

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

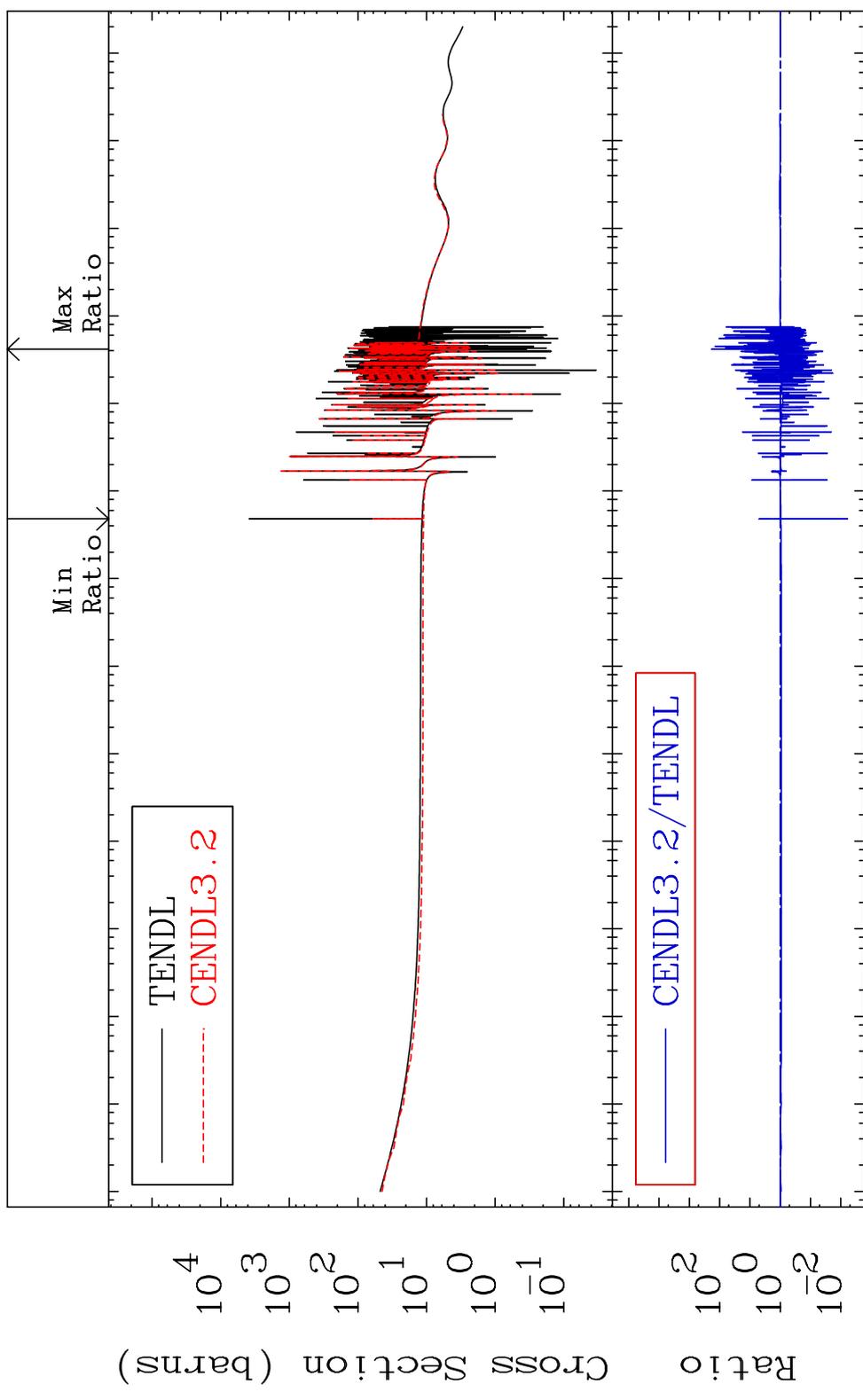
MAT 8225

Total

82-Pb-204

Cross Section

-99.40 To 9999. %



1

Incident Energy (eV)

82-Pb-204

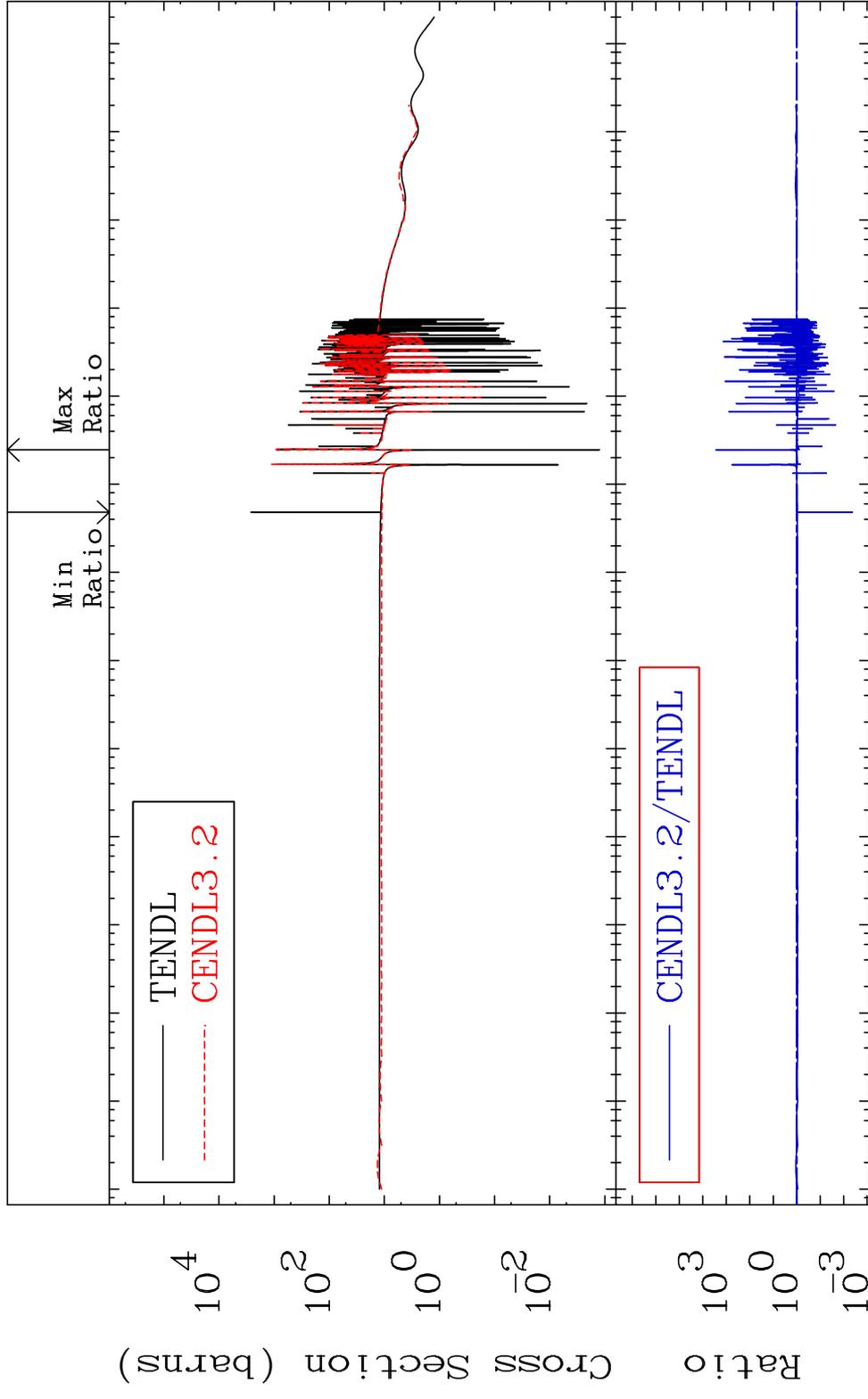
MAT 8225

Elastic

82-Pb-204

Cross Section

-99.58 To 9999. %



2

Incident Energy (eV)

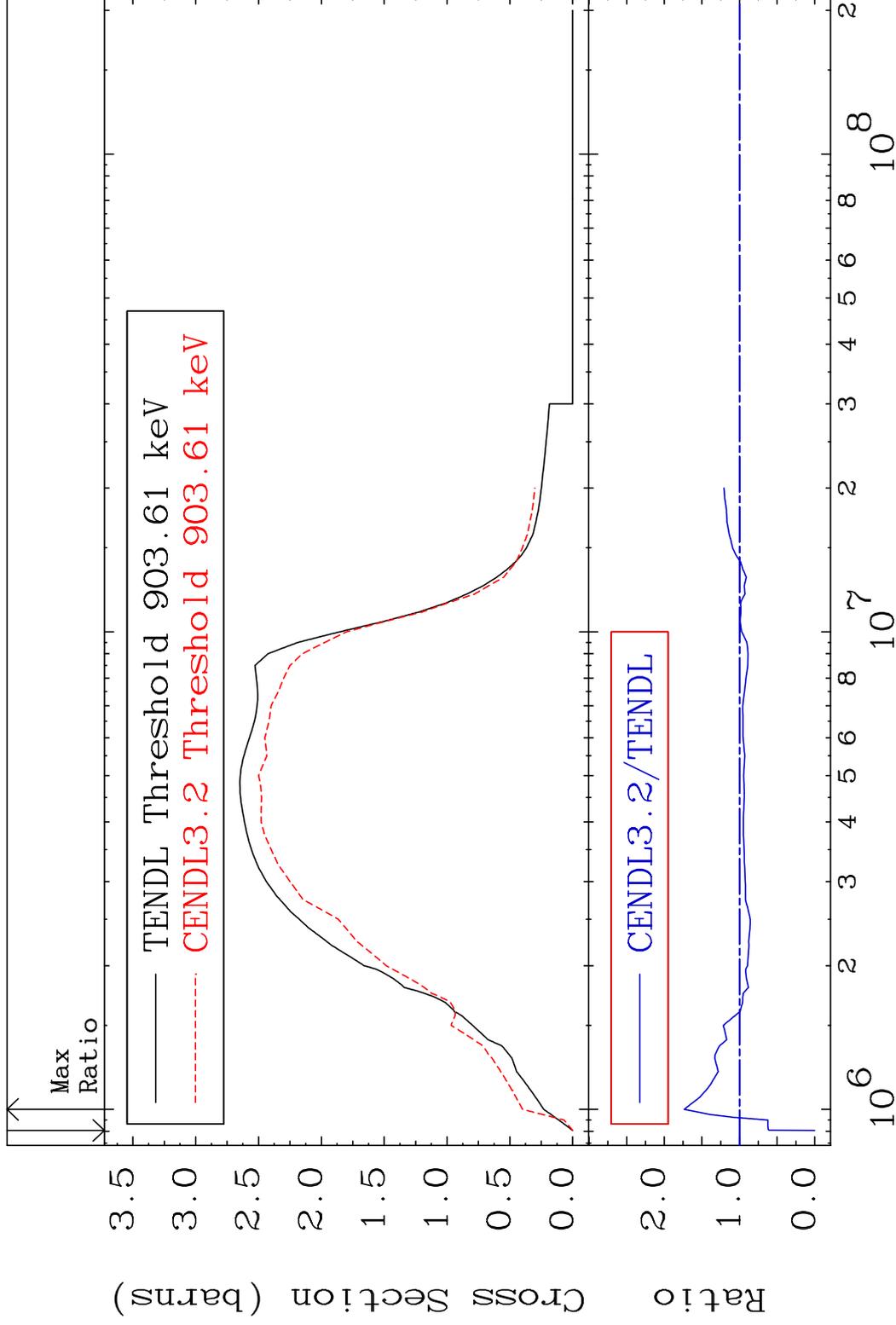
82-Pb-204

MAT 8225

Inelastic

82-Pb-204

Cross Section -100.0 To 73.59 %



3

Incident Energy (eV)

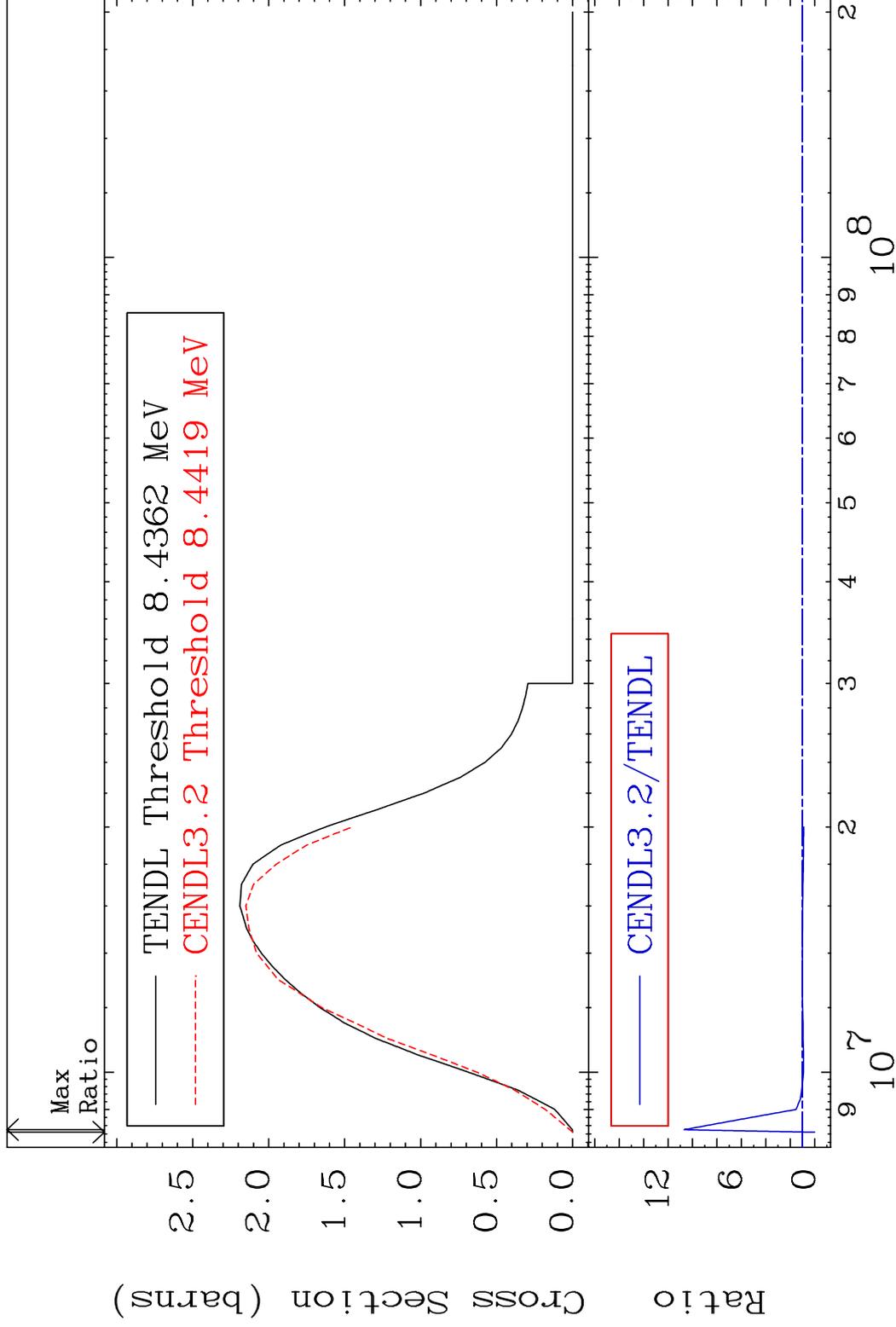
82-Pb-204

MAT 8225

(n,2n)

82-Pb-204

Cross Section -100.0 To 968.4 %



4

Incident Energy (eV)

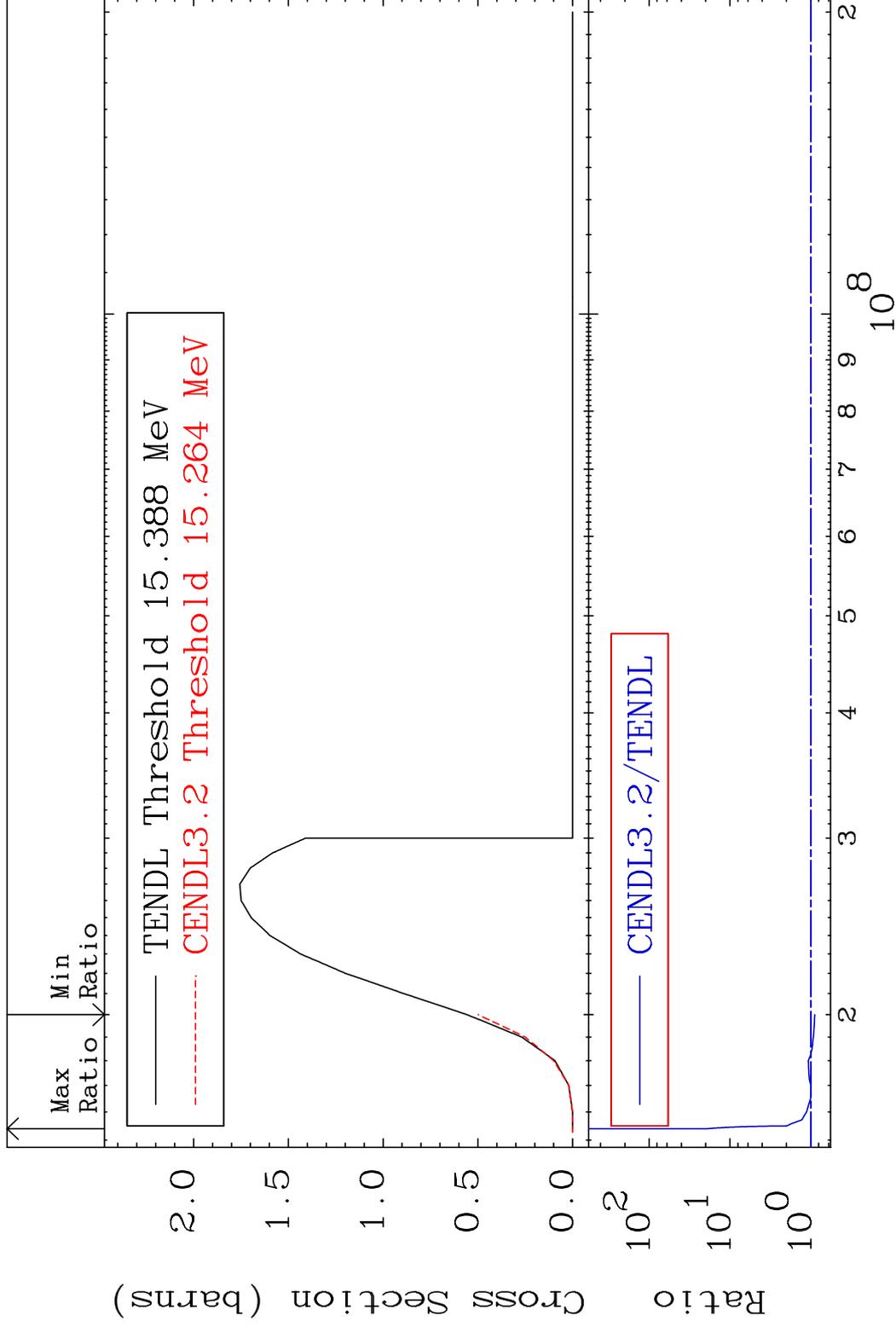
82-Pb-204

MAT 8225

(n,3n)

82-Pb-204

Cross Section -10.44 To 3594. %



5

Incident Energy (eV)

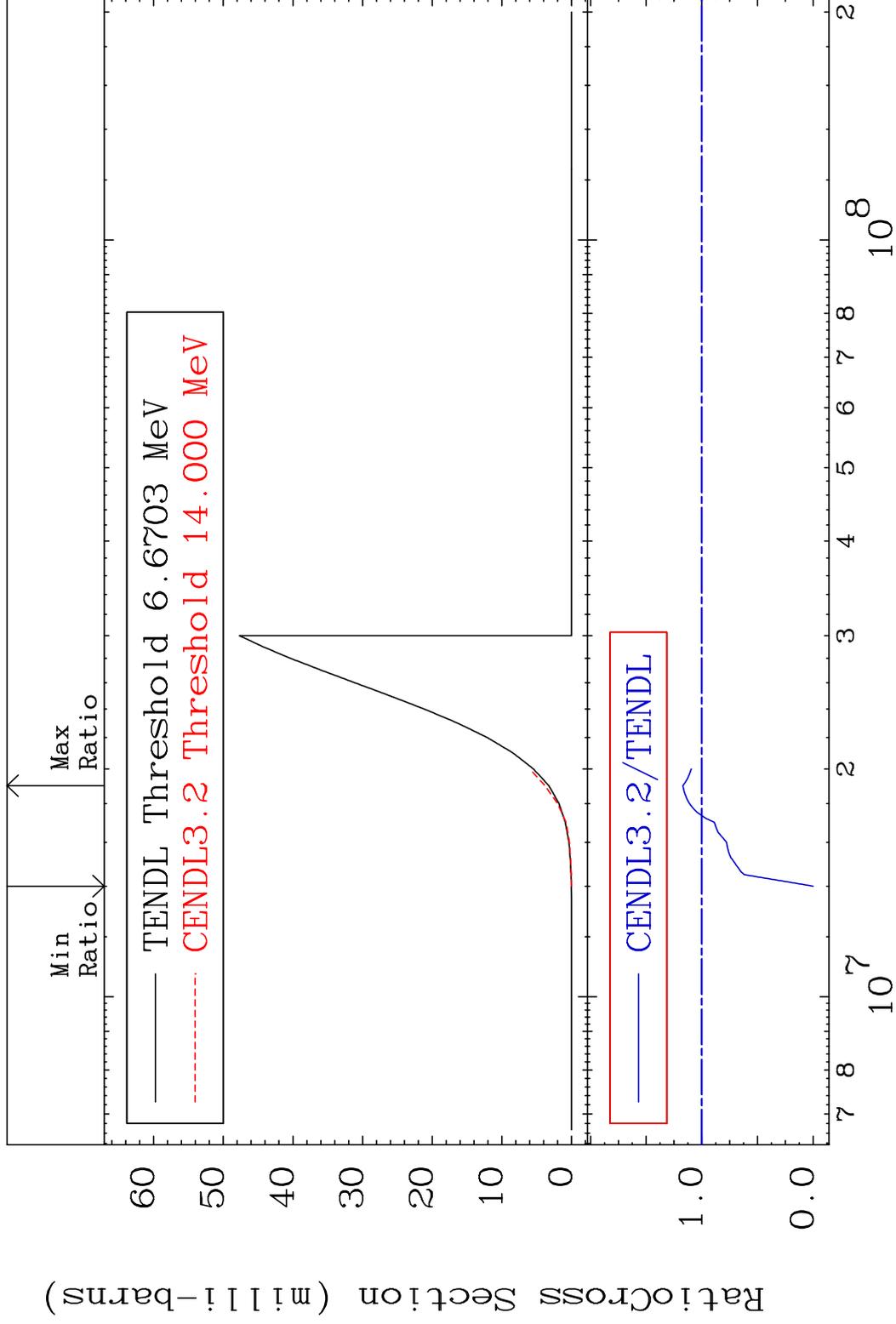
82-Pb-204

MAT 8225

(n, n') p

82-Pb-204

Cross Section -100.0 To 17.10 %

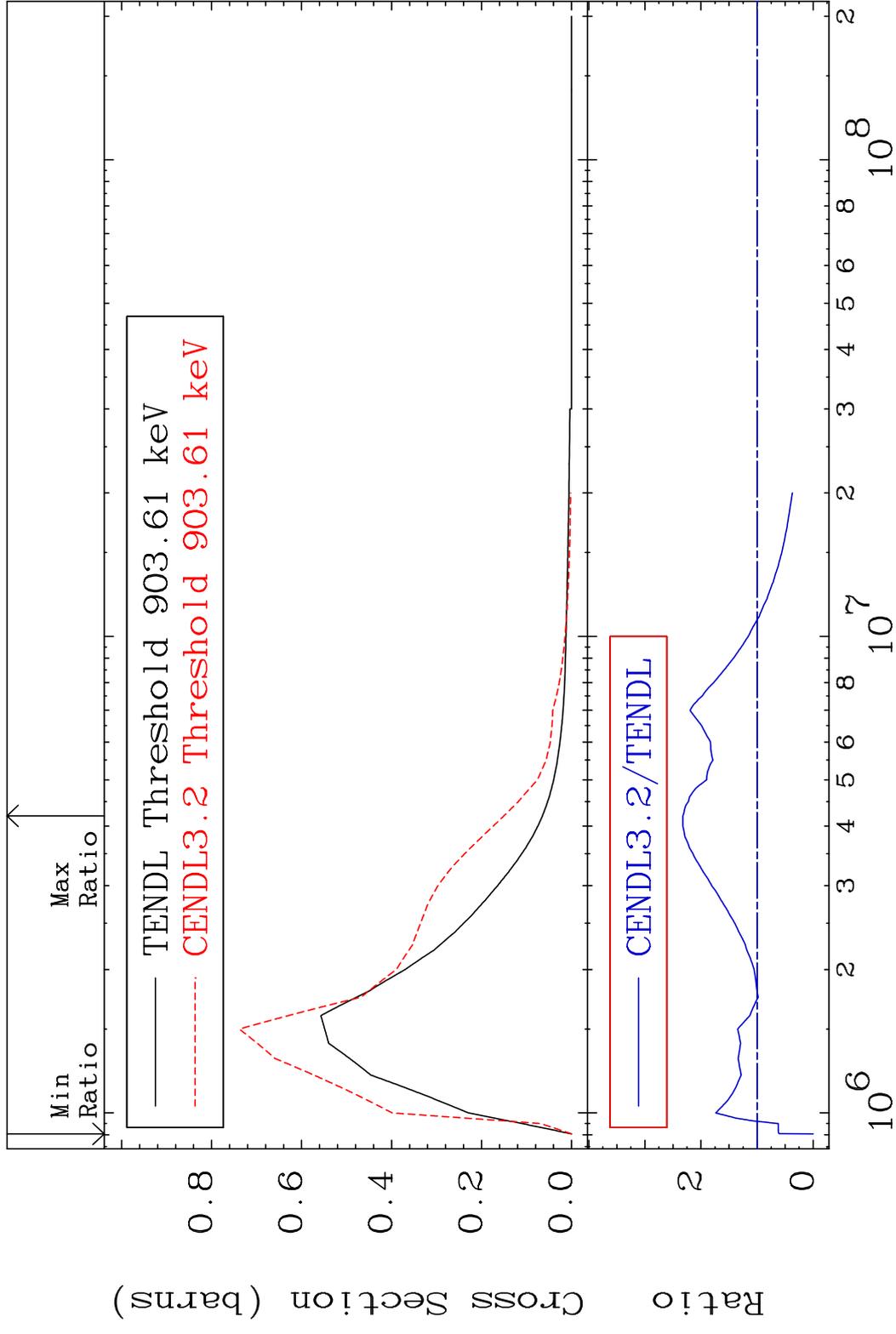


6

Incident Energy (eV)

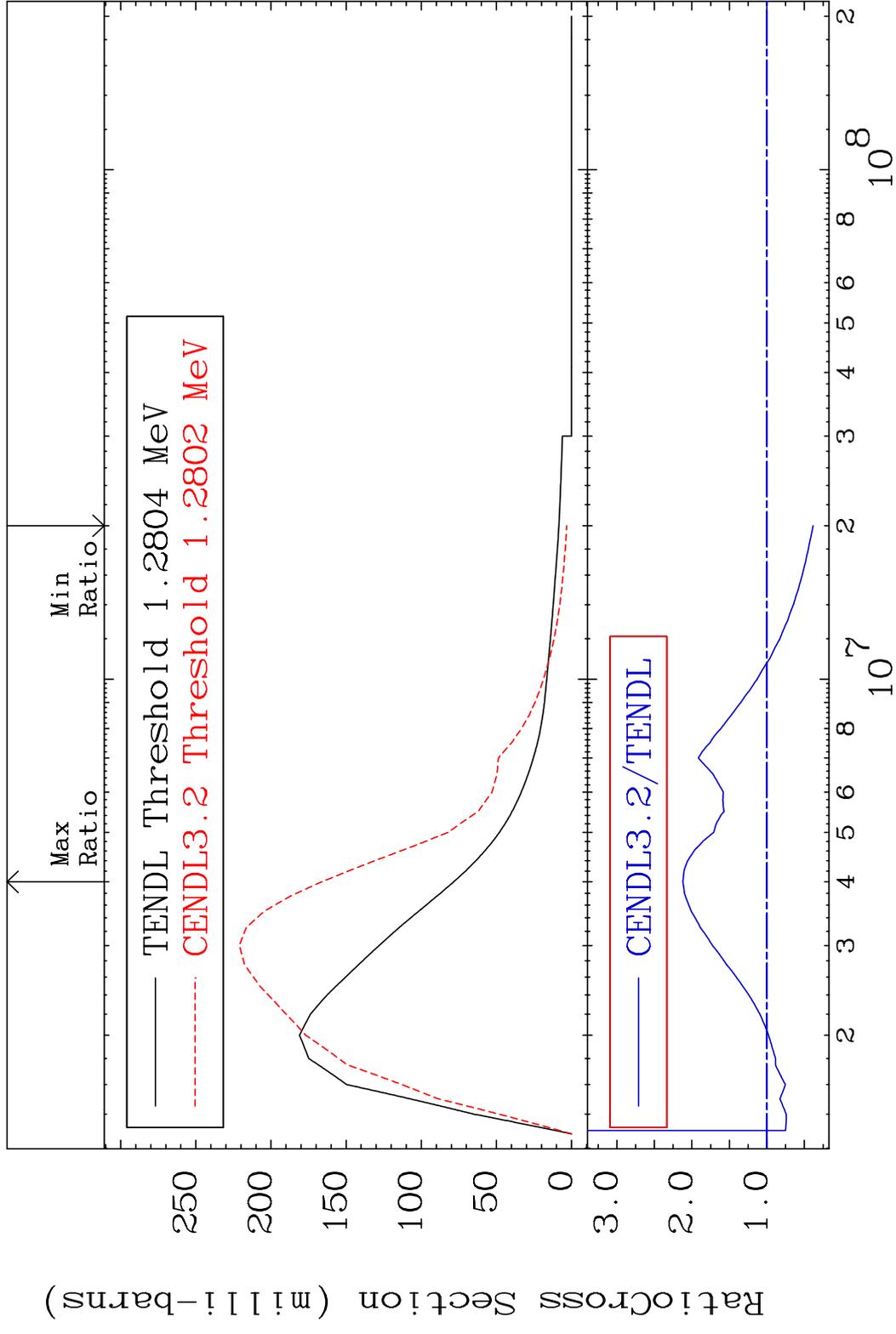
82-Pb-204

MAT 8225 MT= 51 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 132.4 %

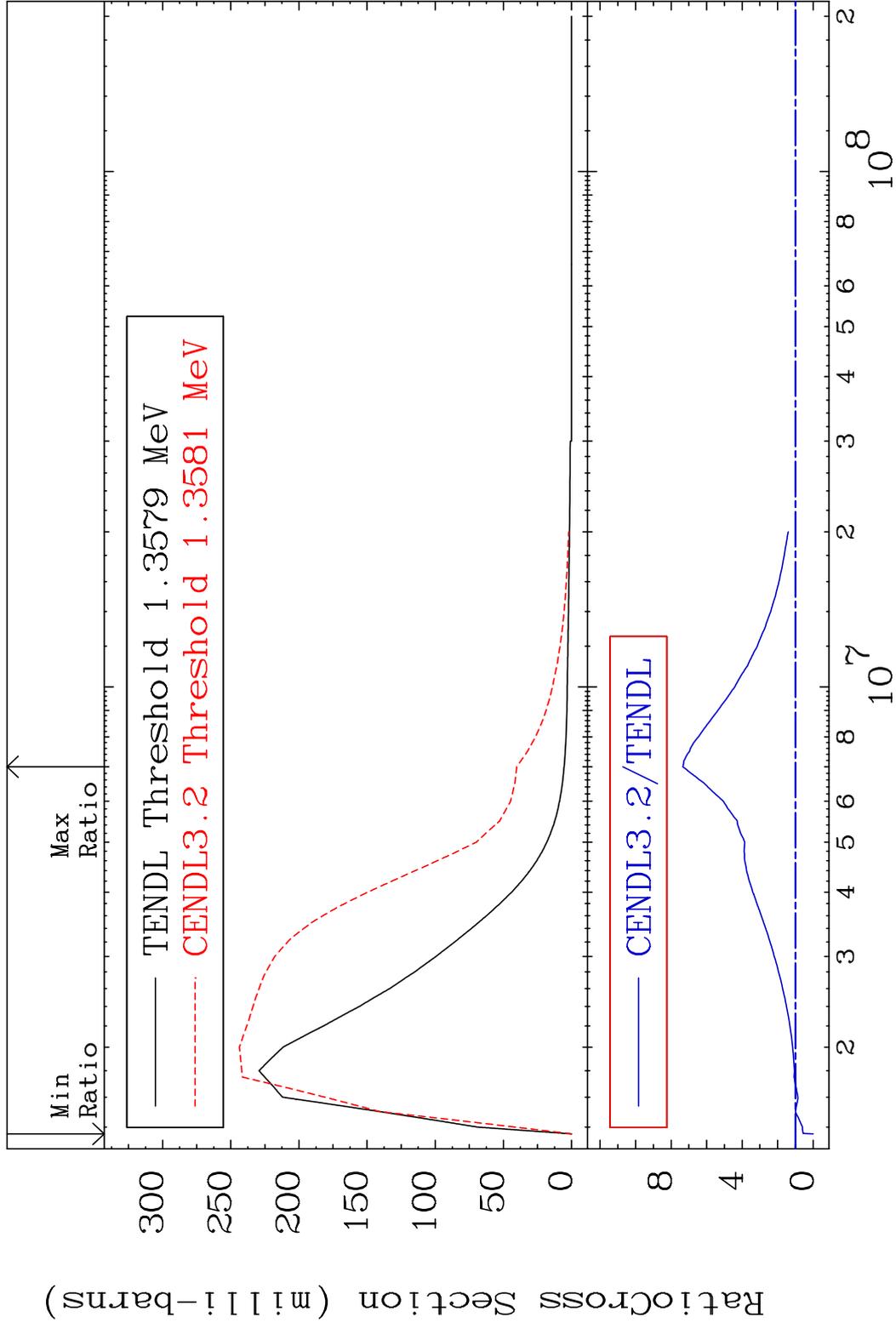


7 Incident Energy (eV) 82-Pb-204

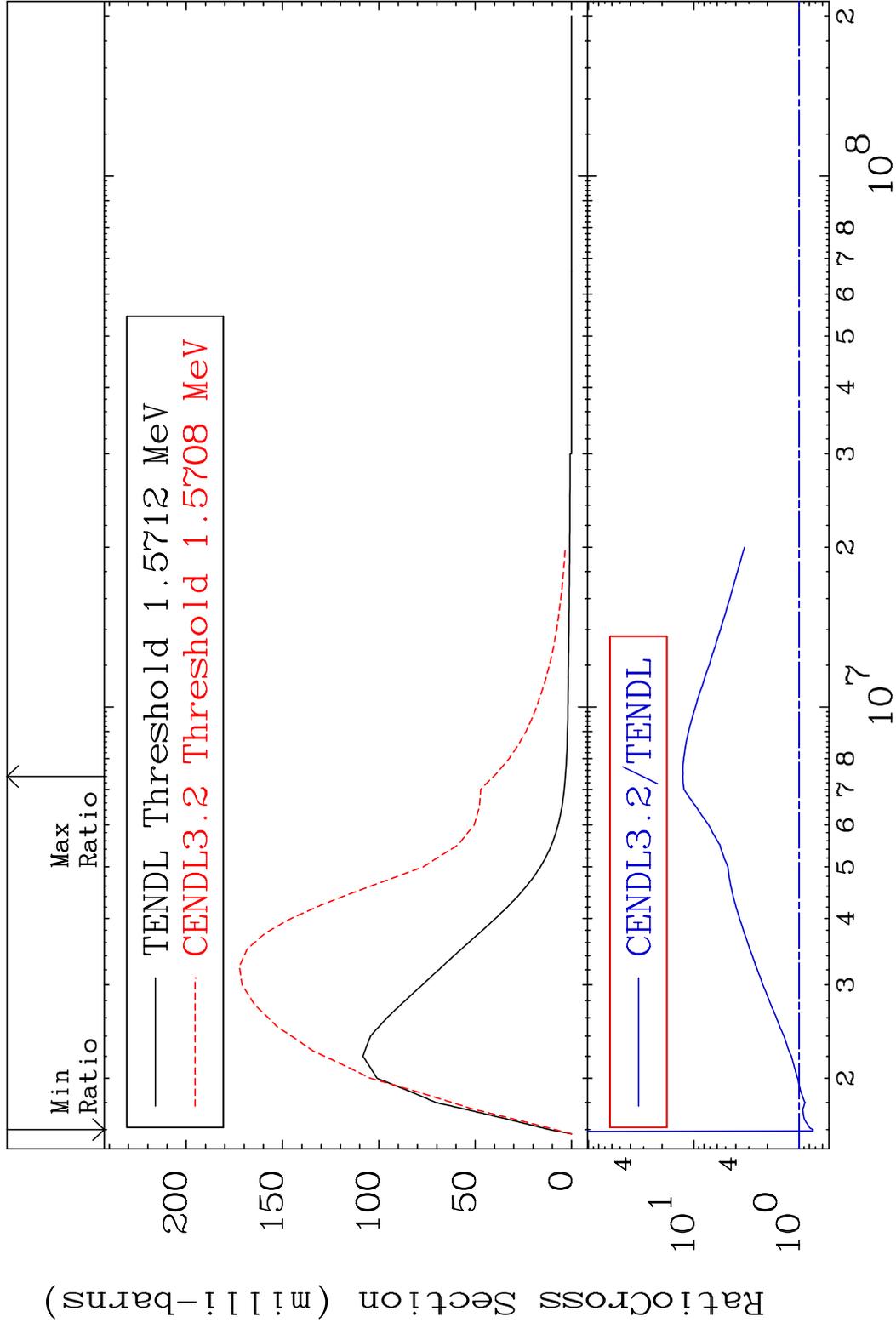
MAT 8225 MT= 52 (n, n') Level 82-Pb-204
 Cross Section -61.67 To 112.1 %



MAT 8225 MT= 53 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 634.0 %

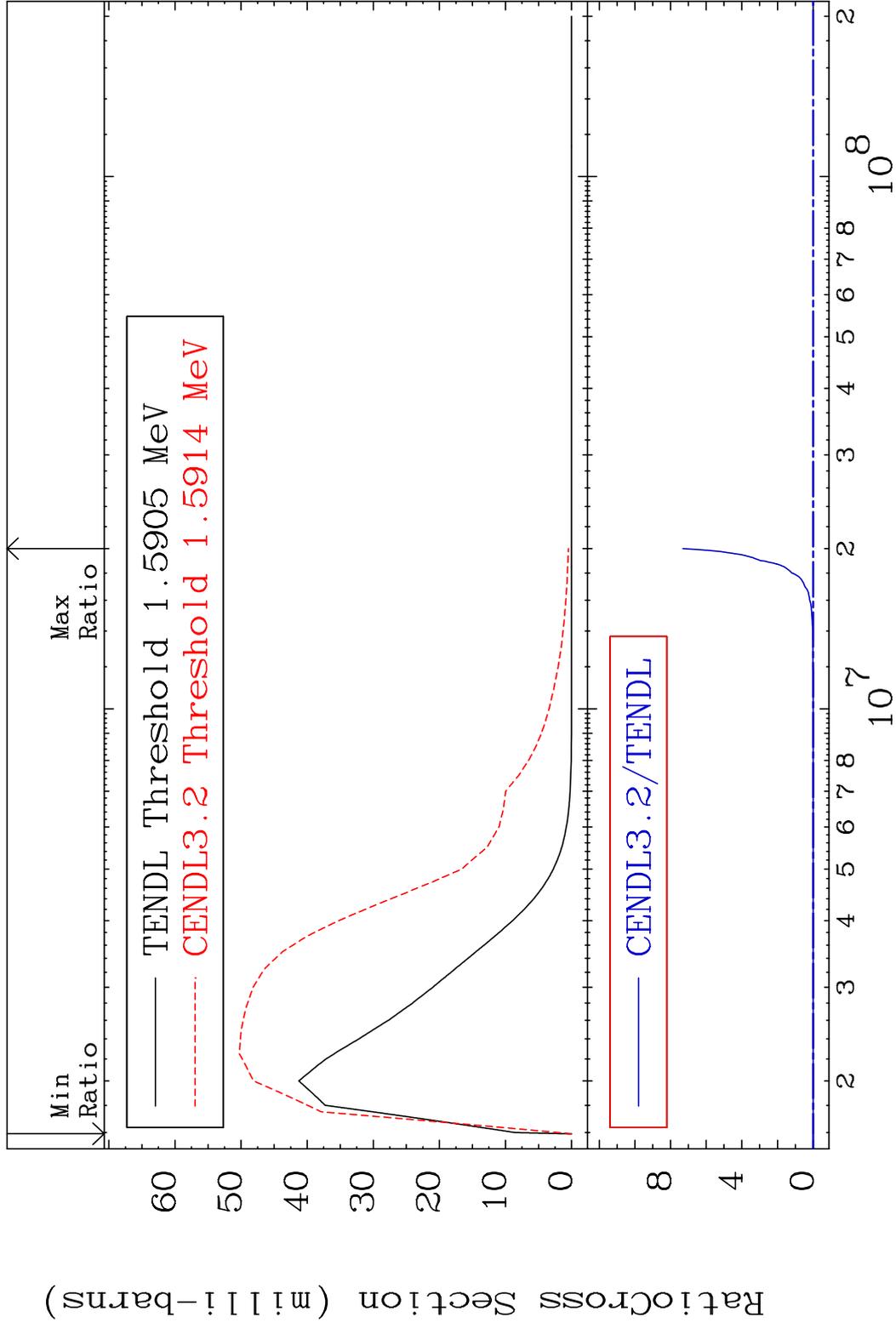


MAT 8225 MT= 54 (n, n') Level 82-Pb-204
 Cross Section -26.38 To 1171. %

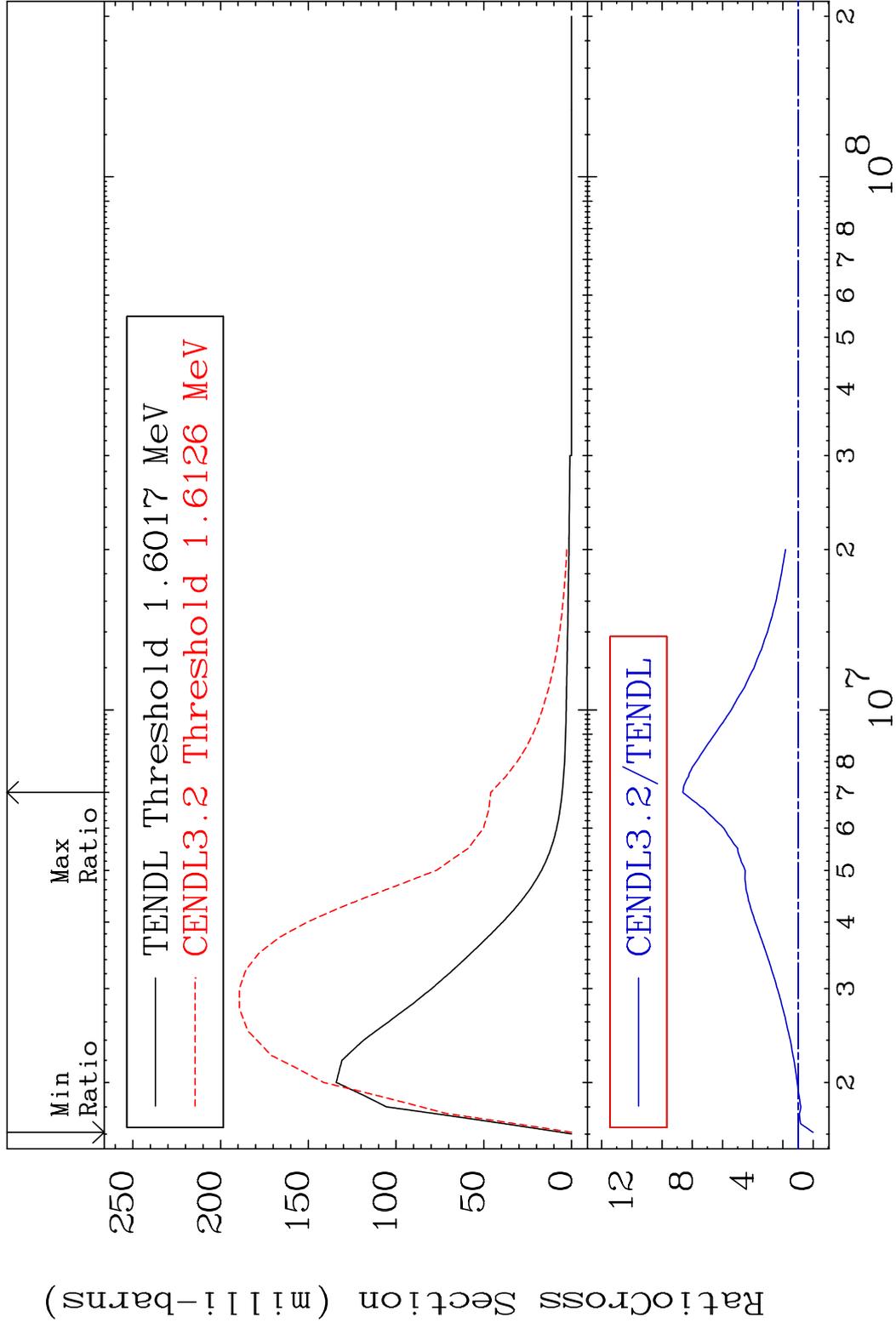


10 Incident Energy (eV) 82-Pb-204

MAT 8225 MT= 55 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 9999. %

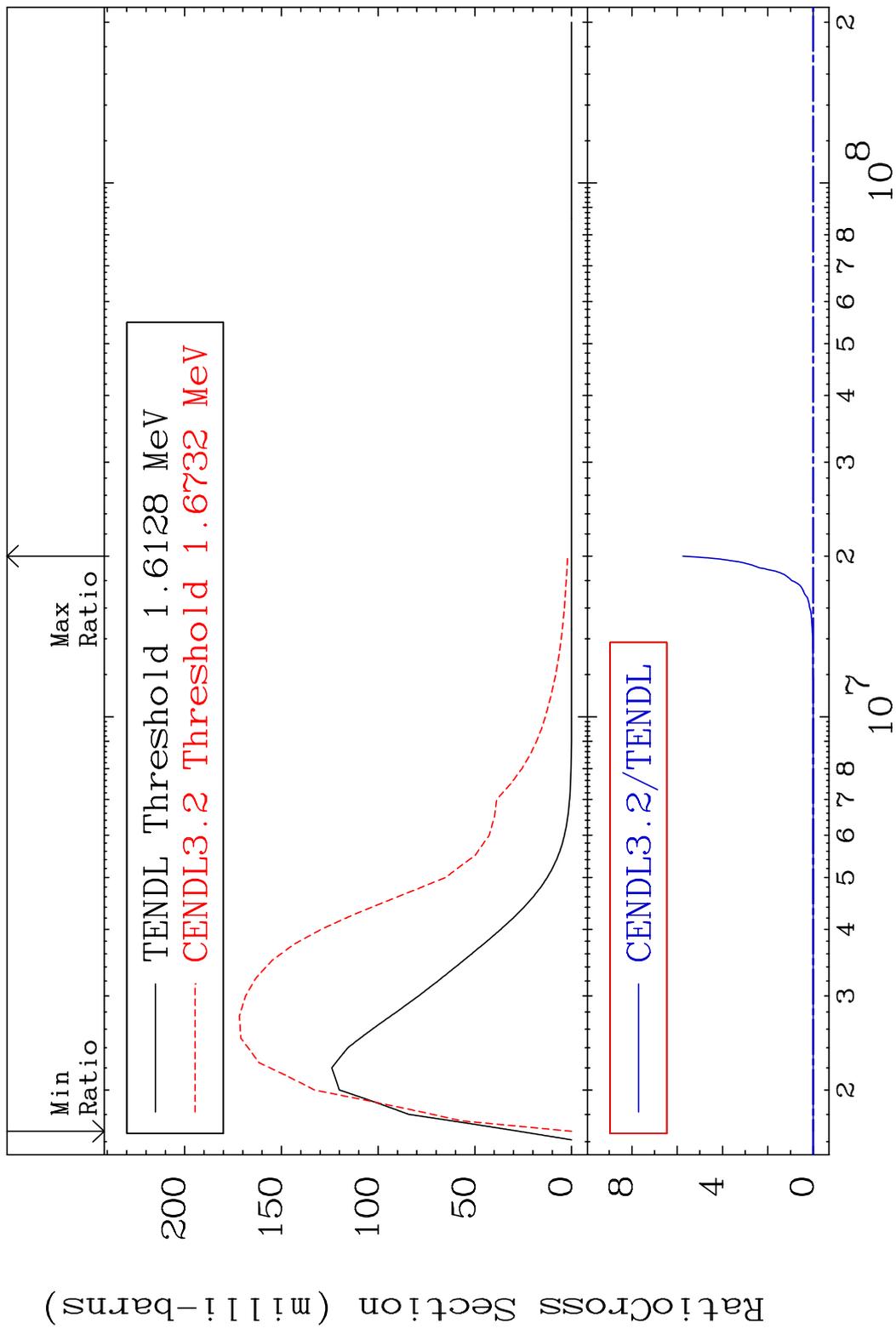


MAT 8225 MT= 56 (n,n') Level 82-Pb-204
 Cross Section -100.0 To 762.6 %

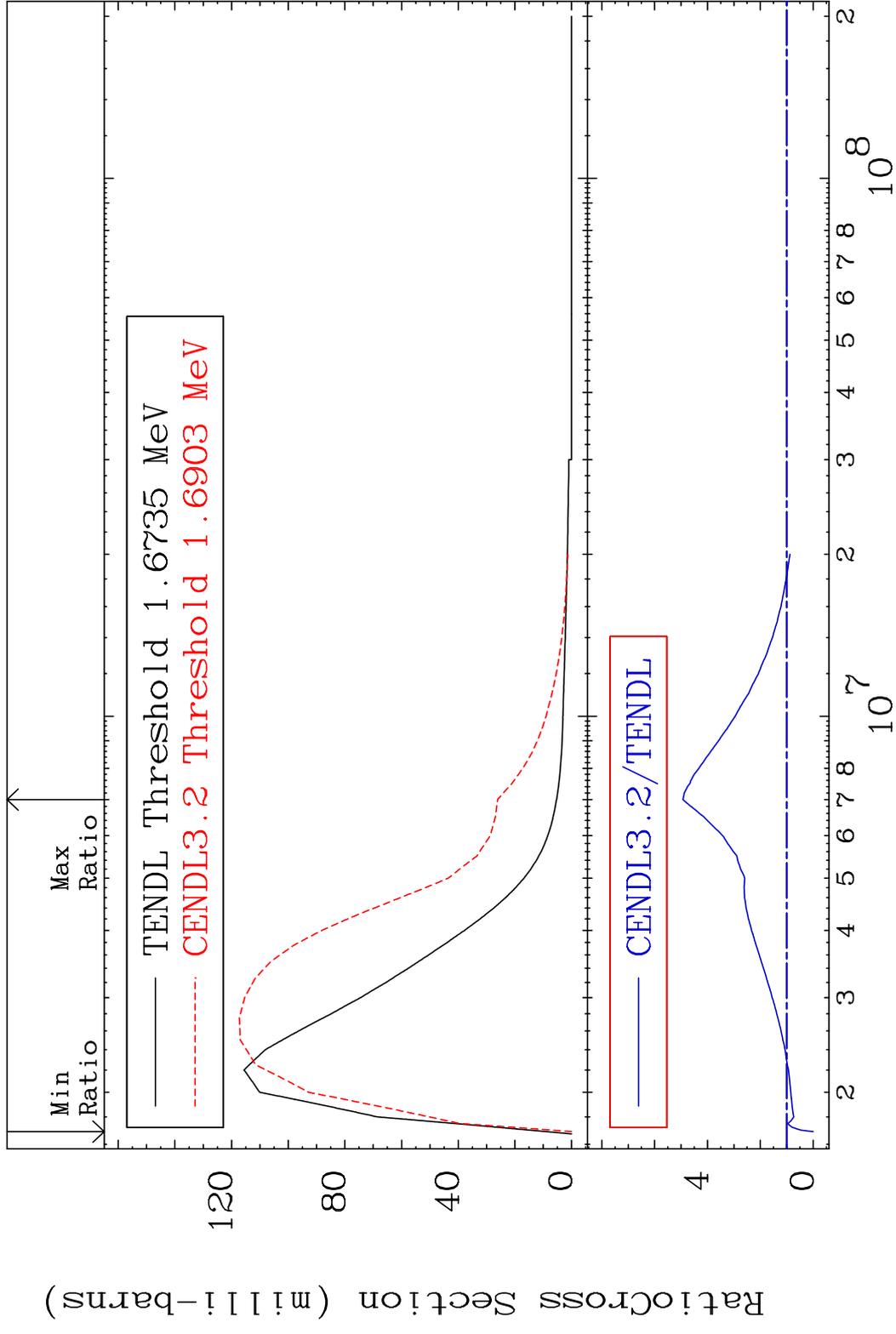


12 82-Pb-204

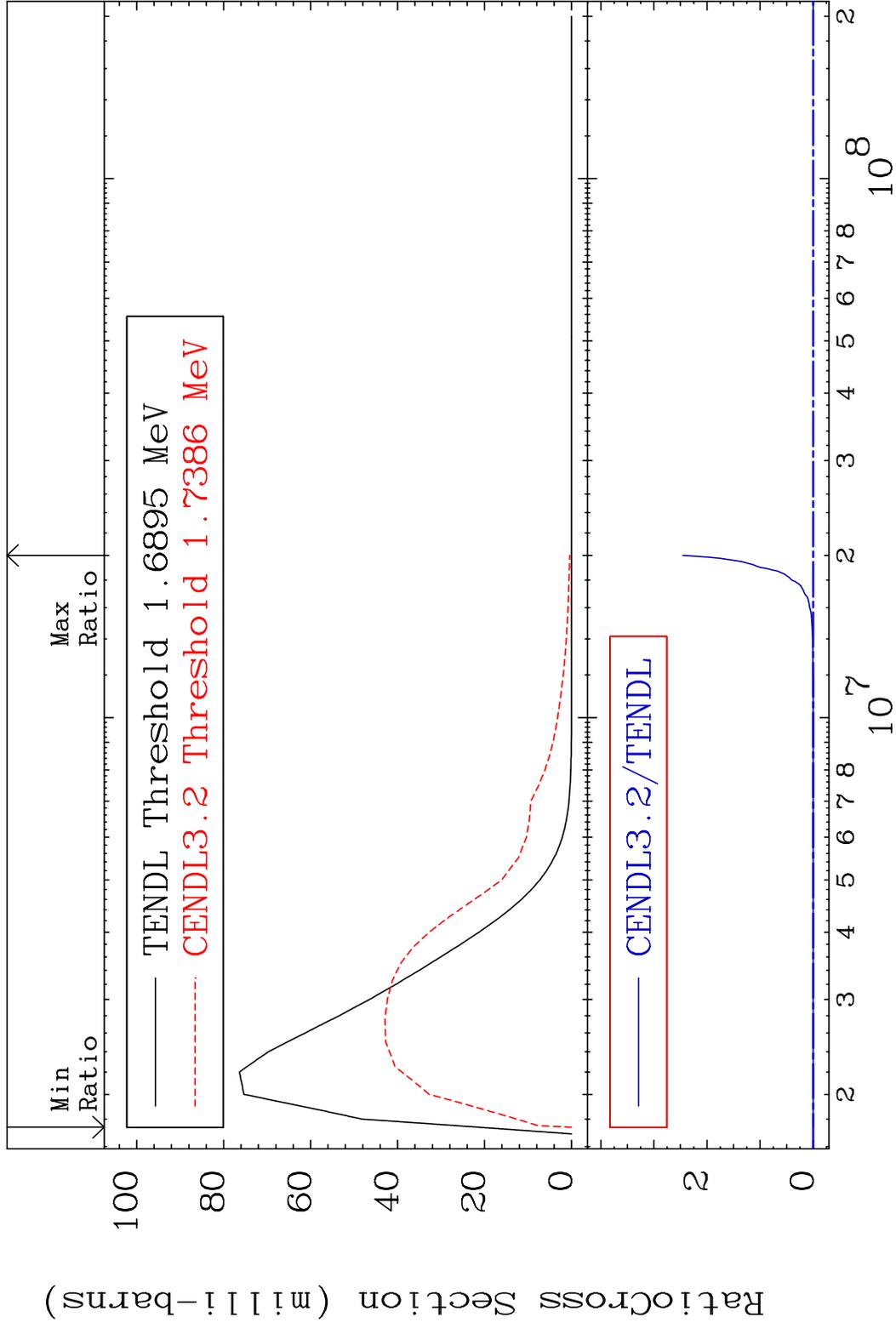
MAT 8225 MT= 57 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 9999. %



MAT 8225 MT= 58 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 393.2 %

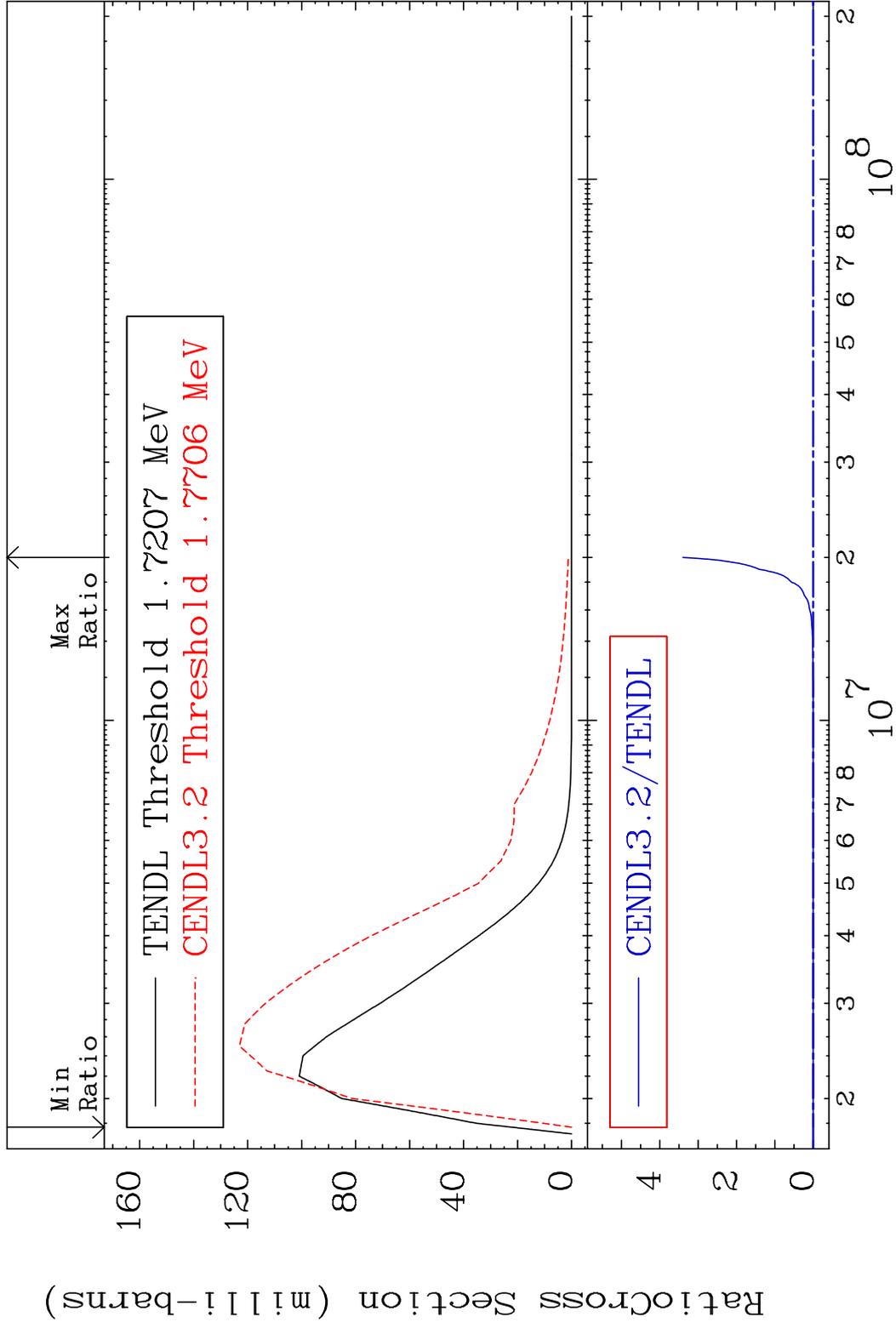


MAT 8225 MT= 59 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 9999. %



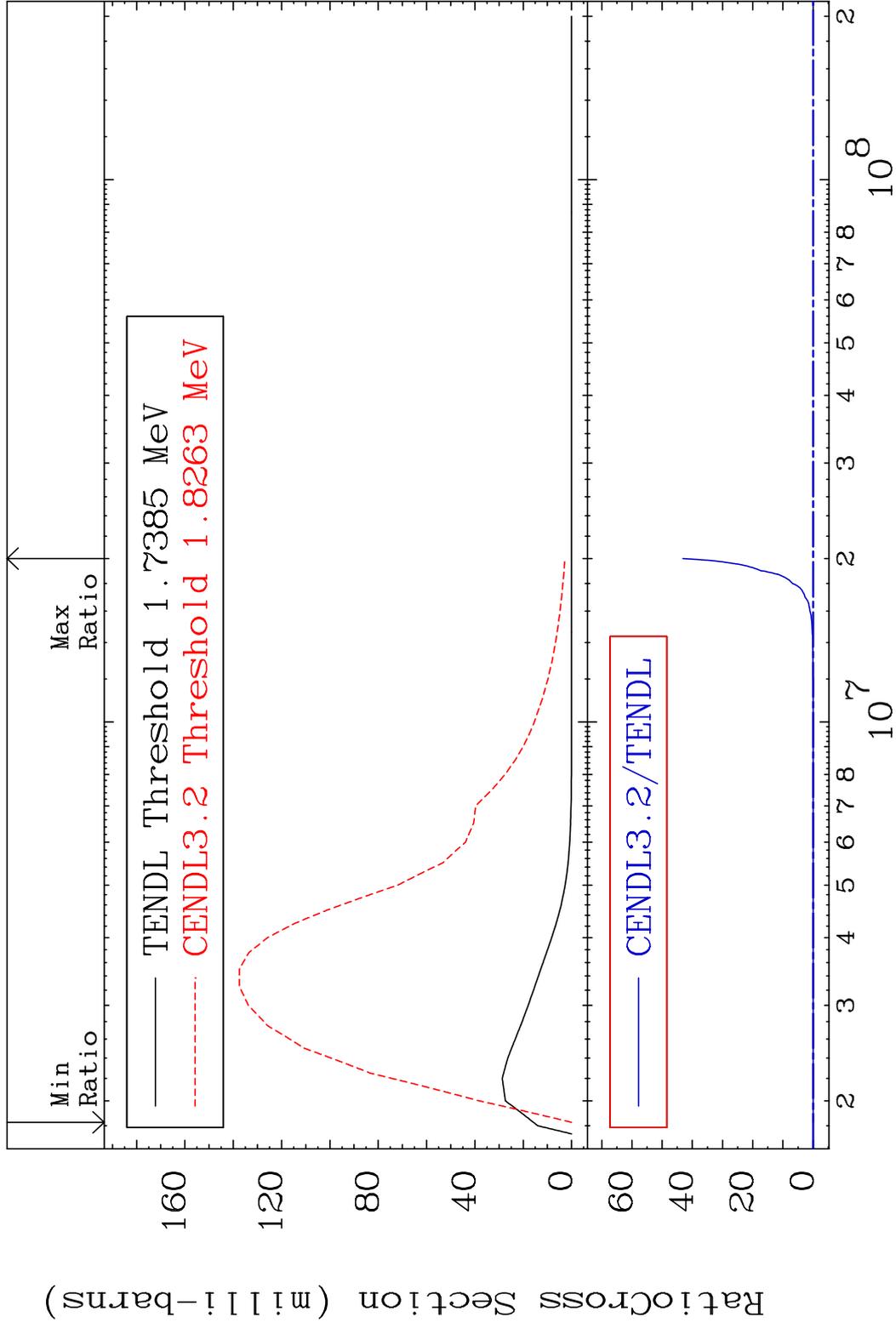
15 Incident Energy (eV) 82-Pb-204

MAT 8225 MT= 60 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 9999. %



16 Incident Energy (eV) 82-Pb-204

MAT 8225 MT= 61 (n, n') Level 82-Pb-204
 Cross Section -100.0 To 9999. %

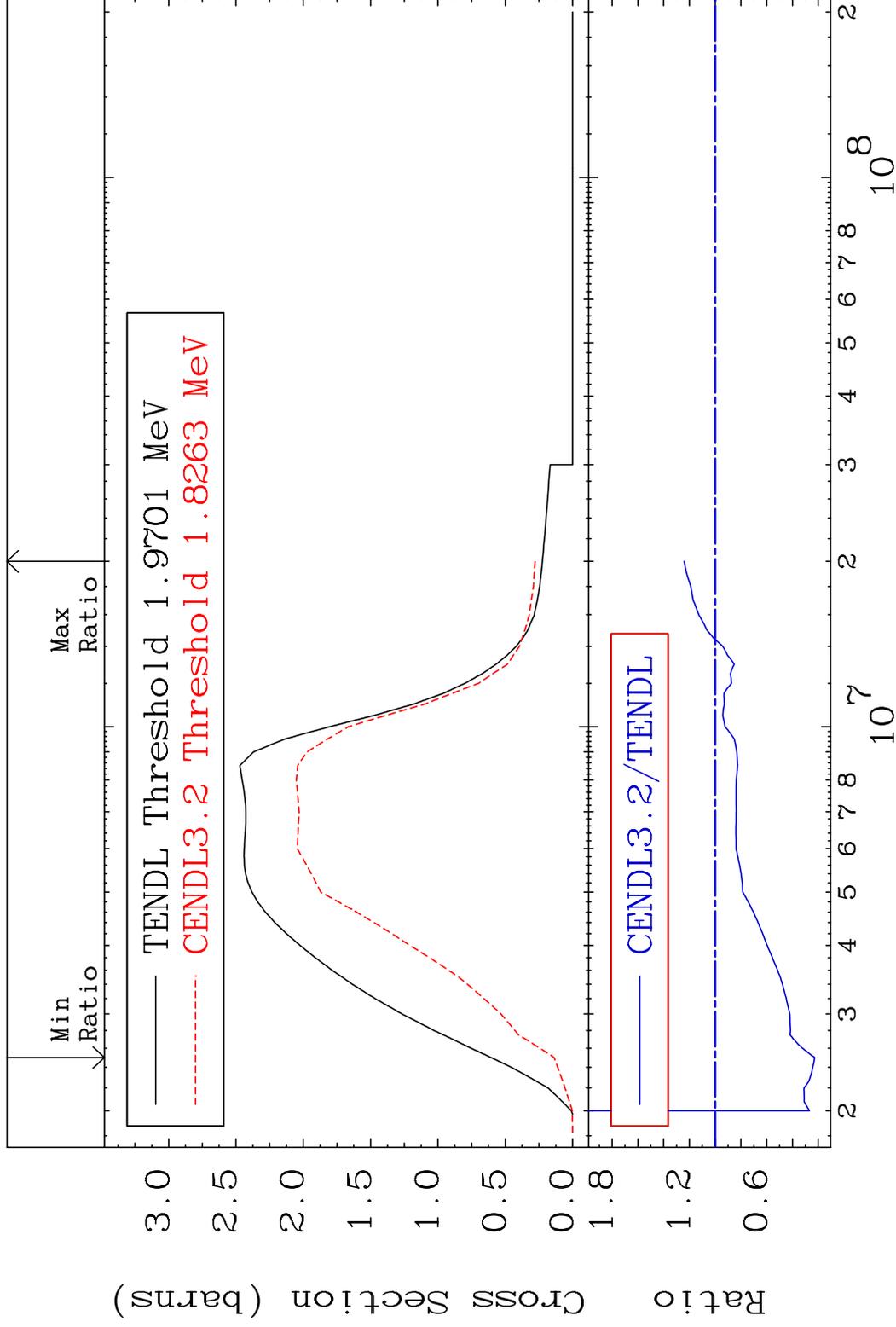


MAT 8225

(n, n') Continuum

82-Pb-204

Cross Section -77.25 To 24.12 %



18

Incident Energy (eV)

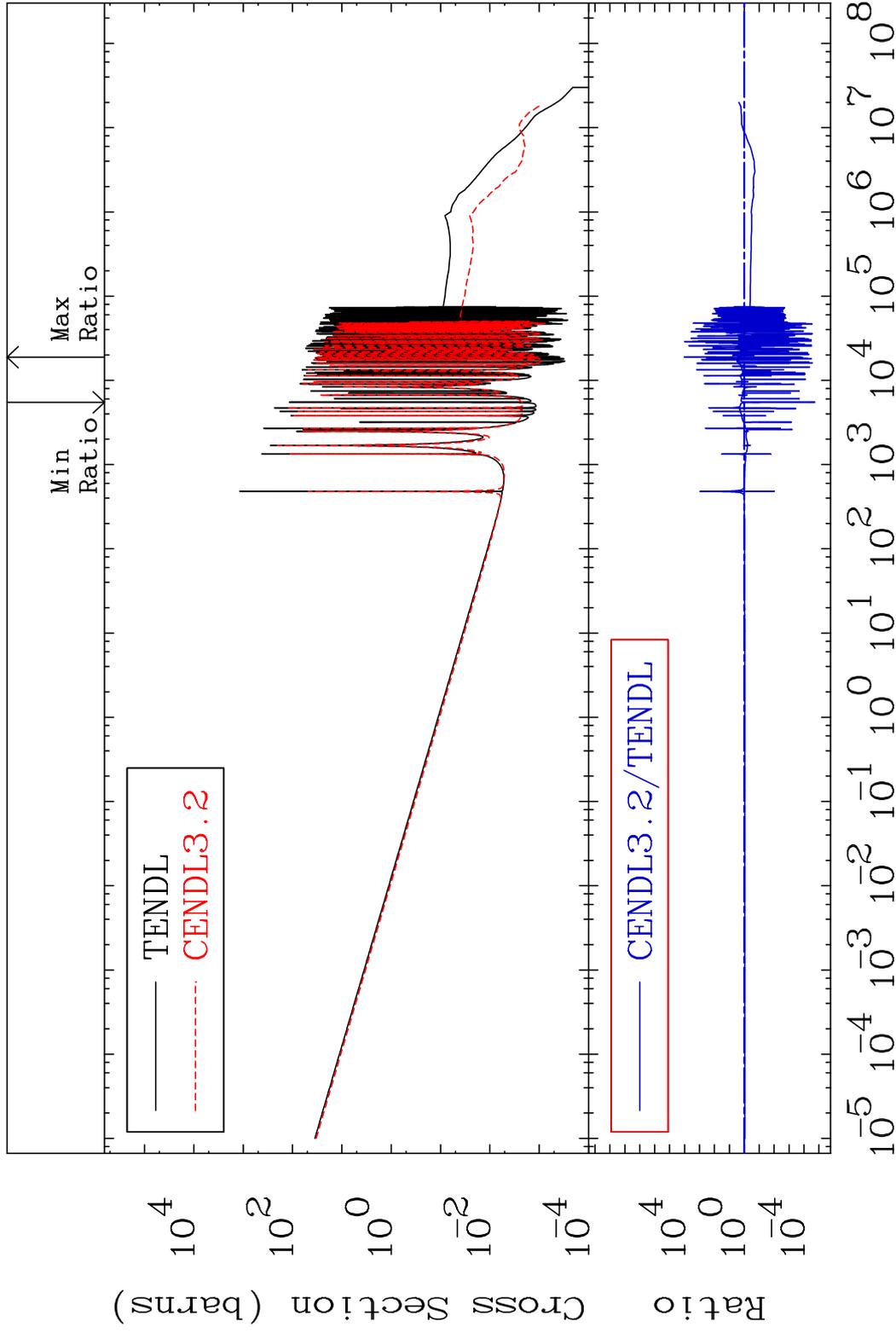
82-Pb-204

MAT 8225

(n, γ)

82-Pb-204

Cross Section -100.0 To 9999. %



19

Incident Energy (eV)

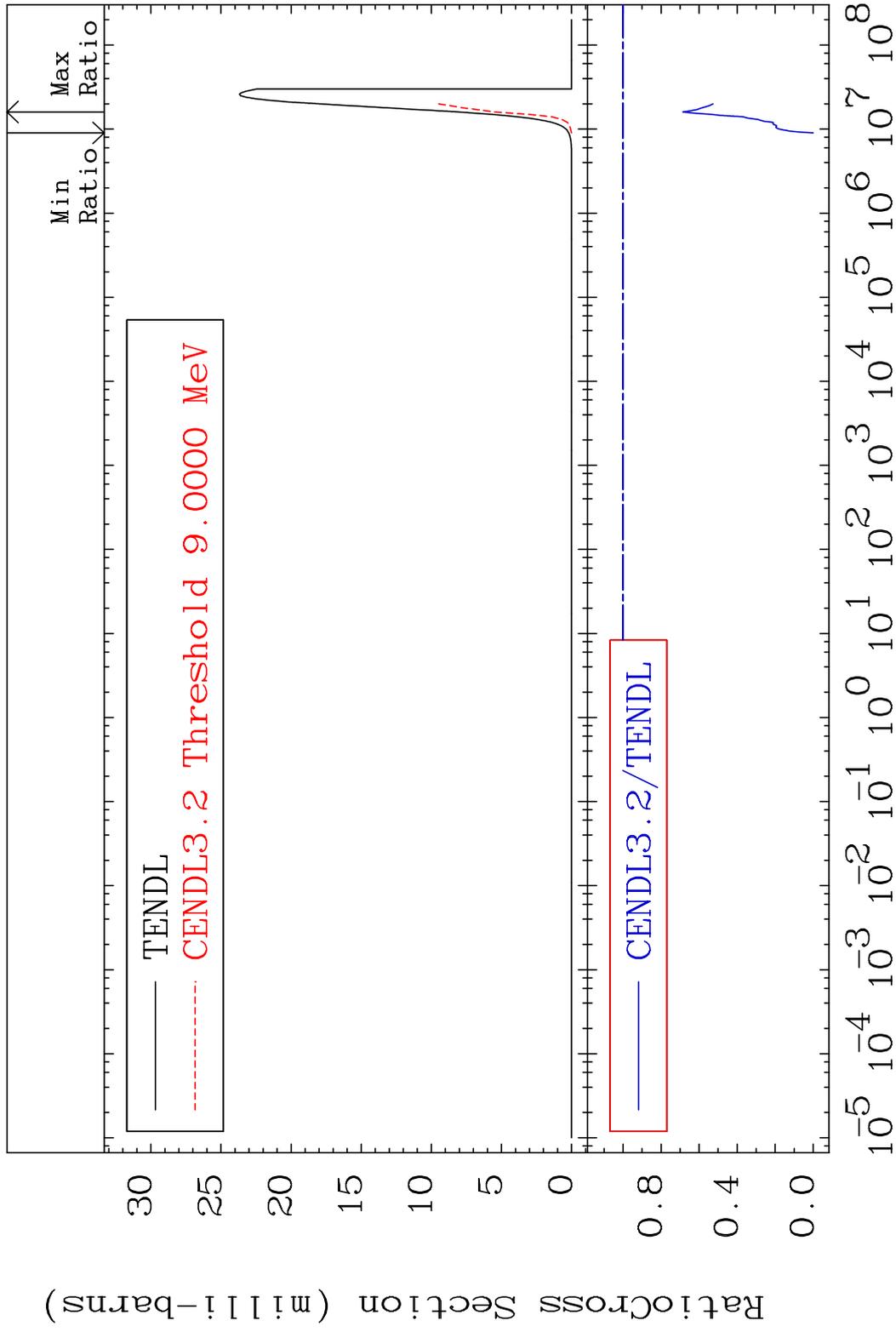
82-Pb-204

MAT 8225

(n, p)

82-Pb-204

Cross Section -100.0 To -31.44%



20

Incident Energy (eV)

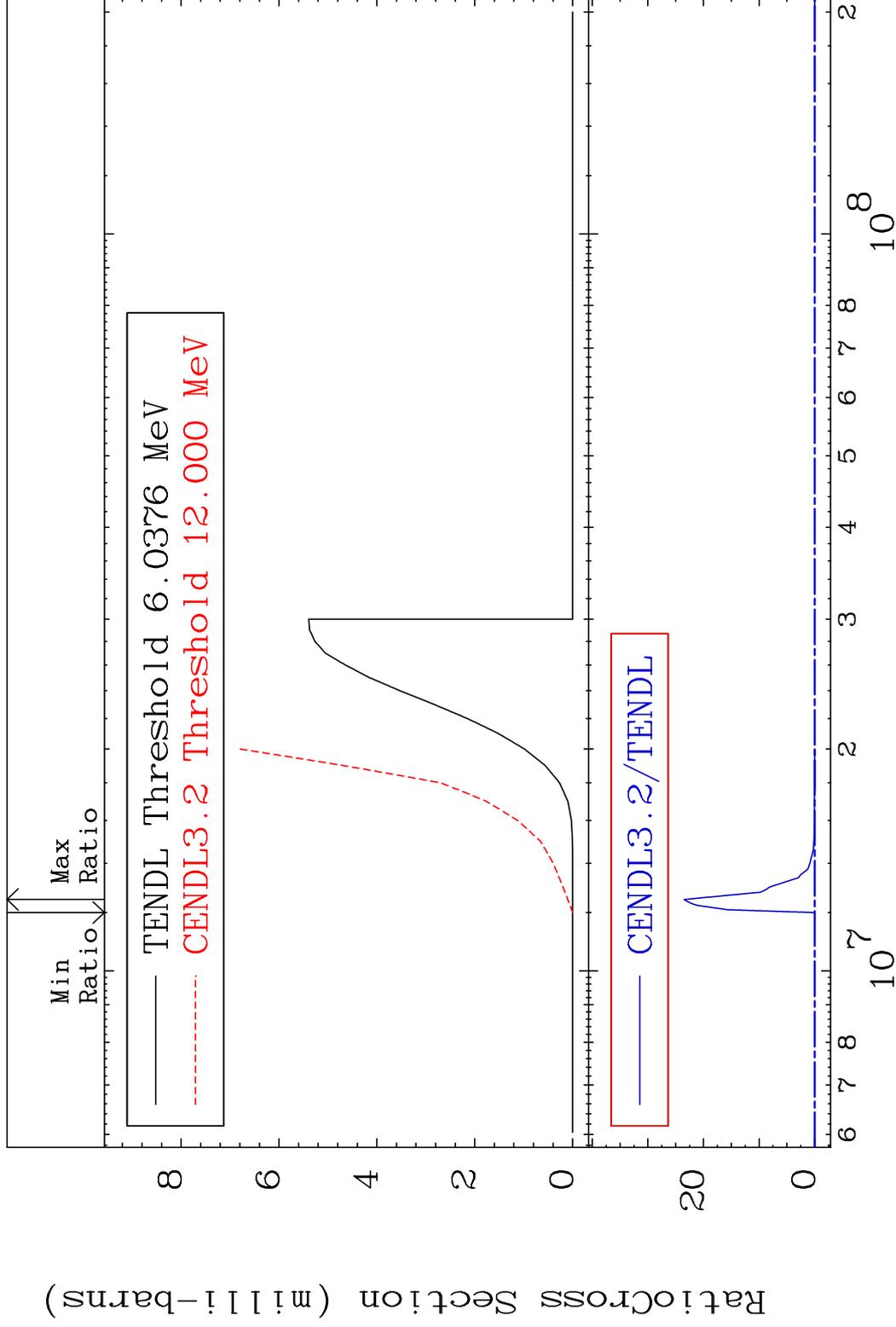
82-Pb-204

MAT 8225

(n, t)

82-Pb-204

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

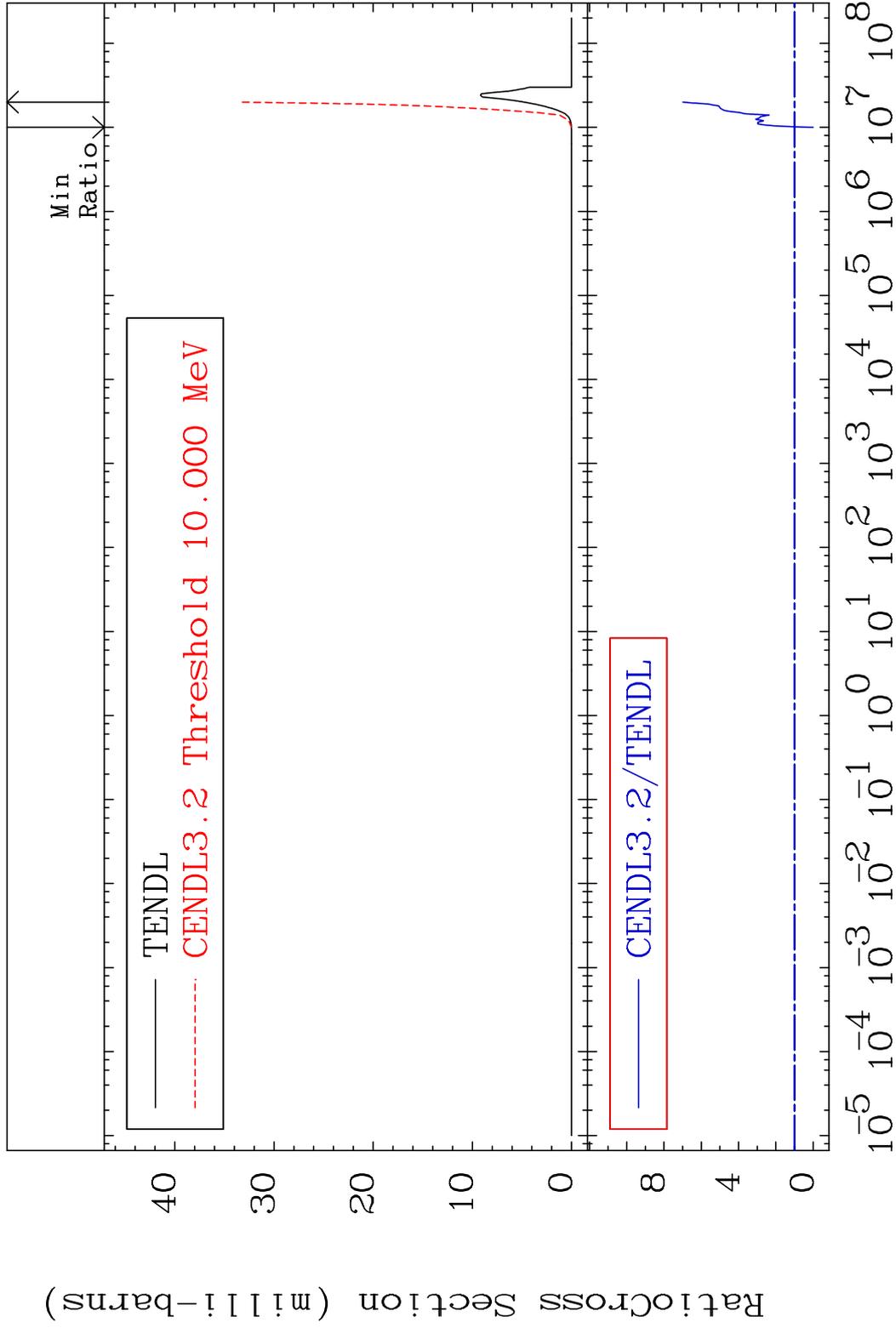
82-Pb-204

MAT 8225

(n, α)

82-Pb-204

Cross Section -100.0 To 599.1 %



22

Incident Energy (eV)

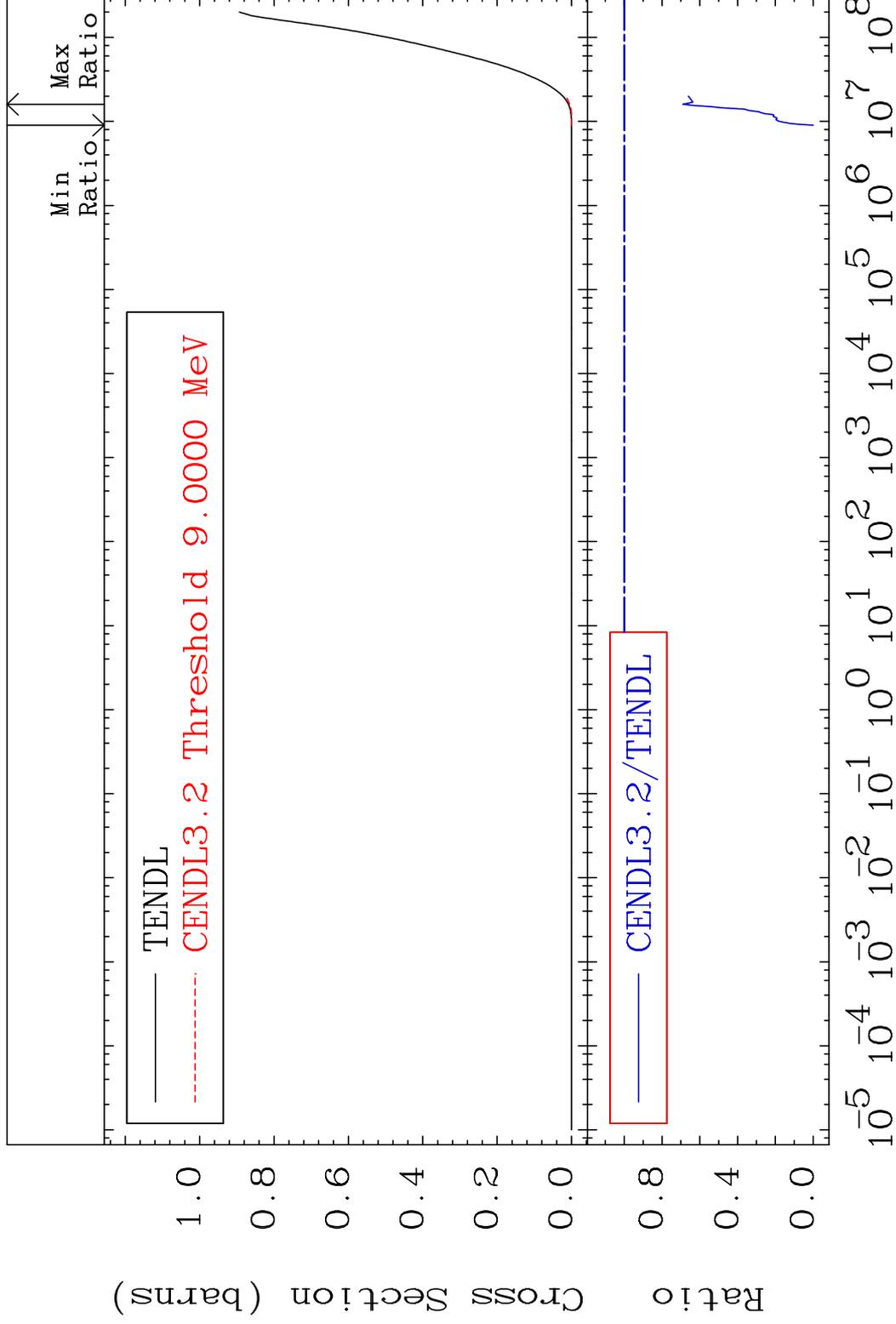
82-Pb-204

MAT 8225

Hydrogen Production

82-Pb-204

Cross Section -100.0 To -31.02%



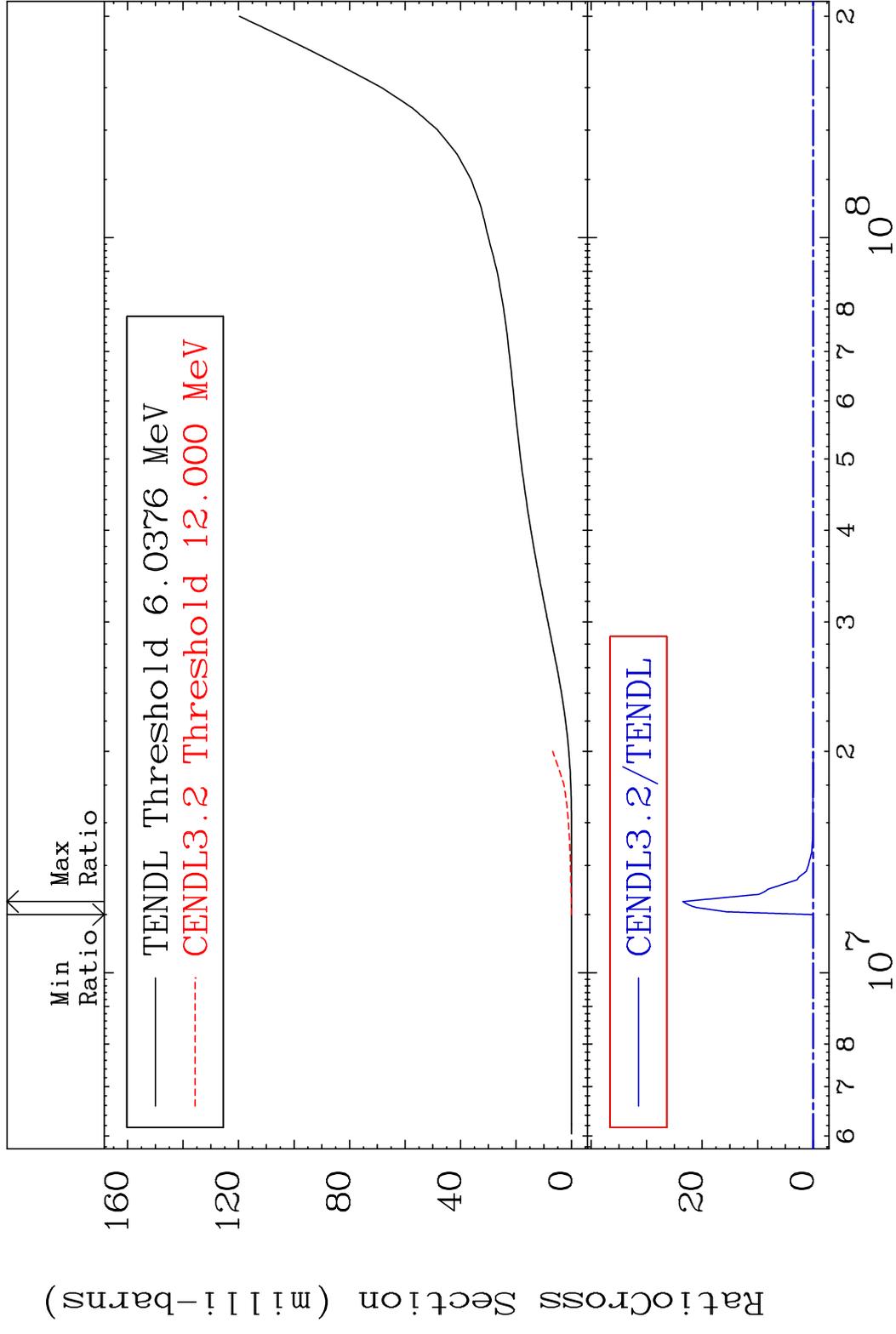
23

Incident Energy (eV)

82-Pb-204

MAT 8225

Tritium Production 82-Pb-204
Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

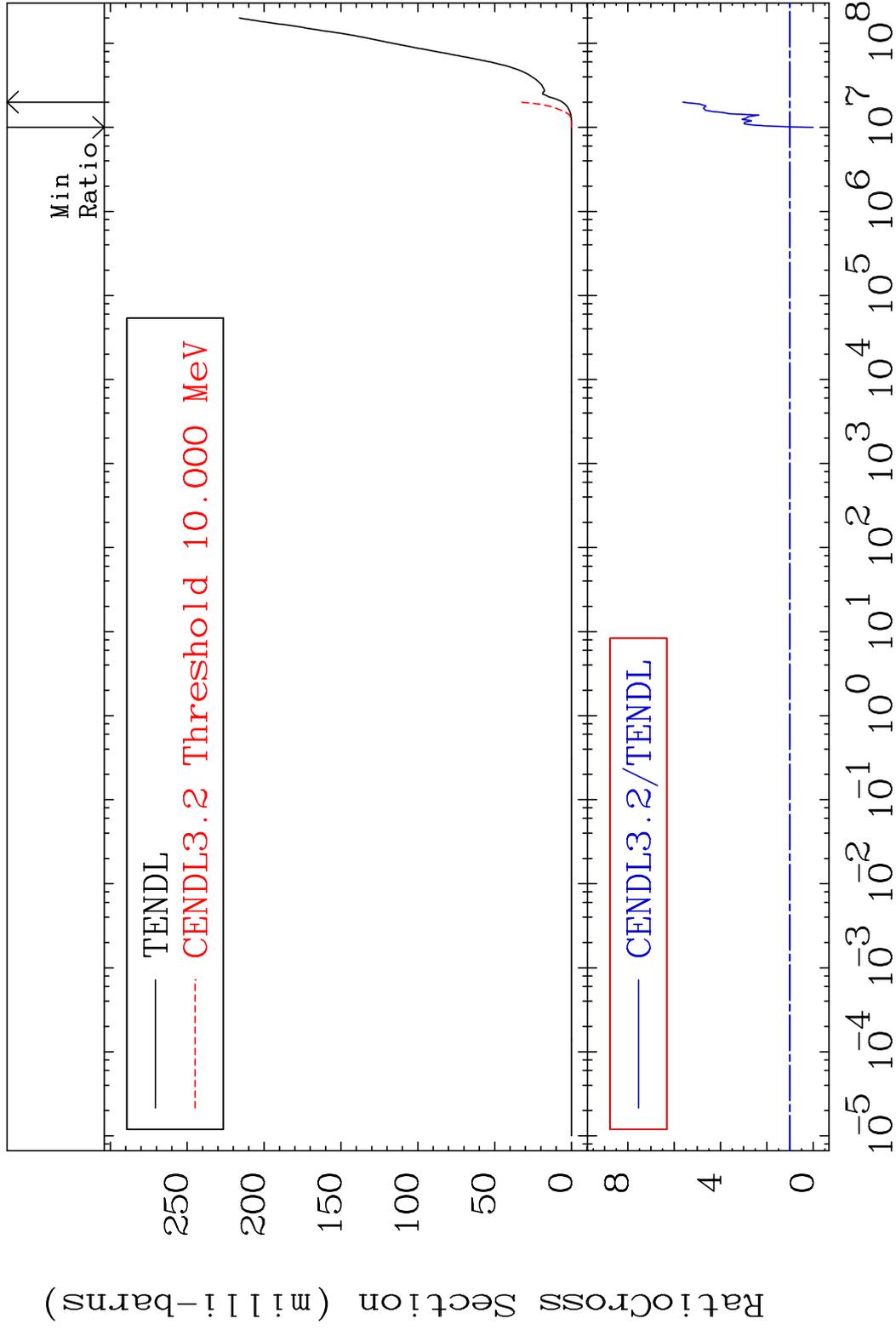
82-Pb-204

MAT 8225

He-4 Production

82-Pb-204

Cross Section -100.0 To 462.6 %

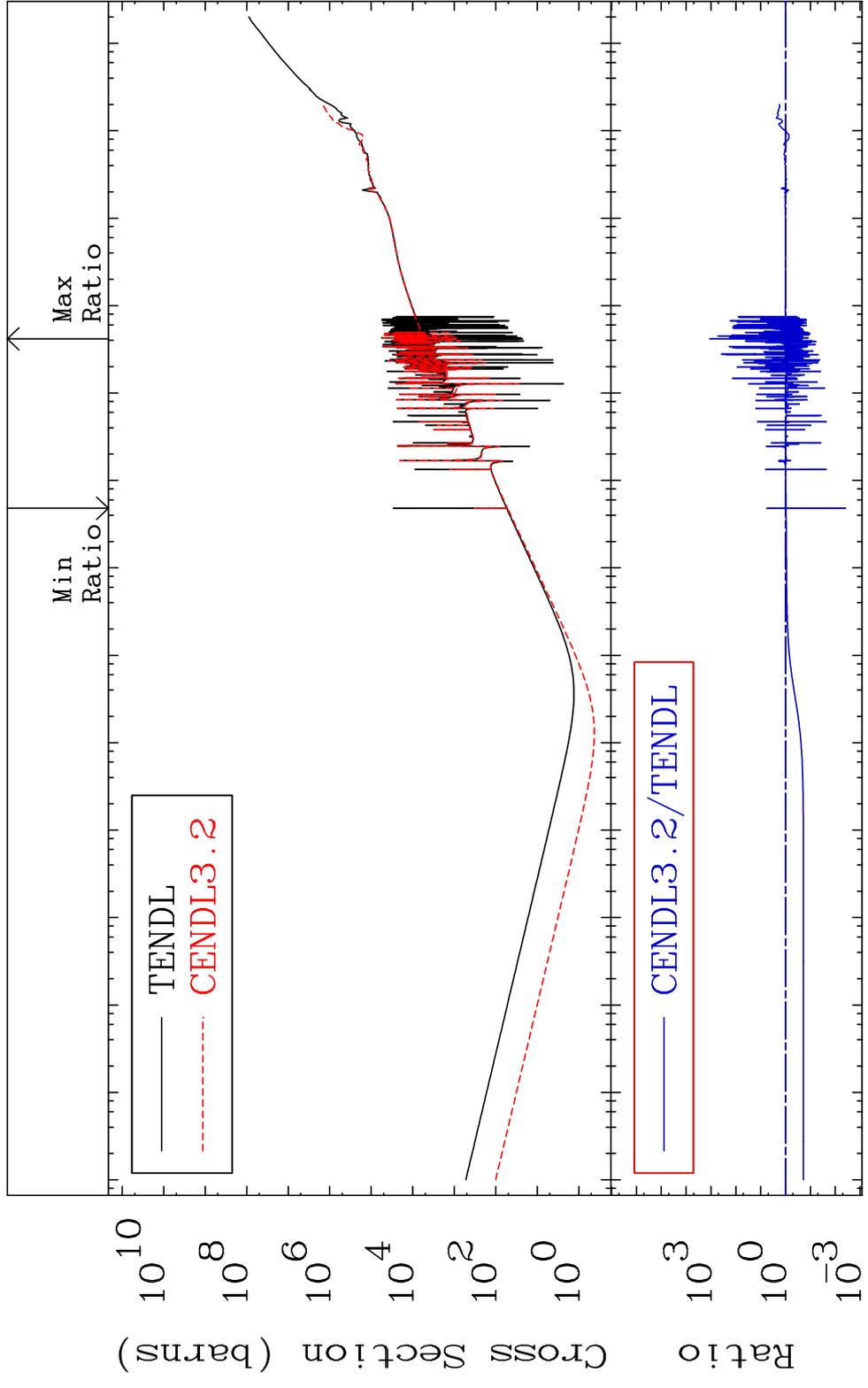


25

Incident Energy (eV)

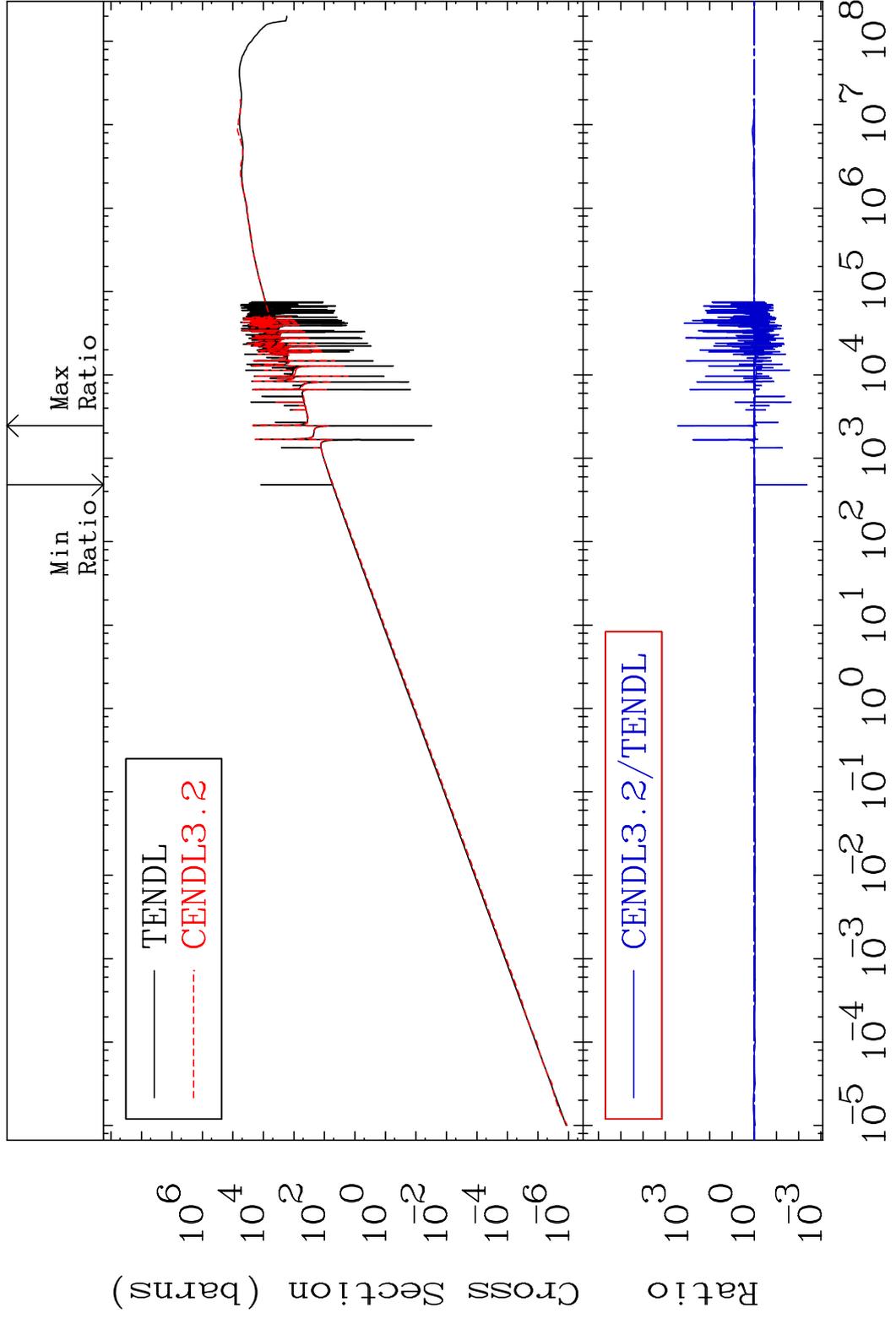
82-Pb-204

MAT 8225 Kerma total (eV-barns) 82-Pb-204
 Cross Section -99.61 To 9999. %

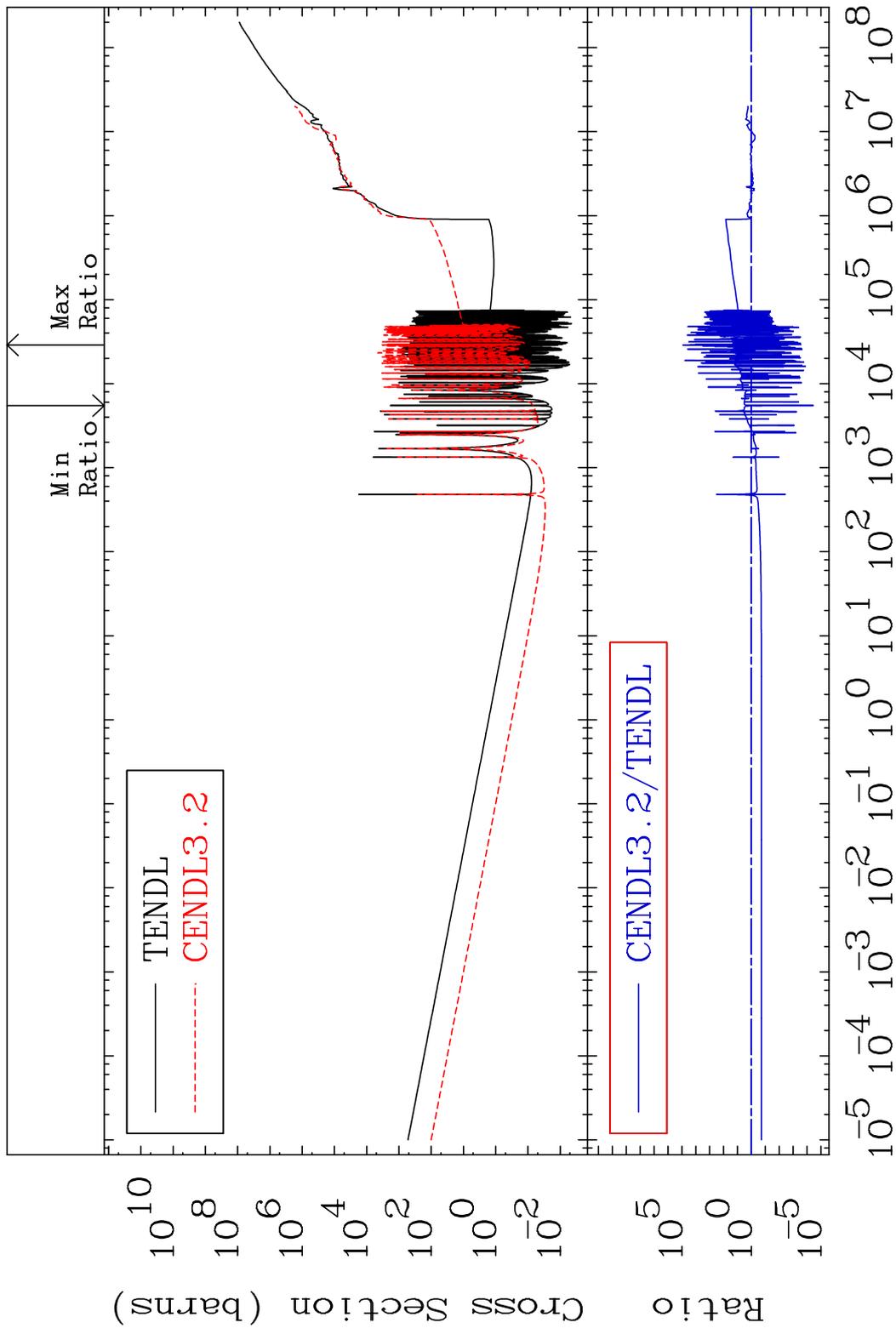


MAT 8225

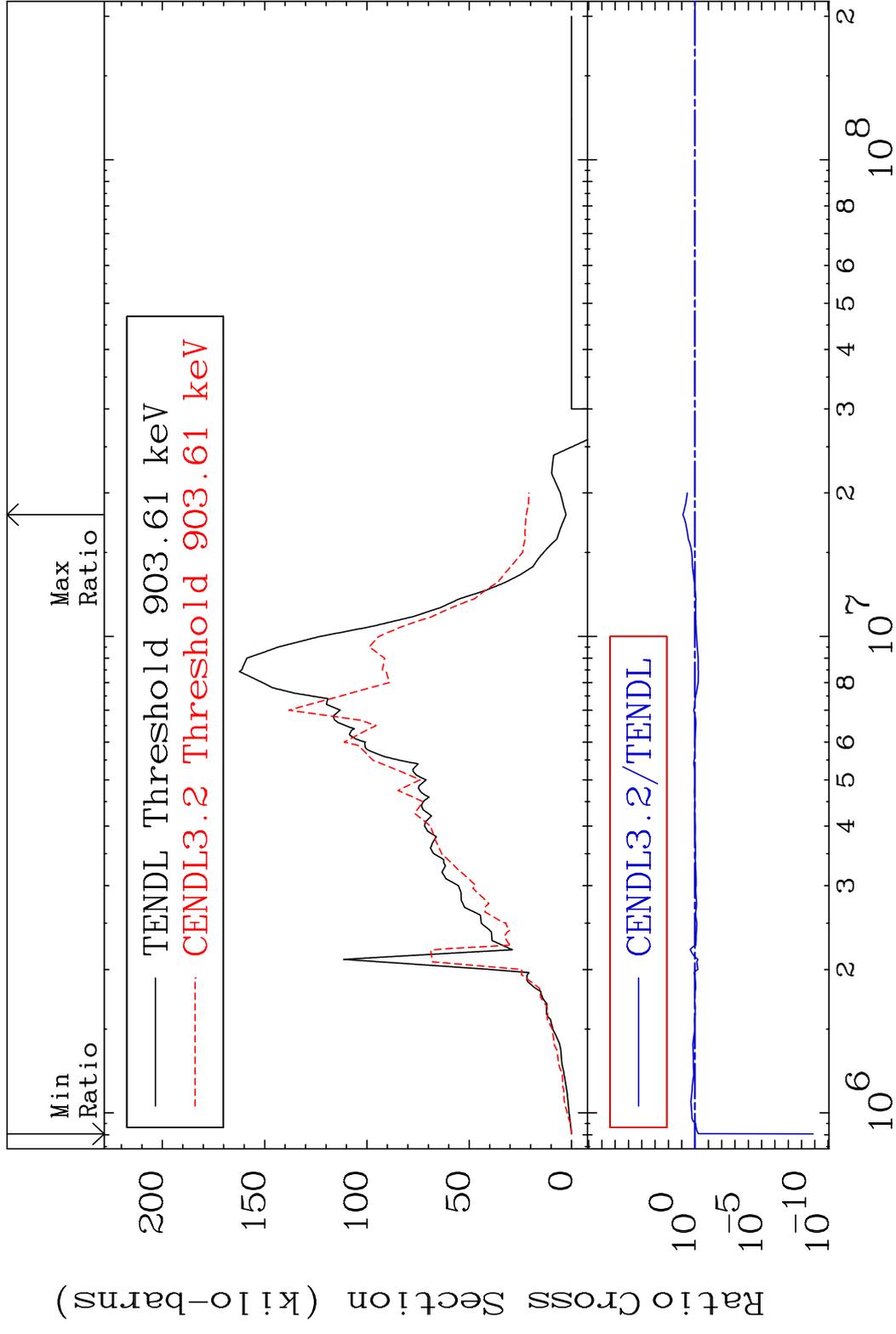
Kerma elastic Cross Section -99.58 To 9999. %
82-Pb-204



MAT 8225 Kerma non-elastic (all but mt2) 82-Pb-204
 Cross Section -100.0 To 9999. %

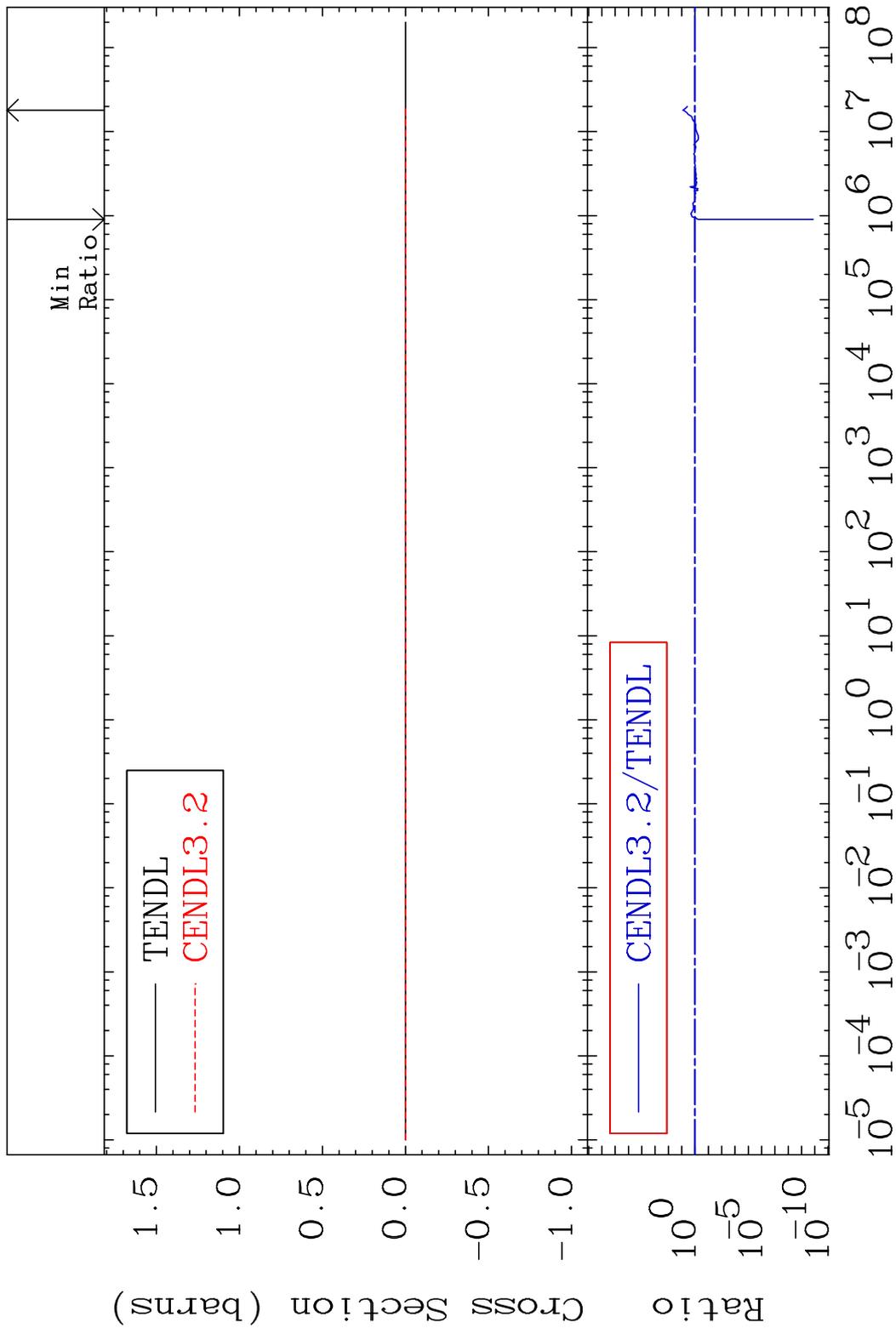


MAT 8225 Kerma inelastic (mt51-91) 82-Pb-204
 Cross Section -100.0 To 723.6 %

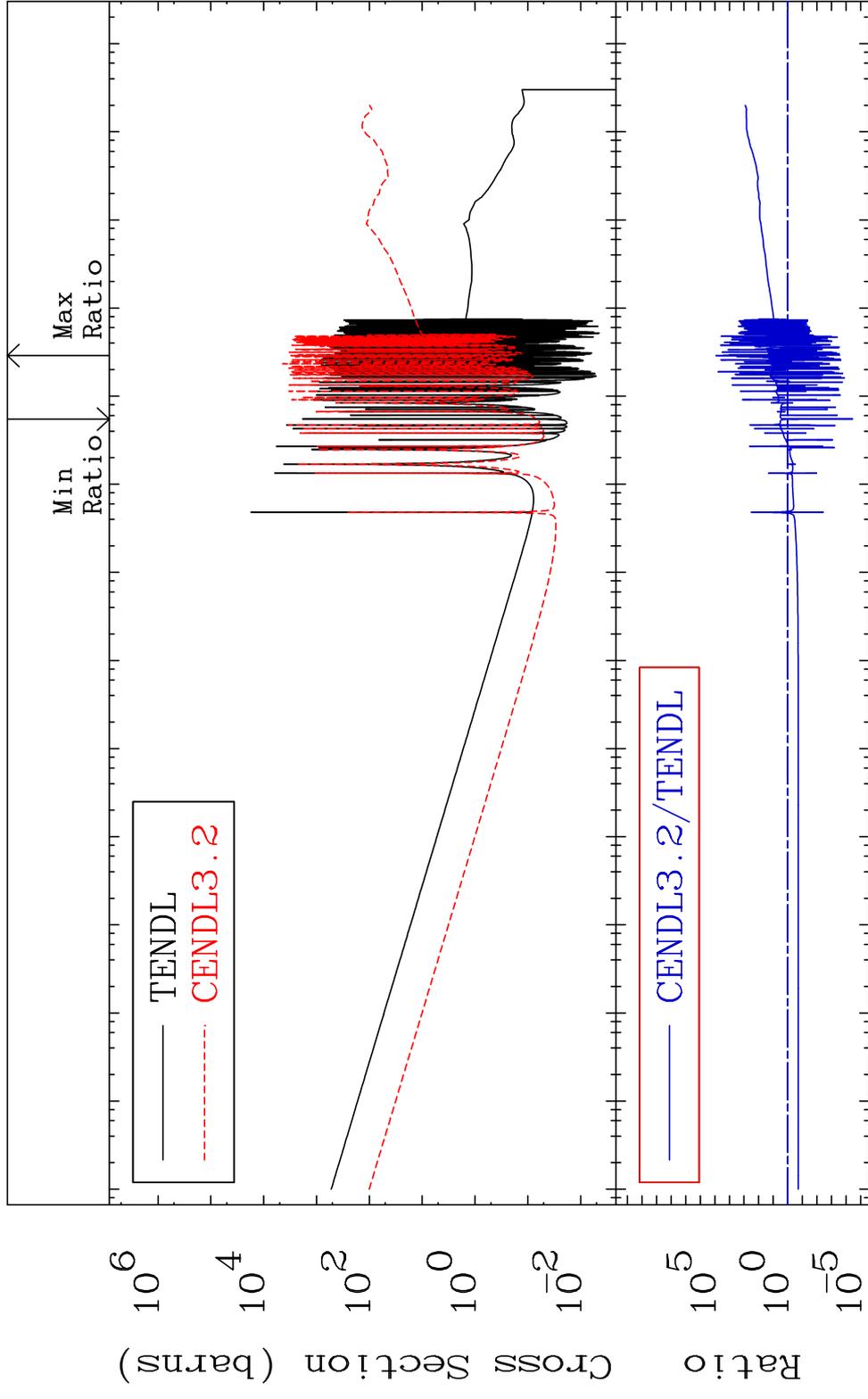


29 Incident Energy (eV) 82-Pb-204

MAT 8225 Kerma fission (mt18 or mt19-20-21-38)82-Pb-204
 Cross Section -100.0 To 723.6 %

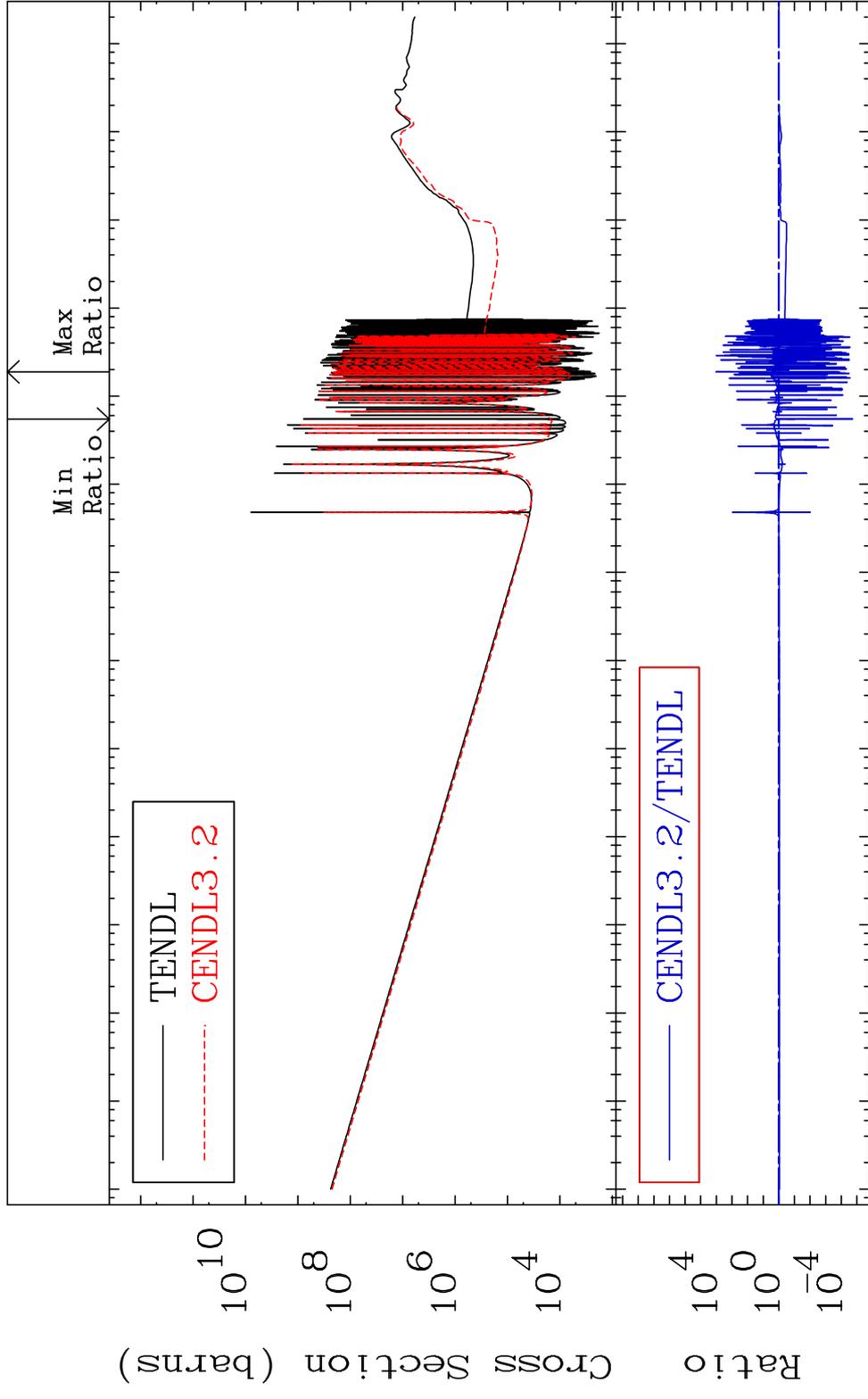


MAT 8225 Kerma capture (mt102) 82-Pb-204
 Cross Section -100.0 To 9999. %

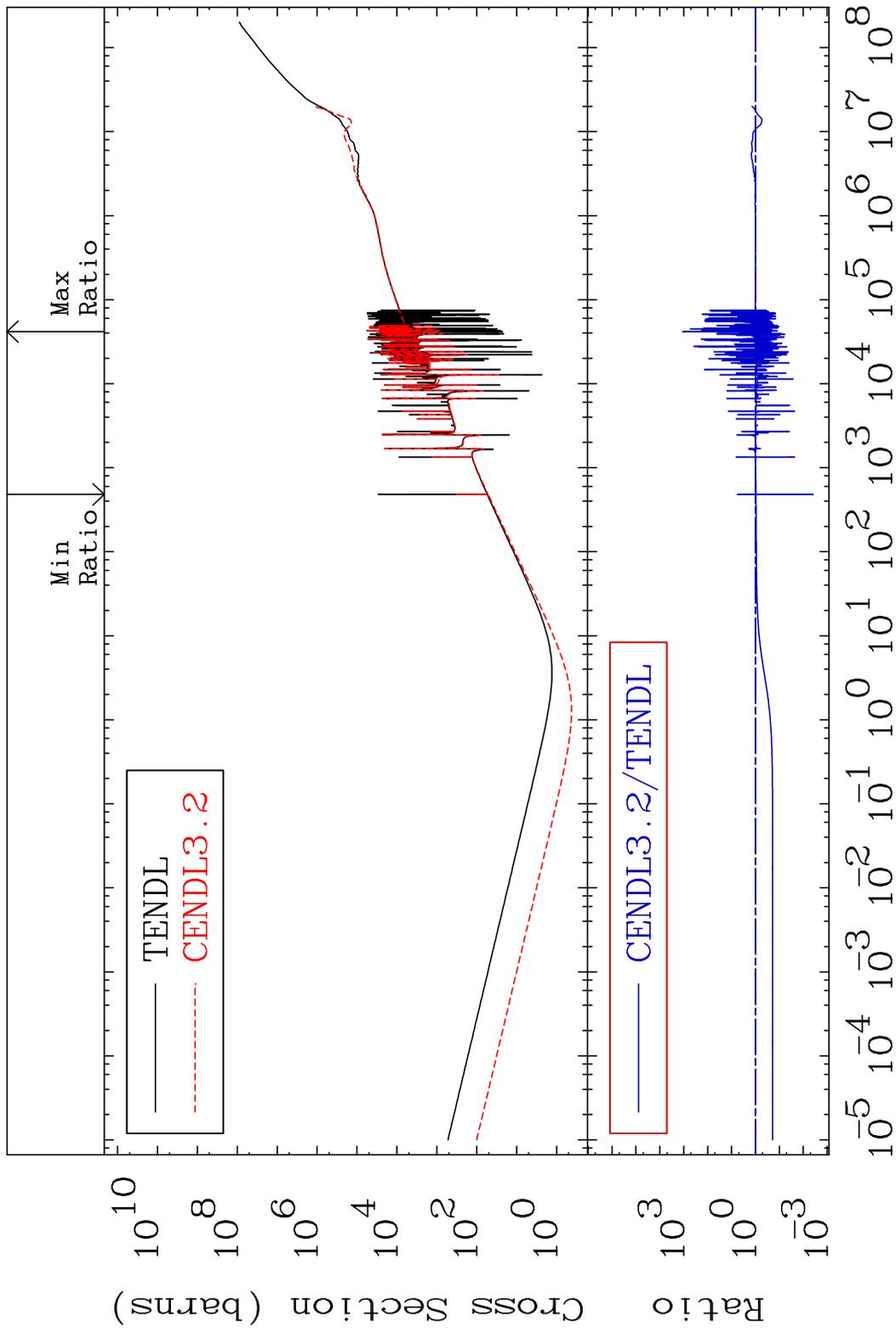


31 Incident Energy (eV) 82-Pb-204

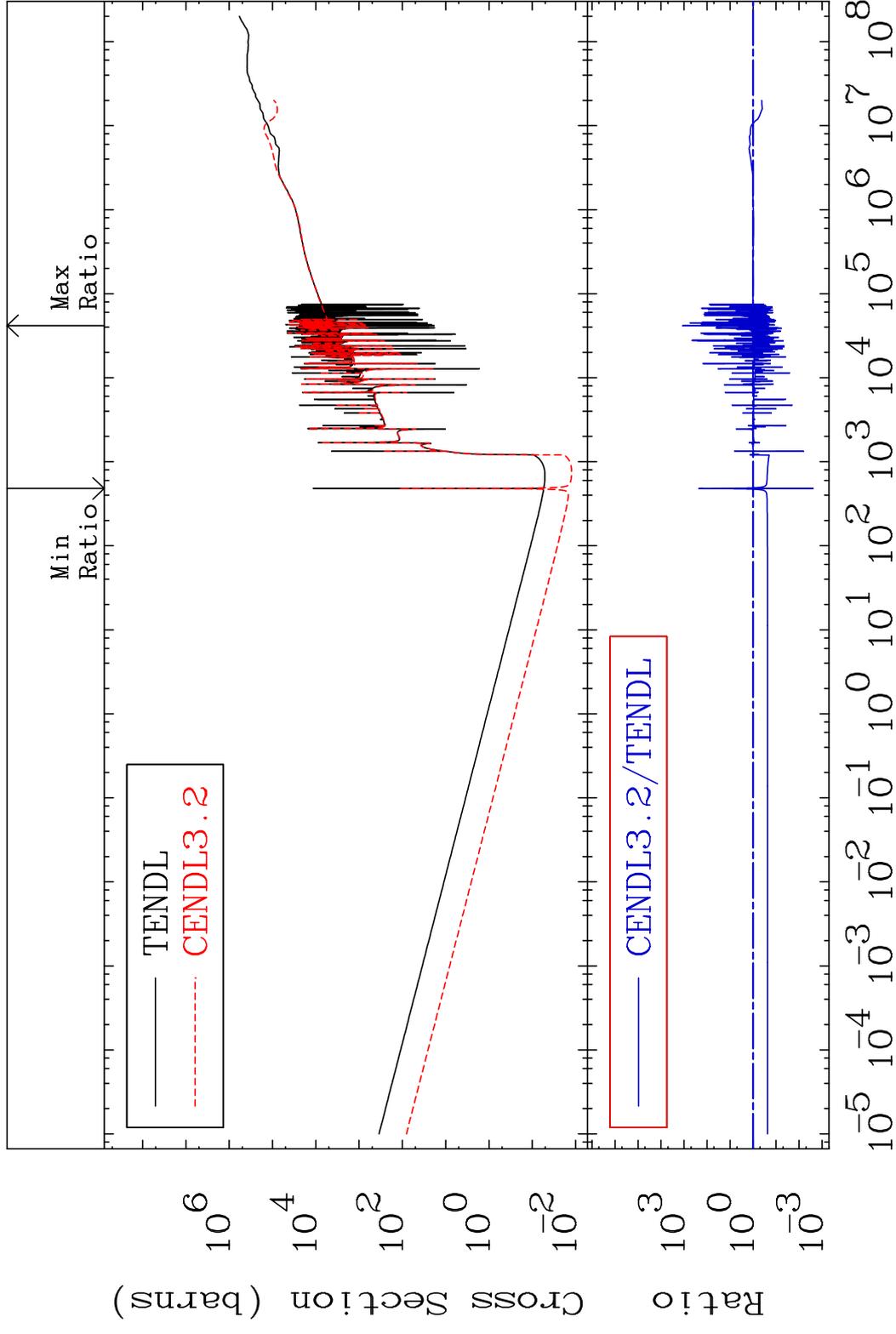
MAT 8225 Total photon (eV-barns) 82-Pb-204
 Cross Section -100.0 To 9999. %



MAT 8225 Total kinematic kerma (high limit) 82-Pb-204
 Cross Section -99.61 To 9999. %



MAT 8225 Dpa total (eV-barns) 82-Pb-204
 Cross Section -99.75 To 9999. %

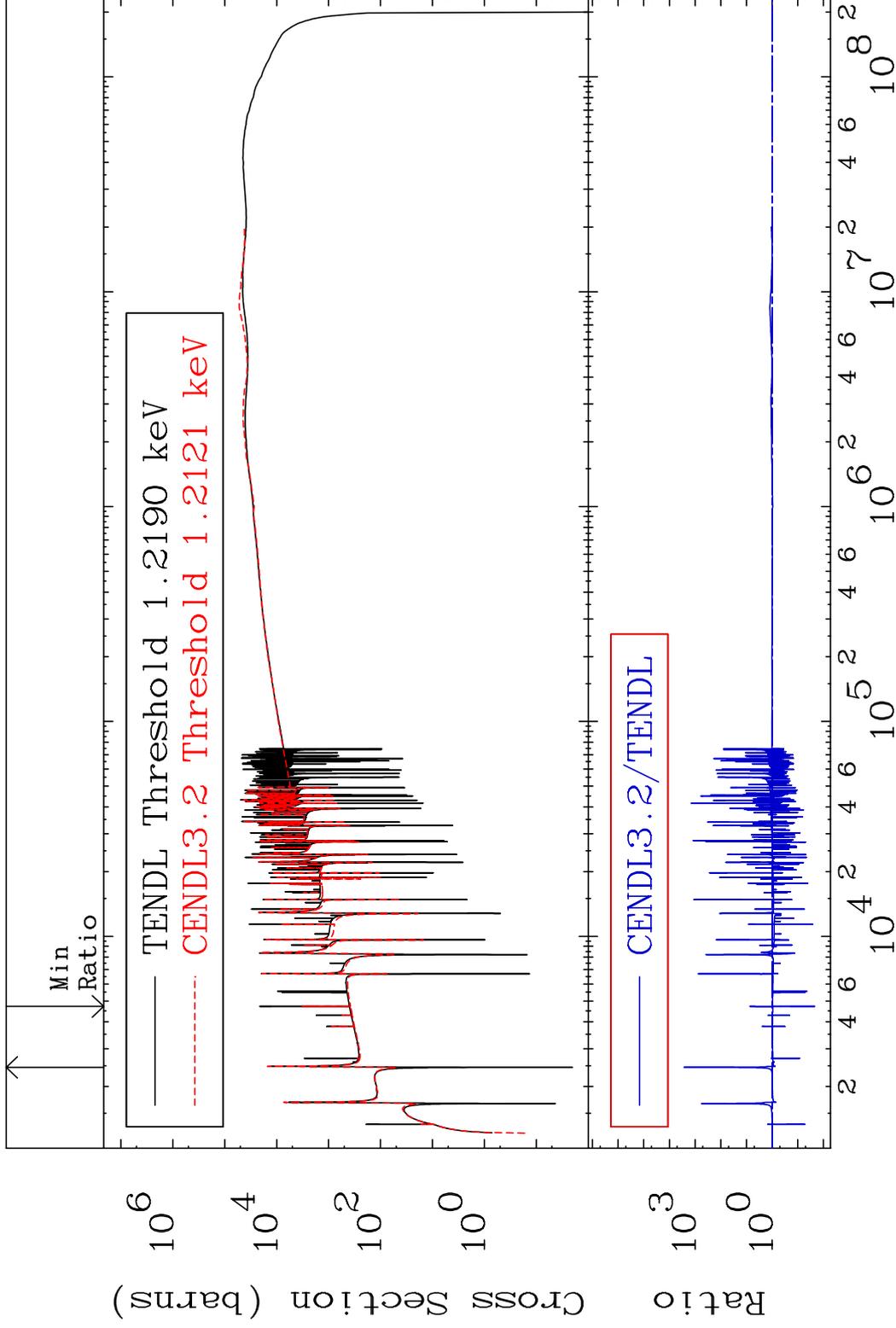


MAT 8225

Dpa elastic (mt2)

82-Pb-204

Cross Section -97.79 To 9999. %

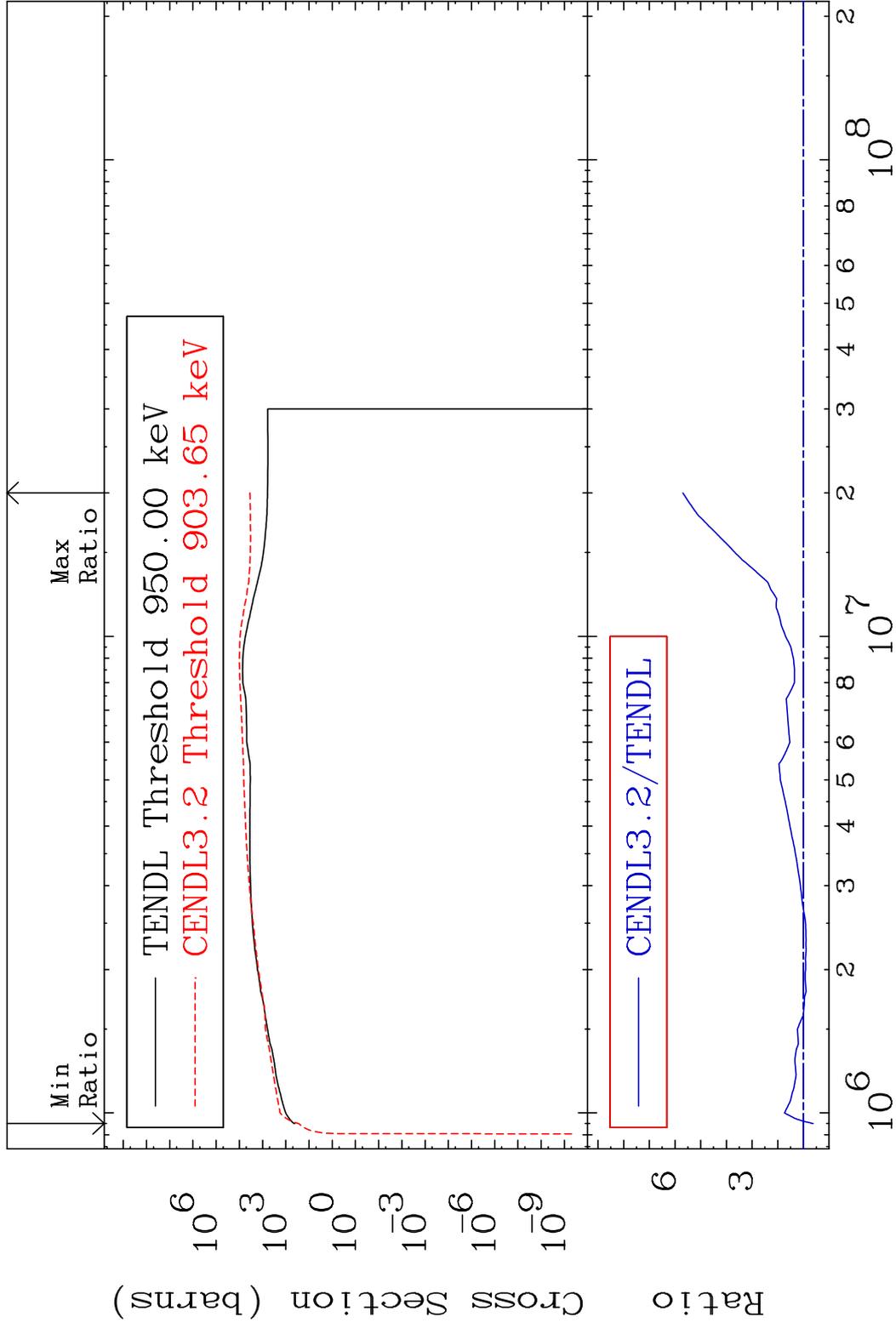


35

Incident Energy (eV)

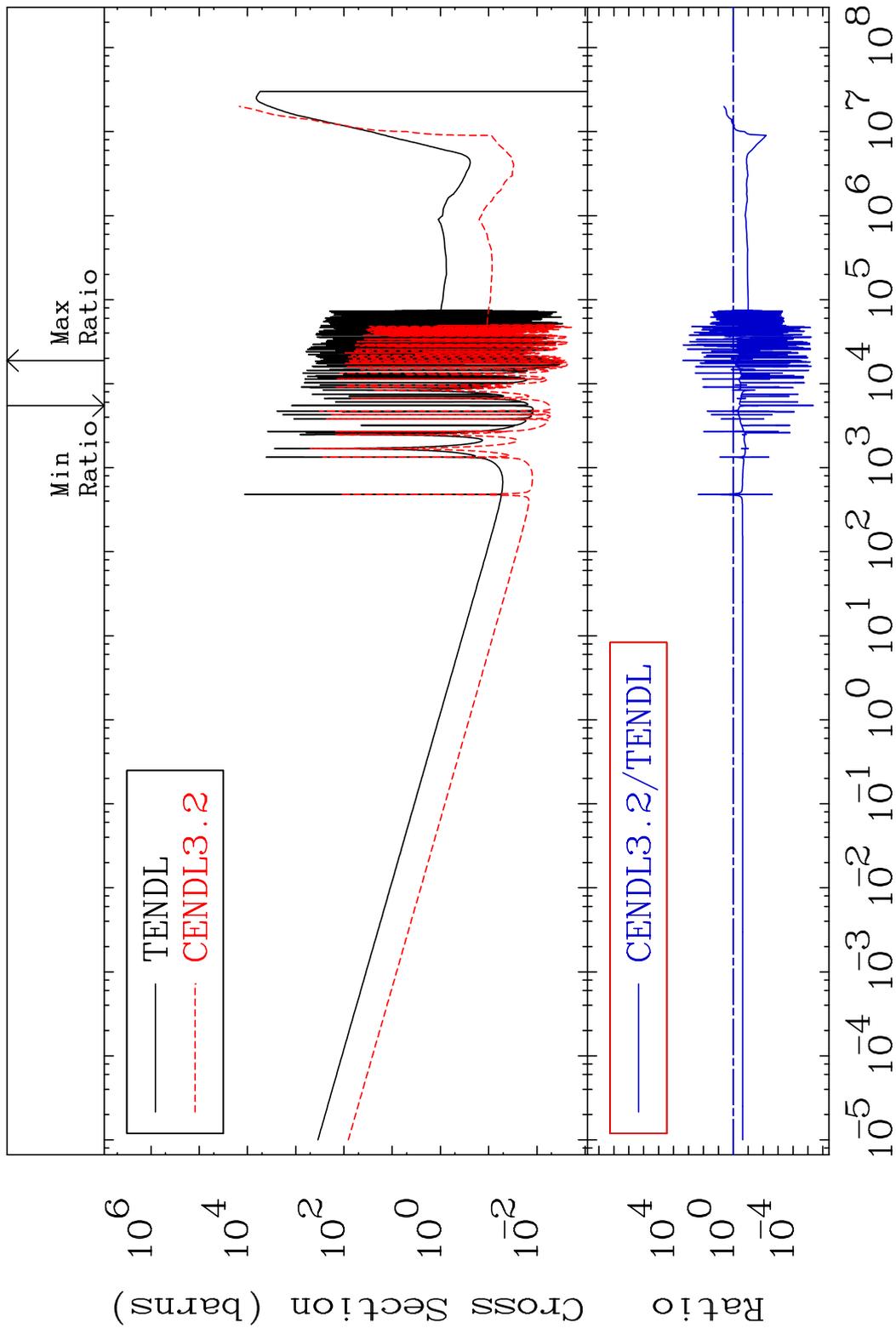
82-Pb-204

MAT 8225 Dpa inelastic (mt51-91) 82-Pb-204
 Cross Section -37.77 To 469.6 %

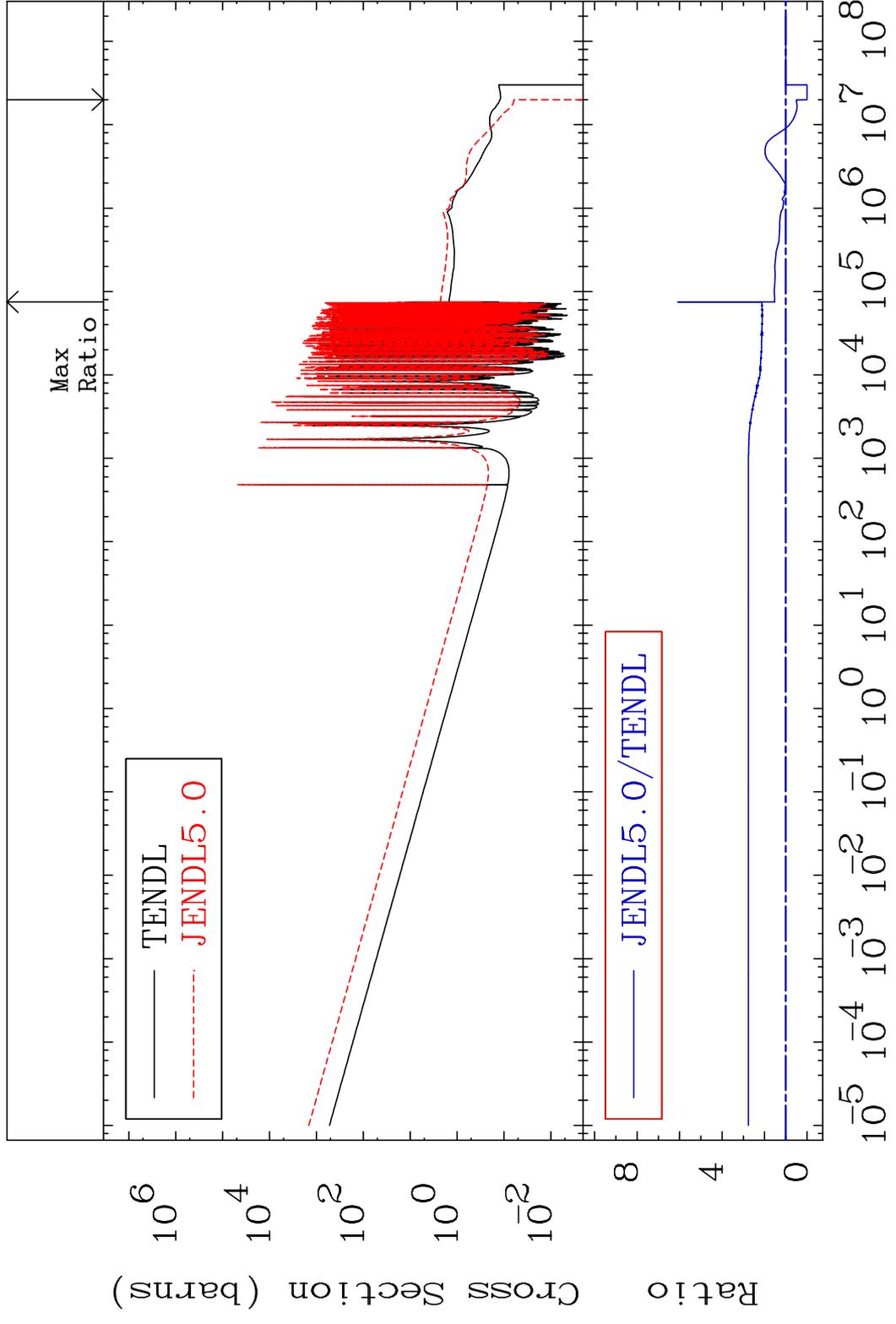


36 Incident Energy (eV) 82-Pb-204

MAT 8225 Dpa disappearance (mt102 -120) 82-Pb-204
 Cross Section -100.0 To 9999. %

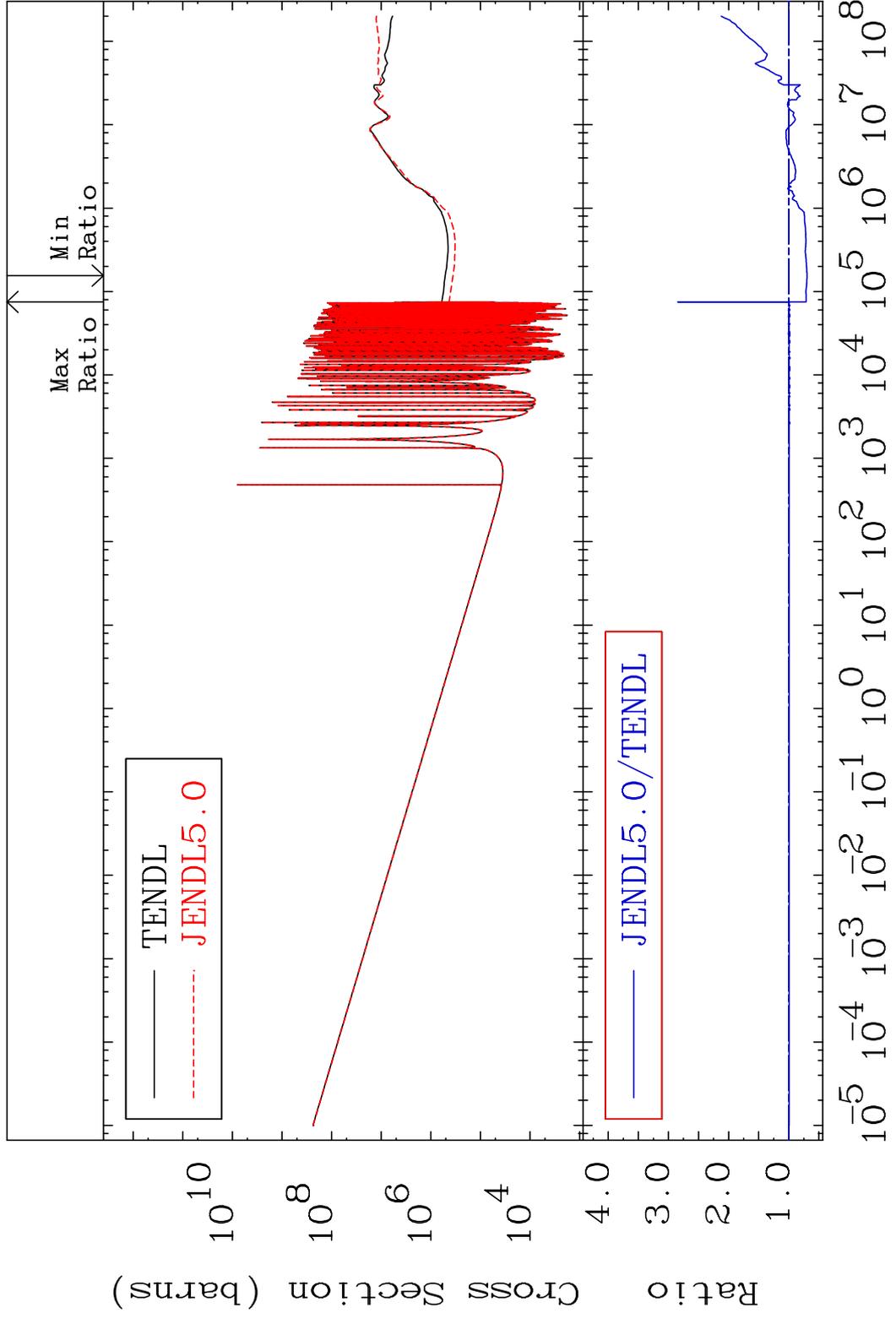


MAT 8225 Kerma capture (mt102) 82-Pb-204
Cross Section -100.0 To 509.0 %



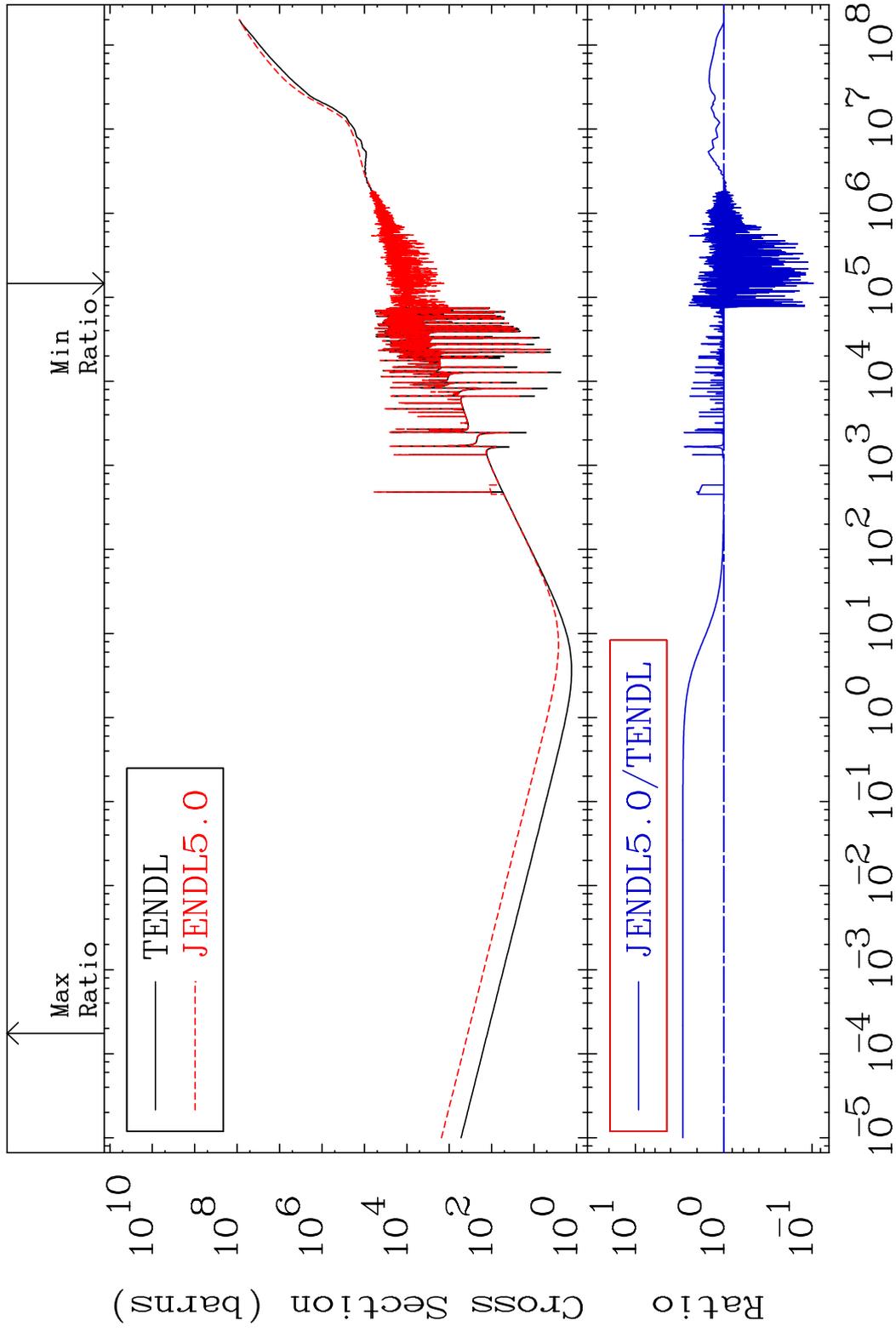
38 Incident Energy (eV) 82-Pb-204

MAT 8225 Total photon (eV-barns) 82-Pb-204
Cross Section -30.38 To 184.6 %

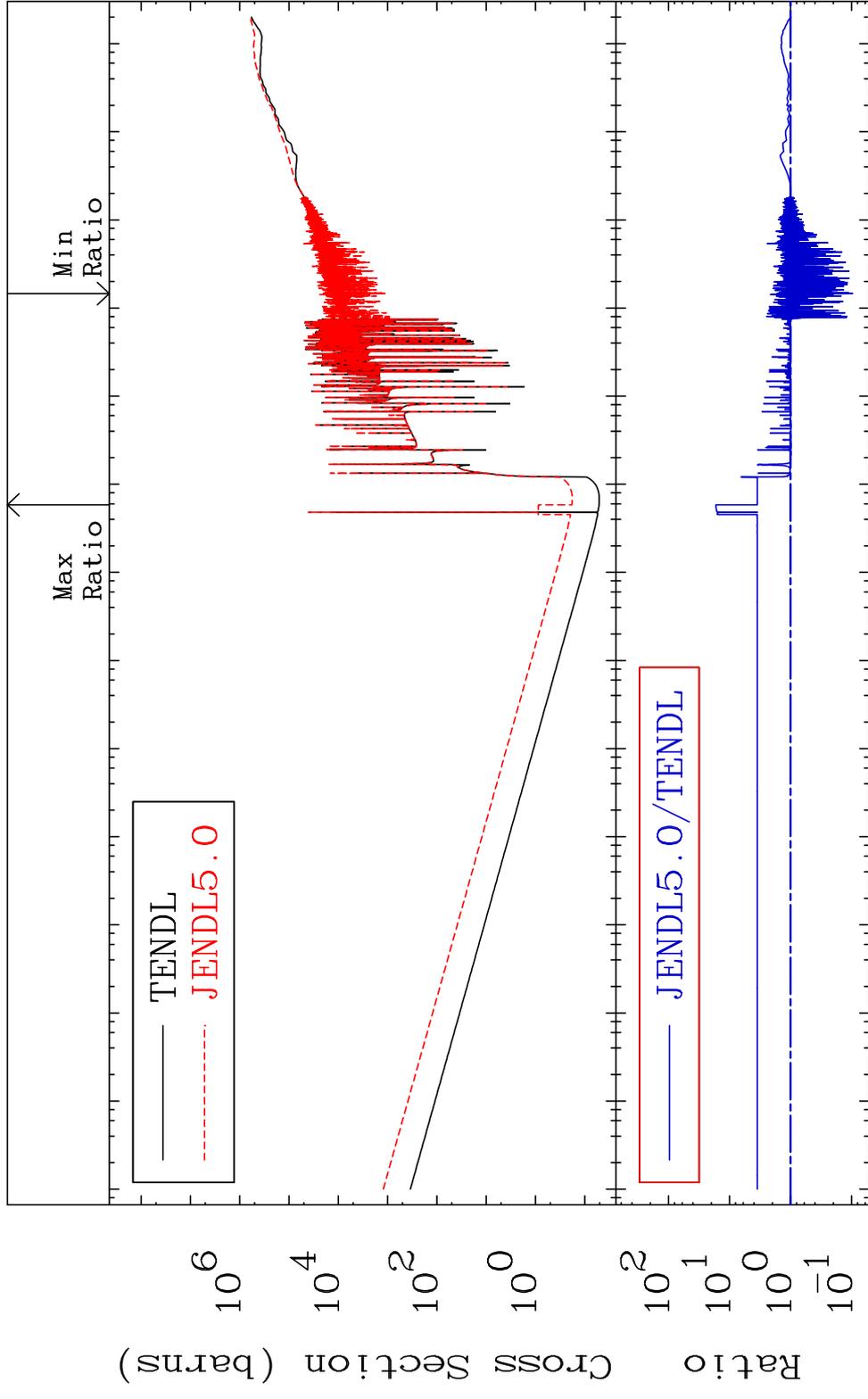


39 Incident Energy (eV) 82-Pb-204

MAT 8225 Total kinematic kerma (high limit) 82-Pb-204
Cross Section -90.30 To 190.3 %



MAT 8225 Dpa total (eV-barns) 82-Pb-204
 Cross Section -90.30 To 1582. %

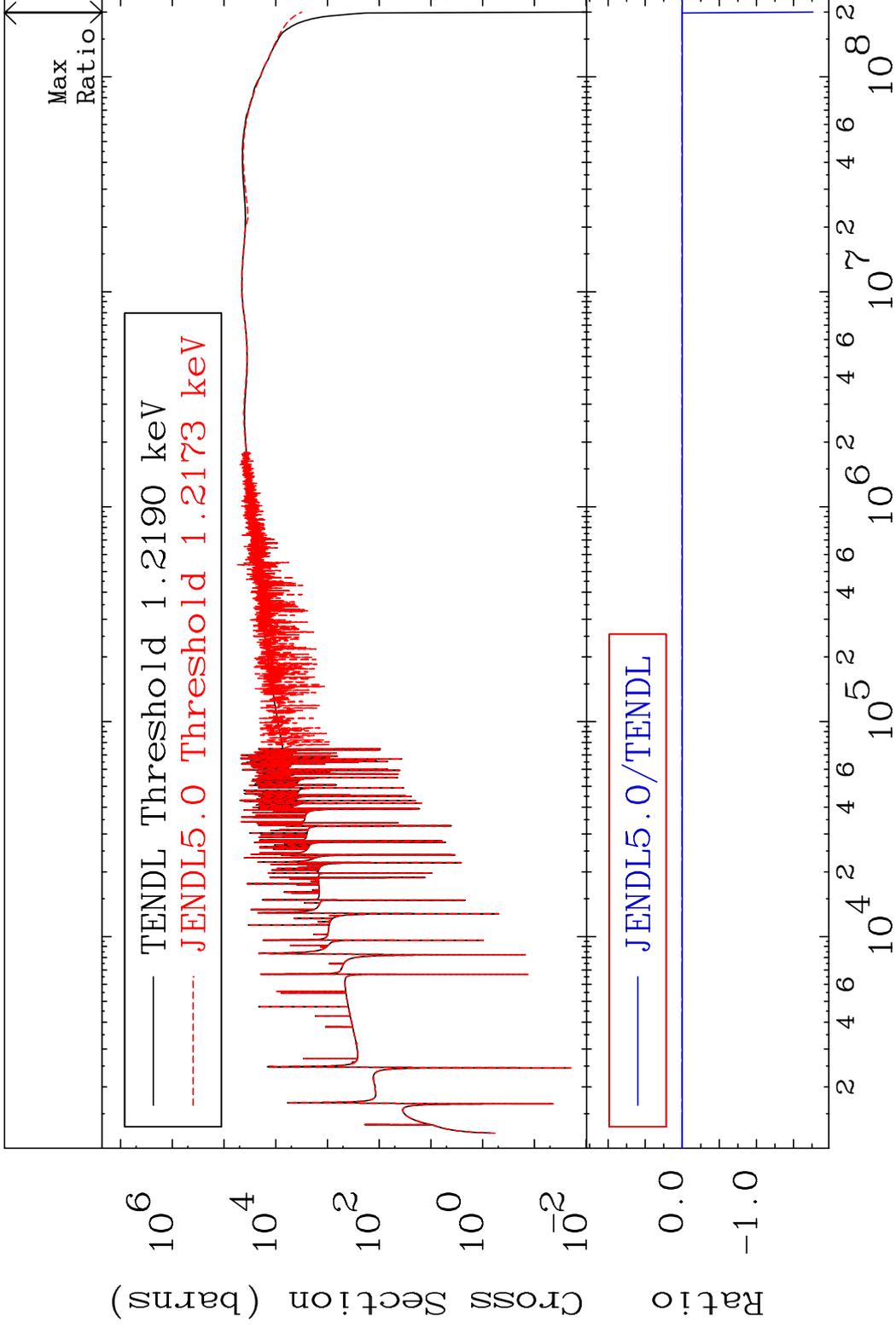


MAT 8225

Dpa elastic (mt2)

82-Pb-204

Cross Section -9999. To 1803. %

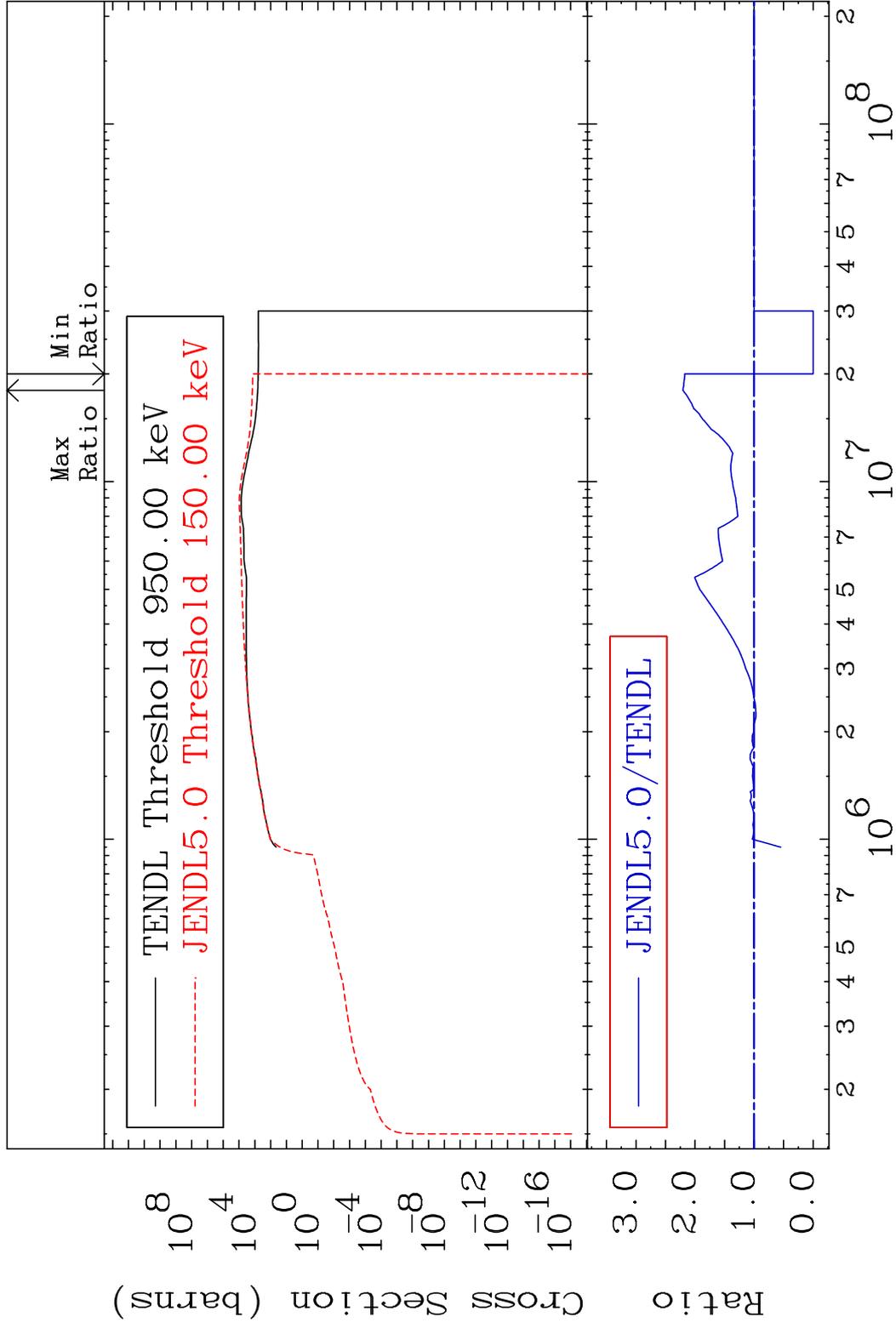


42

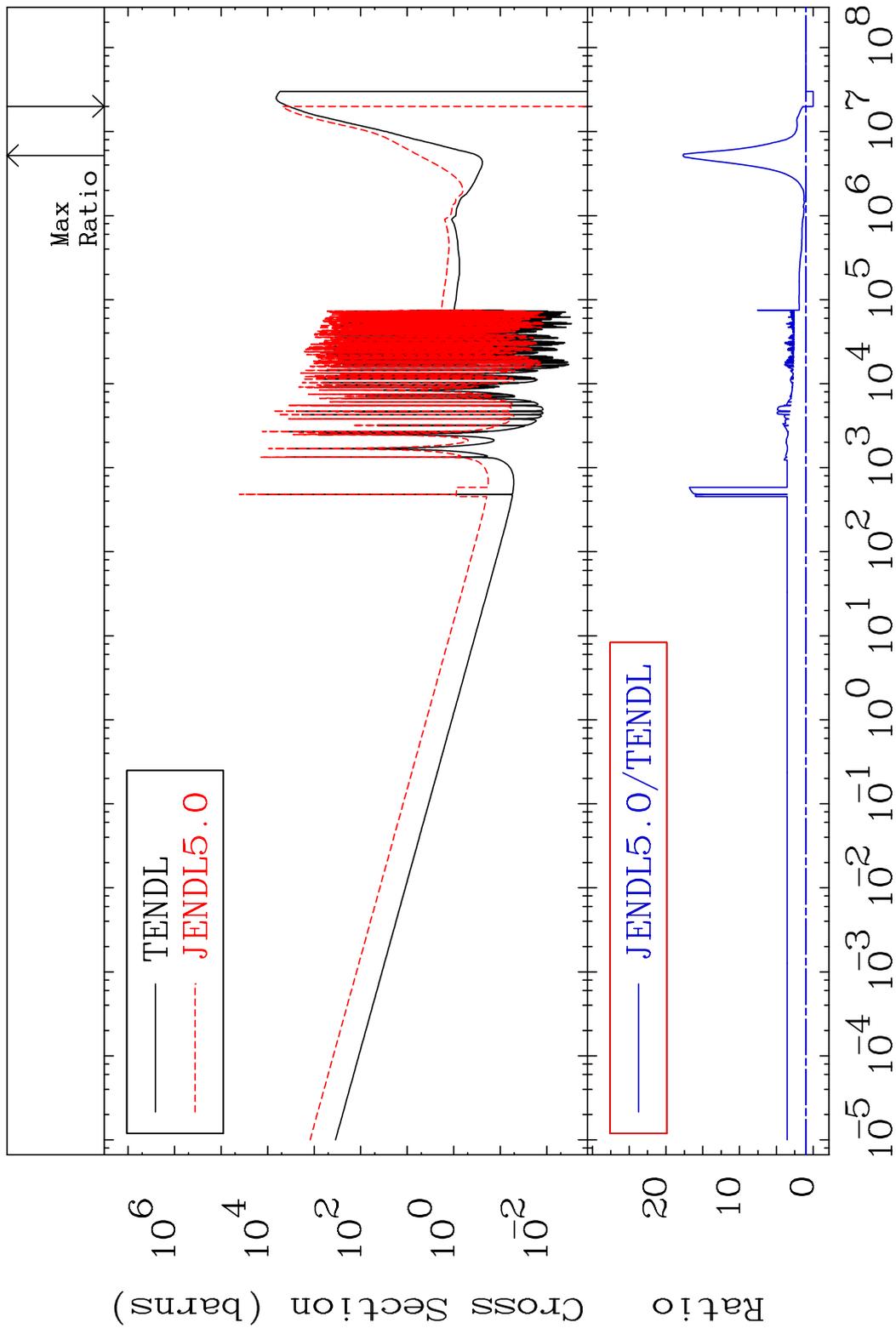
Incident Energy (eV)

82-Pb-204

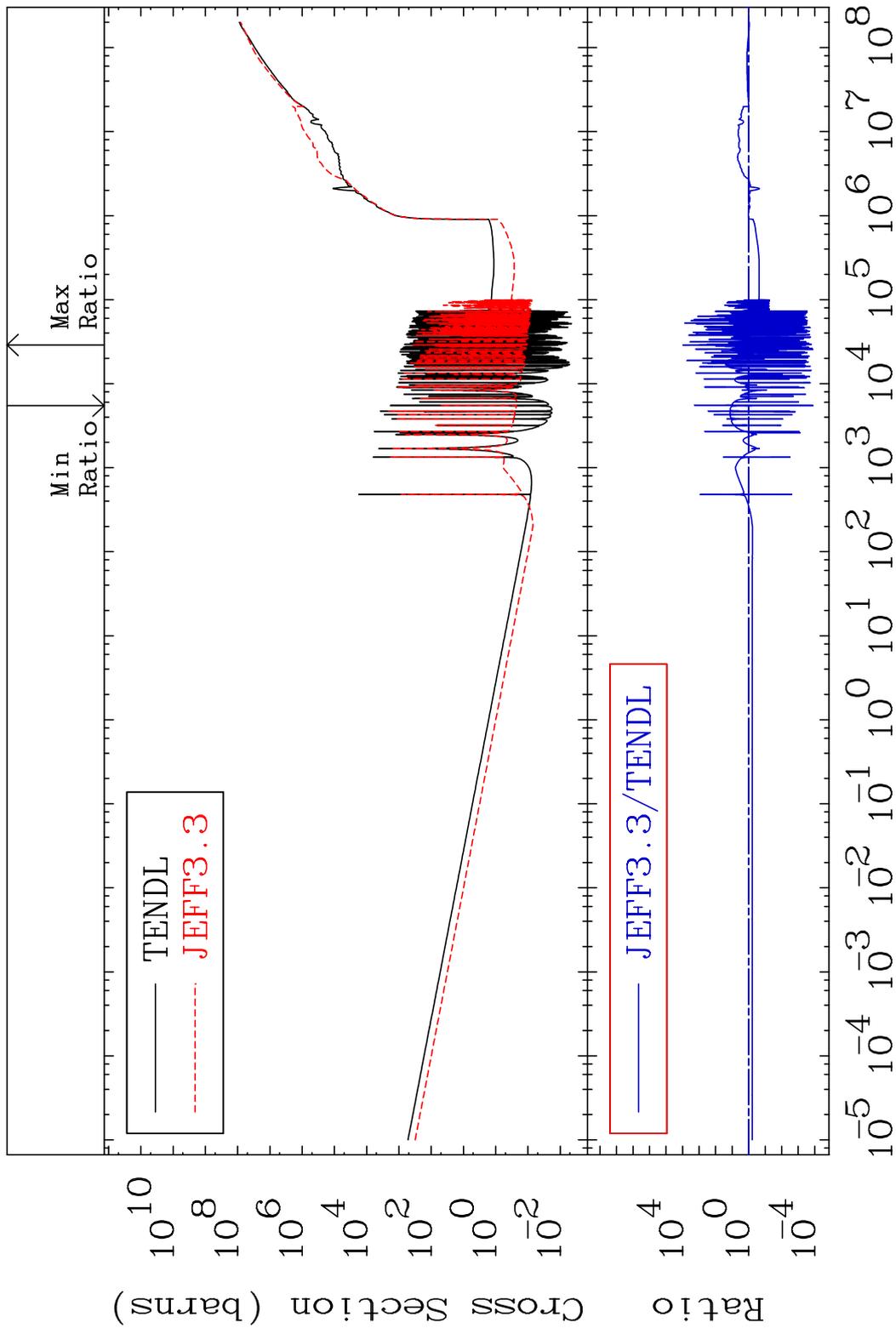
MAT 8225 Dpa inelastic (mt51-91) 82-Pb-204
 Cross Section -100.0 To 120.6 %



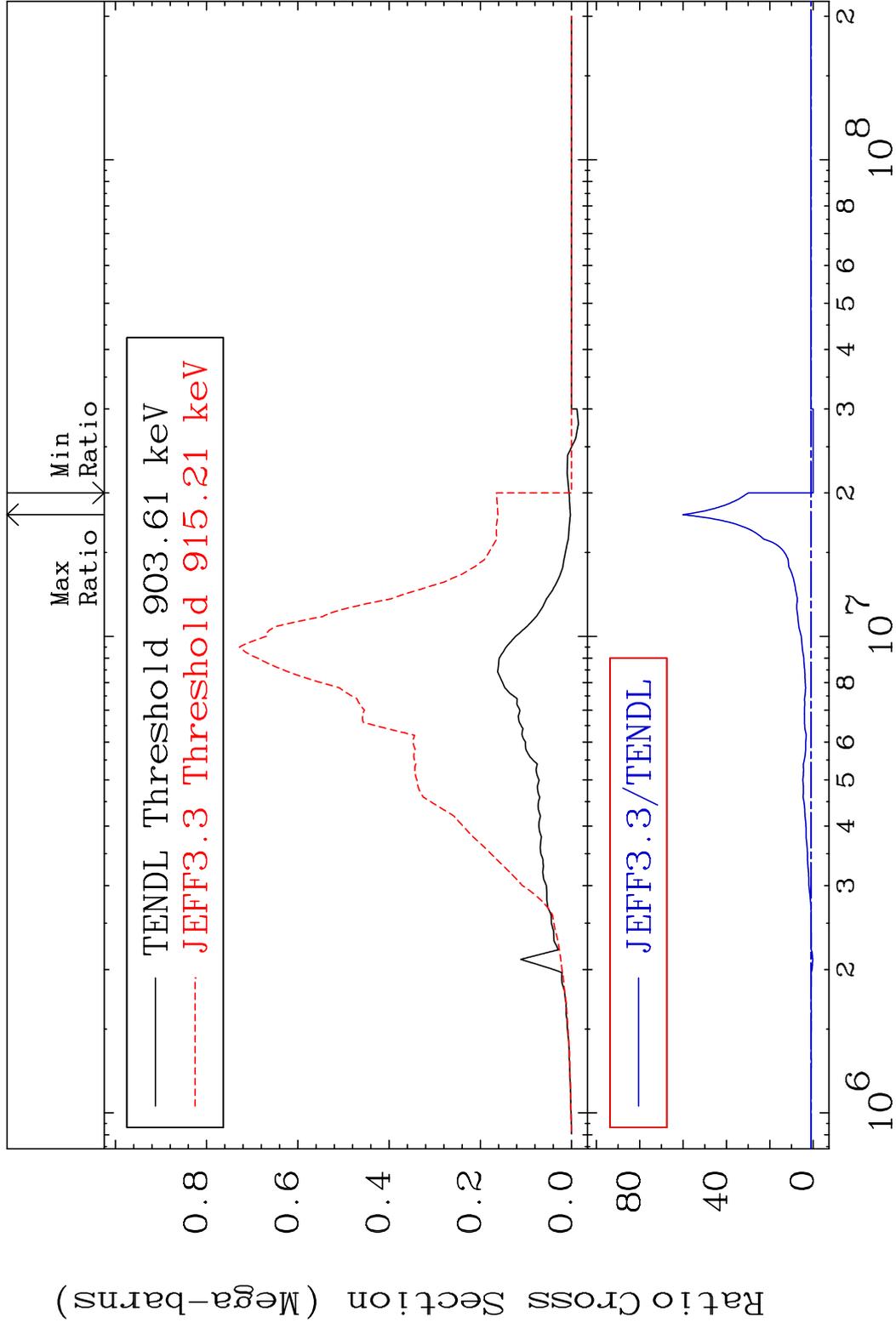
MAT 8225 Dpa disappearance (mt102 -120) 82-Pb-204
 Cross Section -100.0 To 1671. %



MAT 8225 Kerma non-elastic (all but mt2) 82-Pb-204
 Cross Section -99.99 To 9999. %

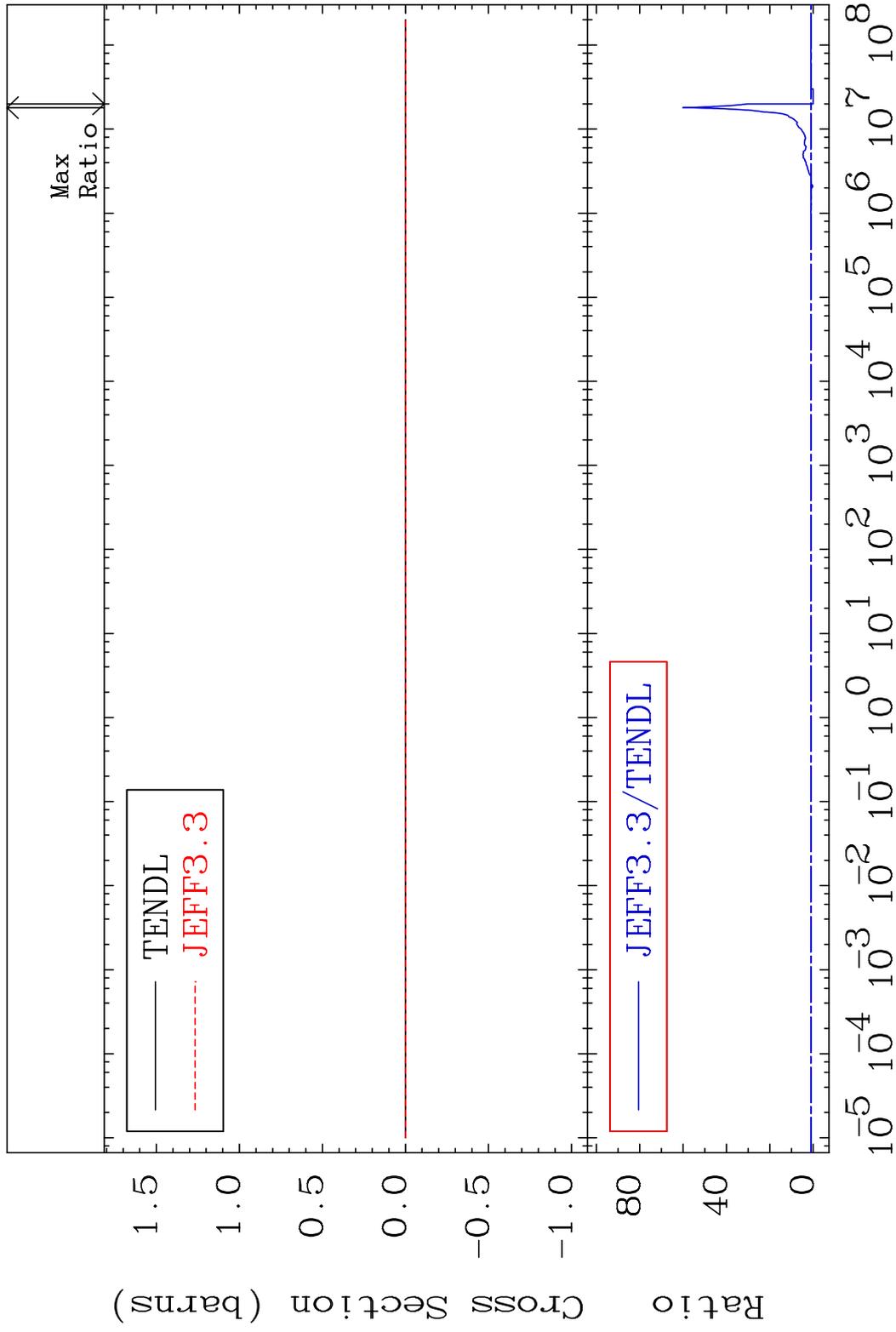


MAT 8225 Kerma inelastic (mt51-91) 82-Pb-204
 Cross Section -100.0 To 5913. %



46 Incident Energy (eV) 82-Pb-204

MAT 8225 Kerma fission (mt18 or mt19-20-21-38) β 2-Pb-204
 Cross Section -100.0 To 5913. %

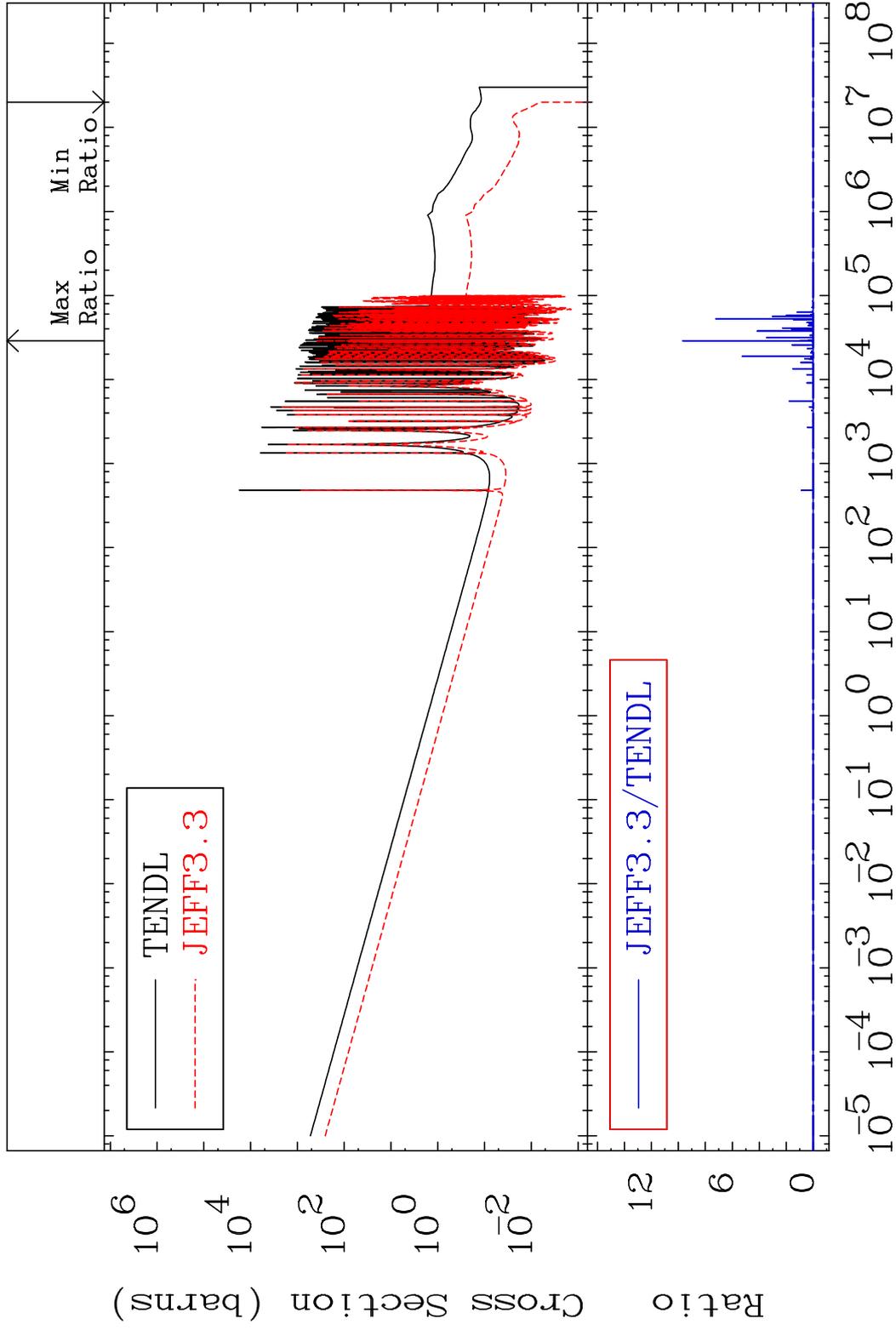


MAT 8225

Kerma capture (mt102)

82-Pb-204

Cross Section -100.0 To 9999. %

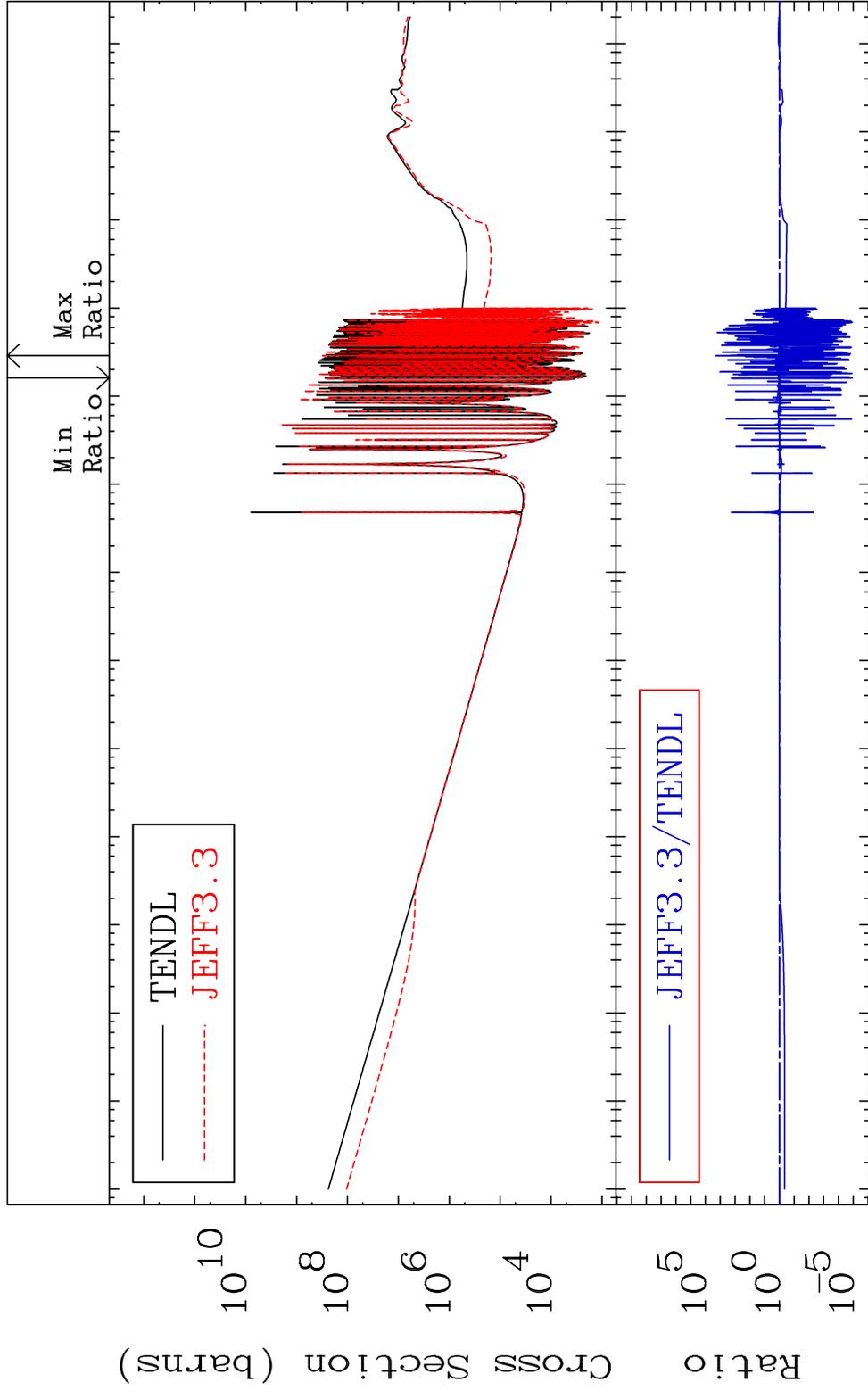


48

Incident Energy (eV)

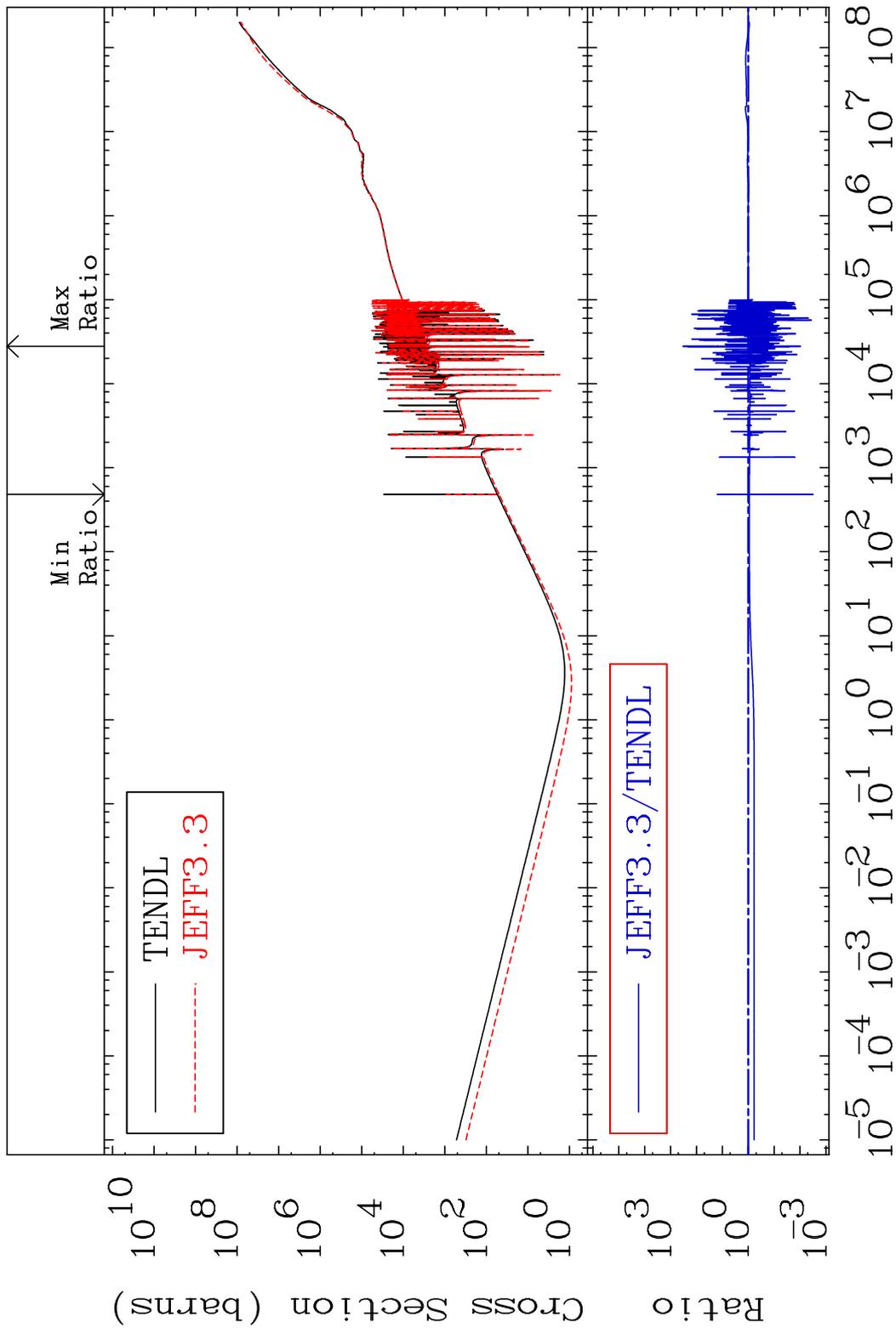
82-Pb-204

MAT 8225 Total photon (eV-barns) 82-Pb-204
Cross Section -100.0 To 9999. %

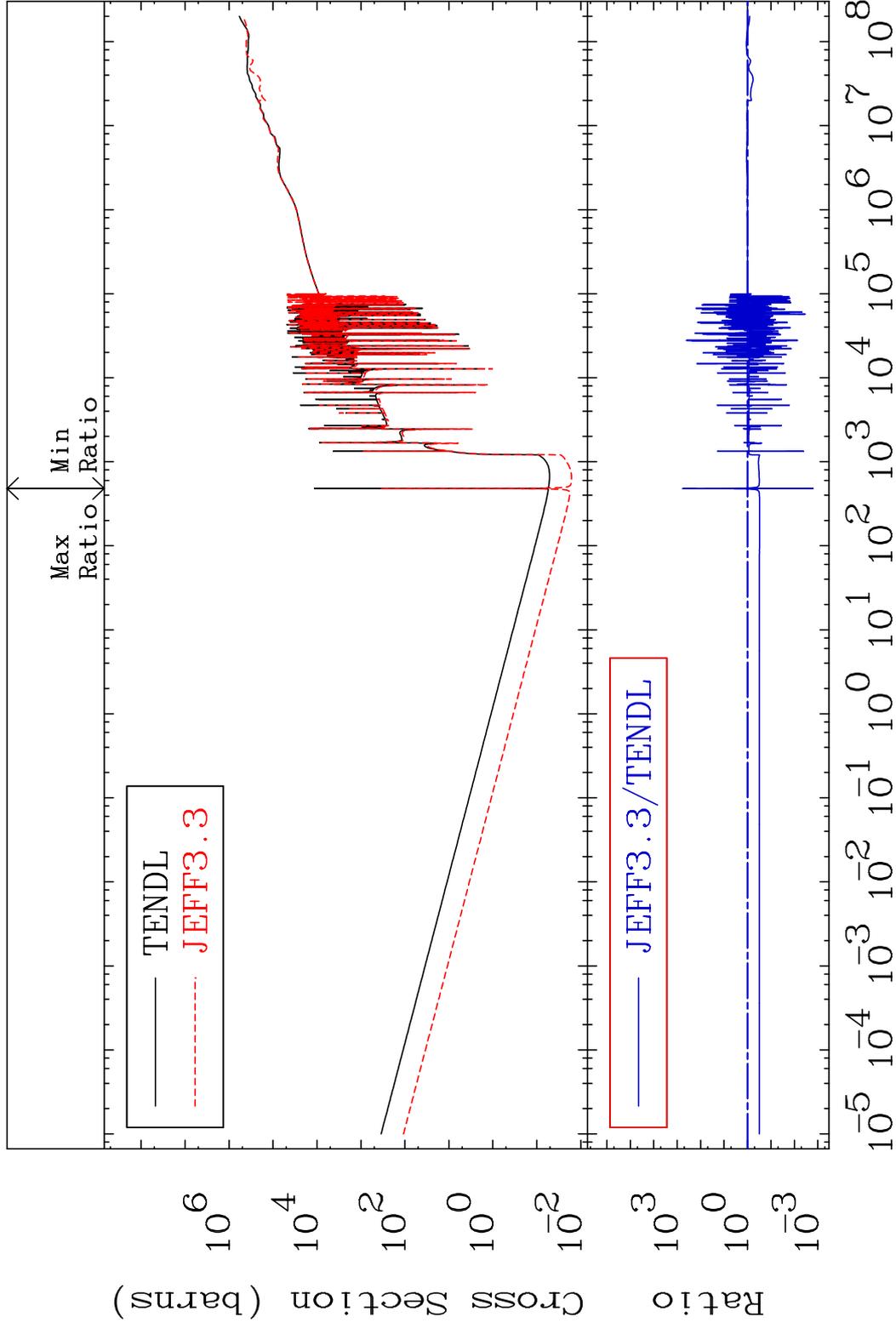


49 Incident Energy (eV) 82-Pb-204

MAT 8225 Total kinematic kerma (high limit) 82-Pb-204
Cross Section -99.69 To 9999. %



MAT 8225 Dpa total (eV-barns) 82-Pb-204
 Cross Section -99.84 To 9999. %

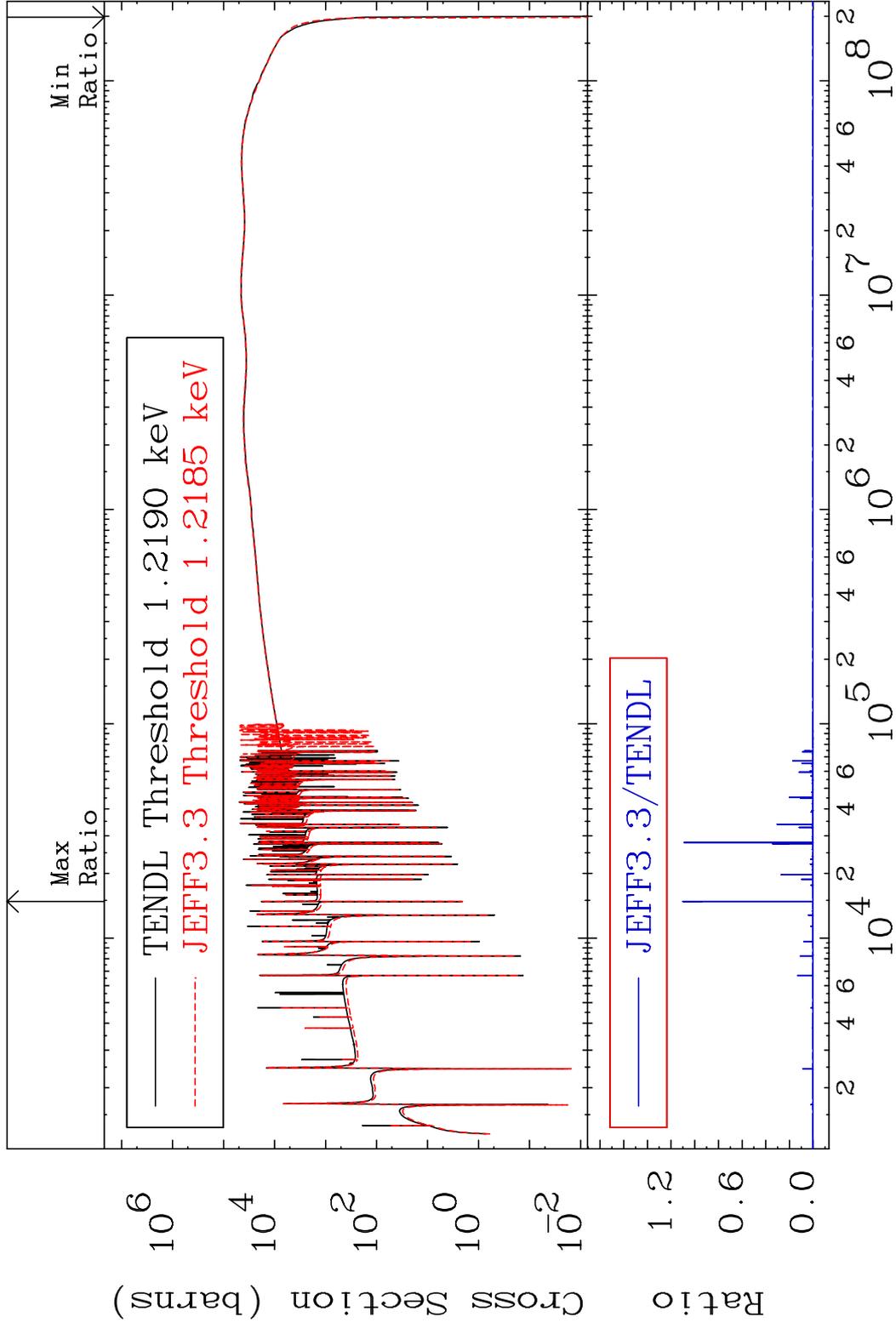


MAT 8225

Dpa elastic (mt2)

82-Pb-204

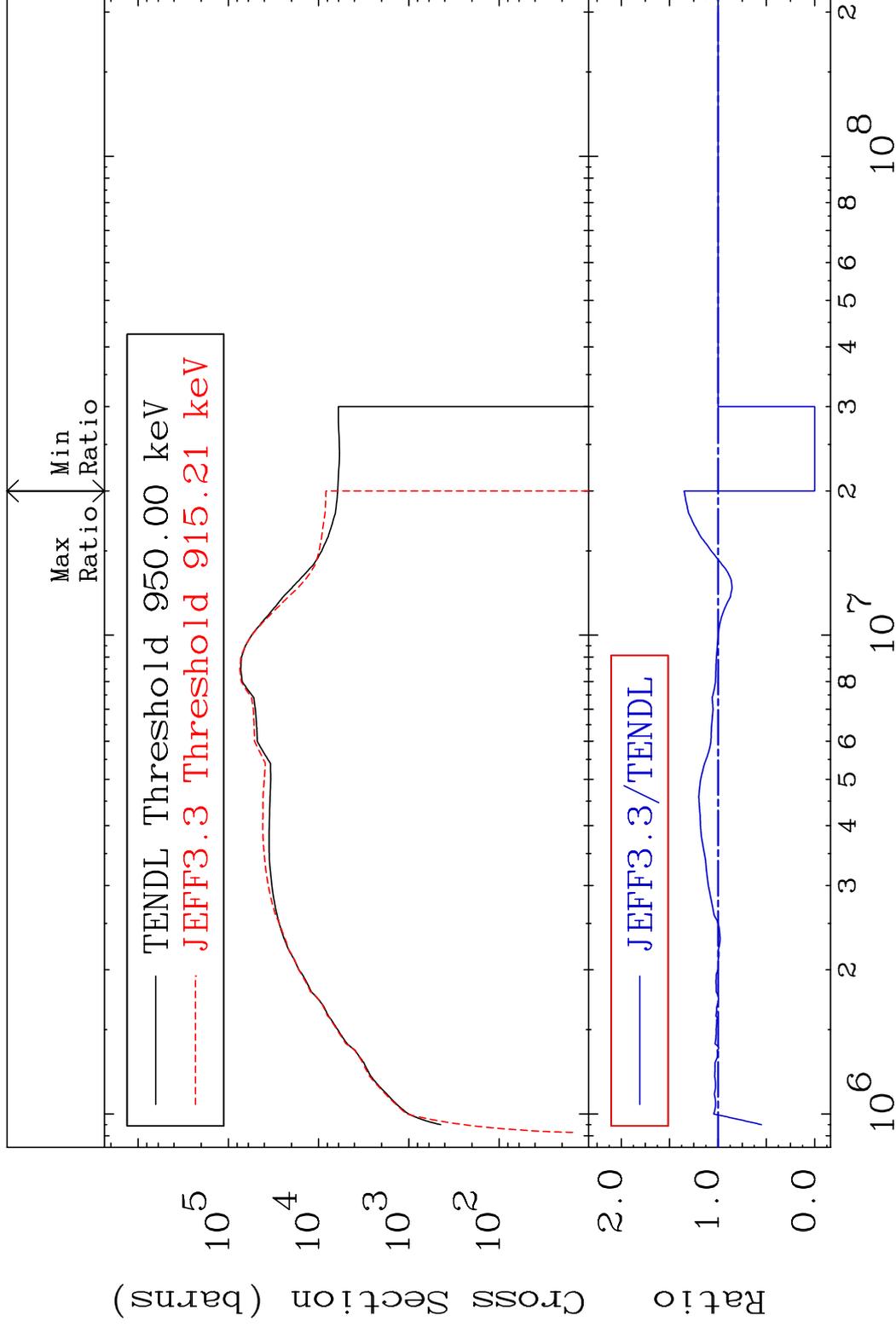
Cross Section -100.0 To 9999. %



MAT 8225

Dpa inelastic (mt51-91) 82-Pb-204

Cross Section -100.0 To 34.96 %

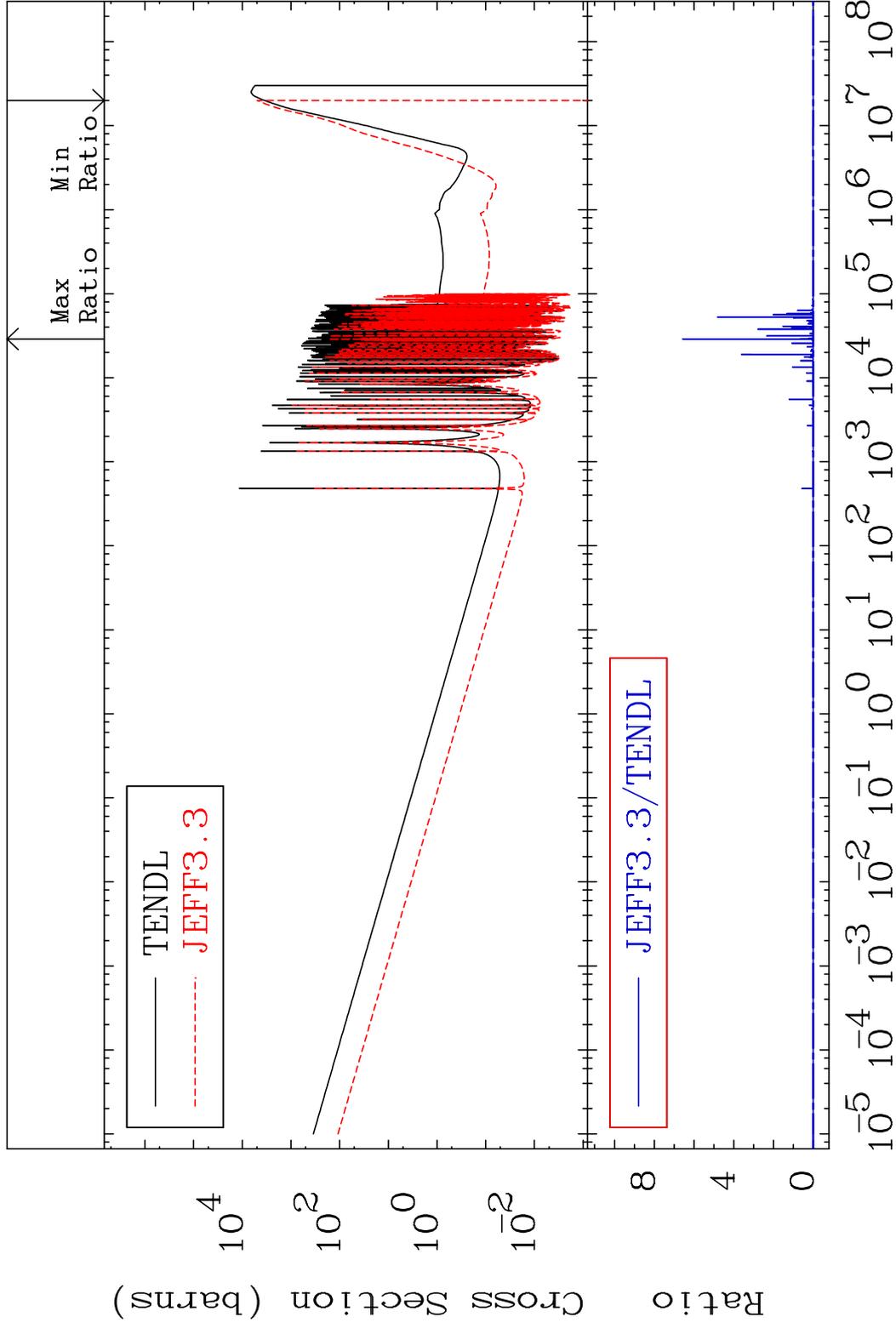


53

Incident Energy (eV)

82-Pb-204

MAT 8225 Dpa disappearance (mt102 -120) 82-Pb-204
 Cross Section -100.0 To 9999. %



MAT 8225 (n,2n):82-Pb-203g 82-Pb-204
 Radionuclide Production Cross Section Ratio 22.79 %

