

Program Complot
(Version 2021-1)

by

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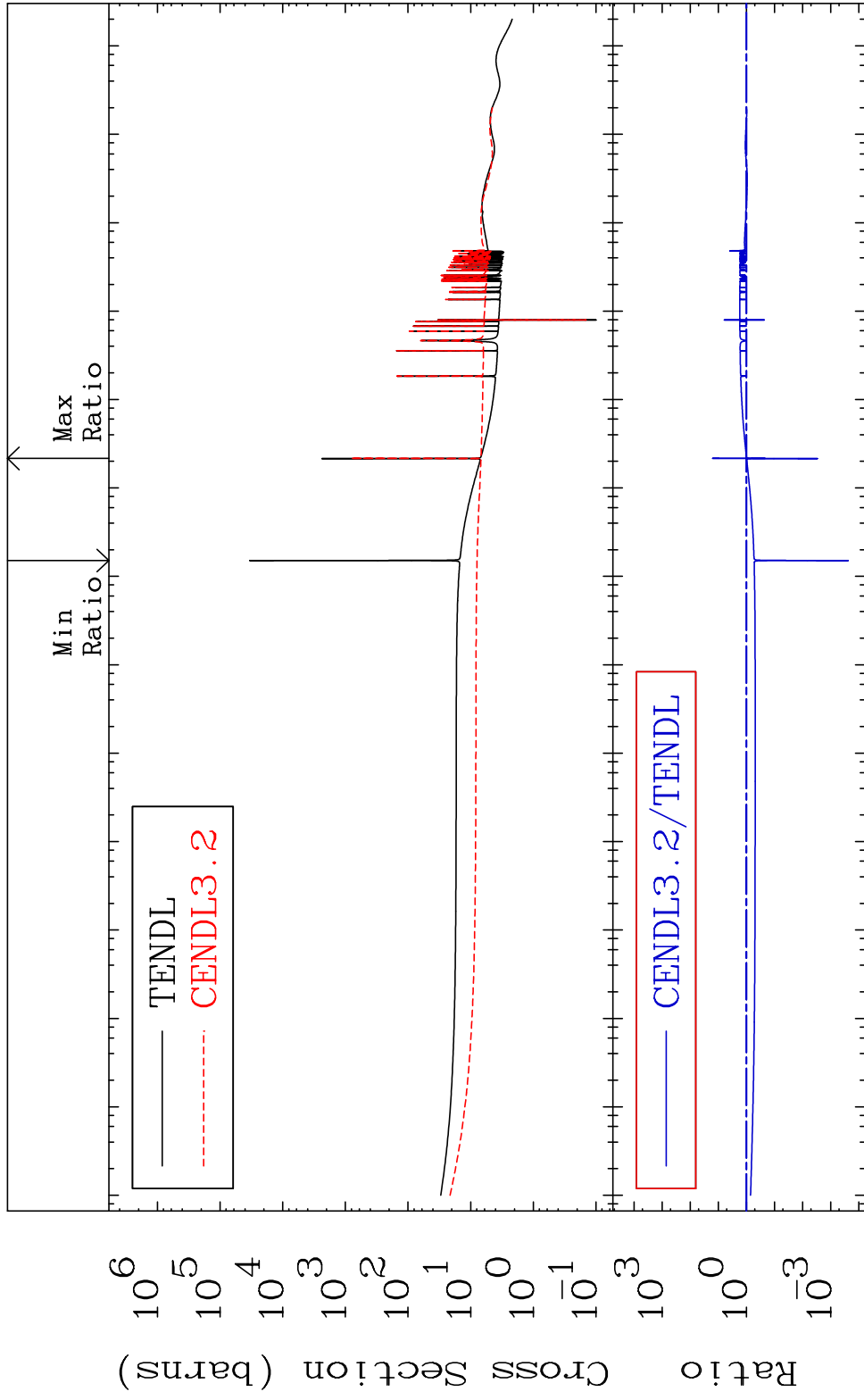
Press Mouse Button to Start

MAT 5461

Total

54-Xe-136

Cross Section -99.98 To 1525. %



1

Incident Energy (eV)

54-Xe-136

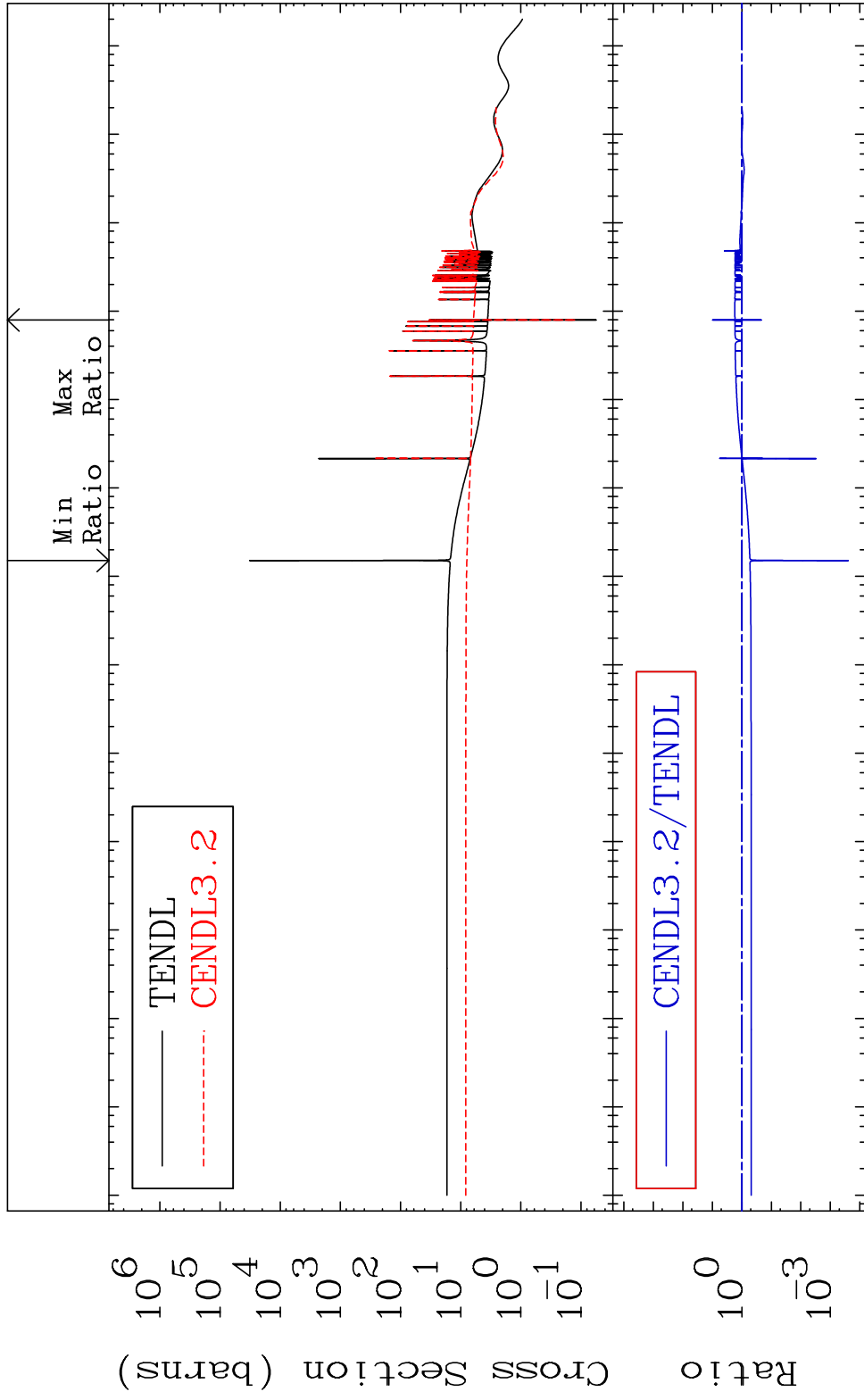
MAT 5461

Elastic

54-Xe-136

Cross Section

-99.98 To 894.3 %



2

Incident Energy (eV)

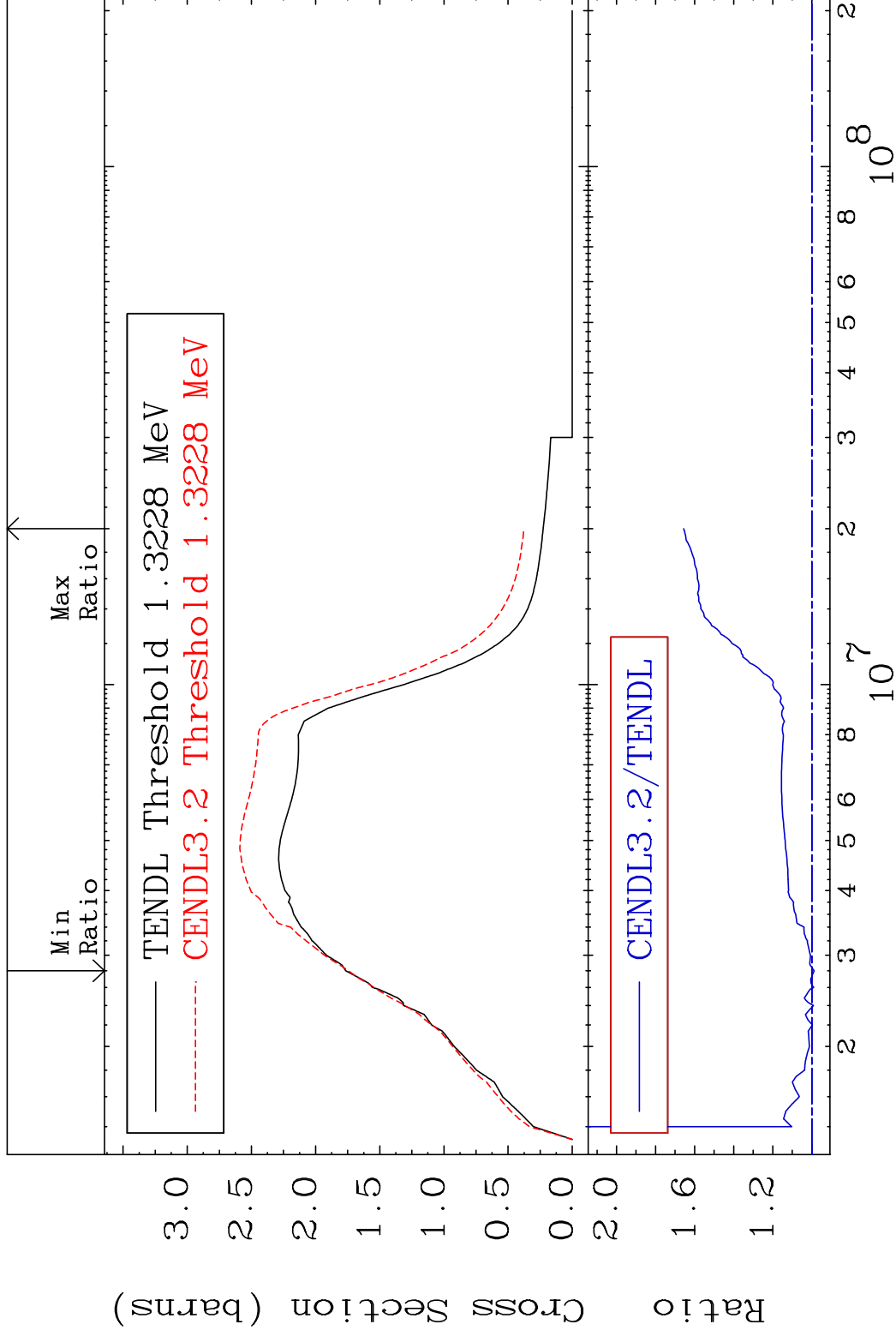
54-Xe-136

MAT 5461

Inelastic

54-Xe-136

Cross Section -1.153 To 65.63 %



3

Incident Energy (eV)

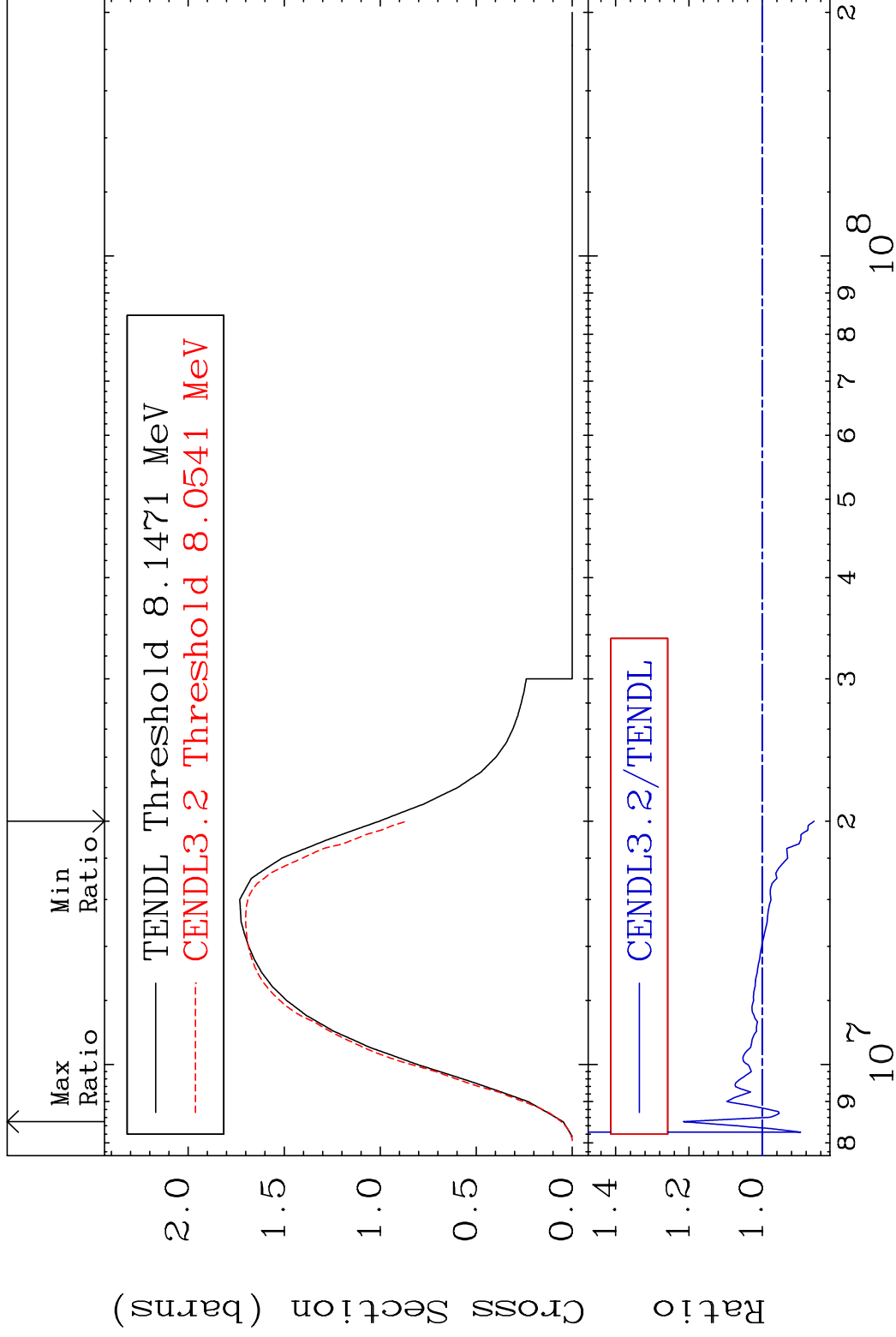
54-Xe-136

MAT 5461

(n,2n)

54-Xe-136

Cross Section -14.17 To 21.45 %



4

Incident Energy (eV)

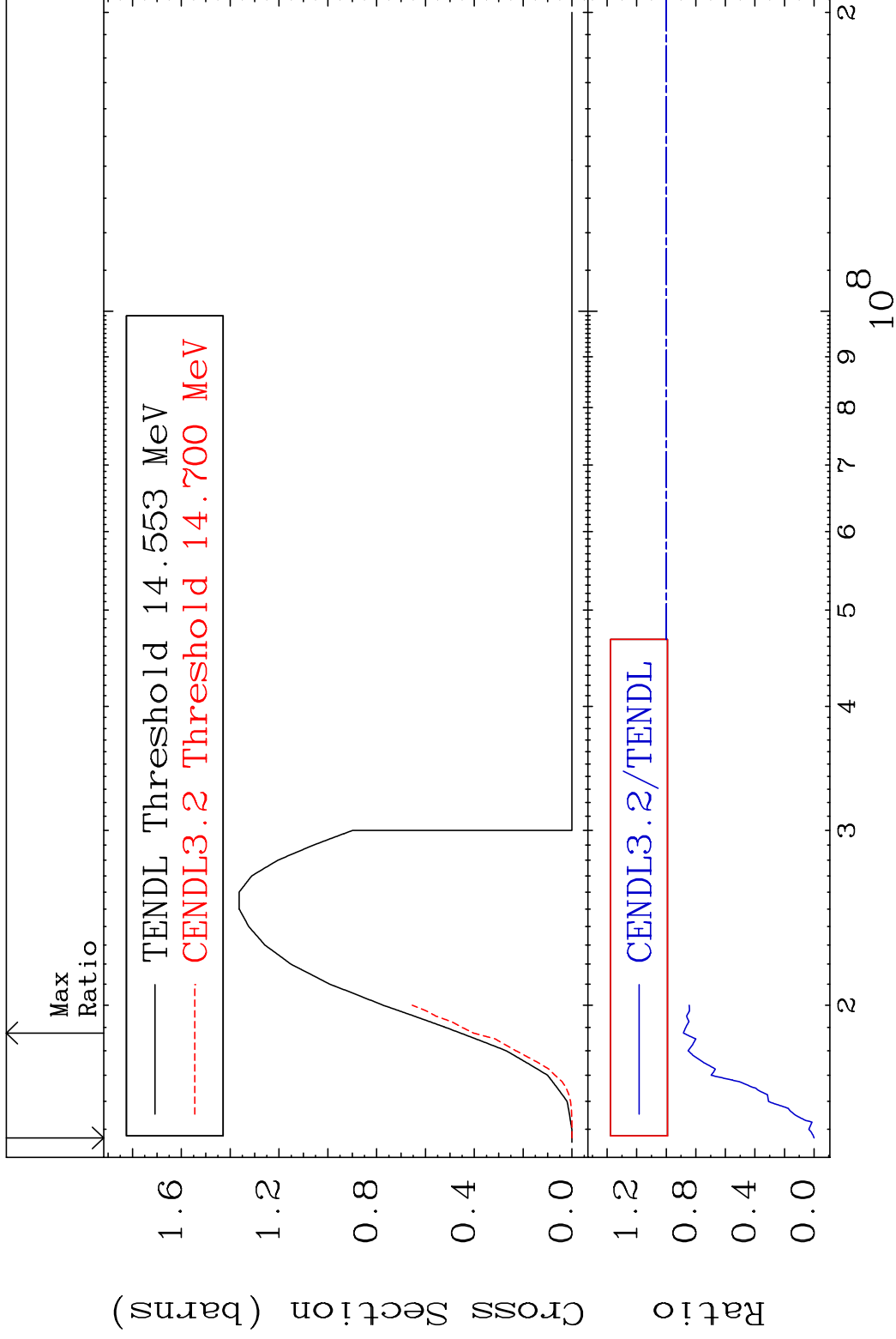
54-Xe-136

MAT 5461

(n,3n)

54-Xe-136

Cross Section -100.0 To -11.63%



5

Incident Energy (eV)

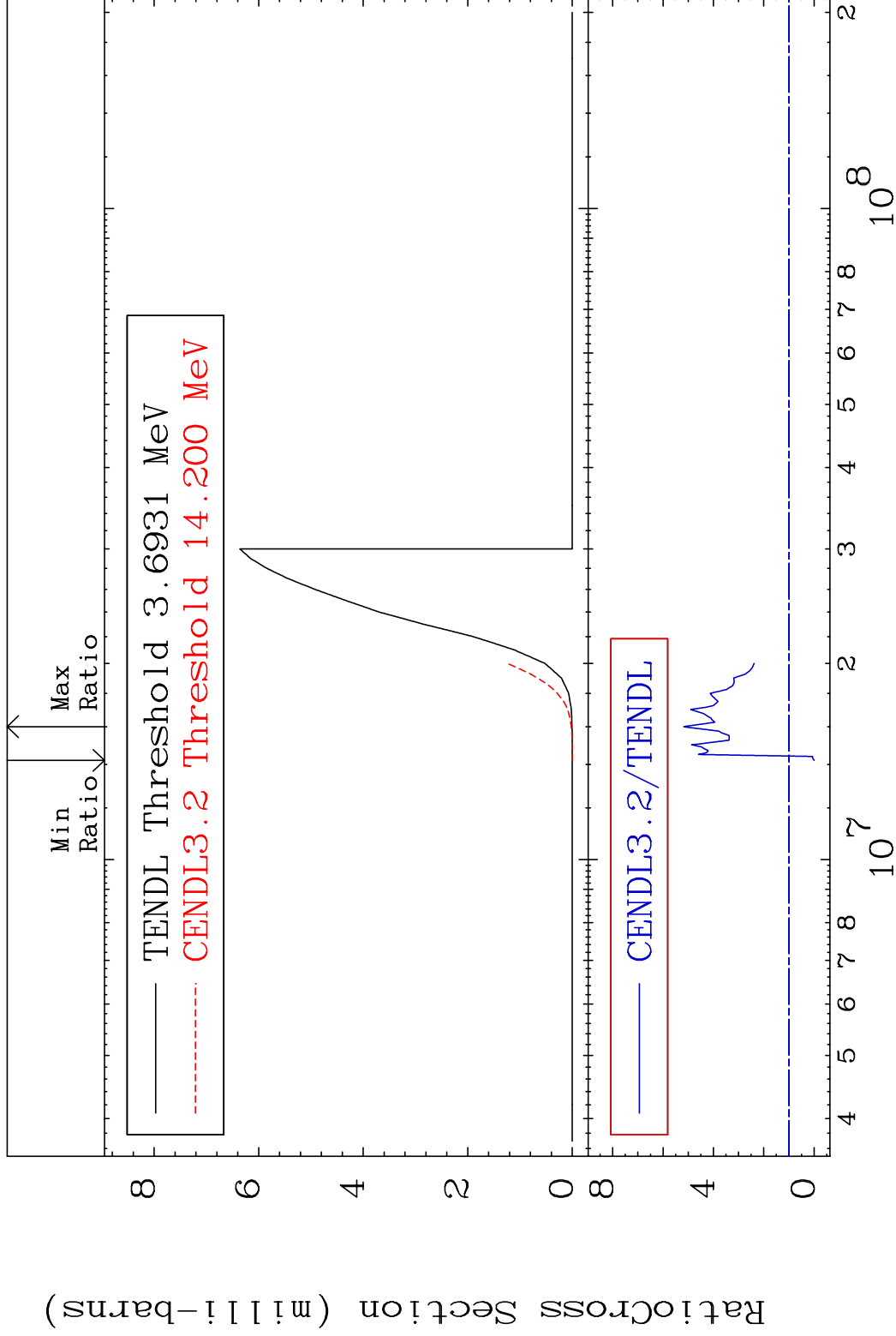
54-Xe-136

MAT 5461

(n, n') α

54-Xe-136

Cross Section -100.0 To 418.1 %



6

Incident Energy (eV)

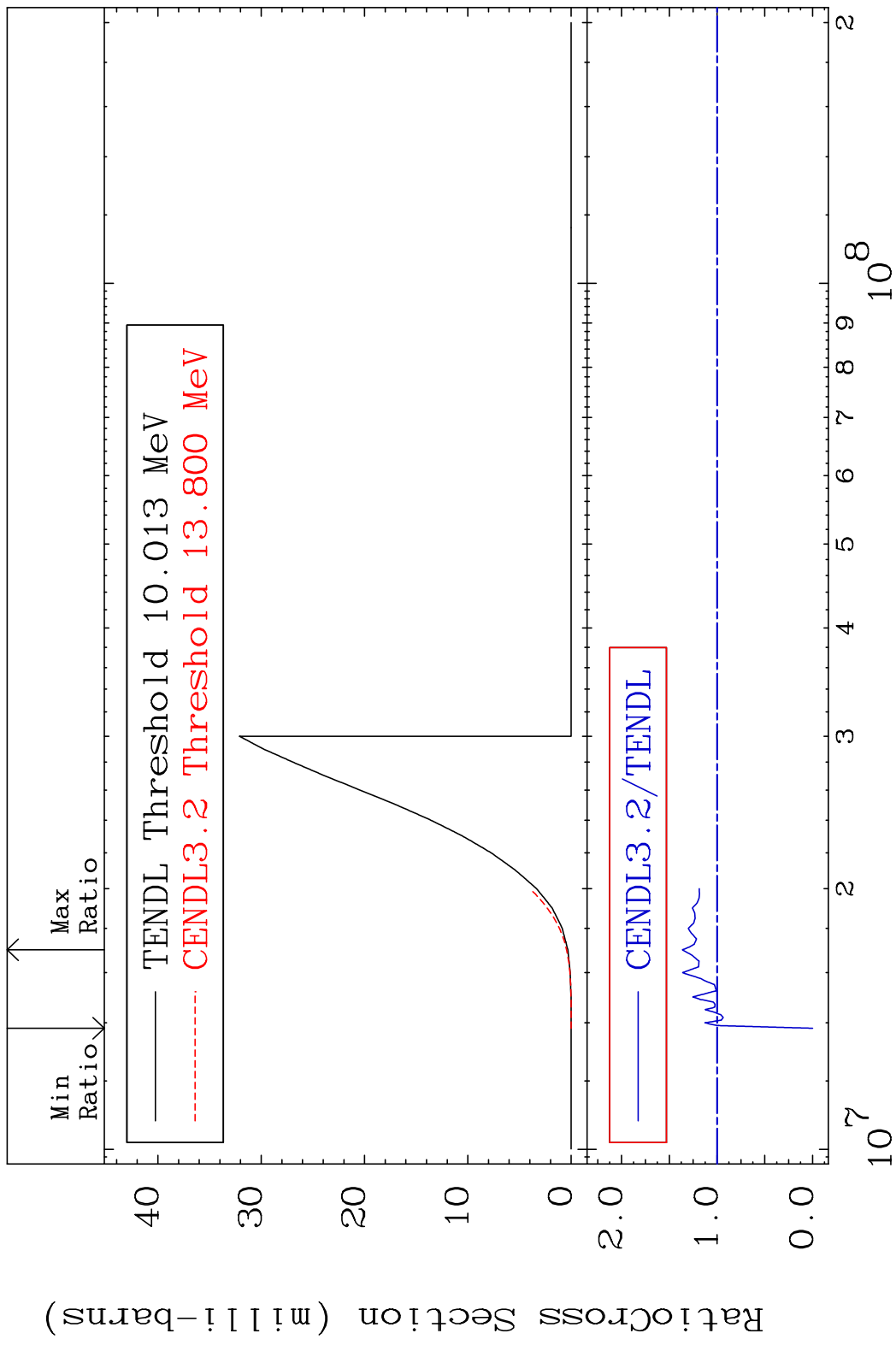
54-Xe-136

MAT 5461

54-Xe-136

(n, n') p

Cross Section -100.0 To 36.37 %



7

Incident Energy (eV)

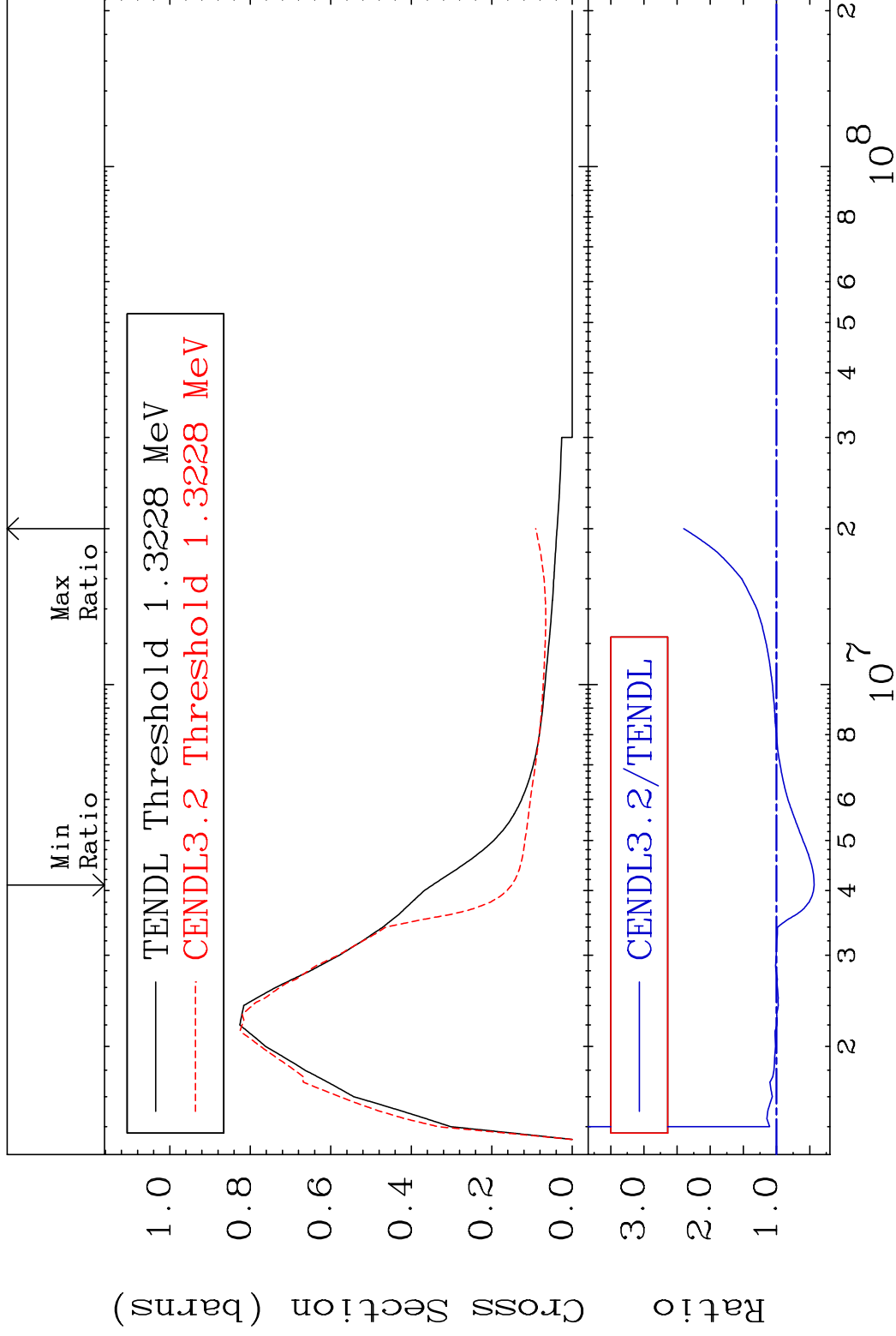
54-Xe-136

MAT 5461

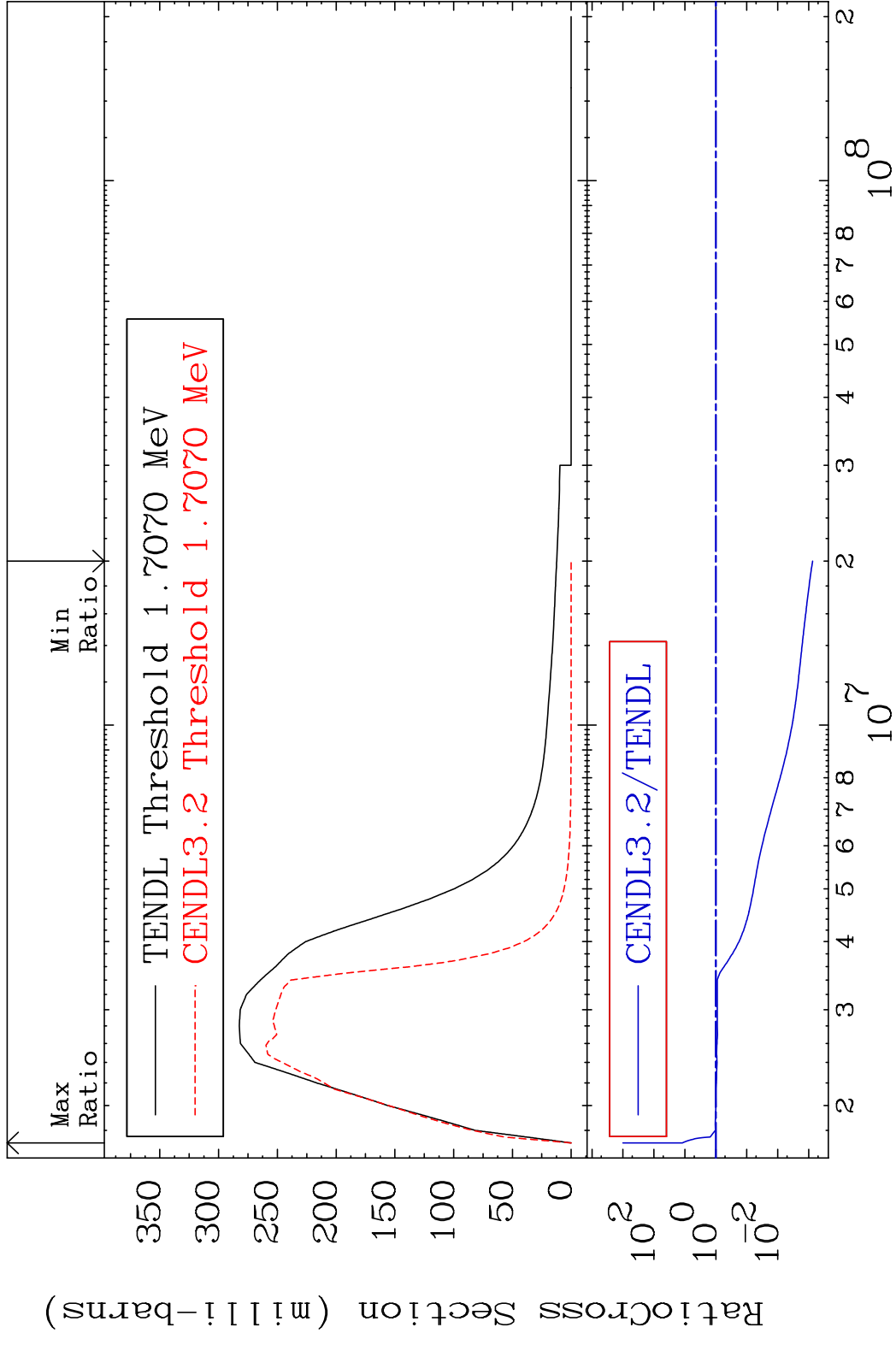
MT= 51 (n, n') Level

54-Xe-136

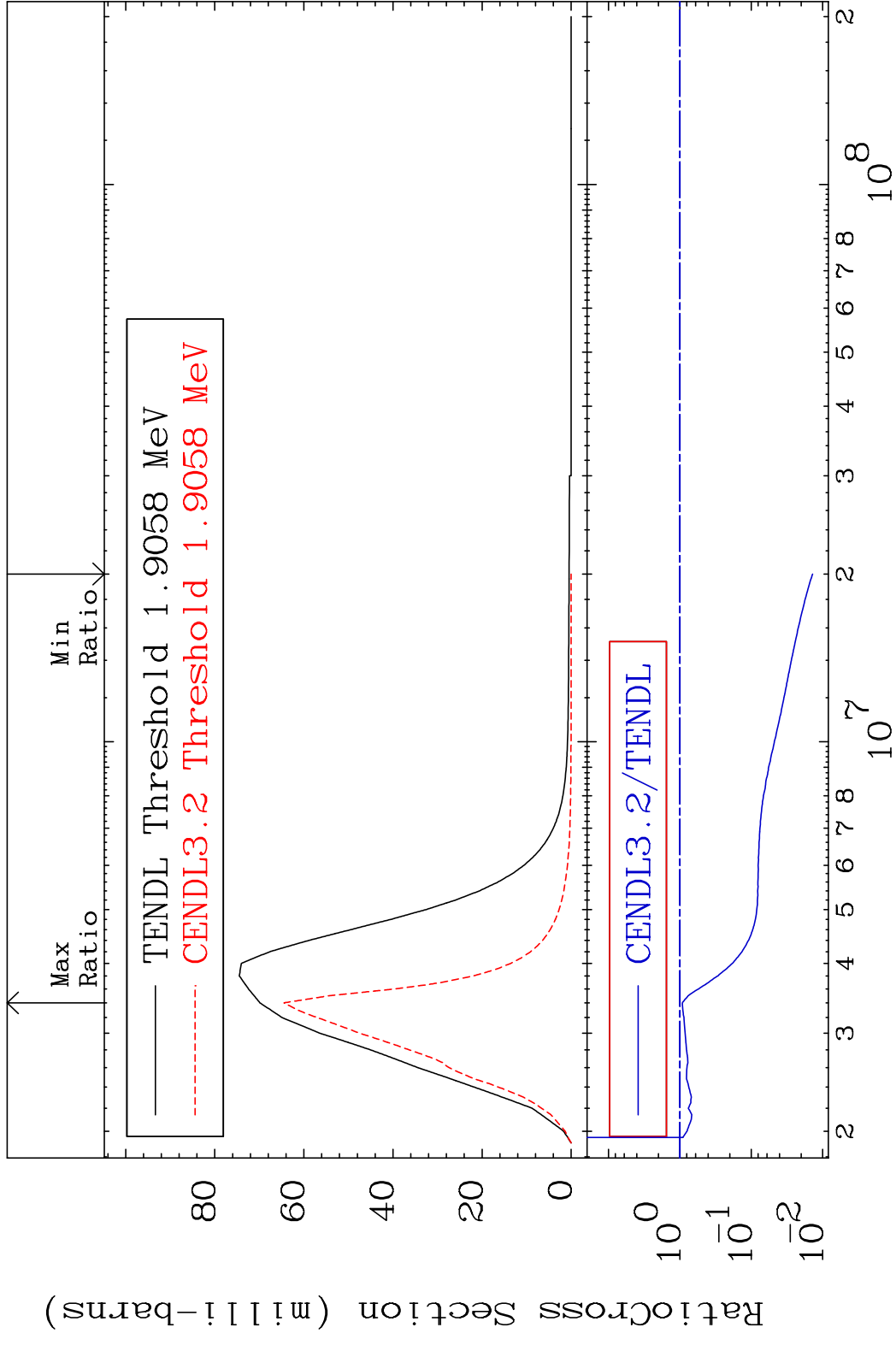
Cross Section -56.63 To 140.1 %



MAT 5461 MT= 52 (n, n') Level 54-Xe-136
 Cross Section -99.92 To 1106. %

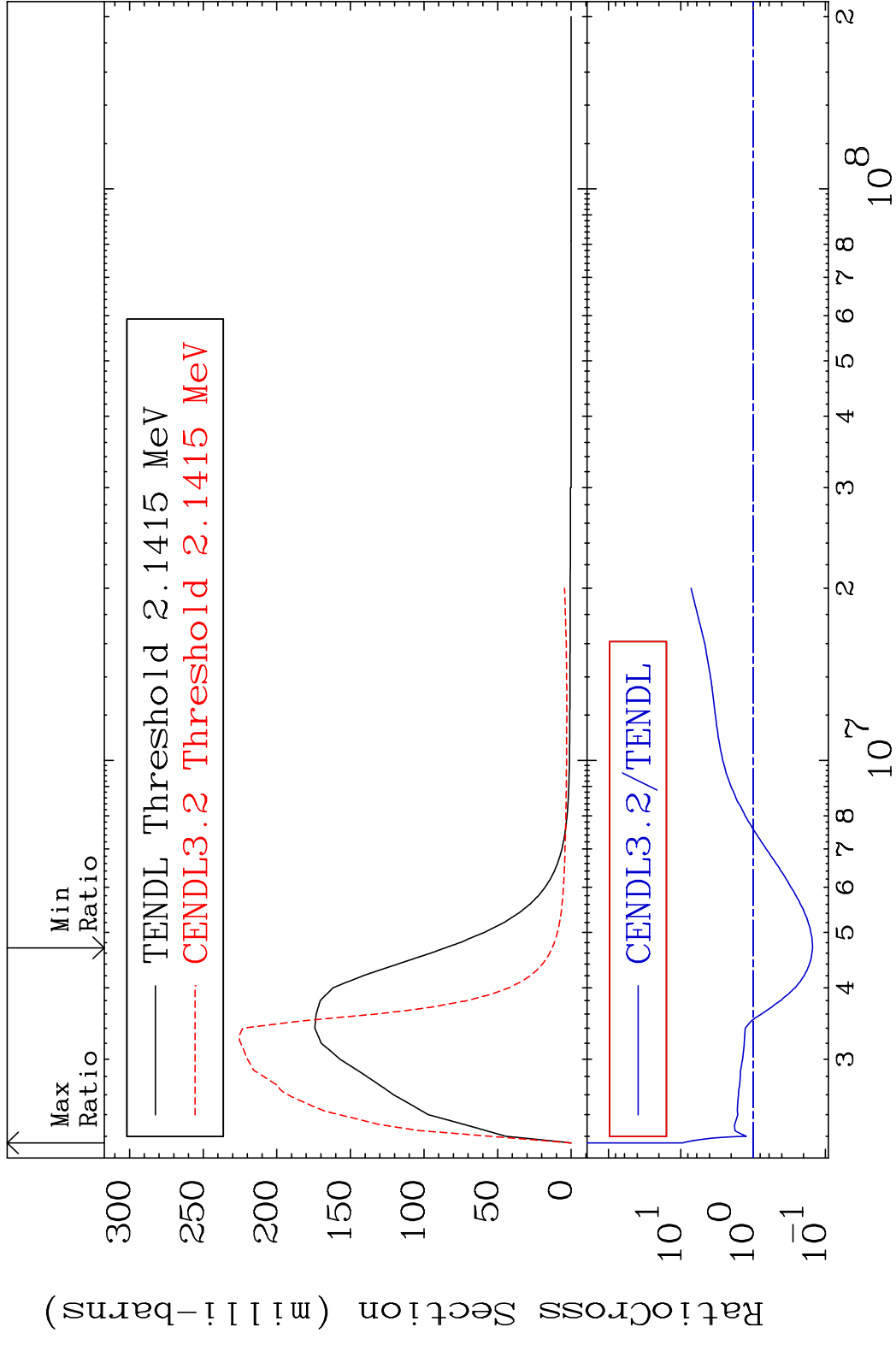


MAT 5461 MT= 53 (n, n') Level 54-Xe-136
 Cross Section -98.62 To -7.738%

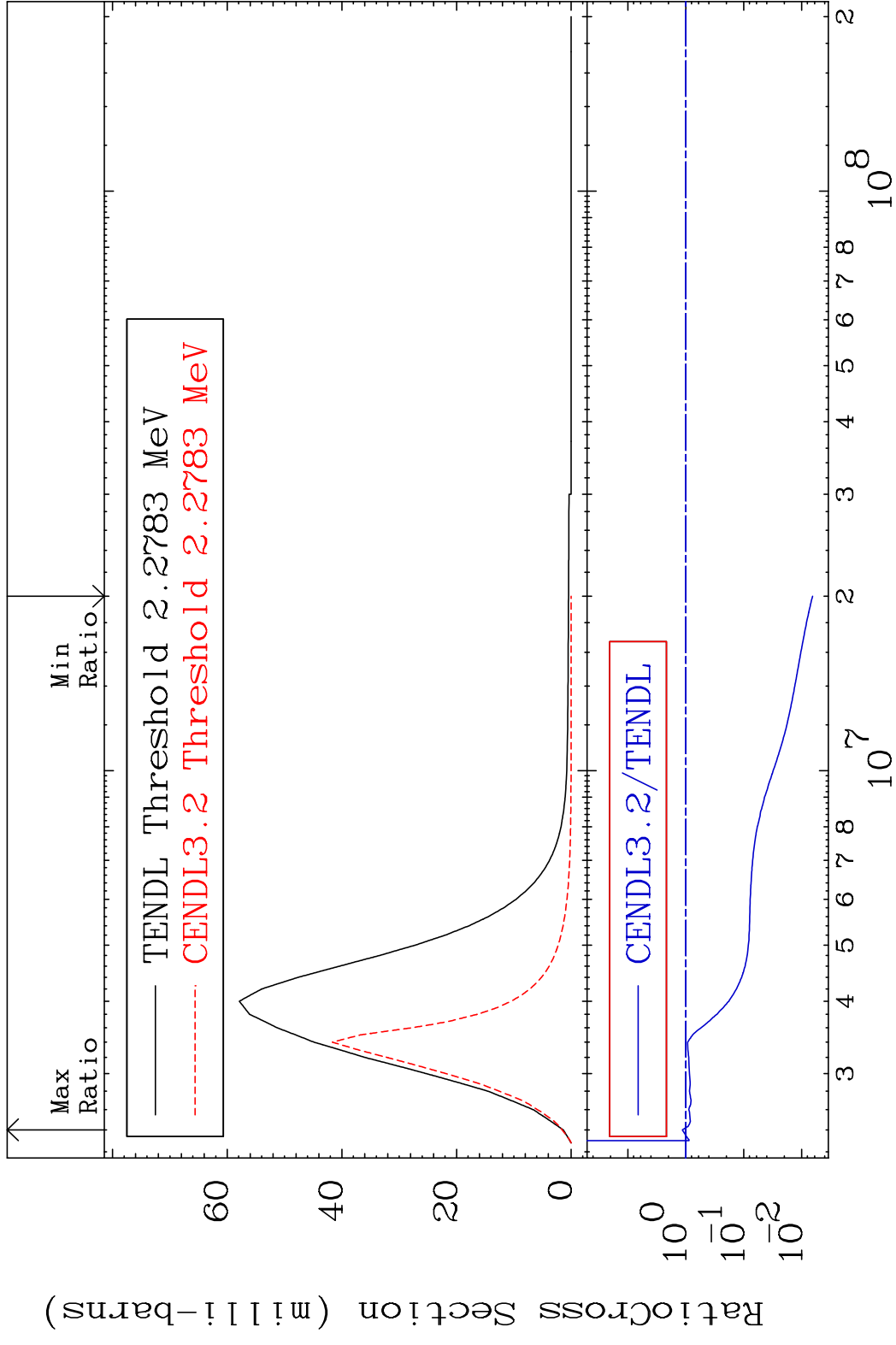


10 Incident Energy (eV) 54-Xe-136

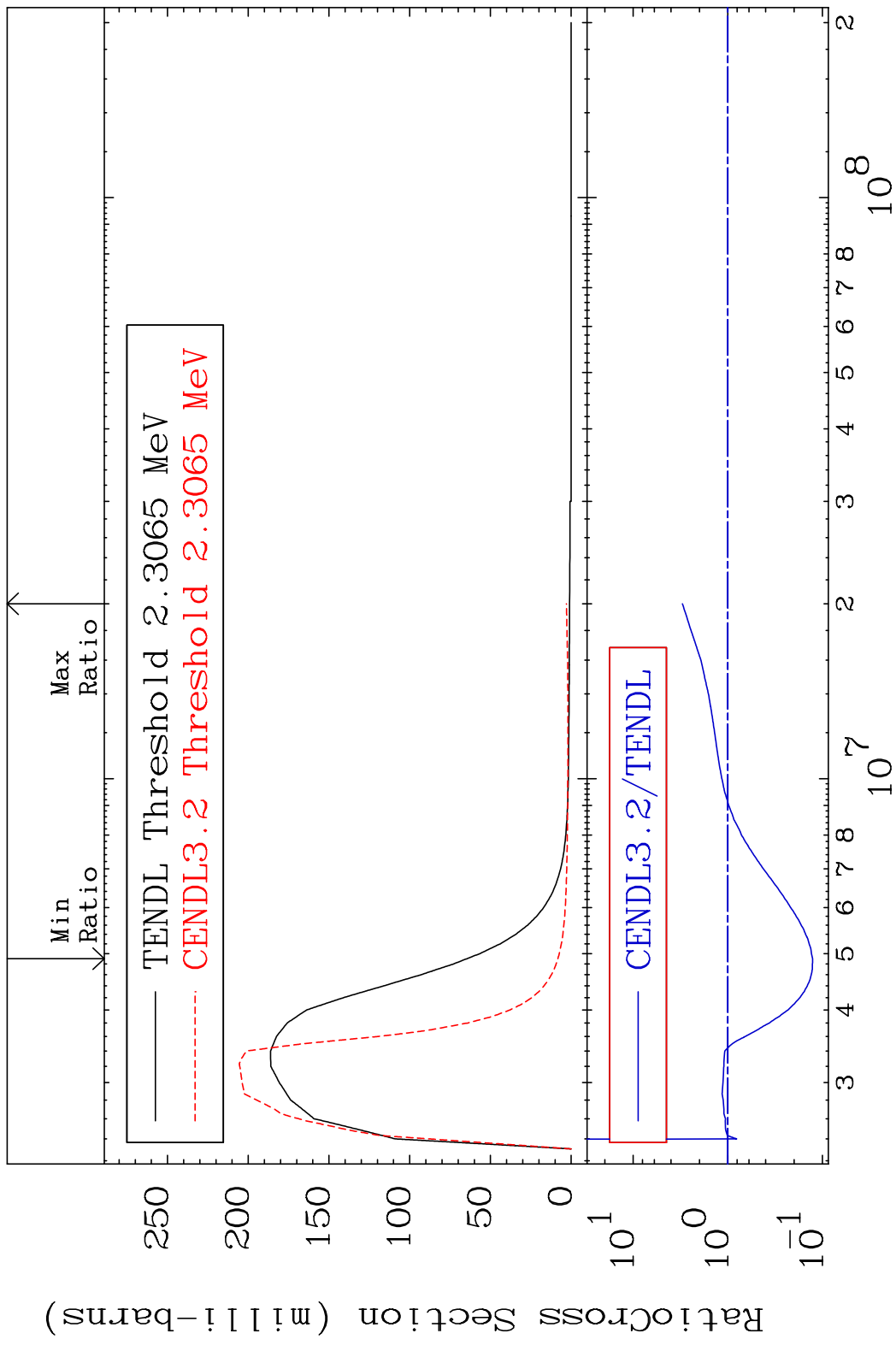
MAT 5461 MT= 54 (n,n') Level 54-Xe-136
 Cross Section -84.98 To 850.8 %



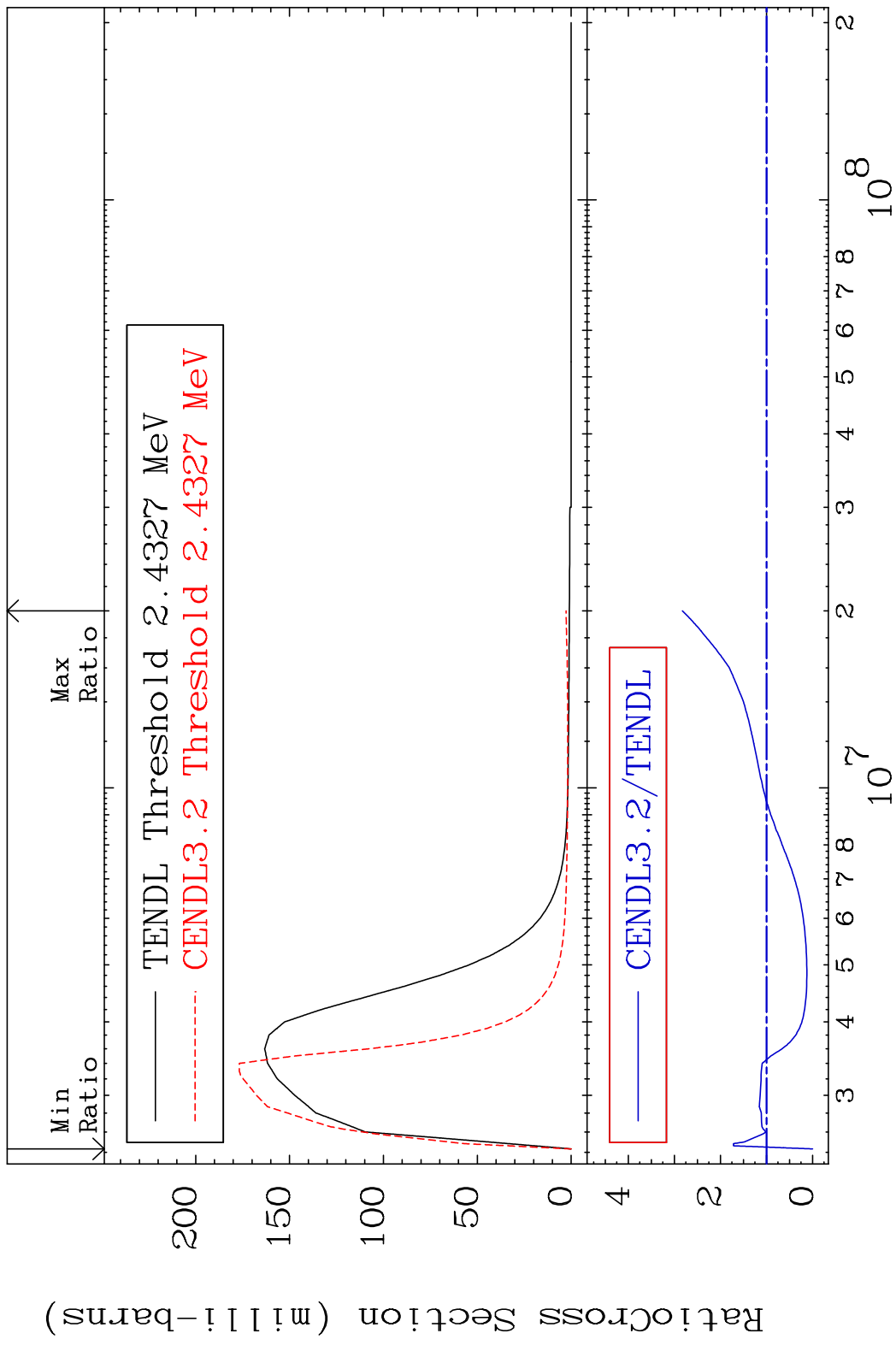
MAT 5461 MT= 55 (n,n') Level 54-Xe-136
 Cross Section -99.35 To 14.77 %



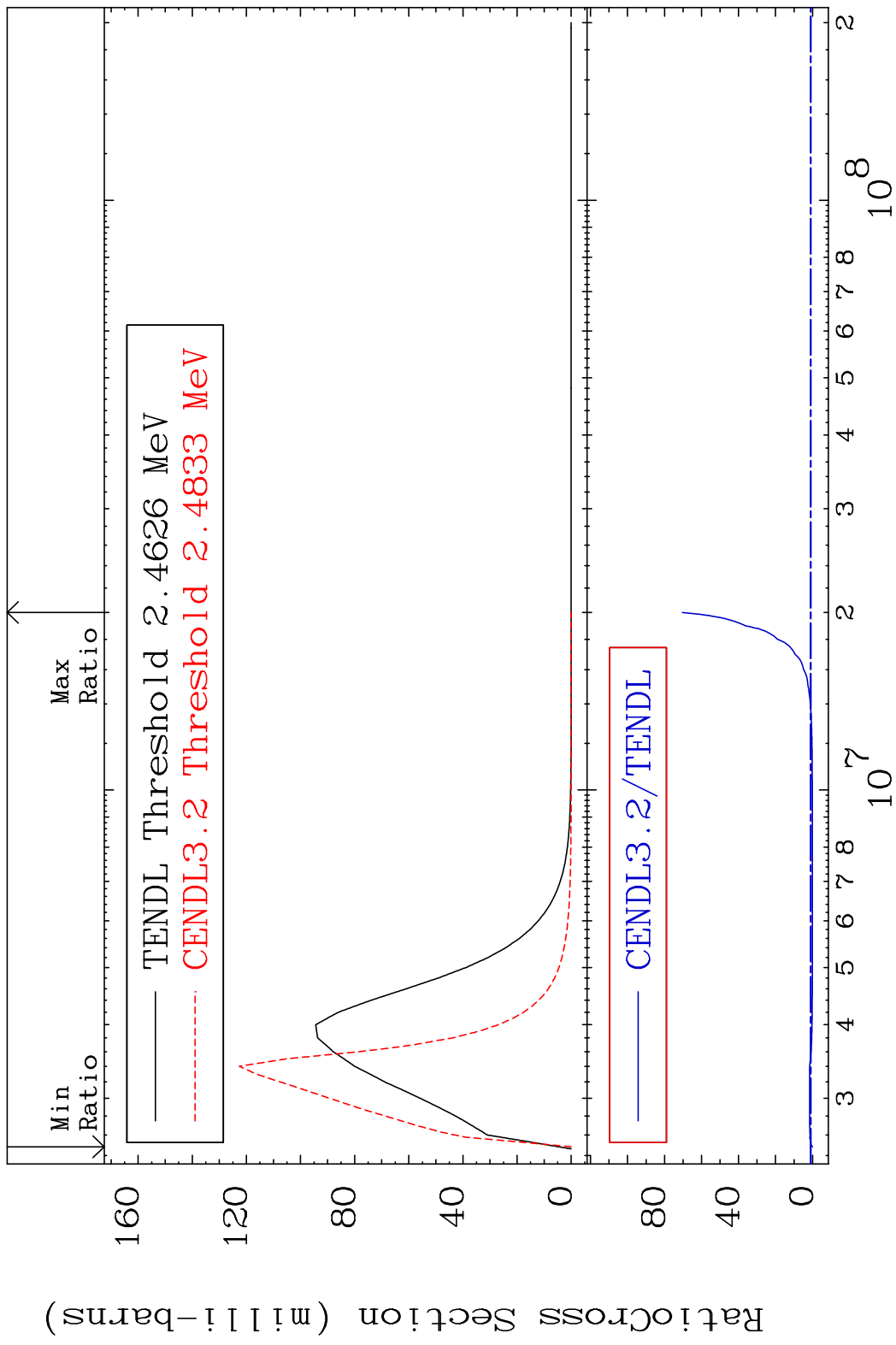
MAT 5461 MT= 56 (n, n') Level 54-Xe-136
 Cross Section -87.26 To 202.7 %



MAT 5461 MT= 57 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 182.6 %

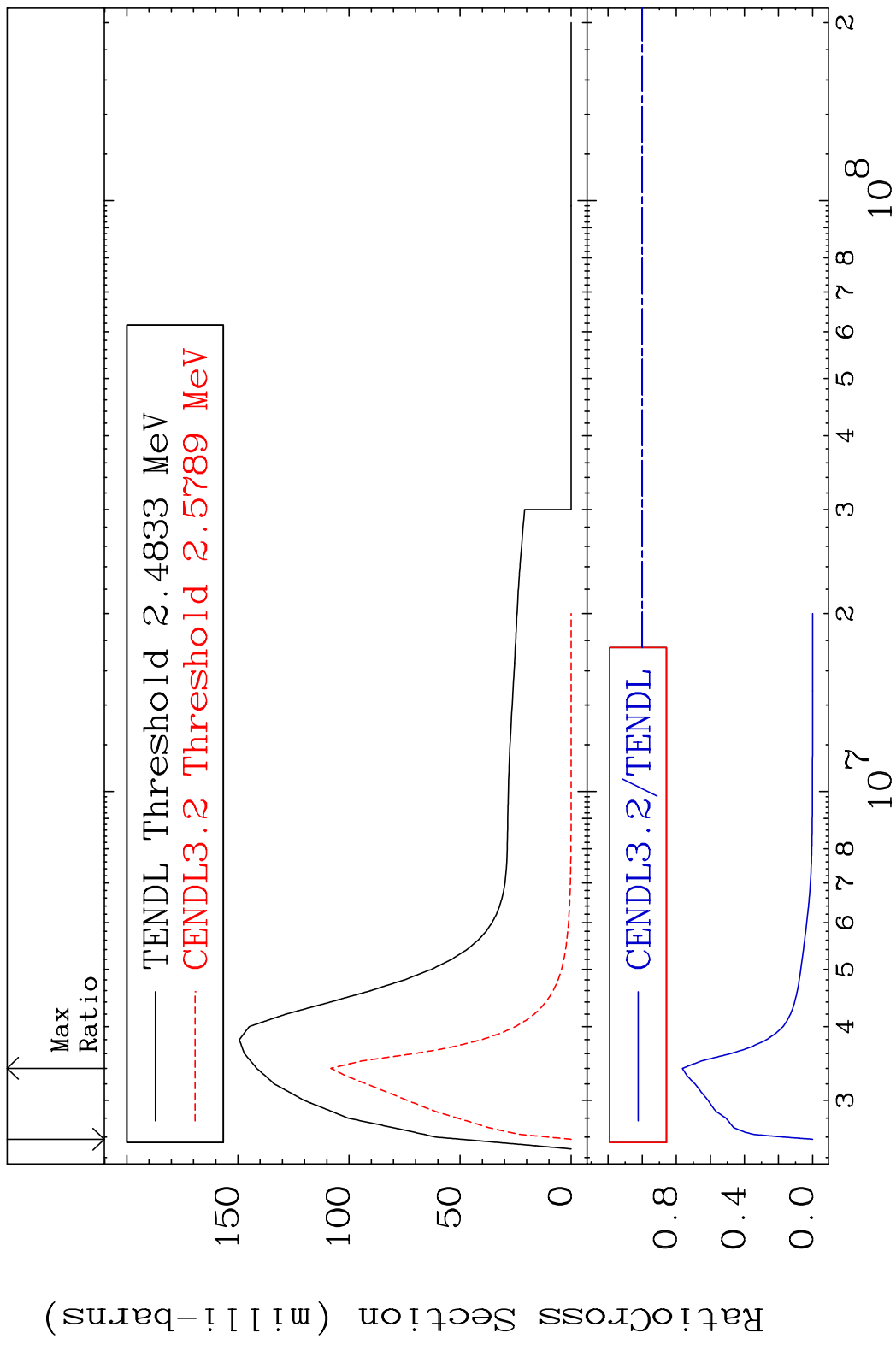


MAT 5461 MT= 58 (n, n') Level 54-Xe-136
 Cross Section -100.0 To 6936. %

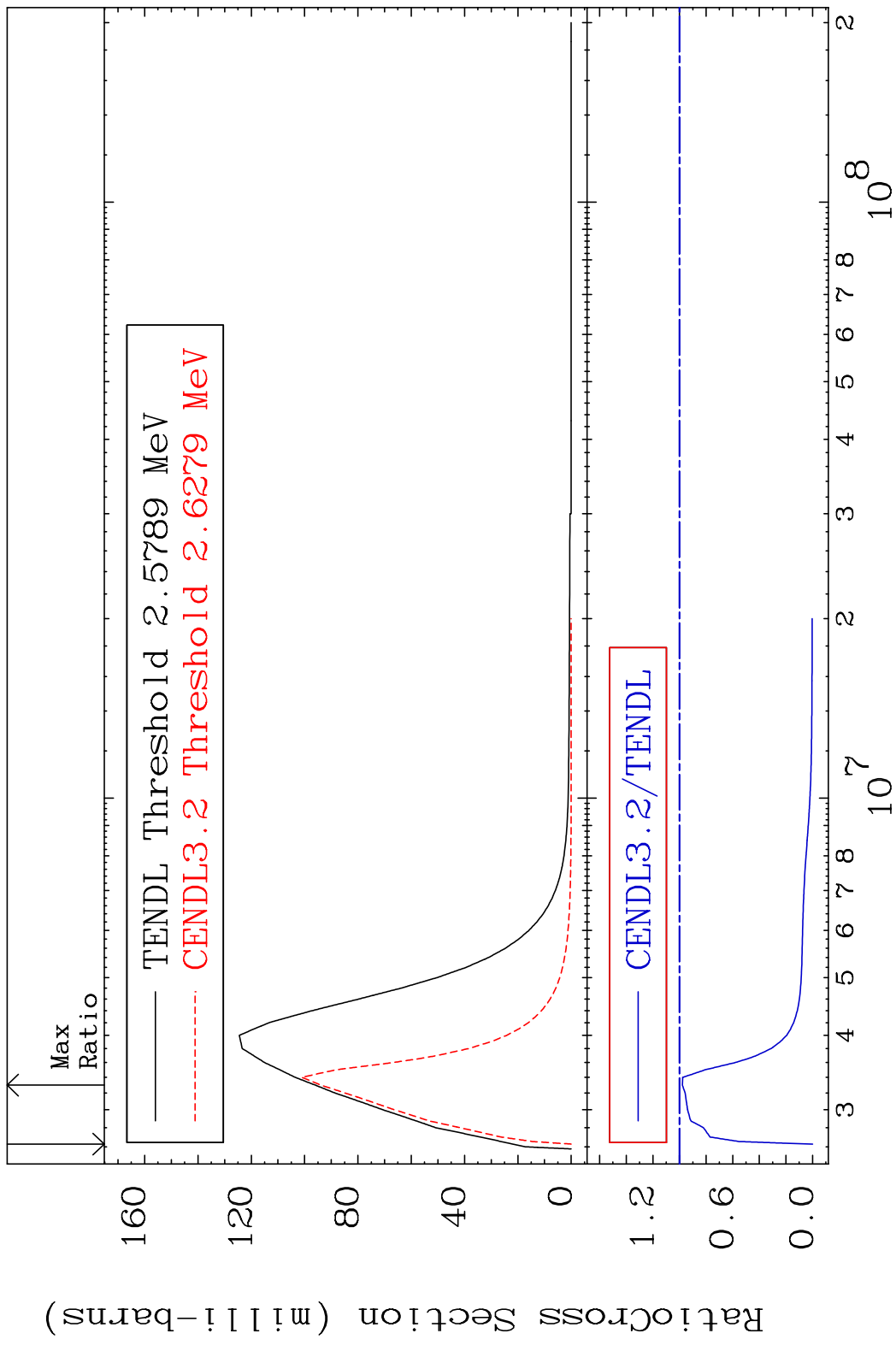


15 54-Xe-136

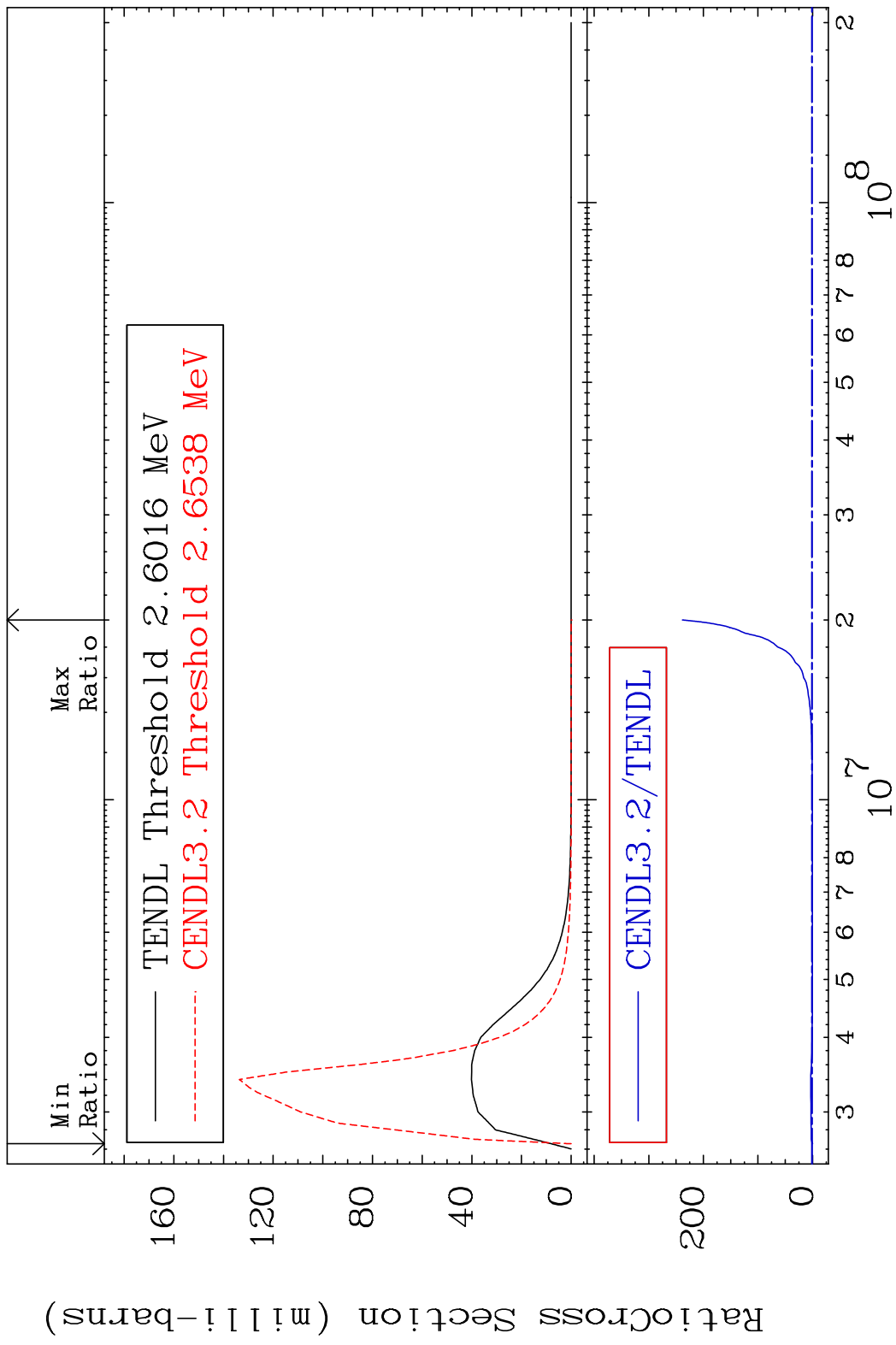
MAT 5461 MT= 59 (n, n') Level 54-Xe-136
 Cross Section -100.0 To -23.56%



MAT 5461 MT= 60 (n, n') Level 54-Xe-136
 Cross Section -100.0 To -2.159%

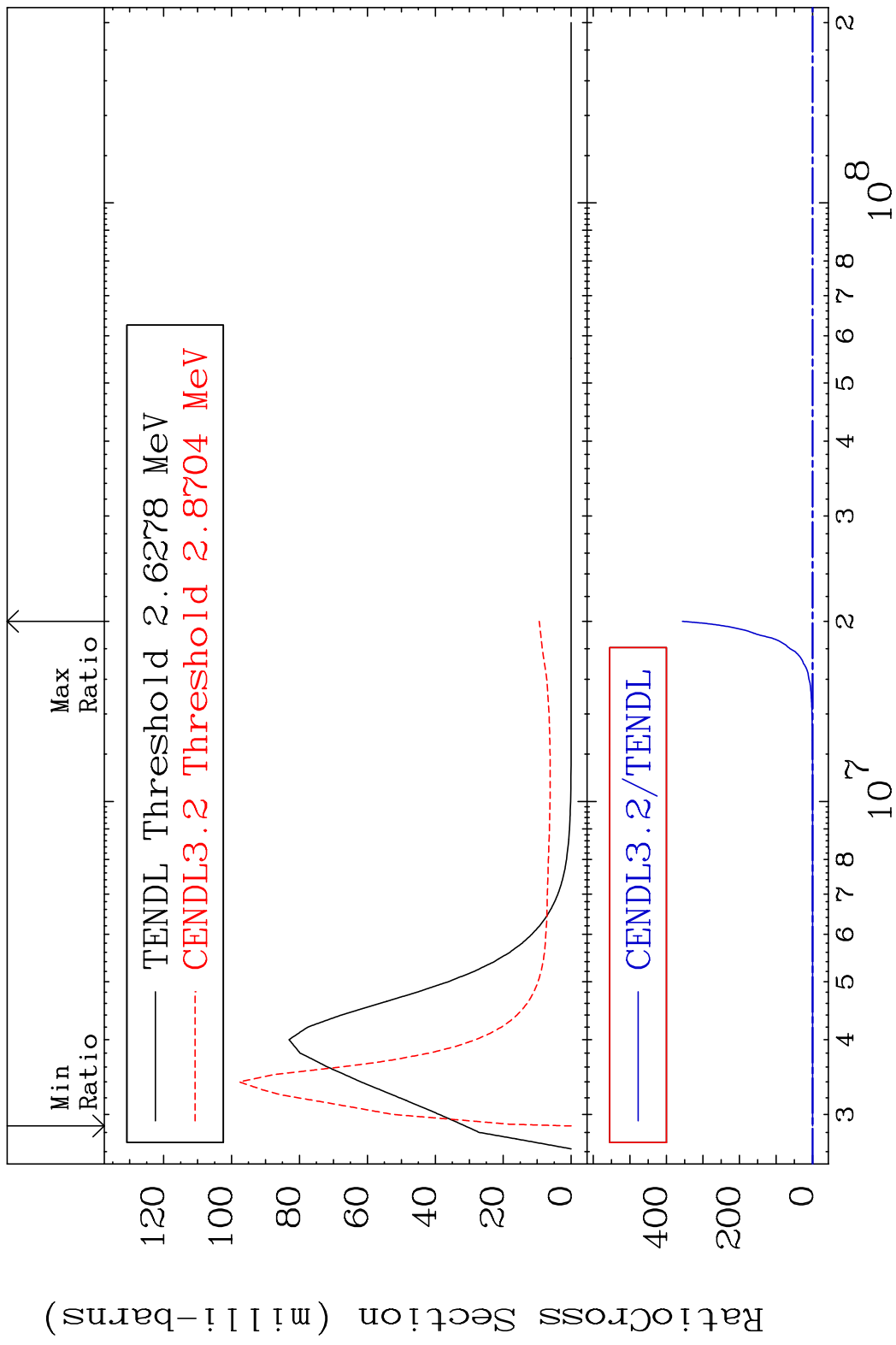


MAT 5461 MT= 61 (n, n') Level 54-Xe-136
Cross Section -100.0 To 9999. %

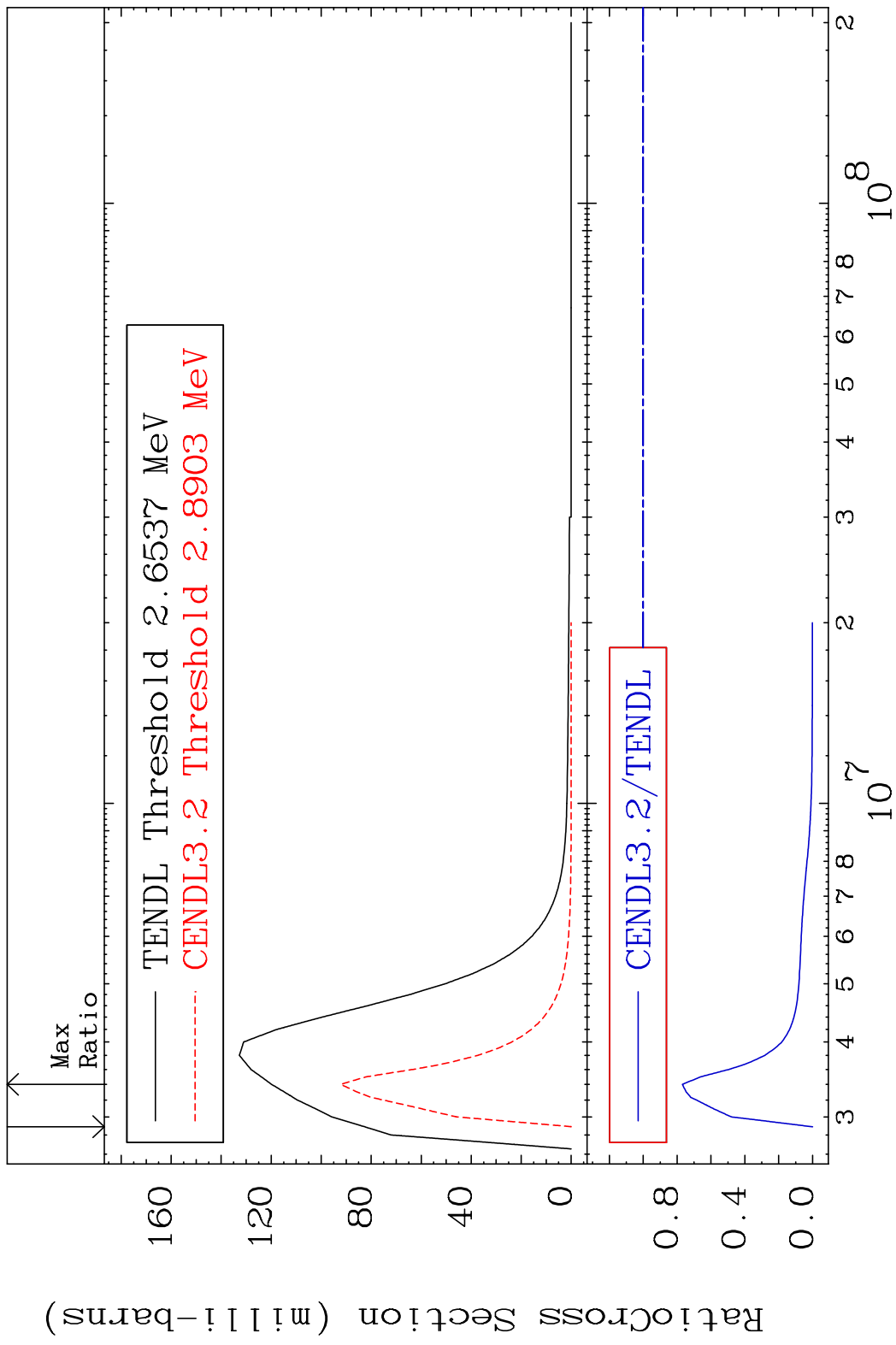


18 Incident Energy (eV) 54-Xe-136

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

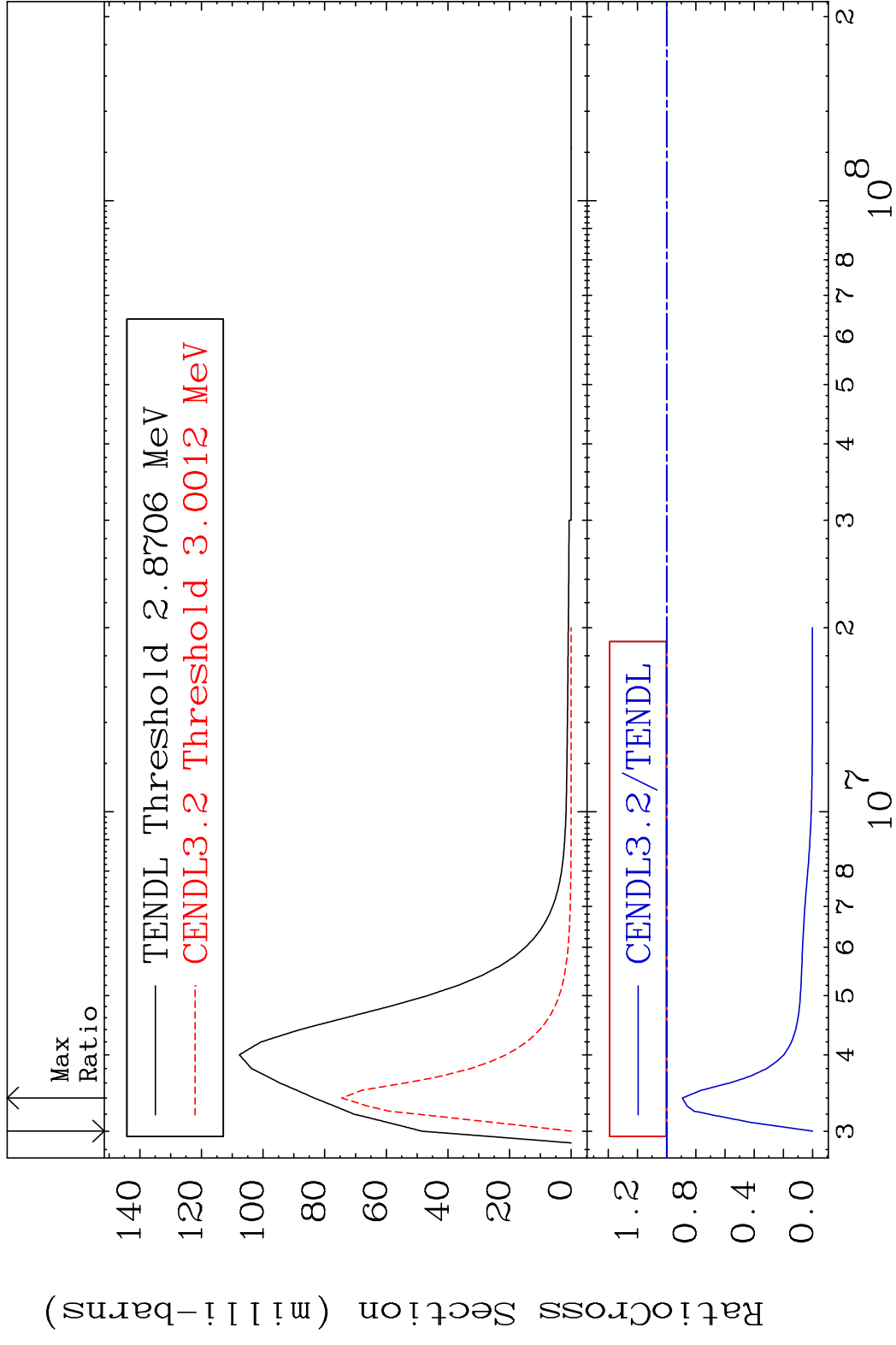


MAT 5461 MT= 63 (n, n') Level 54-Xe-136
 Cross Section -100.0 To -23.09%

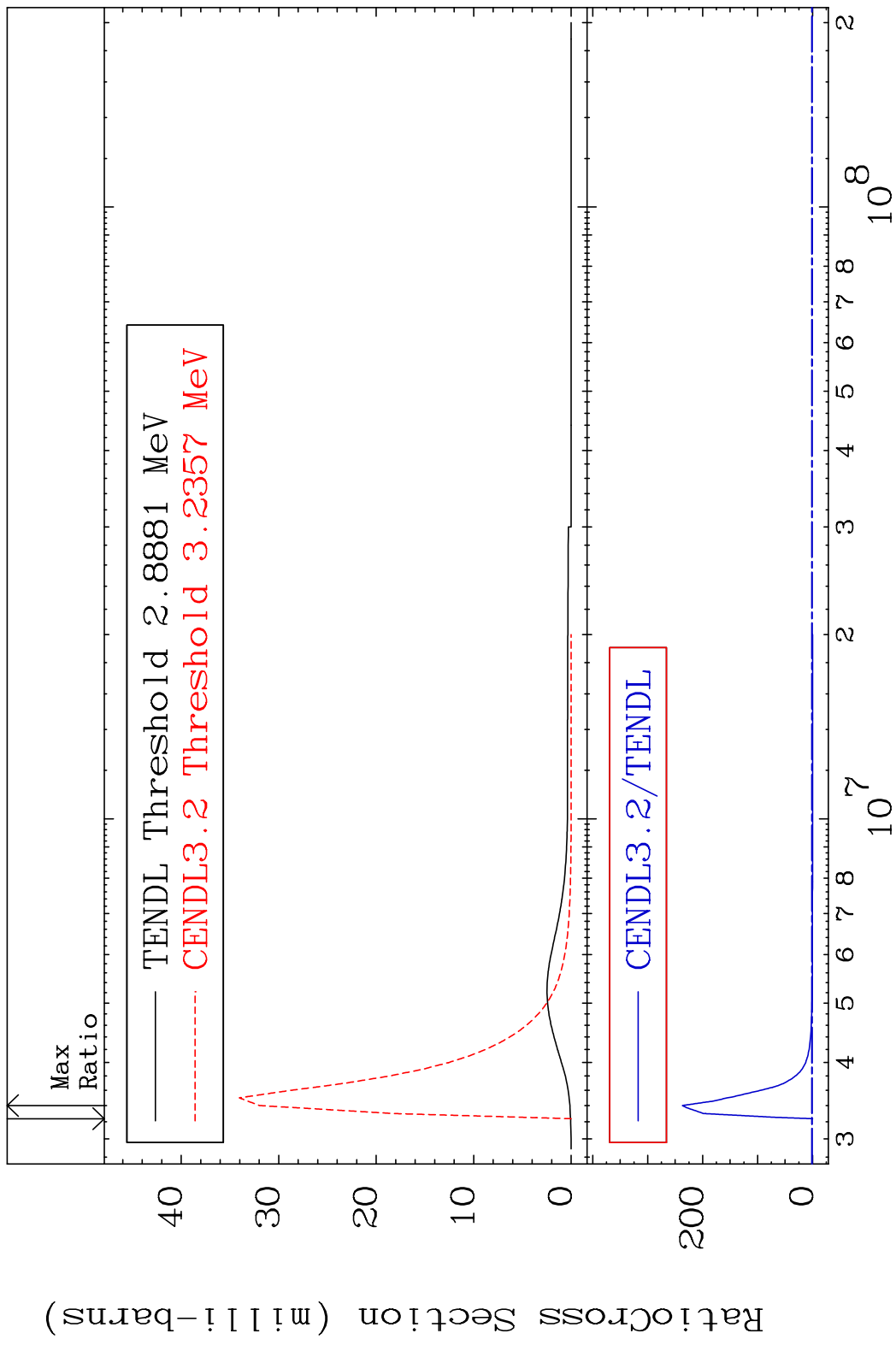


20 Incident Energy (eV) 54-Xe-136

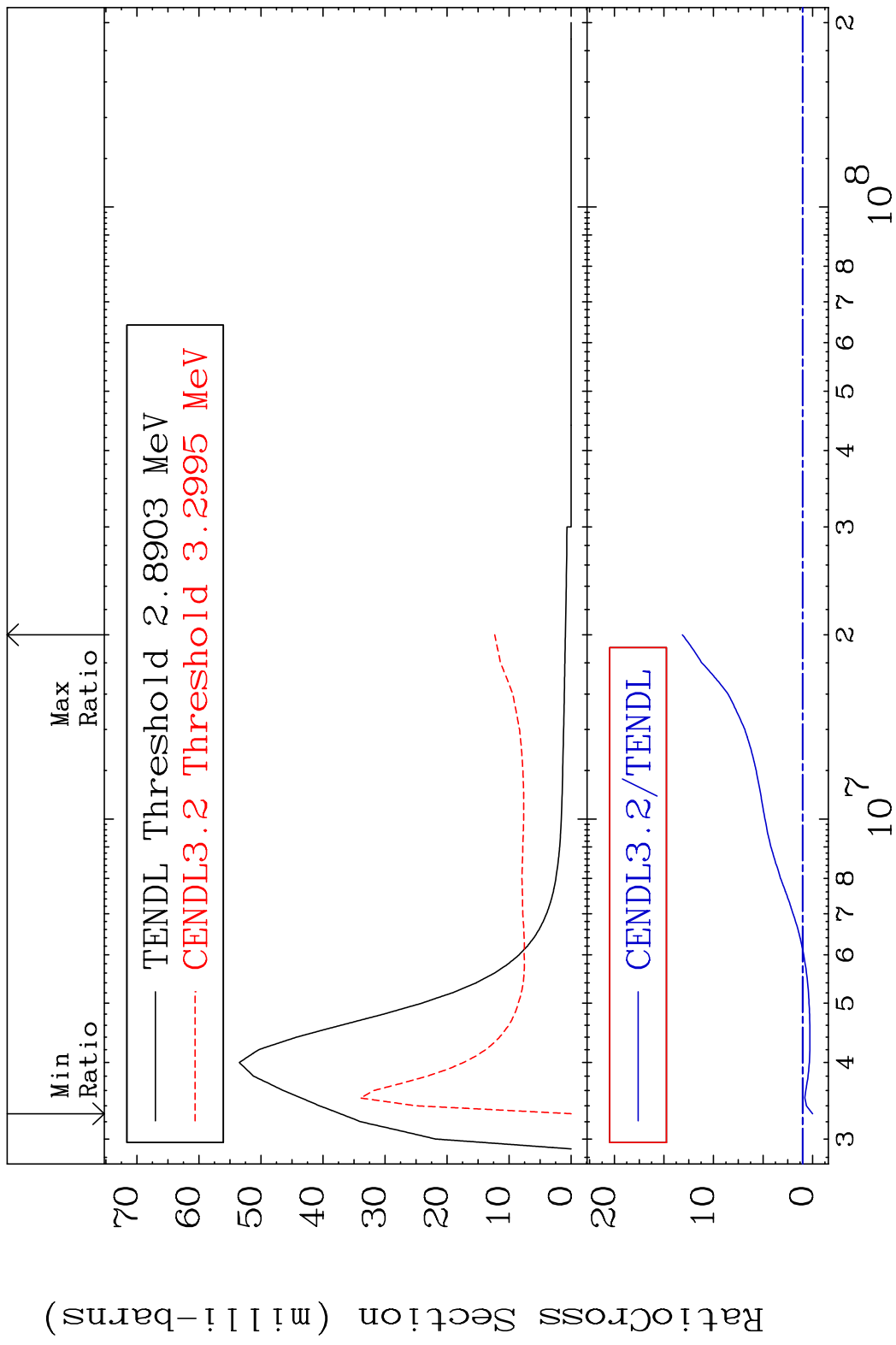
MAT 5461 MT= 64 (n,n') Level 54-Xe-136
 Cross Section -100.0 To -10.75%



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. %

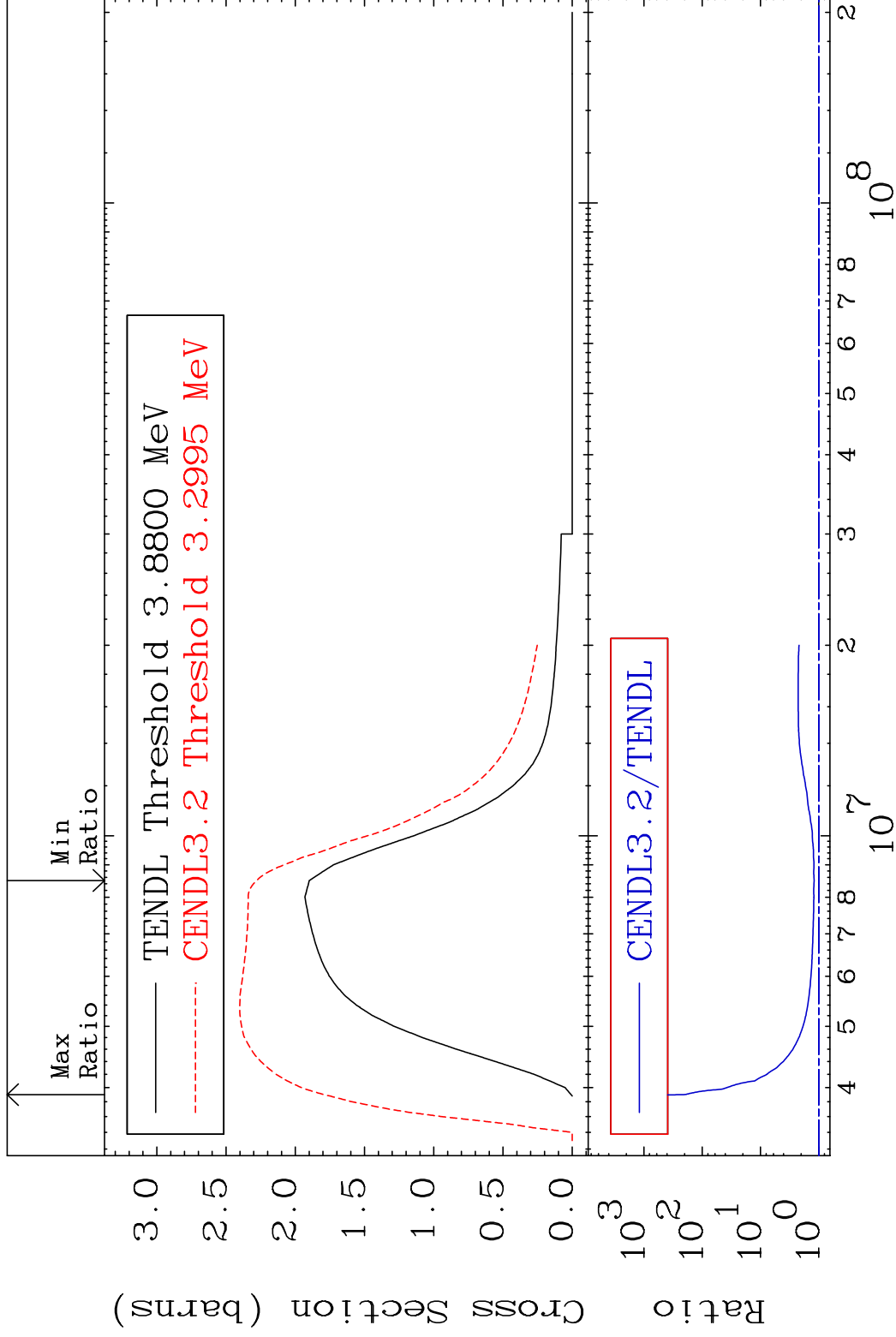


MAT 5461

(n, n') Continuum

54-Xe-136

Cross Section 20.04 To 9999. %

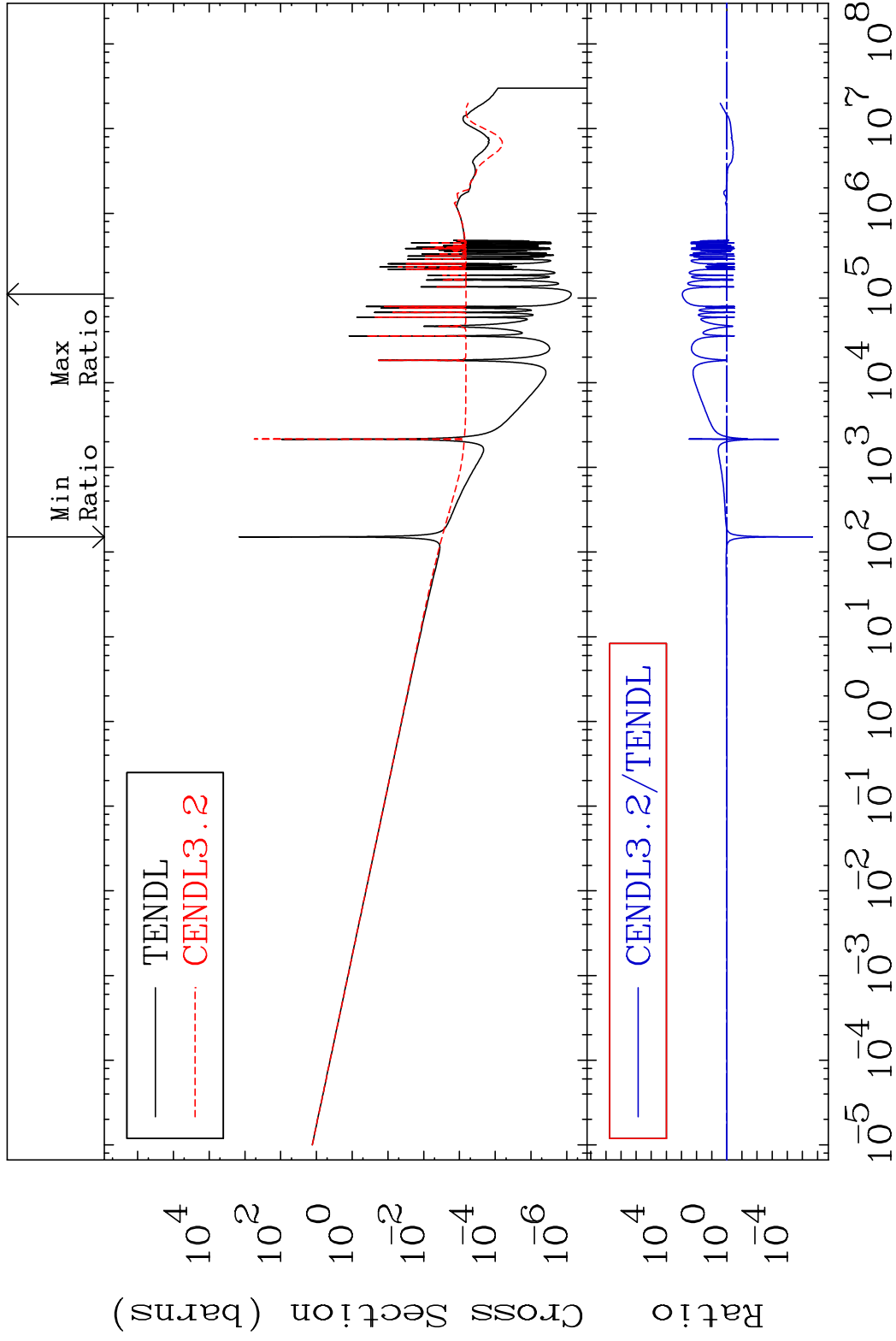


MAT 5461

(n, γ)

54-Xe-136

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

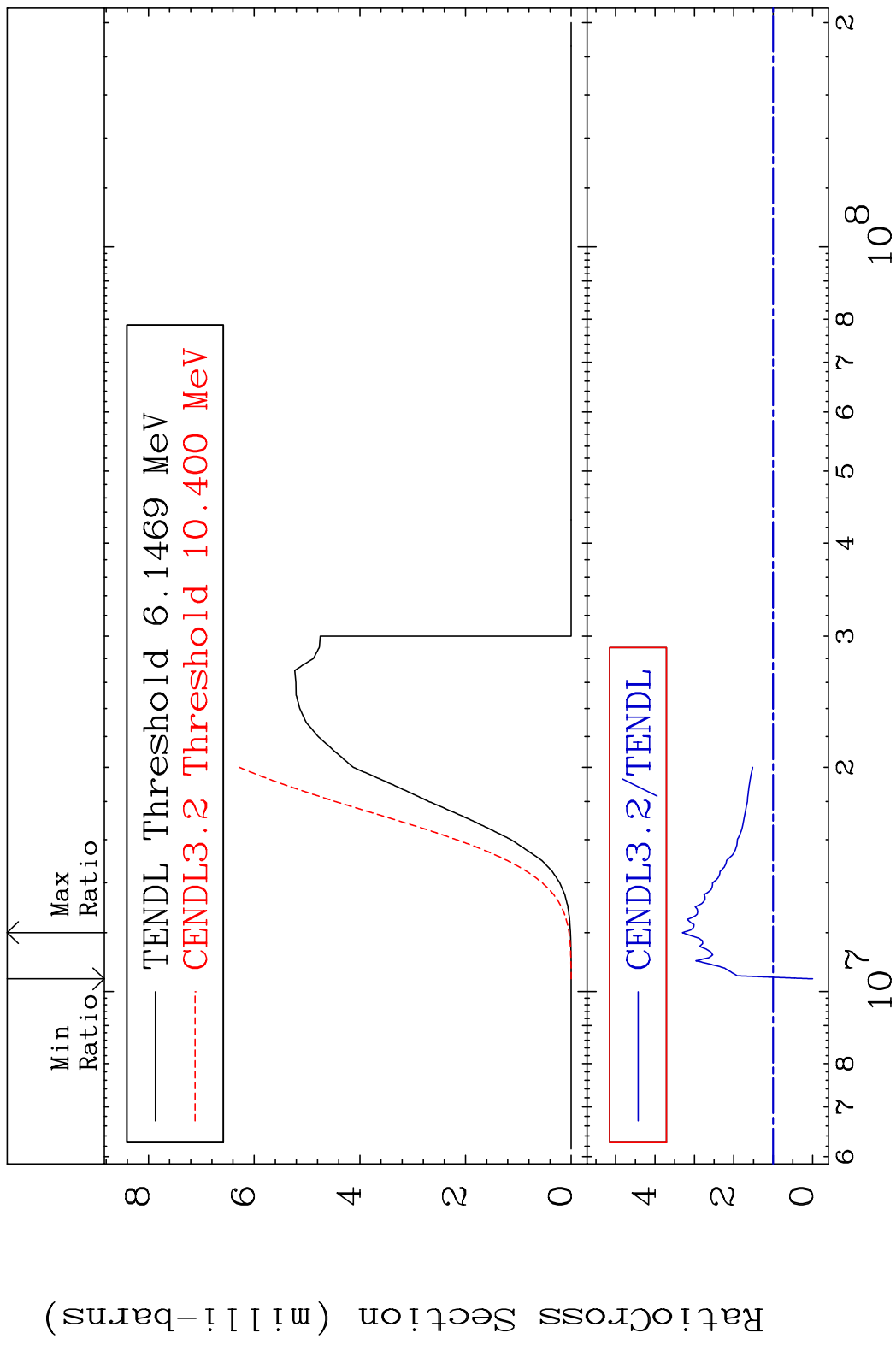
54-Xe-136

MAT 5461

(n,p)

54-Xe-136

Cross Section -100.0 To 230.6 %



26

Incident Energy (eV)

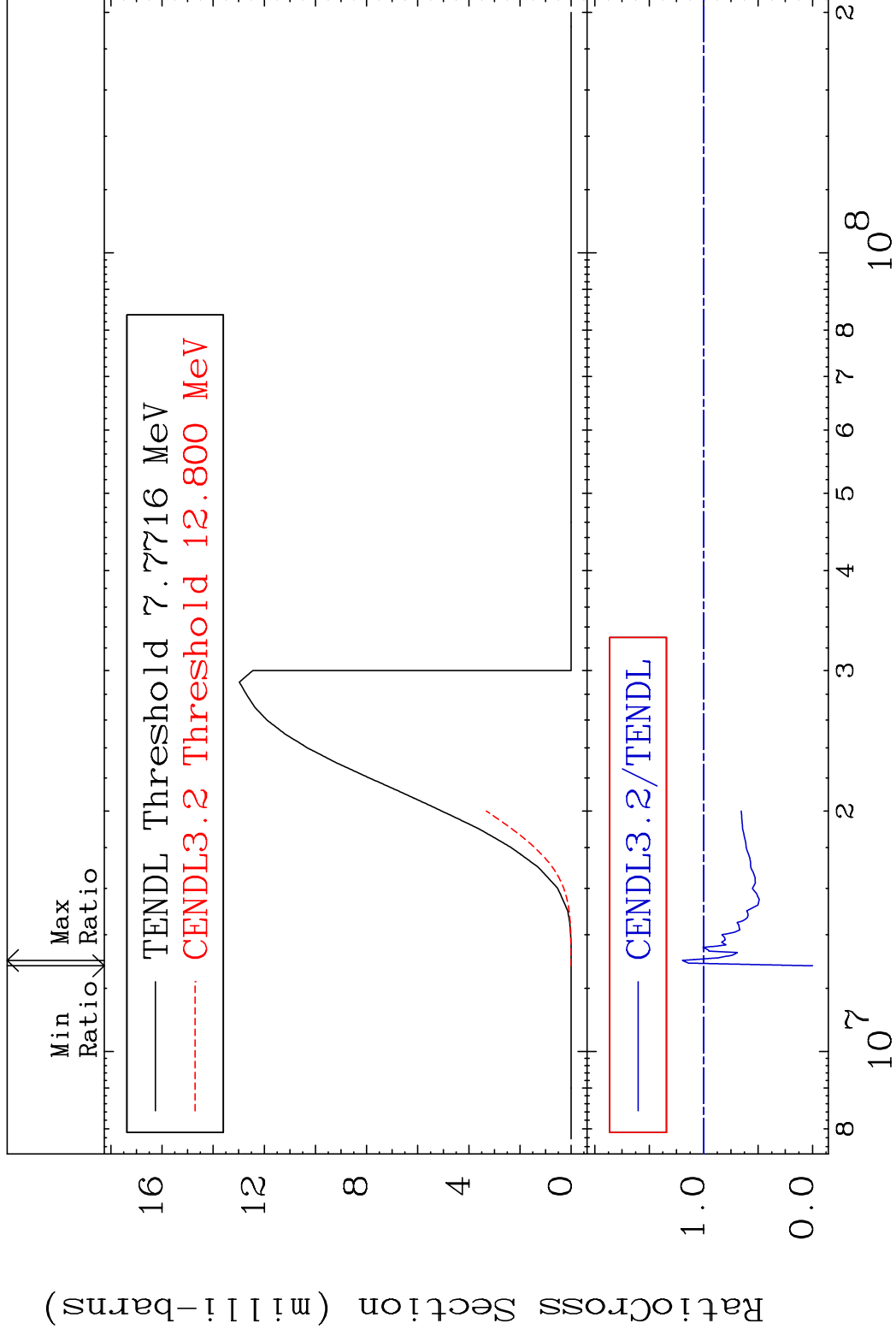
54-Xe-136

MAT 5461

(n, d)

54-Xe-136

Cross Section -100.0 To 19.58 %



27

Incident Energy (eV)

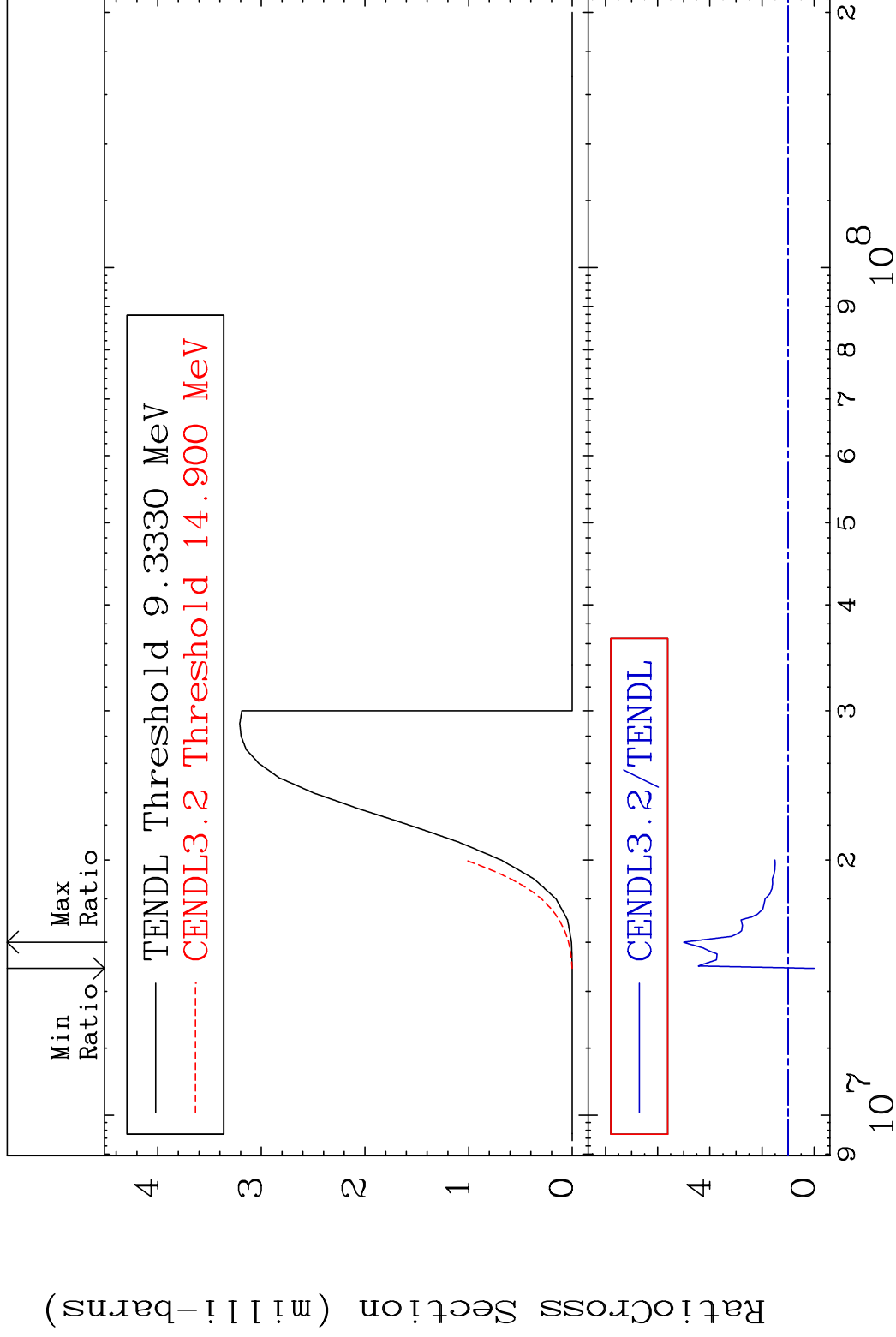
54-Xe-136

MAT 5461

(n, t)

54-Xe-136

Cross Section -100.0 To 400.5 %



28

Incident Energy (eV)

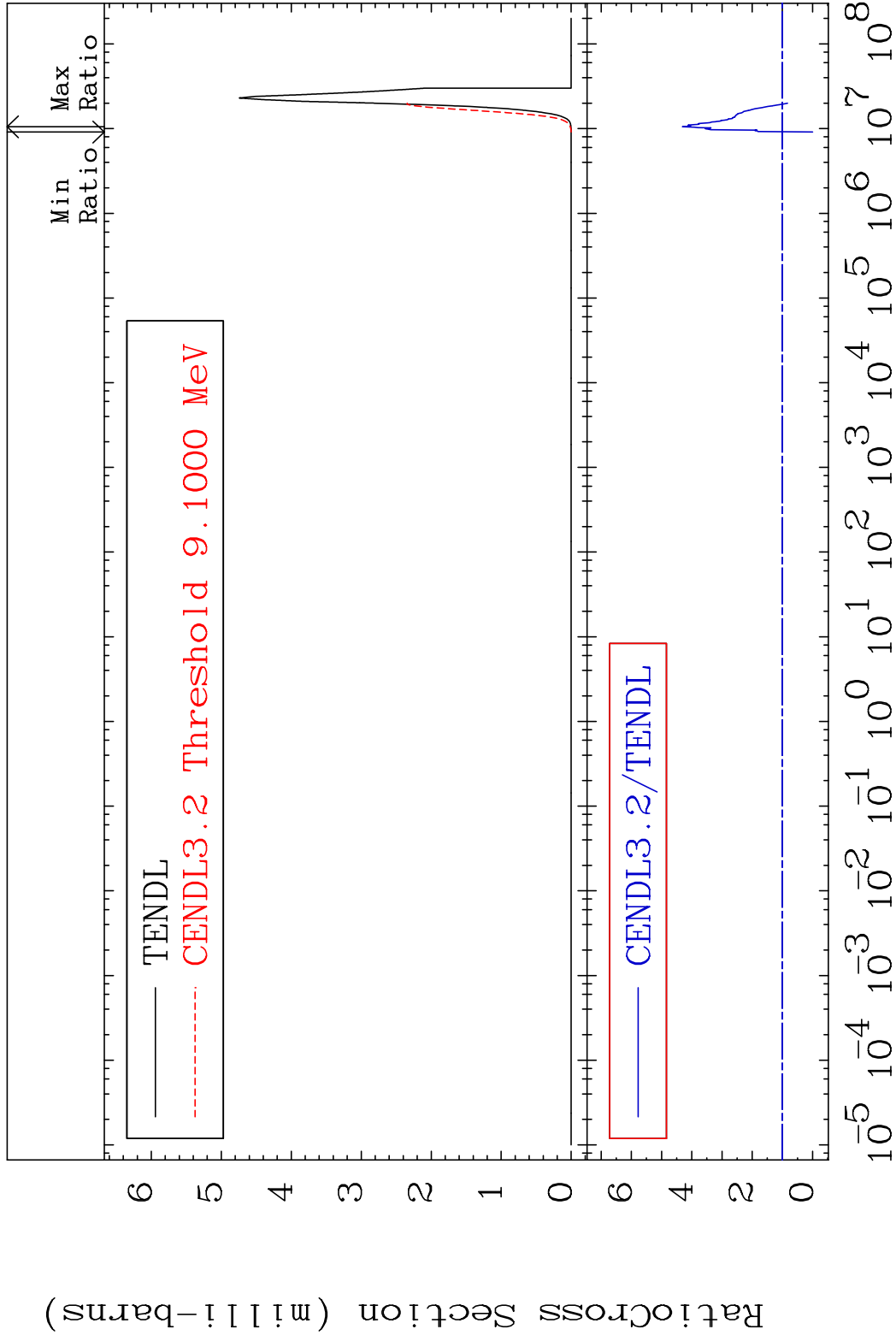
54-Xe-136

MAT 5461

(n, α)

54-Xe-136

Cross Section -100.0 To 331.1 %



29

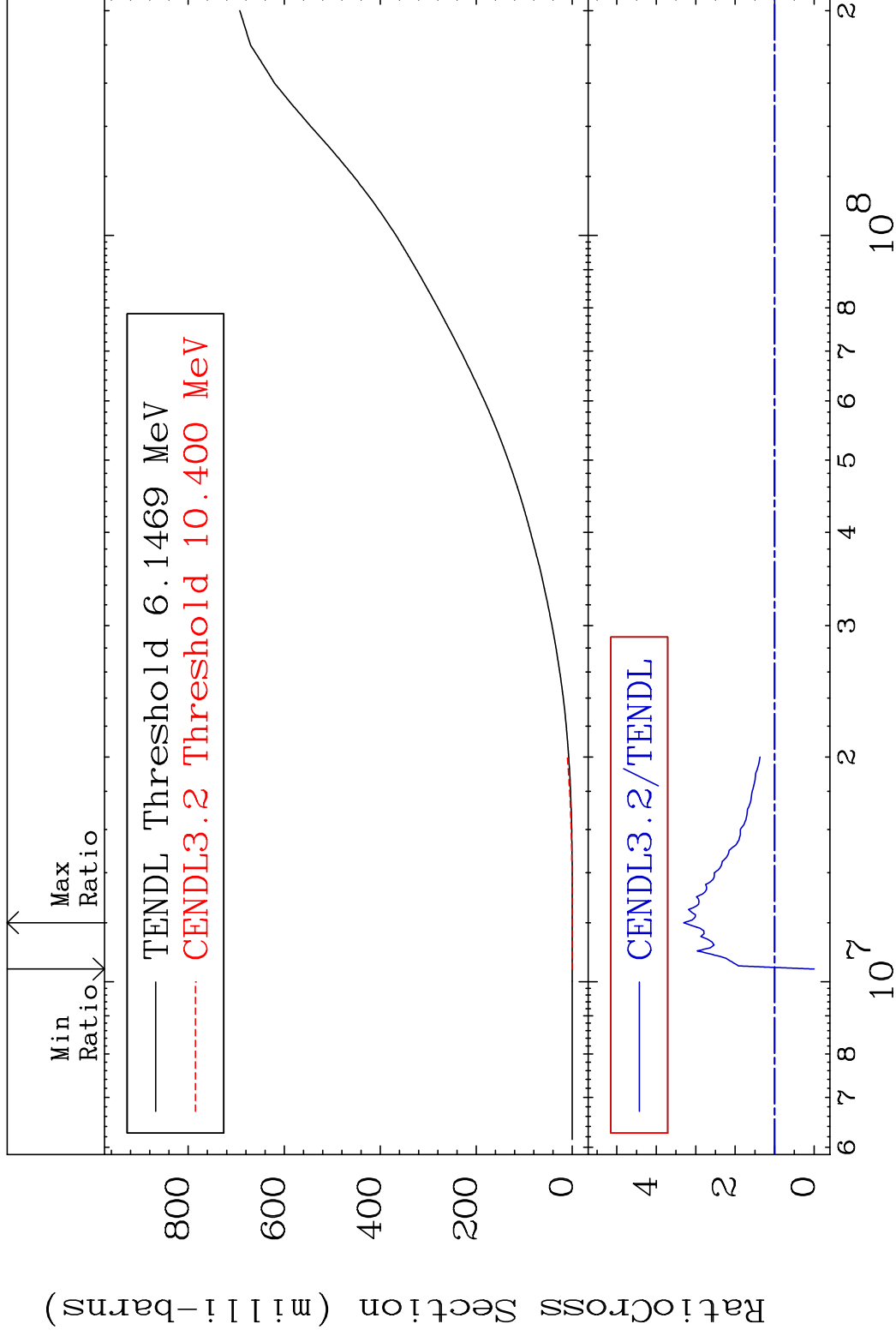
Incident Energy (eV)

54-Xe-136

MAT 5461

Hydrogen Production 54-Xe-136

Cross Section -100.0 To 230.6 %

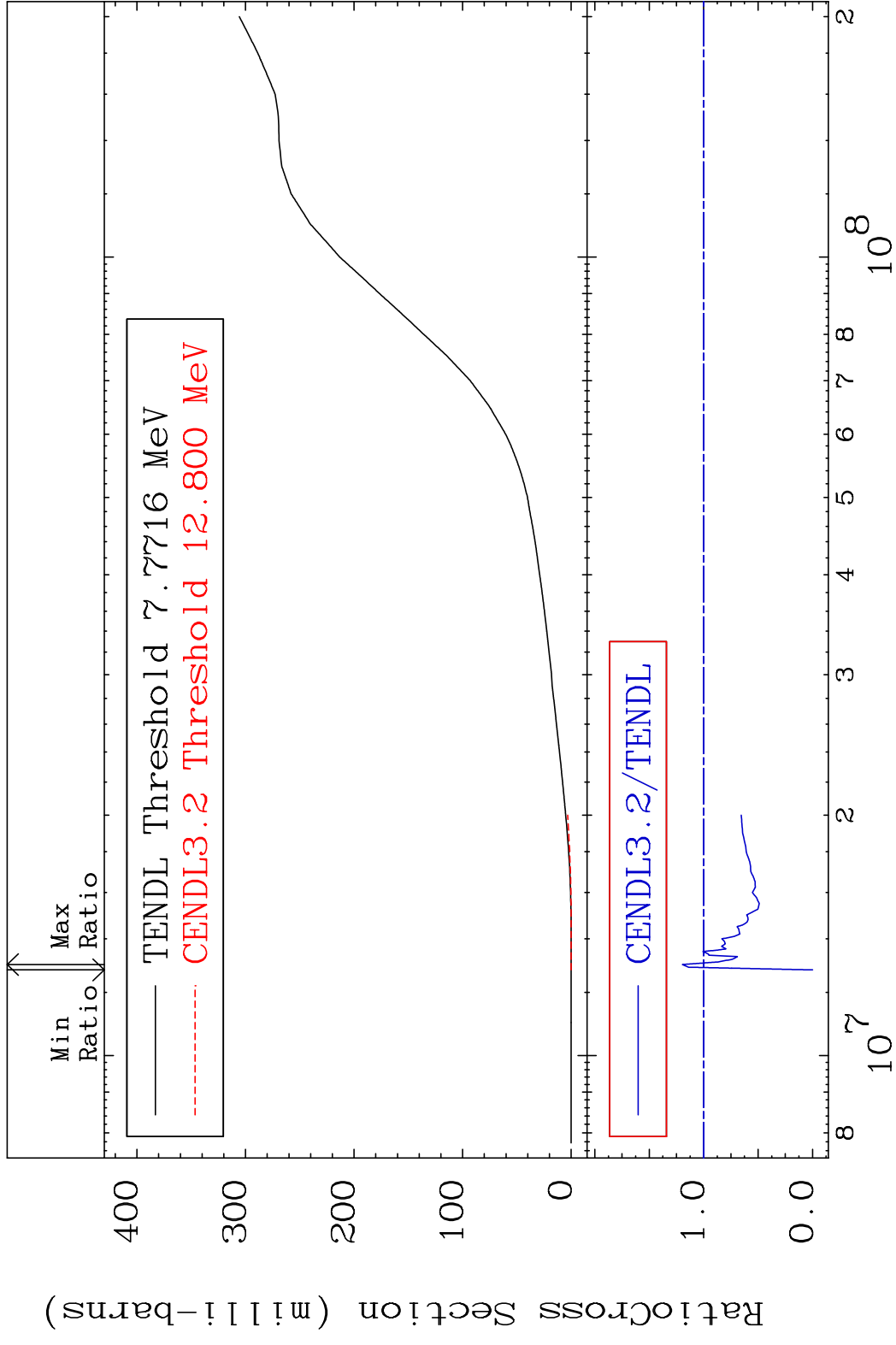


30

Incident Energy (eV)

54-Xe-136

MAT 5461 Deuterium Production 54-Xe-136
 Cross Section -100.0 To 19.58 %

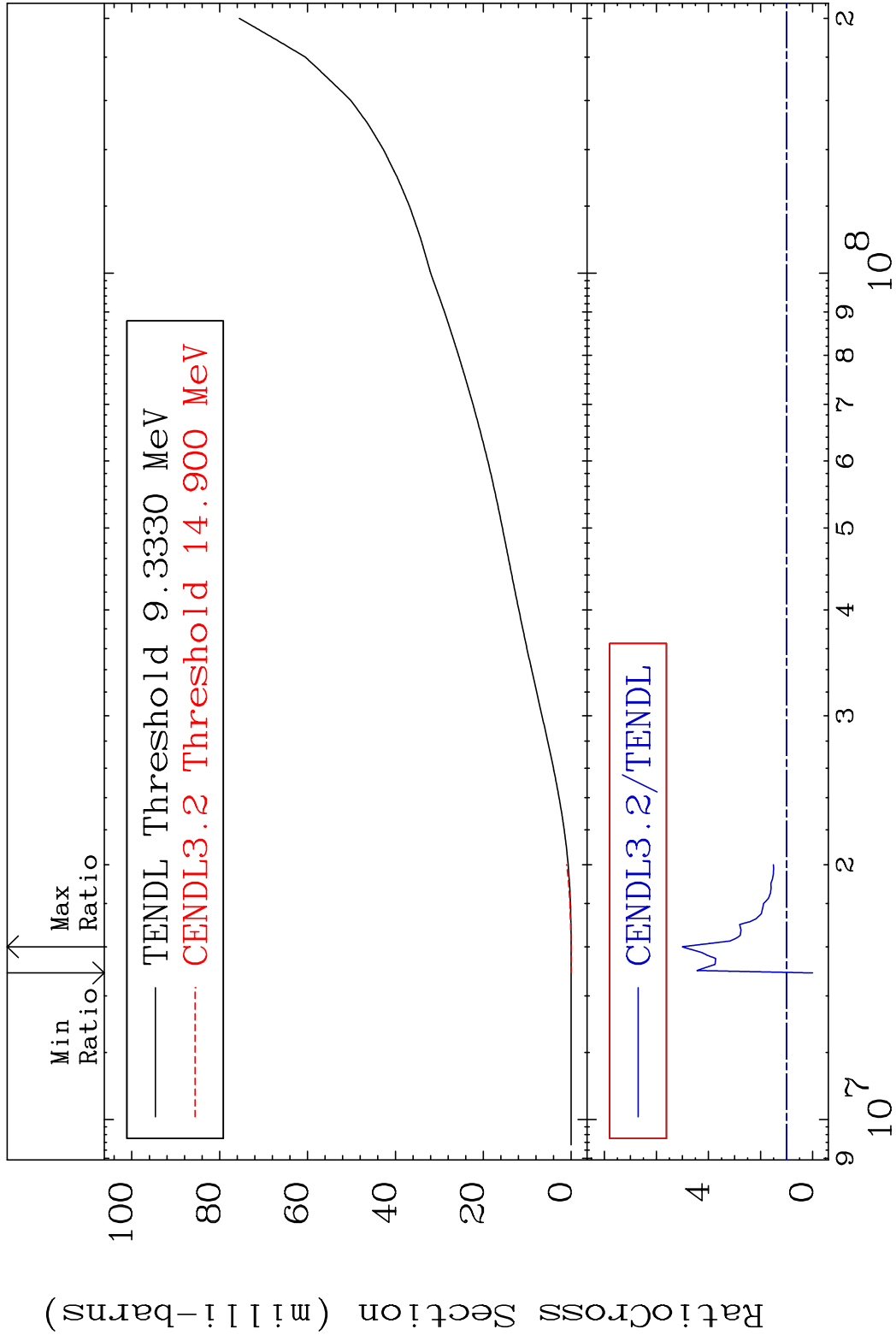


MAT 5461

Tritium Production

54-Xe-136

Cross Section -100.0 To 400.5 %



32

Incident Energy (eV)

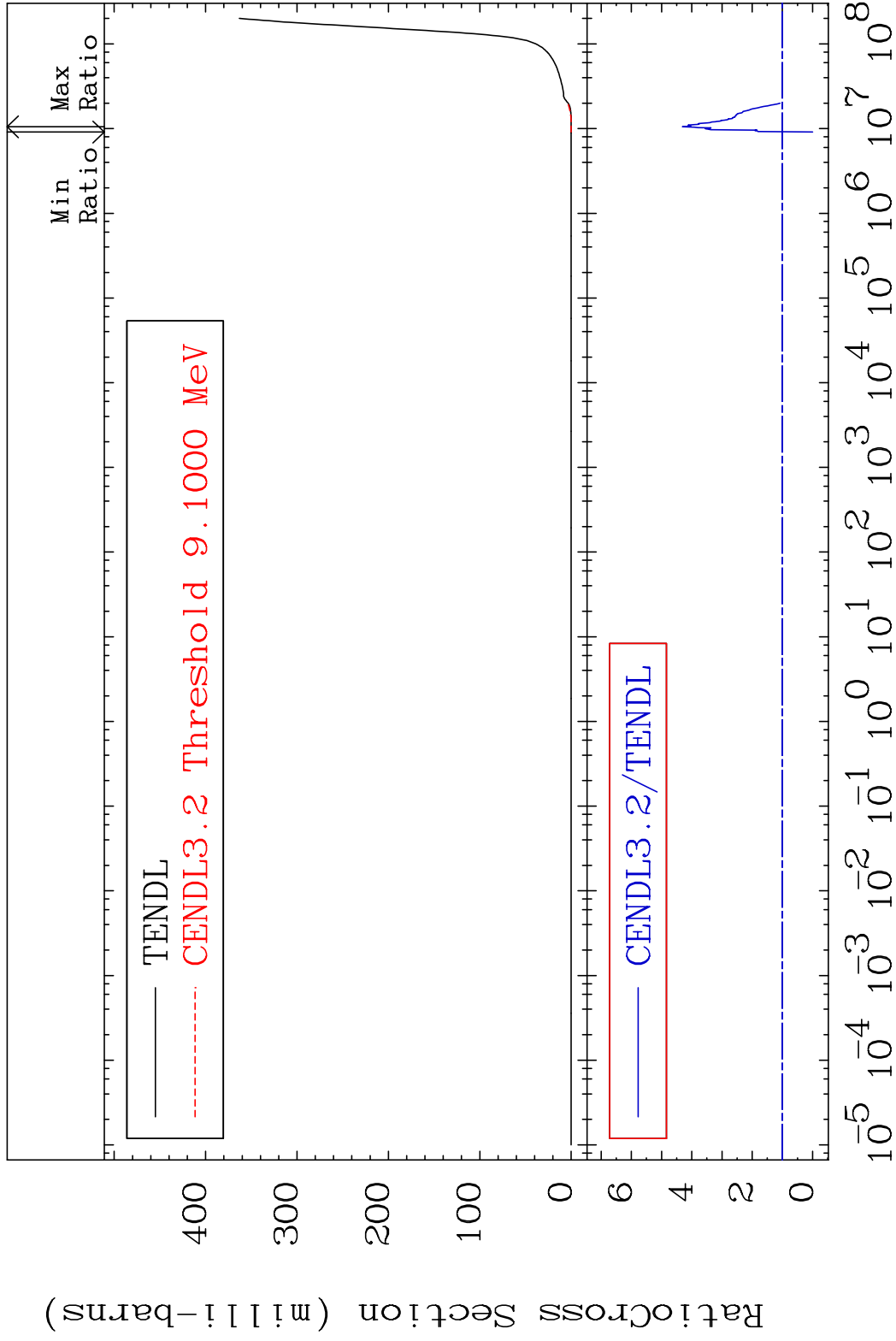
54-Xe-136

MAT 5461

He-4 Production

54-Xe-136

Cross Section -100.0 To 331.1 %

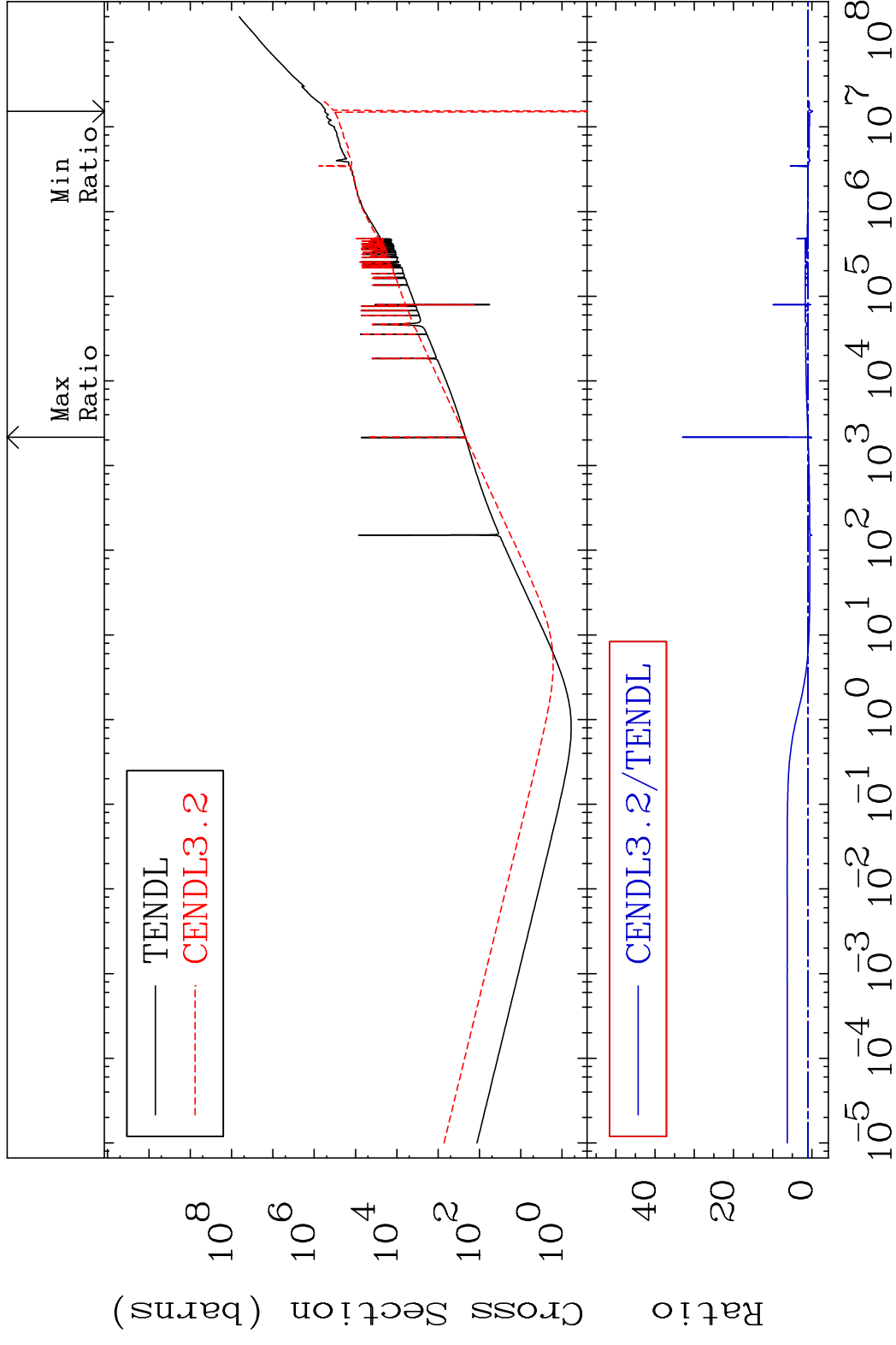


33

Incident Energy (eV)

54-Xe-136

MAT 5461 Kerma total (eV-barns) 54-Xe-136
 Cross Section -117.0 To 3205. %

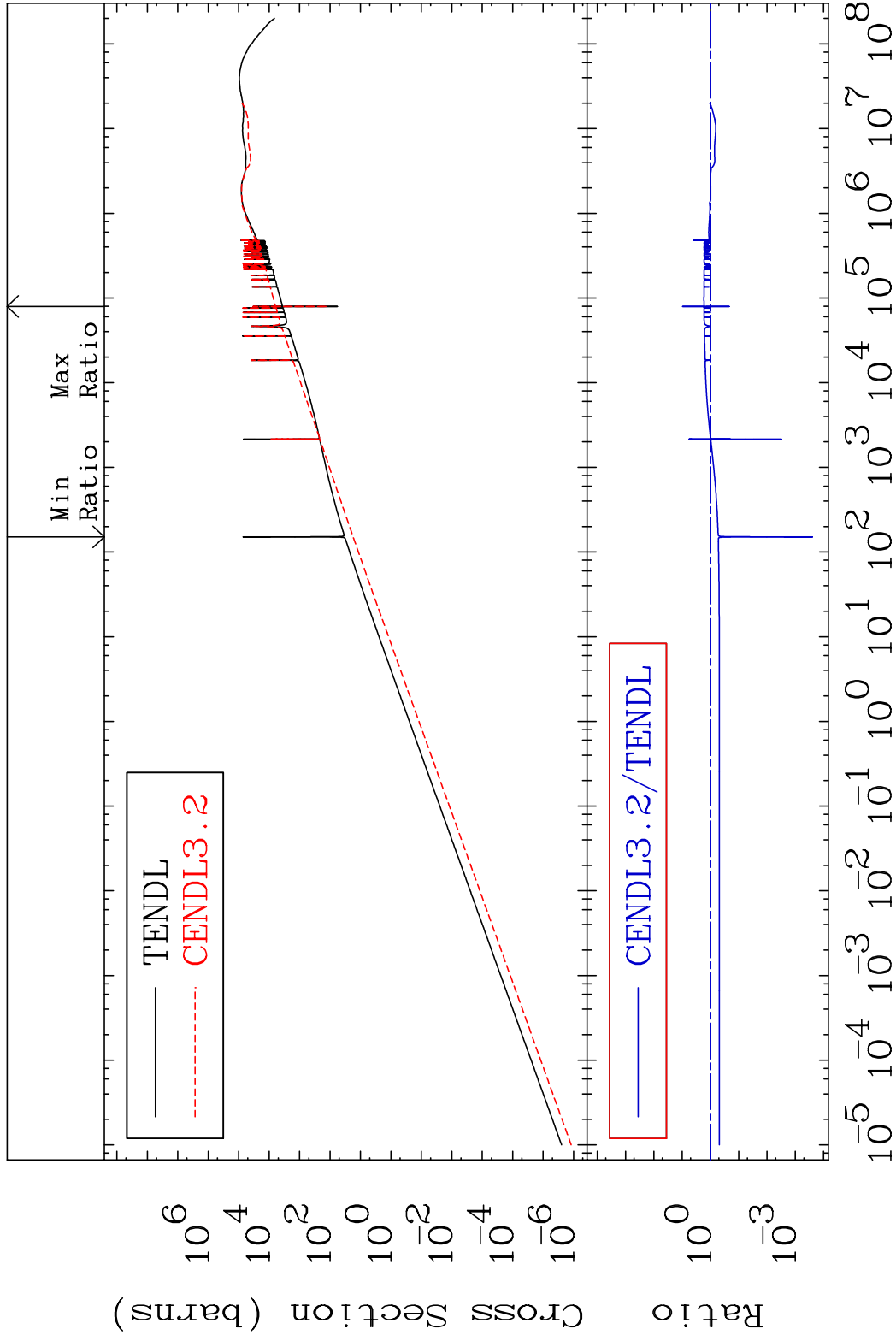


34 Incident Energy (eV) 54-Xe-136

MAT 5461

Kerma elastic
Cross Section

54-Xe-136
-99.98 To 884.1 %

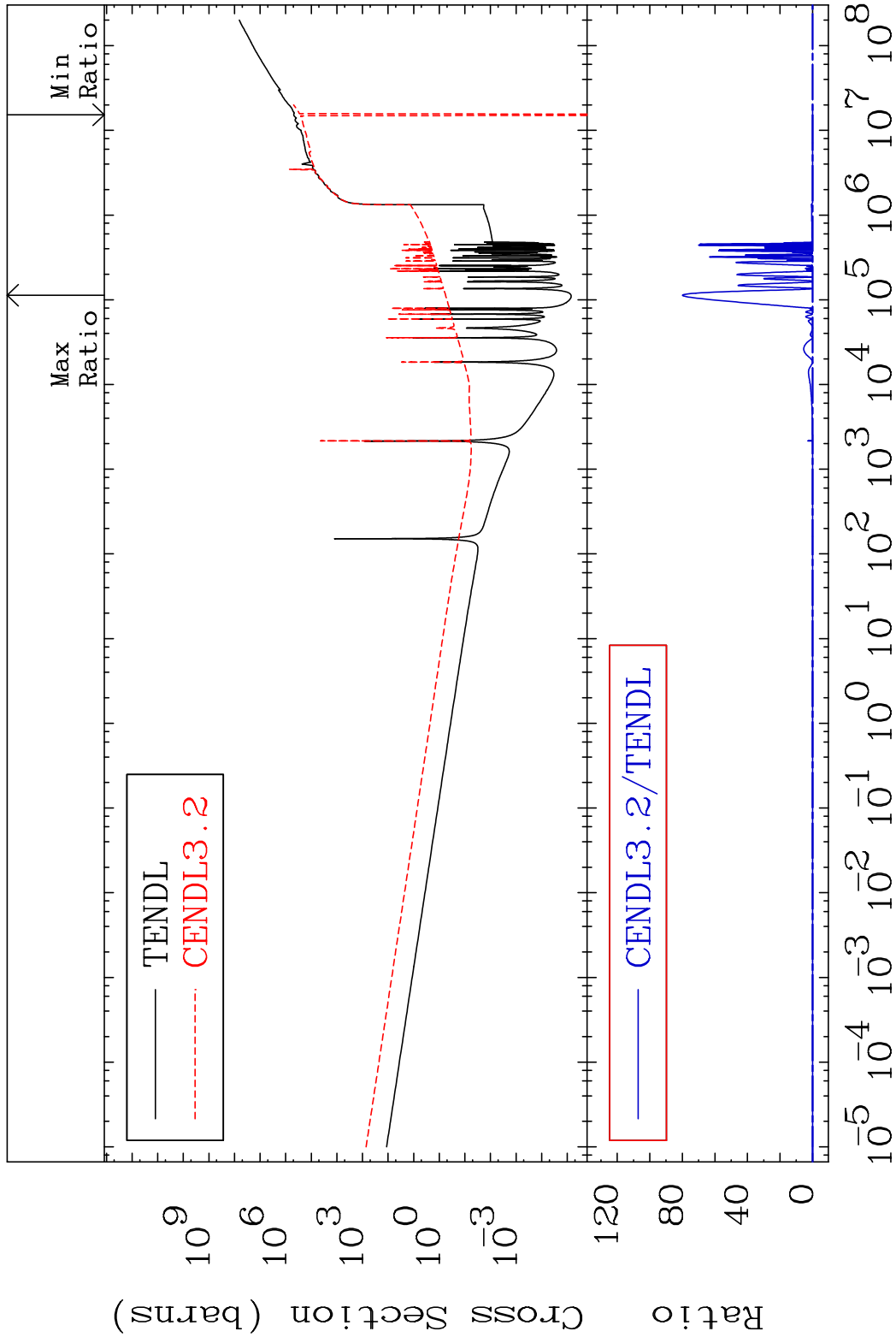


35

Incident Energy (eV)

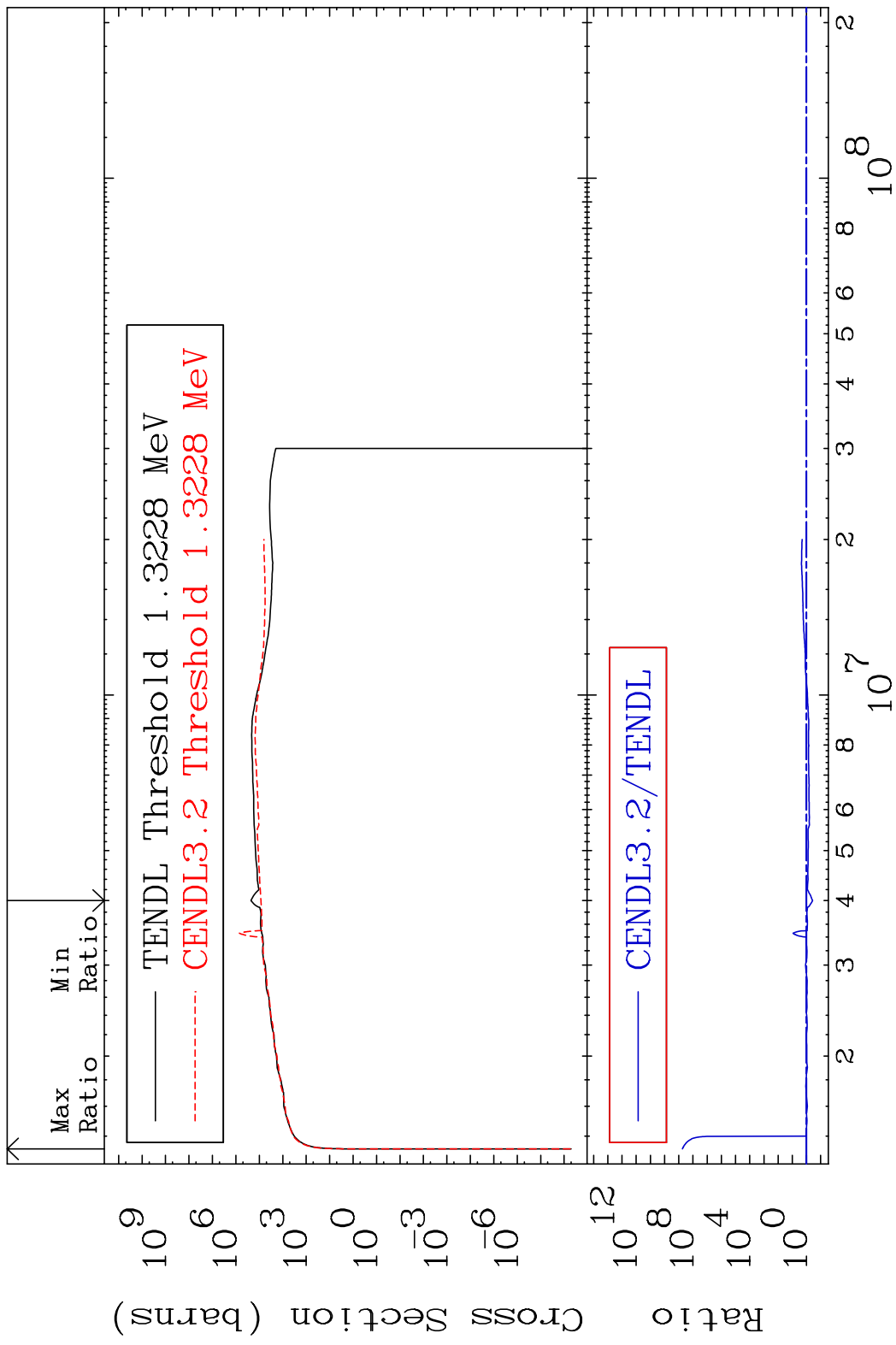
54-Xe-136

MAT 5461 Kerma non-elastic (all but mt2) 54-Xe-136
 Cross Section -130.9 To 9999. %

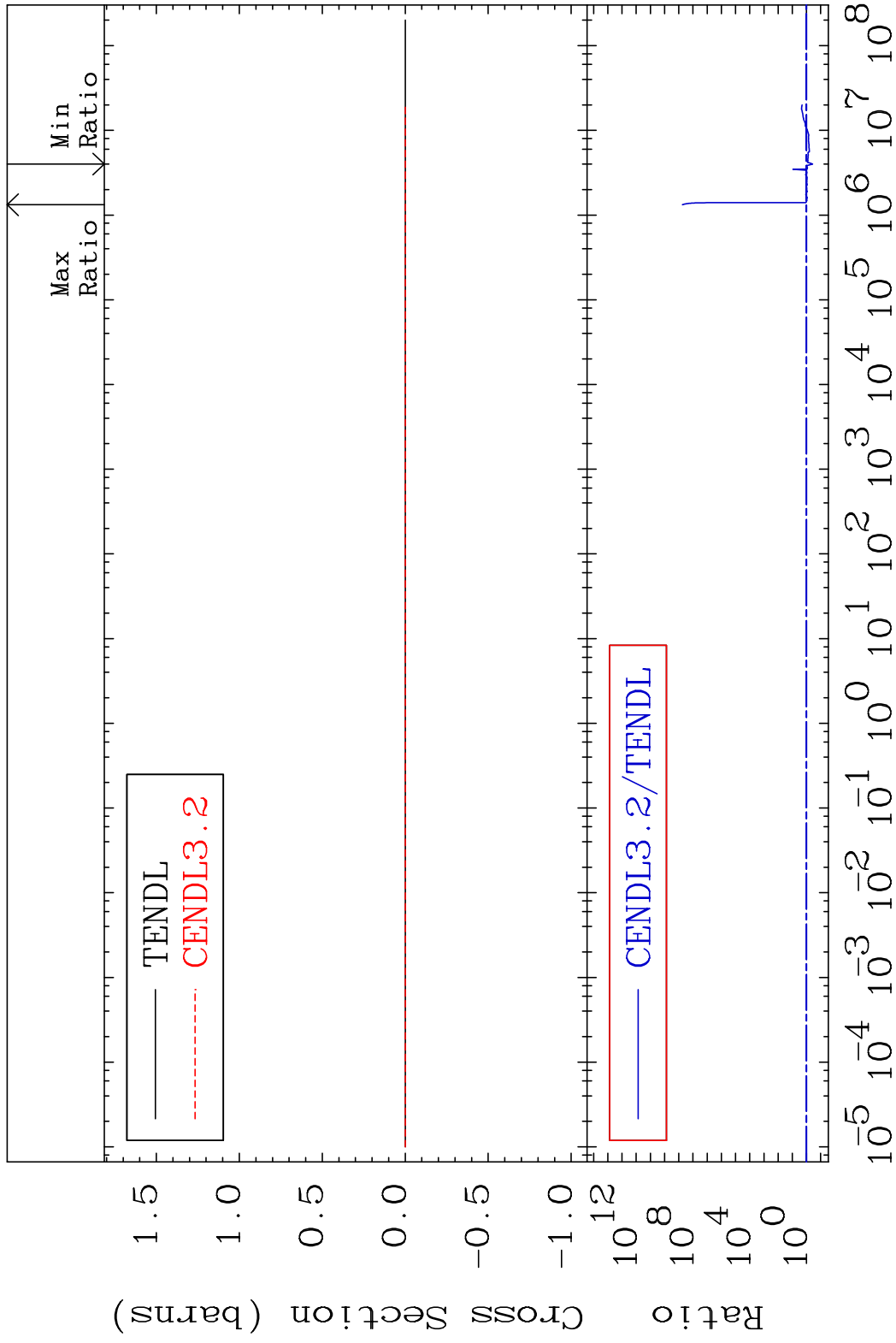


36 Incident Energy (eV) 54-Xe-136

MAT 5461 Kerma inelastic (mt51-91) 54-Xe-136
 Cross Section -62.55 To 9999. %



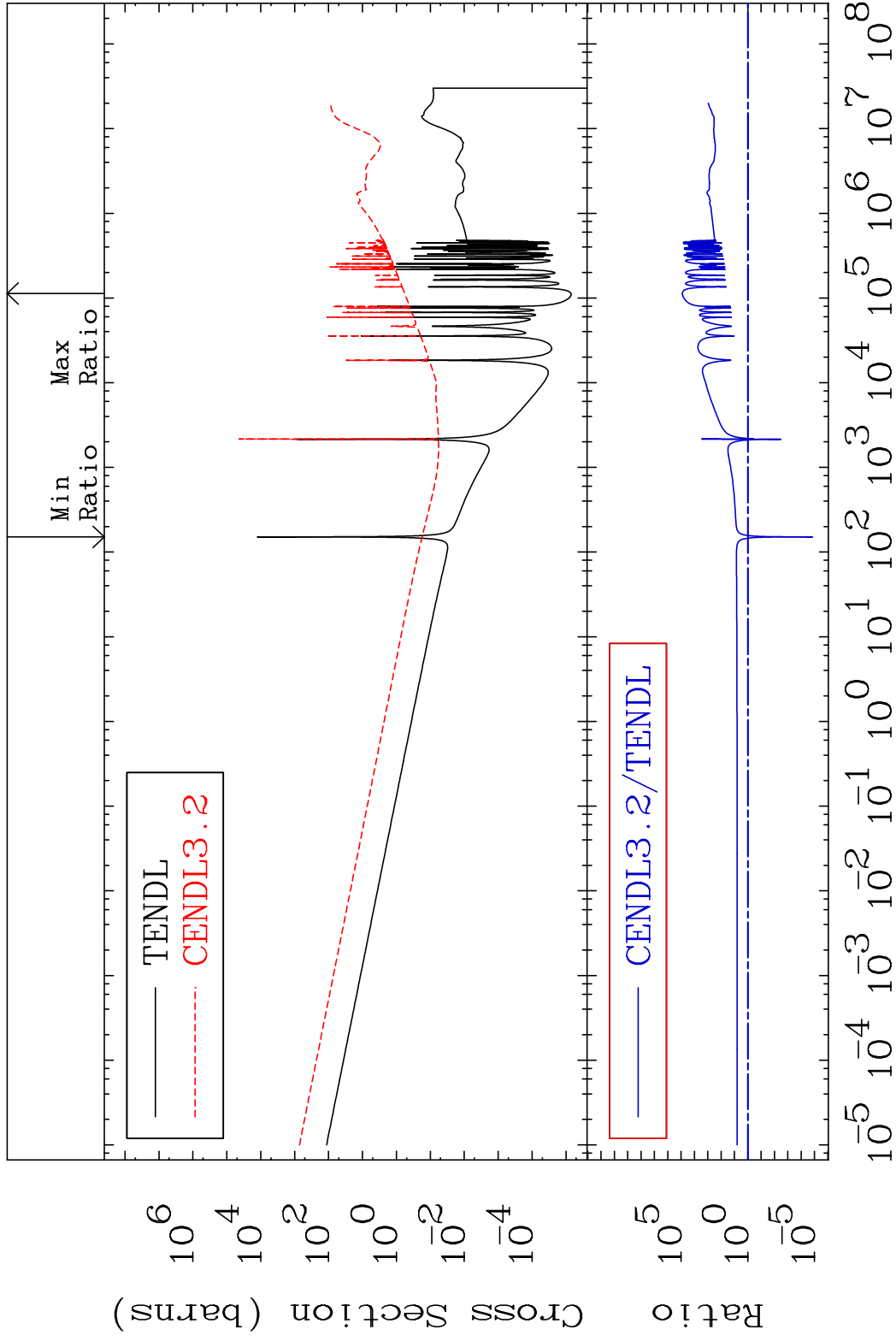
MAT 5461 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-136
 Cross Section -62.55 To 9999. %



MAT 5461

Kerma capture (mt102) 54-Xe-136

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

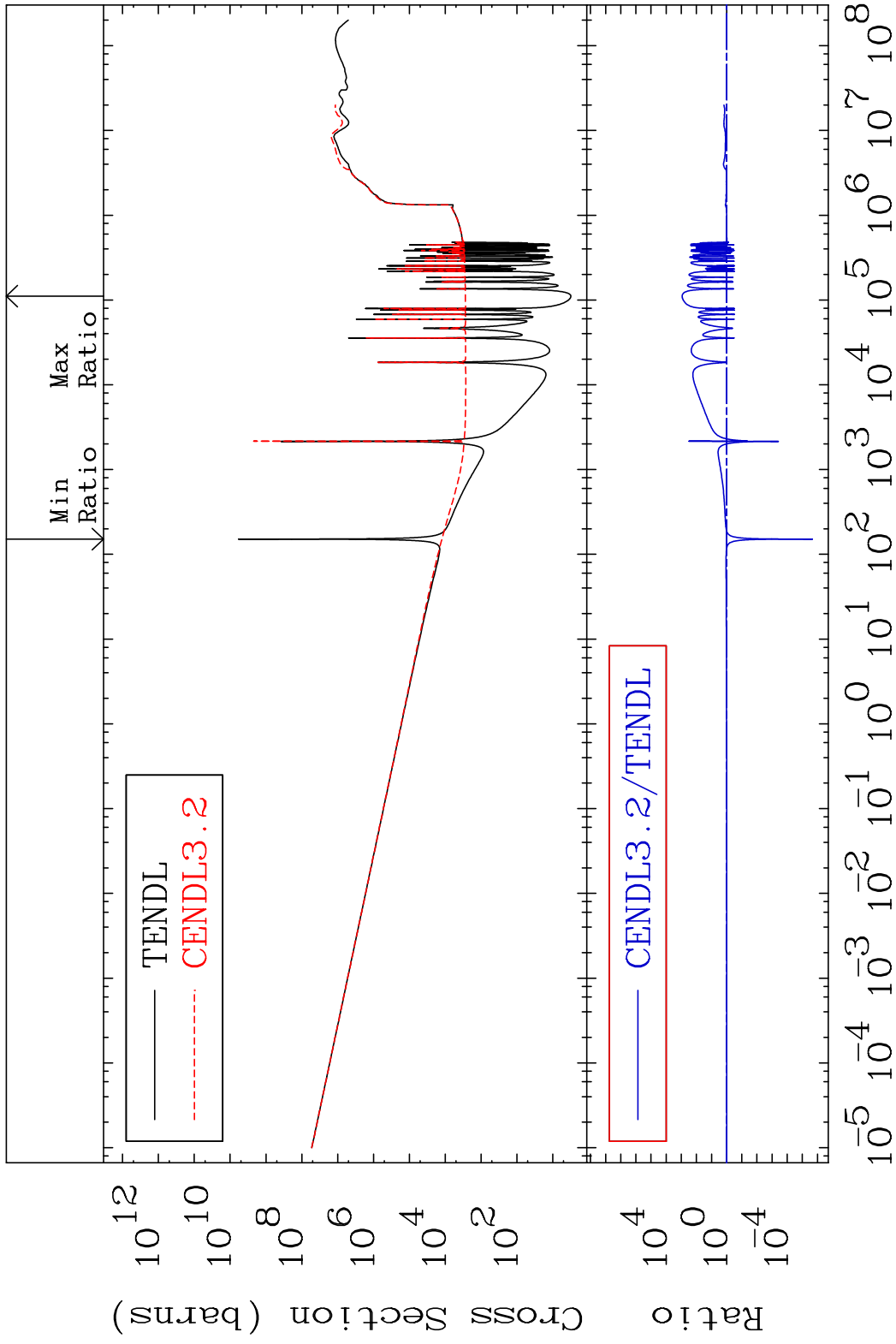
54-Xe-136

MAT 5461

Total photon (eV-barns)

54-Xe-136

Cross Section -100.0 To 9999. %

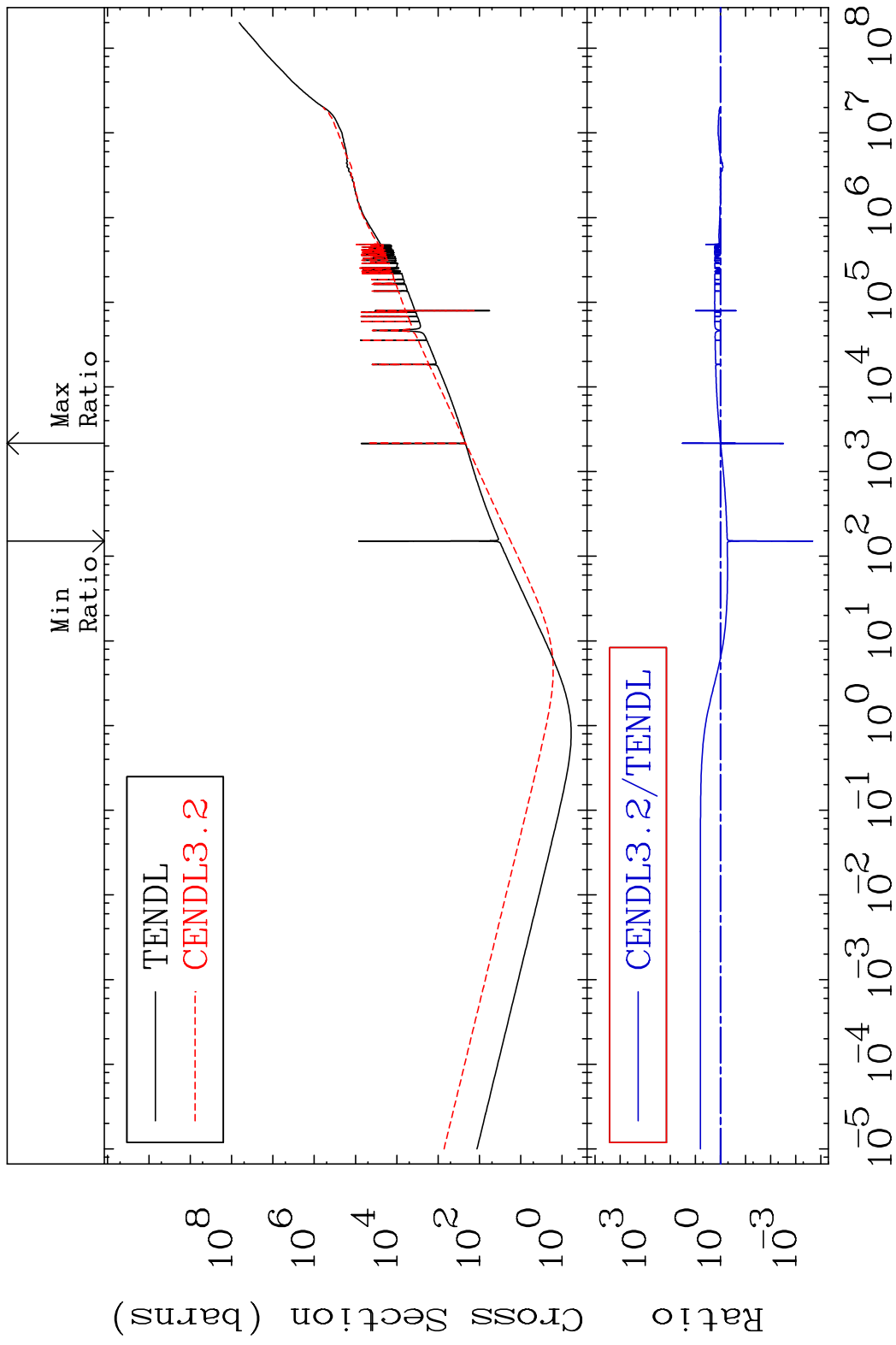


40

Incident Energy (eV)

54-Xe-136

MAT 5461 Total kinematic kerma (high limit) 54-Xe-136
 Cross Section -99.98 To 3205. %

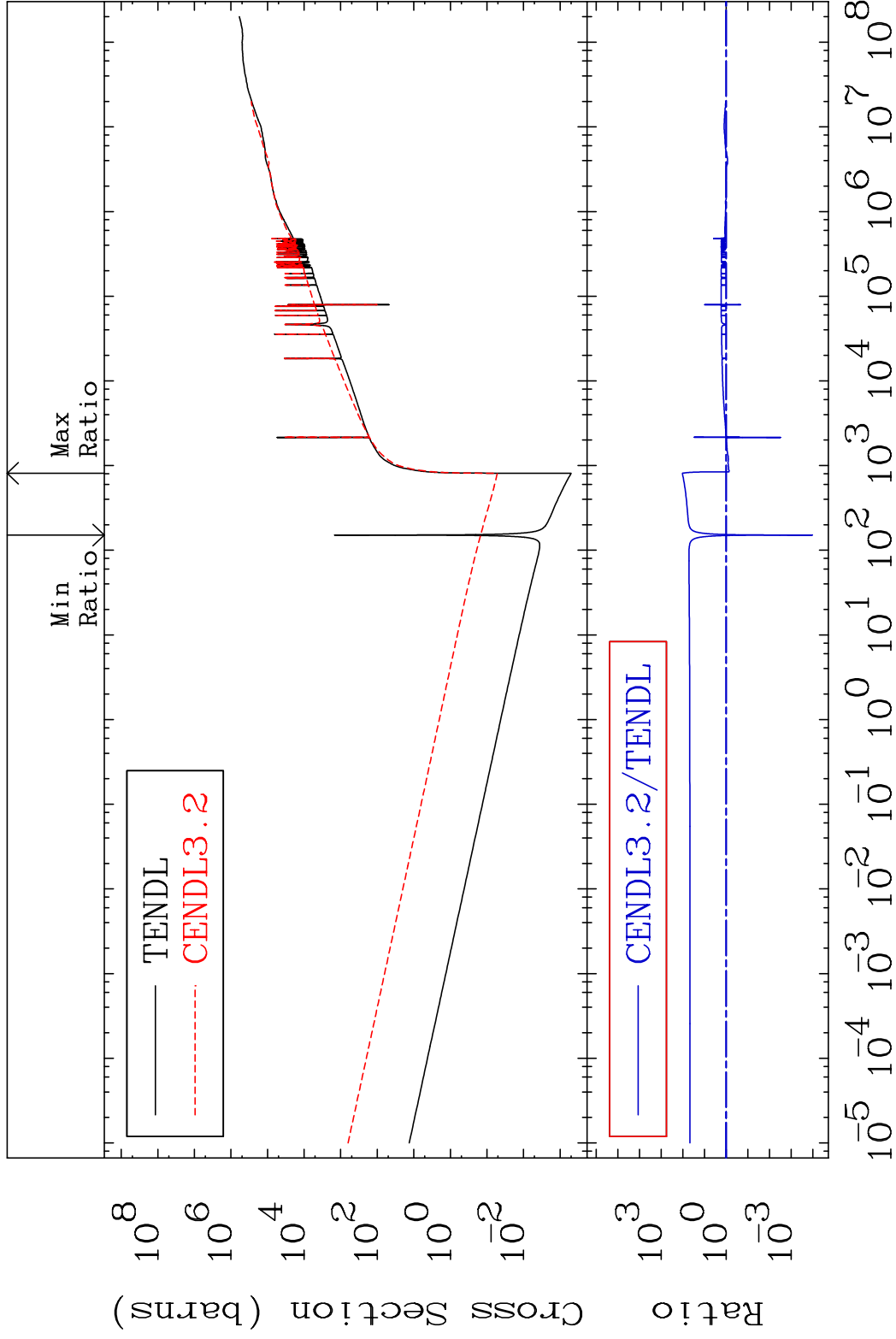


MAT 5461

Dpa total (eV-barns)

54-Xe-136

Cross Section -99.99 To 9999. %



42

Incident Energy (eV)

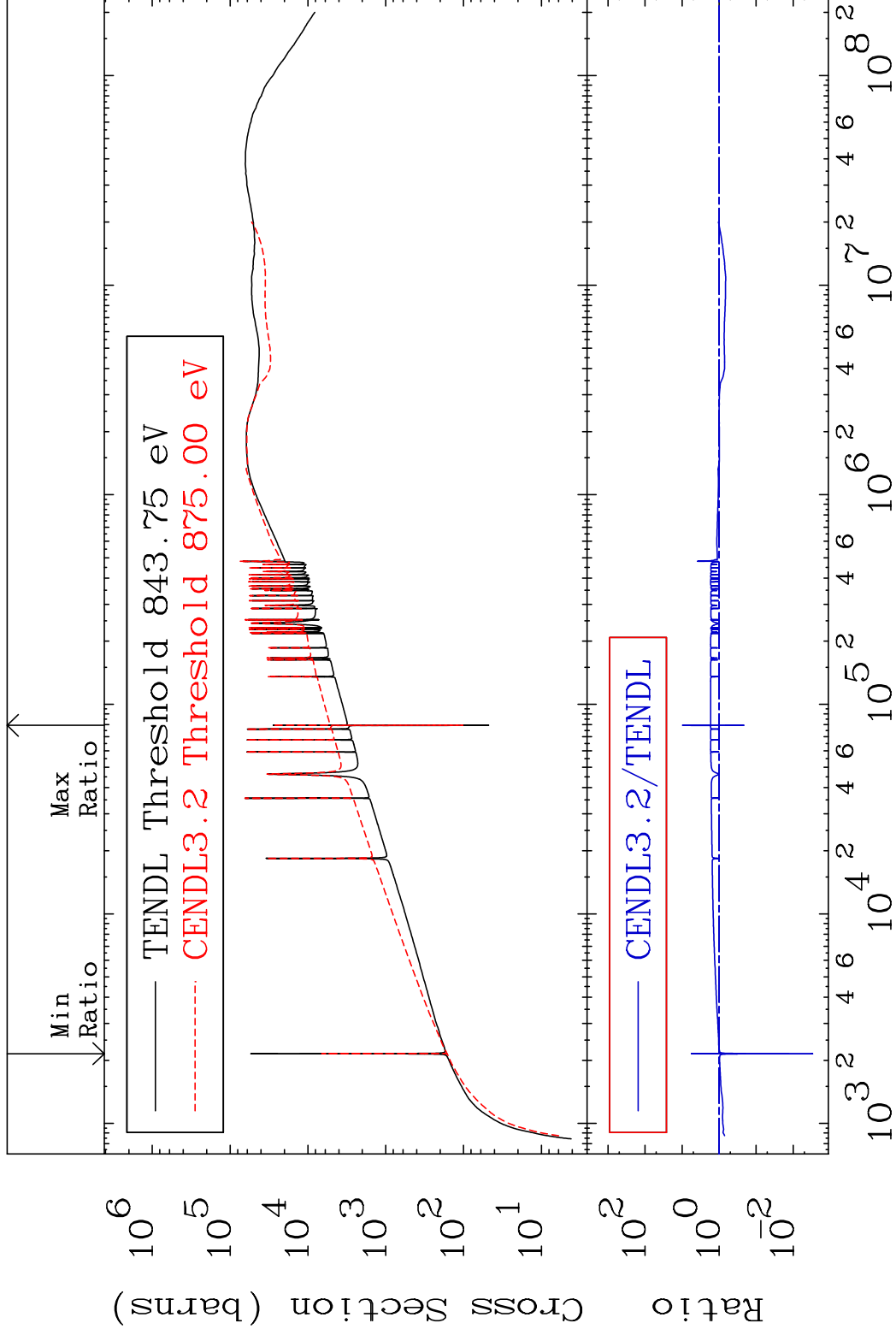
54-Xe-136

MAT 5461

Dpa elastic (mt2)

54-Xe-136

Cross Section -99.70 To 884.6 %



43

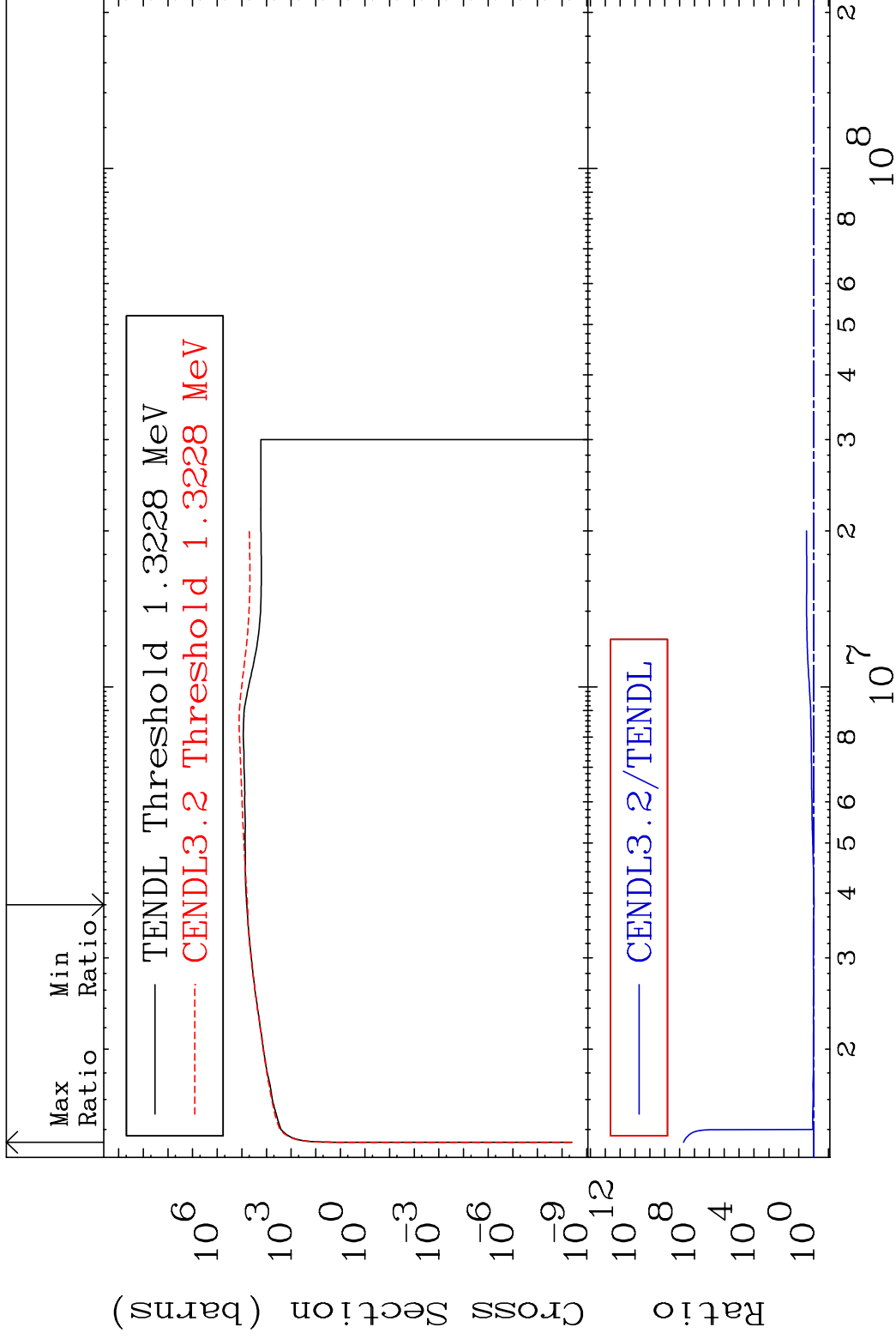
Incident Energy (eV)

54-Xe-136

MAT 5461

Dpa inelastic (mt51-91) 54-Xe-136

Cross Section -7.140 To 9999. %



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

