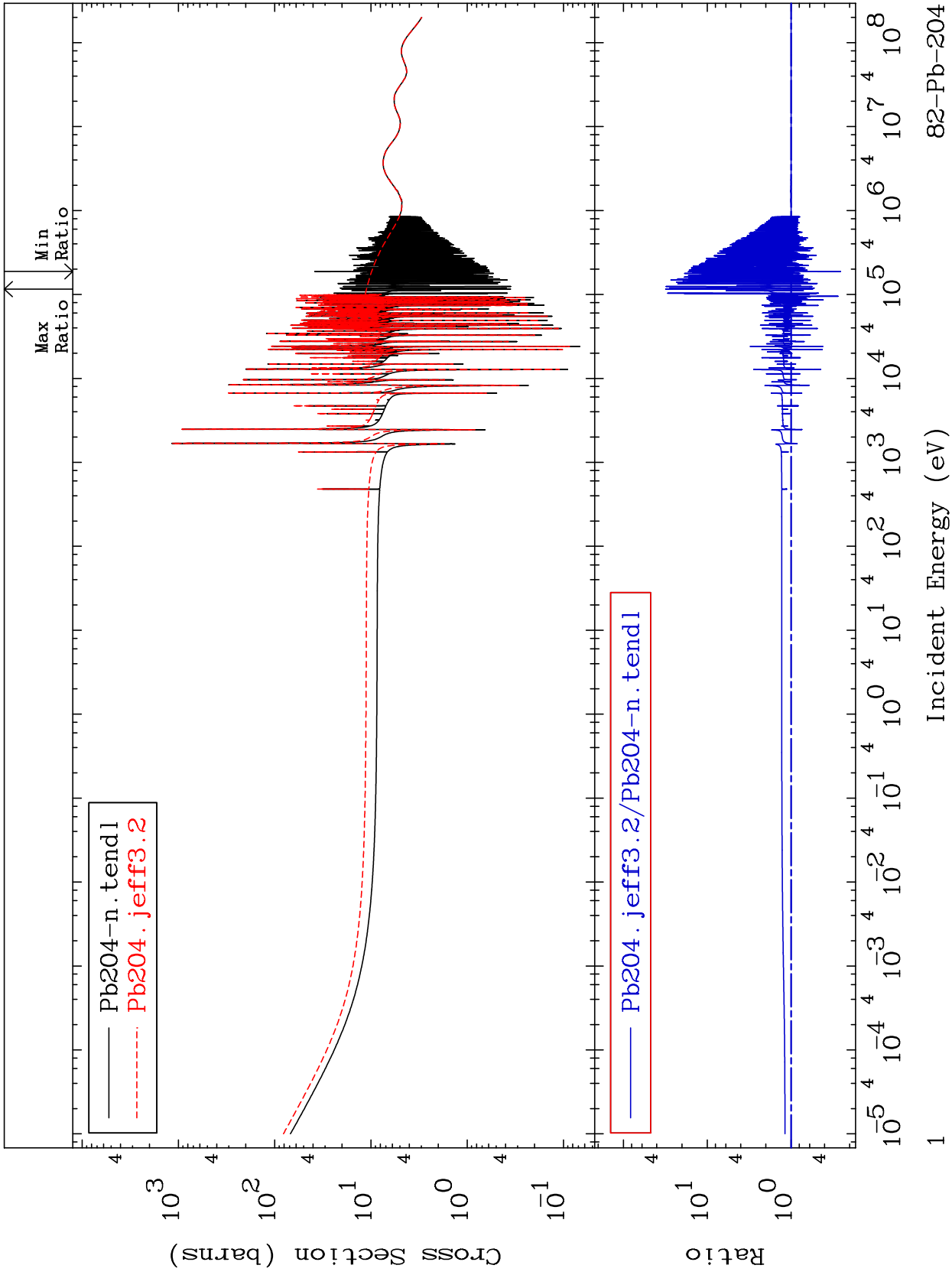


MAT 8225

Total
Cross Section

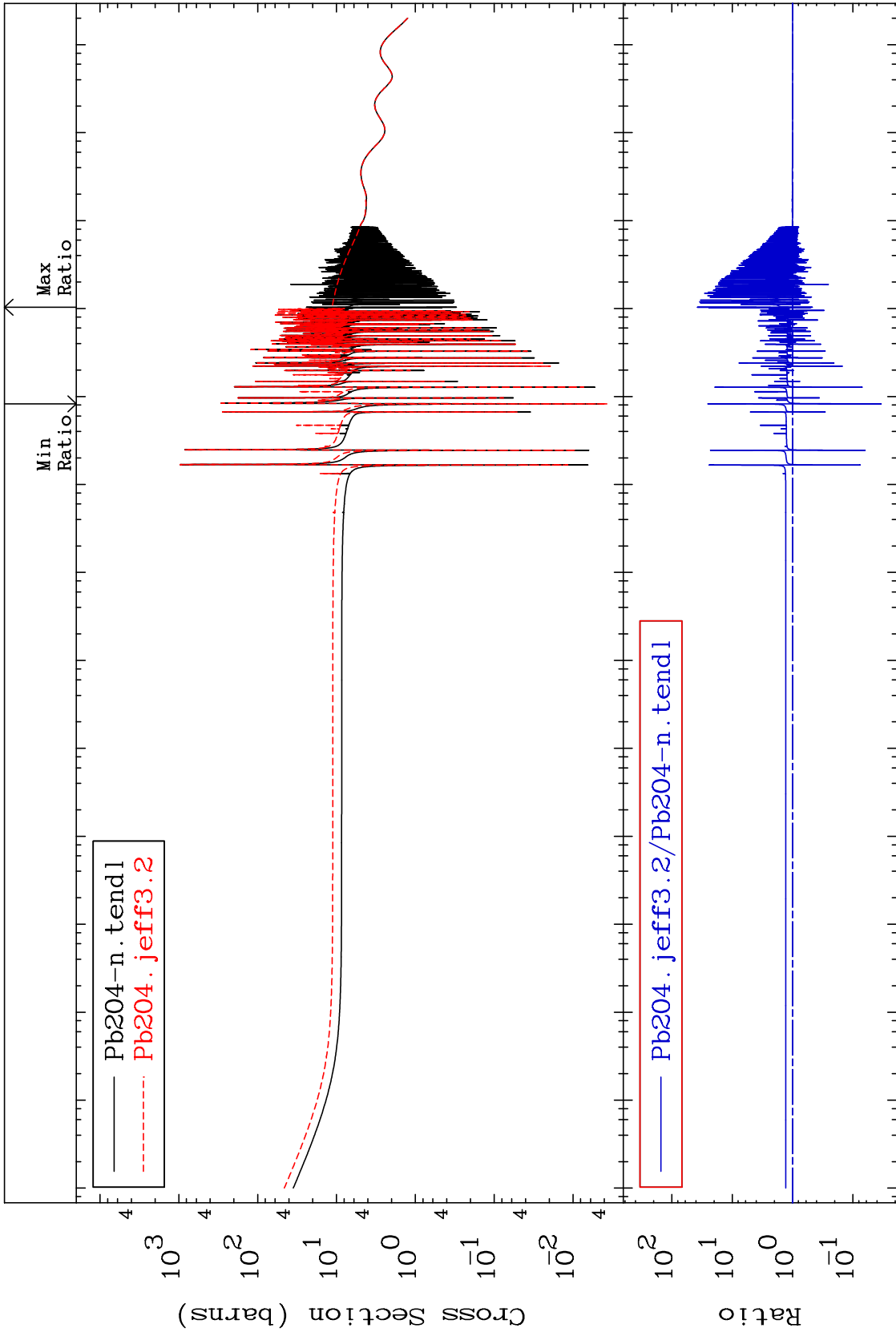
82-Pb-204
-74.34 To 3048. %



MAT 8225

Elastic
Cross Section

82-Pb-204
-96.59 To 3662. %



Incident Energy (eV)

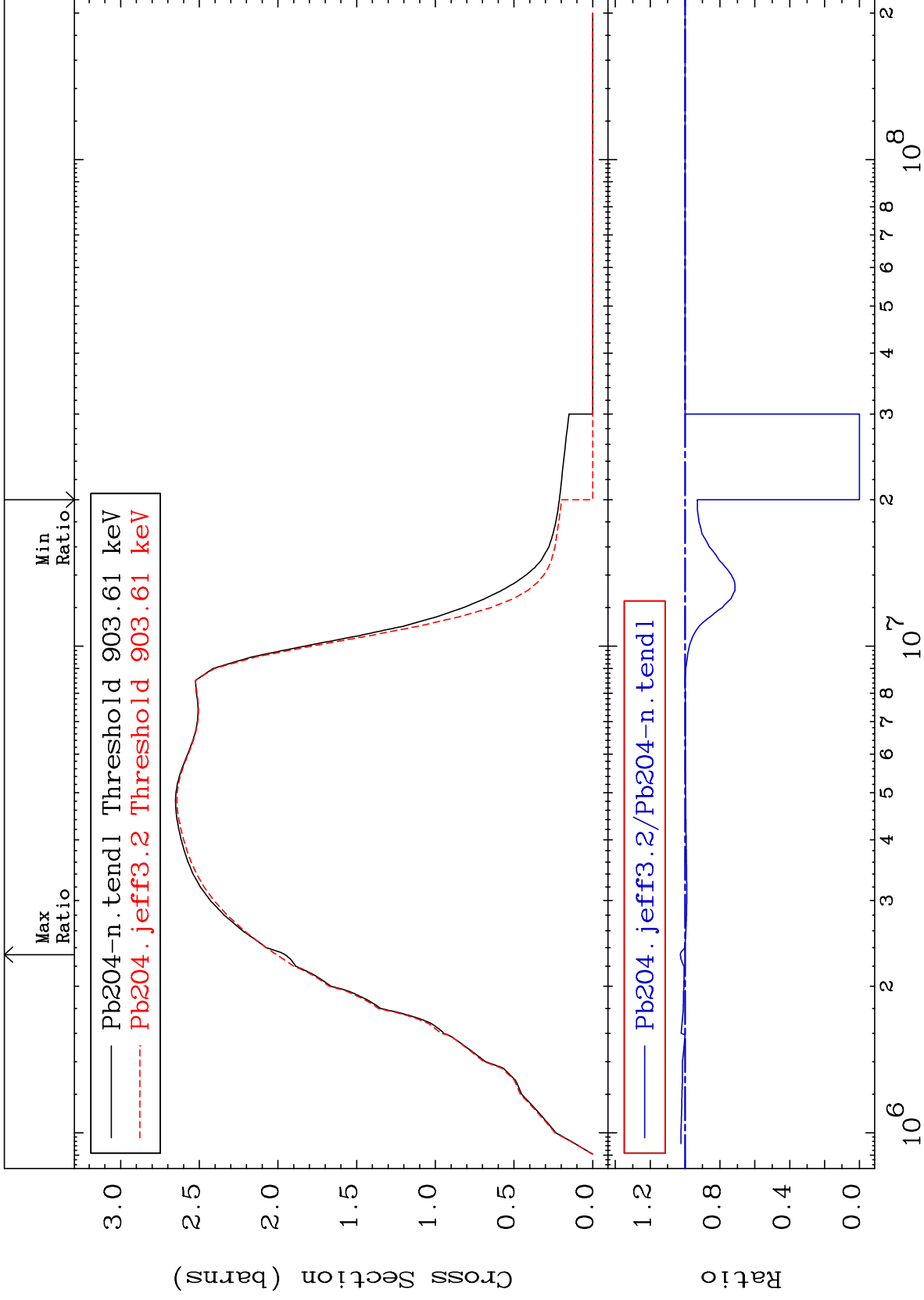
82-Pb-204

2

MAT 8225

Inelastic
Cross Section

82-Pb-204
-100.0 To 2.708 %



82-Pb-204

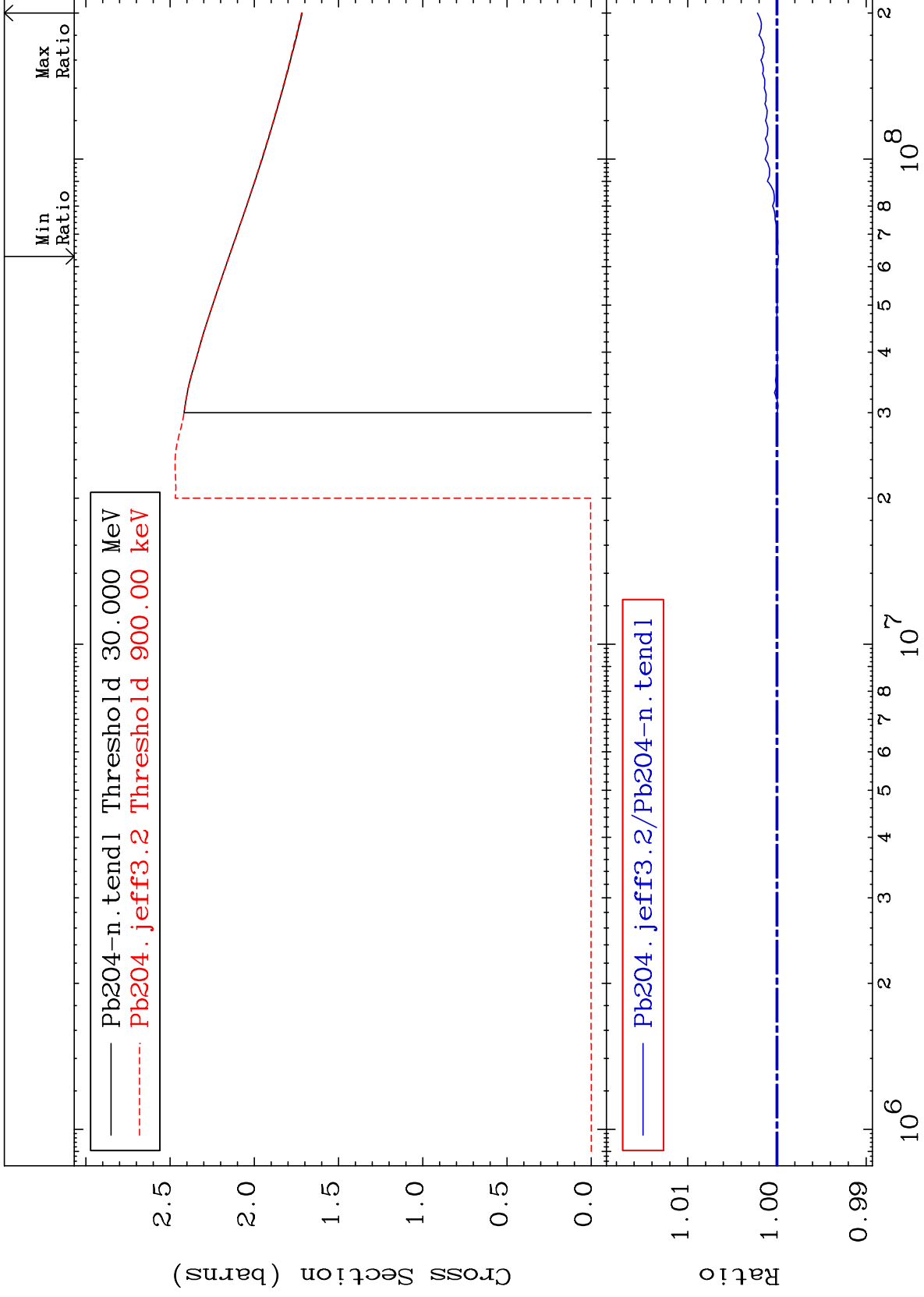
82-Pb-204

3

MAT 8225

(n, remainder)
Cross Section

82-Pb-204
-0.016 To 0.218 %



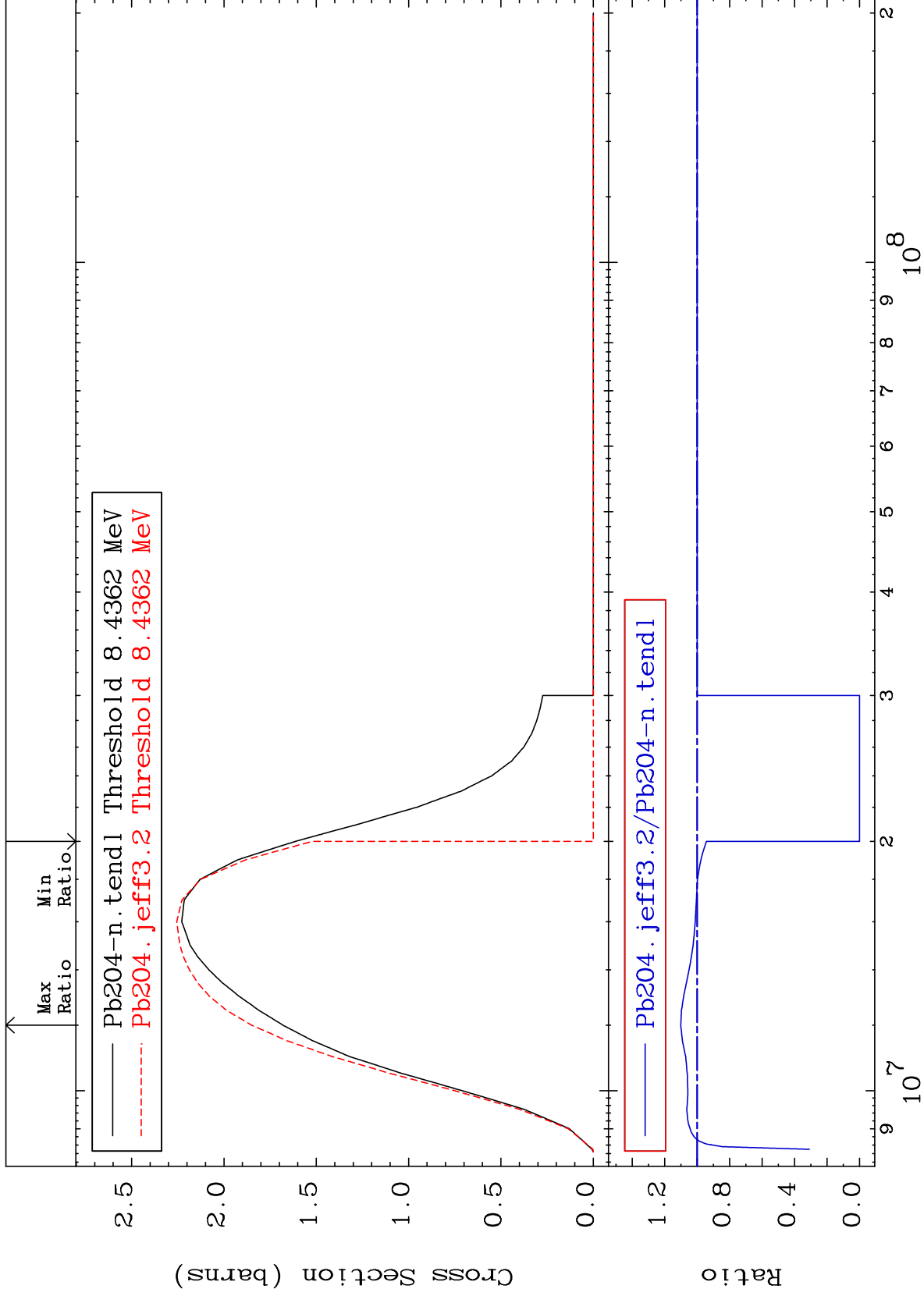
MAT 8225

(n,2n)

82-Pb-204

Cross Section

-100.0 To 10.13 %



5

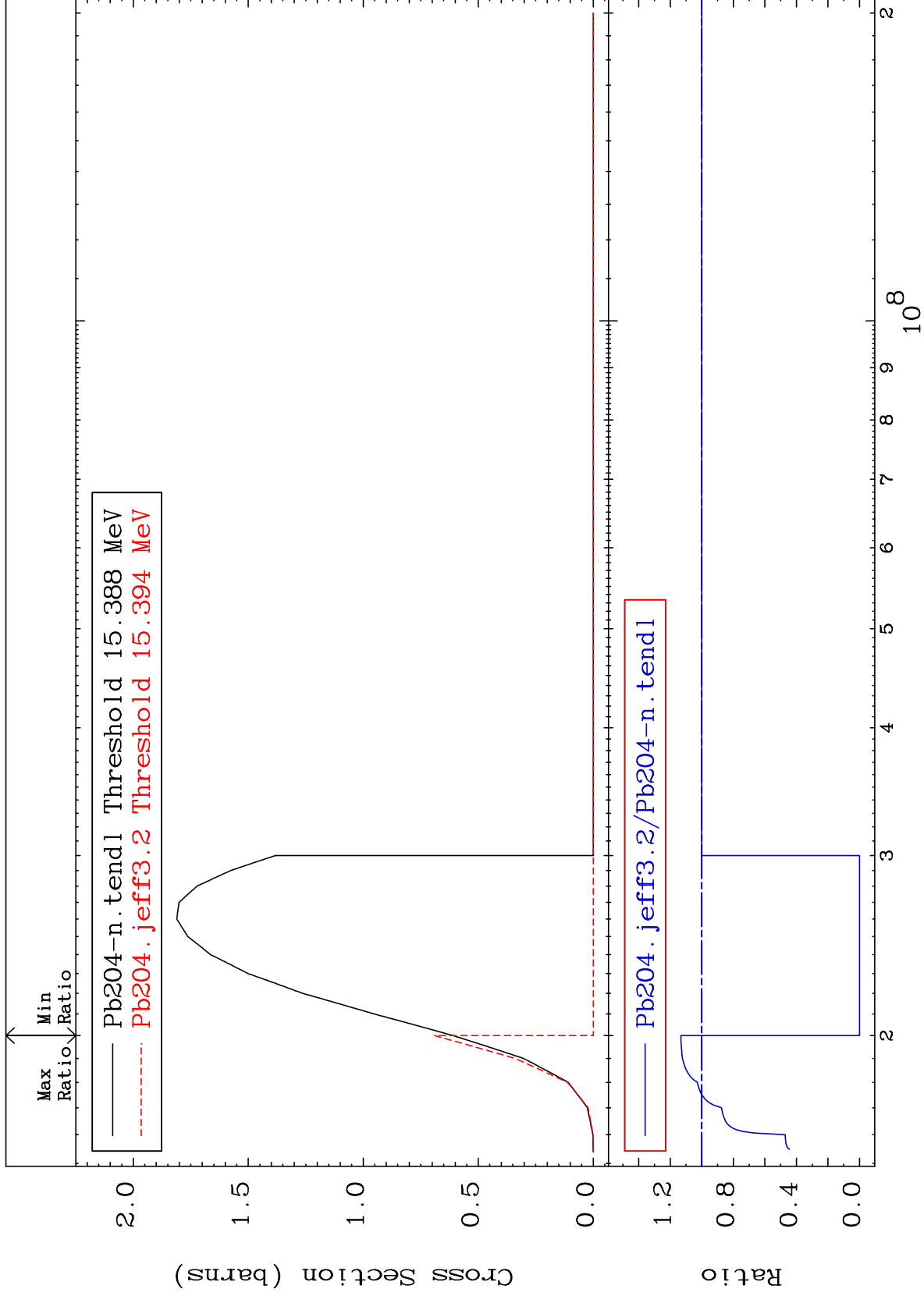
Incident Energy (eV)

82-Pb-204

MAT 8225

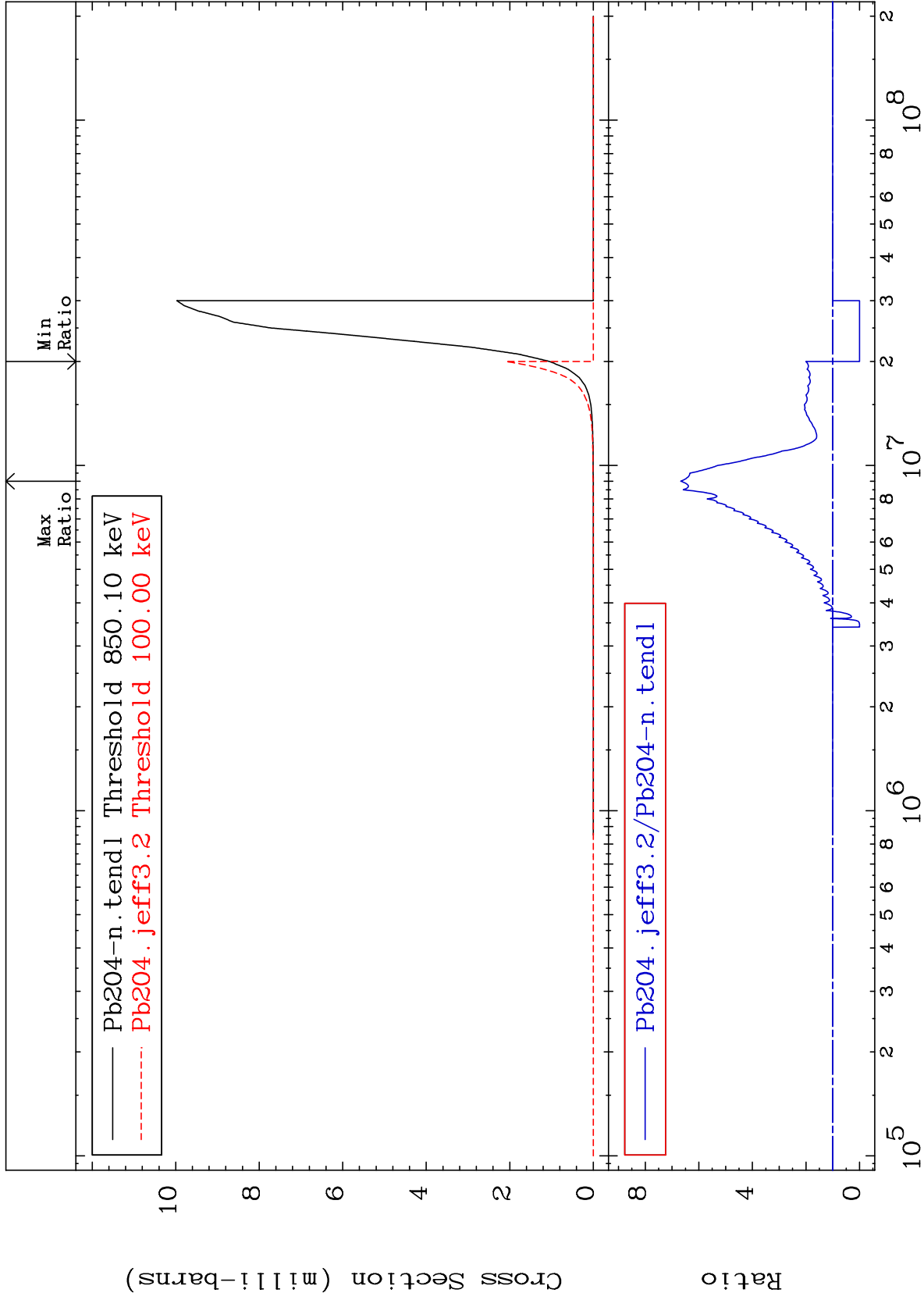
(n,3n)
Cross Section

82-Pb-204
-100.0 To 13.32 %



MAT 8225

$(n, n') \alpha$
Cross Section
82-Pb-204
-100.0 To 567.5 %



82-Pb-204

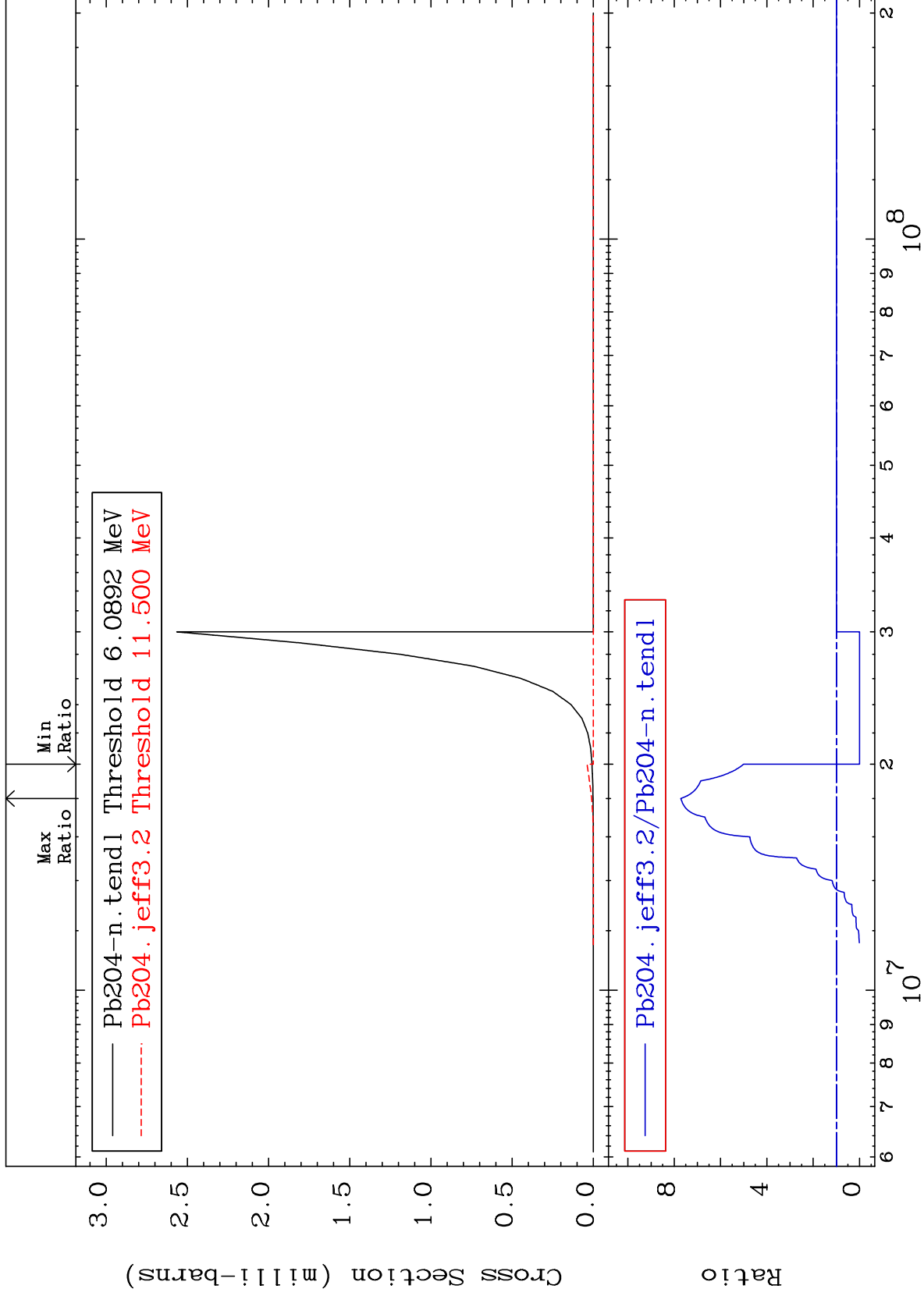
Incident Energy (eV)

7

MAT 8225

(n,2n) α
Cross Section

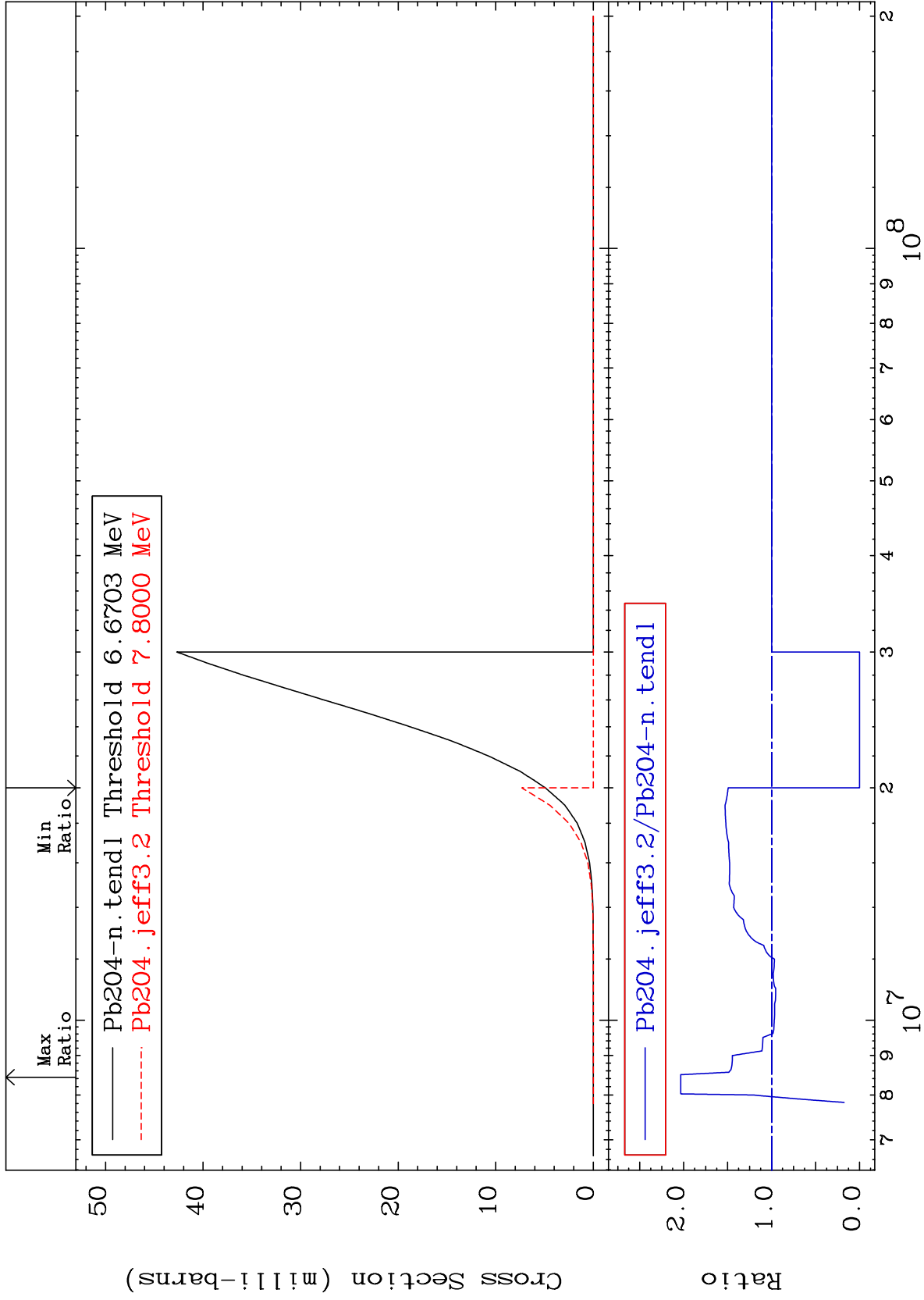
82-Pb-204
-100.0 To 671.8 %



MAT 8225

(n, n') p
Cross Section

82-Pb-204
-100.0 To 103.3 %



9

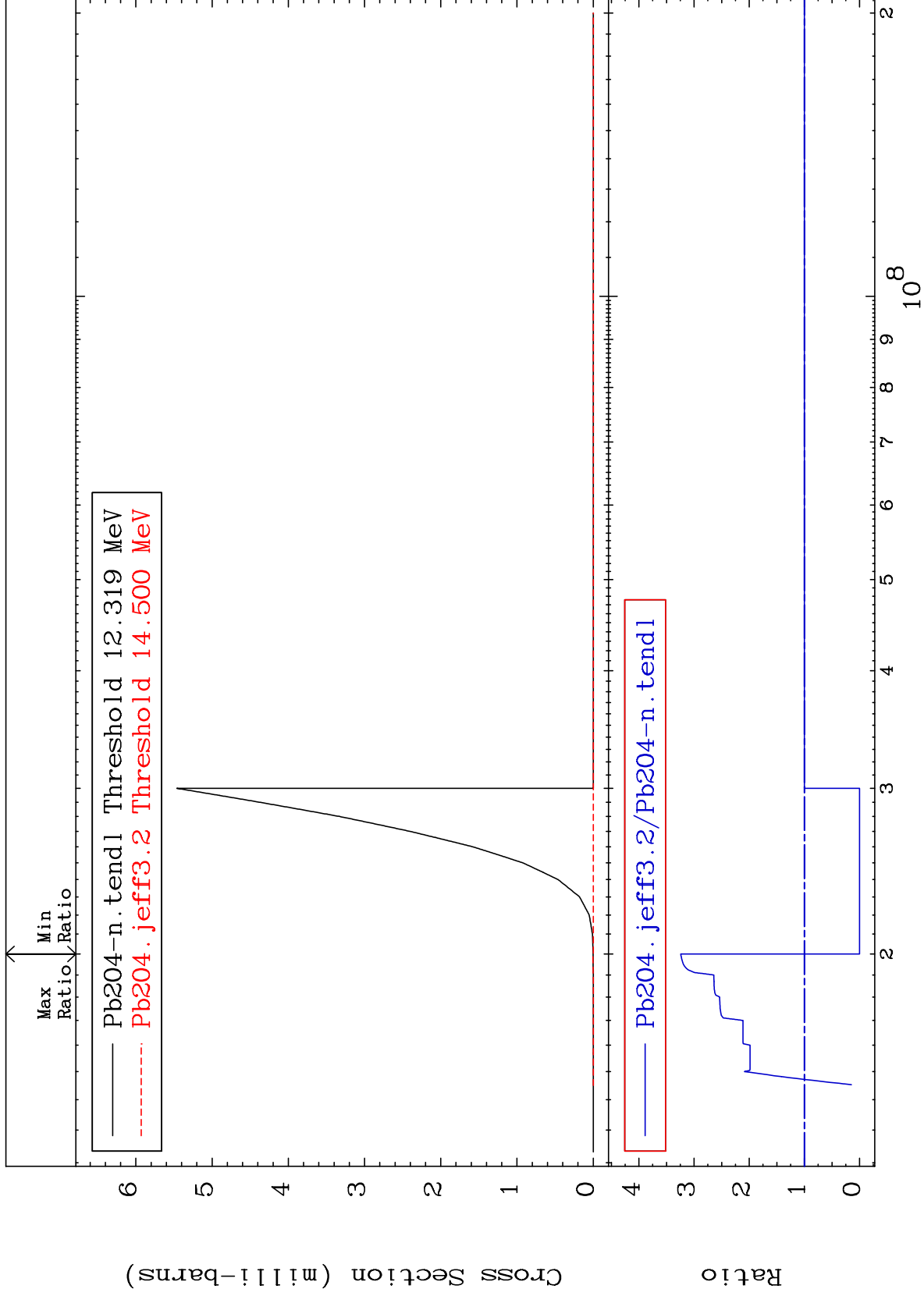
82-Pb-204

82-Pb-204

MAT 8225

(n, n') d
Cross Section

82-Pb-204
-100.0 To 224.1 %



10

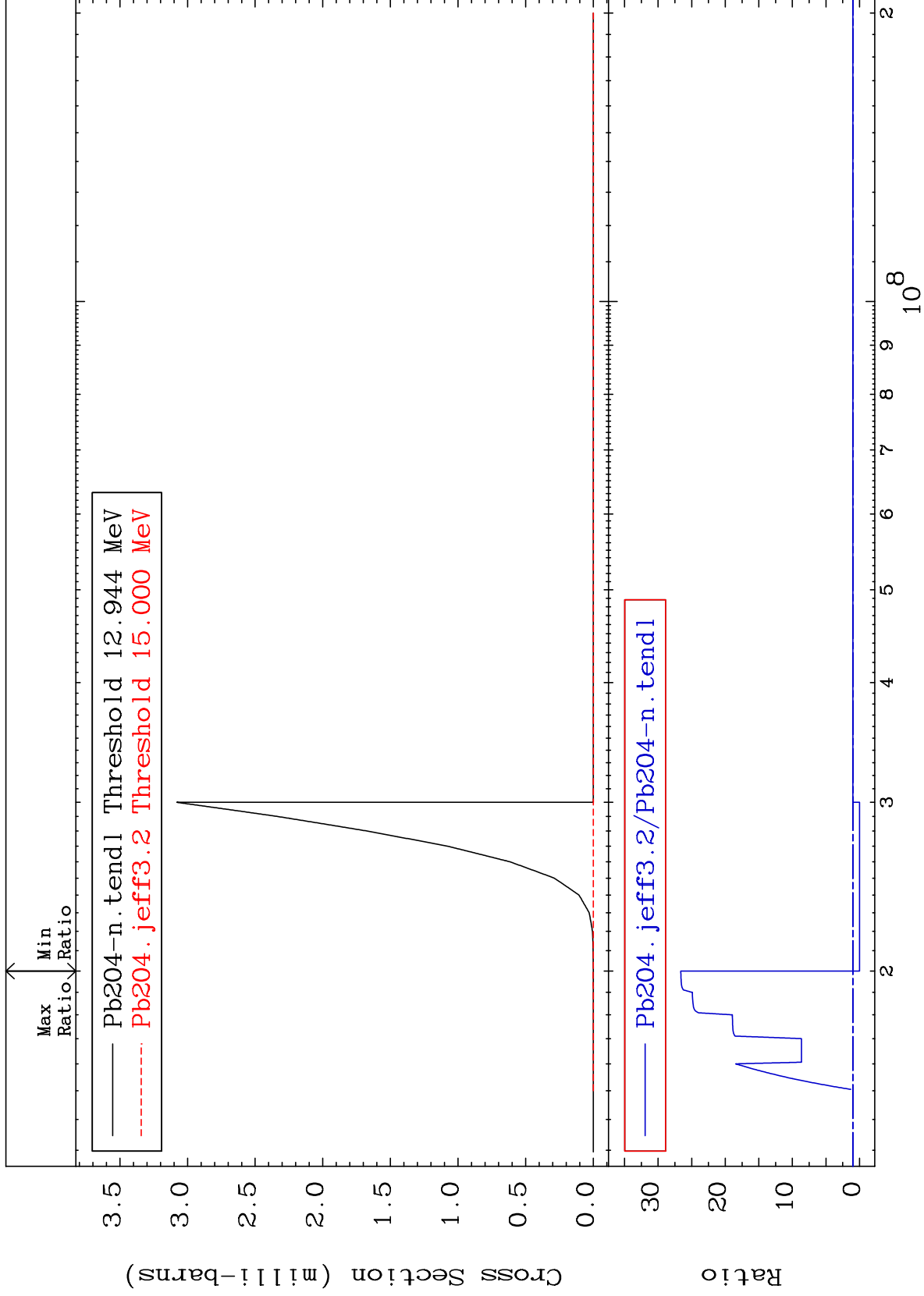
Incident Energy (eV)

82-Pb-204

MAT 8225

(n,n') t
Cross Section

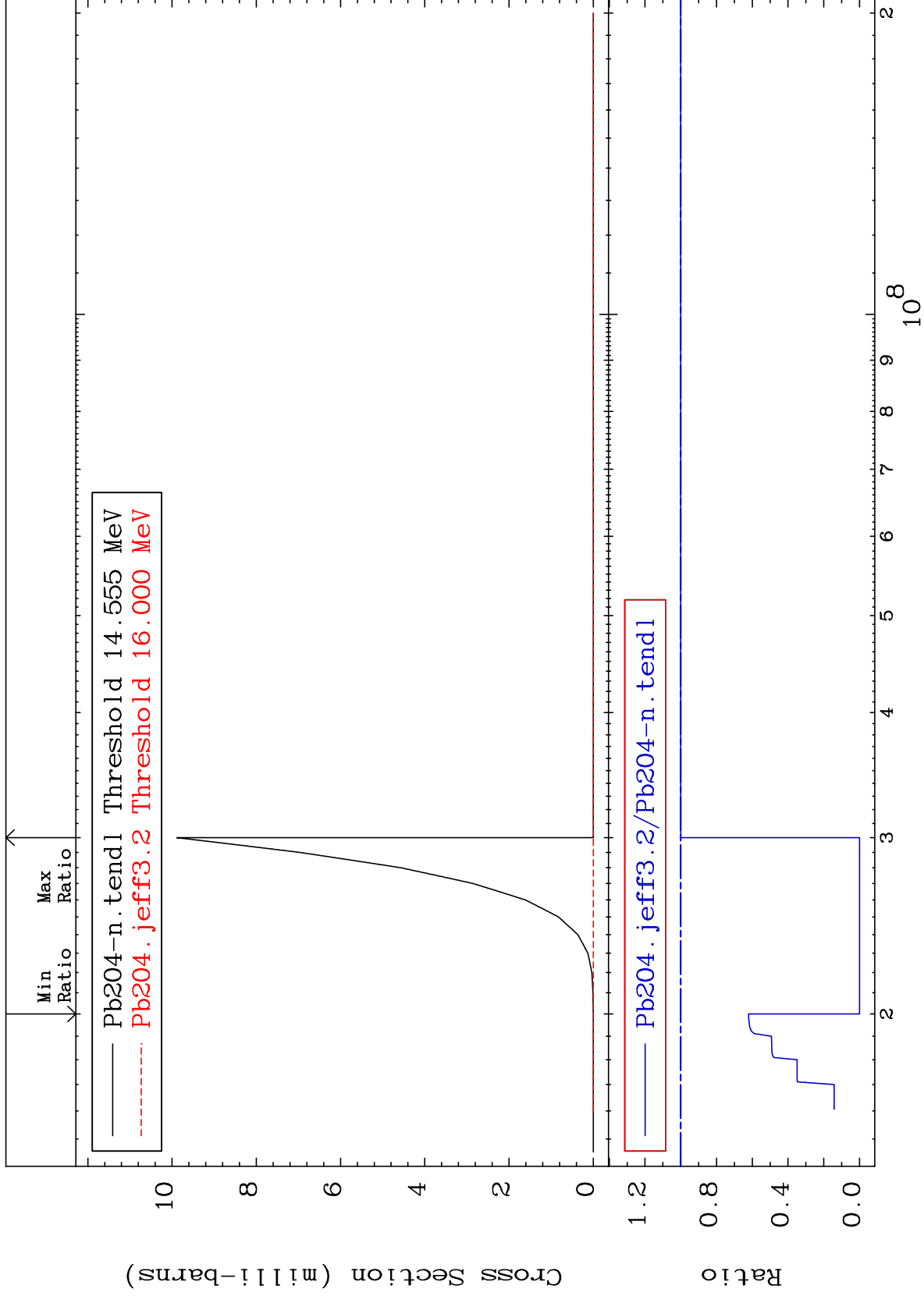
82-Pb-204
-100.0 To 2563. %



MAT 8225

(n,2n) p
Cross Section

82-Pb-204
-100.0 To 0.000 %



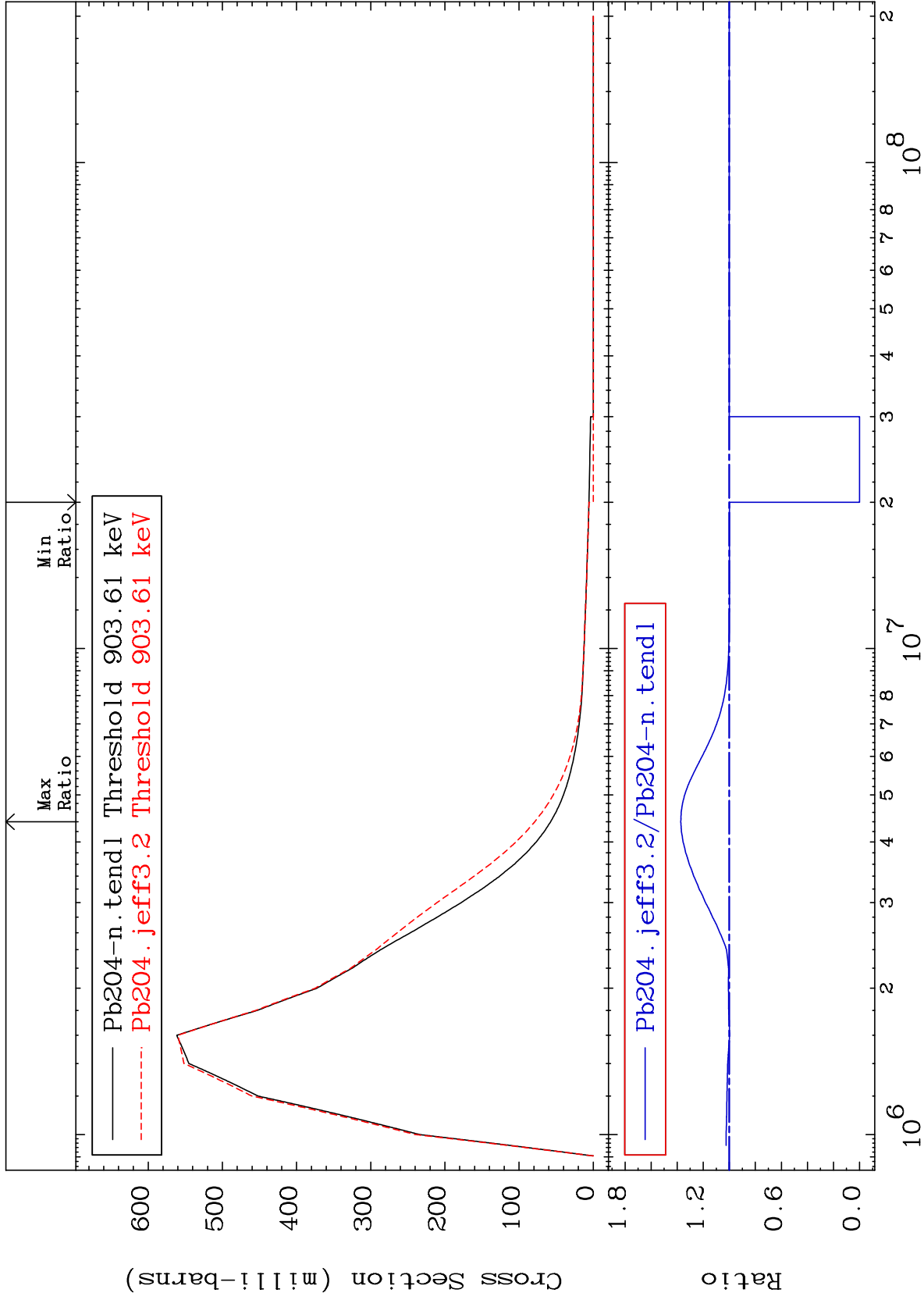
MAT 8225

899.2 keV (n,n') Level

82-Pb-204

-100.0 To 37.23 %

Cross Section



13

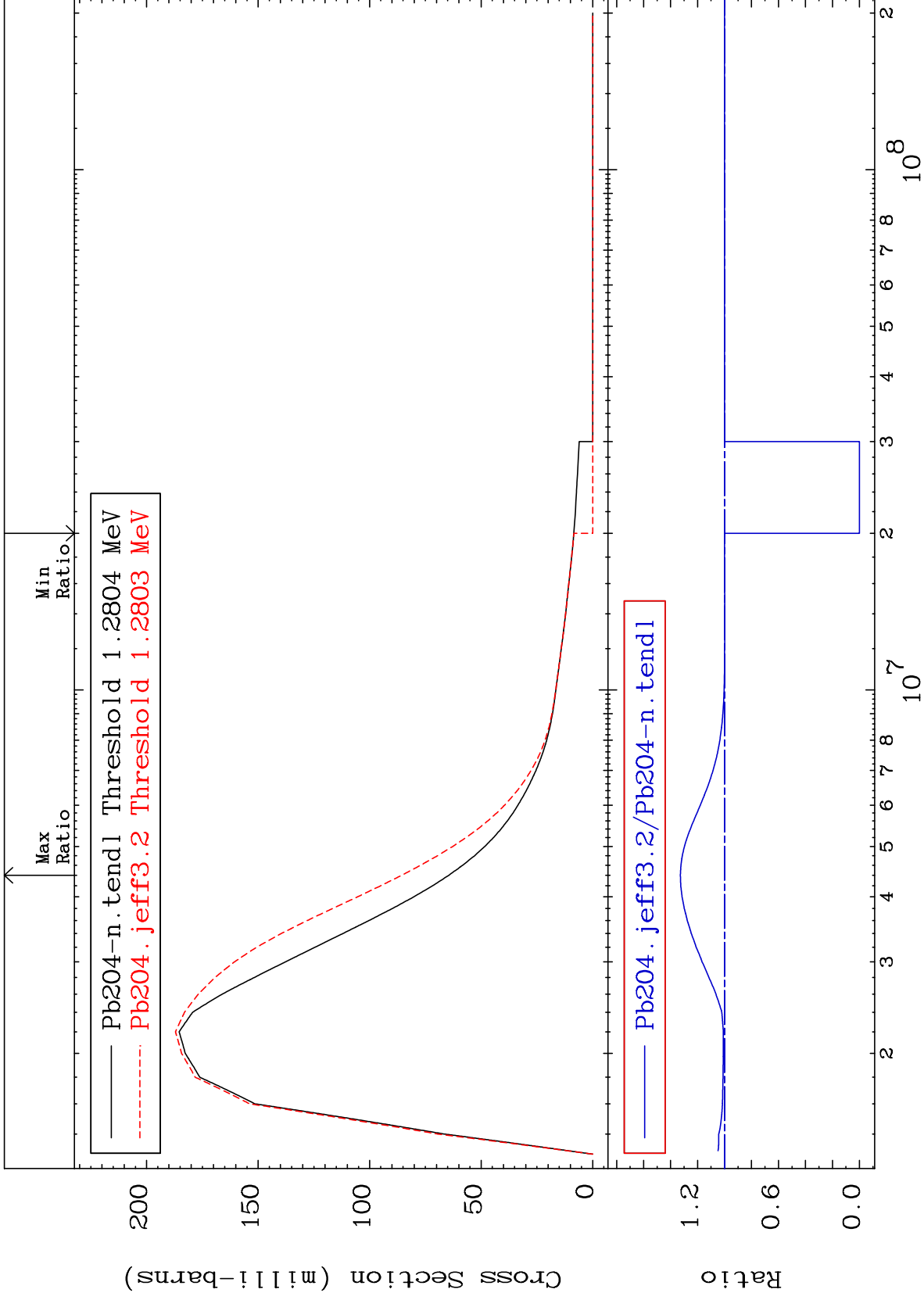
Incident Energy (eV)

82-Pb-204

MAT 8225

1.274 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 32.75 %

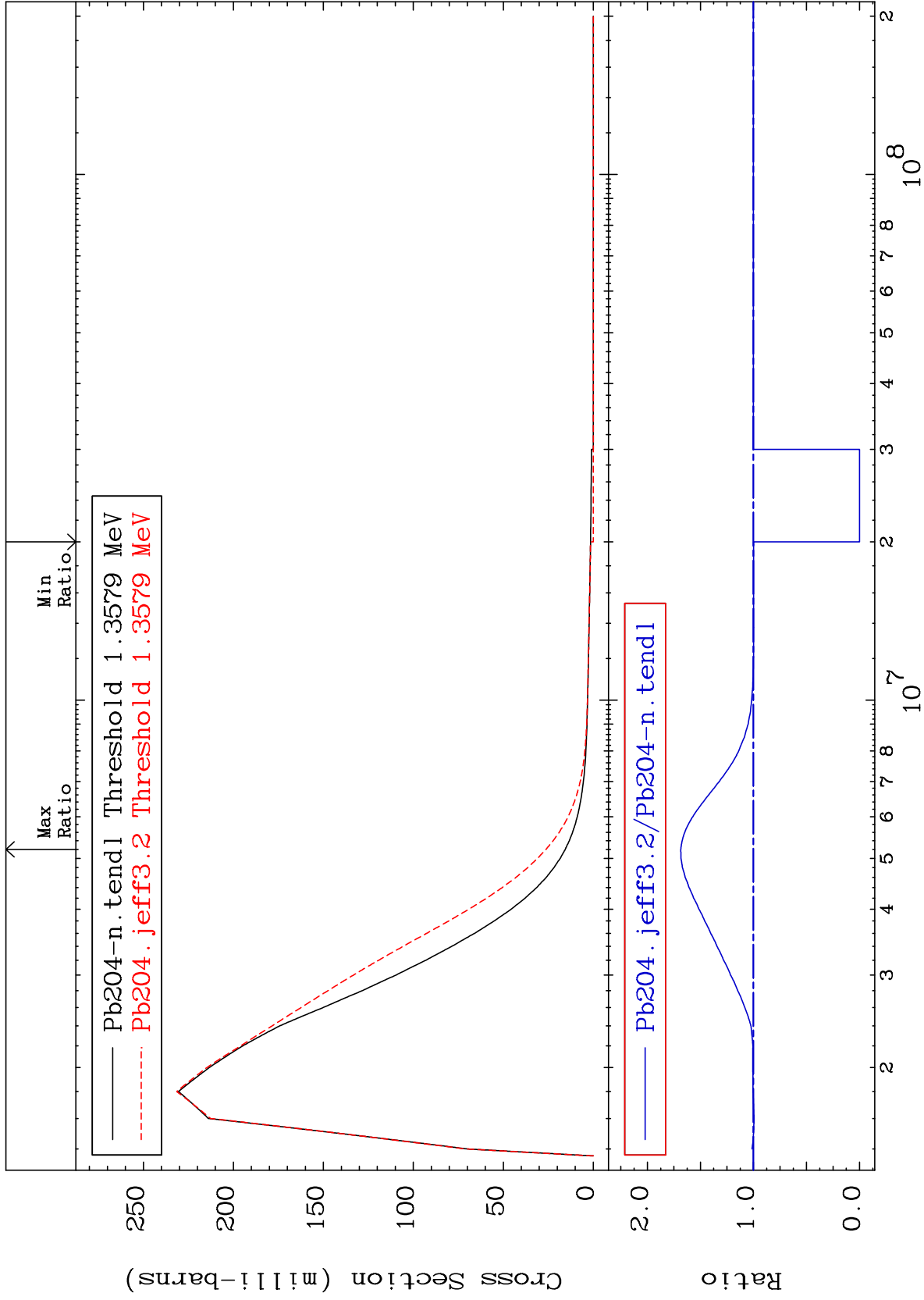


MAT 8225

1.351 MeV (n,n') Level

82-Pb-204

-100.0 To 68.53 %



15

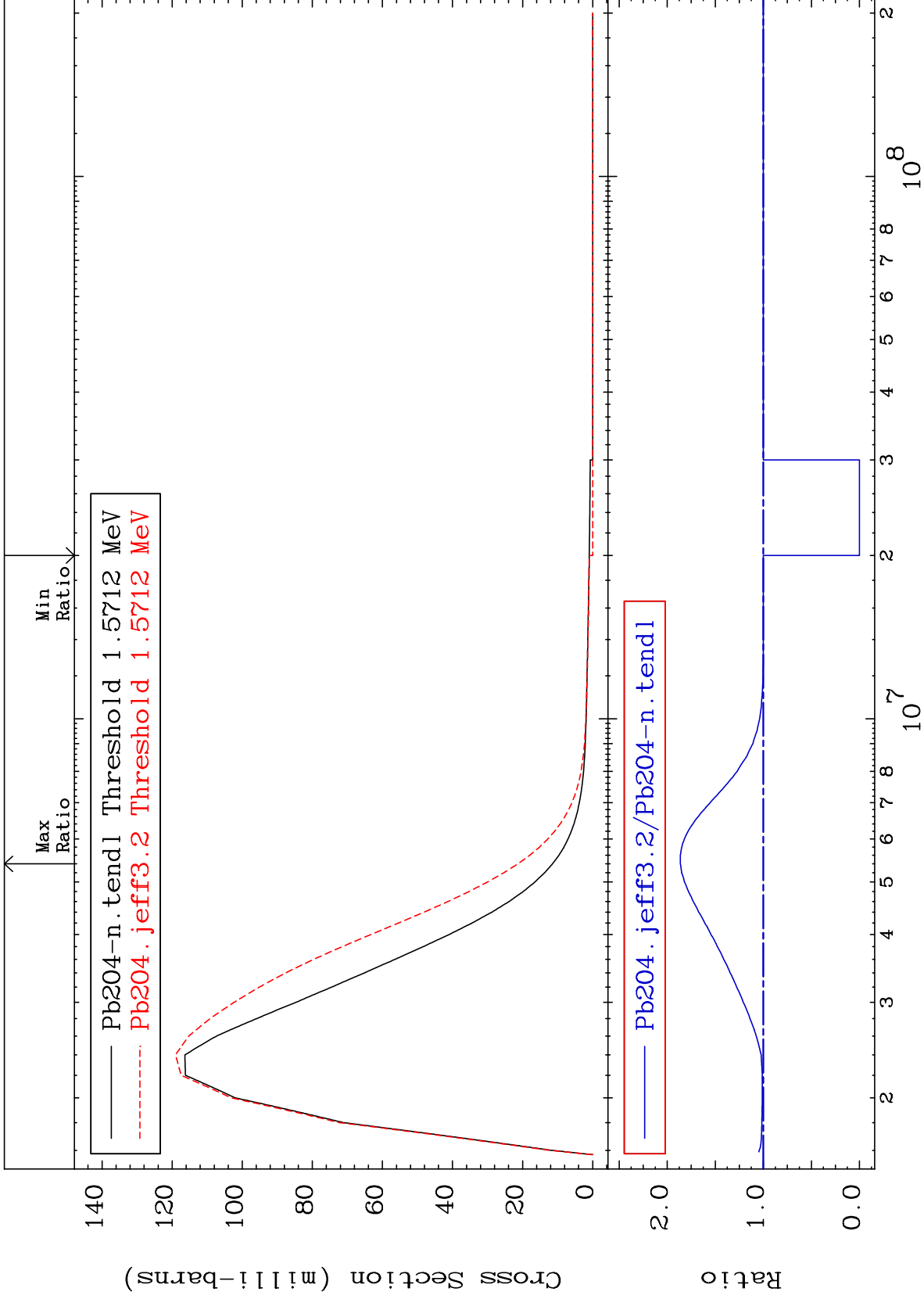
Incident Energy (eV)

82-Pb-204

MAT 8225

1.563 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 86.33 %



16

Incident Energy (eV)

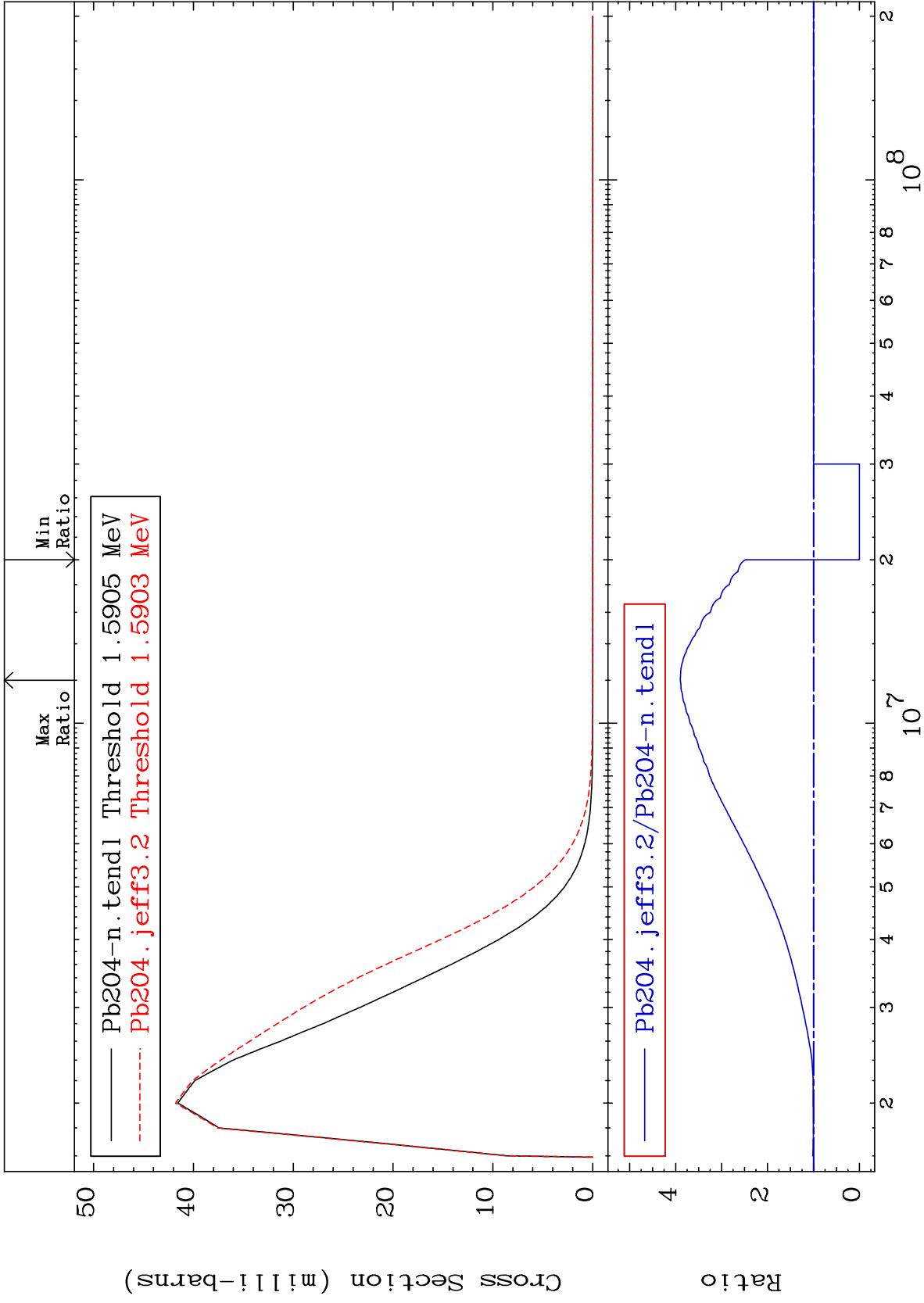
82-Pb-204

MAT 8225

1.583 MeV (n,n') Level

82-Pb-204

-100.0 To 289.7 %



17

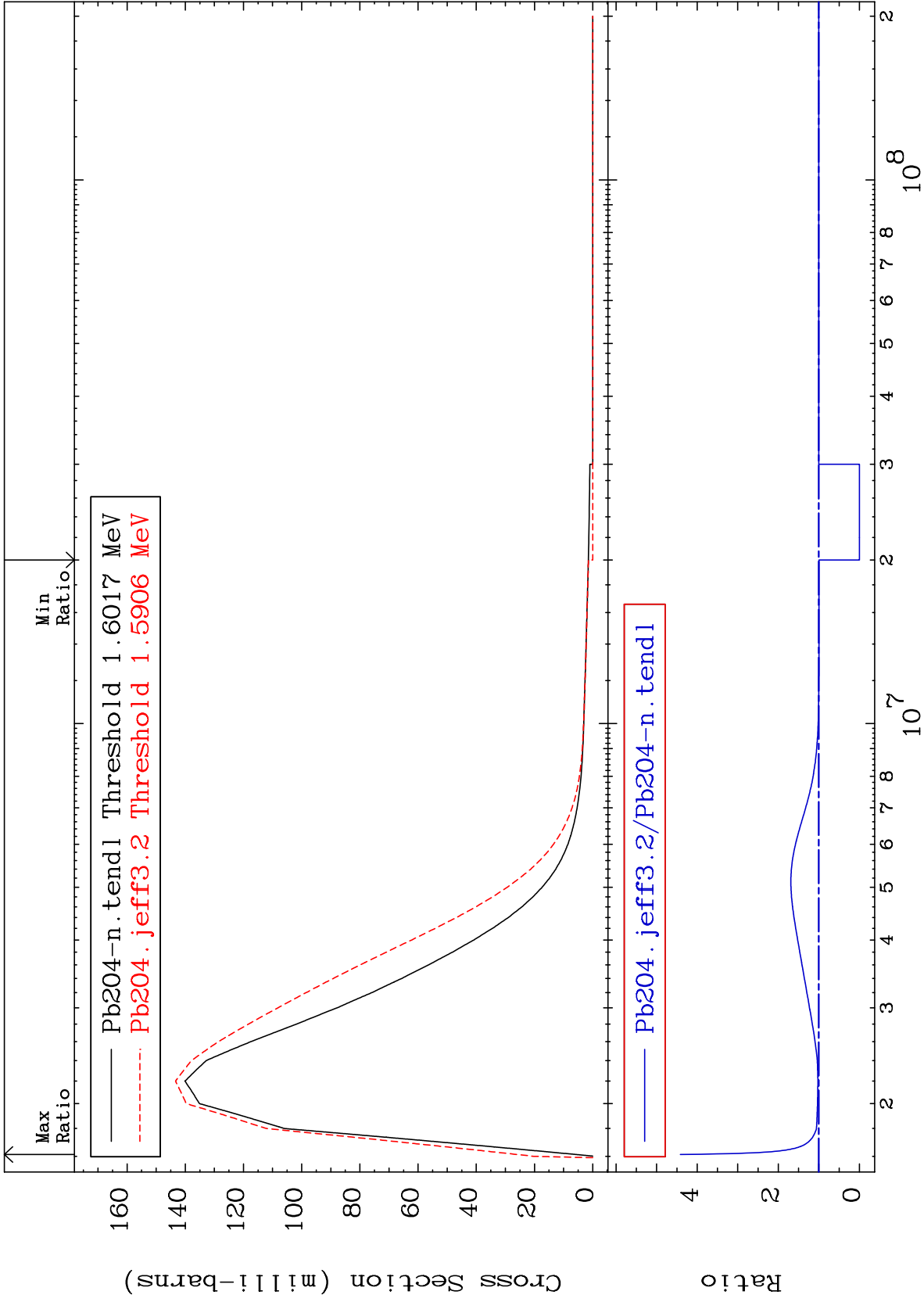
Incident Energy (eV)

82-Pb-204

MAT 8225

1.594 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 341.5 %

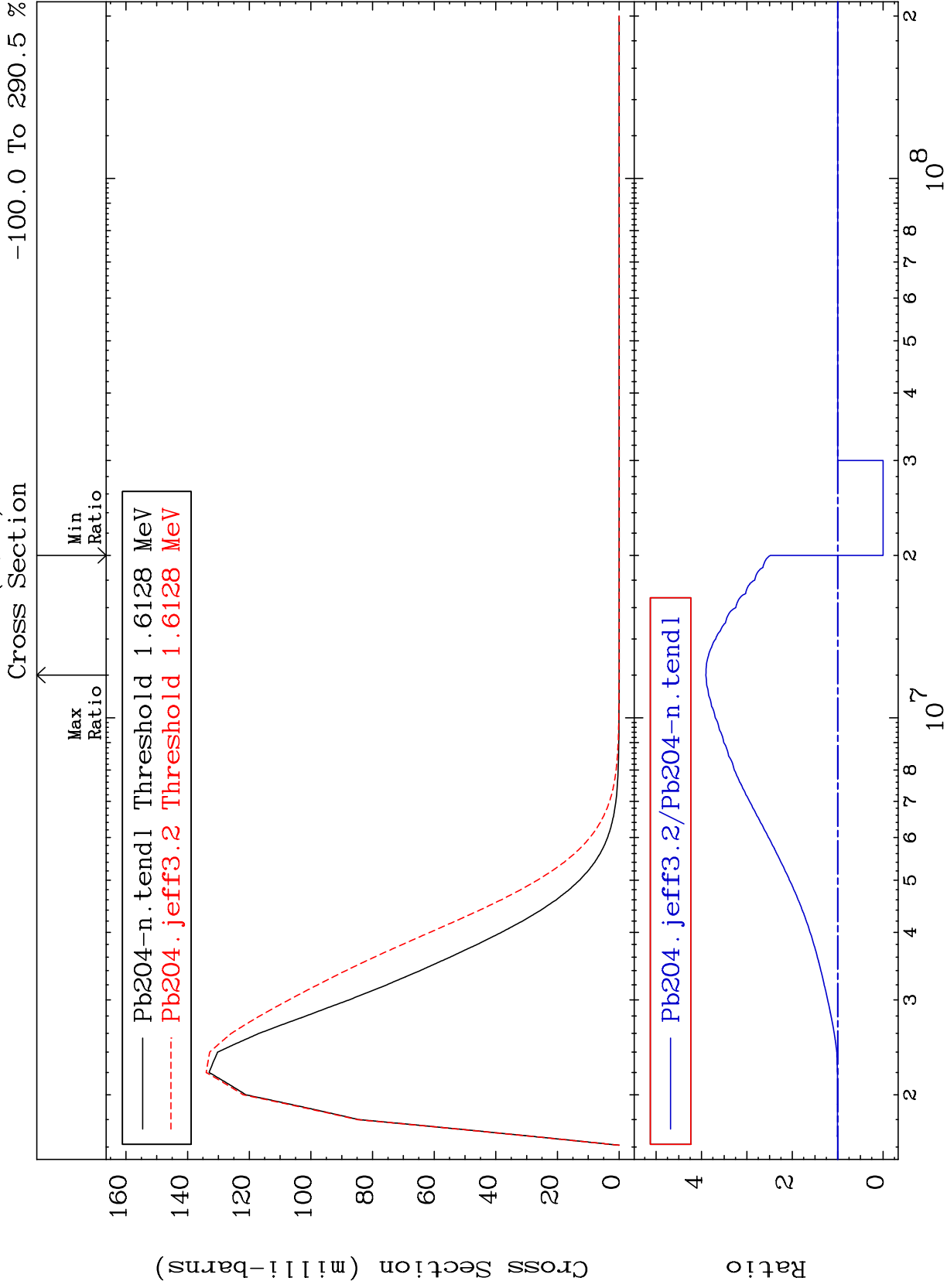


MAT 8225

1.605 MeV (n,n') Level

82-Pb-204

-100.0 To 290.5 %

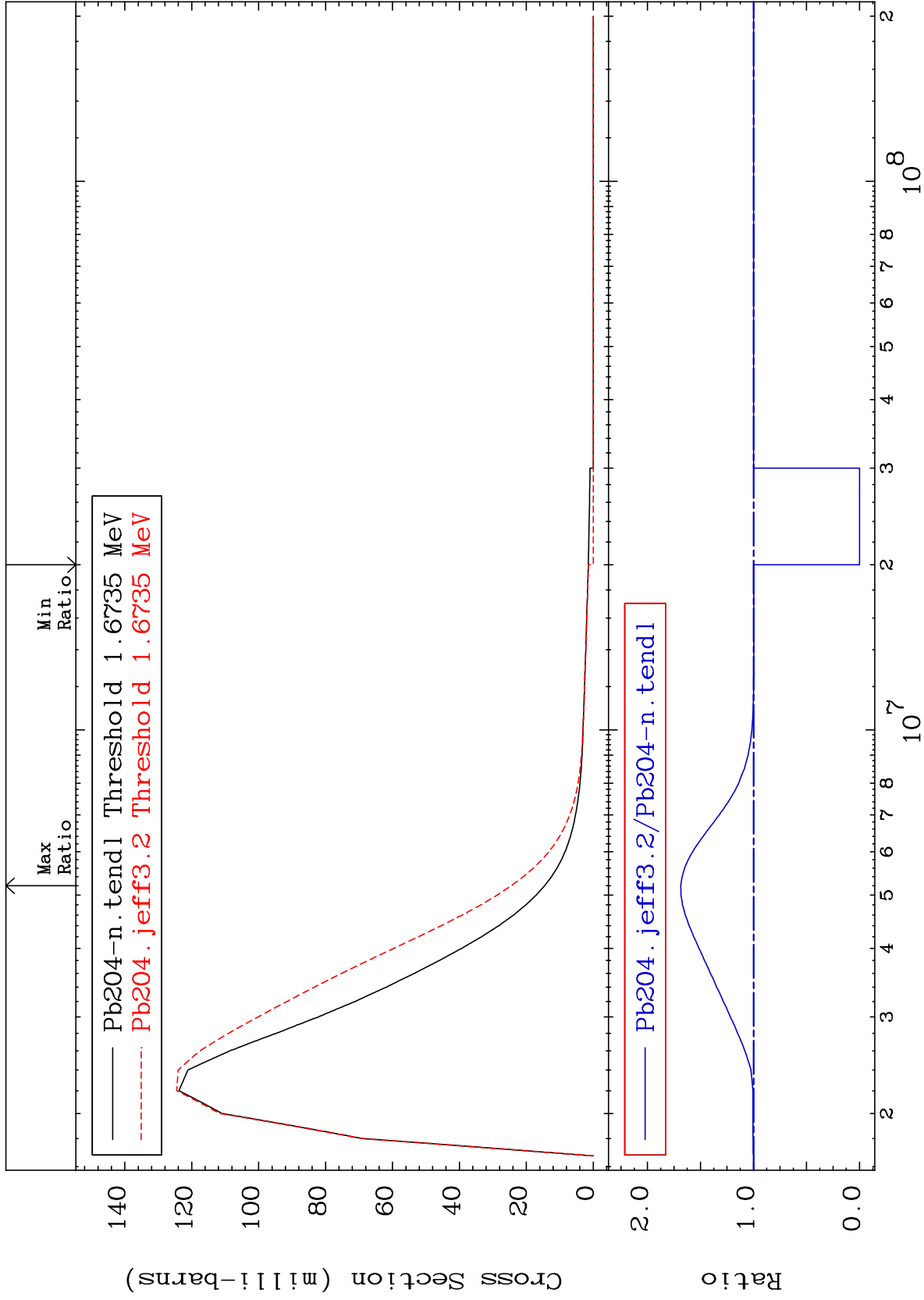


MAT 8225

1.665 MeV (n,n') Level

82-Pb-204

-100.0 To 68.60 %



20

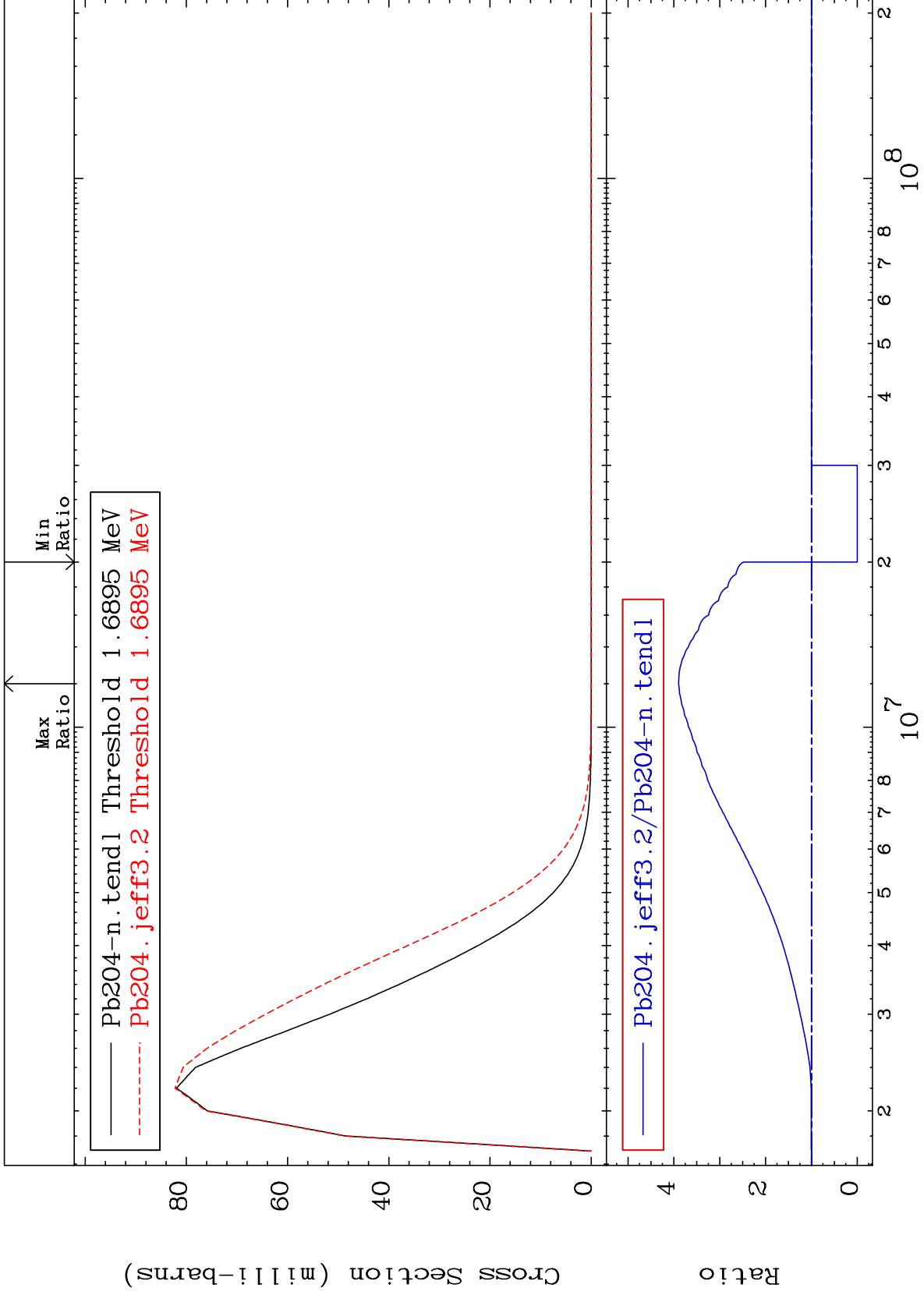
Incident Energy (eV)

82-Pb-204

MAT 8225

1.681 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 289.6 %

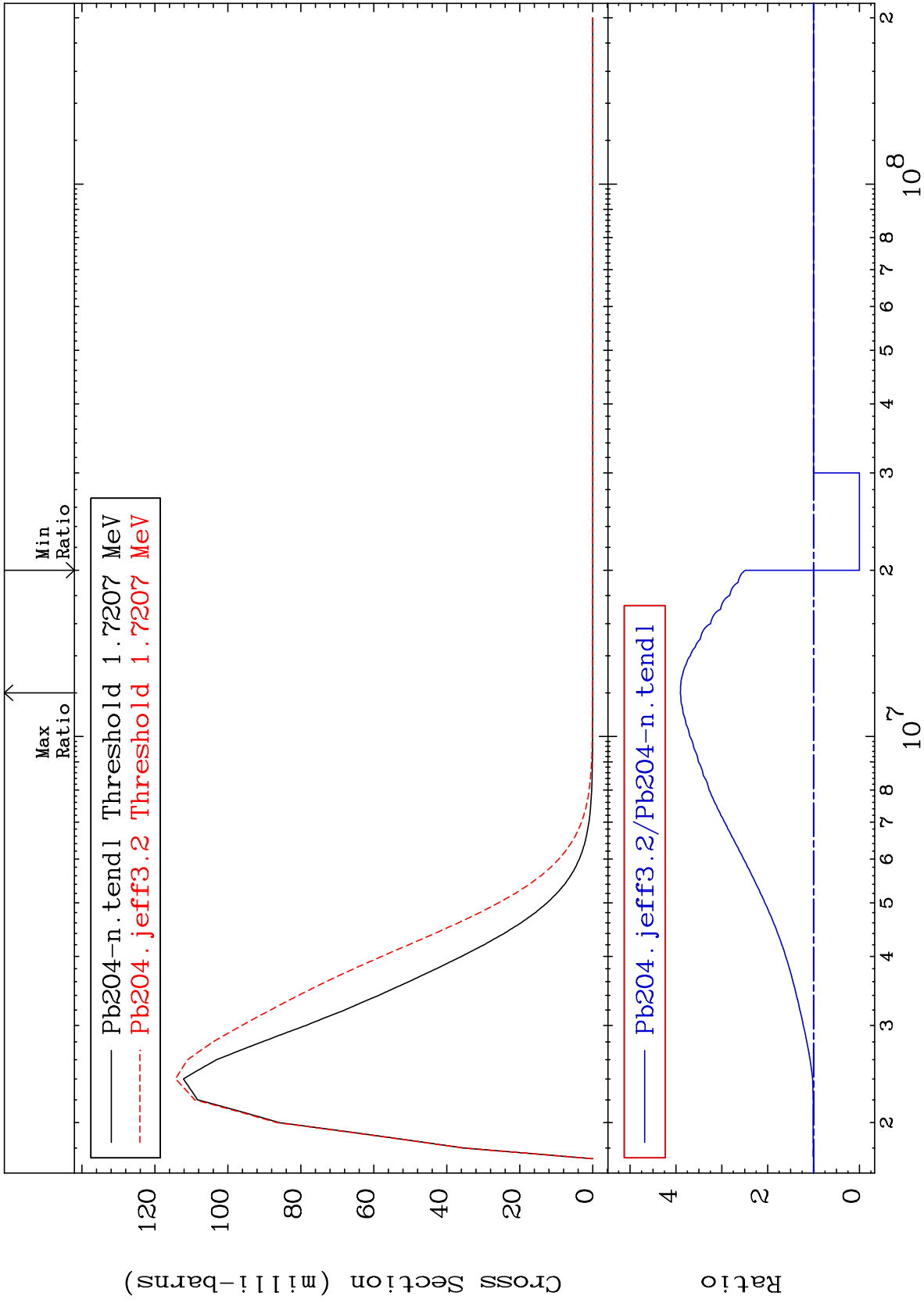


MAT 8225

1.712 MeV (n,n') Level

82-Pb-204

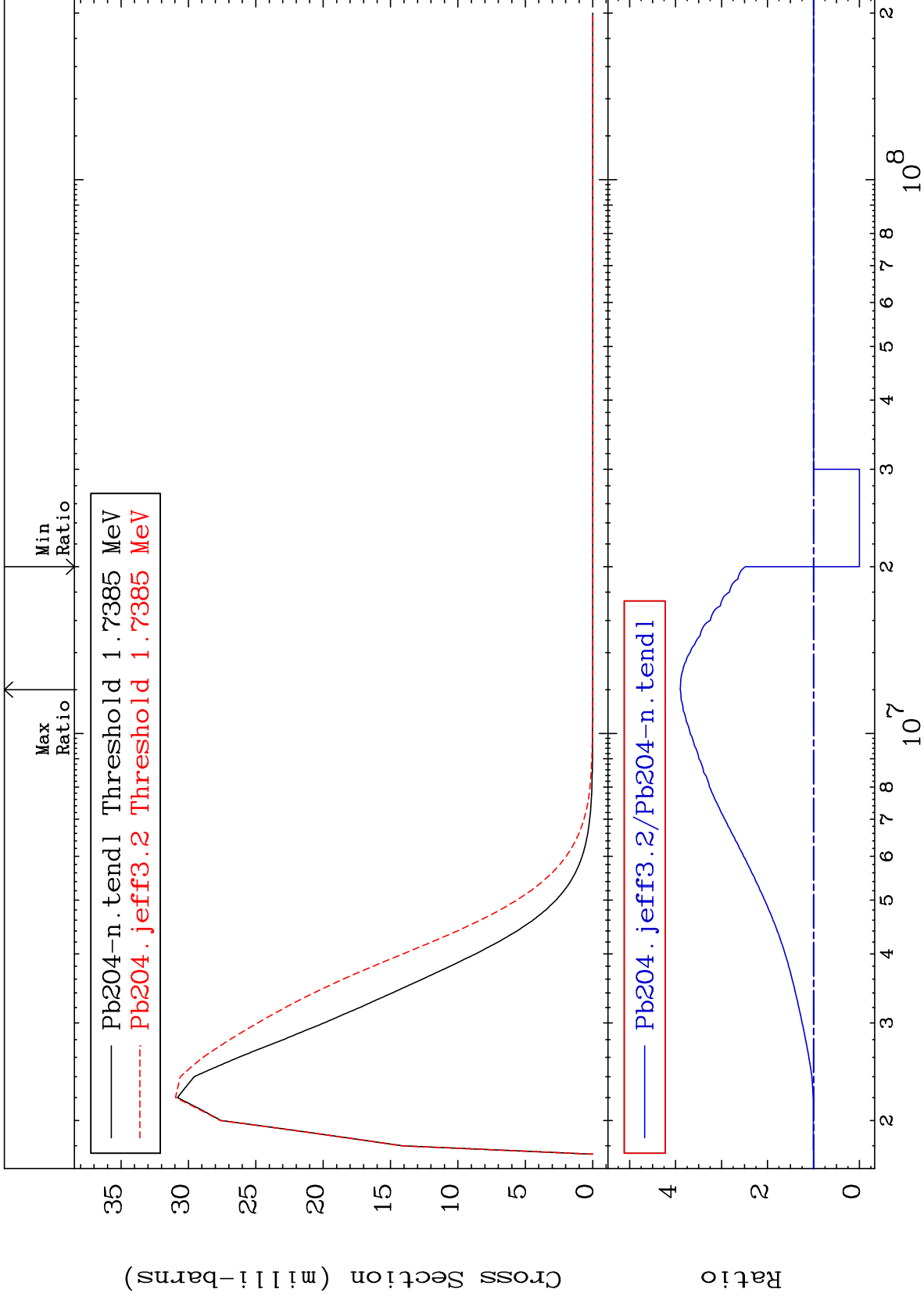
-100.0 To 290.5 %



MAT 8225

1.730 MeV (n,n') Level
Cross Section

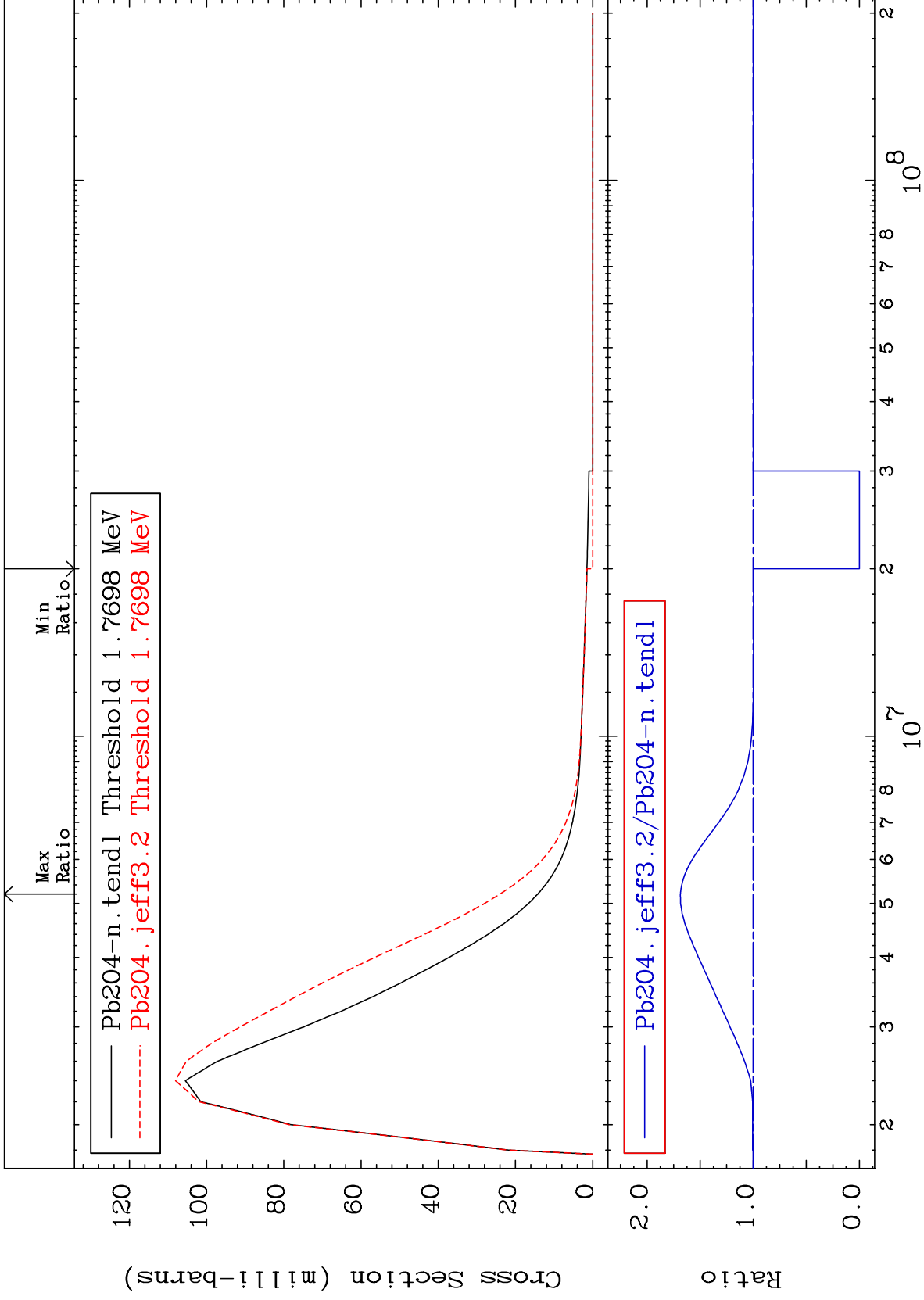
82-Pb-204
-100.0 To 289.7 %



MAT 8225

1.761 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 68.65 %

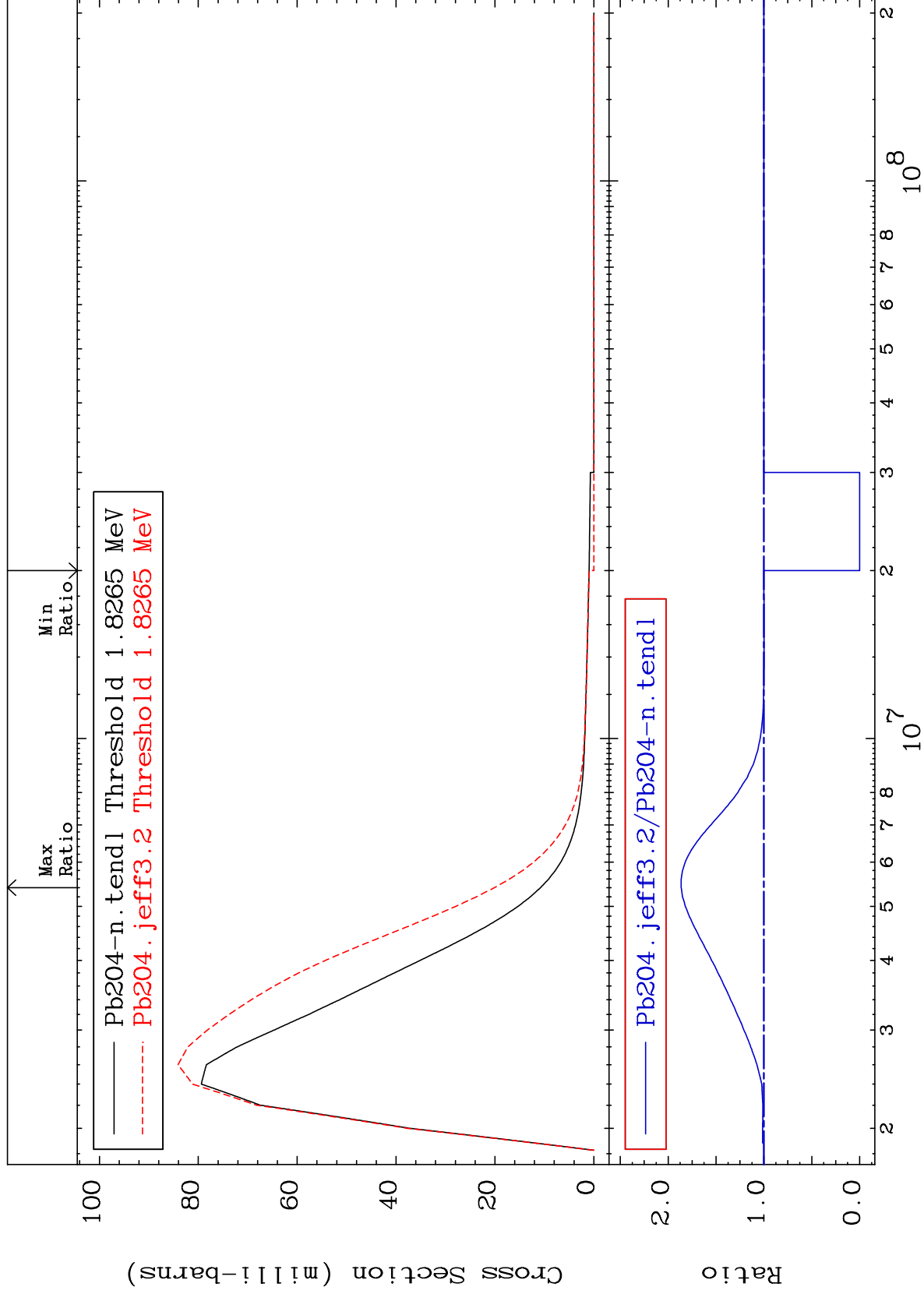


MAT 8225

1.818 MeV (n,n') Level

82-Pb-204

-100.0 To 86.40 %



25

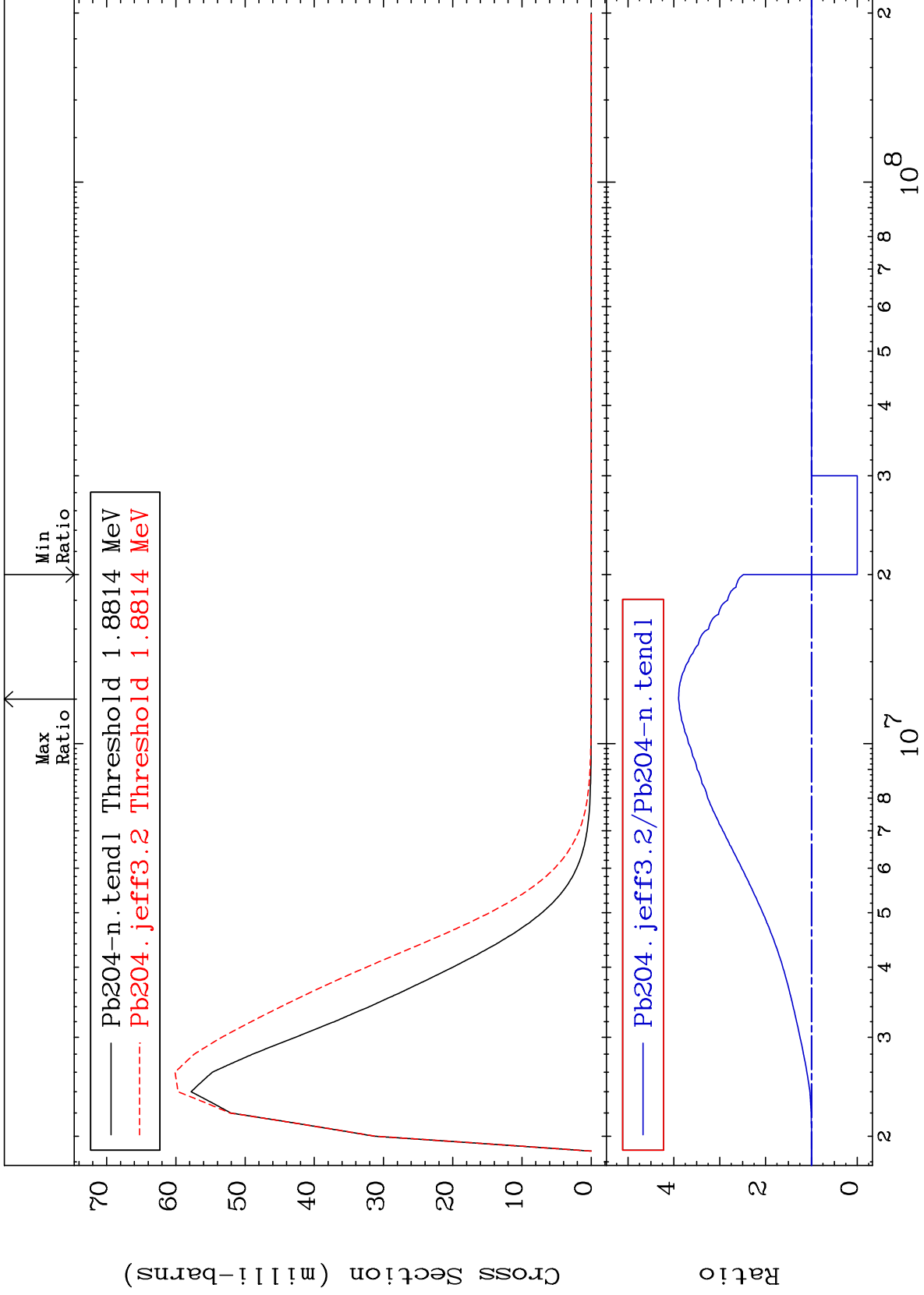
Incident Energy (eV)

82-Pb-204

MAT 8225

1.872 MeV (n,n') Level
Cross Section

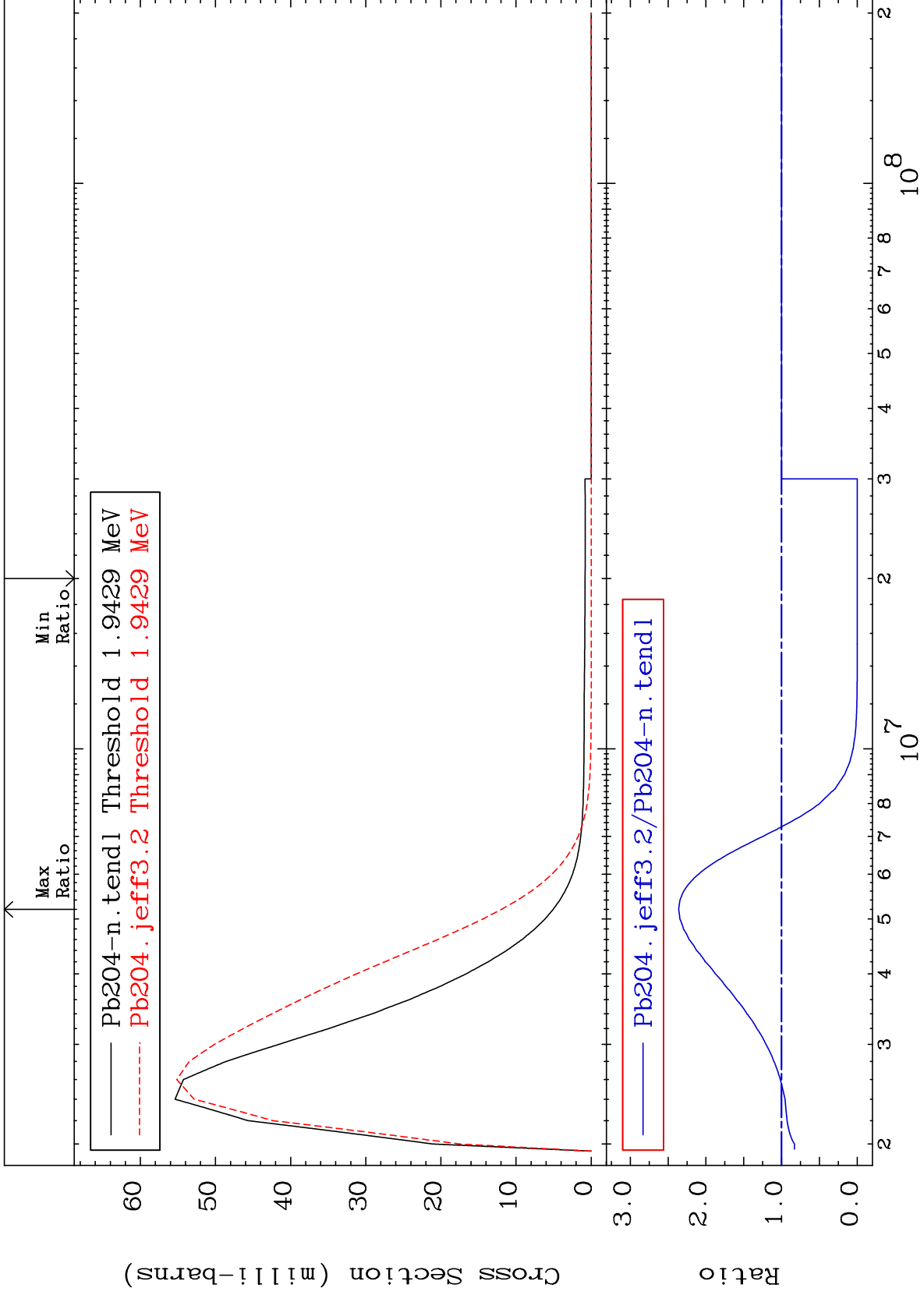
82-Pb-204
-100.0 To 289.5 %



MAT 8225

1.933 MeV (n,n') Level
Cross Section

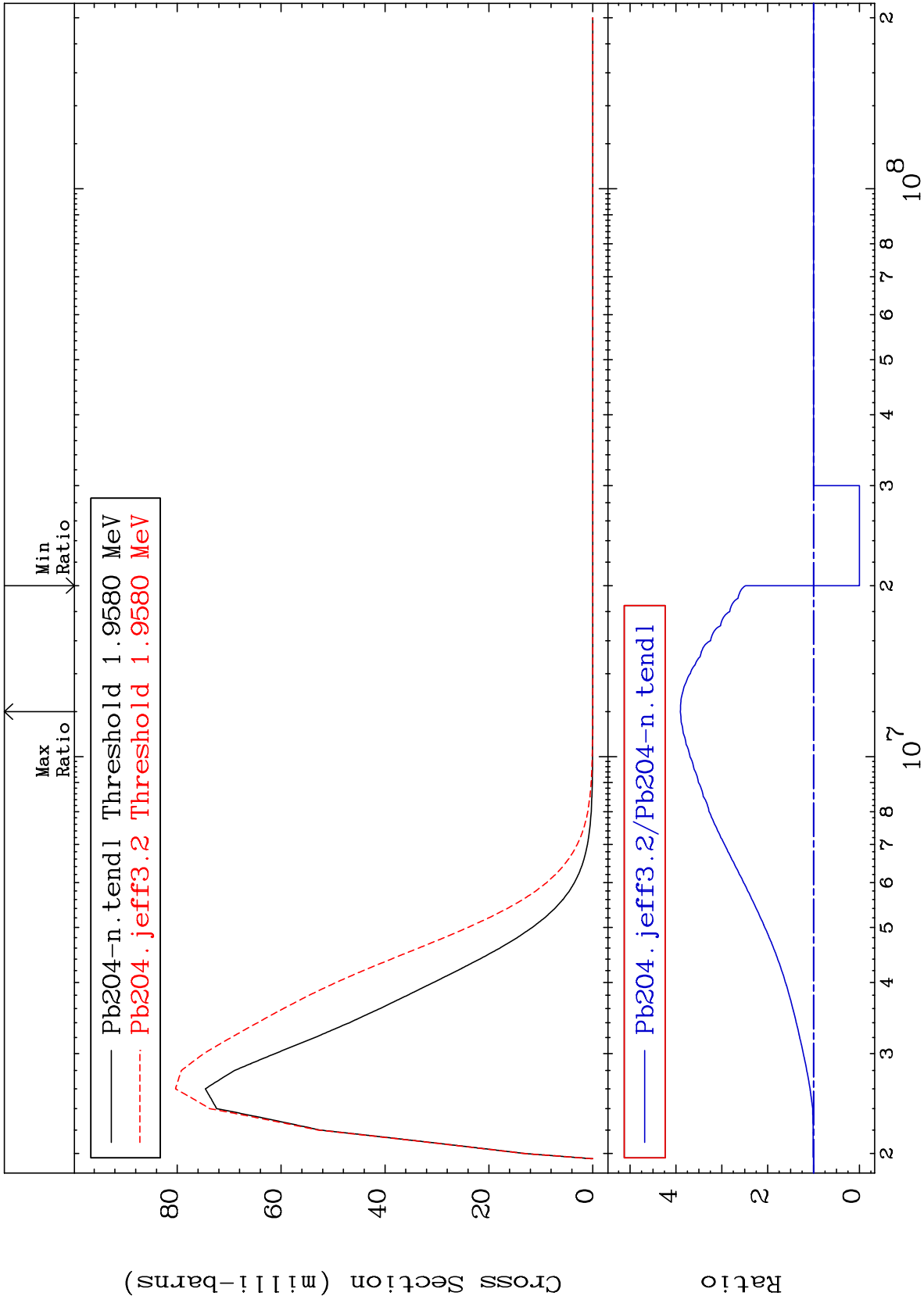
82-Pb-204
-100.0 To 136.1 %



MAT 8225

1.948 MeV (n,n') Level
Cross Section

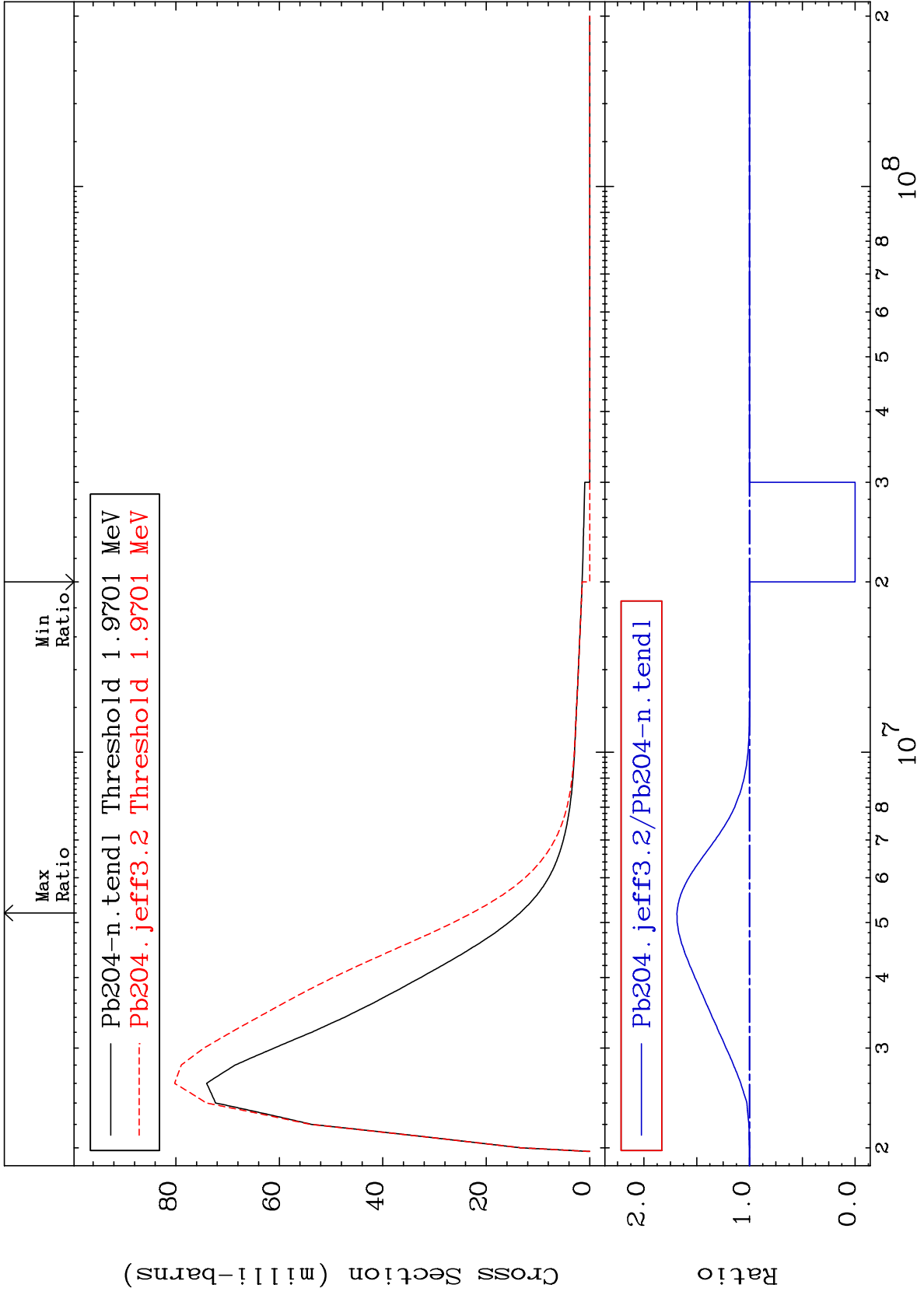
82-Pb-204
-100.0 To 290.4 %



MAT 8225

1.960 MeV (n,n') Level
Cross Section

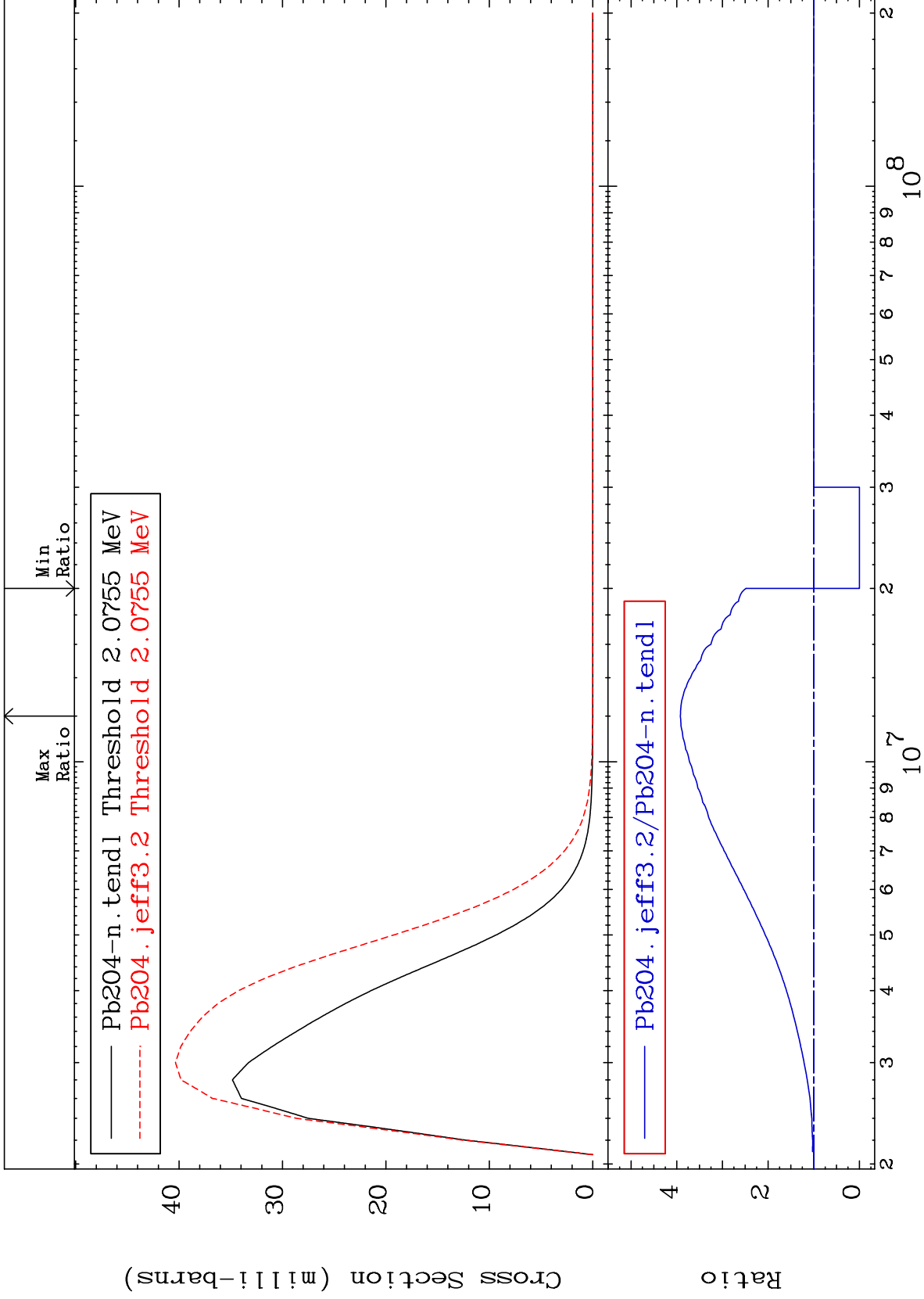
82-Pb-204
-100.0 To 68.79 %



MAT 8225

2.065 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 292.0 %



30

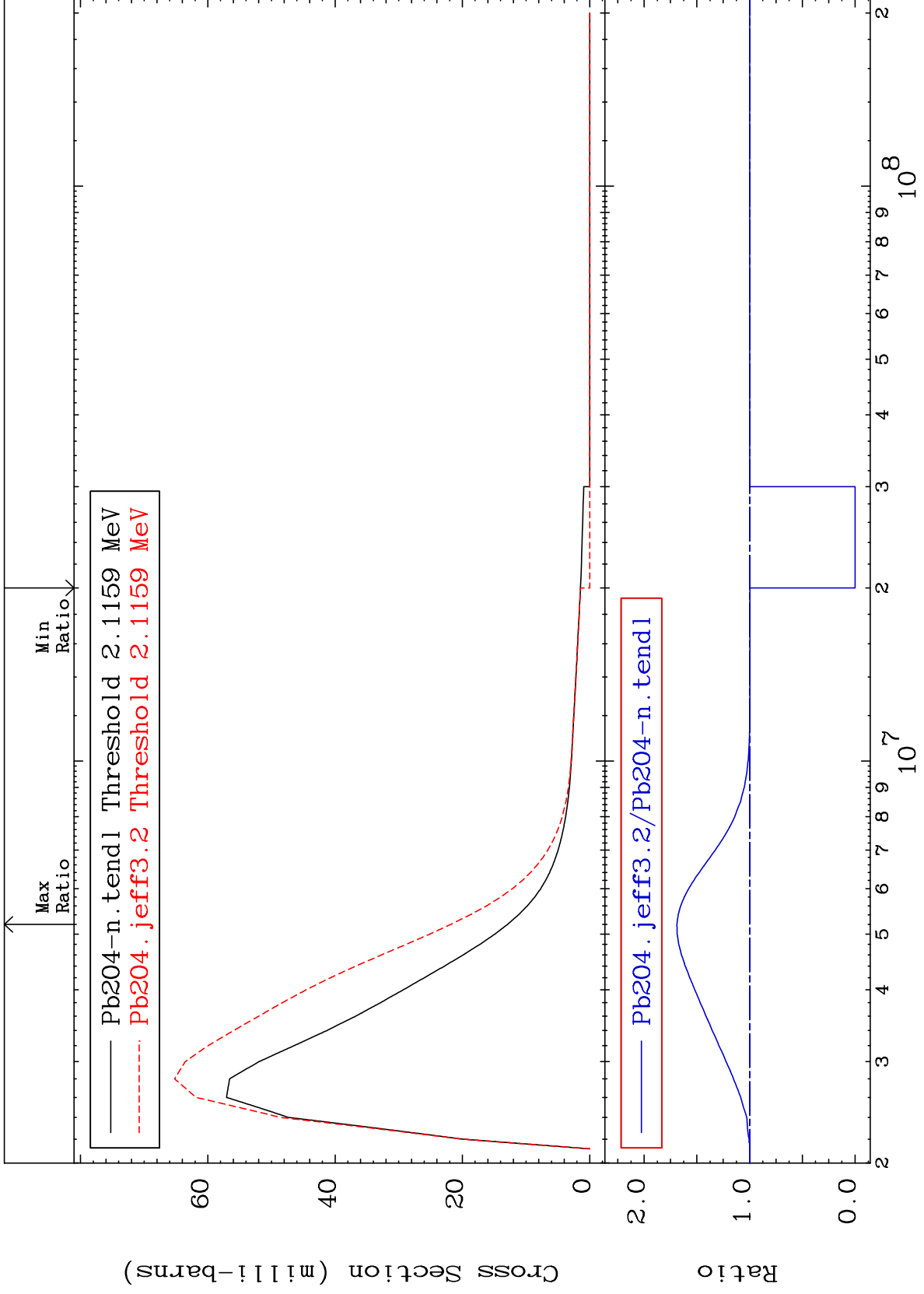
Incident Energy (eV)

82-Pb-204

MAT 8225

2.105 MeV (n,n') Level
Cross Section

82-Pb-204
-100.0 To 68.92 %

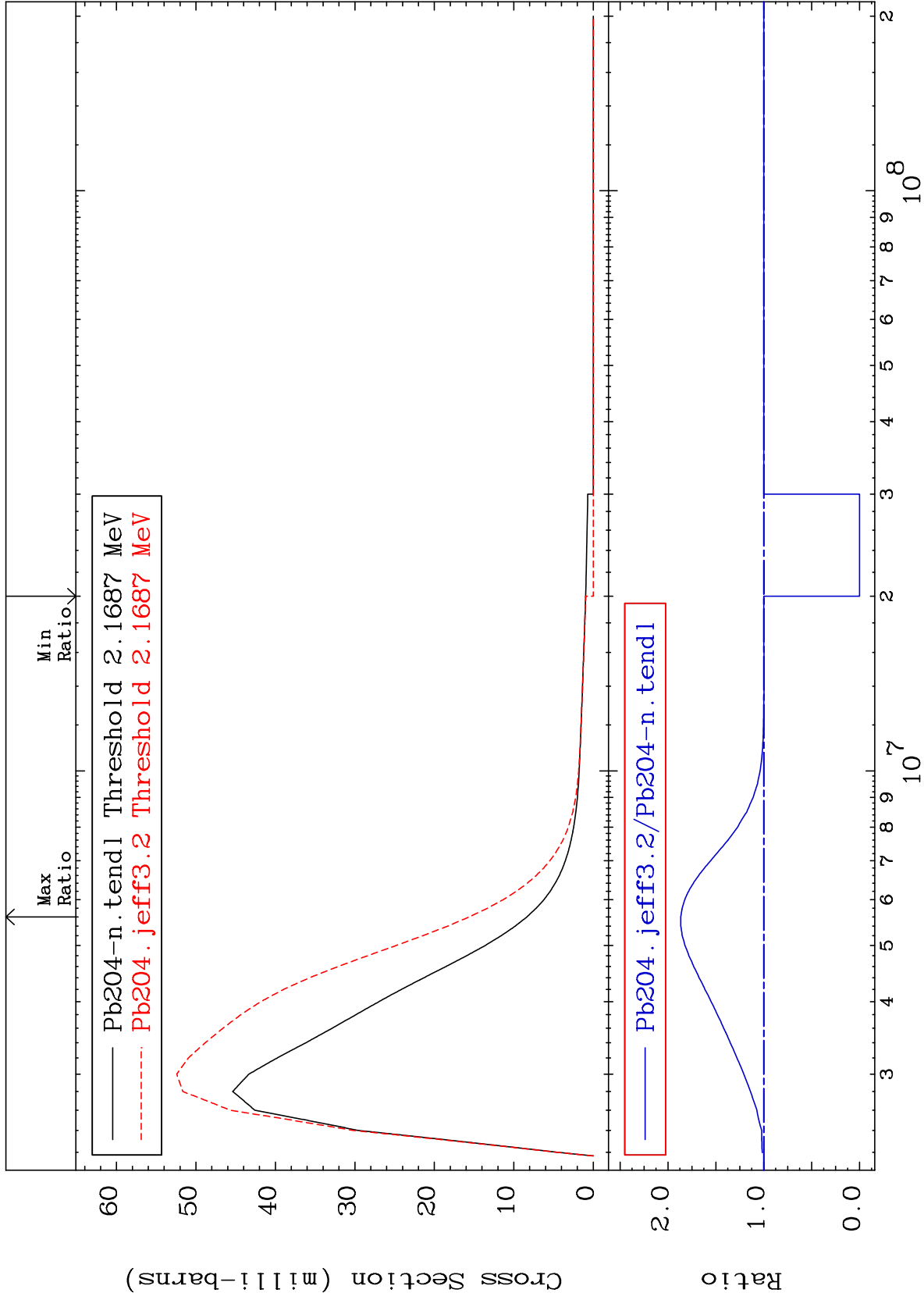


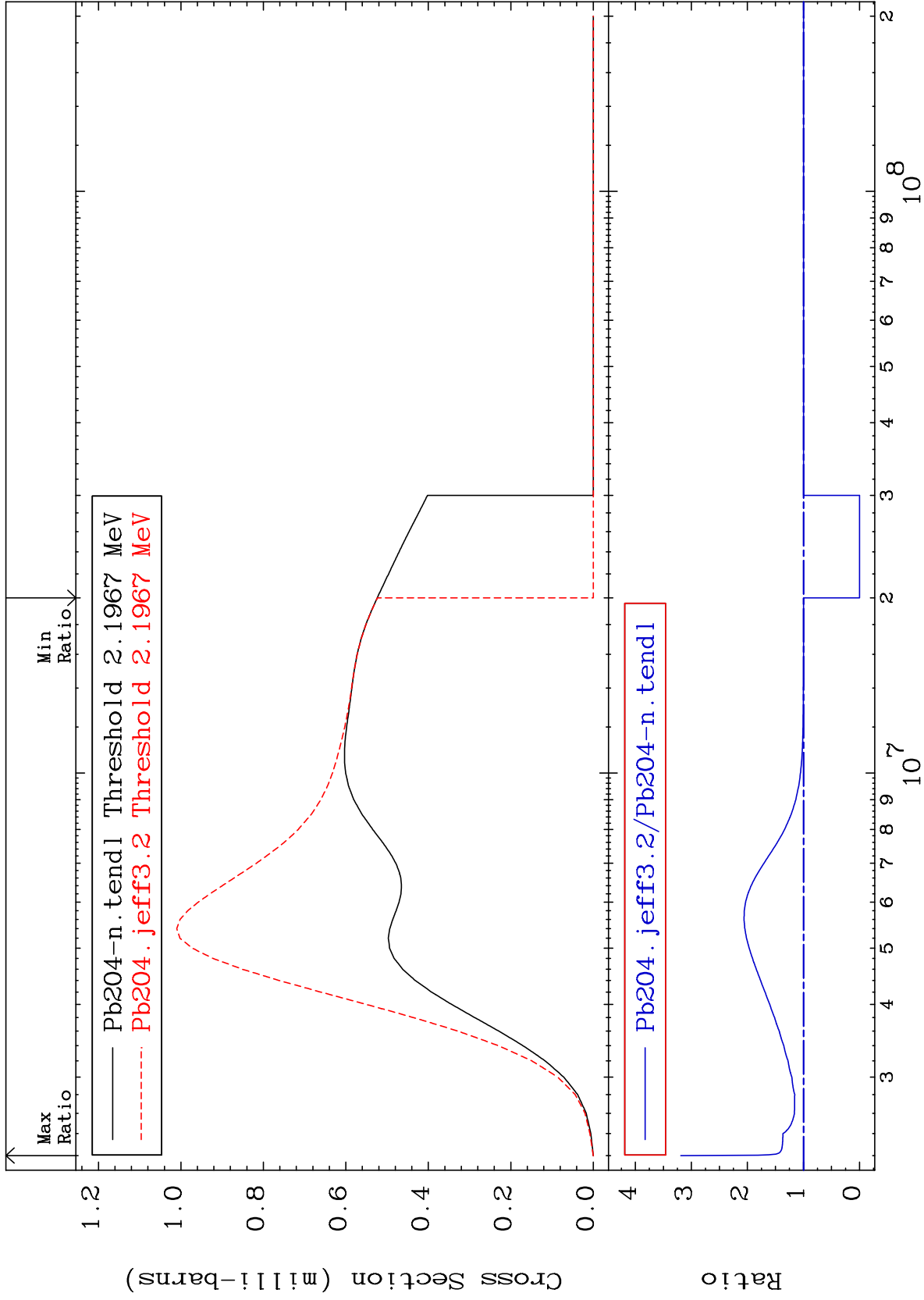
MAT 8225

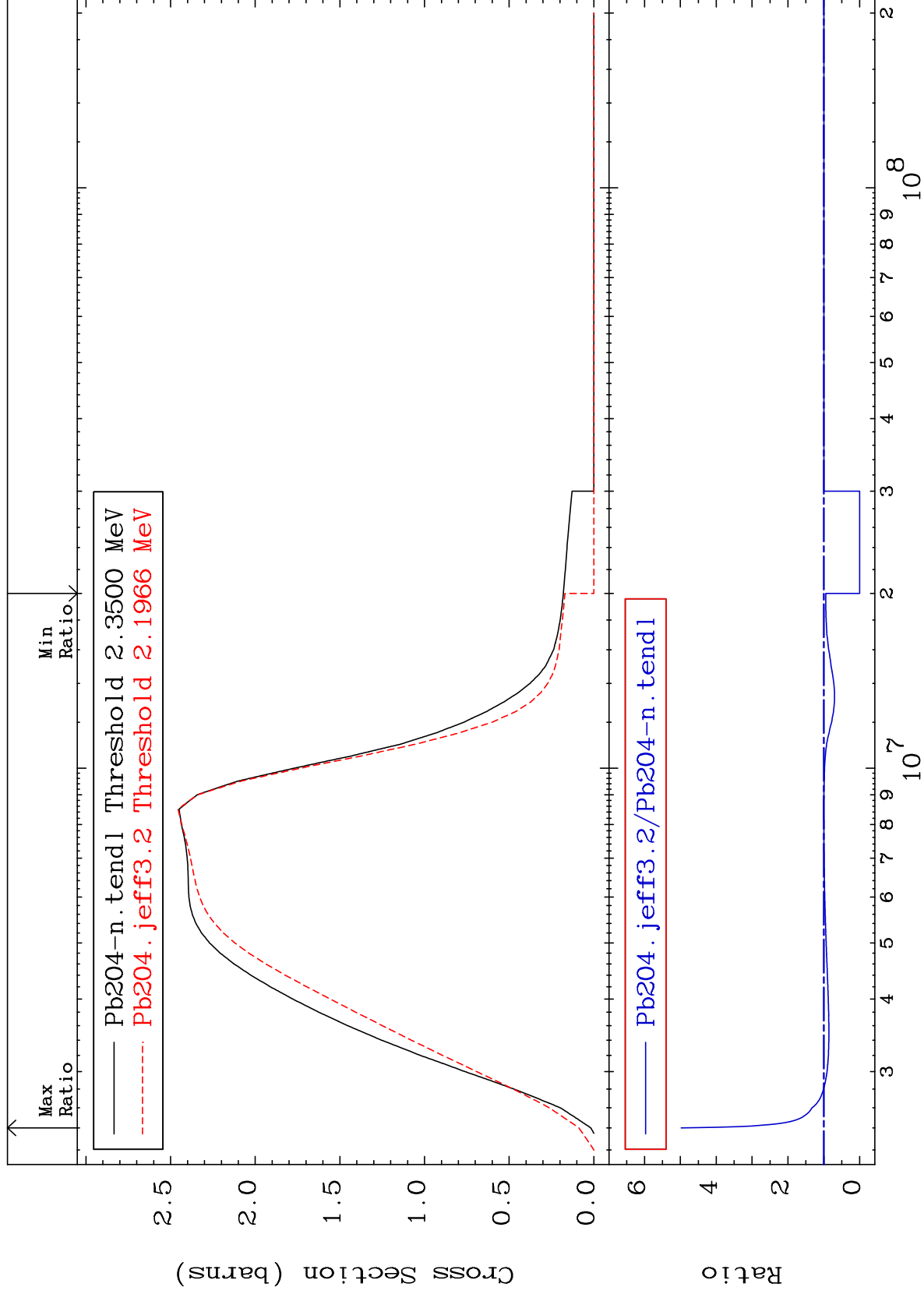
2.158 MeV (n,n') Level

82-Pb-204

-100.0 To 86.68 %





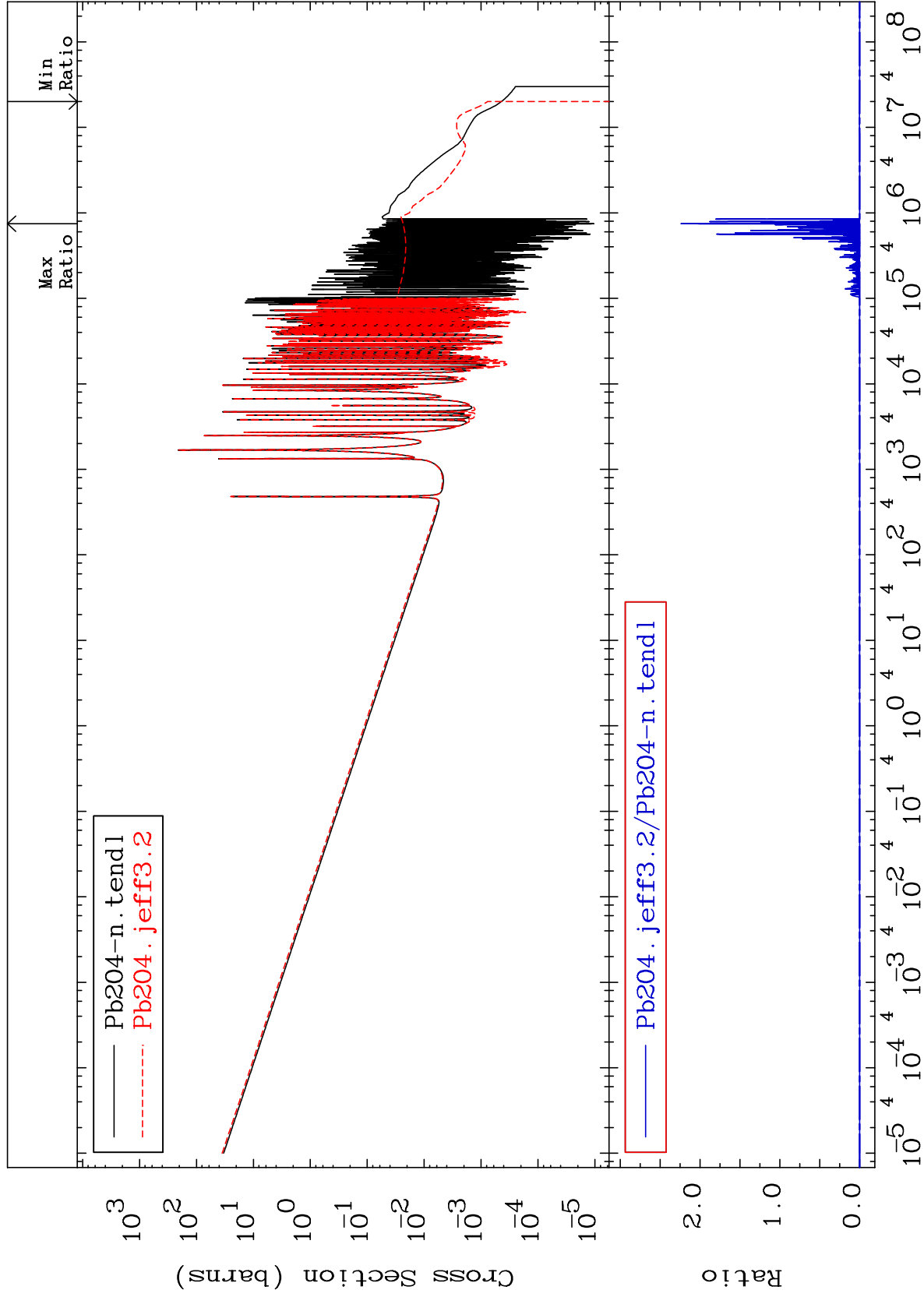


MAT 8225

(n, γ)
Cross Section

82-Pb-204

-100.0 To 9999. %



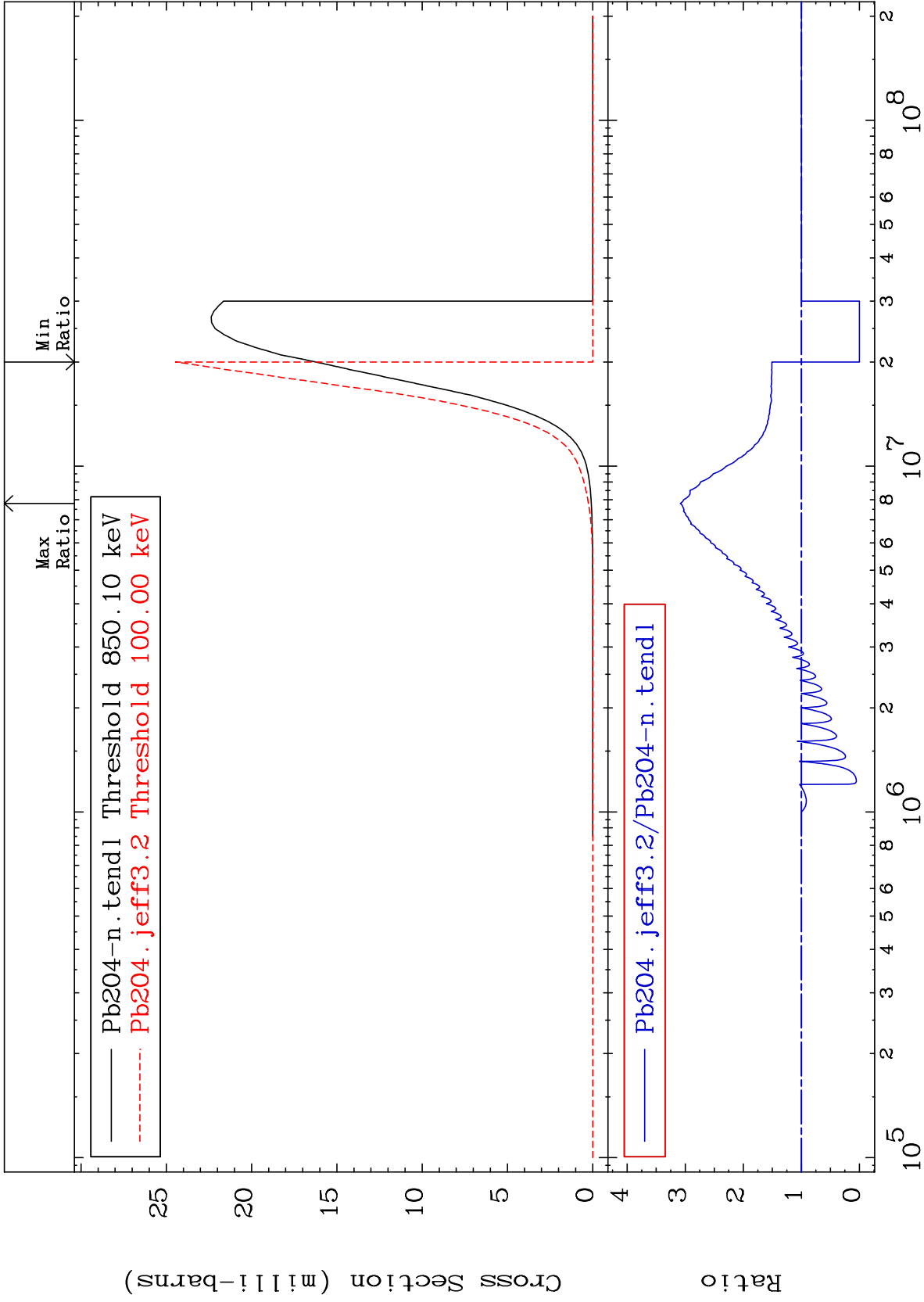
Incident Energy (eV)

82-Pb-204

35

MAT 8225

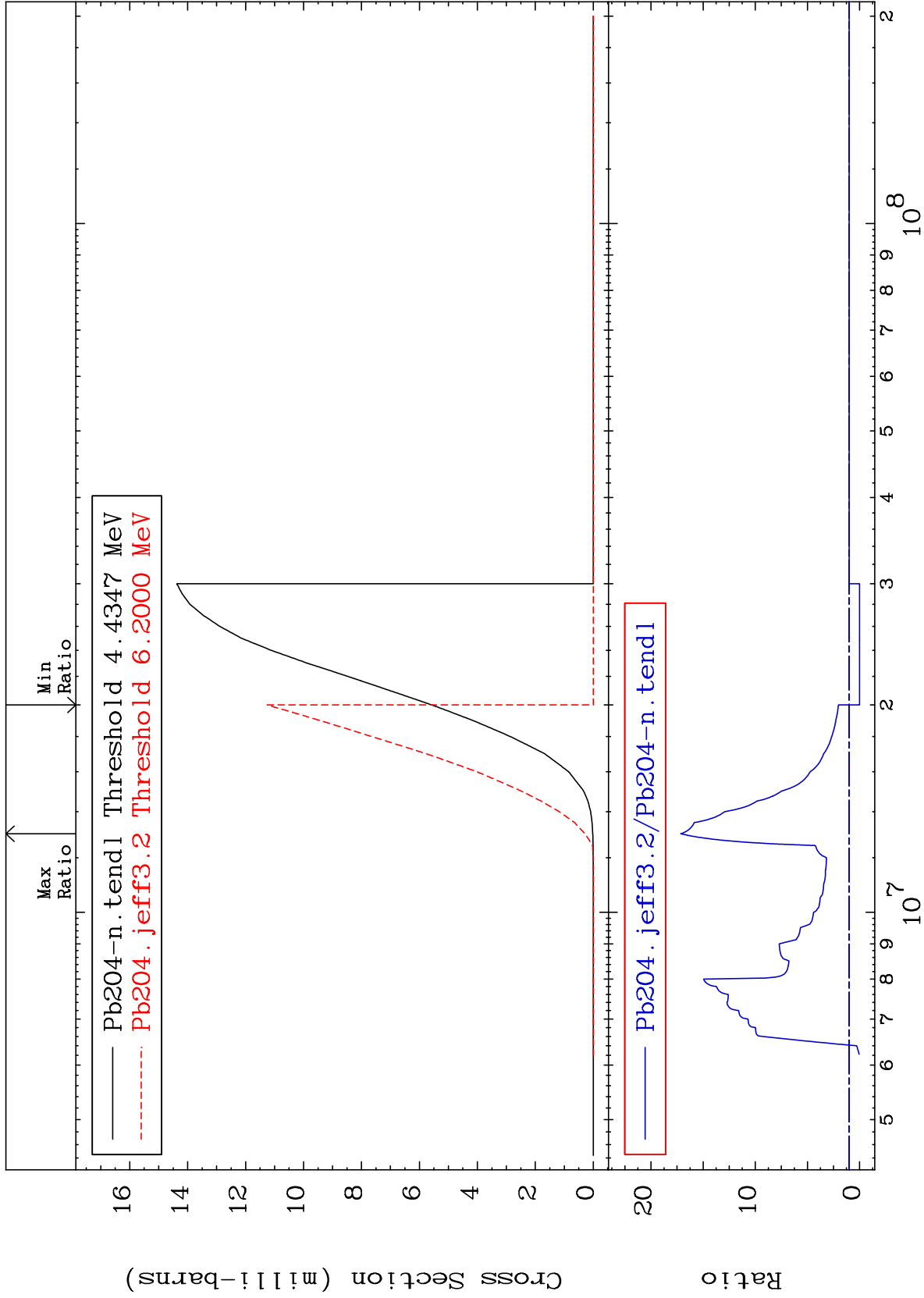
(n, p)
Cross Section
82-Pb-204
-100.0 To 208.4 %

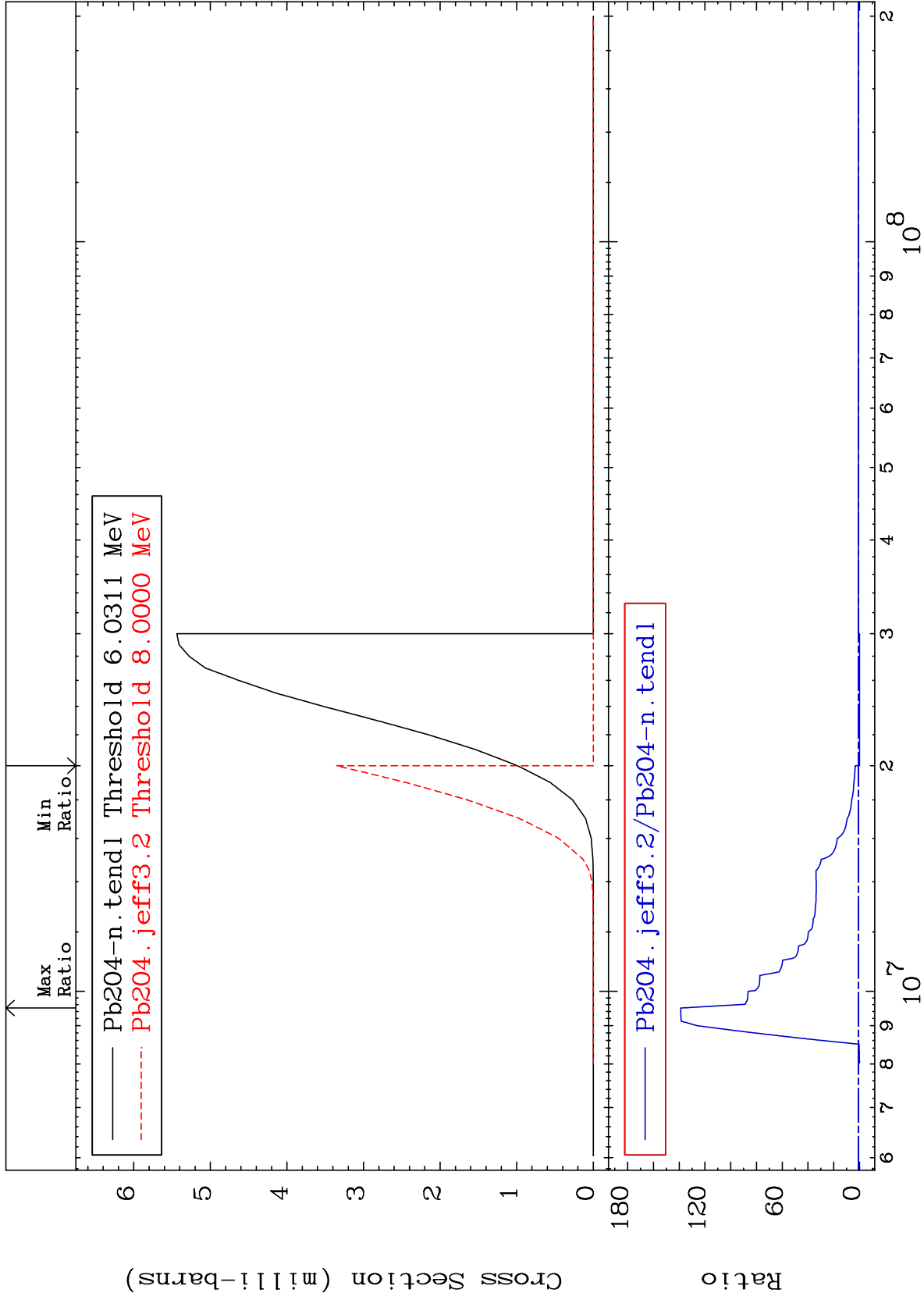


36

Incident Energy (eV)

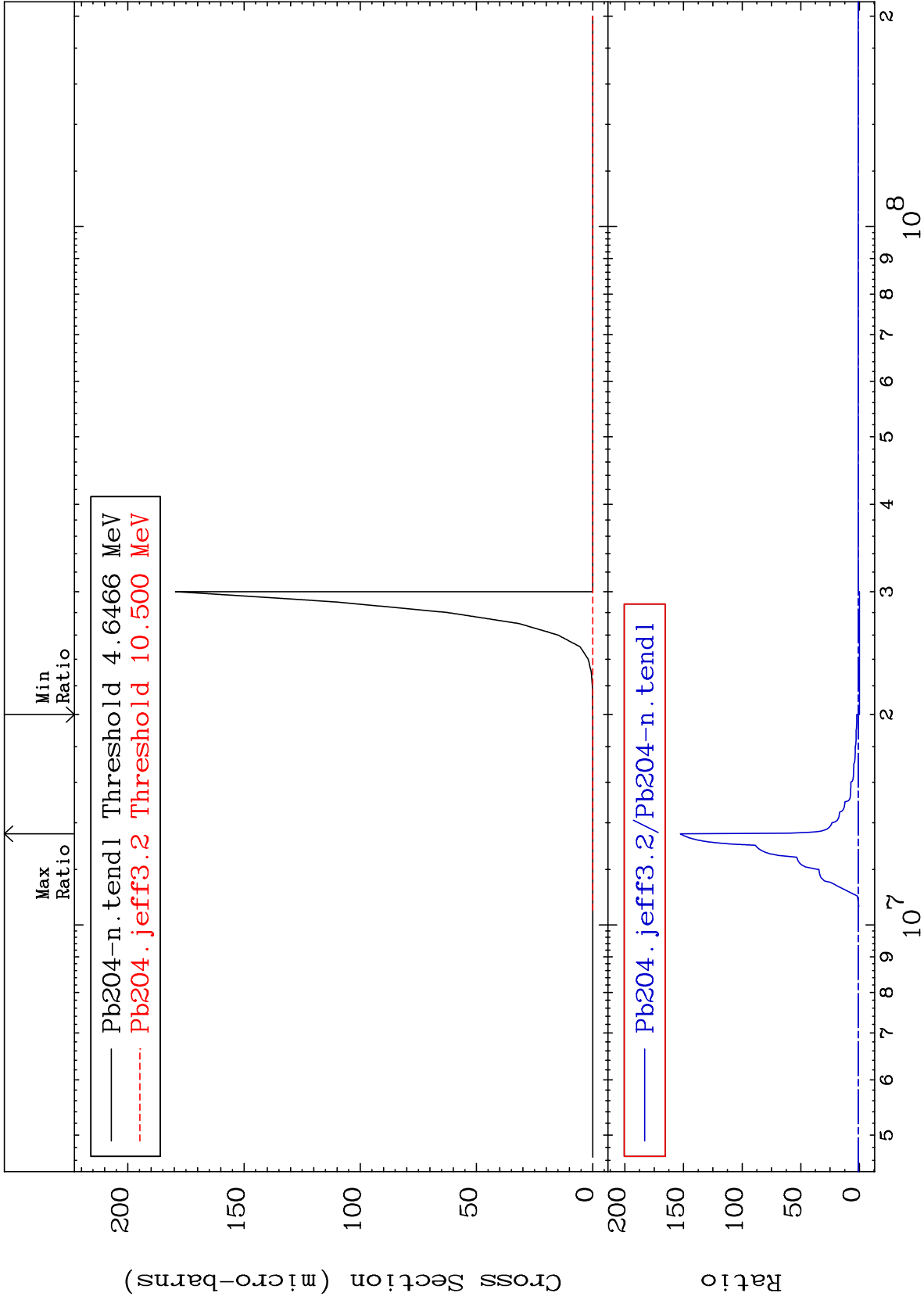
82-Pb-204





Cross Section

-100.0 To 9999. %



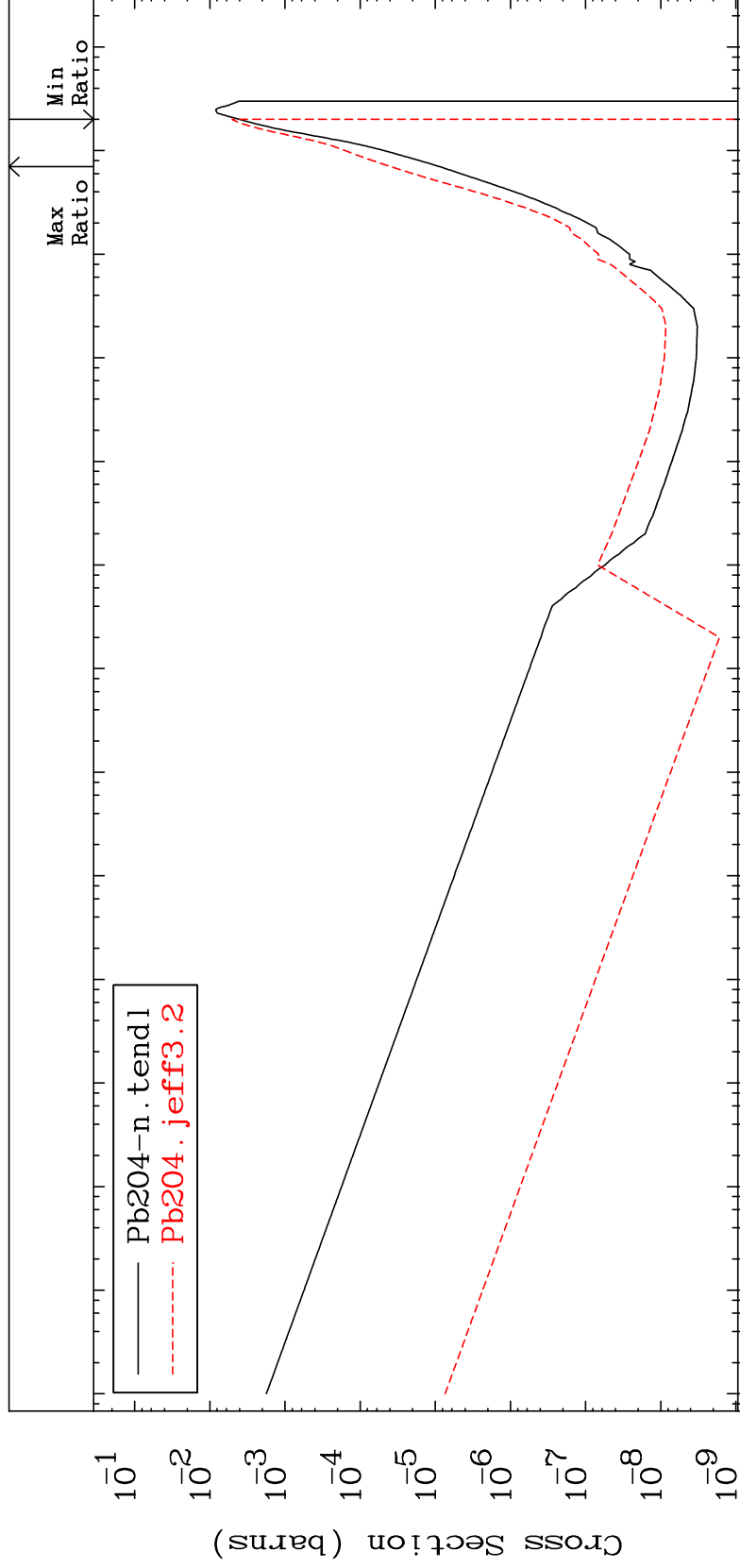
MAT 8225

(n, α)

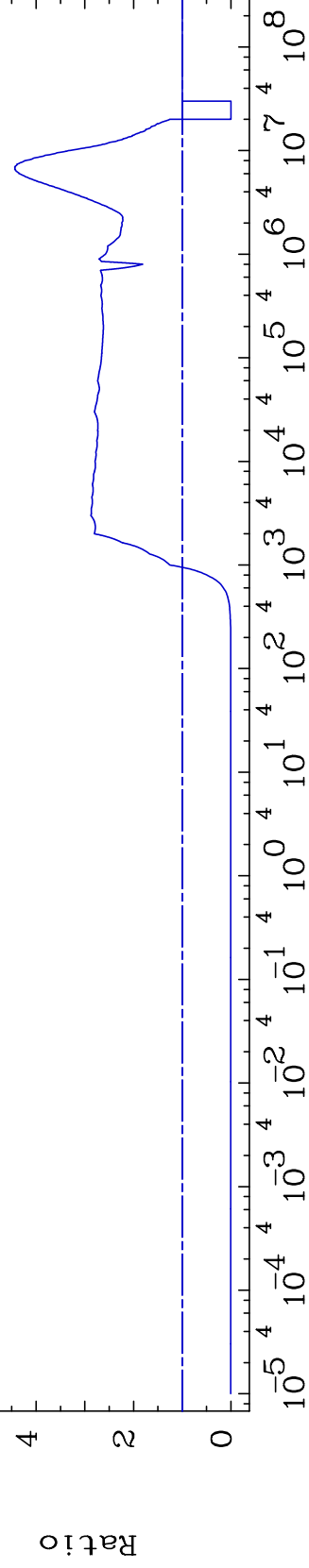
82-Pb-204

Cross Section

-100.0 To 344.4 %

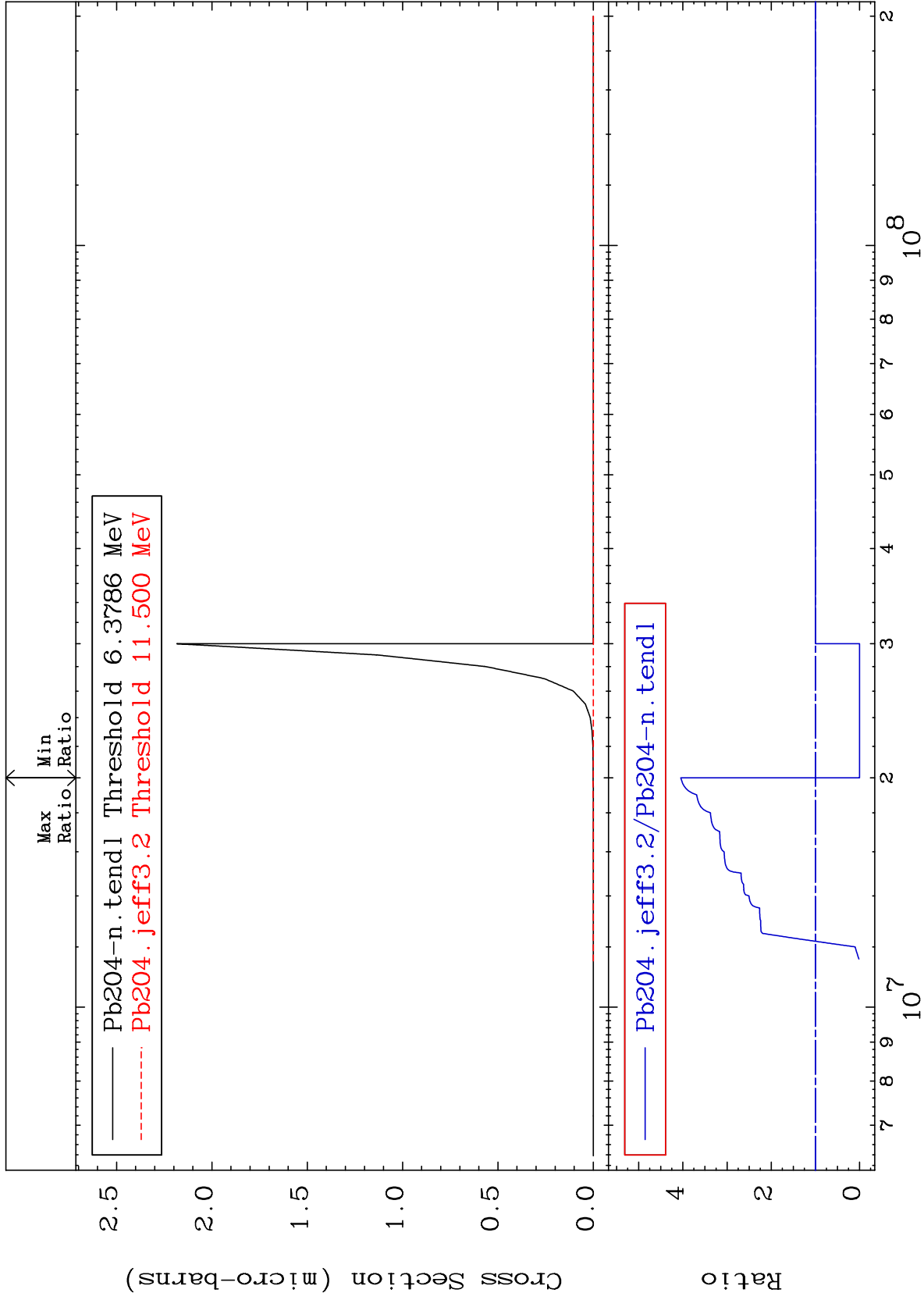


Pb204.jeff3.2/Pb204-n.tendl



40

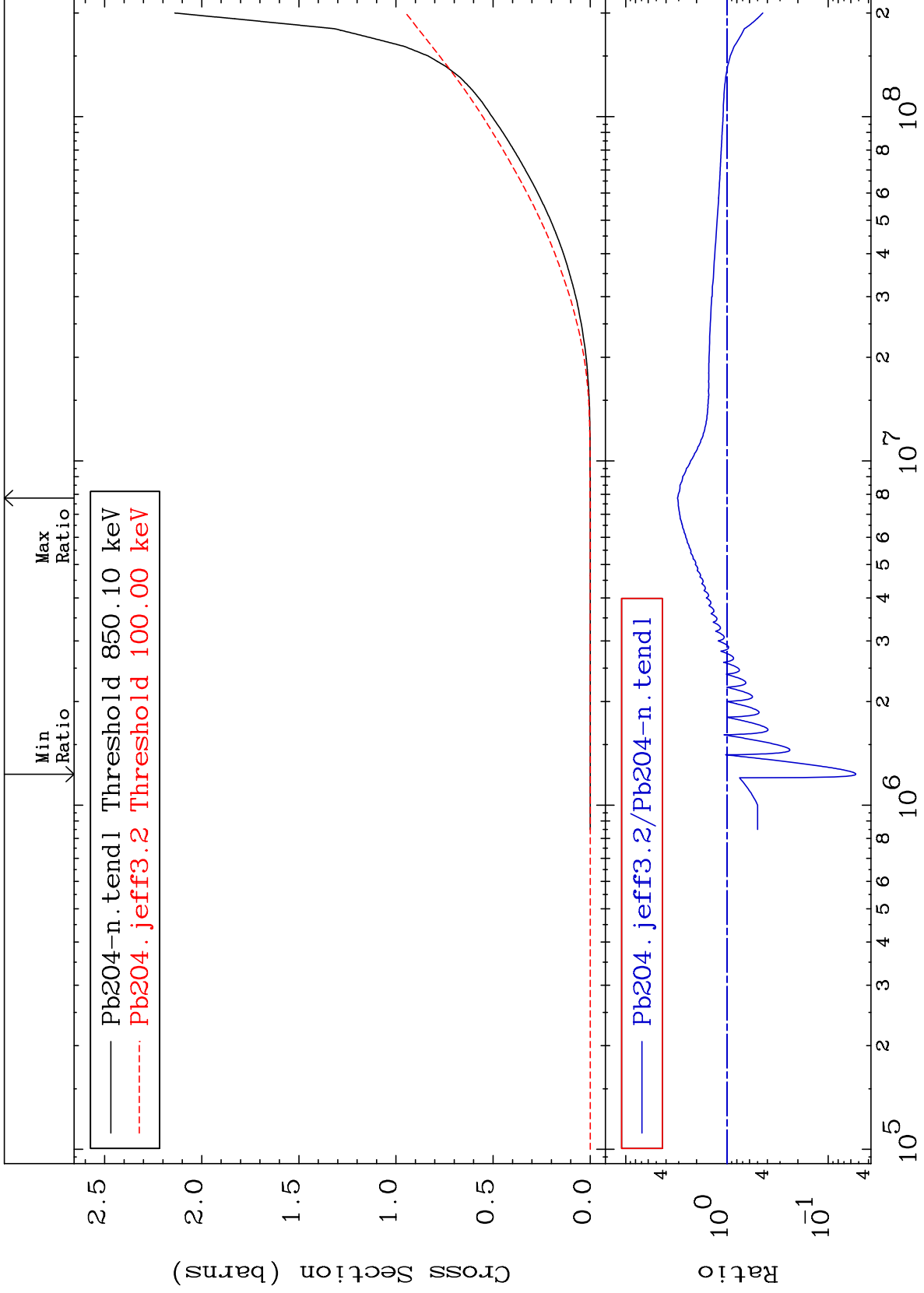
82-Pb-204



MAT 8225

Hydrogen Production
Cross Section

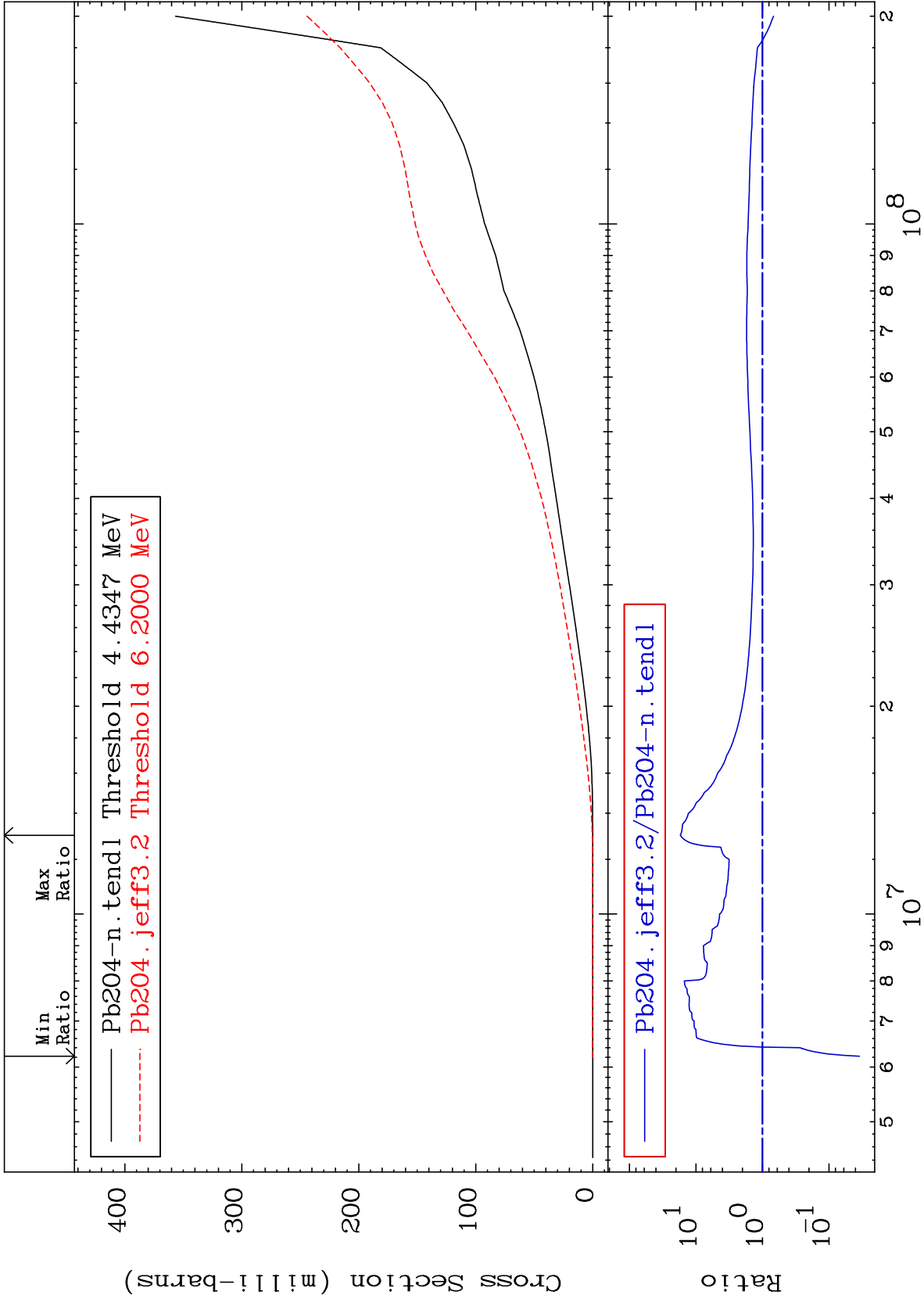
82-Pb-204
-94.65 To 208.4 %

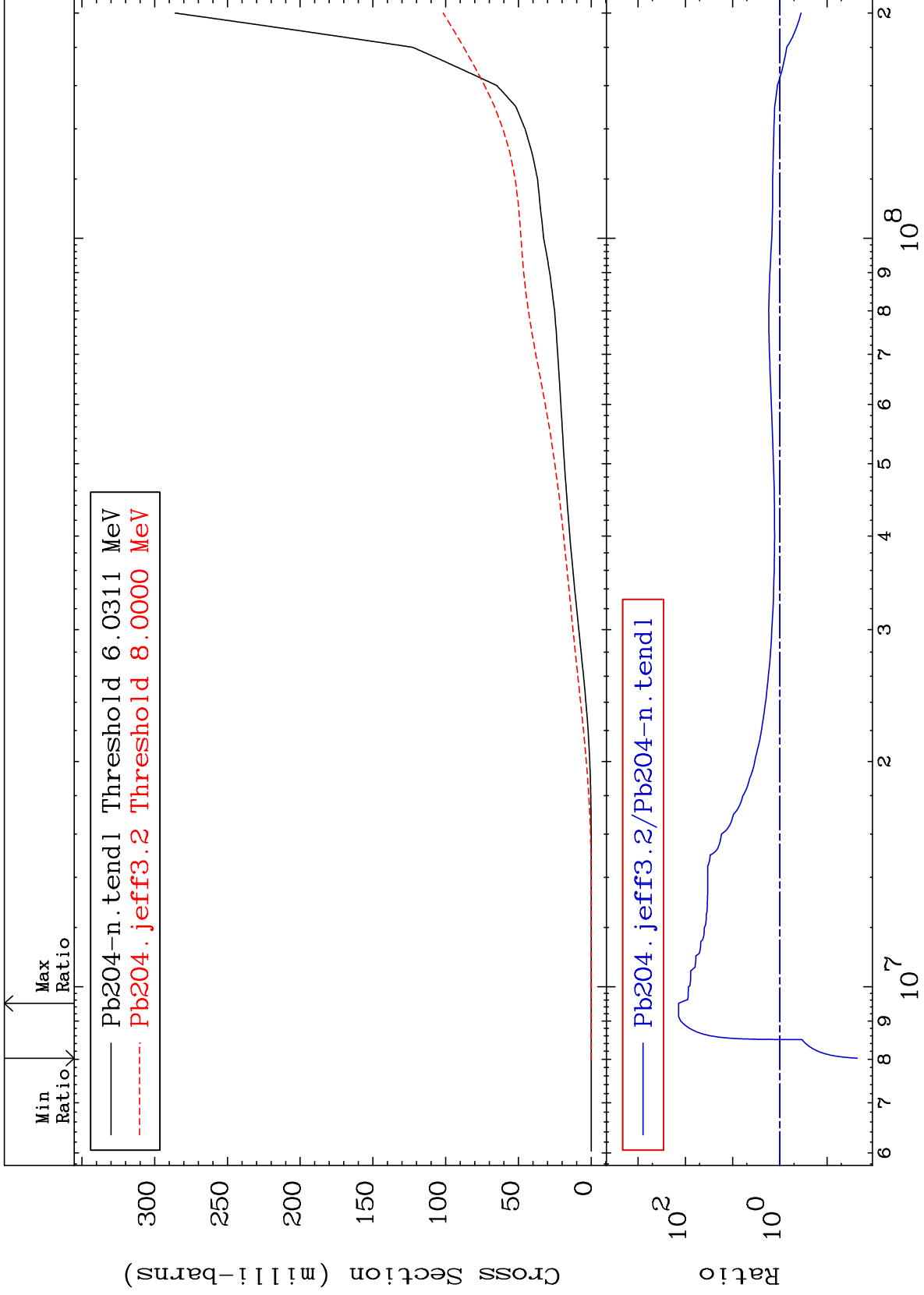


42

Incident Energy (eV)

82-Pb-204

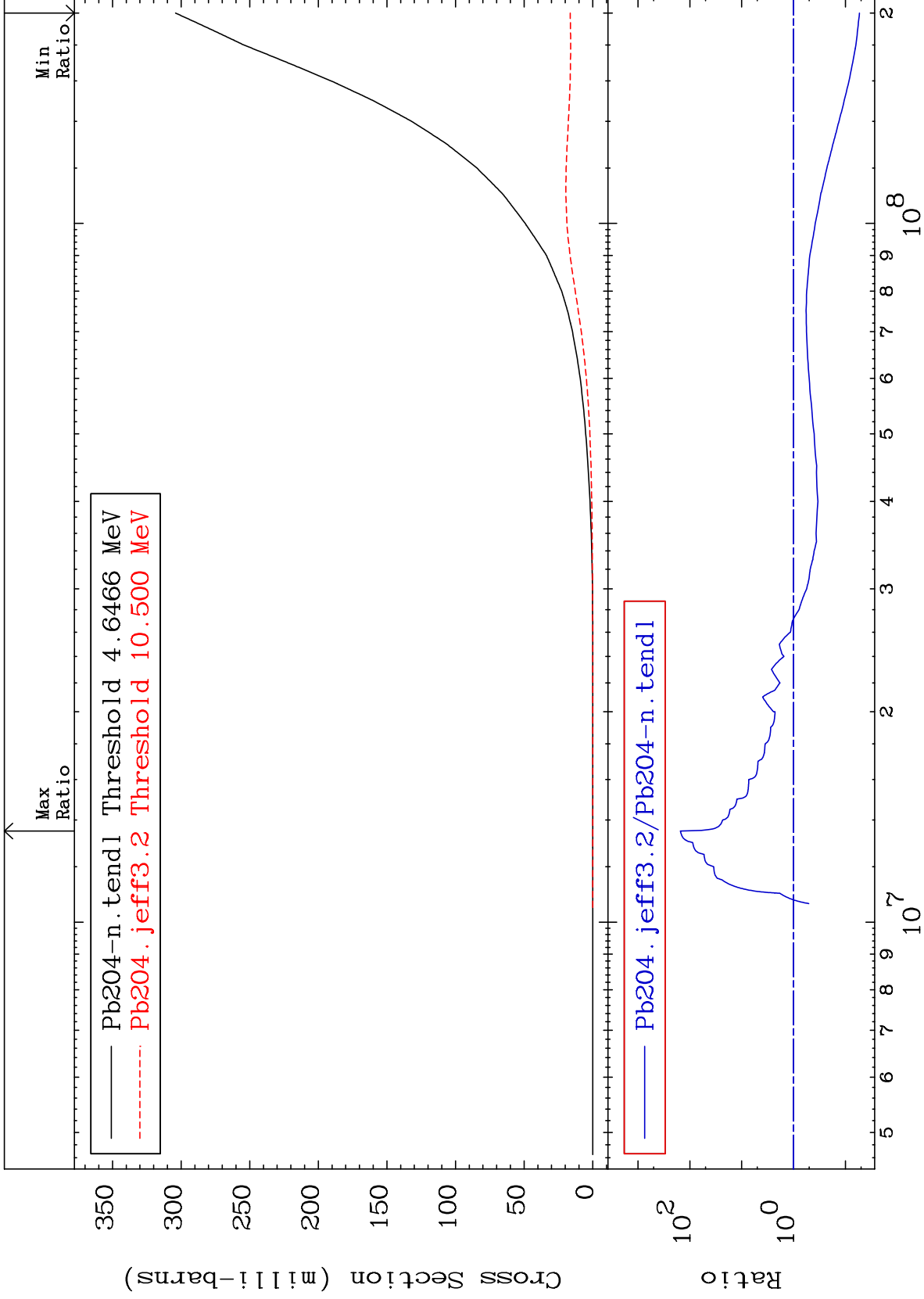




MAT 8225

He-3 Production
Cross Section

82-Pb-204
-94.60 To 9999. %



45

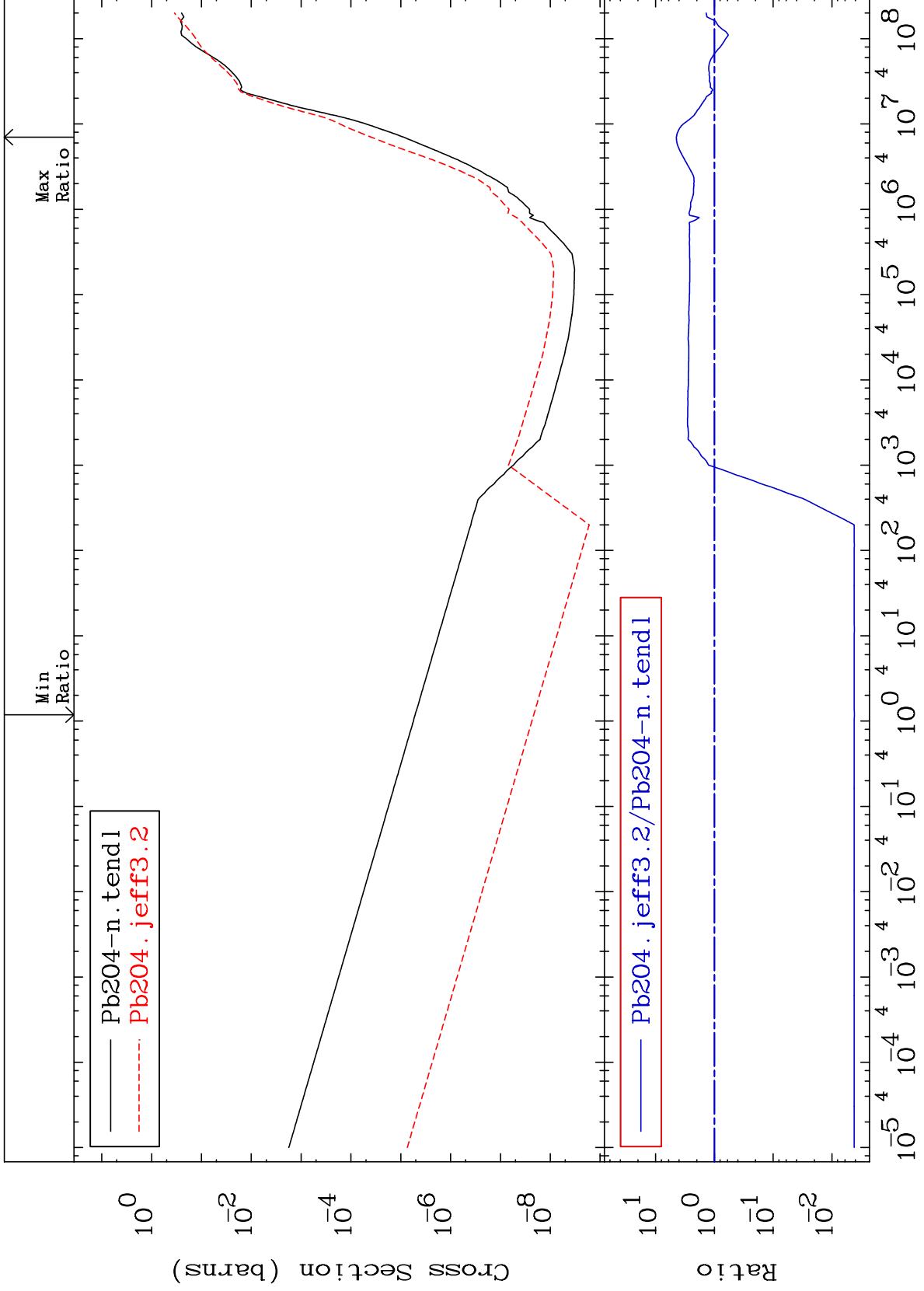
Incident Energy (eV)

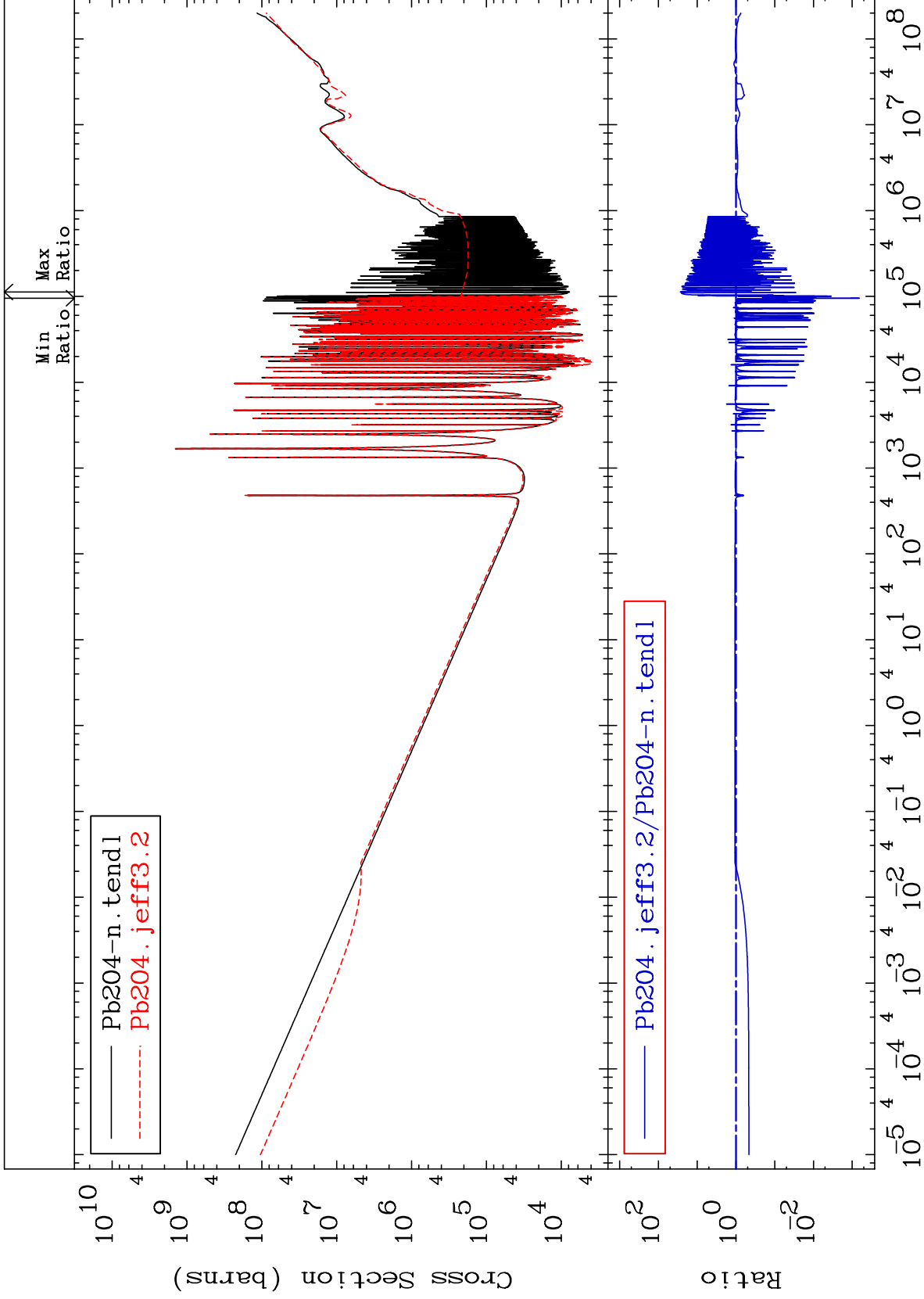
82-Pb-204

MAT 8225

He-4 Production
Cross Section

82-Pb-204
-99.58 To 344.4 %

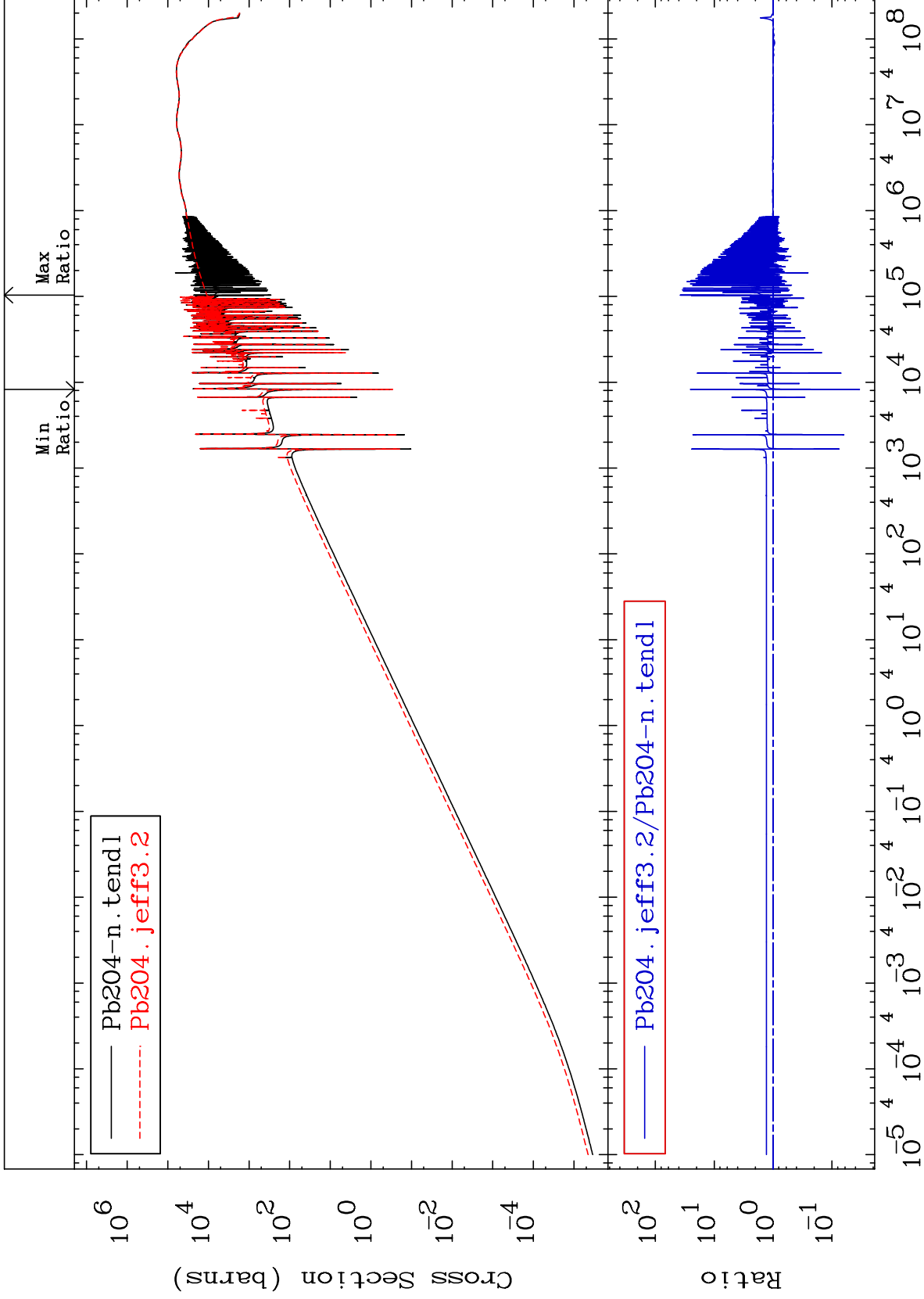


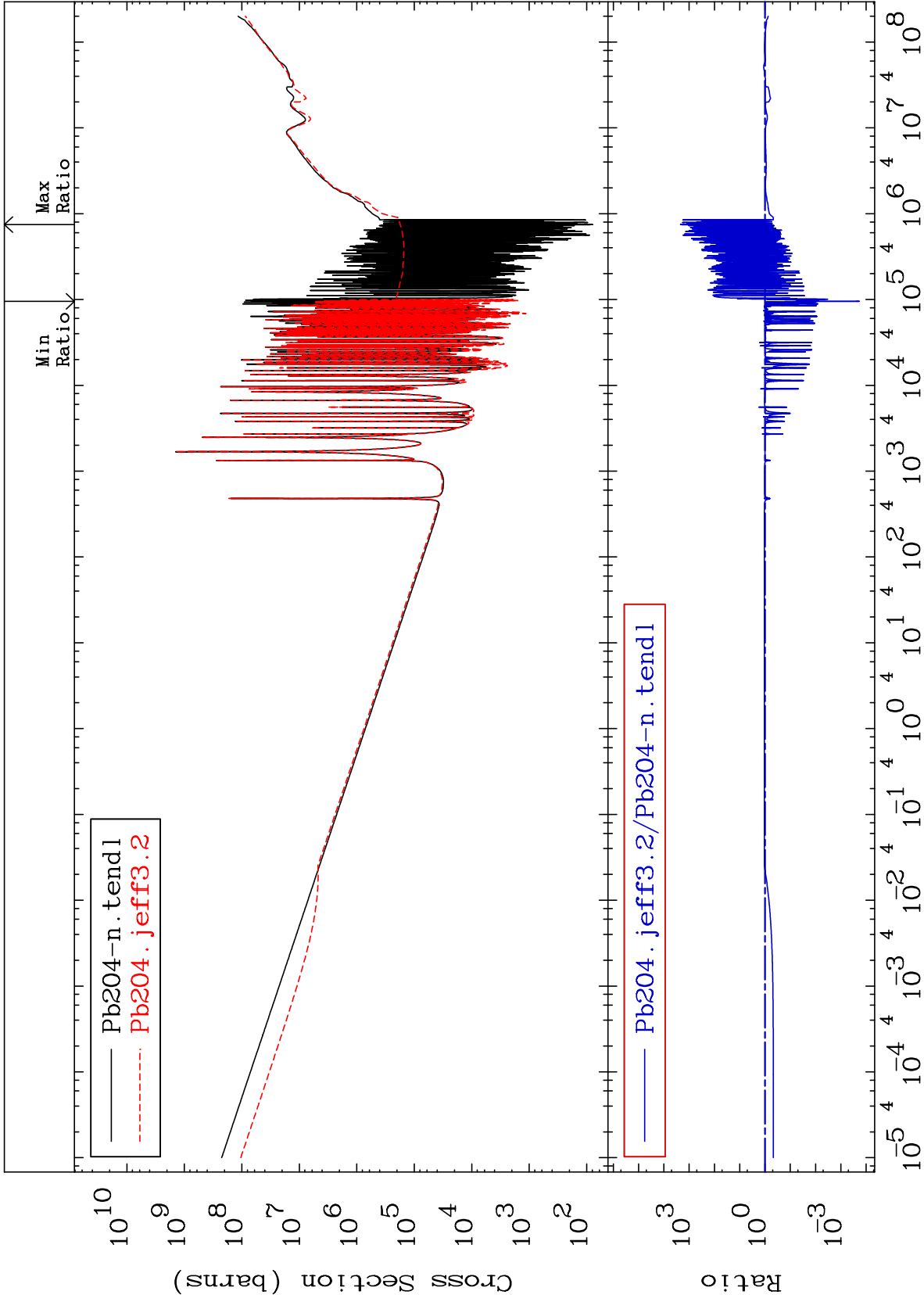


MAT 8225

Kerma elastic
Cross Section

82-Pb-204
-96.59 To 3660. %

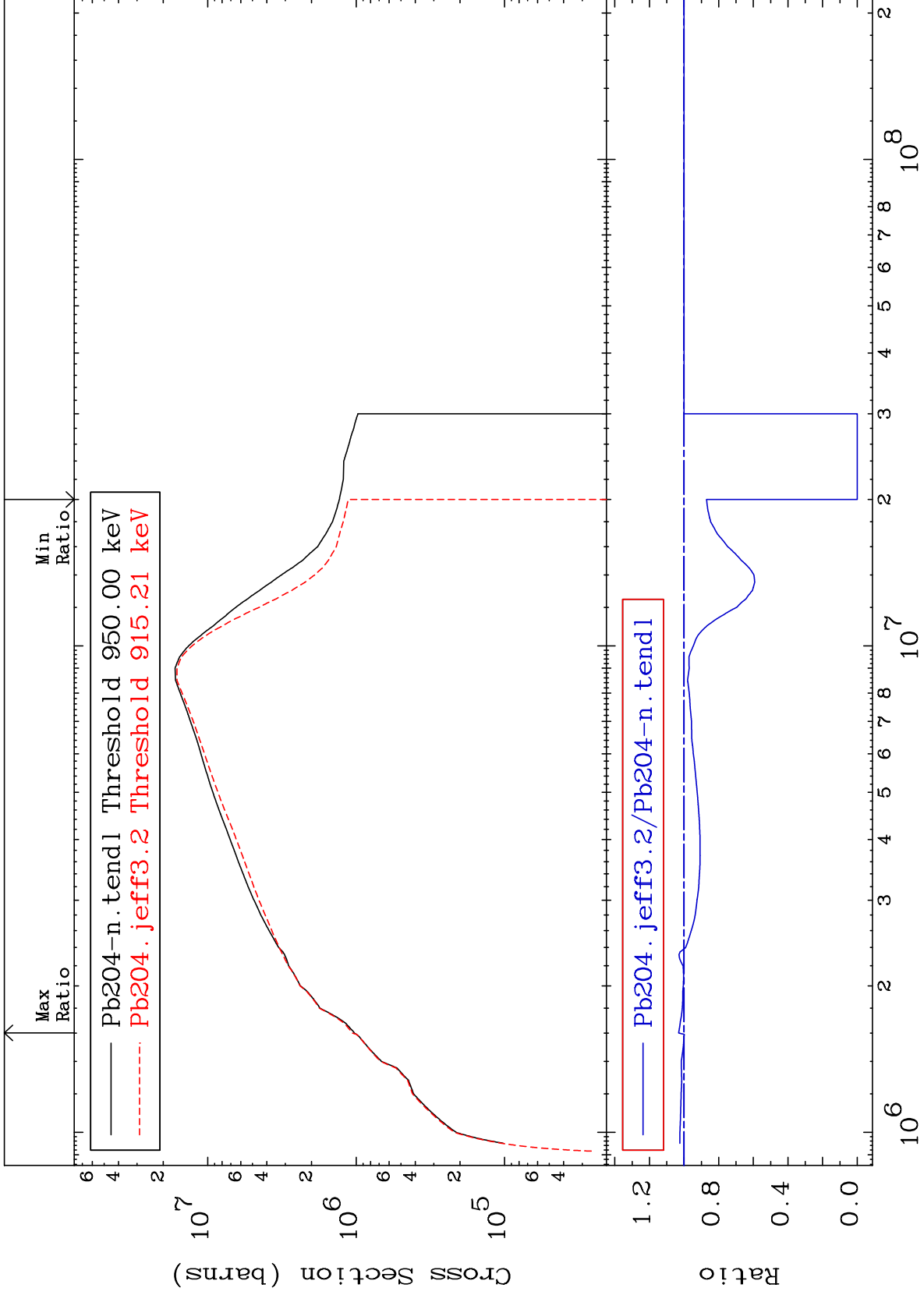




MAT 8225

Kerma inelastic (mt51-91)
Cross Section

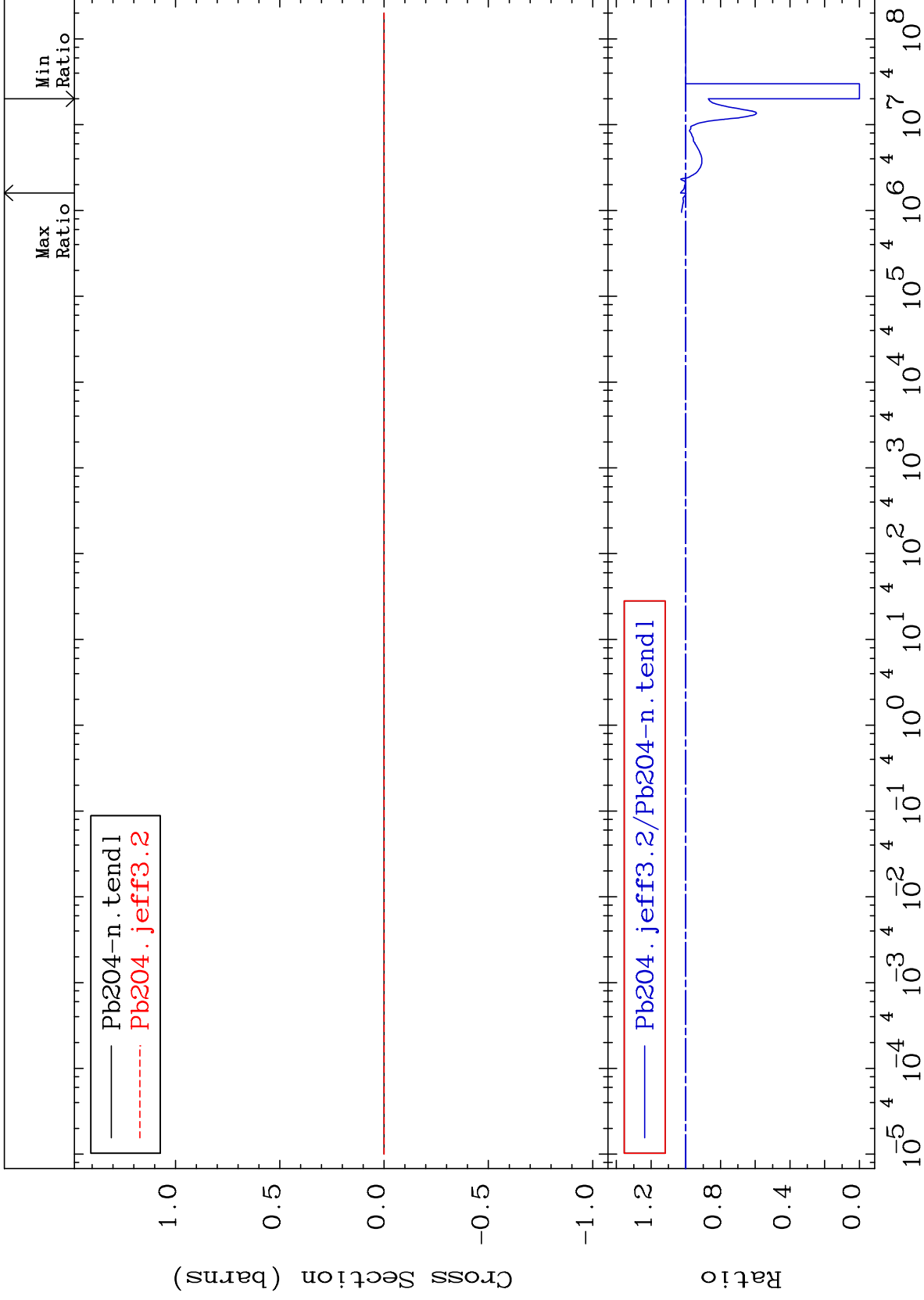
82-Pb-204
-100.0 To 3.144 %



50

82-Pb-204

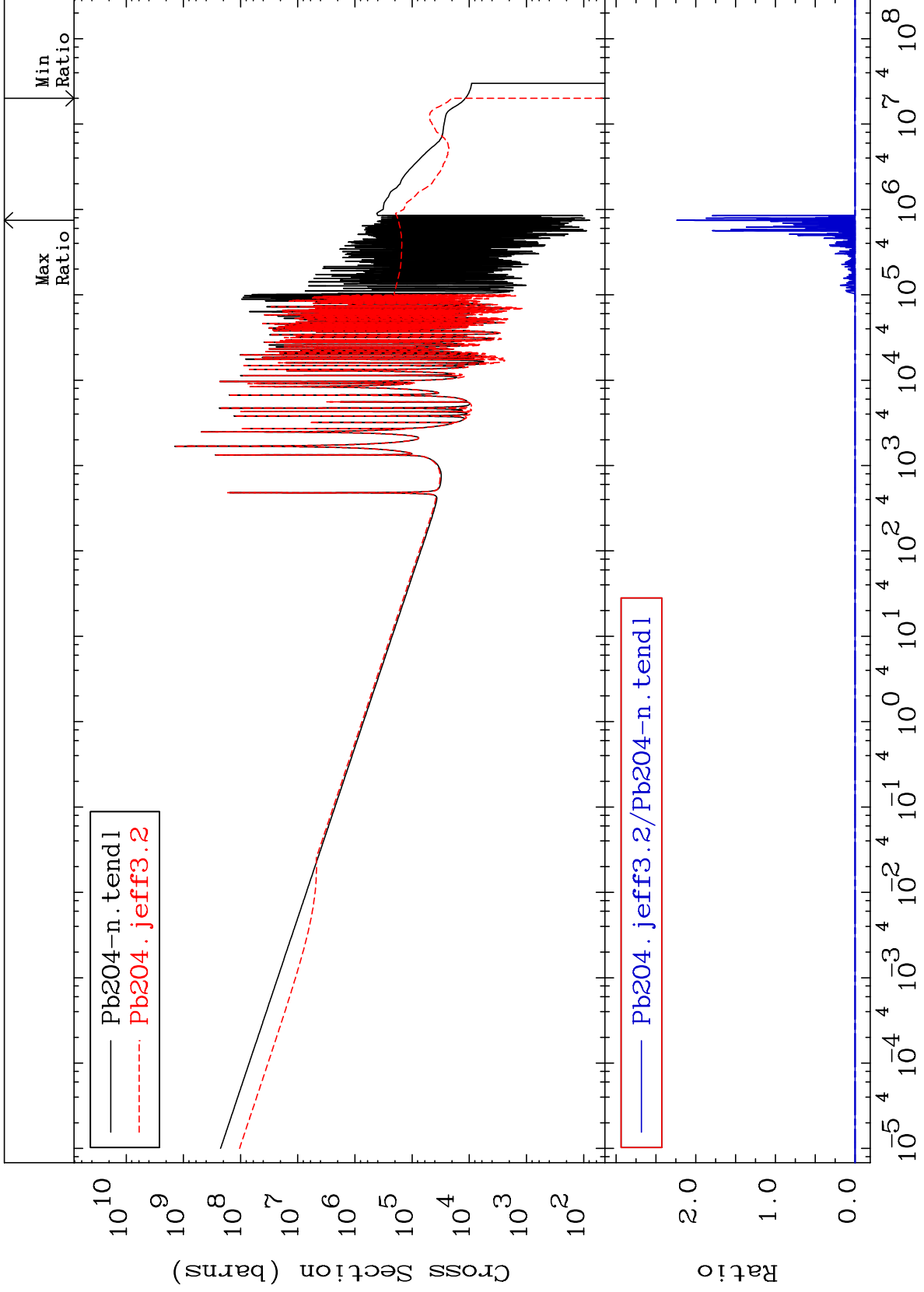
82-Pb-204



MAT 8225

Kerma capture (mt102)
Cross Section

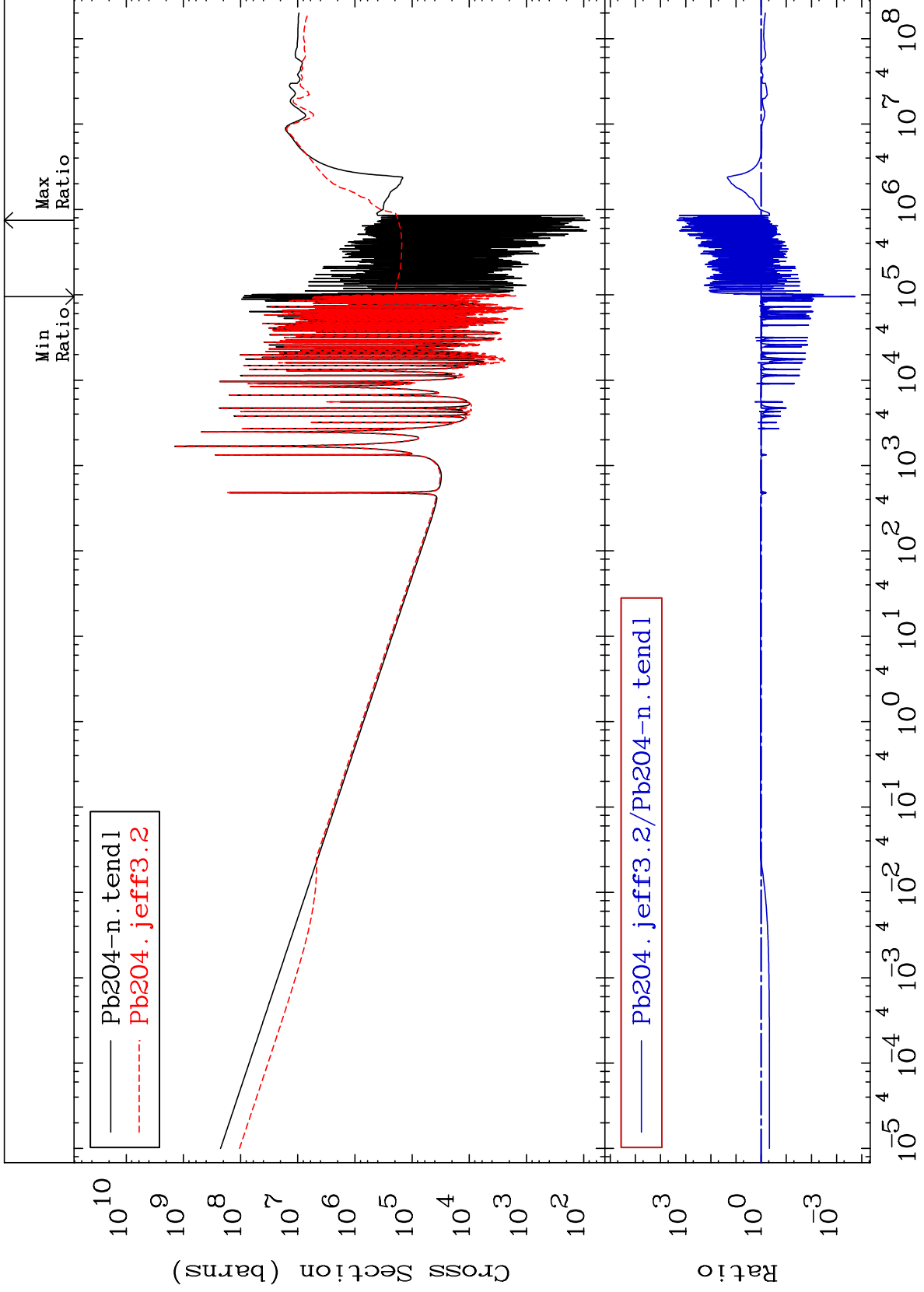
82-Pb-204
-100.0 To 9999. %

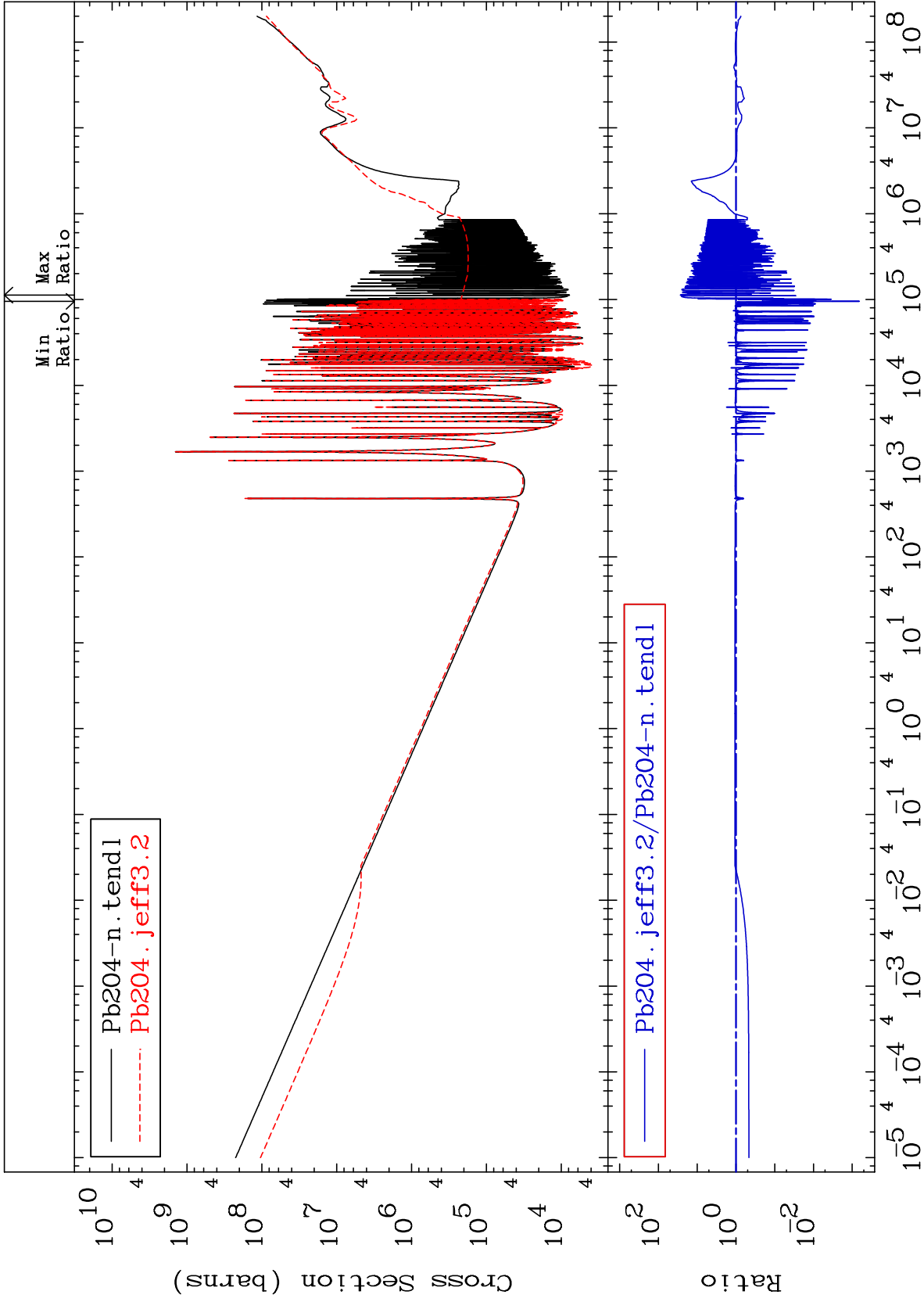


MAT 8225

Total photon (eV-barns)
Cross Section

82-Pb-204
-99.98 To 9999. %

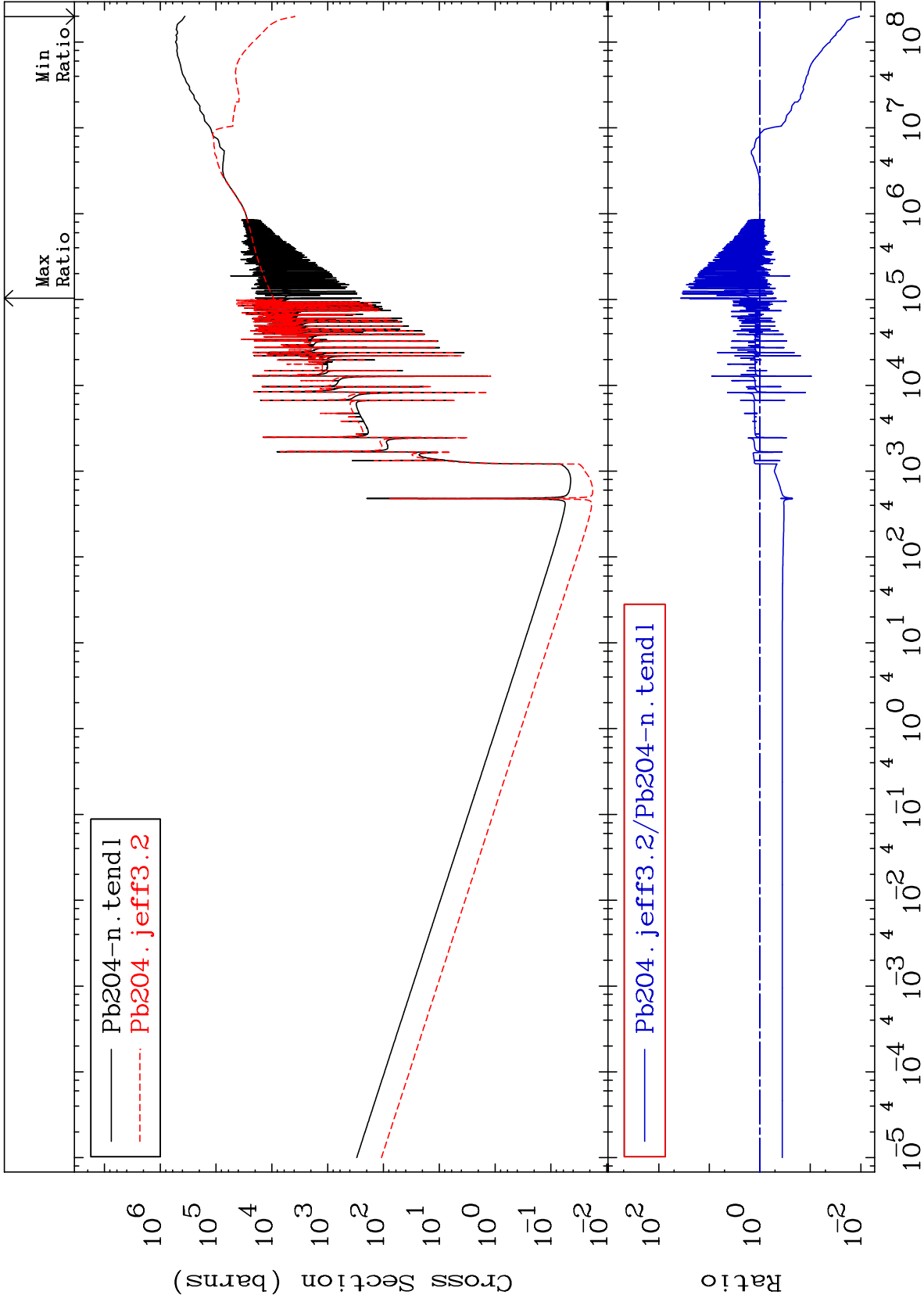




MAT 8225

Dpa total (eV-barns)
Cross Section

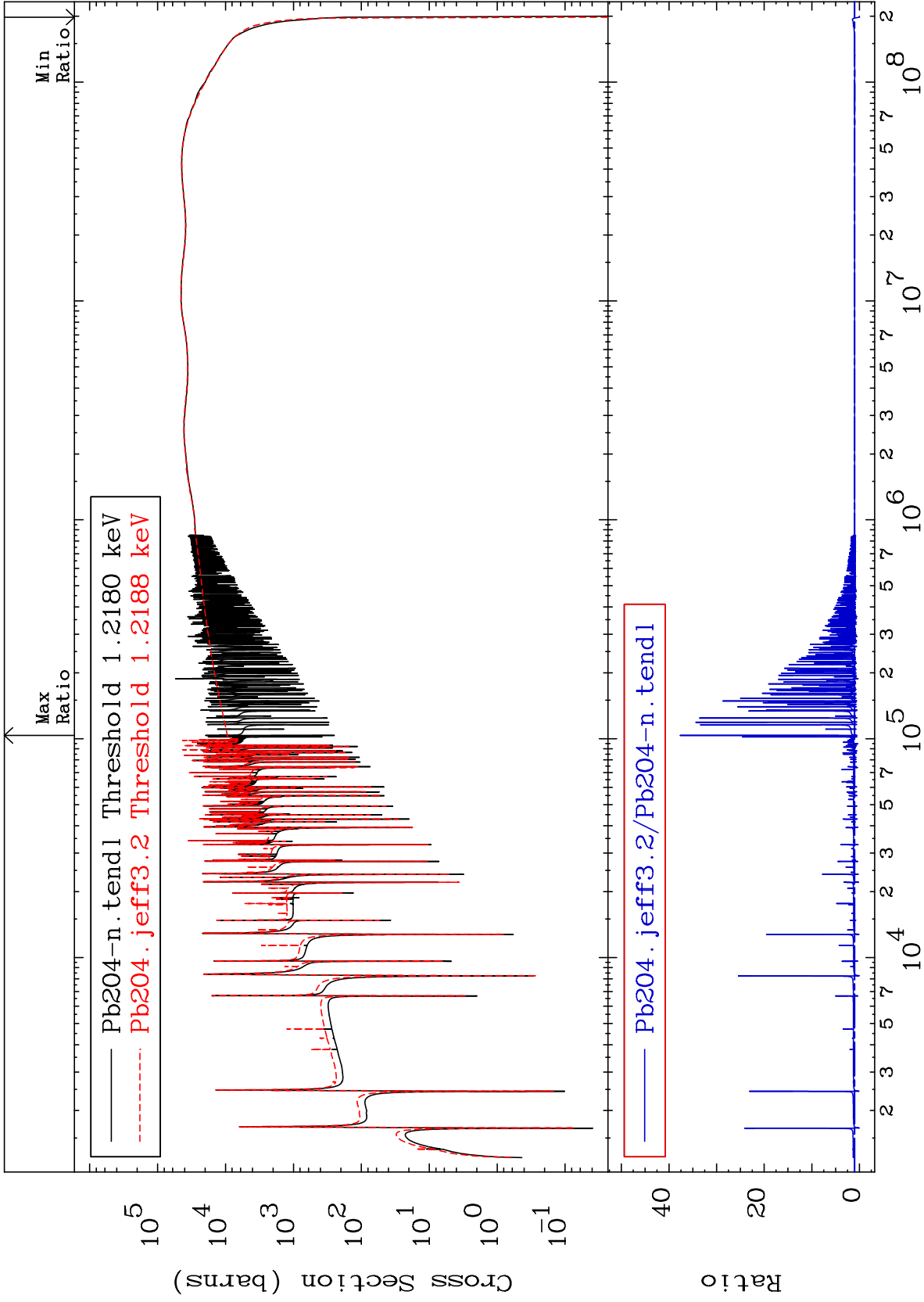
82-Pb-204
-98.94 To 3650. %



Incident Energy (eV)

82-Pb-204

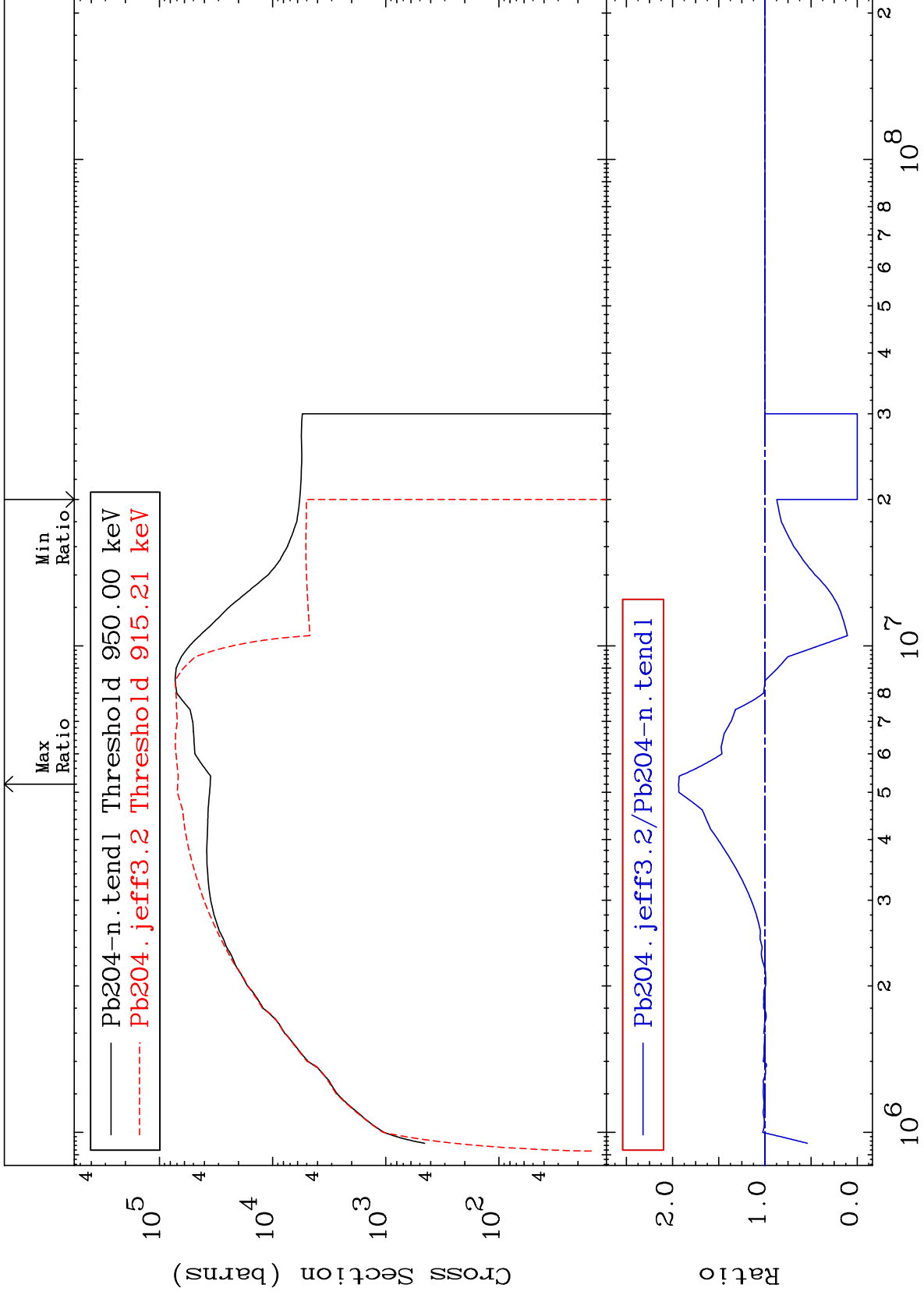
55



MAT 8225

Dpa inelastic (mt51-91)
Cross Section

82-Pb-204
-100.0 To 93.50 %



57

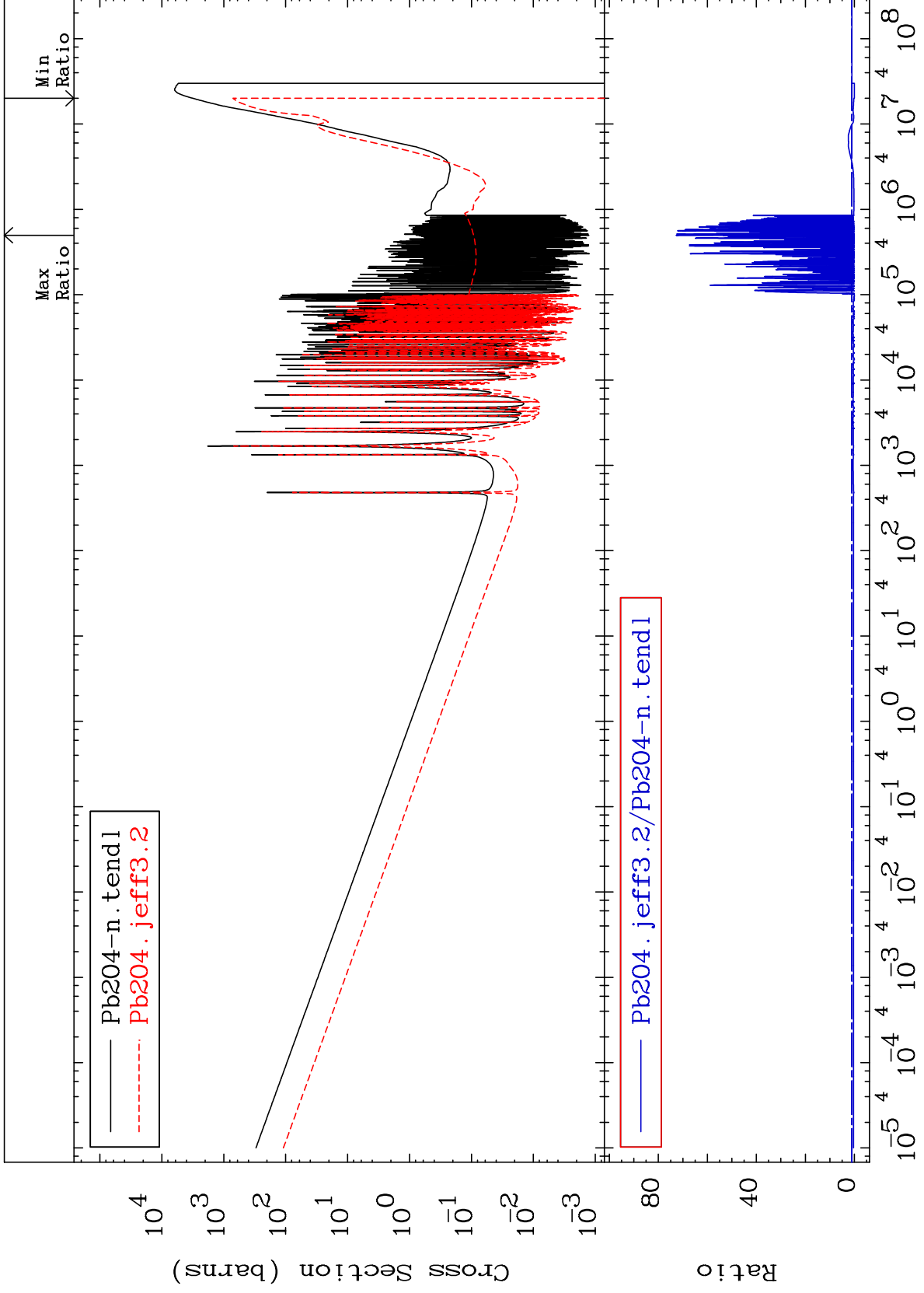
Incident Energy (eV)

82-Pb-204

MAT 8225

Dpa disappearance (mt102 -120)
Cross Section

82-Pb-204
-100.0 To 7166. %



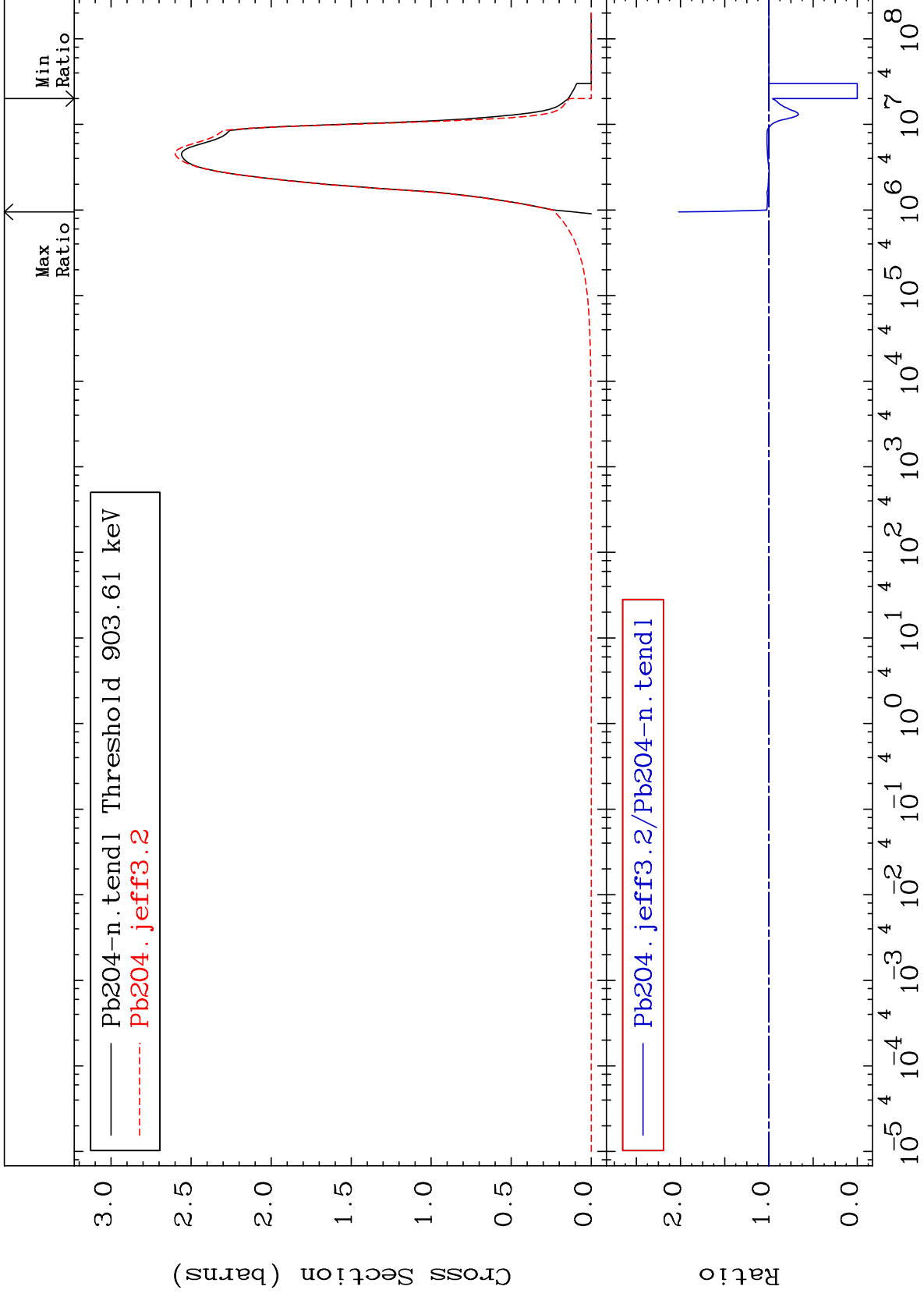
58

Incident Energy (eV)

82-Pb-204

MAT 8225

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



59

Incident Energy (eV)

82-Pb-204

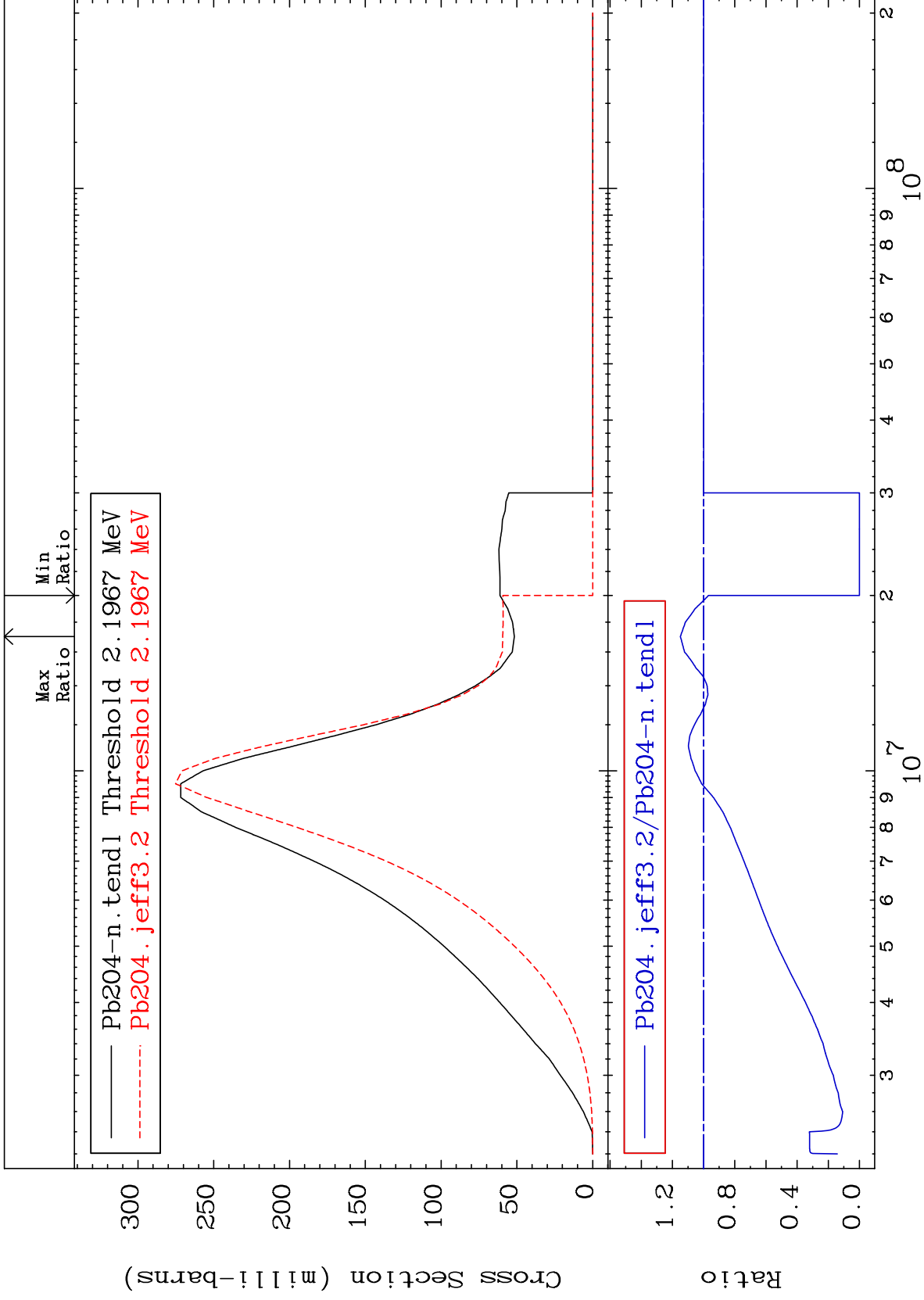
MAT 8225

Inelastic: 82-Pb-204m21

82-Pb-204

Radionuclide Production Cross Section

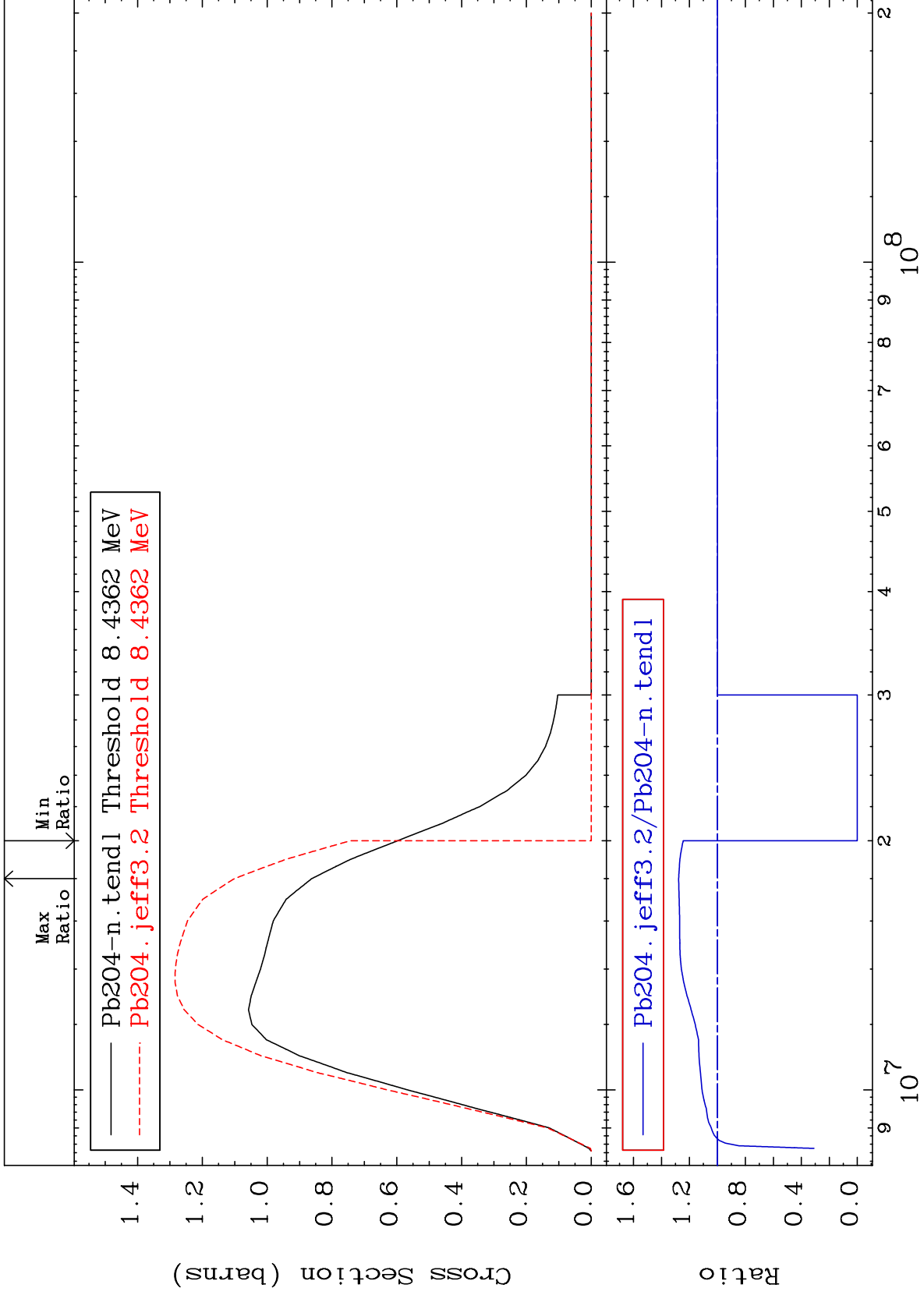
-100.0 To 14.91 %



60

Incident Energy (eV)

82-Pb-204

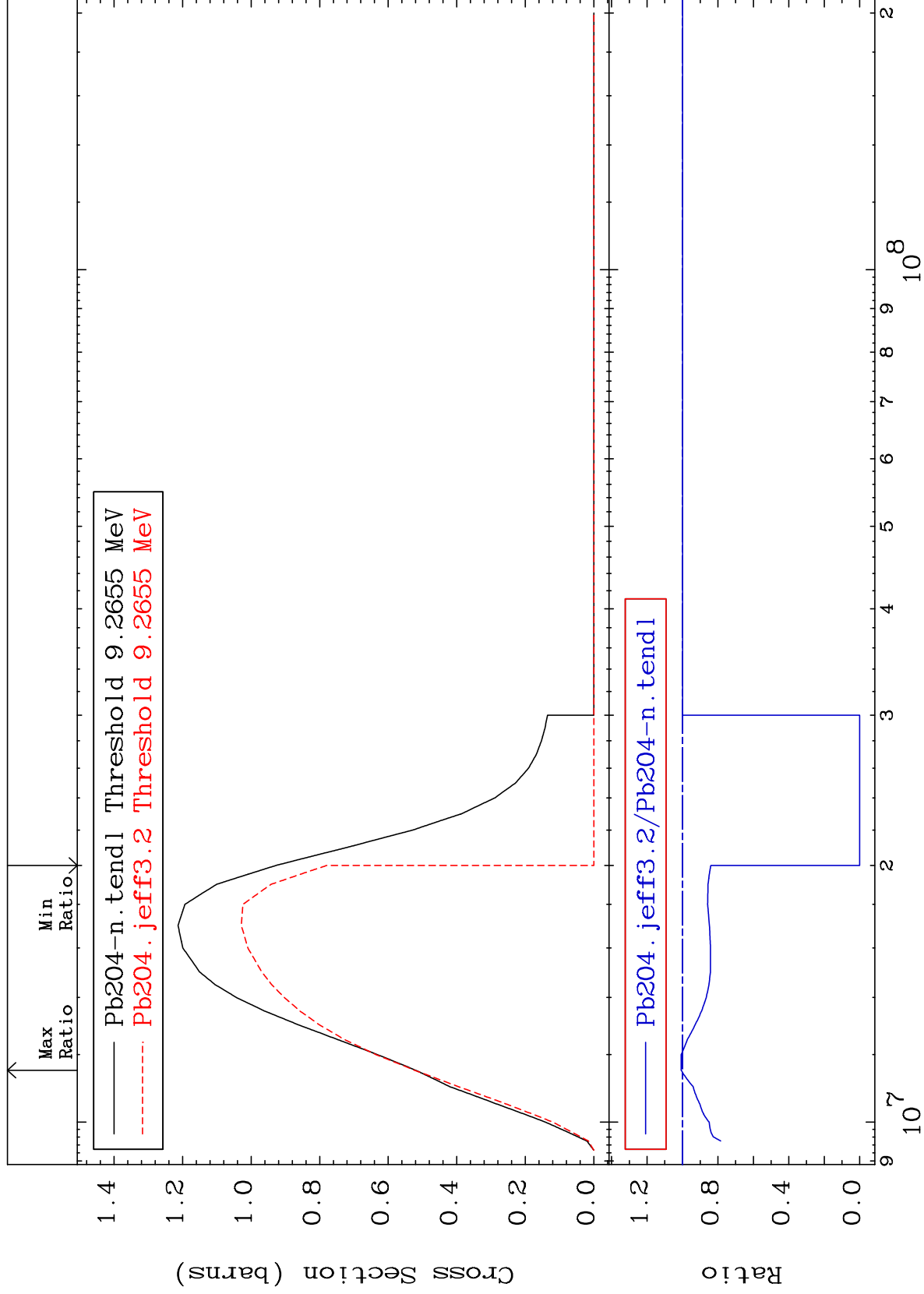


MAT 8225

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

82-Pb-204

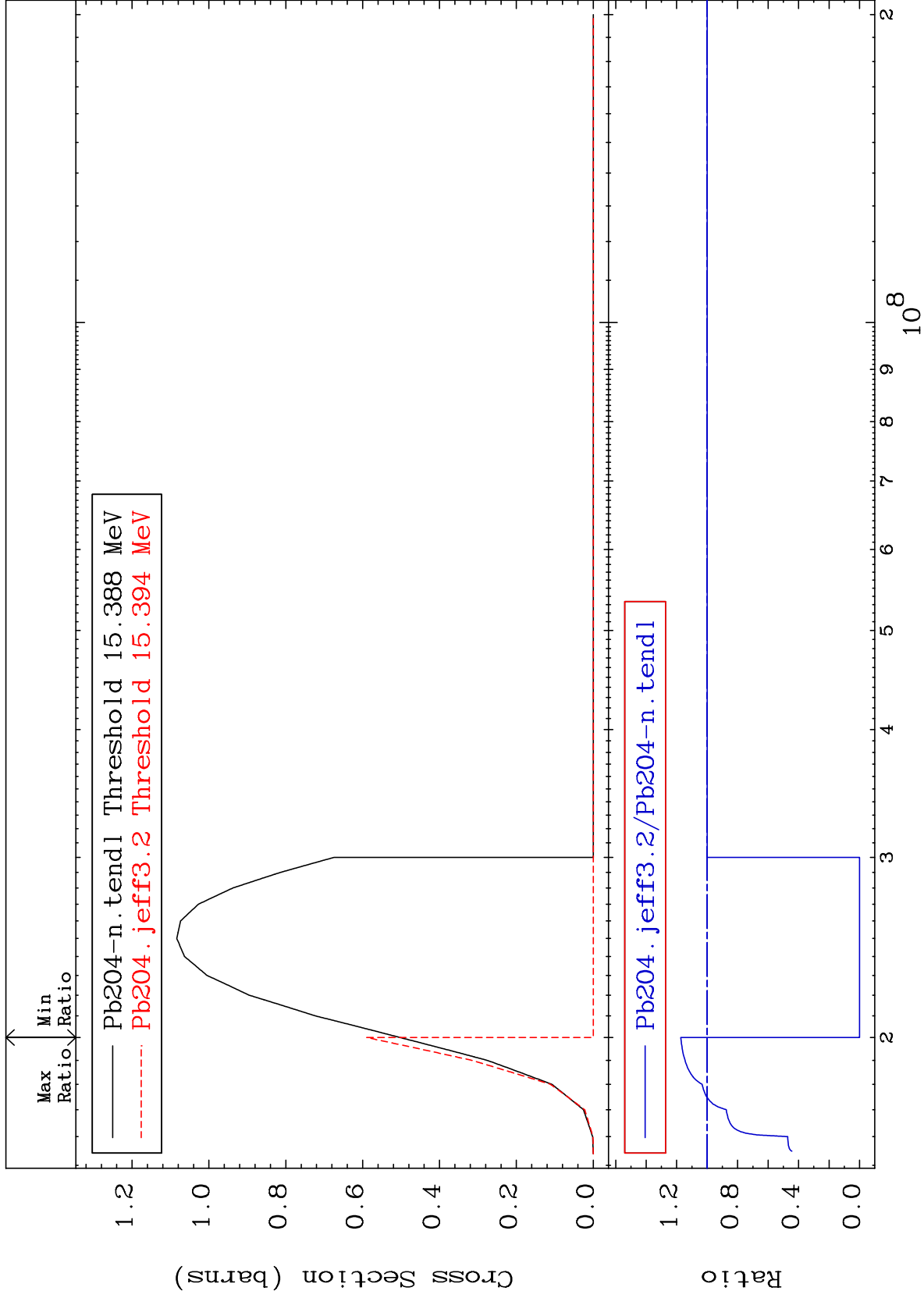
Radionuclide Production Cross Section -100.0 To 0.737 %



62

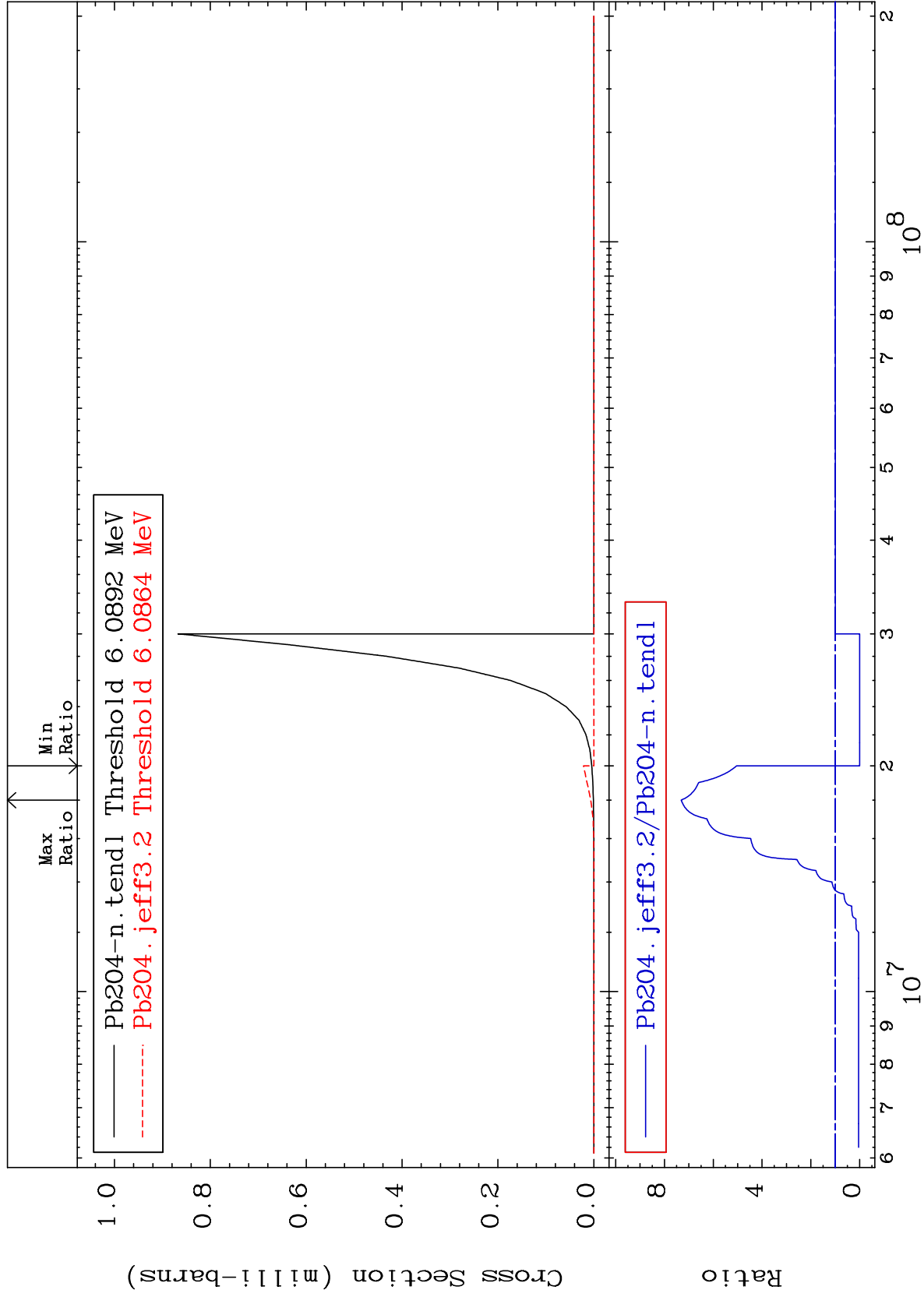
Incident Energy (eV)

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)

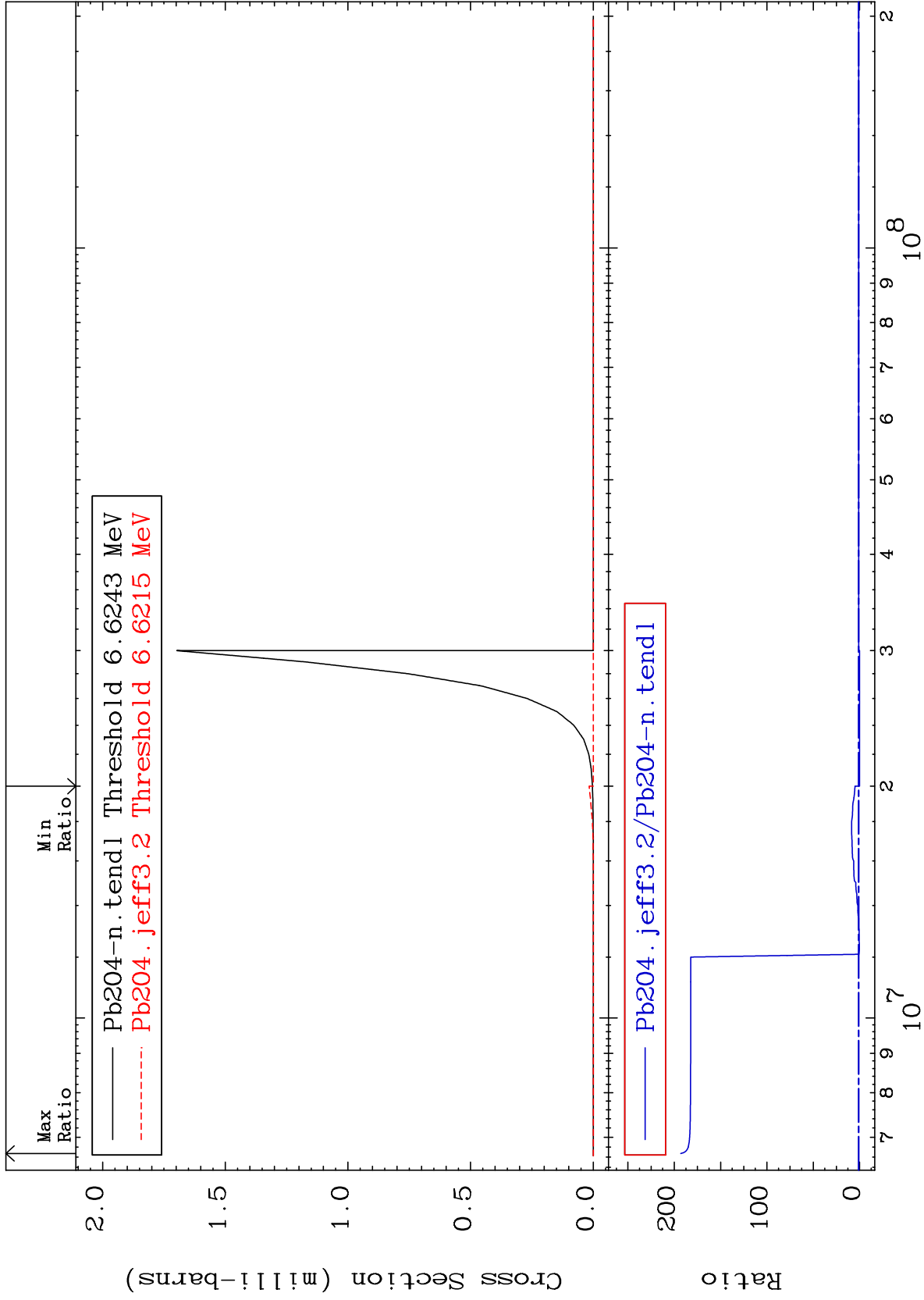
82-Pb-204

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