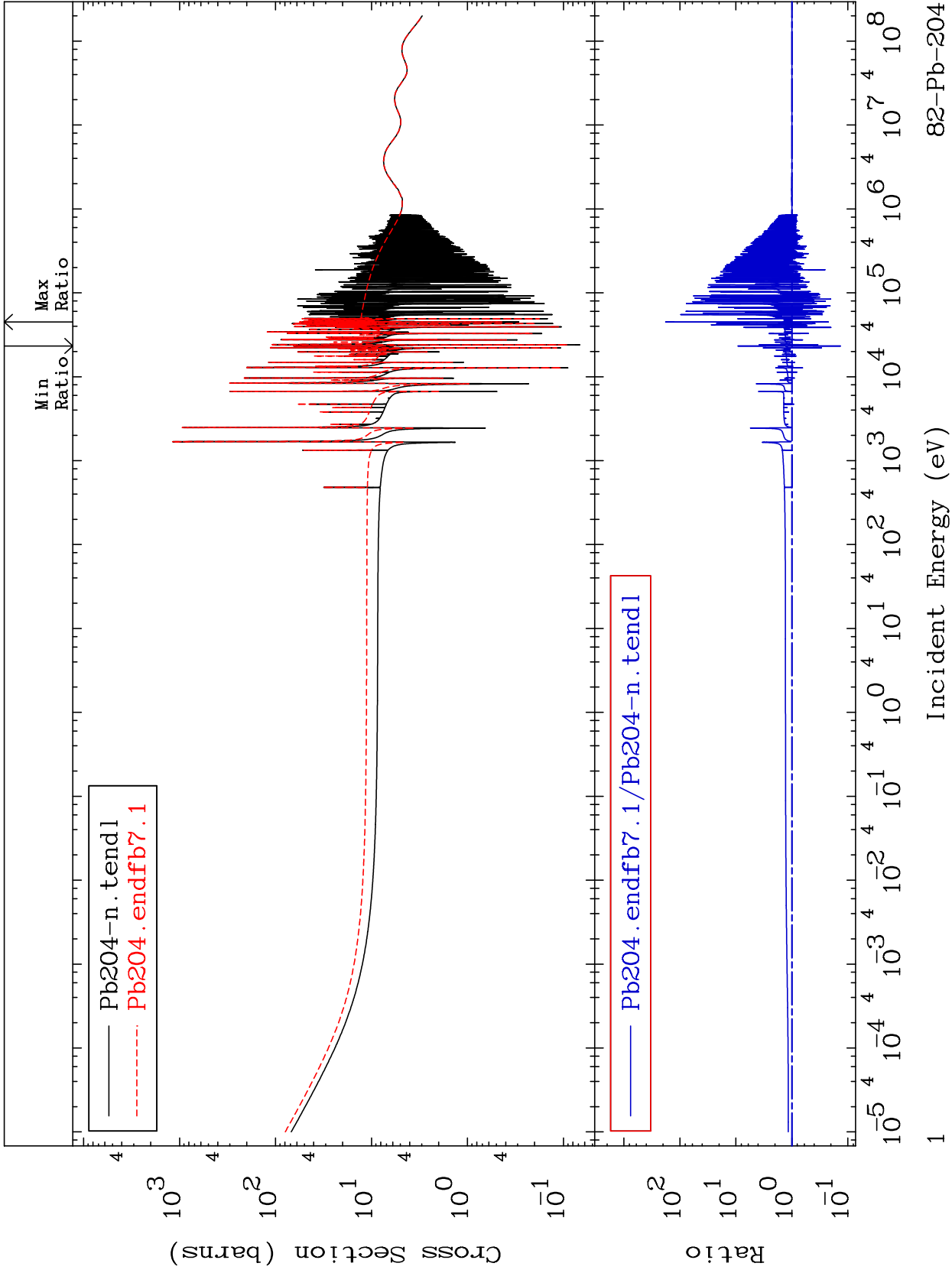


MAT 8225

Total
Cross Section

82-Pb-204
-86.58 To 9999. %



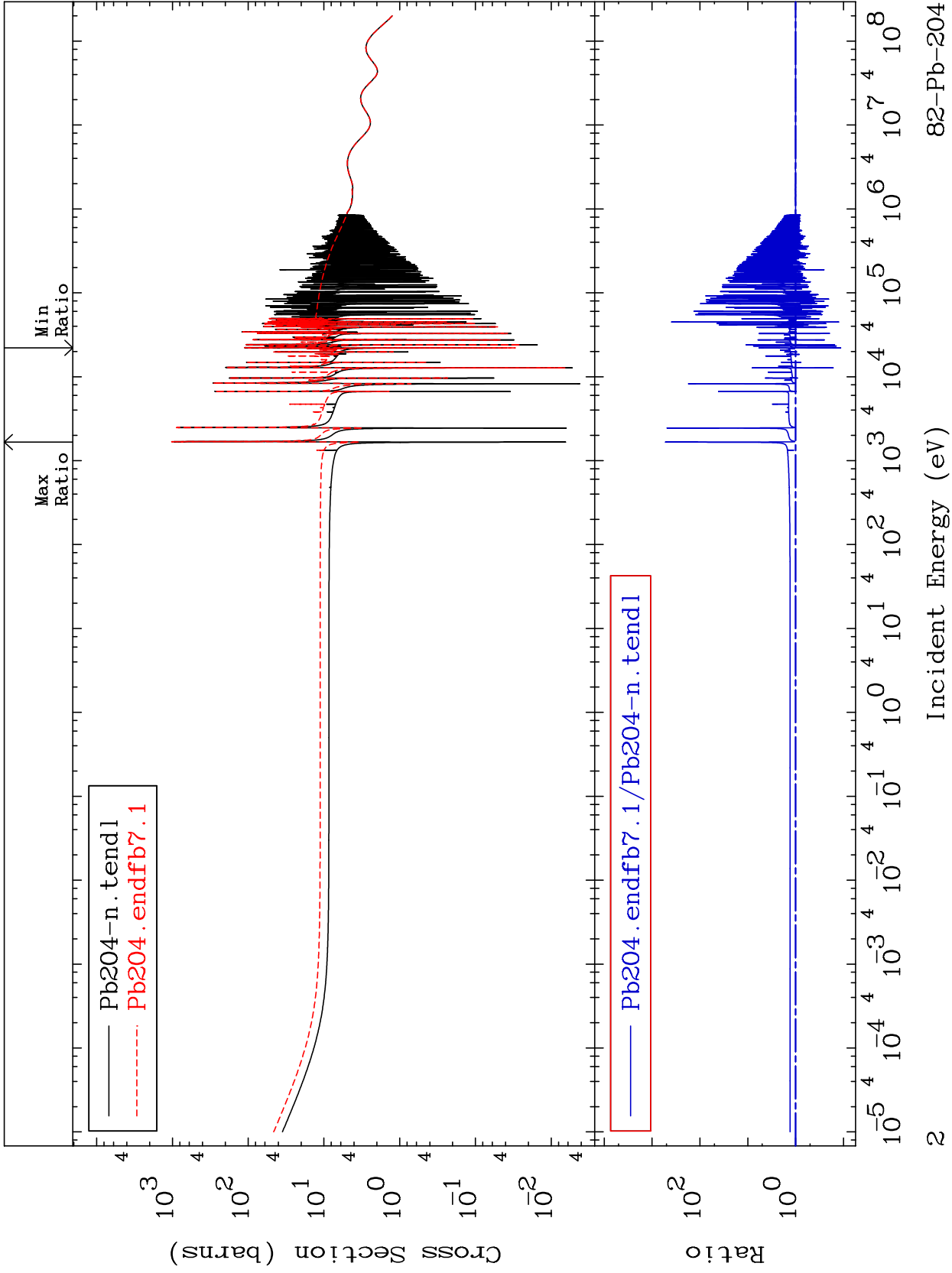
Incident Energy (eV)

82-Pb-204

MAT 8225

Elastic
Cross Section

82-Pb-204
-88.56 To 9999. %



82-Pb-204

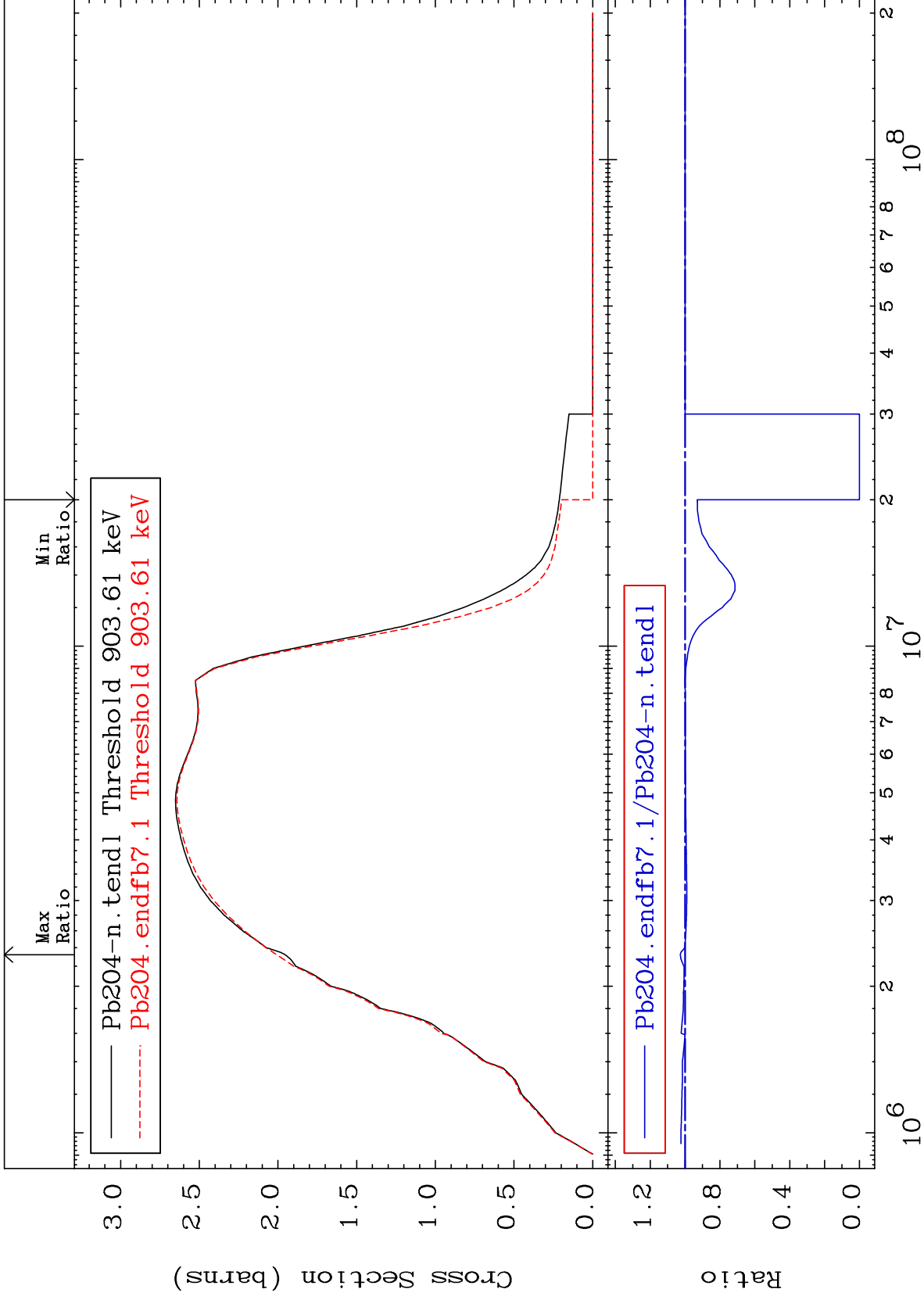
Incident Energy (eV)

2

MAT 8225

Inelastic
Cross Section

82-Pb-204
-100.0 To 2.708 %



Incident Energy (eV)

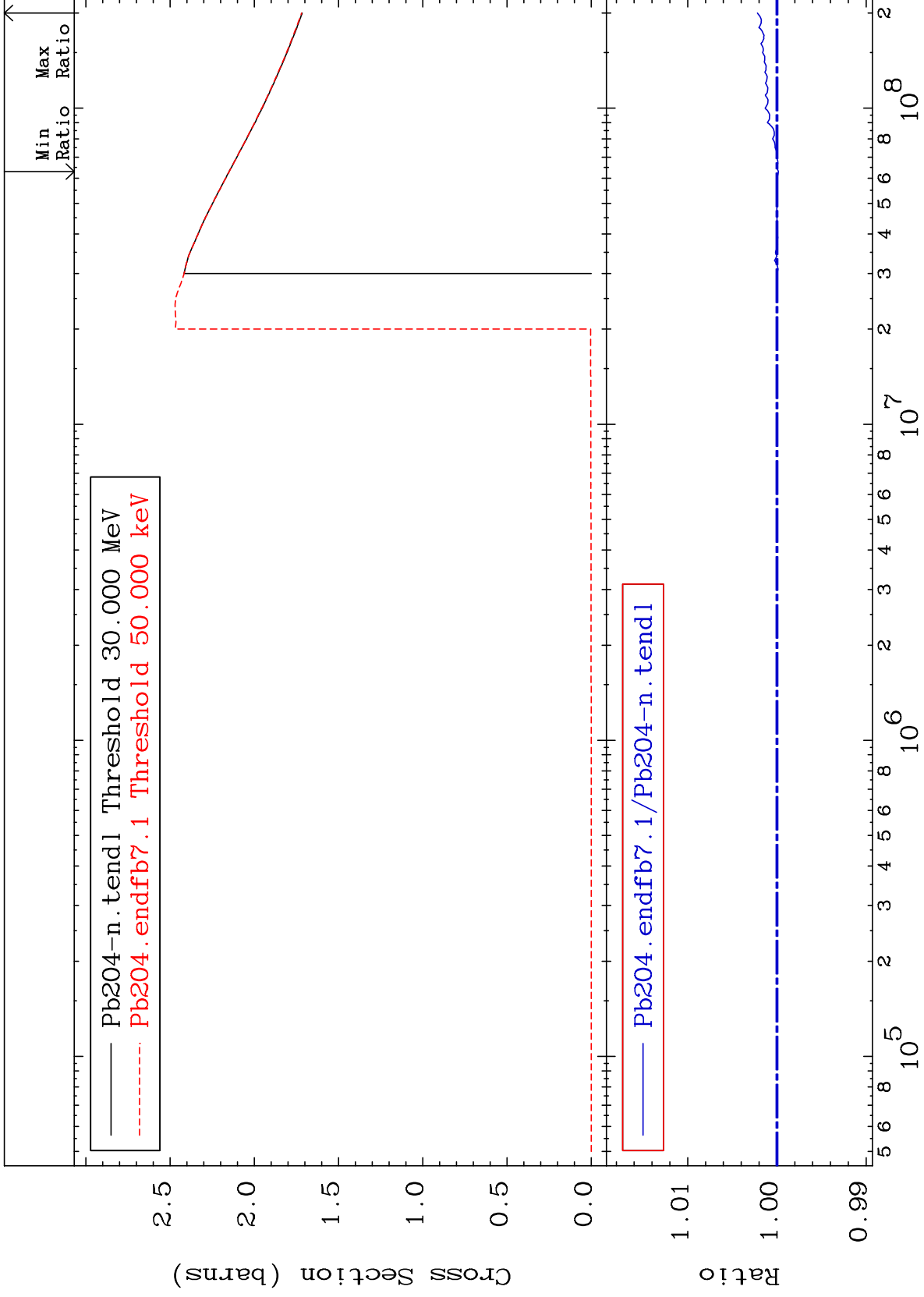
82-Pb-204

3

MAT 8225

(n, remainder)
Cross Section

82-Pb-204
-0.016 To 0.218 %



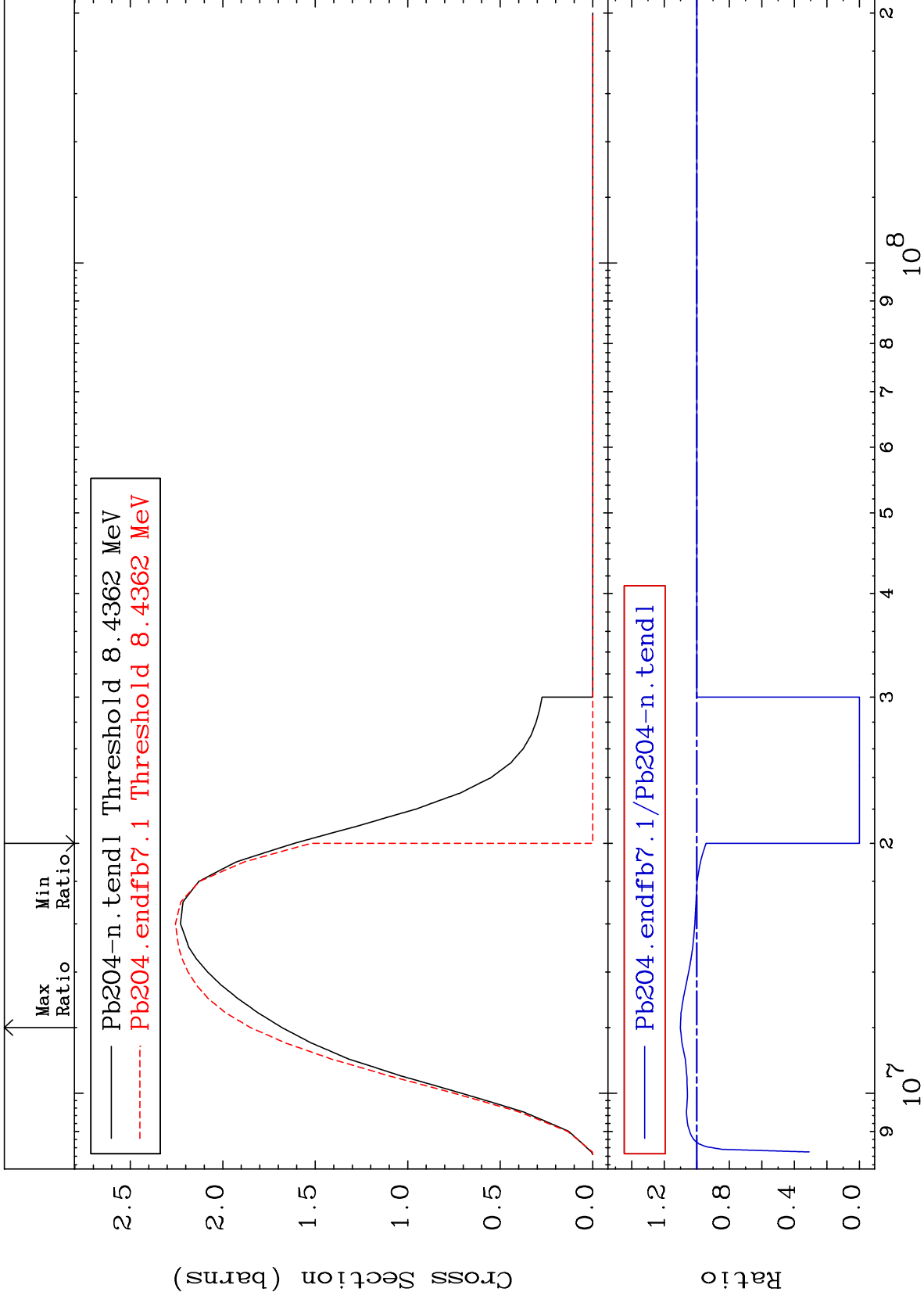
MAT 8225

(n,2n)

82-Pb-204

Cross Section

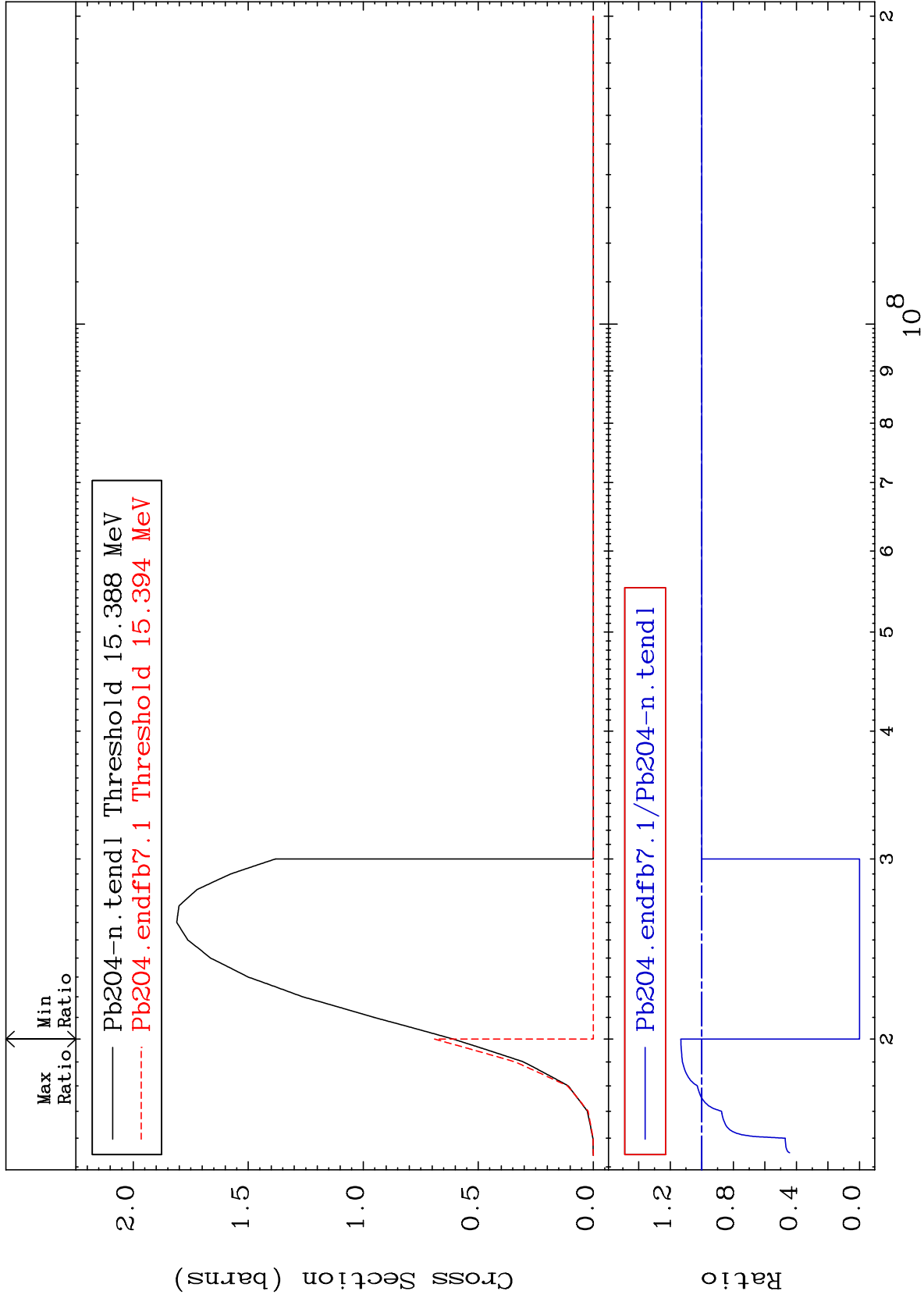
-100.0 To 10.13 %



5

Incident Energy (eV)

82-Pb-204



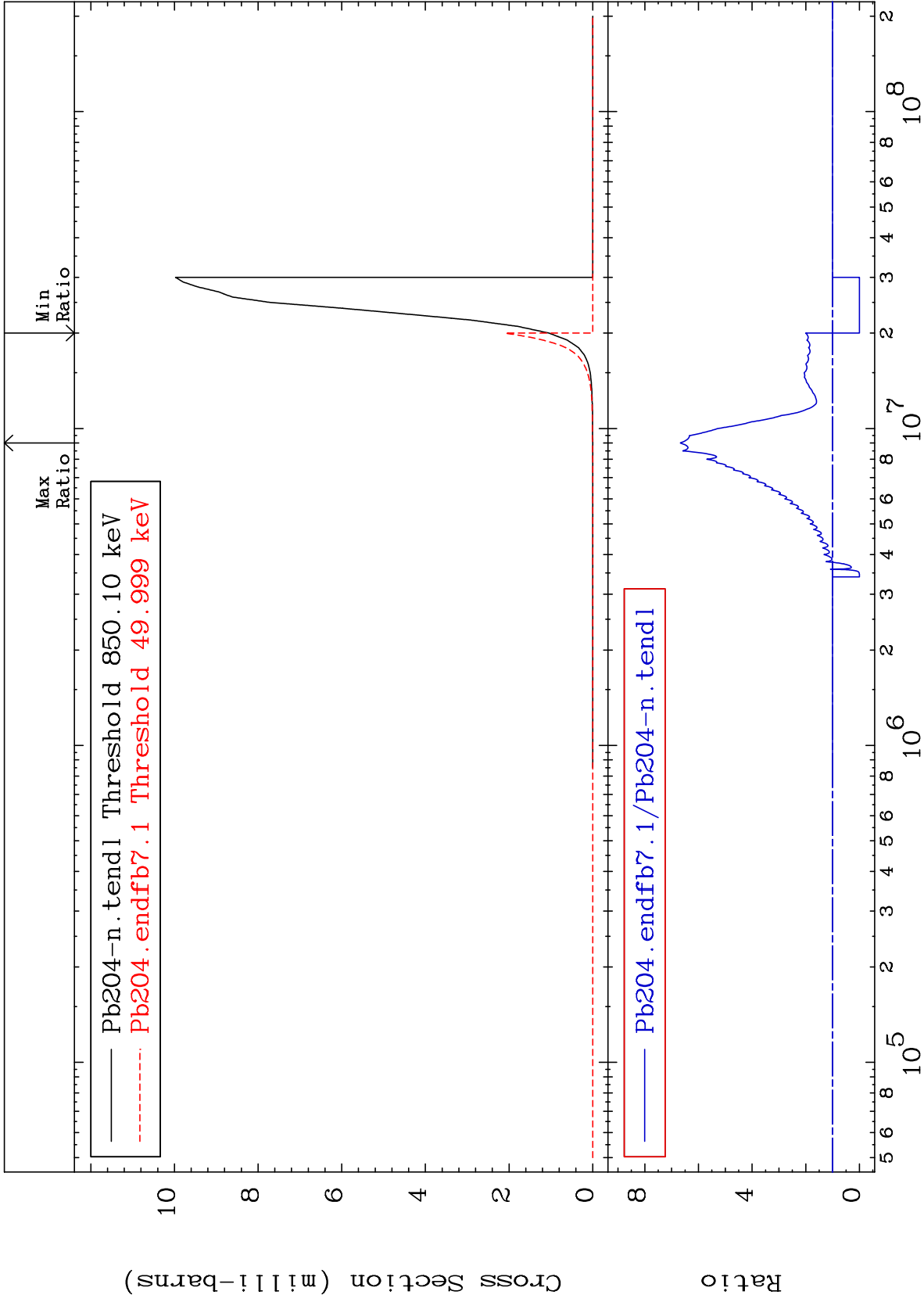
MAT 8225

(n, n') α

82-Pb-204

Cross Section

-100.0 To 567.5 %



7

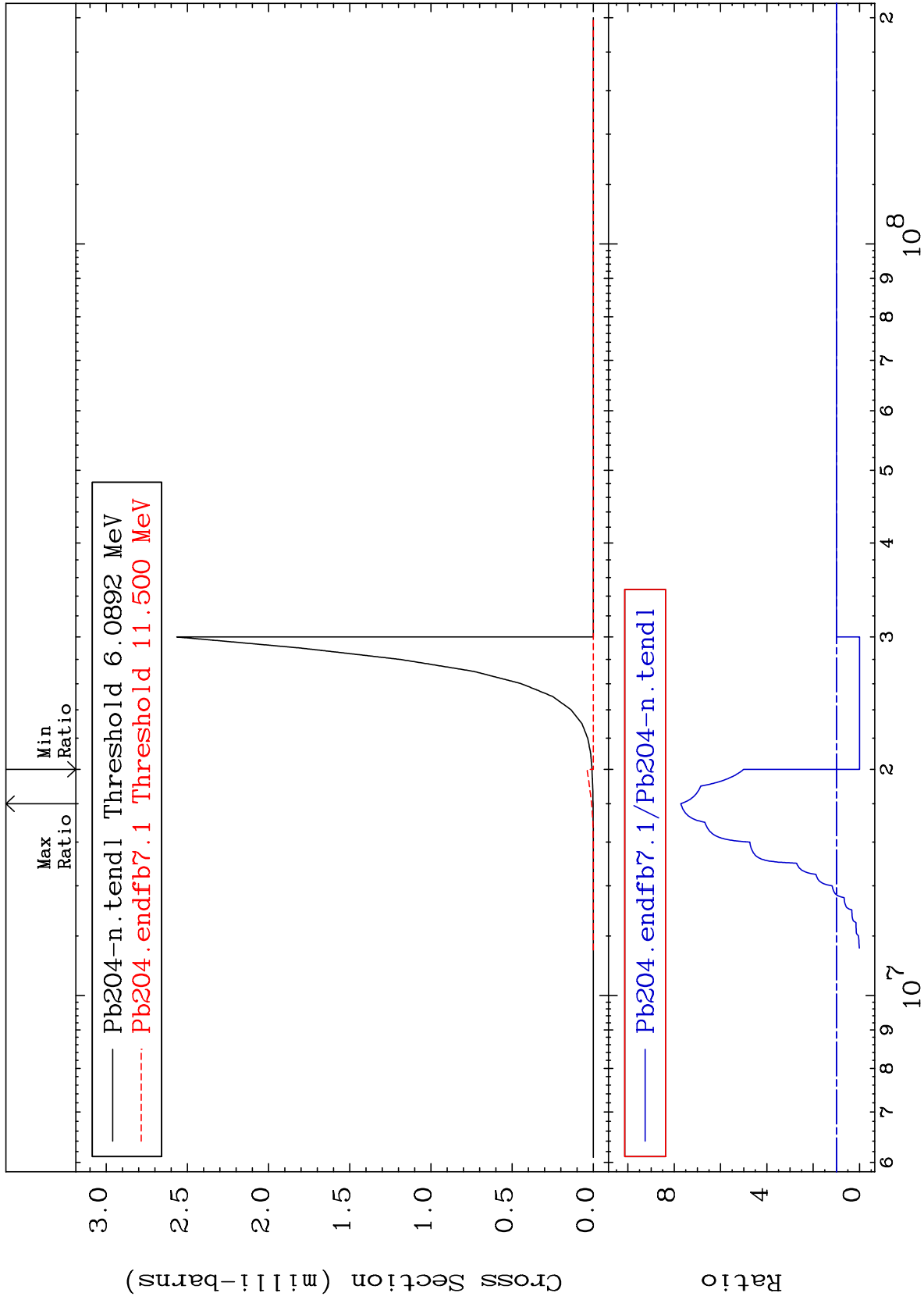
Incident Energy (eV)

82-Pb-204

MAT 8225

(n,2n) α
Cross Section

82-Pb-204
-100.0 To 671.8 %



8

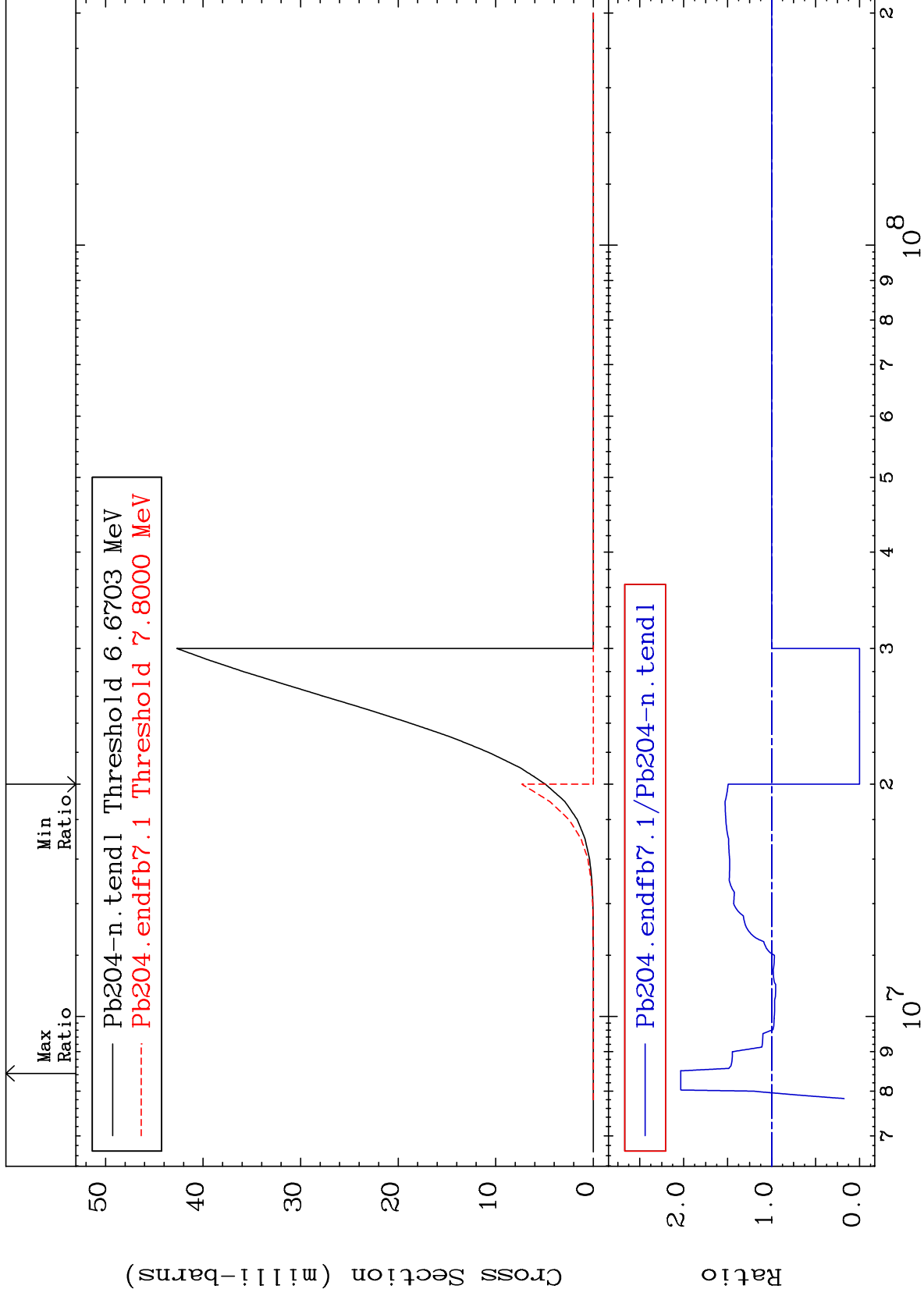
Incident Energy (eV)

82-Pb-204

MAT 8225

(n,n') p
Cross Section

82-Pb-204
-100.0 To 103.3 %



9

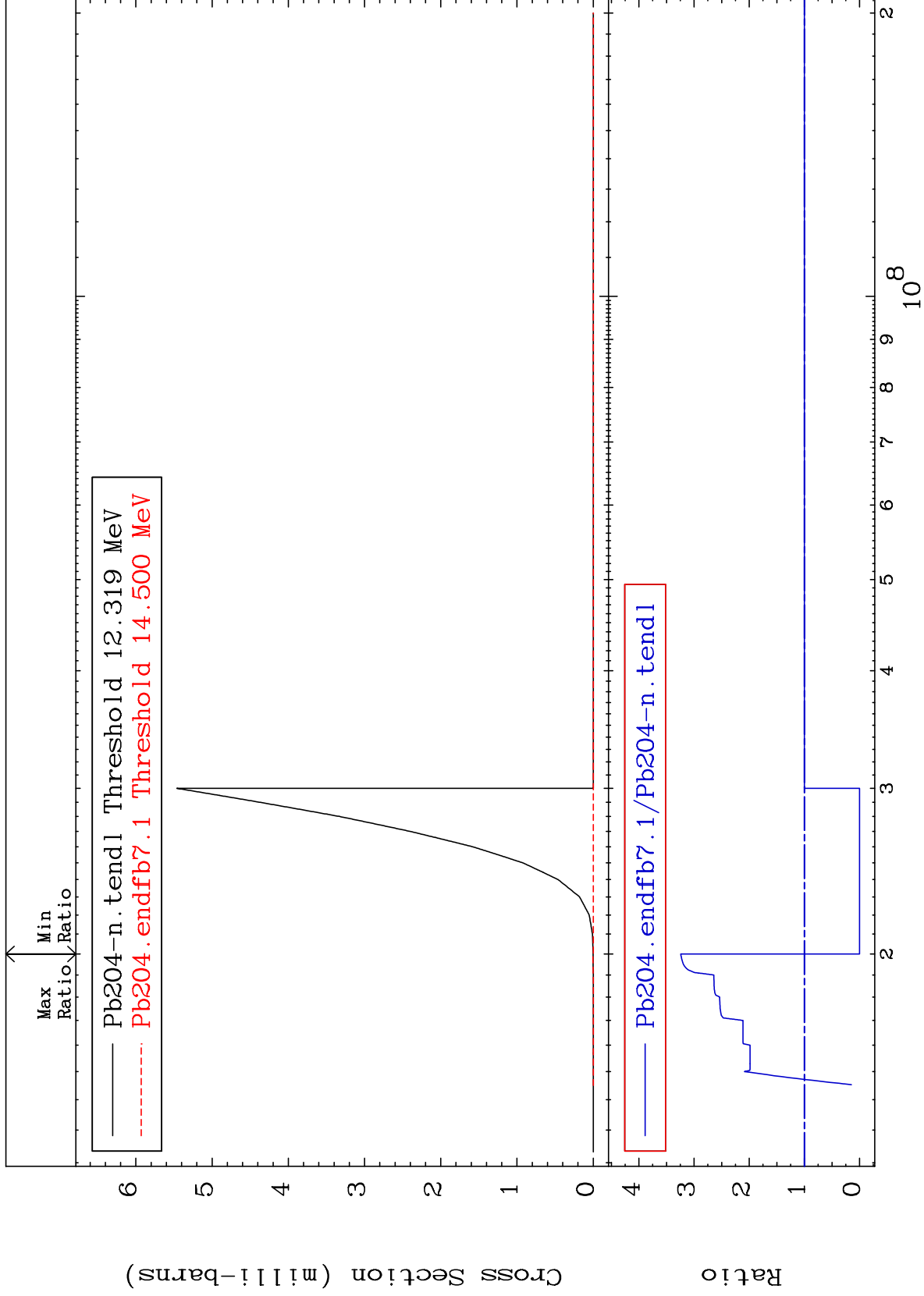
Incident Energy (eV)

82-Pb-204

MAT 8225

(n, n') d
Cross Section

82-Pb-204
-100.0 To 224.1 %



10

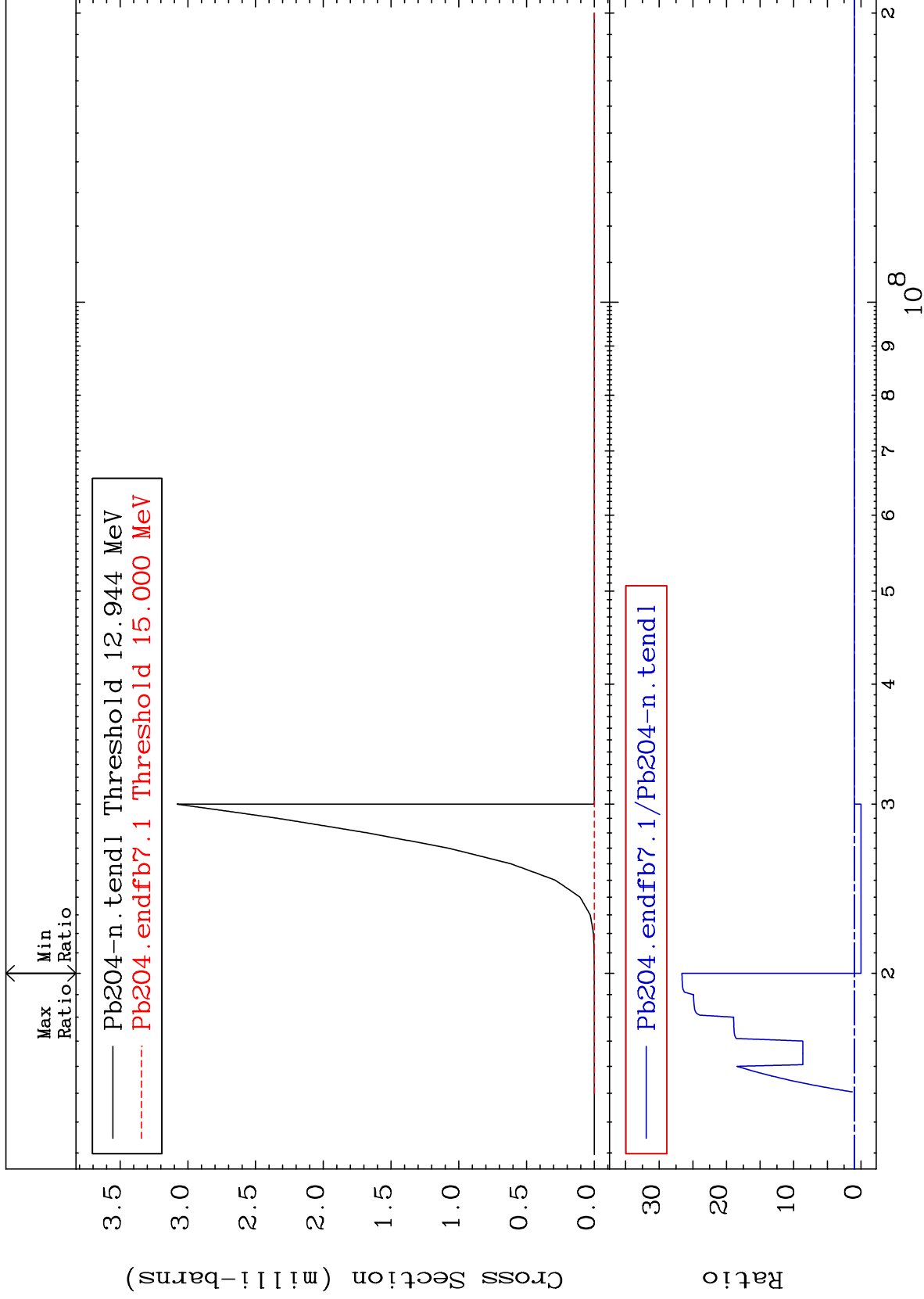
Incident Energy (eV)

82-Pb-204

MAT 8225

(n,n') t
Cross Section

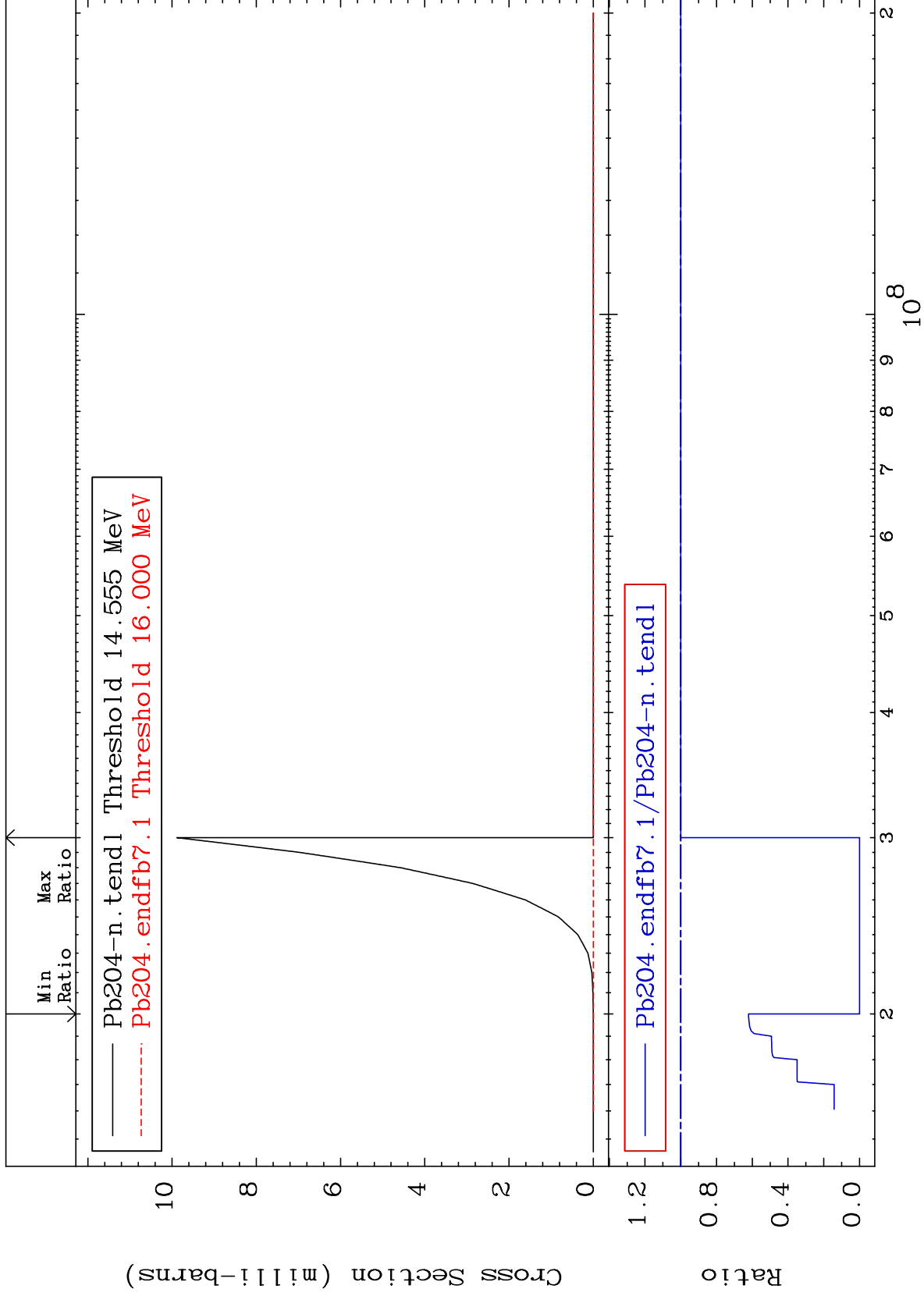
82-Pb-204
-100.0 To 2563. %



MAT 8225

(n,2n) p
Cross Section

82-Pb-204
-100.0 To 0.000 %



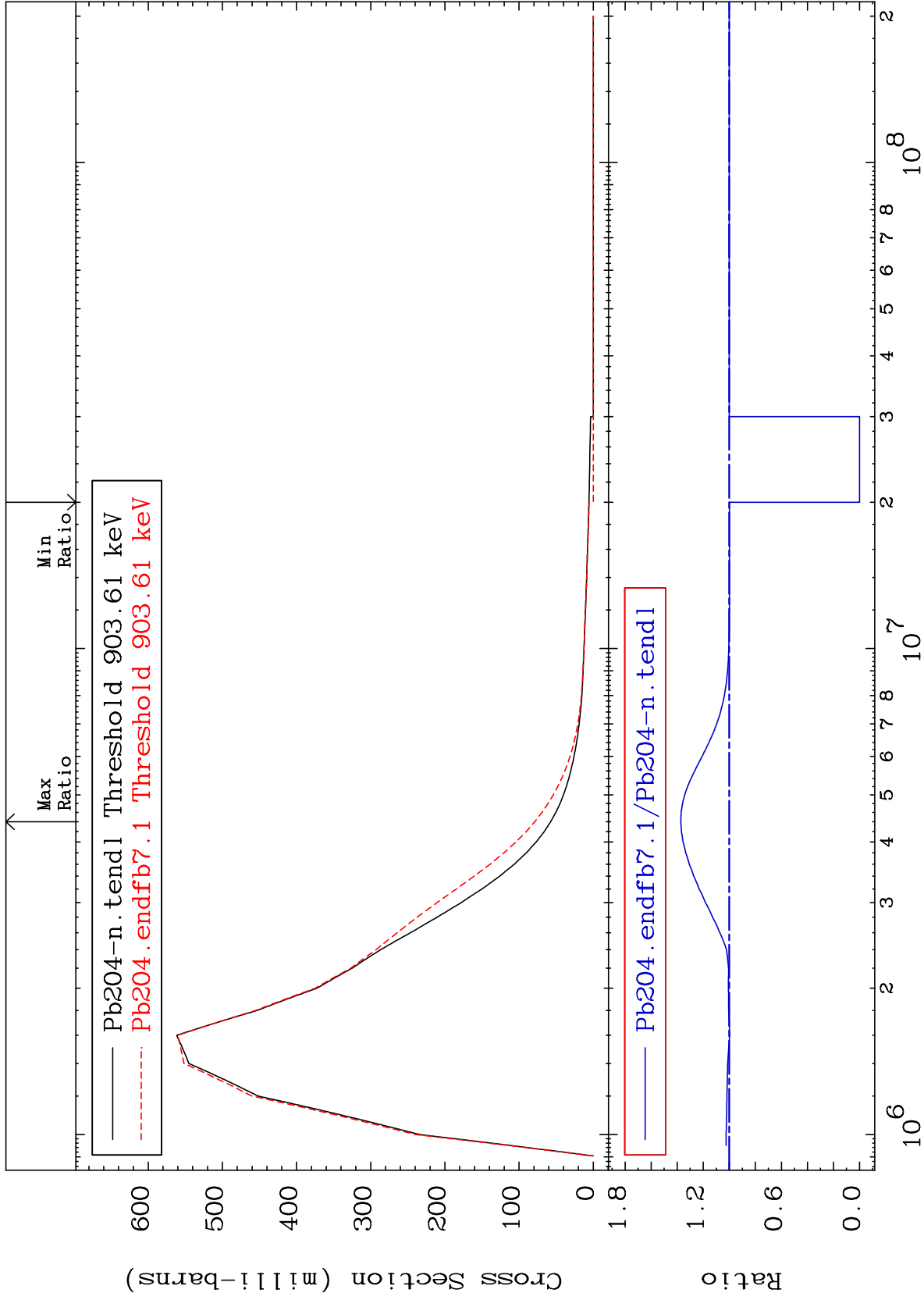
MAT 8225

899.2 keV (n,n') Level

82-Pb-204

-100.0 To 37.23 %

Cross Section



13

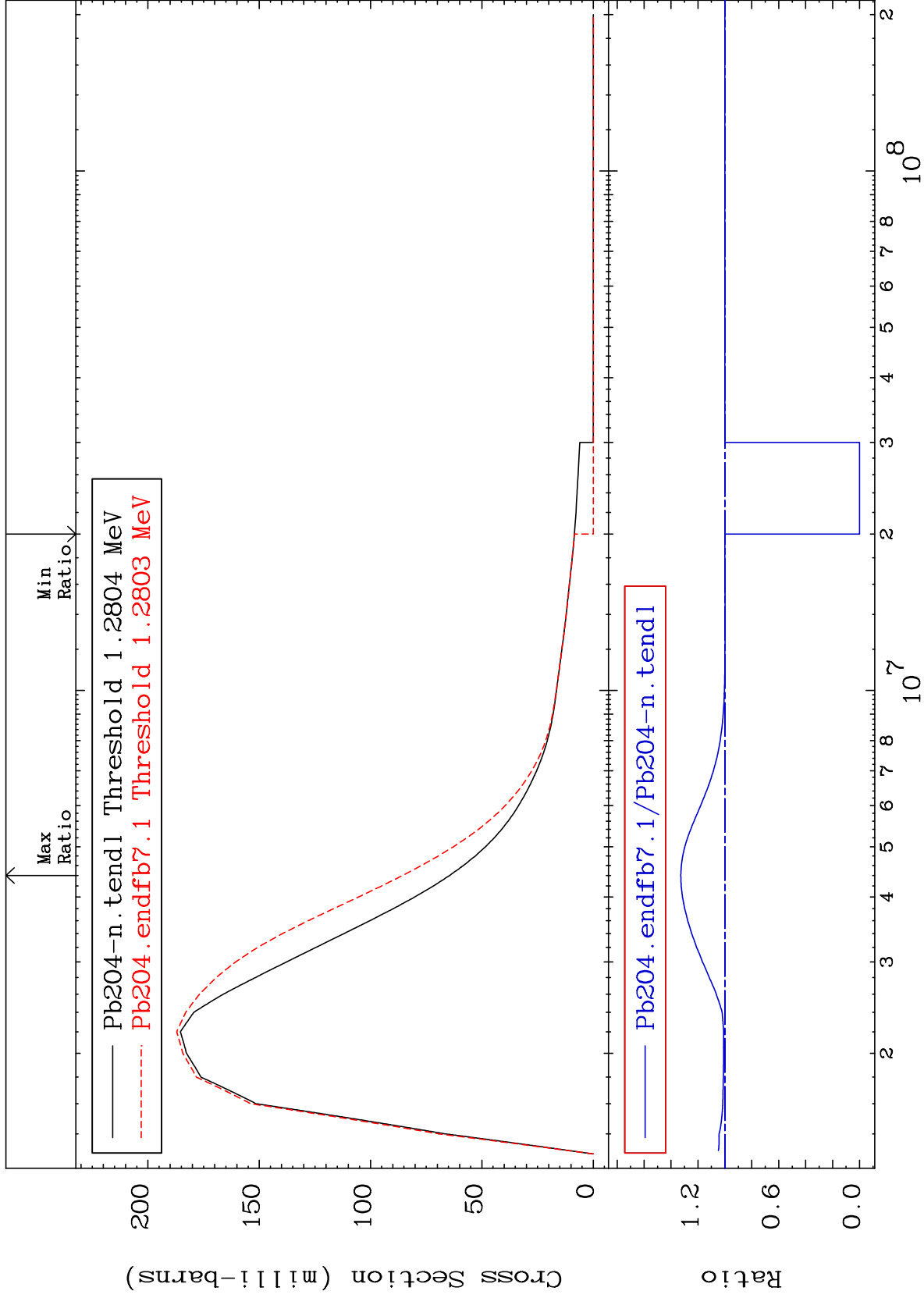
Incident Energy (eV)

82-Pb-204

MAT 8225

1.274 MeV (n,n') Level
Cross Section

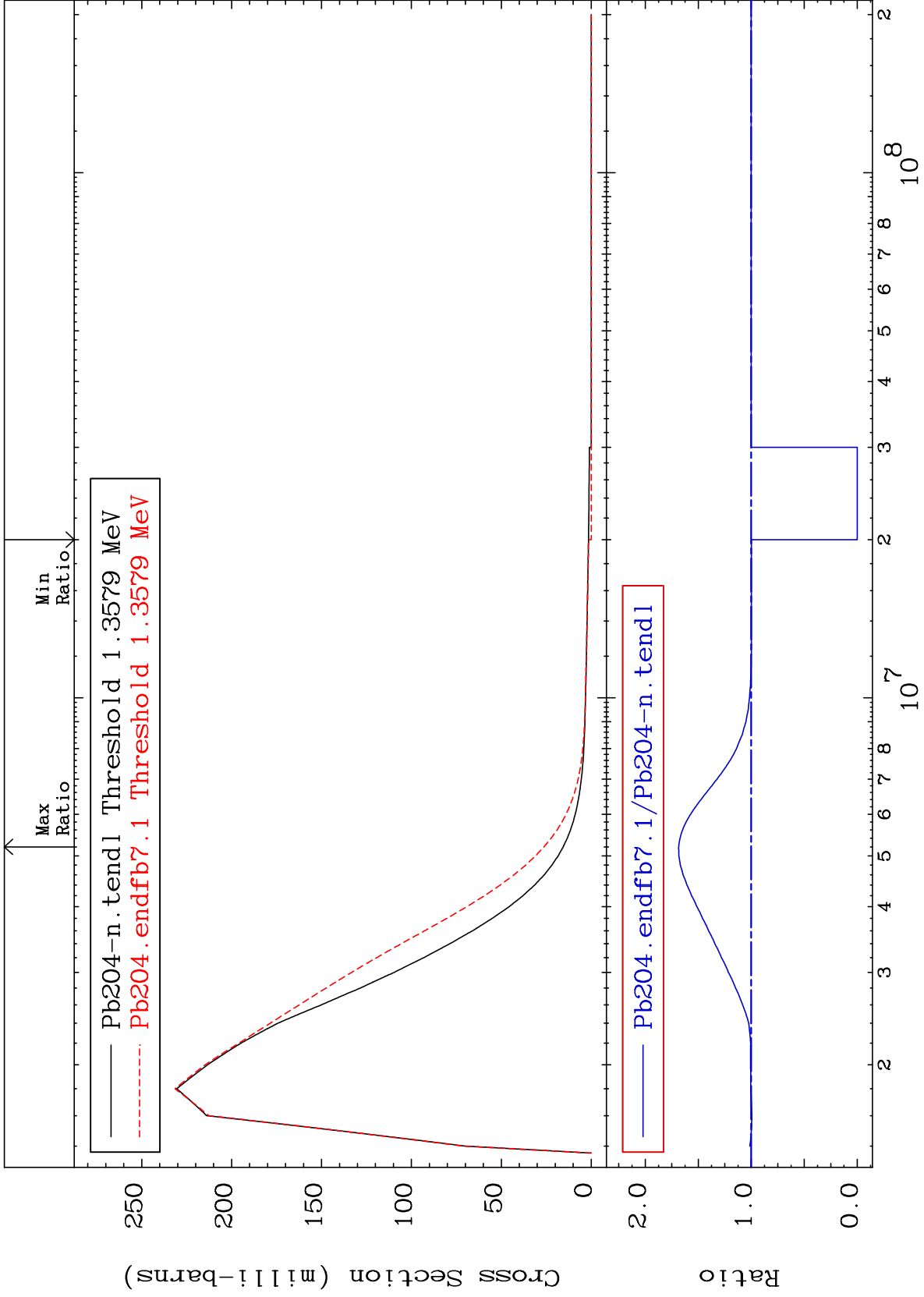
82-Pb-204
-100.0 To 32.75 %



MAT 8225

1.351 MeV (n,n') Level
Cross Section

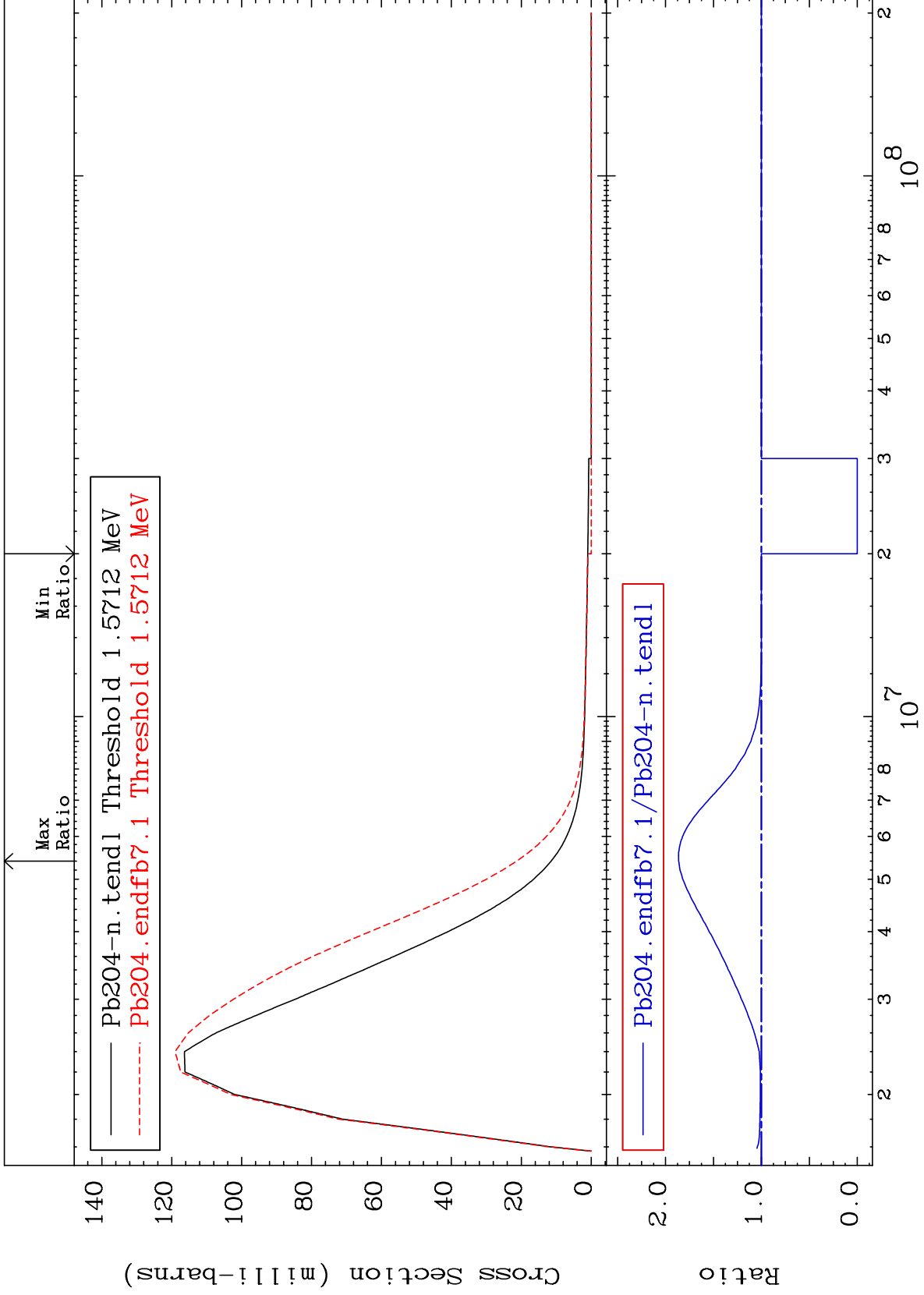
82-Pb-204
-100.0 To 68.53 %



MAT 8225

1.563 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 86.33 %



16

Incident Energy (eV)

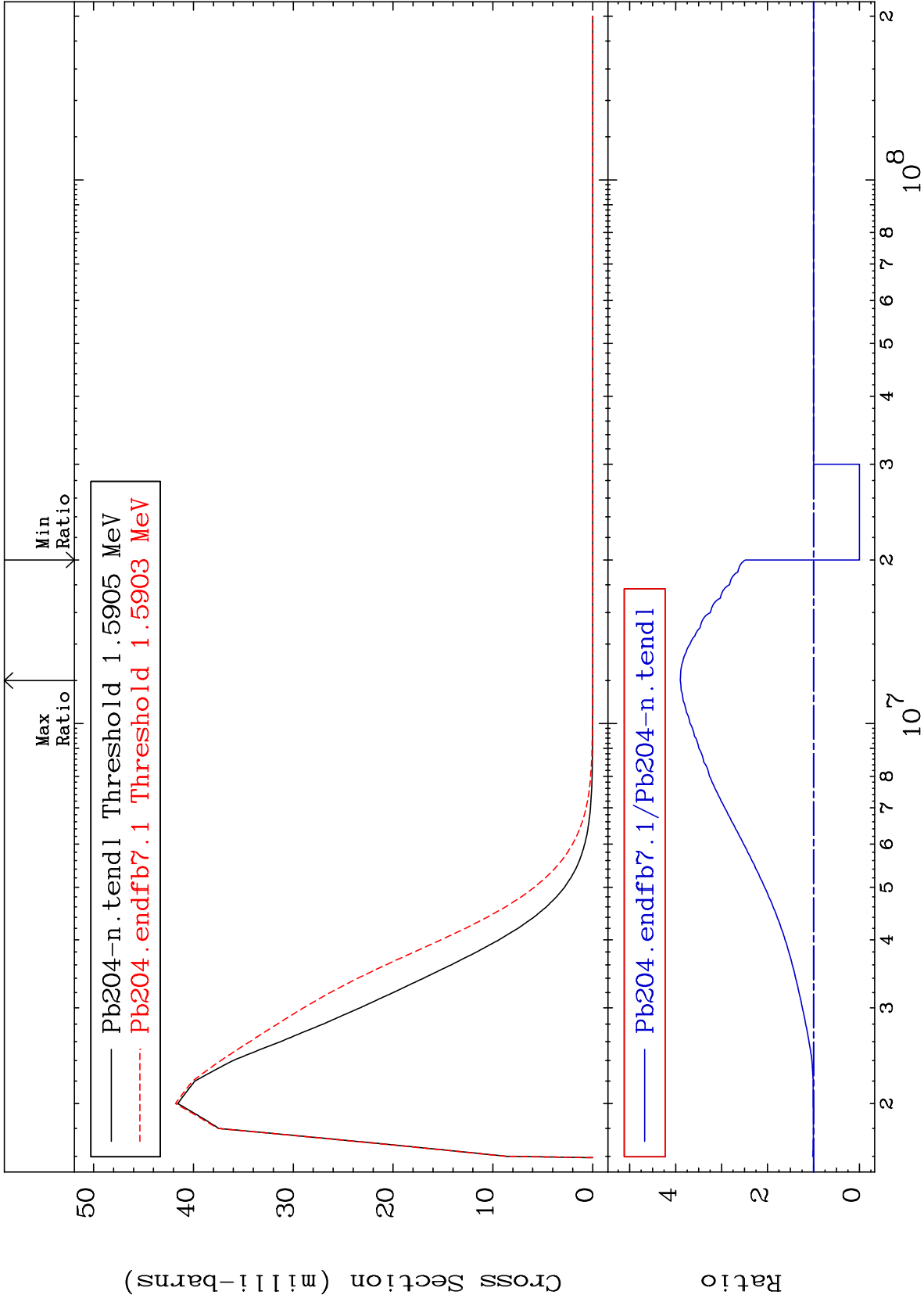
82-Pb-204

MAT 8225

1.583 MeV (n,n') Level

82-Pb-204

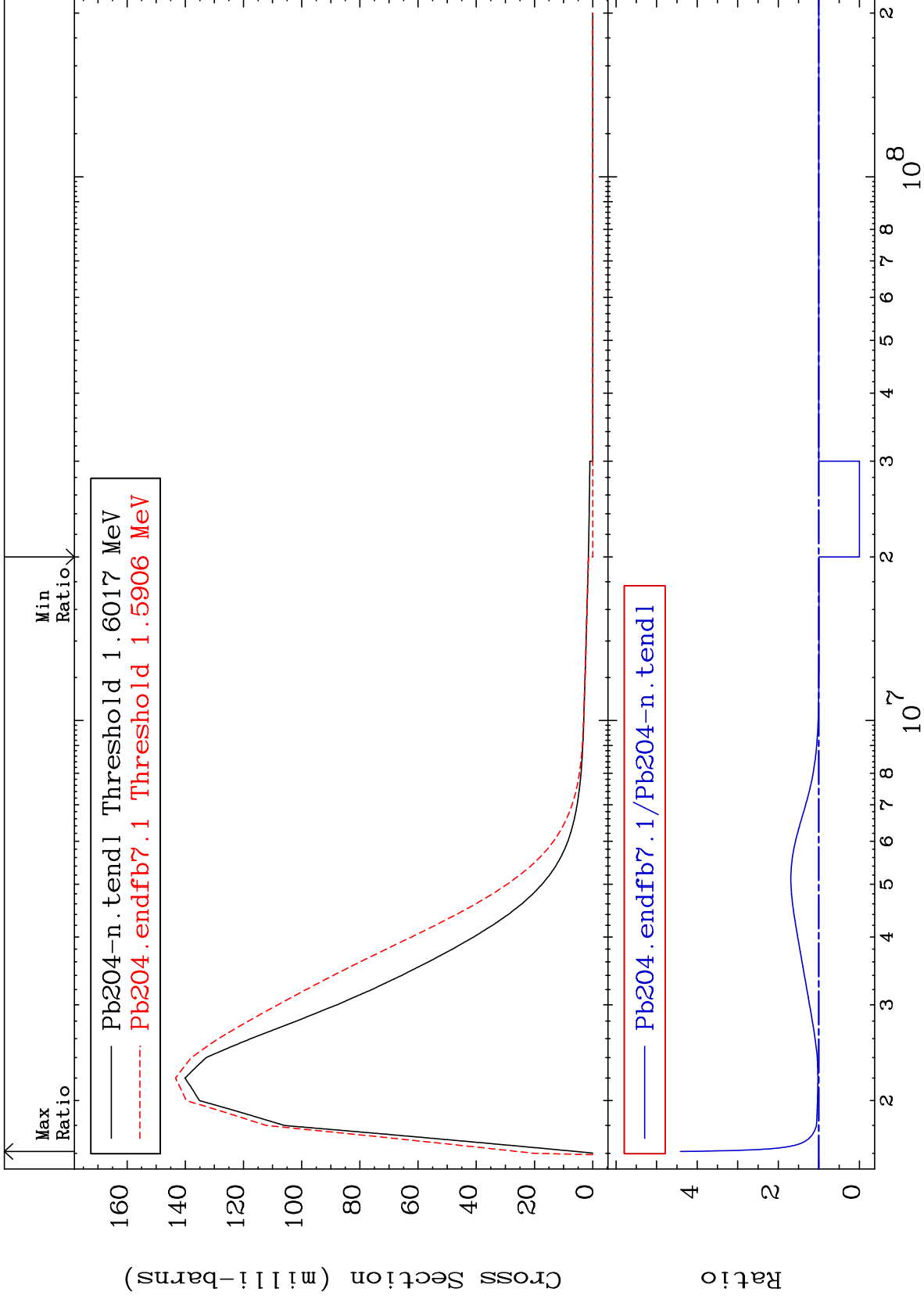
-100.0 To 289.7 %



MAT 8225

1.594 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 341.5 %

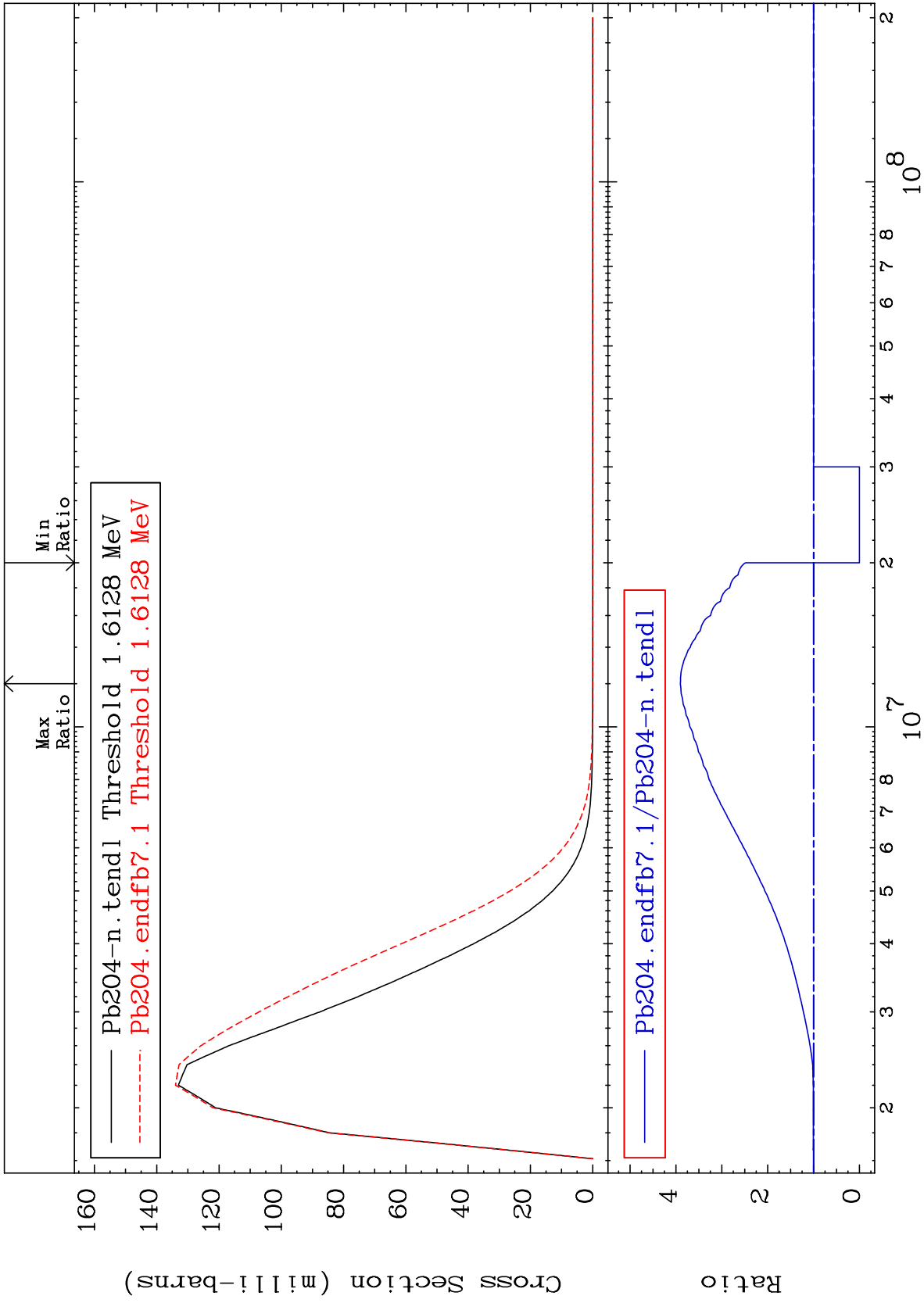


MAT 8225

1.605 MeV (n,n') Level

82-Pb-204

-100.0 To 290.5 %



19

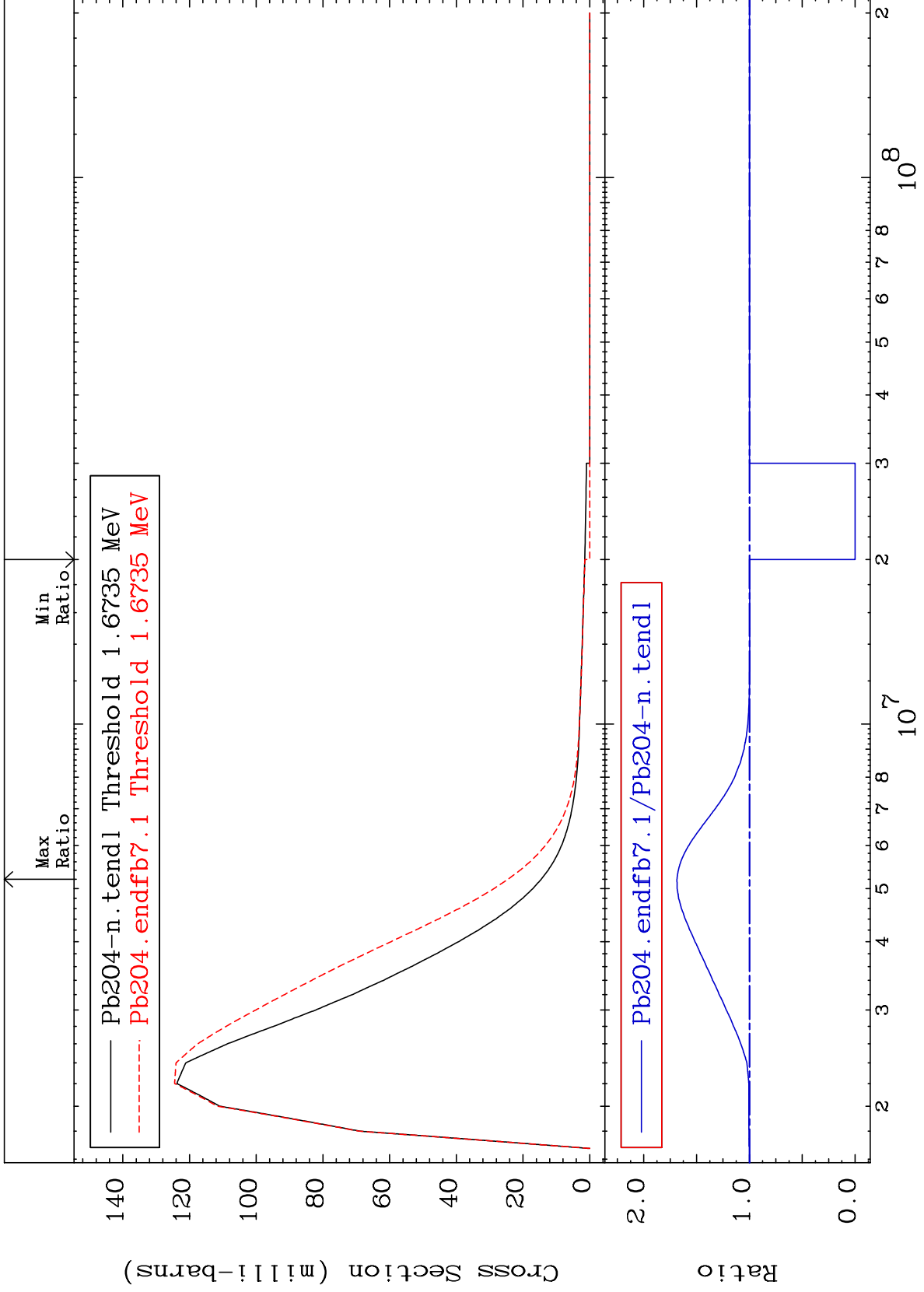
Incident Energy (eV)

82-Pb-204

MAT 8225

1.665 MeV (n,n') Level
Cross Section

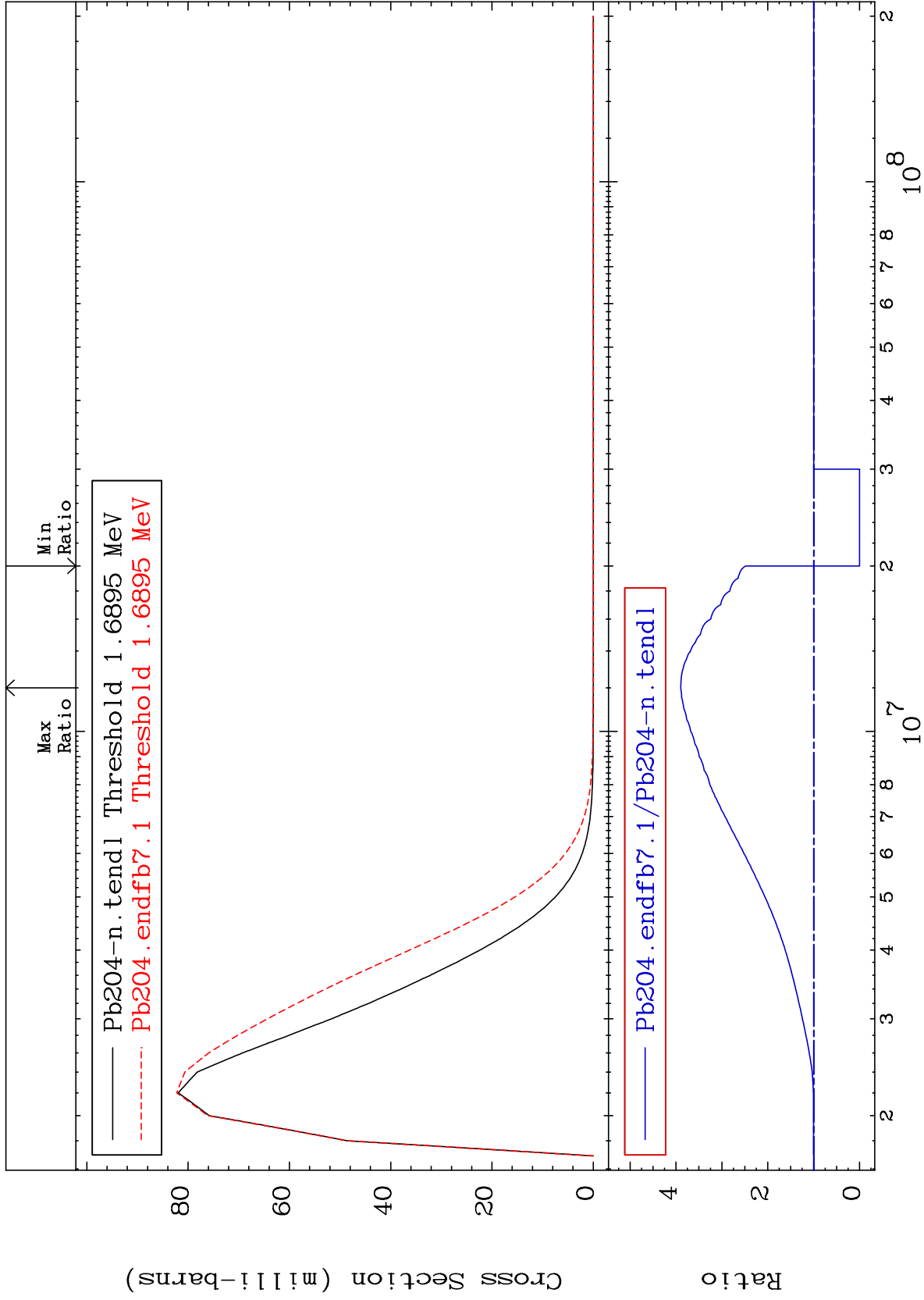
82-Pb-204
-100.0 To 68.60 %



20

Incident Energy (eV)

82-Pb-204

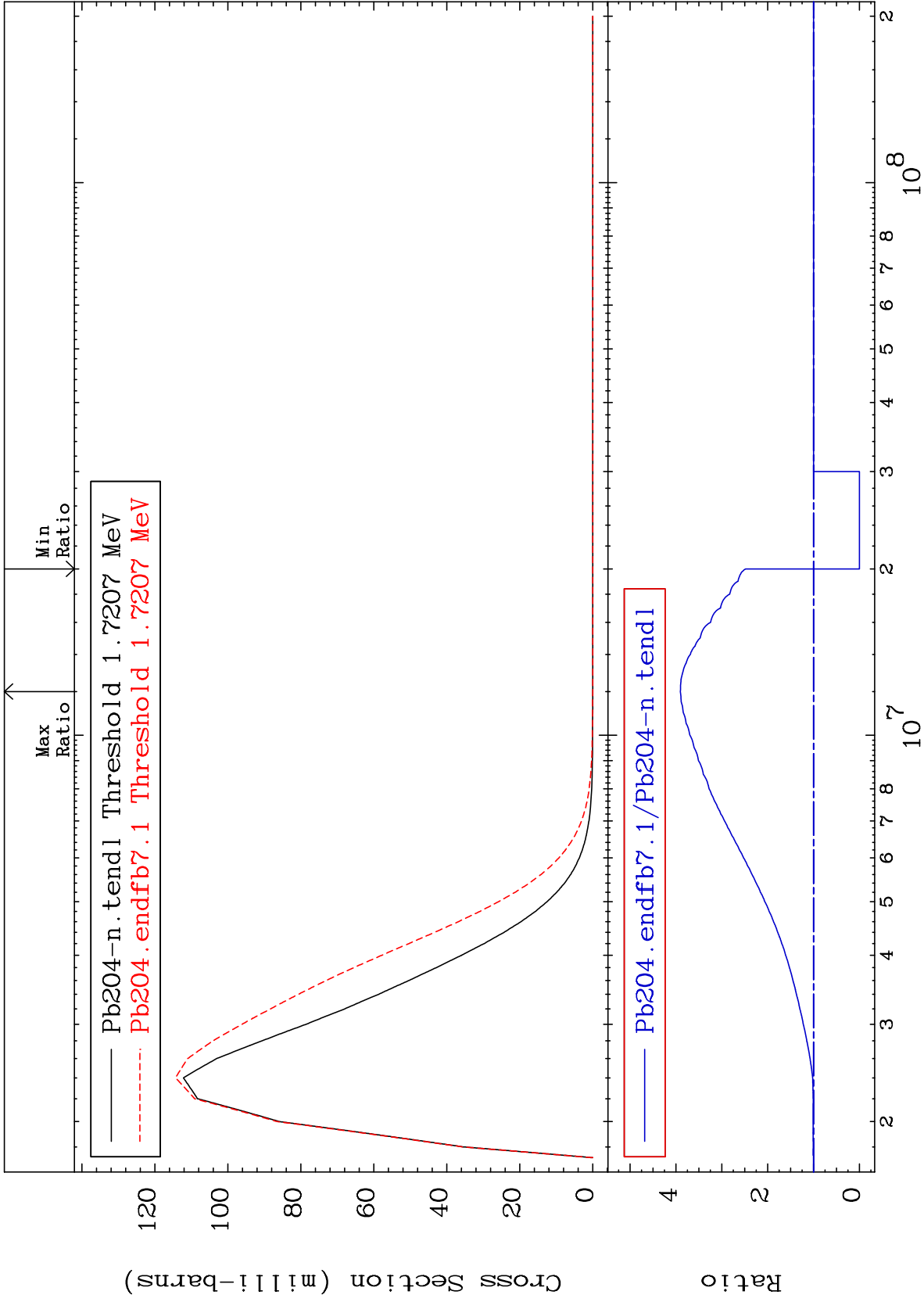


MAT 8225

1.712 MeV (n,n') Level

82-Pb-204

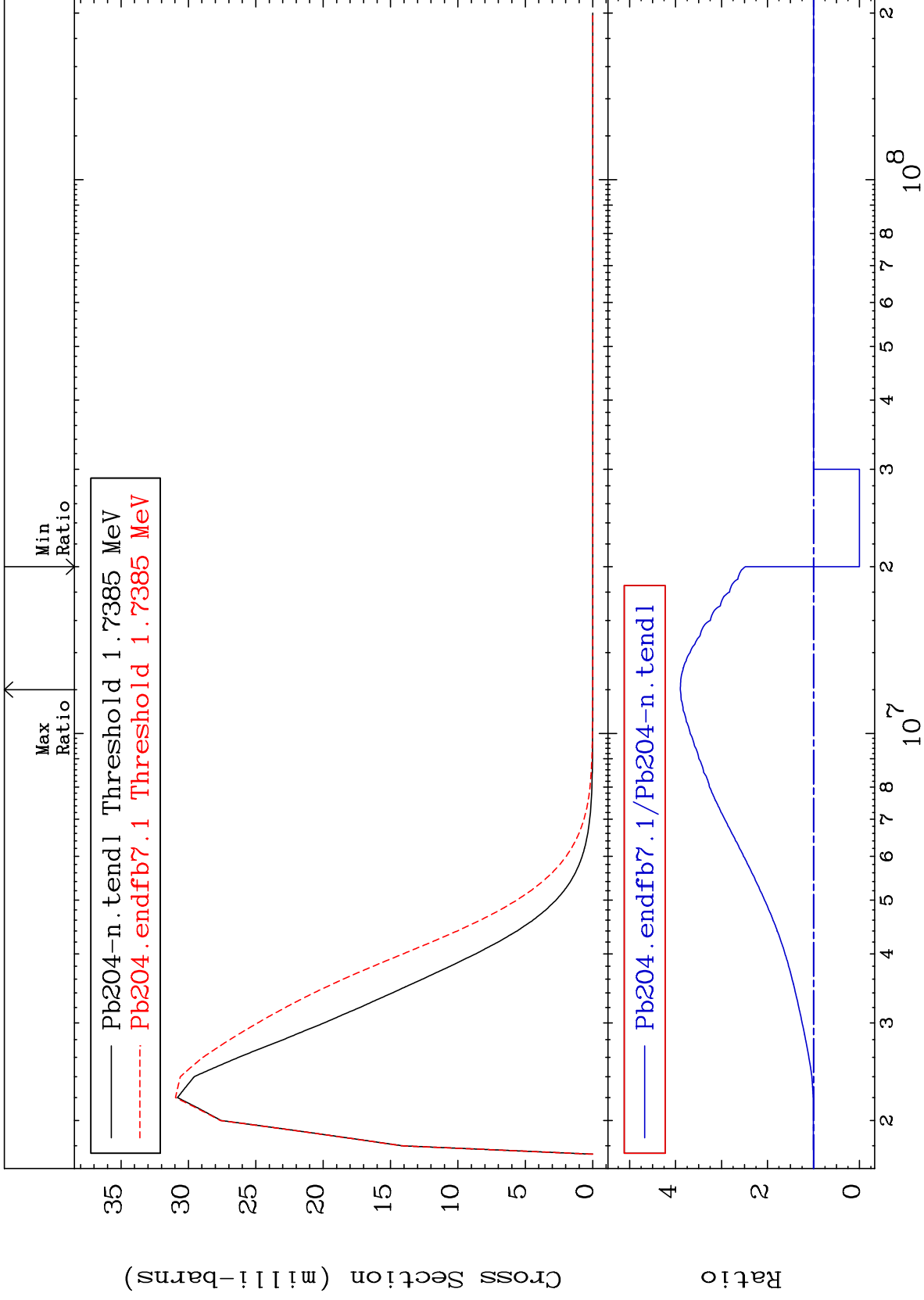
-100.0 To 290.5 %



MAT 8225

1.730 MeV (n,n') Level
Cross Section

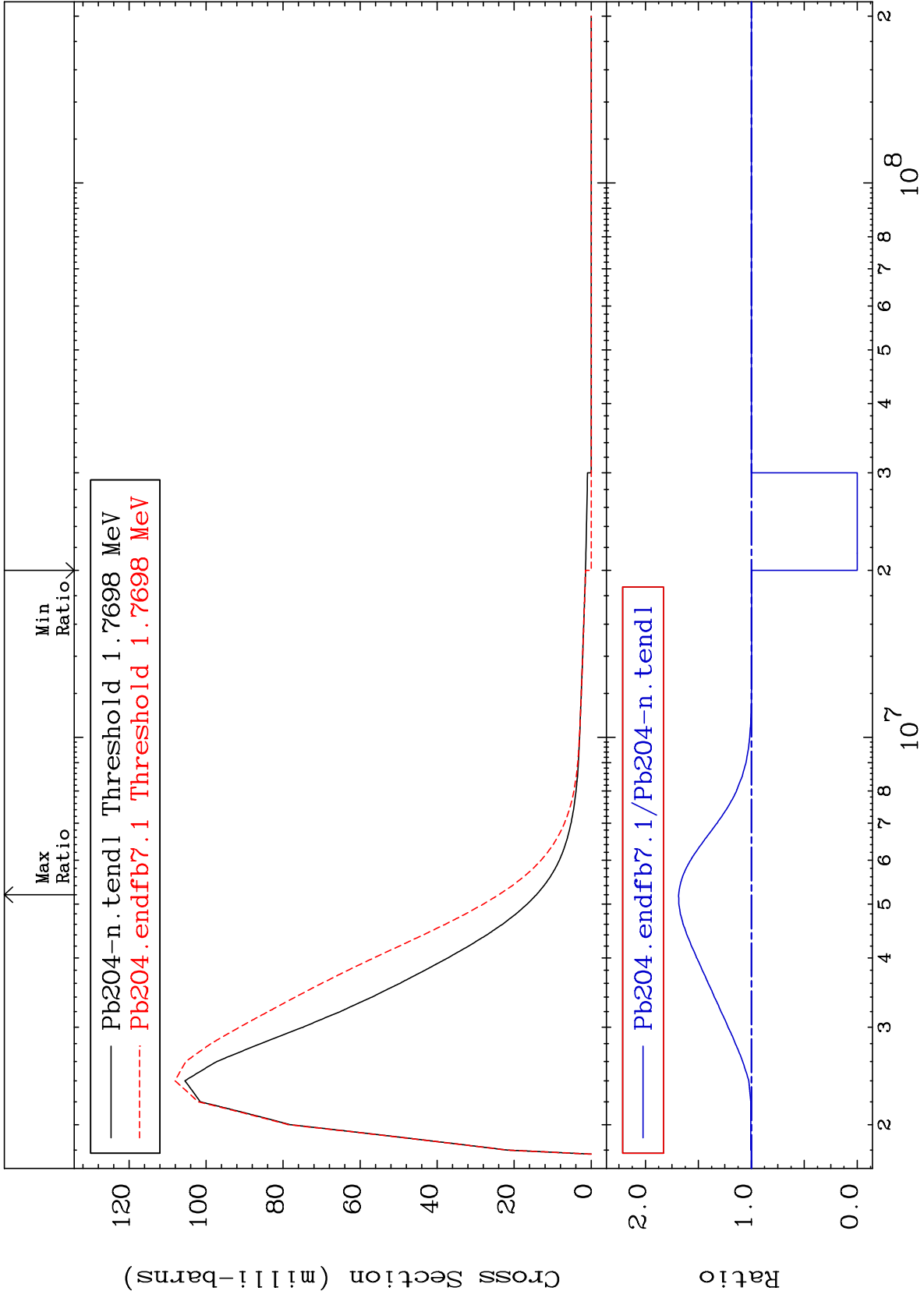
82-Pb-204
-100.0 To 289.7 %



MAT 8225

1.761 MeV (n,n') Level
Cross Section

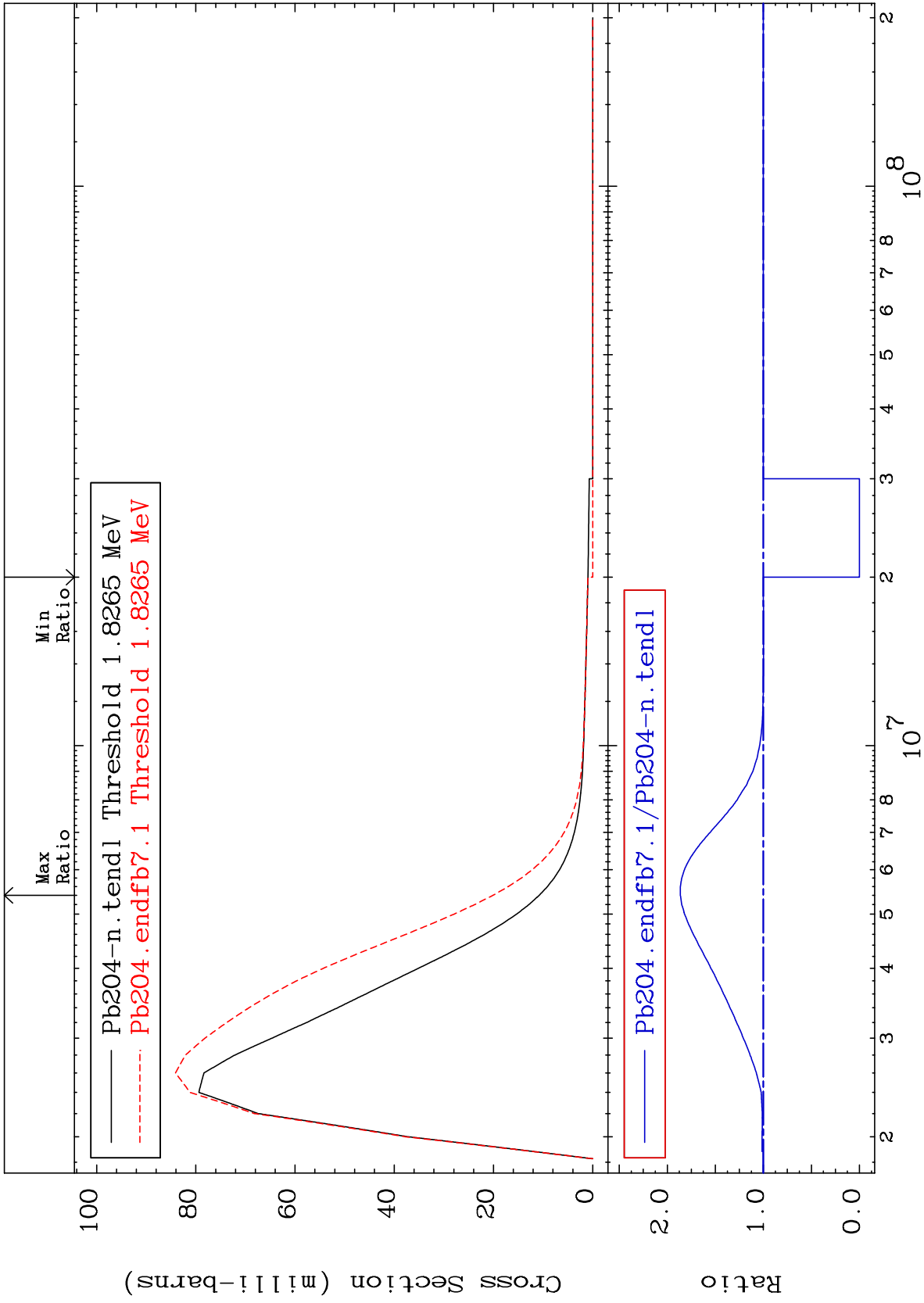
82-Pb-204
-100.0 To 68.65 %



MAT 8225

1.818 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 86.40 %



25

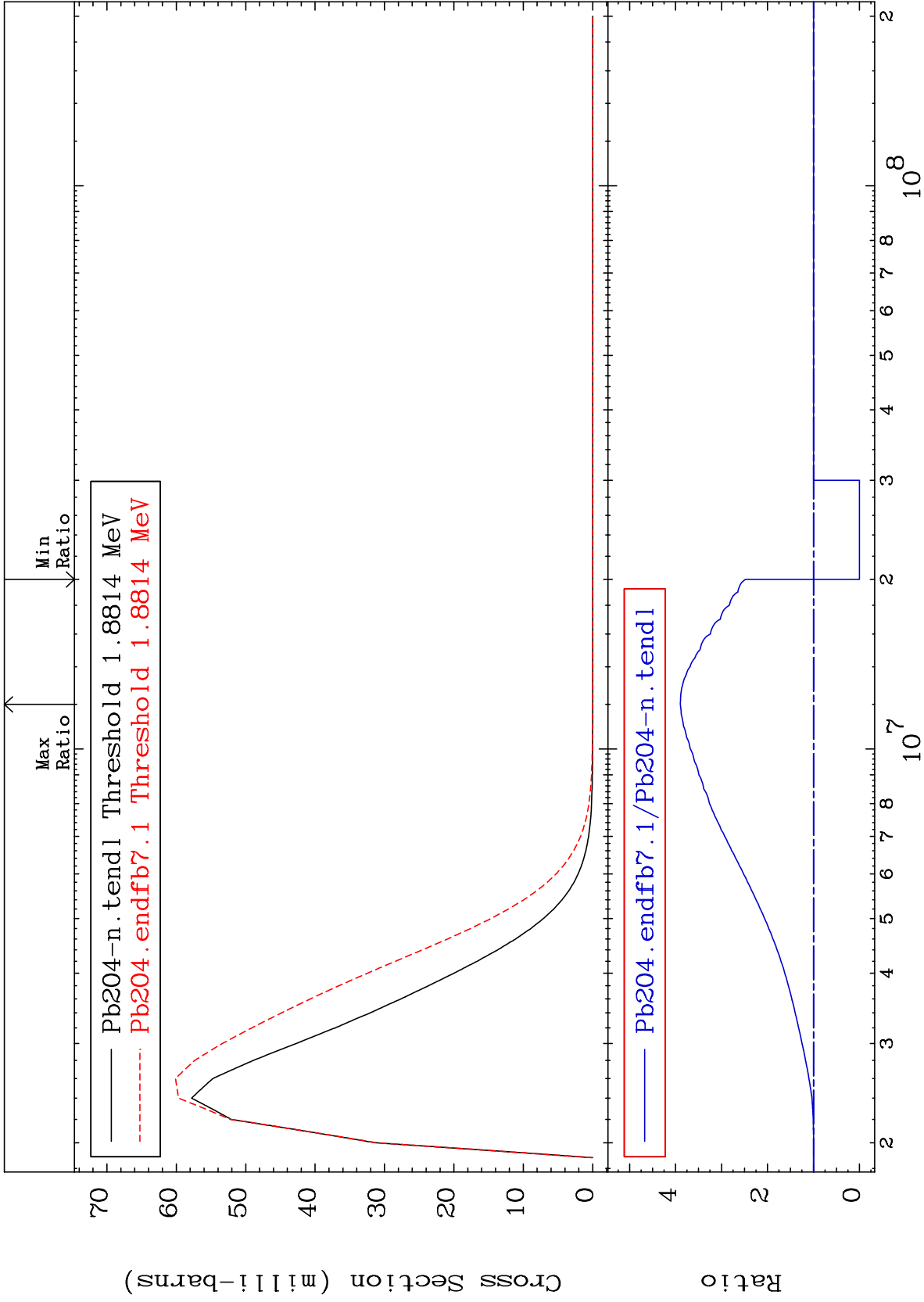
Incident Energy (eV)

82-Pb-204

MAT 8225

1.872 MeV (n,n') Level
Cross Section

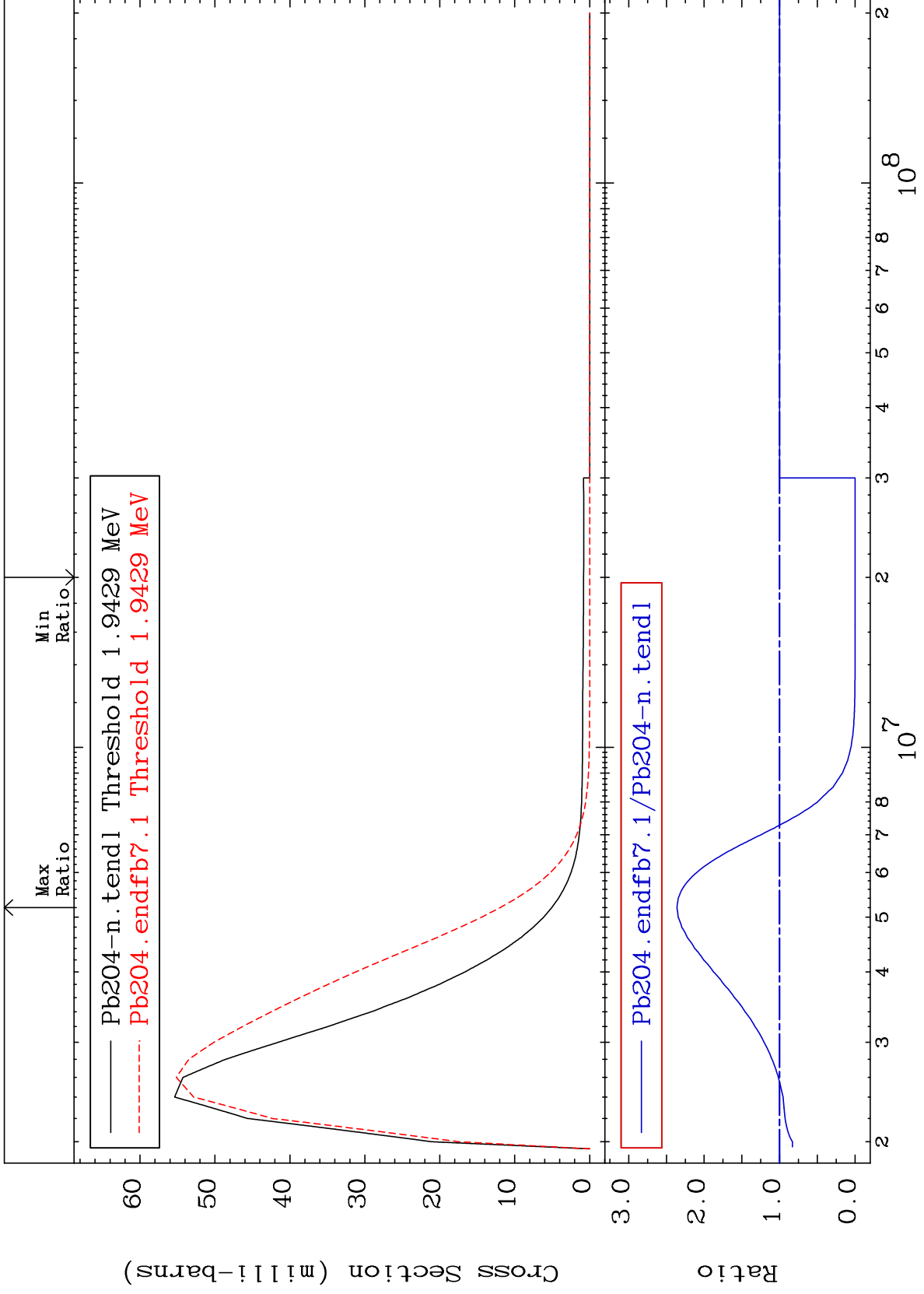
82-Pb-204
-100.0 To 289.5 %

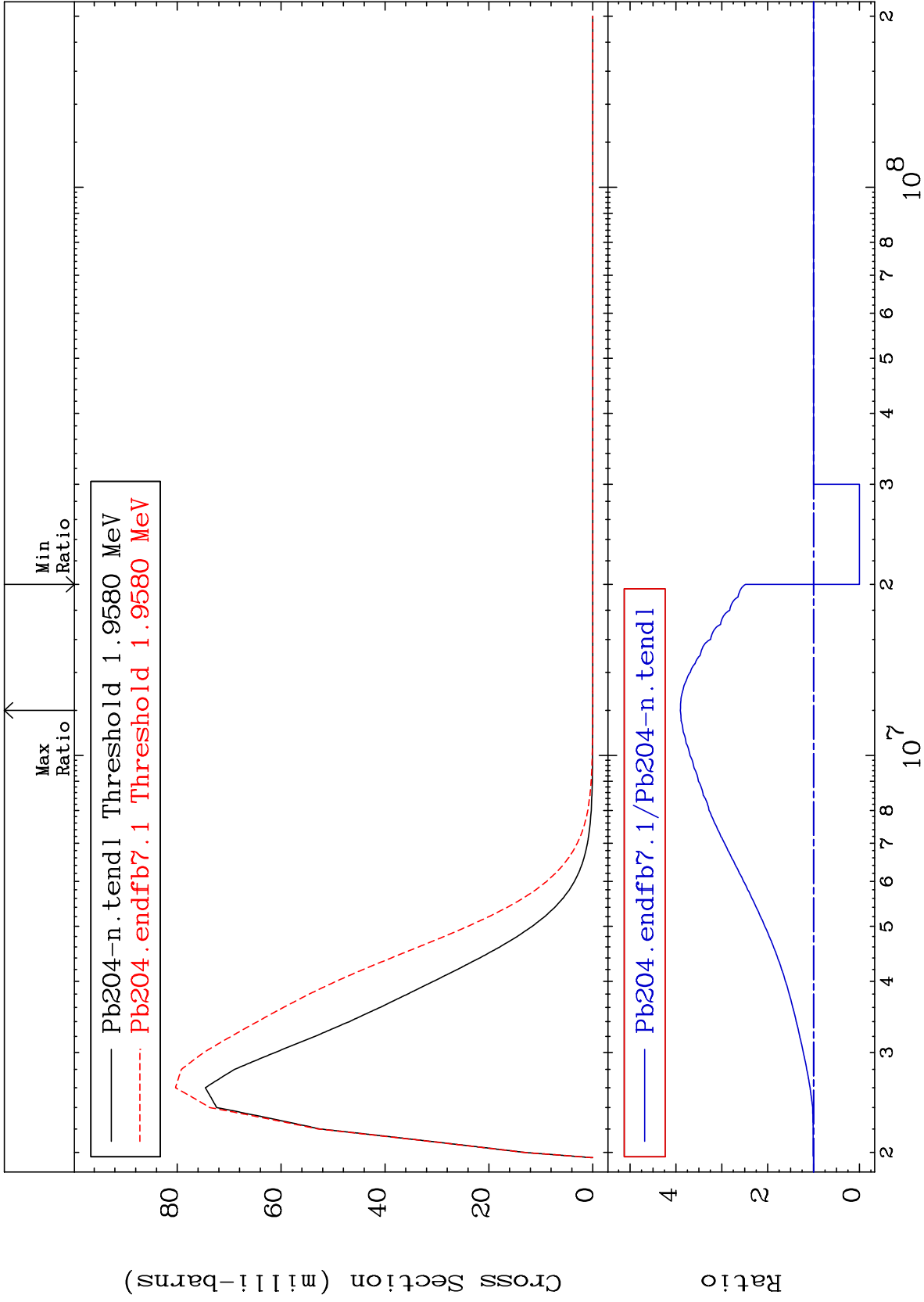


MAT 8225

1.933 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 136.1 %

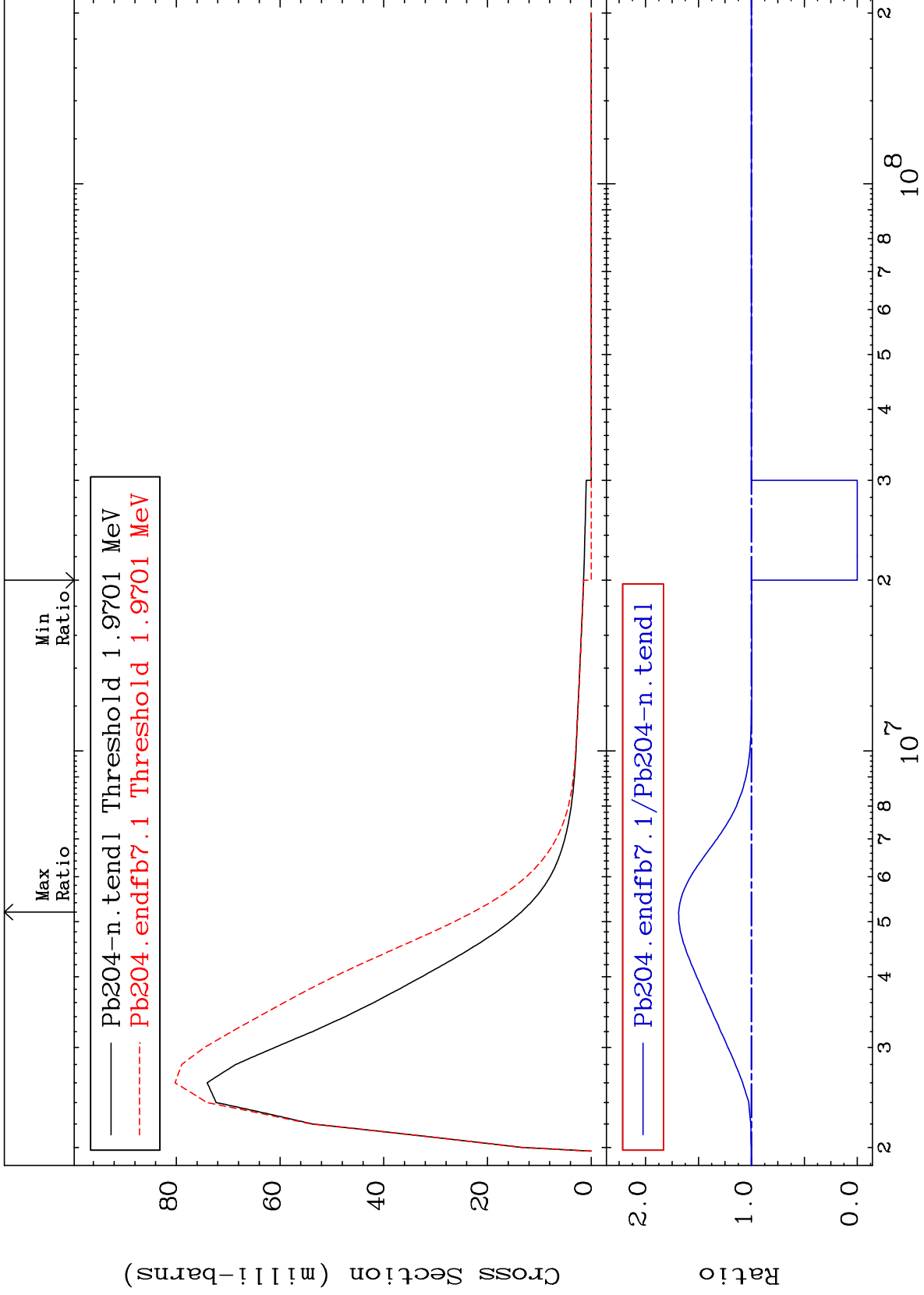




MAT 8225

1.960 MeV (n,n') Level
Cross Section

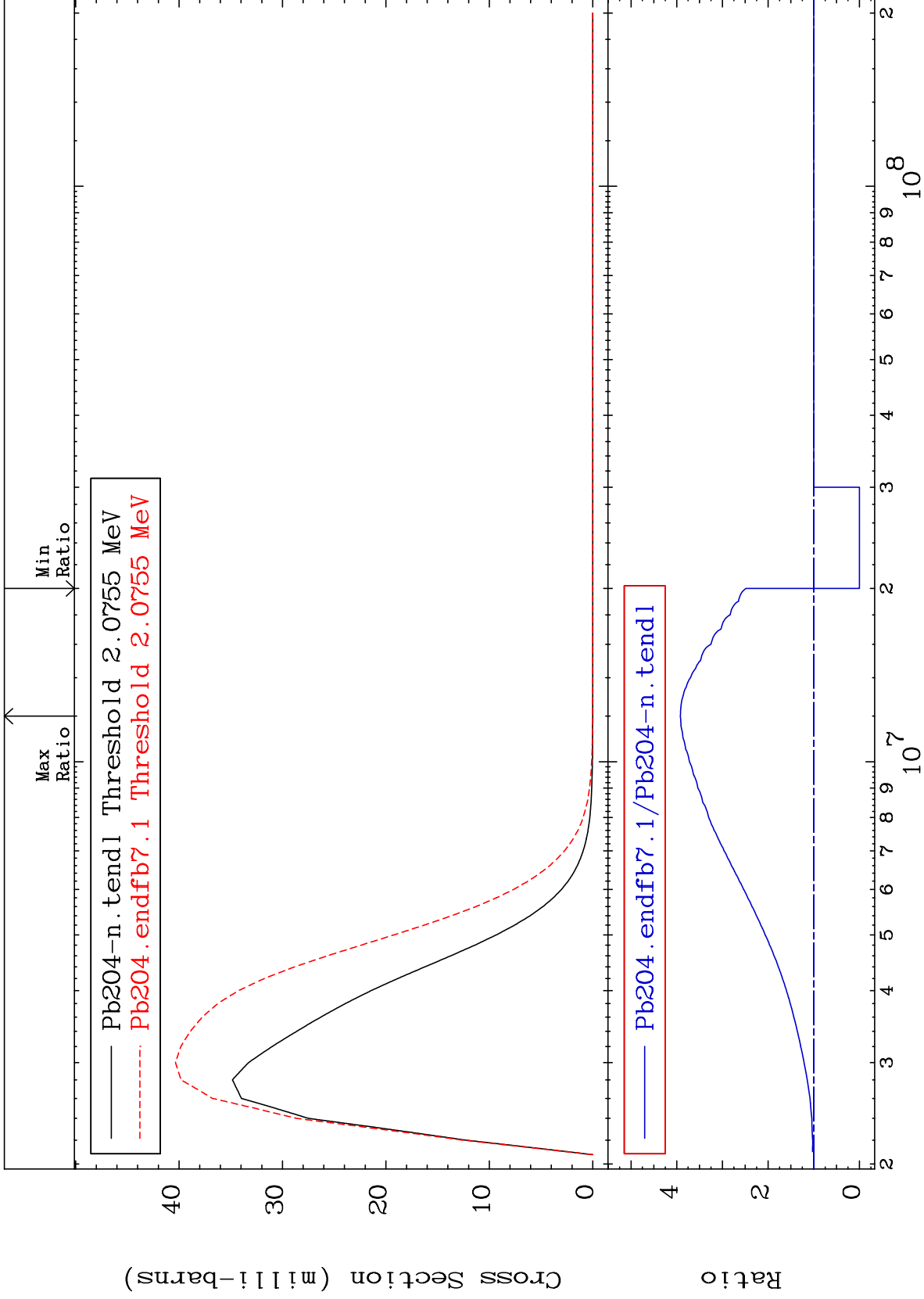
82-Pb-204
-100.0 To 68.79 %



MAT 8225

2.065 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 292.0 %



30

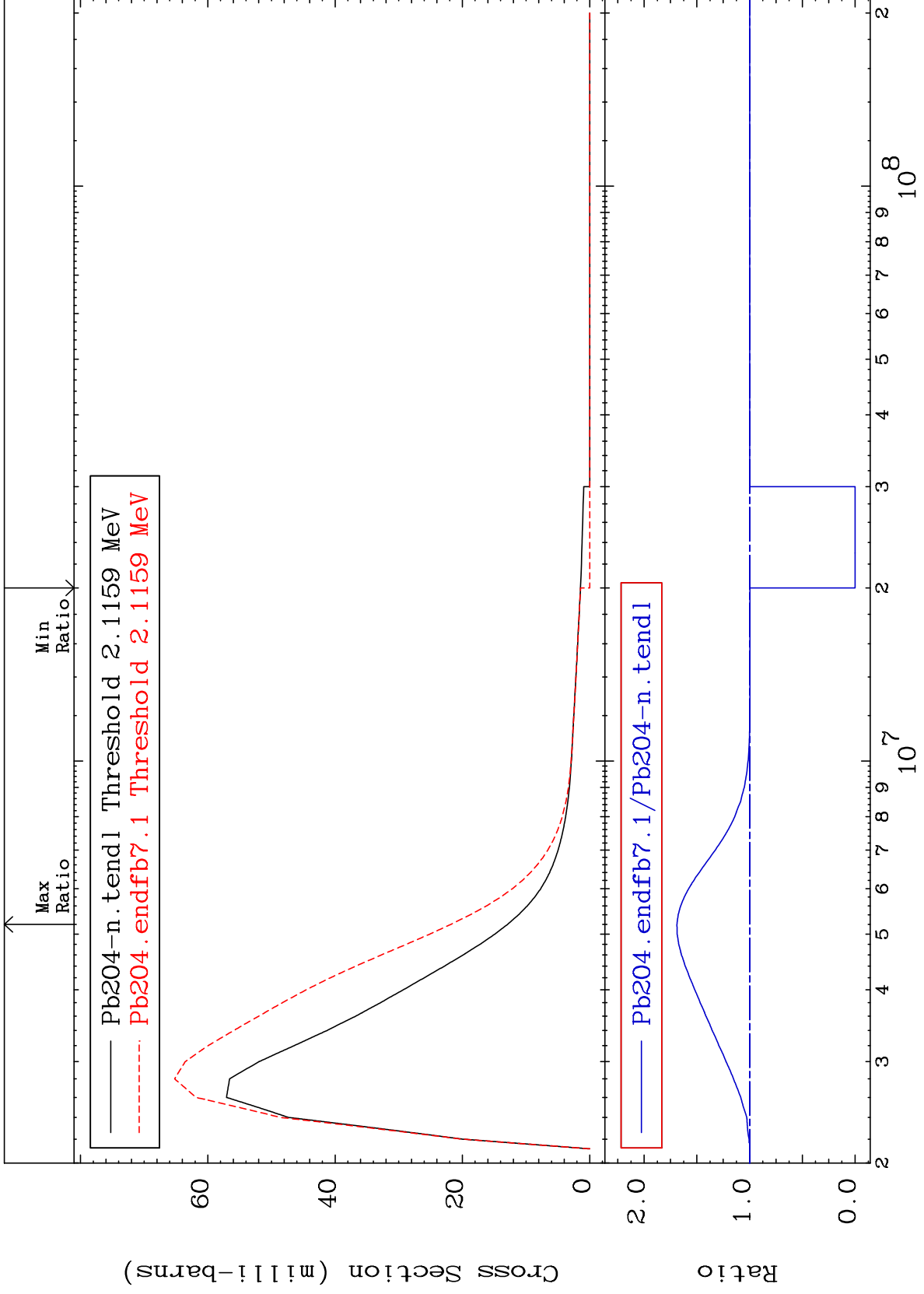
Incident Energy (eV)

82-Pb-204

MAT 8225

2.105 MeV (n,n') Level
Cross Section

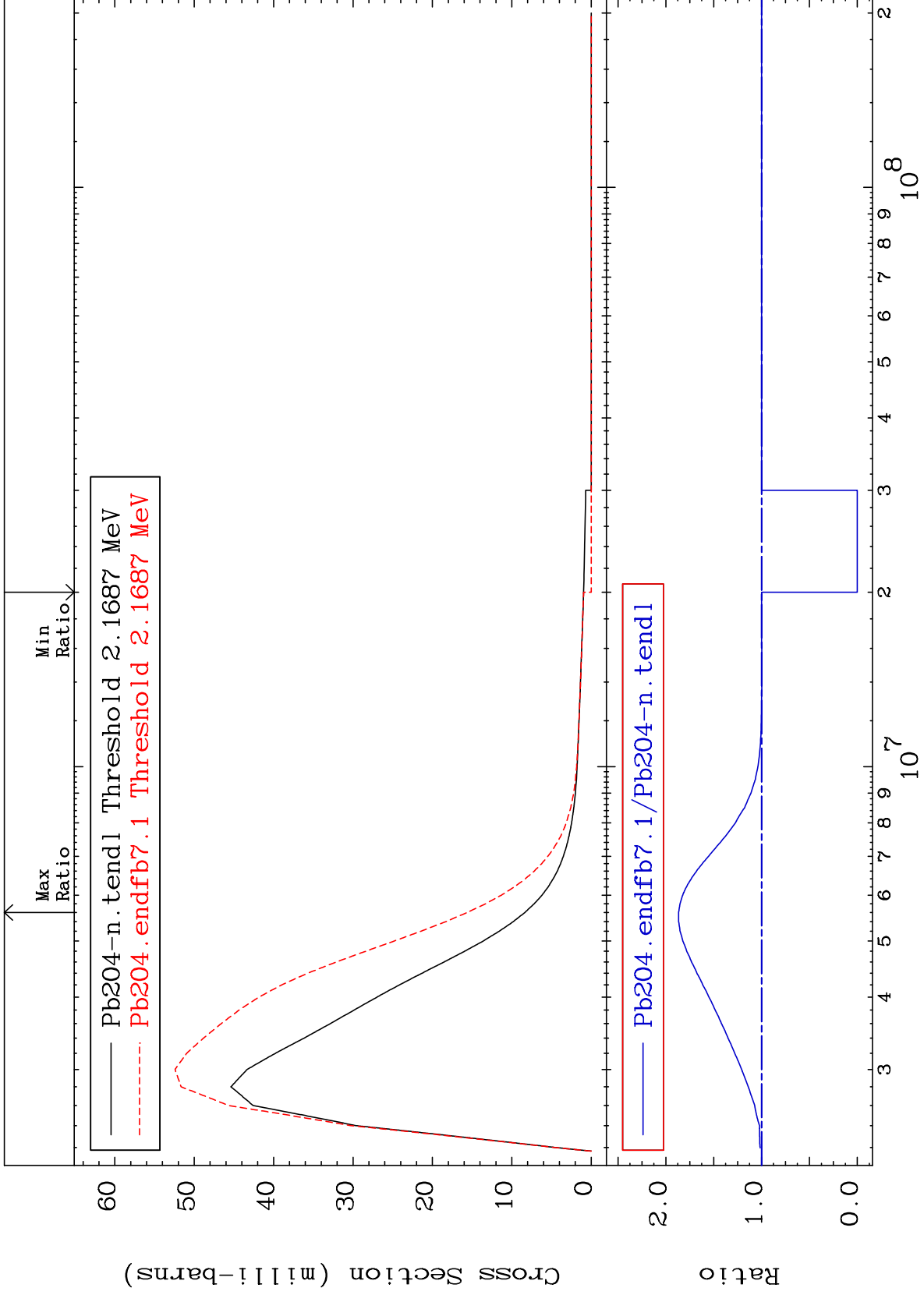
82-Pb-204
-100.0 To 68.92 %



MAT 8225

2.158 MeV (n,n') Level
Cross Section

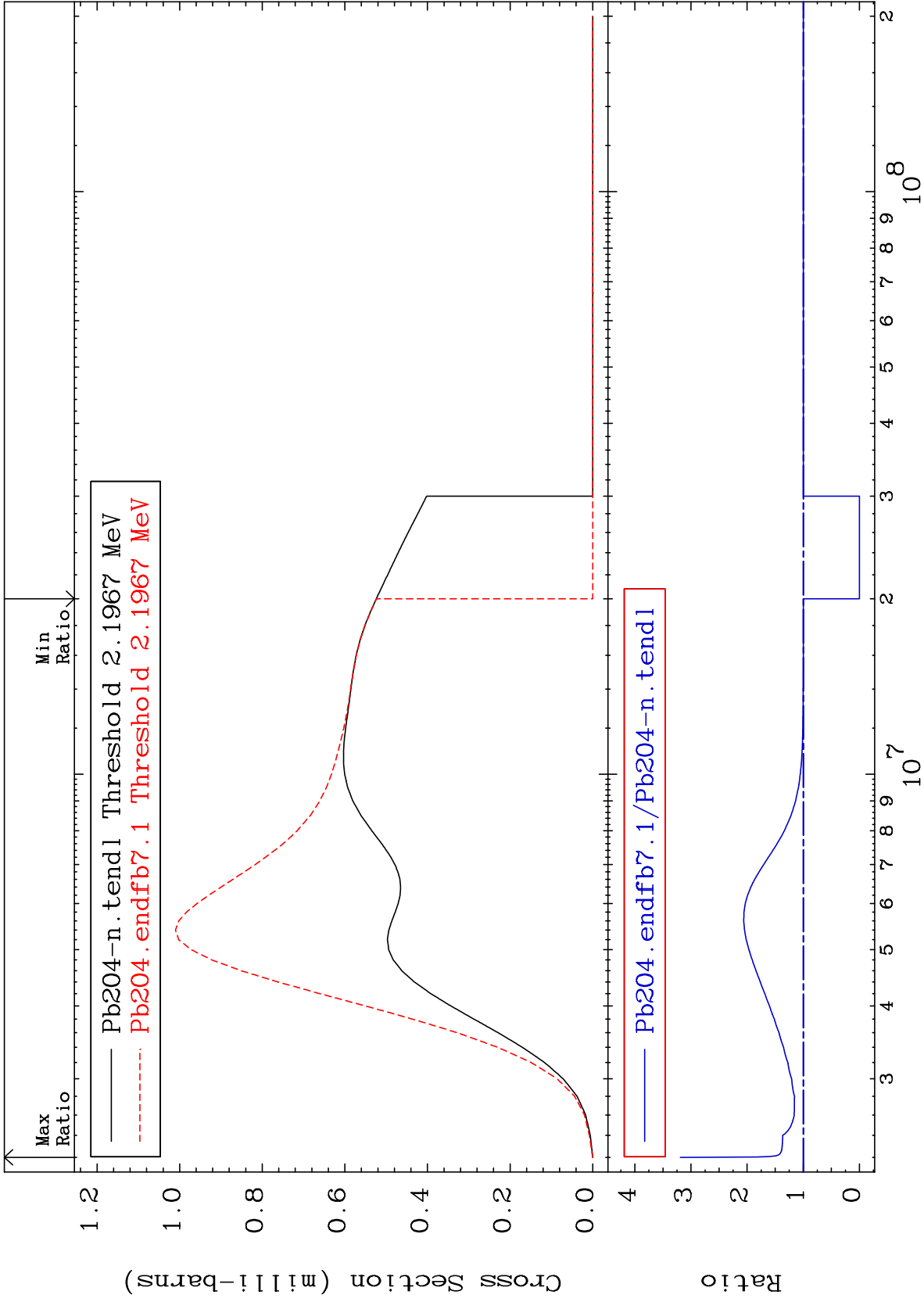
82-Pb-204
-100.0 To 86.68 %

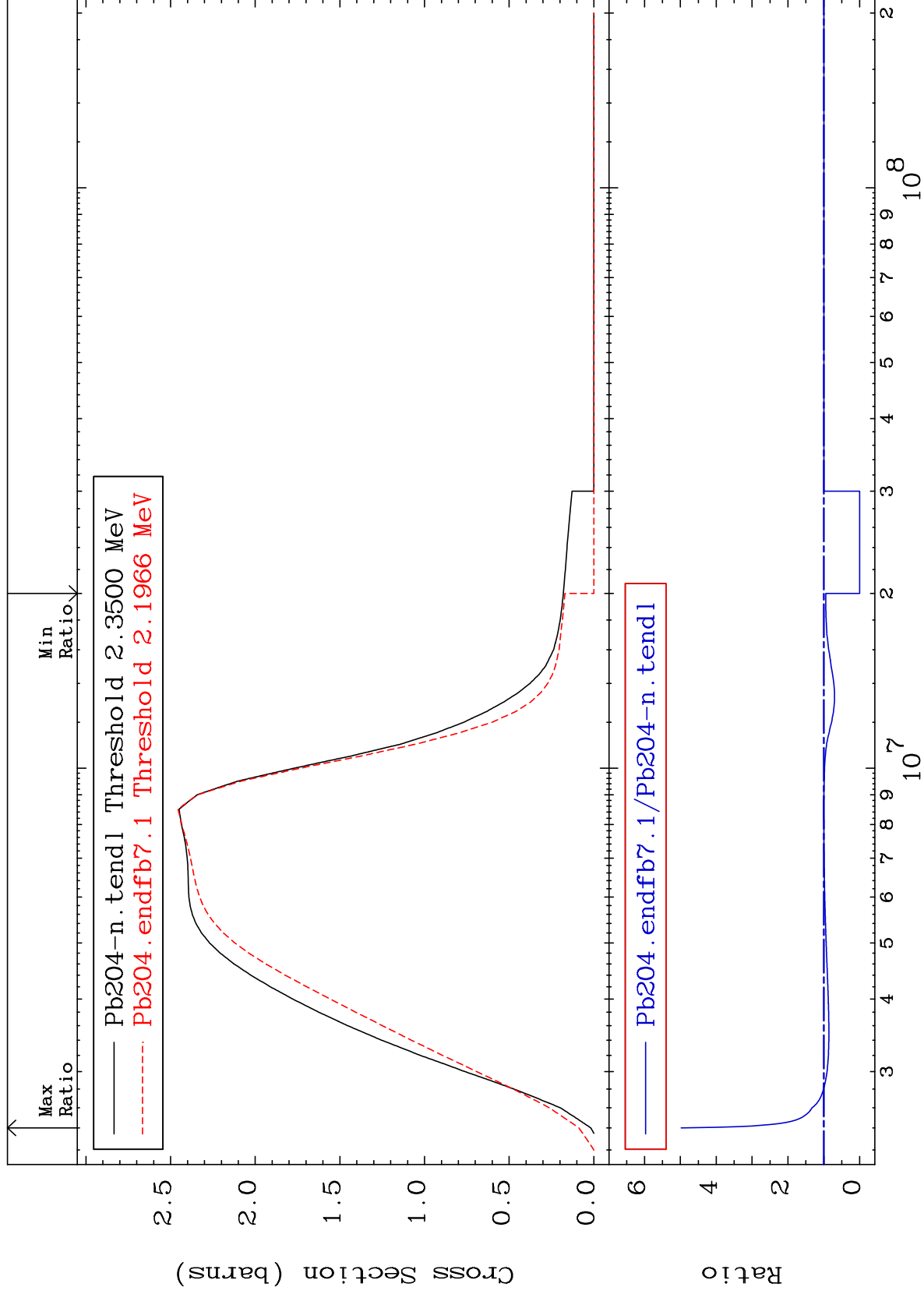


32

Incident Energy (eV)

82-Pb-204



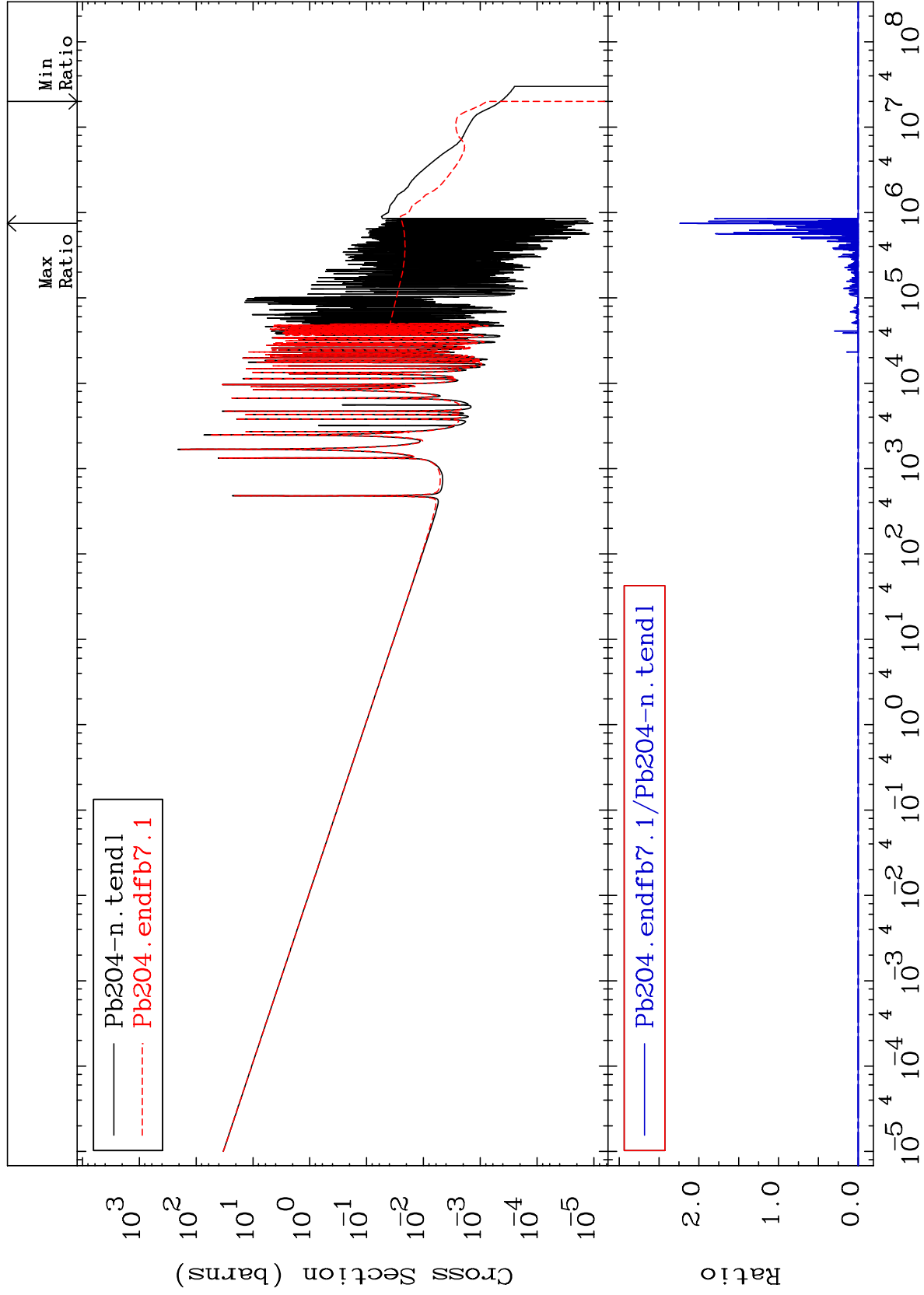


MAT 8225

(n, γ)
Cross Section

82-Pb-204

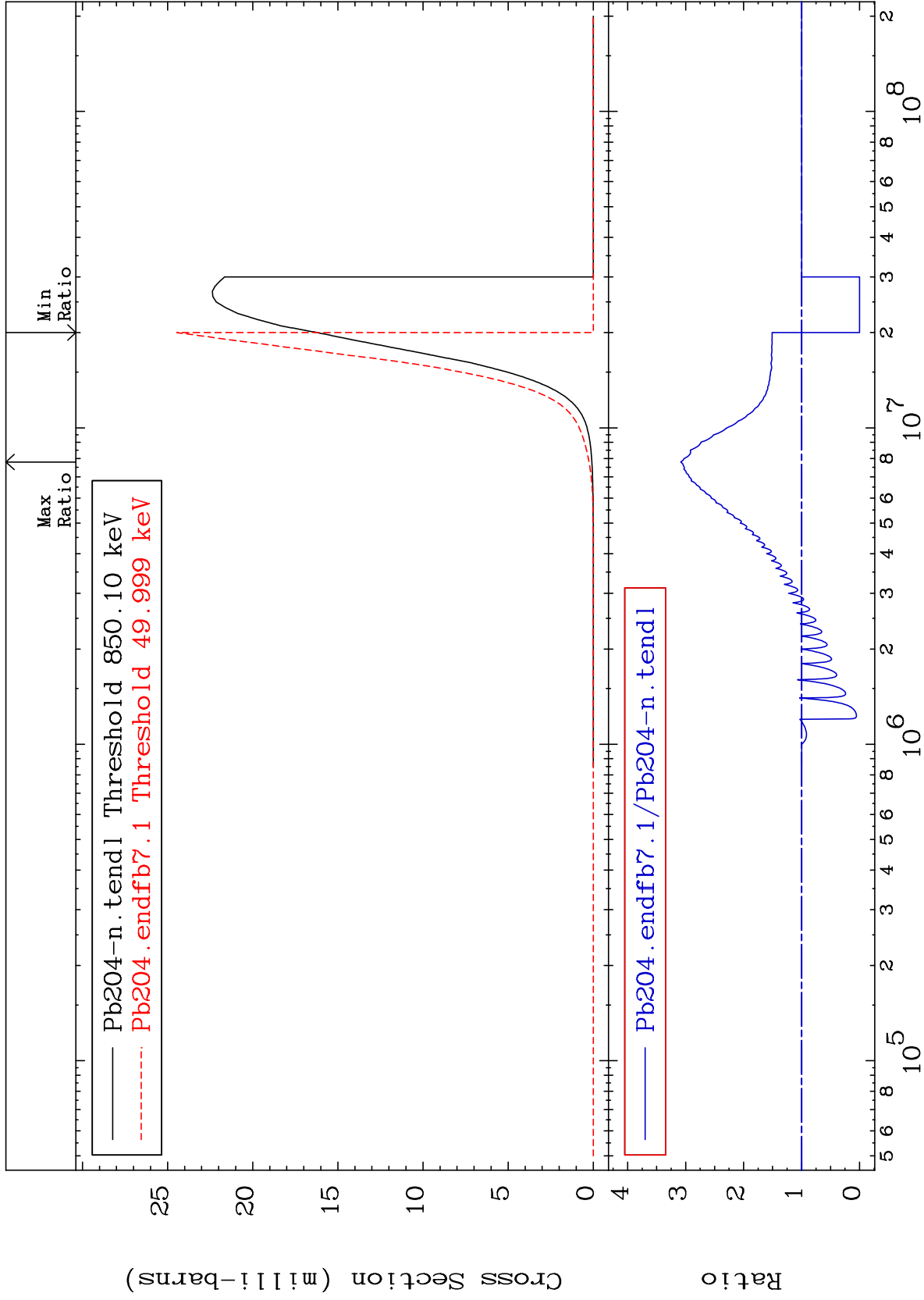
-100.0 To 9999. %

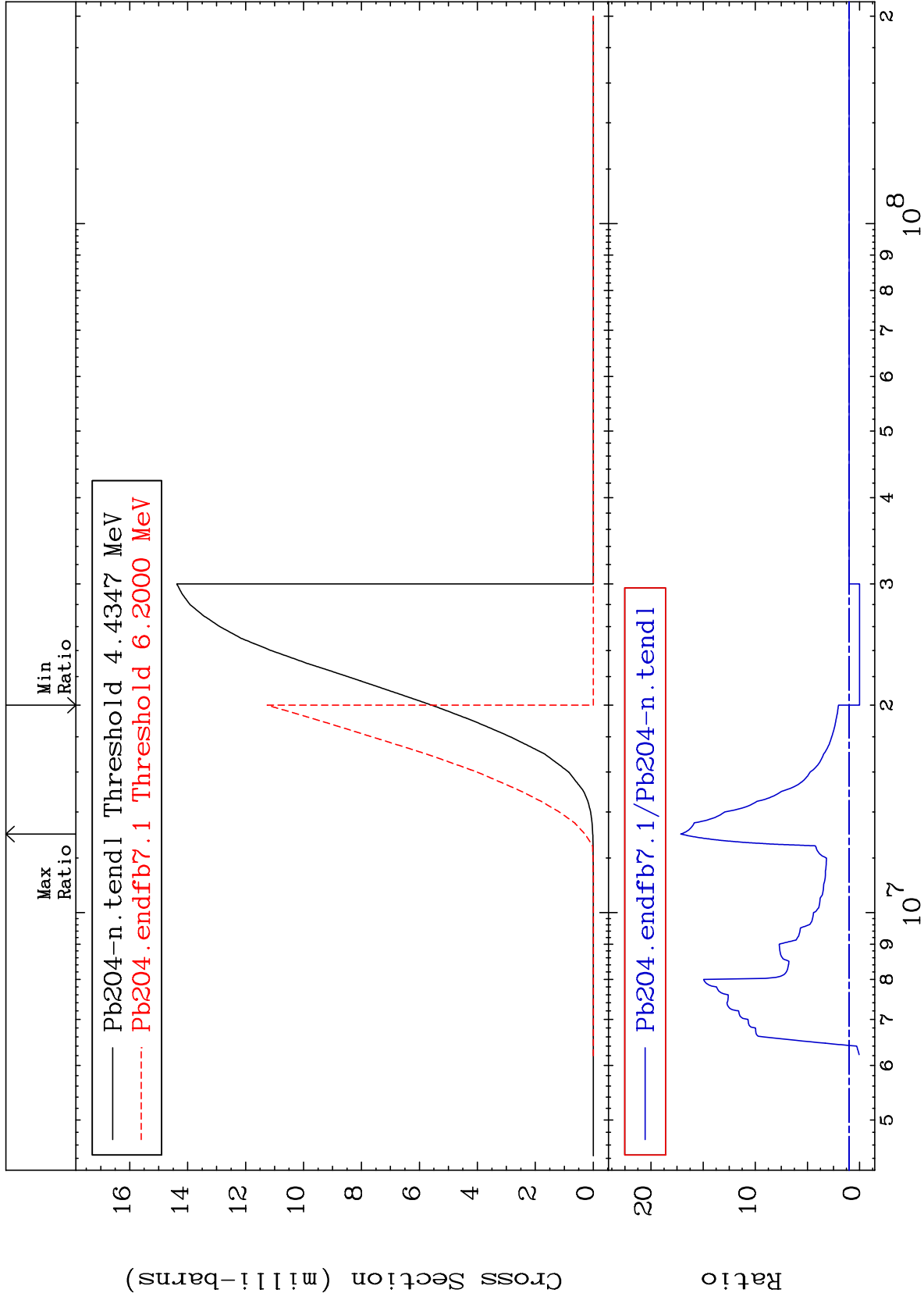


Incident Energy (eV)

82-Pb-204

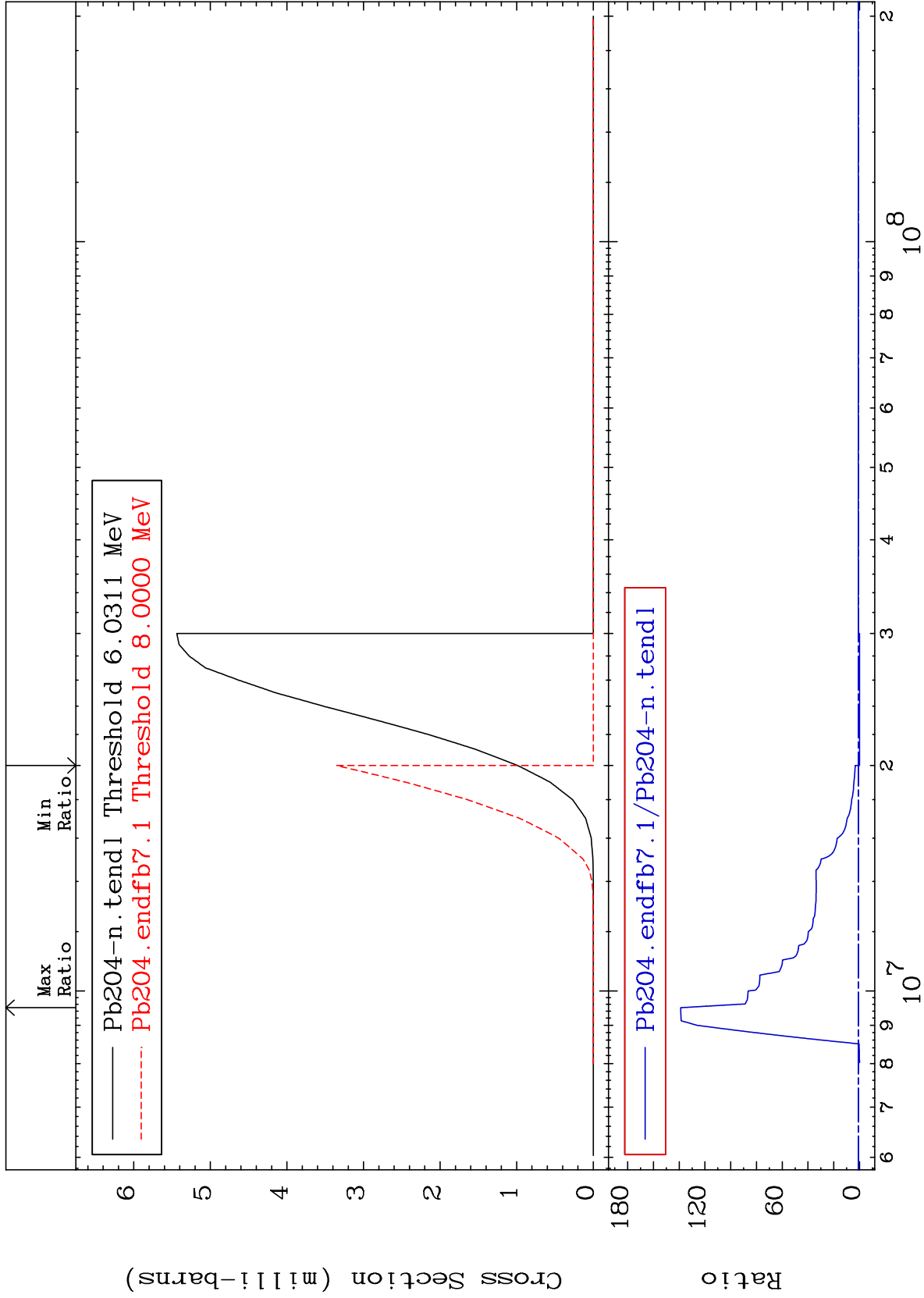
35





Cross Section

-100.0 To 9999. %

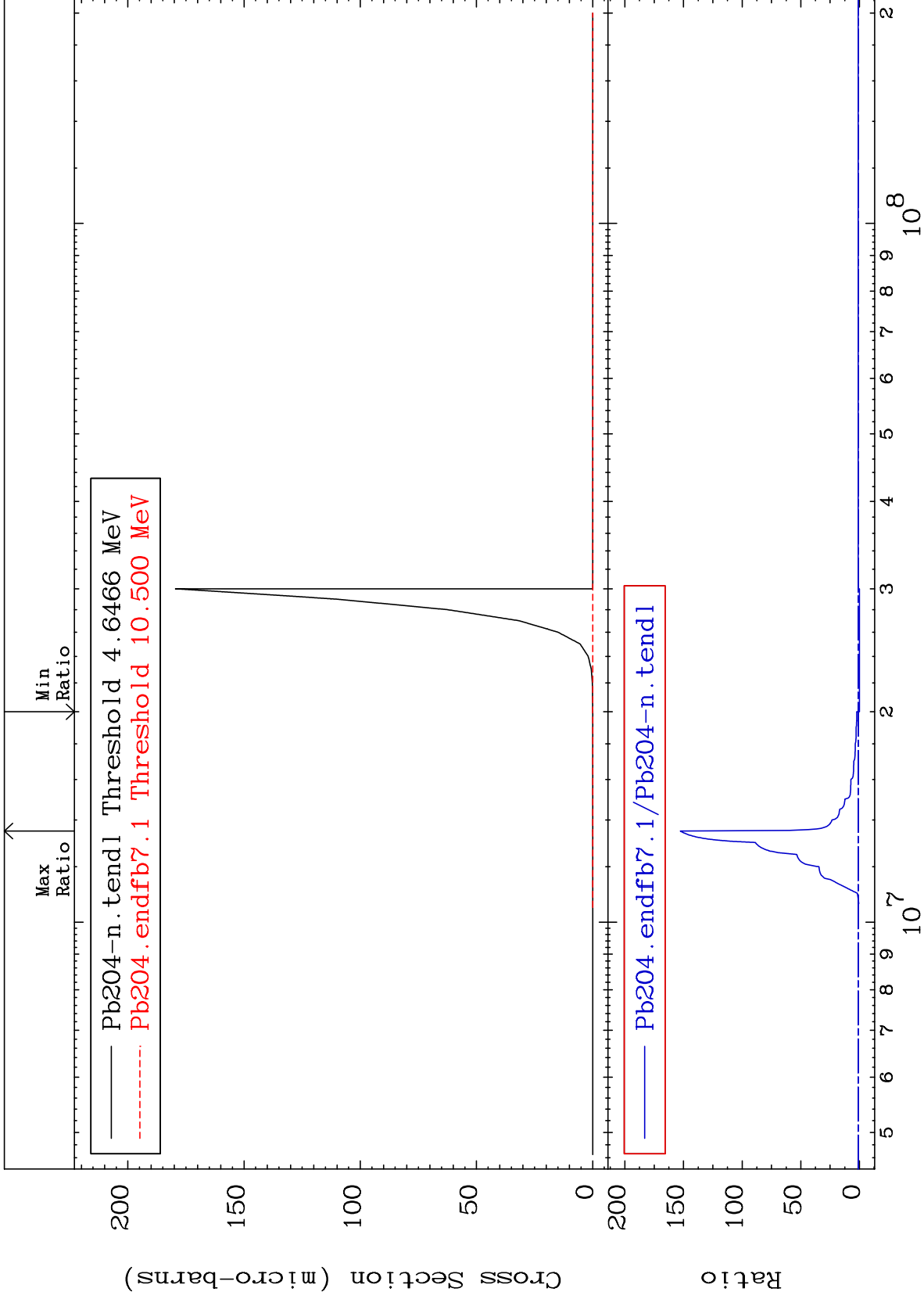


MAT 8225

(n, He-3)

82-Pb-204
-100.0 To 9999. %

Cross Section



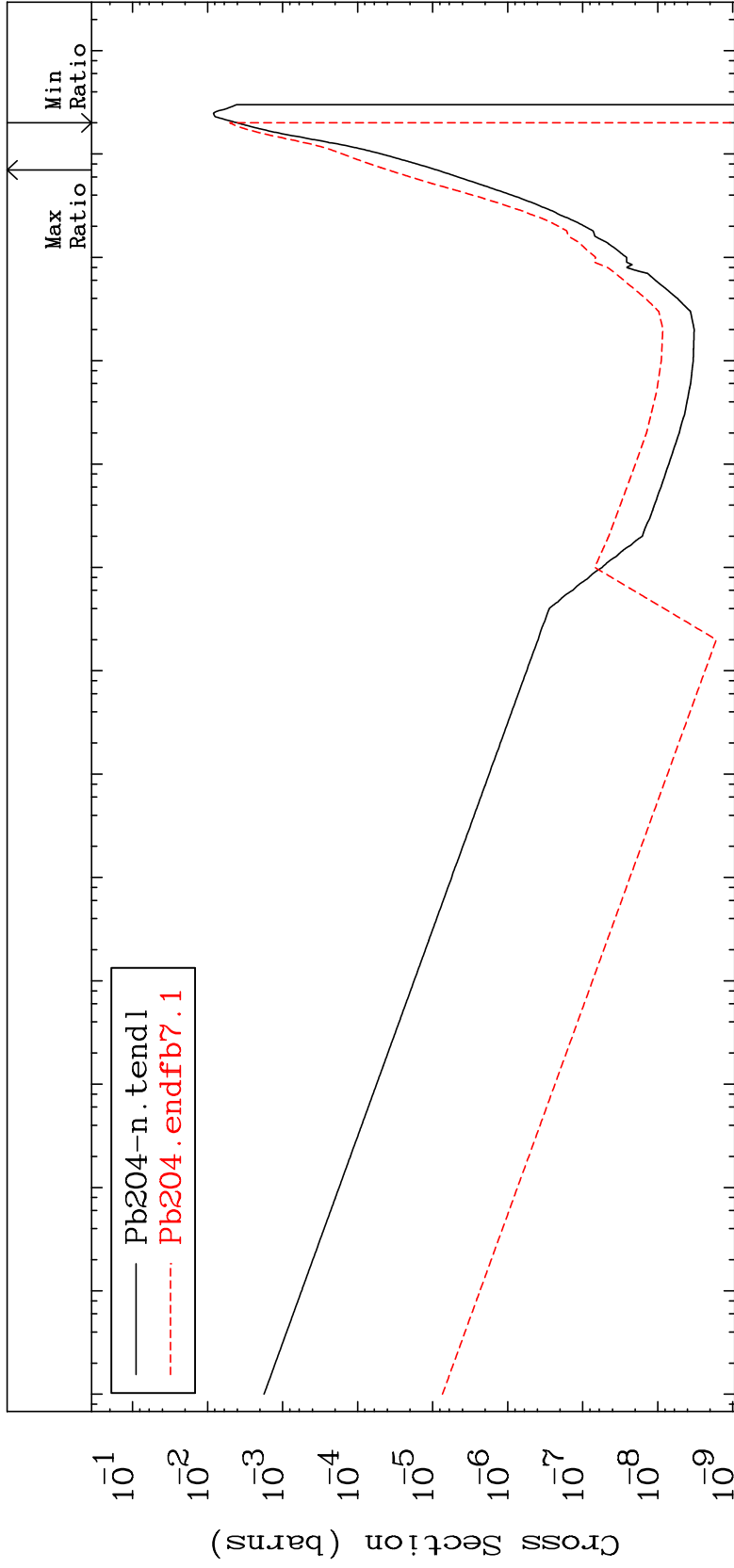
MAT 8225

(n, α)

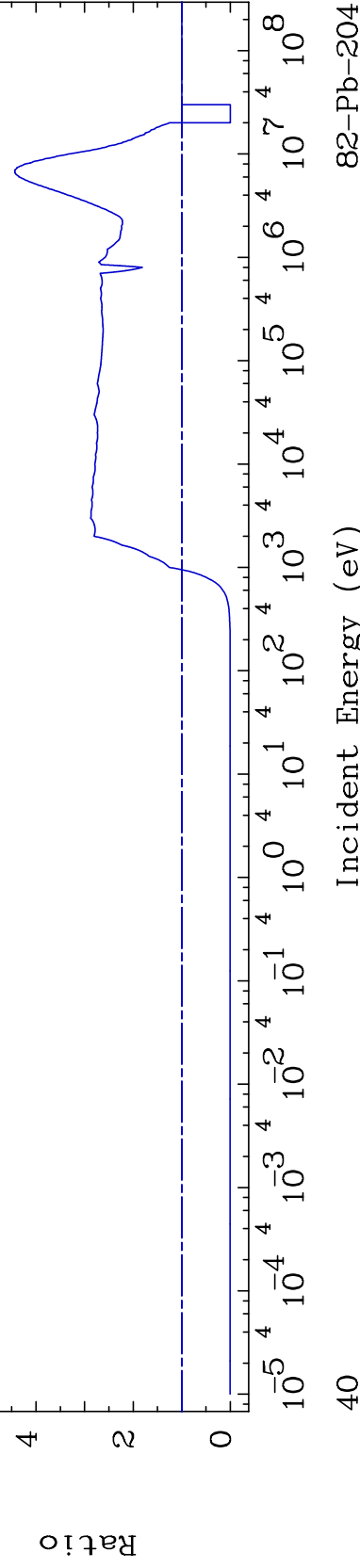
Cross Section

82-Pb-204

-100.0 To 344.4 %

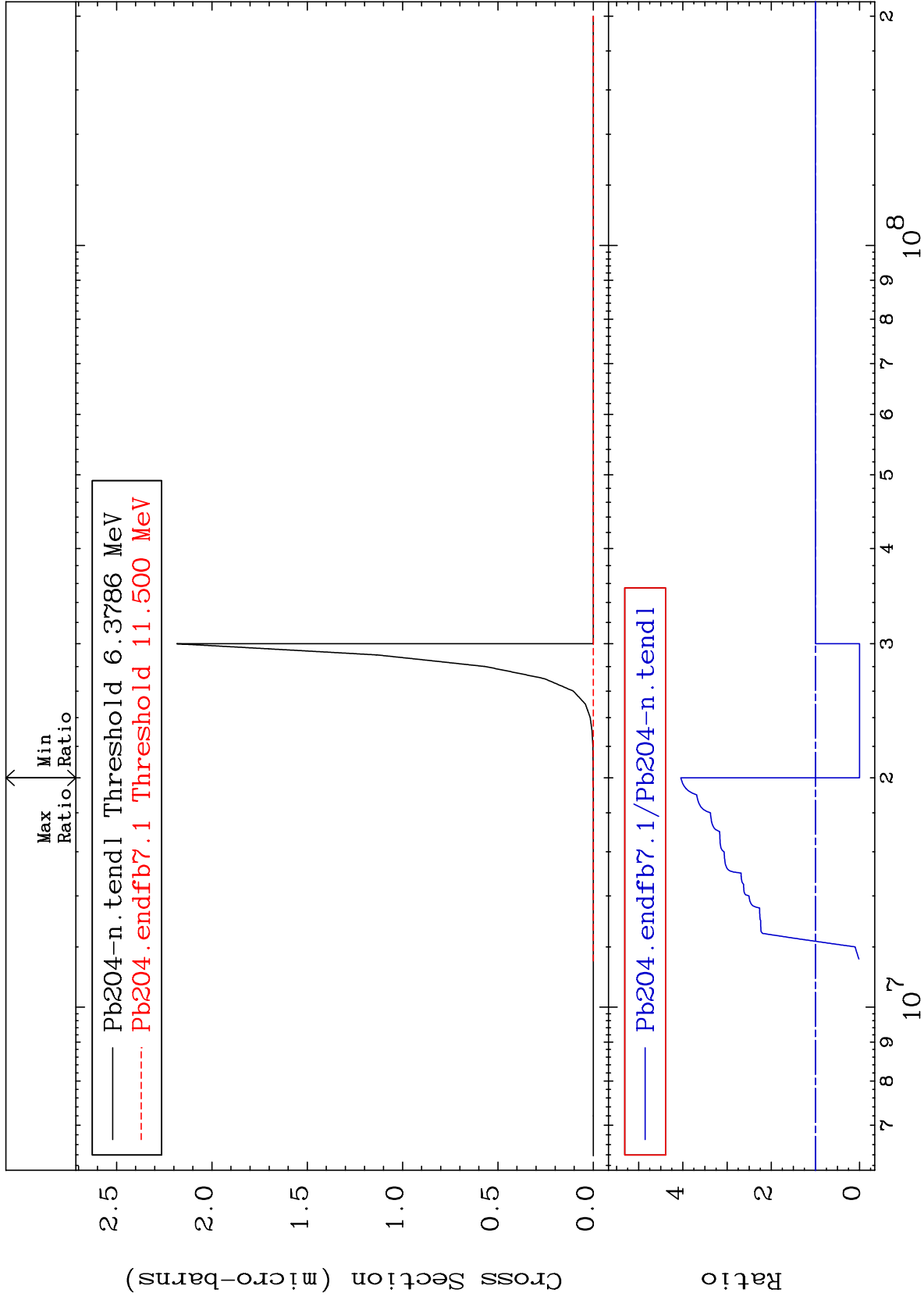


Pb204.endfb7.1/Pb204-n.tendl



MAT 8225

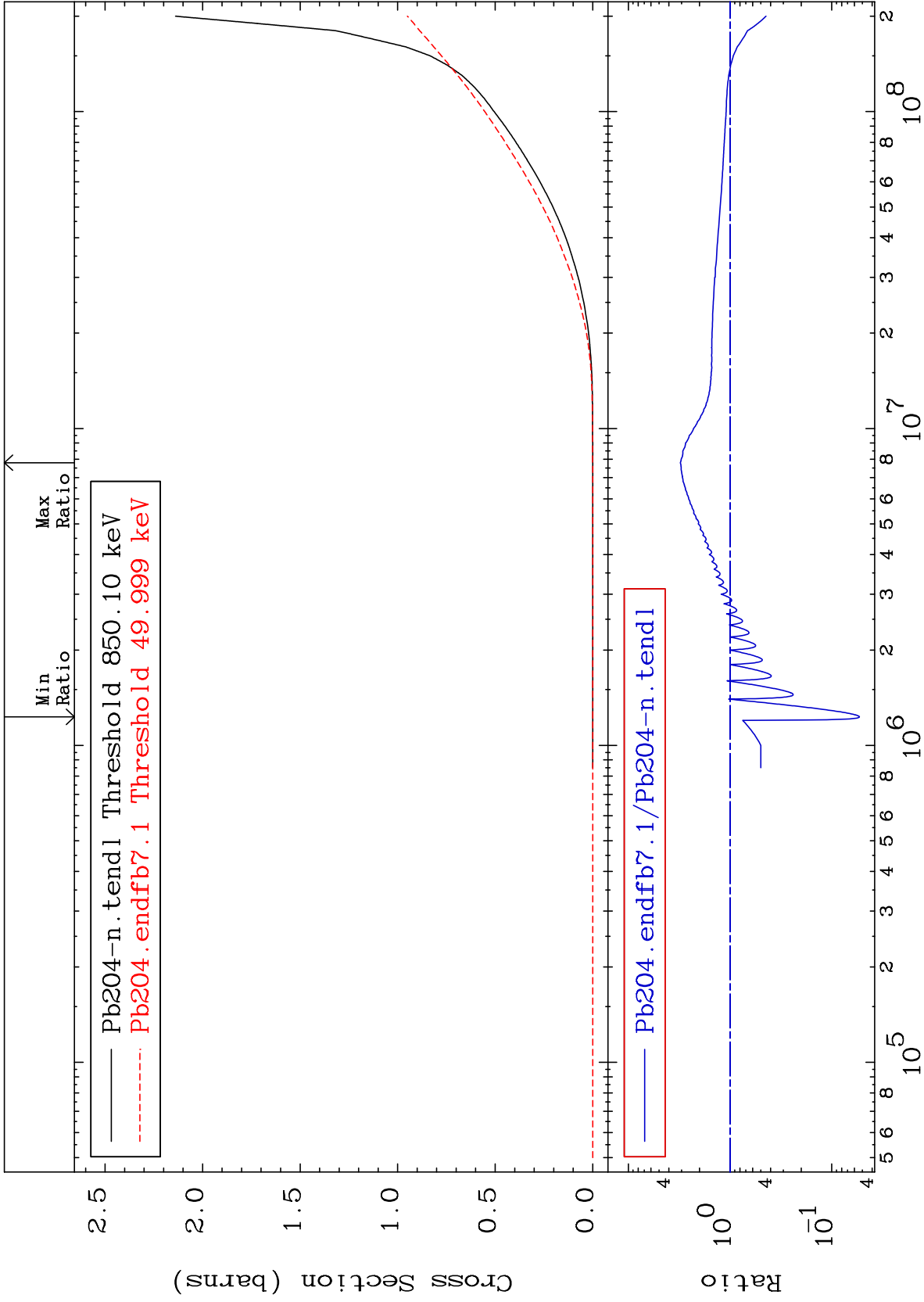
(n,2p) Cross Section
82-Pb-204
-100.0 To 304.8 %

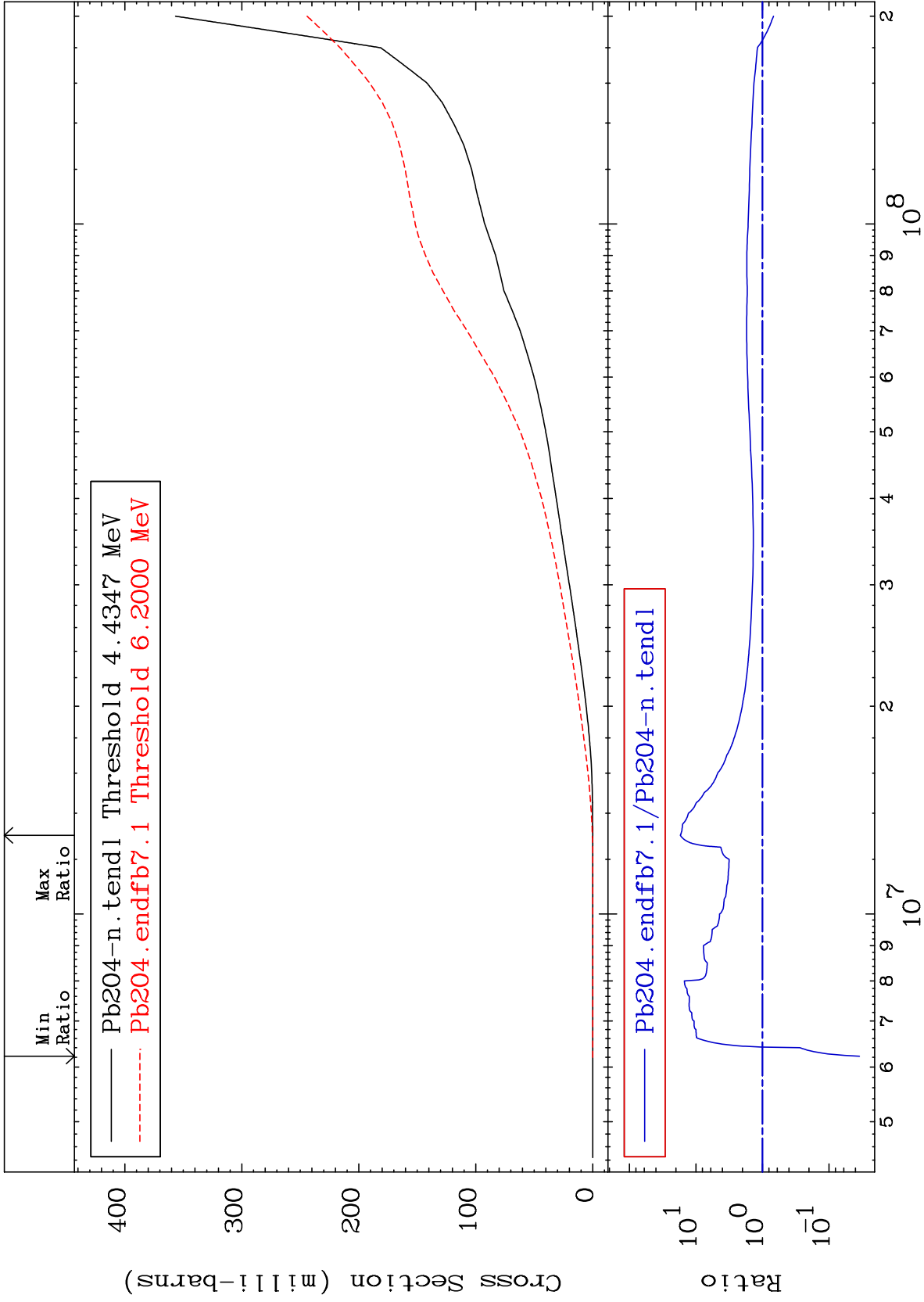


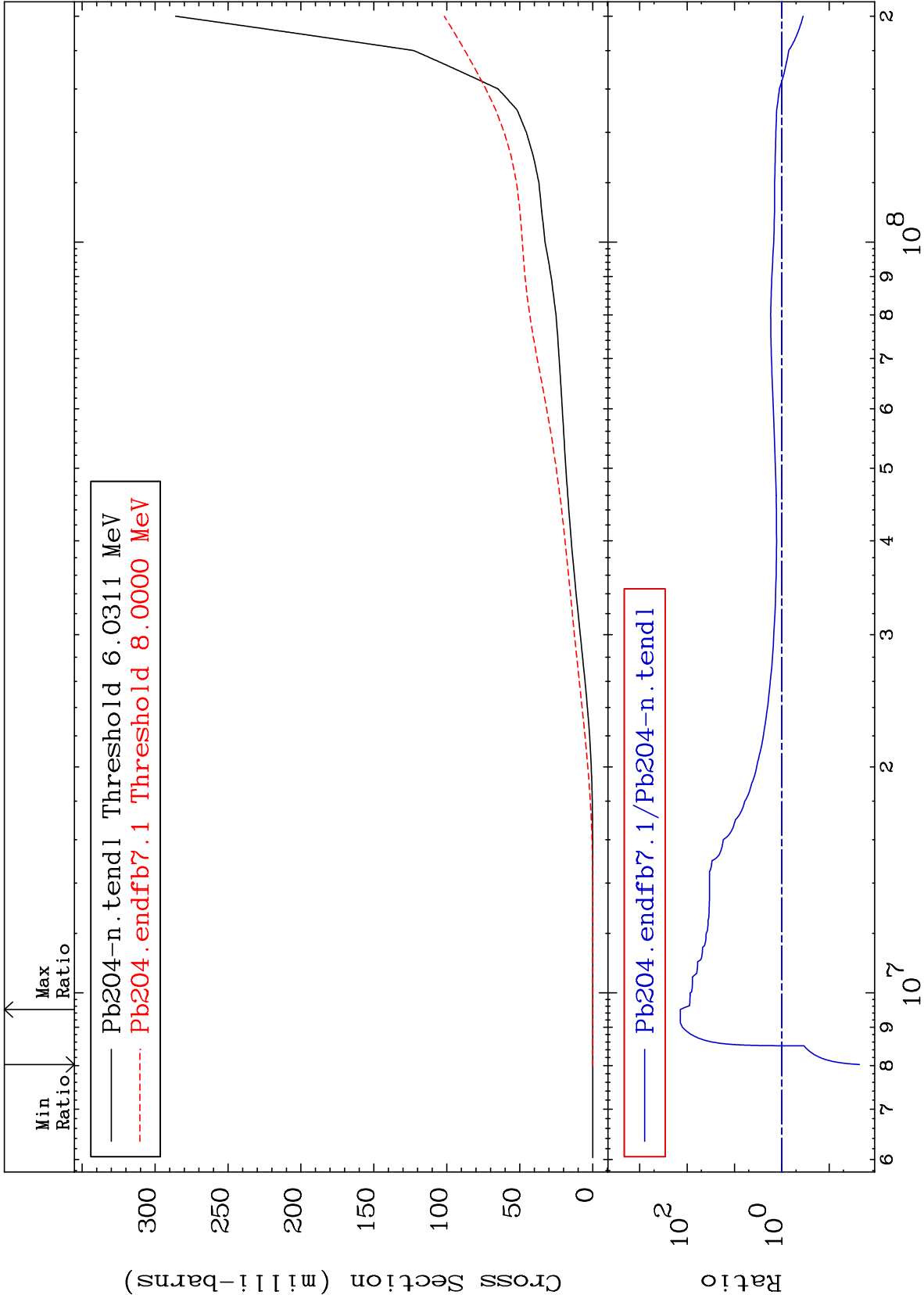
41

Incident Energy (eV)

82-Pb-204



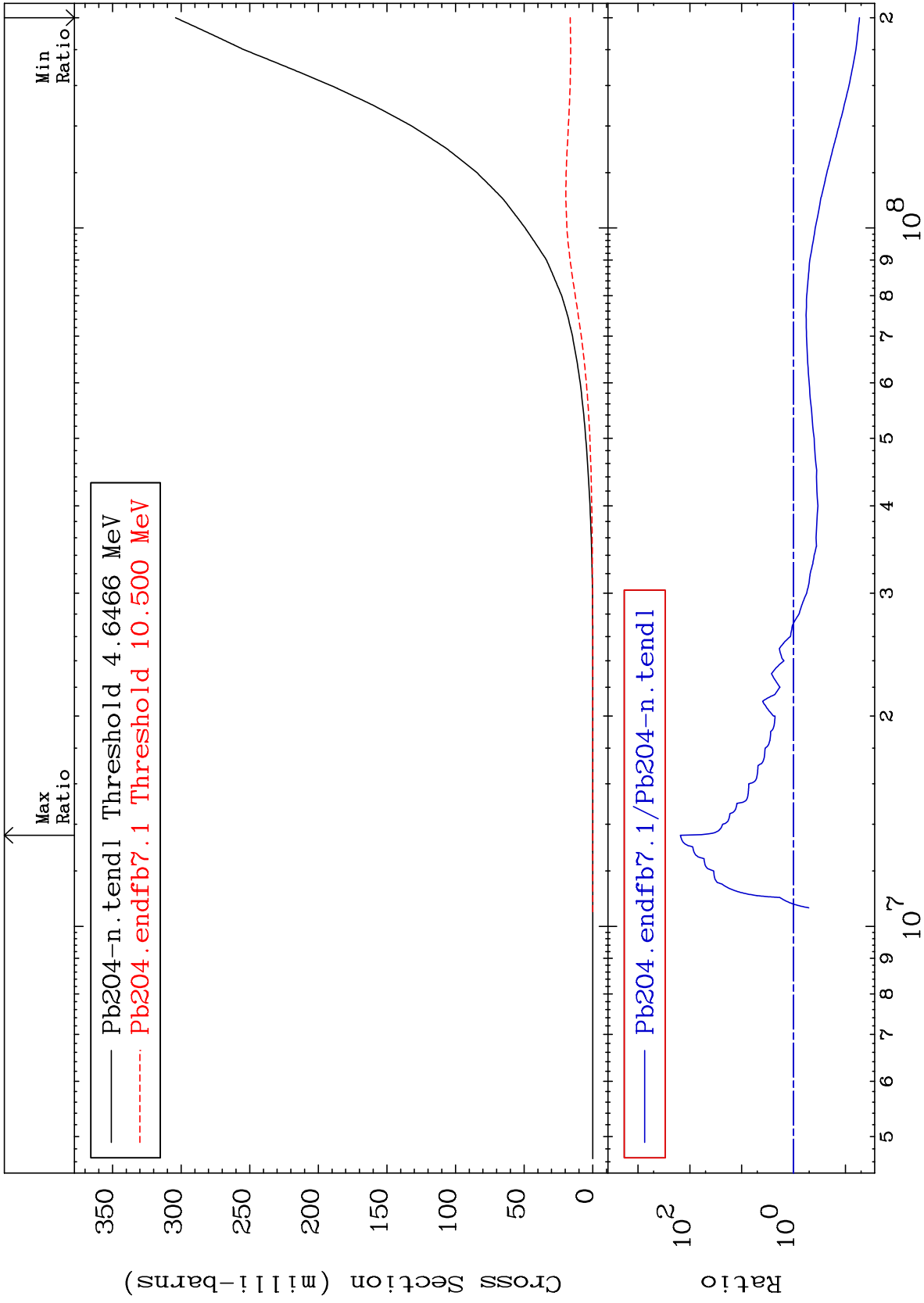




MAT 8225

He-3 Production
Cross Section

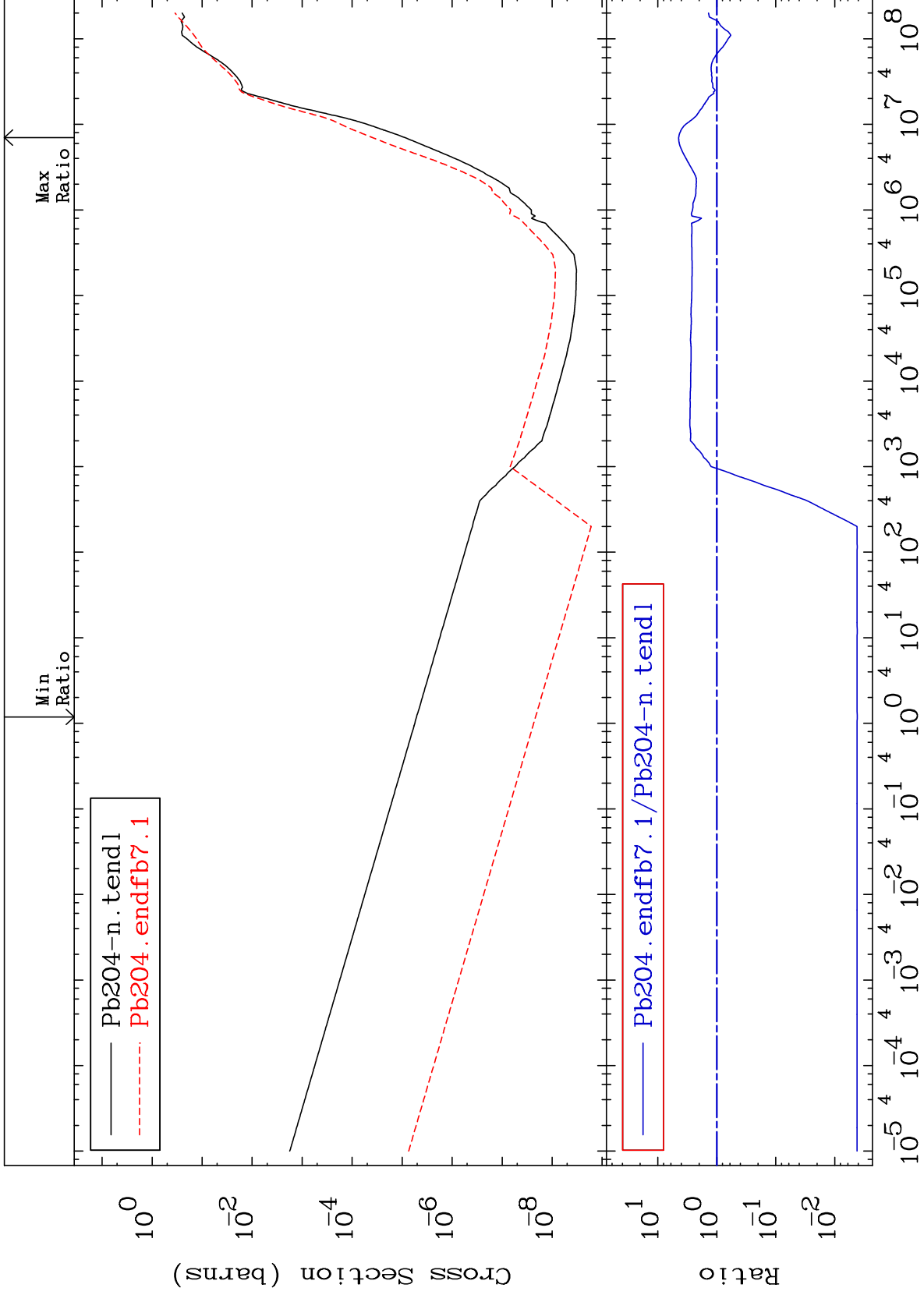
82-Pb-204
-94.60 To 9999. %

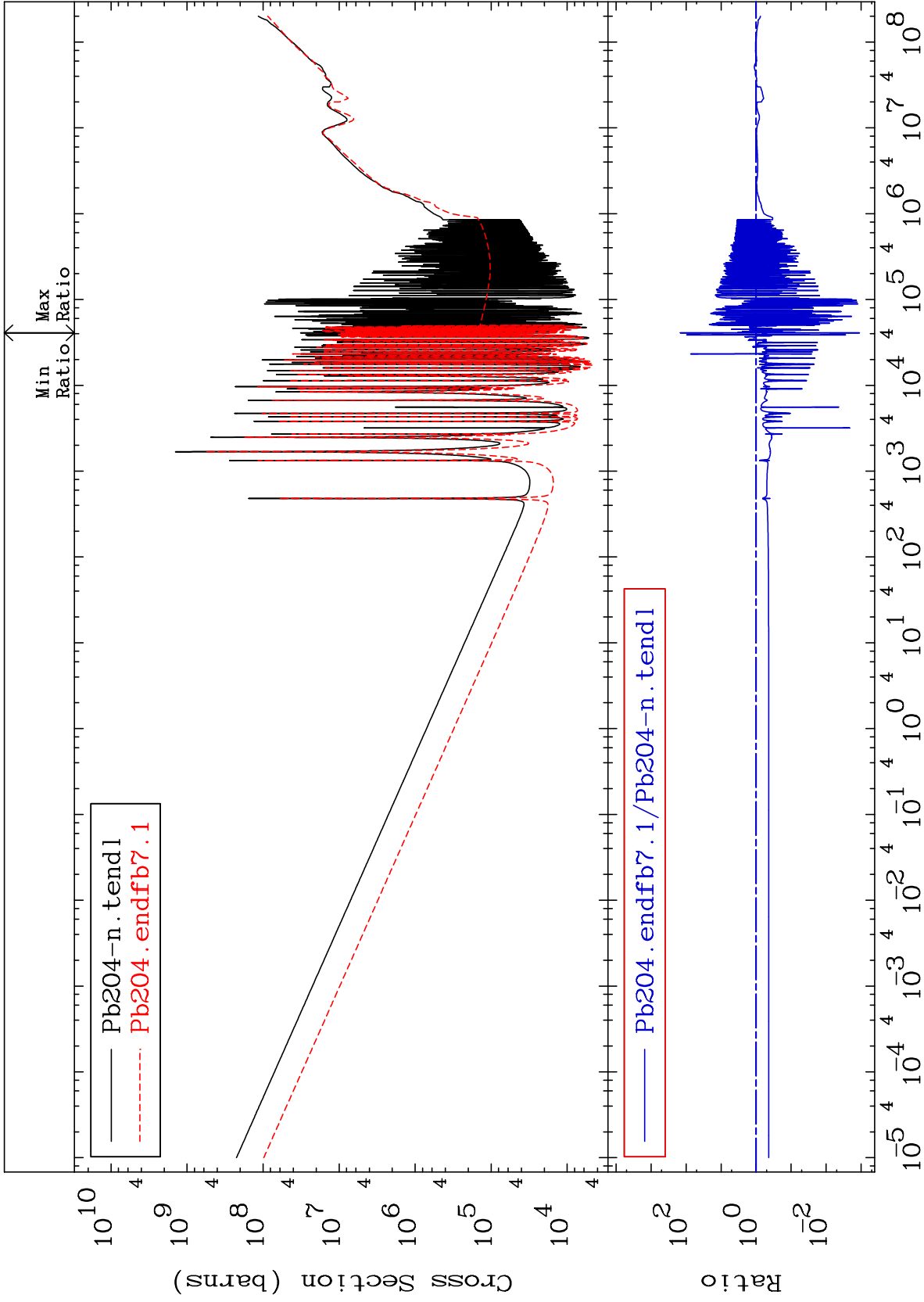


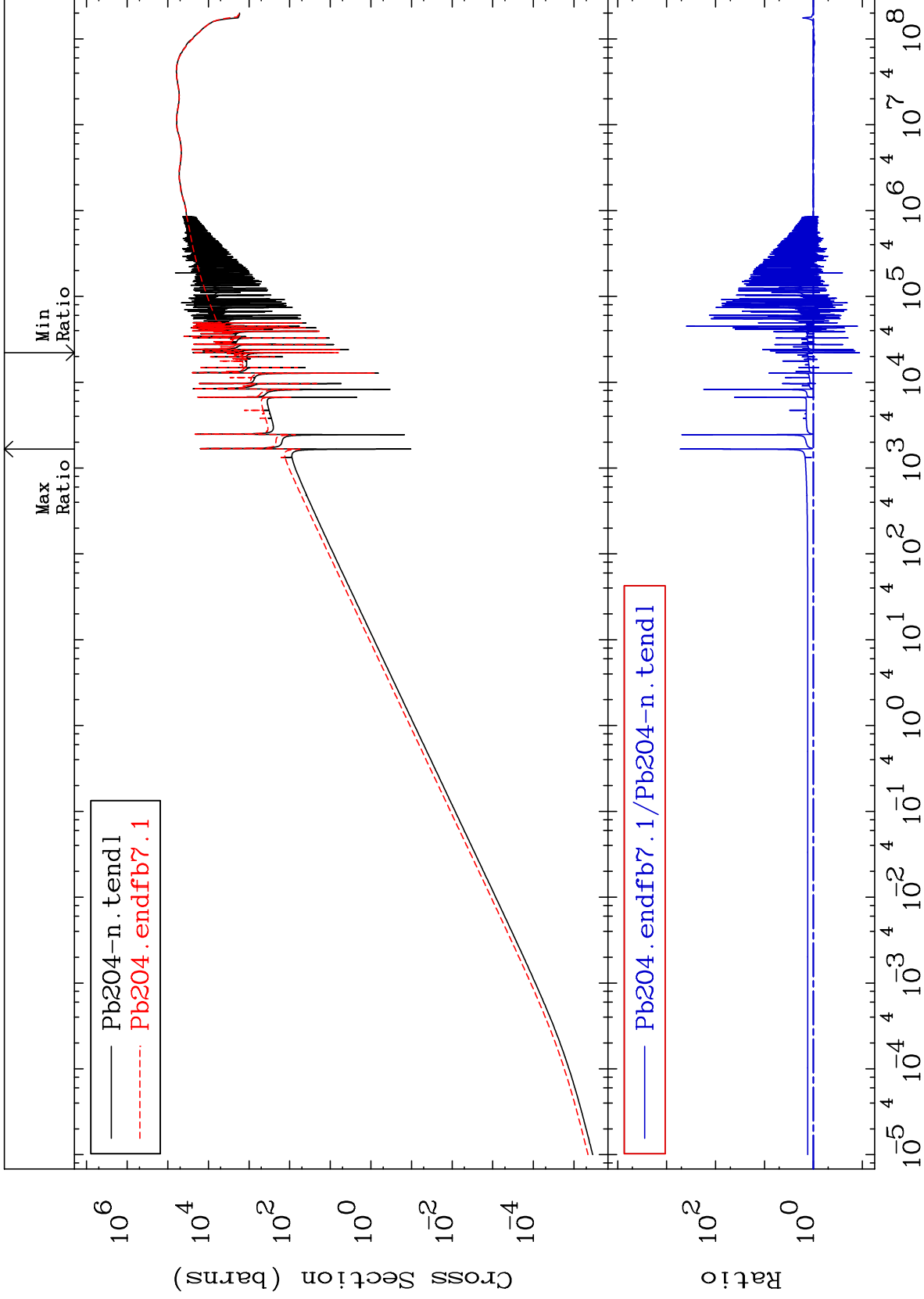
MAT 8225

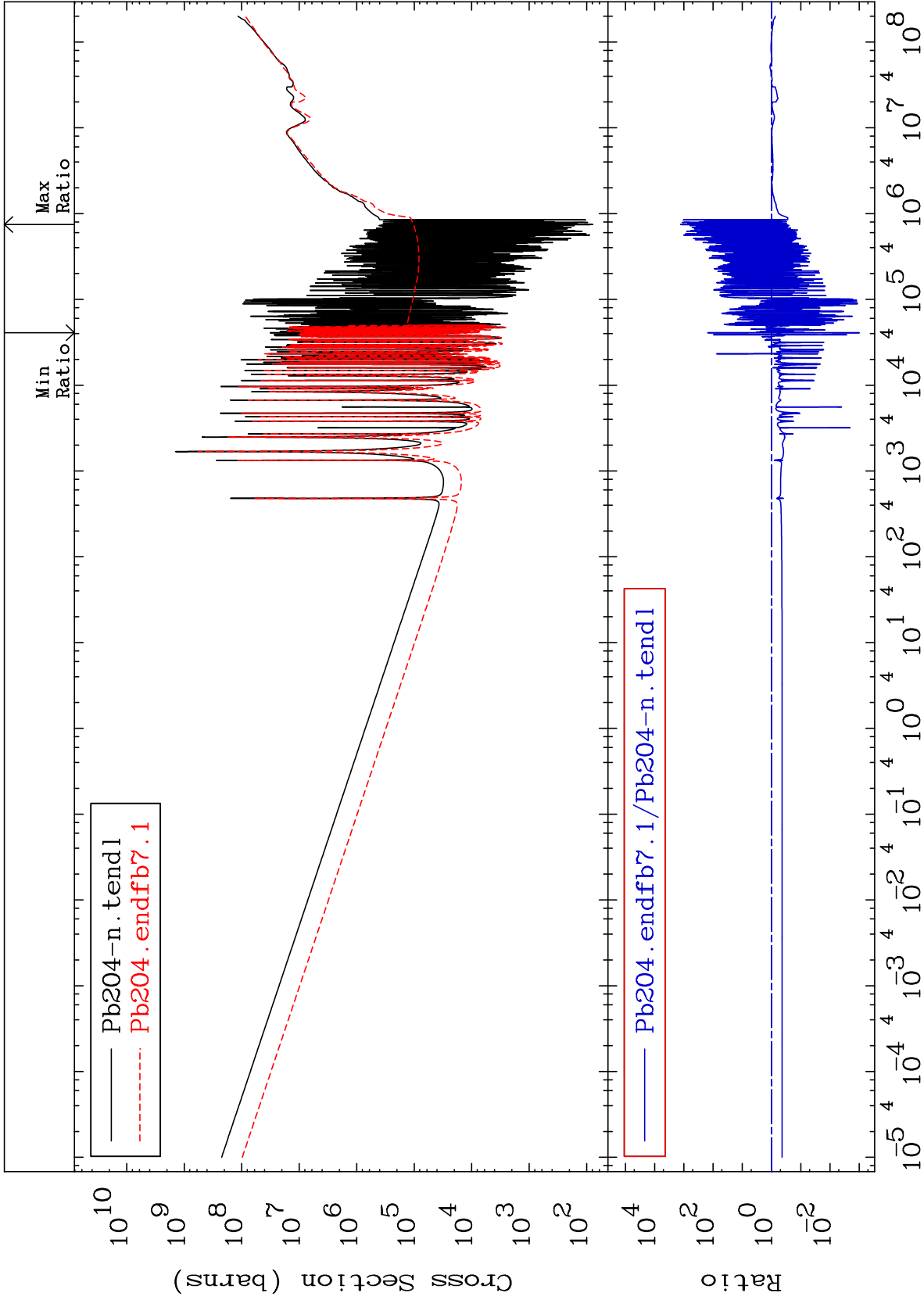
He-4 Production
Cross Section

82-Pb-204
-99.58 To 344.4 %





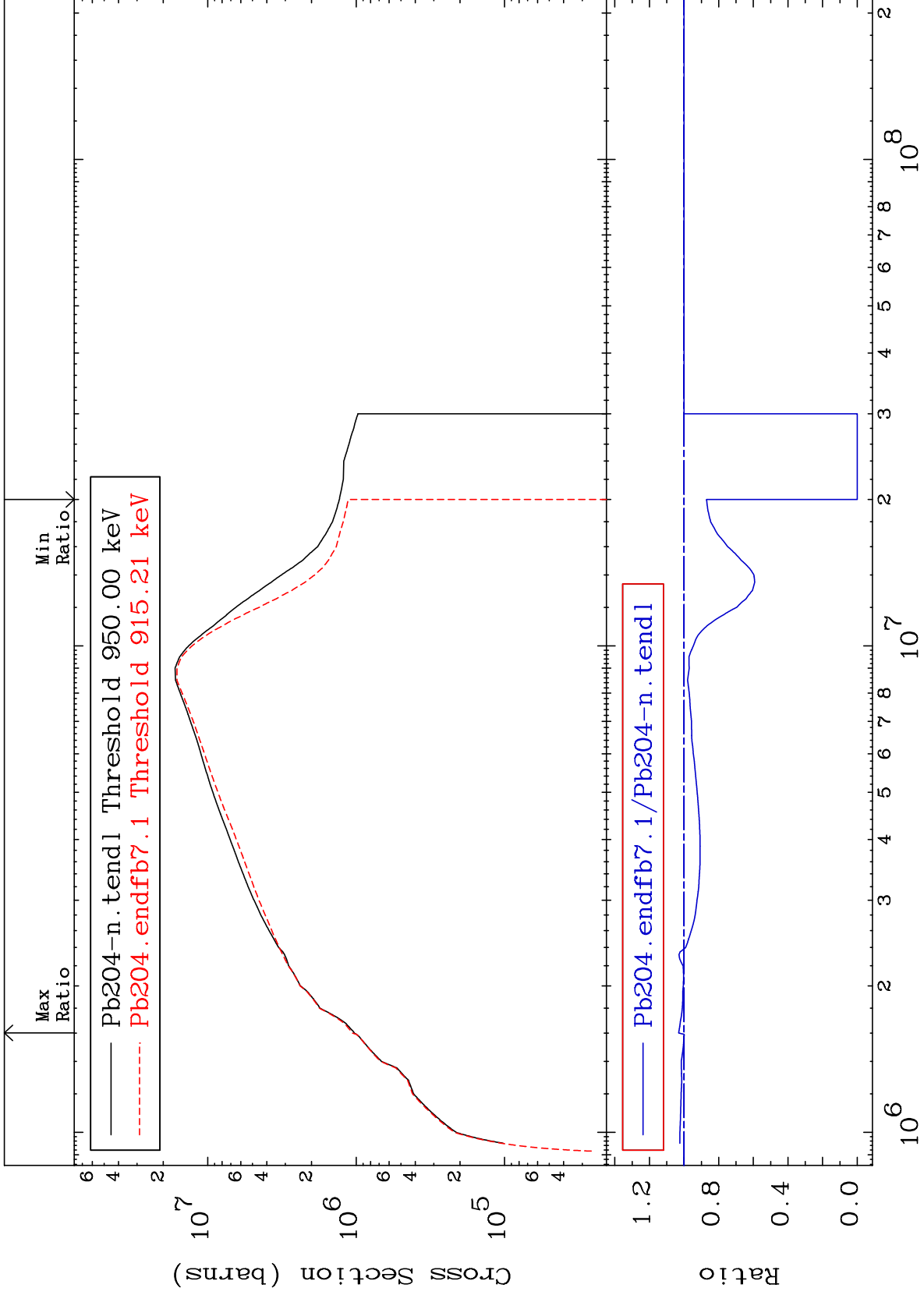




MAT 8225

Kerma inelastic (mt51-91)
Cross Section

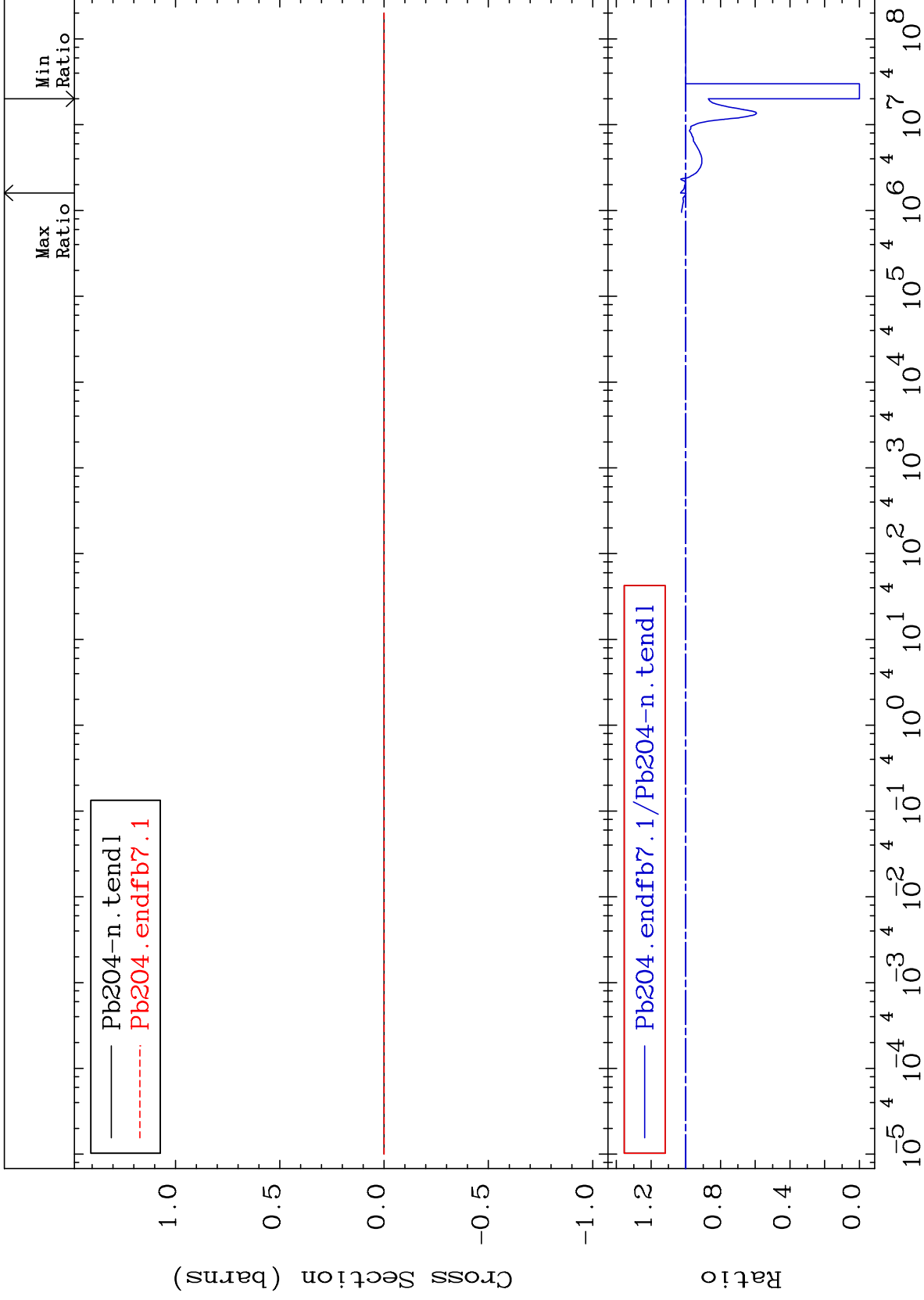
82-Pb-204
-100.0 To 3.144 %



Incident Energy (eV)

82-Pb-204

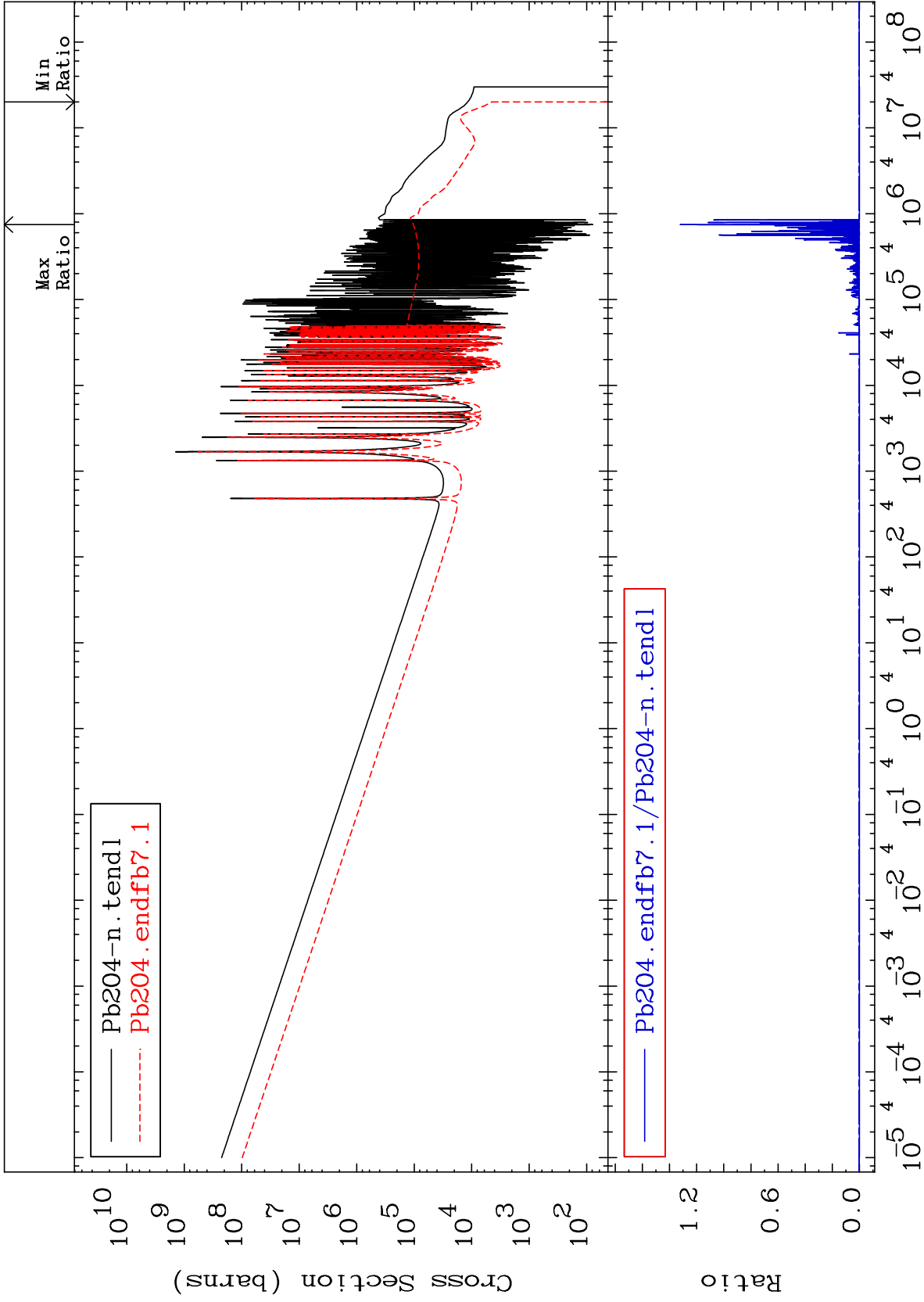
50



MAT 8225

Kerma capture (mt102)
Cross Section

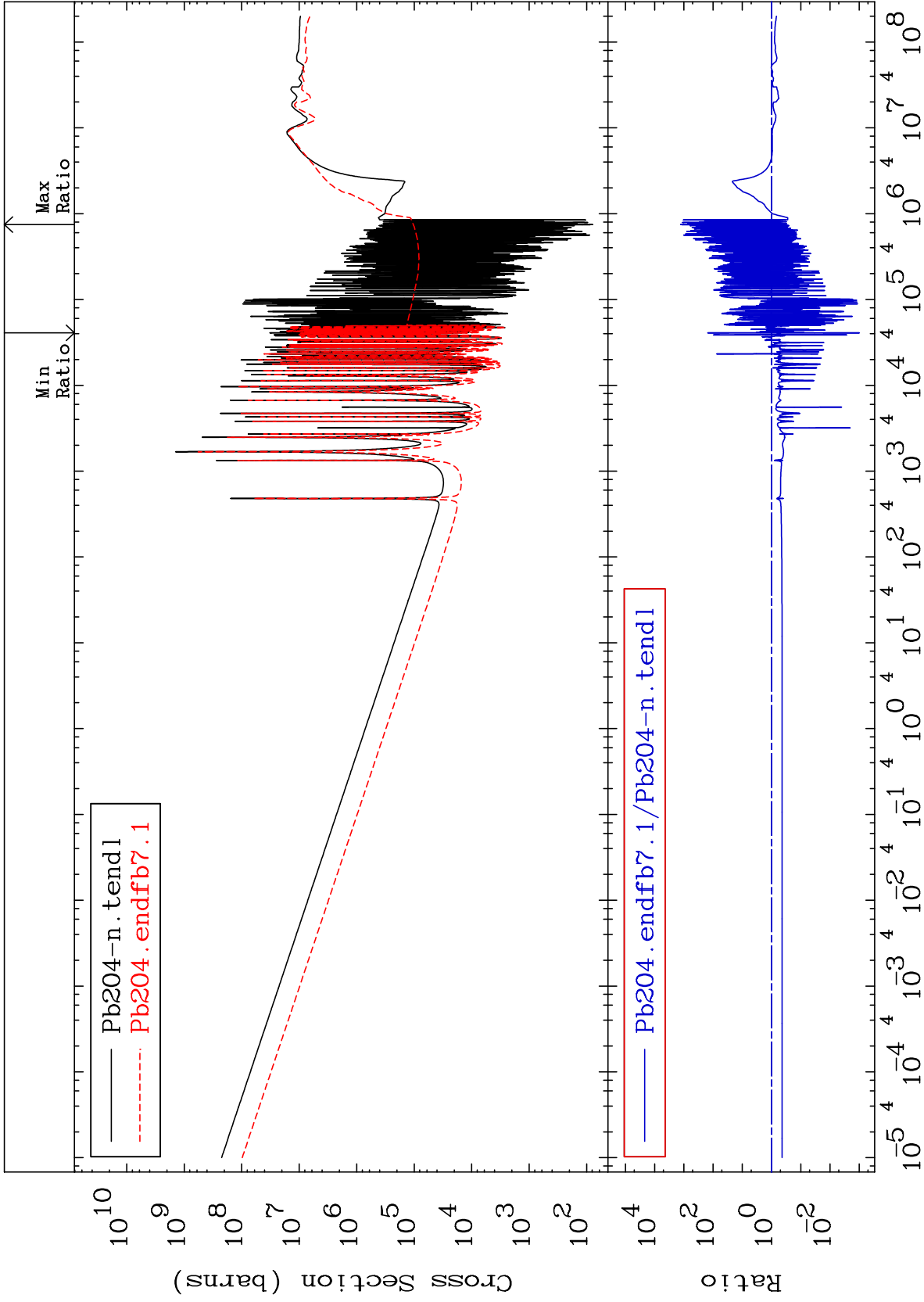
82-Pb-204
-100.0 To 9999. %

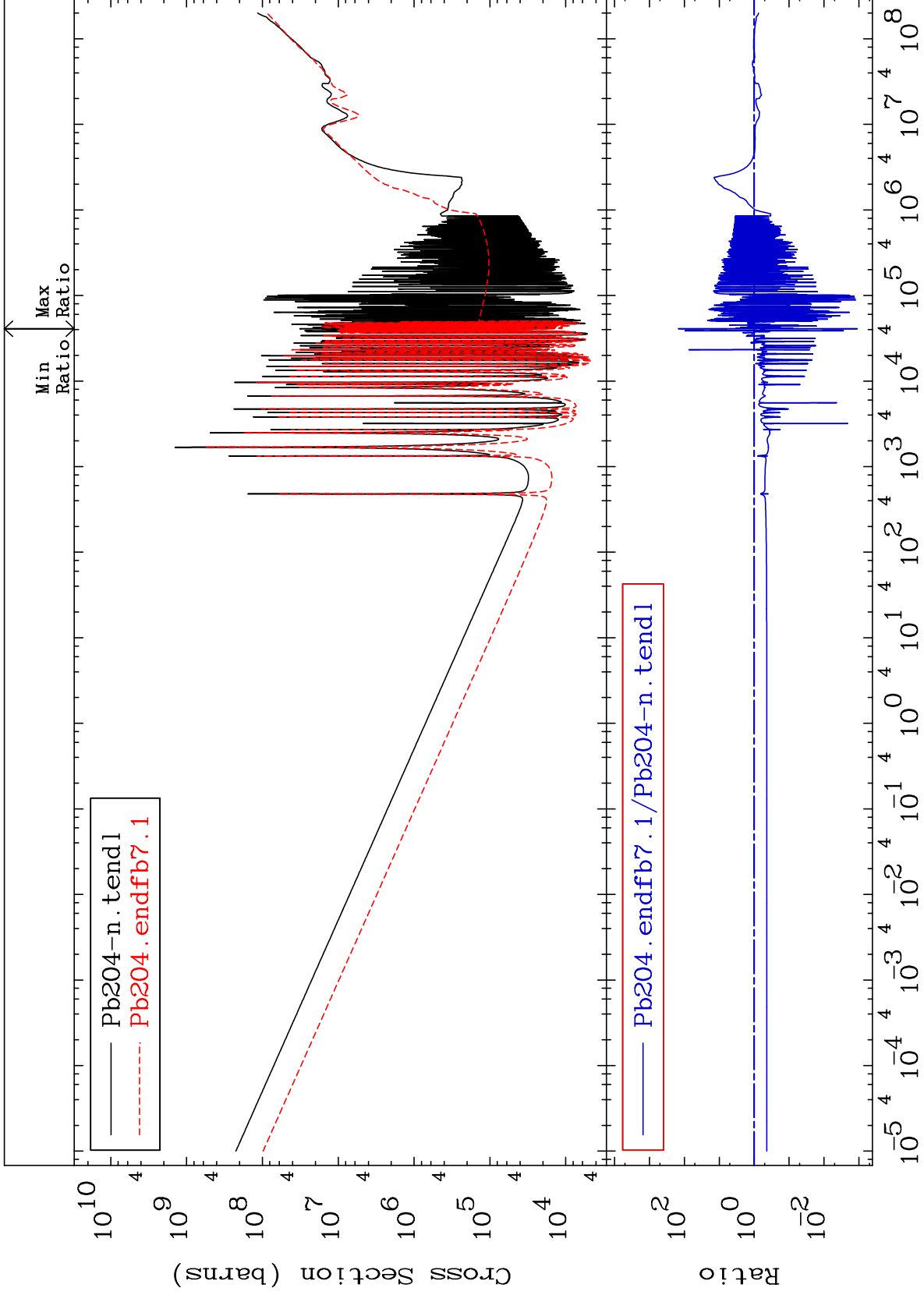


52

Incident Energy (eV)

82-Pb-204

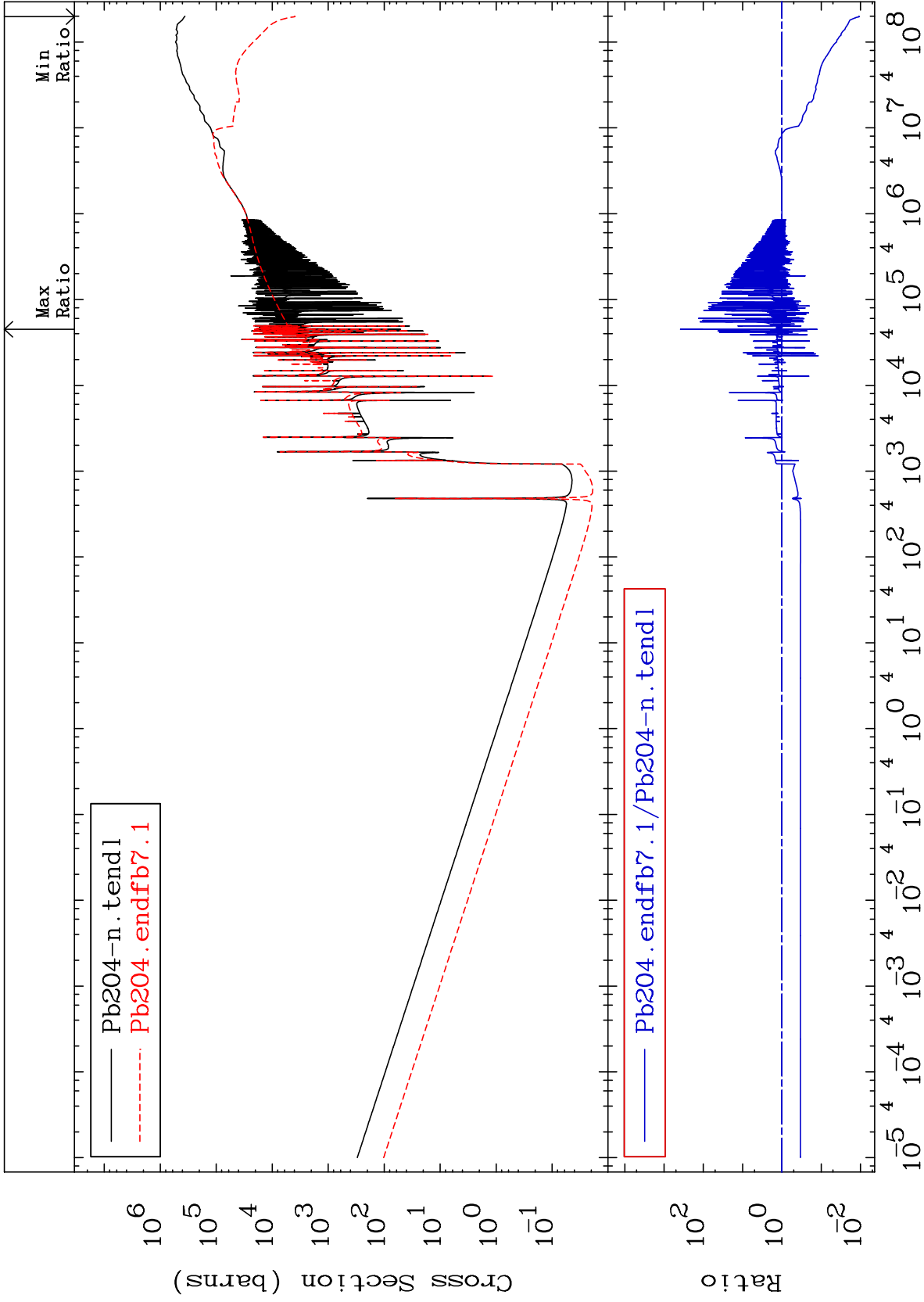




MAT 8225

Dpa total (eV-barns)
Cross Section

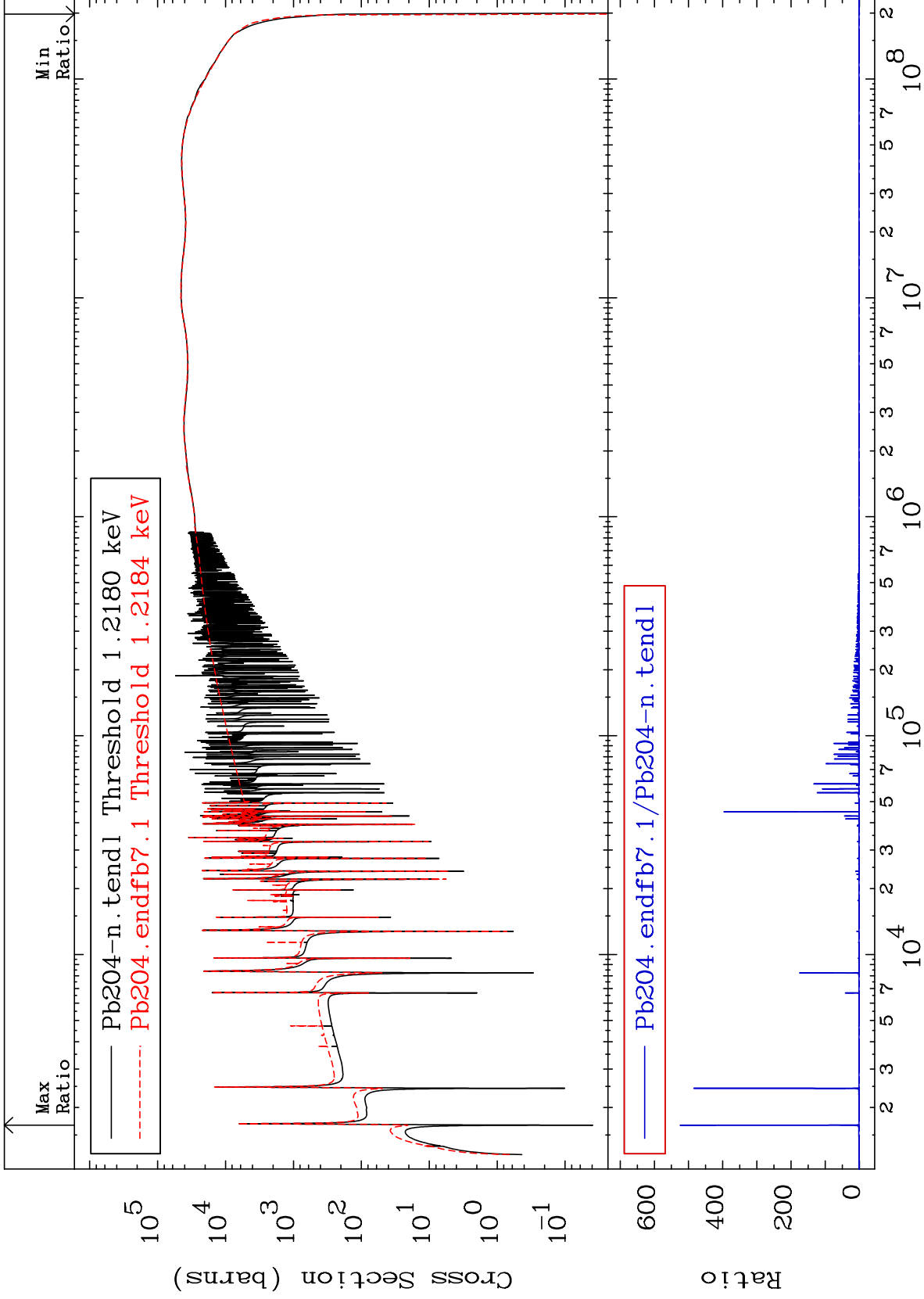
82-Pb-204
-98.94 To 9999. %

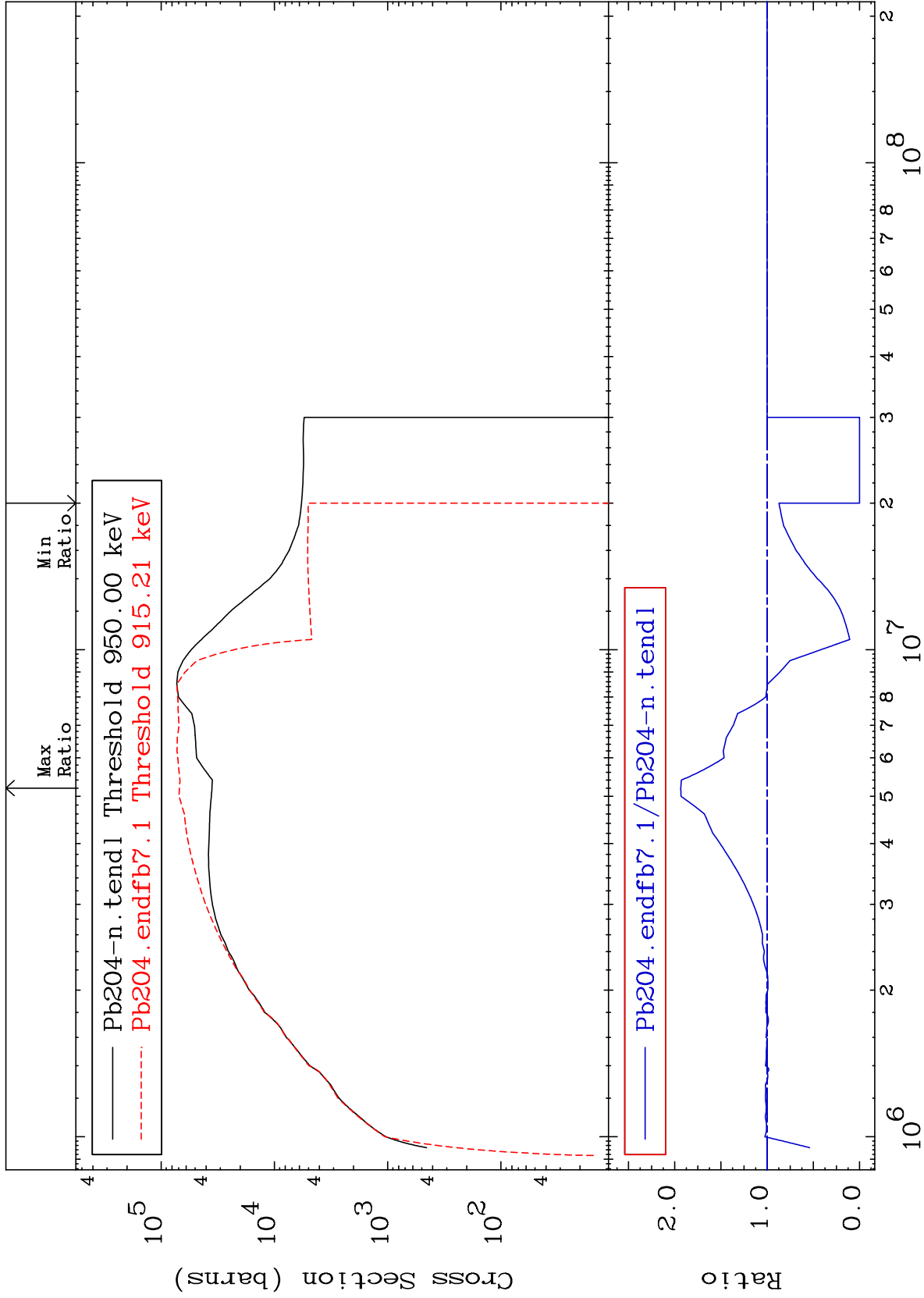


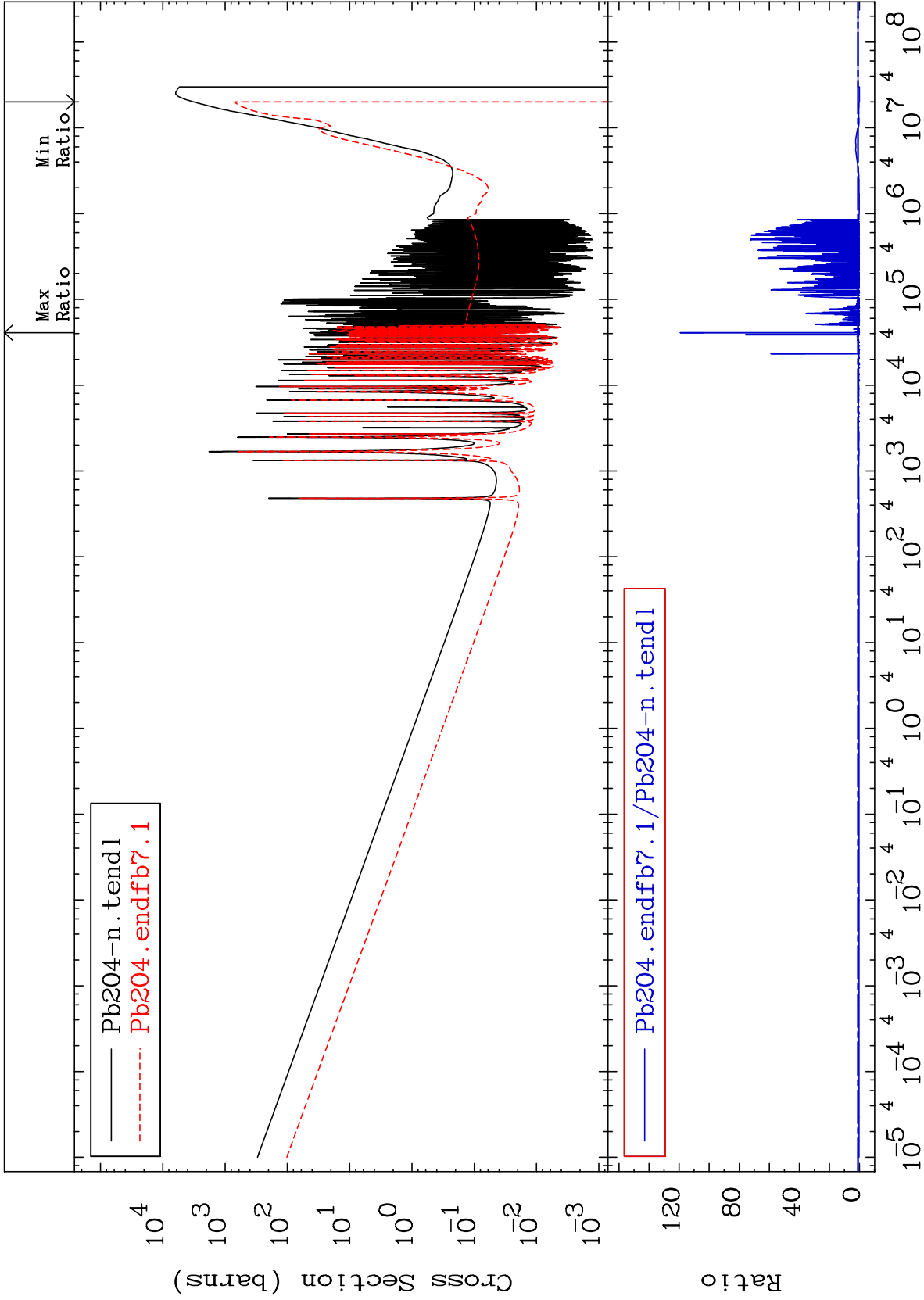
55

Incident Energy (eV)

82-Pb-204

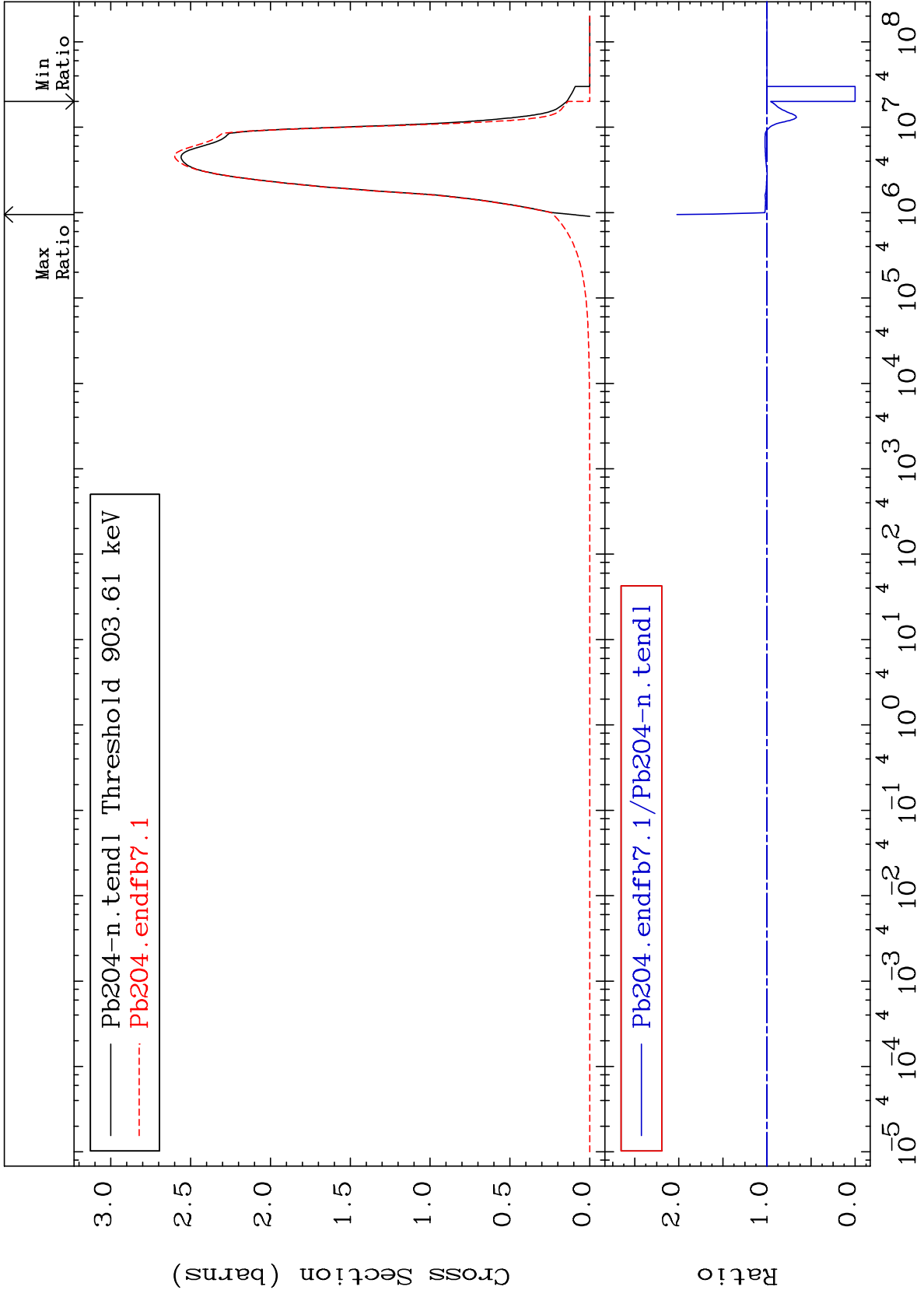






MAT 8225

Inelastic:82-Pb-204
Radionuclide Production Cross Section -100.0 To 102.2 %



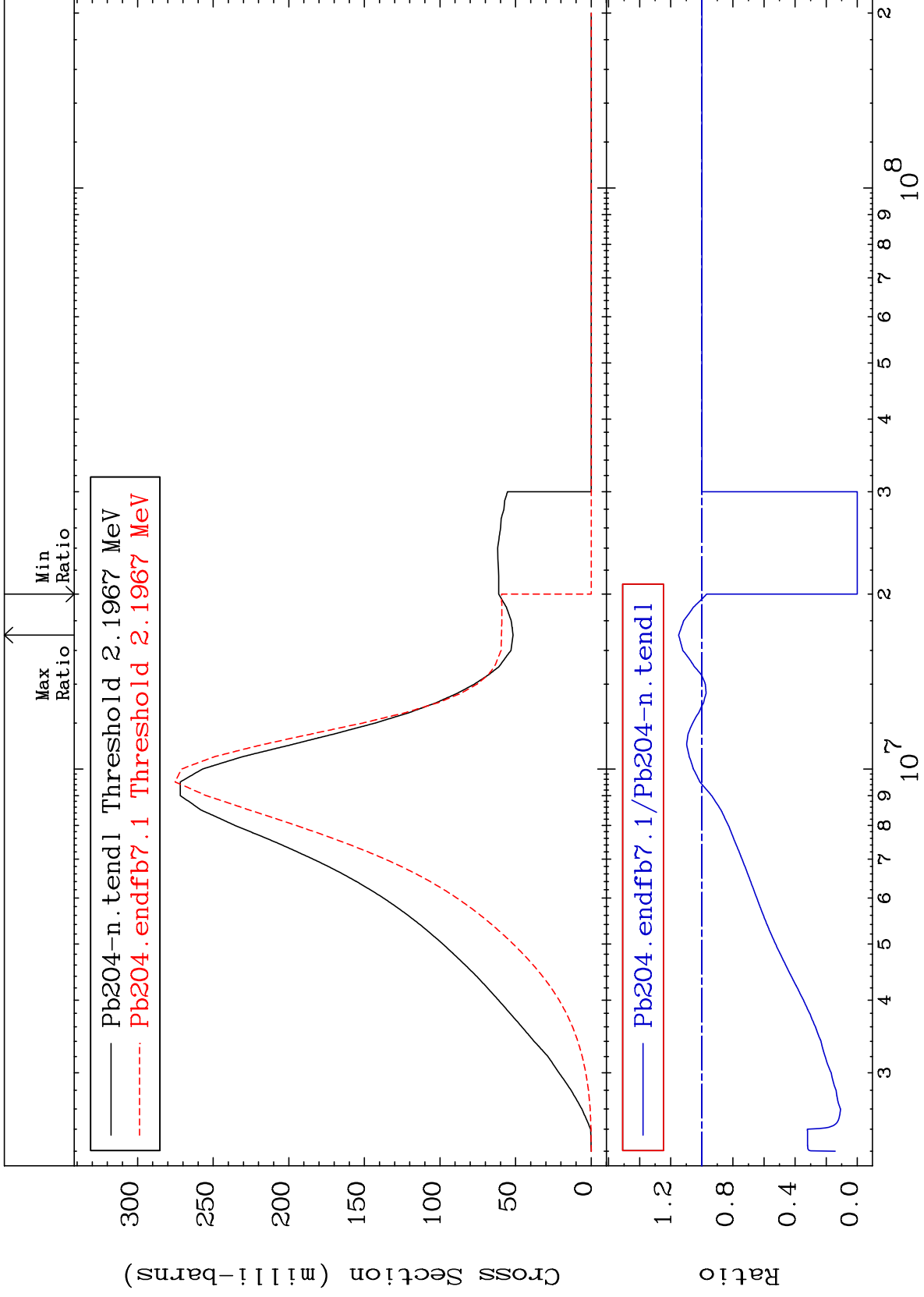
MAT 8225

Inelastic: 82-Pb-204m21

82-Pb-204

Radionuclide Production Cross Section

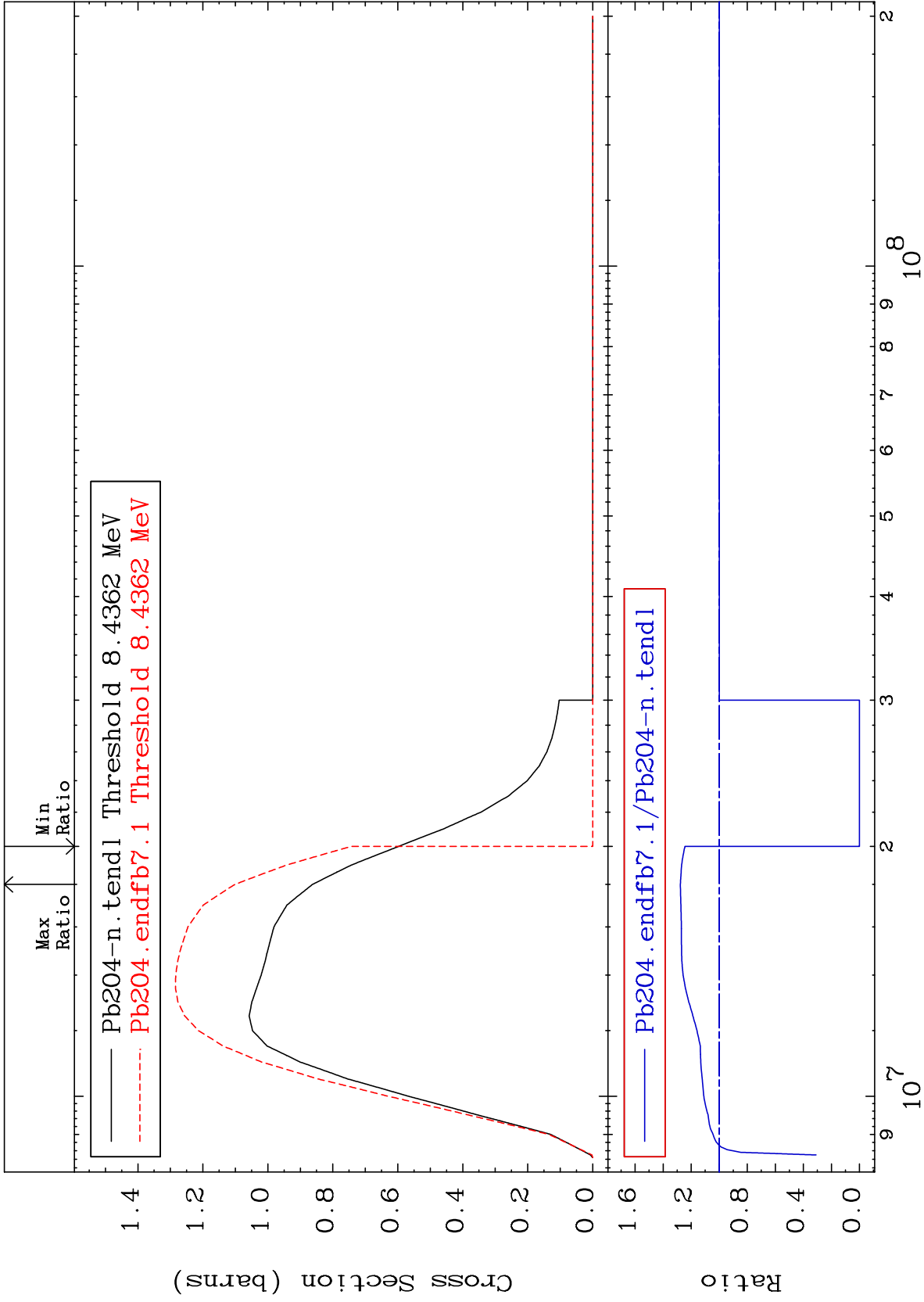
-100.0 To 14.91 %



60

Incident Energy (eV)

82-Pb-204

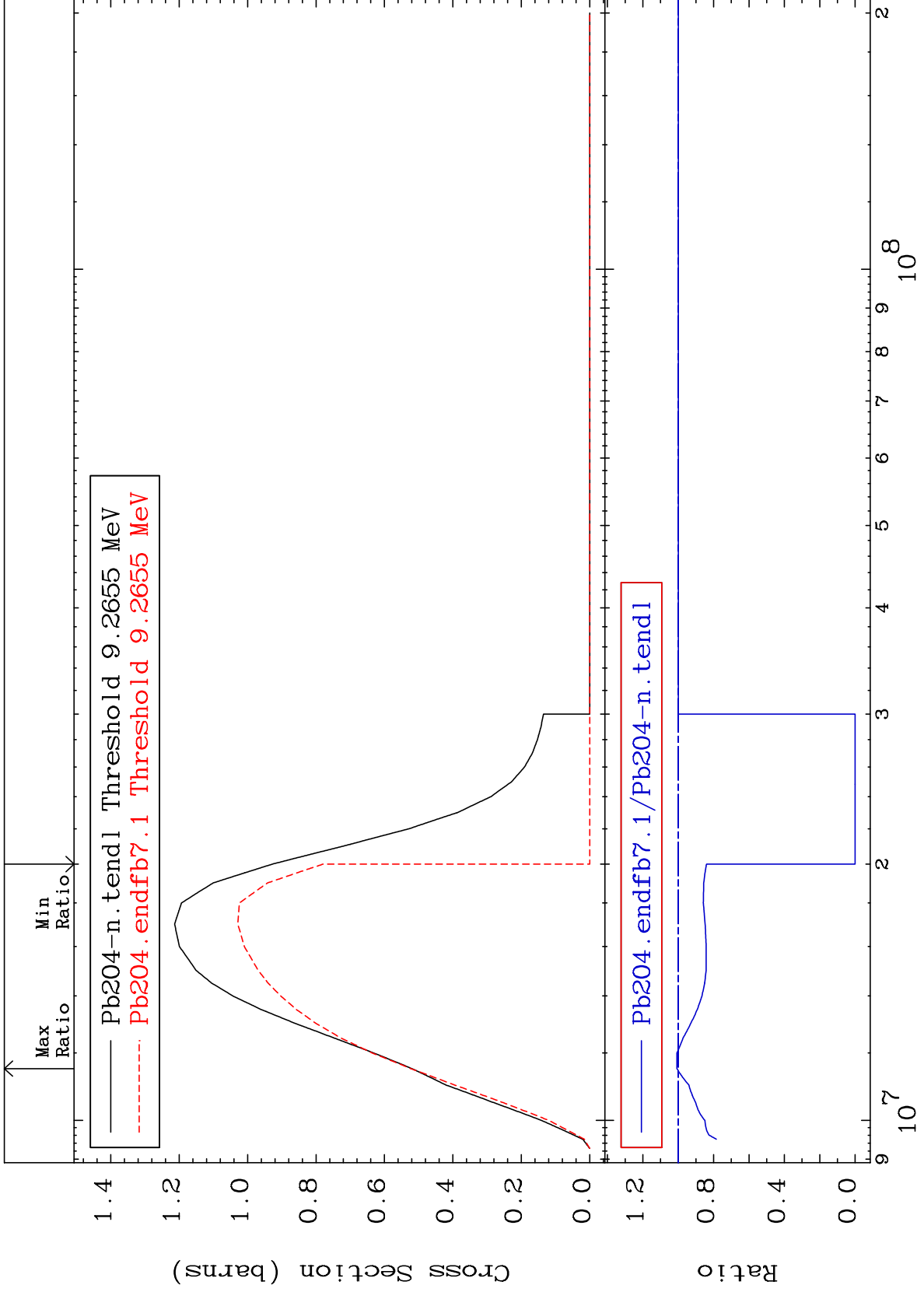


MAT 8225

(n,2n) : 82-Pb-203m6

82-Pb-204

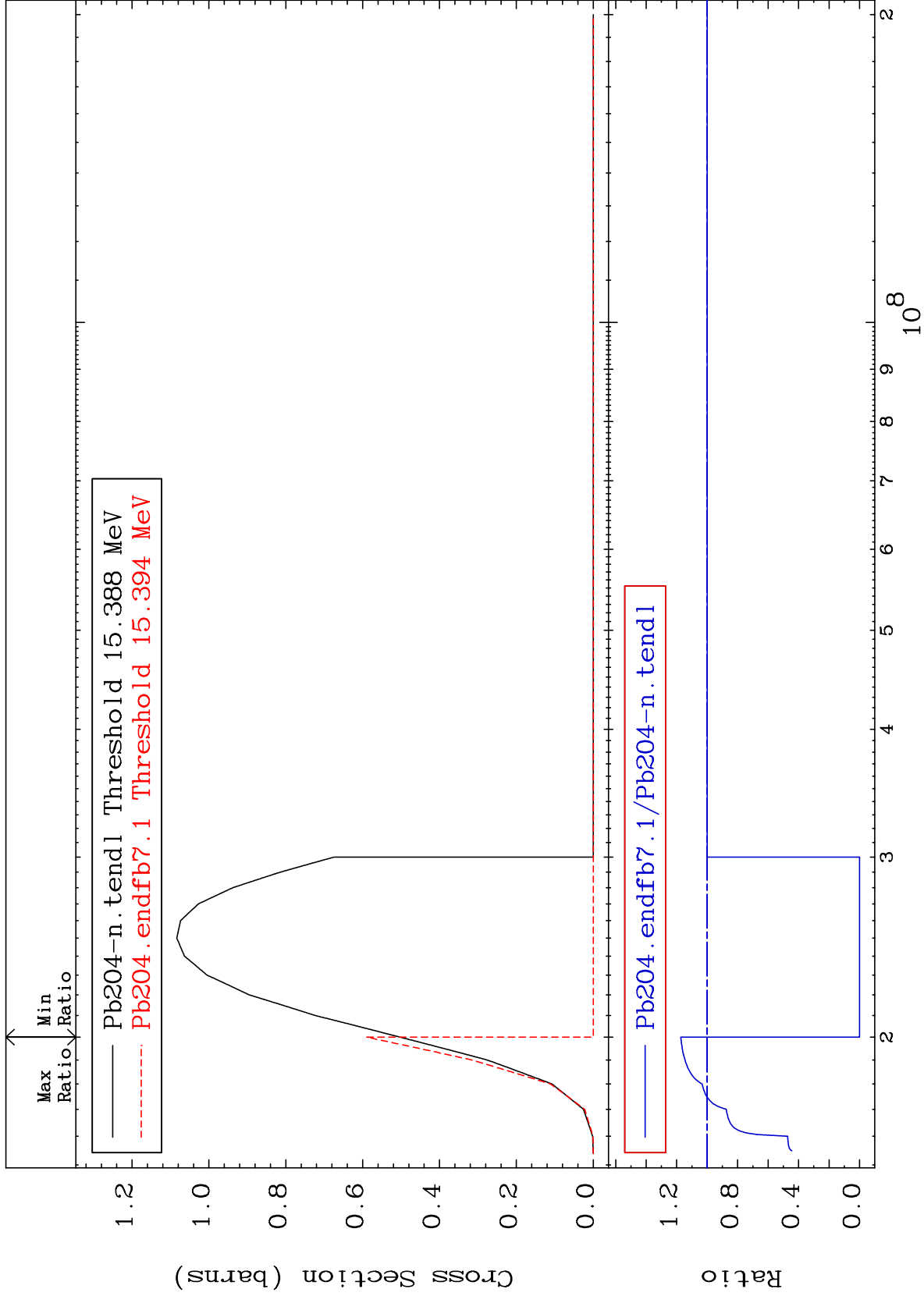
Radionuclide Production Cross Section -100.0 To 0.737 %



62

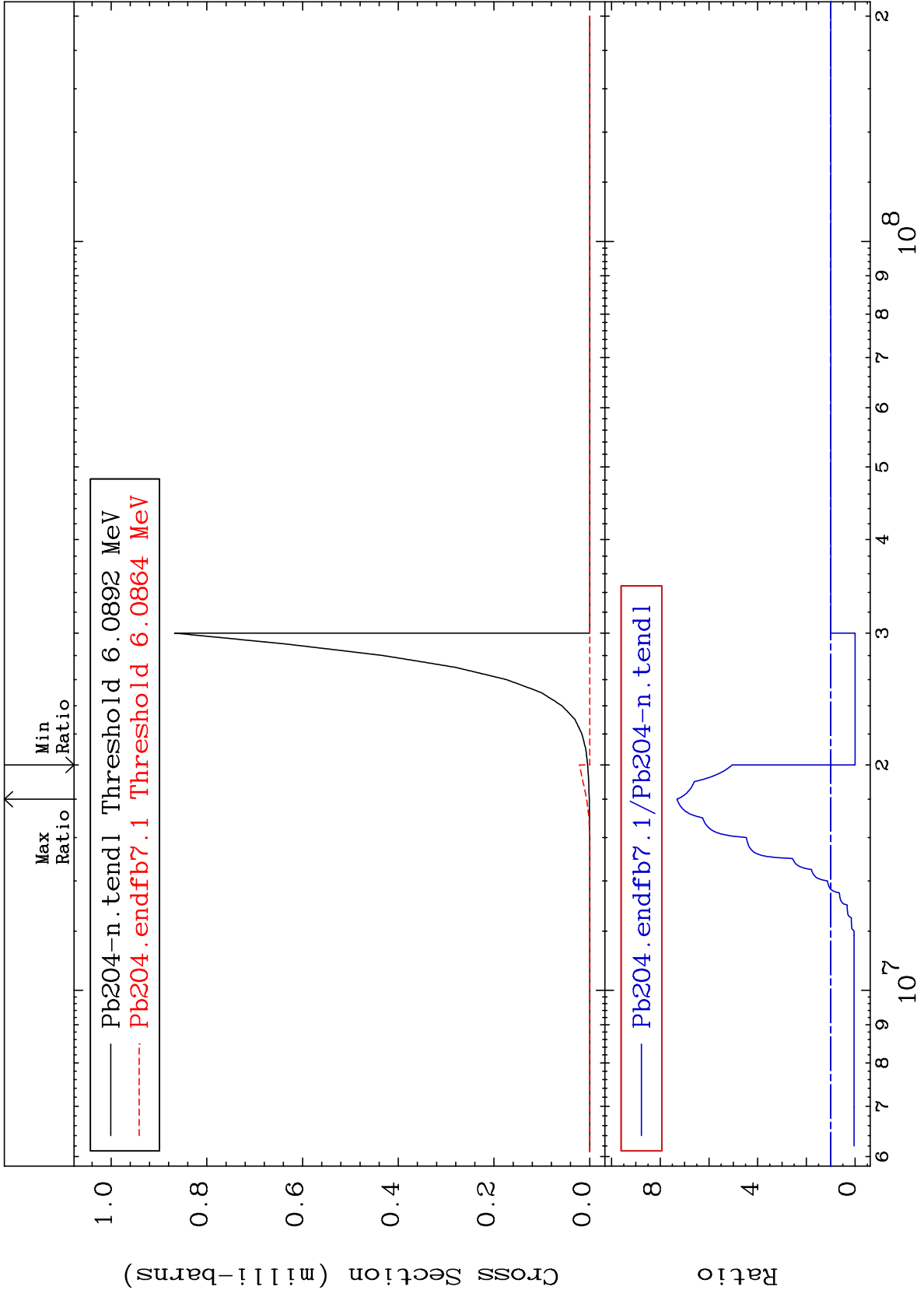
Incident Energy (eV)

82-Pb-204



MAT 8225

(n,2n) α : 80-Hg-199g 82-Pb-204
Radionuclide Production Cross Section -100.0 To 631.4 %



64

Incident Energy (eV)

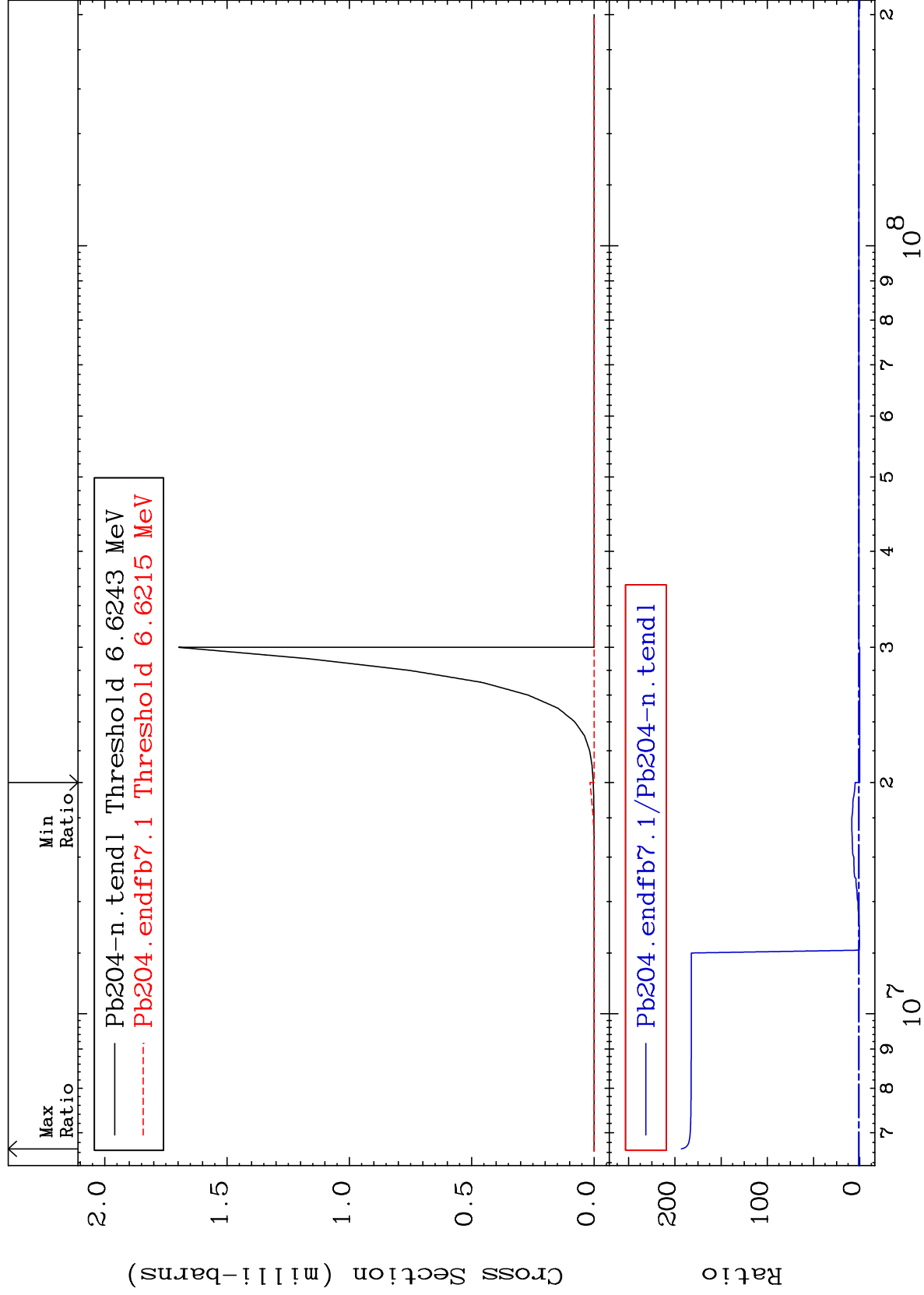
82-Pb-204

MAT 8225

(n,2n) α : 80-Hg-199m7

82-Pb-204

Radionuclide Production Cross Section -100.0 To 9999. %



65

Incident Energy (eV)

82-Pb-204