

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

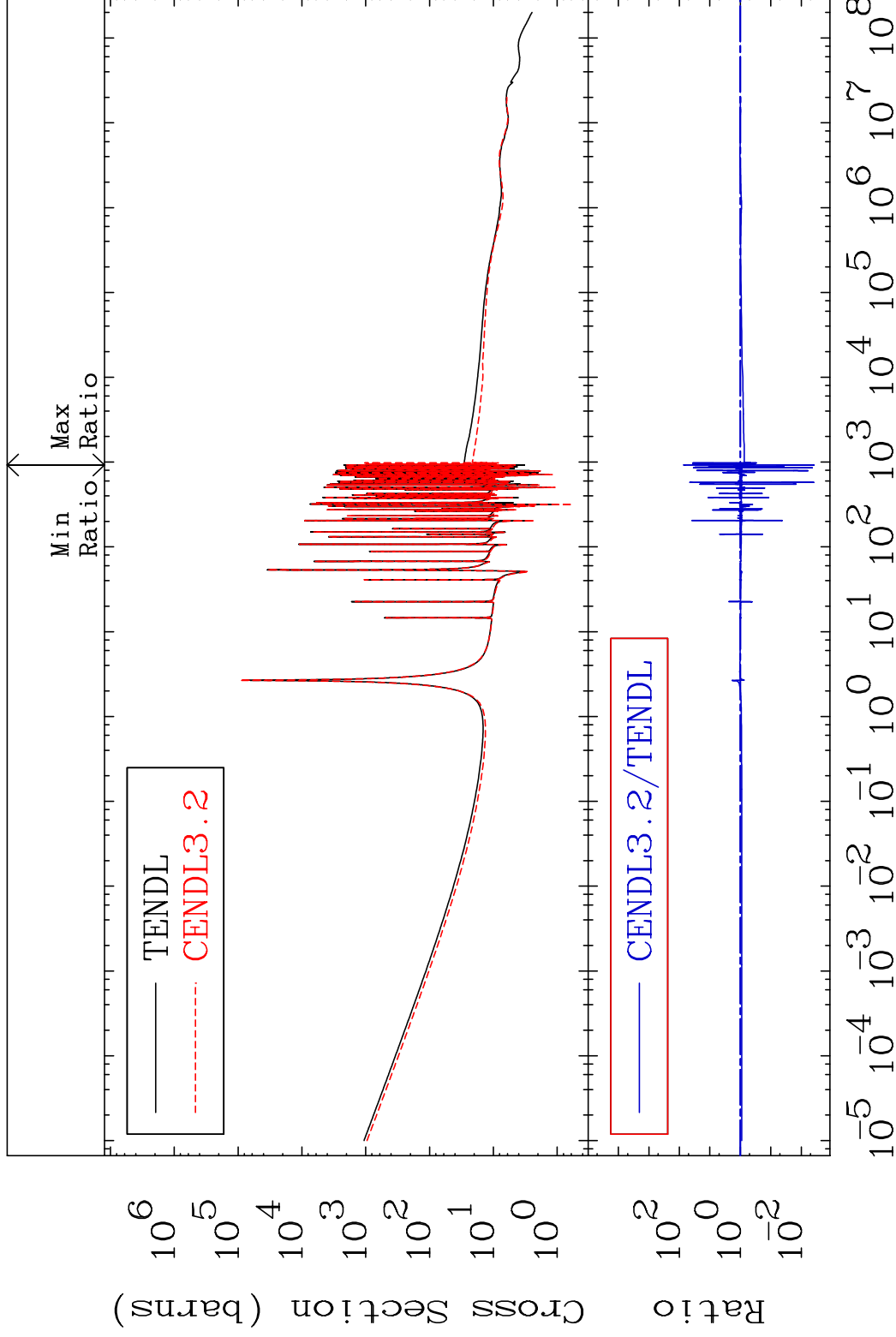
MAT 9446

Total

94-Pu-242

Cross Section

-99.62 To 7138. %



1

Incident Energy (eV)

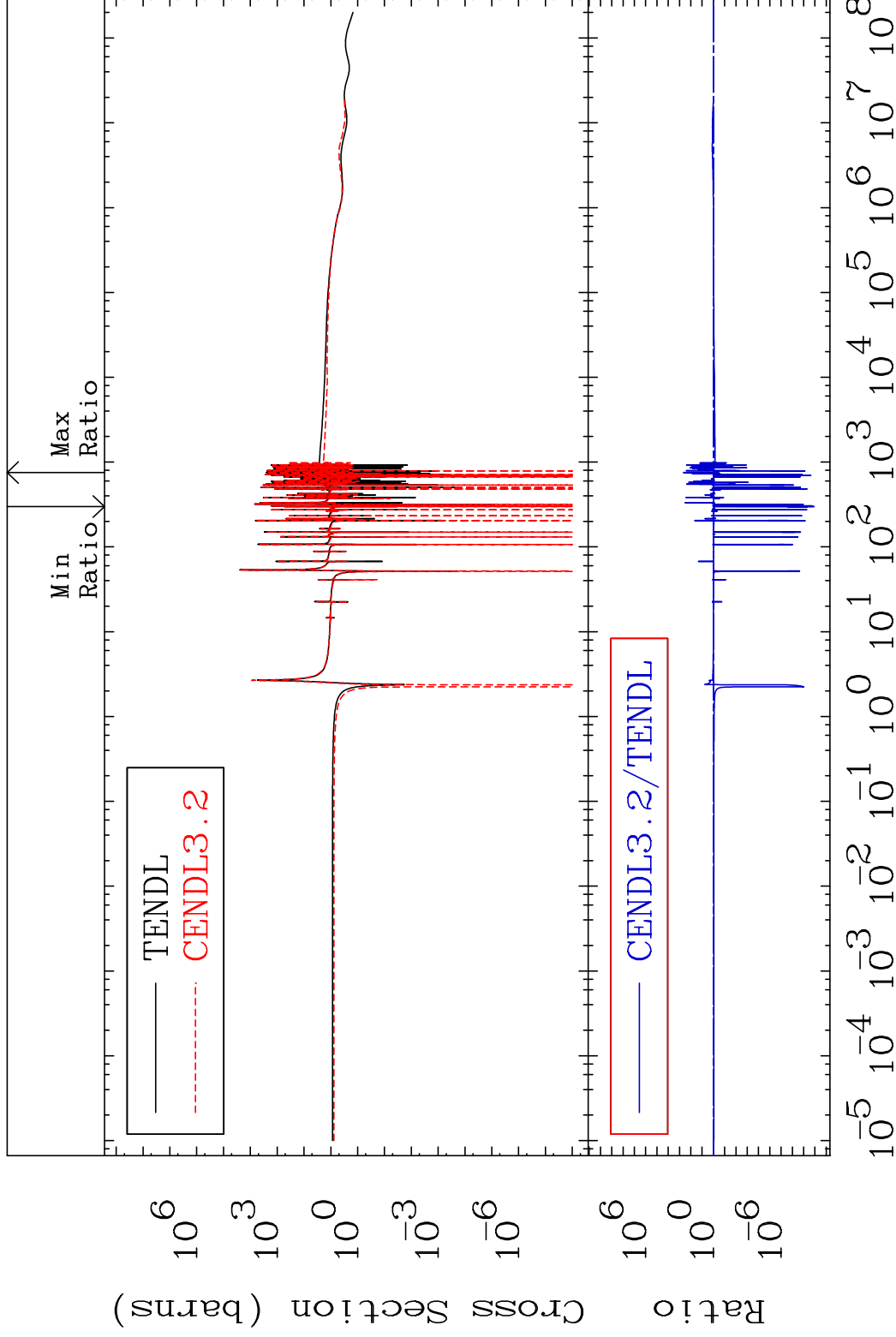
94-Pu-242

MAT 9446

Elastic

94-Pu-242

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

94-Pu-242

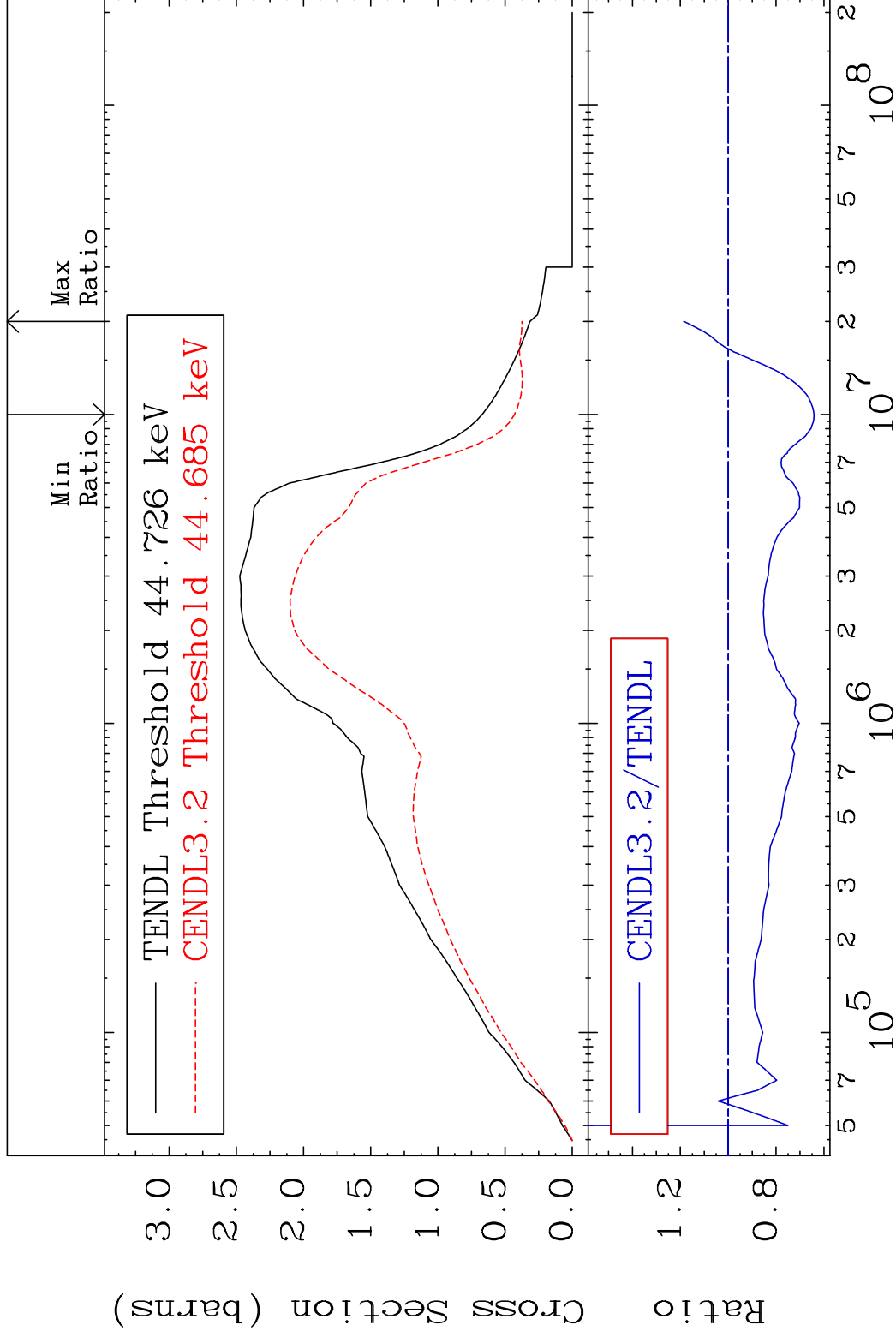
MAT 9446

Inelastic

94-Pu-242

Cross Section

-35.88 To 18.61 %



3

Incident Energy (eV)

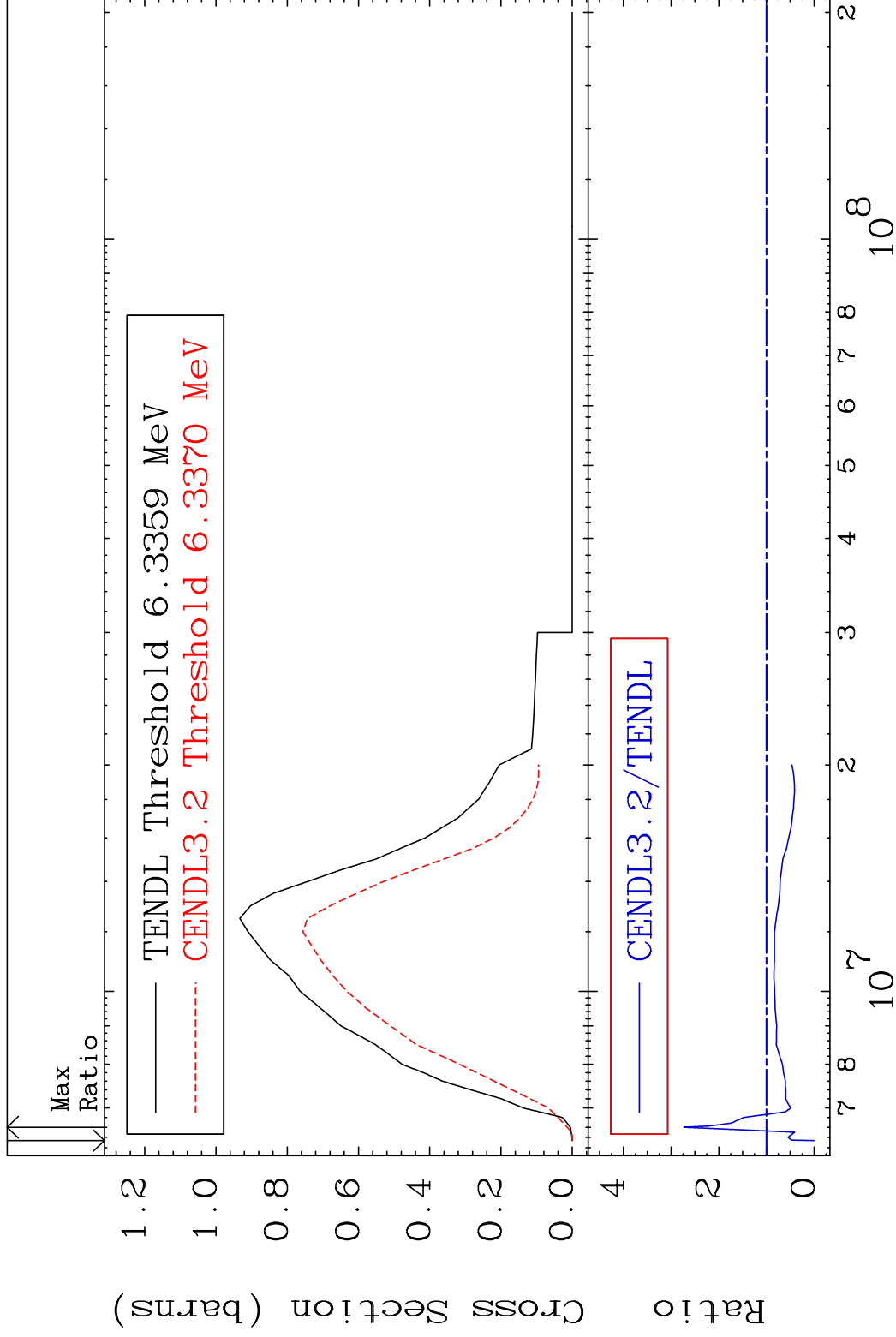
94-Pu-242

MAT 9446

(n,2n)

94-Pu-242

Cross Section -100.0 To 173.7 %



4

Incident Energy (eV)

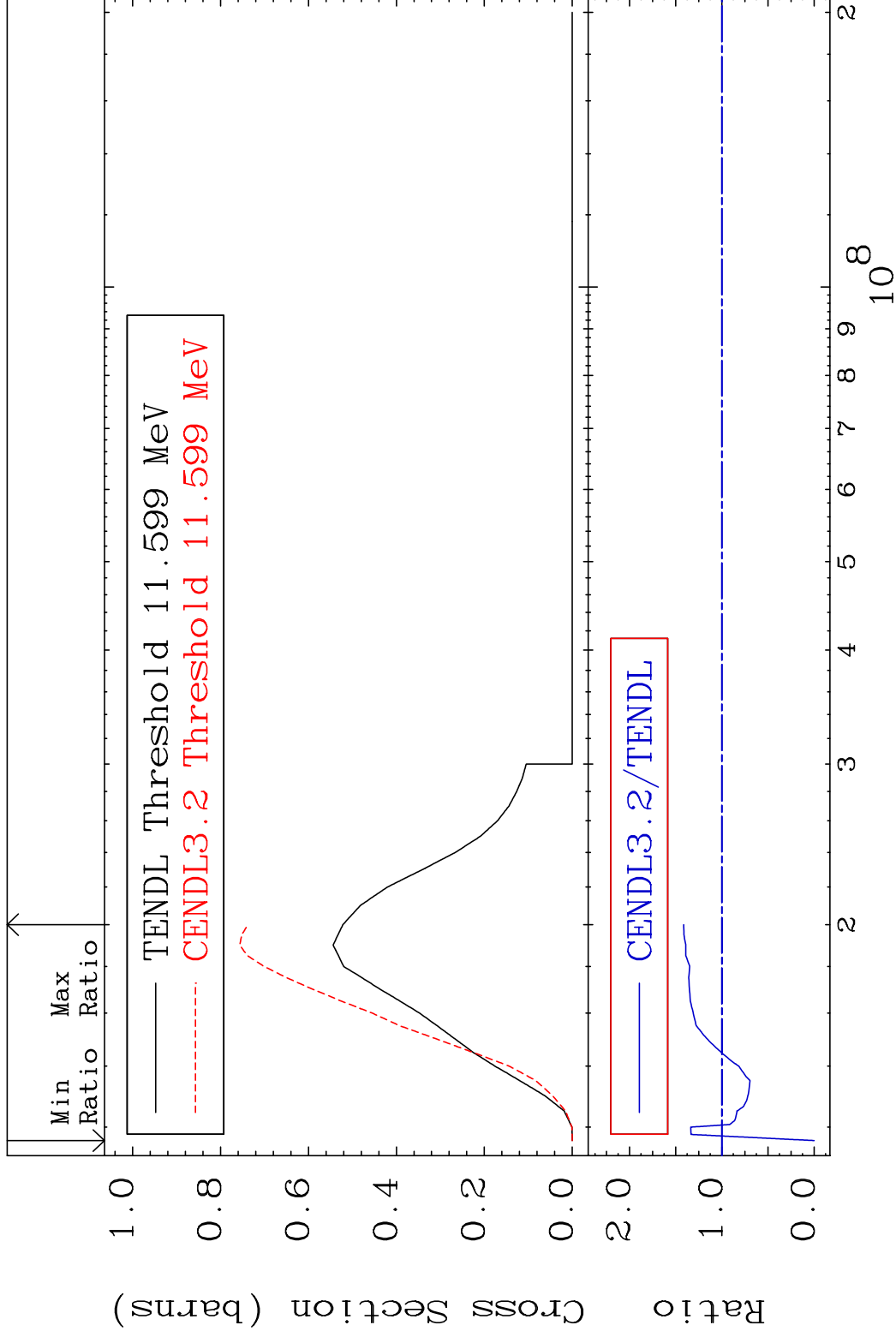
94-Pu-242

MAT 9446

(n,3n)

94-Pu-242

Cross Section -100.0 To 41.36 %

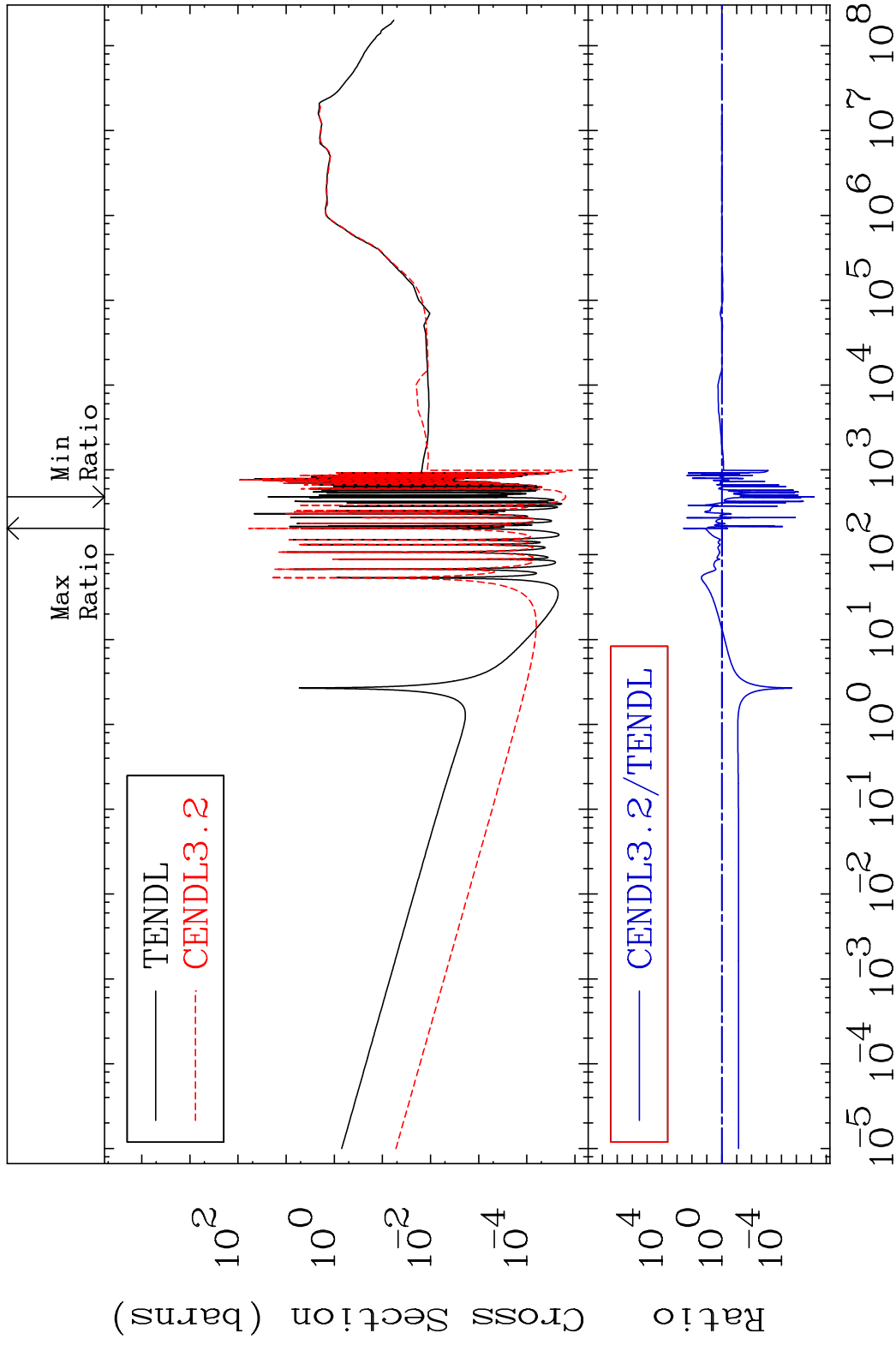


MAT 9446

Fission

94-Pu-242

Cross Section -100.0 To 9999. %

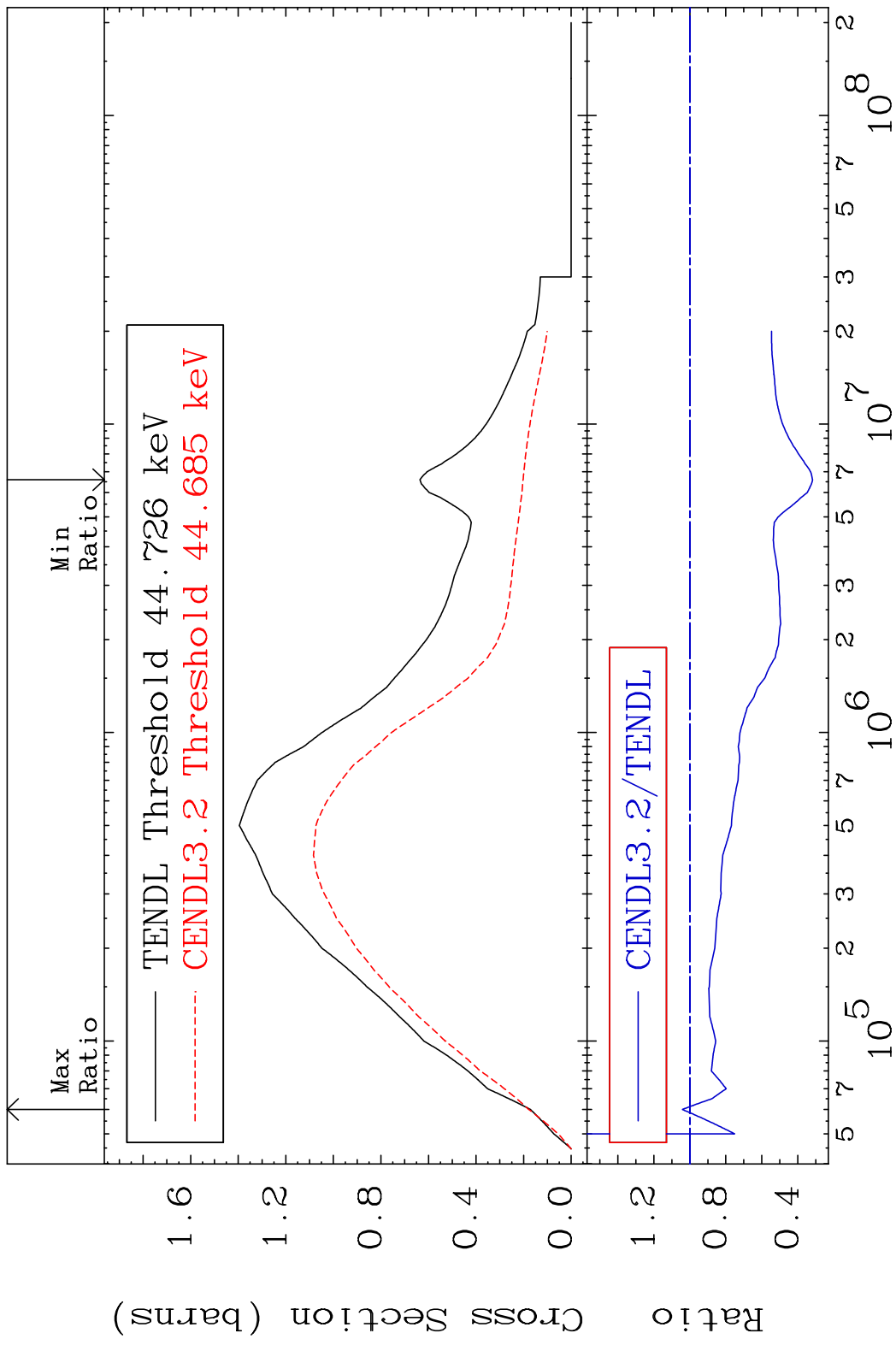


6

Incident Energy (eV)

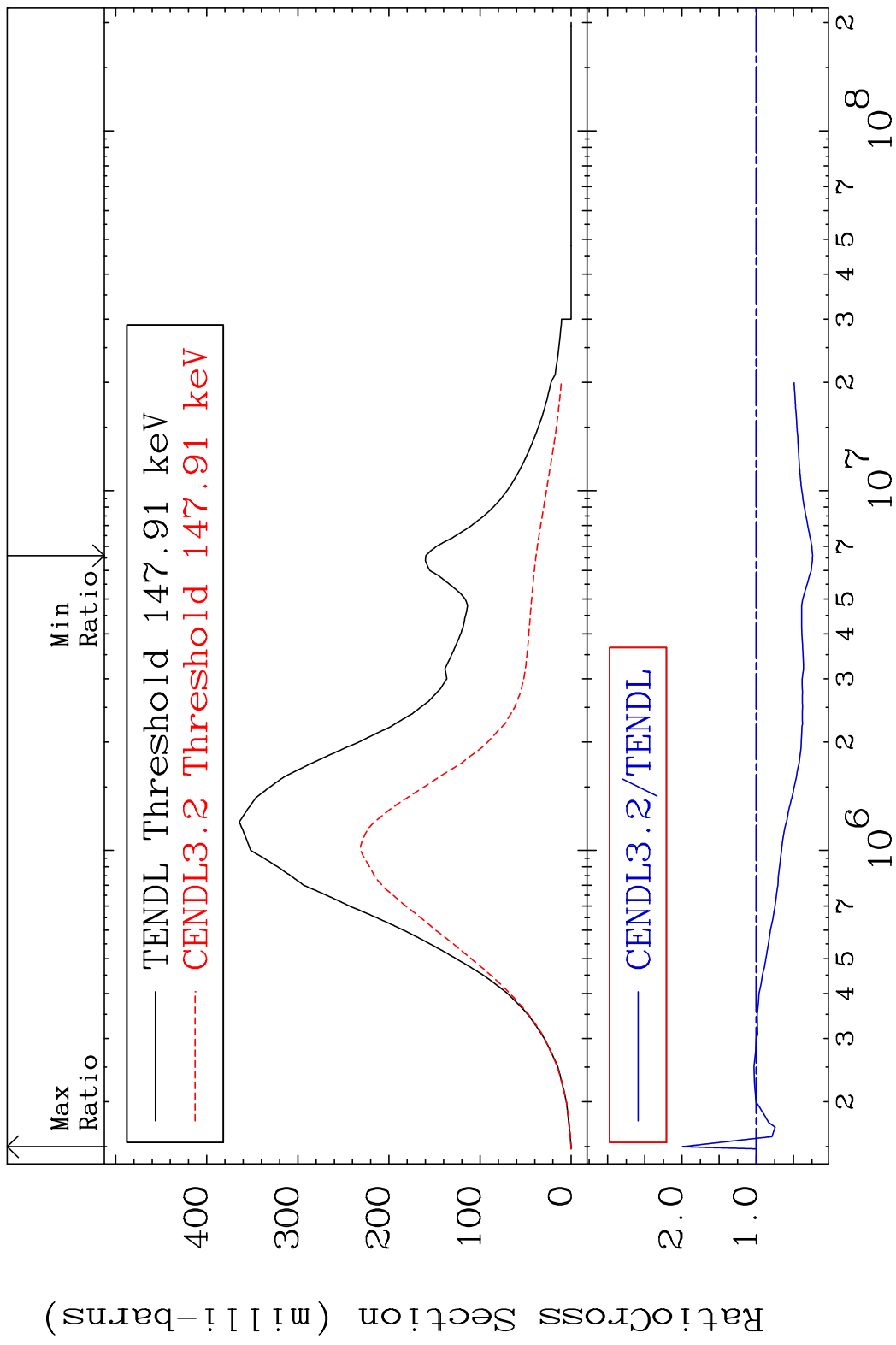
94-Pu-242

MAT 9446 MT= 51 (n, n') Level 94-Pu-242  
 Cross Section -68.21 To 4.159 %

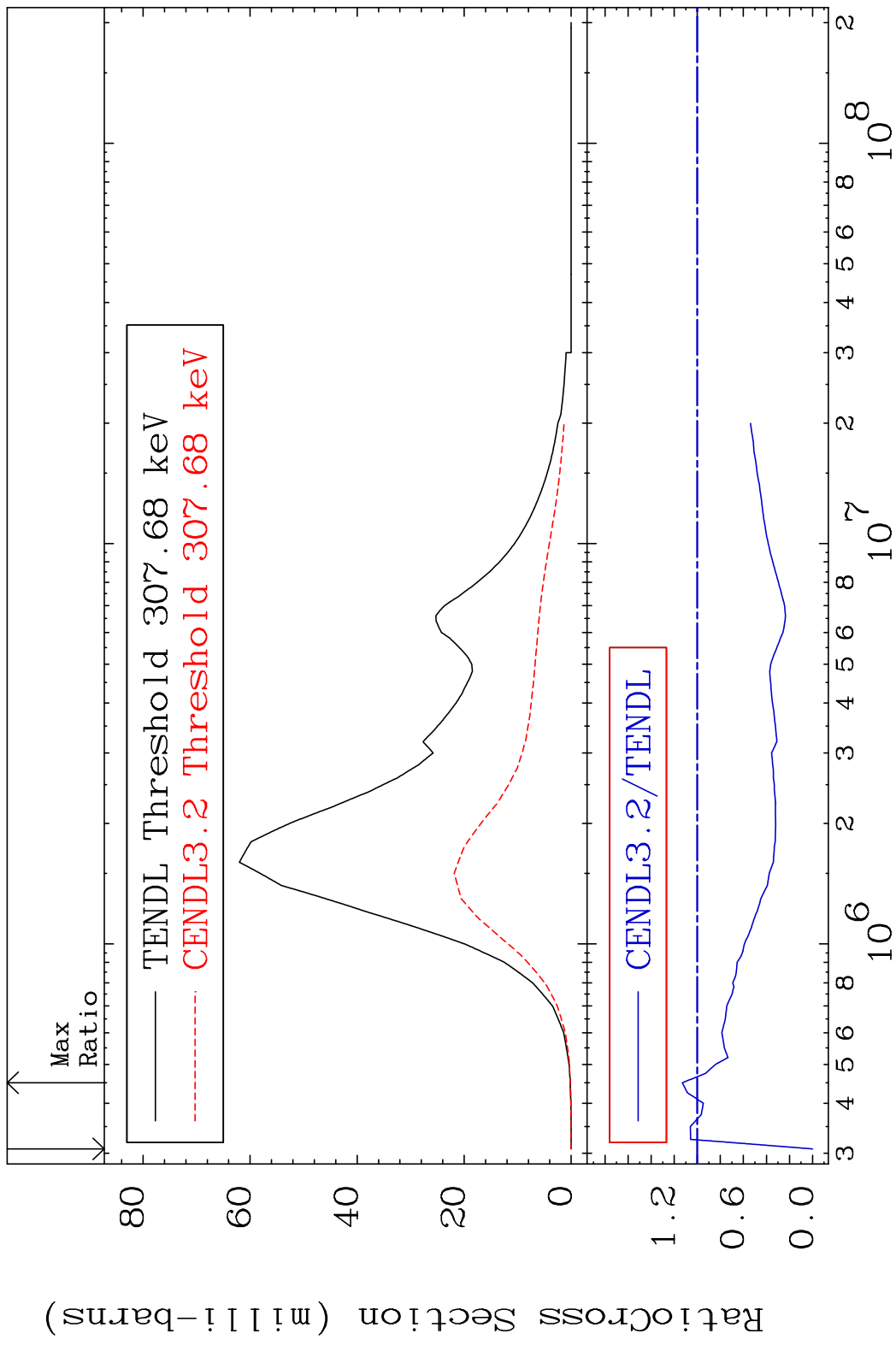


7 Incident Energy (eV) 94-Pu-242

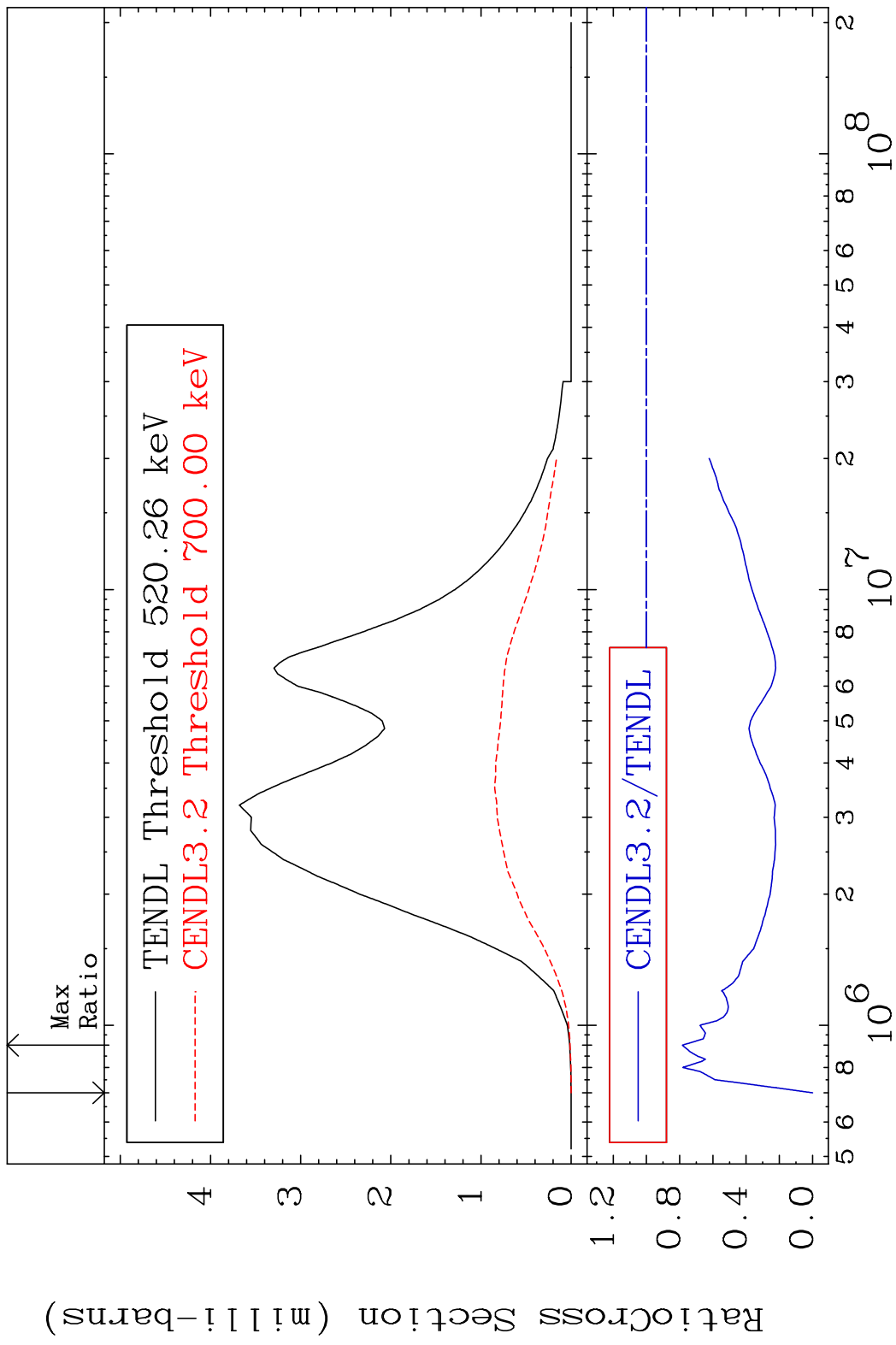
MAT 9446 MT= 52 (n, n') Level 94-Pu-242  
 Cross Section -75.86 To 99.43 %



MAT 9446 MT= 53 (n,n') Level 94-Pu-242  
 Cross Section -100.0 To 12.95 %

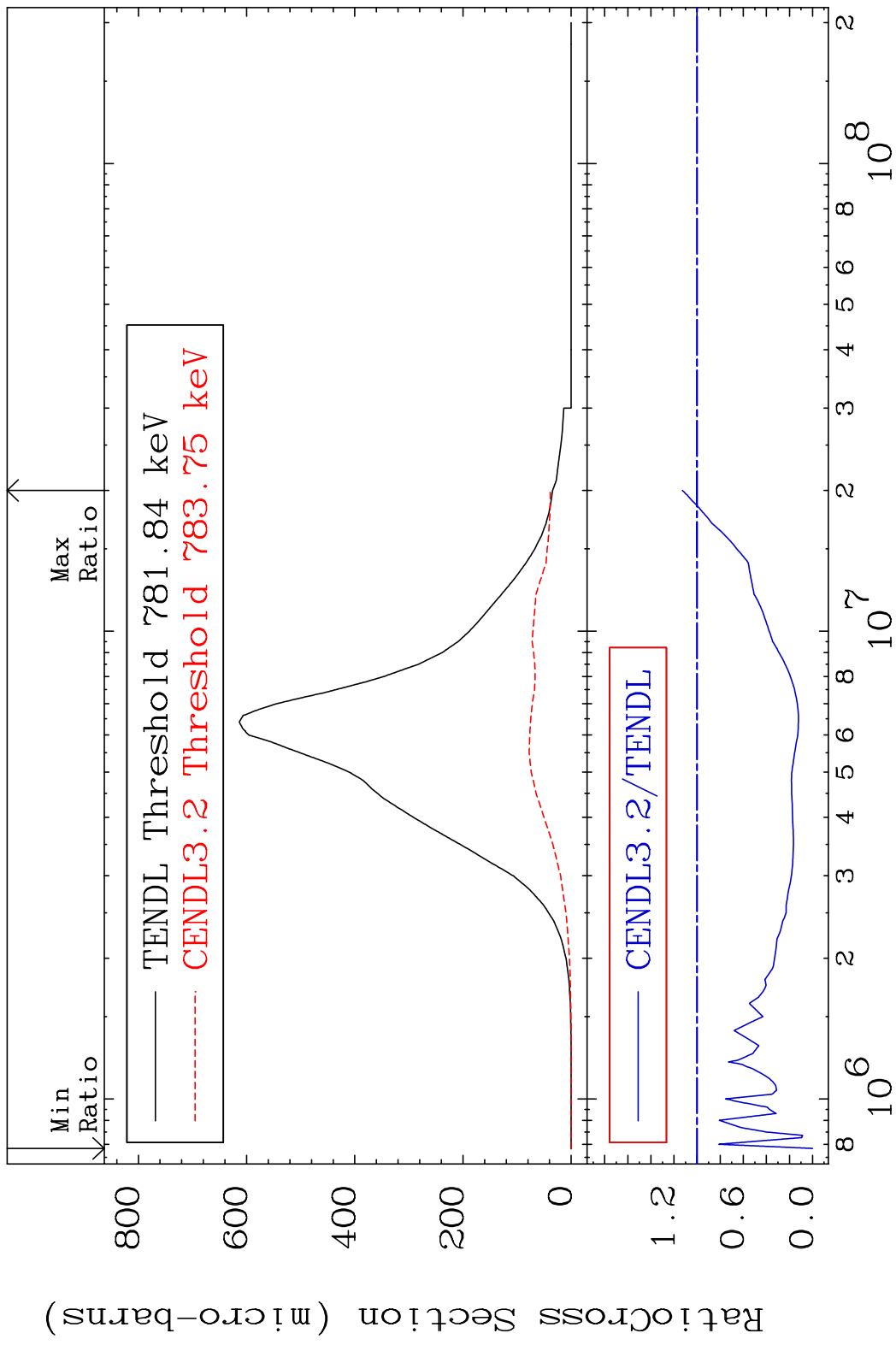


MAT 9446 MT= 54 (n,n') Level 94-Pu-242  
 Cross Section -100.0 To -21.62%

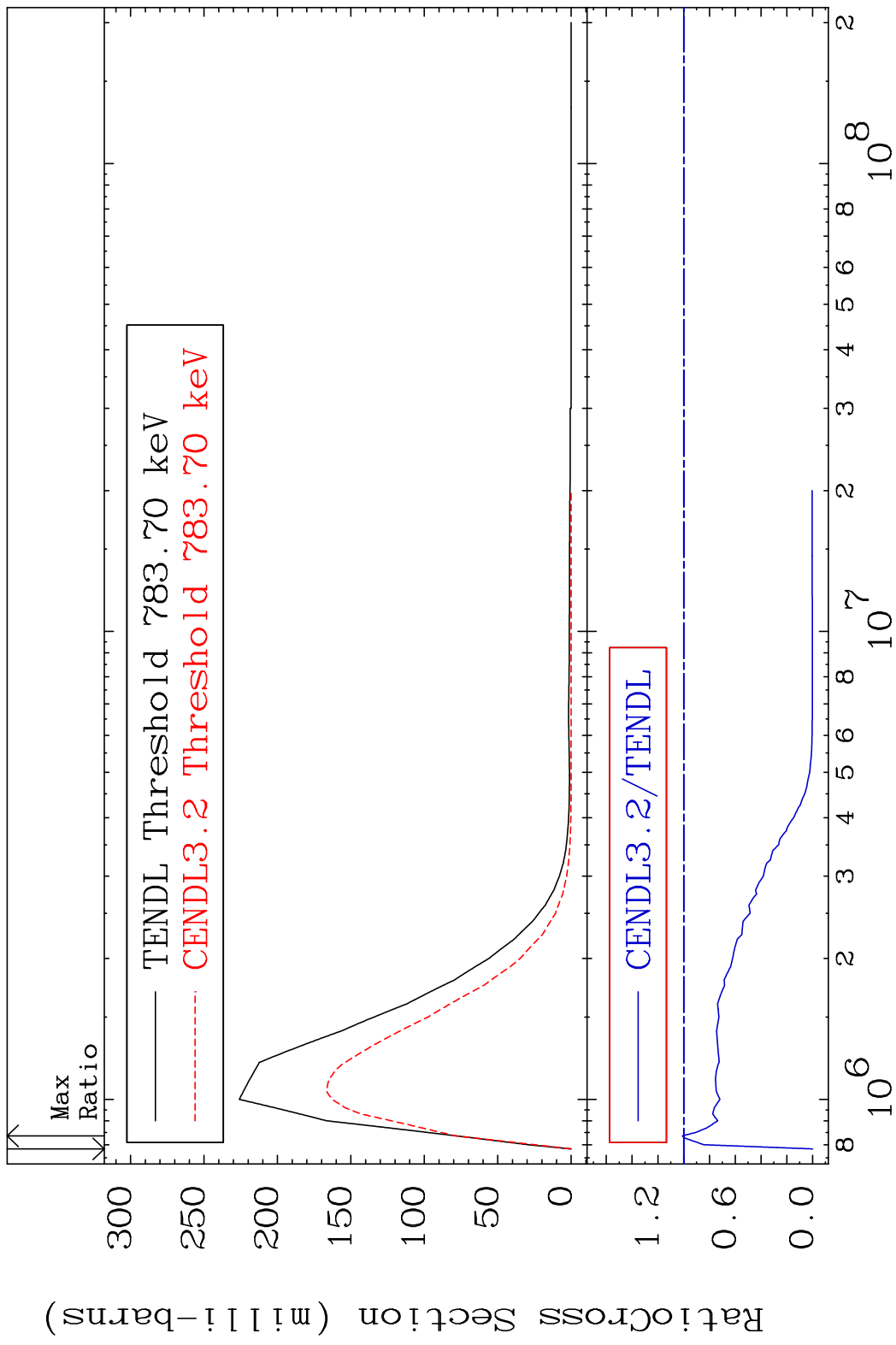


10 10 94-Pu-242

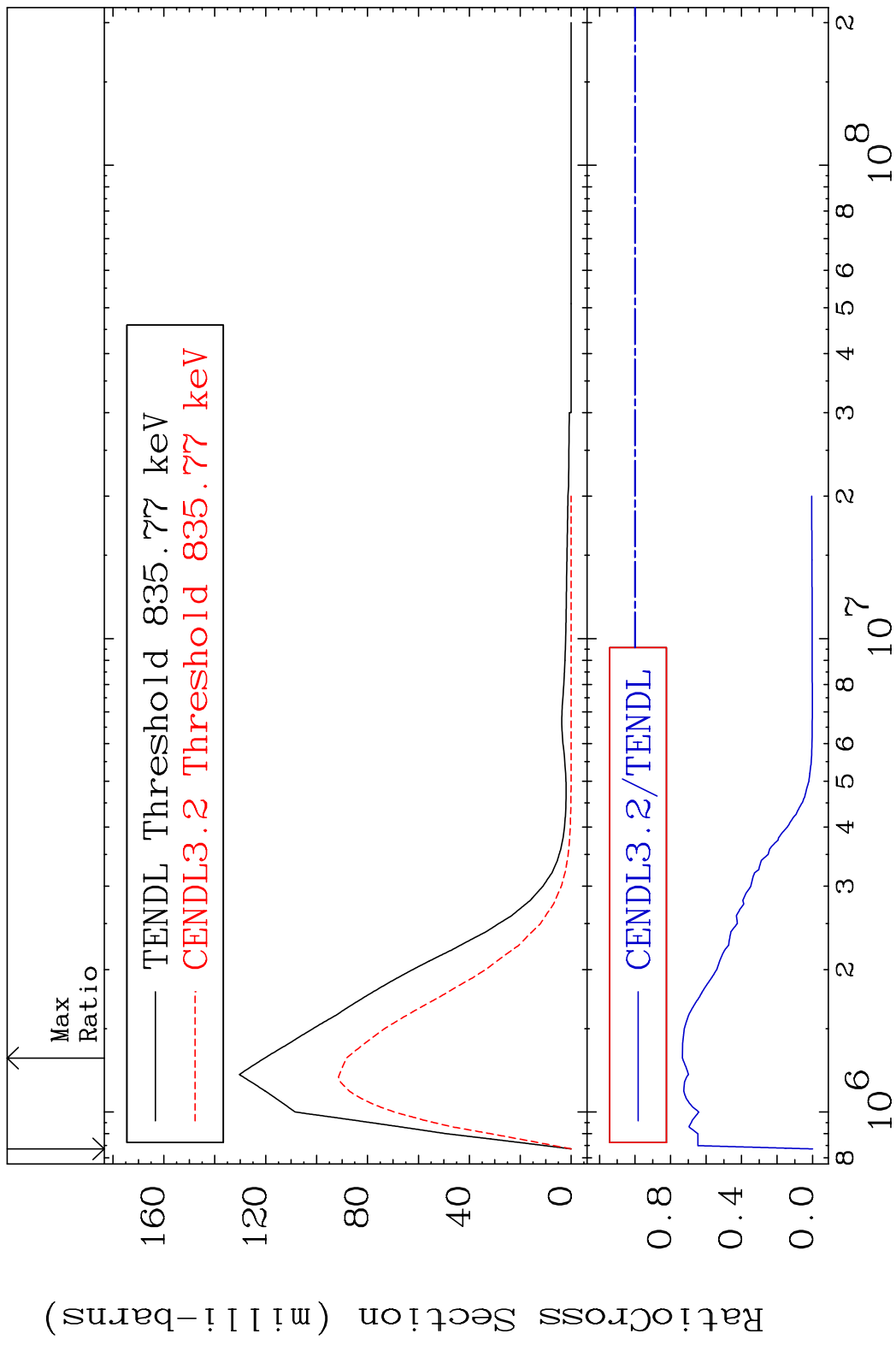
MAT 9446 MT= 55 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 12.77 %



MAT 9446 MT= 56 (n,n') Level 94-Pu-242  
 Cross Section -100.0 To 1.012 %

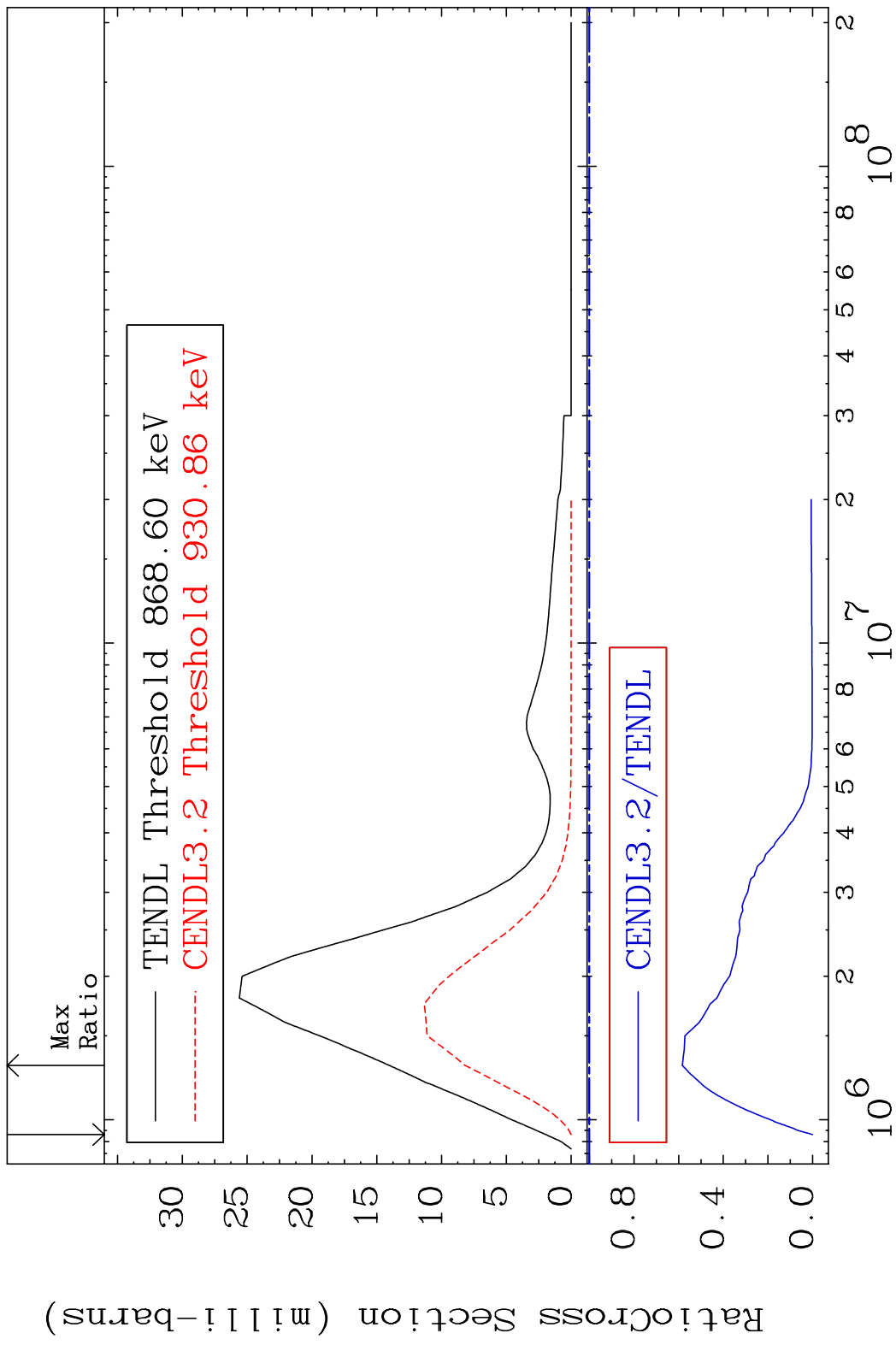


MAT 9446 MT= 57 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -26.67%



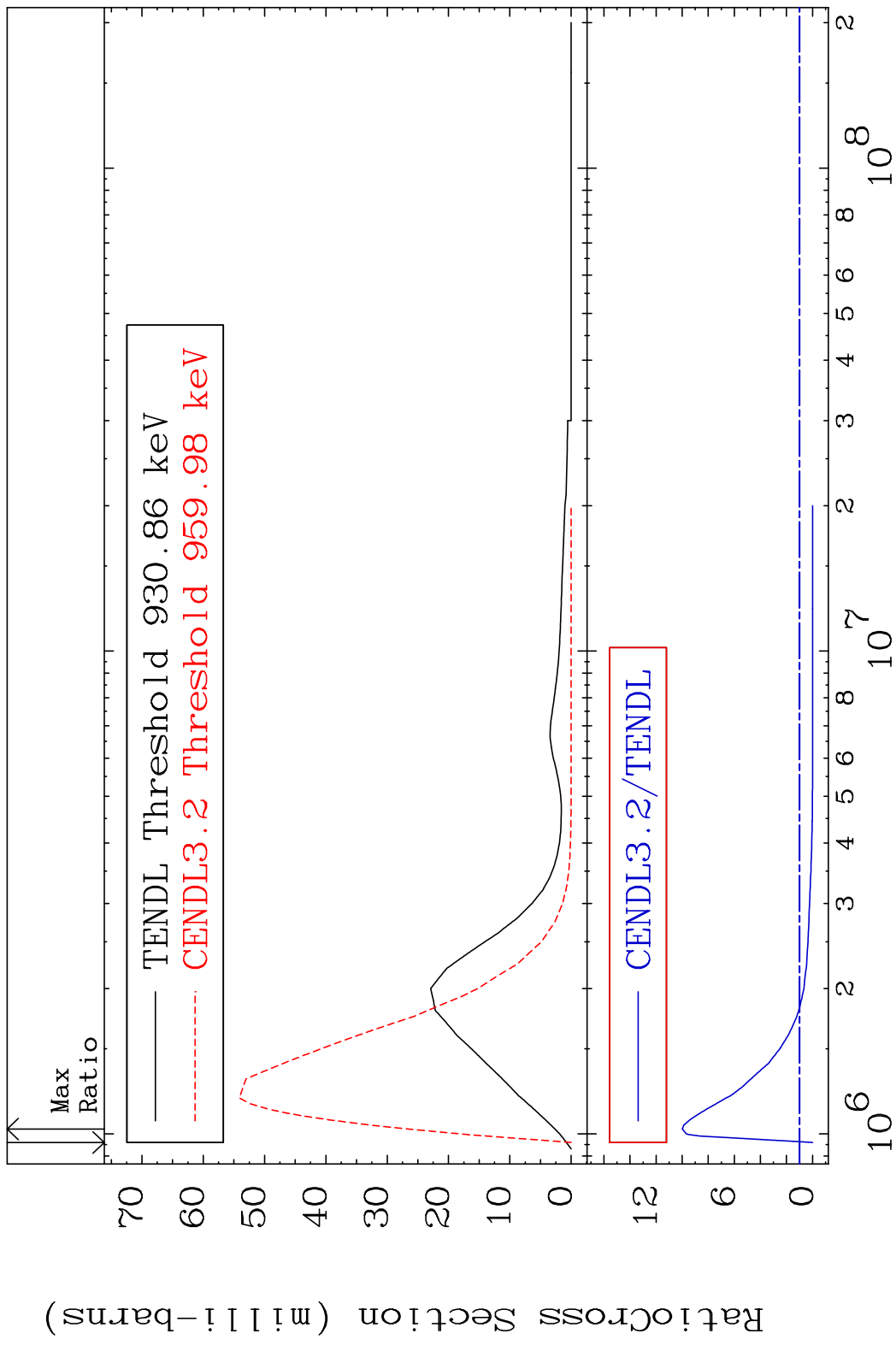
13 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 58 (n,n') Level 94-Pu-242  
 Cross Section -100.0 To -41.65%



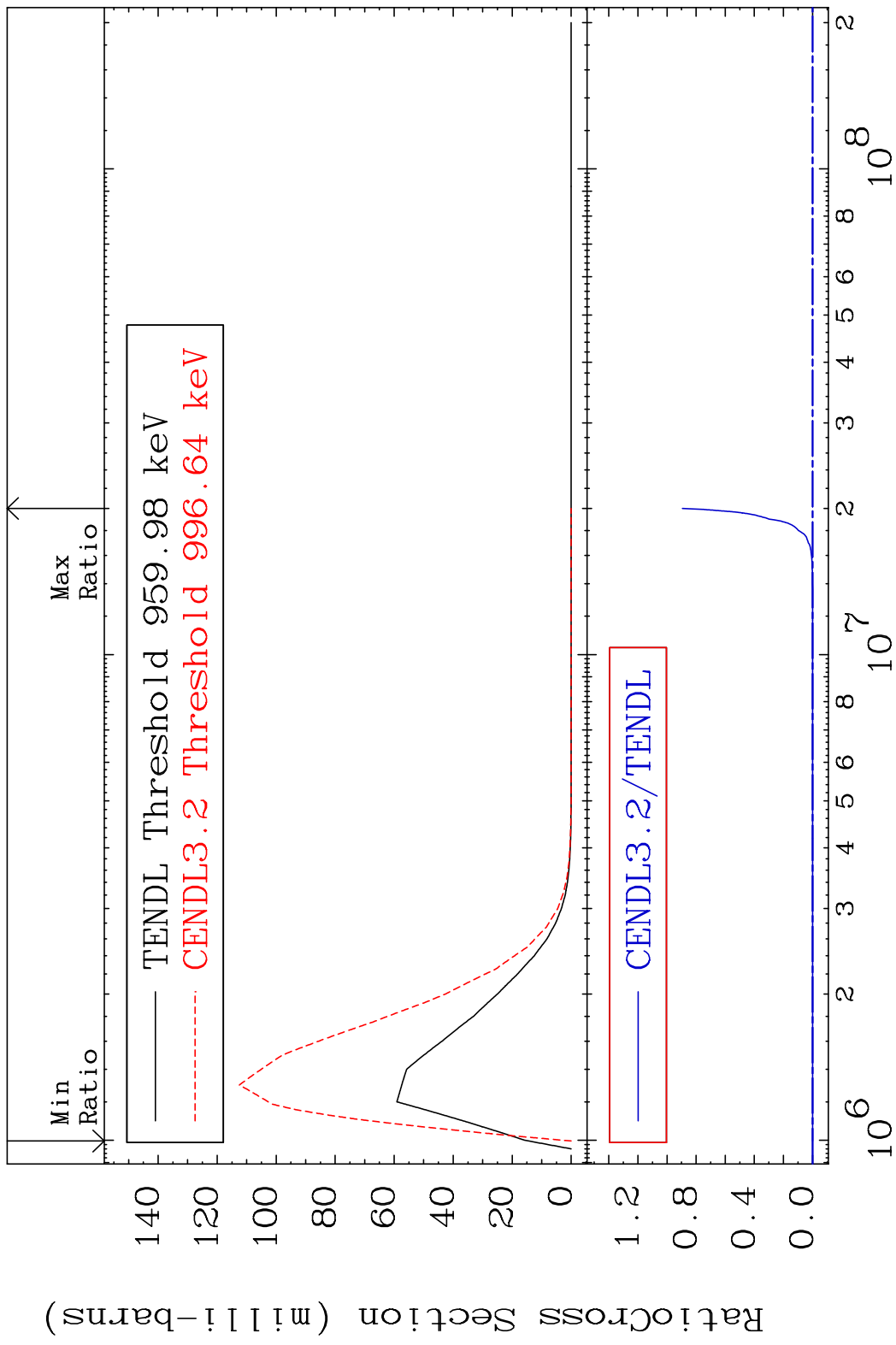
14 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 59 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 898.7 %



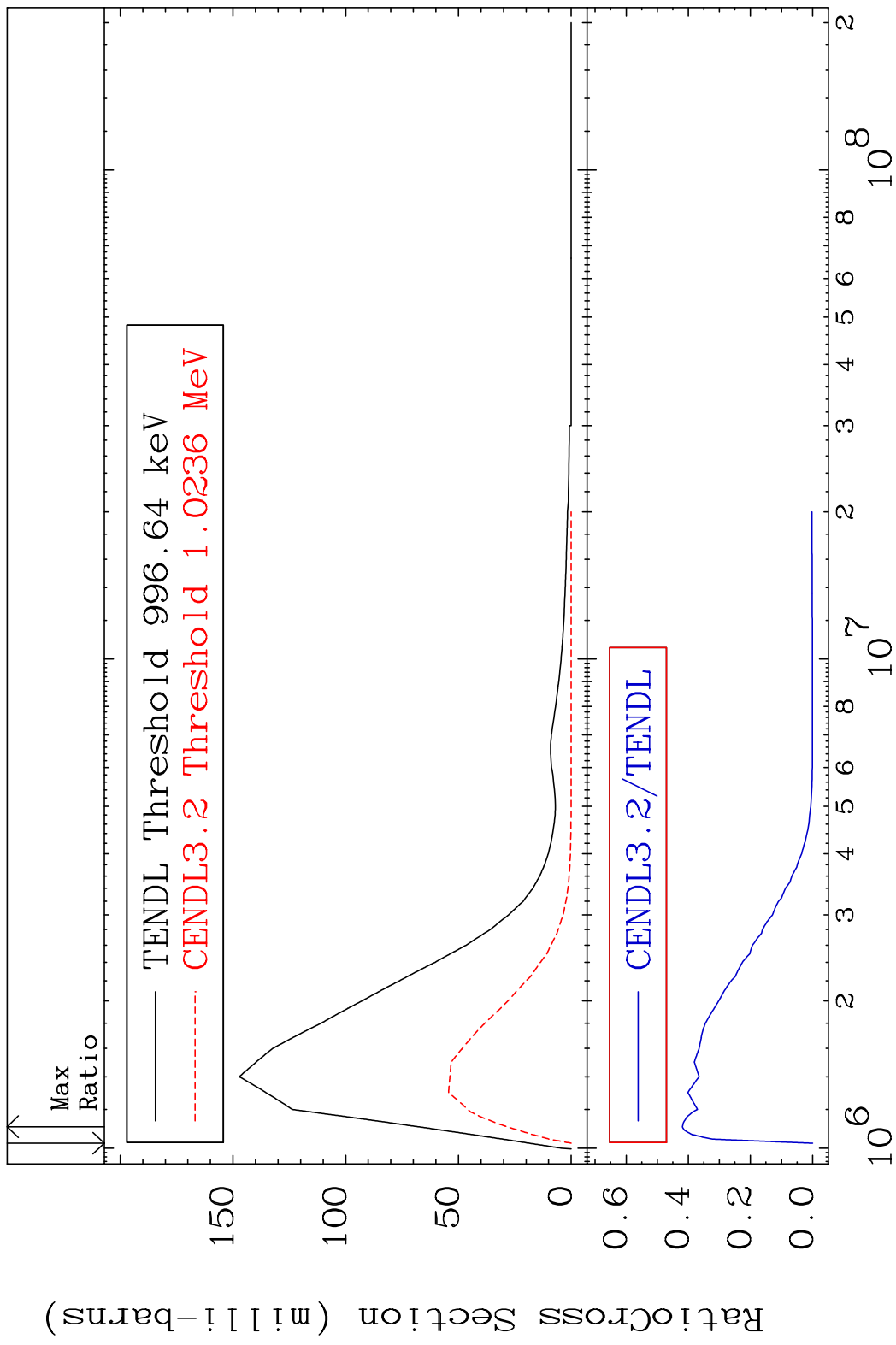
15 Incident Energy (eV) 94-Pu-242

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



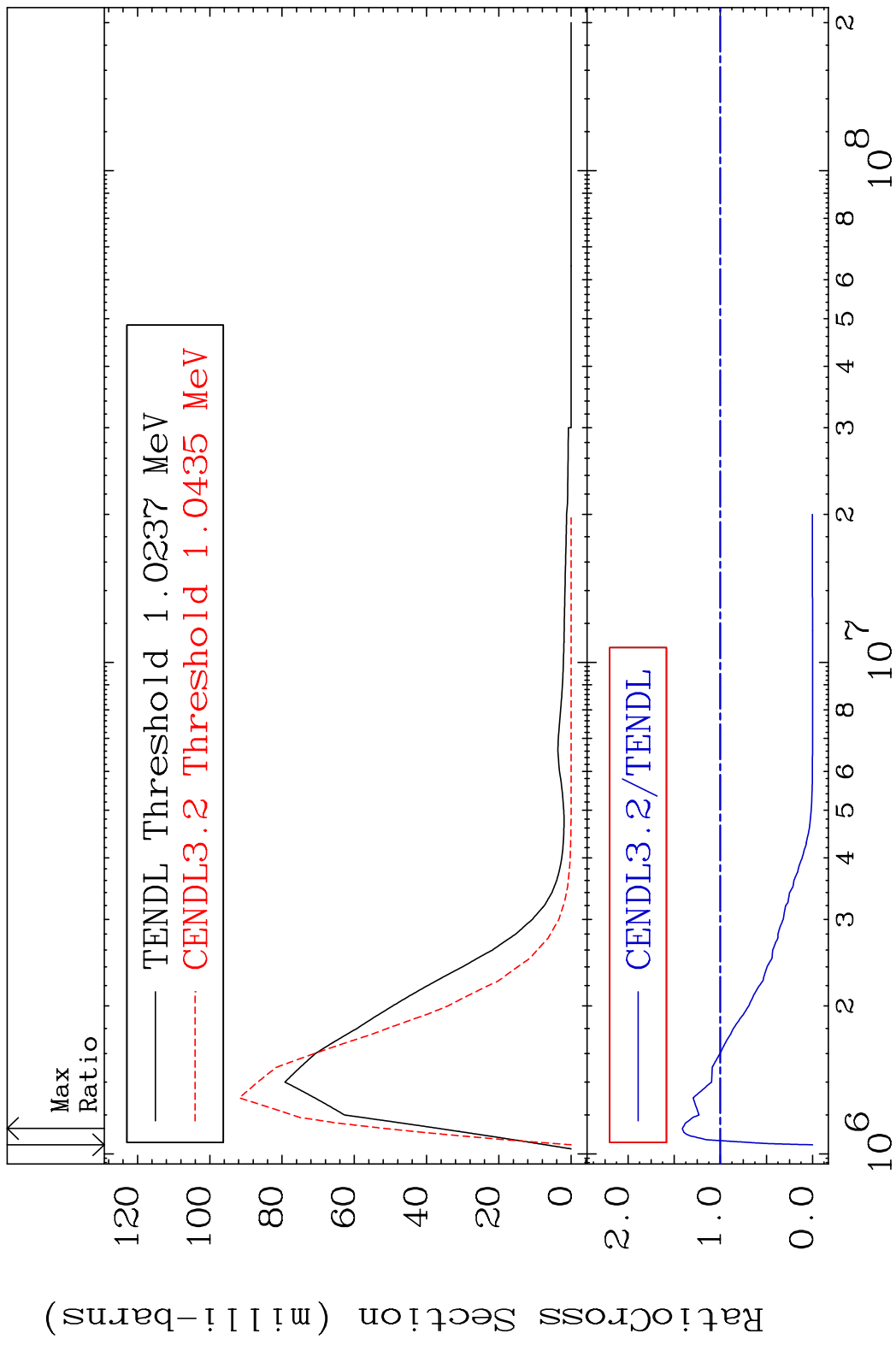
16 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 61 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -58.08%



17 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 62 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 41.15 %



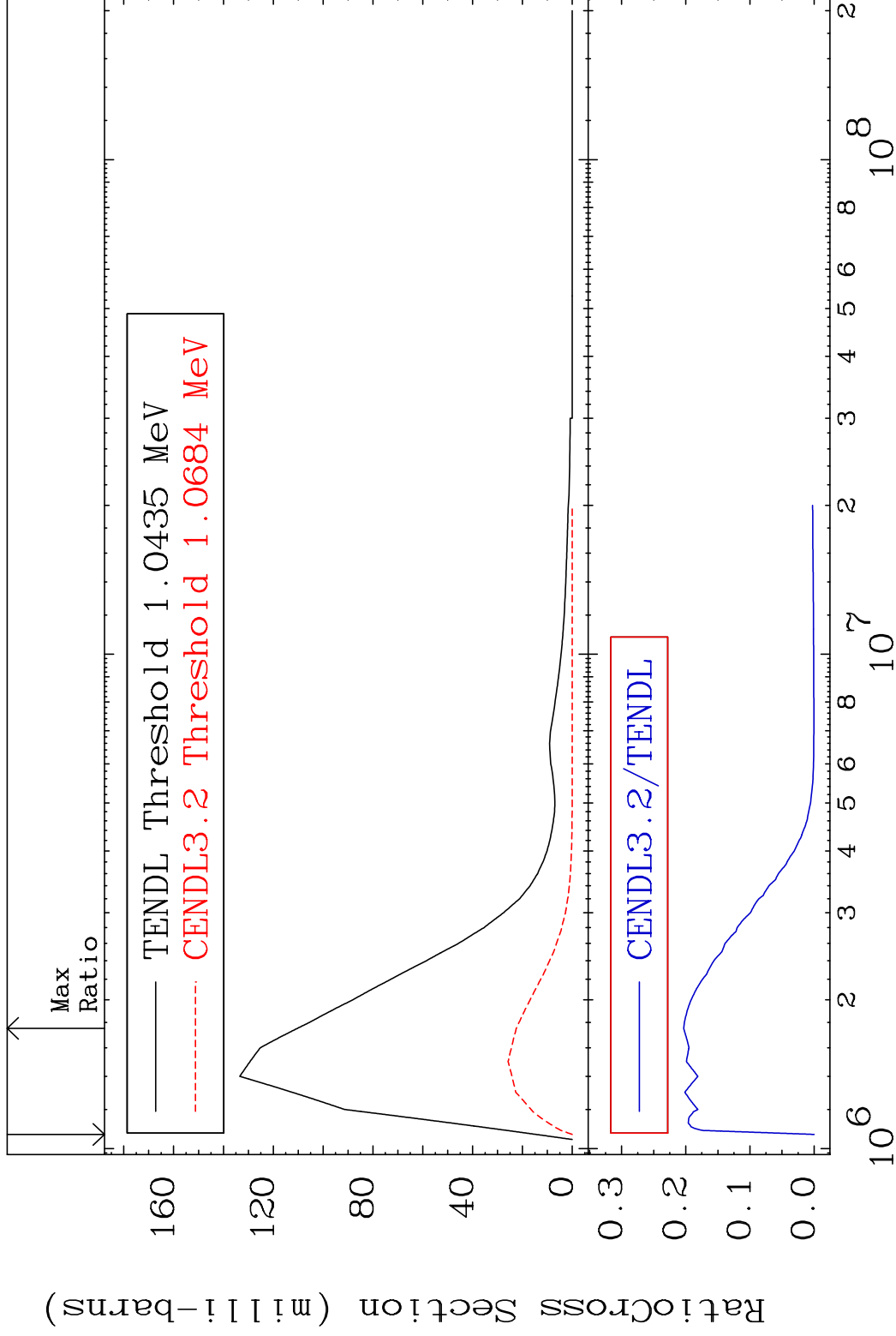
18 Incident Energy (eV) 94-Pu-242

MAT 9446

MT= 63 (n, n') Level

94-Pu-242

Cross Section -100.0 To -79.67%

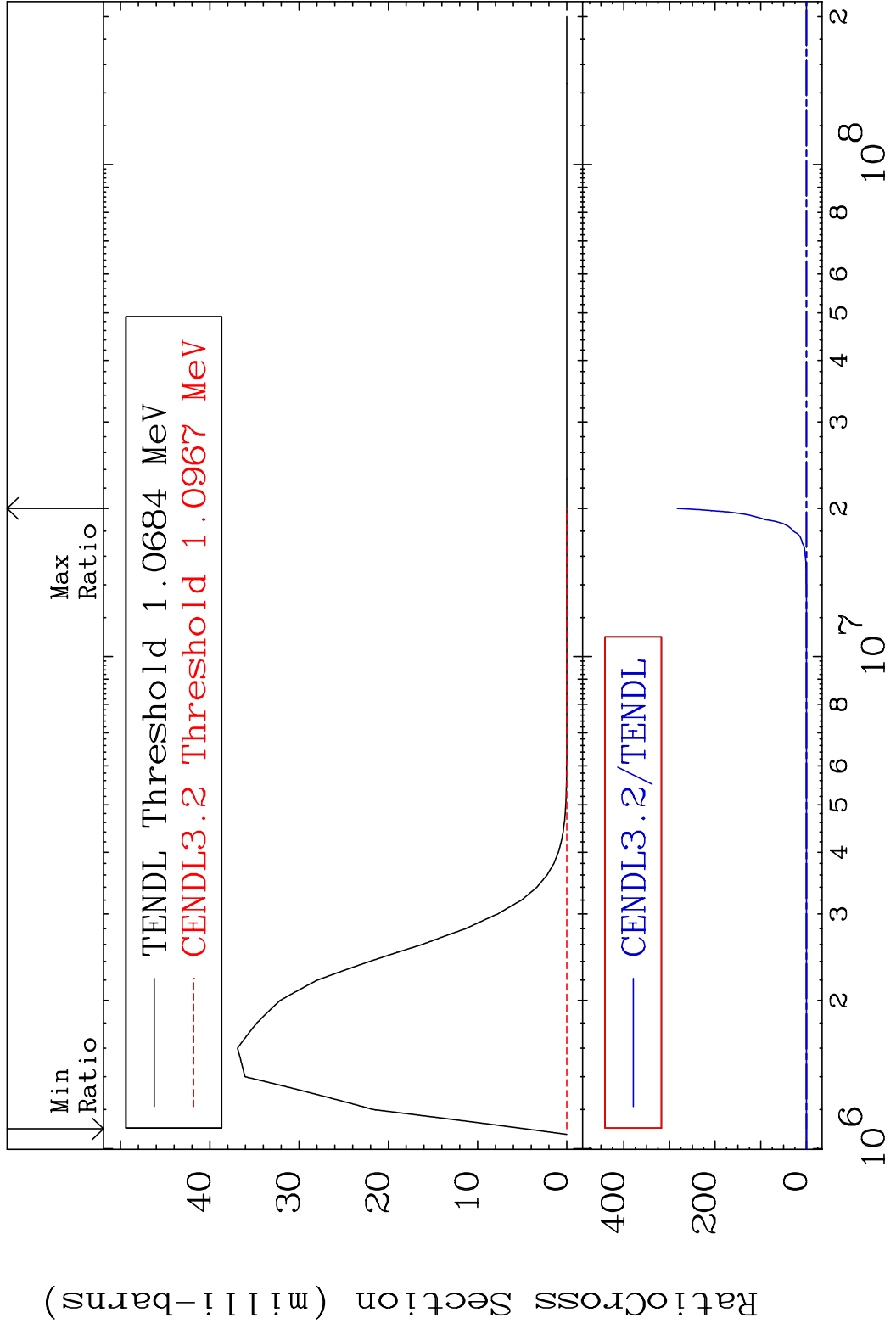


19

Incident Energy (eV)

94-Pu-242

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



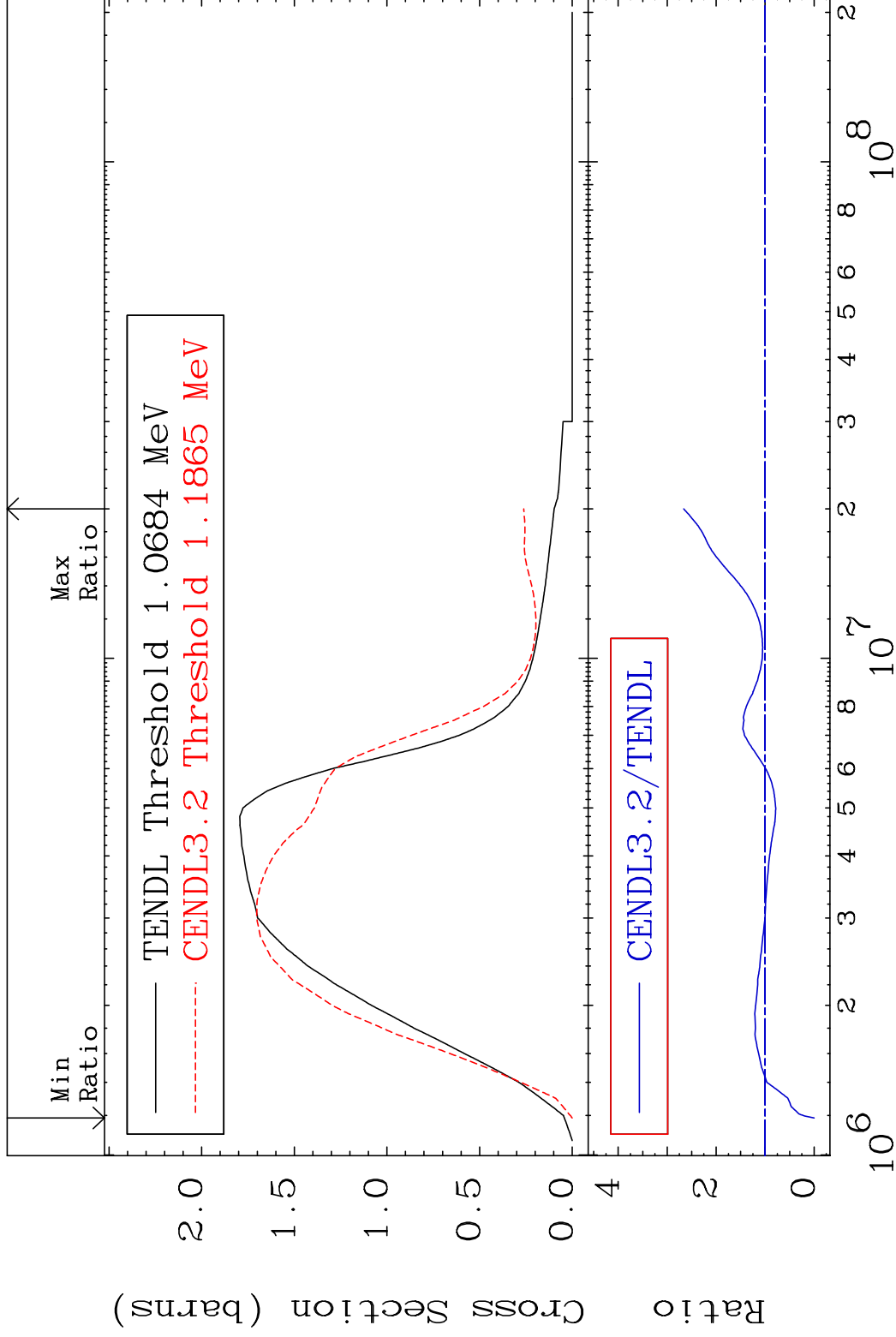
20 Incident Energy (eV) 94-Pu-242

MAT 9446

(n,n') Continuum

94-Pu-242

Cross Section -100.0 To 166.4 %



21

Incident Energy (eV)

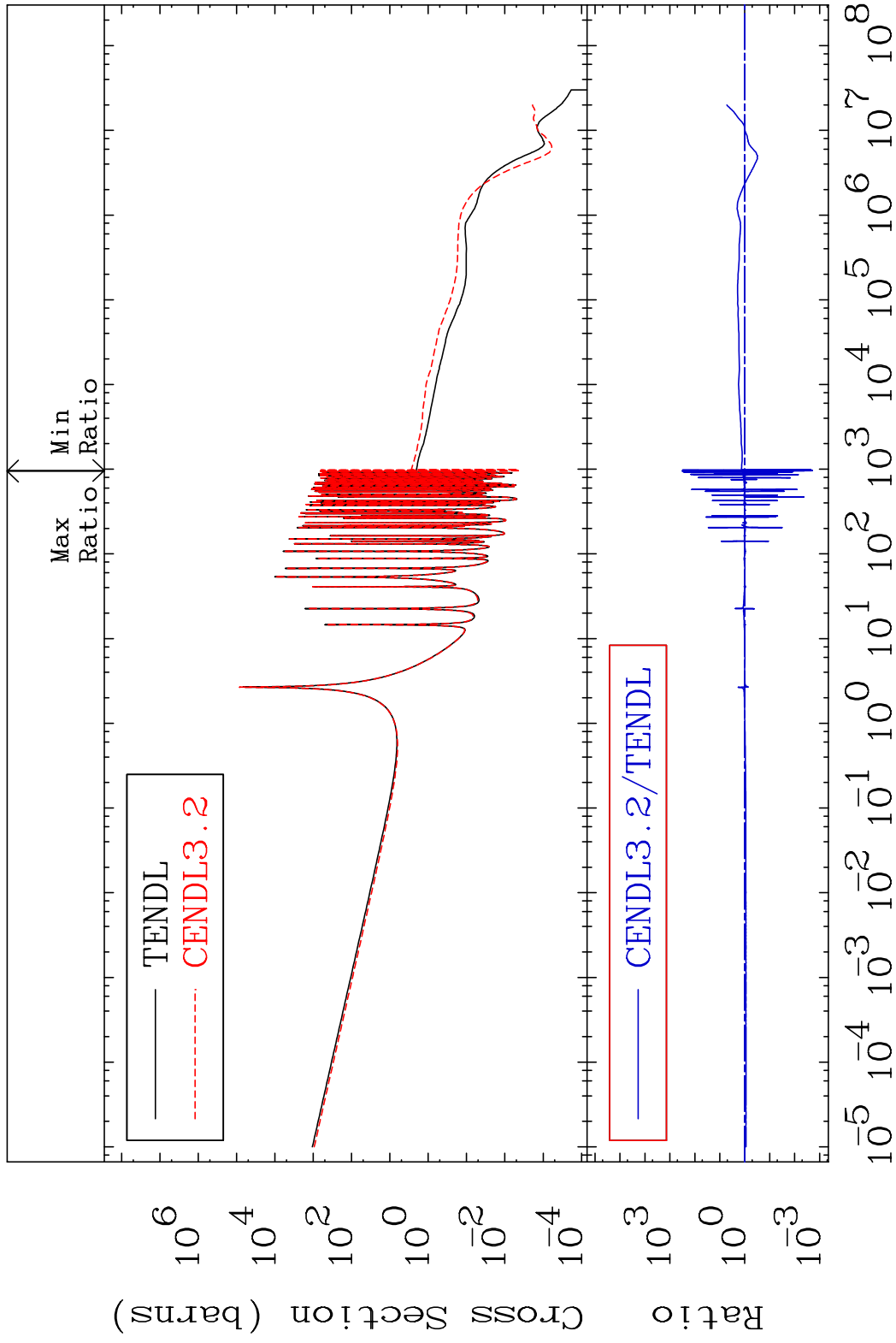
94-Pu-242

MAT 9446

(n,  $\gamma$ )

94-Pu-242

Cross Section -99.81 To 9999. %

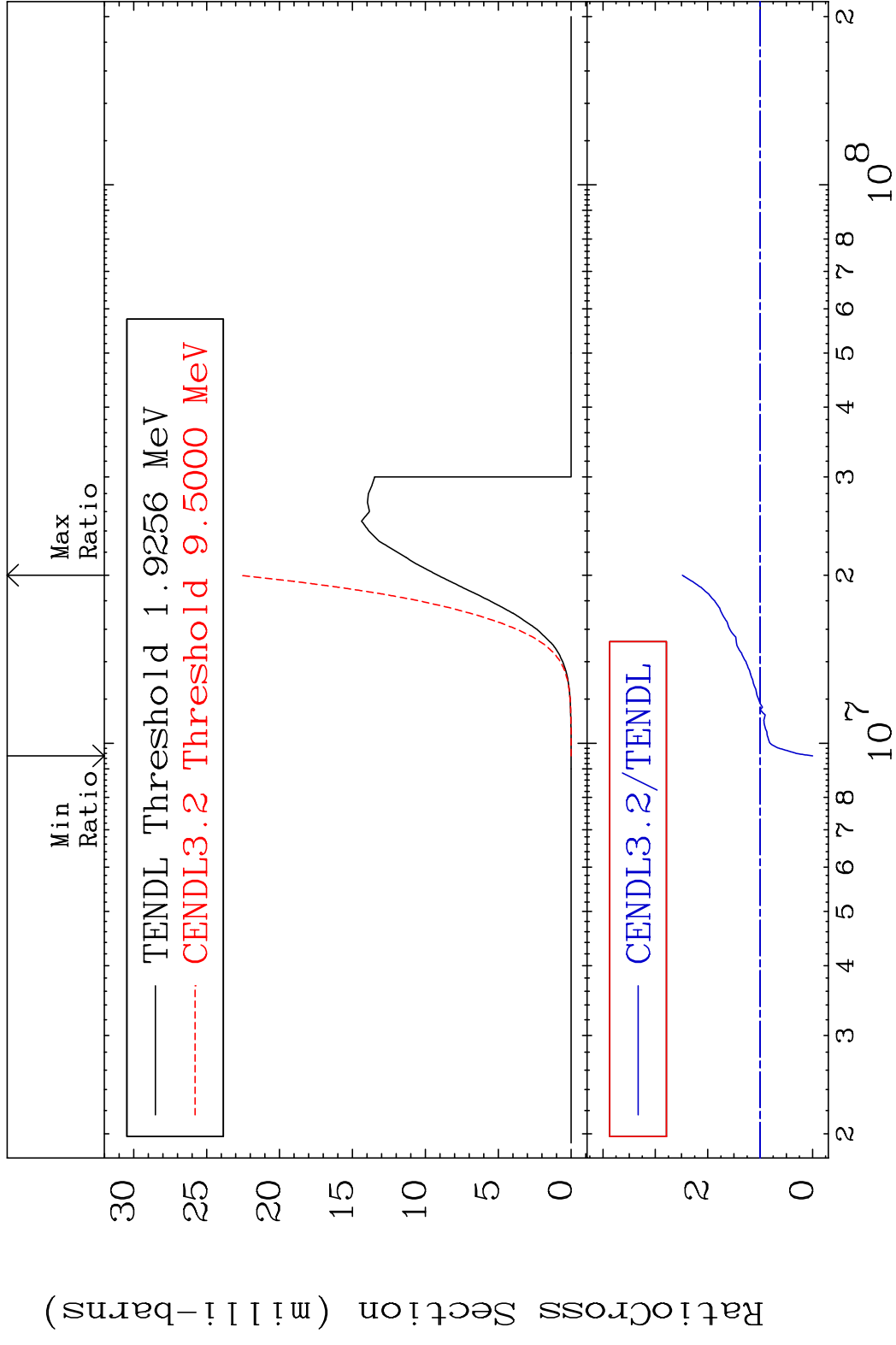


22

Incident Energy (eV)

94-Pu-242

MAT 9446 (n,p) 94-Pu-242  
 Cross Section -100.0 To 148.5 %



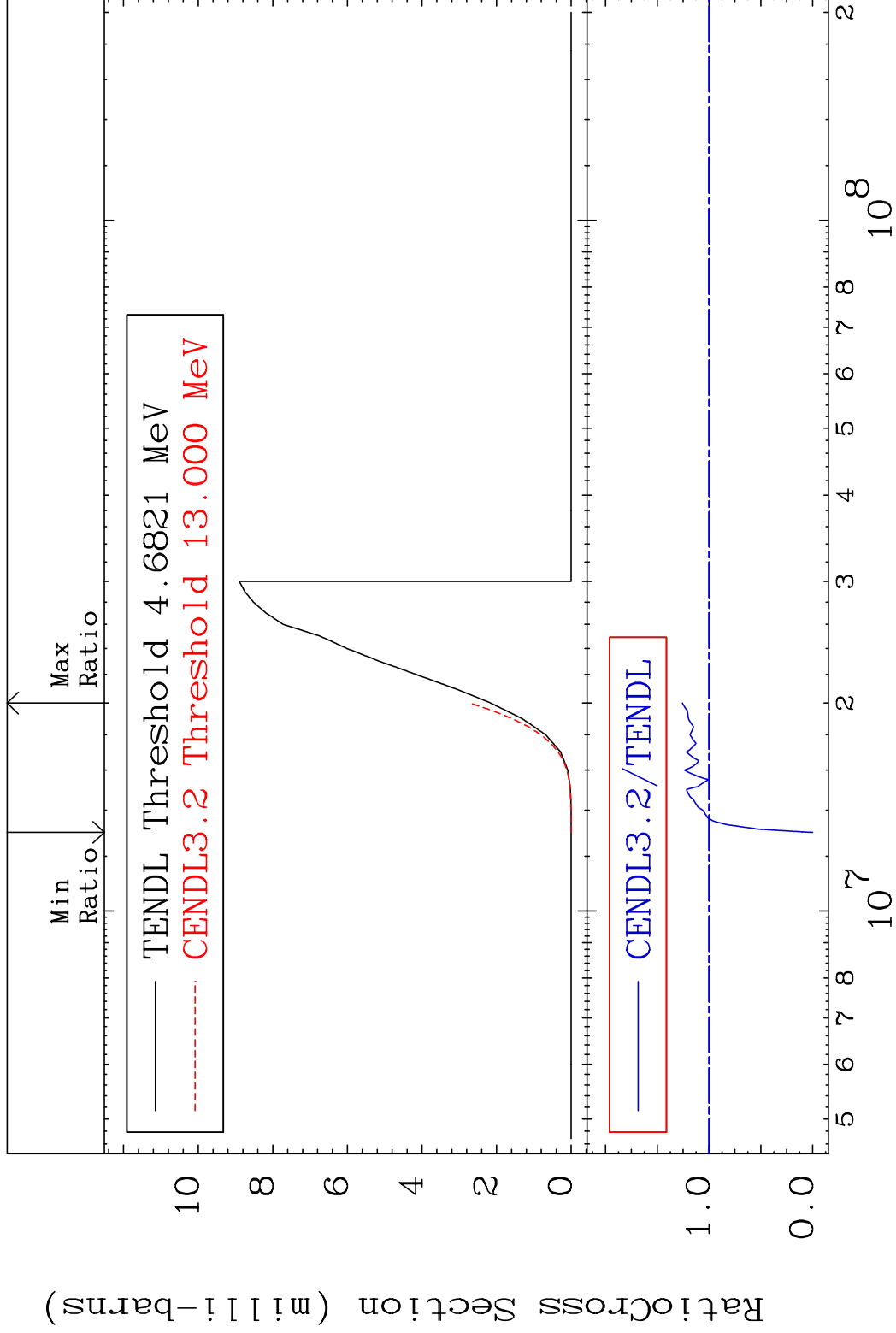
23 Incident Energy (eV) 94-Pu-242

MAT 9446

(n, d)

94-Pu-242

Cross Section -100.0 To 25.77 %



24

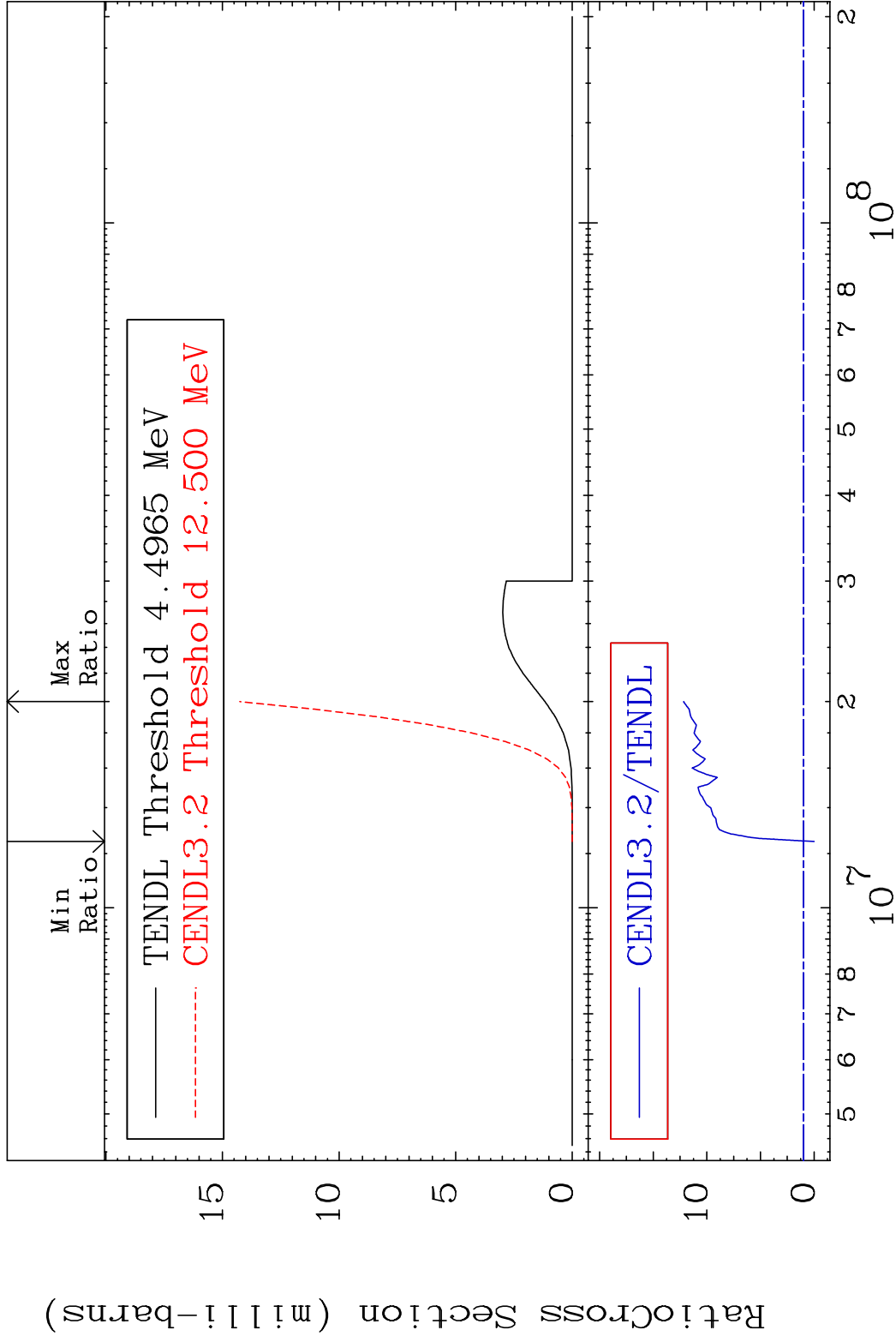
Incident Energy (eV)

94-Pu-242

MAT 9446

(n, t) 94-Pu-242

Cross Section -100.0 To 1116. %



25

Incident Energy (eV)

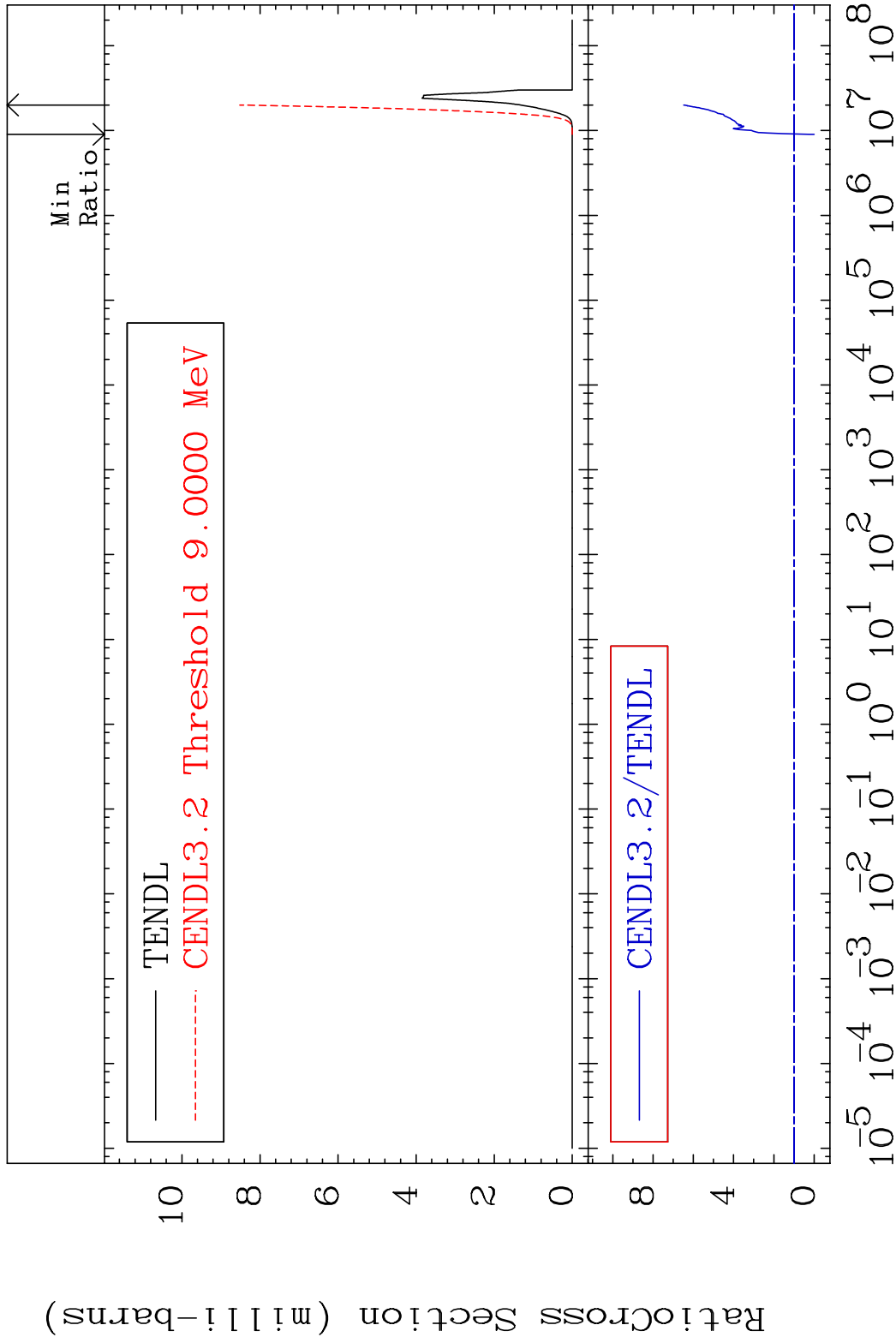
94-Pu-242

MAT 9446

(n,  $\alpha$ )

94-Pu-242

Cross Section -100.0 To 547.9 %



26

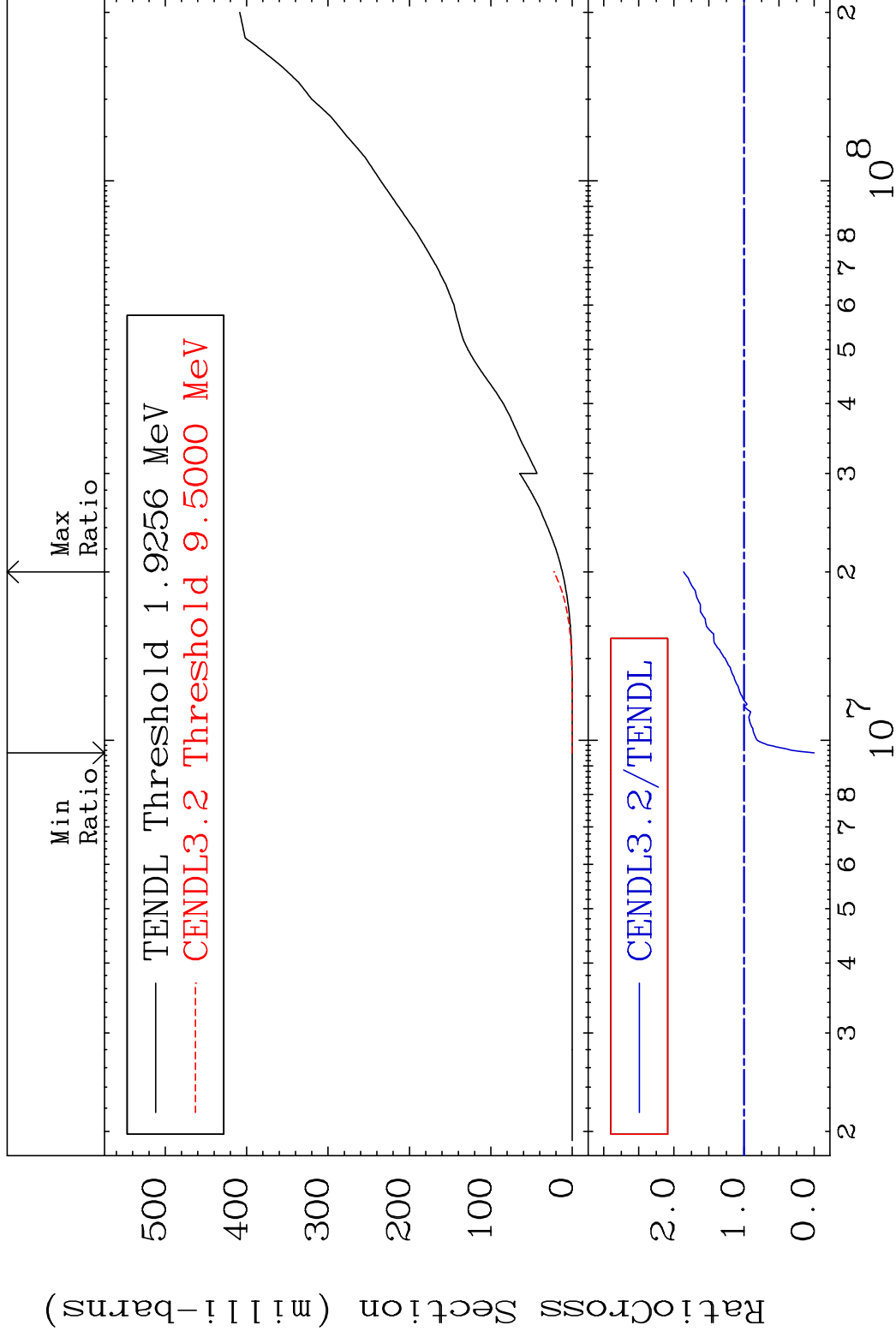
Incident Energy (eV)

94-Pu-242

MAT 9446

Hydrogen Production  
Cross Section -100.0 To 85.98 %

94-Pu-242



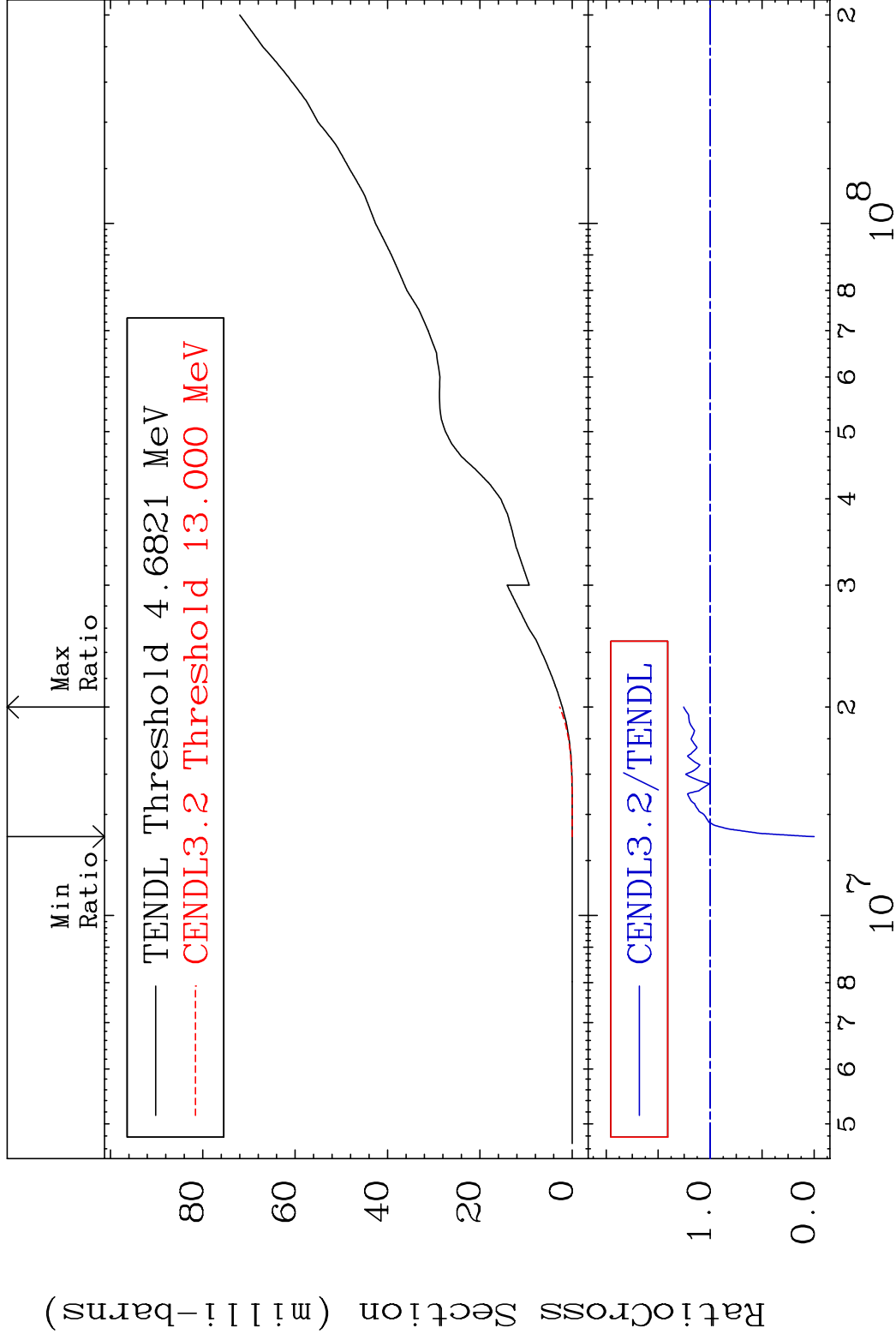
27

Incident Energy (eV)

94-Pu-242

MAT 9446

Deuterium Production 94-Pu-242  
Cross Section -100.0 To 25.50 %

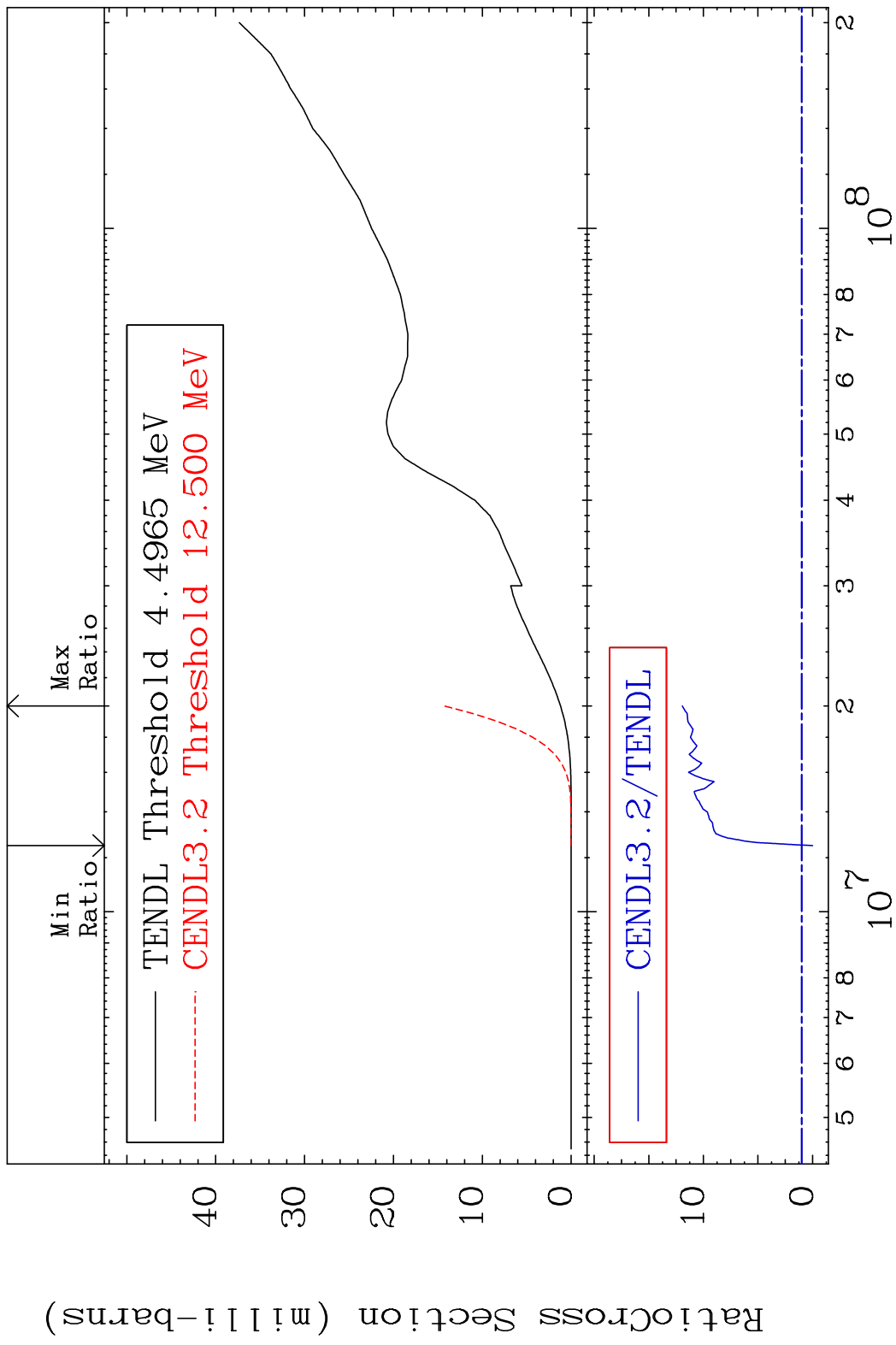


28

Incident Energy (eV)

94-Pu-242

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



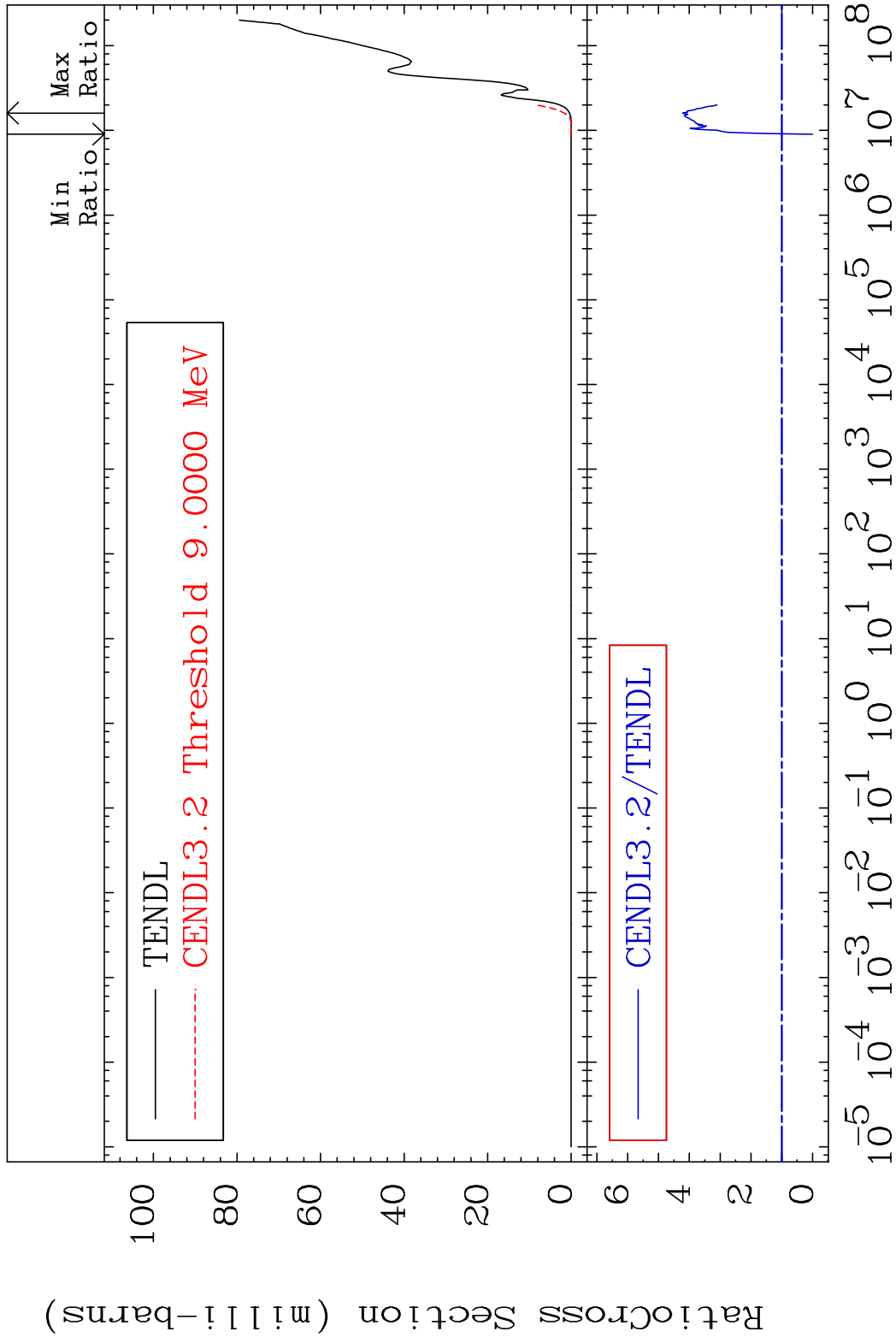
29 Incident Energy (eV) 94-Pu-242

MAT 9446

He-4 Production

94-Pu-242

Cross Section -100.0 To 322.7 %

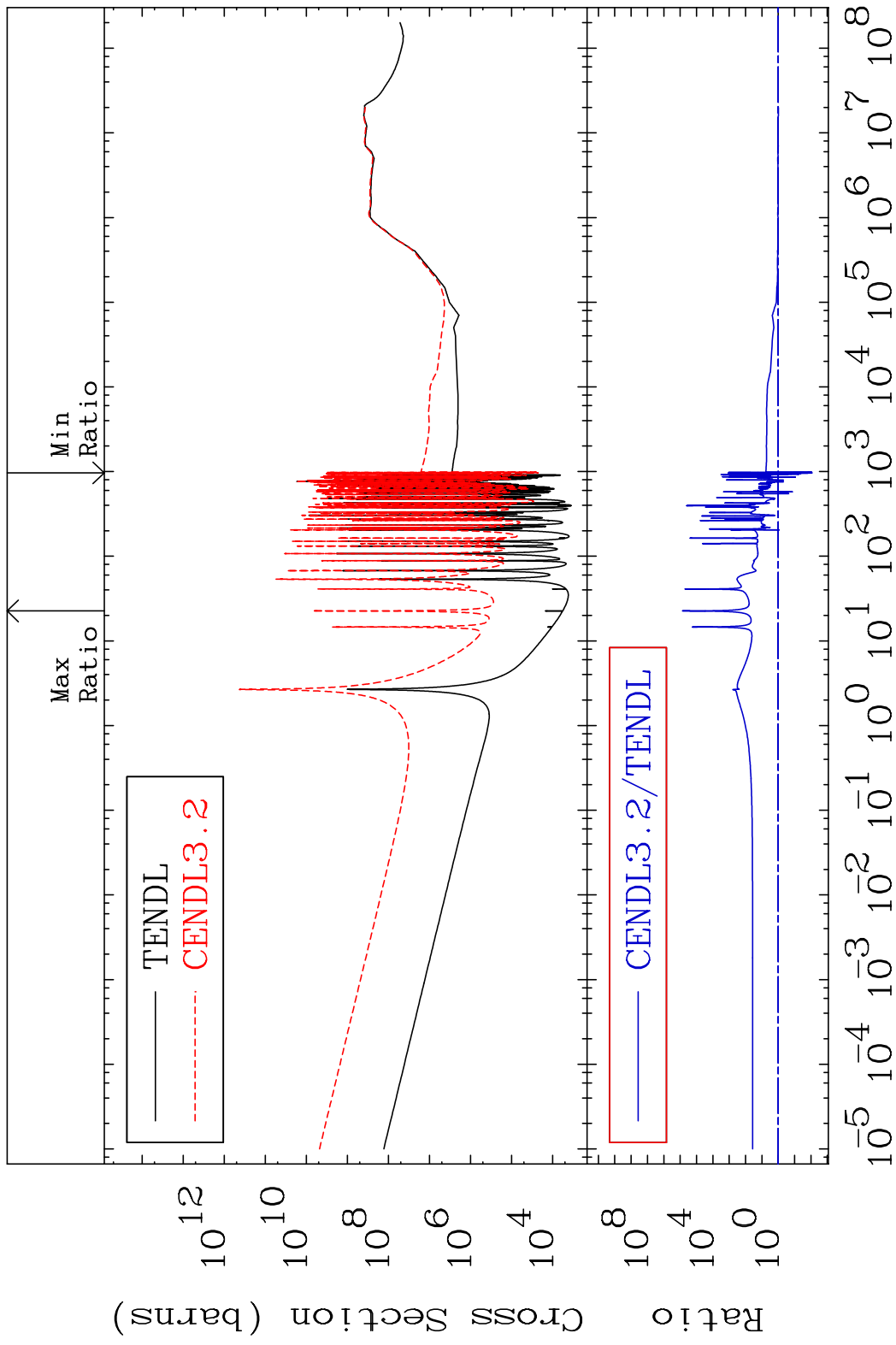


30

Incident Energy (eV)

94-Pu-242

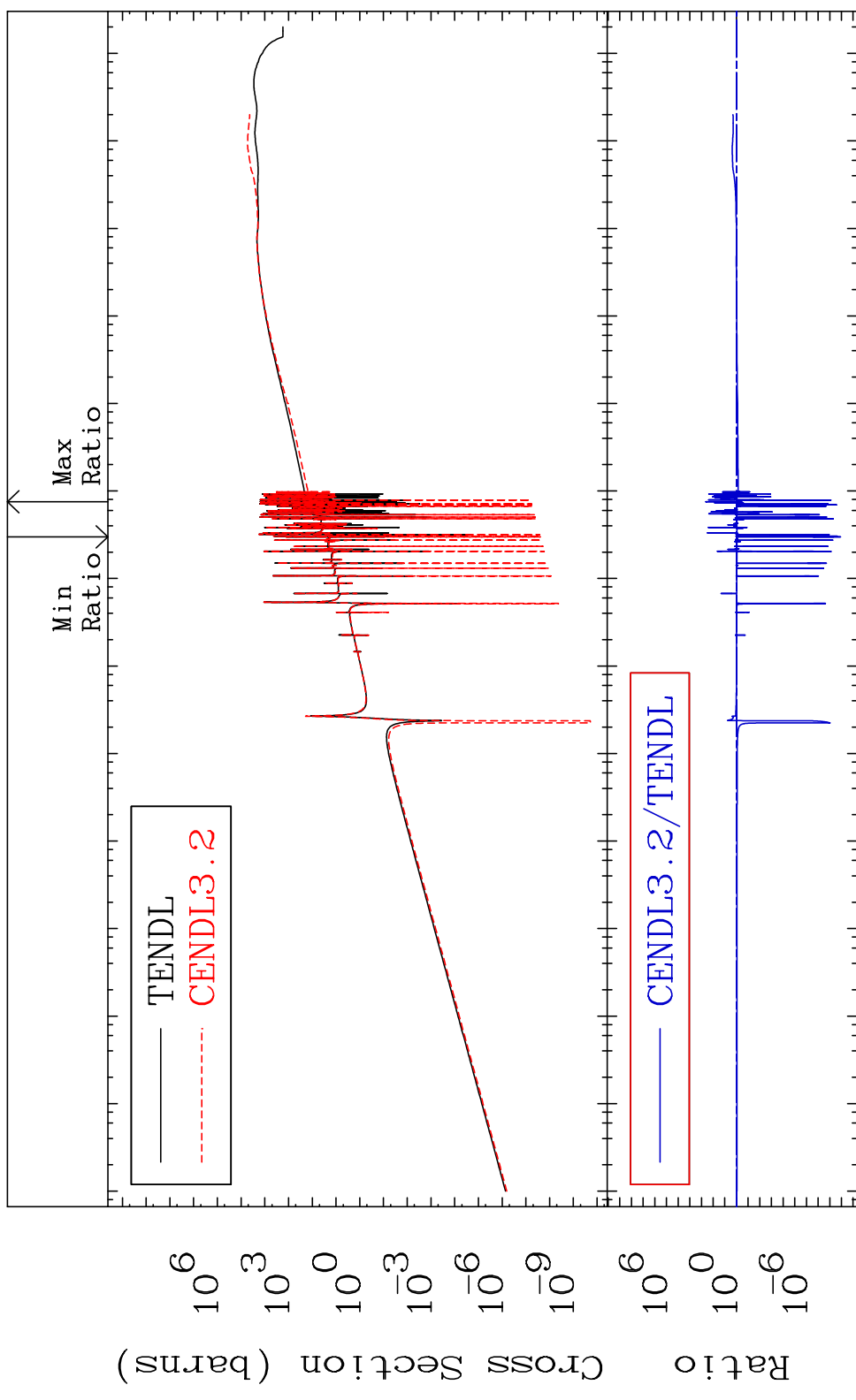
MAT 9446 Kerma total (eV-barns) 94-Pu-242  
 Cross Section -99.20 To 9999. %



MAT 9446

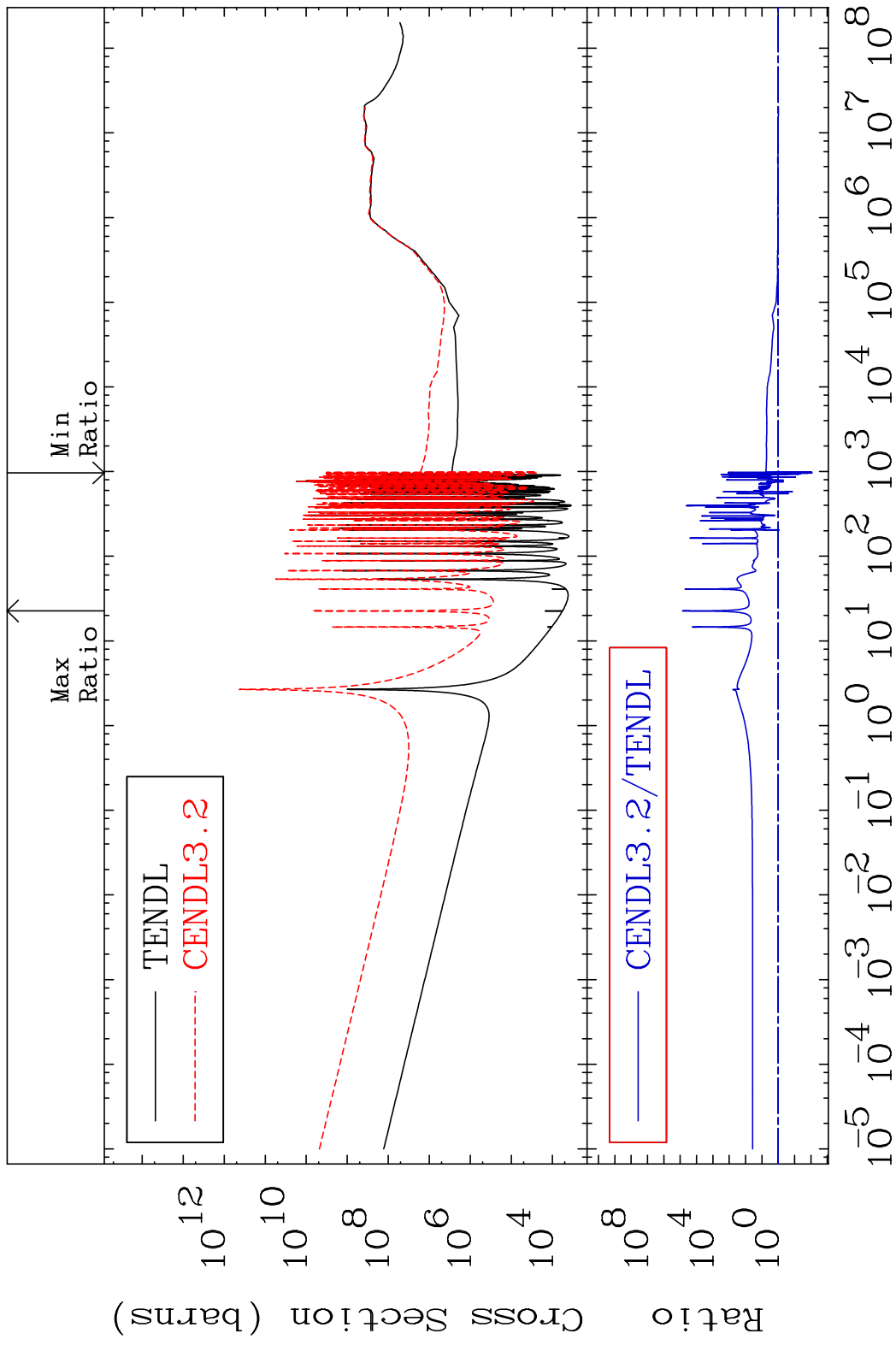
Kerma elastic  
Cross Section -100.0 To 9999. %

94-Pu-242

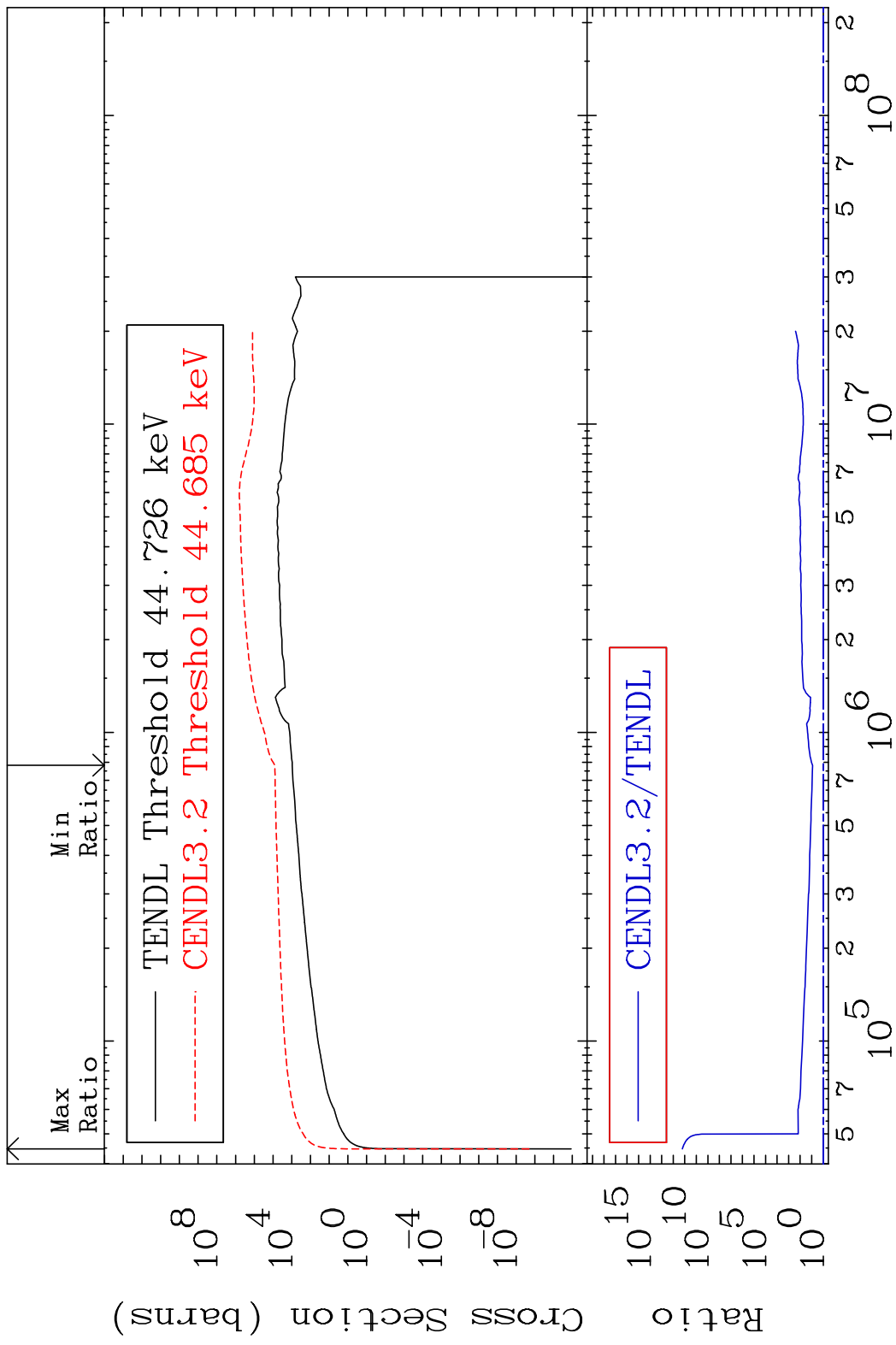


Incident Energy (eV) 94-Pu-242

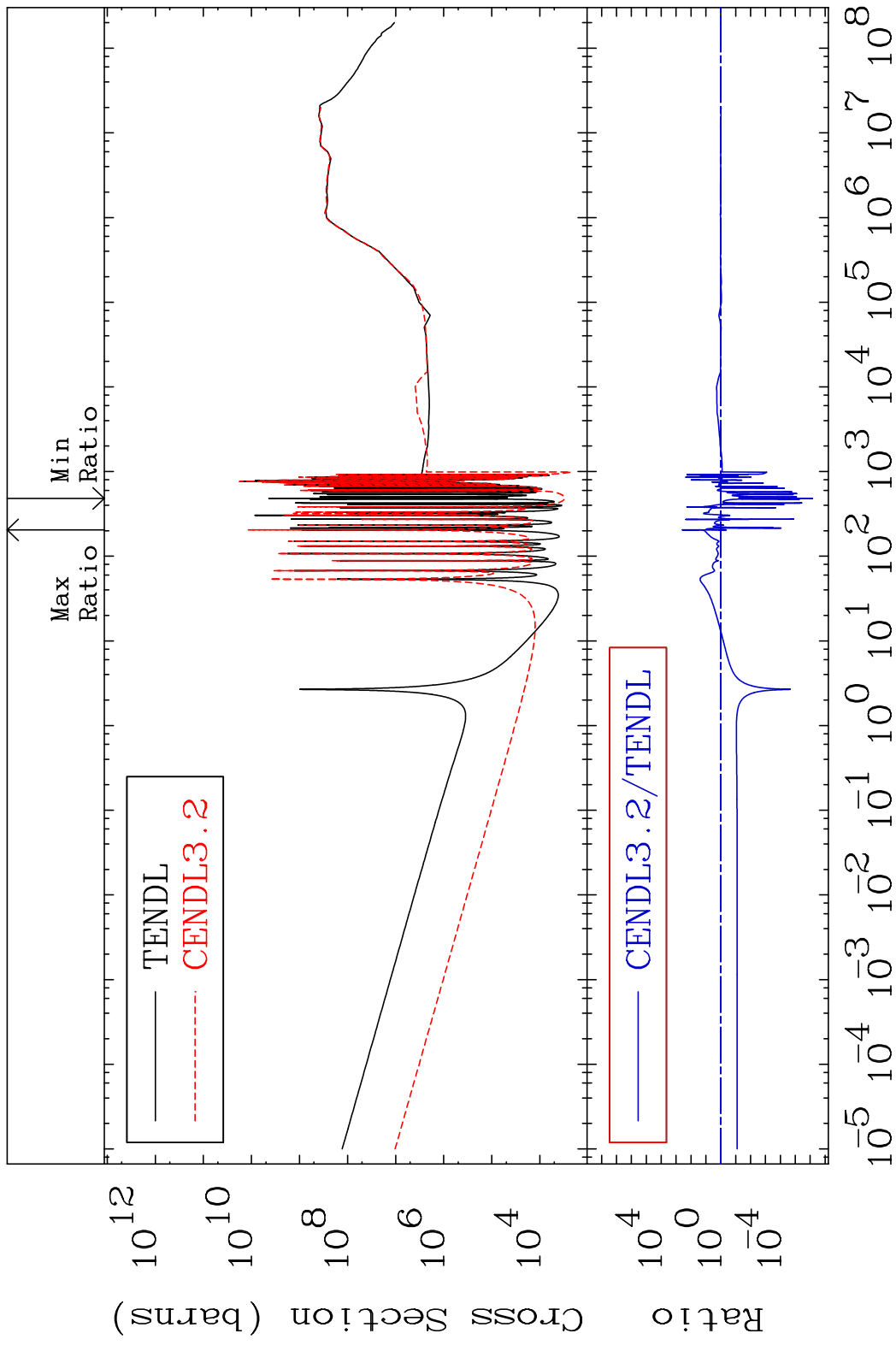
MAT 9446 Kerma non-elastic (all but mt2) 94-Pu-242  
 Cross Section -99.21 To 9999. %



MAT 9446 Kerma inelastic (mt51-91) 94-Pu-242  
 Cross Section 745.6 To 9999. %

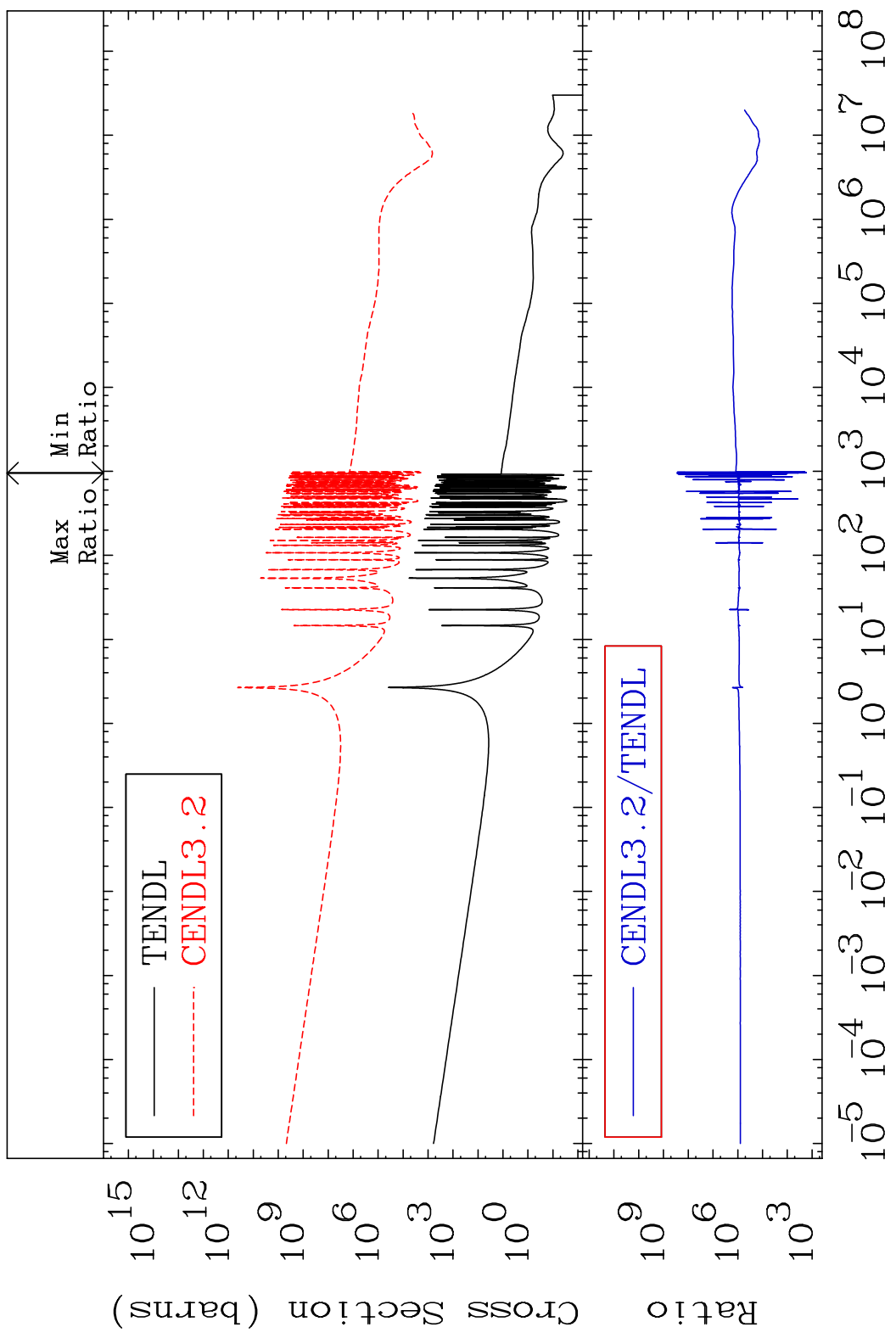


MAT 9446 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-242  
 Cross Section -100.0 To 9999. %

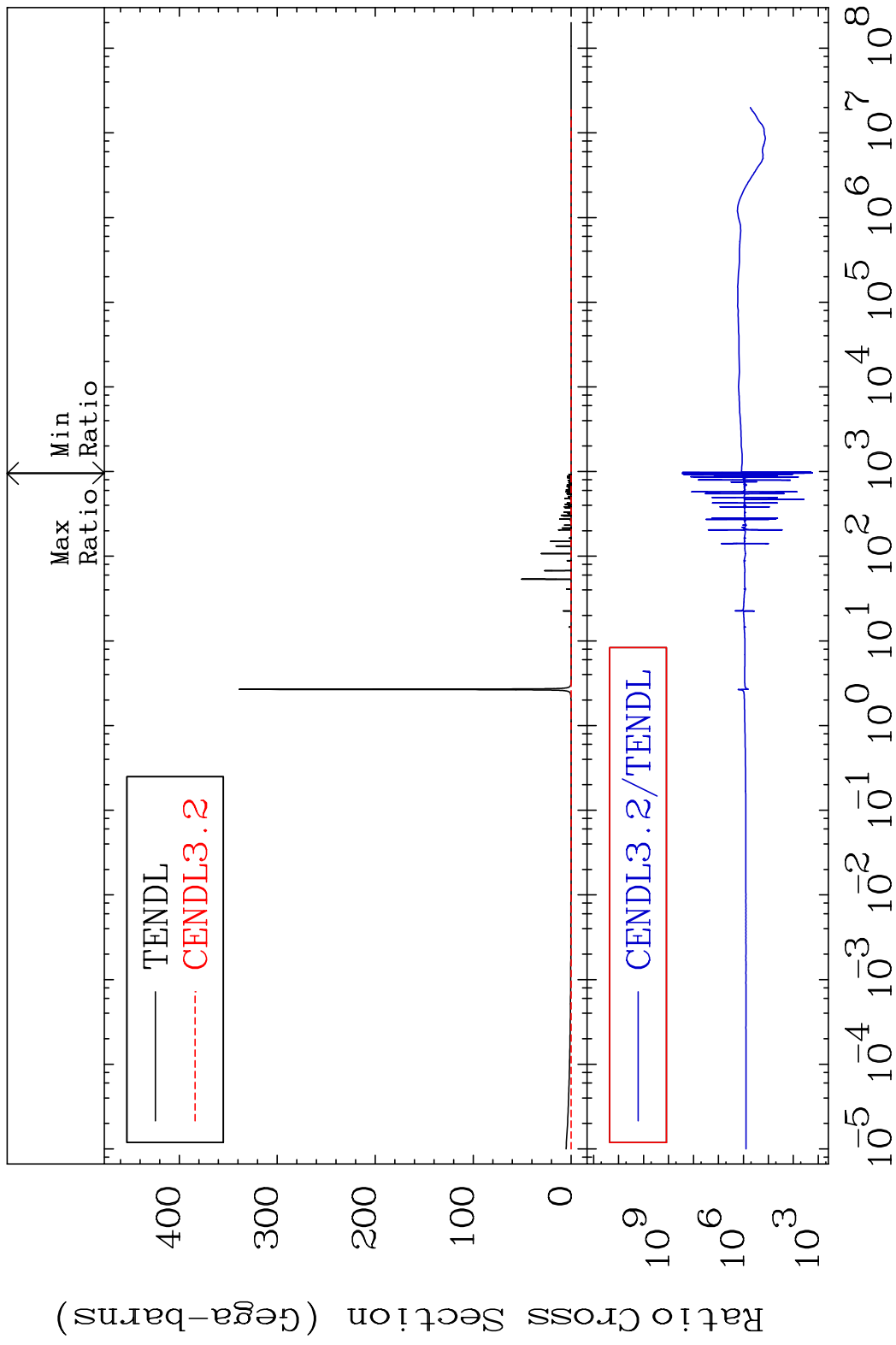


MAT 9446

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

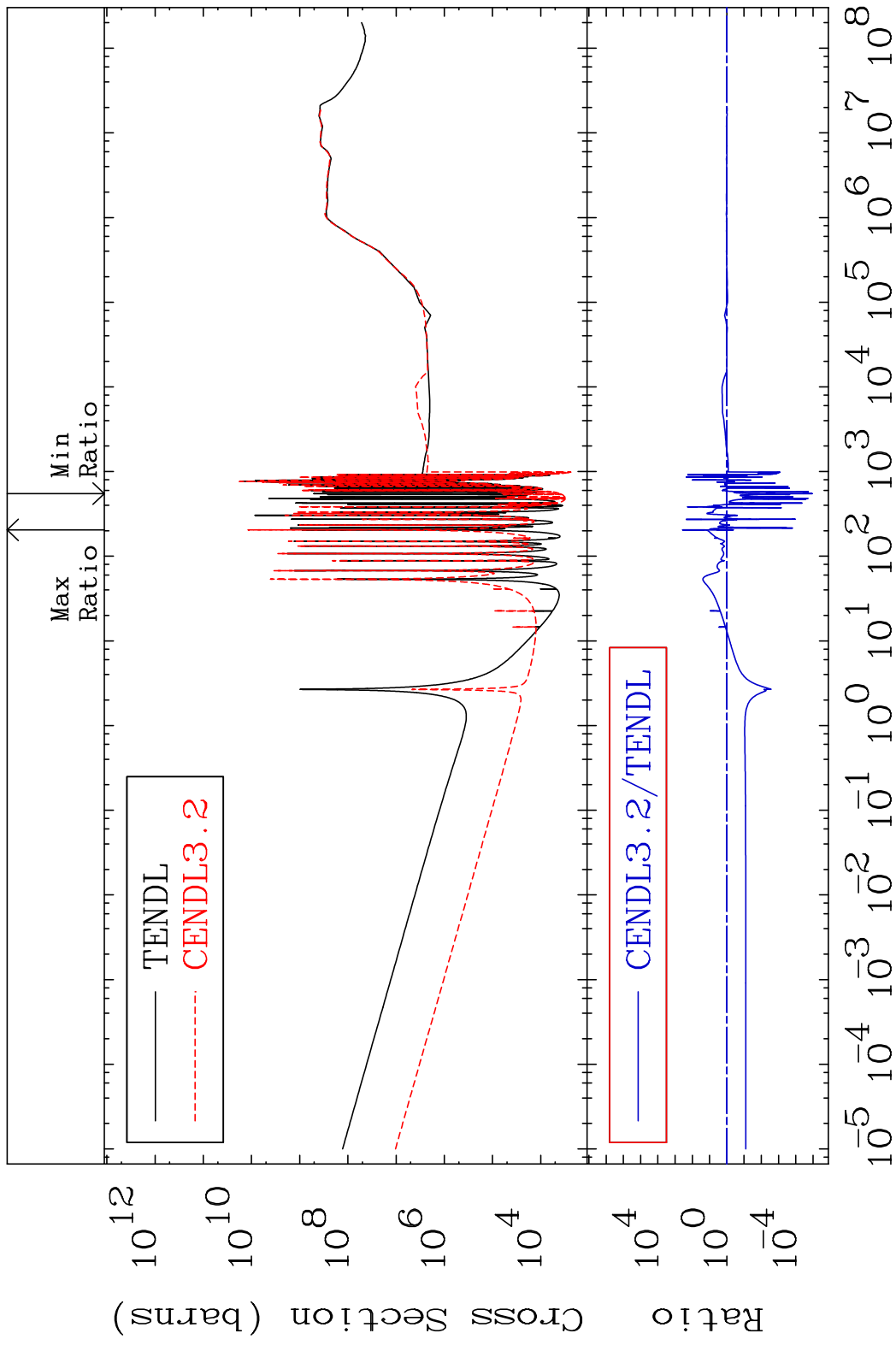


MAT 9446 Total photon (eV-barns) 94-Pu-242  
 Cross Section 9999. To 9999. %

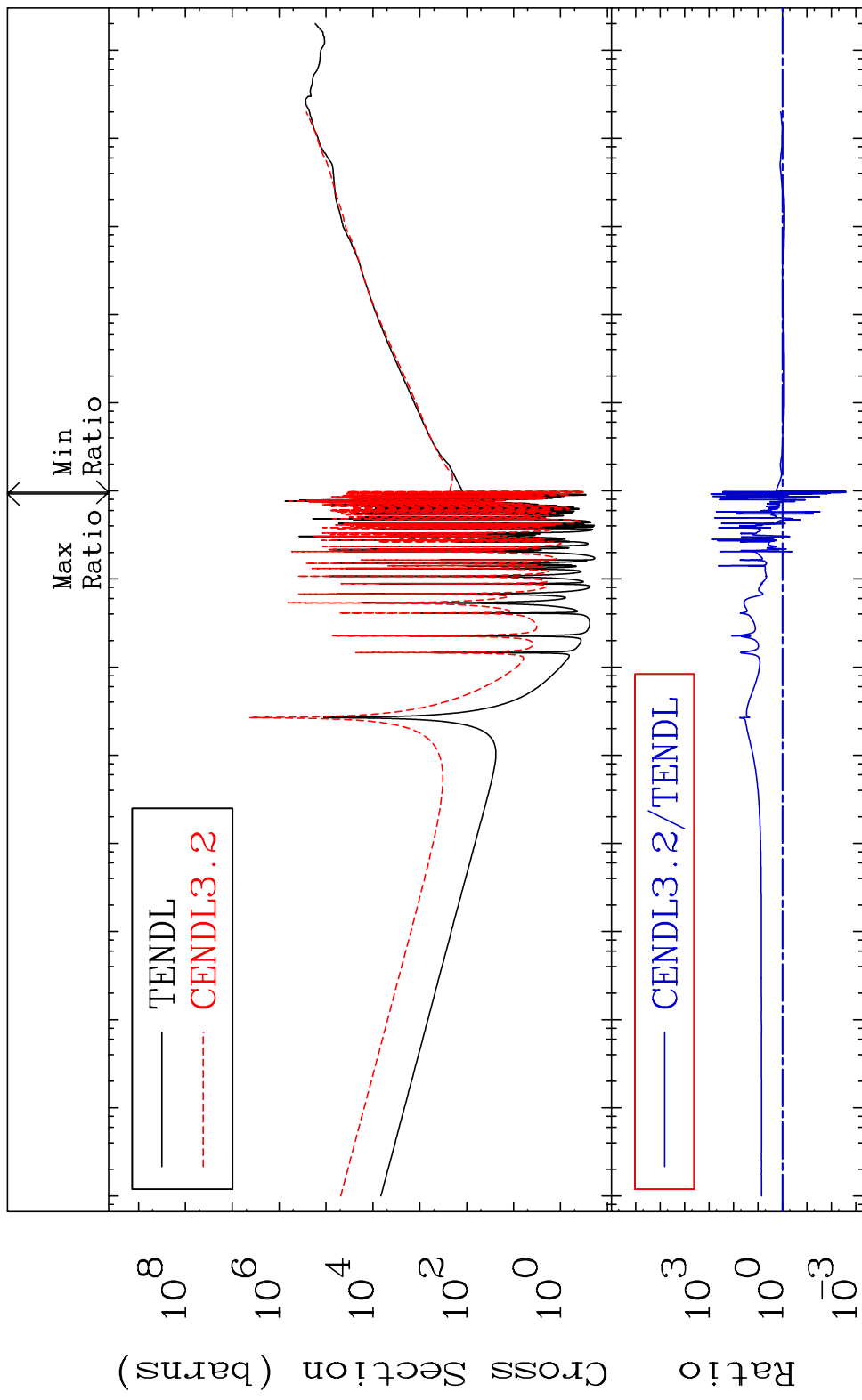


37 Incident Energy (eV) 94-Pu-242

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. %



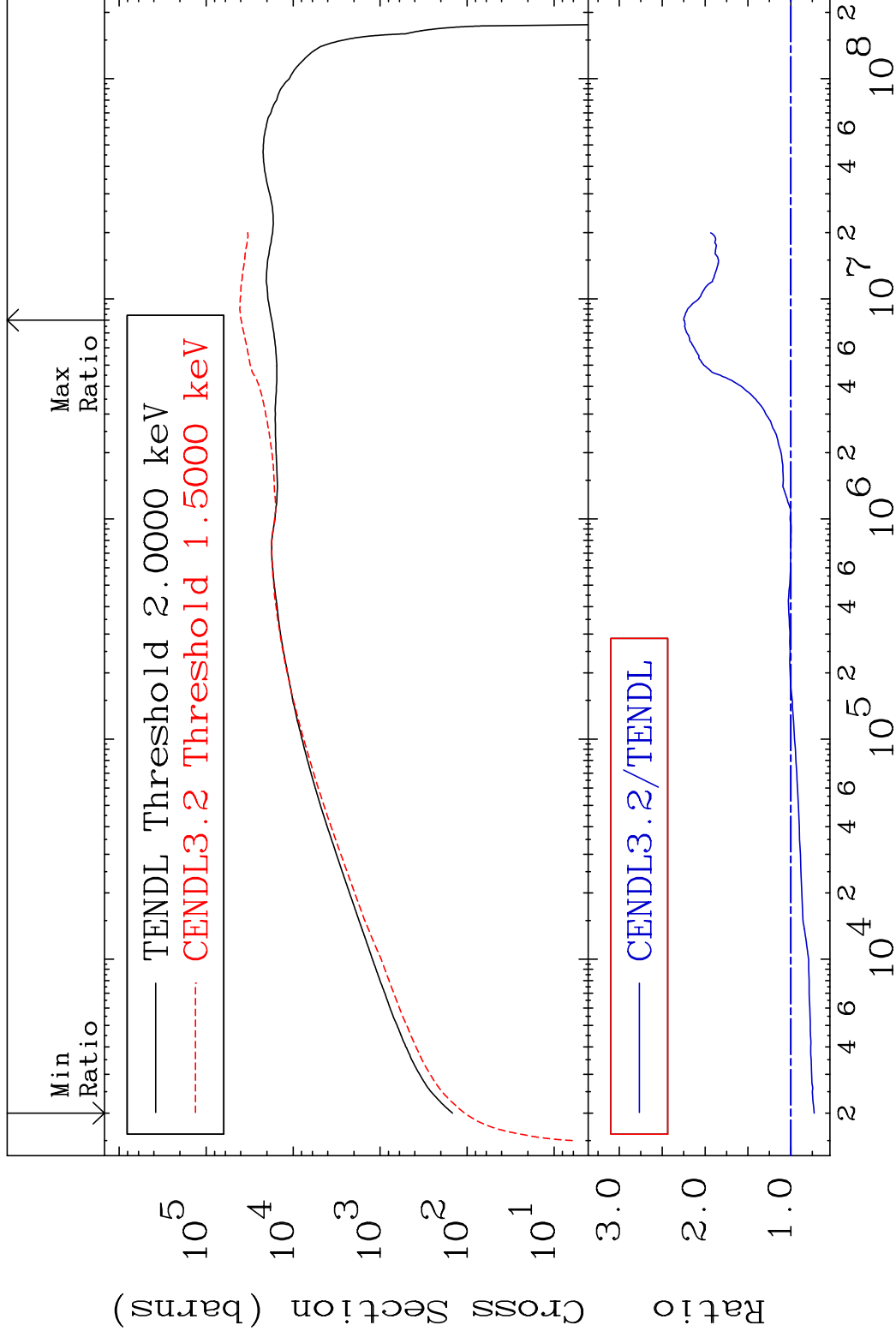
39      Incident Energy (eV)      94-Pu-242

MAT 9446

Dpa elastic (mt2)

94-Pu-242

Cross Section -27.11 To 125.0 %

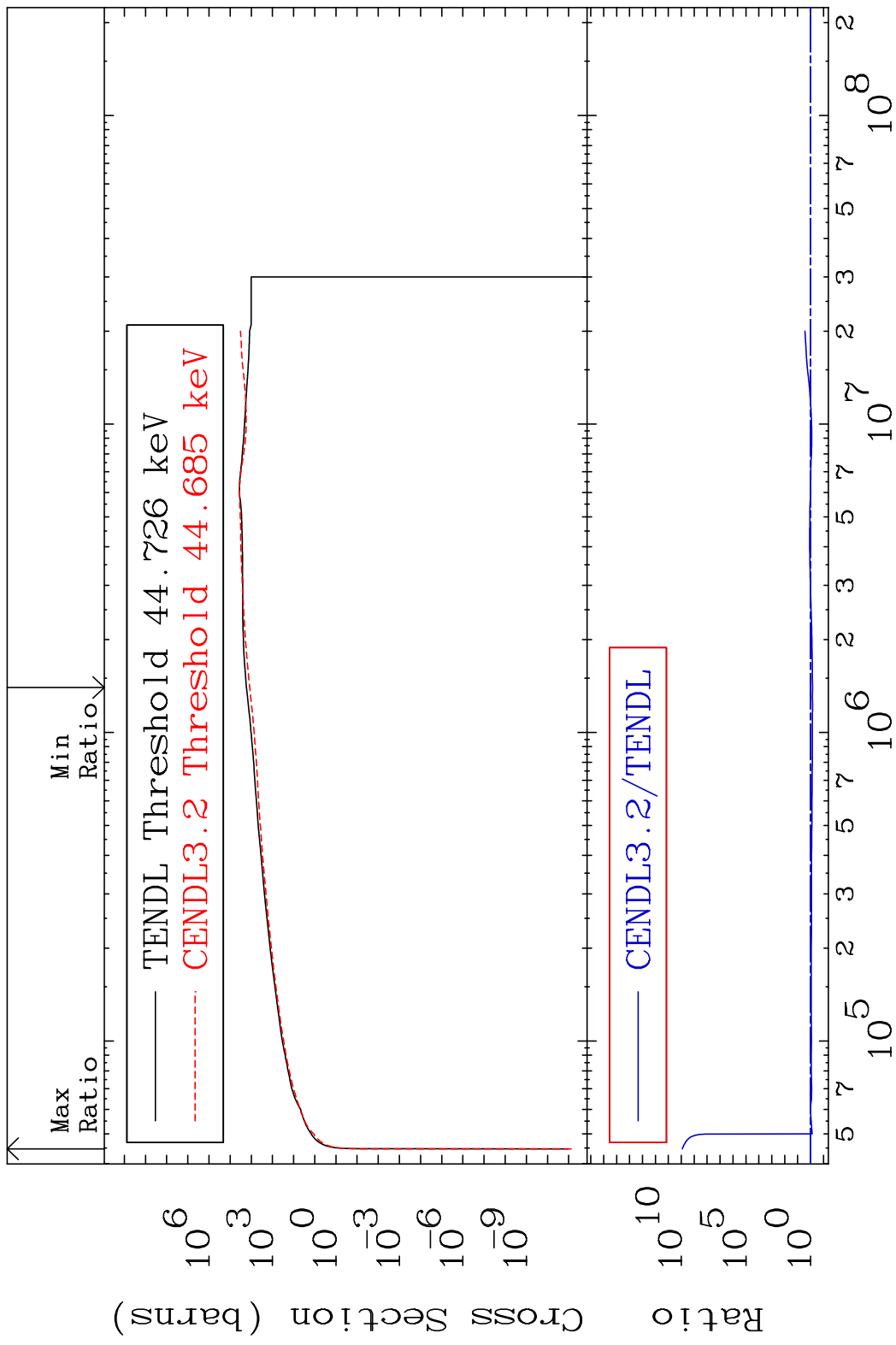


40

Incident Energy (eV)

94-Pu-242

MAT 9446 Dpa inelastic (mt51-91) 94-Pu-242  
 Cross Section -29.76 To 9999. %



MAT 9446 Dpa disappearance (mt102 -120) 94-Pu-242  
 Cross Section -89.77 To 9999. %

