

Program Complot
(Version 2018-1)

by

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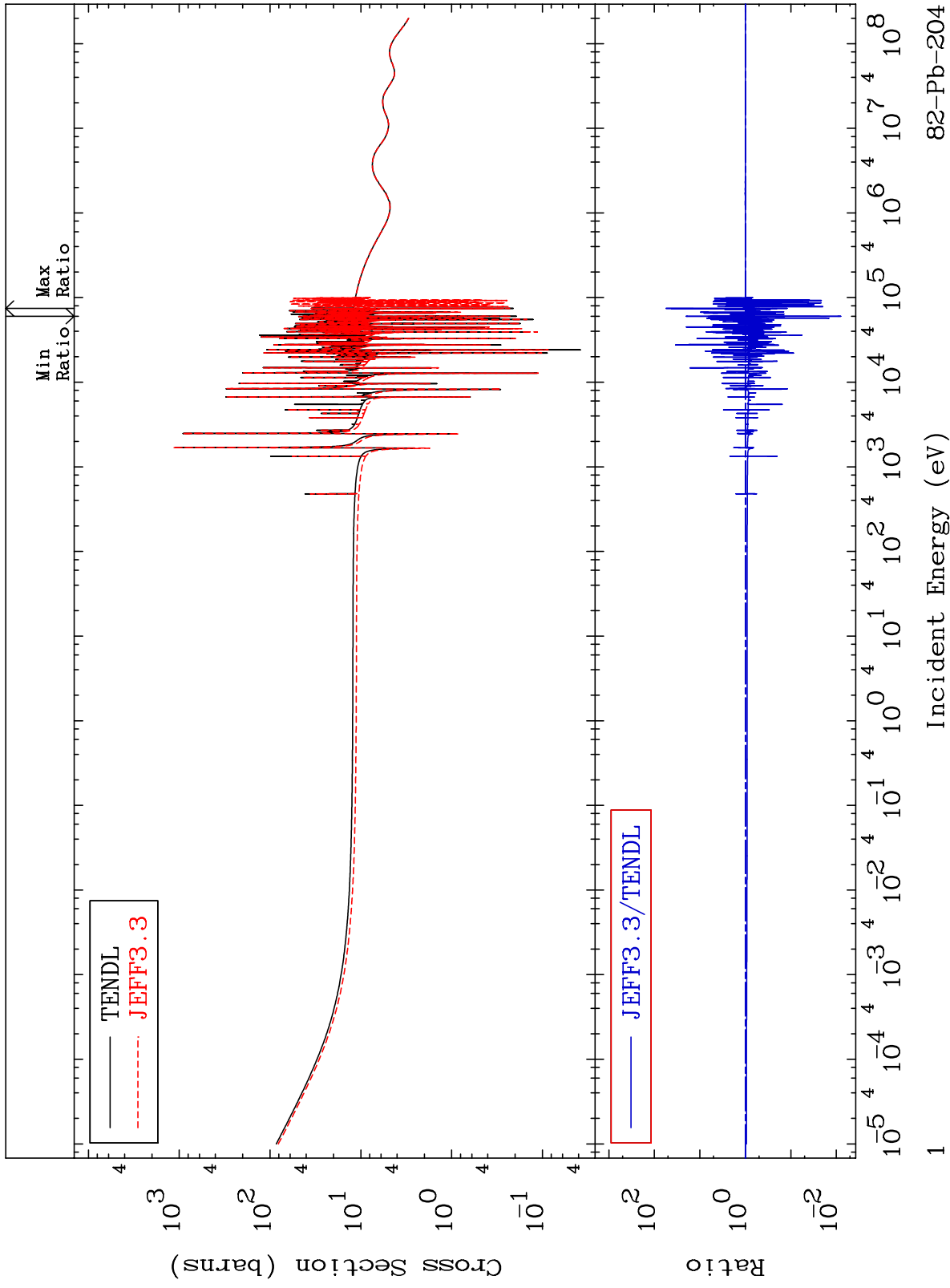
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8225

Total
Cross Section

82-Pb-204
-99.20 To 5481. %



82-Pb-204

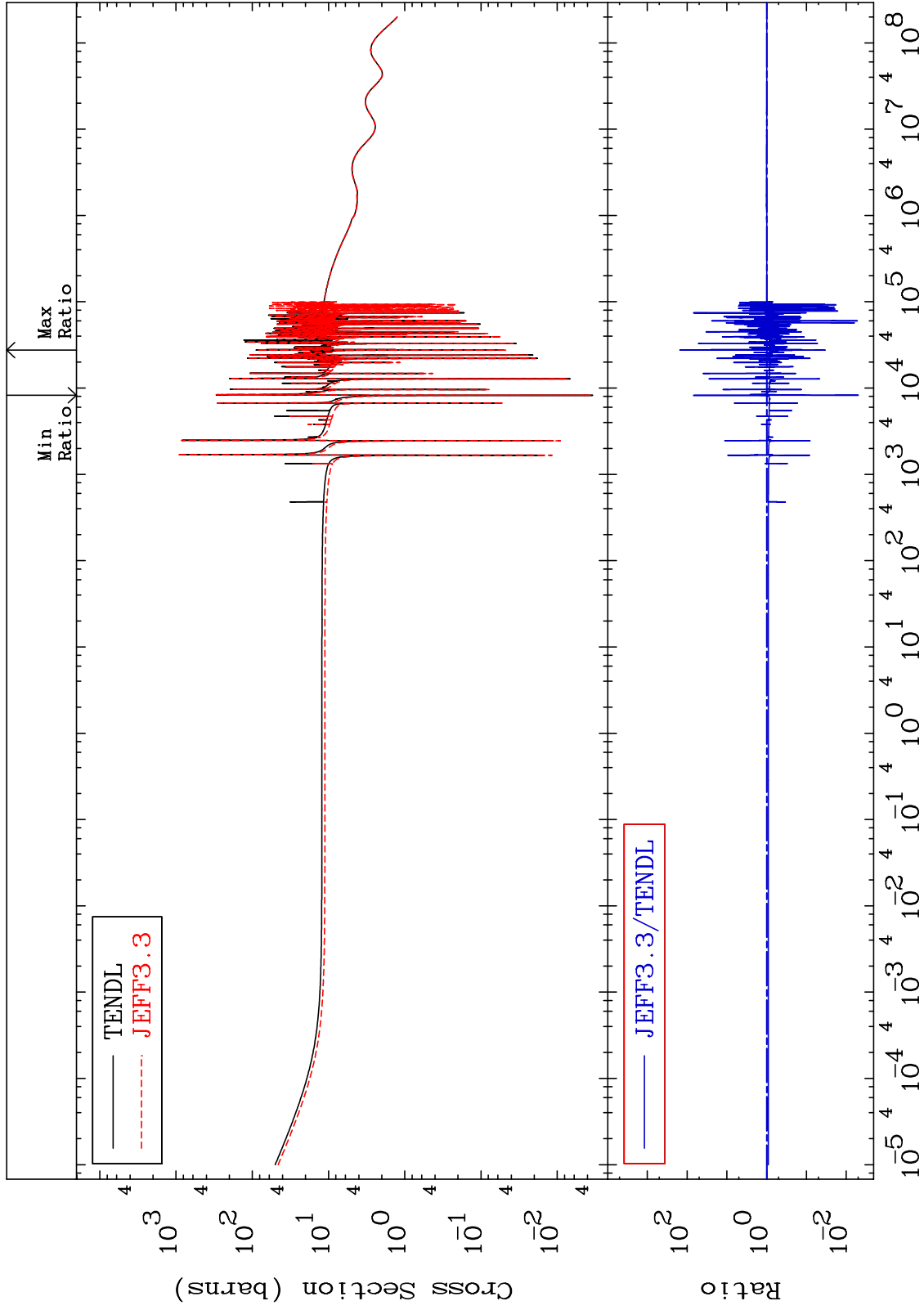
Incident Energy (eV)

1

MAT 8225

Elastic
Cross Section

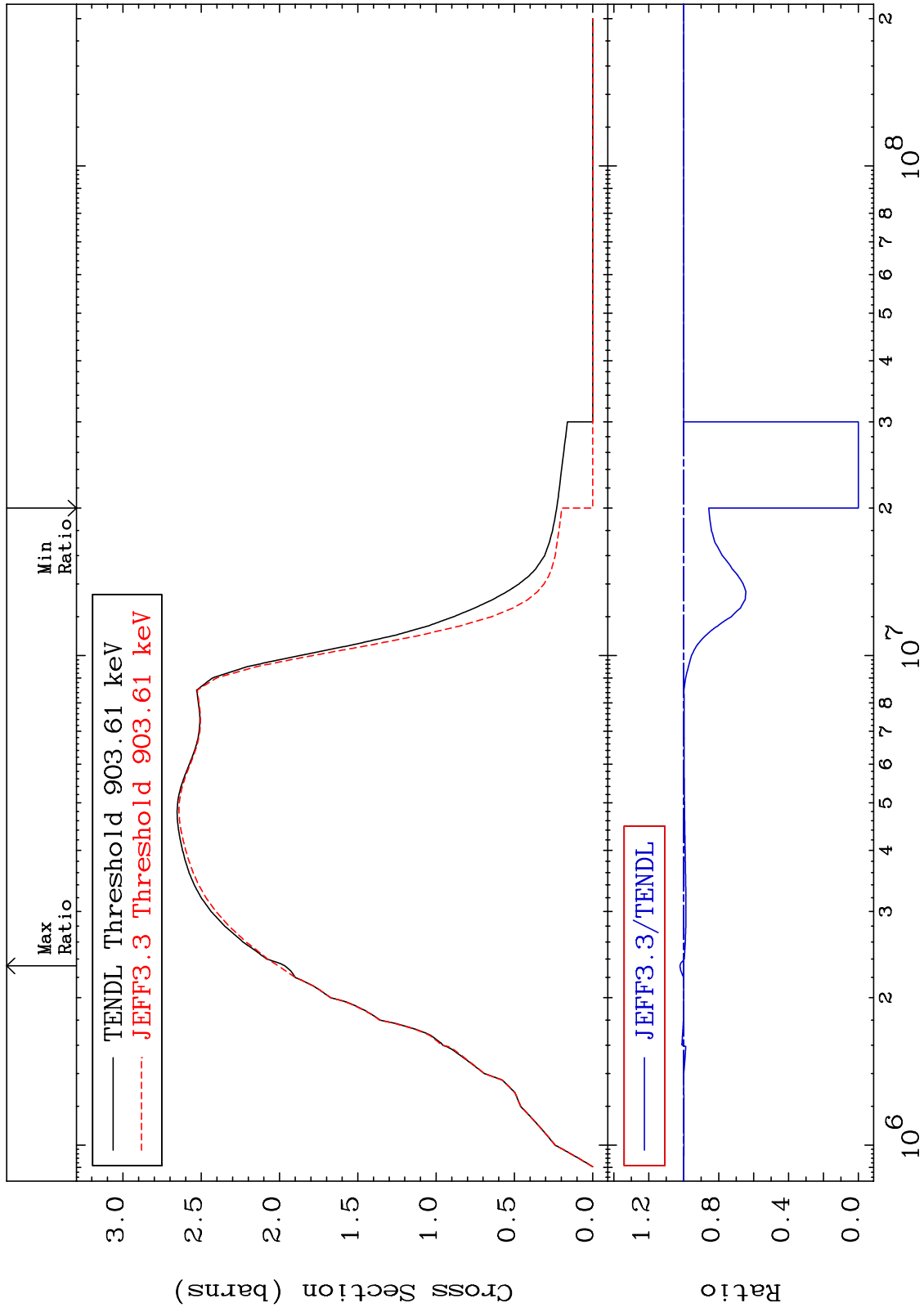
82-Pb-204
-99.51 To 9999. %



MAT 8225

Inelastic
Cross Section

82-Pb-204
-100.0 To 2.128 %



82-Pb-204

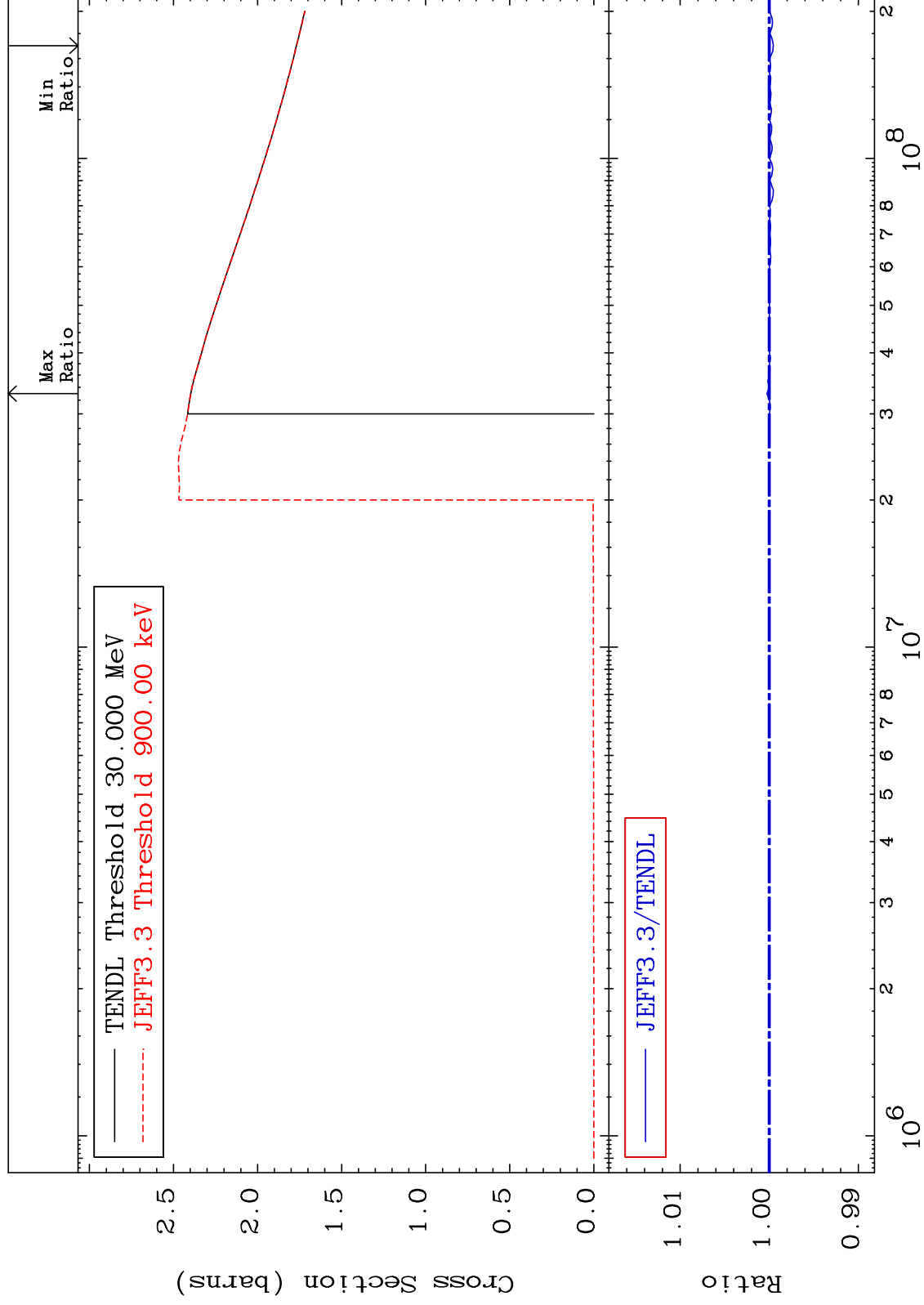
82-Pb-204

3

MAT 8225

(n, remainder)
Cross Section

82-Pb-204
-0.046 To 0.027 %



Incident Energy (eV)

82-Pb-204

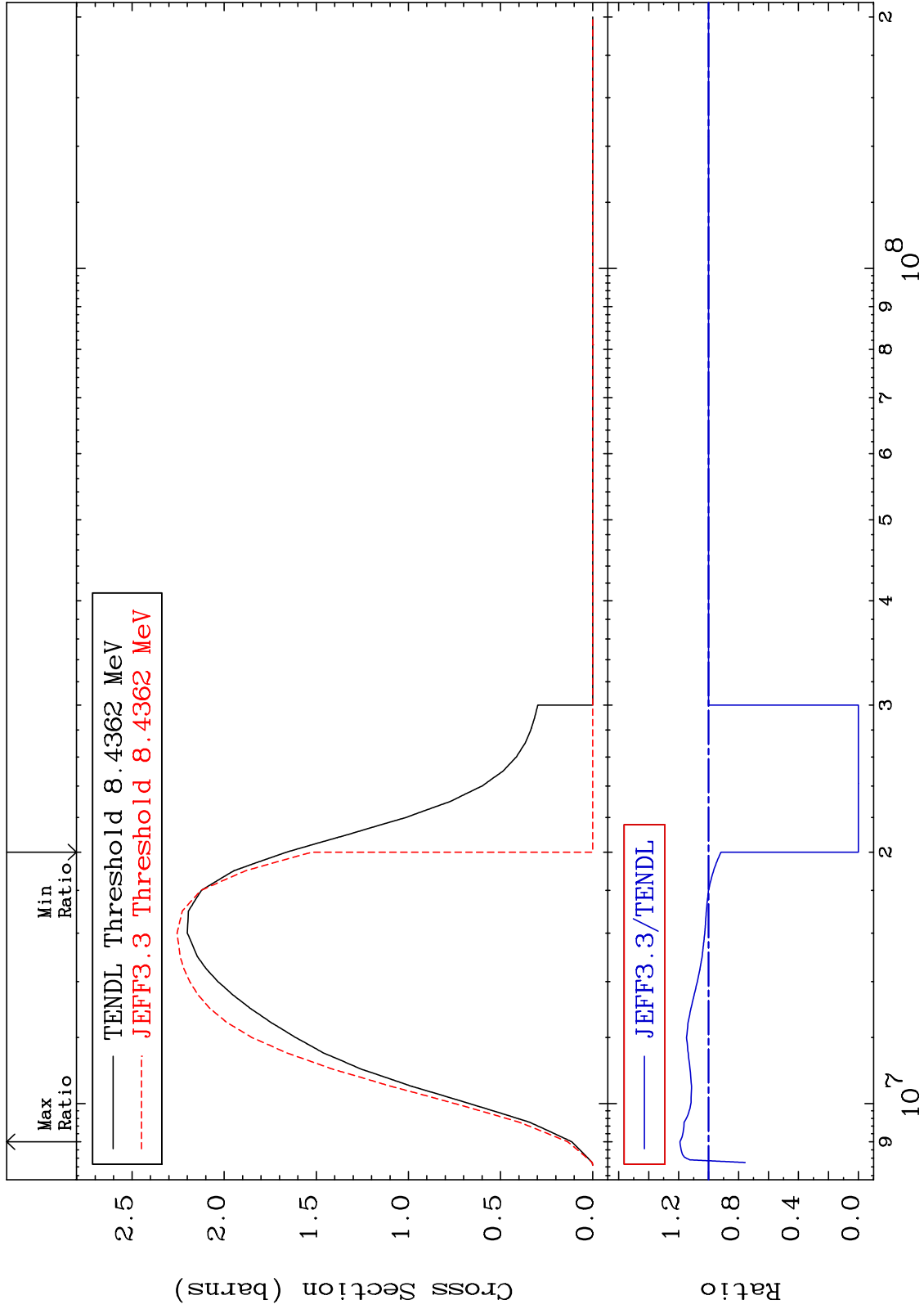
MAT 8225

(n,2n)

82-Pb-204

Cross Section

-100.0 To 19.08 %



5

Incident Energy (eV)

82-Pb-204

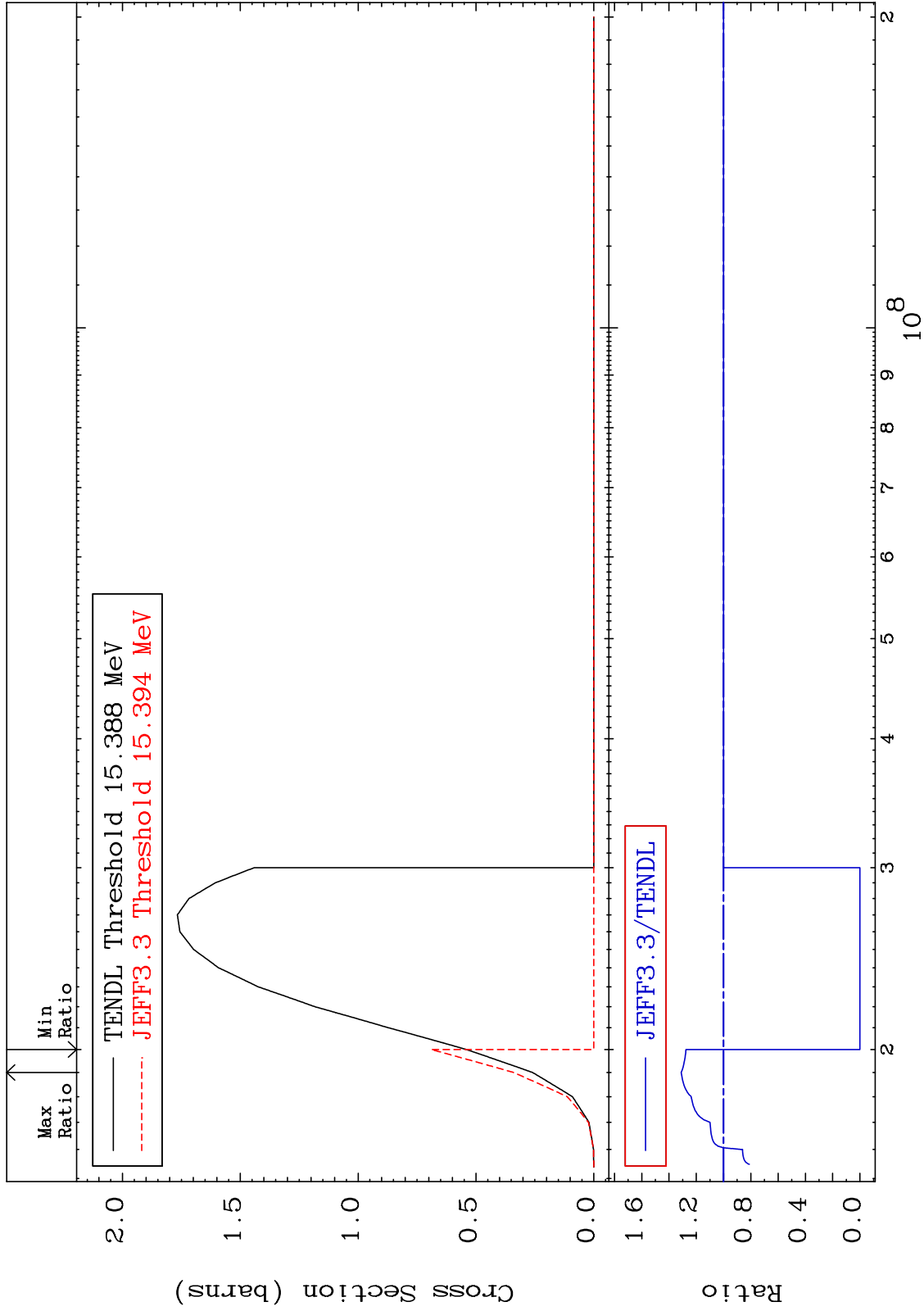
MAT 8225

(n, 3n)

82-Pb-204

Cross Section

-100.0 To 31.04 %



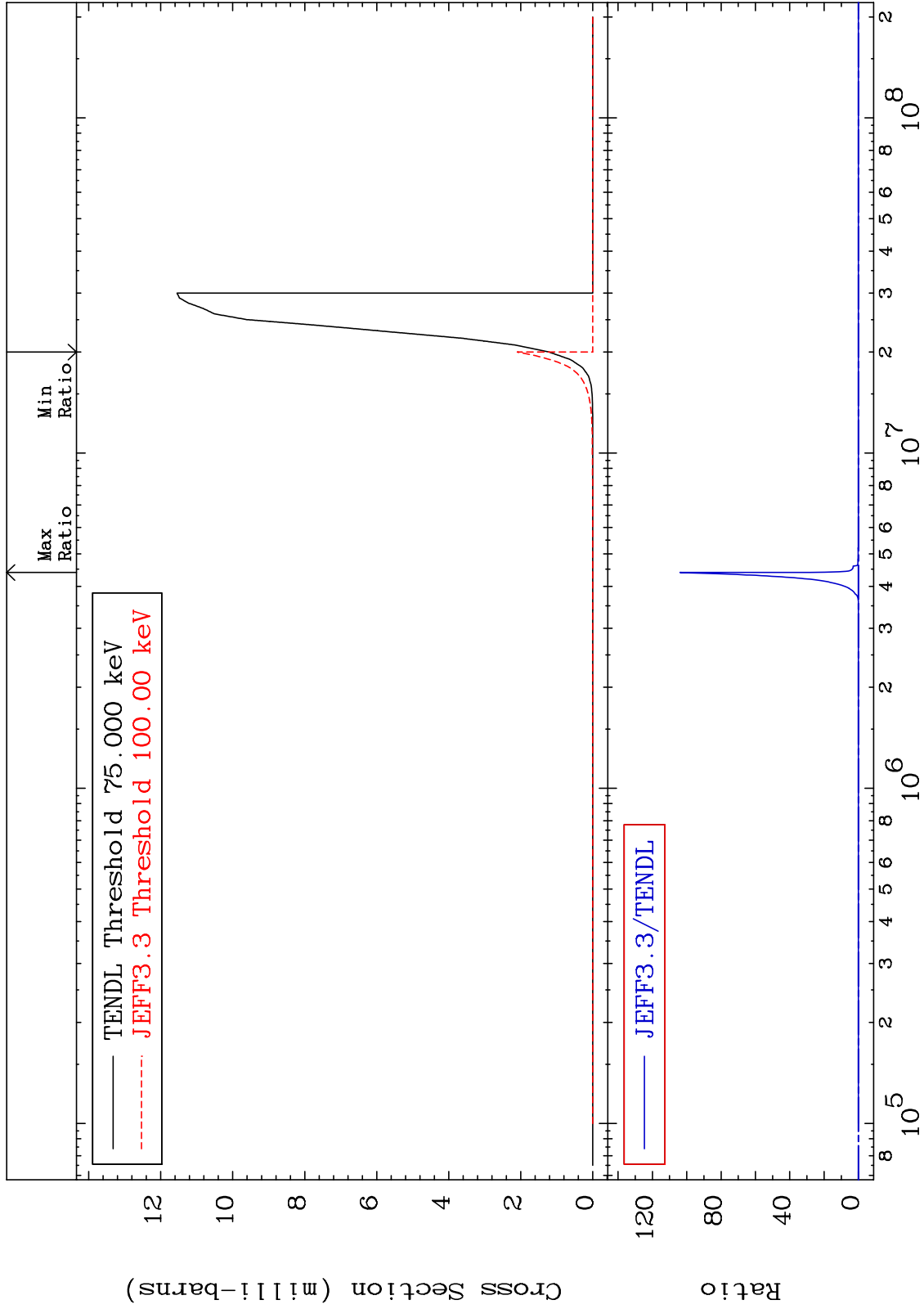
MAT 8225

(n, n') α

82-Pb-204

-100.0 To 9999. %

Cross Section



7

Incident Energy (eV)

82-Pb-204

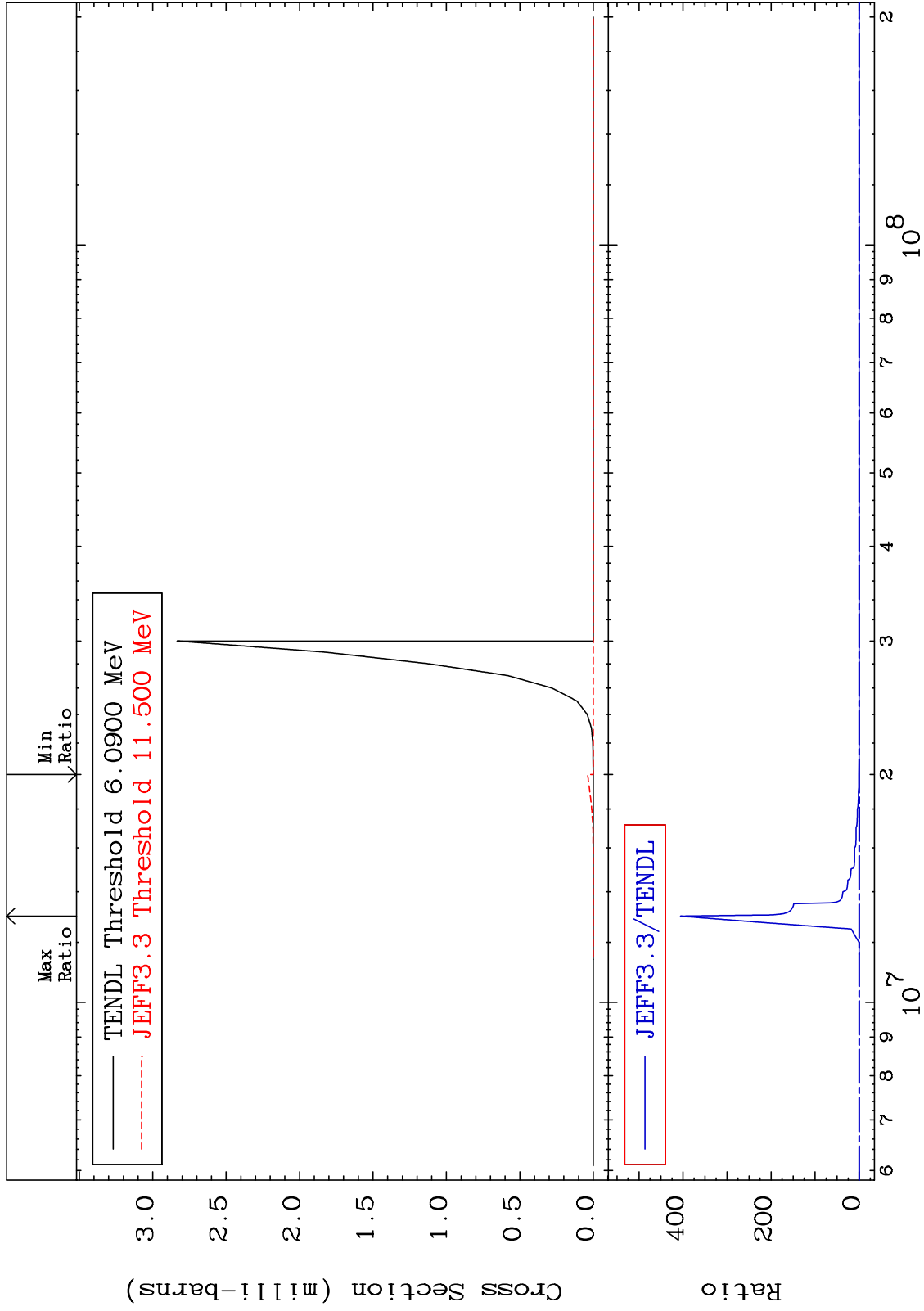
MAT 8225

(n,2n) α

82-Pb-204

-100.0 To 9999. %

Cross Section



8

Incident Energy (eV)

82-Pb-204

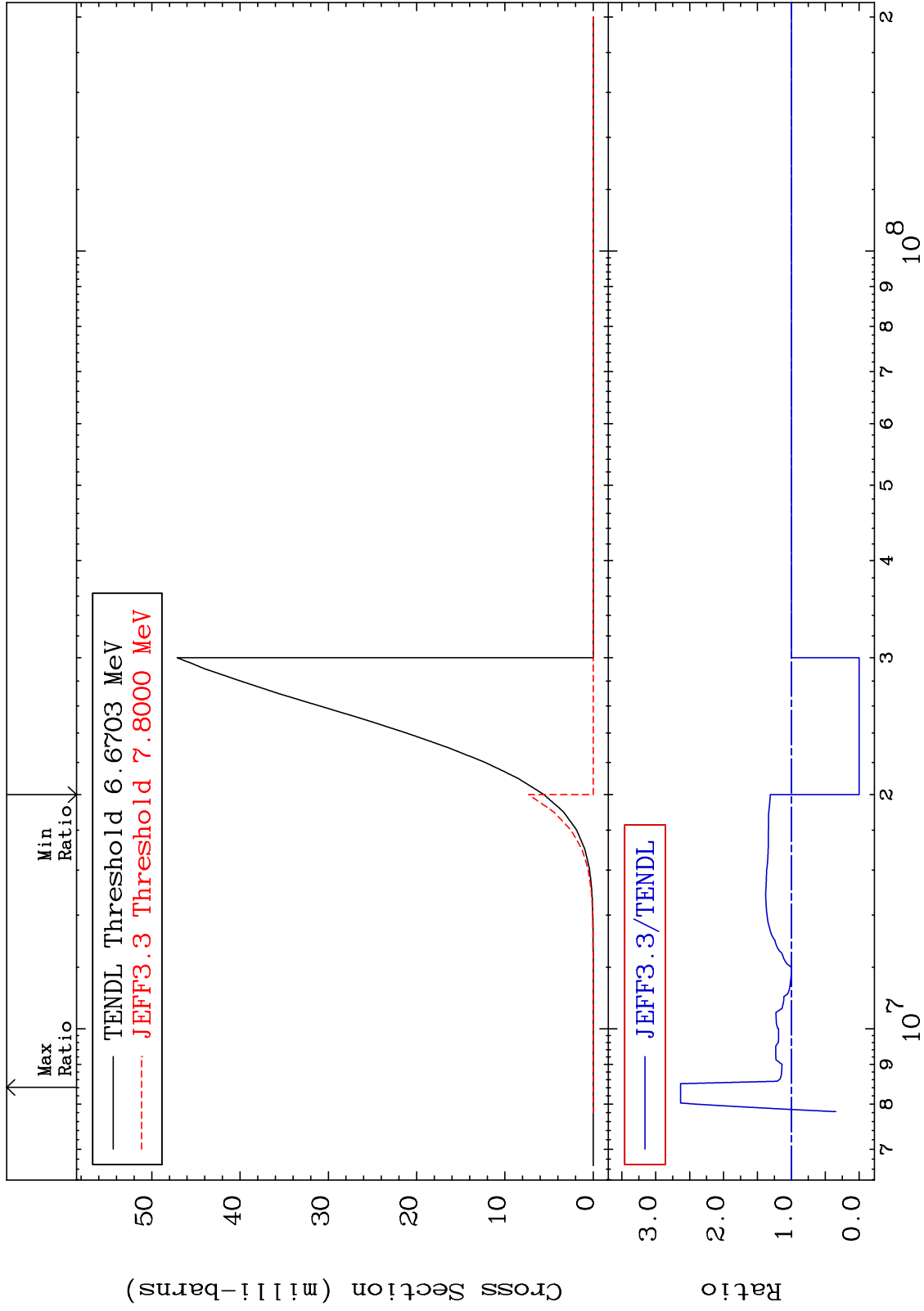
MAT 8225

(n,n') p

82-Pb-204

Cross Section

-100.0 To 163.3 %

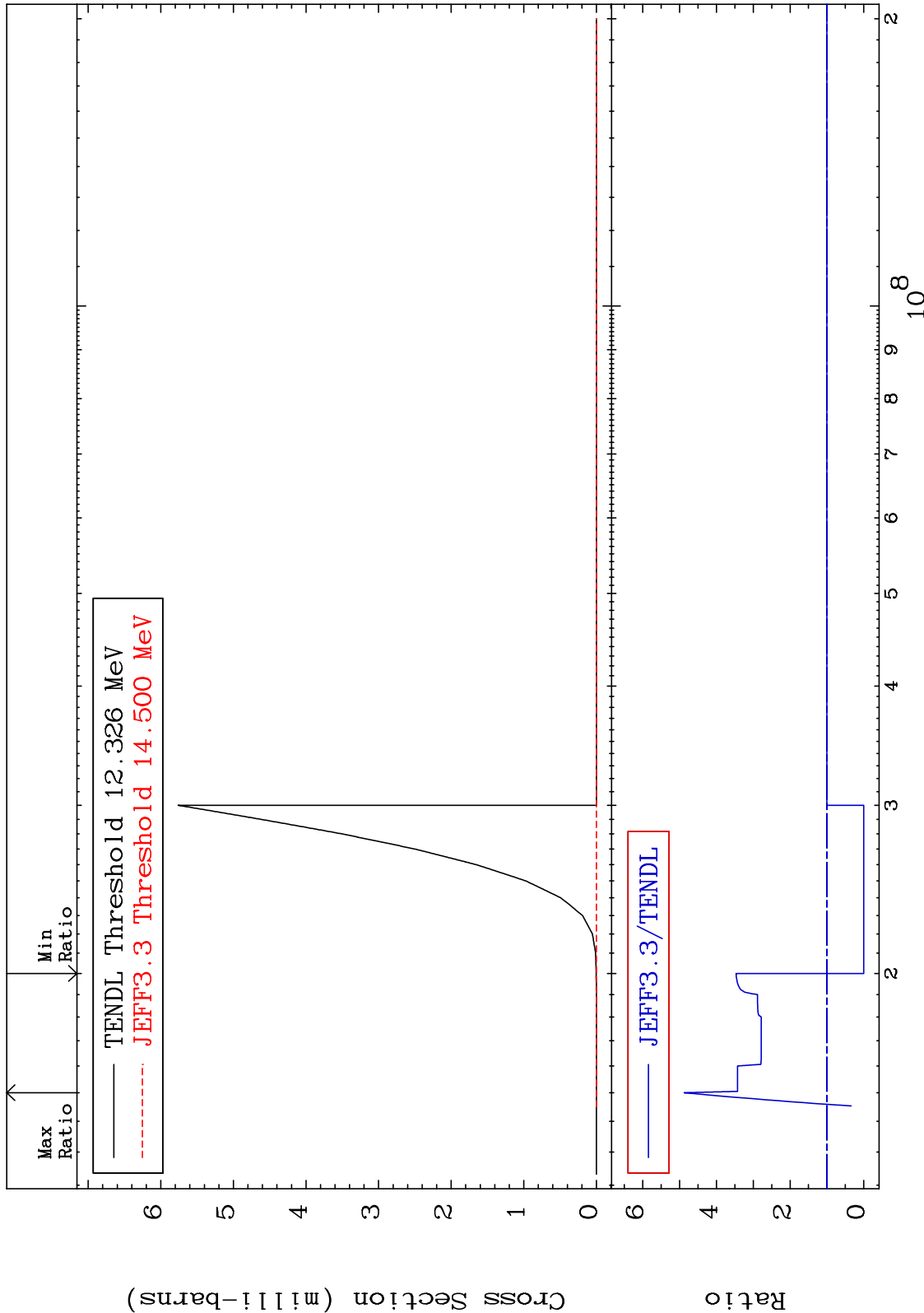


9

Incident Energy (eV)

82-Pb-204

MAT 8225 (n, n') d 82-Pb-204
 Cross Section -100.0 To 387.3 %



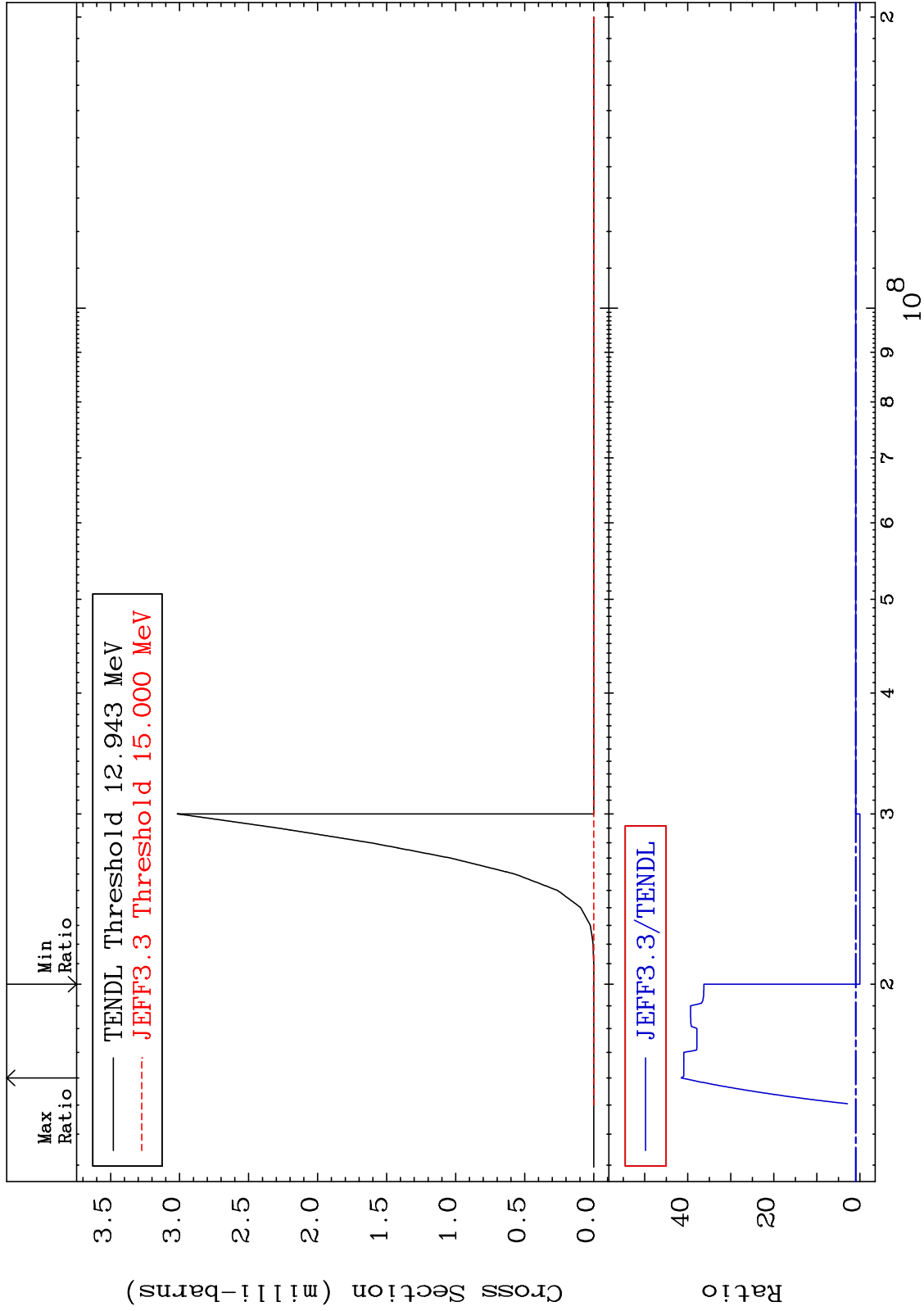
MAT 8225

(n,n') t

82-Pb-204

Cross Section

-100.0 To 4052. %



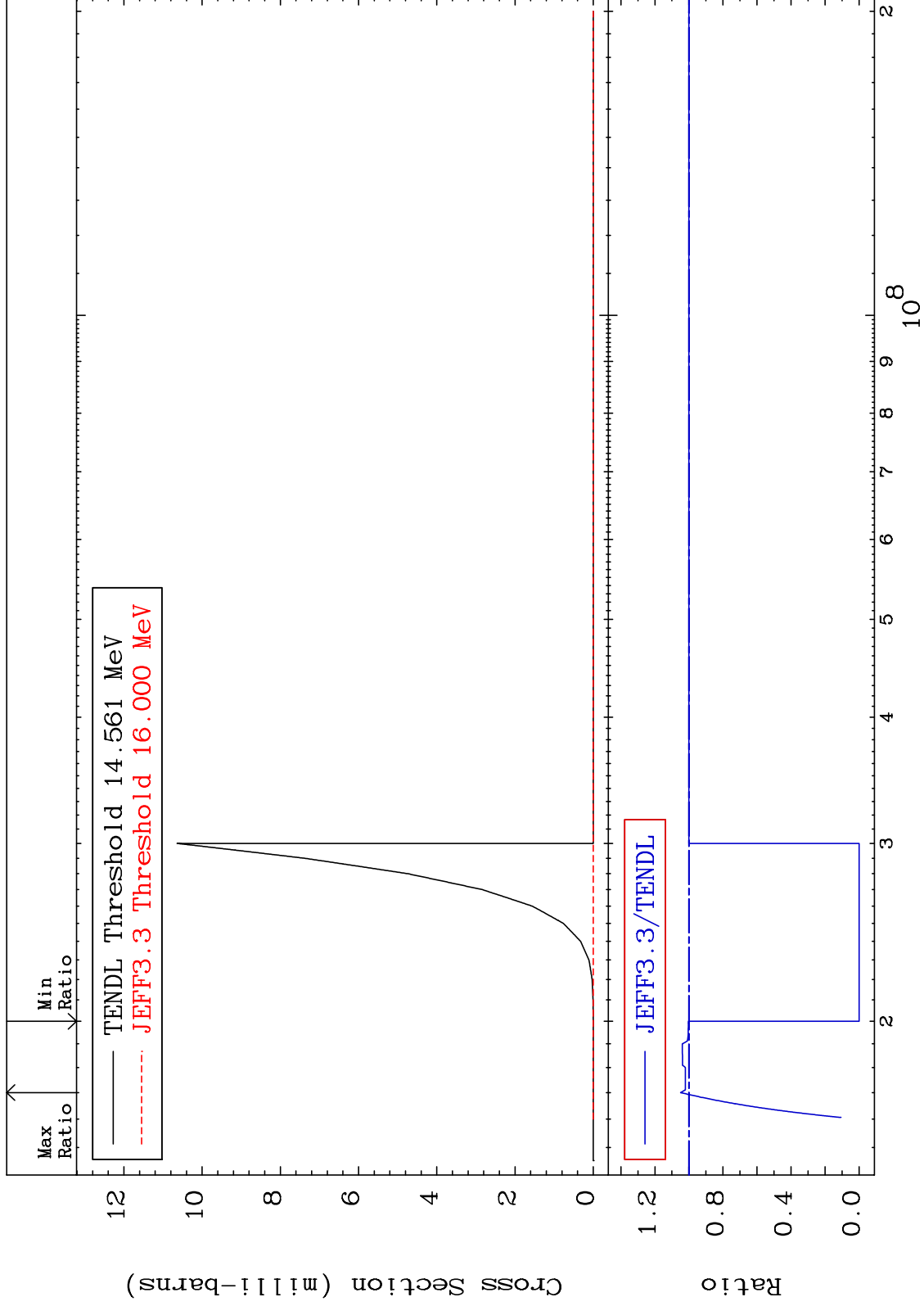
MAT 8225

(n,2n) p

82-Pb-204

Cross Section

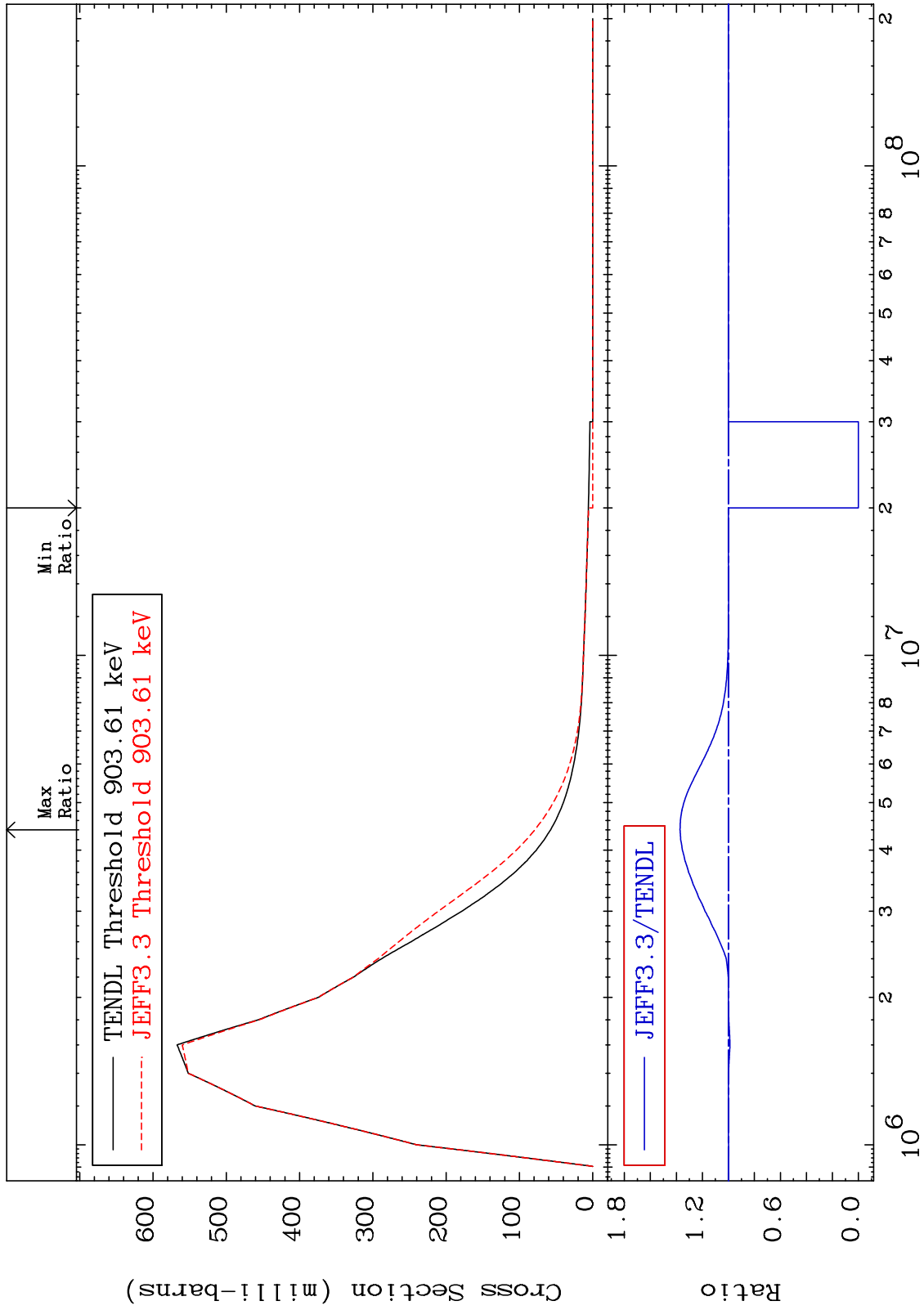
-100.0 To 4.893 %



MAT 8225

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

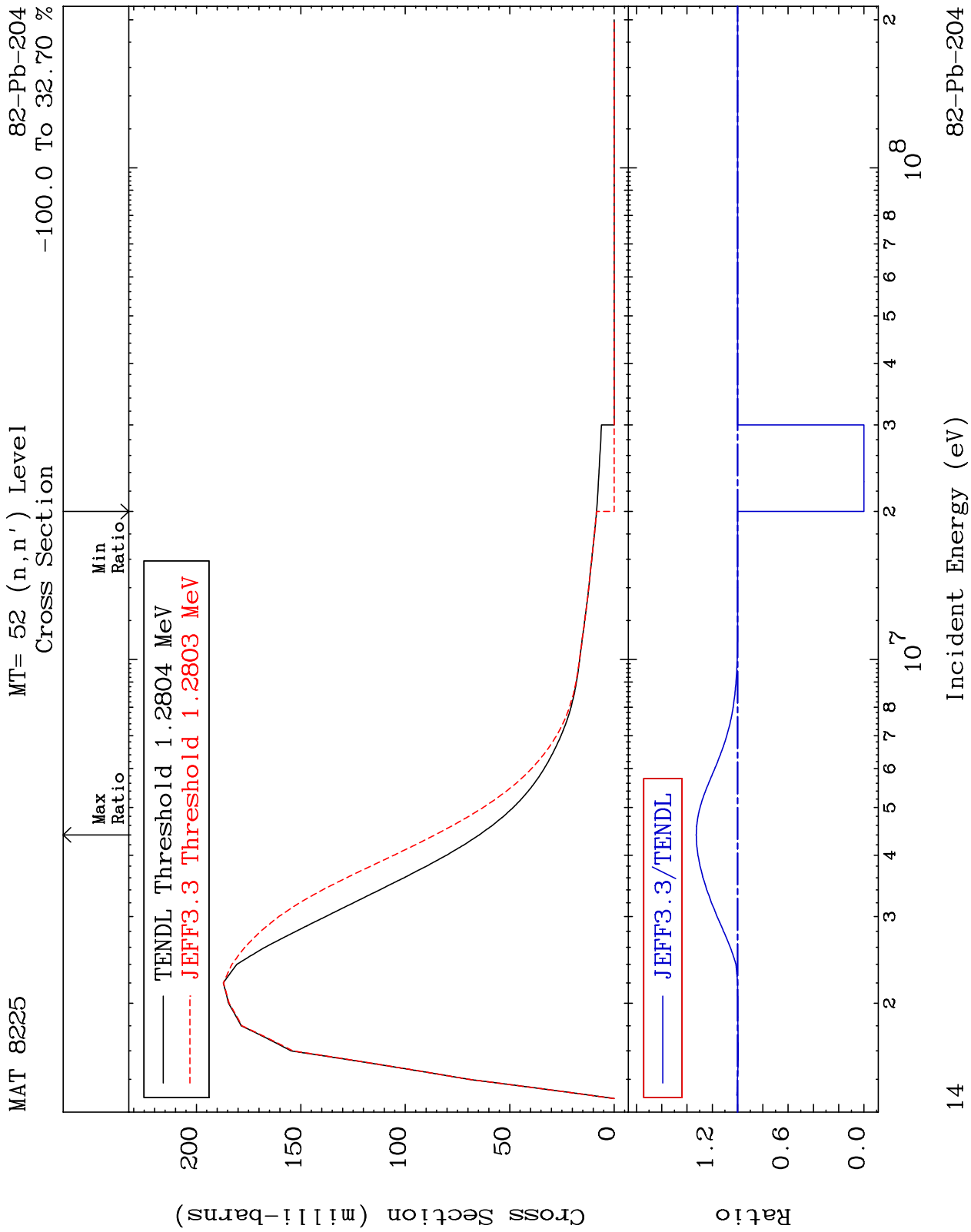
82-Pb-204
-100.0 To 37.19 %



Incident Energy (eV)

82-Pb-204

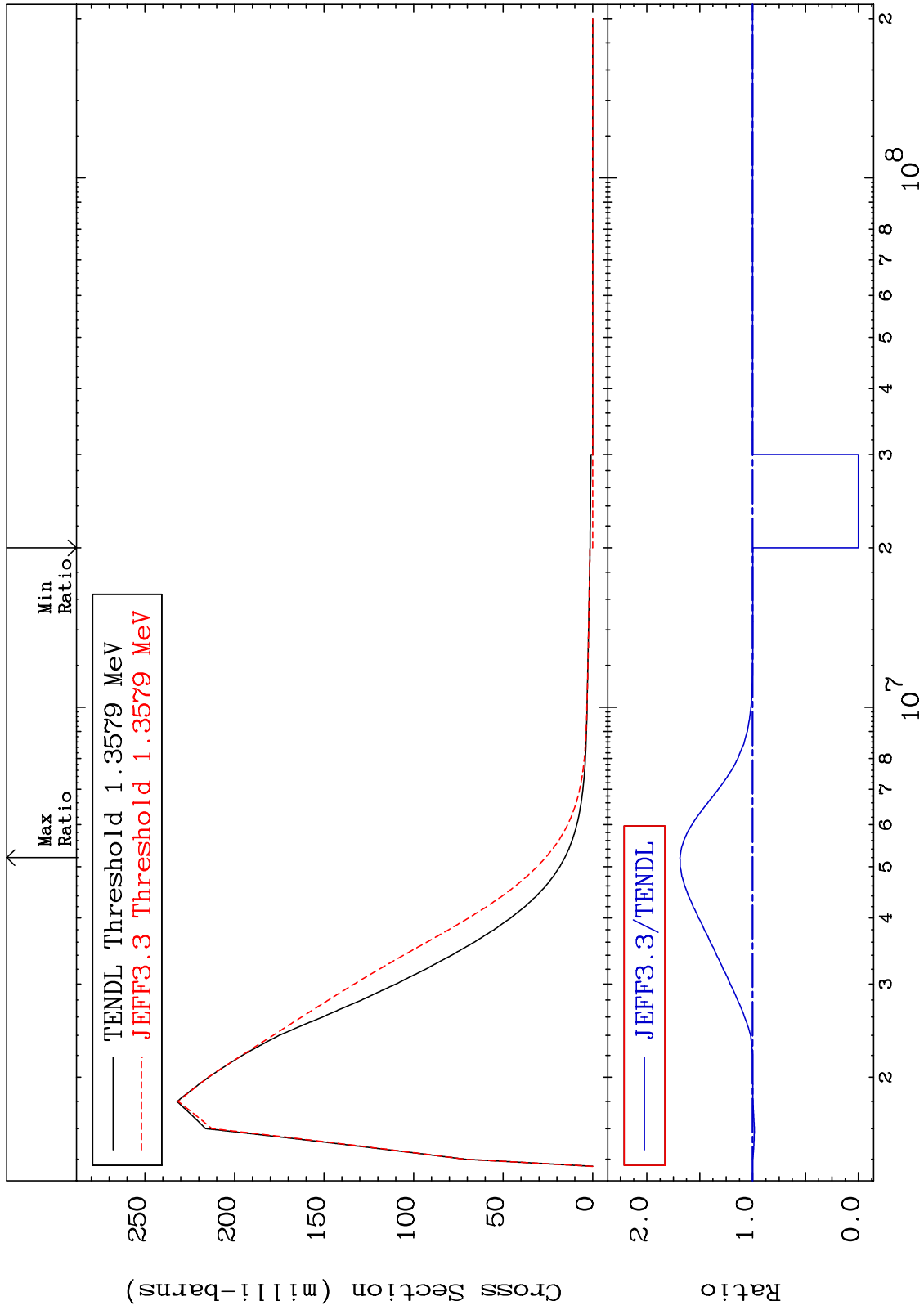
13



MAT 8225

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

82-Pb-204
-100.0 To 68.67 %



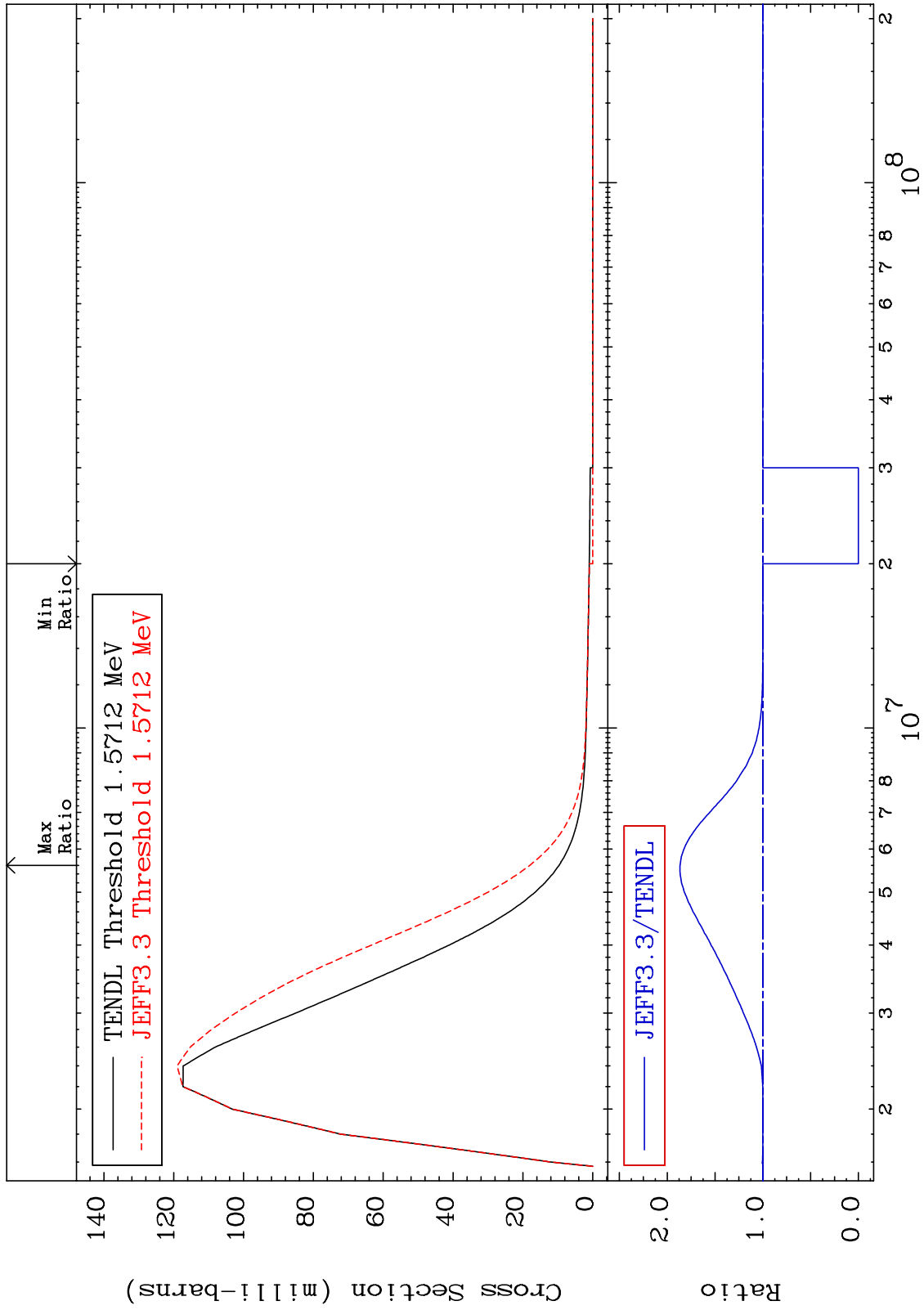
MAT 8225

MT= 54 (n,n') Level

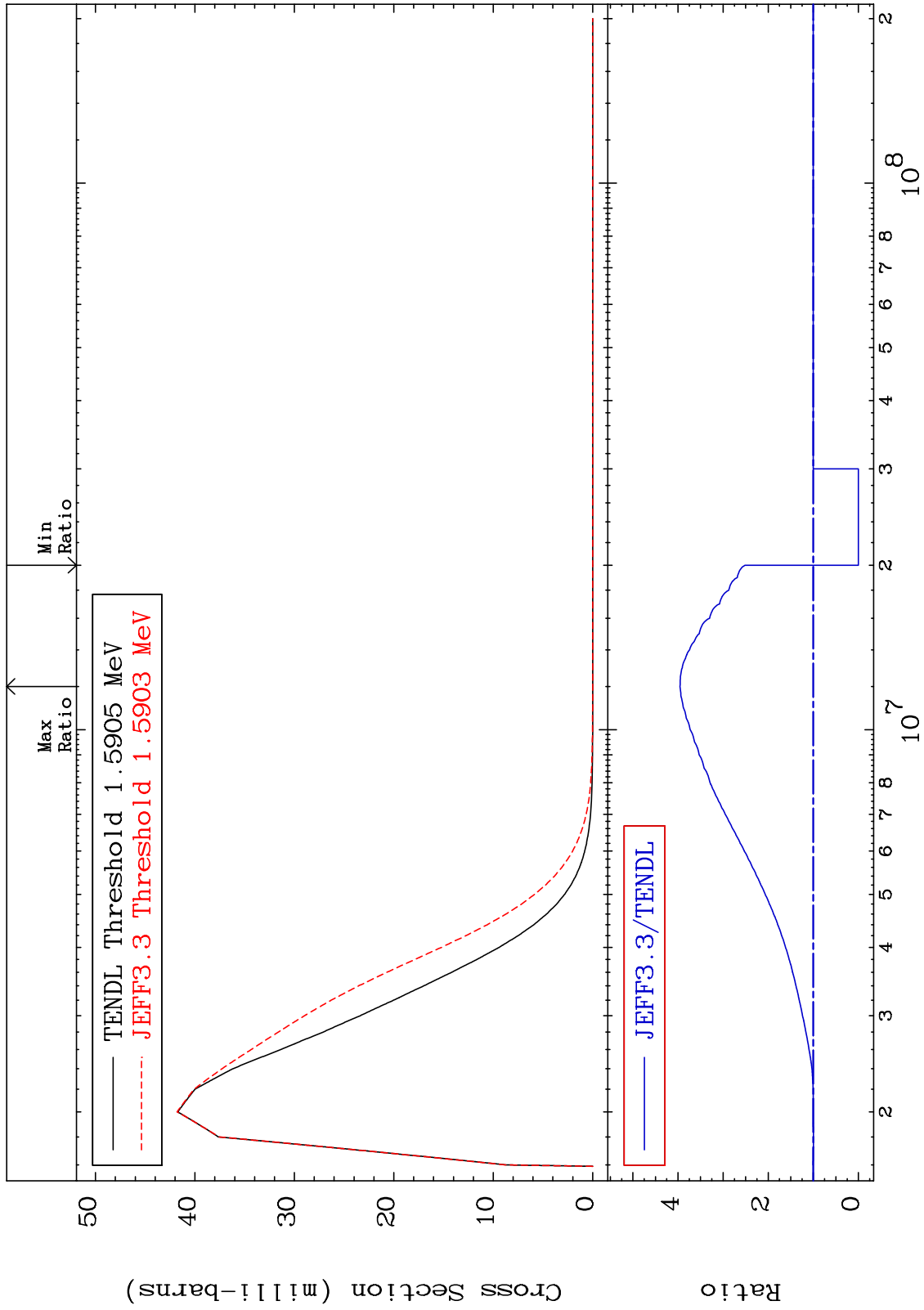
82-Pb-204

-100.0 To 86.60 %

Cross Section



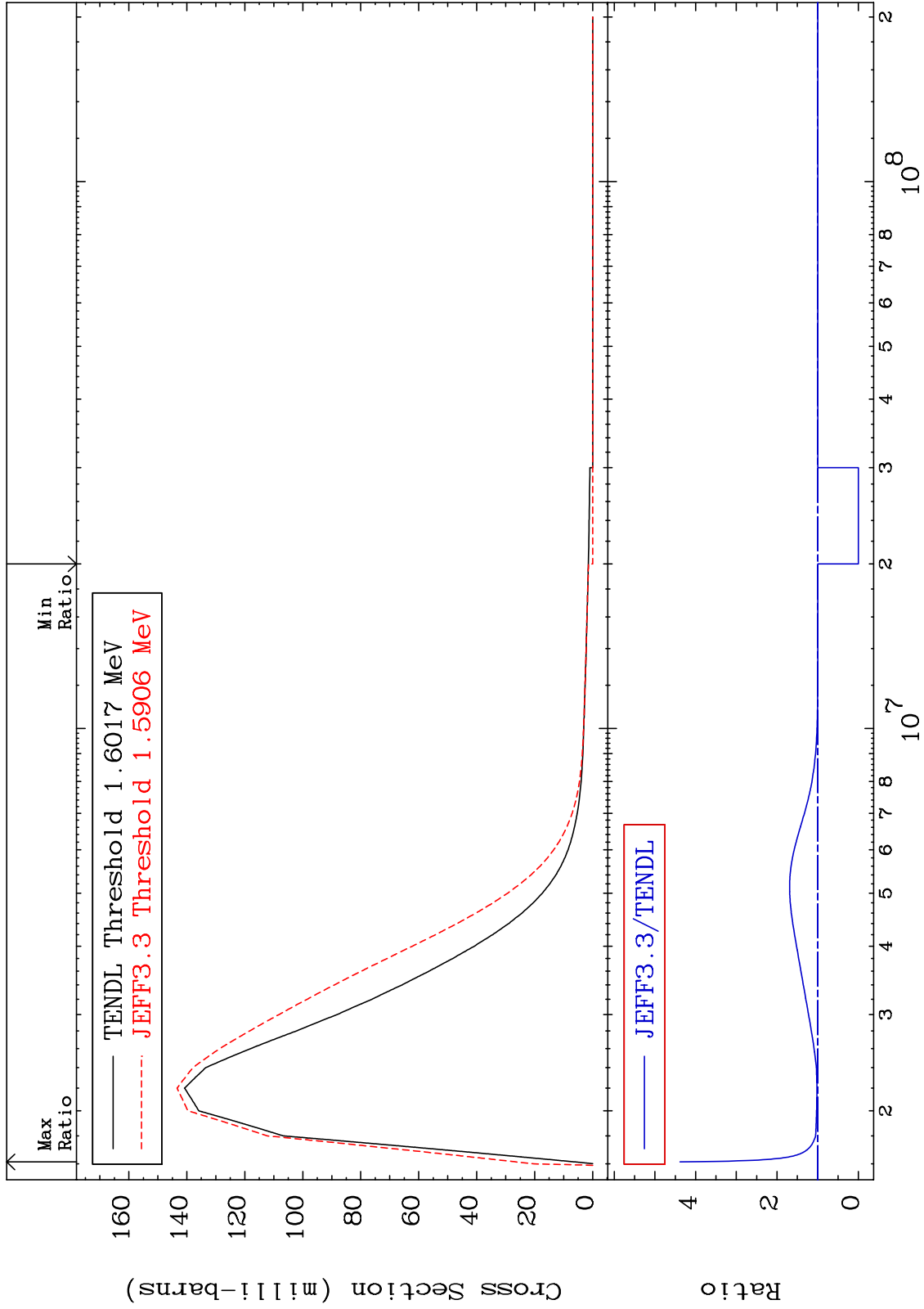
MAT 8225 MT= 55 (n,n') Level Cross Section -100.0 To 295.5 % 82-Pb-204



MAT 8225

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

82-Pb-204
-100.0 To 338.4 %



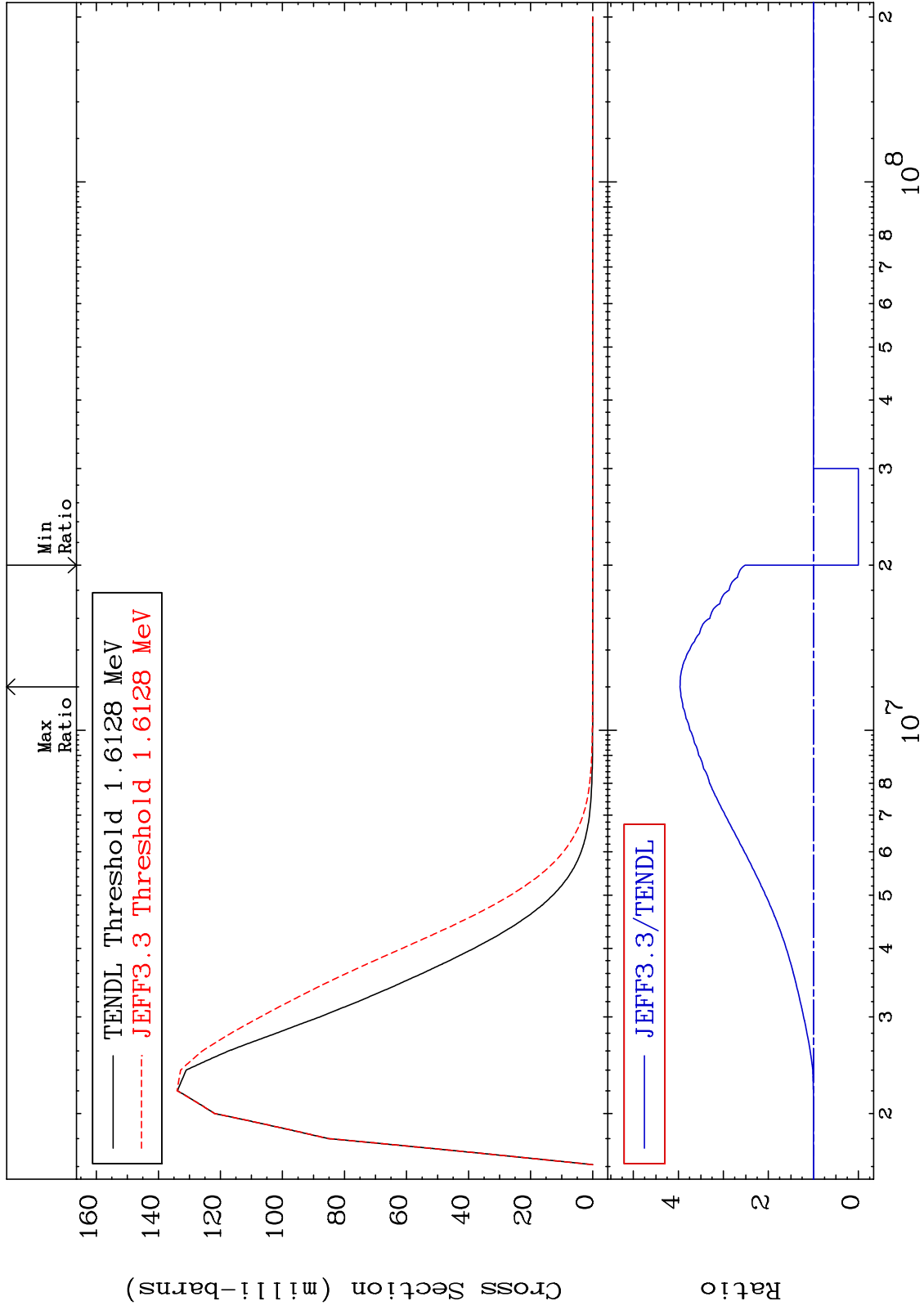
MAT 8225

MT= 57 (n, n') Level

82-Pb-204

-100.0 To 296.3 %

Cross Section



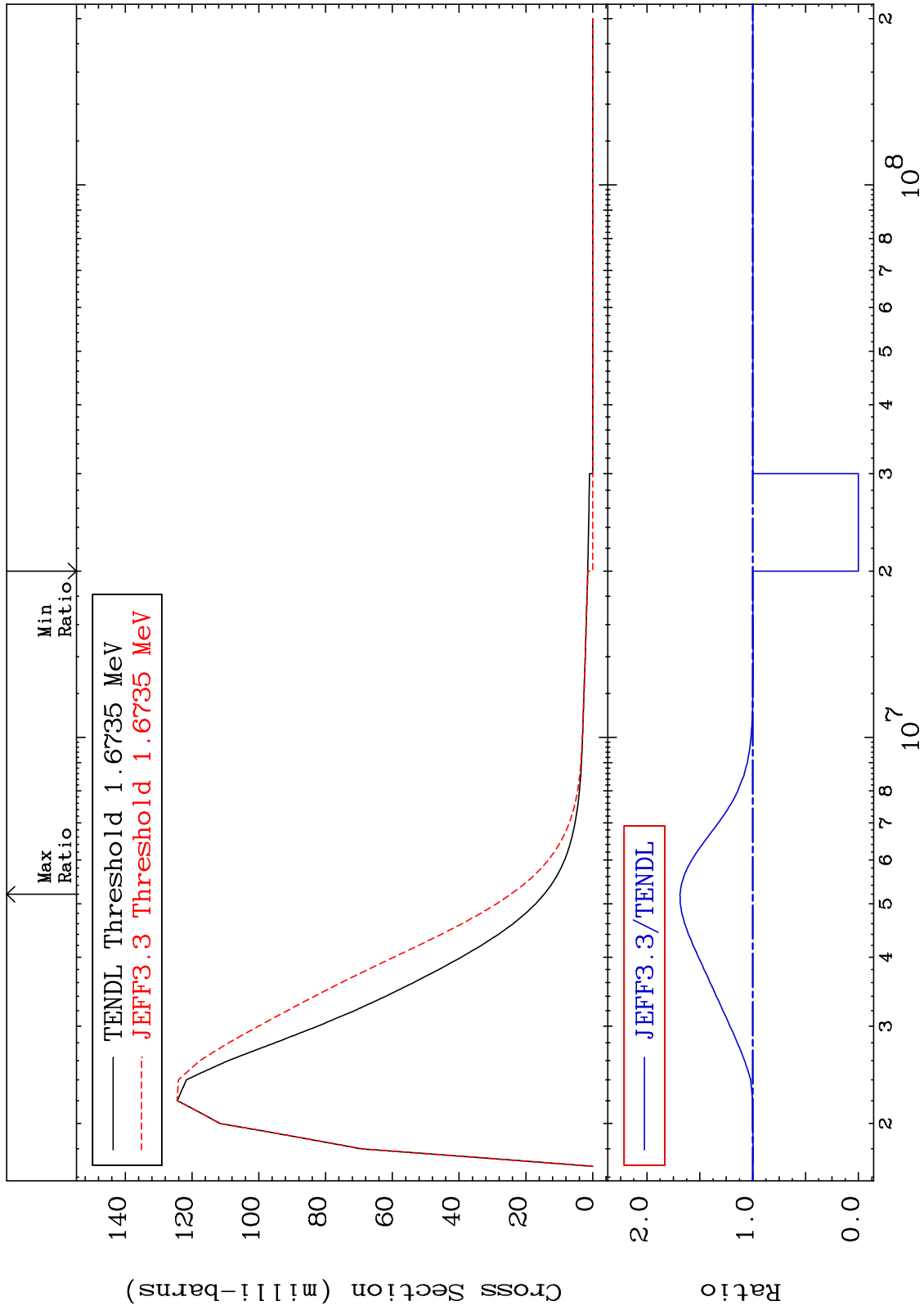
MAT 8225

MT= 58 (n,n') Level

82-Pb-204

-100.0 To 68.74 %

Cross Section



20

Incident Energy (eV)

82-Pb-204

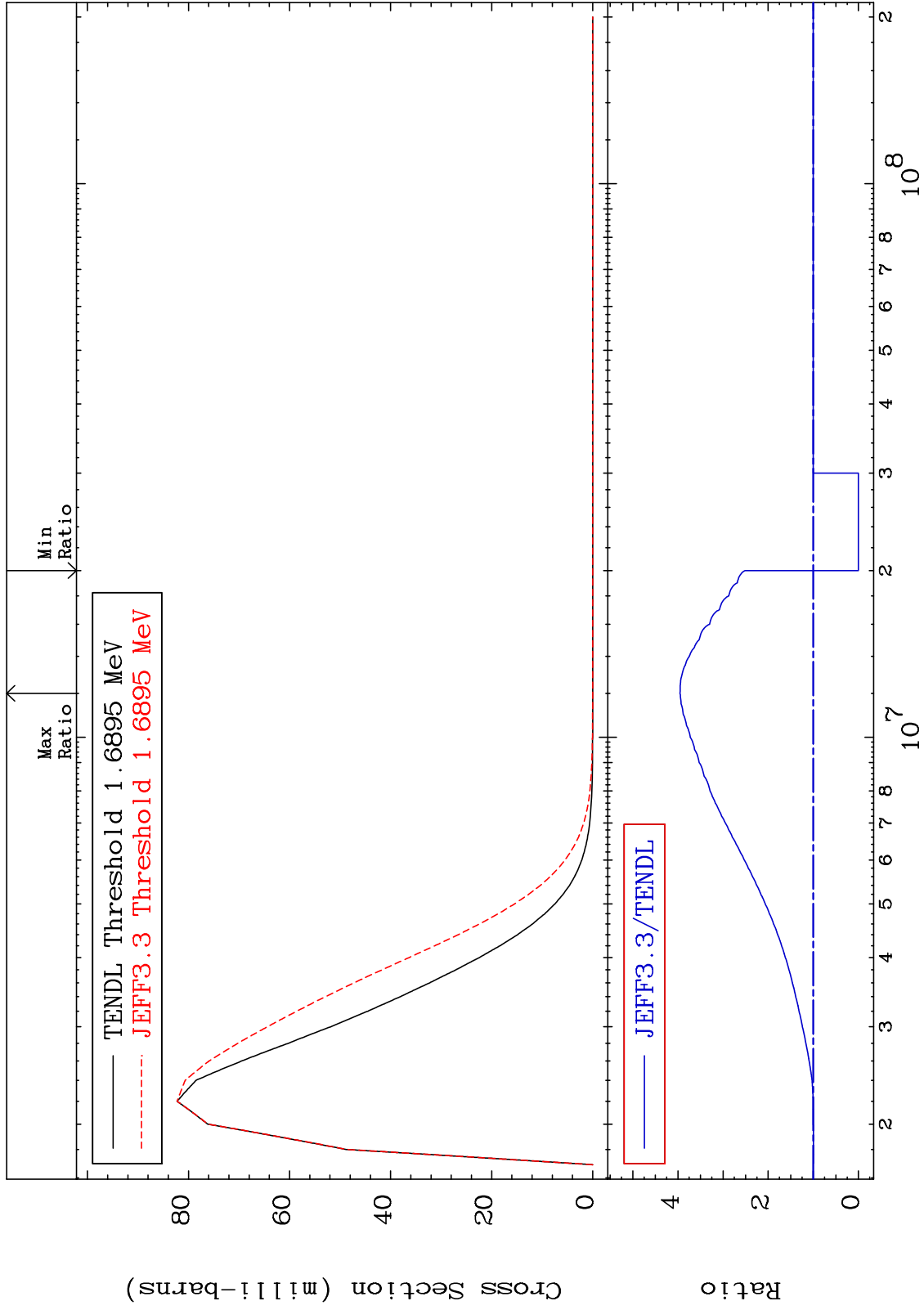
MAT 8225

MT= 59 (n, n') Level

82-Pb-204

-100.0 To 295.4 %

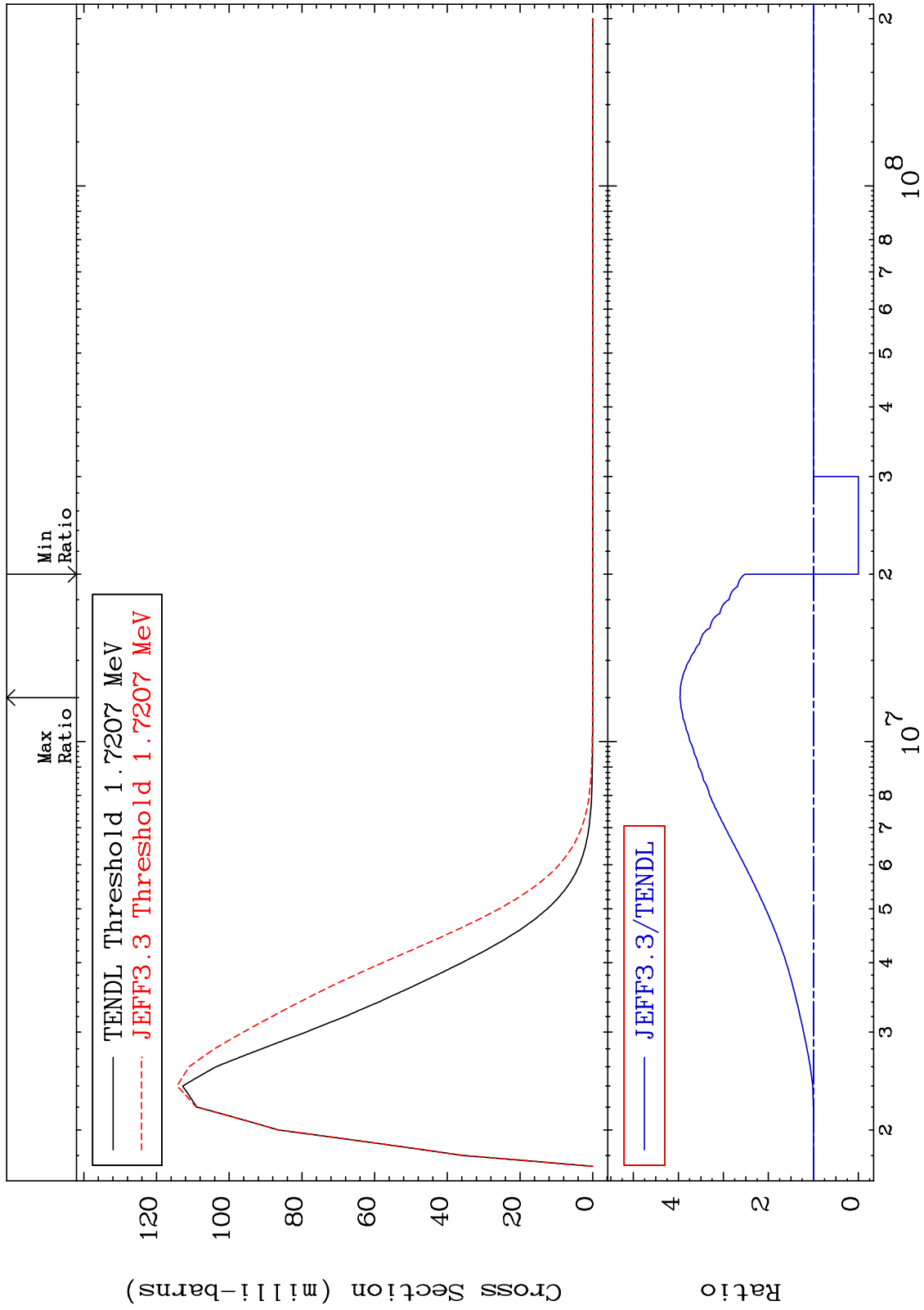
Cross Section



MAT 8225

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

82-Pb-204
-100.0 To 296.3 %

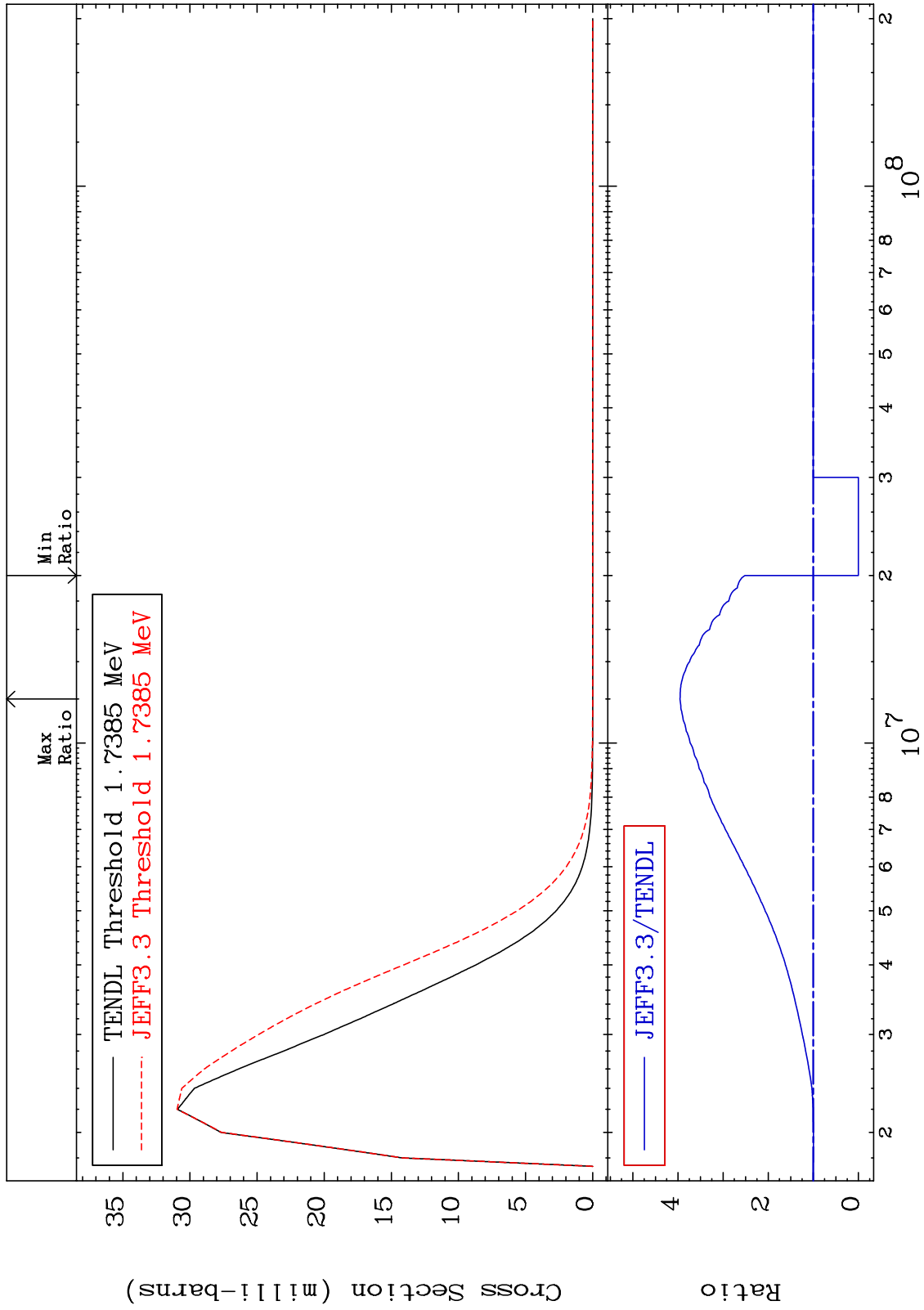


22

Incident Energy (eV)

82-Pb-204

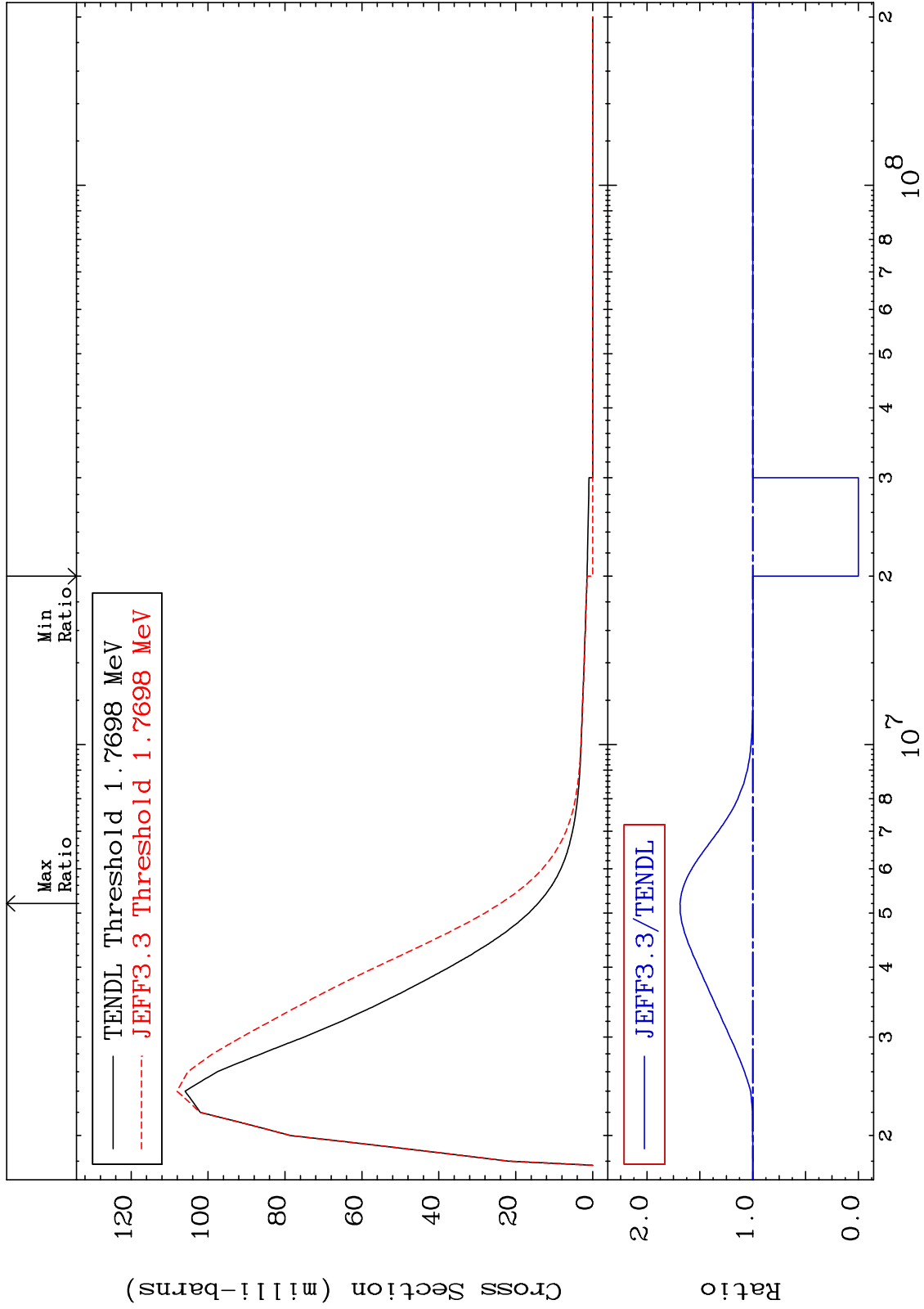
MAT 8225 MT= 61 (n,n') Level Cross Section 82-Pb-204
 -100.0 To 295.5 %



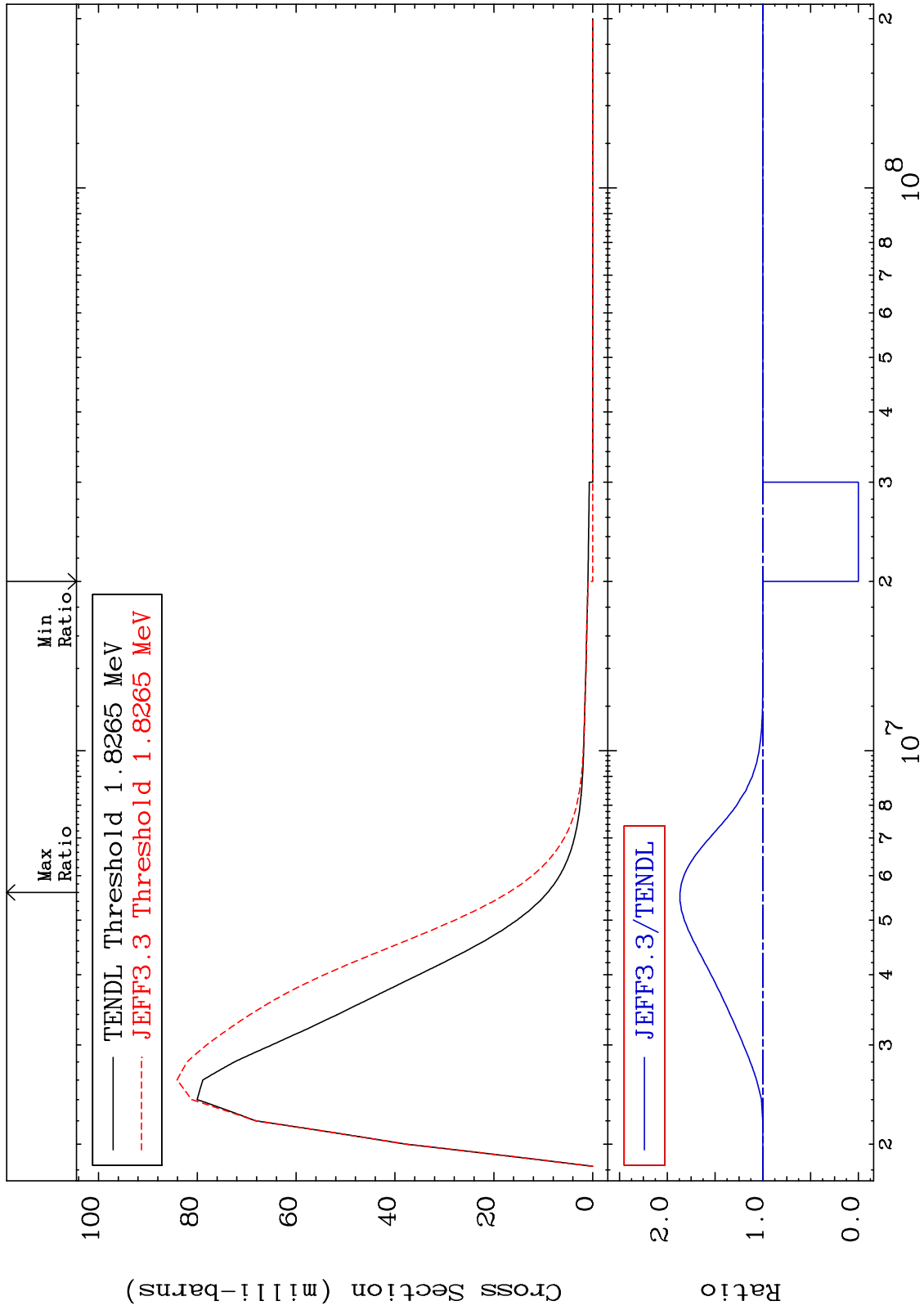
MAT 8225

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

82-Pb-204
-100.0 To 68.79 %



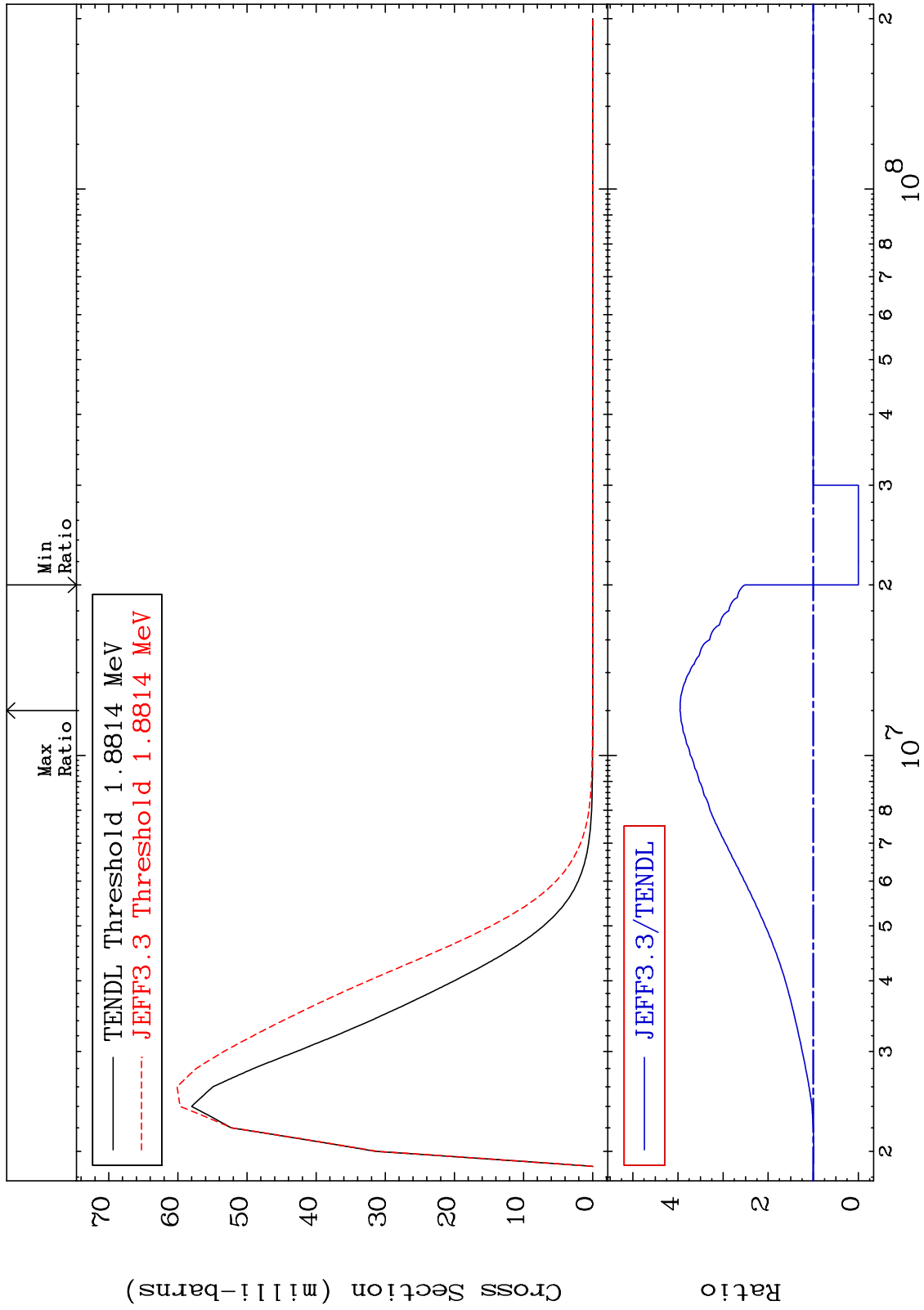
MAT 8225 MT= 63 (n,n') Level Cross Section -100.0 To 86.66 % 82-Pb-204



MAT 8225

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

82-Pb-204
-100.0 To 295.3 %



26

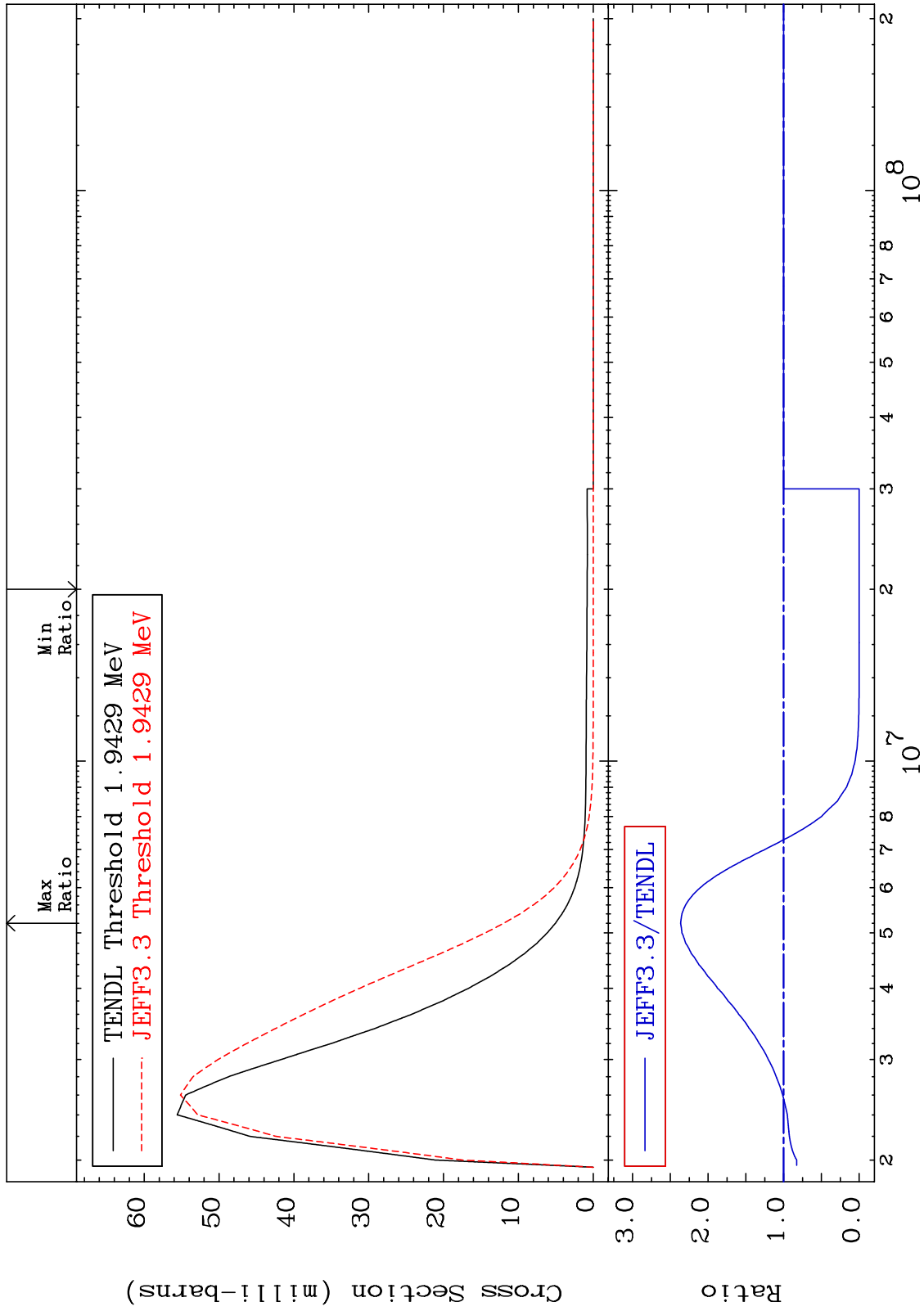
Incident Energy (eV)

82-Pb-204

MAT 8225

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

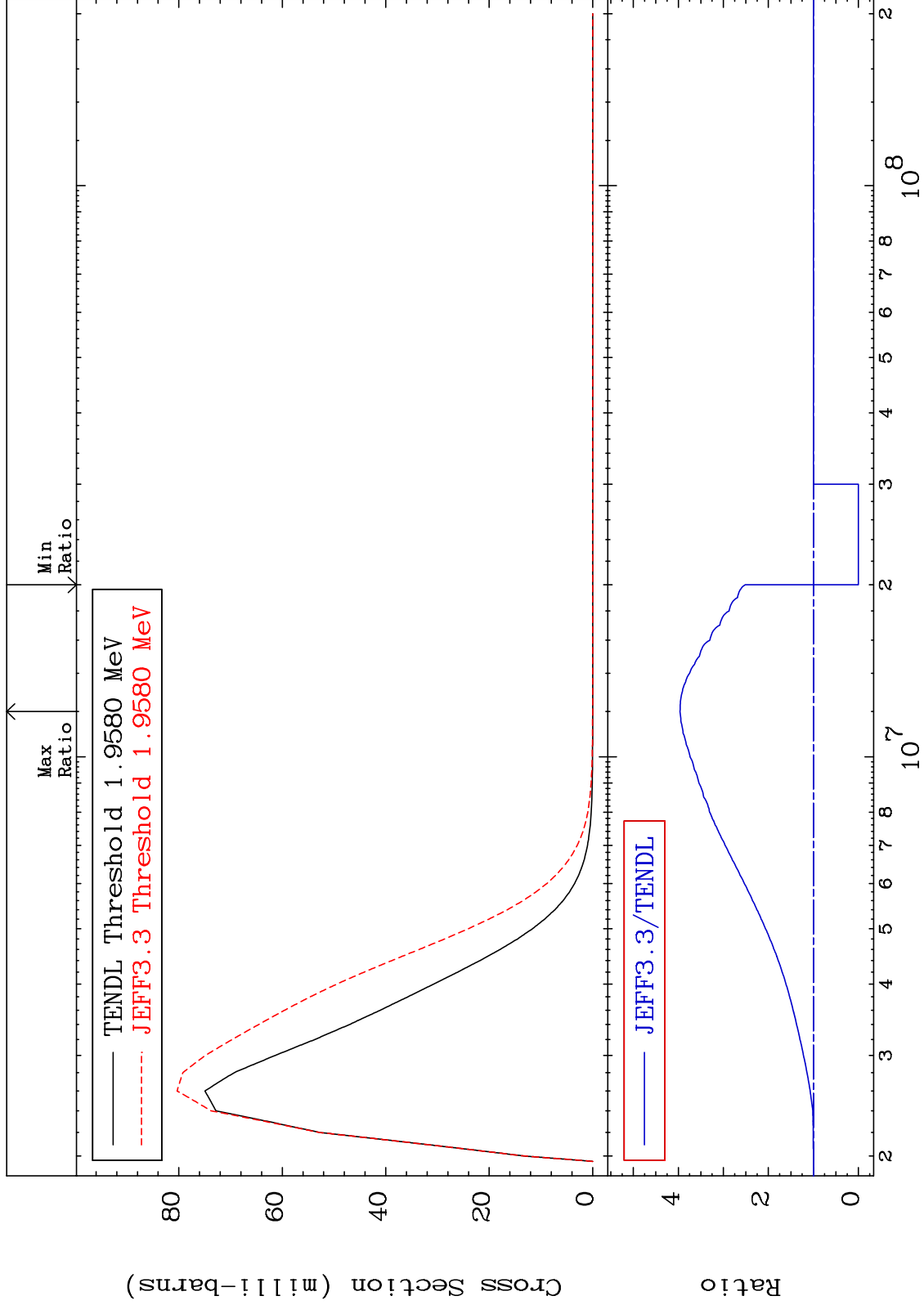
82-Pb-204
-100.0 To 136.4 %



MAT 8225

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

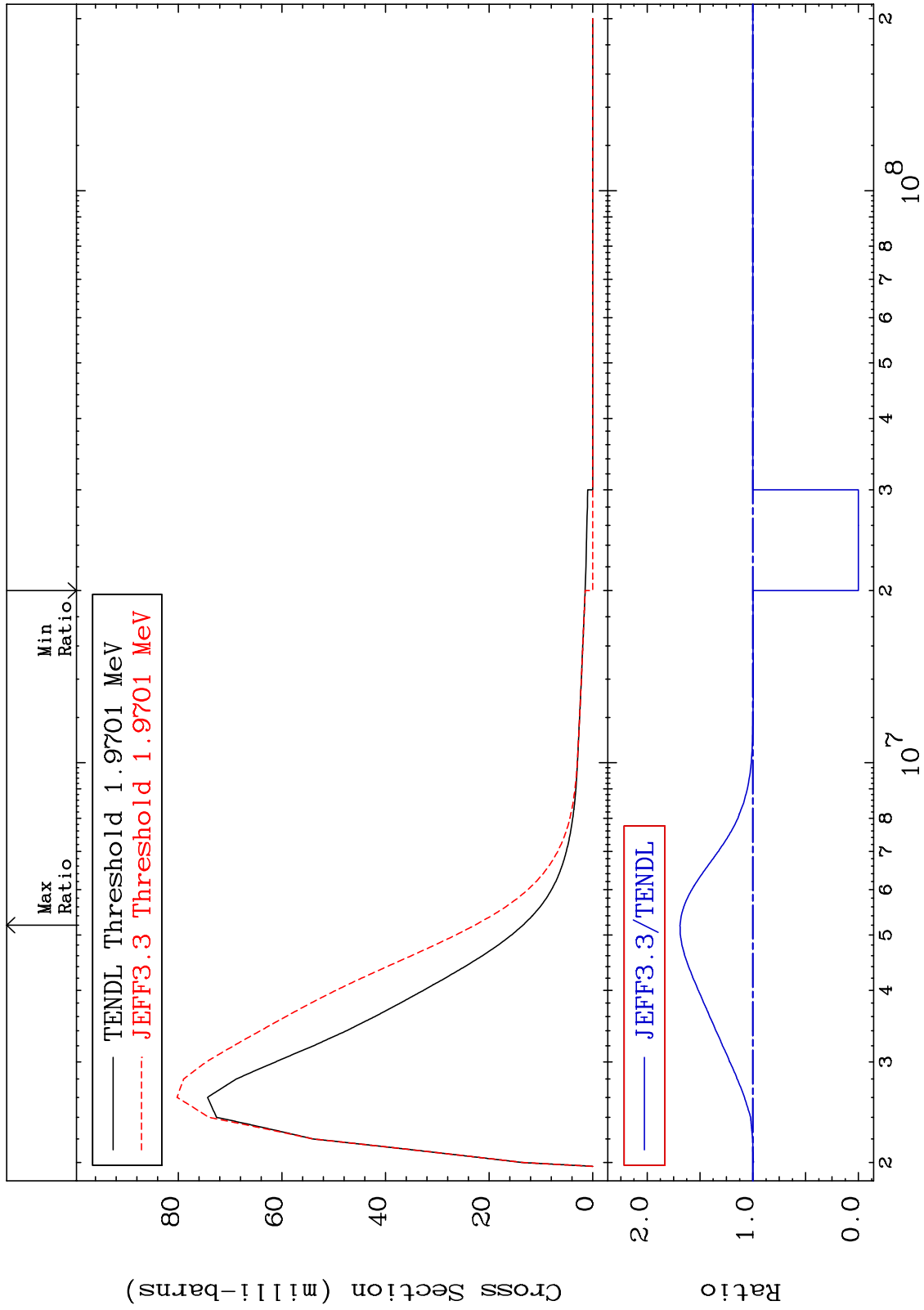
82-Pb-204
-100.0 To 296.2 %



MAT 8225

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

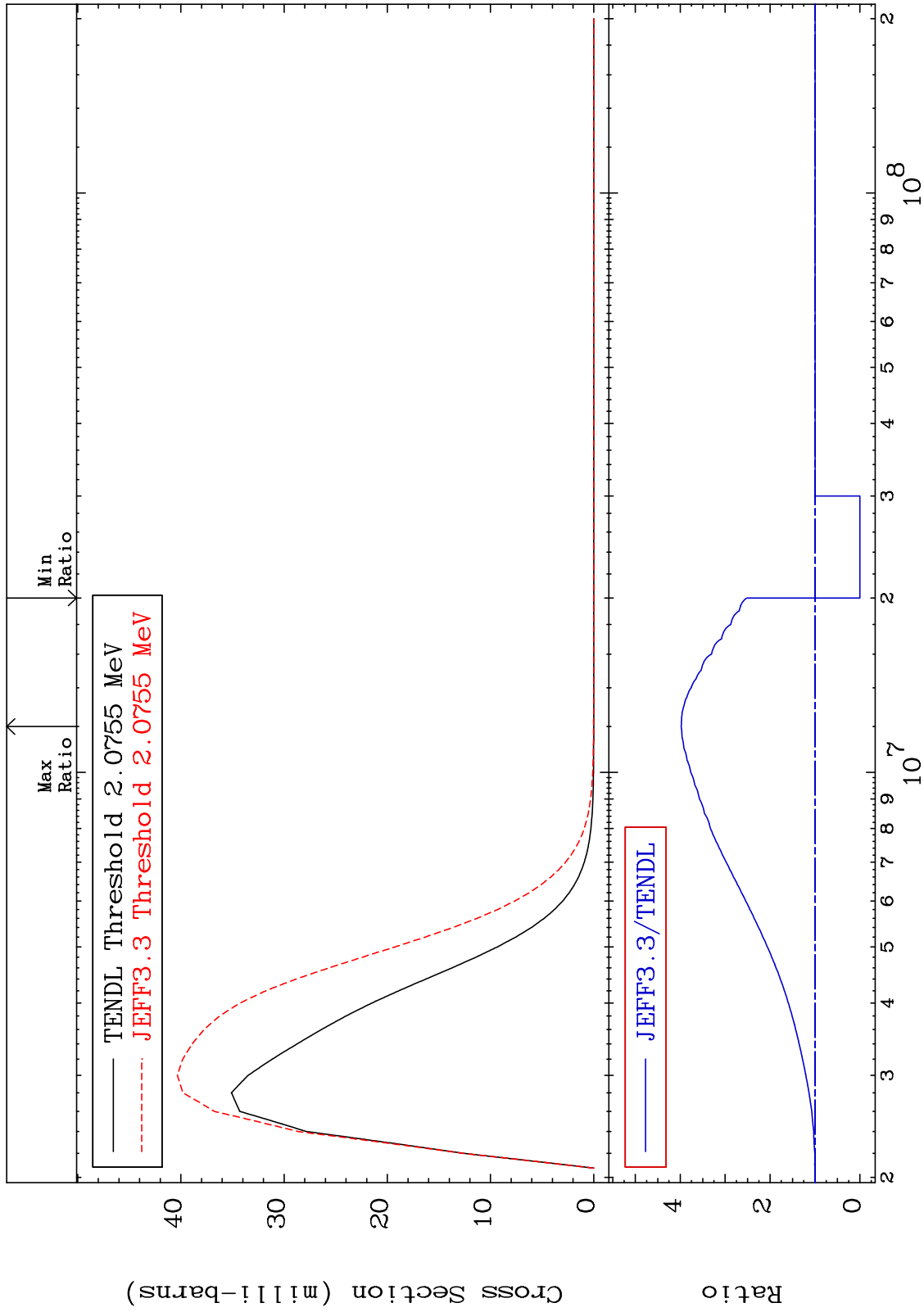
82-Pb-204
-100.0 To 68.93 %



MAT 8225

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

82-Pb-204
-100.0 To 297.8 %

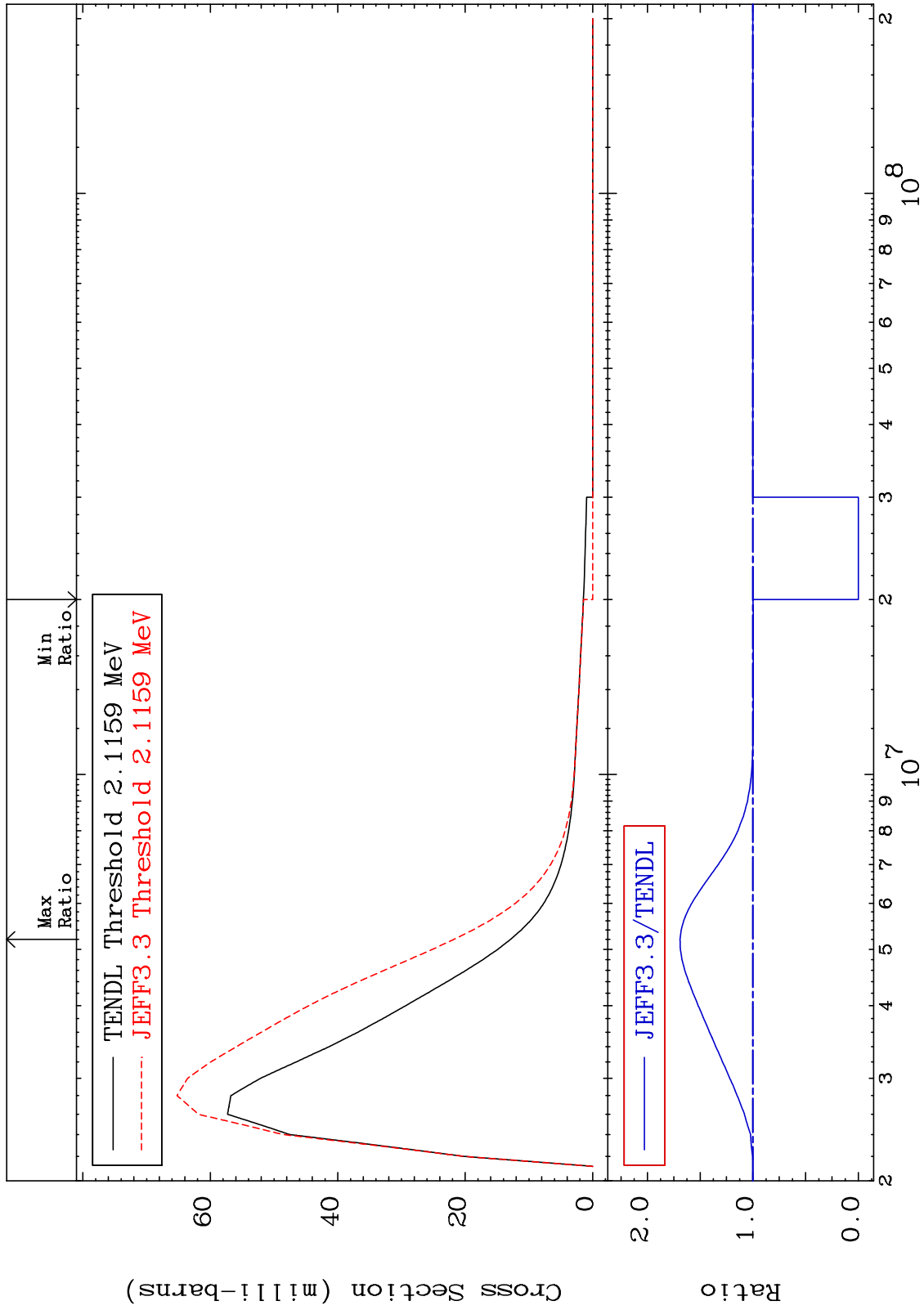


30

Incident Energy (eV)

82-Pb-204

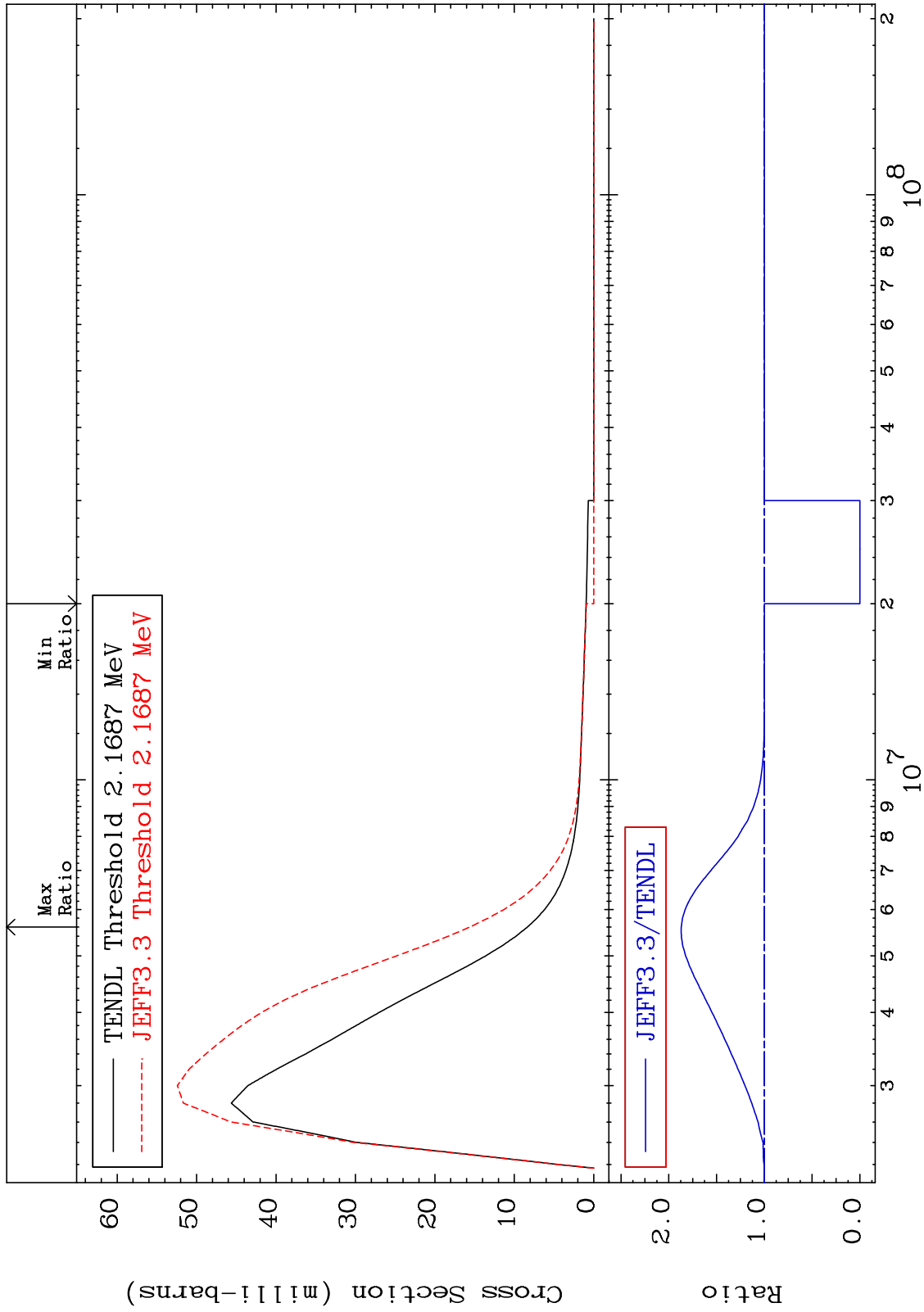
MAT 8225 MT= 69 (n, n') Level Cross Section -100.0 To 69.06 % 82-Pb-204



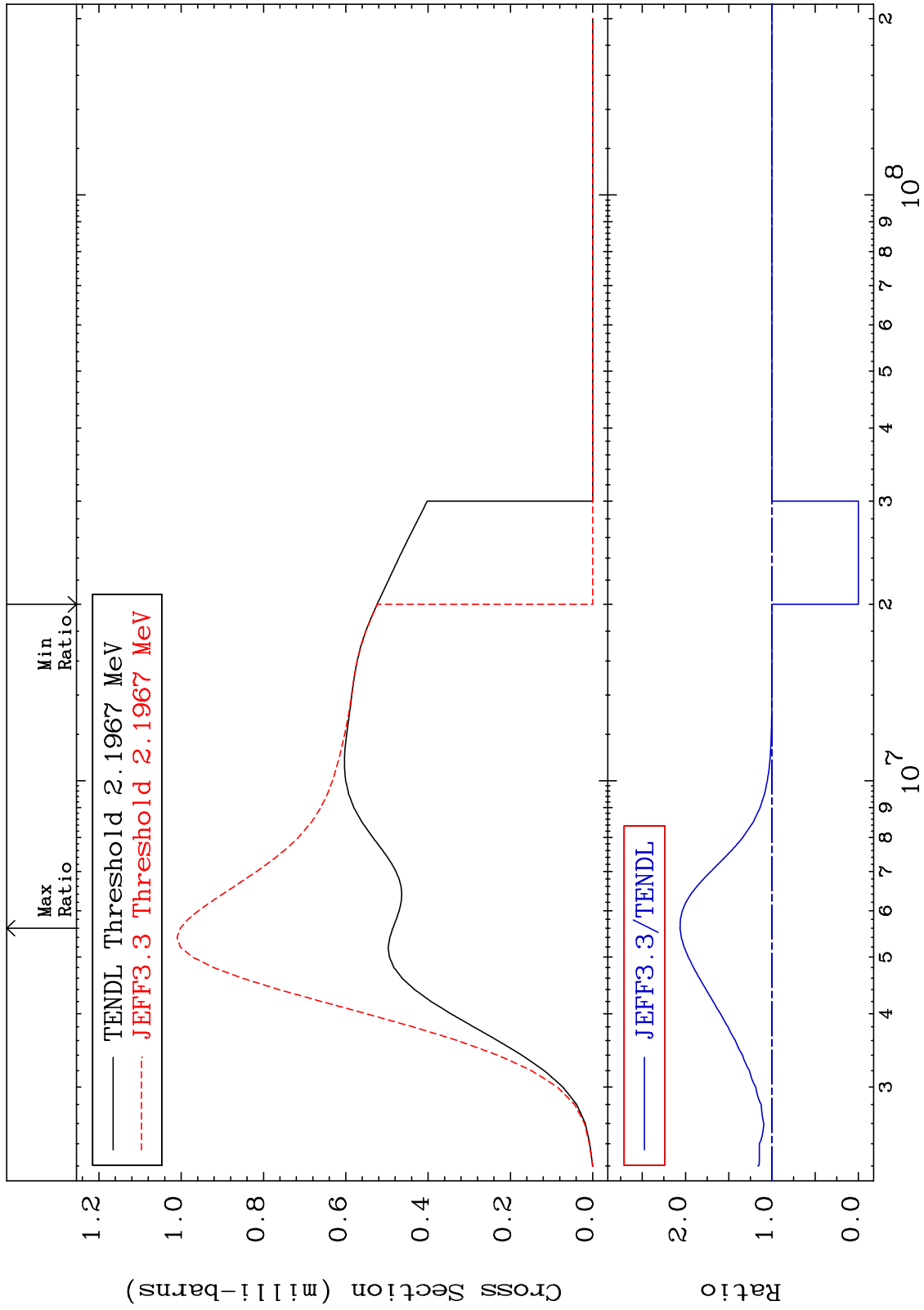
MAT 8225

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

82-Pb-204
-100.0 To 86.96 %



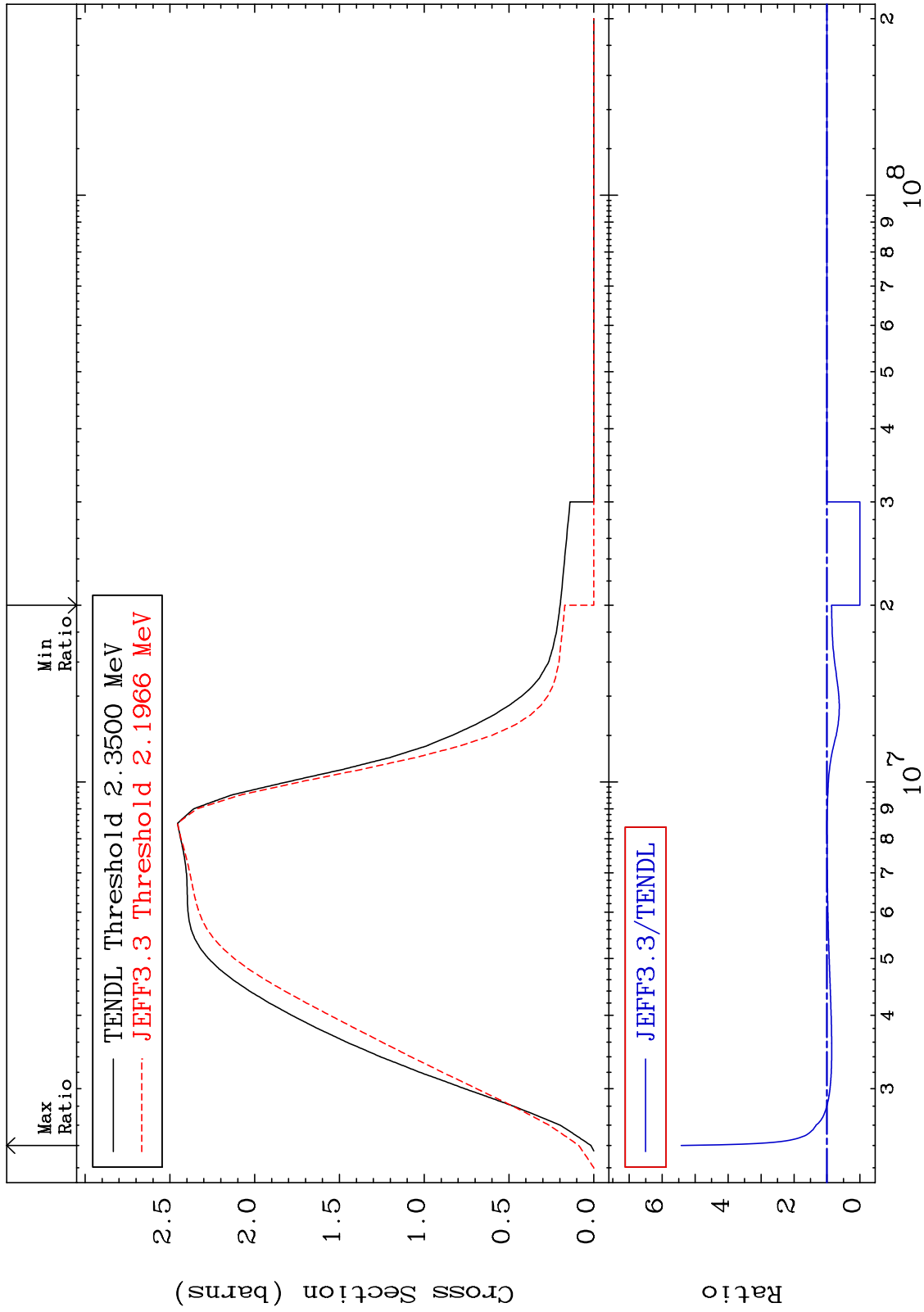
MAT 8225 MT= 71 (n, n') Level Cross Section 82-Pb-204
 -100.0 To 106.4 %



MAT 8225

(n, n') Continuum
Cross Section

82-Pb-204
-100.0 To 442.2 %



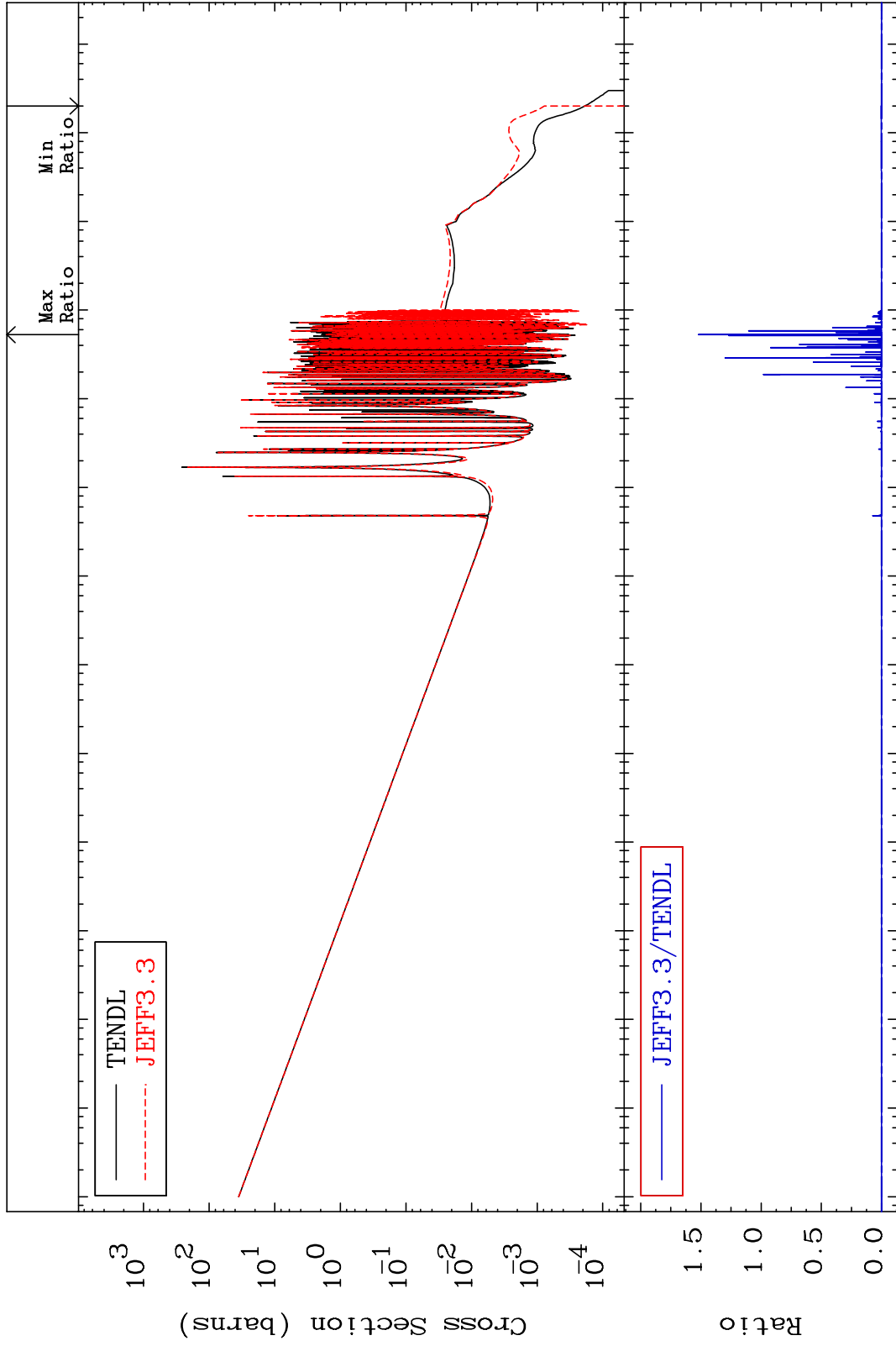
MAT 8225

(n, γ)

82-Pb-204

Cross Section

-100.0 To 9999. %



35

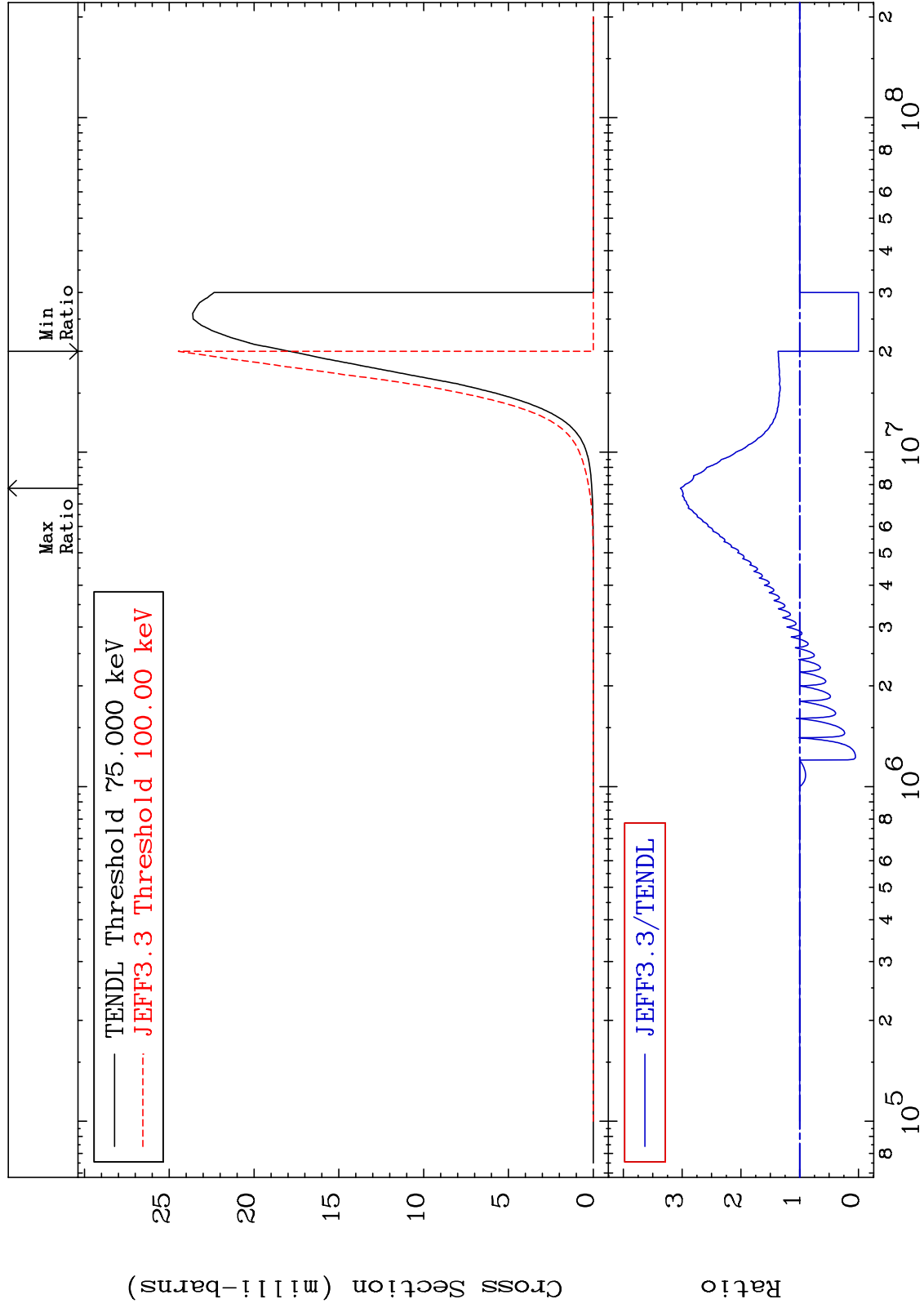
Incident Energy (eV)

82-Pb-204

MAT 8225

(n, p)
Cross Section

82-Pb-204
-100.0 To 202.9 %



36

82-Pb-204

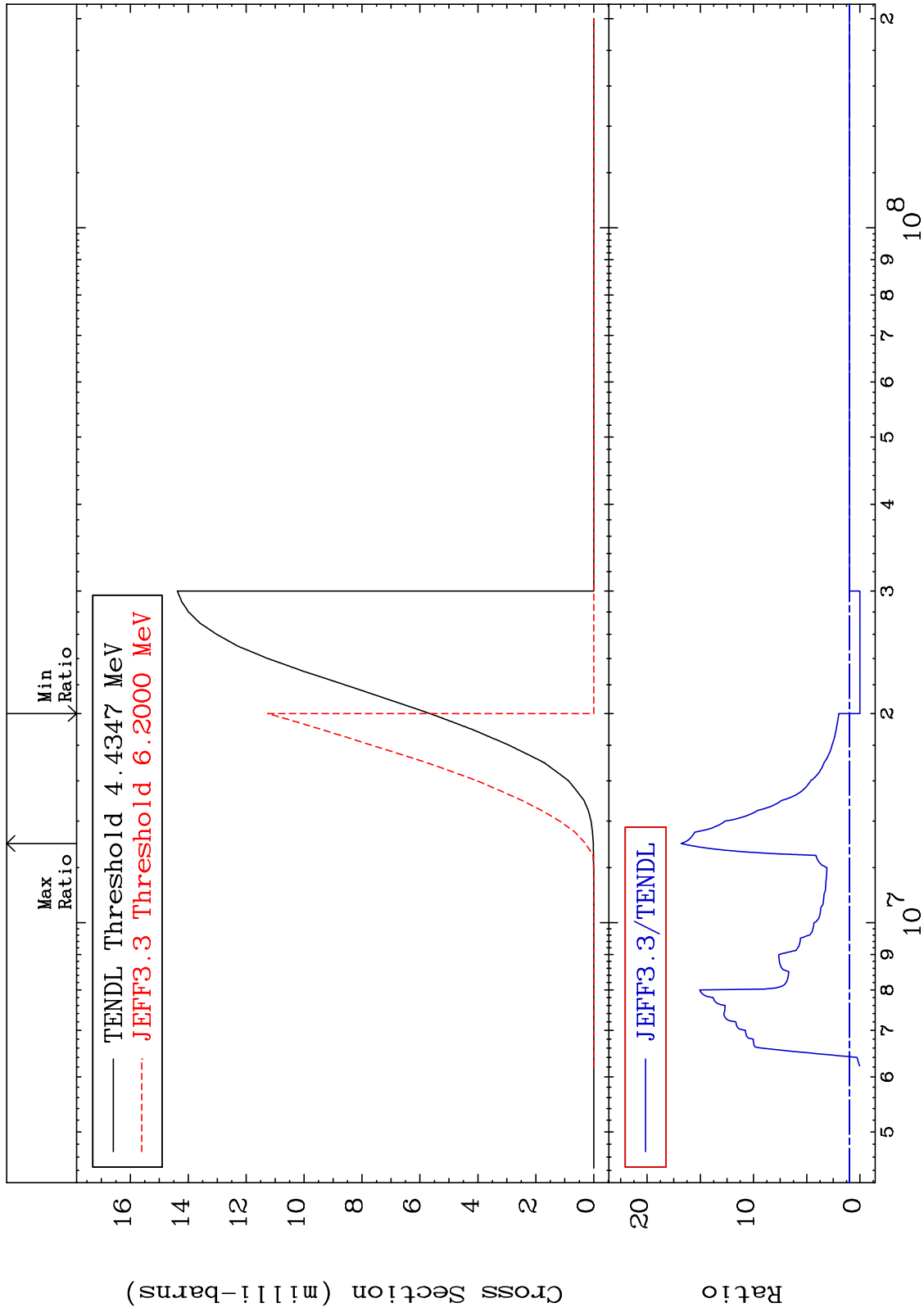
MAT 8225

(n, d)

82-Pb-204

Cross Section

-100.0 To 1580. %



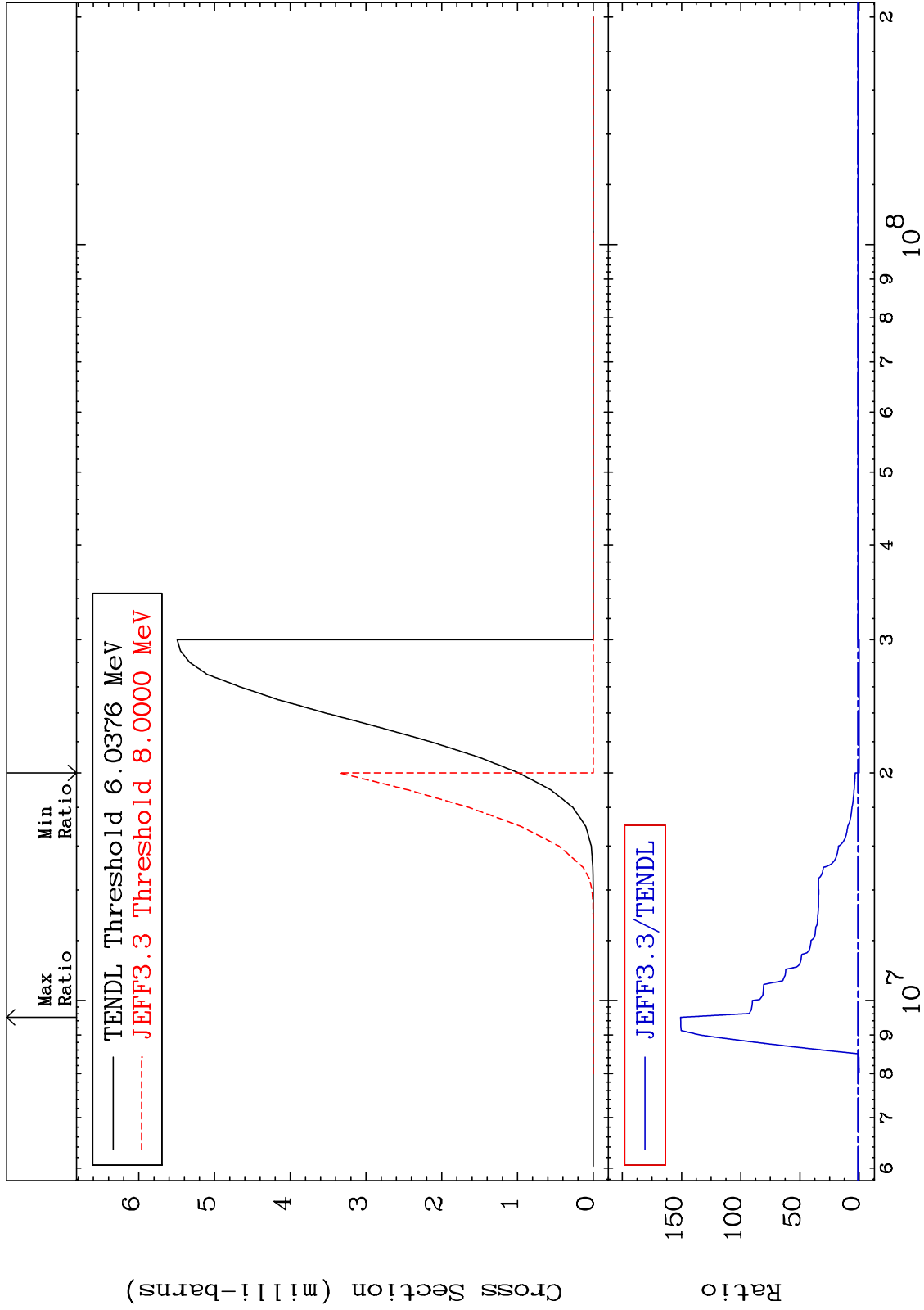
MAT 8225

(n, t)

82-Pb-204

Cross Section

-100.0 To 9999. %



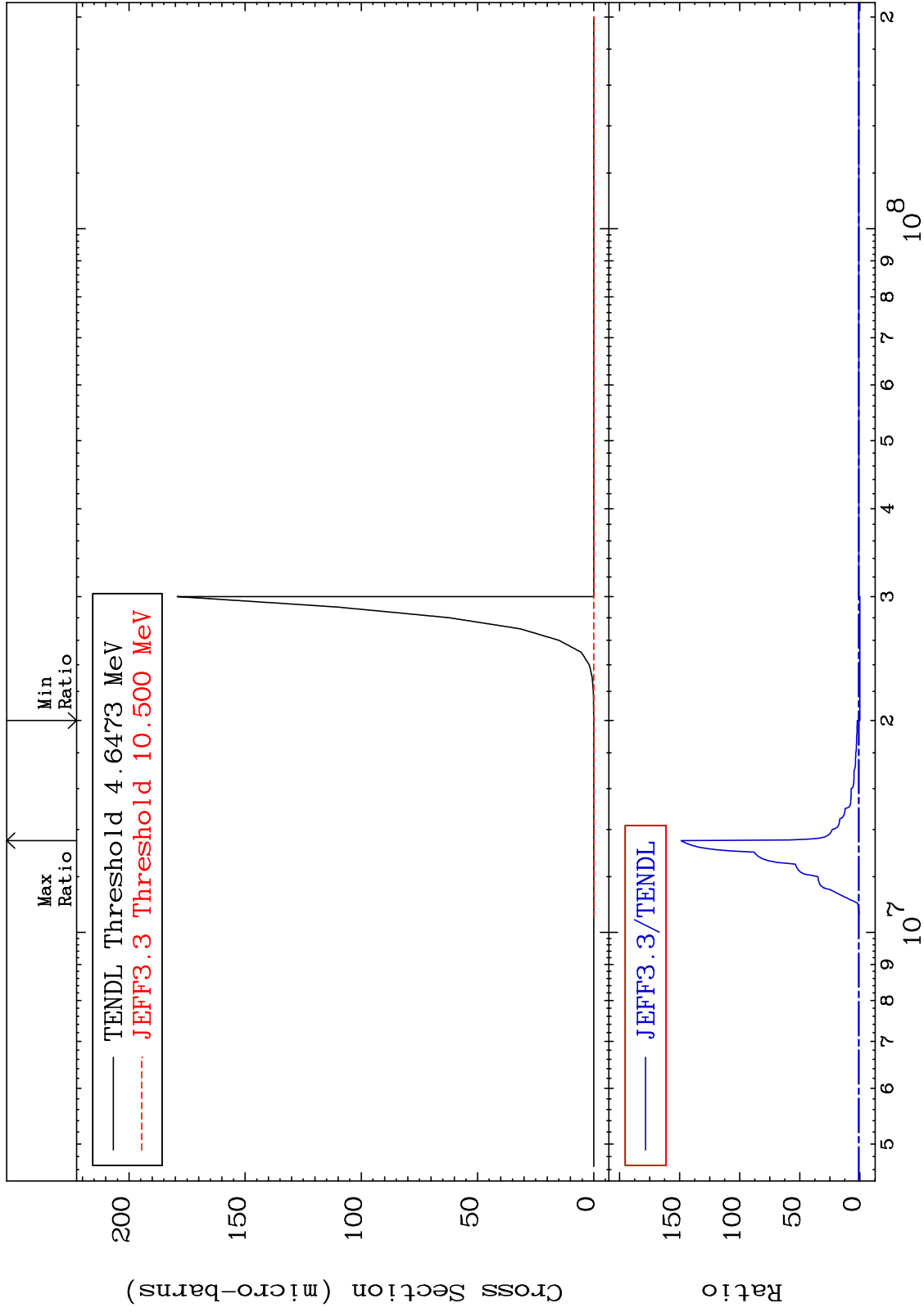
MAT 8225

(n, He-3)

82-Pb-204

-100.0 To 9999. %

Cross Section



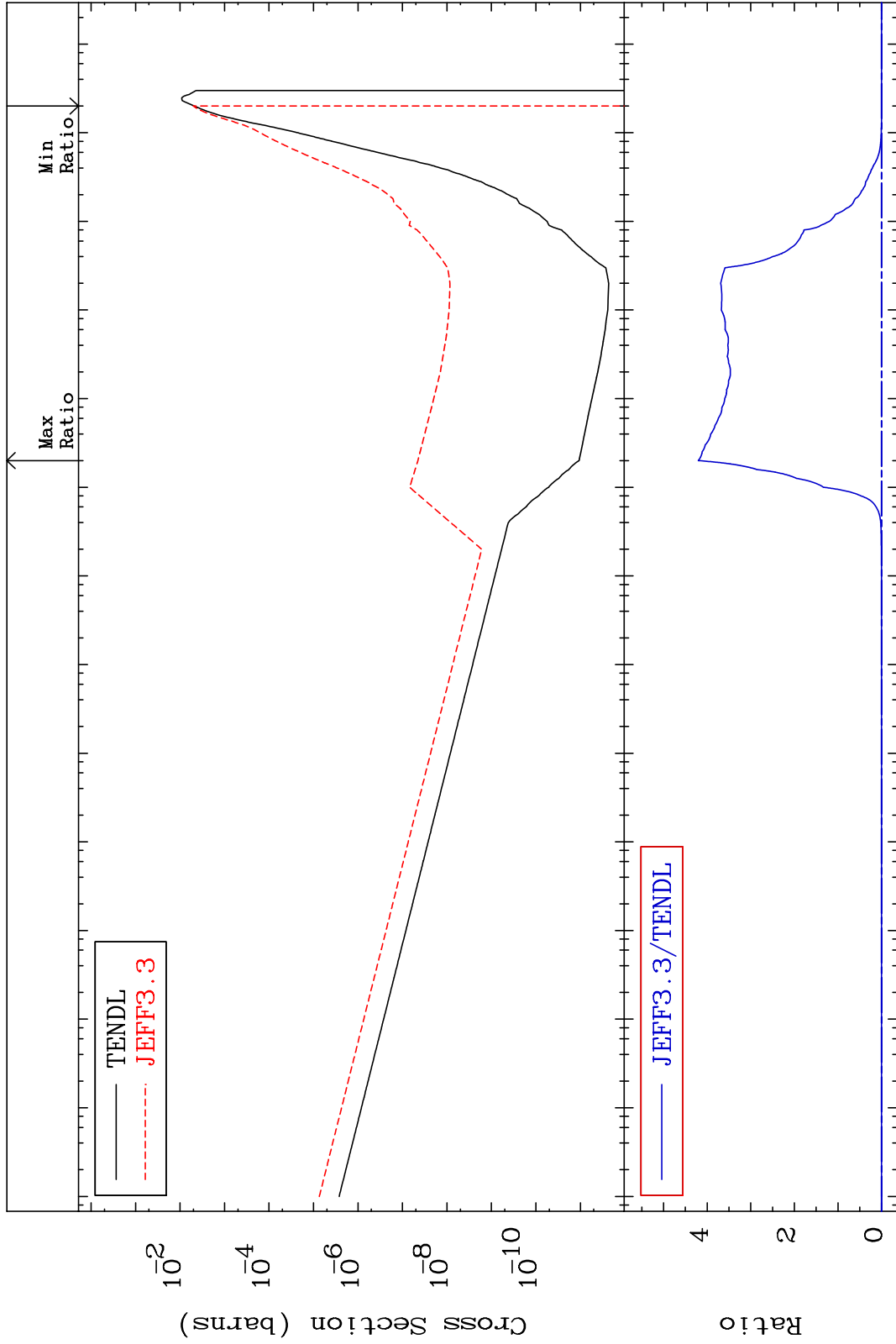
MAT 8225

(n, α)

82-Pb-204

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

82-Pb-204

40

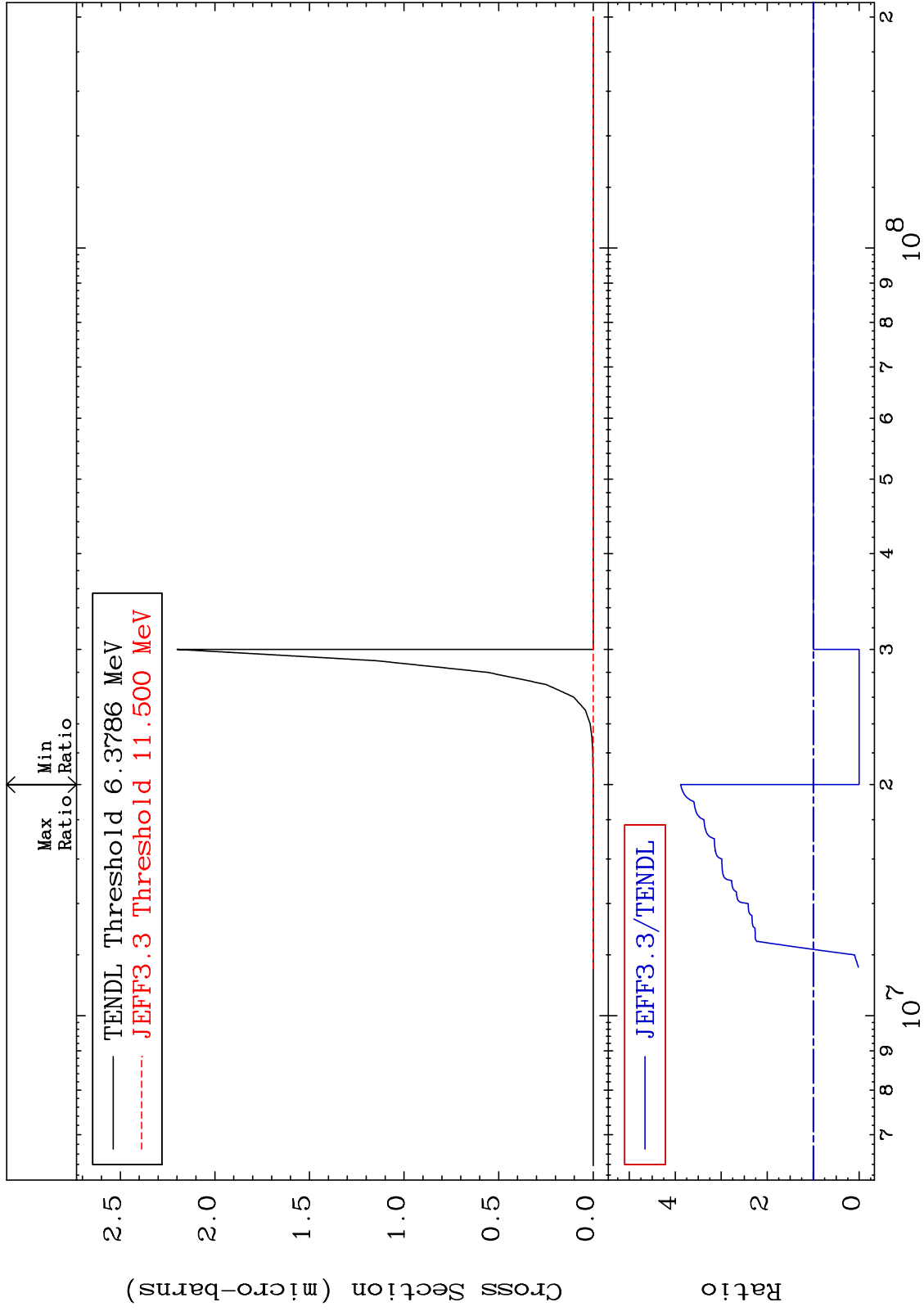
MAT 8225

(n,2p)

82-Pb-204

Cross Section

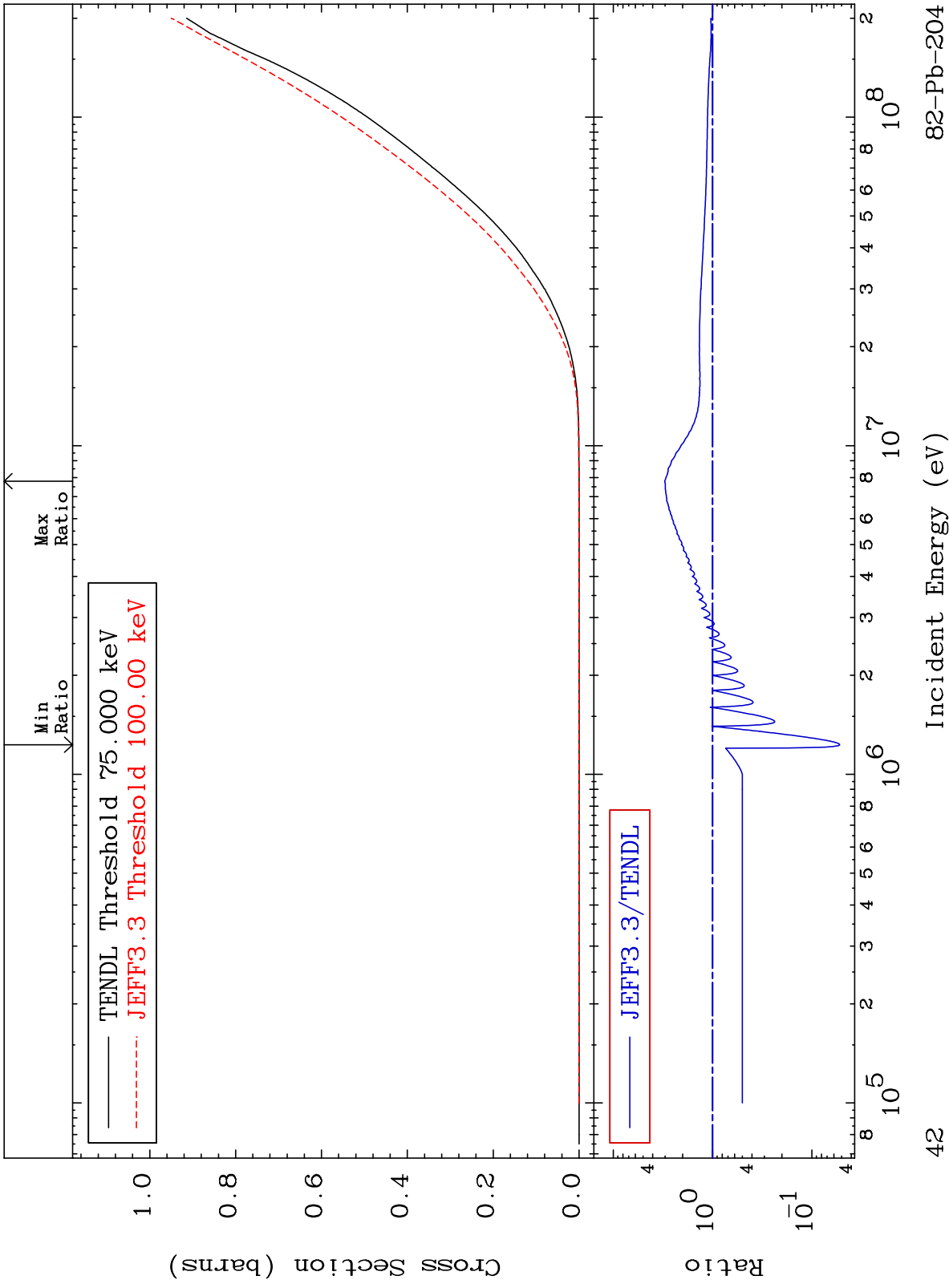
-100.0 To 288.3 %



MAT 8225

Hydrogen Production
Cross Section

82-Pb-204
-94.77 To 202.9 %



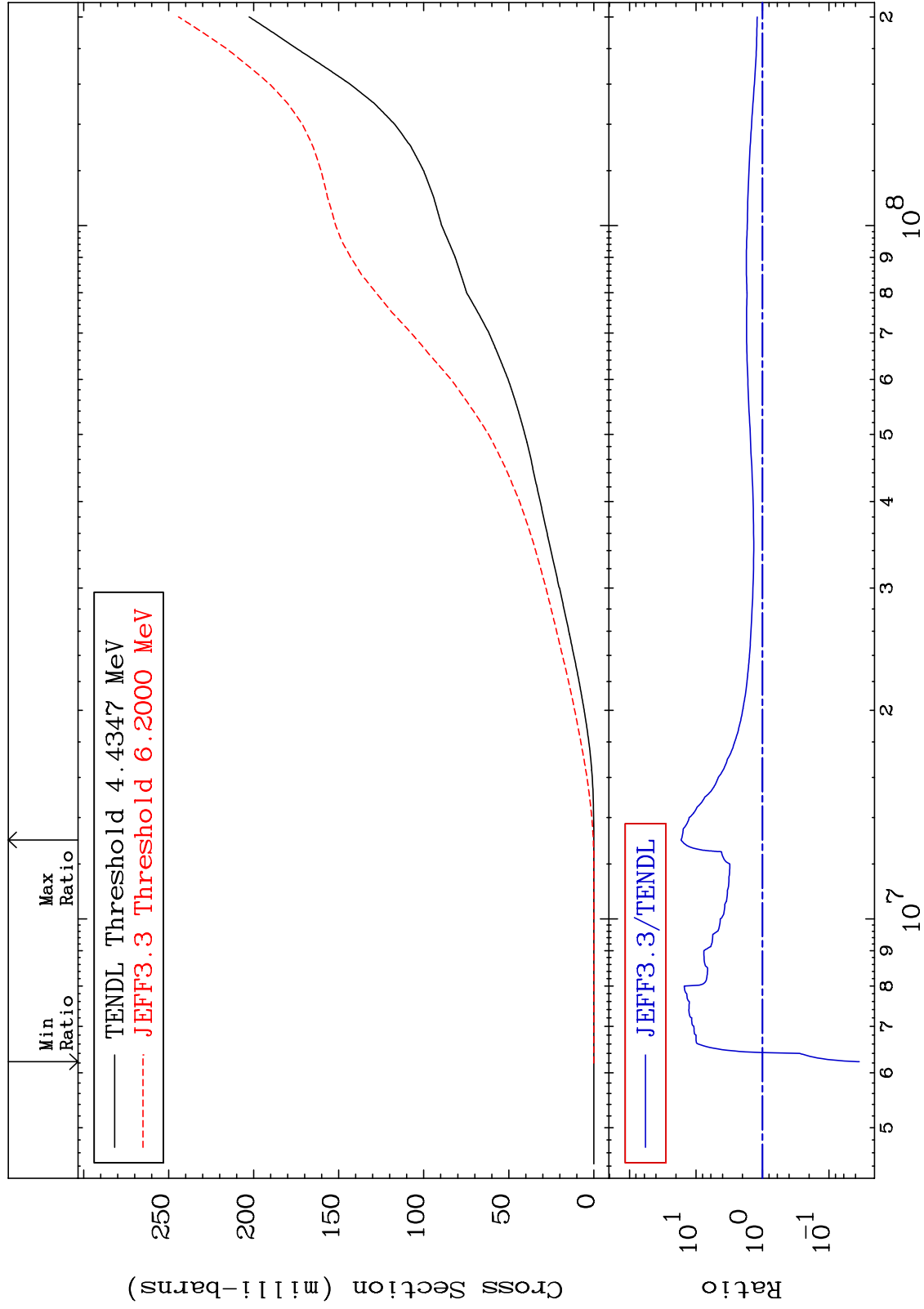
42

82-Pb-204

MAT 8225

Deuterium Production
Cross Section

82-Pb-204
-96.49 To 1580. %



43

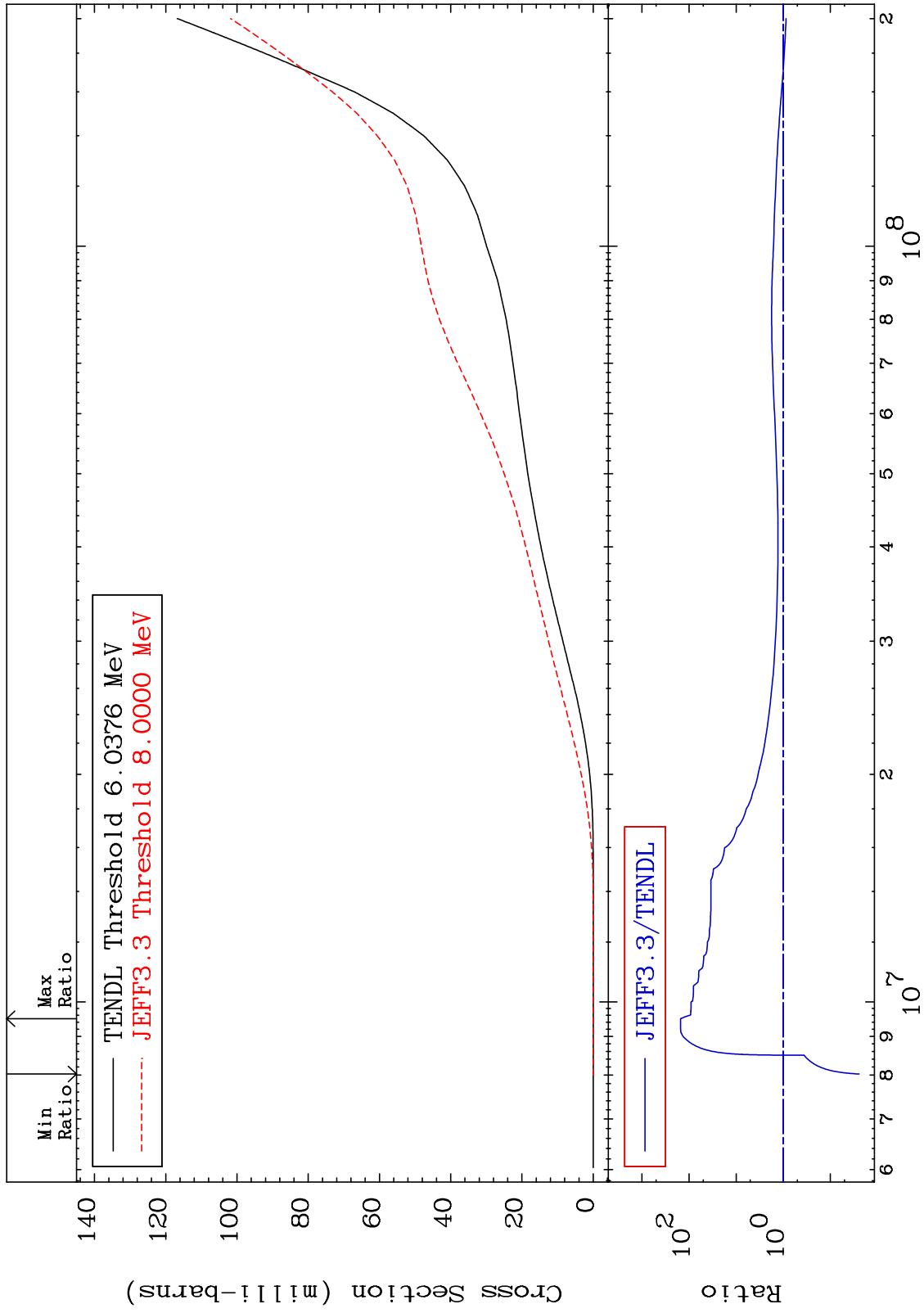
Incident Energy (eV)

82-Pb-204

MAT 8225

Tritium Production
Cross Section

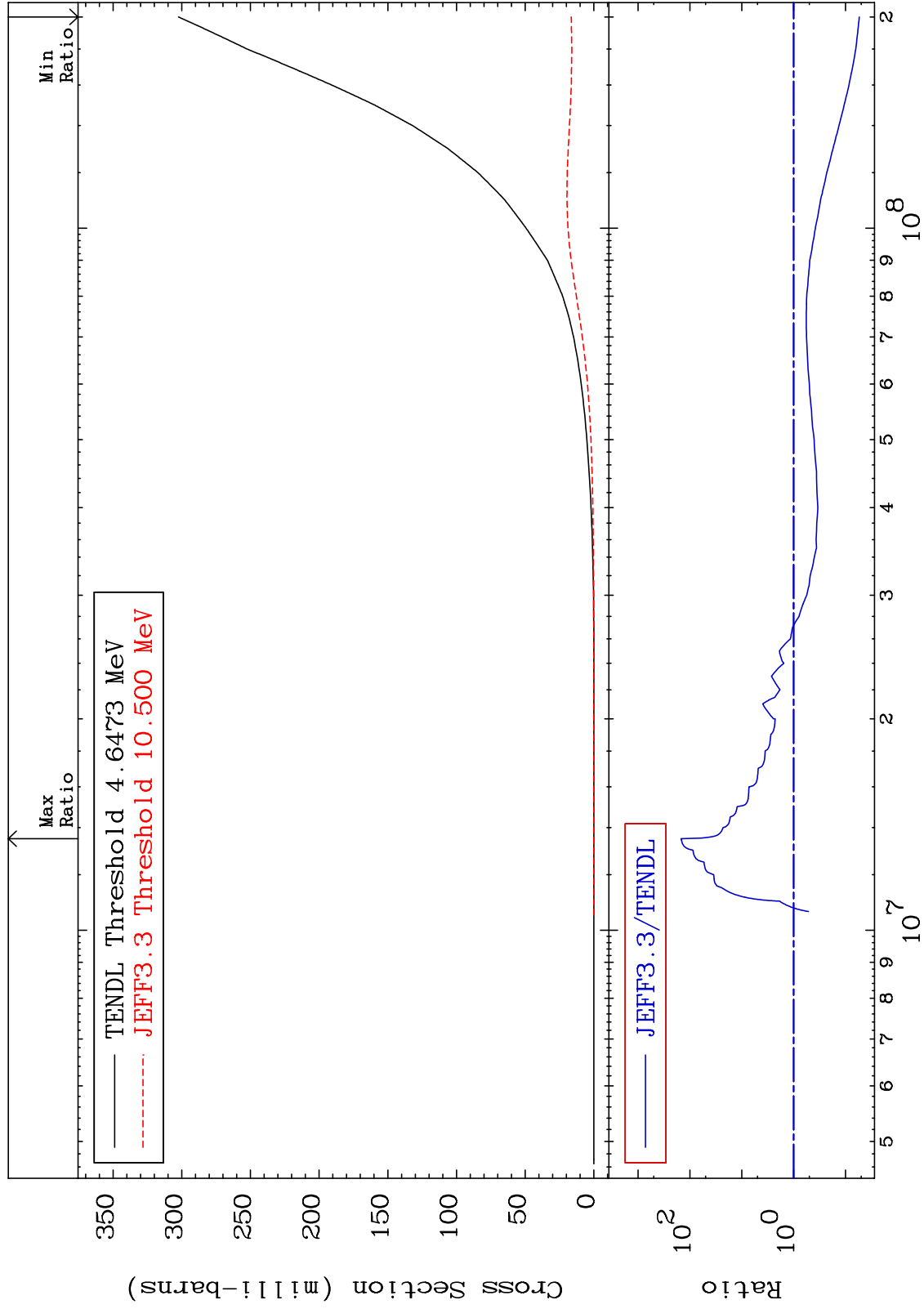
82-Pb-204
-97.56 To 9999. %



MAT 8225

He-3 Production
Cross Section

82-Pb-204
-94.57 To 9999. %



45

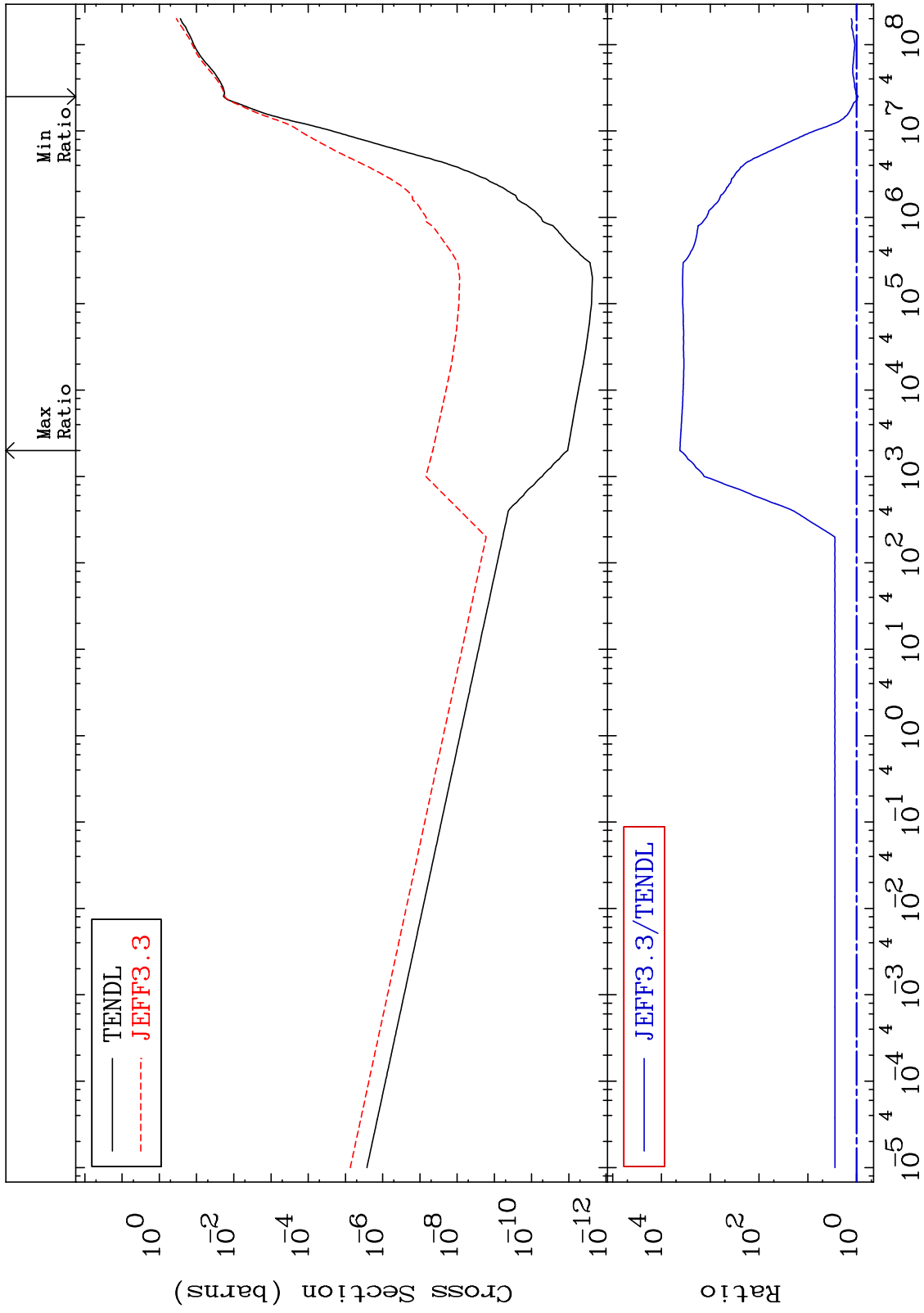
Incident Energy (eV)

82-Pb-204

MAT 8225

He-4 Production
Cross Section

82-Pb-204
-7.788 To 9999. %



46

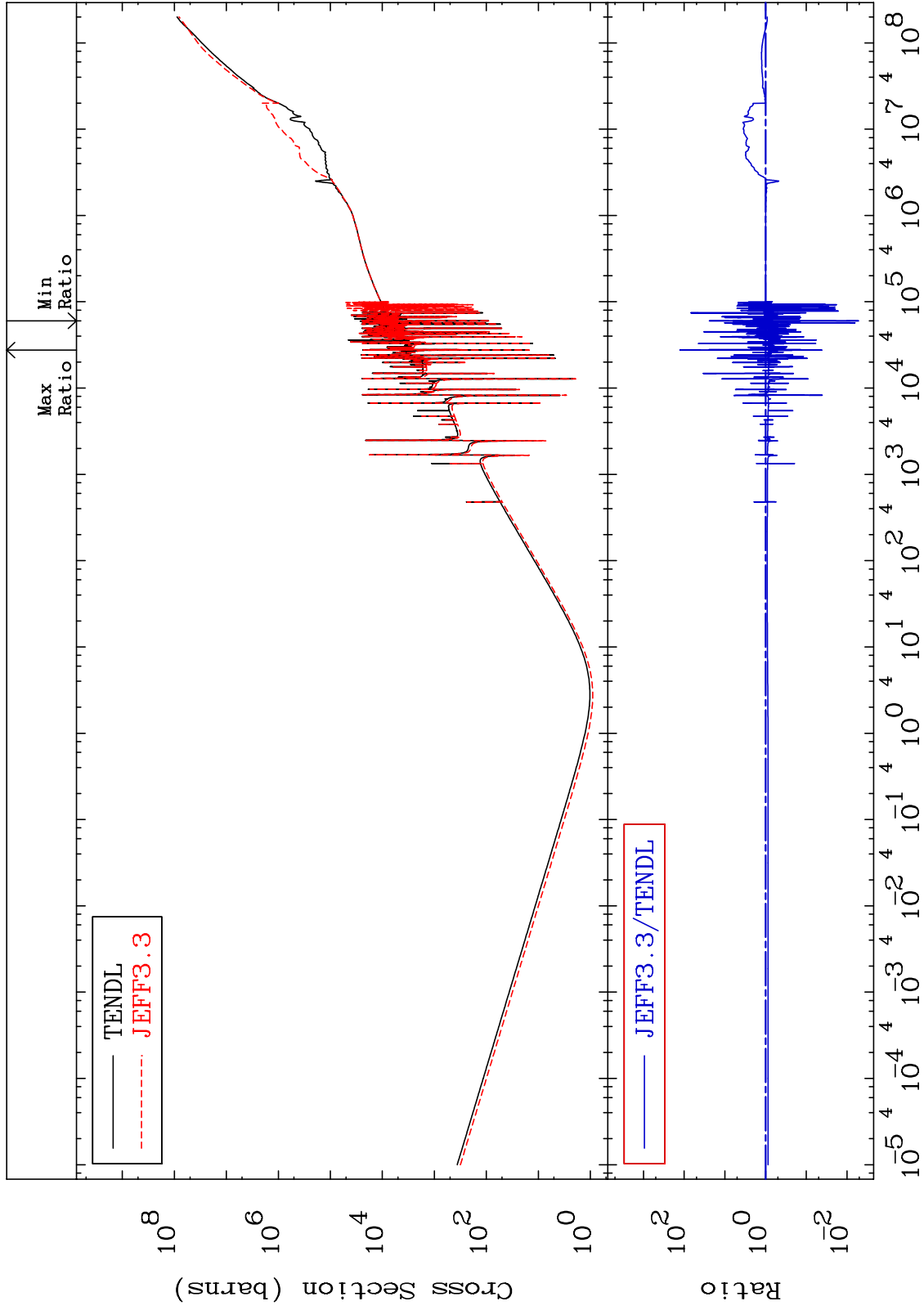
Incident Energy (eV)

82-Pb-204

MAT 8225

Kerma total (eV-barns)
Cross Section

82-Pb-204
-99.47 To 9999. %



47

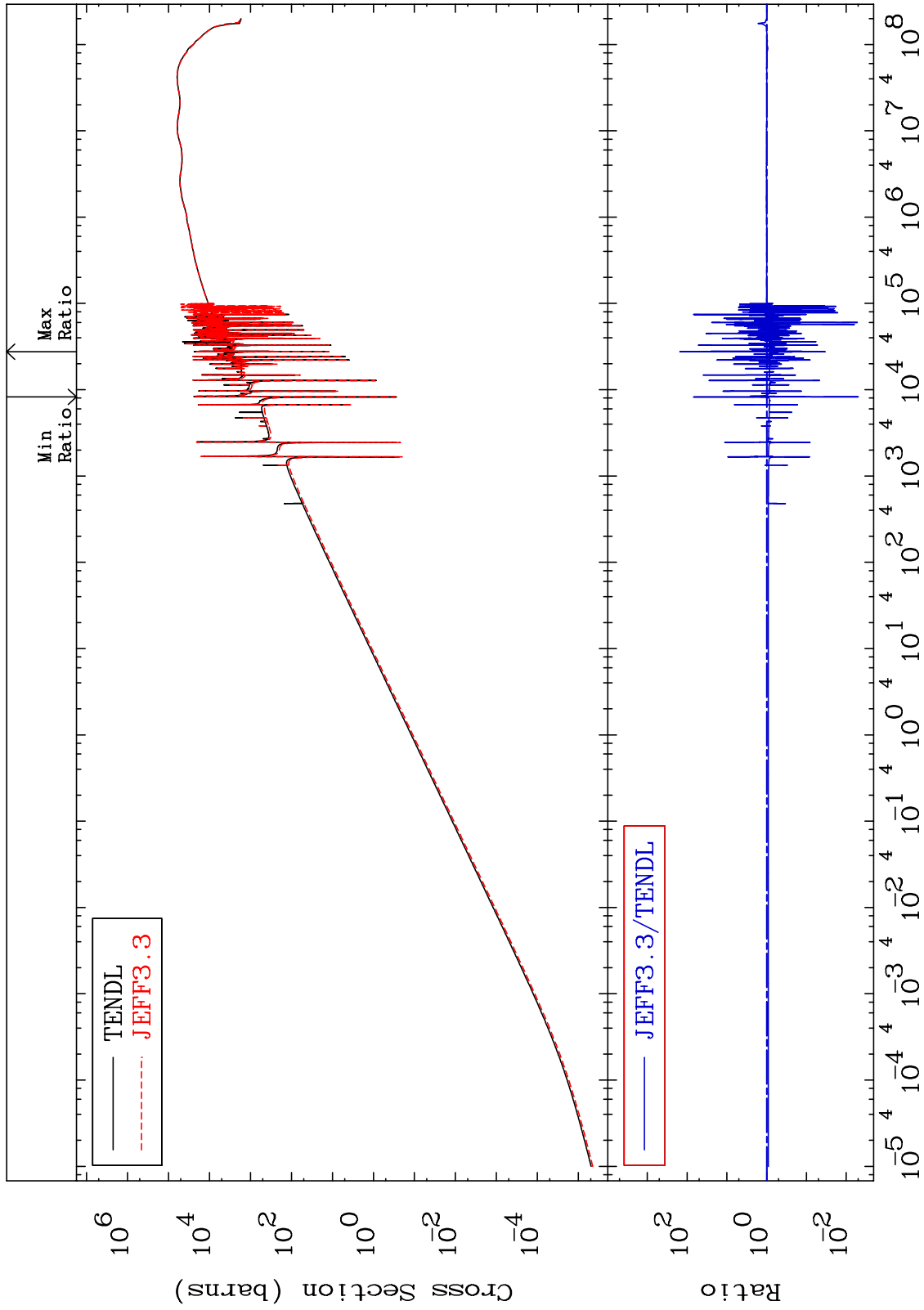
Incident Energy (eV)

82-Pb-204

MAT 8225

Kerma elastic
Cross Section

82-Pb-204
-99.51 To 9999. %



48

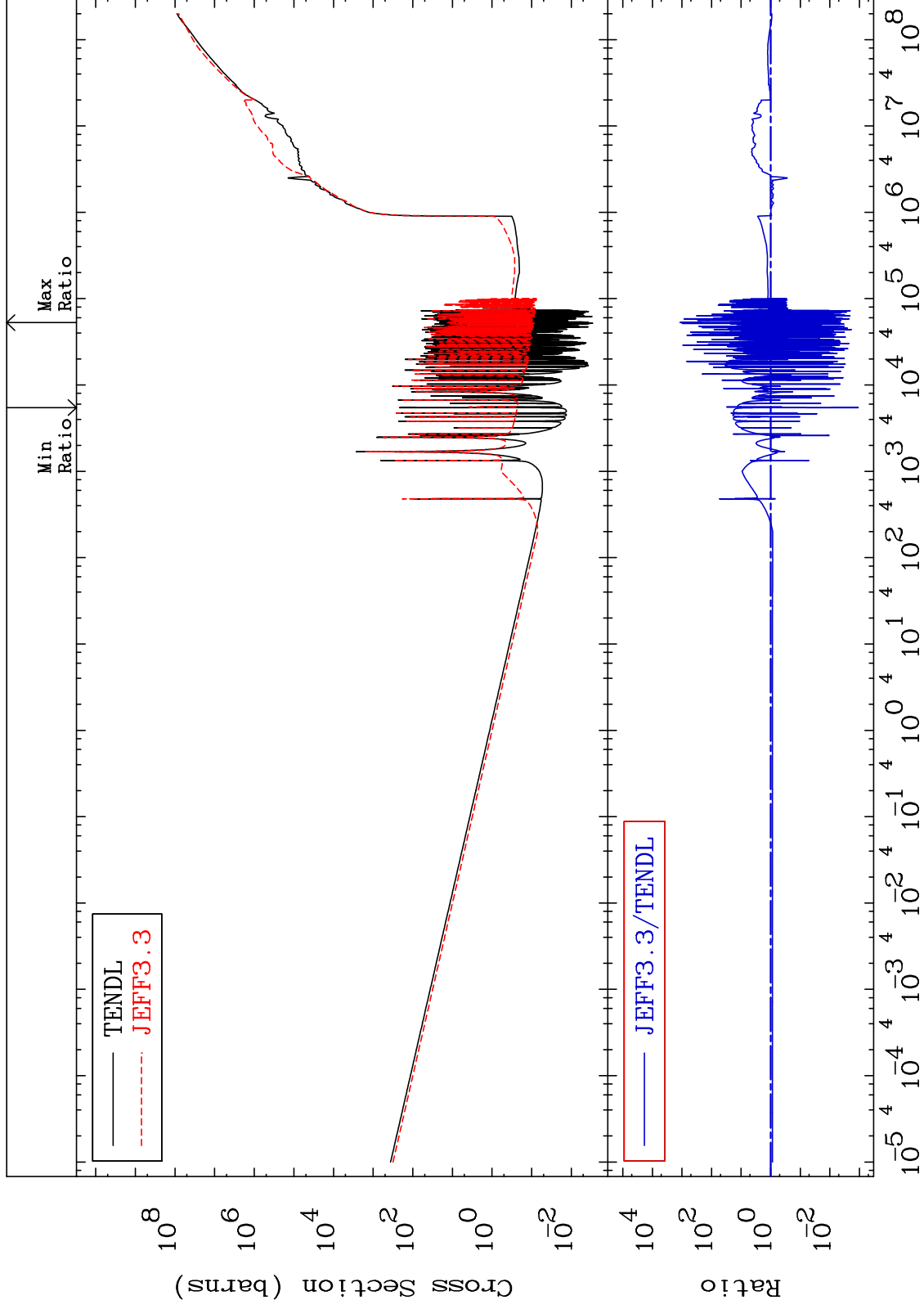
Incident Energy (eV)

82-Pb-204

MAT 8225

Kerma non-elastic (all but mt2)
Cross Section

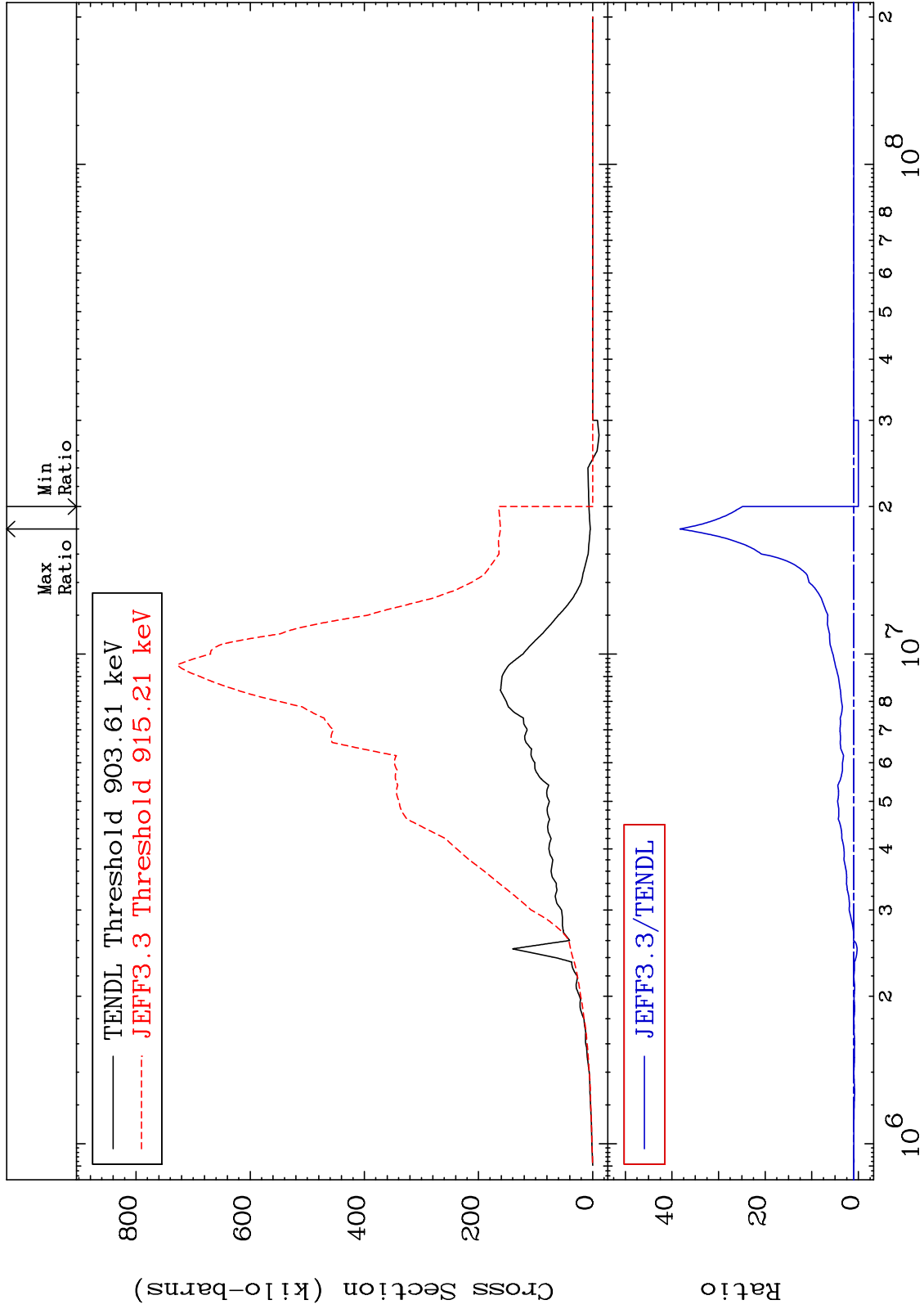
82-Pb-204
-99.89 To 9999. %



MAT 8225

Kerma inelastic (mt51-91)
Cross Section

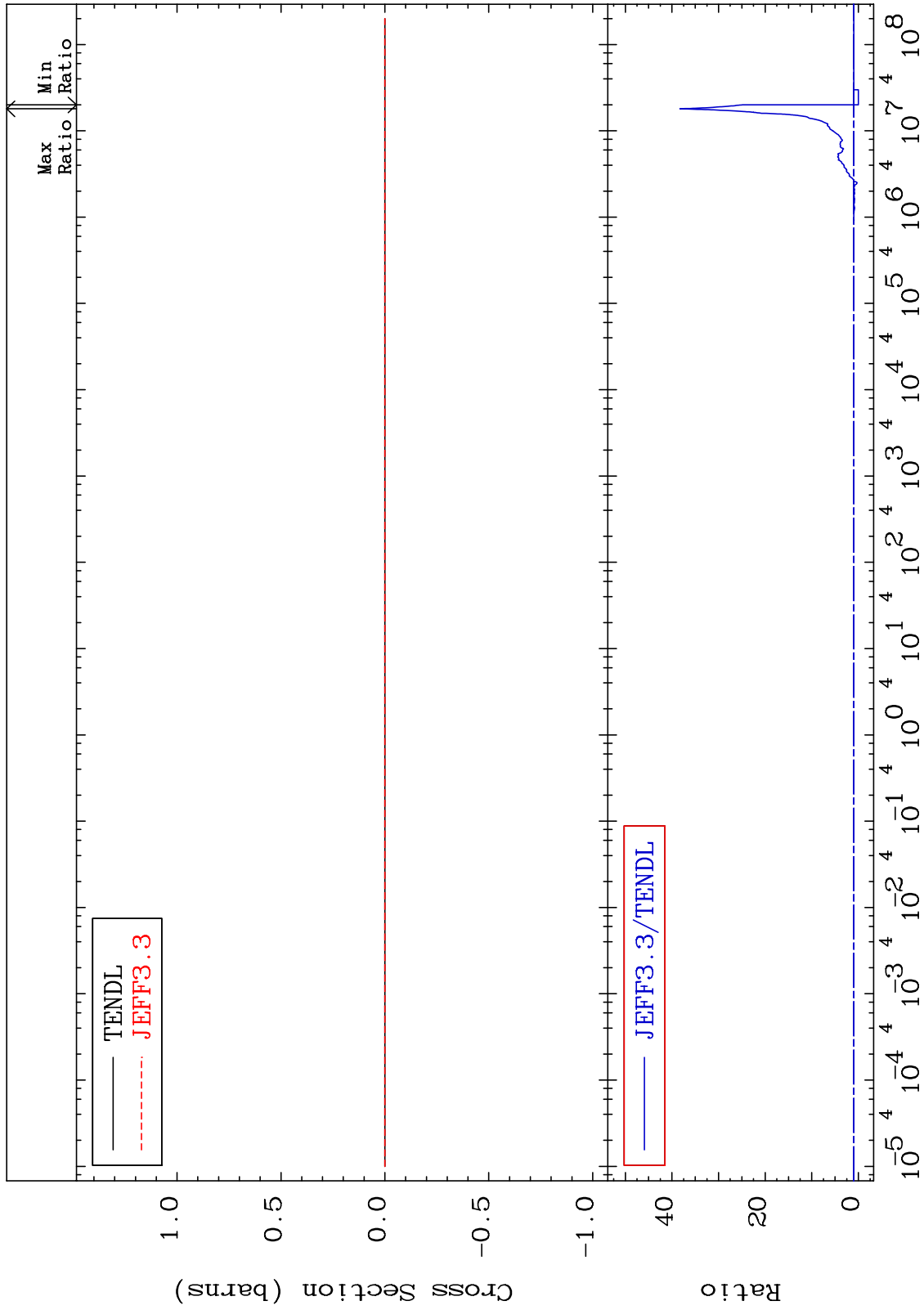
82-Pb-204
-100.0 To 3727. %



MAT 8225

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

82-Pb-204
-100.0 To 3727. %



51

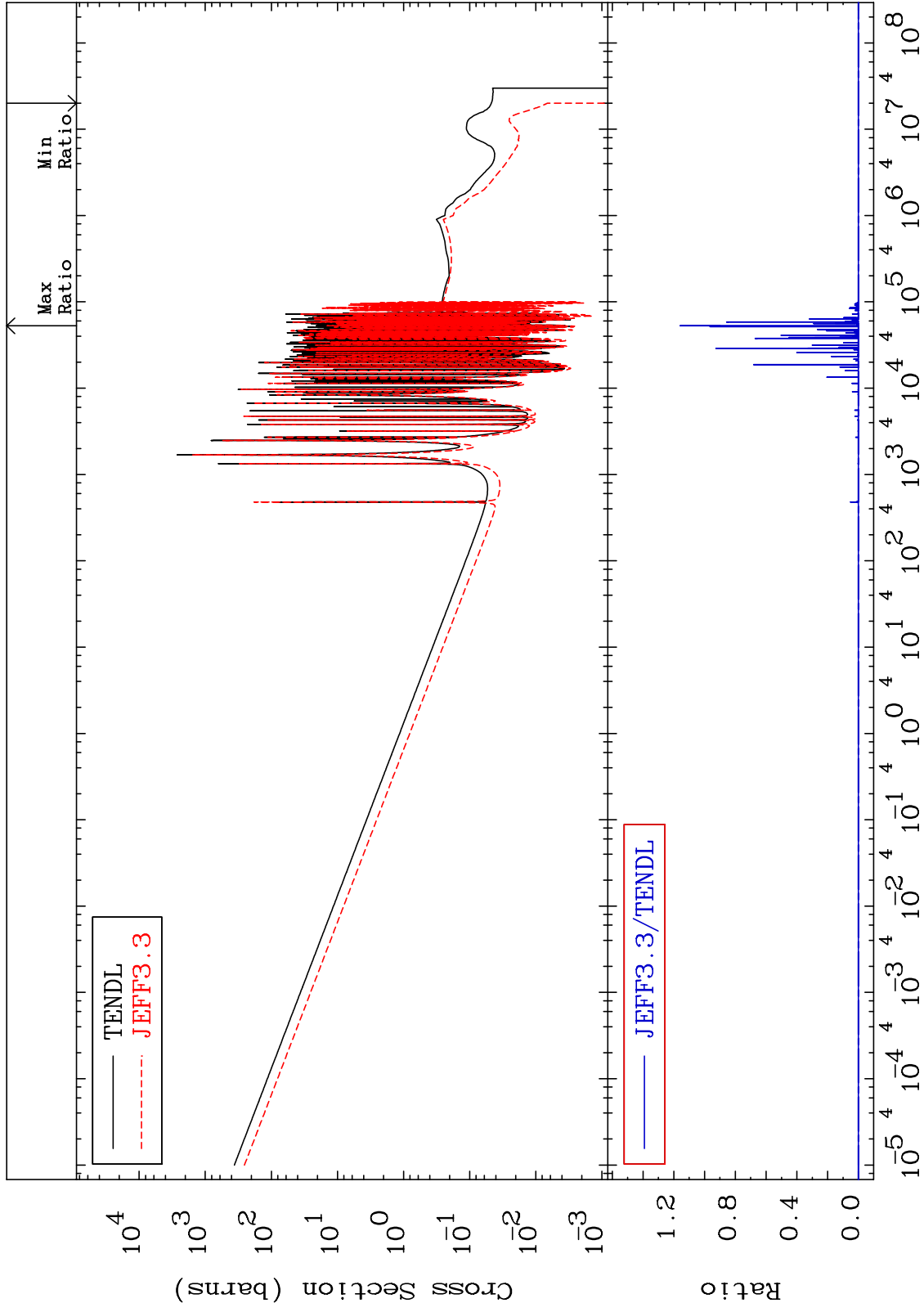
Incident Energy (eV)

82-Pb-204

MAT 8225

Kerma capture (mt102)
Cross Section

82-Pb-204
-100.0 To 9999. %



52

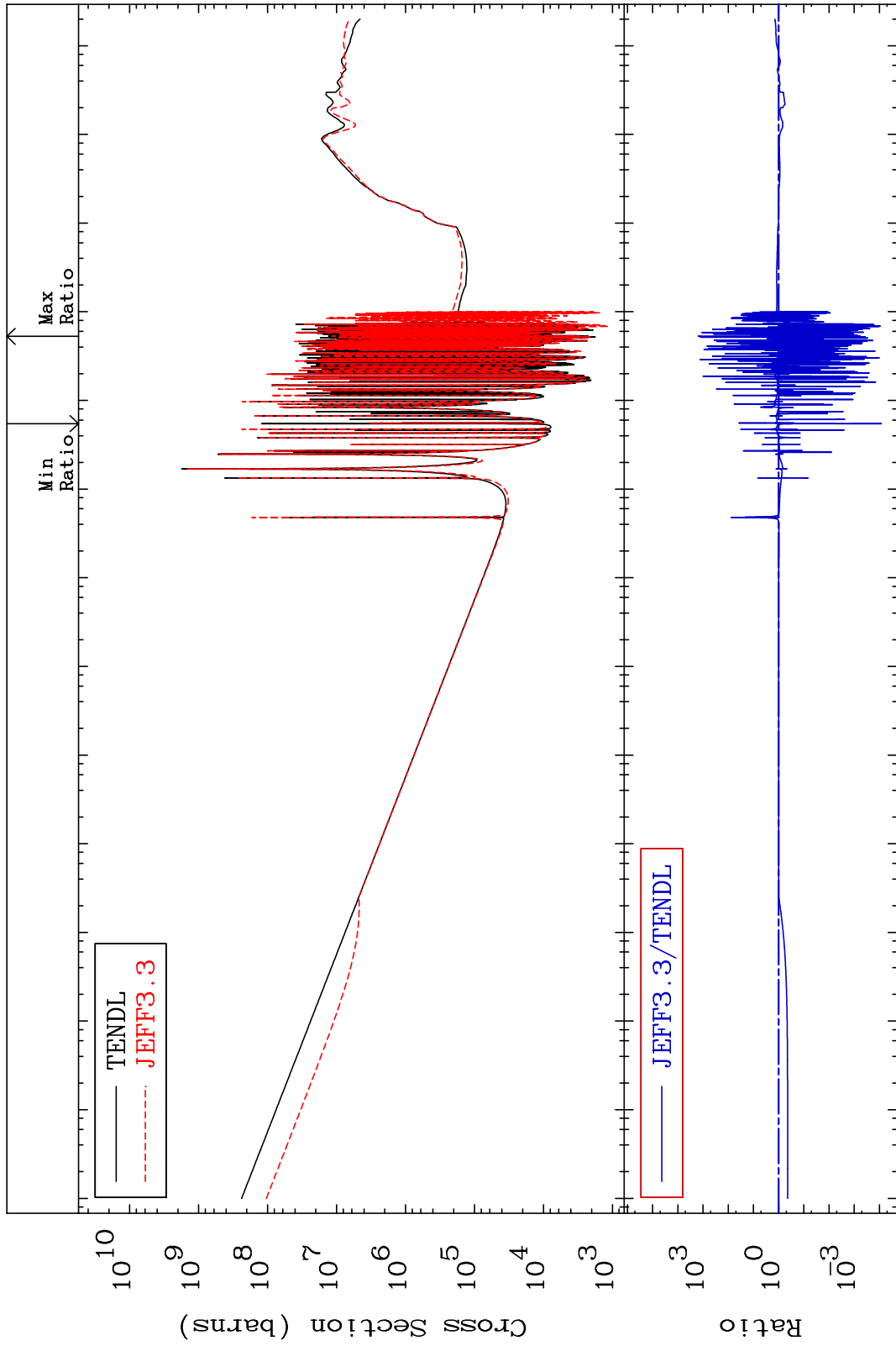
Incident Energy (eV)

82-Pb-204

MAT 8225

Total photon (eV-barns)
Cross Section

82-Pb-204
-99.99 To 9999. %



53

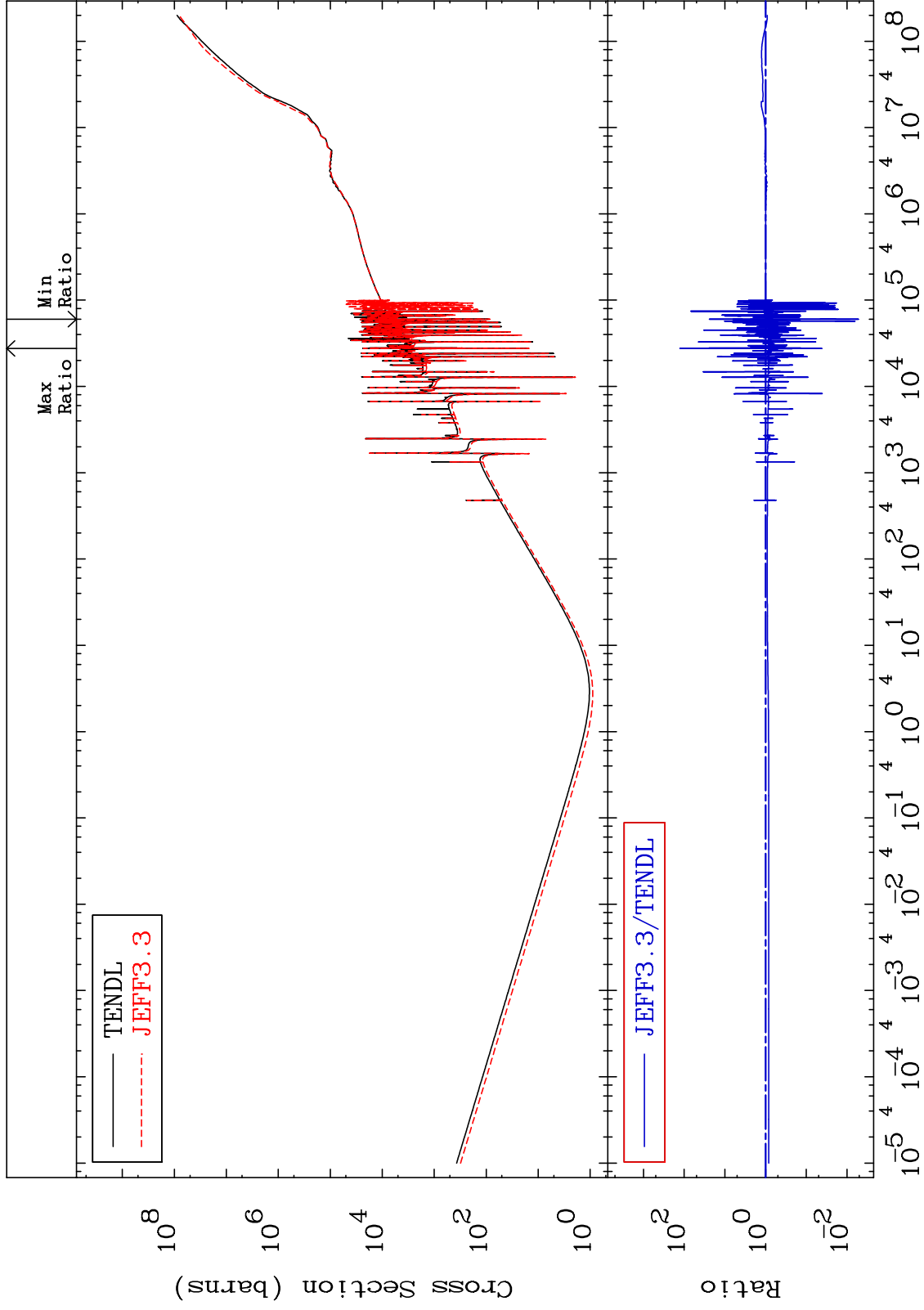
Incident Energy (eV)

82-Pb-204

MAT 8225

Total kinematic kerma (high limit)
Cross Section

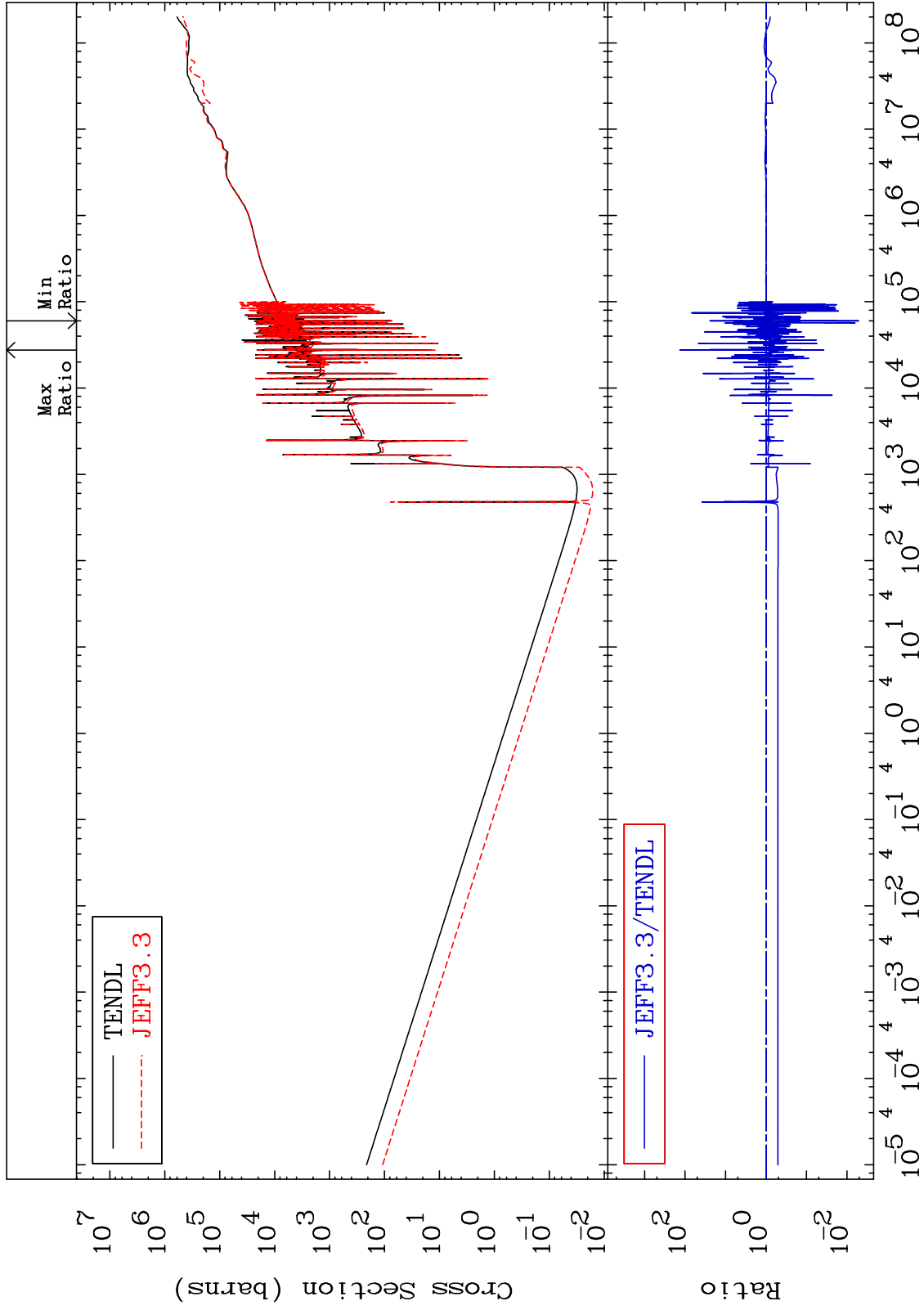
82-Pb-204
-99.47 To 9999. %



MAT 8225

Dpa total (eV-barns)
Cross Section

82-Pb-204
-99.48 To 9999. %



55

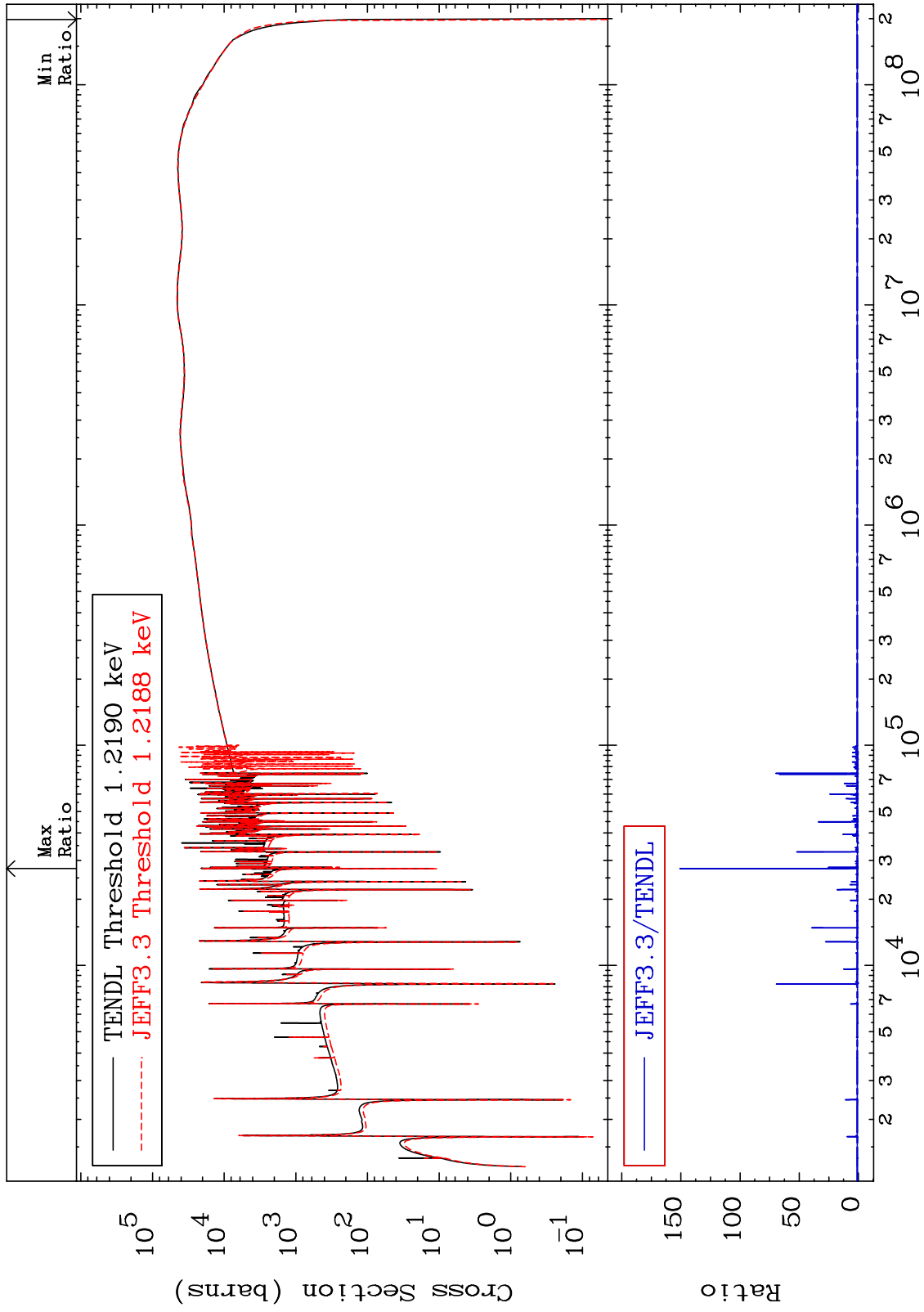
Incident Energy (eV)

82-Pb-204

MAT 8225

Dpa elastic (mt2)
Cross Section

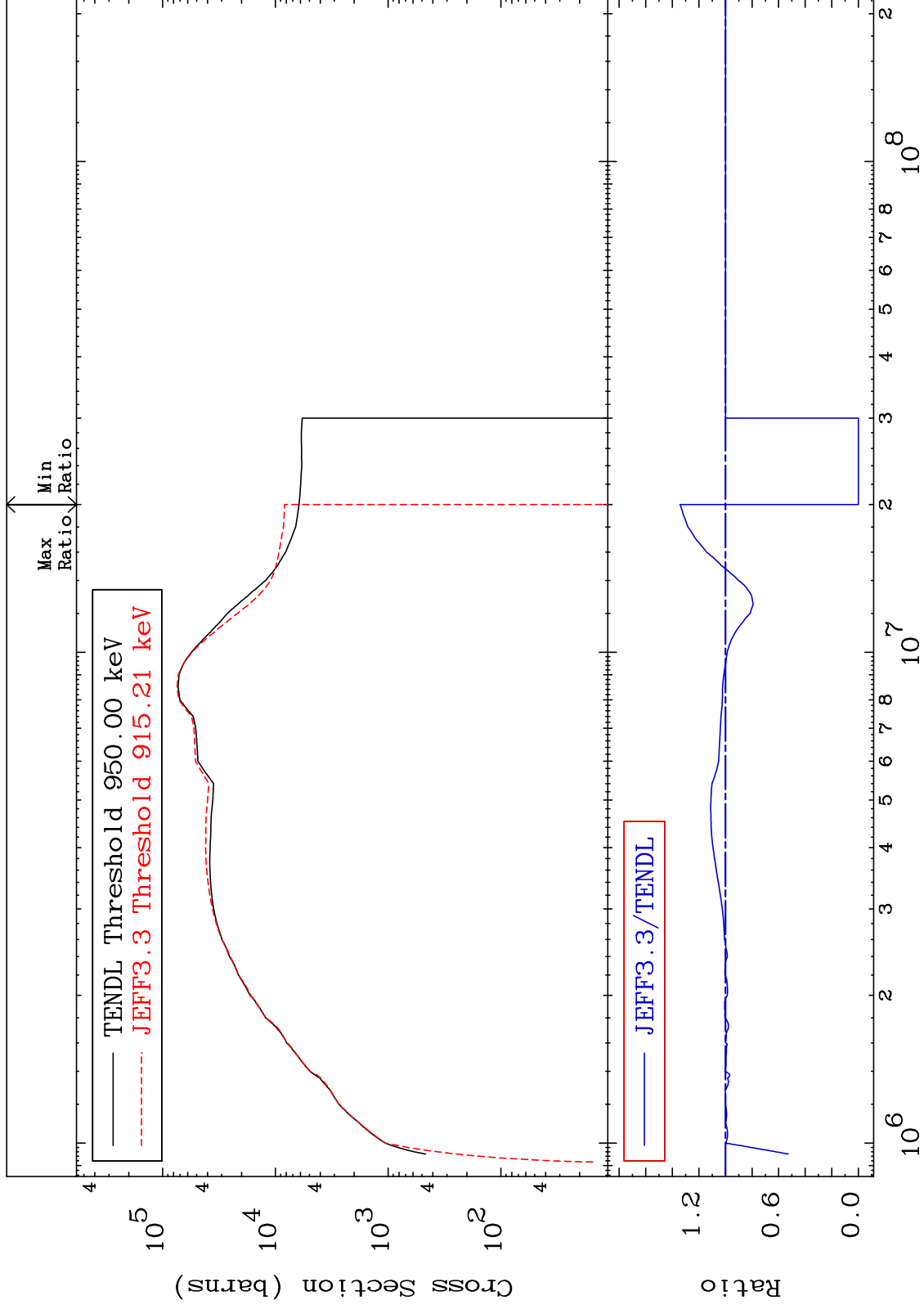
82-Pb-204
-100.0 To 9999. %



MAT 8225

Dpa inelastic (mt51-91)
Cross Section

82-Pb-204
-100.0 To 34.17 %



57

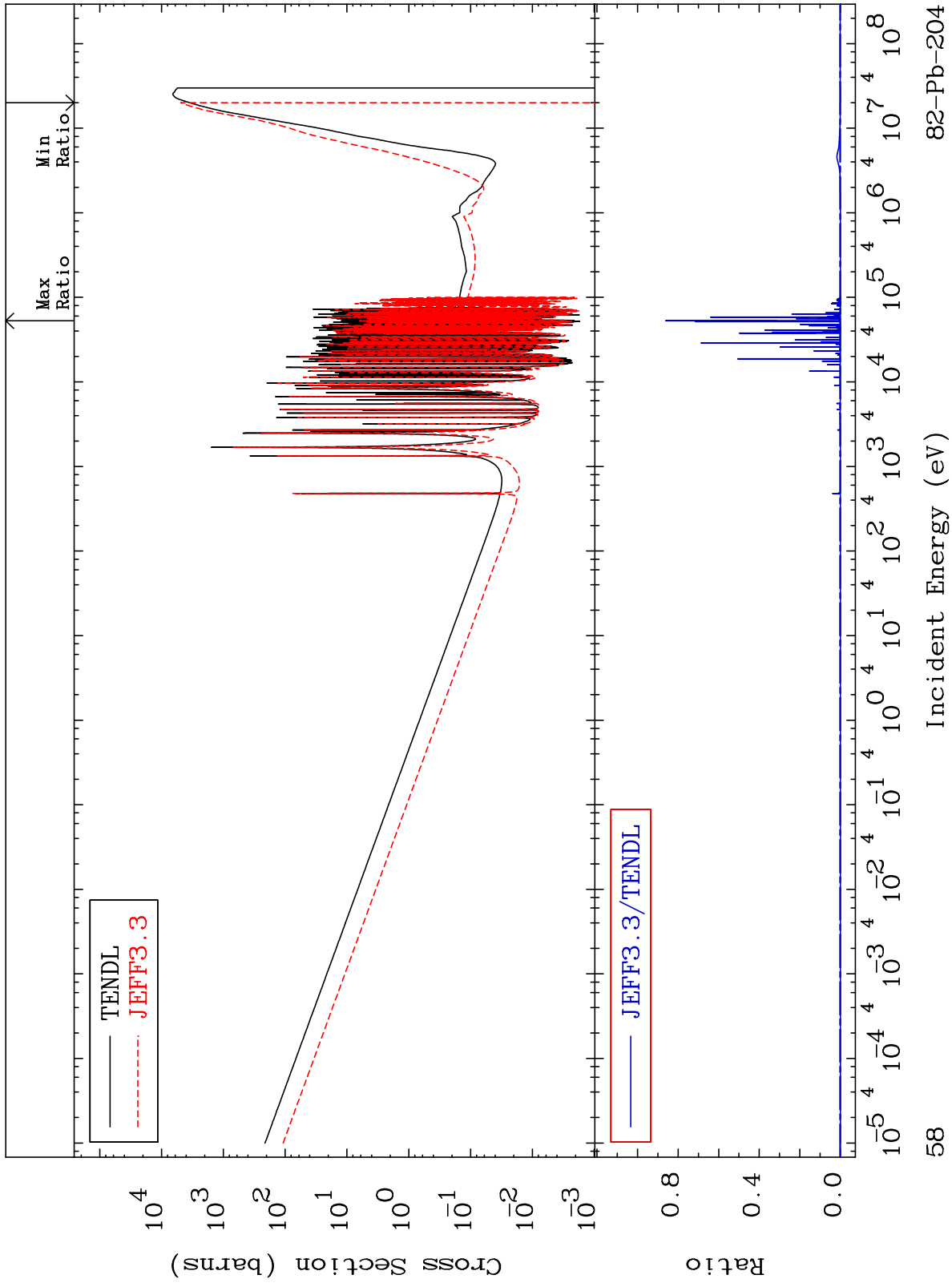
Incident Energy (eV)

82-Pb-204

MAT 8225

Dpa disappearance (mt102 -120)
Cross Section

82-Pb-204
-100.0 To 9999. %



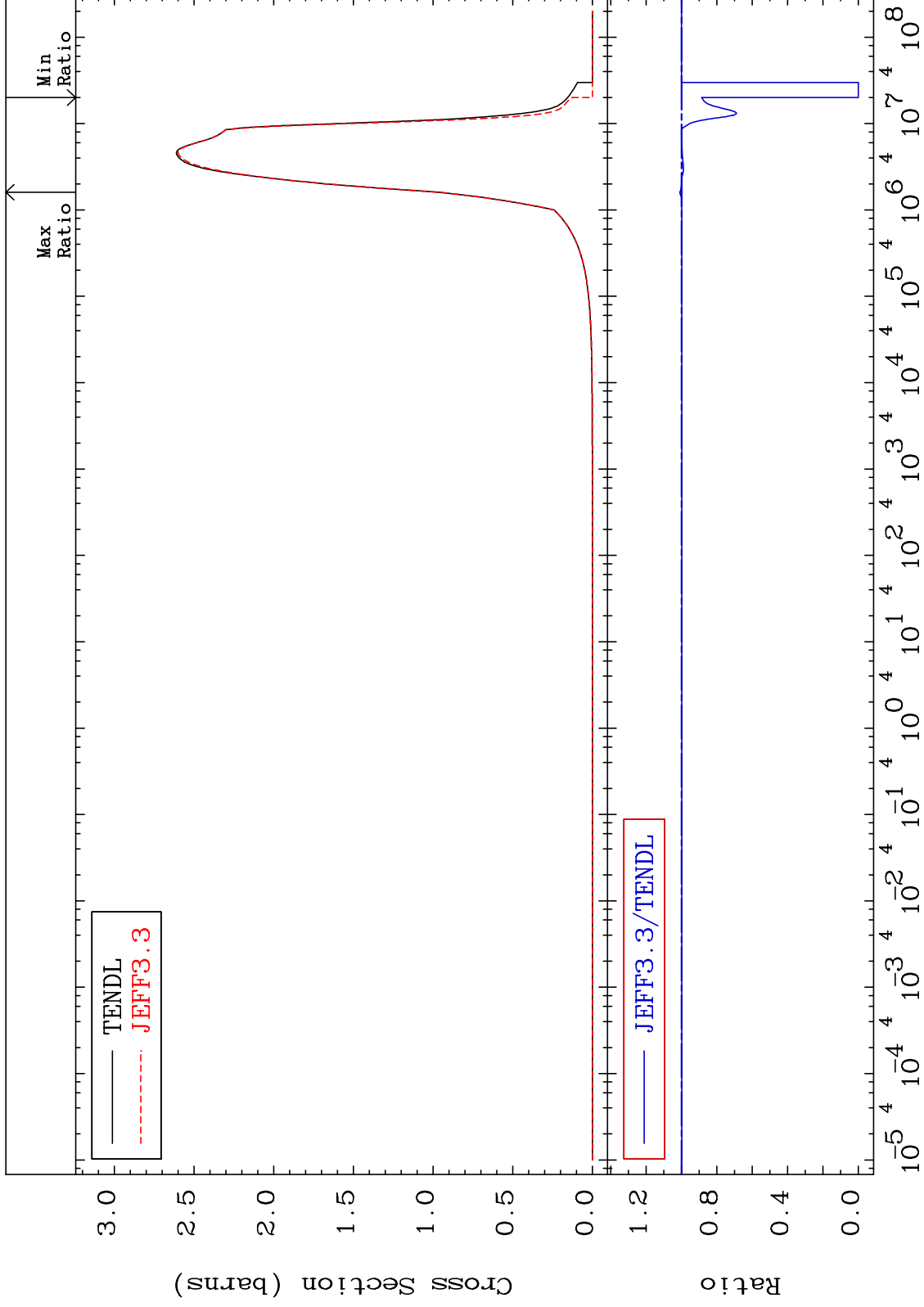
58

82-Pb-204

MAT 8225

Inelastic: 82-Pb-204
Radionuclide Production Cross Section -100.0 To 0.941 %

82-Pb-204



59

Incident Energy (eV)

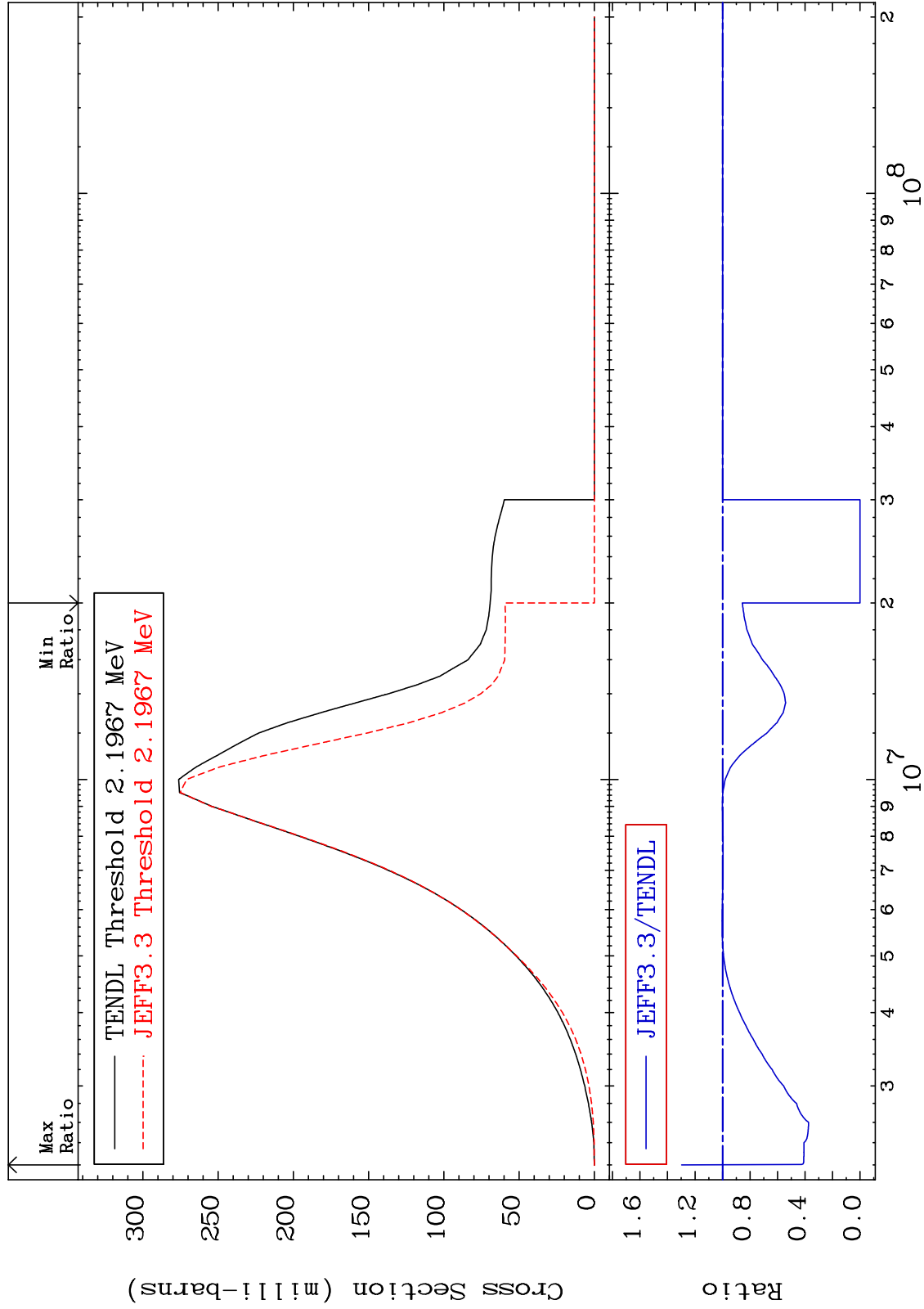
82-Pb-204

MAT 8225

Inelastic: 82-Pb-204m21

82-Pb-204

Radionuclide Production Cross Section -100.0 To 29.71 %

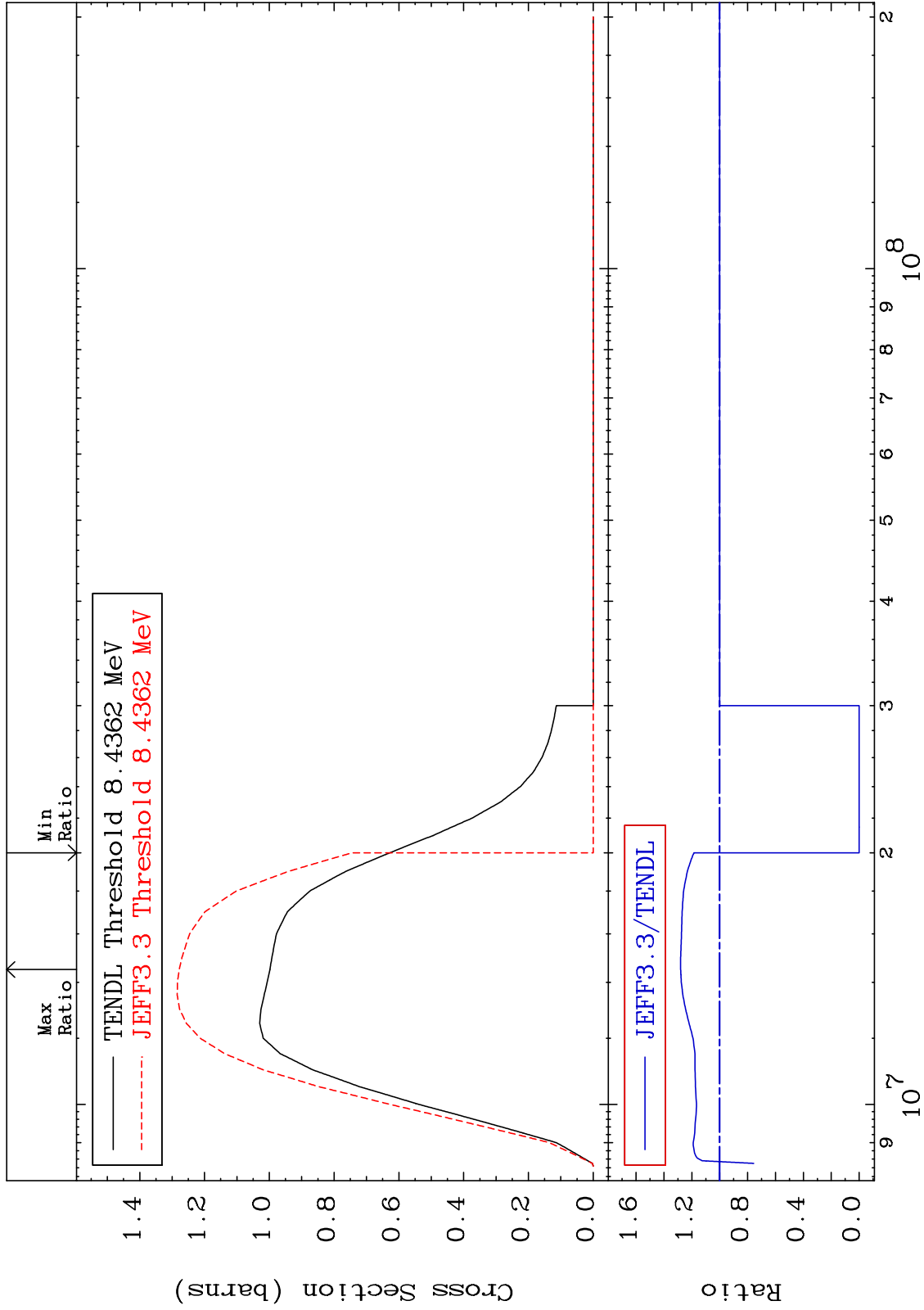


MAT 8225

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

82-Pb-204

Radionuclide Production Cross Section -100.0 To 28.04 %

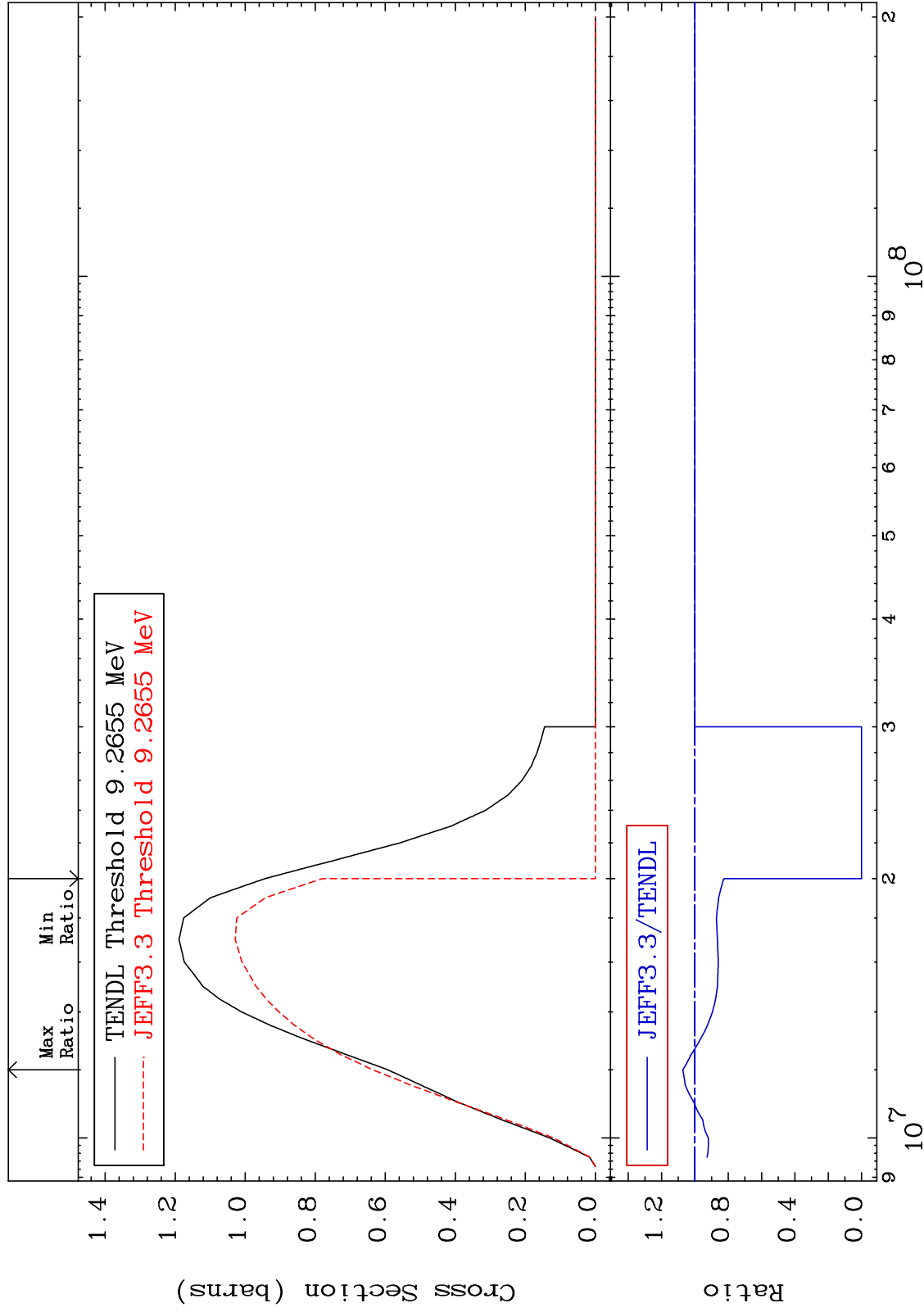


MAT 8225

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

82-Pb-204

Radionuclide Production Cross Section -100.0 To 7.221 %



62

Incident Energy (eV)

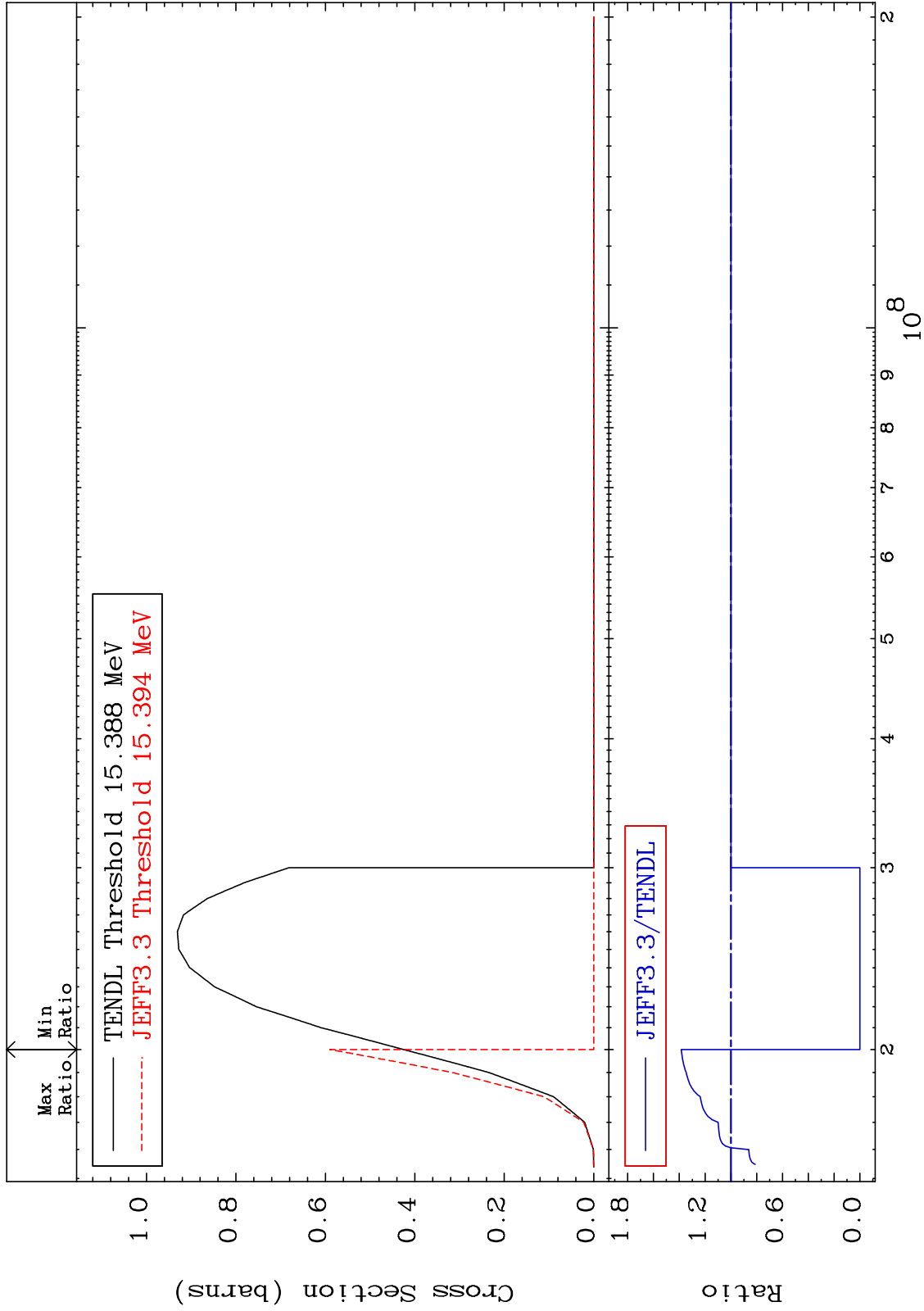
82-Pb-204

MAT 8225

(n,3n):82-Pb-202g

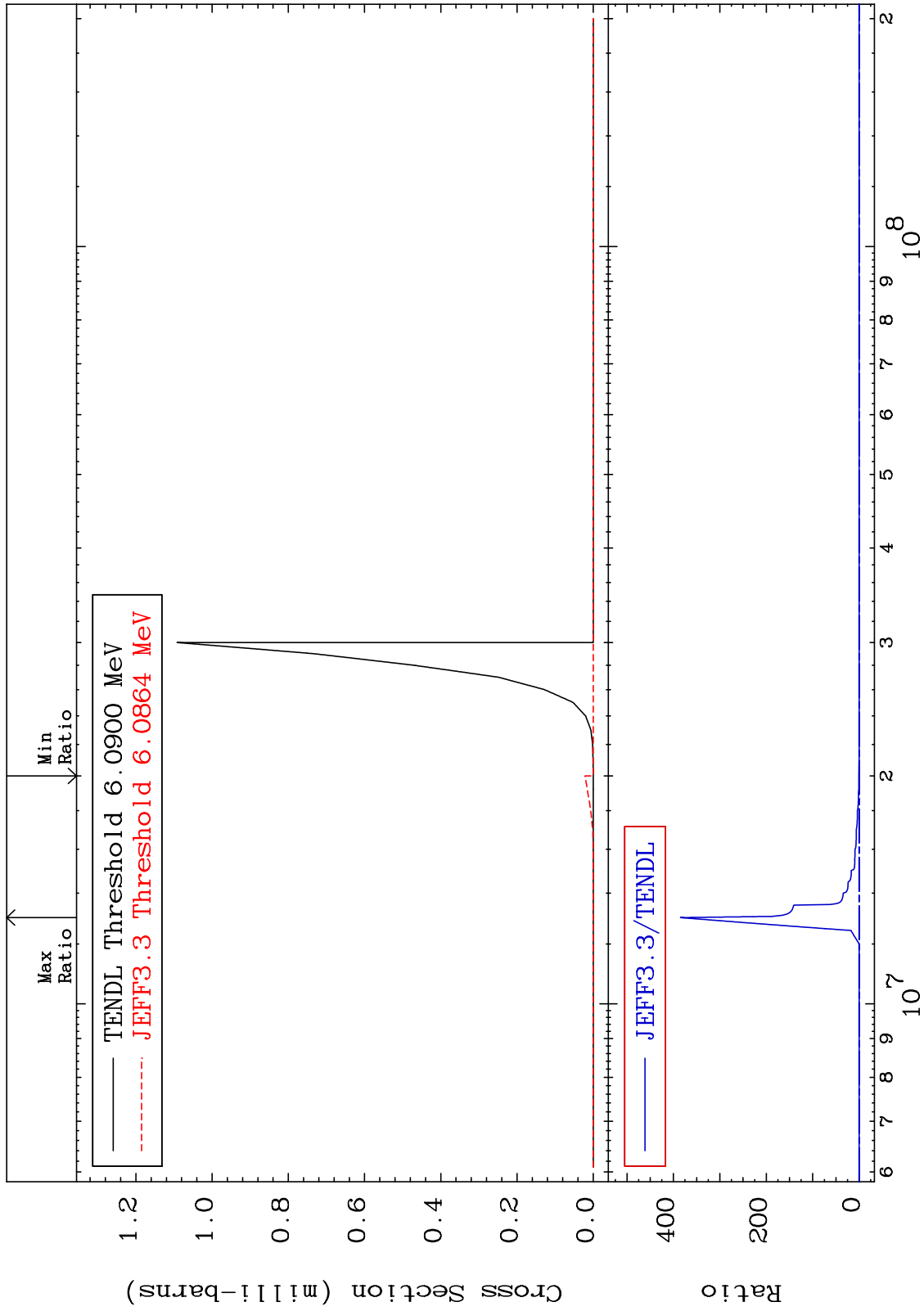
82-Pb-204

Radionuclide Production Cross Section -100.0 To 38.50 %



MAT 8225

(n,2n) α :80-Hg-199g 82-Pb-204
Radionuclide Production Cross Section -100.0 To 9999. %



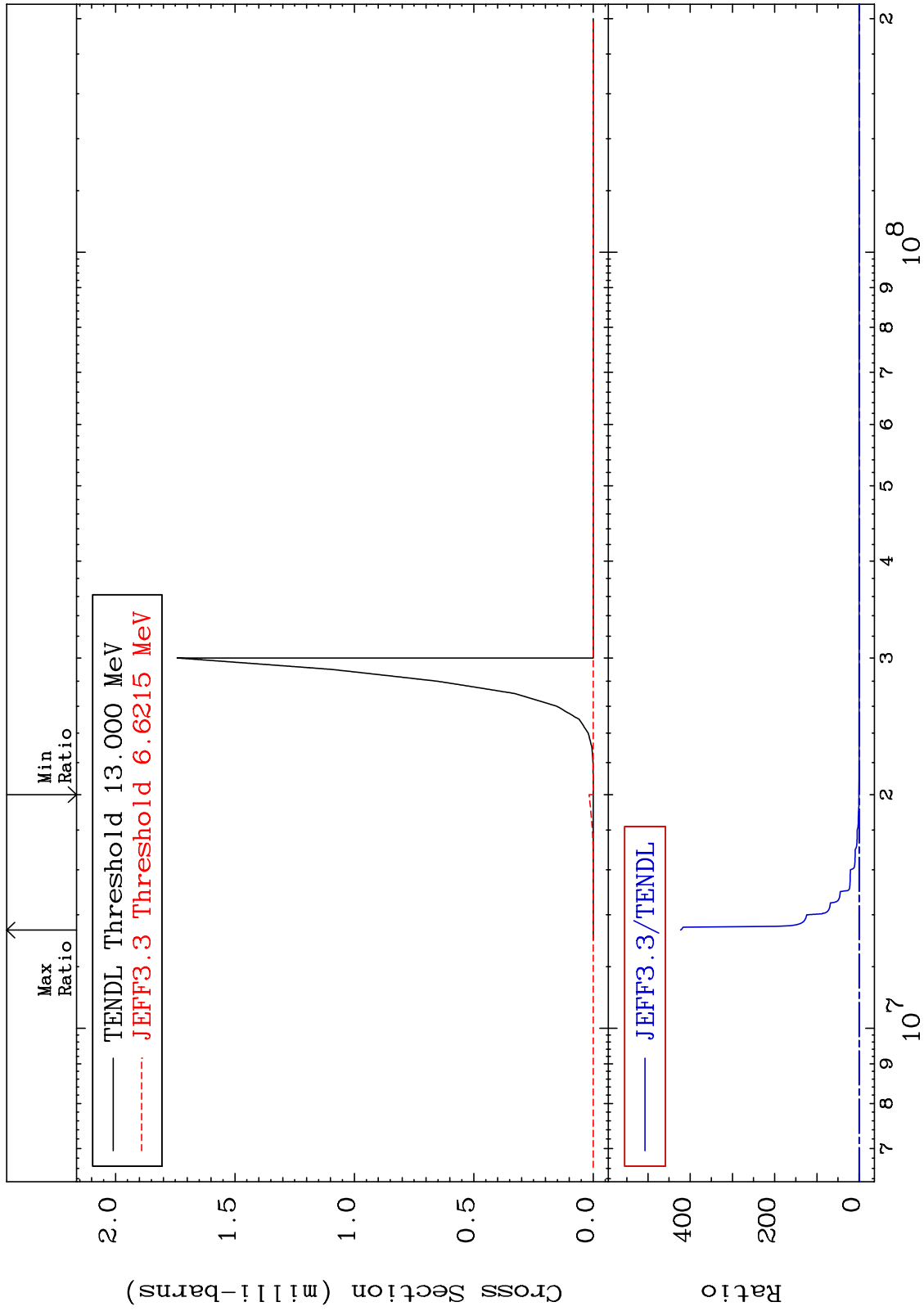
64

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

82-Pb-204

82-Pb-204