

Program Complot
(Version 2021-1)

by

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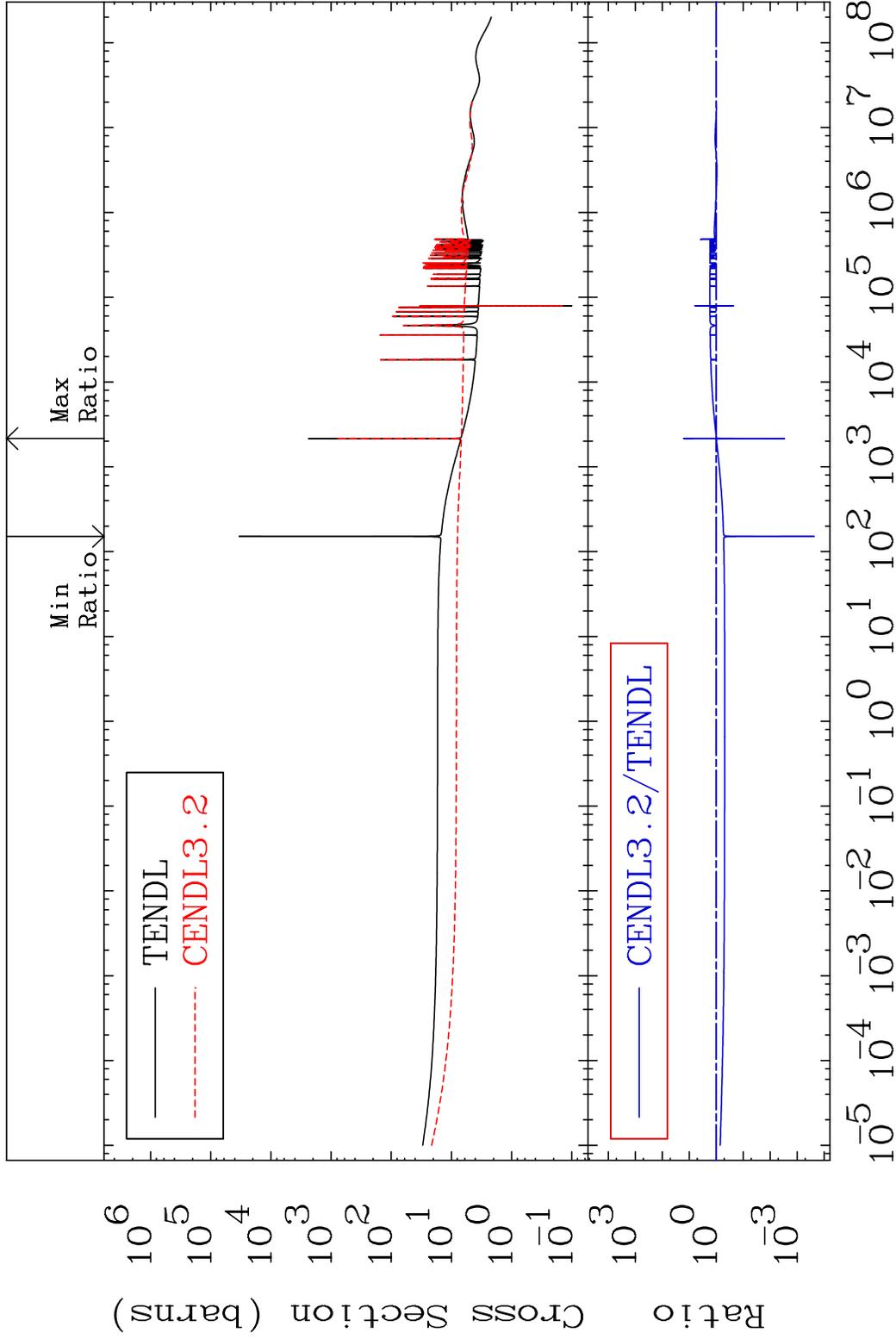
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Press Mouse Button to Start

MAT 5461

Total Cross Section
54-Xe-136
-99.98 To 1525. %



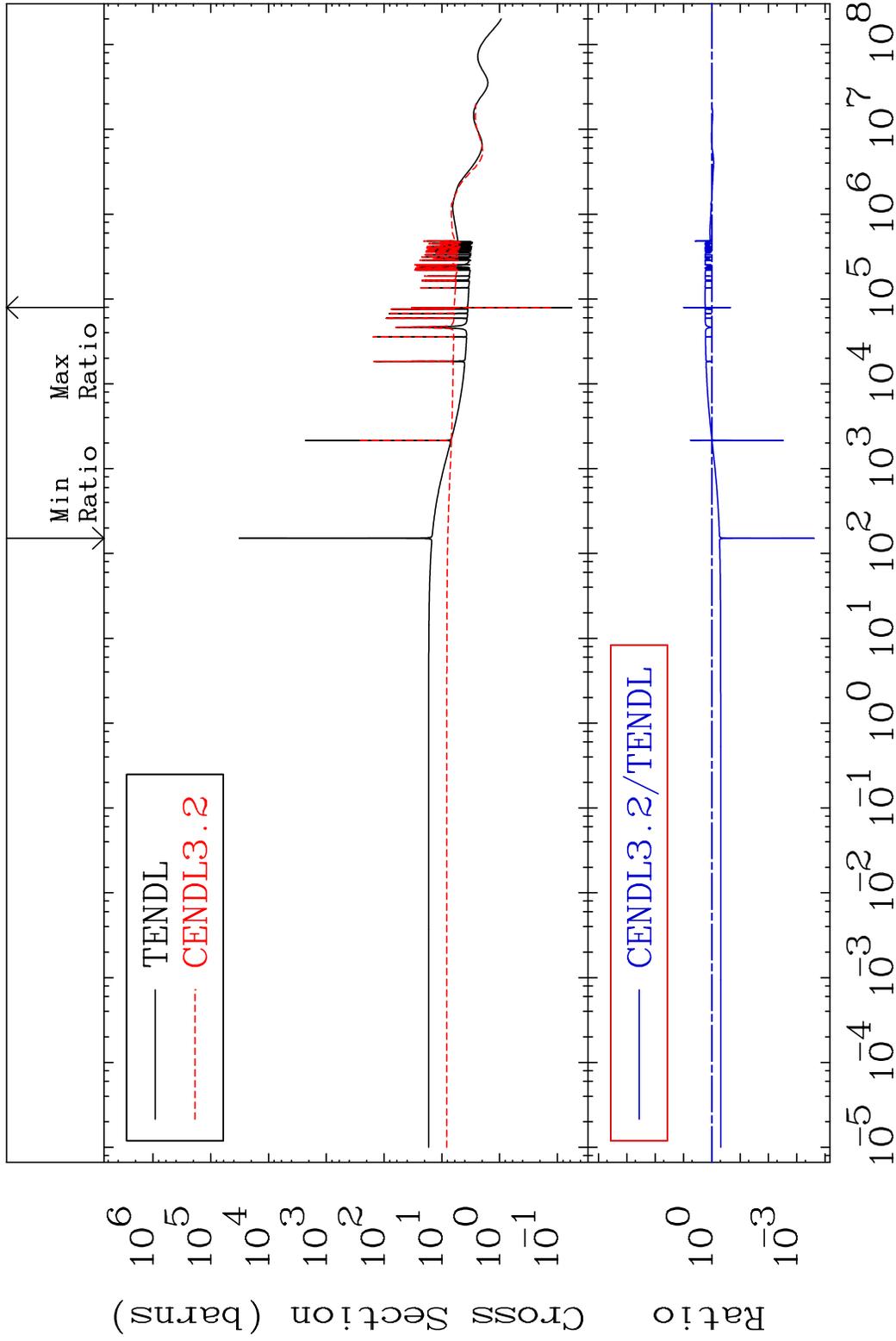
1 Incident Energy (eV) 54-Xe-136

MAT 5461

Elastic

54-Xe-136

Cross Section -99.98 To 894.3 %



2

Incident Energy (eV)

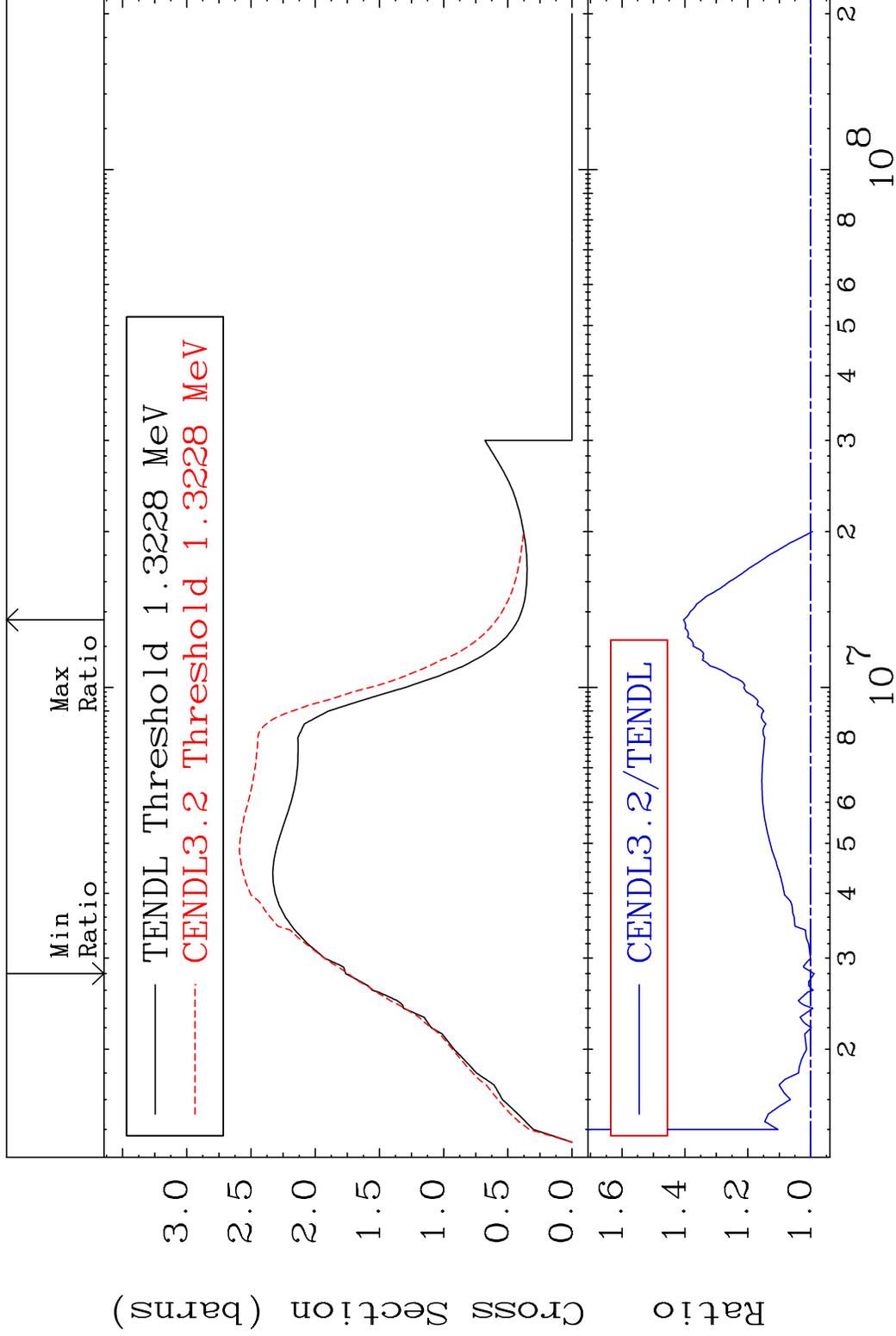
54-Xe-136

MAT 5461

Inelastic

54-Xe-136

Cross Section -1.066 To 40.43 %

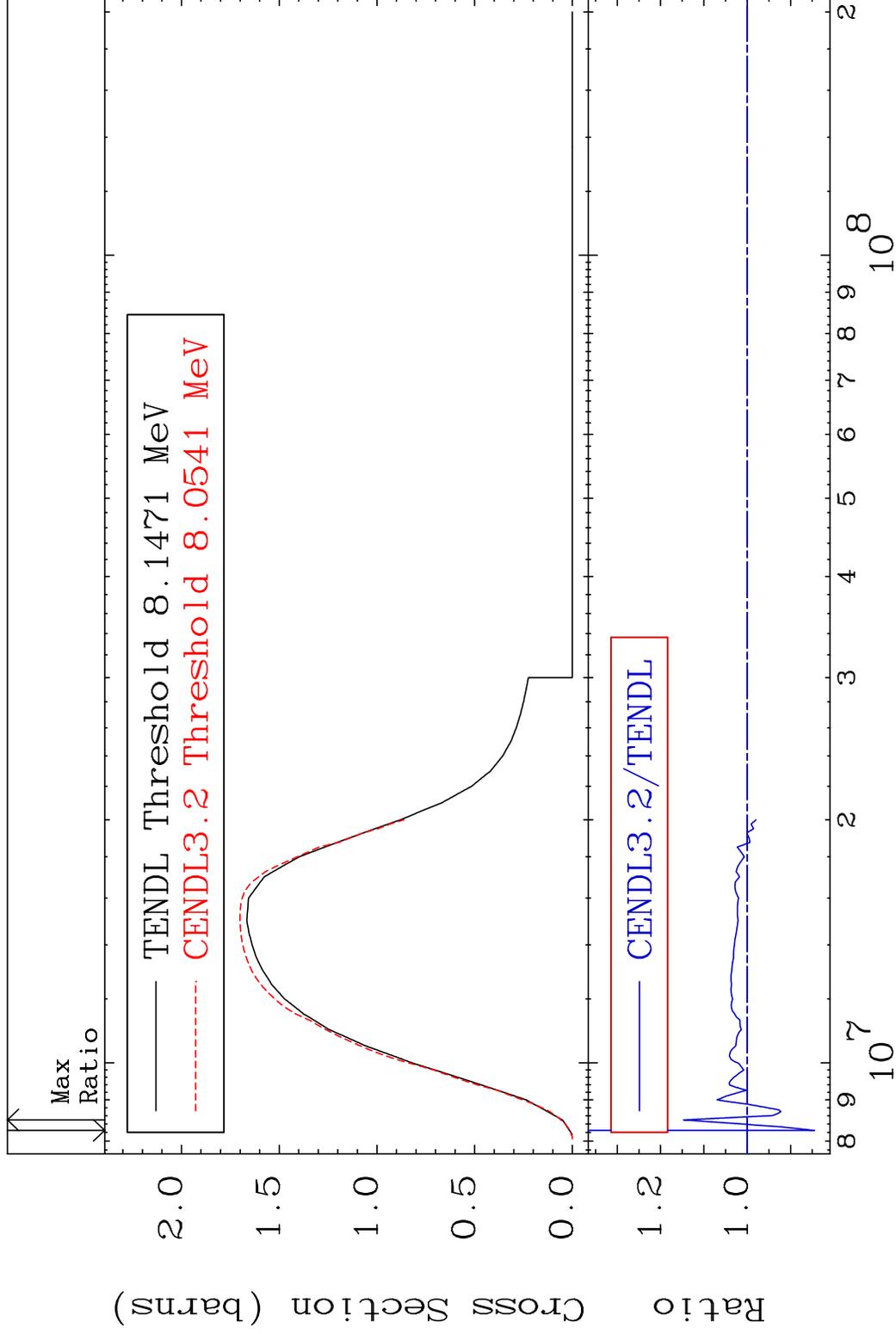


MAT 5461

(n,2n)

54-Xe-136

Cross Section -15.44 To 14.65 %



4

Incident Energy (eV)

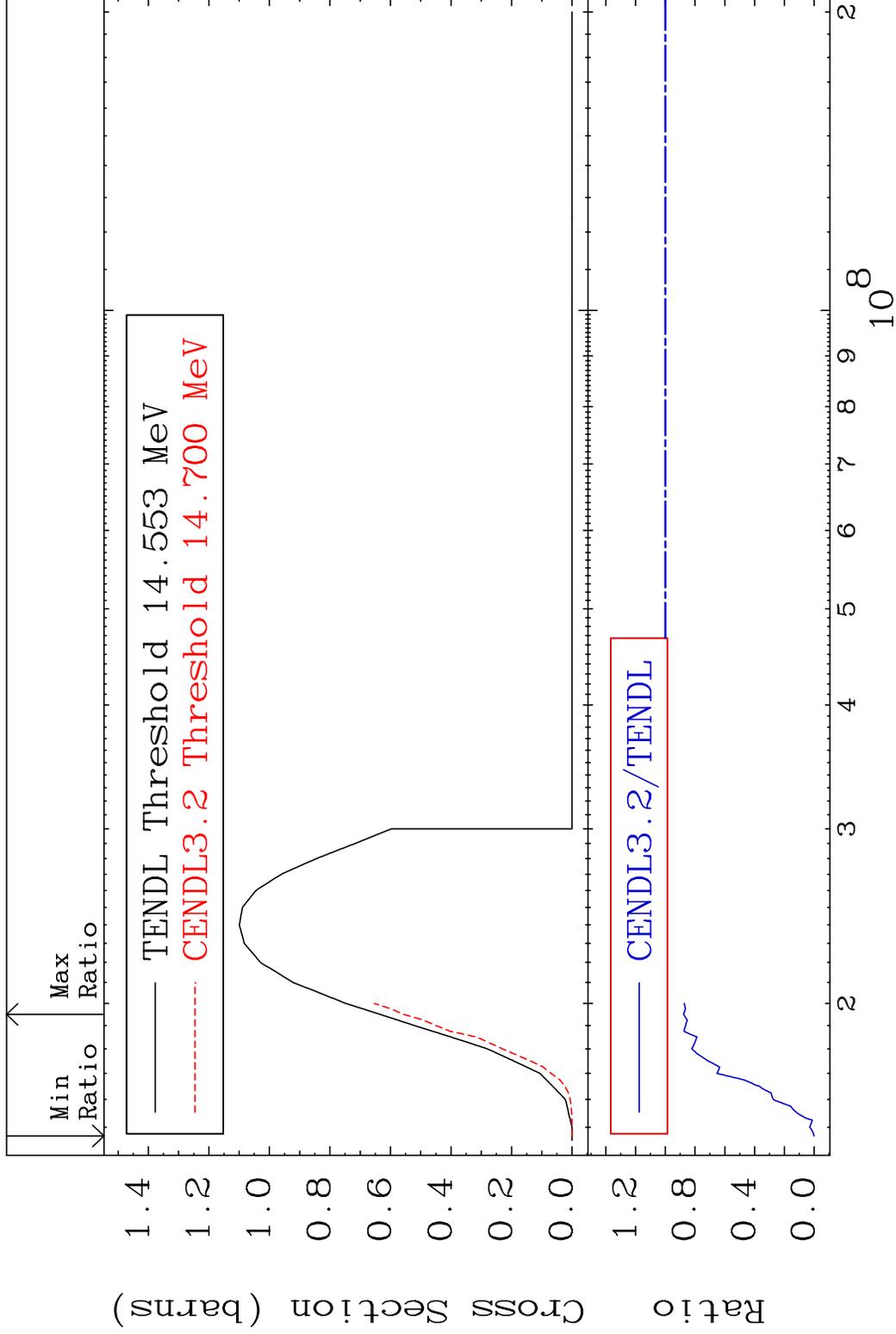
54-Xe-136

MAT 5461

(n,3n)

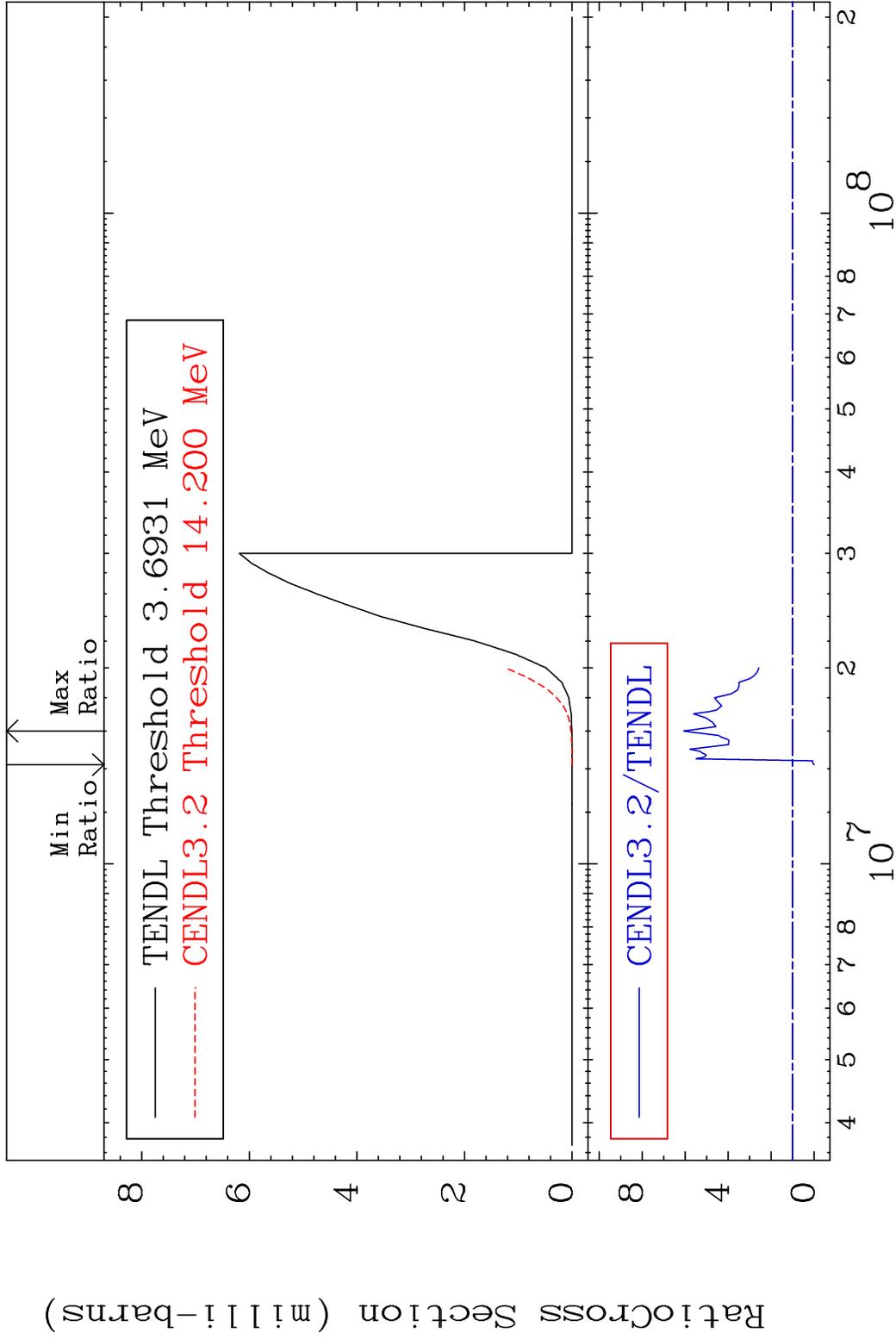
54-Xe-136

Cross Section -100.0 To -12.22%



MAT 5461

(n, n') α 54-Xe-136
Cross Section -100.0 To 507.5 %

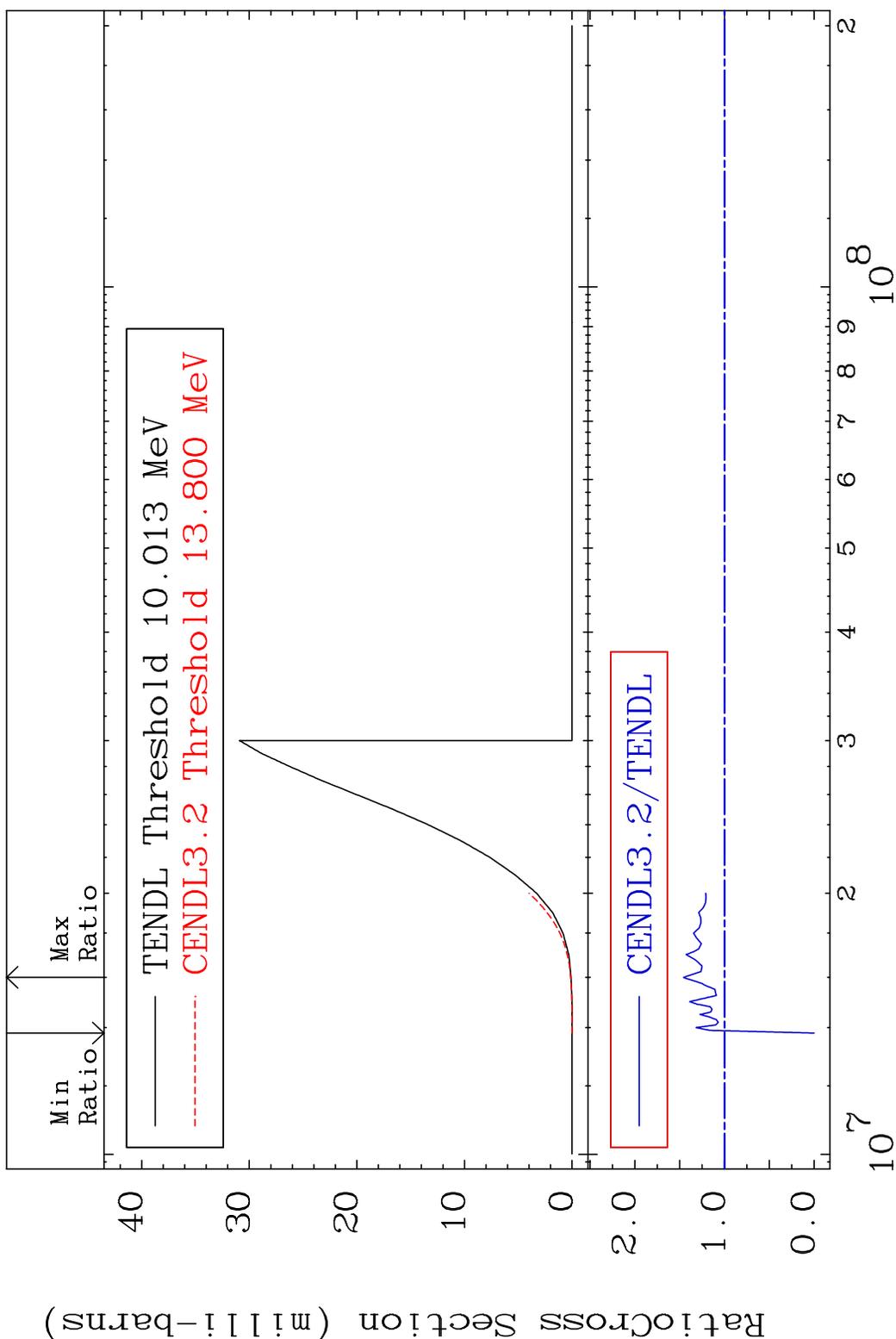


6

Incident Energy (eV)

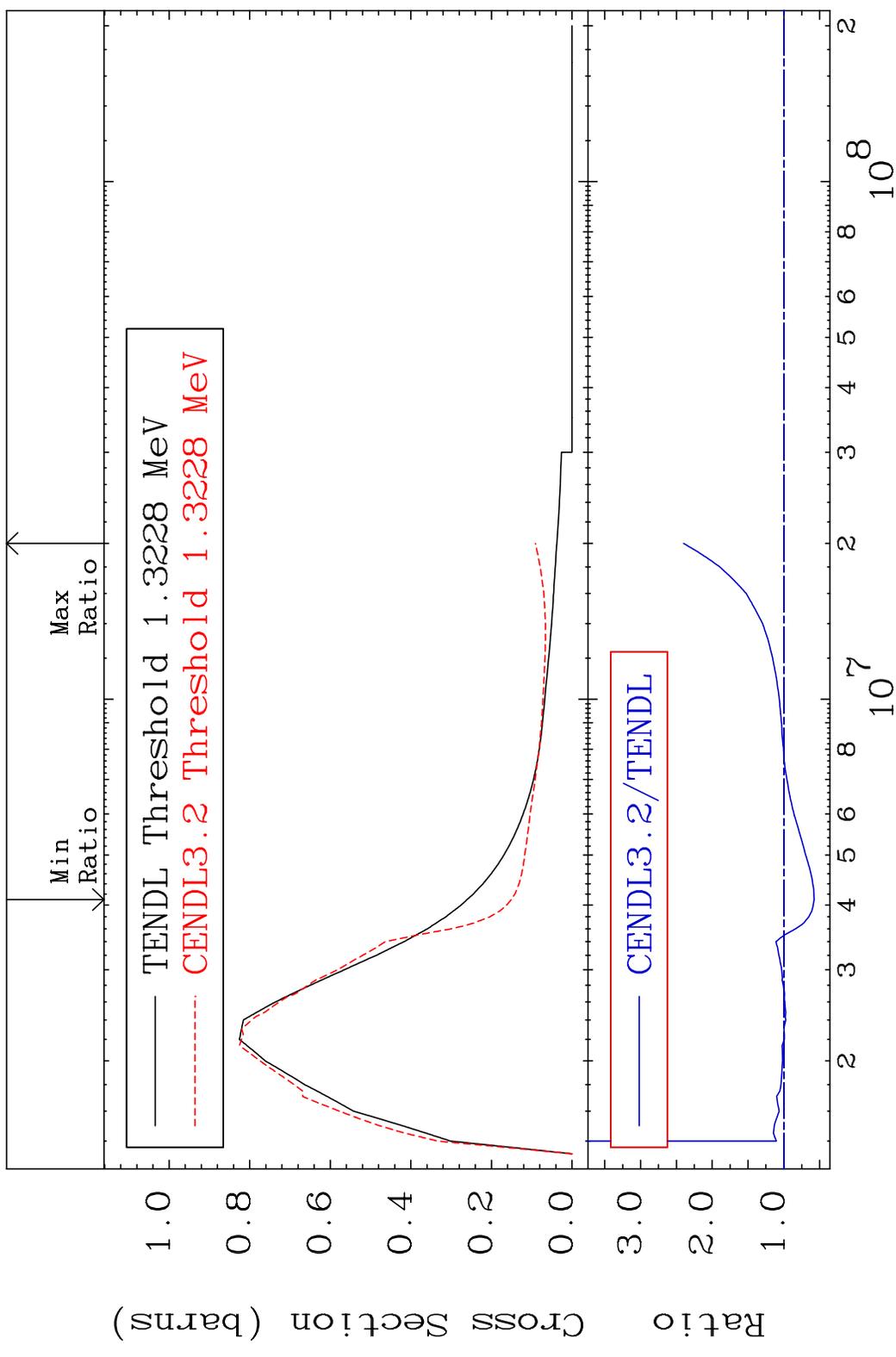
54-Xe-136

MAT 5461 (n, n') p 54-Xe-136
 Cross Section -100.0 To 45.71 %



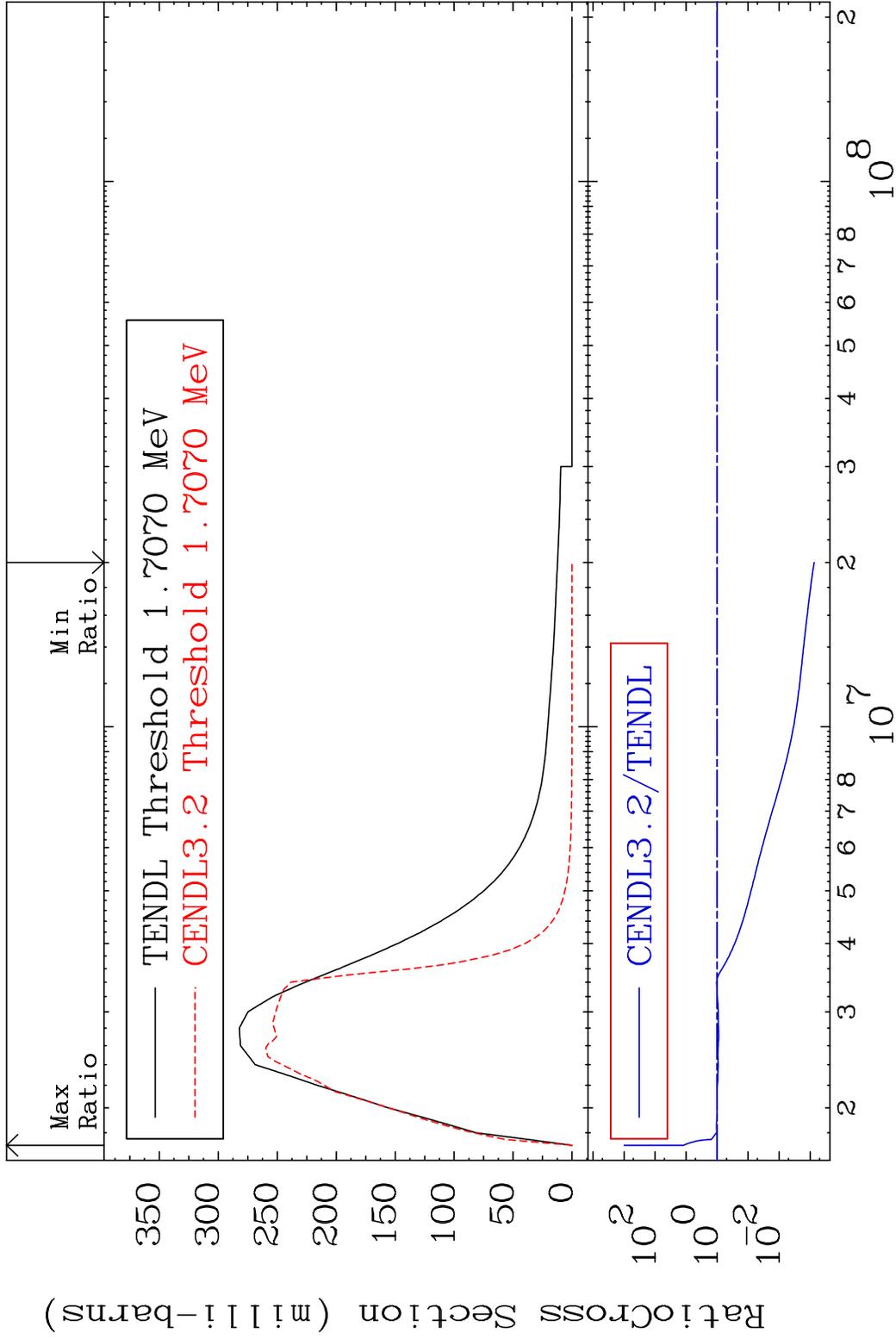
7 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 51 (n, n') Level 54-Xe-136
 Cross Section -42.19 To 140.1 %

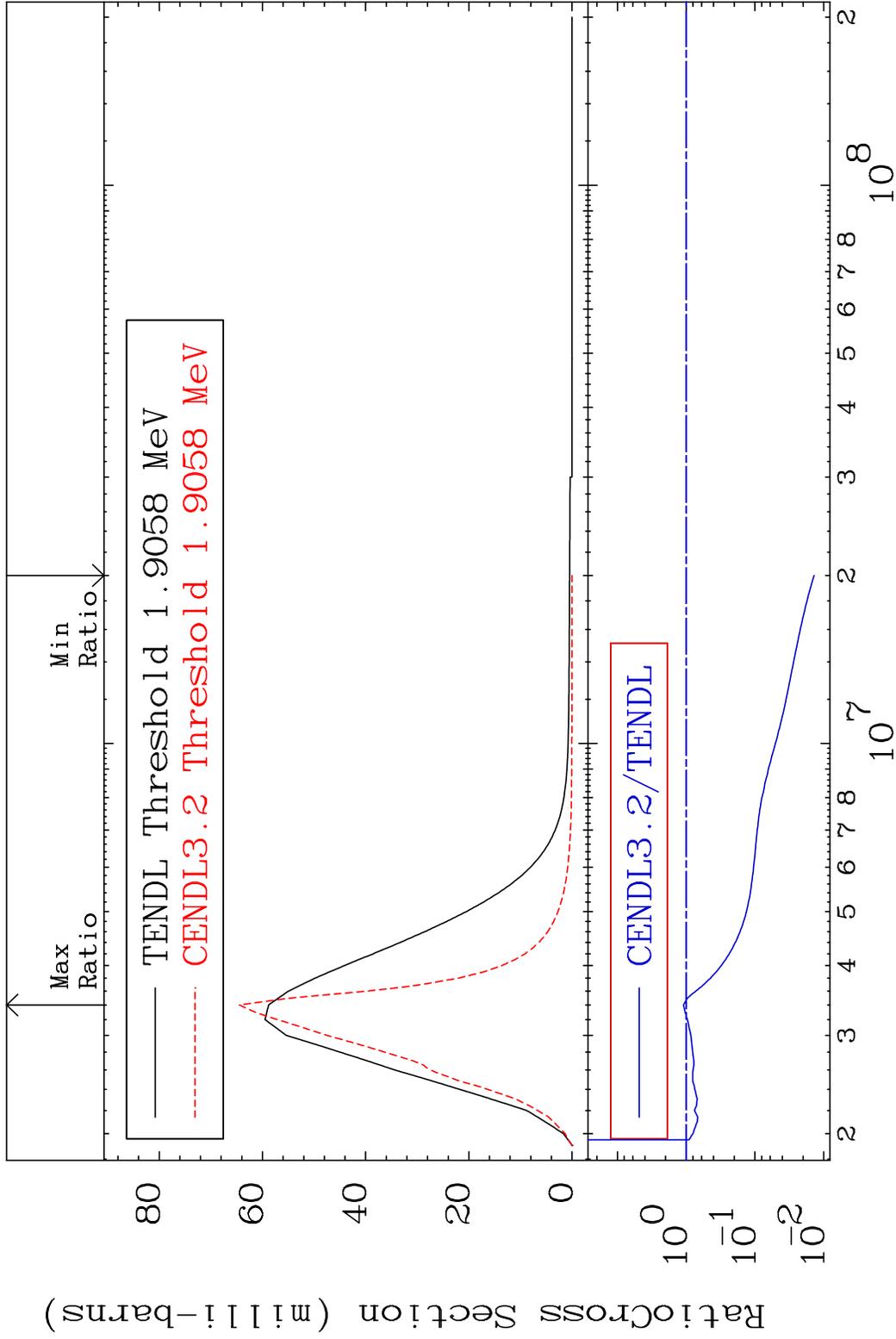


8 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 52 (n, n') Level 54-Xe-136
 Cross Section -99.92 To 1109. %

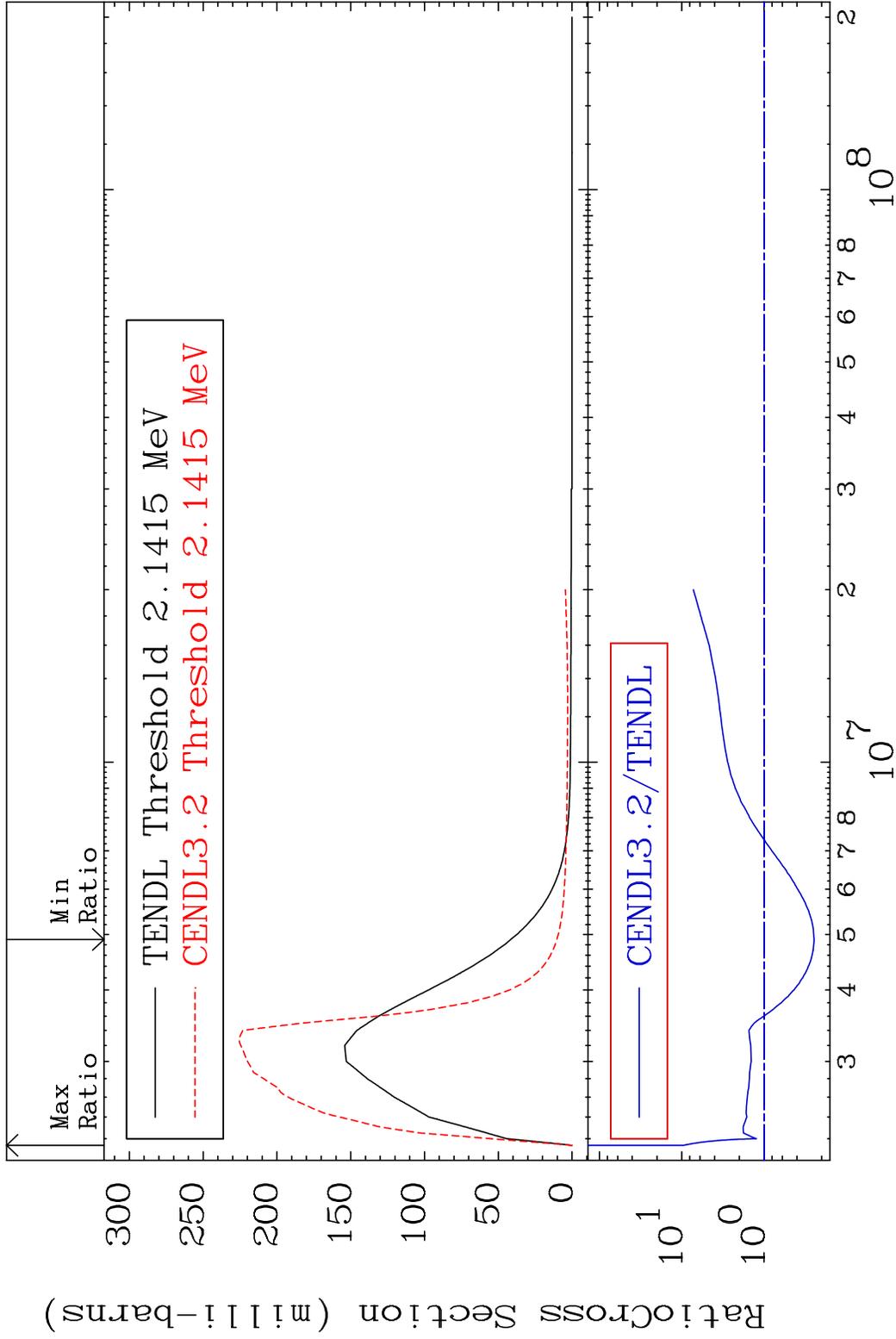


MAT 5461 MT= 53 (n, n') Level 54-Xe-136
 Cross Section -98.62 To 9.636 %



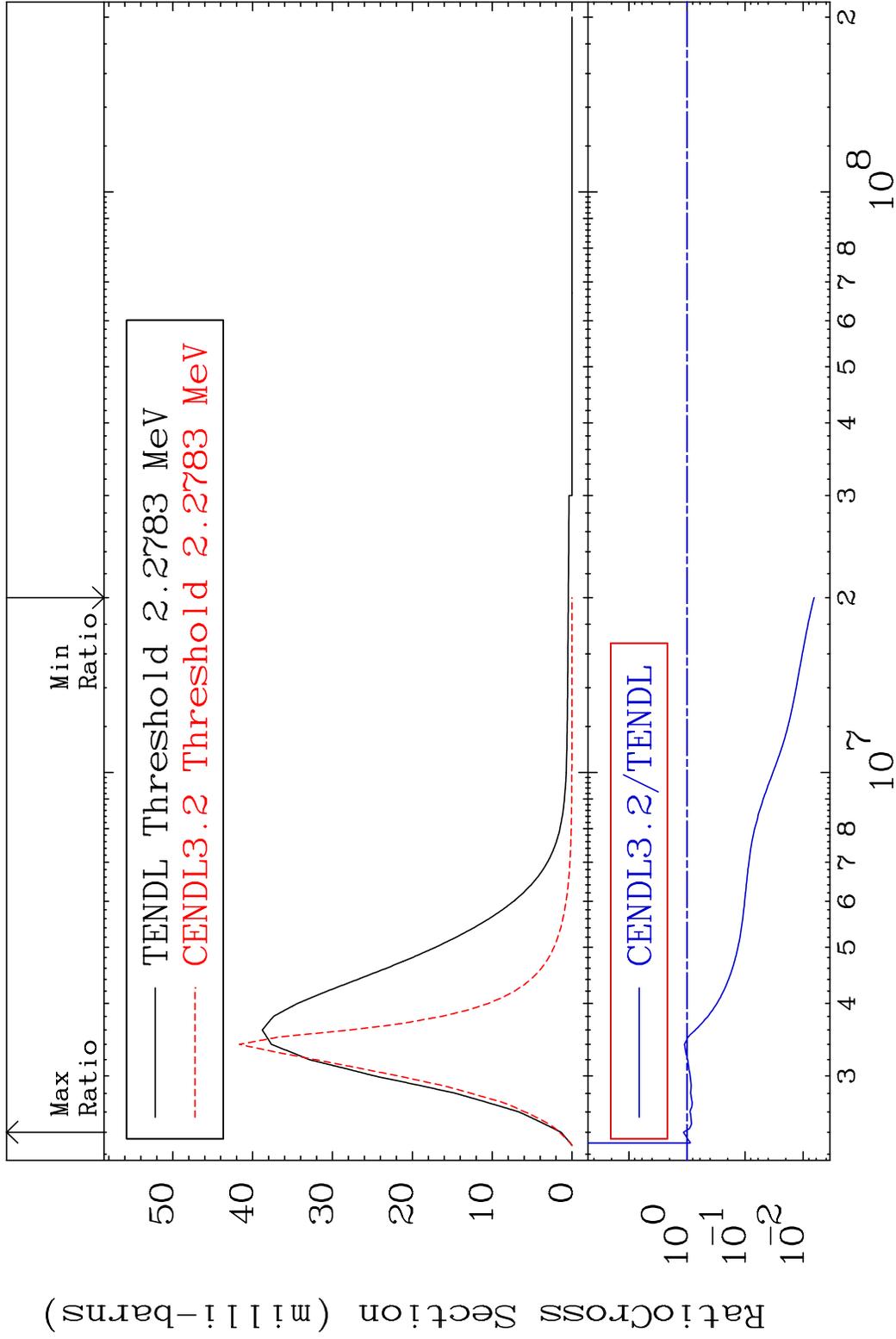
10 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 54 (n, n') Level 54-Xe-136
 Cross Section -75.21 To 852.2 %



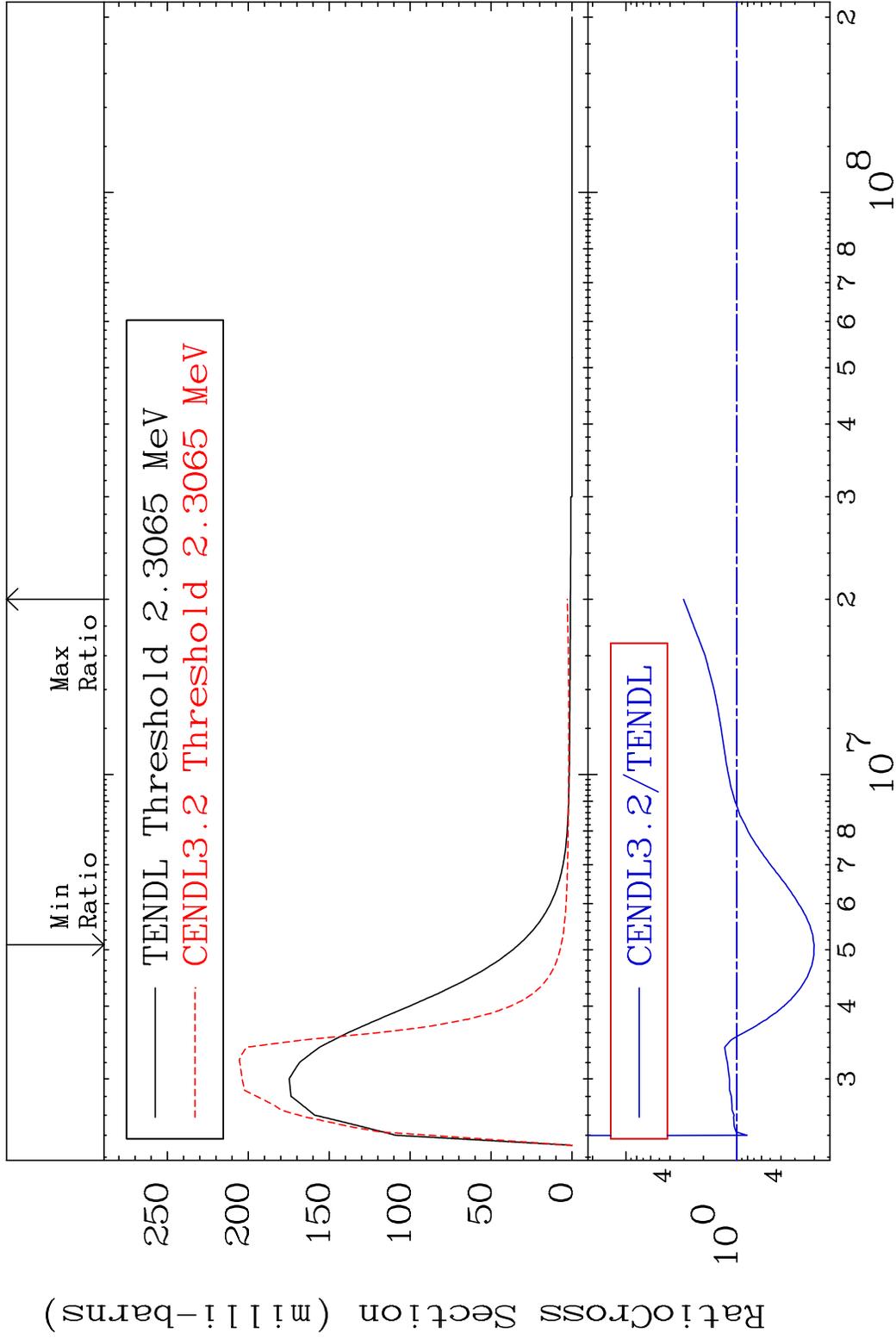
11 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 55 (n, n') Level 54-Xe-136
 Cross Section -99.35 To 15.03 %



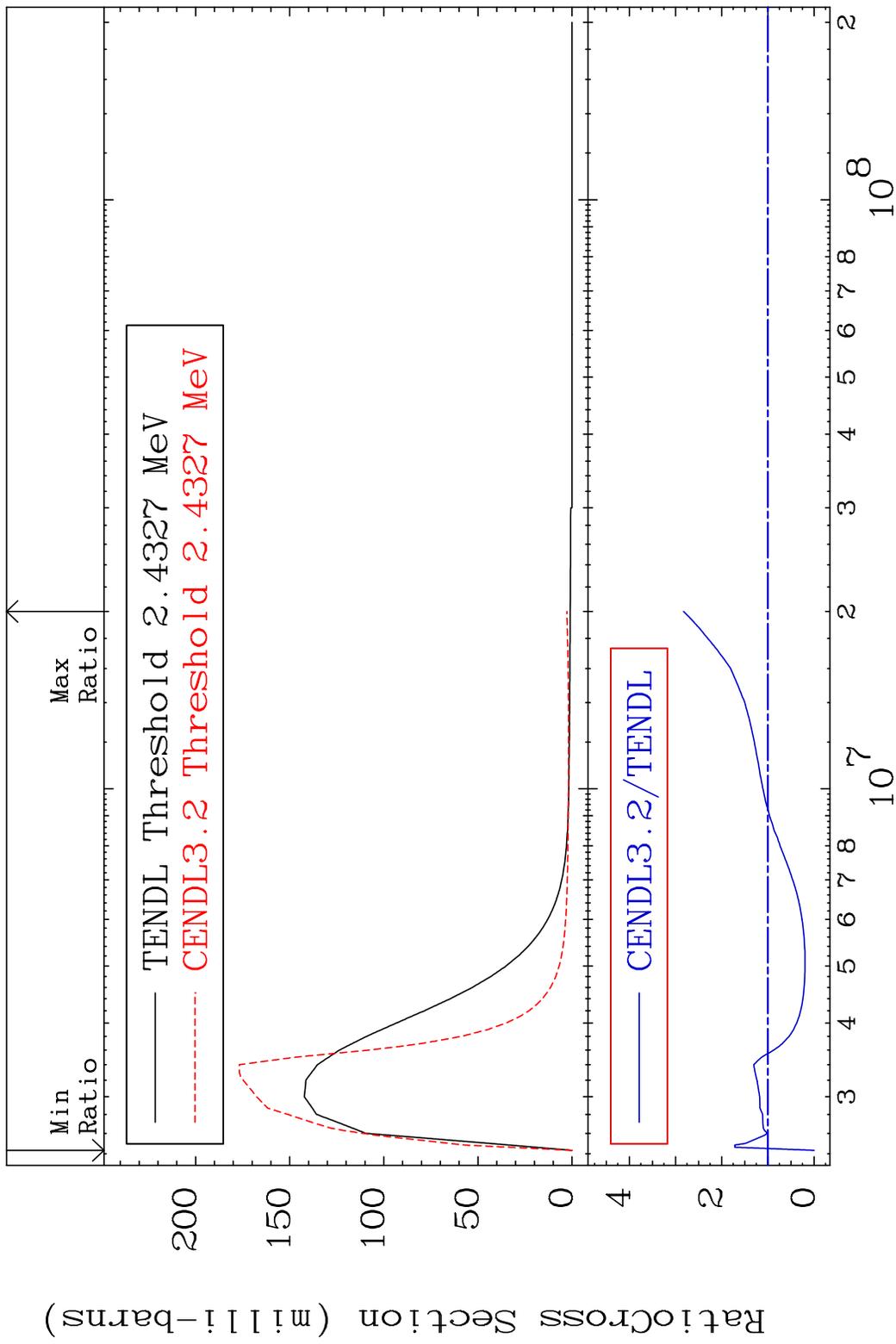
12 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 56 (n, n') Level 54-Xe-136
 Cross Section -79.85 To 202.7 %



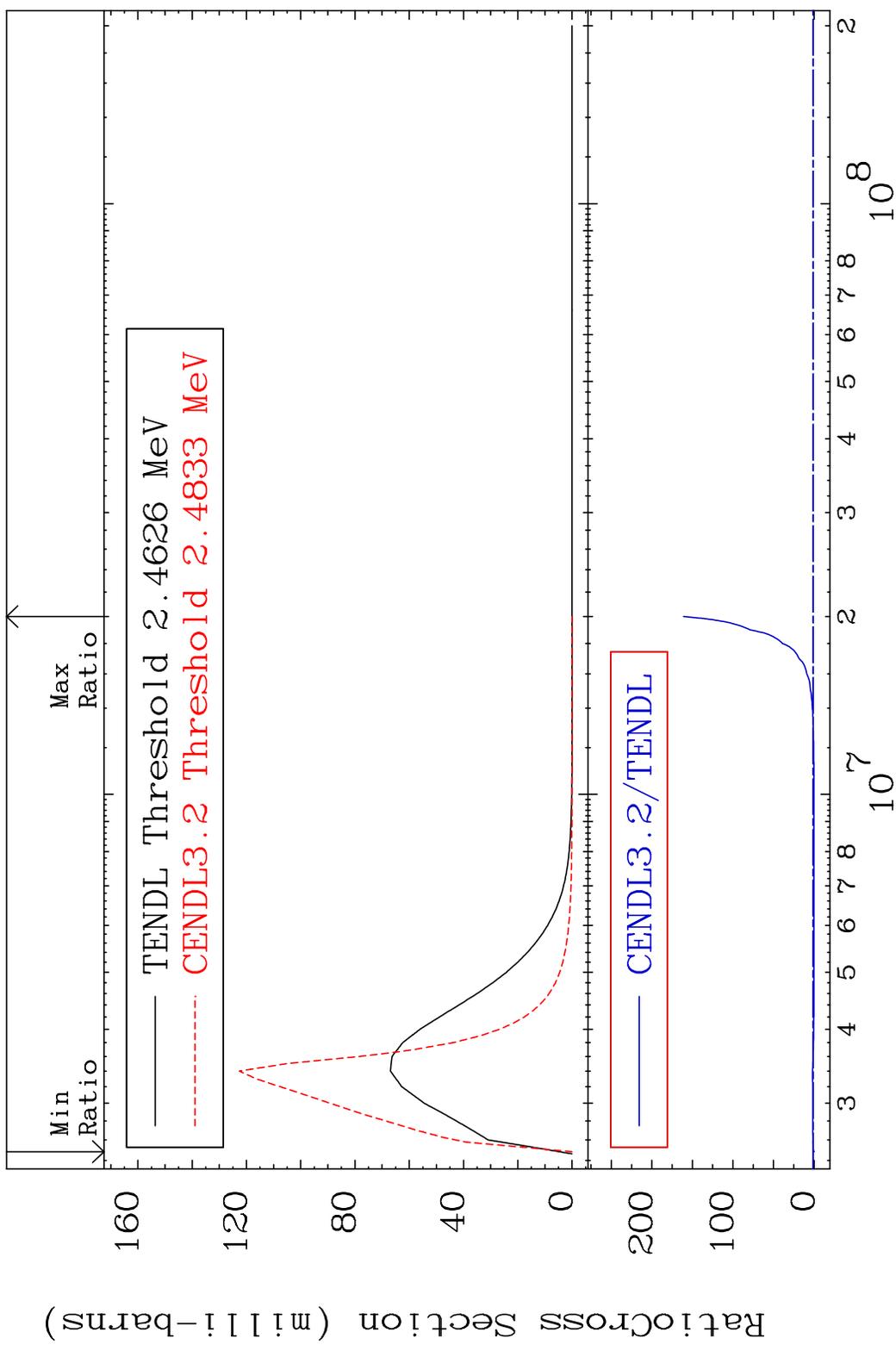
13 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 57 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 182.7 %



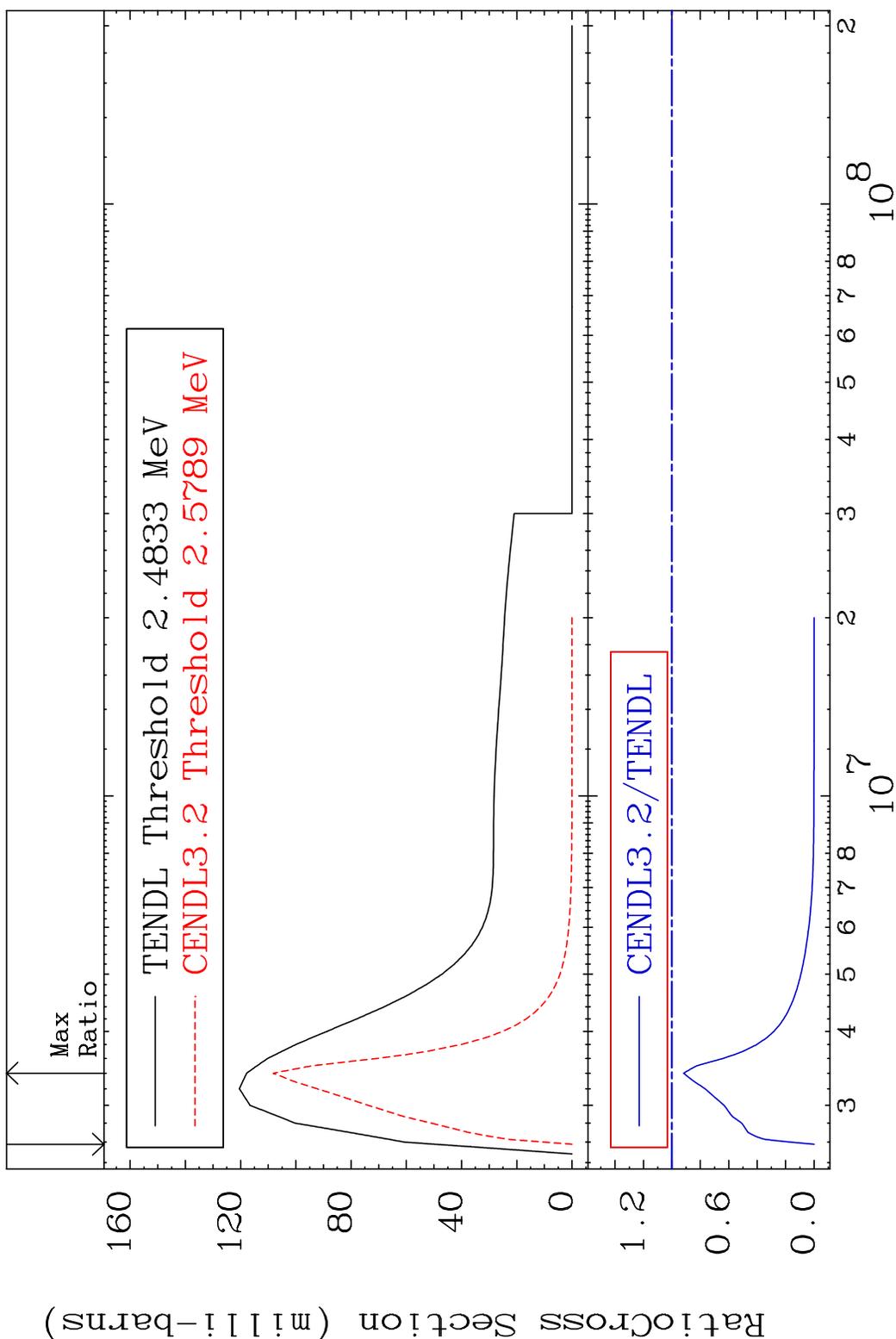
14 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 58 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 9999. %



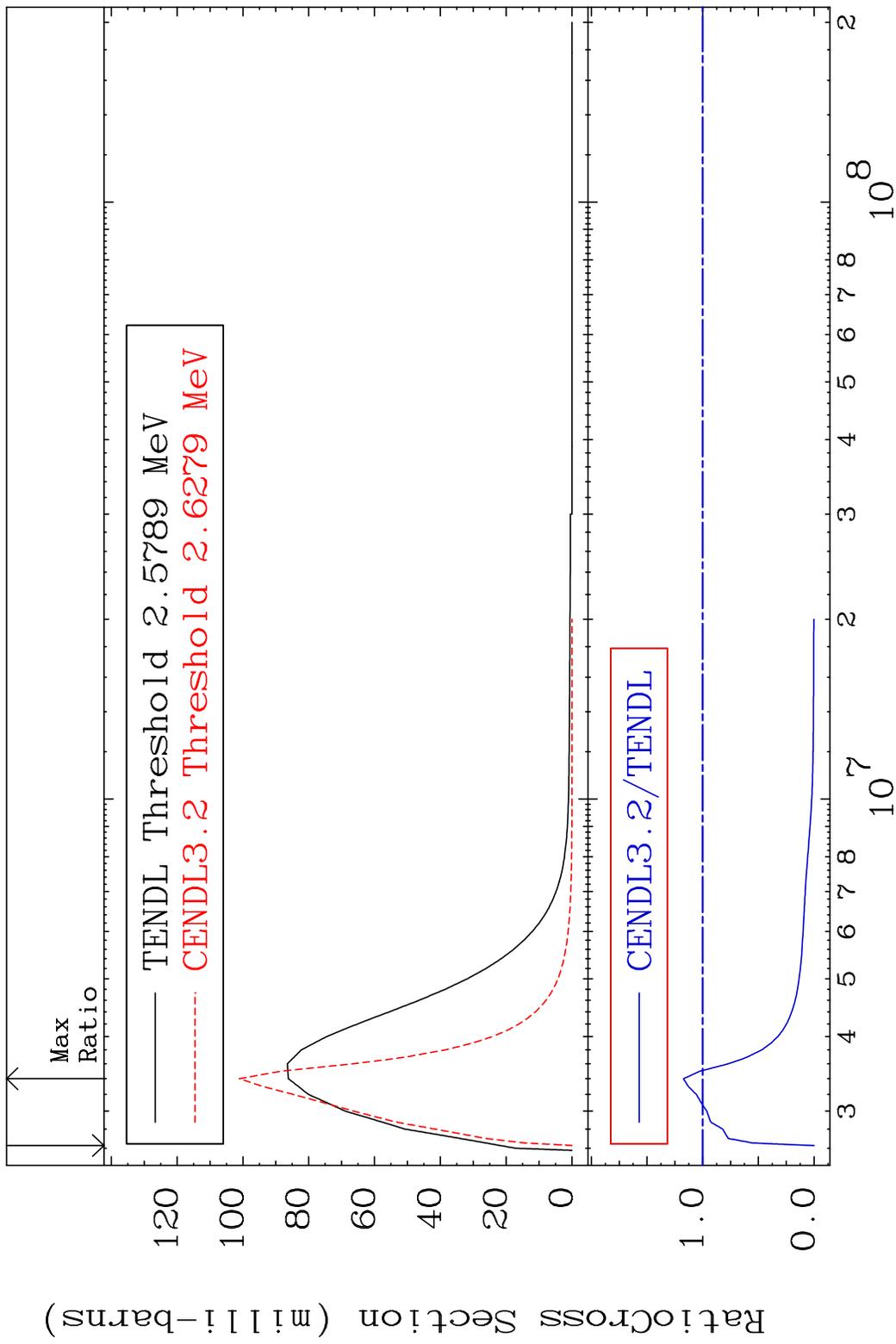
15 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 59 (n, n') Level 54-Xe-136
 Cross Section -100.0 To -8.168%



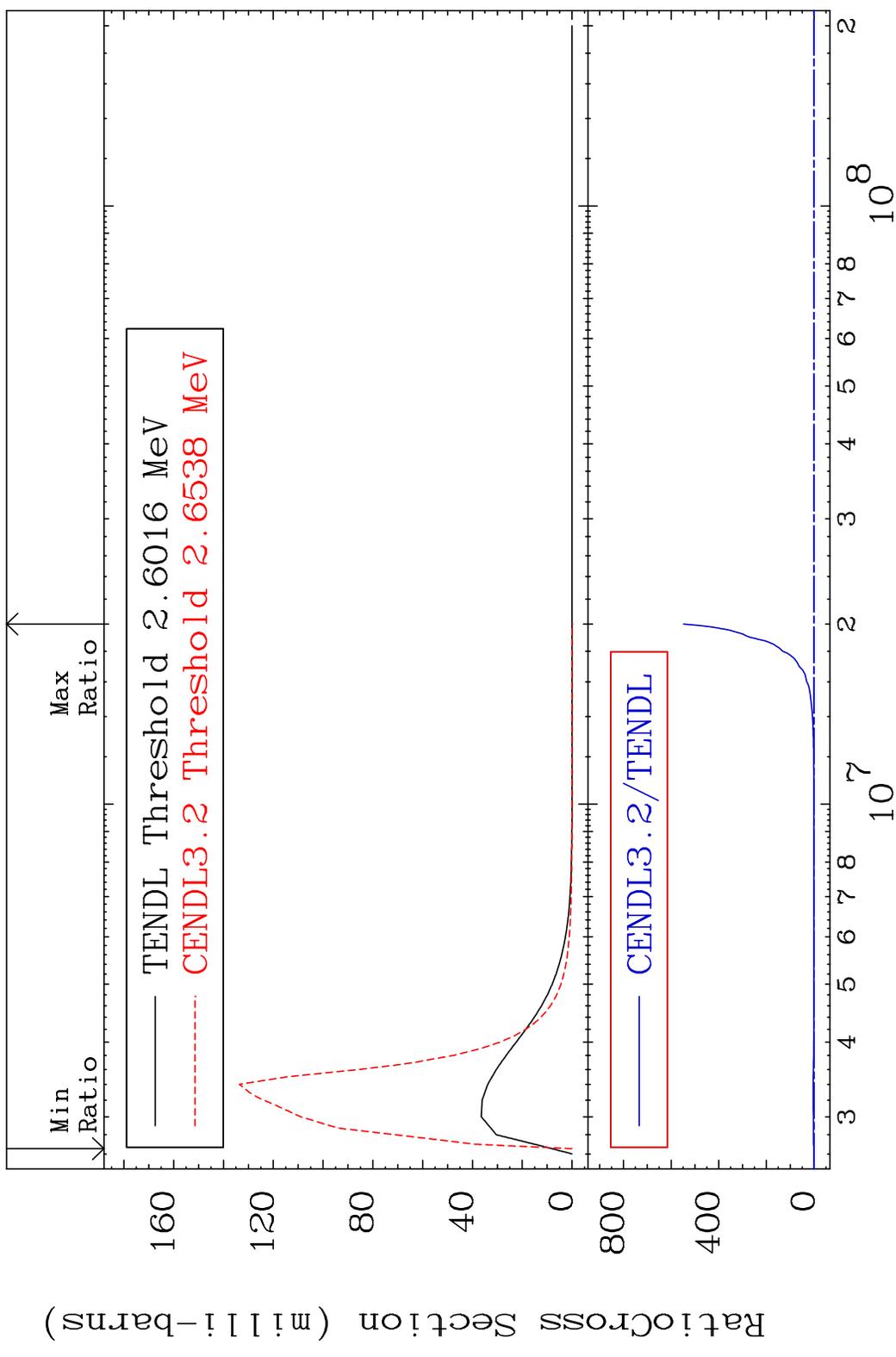
16 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 60 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 17.25 %



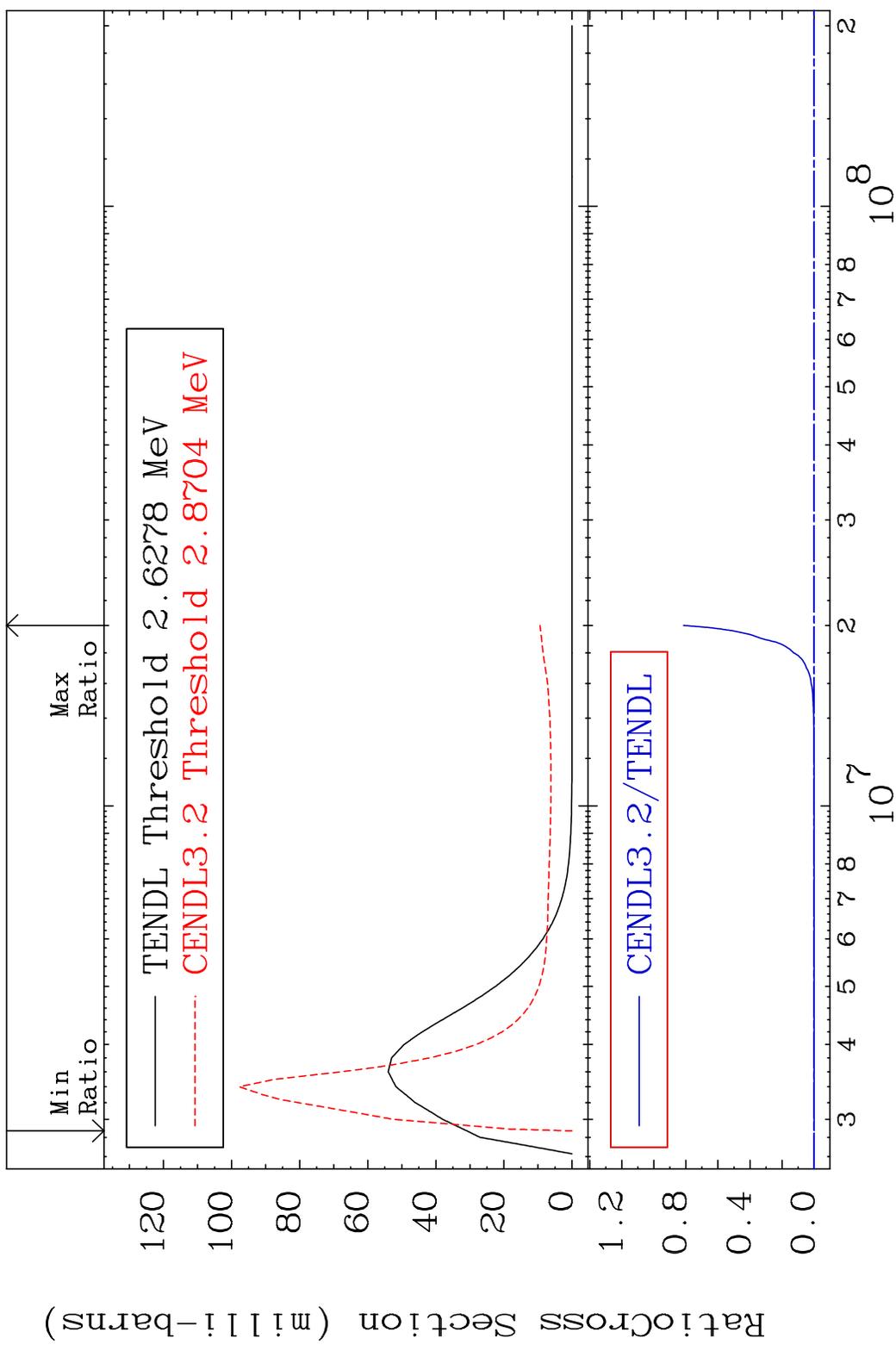
17 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 61 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 9999. %



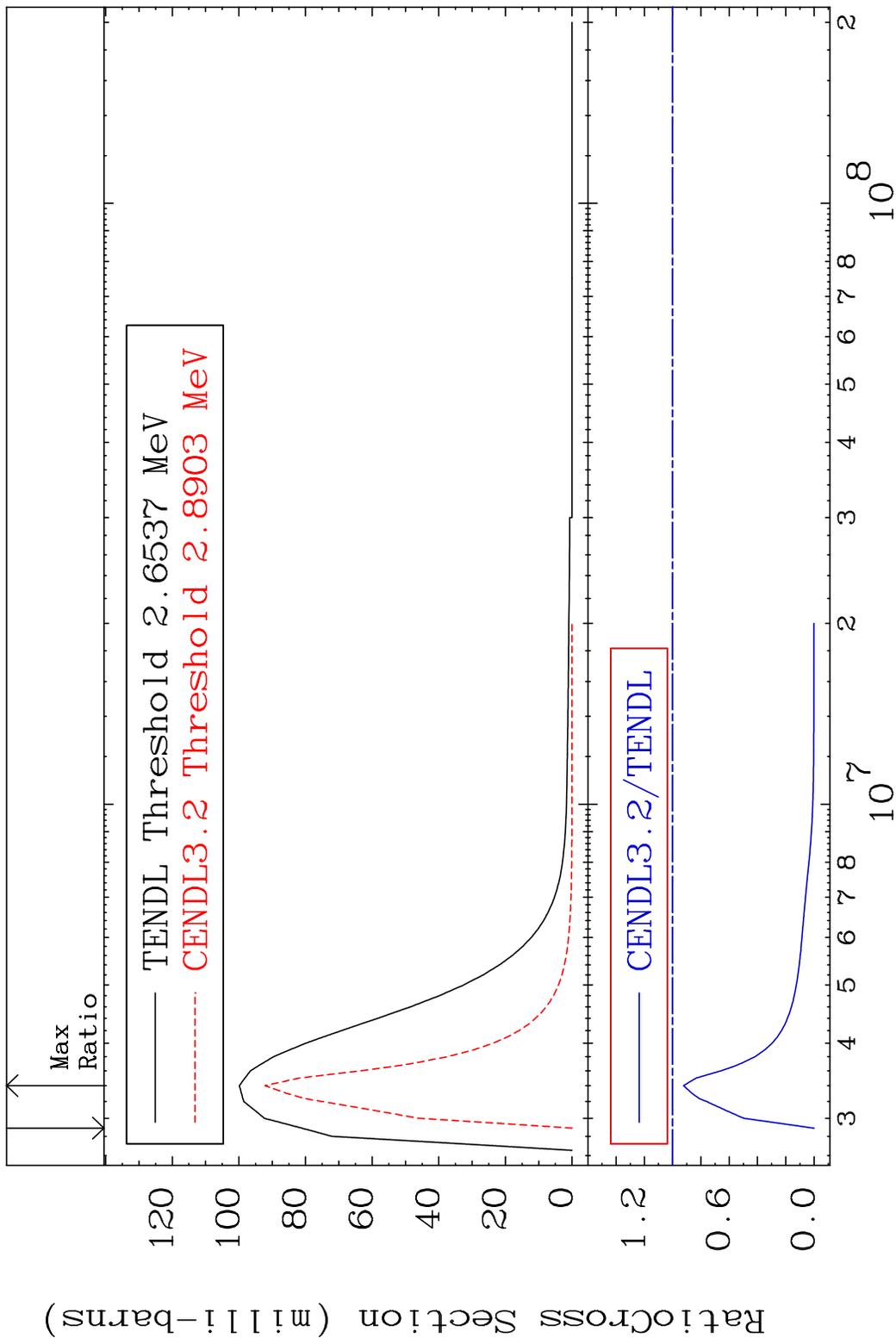
18 Incident Energy (eV) 54-Xe-136

MAT 5461 MT= 62 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 9999. %



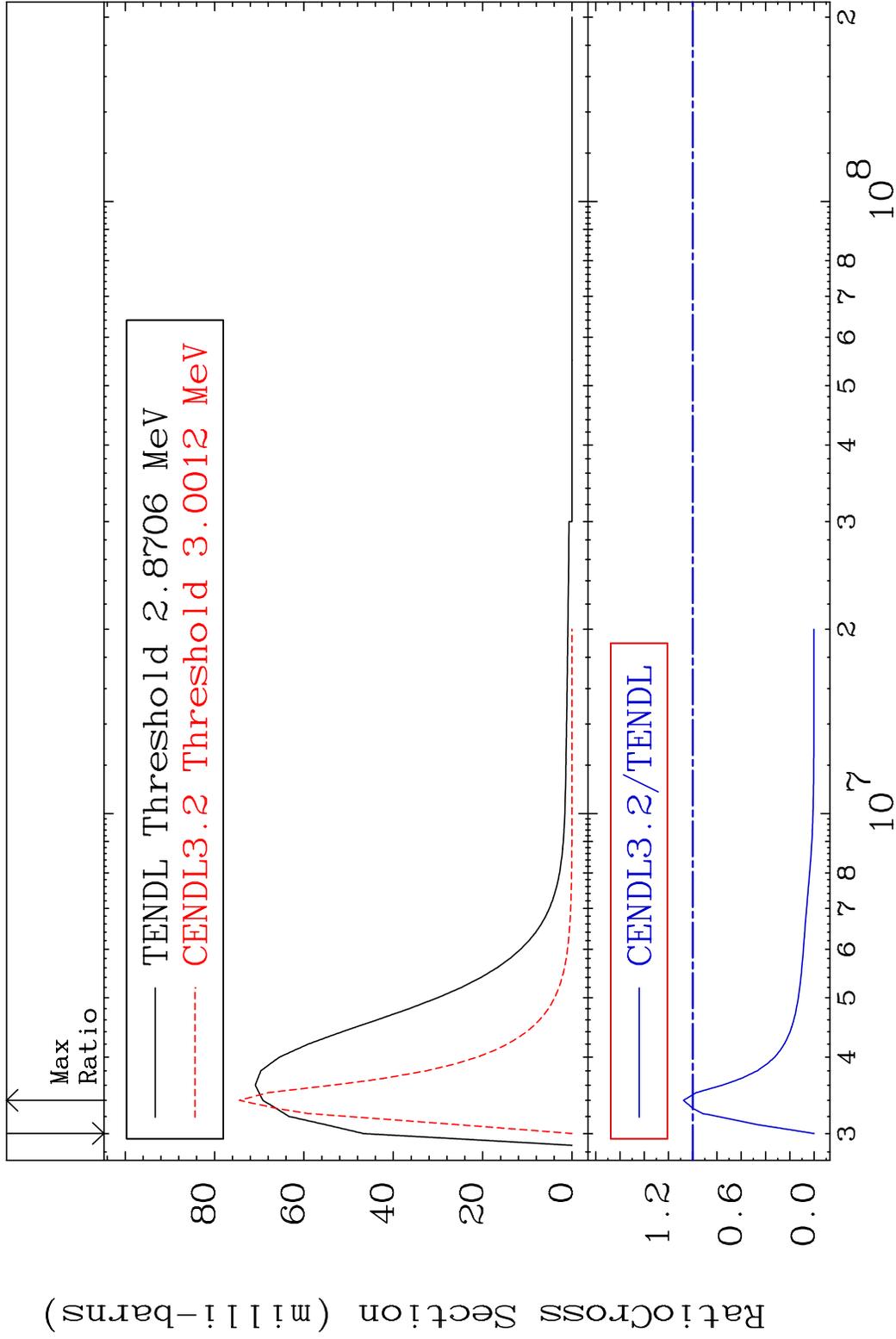
19 54-Xe-136

MAT 5461 MT= 63 (n, n') Level 54-Xe-136
 Cross Section -100.0 To -7.684%

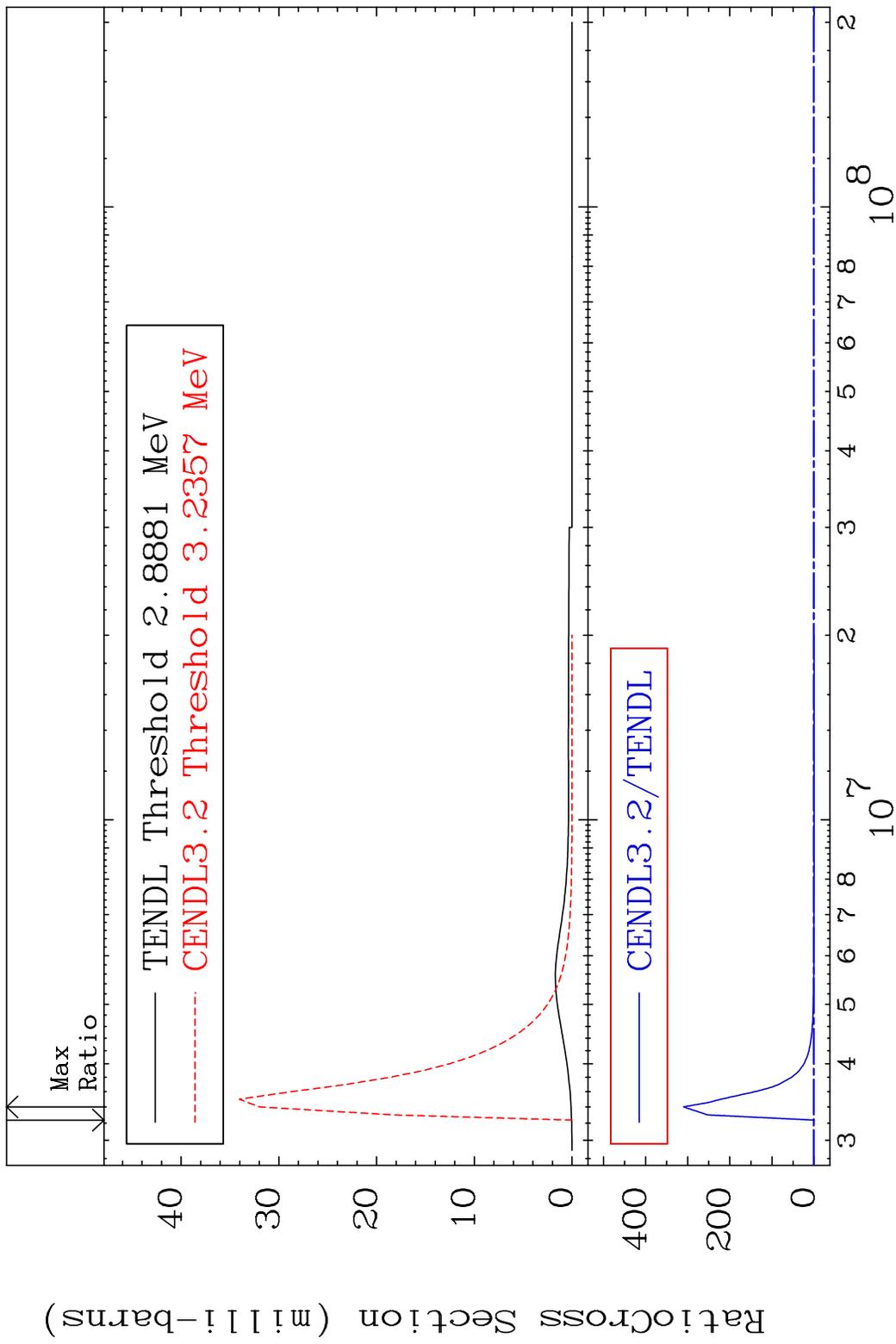


20 54-Xe-136

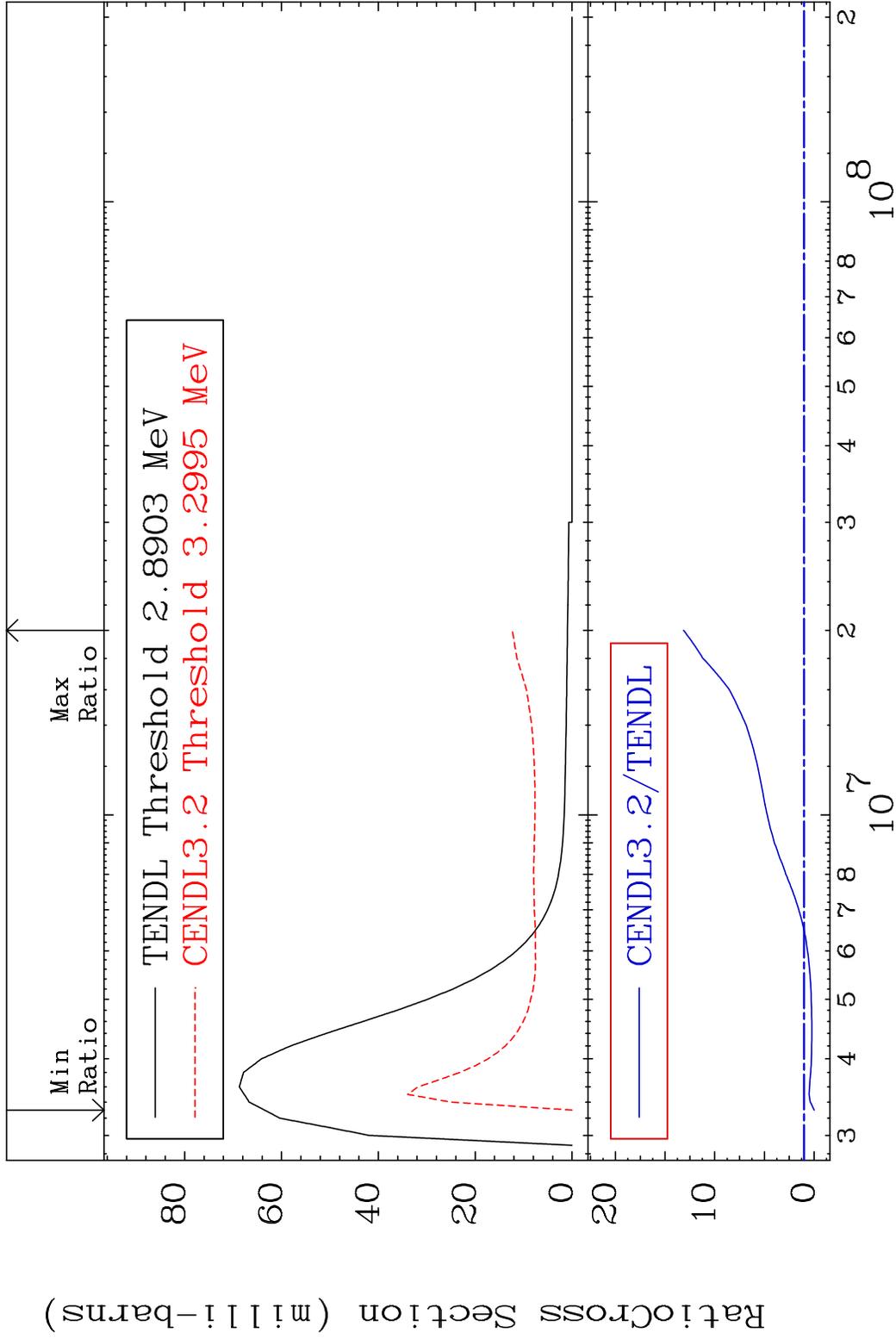
MAT 5461 MT= 64 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 7.584 %



MAT 5461 MT= 65 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 9999. %

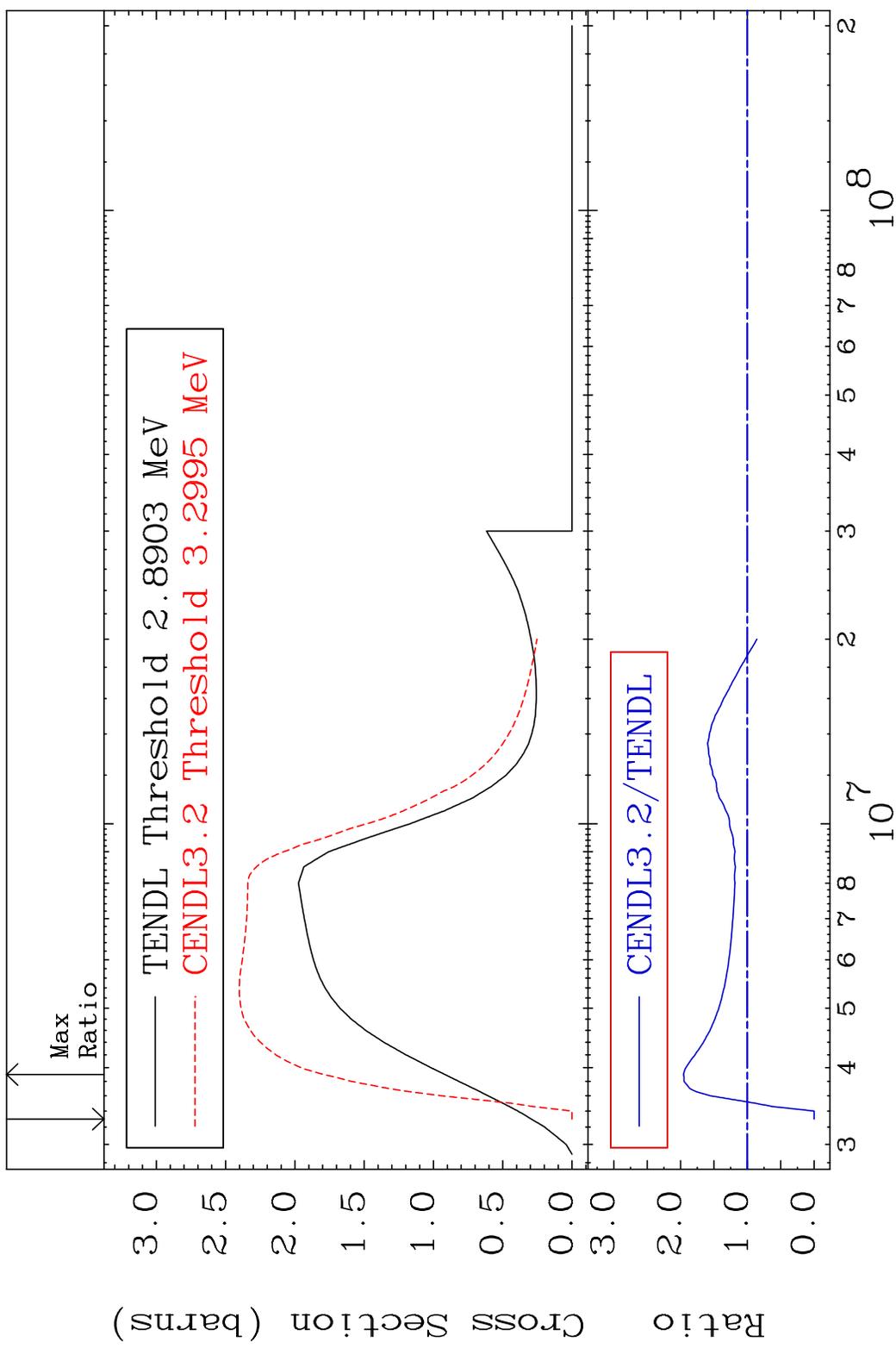


MAT 5461 MT= 66 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 1214. %



23 Incident Energy (eV) 54-Xe-136

MAT 5461 (n,n') Continuum 54-Xe-136
 Cross Section -100.0 To 95.49 %

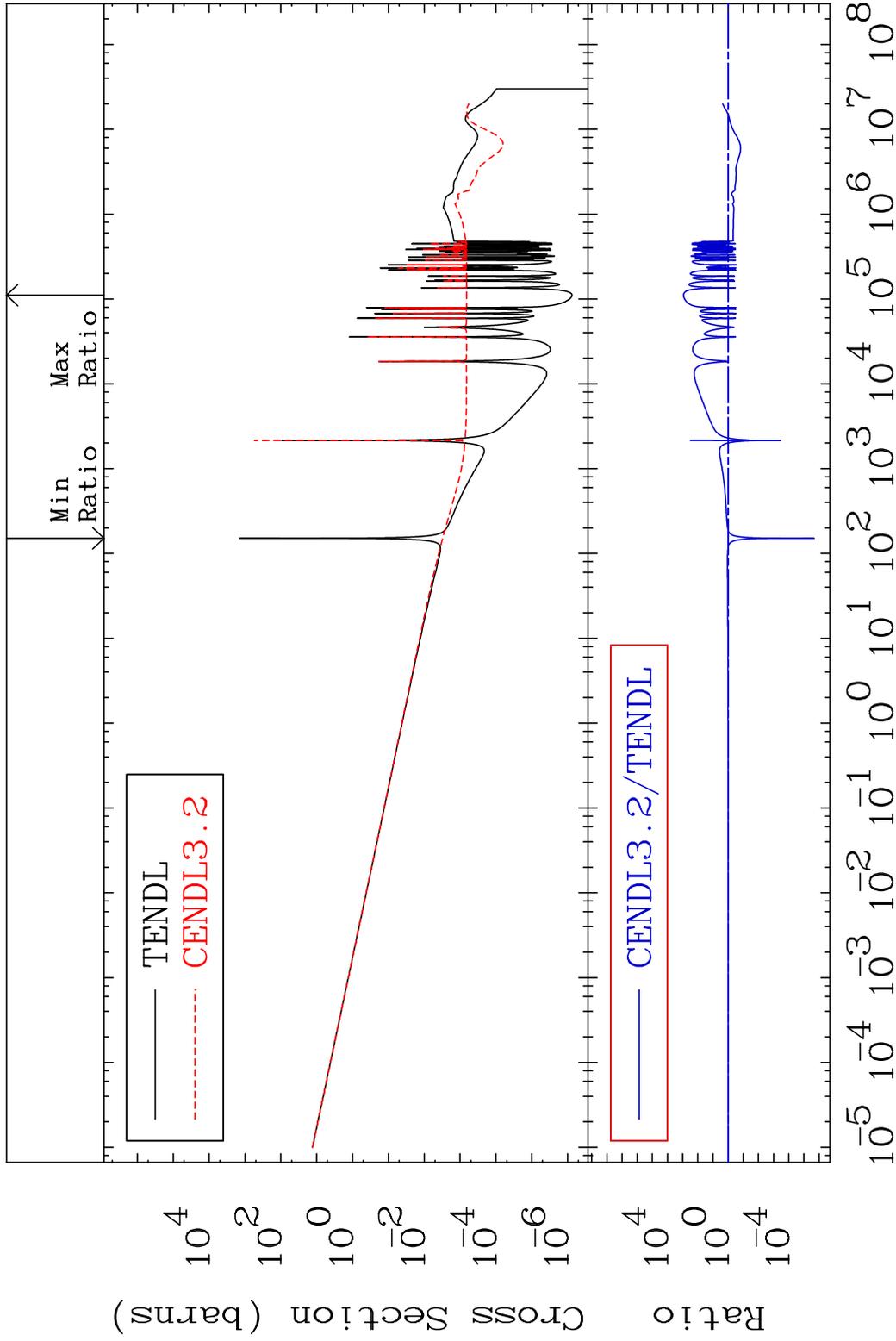


MAT 5461

(n, γ)

54-Xe-136

Cross Section -100.0 To 9999. %

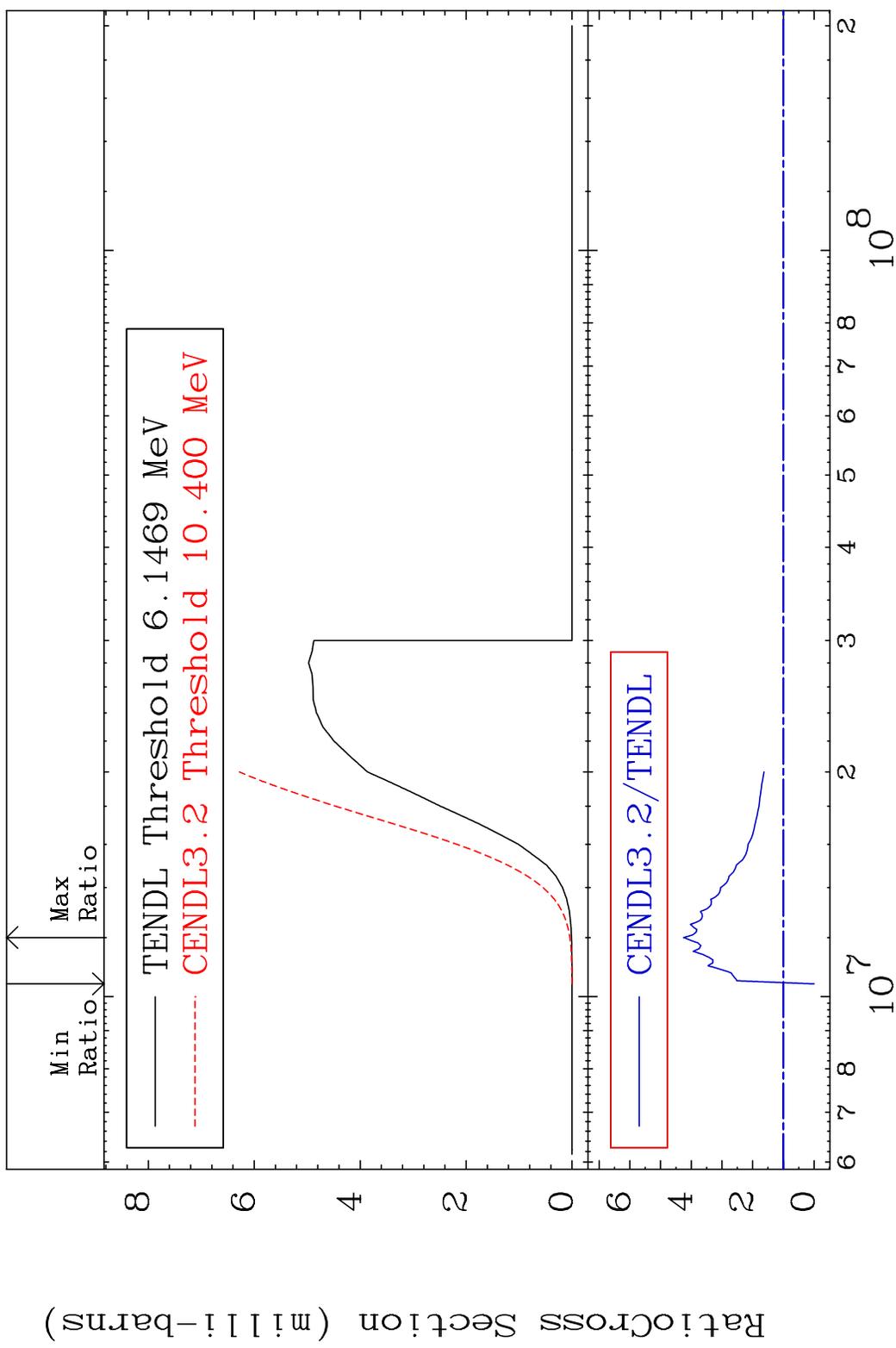


25

Incident Energy (eV)

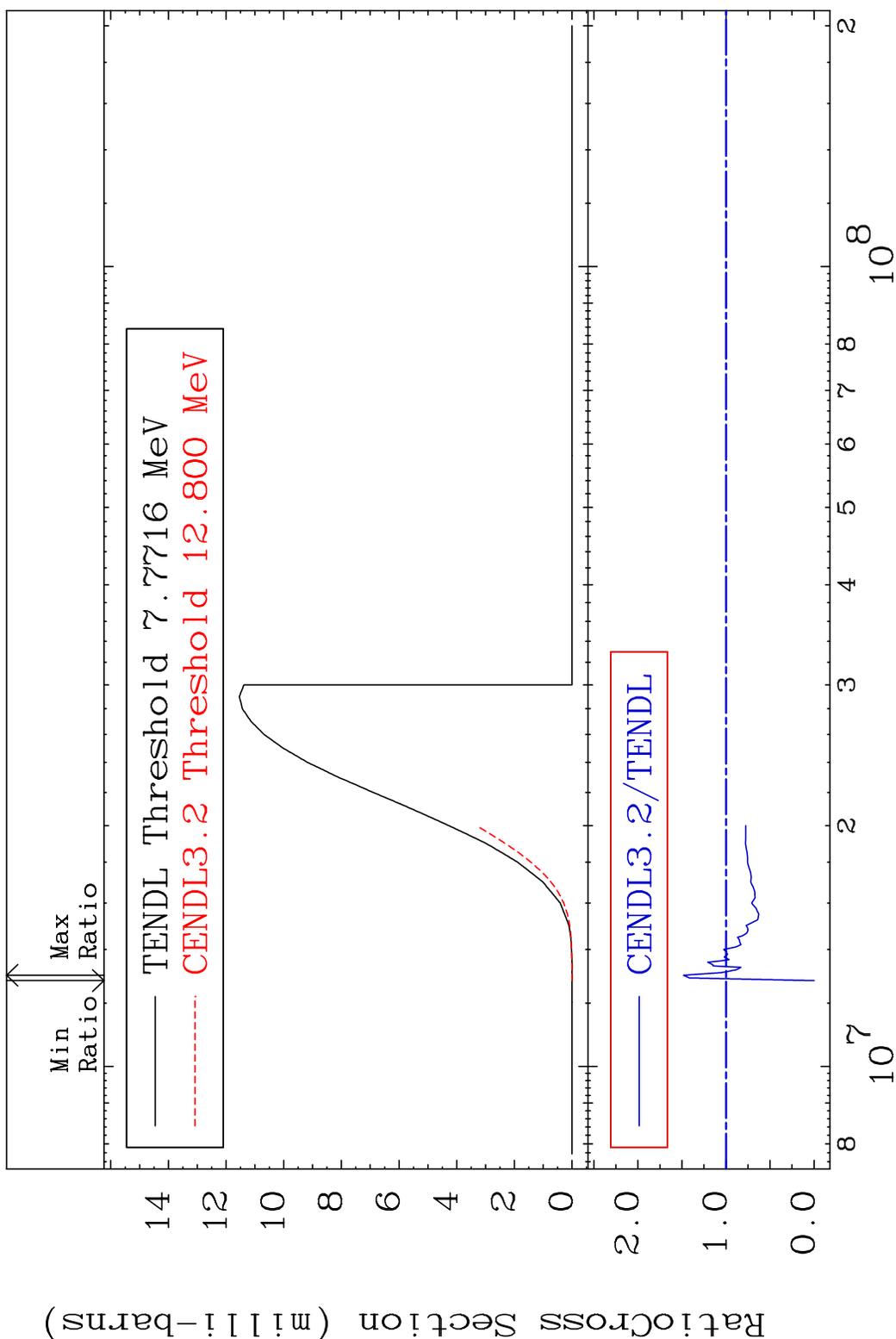
54-Xe-136

MAT 5461 (n, p) 54-Xe-136
 Cross Section -100.0 To 325.2 %



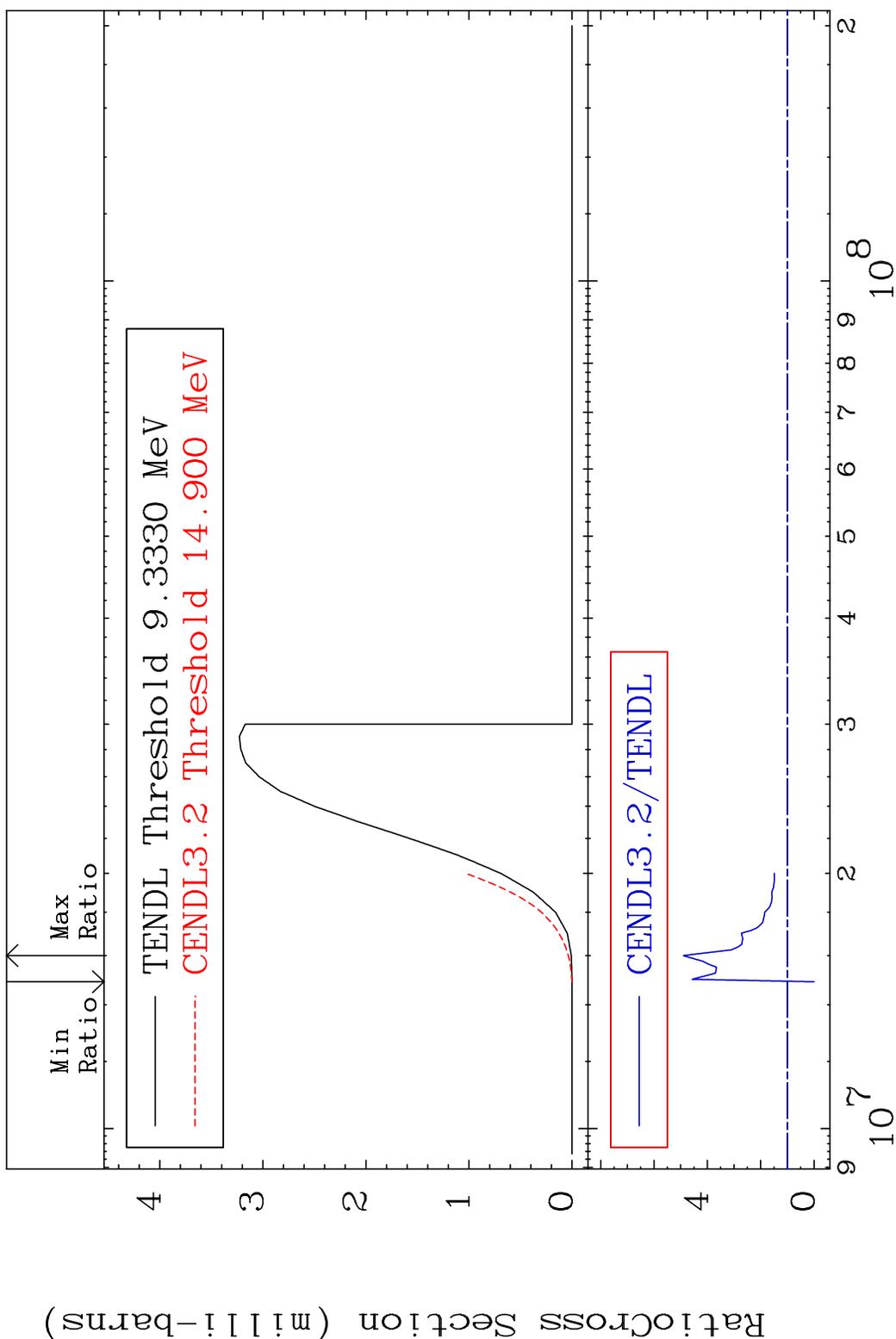
26 Incident Energy (eV) 54-Xe-136

MAT 5461 (n, d) 54-Xe-136
 Cross Section -100.0 To 48.22 %



27 Incident Energy (eV) 54-Xe-136

MAT 5461 (n, t) 54-Xe-136
 Cross Section -100.0 To 389.4 %



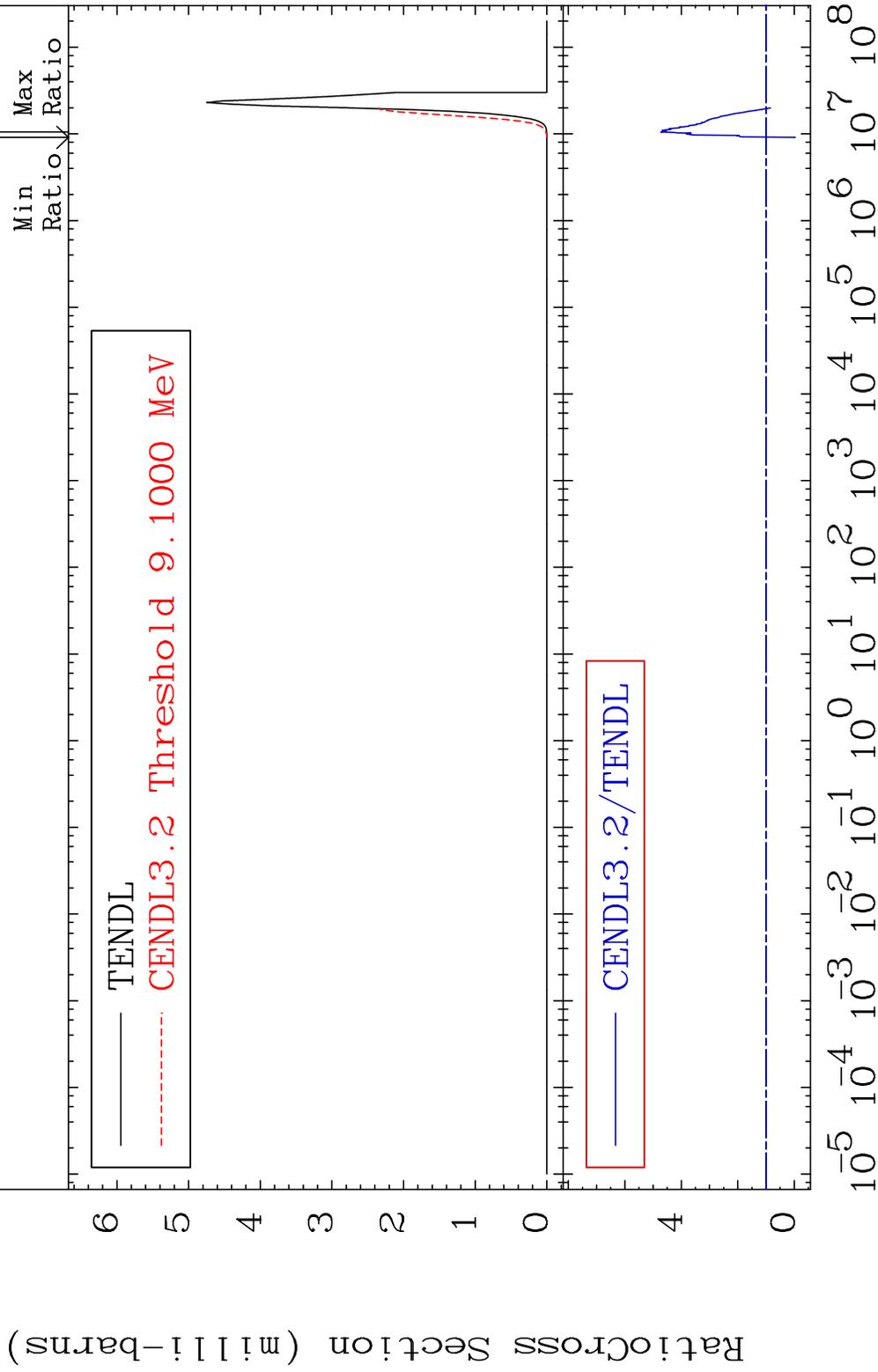
28 Incident Energy (eV) 54-Xe-136

MAT 5461

(n, α)

54-Xe-136

Cross Section -100.0 To 372.6 %

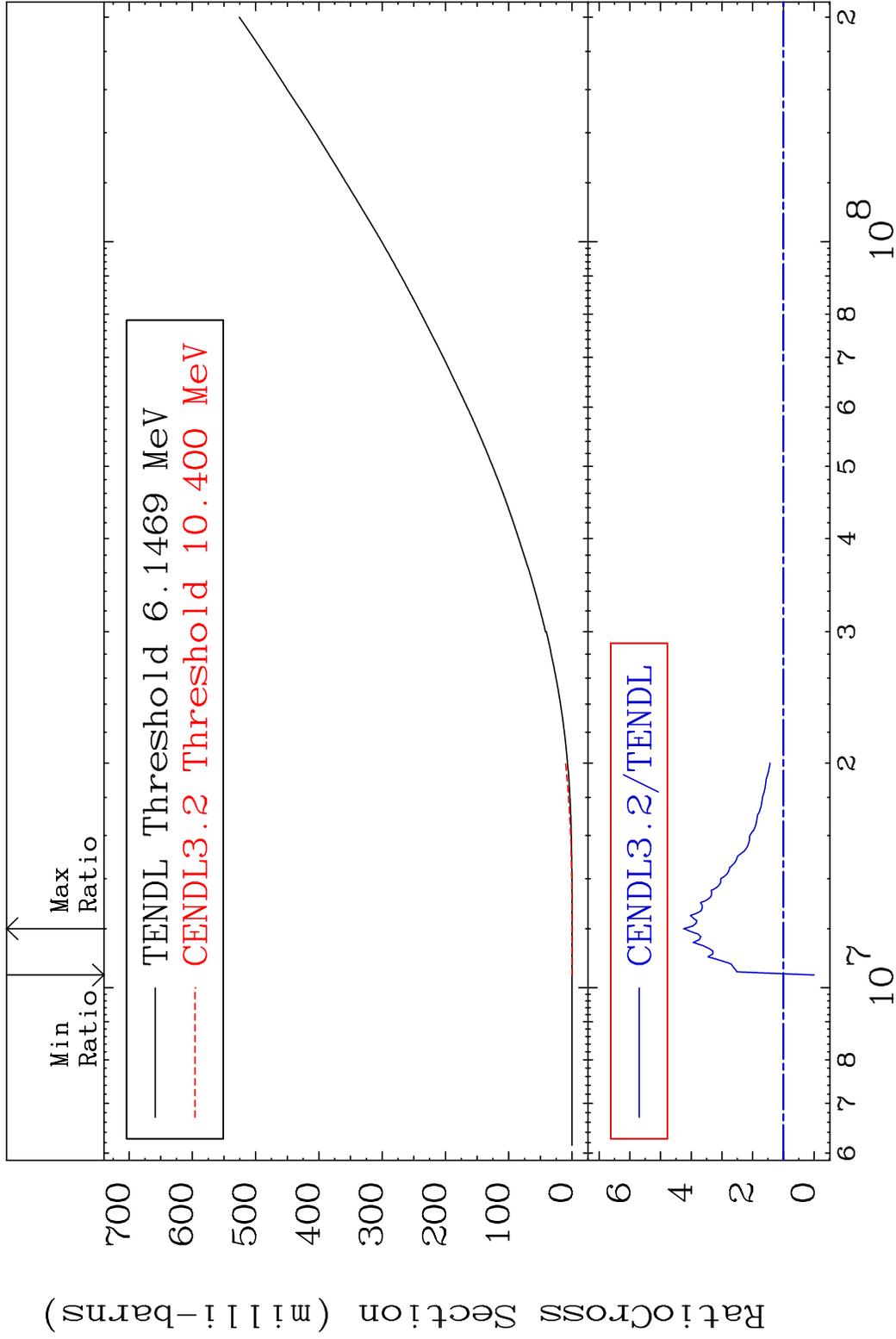


29

Incident Energy (eV)

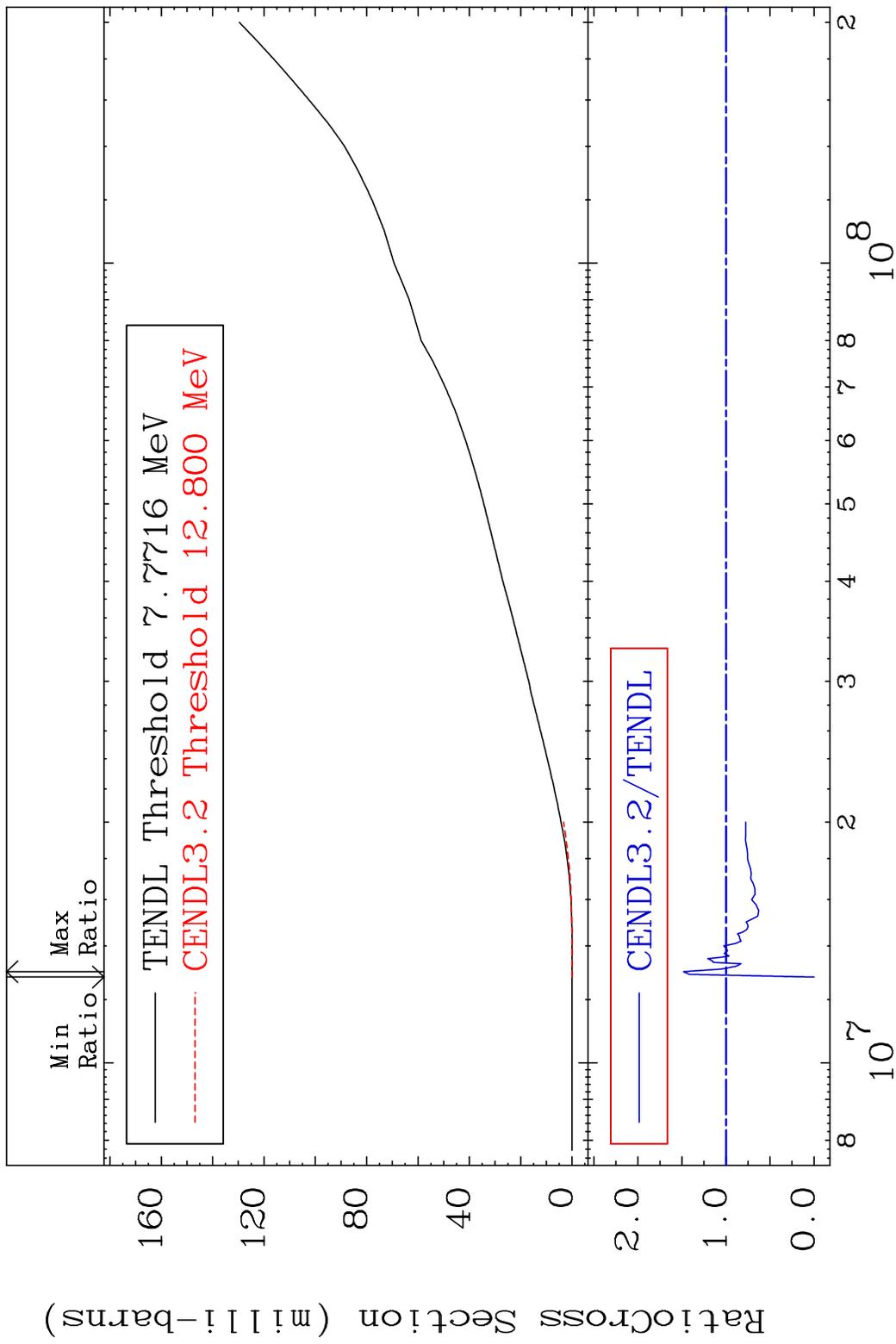
54-Xe-136

MAT 5461 Hydrogen Production 54-Xe-136
 Cross Section -100.0 To 325.2 %



30 Incident Energy (eV) 54-Xe-136

MAT 5461 Deuterium Production 54-Xe-136
 Cross Section -100.0 To 48.22 %



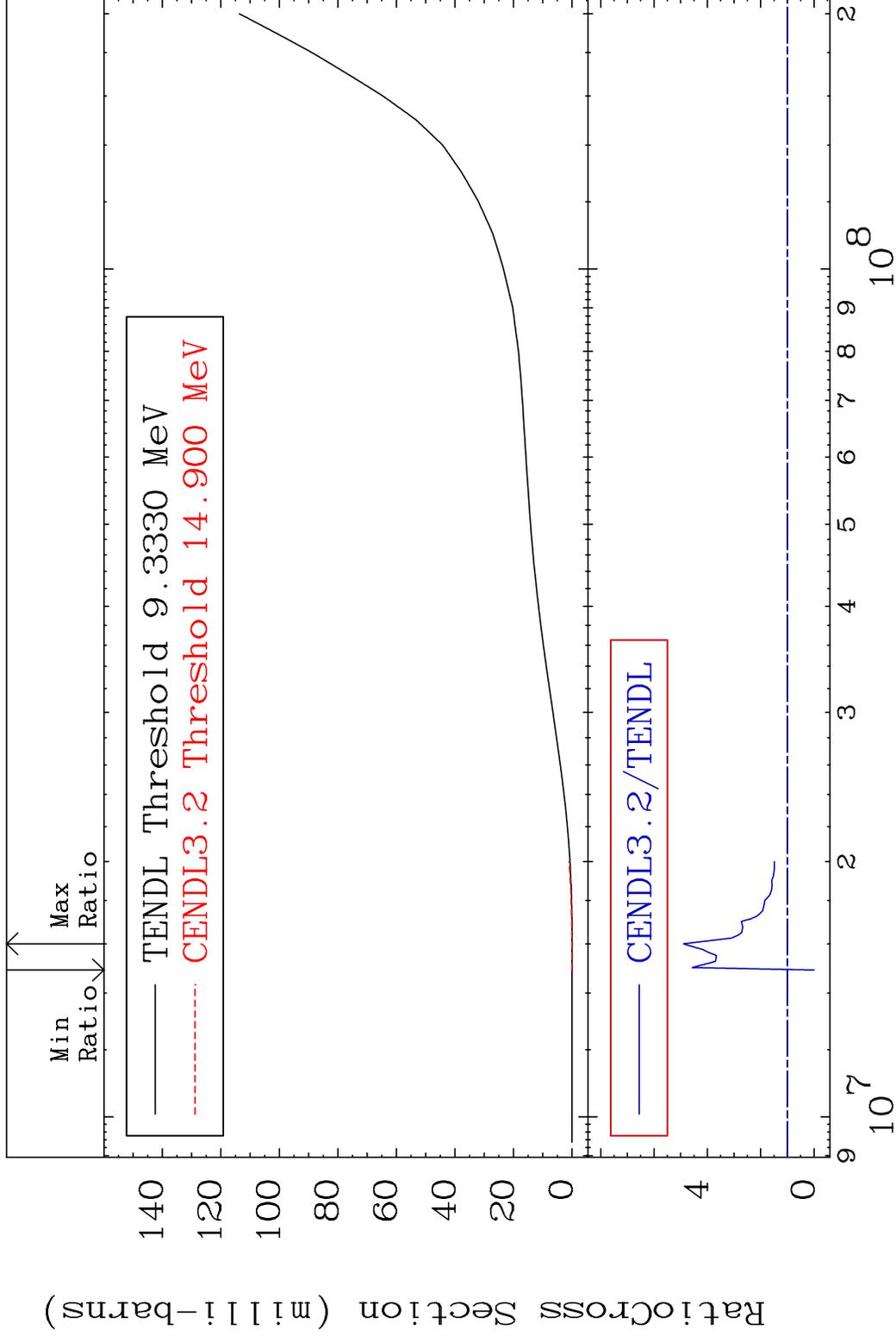
31 Incident Energy (eV) 54-Xe-136

MAT 5461

Tritium Production

54-Xe-136

Cross Section -100.0 To 389.4 %



32

Incident Energy (eV)

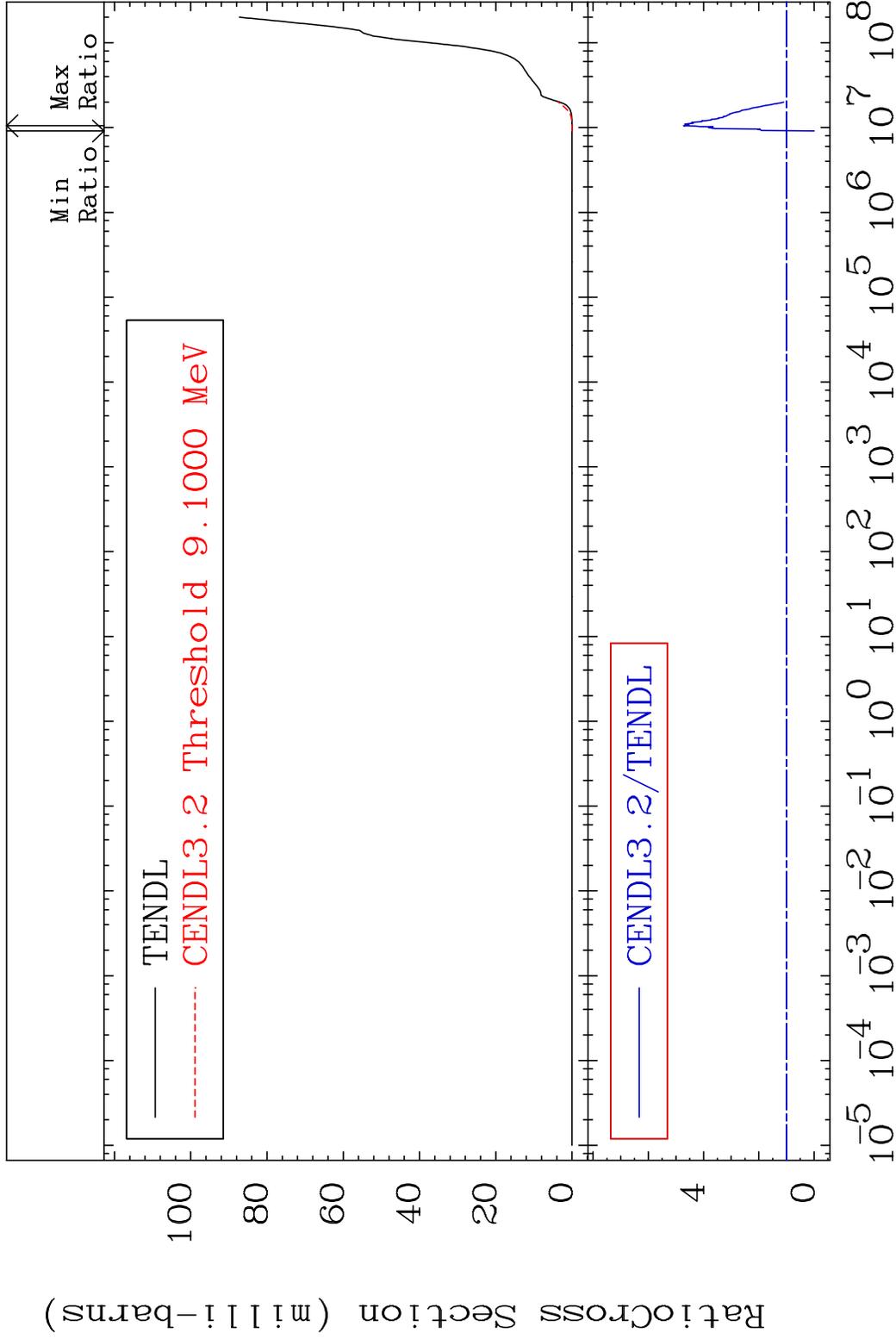
54-Xe-136

MAT 5461

He-4 Production

54-Xe-136

Cross Section -100.0 To 372.6 %

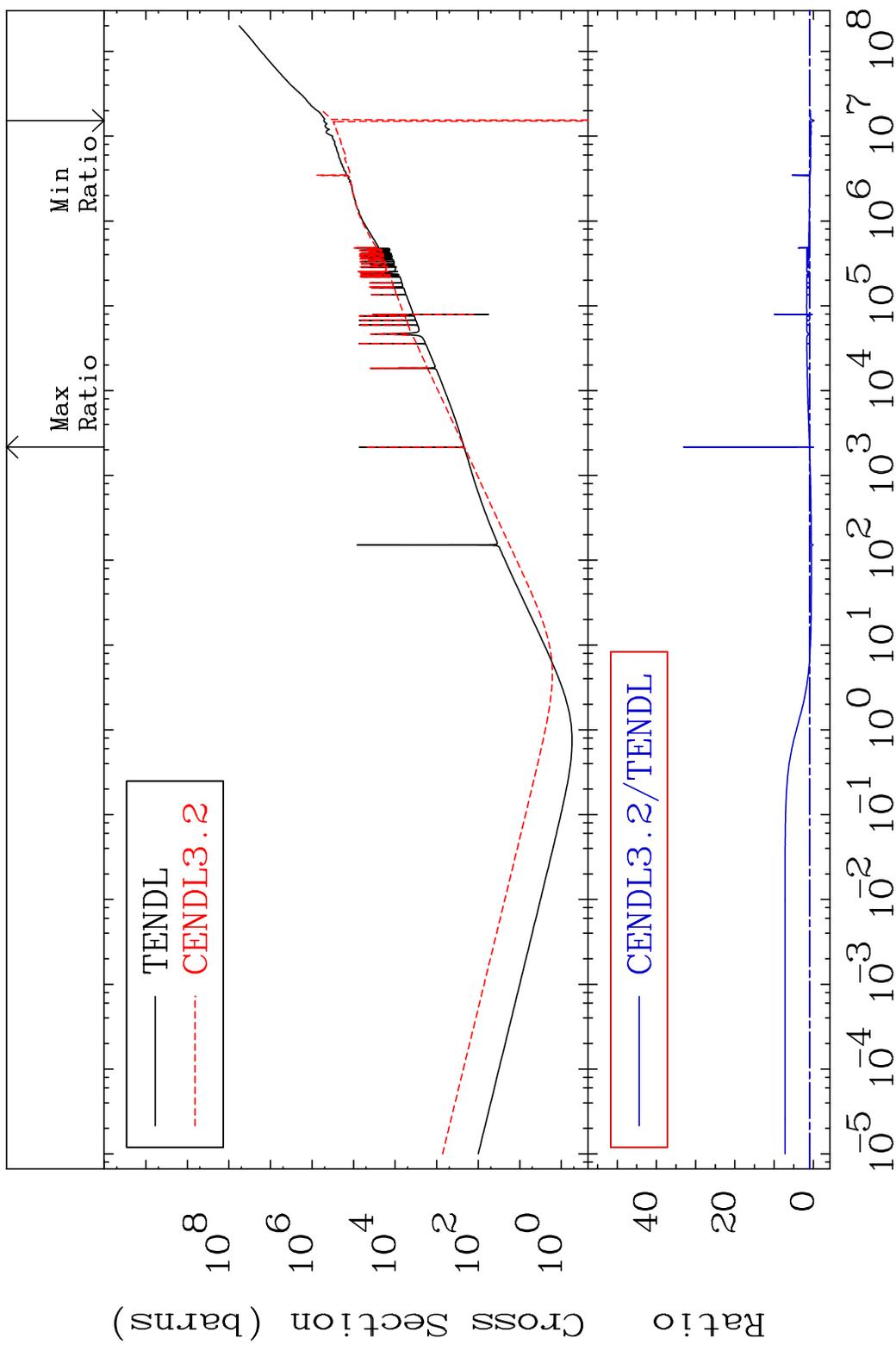


33

Incident Energy (eV)

54-Xe-136

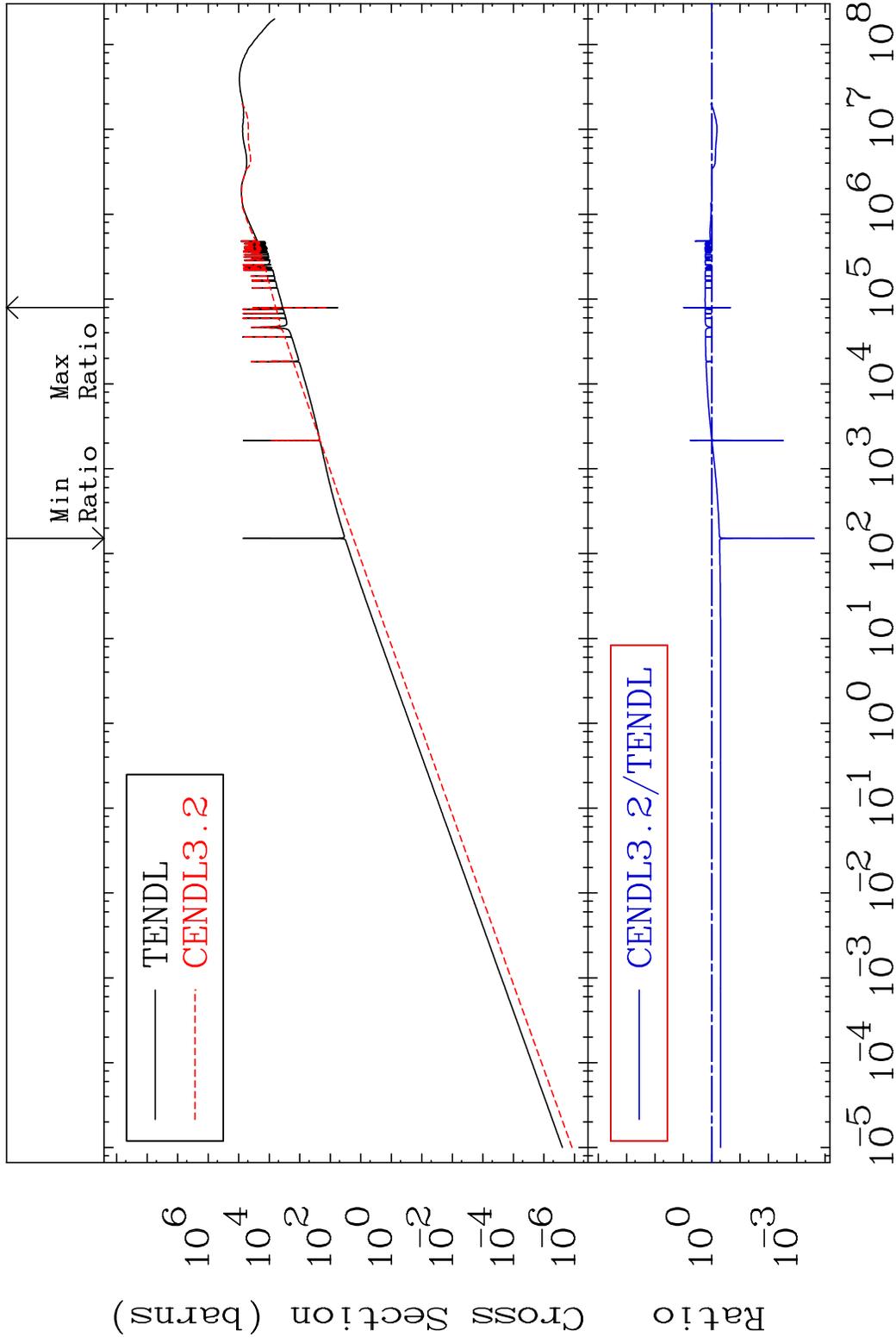
MAT 5461 Kerma total (eV-barns) 54-Xe-136
 Cross Section -118.1 To 3209. %



MAT 5461

Kerma elastic
Cross Section

54-Xe-136
-99.98 To 884.1 %

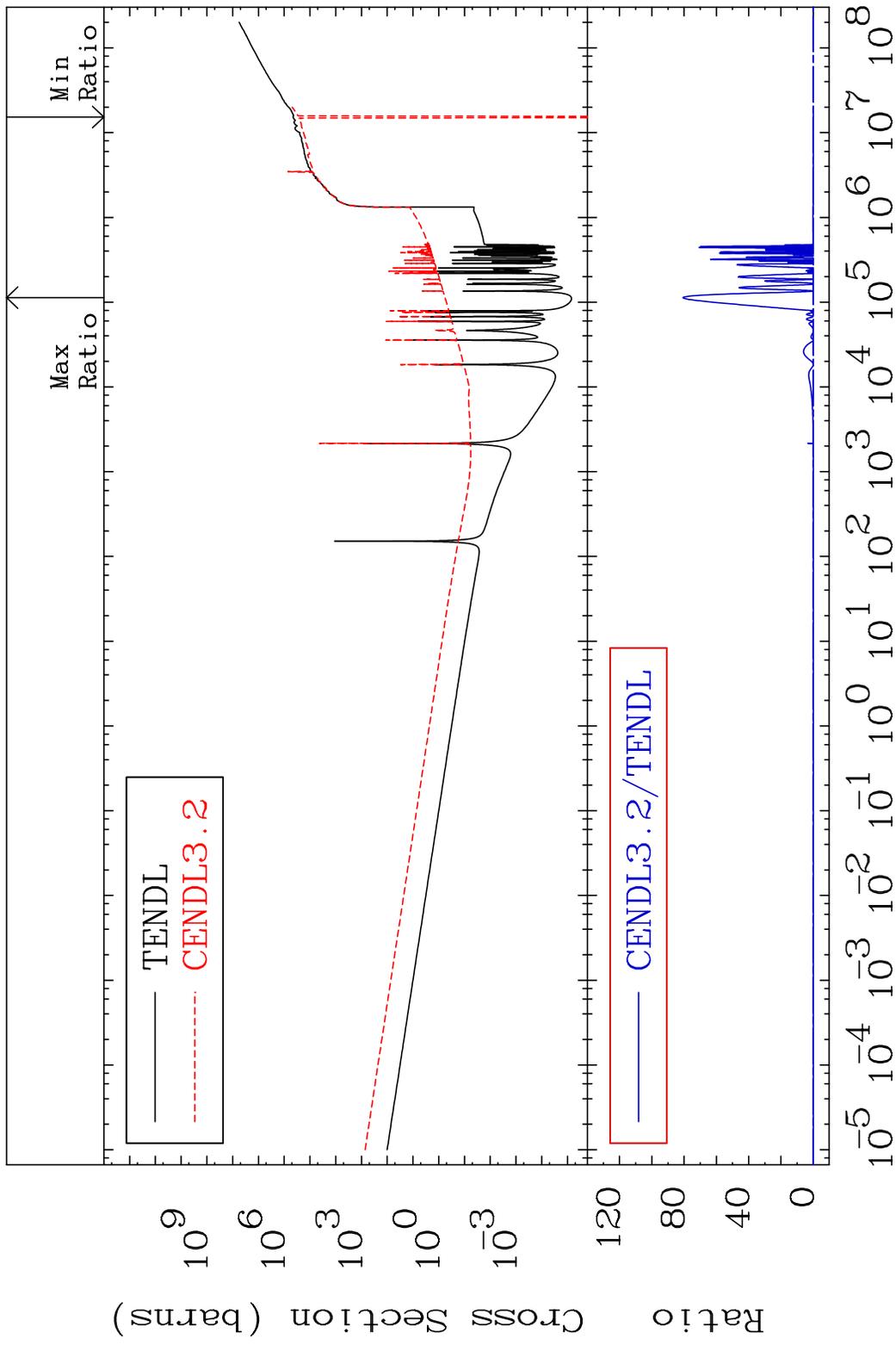


35

Incident Energy (eV)

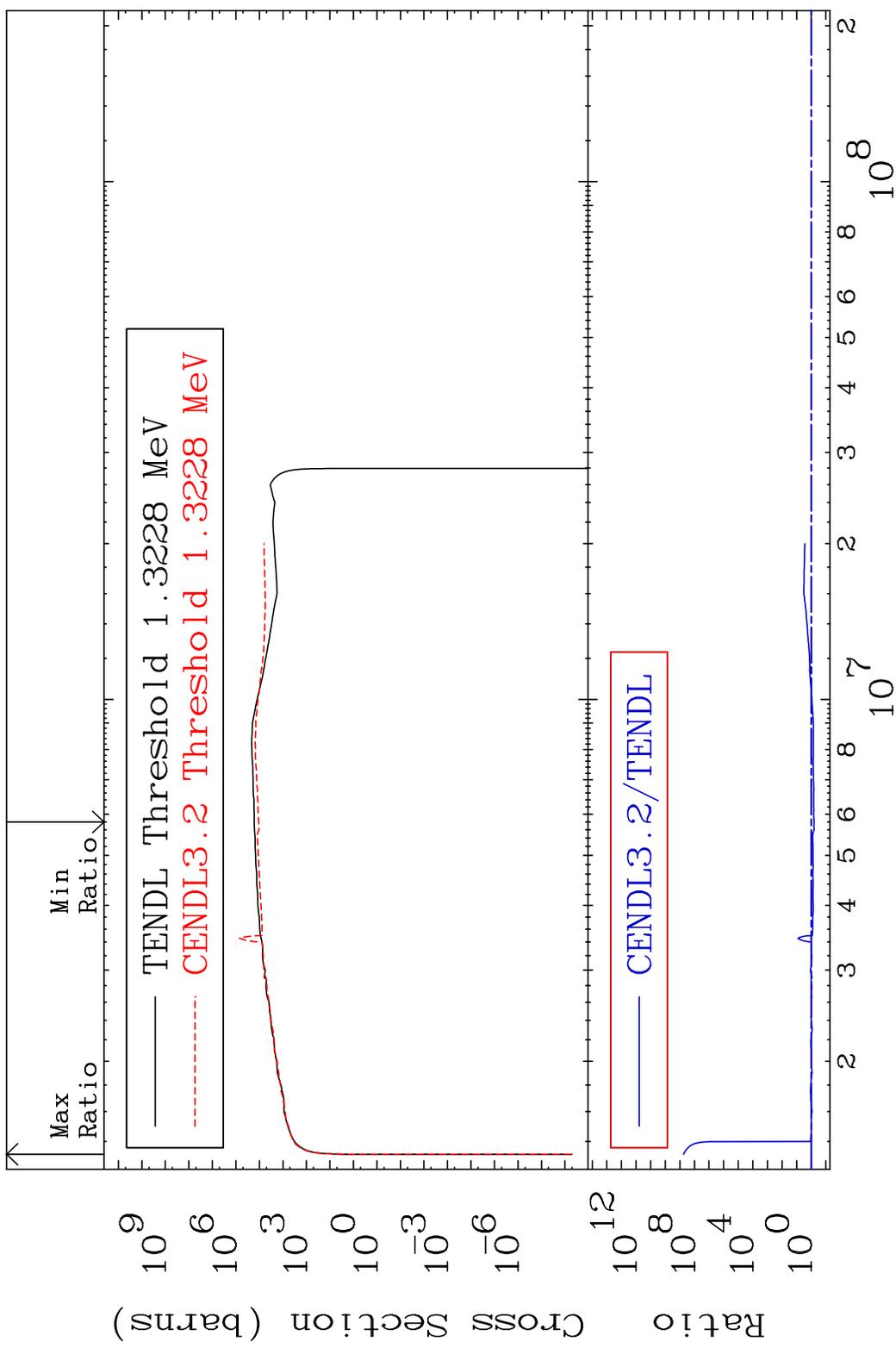
54-Xe-136

MAT 5461 Kerma non-elastic (all but mt2) 54-Xe-136
 Cross Section -133.3 To 9999. %

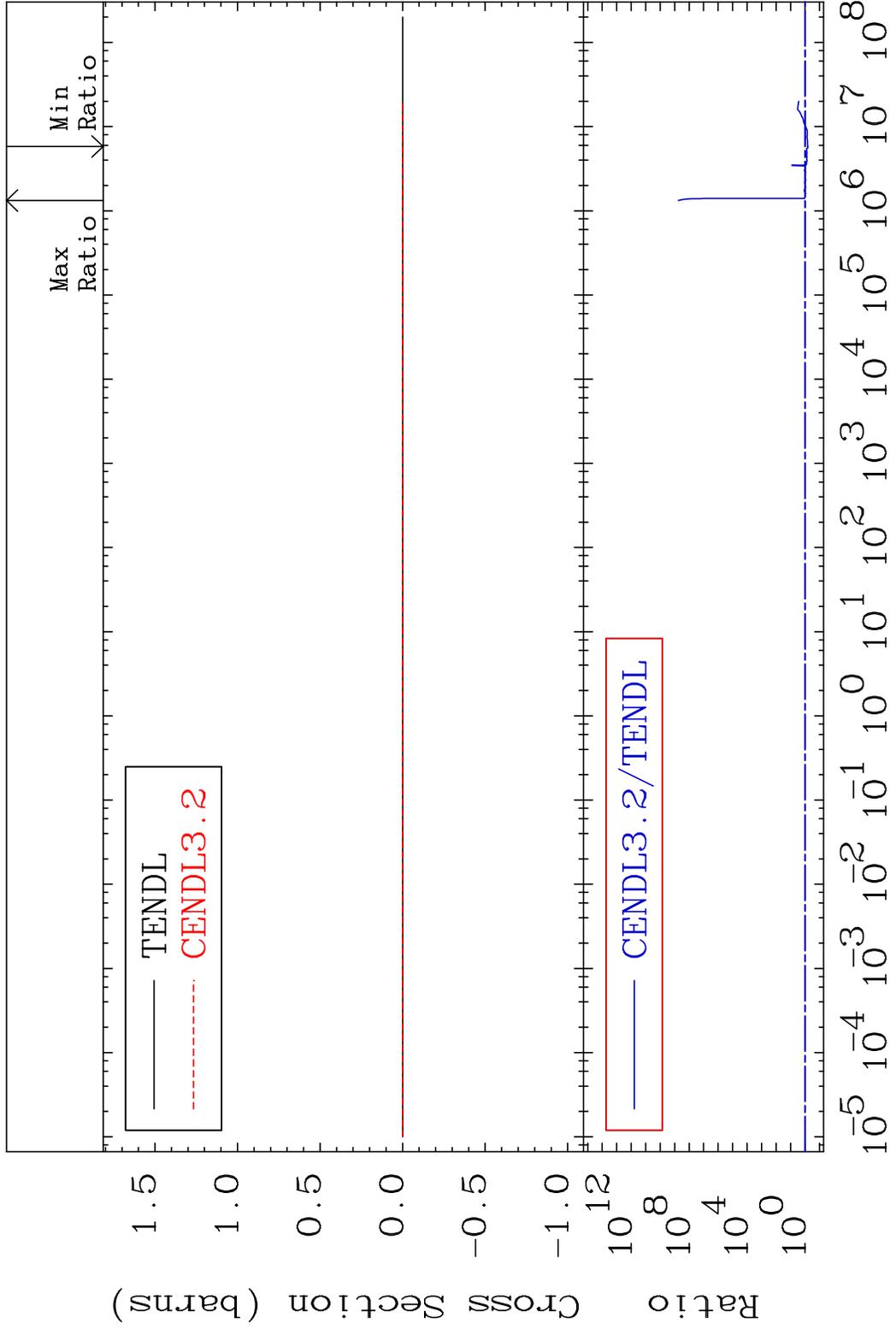


36 Incident Energy (eV) 54-Xe-136

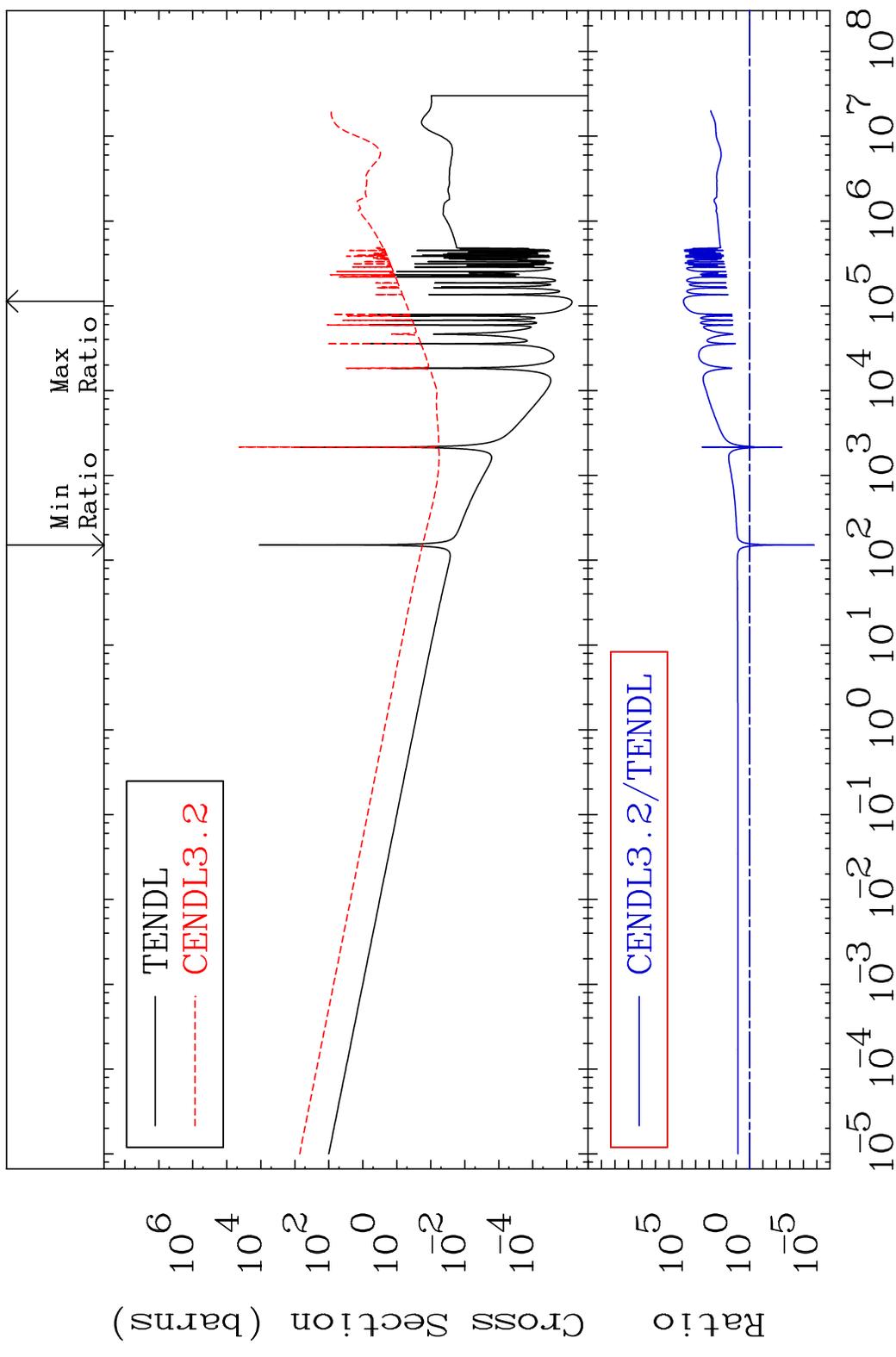
MAT 5461 Kerma inelastic (mt51-91) 54-Xe-136
 Cross Section -35.90 To 9999. %



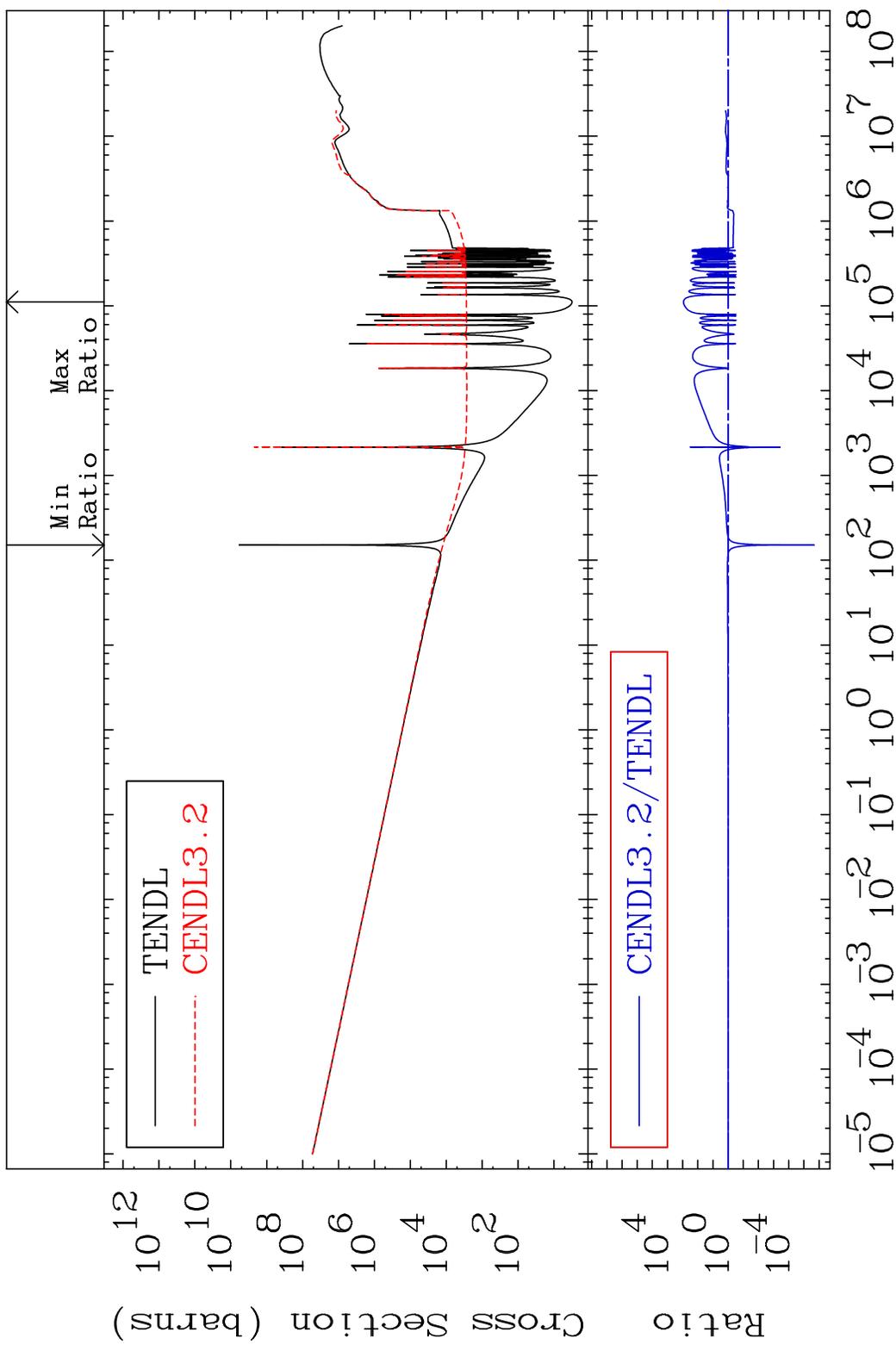
MAT 5461 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-136
 Cross Section -35.90 To 9999. %



MAT 5461 Kerma capture (mt102) 54-Xe-136
 Cross Section -100.0 To 9999. %

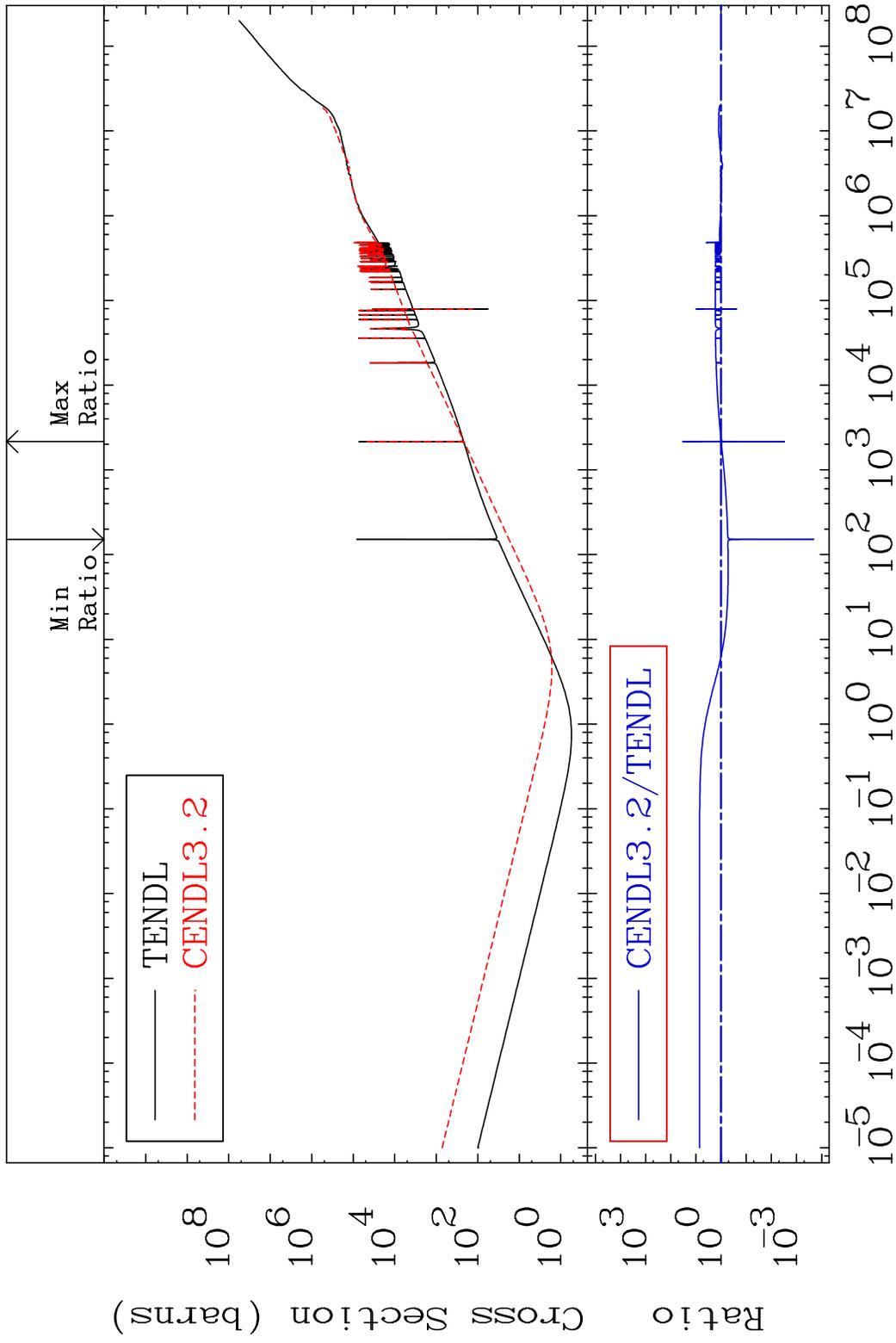


MAT 5461 Total photon (eV-barns) 54-Xe-136
 Cross Section -100.0 To 9999. %

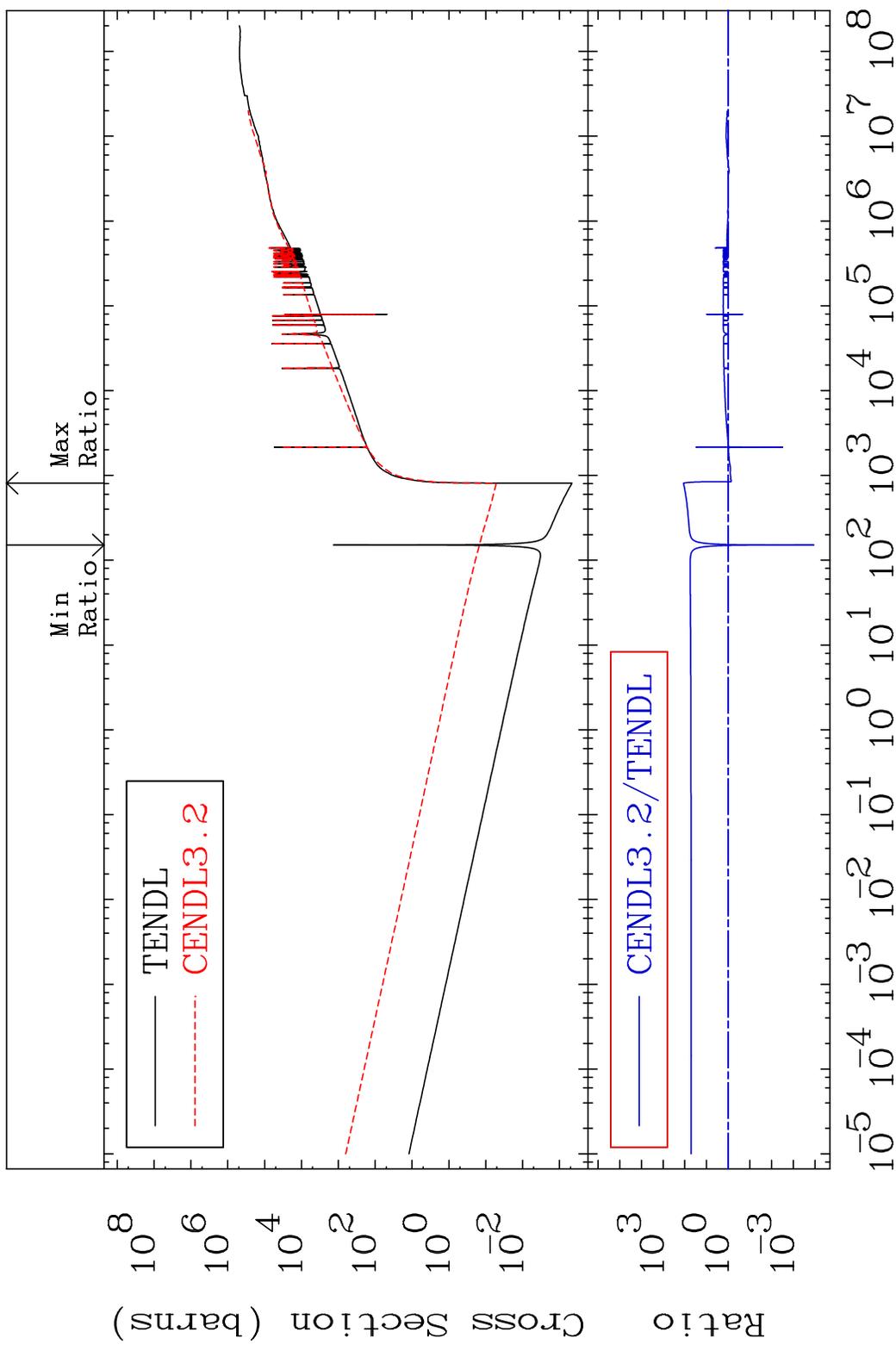


40 Incident Energy (eV) 54-Xe-136

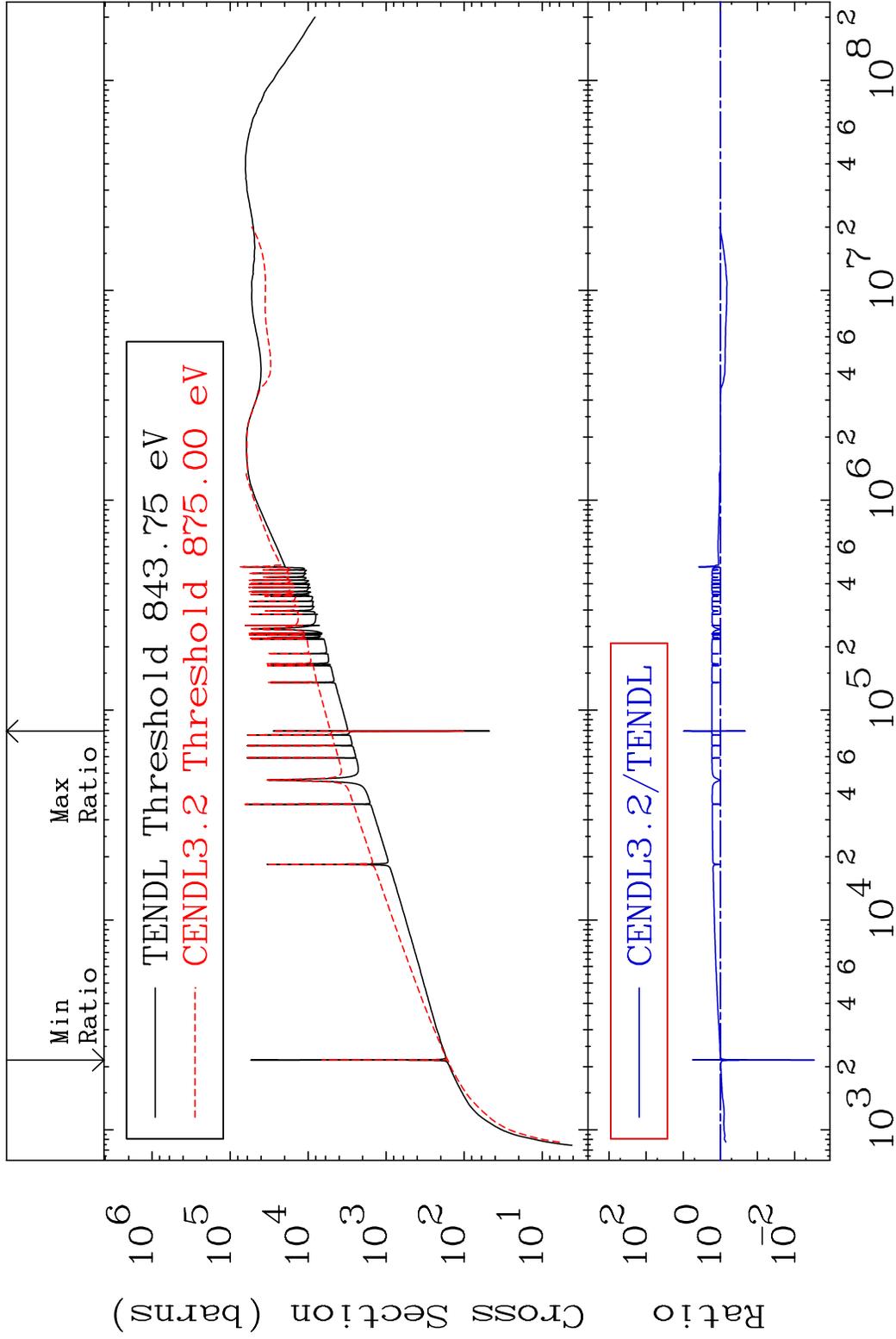
MAT 5461 Total kinematic kerma (high limit) 54-Xe-136
 Cross Section -99.98 To 3209. %



MAT 5461 Dpa total (eV-barns) 54-Xe-136
 Cross Section -99.99 To 9999. %

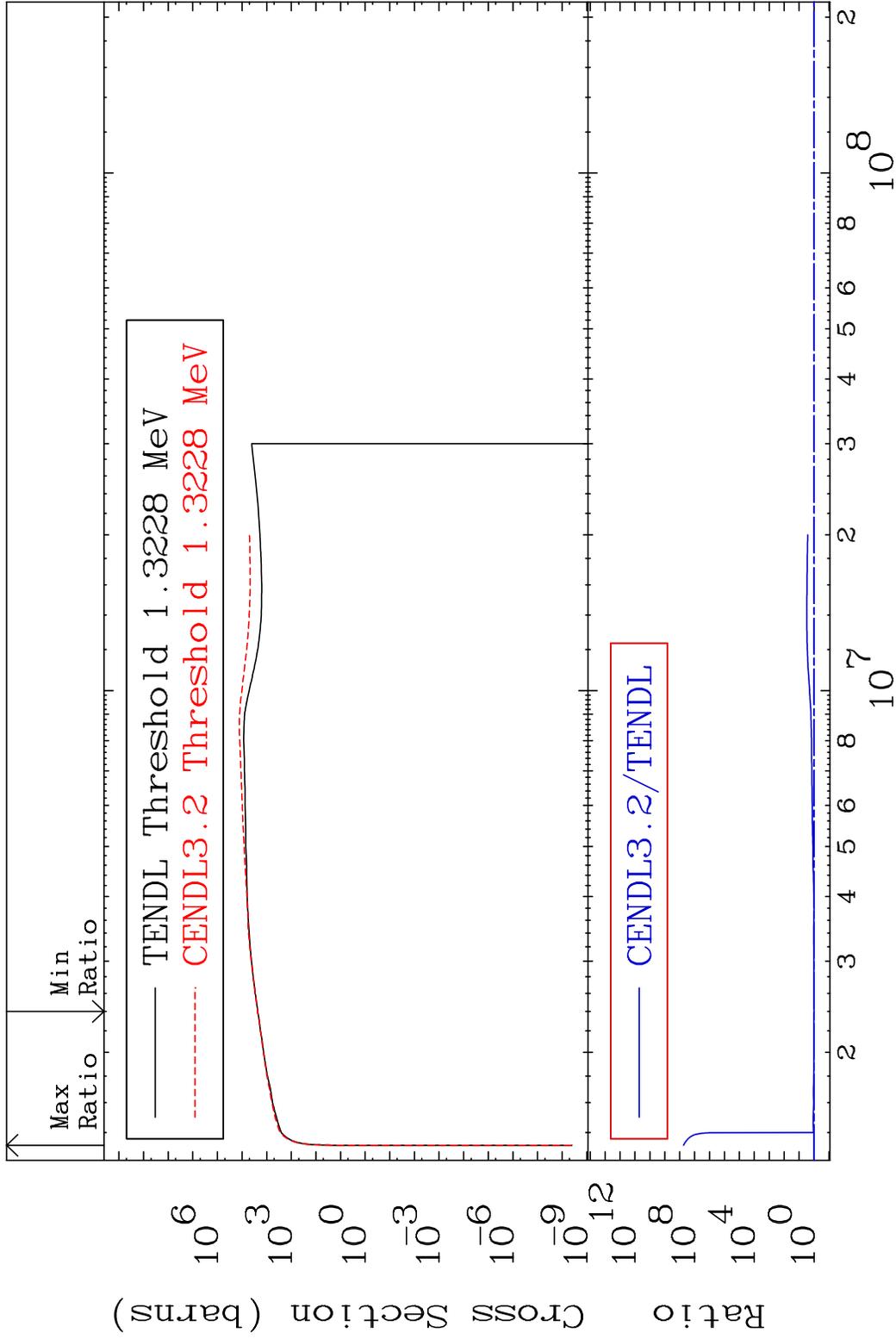


MAT 5461 Dpa elastic (mt2) 54-Xe-136
 Cross Section -99.70 To 884.6 %

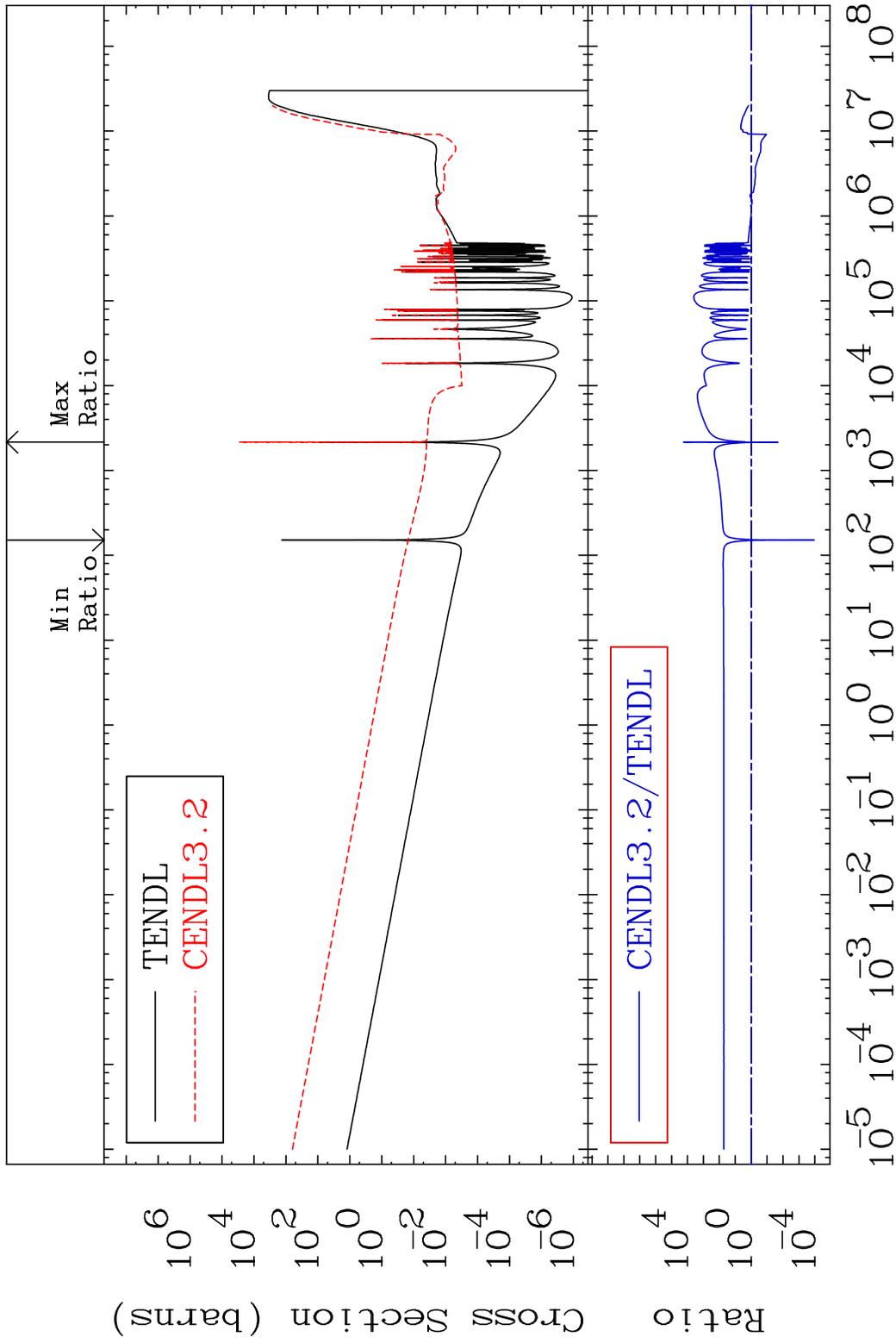


43 Incident Energy (eV) 54-Xe-136

MAT 5461 Dpa inelastic (mt51-91) 54-Xe-136
 Cross Section -0.961 To 9999. %



MAT 5461 Dpa disappearance (mt102 -120) 54-Xe-136
 Cross Section -99.99 To 9999. %



45 Incident Energy (eV) 54-Xe-136