

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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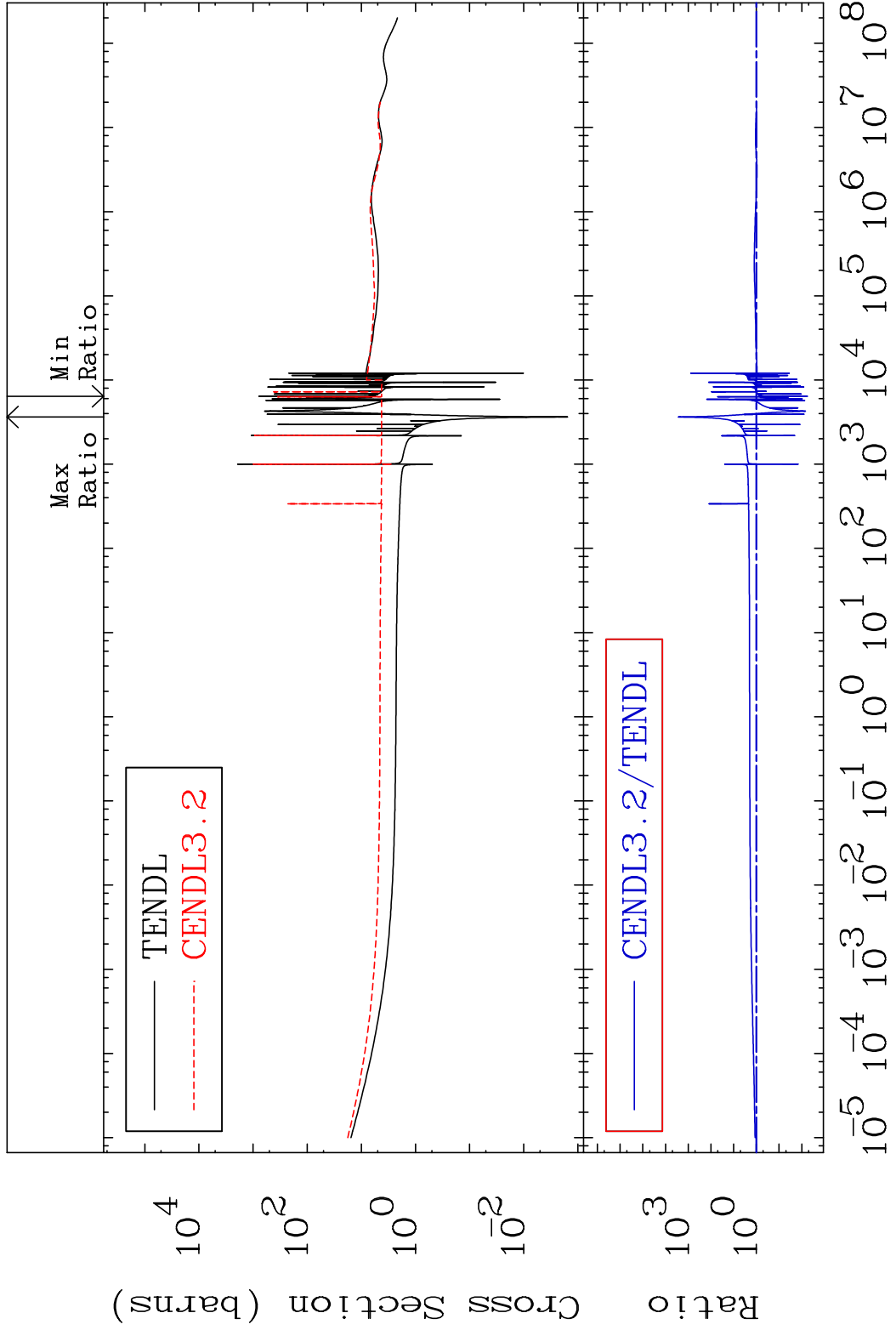
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5455 Total 54-Xe-134
 Cross Section -99.45 To 9999. %



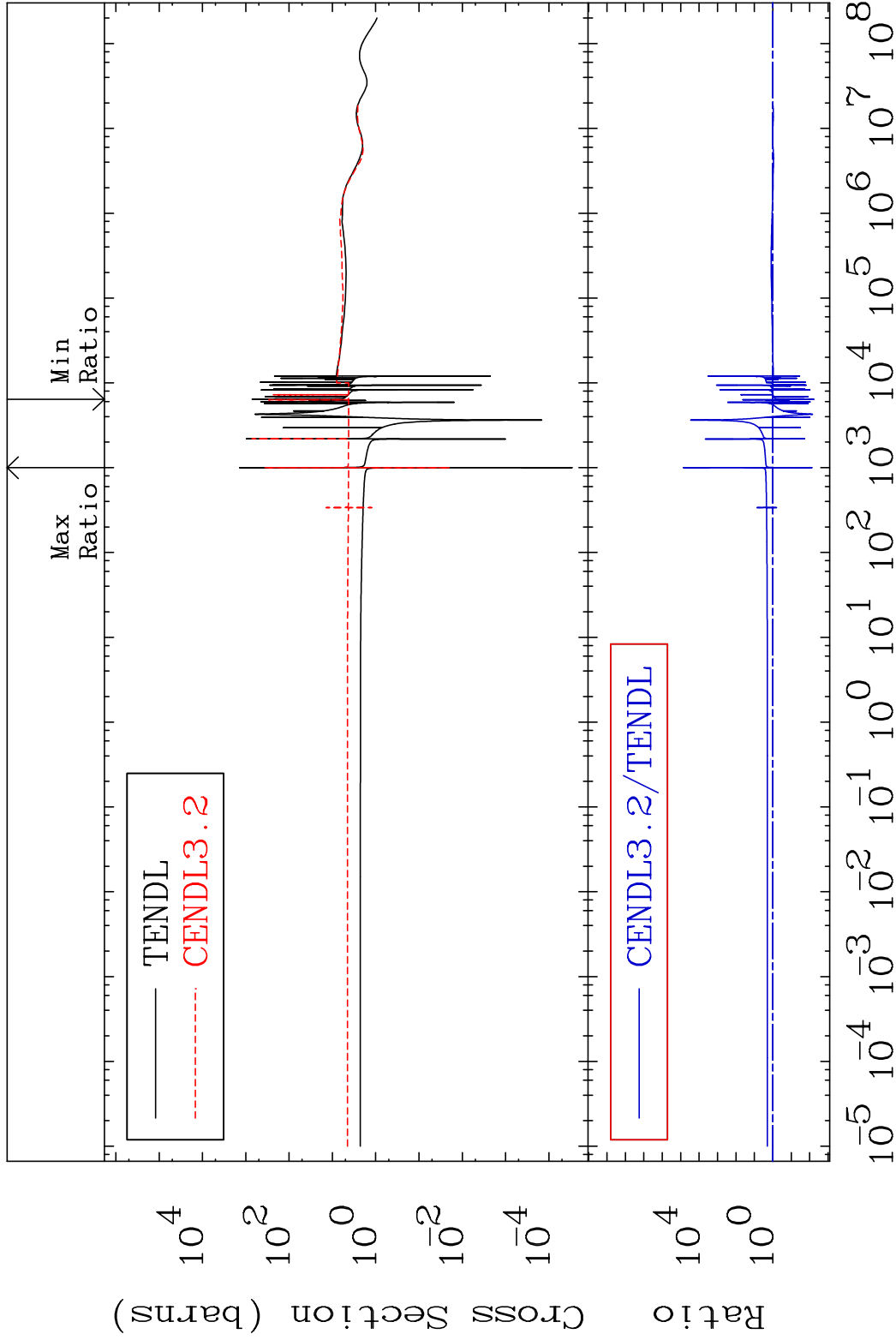
1 Incident Energy (eV) 54-Xe-134

MAT 5455

Elastic

54-Xe-134

Cross Section -99.41 To 9999. %

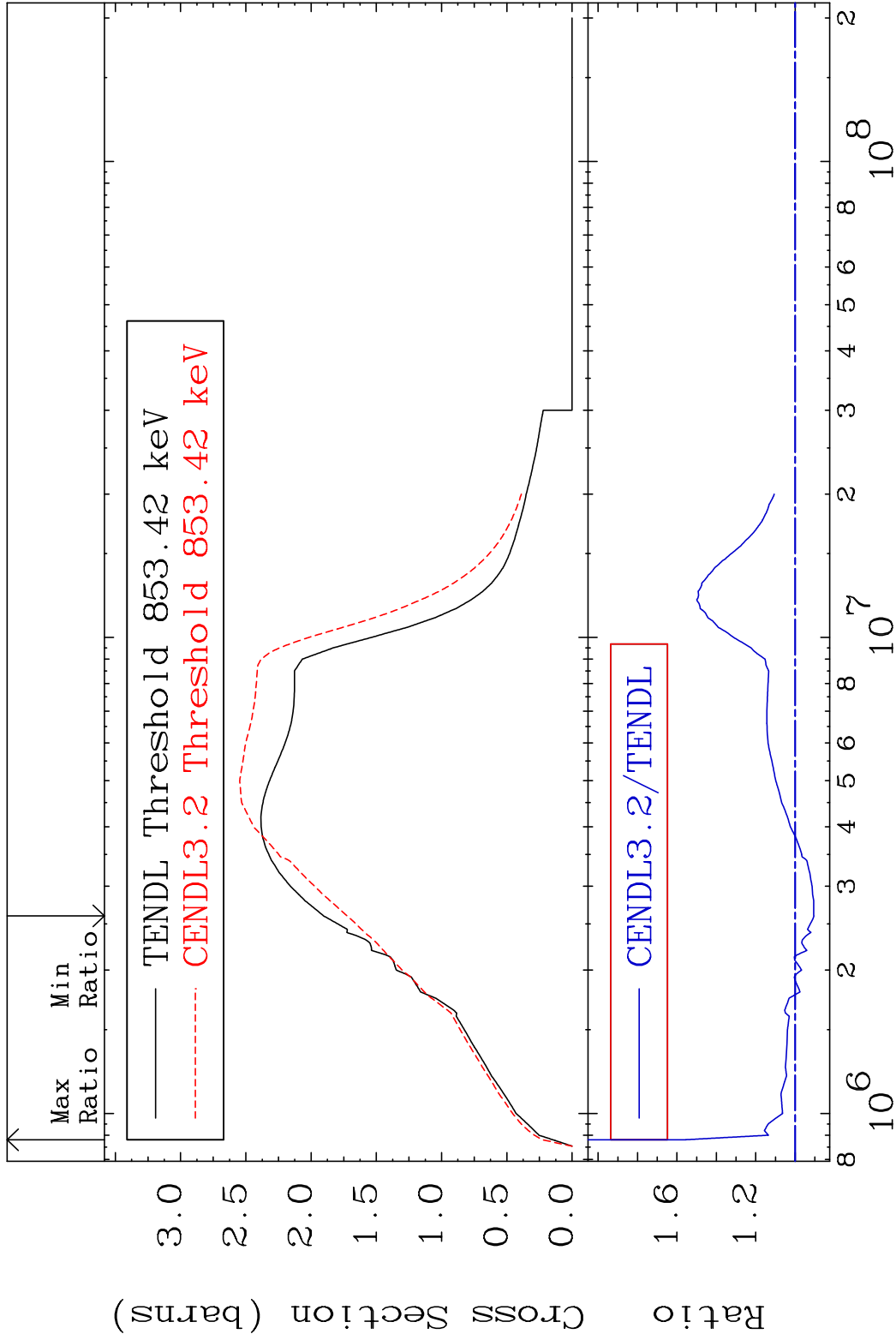


2

Incident Energy (eV)

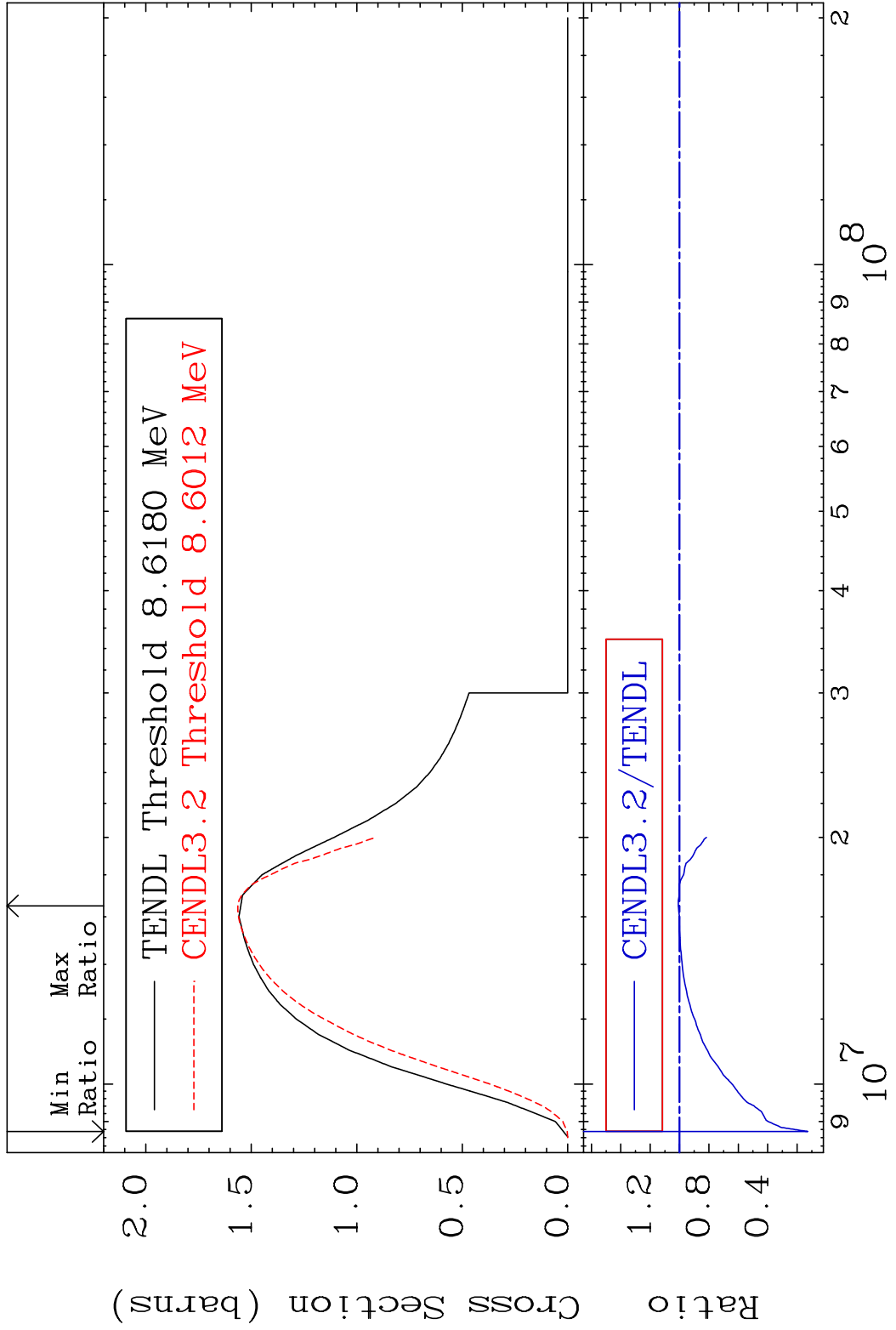
54-Xe-134

MAT 5455 Inelastic 54-Xe-134
 Cross Section -9.506 To 56.70 %



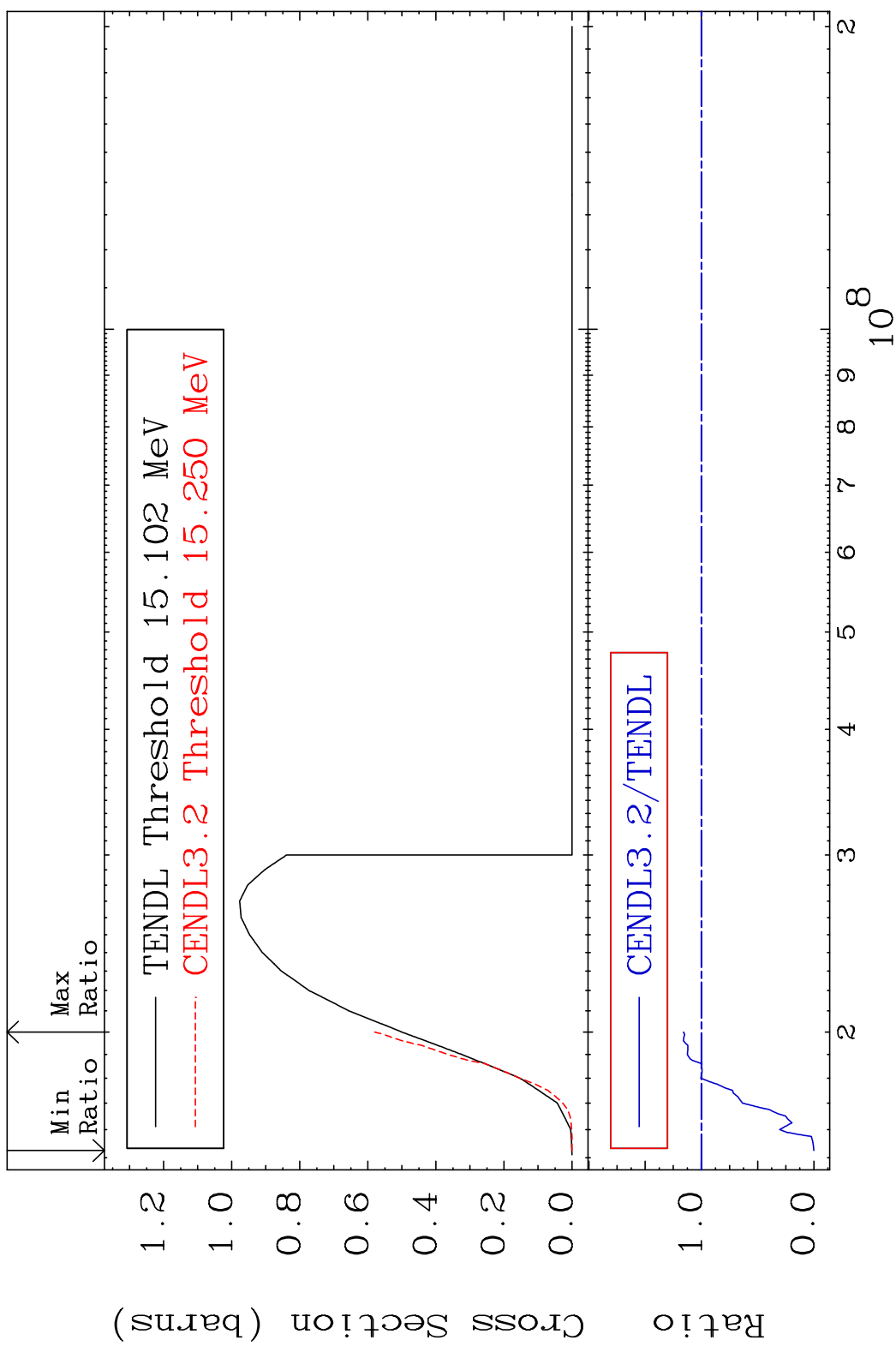
3 Incident Energy (eV) 54-Xe-134

MAT 5455 (n,2n) 54-Xe-134
 Cross Section -87.25 To 0.872 %



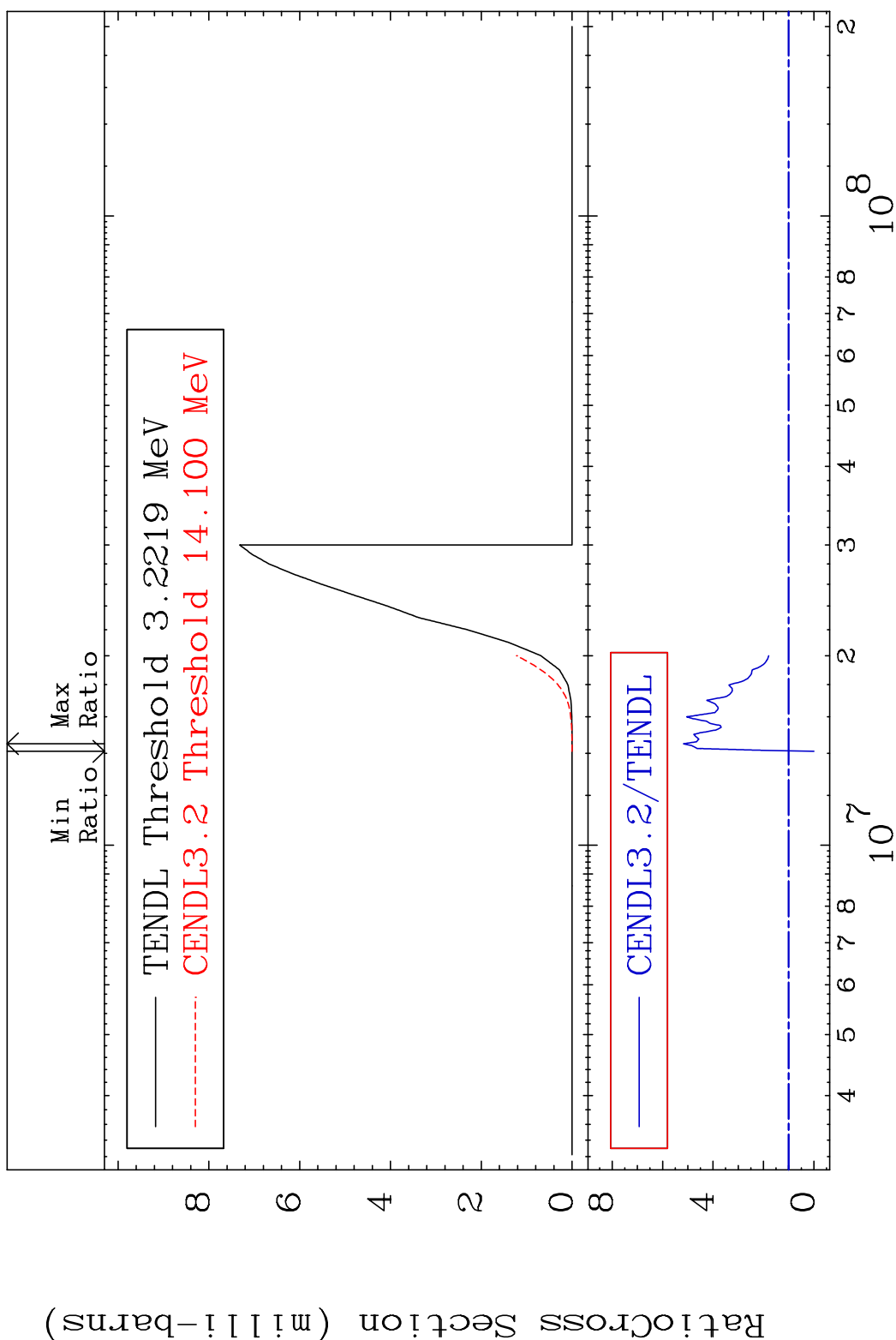
4 Incident Energy (eV) 54-Xe-134

MAT 5455 (n,3n) 54-Xe-134
 Cross Section -100.0 To 15.97 %

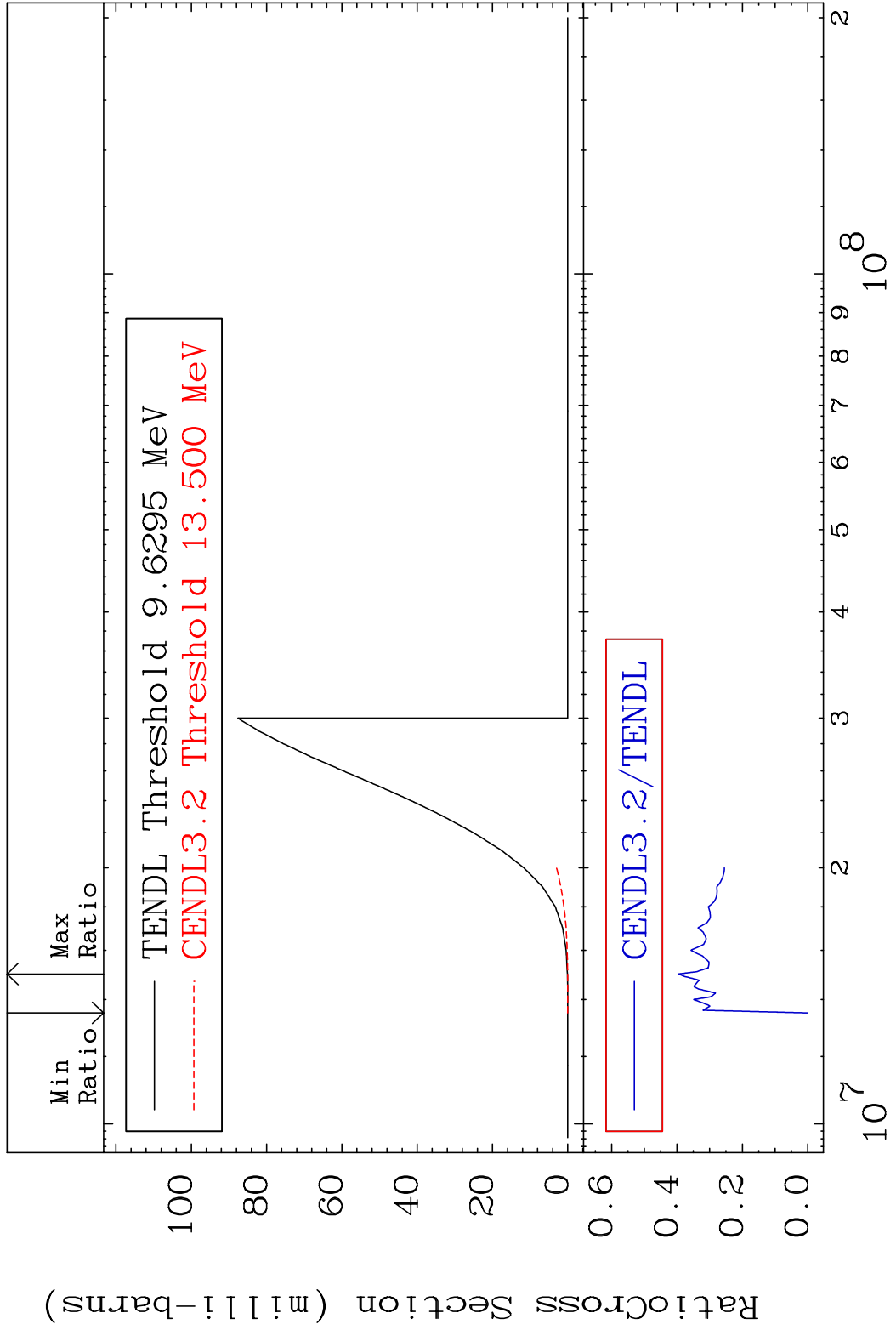


5 Incident Energy (eV) 54-Xe-134

MAT 5455 (n, n') α 54-Xe-134
 Cross Section -100.0 To 417.3 %

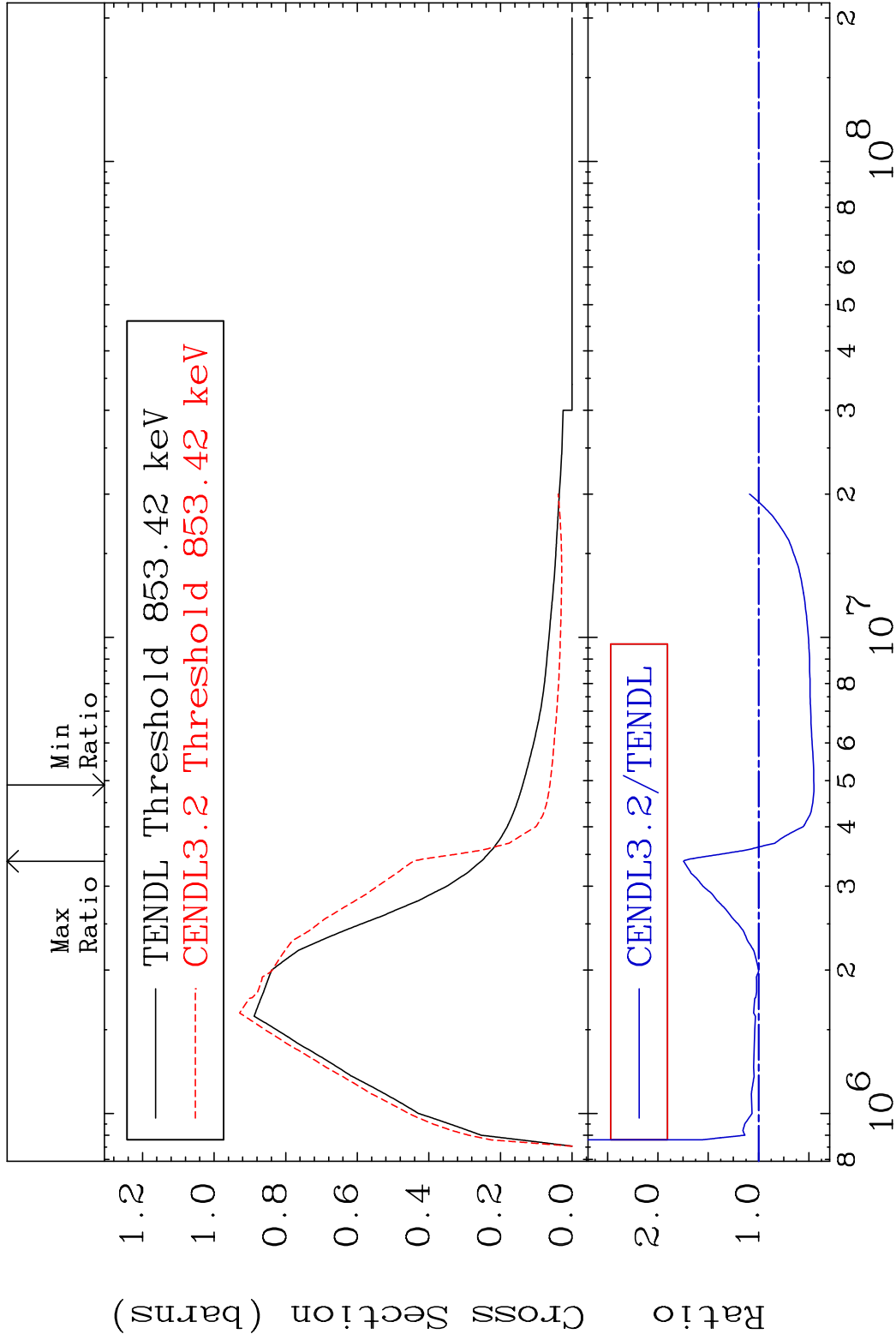


MAT 5455 (n, n') p 54-Xe-134
 Cross Section -100.0 To -60.38%



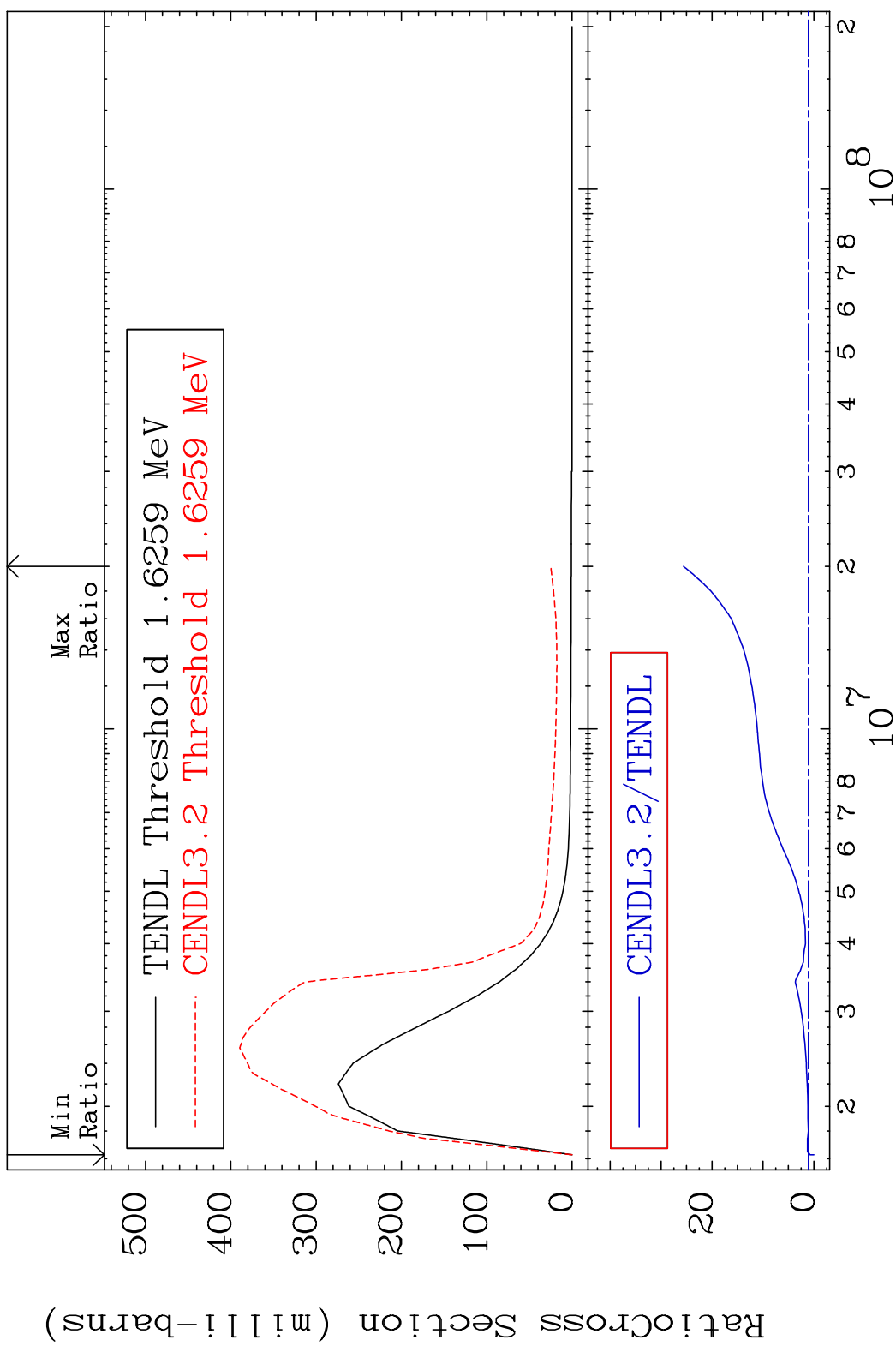
7 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 51 (n, n') Level 54-Xe-134
 Cross Section -54.99 To 74.63 %

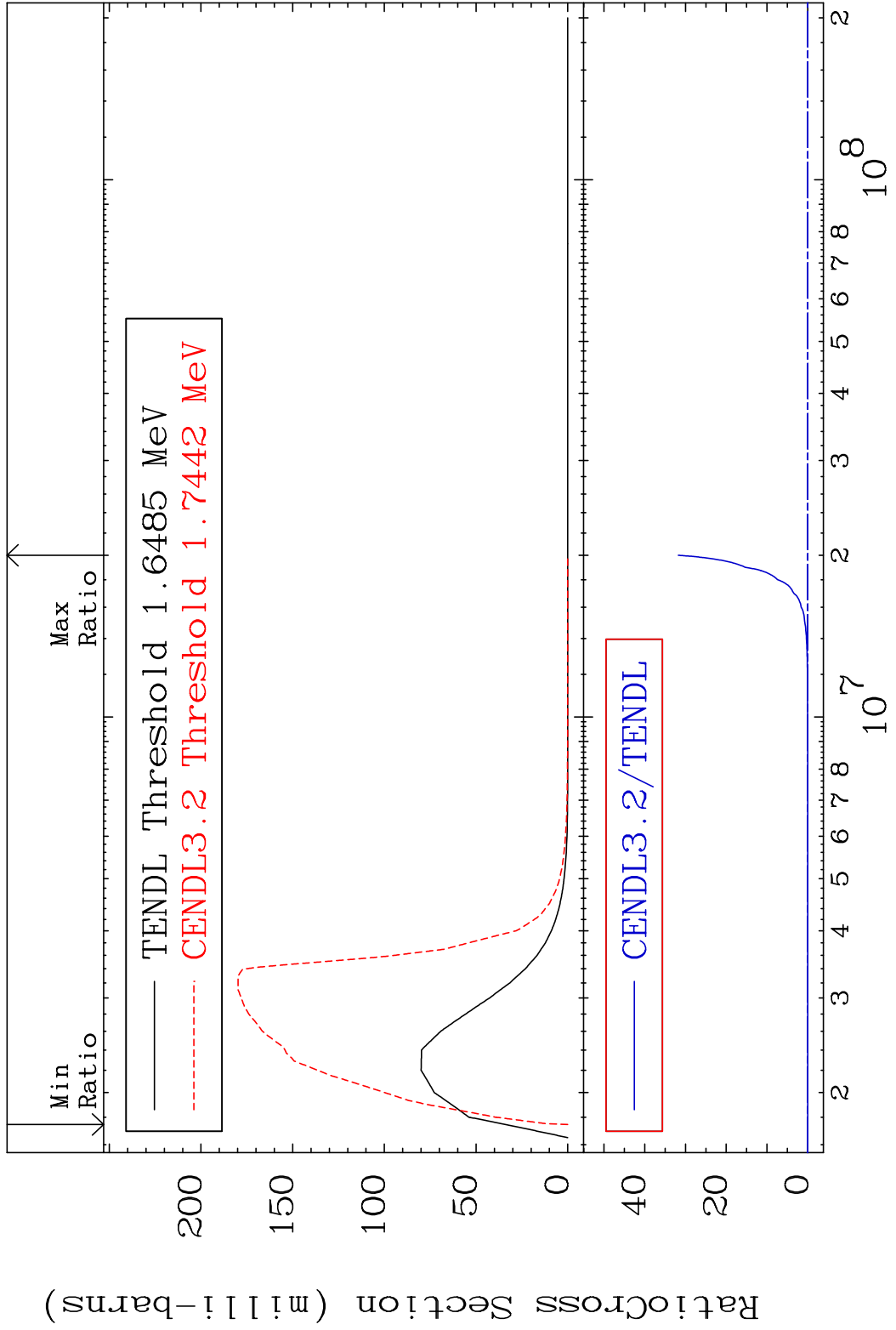


8 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 52 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 2461. %

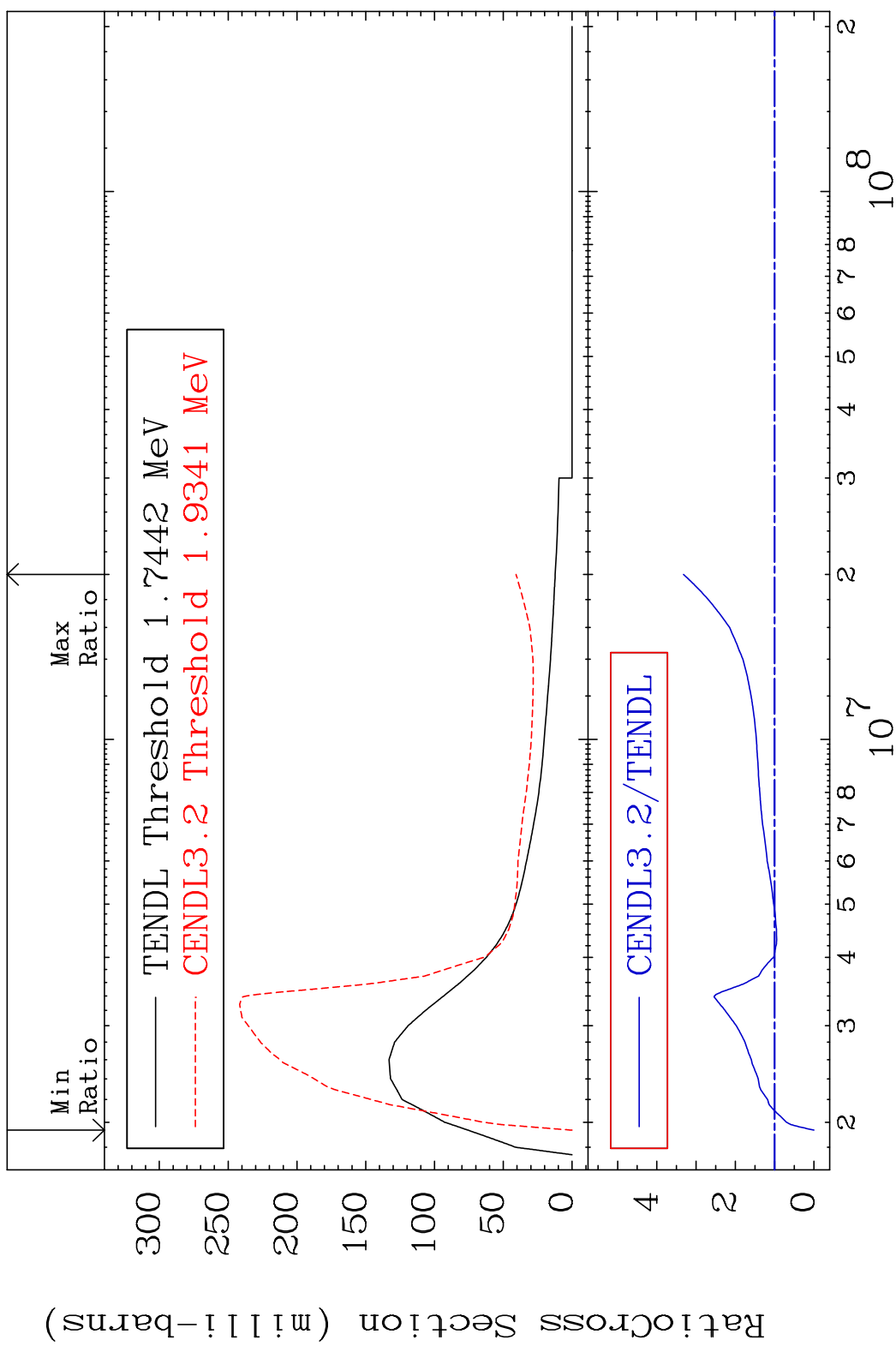


MAT 5455 MT= 53 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



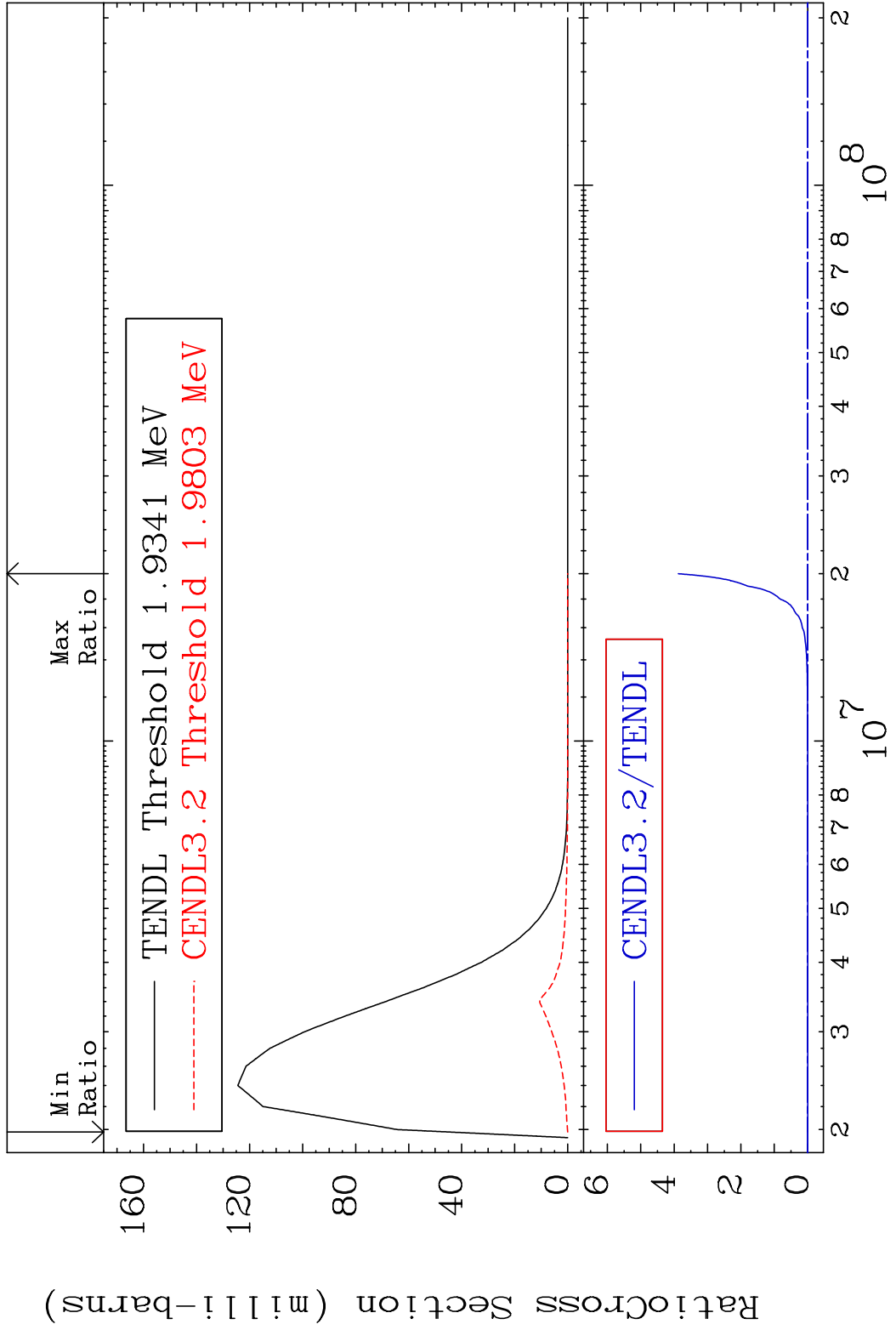
10 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 54 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 232.2 %



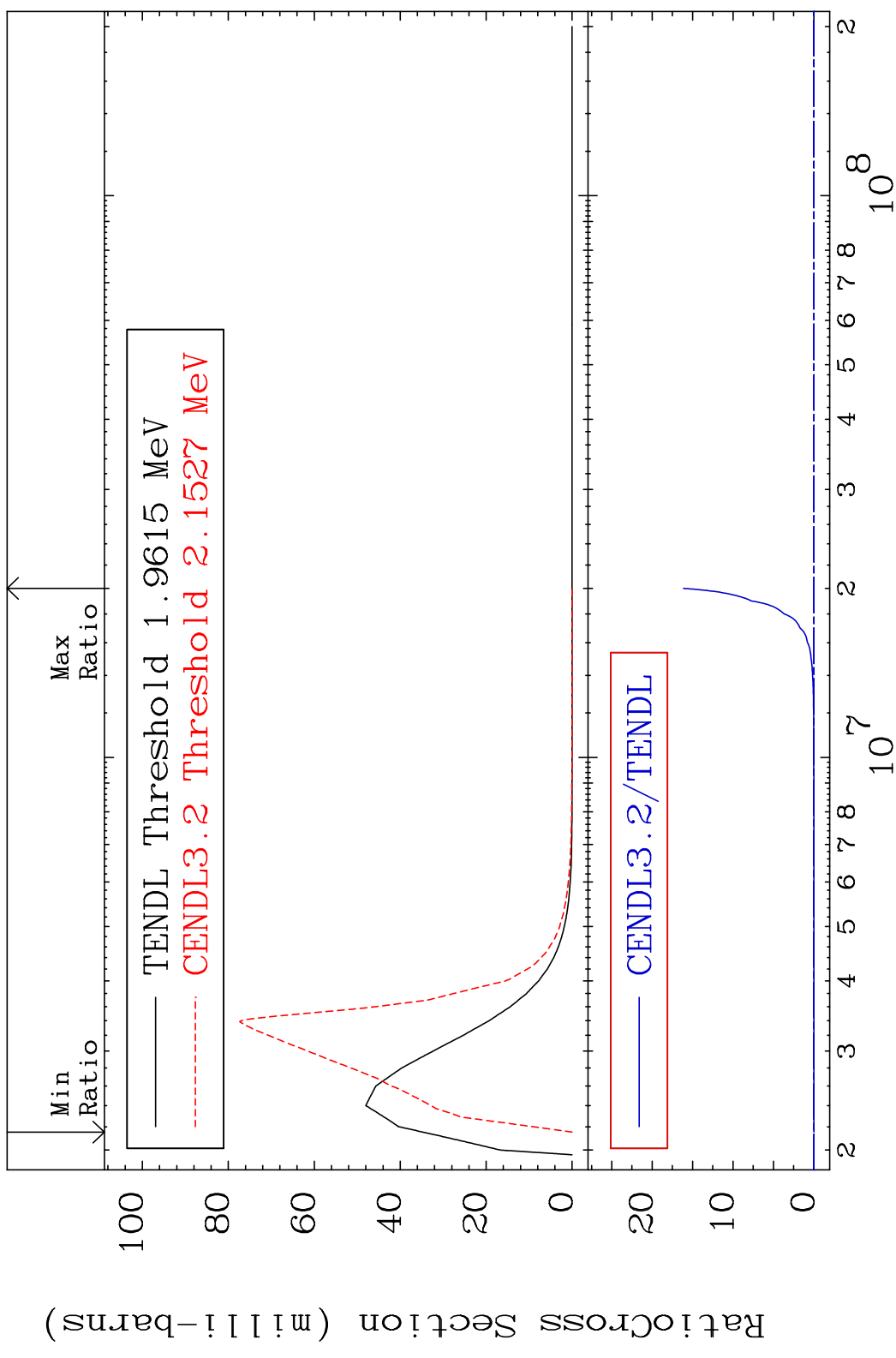
11 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 55 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



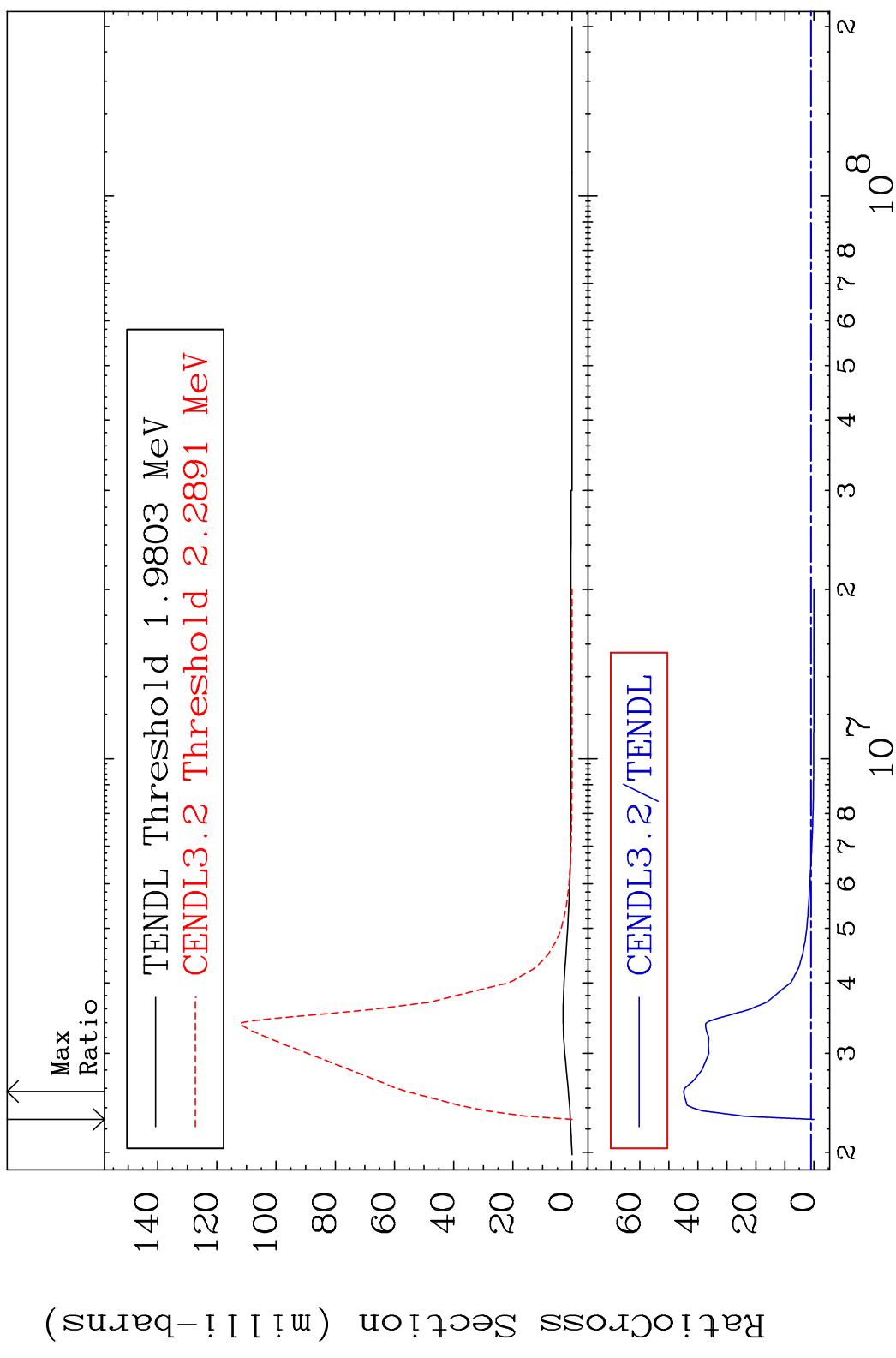
12 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 56 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



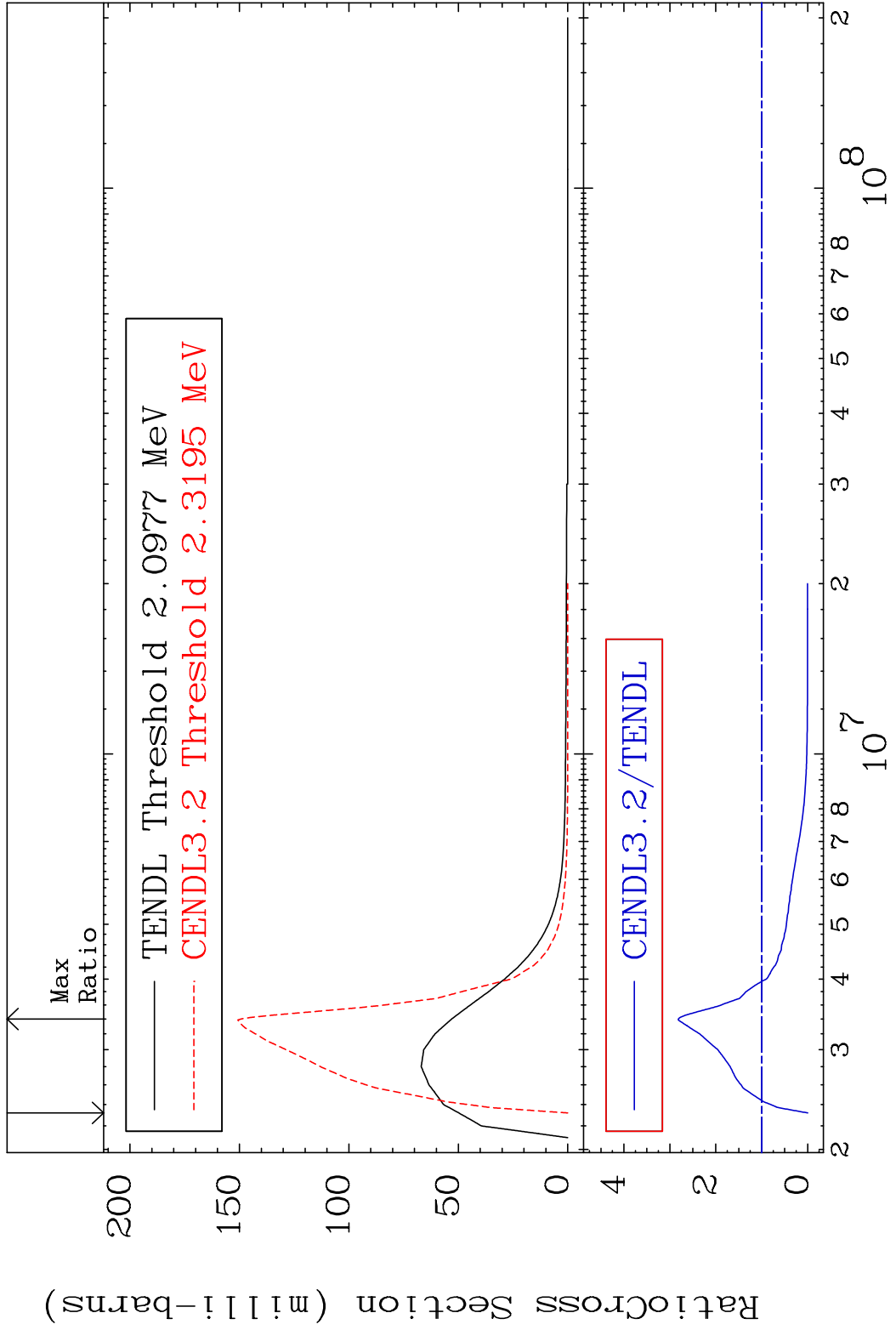
13 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 57 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 4396. %



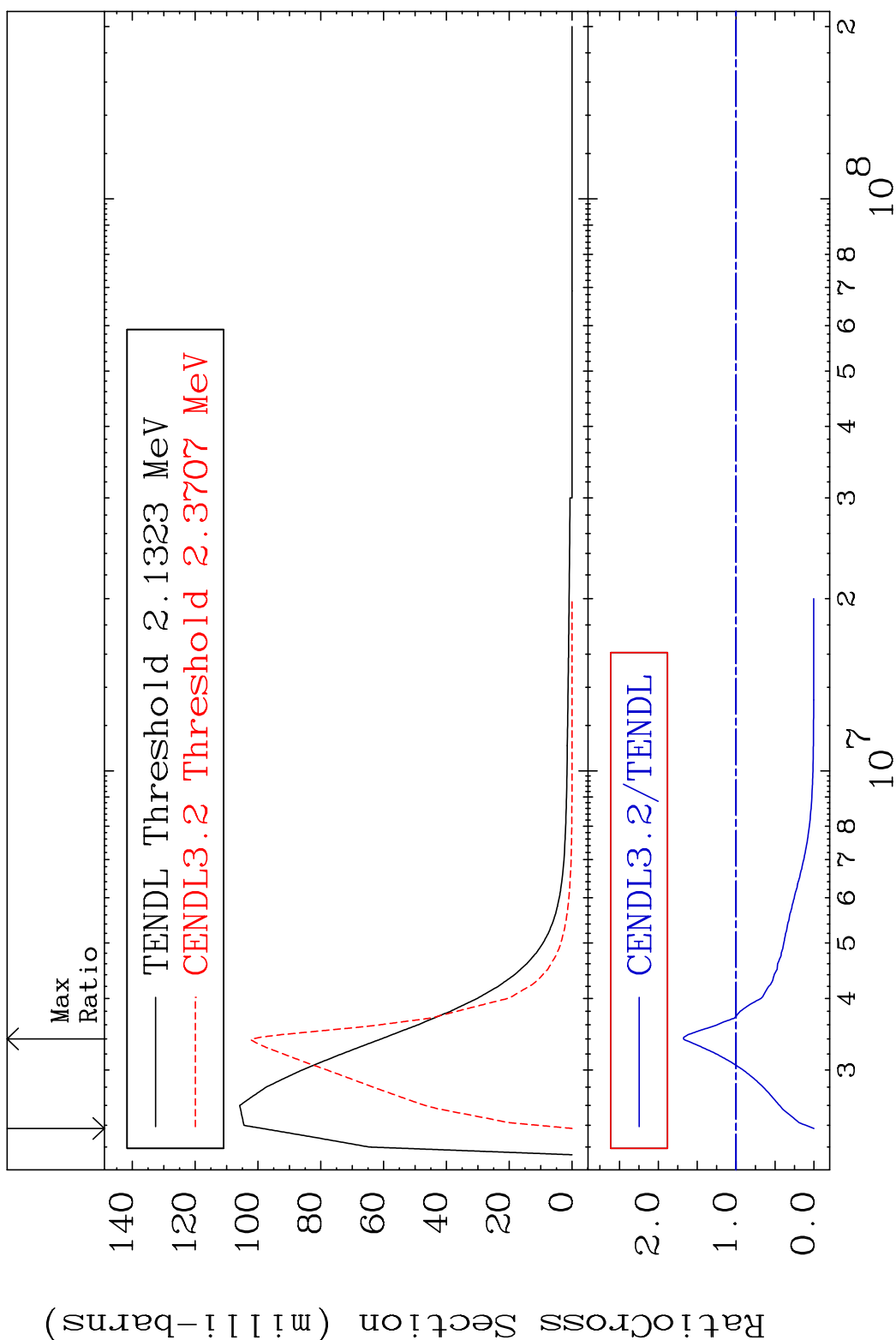
14 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 58 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 181.6 %



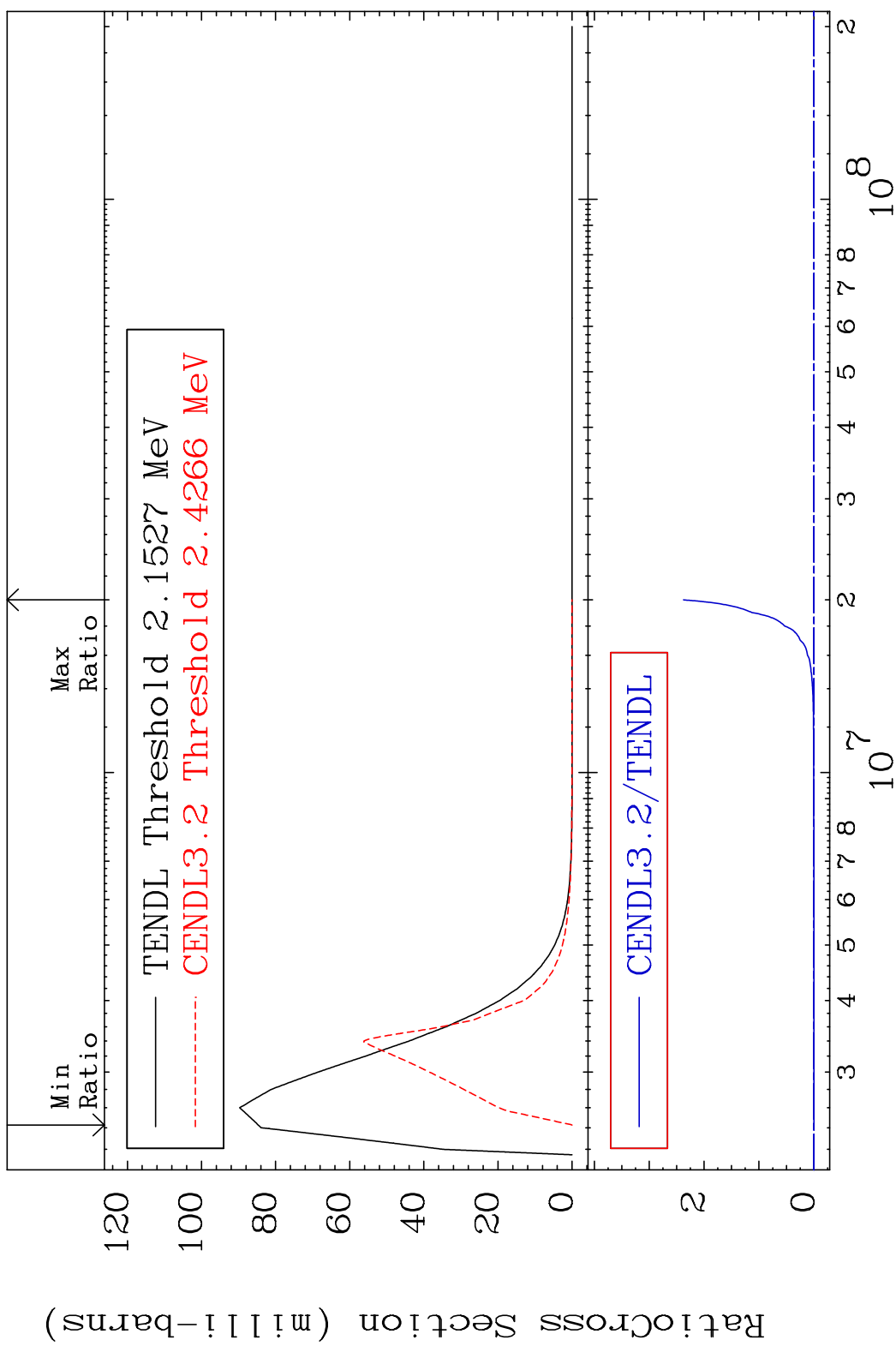
15 54-Xe-134

MAT 5455 MT= 59 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 67.69 %



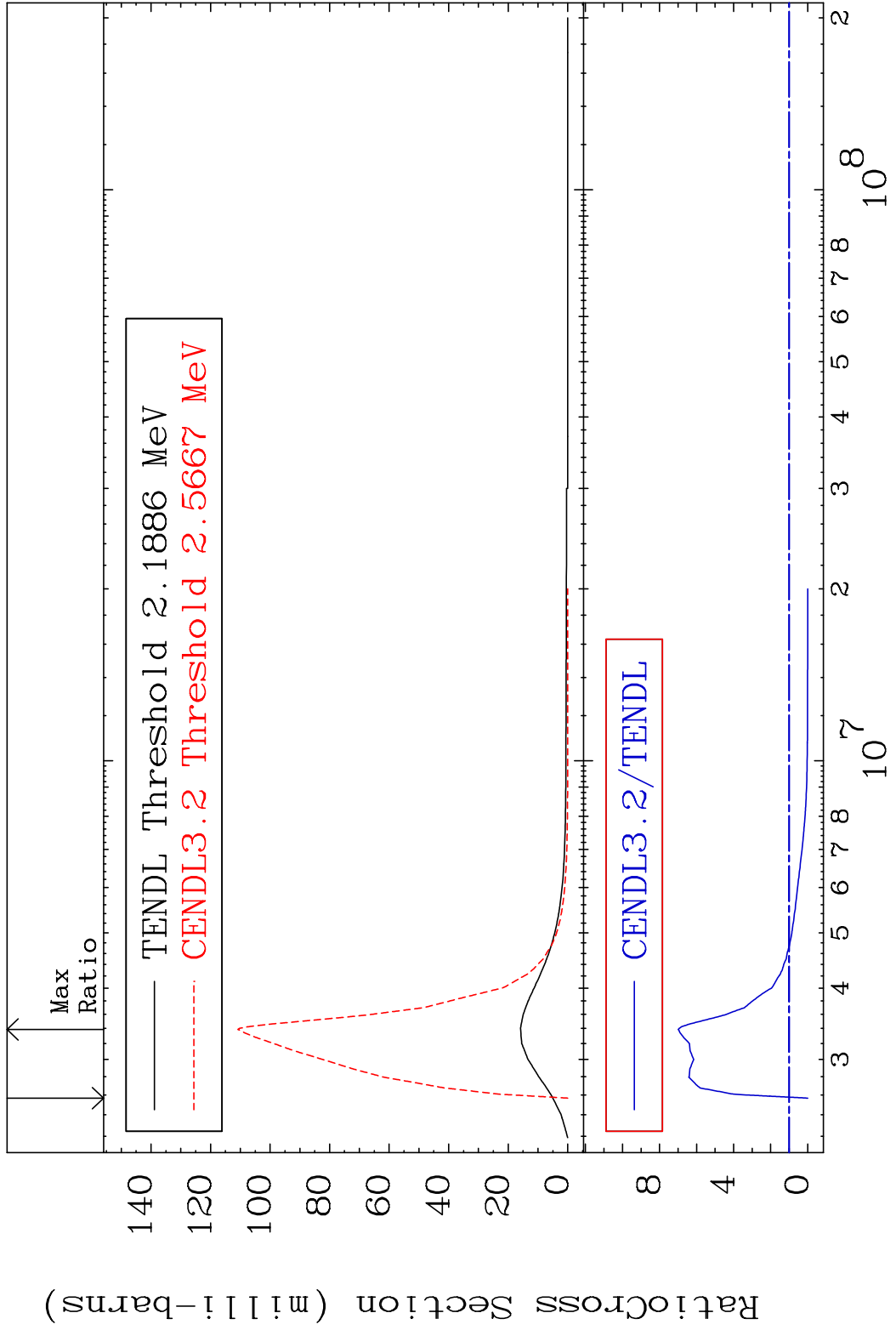
16 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 60 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



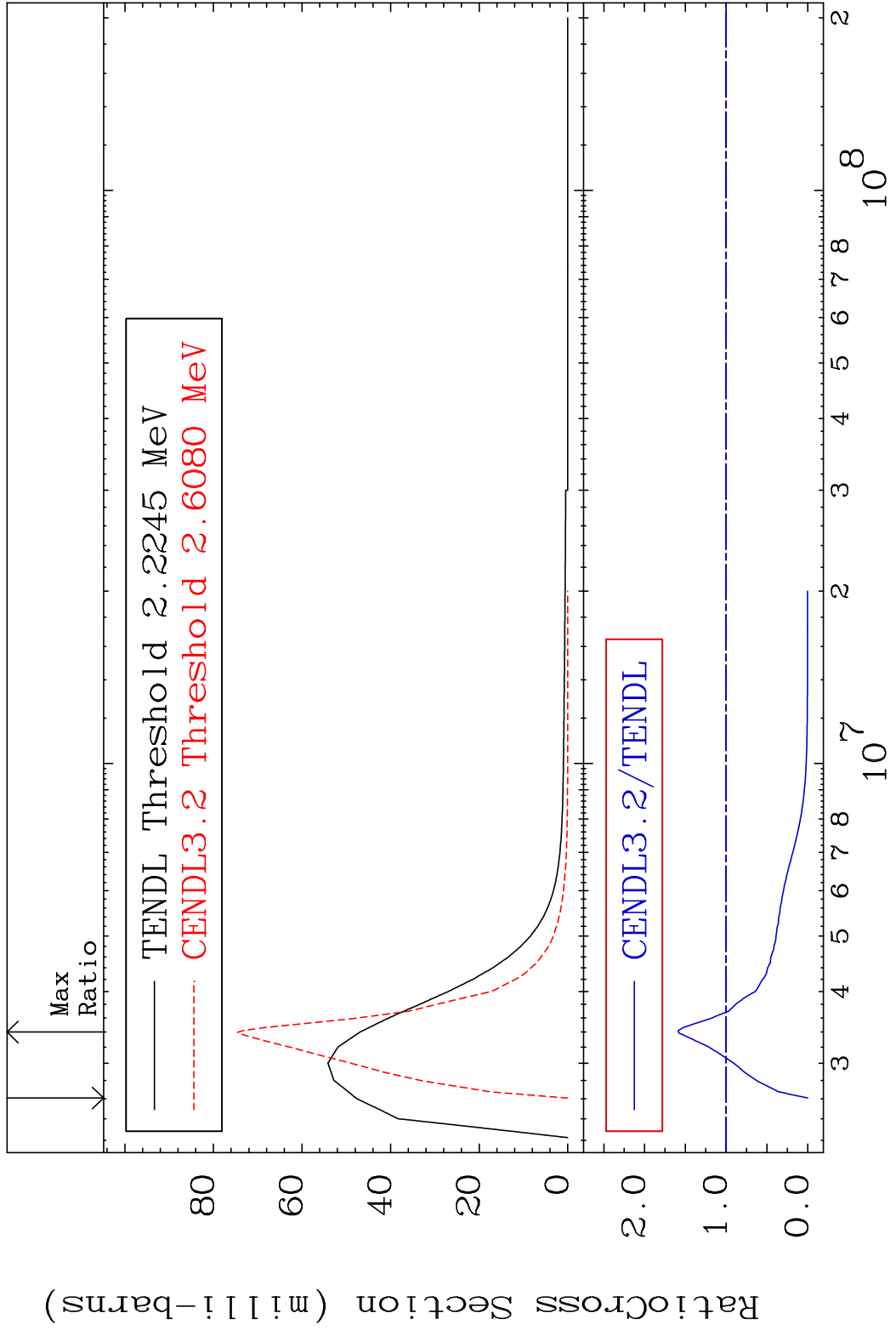
17 54-Xe-134

MAT 5455 MT= 61 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 598.8 %

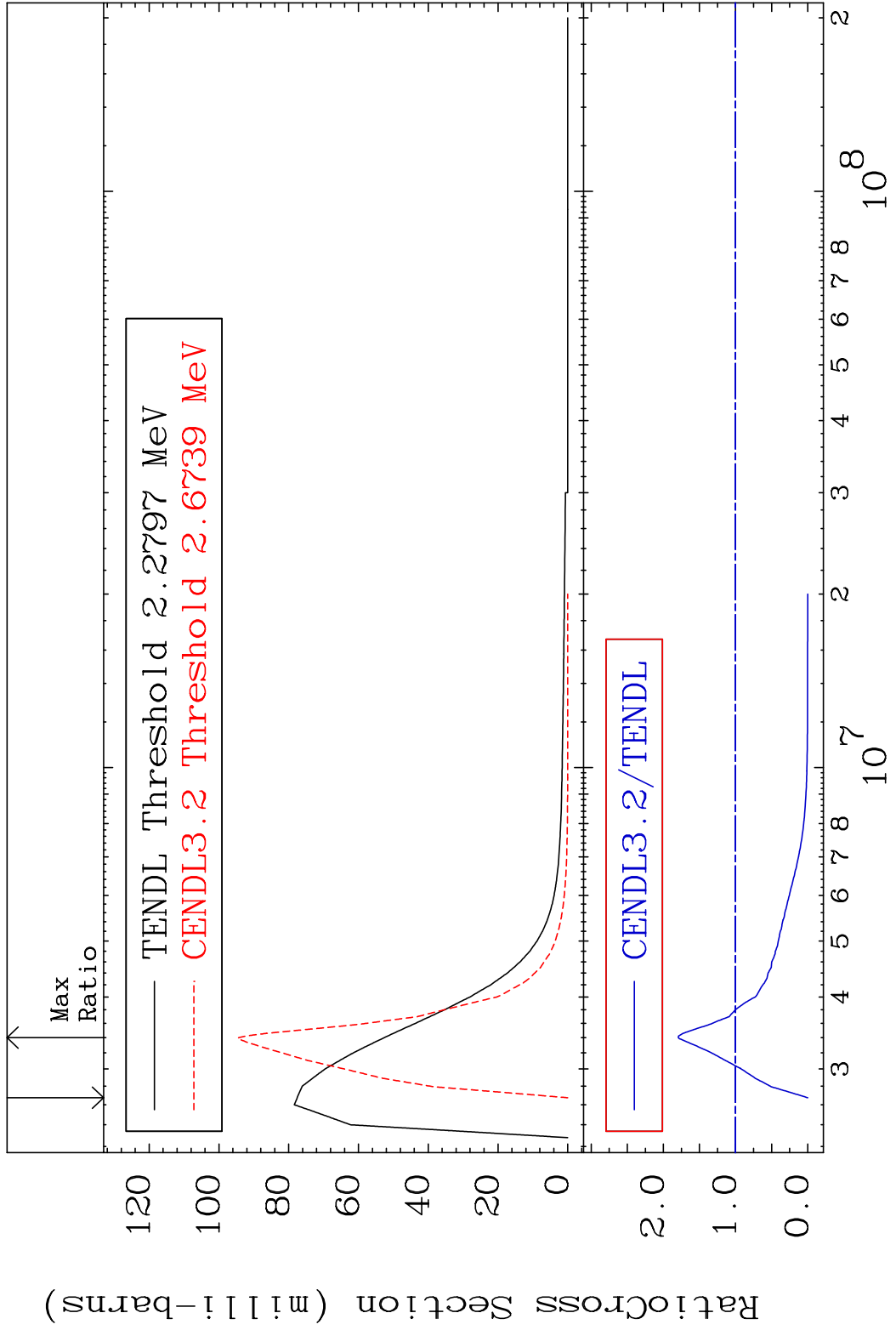


18 Incident Energy (eV) 54-Xe-134

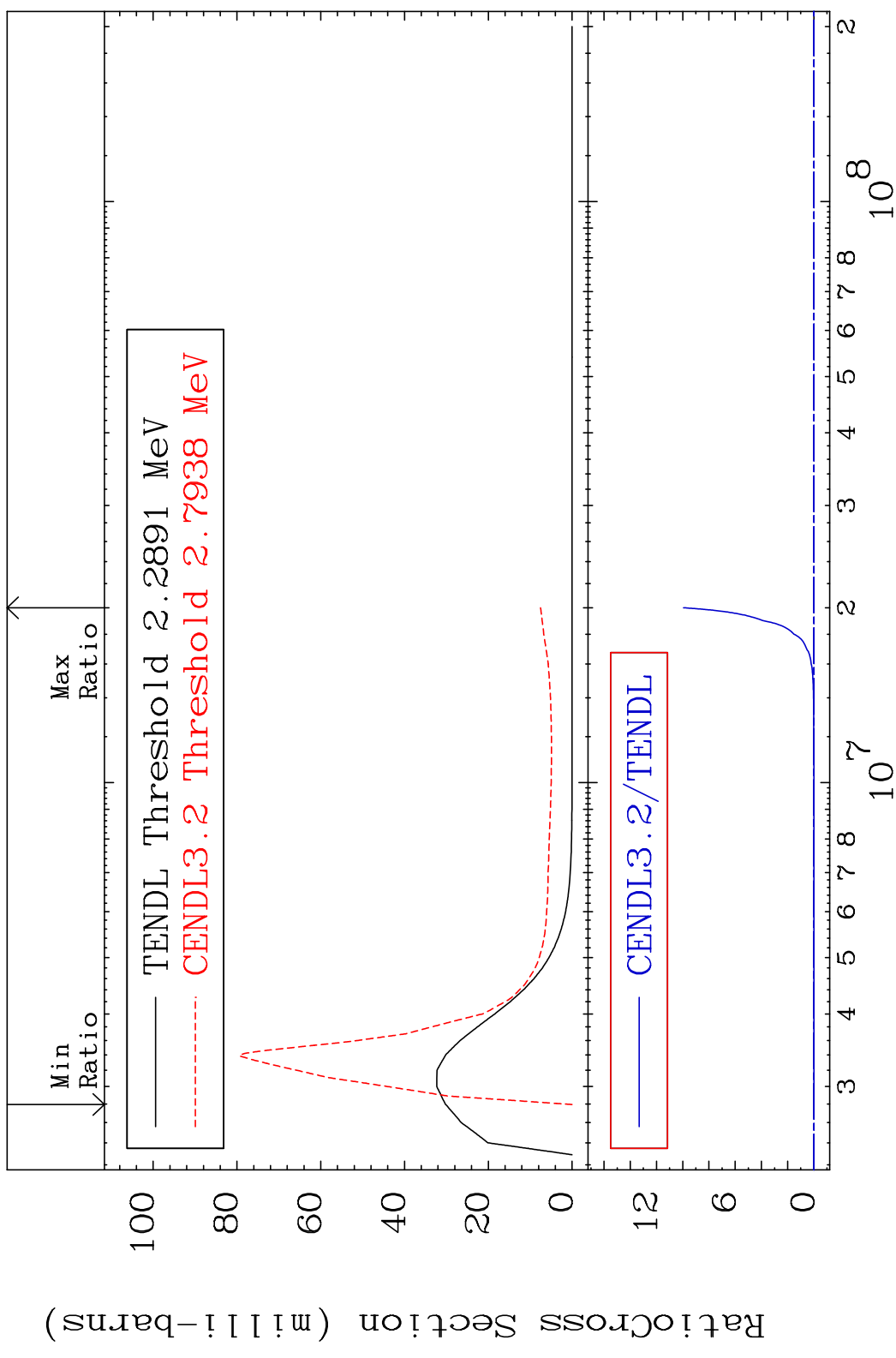
MAT 5455 MT= 62 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 58.72 %



MAT 5455 MT= 63 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 79.36 %

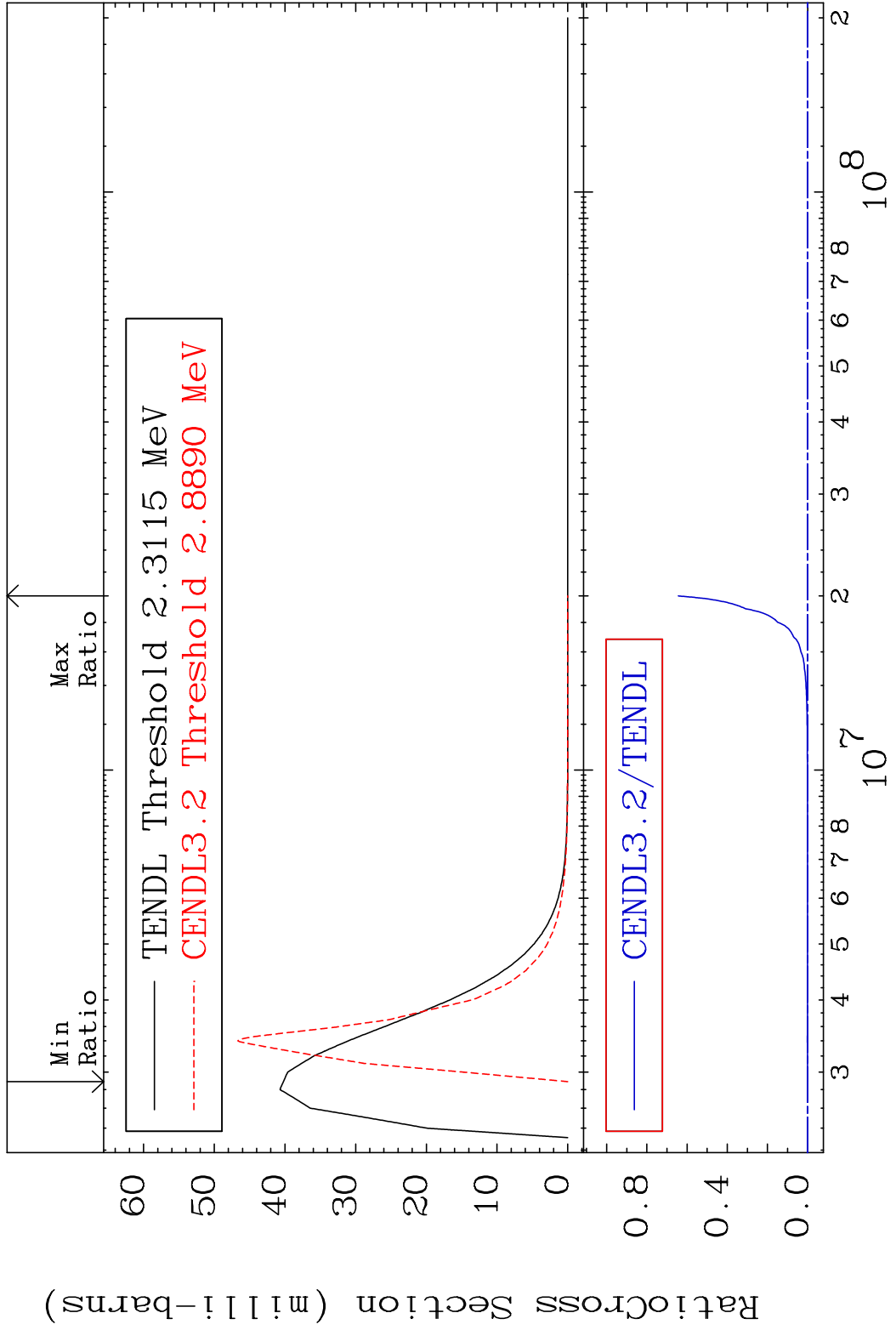


MAT 5455 MT= 64 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



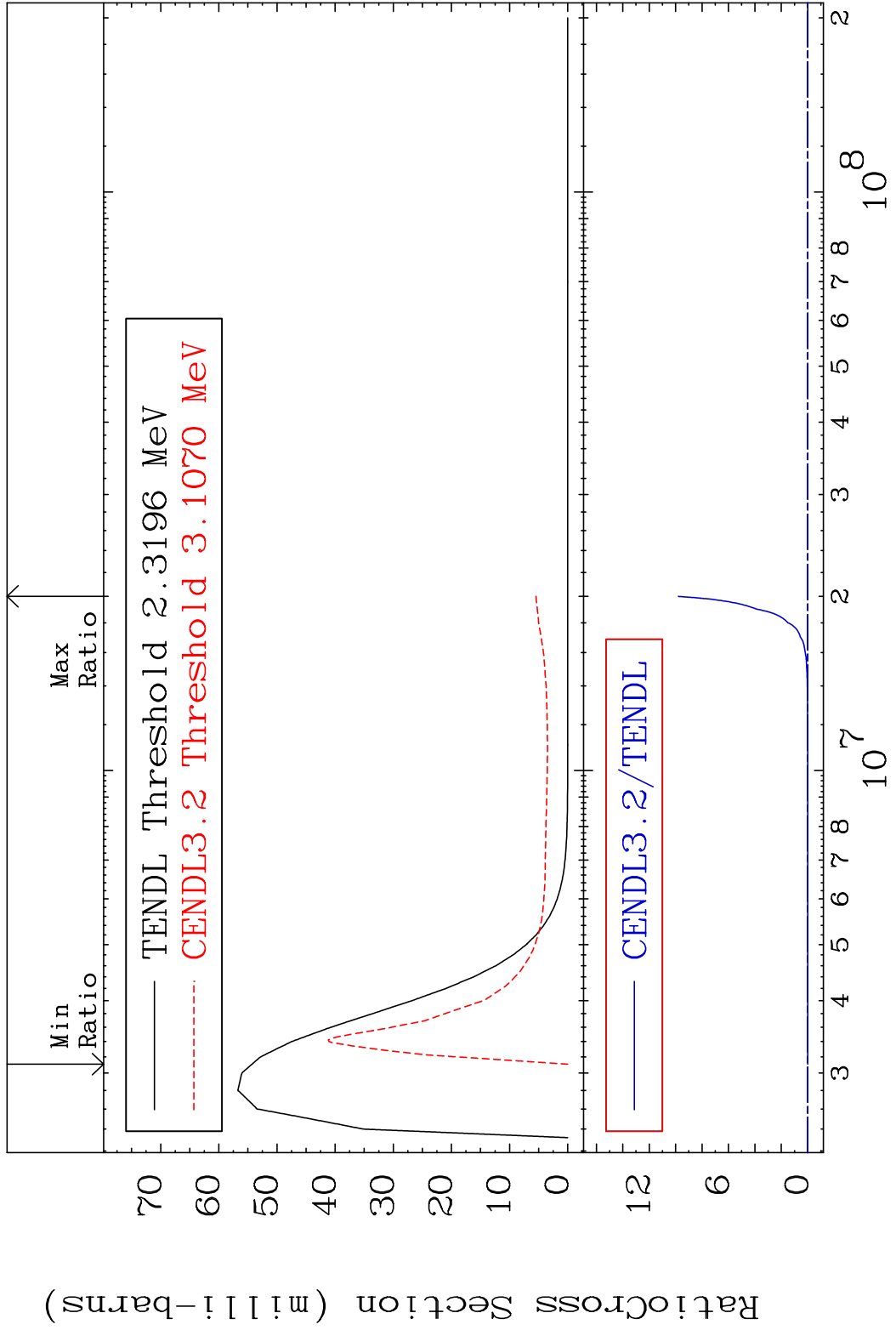
21 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 65 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %

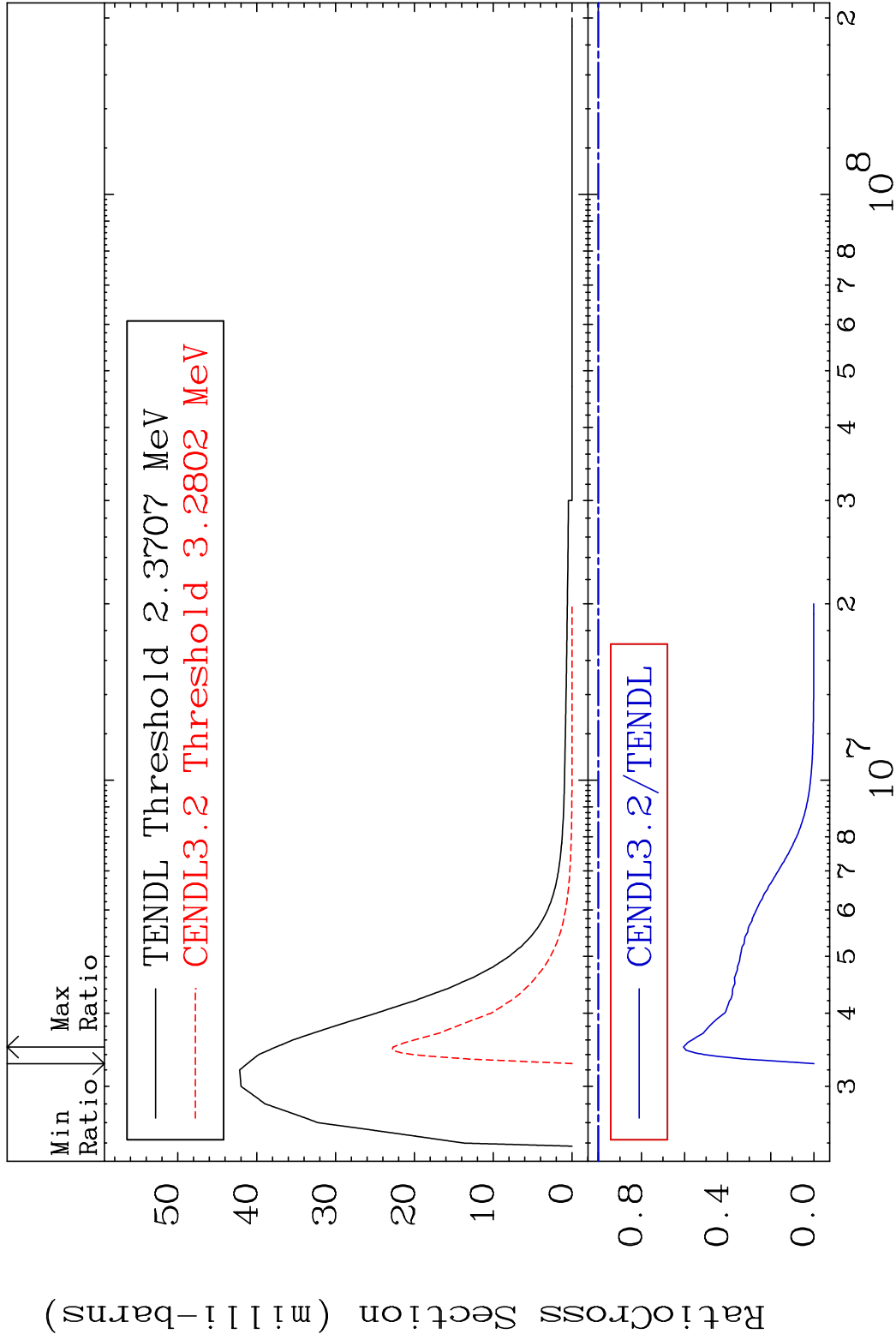


22 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 66 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %

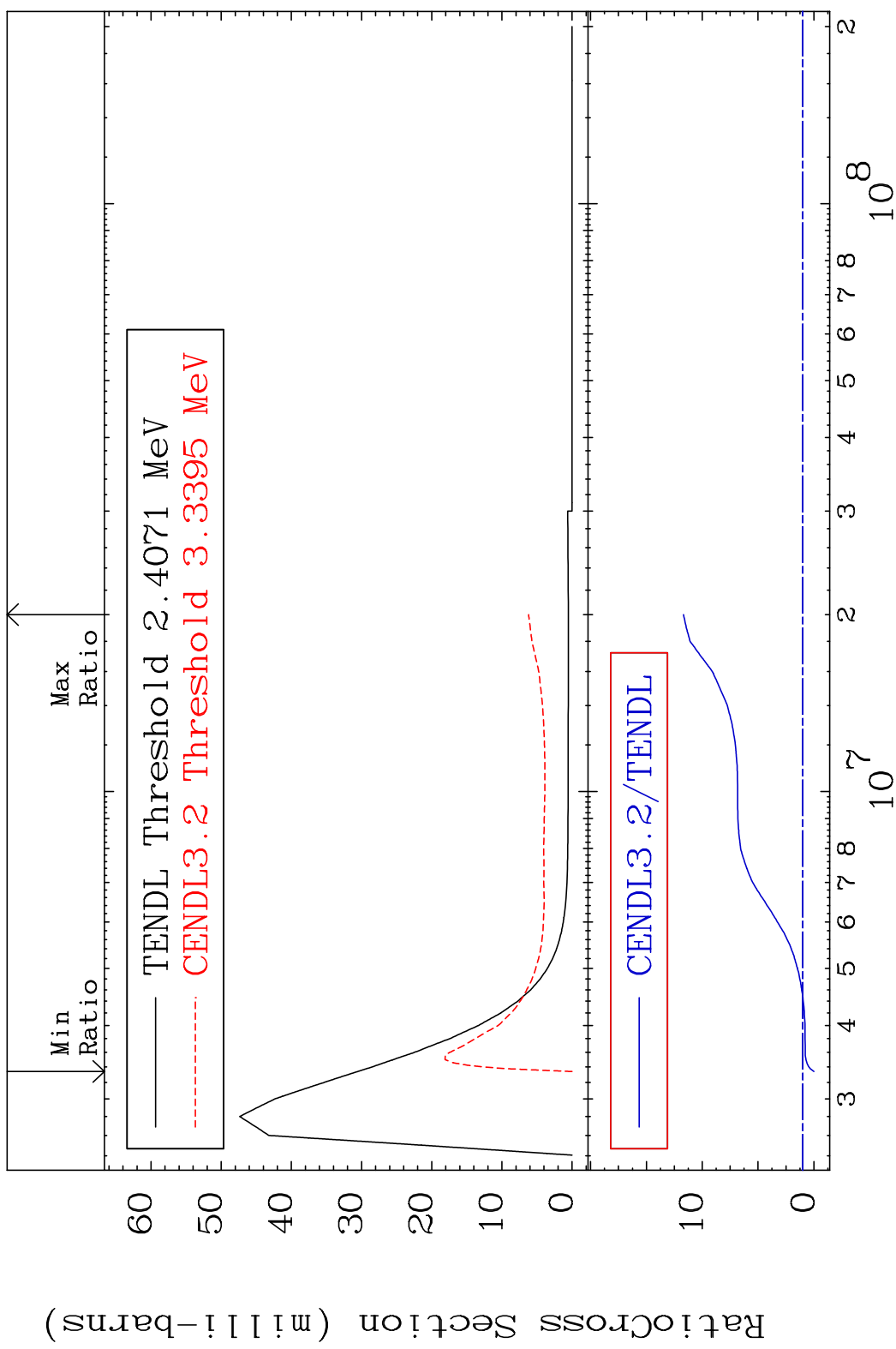


MAT 5455 MT= 67 (n, n') Level 54-Xe-134
 Cross Section -100.0 To -39.49%



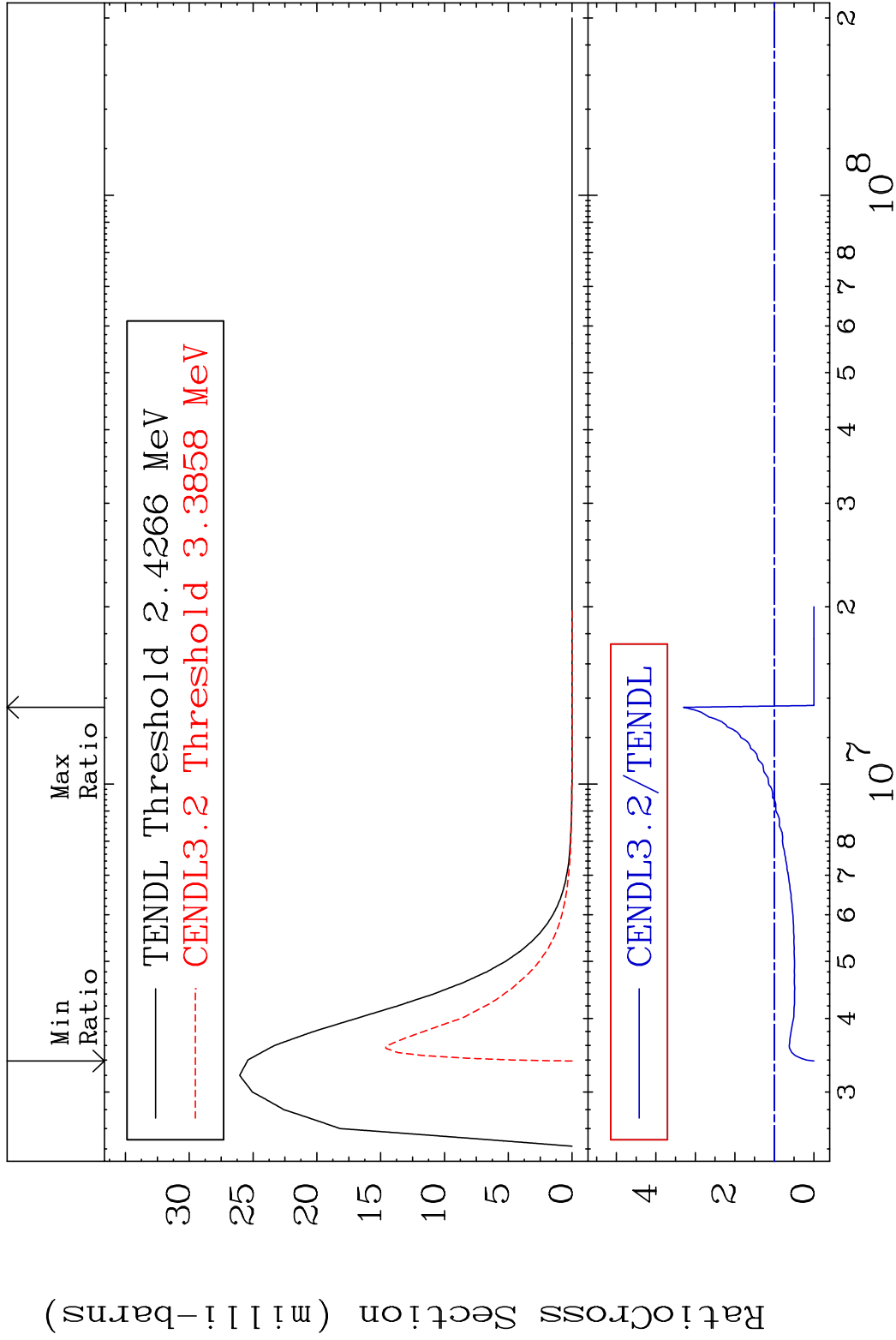
24 Incident Energy (eV) 54-Xe-134

MAT 5455 MT= 68 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 1068. %



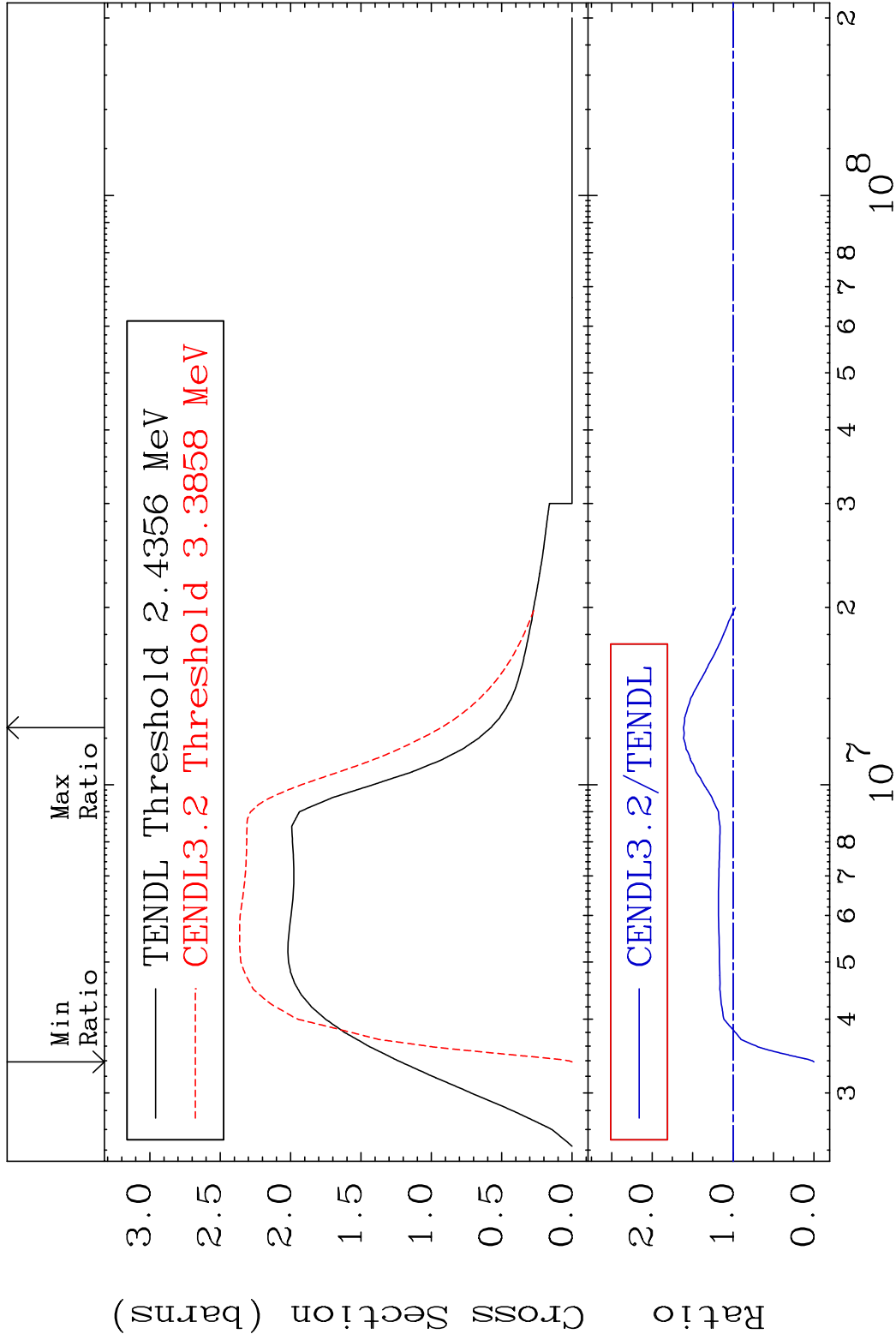
25 Incident Energy (eV) 54-Xe-134

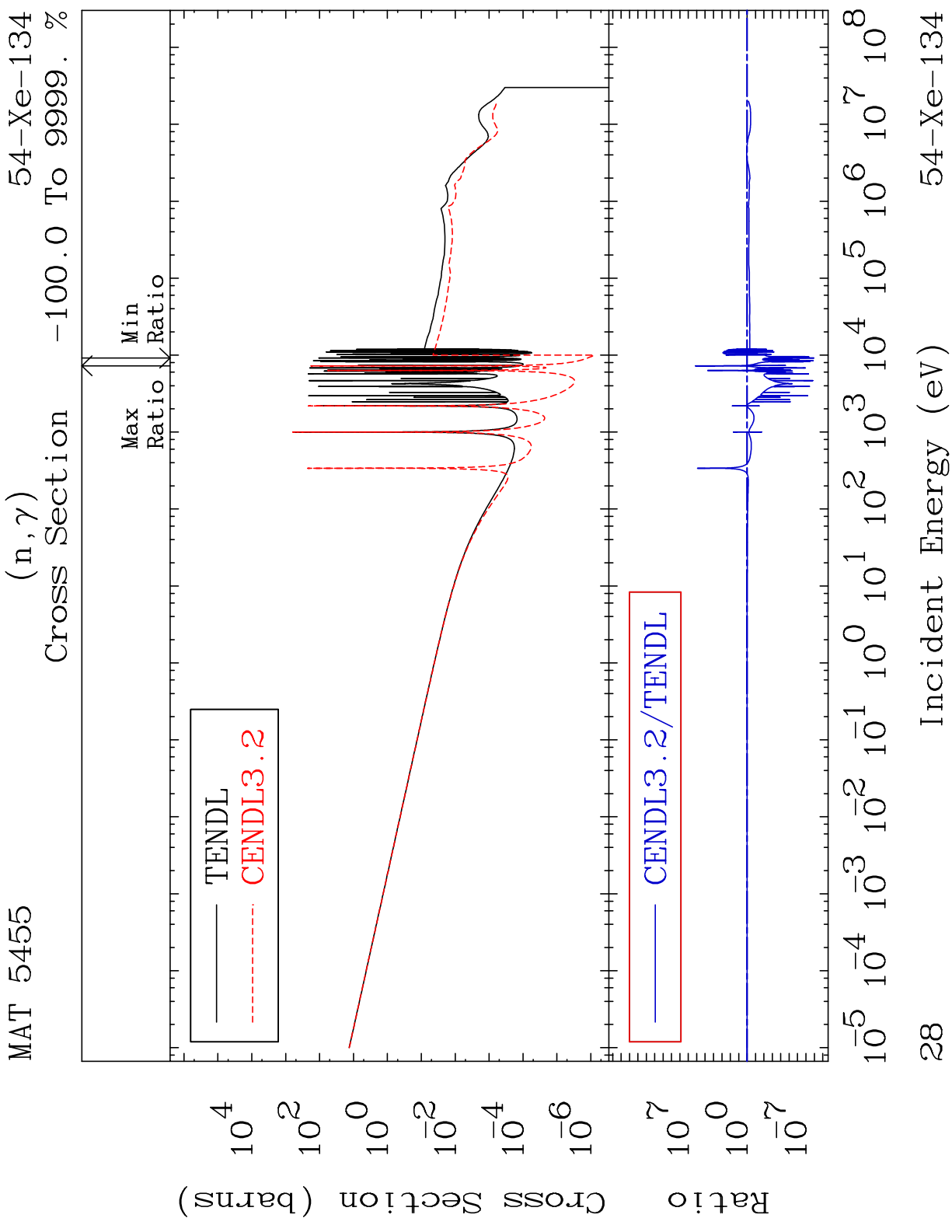
MAT 5455 MT= 69 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 230.1 %

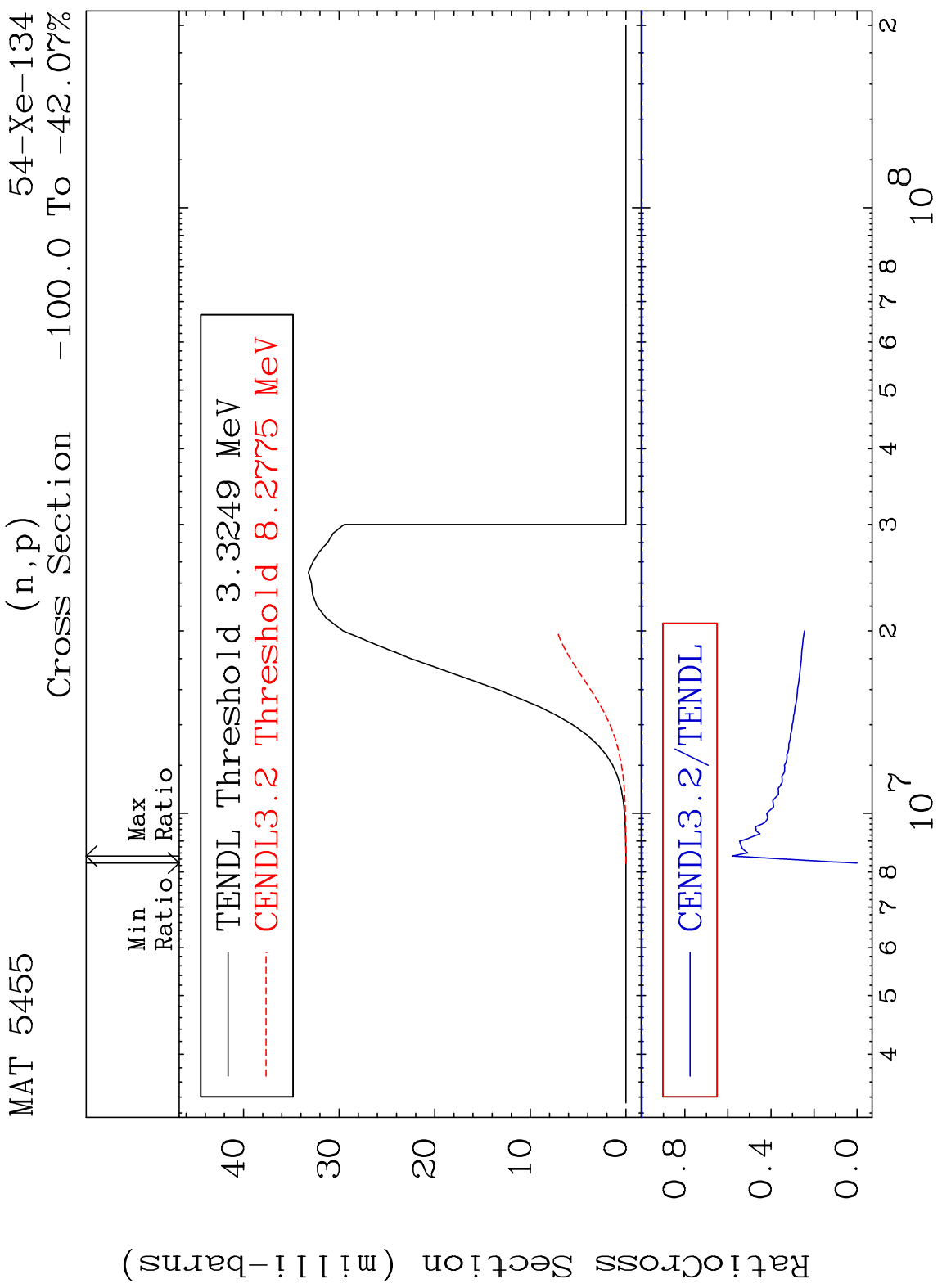


26 Incident Energy (eV) 54-Xe-134

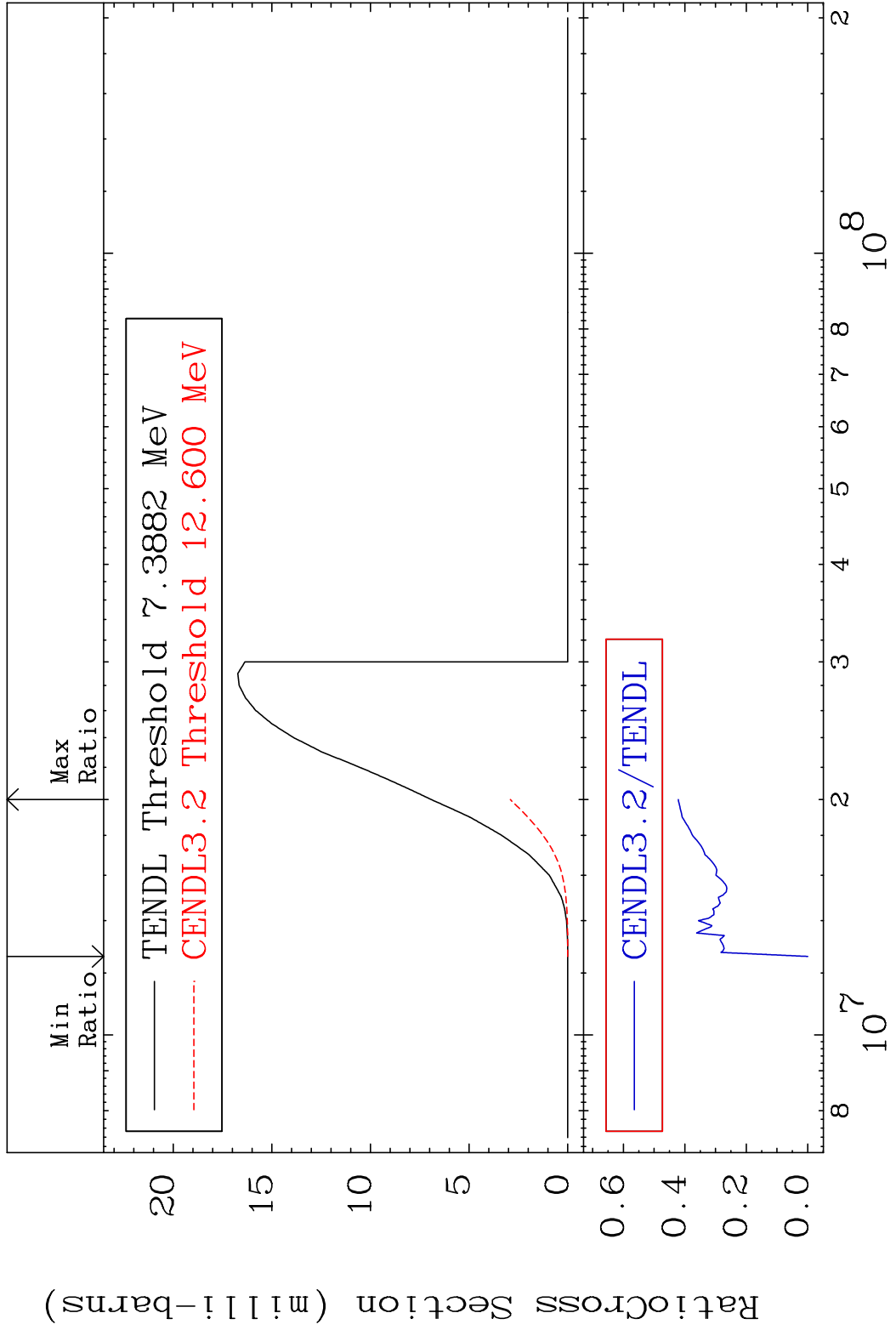
MAT 5455 (n, n') Continuum 54-Xe-134
 Cross Section -100.0 To 61.26 %





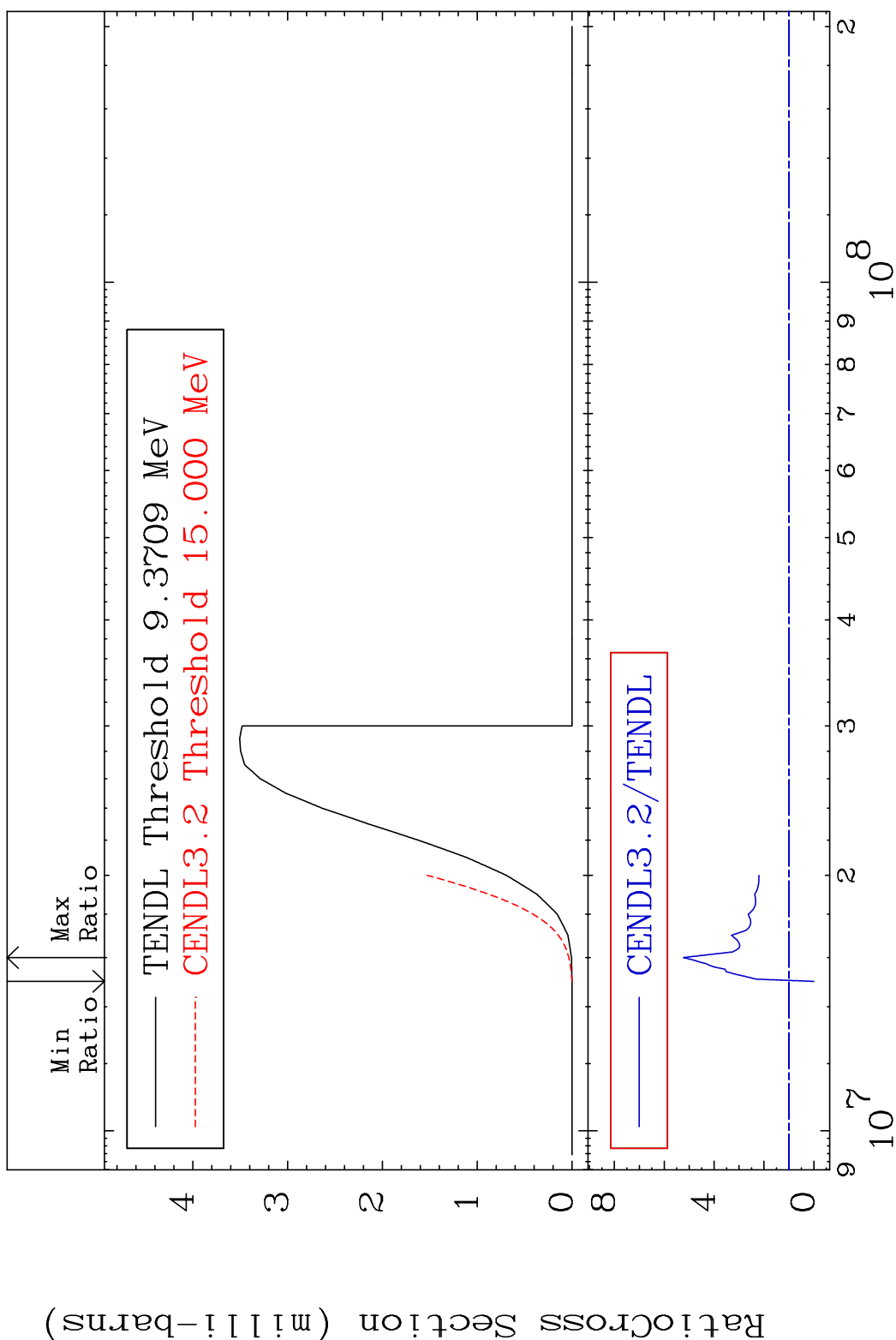


MAT 5455 (n, d) 54-Xe-134
 Cross Section -100.0 To -57.86%



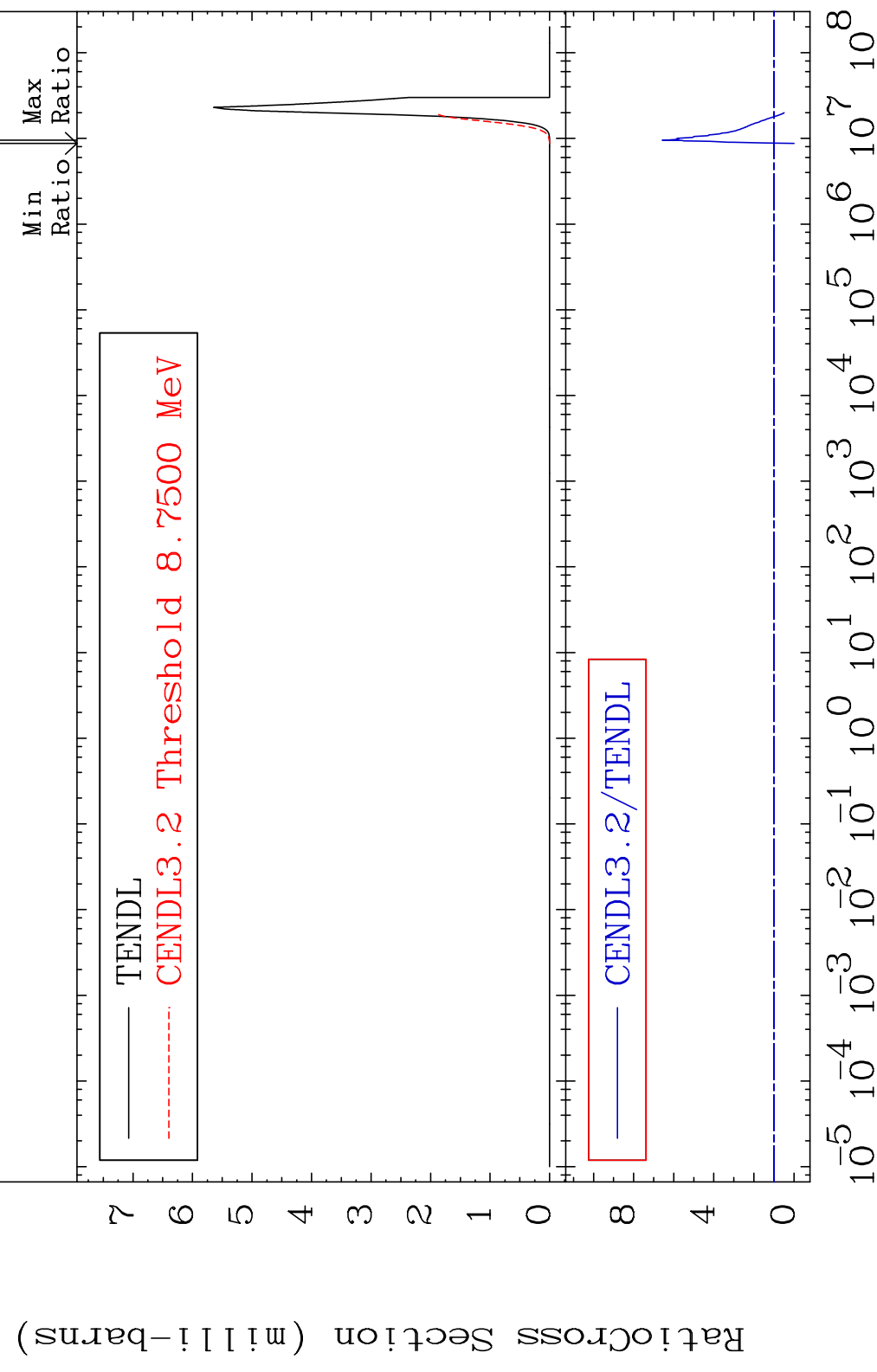
30 Incident Energy (eV) 54-Xe-134

MAT 5455 (n, t) 54-Xe-134
 Cross Section -100.0 To 423.0 %



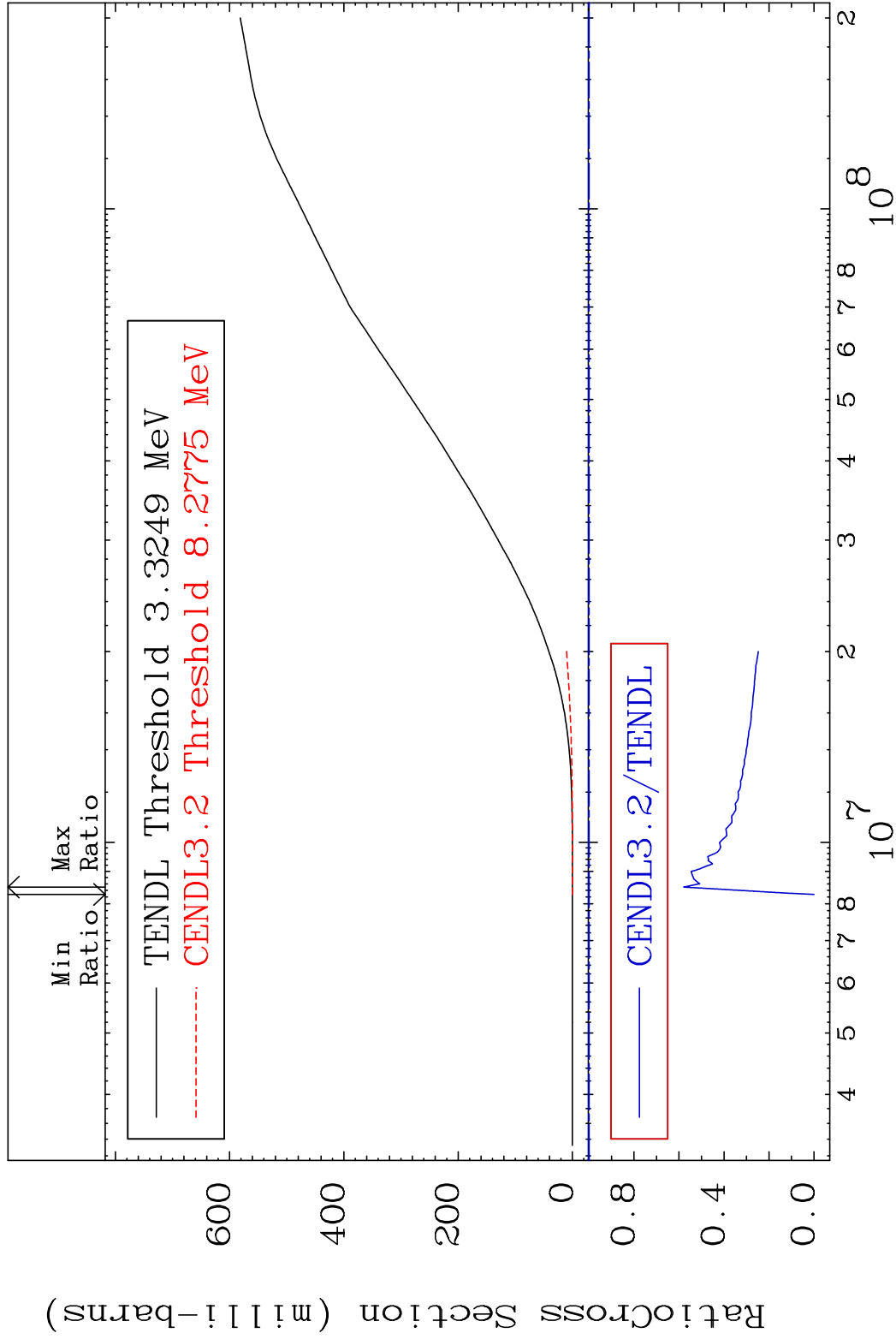
31 Incident Energy (eV) 54-Xe-134

MAT 5455 (n, α) 54-Xe-134
 Cross Section -100.0 To 557.6 %



MAT 5455

Hydrogen Production 54-Xe-134
Cross Section -100.0 To -42.07%

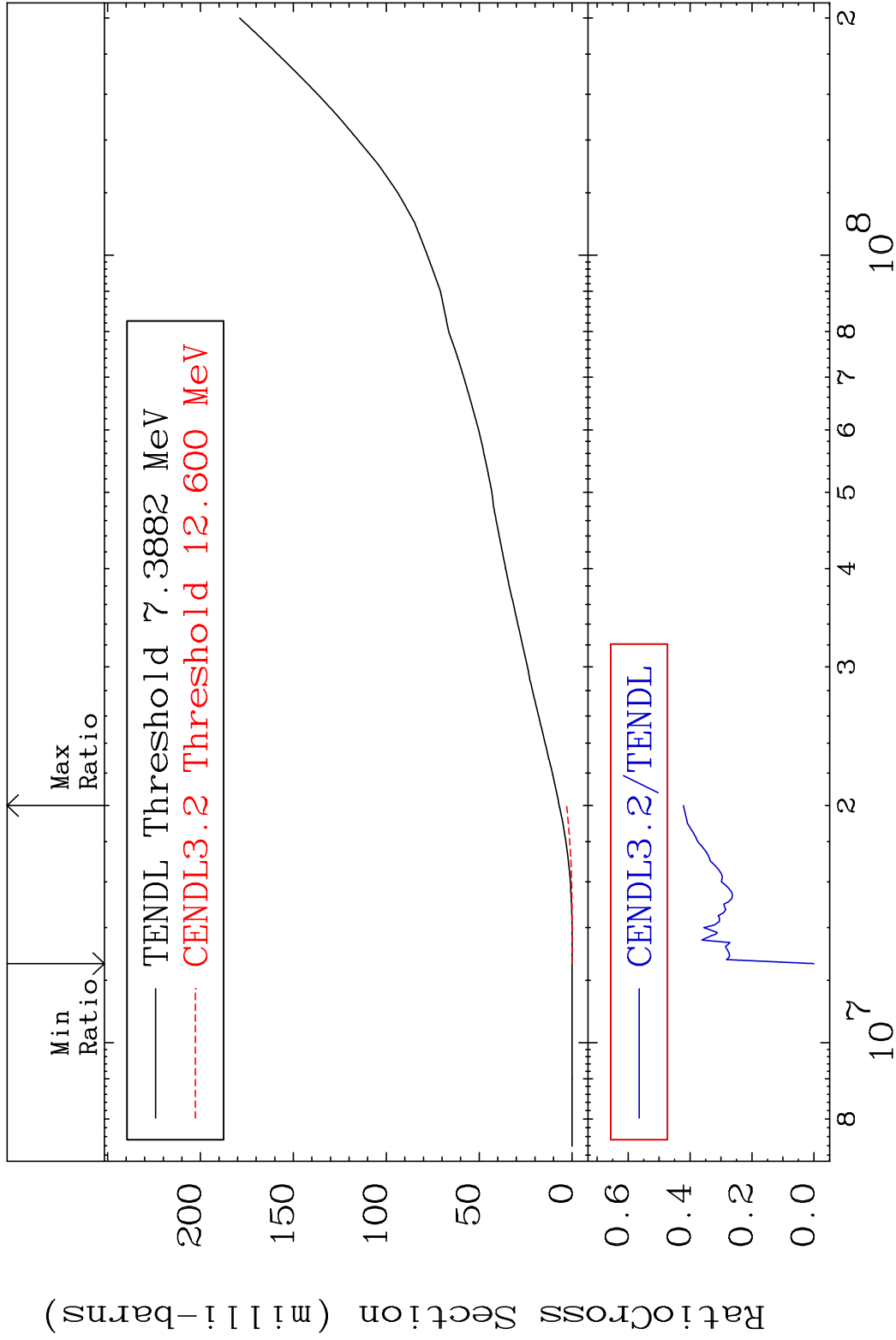


33

Incident Energy (eV)

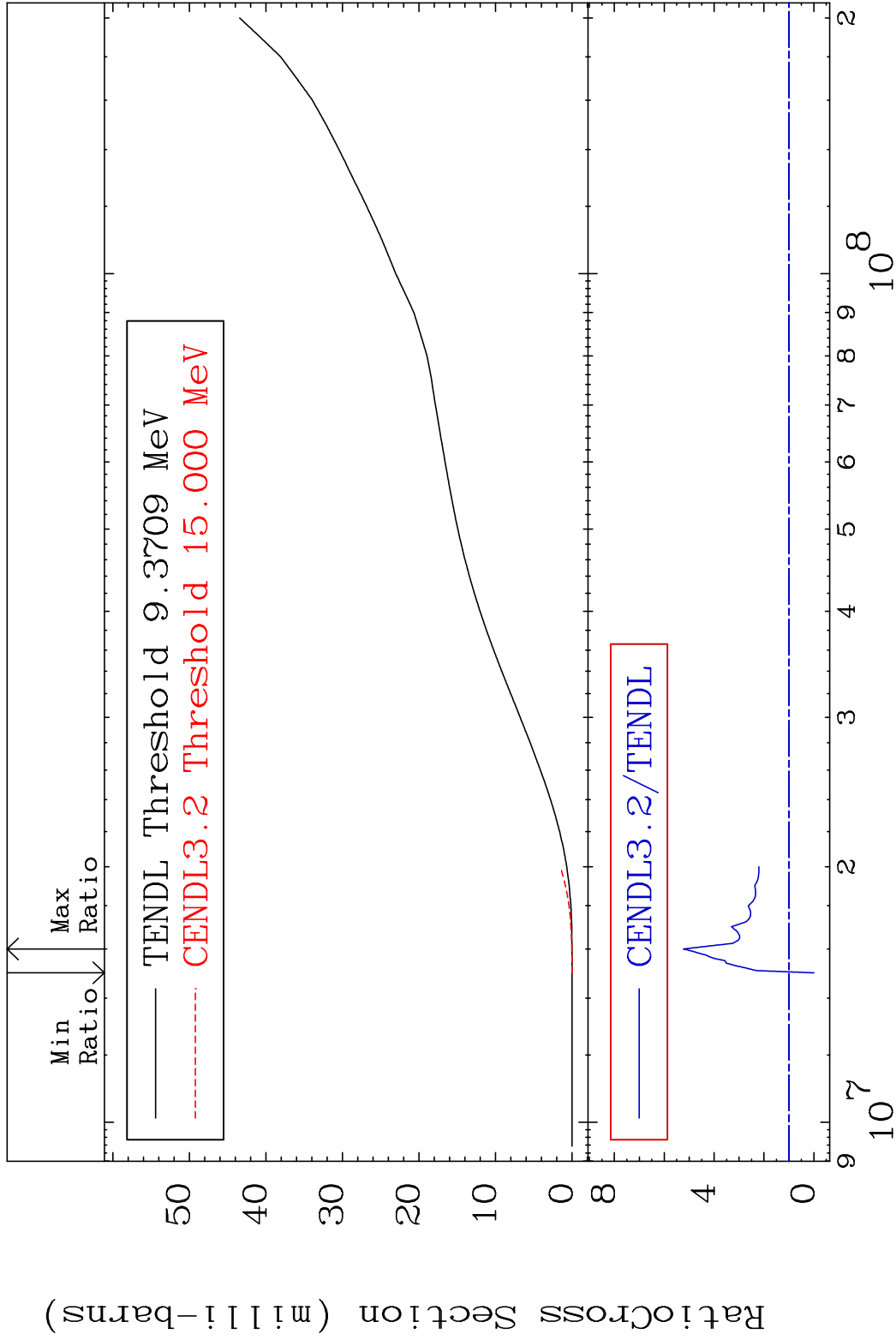
54-Xe-134

MAT 5455 Deuterium Production 54-Xe-134
 Cross Section -100.0 To -57.87%



34 Incident Energy (eV) 54-Xe-134

MAT 5455 Tritium Production 54-Xe-134
Cross Section -100.0 To 423.0 %



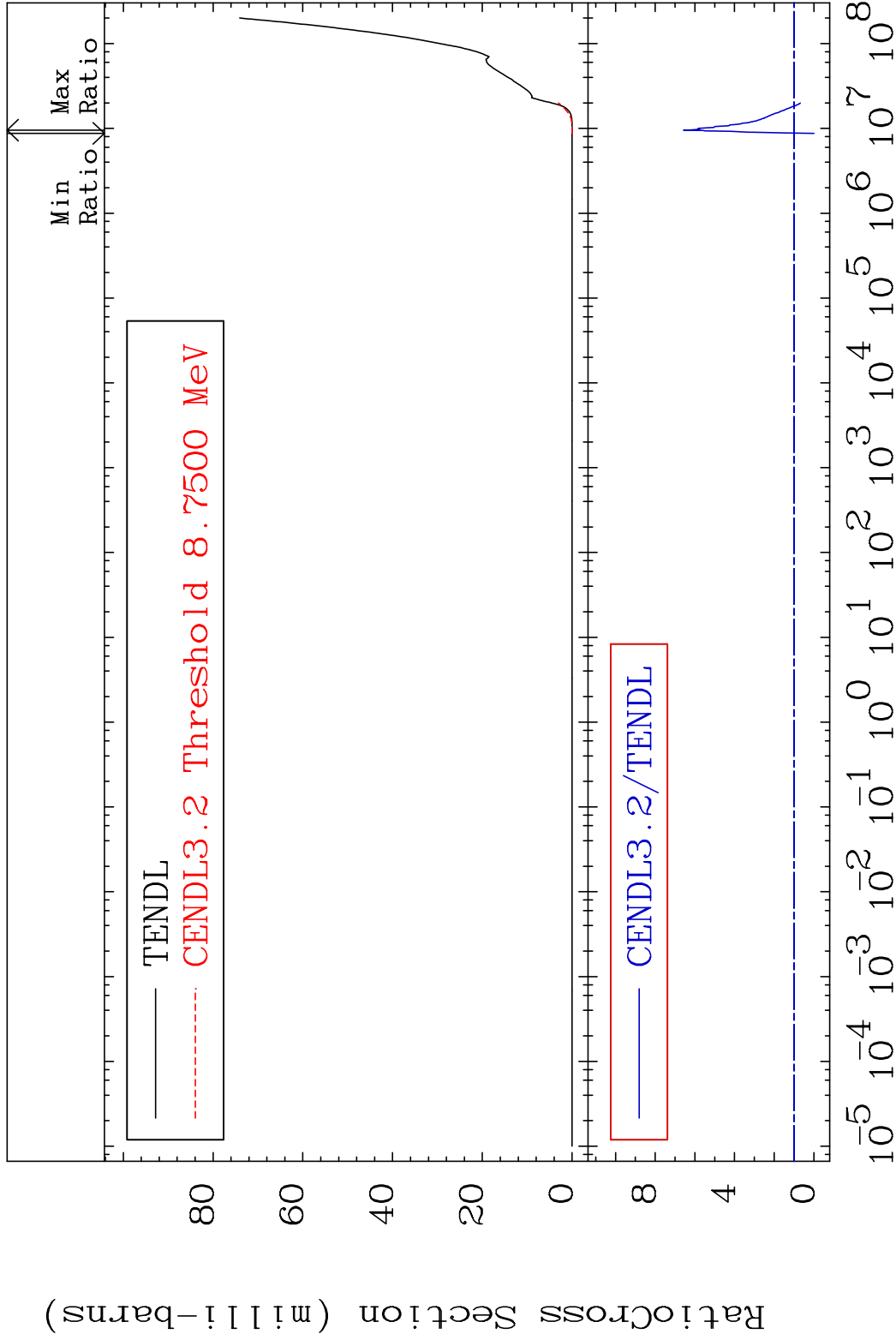
35 Incident Energy (eV) 54-Xe-134

MAT 5455

He-4 Production

54-Xe-134

Cross Section -100.0 To 557.6 %

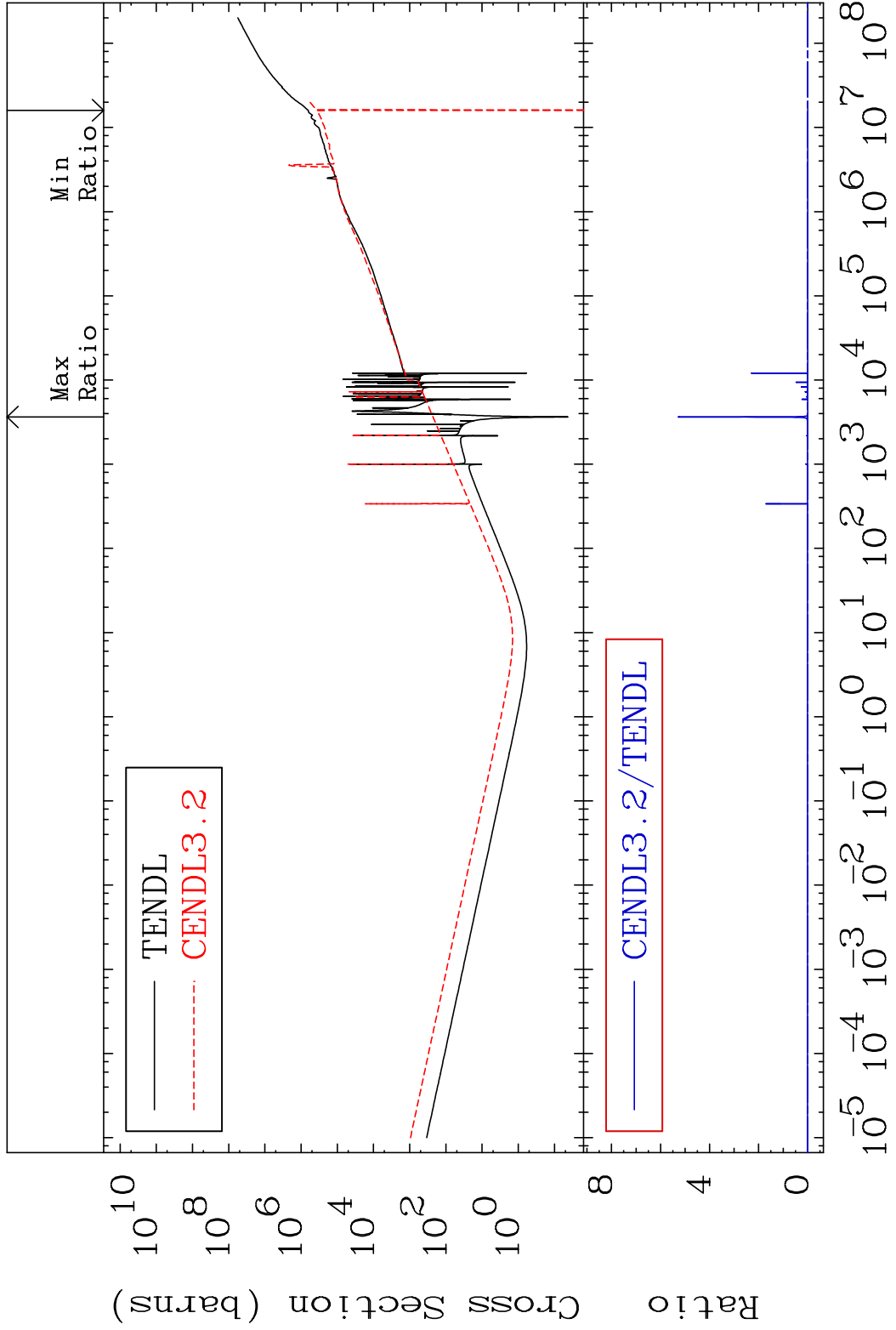


36

Incident Energy (eV)

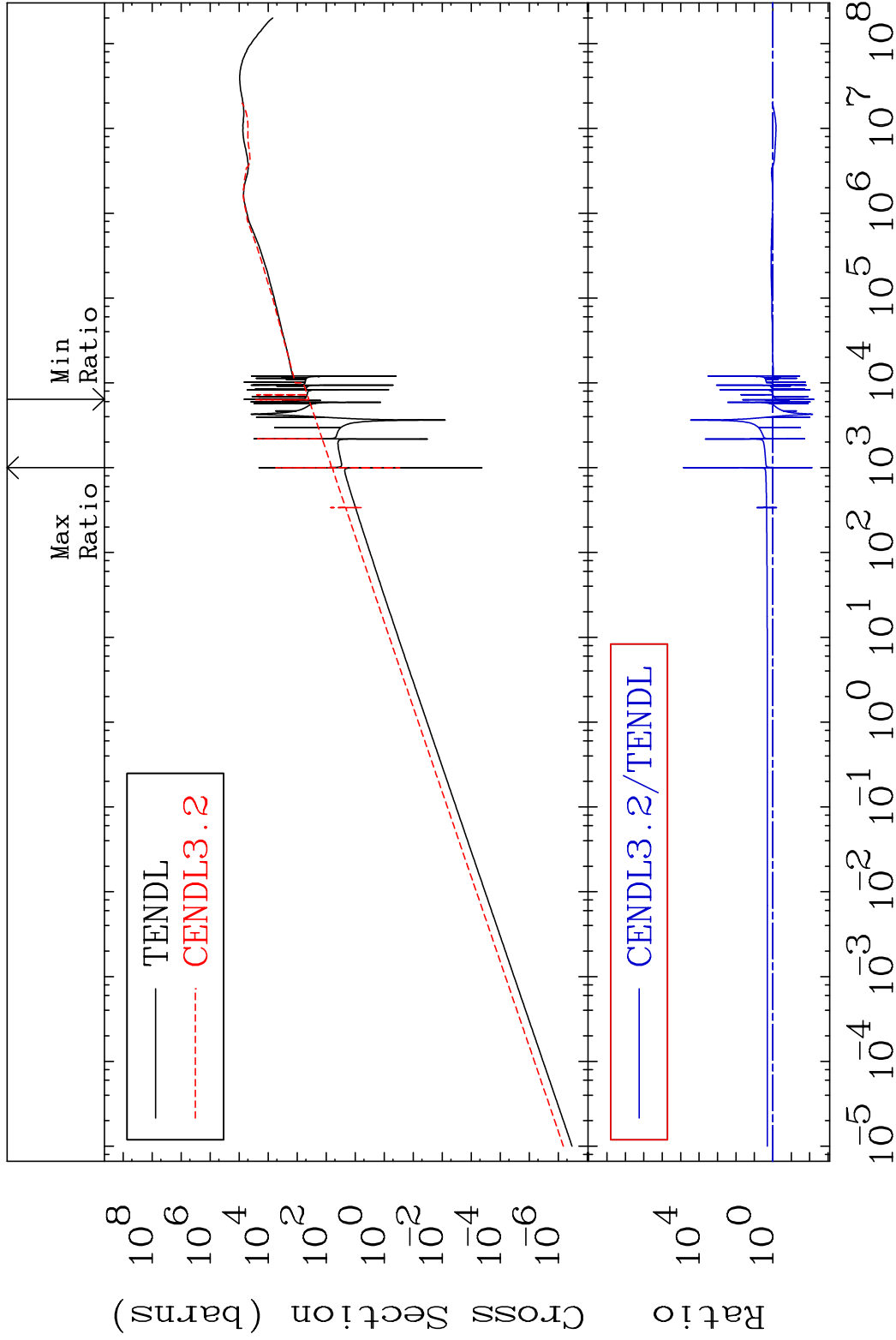
54-Xe-134

MAT 5455 Kerma total (eV-barns) 54-Xe-134
 Cross Section -171.3 To 9999. %

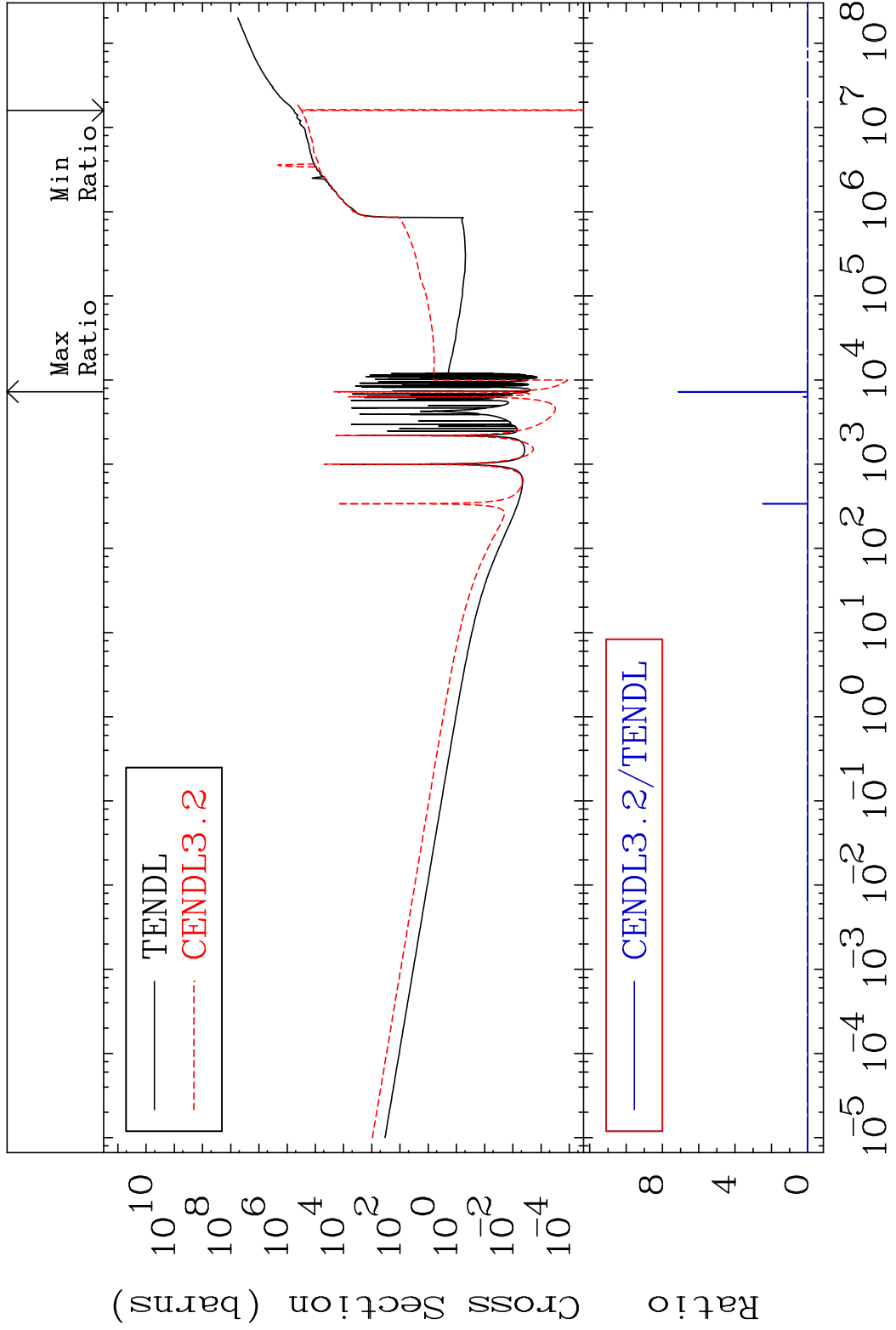


37 Incident Energy (eV) 54-Xe-134

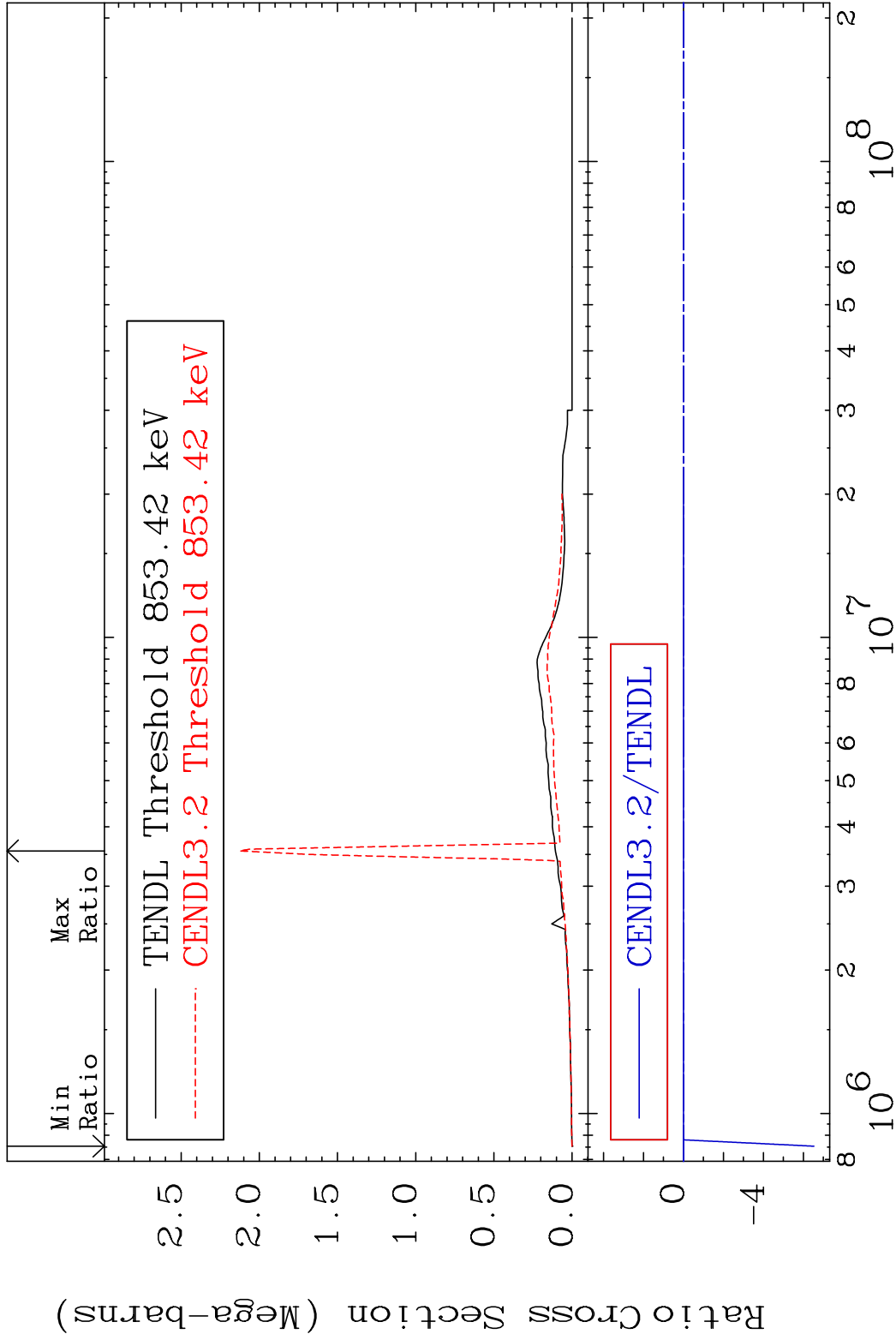
MAT 5455 Kerma elastic 54-Xe-134
 Cross Section -99.41 To 9999. %



MAT 5455 Kerma non-elastic (all but mt2) 54-Xe-134
 Cross Section -190.6 To 9999. %

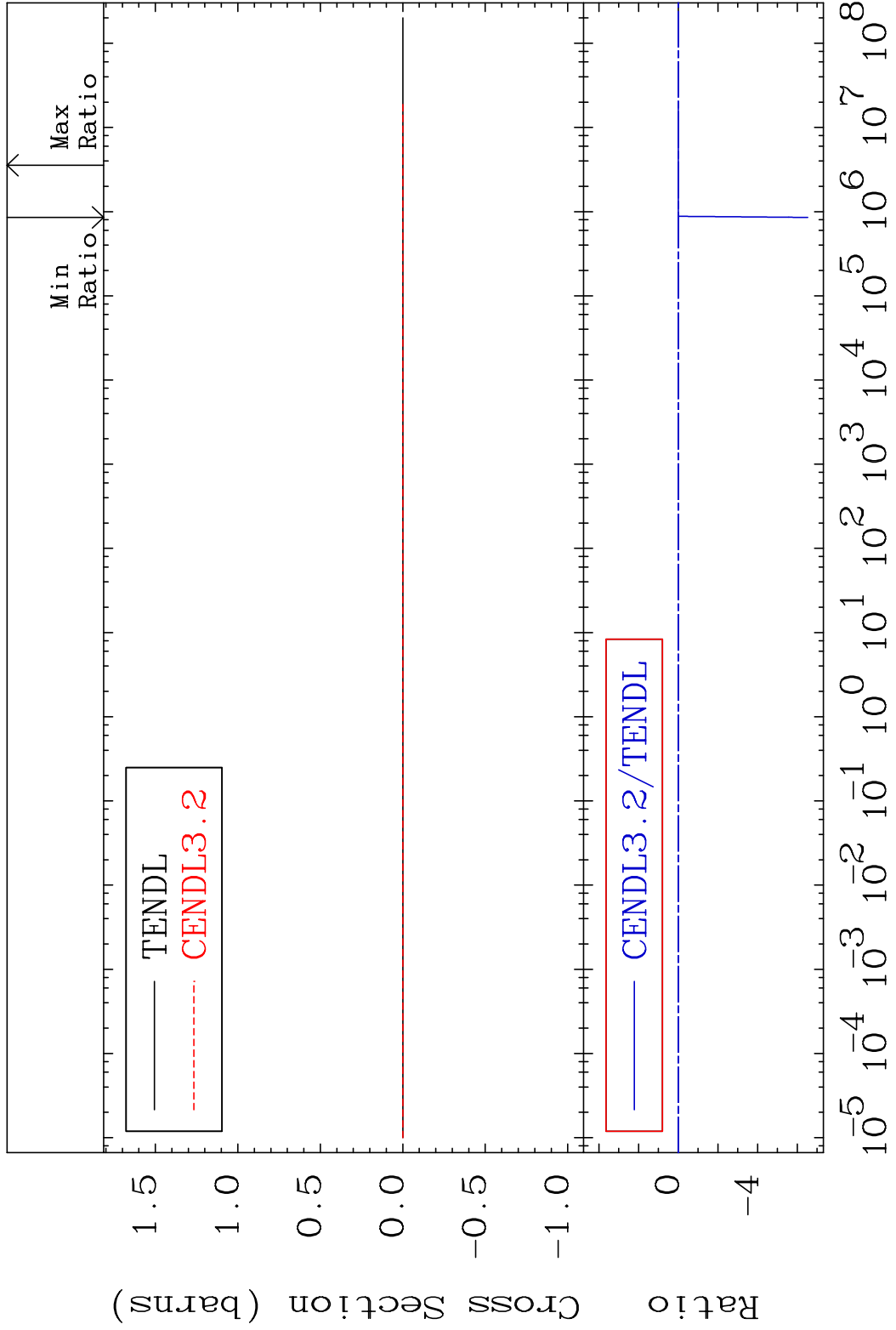


MAT 5455 Kerma inelastic (mt51-91) 54-Xe-134
 Cross Section -9999. To 1893. %

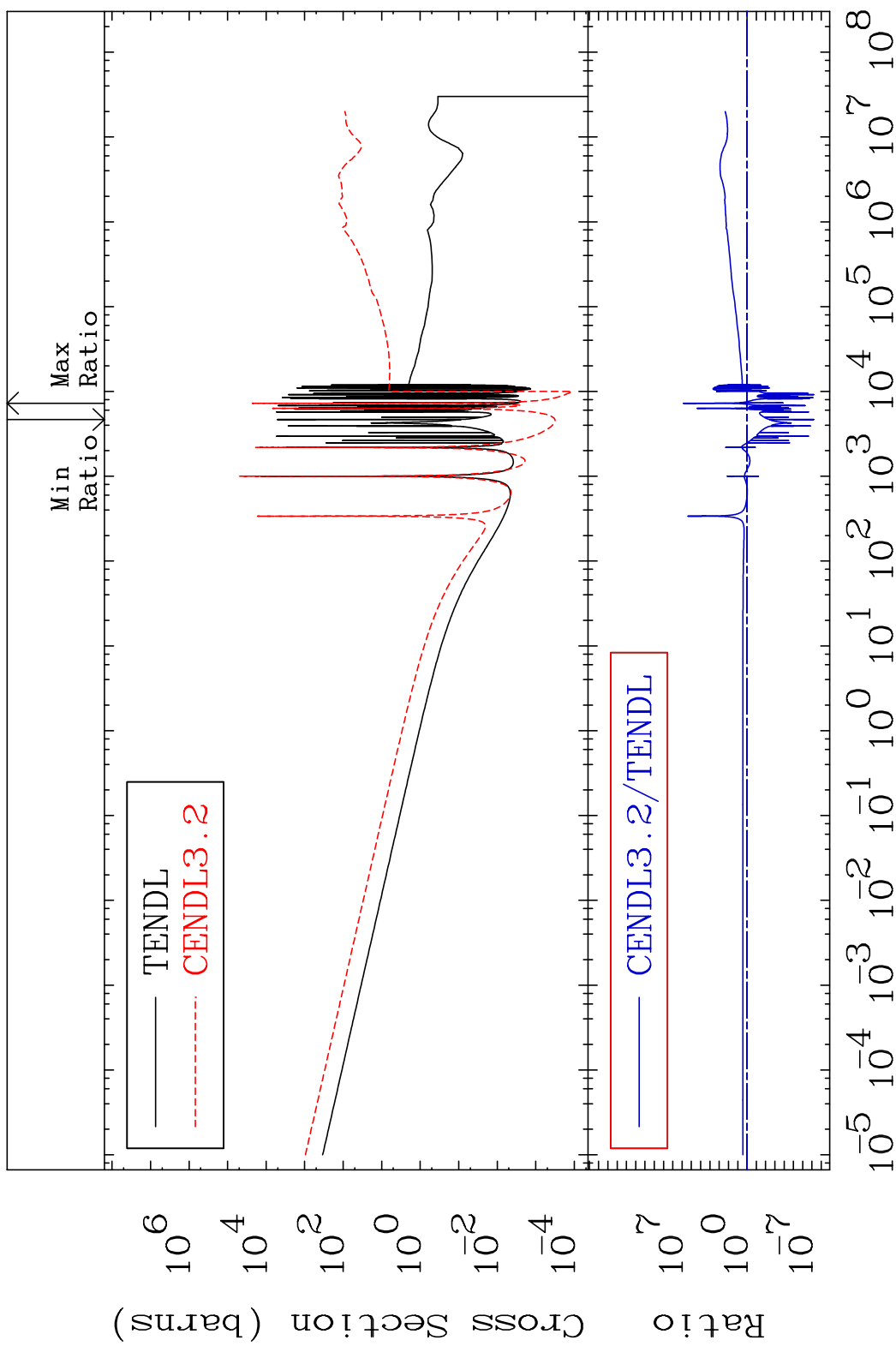


40 Incident Energy (eV) 54-Xe-134

MAT 5455 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-134
 Cross Section -9999. To 1893. %

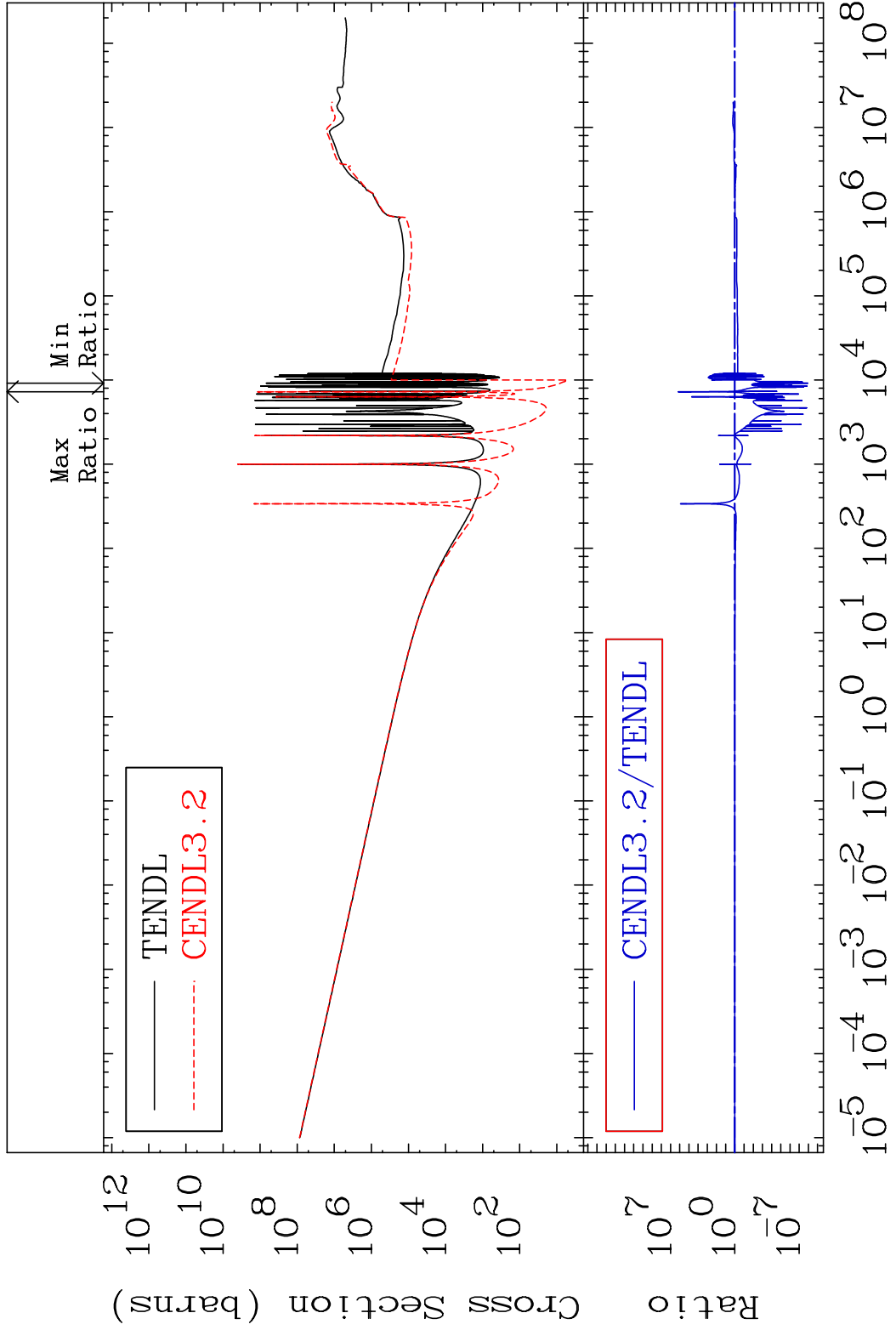


MAT 5455 Kerma capture (mt102) 54-Xe-134
 Cross Section -100.0 To 9999. %



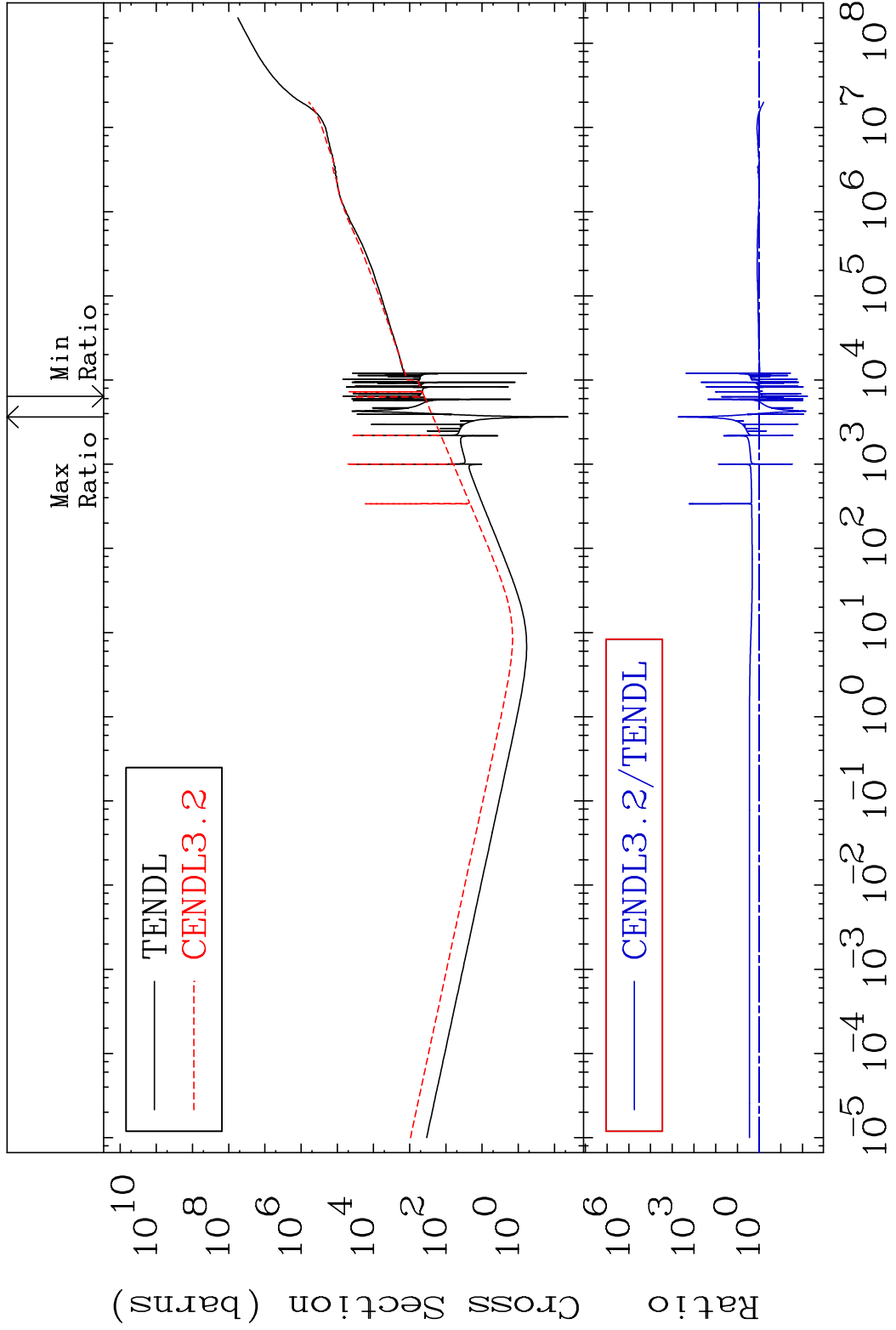
42 Incident Energy (eV) 54-Xe-134

MAT 5455 Total photon (eV-barns) 54-Xe-134
 Cross Section -100.0 To 9999. %

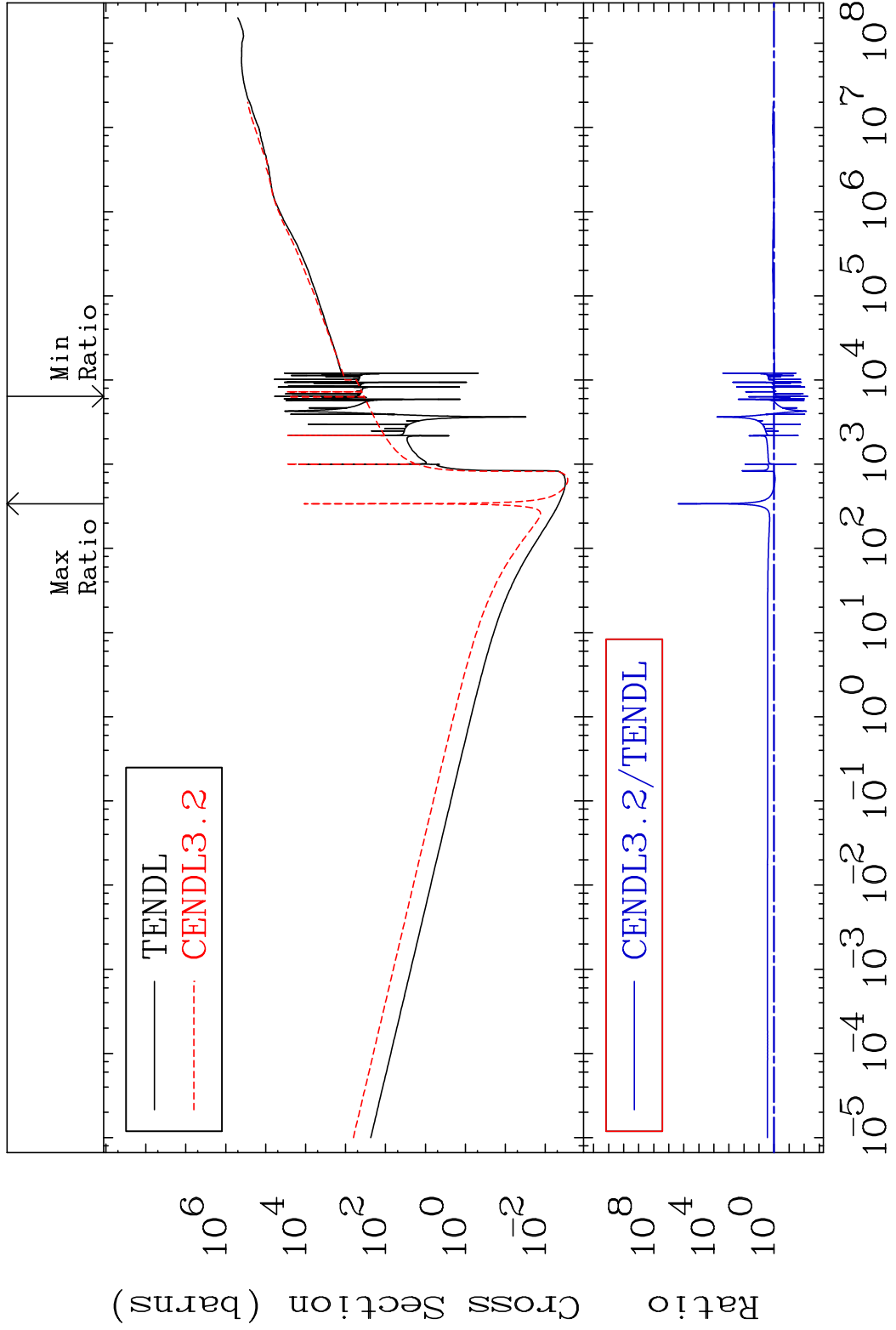


43 Incident Energy (eV) 54-Xe-134

MAT 5455 Total kinematic kerma (high limit) 54-Xe-134
 Cross Section -99.42 To 9999. %

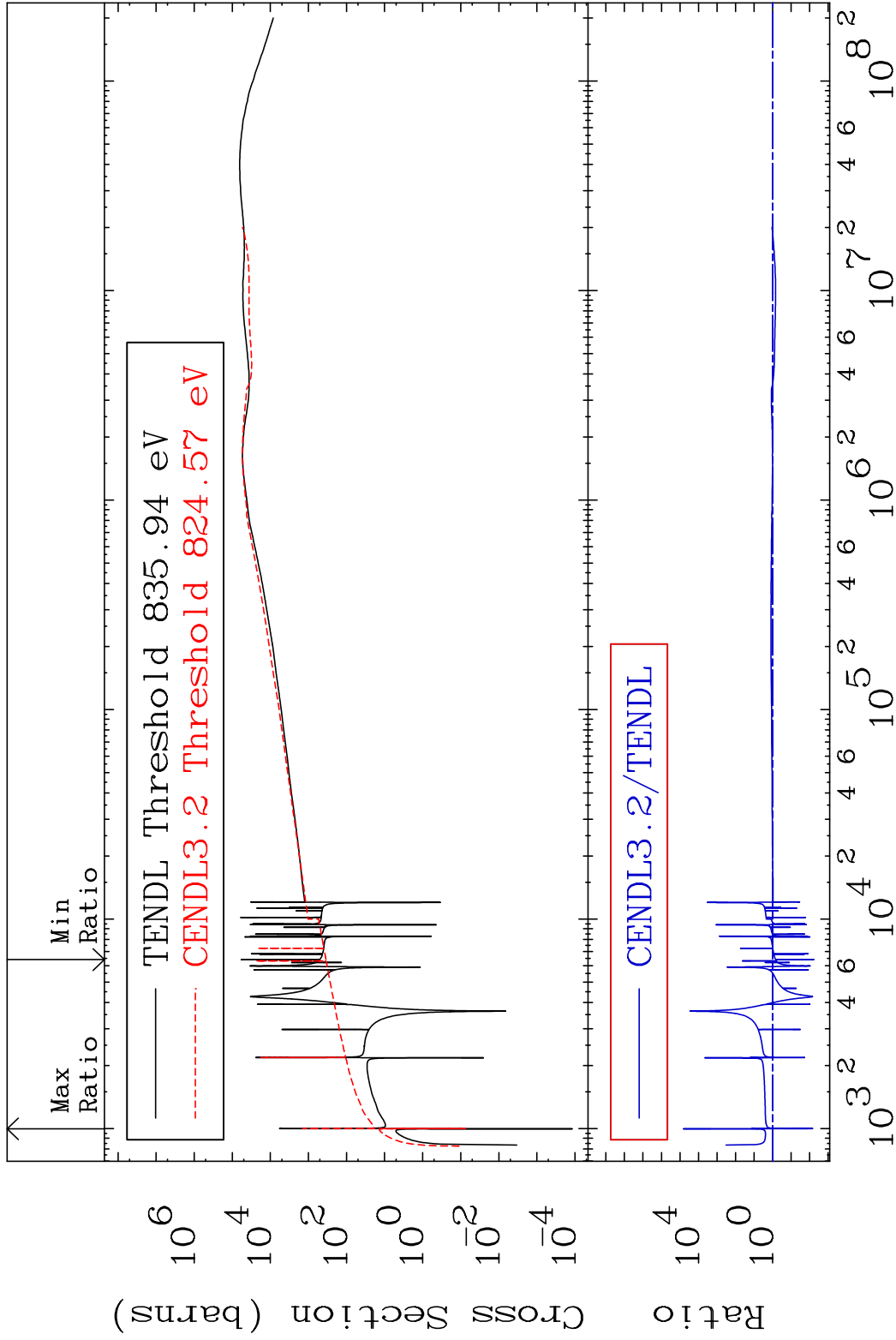


MAT 5455 Dpa total (eV-barns) 54-Xe-134
 Cross Section -99.42 To 9999. %



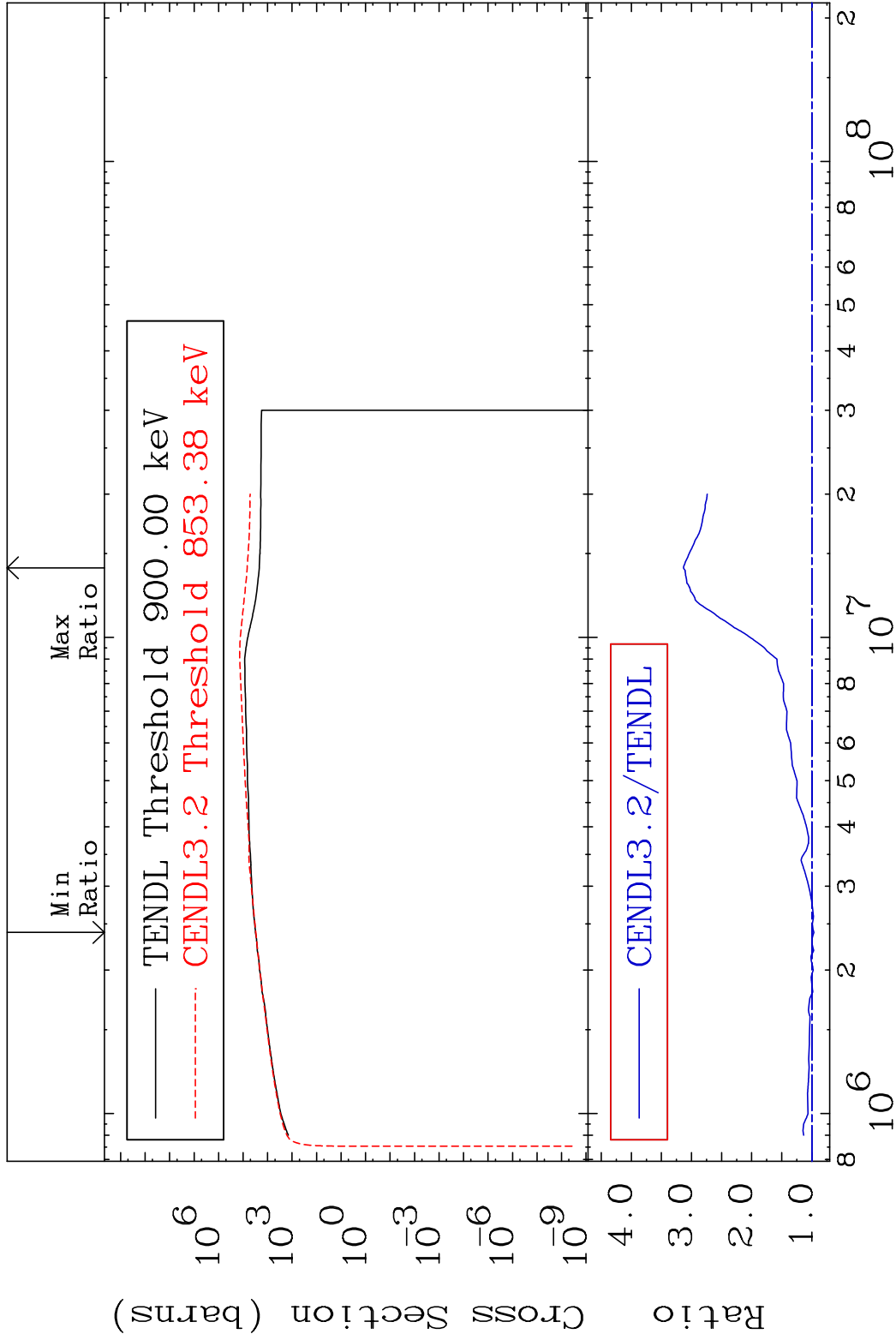
45 Incident Energy (eV) 54-Xe-134

MAT 5455 Dpa elastic (mt2) 54-Xe-134
 Cross Section -99.41 To 9999. %



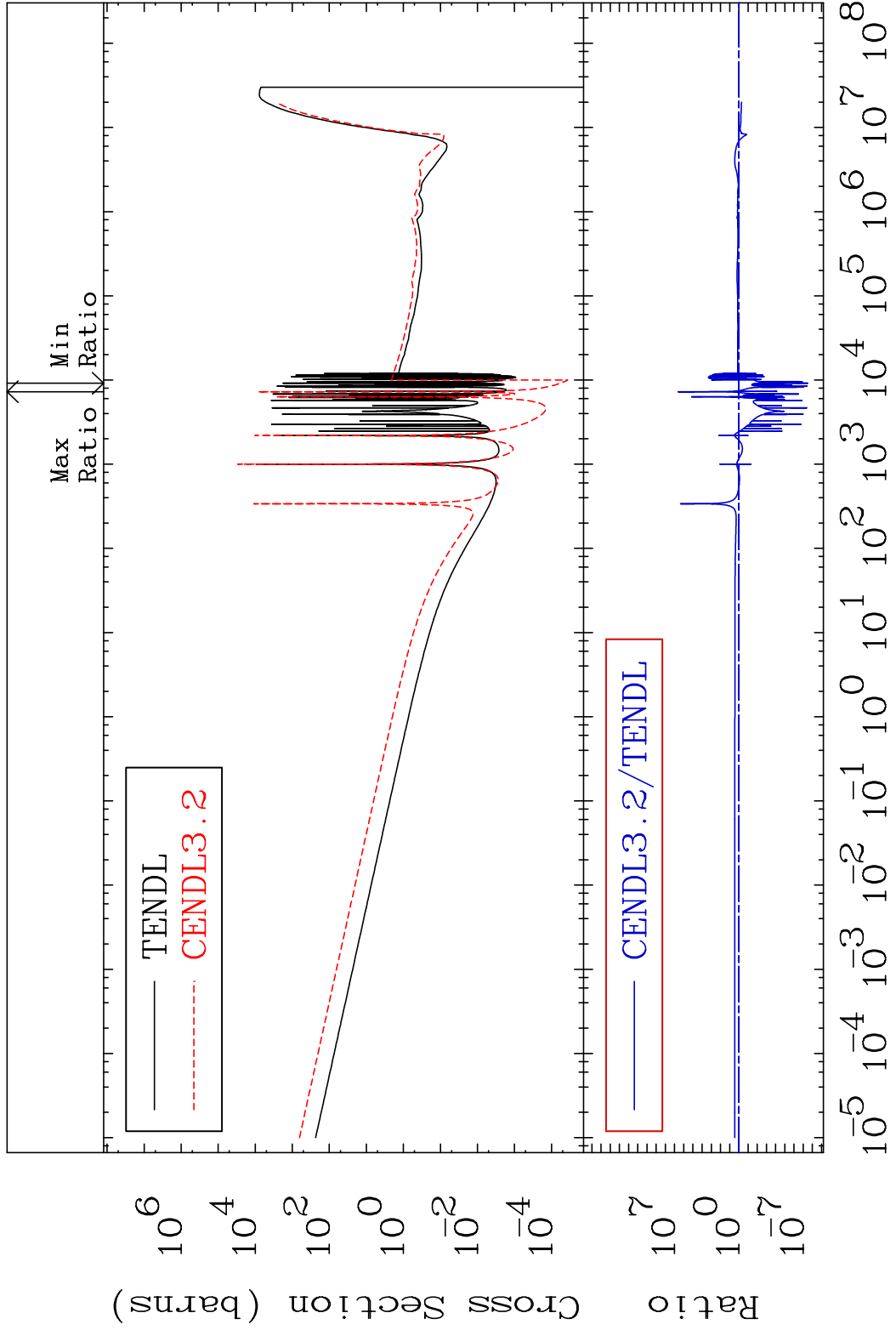
46 Incident Energy (eV) 54-Xe-134

MAT 5455 Dpa inelastic (mt51-91) 54-Xe-134
 Cross Section -3.437 To 213.4 %



47 Incident Energy (eV) 54-Xe-134

MAT 5455 Dpa disappearance (mt102 -120) 54-Xe-134
 Cross Section -100.0 To 9999. %



48 Incident Energy (eV) 54-Xe-134