

Program Complot
(Version 2021-1)

by

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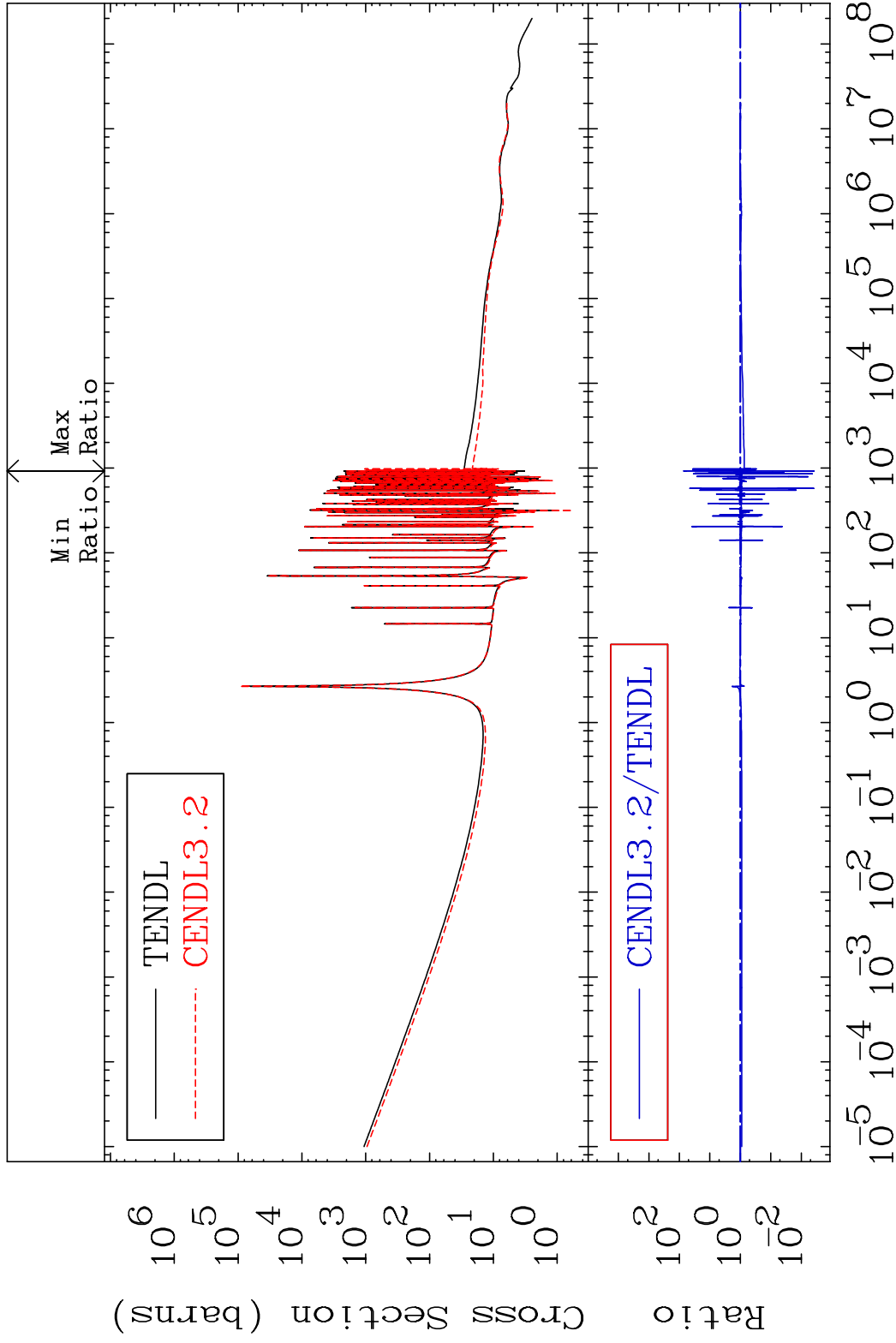
Press Mouse Button to Start

MAT 9446

Total

94-Pu-242

Cross Section -99.62 To 7138. %



1

Incident Energy (eV)

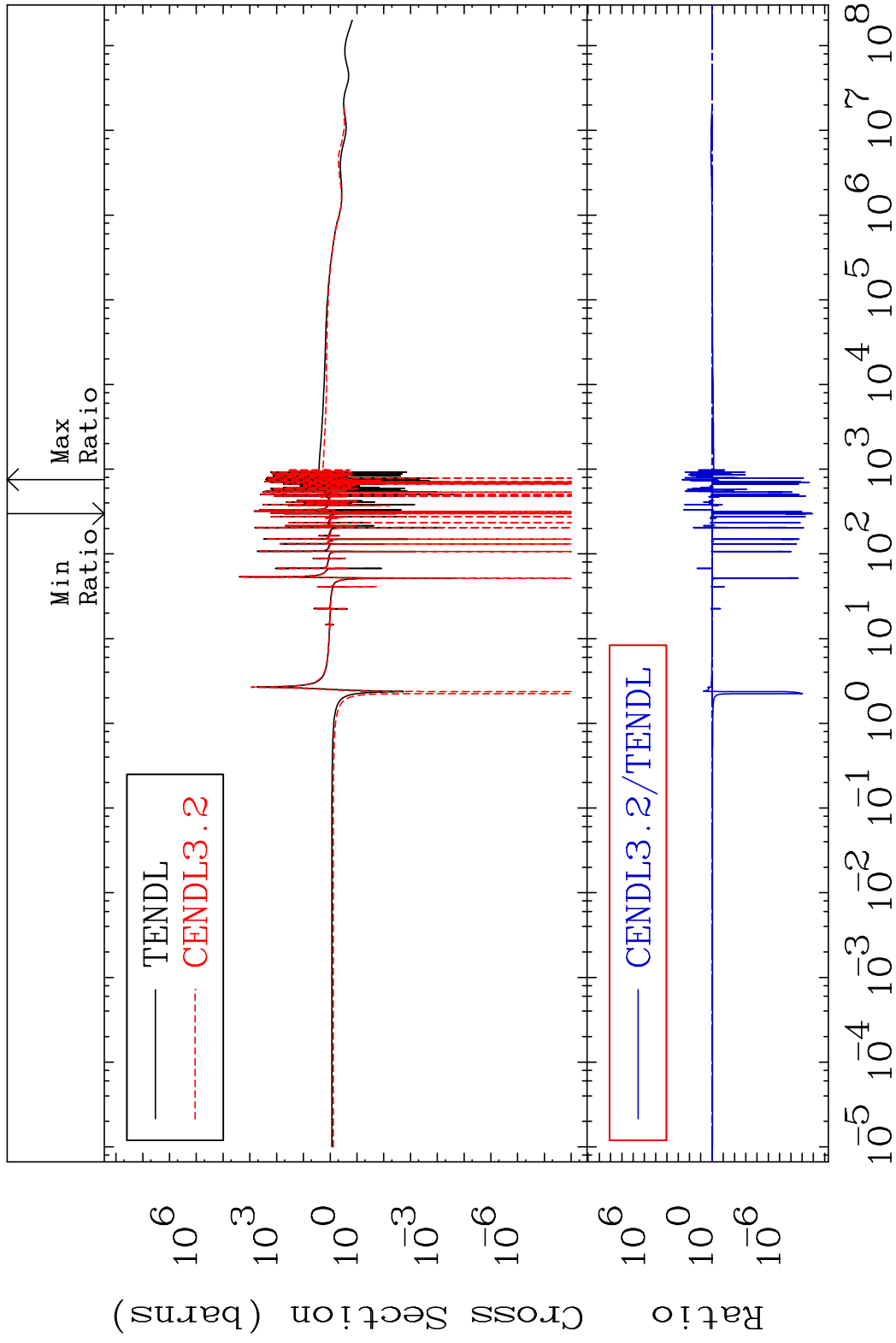
94-Pu-242

MAT 9446

Elastic

94-Pu-242

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

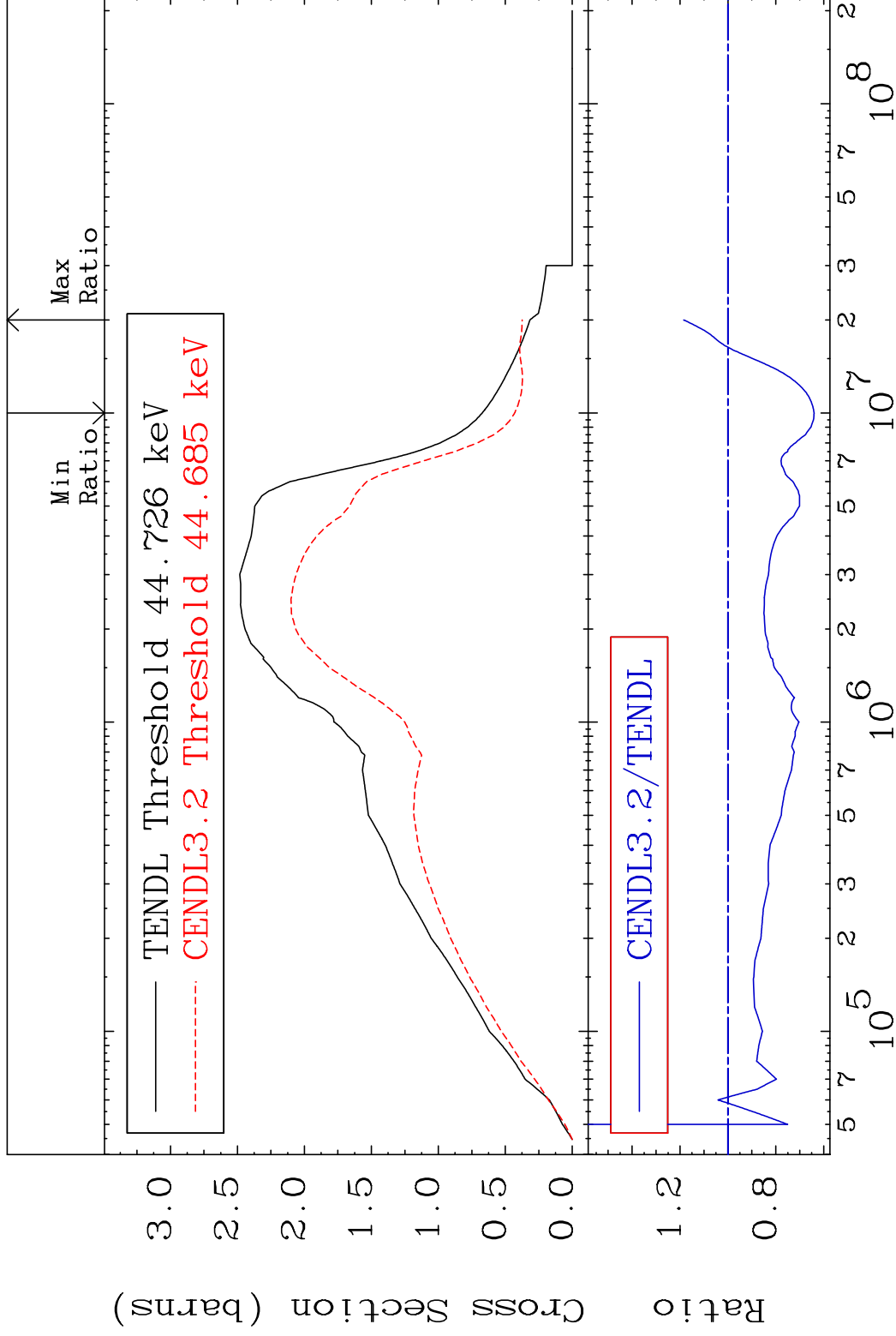
94-Pu-242

MAT 9446

Inelastic

94-Pu-242

Cross Section -35.99 To 18.48 %



3

Incident Energy (eV)

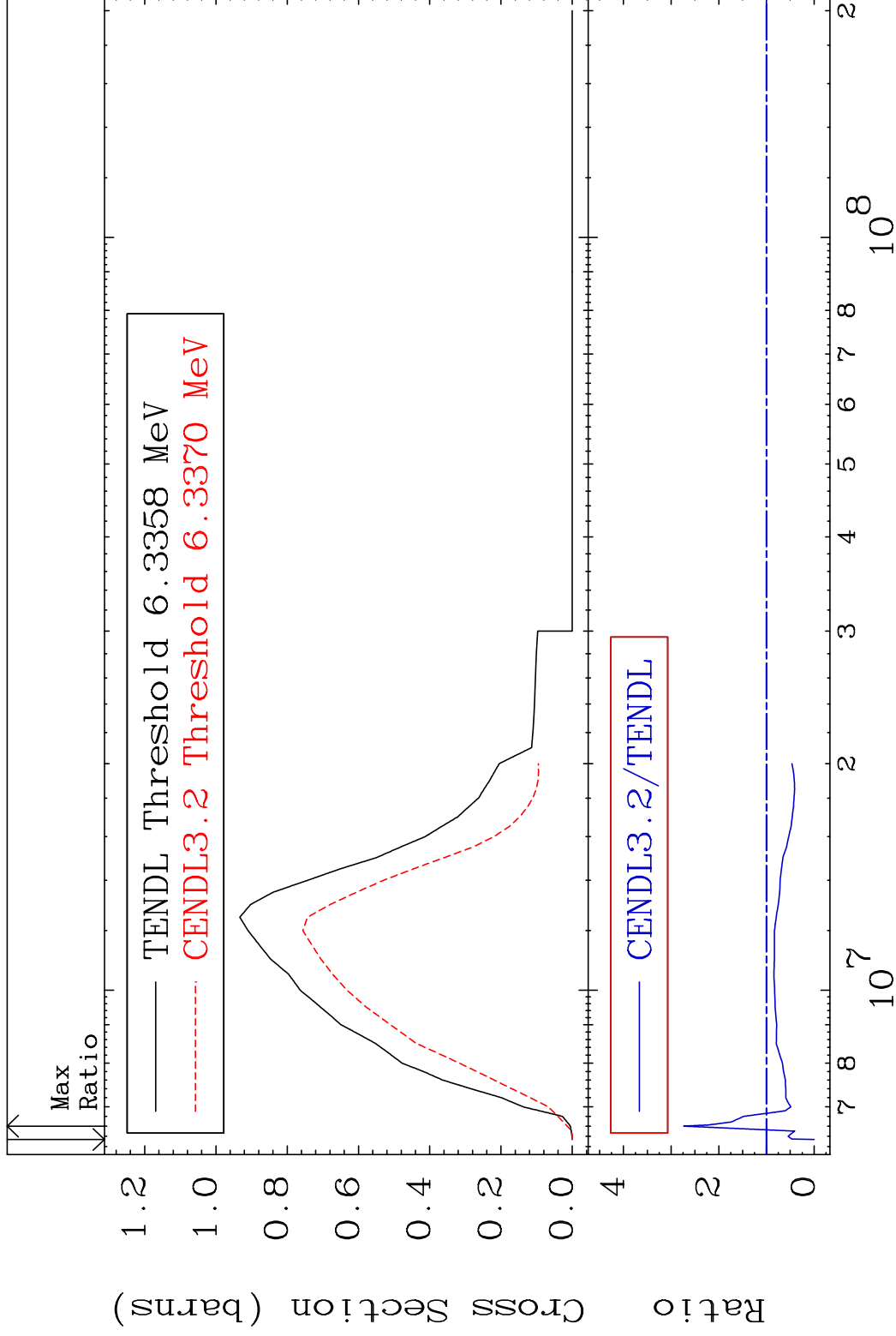
94-Pu-242

MAT 9446

(n,2n)

94-Pu-242

Cross Section -100.0 To 173.7 %



4

Incident Energy (eV)

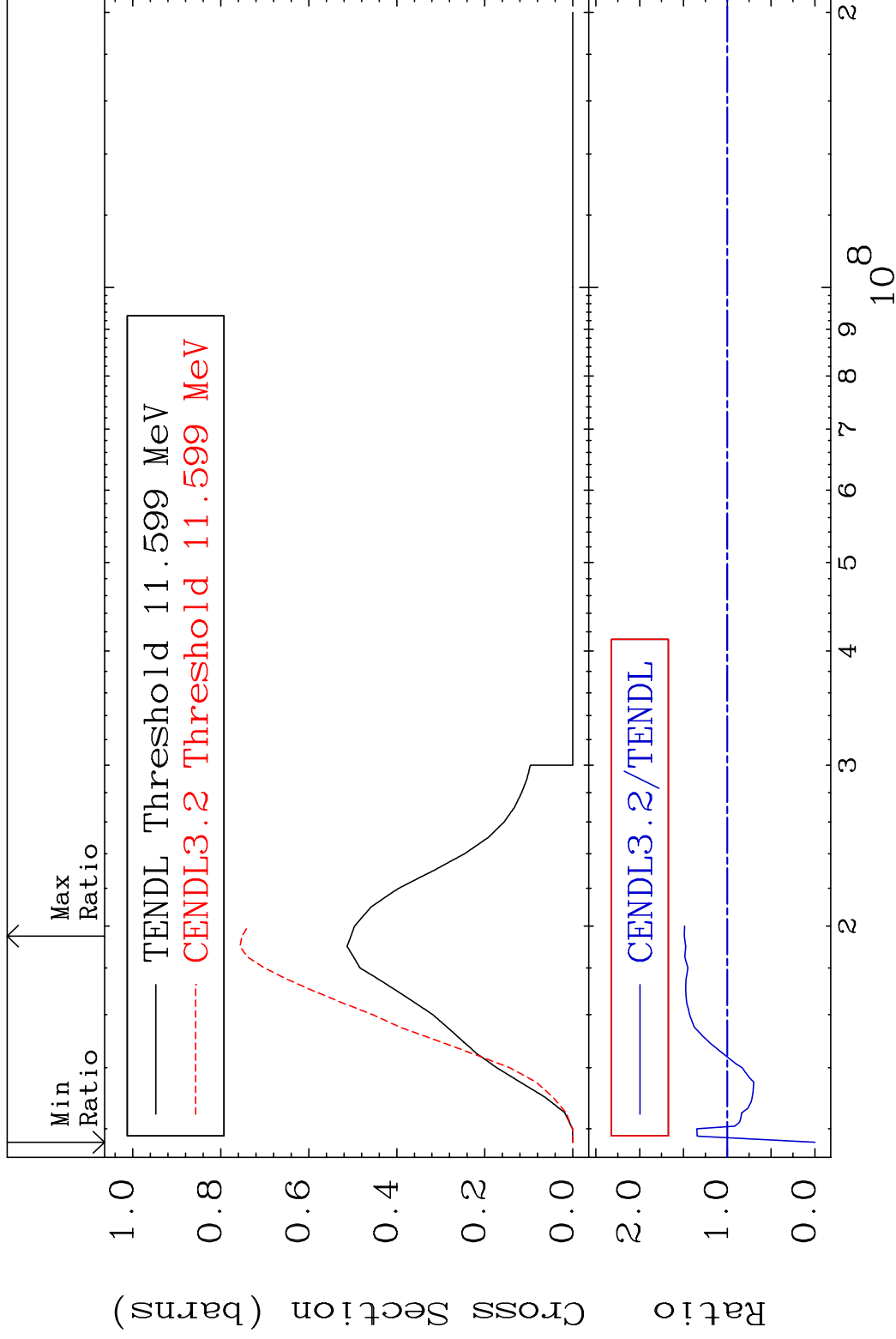
94-Pu-242

MAT 9446

(n,3n)

94-Pu-242

Cross Section -100.0 To 49.02 %



5

Incident Energy (eV)

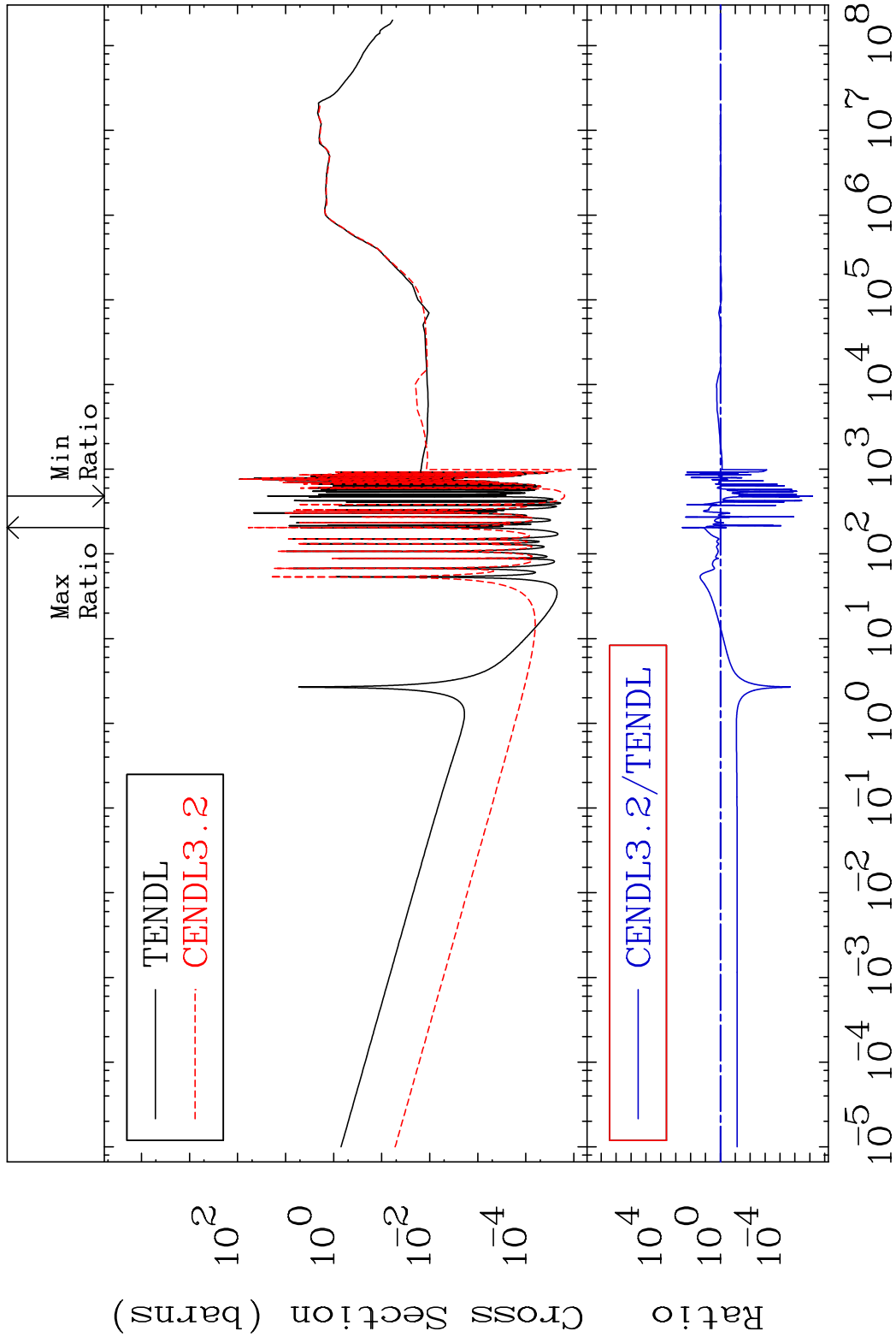
94-Pu-242

MAT 9446

Fission

94-Pu-242

Cross Section -100.0 To 9999. %

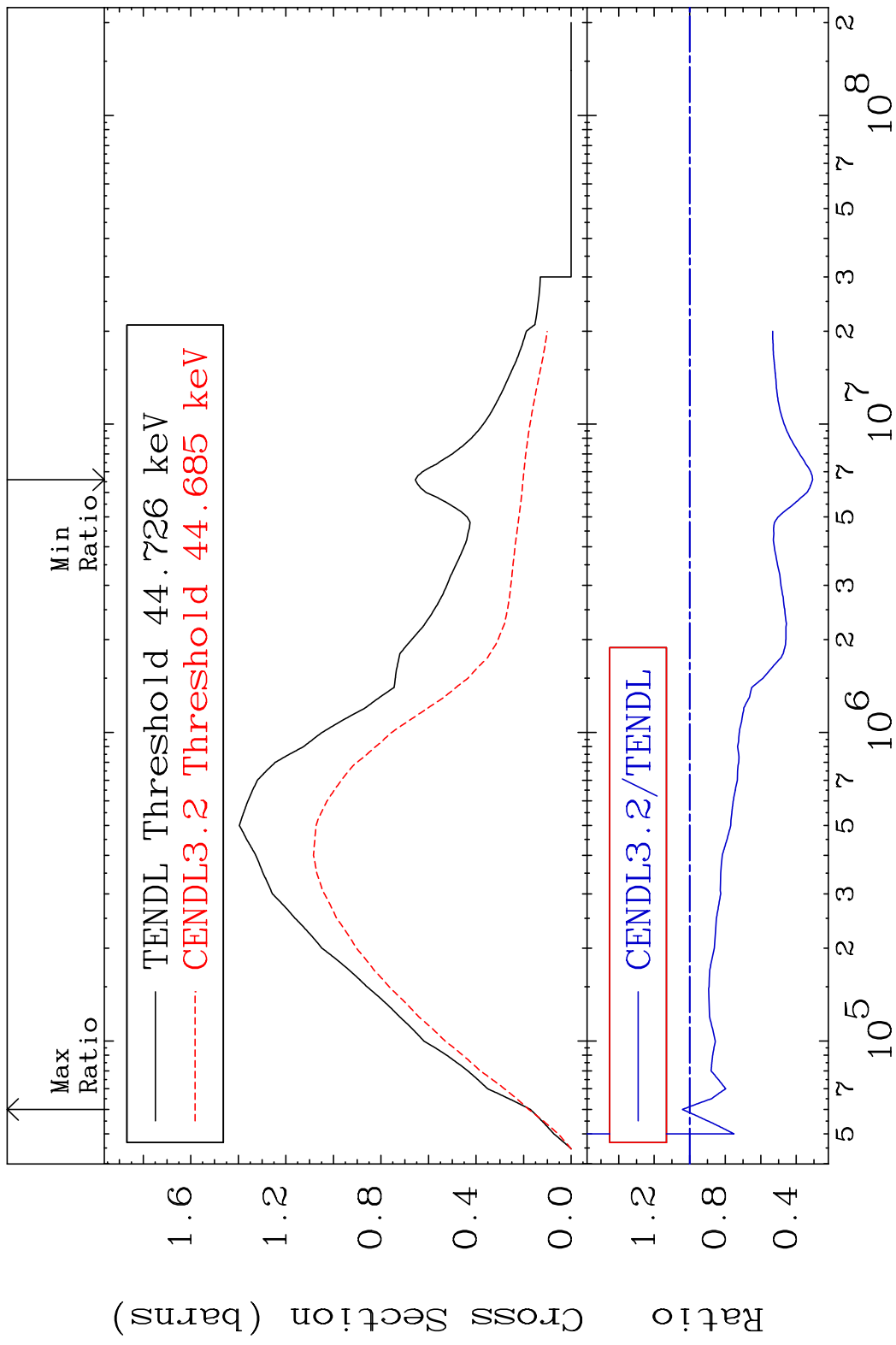


6

Incident Energy (eV)

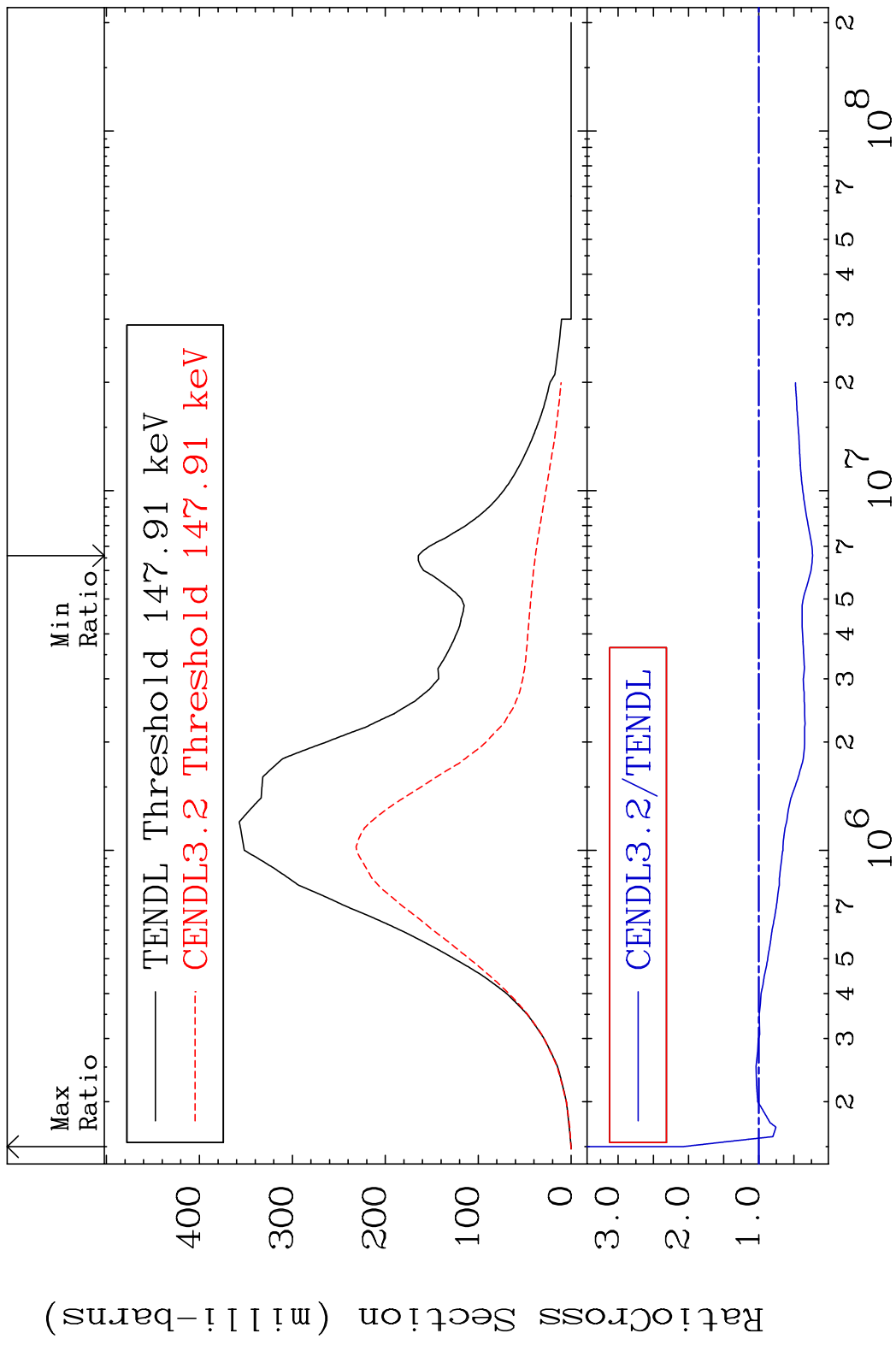
94-Pu-242

MAT 9446 MT= 51 (n, n') Level 94-Pu-242
 Cross Section -69.16 To 4.159 %

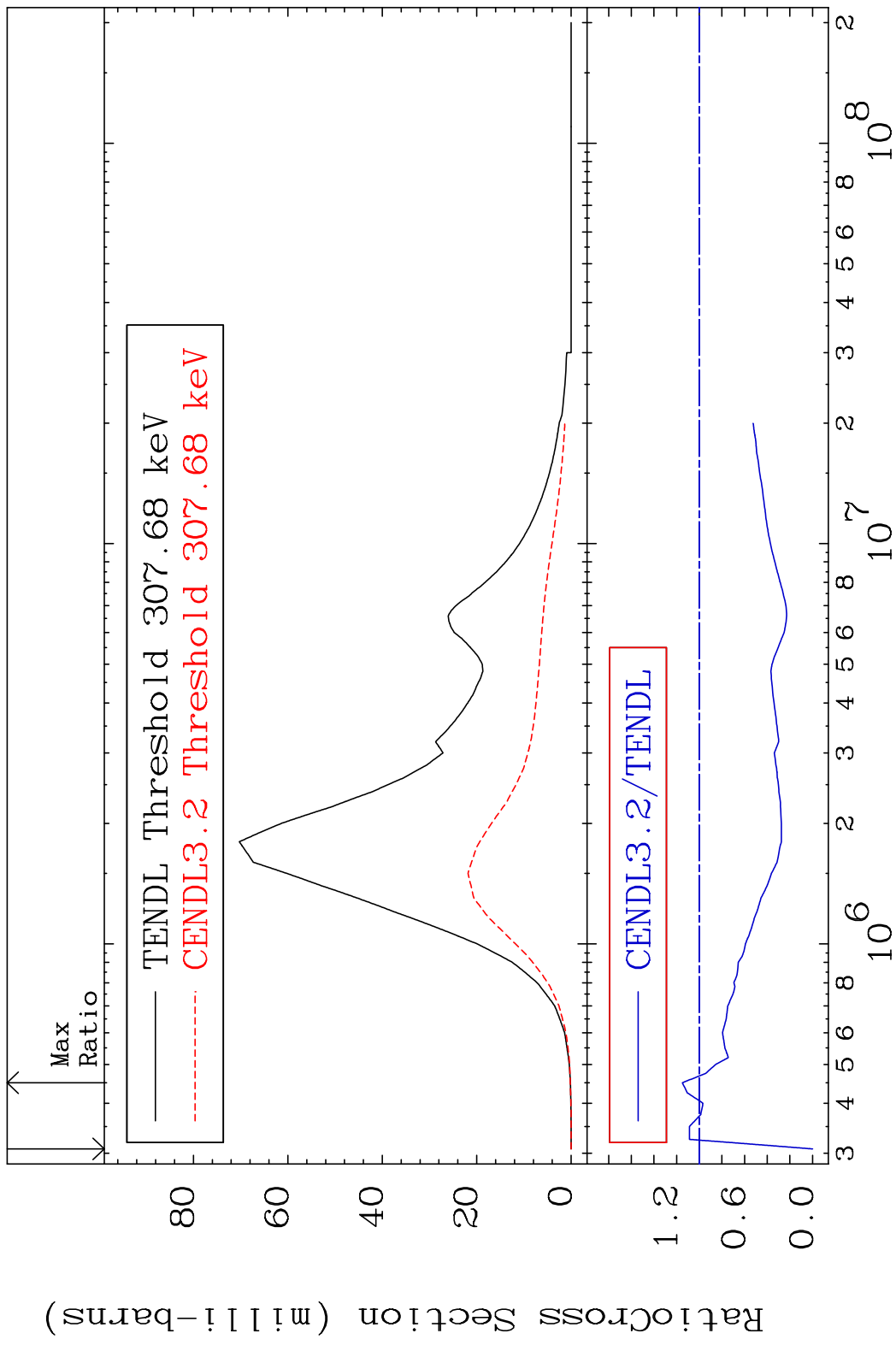


7 Incident Energy (eV) 94-Pu-242

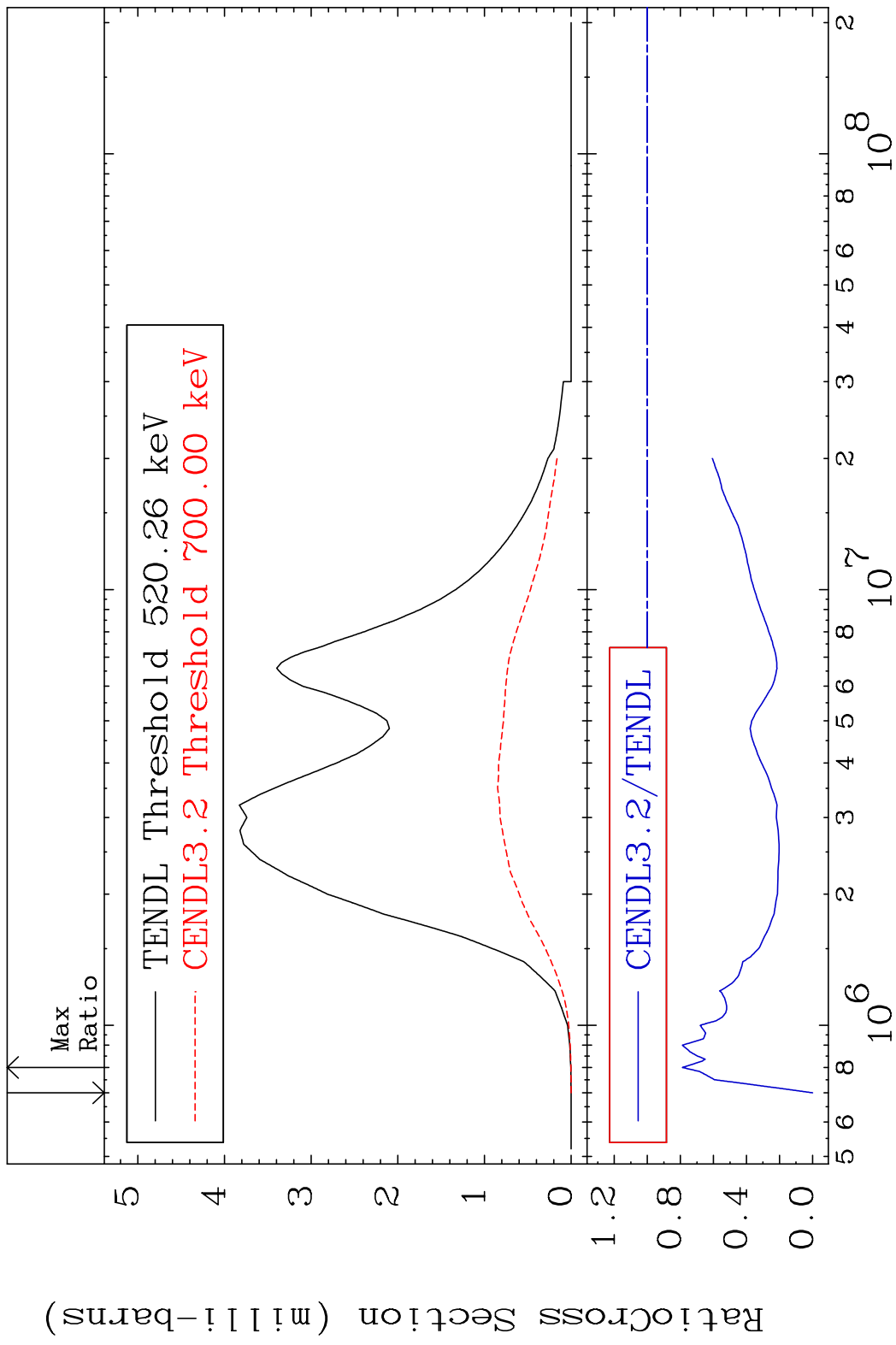
MAT 9446 MT= 52 (n, n') Level 94-Pu-242
 Cross Section -76.58 To 108.7 %



MAT 9446 MT= 53 (n,n') Level 94-Pu-242
 Cross Section -100.0 To 14.94 %

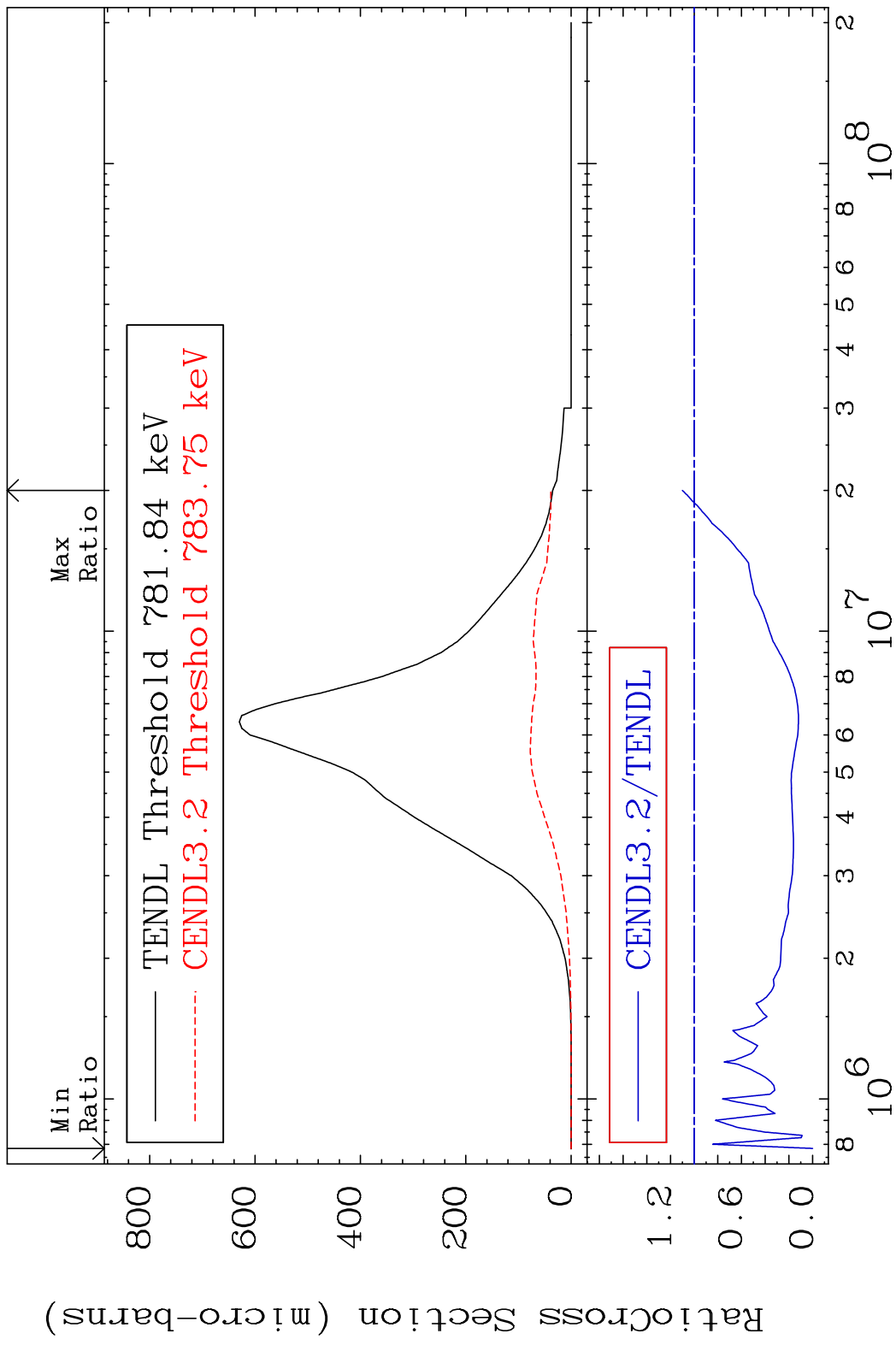


MAT 9446 MT= 54 (n, n') Level 94-Pu-242
 Cross Section -100.0 To -21.19%

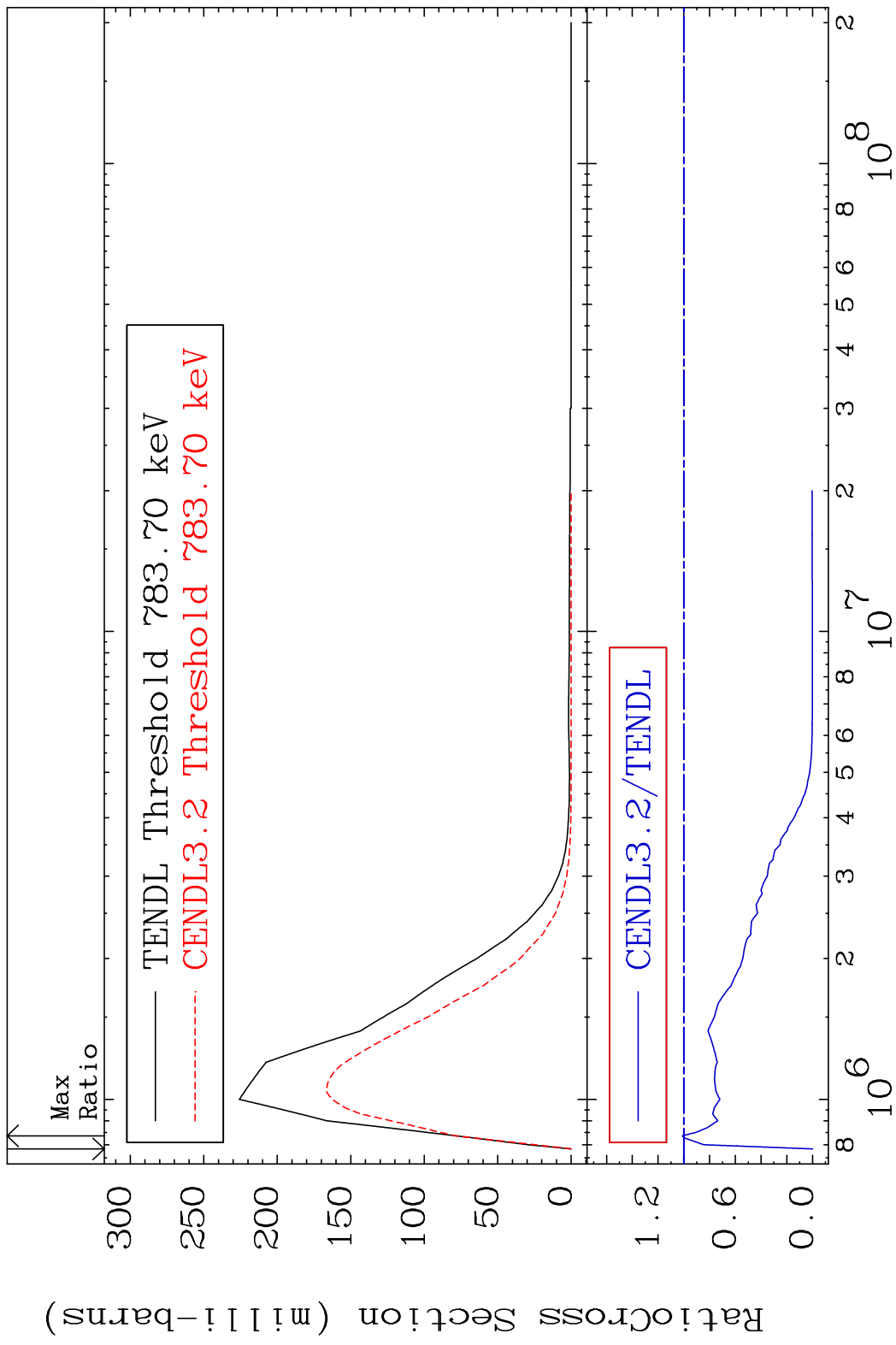


10 Incident Energy (eV) 94-Pu-242

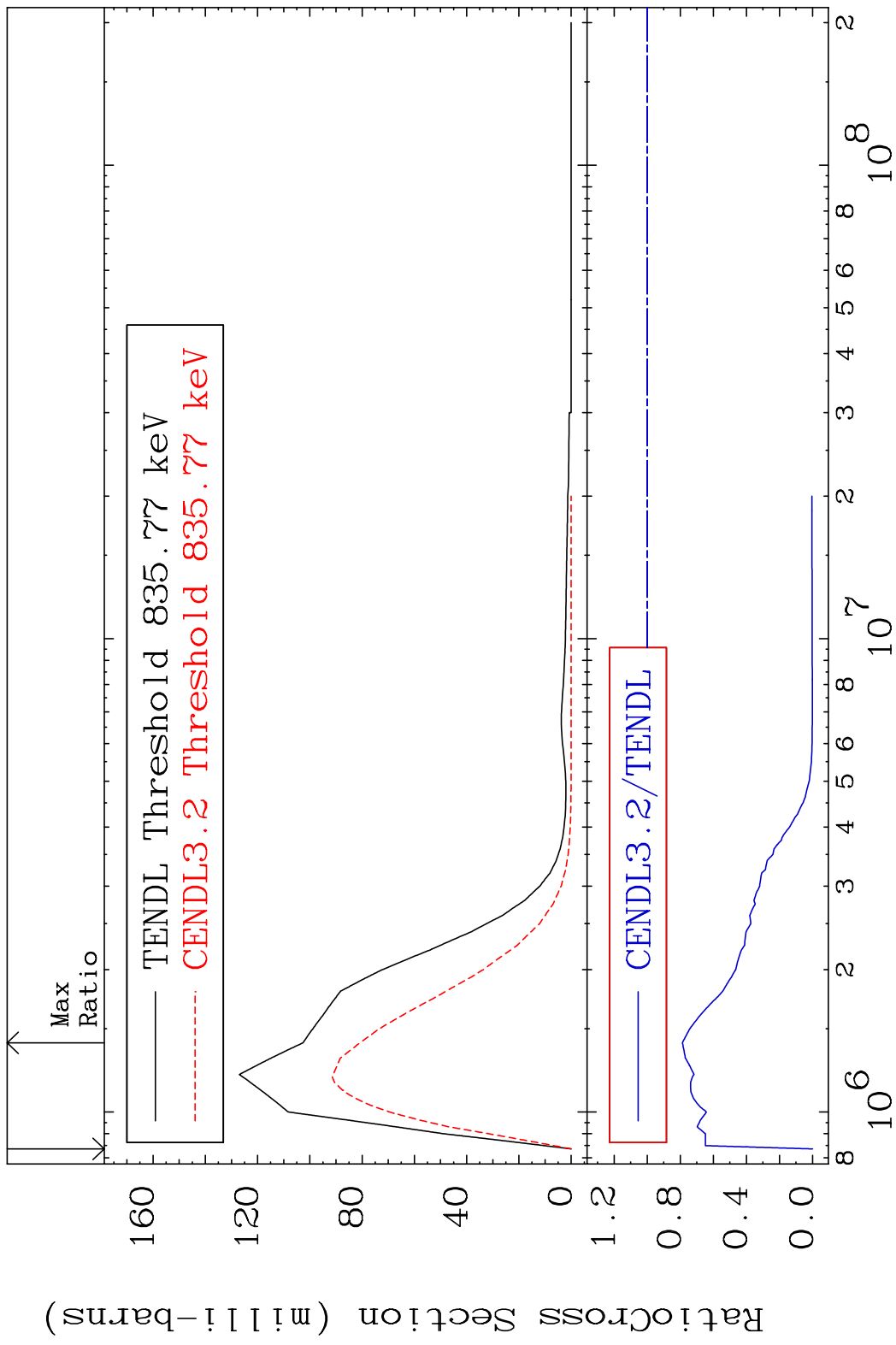
MAT 9446 MT= 55 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 9.966 %



MAT 9446 MT= 56 (n,n') Level 94-Pu-242
 Cross Section -100.0 To 1.140 %

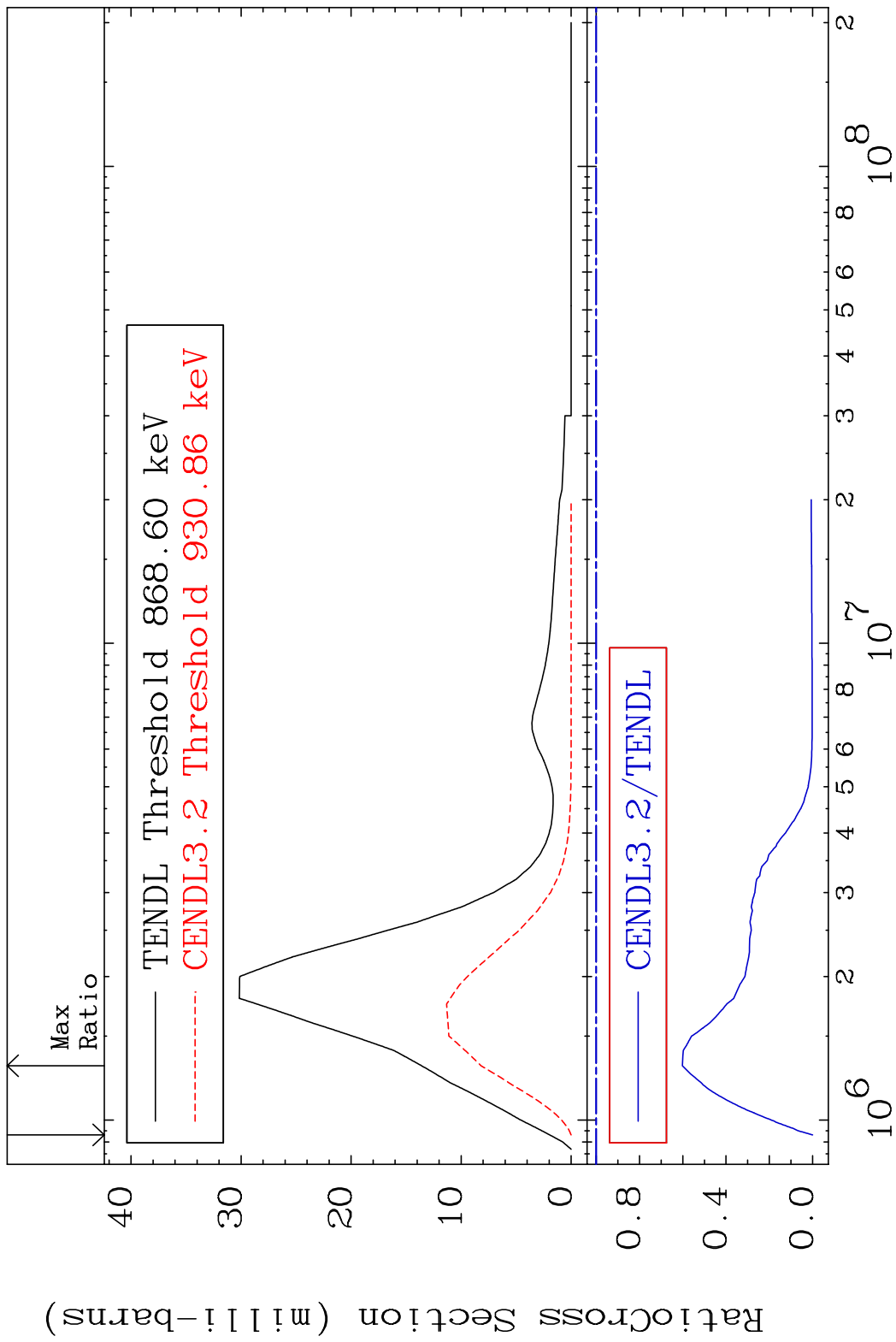


MAT 9446 MT= 57 (n, n') Level 94-Pu-242
 Cross Section -100.0 To -21.26%



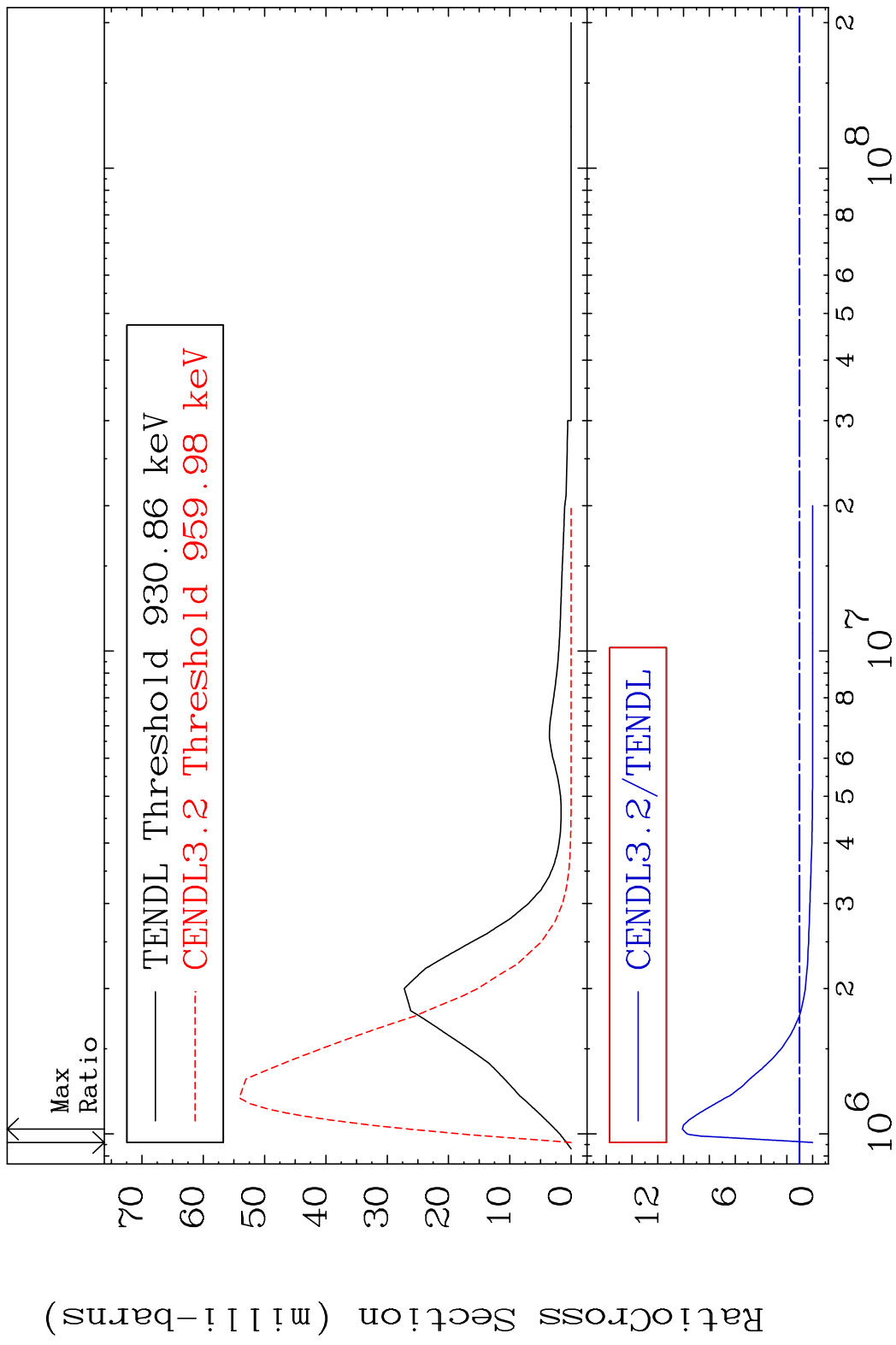
13 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 58 (n, n') Level 94-Pu-242
 Cross Section -100.0 To -39.81%



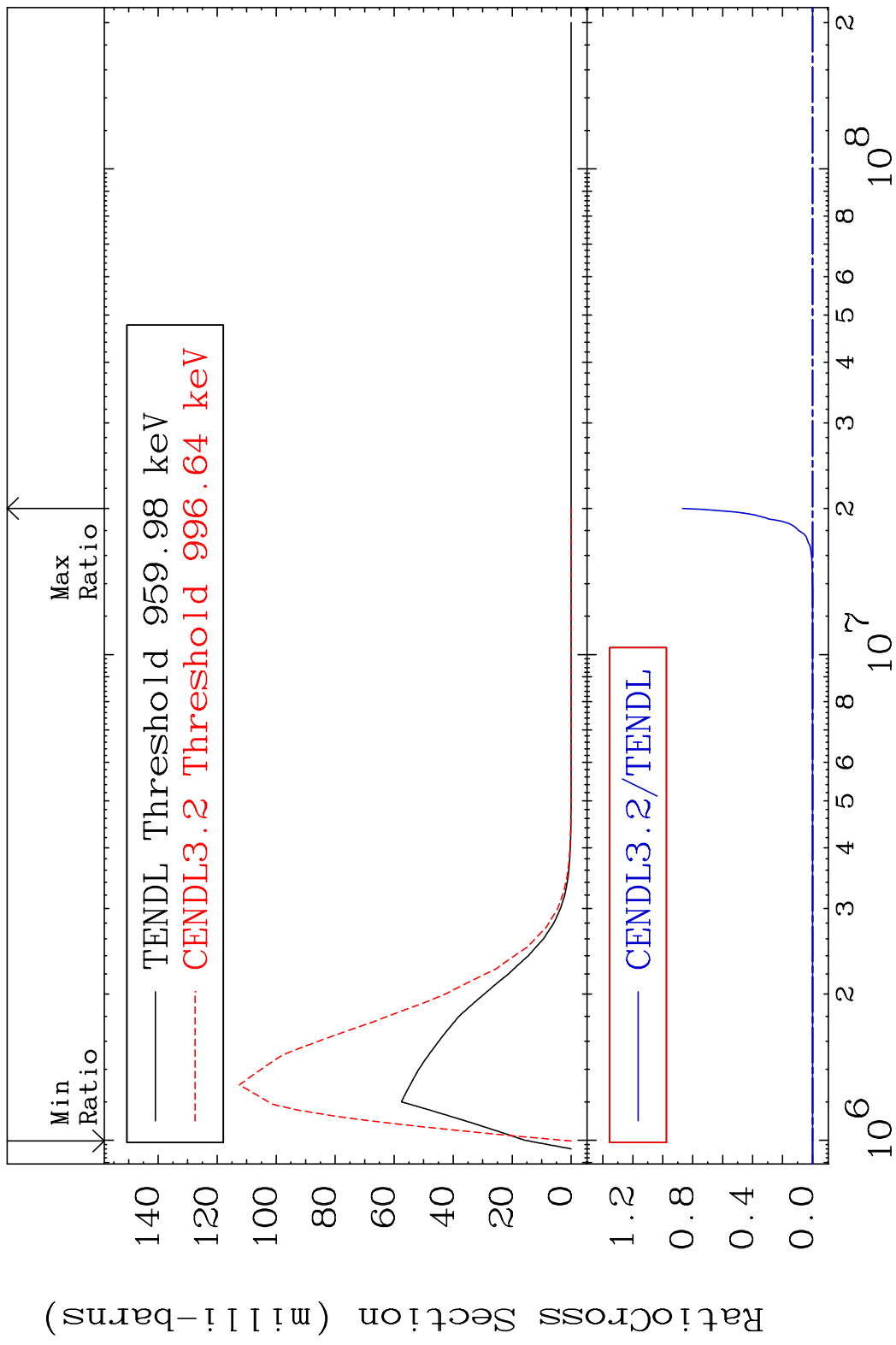
14 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 59 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 909.7 %



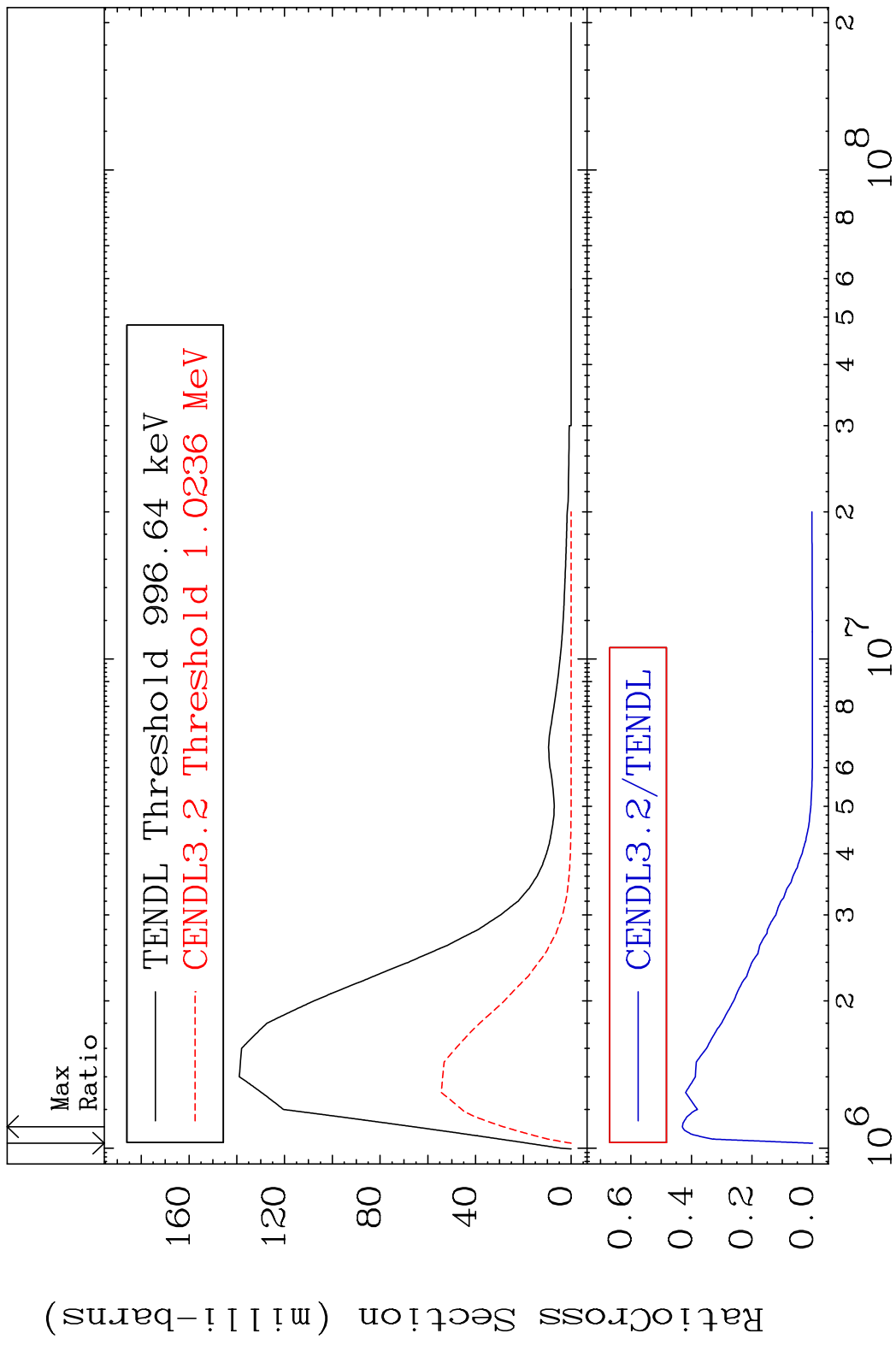
15 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 60 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %



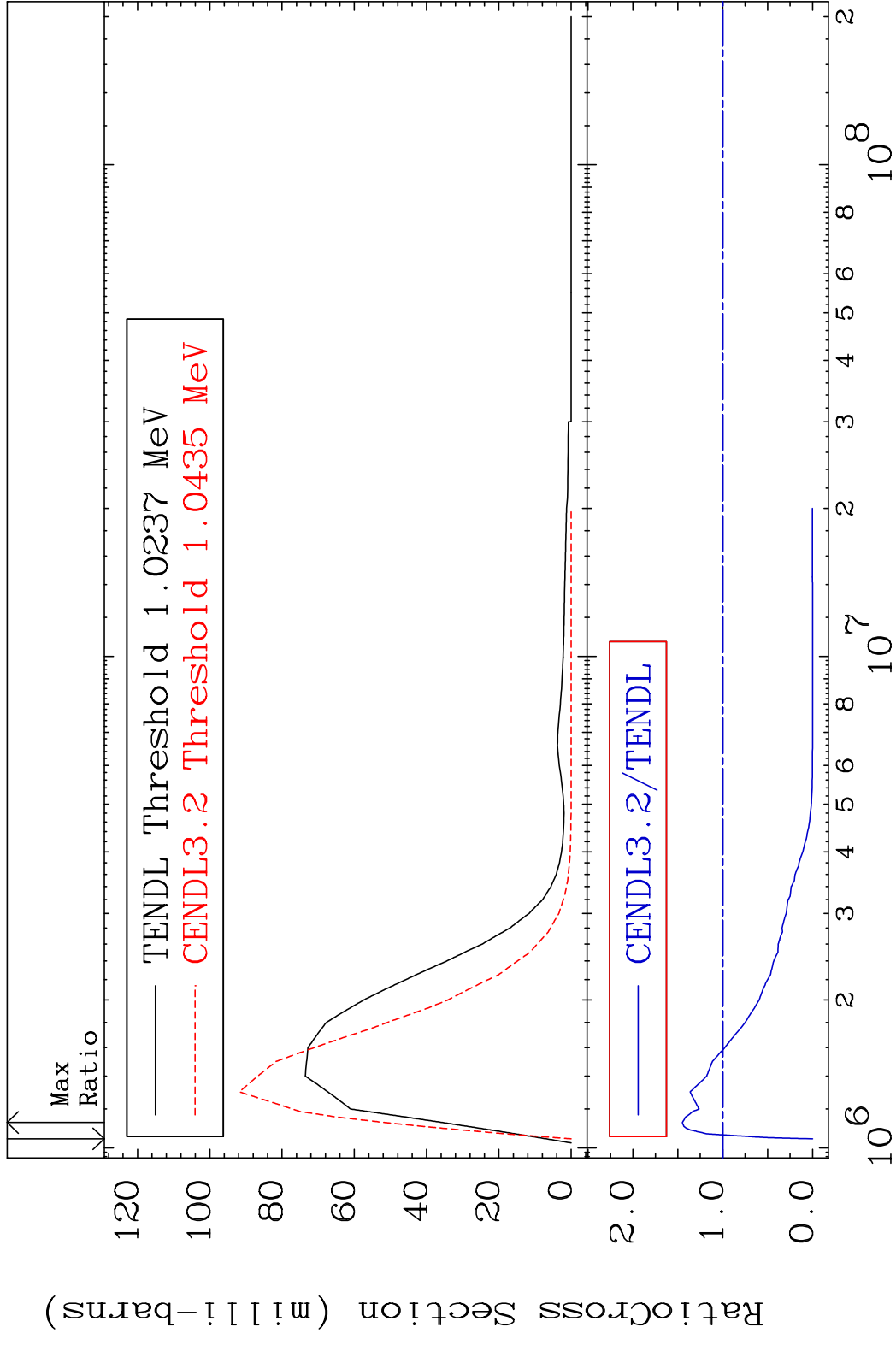
16 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 61 (n, n') Level 94-Pu-242
 Cross Section -100.0 To -57.00%



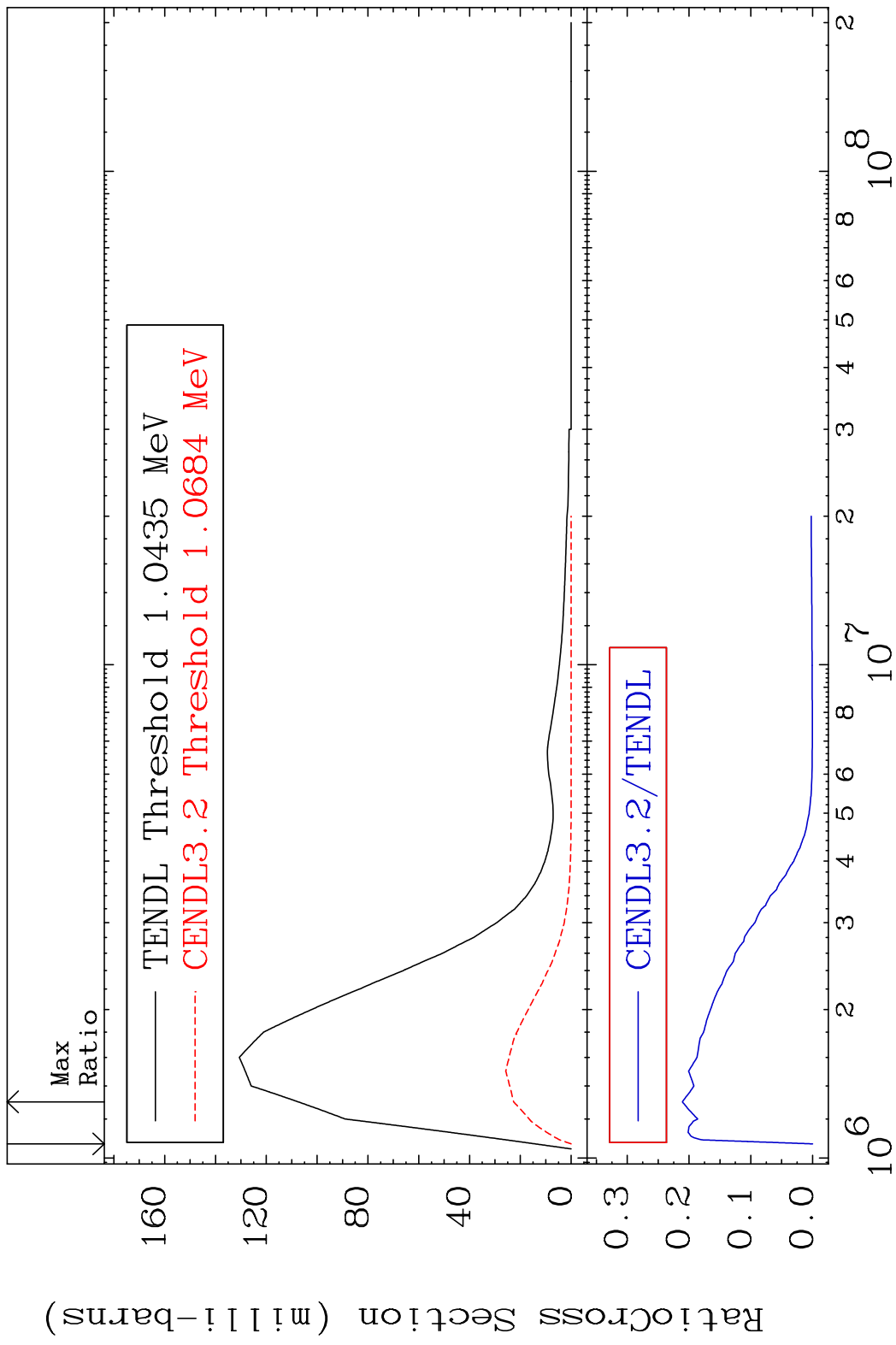
17 94-Pu-242

MAT 9446 MT= 62 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 44.97 %



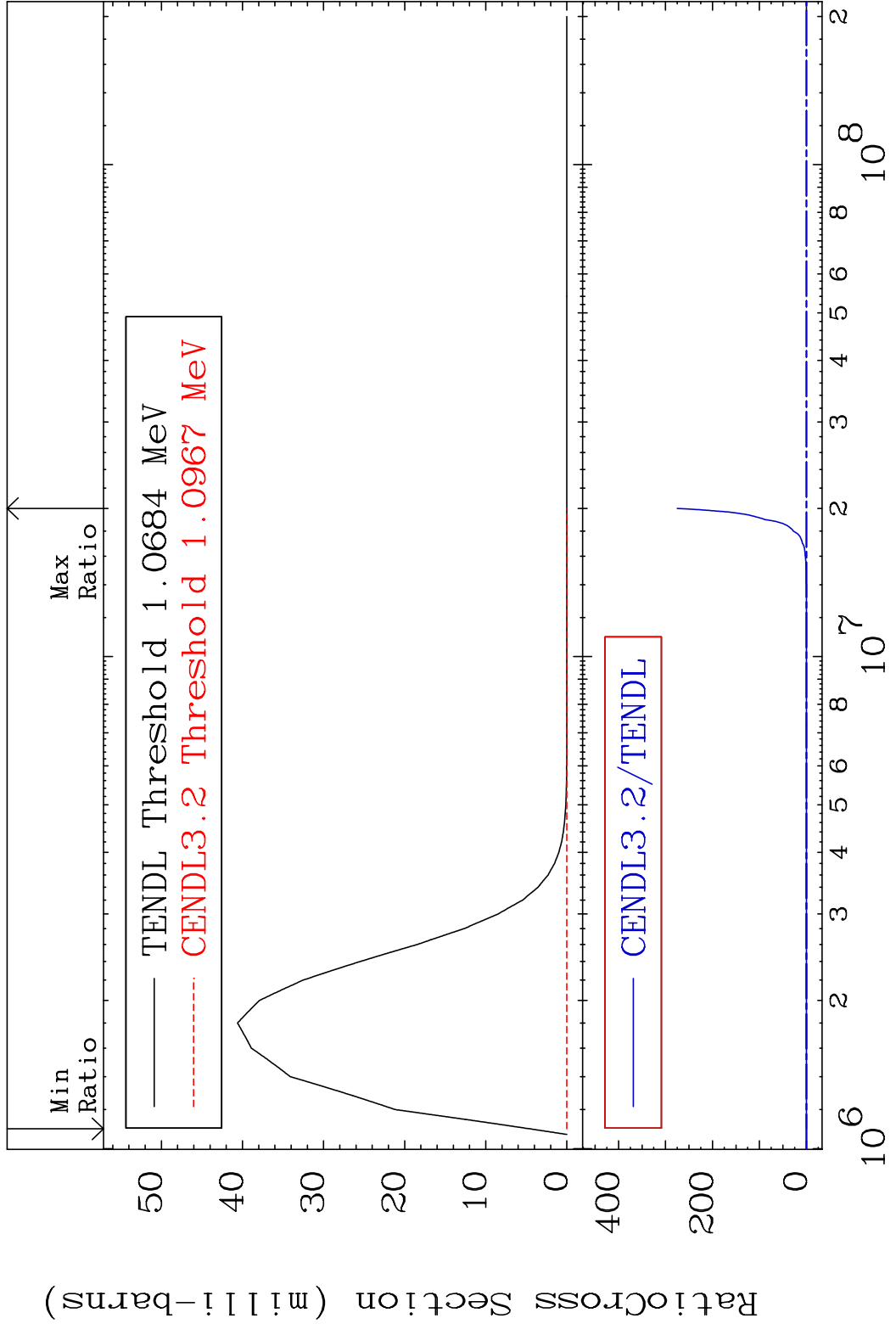
18 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 63 (n, n') Level 94-Pu-242
 Cross Section -100.0 To -78.92%



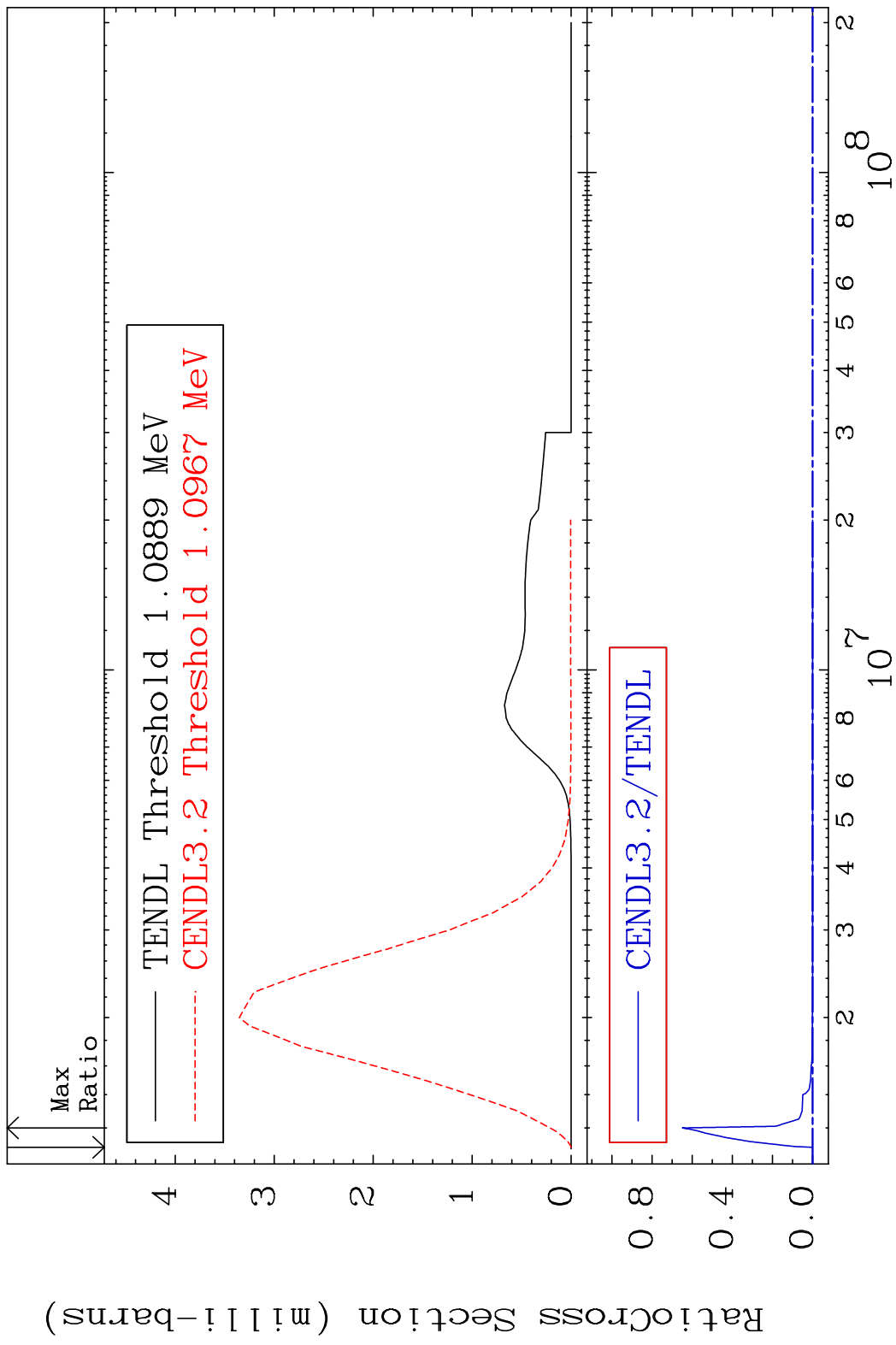
19 94-Pu-242

MAT 9446 MT= 64 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %

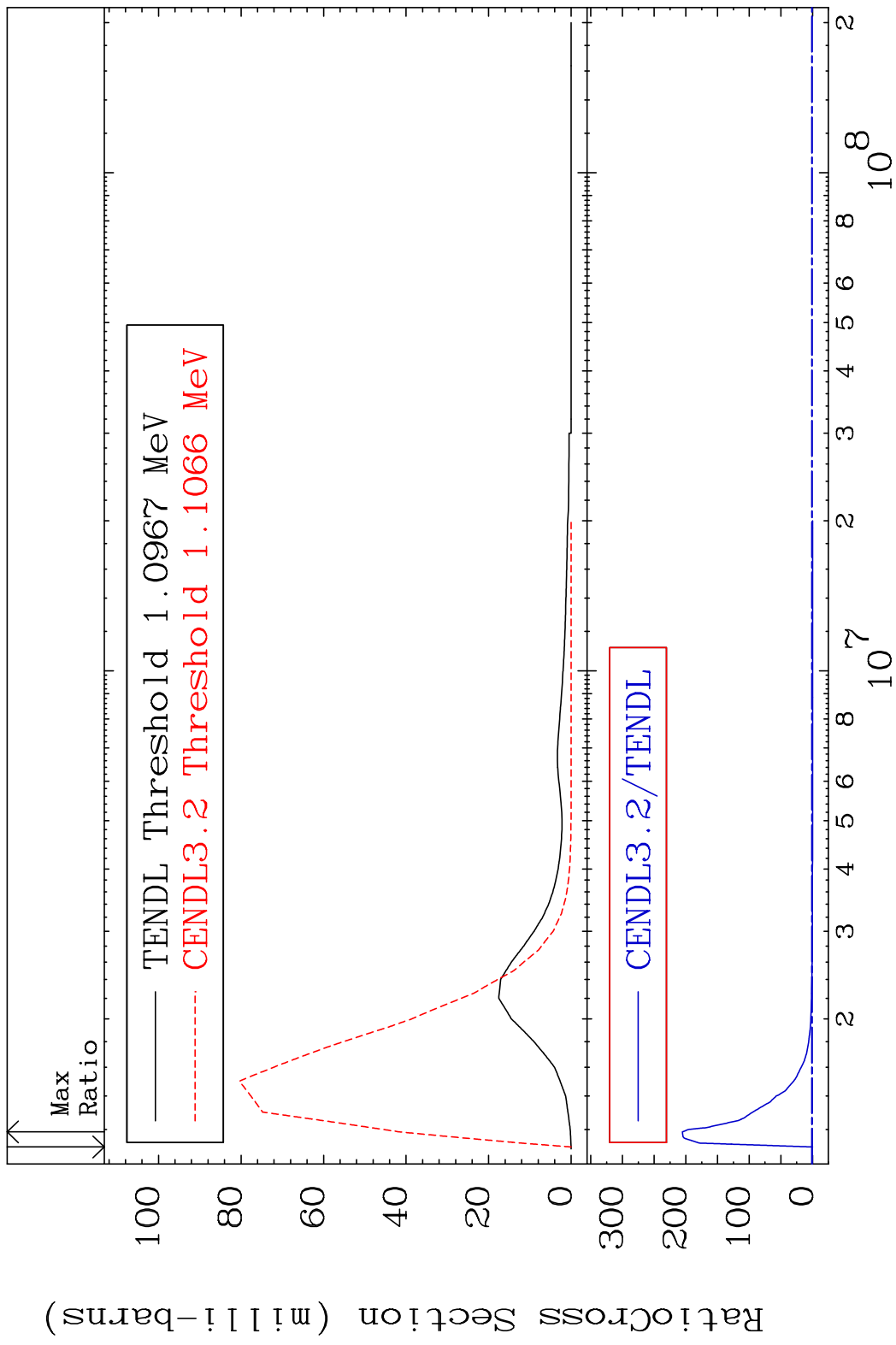


20 Incident Energy (eV) 94-Pu-242

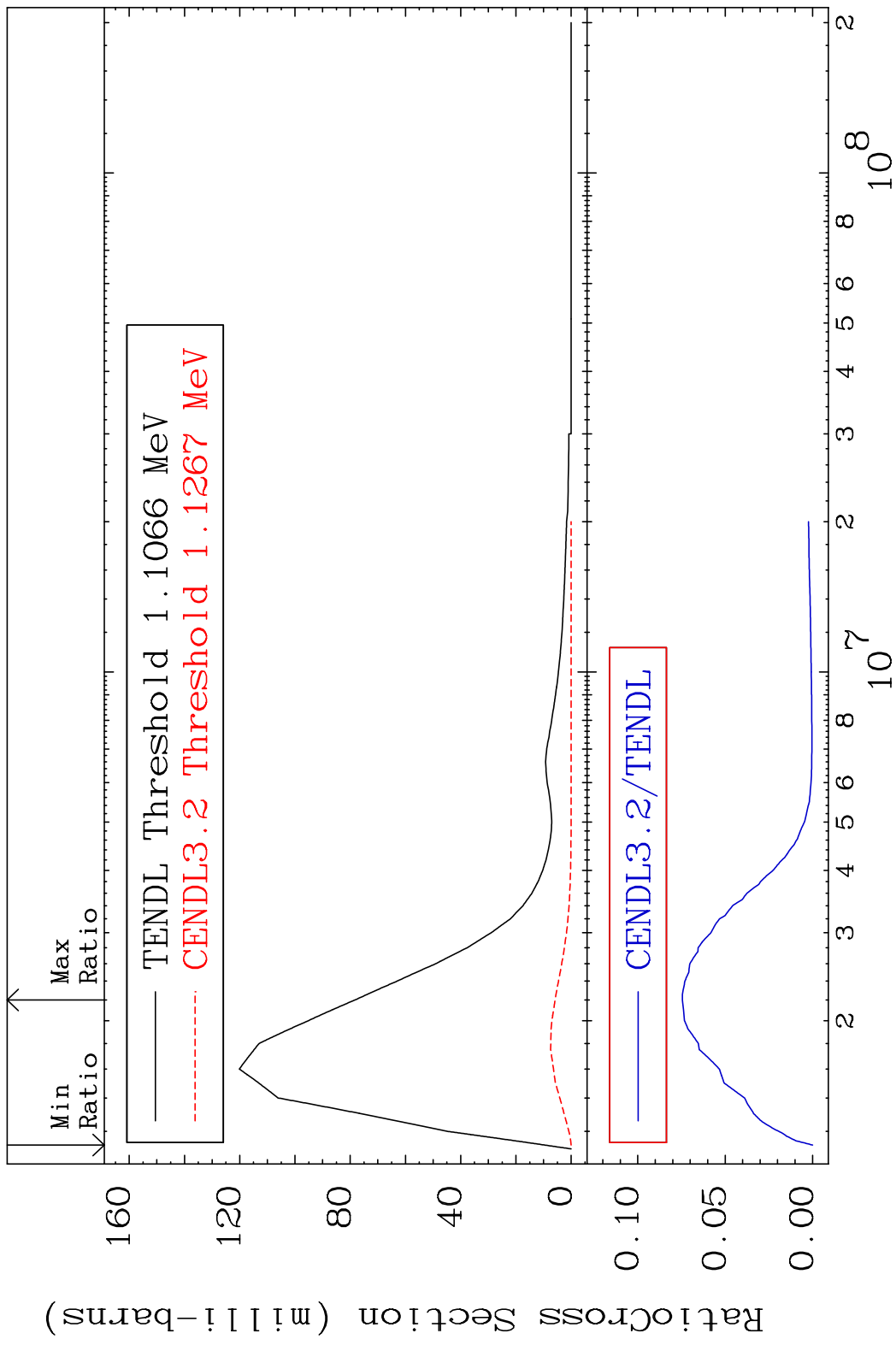
MAT 9446 MT= 65 (n,n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %



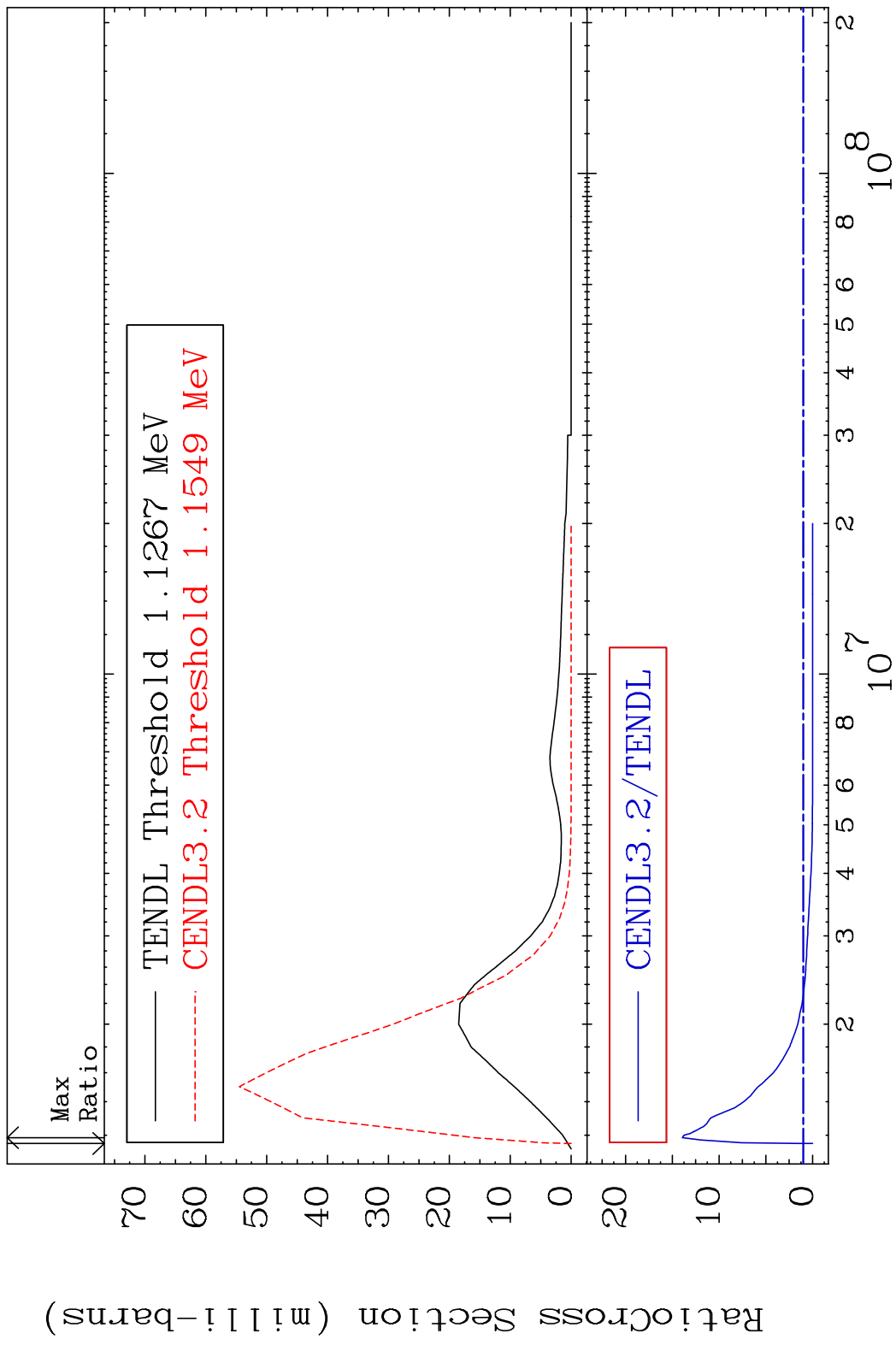
MAT 9446 MT= 66 (n,n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %



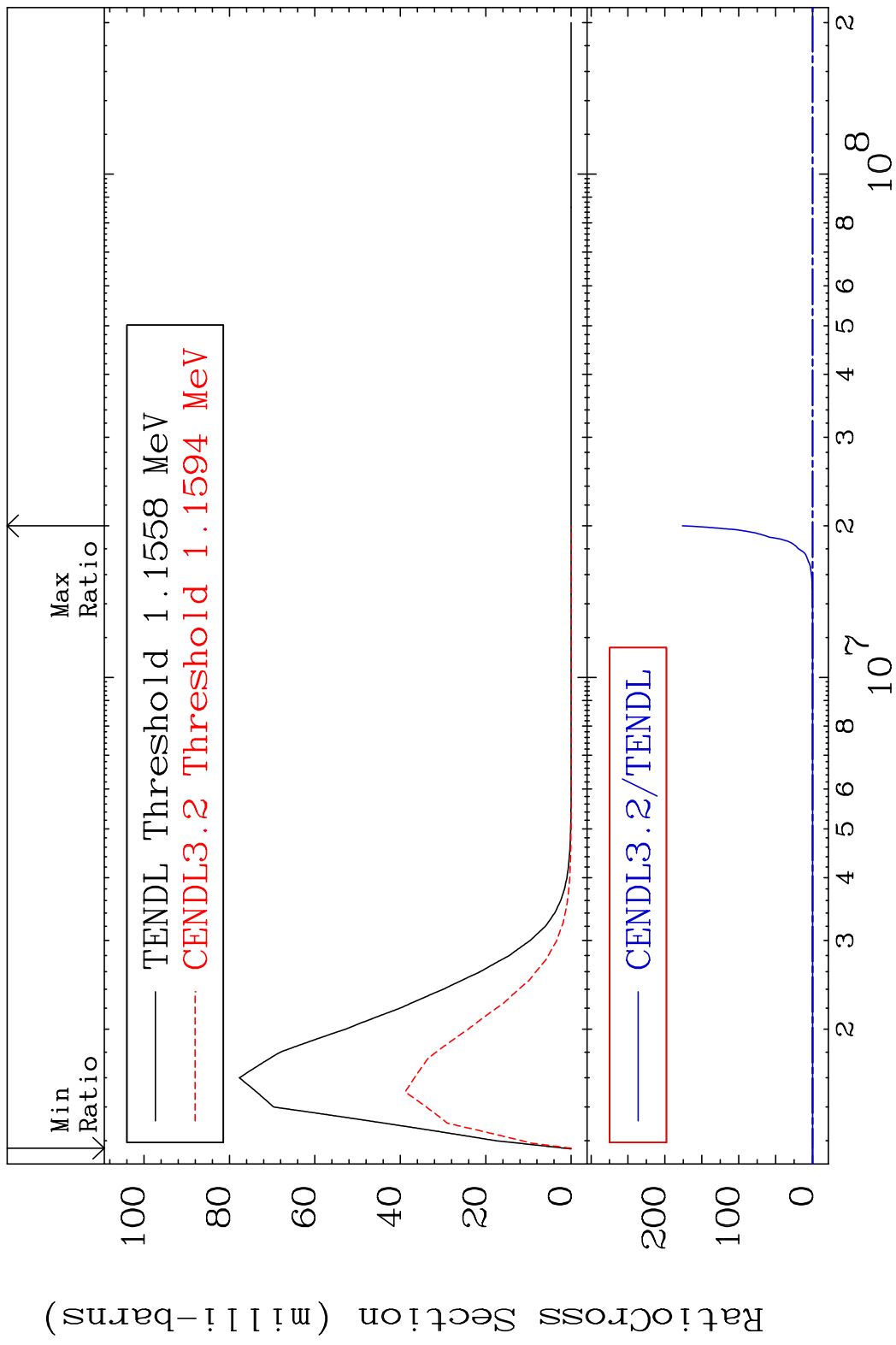
MAT 9446 MT= 67 (n, n') Level 94-Pu-242
 Cross Section -100.0 To -92.55%



MAT 9446 MT= 68 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 1292. %

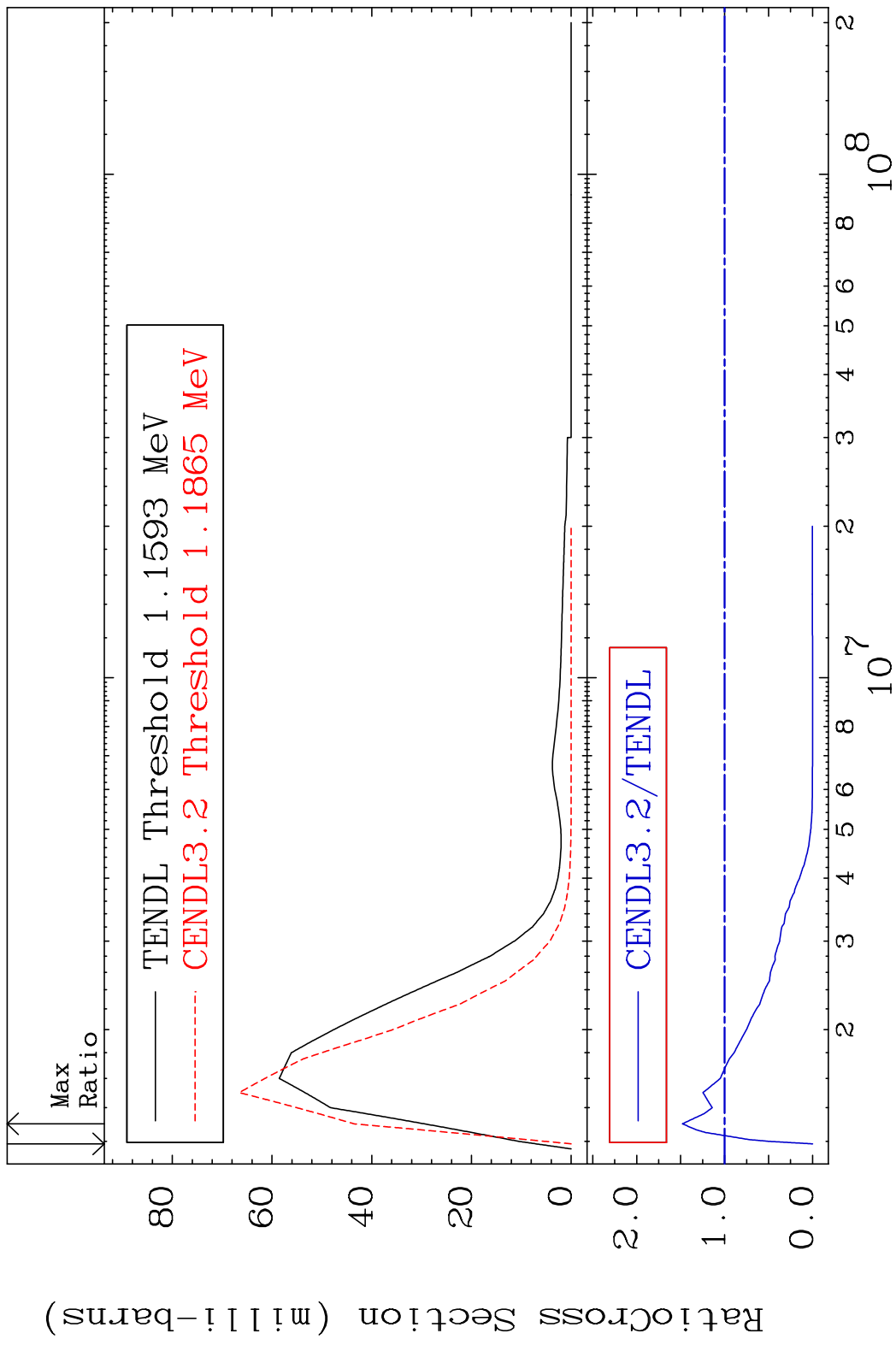


MAT 9446 MT= 69 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 9999. %



25 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 70 (n, n') Level 94-Pu-242
 Cross Section -100.0 To 48.07 %

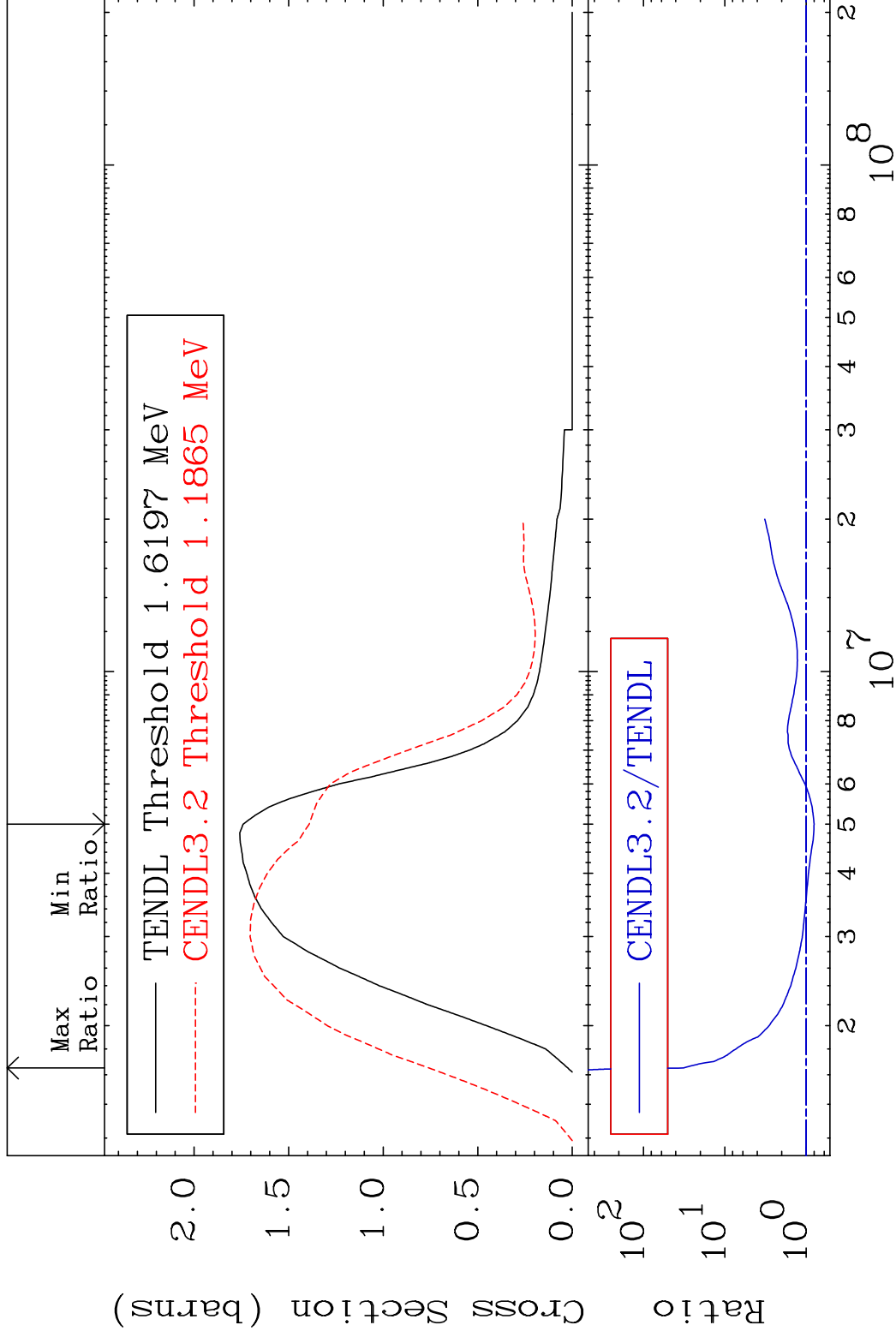


MAT 9446

(n, n') Continuum

94-Pu-242

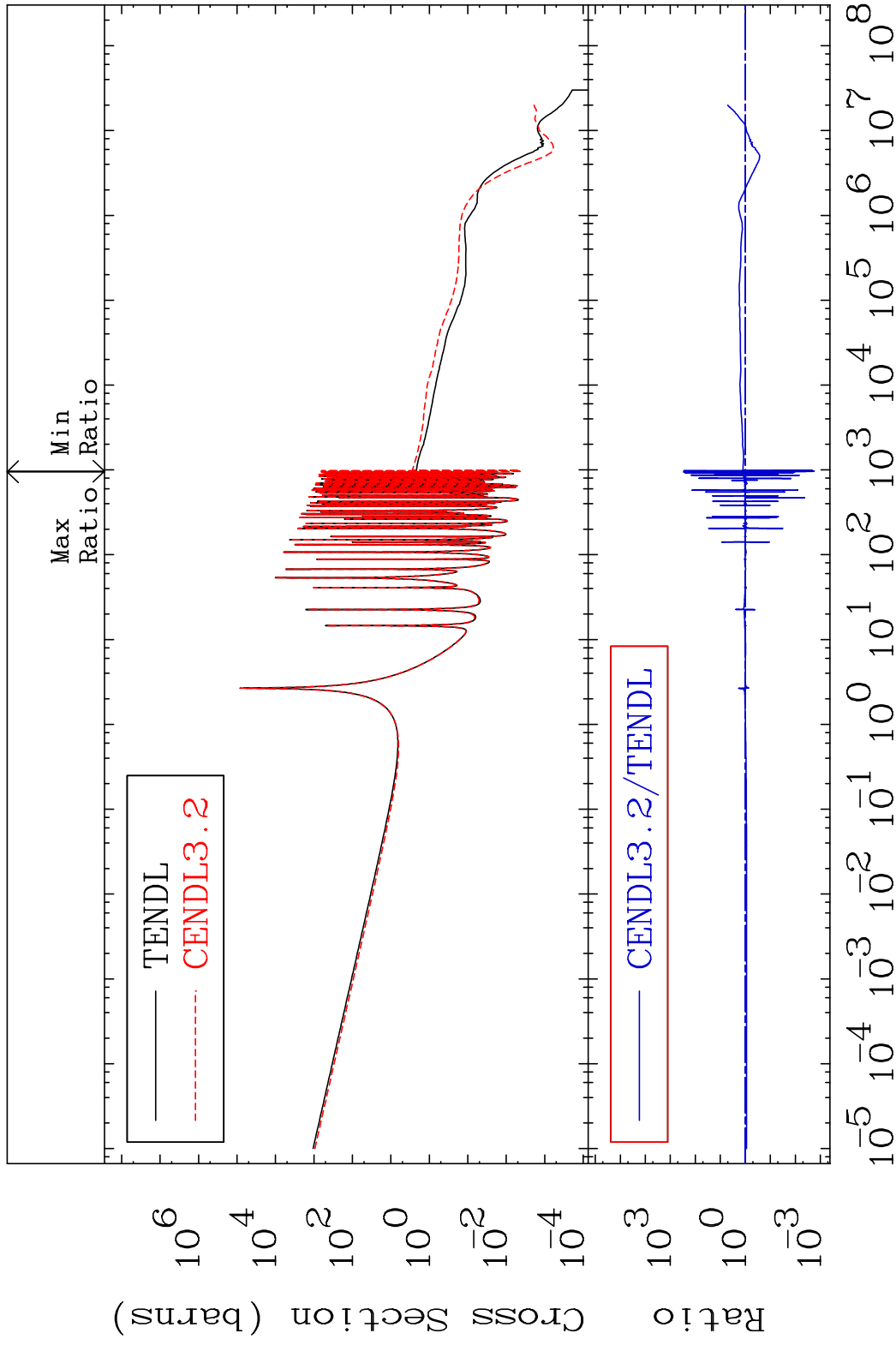
Cross Section -20.05 To 3102. %



MAT 9446

(n, γ)
Cross Section -99.82 To 9999. %

94-Pu-242



28

Incident Energy (eV)

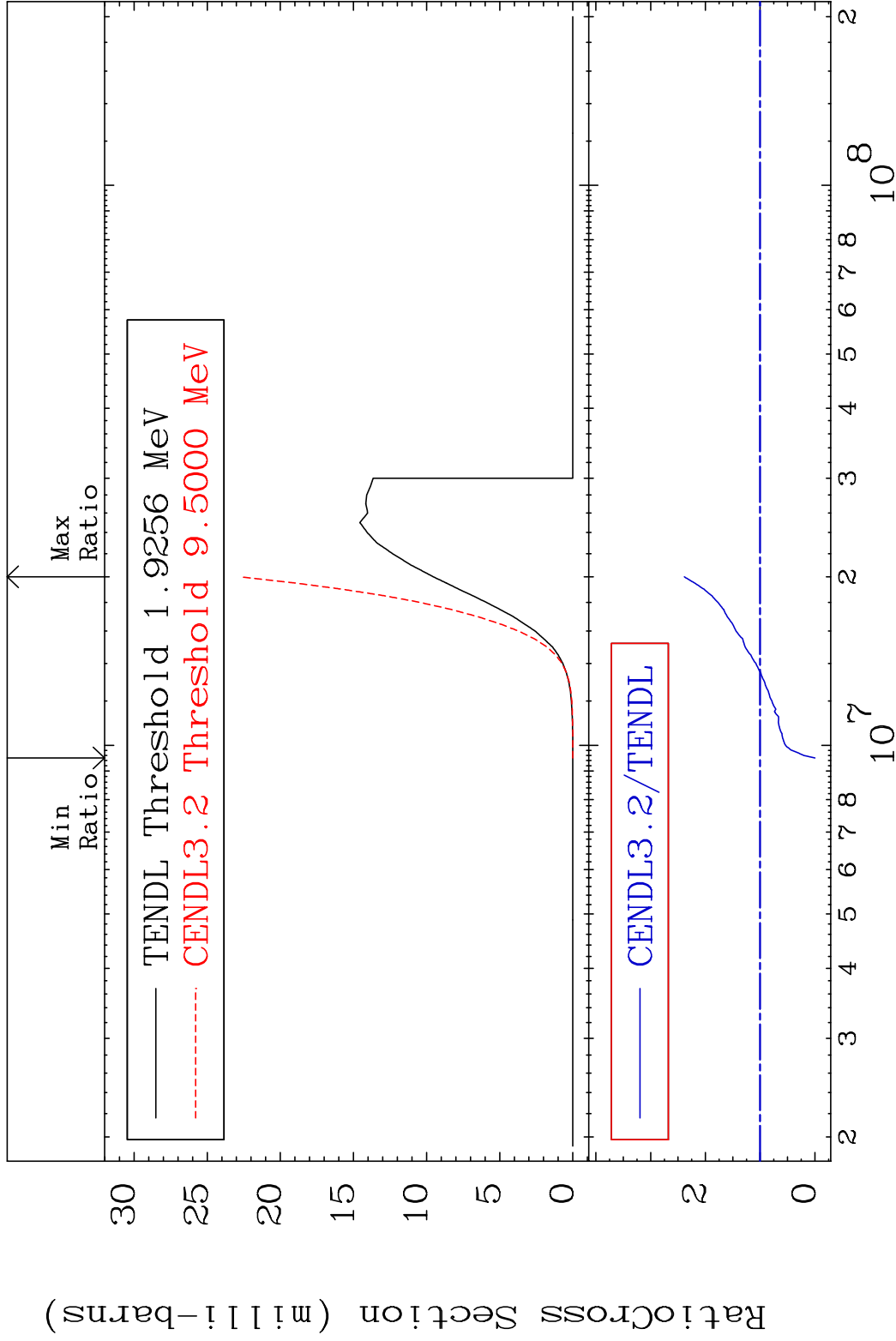
94-Pu-242

MAT 9446

(n, p)

94-Pu-242

Cross Section -100.0 To 138.5 %



29

Incident Energy (eV)

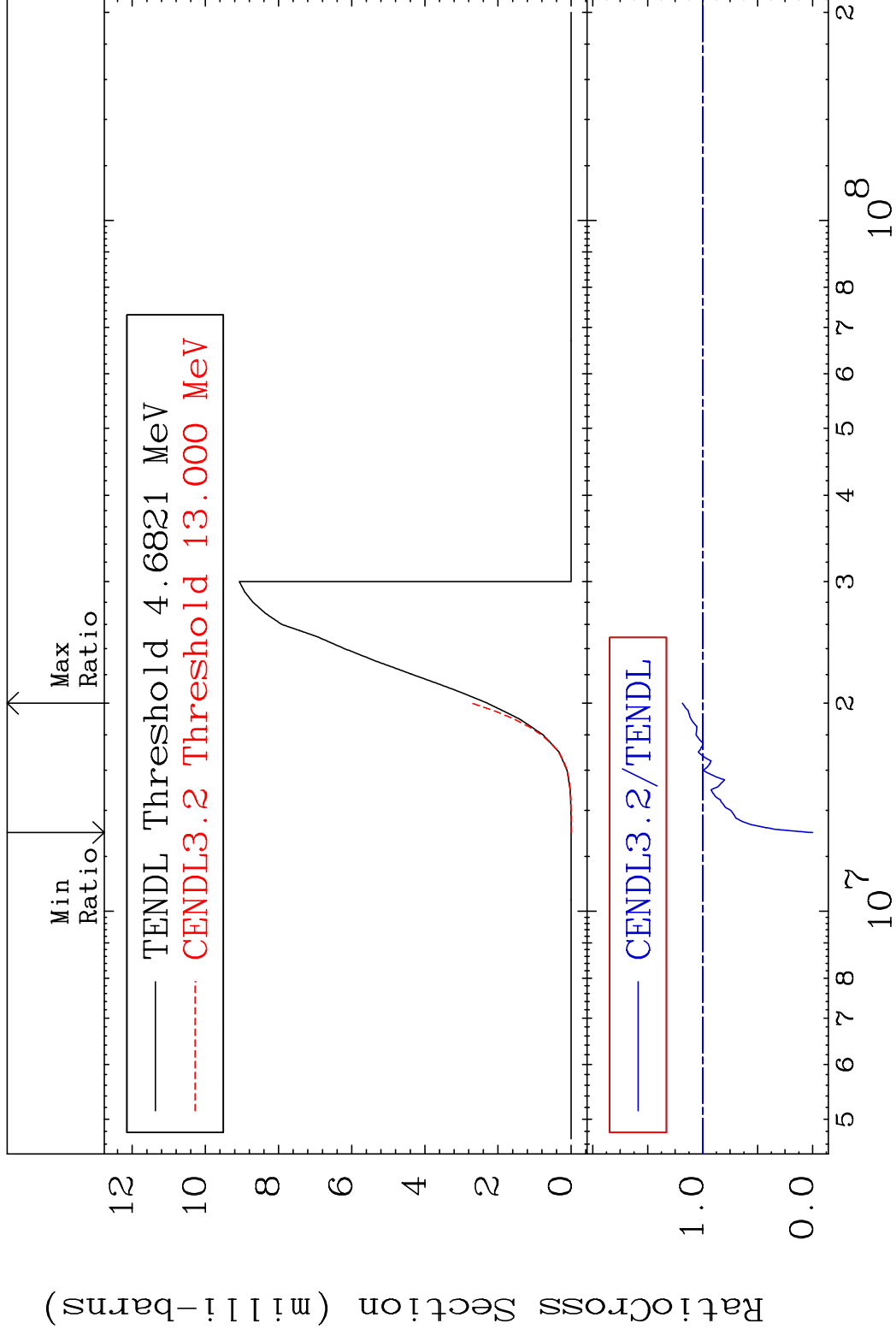
94-Pu-242

MAT 9446

(n, d)

94-Pu-242

Cross Section -100.0 To 18.46 %

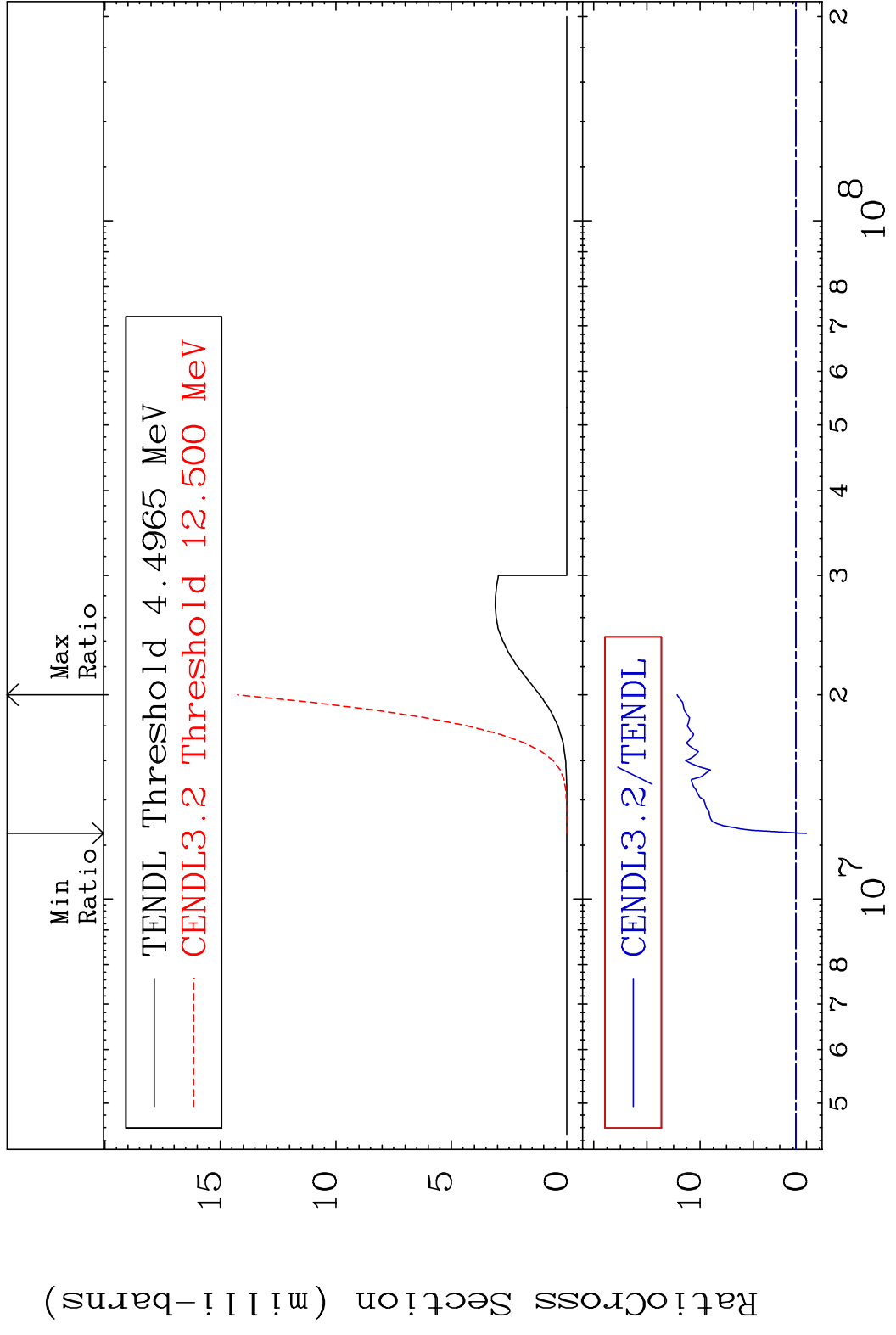


30

Incident Energy (eV)

94-Pu-242

MAT 9446 (n, t) 94-Pu-242
 Cross Section -100.0 To 1115. %

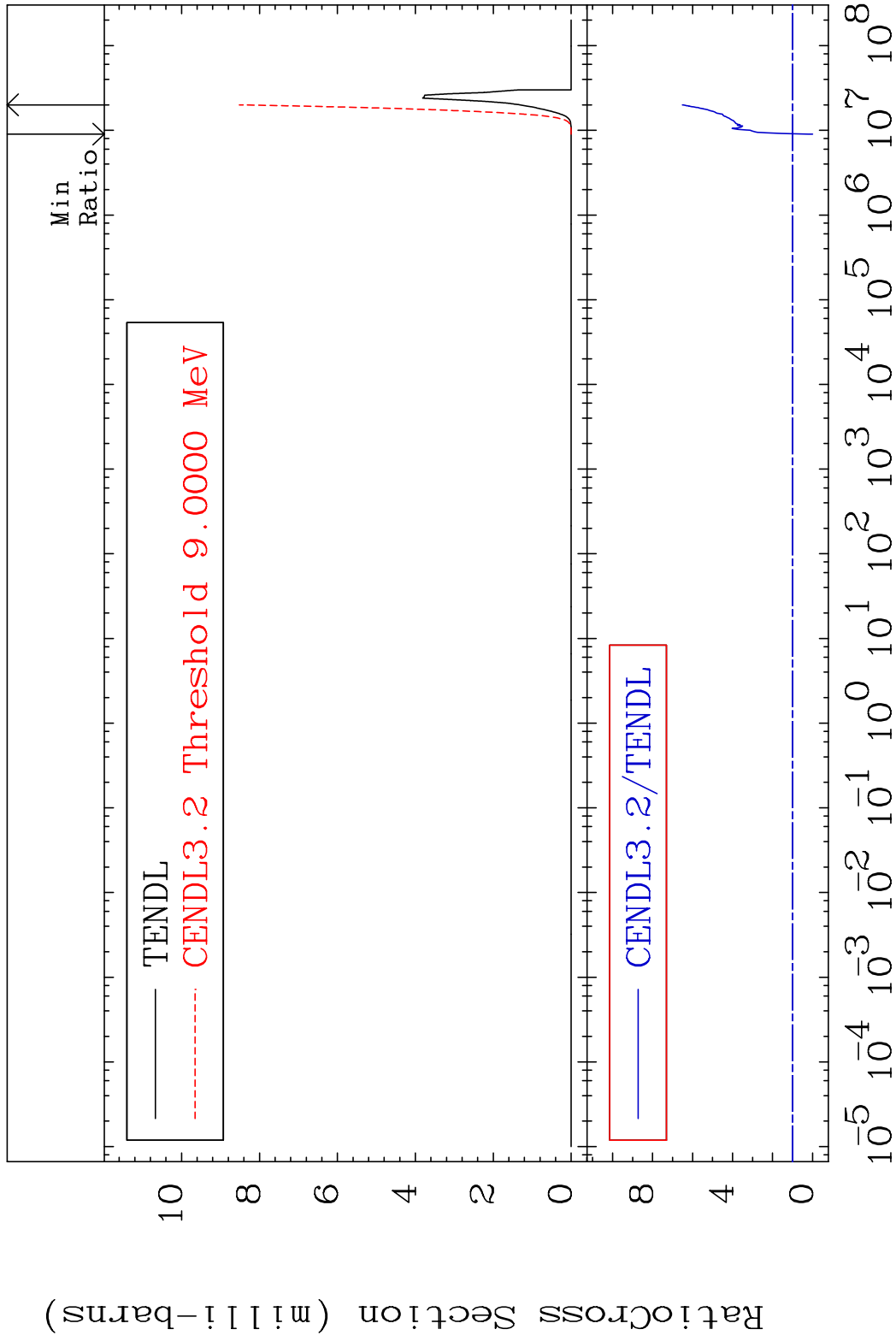


MAT 9446

(n, α)

94-Pu-242

Cross Section -100.0 To 551.0 %

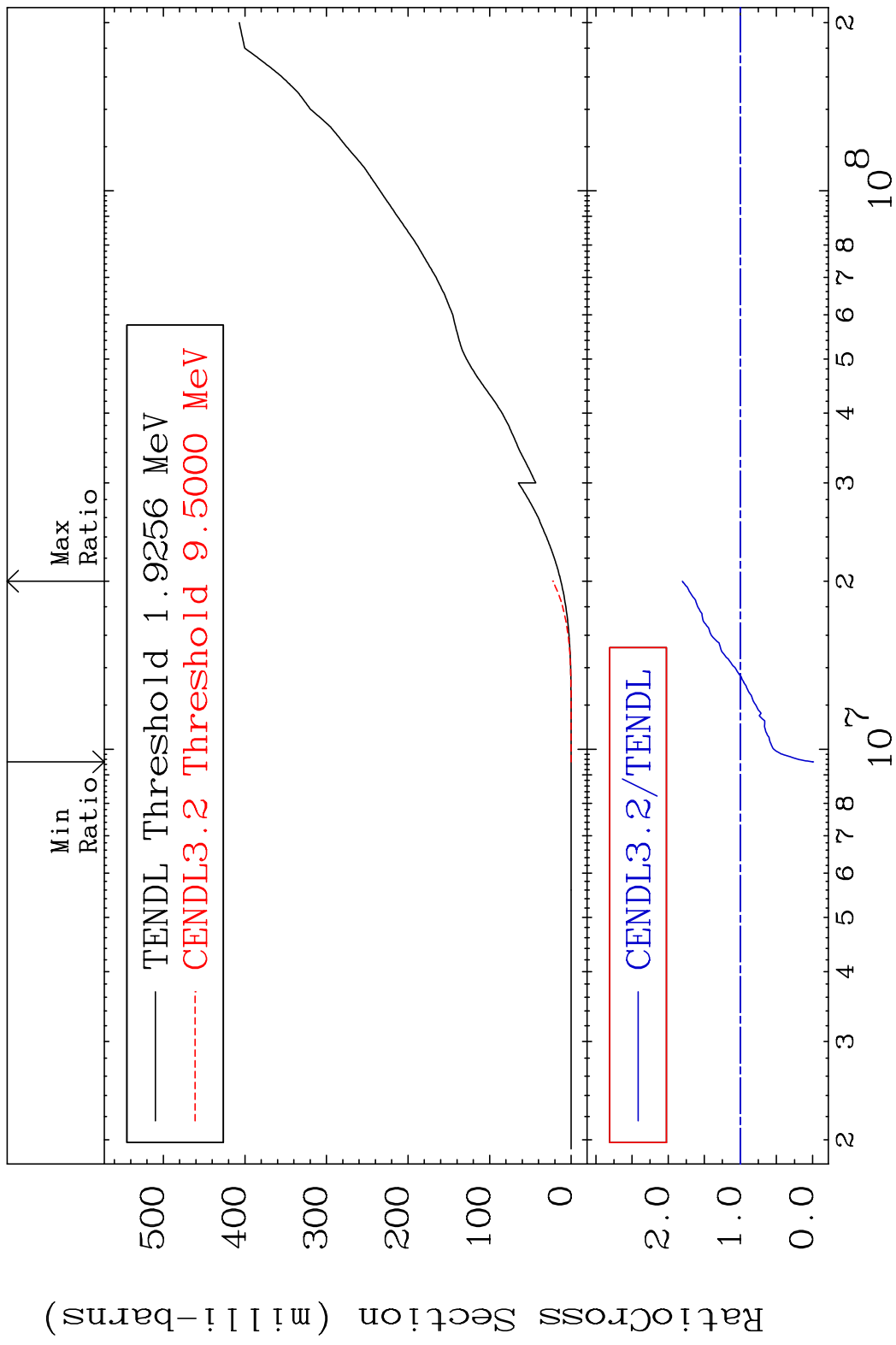


32

Incident Energy (eV)

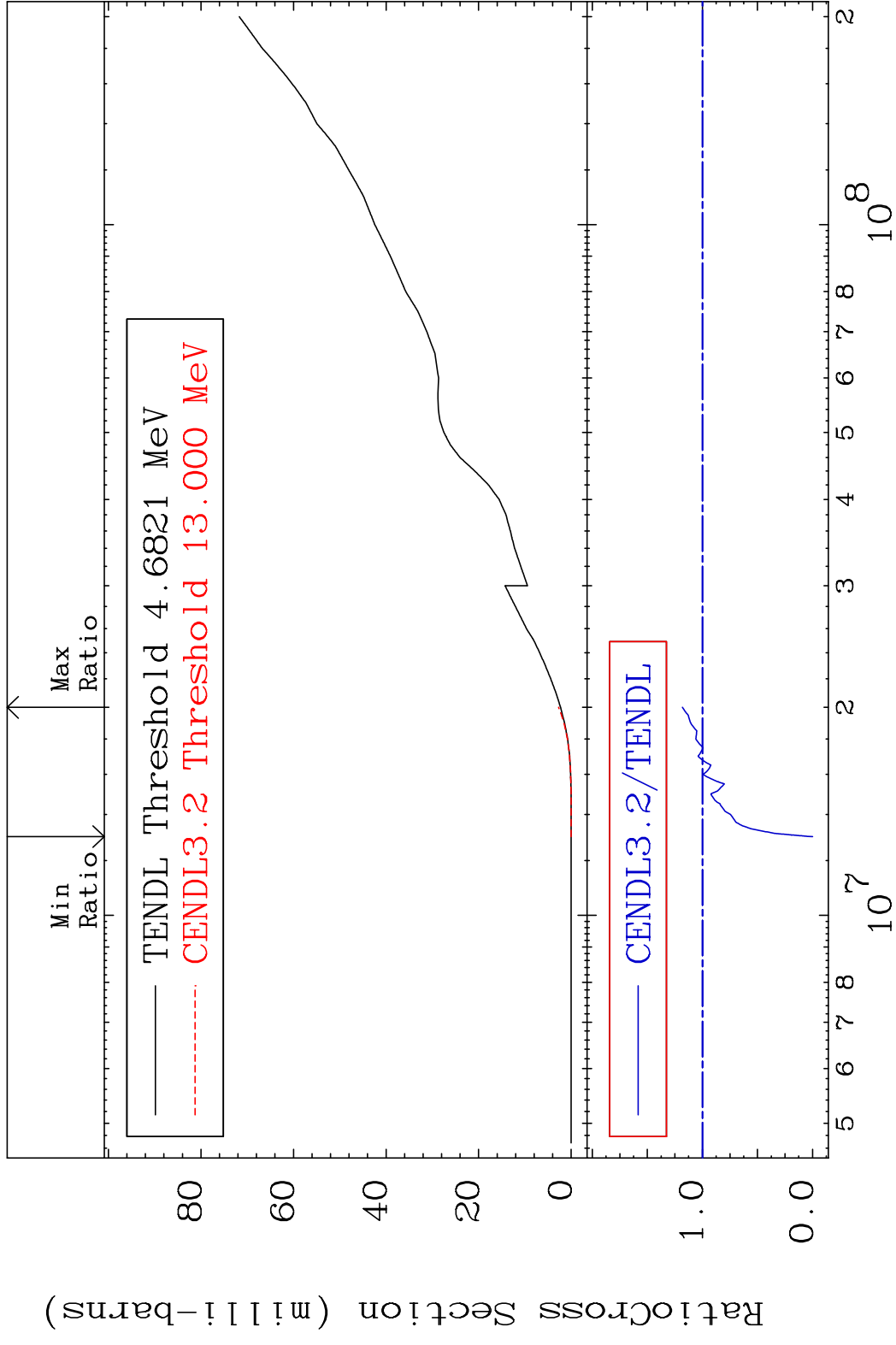
94-Pu-242

MAT 9446 Hydrogen Production 94-Pu-242
 Cross Section -100.0 To 80.34 %

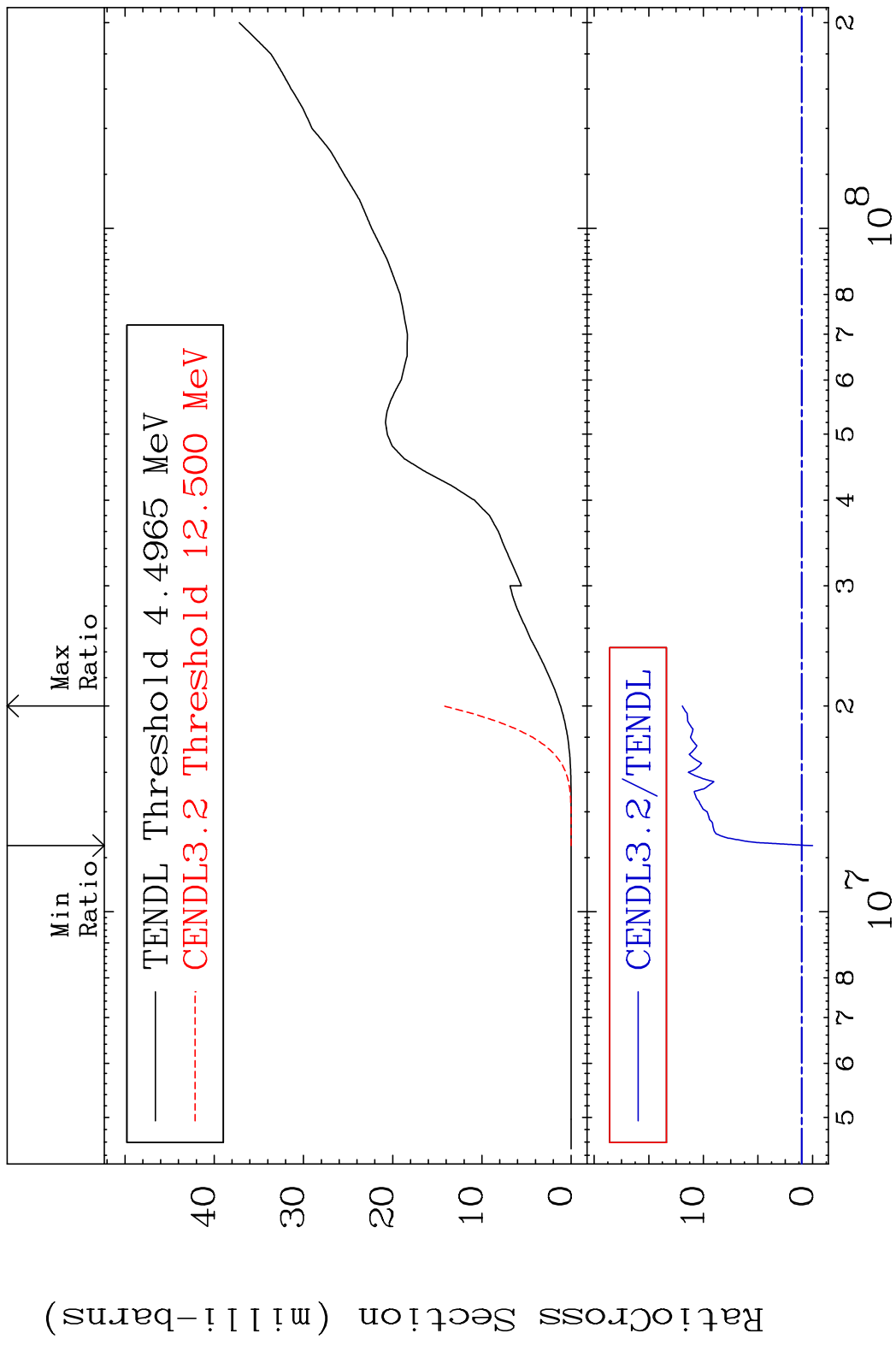


MAT 9446

Deuterium Production 94-Pu-242
Cross Section -100.0 To 18.22 %



MAT 9446 Tritium Production 94-Pu-242
 Cross Section -100.0 To 1093. %

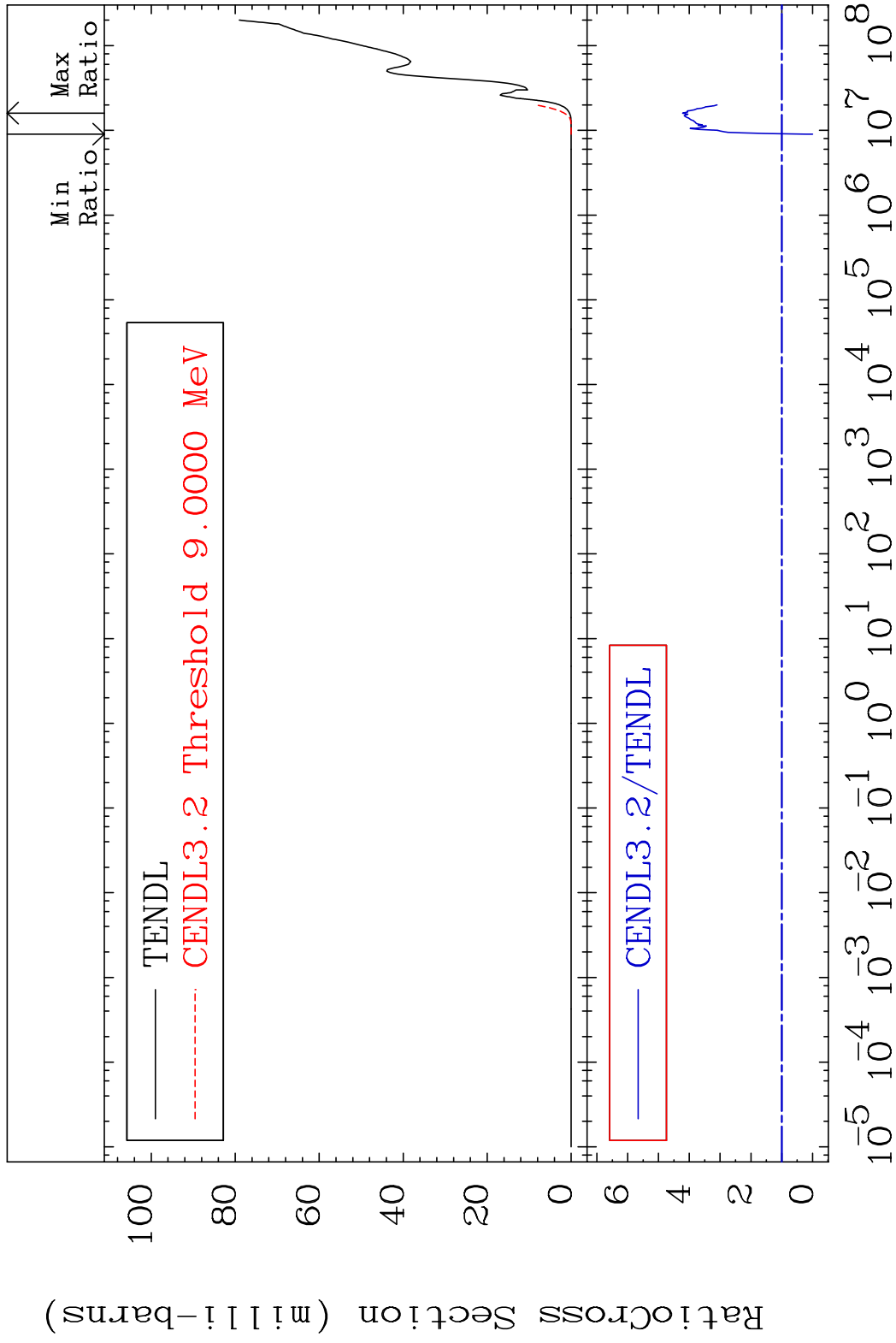


MAT 9446

He-4 Production

94-Pu-242

Cross Section -100.0 To 322.6 %

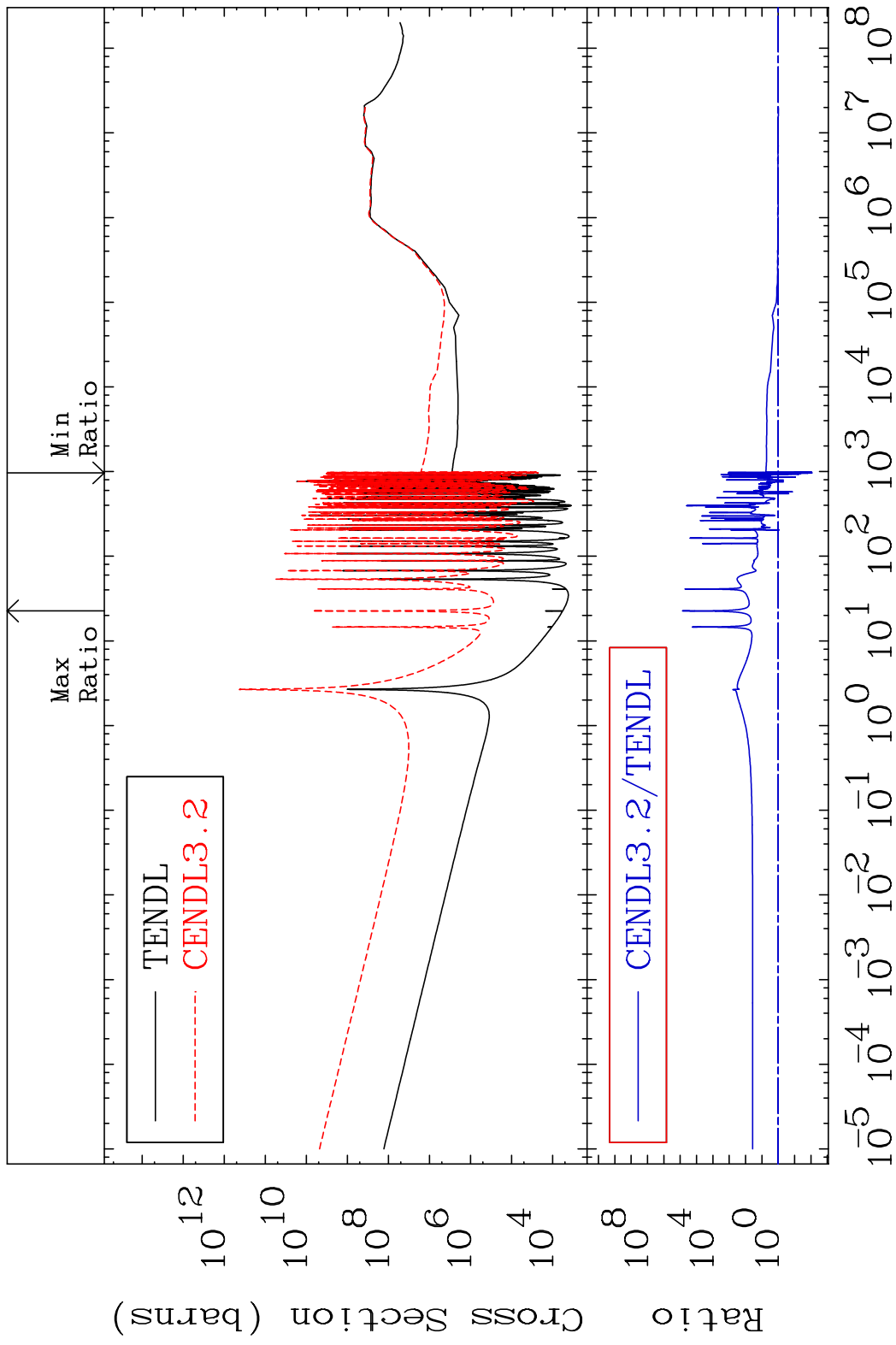


36

Incident Energy (eV)

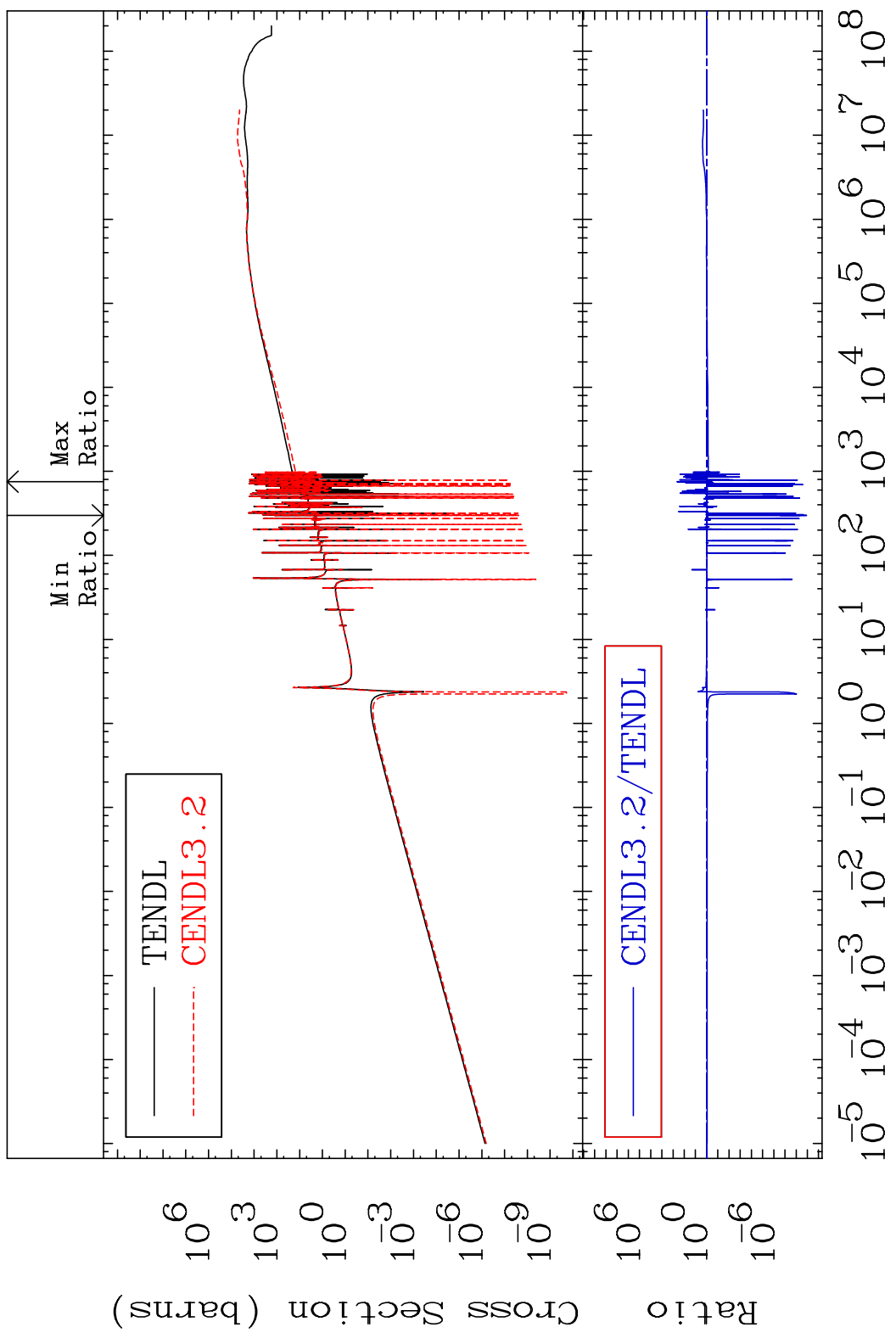
94-Pu-242

MAT 9446 Kerma total (eV-barns) 94-Pu-242
 Cross Section -99.20 To 9999. %

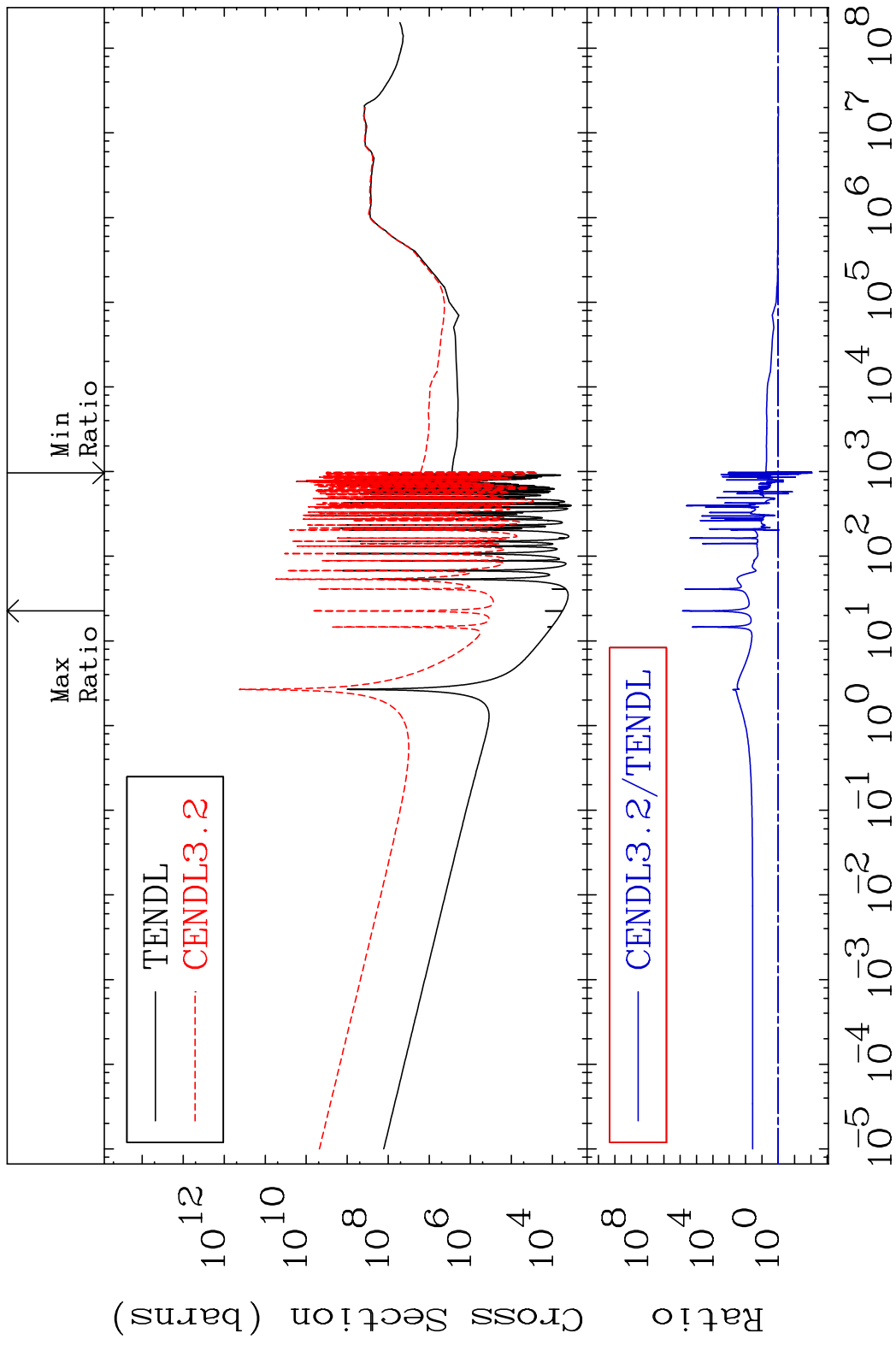


MAT 9446

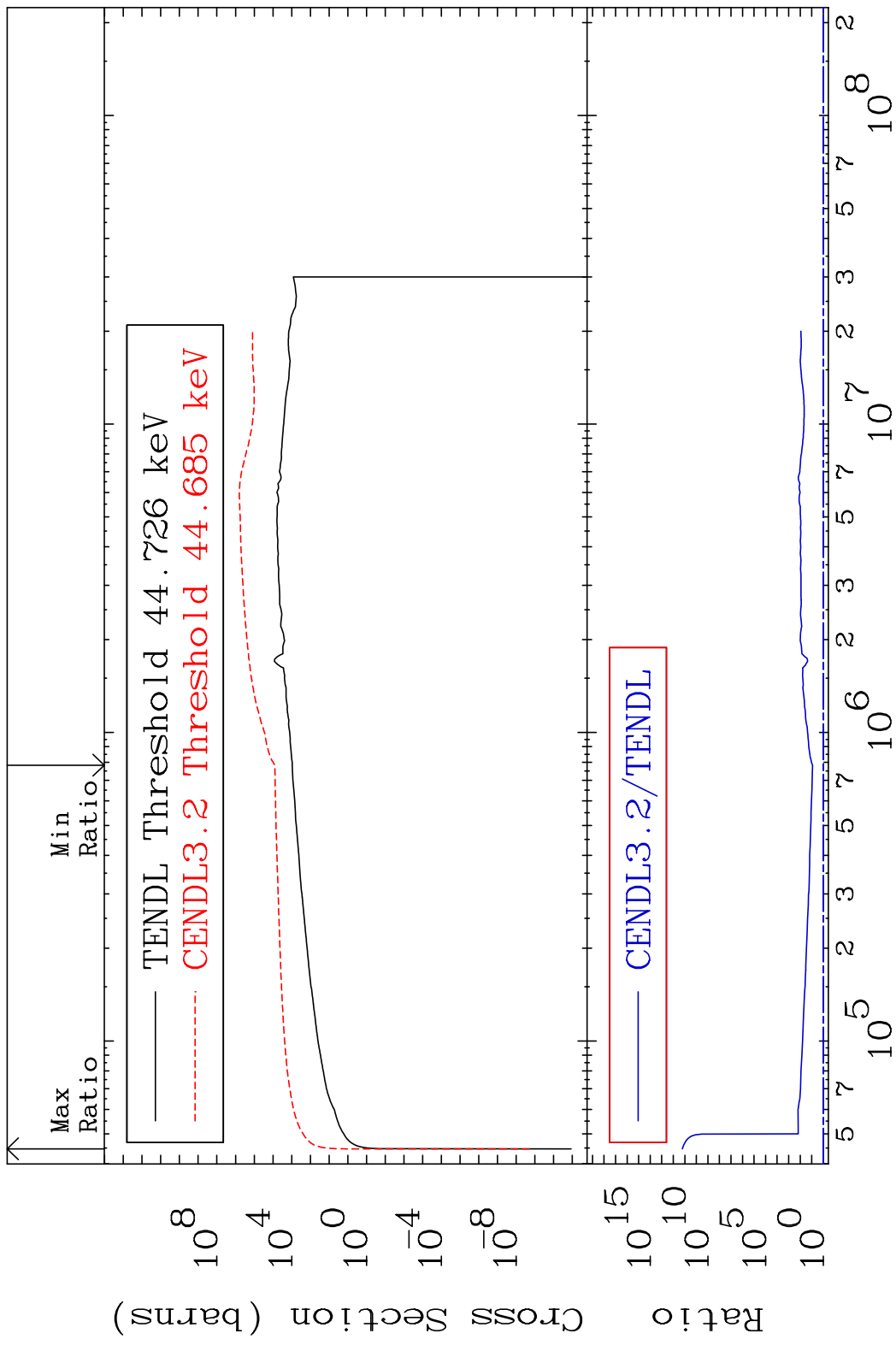
Kerma elastic Cross Section -100.0 To 9999. %
94-Pu-242



MAT 9446 Kerma non-elastic (all but mt2) 94-Pu-242
 Cross Section -99.21 To 9999. %

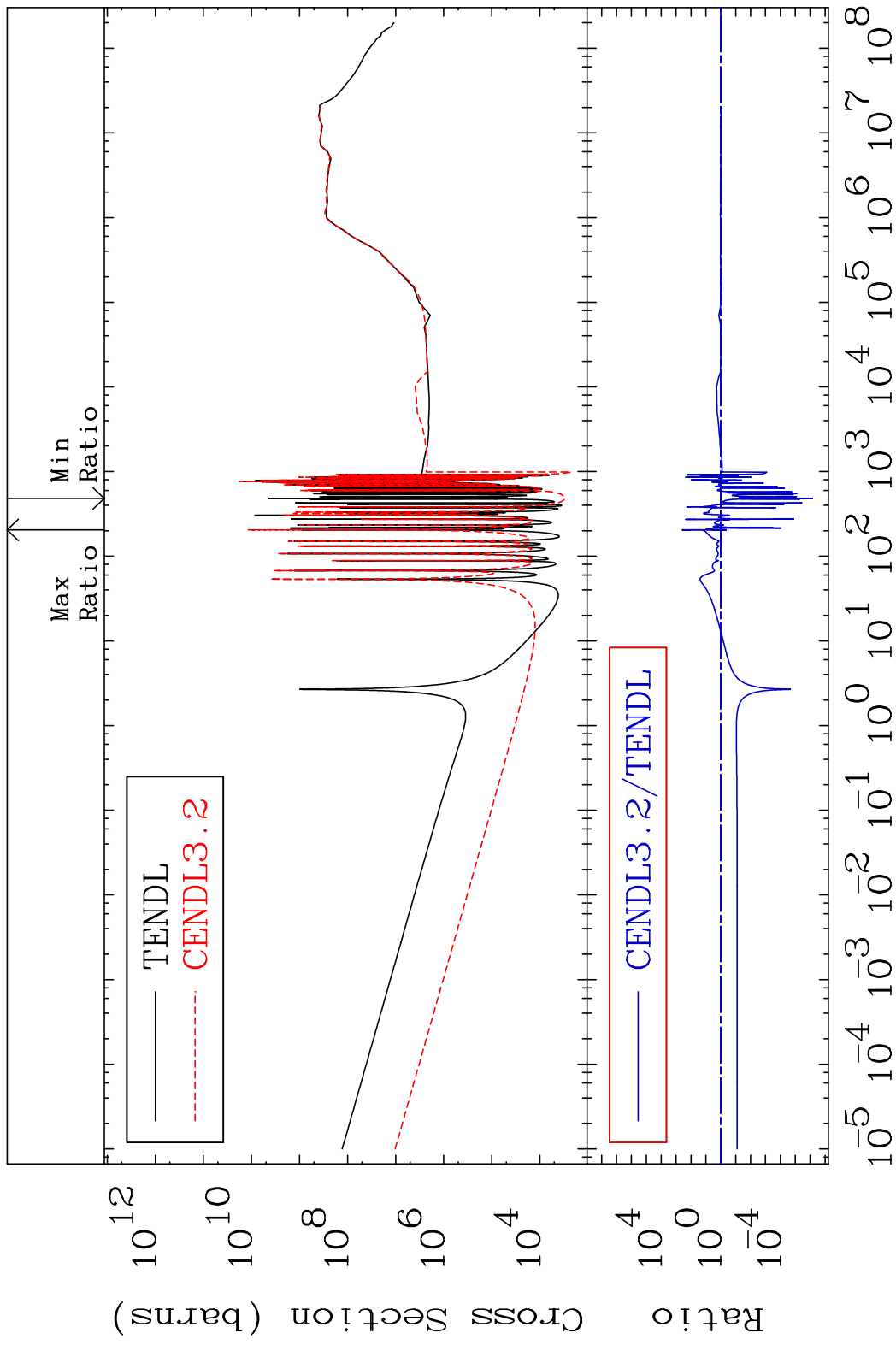


MAT 9446 Kerma inelastic (mt51-91) 94-Pu-242
 Cross Section 745.7 To 9999. %



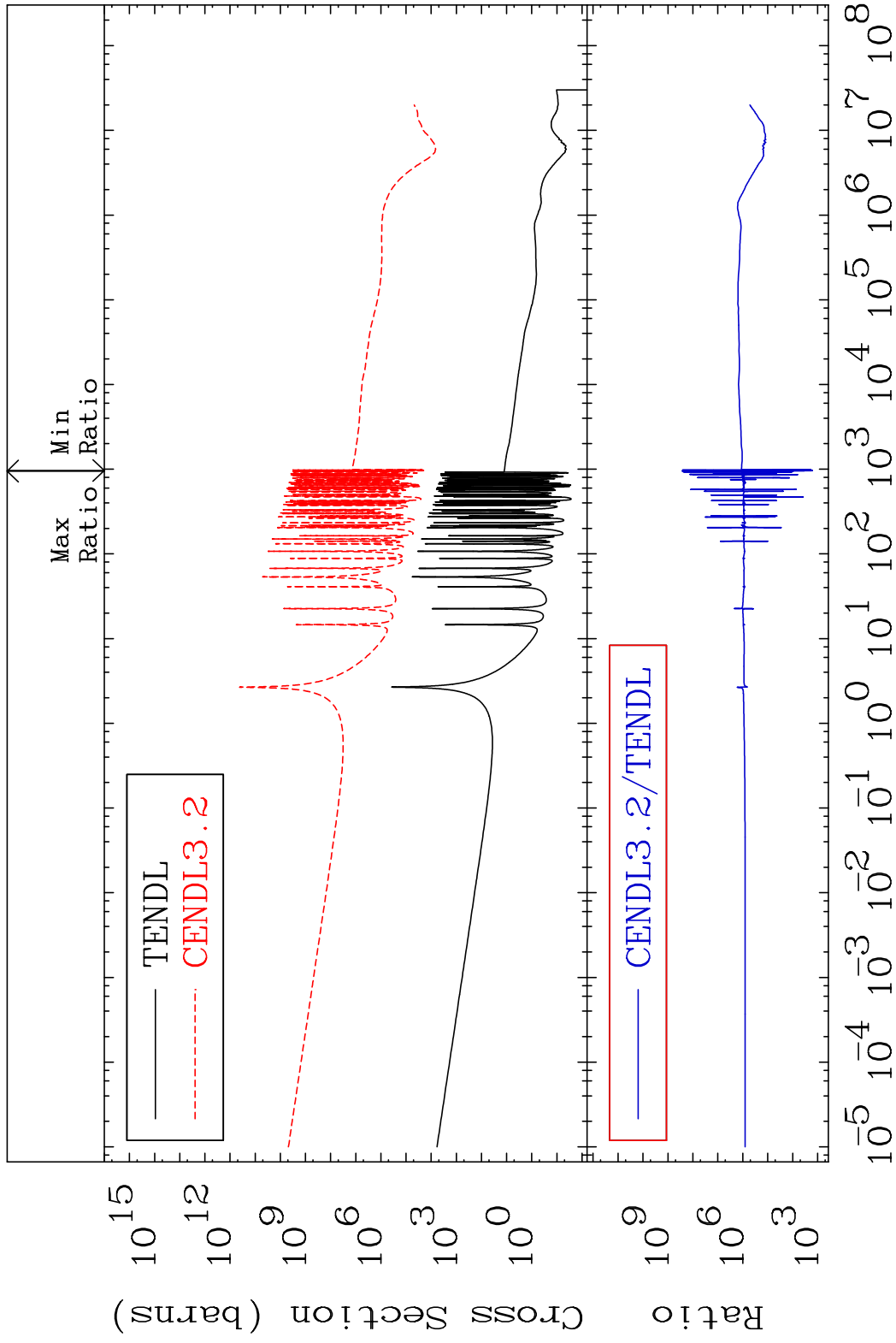
40 Incident Energy (eV) 94-Pu-242

MAT 9446 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-242
 Cross Section -100.0 To 9999. %



MAT 9446

Kerma capture (mt102) 94-Pu-242
Cross Section 9999. To 9999. %

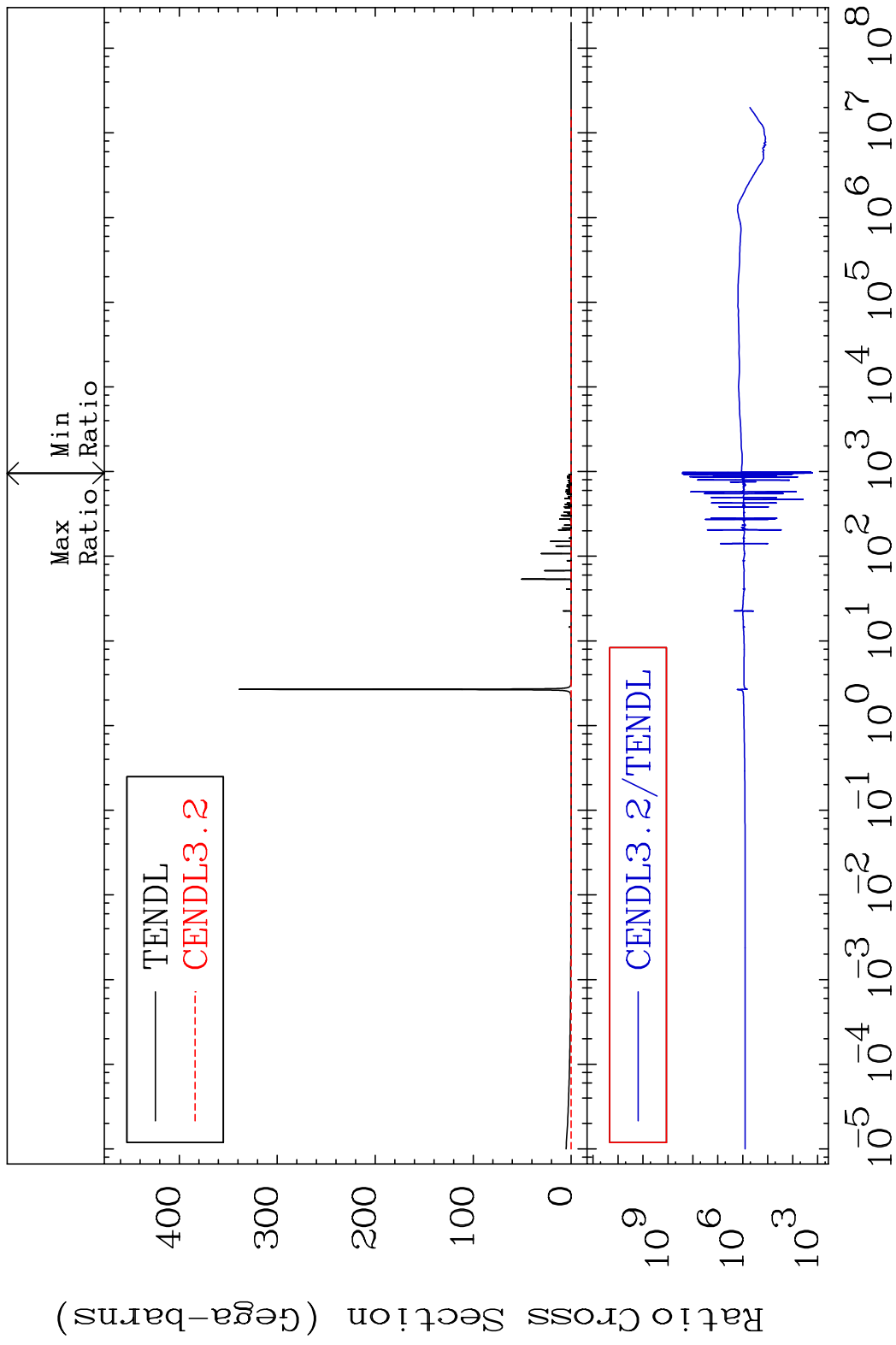


42

Incident Energy (eV)

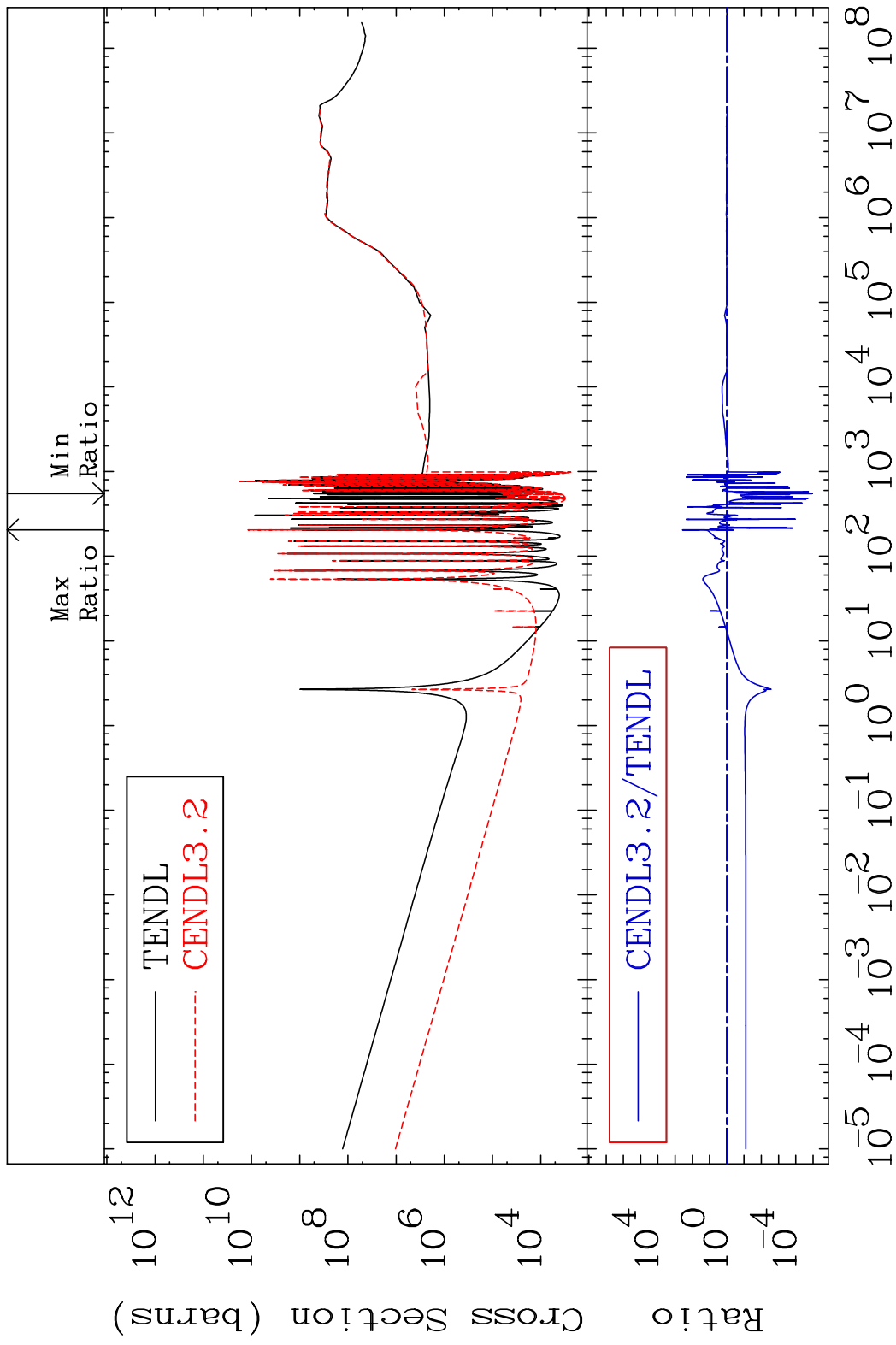
94-Pu-242

MAT 9446 Total photon (eV-barns) 94-Pu-242
Cross Section 9999. To 9999. %

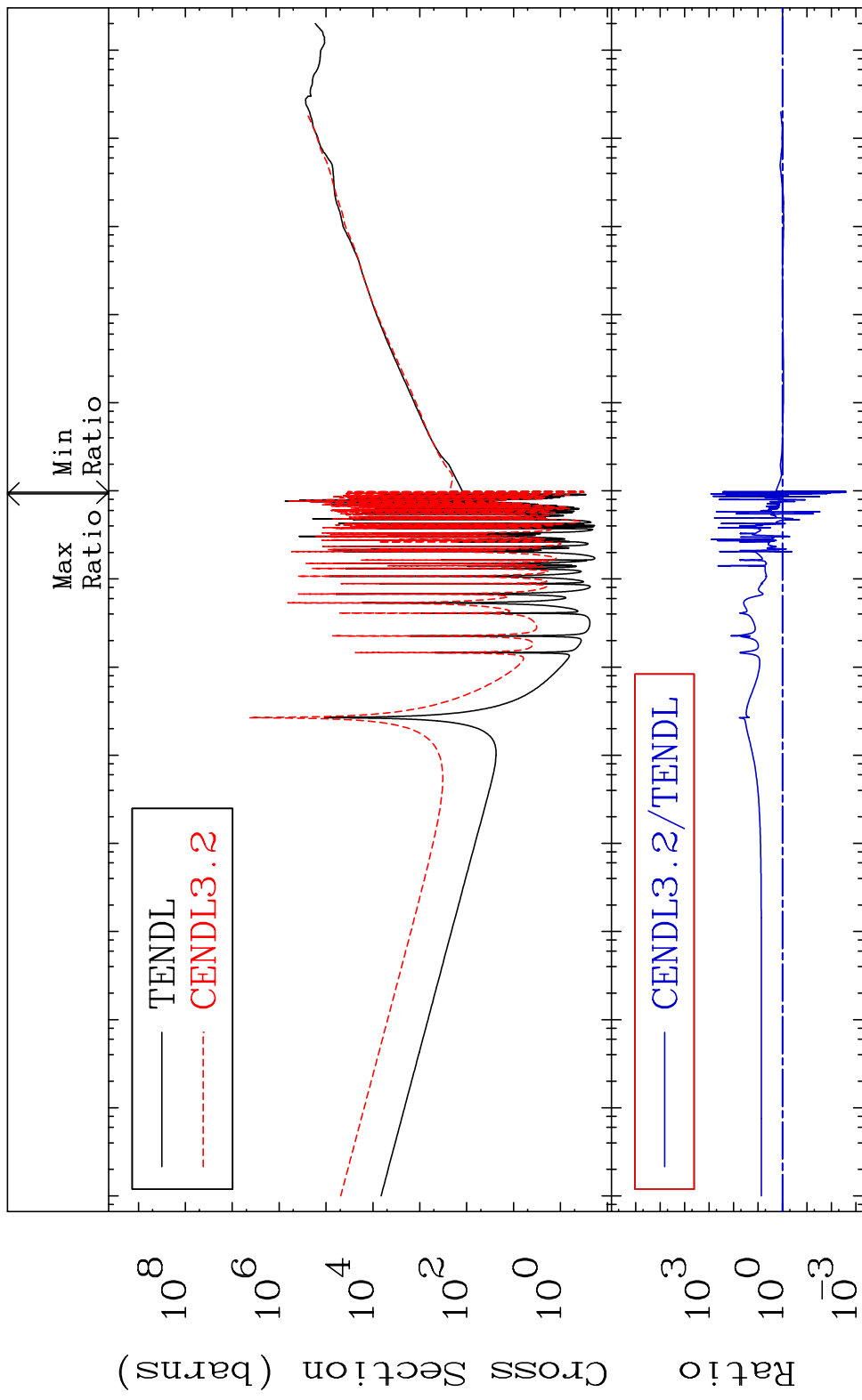


43 Incident Energy (eV) 94-Pu-242

MAT 9446 Total kinematic kerma (high limit) 94-Pu-242
 Cross Section -100.0 To 9999. %



MAT 9446 Dpa total (eV-barns) 94-Pu-242
 Cross Section -99.75 To 9999. %



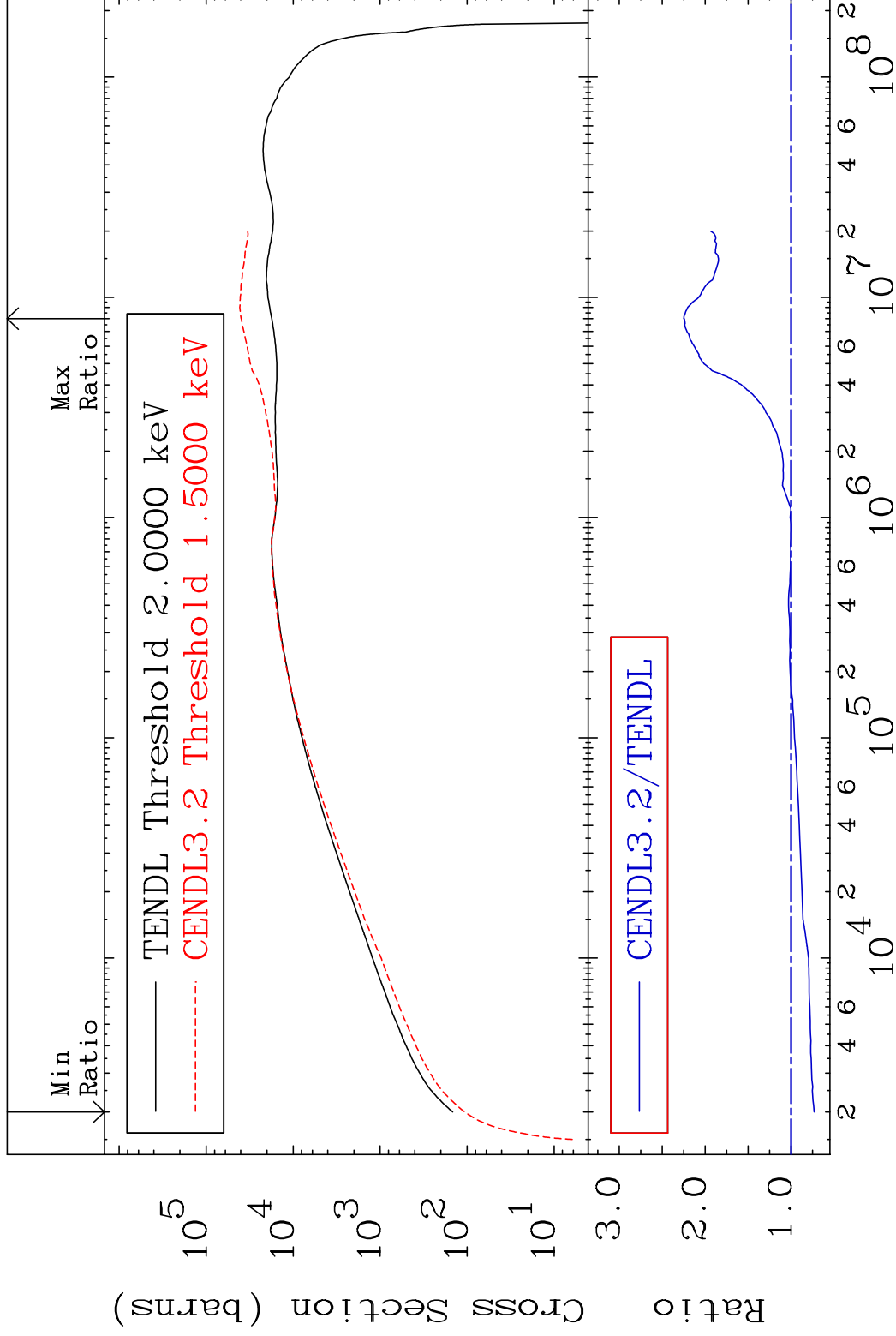
MAT 9446

Dpa elastic (mt2)

94-Pu-242

Cross Section

-26.80 To 125.0 %

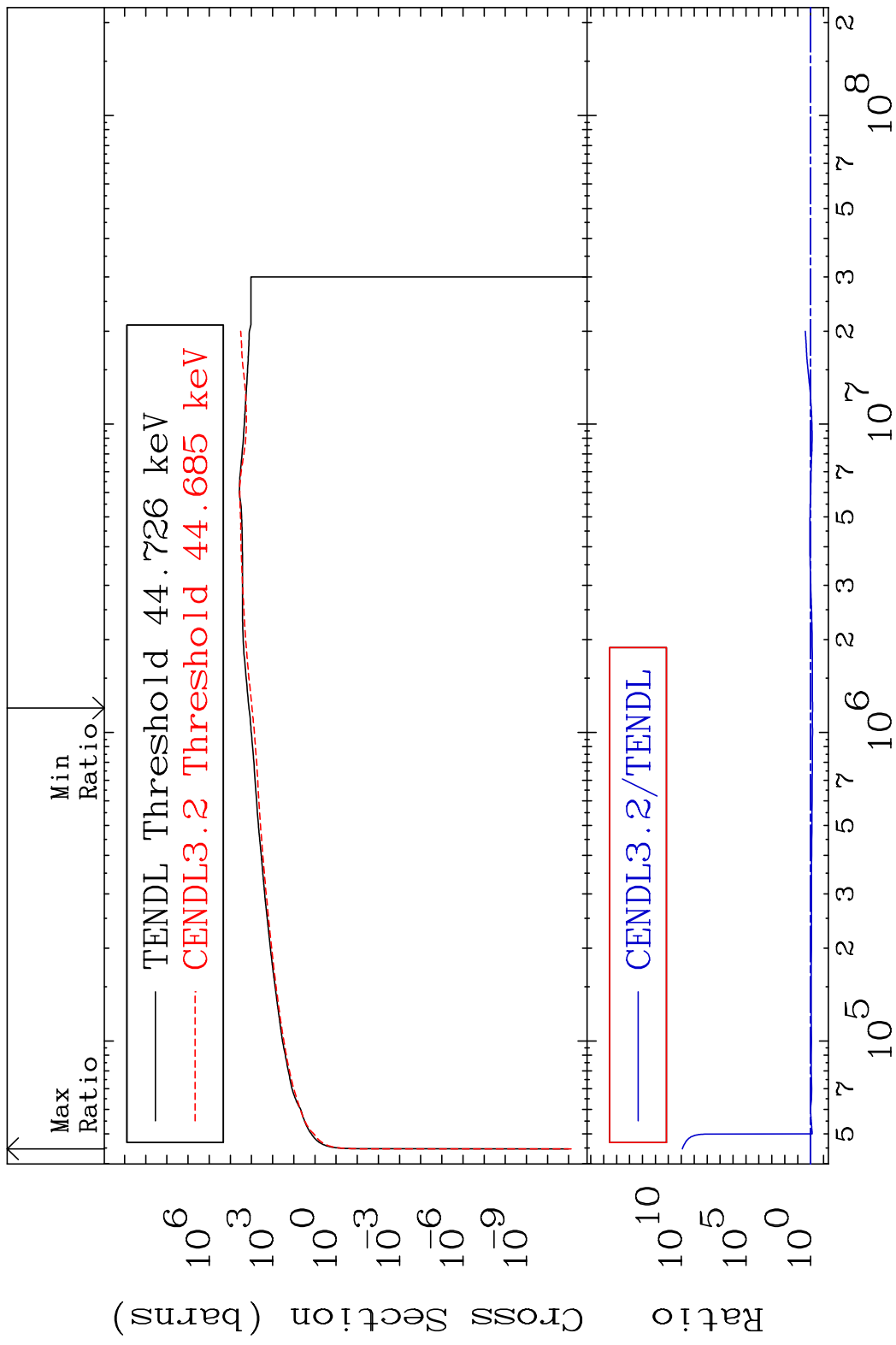


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Incident Energy (eV)

94-Pu-242

MAT 9446 Dpa inelastic (mt51-91) 94-Pu-242
 Cross Section -28.99 To 9999. %



MAT 9446 Dpa disappearance (mt102 -120) 94-Pu-242
 Cross Section -90.10 To 9999. %

