

Program Complot
(Version 2021-1)

by

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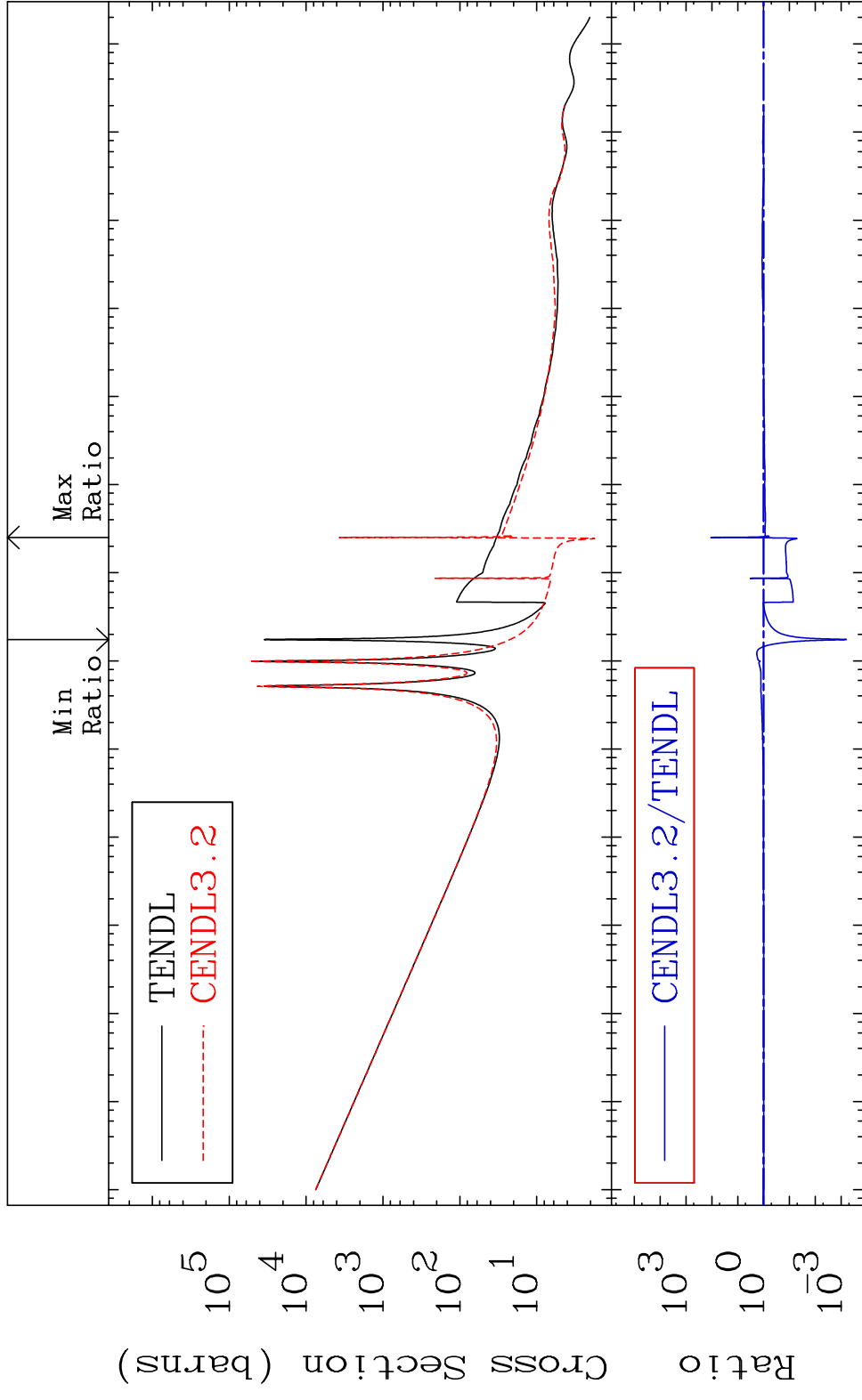
Press Mouse Button to Start

MAT 5425

54-Xe-124

Total

Cross Section -99.94 To 9999. %



1

Incident Energy (eV)

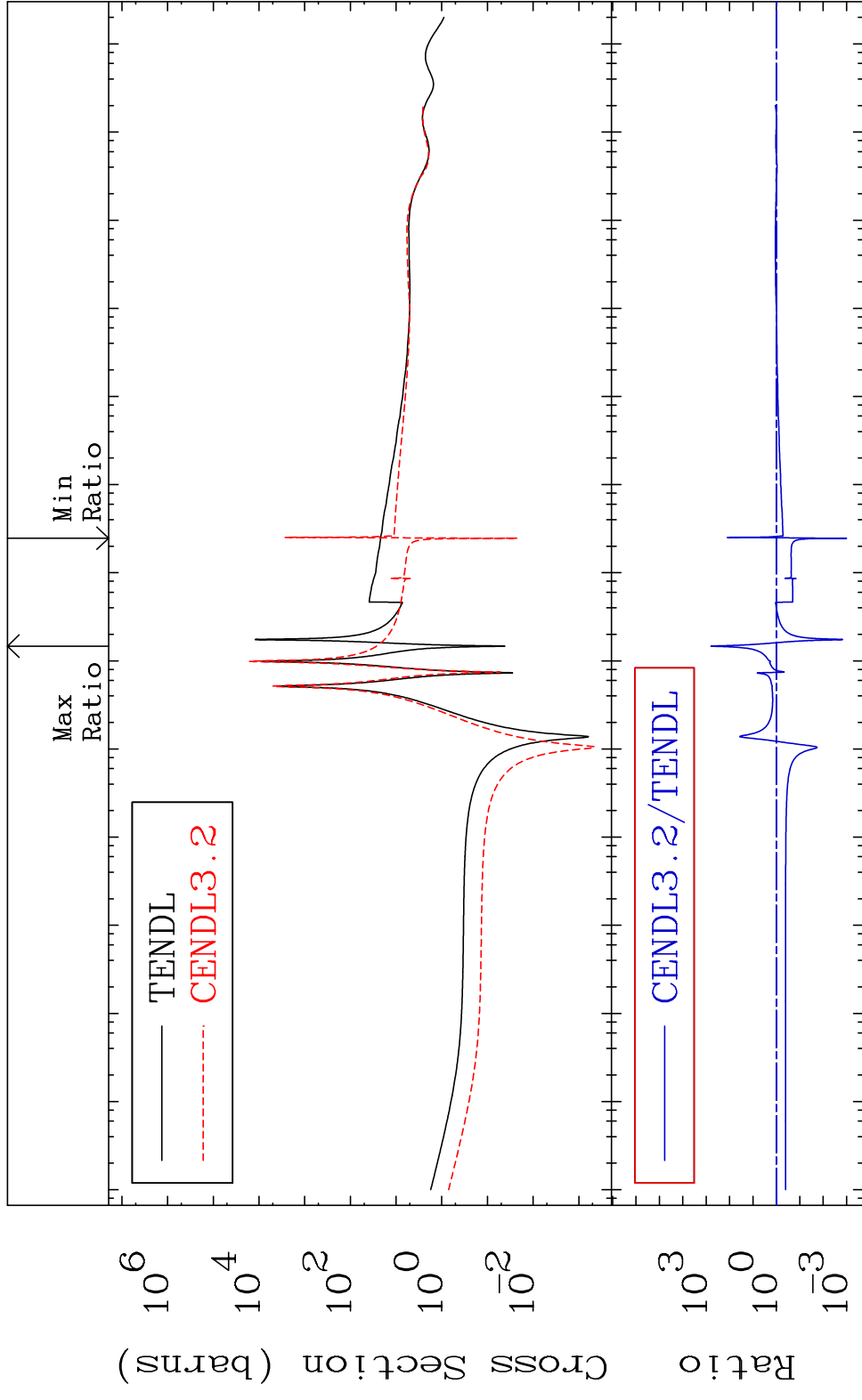
54-Xe-124

MAT 5425

54-Xe-124

Elastic

Cross Section -99.90 To 9999. %

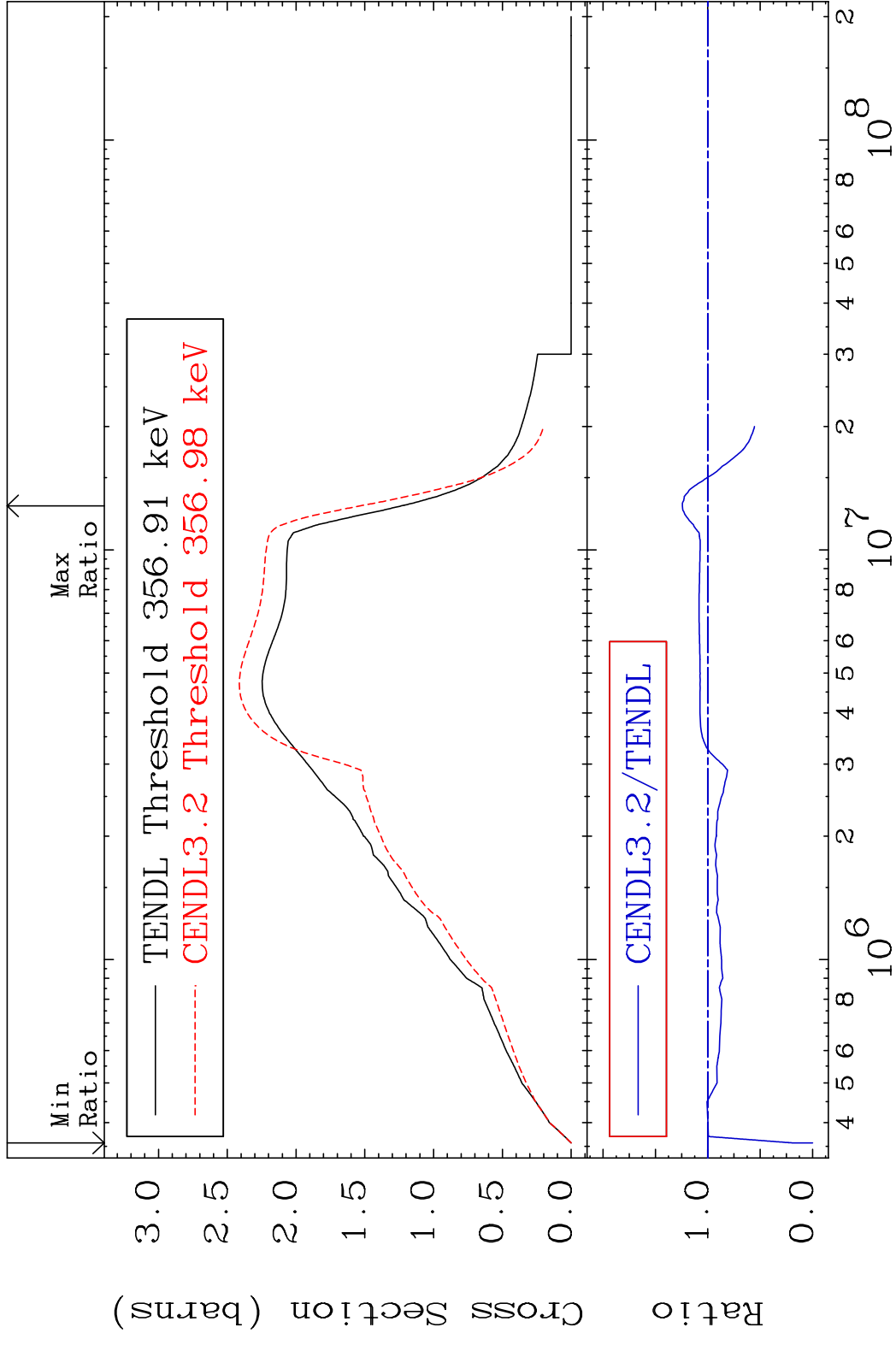


2

Incident Energy (eV)

54-Xe-124

MAT 5425 Inelastic 54-Xe-124
 Cross Section -100.0 To 24.31 %



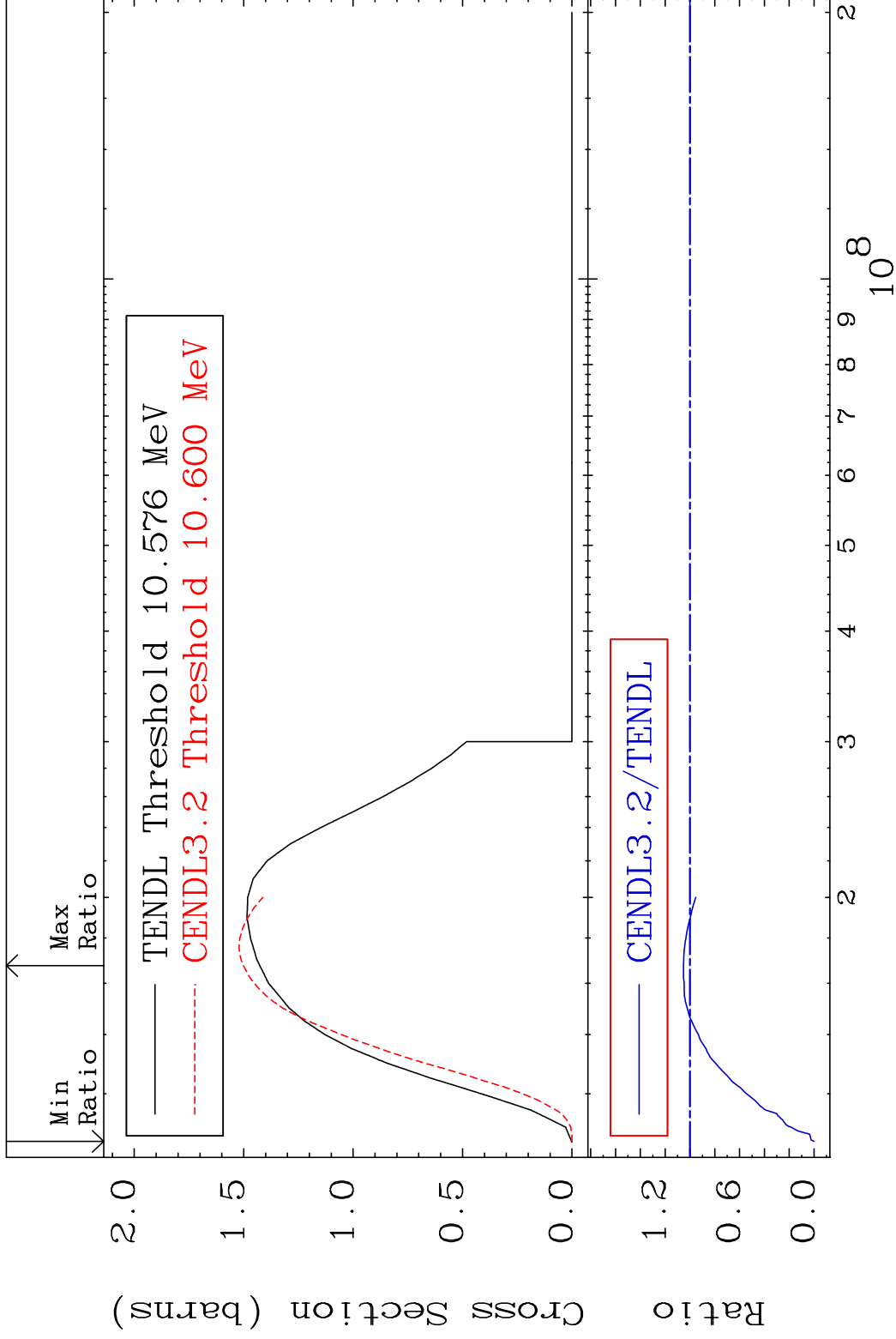
3 Incident Energy (eV) 54-Xe-124

MAT 5425

(n,2n)

54-Xe-124

Cross Section -100.0 To 5.241 %



4

Incident Energy (eV)

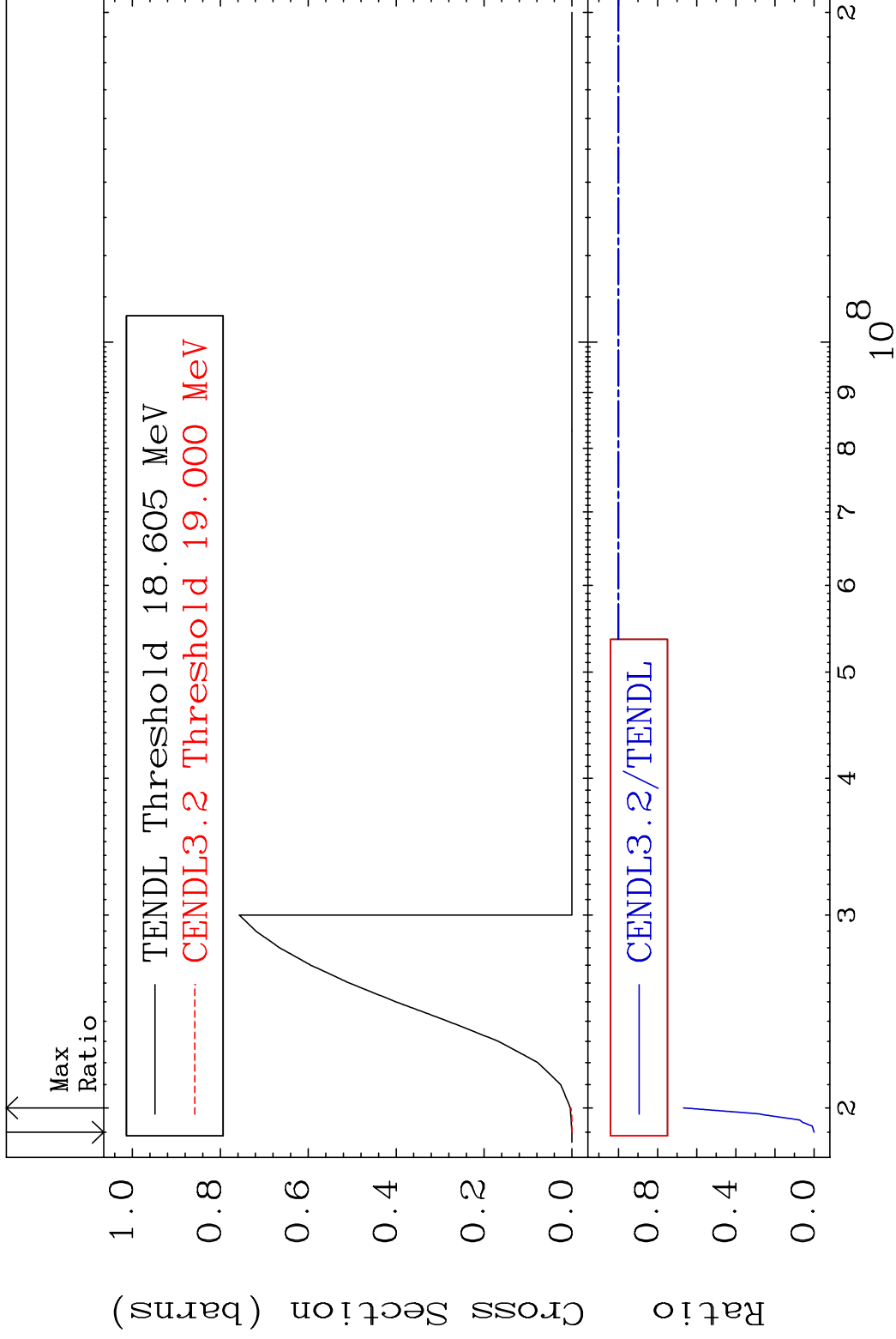
54-Xe-124

MAT 5425

(n,3n)

54-Xe-124

Cross Section -100.0 To -33.24%



5

Incident Energy (eV)

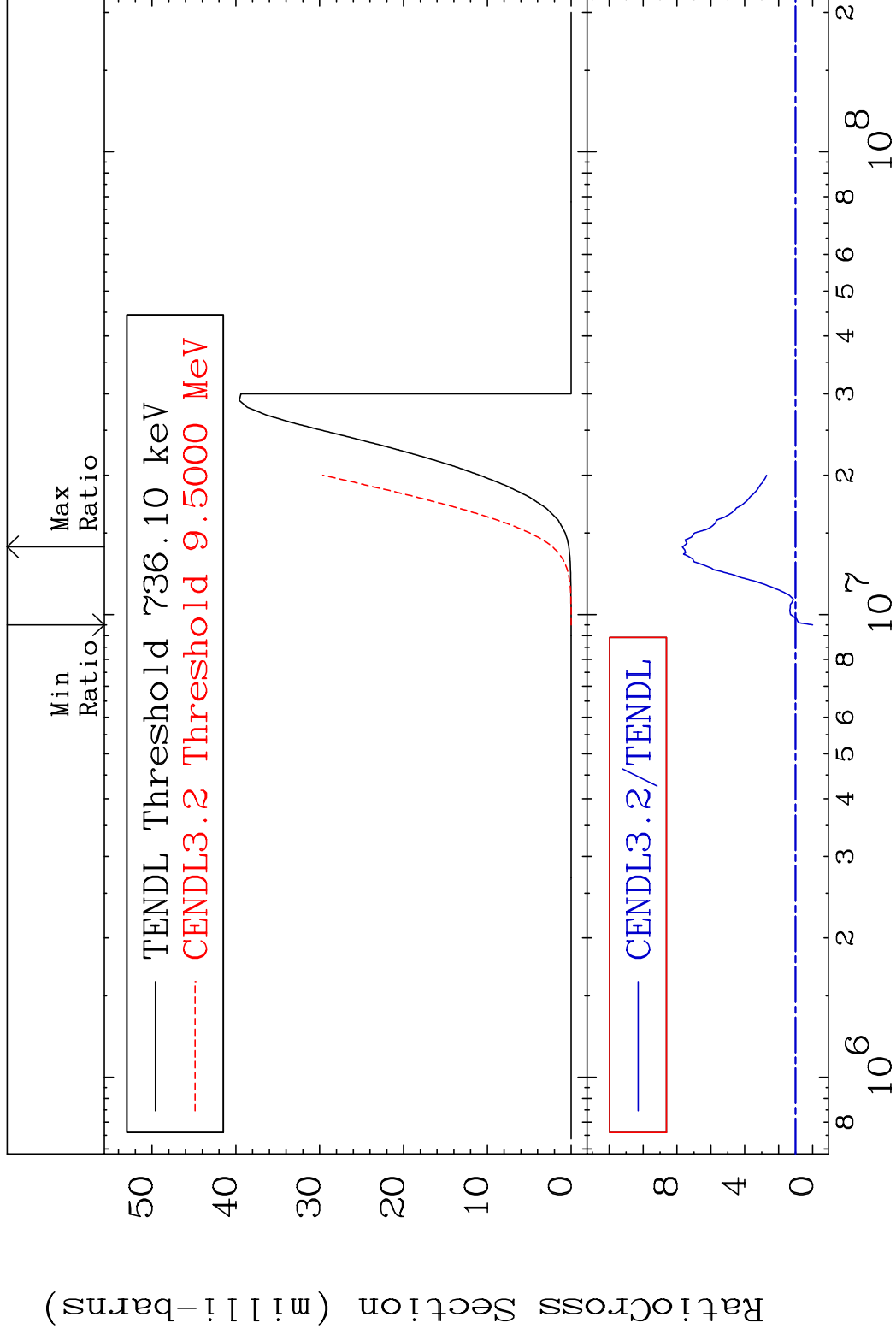
54-Xe-124

MAT 5425

(n, n') α

54-Xe-124

Cross Section -100.0 To 668.2 %



6

Incident Energy (eV)

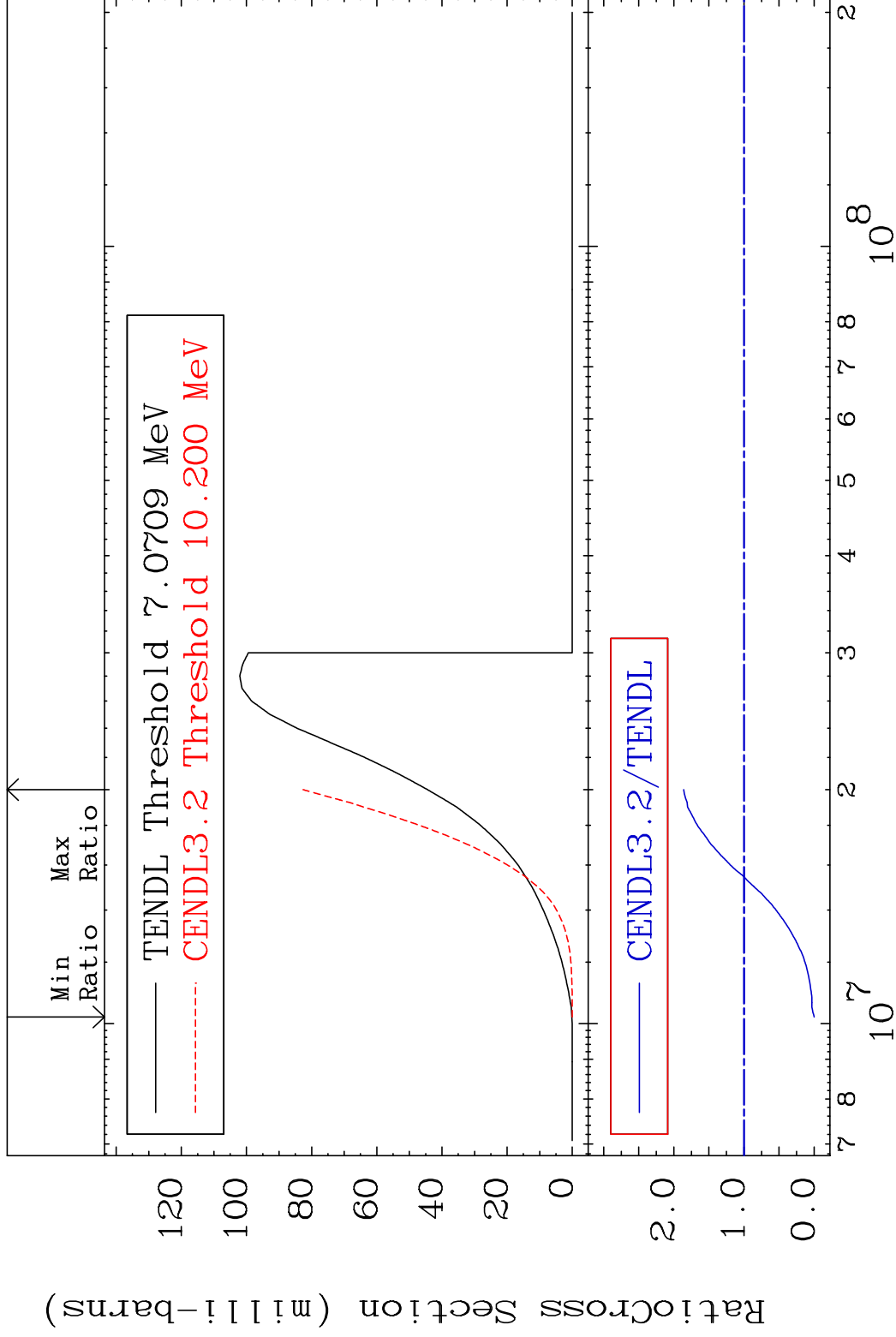
54-Xe-124

MAT 5425

(n, n') p

54-Xe-124

Cross Section -100.0 To 86.02 %

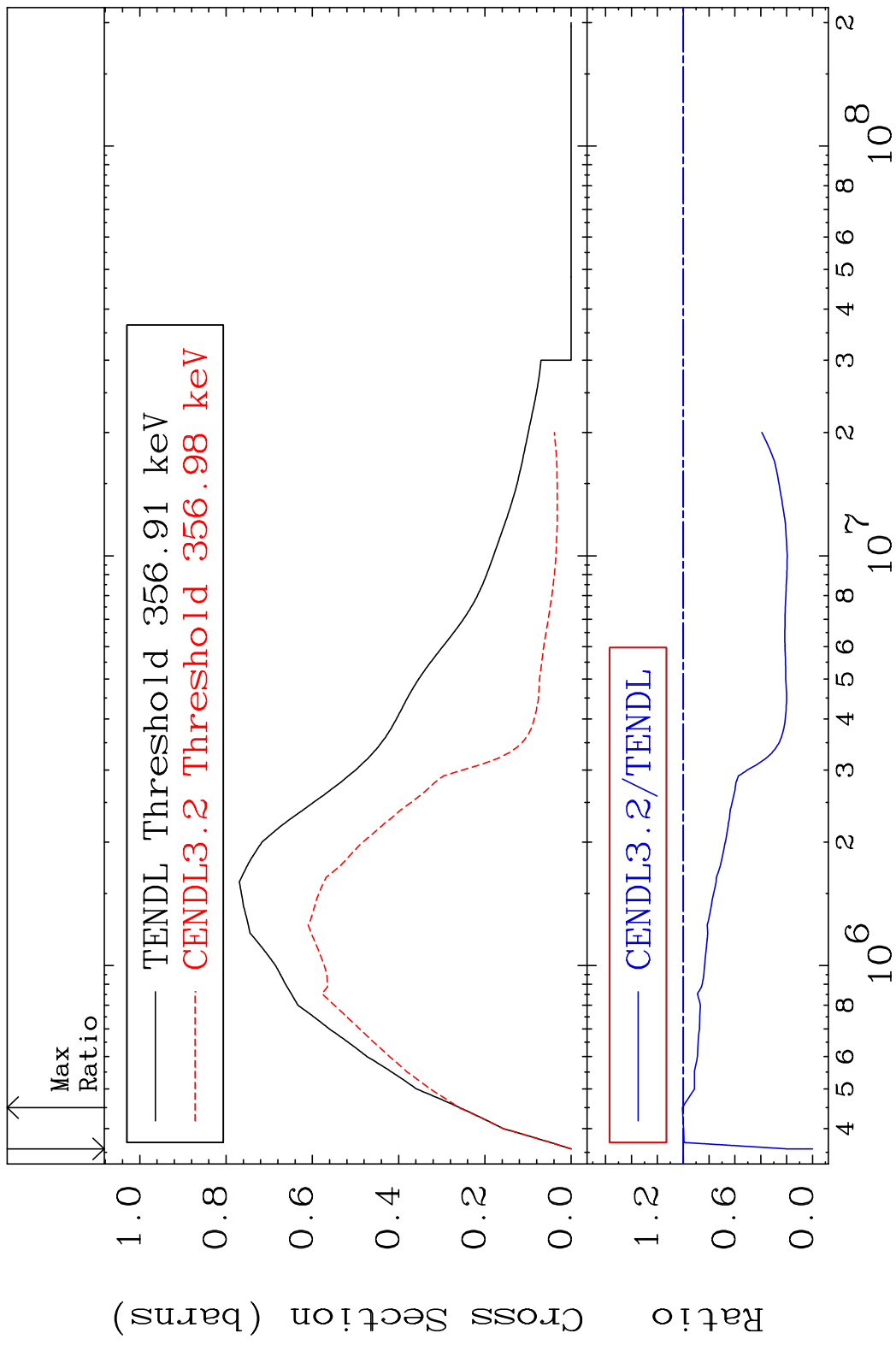


7

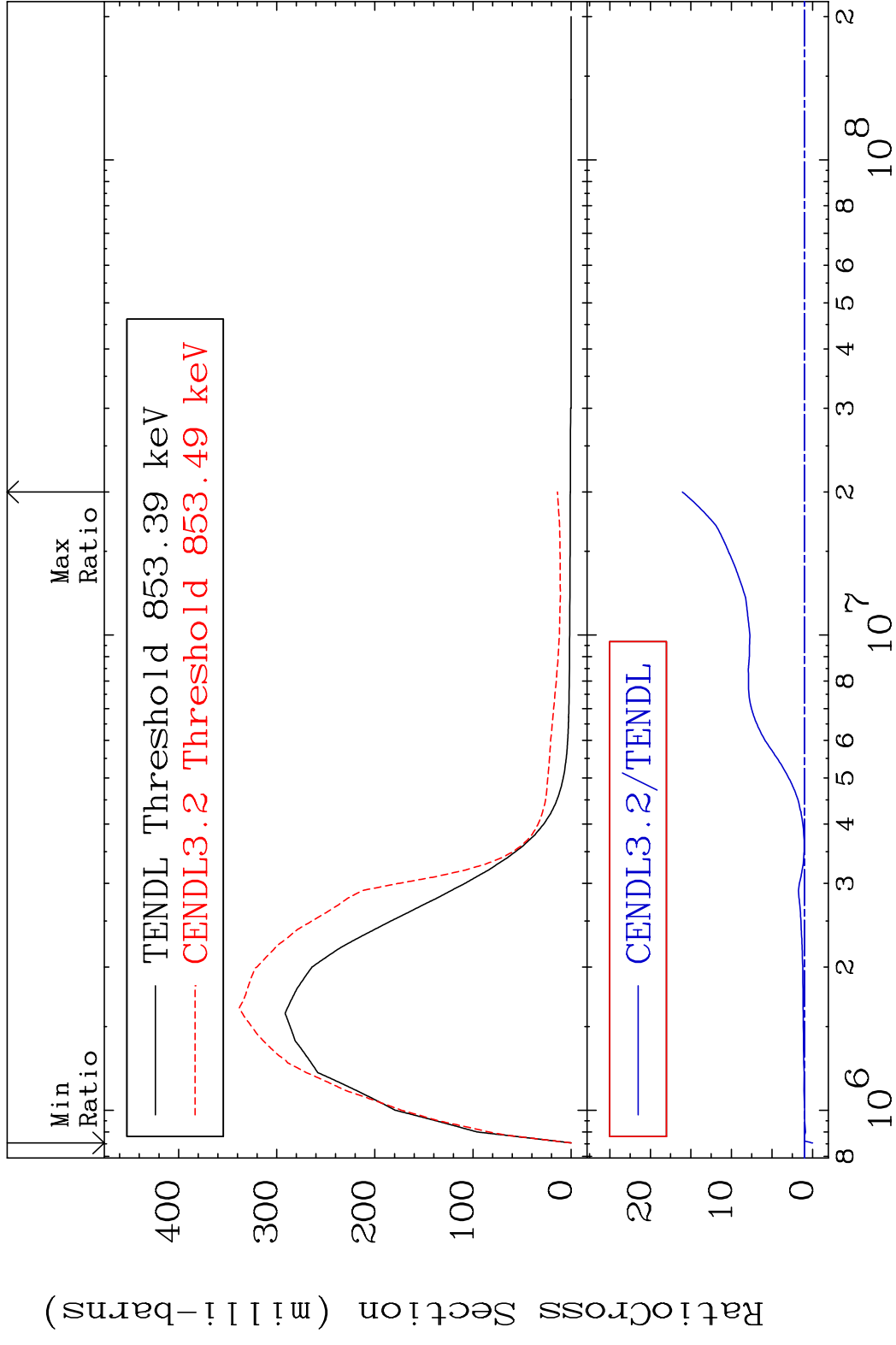
Incident Energy (eV)

54-Xe-124

MAT 5425 MT= 51 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 0.670 %

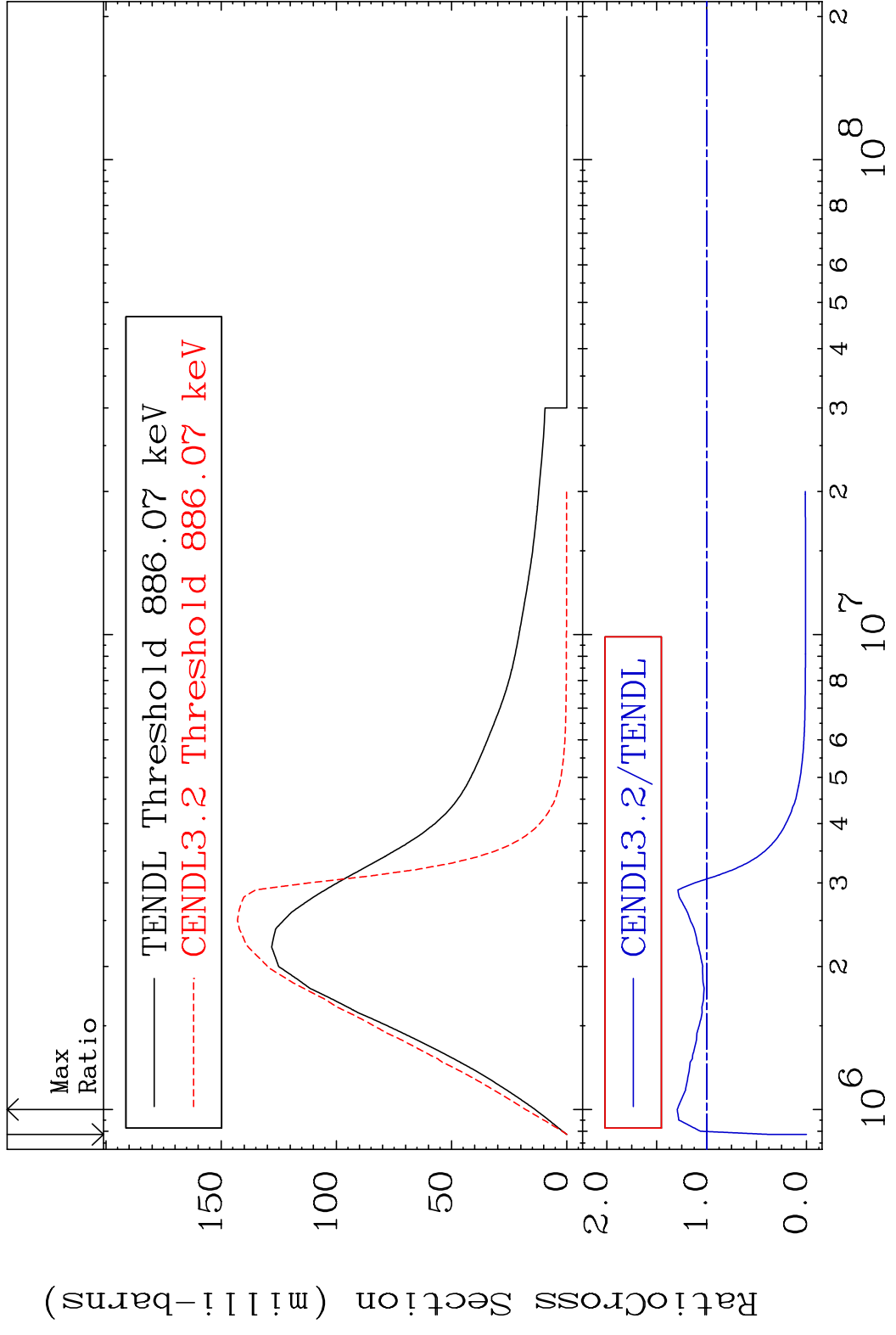


MAT 5425 MT= 52 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 1505. %



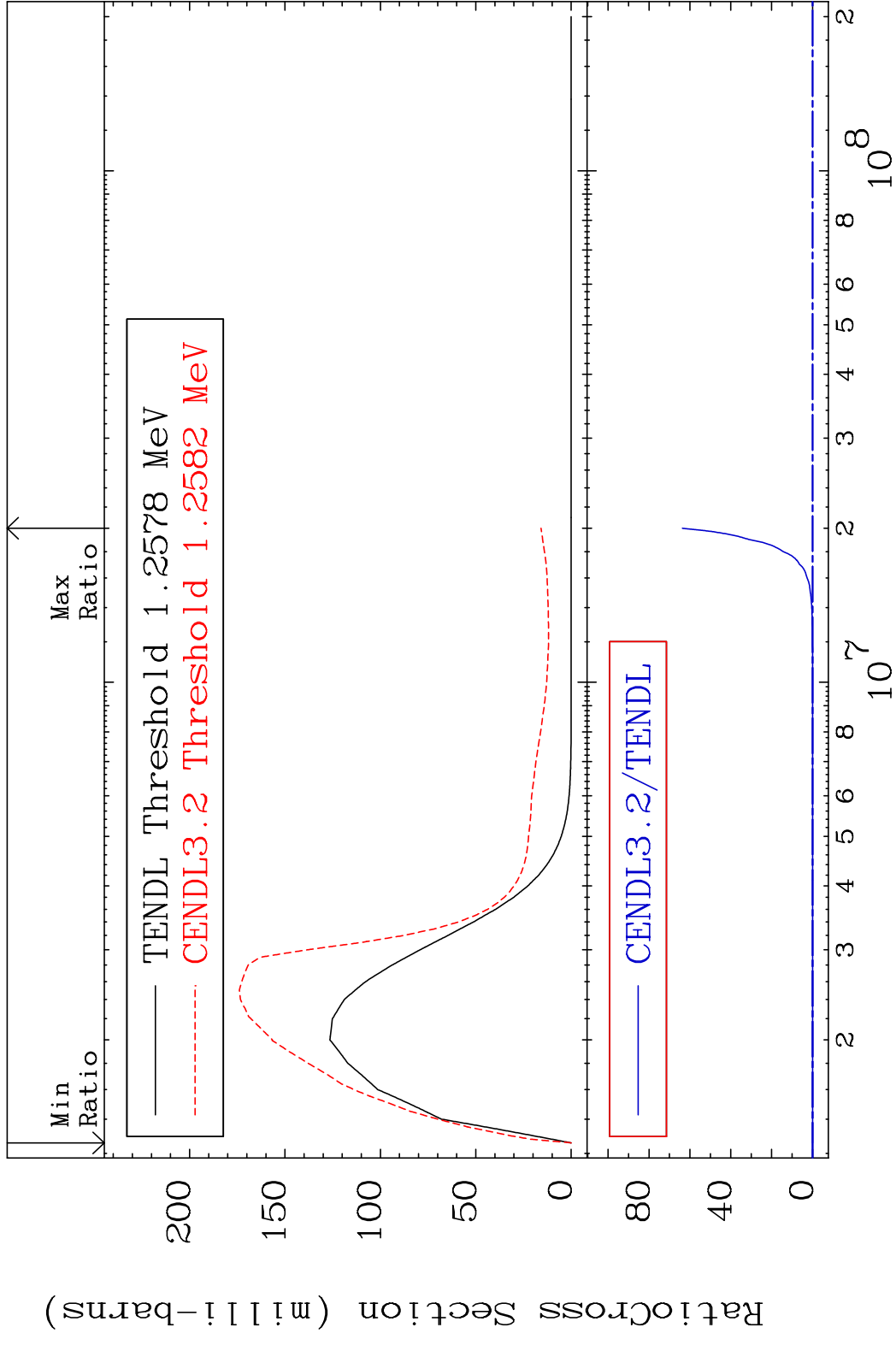
9 Incident Energy (eV) 54-Xe-124

MAT 5425 MT= 53 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 29.49 %

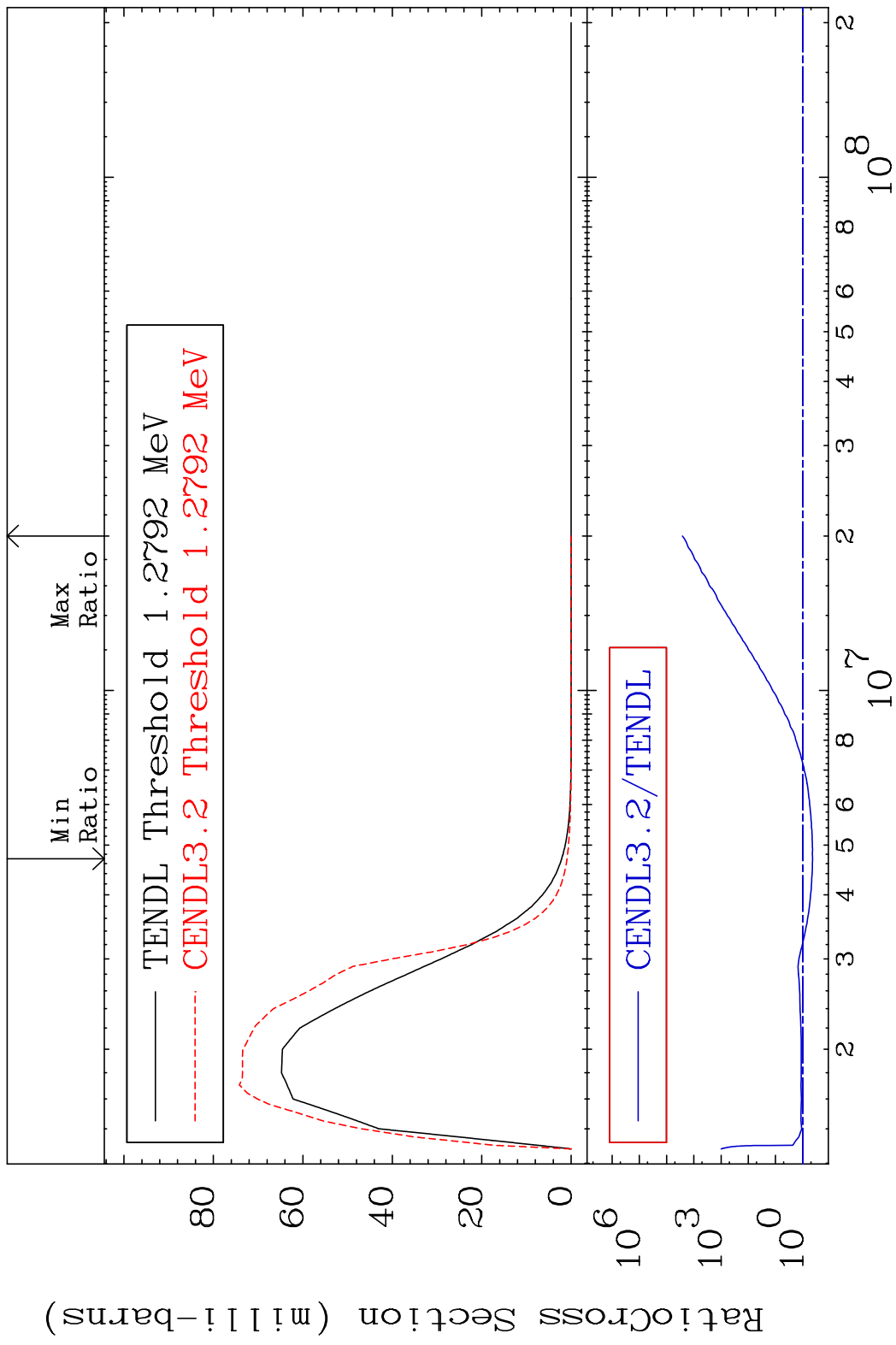


10 Incident Energy (eV) 54-Xe-124

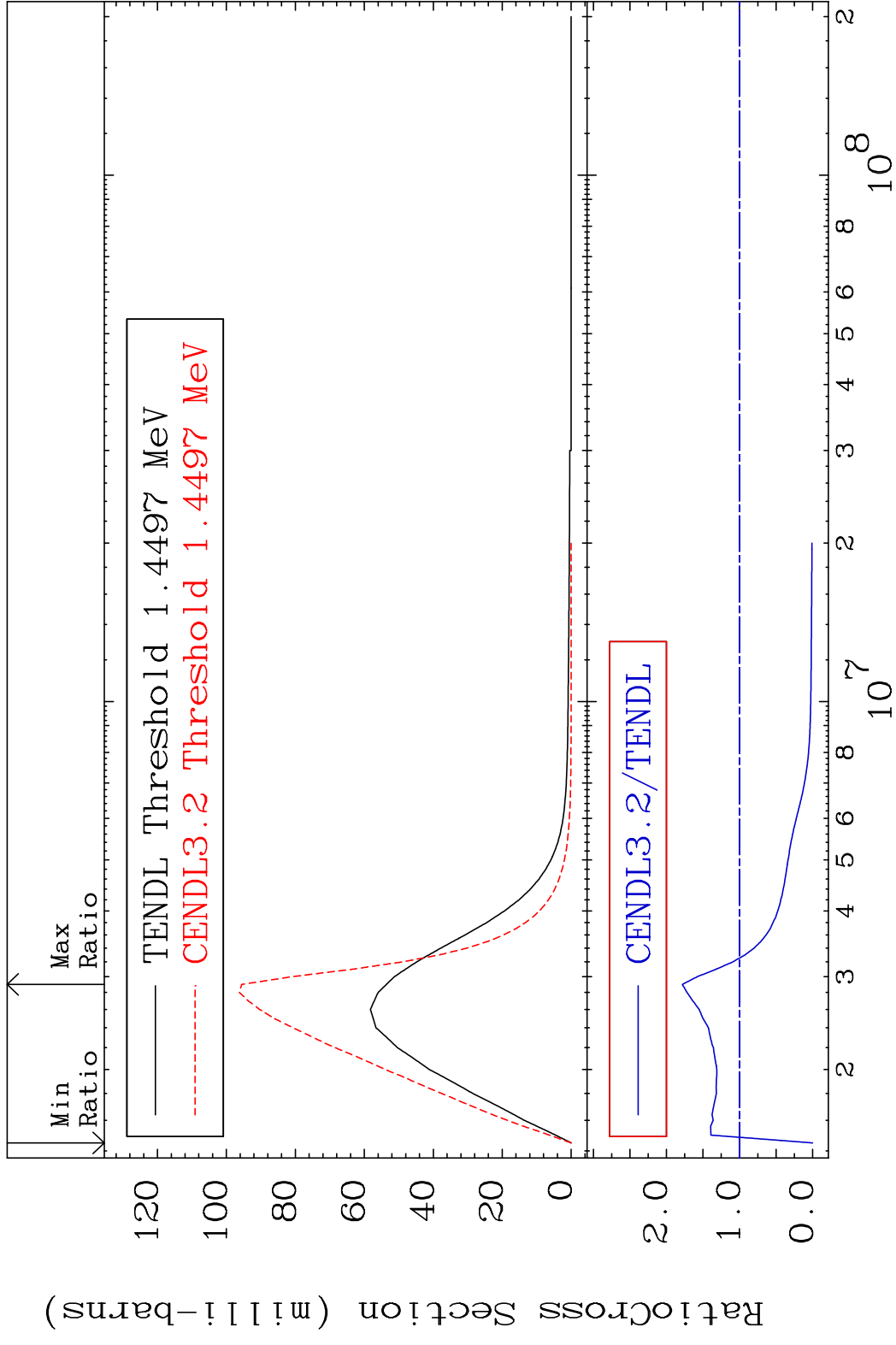
MAT 5425 MT= 54 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 9999. %



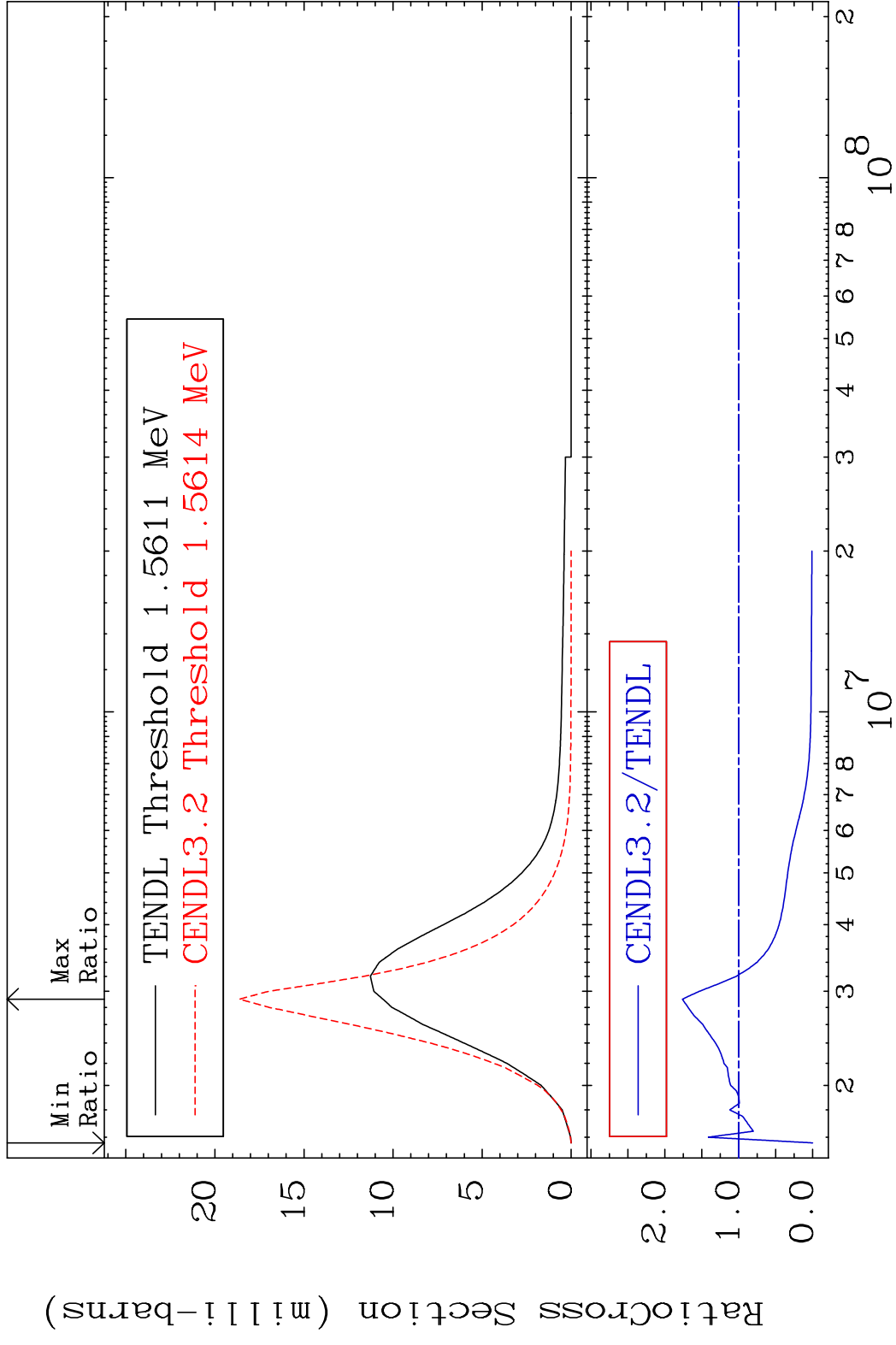
MAT 5425 MT= 55 (n, n') Level 54-Xe-124
 Cross Section -56.22 To 9999. %



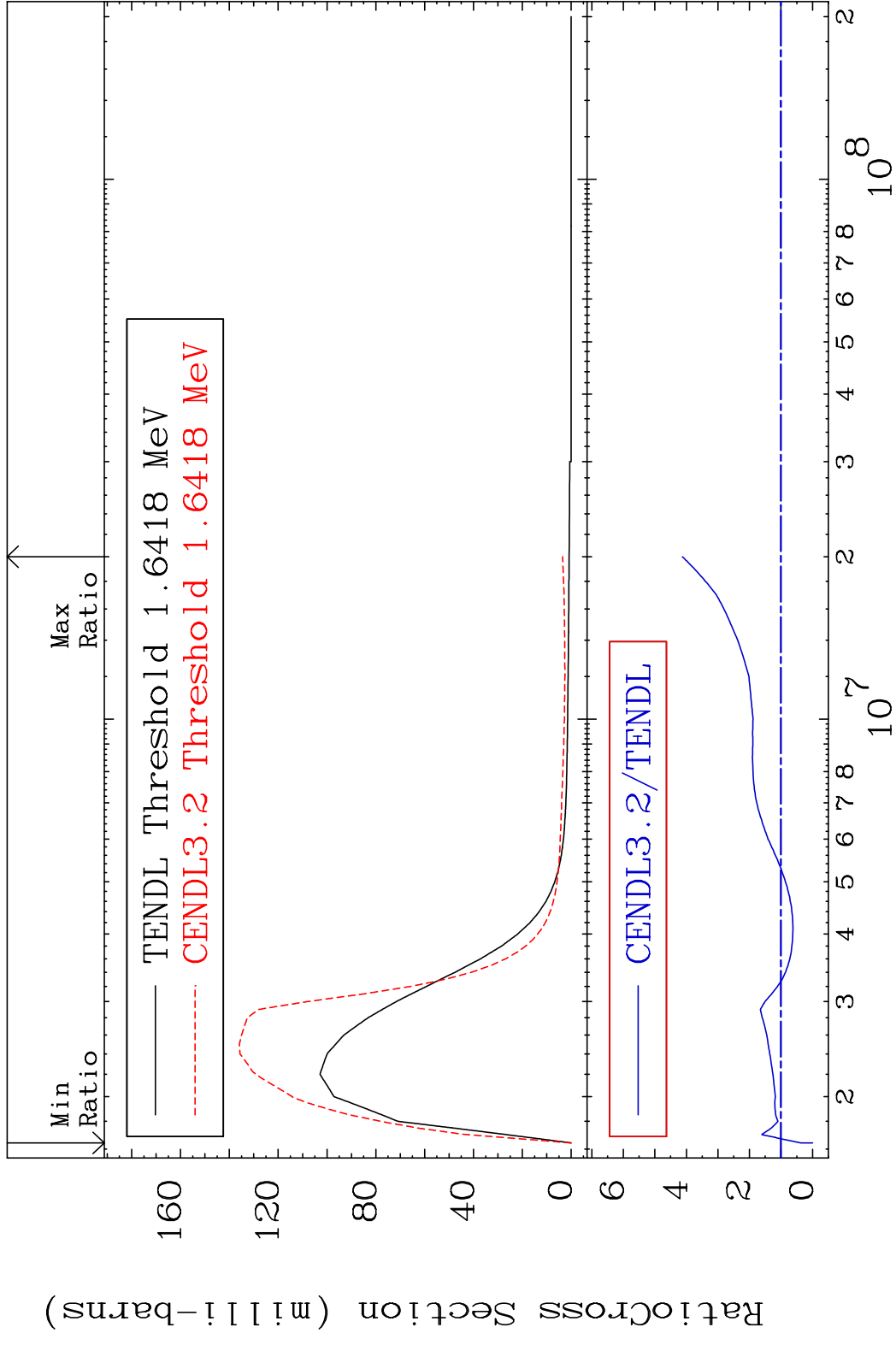
MAT 5425 MT= 56 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 78.25 %



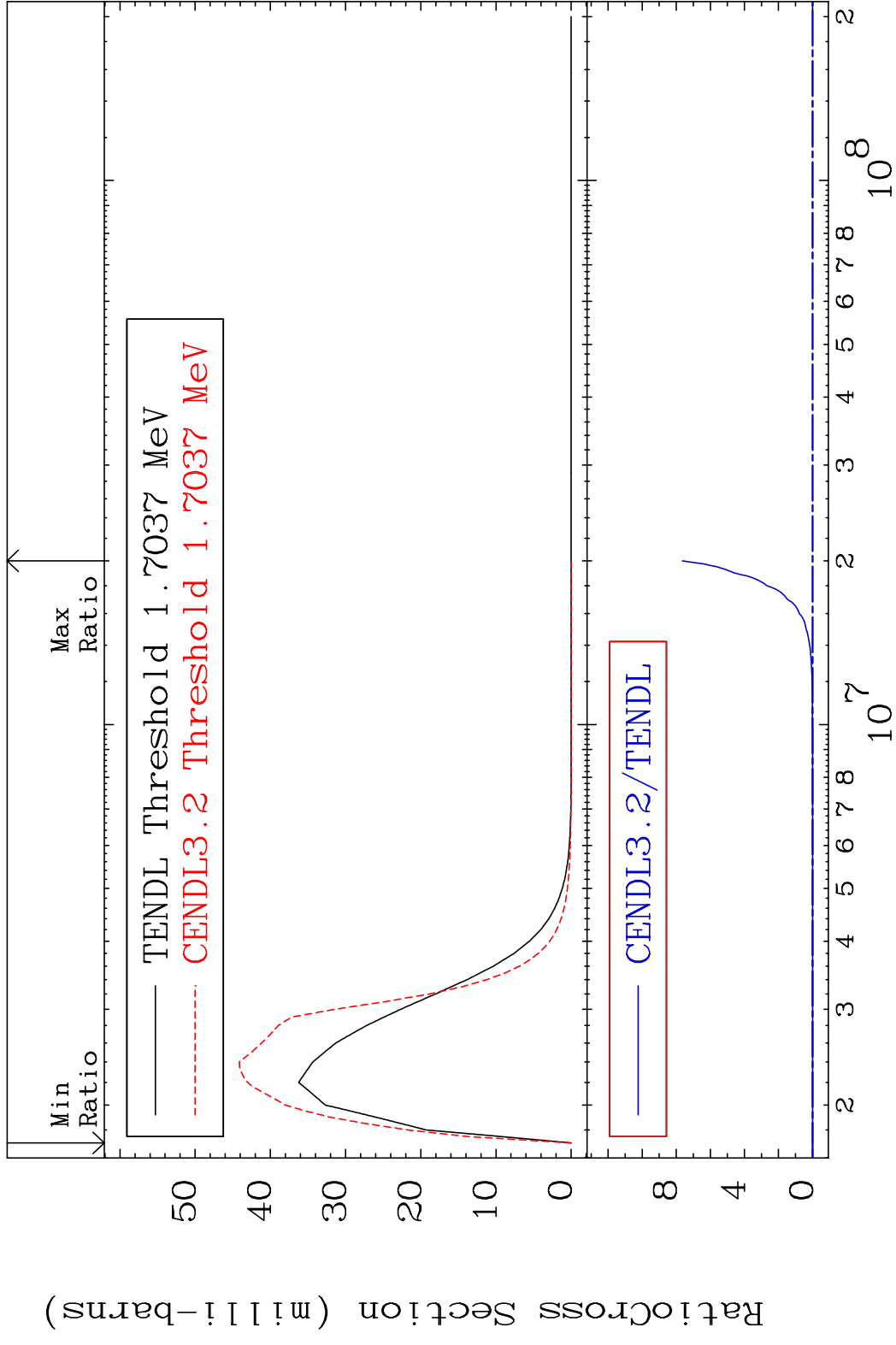
MAT 5425 MT= 57 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 76.26 %



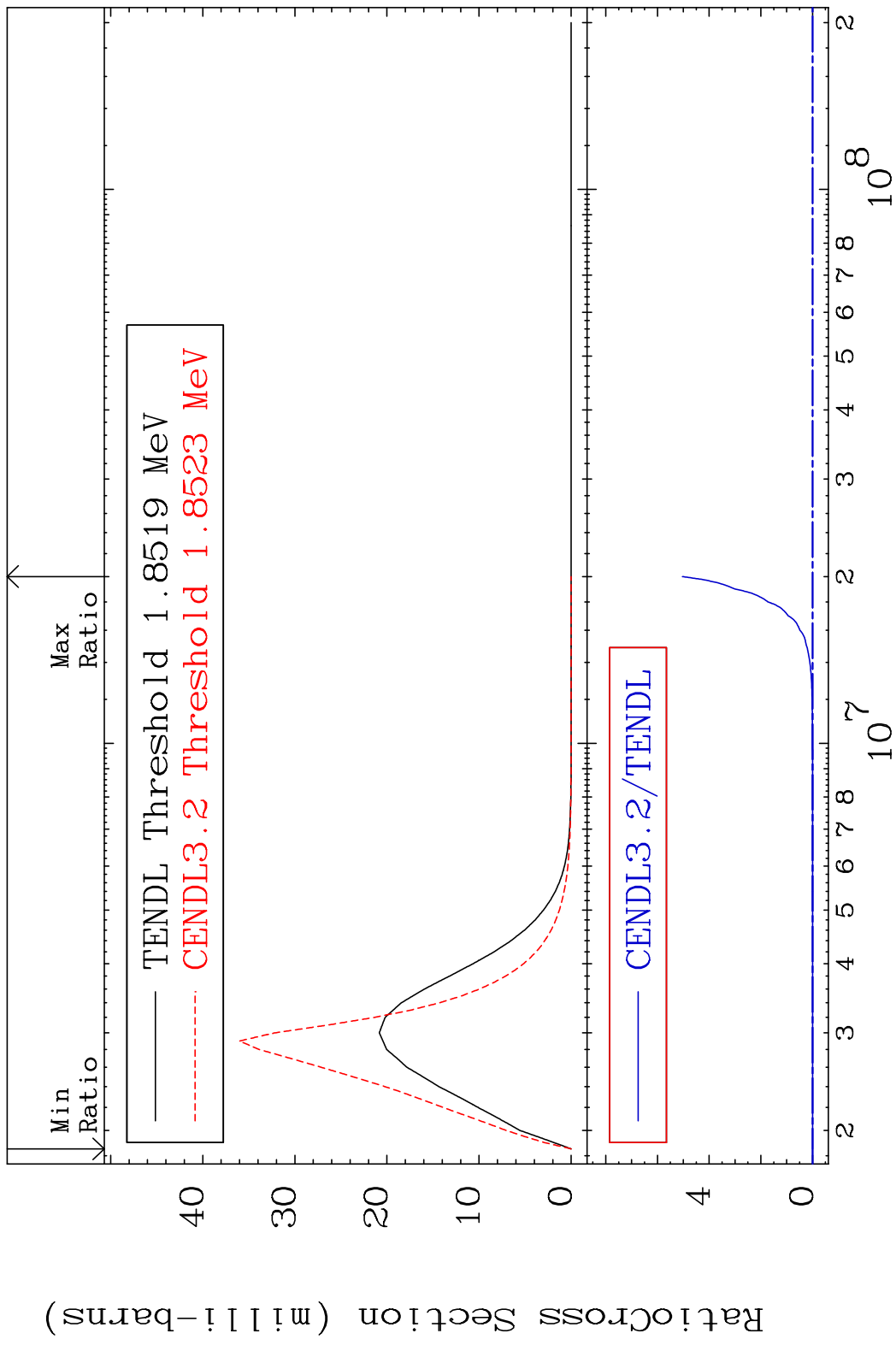
MAT 5425 MT= 58 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 312.8 %



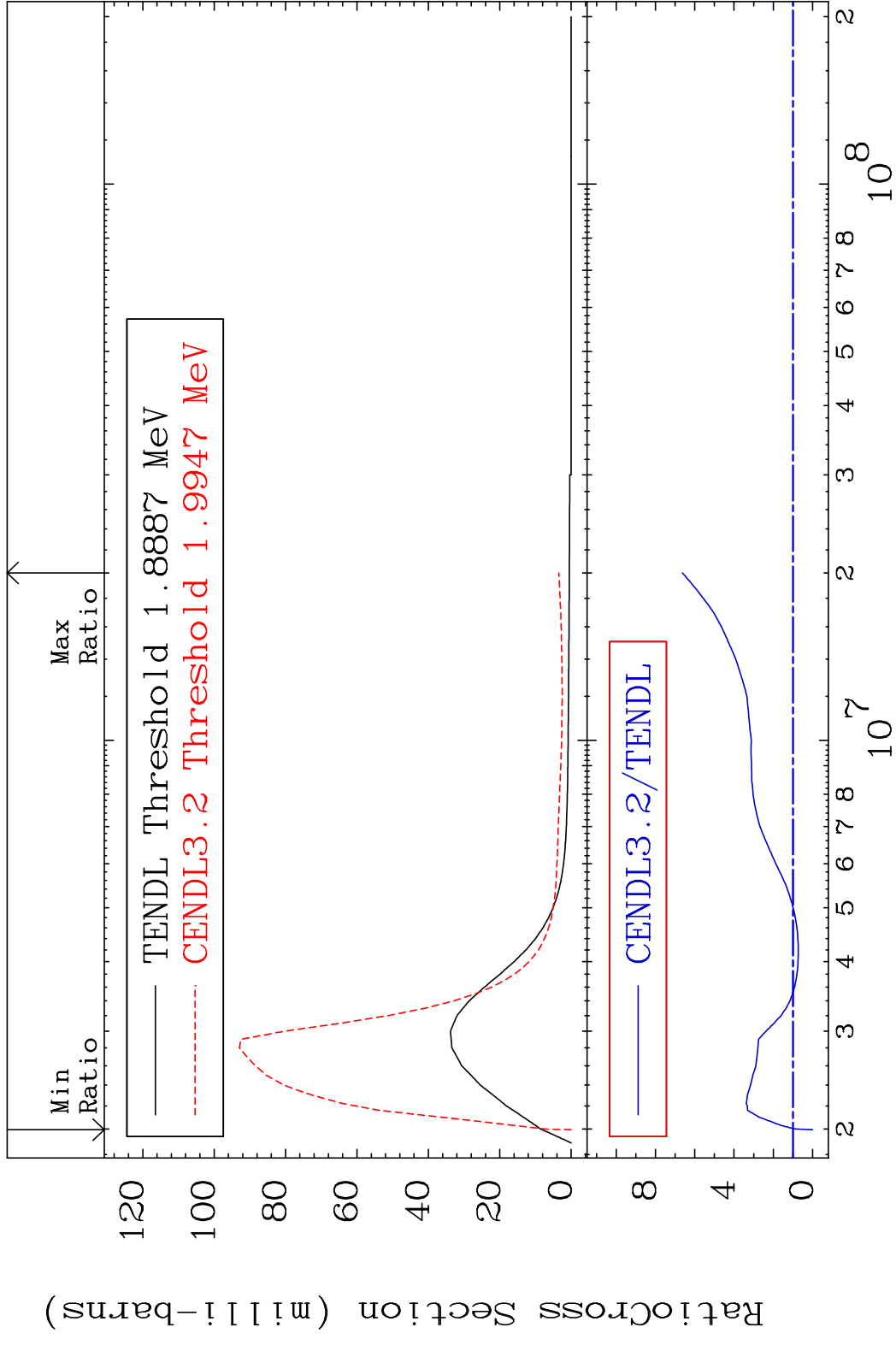
MAT 5425 MT= 59 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 9999. %



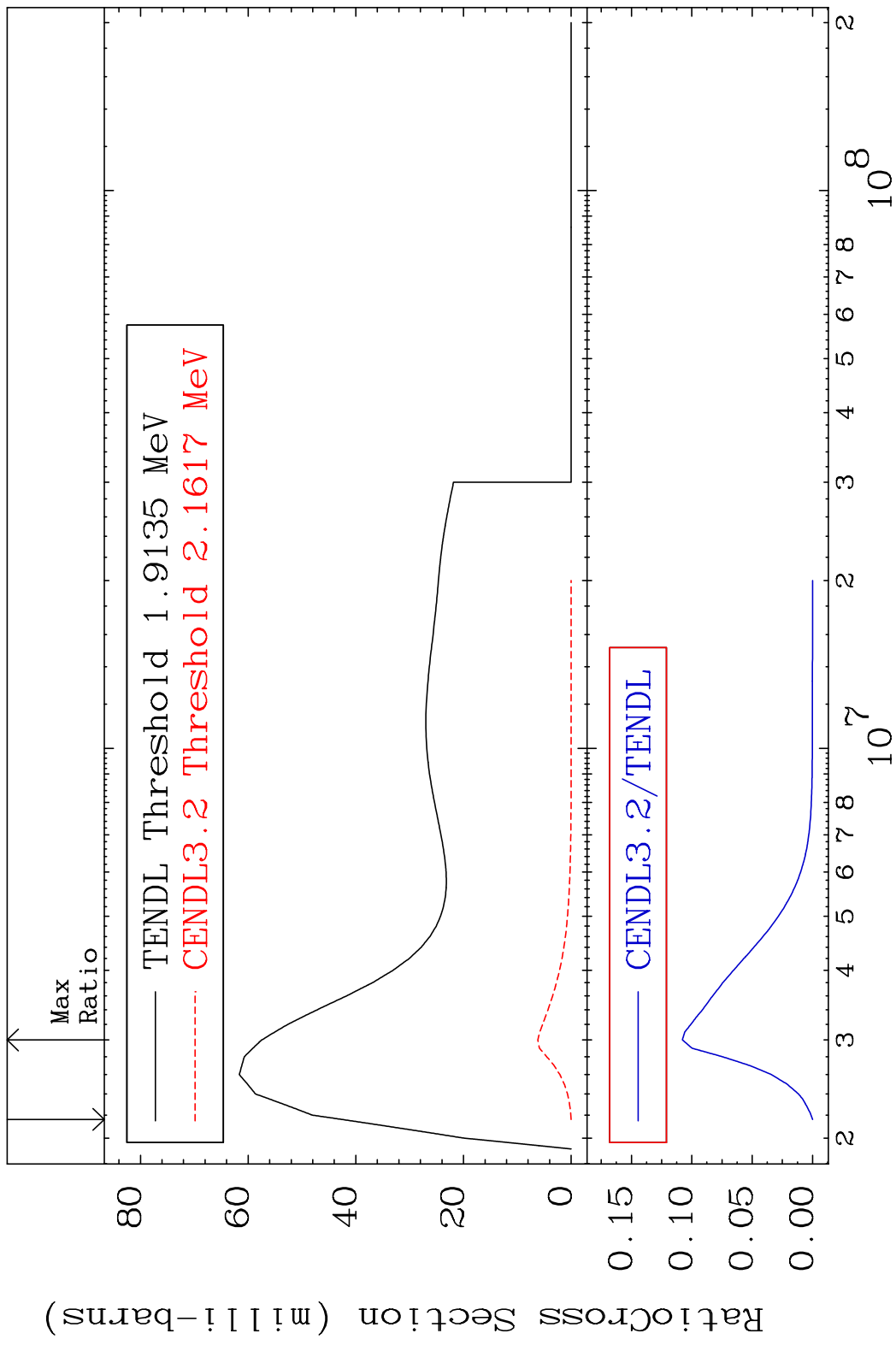
MAT 5425 MT= 60 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 9999. %



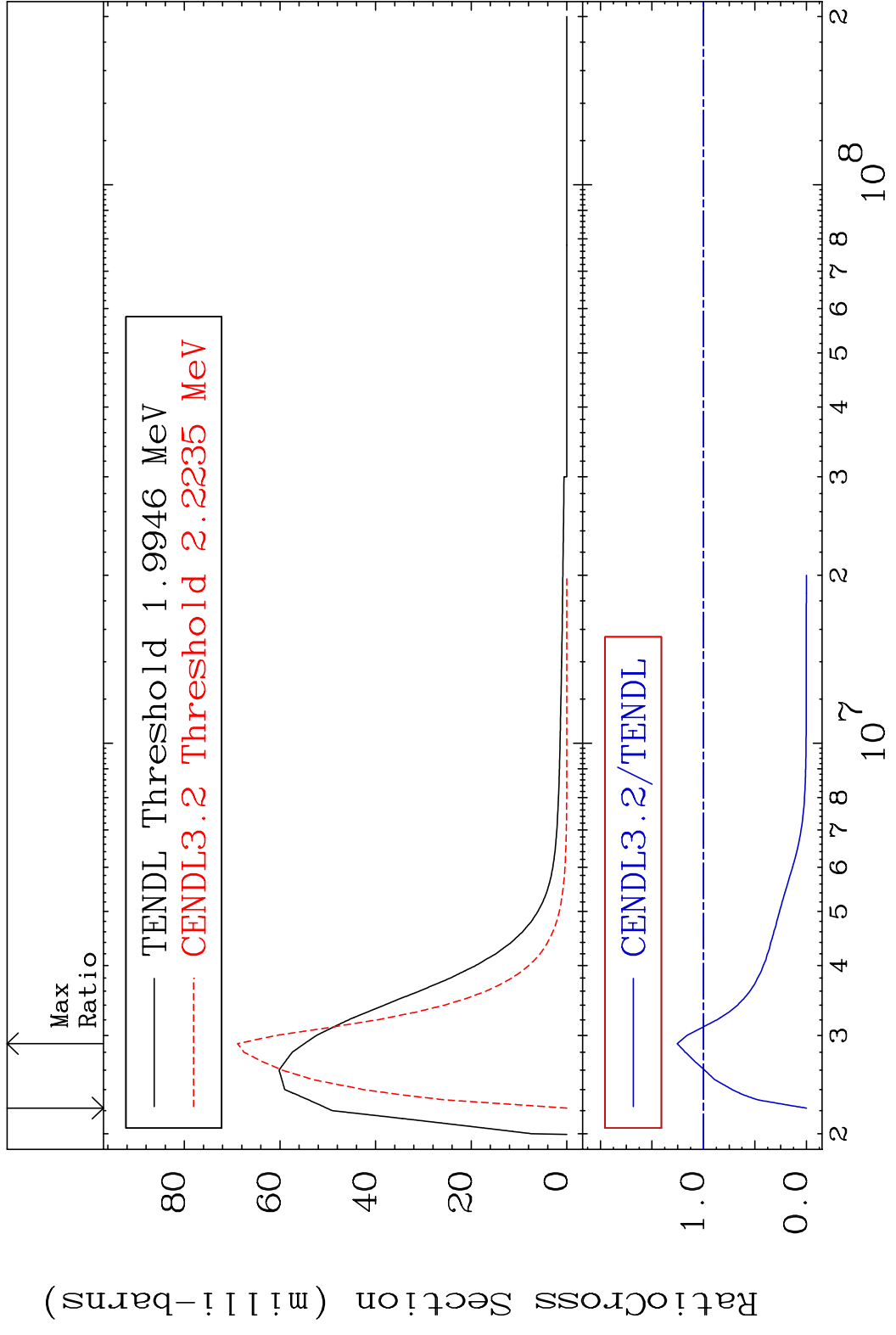
MAT 5425 MT= 61 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 563.2 %



MAT 5425 MT= 62 (n, n') Level 54-Xe-124
 Cross Section -100.0 To -89.22%

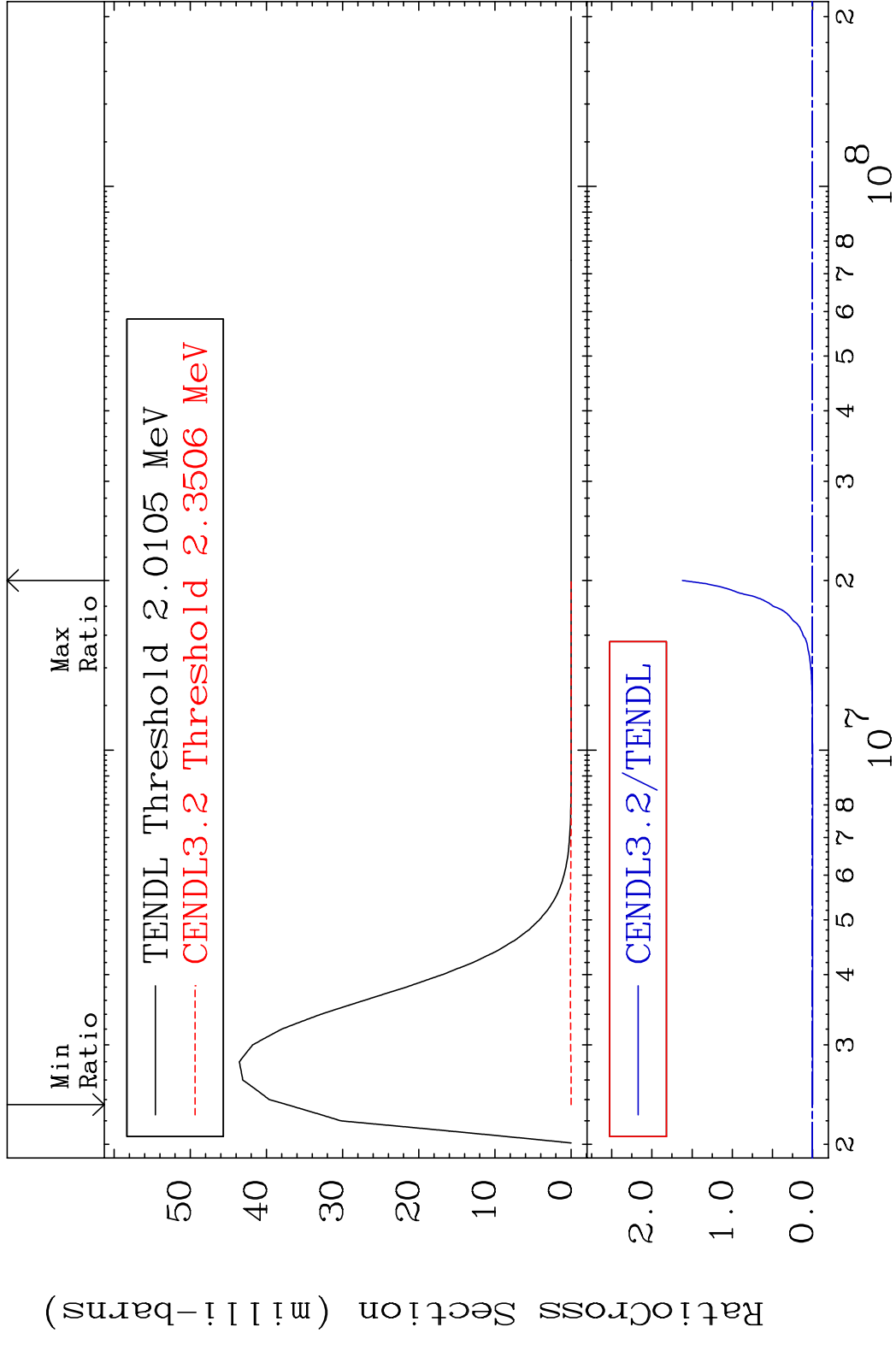


MAT 5425 MT= 63 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 25.50 %

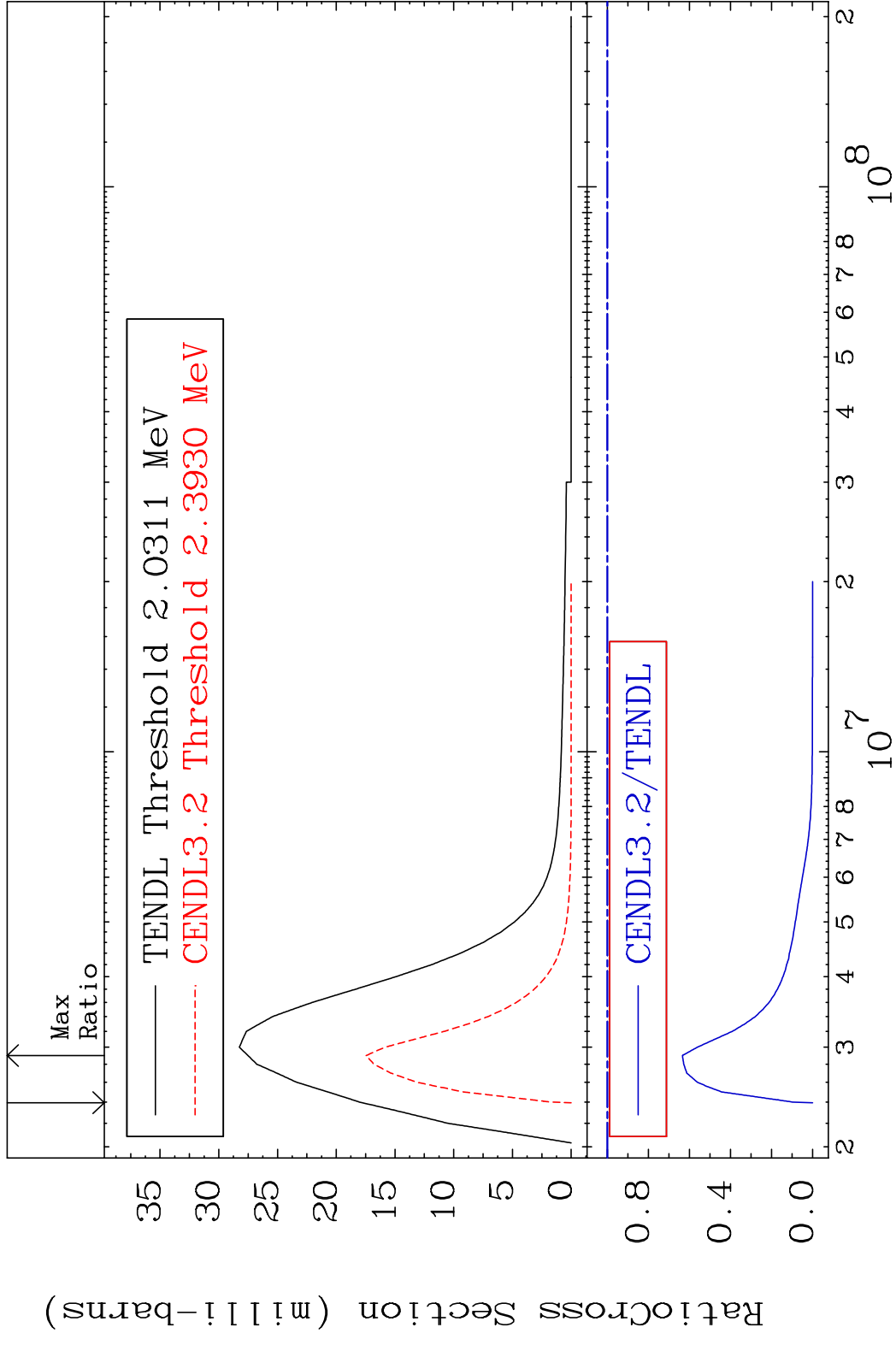


20 54-Xe-124

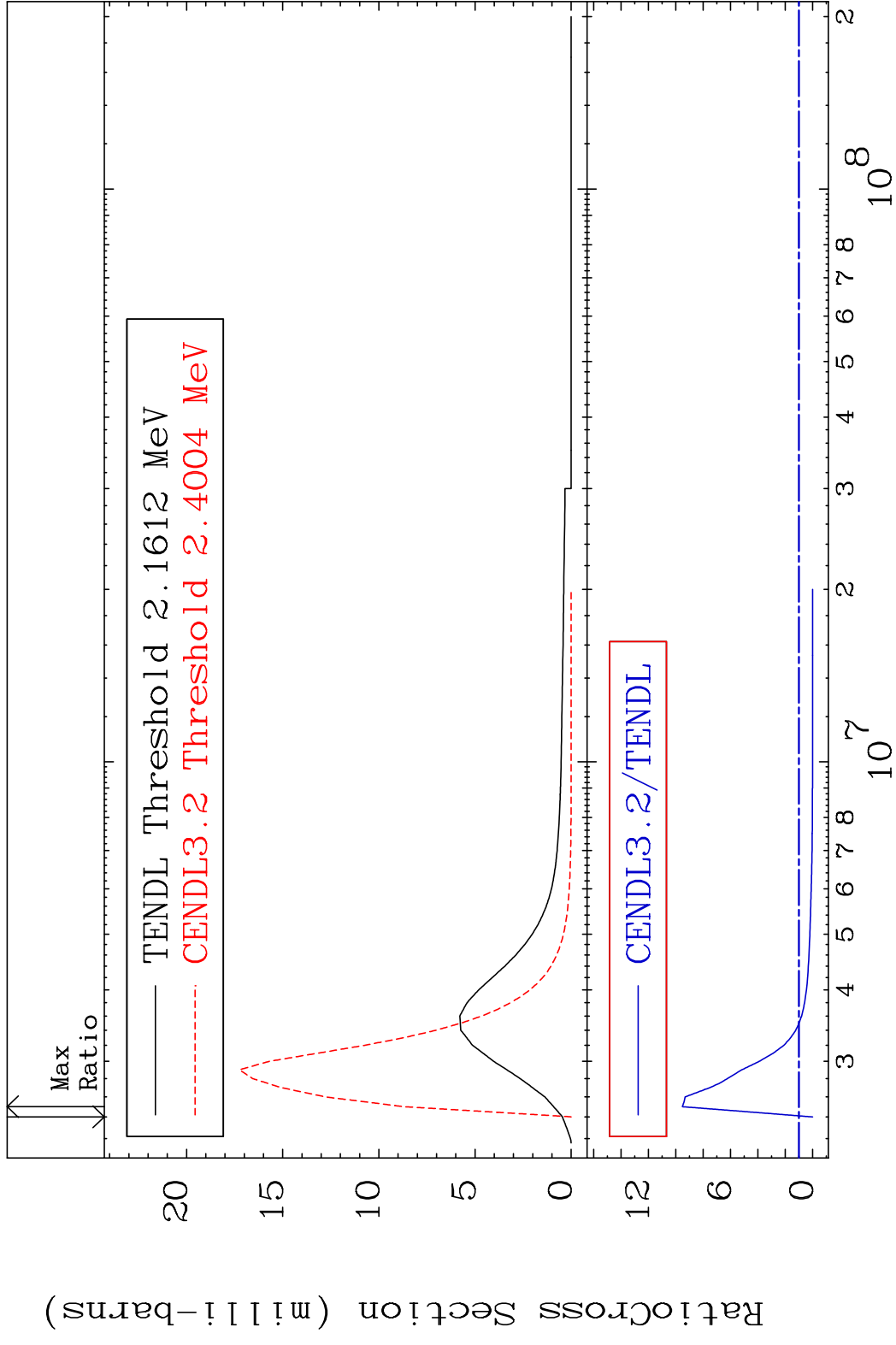
MAT 5425 MT= 64 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 9999. %



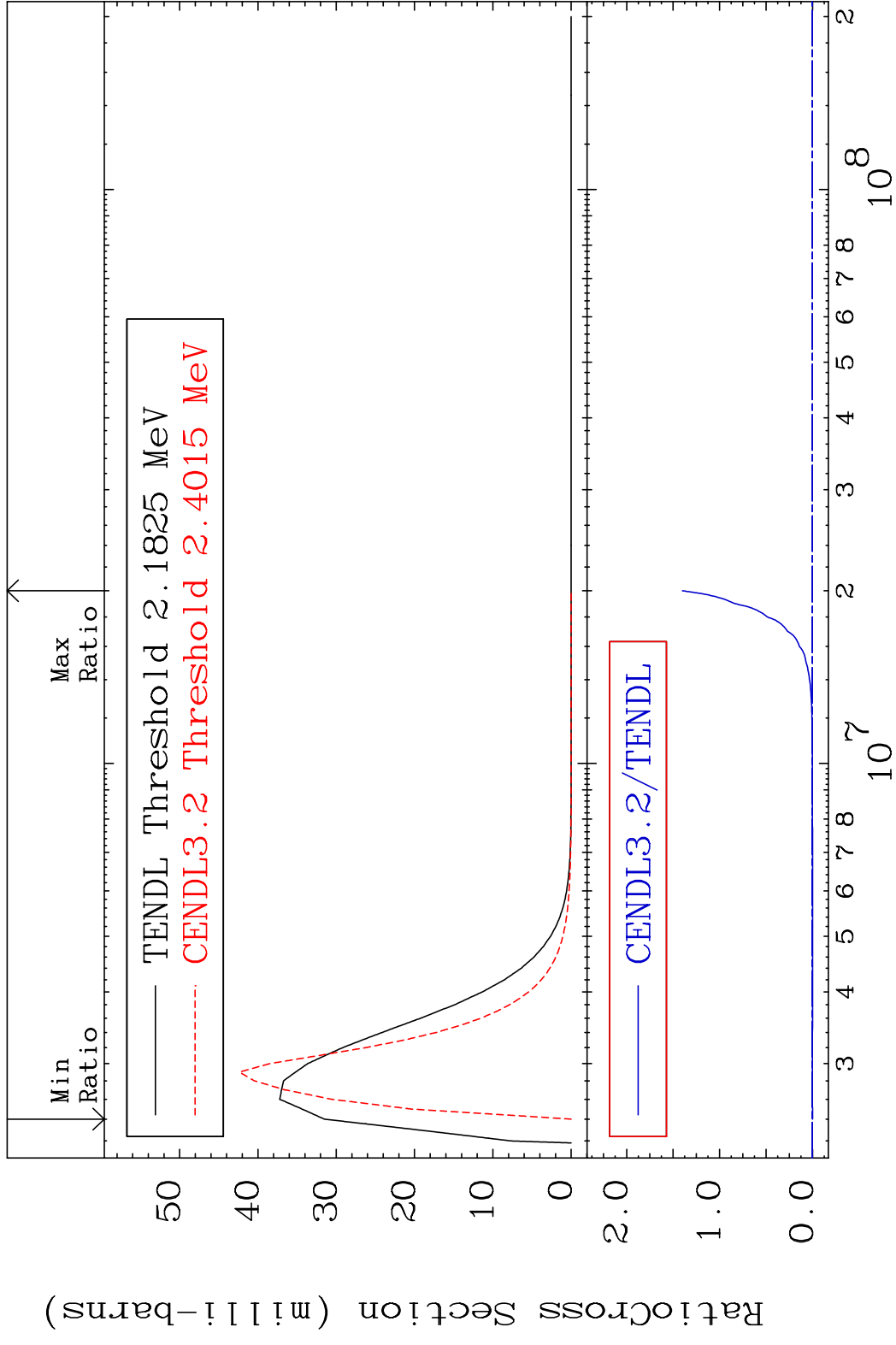
MAT 5425 MT= 65 (n, n') Level 54-Xe-124
 Cross Section -100.0 To -36.56%



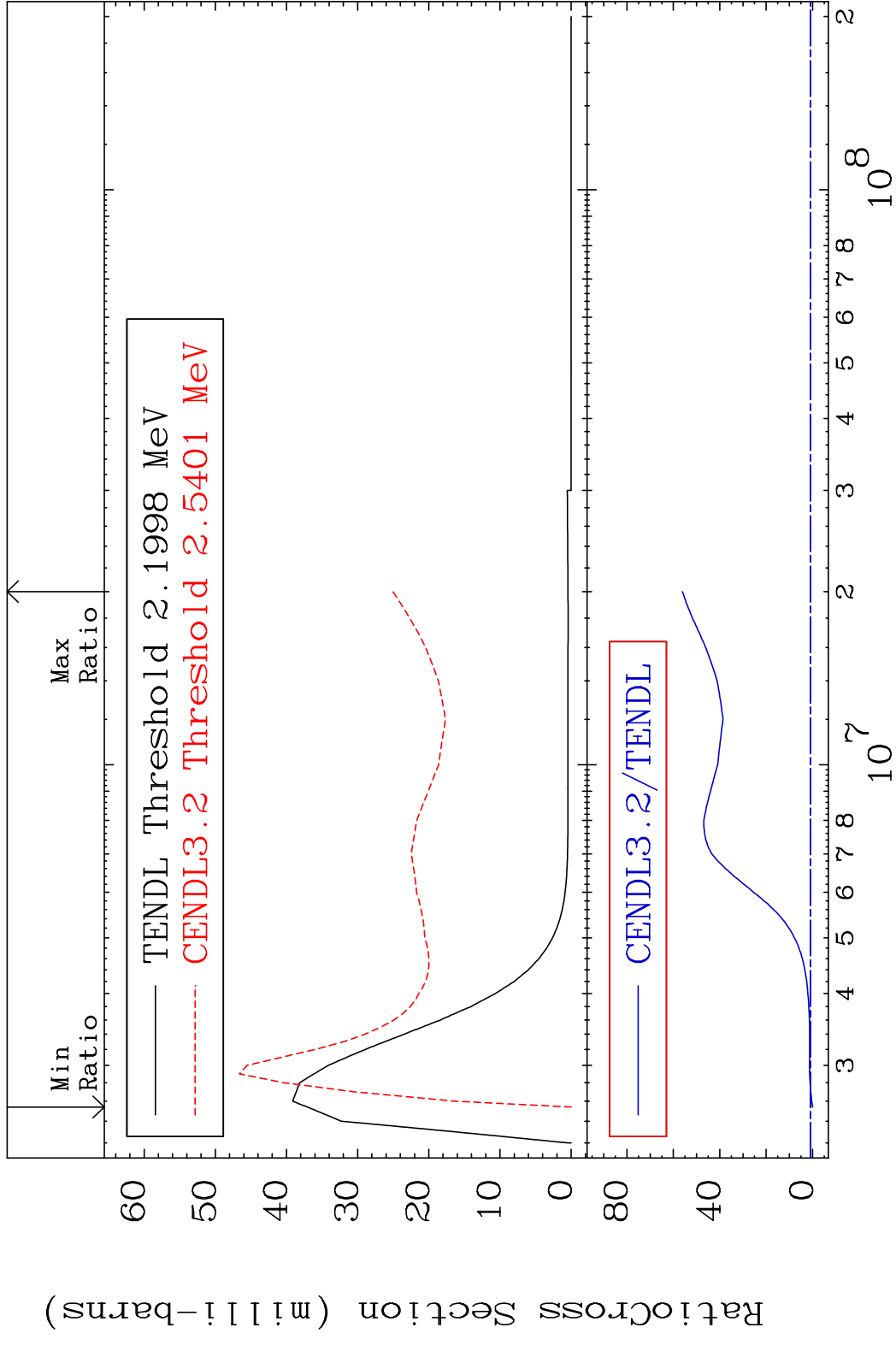
MAT 5425 MT= 66 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 852.2 %



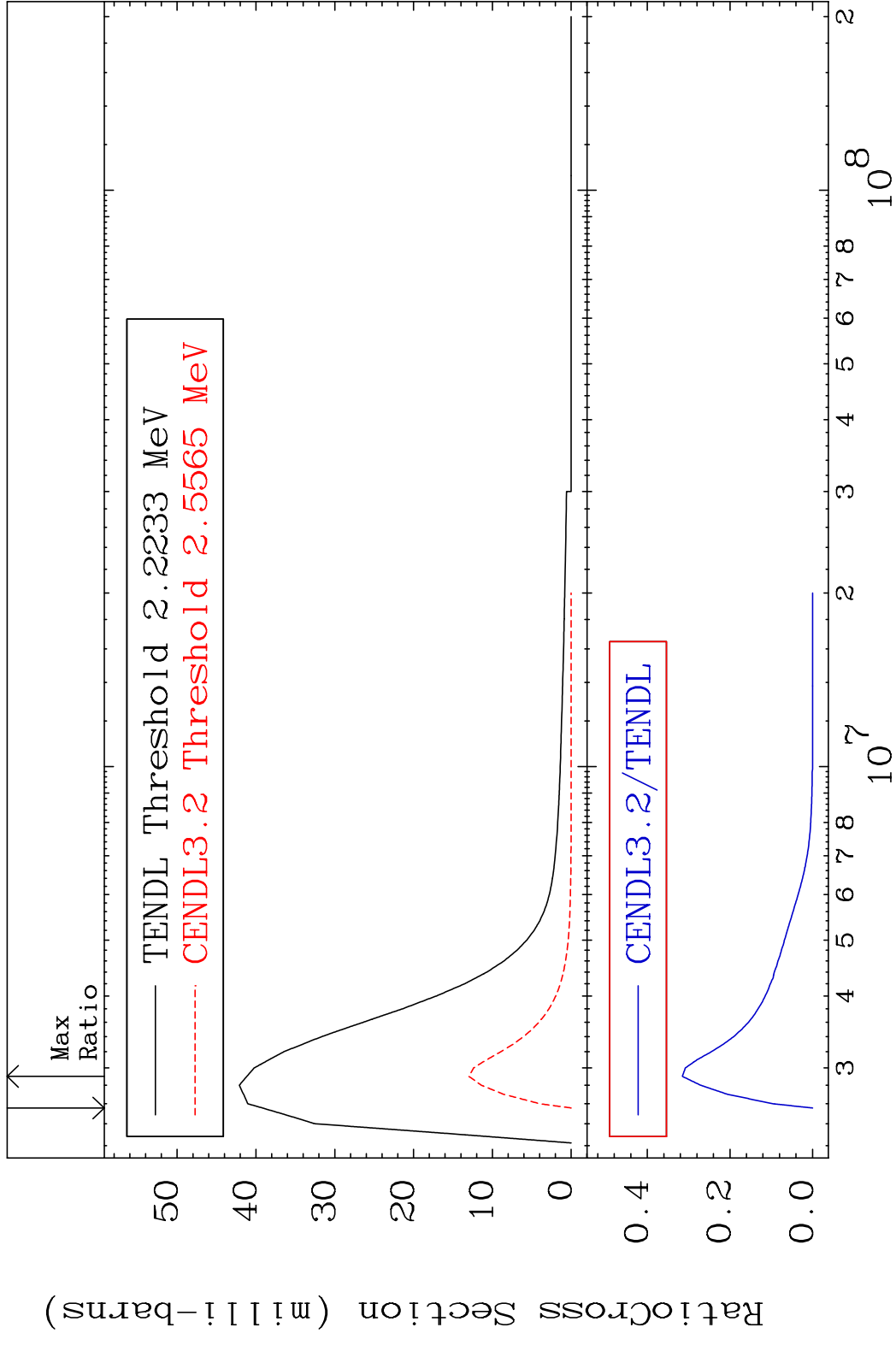
MAT 5425 MT= 67 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 9999. %



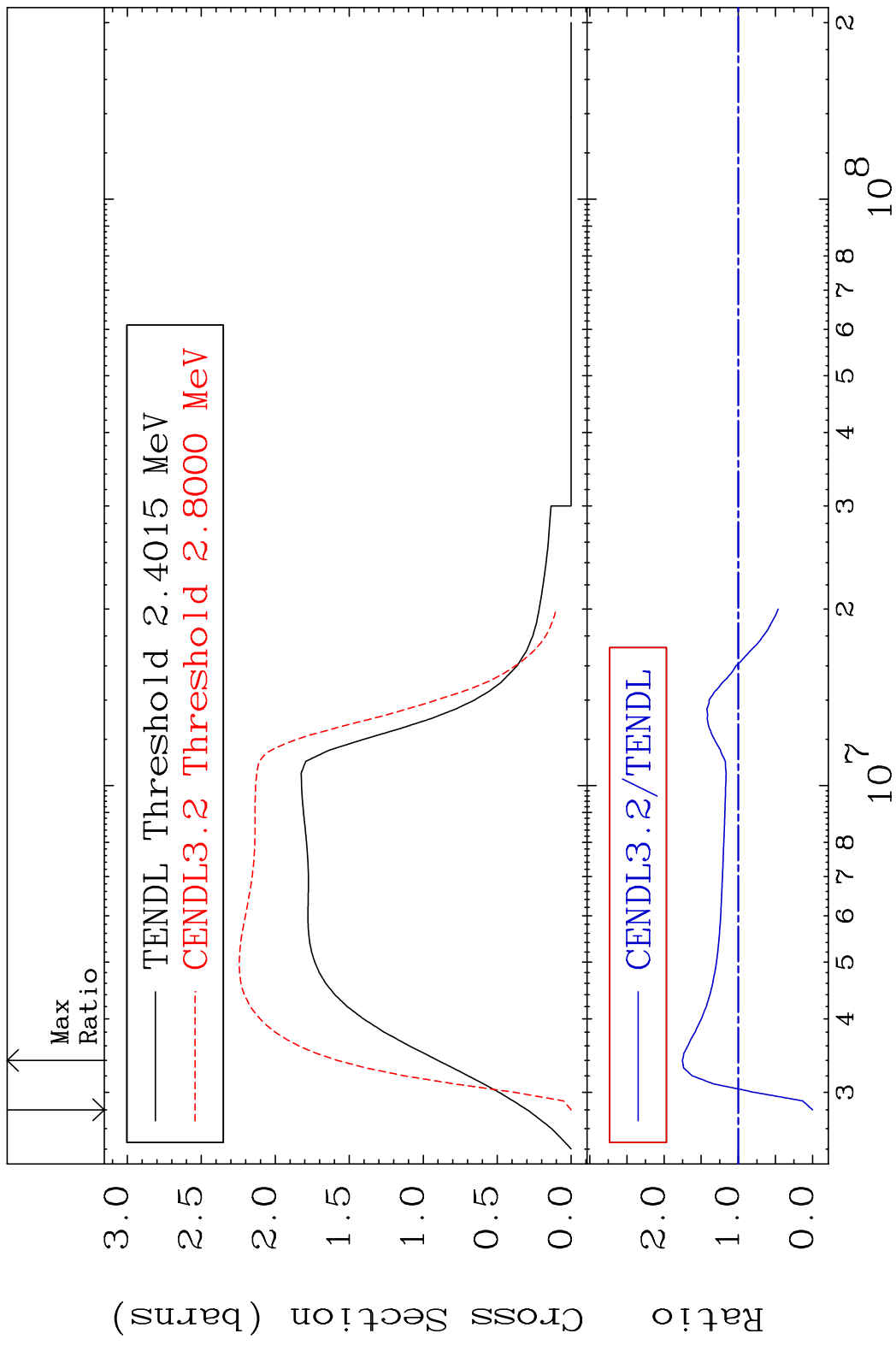
MAT 5425 MT= 68 (n, n') Level 54-Xe-124
 Cross Section -100.0 To 5513. %



MAT 5425 MT= 69 (n, n') Level 54-Xe-124
 Cross Section -100.0 To -68.48%

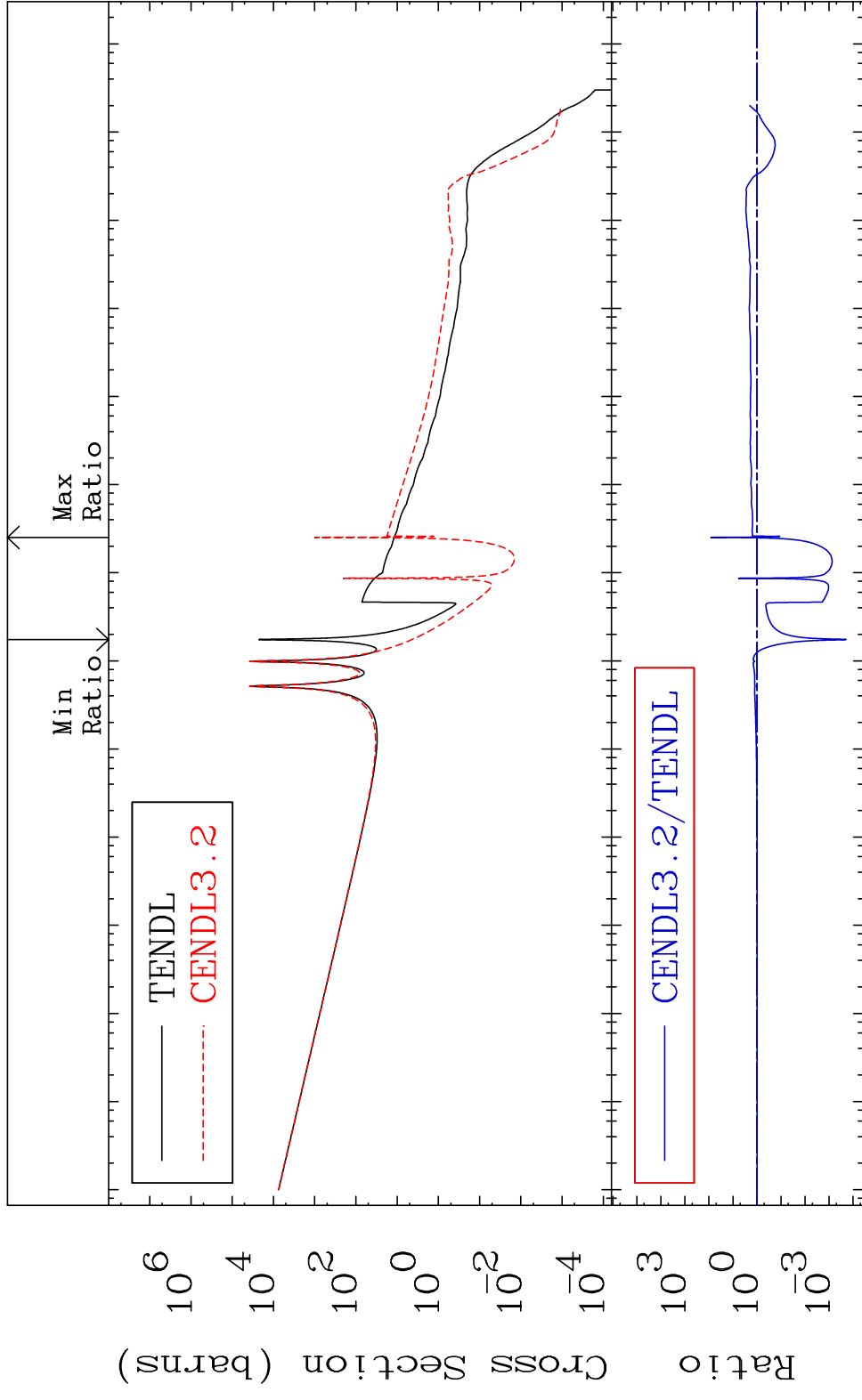


MAT 5425 (n,n') Continuum 54-Xe-124
 Cross Section -100.0 To 75.37 %



MAT 5425

(n, γ)
Cross Section -99.98 To 8354. %
54-Xe-124

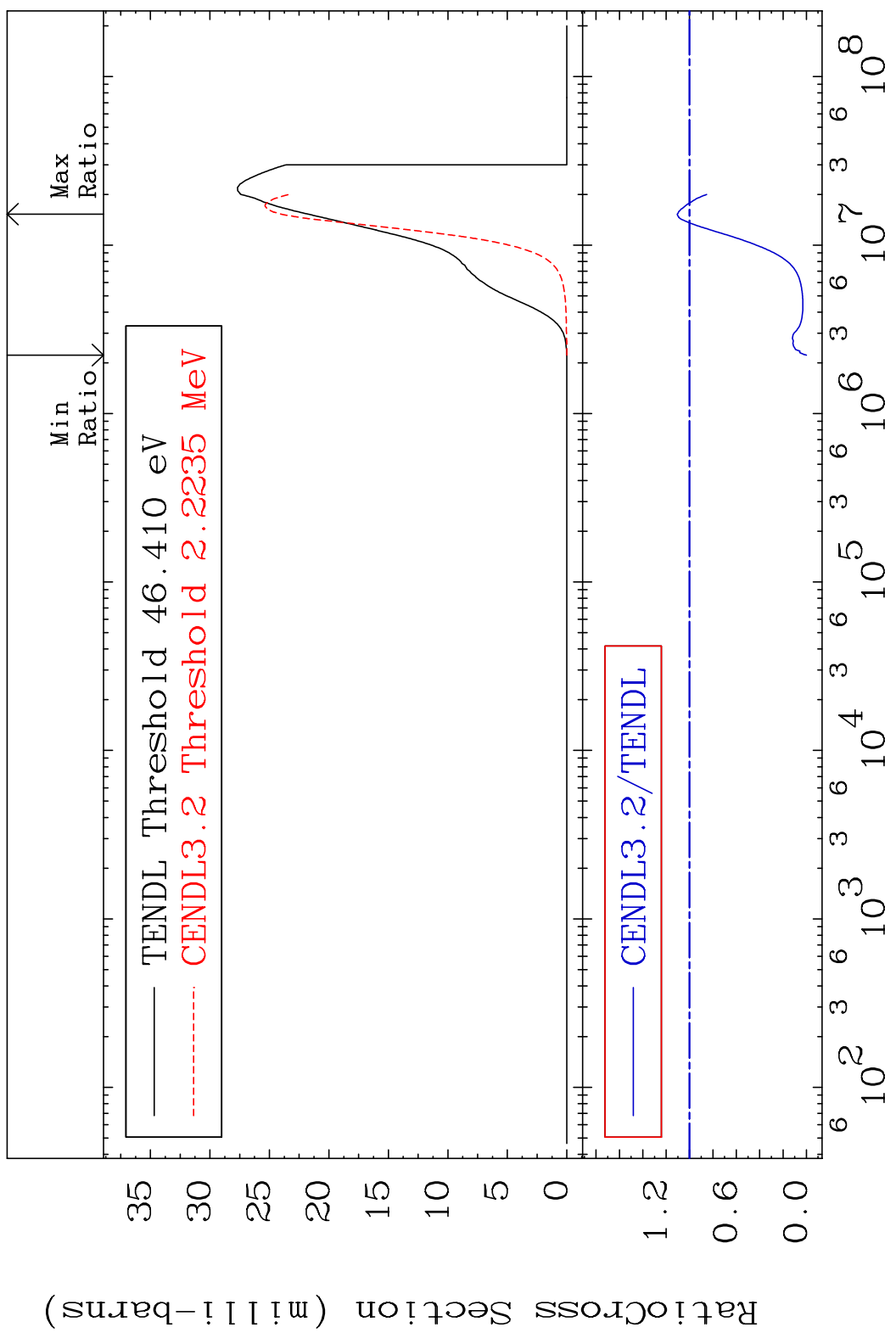


MAT 5425

(n,p)

54-Xe-124

Cross Section -100.0 To 10.57 %

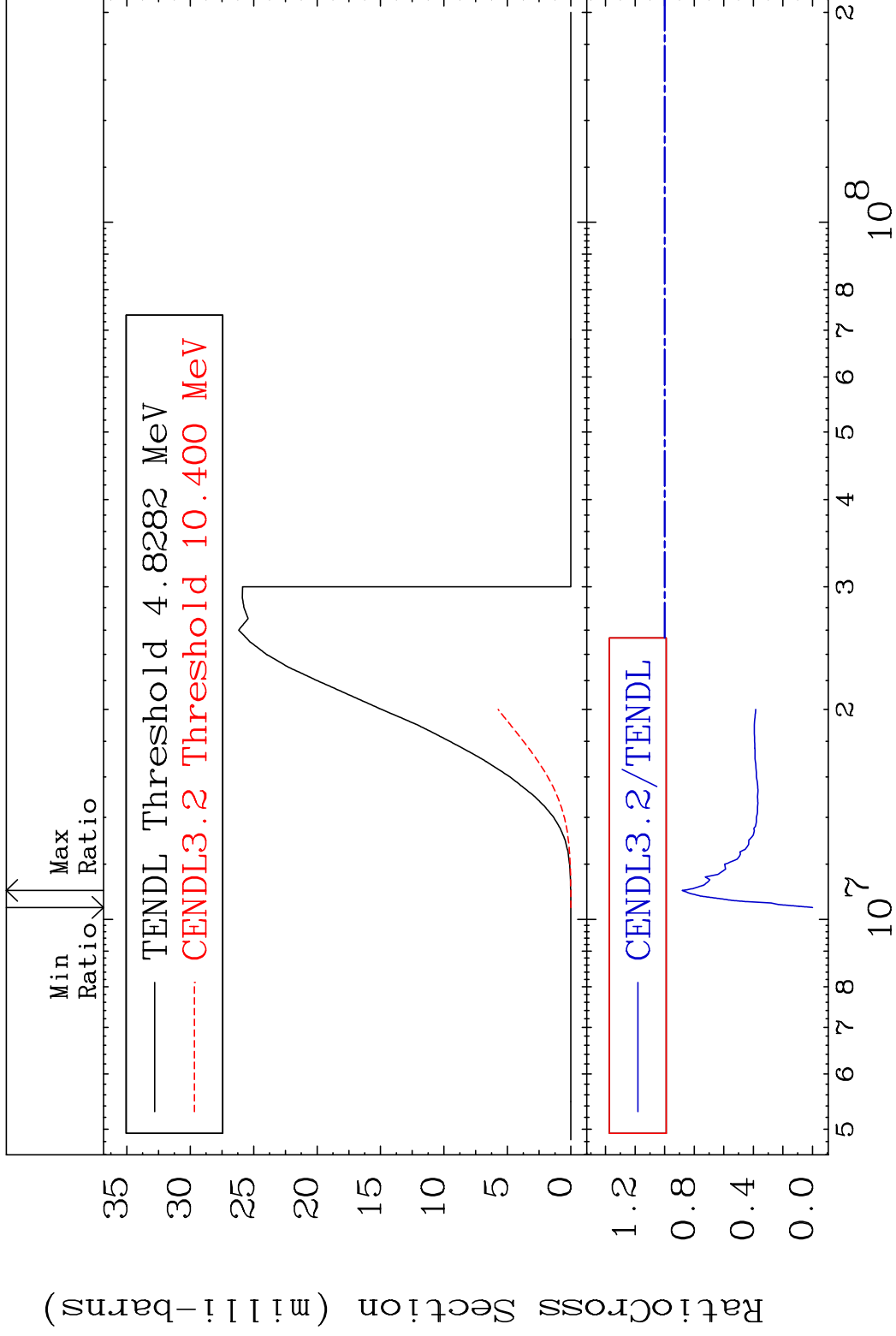


MAT 5425

(n,d)

54-Xe-124

Cross Section -100.0 To -11.82%



30

Incident Energy (eV)

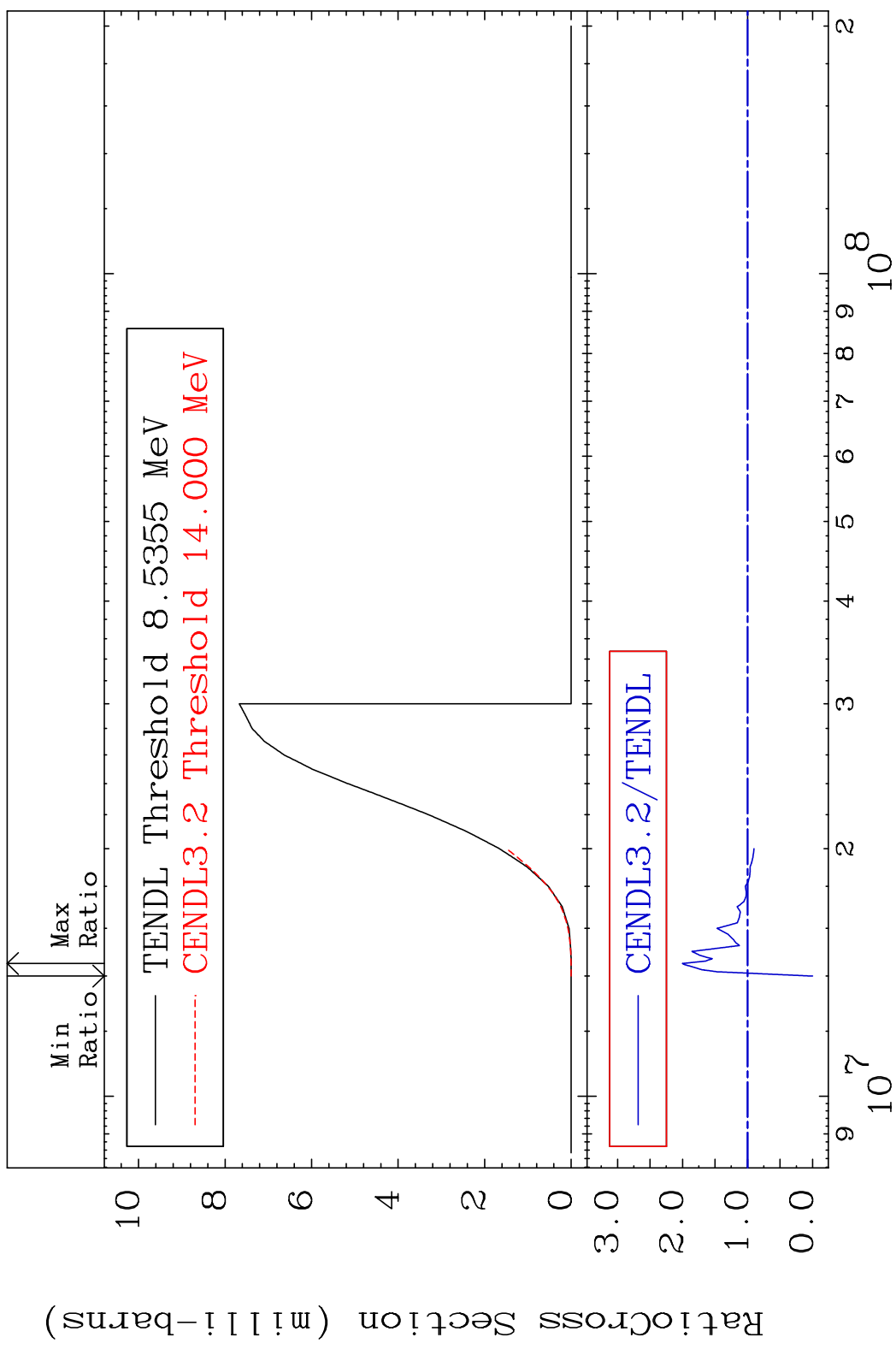
54-Xe-124

MAT 5425

(n, t)

54-Xe-124

Cross Section -100.0 To 100.3 %

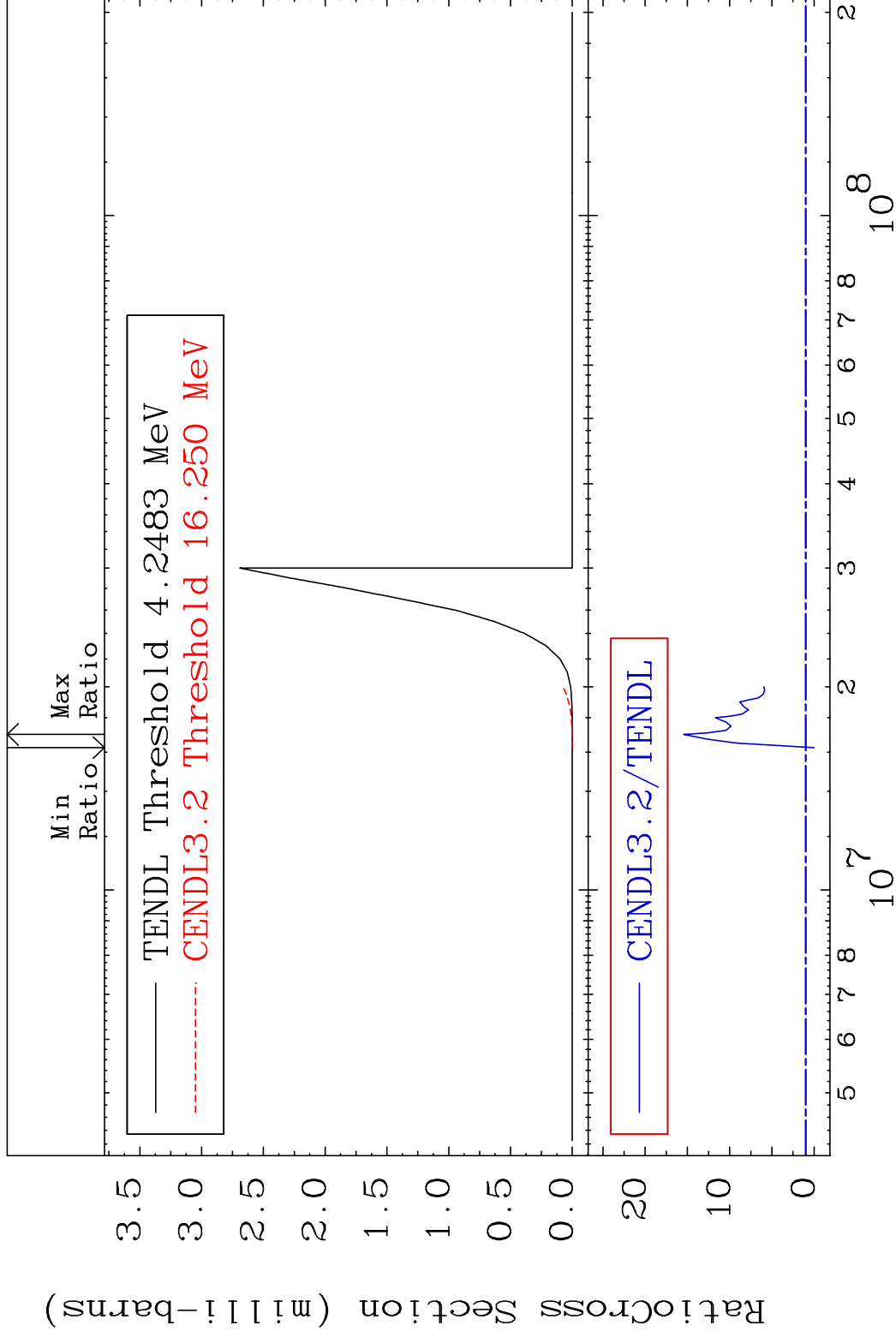


MAT 5425

(n, He-3)

54-Xe-124

Cross Section -100.0 To 1444. %



32

Incident Energy (eV)

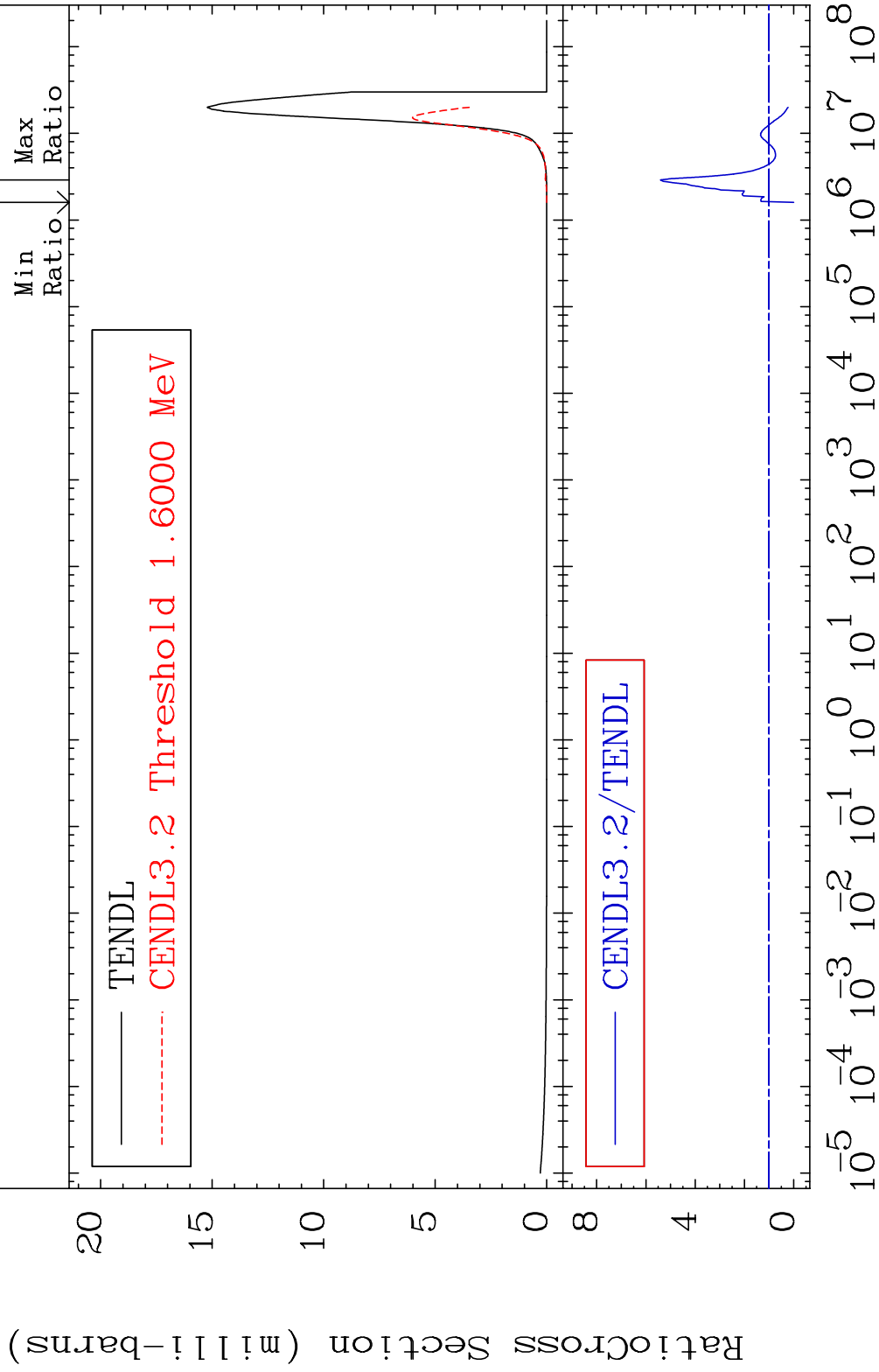
54-Xe-124

MAT 5425

(n, α)

54-Xe-124

Cross Section -100.0 To 441.0 %

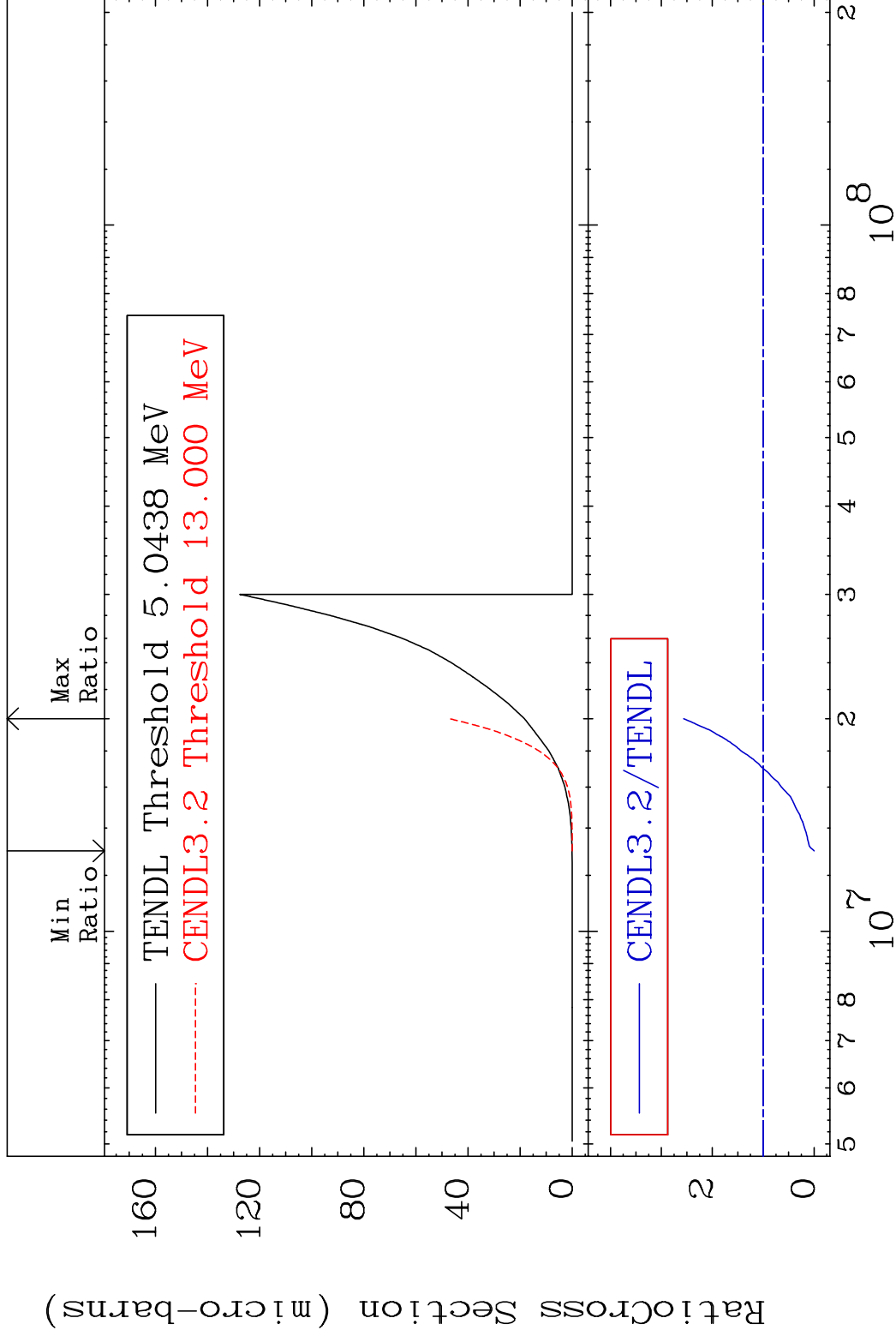


MAT 5425

(n,2p)

54-Xe-124

Cross Section -100.0 To 156.3 %



34

Incident Energy (eV)

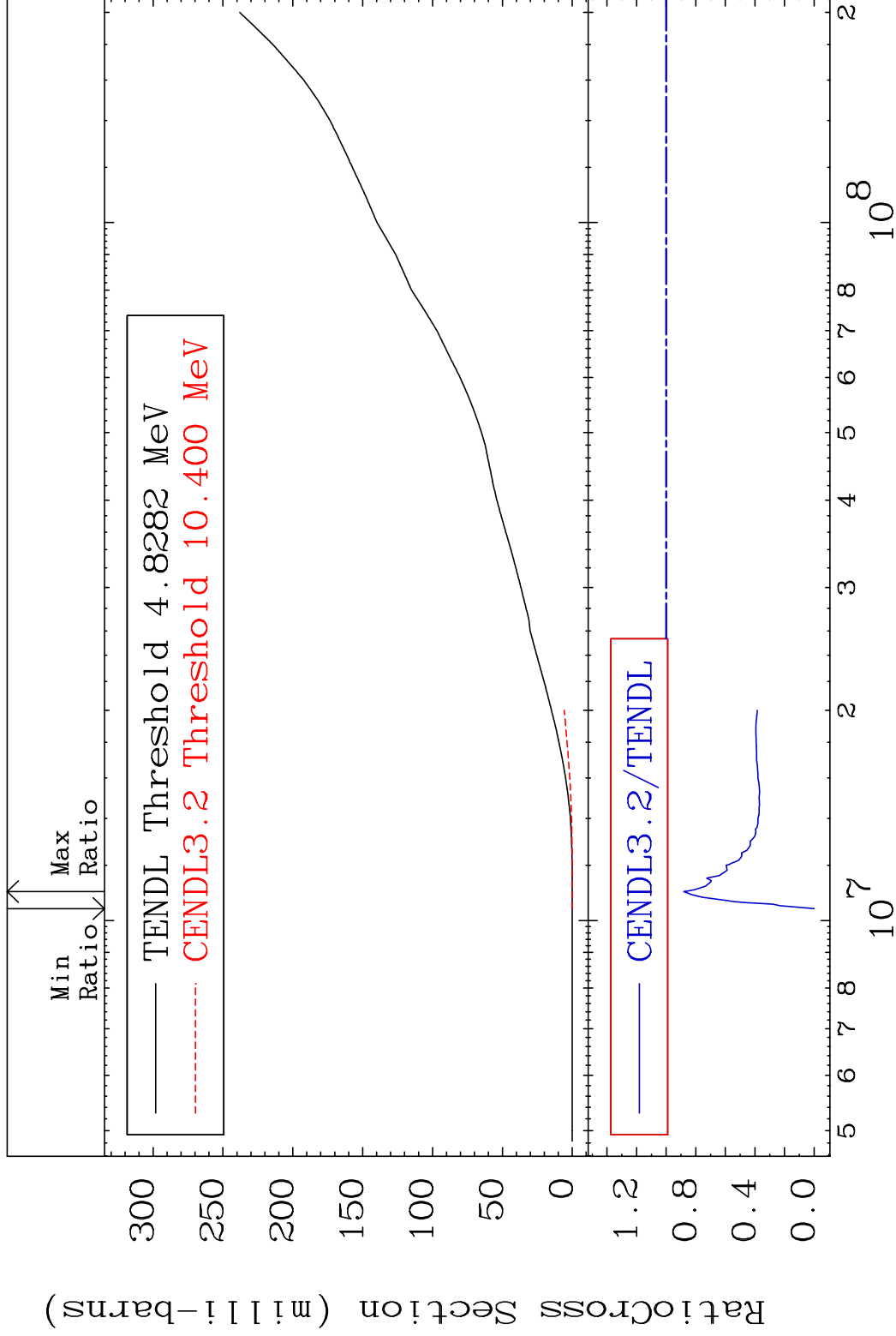
54-Xe-124

MAT 5425

Deuterium Production

54-Xe-124

Cross Section -100.0 To -11.82%



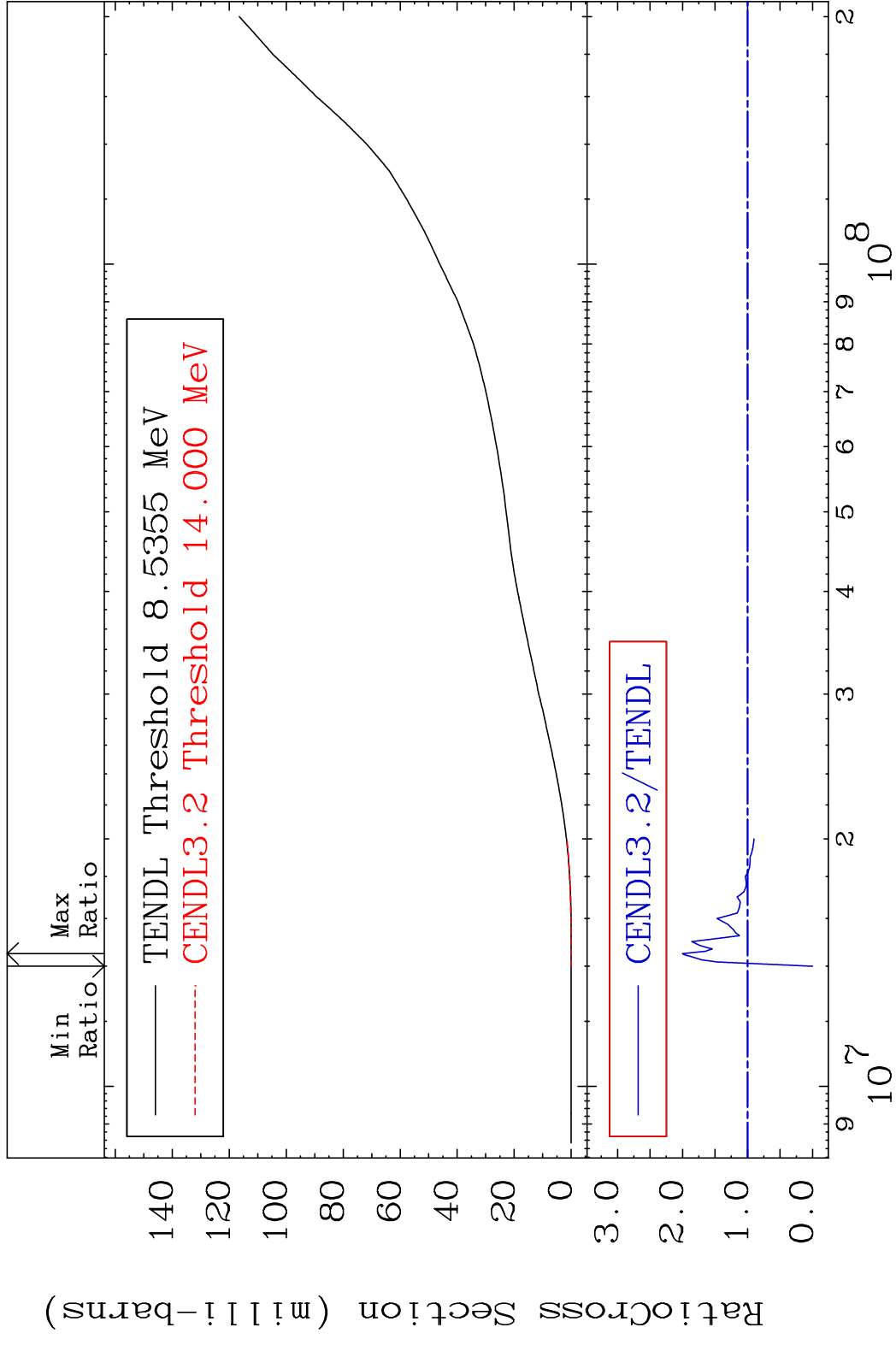
36

Incident Energy (eV)

54-Xe-124

MAT 5425

Tritium Production 54-Xe-124
Cross Section -100.0 To 100.3 %

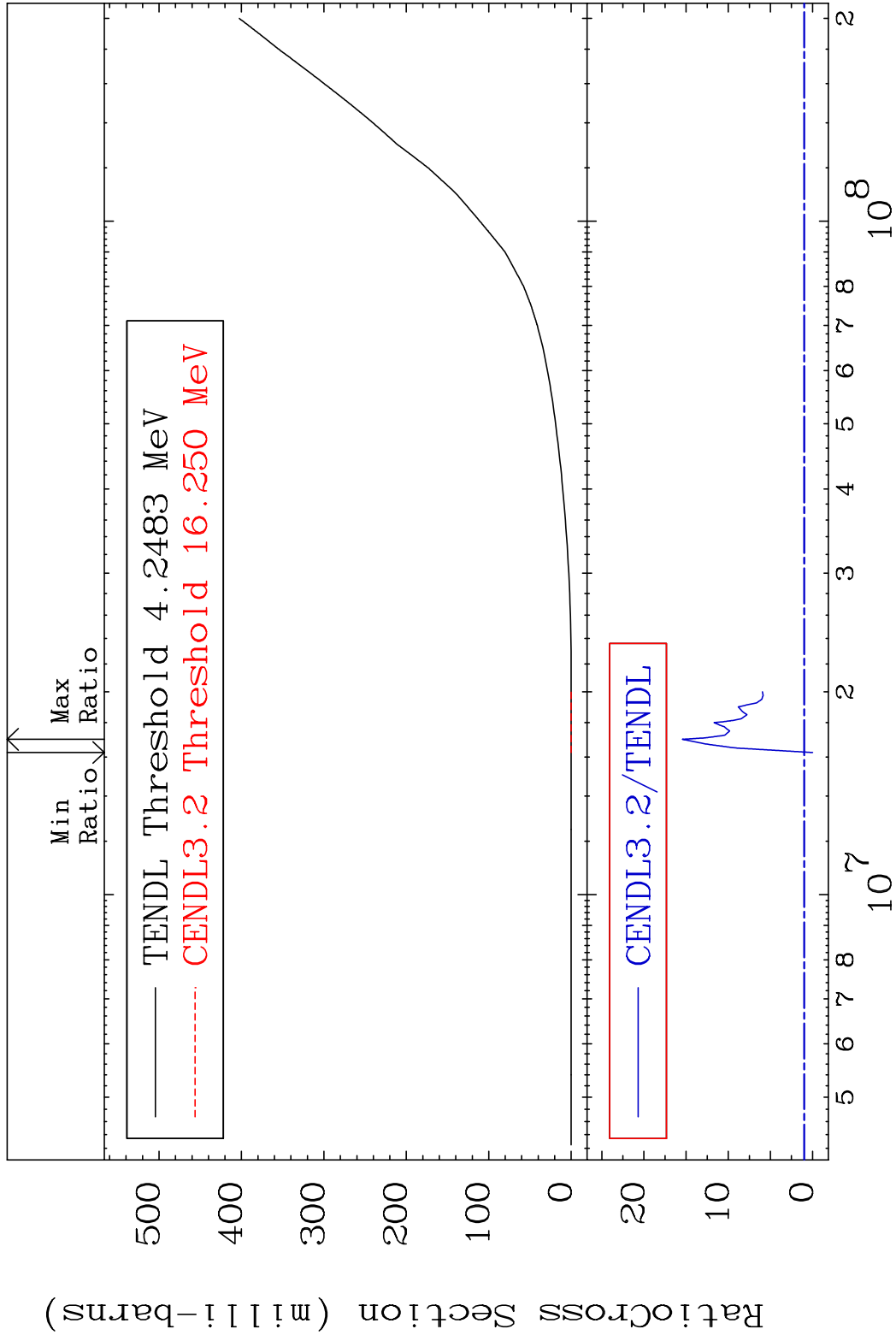


MAT 5425

He-3 Production

54-Xe-124

Cross Section -100.0 To 1444. %



38

Incident Energy (eV)

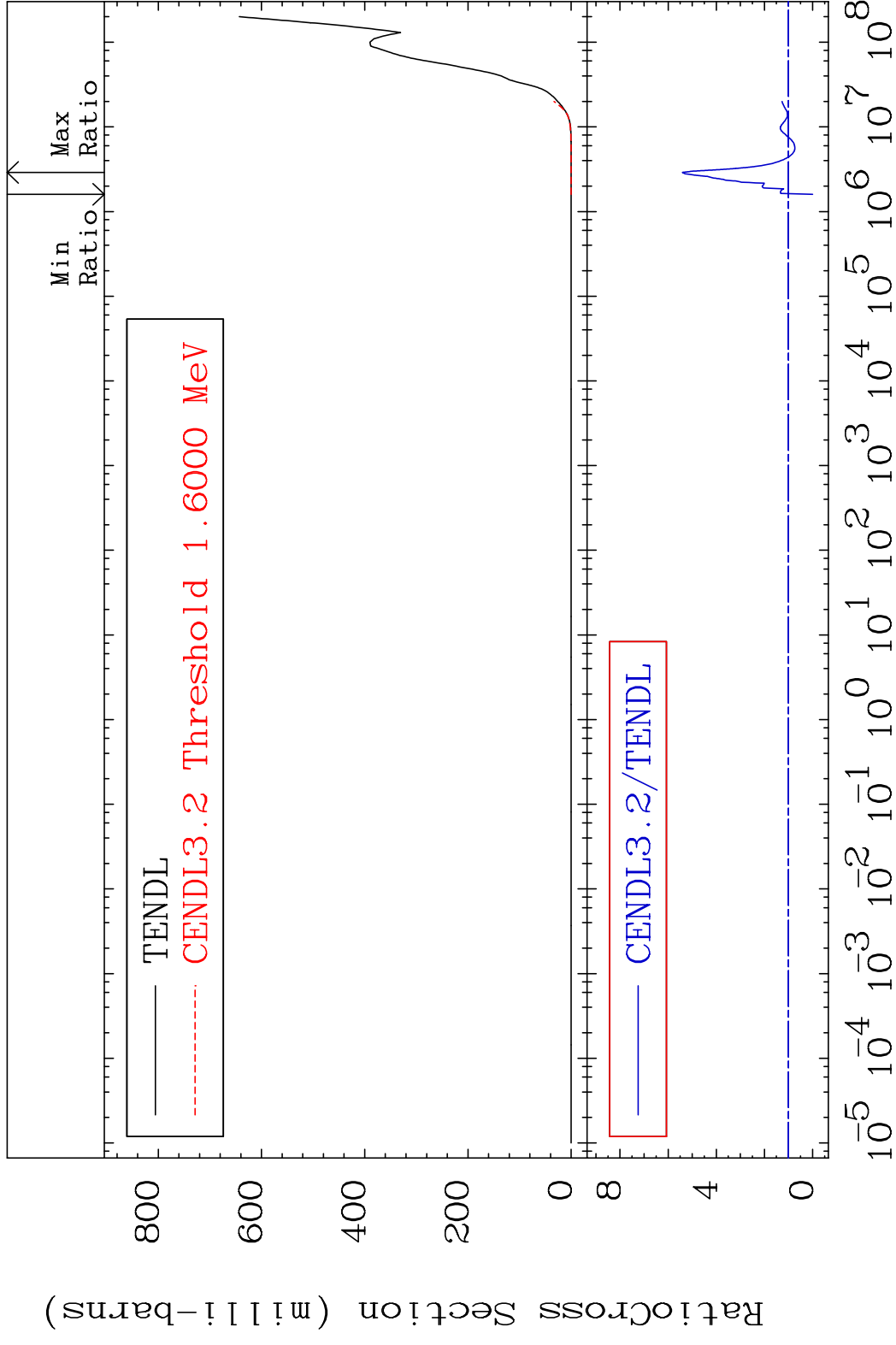
54-Xe-124

MAT 5425

He-4 Production

54-Xe-124

Cross Section -100.0 To 441.0 %

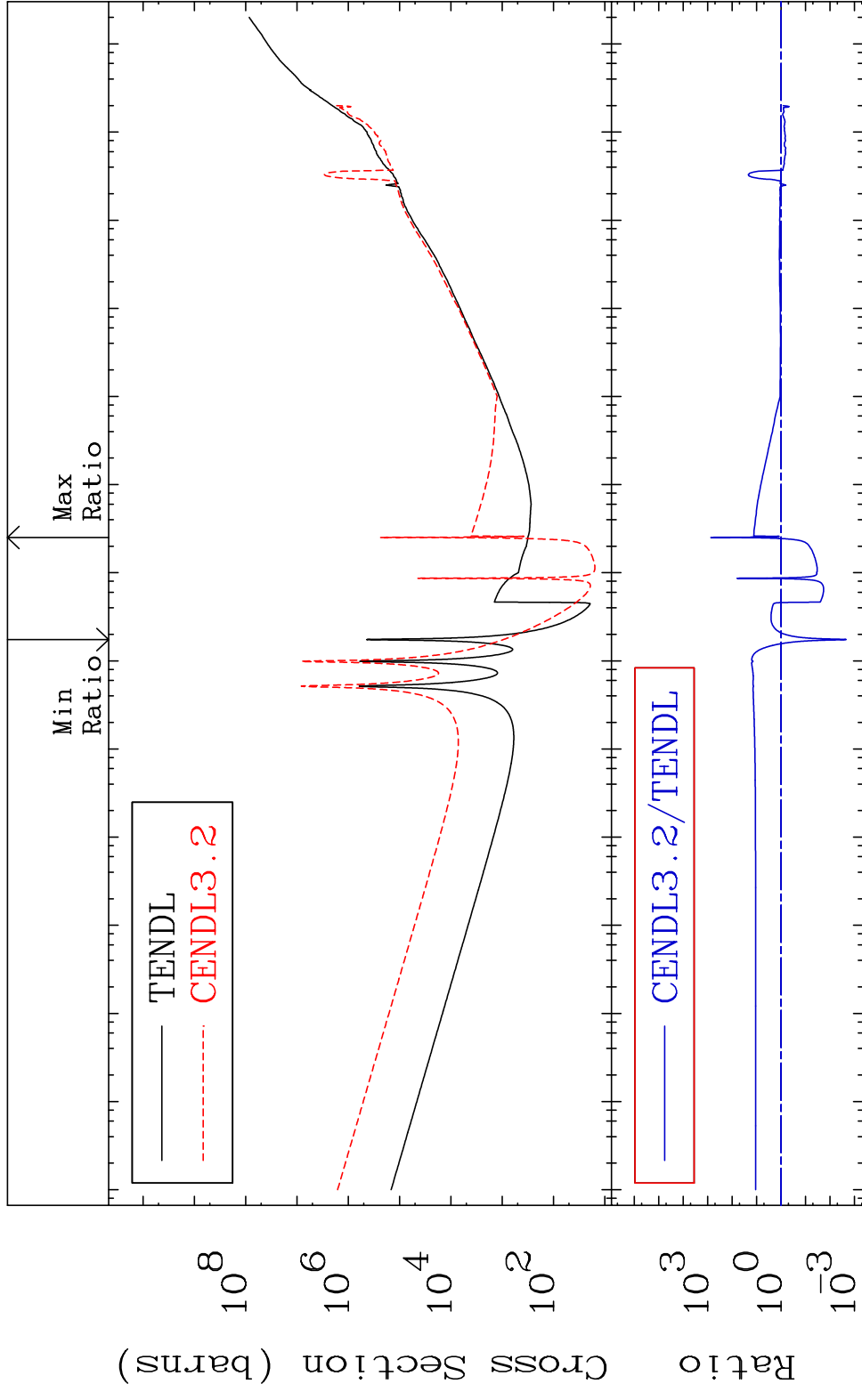


39

Incident Energy (eV)

54-Xe-124

MAT 5425 Kerma total (eV-barns) 54-Xe-124
 Cross Section -99.78 To 9999. %

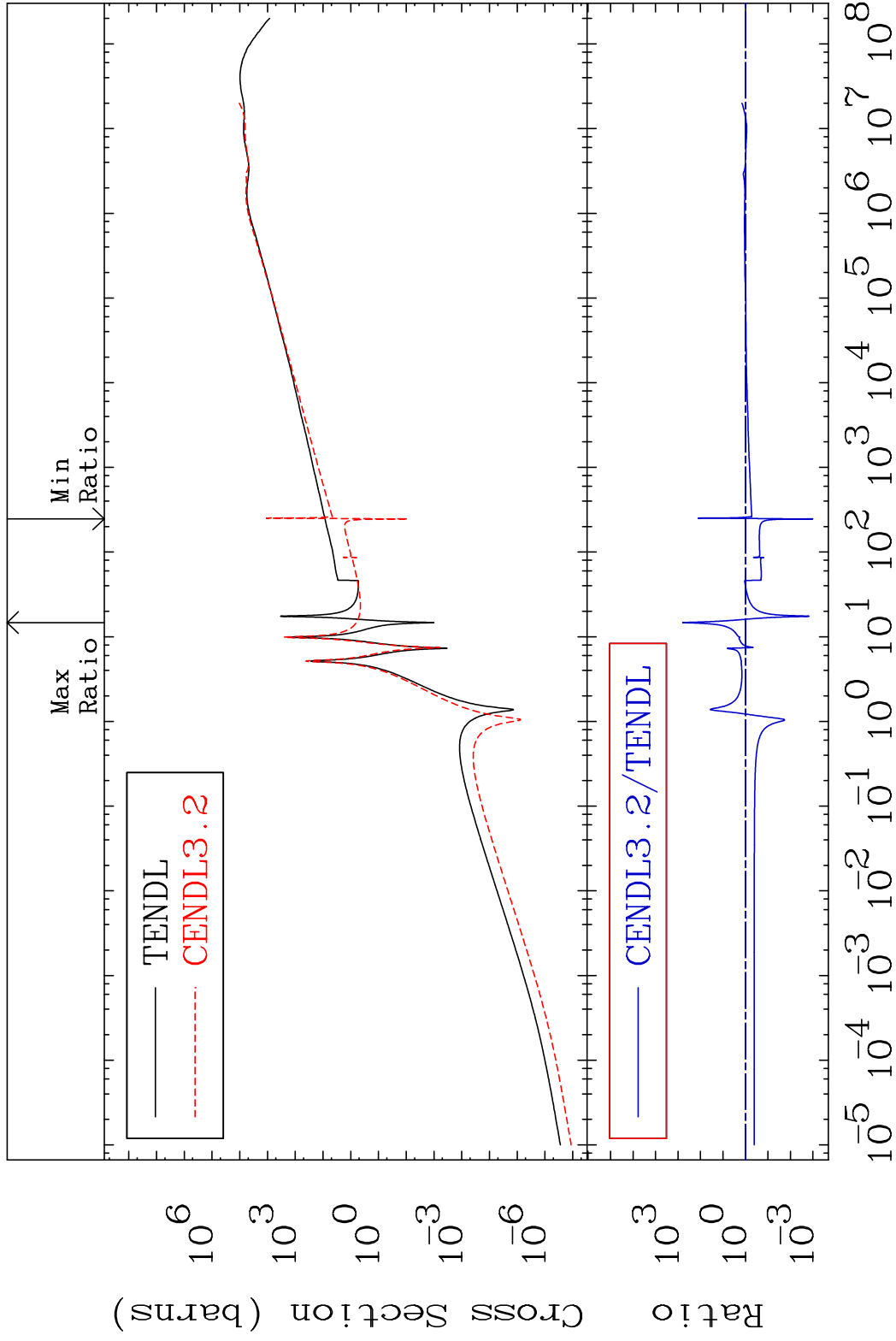


40 Incident Energy (eV) 54-Xe-124

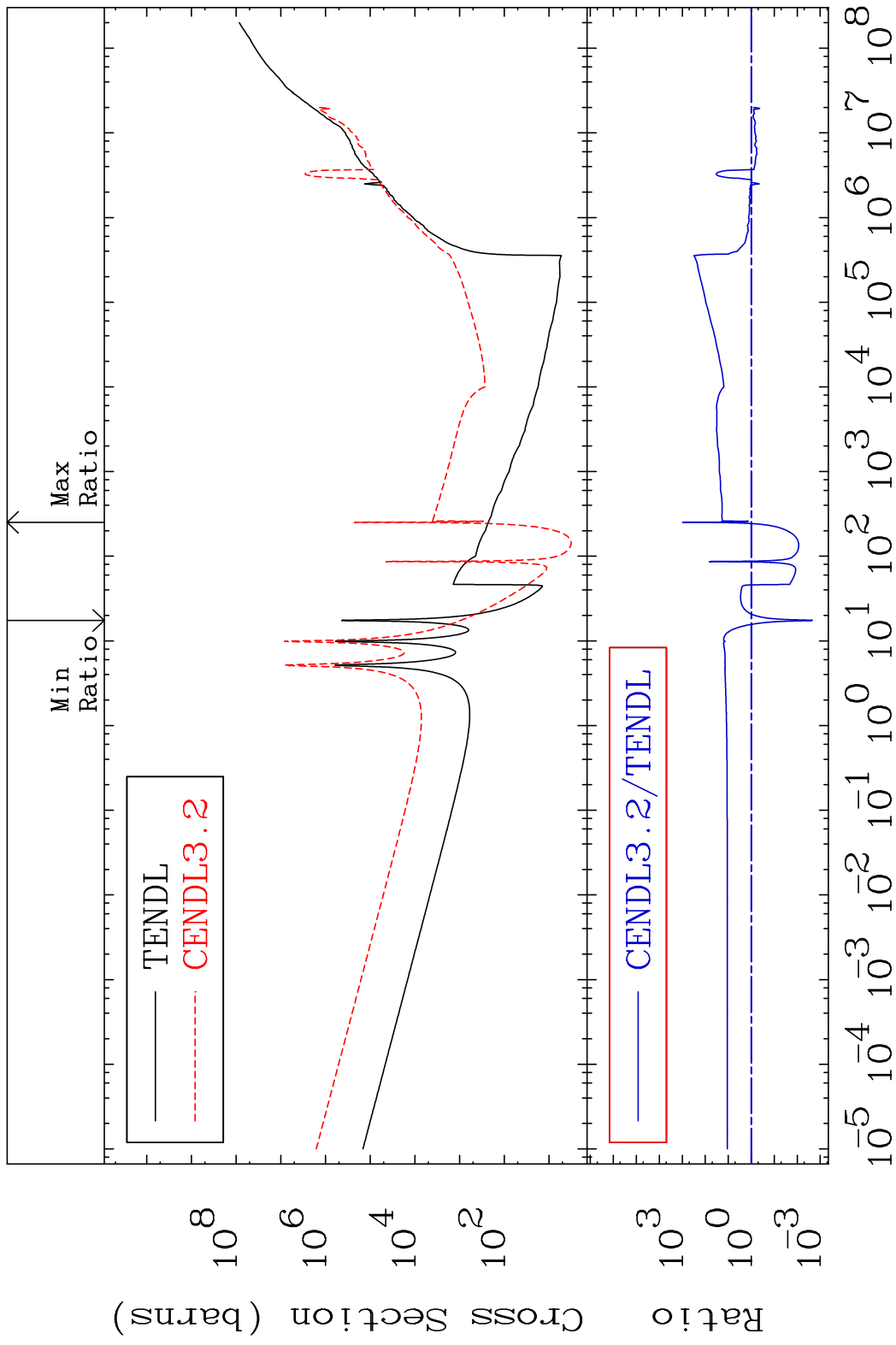
MAT 5425

Kerma elastic
Cross Section

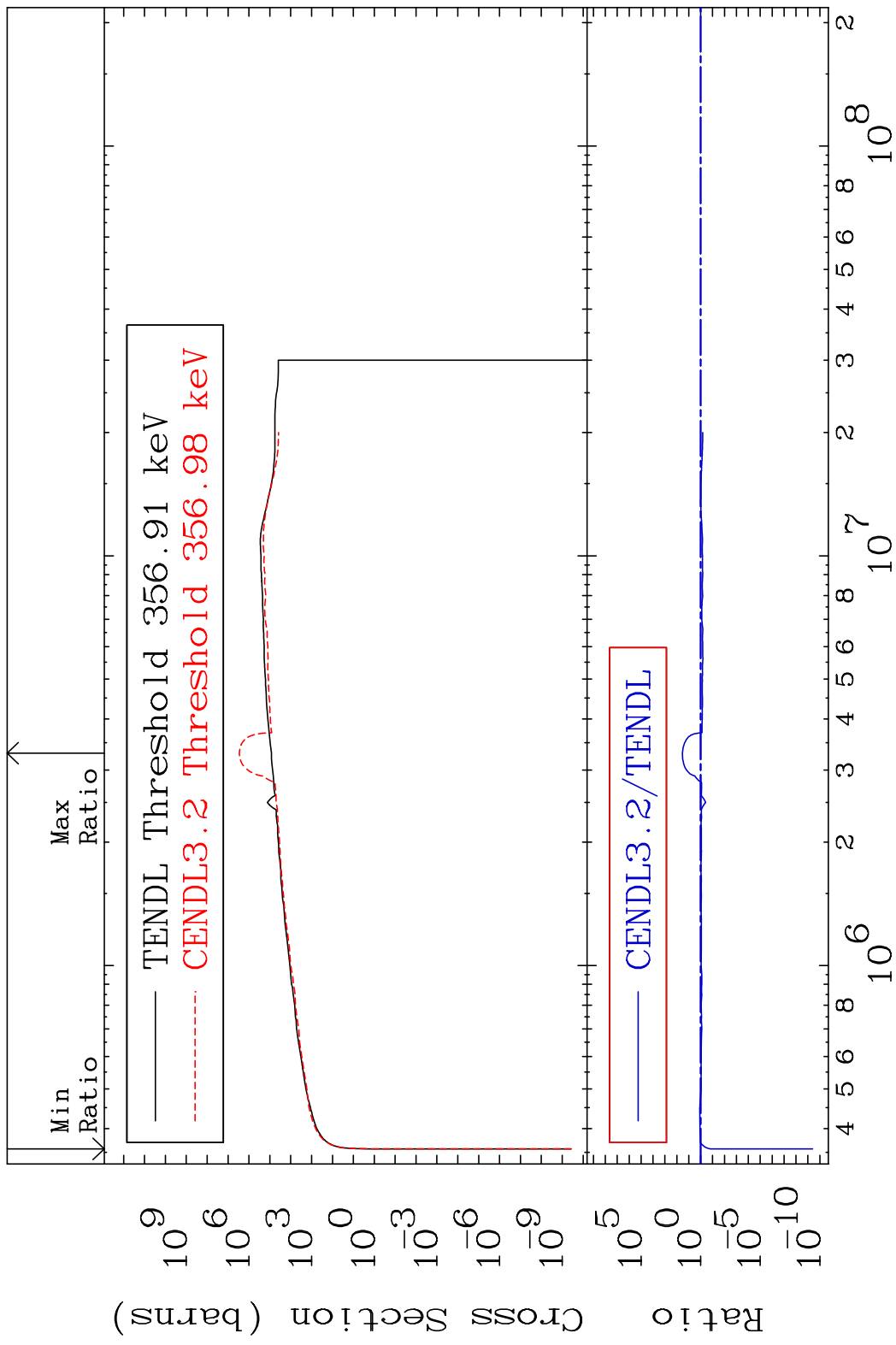
54-Xe-124
-99.90 To 9999. %



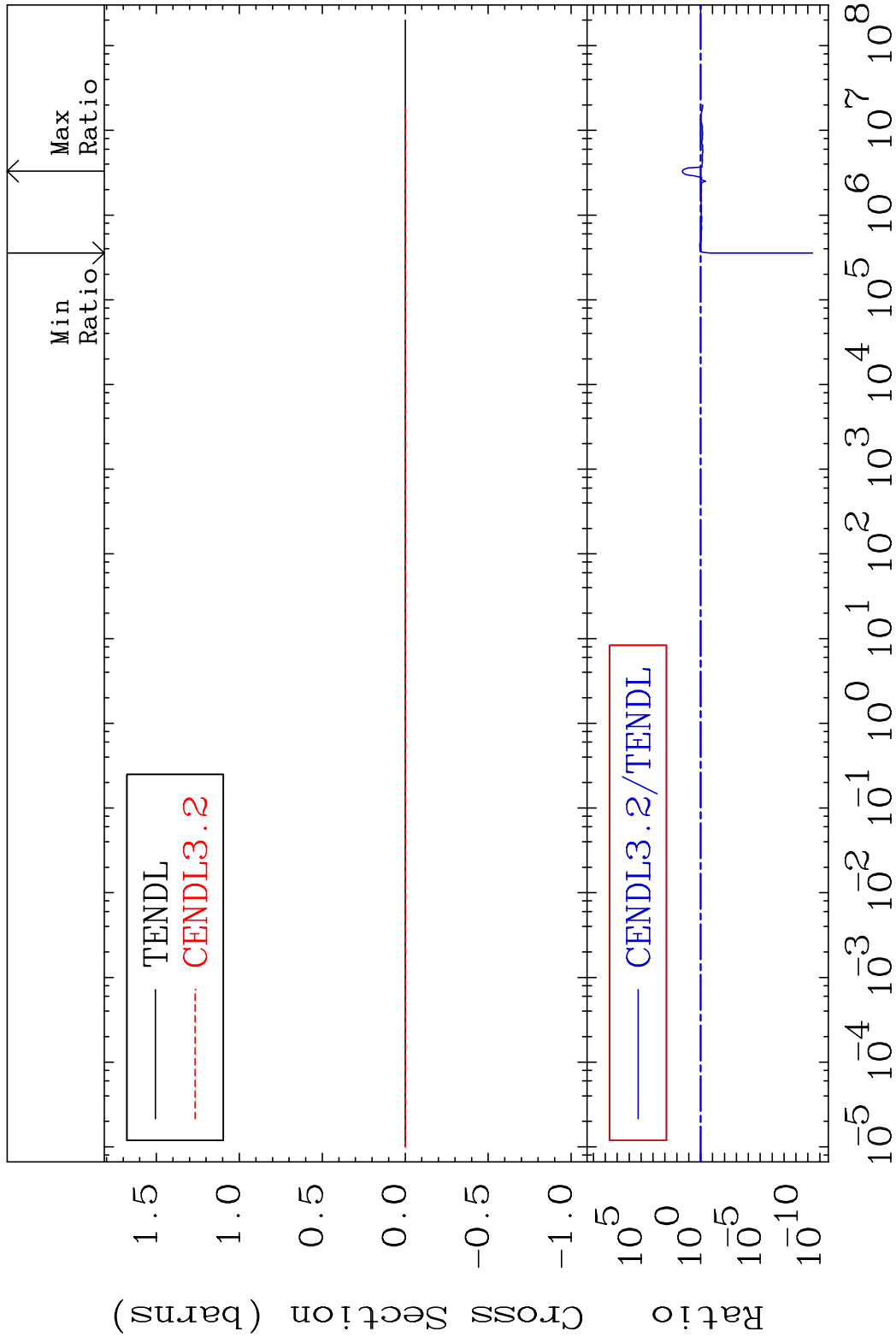
MAT 5425 Kerma non-elastic (all but mt2) 54-Xe-124
 Cross Section -99.78 To 9999. %



MAT 5425 Kerma inelastic (mt51-91) 54-Xe-124
 Cross Section -100.0 To 3336. %

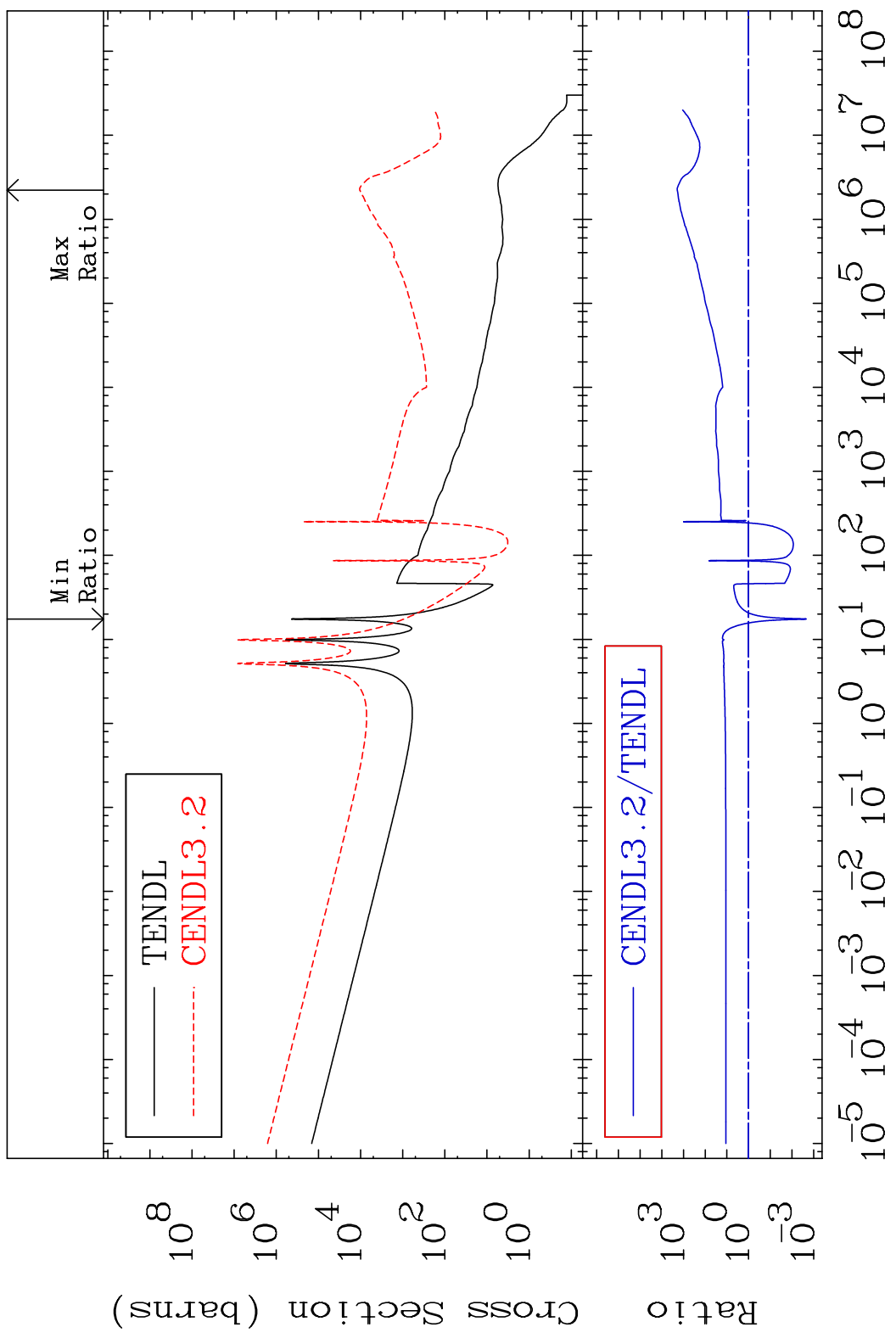


MAT 5425 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-124
 Cross Section -100.0 To 3336. %



MAT 5425

Kerma capture (mt102) 54-Xe-124
Cross Section -99.78 To 9999. %

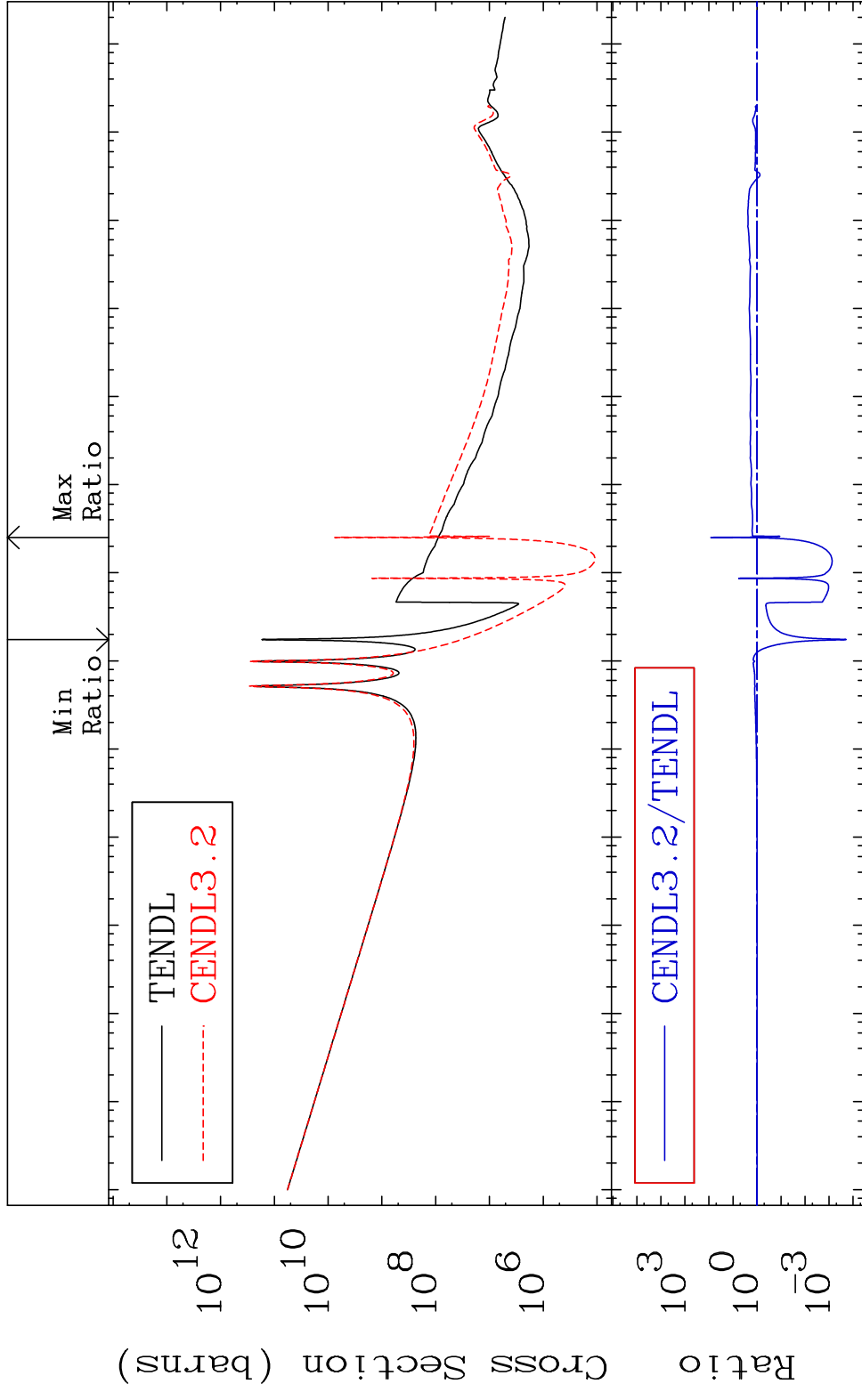


45

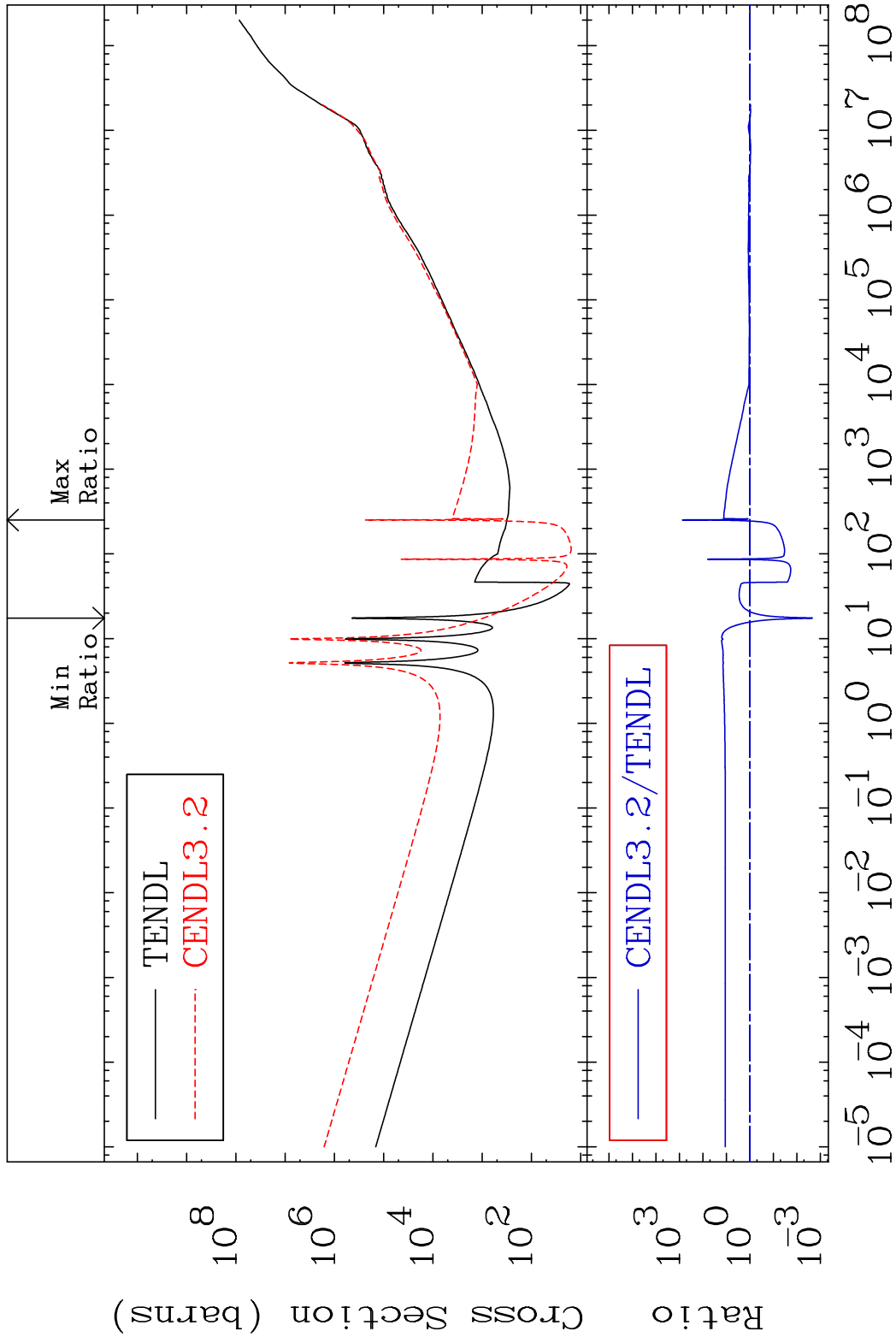
Incident Energy (eV)

54-Xe-124

MAT 5425 Total photon (eV-barns) 54-Xe-124
 Cross Section -99.98 To 8353. %



MAT 5425 Total kinematic kerma (high limit) 54-Xe-124
 Cross Section -99.78 To 9999. %

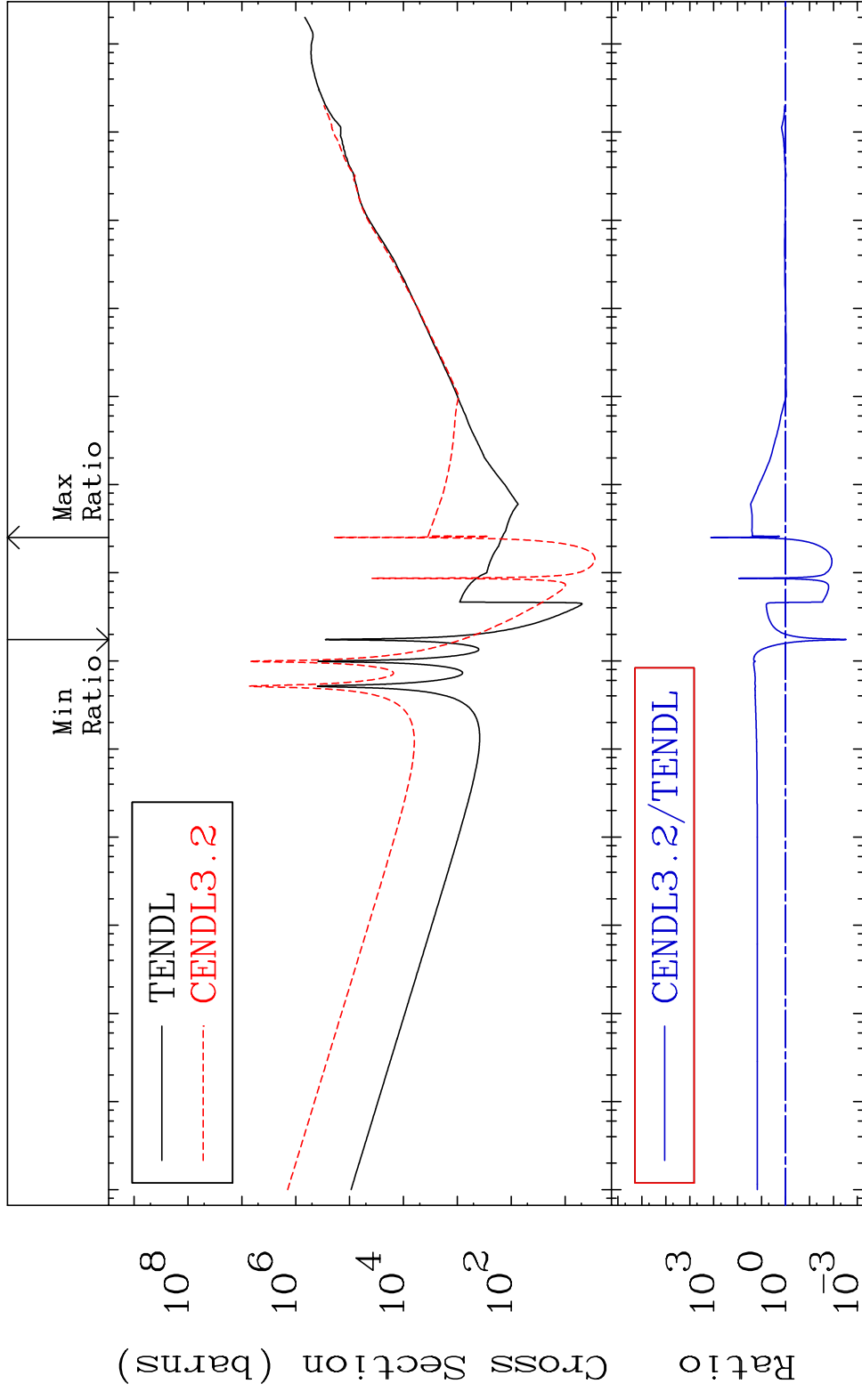


MAT 5425

Dpa total (eV-barns)

54-Xe-124

Cross Section -99.71 To 9999. %



48

Incident Energy (eV)

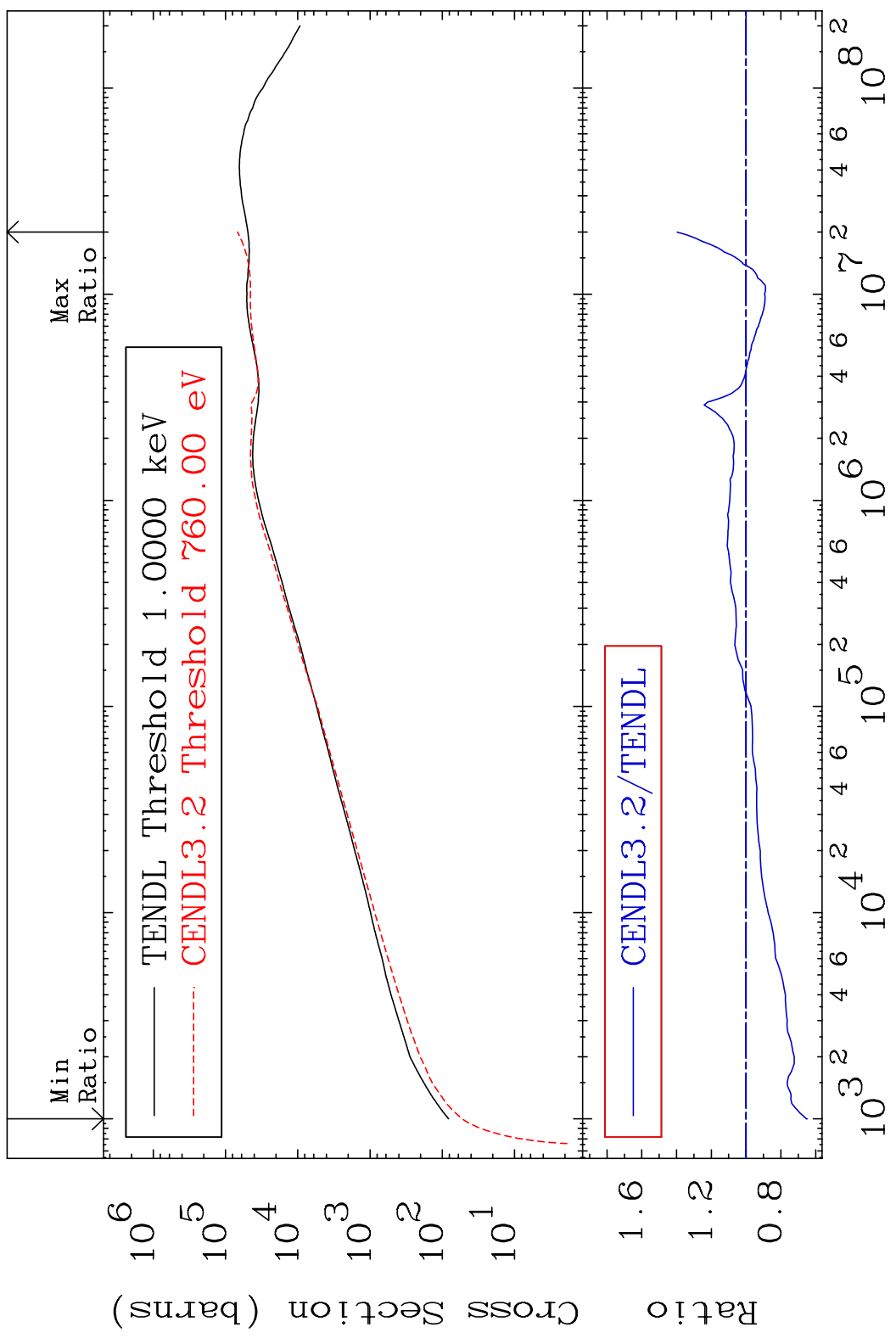
54-Xe-124

MAT 5425

Dpa elastic (mt2)

54-Xe-124

Cross Section -34.69 To 39.63 %

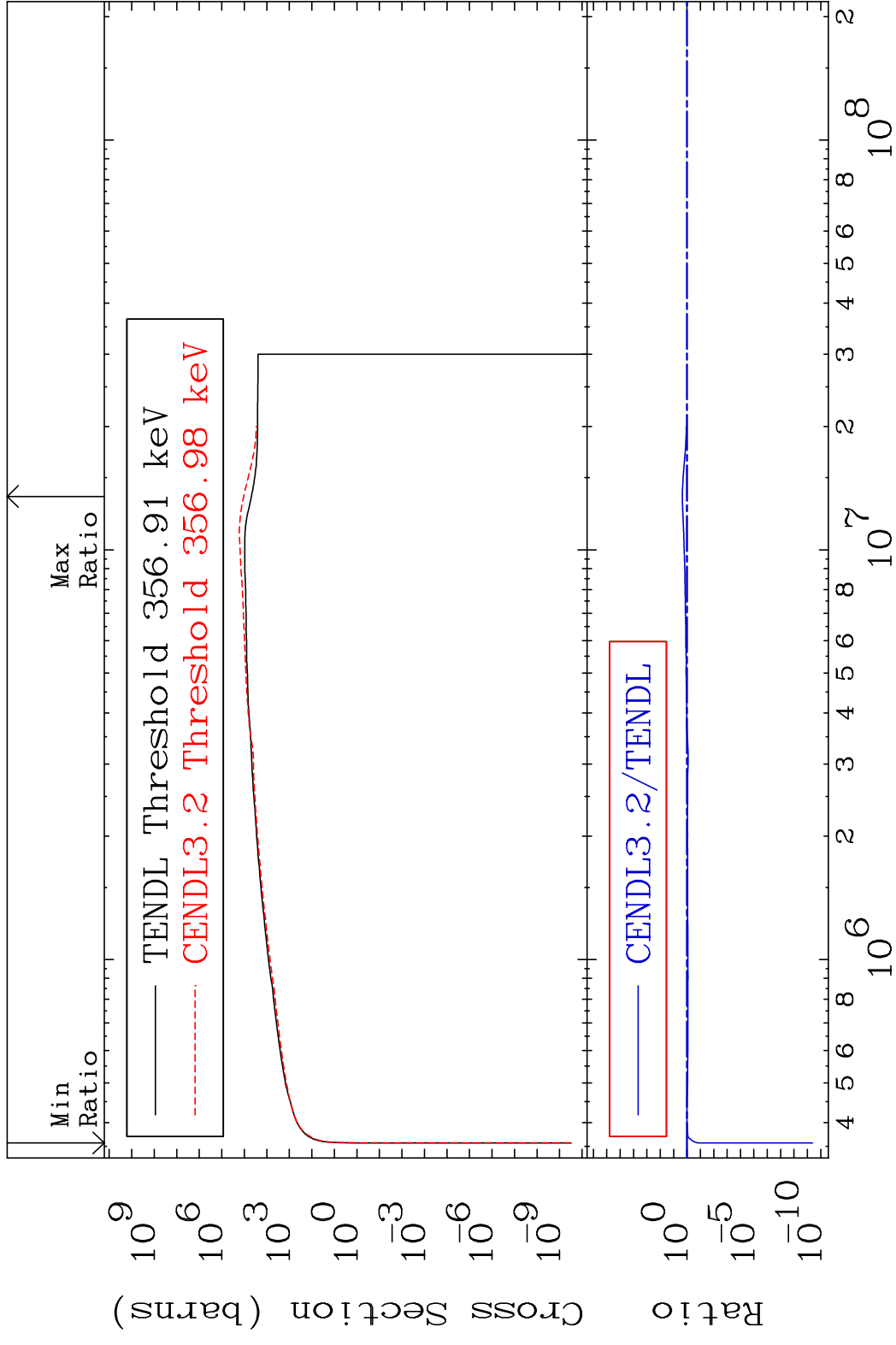


49

Incident Energy (eV)

54-Xe-124

MAT 5425 Dpa inelastic (mt51-91) 54-Xe-124
 Cross Section -100.0 To 122.8 %



MAT 5425 Dpa disappearance (mt102 -120) 54-Xe-124
 Cross Section -99.71 To 9999. %

