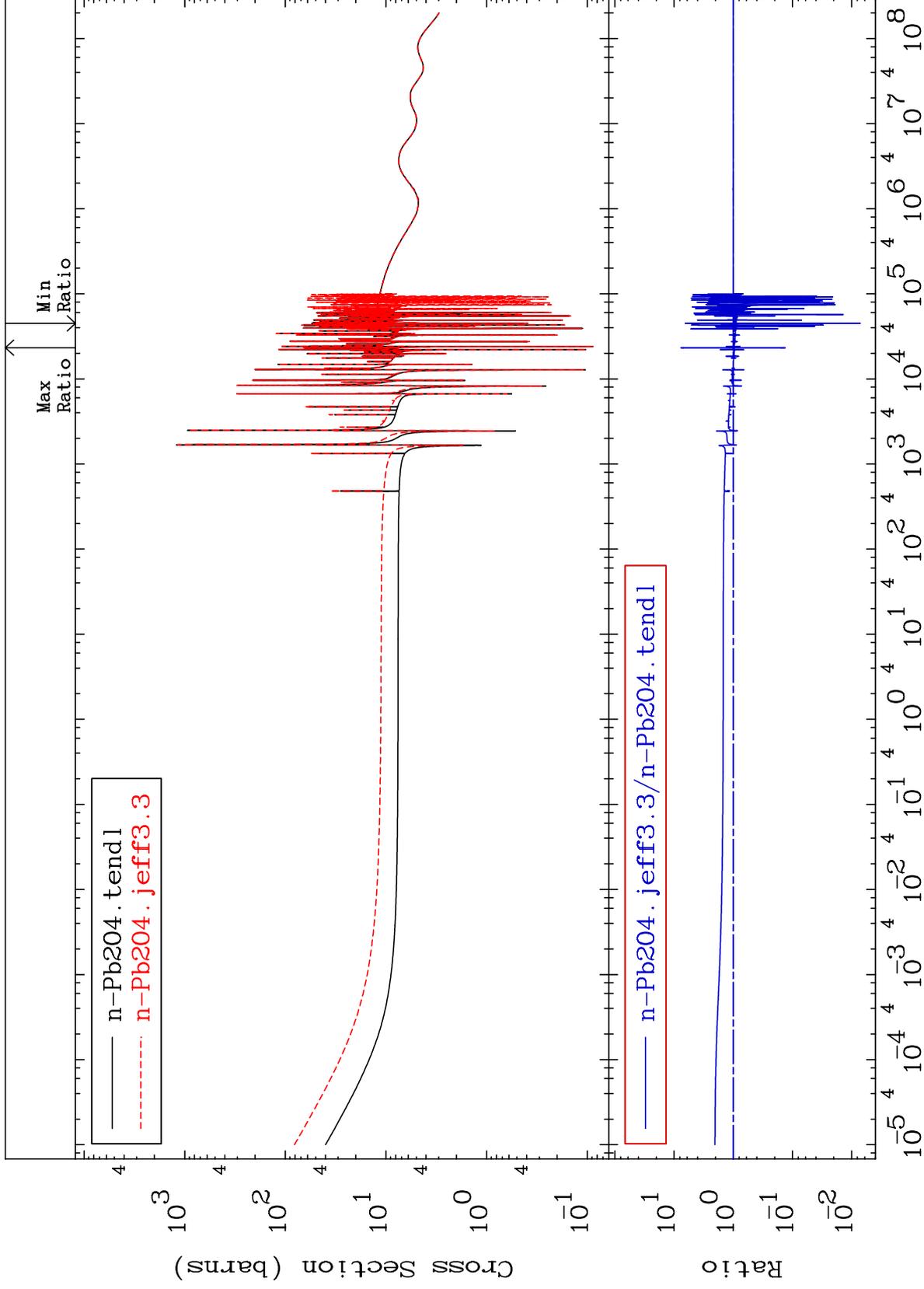


MAT 8225

Total
Cross Section

82-Pb-204
-99.28 To 658.9 %



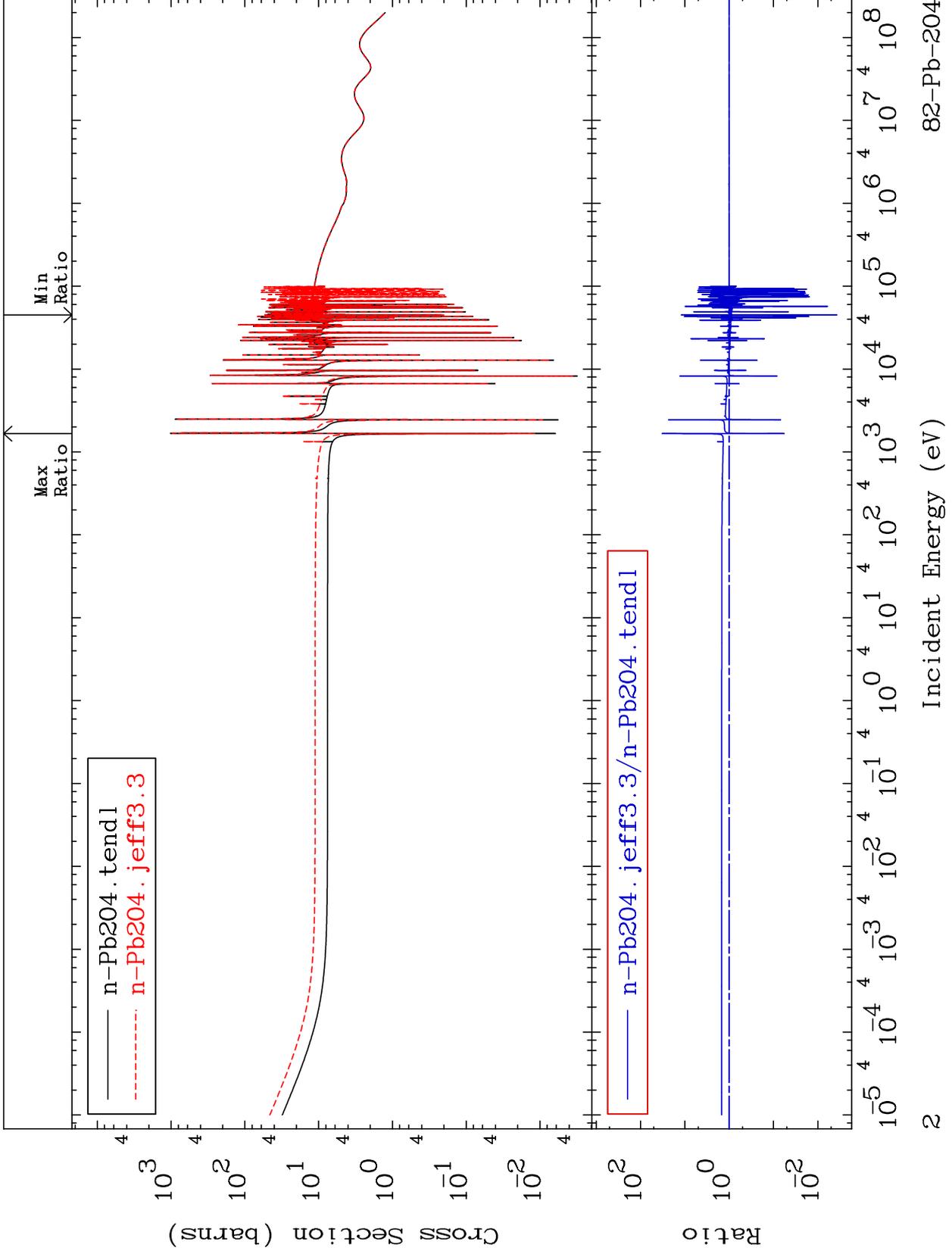
Incident Energy (eV)

82-Pb-204

MAT 8225

Elastic
Cross Section

82-Pb-204
-99.63 To 3119. %



82-Pb-204

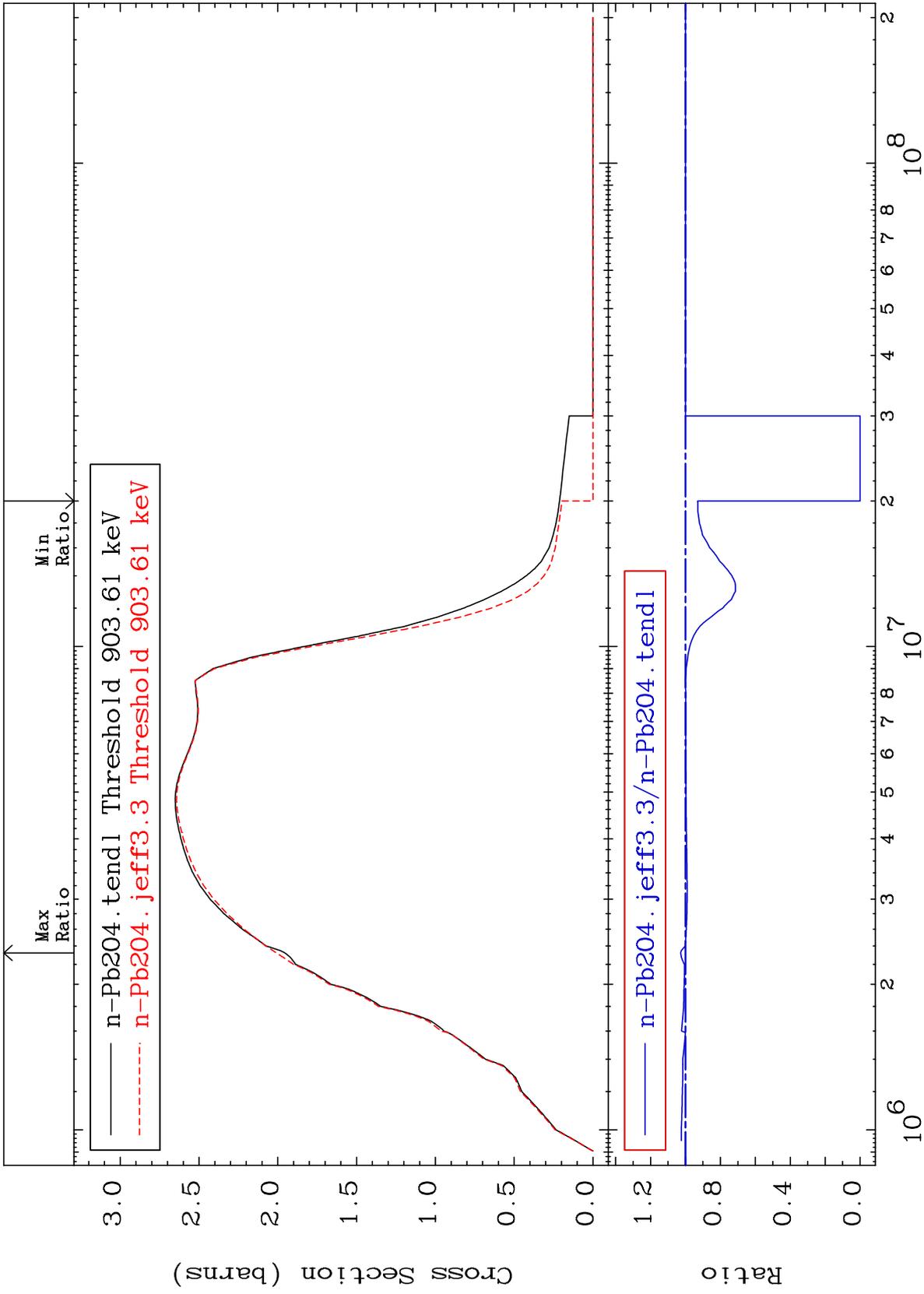
Incident Energy (eV)

2

MAT 8225

Inelastic
Cross Section

82-Pb-204
-100.0 To 2.708 %



Incident Energy (eV)

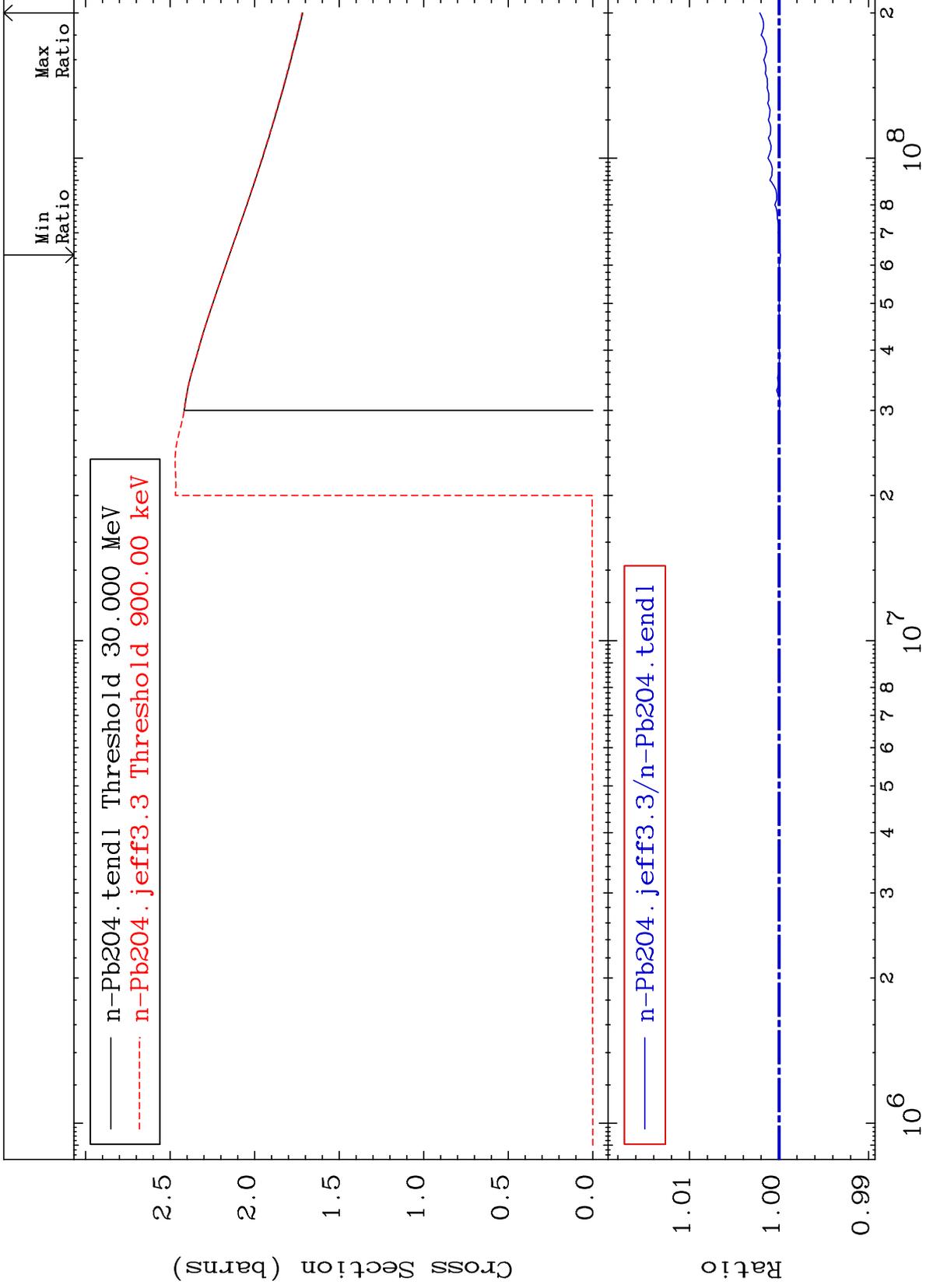
82-Pb-204

3

MAT 8225

(n, remainder)
Cross Section

82-Pb-204
-0.016 To 0.215 %



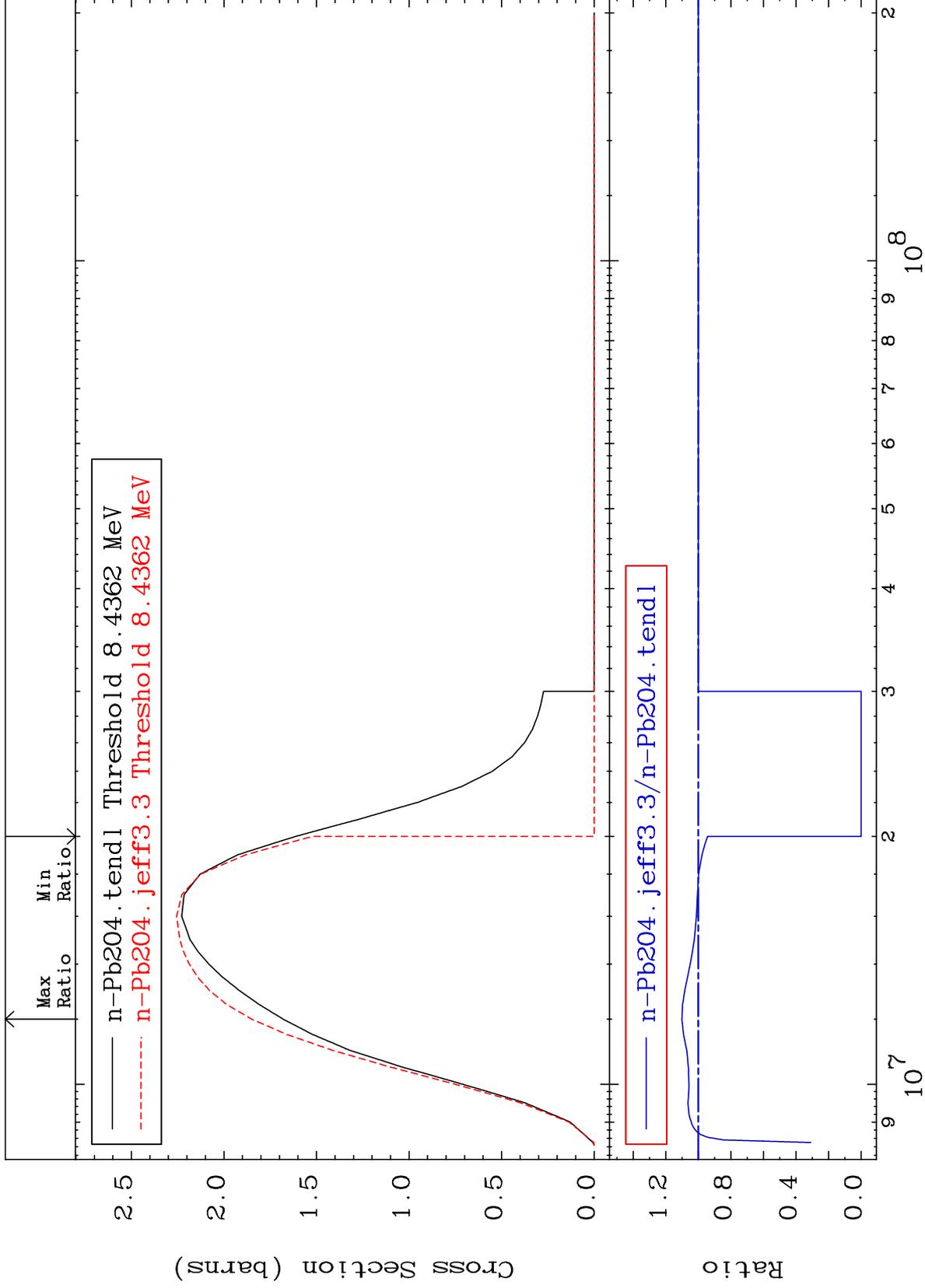
MAT 8225

(n,2n)

82-Pb-204

Cross Section

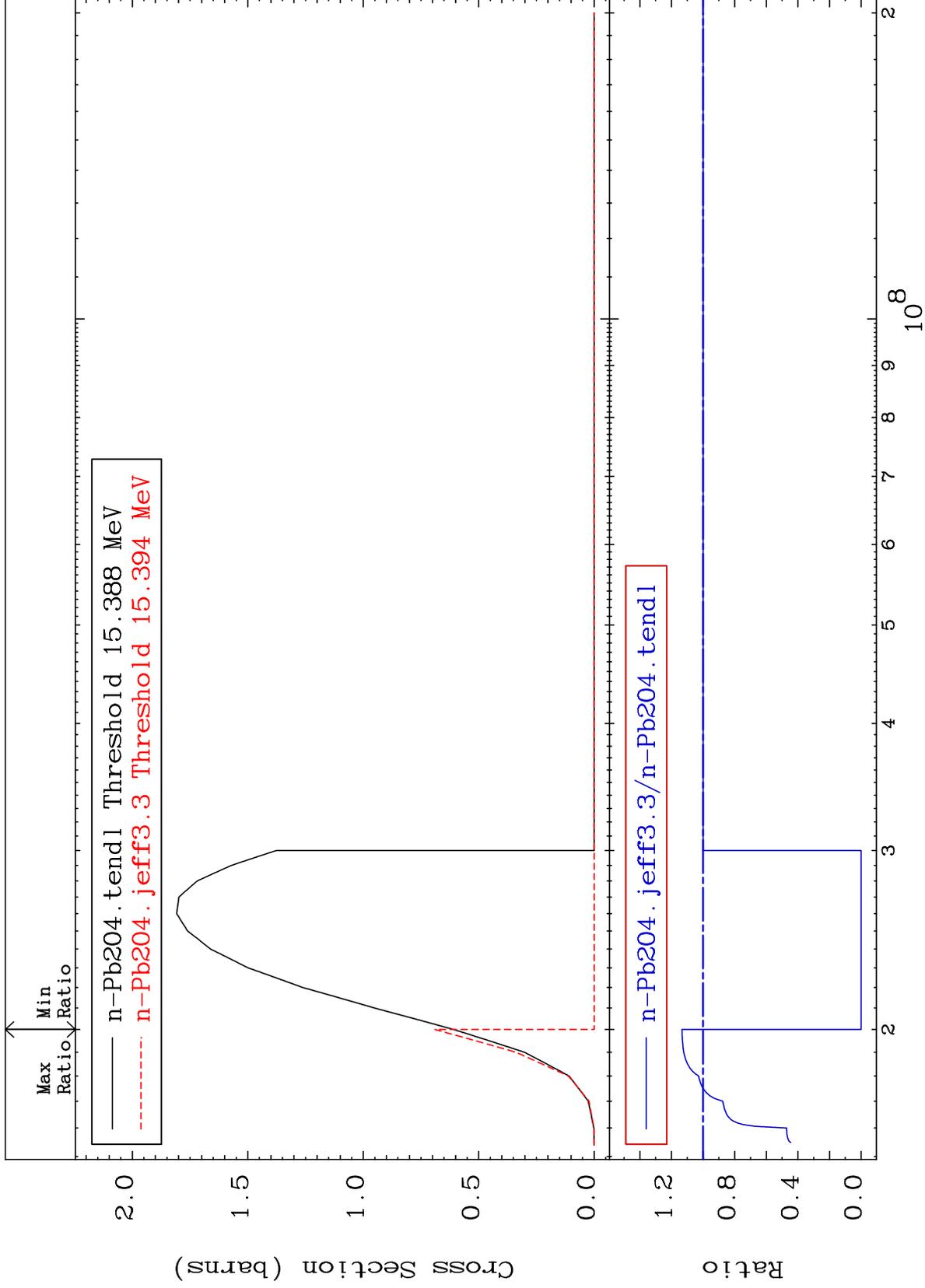
-100.0 To 10.13 %



5

Incident Energy (eV)

82-Pb-204

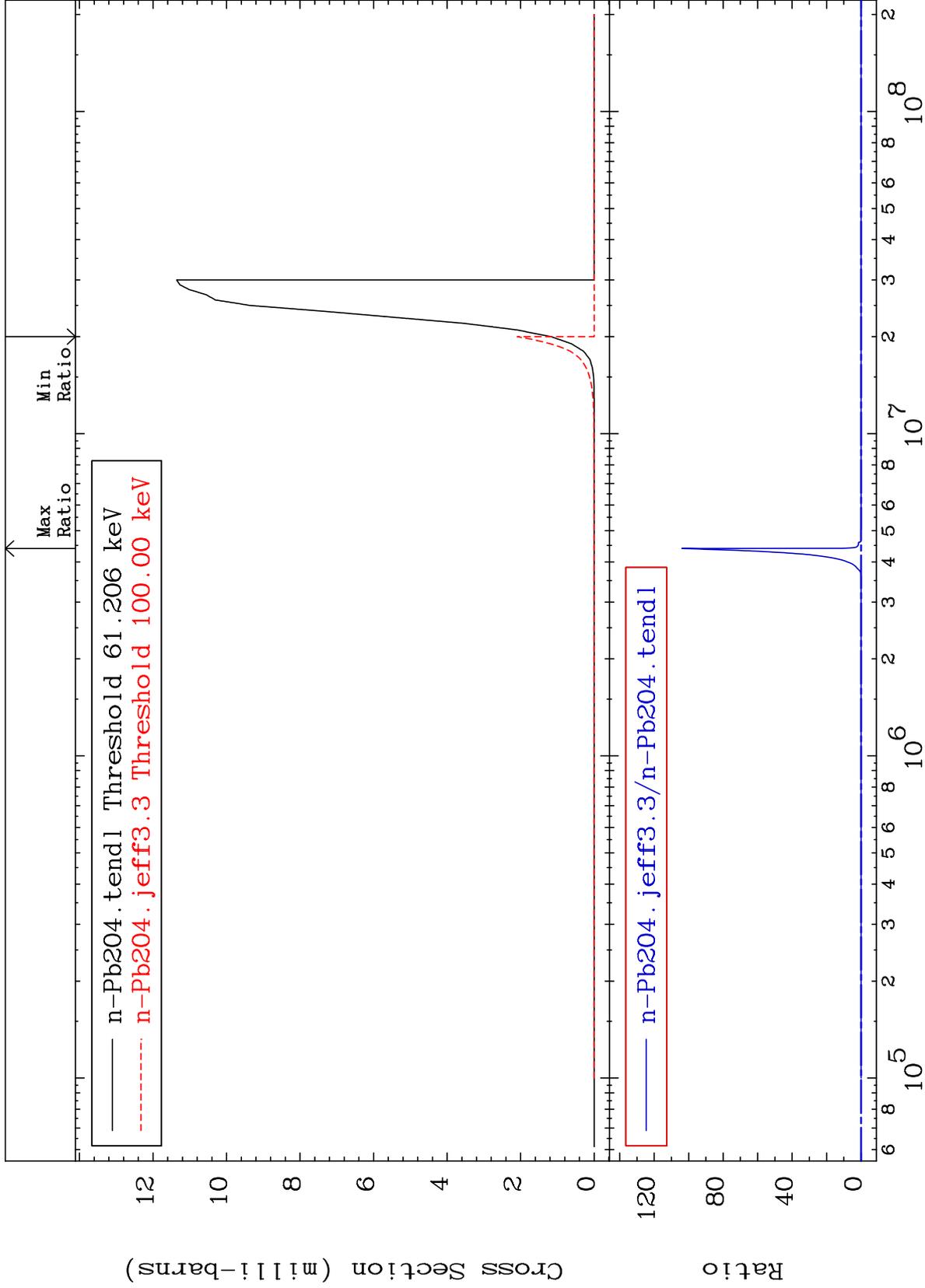


MAT 8225

82-Pb-204

-100.0 To 9999. %

$(n, n') \alpha$
Cross Section



7

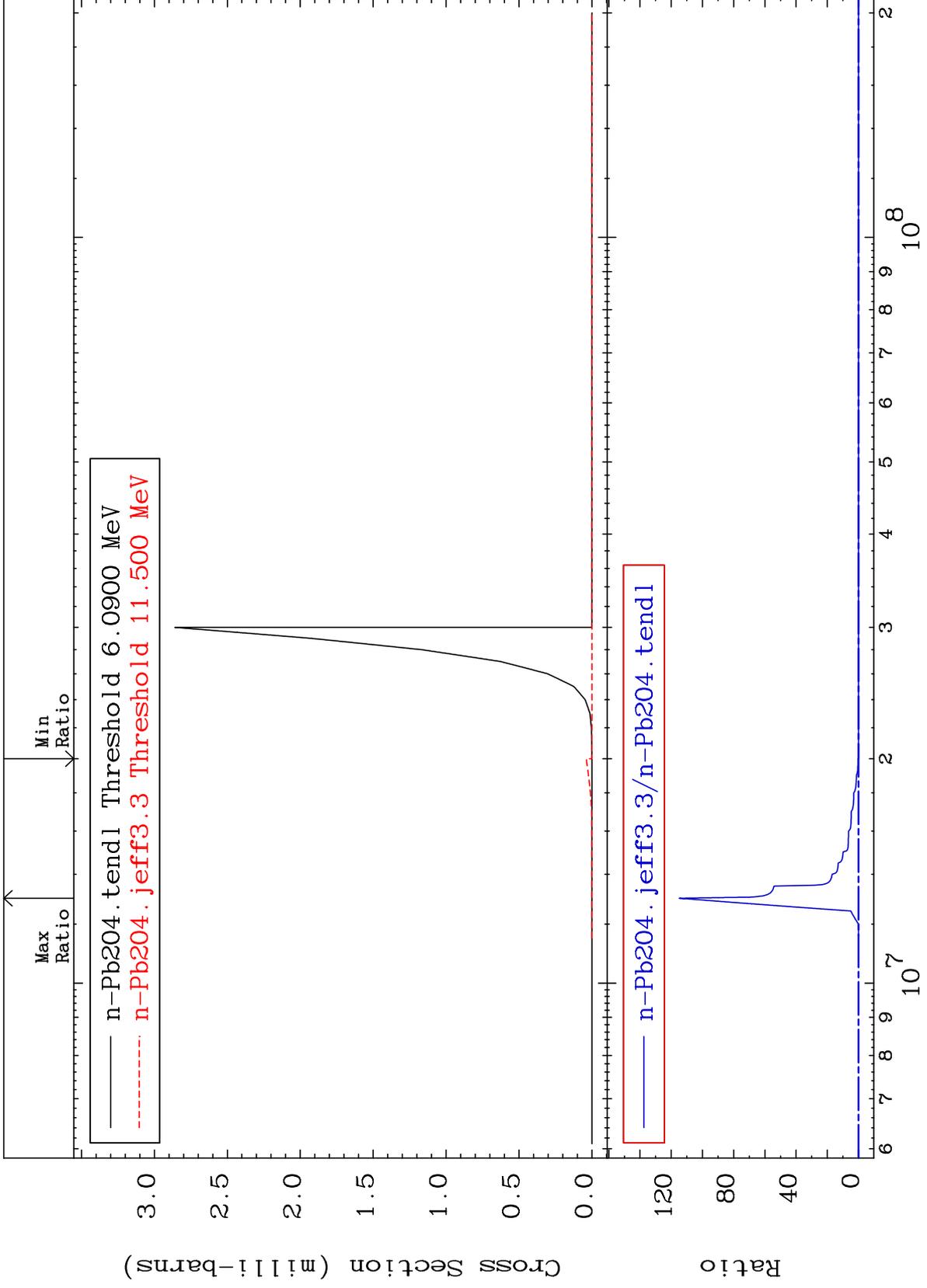
Incident Energy (eV)

82-Pb-204

MAT 8225

(n,2n) α
Cross Section

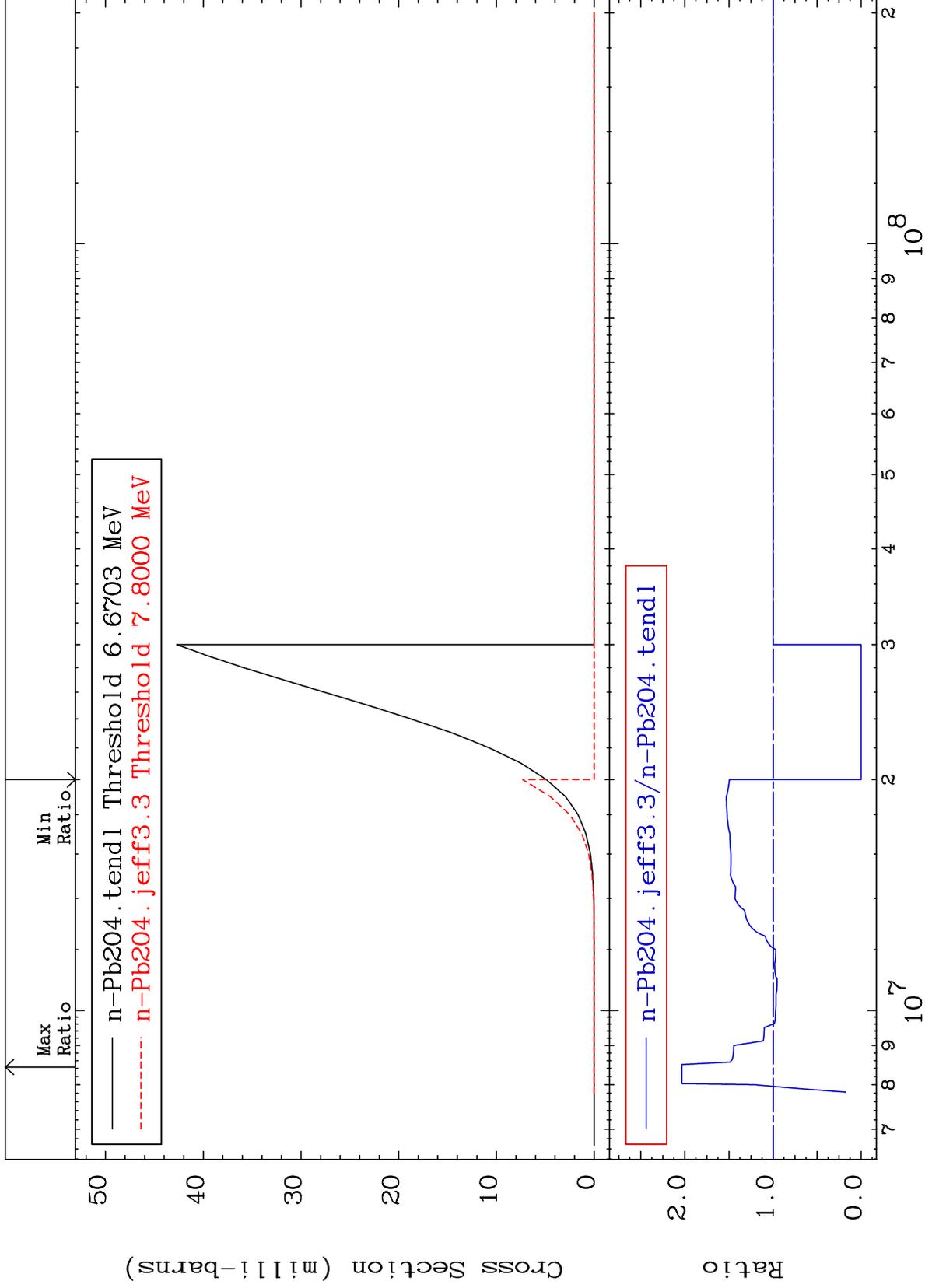
82-Pb-204
-100.0 To 9999. %



MAT 8225

(n,n') p
Cross Section

82-Pb-204
-100.0 To 103.3 %



9

Incident Energy (eV)

82-Pb-204

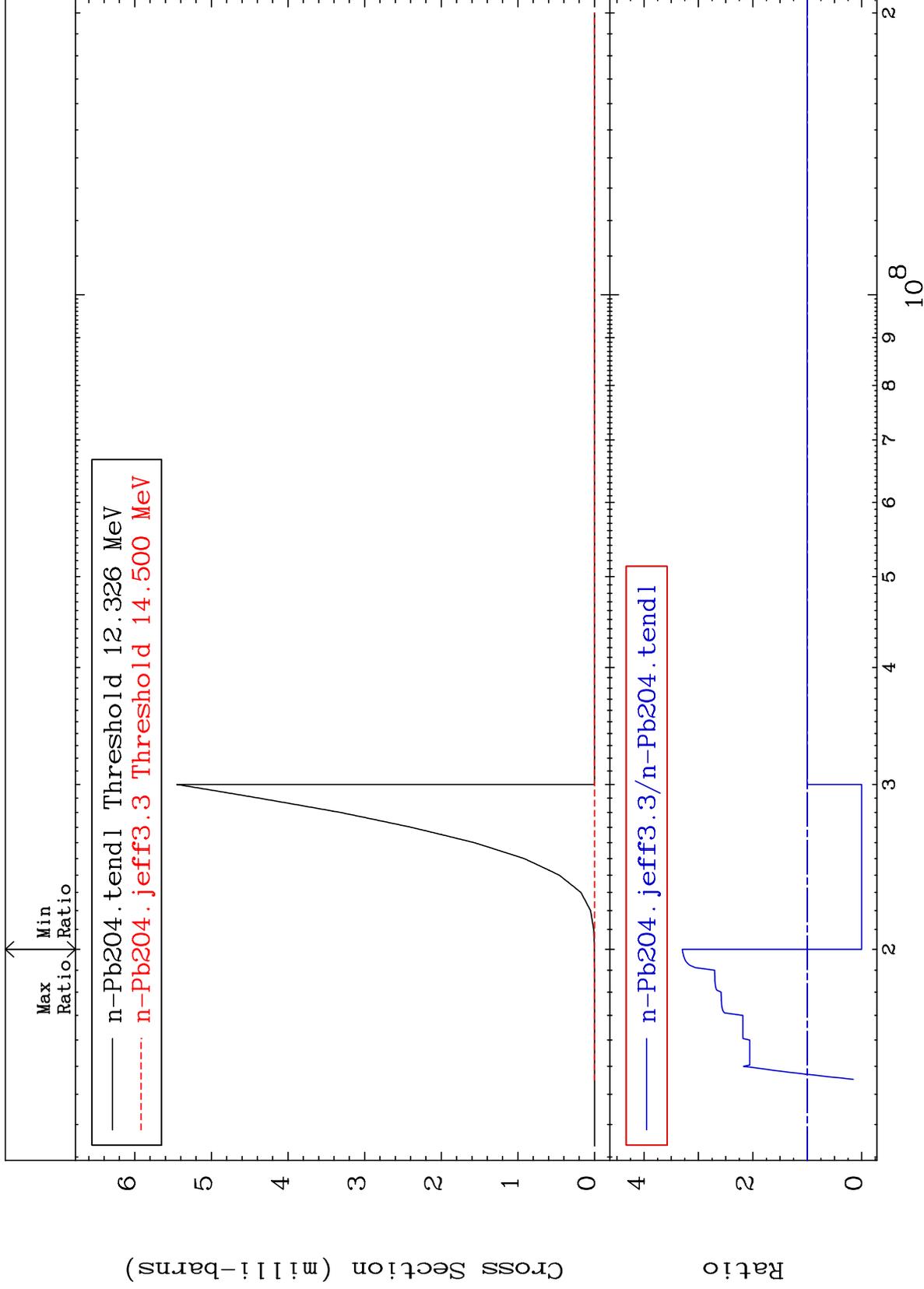
MAT 8225

(n, n') d

82-Pb-204

Cross Section

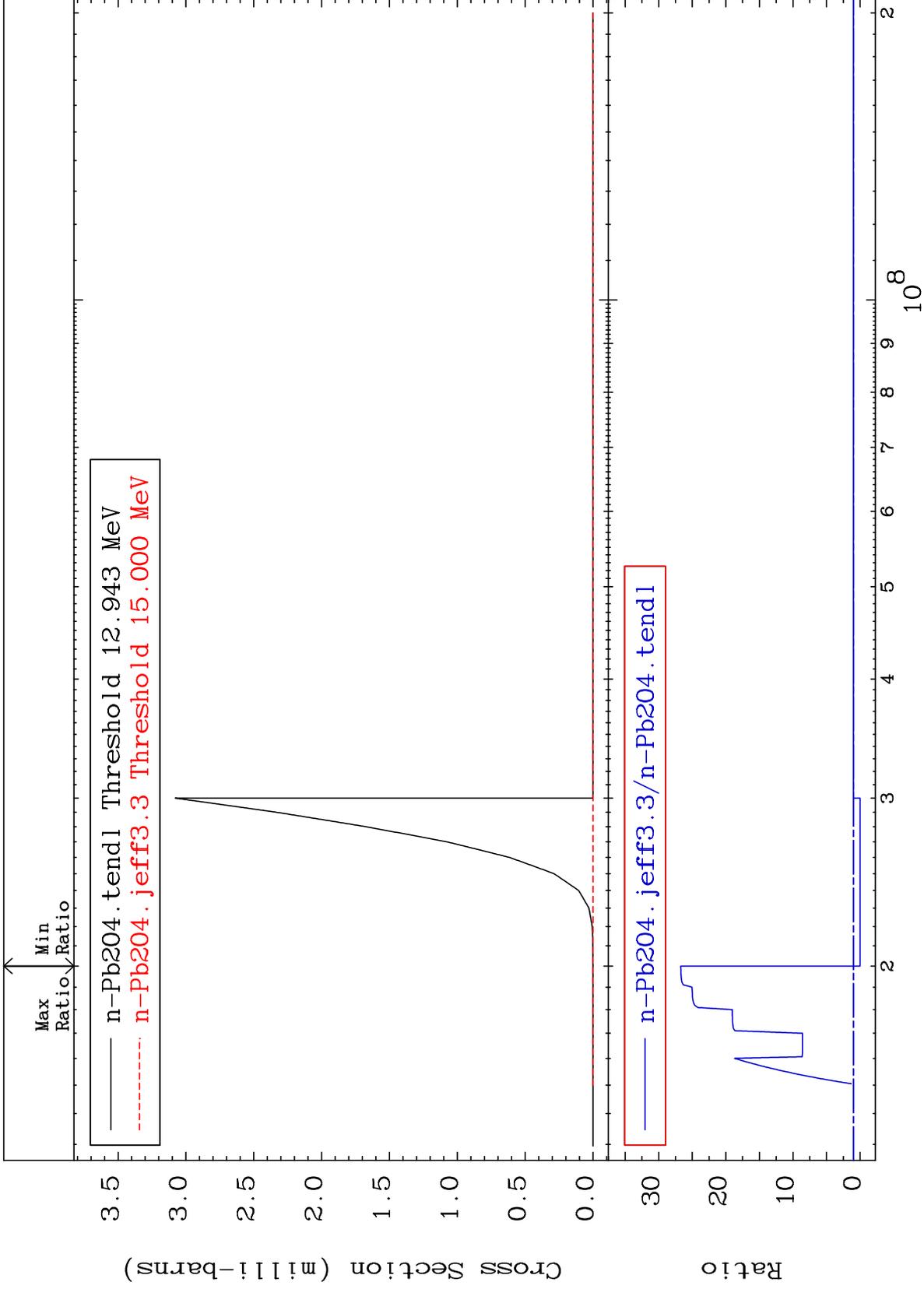
-100.0 To 229.6 %



10

Incident Energy (eV)

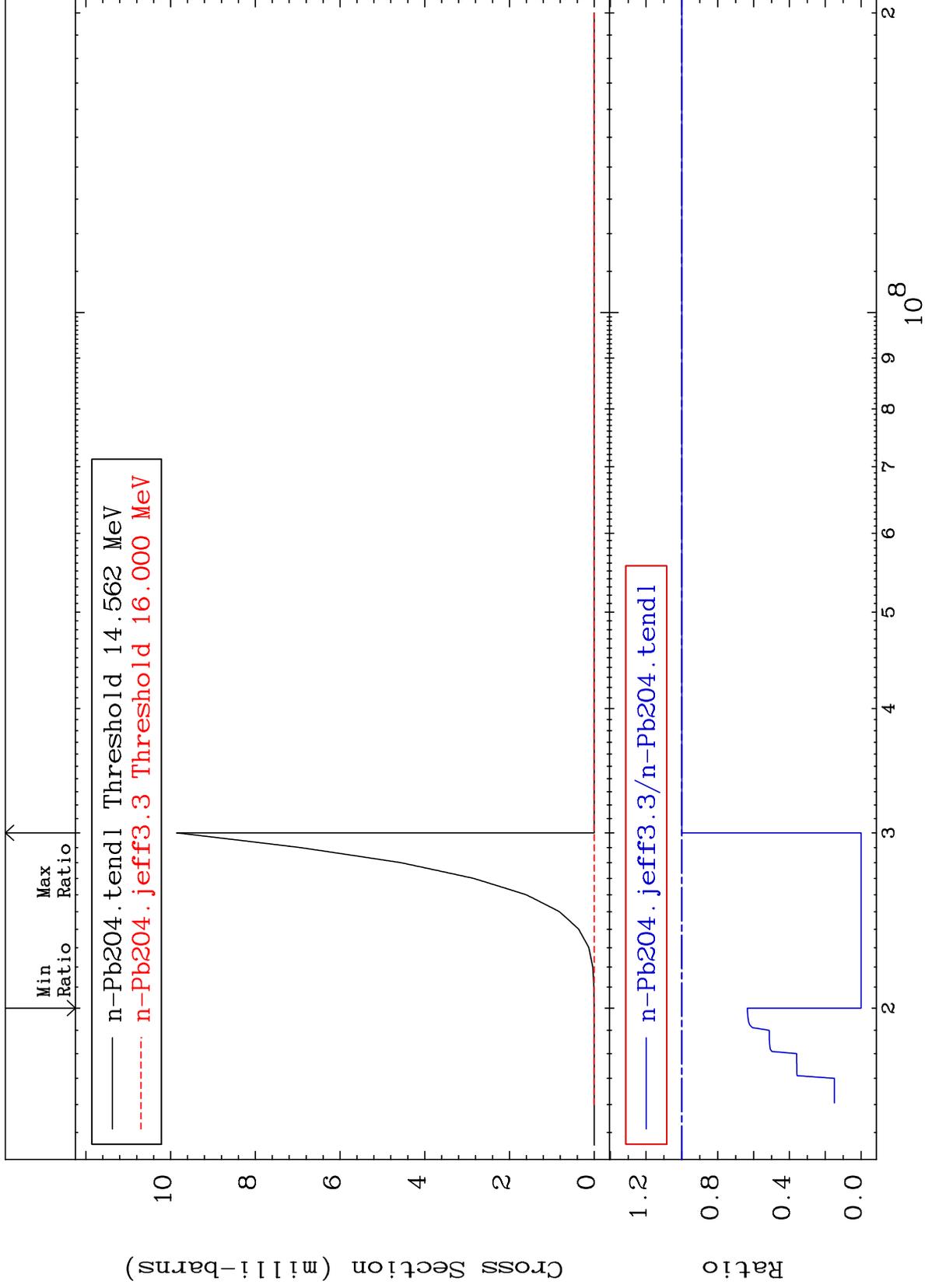
82-Pb-204



MAT 8225

(n,2n) p
Cross Section

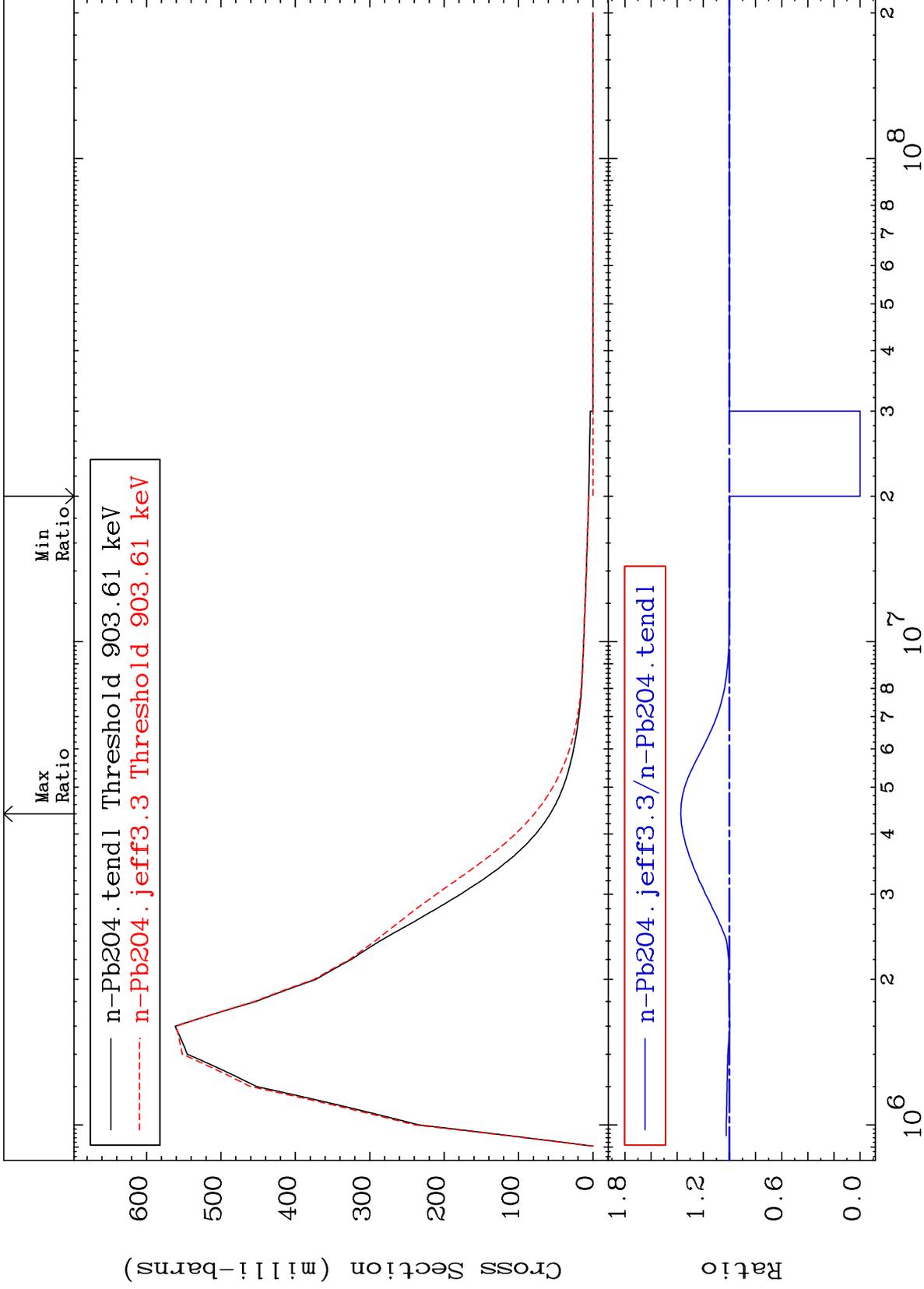
82-Pb-204
-100.0 To 0.000 %



MAT 8225

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

82-Pb-204
-100.0 To 37.23 %



13

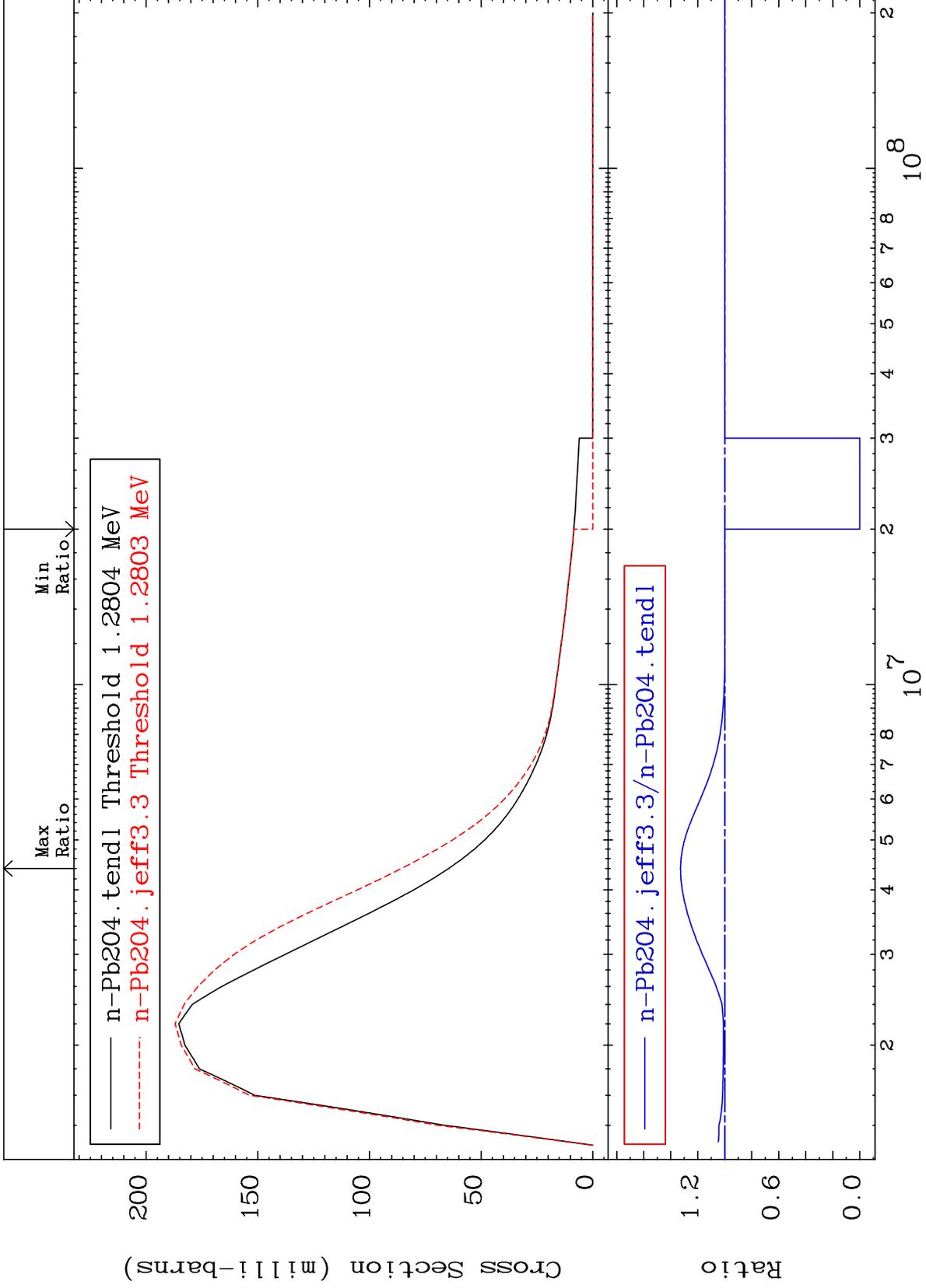
Incident Energy (eV)

82-Pb-204

MAT 8225

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

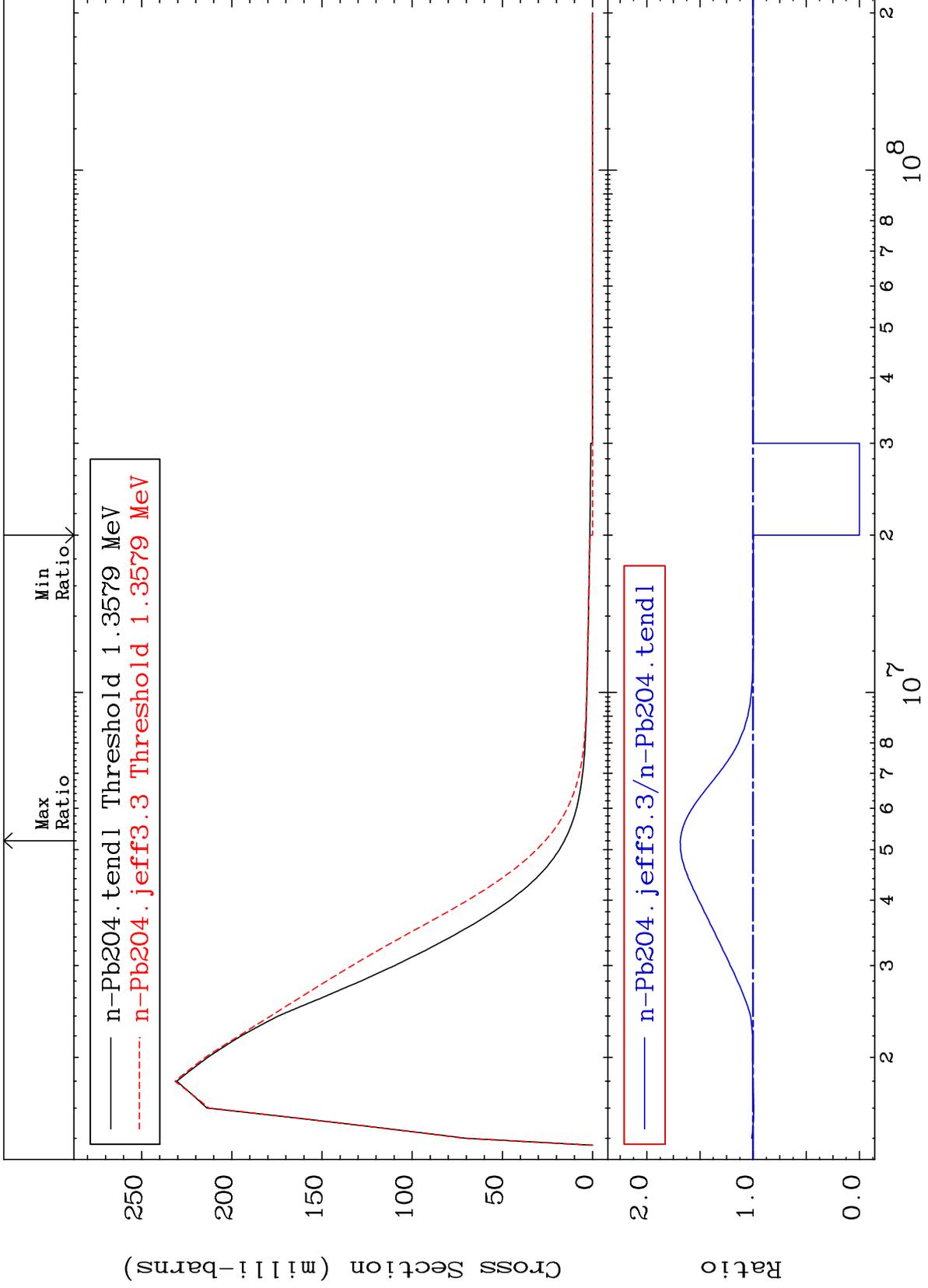
82-Pb-204
-100.0 To 32.75 %



MAT 8225

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

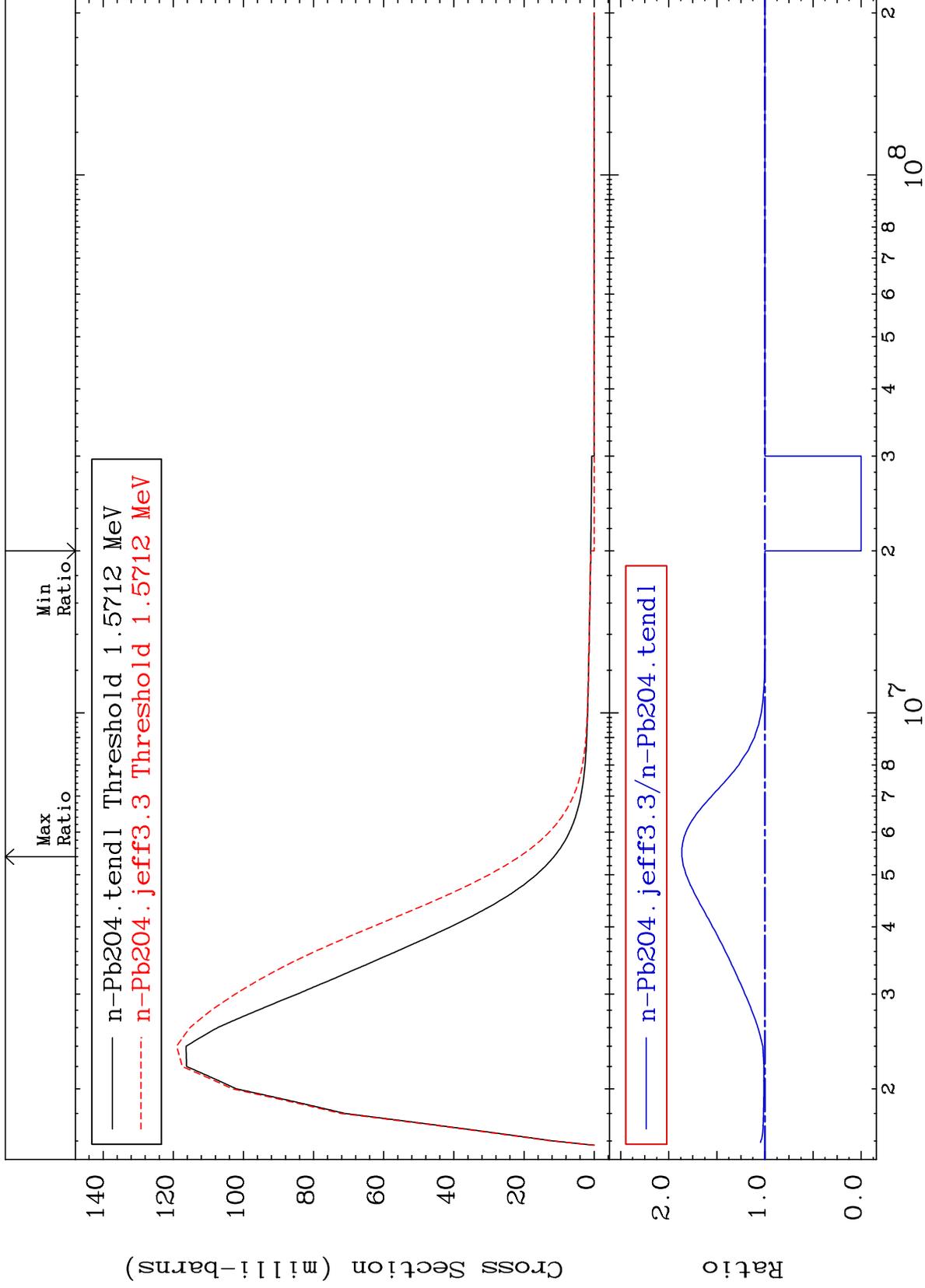
82-Pb-204
-100.0 To 68.53 %



MAT 8225

MT= 54 (n, n') Level
Cross Section

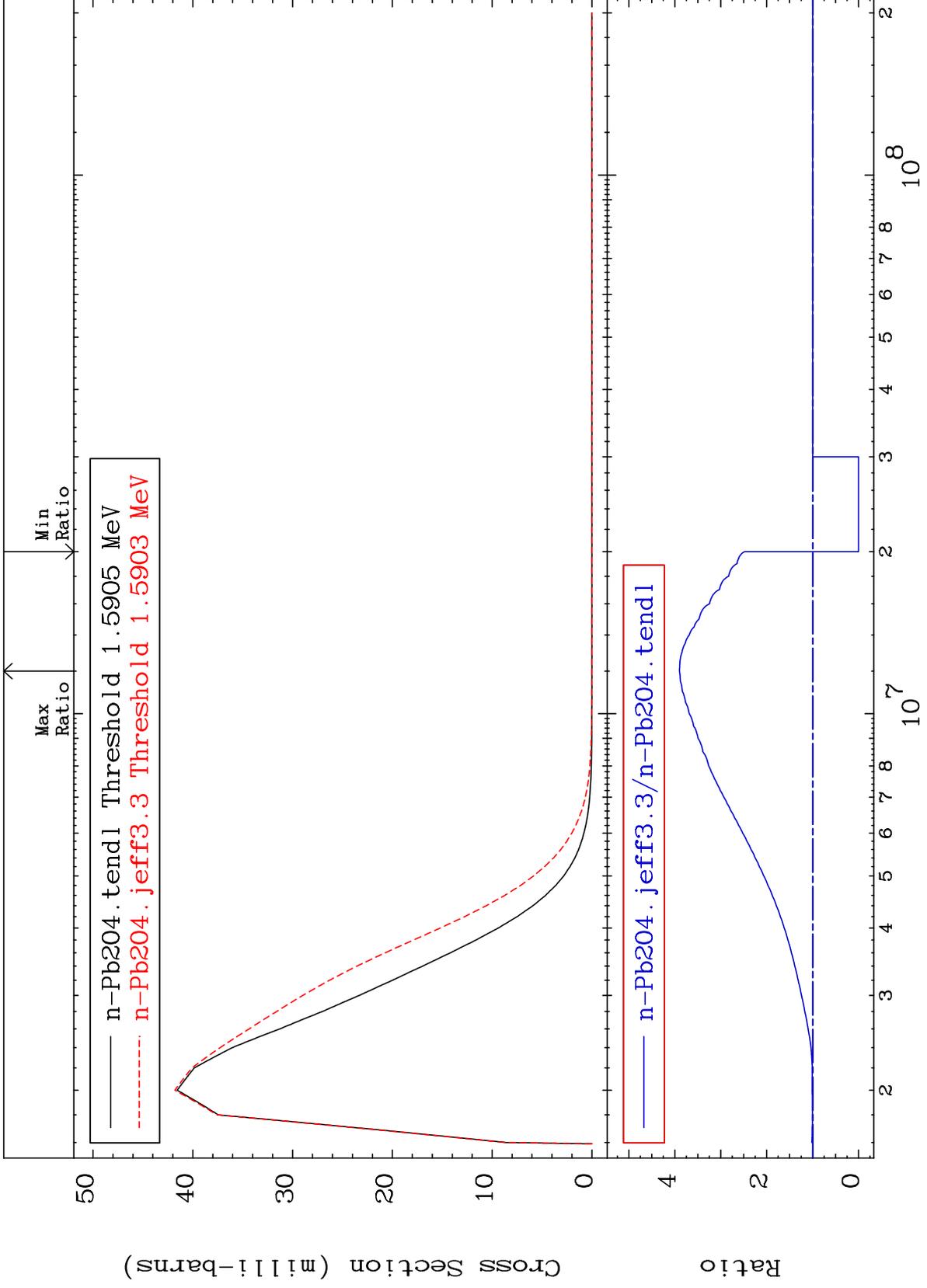
82-Pb-204
-100.0 To 86.32 %



MAT 8225

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

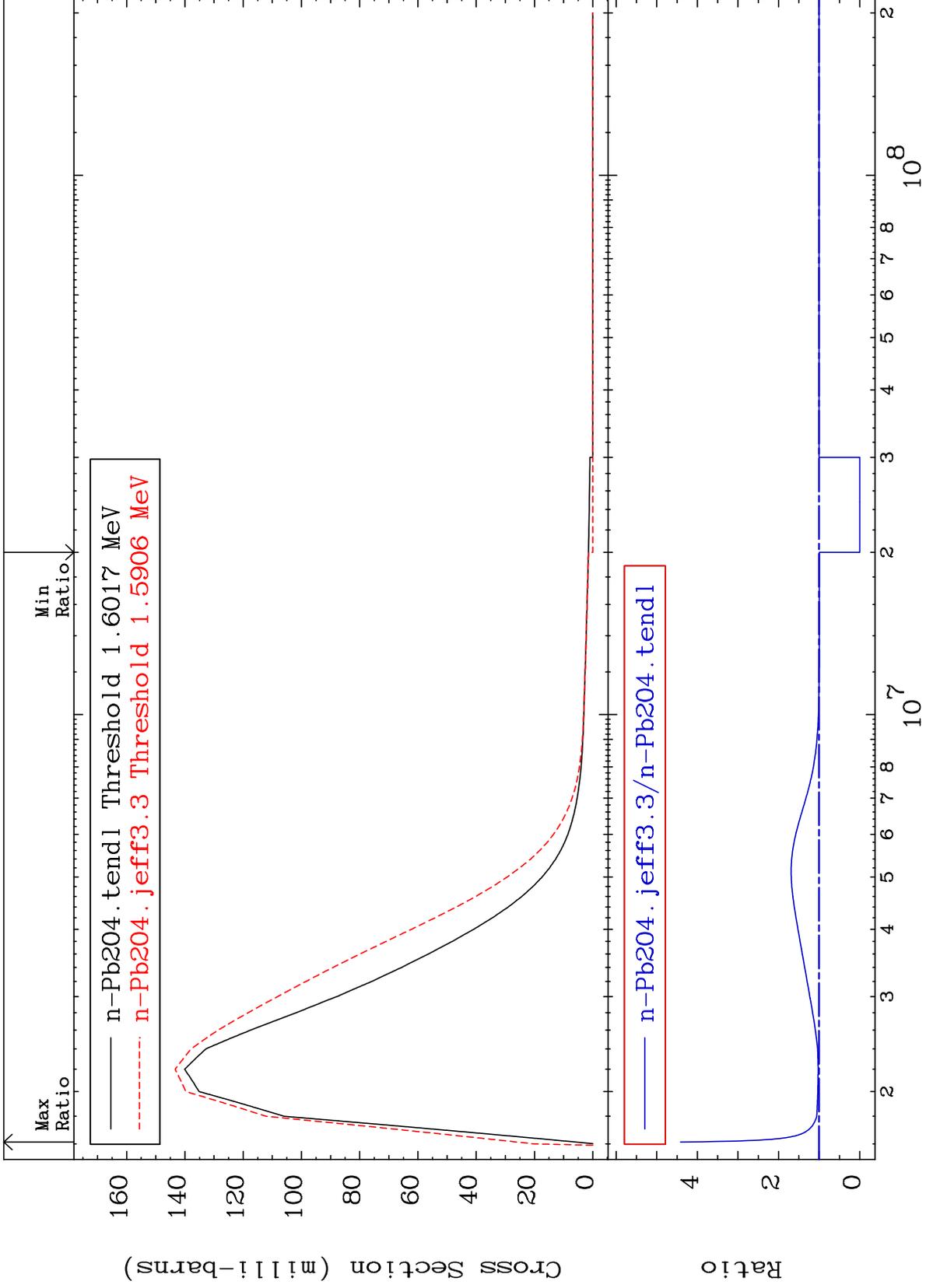
82-Pb-204
-100.0 To 289.7 %



MAT 8225

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

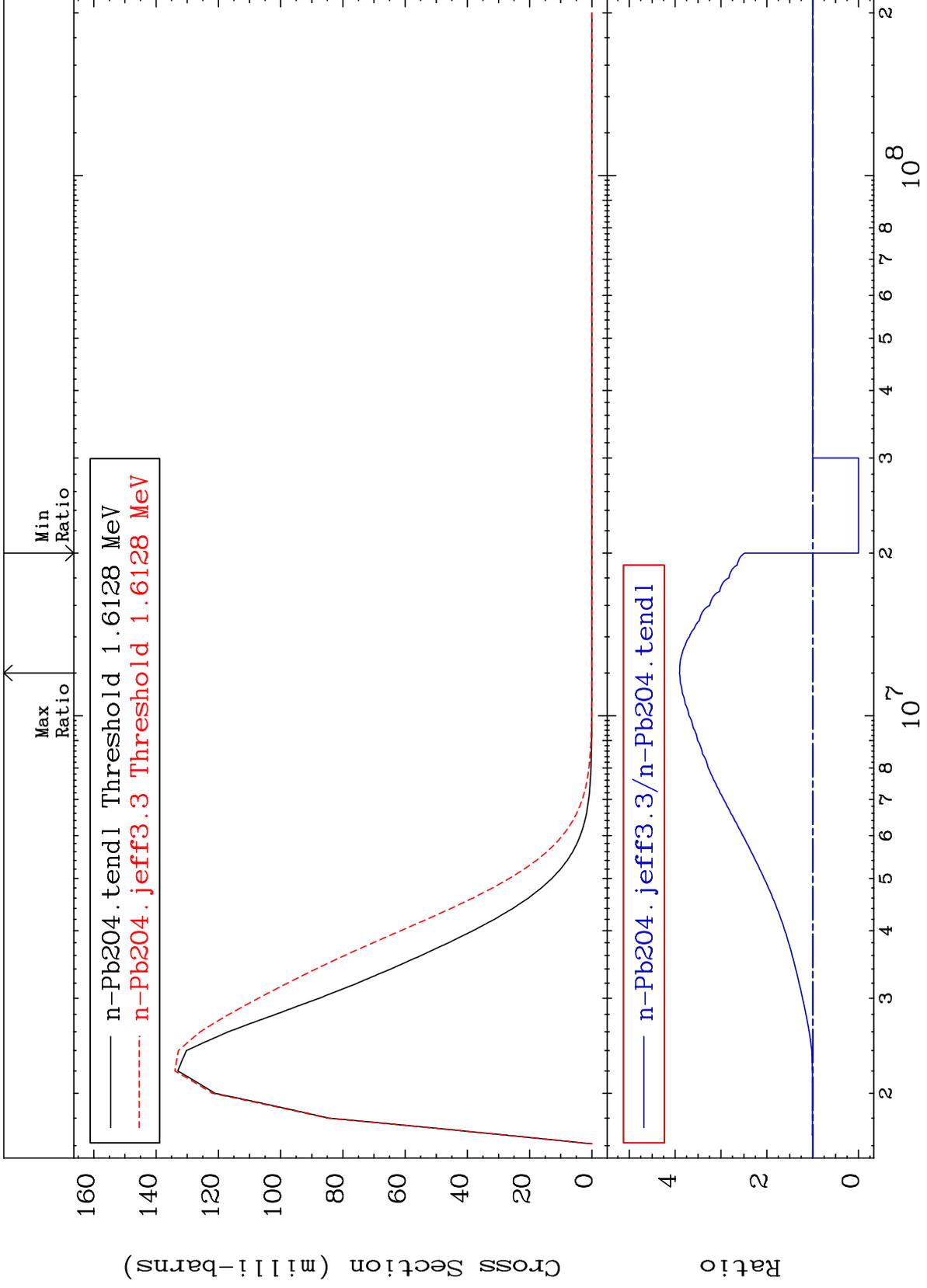
82-Pb-204
-100.0 To 341.5 %



MAT 8225

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

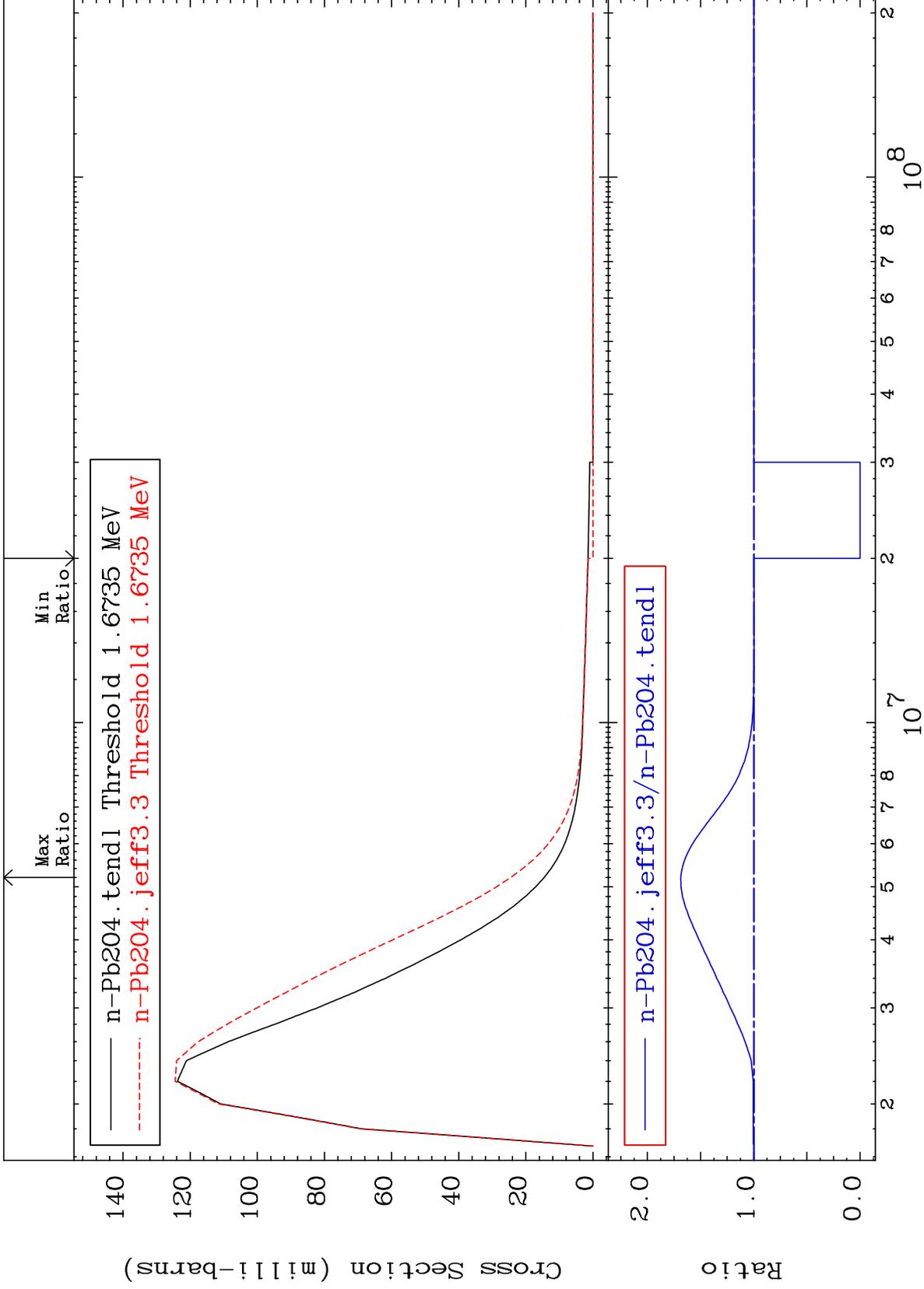
82-Pb-204
-100.0 To 290.5 %



MAT 8225

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

82-Pb-204
-100.0 To 68.60 %



20

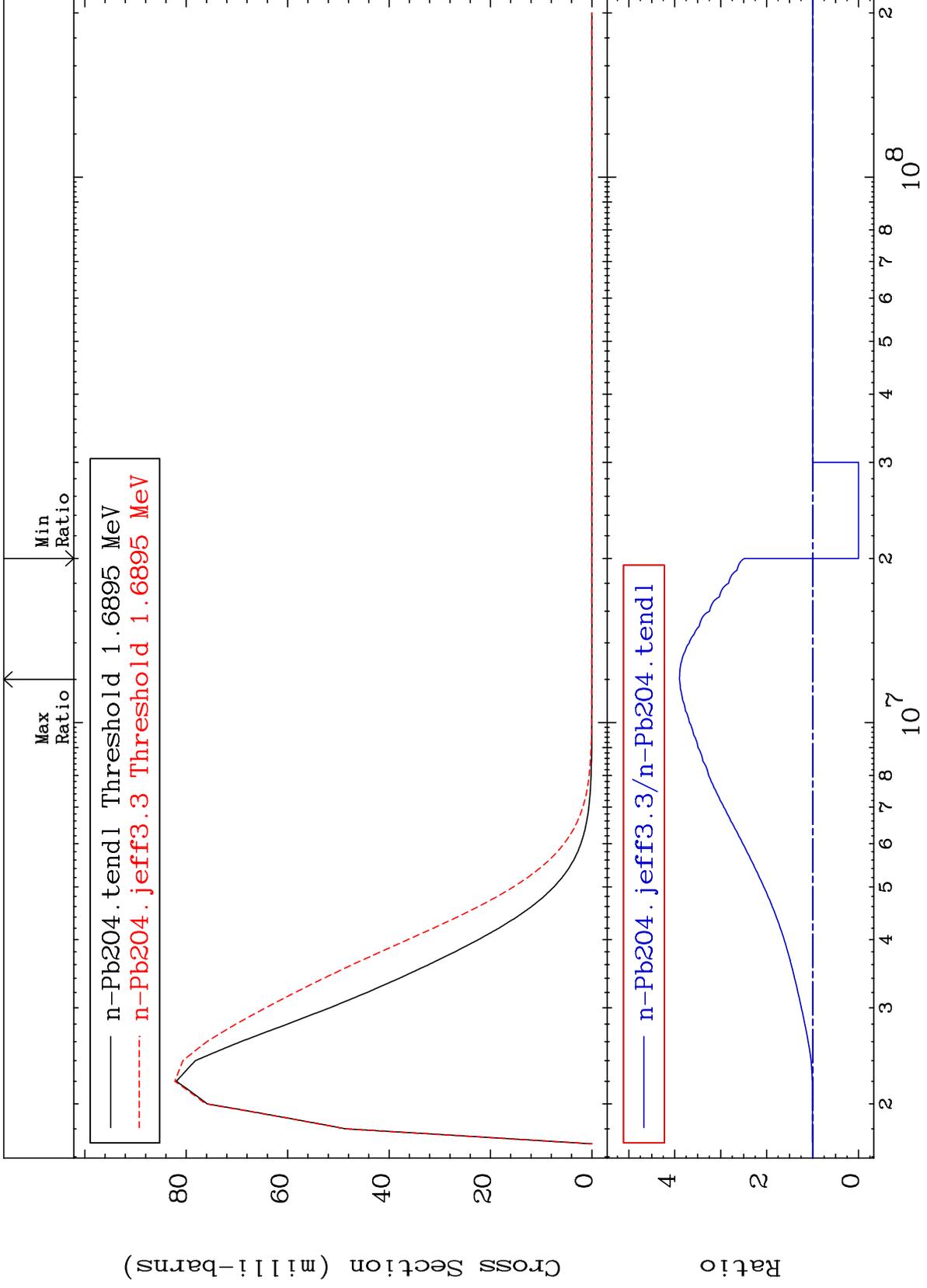
Incident Energy (eV)

82-Pb-204

MAT 8225

MT= 59 (n,n') Level
Cross Section

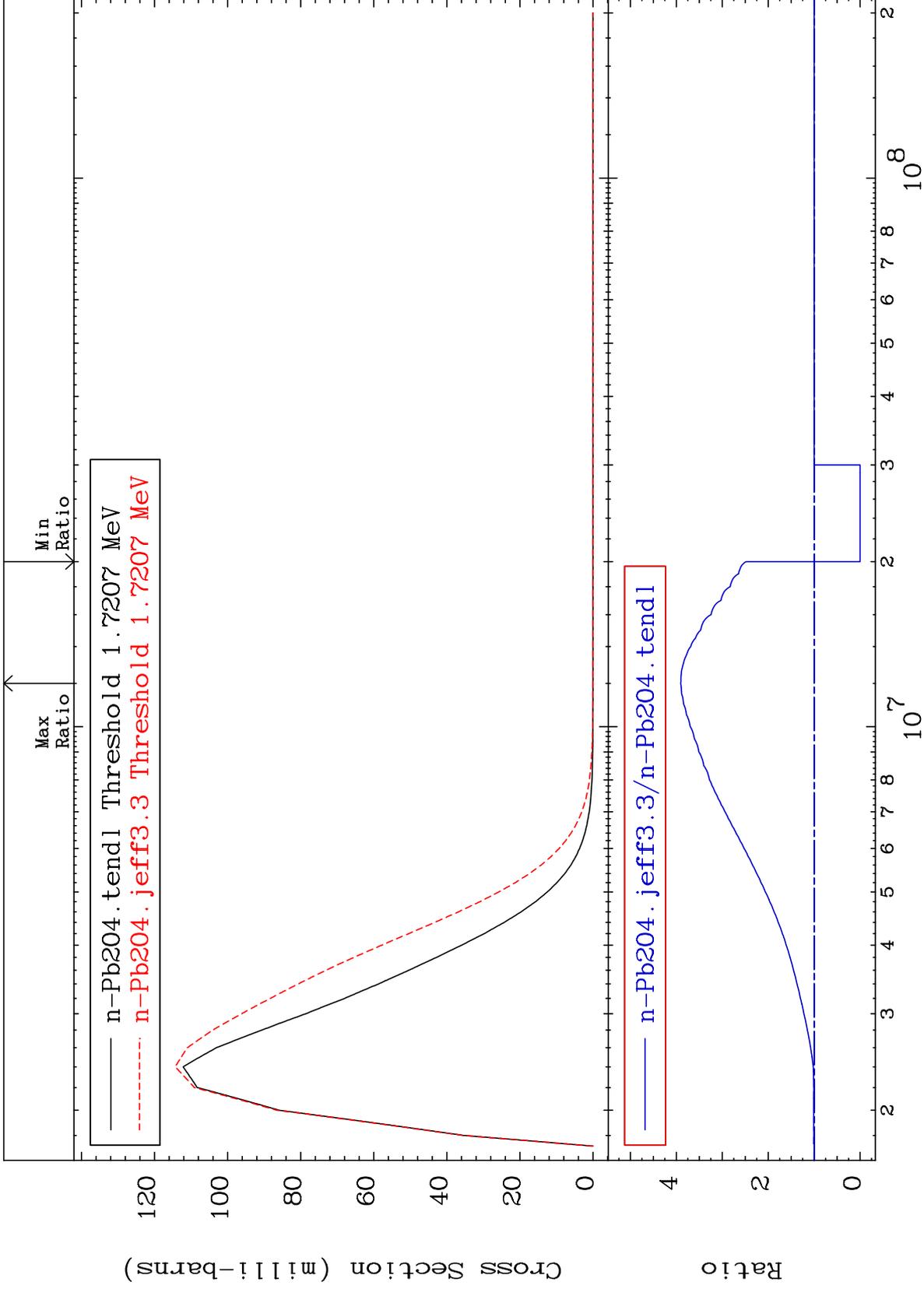
82-Pb-204
-100.0 To 289.6 %



MAT 8225

MT= 60 (n,n') Level
Cross Section

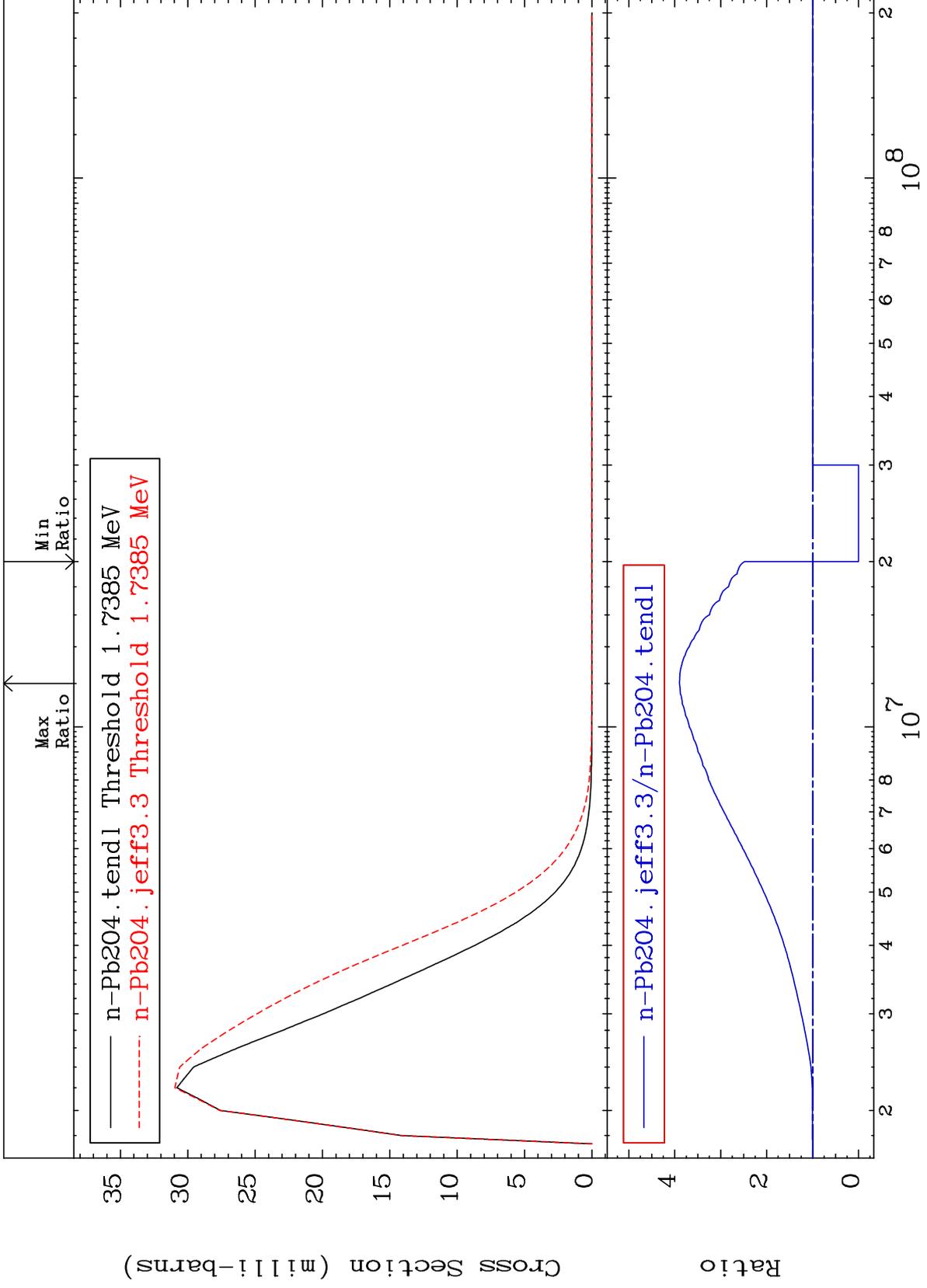
82-Pb-204
-100.0 To 290.5 %



MAT 8225

MT= 61 (n,n') Level
Cross Section

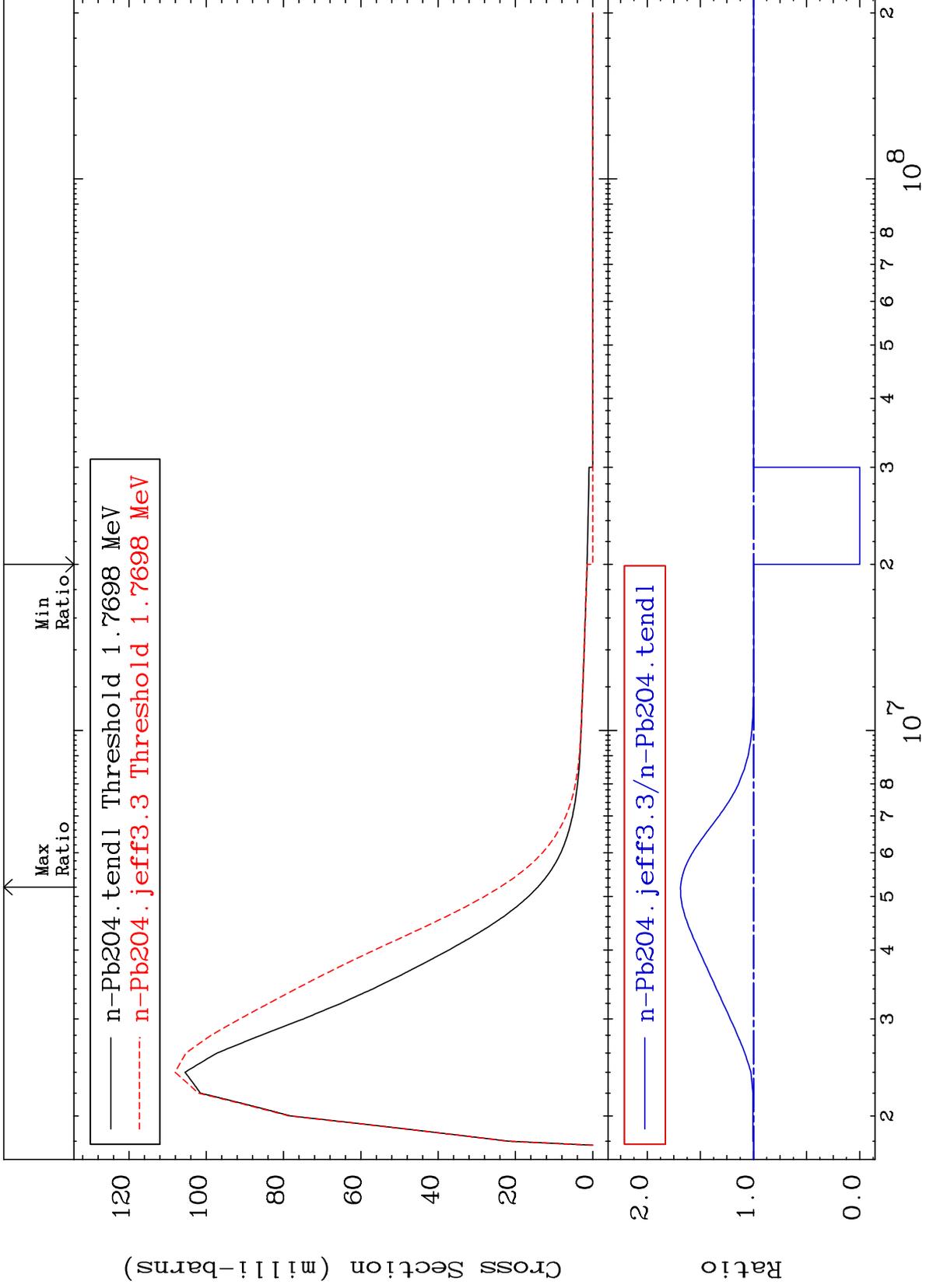
82-Pb-204
-100.0 To 289.7 %



MAT 8225

MT= 62 (n,n') Level
Cross Section

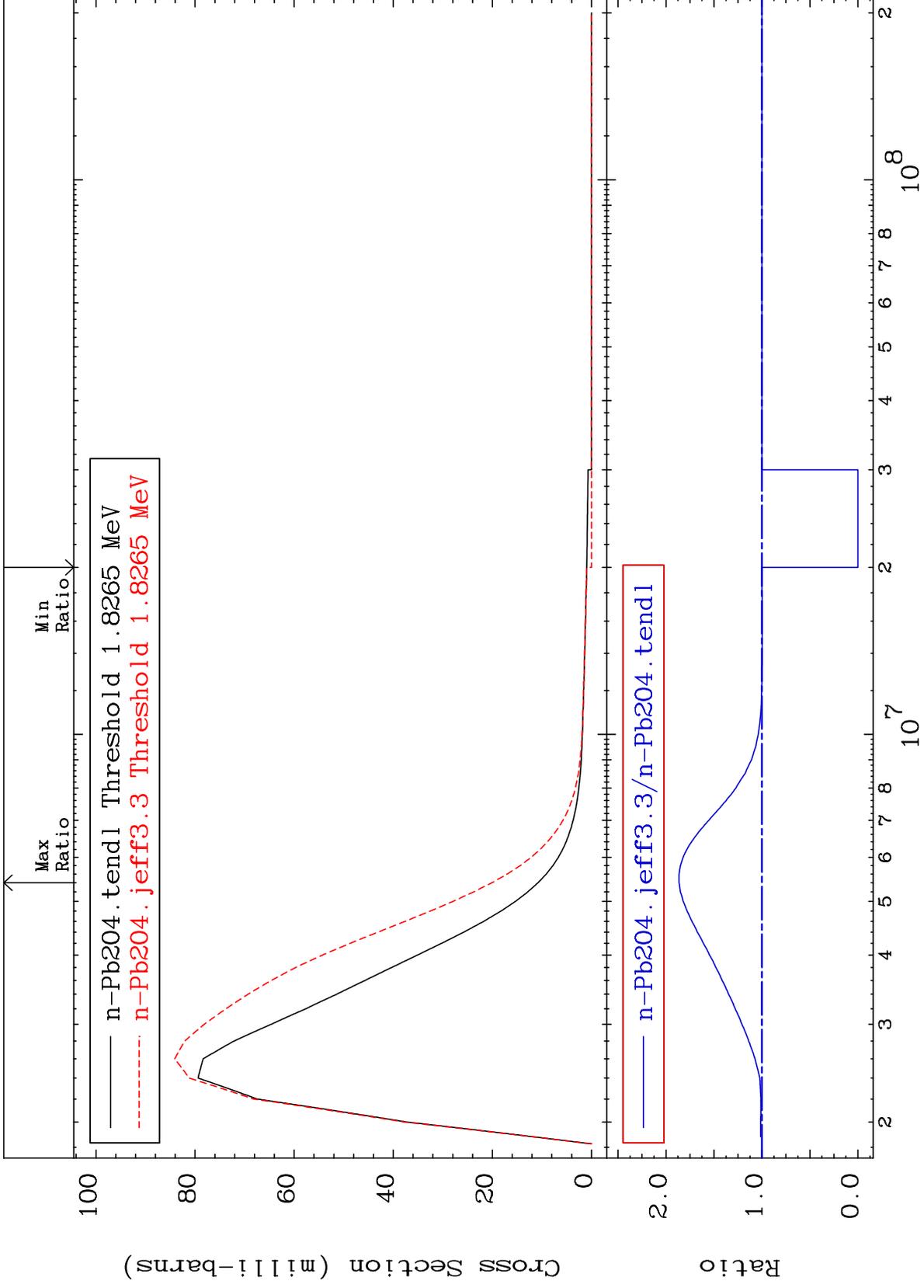
82-Pb-204
-100.0 To 68.65 %



MAT 8225

MT= 63 (n,n') Level
Cross Section

82-Pb-204
-100.0 To 86.40 %



25

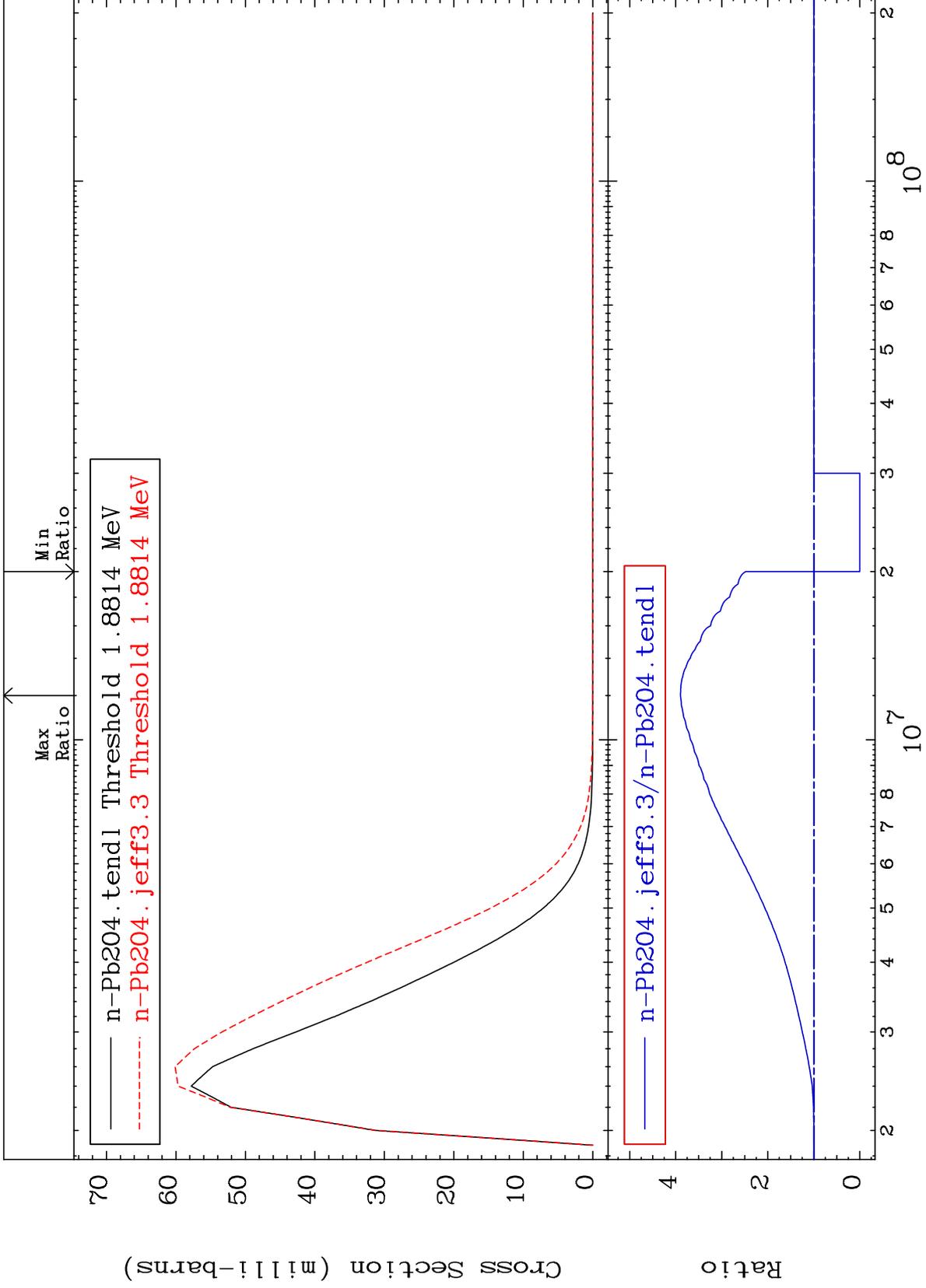
Incident Energy (eV)

82-Pb-204

MAT 8225

MT= 64 (n, n') Level
Cross Section

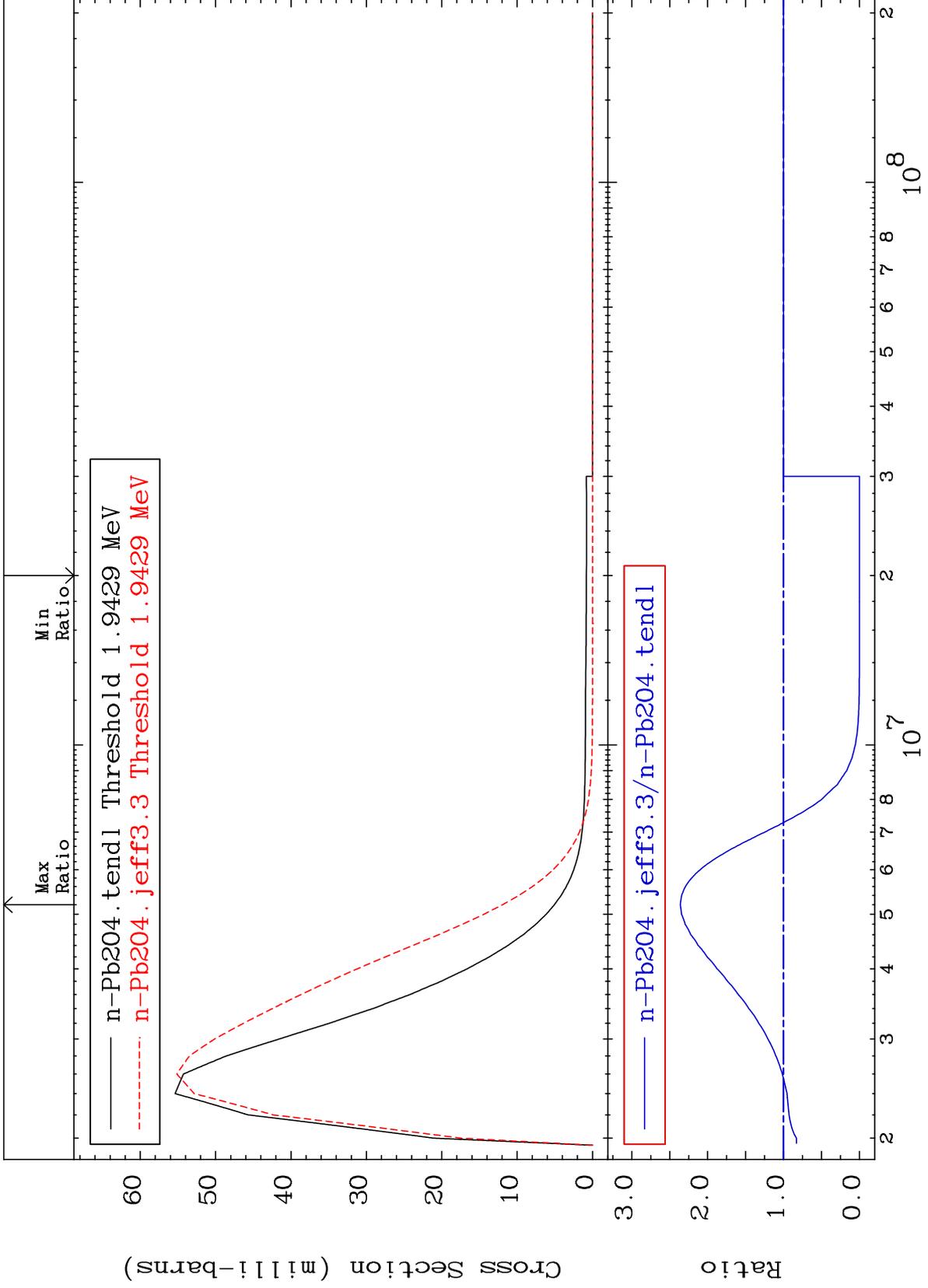
82-Pb-204
-100.0 To 289.5 %



MAT 8225

MT= 65 (n,n') Level
Cross Section

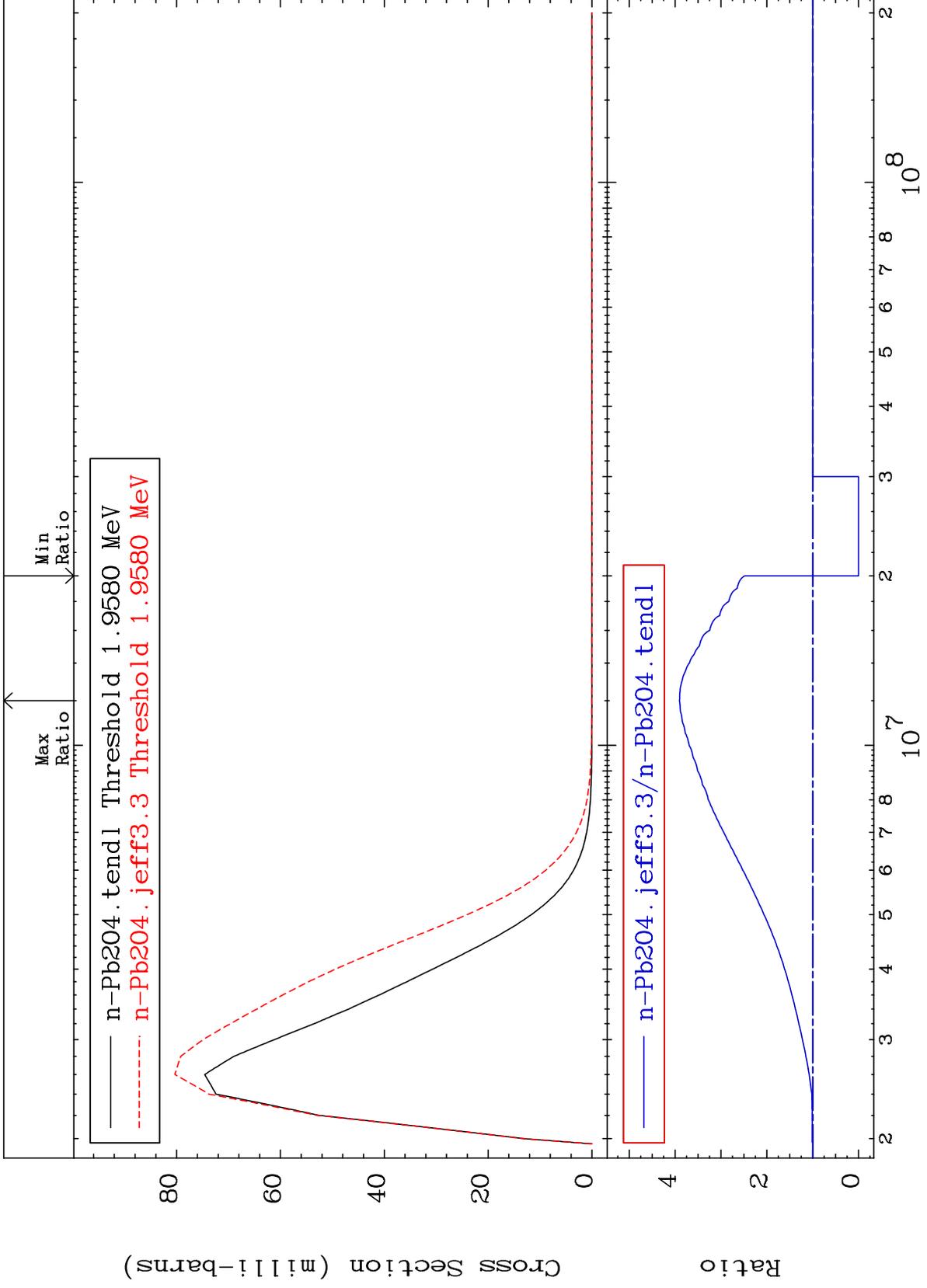
82-Pb-204
-100.0 To 136.1 %



MAT 8225

MT= 66 (n,n') Level
Cross Section

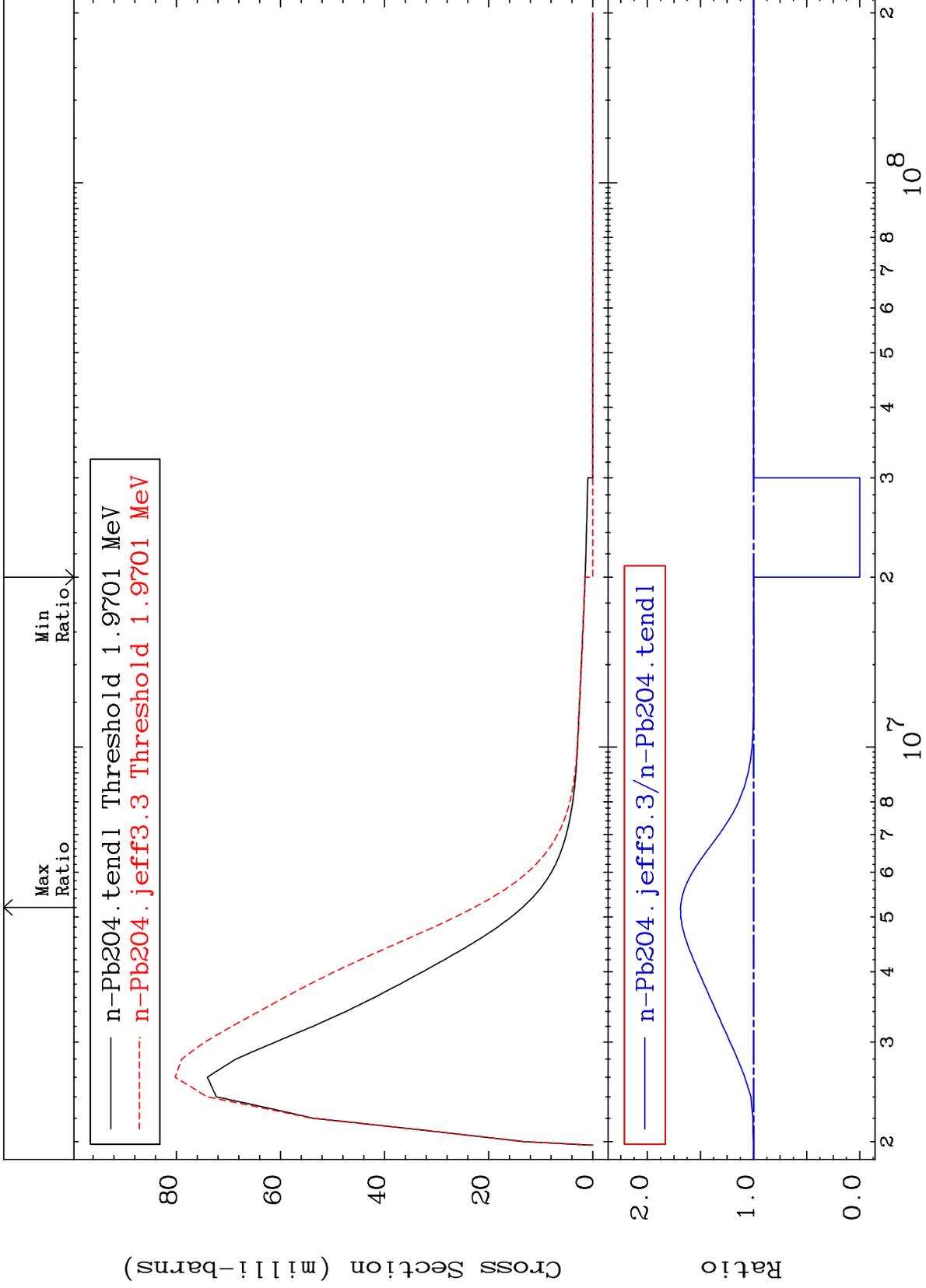
82-Pb-204
-100.0 To 290.4 %



MAT 8225

MT= 67 (n,n') Level
Cross Section

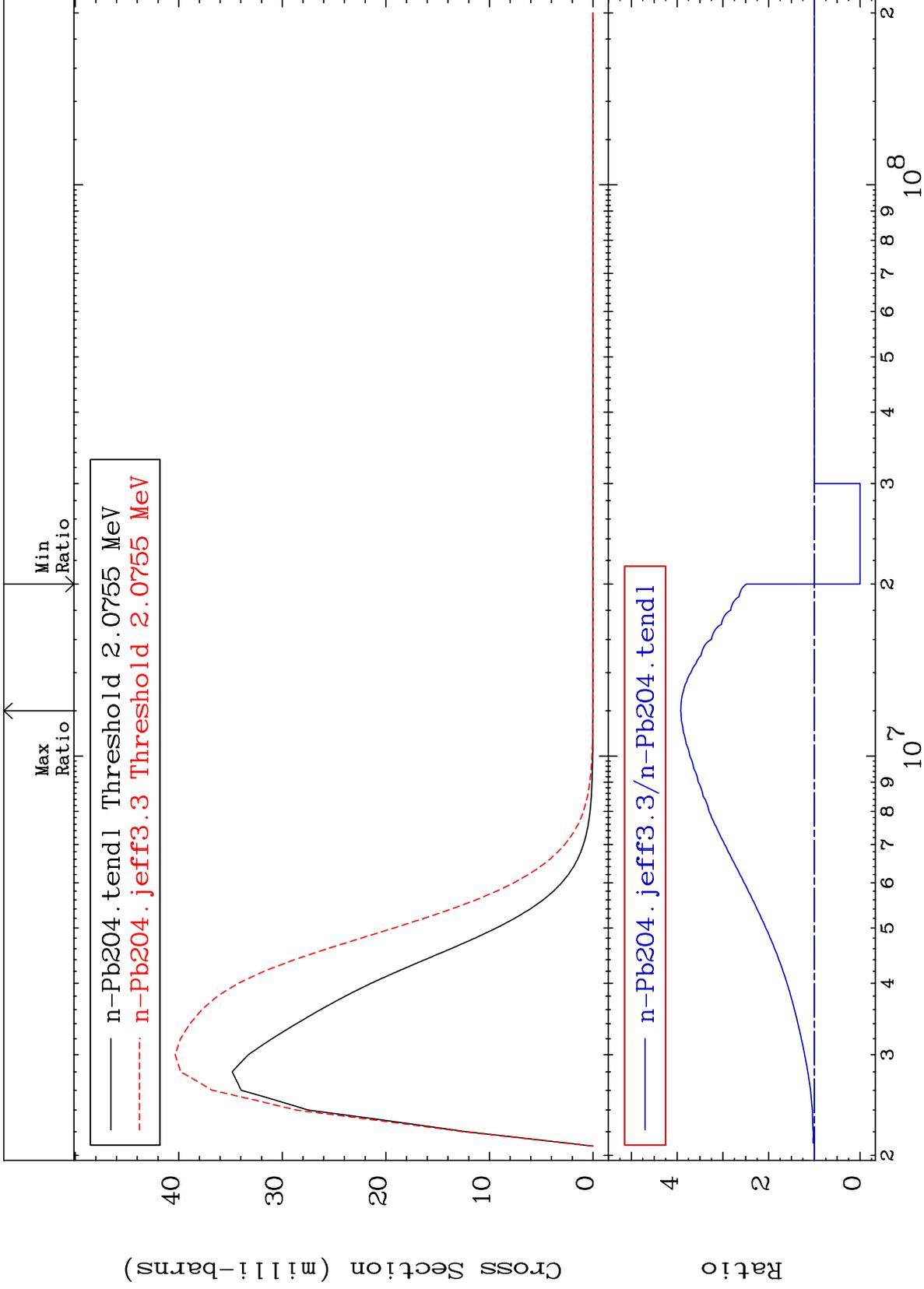
82-Pb-204
-100.0 To 68.79 %



MAT 8225

MT= 68 (n,n') Level
Cross Section

82-Pb-204
-100.0 To 292.0 %



30

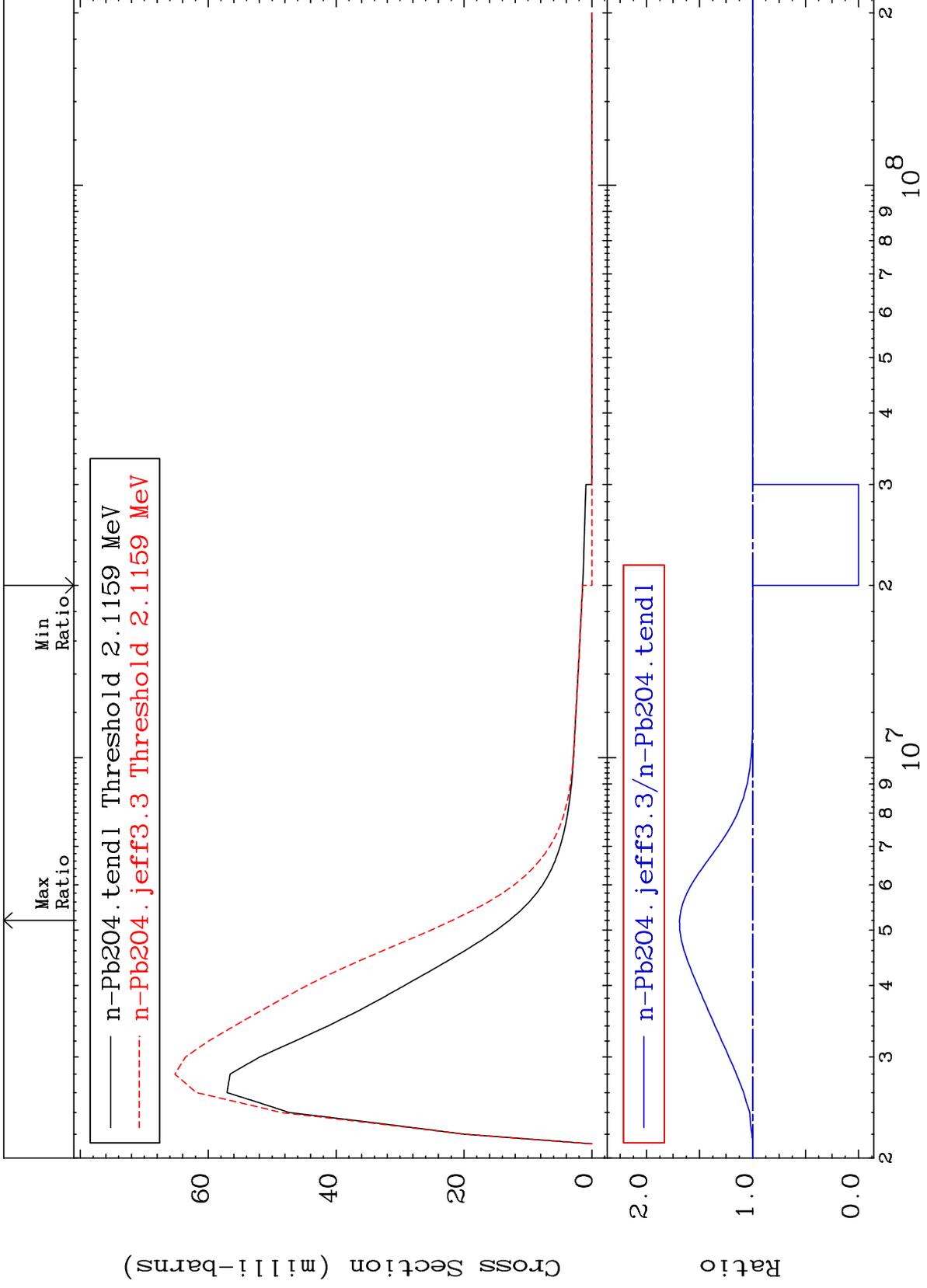
82-Pb-204

82-Pb-204

MAT 8225

MT= 69 (n,n') Level
Cross Section

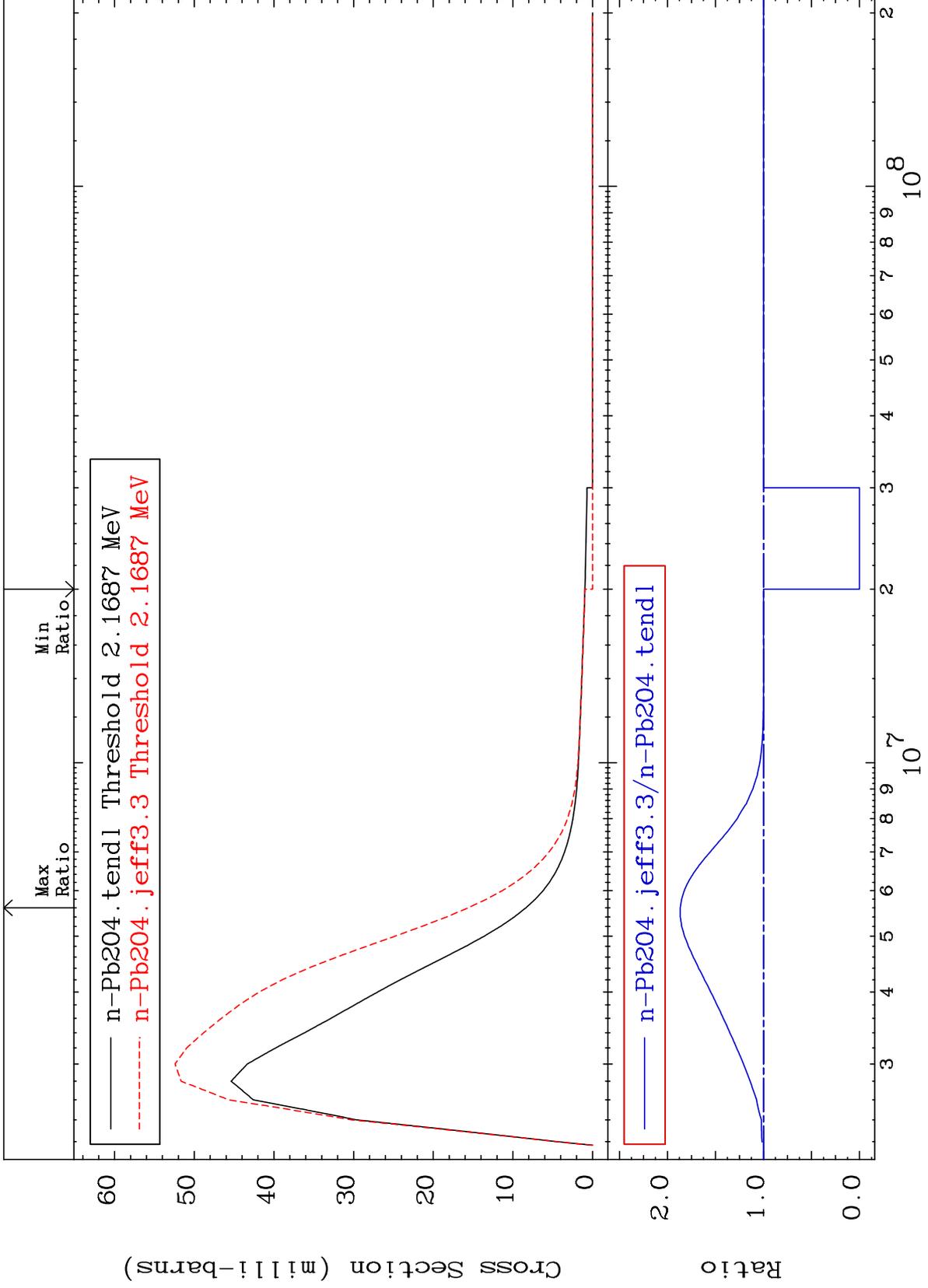
82-Pb-204
-100.0 To 68.92 %

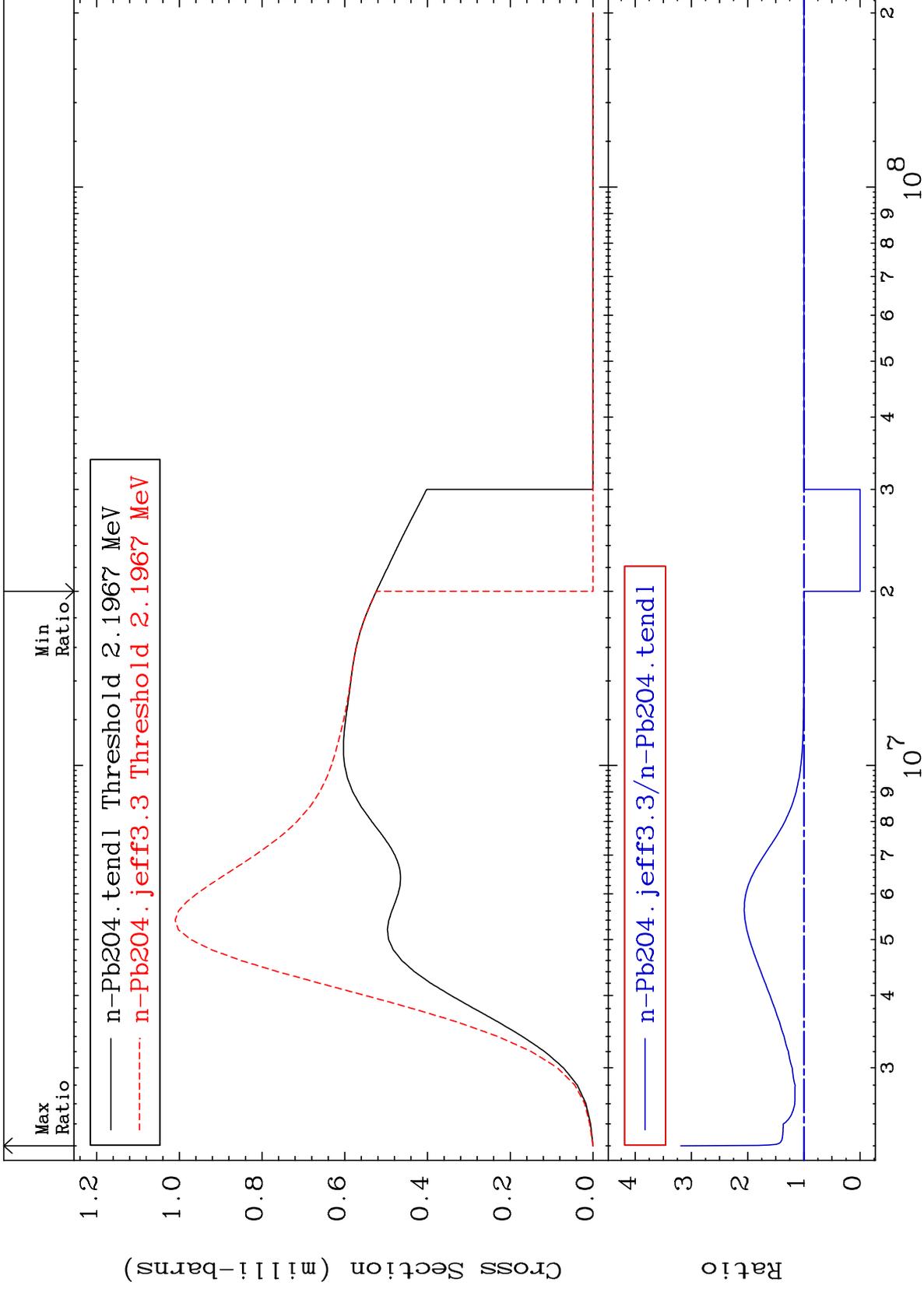


MAT 8225

MT= 70 (n,n') Level
Cross Section

82-Pb-204
-100.0 To 86.68 %

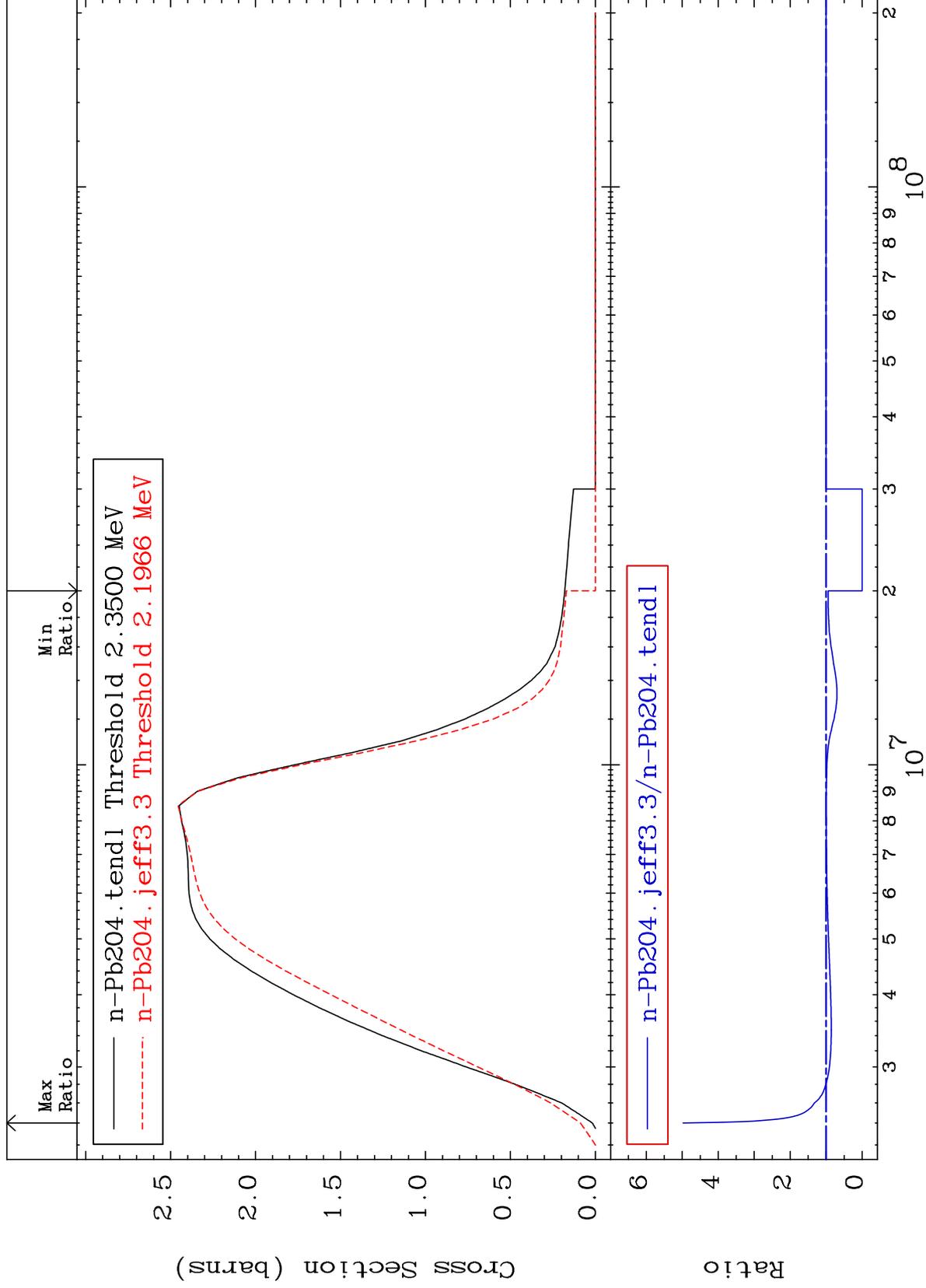




MAT 8225

(n, n') Continuum
Cross Section

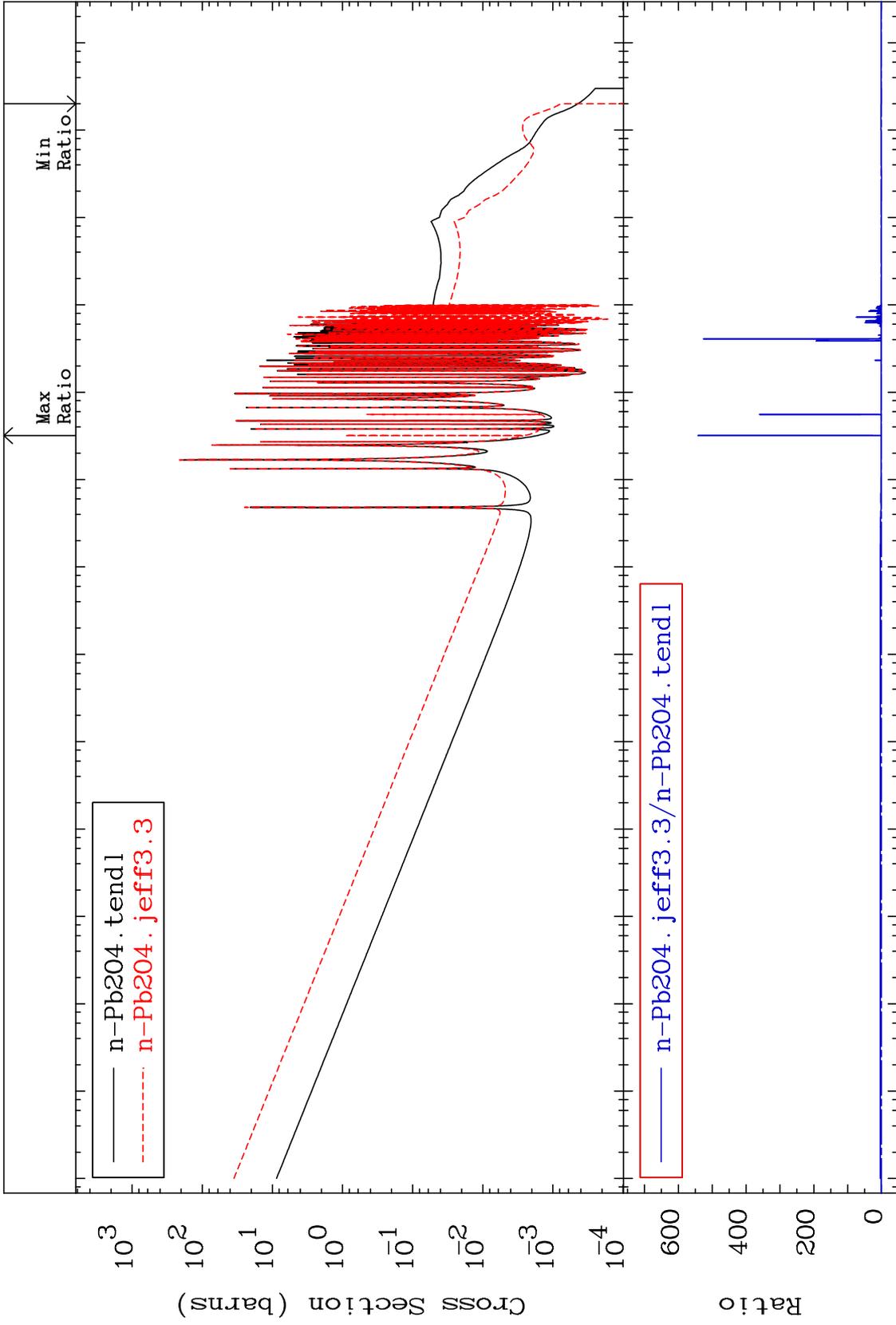
82-Pb-204
-100.0 To 397.8 %



MAT 8225

(n, γ)
Cross Section

82-Pb-204
-100.0 To 9999. %



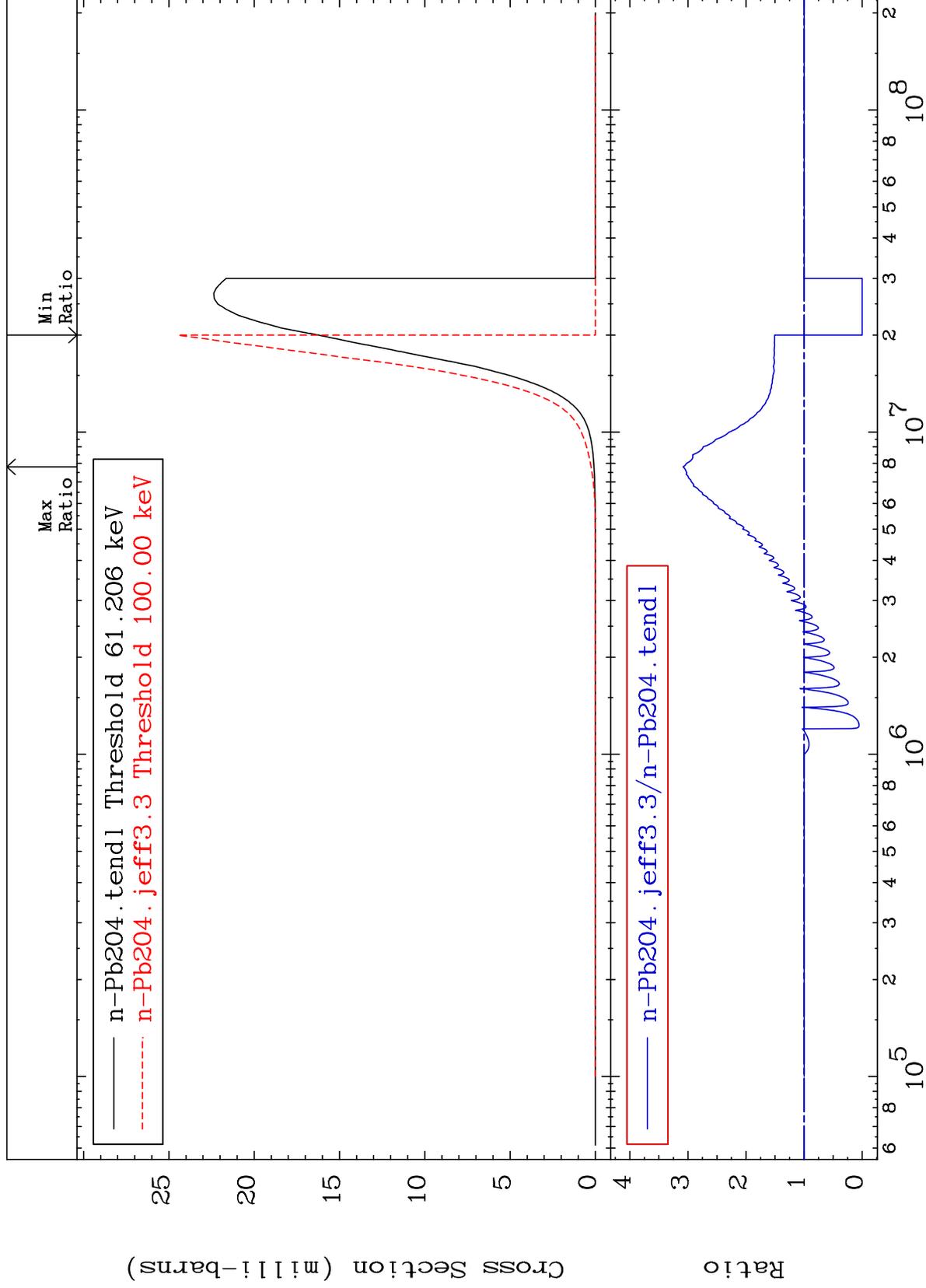
Incident Energy (eV)

82-Pb-204

35

MAT 8225

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

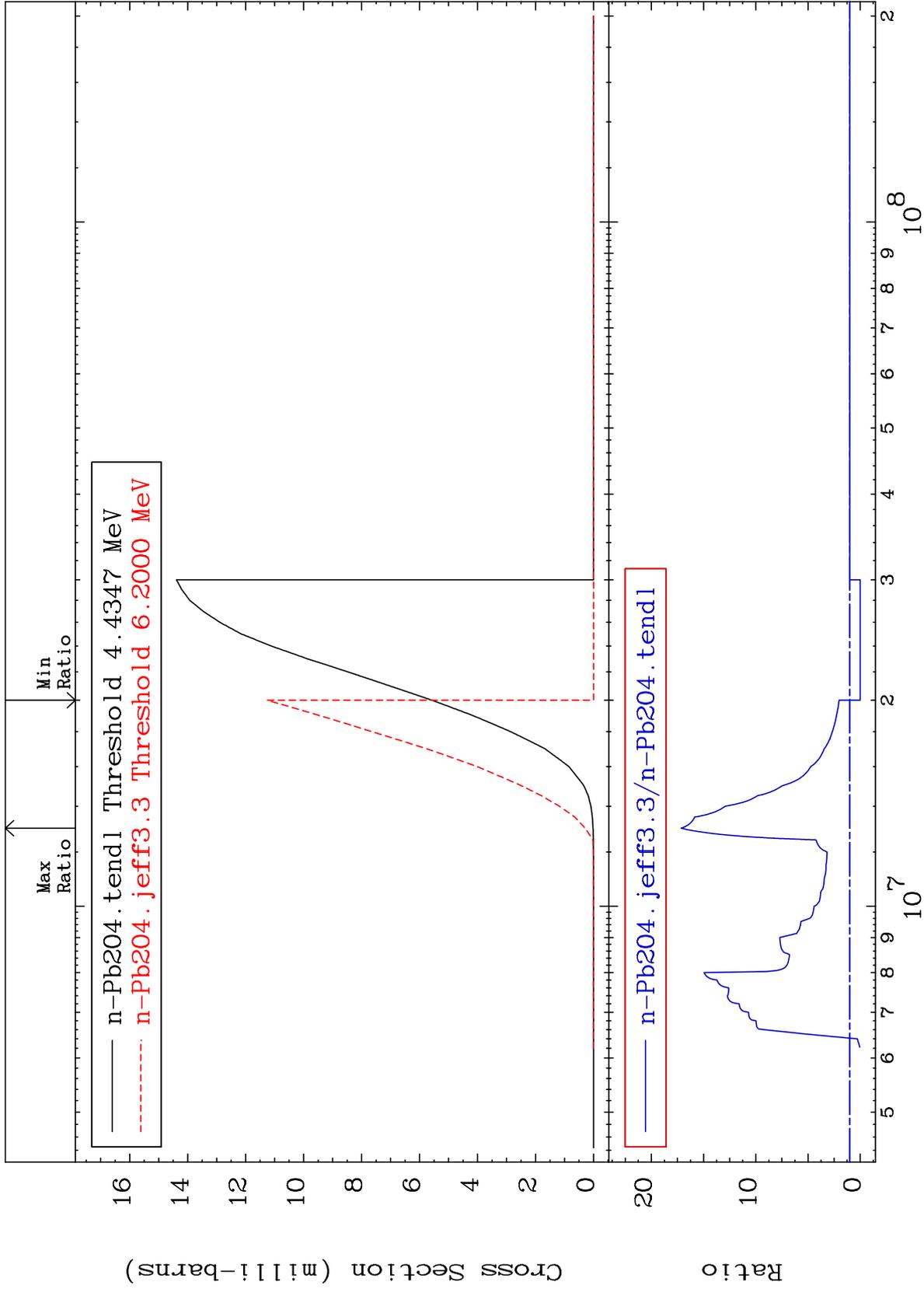


36

82-Pb-204

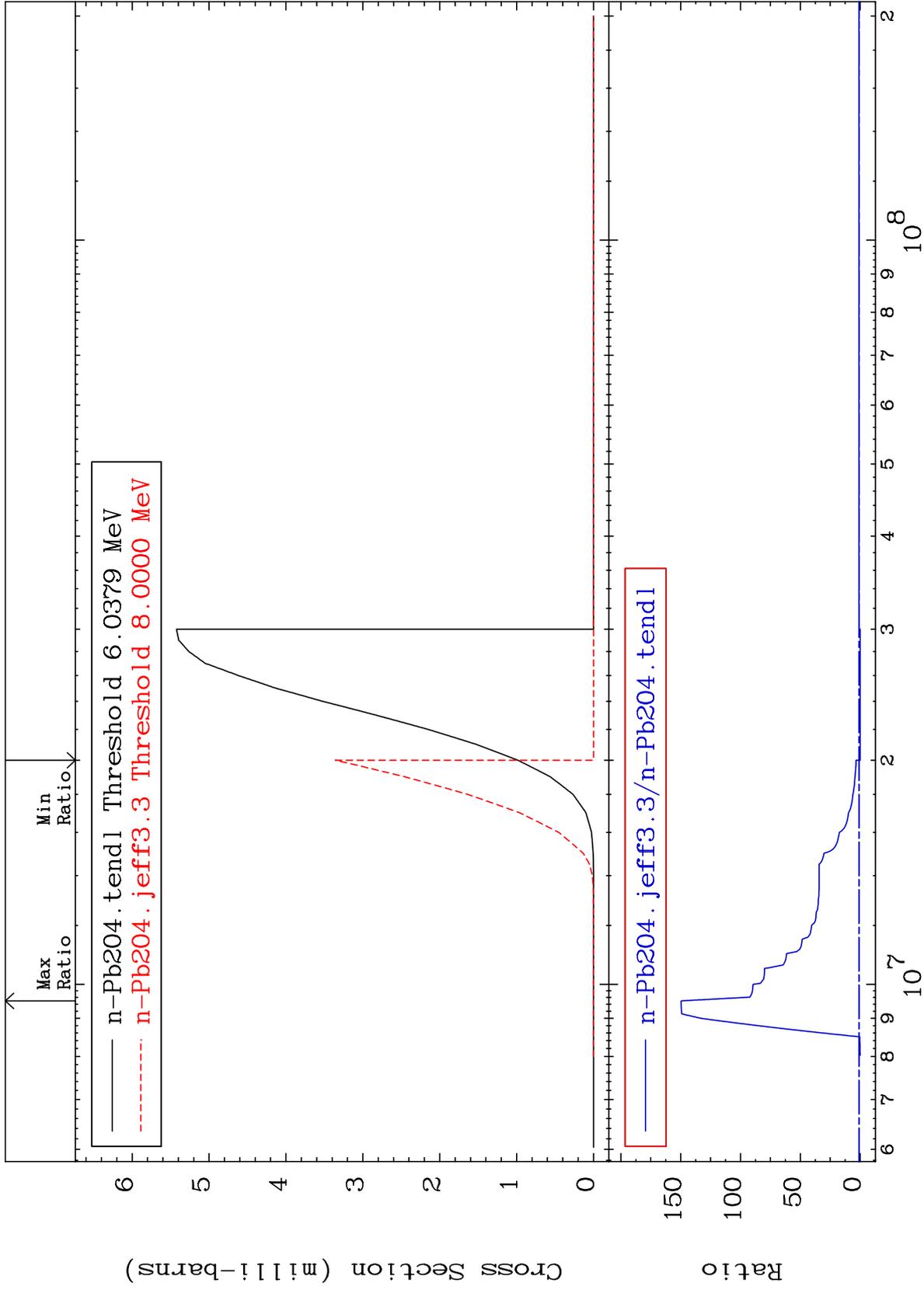
Cross Section

-100.0 To 1614. %



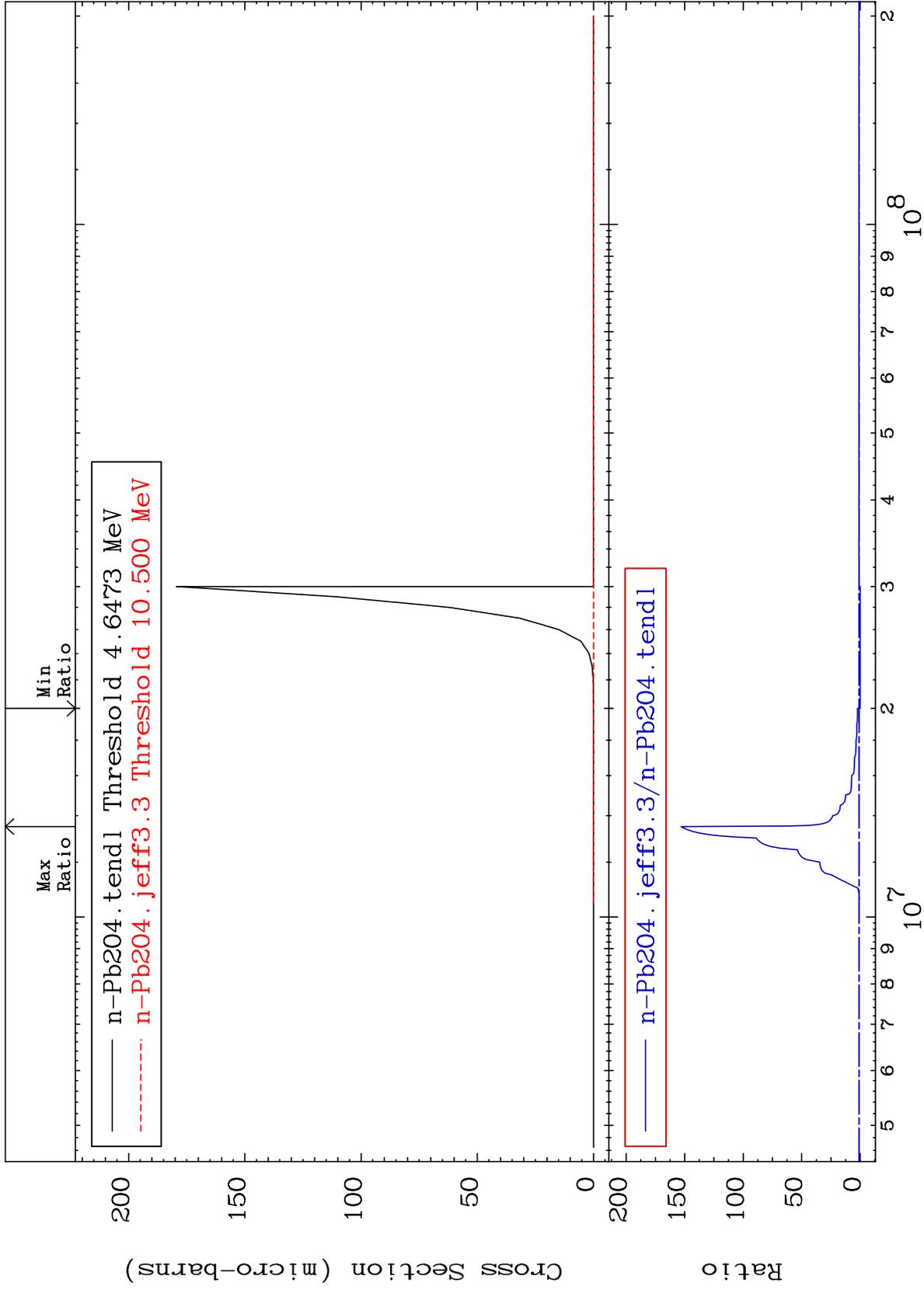
Cross Section

-100.0 To 9999. %



Cross Section

-100.0 To 9999. %



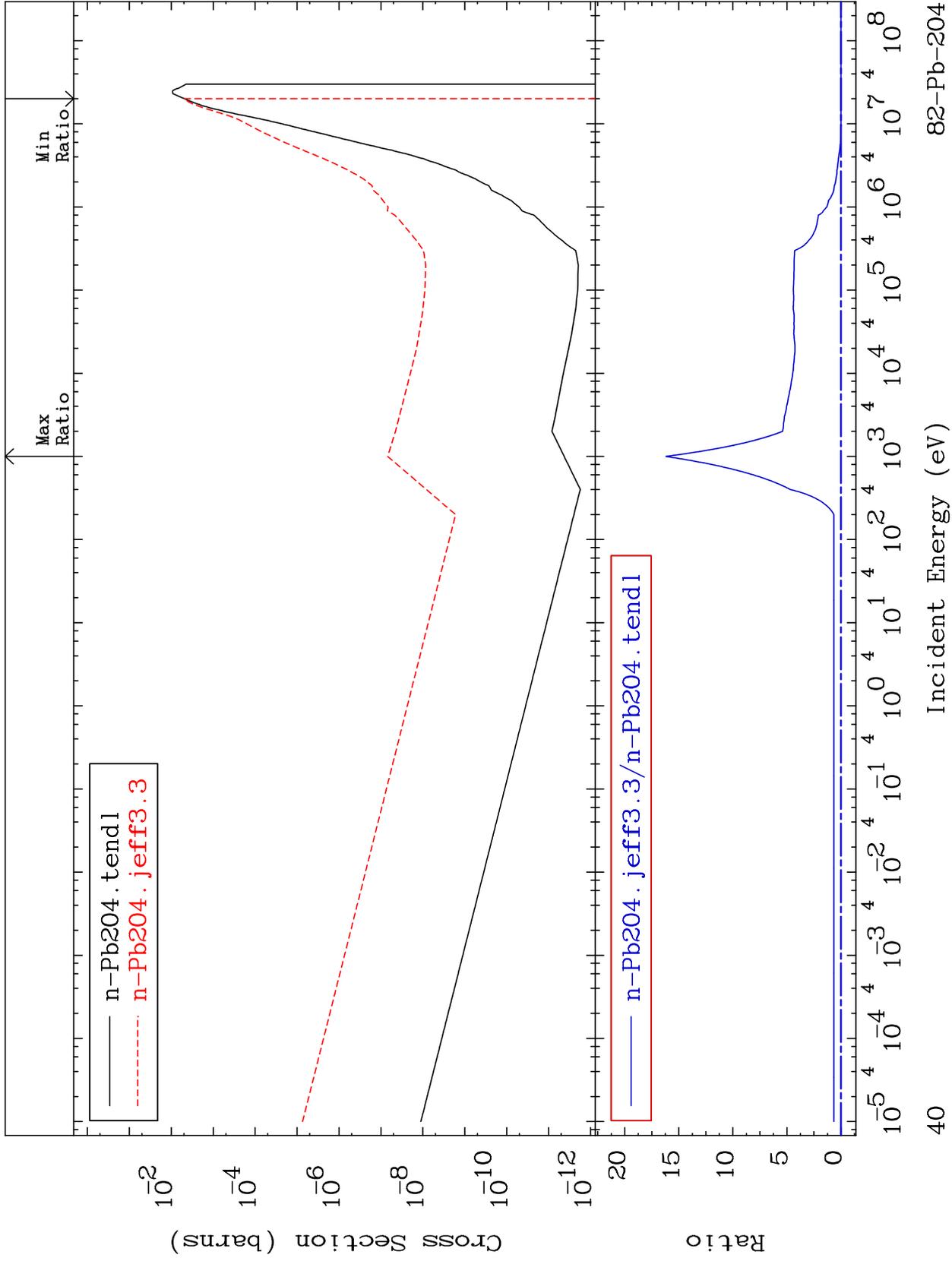
MAT 8225

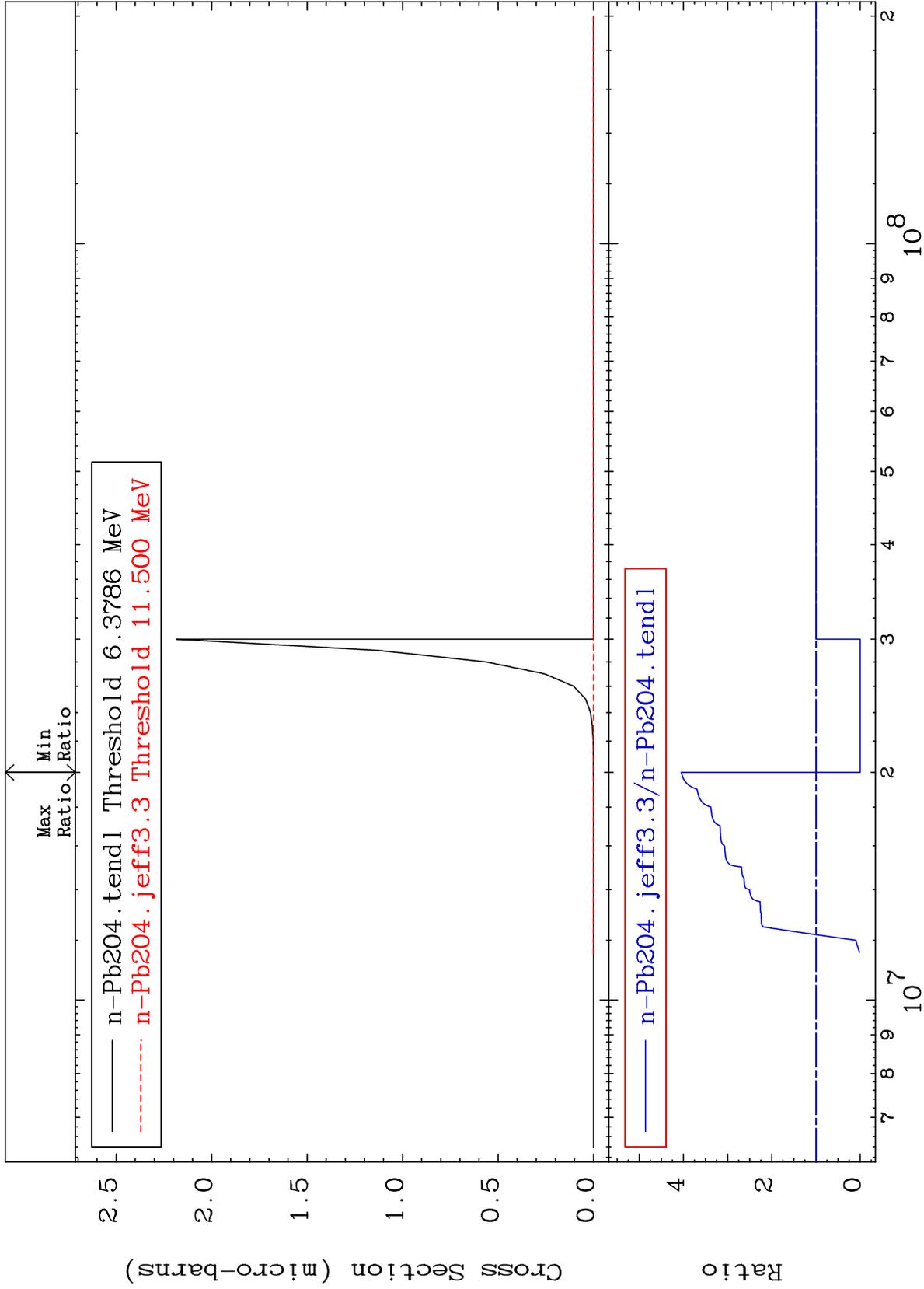
(n, α)

82-Pb-204

Cross Section

-100.0 To 9999. %

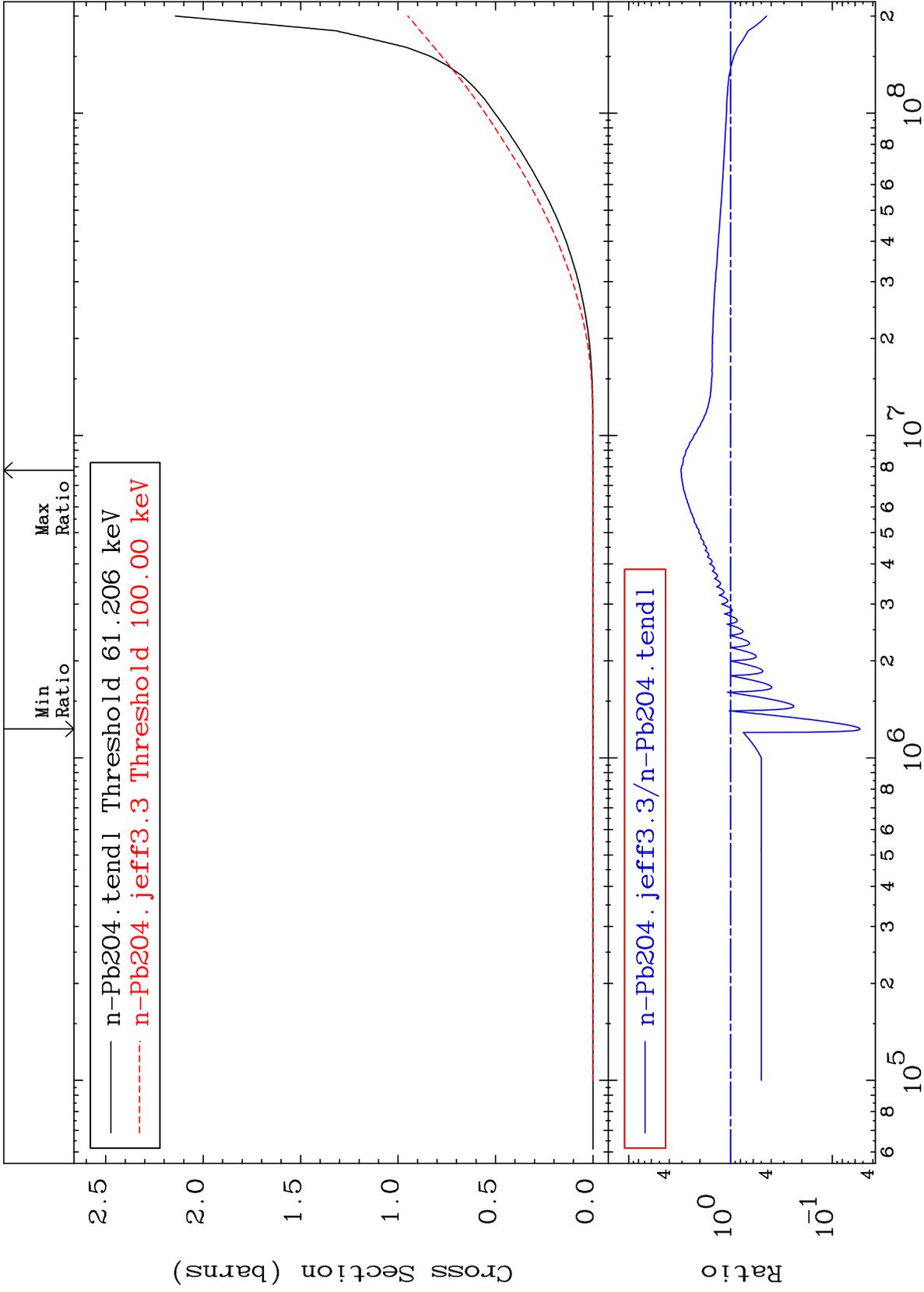


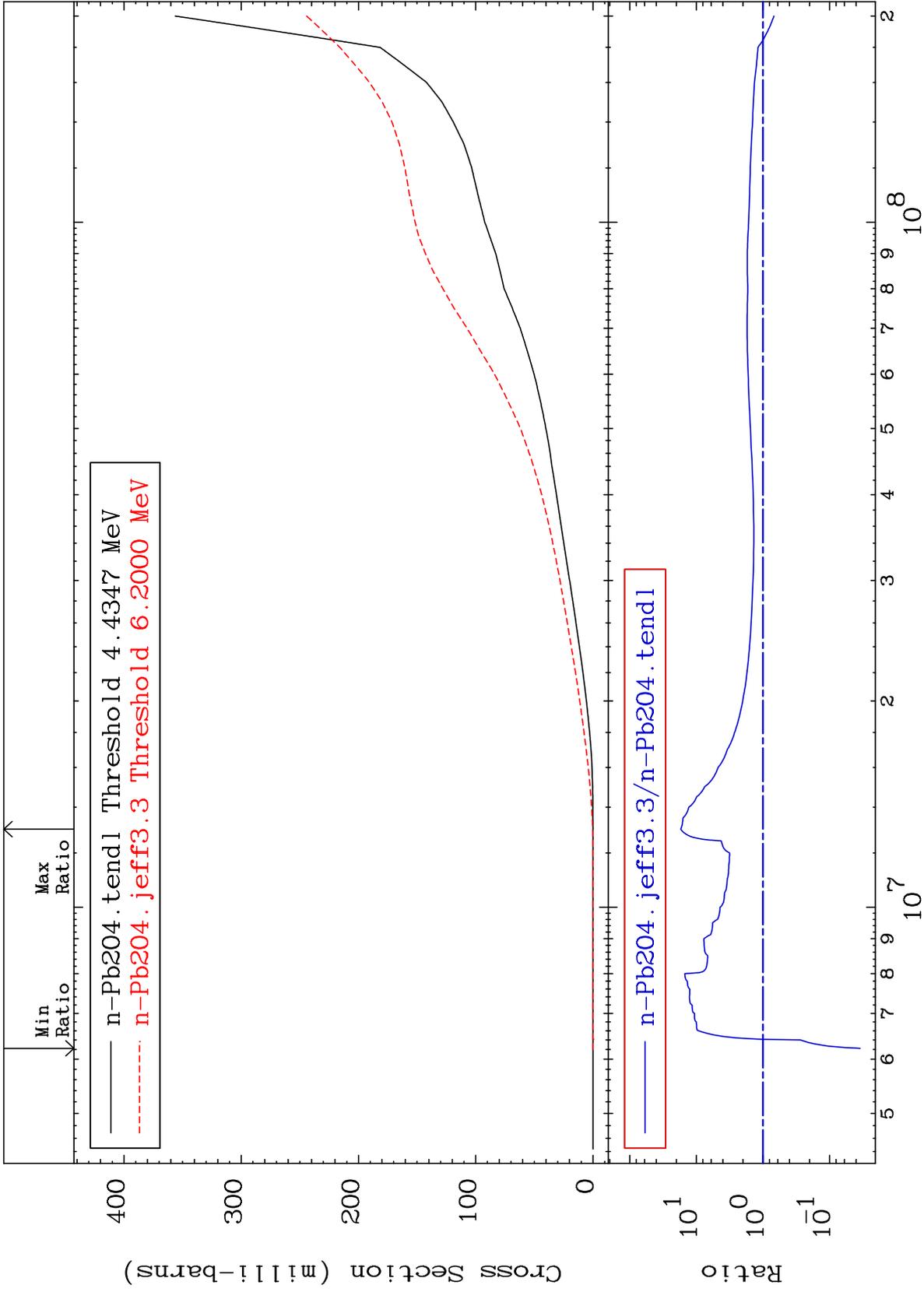


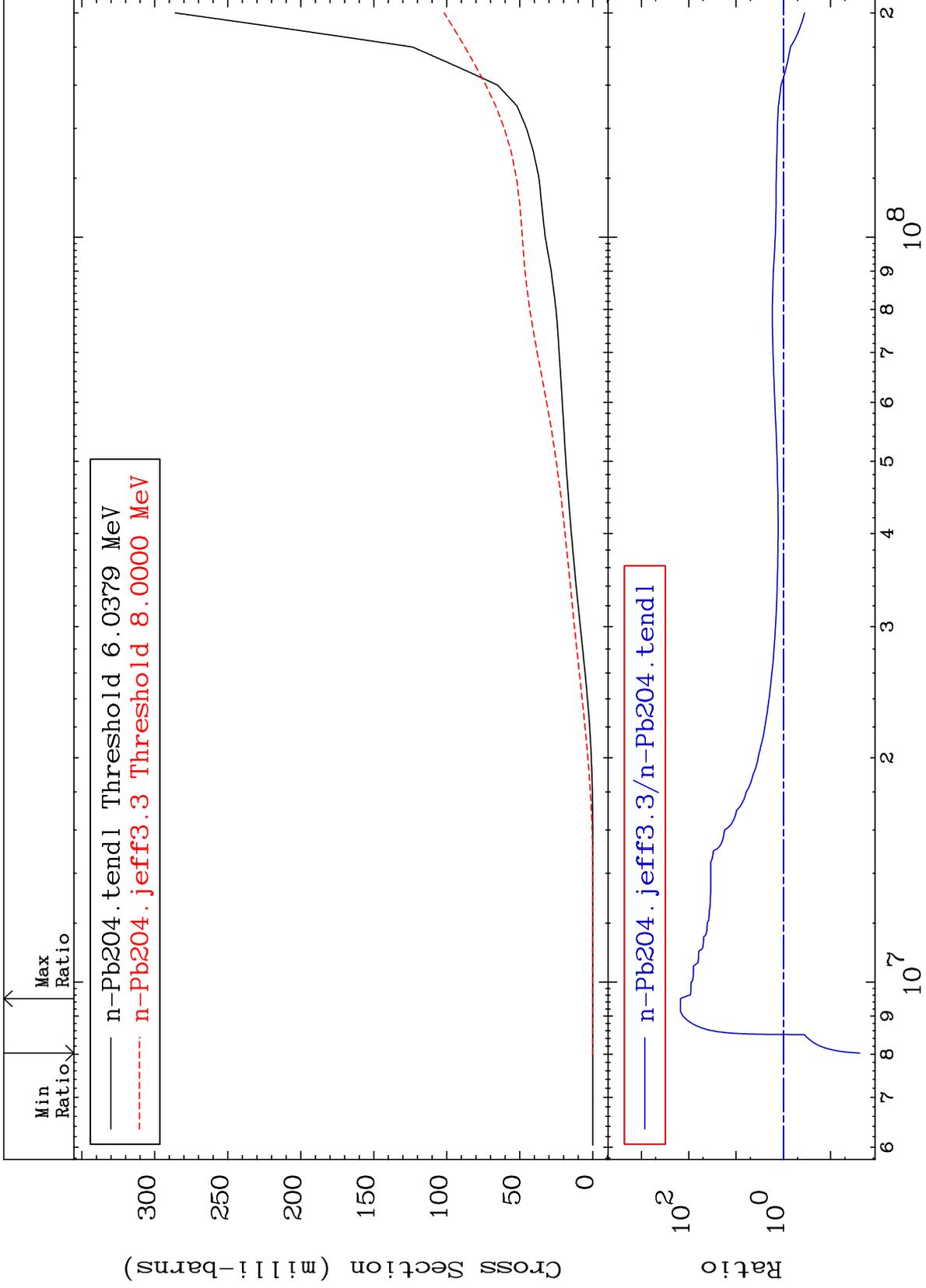
MAT 8225

Hydrogen Production
Cross Section

82-Pb-204
-94.65 To 208.4 %



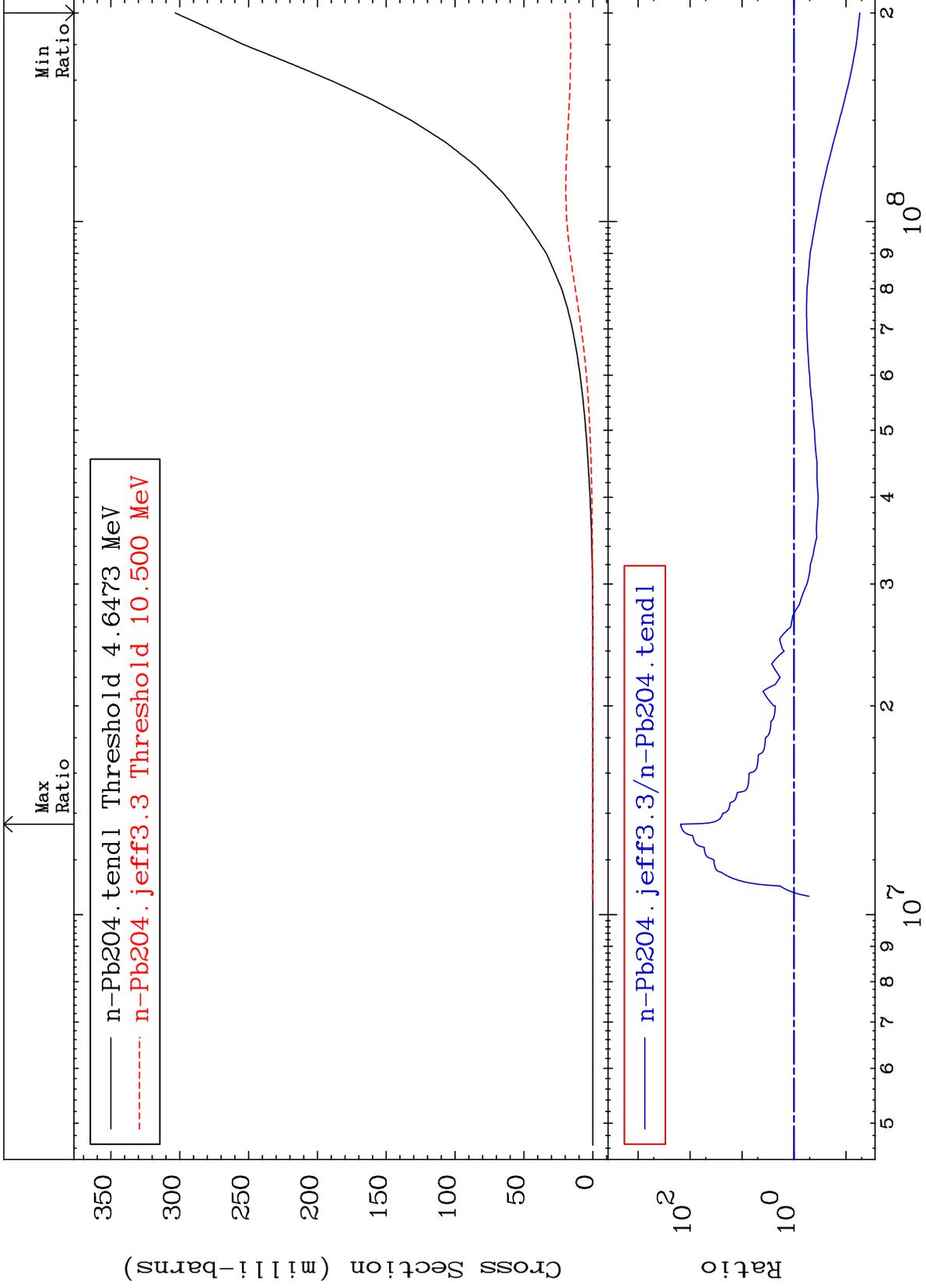




MAT 8225

He-3 Production
Cross Section

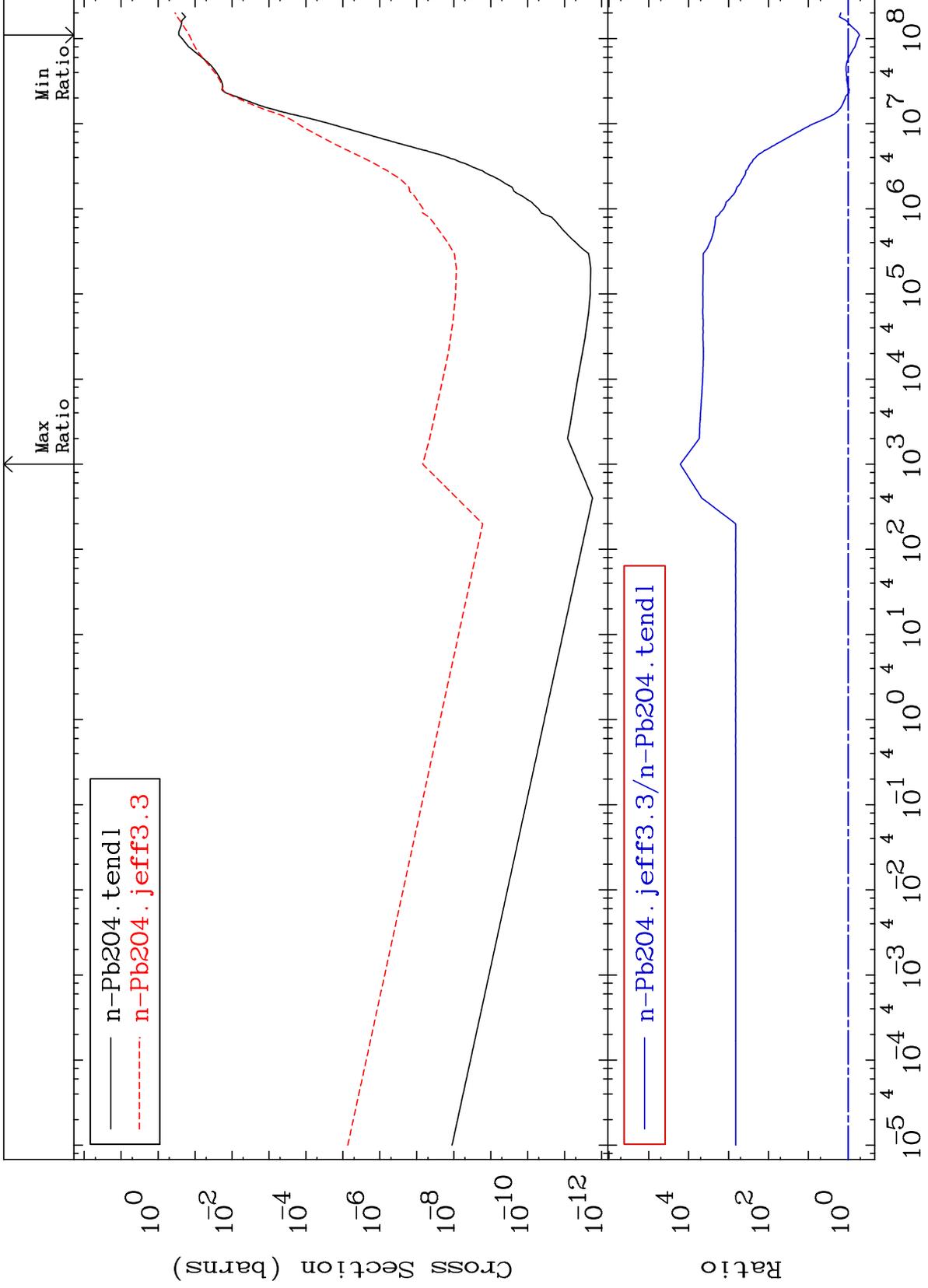
82-Pb-204
-94.59 To 9999. %

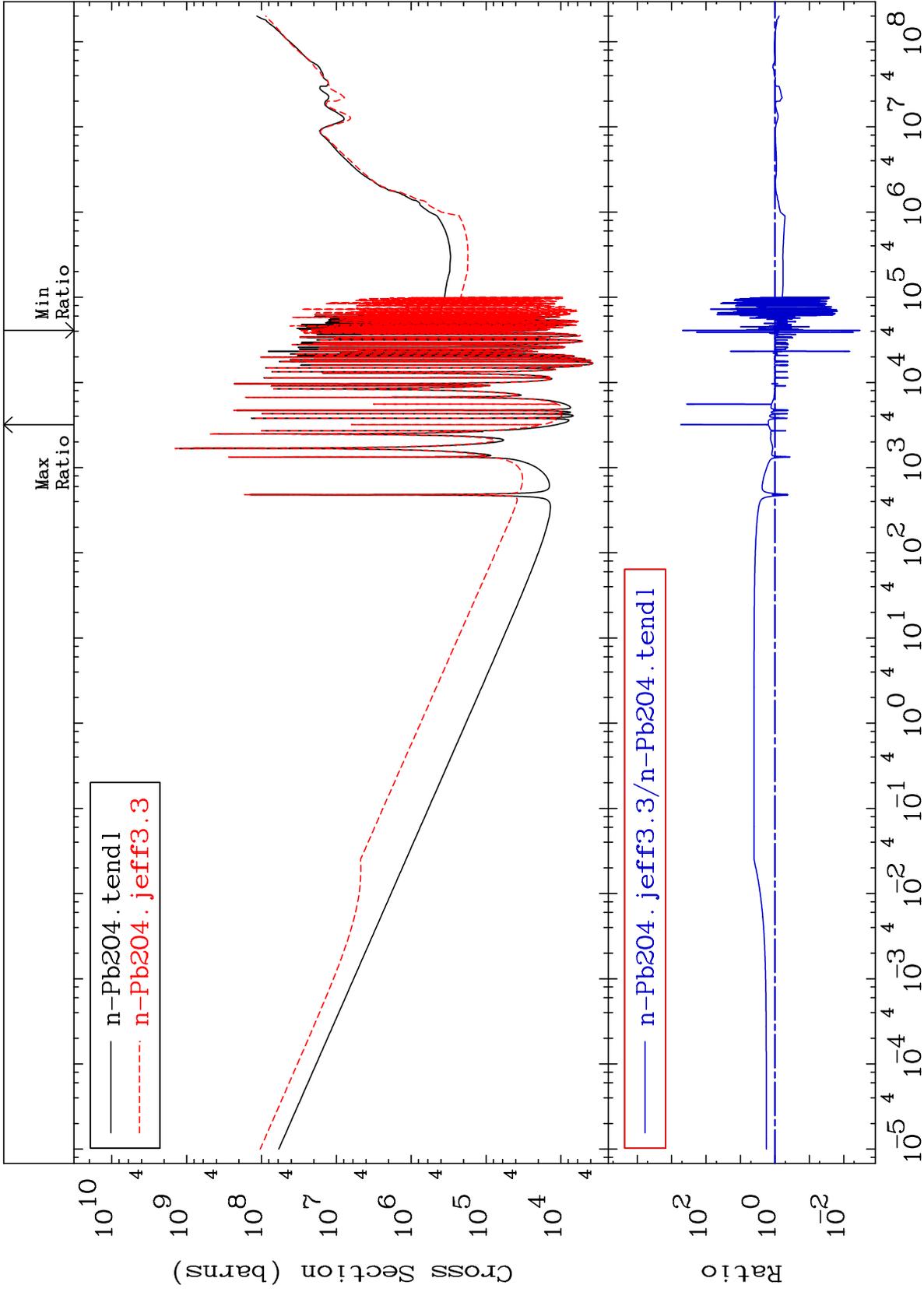


MAT 8225

He-4 Production
Cross Section

82-Pb-204
-47.55 To 9999. %

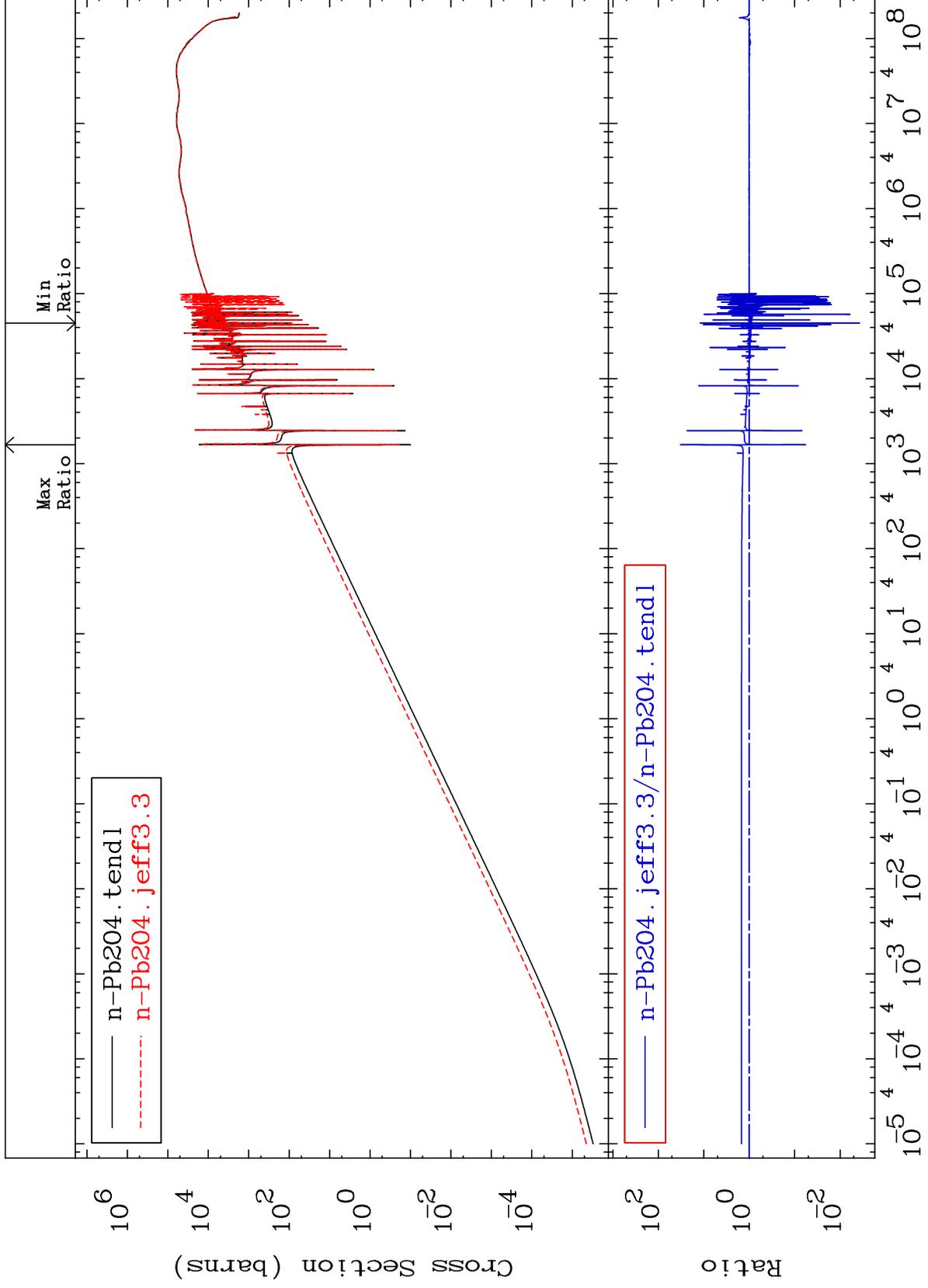


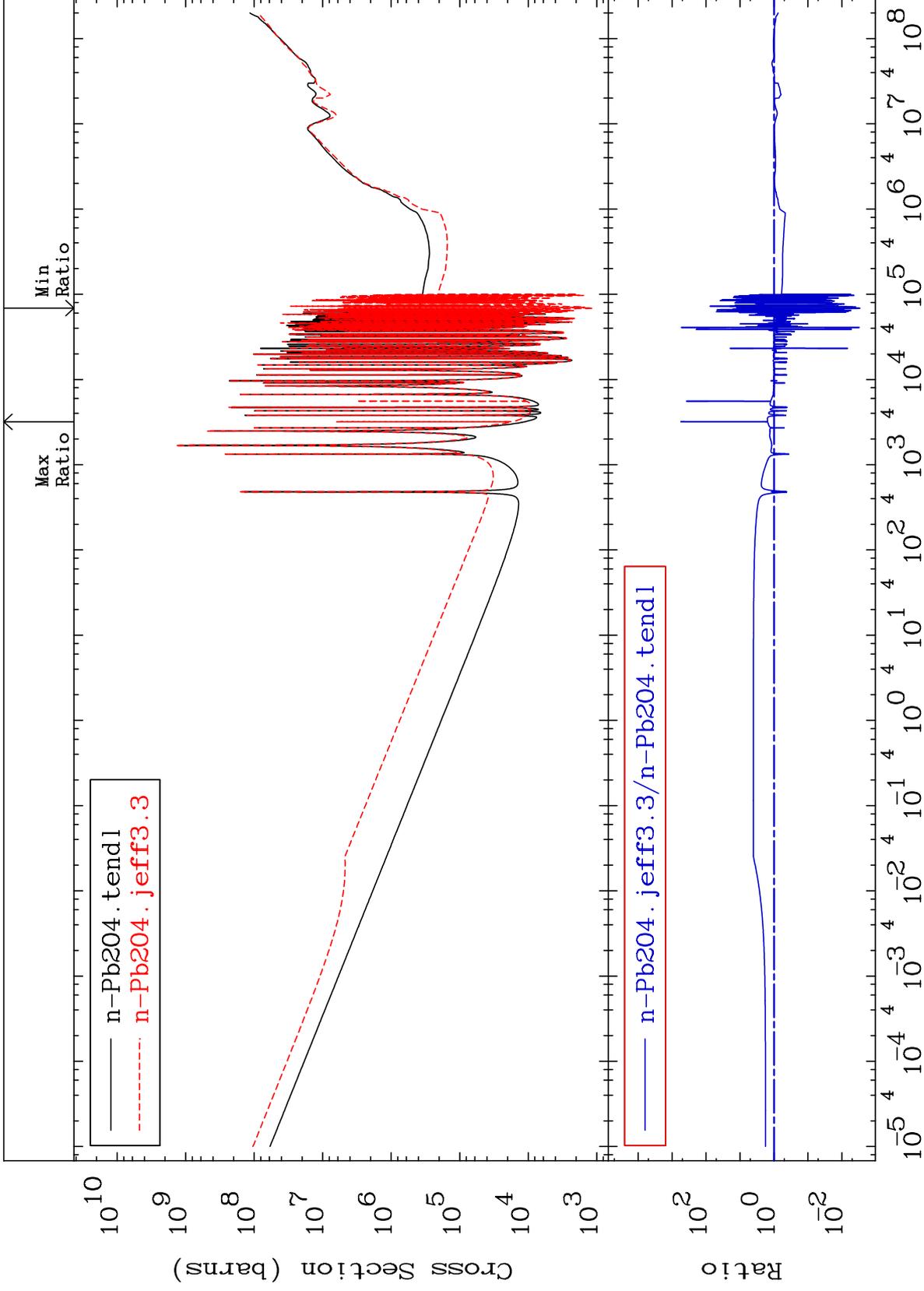


MAT 8225

Kerma elastic
Cross Section

82-Pb-204
-99.63 To 3119. %

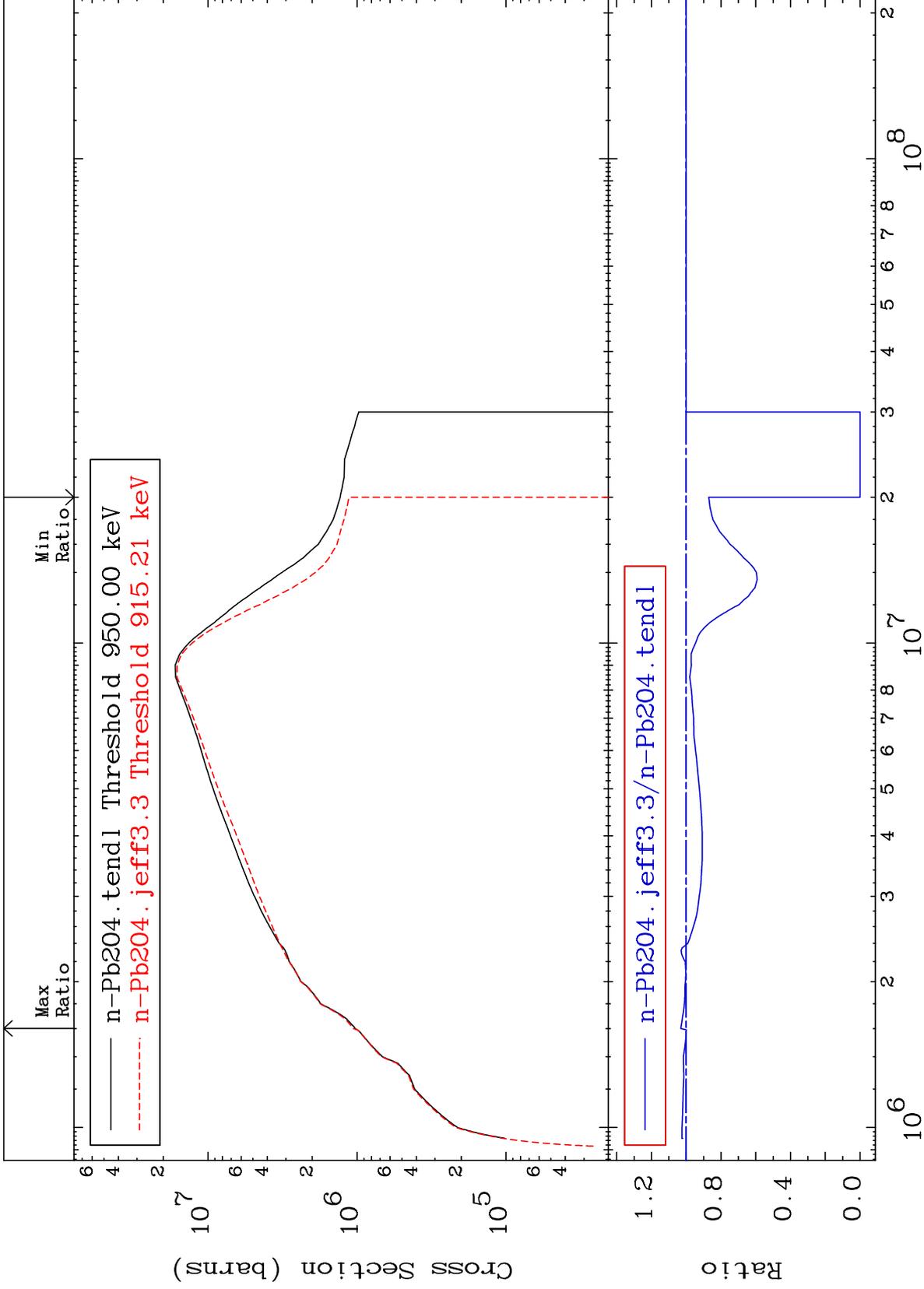




MAT 8225

Kerma inelastic (mt51-91)
Cross Section

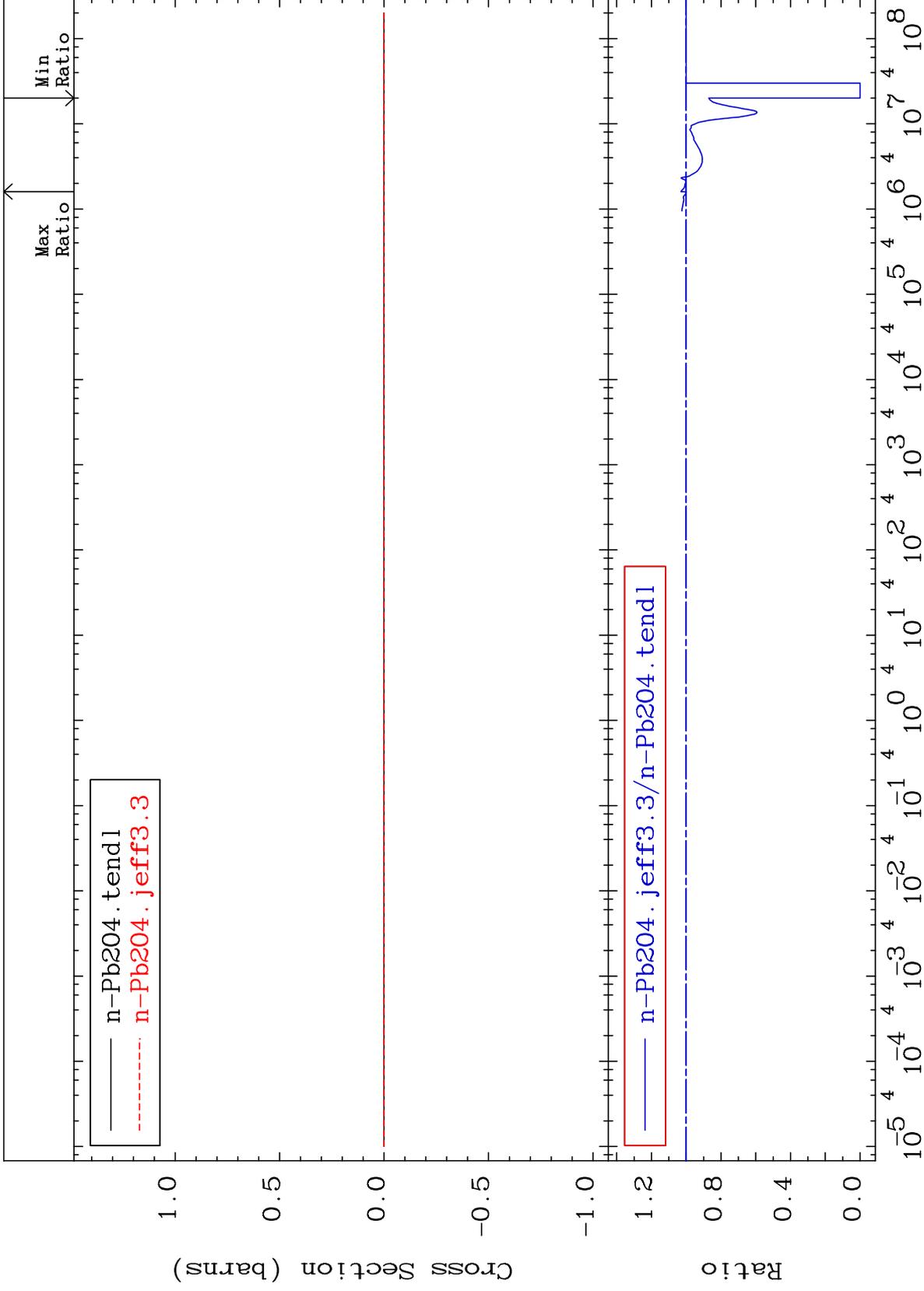
82-Pb-204
-100.0 To 3.144 %



50

Incident Energy (eV)

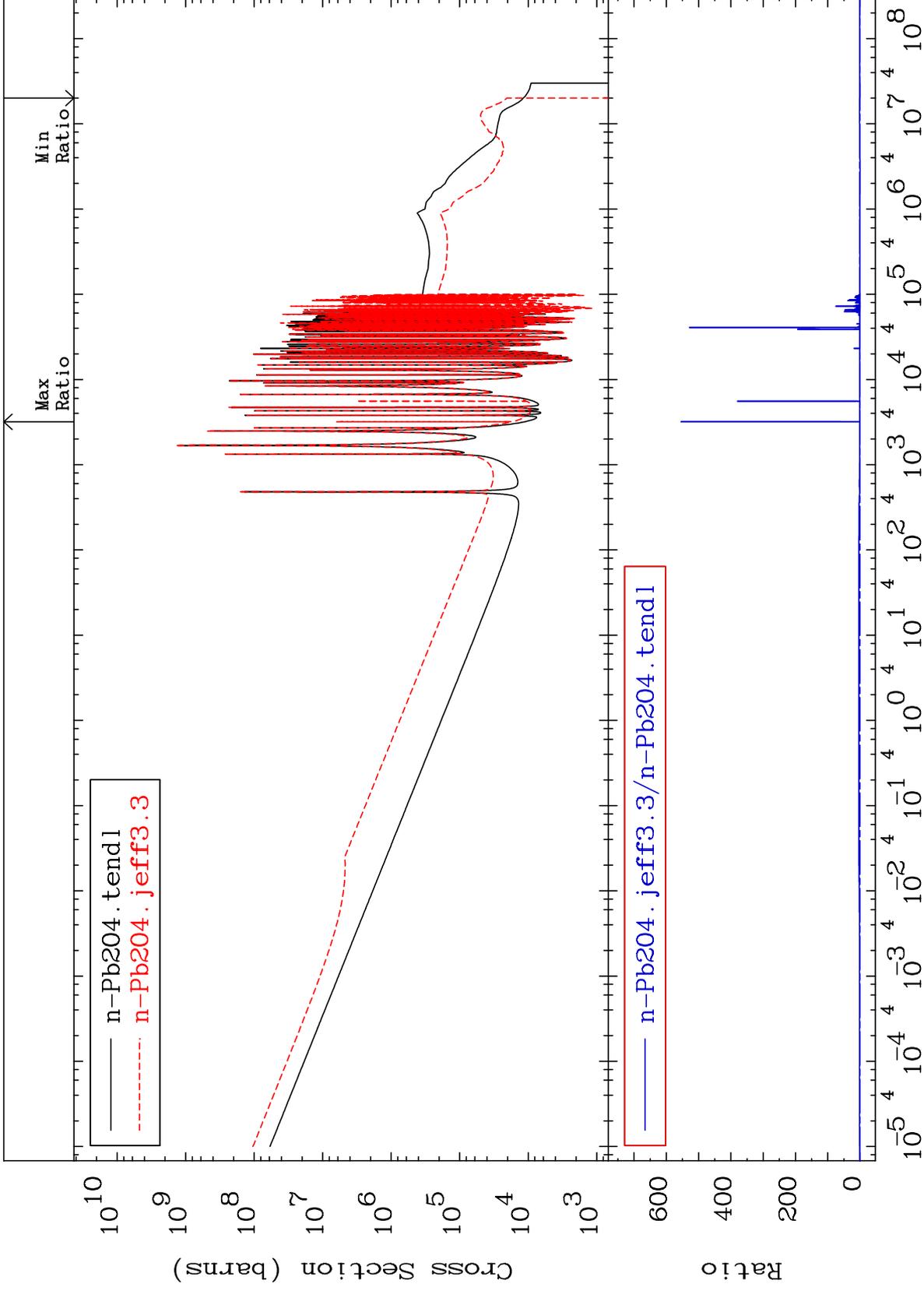
82-Pb-204



MAT 8225

Kerma capture (mt102)
Cross Section

82-Pb-204
-100.0 To 9999. %



52

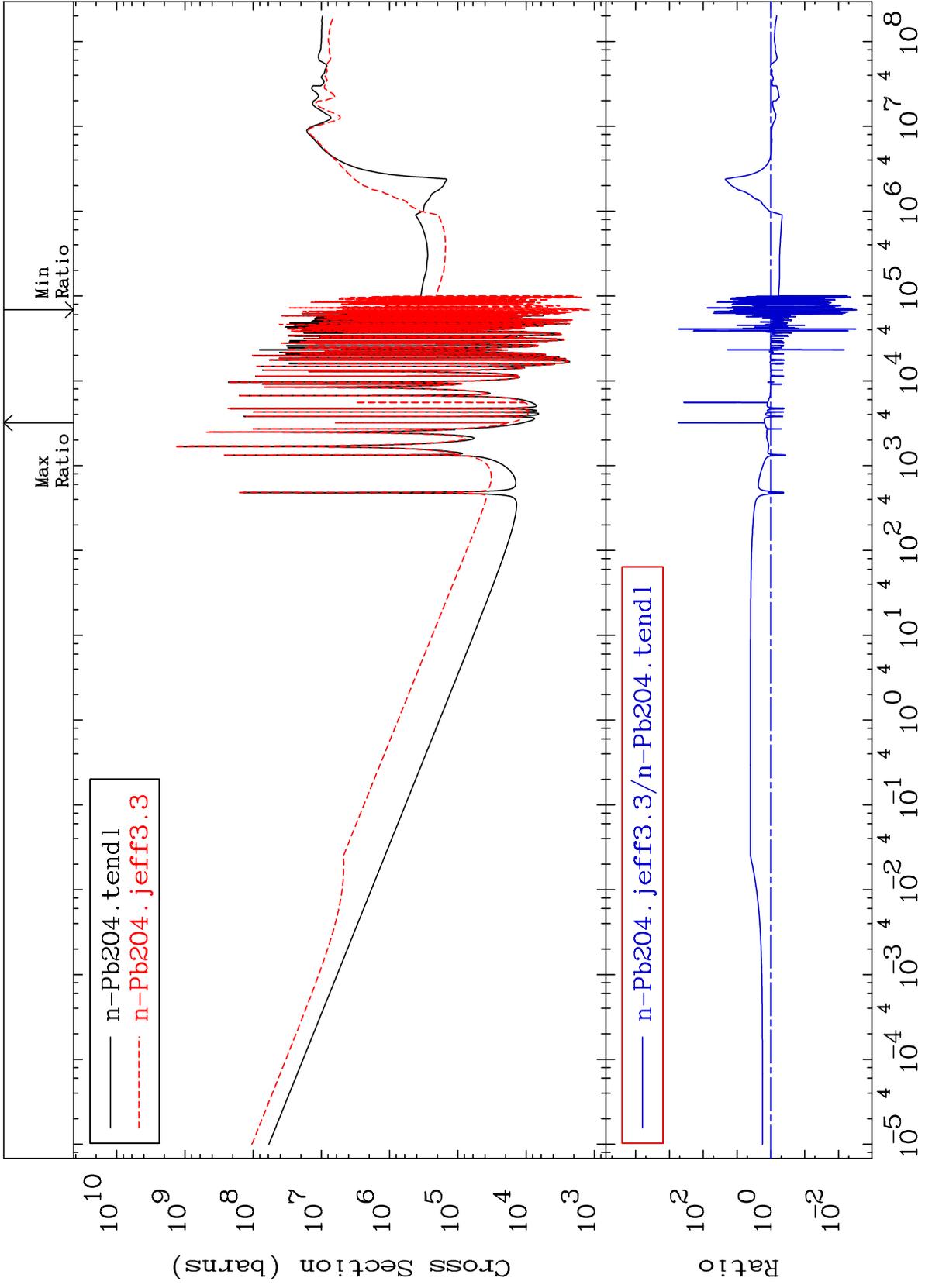
Incident Energy (eV)

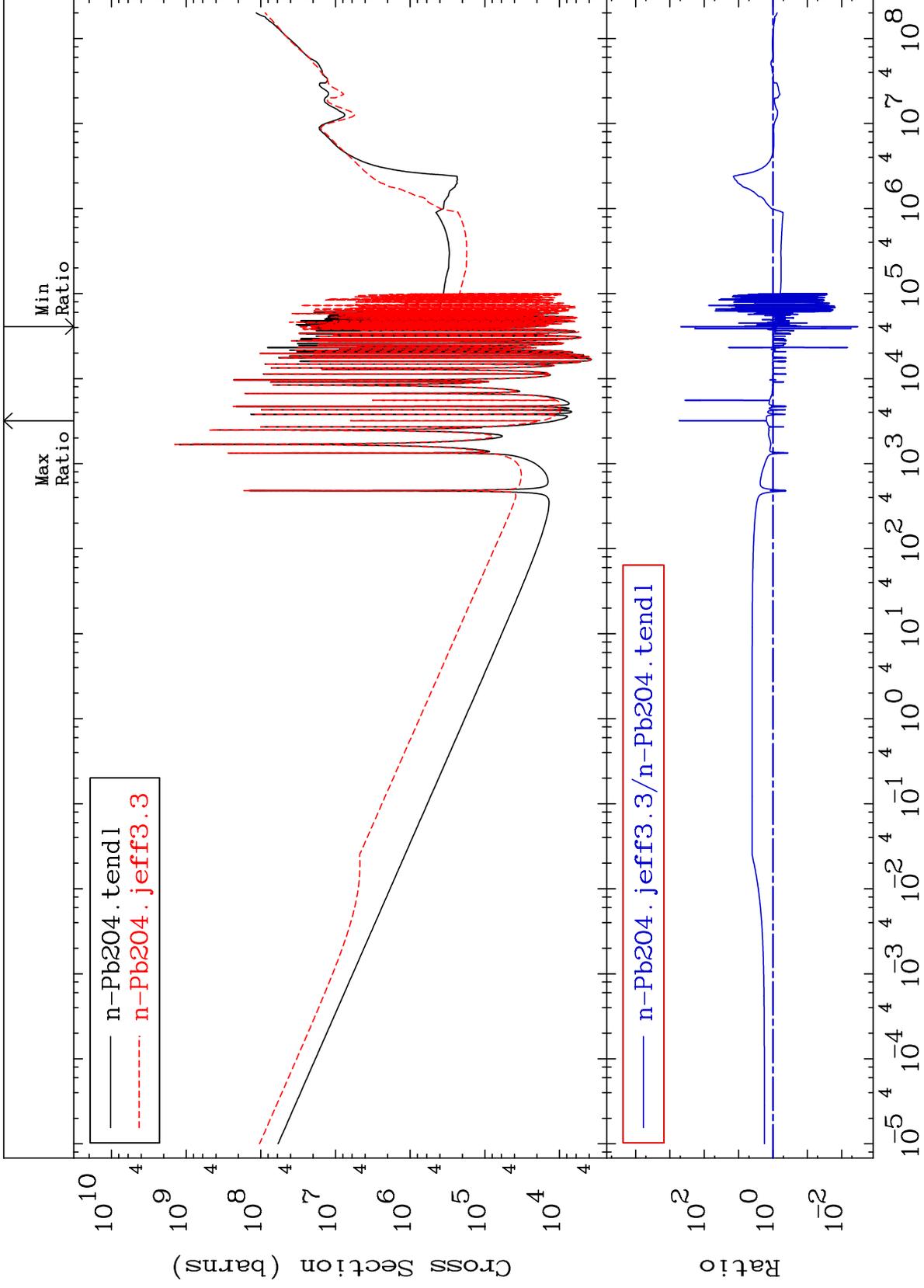
82-Pb-204

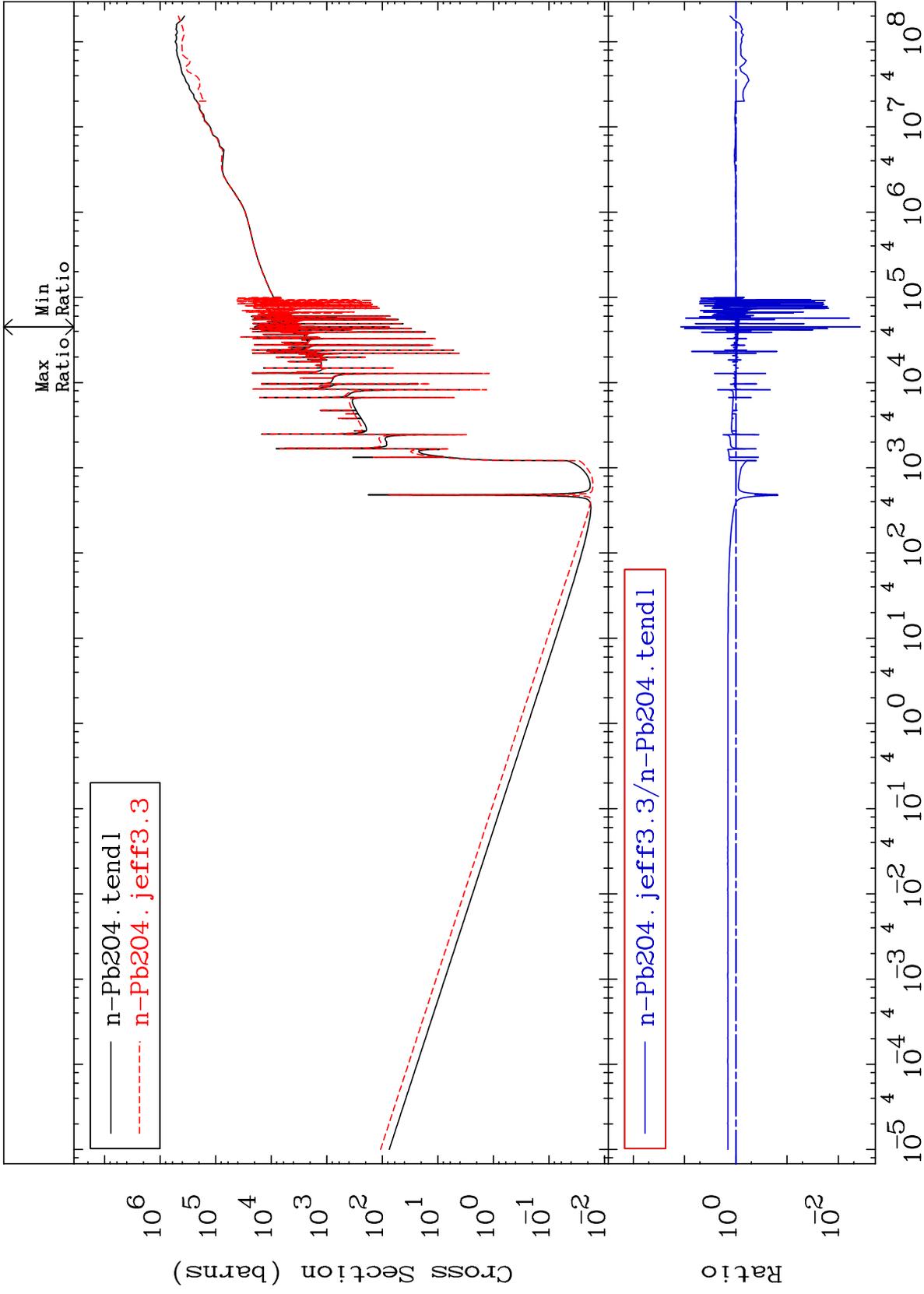
MAT 8225

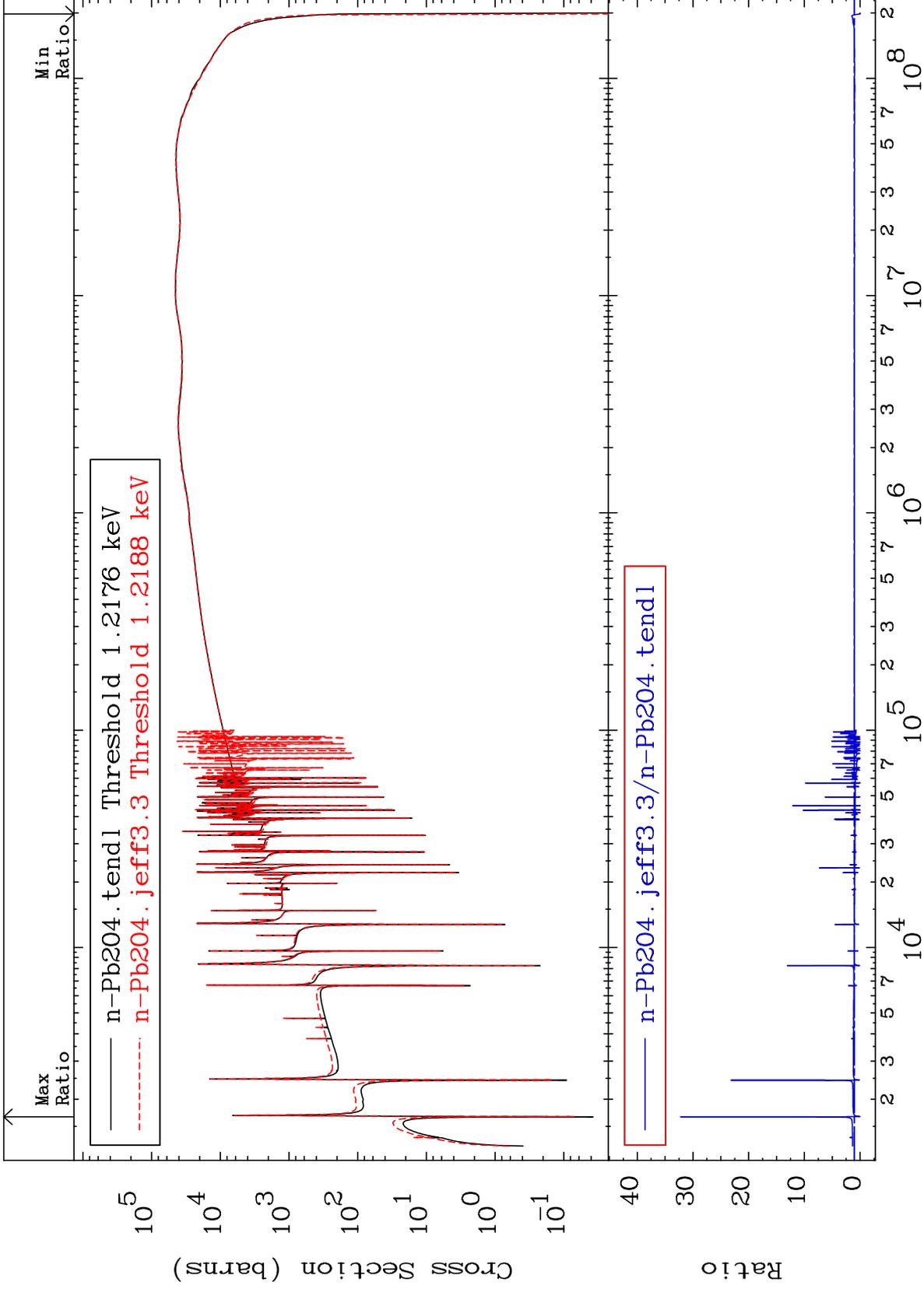
Total photon (eV-barns)
Cross Section

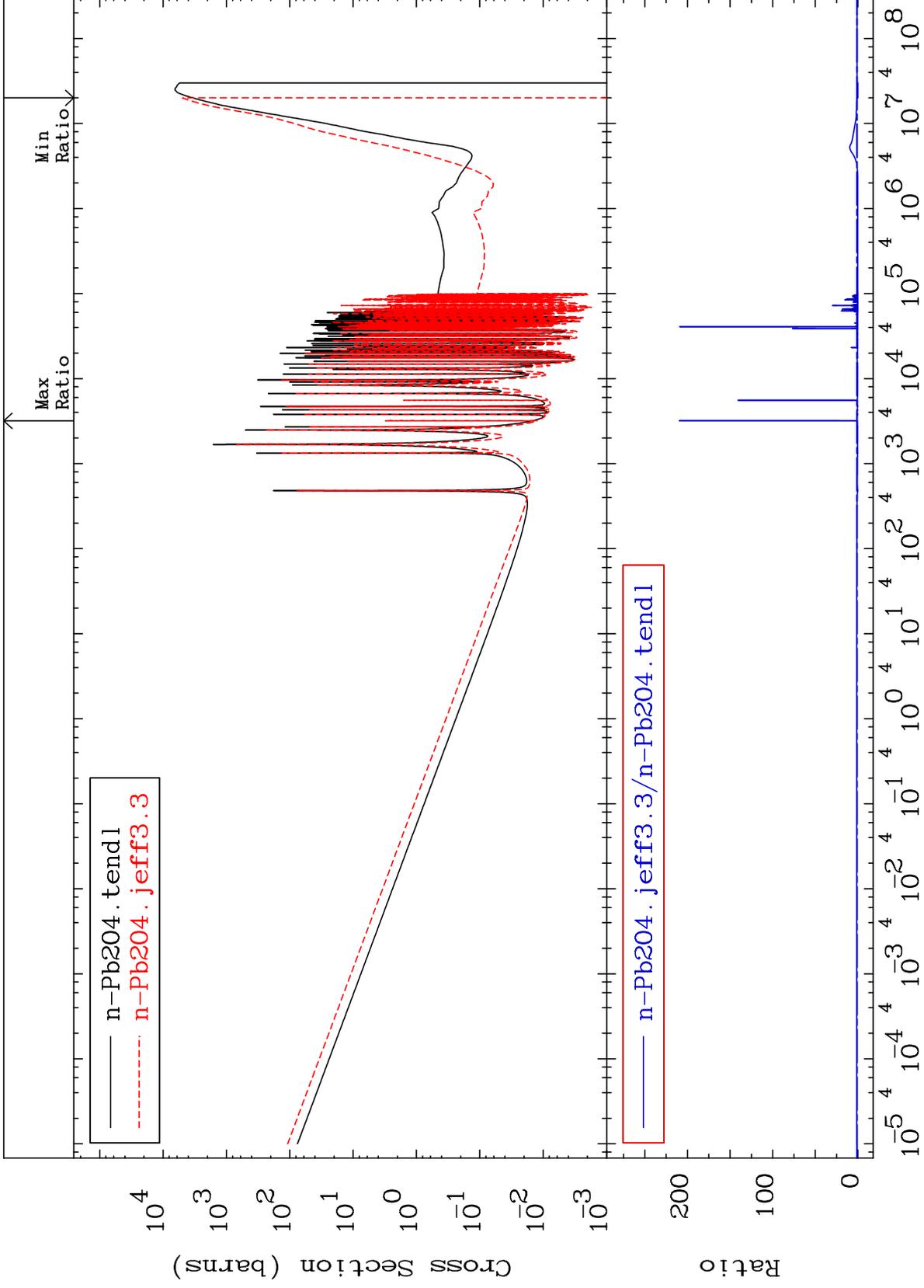
82-Pb-204
-99.71 To 9999. %

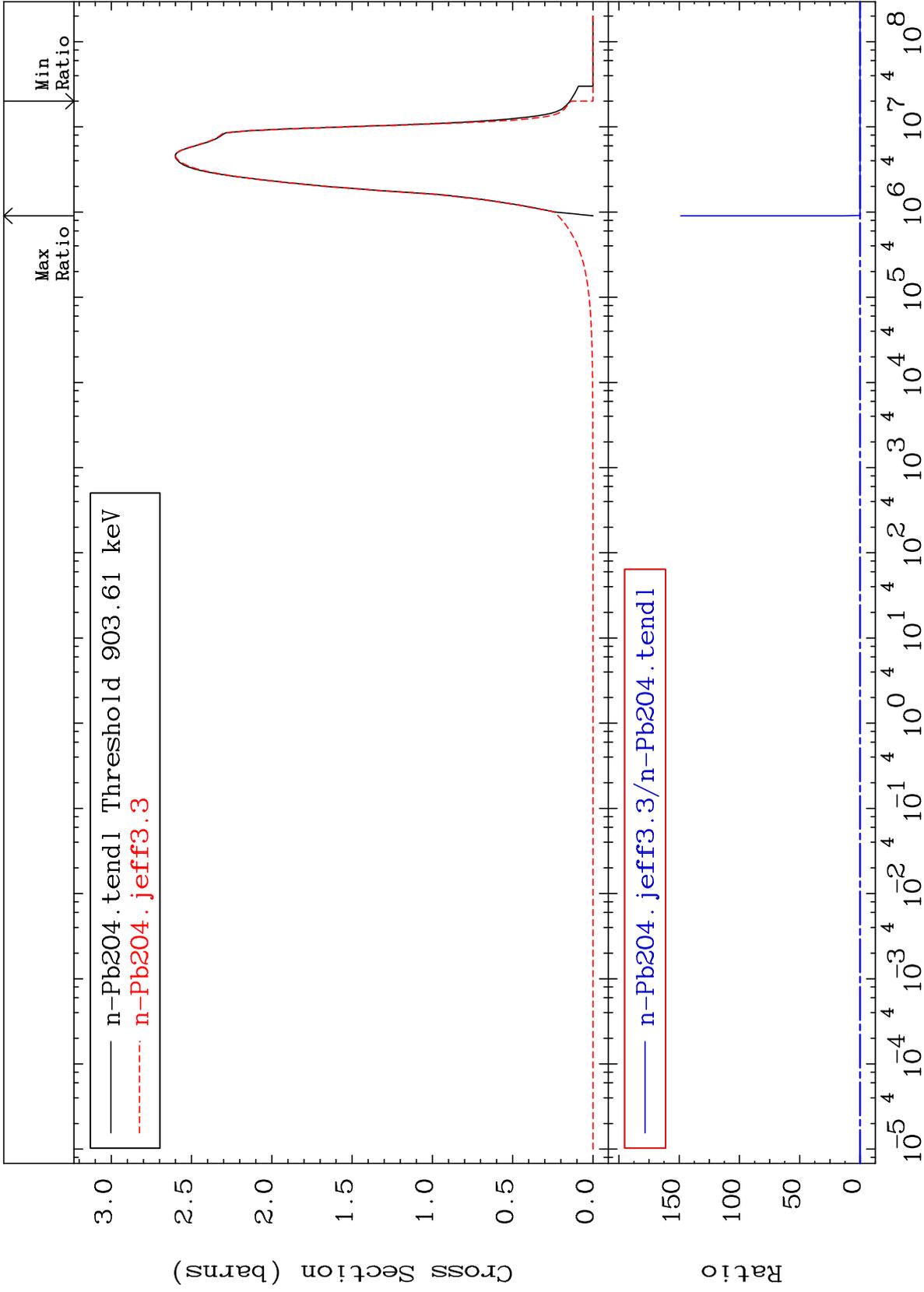










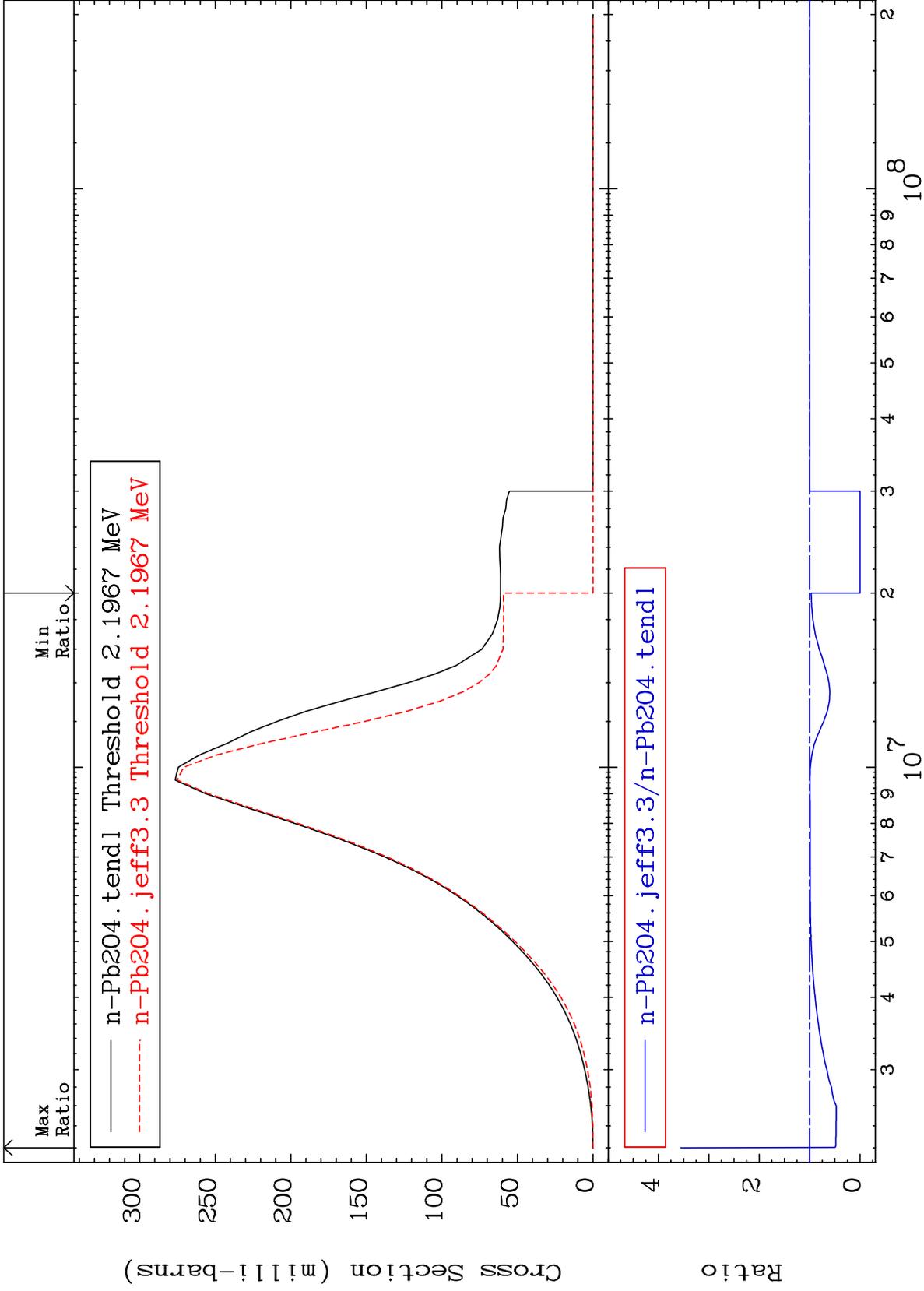


MAT 8225

Inelastic: 82-Pb-204m21

82-Pb-204

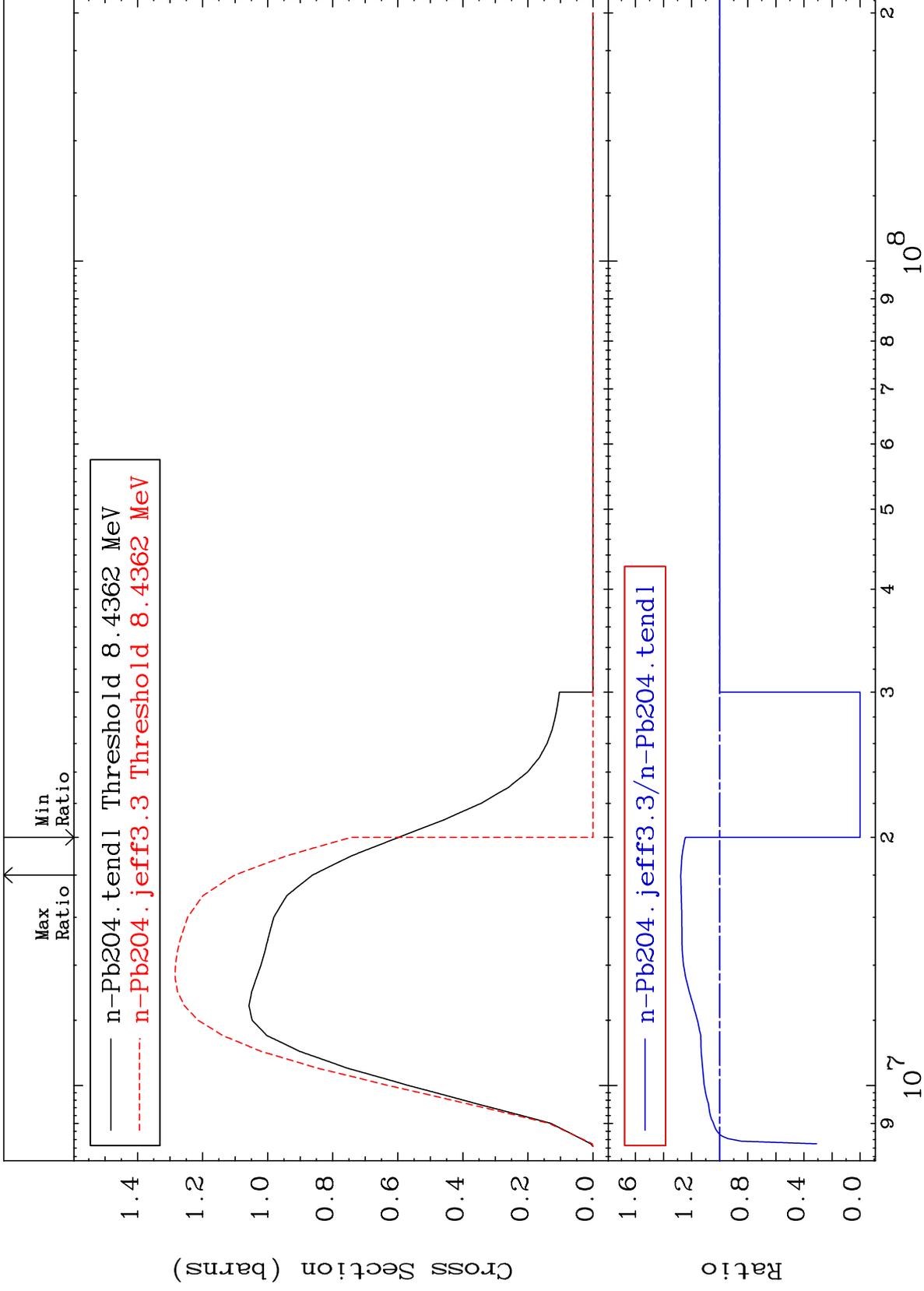
Radionuclide Production Cross Section -100.0 To 255.6 %



60

Incident Energy (eV)

82-Pb-204

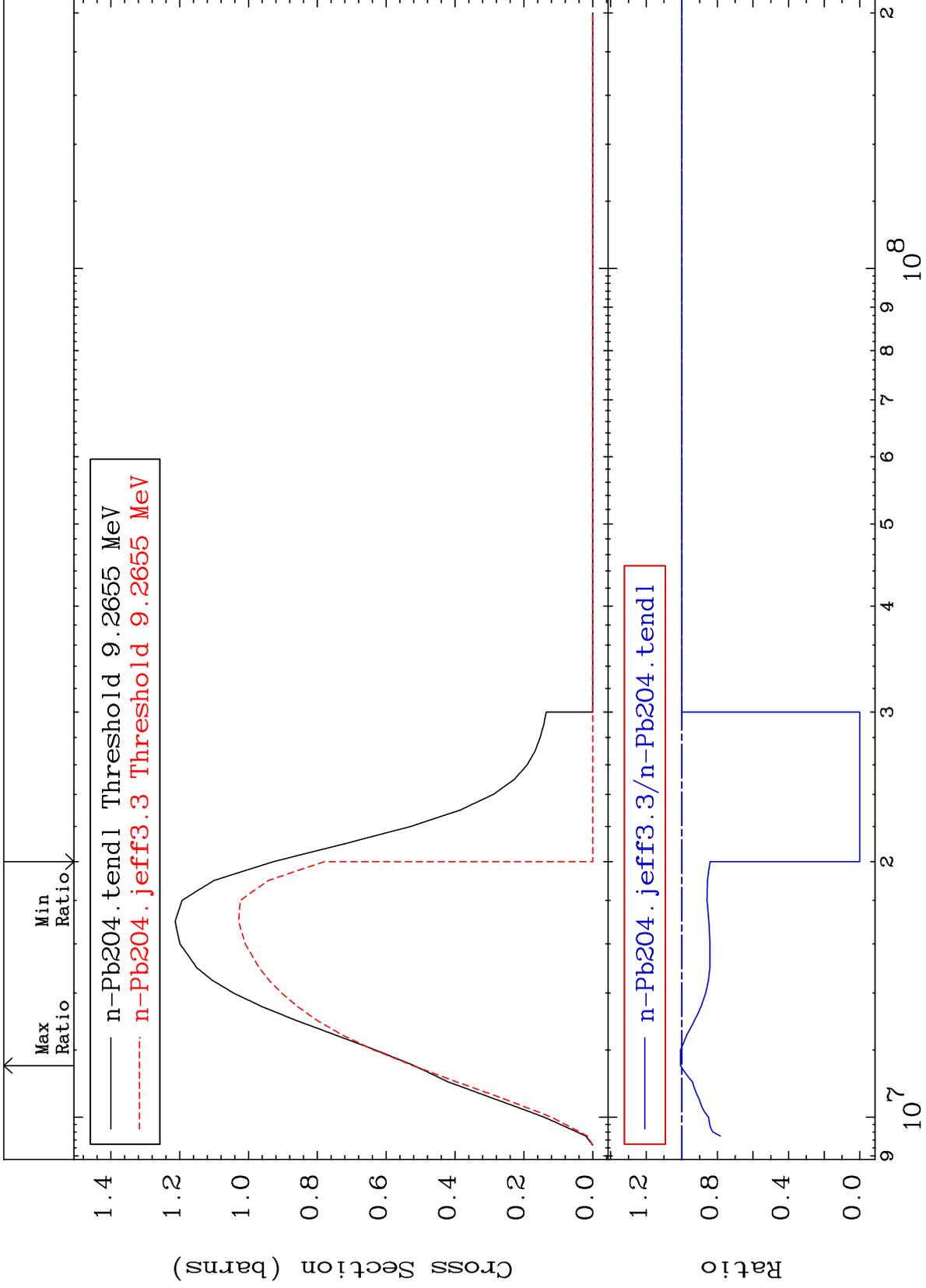


MAT 8225

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

82-Pb-204

Radionuclide Production Cross Section -100.0 To 0.735 %

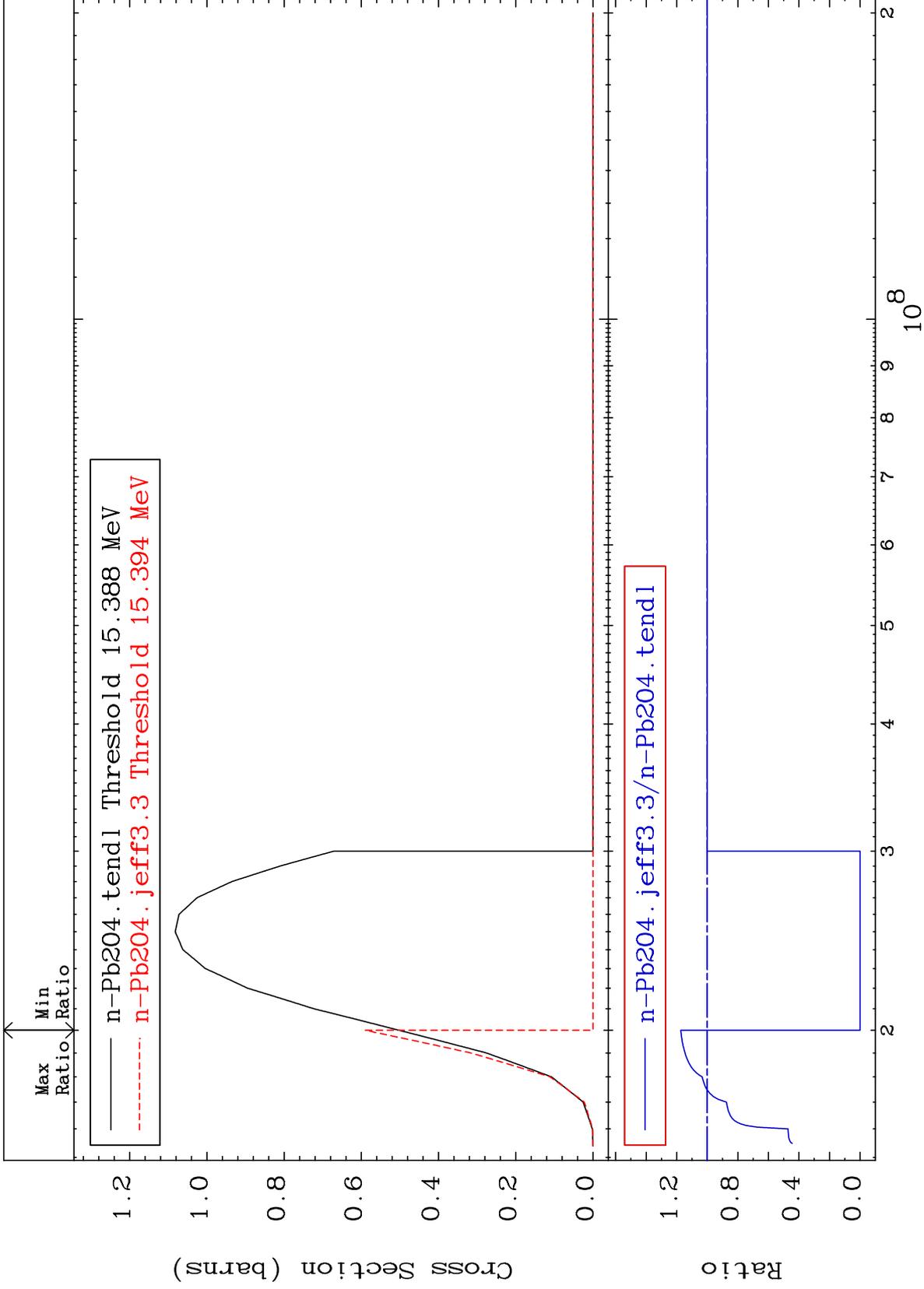


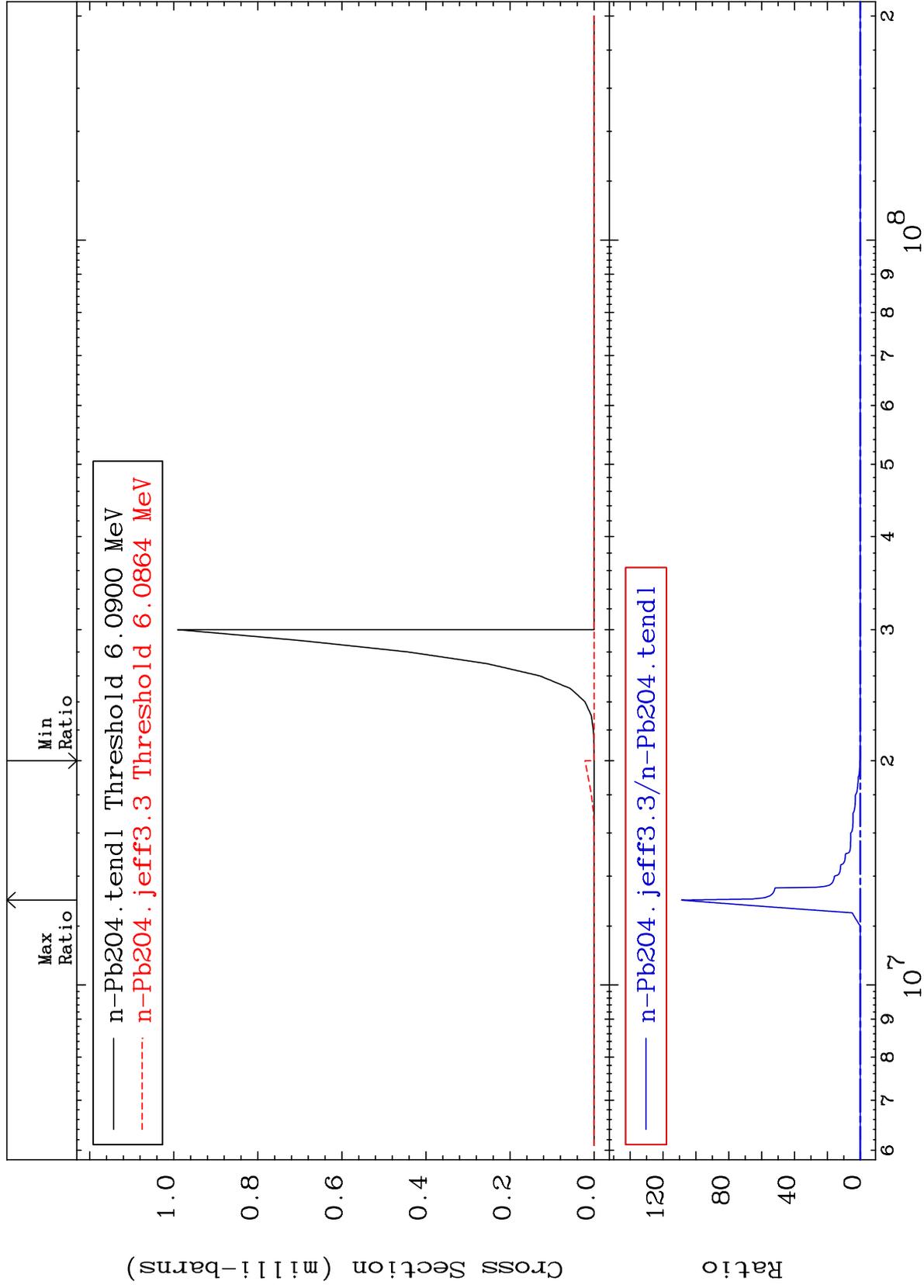
62

Incident Energy (eV)

82-Pb-204

Radionuclide Production Cross Section -100.0 To 17.36 %



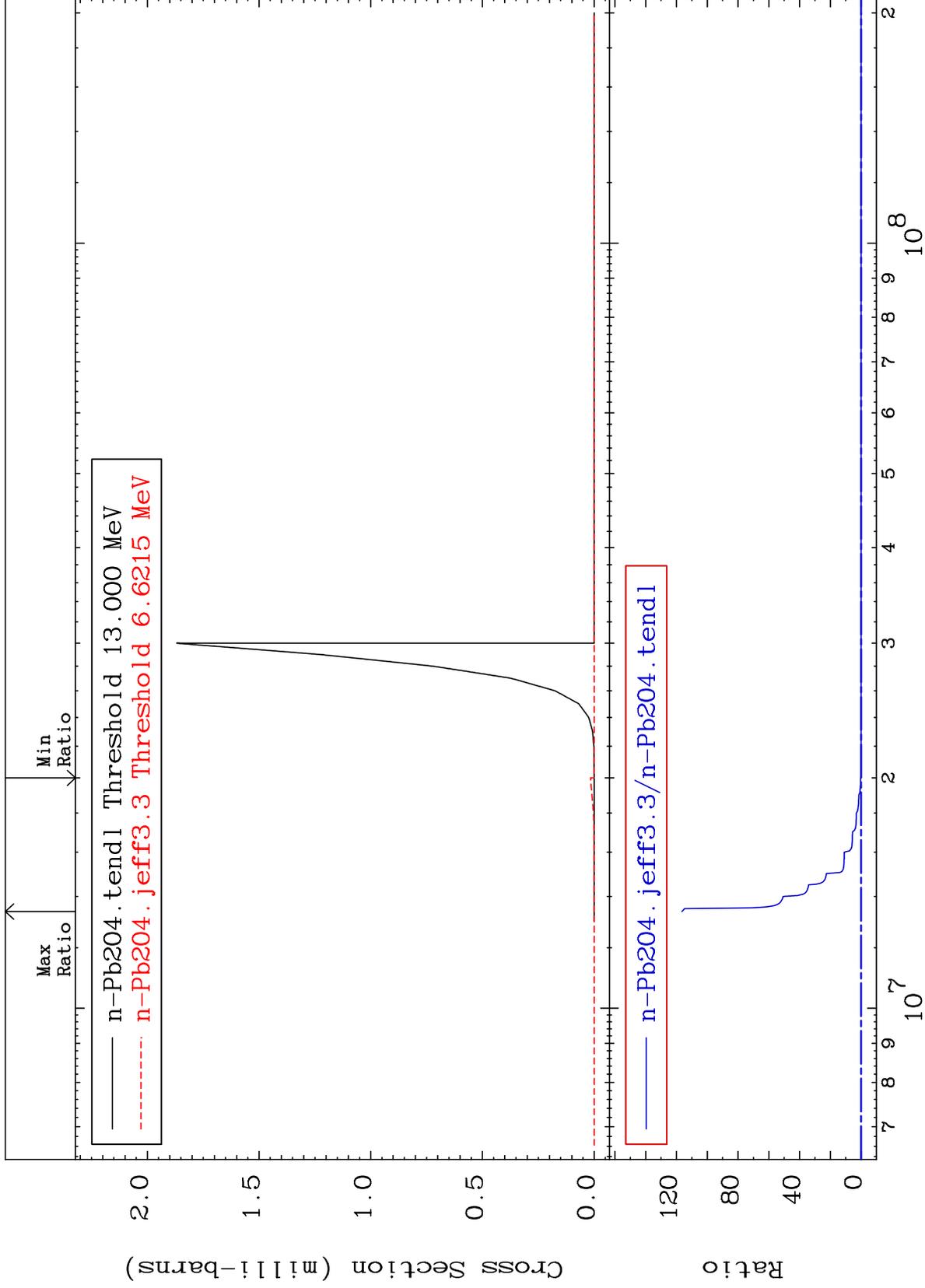


MAT 8225

(n,2n) α : 80-Hg-199m7

82-Pb-204

Radionuclide Production Cross Section -100.0 To 9999. %



65

82-Pb-204