

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

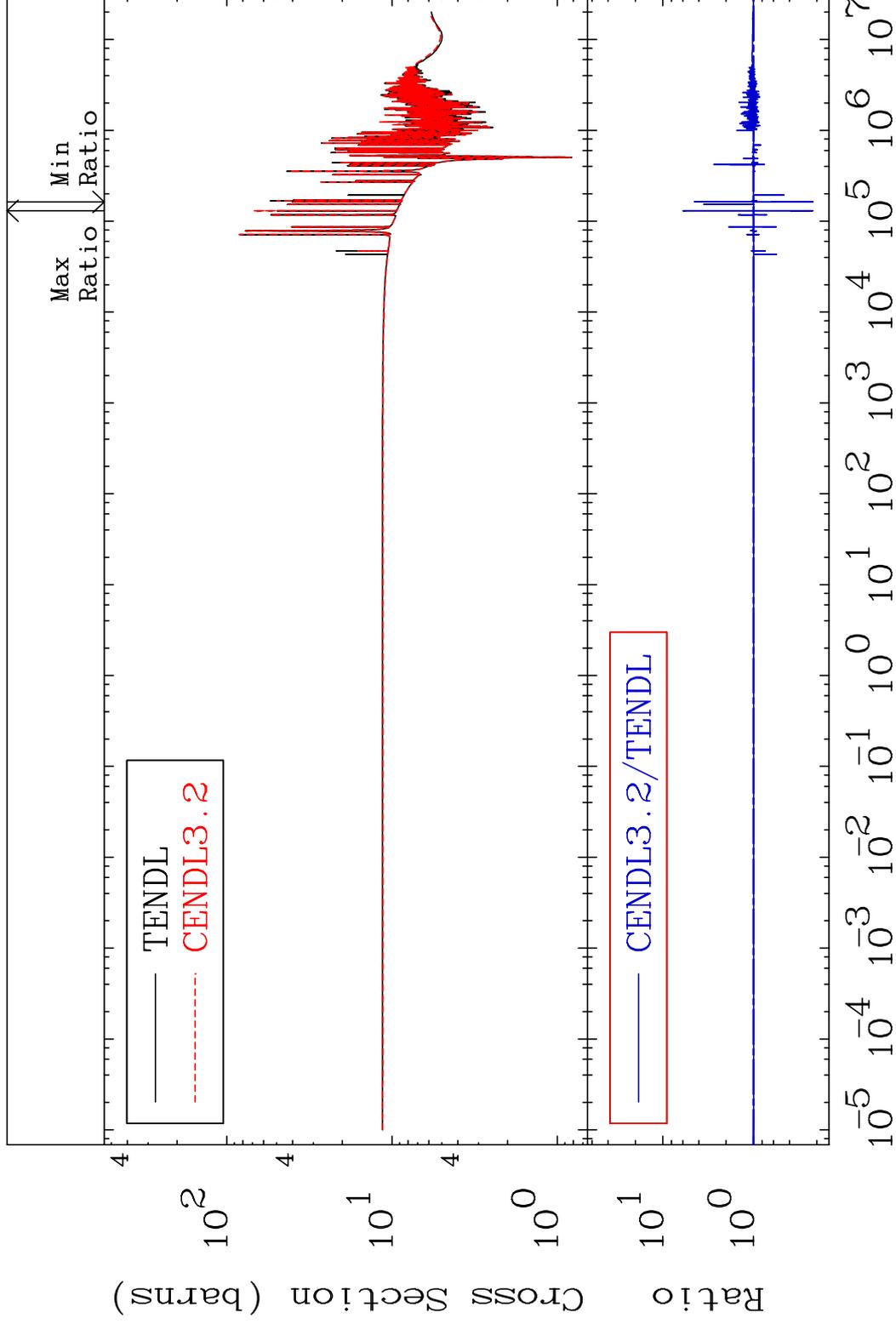
MAT 8237

Total

82-Pb-208

Cross Section

-78.08 To 499.6 %



1

Incident Energy (eV)

82-Pb-208

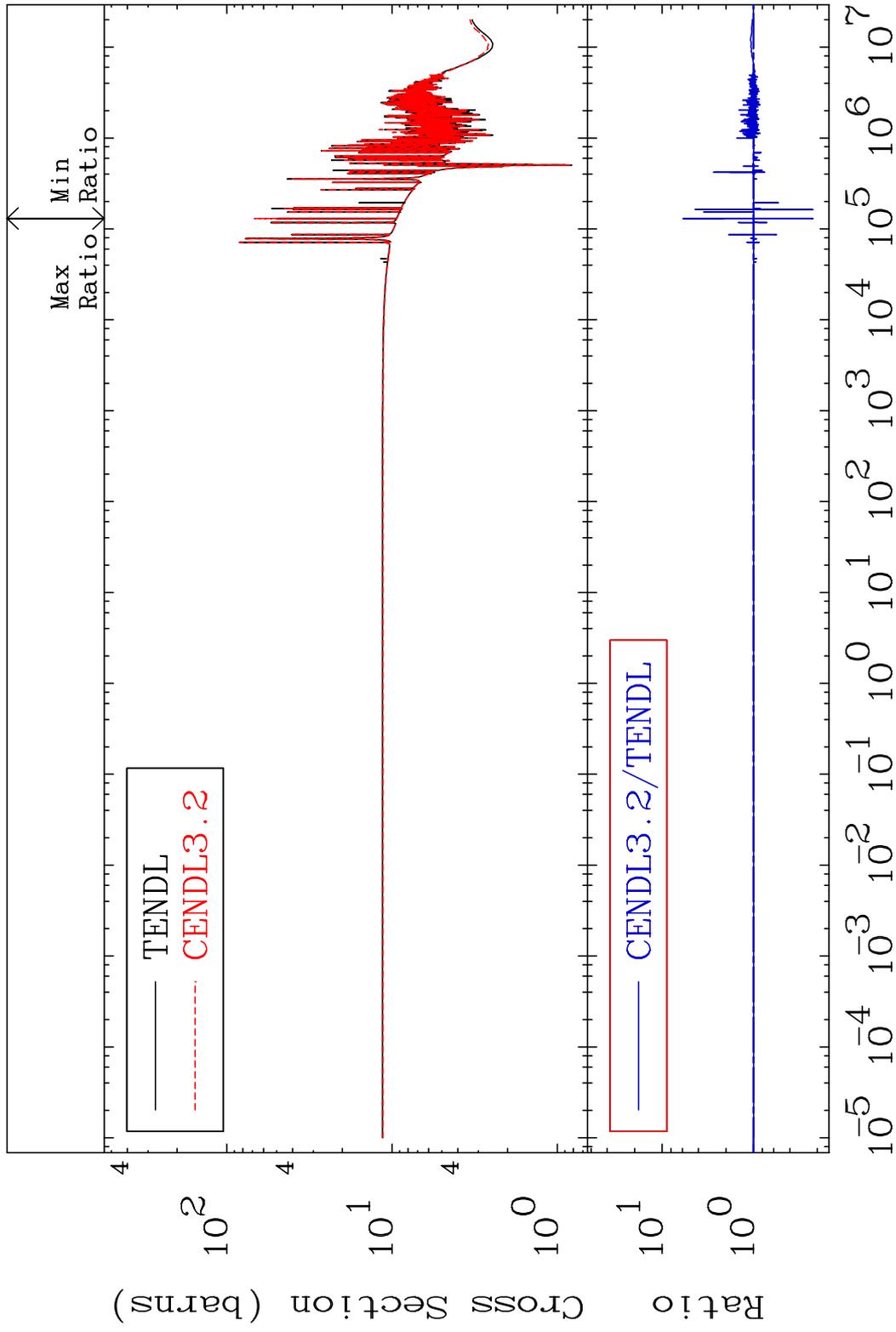
MAT 8237

Elastic

82-Pb-208

Cross Section

-77.79 To 493.7 %



2

Incident Energy (eV)

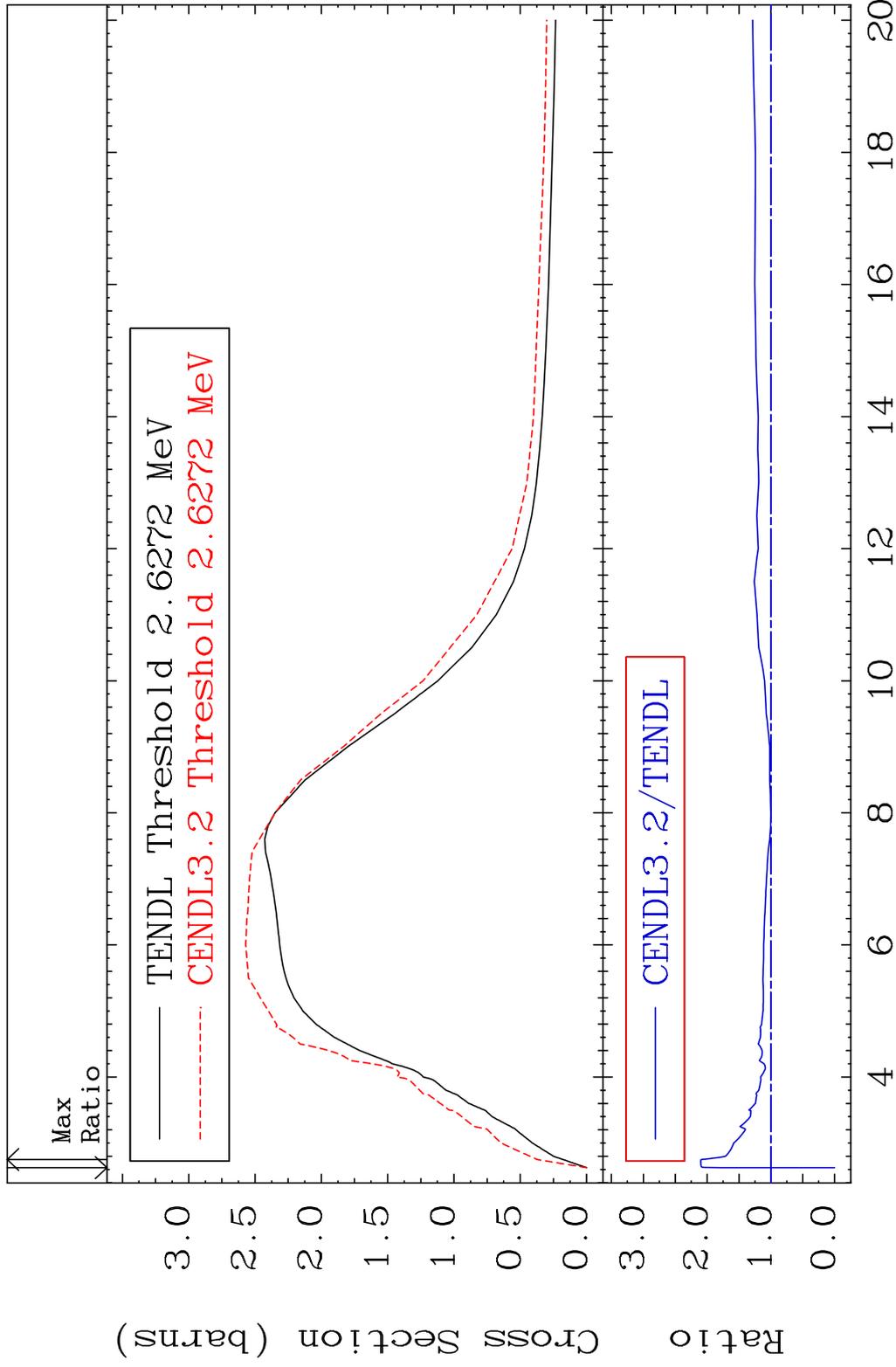
82-Pb-208

MAT 8237

Inelastic

82-Pb-208

Cross Section -100.0 To 109.8 %



3

Incident Energy (MeV)

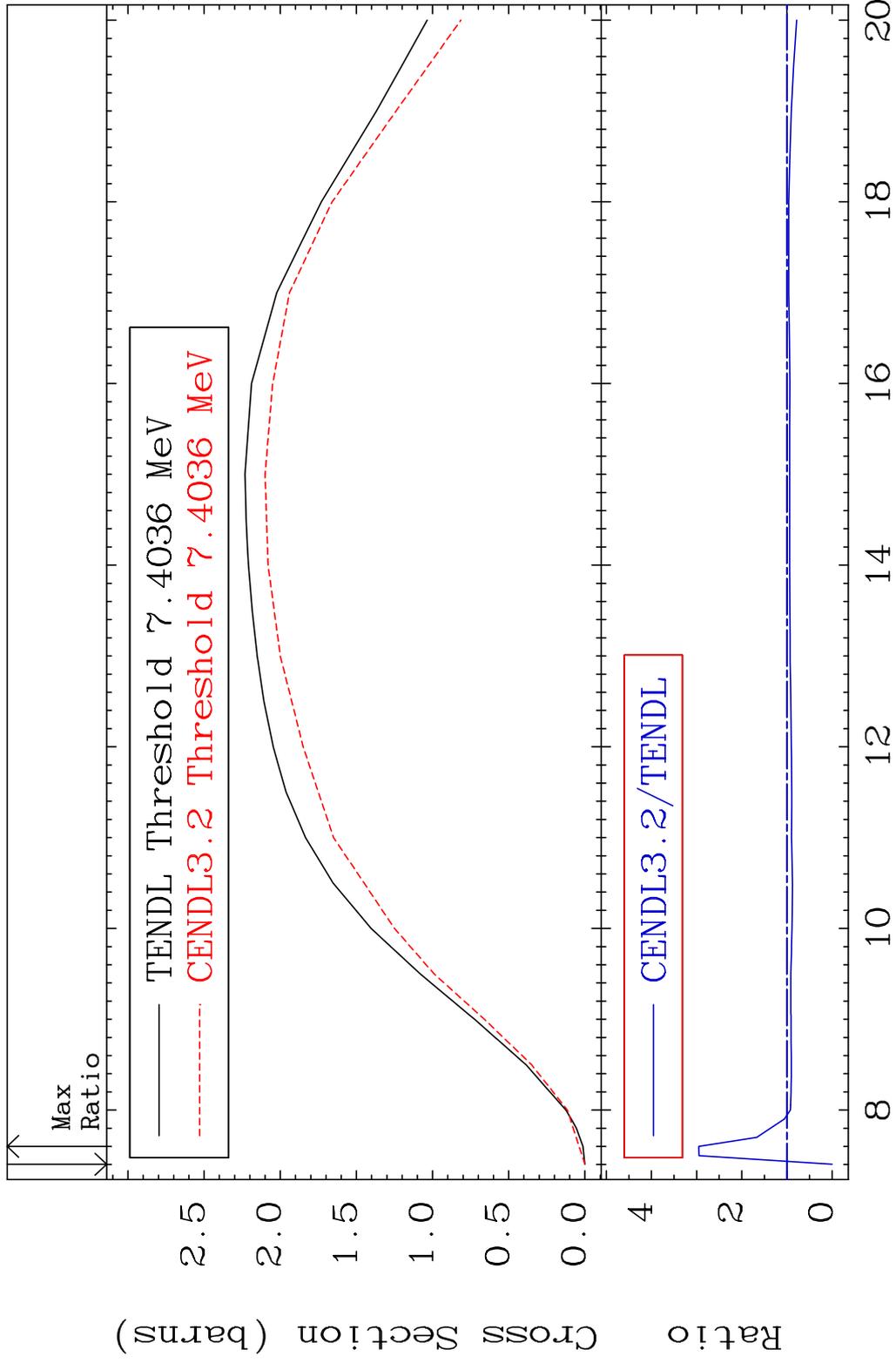
82-Pb-208

MAT 8237

(n,2n)

82-Pb-208

Cross Section -100.0 To 195.3 %



4

Incident Energy (MeV)

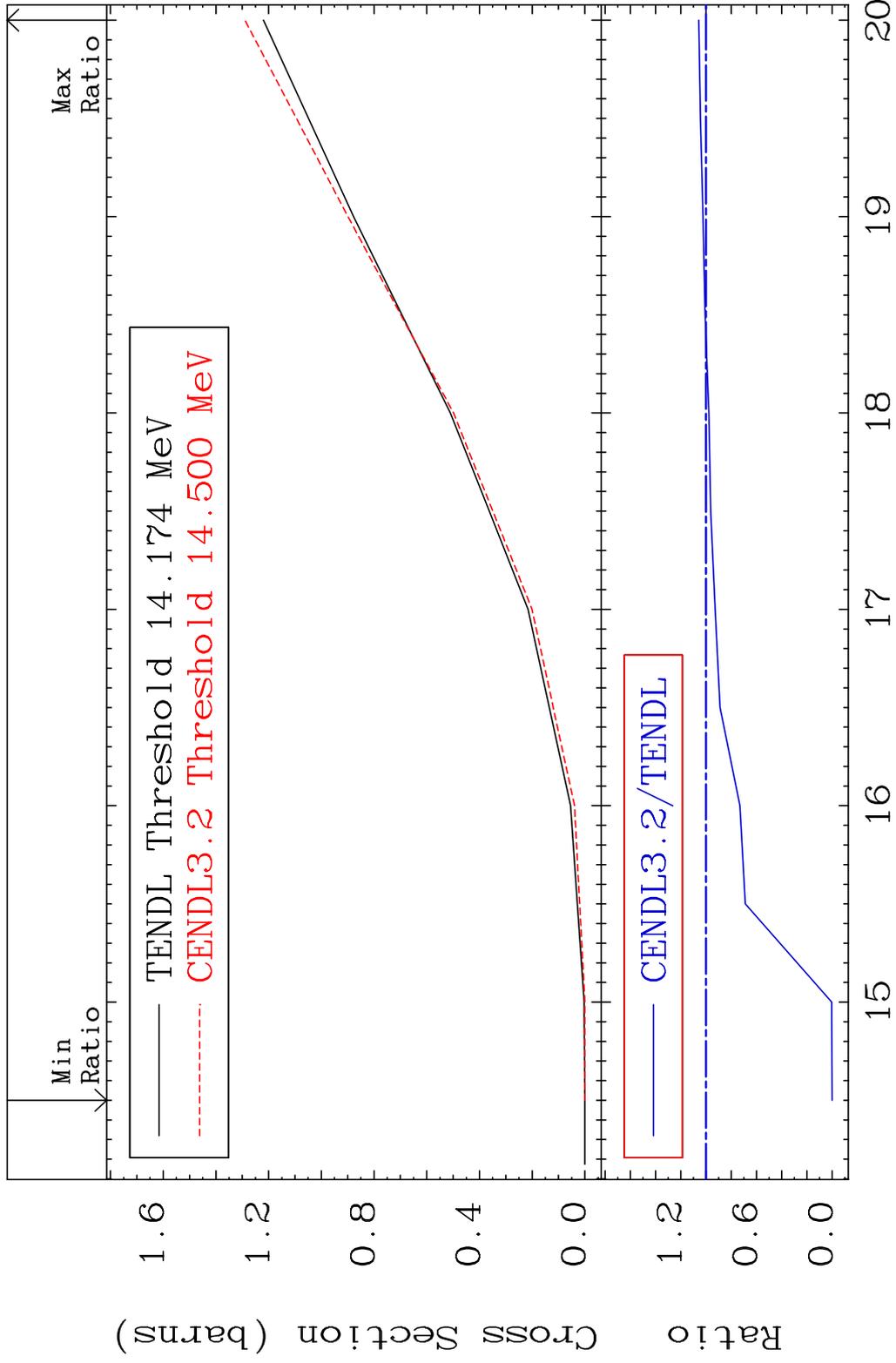
82-Pb-208

MAT 8237

(n,3n)

82-Pb-208

Cross Section -100.0 To 5.762 %



5

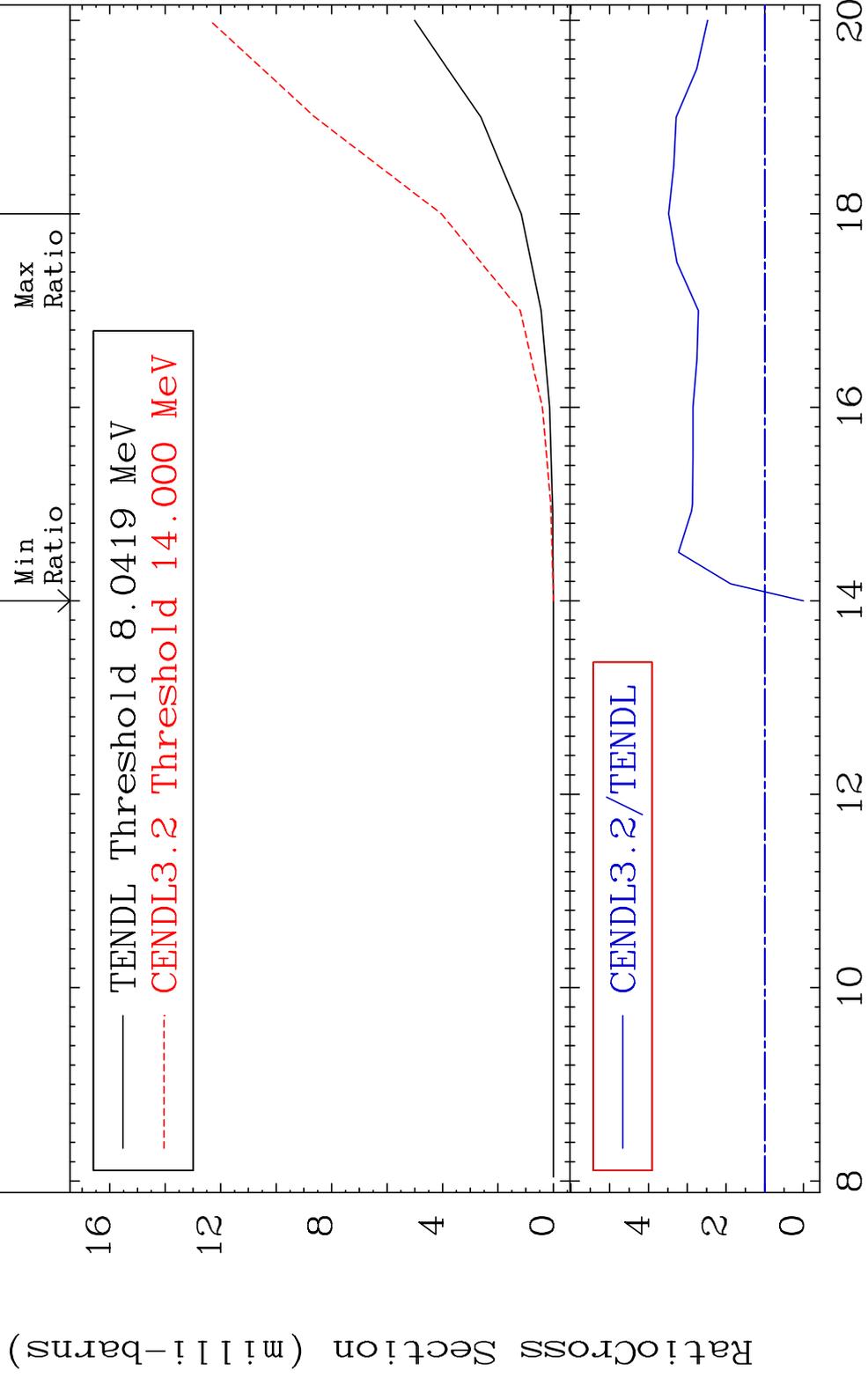
Incident Energy (MeV)

82-Pb-208

MAT 8237

(n, n') p
Cross Section -100.0 To 248.0 %

82-Pb-208

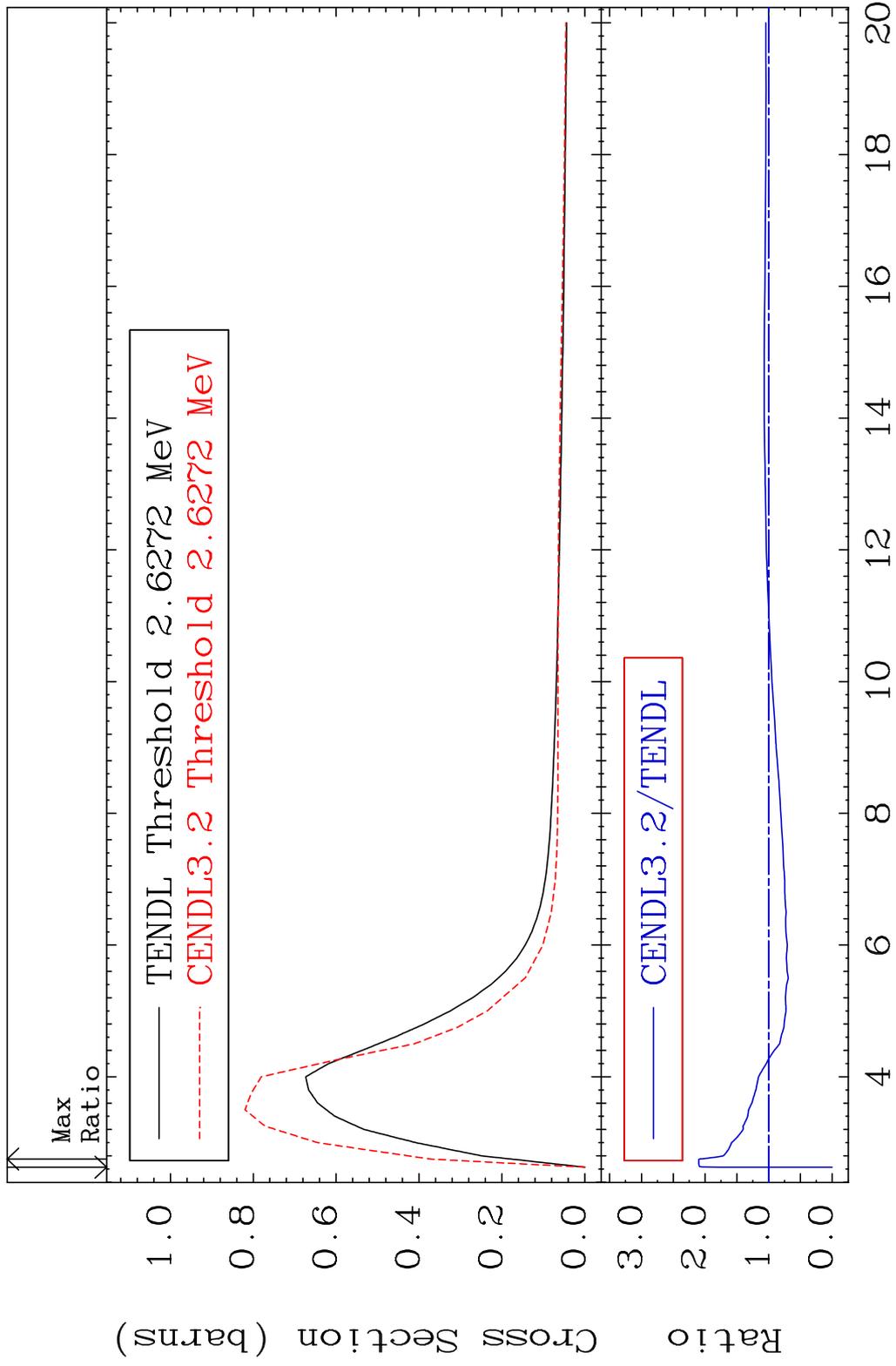


6

Incident Energy (MeV)

82-Pb-208

MAT 8237 MT= 51 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 109.8 %

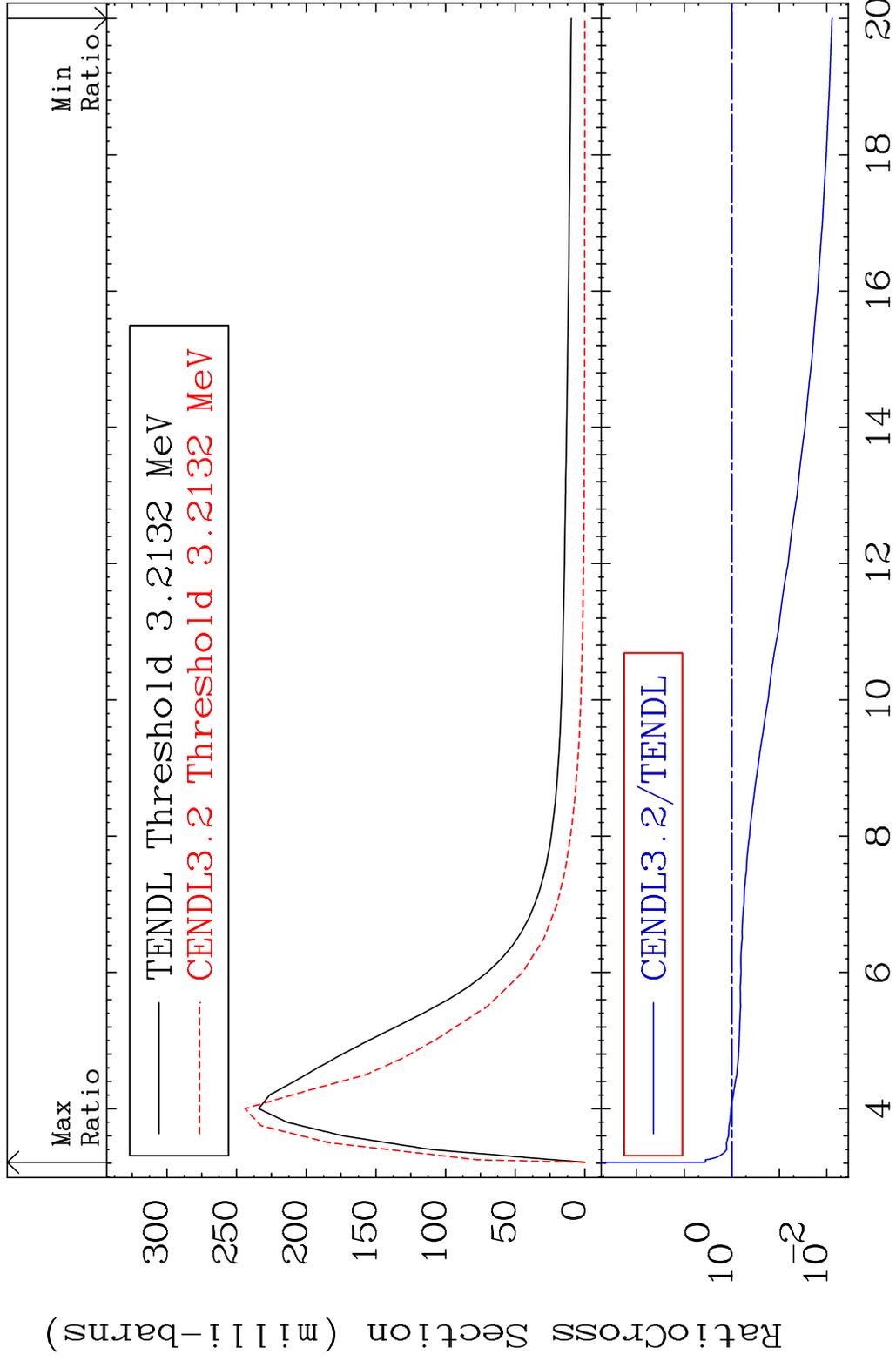


MAT 8237

MT= 52 (n, n') Level

82-Pb-208

Cross Section -99.23 To 394.6 %



8

Incident Energy (MeV)

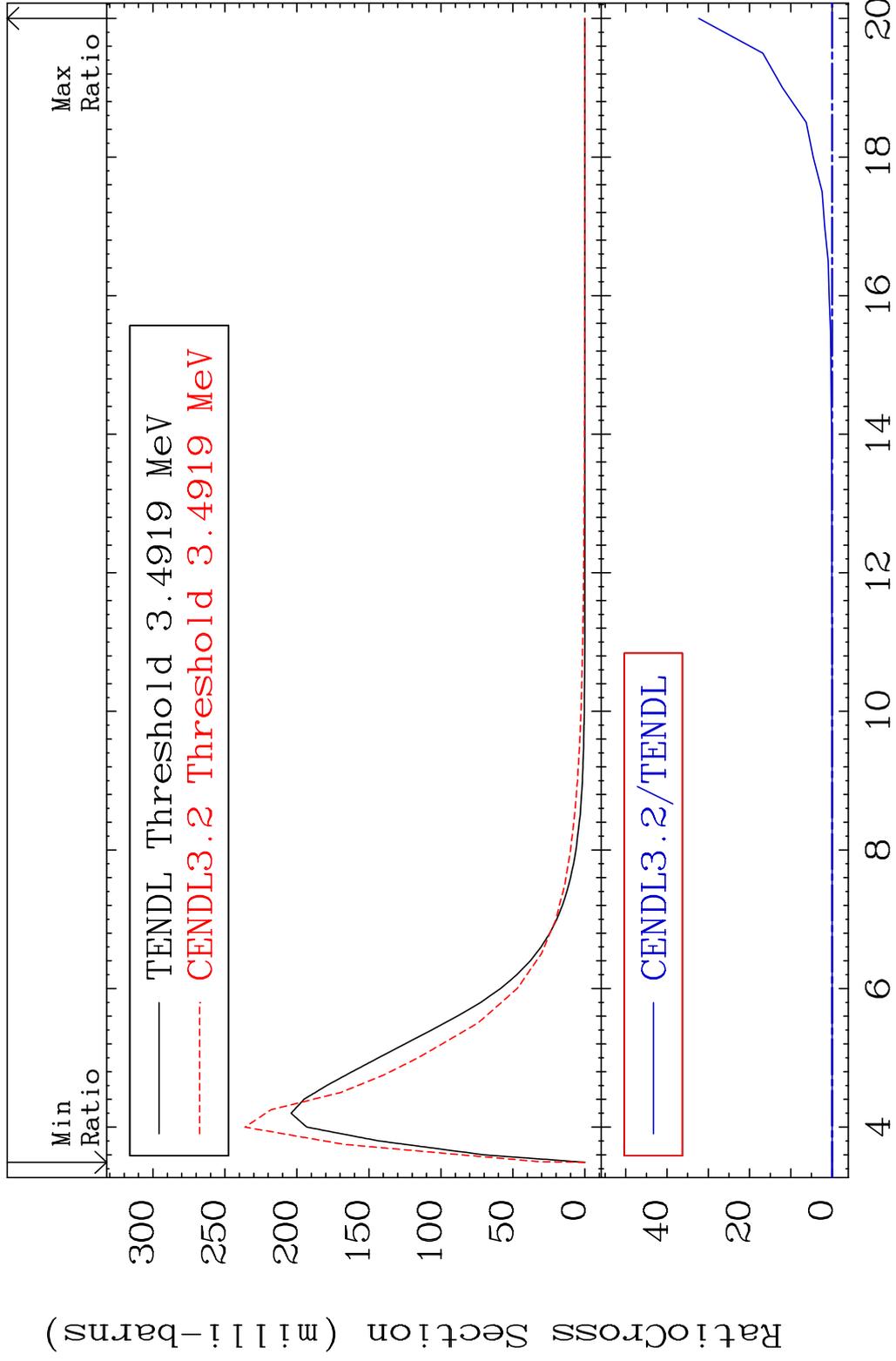
82-Pb-208

MAT 8237

MT= 53 (n, n') Level

82-Pb-208

Cross Section -100.0 To 9999. %

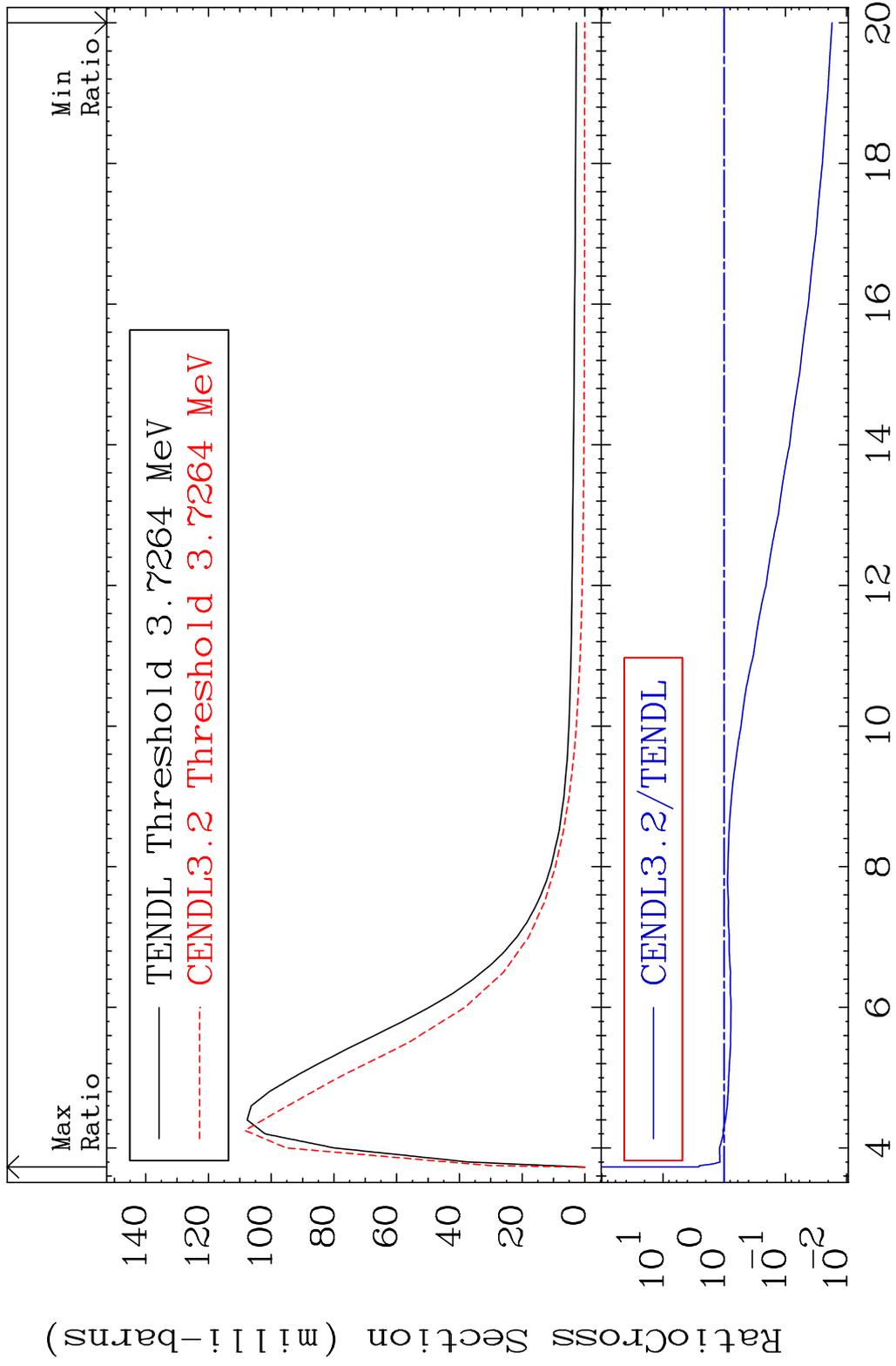


9

Incident Energy (MeV)

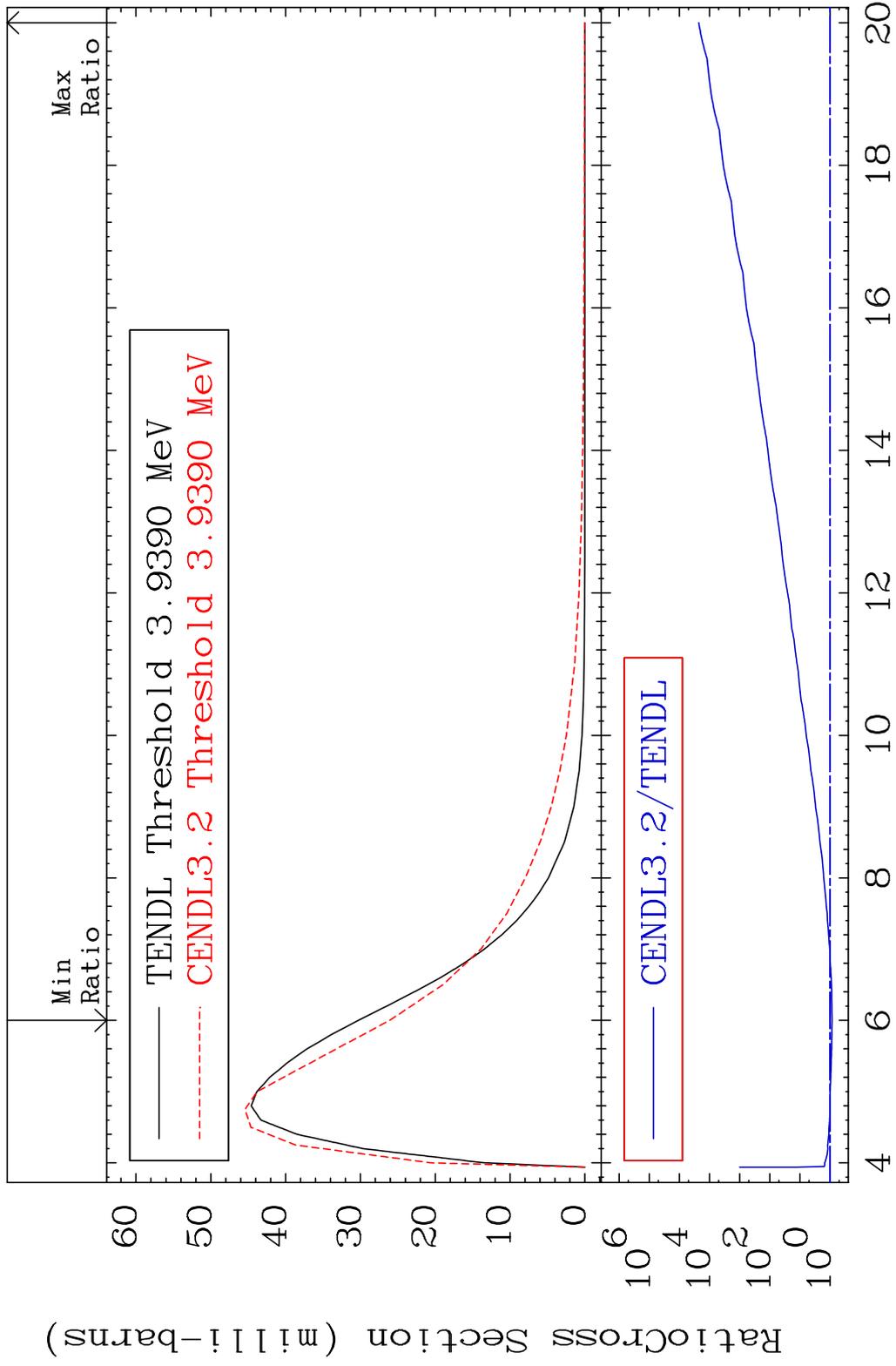
82-Pb-208

MAT 8237 MT= 54 (n, n') Level 82-Pb-208
 Cross Section -98.28 To 160.7 %



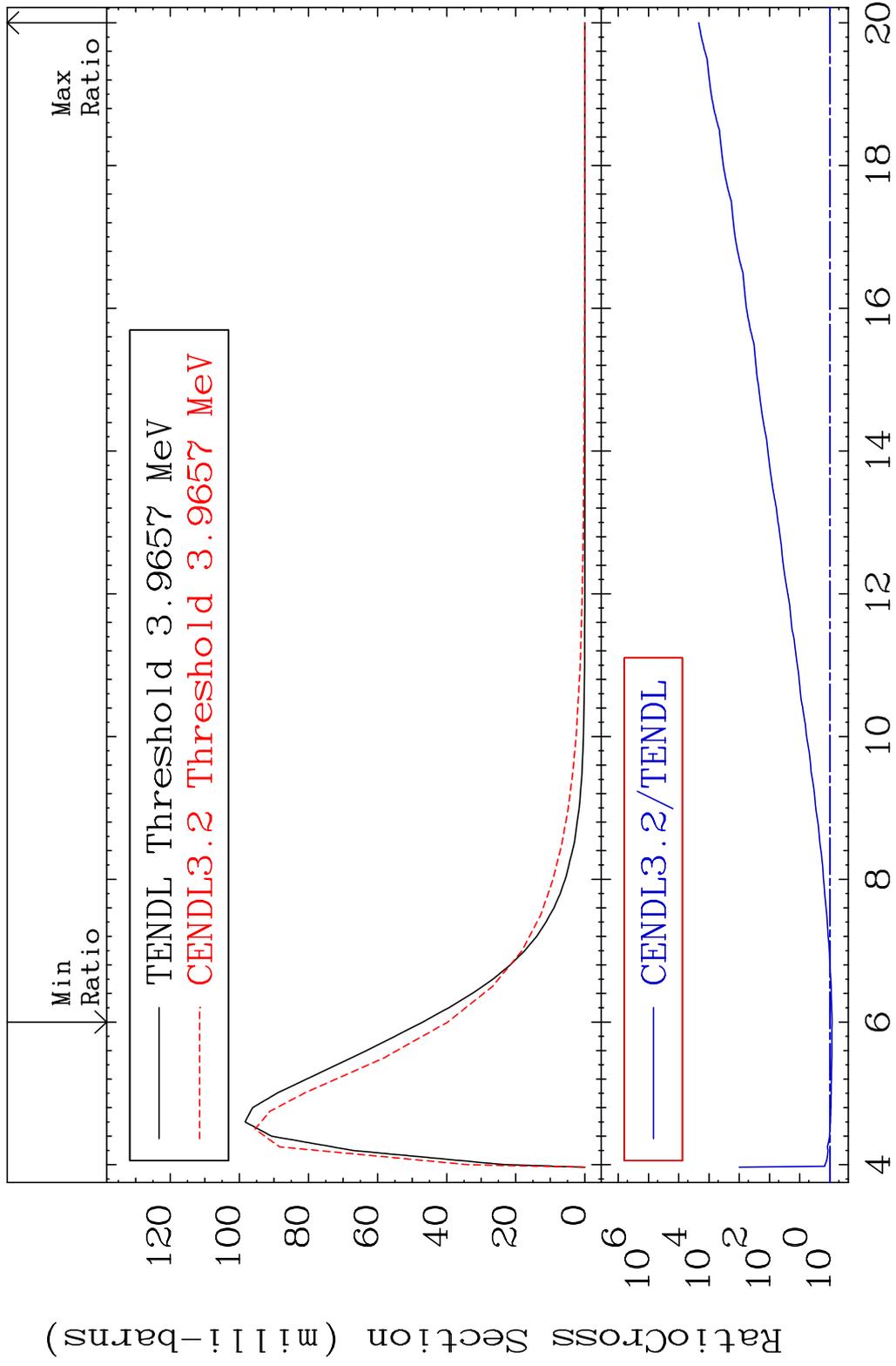
10 Incident Energy (MeV) 82-Pb-208

MAT 8237 MT= 55 (n,n') Level 82-Pb-208
 Cross Section -13.83 To 9999. %



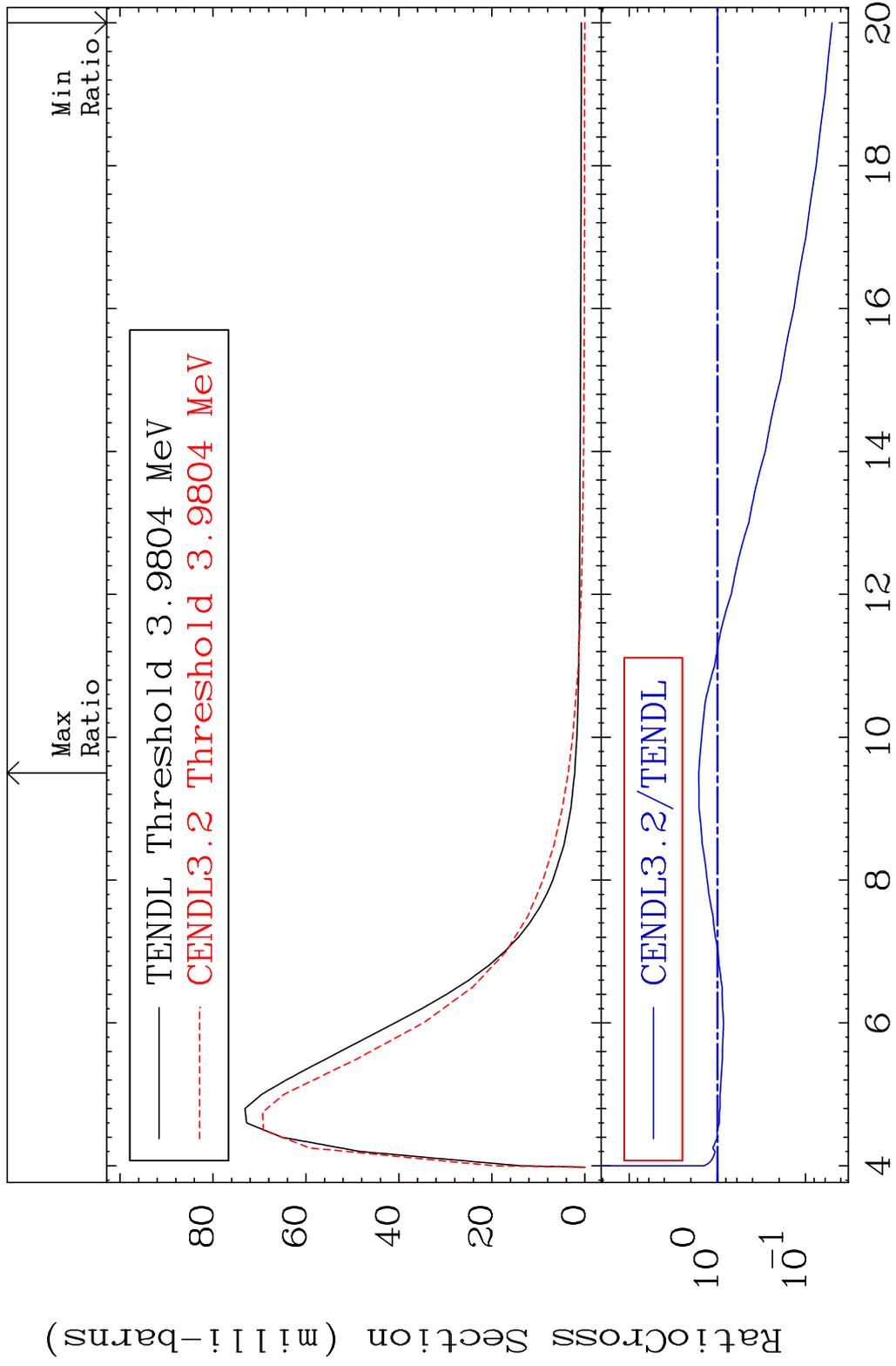
11 Incident Energy (MeV) 82-Pb-208

MAT 8237 MT= 56 (n,n') Level 82-Pb-208
 Cross Section -15.36 To 9999. %



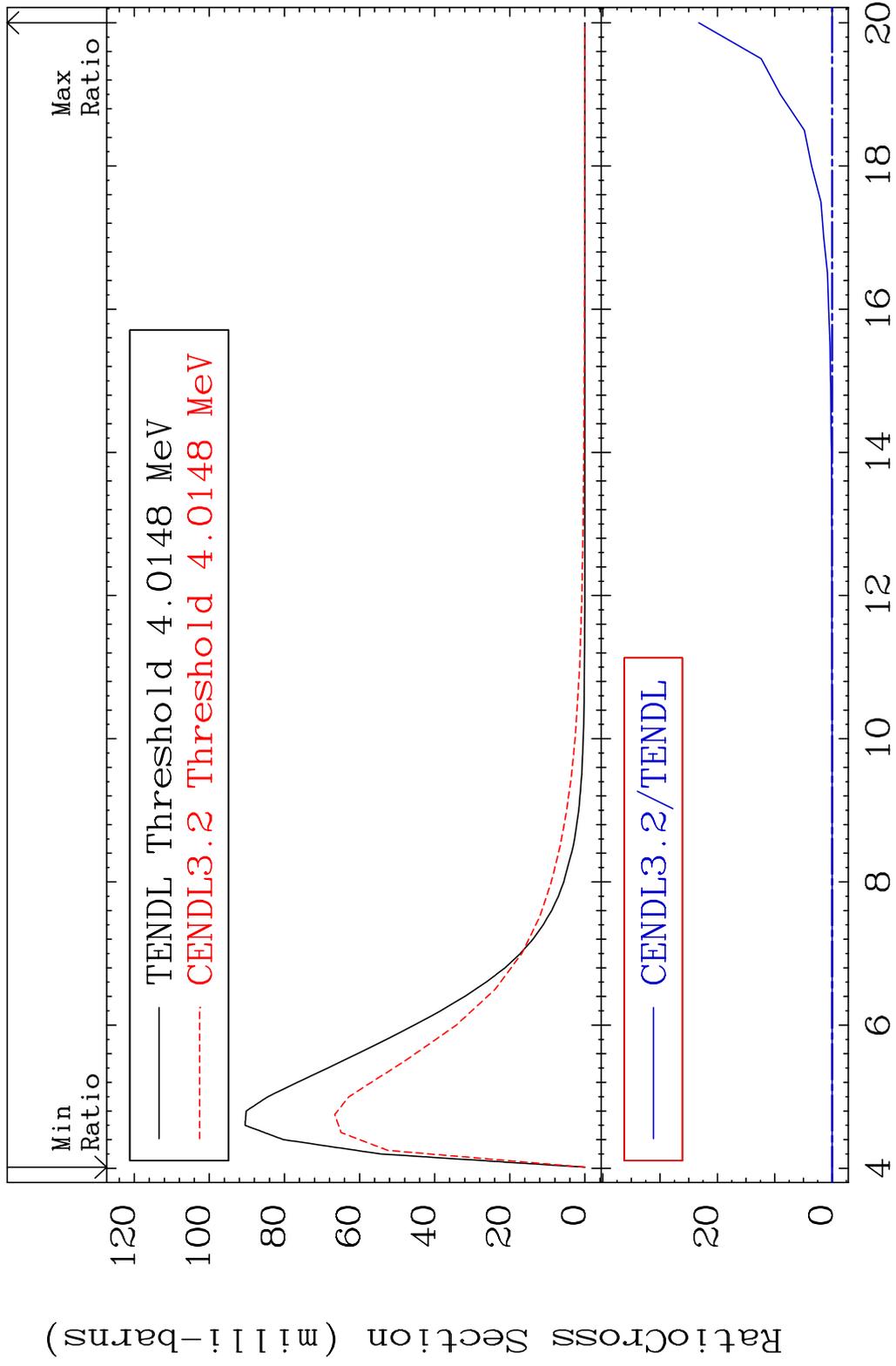
12 Incident Energy (MeV) 82-Pb-208

MAT 8237 MT= 57 (n, n') Level 82-Pb-208
 Cross Section -94.99 To 62.56 %



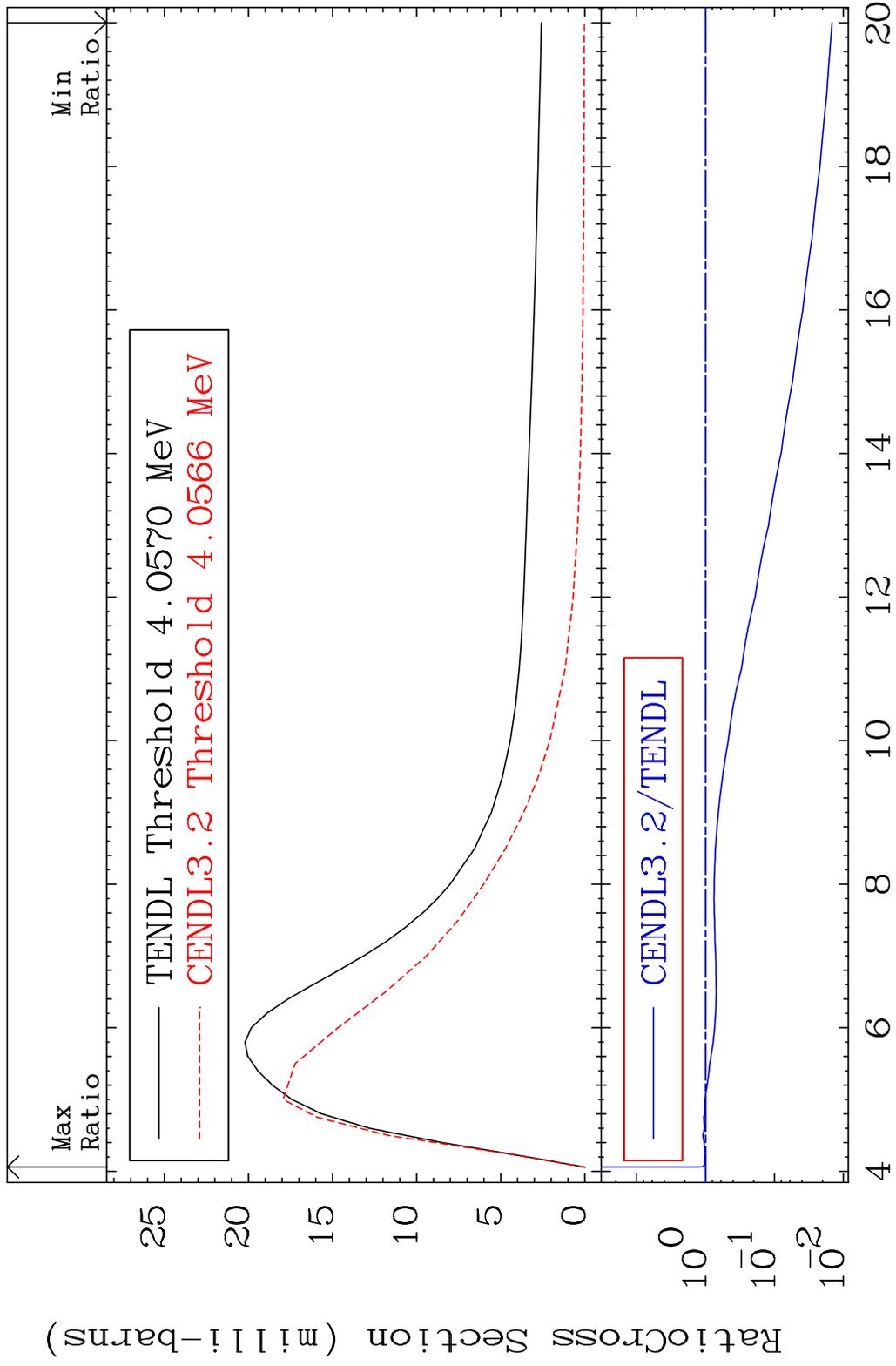
13 Incident Energy (MeV) 82-Pb-208

MAT 8237 MT= 58 (n, n') Level 82-Pb-208
 Cross Section -100.0 To 9999. %



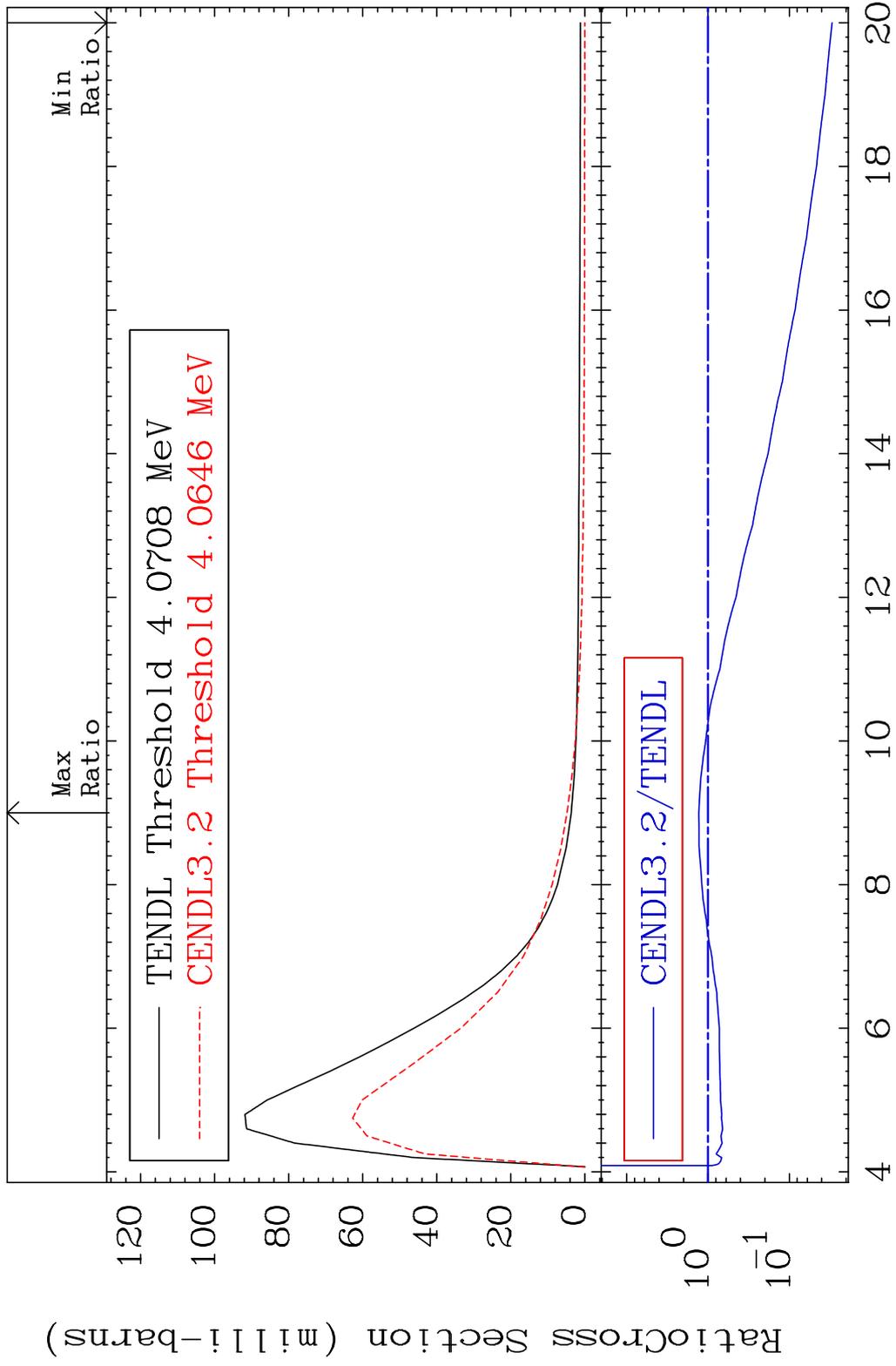
14 Incident Energy (MeV) 82-Pb-208

MAT 8237 MT= 59 (n, n') Level 82-Pb-208
 Cross Section -98.54 To 25.83 %



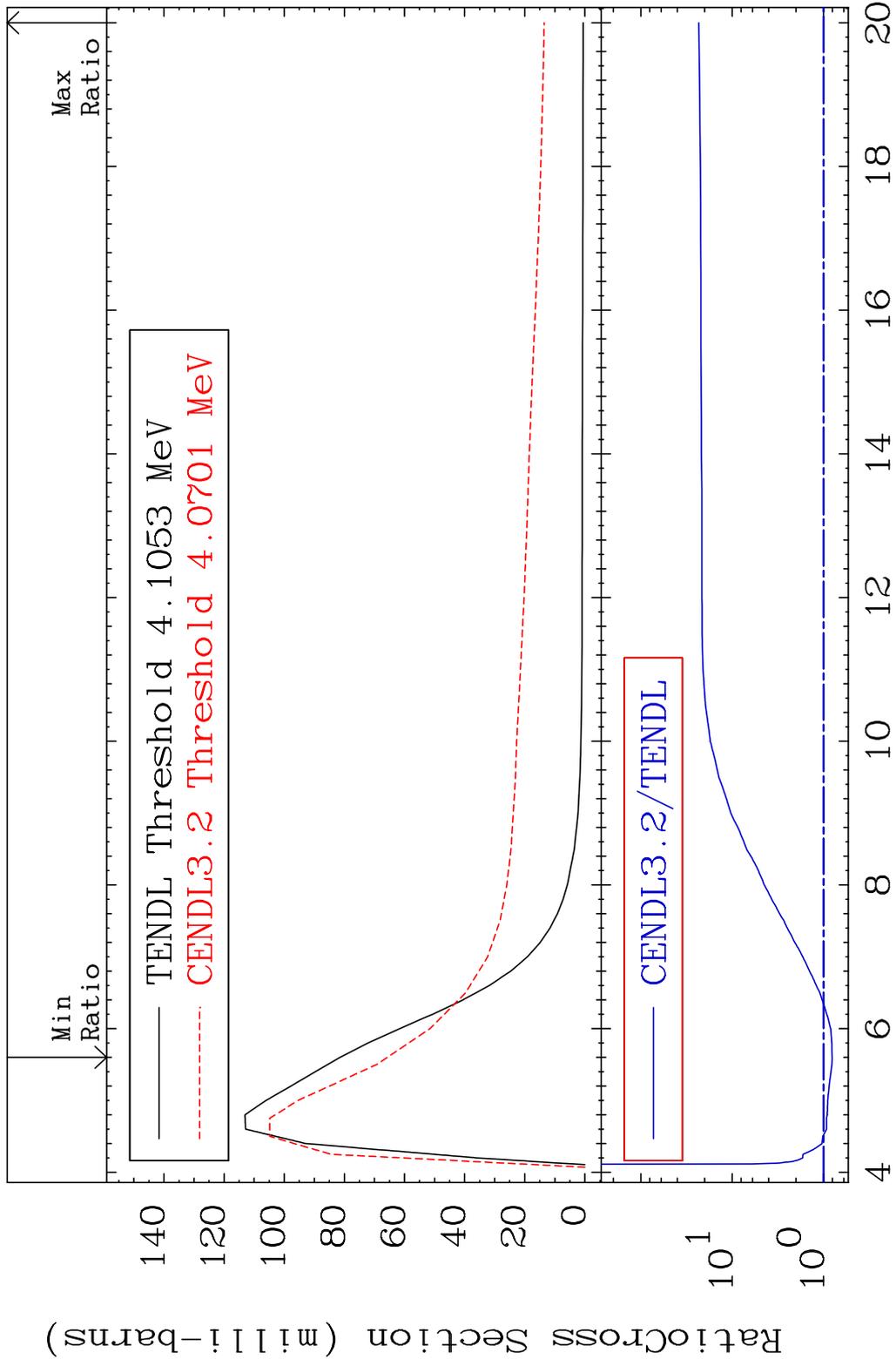
15 82-Pb-208

MAT 8237 MT= 60 (n, n') Level 82-Pb-208
 Cross Section -97.02 To 29.95 %

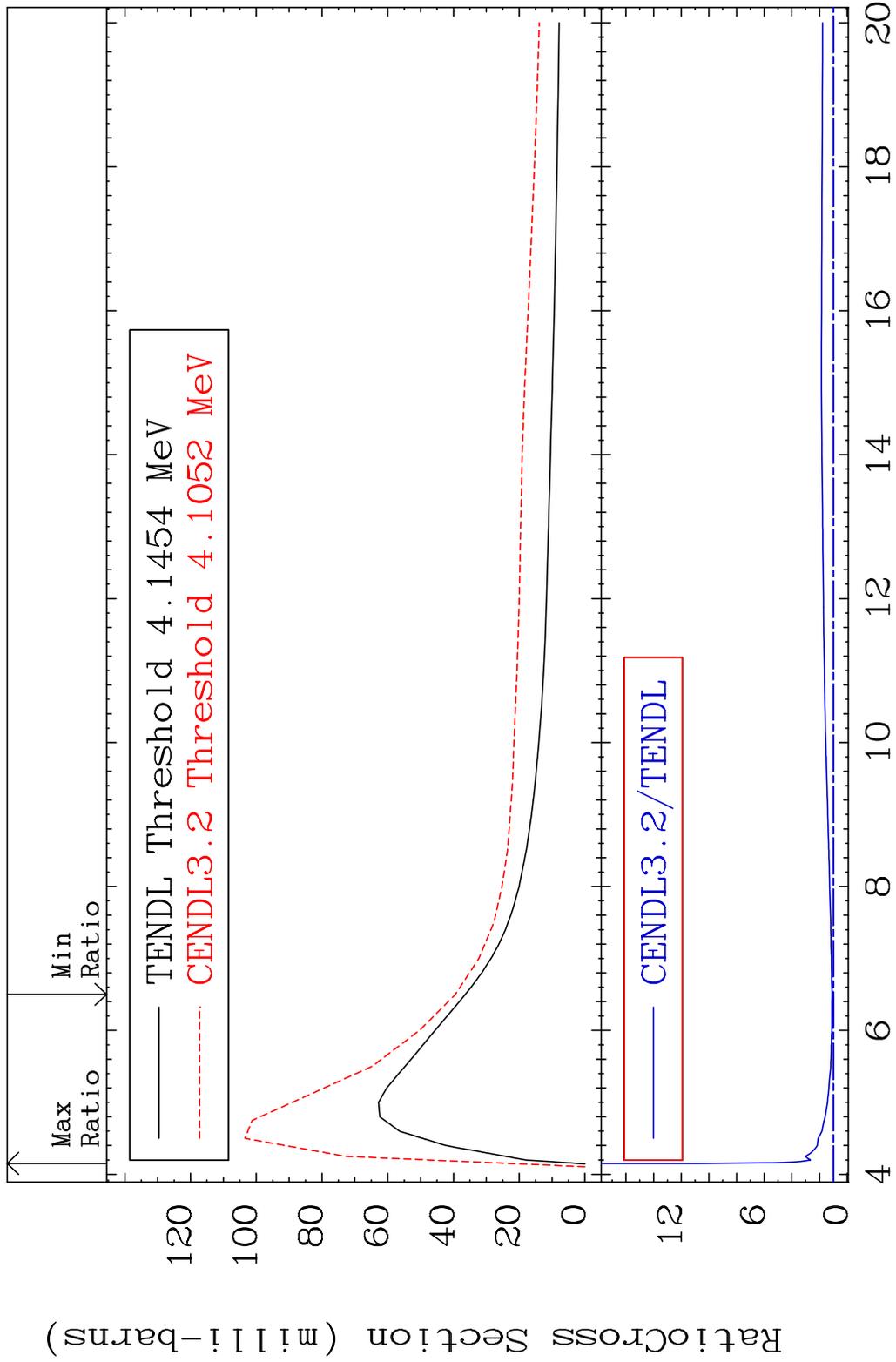


16 Incident Energy (MeV) 82-Pb-208

MAT 8237 MT= 61 (n, n') Level 82-Pb-208
 Cross Section -19.36 To 2224. %

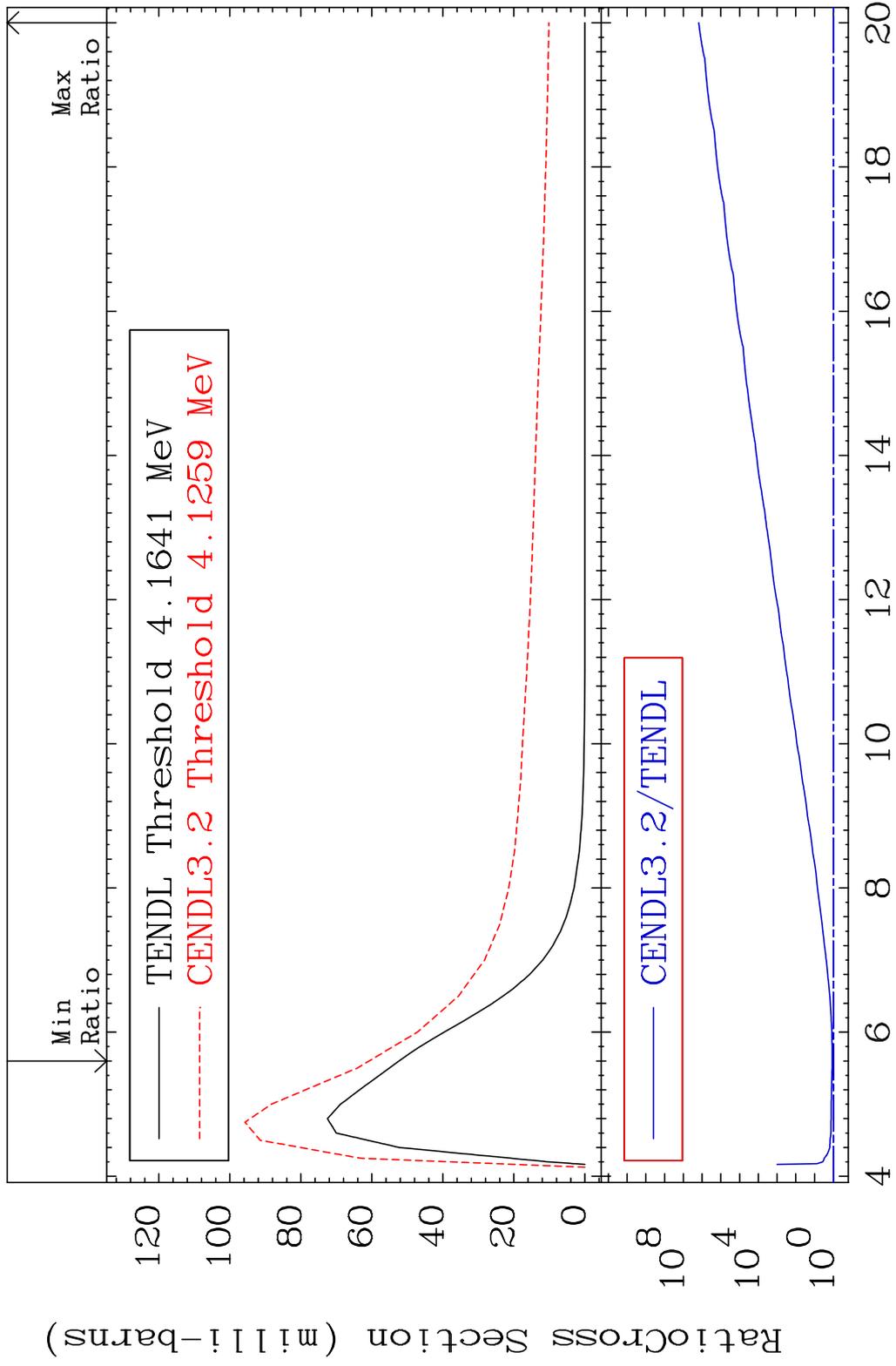


MAT 8237 MT= 62 (n, n') Level 82-Pb-208
 Cross Section 8.280 To 973.2 %



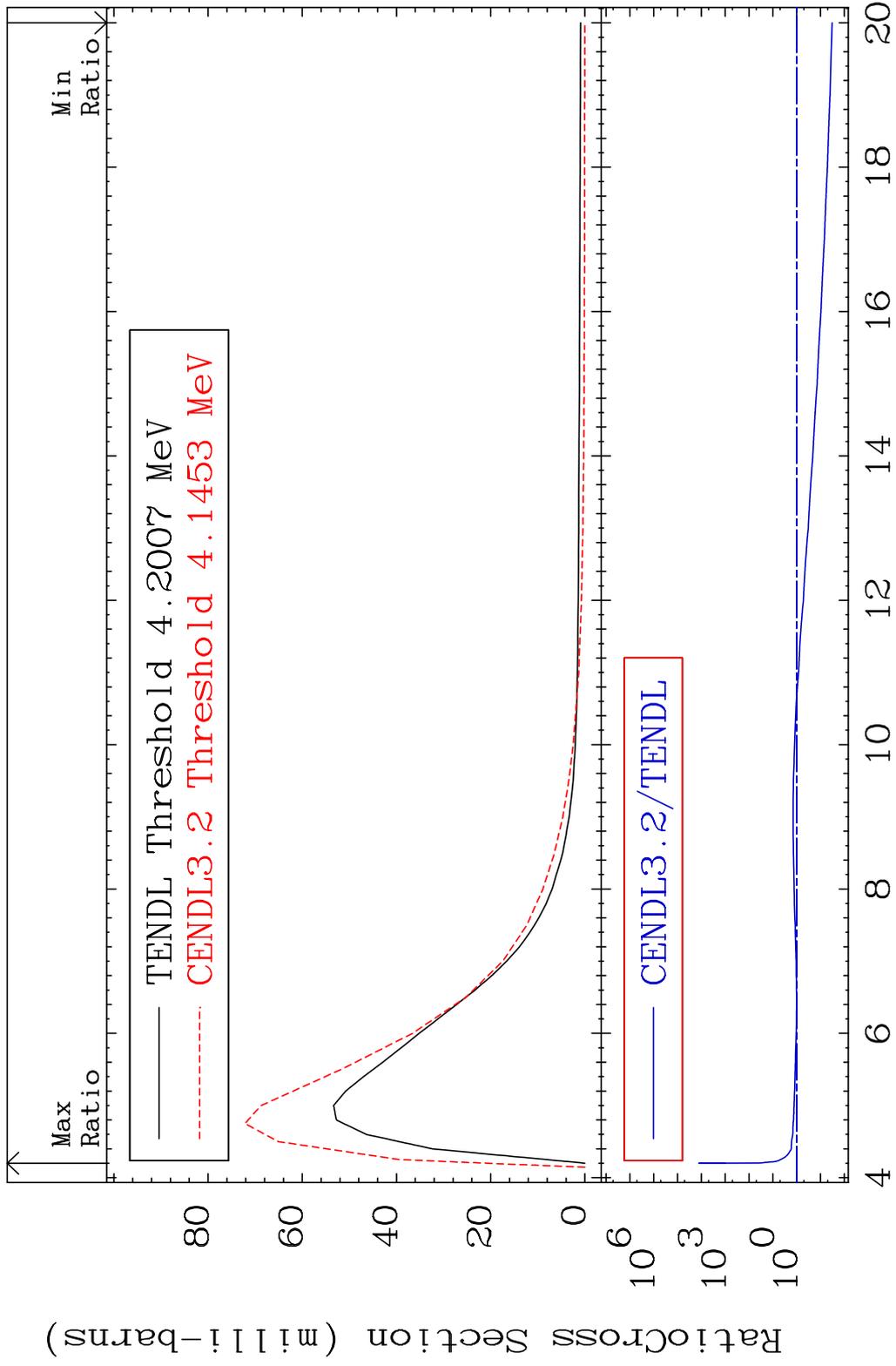
18 Incident Energy (MeV) 82-Pb-208

MAT 8237 MT= 63 (n, n') Level 82-Pb-208
 Cross Section 15.94 To 9999. %



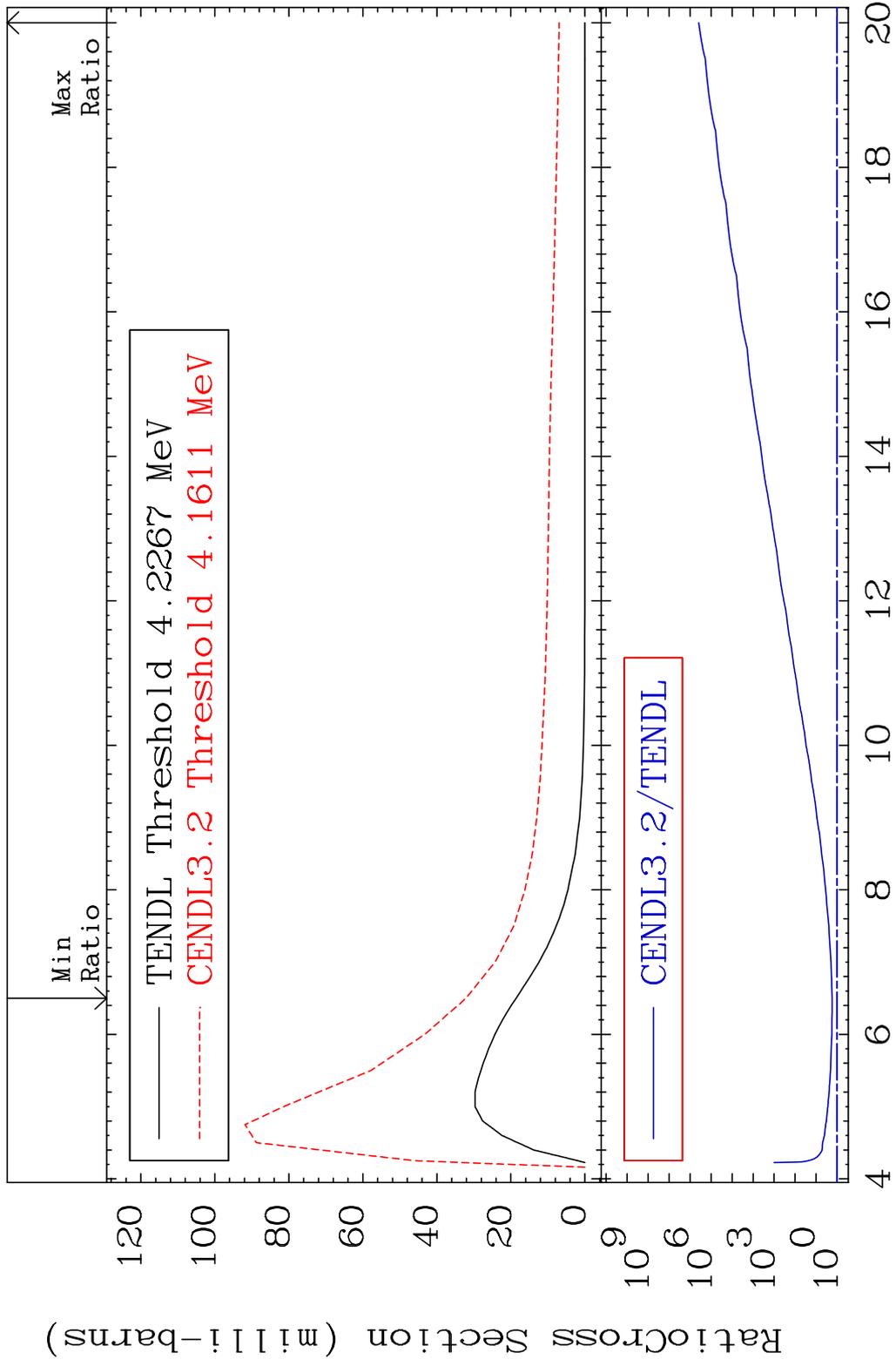
19 Incident Energy (MeV) 82-Pb-208

MAT 8237 MT= 64 (n, n') Level 82-Pb-208
 Cross Section -96.73 To 9999. %

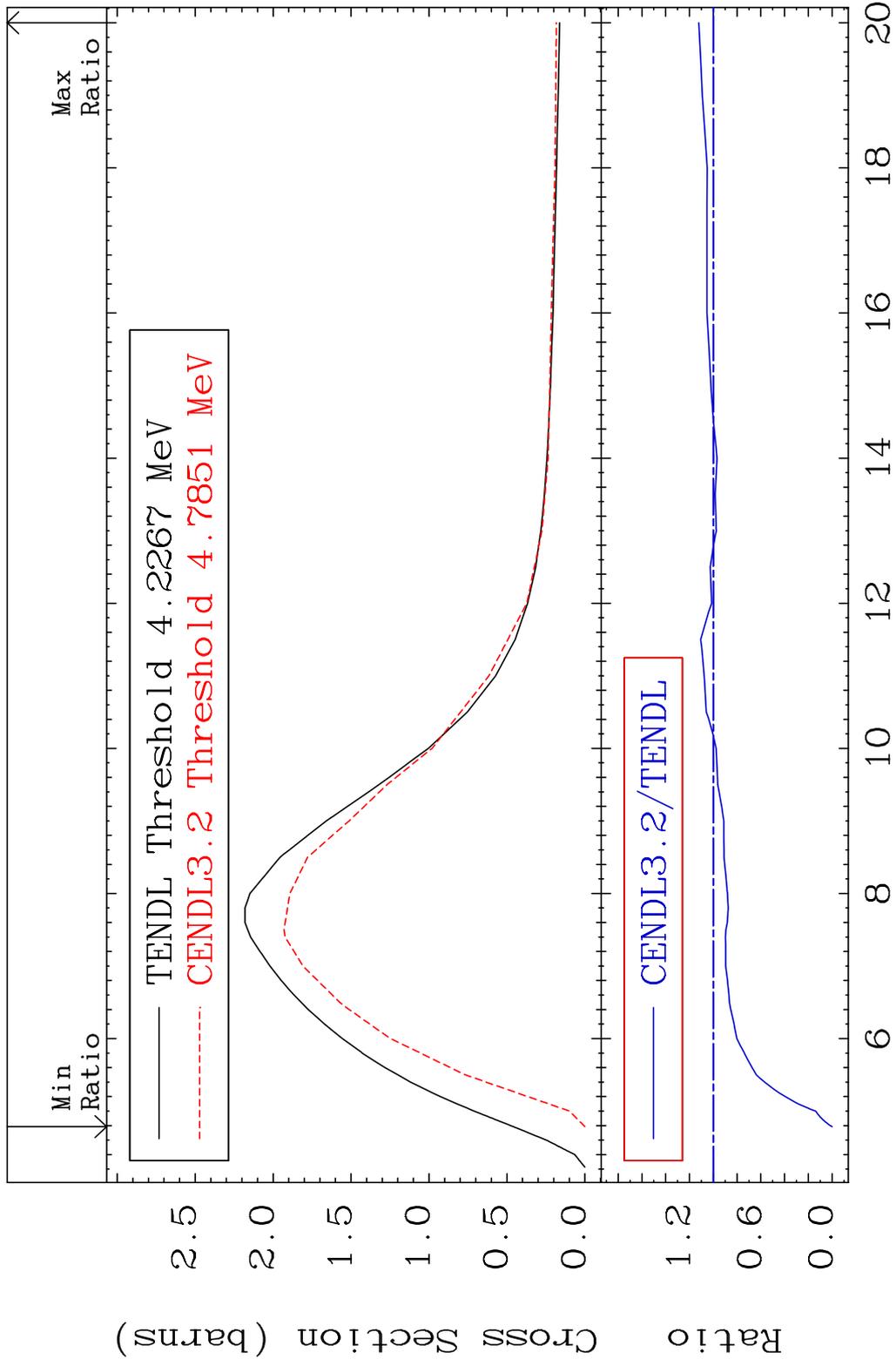


20 Incident Energy (MeV) 82-Pb-208

MAT 8237 MT= 65 (n, n') Level 82-Pb-208
 Cross Section 72.66 To 9999. %



MAT 8237 (n, n') Continuum 82-Pb-208
 Cross Section -100.0 To 12.19 %

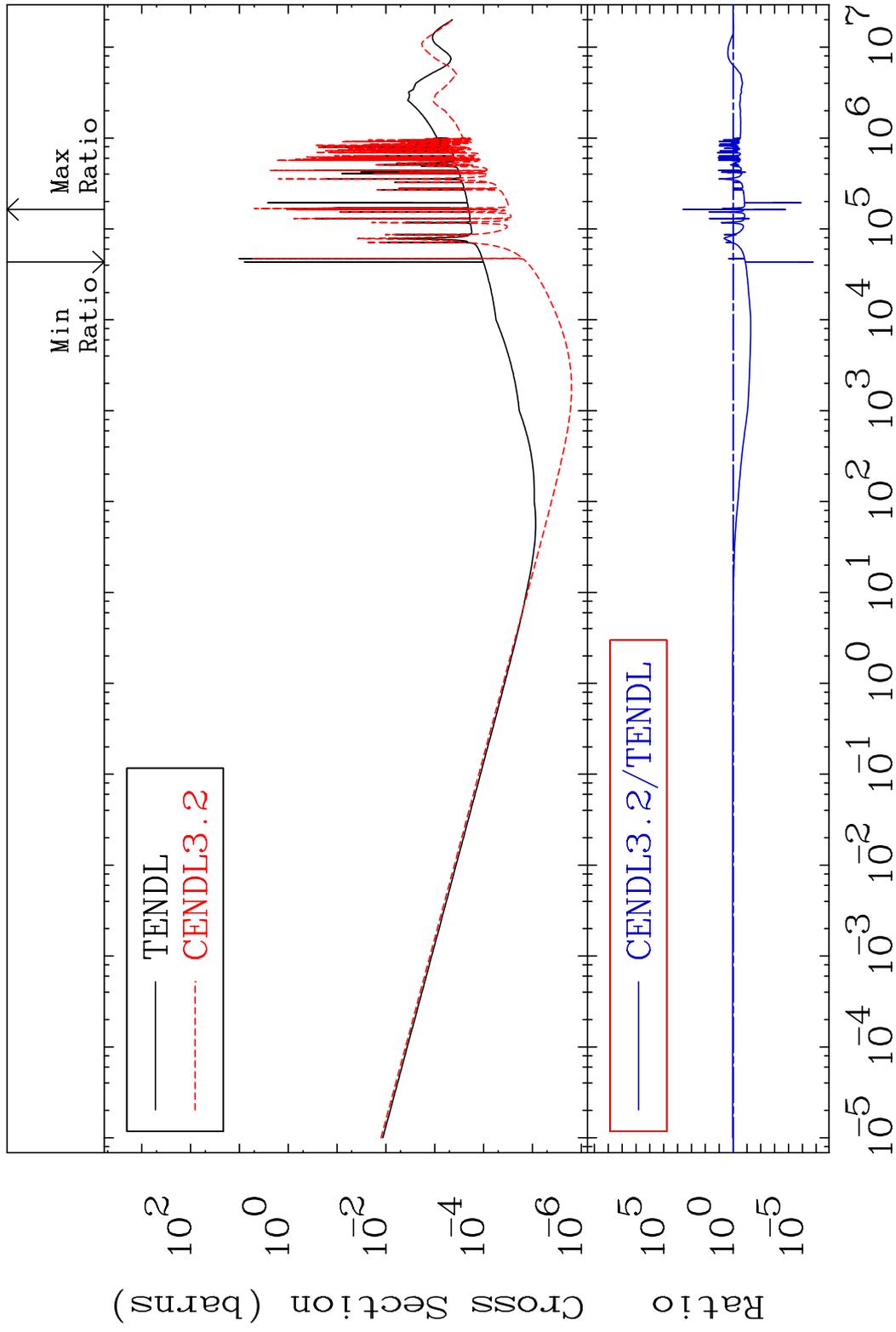


MAT 8237

(n, γ)

82-Pb-208

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

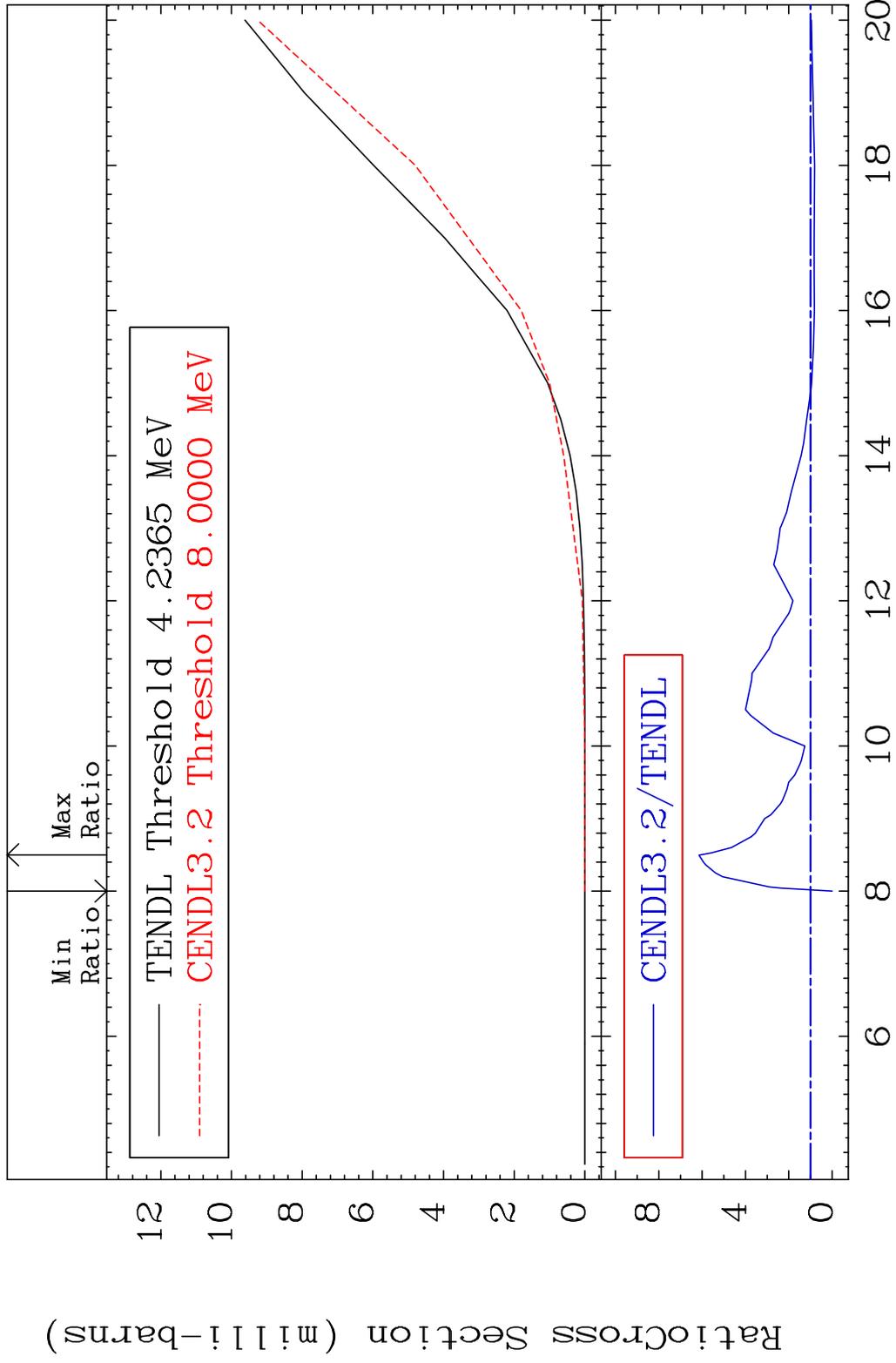
82-Pb-208

MAT 8237

(n, p)

82-Pb-208

Cross Section -100.0 To 515.6 %



24

Incident Energy (MeV)

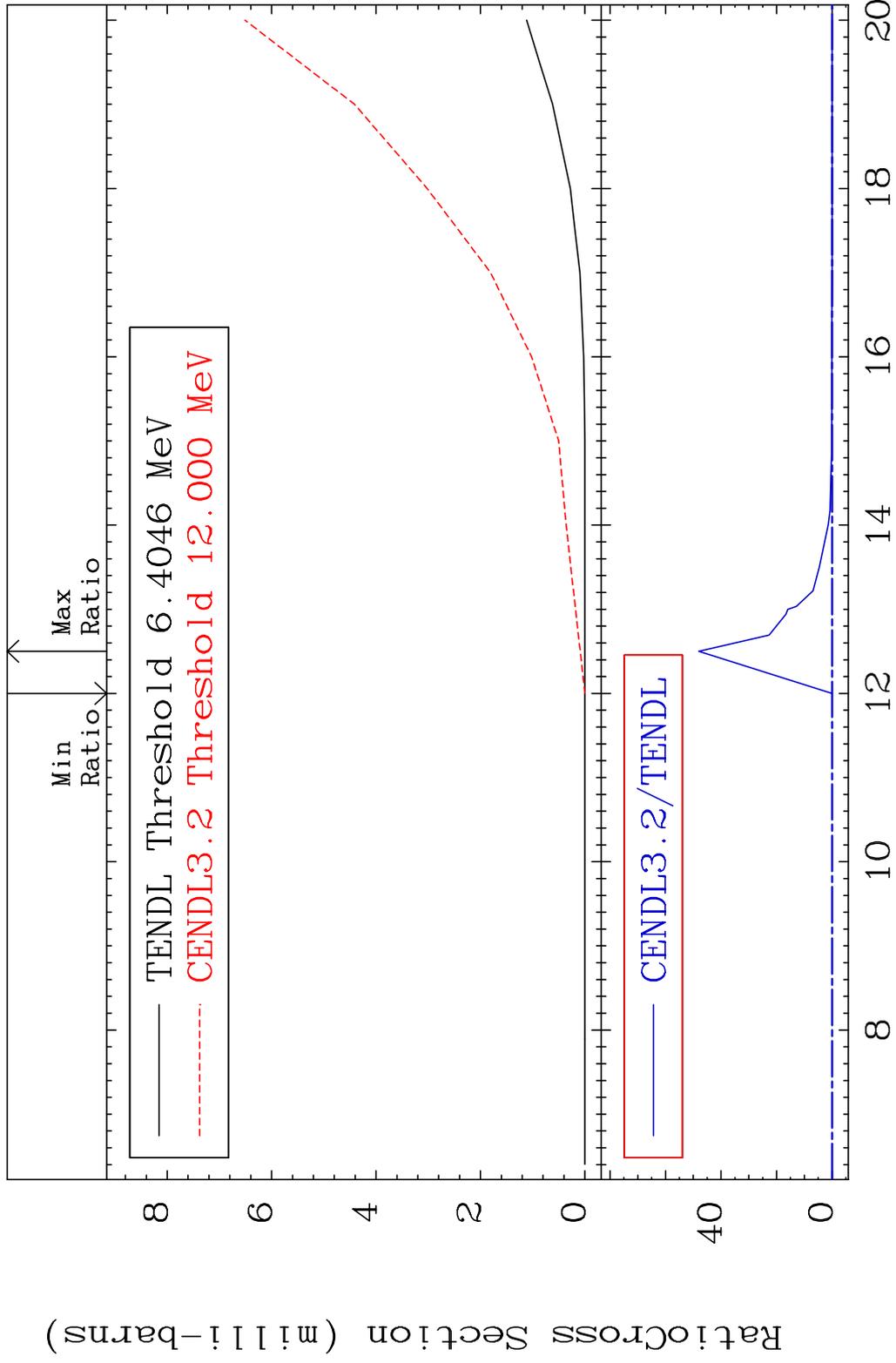
82-Pb-208

MAT 8237

(n, t)

82-Pb-208

Cross Section -100.0 To 9999. %



25

Incident Energy (MeV)

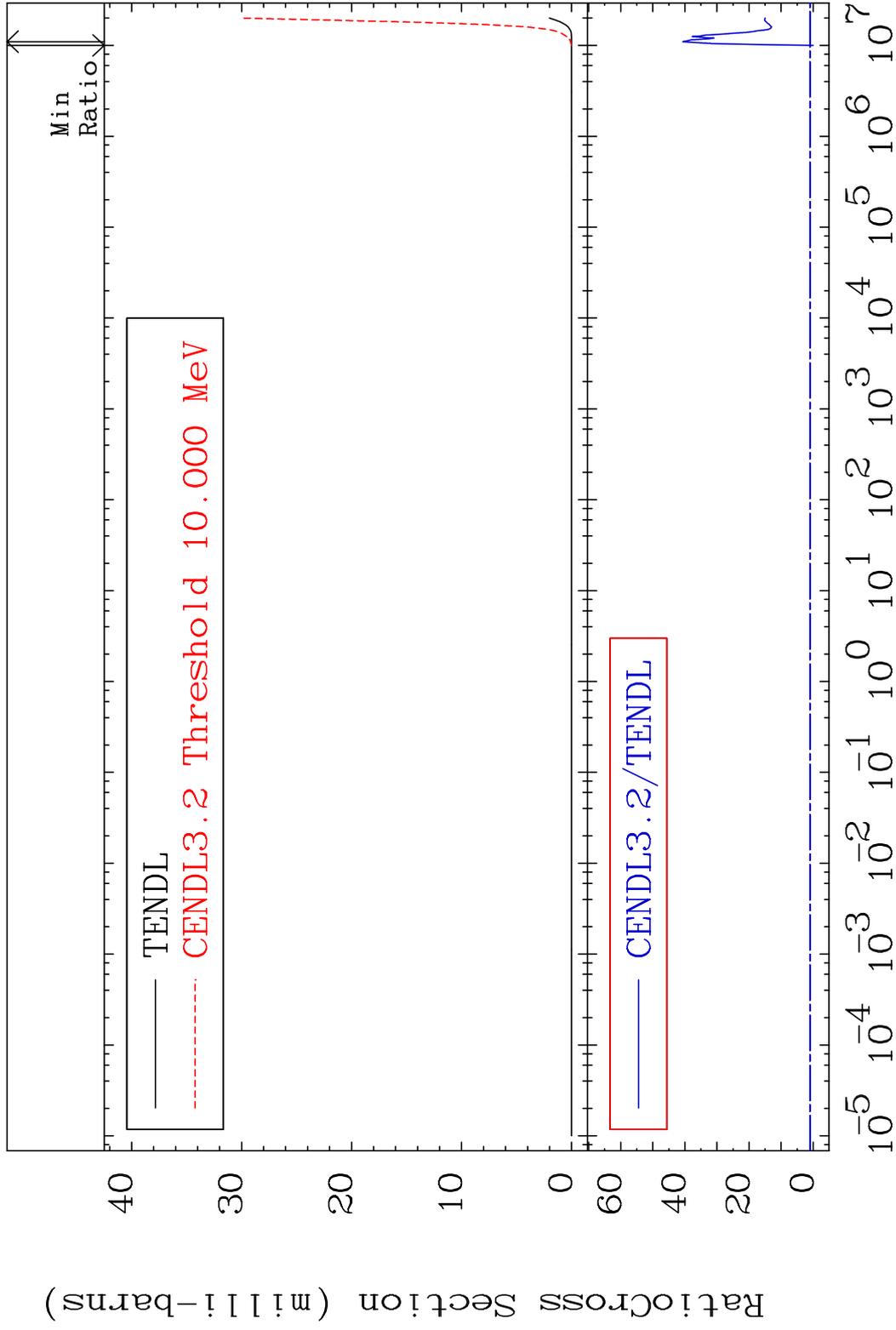
82-Pb-208

MAT 8237

(n, α)

82-Pb-208

Cross Section -100.0 To 3963. %

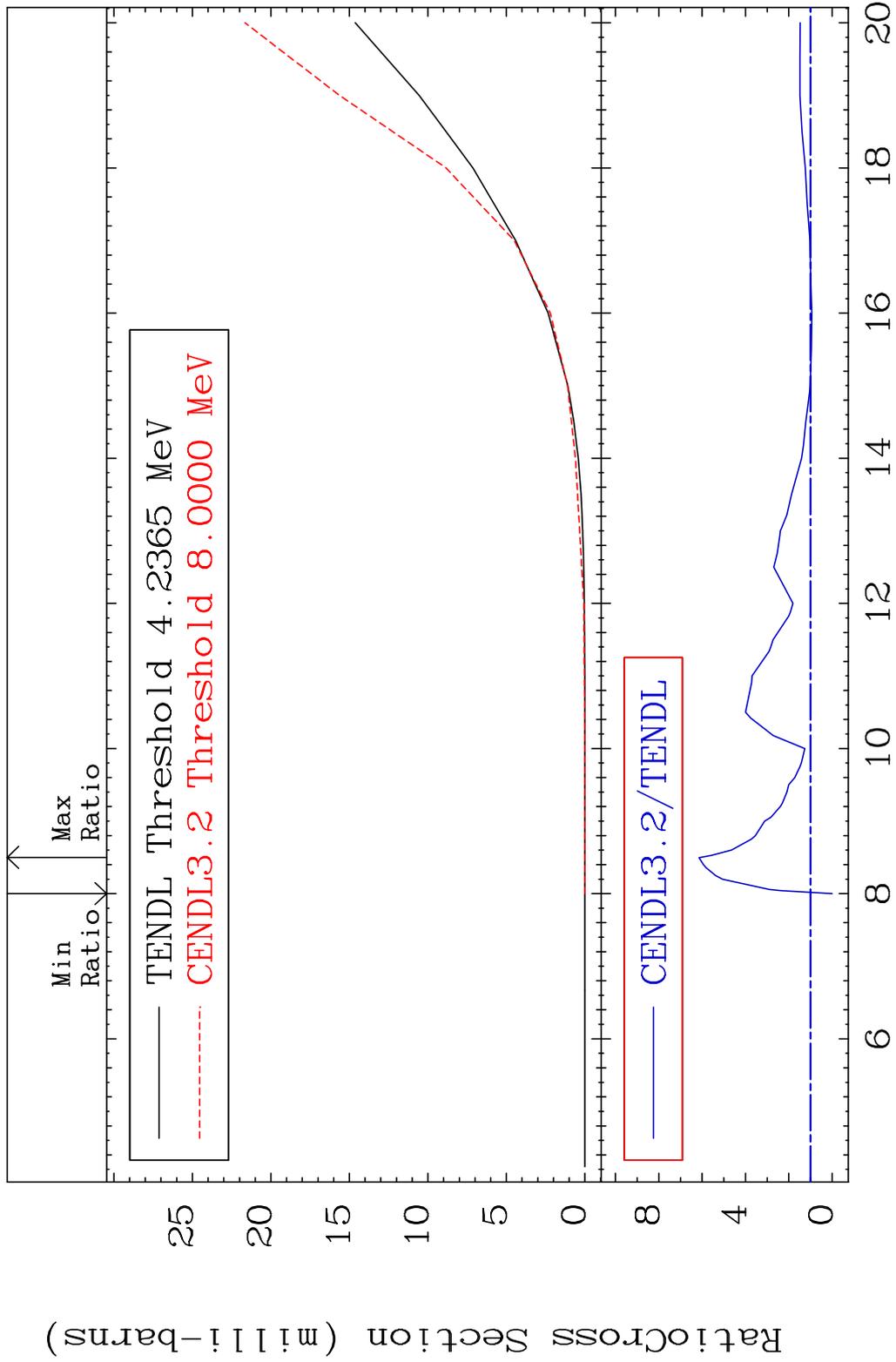


26

Incident Energy (eV)

82-Pb-208

MAT 8237 Hydrogen Production 82-Pb-208
 Cross Section -100.0 To 515.6 %

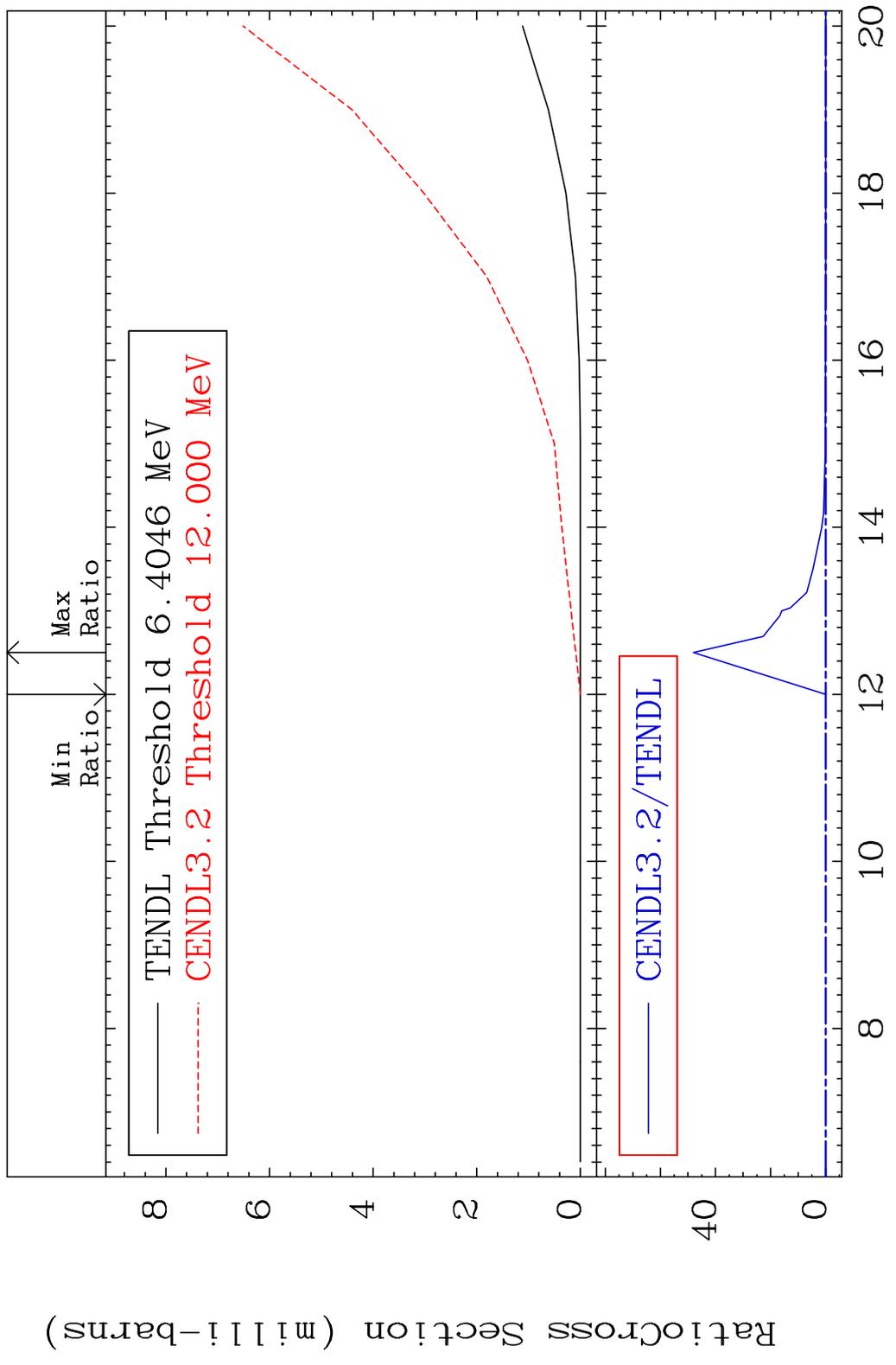


MAT 8237

Tritium Production

82-Pb-208

Cross Section -100.0 To 9999. %

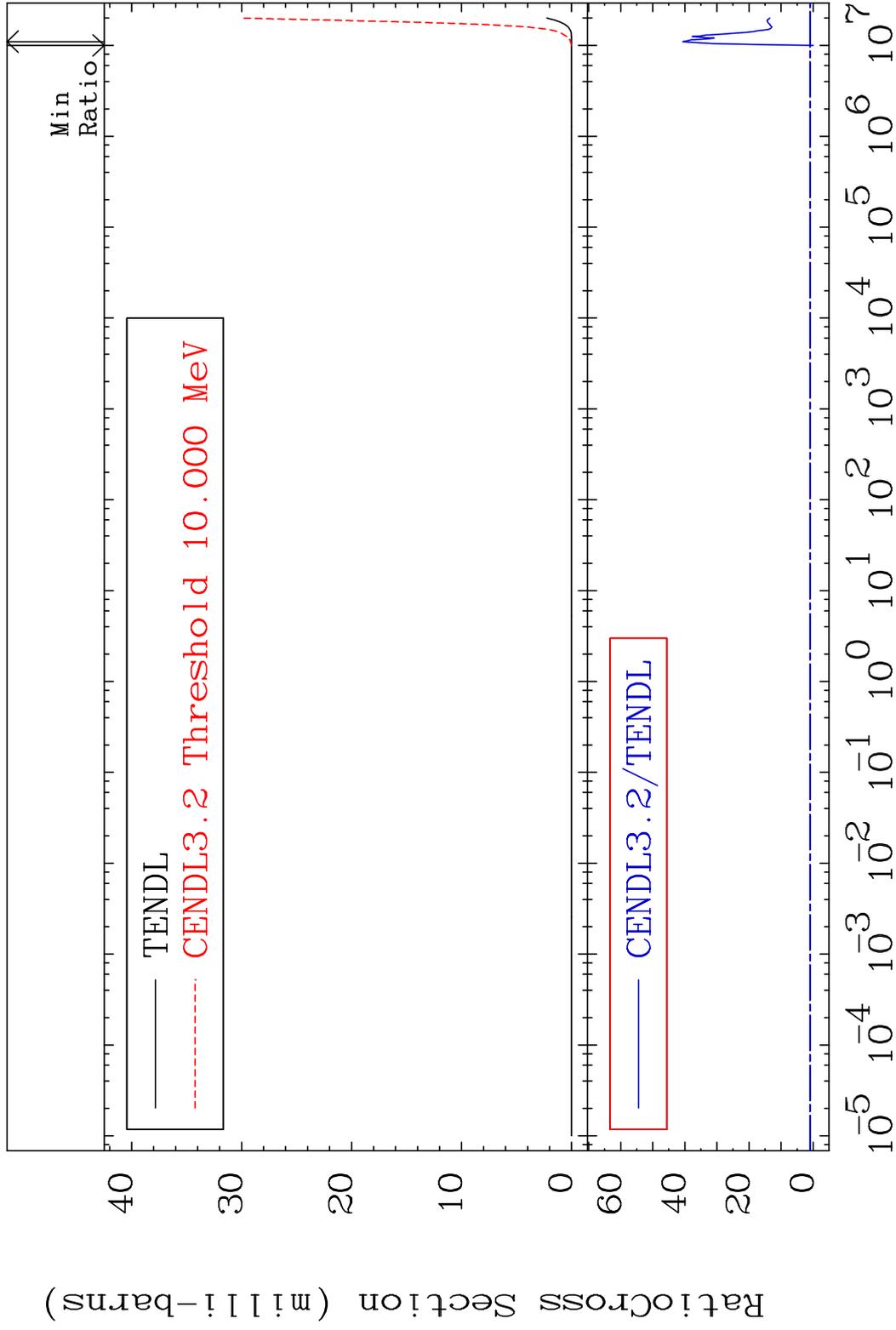


MAT 8237

He-4 Production

82-Pb-208

Cross Section -100.0 To 3963. %



29

Incident Energy (eV)

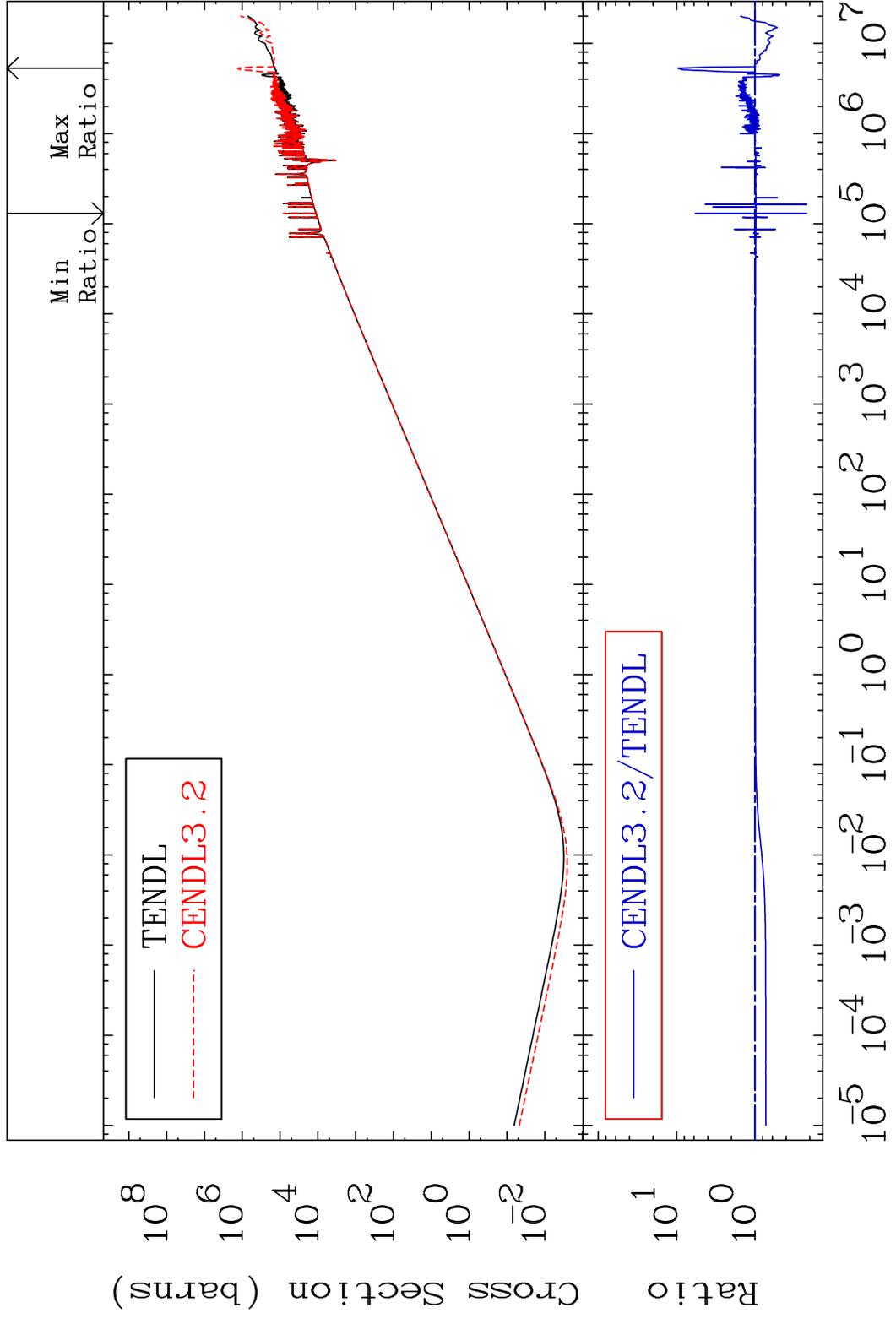
82-Pb-208

MAT 8237

Kerma total (eV-barns)

82-Pb-208

Cross Section -78.25 To 870.9 %



30

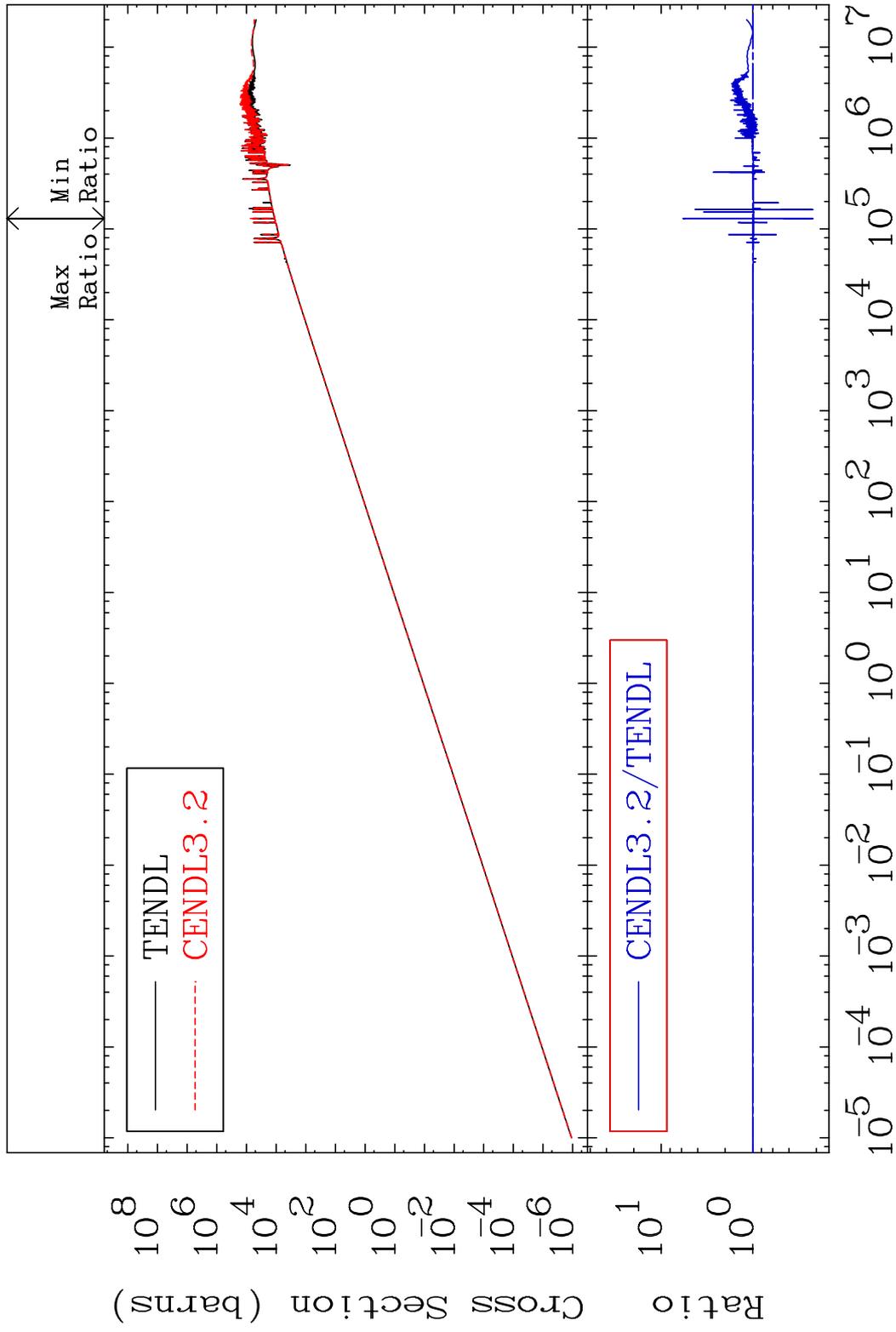
Incident Energy (eV)

82-Pb-208

MAT 8237

Kerma elastic
Cross Section

82-Pb-208
-78.27 To 480.7 %

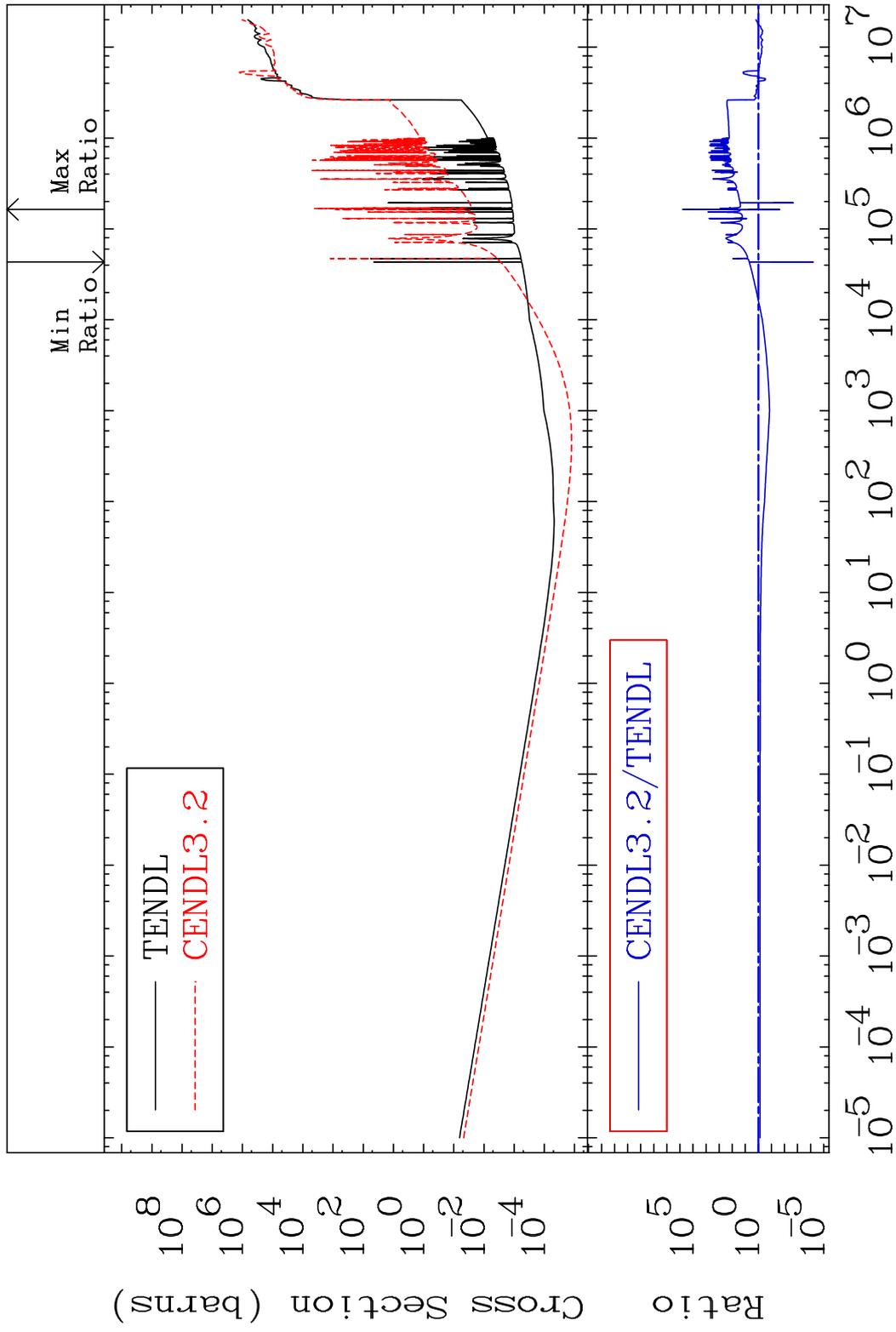


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Incident Energy (eV)

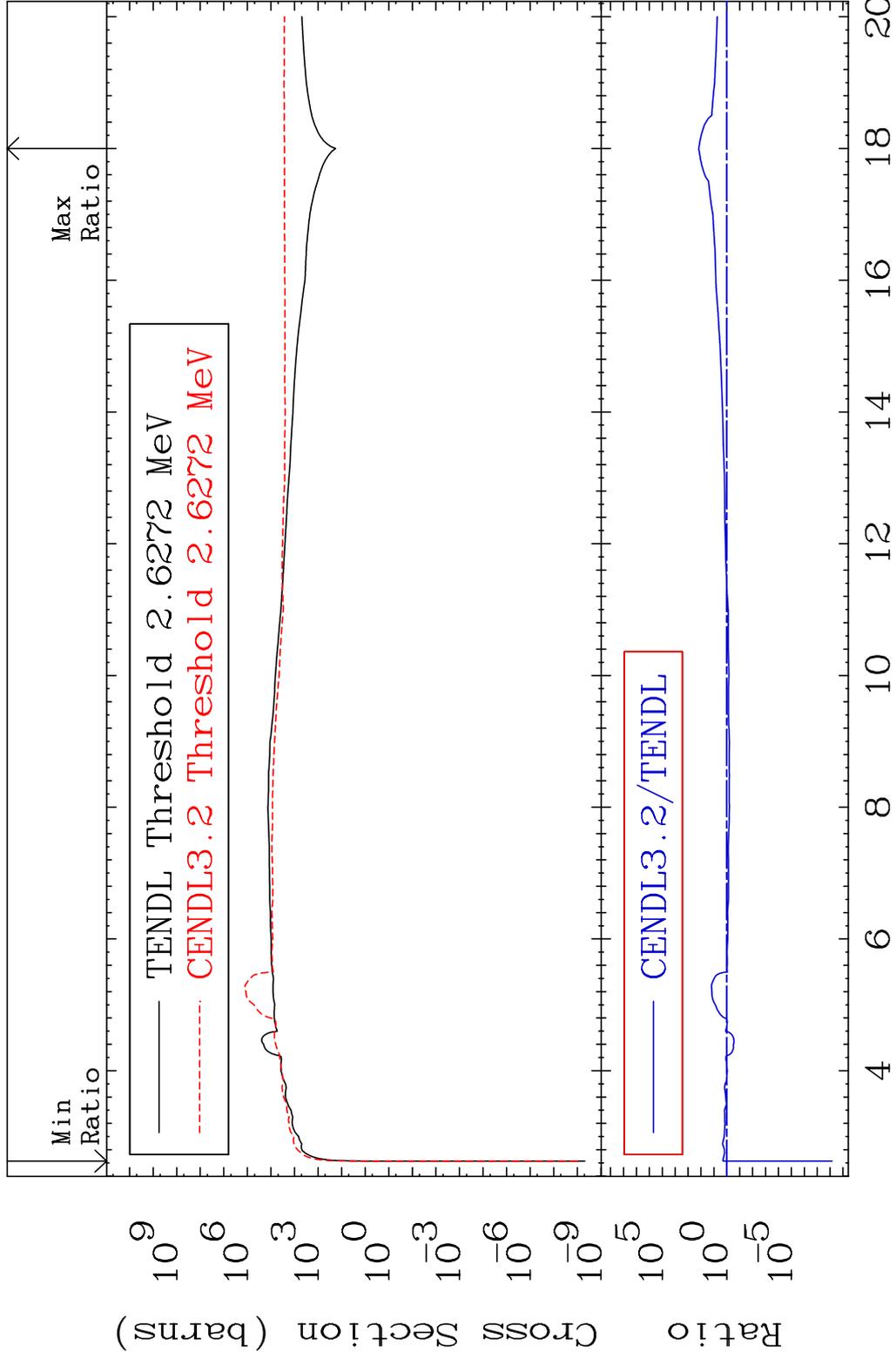
82-Pb-208

MAT 8237 Kerma non-elastic (all but mt2) 82-Pb-208
 Cross Section -99.99 To 9999. %

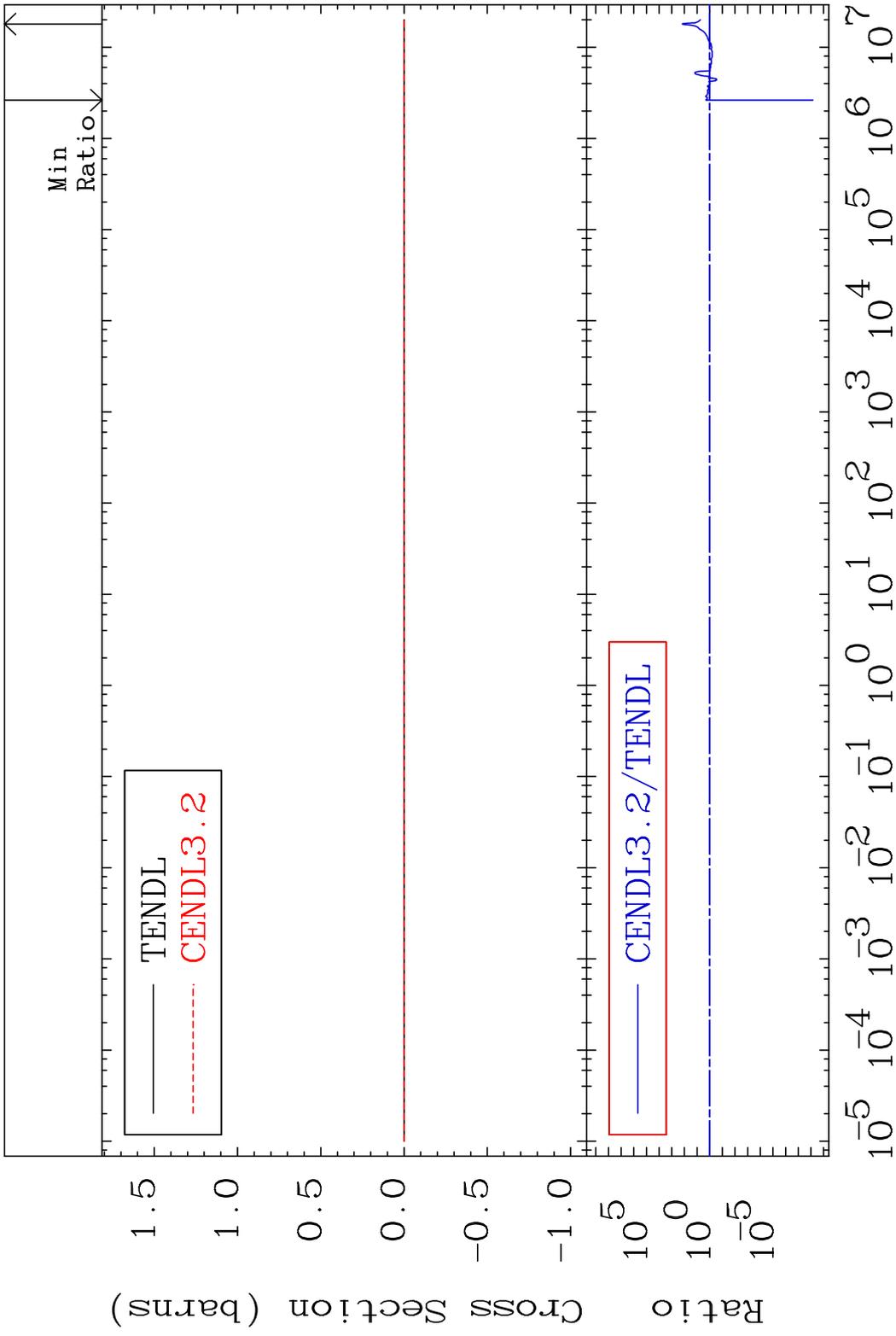


32 Incident Energy (eV) 82-Pb-208

MAT 8237 Kerma inelastic (mt51-91) 82-Pb-208
 Cross Section -100.0 To 9999. %

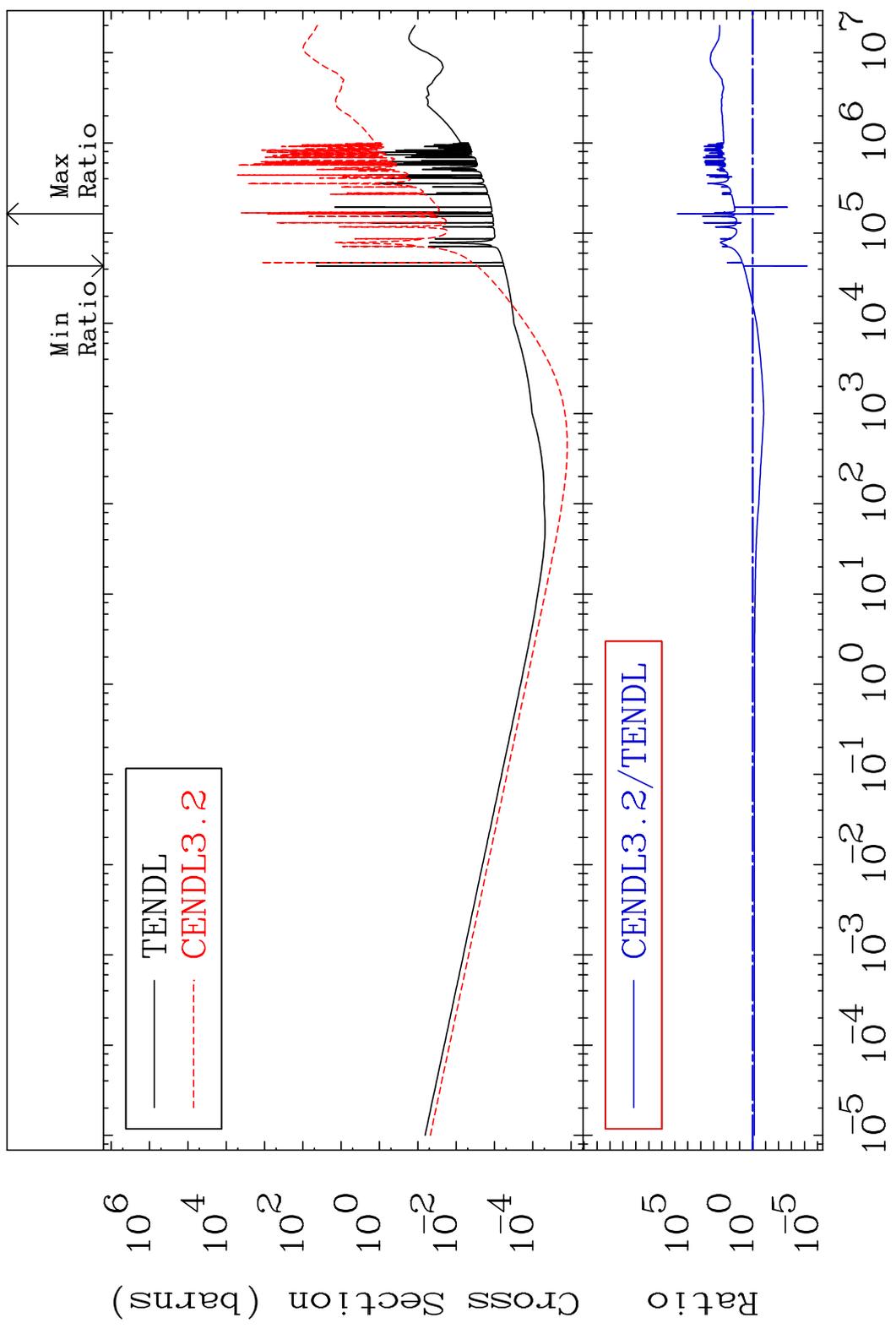


MAT 8237 Kerma fission (mt18 or mt19-20-21-38) β 2-Pb-208
 Cross Section -100.0 To 9999. %



MAT 8237

Kerma capture (mt102) 82-Pb-208
Cross Section -99.99 To 9999. %

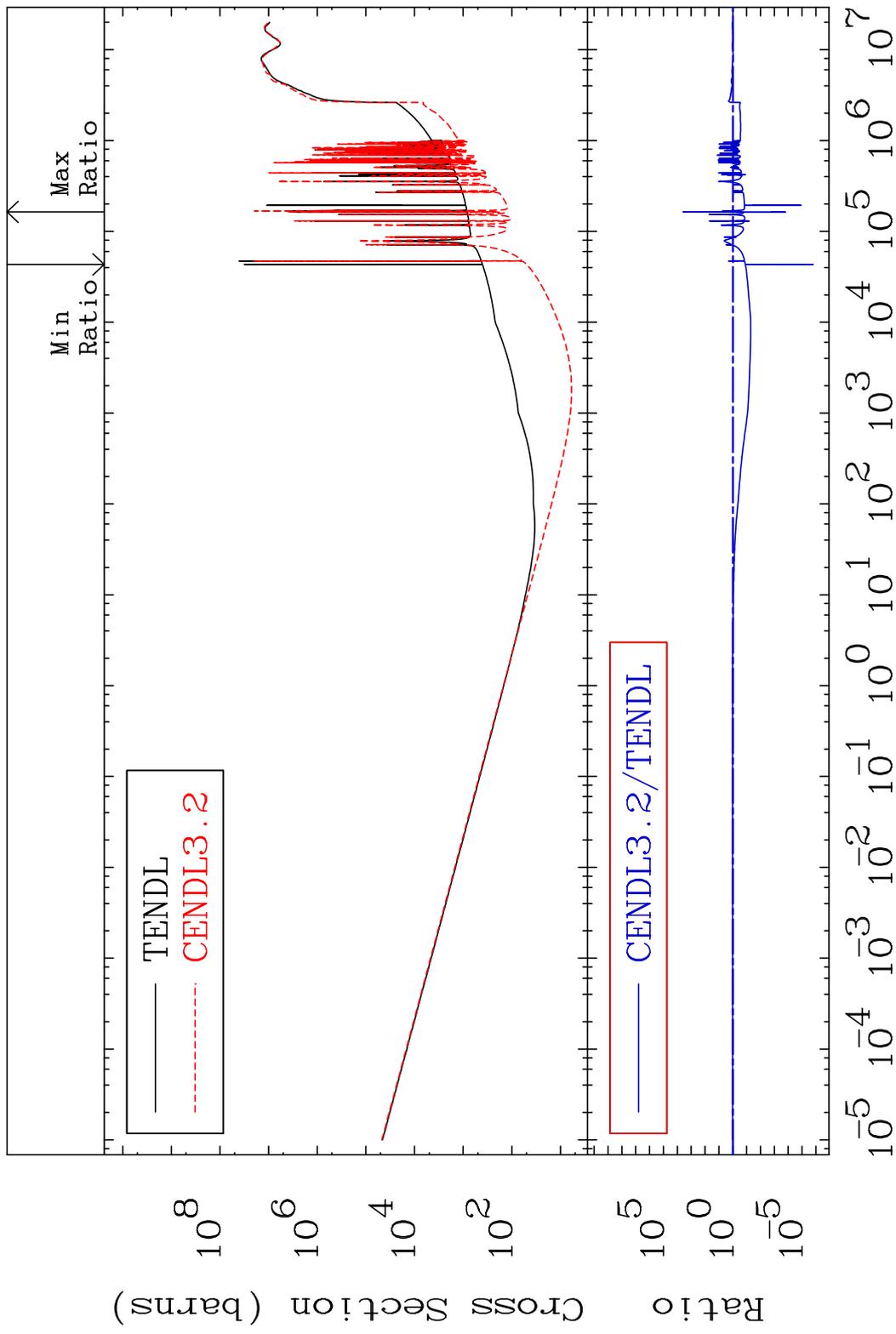


35

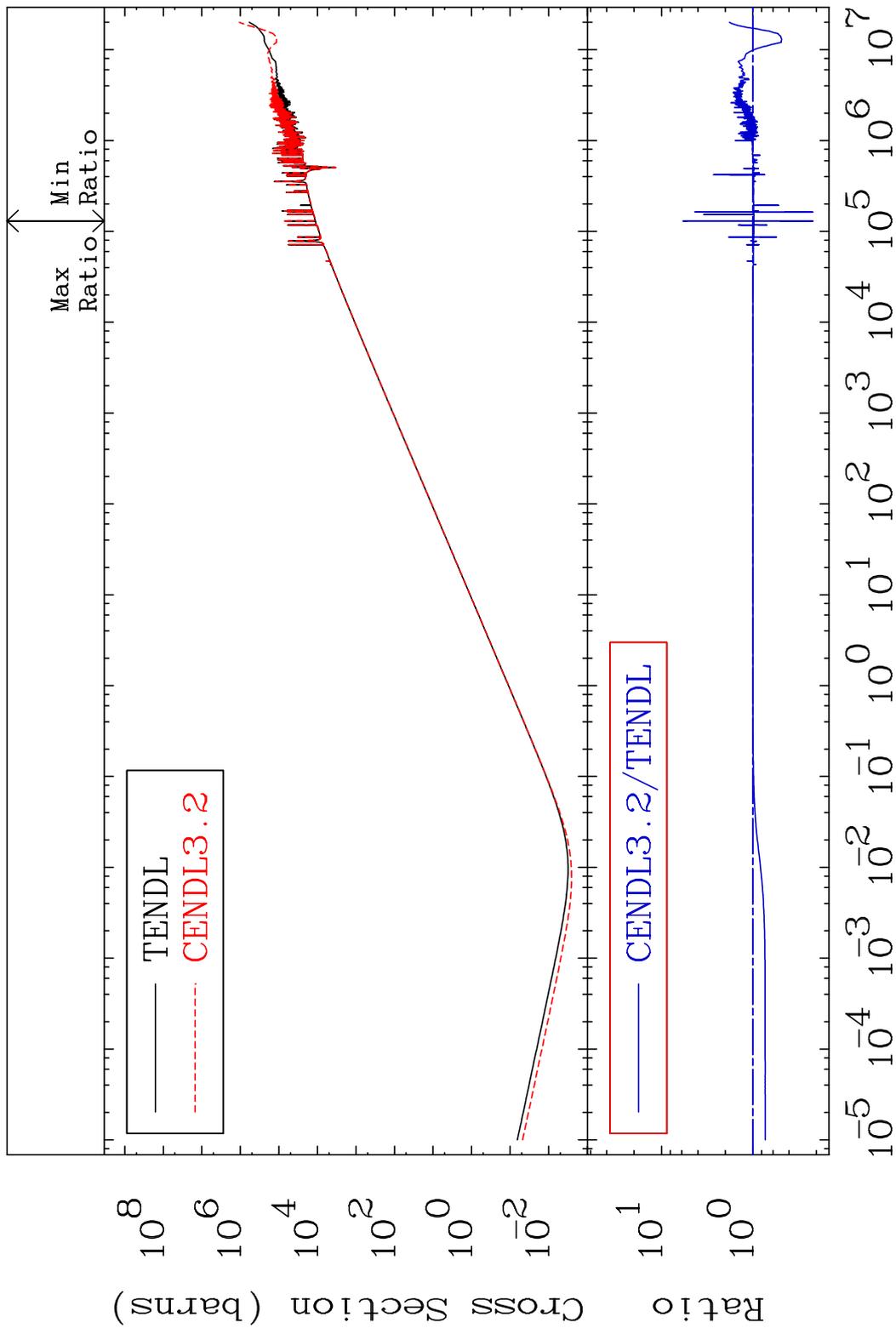
Incident Energy (eV)

82-Pb-208

MAT 8237 Total photon (eV-barns) 82-Pb-208
 Cross Section -100.0 To 9999. %



MAT 8237 Total kinematic kerma (high limit) 82-Pb-208
 Cross Section -78.25 To 484.3 %



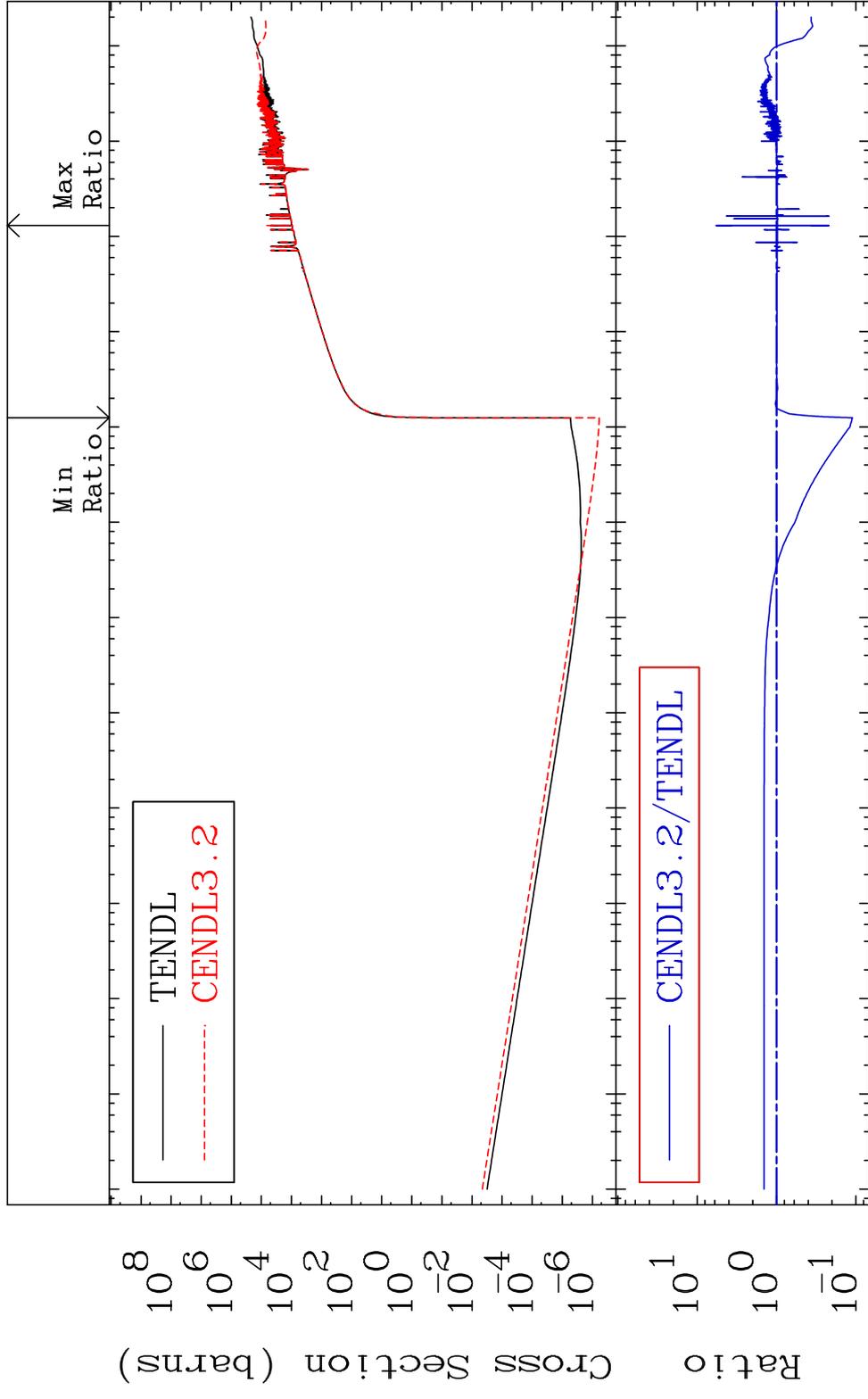
MAT 8237

Dpa total (eV-barns)

82-Pb-208

Cross Section

-88.94 To 480.9 %

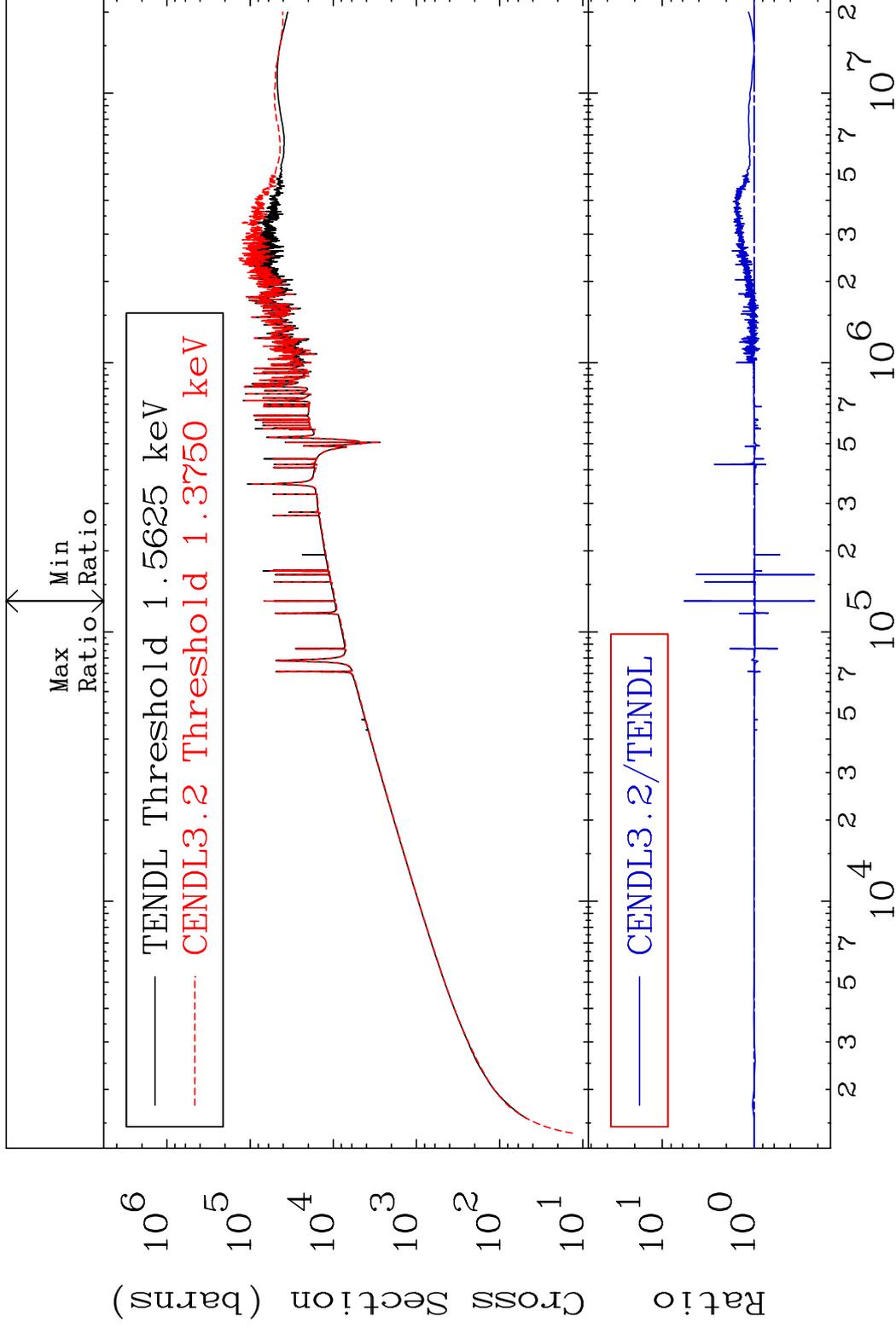


MAT 8237

Dpa elastic (mt2)

82-Pb-208

Cross Section -78.26 To 480.9 %

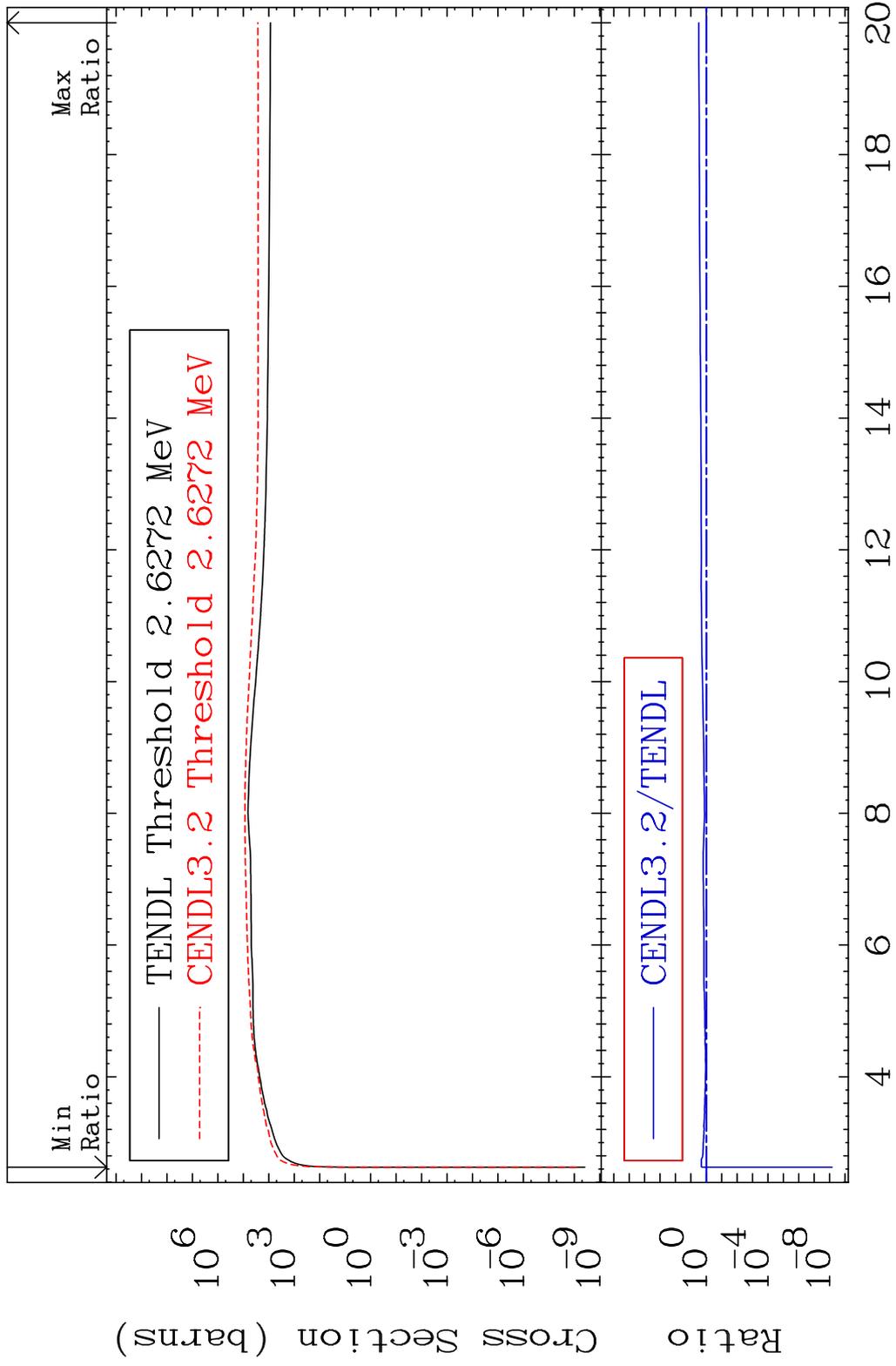


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Incident Energy (eV)

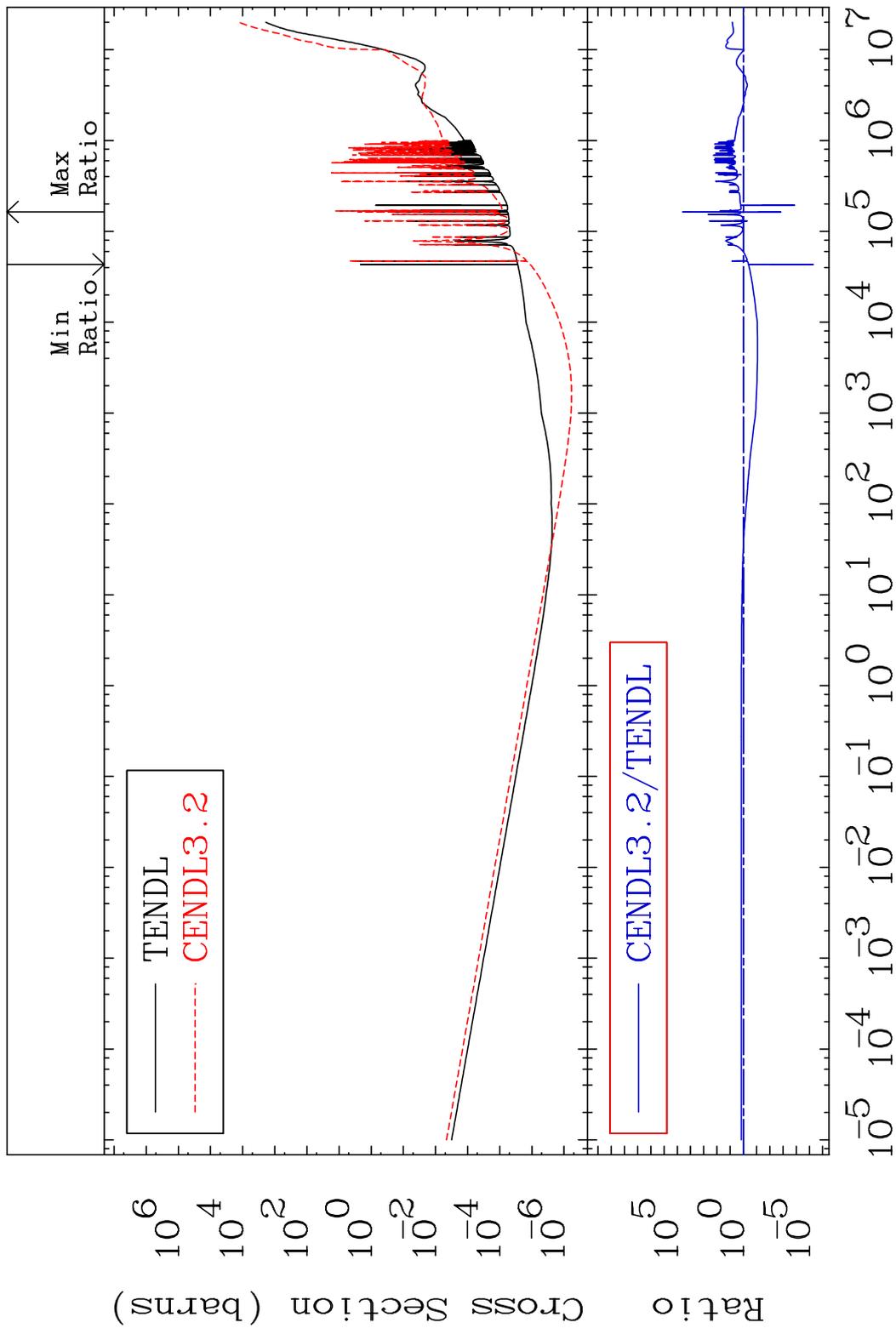
82-Pb-208

MAT 8237 Dpa inelastic (mt51-91) 82-Pb-208
 Cross Section -100.0 To 211.4 %

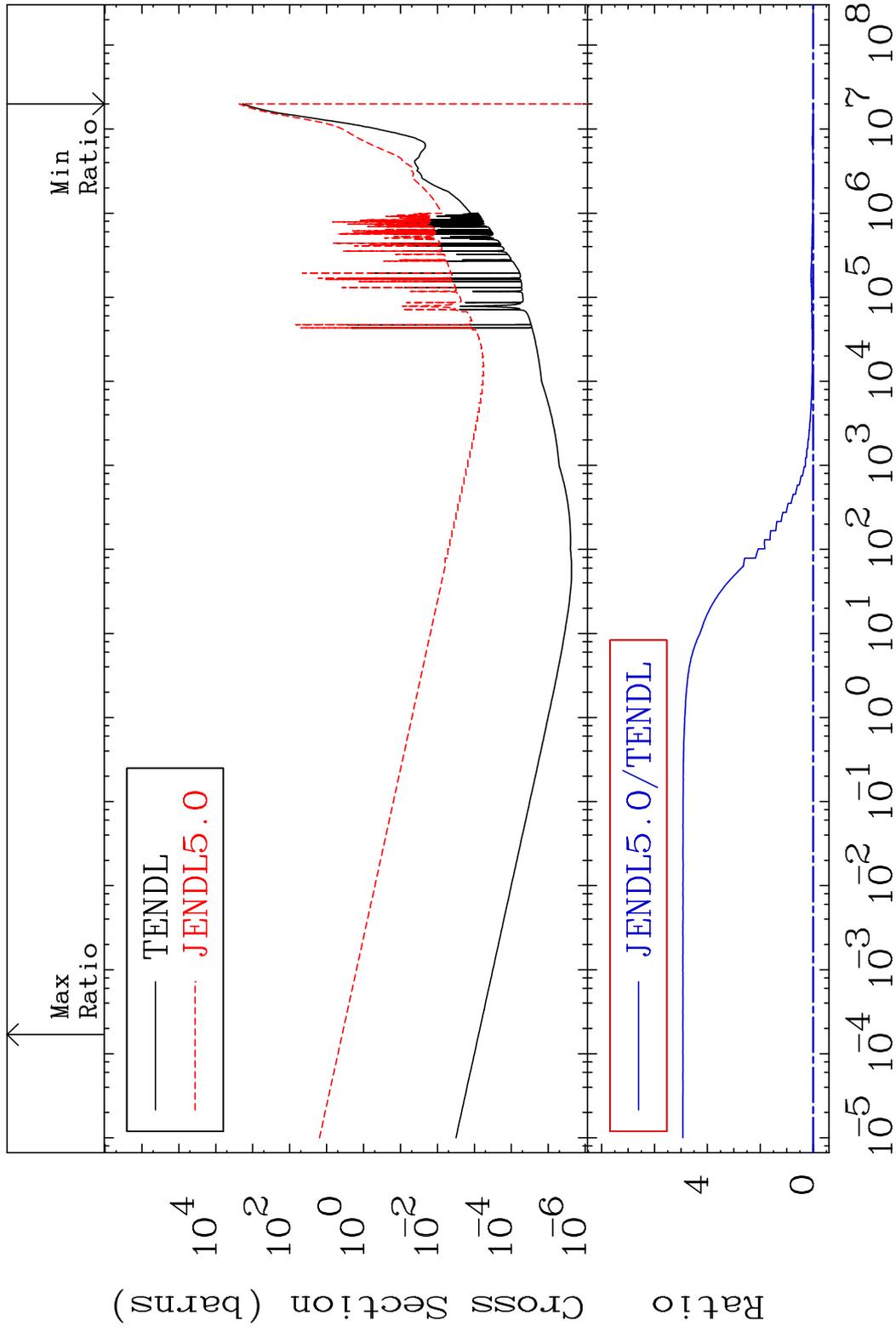


40 Incident Energy (MeV) 82-Pb-208

MAT 8237 Dpa disappearance (mt102 -120) 82-Pb-208
 Cross Section -100.0 To 9999. %



MAT 8237 Dpa disappearance (mt102 -120) 82-Pb-208
 Cross Section -100.0 To 9999. %

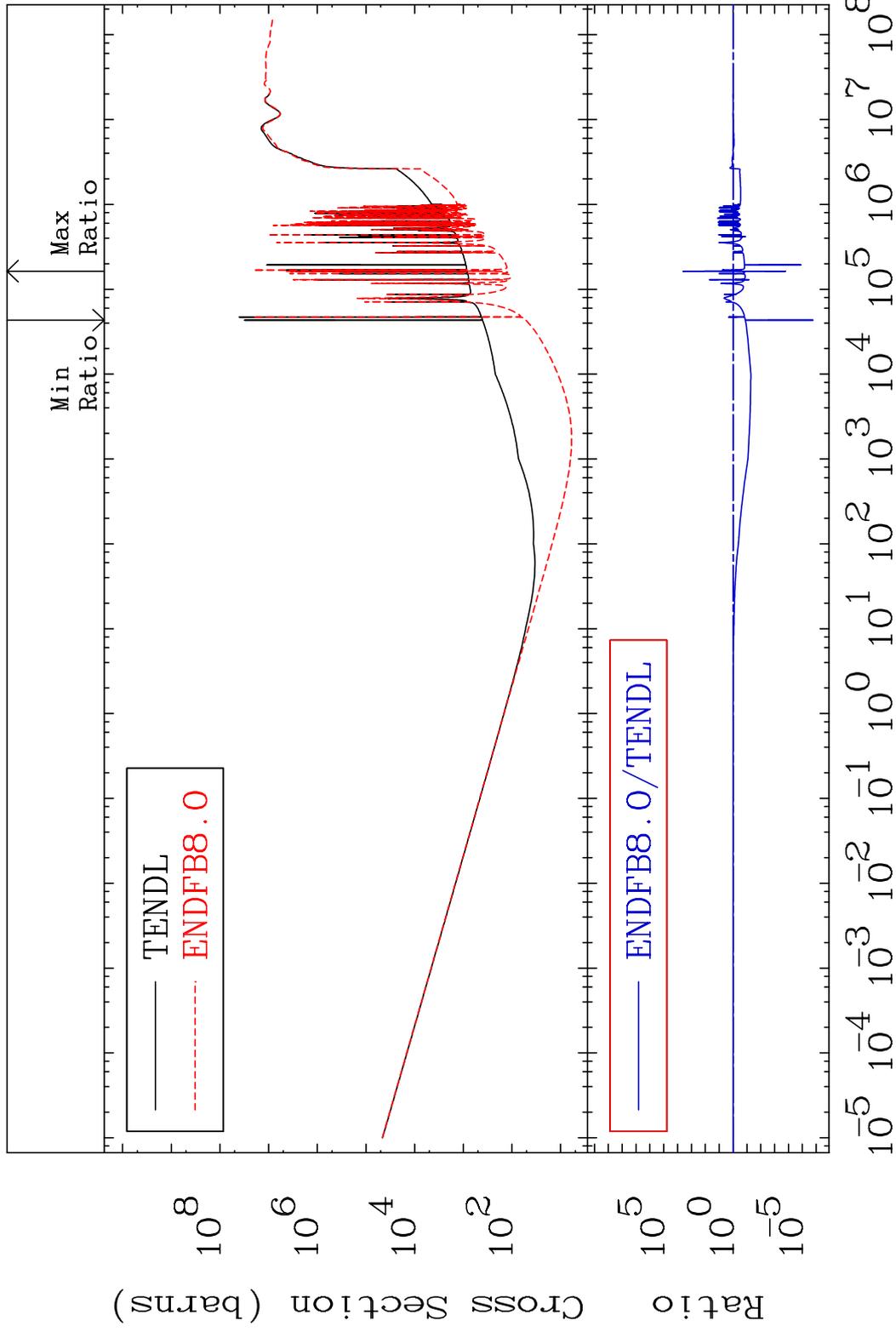


MAT 8237

Total photon (eV-barns)

82-Pb-208

Cross Section -100.0 To 9999. %

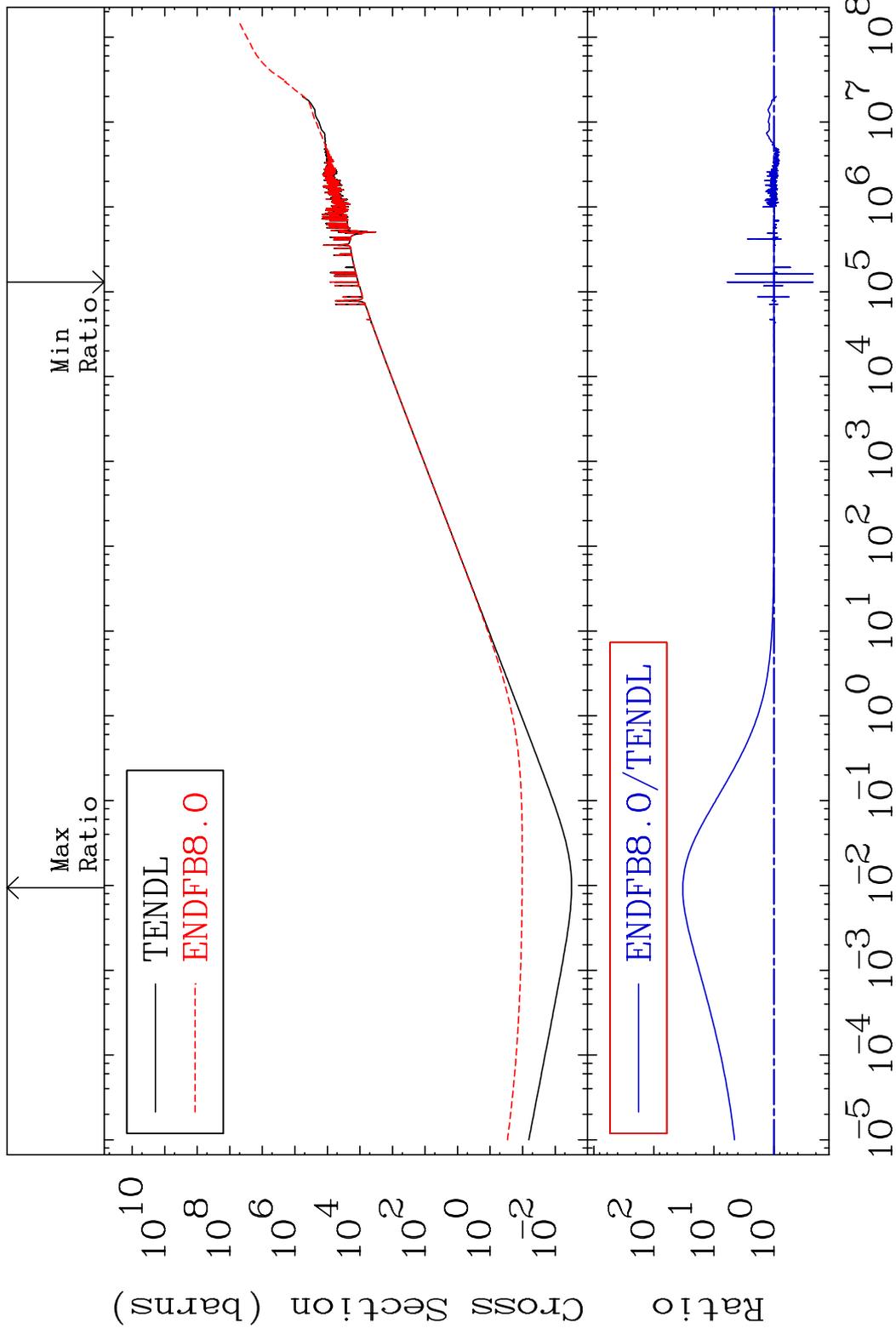


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Incident Energy (eV)

82-Pb-208

MAT 8237 Total kinematic kerma (high limit) 82-Pb-208
 Cross Section -77.75 To 3189. %

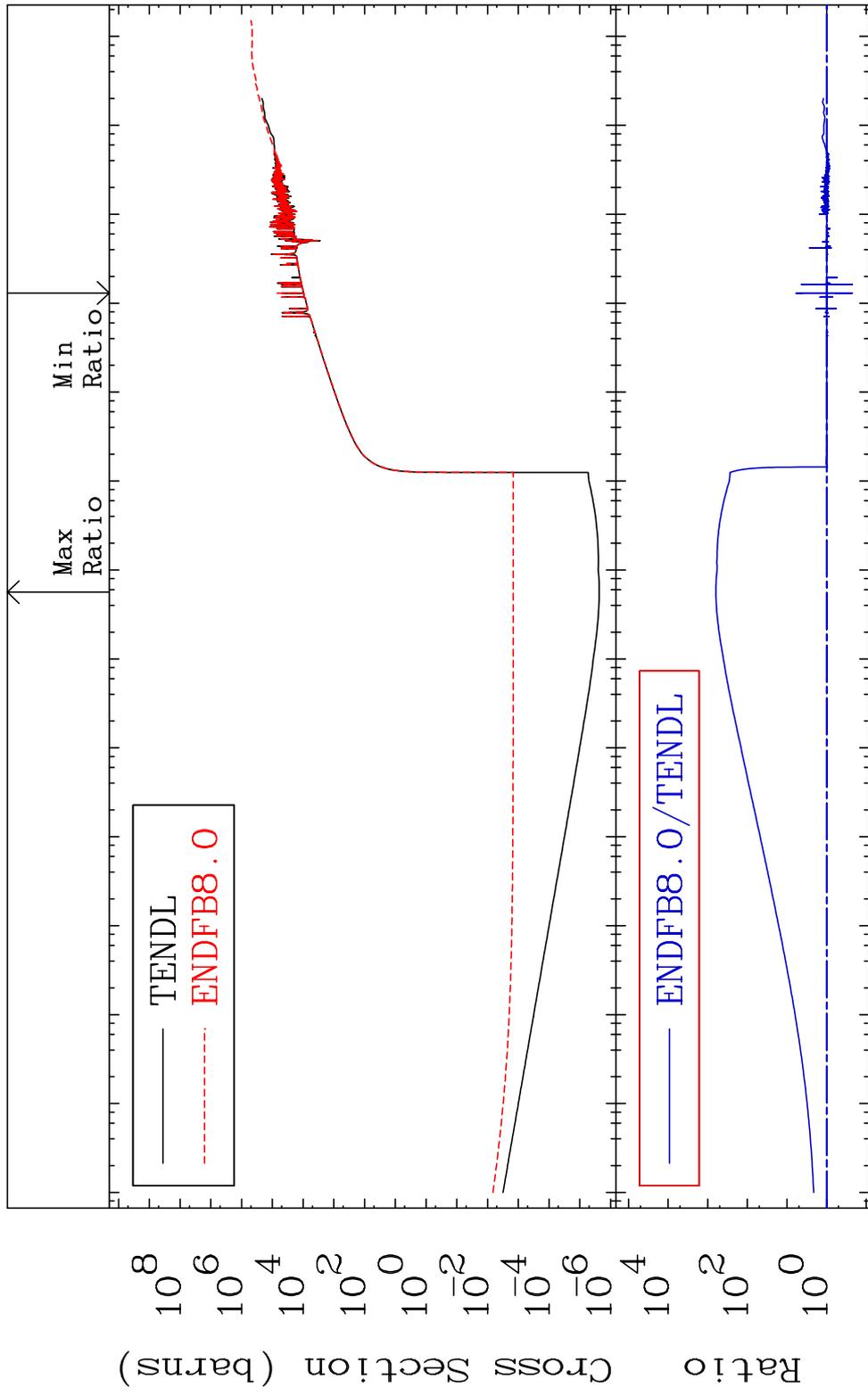


MAT 8237

Dpa total (eV-barns)

82-Pb-208

Cross Section -77.777 To 9999. %



45

Incident Energy (eV)

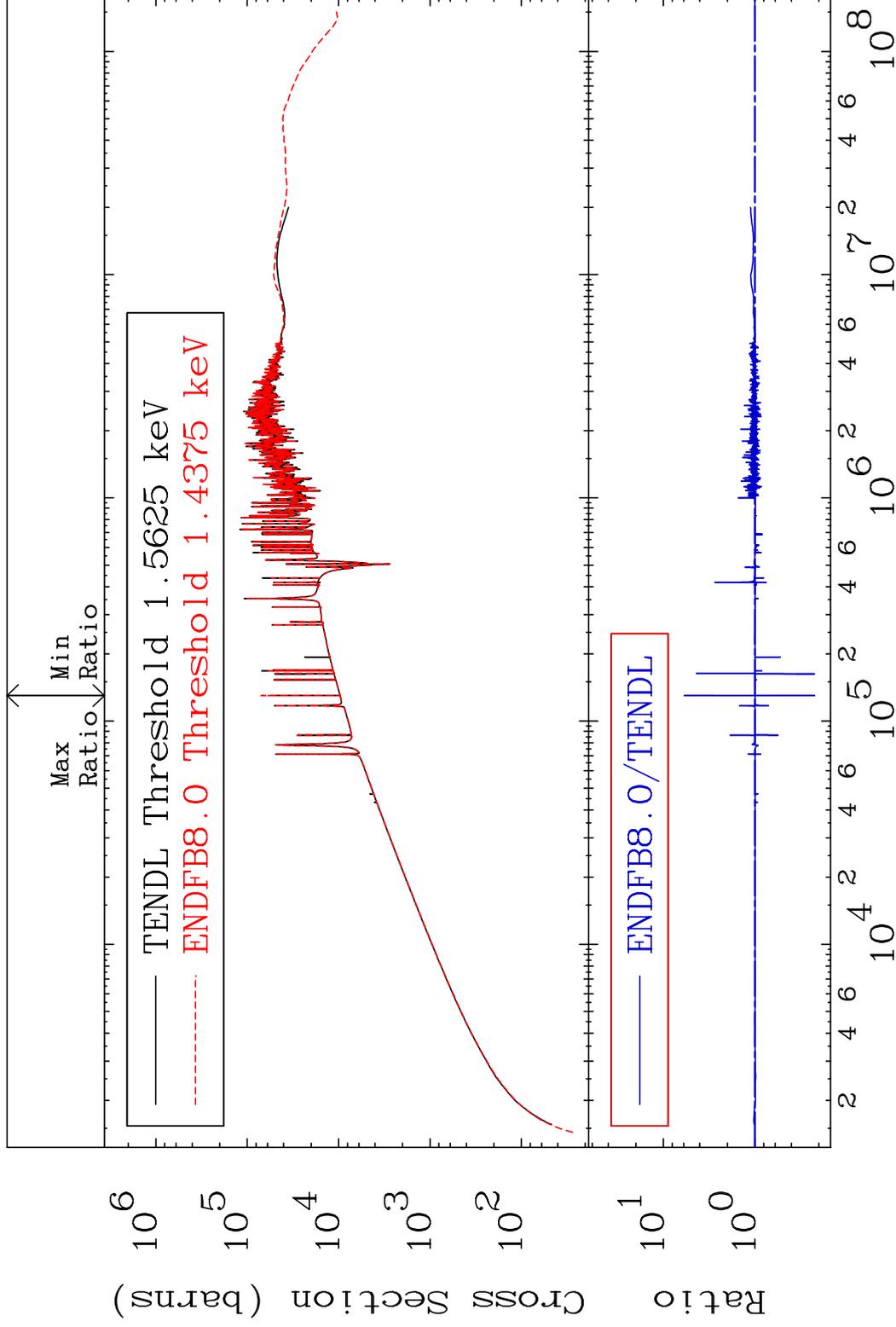
82-Pb-208

MAT 8237

Dpa elastic (mt2)

82-Pb-208

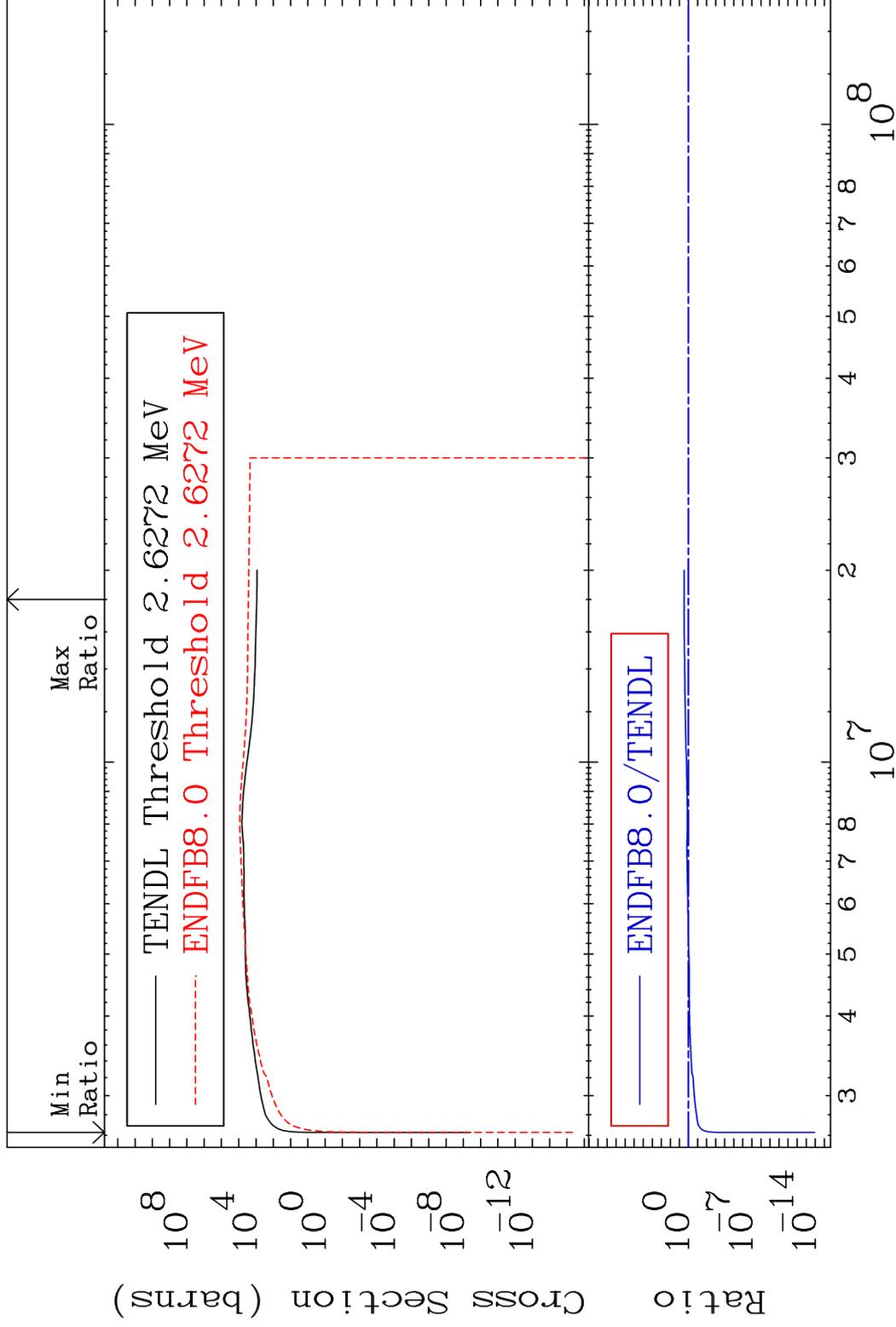
Cross Section -77.77 To 493.7 %



46

Incident Energy (eV)

82-Pb-208



MAT 8237 Dpa disappearance (mt102 -120) 82-Pb-208
 Cross Section -99.92 To 9999. %

