

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

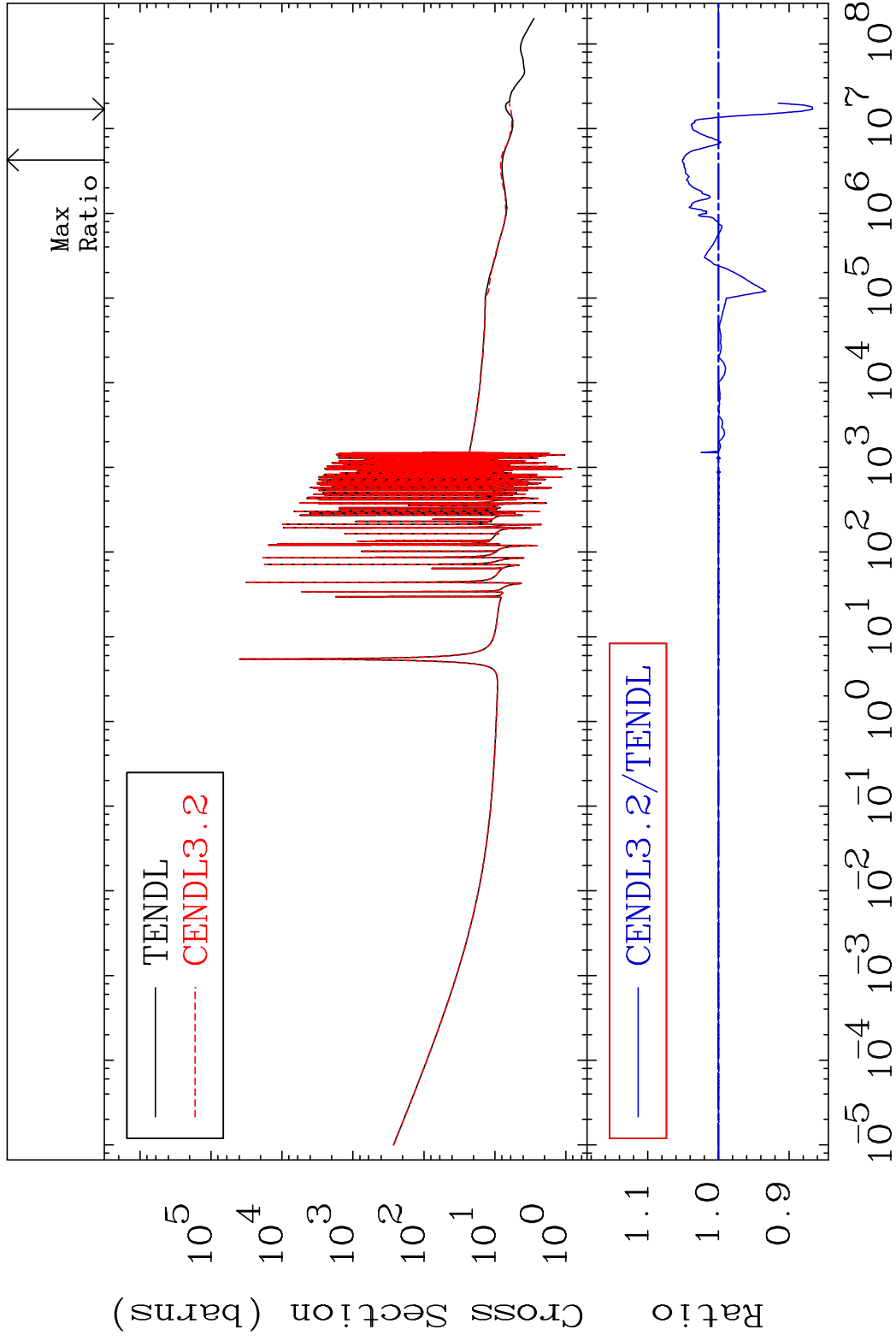
Press Mouse Button to Start

MAT 9231

Total

92-U -236

Cross Section -13.31 To 5.111 %



1

Incident Energy (eV)

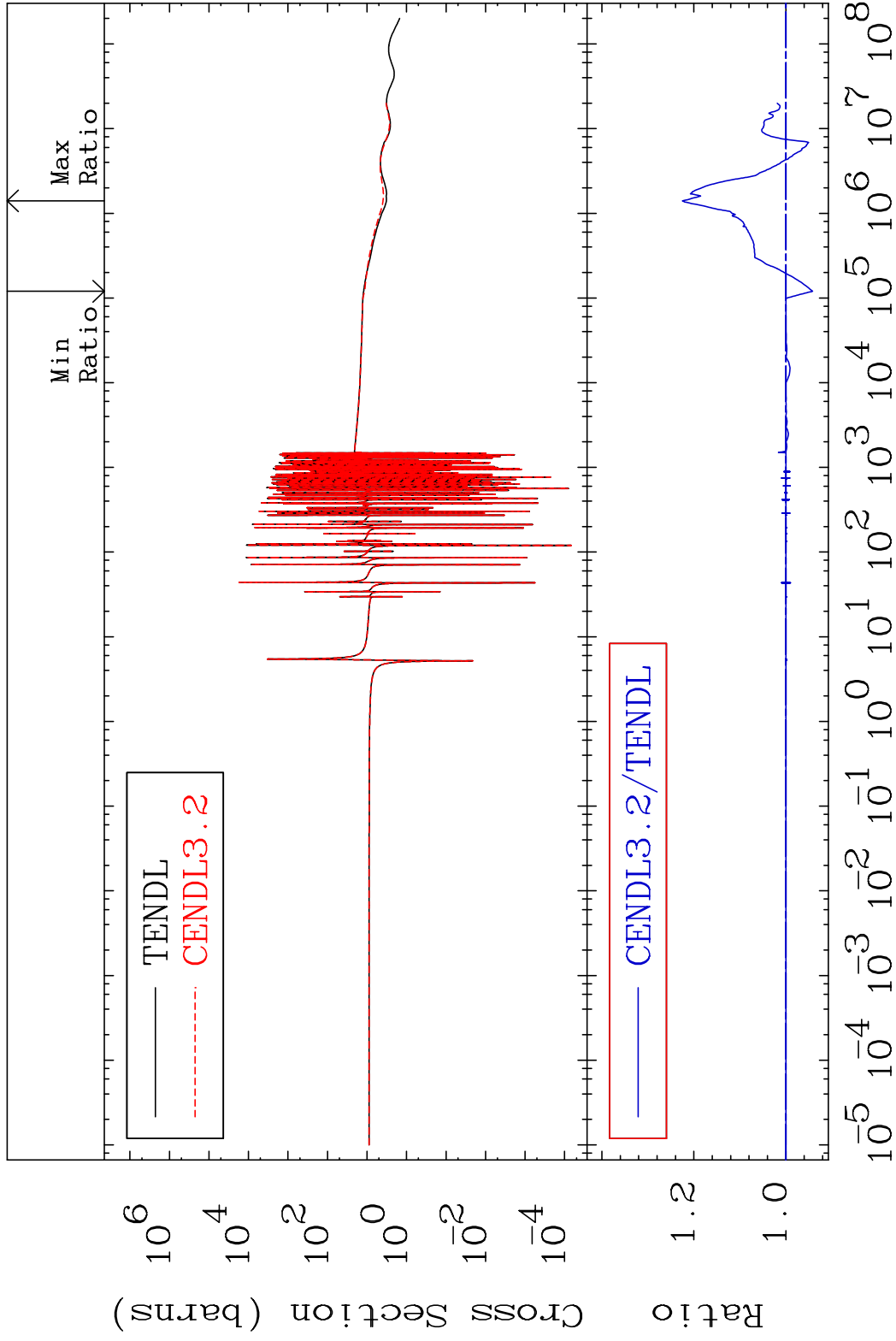
92-U -236

MAT 9231

Elastic

92-U -236

Cross Section -5.805 To 22.51 %



2

Incident Energy (eV)

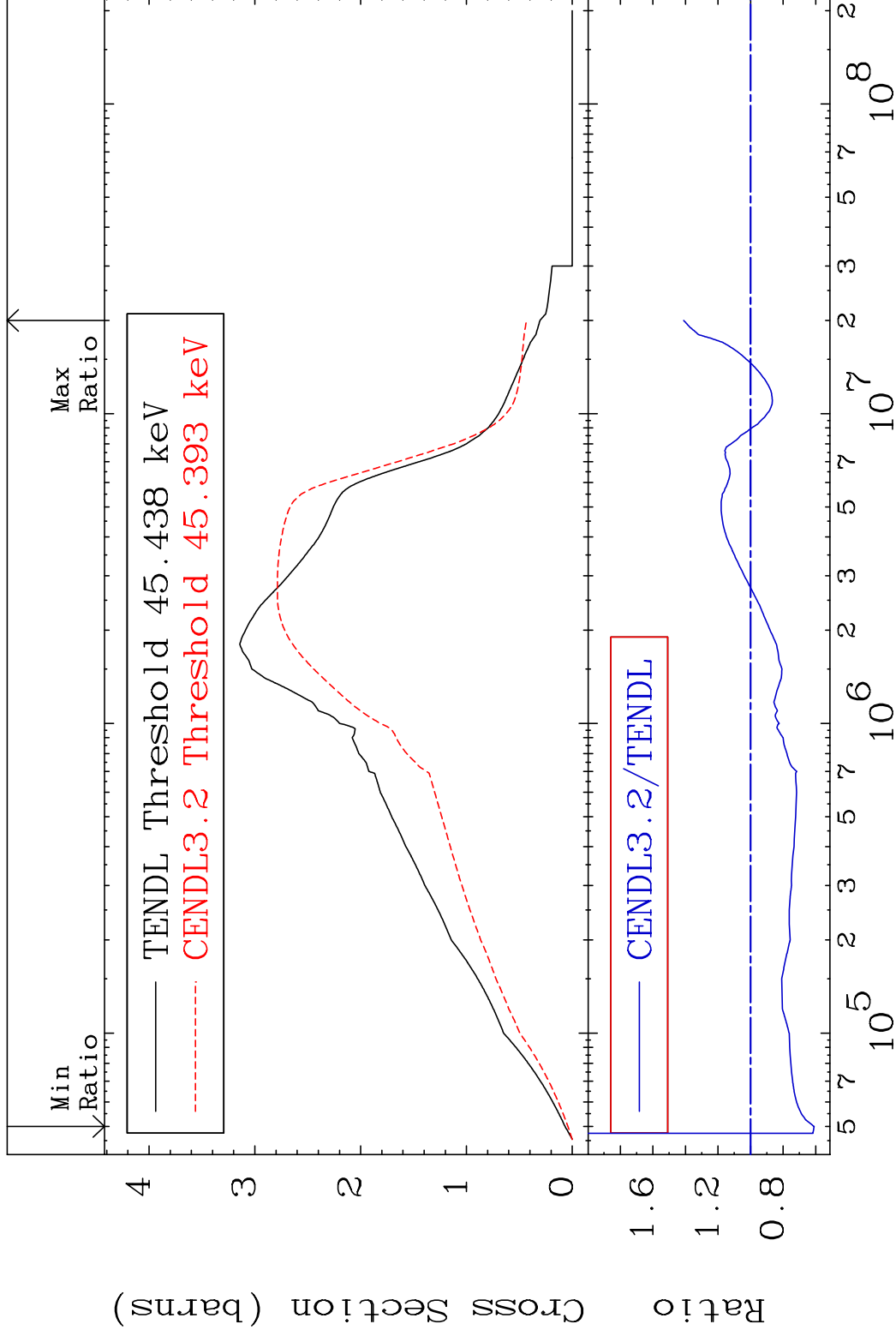
92-U -236

MAT 9231

Inelastic

92-U -236

Cross Section -39.03 To 41.09 %



3

Incident Energy (eV)

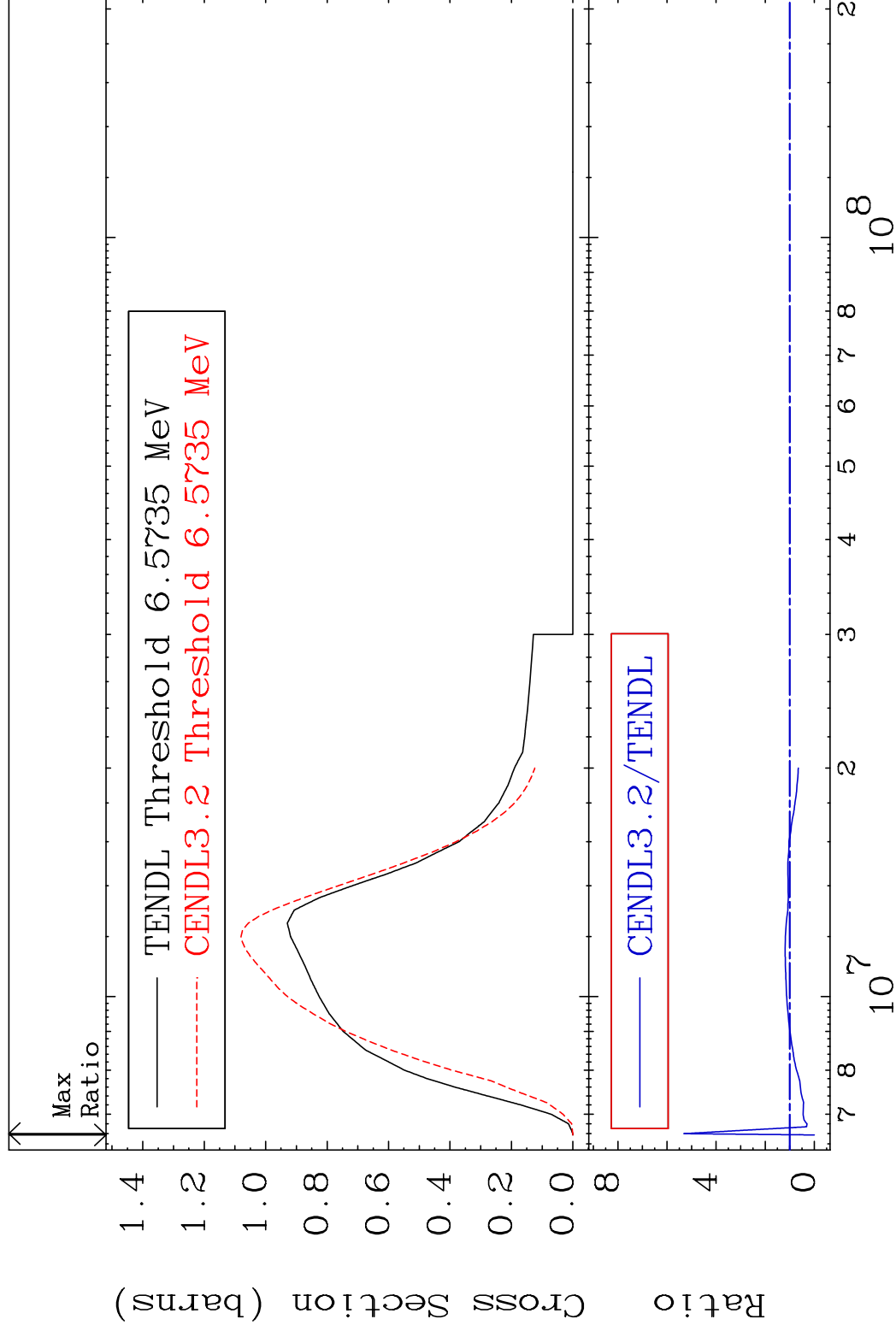
92-U -236

MAT 9231

(n,2n)

92-U -236

Cross Section -100.0 To 430.5 %



4

Incident Energy (eV)

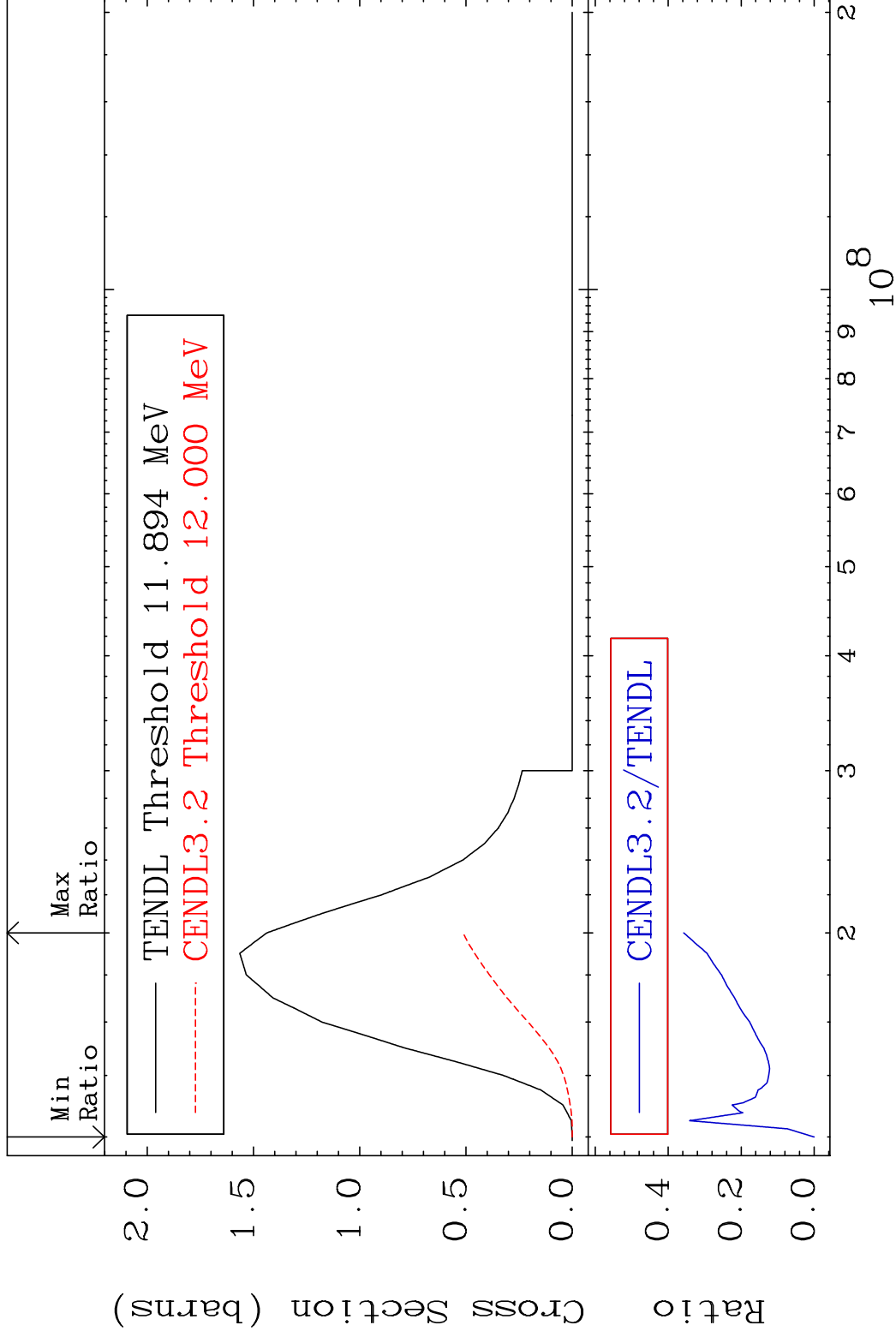
92-U -236

MAT 9231

(n,3n)

92-U -236

Cross Section -100.0 To -64.24%



5

Incident Energy (eV)

92-U -236

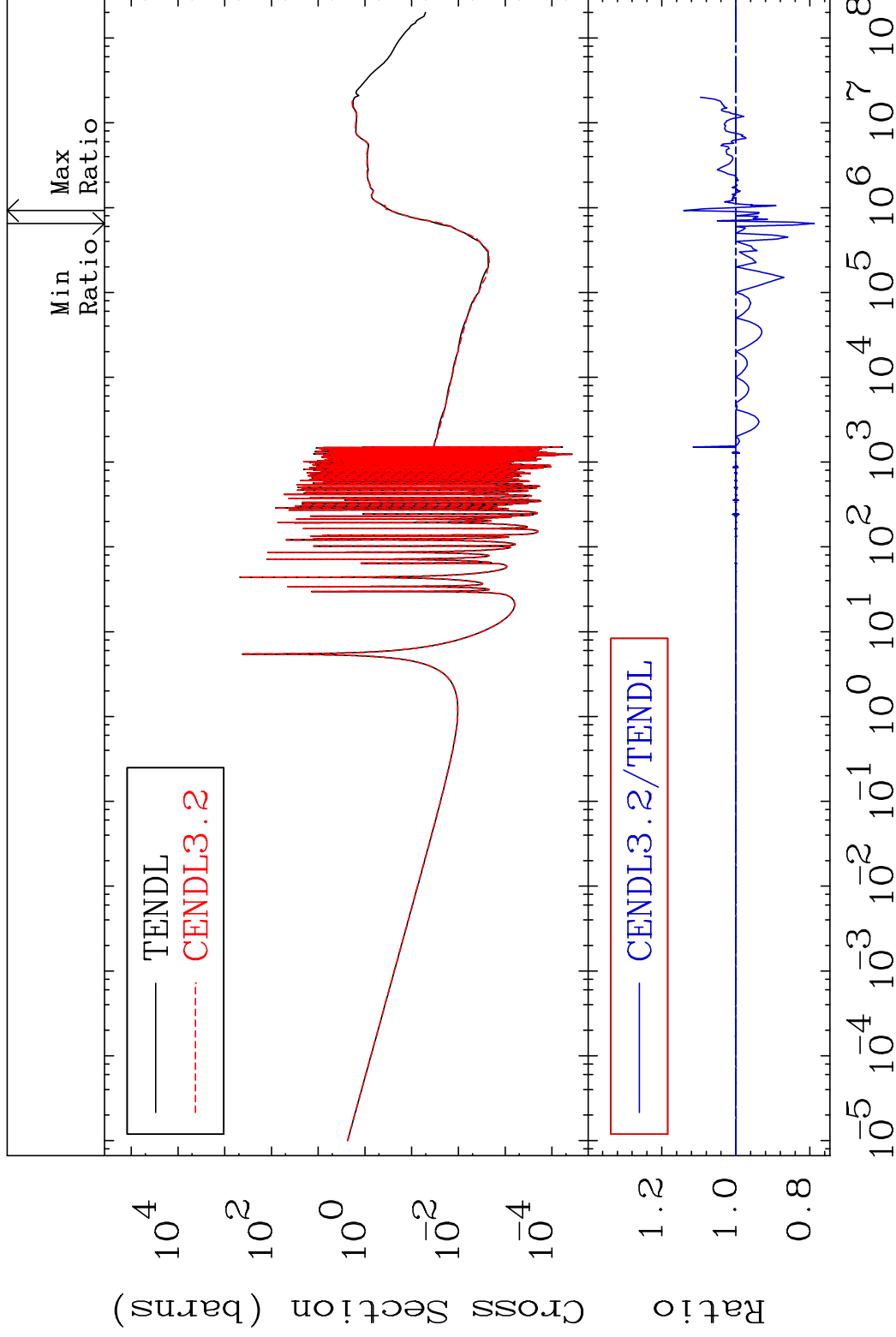
MAT 9231

Fission

92-U -236

Cross Section

-21.13 To 14.09 %

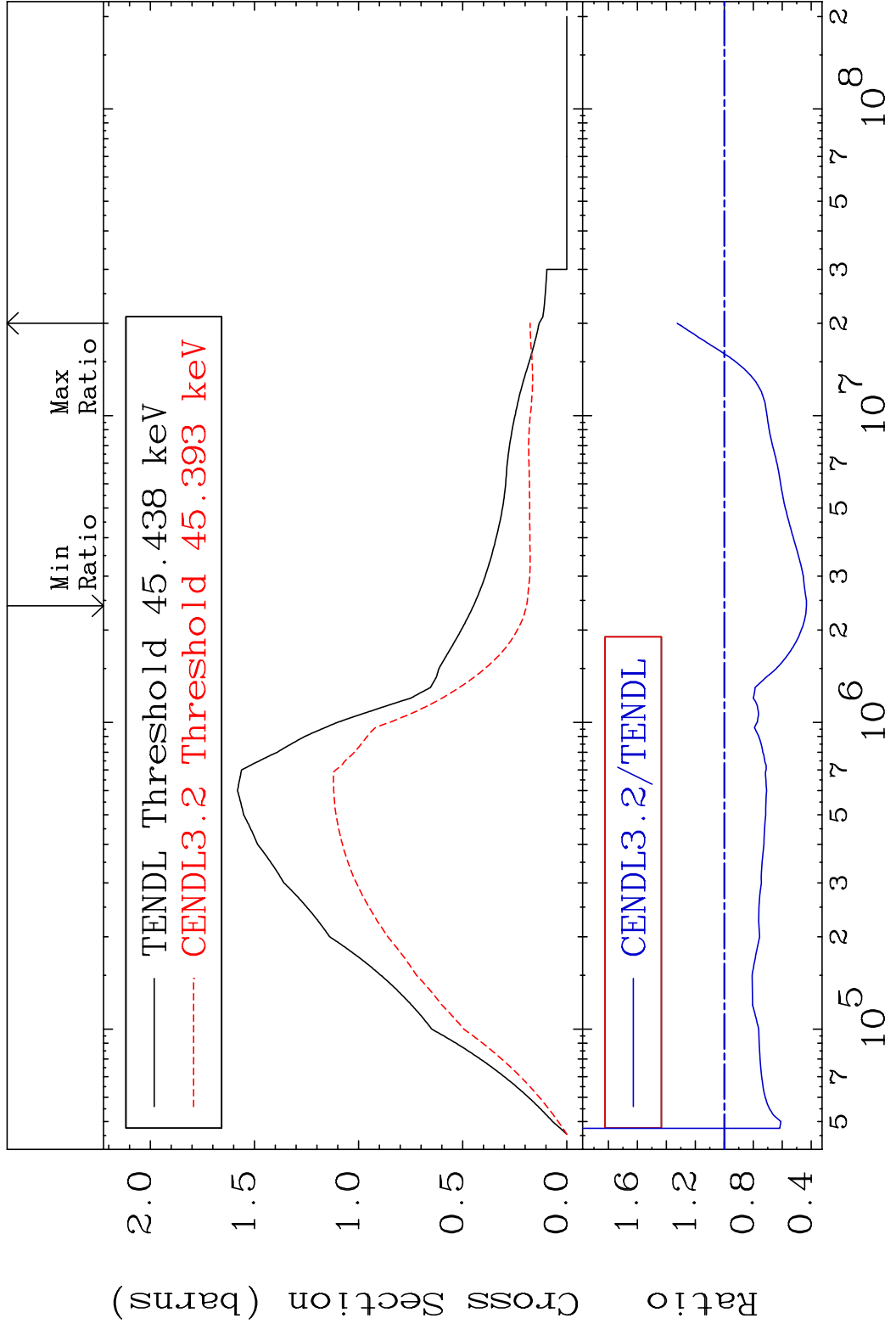


6

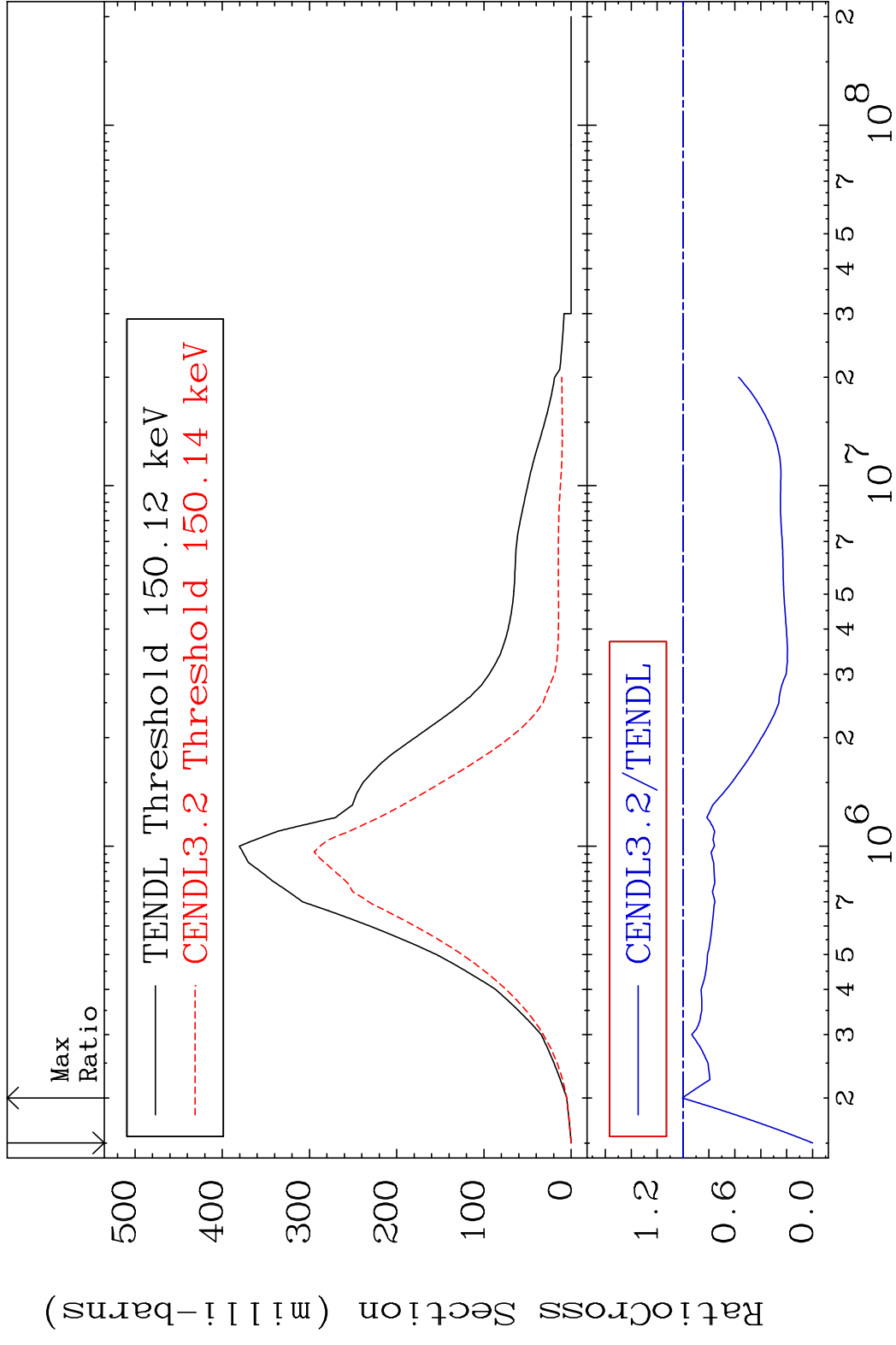
Incident Energy (eV)

92-U -236

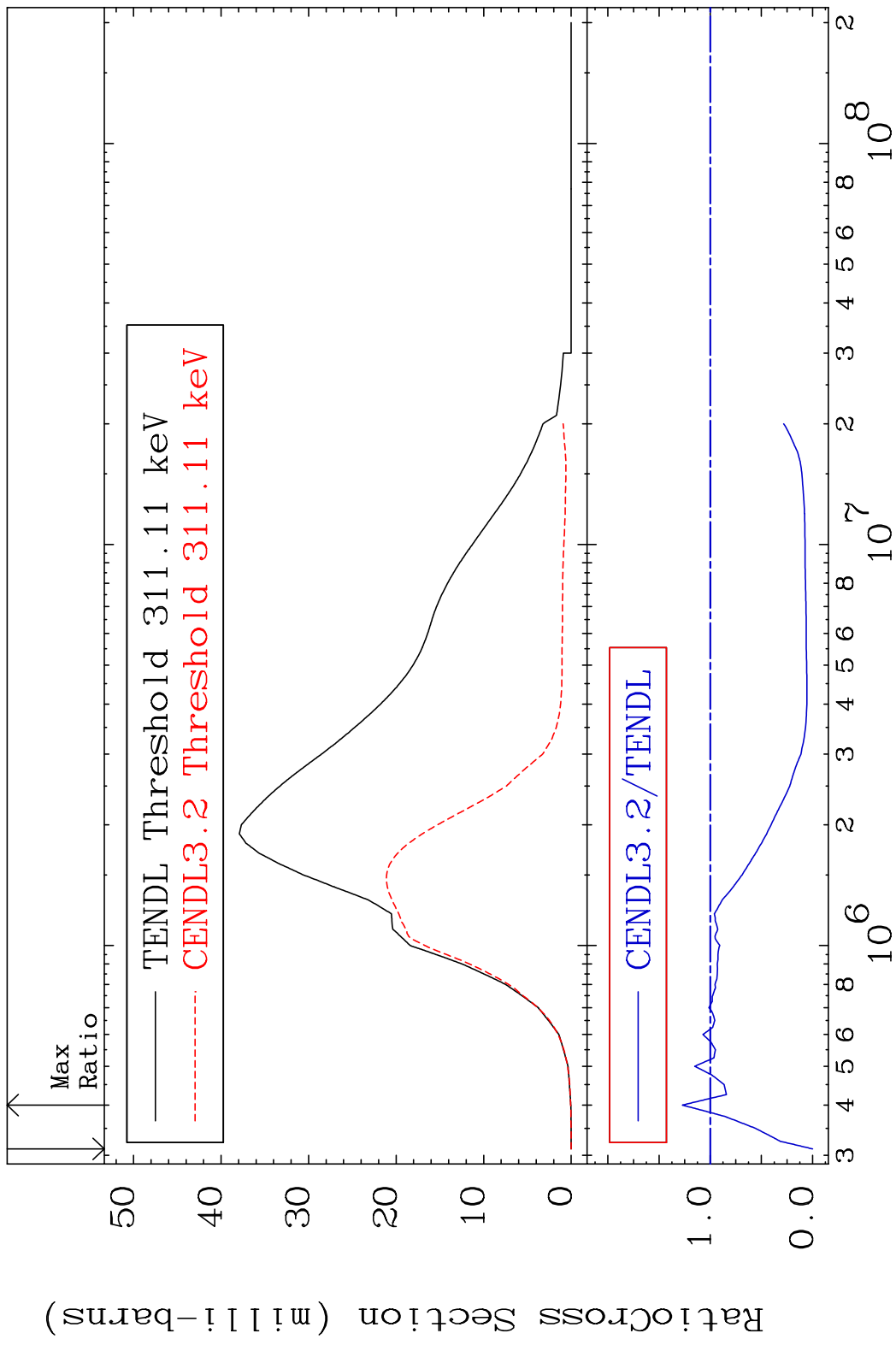
MAT 9231 MT= 51 (n, n') Level 92-U -236
 Cross Section -56.70 To 32.56 %



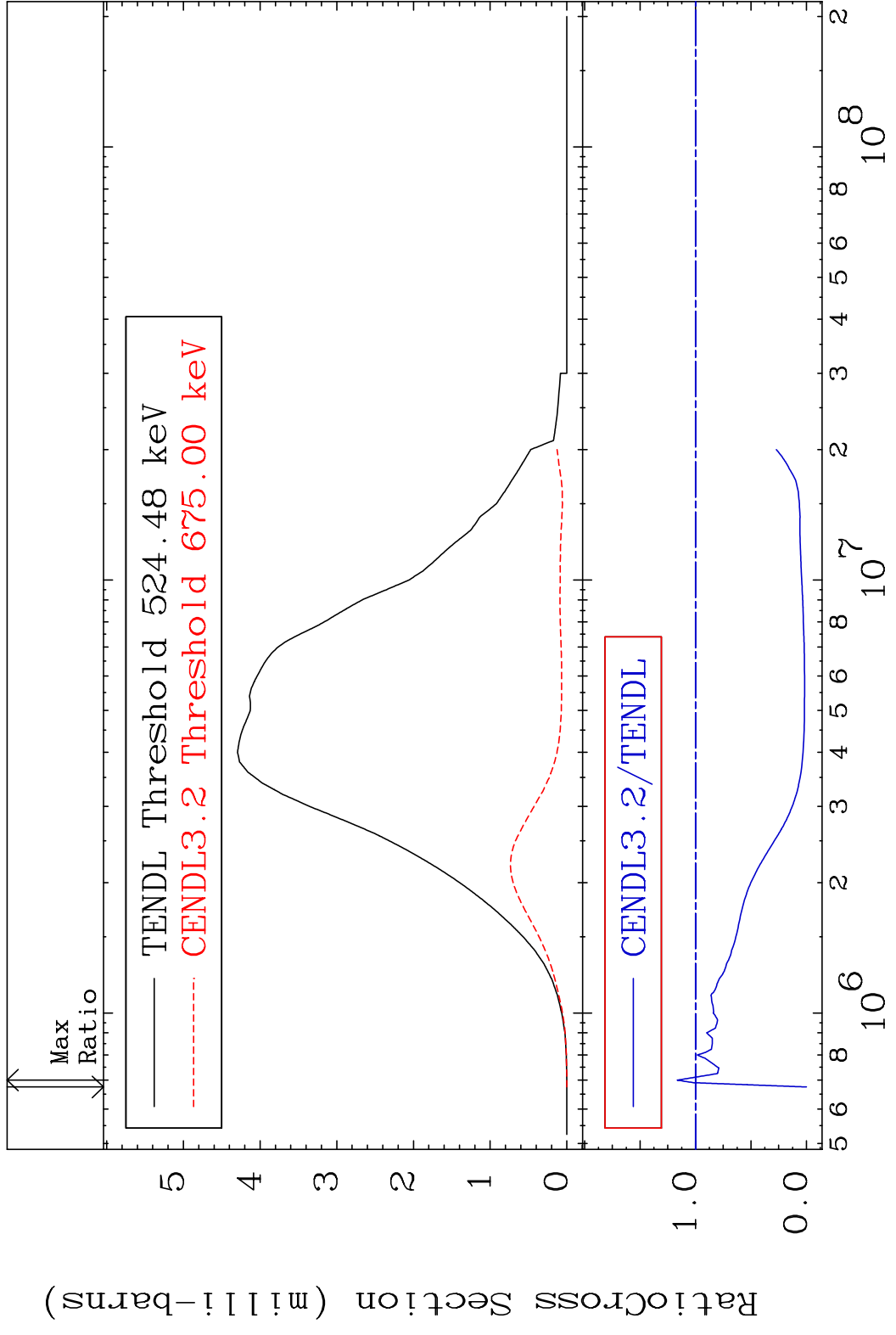
MAT 9231 MT= 52 (n,n') Level 92-U -236
 Cross Section -100.0 To 0.522 %



MAT 9231 MT= 53 (n, n') Level 92-U -236
 Cross Section -100.0 To 27.24 %

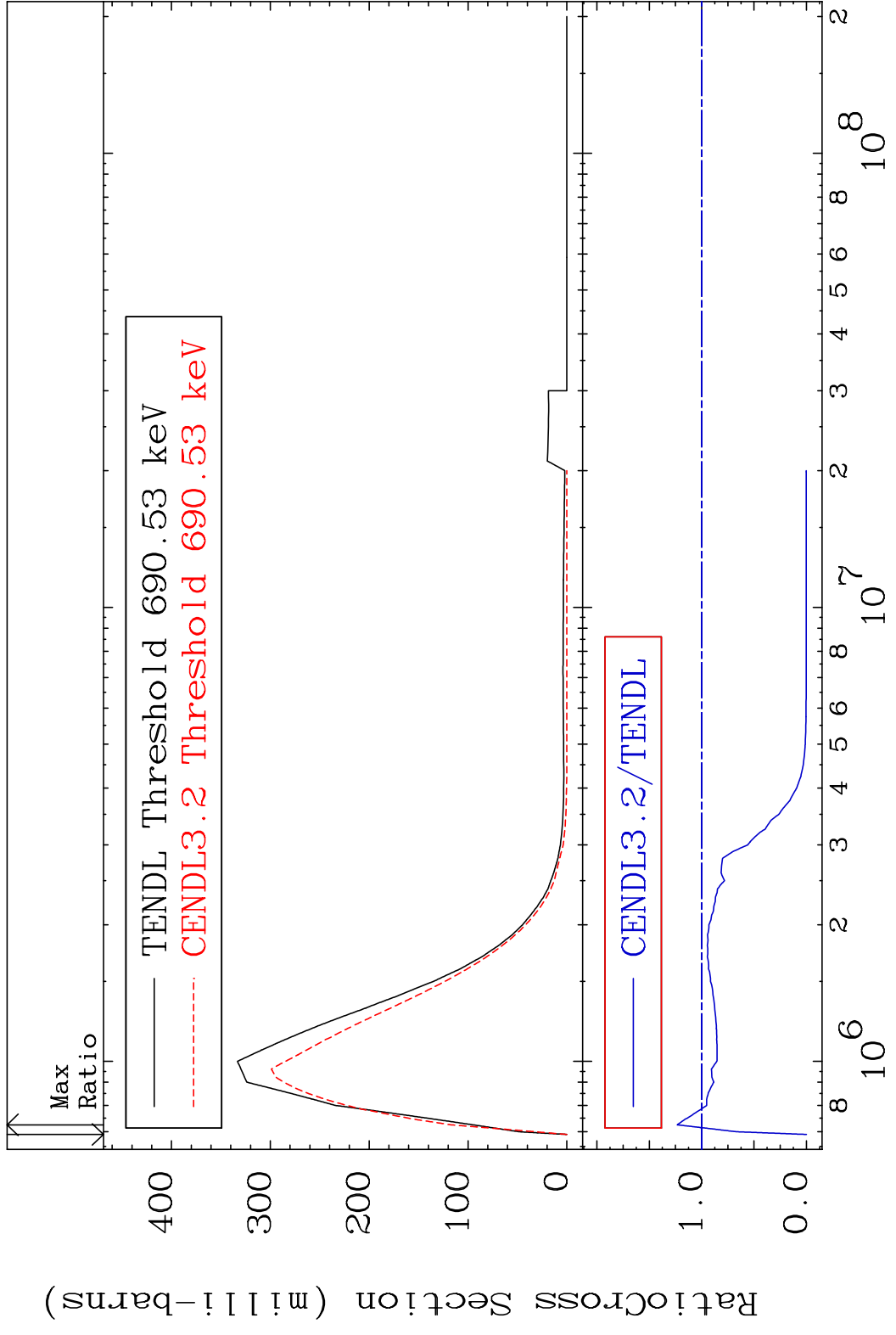


MAT 9231 MT= 54 (n, n') Level 92-U -236
 Cross Section -100.0 To 16.52 %

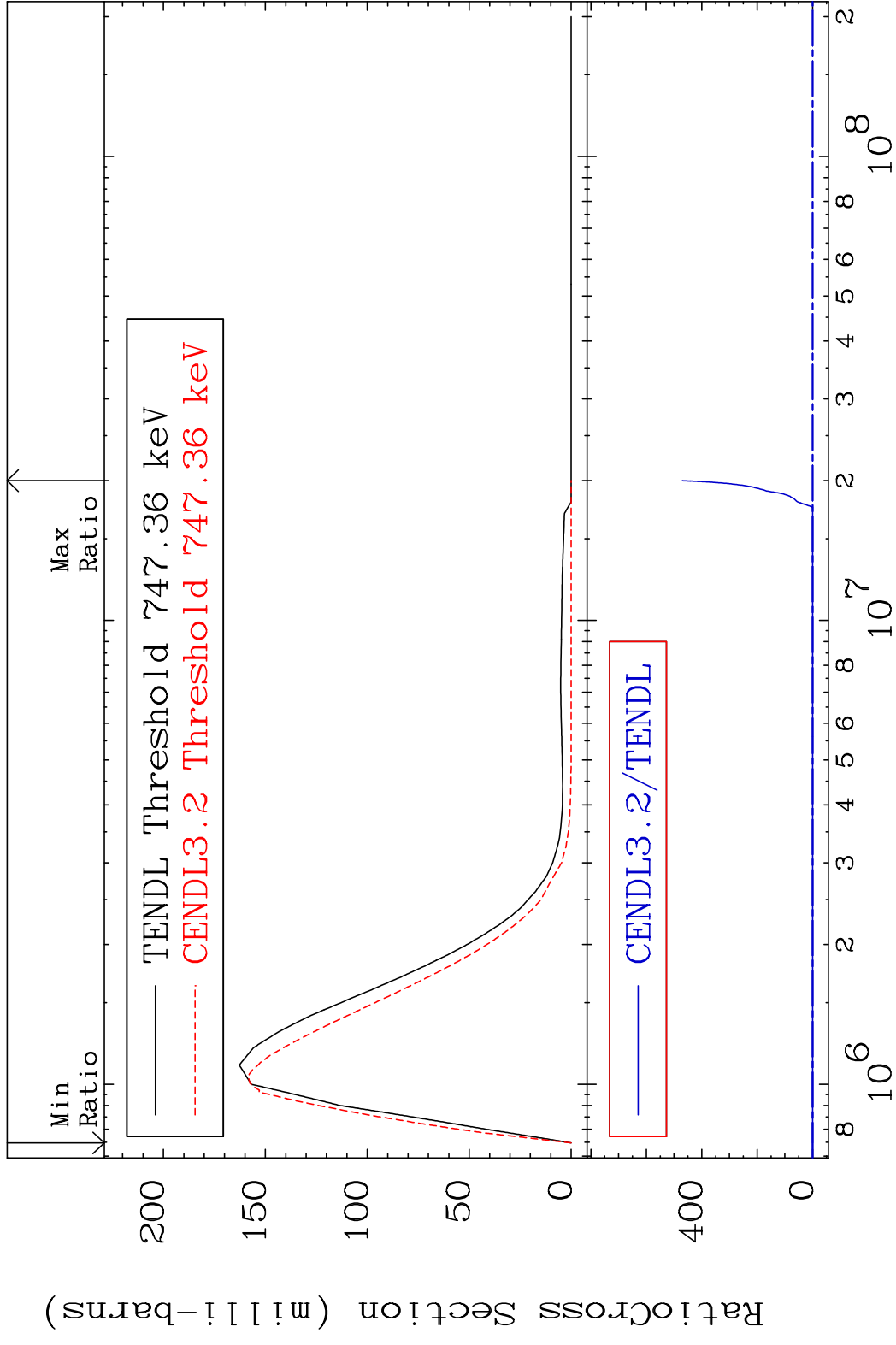


10 Incident Energy (eV) 92-U -236

MAT 9231 MT= 55 (n,n') Level 92-U -236
 Cross Section -100.0 To 23.35 %

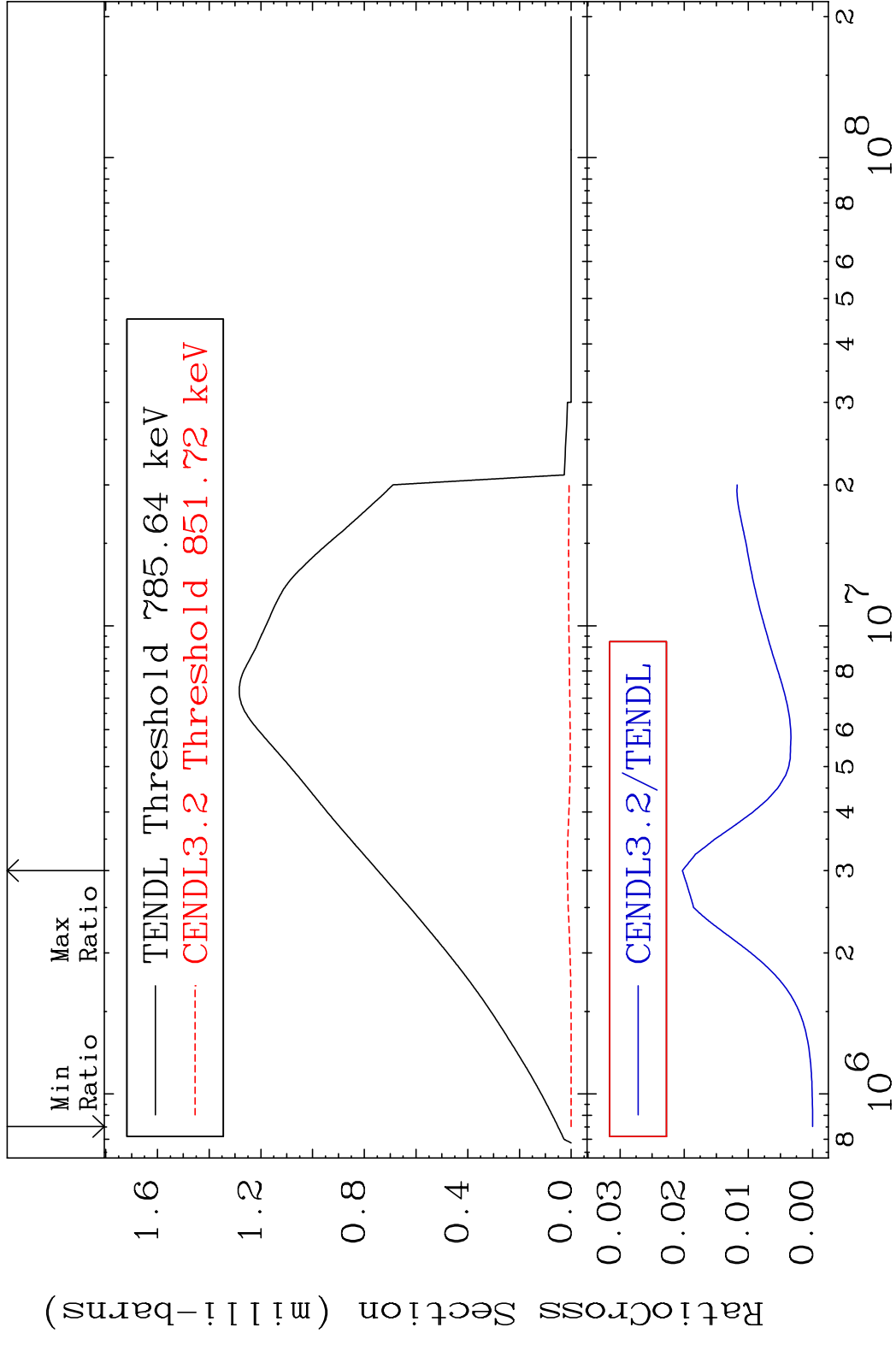


MAT 9231 MT= 56 (n, n') Level 92-U -236
 Cross Section -100.0 To 9999. %

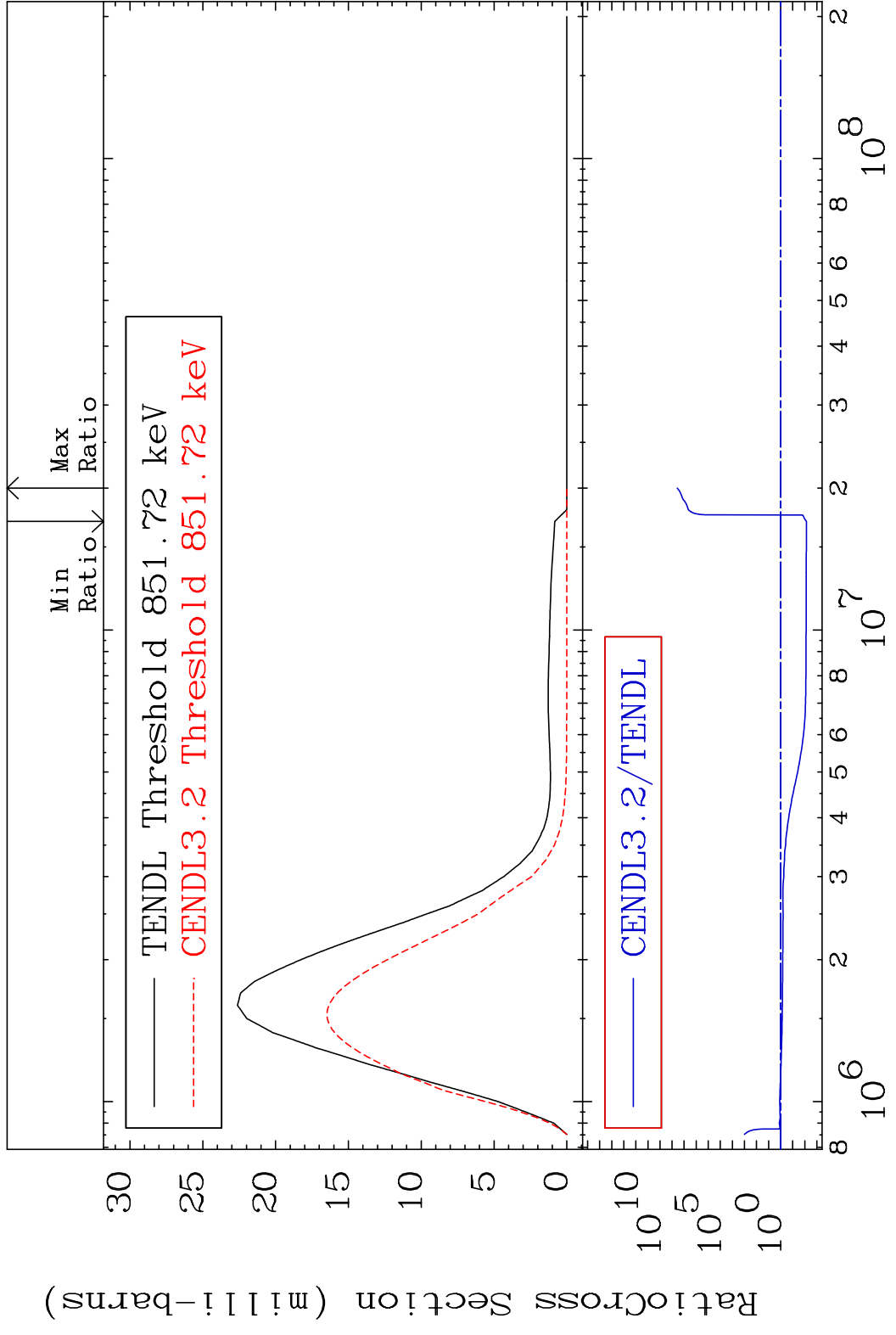


12 Incident Energy (eV) 92-U -236

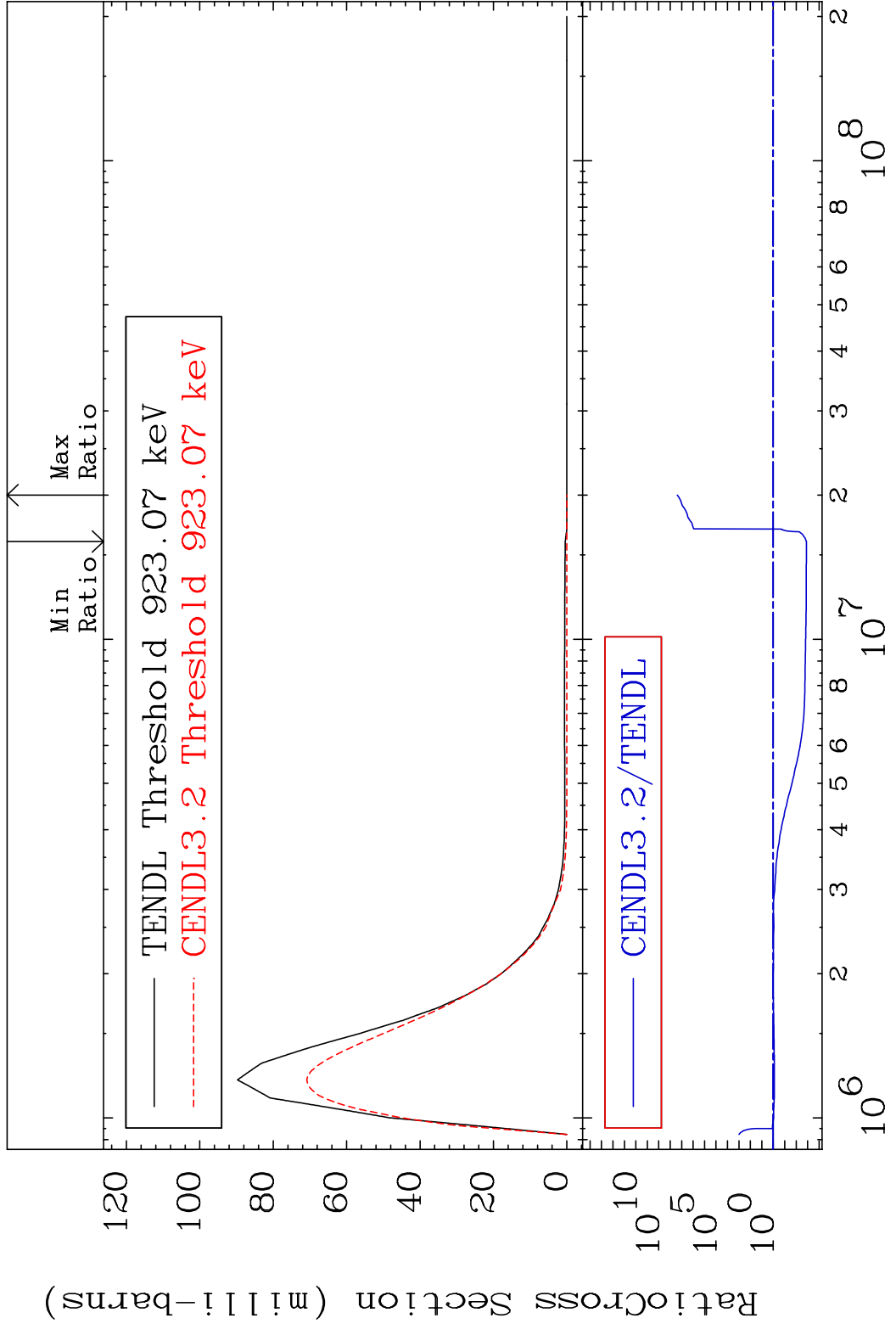
MAT 9231 MT= 57 (n,n') Level 92-U -236
 Cross Section -100.0 To -97.97%



MAT 9231 MT= 58 (n, n') Level 92-U -236
 Cross Section -99.26 To 9999. %

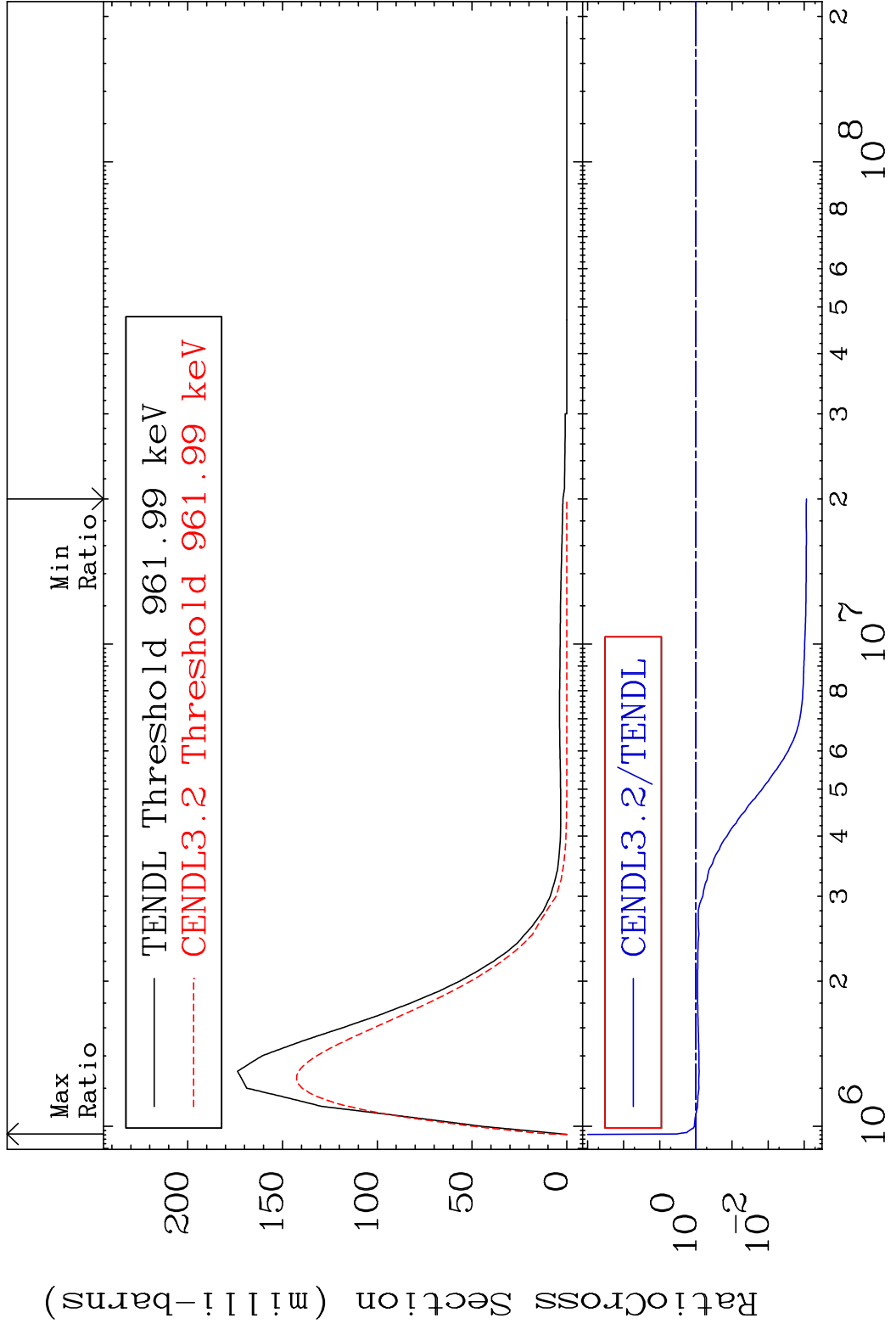


MAT 9231 MT= 59 (n,n') Level 92-U -236
 Cross Section -99.87 To 9999. %



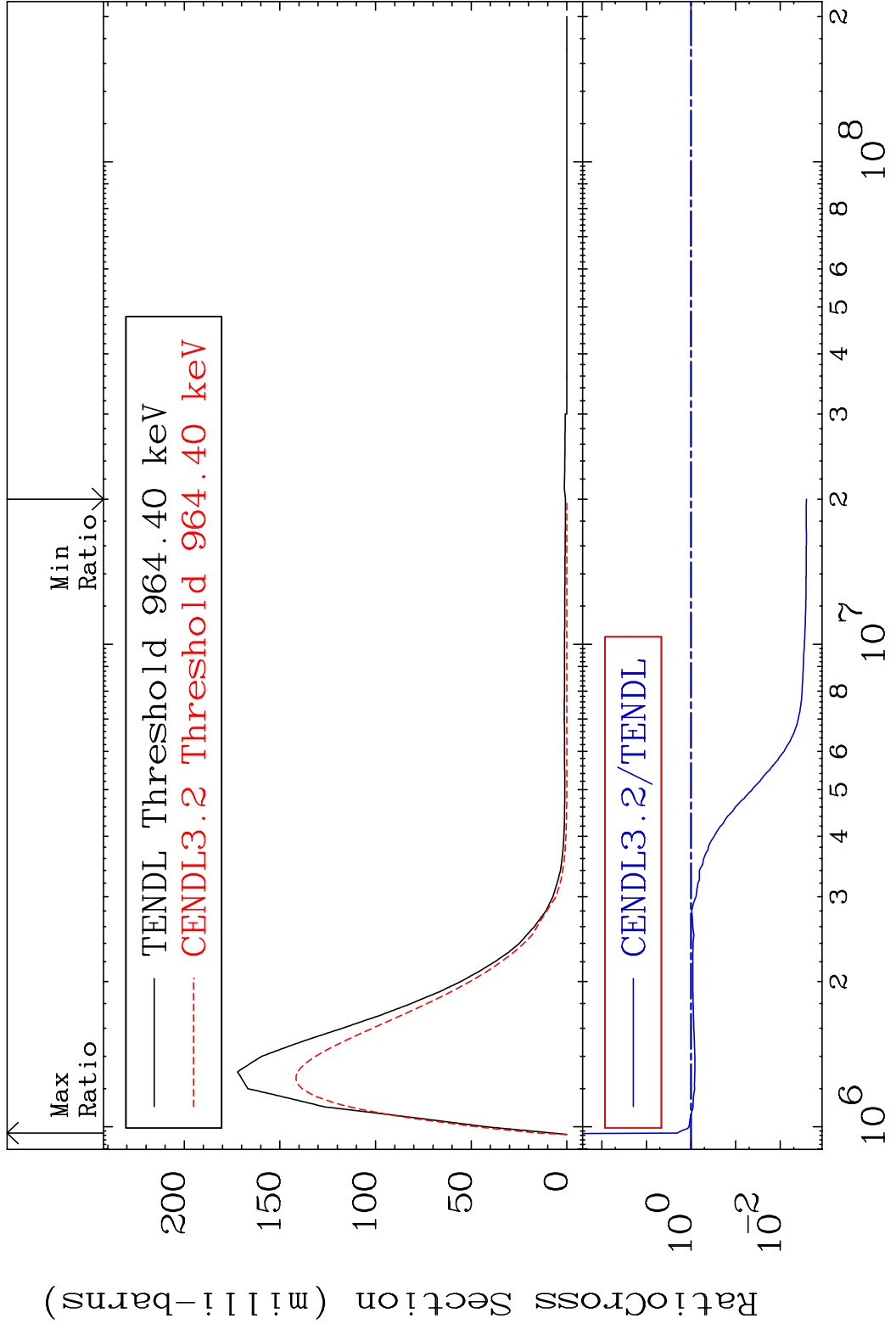
15 92-U -236

MAT 9231 MT= 60 (n, n') Level 92-U -236
 Cross Section -99.91 To 228.8 %



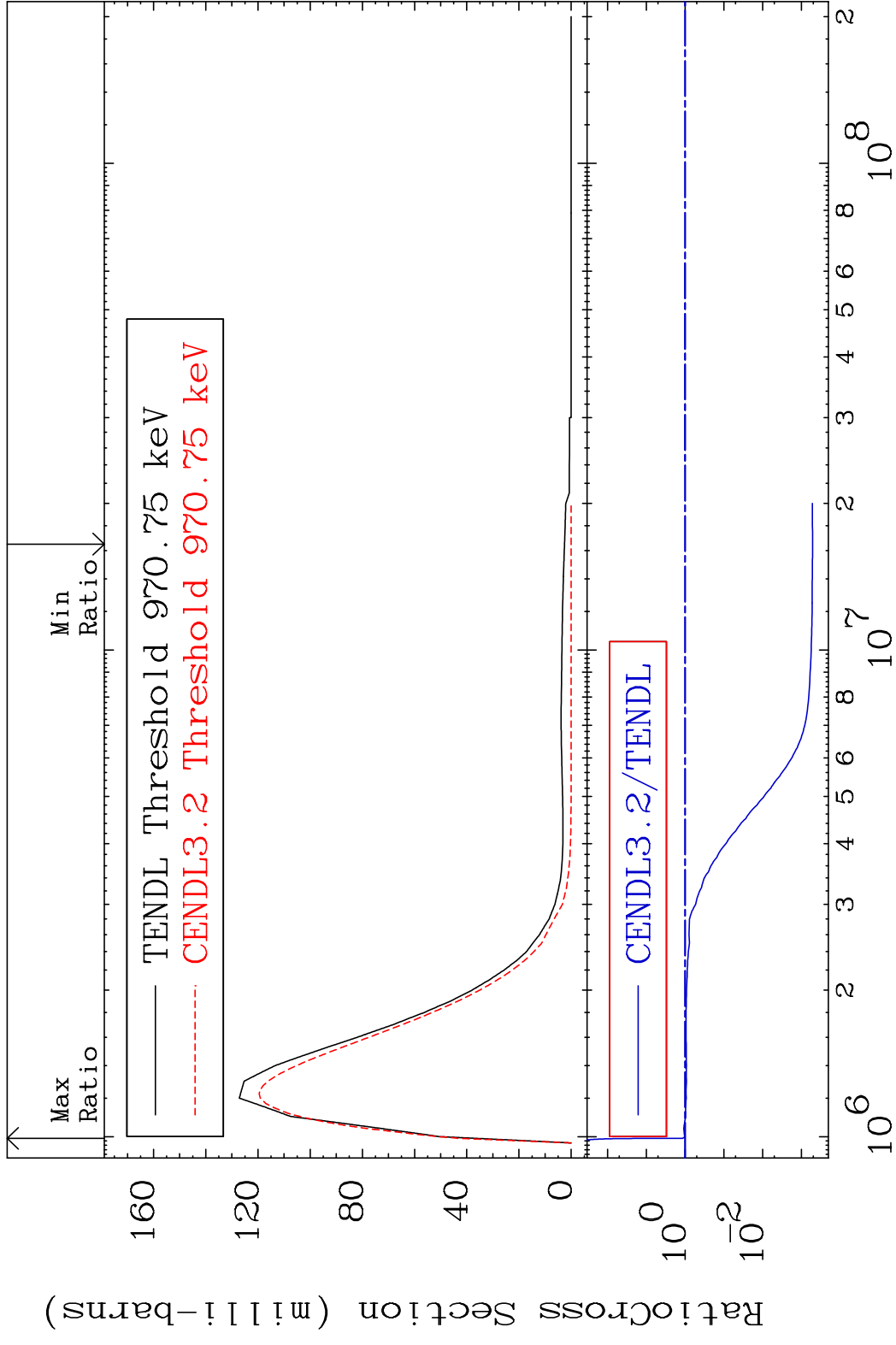
16 Incident Energy (eV) 92-U -236

MAT 9231 MT= 61 (n, n') Level 92-U -236
 Cross Section -99.74 To 104.8 %



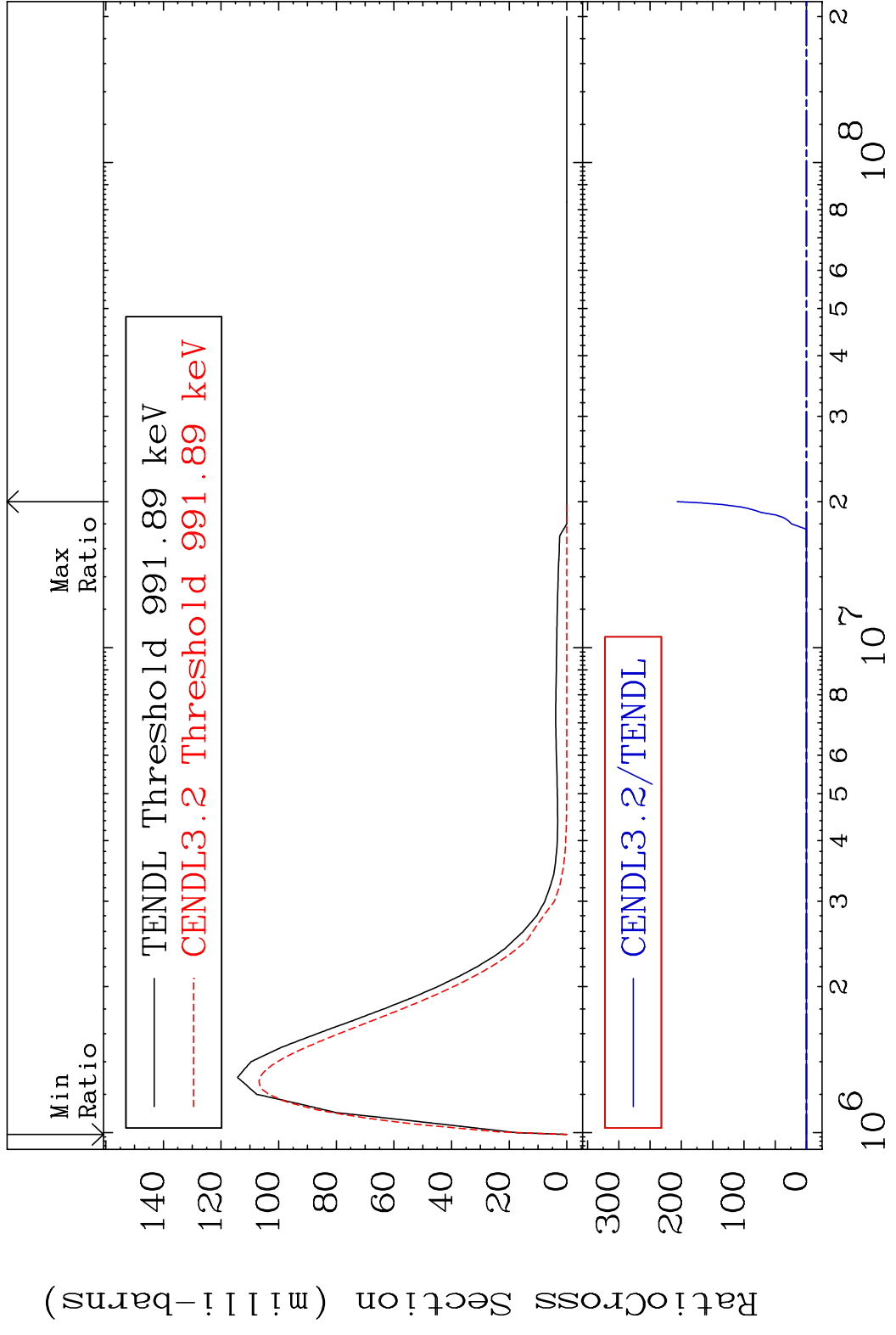
17 Incident Energy (eV) 92-U -236

MAT 9231 MT= 62 (n, n') Level 92-U -236
 Cross Section -99.95 To 17.90 %



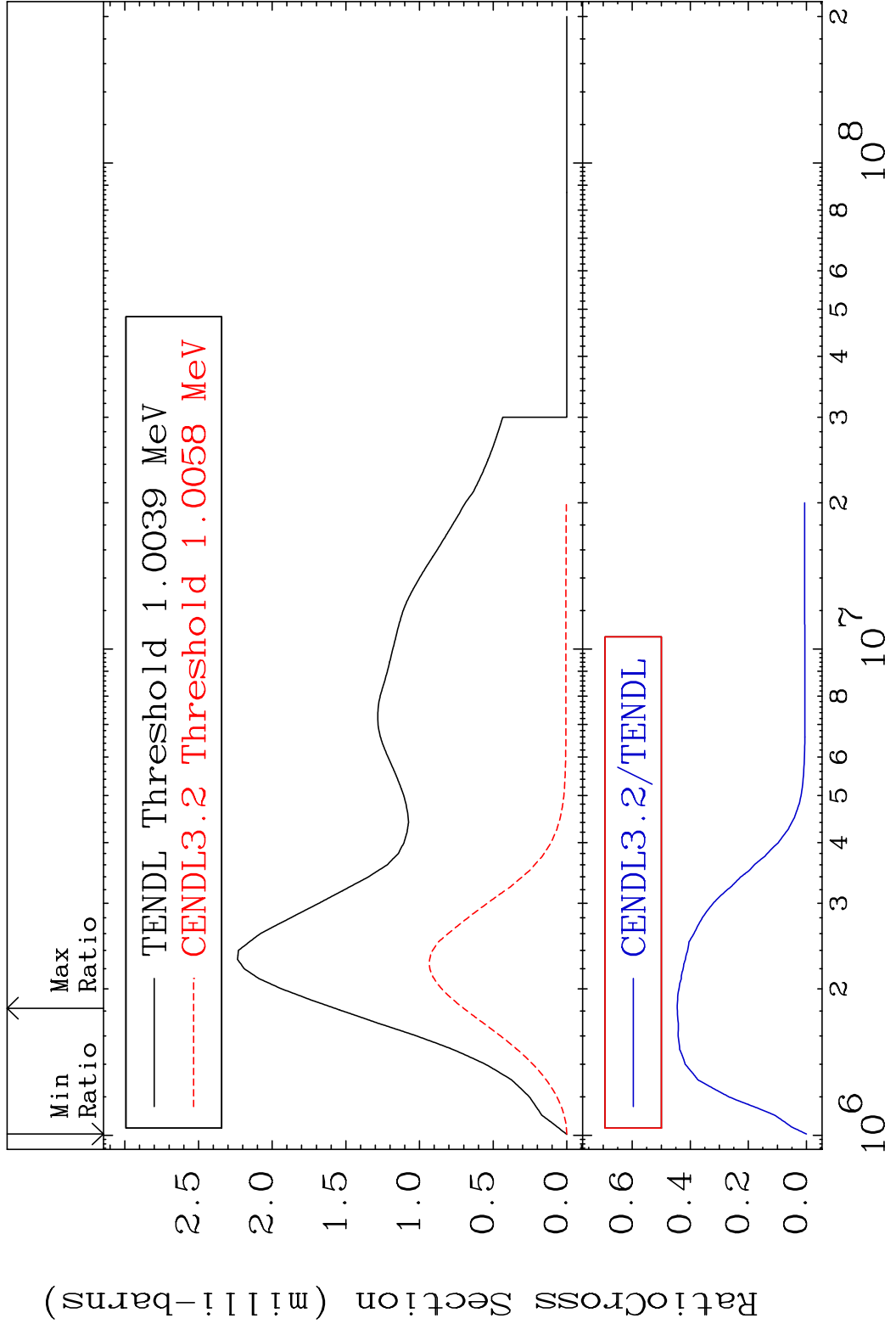
18 Incident Energy (eV) 92-U -236

MAT 9231 MT= 63 (n, n') Level 92-U -236
 Cross Section -100.0 To 9999. %



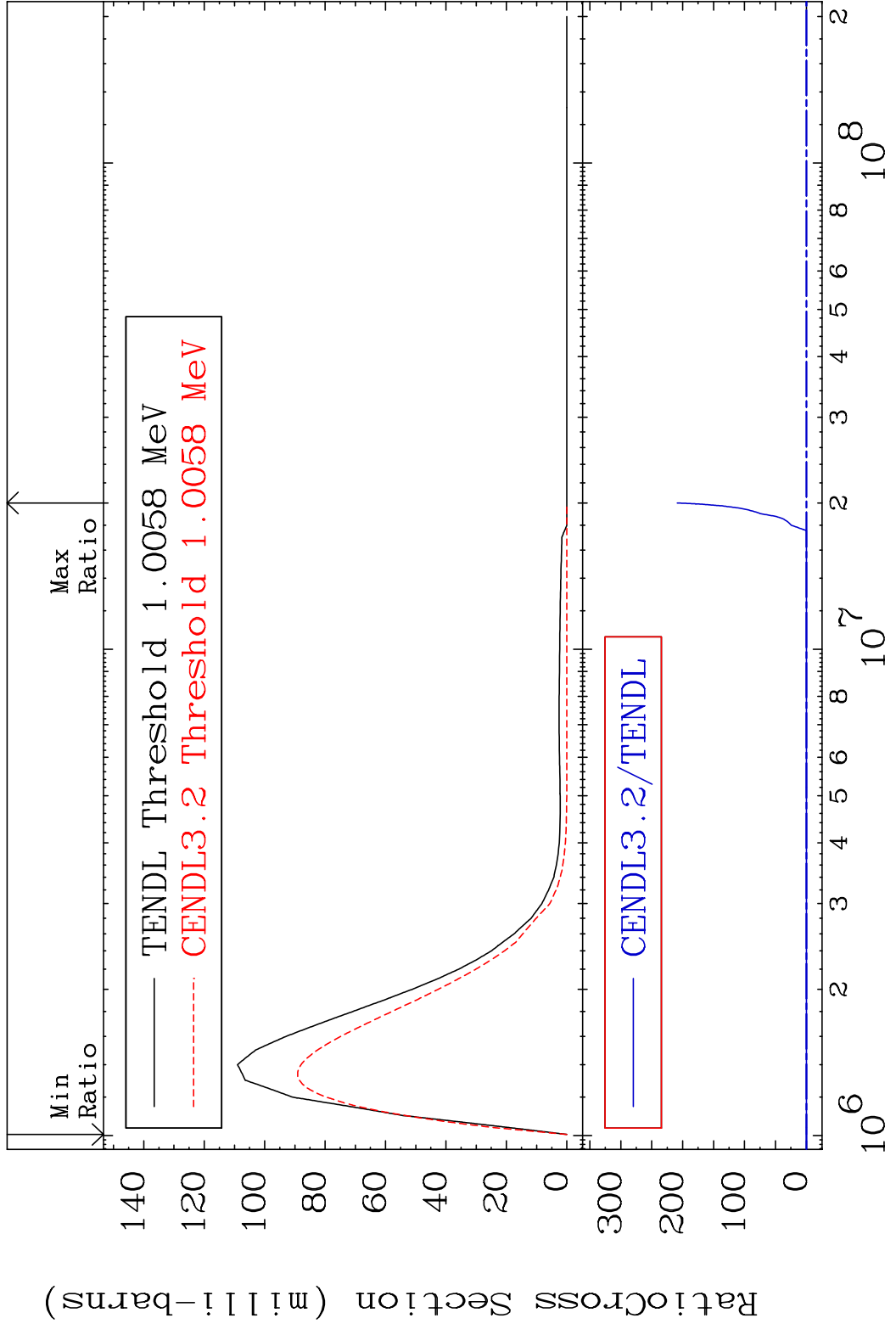
19 Incident Energy (eV) 92-U -236

MAT 9231 MT= 64 (n,n') Level 92-U -236
 Cross Section -100.0 To -55.48%



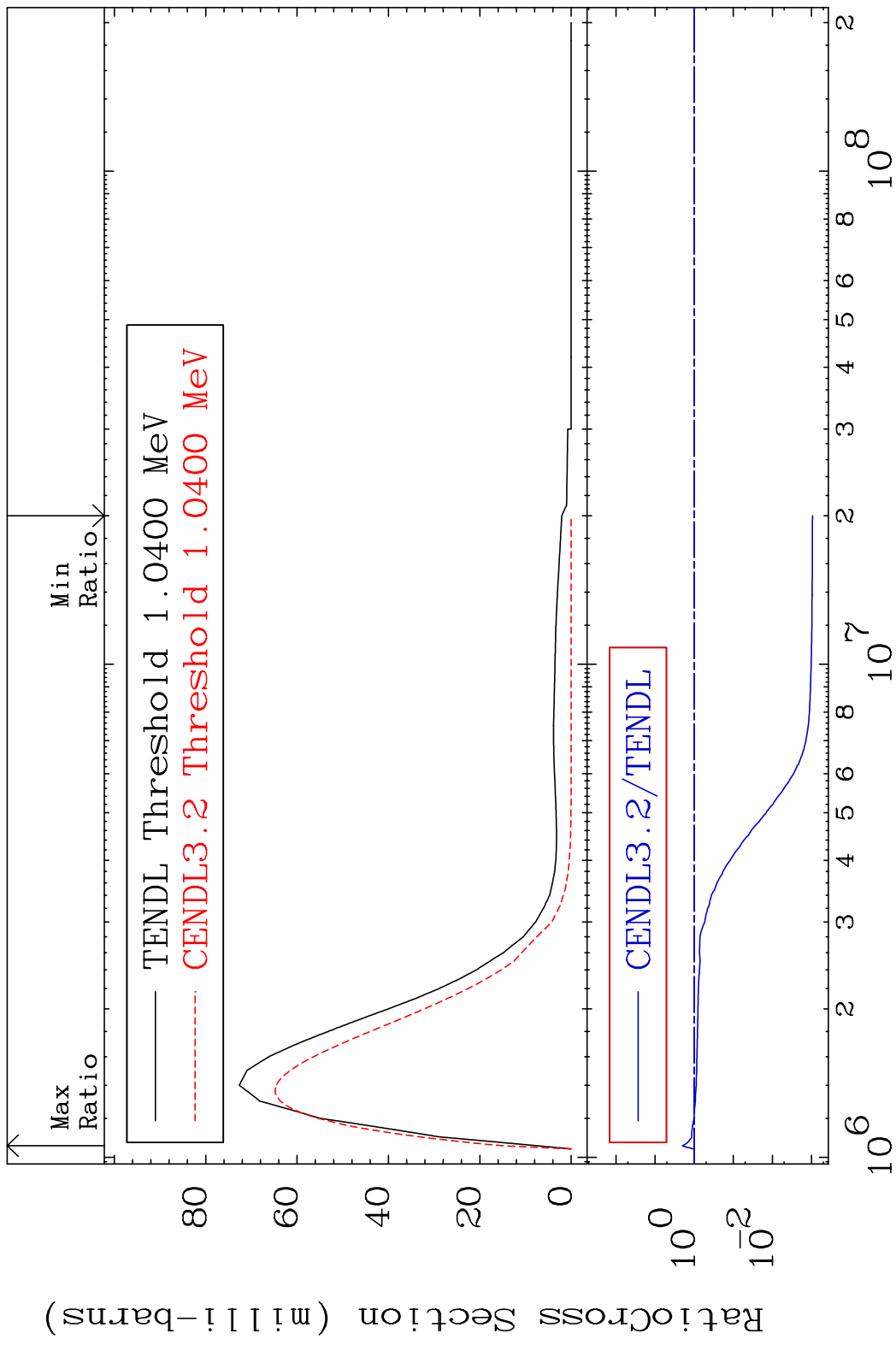
20 Incident Energy (eV) 92-U -236

MAT 9231 MT= 65 (n, n') Level 92-U -236
 Cross Section -100.0 To 9999. %



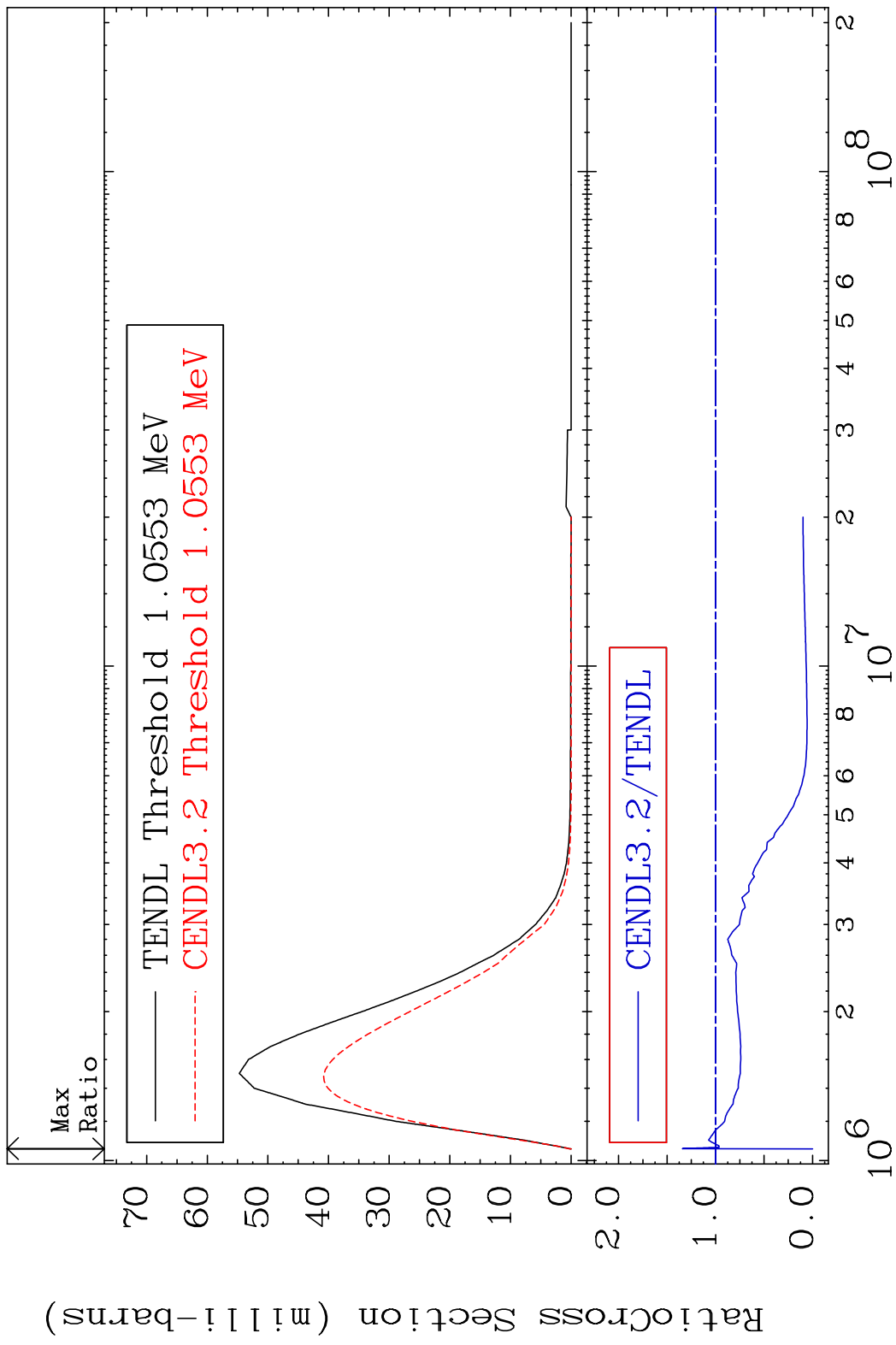
21 Incident Energy (eV) 92-U -236

MAT 9231 MT= 66 (n, n') Level 92-U -236
 Cross Section -99.91 To 101.3 %



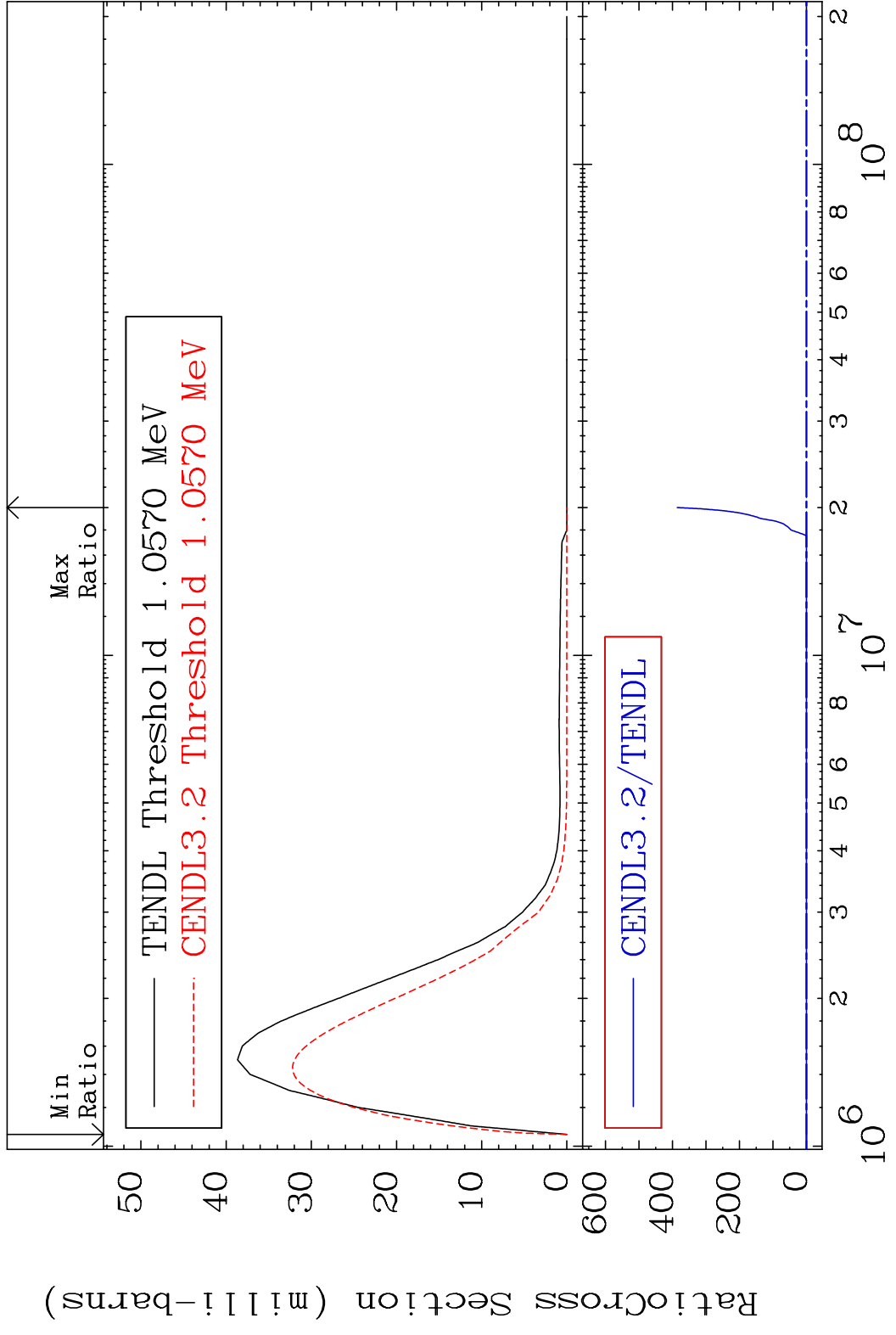
22 Incident Energy (eV) 92-U -236

MAT 9231 MT= 67 (n,n') Level 92-U -236
 Cross Section -100.0 To 34.25 %



23 Incident Energy (eV) 92-U -236

MAT 9231 MT= 68 (n, n') Level 92-U -236
 Cross Section -100.0 To 9999. %



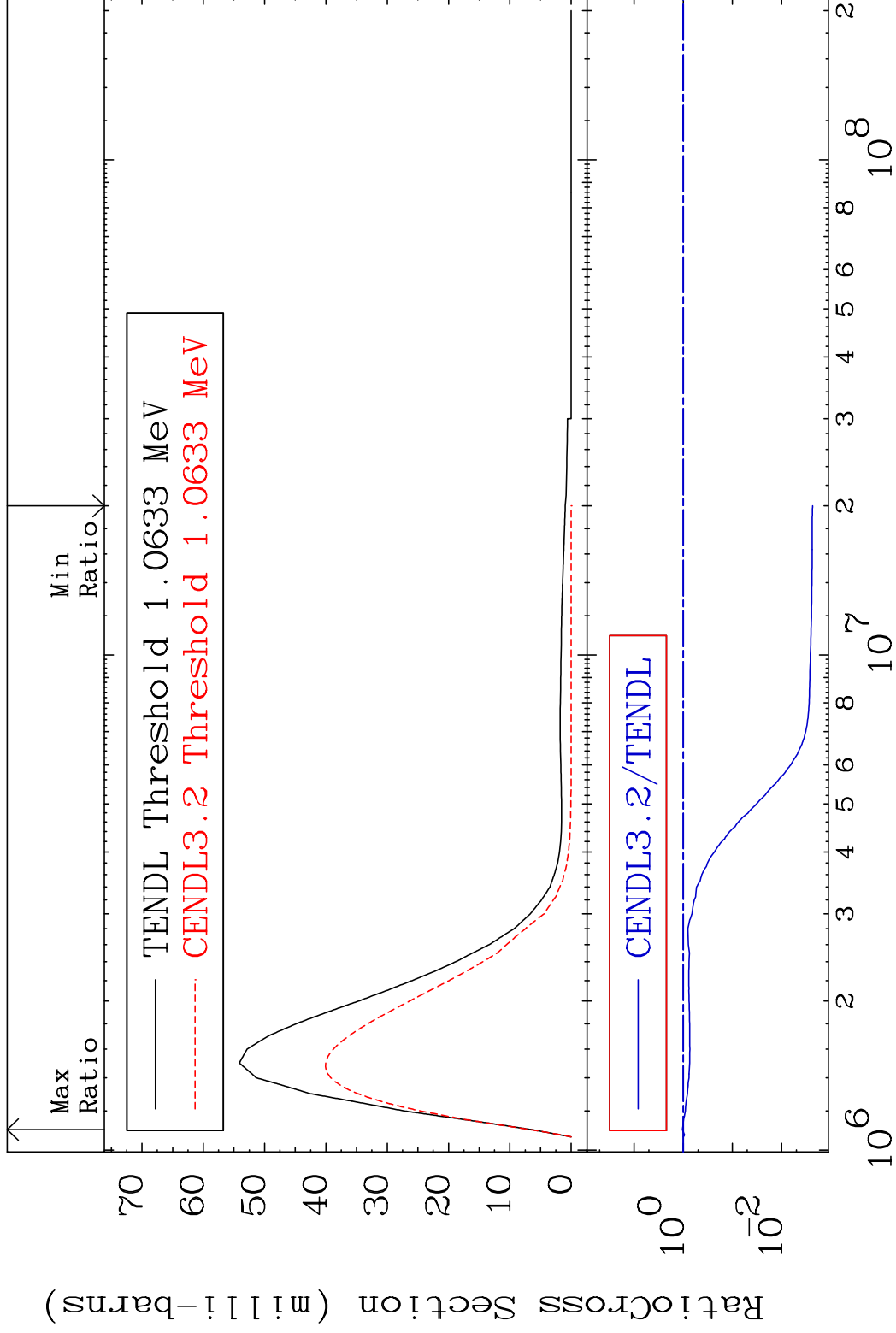
24 Incident Energy (eV) 92-U -236

MAT 9231

MT= 69 (n, n') Level

92-U -236

Cross Section -99.76 To 4.048 %

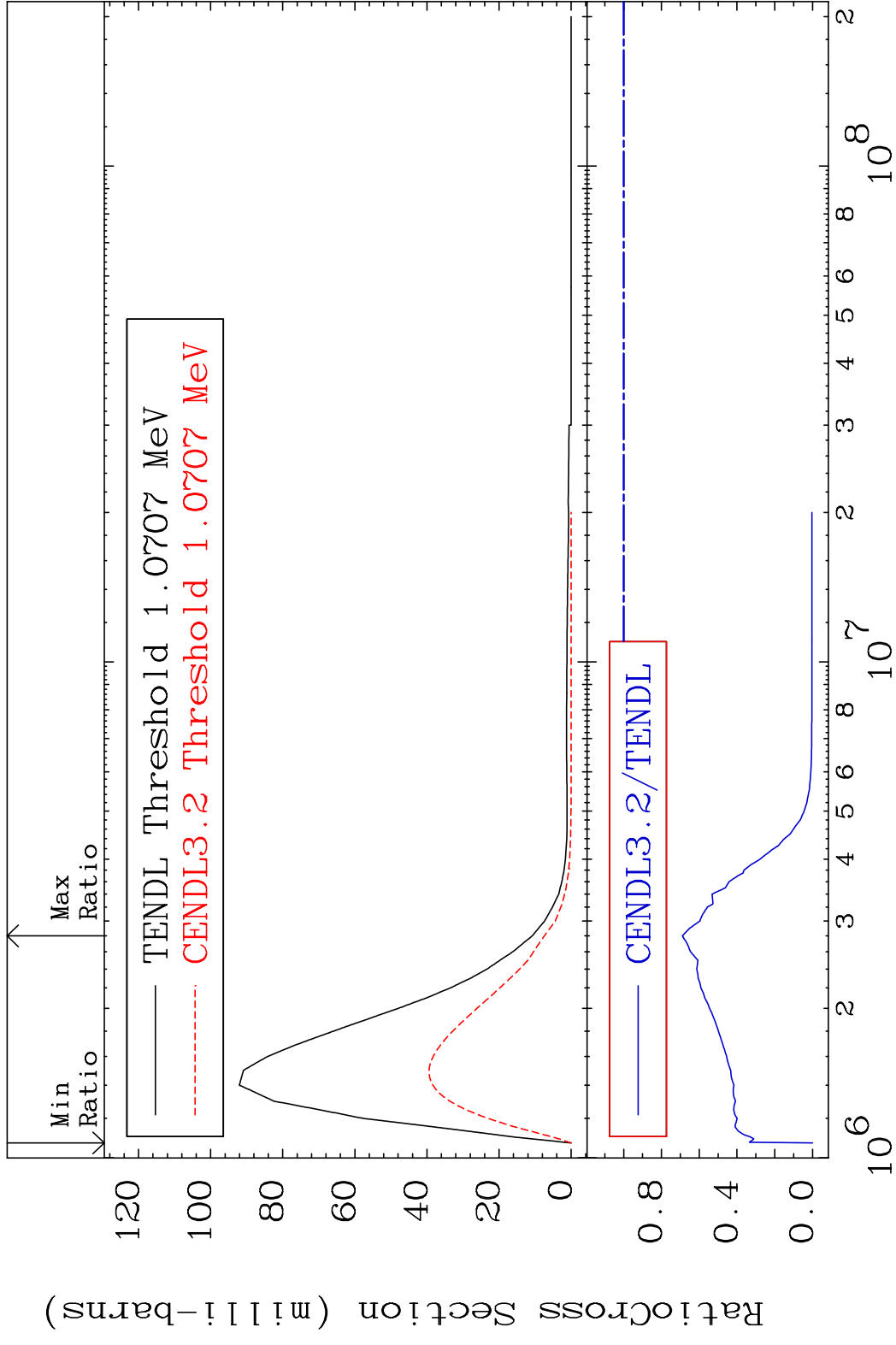


25

Incident Energy (eV)

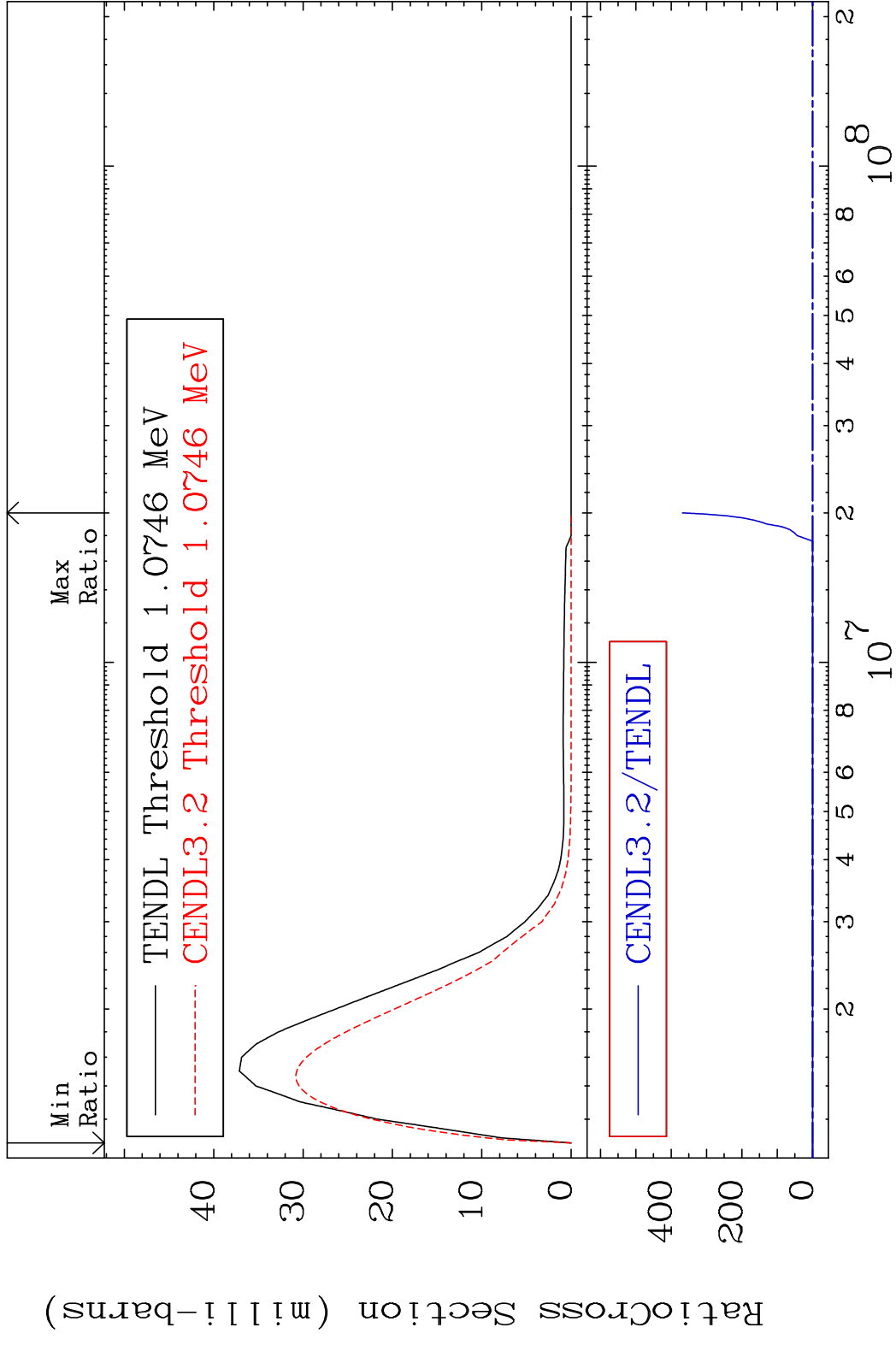
92-U -236

MAT 9231 MT= 70 (n,n') Level 92-U -236
 Cross Section -100.0 To -31.07%

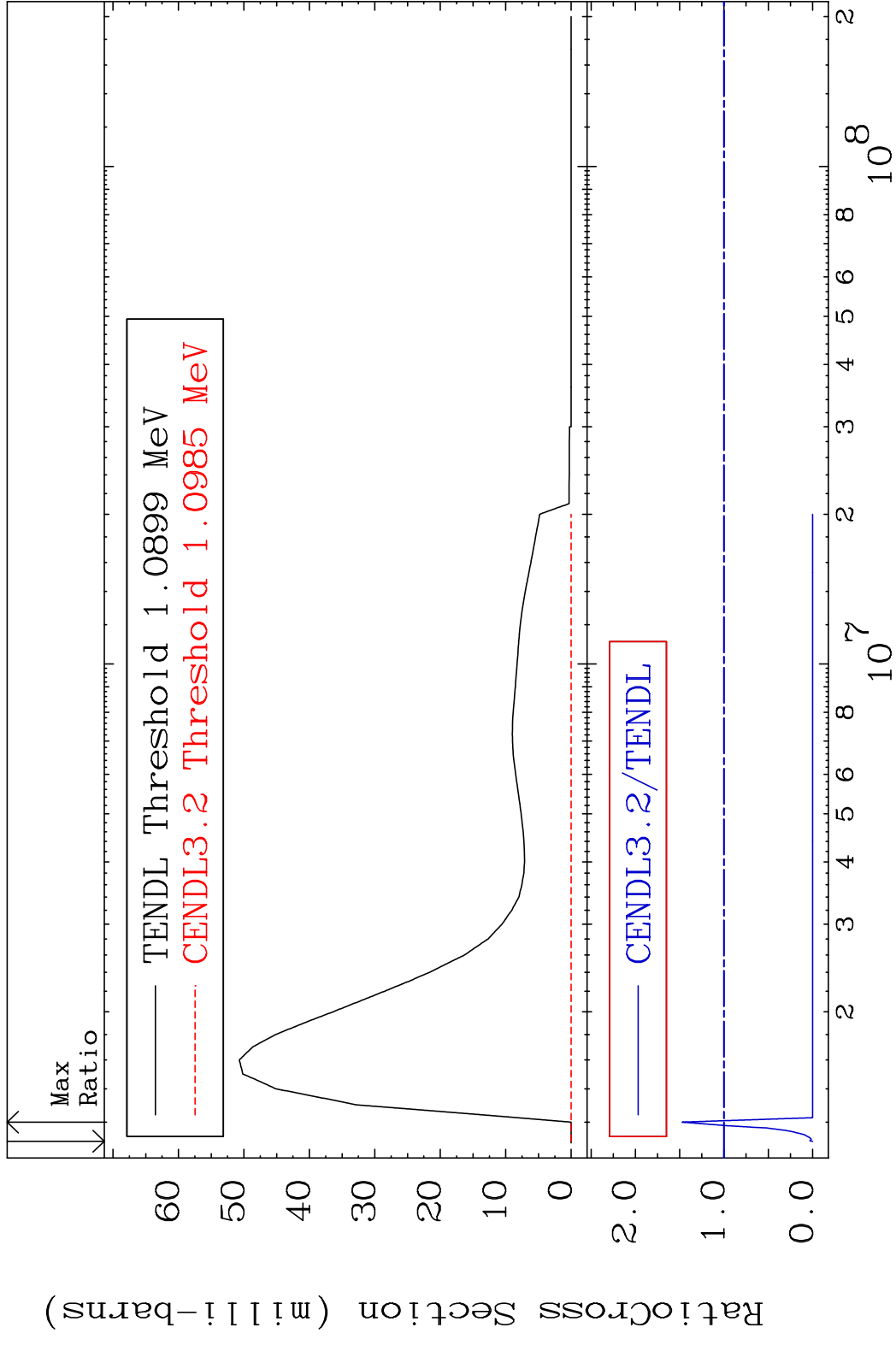


26 Incident Energy (eV) 92-U -236

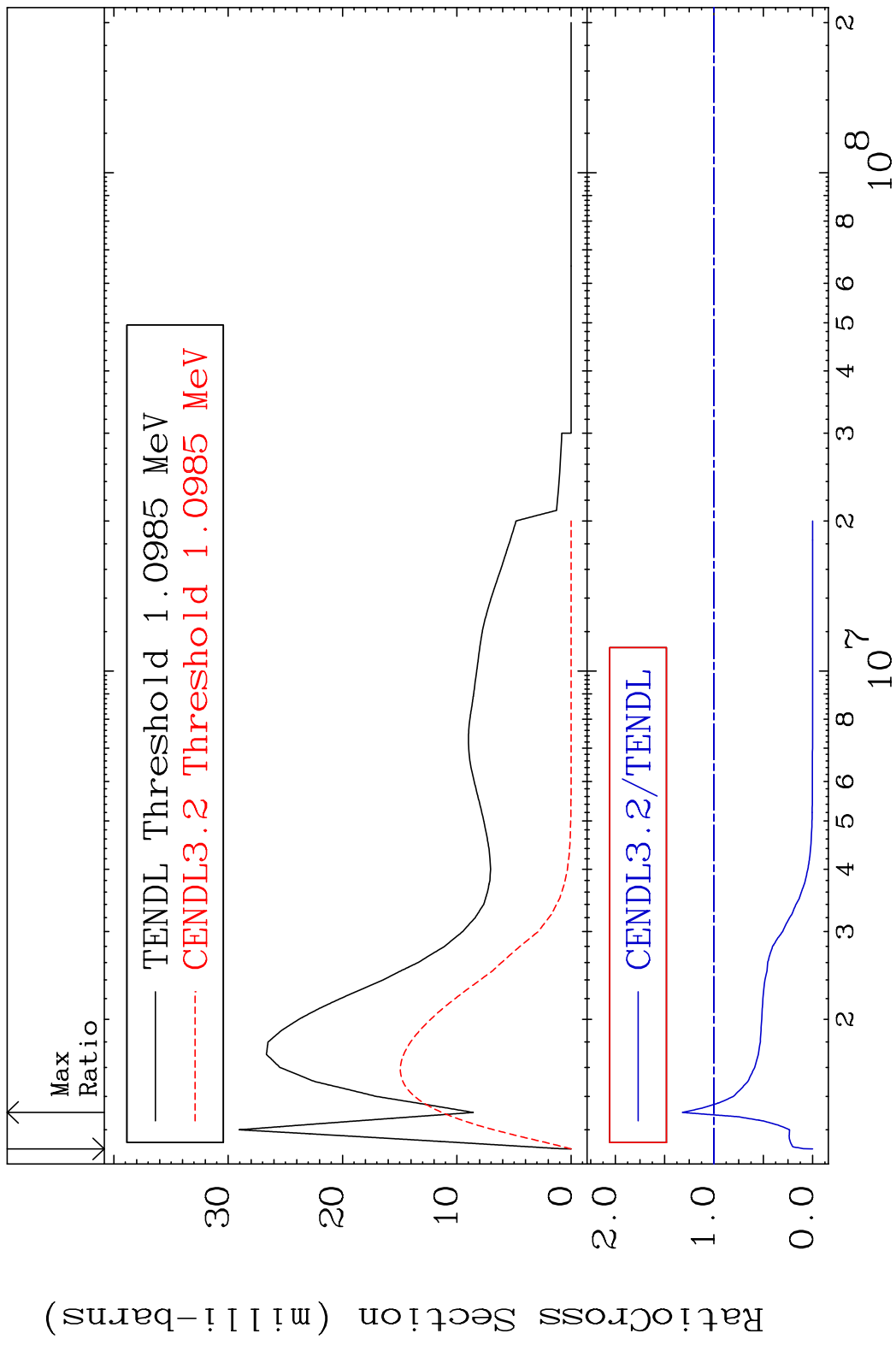
MAT 9231 MT= 71 (n, n') Level 92-U -236
 Cross Section -100.0 To 9999. %



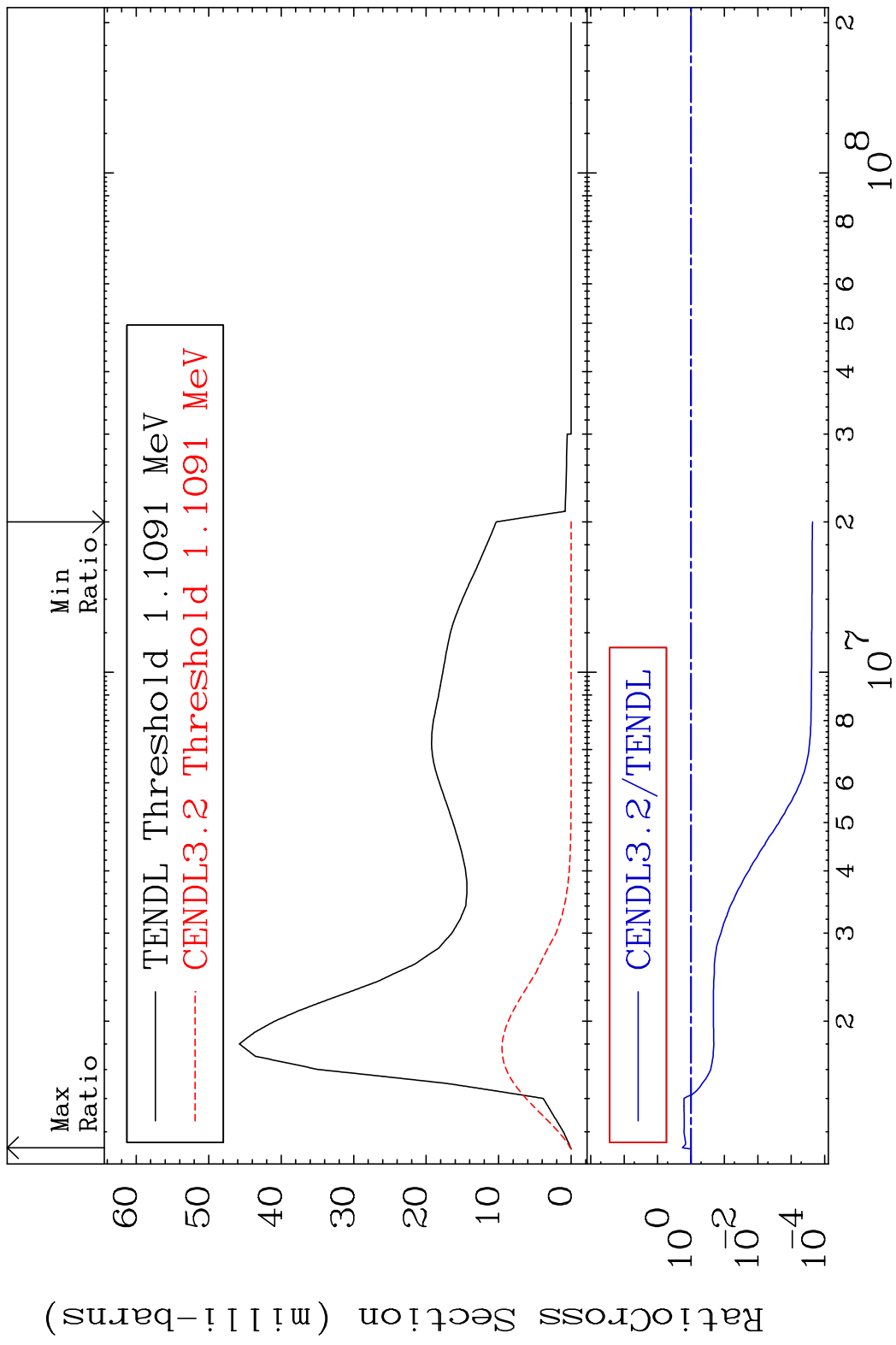
MAT 9231 MT= 72 (n, n') Level 92-U -236
 Cross Section -100.0 To 46.97 %



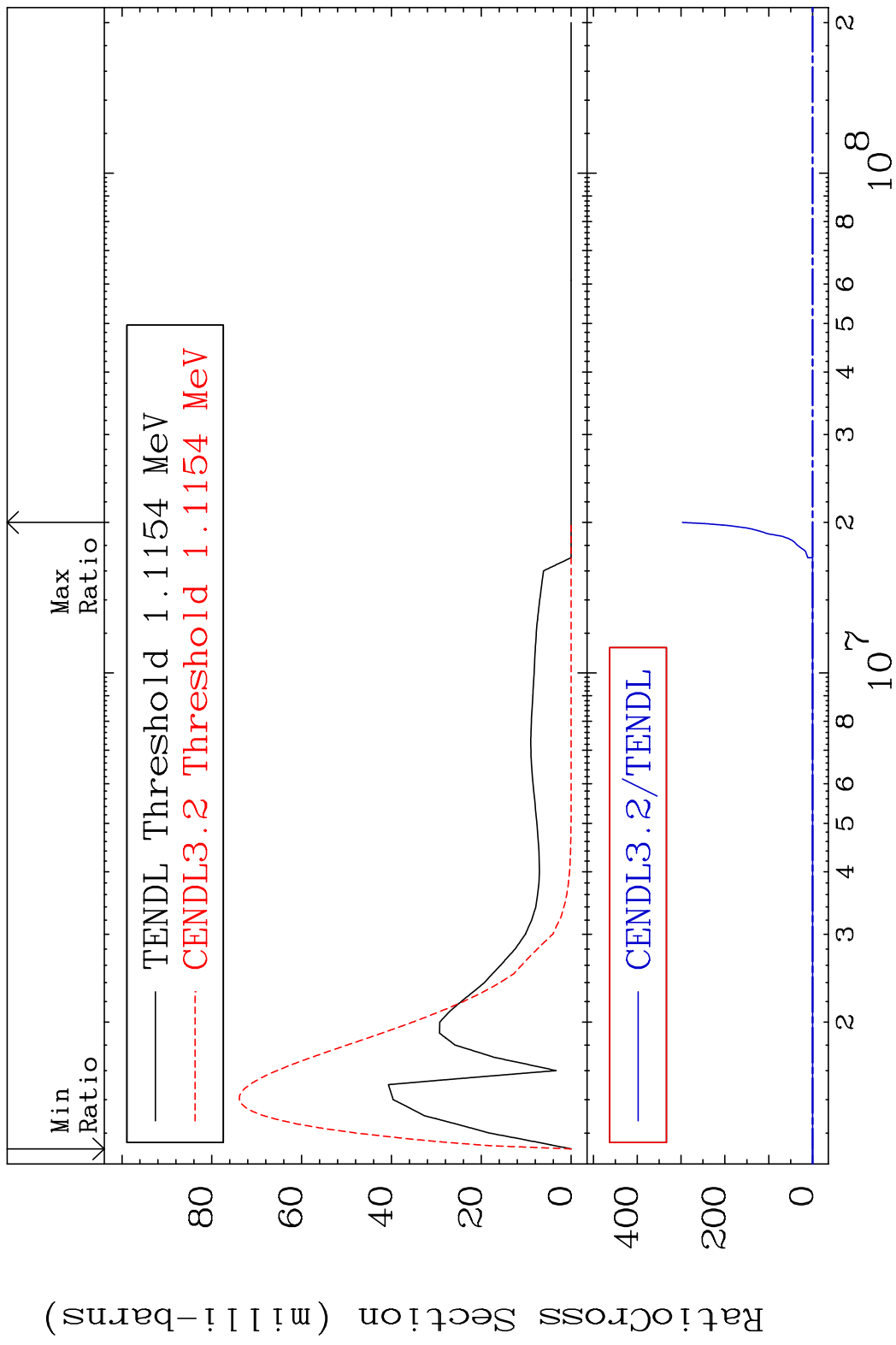
MAT 9231 MT= 73 (n,n') Level 92-U -236
 Cross Section -100.0 To 32.05 %



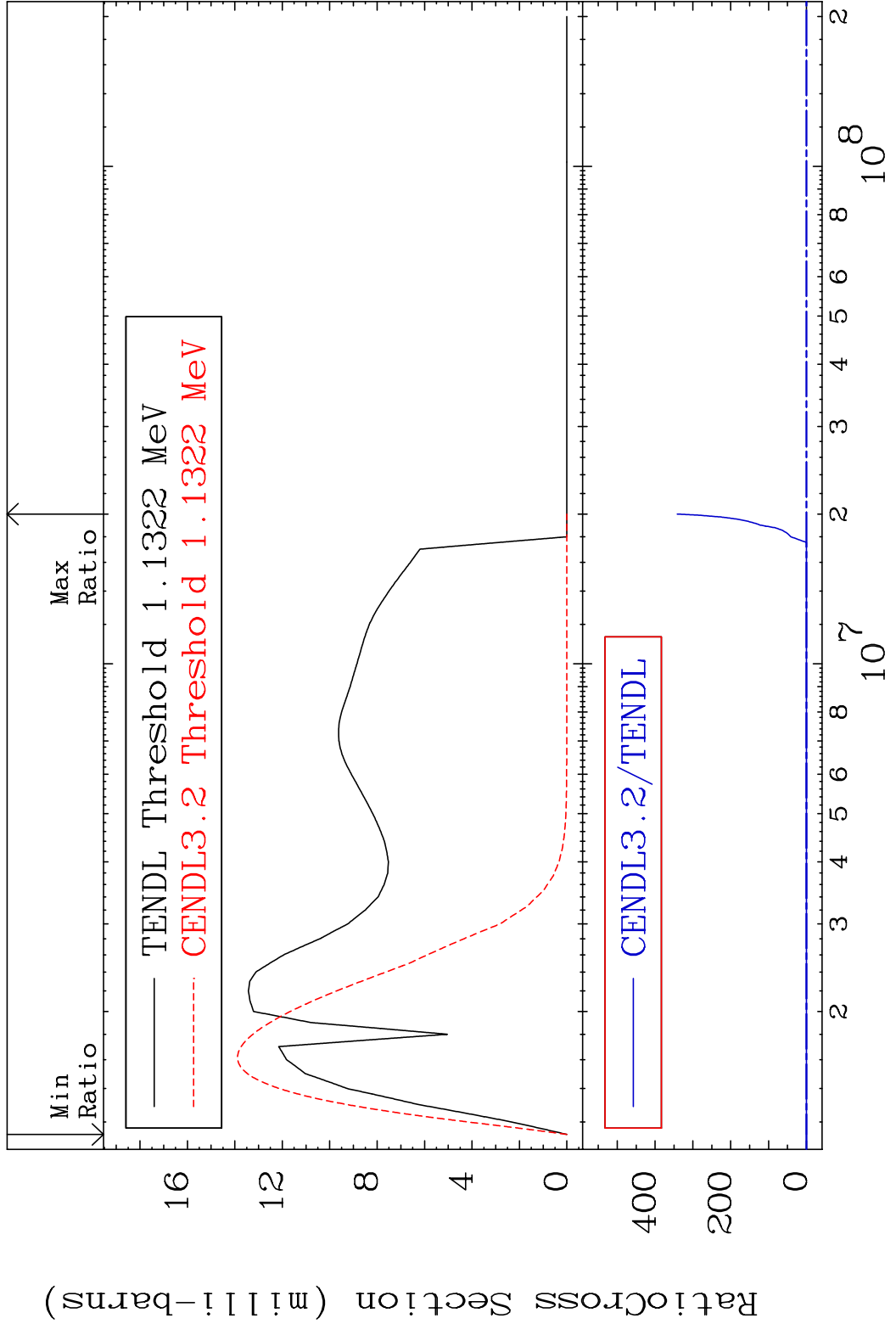
MAT 9231 MT= 74 (n, n') Level 92-U -236
 Cross Section -99.98 To 81.66 %



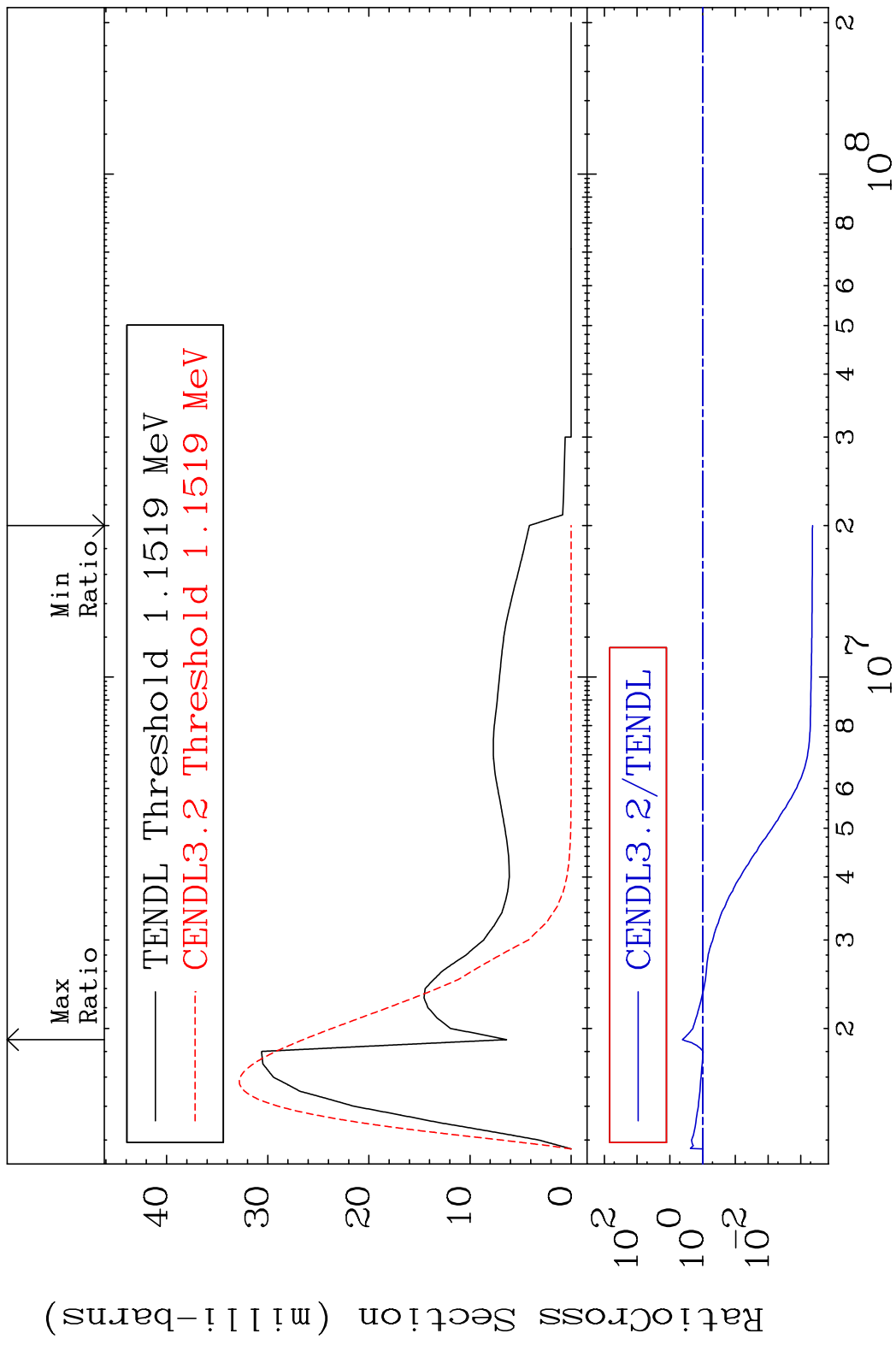
MAT 9231 MT= 75 (n,n') Level 92-U -236
 Cross Section -100.0 To 9999. %



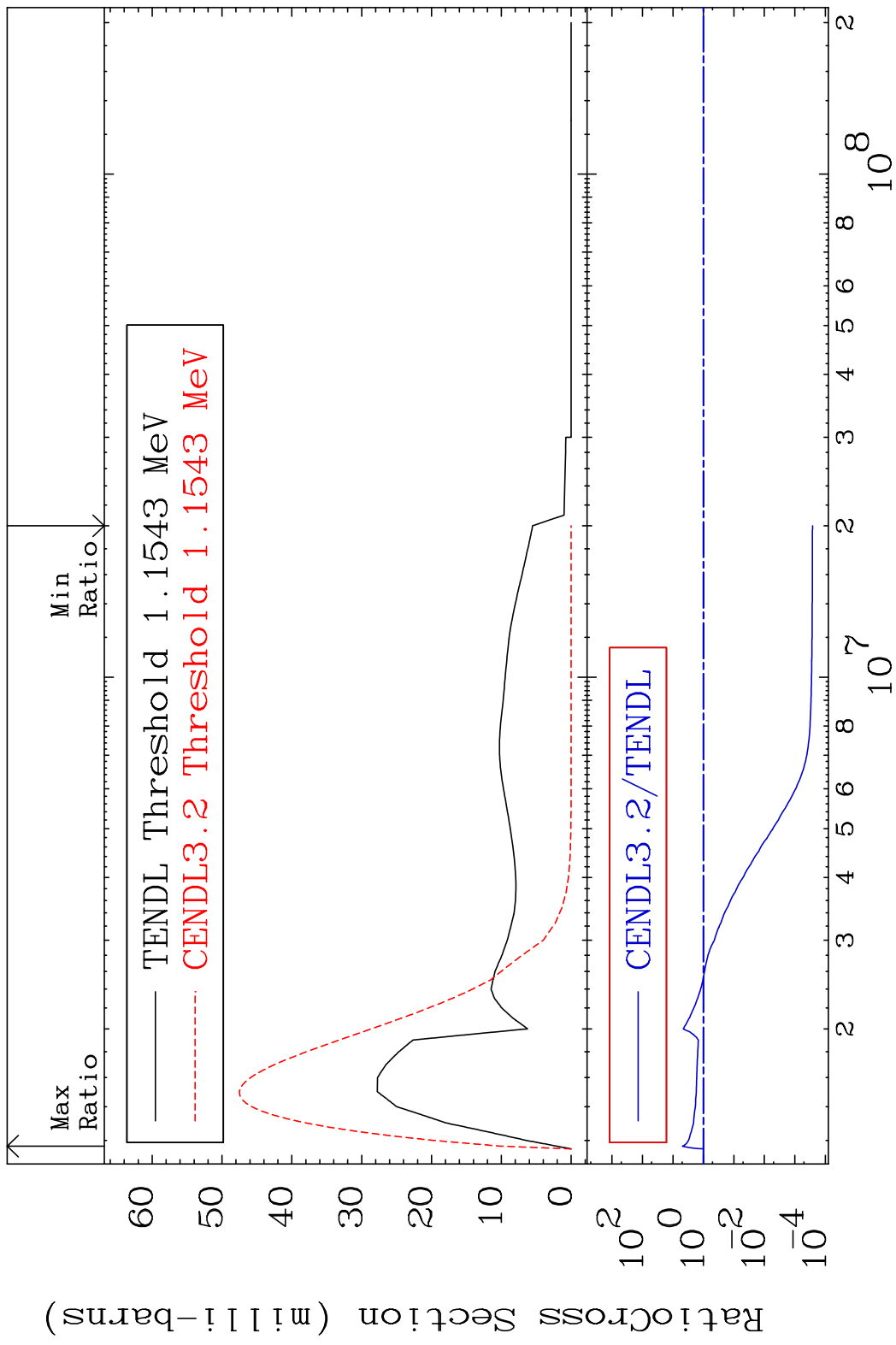
MAT 9231 MT= 76 (n, n') Level 92-U -236
 Cross Section -100.0 To 9999. %



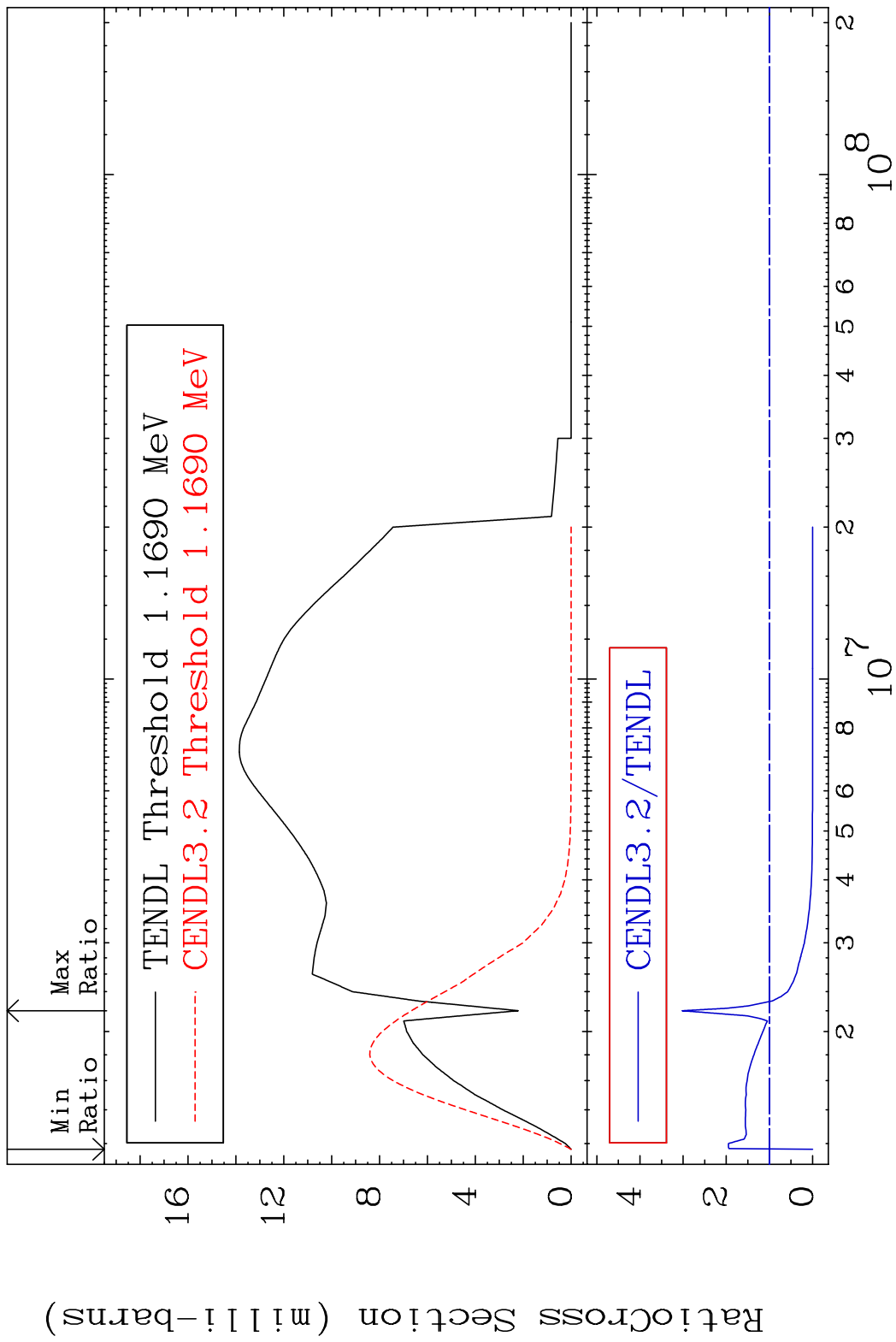
MAT 9231 MT= 77 (n, n') Level 92-U -236
 Cross Section -99.96 To 314.7 %



MAT 9231 MT= 78 (n, n') Level 92-U -236
 Cross Section -99.97 To 391.3 %

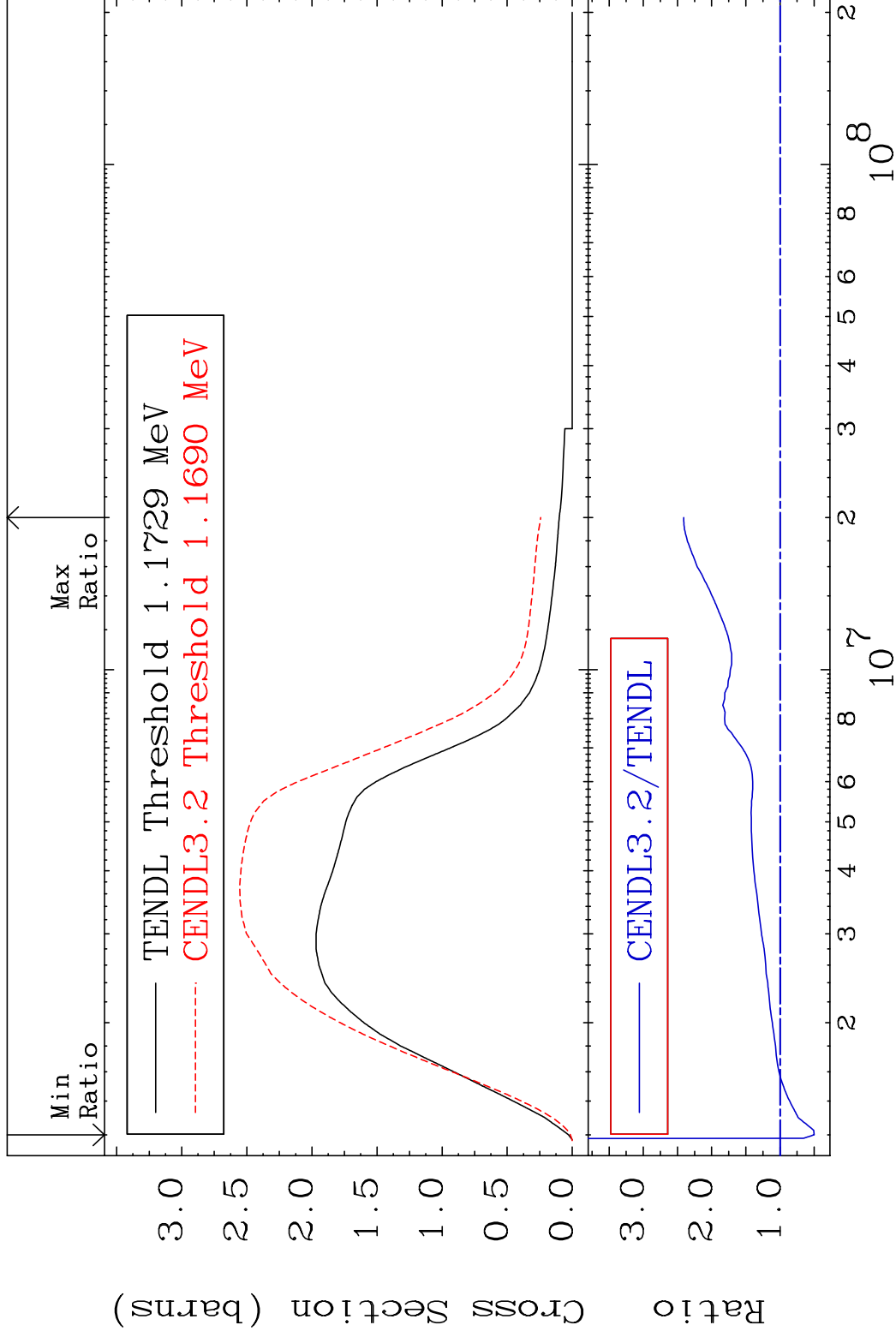


MAT 9231 MT= 79 (n, n') Level 92-U -236
 Cross Section -100.0 To 201.7 %



MAT 9231

(n, n') Continuum 92-U -236
Cross Section -49.83 To 141.0 %



36

Incident Energy (eV)

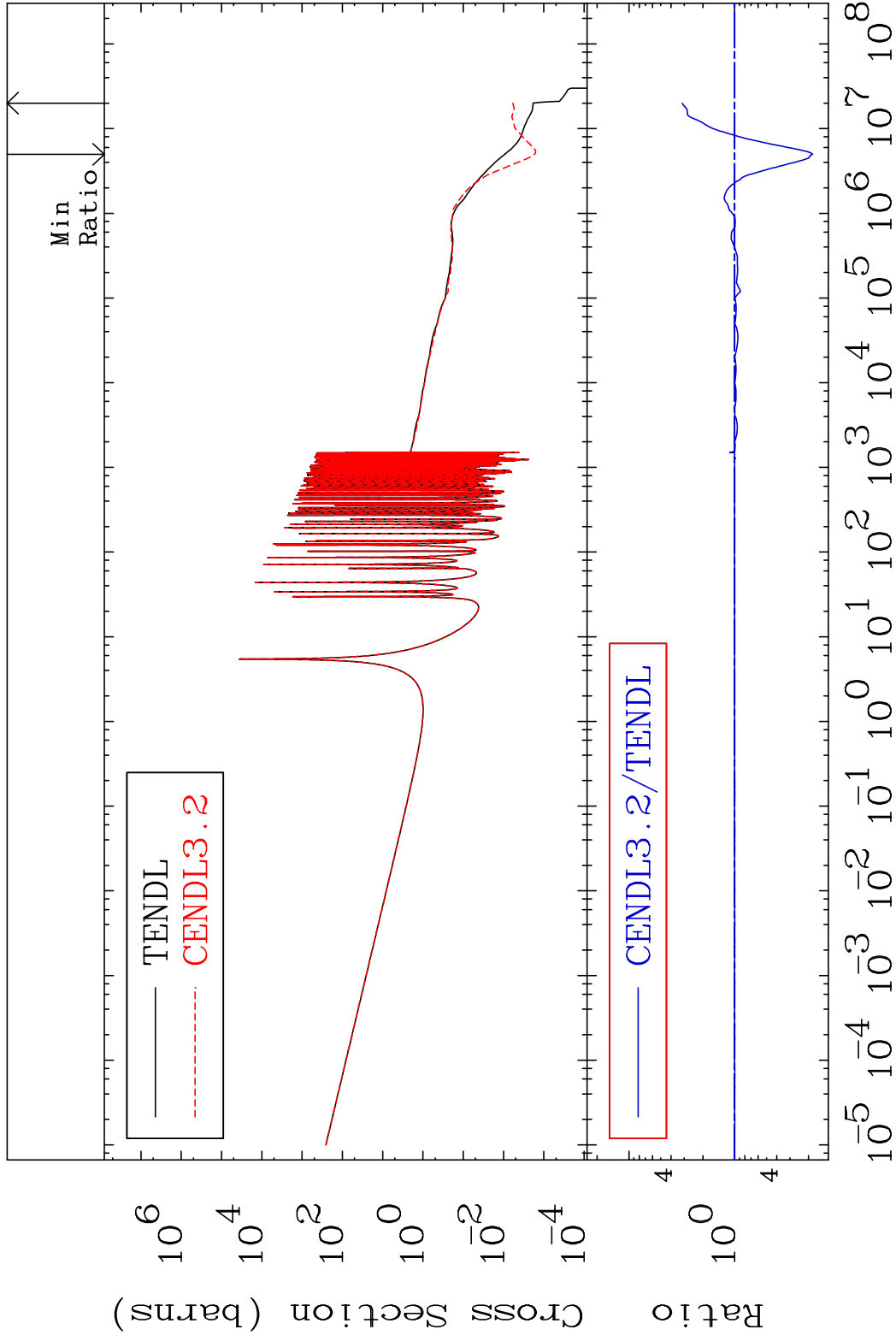
92-U -236

MAT 9231

(n, γ)

92-U -236

Cross Section -81.67 To 212.8 %



37

Incident Energy (eV)

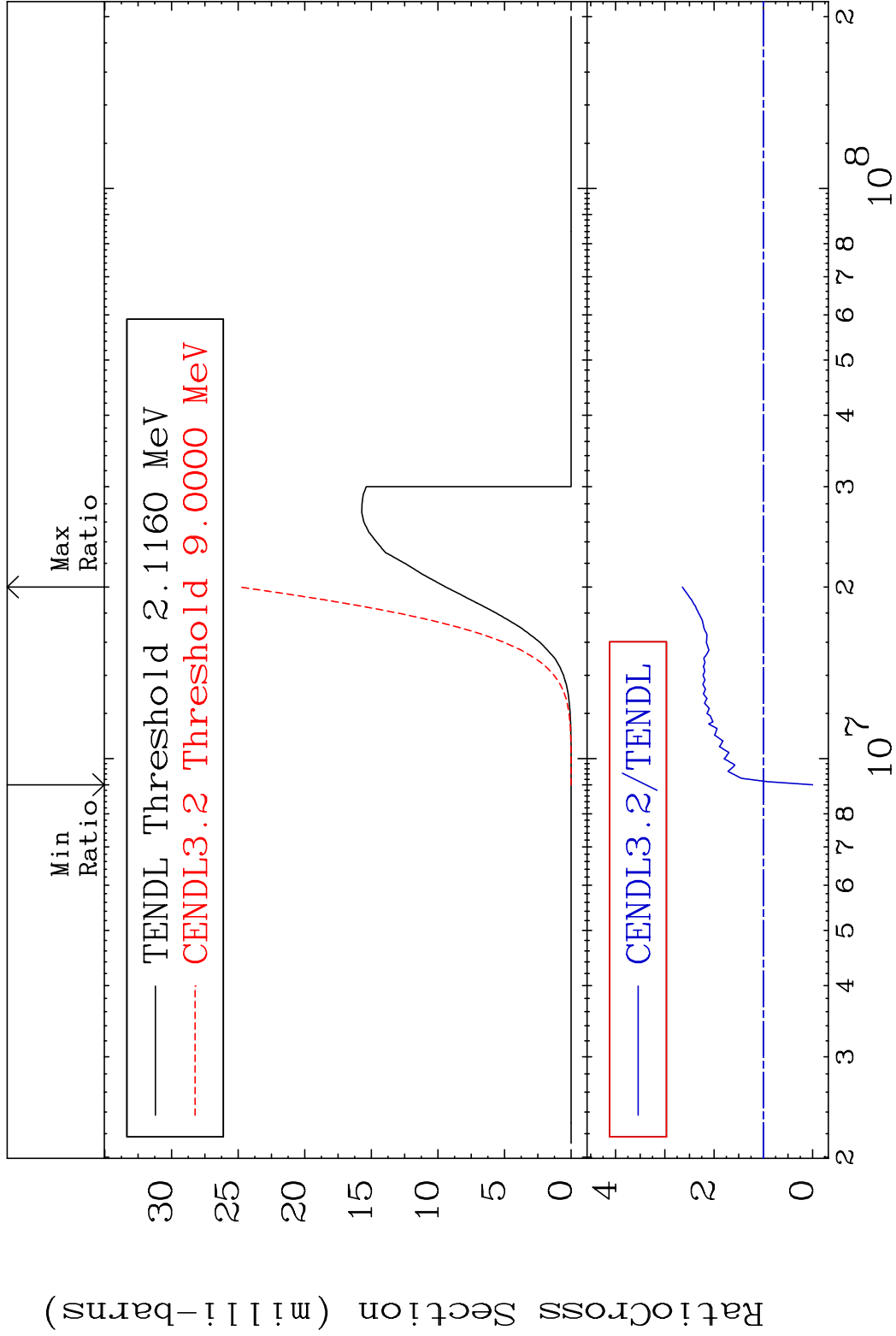
92-U -236

MAT 9231

(n, p)

92-U -236

Cross Section -100.0 To 164.2 %



38

Incident Energy (eV)

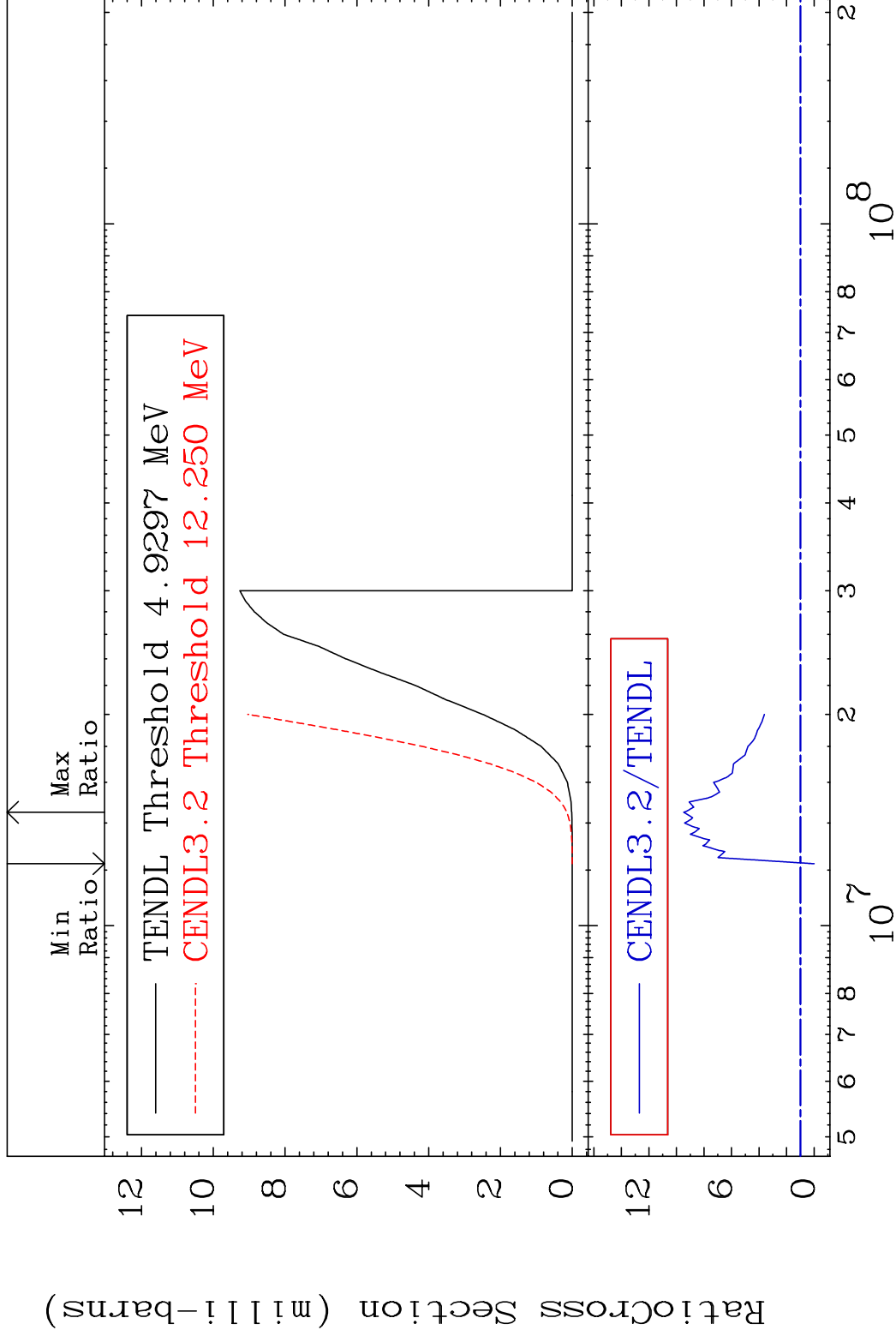
92-U -236

MAT 9231

(n,d)

92-U -236

Cross Section -100.0 To 847.7 %



39

Incident Energy (eV)

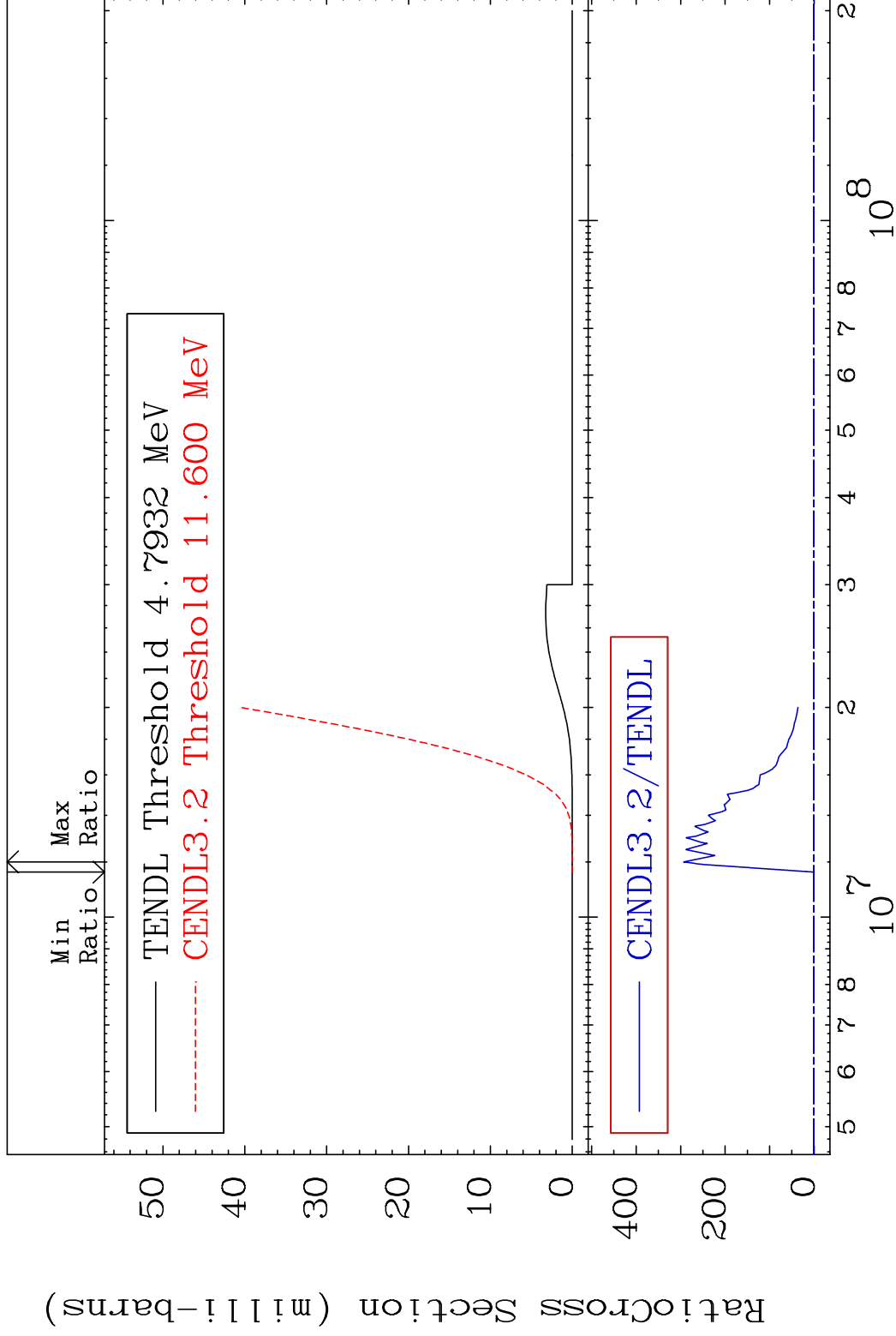
92-U -236

MAT 9231

(n, t)

92-U -236

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

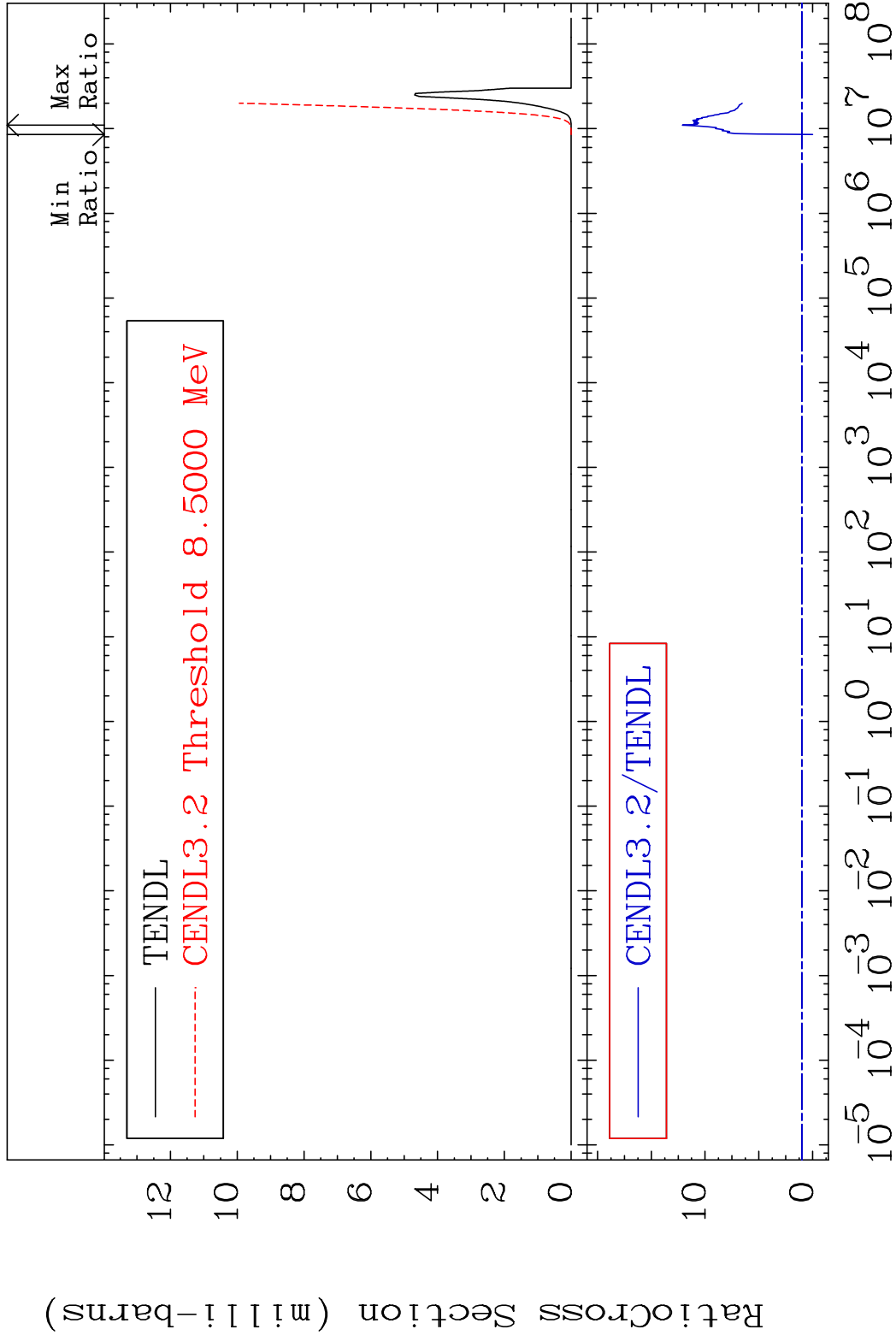
92-U -236

MAT 9231

(n, α)

92-U -236

Cross Section -100.0 To 1111. %



41

Incident Energy (eV)

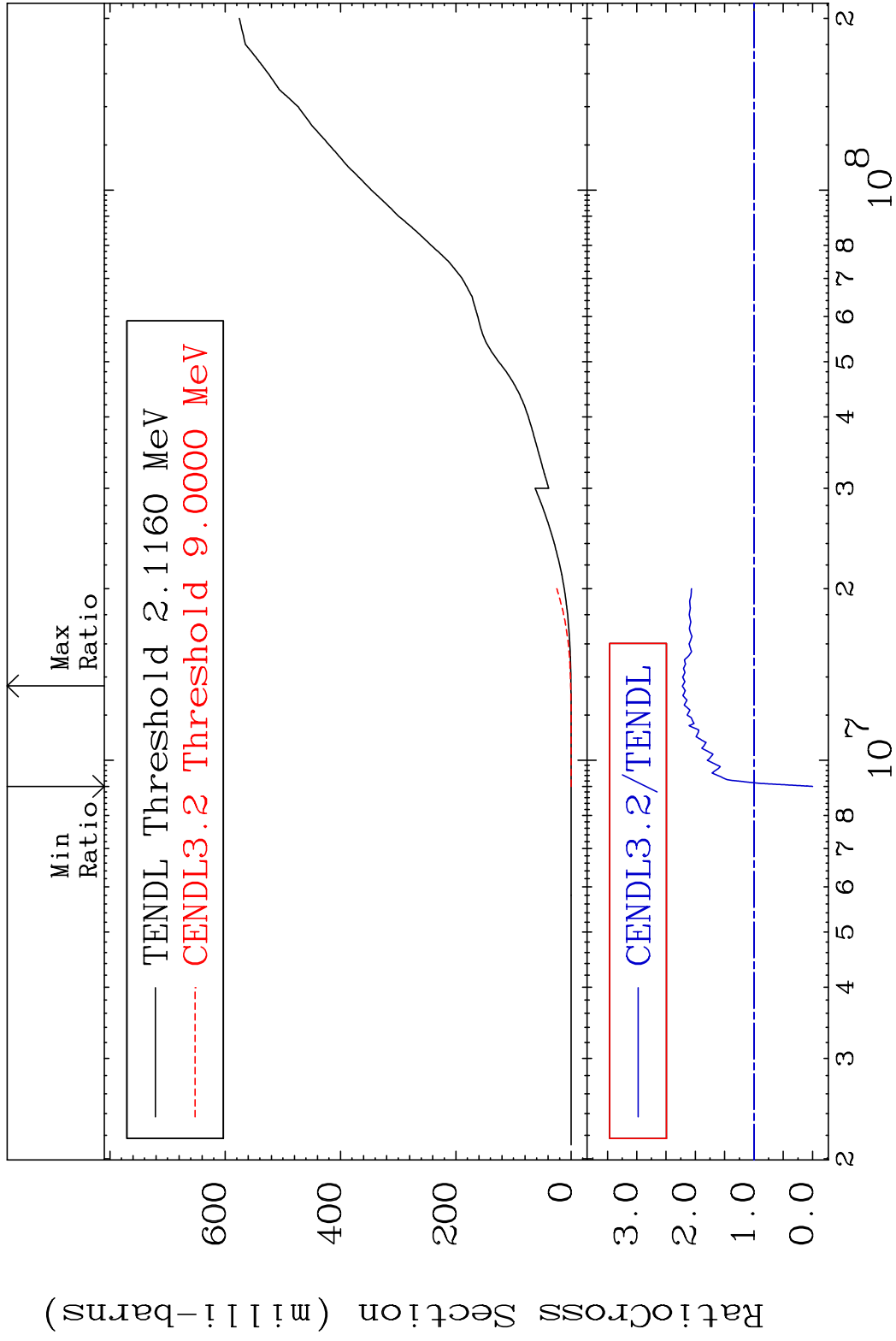
92-U -236

MAT 9231

Hydrogen Production

92-U -236

Cross Section -100.0 To 122.2 %



42

Incident Energy (eV)

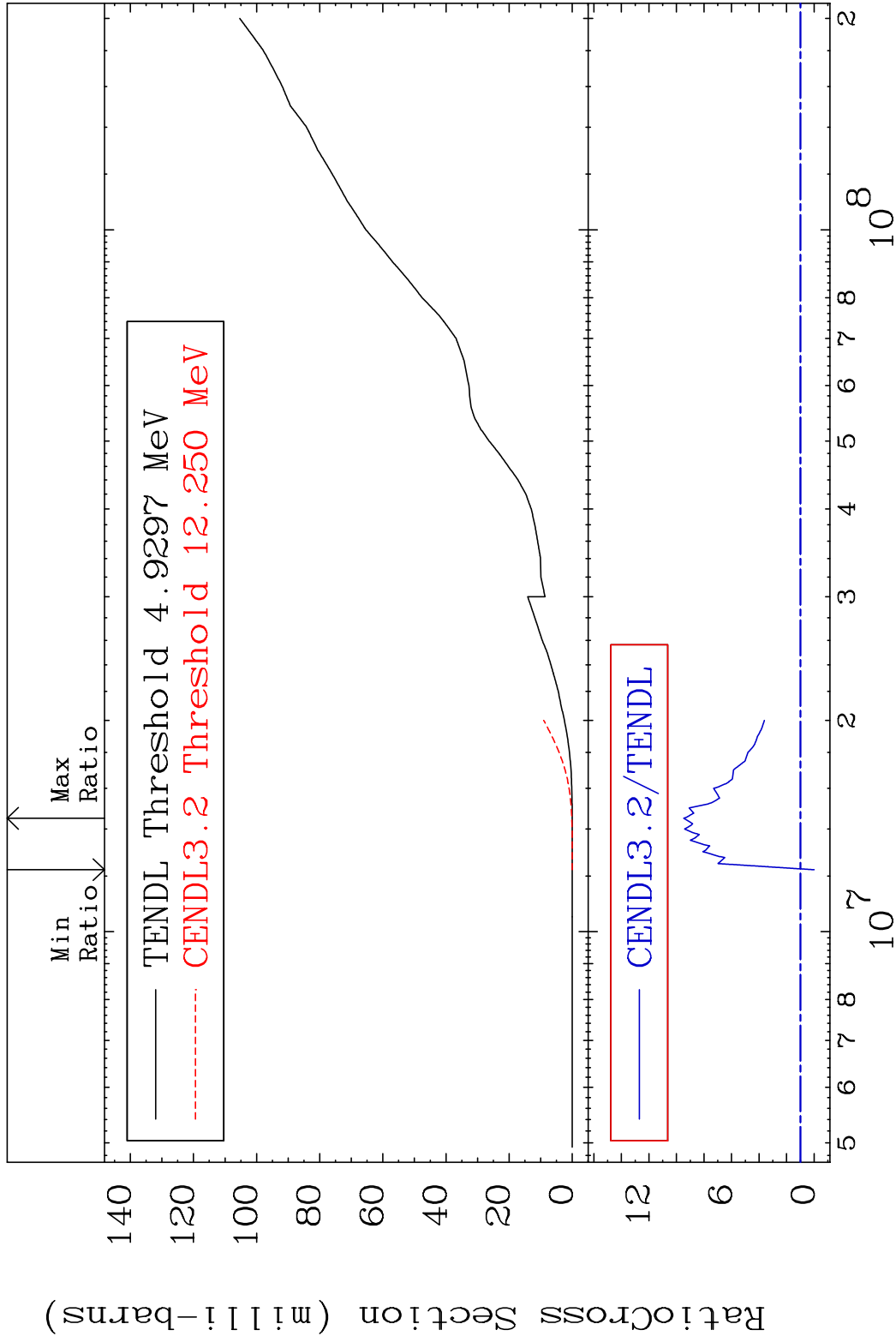
92-U -236

MAT 9231

Deuterium Production

92-U -236

Cross Section -100.0 To 847.7 %



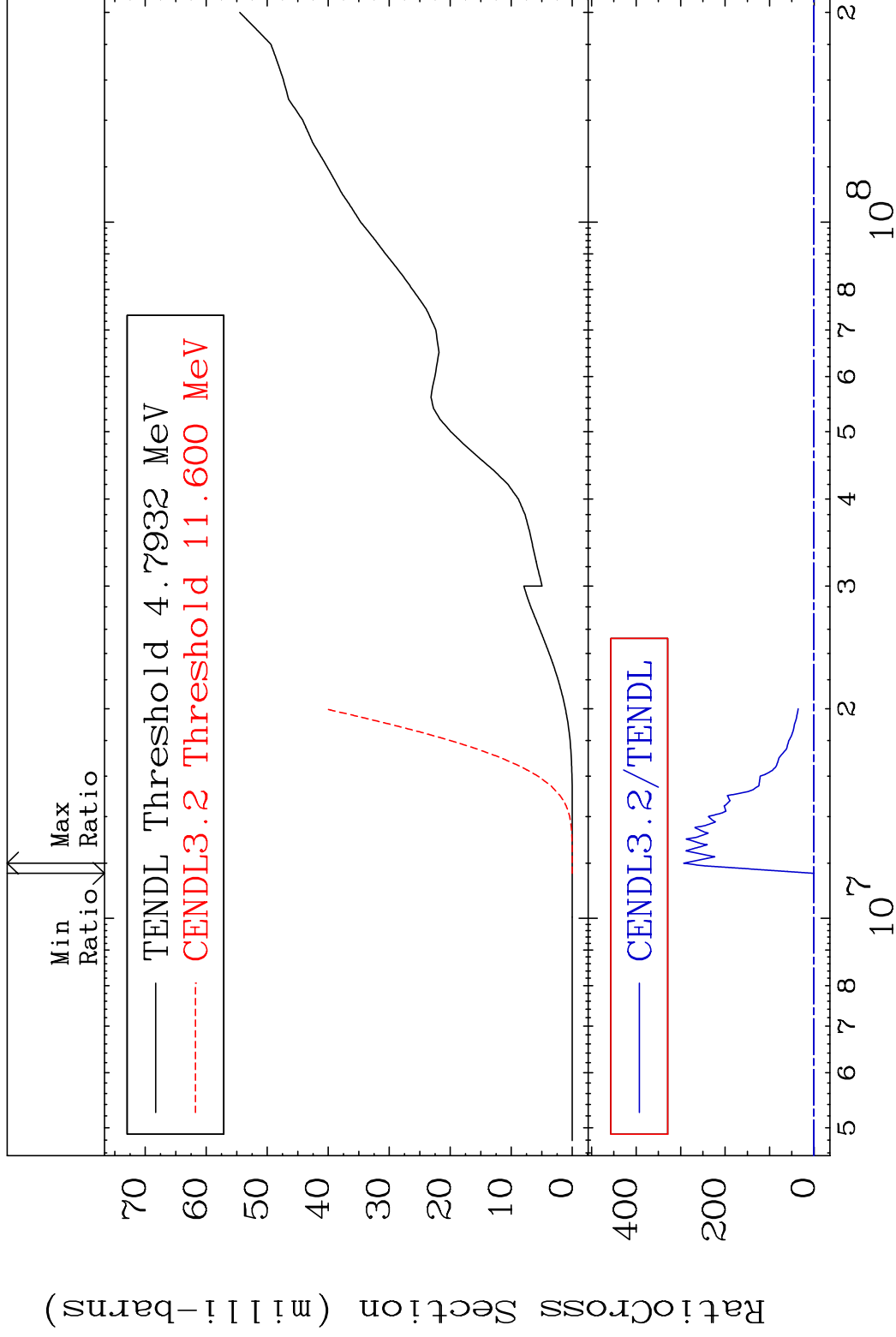
43

Incident Energy (eV)

92-U -236

MAT 9231

Tritium Production 92-U -236
Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

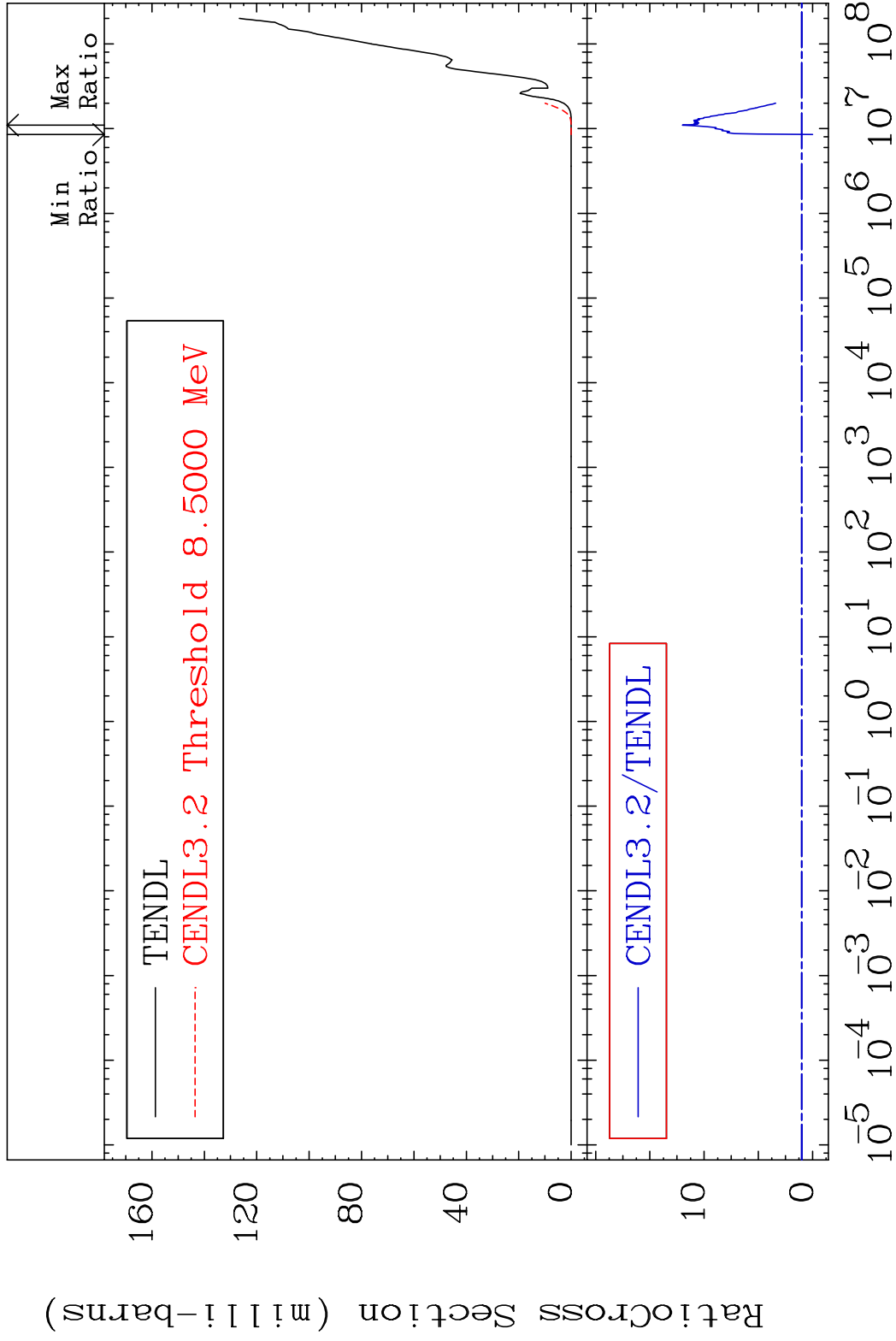
92-U -236

MAT 9231

He-4 Production

92-U -236

Cross Section -100.0 To 1101. %

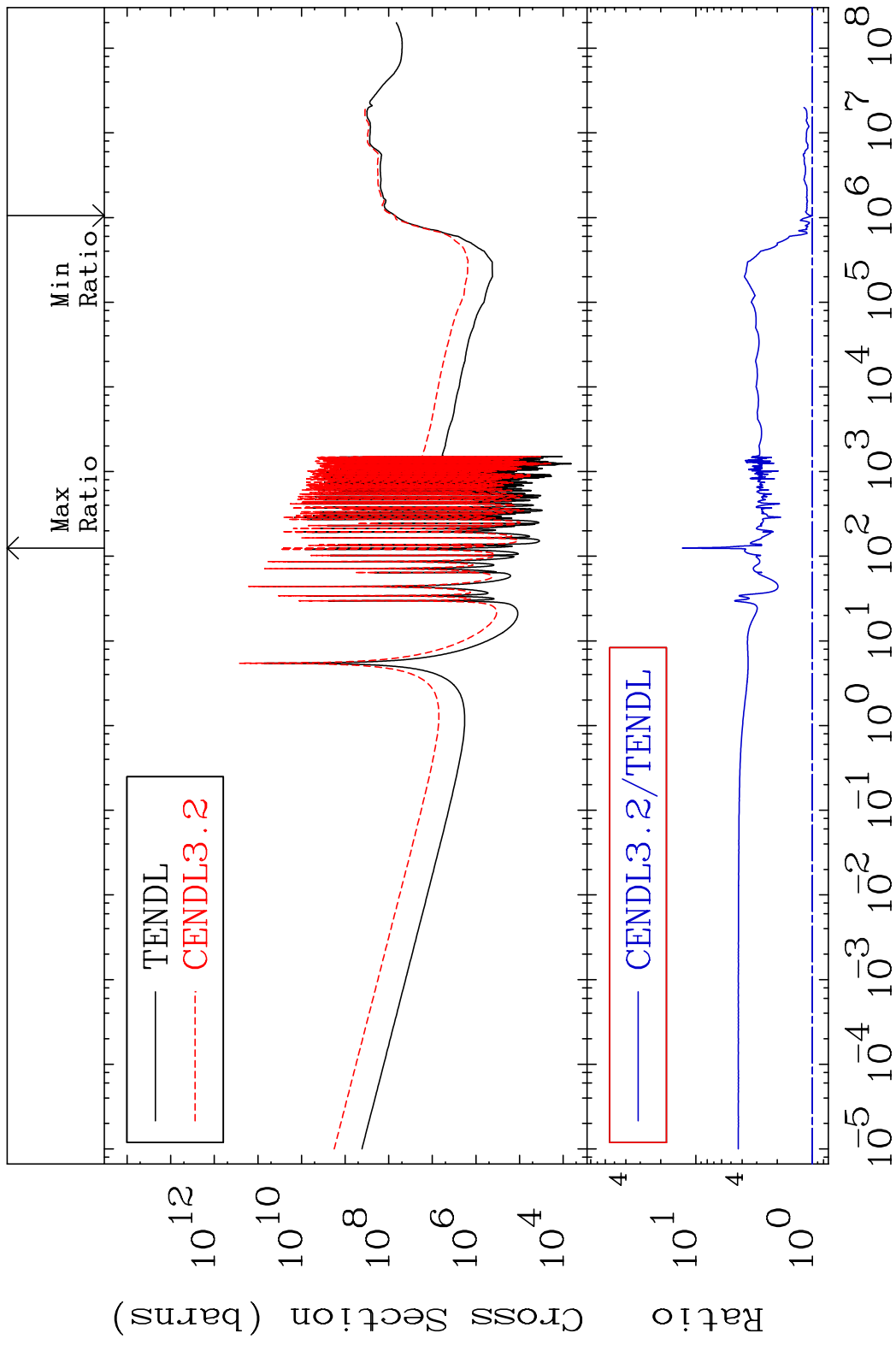


45

Incident Energy (eV)

92-U -236

MAT 9231 Kerma total (eV-barns) 92-U -236
 Cross Section -0.404 To 1206. %



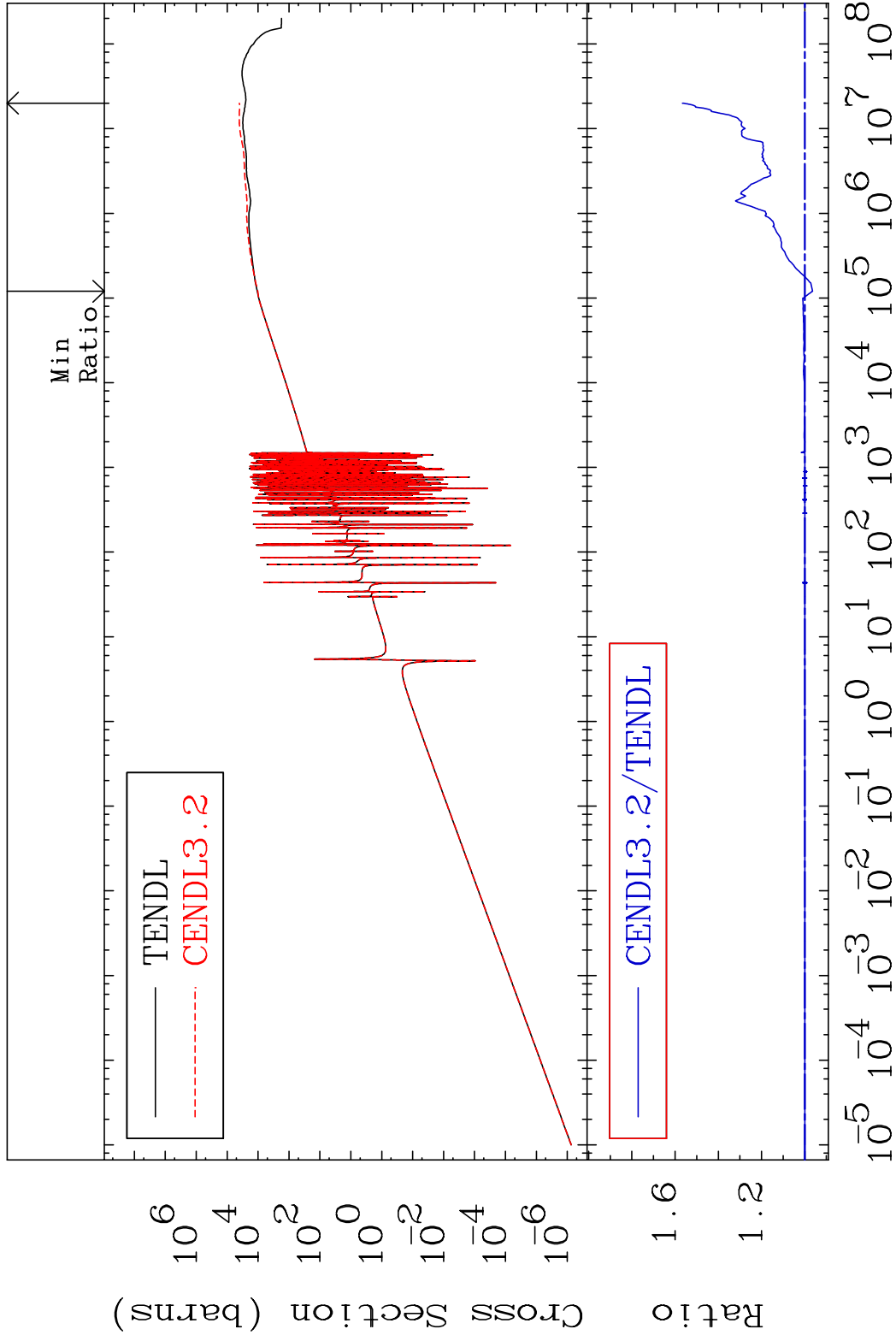
46 Incident Energy (eV) 92-U -236

MAT 9231

Kerma elastic

92-U -236

Cross Section -3.596 To 56.63 %

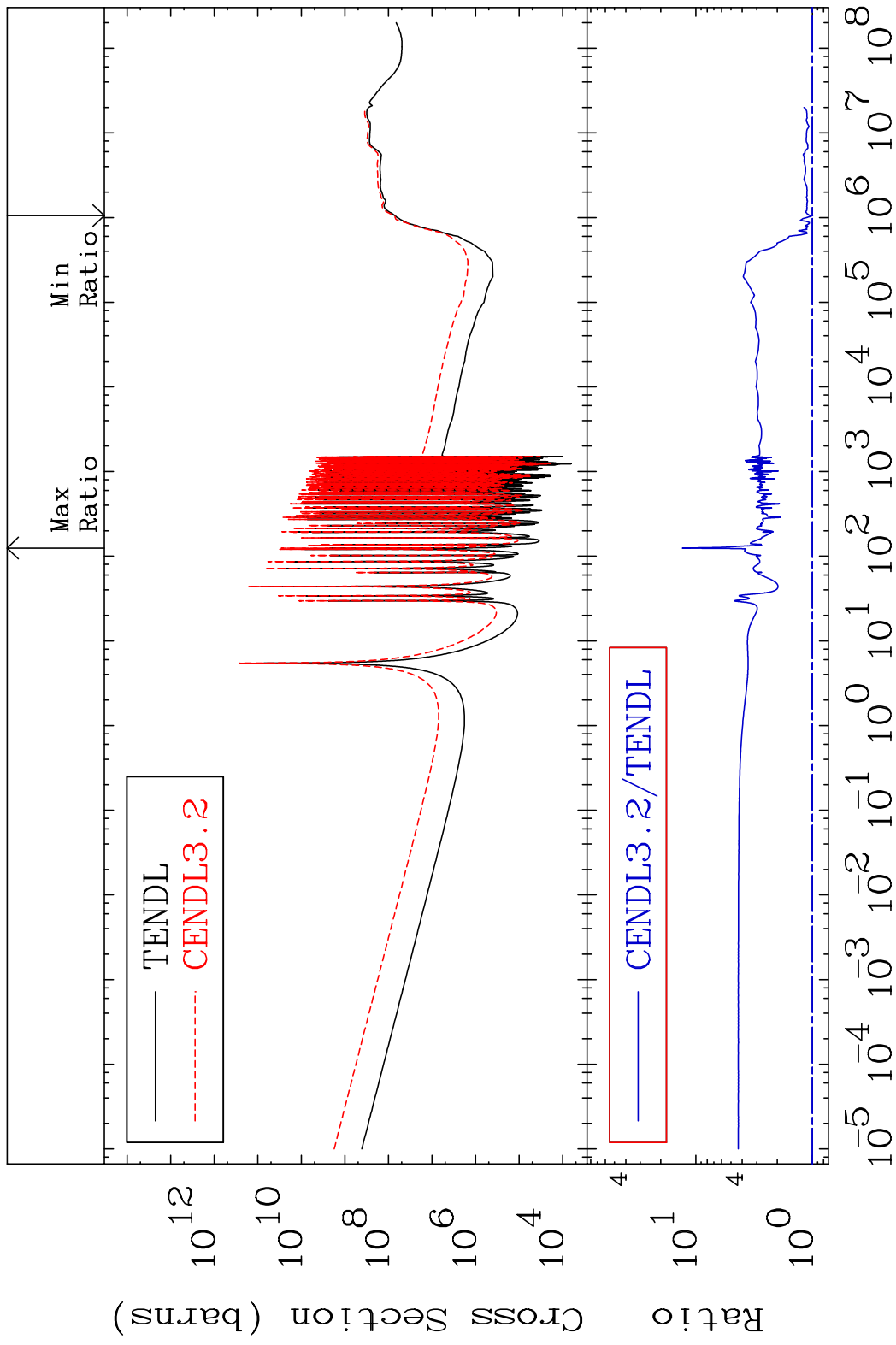


47

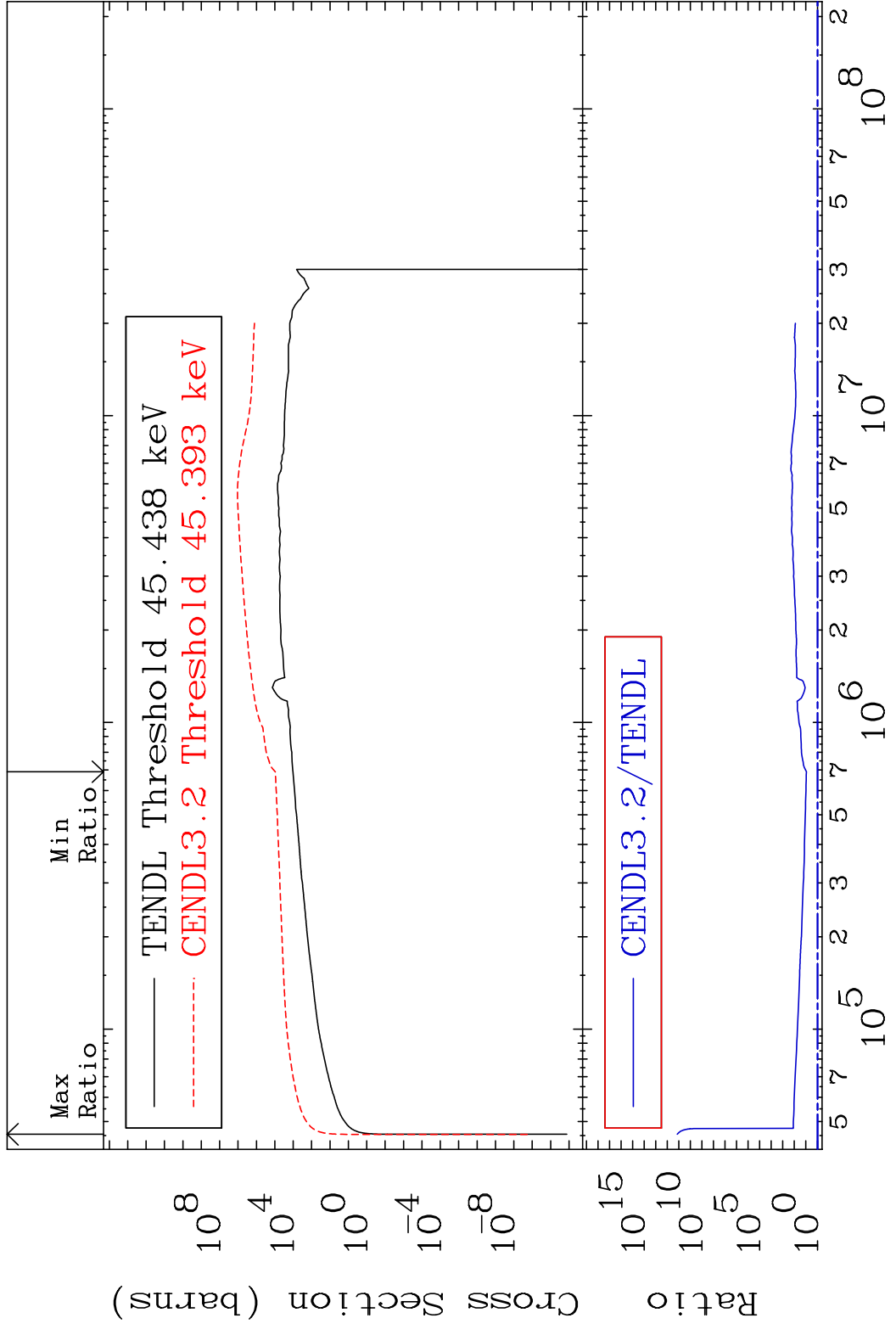
Incident Energy (eV)

92-U -236

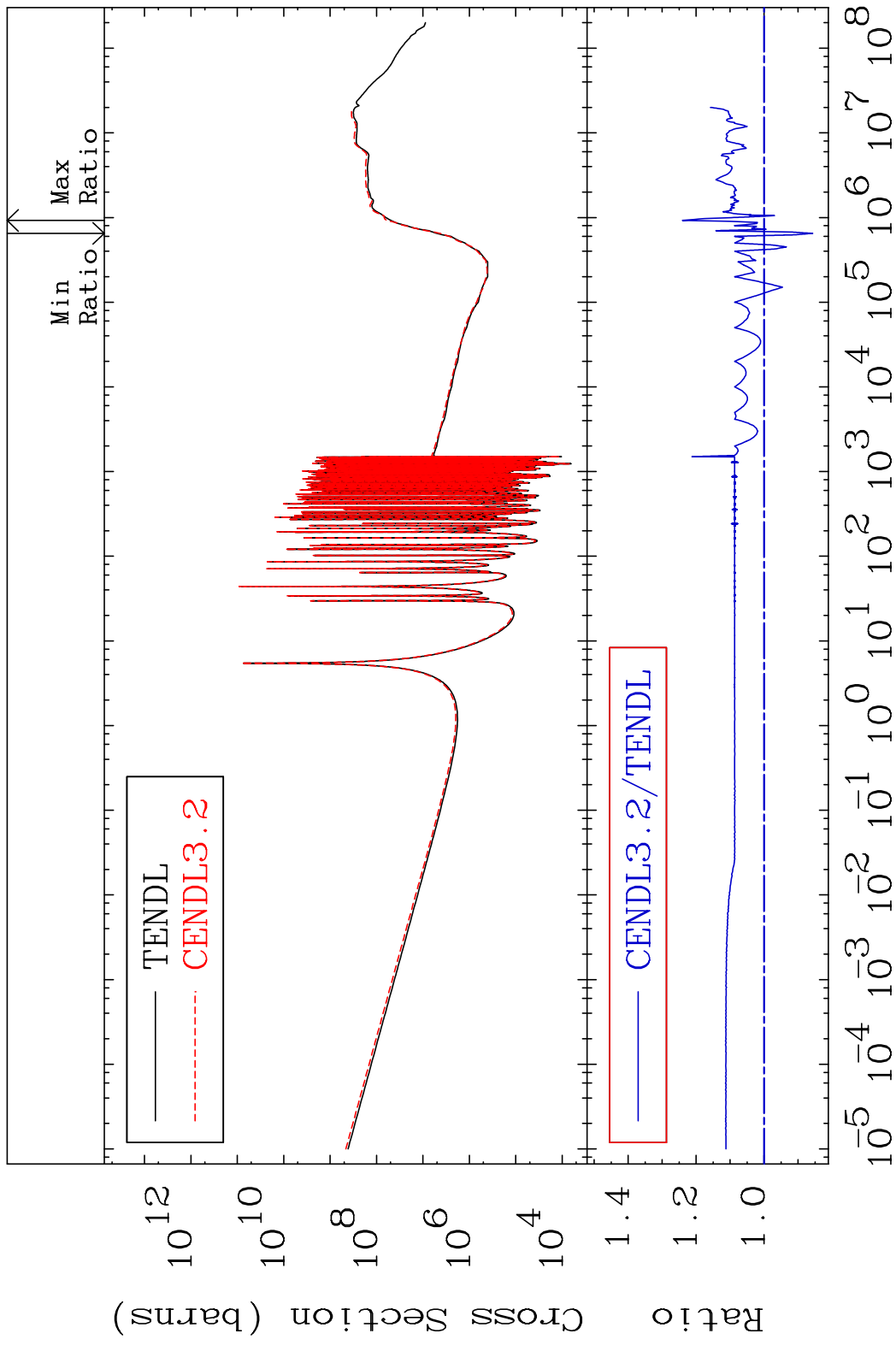
MAT 9231 Kerma non-elastic (all but mt2) 92-U -236
 Cross Section -0.409 To 1206. %



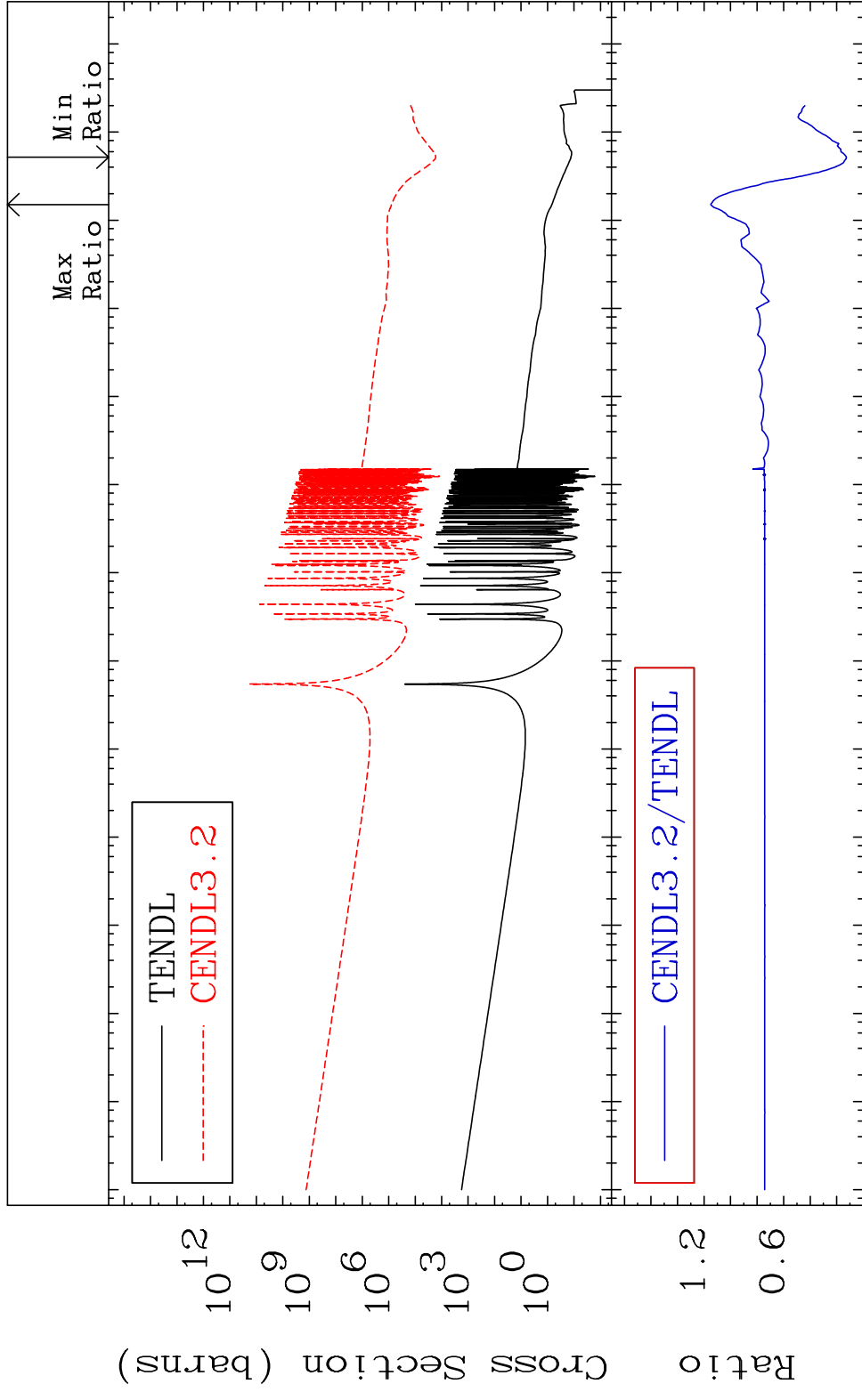
MAT 9231 Kerma inelastic (mt51-91) 92-U -236
 Cross Section 801.9 To 9999. %



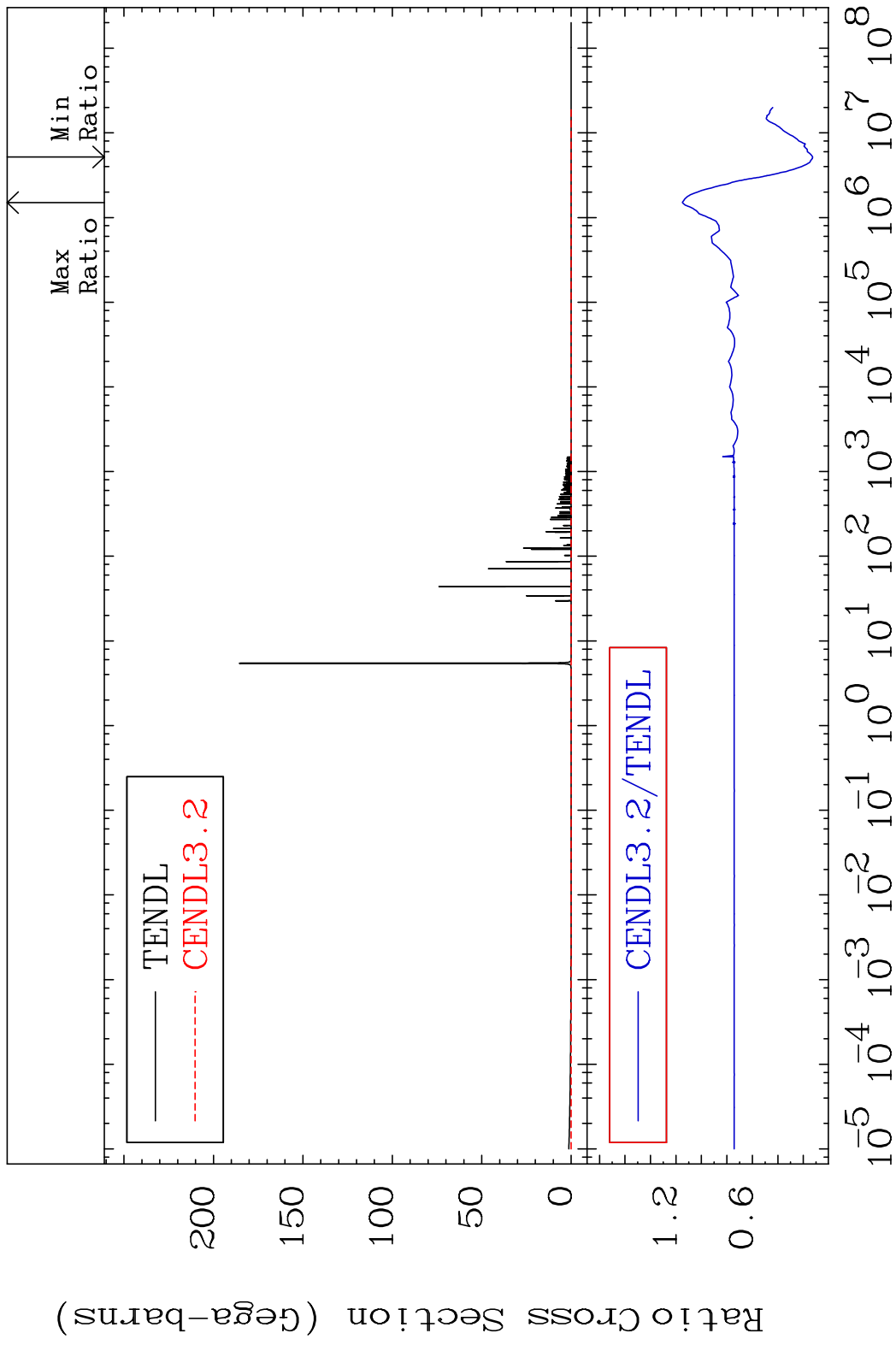
MAT 9231 Kerma fission (mt18 or mt19-20-21-38)2-U -236
 Cross Section -14.26 To 24.06 %



MAT 9231 Kerma capture (mt102) 92-U -236
 Cross Section 9999. To 9999. %

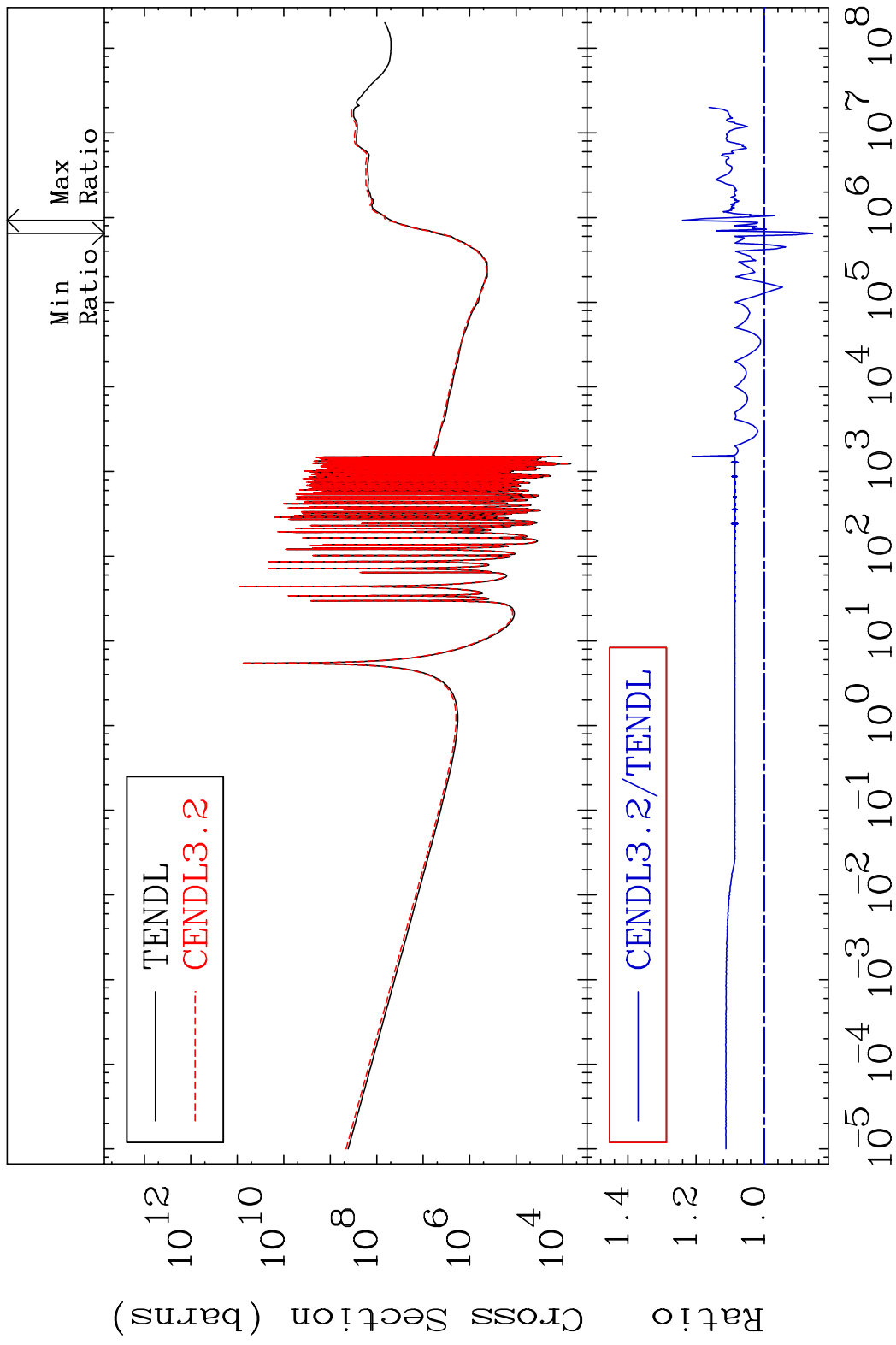


MAT 9231 Total photon (eV-barns) 92-U -236
 Cross Section 9999. To 9999. %

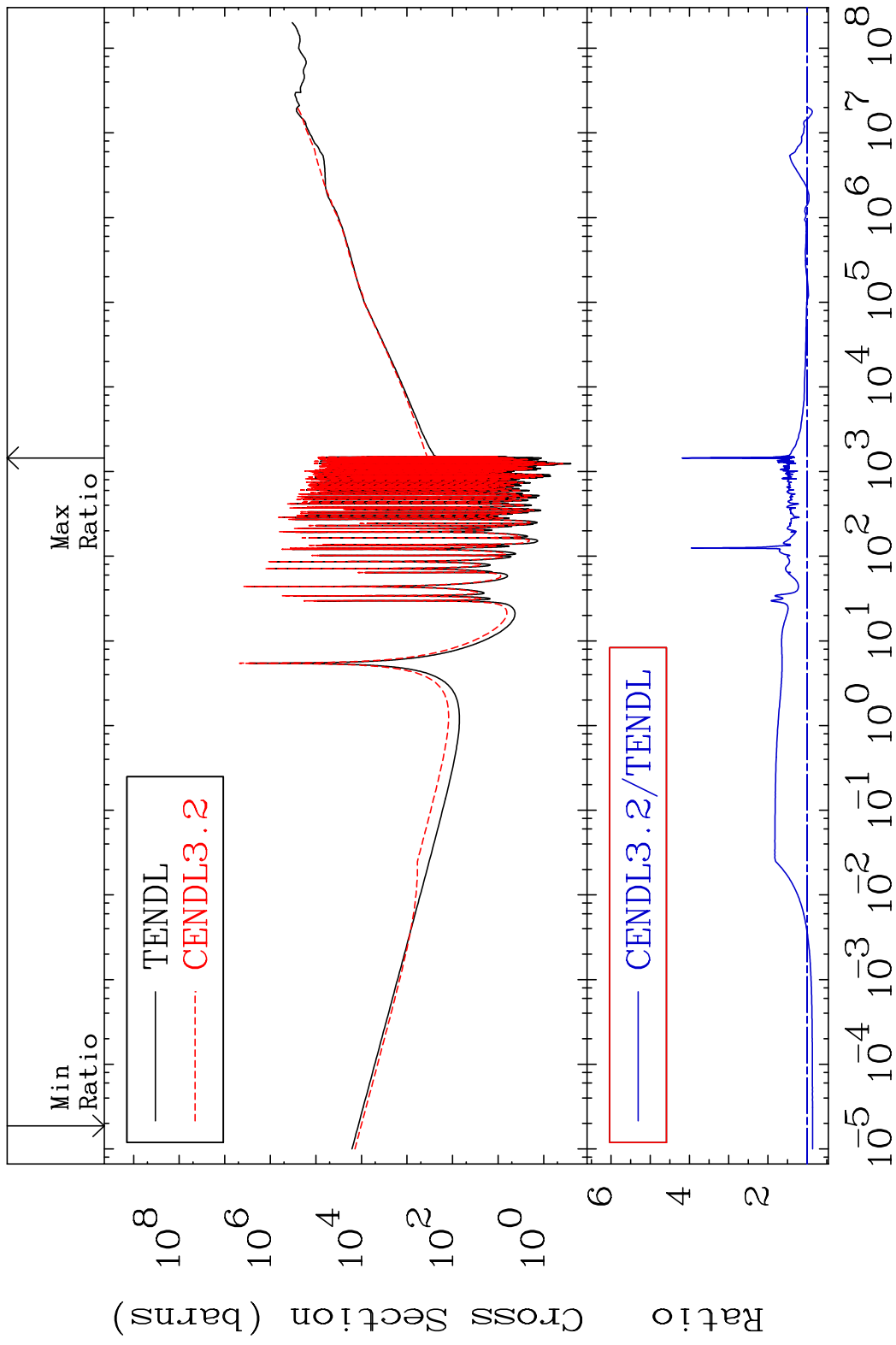


52 Incident Energy (eV) 92-U -236

MAT 9231 Total kinematic kerma (high limit) 92-U -236
 Cross Section -14.16 To 24.05 %



MAT 9231 Dpa total (eV-barns) 92-U -236
 Cross Section -13.777 To 318.0 %

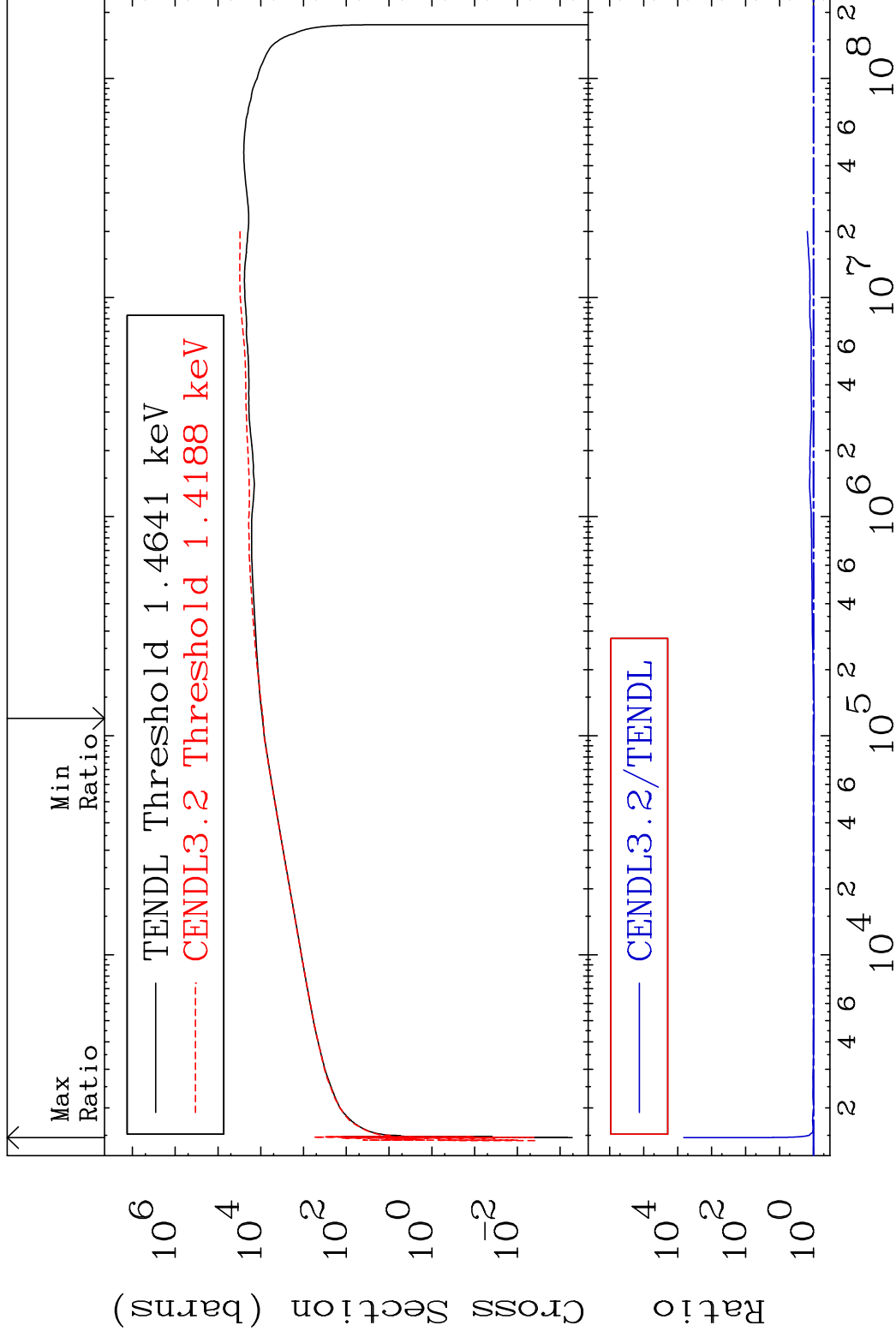


MAT 9231

Dpa elastic (mt2)

92-U -236

Cross Section -3.573 To 9999. %

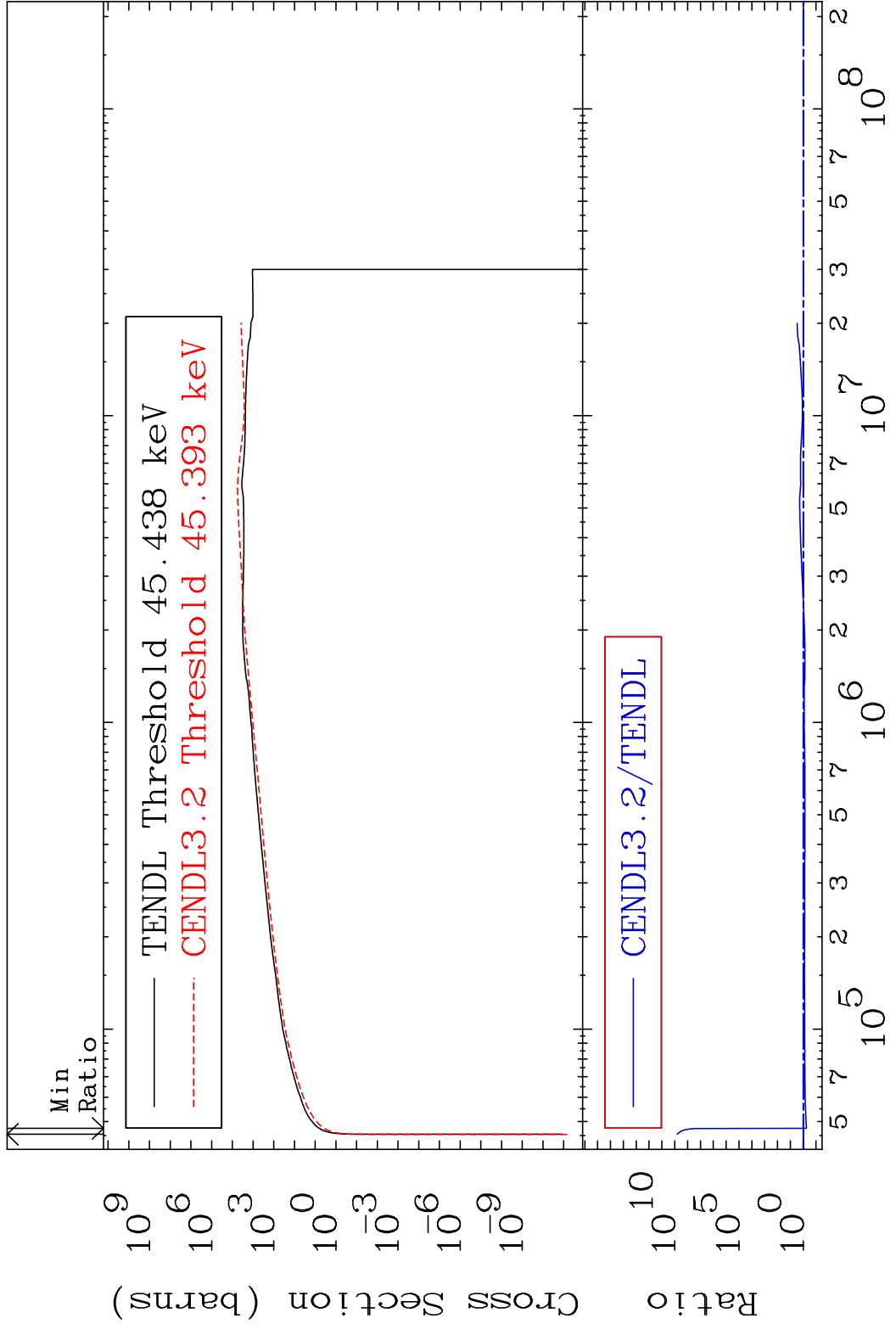


55

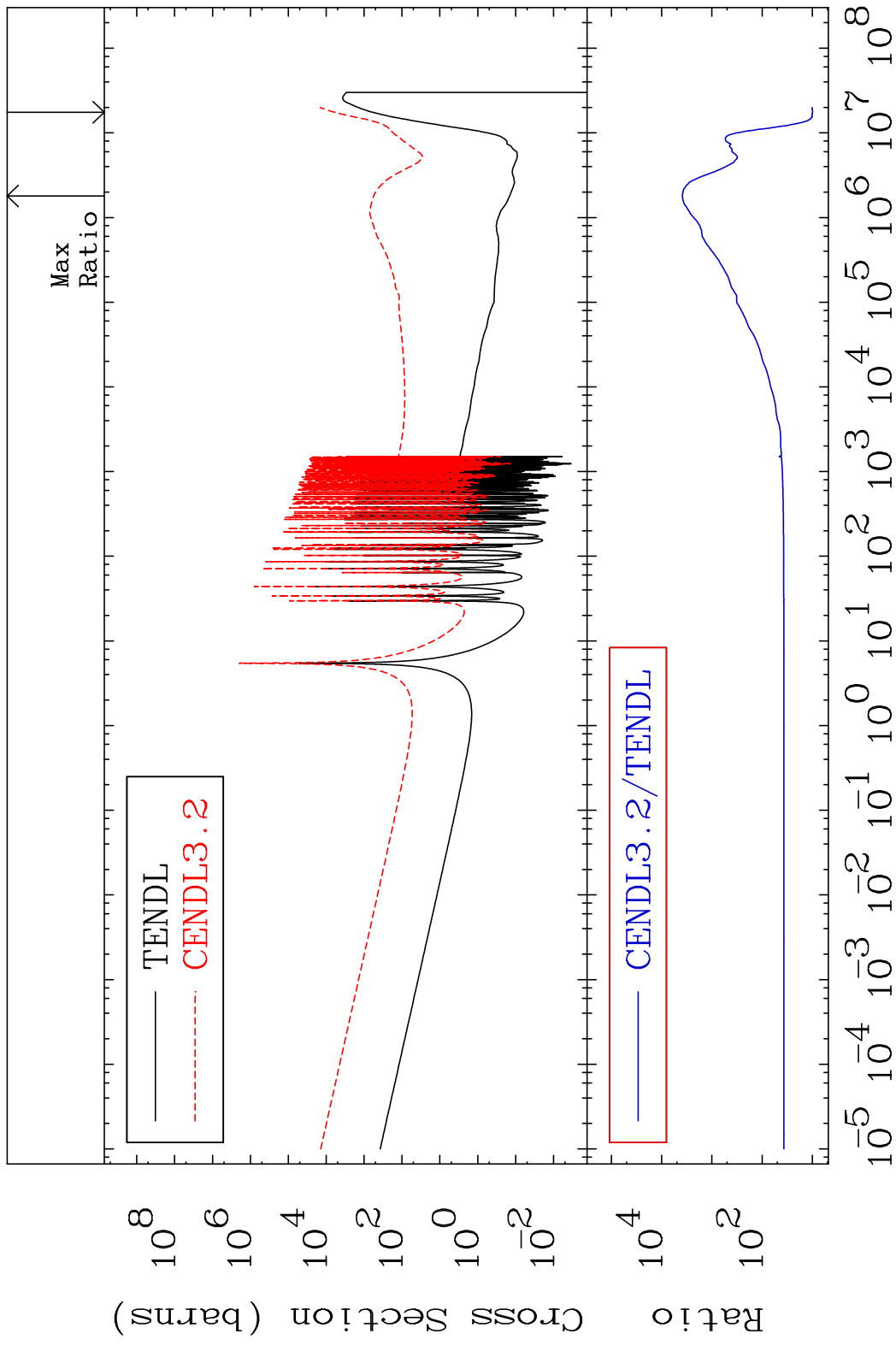
Incident Energy (eV)

92-U -236

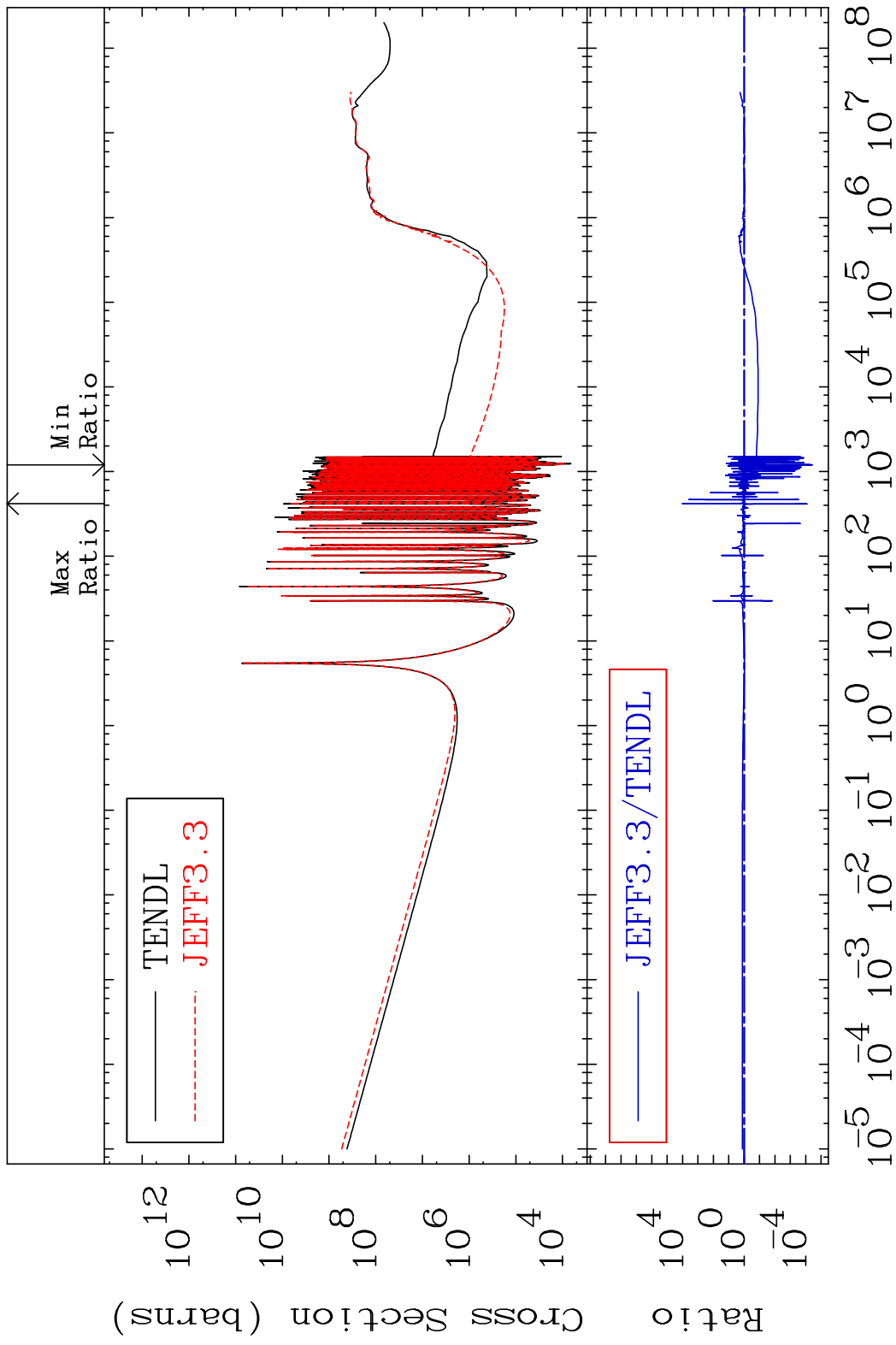
MAT 9231 Dpa inelastic (mt51-91) 92-U -236
 Cross Section -43.64 To 9999. %



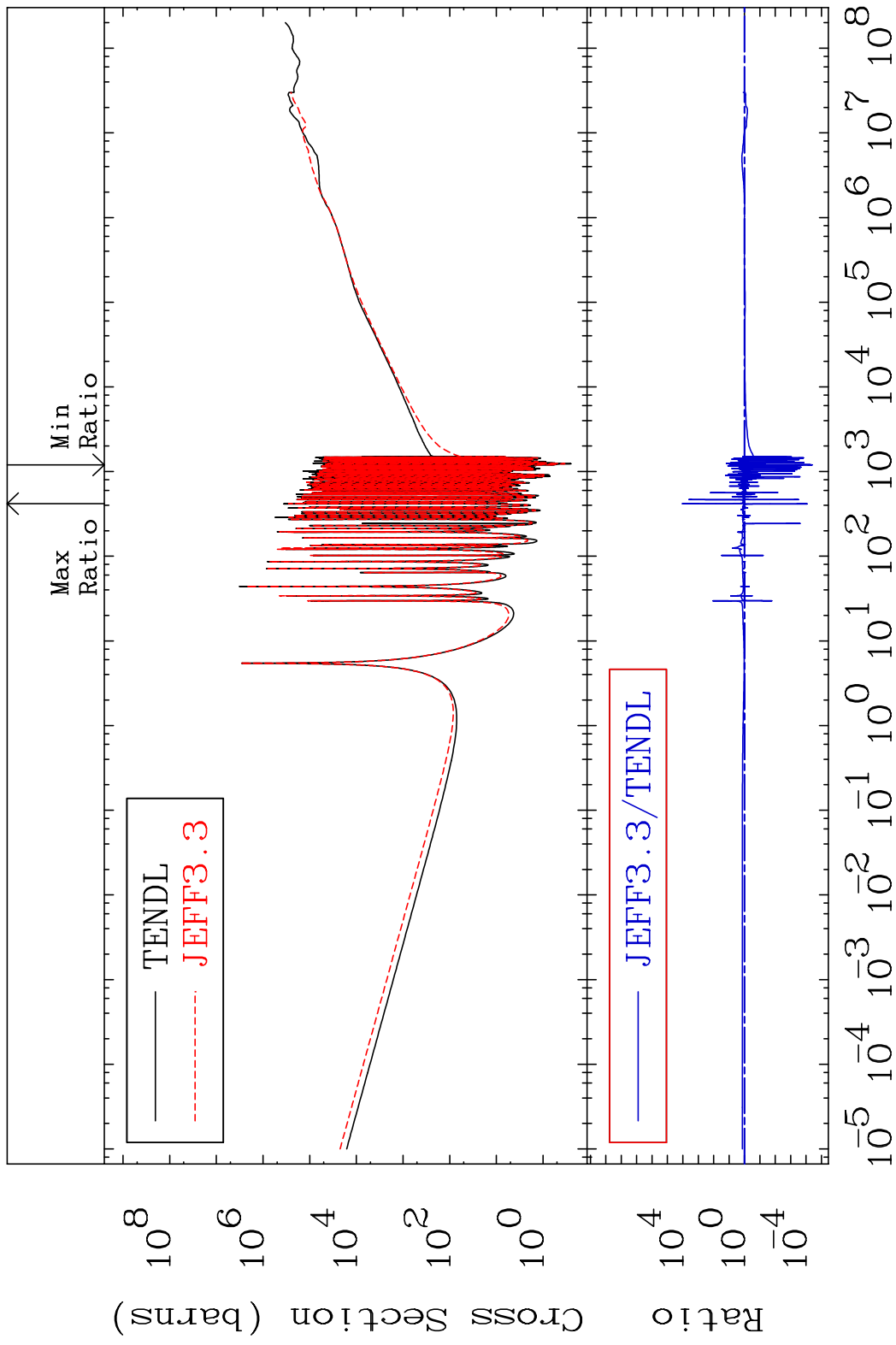
MAT 9231 Dpa disappearance (mt102 -120) 92-U -236
 Cross Section 891.6 To 9999. %



MAT 9231 Total kinematic kerma (high limit) 92-U -236
 Cross Section -100.0 To 9999. %



MAT 9231 Dpa total (eV-barns) 92-U -236
 Cross Section -100.0 To 9999. %



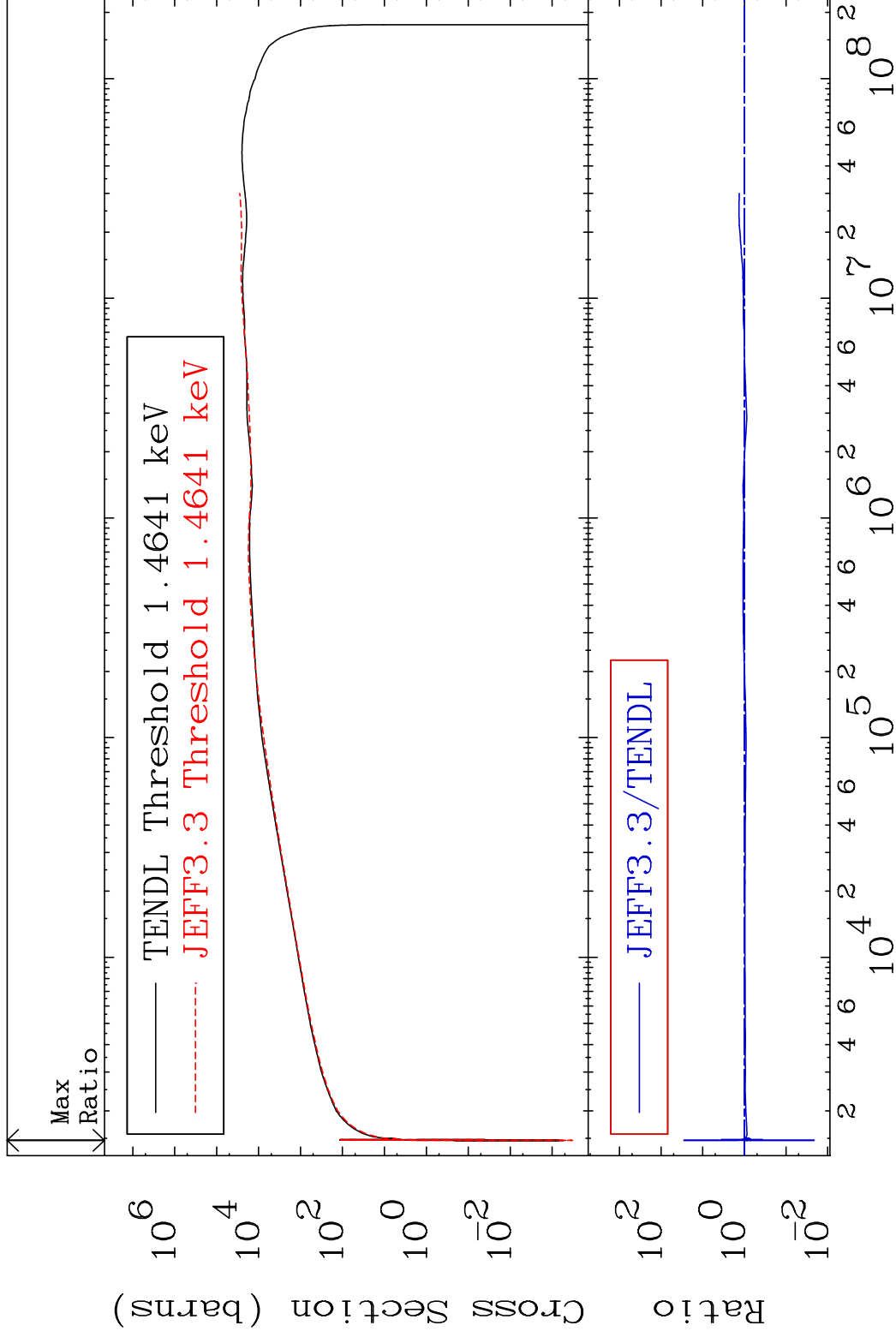
59 Incident Energy (eV) 92-U -236

MAT 9231

Dpa elastic (mt2)

92-U -236

Cross Section -97.88 To 2770. %

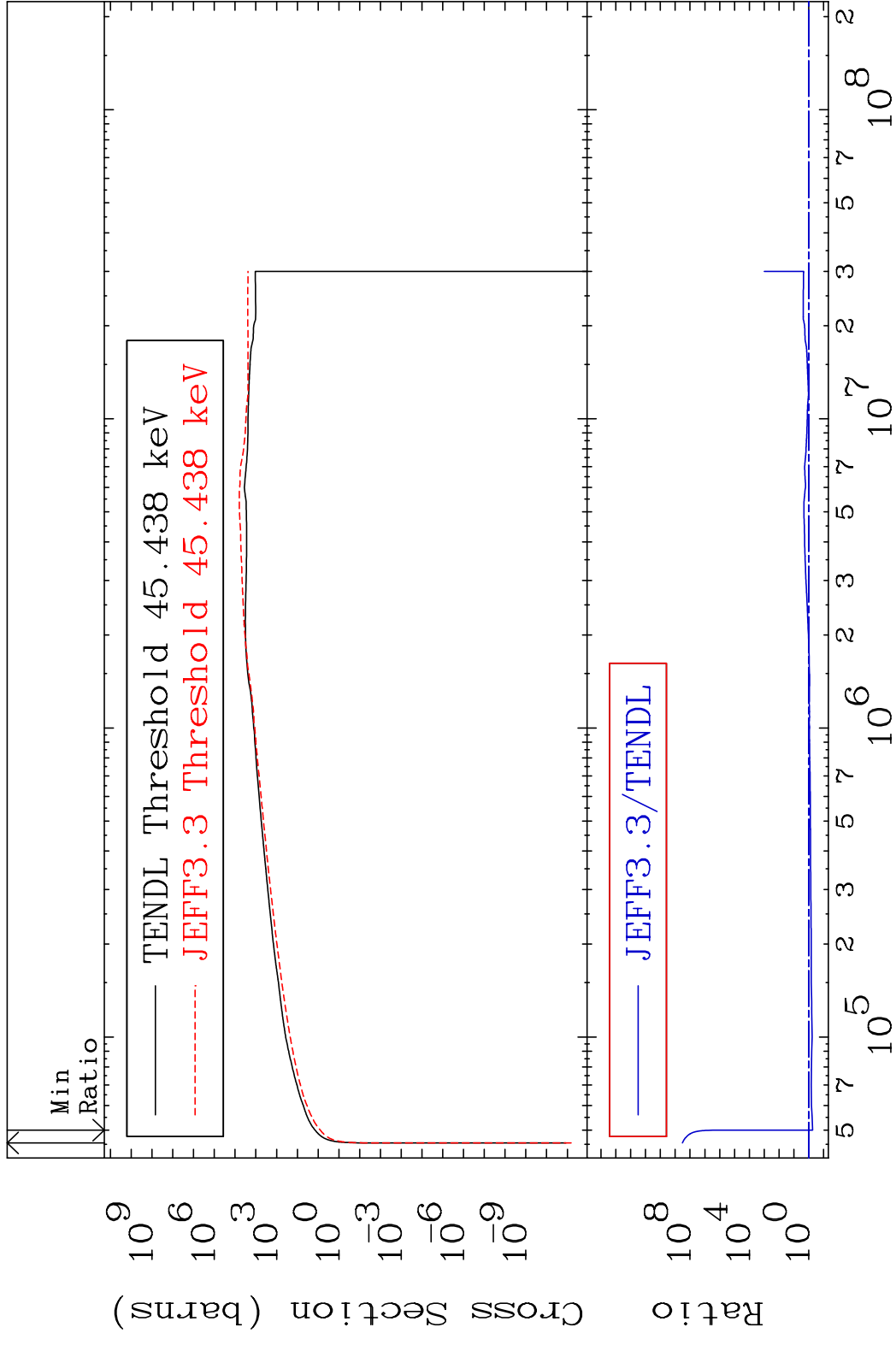


60

Incident Energy (eV)

92-U -236

MAT 9231 Dpa inelastic (mt51-91) 92-U -236
 Cross Section -44.10 To 9999. %



MAT 9231 Dpa disappearance (mt102 -120) 92-U -236
 Cross Section -99.98 To 9999. %

