

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

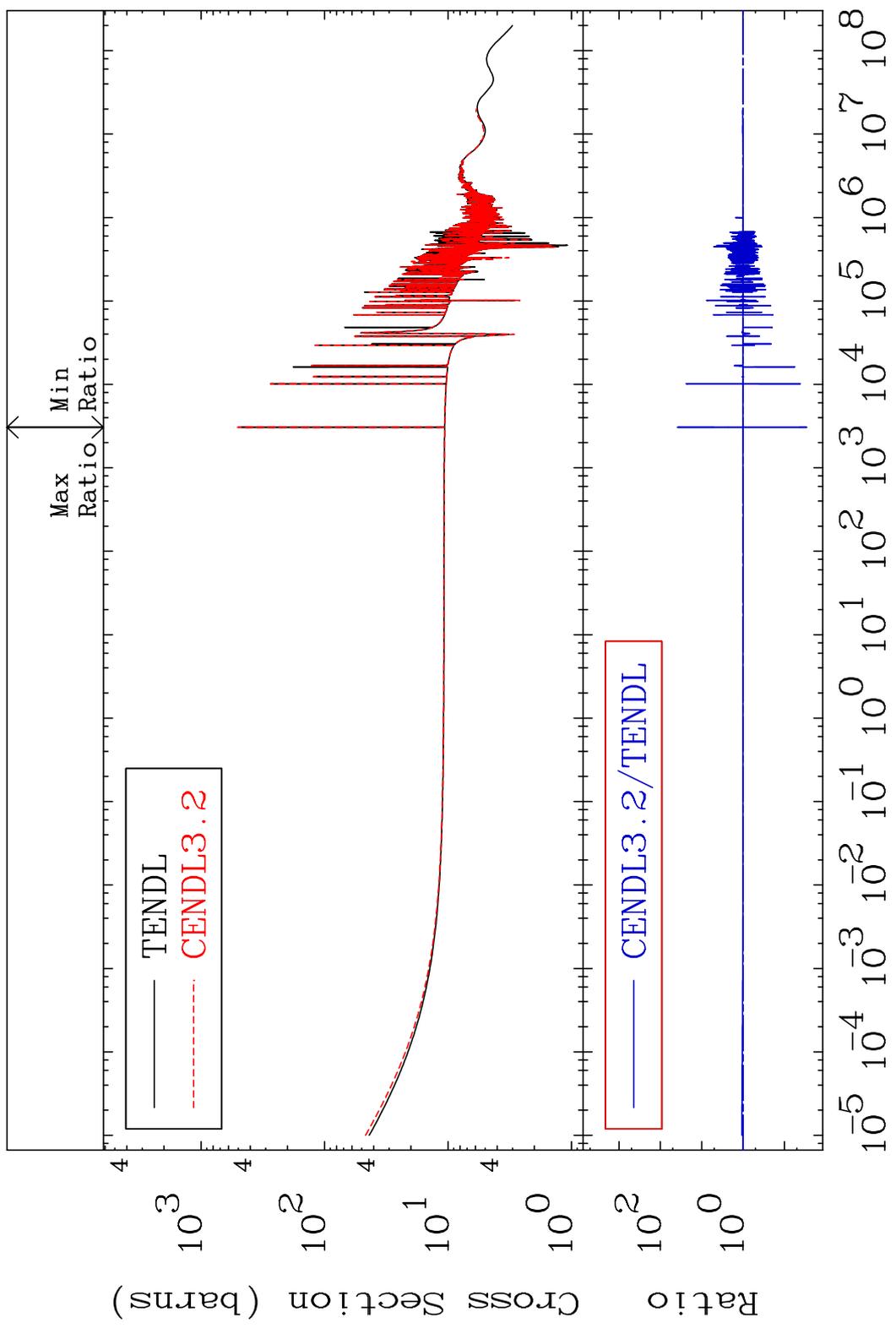
MAT 8234

Total

82-Pb-207

Cross Section

-97.16 To 3715. %



1

Incident Energy (eV)

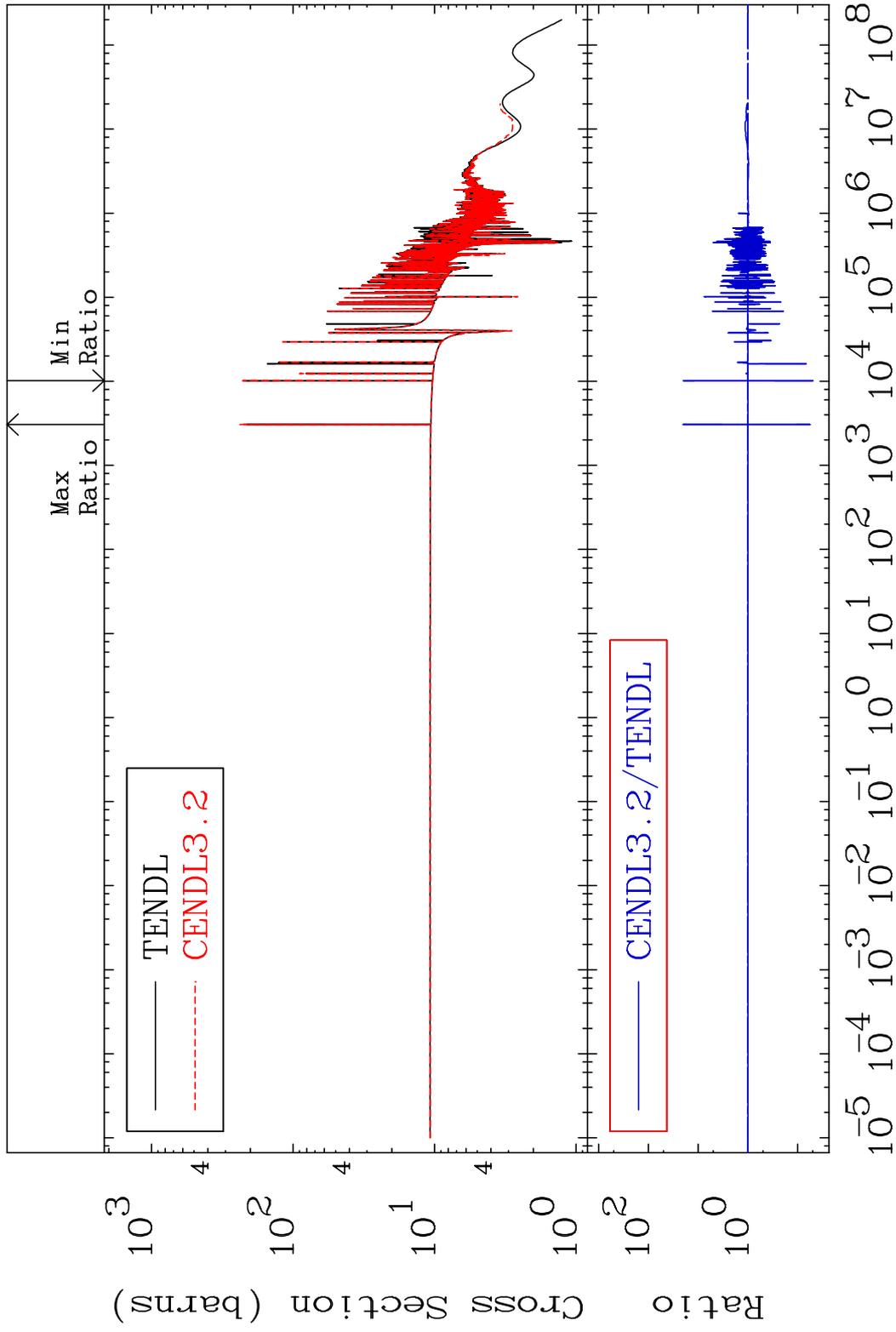
82-Pb-207

MAT 8234

Elastic

82-Pb-207

Cross Section -95.11 To 1932. %



2

Incident Energy (eV)

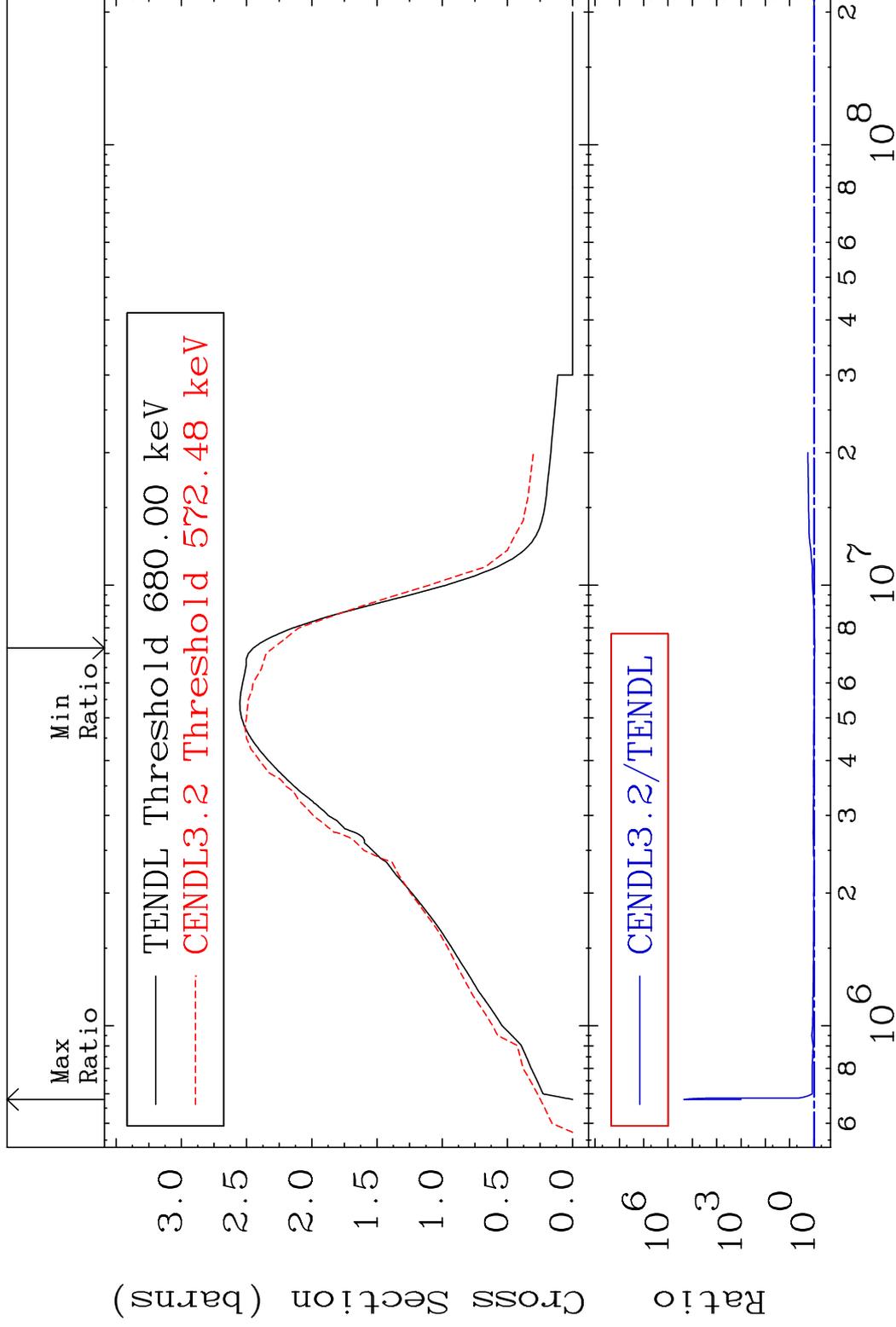
82-Pb-207

MAT 8234

Inelastic

82-Pb-207

Cross Section -6.180 To 9999. %



3

Incident Energy (eV)

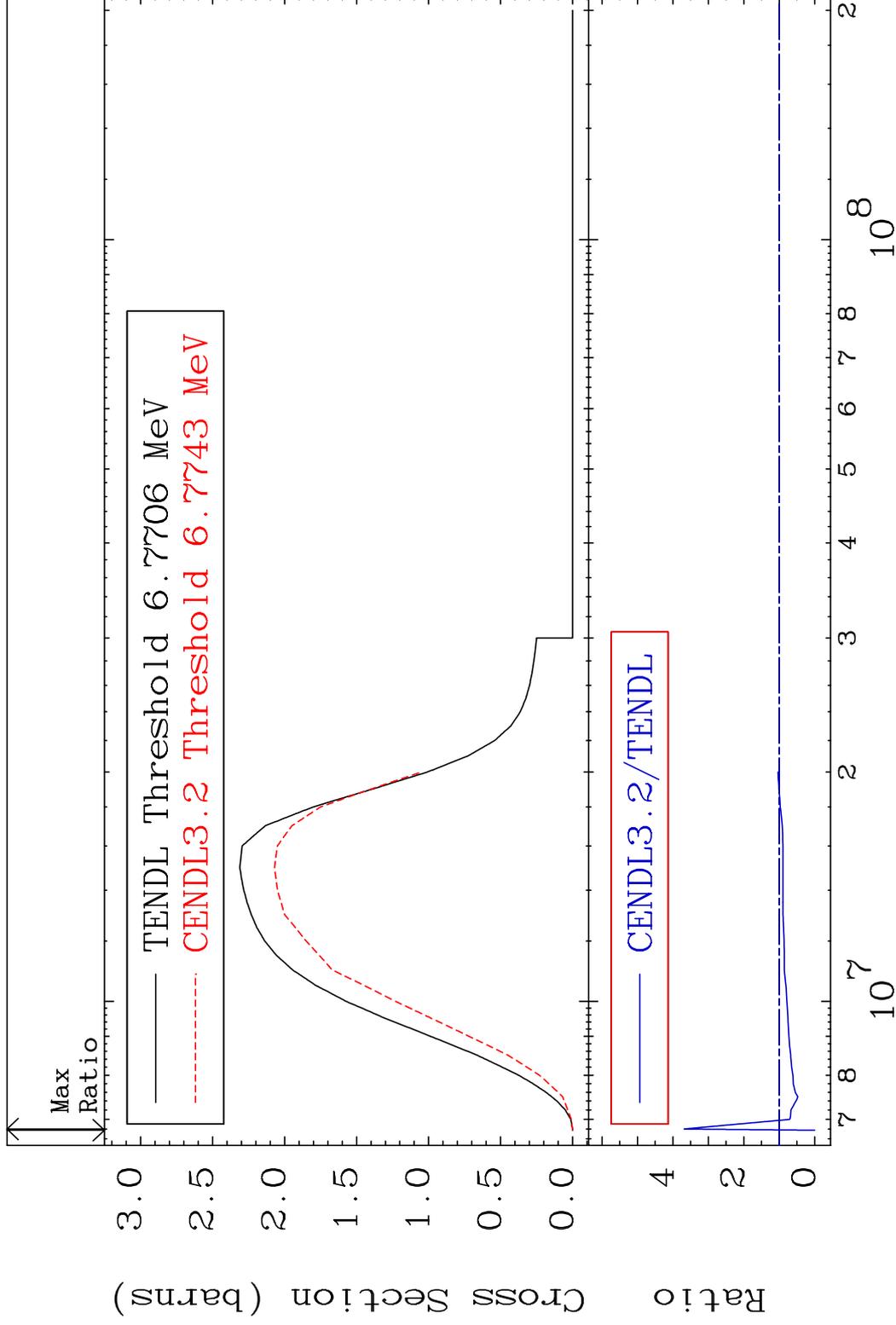
82-Pb-207

MAT 8234

(n,2n)

82-Pb-207

Cross Section -100.0 To 268.4 %



4

Incident Energy (eV)

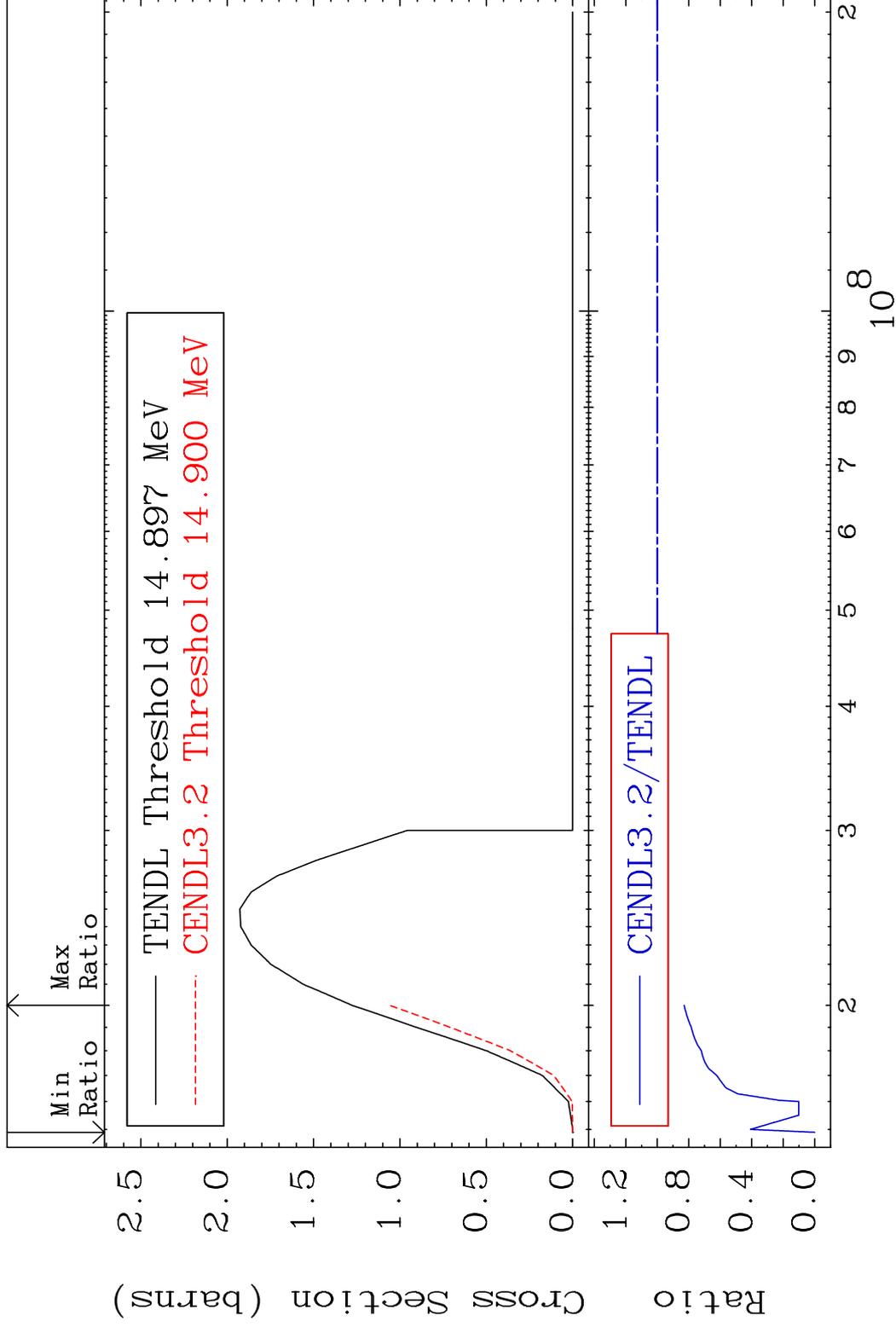
82-Pb-207

MAT 8234

(n,3n)

82-Pb-207

Cross Section -100.0 To -17.06%

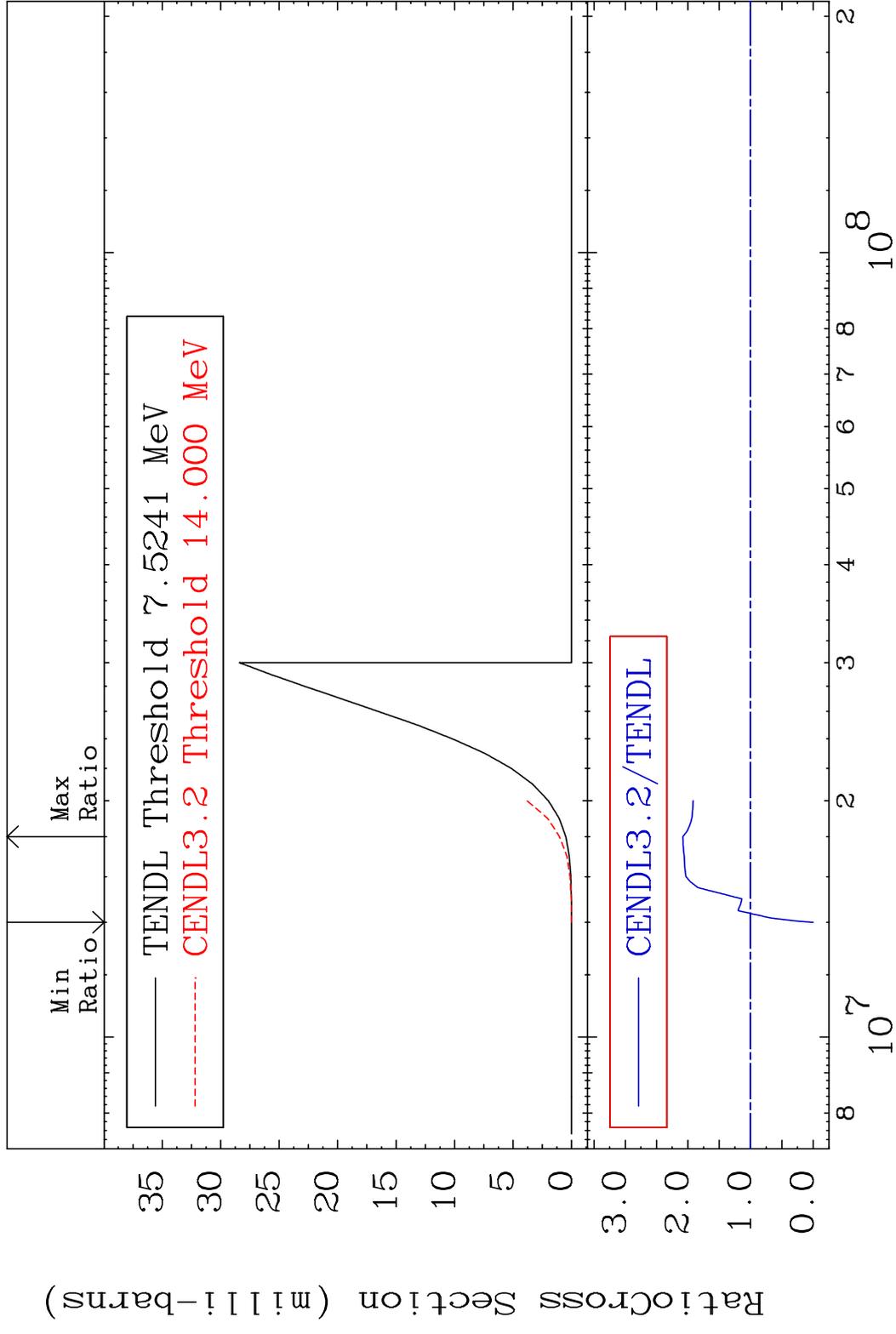


5

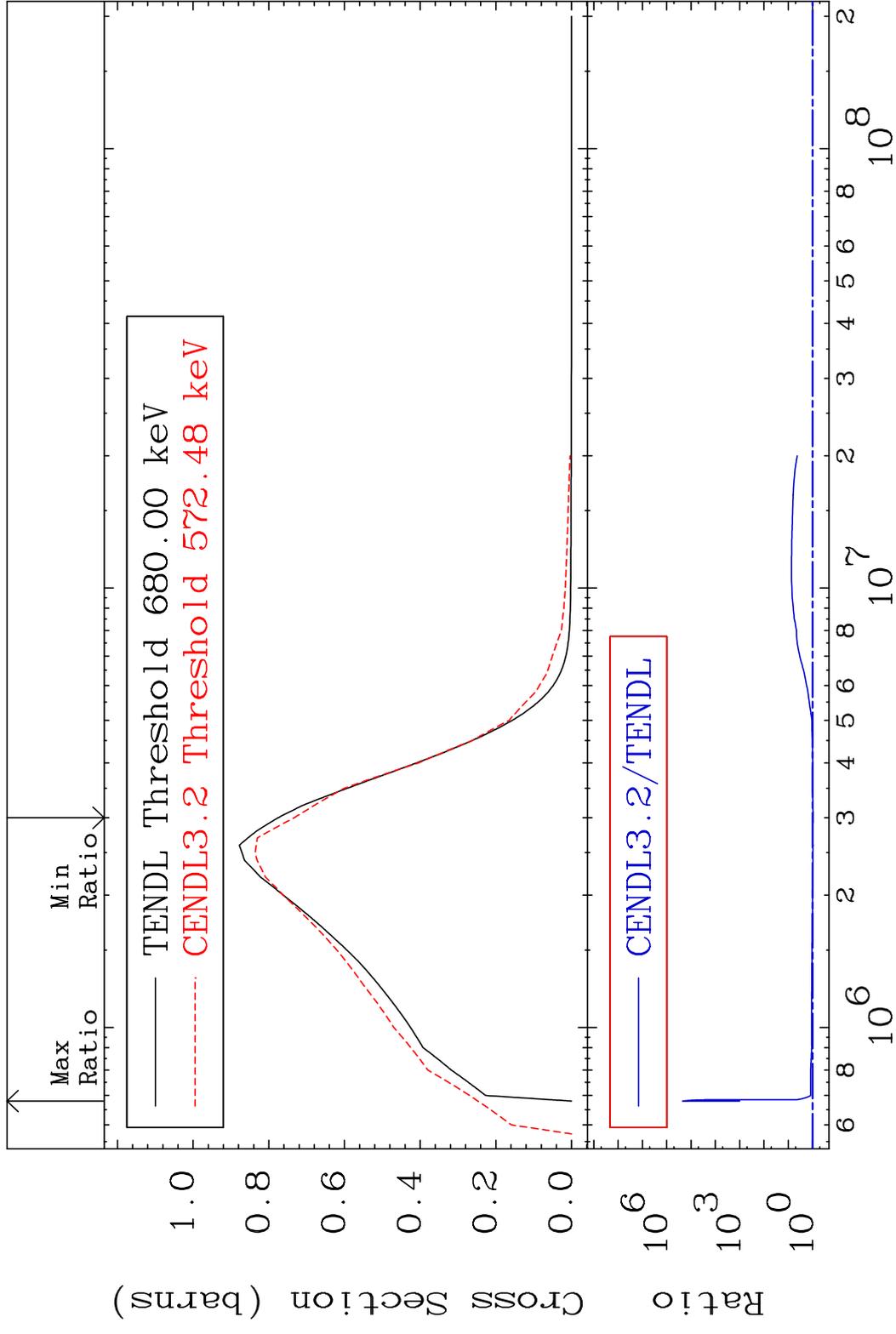
Incident Energy (eV)

82-Pb-207

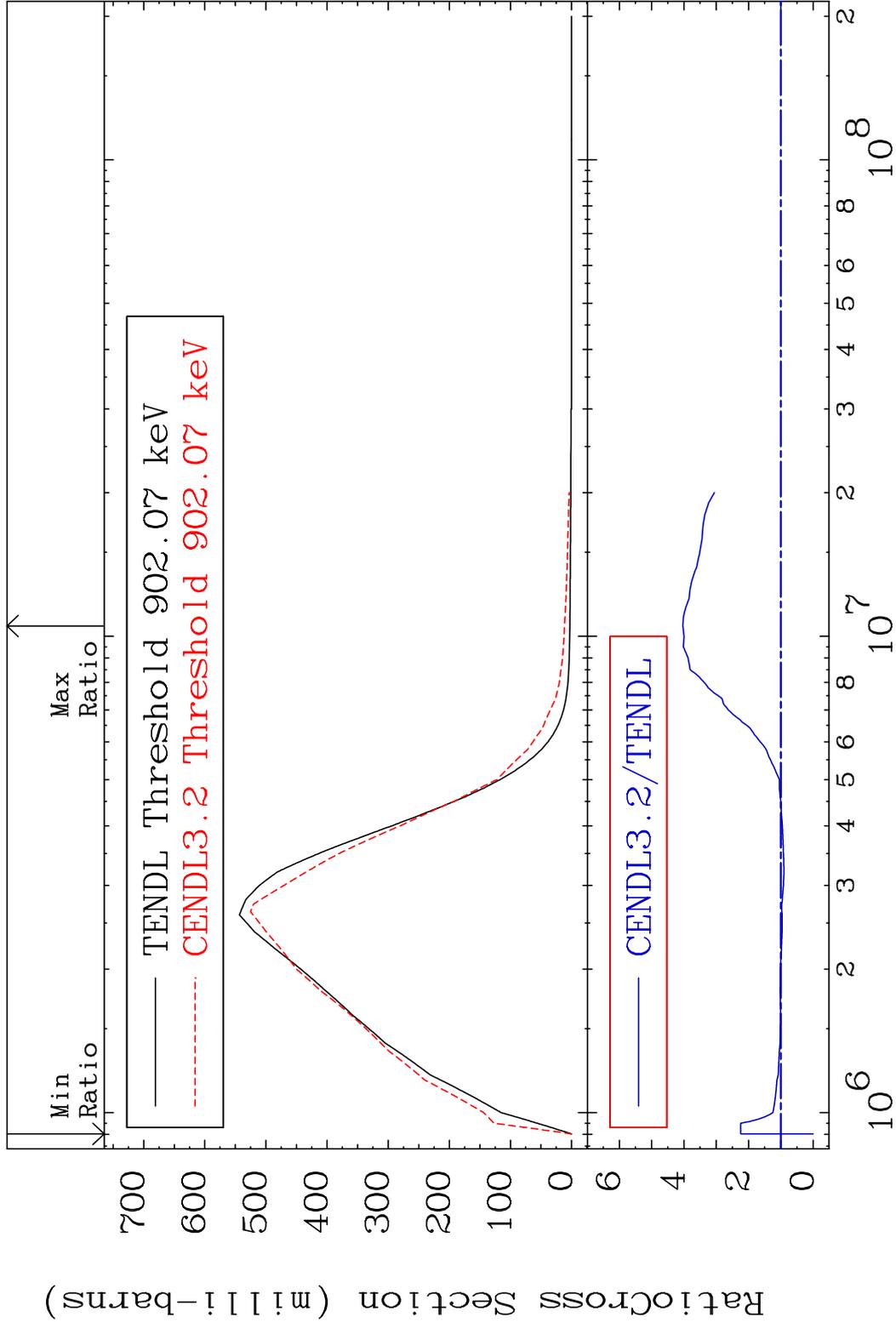
MAT 8234 (n, n') p 82-Pb-207
 Cross Section -100.0 To 108.1 %



MAT 8234 MT= 51 (n,n') Level 82-Pb-207
 Cross Section -5.475 To 9999. %

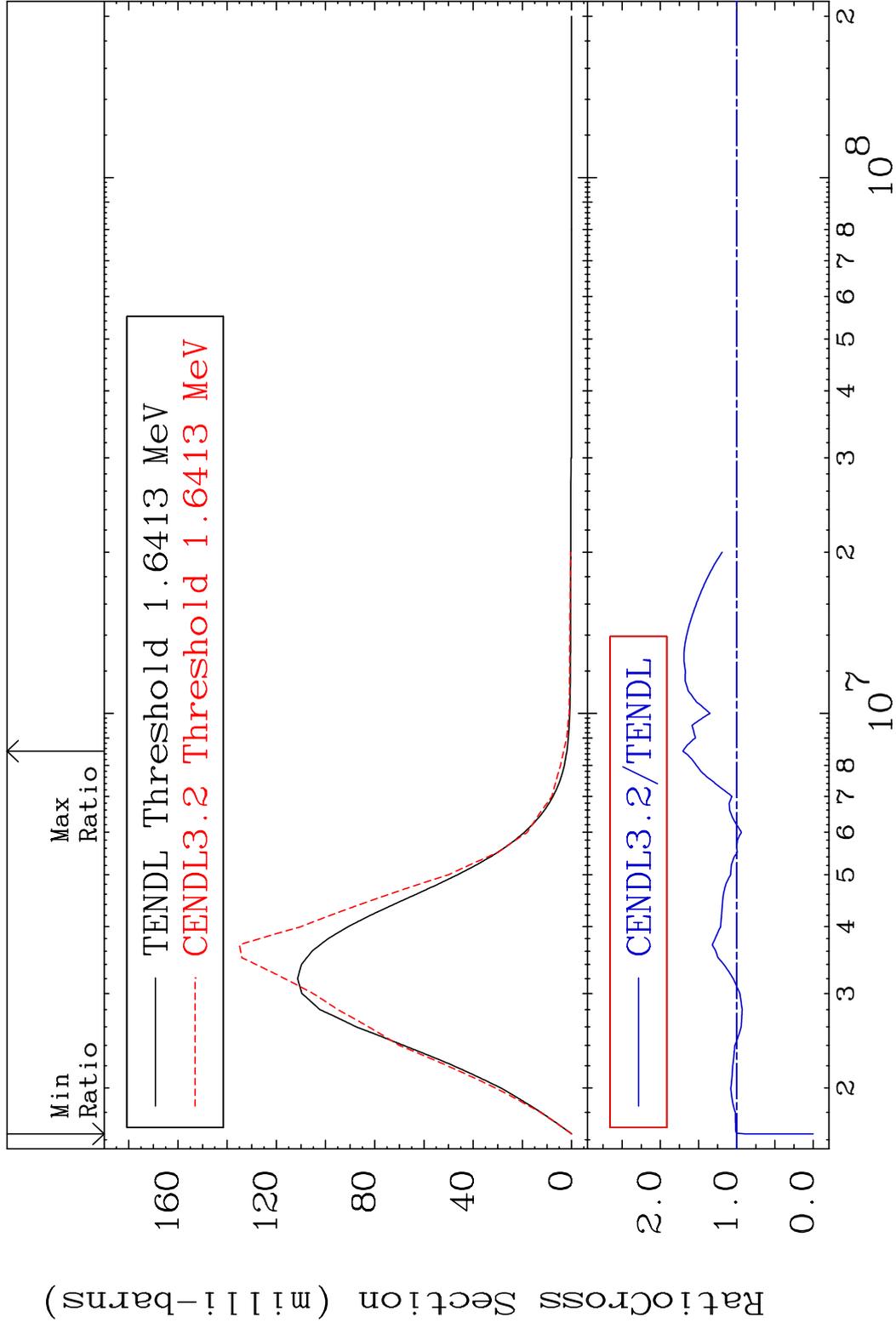


MAT 8234 MT= 52 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 303.4 %

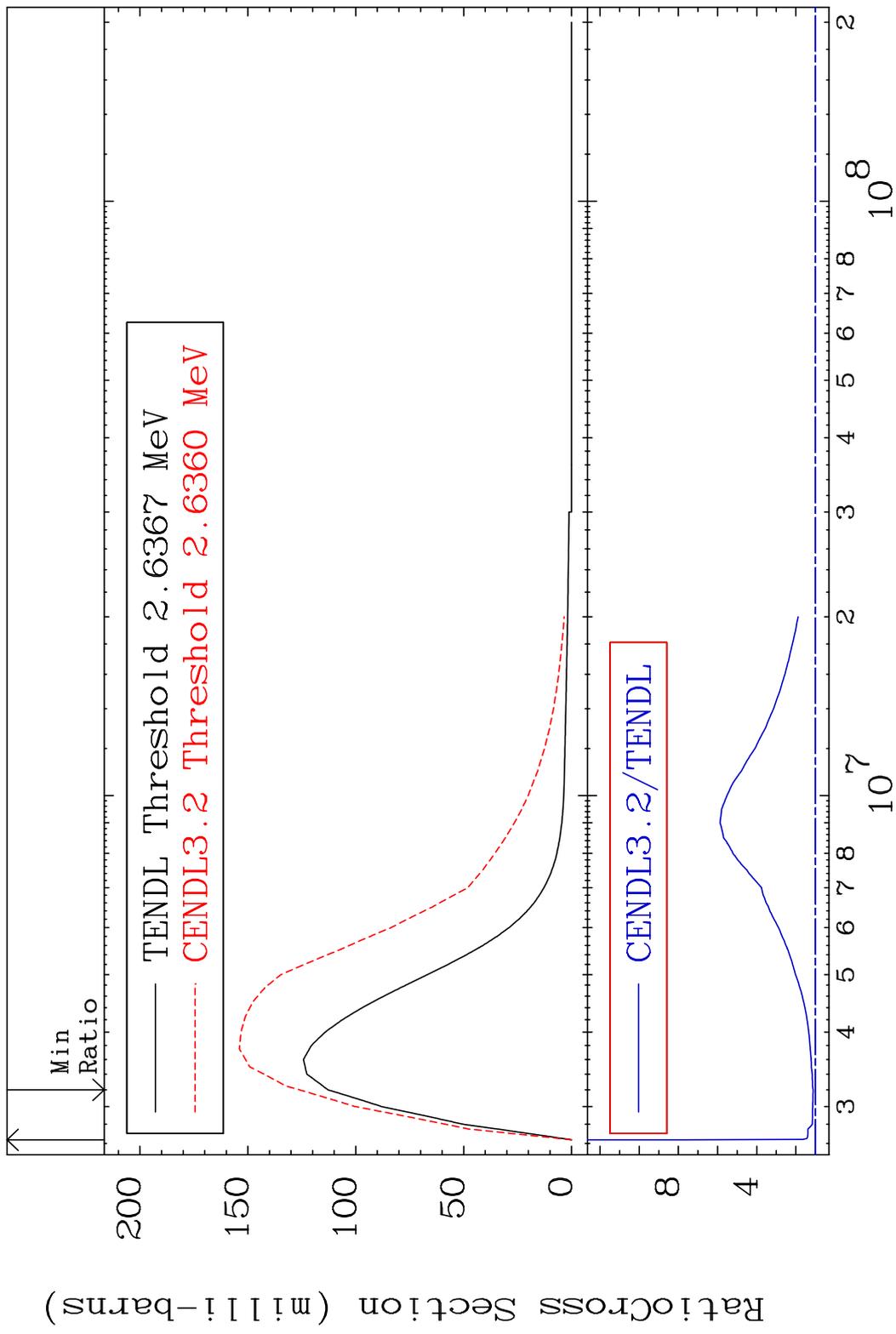


8 Incident Energy (eV) 82-Pb-207

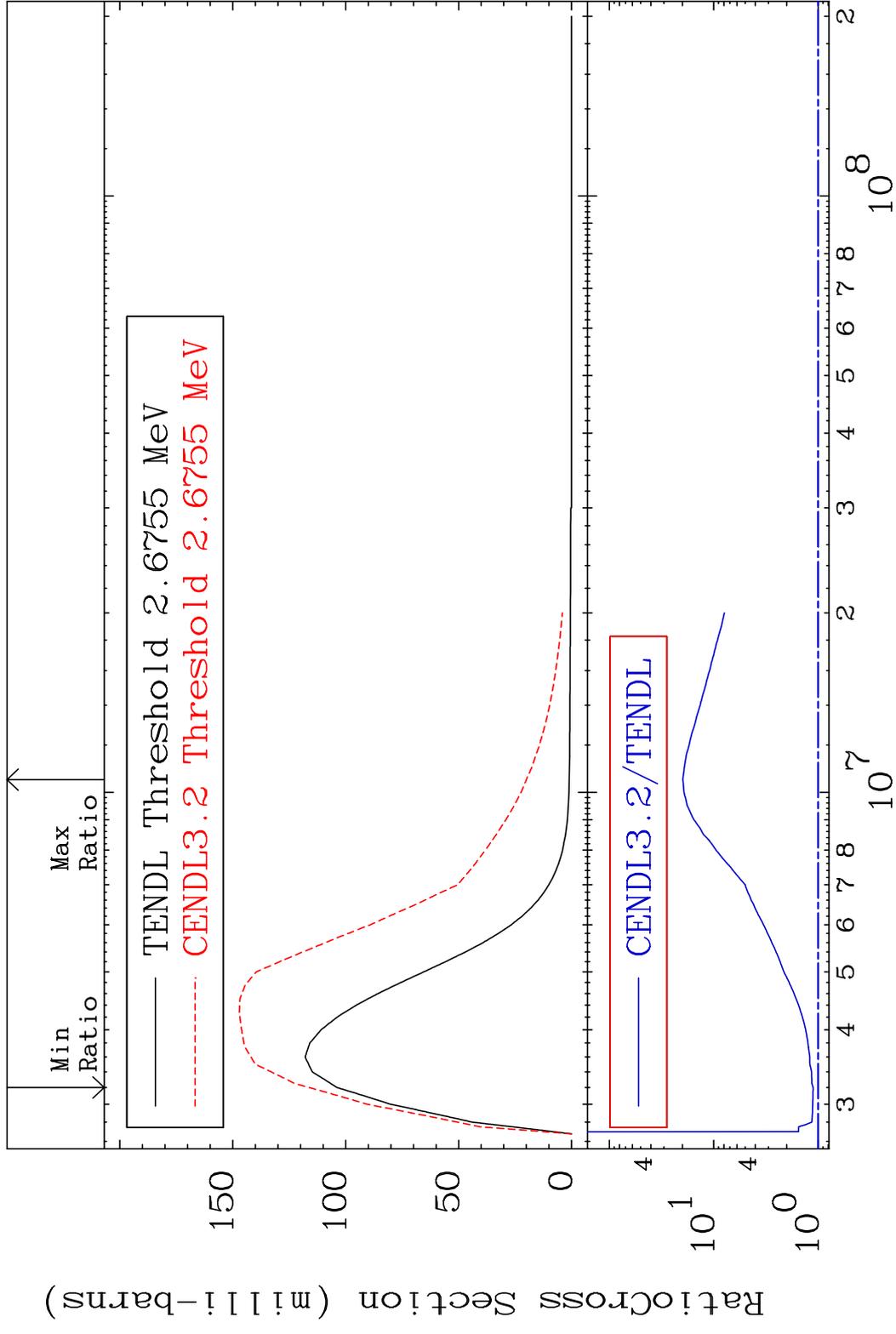
MAT 8234 MT= 53 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 70.58 %



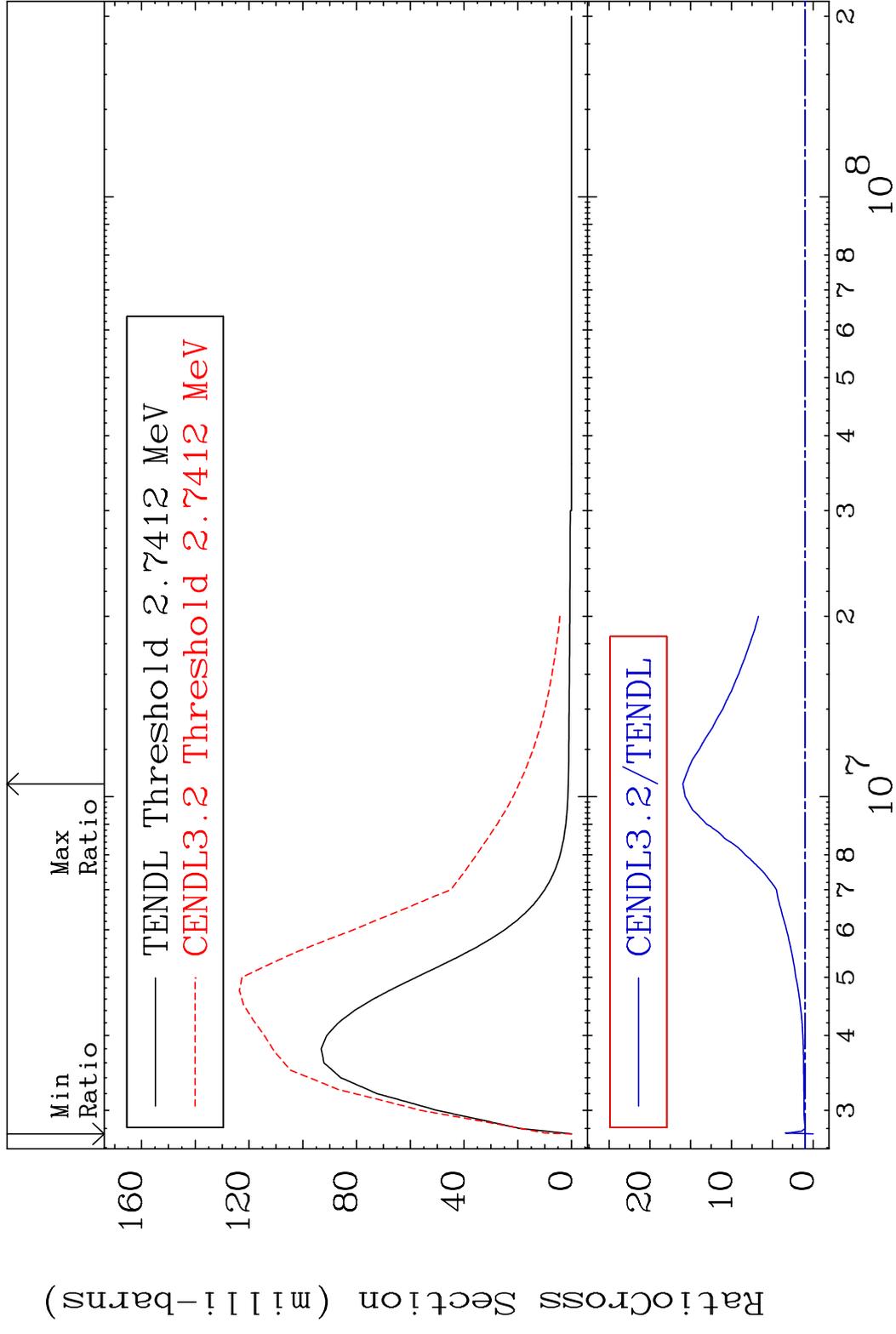
MAT 8234 MT= 55 (n, n') Level 82-Pb-207
 Cross Section 11.74 To 677.4 %



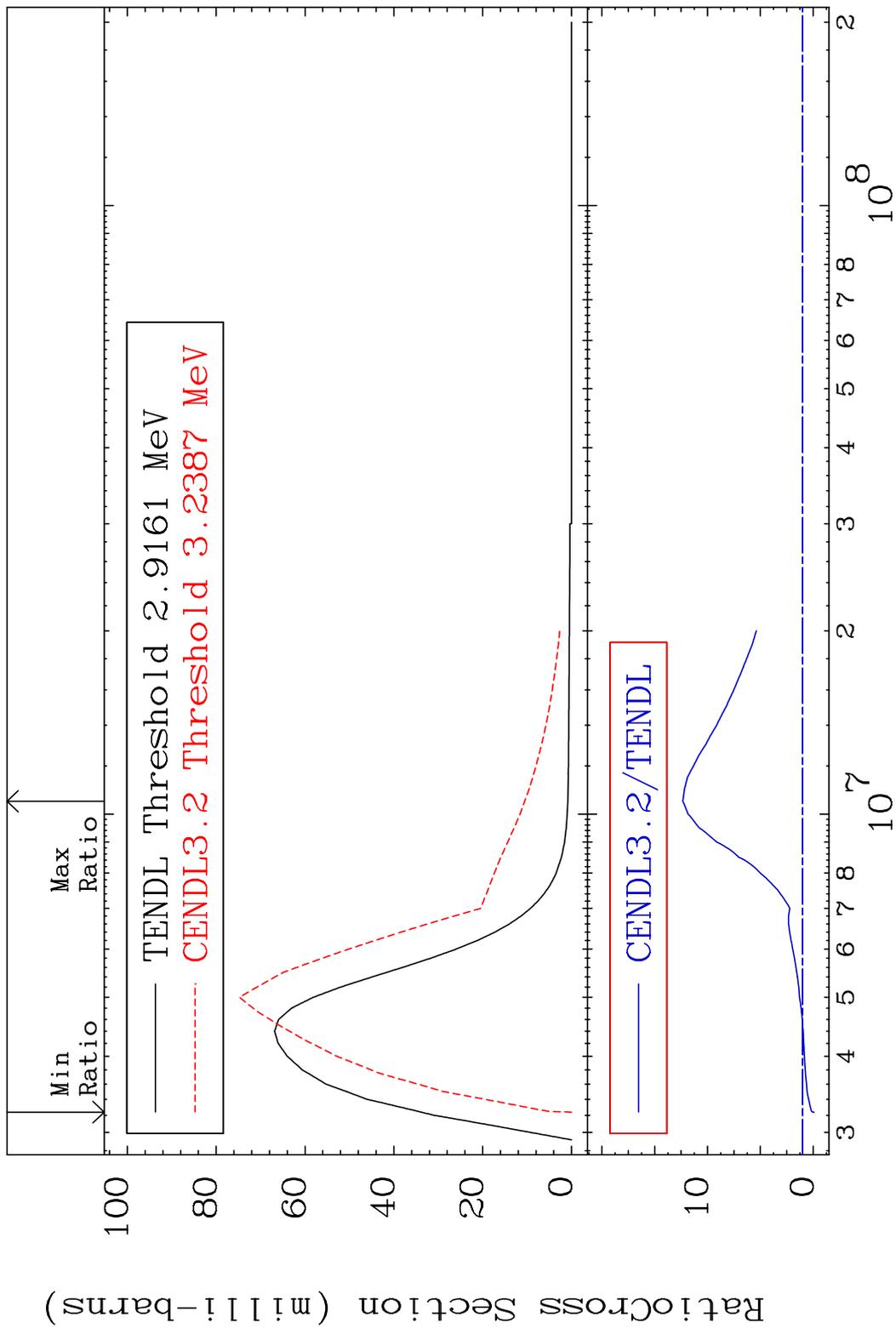
MAT 8234 MT= 56 (n,n') Level 82-Pb-207
 Cross Section 11.85 To 1877. %



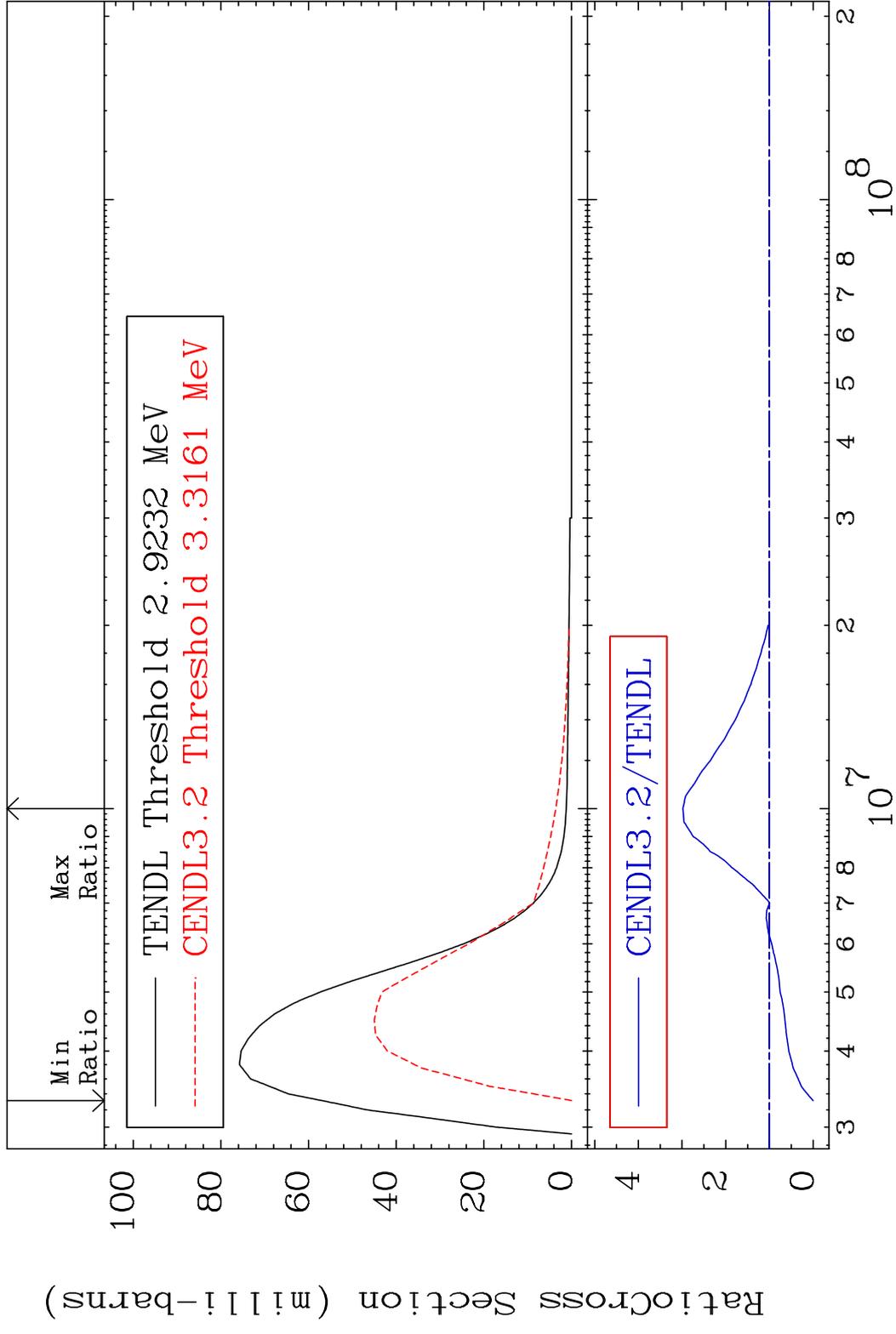
MAT 8234 MT= 58 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 1497. %



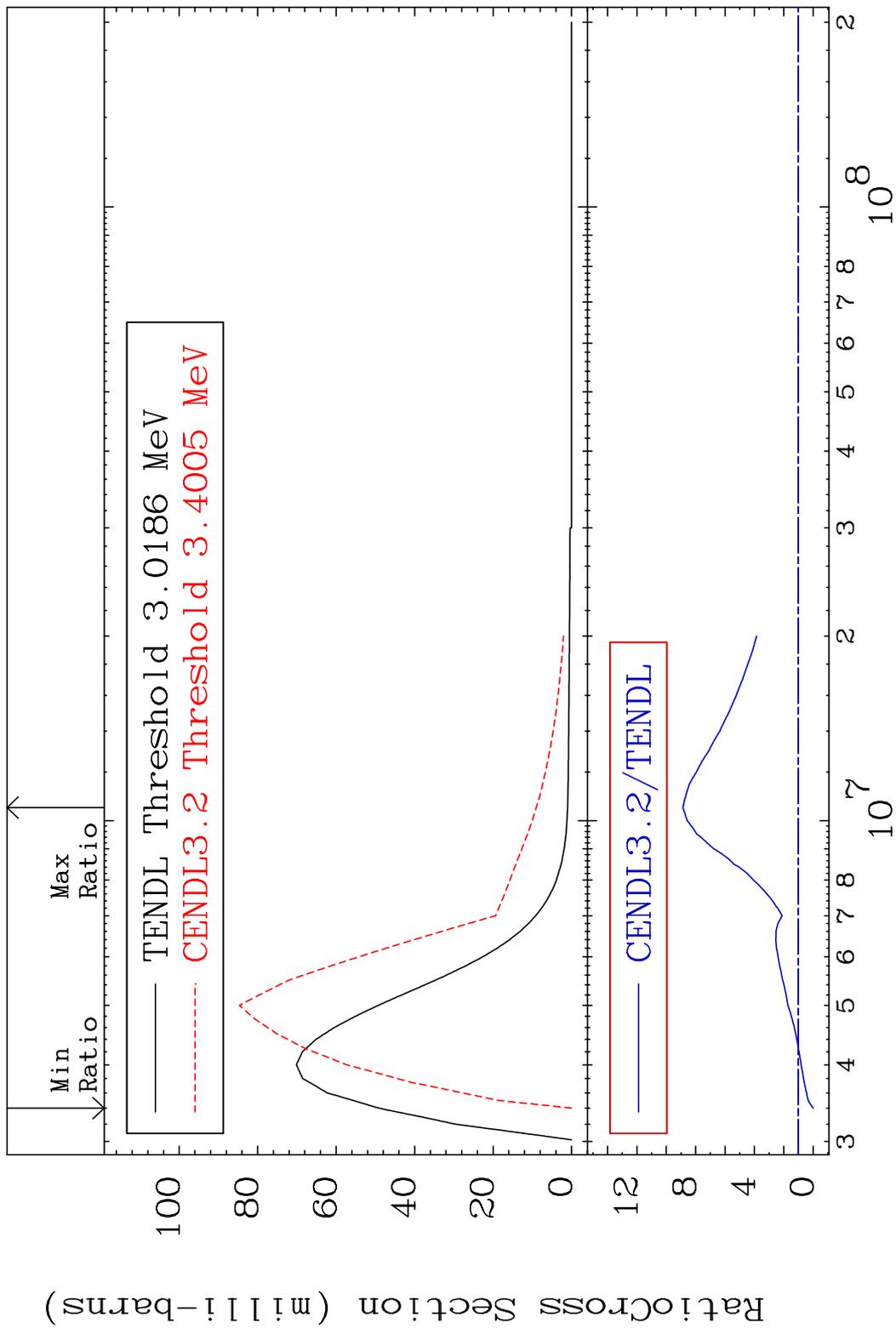
MAT 8234 MT= 59 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 1134. %



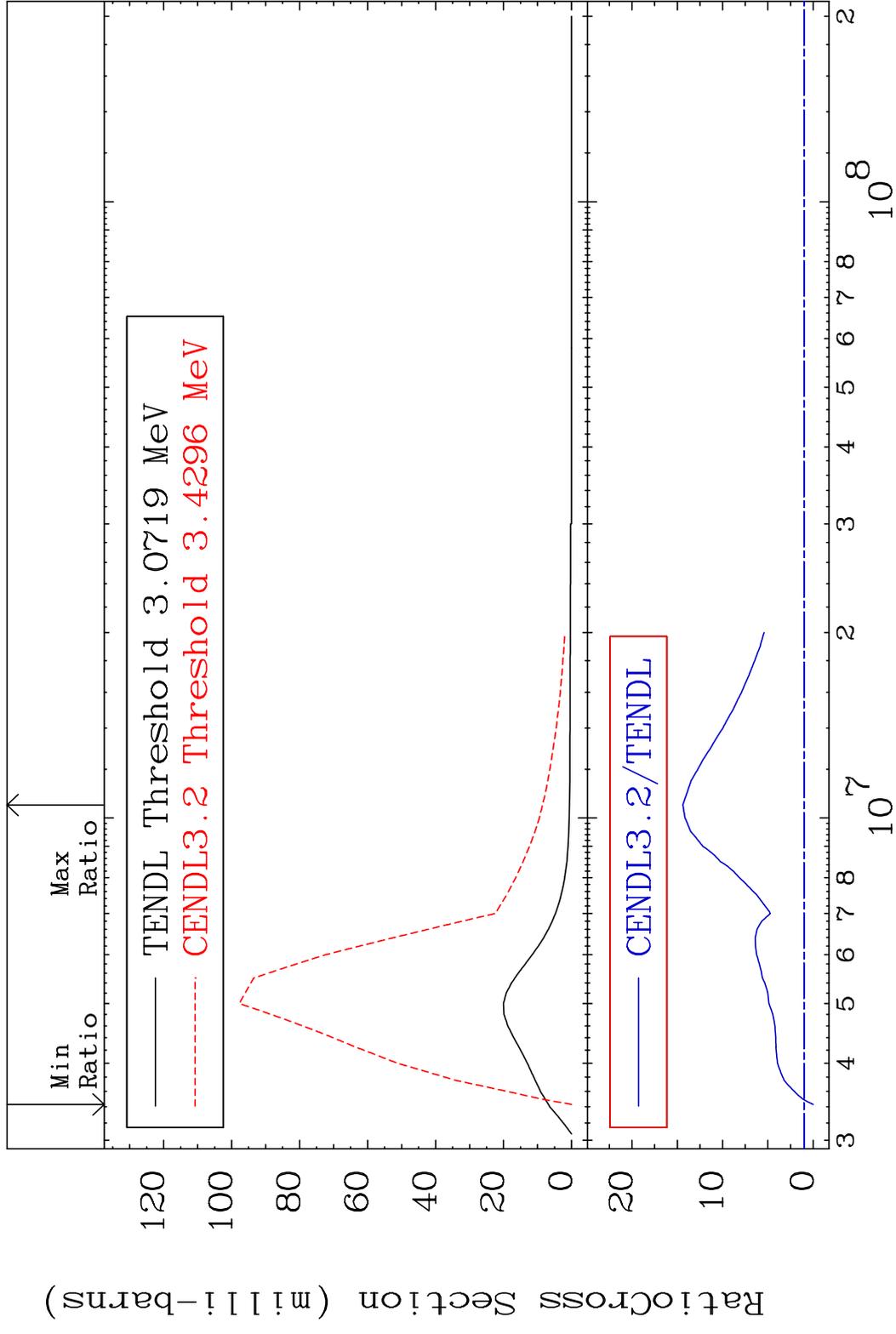
MAT 8234 MT= 60 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 198.2 %



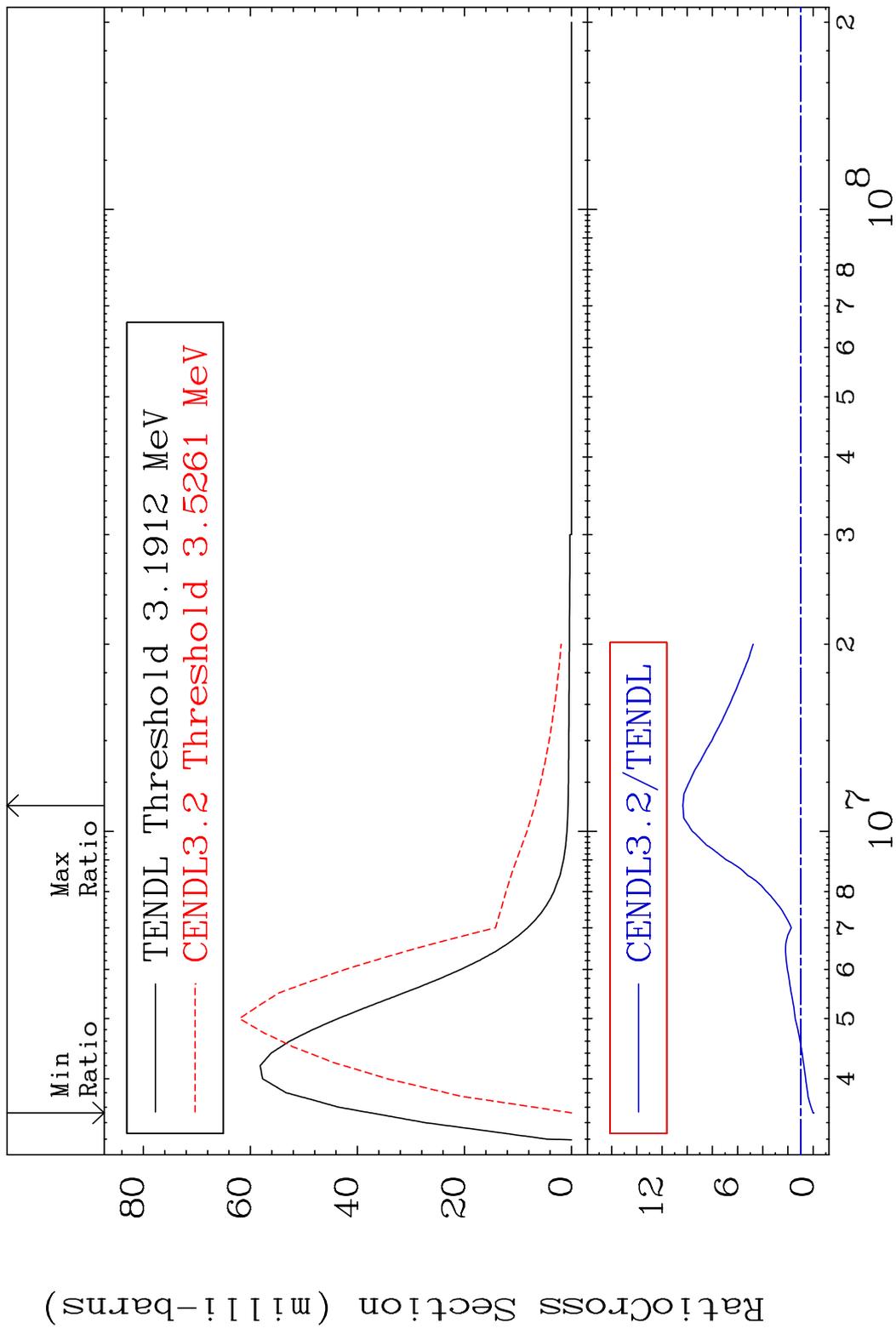
MAT 8234 MT= 61 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 787.3 %



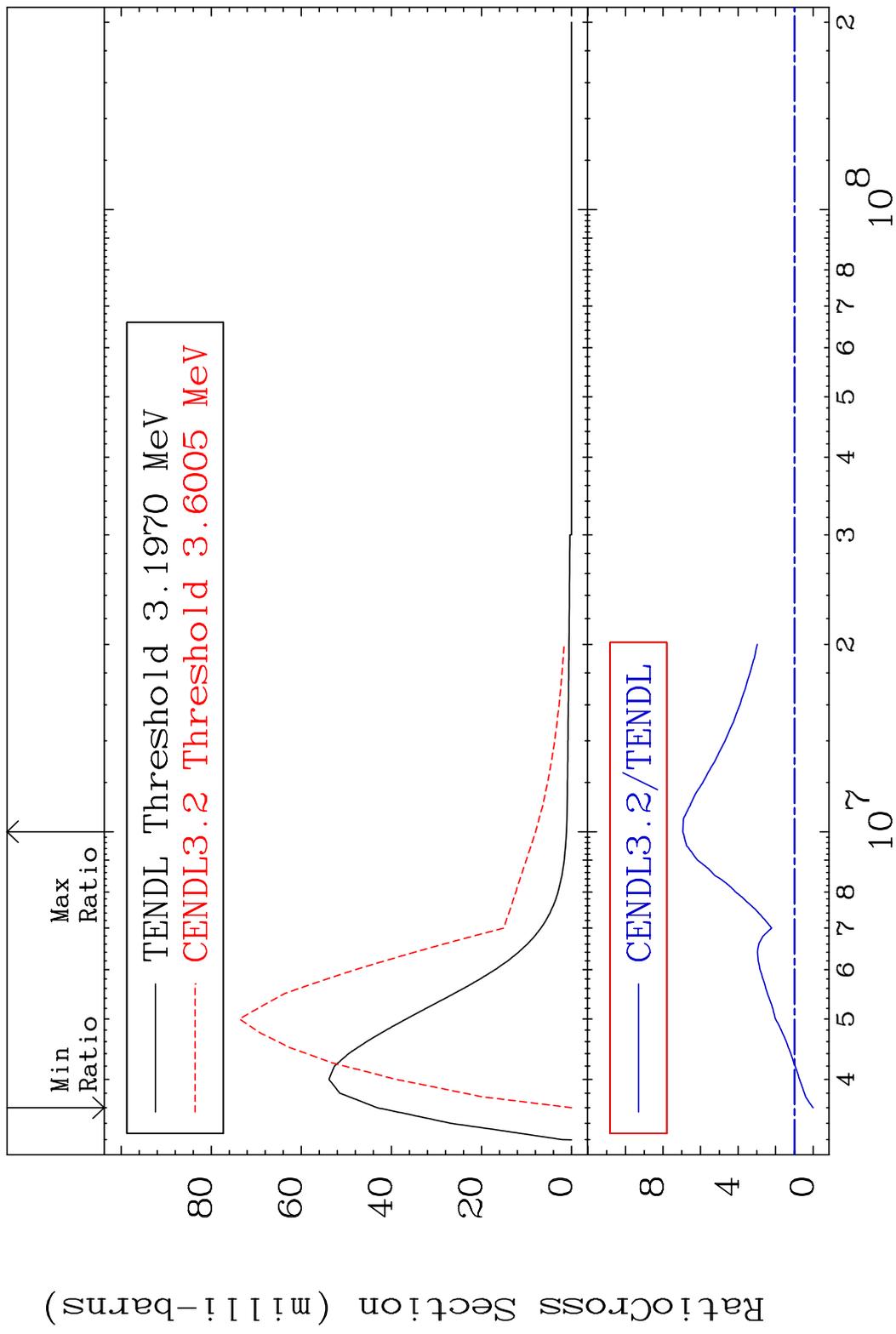
MAT 8234 MT= 62 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 1339. %



MAT 8234 MT= 63 (n, n') Level 82-Pb-207
 Cross Section -100.0 To 934.9 %

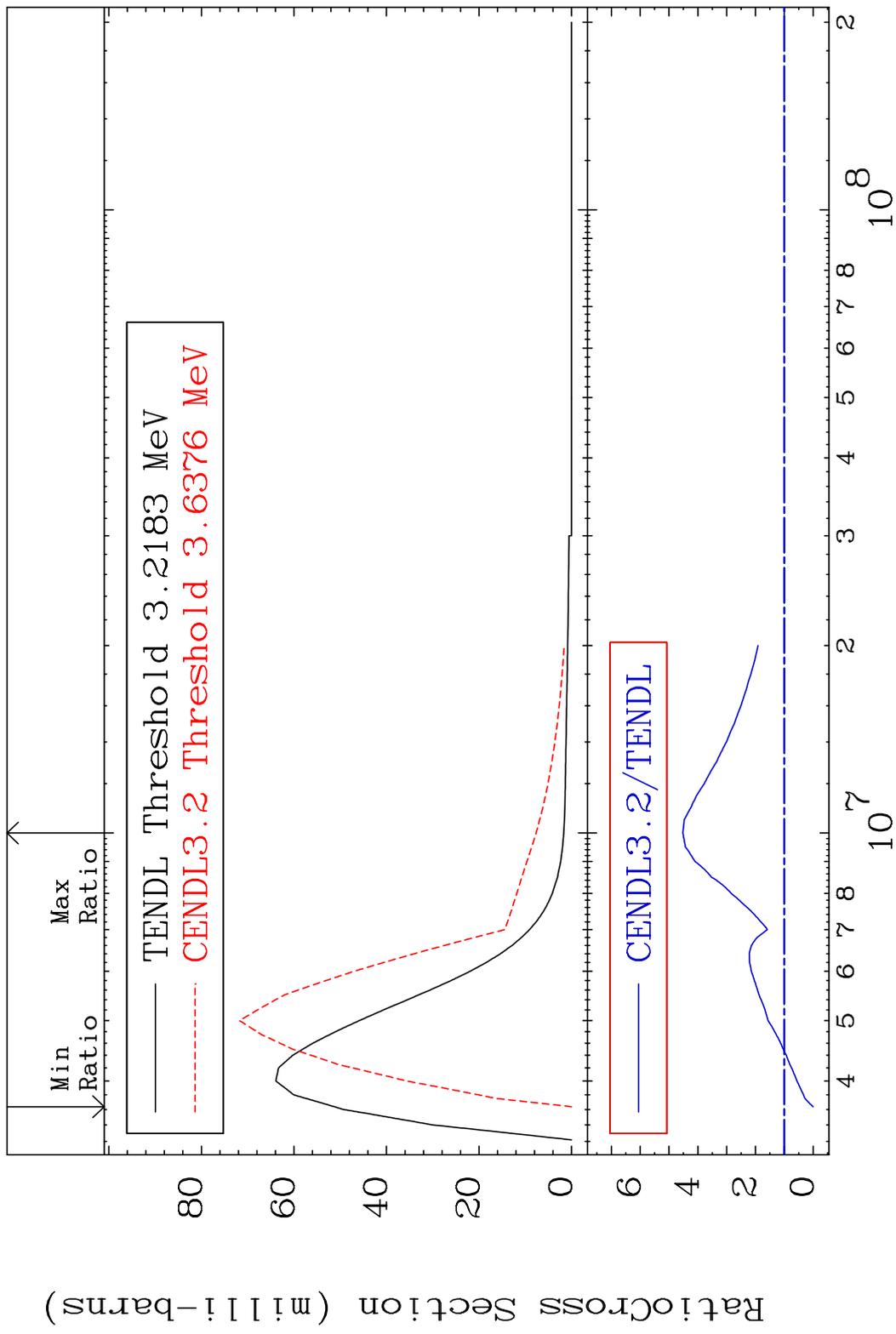


MAT 8234 MT= 64 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 594.4 %



20 Incident Energy (eV) 82-Pb-207

MAT 8234 MT= 65 (n,n') Level 82-Pb-207
 Cross Section -100.0 To 352.0 %

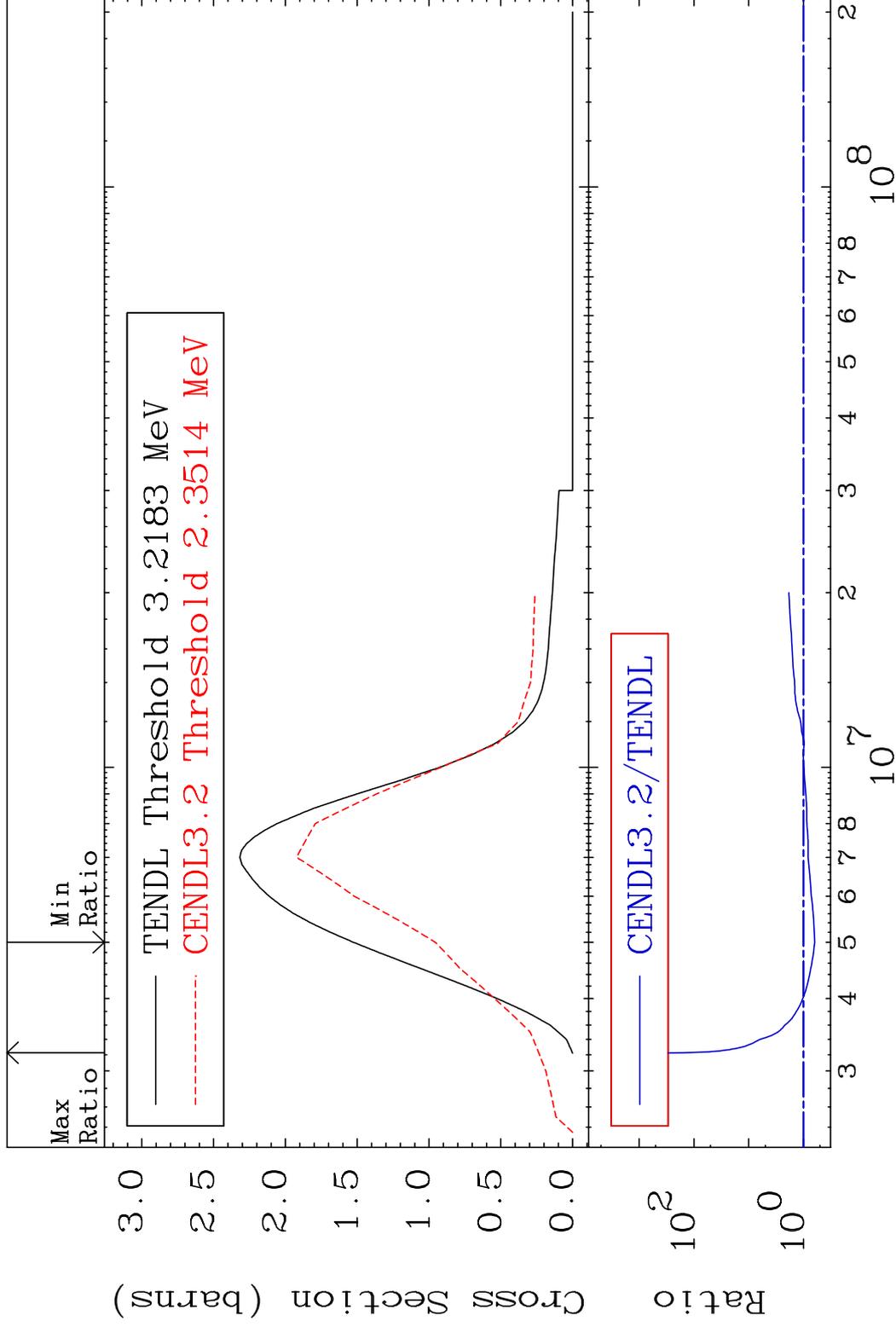


MAT 8234

(n, n') Continuum

82-Pb-207

Cross Section -37.36 To 9999. %



22

Incident Energy (eV)

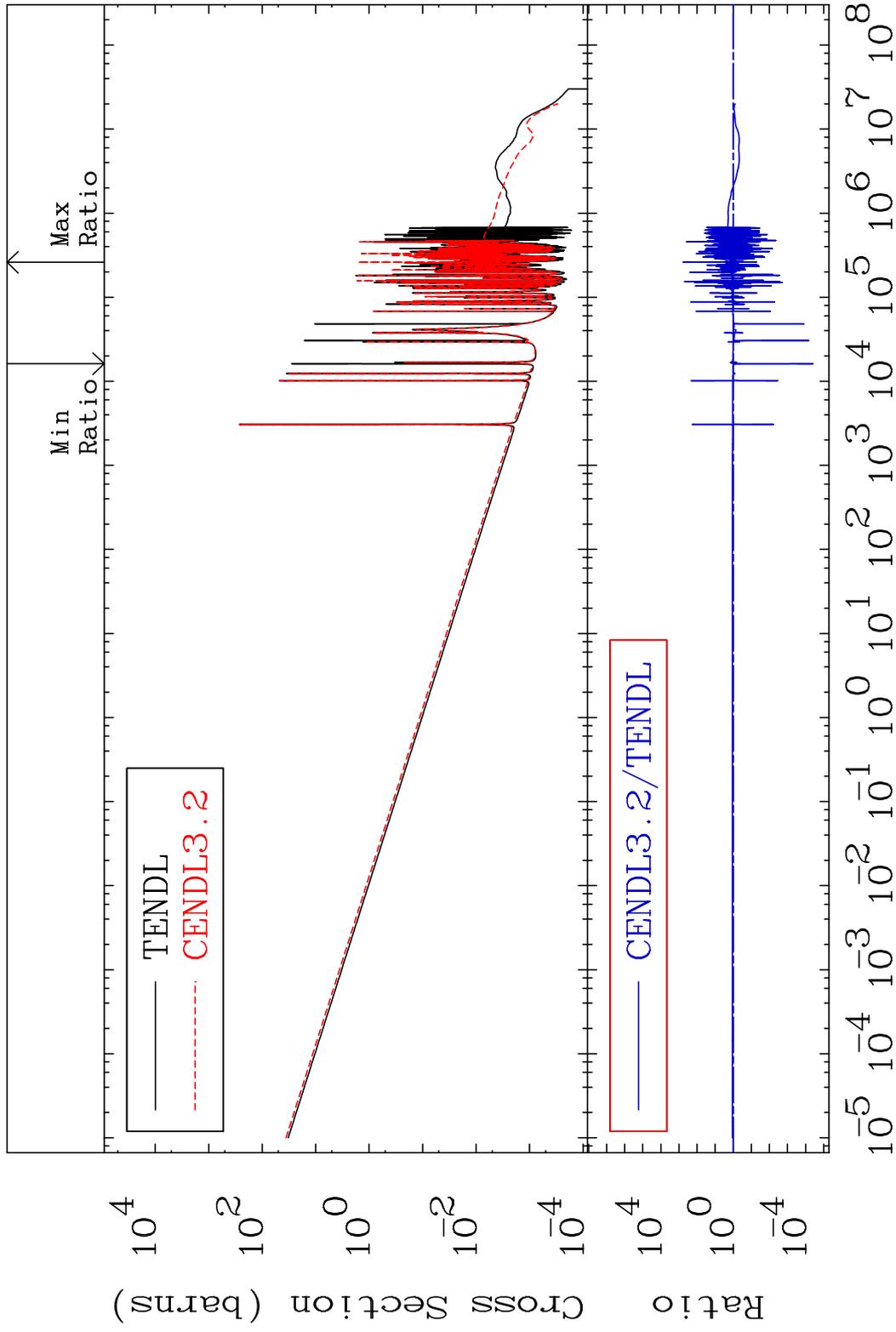
82-Pb-207

MAT 8234

(n, γ)

82-Pb-207

Cross Section -100.0 To 9999. %

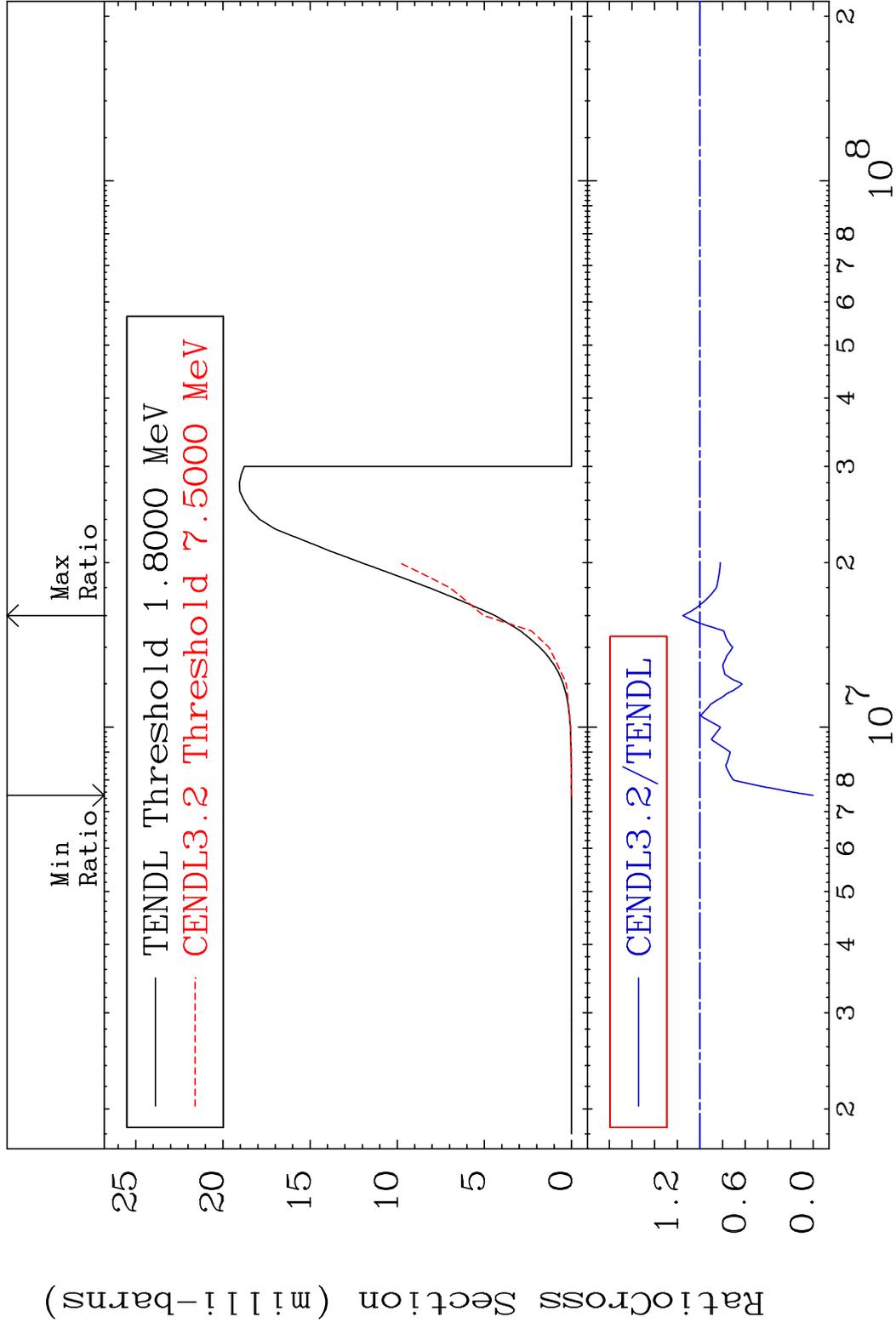


23

Incident Energy (eV)

82-Pb-207

MAT 8234 (n,p) 82-Pb-207
 Cross Section -100.0 To 15.11 %

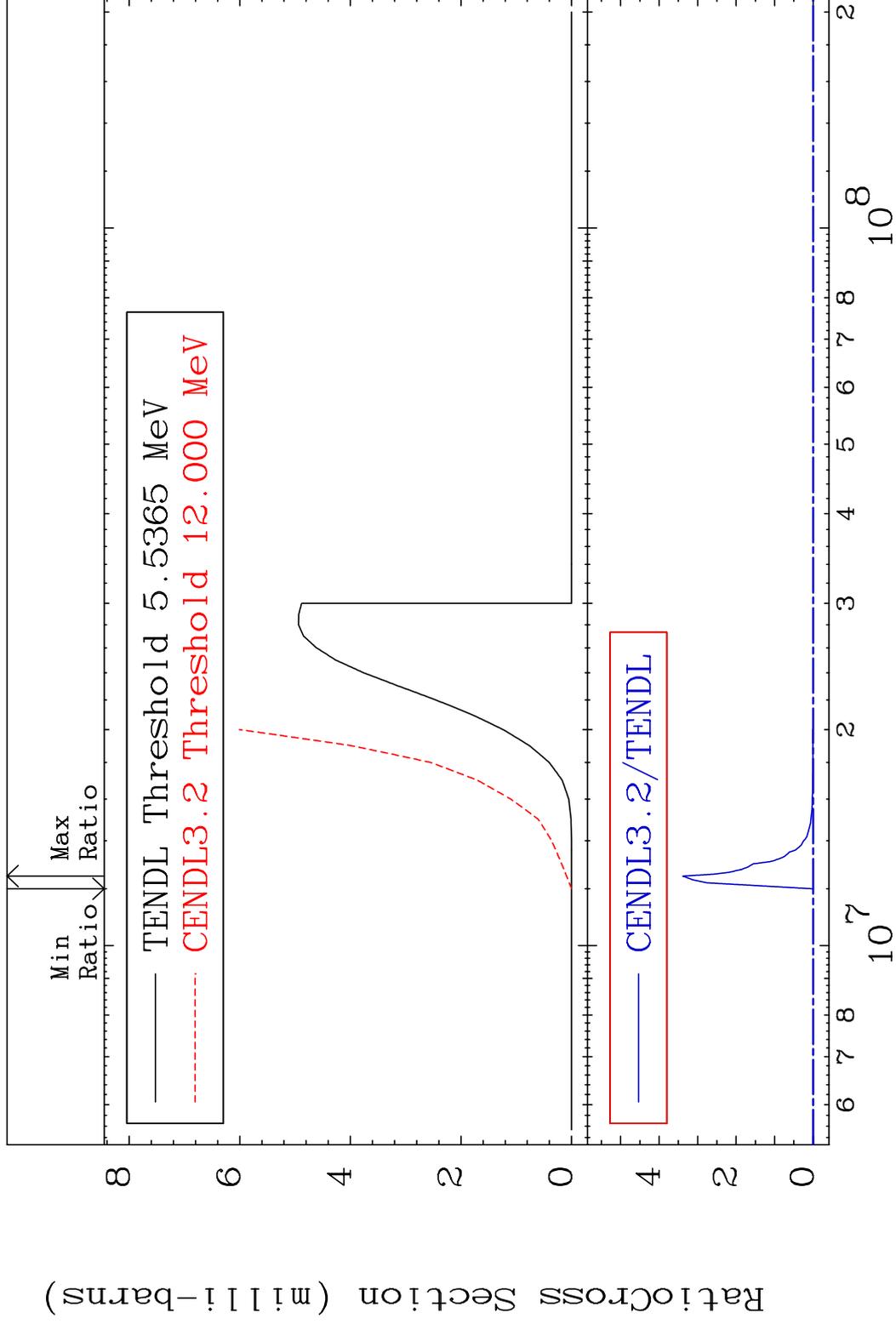


MAT 8234

(n, t)

82-Pb-207

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

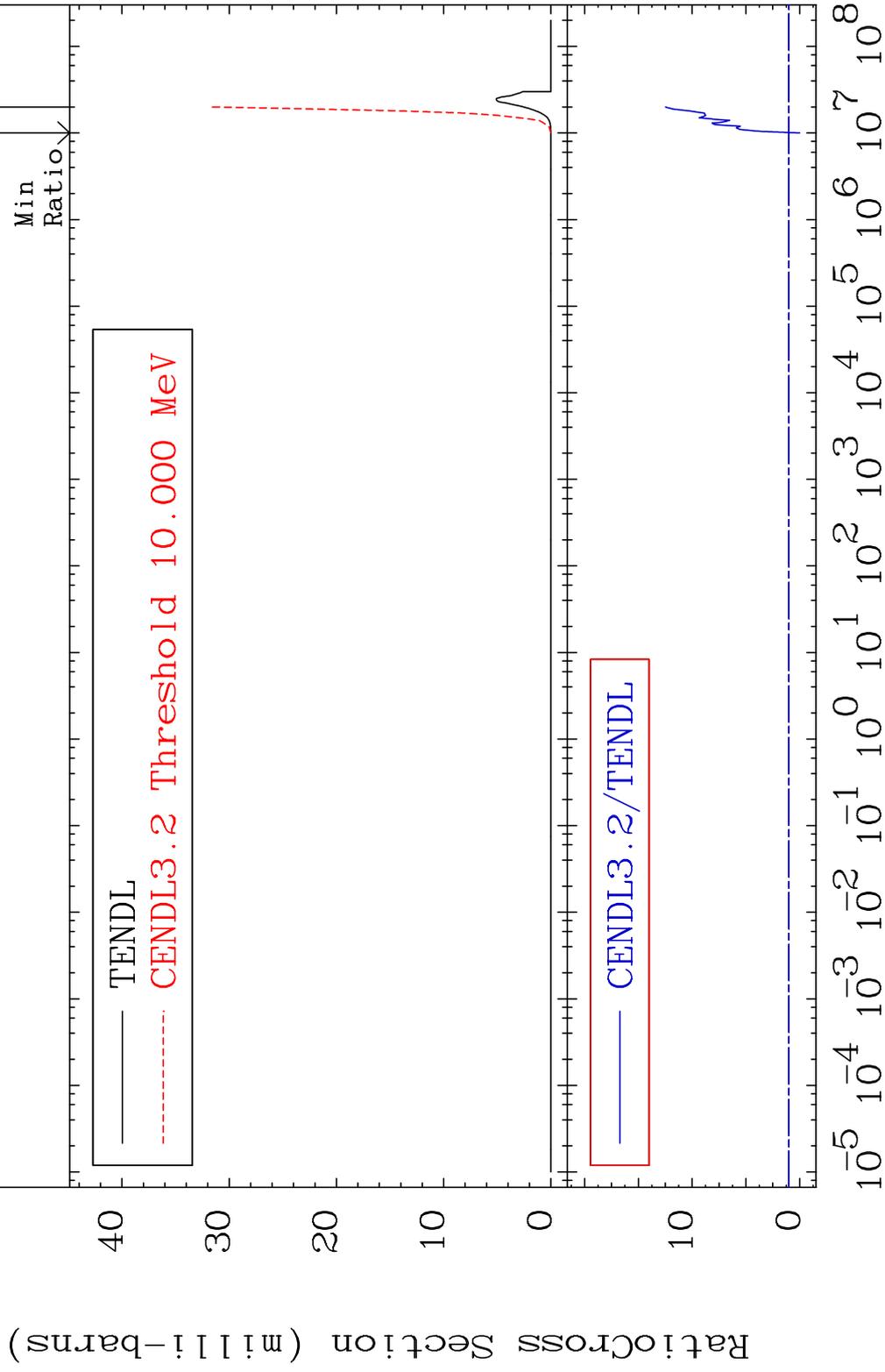
82-Pb-207

MAT 8234

(n, α)

82-Pb-207

Cross Section -100.0 To 1148. %

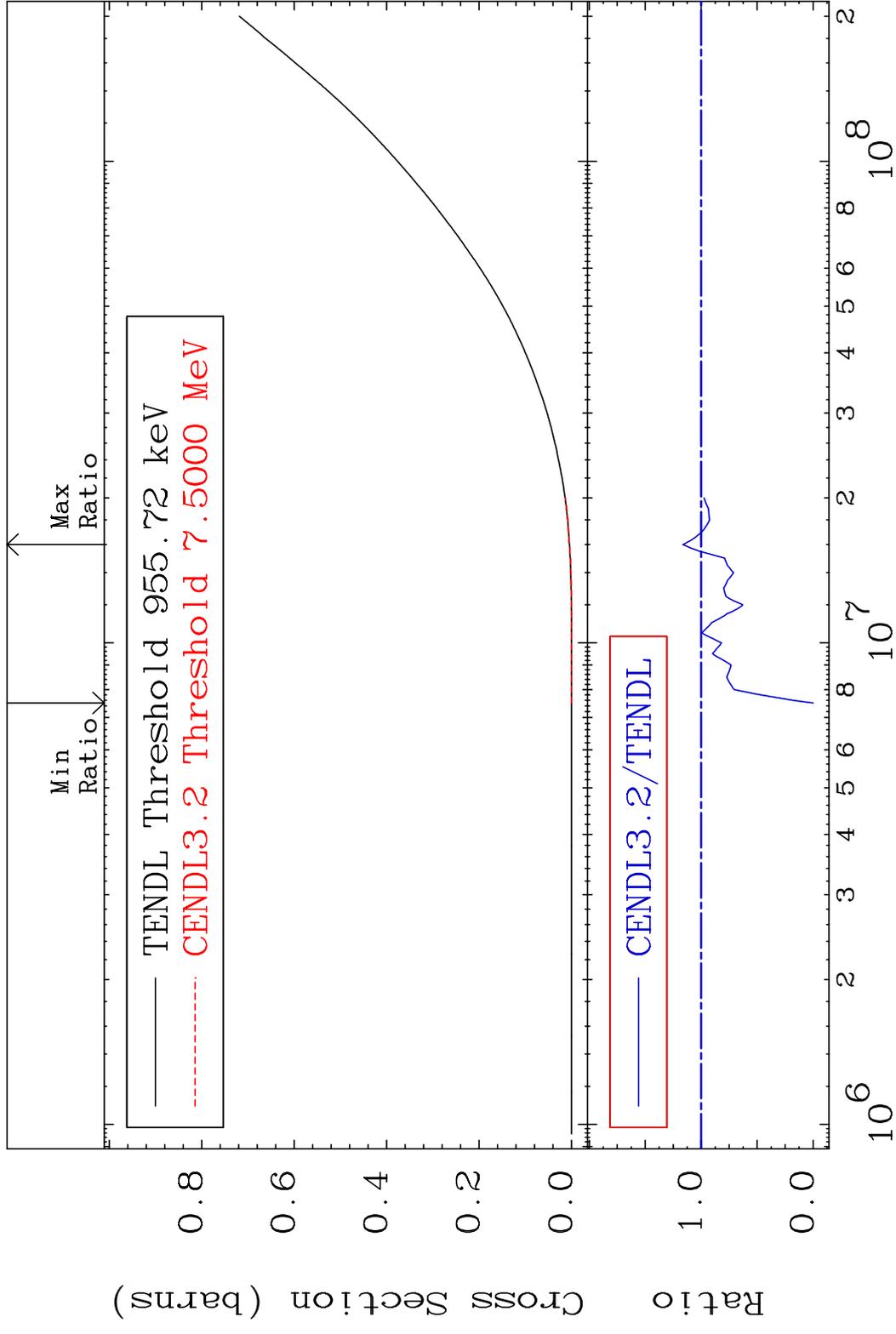


26

Incident Energy (eV)

82-Pb-207

MAT 8234 Hydrogen Production 82-Pb-207
 Cross Section -100.0 To 16.38 %

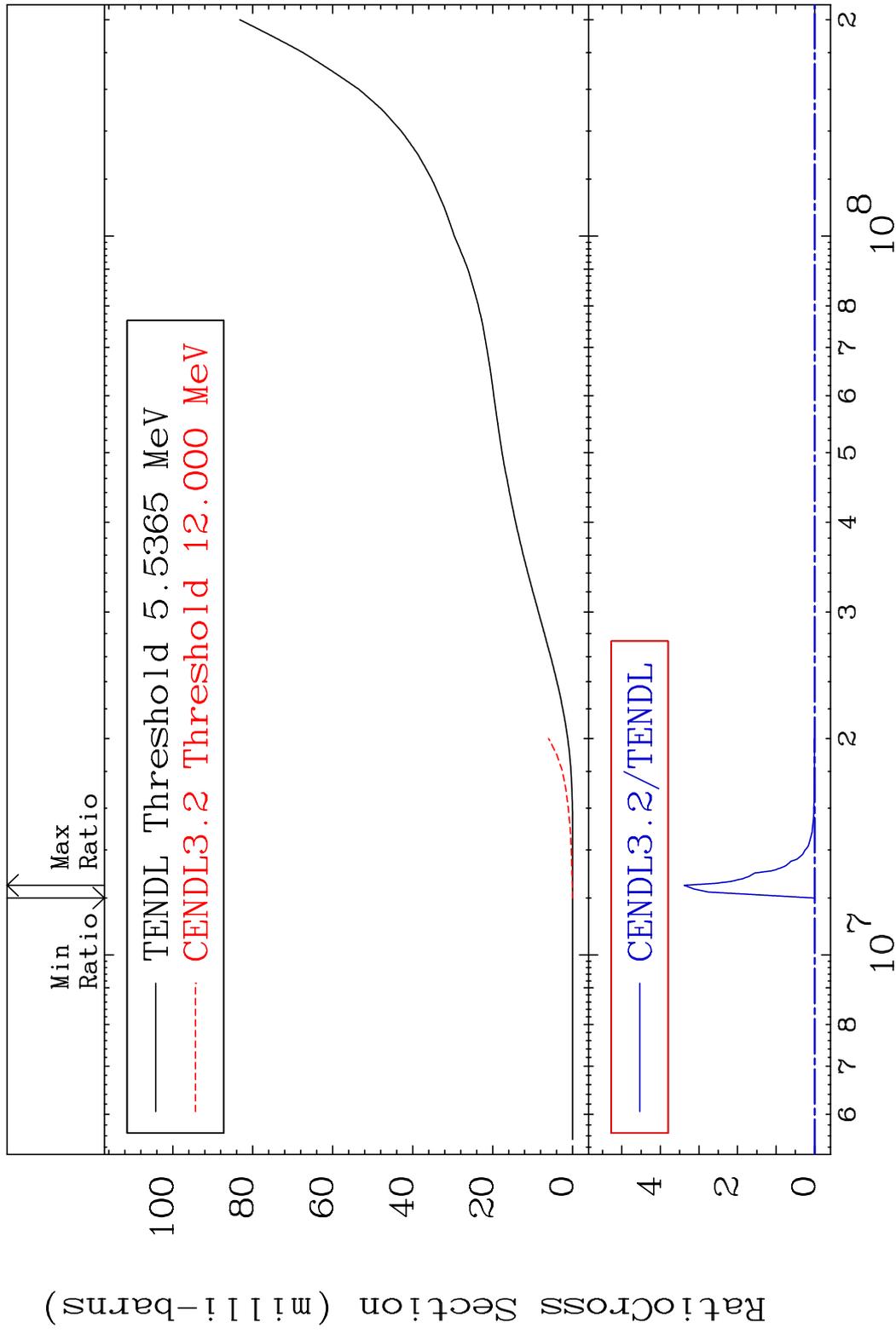


27 Incident Energy (eV) 82-Pb-207

MAT 8234

Tritium Production 82-Pb-207

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

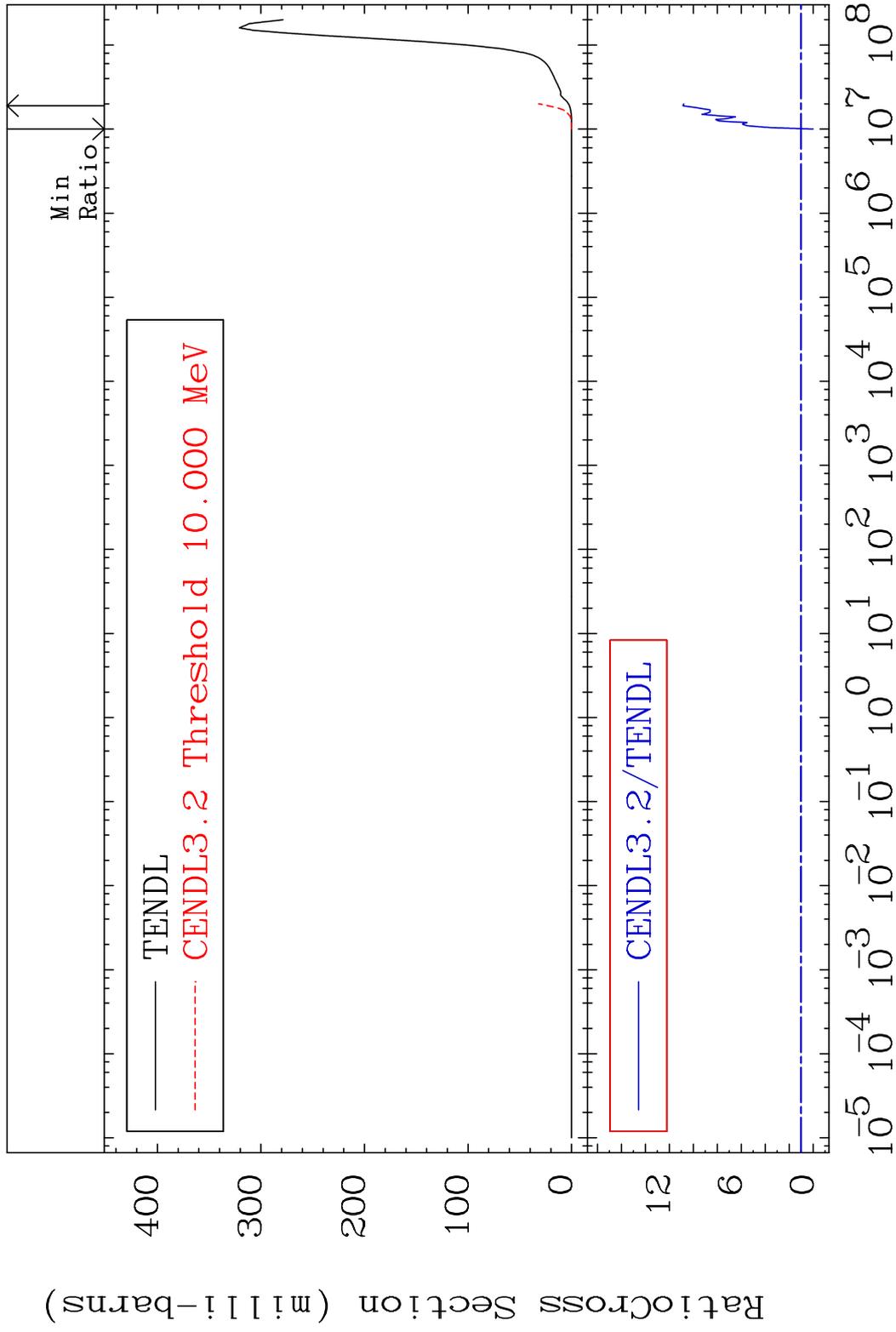
82-Pb-207

MAT 8234

He-4 Production

82-Pb-207

Cross Section -100.0 To 987.3 %



29

Incident Energy (eV)

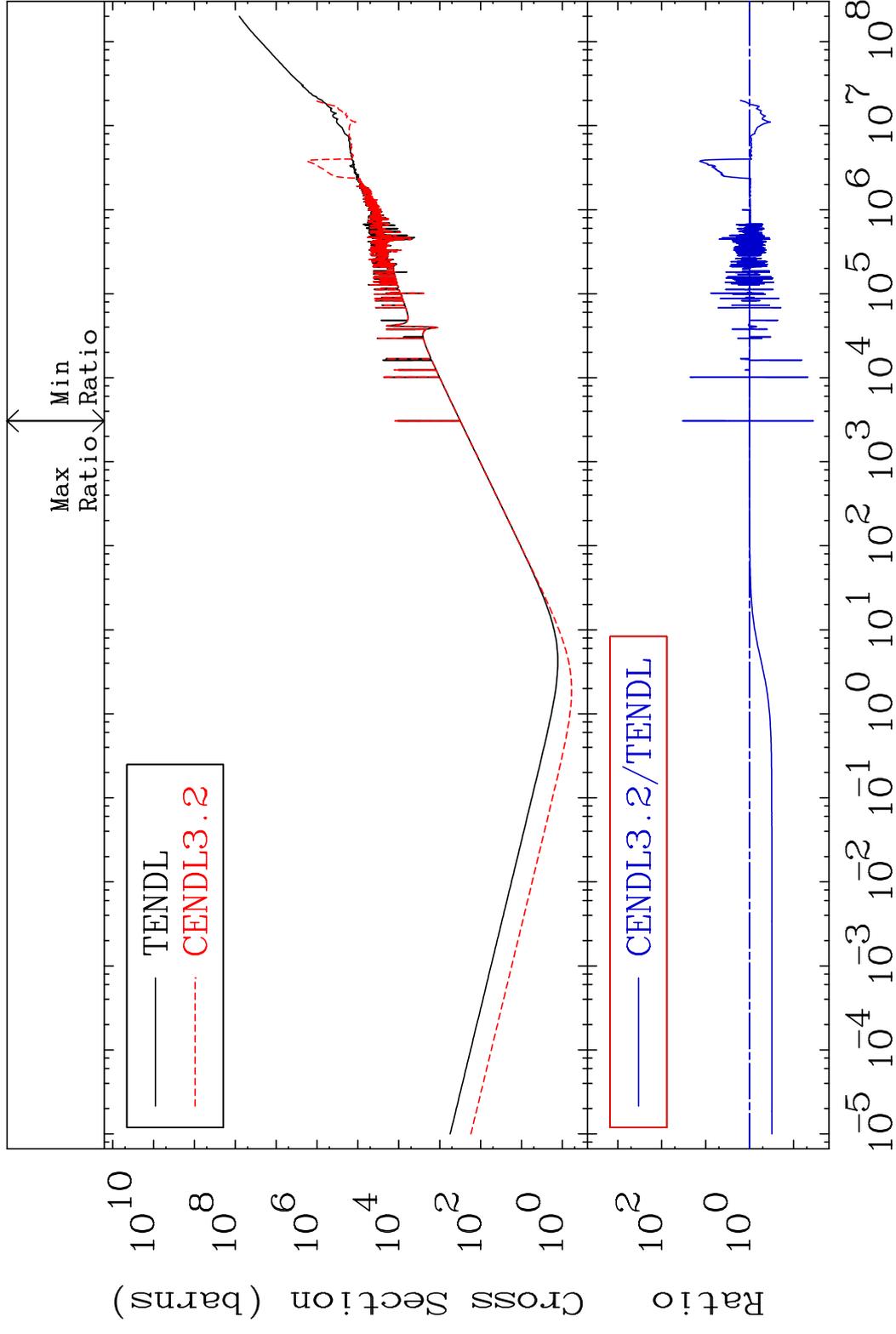
82-Pb-207

MAT 8234

Kerma total (eV-barns)

82-Pb-207

Cross Section -96.43 To 3200. %



30

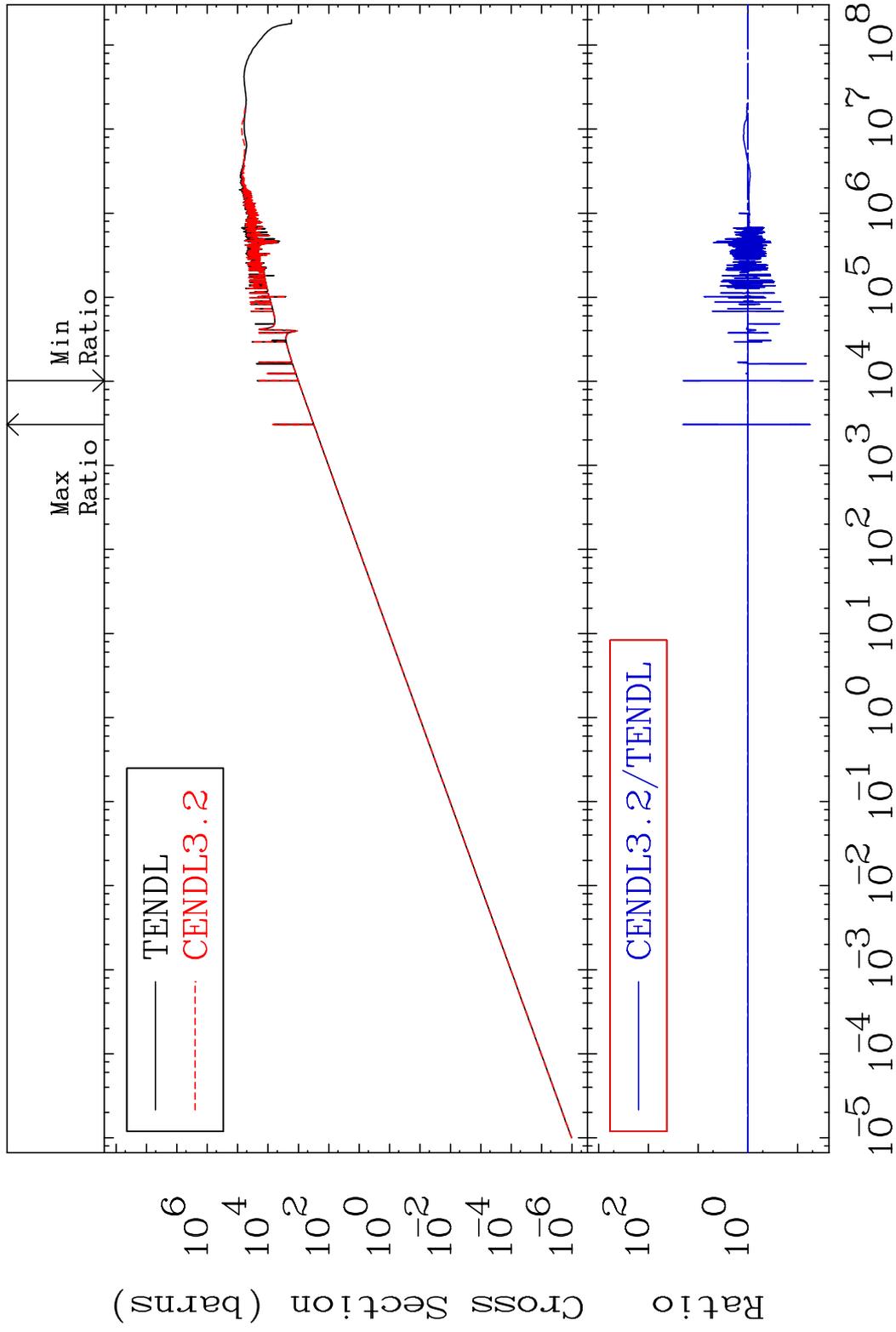
Incident Energy (eV)

82-Pb-207

MAT 8234

Kerma elastic
Cross Section

82-Pb-207
-95.13 To 1930. %

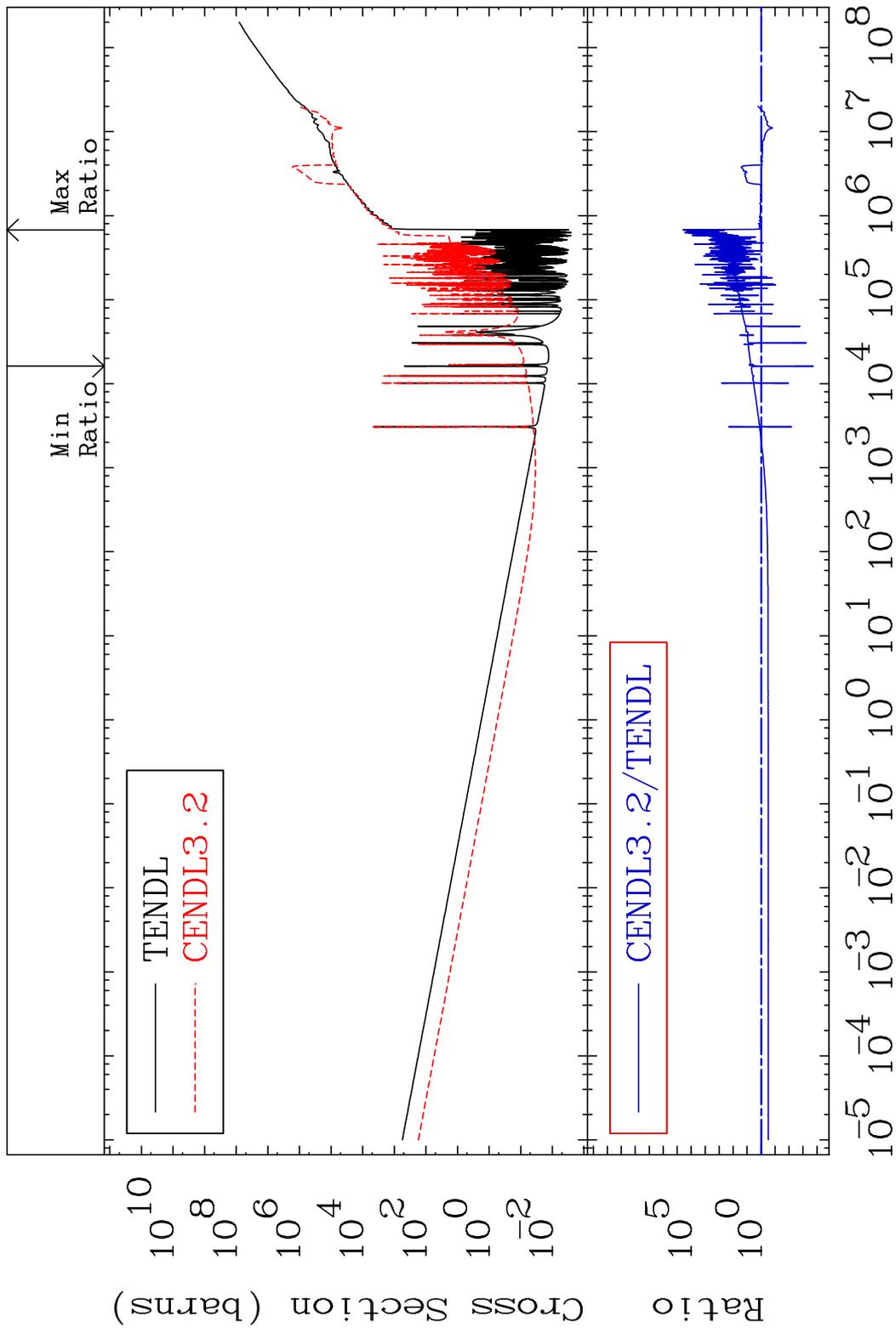


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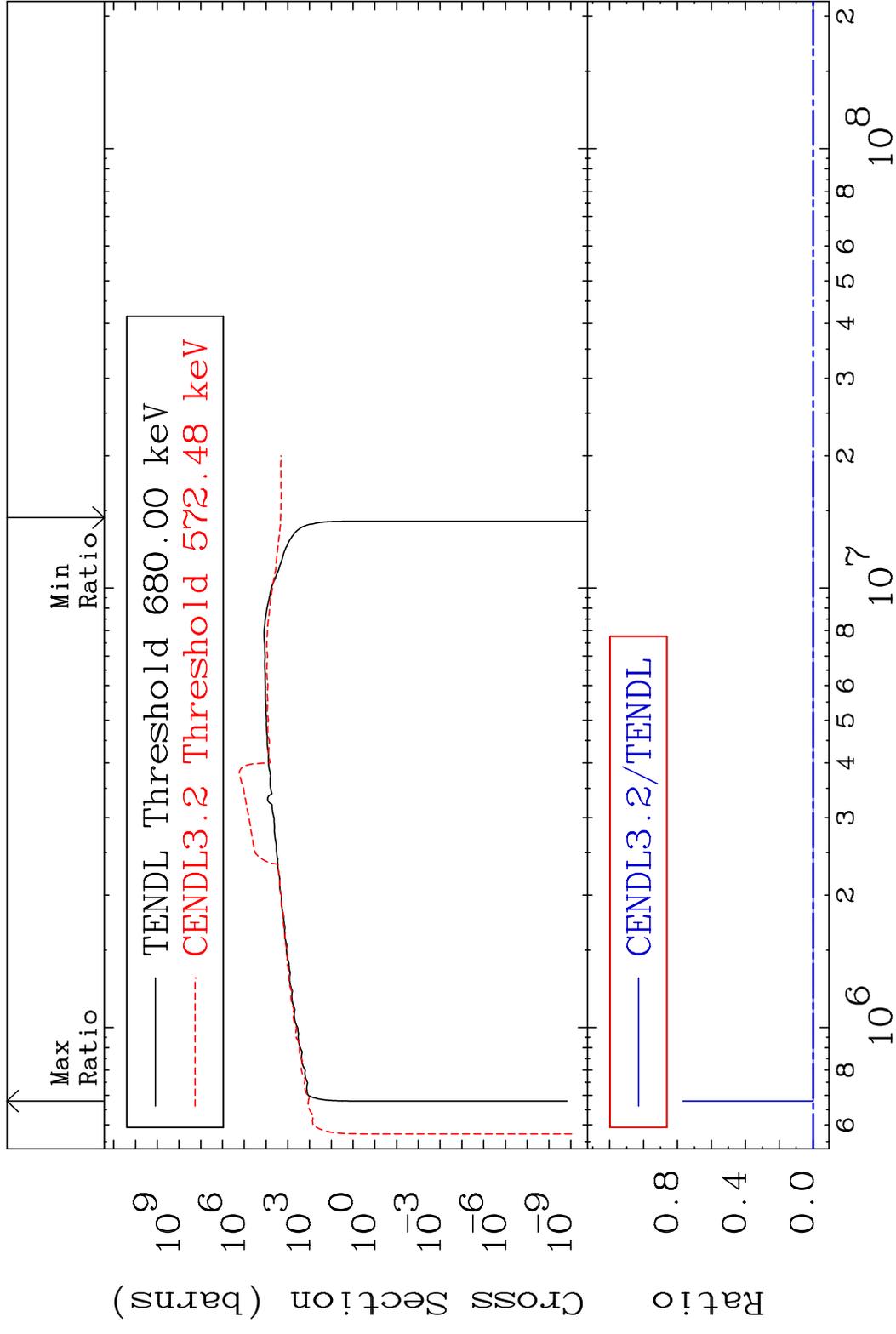
Incident Energy (eV)

82-Pb-207

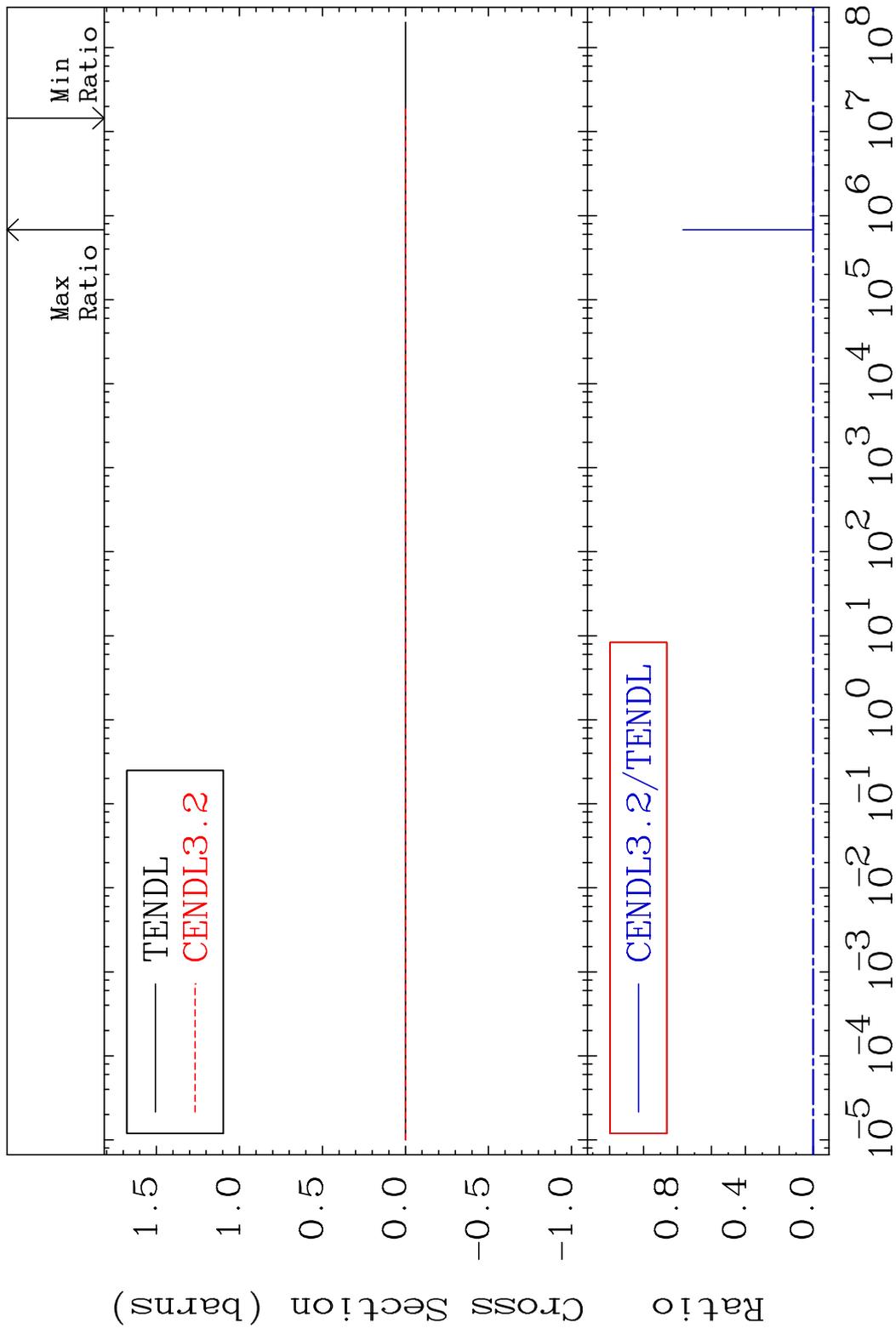
MAT 8234 Kerma non-elastic (all but mt2) 82-Pb-207
 Cross Section -99.98 To 9999. %



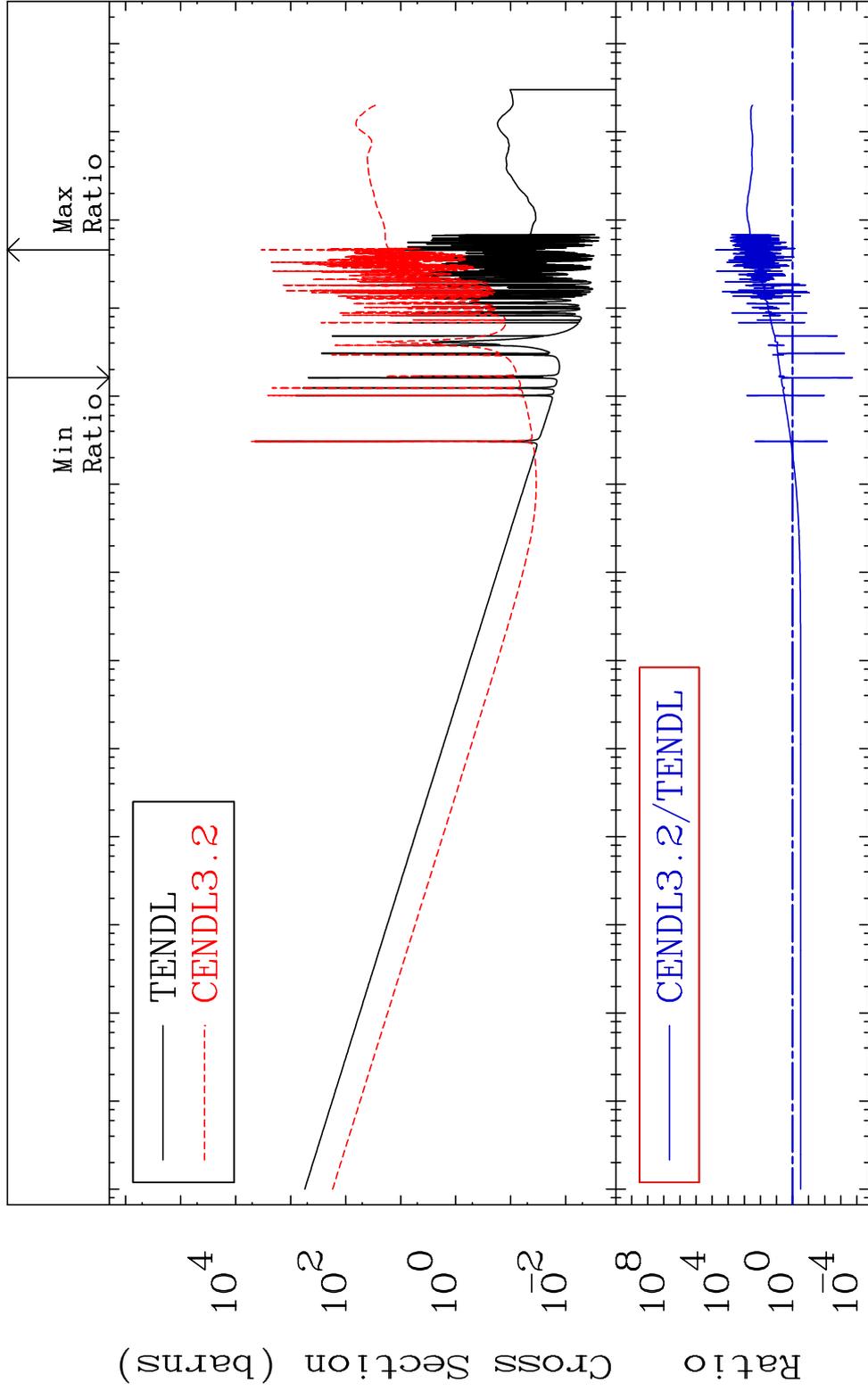
MAT 8234 Kerma inelastic (mt51-91) 82-Pb-207
 Cross Section -2256. To 9999. %



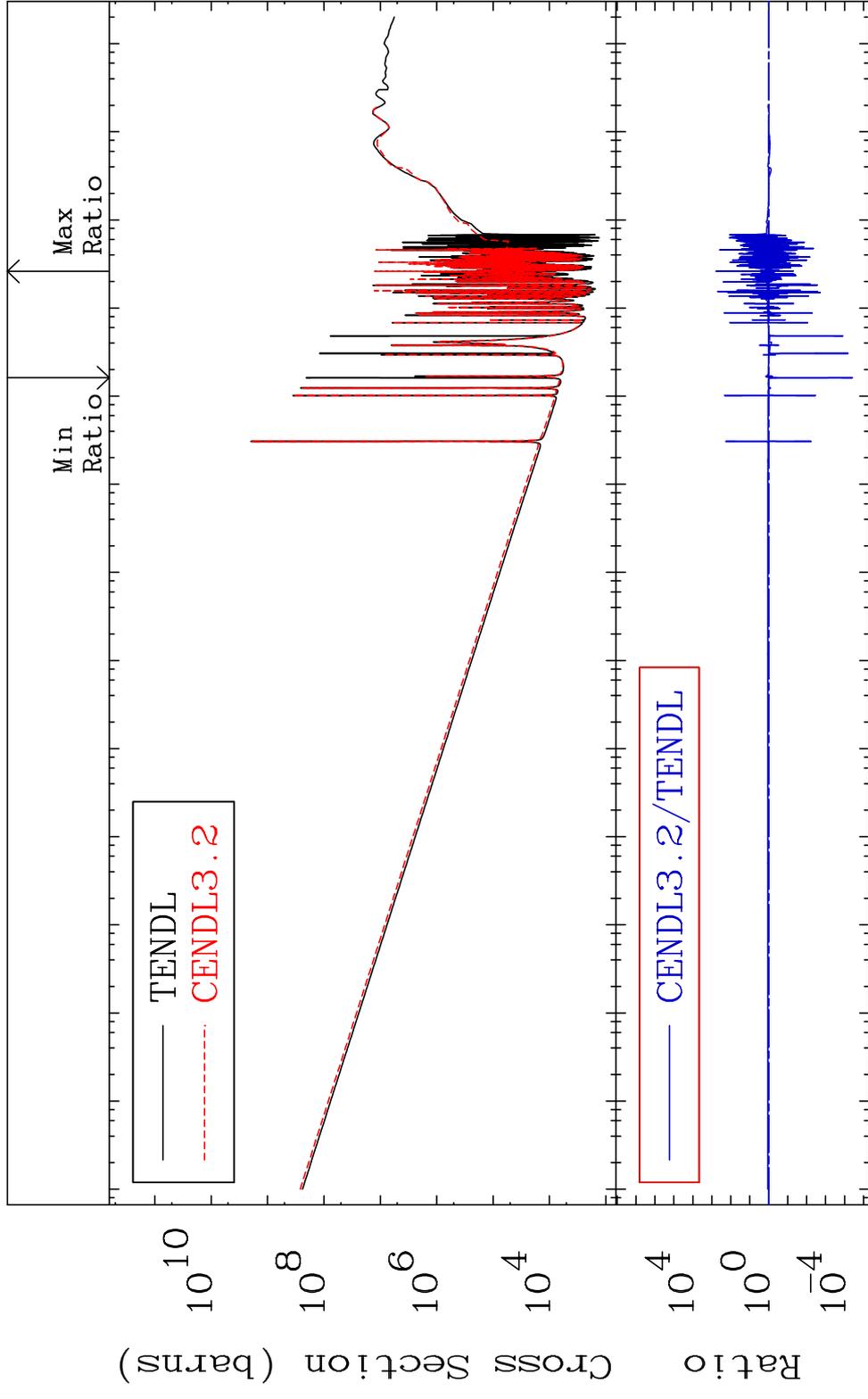
MAT 8234 Kerma fission (mt18 or mt19-20-21-38)82-Pb-207
 Cross Section -2256. To 9999. %



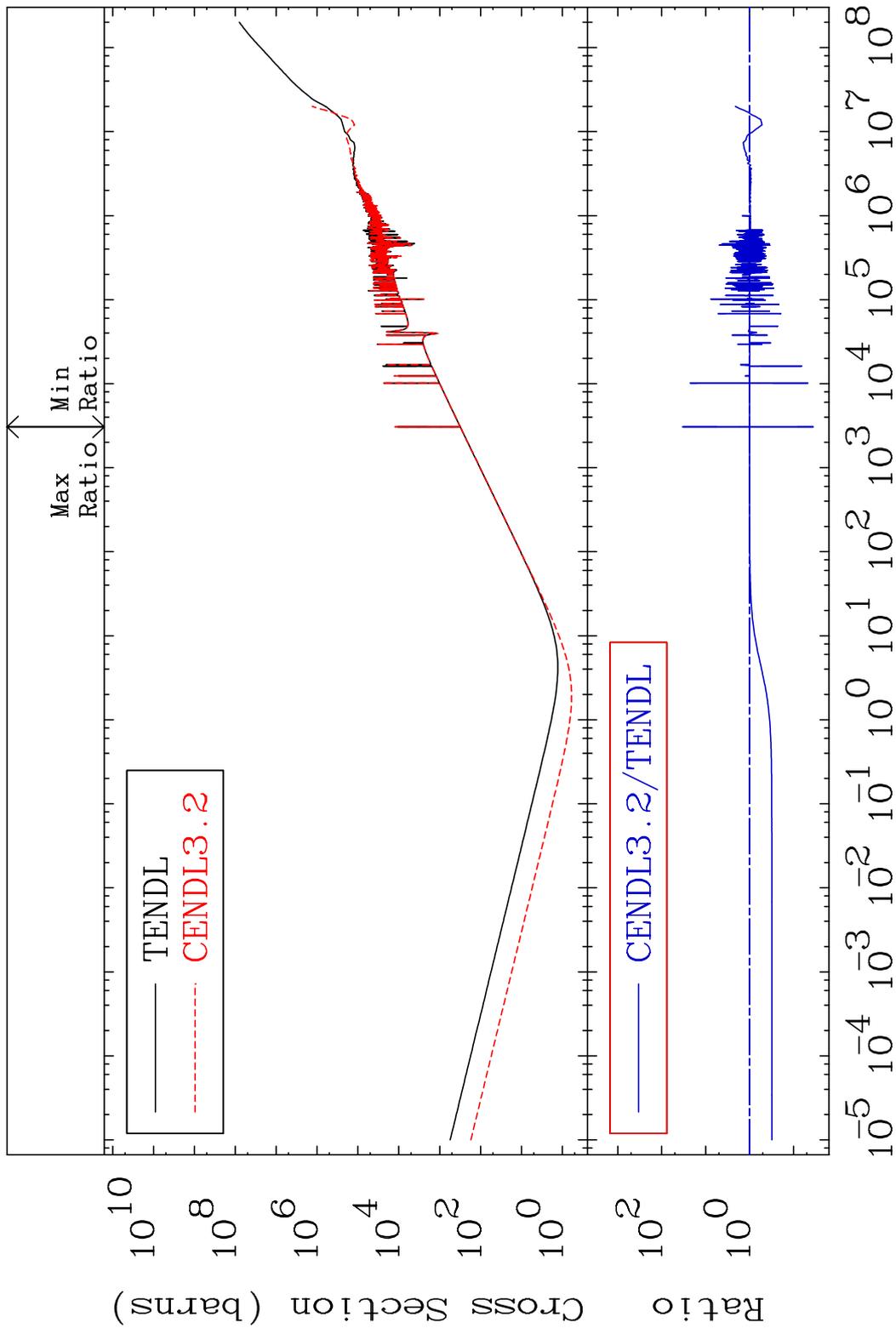
MAT 8234 Kerma capture (mt102) 82-Pb-207
 Cross Section -99.98 To 9999. %



MAT 8234 Total photon (eV-barns) 82-Pb-207
 Cross Section -100.0 To 9999. %



MAT 8234 Total kinematic kerma (high limit) 82-Pb-207
 Cross Section -96.43 To 3200. %

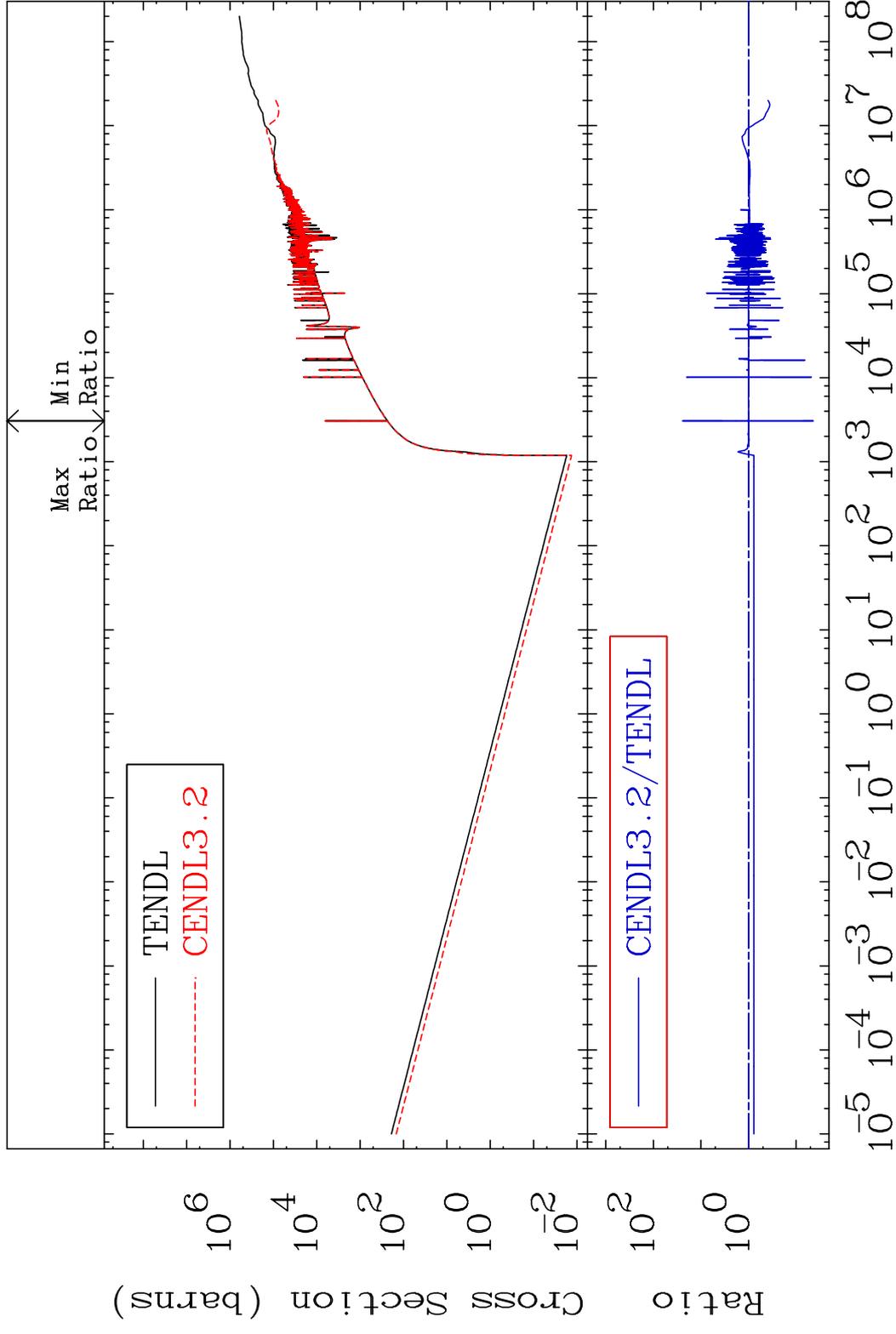


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -95.60 To 2307. %

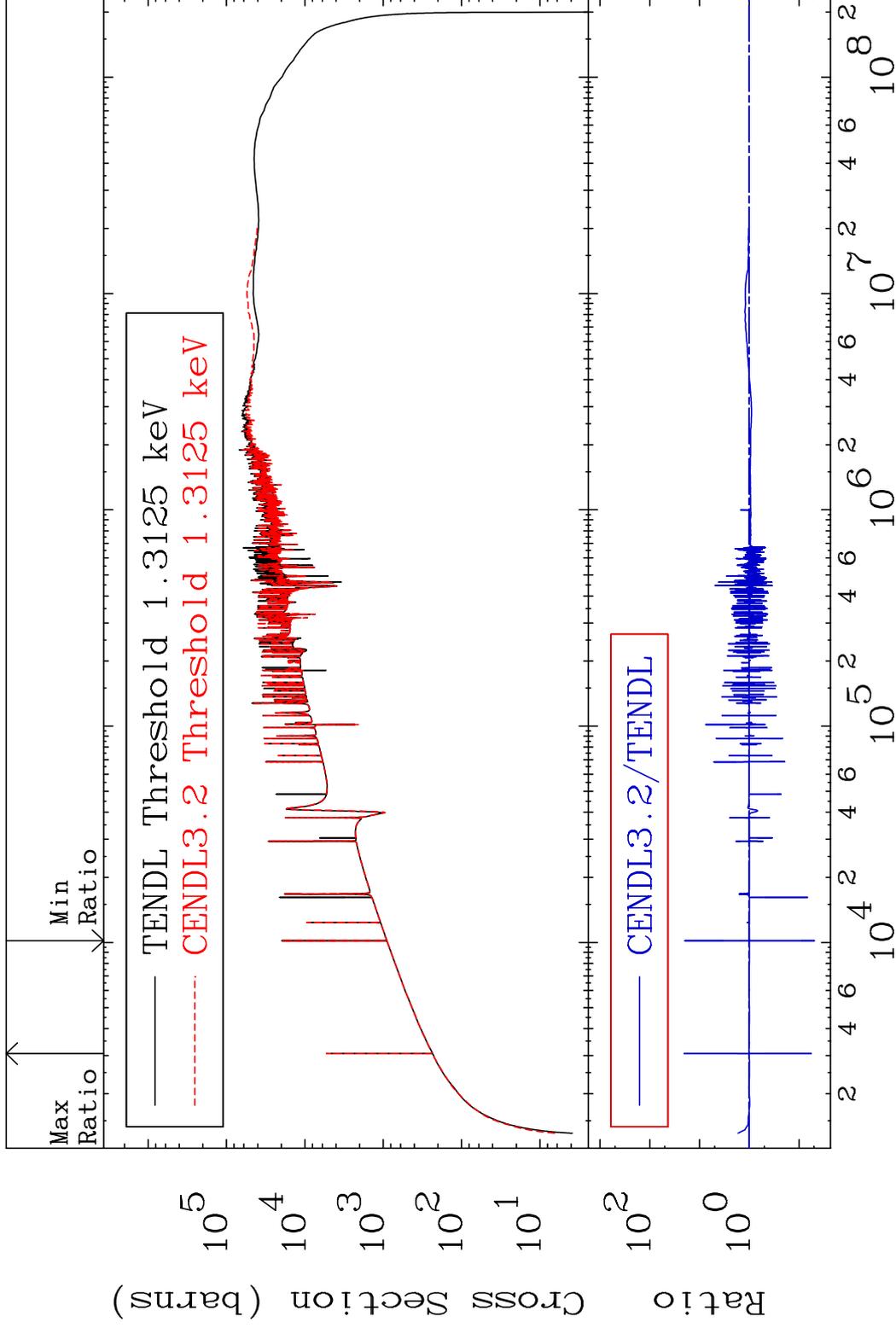


MAT 8234

Dpa elastic (mt2)

82-Pb-207

Cross Section -95.13 To 1961. %

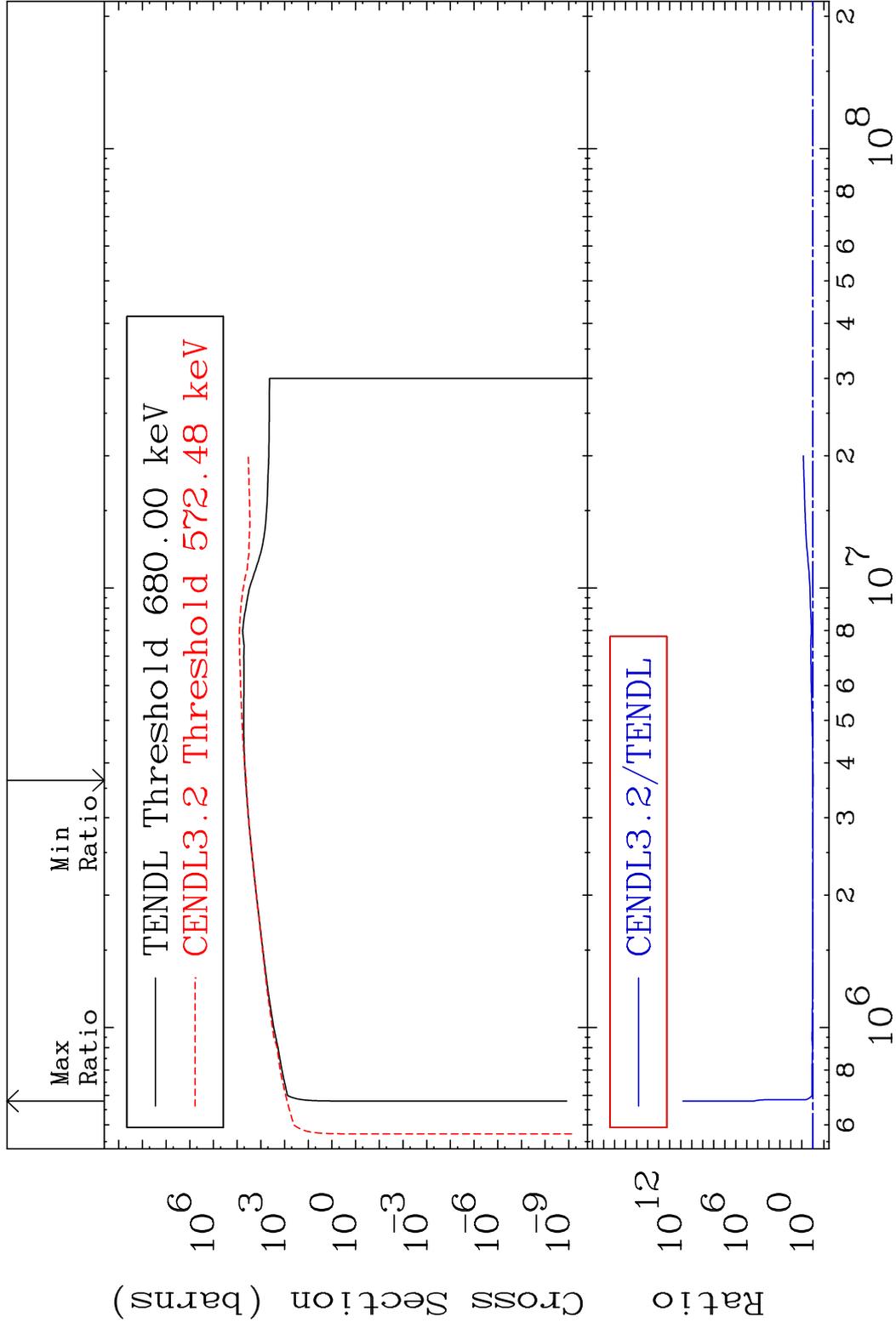


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Incident Energy (eV)

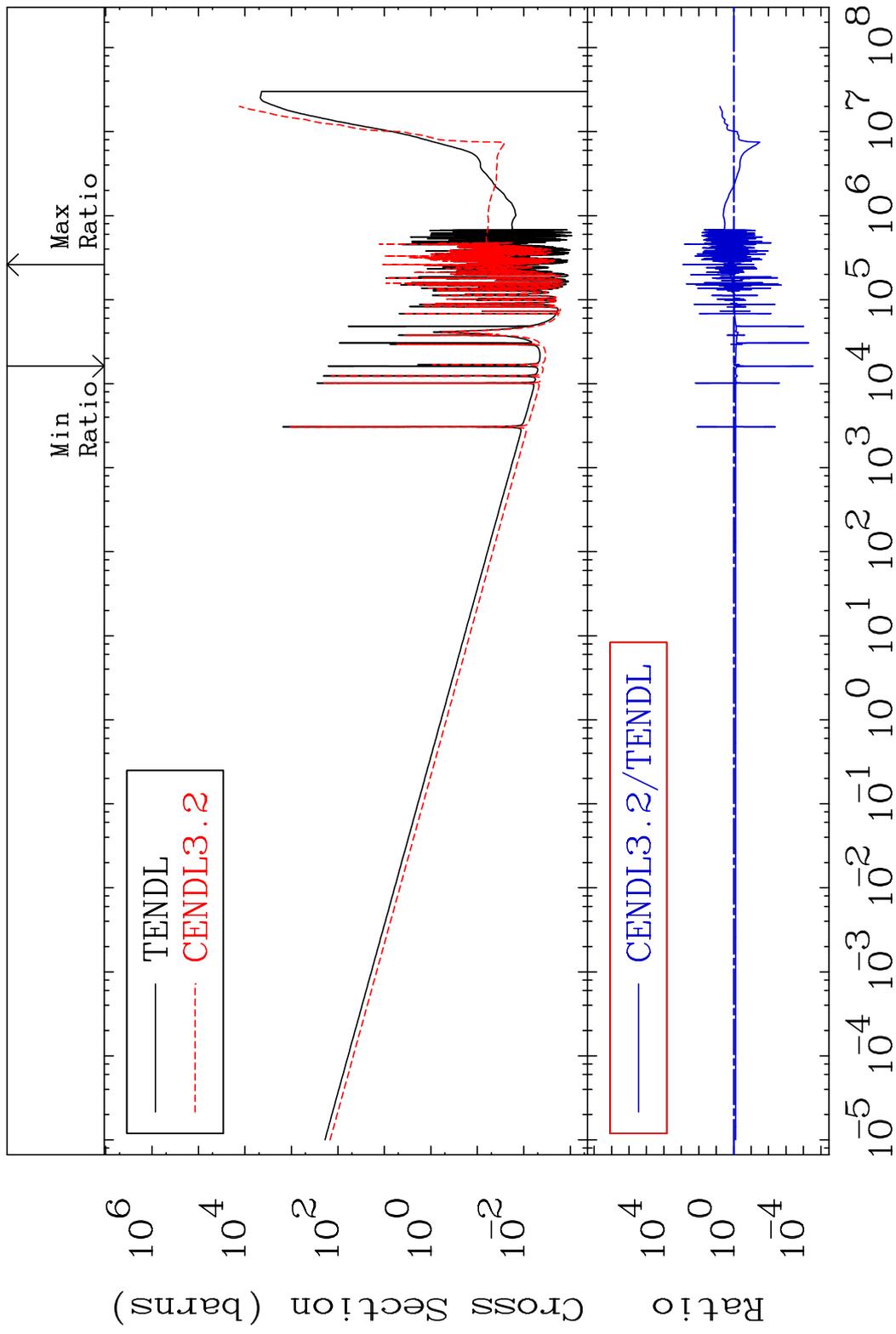
82-Pb-207

MAT 8234 Dpa inelastic (mt51-91) 82-Pb-207
 Cross Section -5.355 To 9999. %

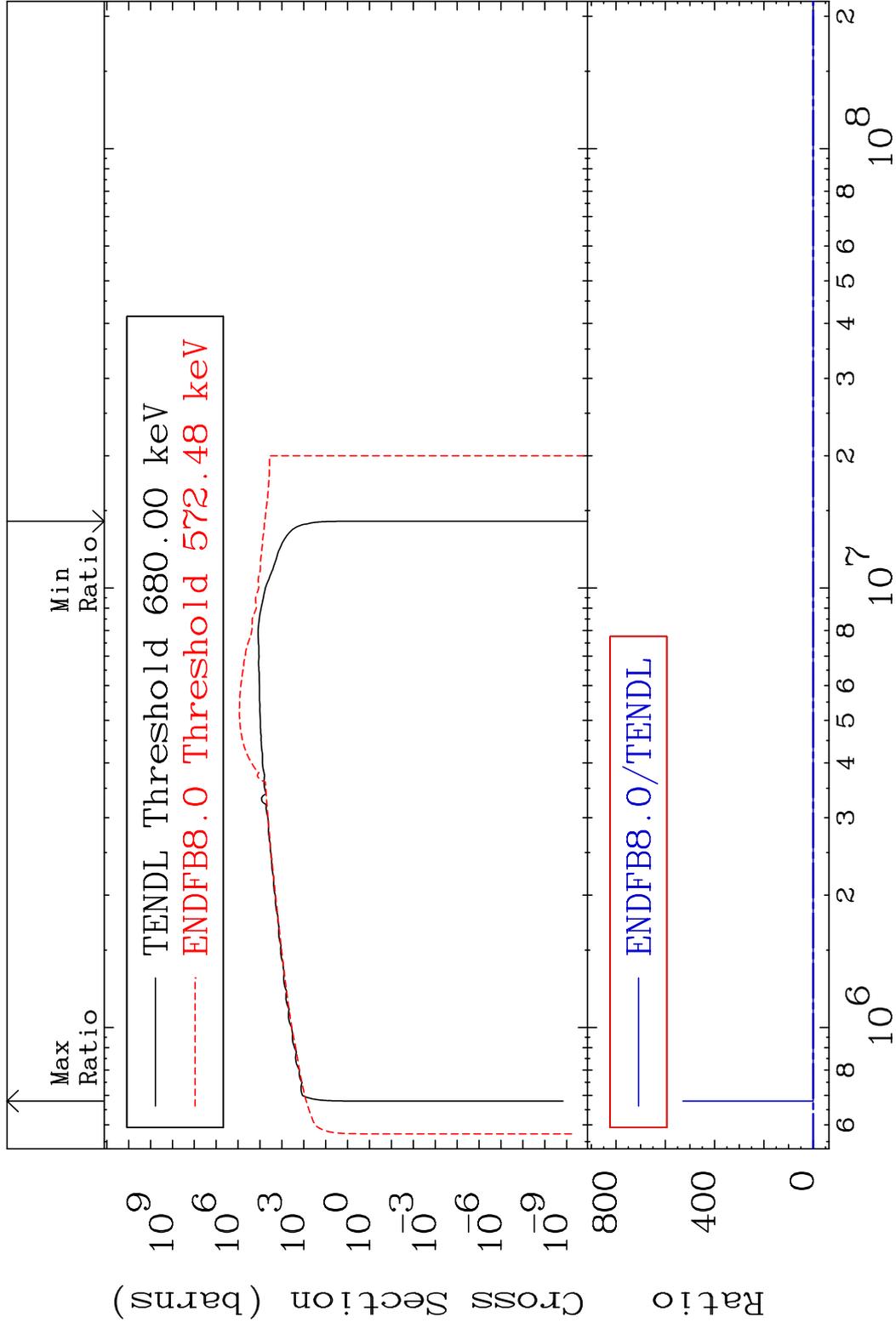


40 Incident Energy (eV) 82-Pb-207

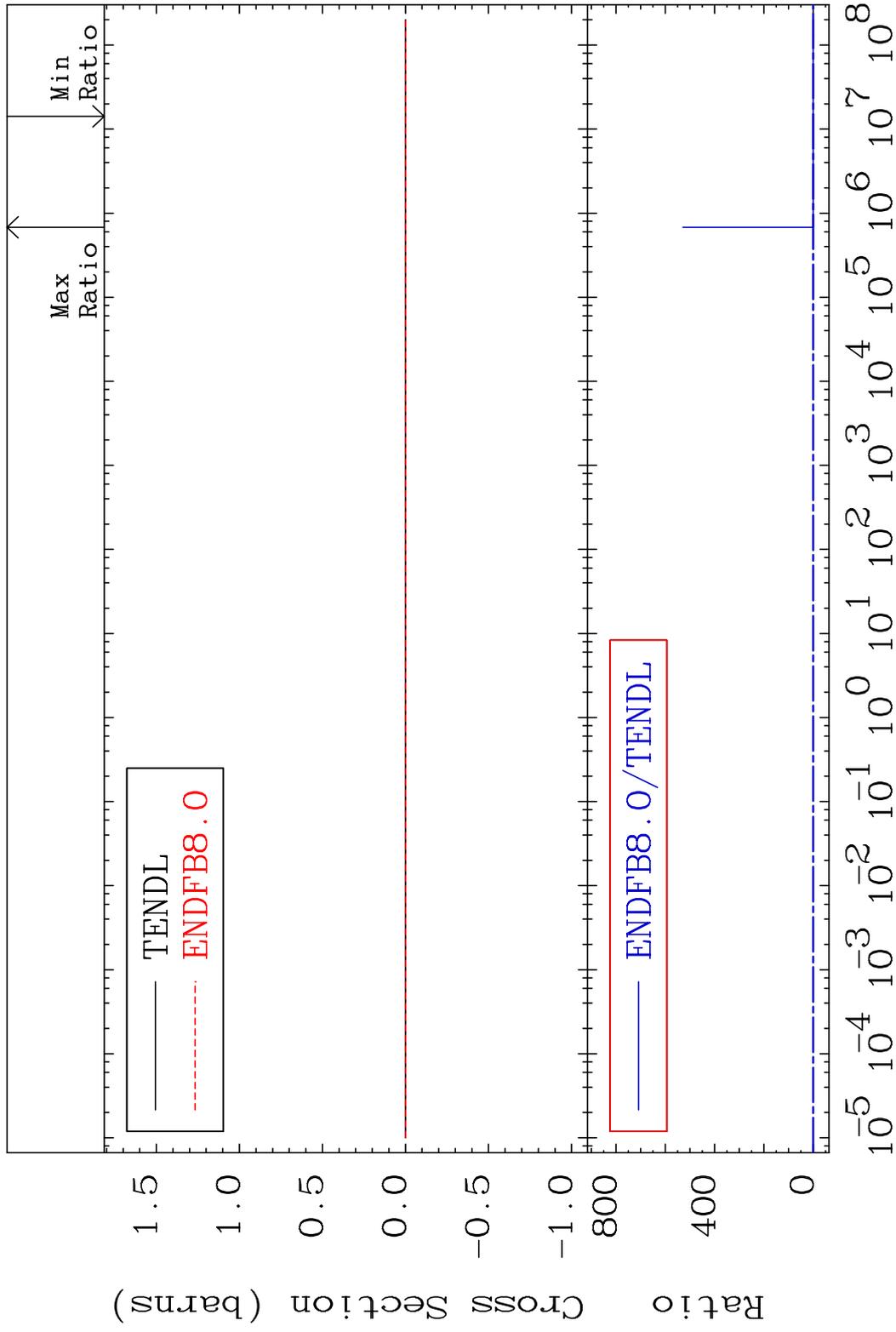
MAT 8234 Dpa disappearance (mt102 -120) 82-Pb-207
 Cross Section -100.0 To 9999. %



MAT 8234 Kerma inelastic (mt51-91) 82-Pb-207
 Cross Section -9999. To 9999. %



MAT 8234 Kerma fission (mt18 or mt19-20-21-38)82-Pb-207
 Cross Section -9999. To 9999. %

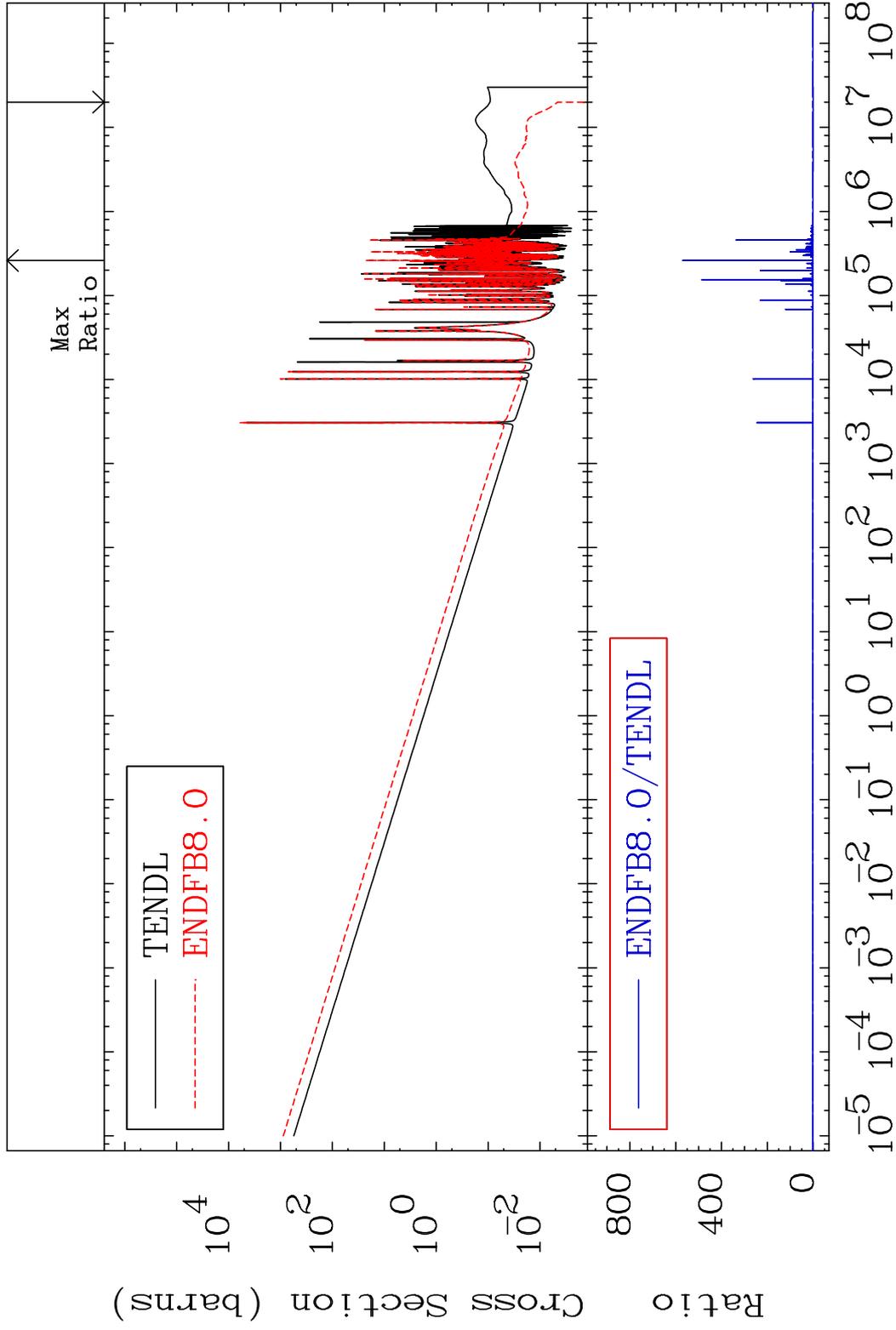


MAT 8234

Kerma capture (mt102)

82-Pb-207

Cross Section -100.0 To 9999. %

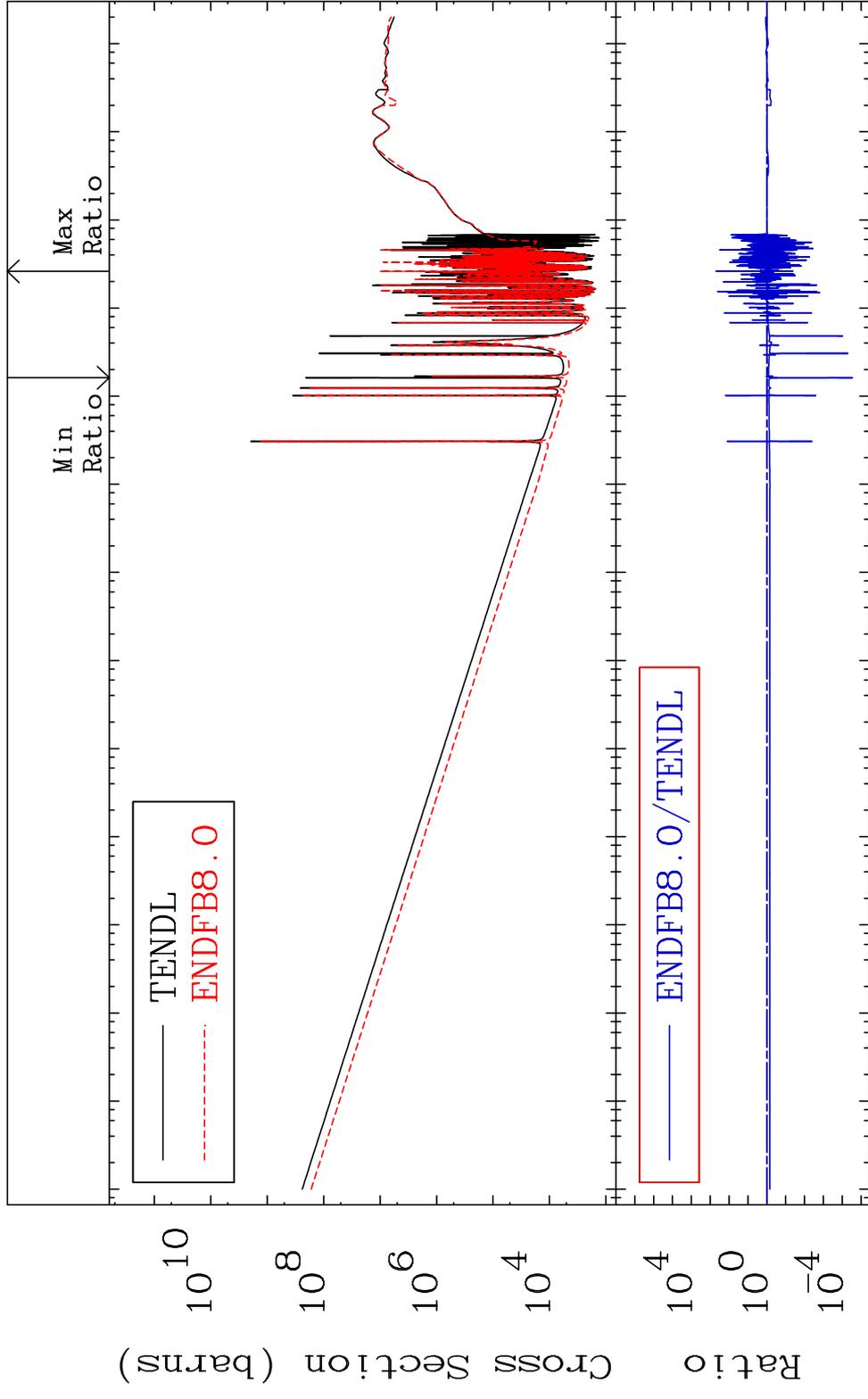


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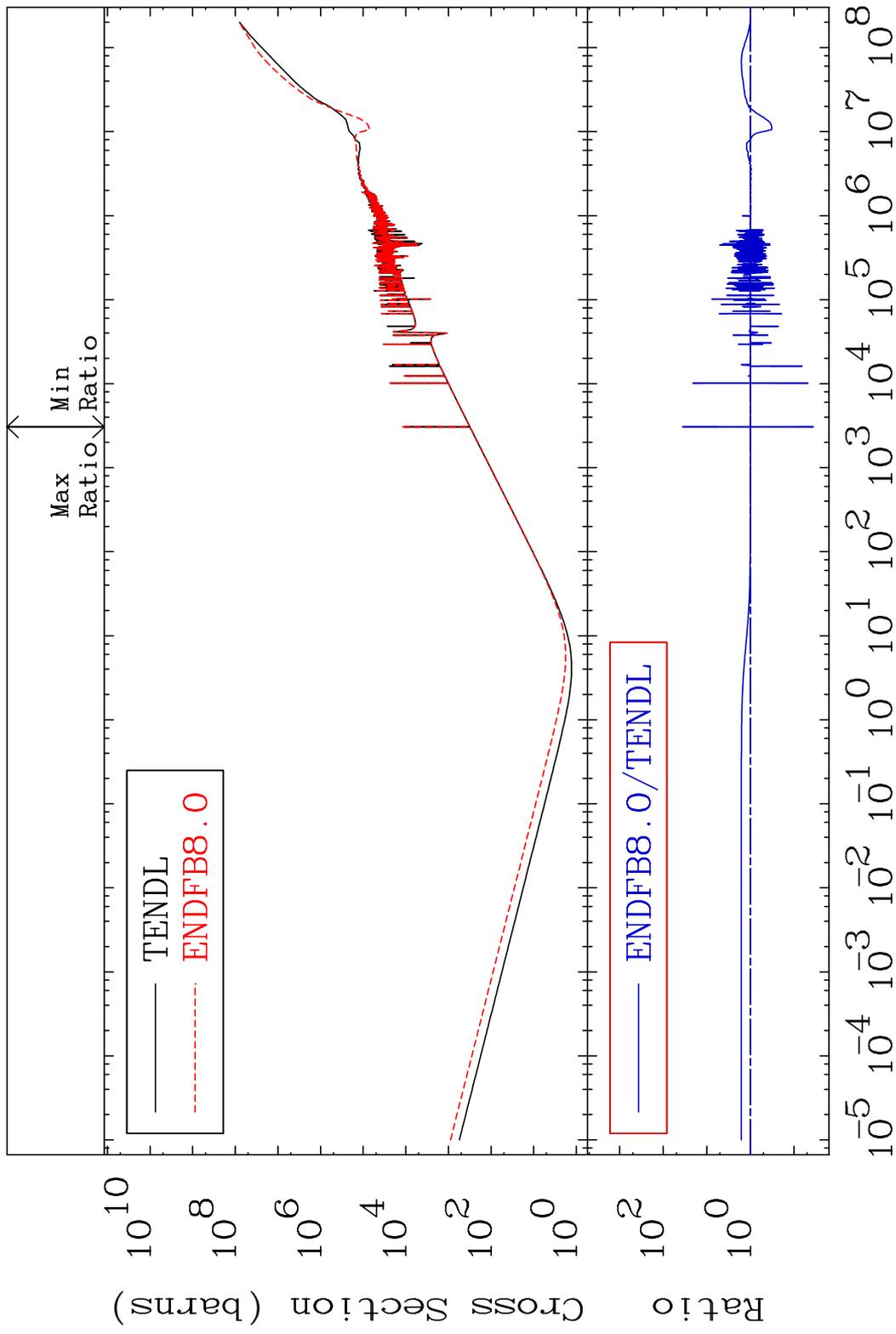
Incident Energy (eV)

82-Pb-207

MAT 8234 Total photon (eV-barns) 82-Pb-207
 Cross Section -100.0 To 9999. %



MAT 8234 Total kinematic kerma (high limit) 82-Pb-207
 Cross Section -96.38 To 3452. %

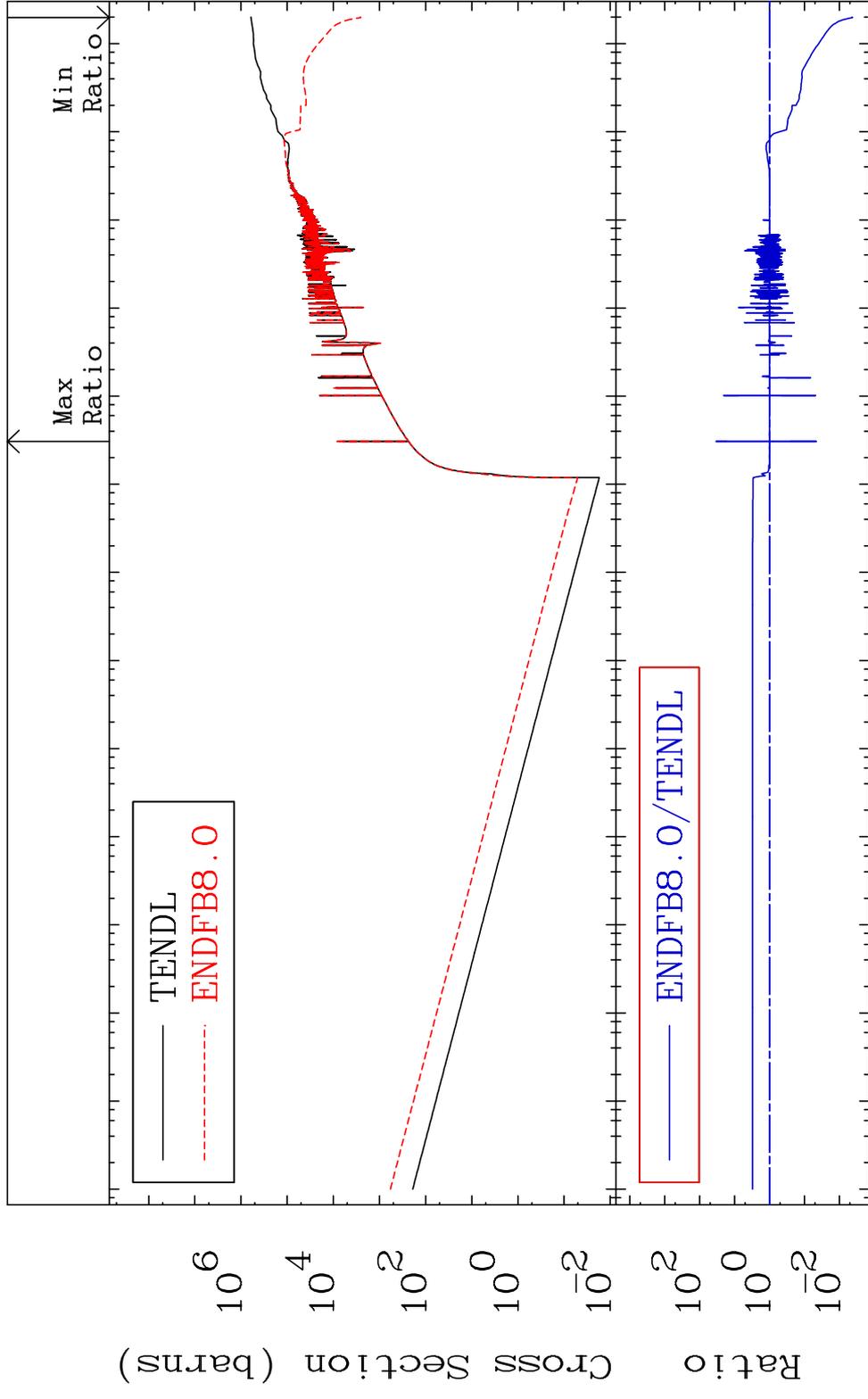


MAT 8234

Dpa total (eV-barns)

82-Pb-207

Cross Section -99.58 To 3323. %



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Incident Energy (eV)

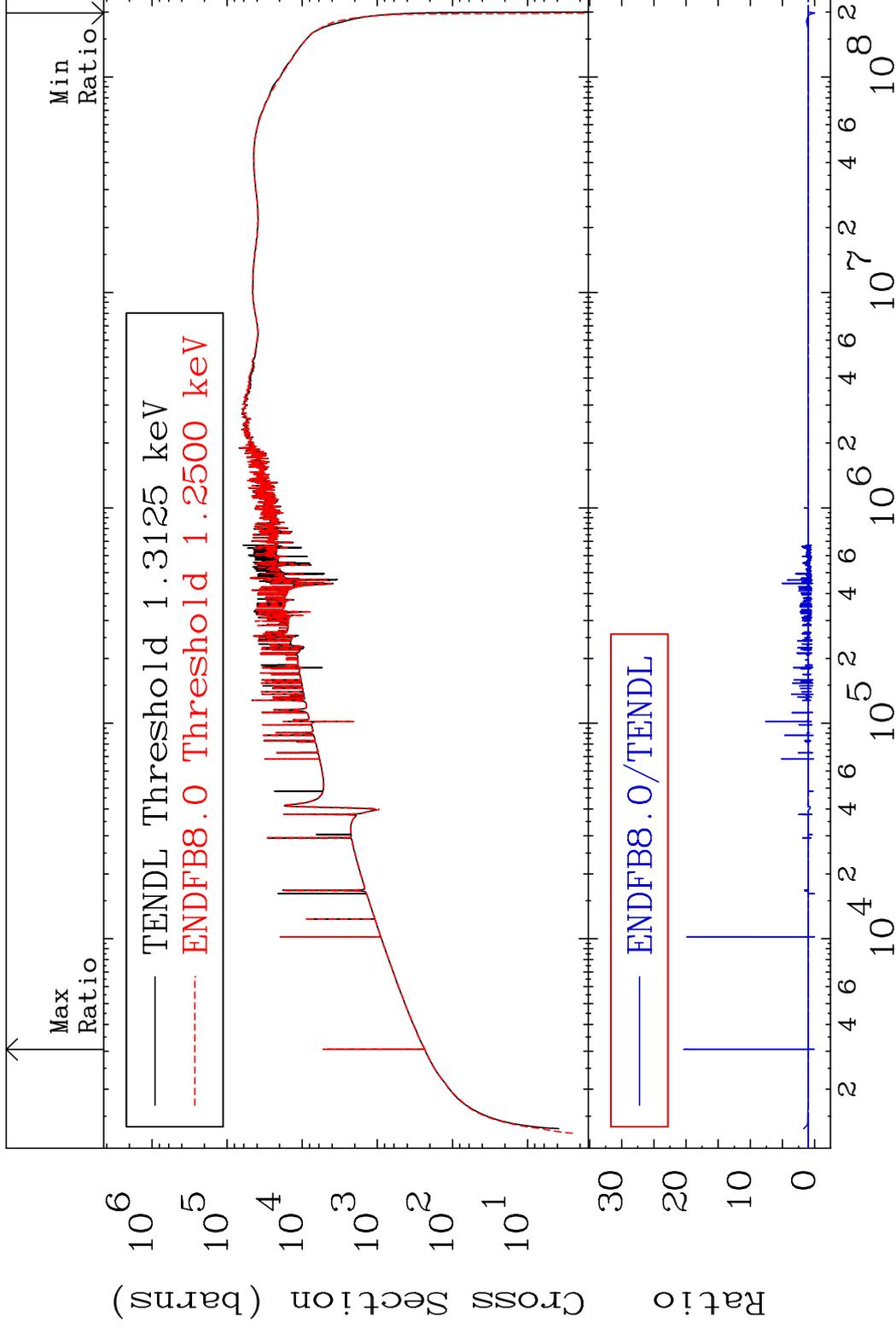
82-Pb-207

MAT 8234

Dpa elastic (mt2)

82-Pb-207

Cross Section -100.0 To 1933. %

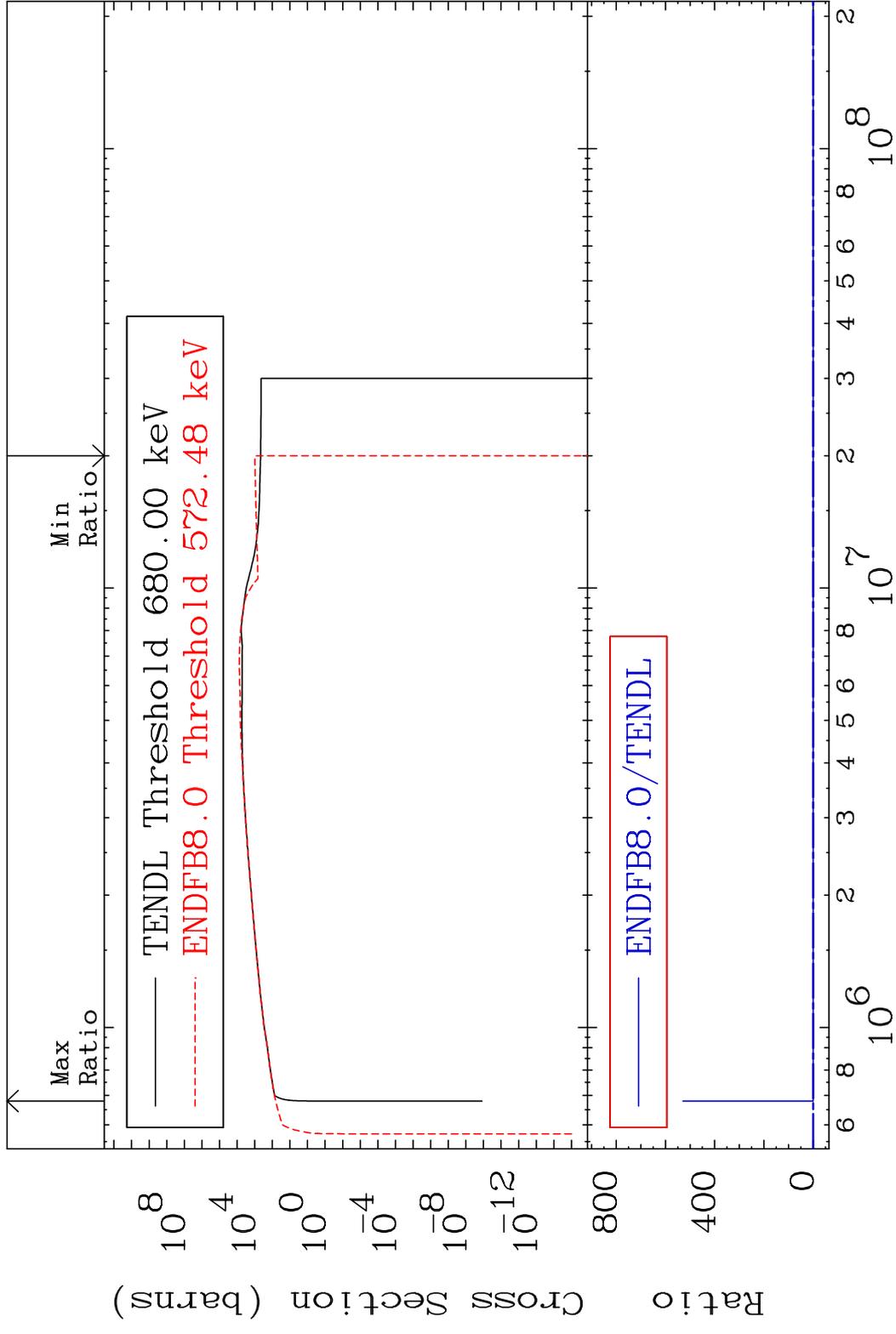


48

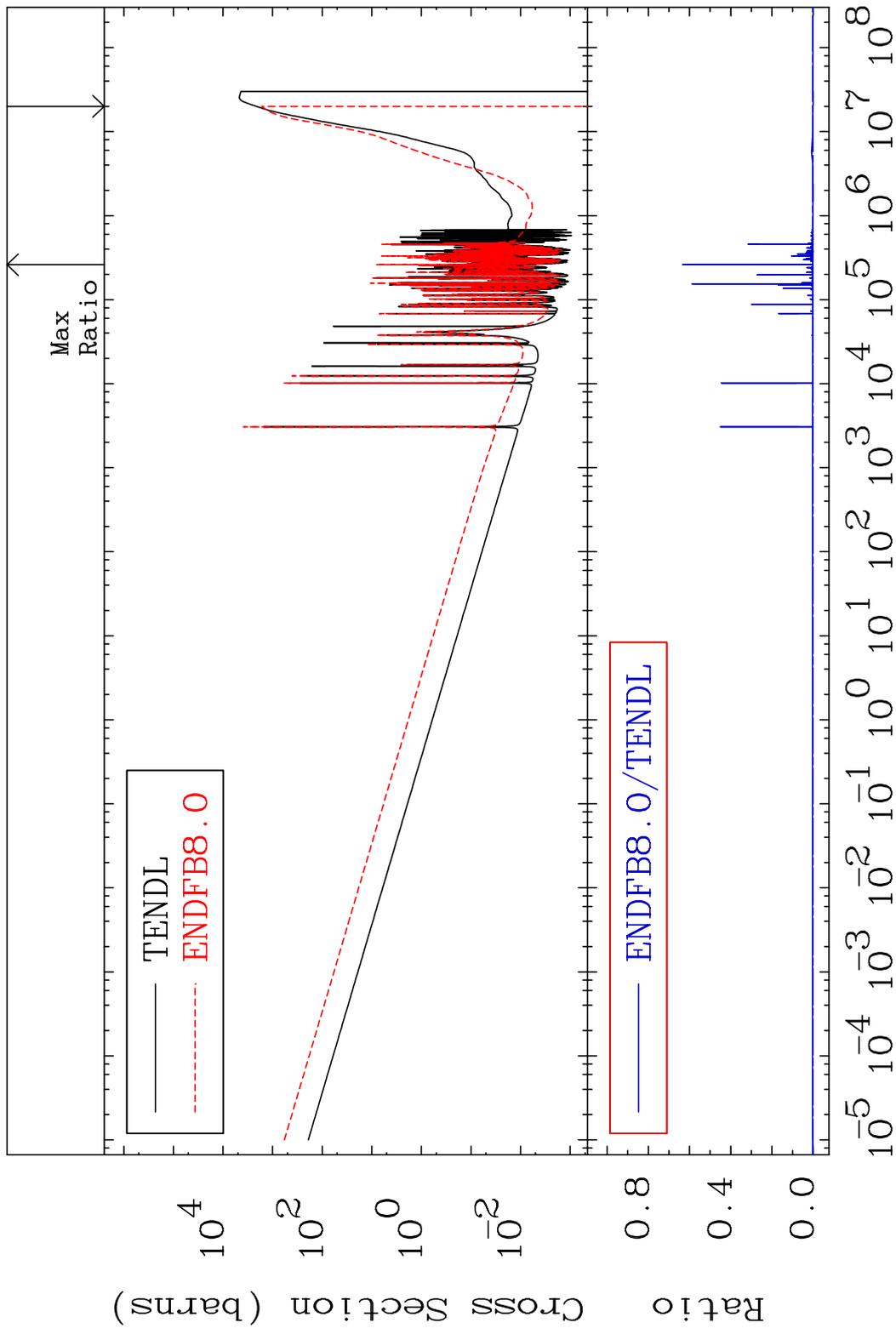
Incident Energy (eV)

82-Pb-207

MAT 8234 Dpa inelastic (mt51-91) 82-Pb-207
 Cross Section -100.0 To 9999. %



MAT 8234 Dpa disappearance (mt102 -120) 82-Pb-207
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 82-Pb-207

MAT 8234 (n,p):81-Tl-207g 82-Pb-207
 Radionuclide Production Cross Section 180.0 dth 143.2 %

