

Program Complot  
(Version 2021-1)

by

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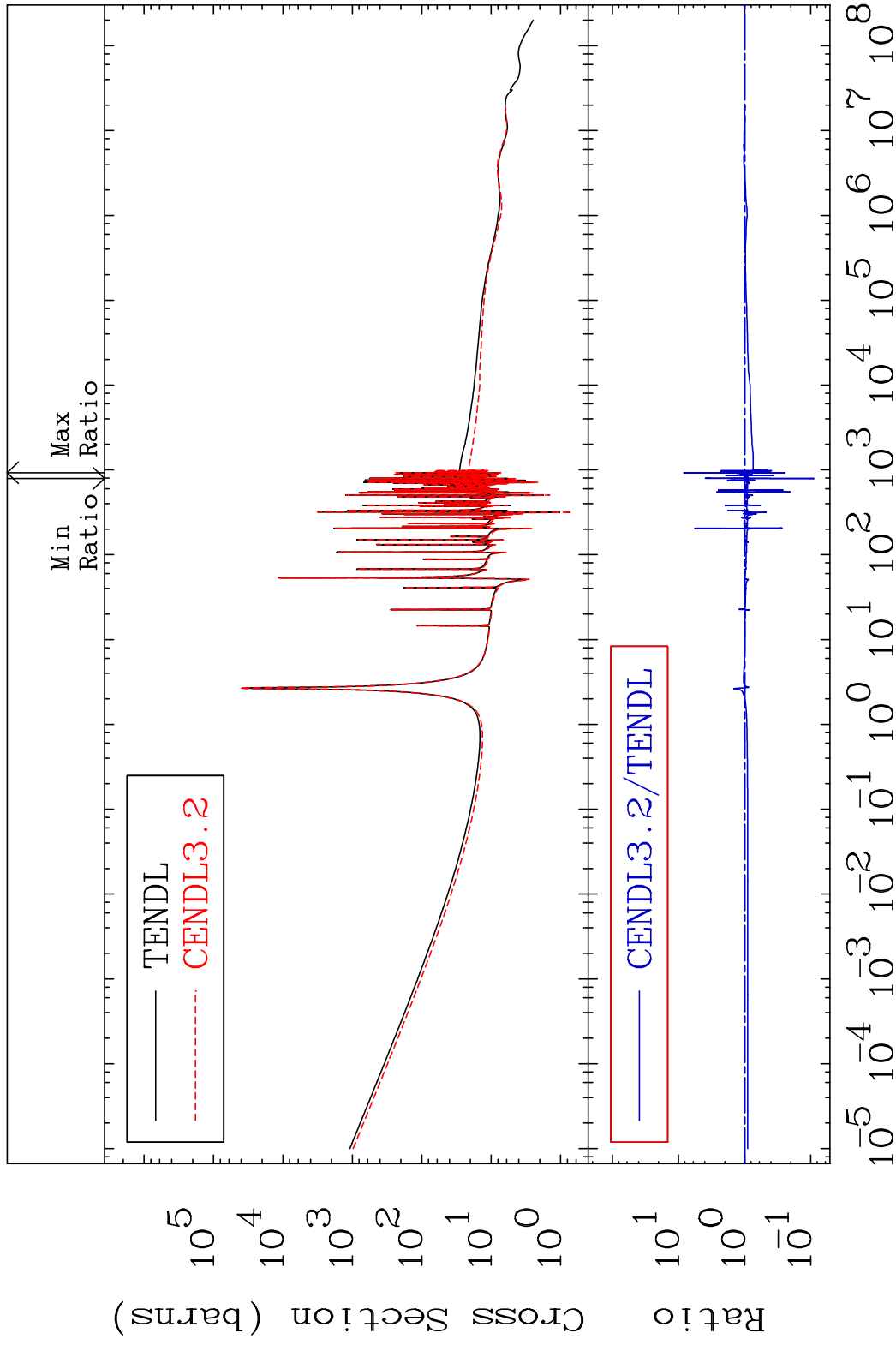
Press Mouse Button to Start

MAT 9446

Total

94-Pu-242

Cross Section -91.10 To 735.7 %



1

Incident Energy (eV)

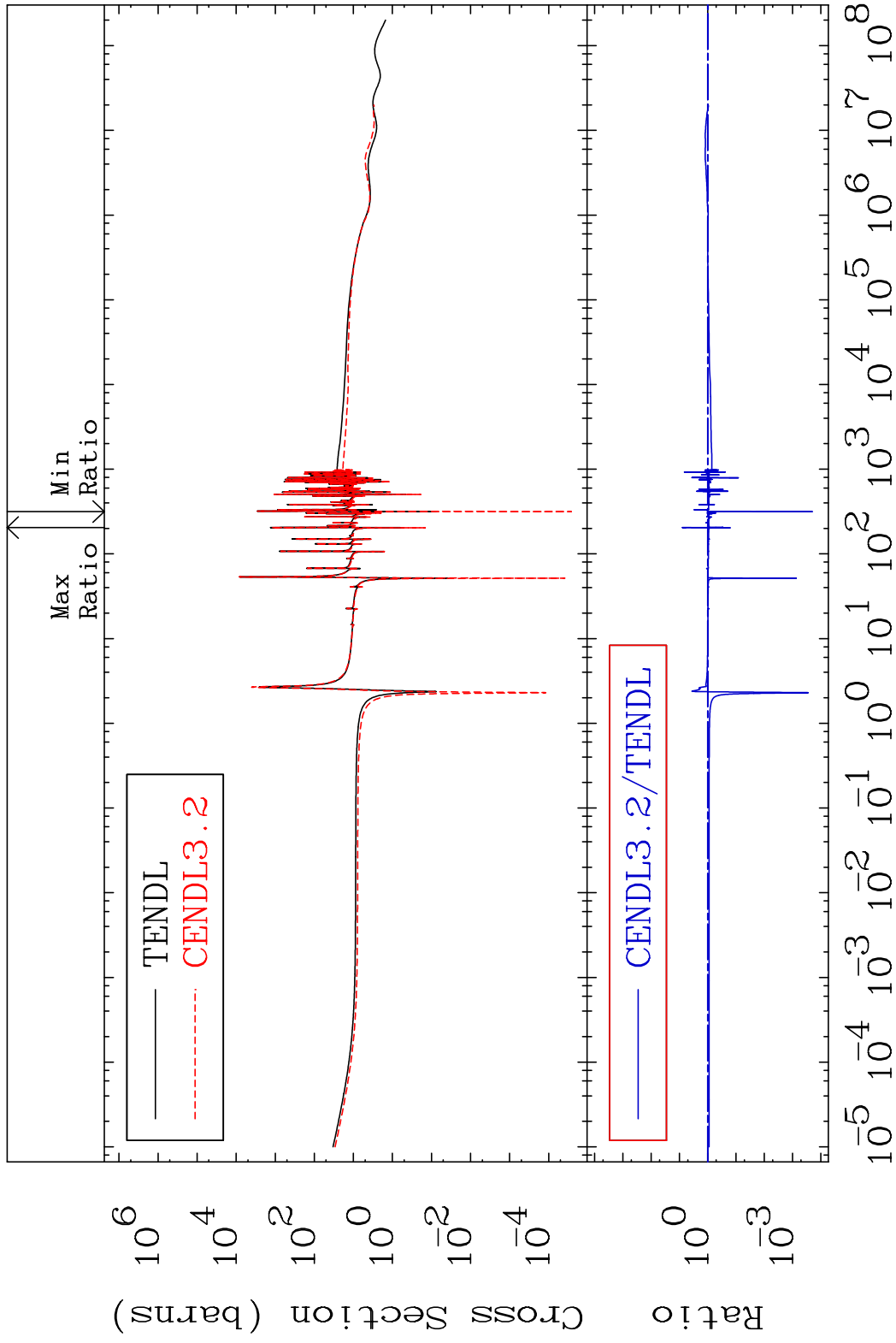
94-Pu-242

MAT 9446

Elastic

94-Pu-242

Cross Section -99.98 To 685.4 %



2

Incident Energy (eV)

94-Pu-242

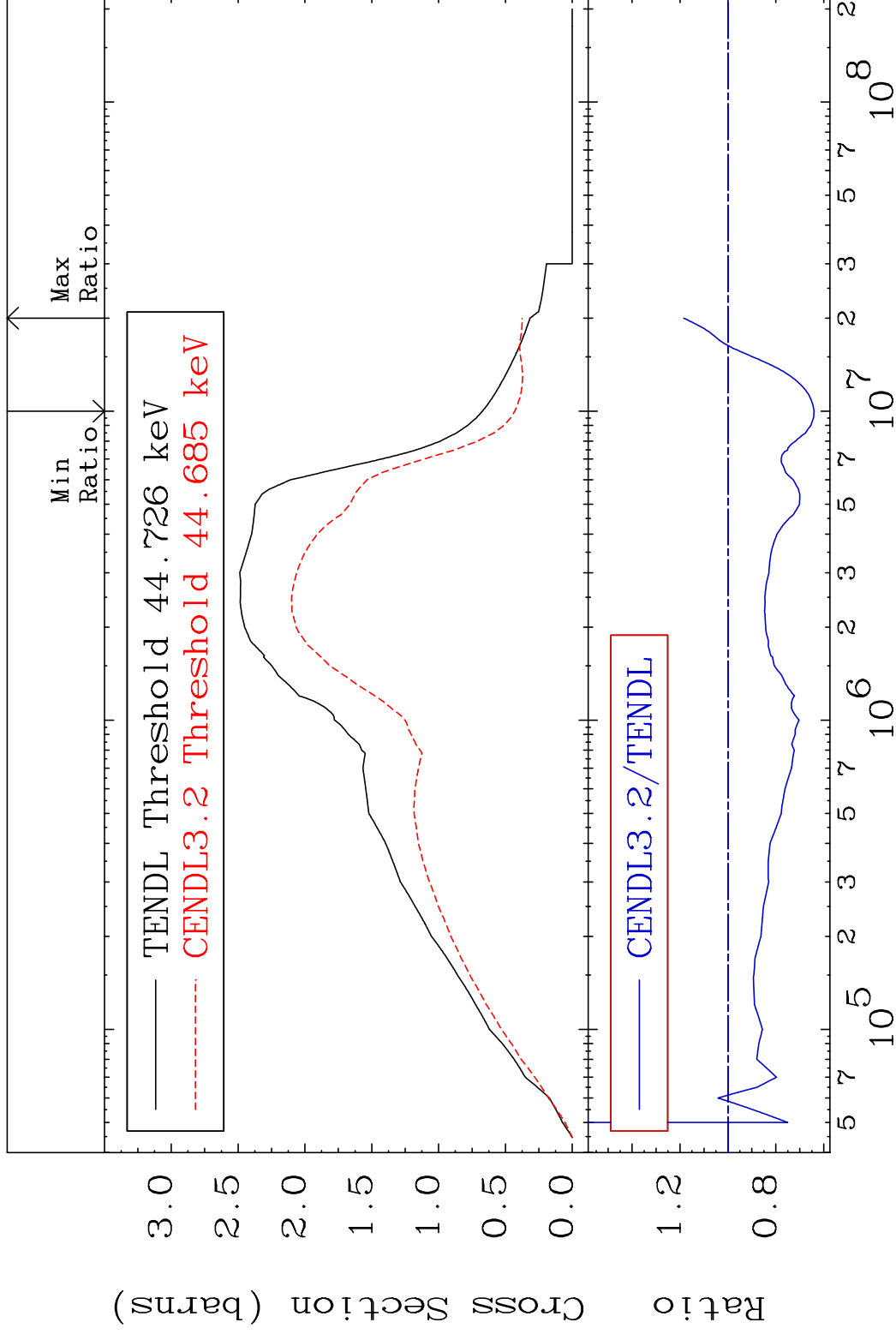
MAT 9446

Inelastic

94-Pu-242

Cross Section

-35.97 To 18.48 %



3

Incident Energy (eV)

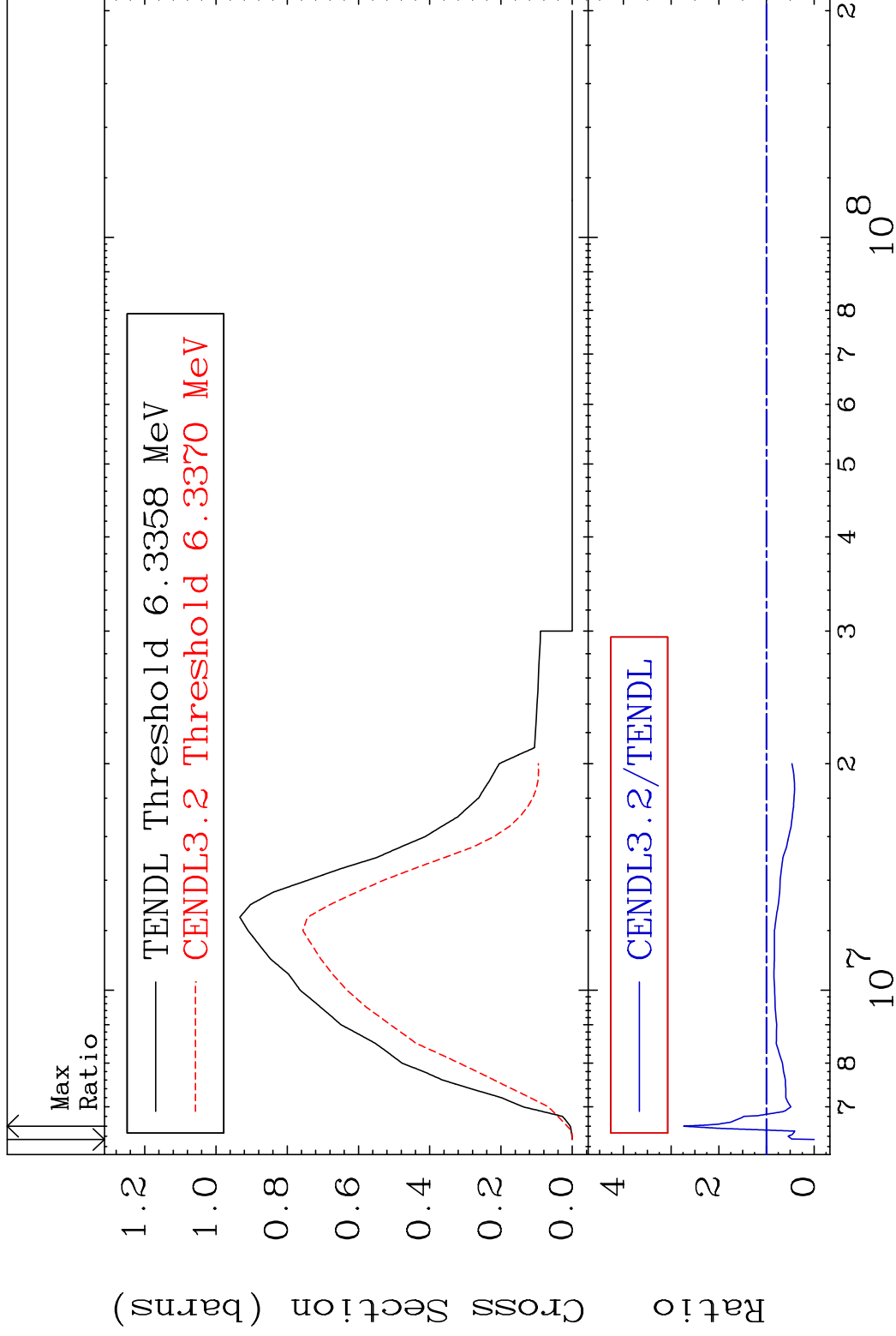
94-Pu-242

MAT 9446

(n,2n)

94-Pu-242

Cross Section -100.0 To 173.7 %



4

Incident Energy (eV)

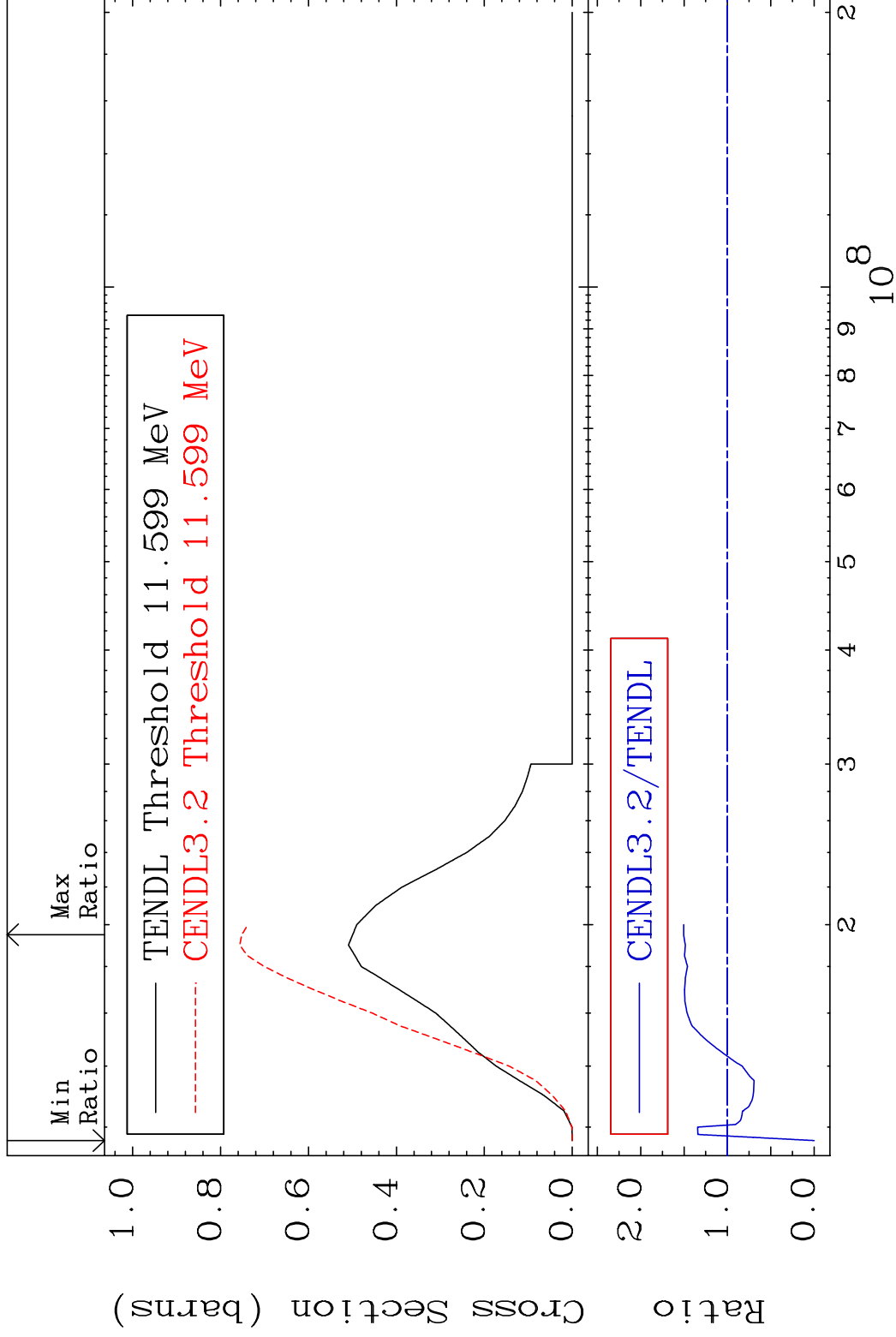
94-Pu-242

MAT 9446

(n,3n)

94-Pu-242

Cross Section -100.0 To 50.47 %



5

Incident Energy (eV)

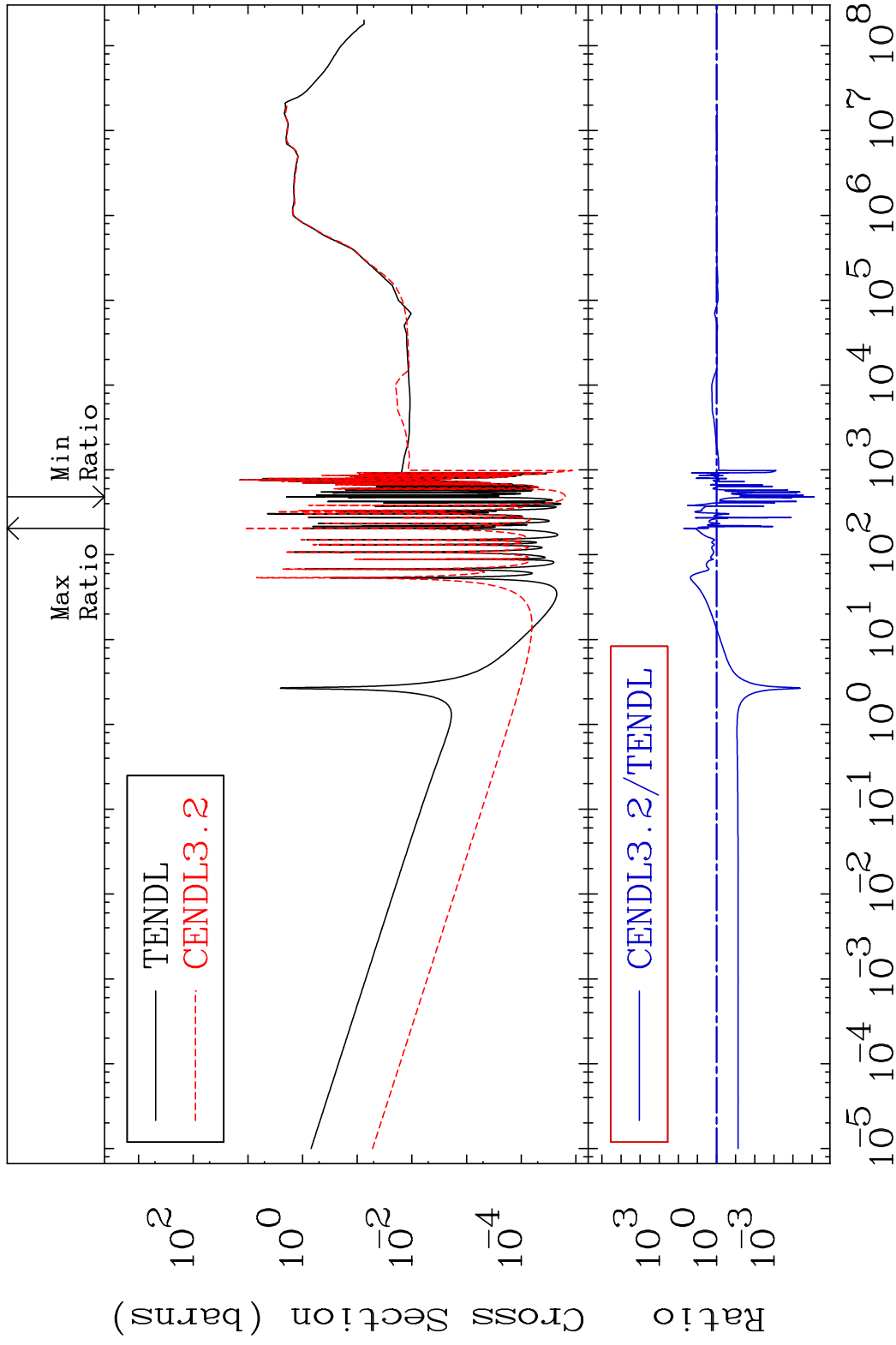
94-Pu-242

MAT 9446

Fission

94-Pu-242

Cross Section -100.0 To 5166. %

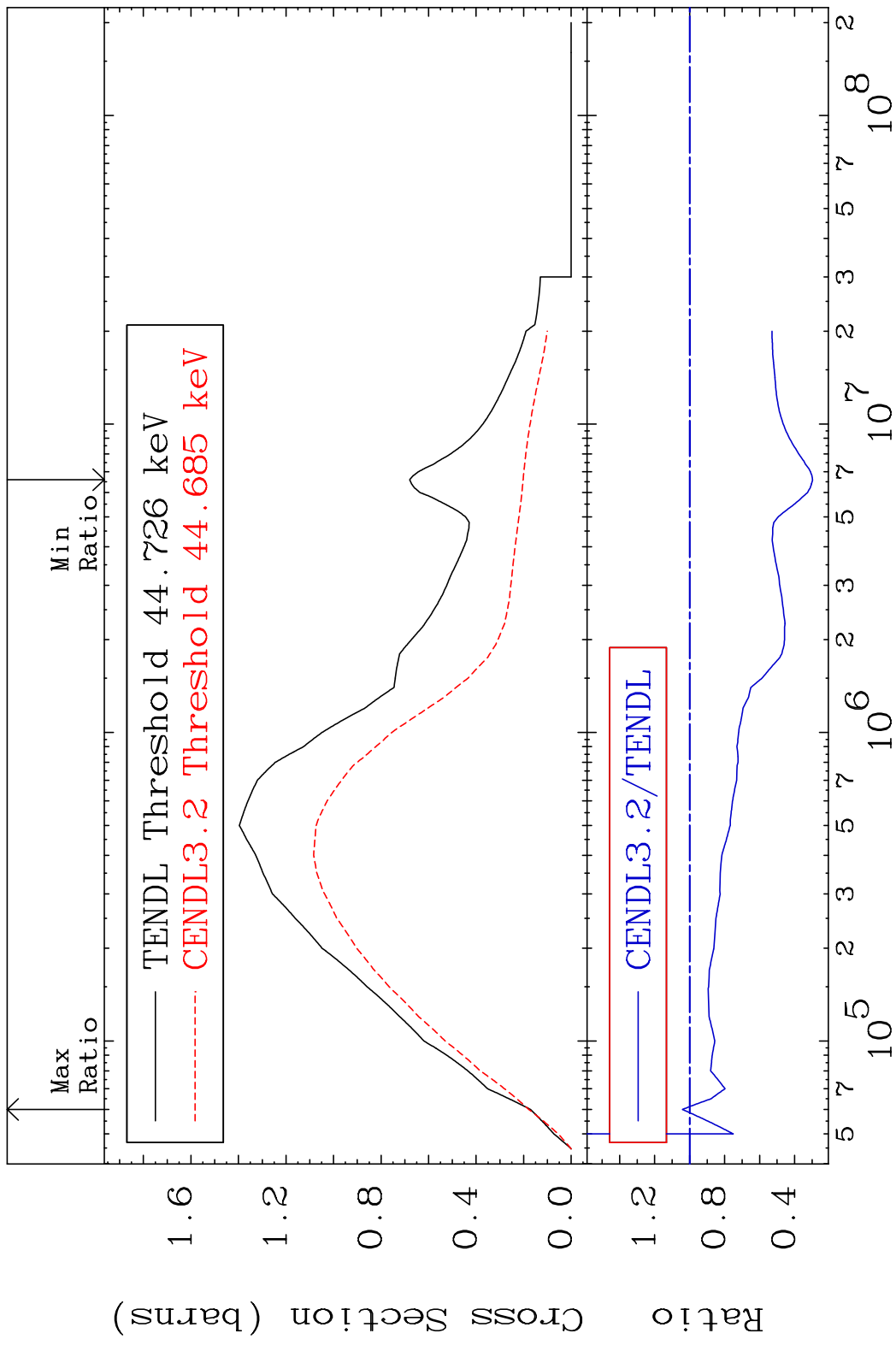


6

Incident Energy (eV)

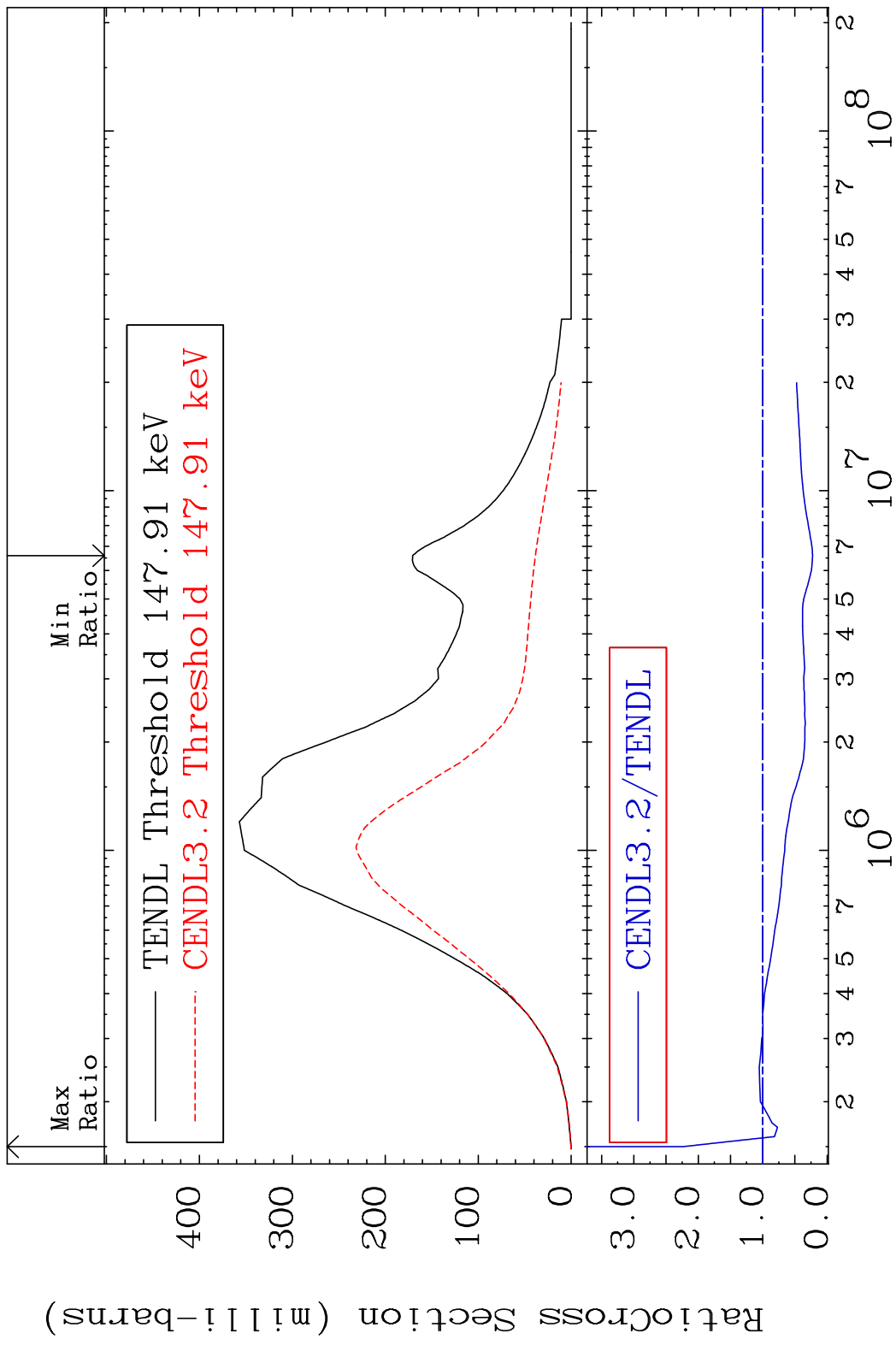
94-Pu-242

MAT 9446 MT= 51 (n, n') Level 94-Pu-242  
 Cross Section -70.24 To 4.159 %

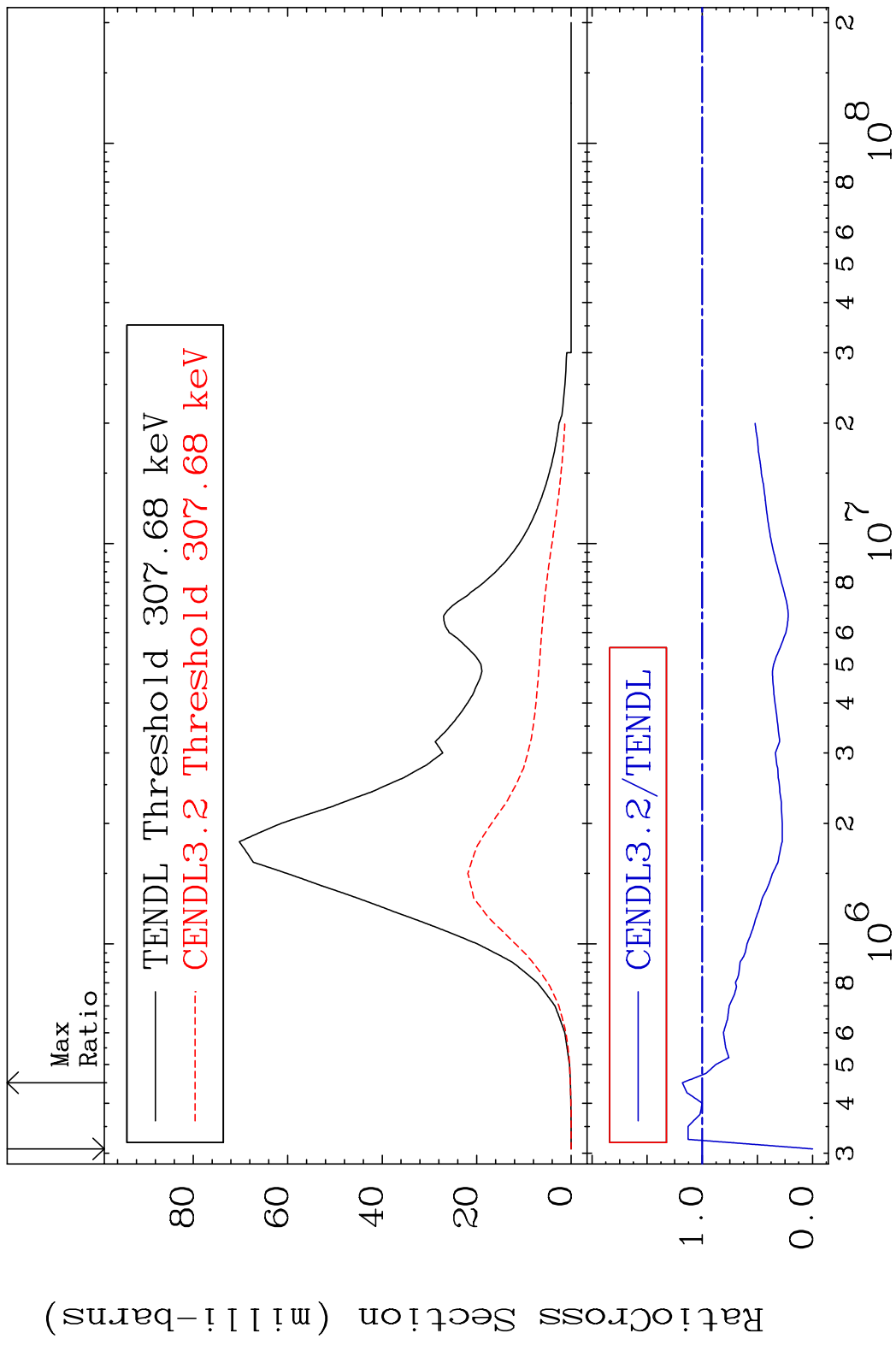


7 Incident Energy (eV) 94-Pu-242

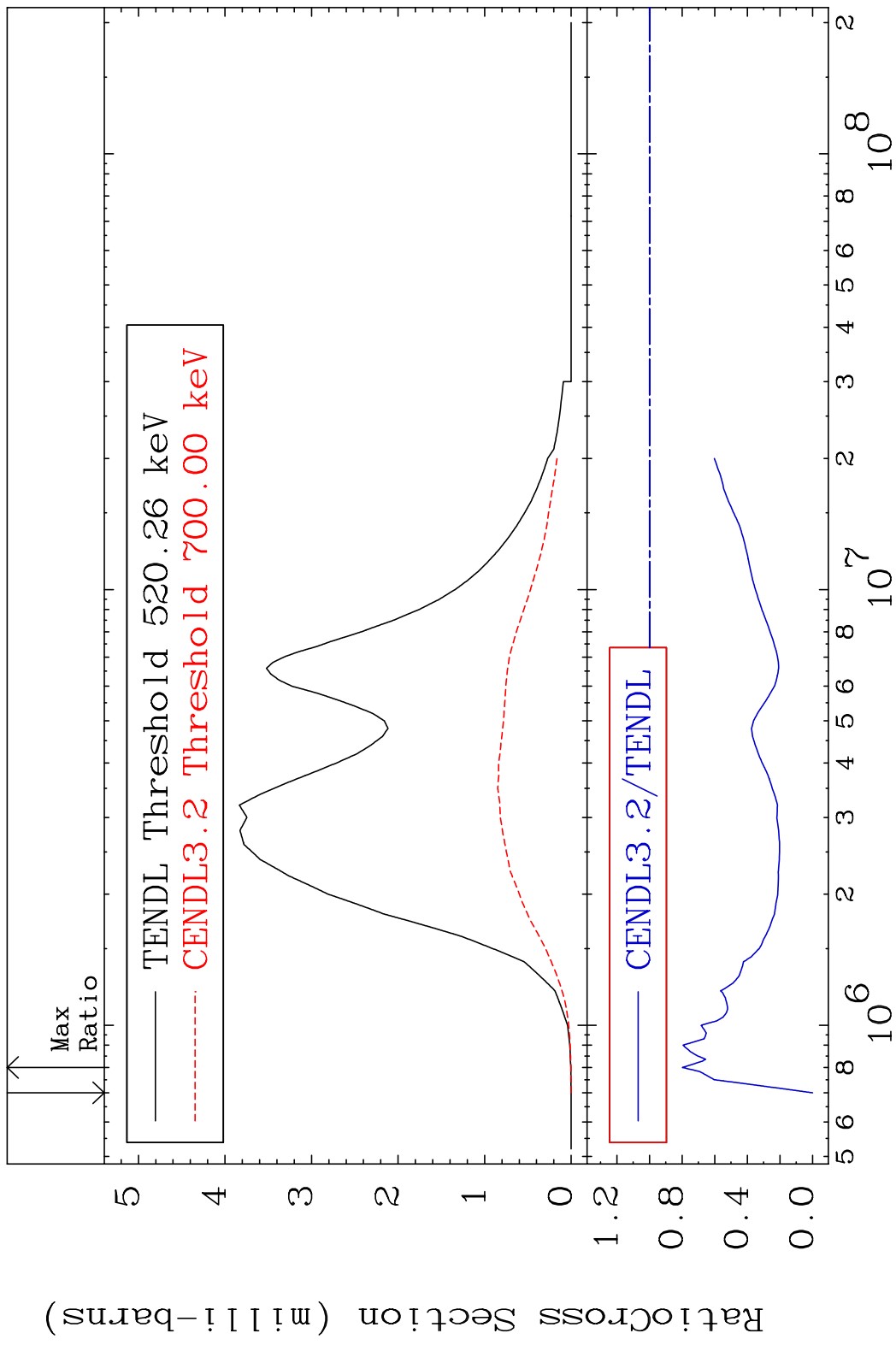
MAT 9446 MT= 52 (n, n') Level 94-Pu-242  
 Cross Section -77.40 To 124.7 %



MAT 9446 MT= 53 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 18.06 %

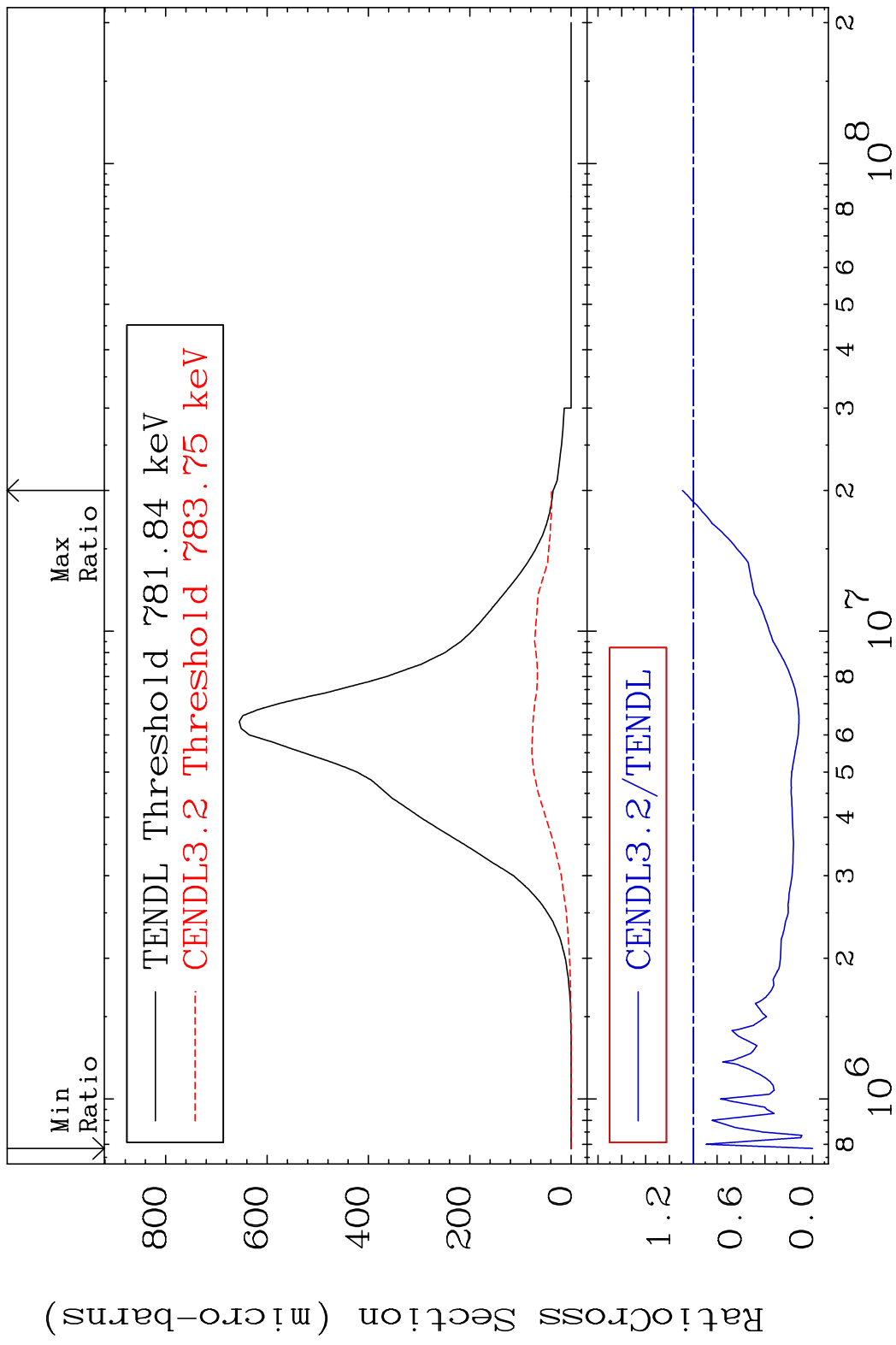


MAT 9446 MT= 54 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -20.14%

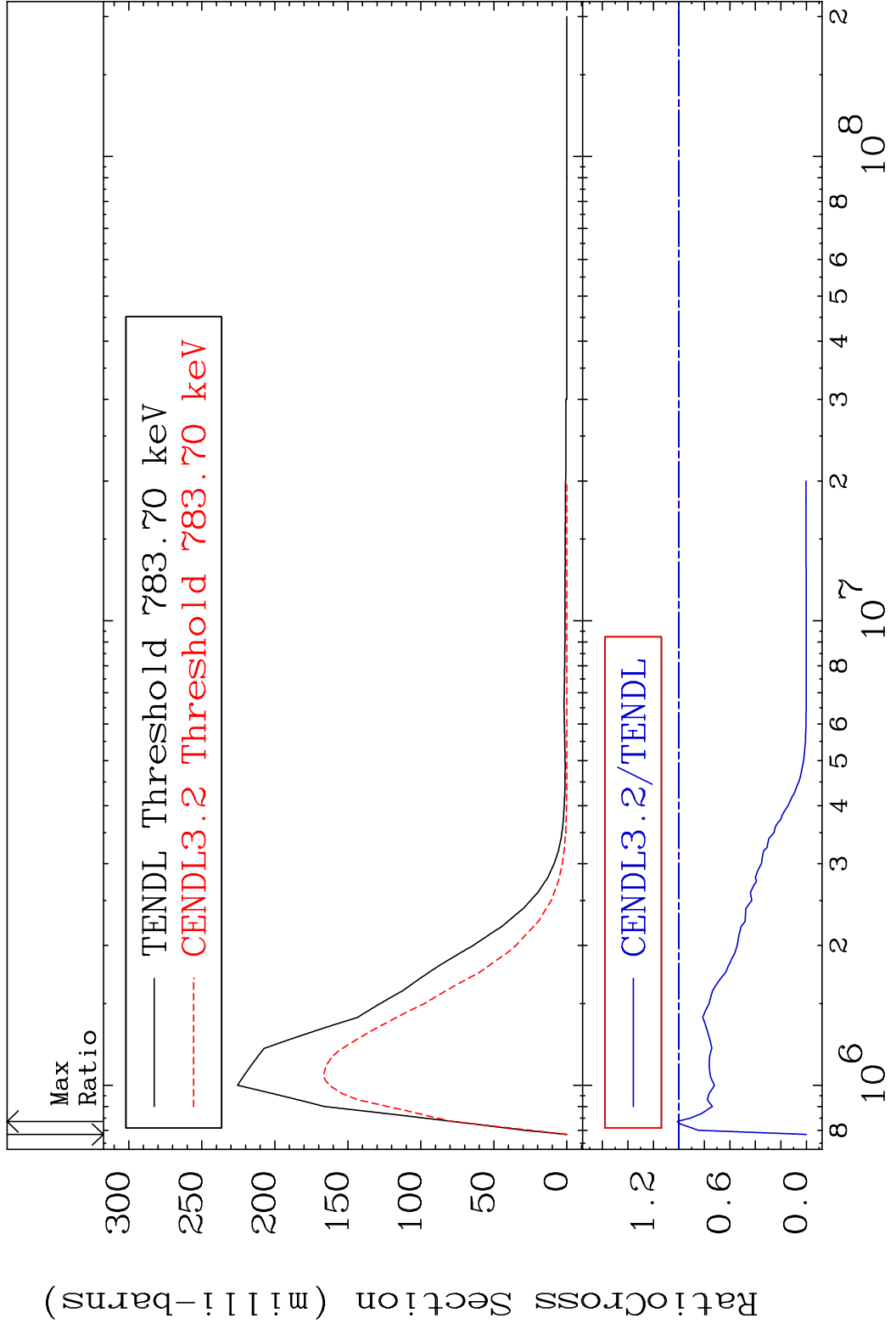


10 Incident Energy (eV) 94-Pu-242

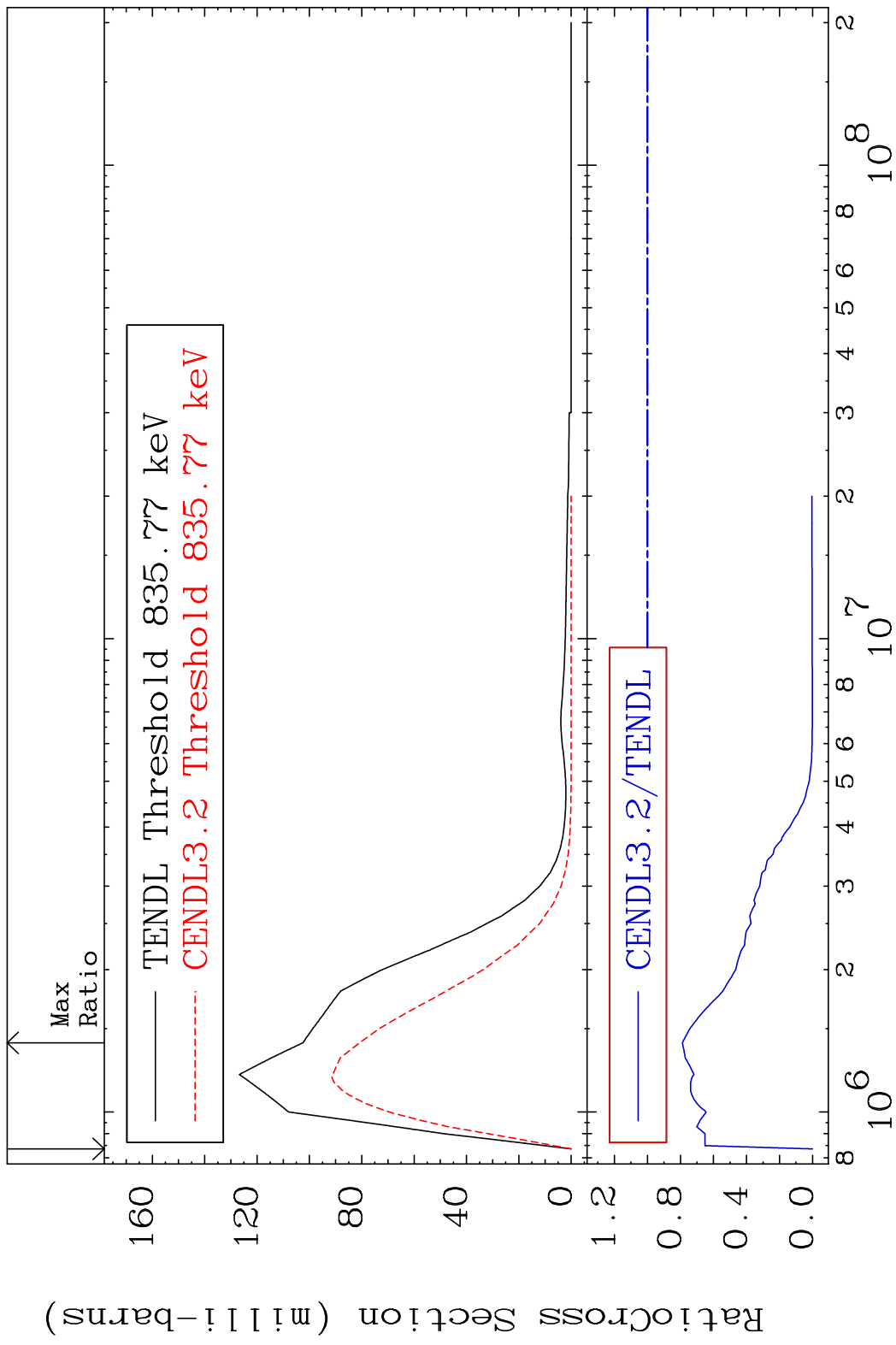
MAT 9446 MT= 55 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 9.187 %



MAT 9446 MT= 56 (n,n') Level 94-Pu-242  
 Cross Section -100.0 To 1.343 %

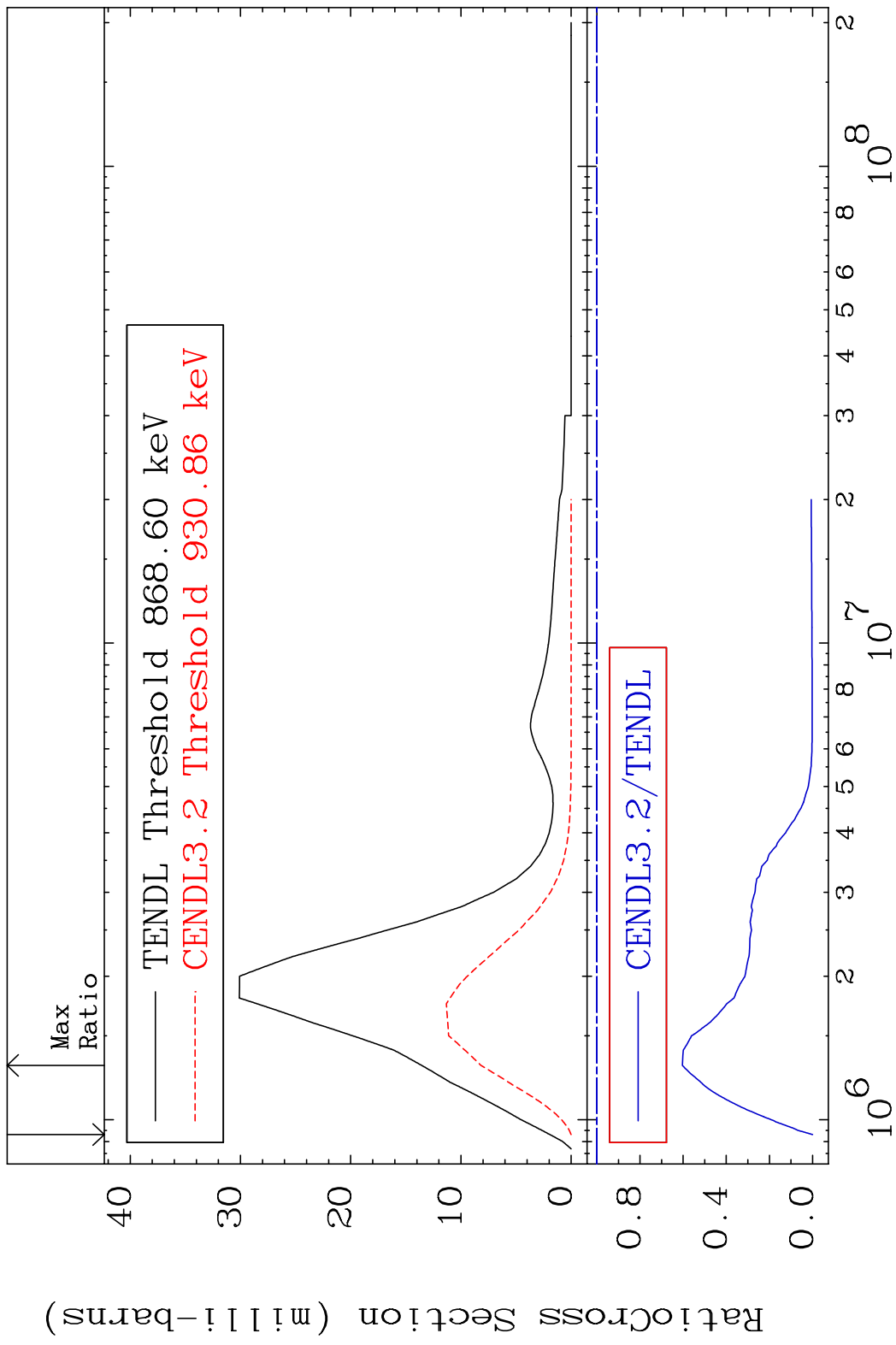


MAT 9446 MT= 57 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -21.15%



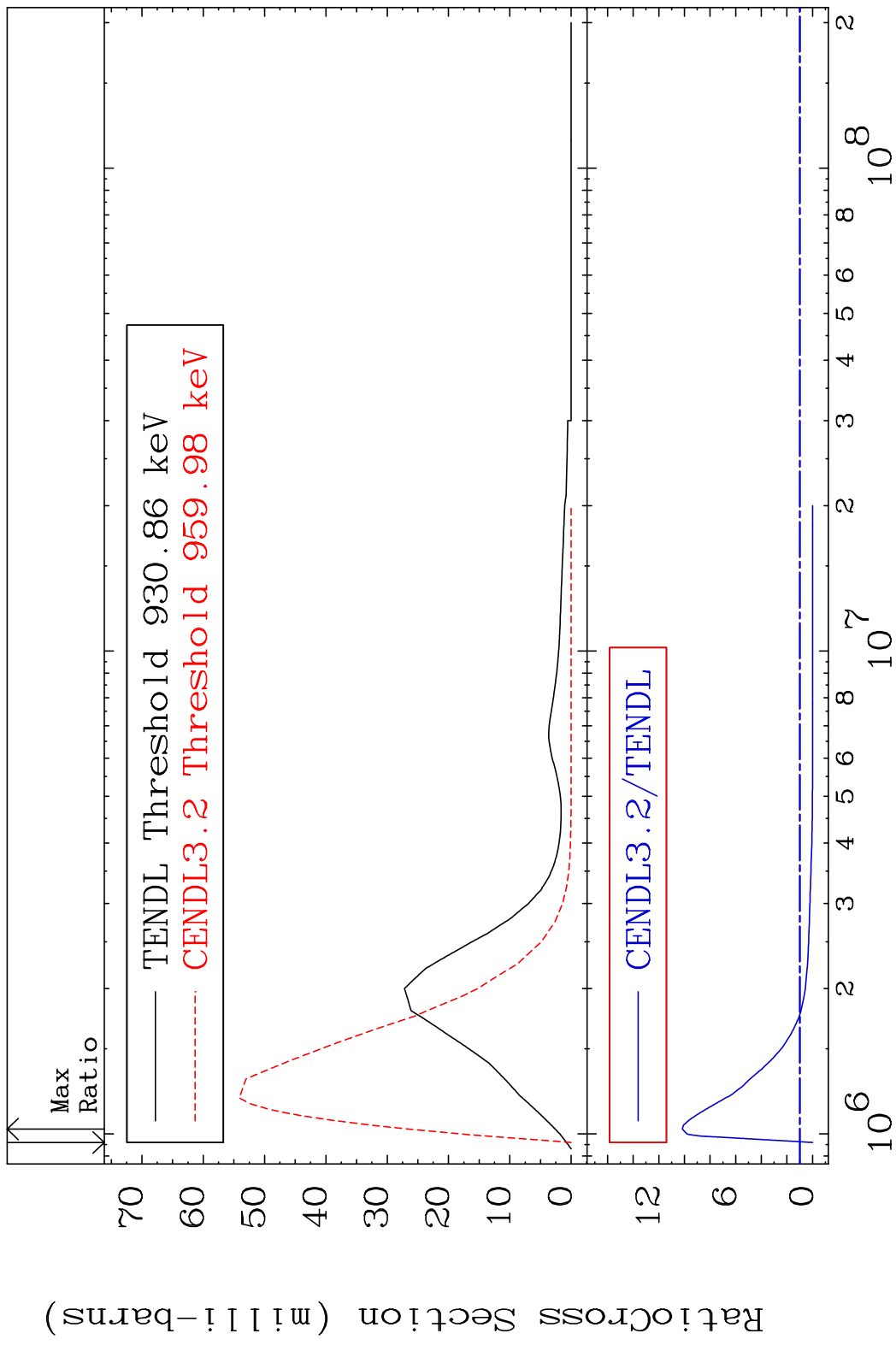
13 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 58 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -39.64%



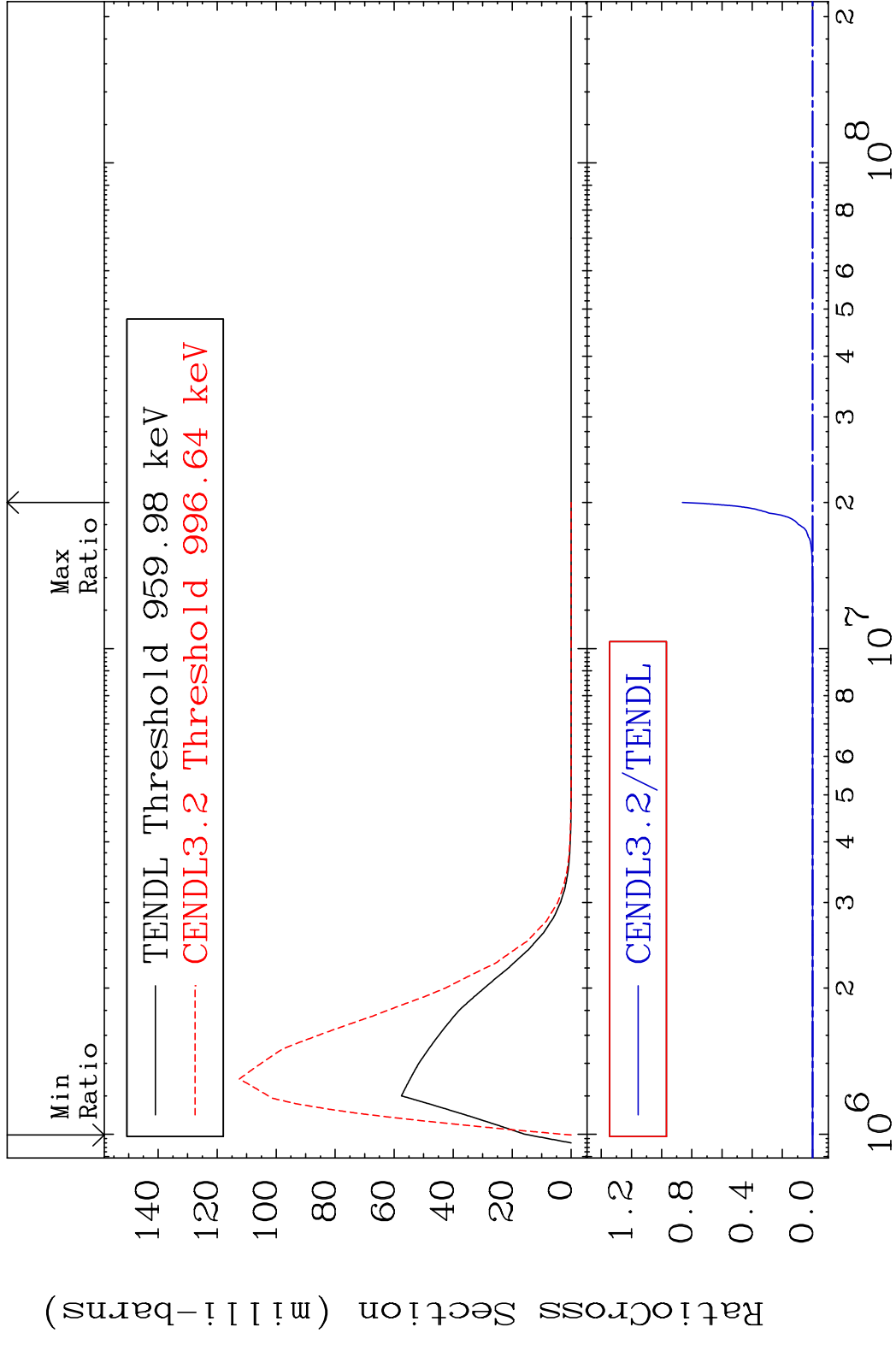
14 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 59 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 916.2 %



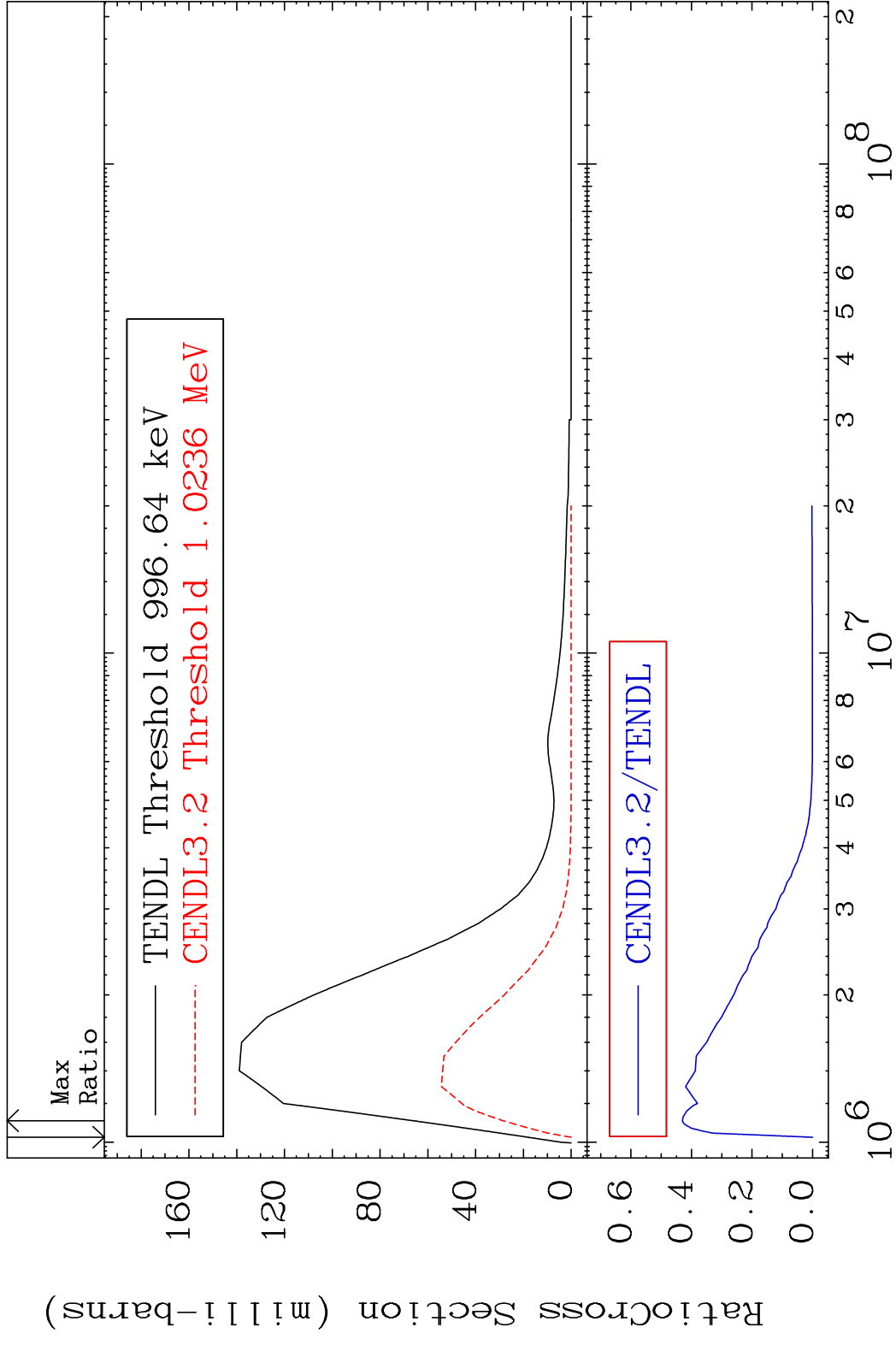
15 94-Pu-242

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



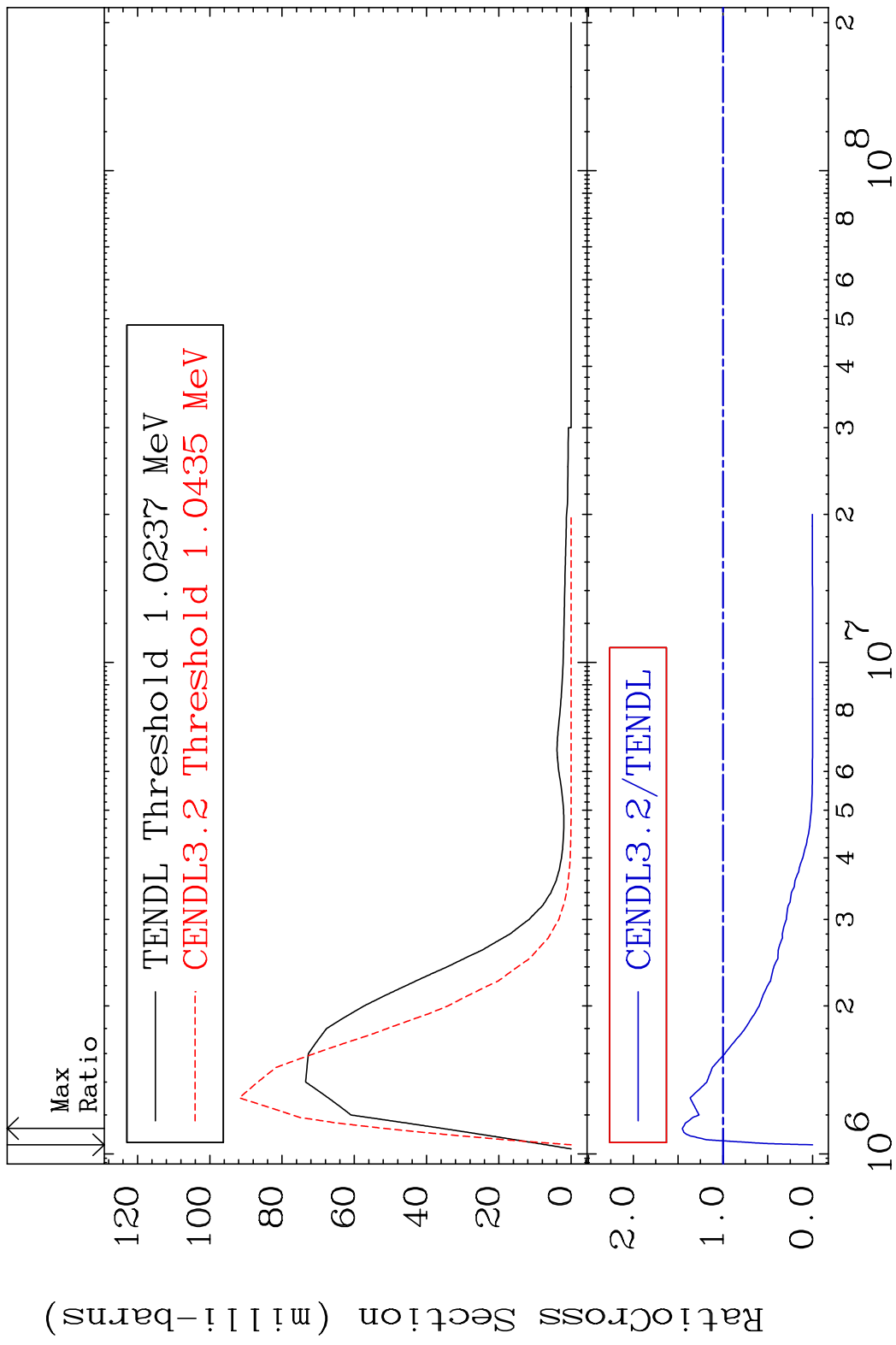
16 16 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 61 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -56.98%



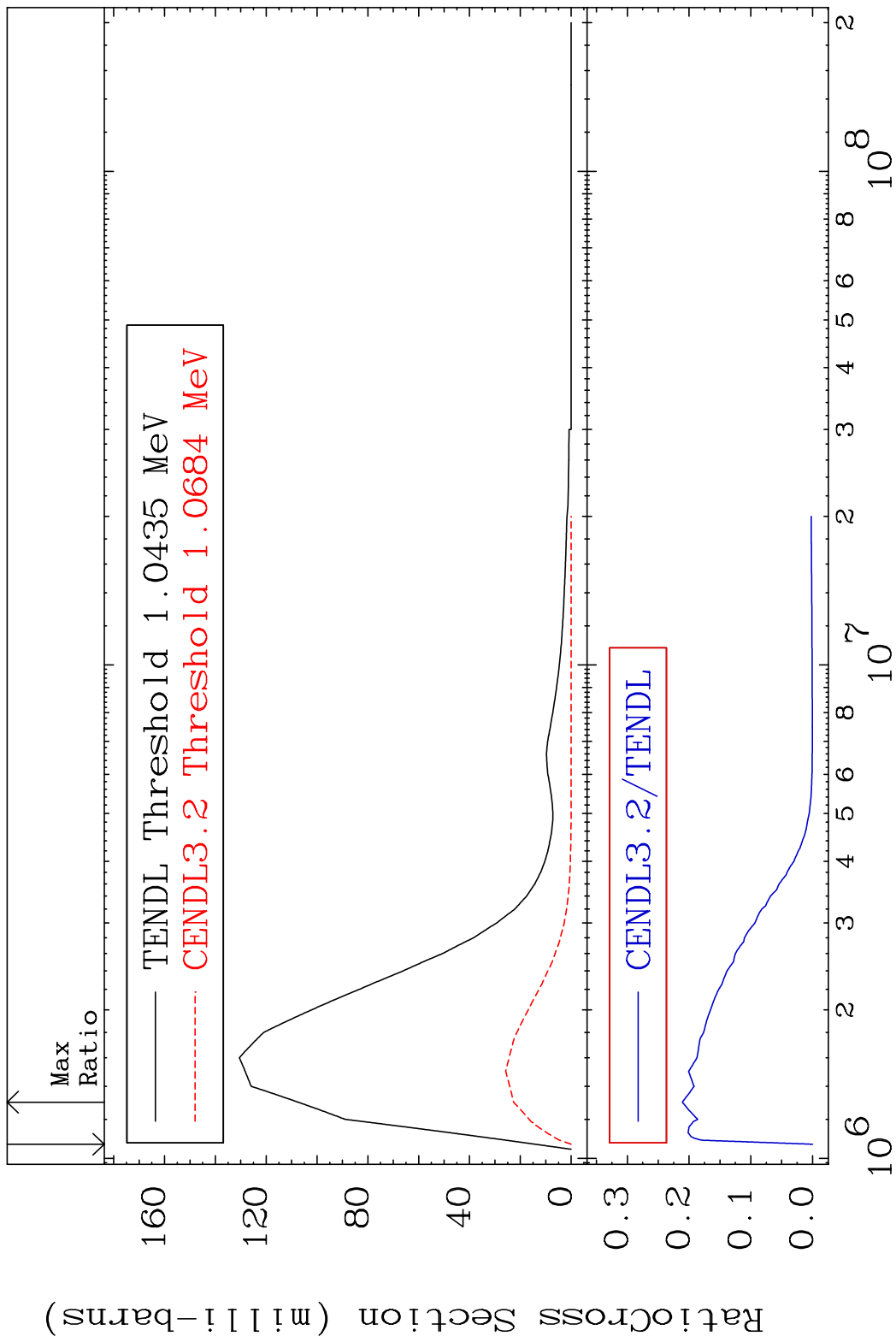
17 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 62 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 45.24 %

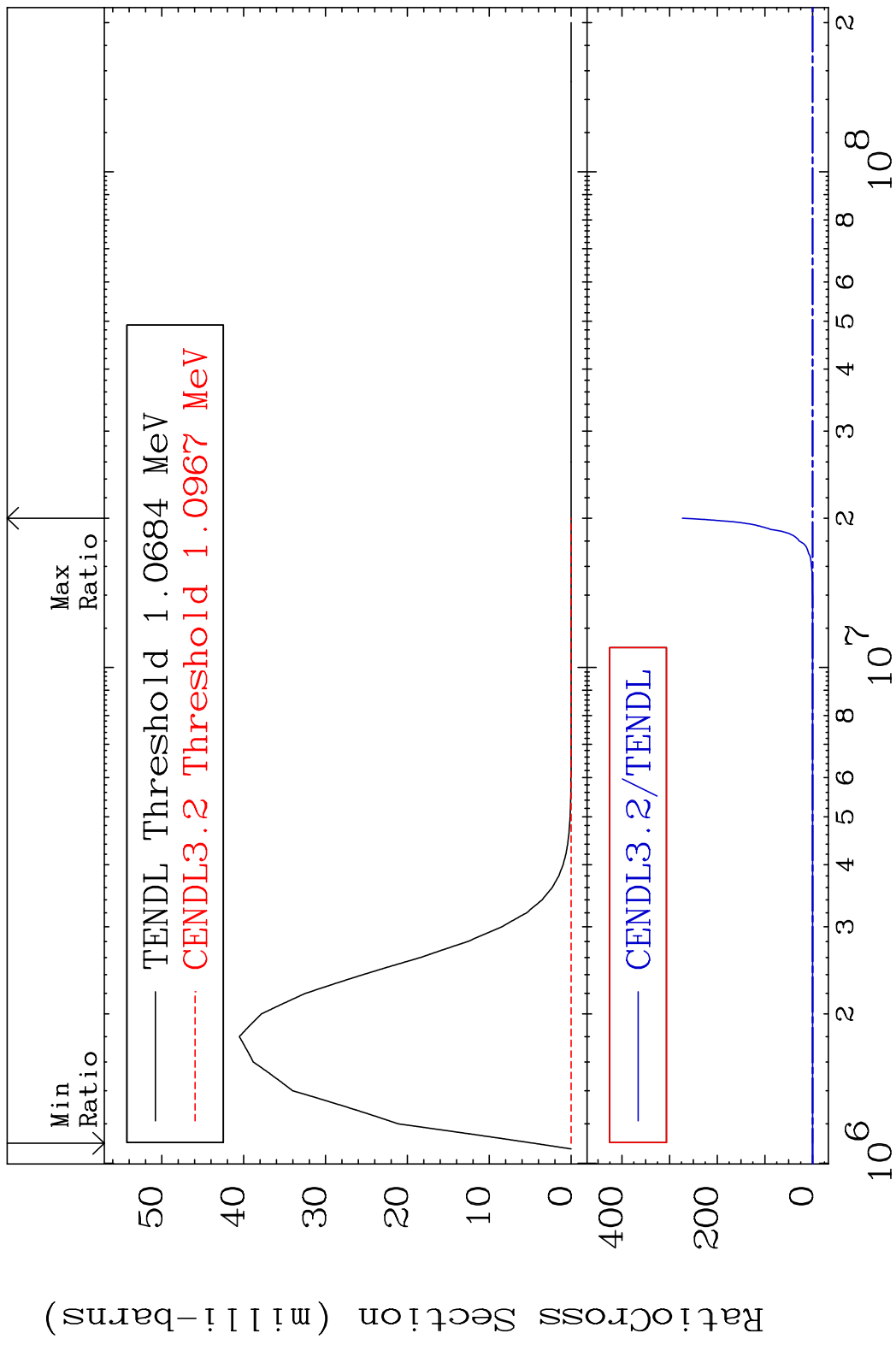


18 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 63 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -78.91%

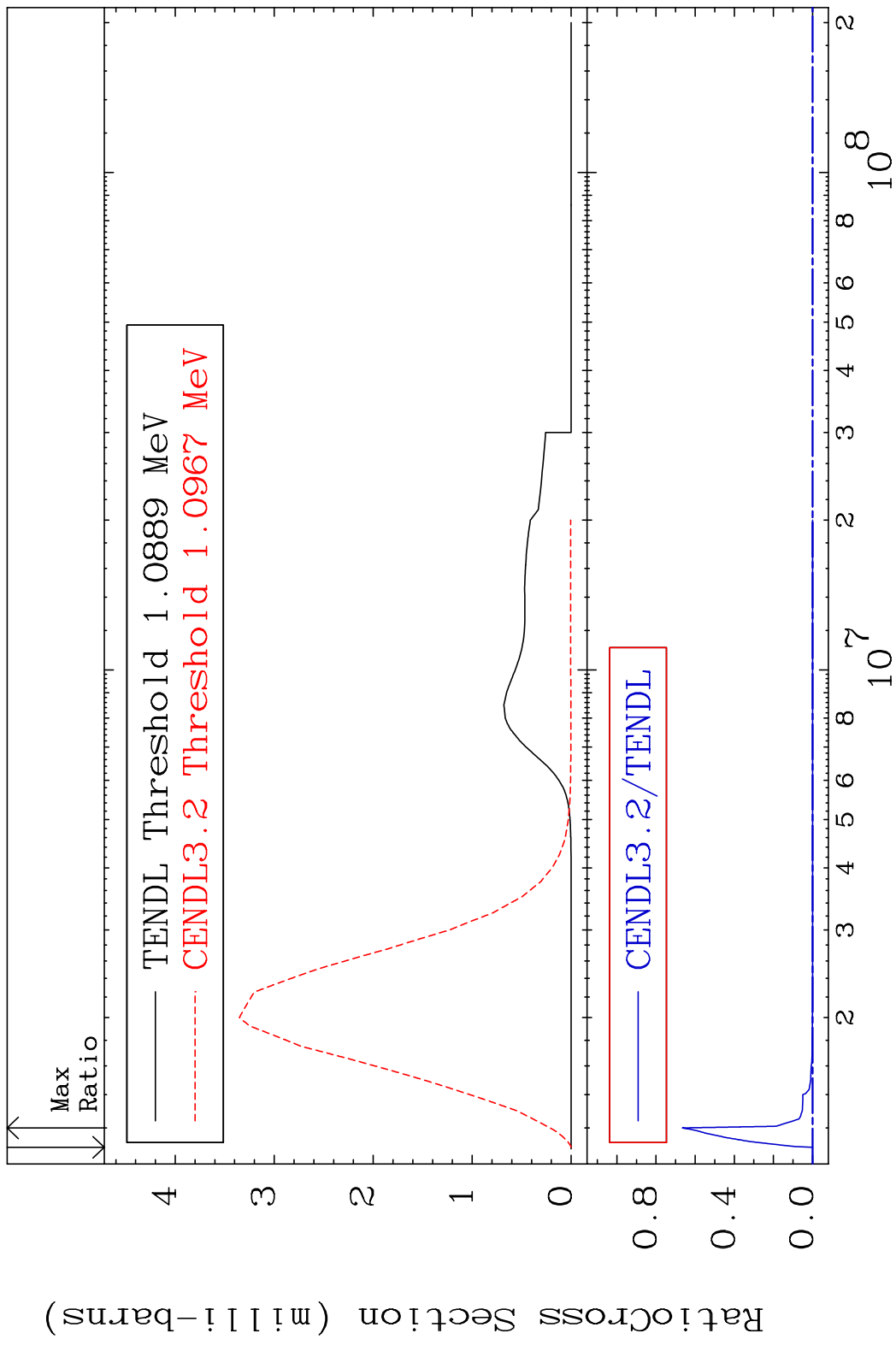


MAT 9446 MT= 64 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 9999. %

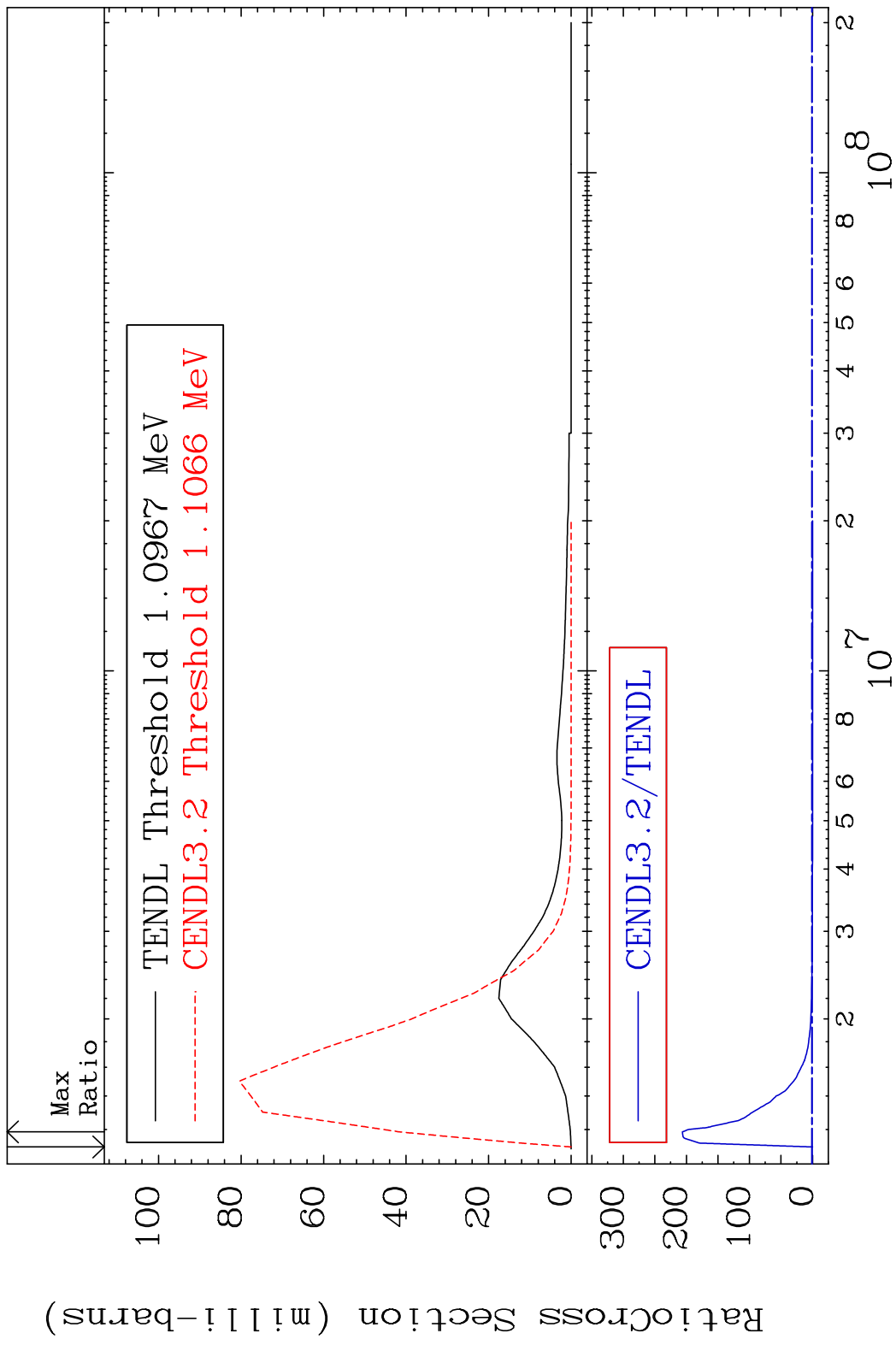


20 Incident Energy (eV) 94-Pu-242

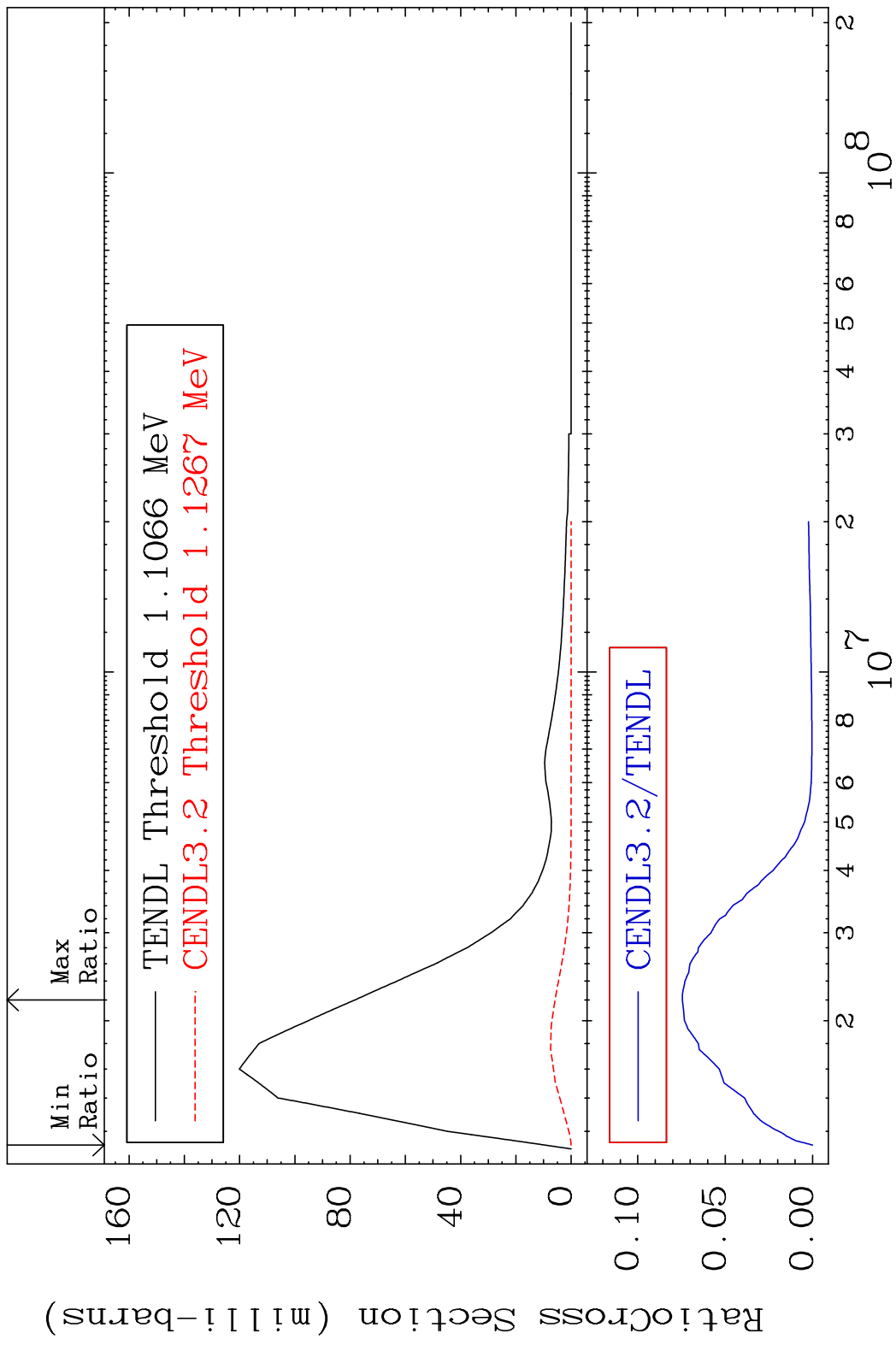
MAT 9446 MT= 65 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 9999. %



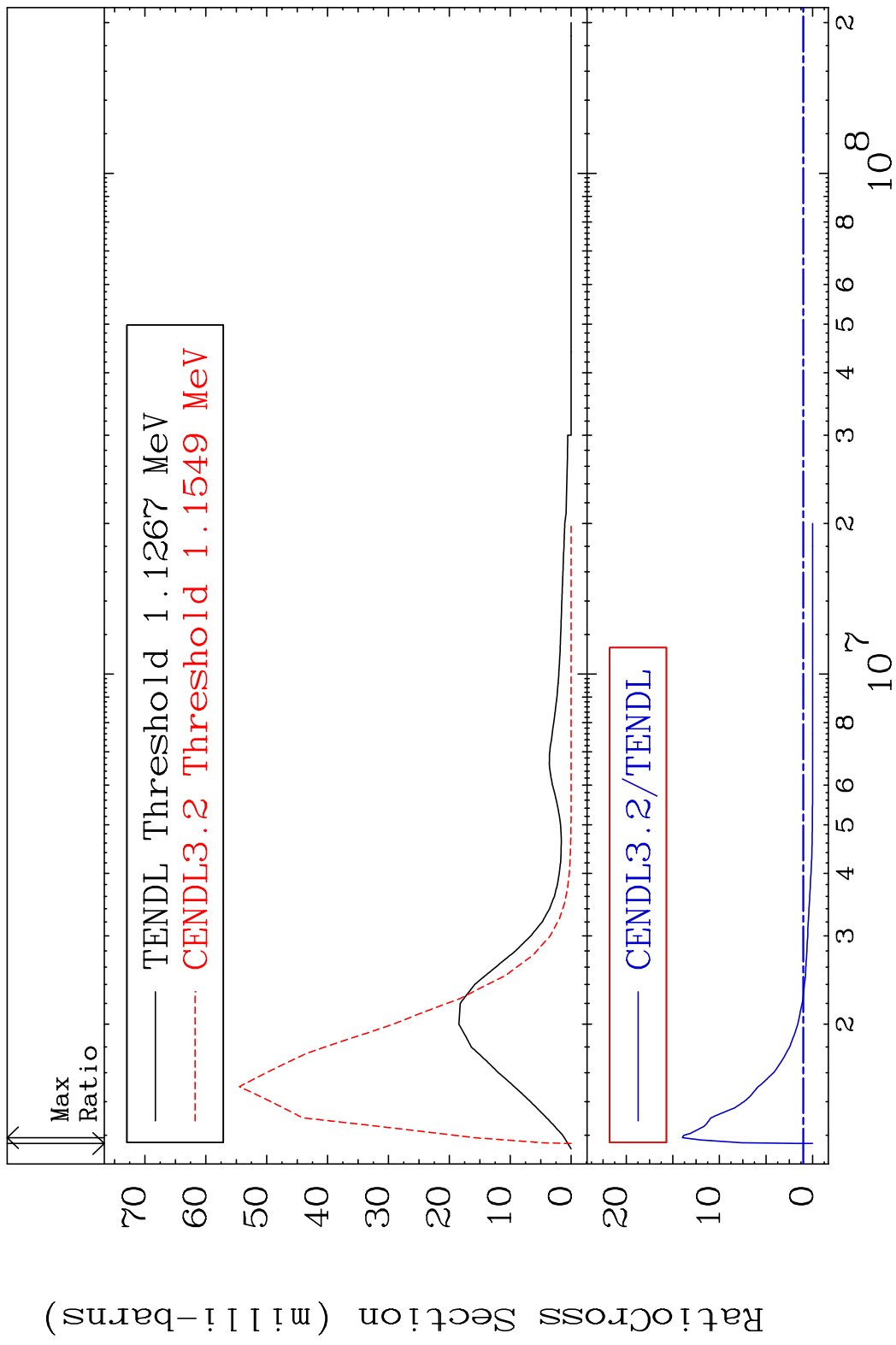
MAT 9446 MT= 66 (n,n') Level 94-Pu-242  
 Cross Section -100.0 To 9999. %



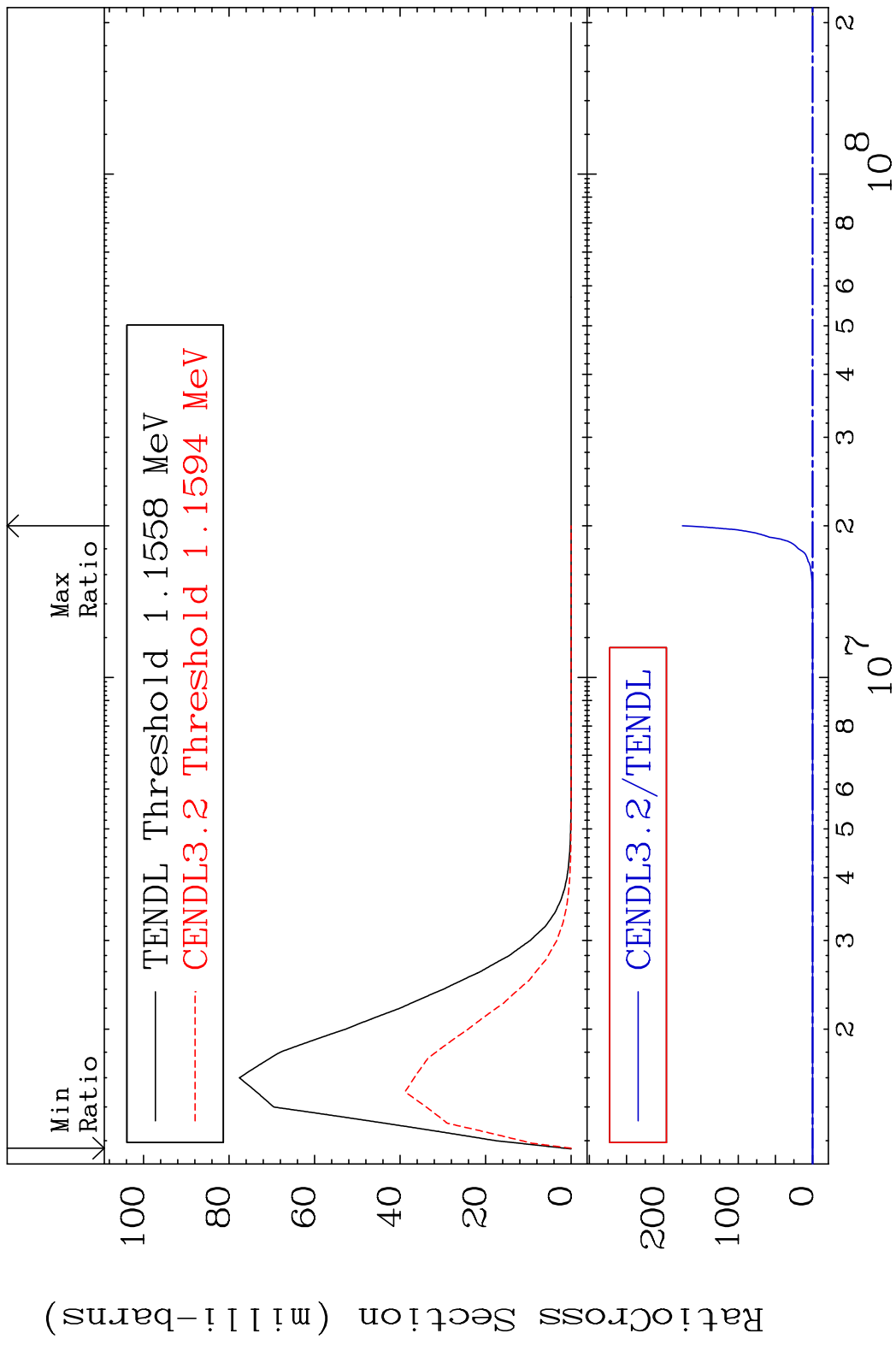
MAT 9446 MT= 67 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -92.55%



MAT 9446 MT= 68 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 1298. %

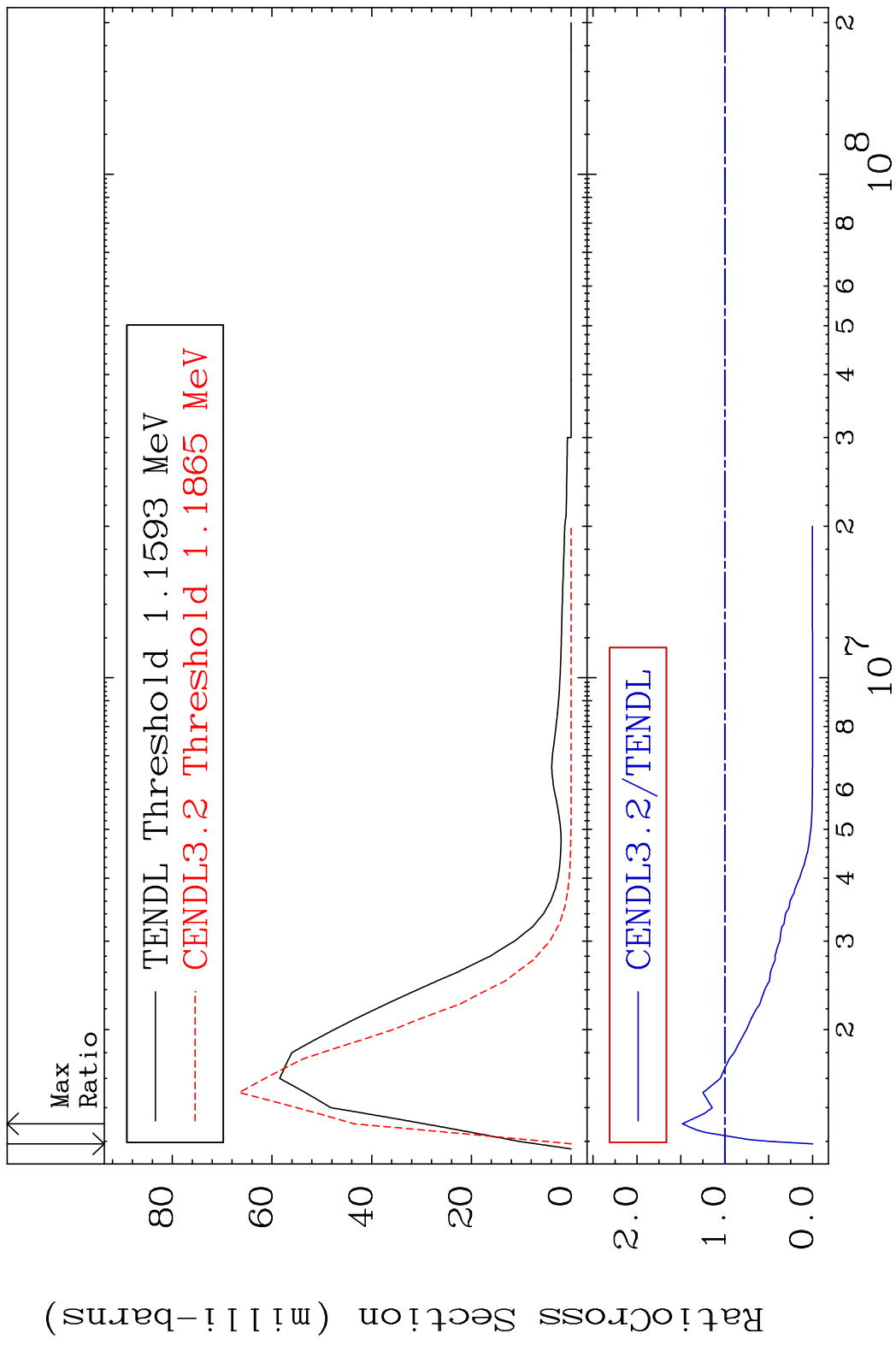


MAT 9446 MT= 69 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 9999. %



25 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 70 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 48.30 %

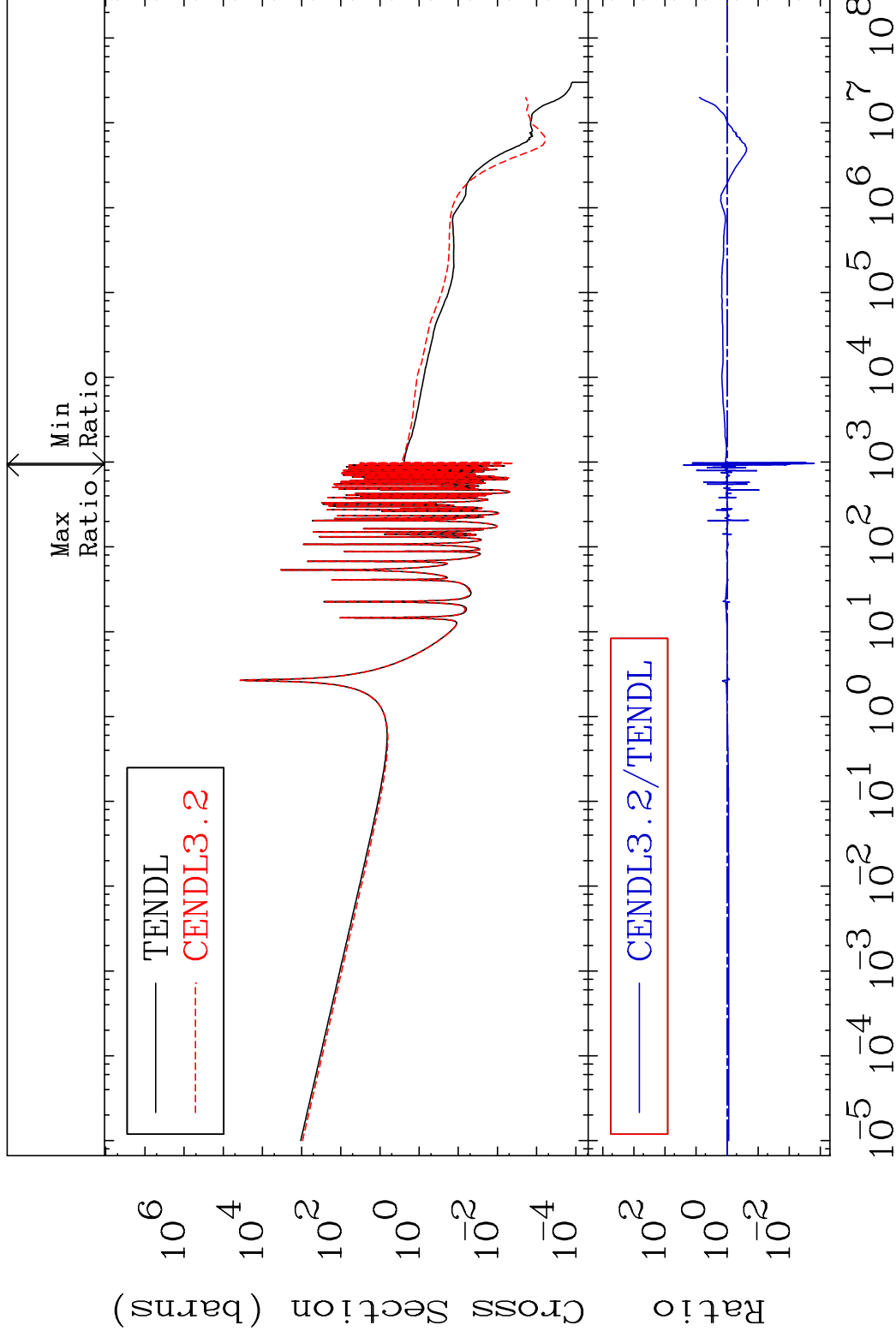




MAT 9446

(n,  $\gamma$ )  
Cross Section -99.84 To 2415. %

94-Pu-242



28

Incident Energy (eV)

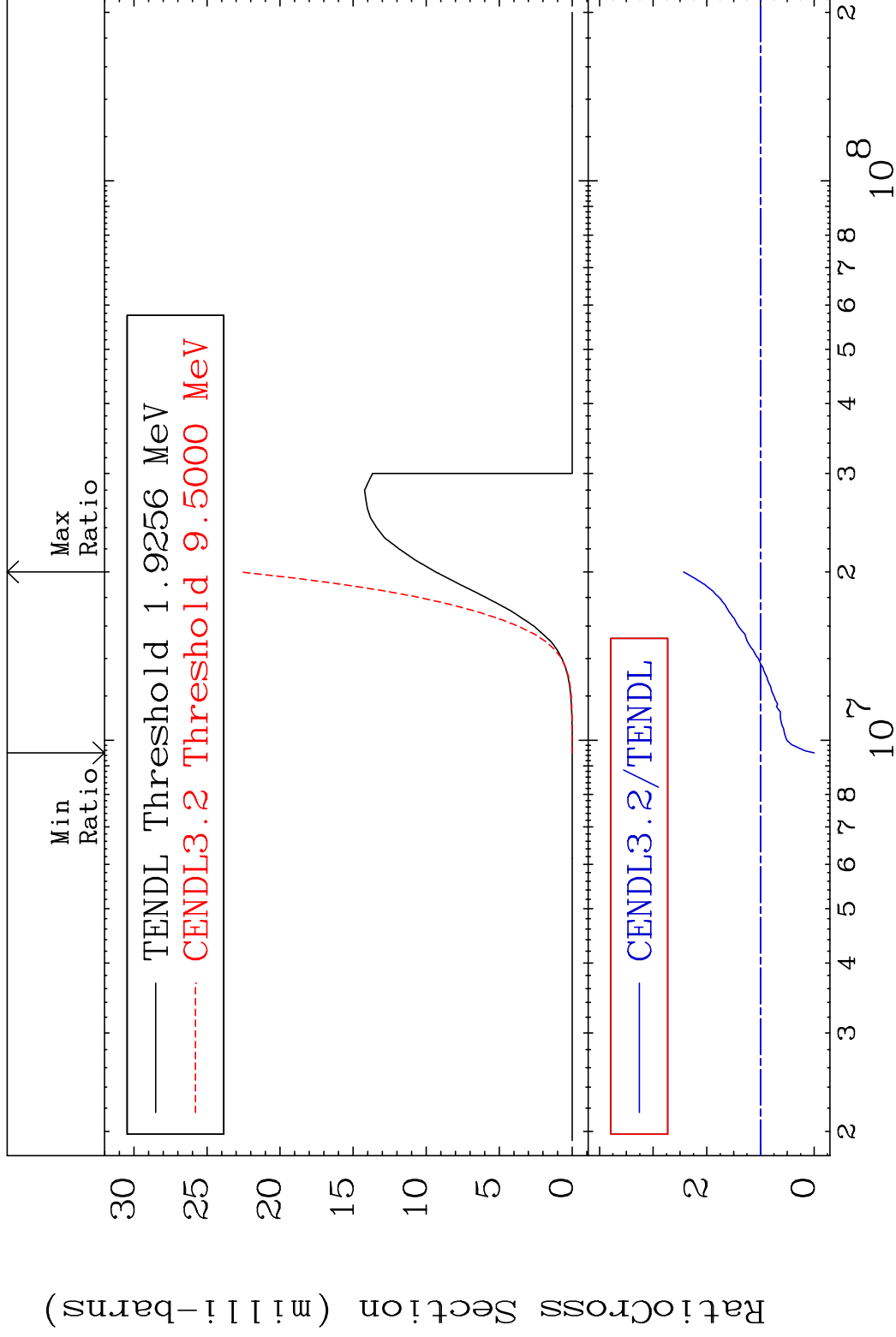
94-Pu-242

MAT 9446

(n, p)

94-Pu-242

Cross Section -100.0 To 143.2 %



29

Incident Energy (eV)

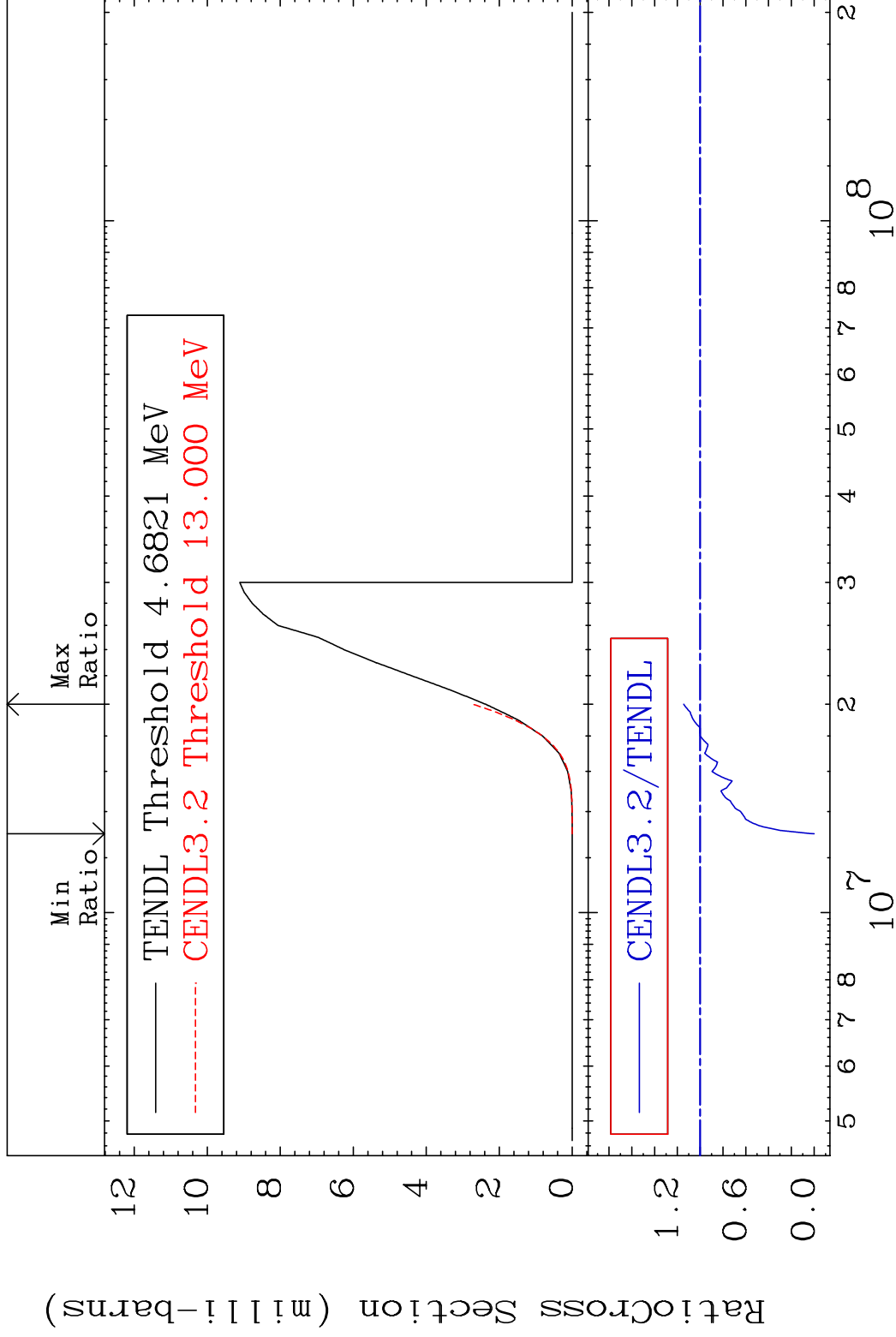
94-Pu-242

MAT 9446

(n, d)

94-Pu-242

Cross Section -100.0 To 14.51 %



30

Incident Energy (eV)

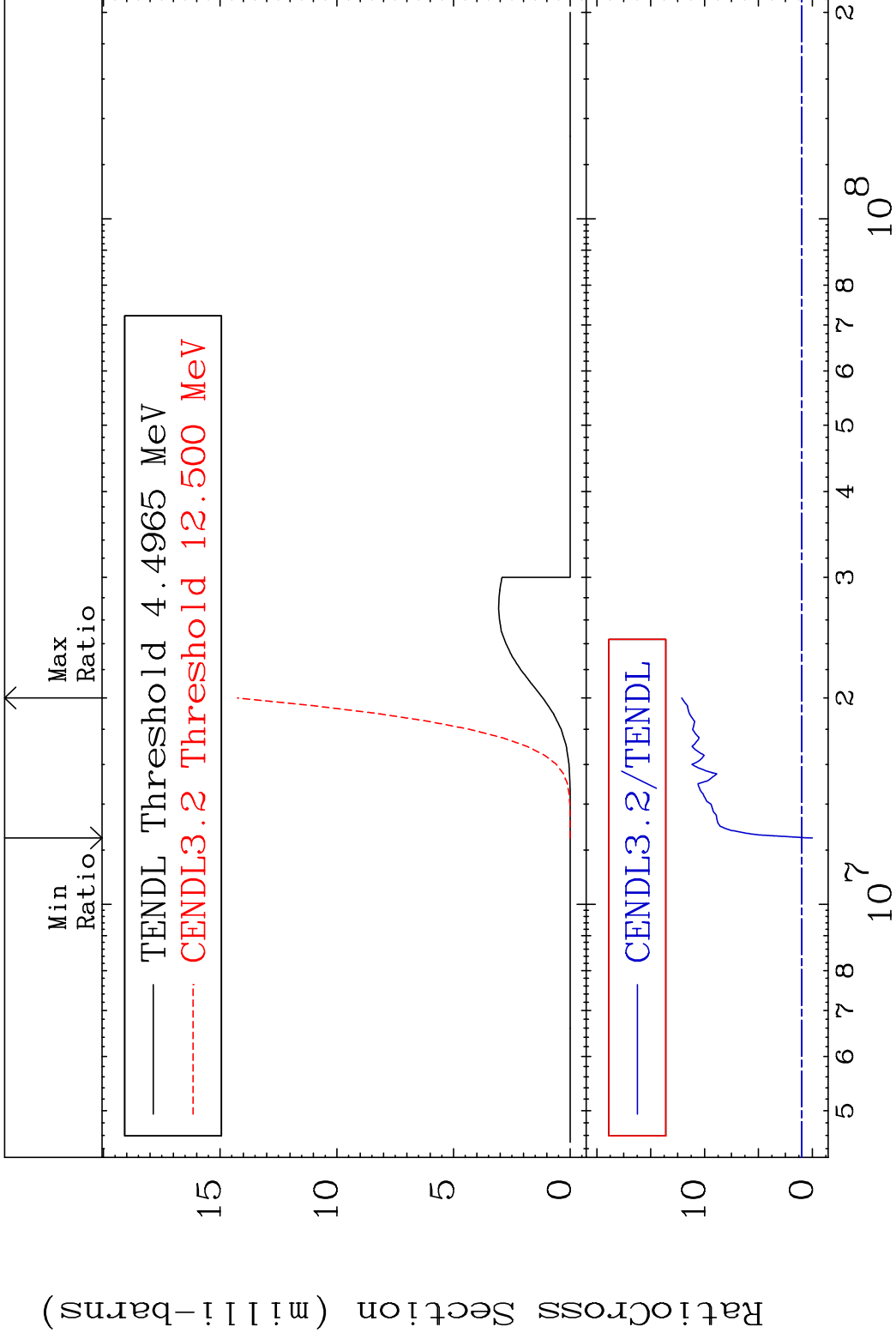
94-Pu-242

MAT 9446

(n, t)

94-Pu-242

Cross Section -100.0 To 1112. %



31

Incident Energy (eV)

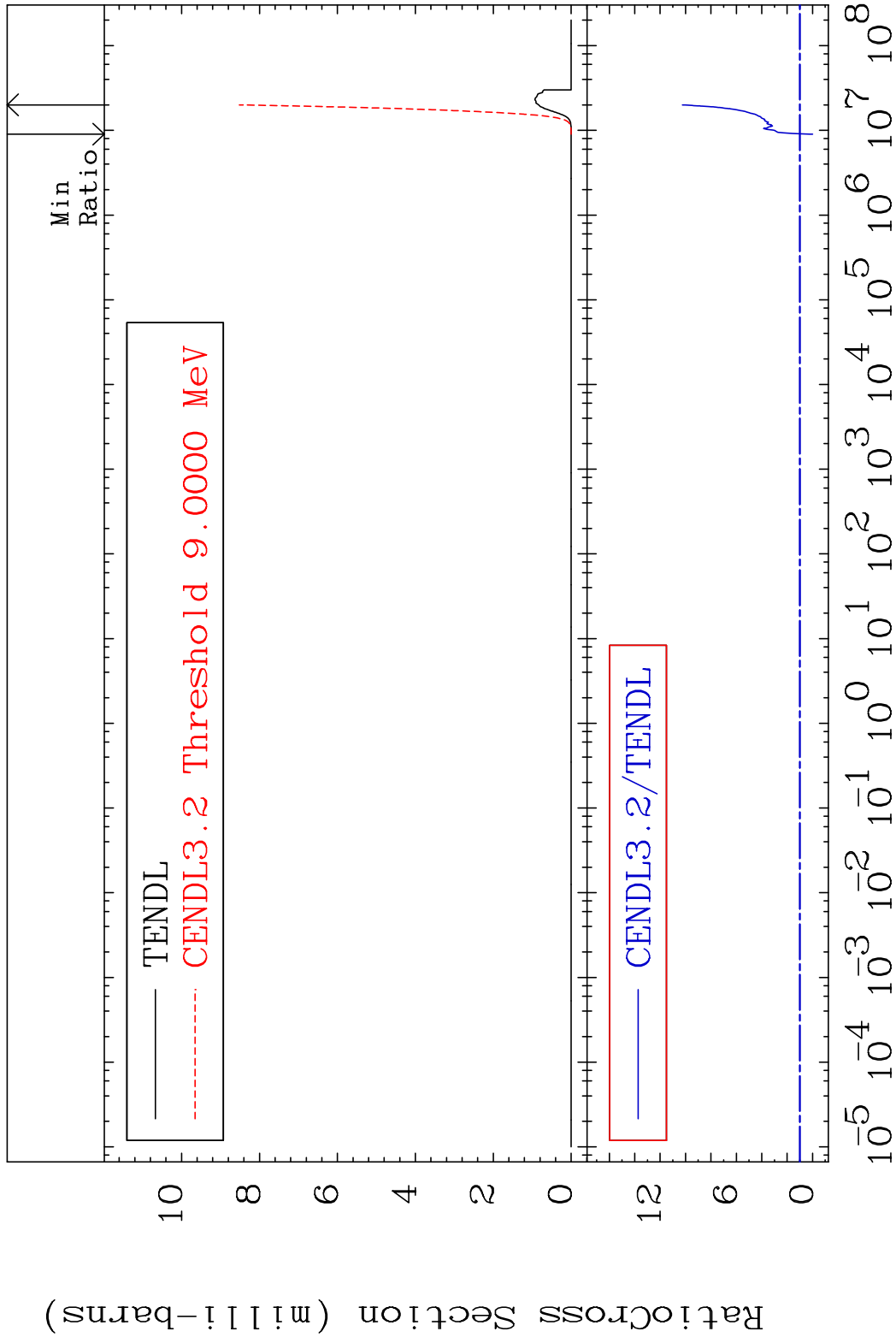
94-Pu-242

MAT 9446

(n,  $\alpha$ )

94-Pu-242

Cross Section -100.0 To 925.0 %

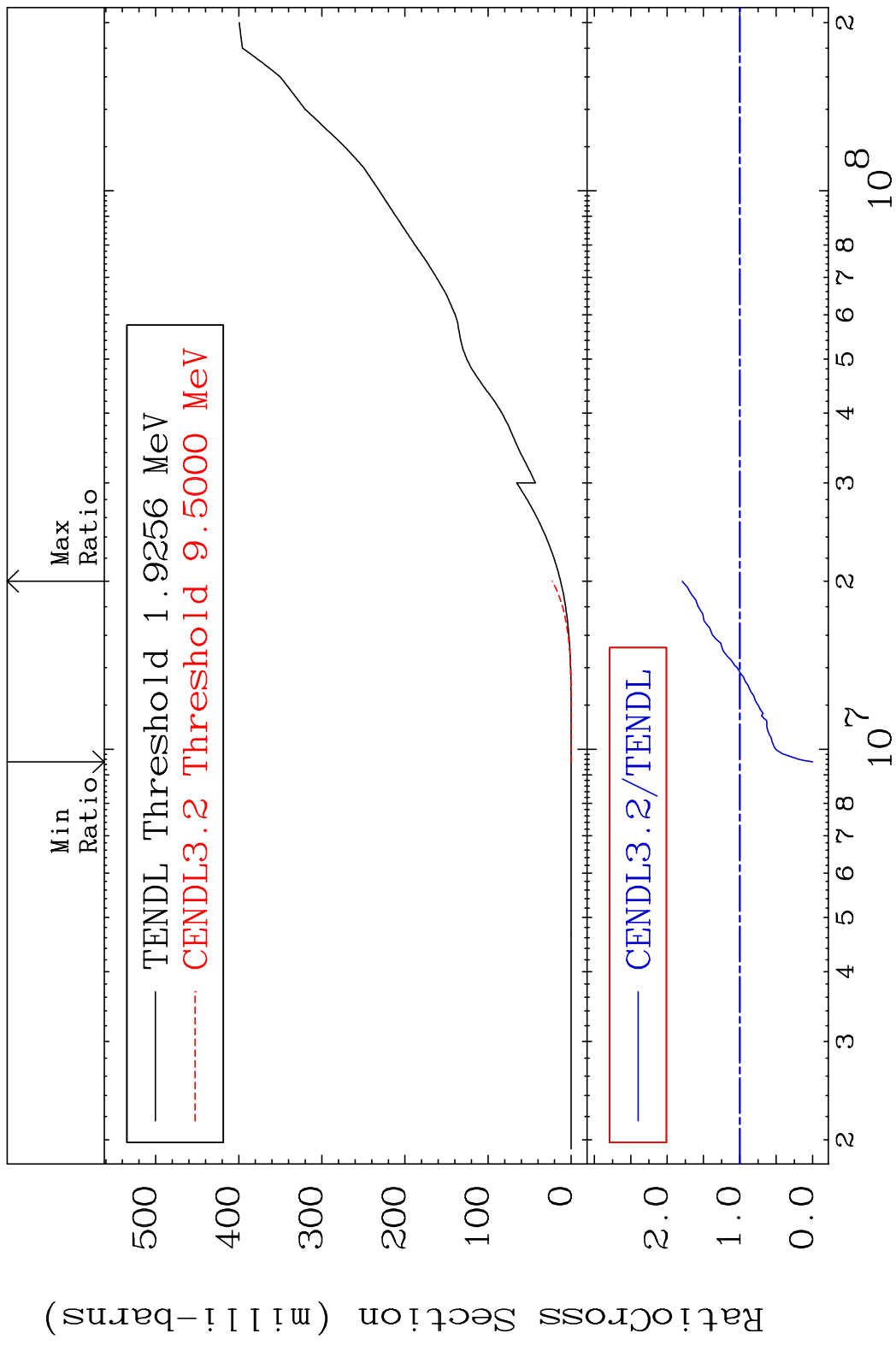


32

Incident Energy (eV)

94-Pu-242

MAT 9446 Hydrogen Production 94-Pu-242  
 Cross Section -100.0 To 79.05 %

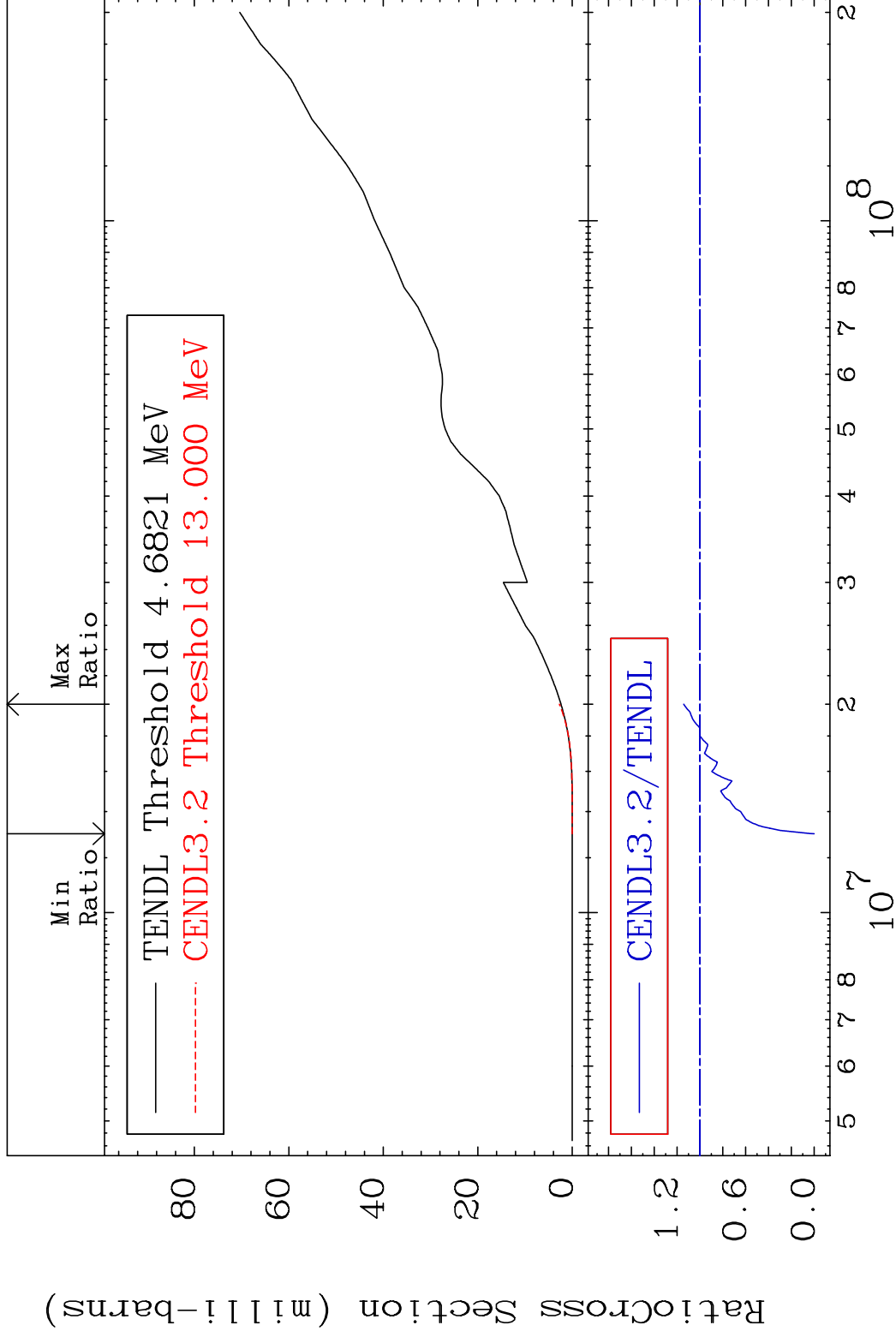


MAT 9446

Deuterium Production

94-Pu-242

Cross Section -100.0 To 14.23 %

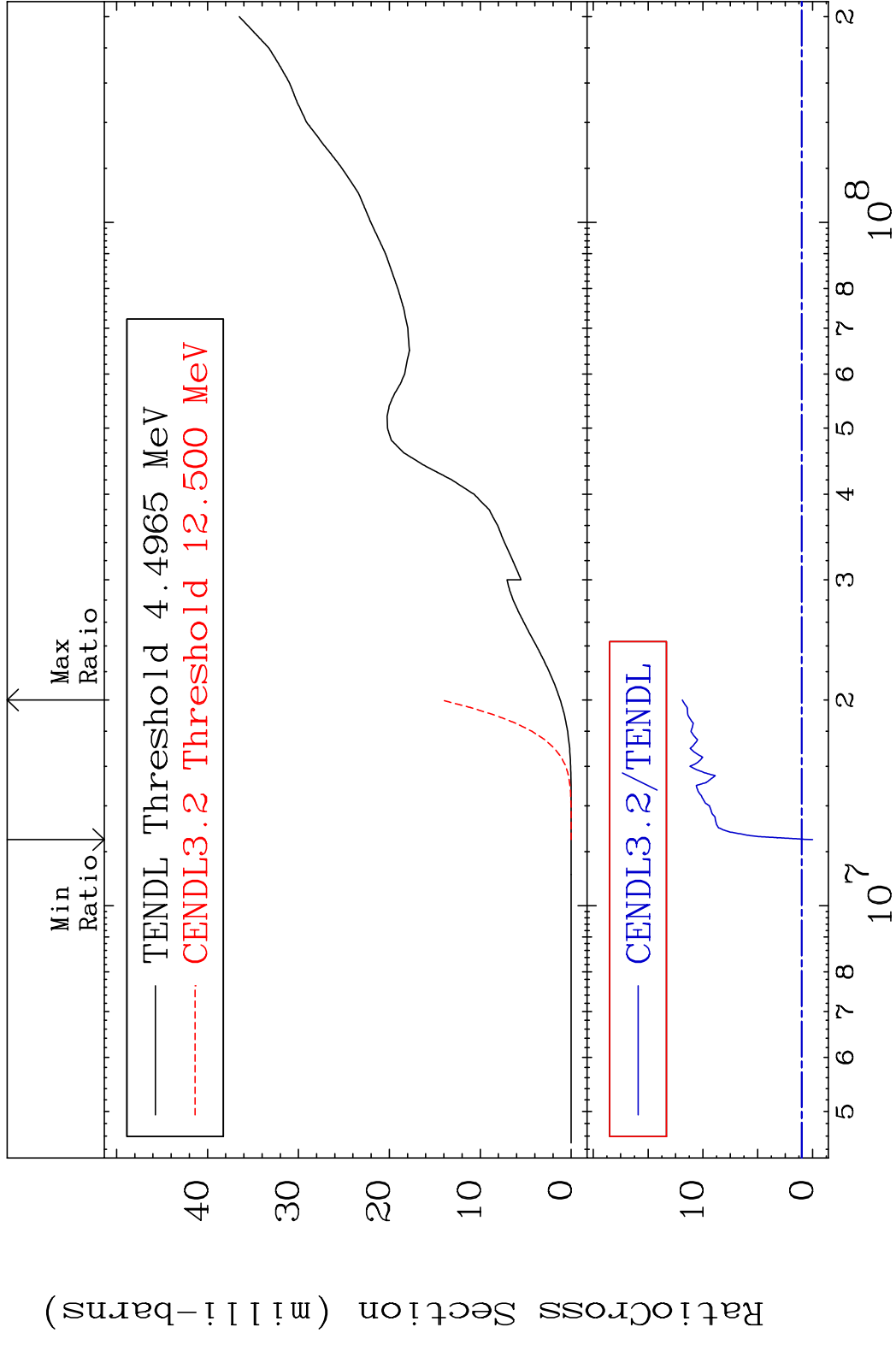


34

Incident Energy (eV)

94-Pu-242

MAT 9446 Tritium Production 94-Pu-242  
 Cross Section -100.0 To 1088. %

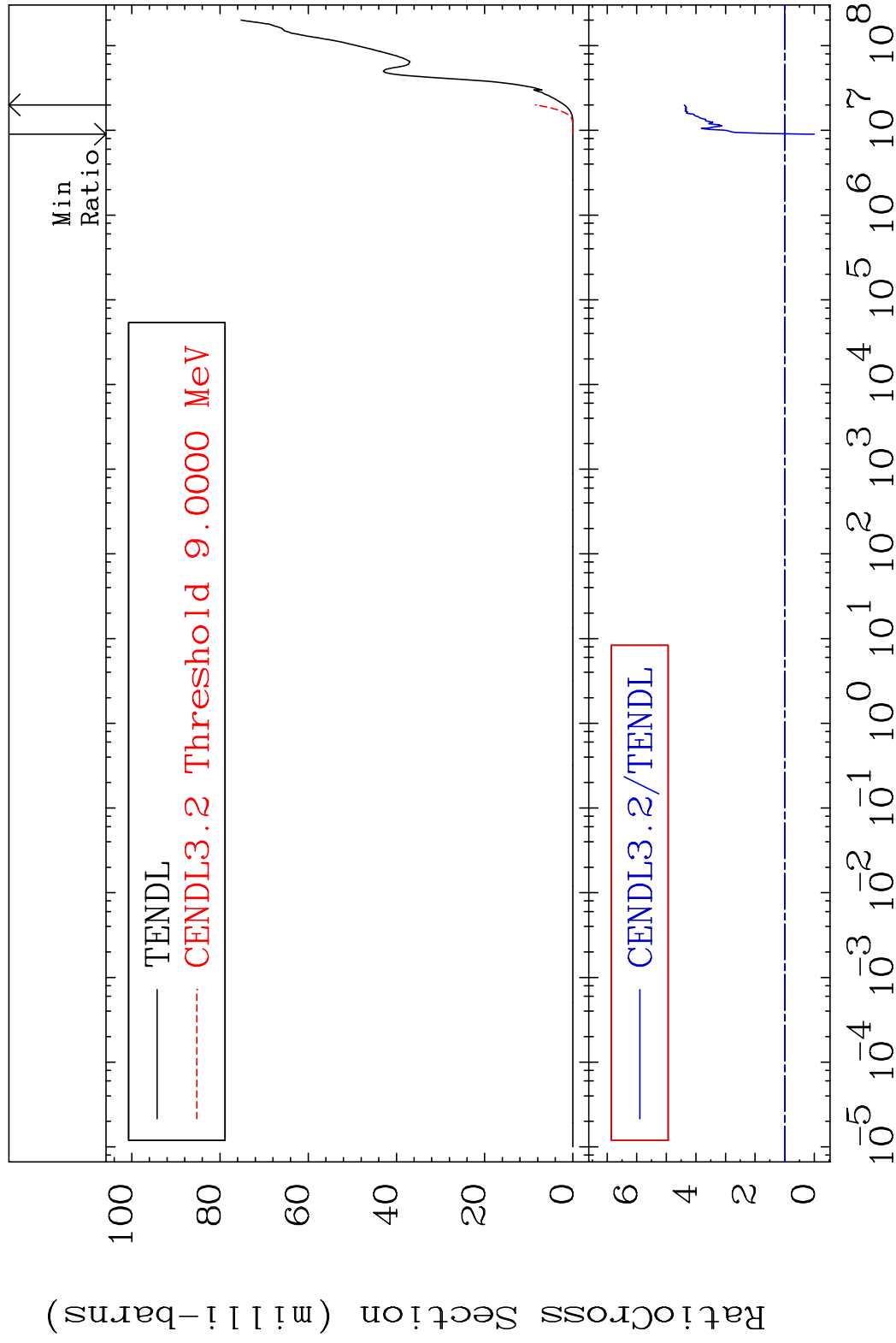


MAT 9446

He-4 Production

94-Pu-242

Cross Section -100.0 To 340.1 %

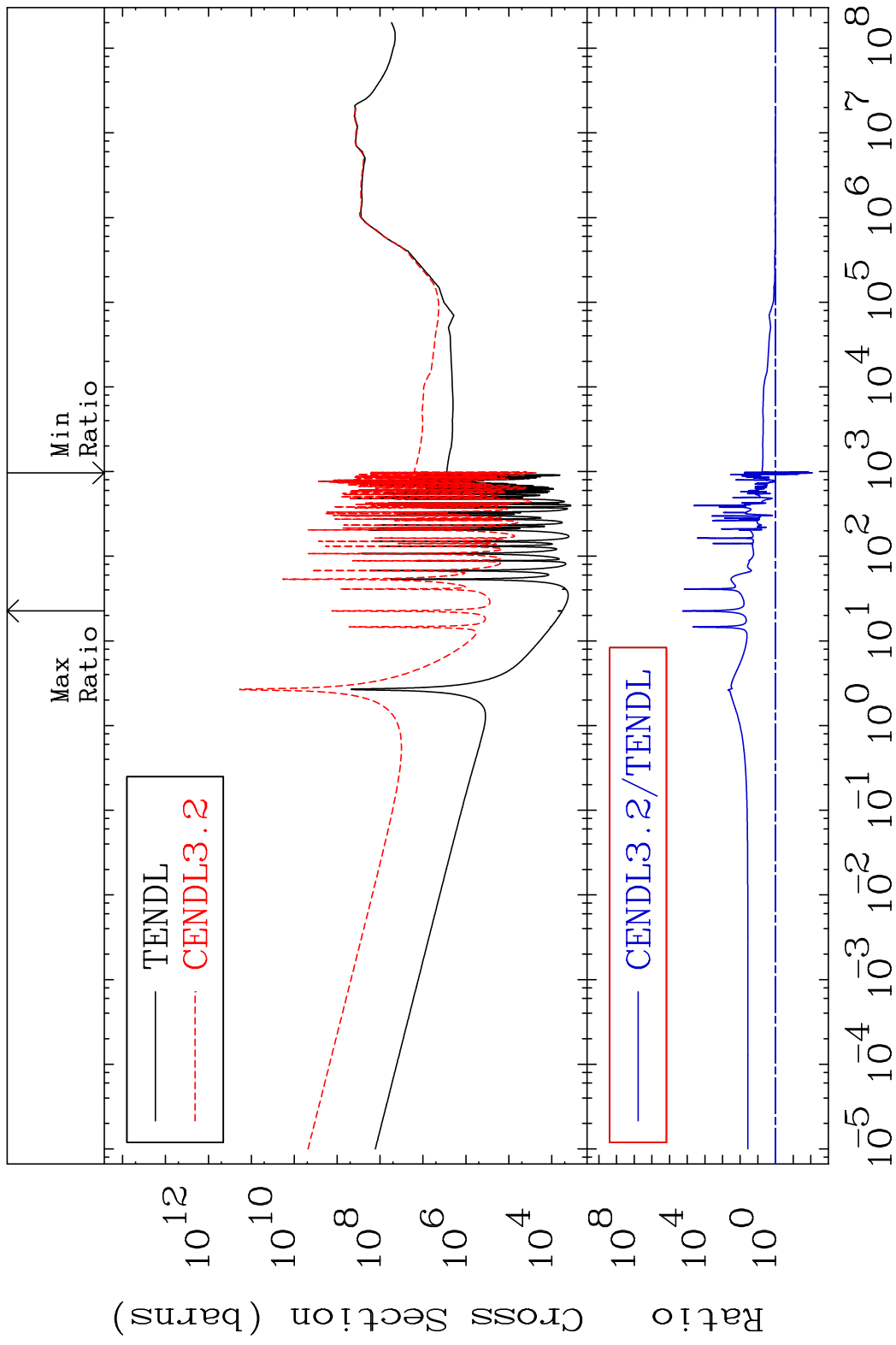


36

Incident Energy (eV)

94-Pu-242

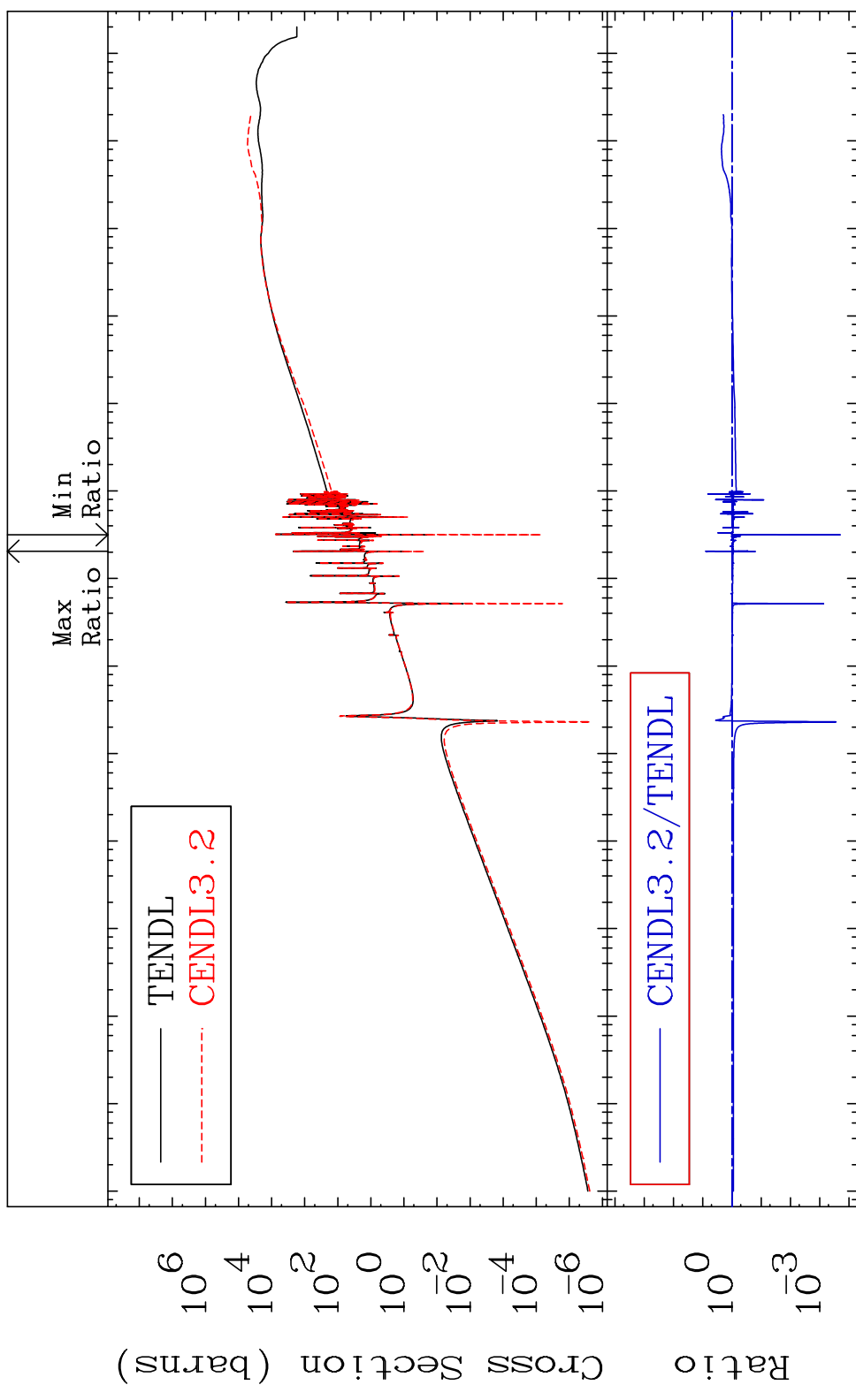
MAT 9446 Kerma total (eV-barns) 94-Pu-242  
 Cross Section -99.20 To 9999. %



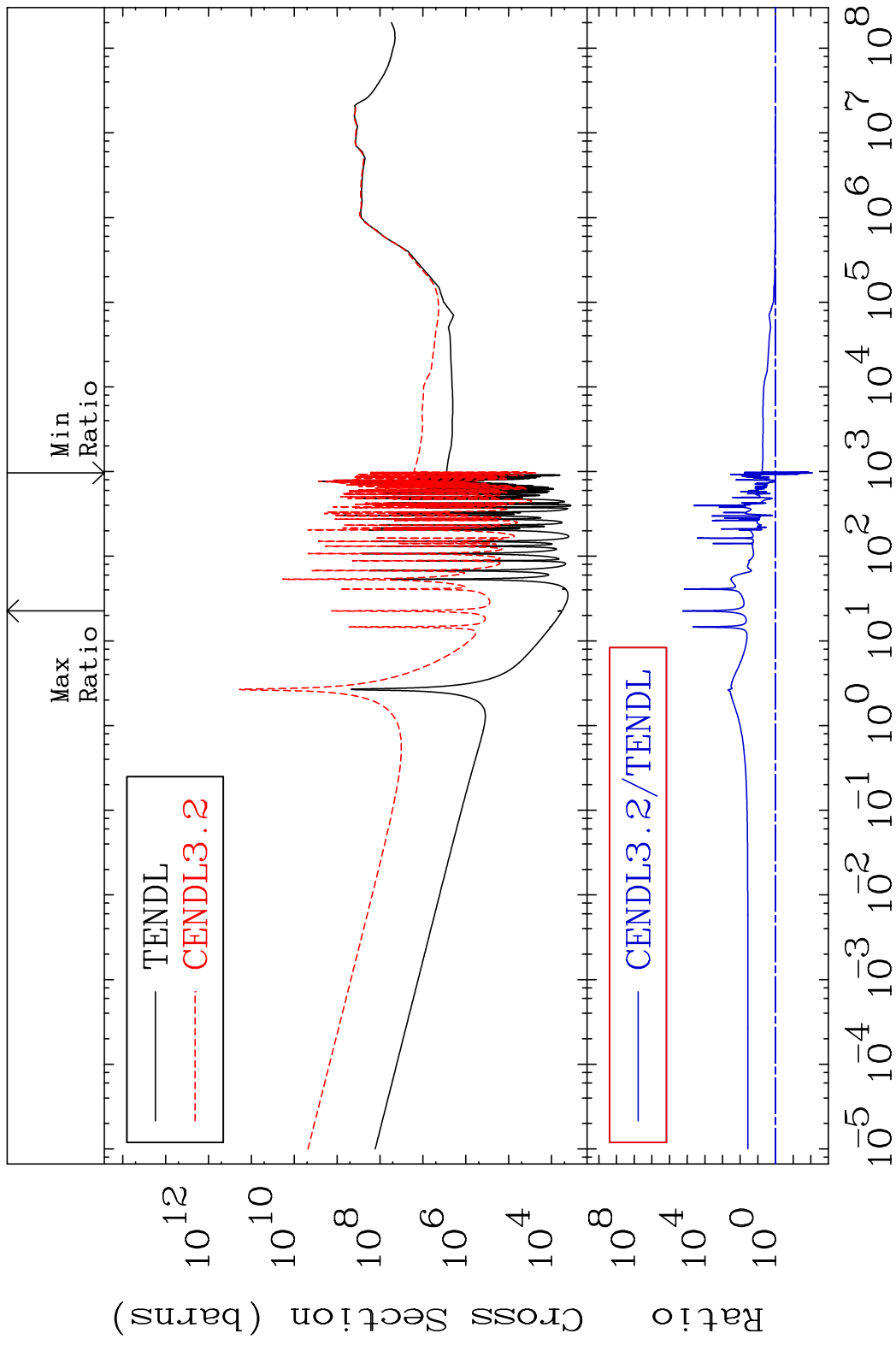
MAT 9446

Kerma elastic  
Cross Section -99.98 To 685.3 %

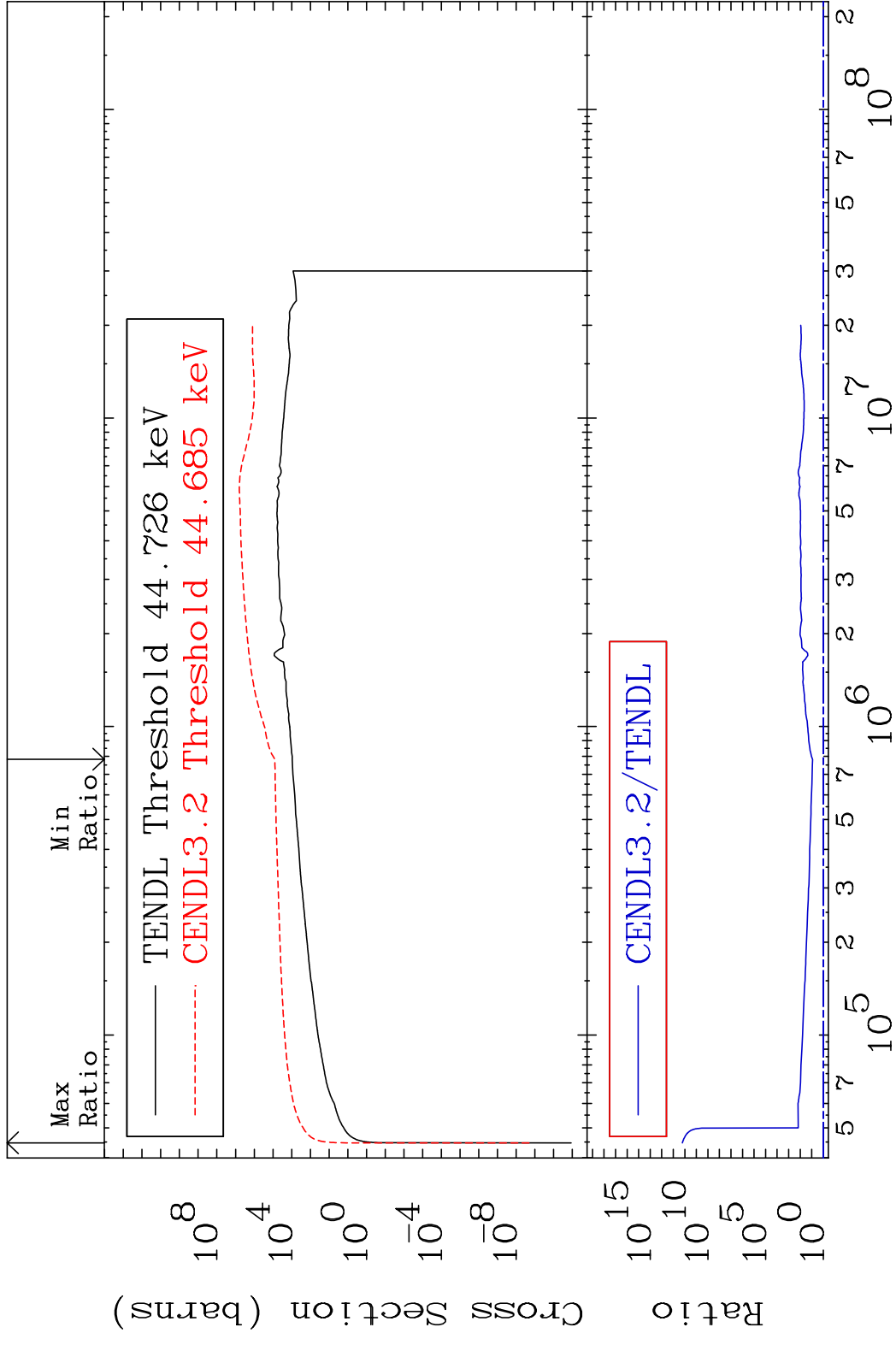
94-Pu-242



MAT 9446 Kerma non-elastic (all but mt2) 94-Pu-242  
 Cross Section -99.20 To 9999. %

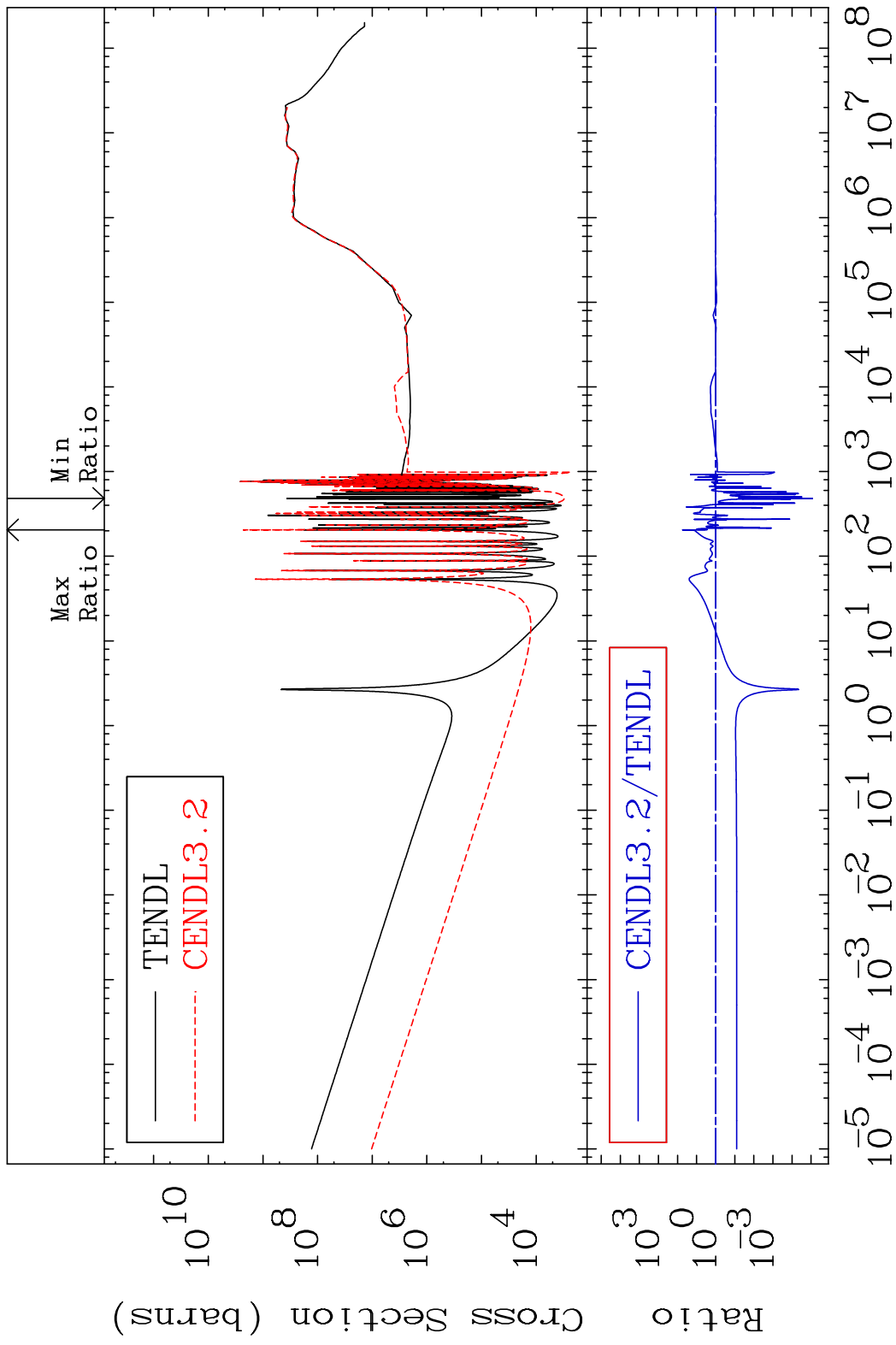


MAT 9446 Kerma inelastic (mt51-91) 94-Pu-242  
 Cross Section 745.8 To 9999. %



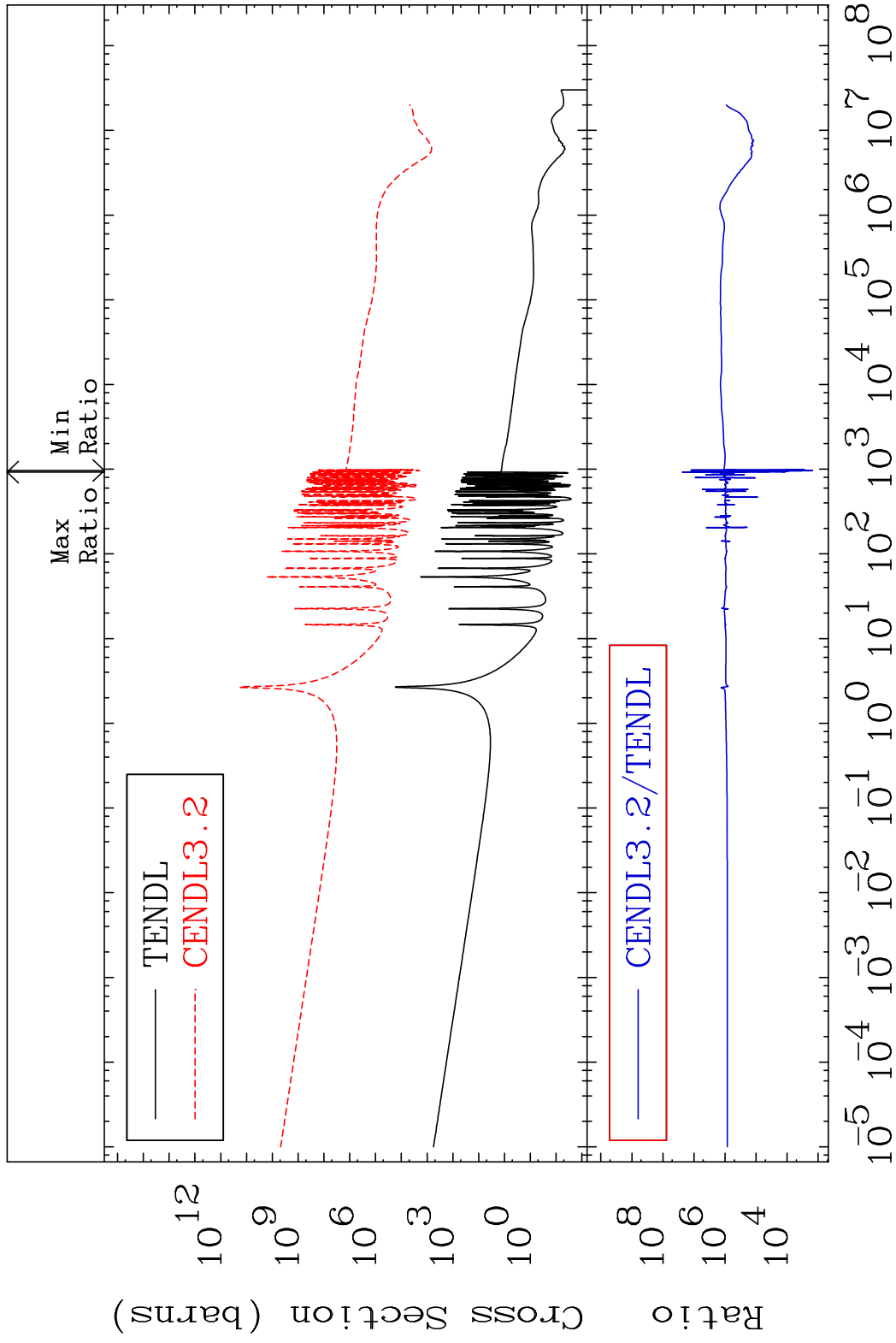
40 Incident Energy (eV) 94-Pu-242

MAT 9446 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-242  
 Cross Section -100.0 To 5488. %



MAT 9446

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

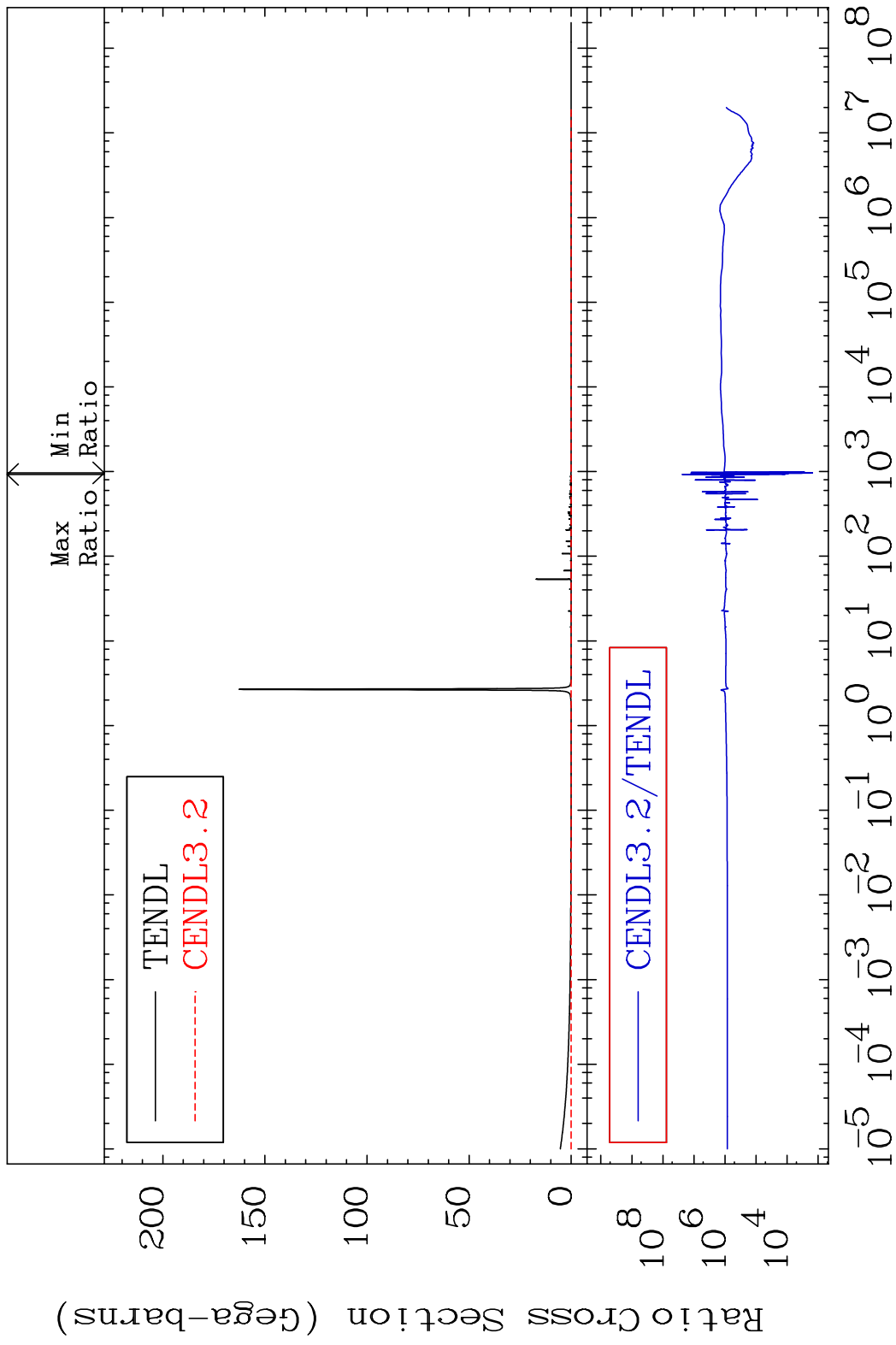


42

Incident Energy (eV)

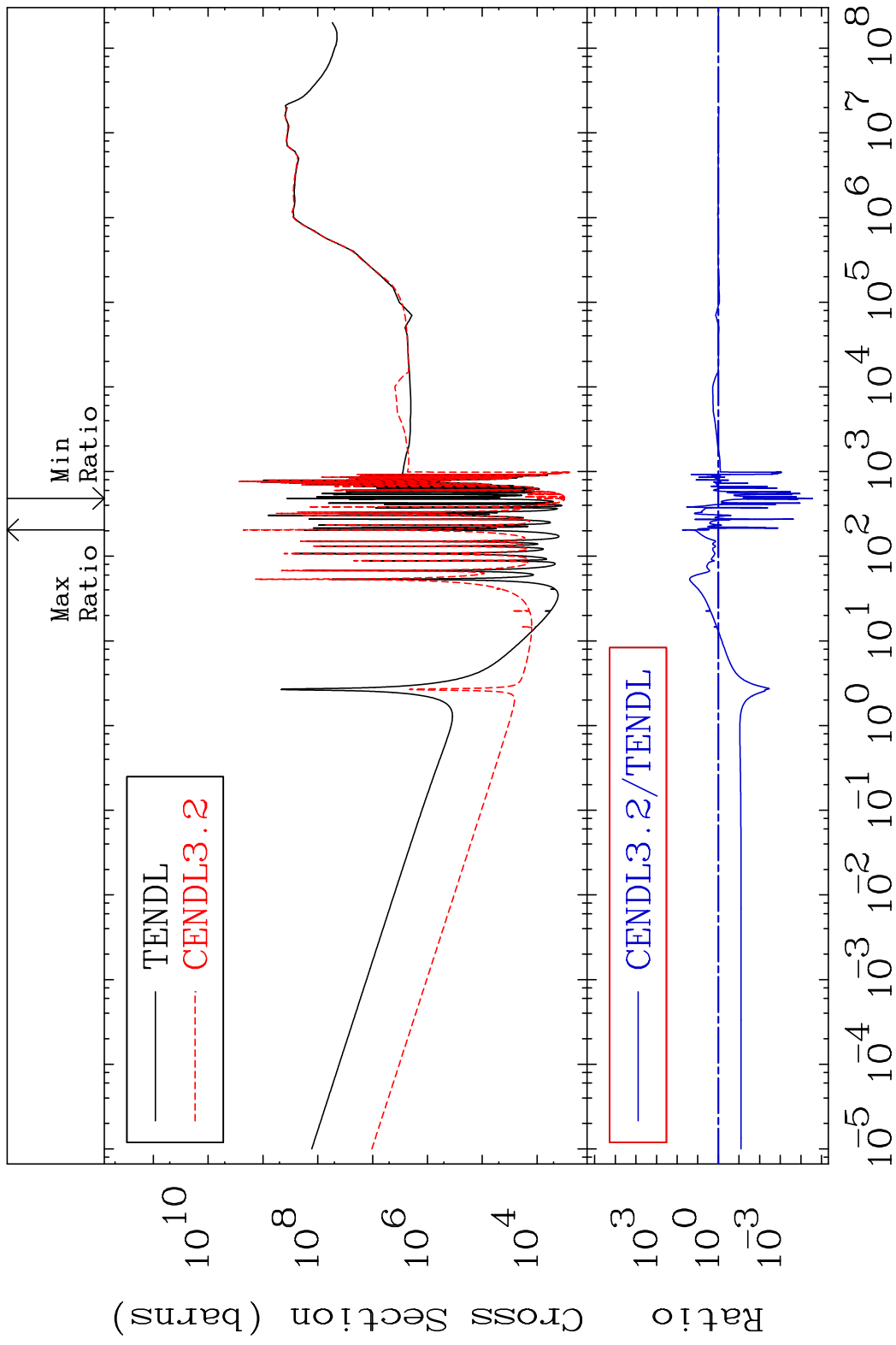
94-Pu-242

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

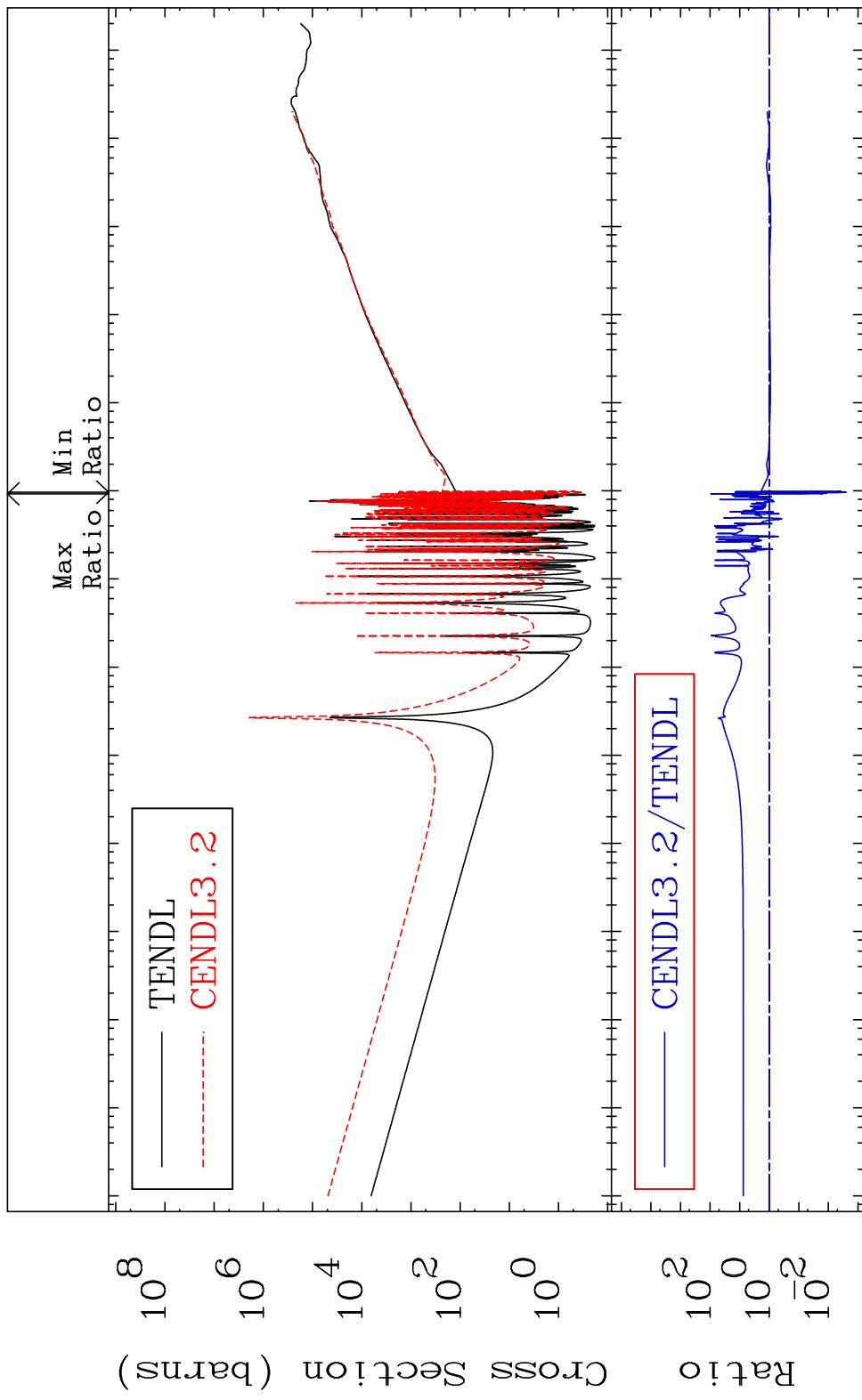


43 94-Pu-242

MAT 9446 Total kinematic kerma (high limit) 94-Pu-242  
 Cross Section -100.0 To 5488. %



MAT 9446      Dpa total (eV-barns)      94-Pu-242  
 Cross Section      -99.75 To 9449. %



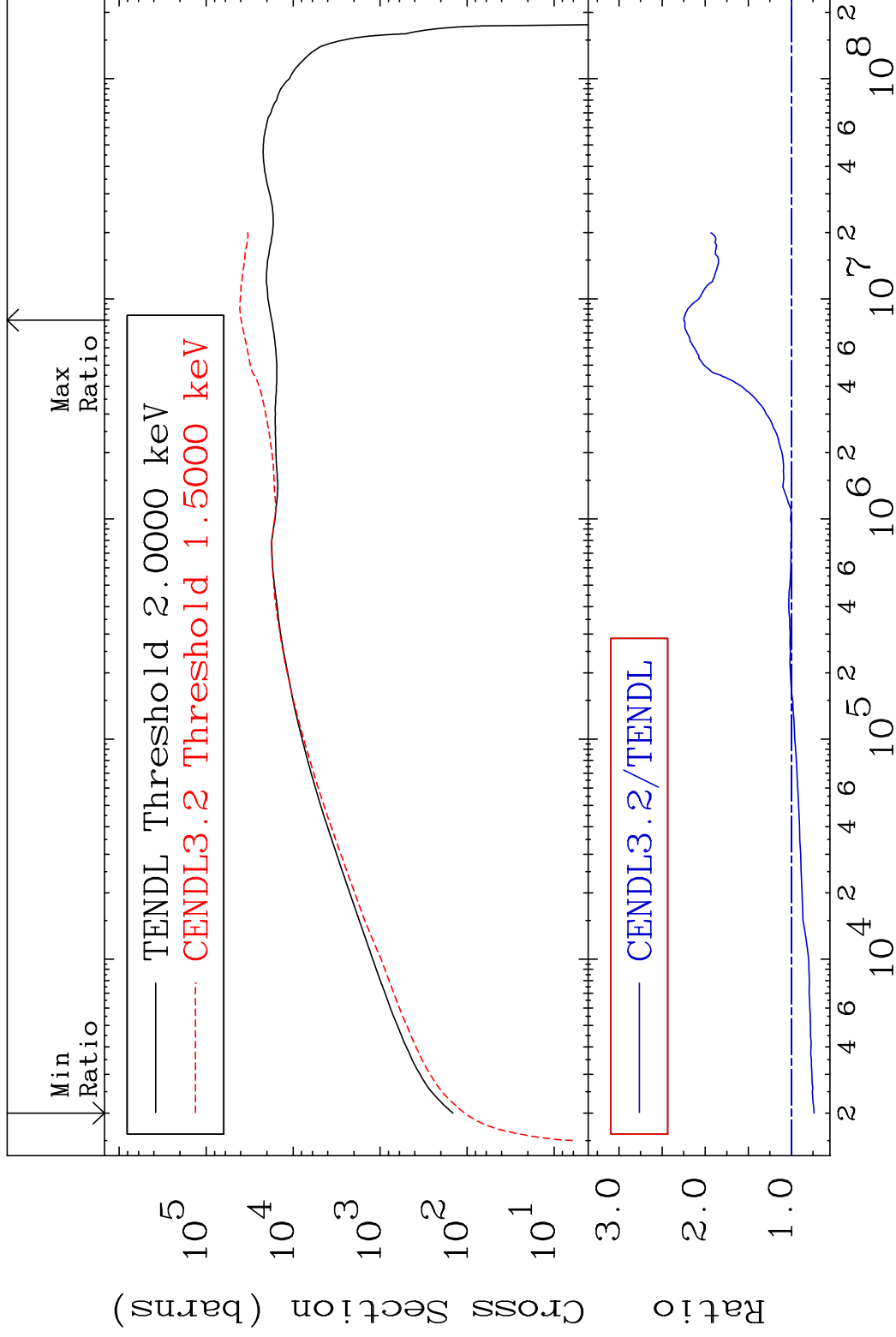
MAT 9446

Dpa elastic (mt2)

94-Pu-242

Cross Section

-26.28 To 125.0 %

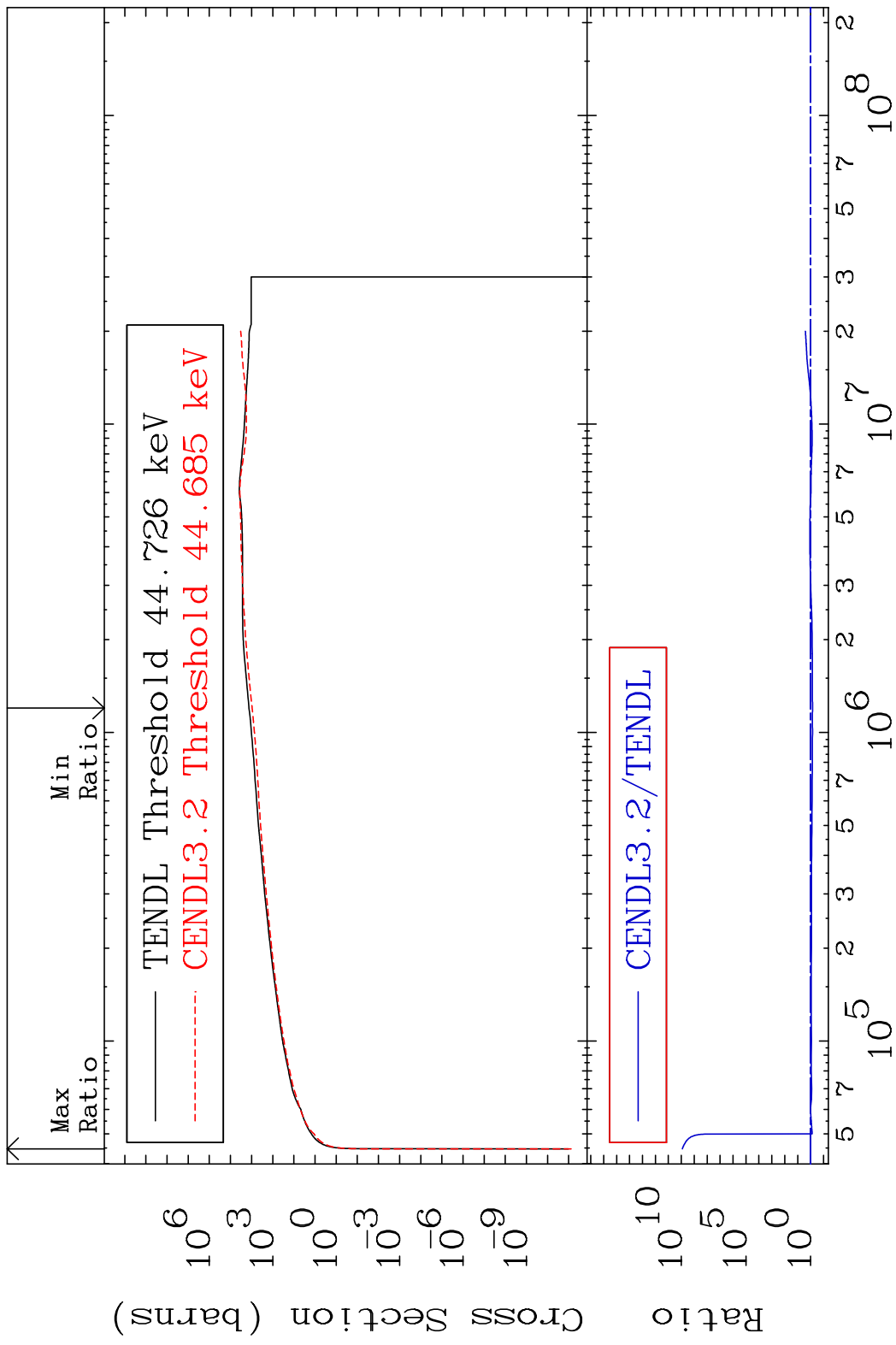


46

Incident Energy (eV)

94-Pu-242

MAT 9446 Dpa inelastic (mt51-91) 94-Pu-242  
 Cross Section -29.00 To 9999. %



MAT 9446 Dpa disappearance (mt102 -120) 94-Pu-242  
 Cross Section -88.17 To 9999. %

