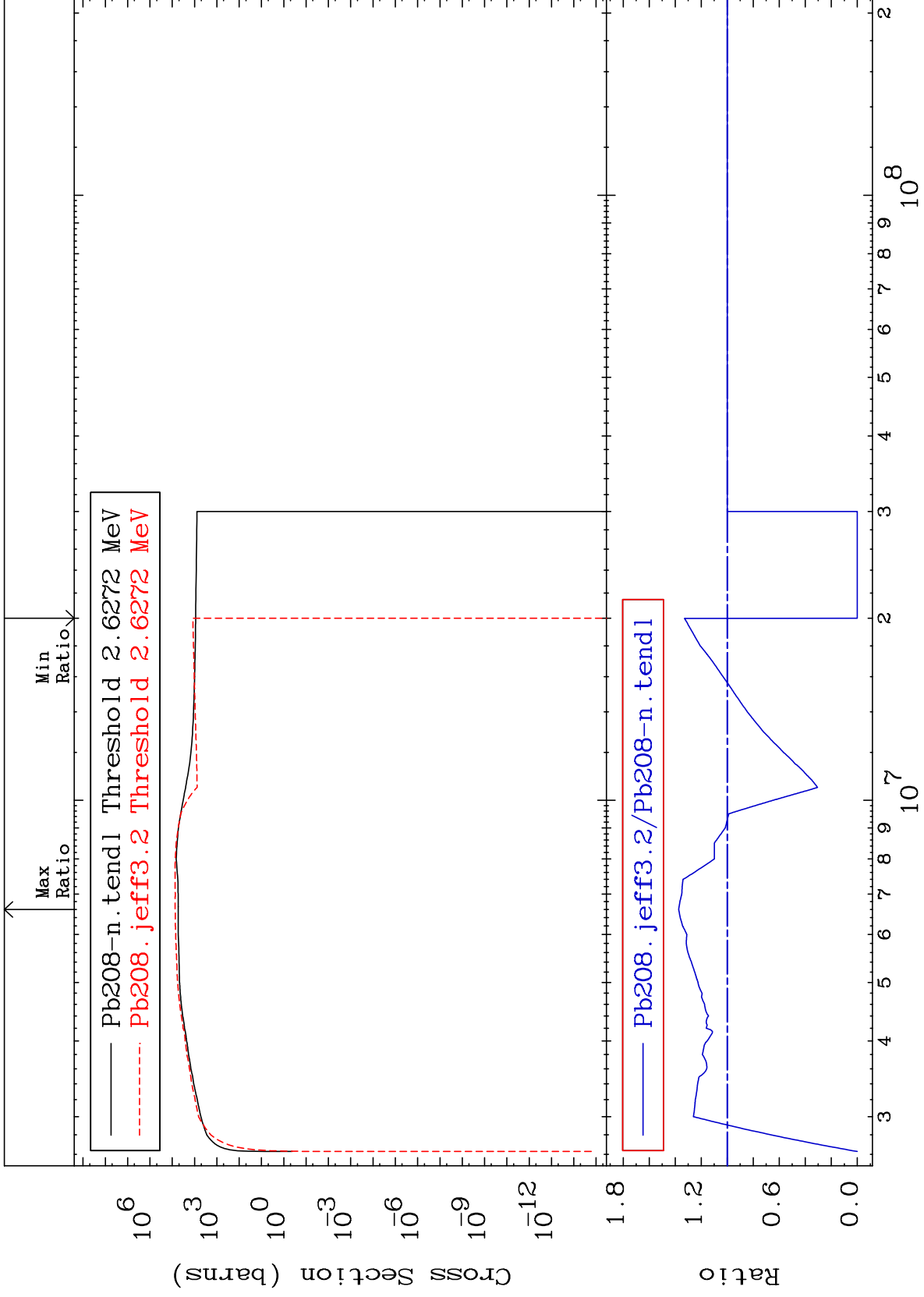


52

Incident Energy (eV)

82-Pb-208

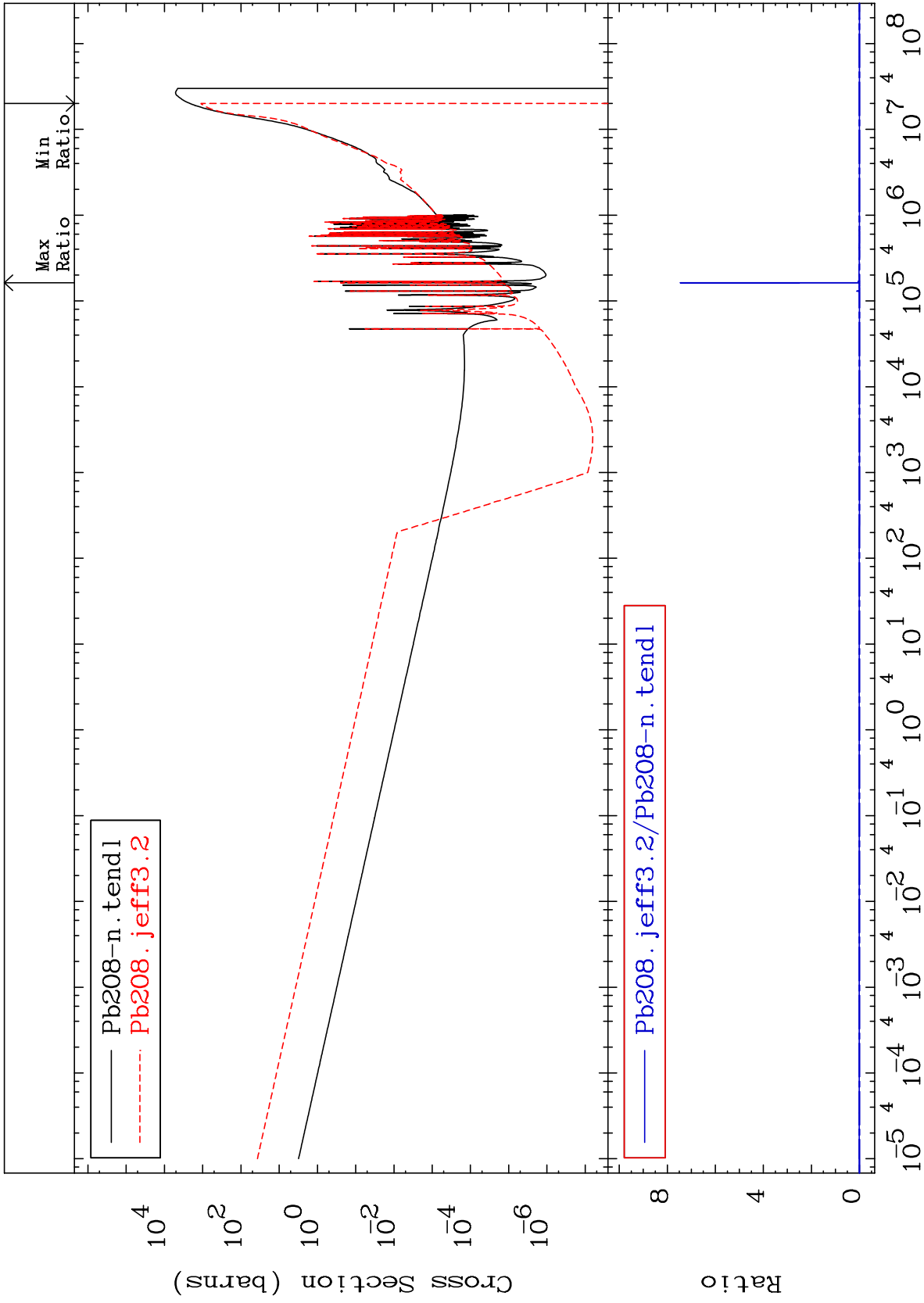




MAT 8237

Dpa disappearance (mt102 -120)
Cross Section

82-Pb-208
-100.0 To 9999. %

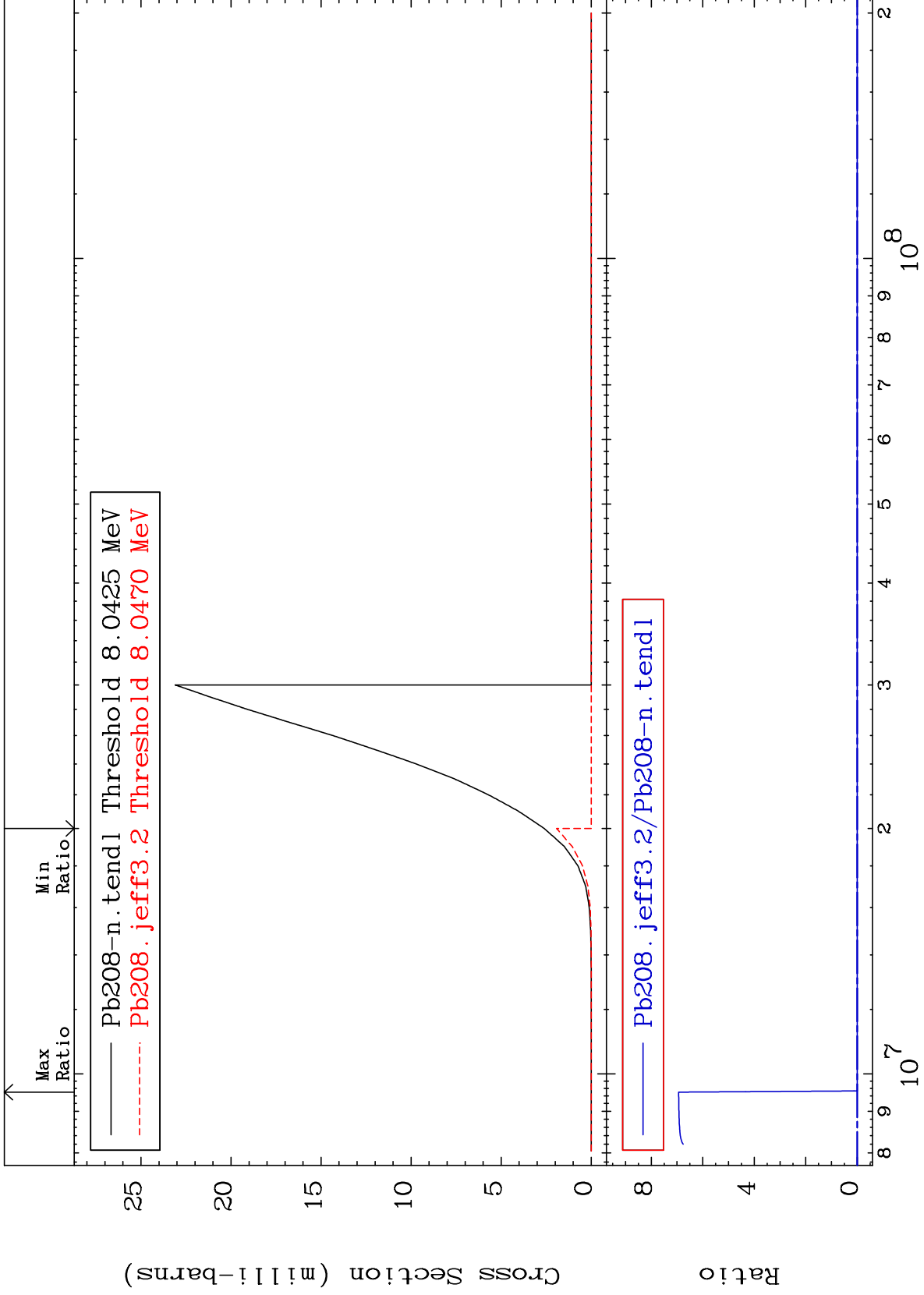


55

Incident Energy (eV)

82-Pb-208

Radionuclide Production Cross Section -100.0 To 9999. %

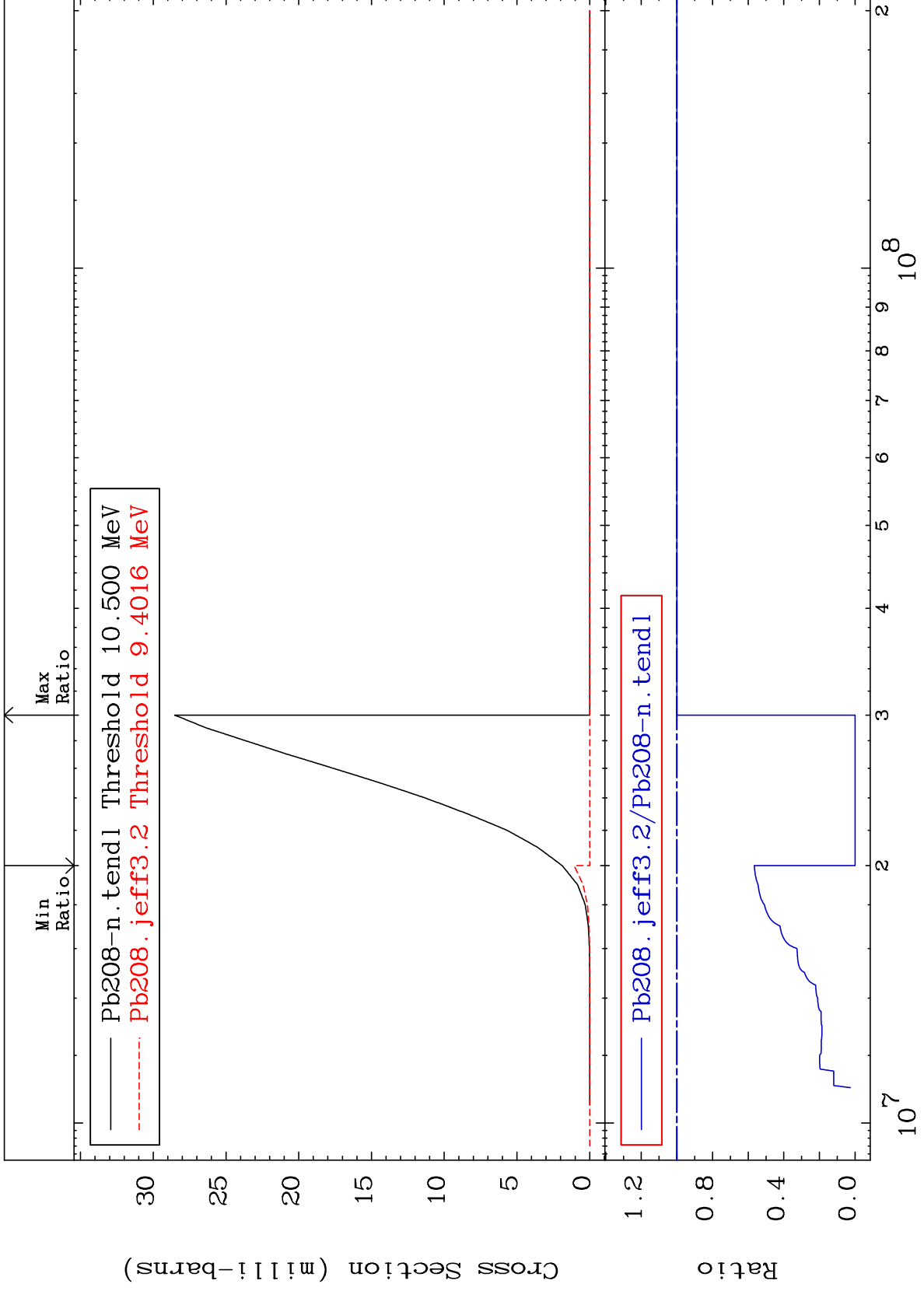


MAT 8237

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

82-Pb-208

Radionuclide Production Cross Section -100.0 To 0.000 %



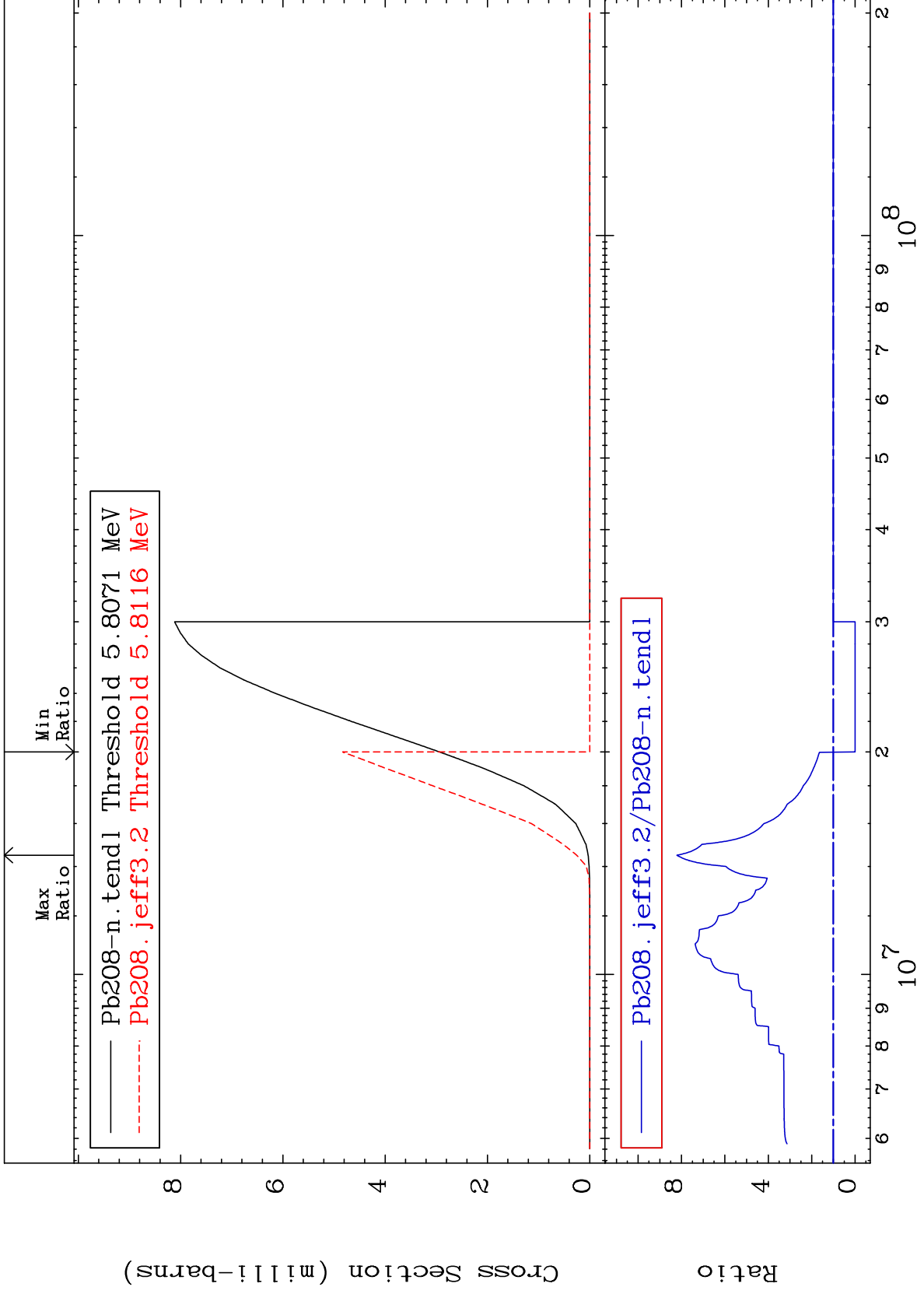
57

Incident Energy (eV)

82-Pb-208

MAT 8237

(n, d) : 81-Tl -207g 82-Pb-208
Radionuclide Production Cross Section -100.0 To 721.1 %



58

Incident Energy (eV)

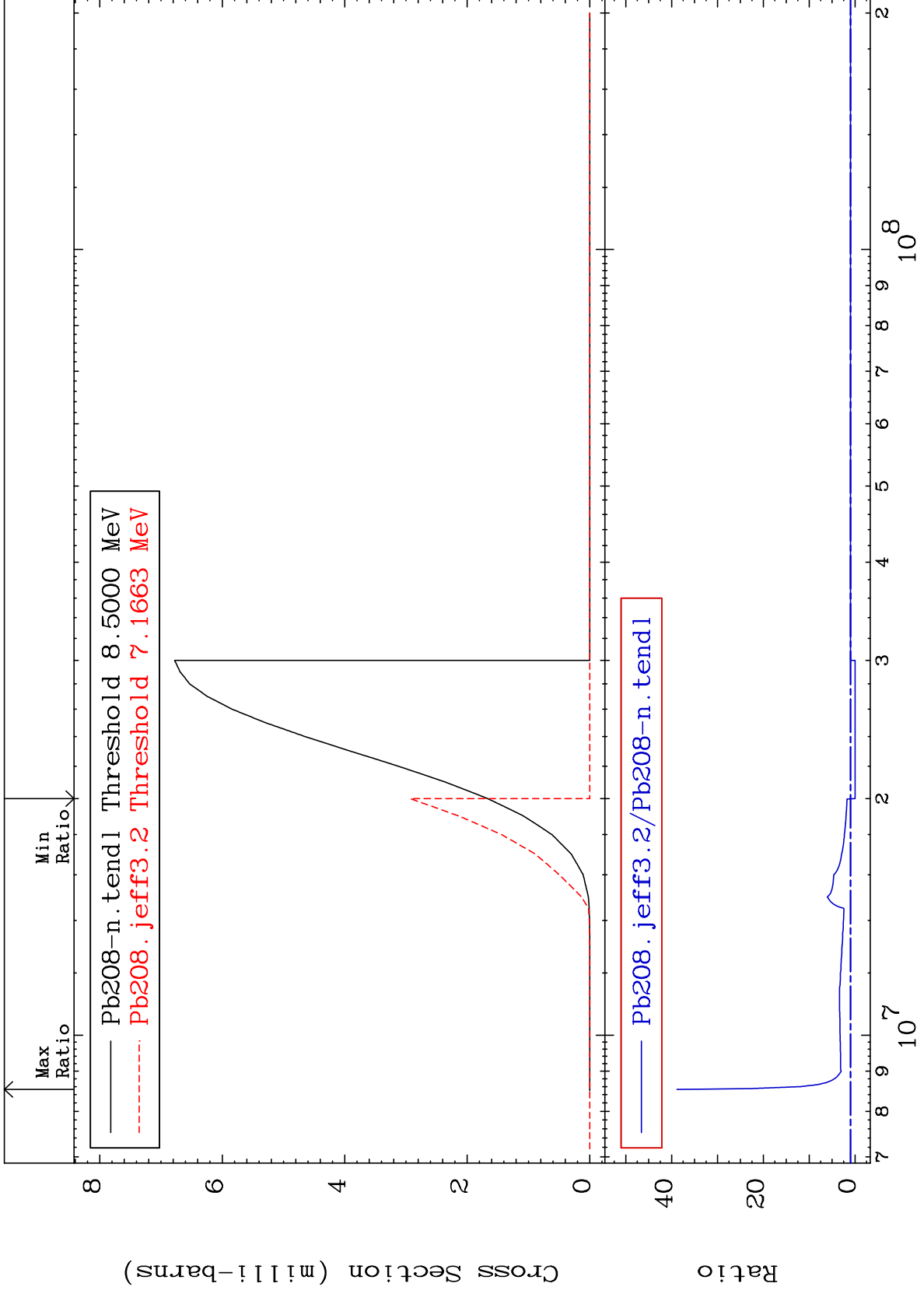
82-Pb-208

MAT 8237

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

82-Pb-208

Radionuclide Production Cross Section -100.0 To 3785. %



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82-Pb-208

82-Pb-208