

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

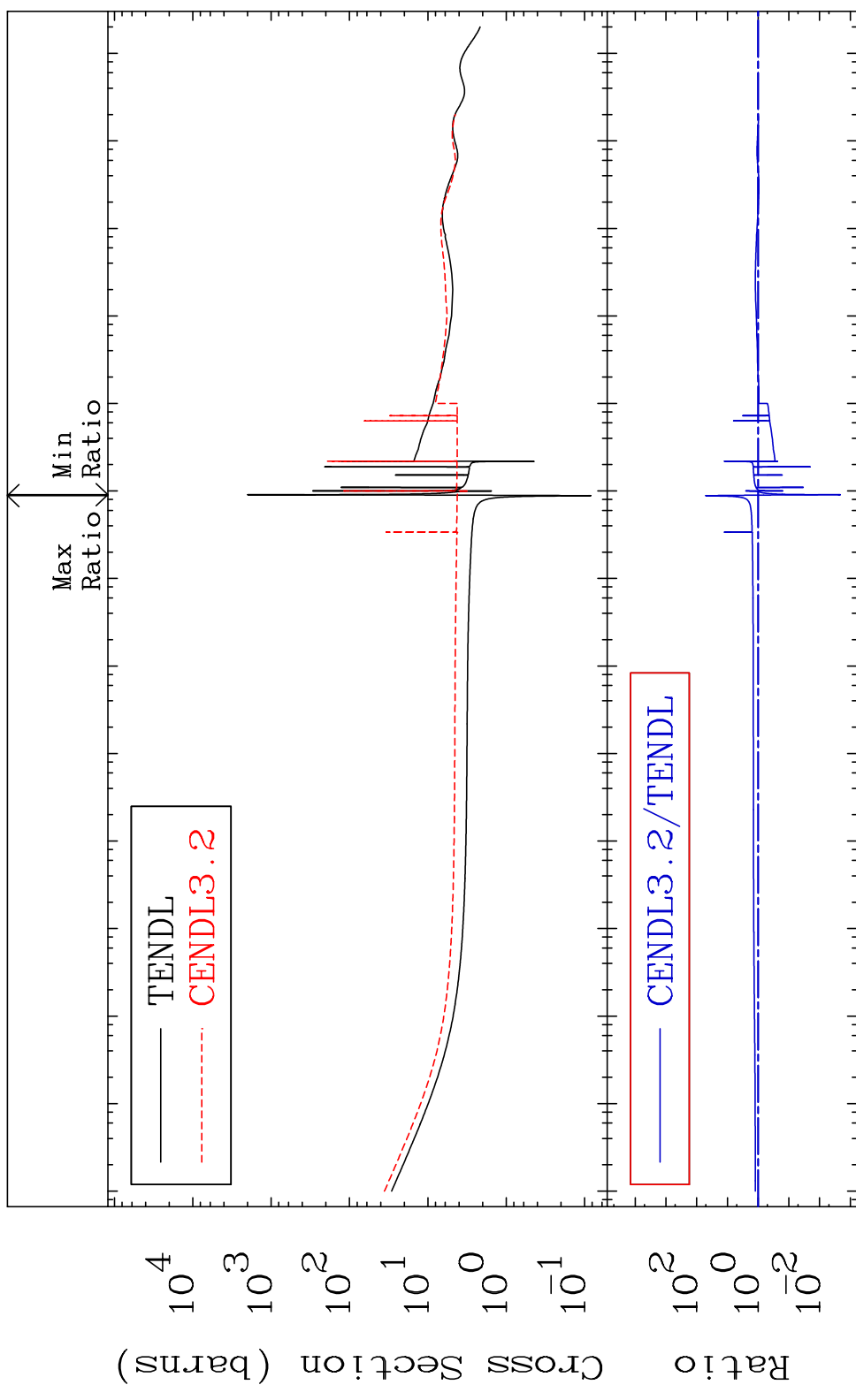
MAT 5455

Total

54-Xe-134

Cross Section

-99.79 To 4956. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

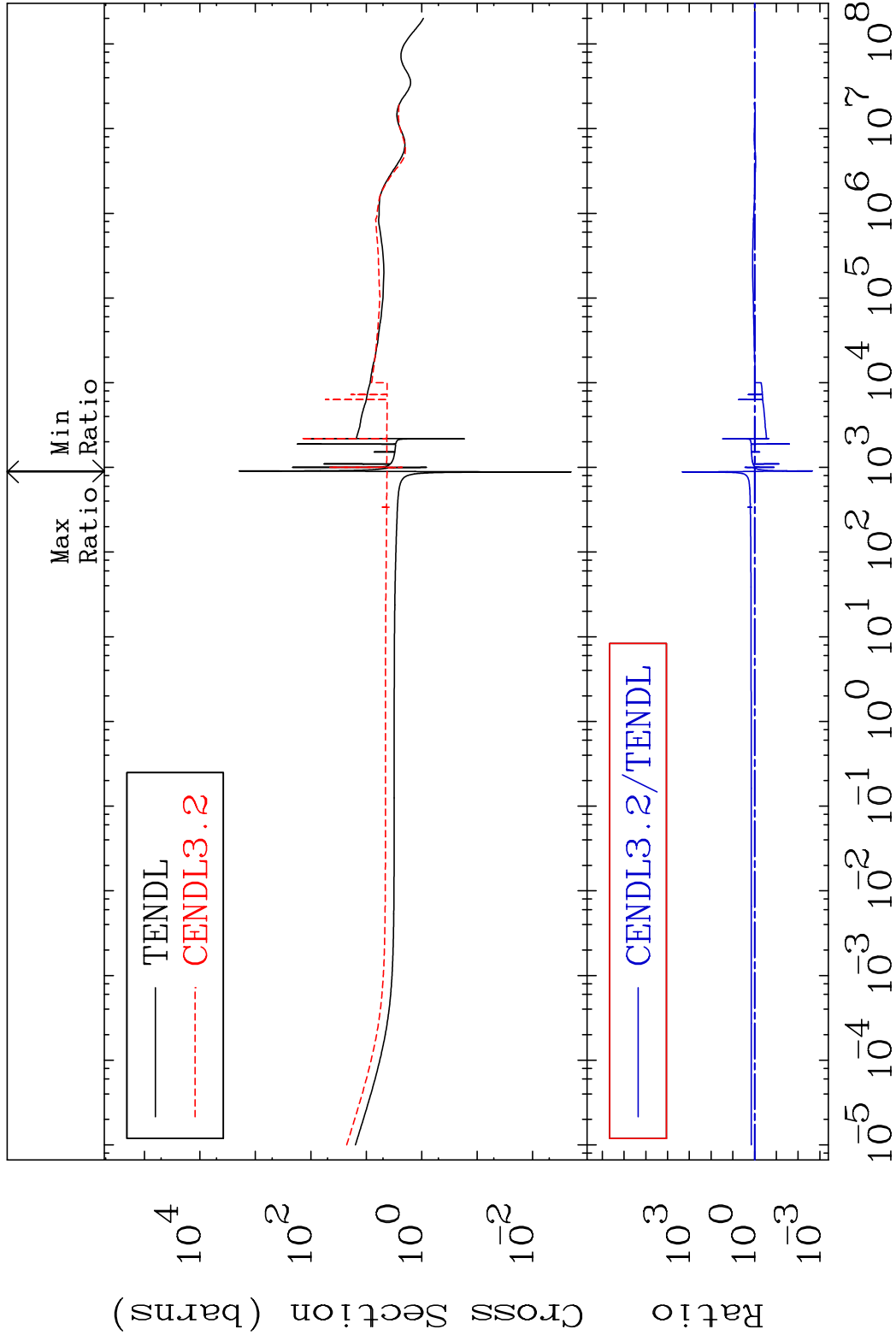
54-Xe-134

MAT 5455

Elastic

54-Xe-134

Cross Section -99.78 To 9999. %



2

Incident Energy (eV)

54-Xe-134

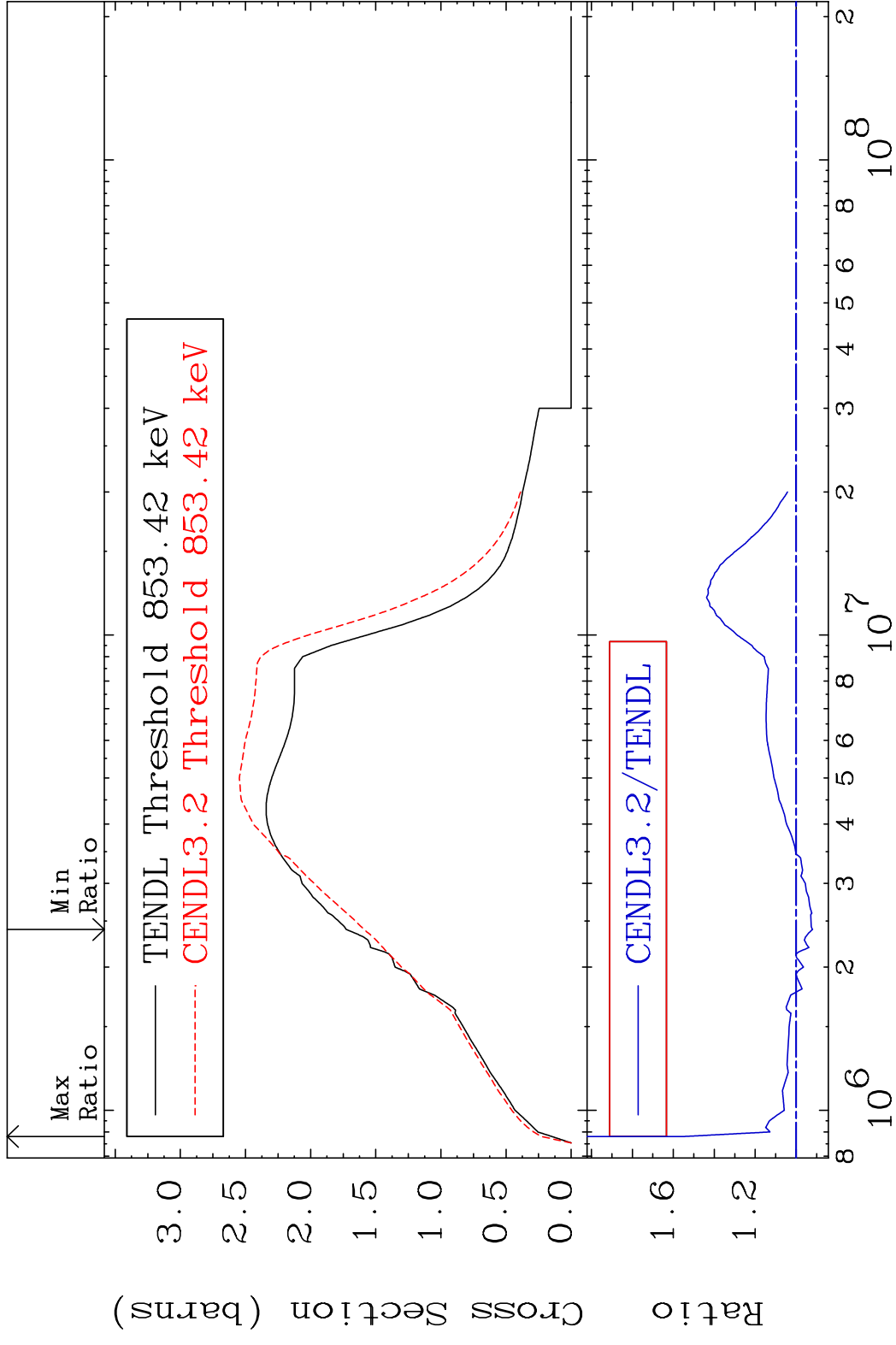
MAT 5455

Inelastic

54-Xe-134

Cross Section

-8.005 To 55.59 %



3

Incident Energy (eV)

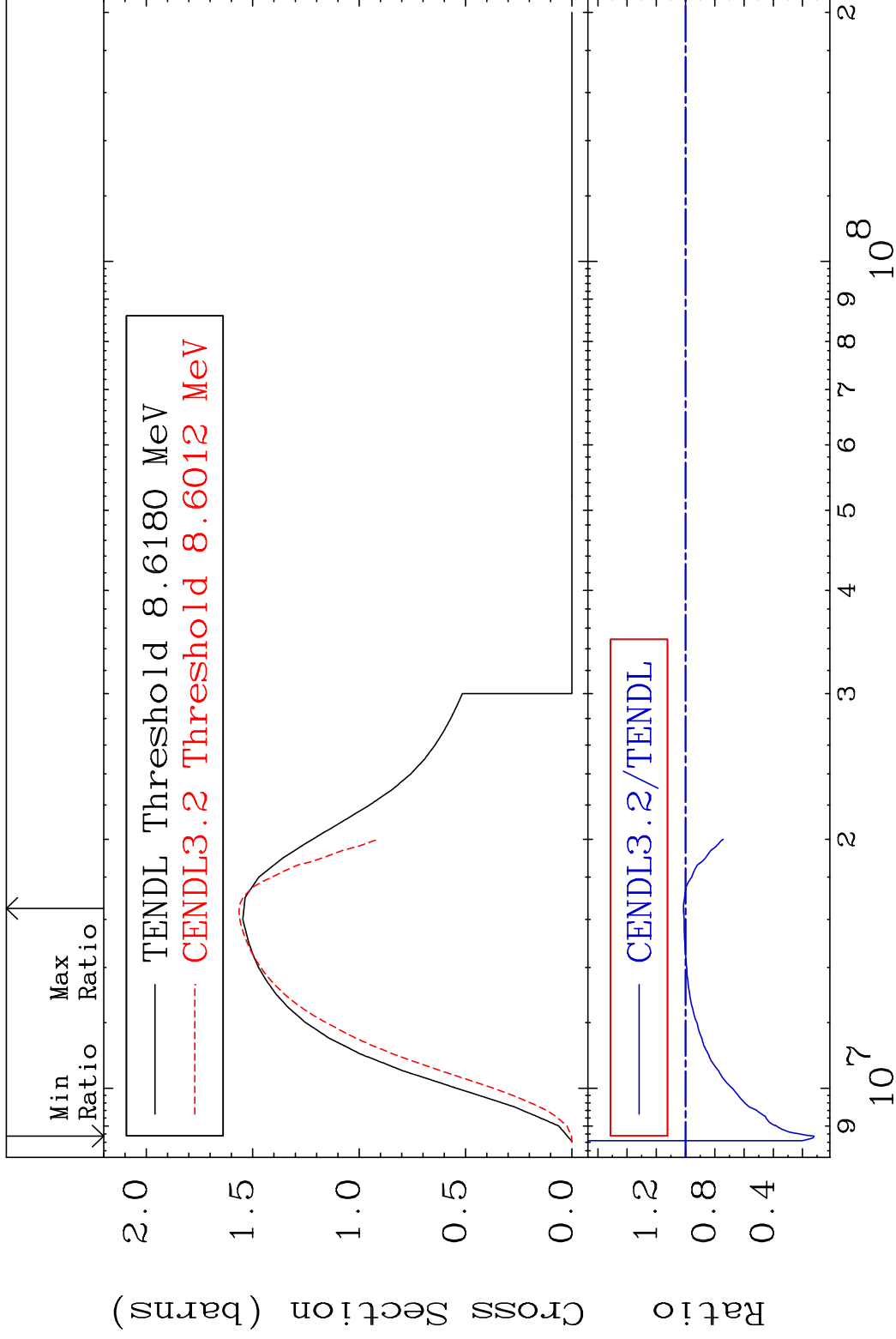
54-Xe-134

MAT 5455

(n,2n)

54-Xe-134

Cross Section -87.87 To 1.441 %



4

Incident Energy (eV)

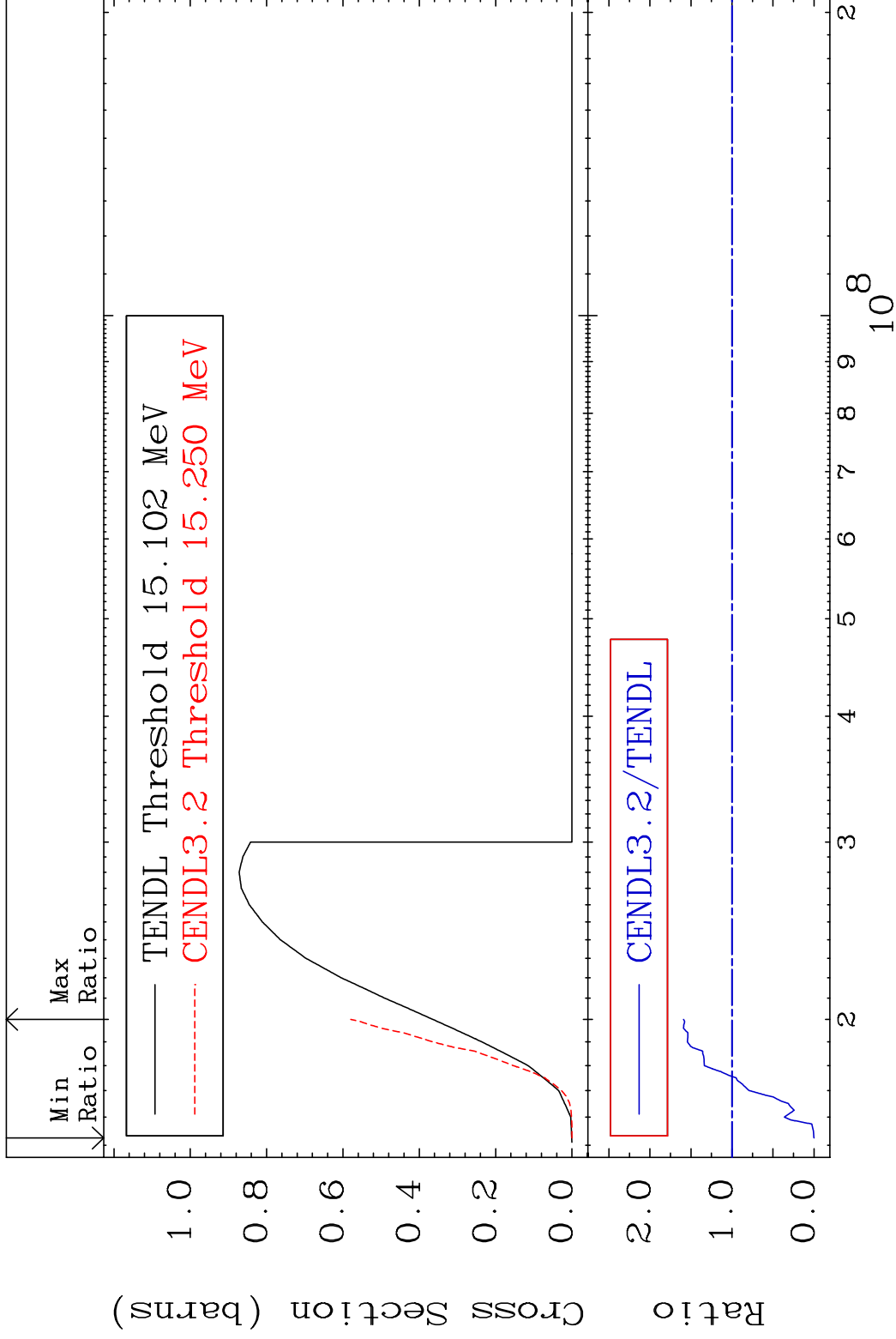
54-Xe-134

MAT 5455

(n,3n)

54-Xe-134

Cross Section -100.0 To 59.16 %



5

Incident Energy (eV)

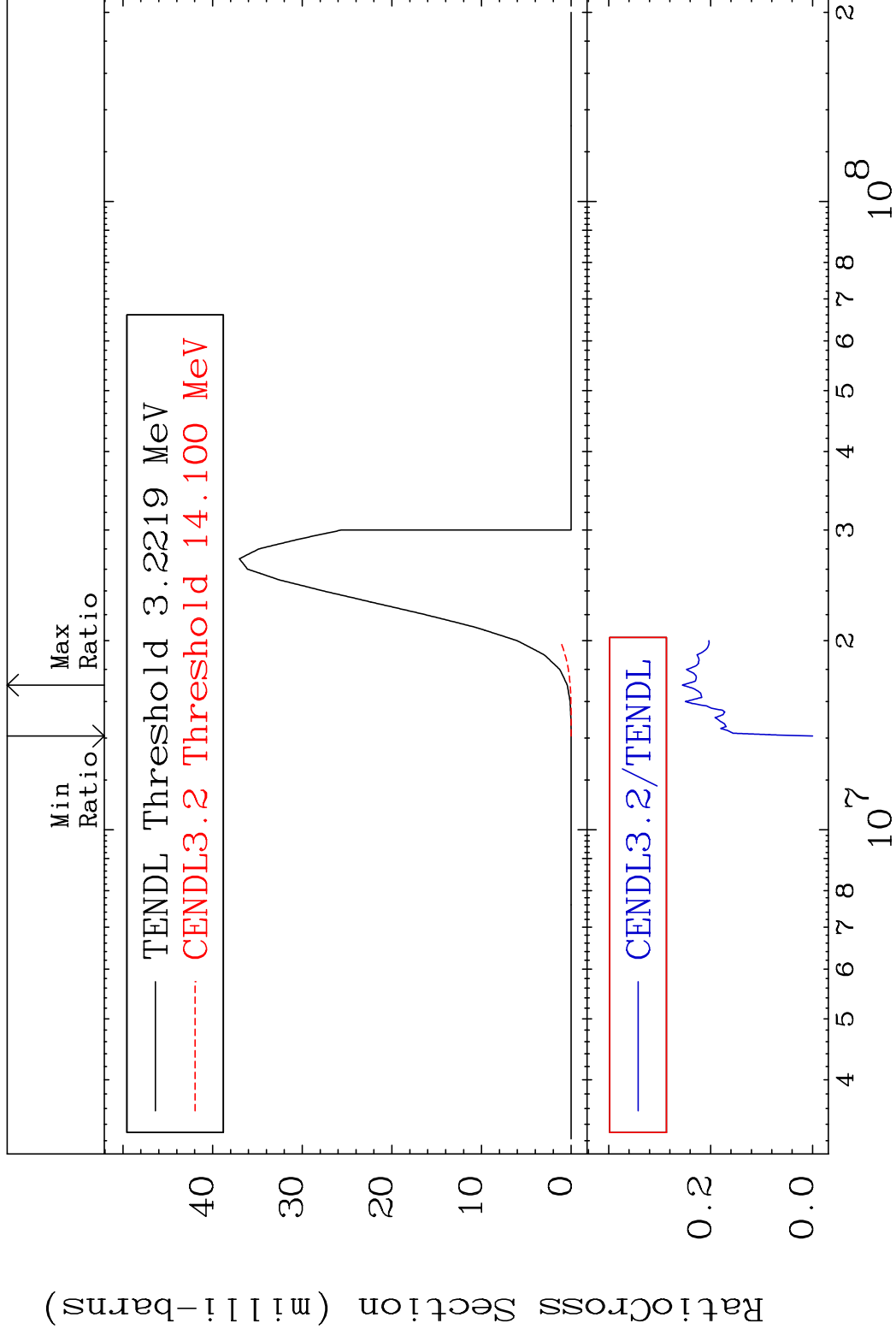
54-Xe-134

MAT 5455

(n, n') α

54-Xe-134

Cross Section -100.0 To -74.45%



6

Incident Energy (eV)

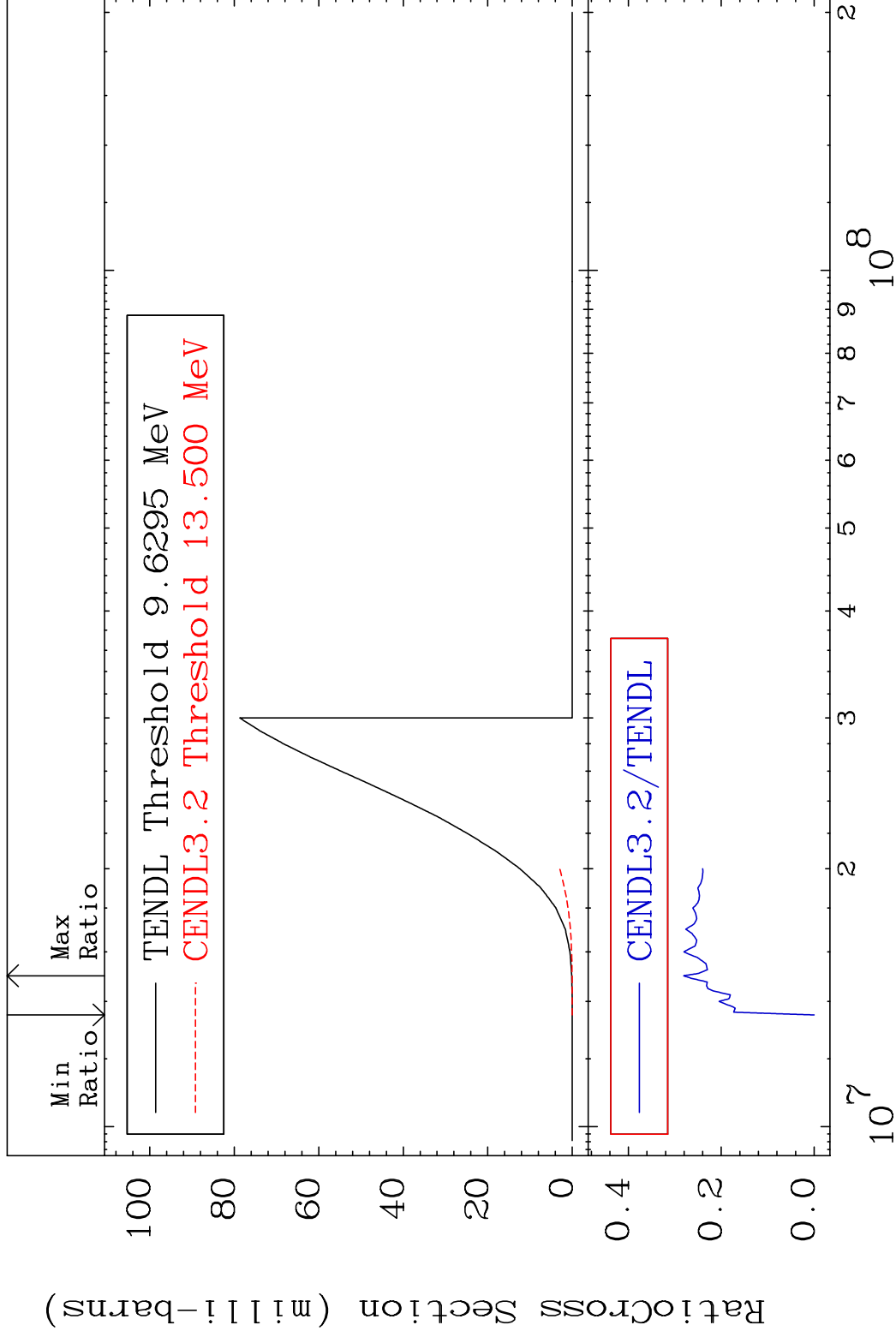
54-Xe-134

MAT 5455

(n, n') p

54-Xe-134

Cross Section -100.0 To -71.89%

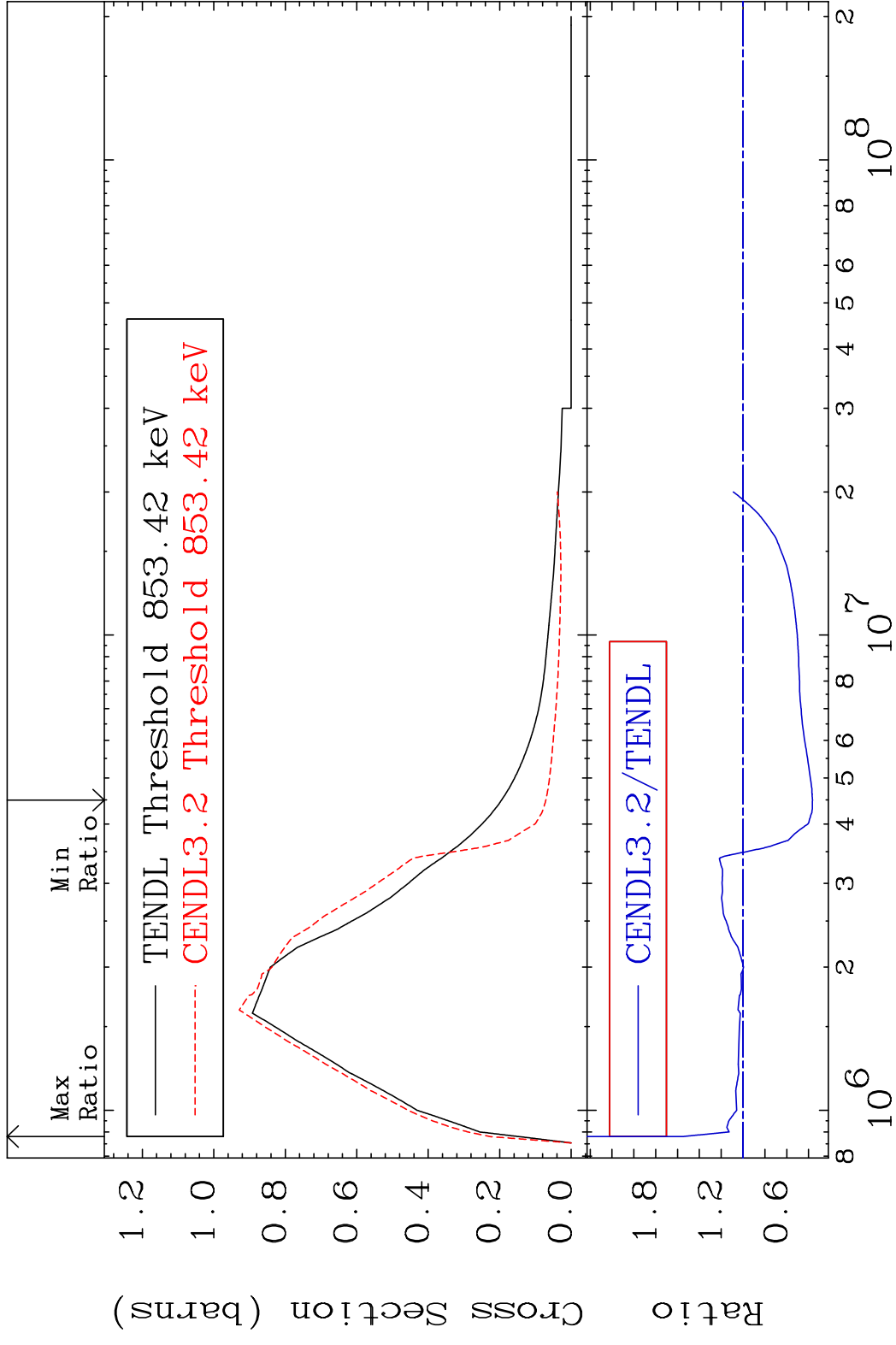


7

Incident Energy (eV)

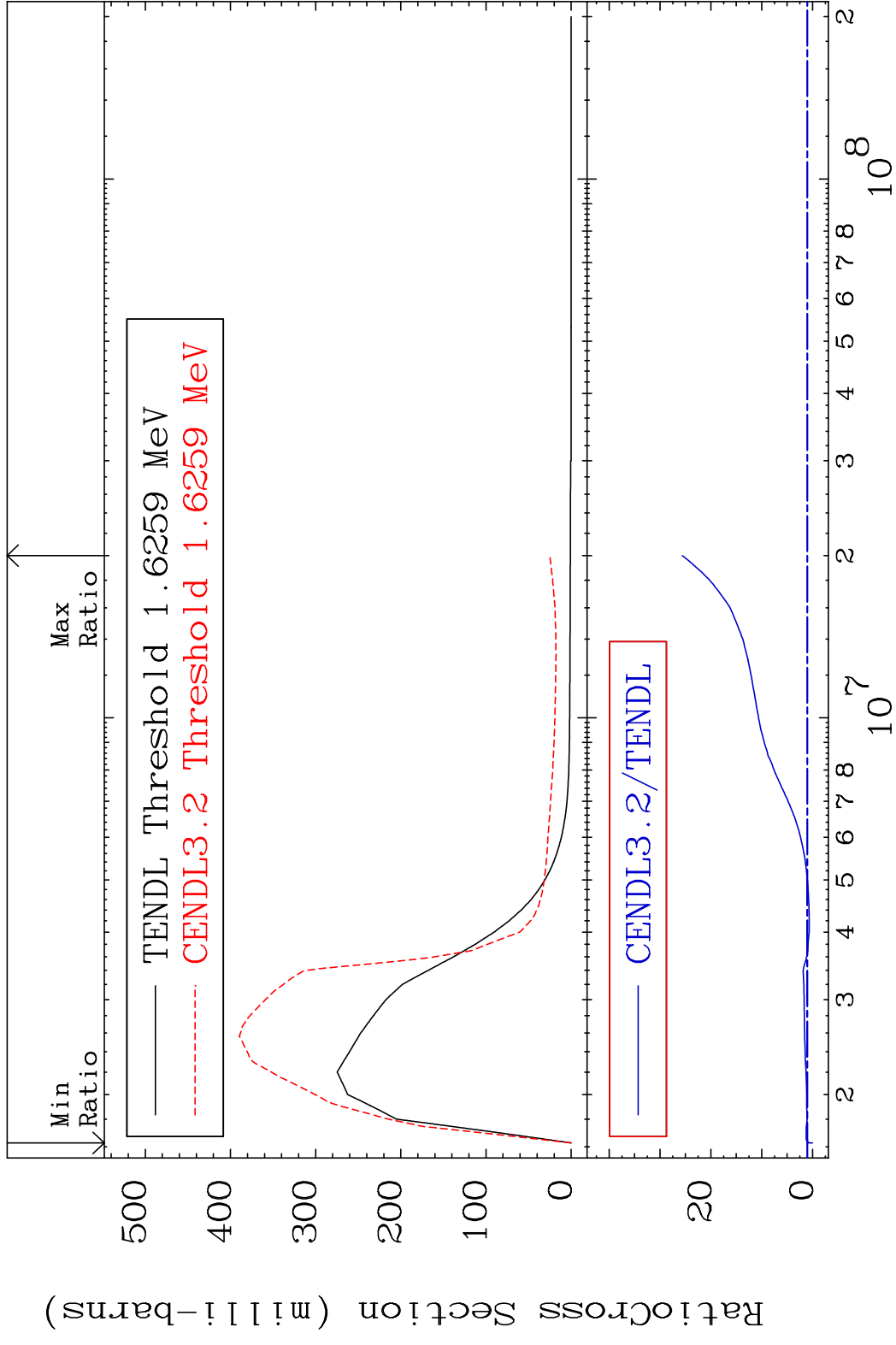
54-Xe-134

MAT 5455 MT= 51 (n, n') Level 54-Xe-134
 Cross Section -63.65 To 55.59 %

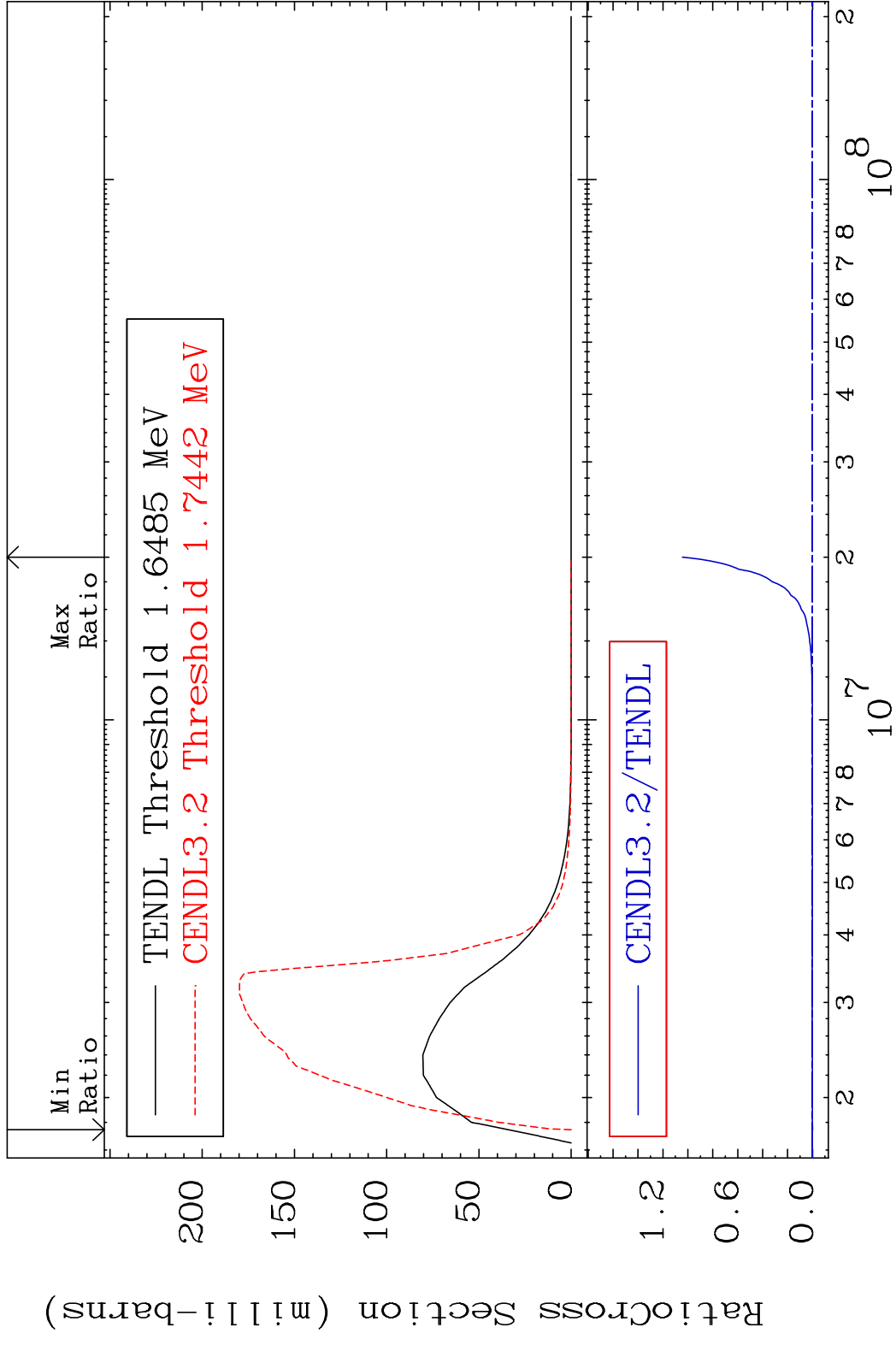


8 10⁶ 2 3 4 5 6 8 10⁷ 8 10⁸ 54-Xe-134

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

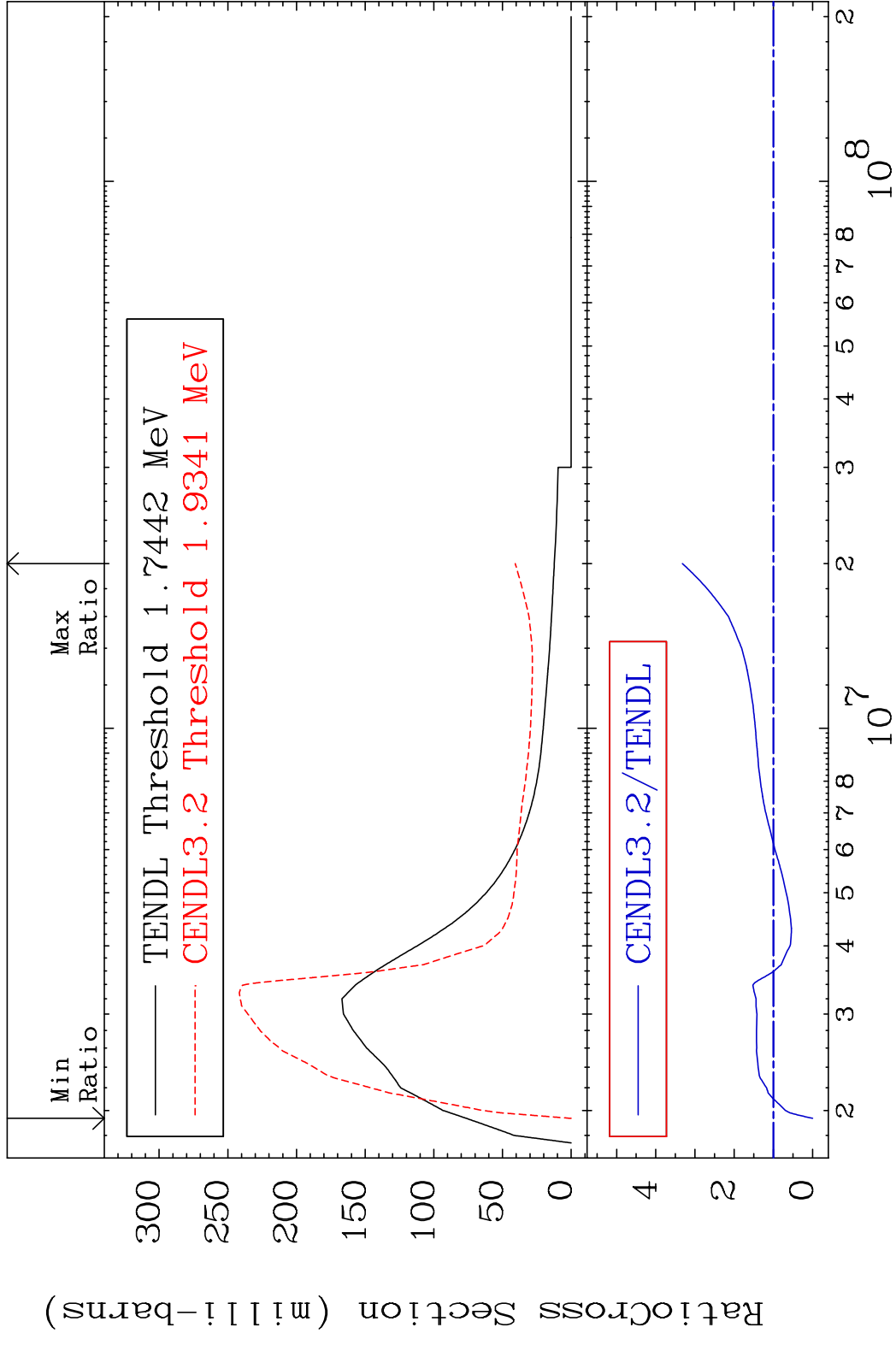


MAT 5455 MT= 53 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %

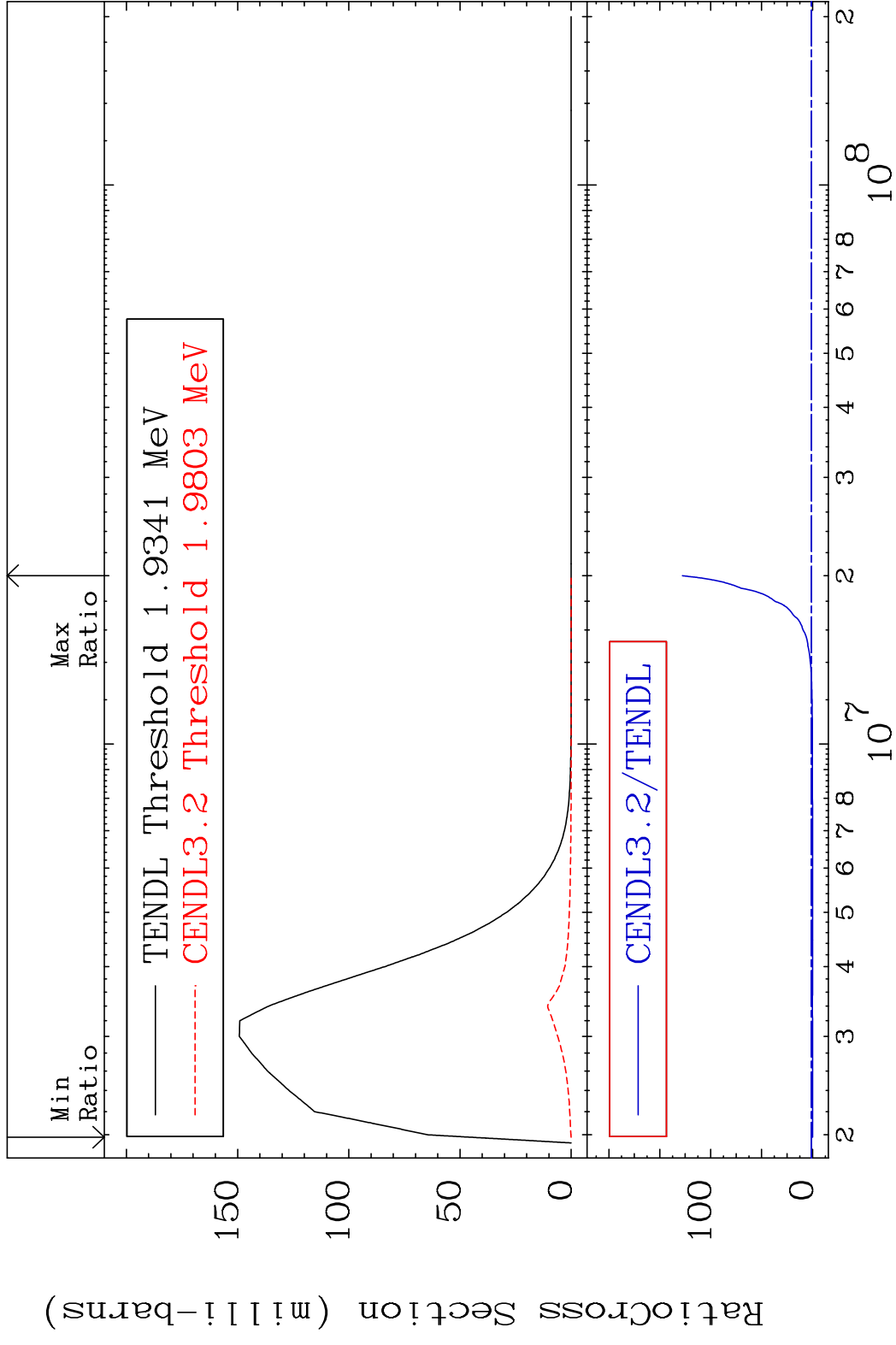


10 Incident Energy (eV) 54-Xe-134

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

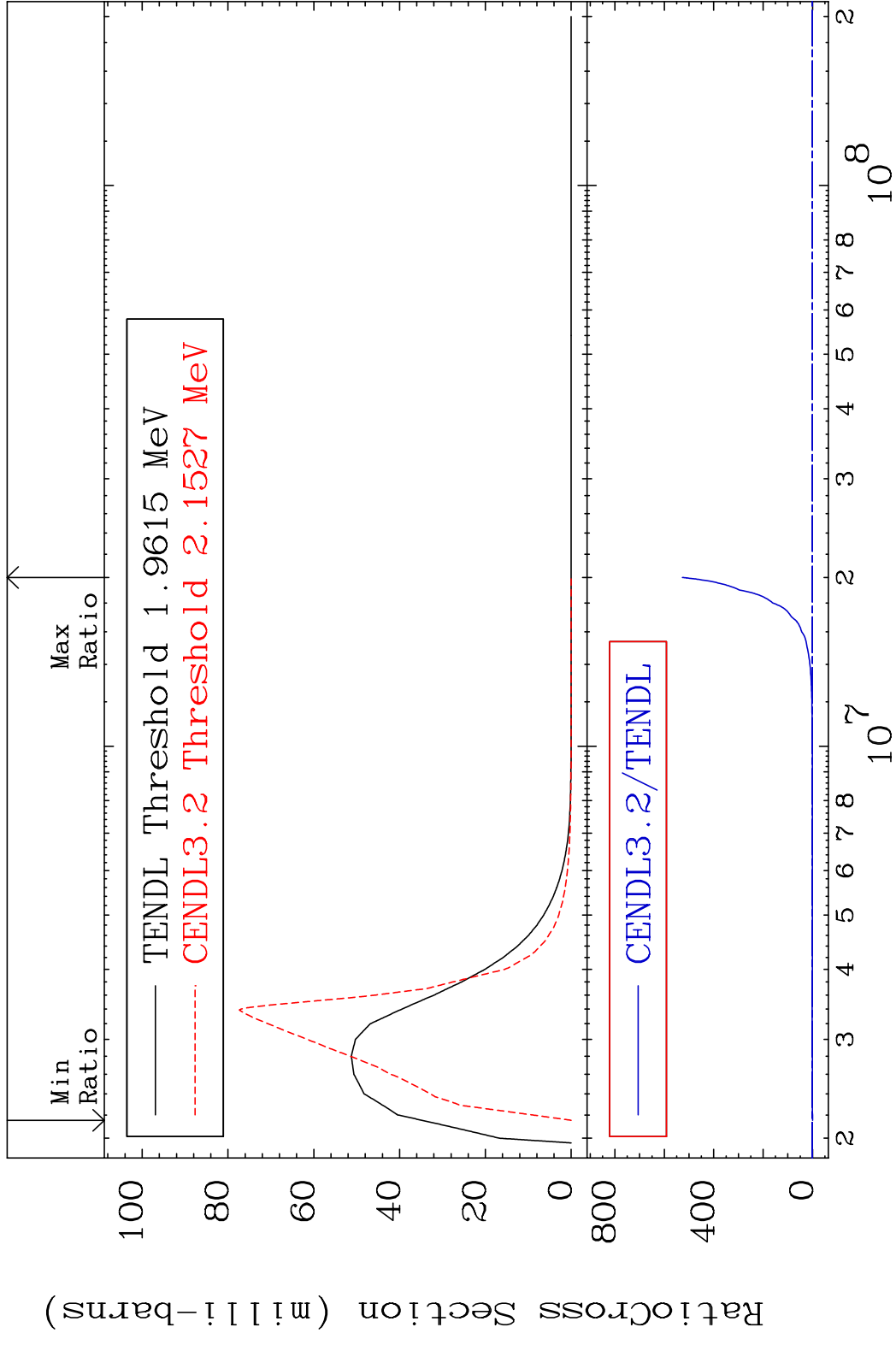


MAT 5455 MT= 55 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %

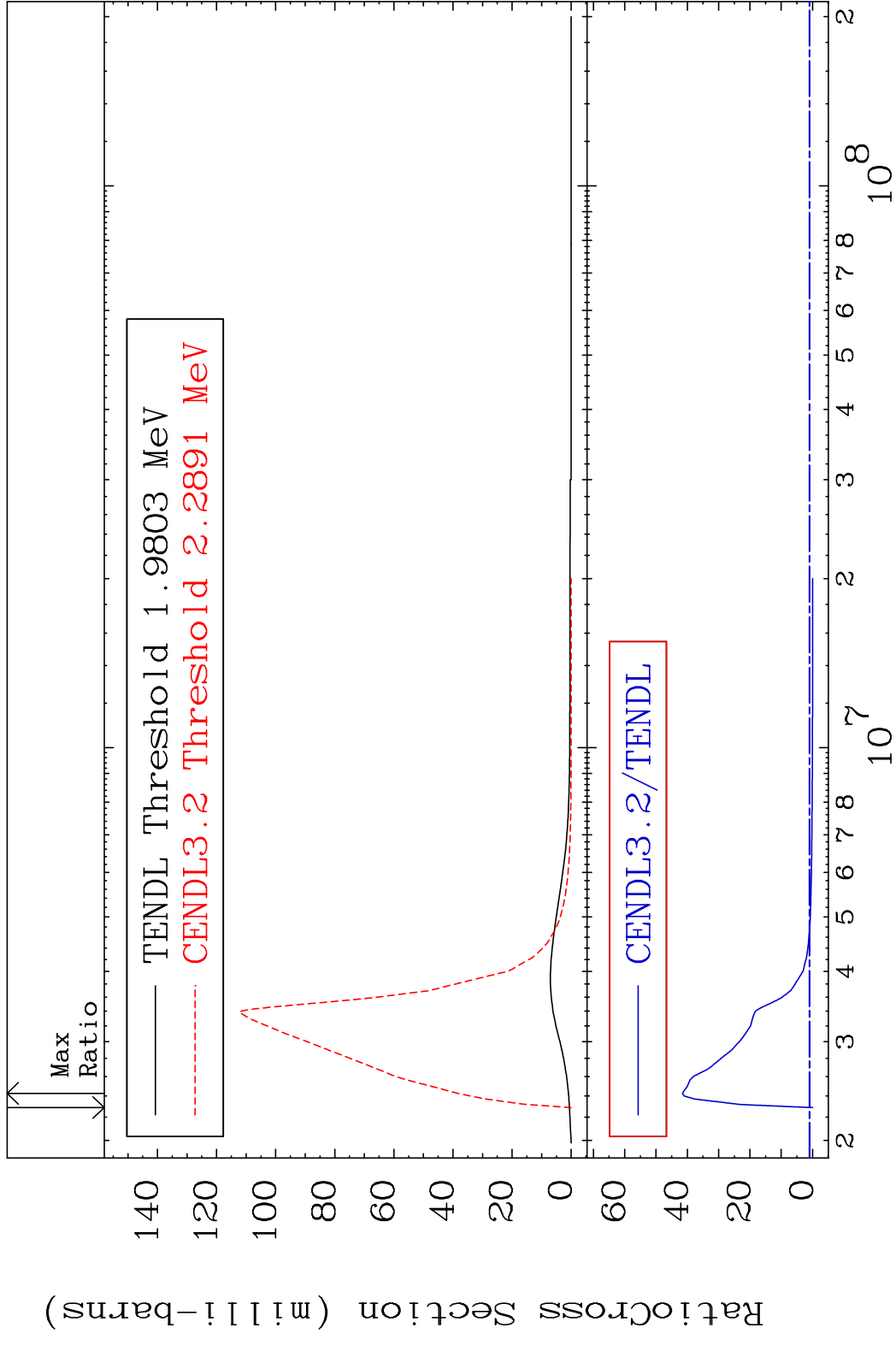


12 Incident Energy (eV) 54-Xe-134

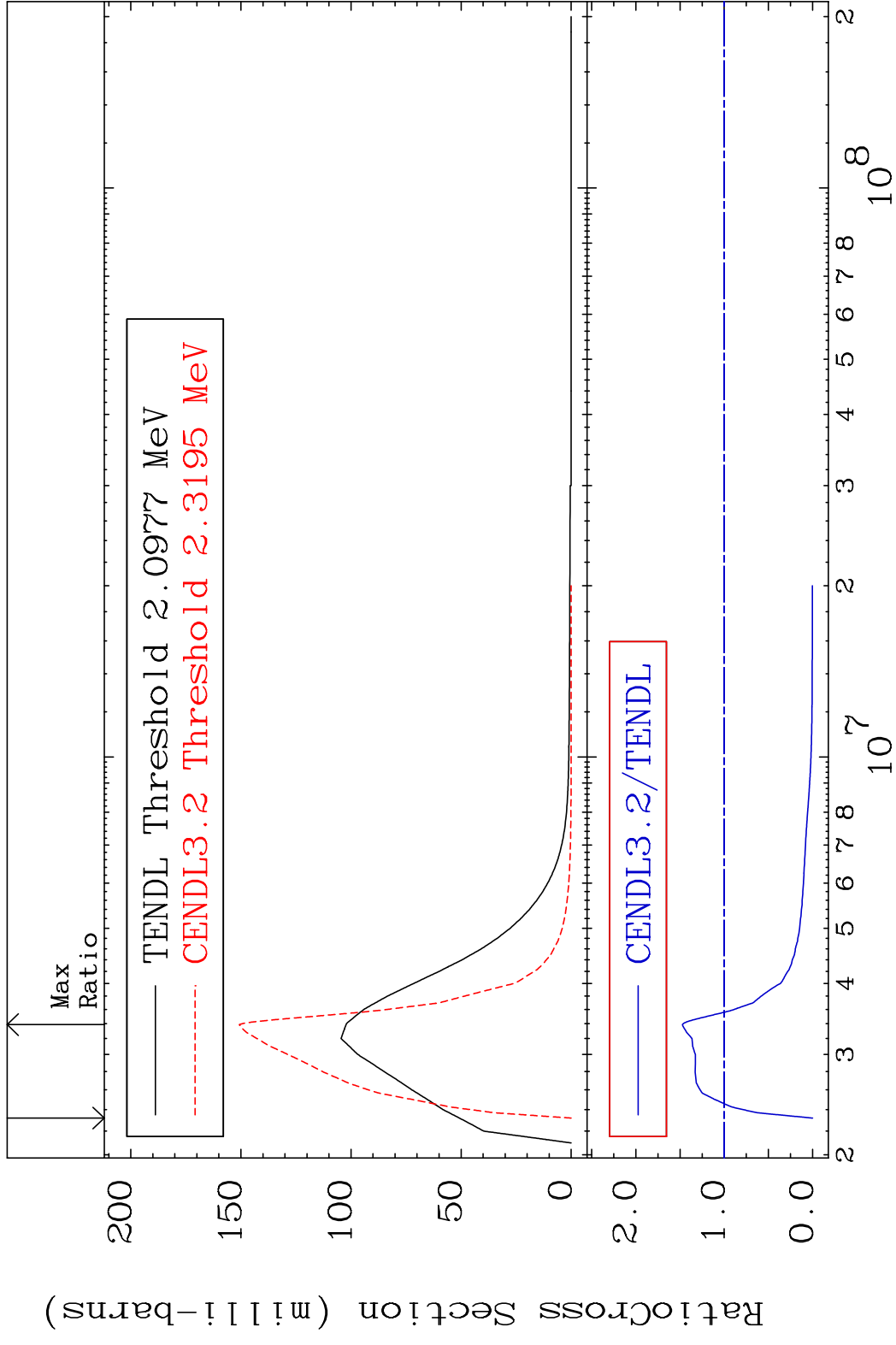
MAT 5455 MT= 56 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



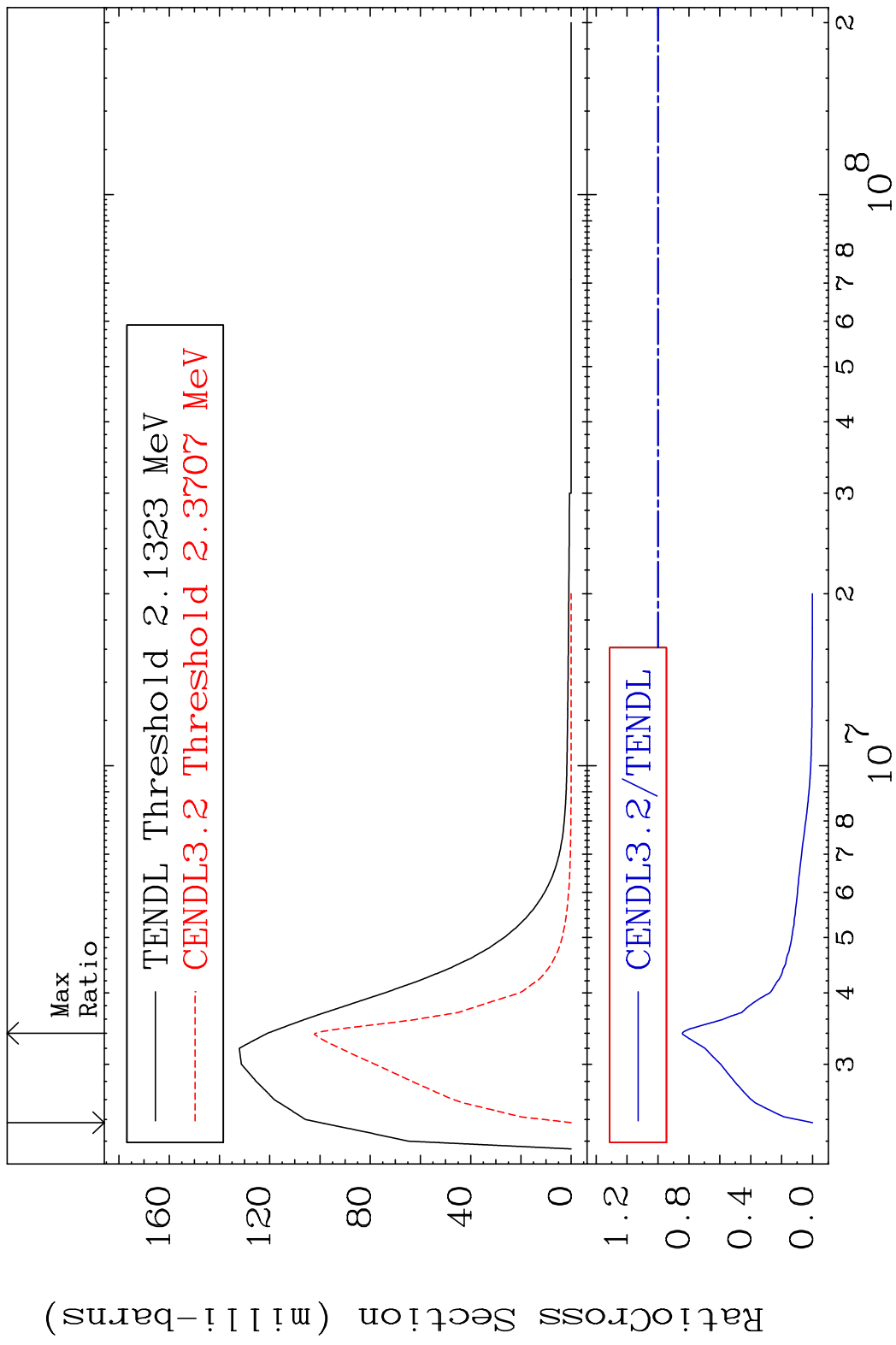
MAT 5455 MT= 57 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 4059. %



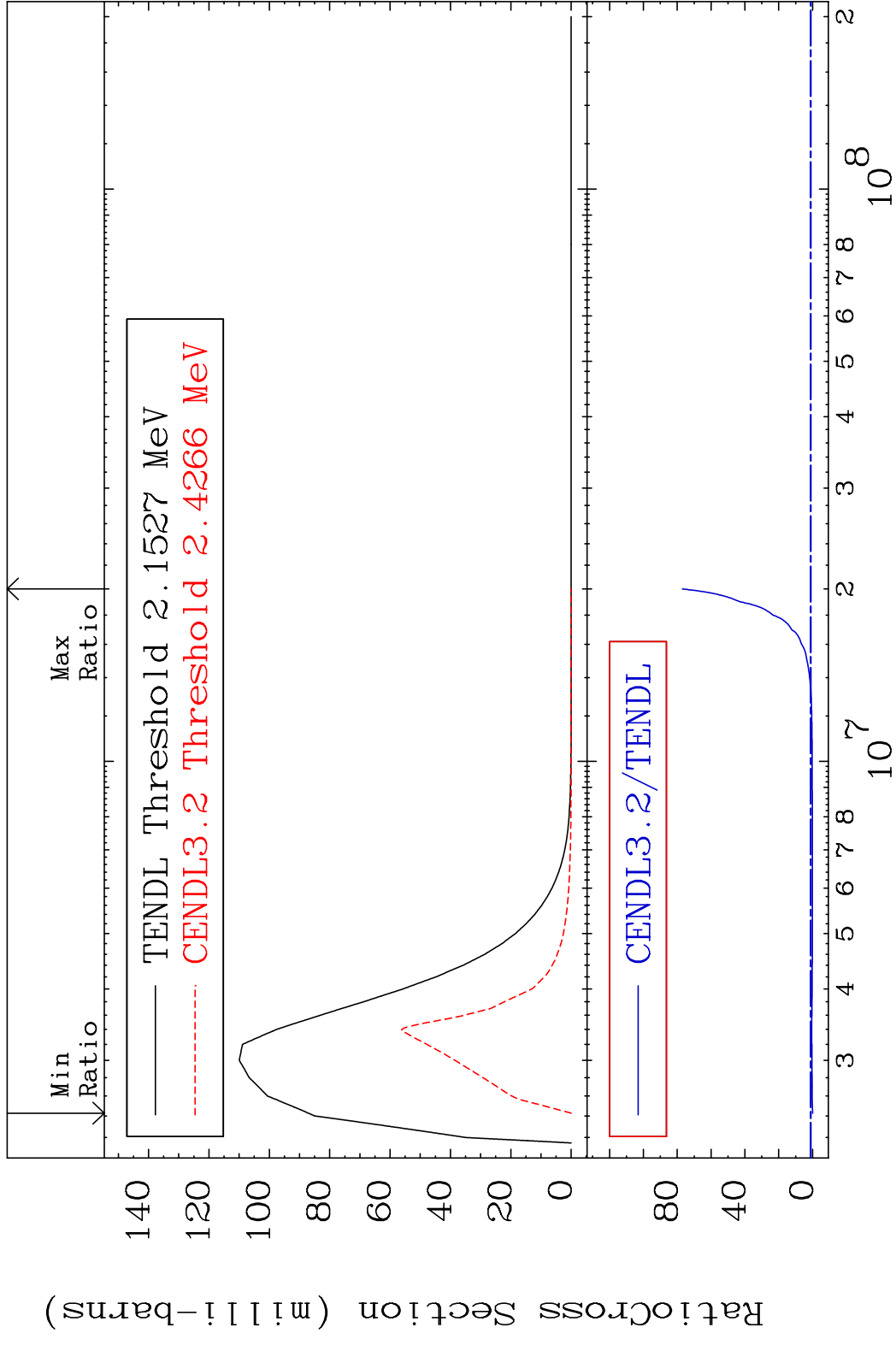
MAT 5455 MT= 58 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 47.39 %



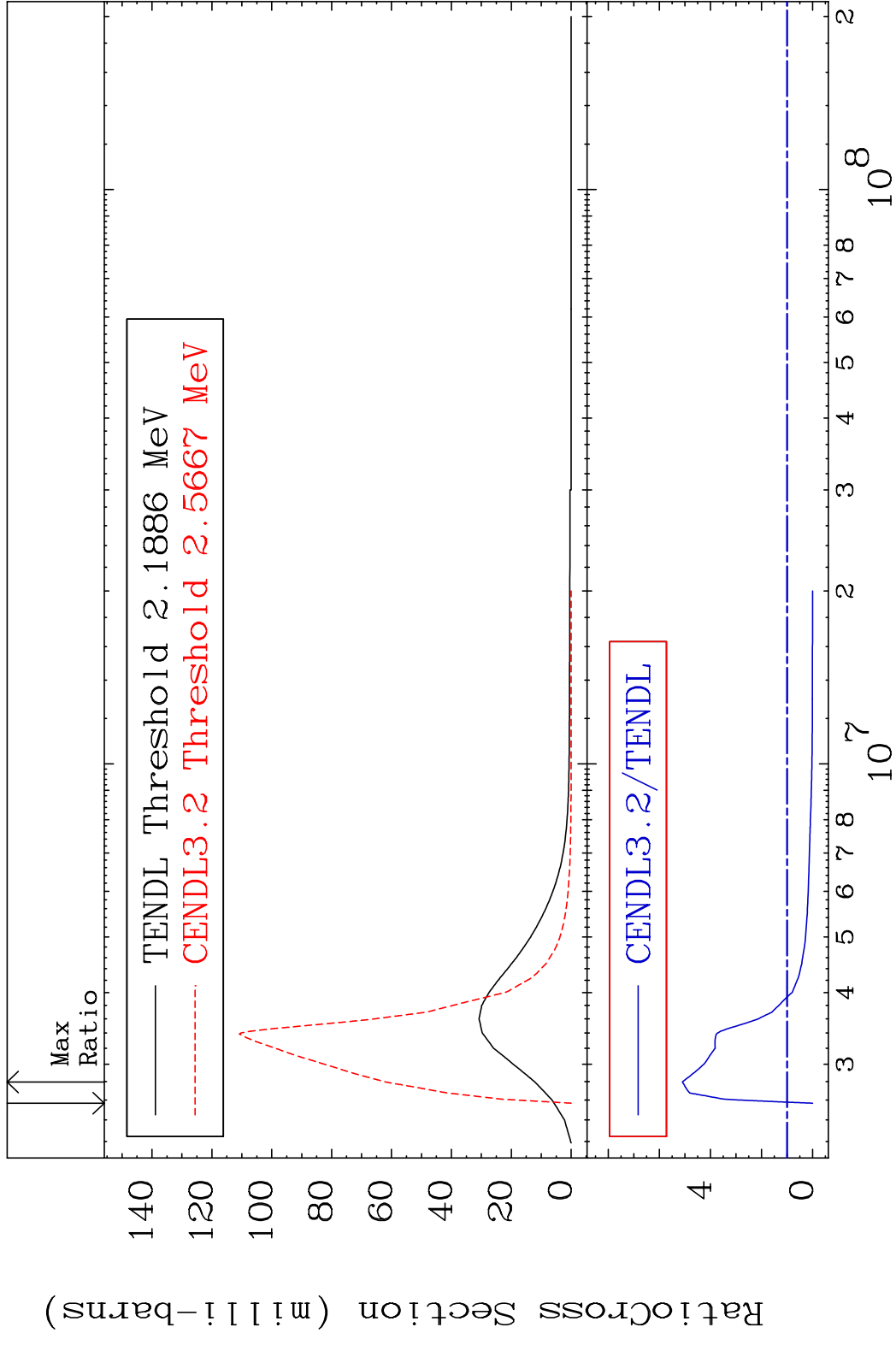
MAT 5455 MT= 59 (n, n') Level 54-Xe-134
 Cross Section -100.0 To -15.77%



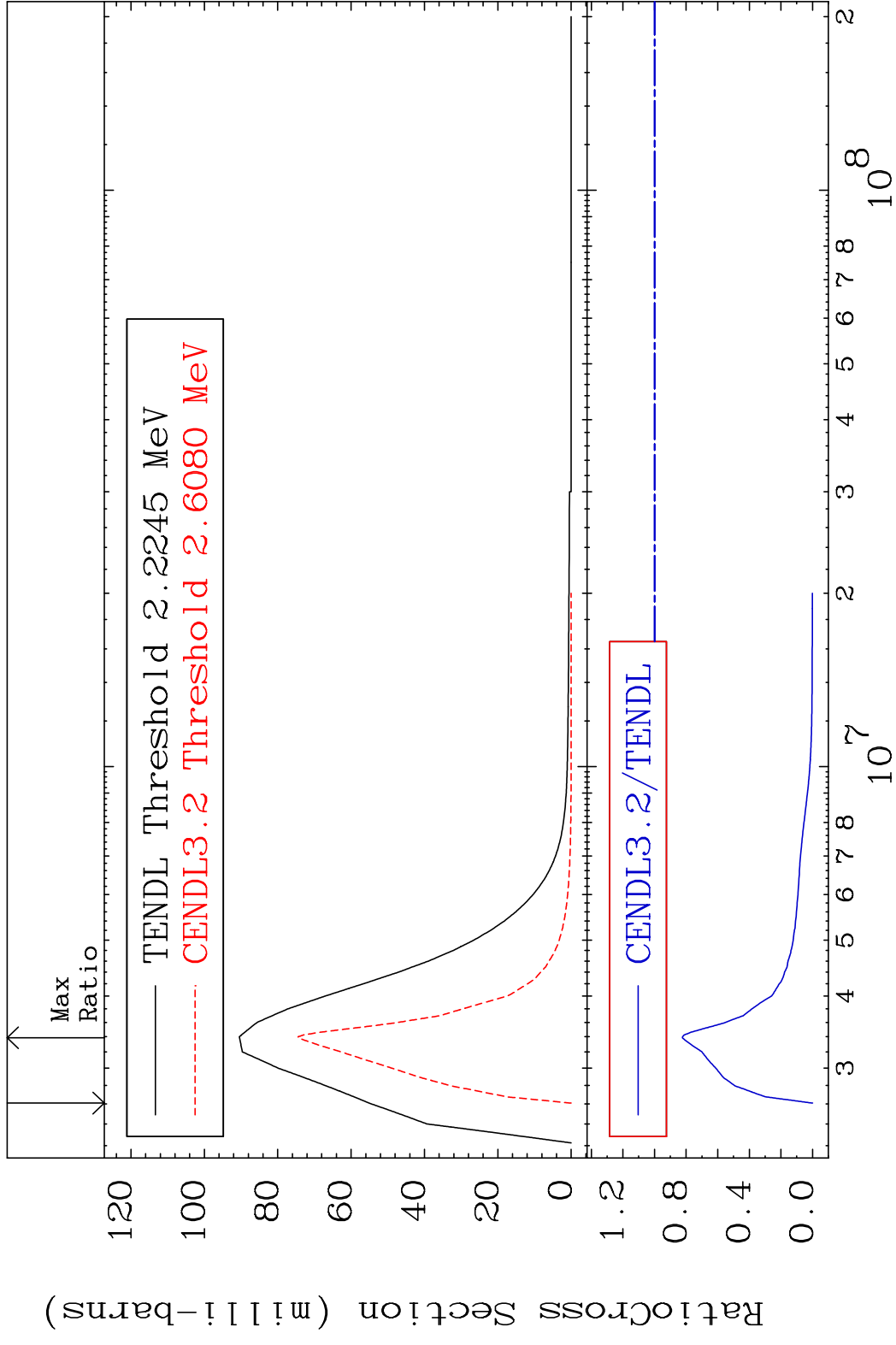
MAT 5455 MT= 60 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 7596. %



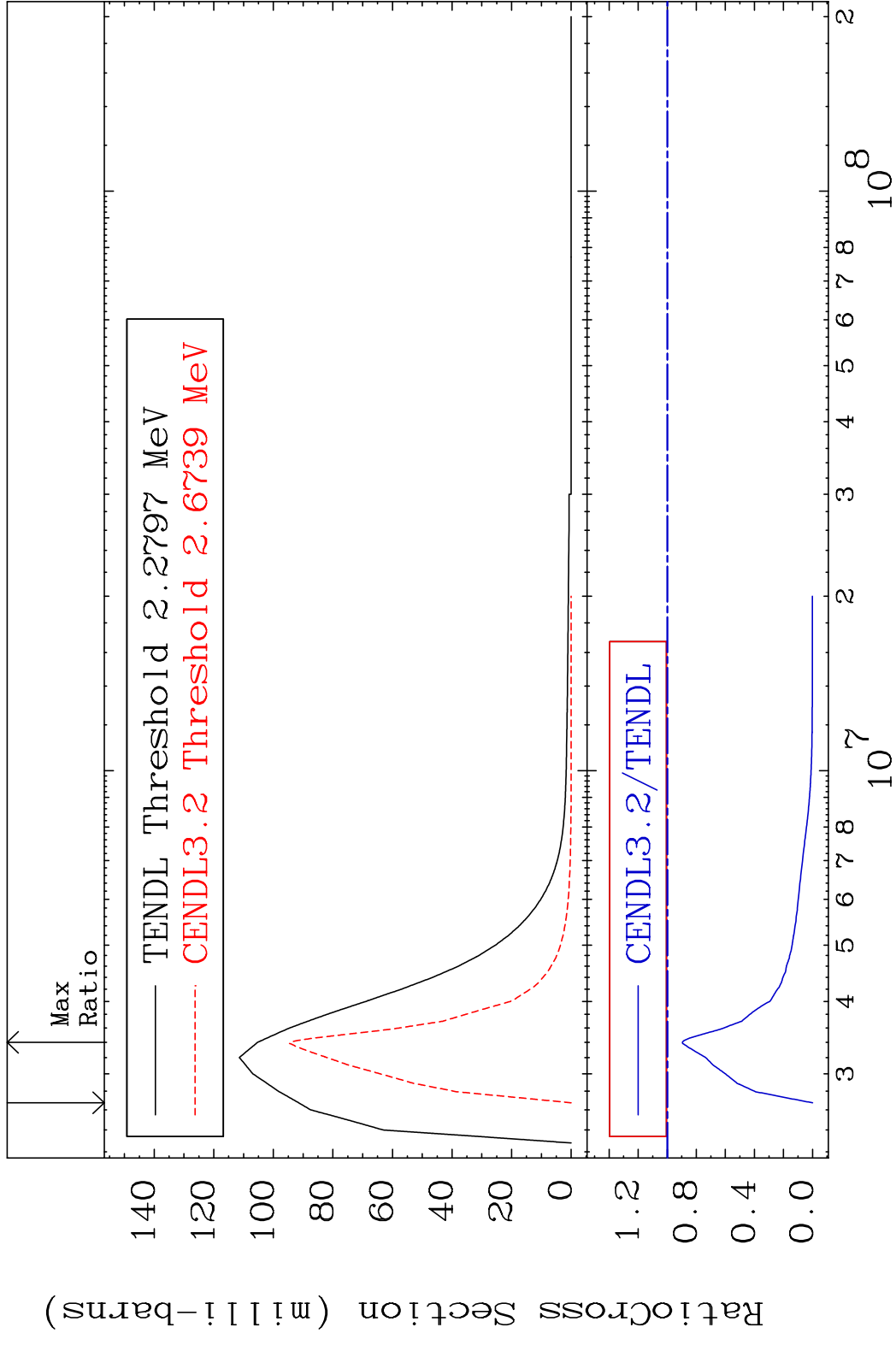
MAT 5455 MT= 61 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 409.8 %



MAT 5455 MT= 62 (n, n') Level 54-Xe-134
 Cross Section -100.0 To -17.61%

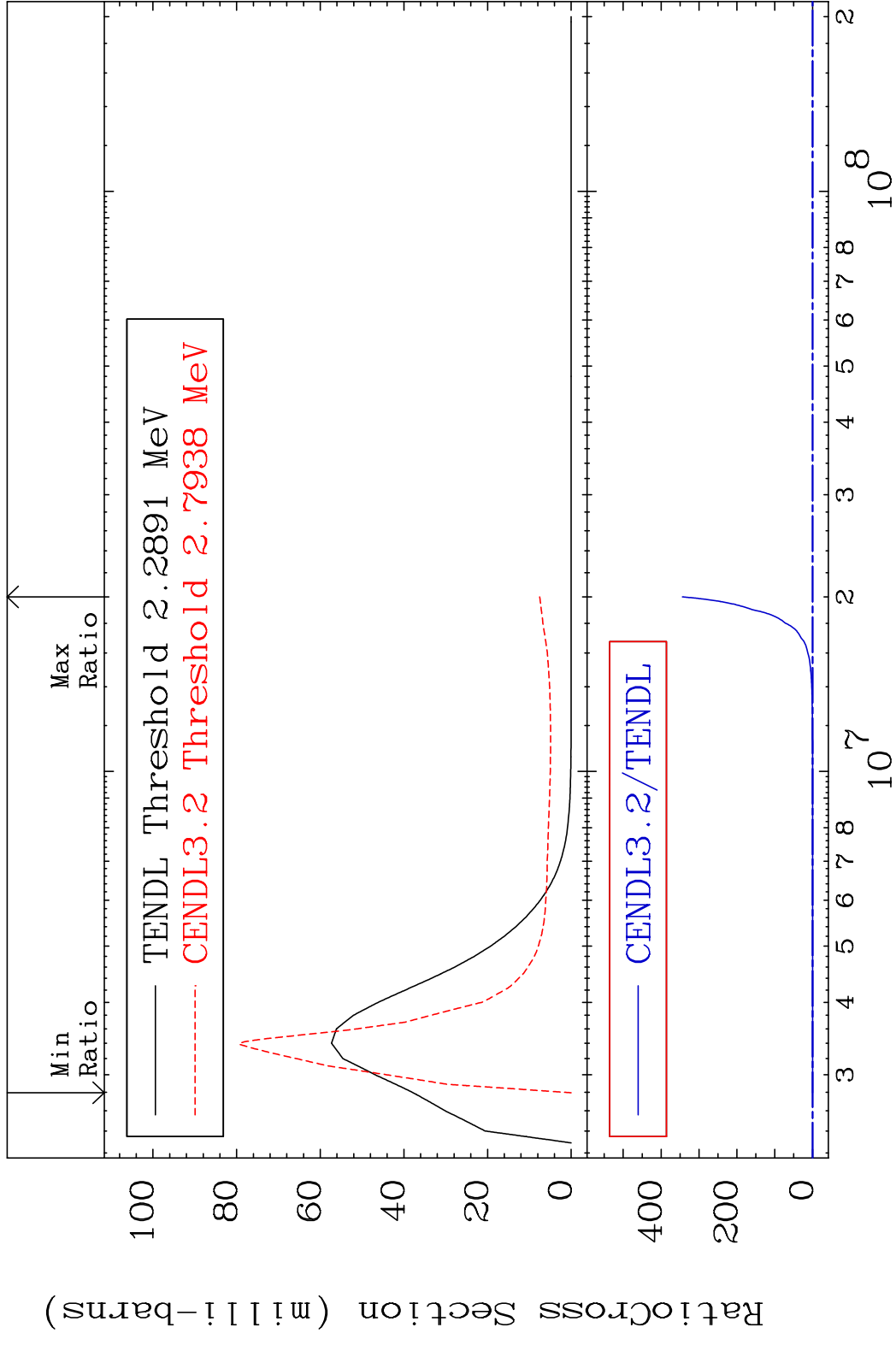


MAT 5455 MT= 63 (n, n') Level 54-Xe-134
 Cross Section -100.0 To -10.40%

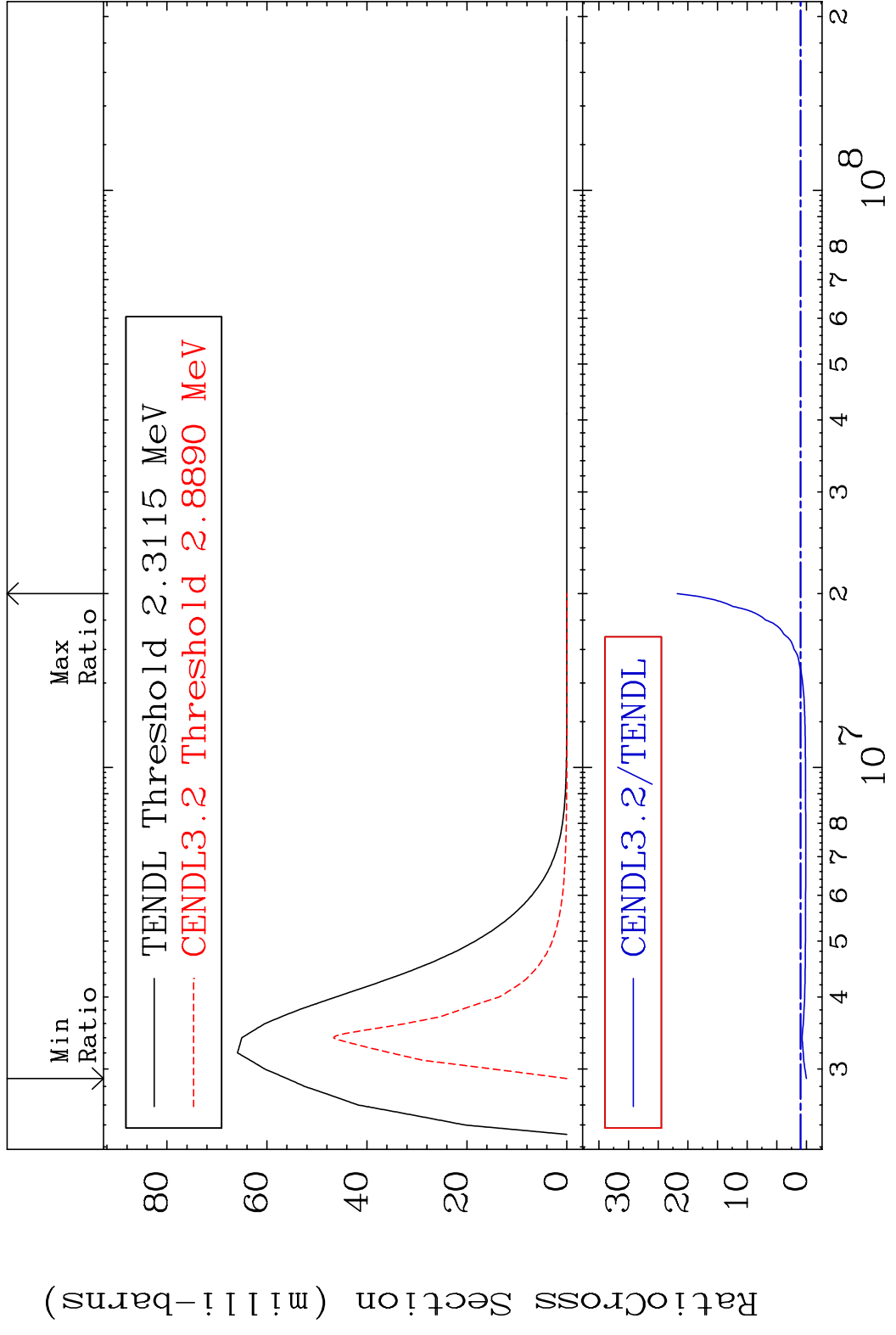


20 54-Xe-134

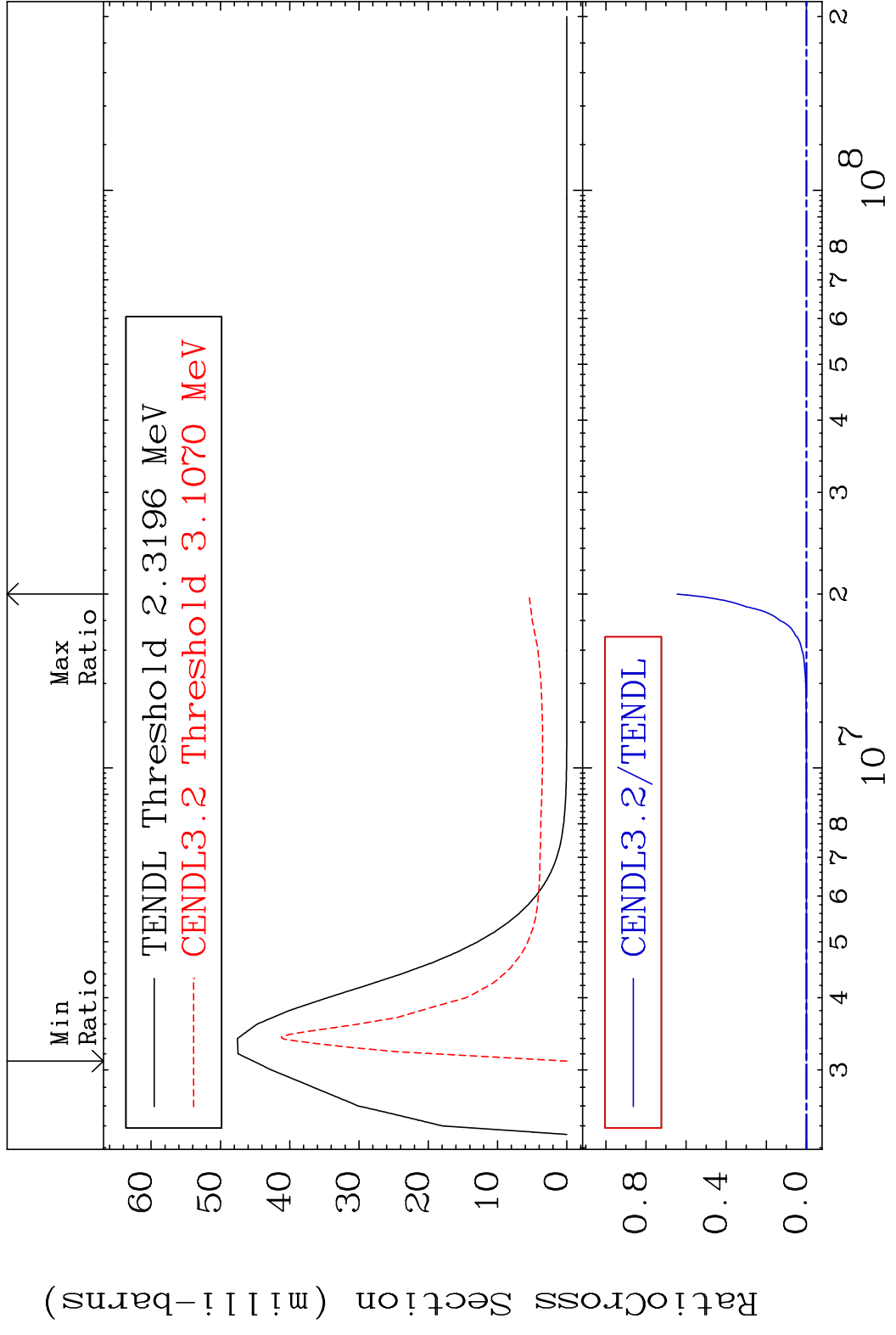
MAT 5455 MT= 64 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



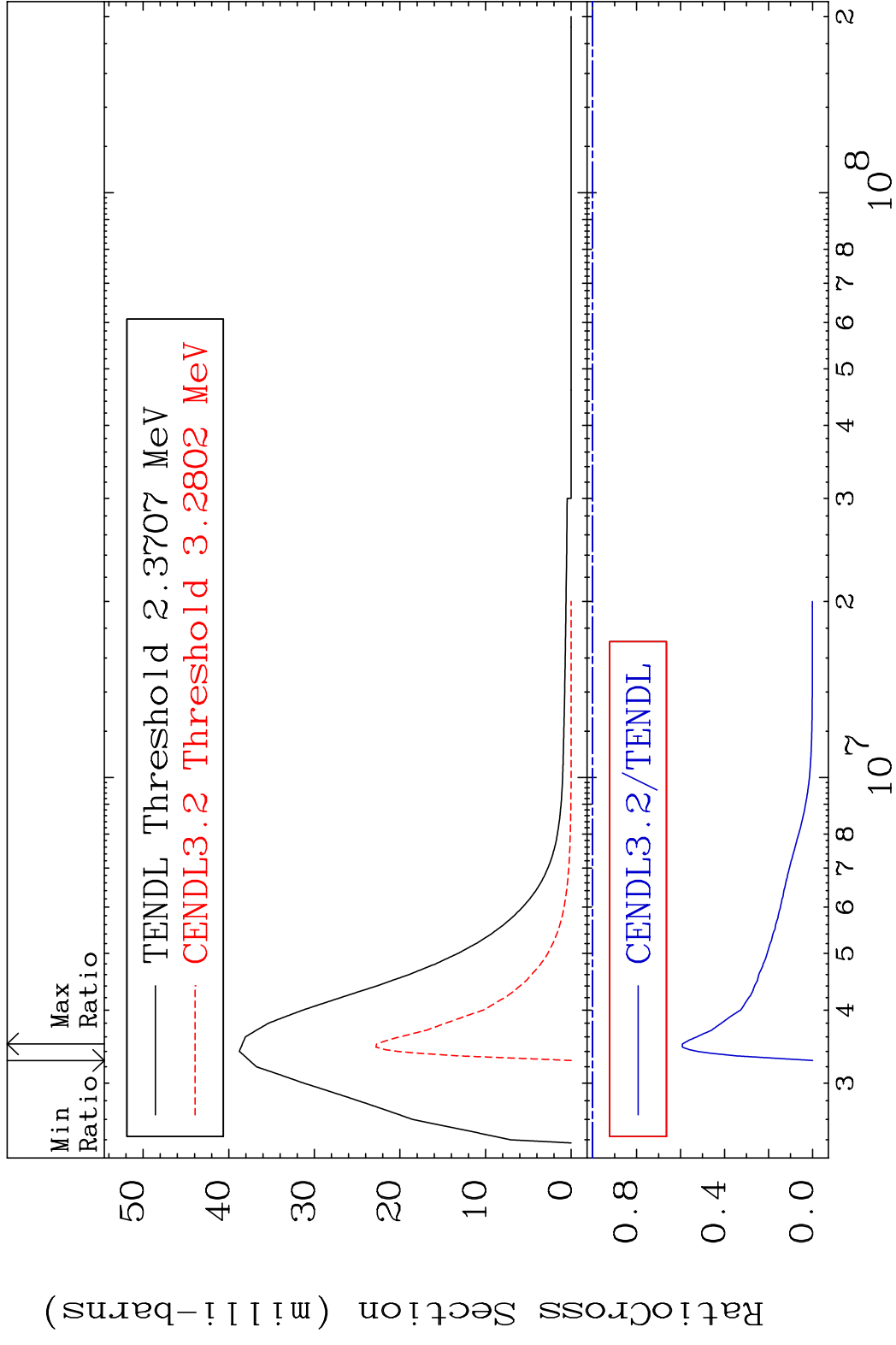
MAT 5455 MT= 65 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 2079. %



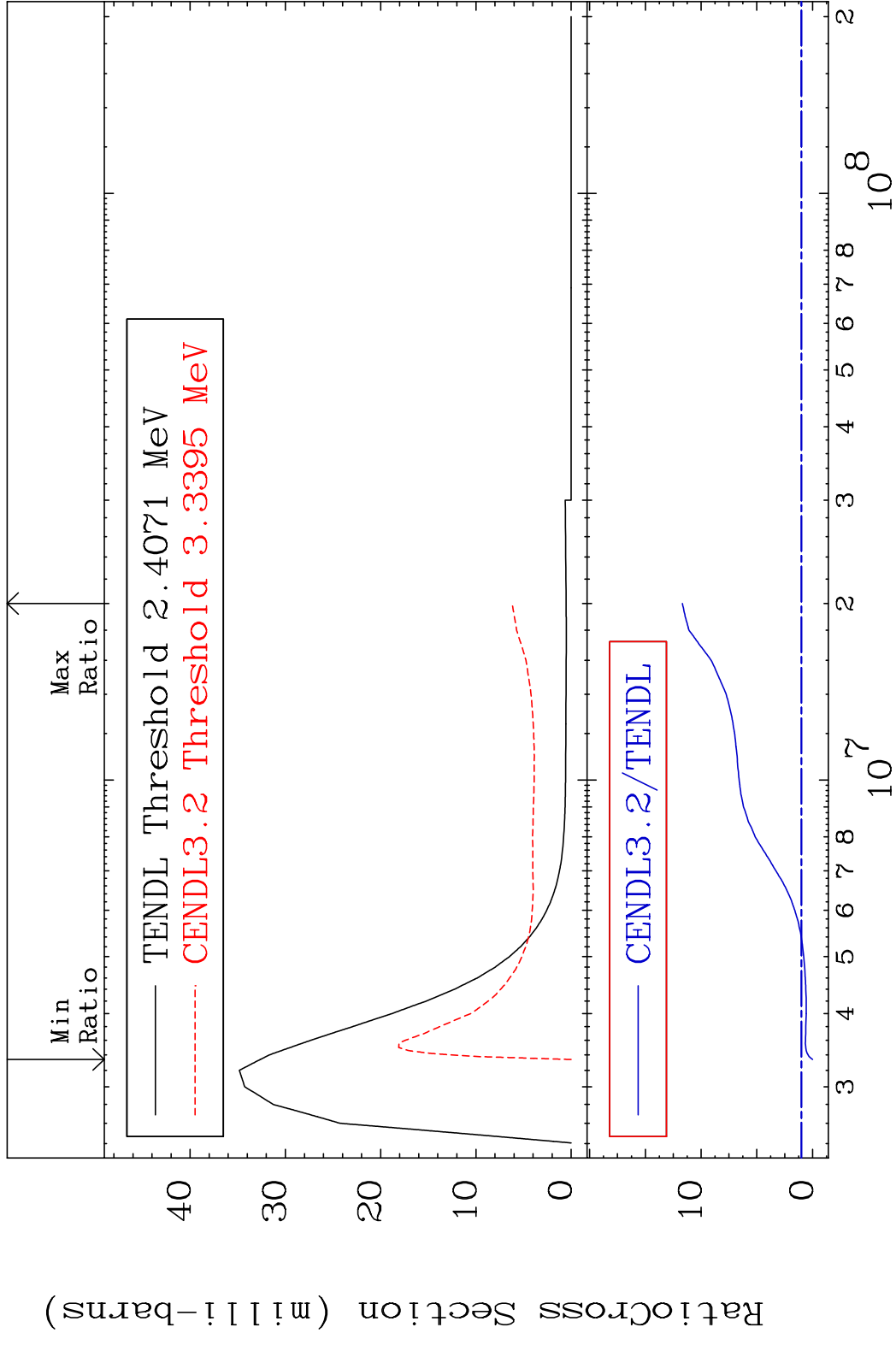
MAT 5455 MT= 66 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



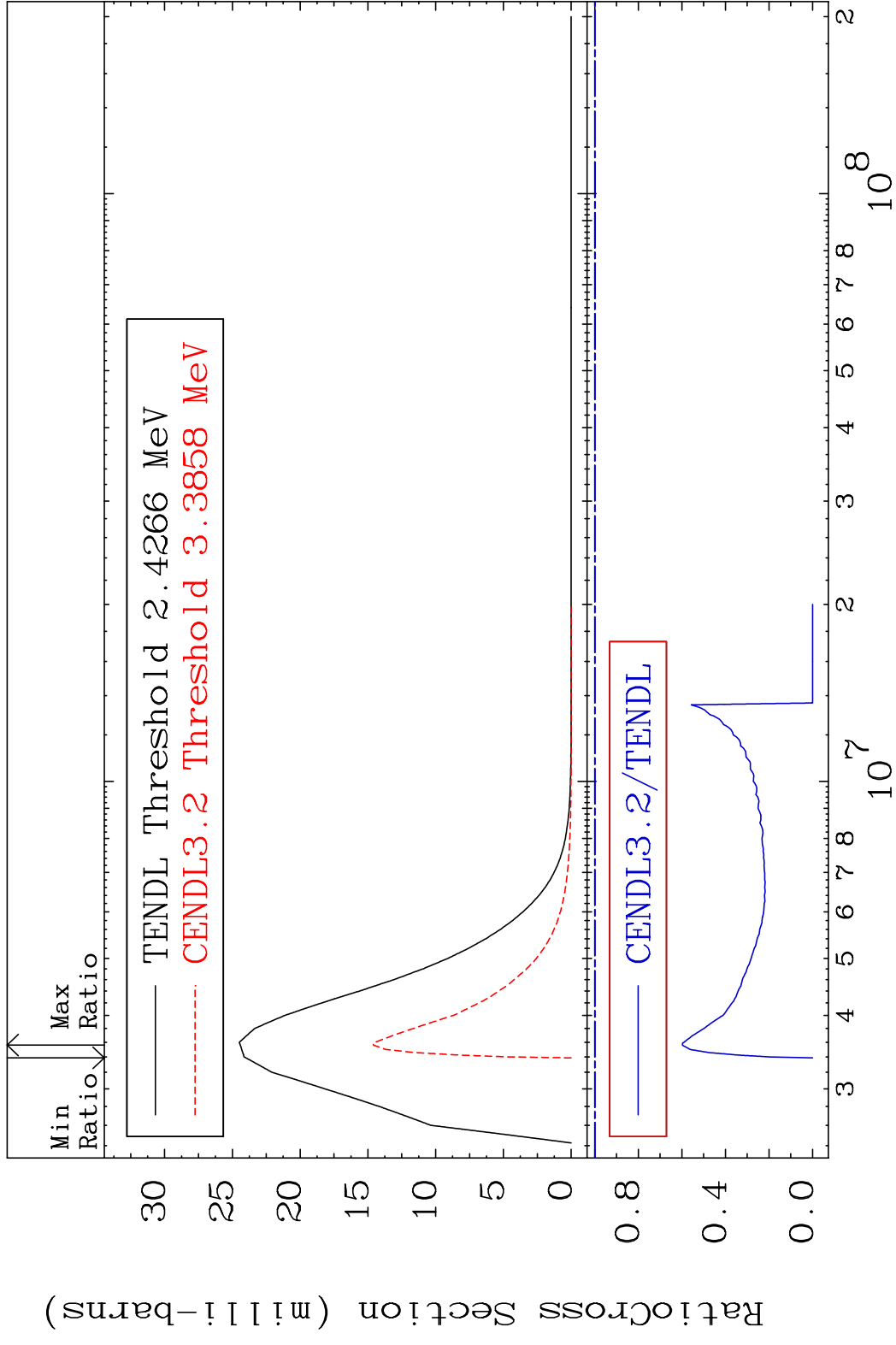
MAT 5455 MT= 67 (n, n') Level 54-Xe-134
 Cross Section -100.0 To -40.81%



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

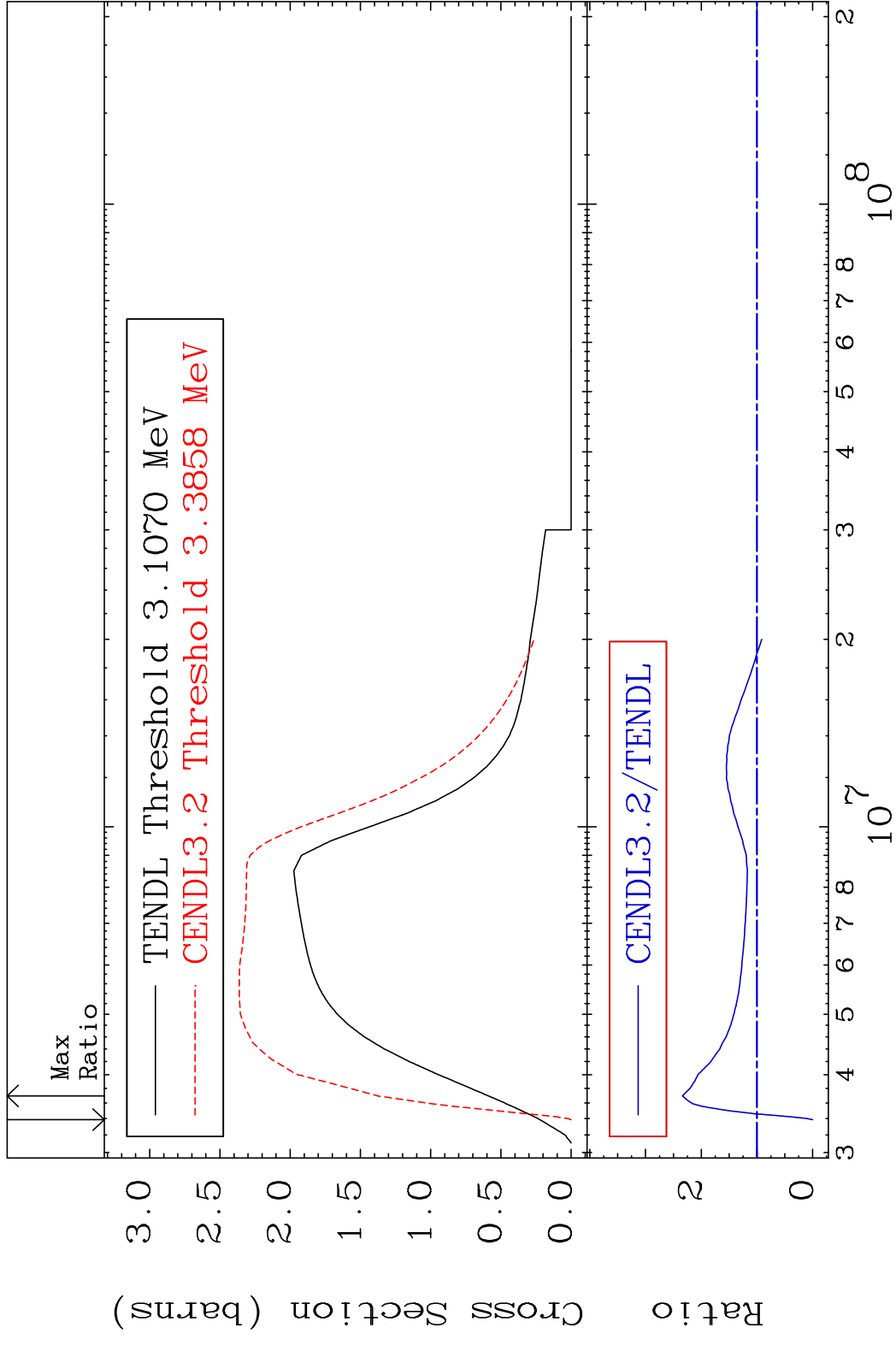


MAT 5455 MT= 69 (n, n') Level 54-Xe-134
 Cross Section -100.0 To -40.21%



26 Incident Energy (eV) 54-Xe-134

MAT 5455 (n, n') Continuum 54-Xe-134
 Cross Section -100.0 To 133.9 %

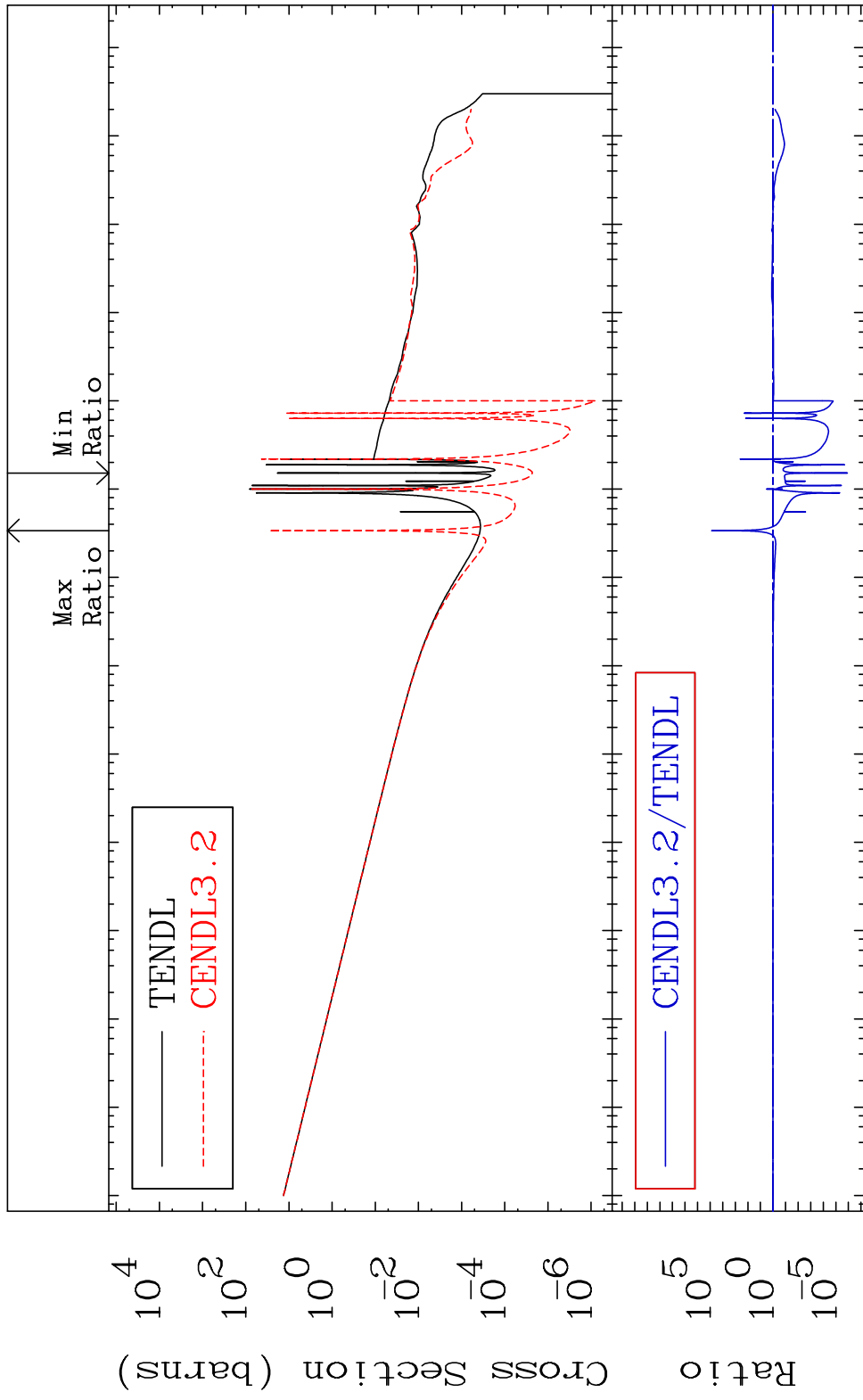


MAT 5455

54-Xe-134

(n, γ)

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

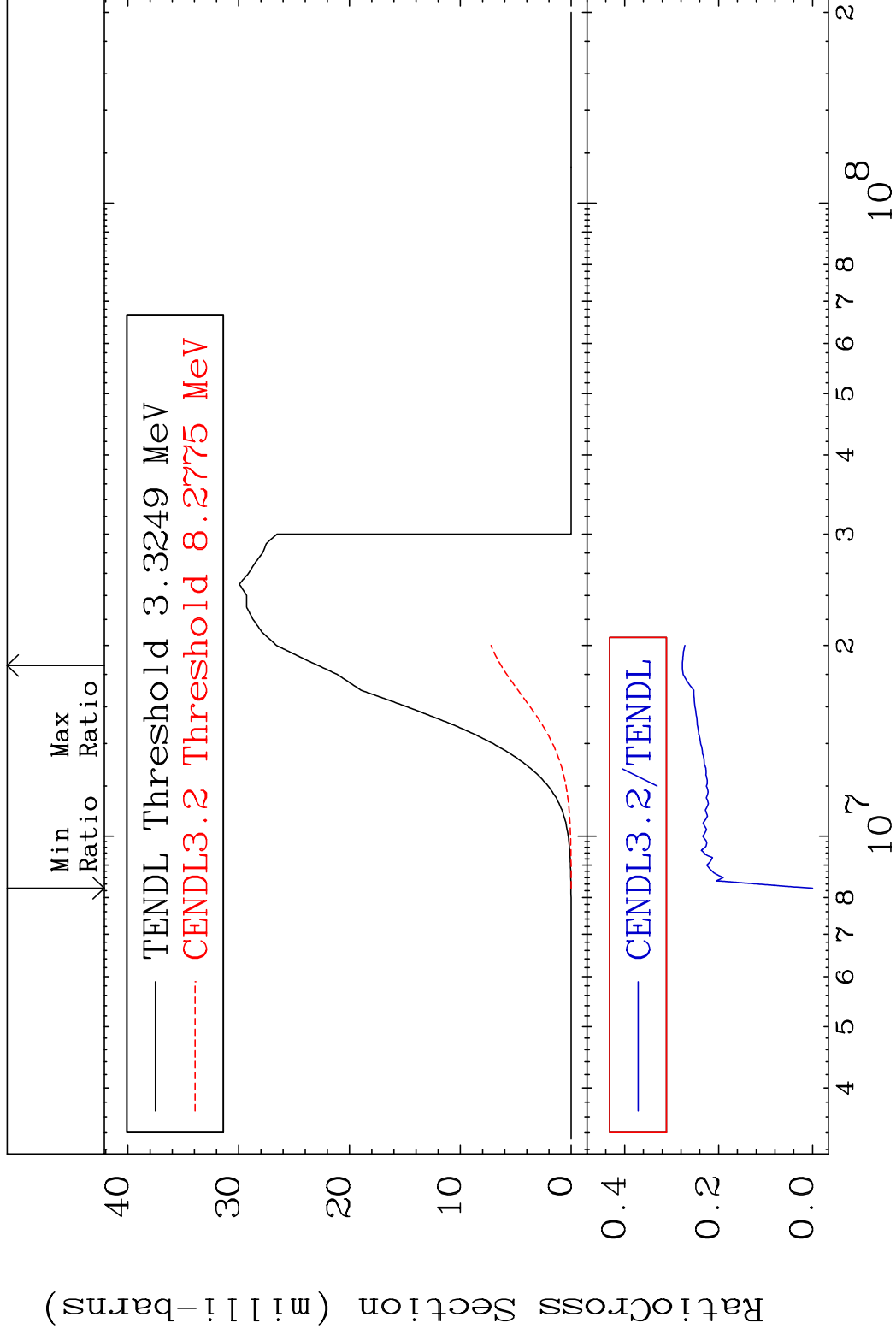
54-Xe-134

MAT 5455

(n, p)

54-Xe-134

Cross Section -100.0 To -72.28%



29

Incident Energy (eV)

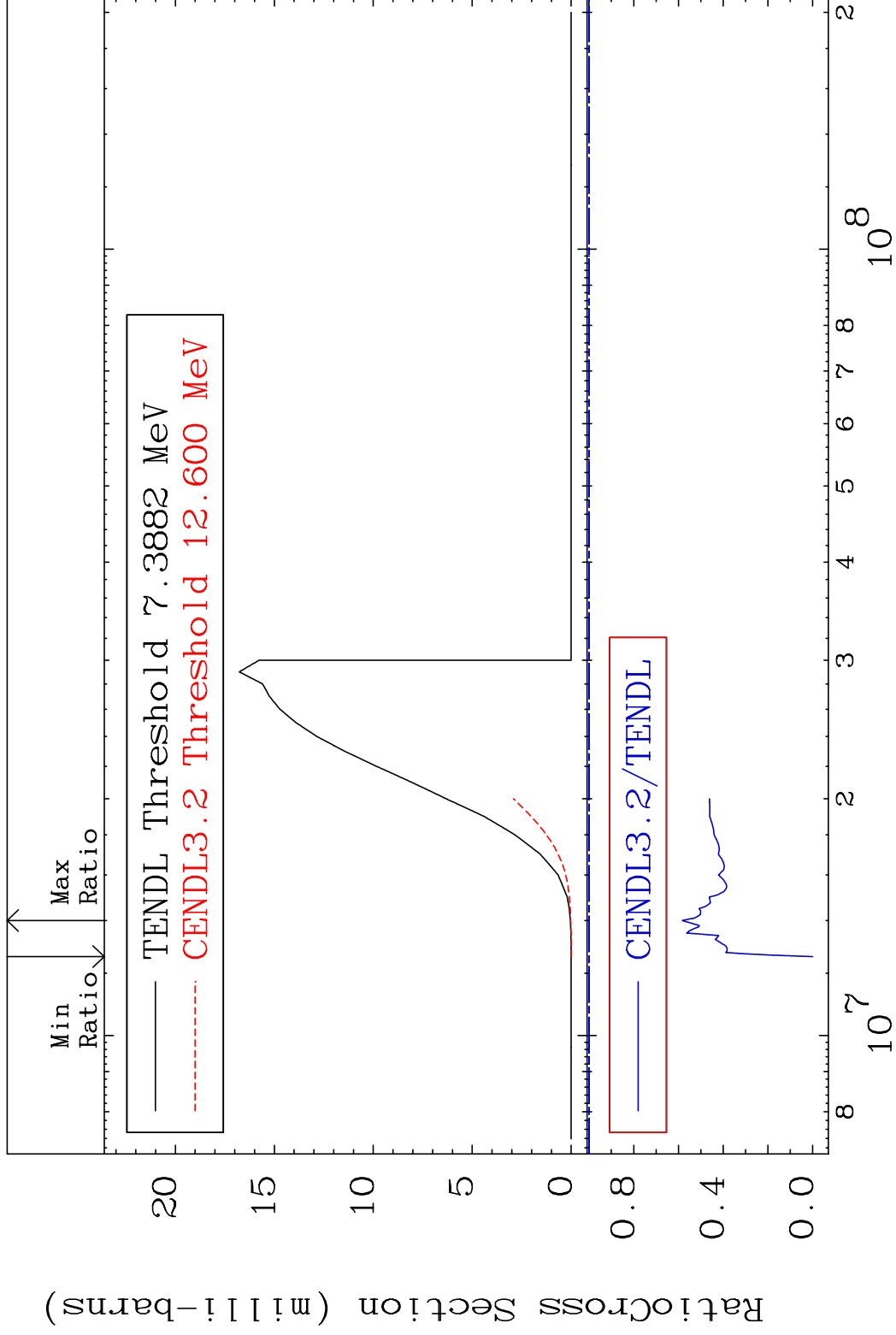
54-Xe-134

MAT 5455

(n,d)

54-Xe-134

Cross Section -100.0 To -41.76%



30

Incident Energy (eV)

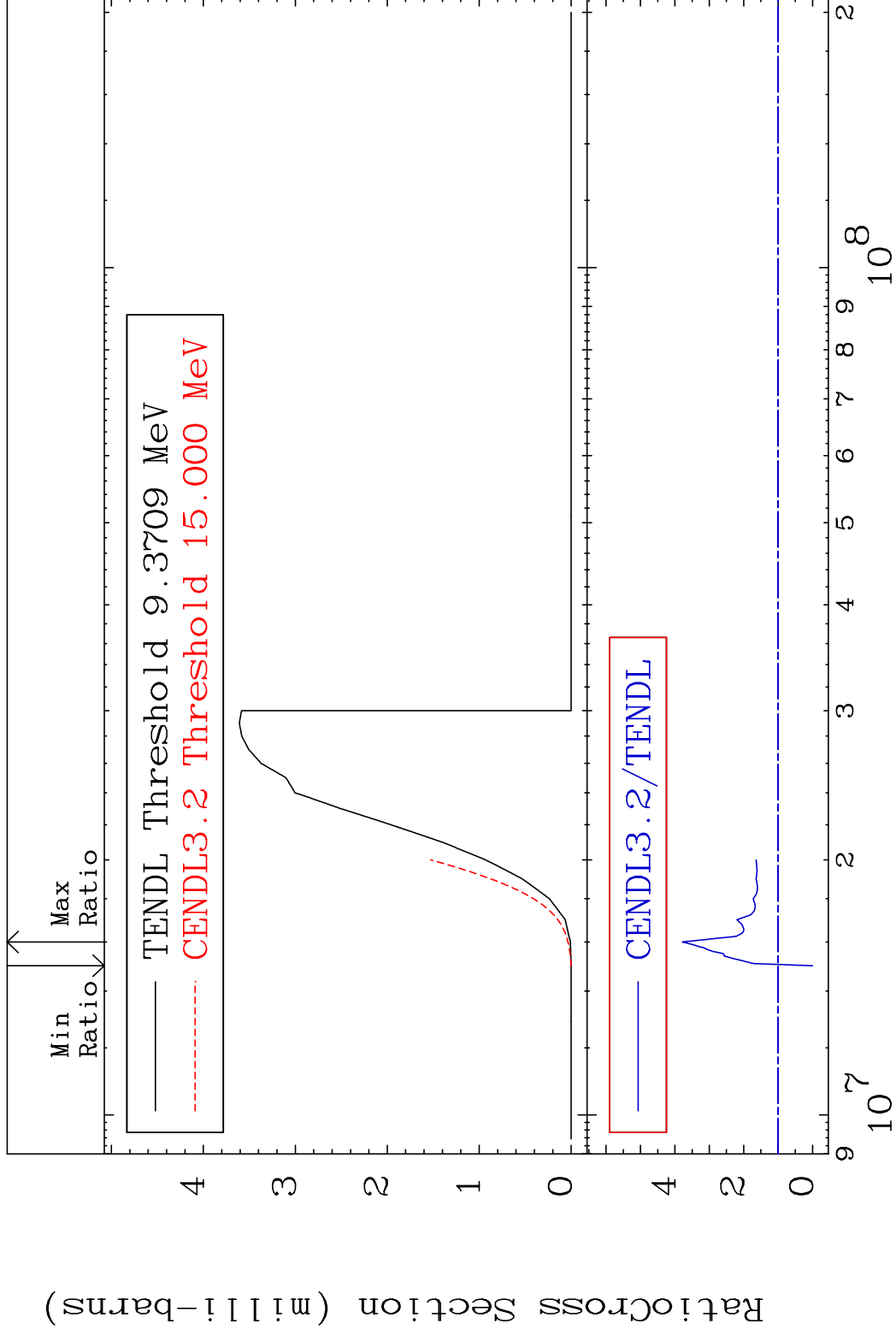
54-Xe-134

MAT 5455

(n, t)

54-Xe-134

Cross Section -100.0 To 278.3 %



31

Incident Energy (eV)

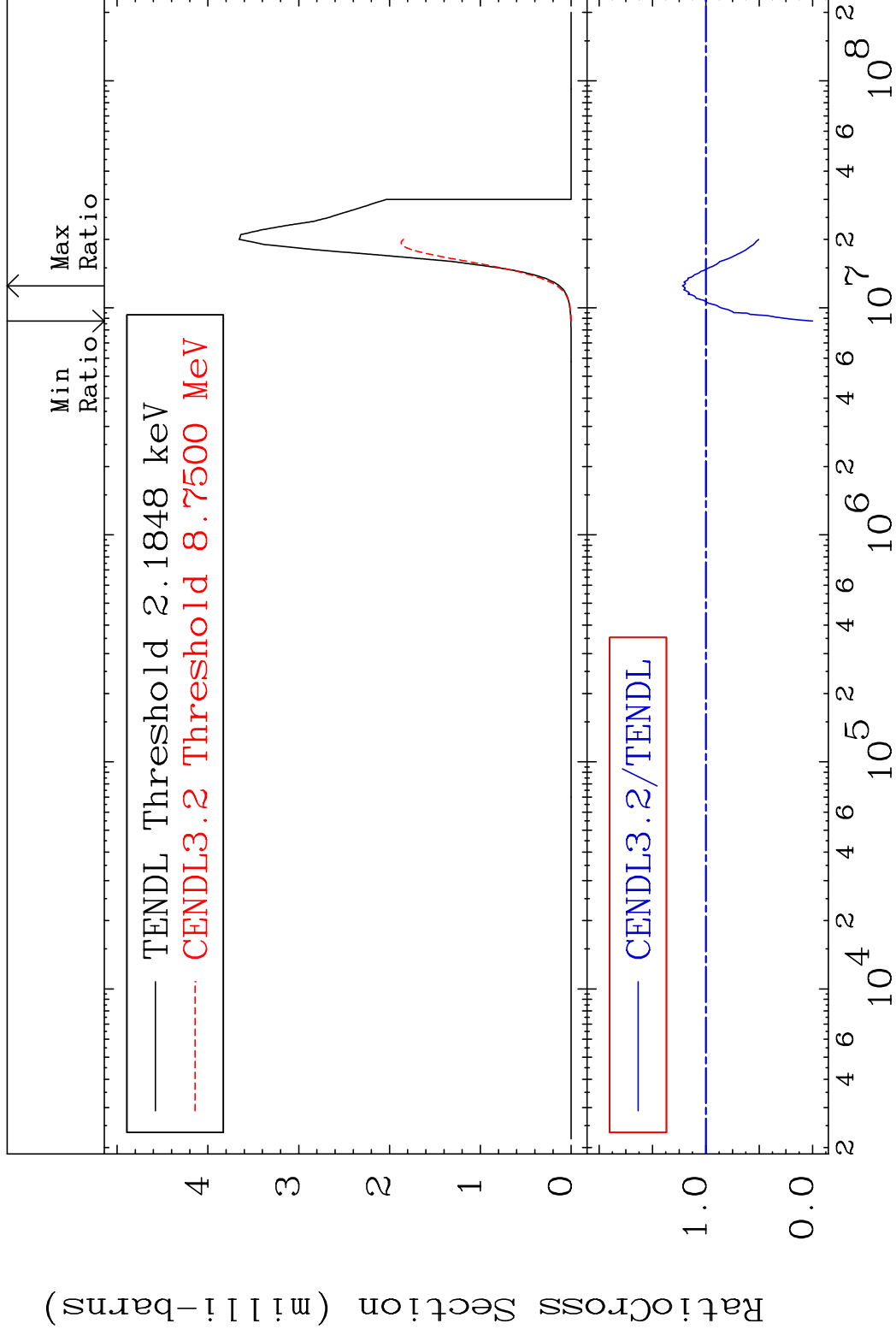
54-Xe-134

MAT 5455

(n, α)

54-Xe-134

Cross Section -100.0 To 21.99 %



32

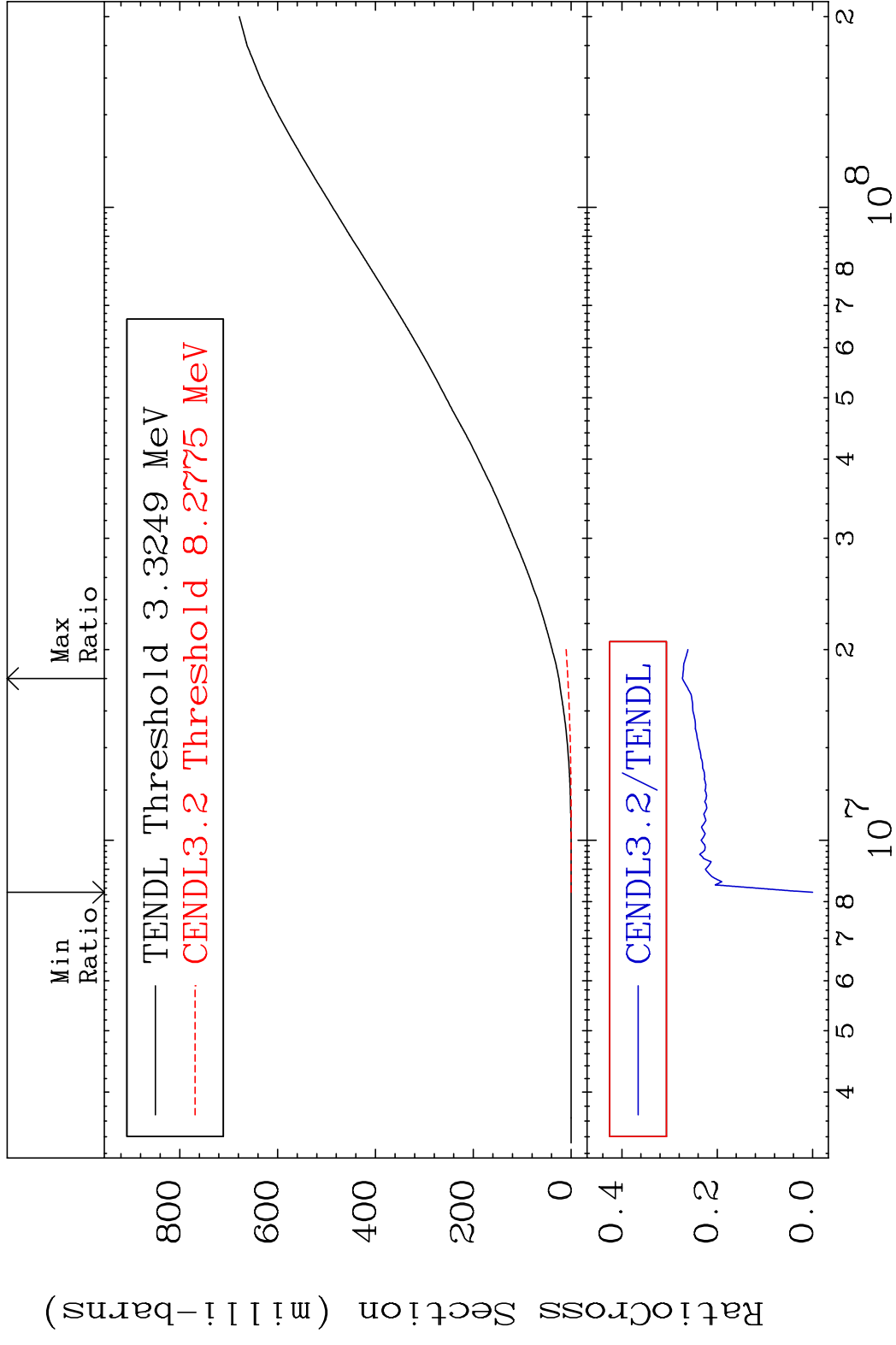
Incident Energy (eV)

54-Xe-134

MAT 5455

Hydrogen Production 54-Xe-134

Cross Section -100.0 To -72.68%

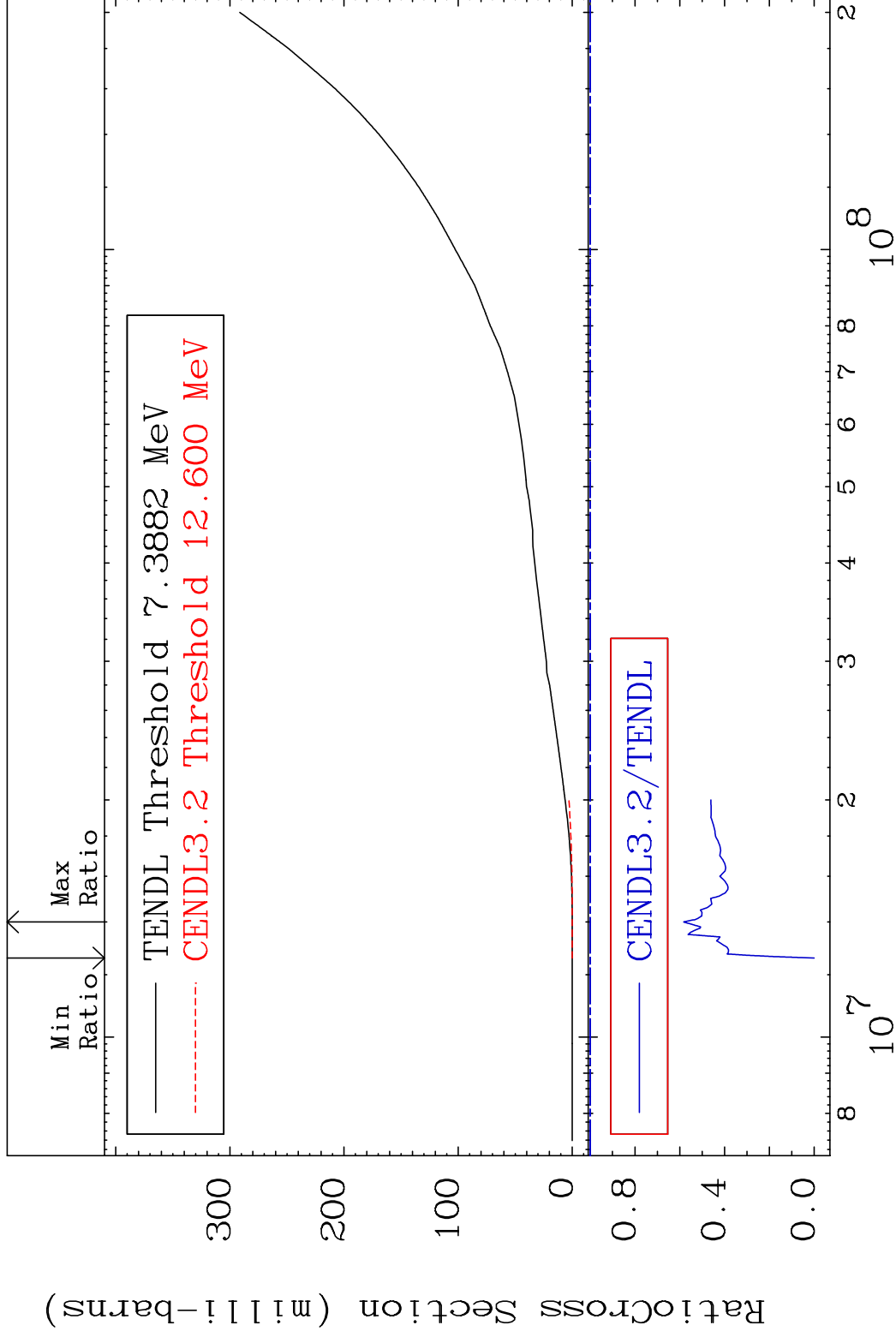


MAT 5455

Deuterium Production

54-Xe-134

Cross Section -100.0 To -41.76%



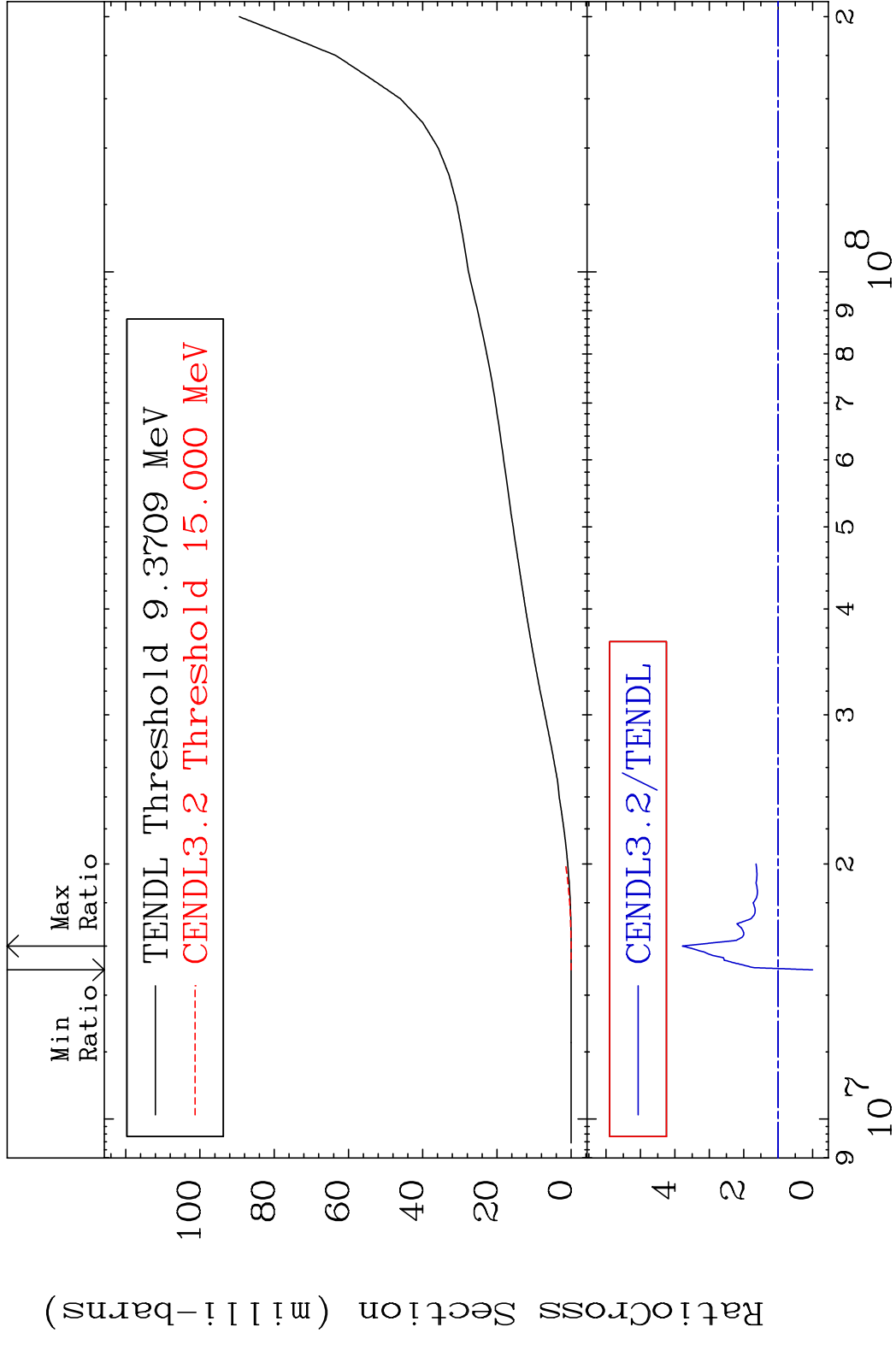
34

Incident Energy (eV)

54-Xe-134

MAT 5455

Tritium Production 54-Xe-134
Cross Section -100.0 To 278.3 %



35

Incident Energy (eV)

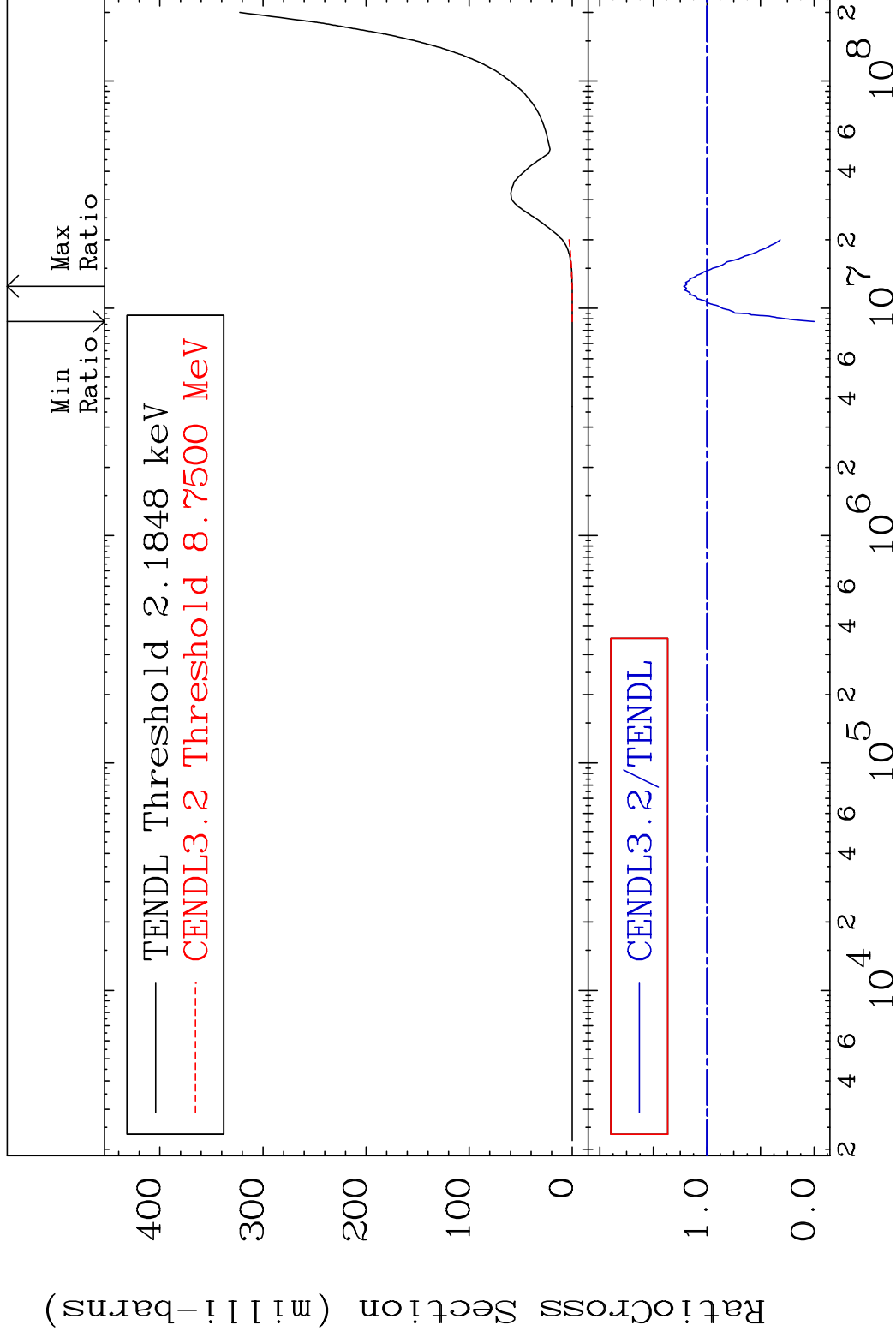
54-Xe-134

MAT 5455

He-4 Production

54-Xe-134

Cross Section -100.0 To 21.74 %

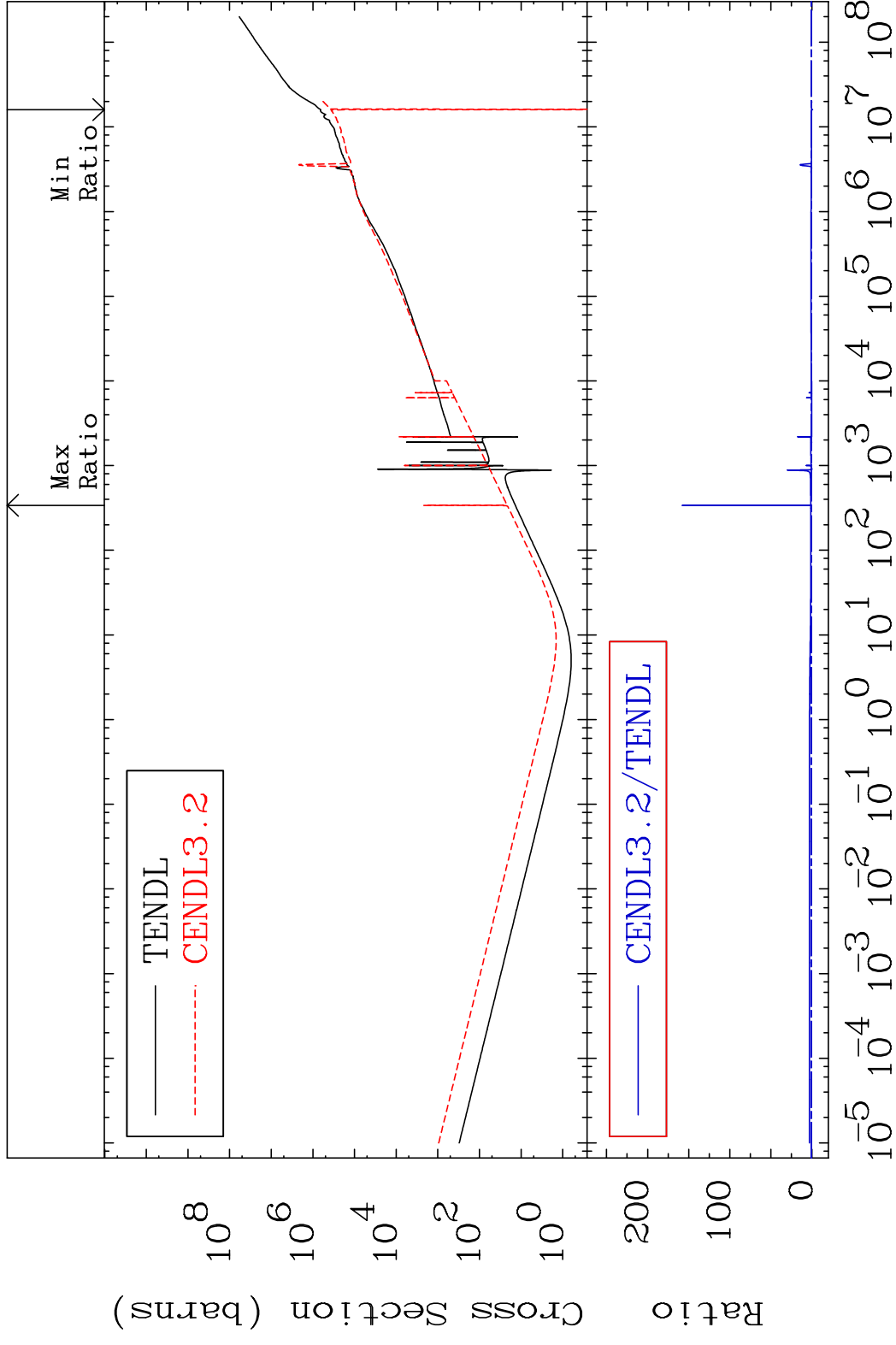


36

Incident Energy (eV)

54-Xe-134

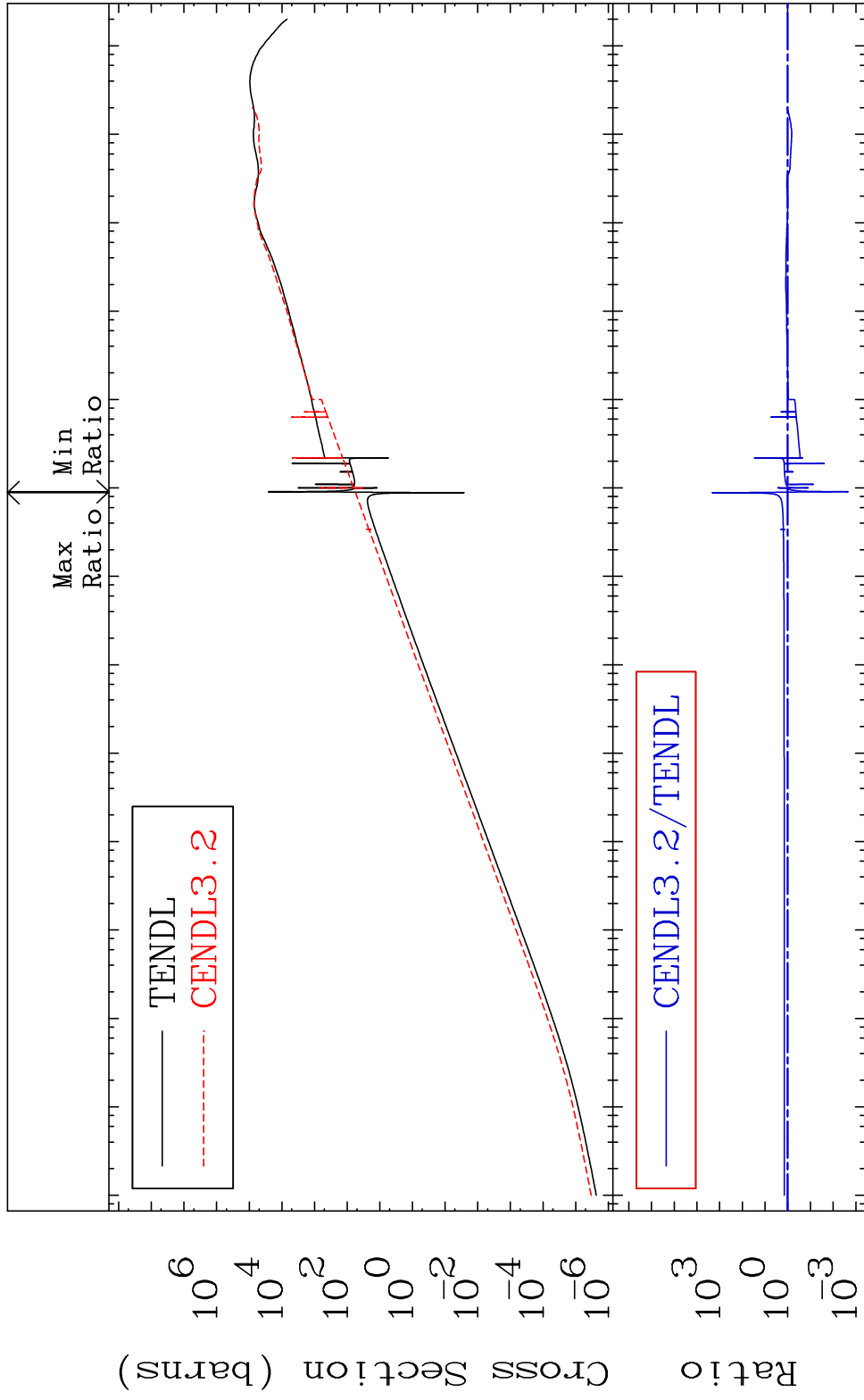
MAT 5455 Kerma total (eV-barns) 54-Xe-134
 Cross Section -169.4 To 9999. %



MAT 5455

Kerma elastic
Cross Section -99.78 To 9999. %

54-Xe-134

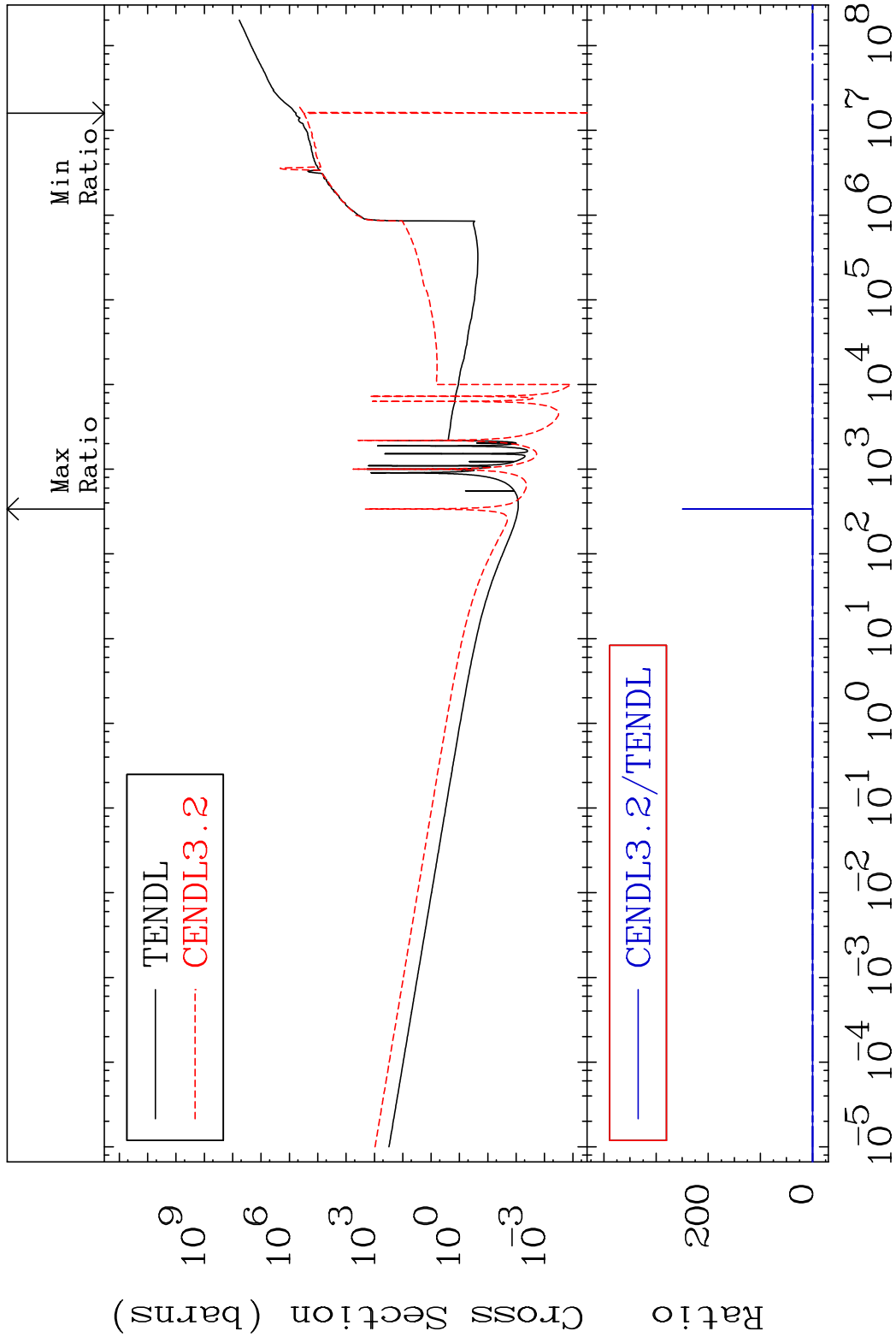


38

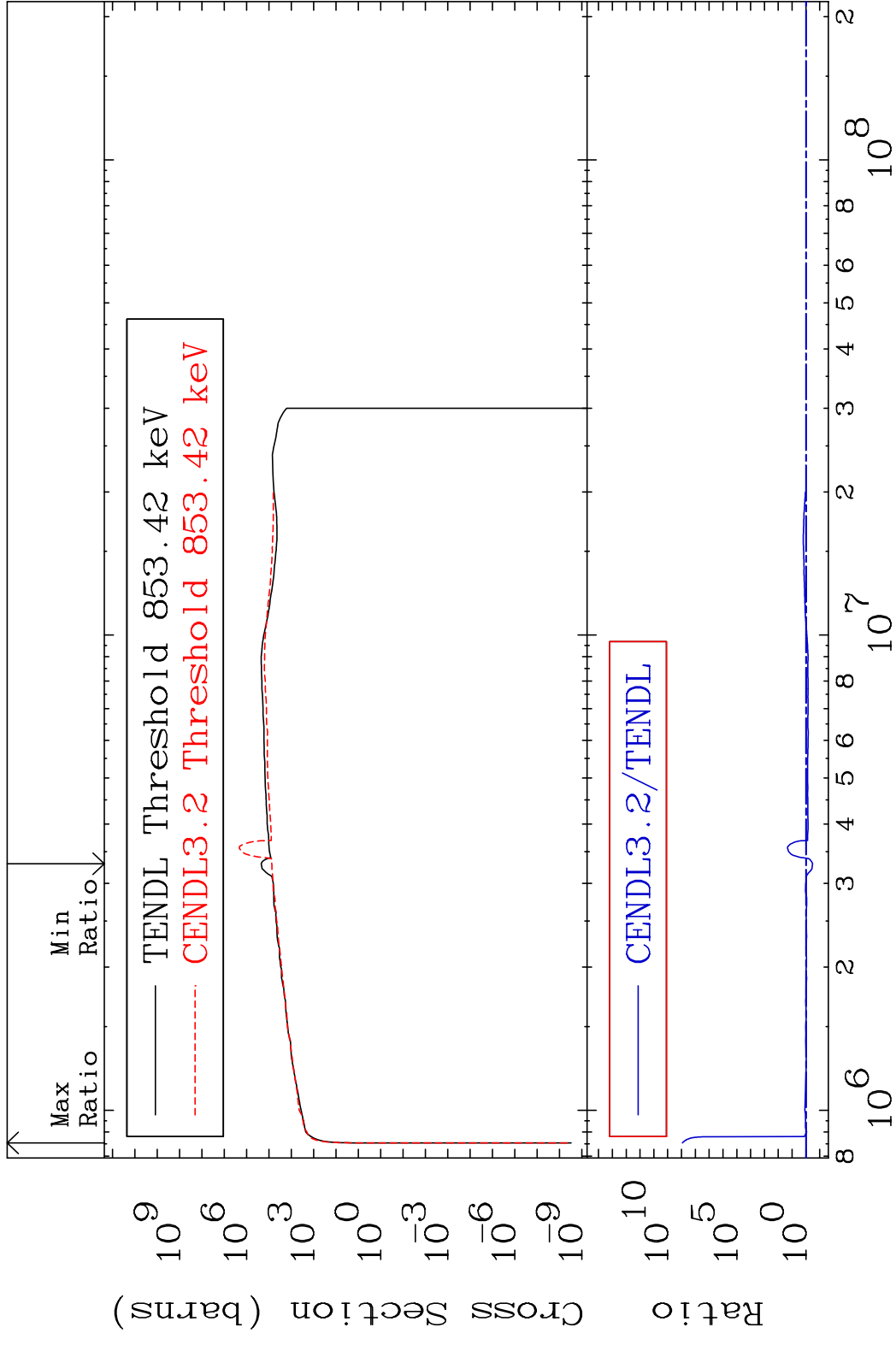
Incident Energy (eV)

54-Xe-134

MAT 5455 Kerma non-elastic (all but mt2) 54-Xe-134
 Cross Section -187.8 To 9999. %

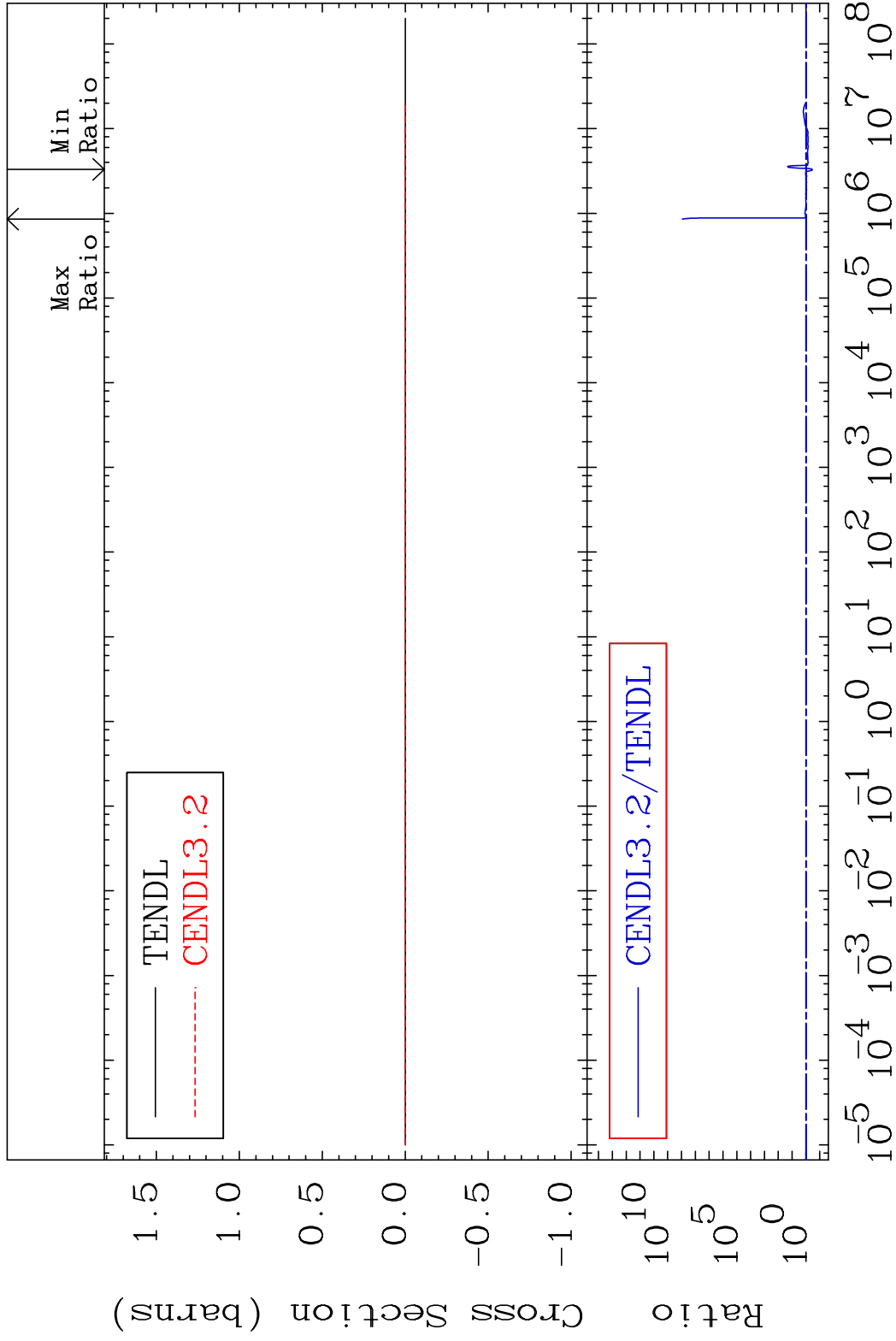


MAT 5455 Kerma inelastic (mt51-91) 54-Xe-134
 Cross Section -66.84 To 9999. %



40 Incident Energy (eV) 54-Xe-134

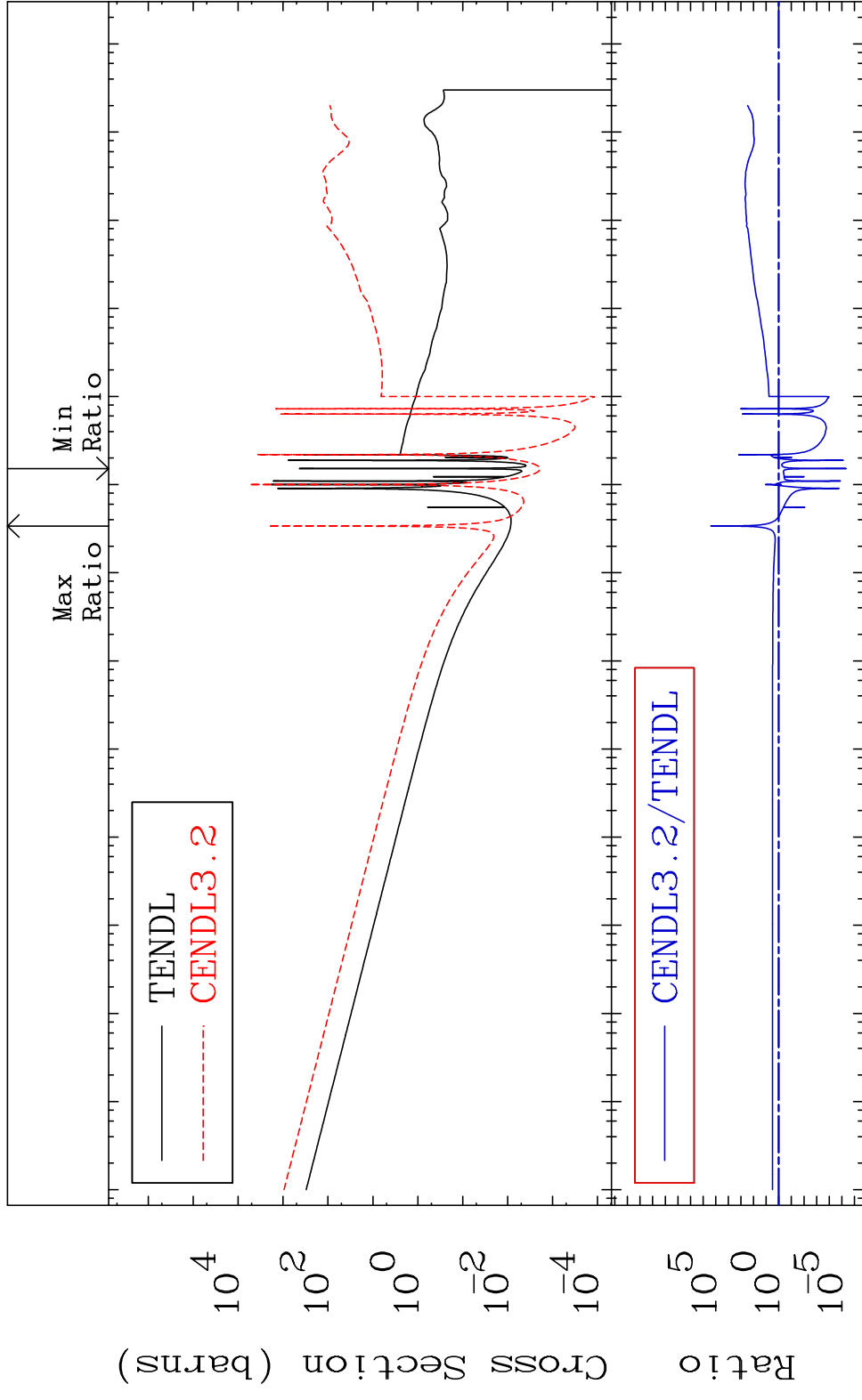
MAT 5455 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-134
 Cross Section -66.84 To 9999. %



MAT 5455

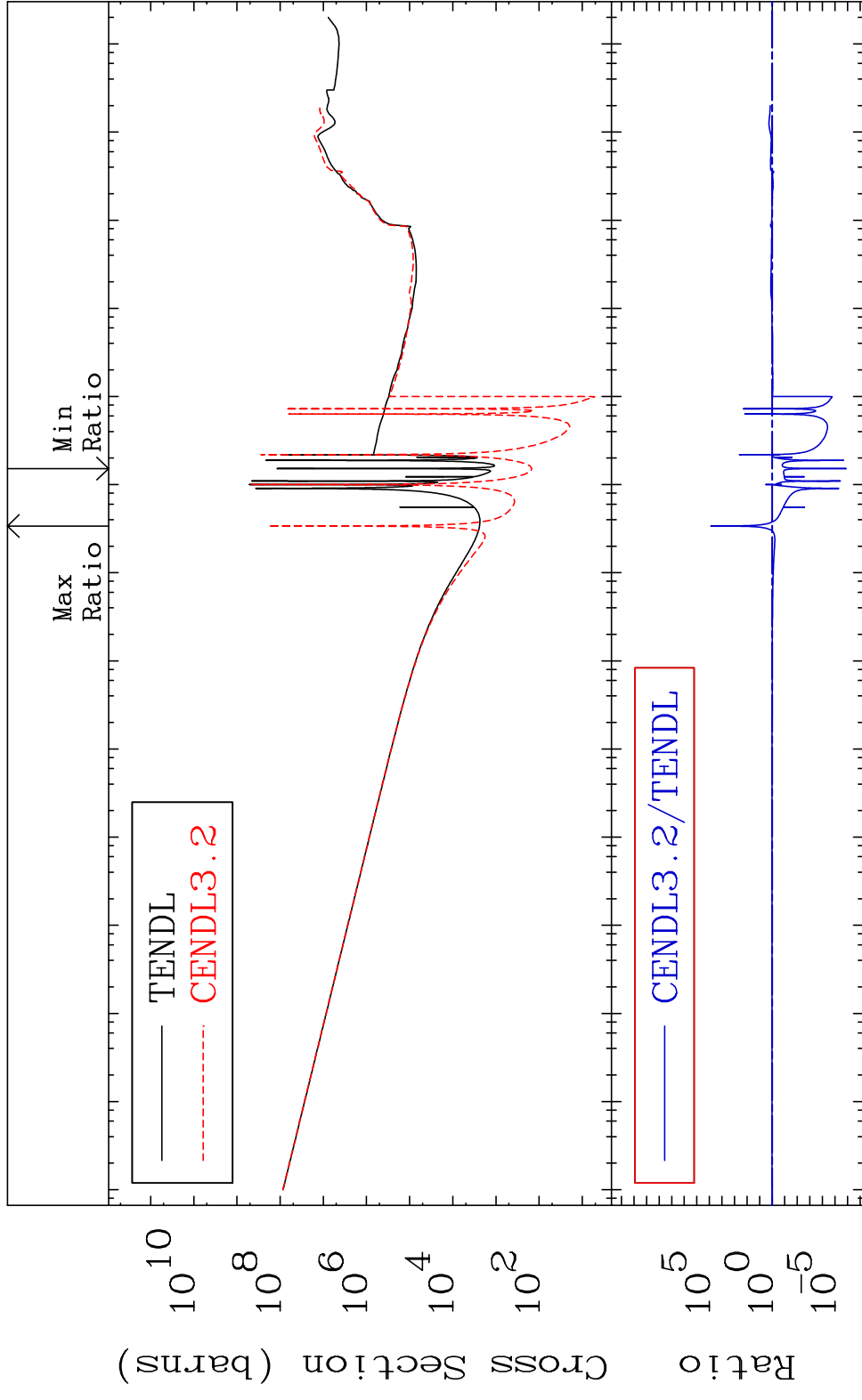
Kerma capture (mt102) 54-Xe-134

Cross Section -100.0 To 9999. %



MAT 5455

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

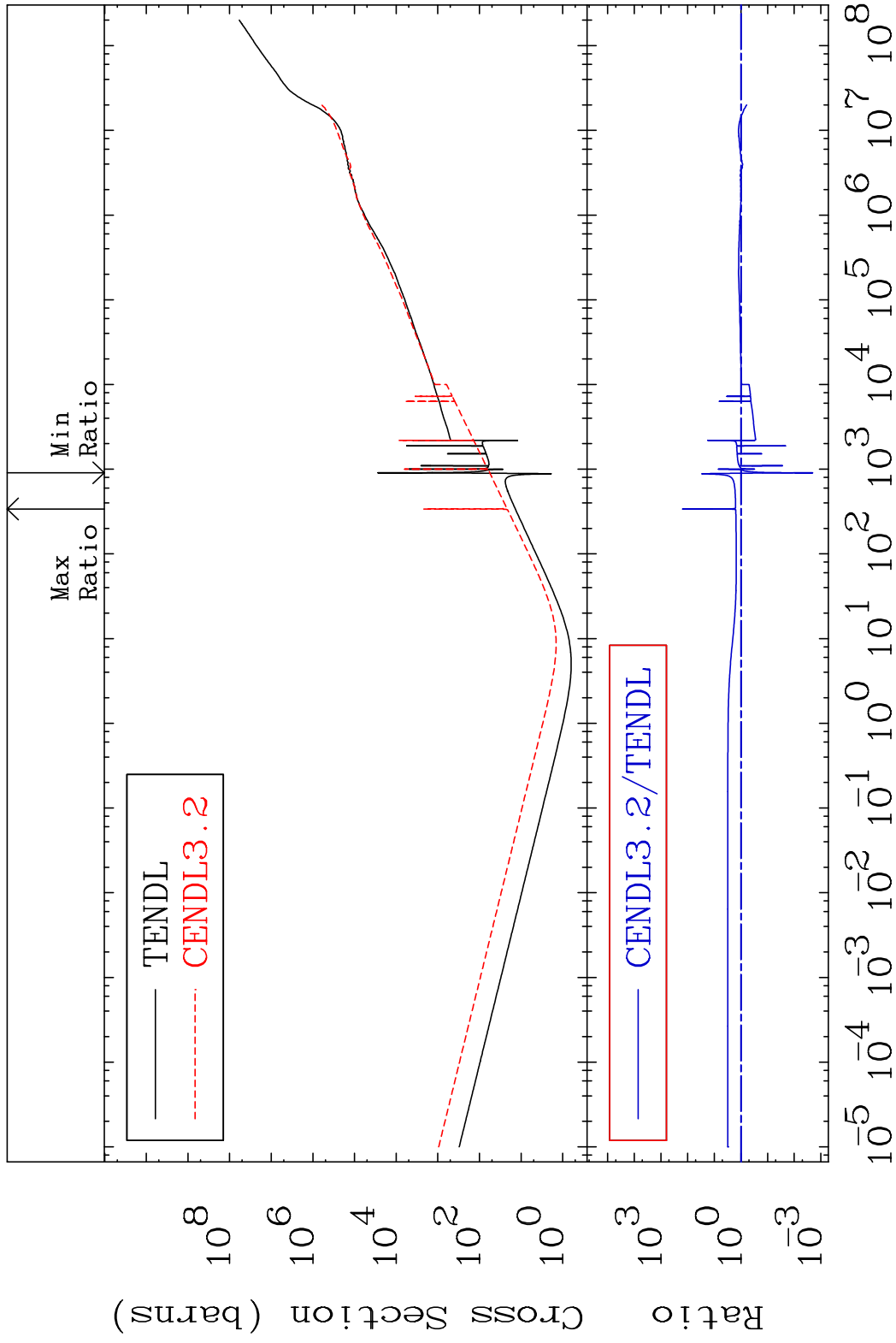


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Incident Energy (eV)

54-Xe-134

MAT 5455 Total kinematic kerma (high limit) 54-Xe-134
 Cross Section -99.79 To 9999. %

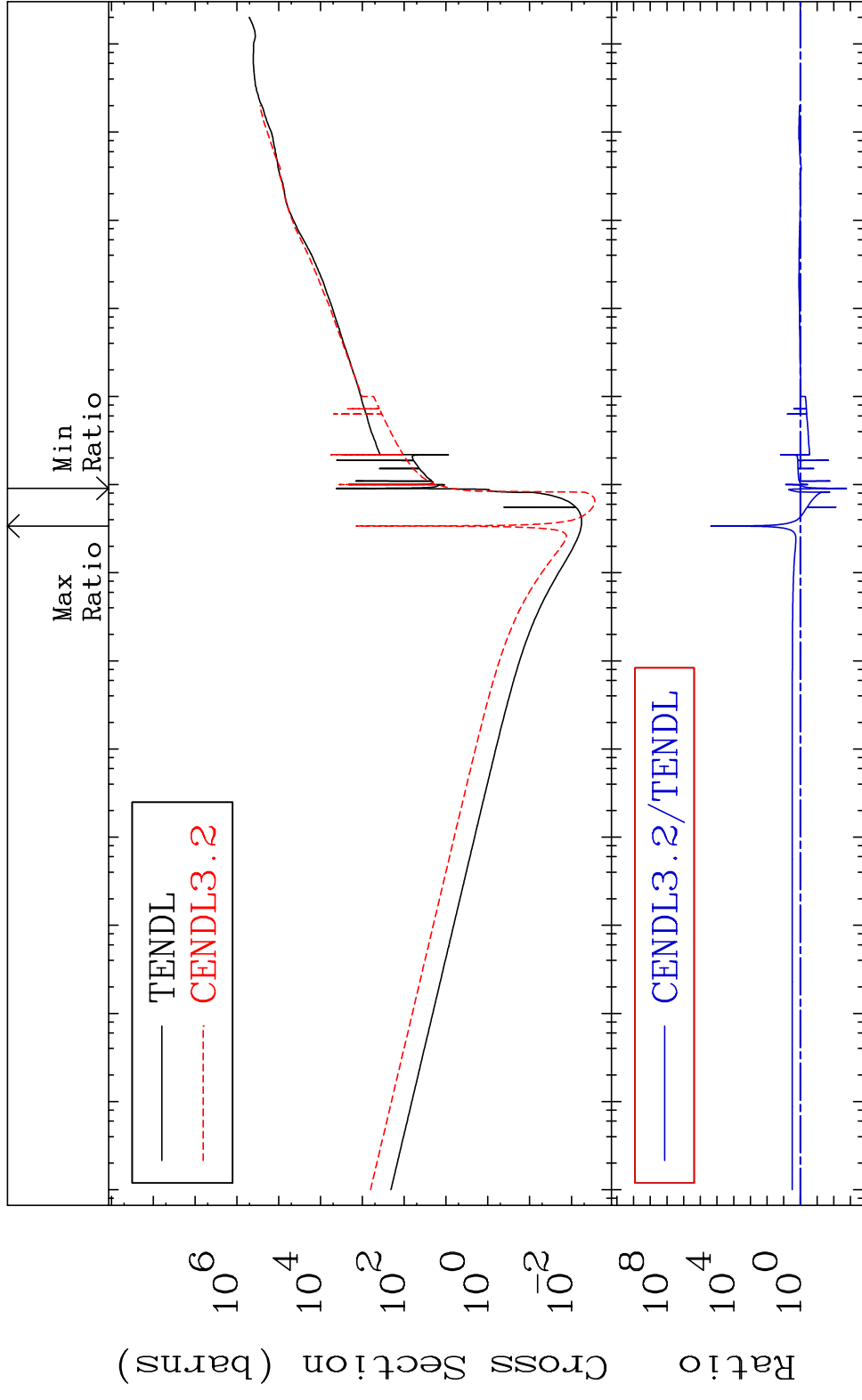


MAT 5455

Dpa total (eV-barns)

54-Xe-134

Cross Section -99.82 To 9999. %



45

Incident Energy (eV)

54-Xe-134

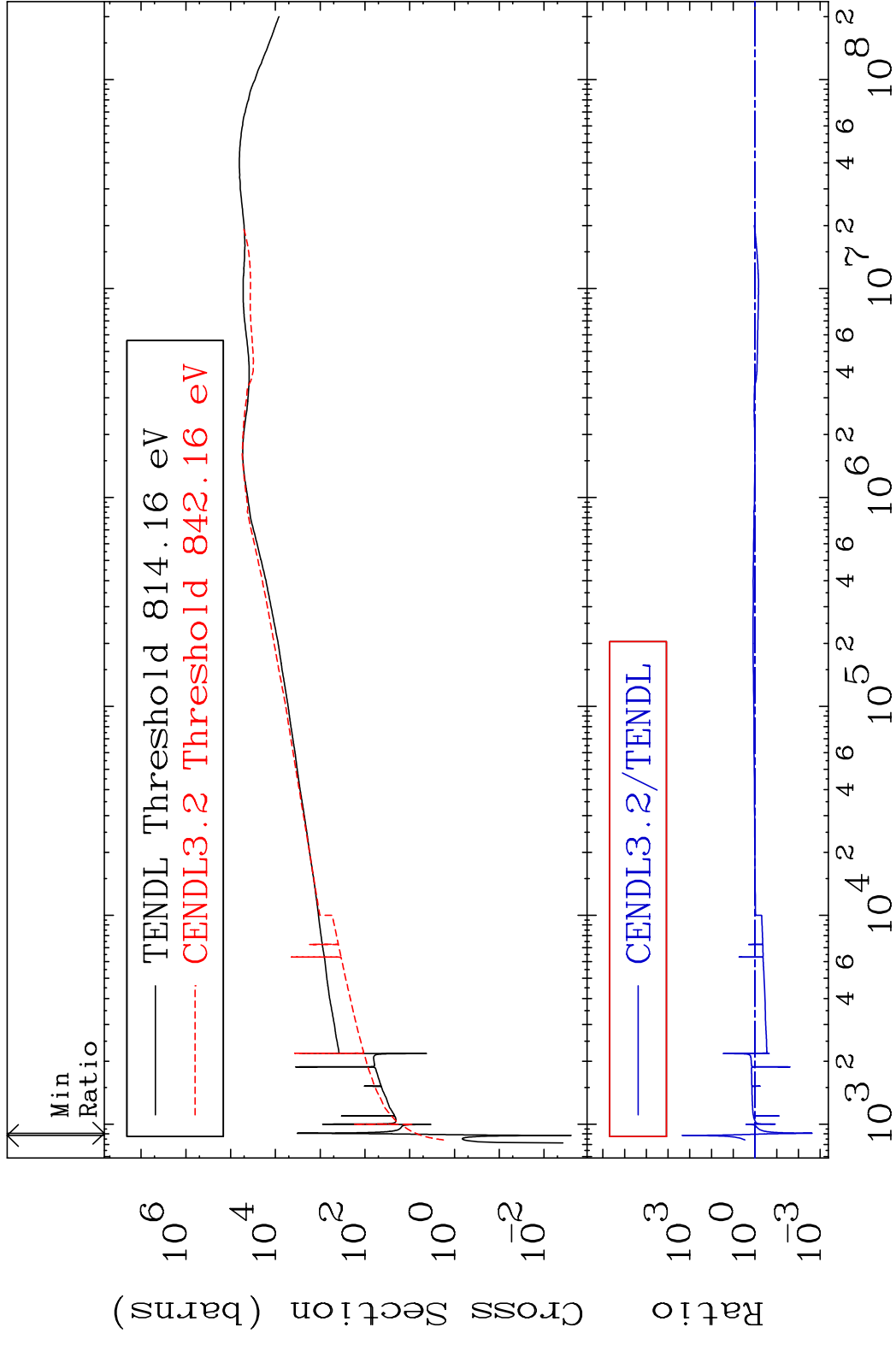
MAT 5455

Dpa elastic (mt2)

54-Xe-134

Cross Section

-99.78 To 9999. %

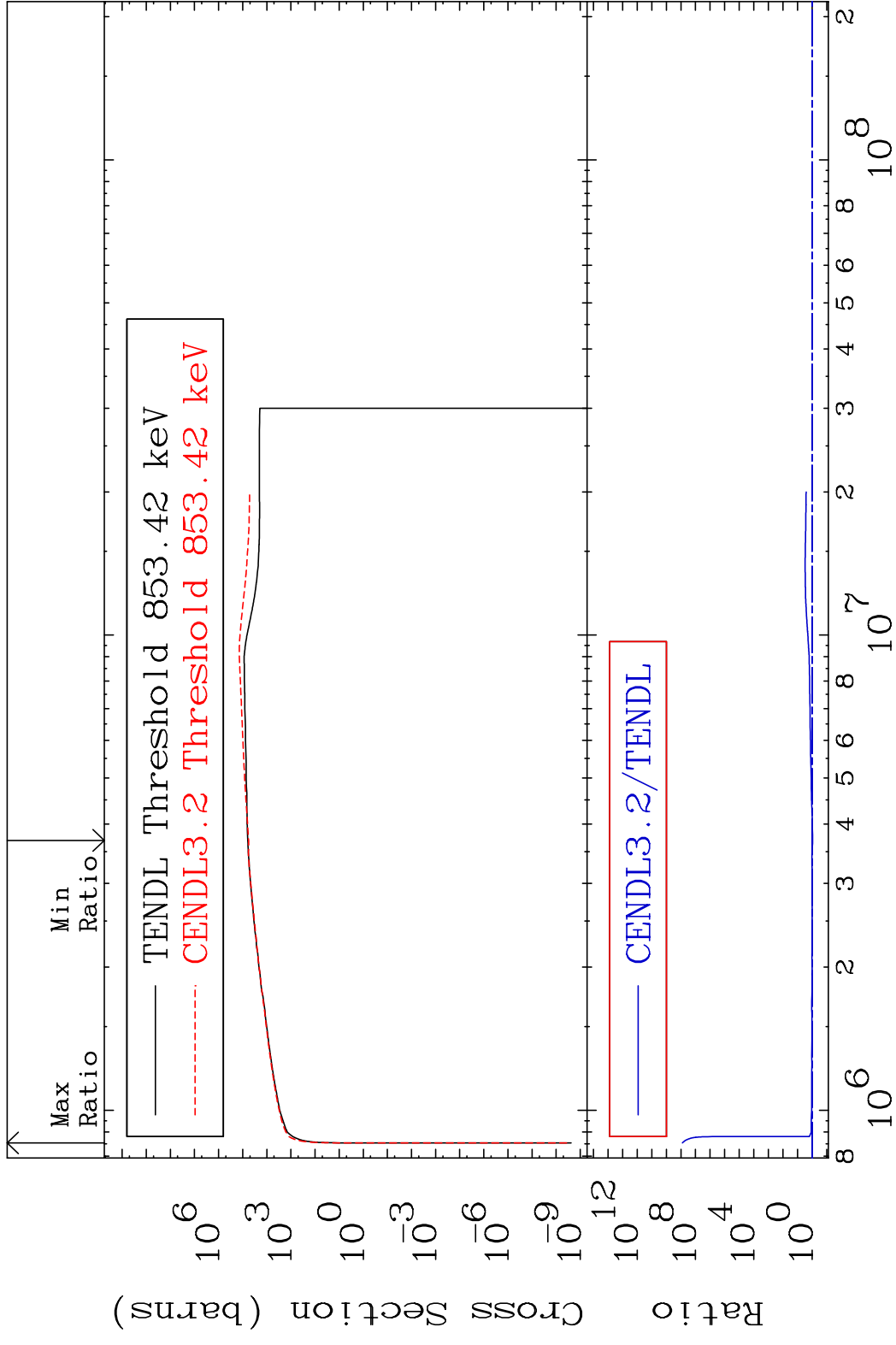


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Incident Energy (eV)

54-Xe-134

MAT 5455 Dpa inelastic (mt51-91) 54-Xe-134
 Cross Section -7.540 To 9999. %



47 Incident Energy (eV) 54-Xe-134

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

