

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

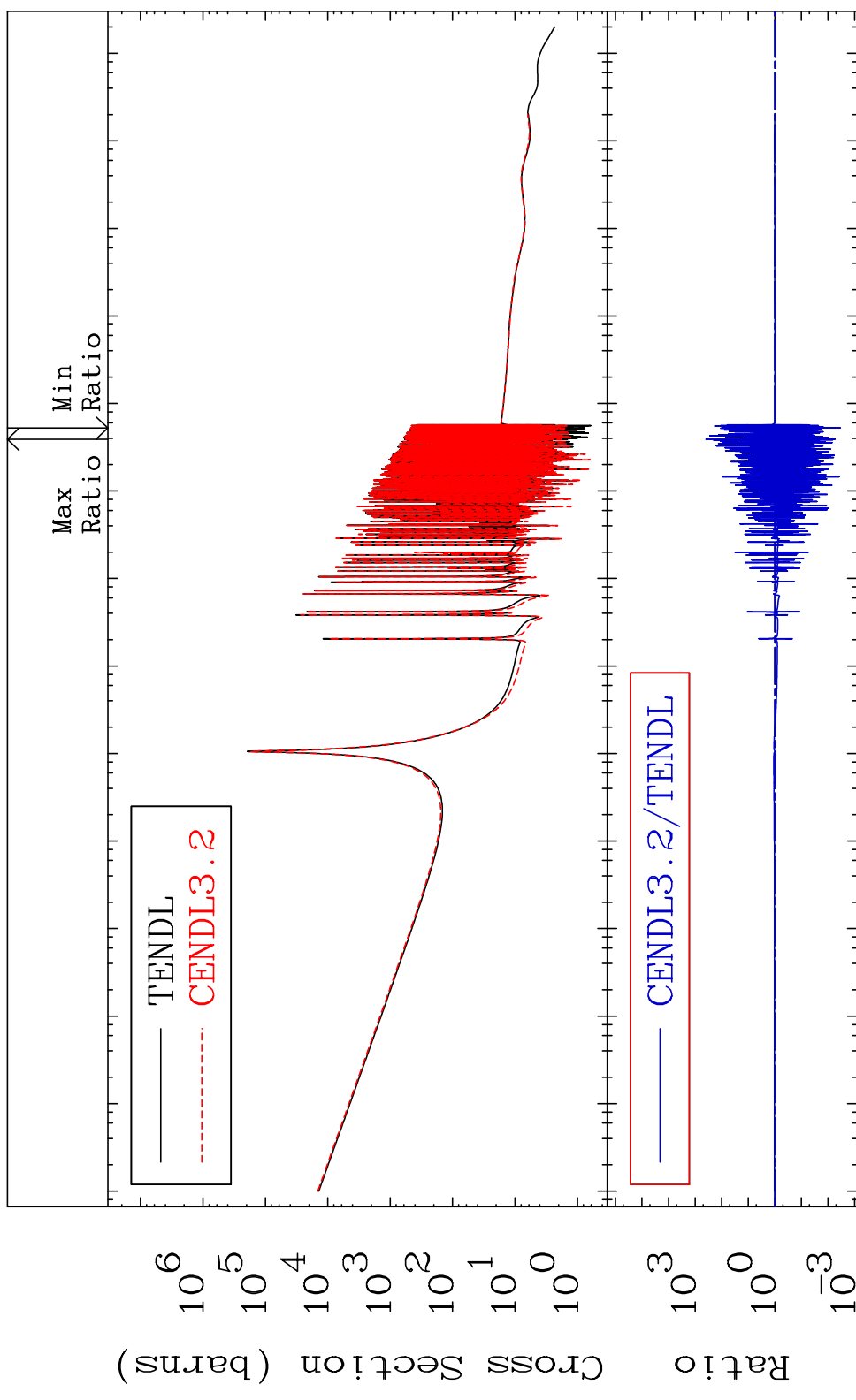
MAT 9440

Total

94-Pu-240

Cross Section

-99.66 To 9999. %



Incident Energy (eV)

1

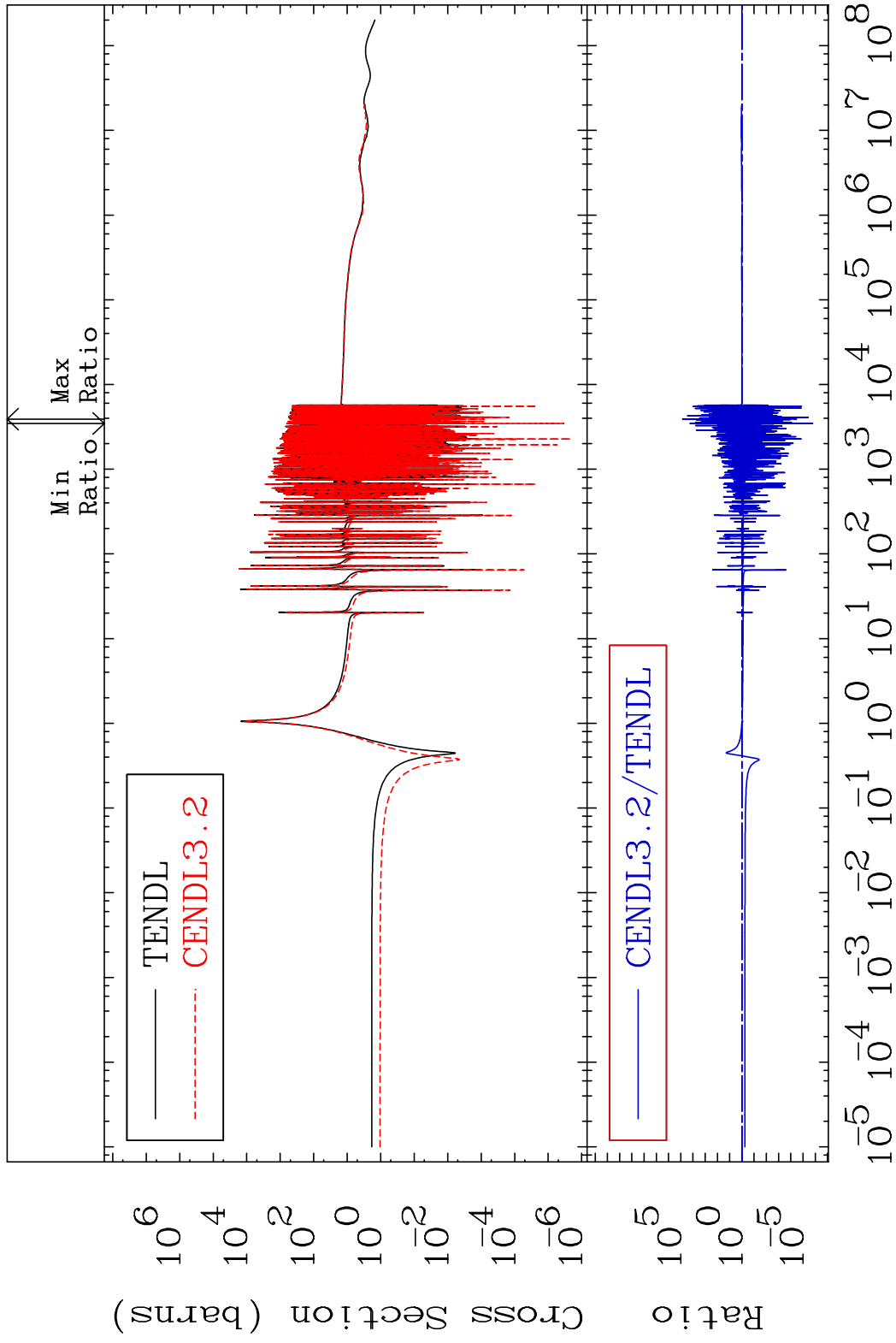
94-Pu-240

MAT 9440

Elastic

94-Pu-240

Cross Section -100.0 To 9999. %

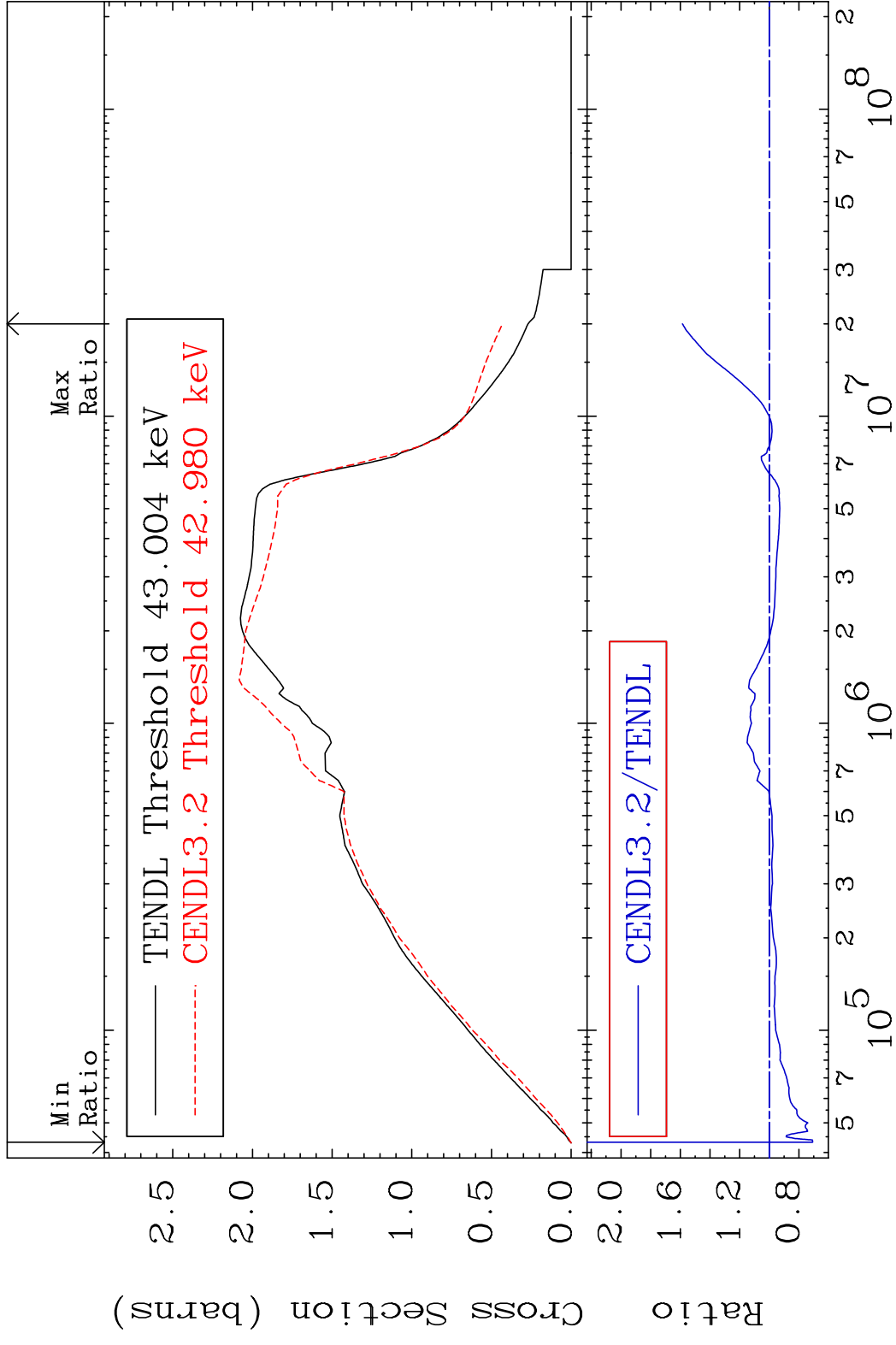


2

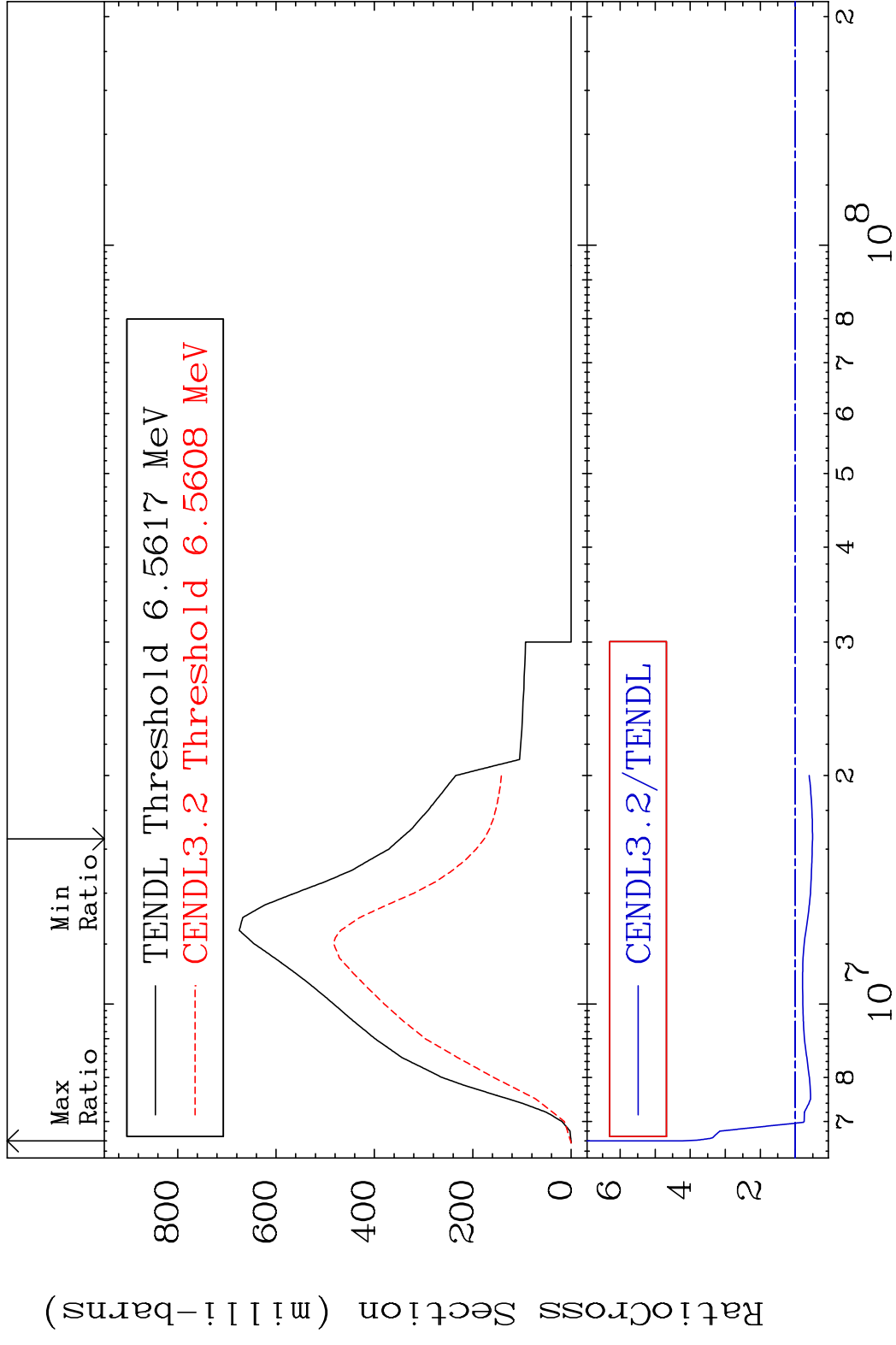
Incident Energy (eV)

94-Pu-240

MAT 9440 Inelastic 94-Pu-240  
 Cross Section -29.19 To 58.59 %

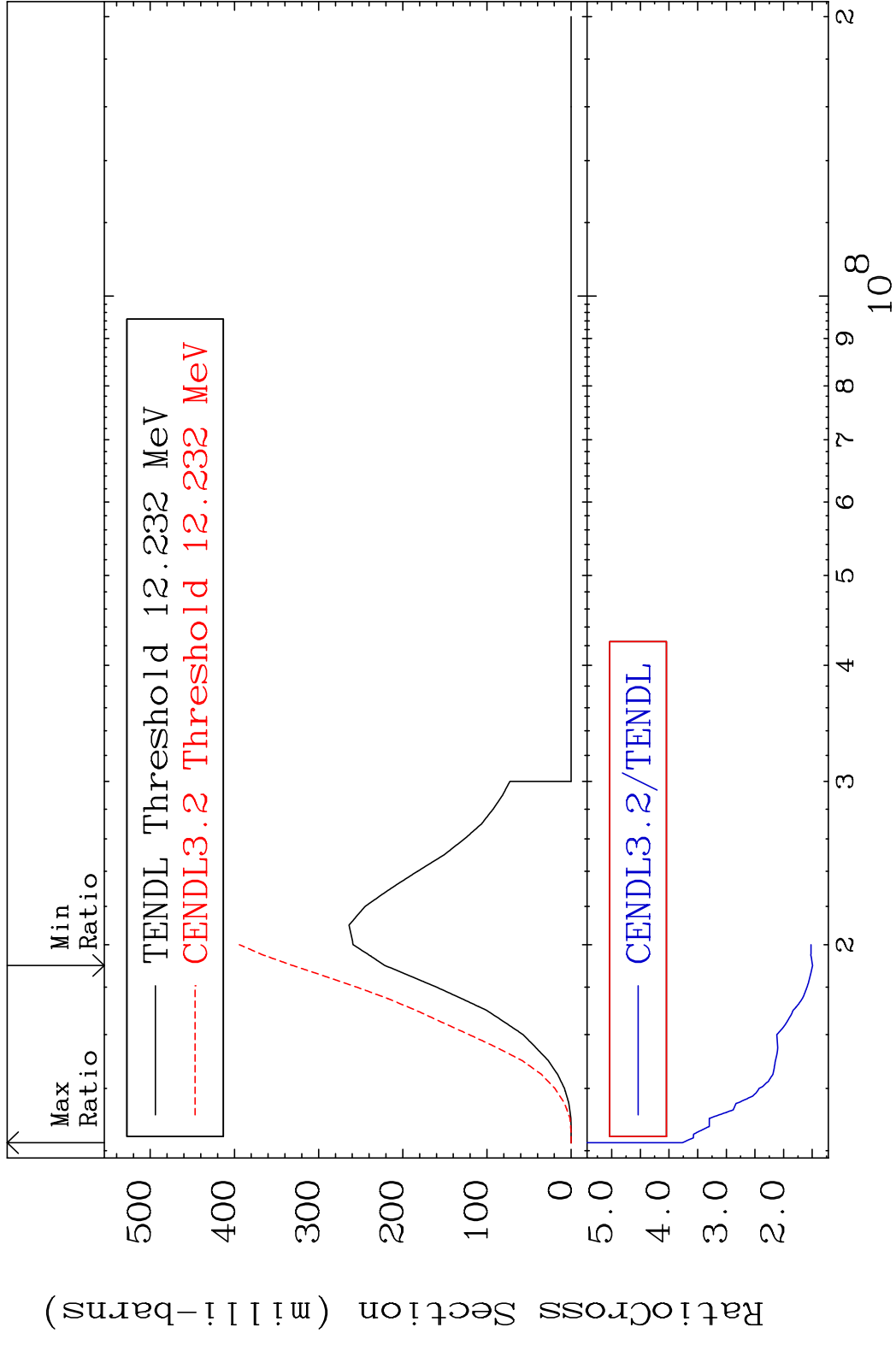


MAT 9440 (n,2n) 94-Pu-240  
 Cross Section -49.12 To 322.4 %



4 94-Pu-240

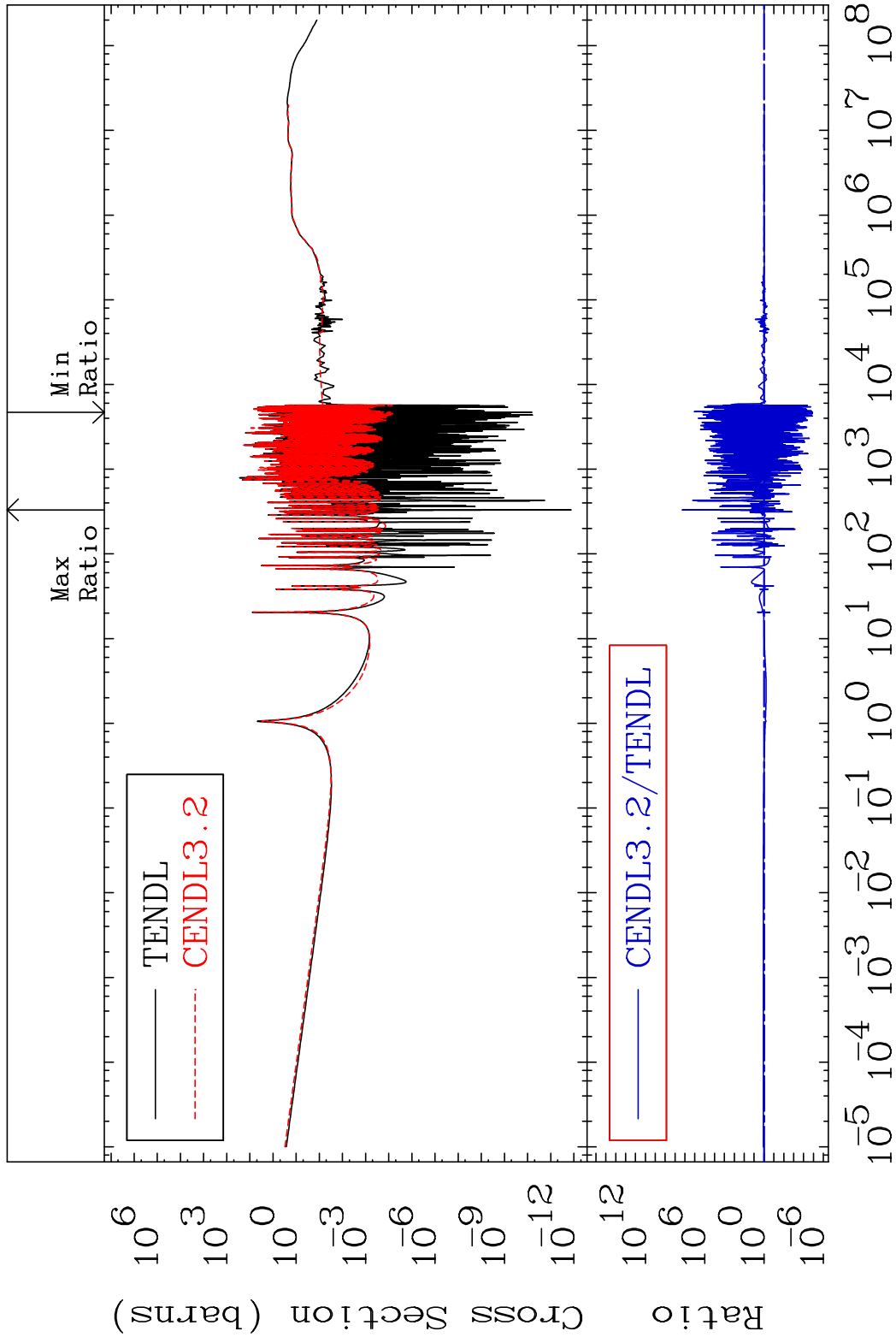
MAT 9440 (n,3n) 94-Pu-240  
 Cross Section 49.48 To 276.7 %



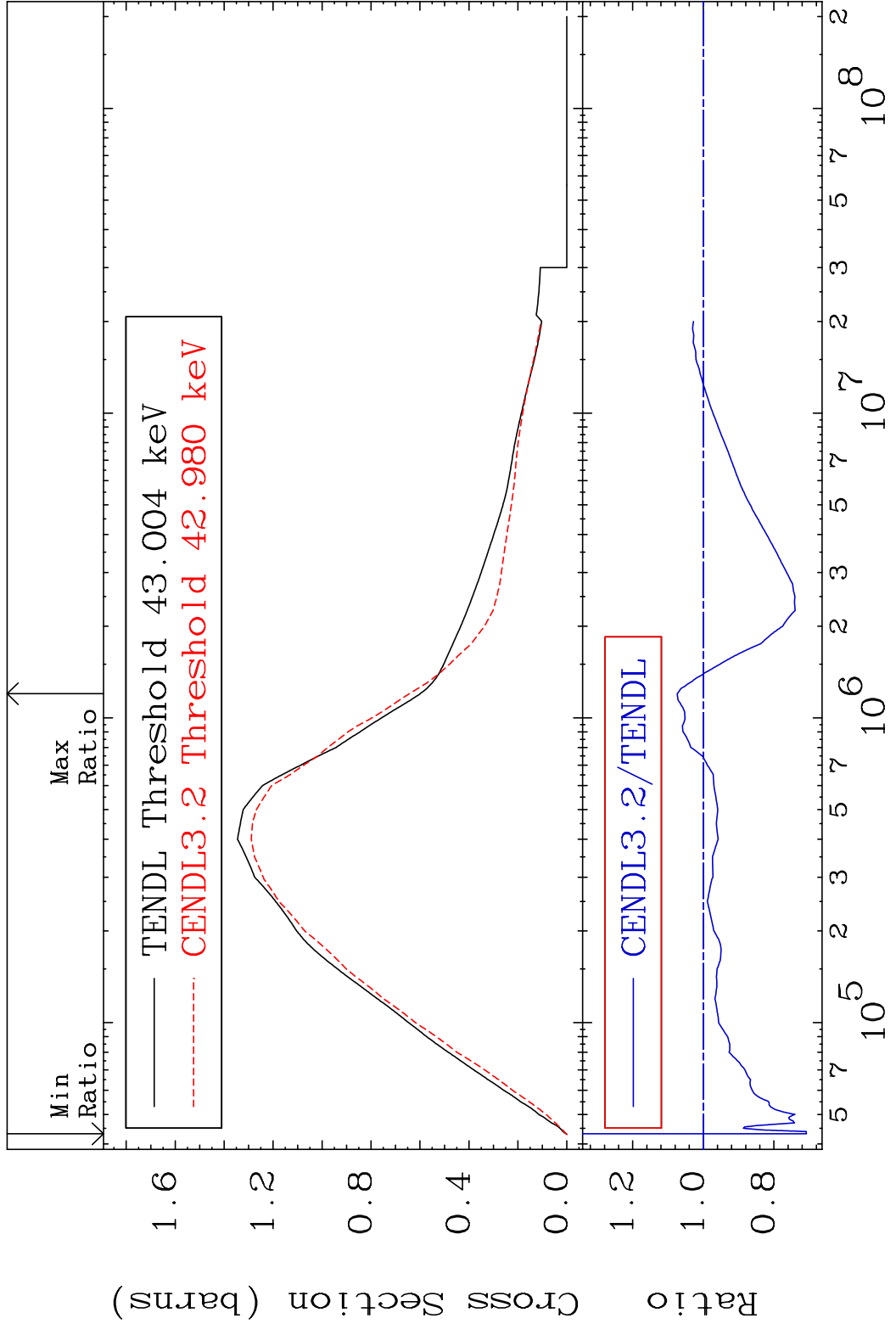
MAT 9440

Fission  
Cross Section -100.0 To 9999. %

94-Pu-240

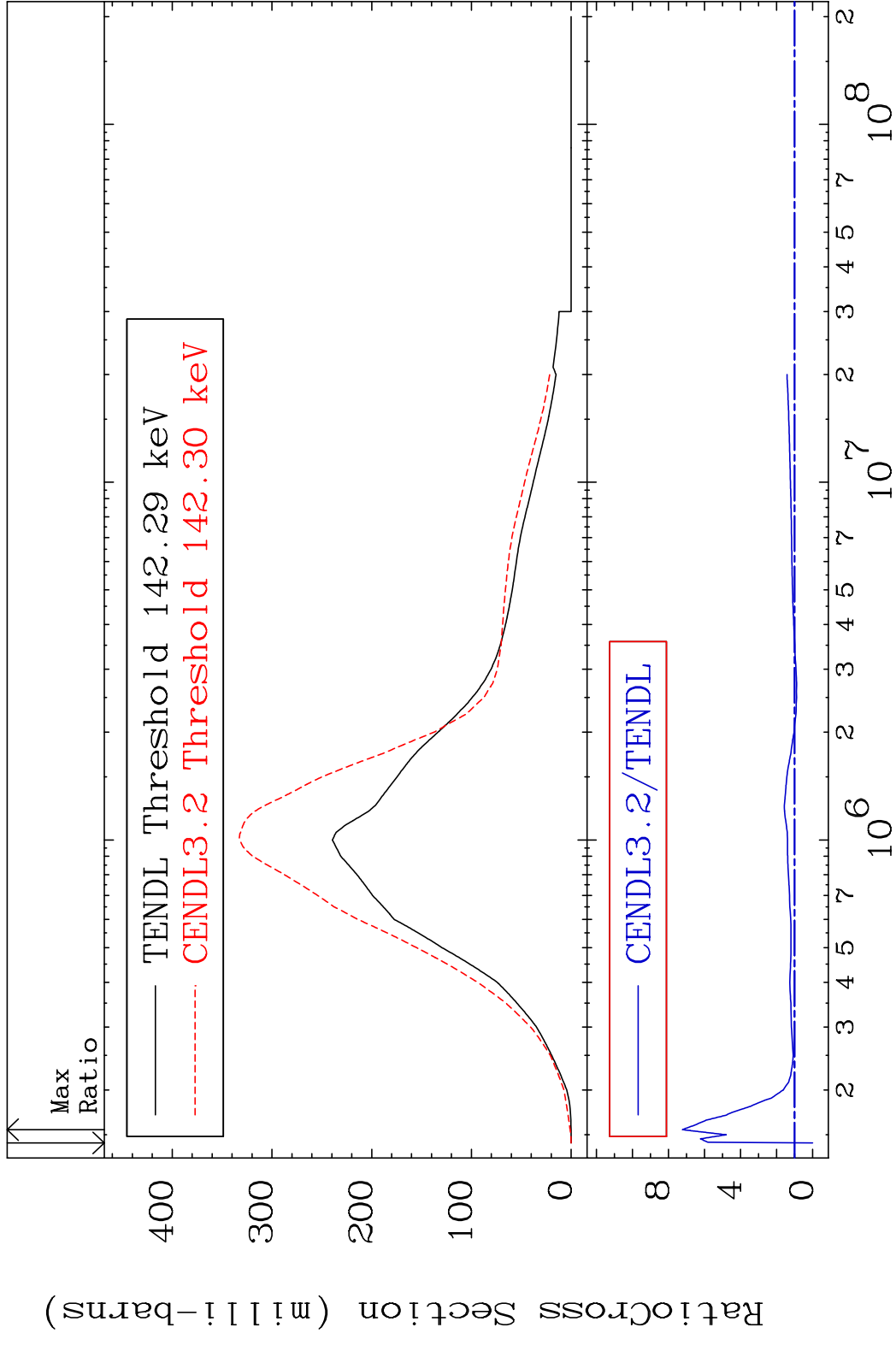


MAT 9440 MT= 51 (n, n') Level 94-Pu-240  
 Cross Section -29.19 To 7.406 %

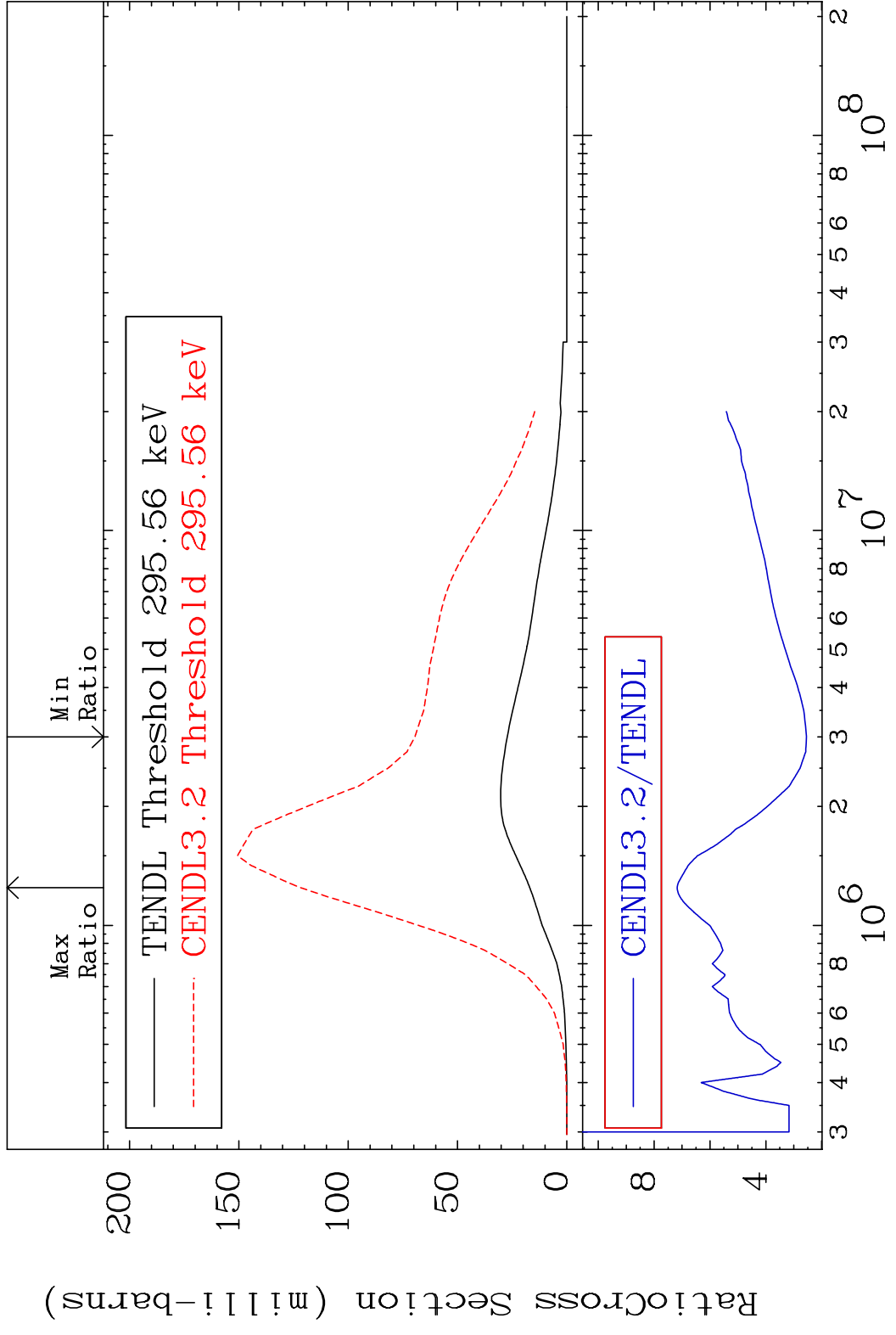




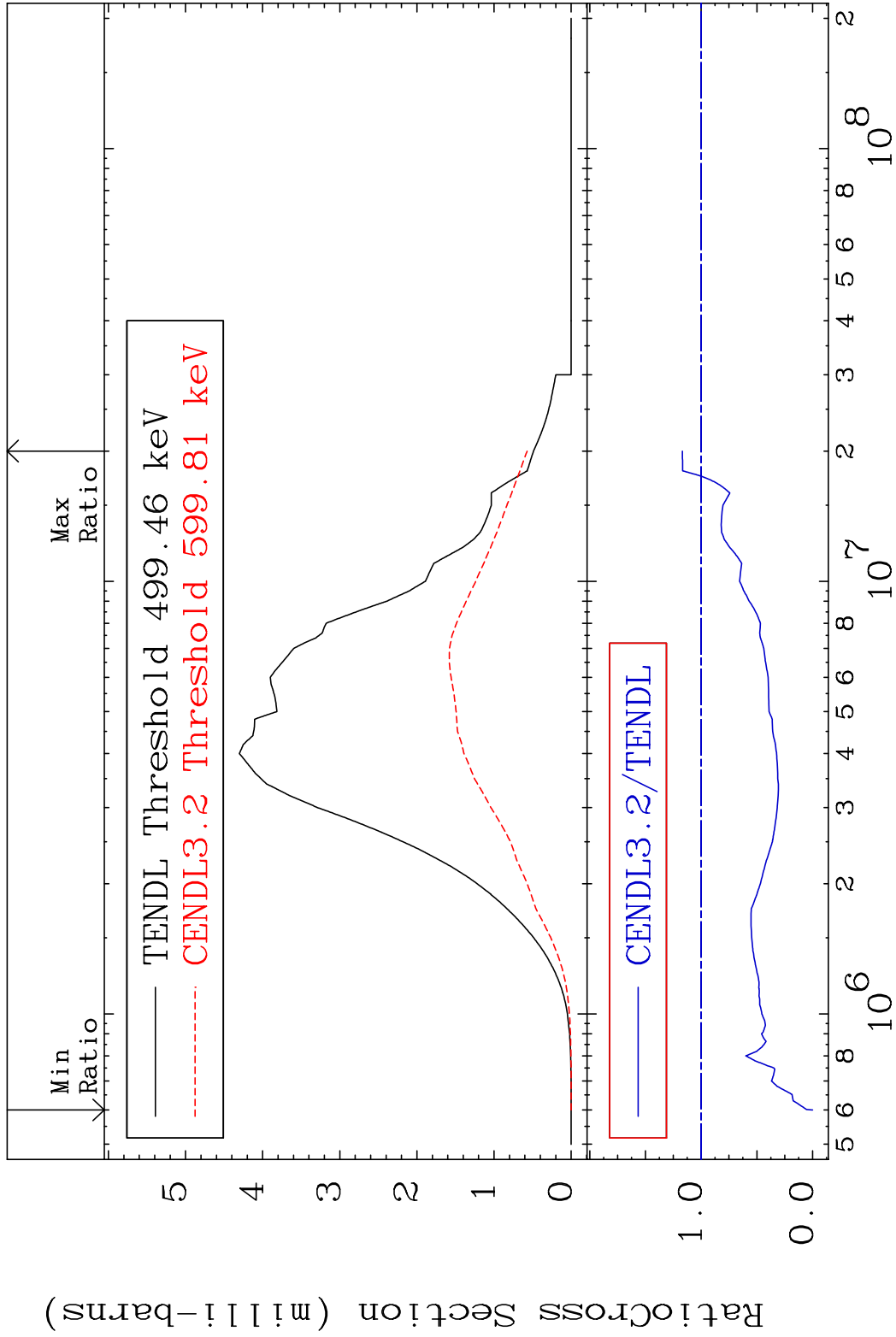
MAT 9440 MT= 52 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 623.0 %



MAT 9440 MT= 53 (n, n') Level 94-Pu-240  
 Cross Section 154.8 To 617.4 %

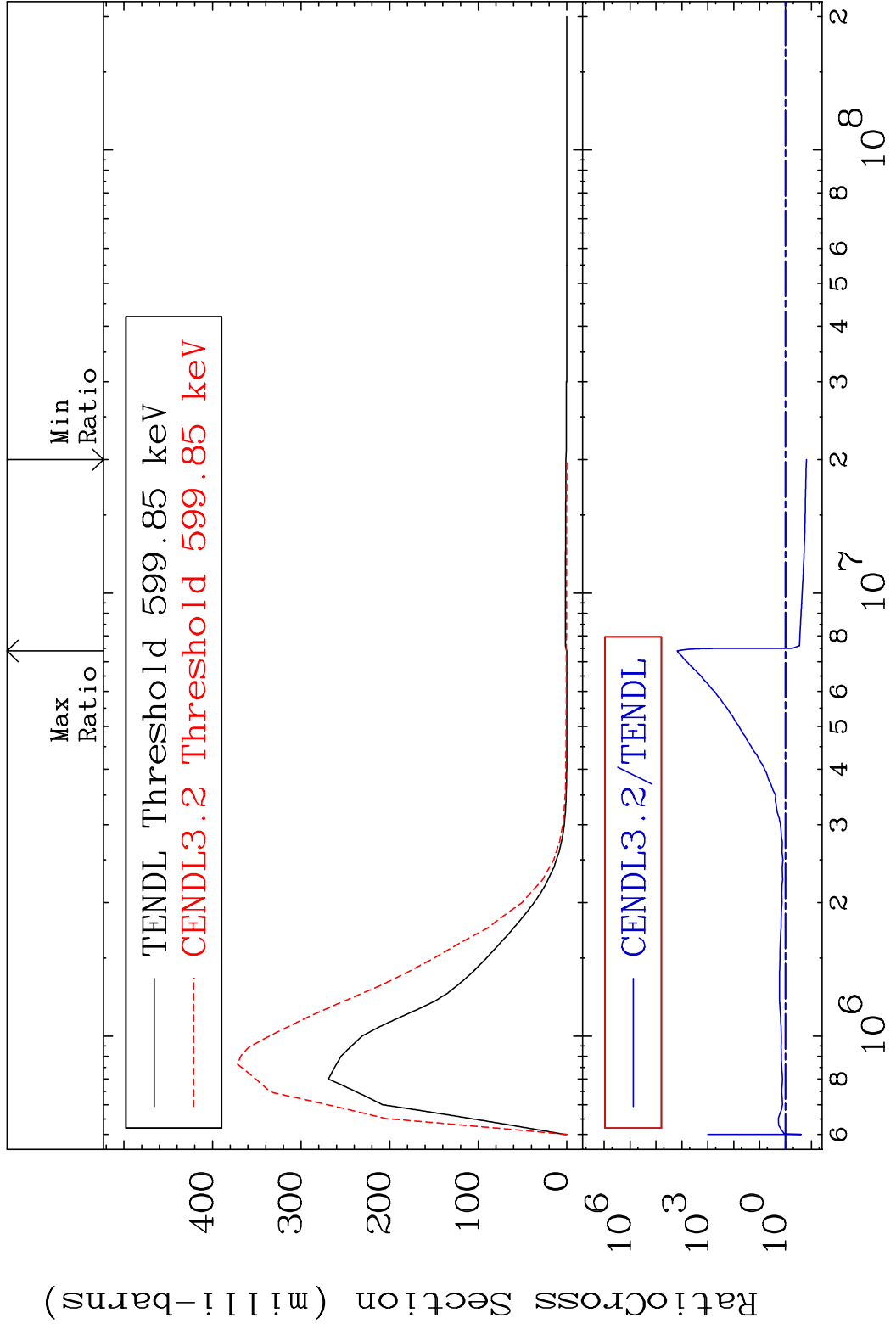


MAT 9440 MT= 54 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 16.88 %

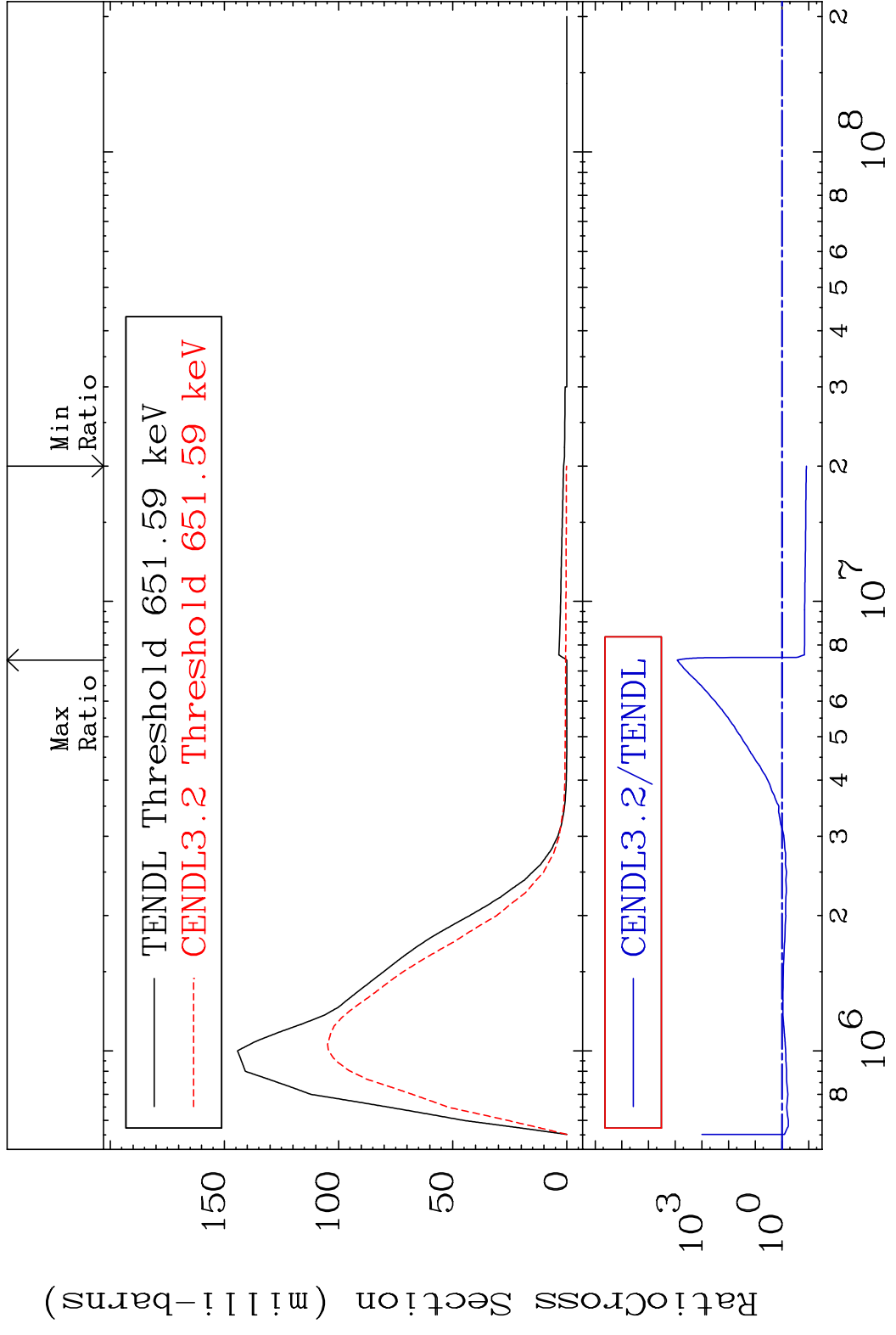


10      Incident Energy (eV)      94-Pu-240

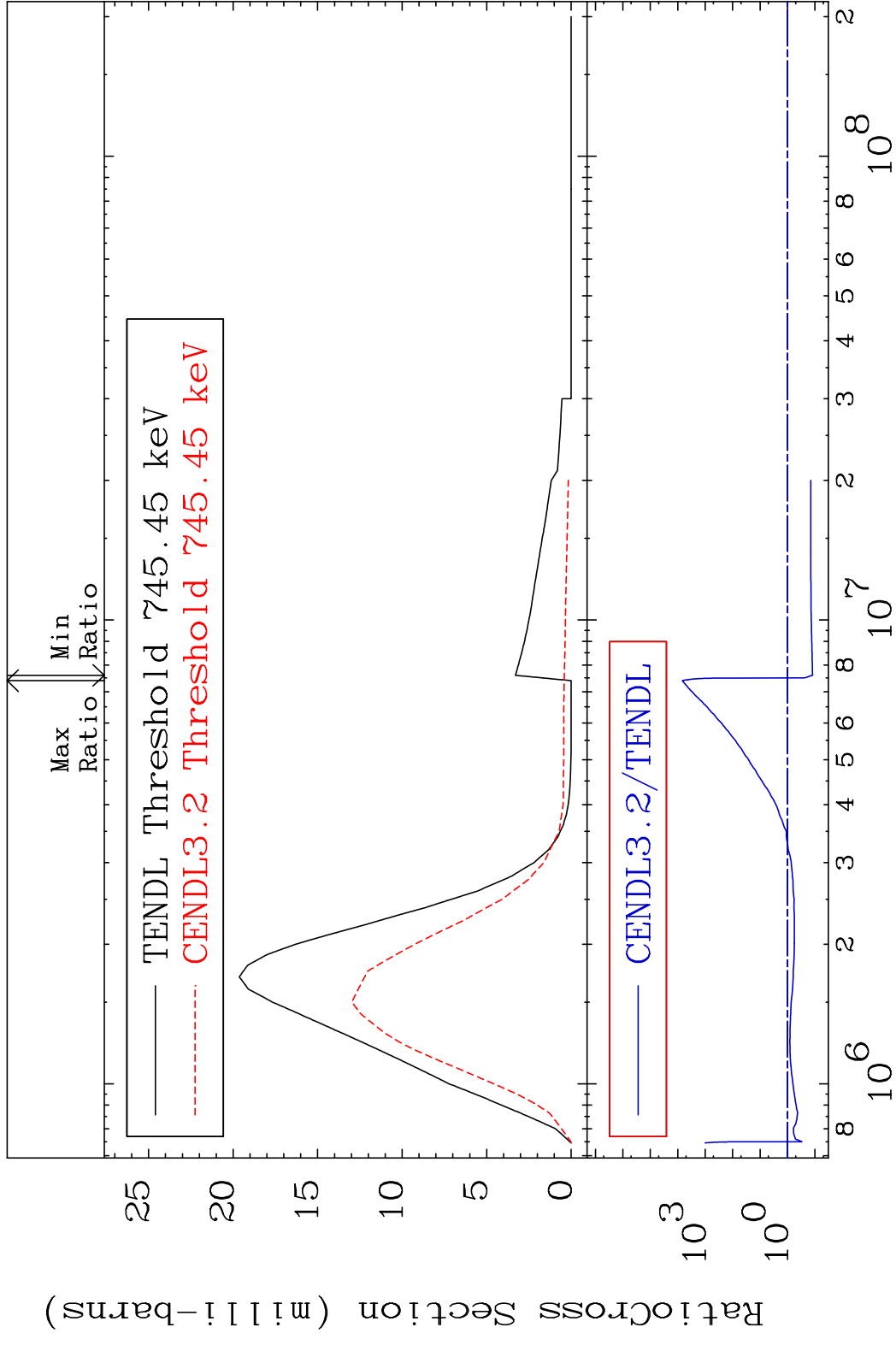
MAT 9440 MT= 55 (n, n') Level 94-Pu-240  
 Cross Section -84.41 To 9999. %



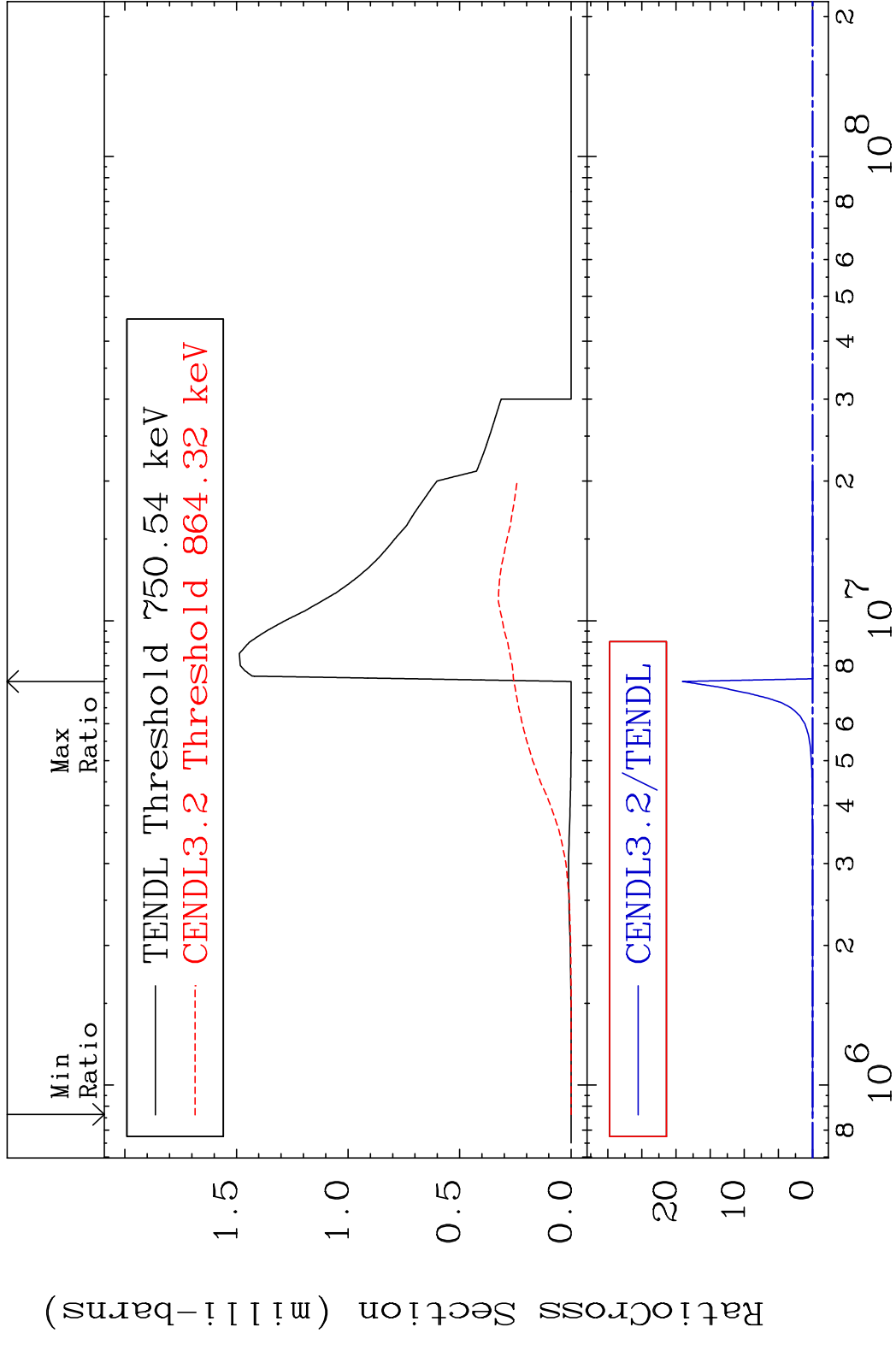
MAT 9440 MT= 56 (n, n') Level 94-Pu-240  
 Cross Section -87.86 To 9999. %



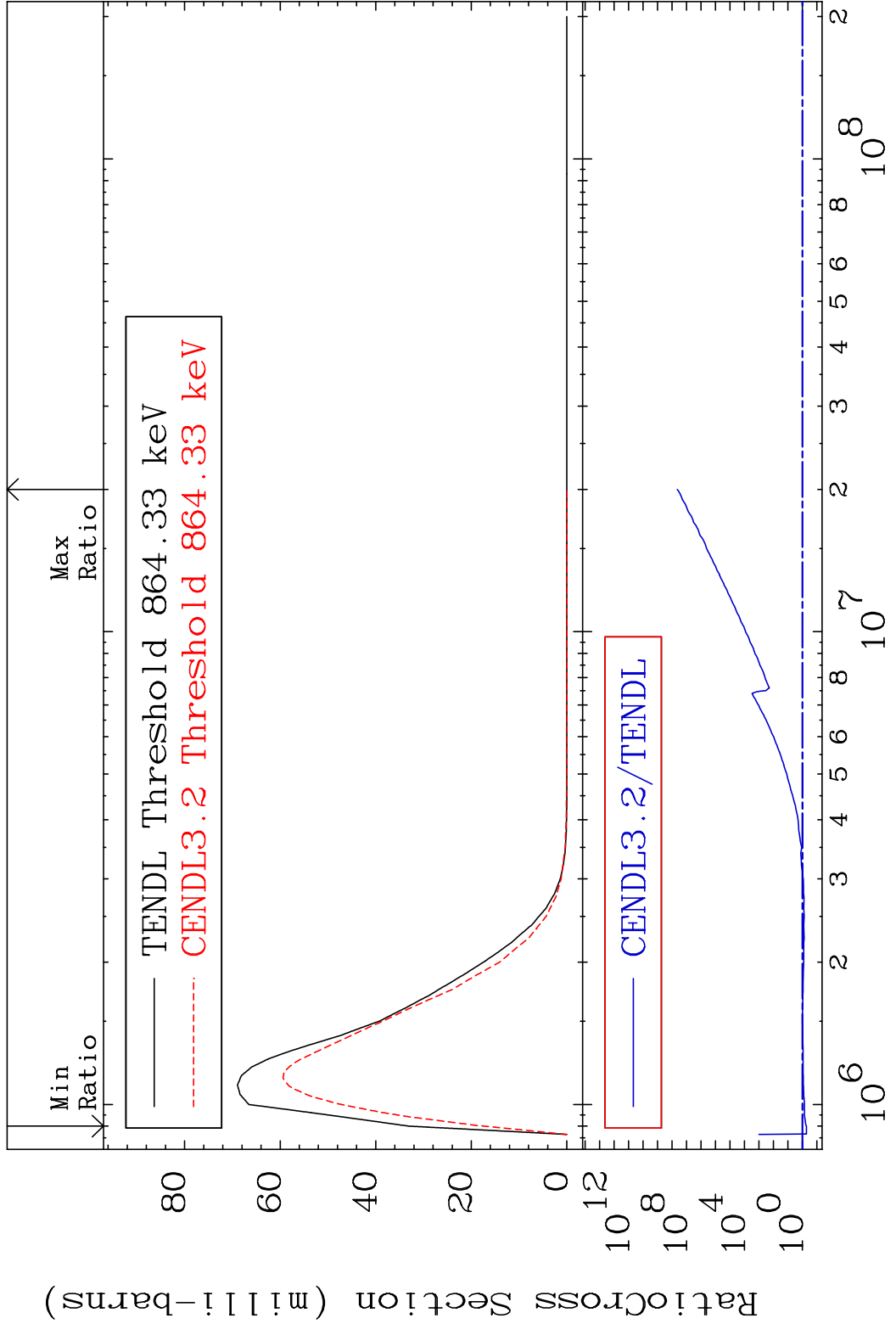
MAT 9440 MT= 57 (n, n') Level 94-Pu-240  
 Cross Section -87.75 To 9999. %



MAT 9440 MT= 58 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %

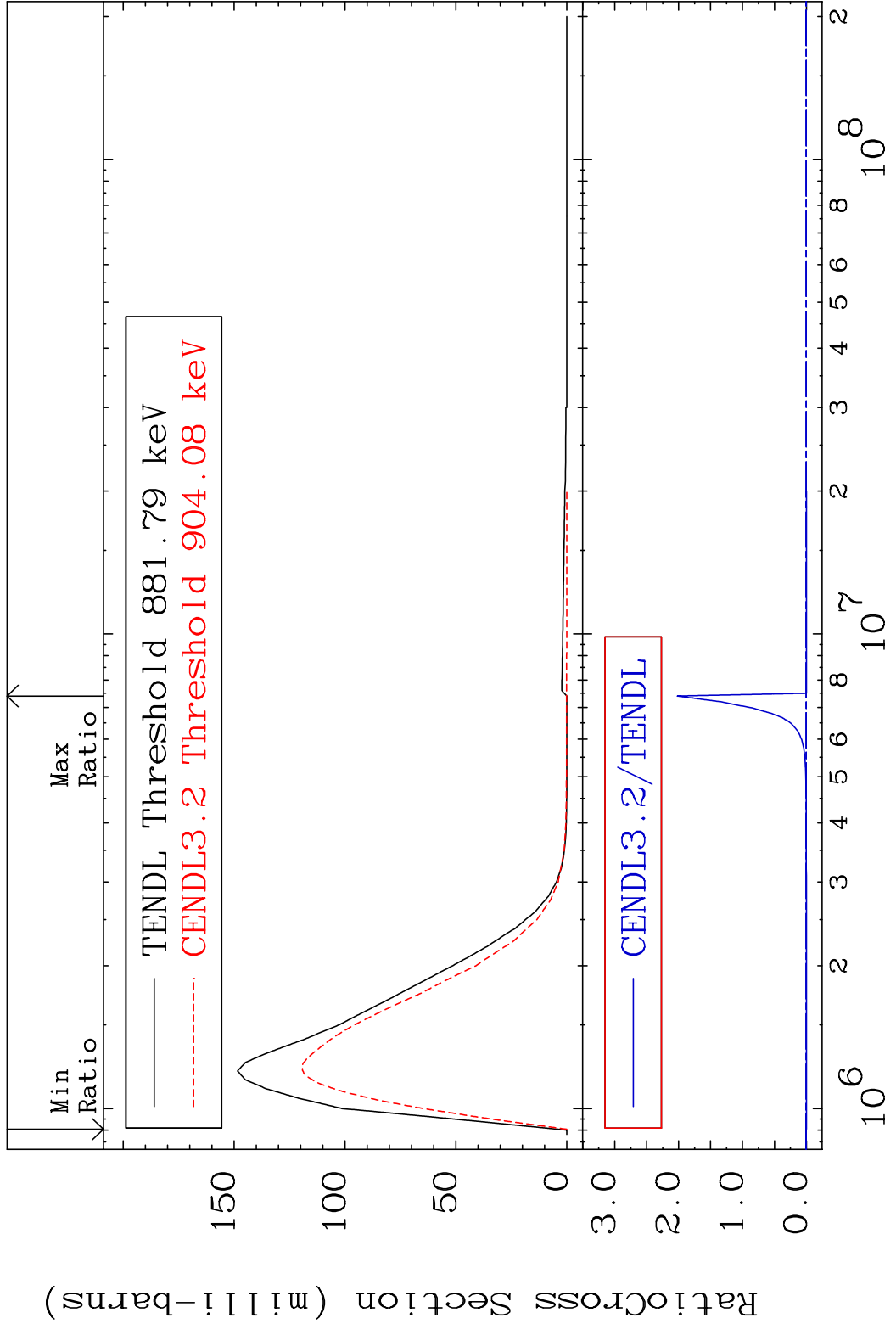


MAT 9440 MT= 59 (n, n') Level 94-Pu-240  
 Cross Section -47.66 To 9999. %



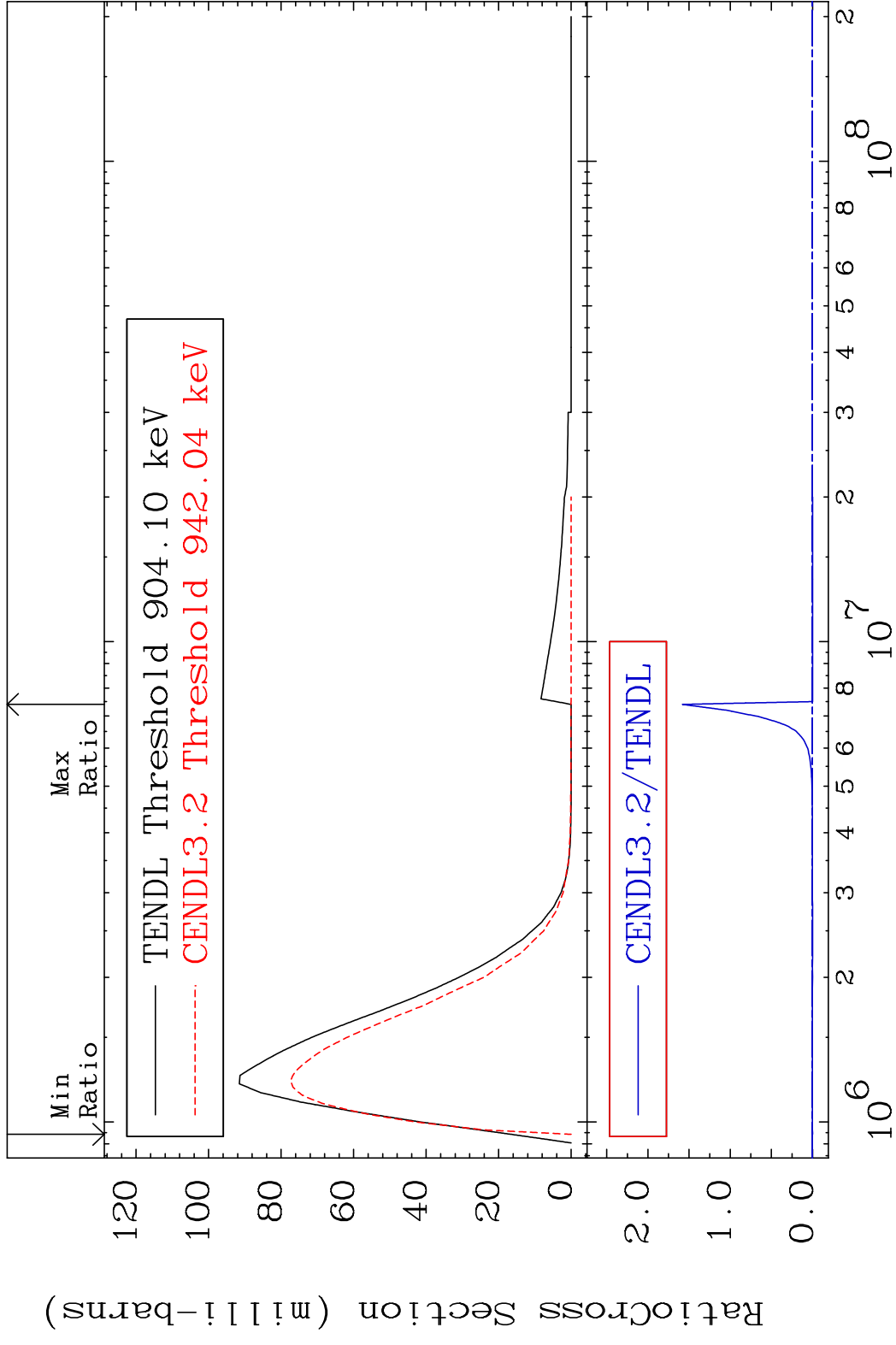


MAT 9440 MT= 60 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



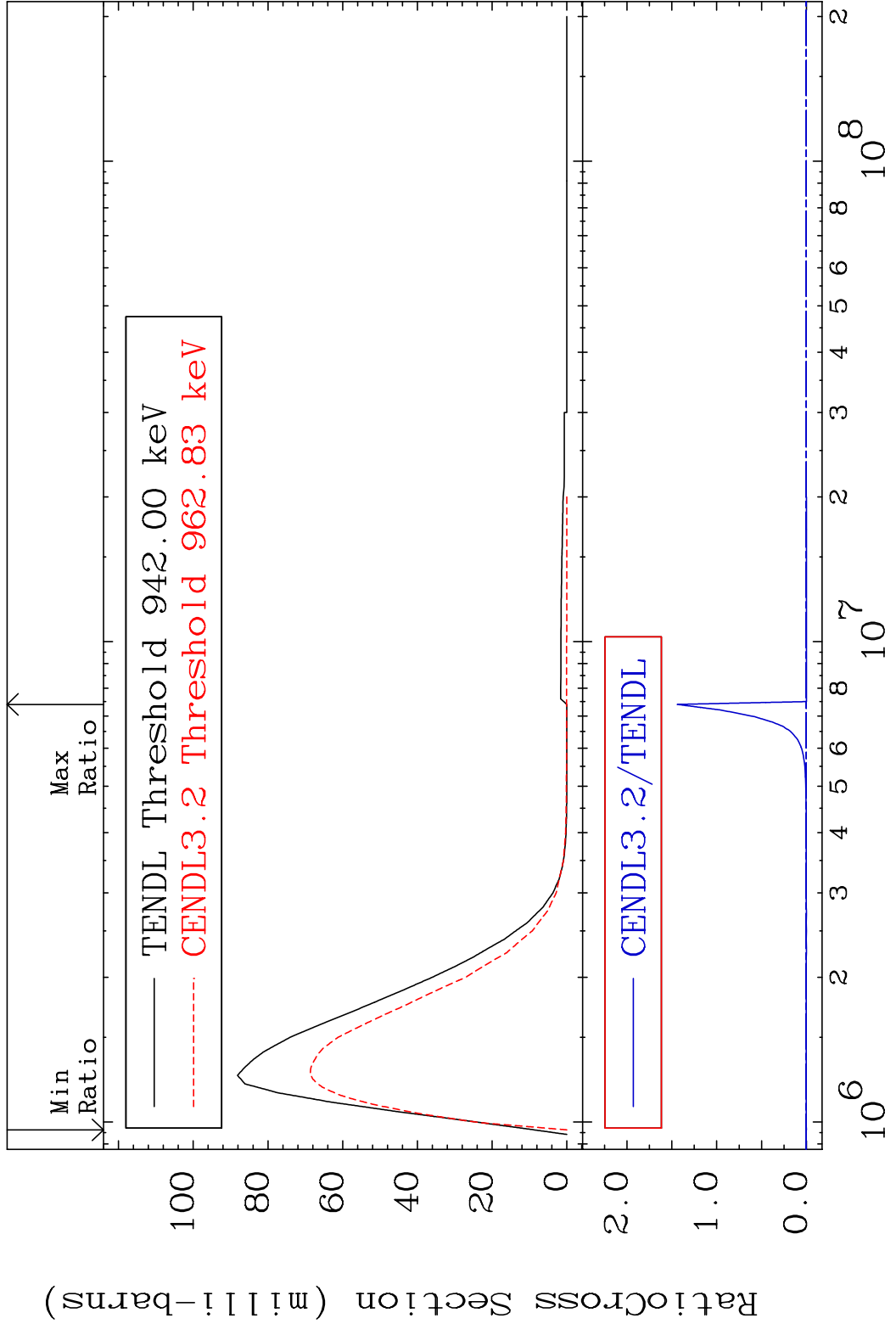
16 16 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 61 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



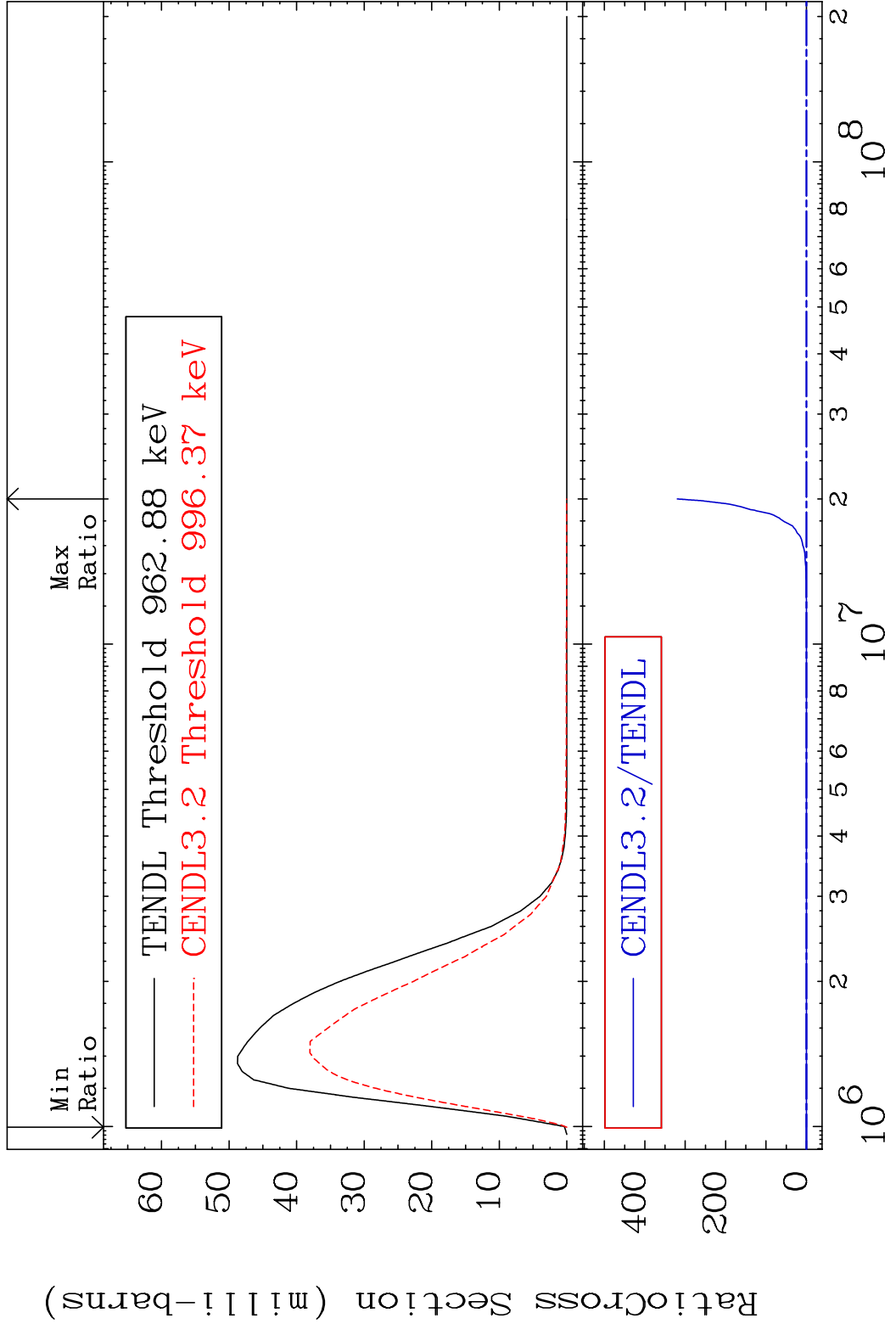
17 94-Pu-240

MAT 9440 MT= 62 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



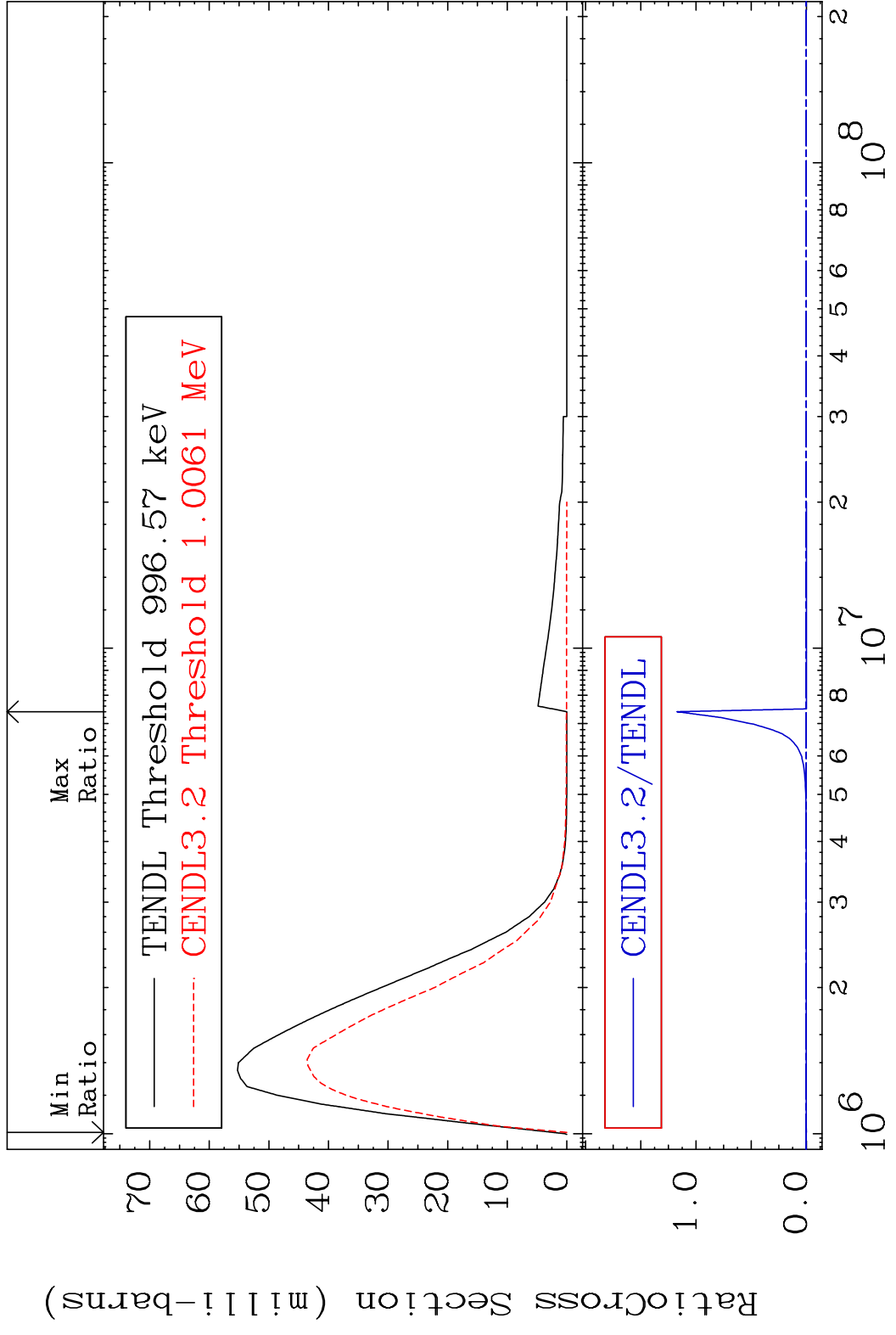
18 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 63 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %

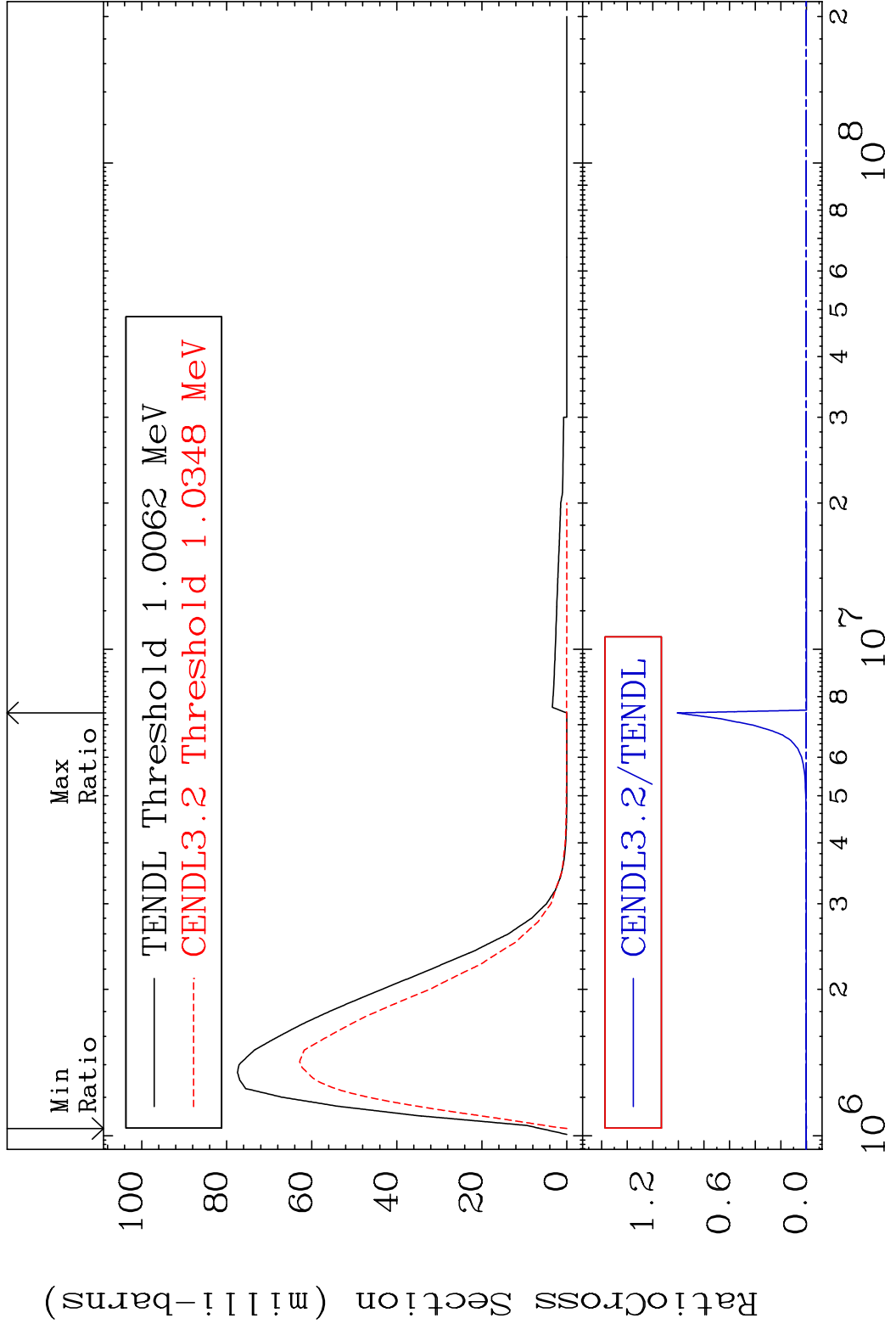


19 94-Pu-240

MAT 9440 MT= 64 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %

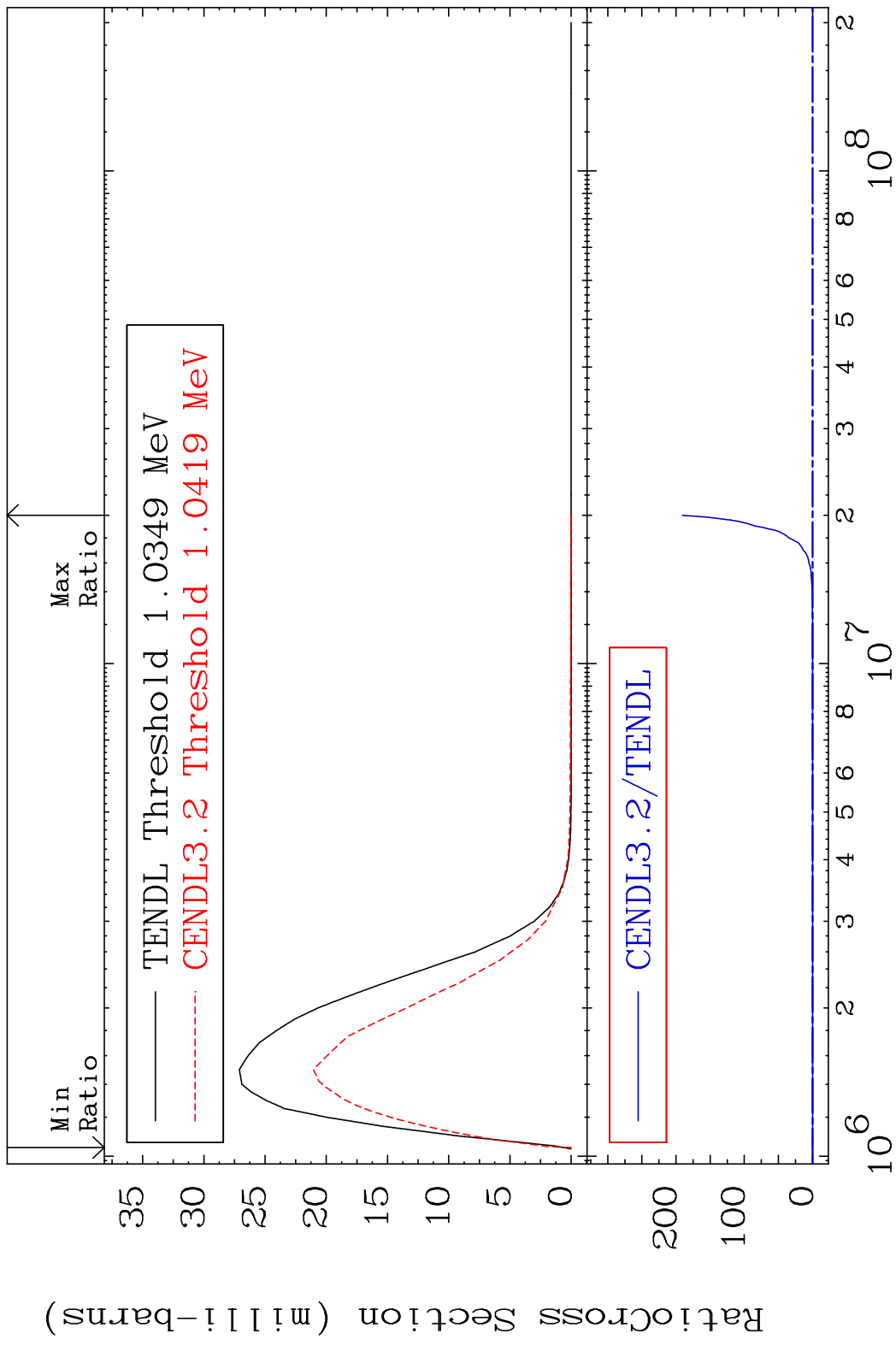


MAT 9440 MT= 65 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



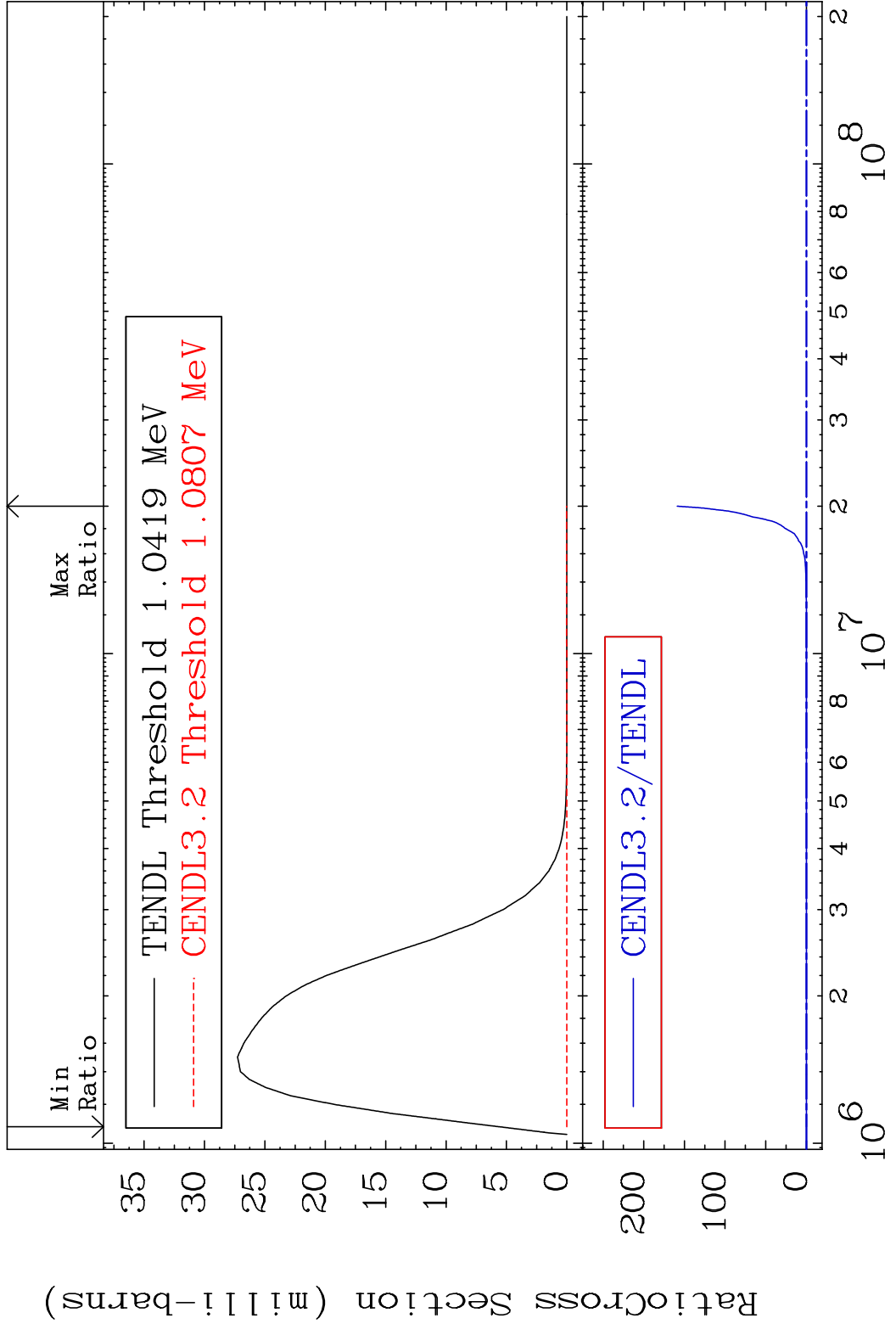
21 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 66 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



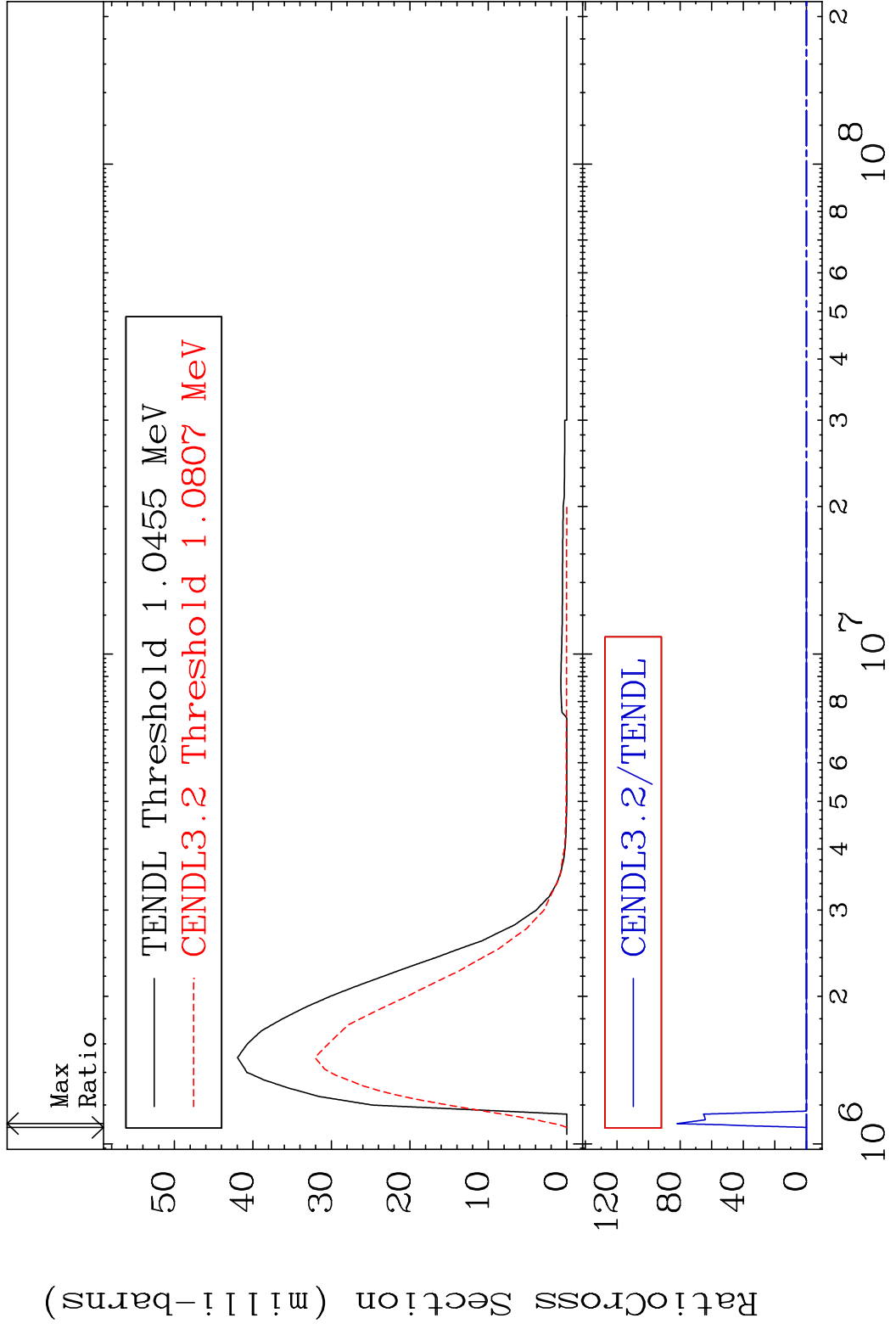
22 94-Pu-240

MAT 9440 MT= 67 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



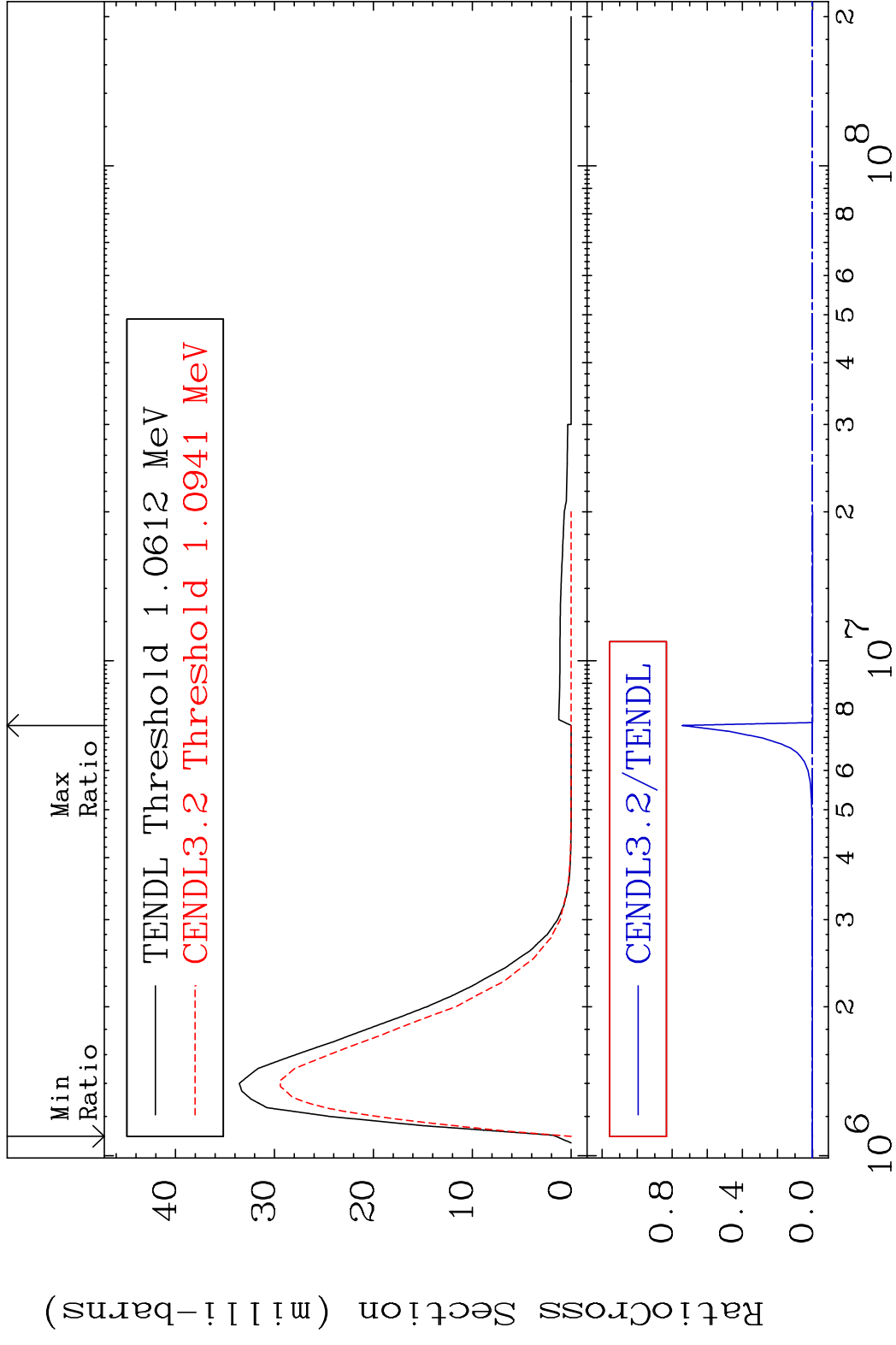


MAT 9440 MT= 68 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



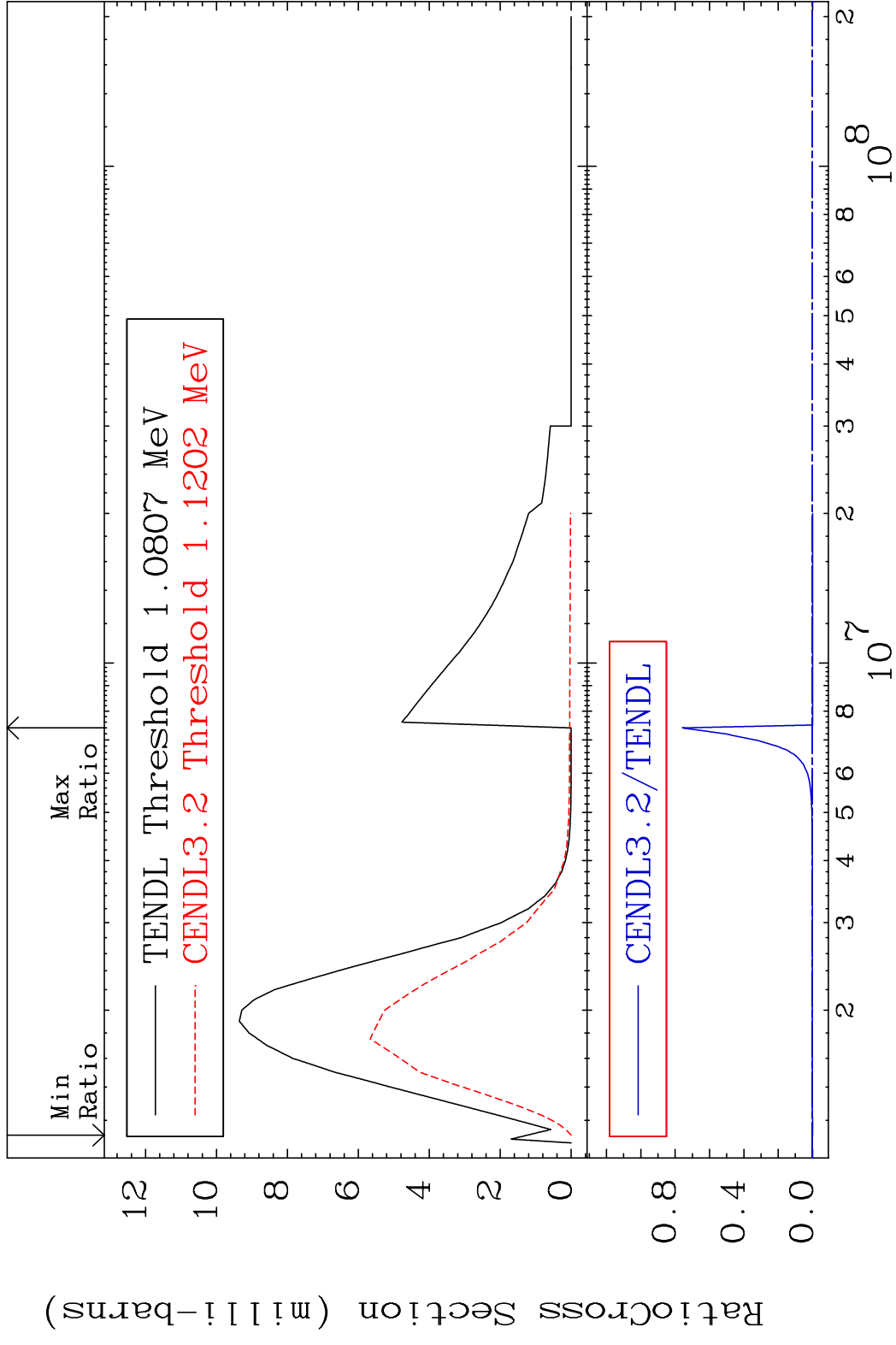
24 Incident Energy (eV) 94-Pu-240

MAT 9440 MT= 69 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %

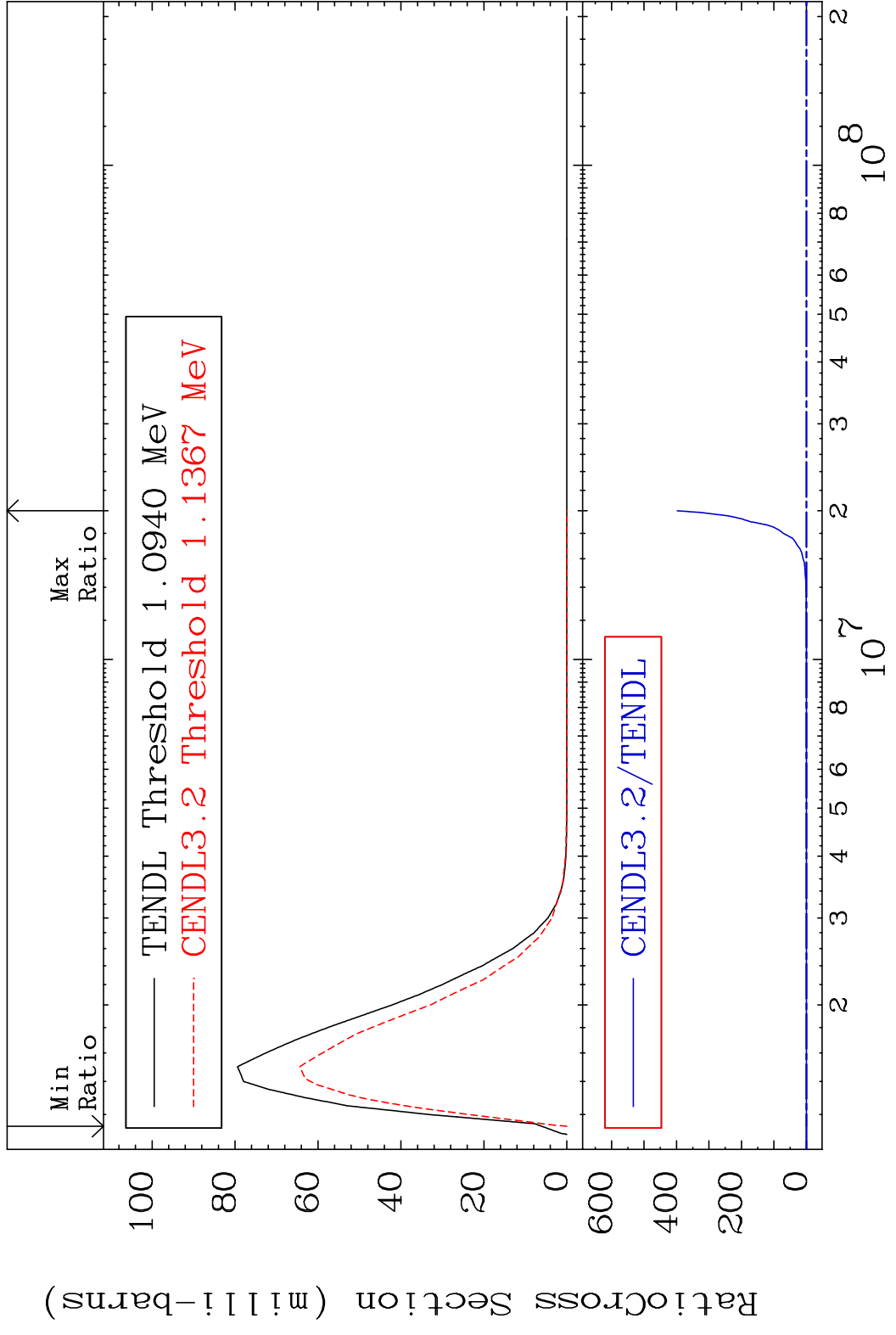


25 94-Pu-240

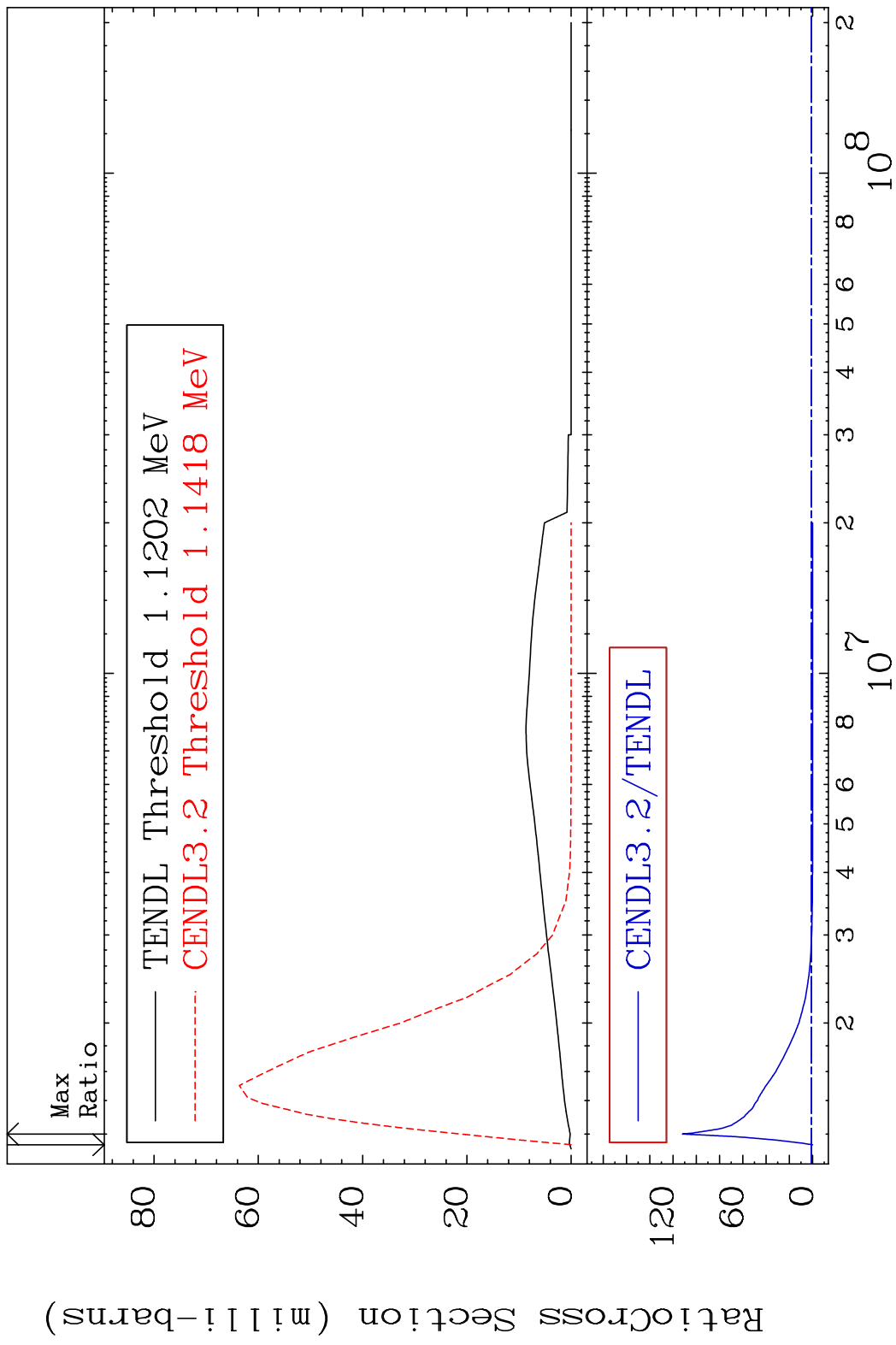
MAT 9440 MT= 70 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



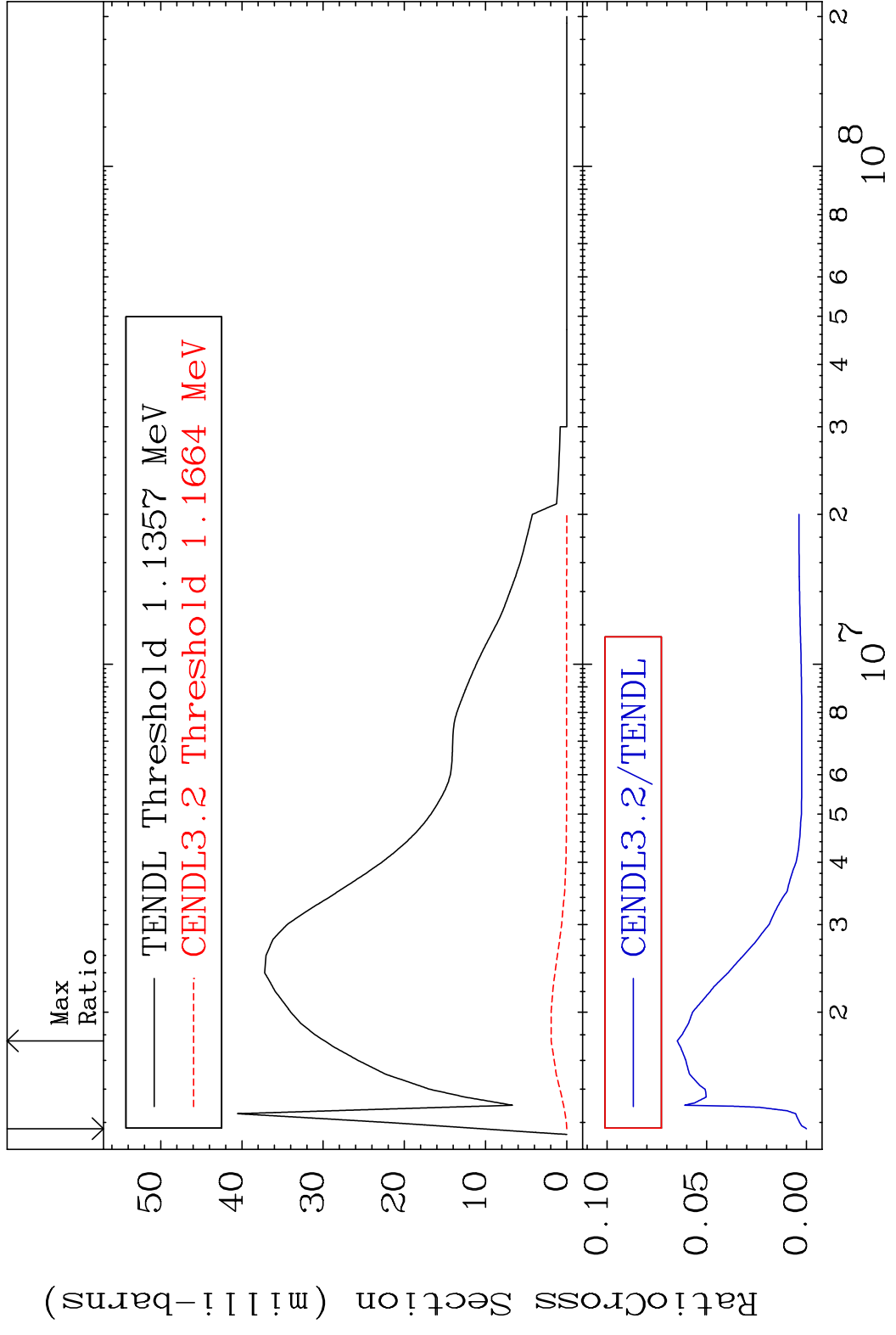
MAT 9440 MT= 71 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



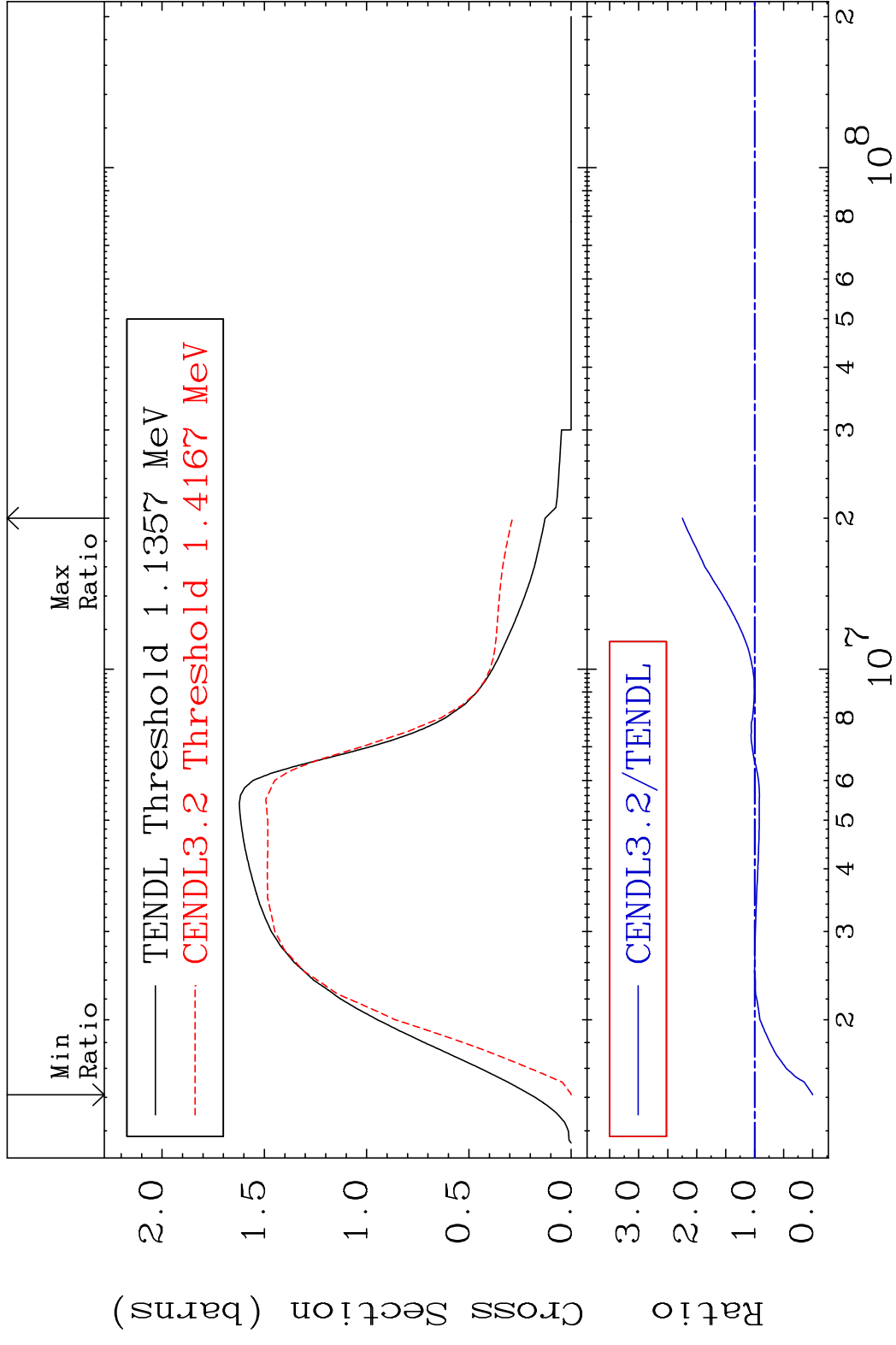
MAT 9440 MT= 72 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440 MT= 73 (n, n') Level 94-Pu-240  
 Cross Section -100.0 To -93.52%

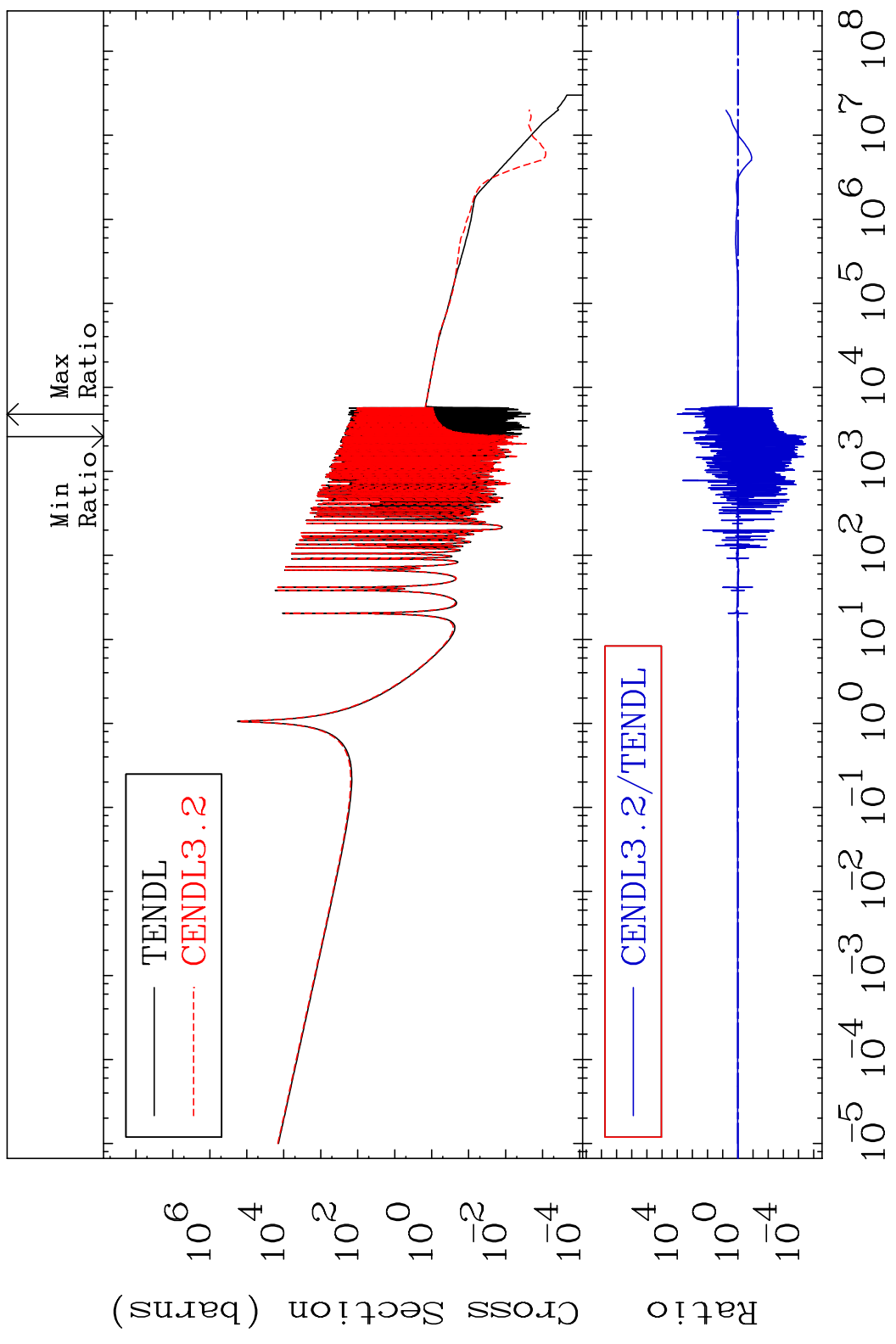


MAT 9440 (n, n') Continuum 94-Pu-240  
 Cross Section -100.0 To 124.7 %

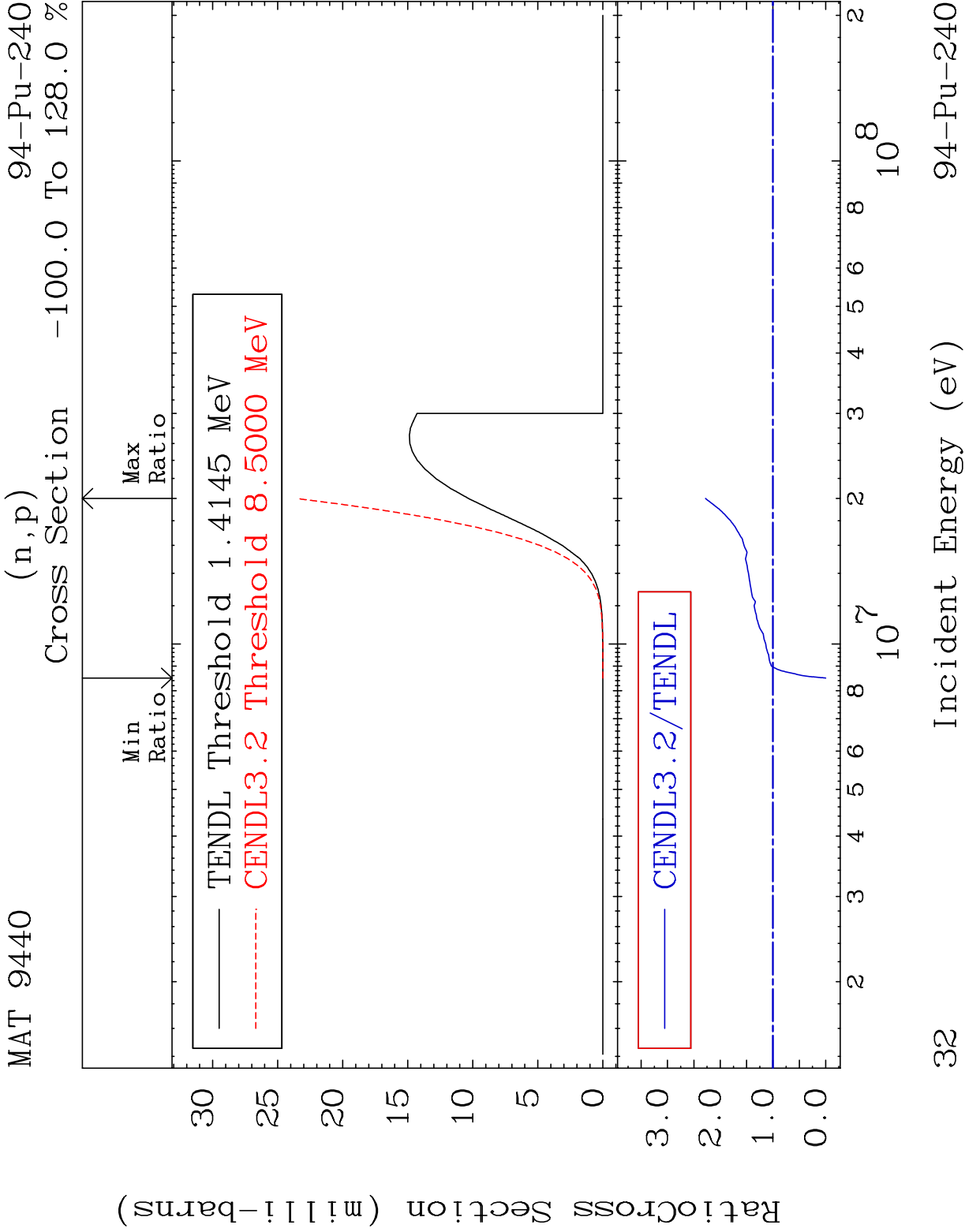


MAT 9440

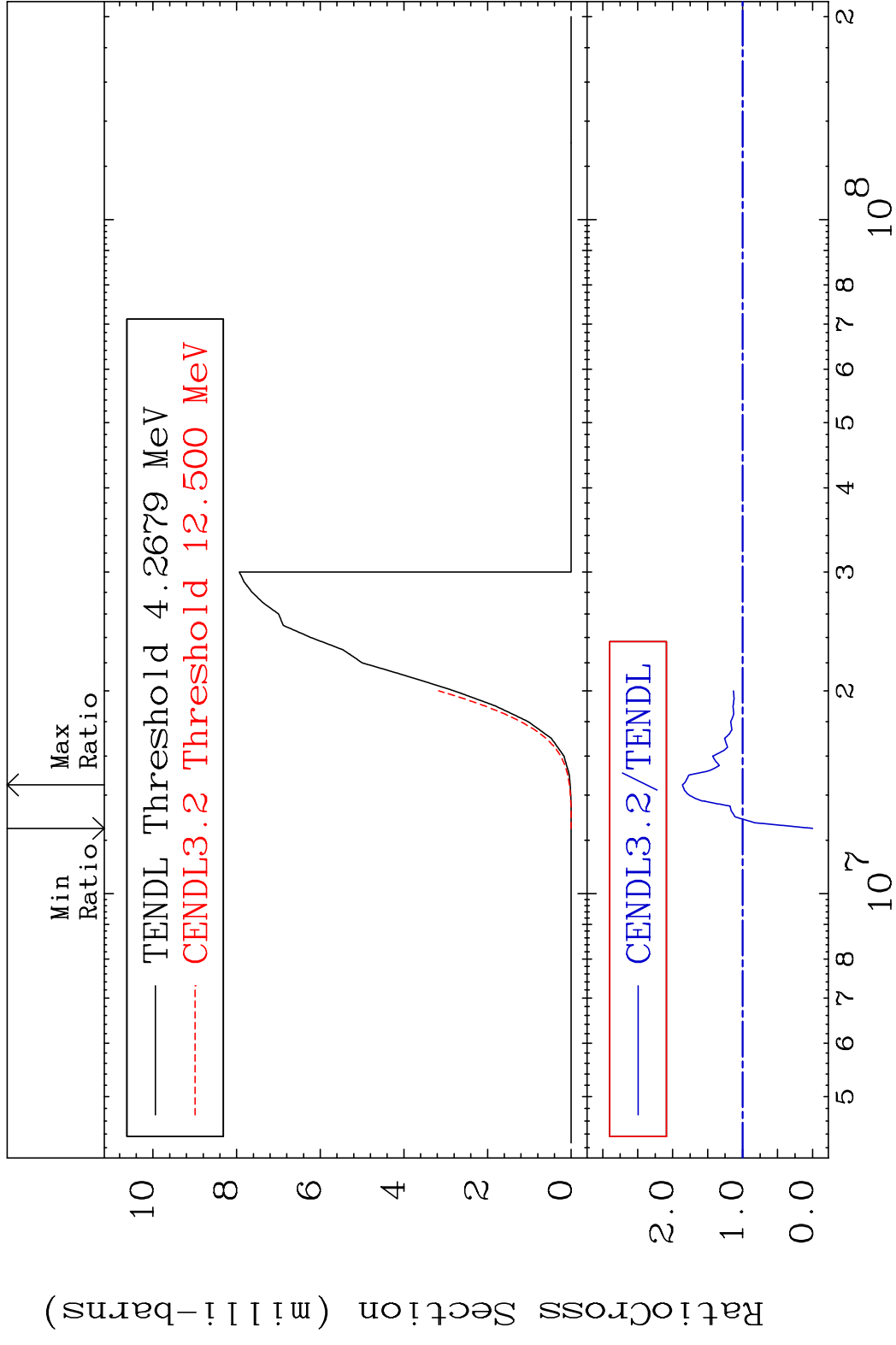
(n,  $\gamma$ )  
Cross Section -100.0 To 9999. %  
94-Pu-240



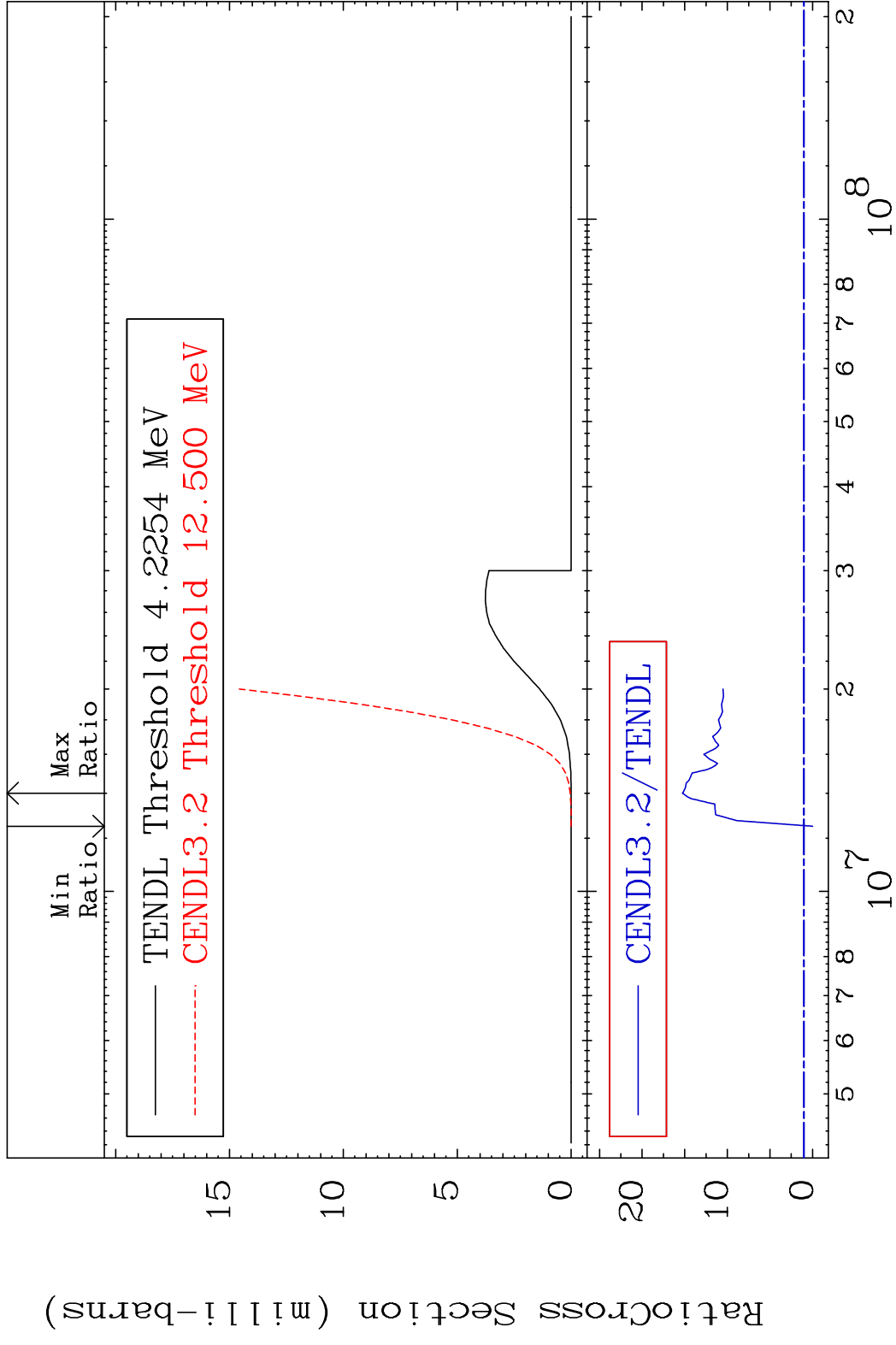




MAT 9440 (n,d) 94-Pu-240  
 Cross Section -100.0 To 86.17 %



MAT 9440 (n, t) 94-Pu-240  
 Cross Section -100.0 To 1428. %

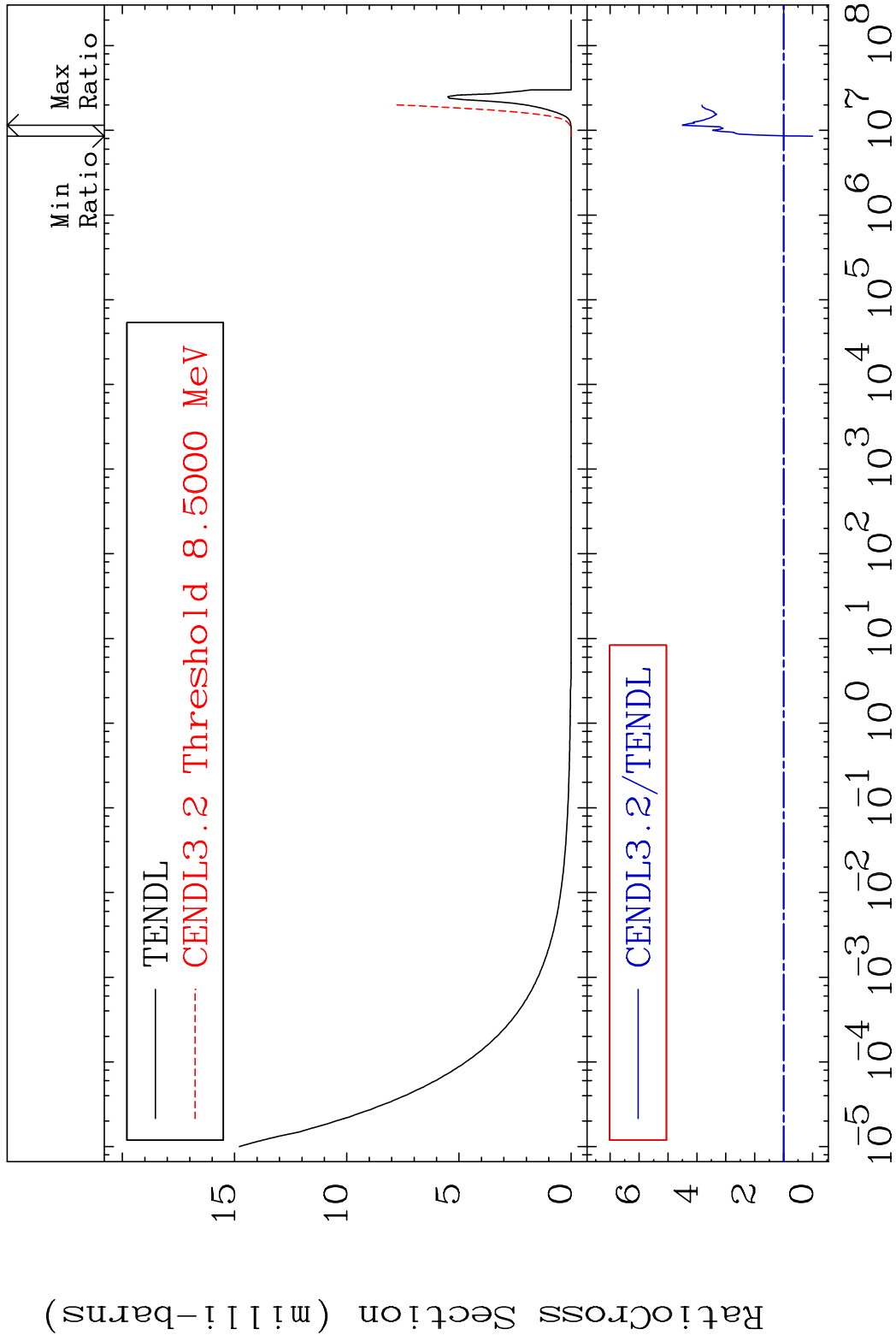


MAT 9440

(n,  $\alpha$ )

94-Pu-240

Cross Section -100.0 To 350.4 %



35

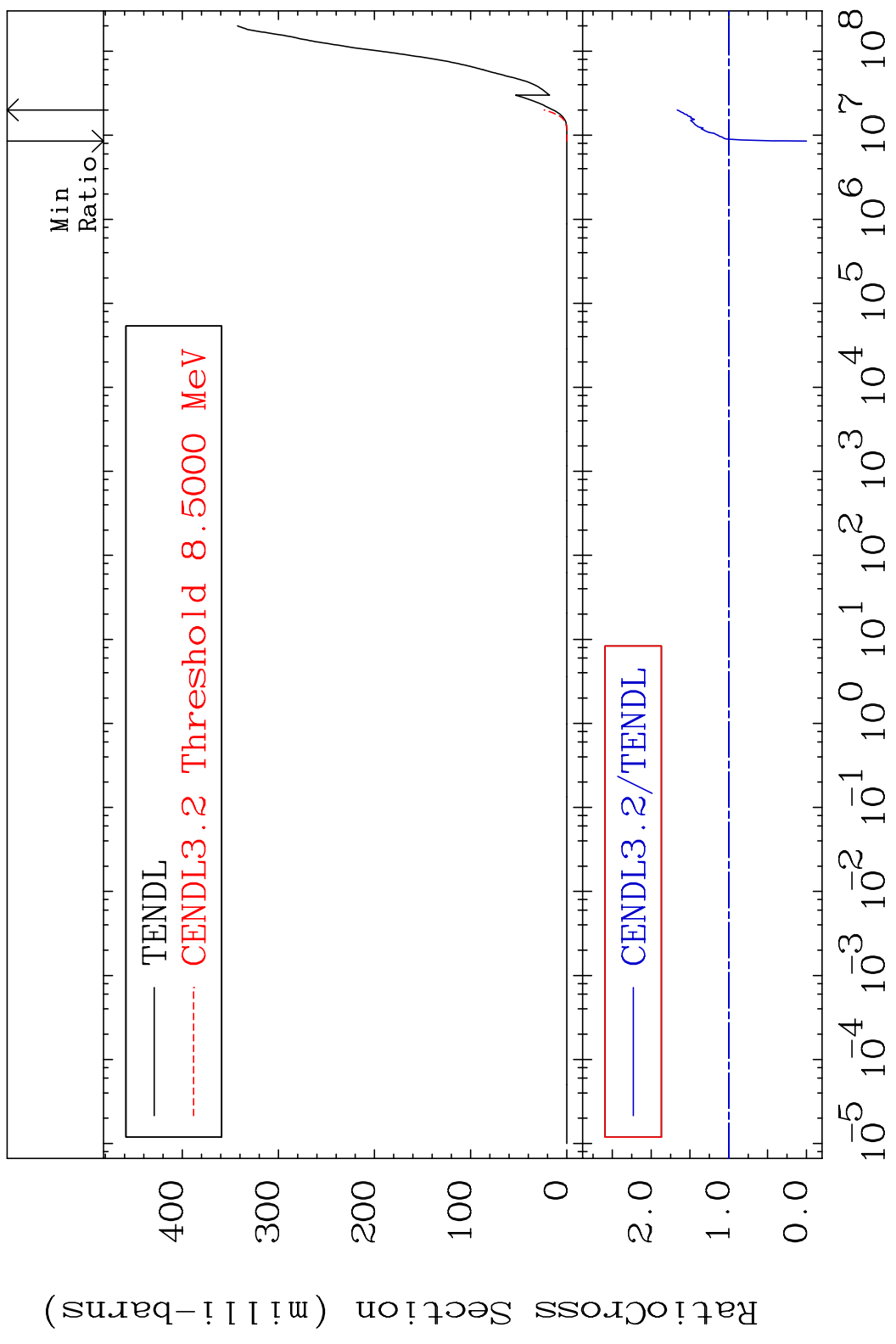
Incident Energy (eV)

94-Pu-240

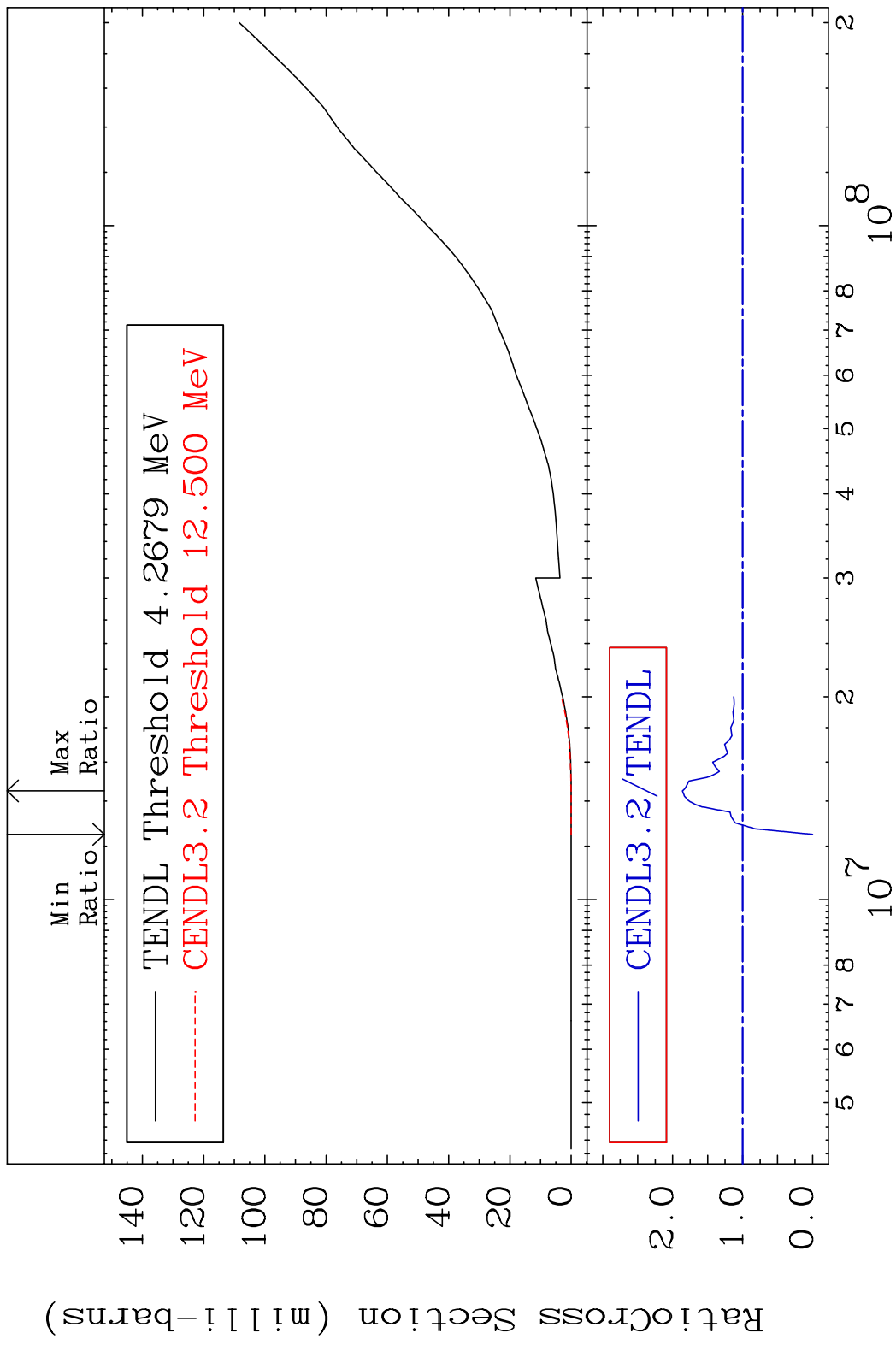
MAT 9440

Hydrogen Production  
Cross Section -100.0 To 66.49 %

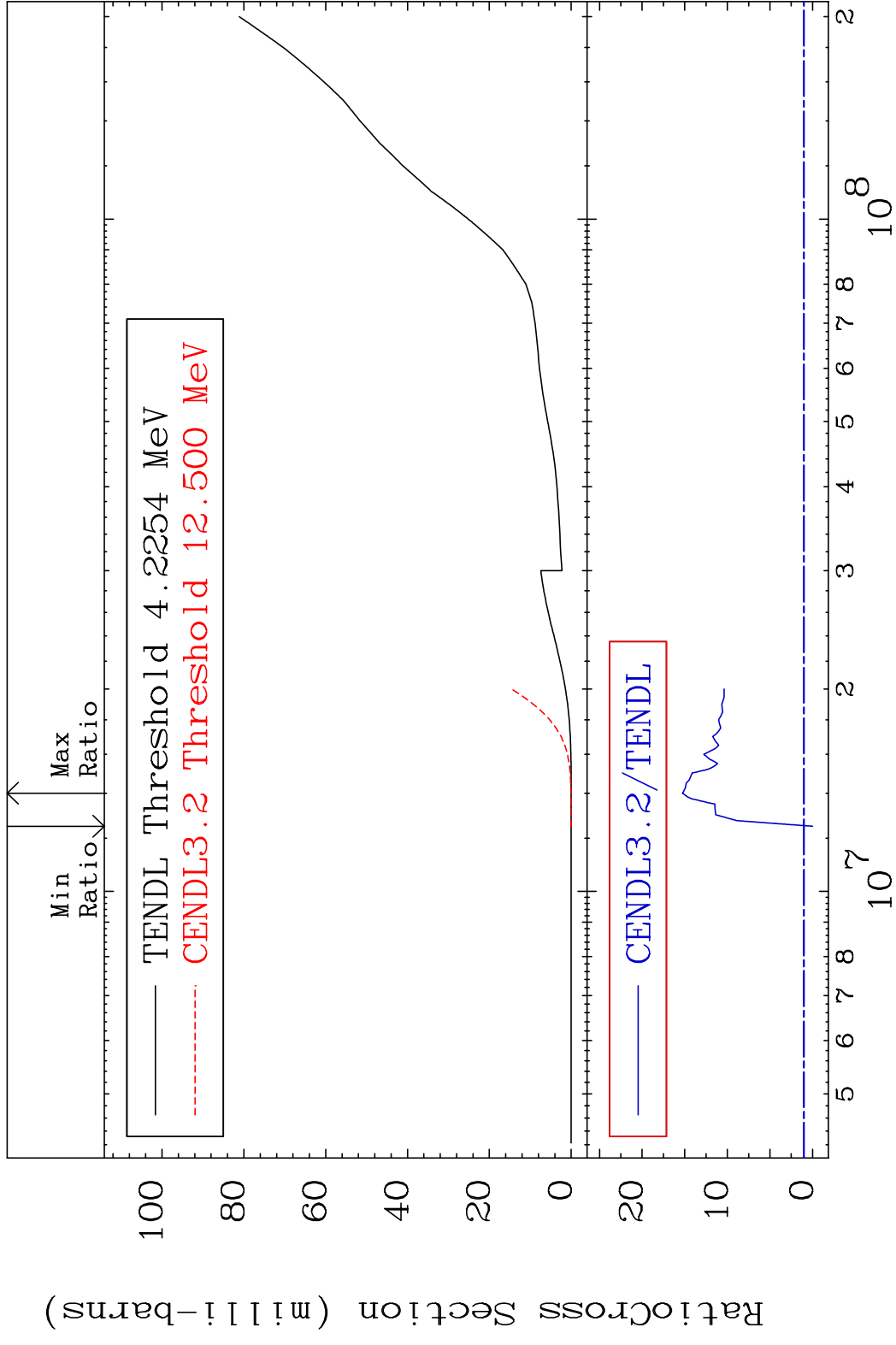
94-Pu-240



MAT 9440 Deuterium Production 94-Pu-240  
 Cross Section -100.0 To 86.17 %



MAT 9440 Tritium Production 94-Pu-240  
 Cross Section -100.0 To 1428. %

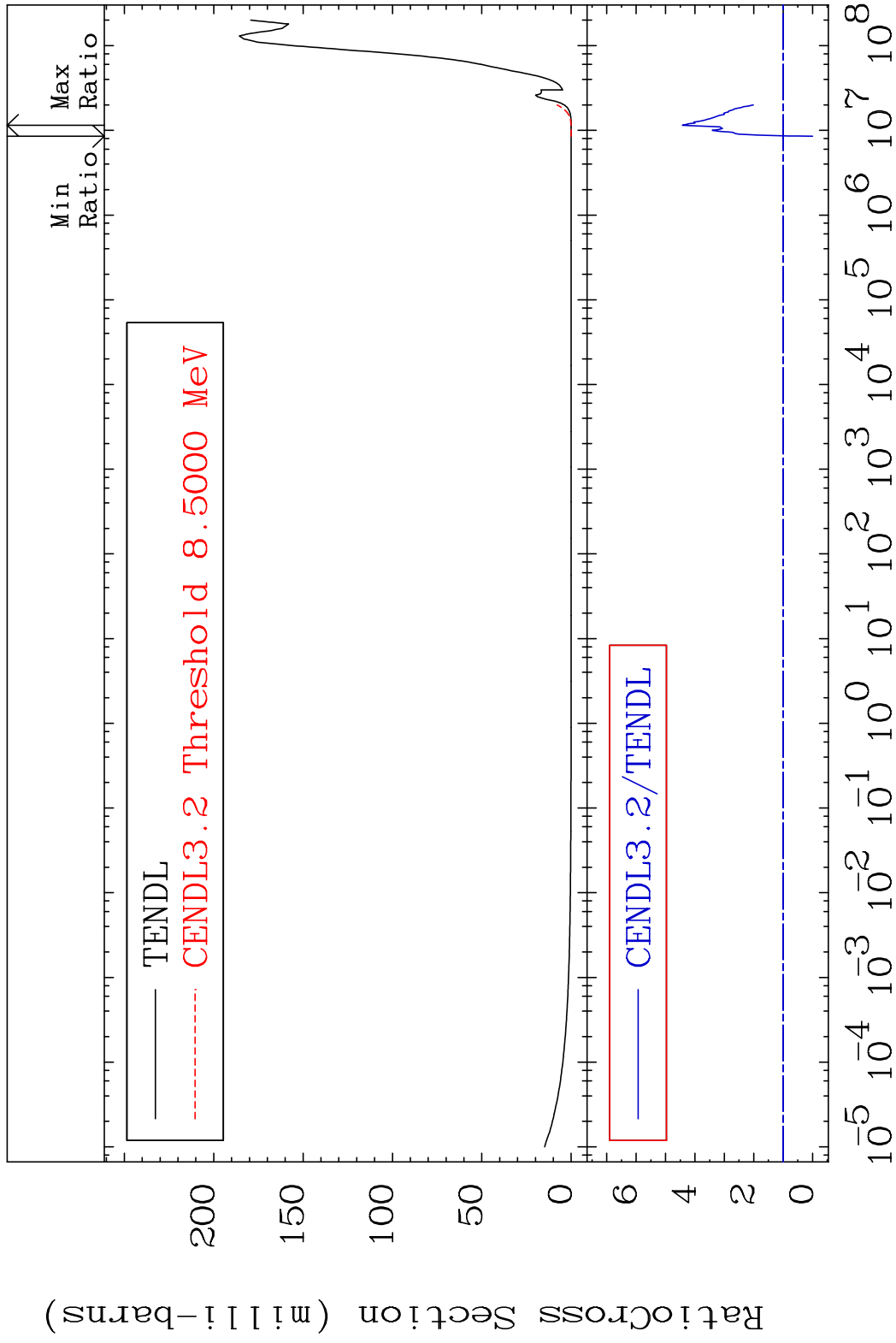


MAT 9440

He-4 Production

94-Pu-240

Cross Section -100.0 To 342.8 %



39

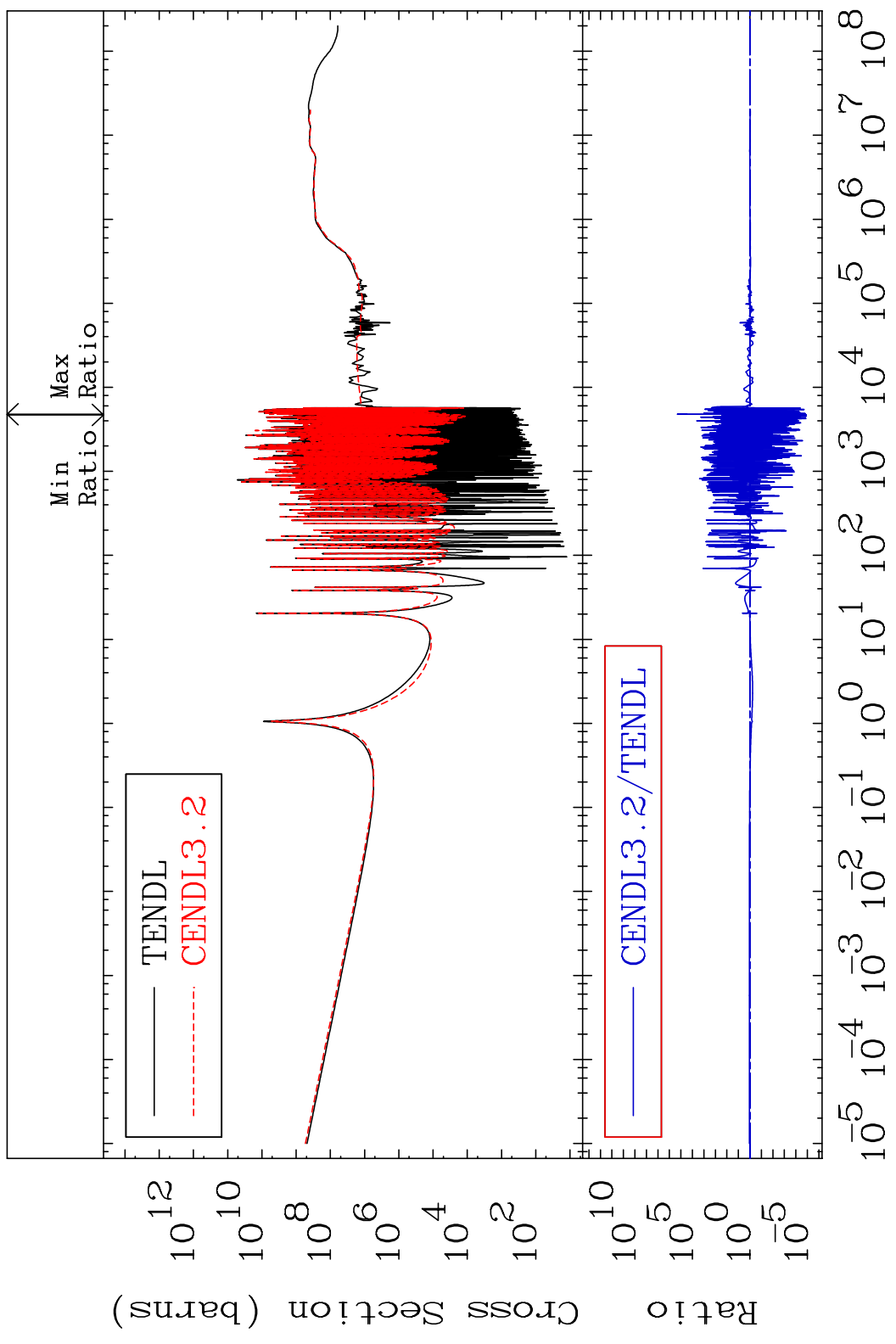
Incident Energy (eV)

94-Pu-240



MAT 9440

Kerma total (eV-barns) 94-Pu-240  
Cross Section -100.0 To 9999. %

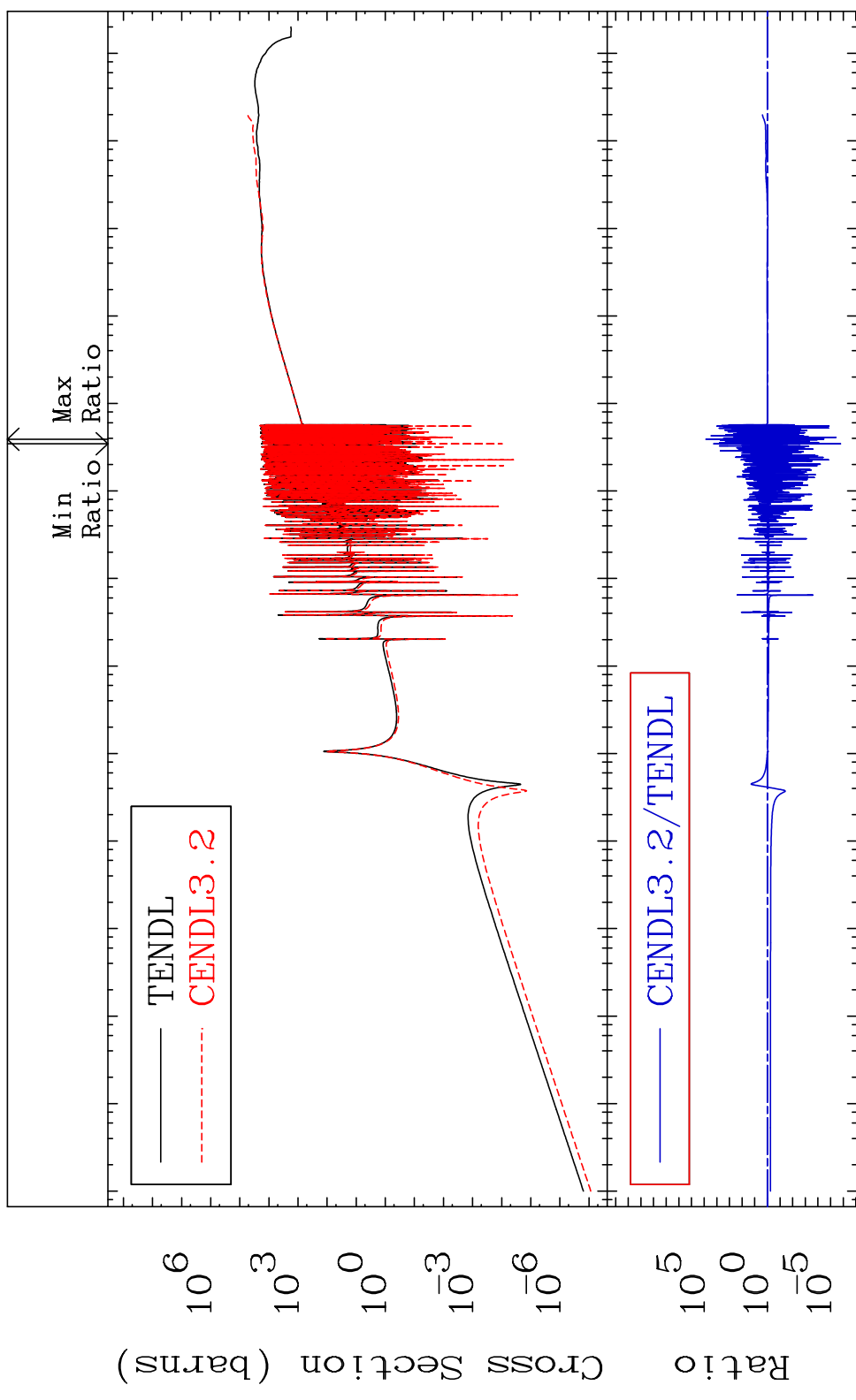


40

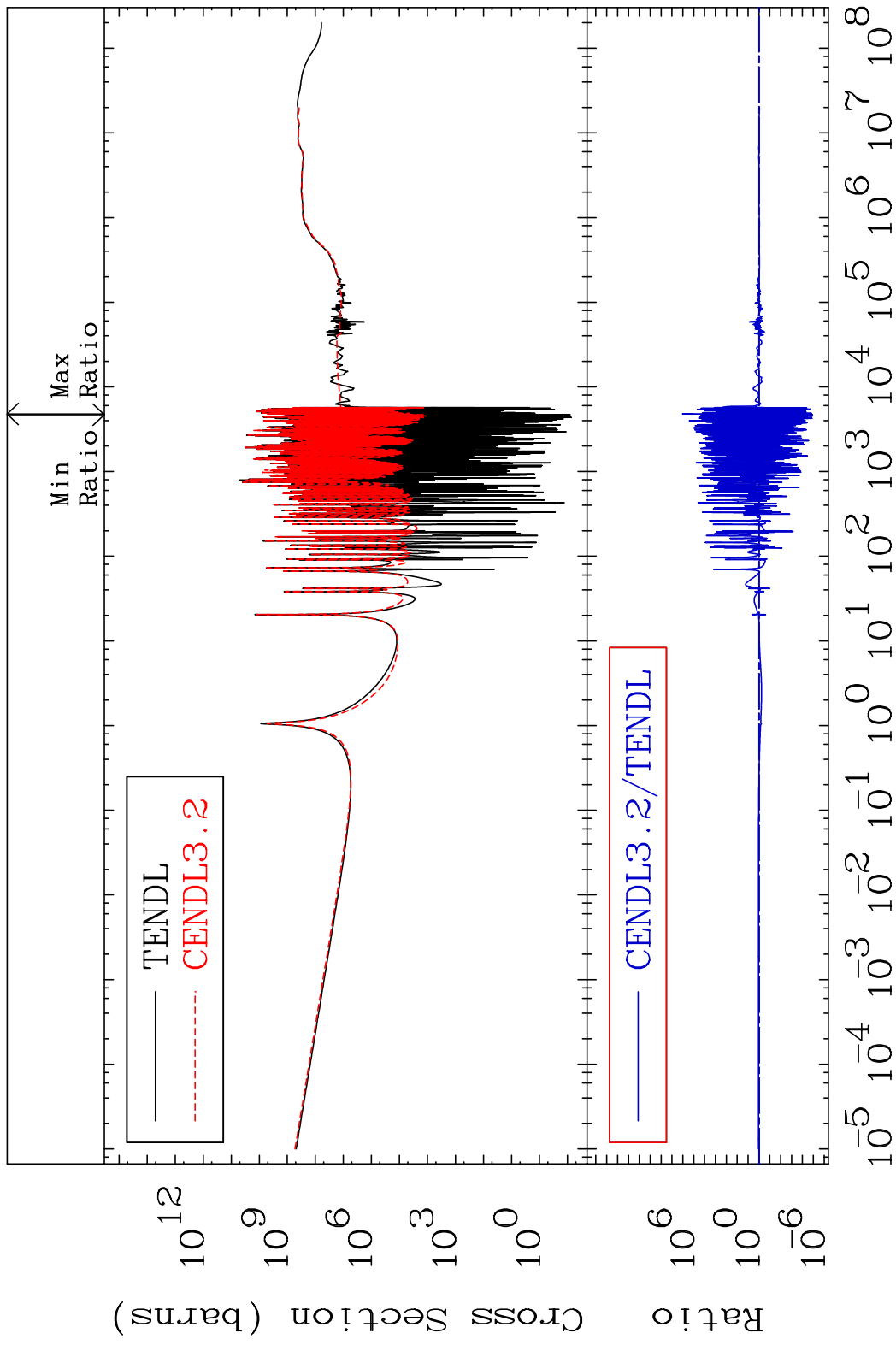
Incident Energy (eV) 94-Pu-240

MAT 9440

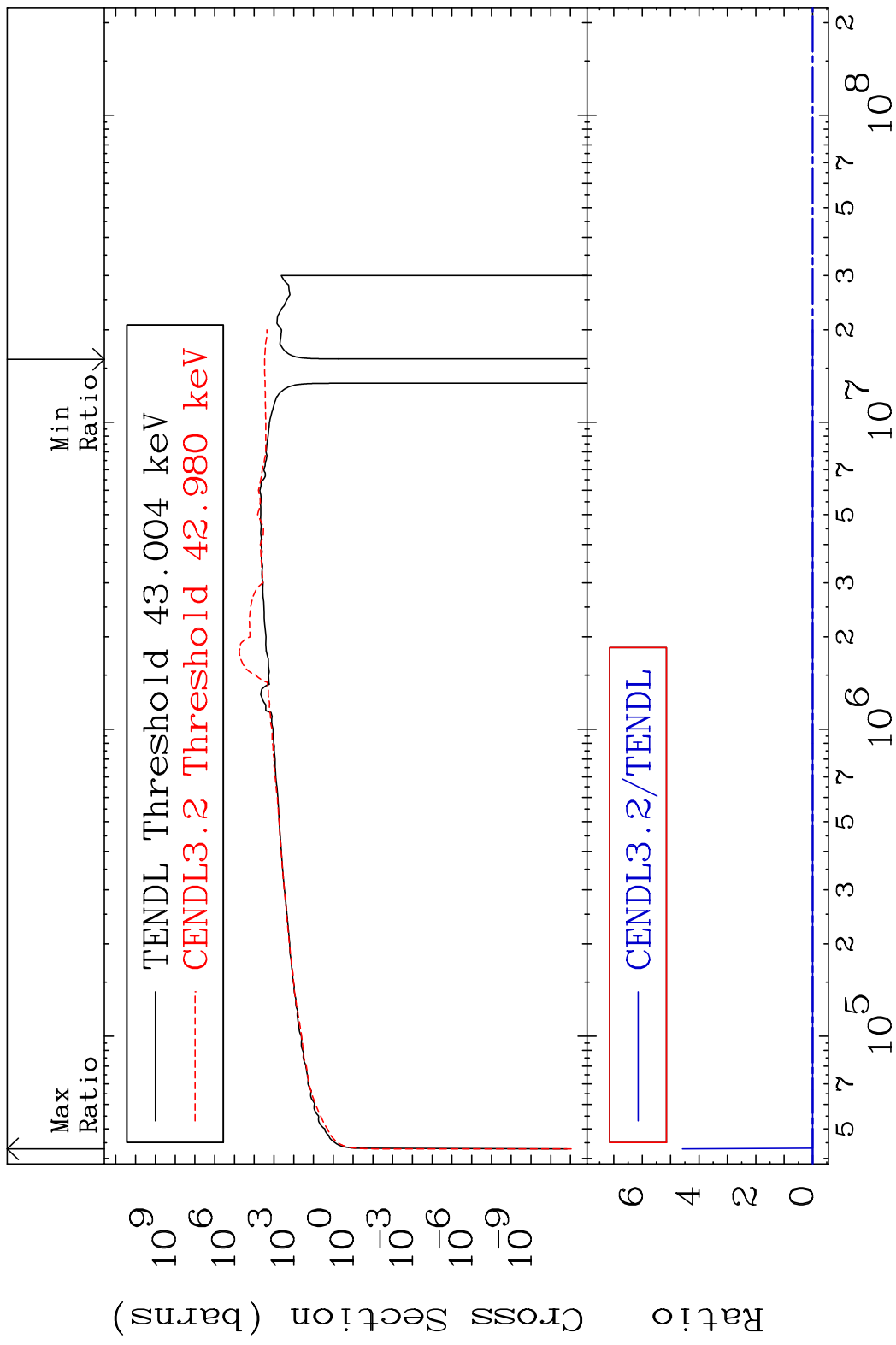
Kerma elastic  
Cross Section -100.0 To 9999. %  
94-Pu-240



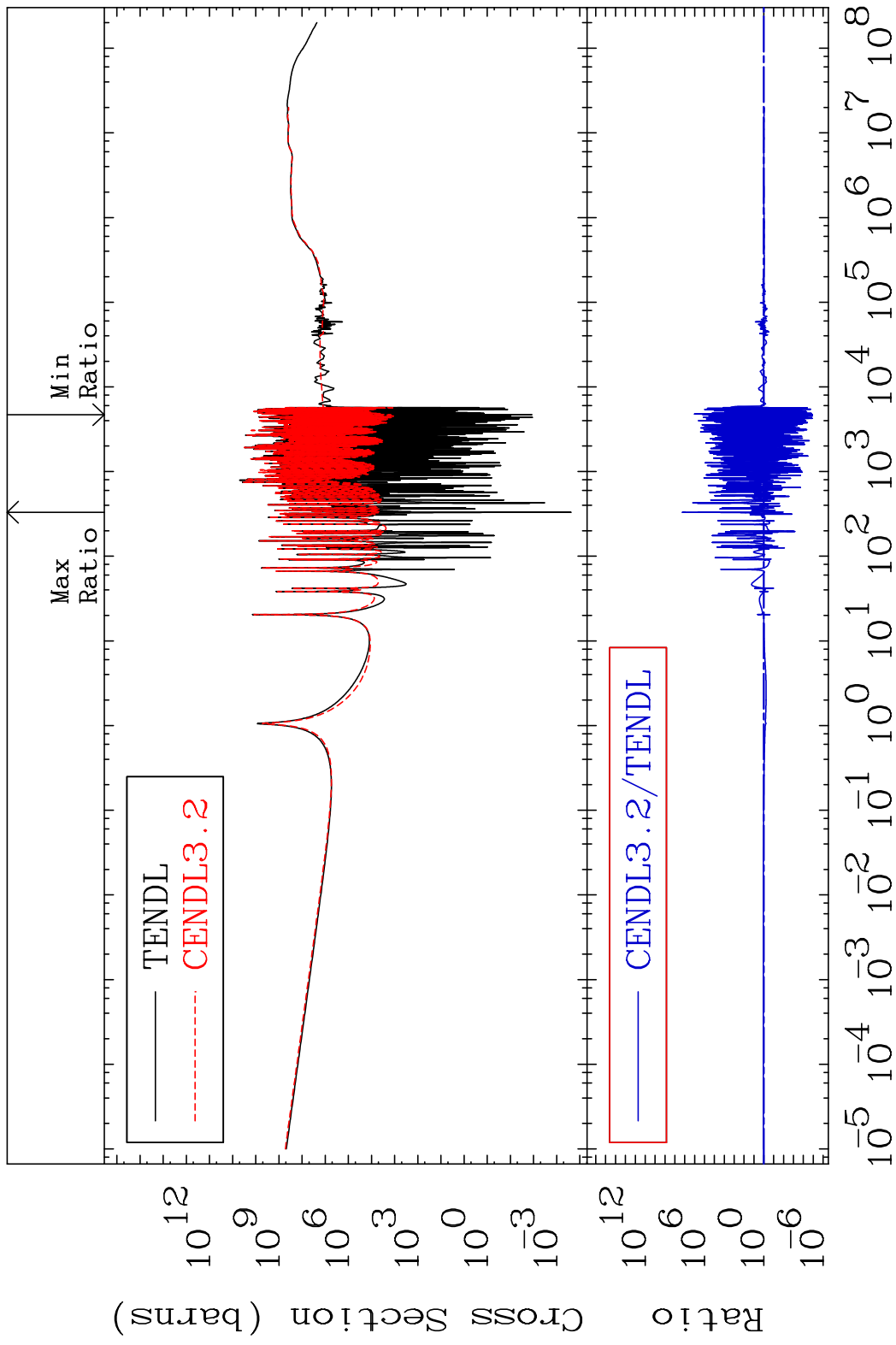
MAT 9440 Kerma non-elastic (all but mt2) 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440 Kerma inelastic (mt51-91) 94-Pu-240  
 Cross Section -9999. To 9999. %

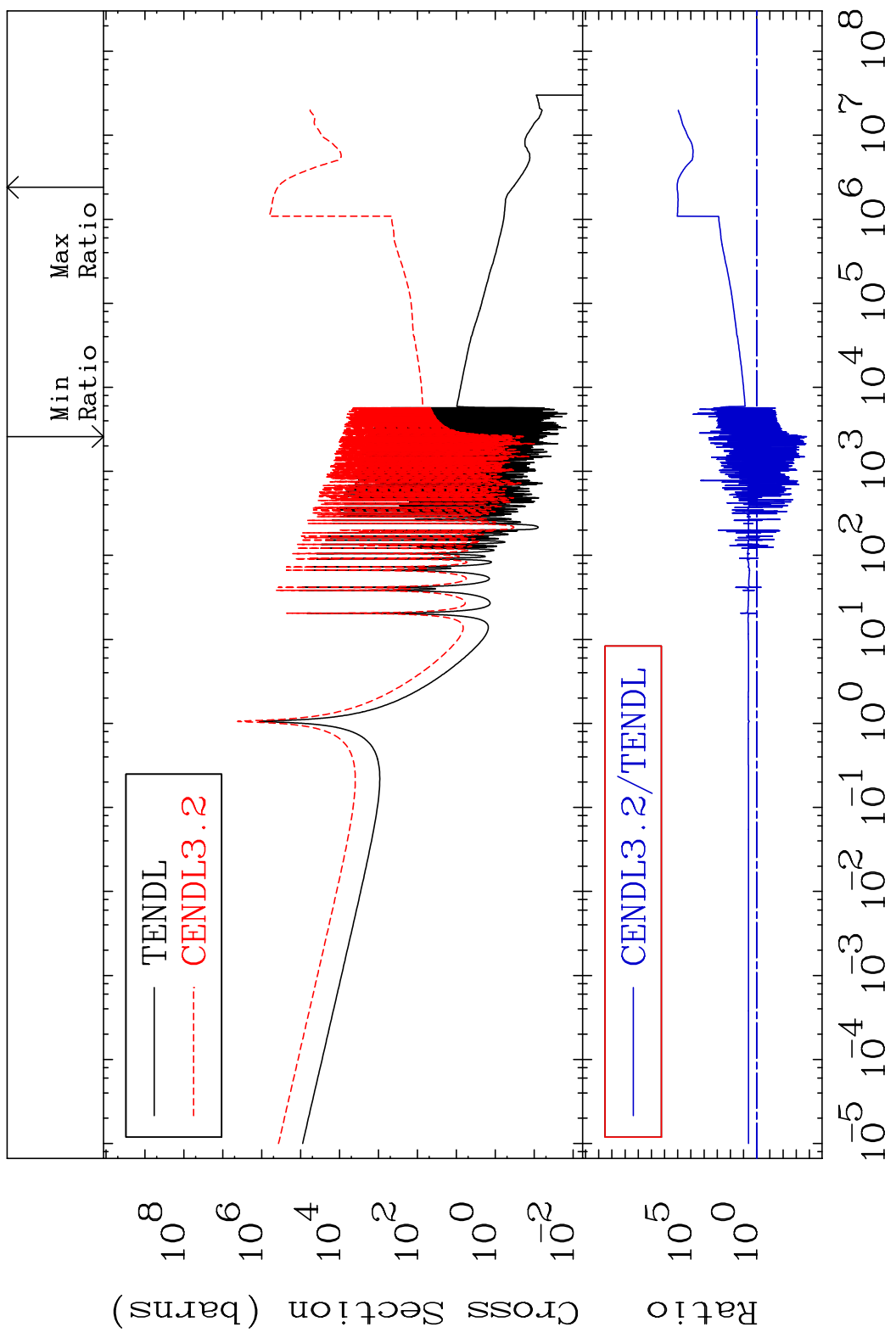


MAT 9440 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-240  
 Cross Section -100.0 To 9999. %

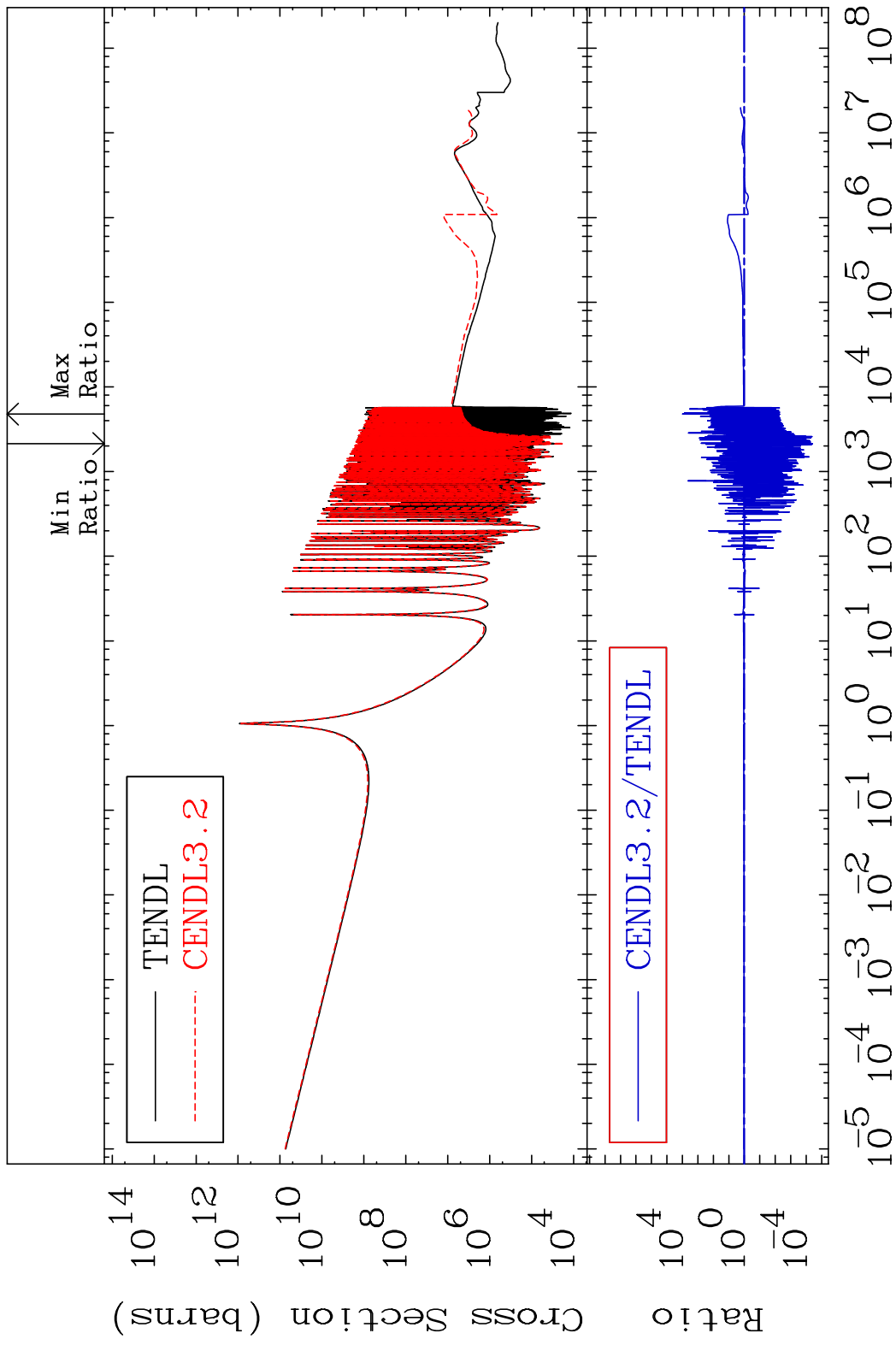


MAT 9440

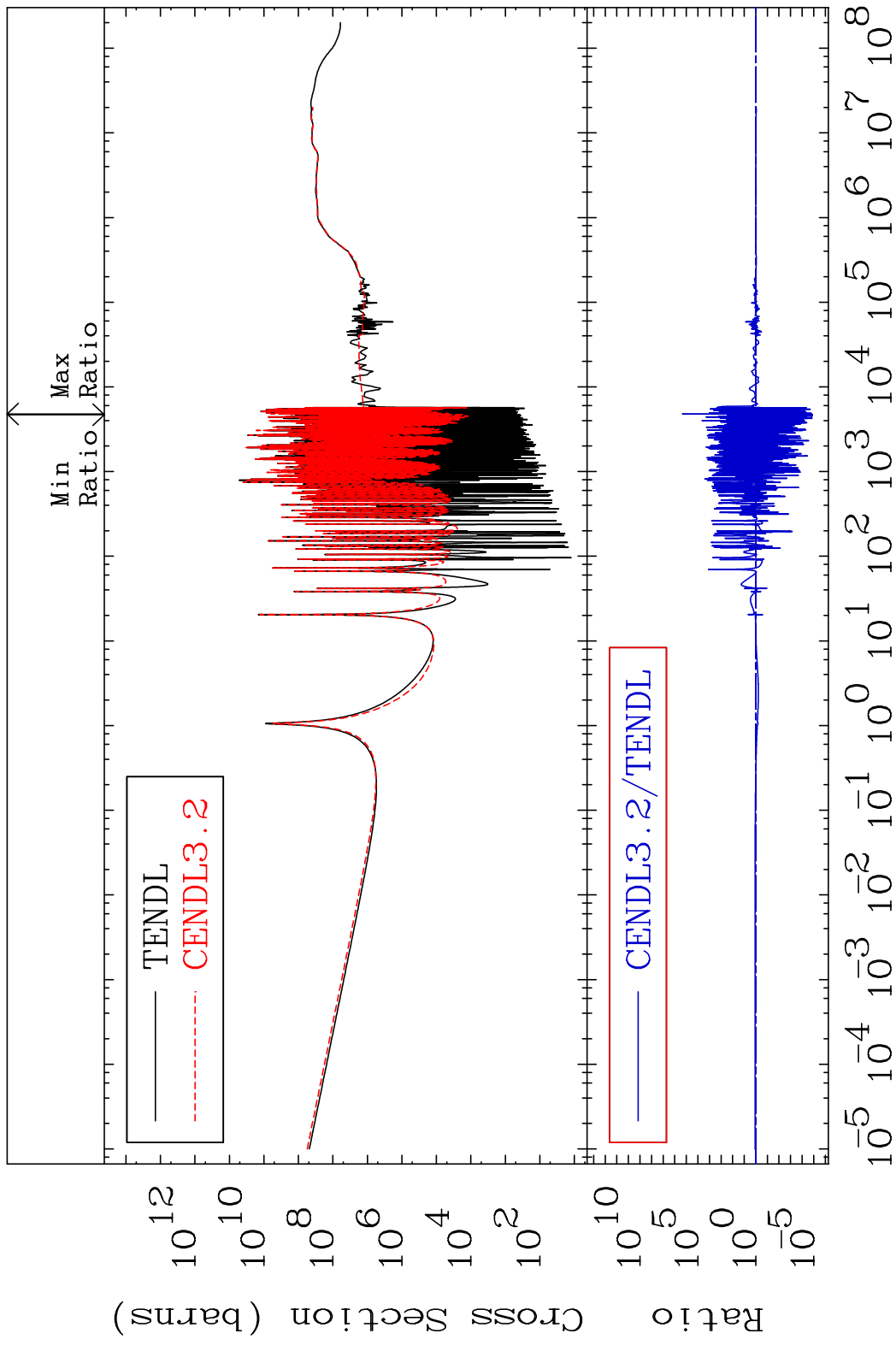
Kerma capture (mt102) 94-Pu-240  
Cross Section -99.98 To 9999. %



MAT 9440 Total photon (eV-barns) 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440 Total kinematic kerma (high limit) 94-Pu-240  
 Cross Section -100.0 To 9999. %



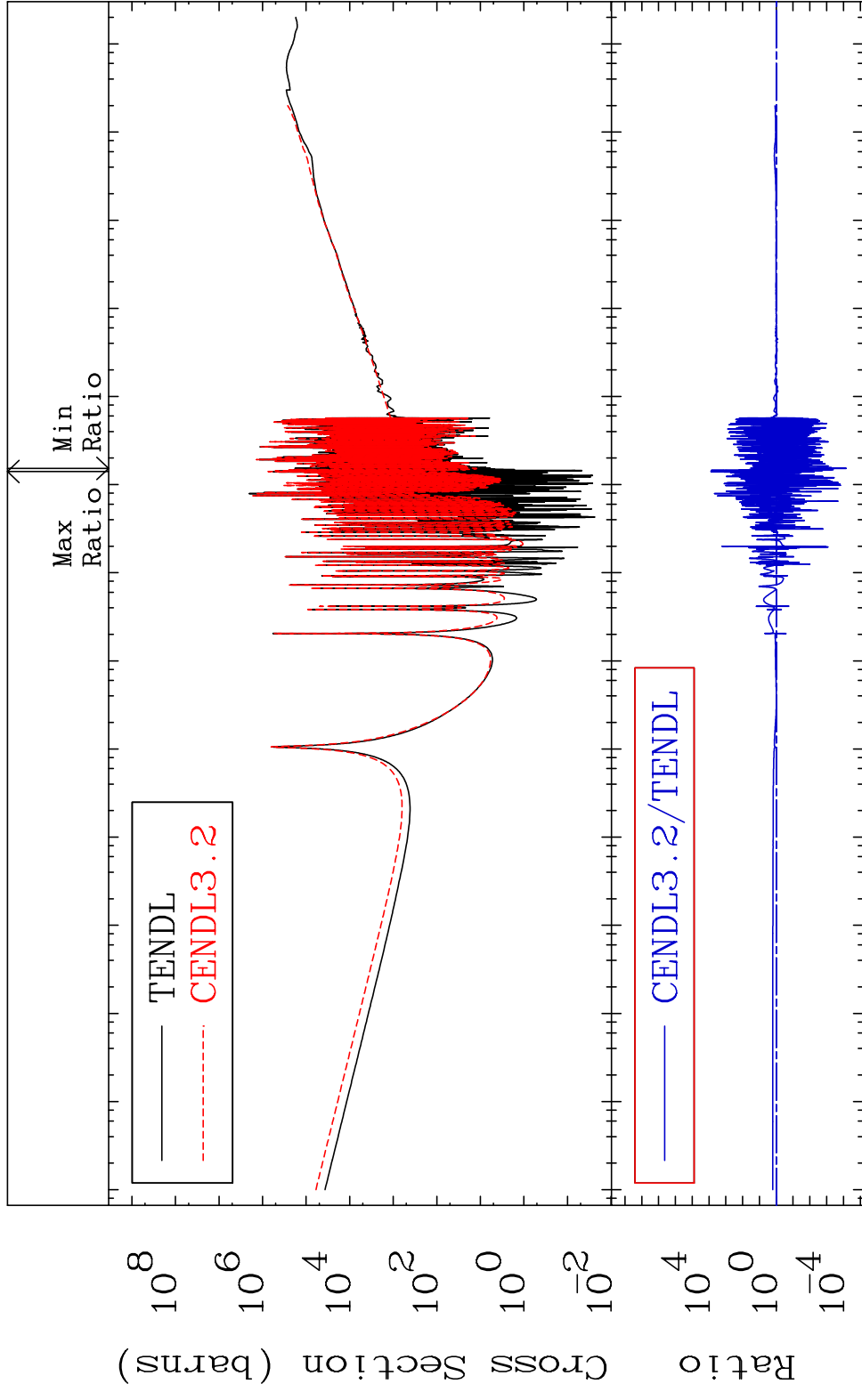


MAT 9440

Dpa total (eV-barns)

94-Pu-240

Cross Section -99.99 To 9999. %

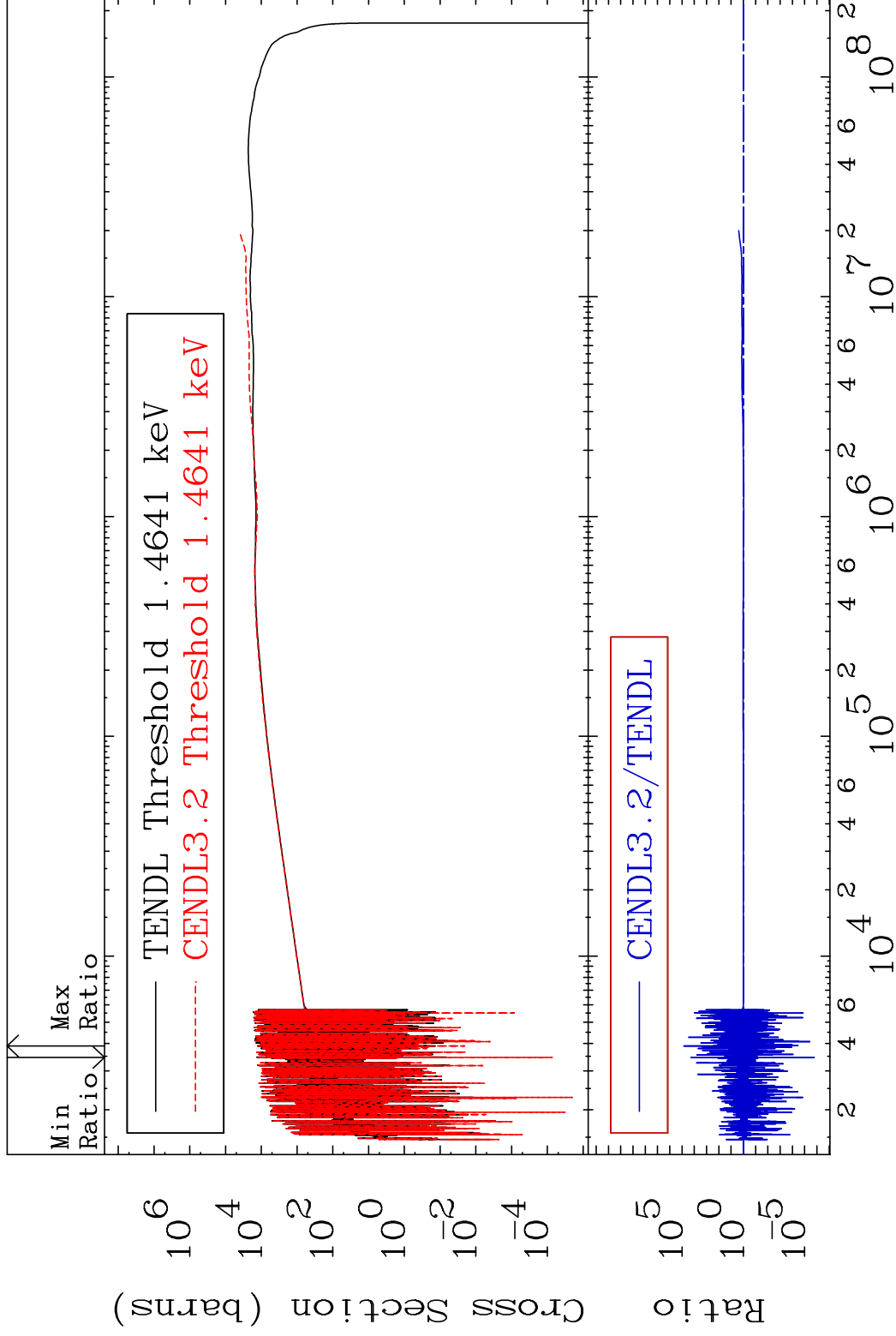


MAT 9440

Dpa elastic (mt2)

94-Pu-240

Cross Section -100.0 To 9999. %

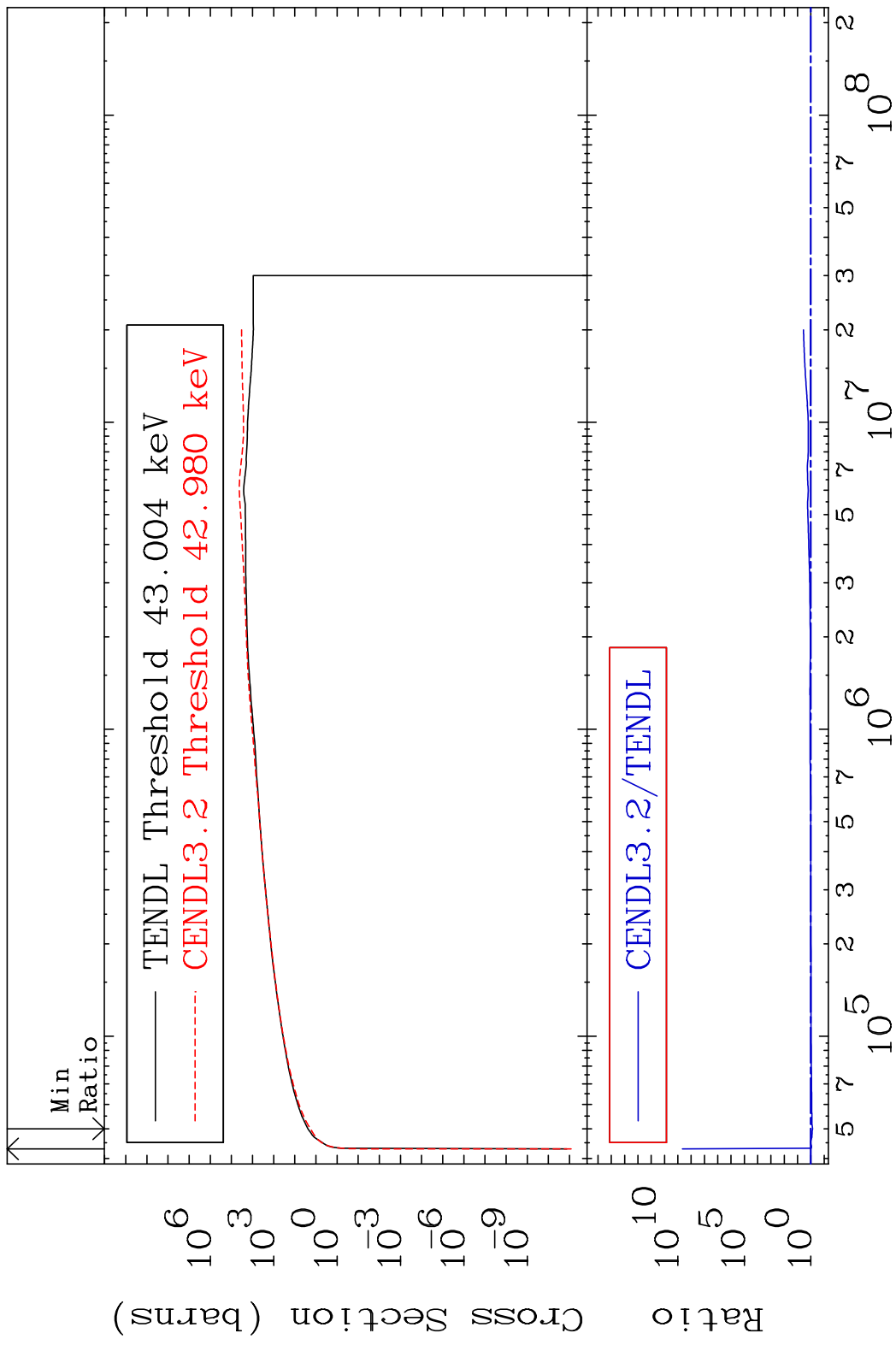


49

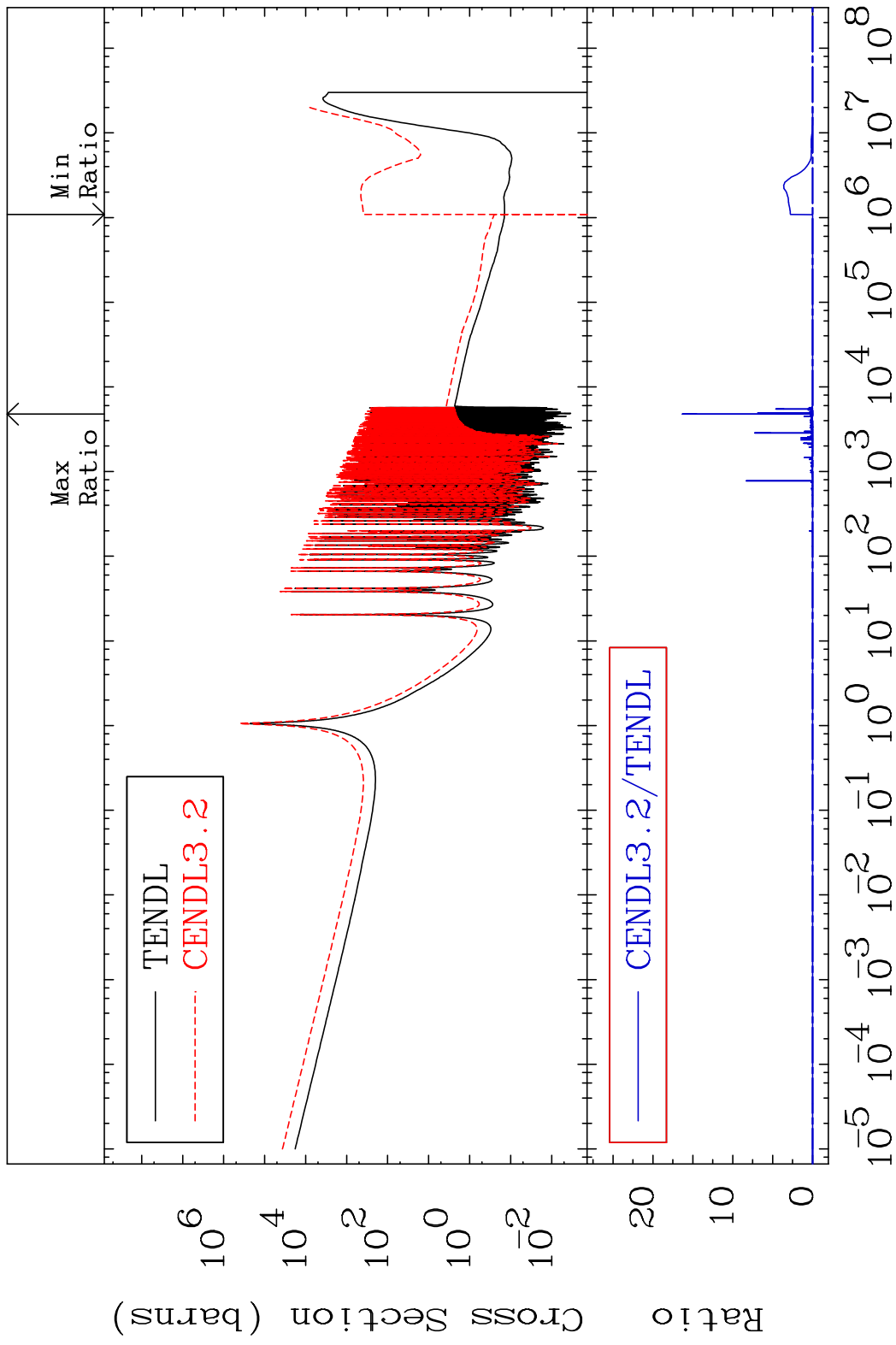
Incident Energy (eV)

94-Pu-240

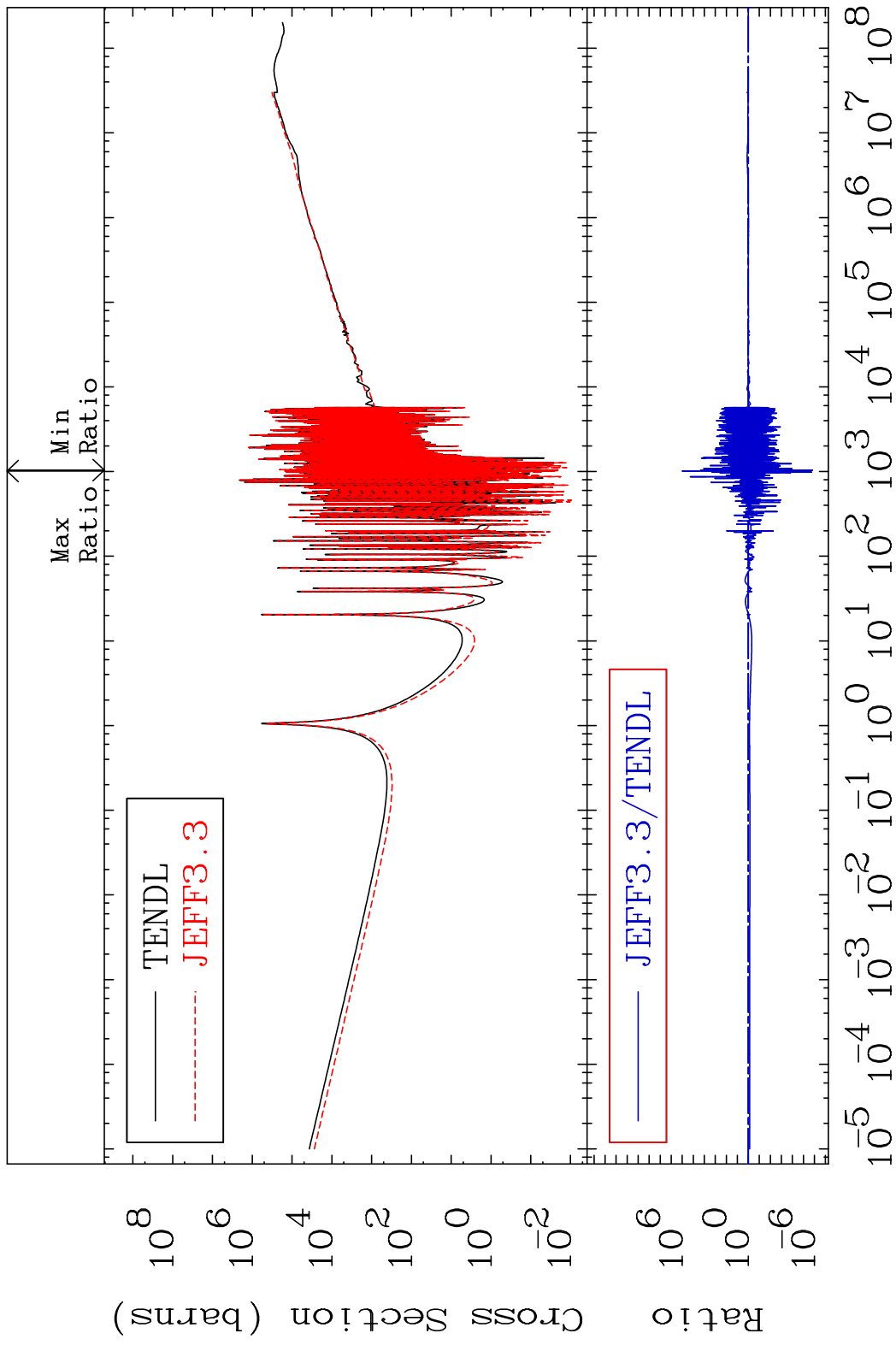
MAT 9440 Dpa inelastic (mt51-91) 94-Pu-240  
 Cross Section -25.70 To 9999. %



MAT 9440 Dpa disappearance (mt102 -120) 94-Pu-240  
 Cross Section -100.0 To 9999. %



MAT 9440      Dpa total (eV-barns)      94-Pu-240  
 Cross Section      -100.0 To 9999. %

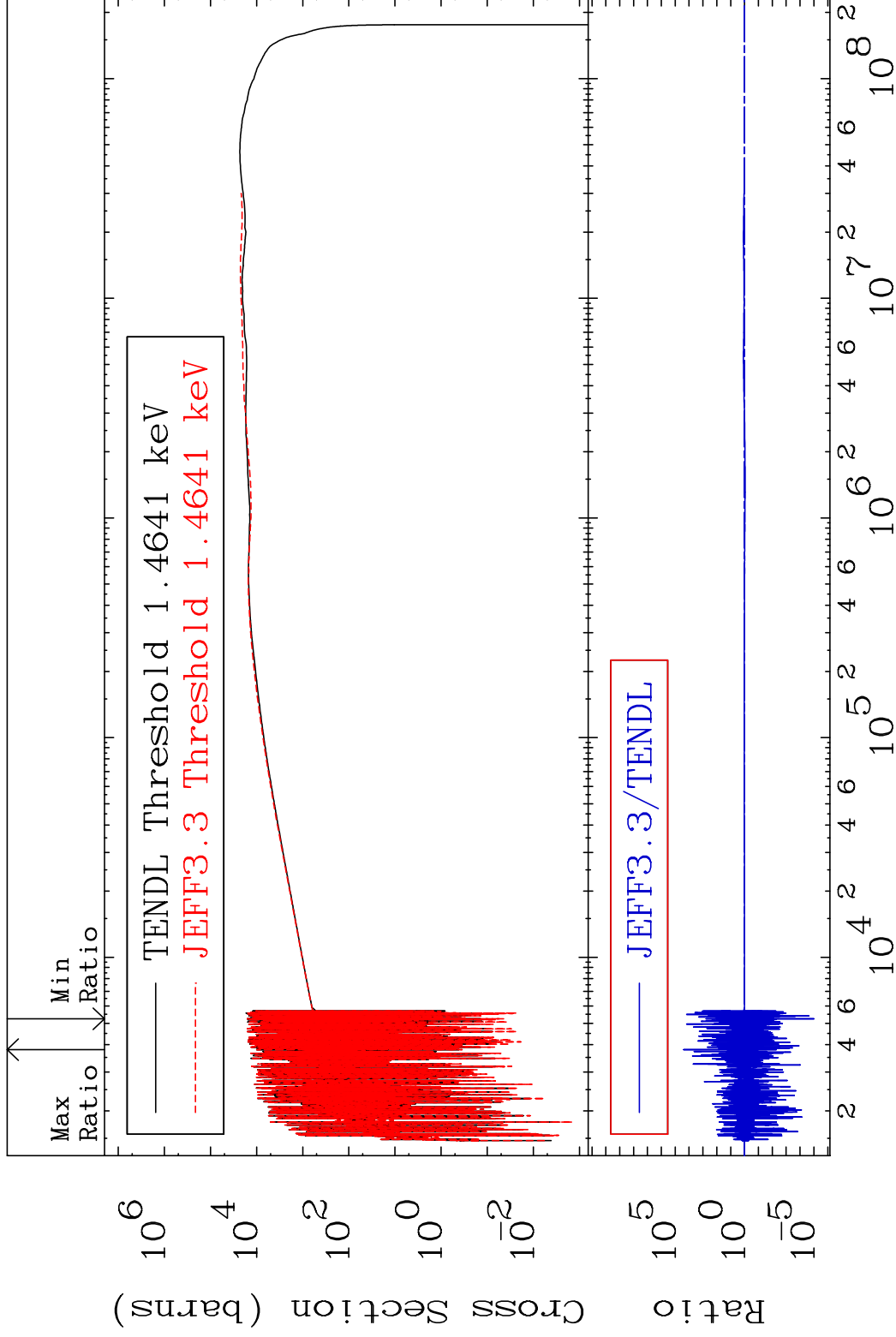


MAT 9440

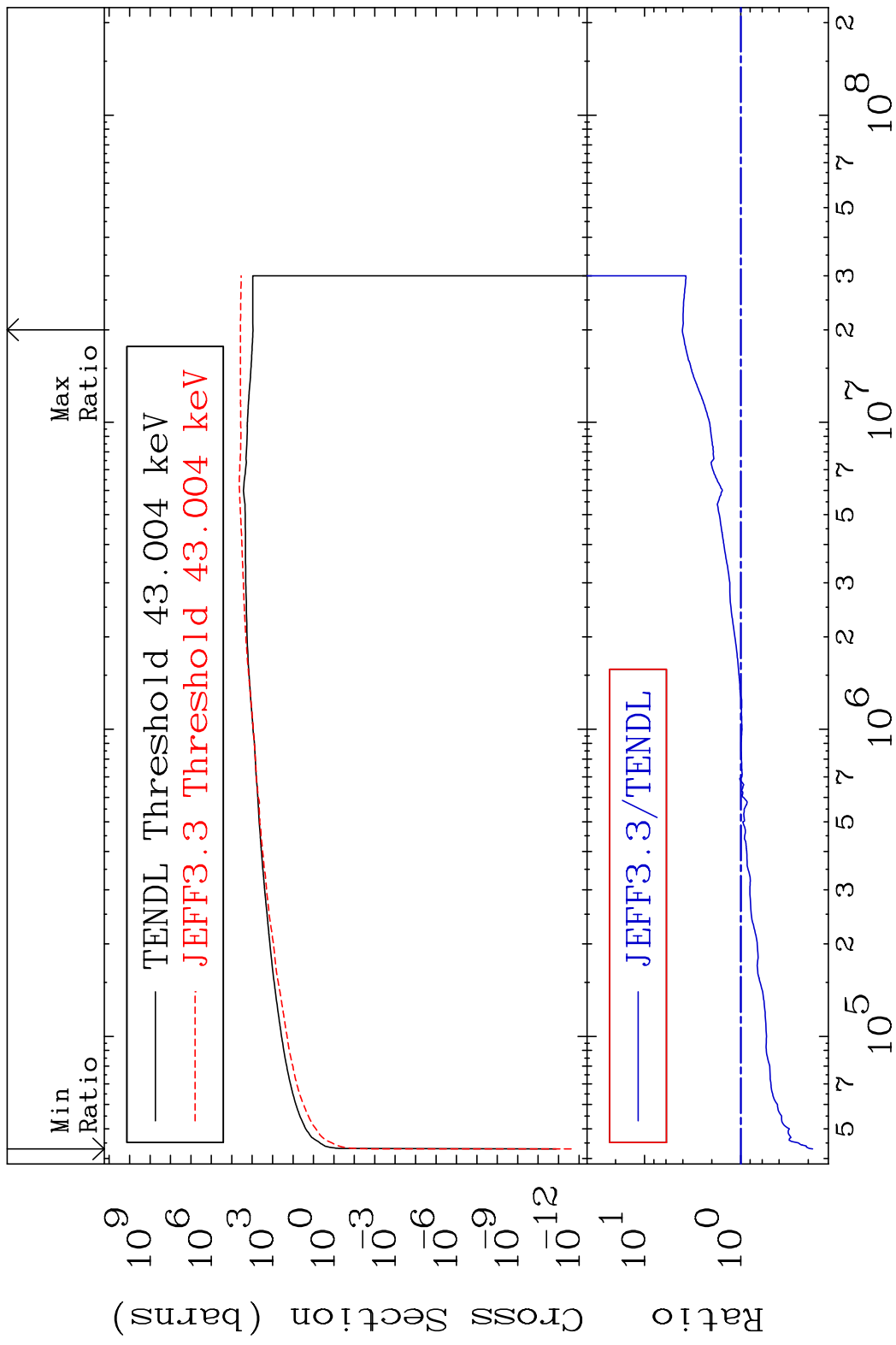
Dpa elastic (mt2)

94-Pu-240

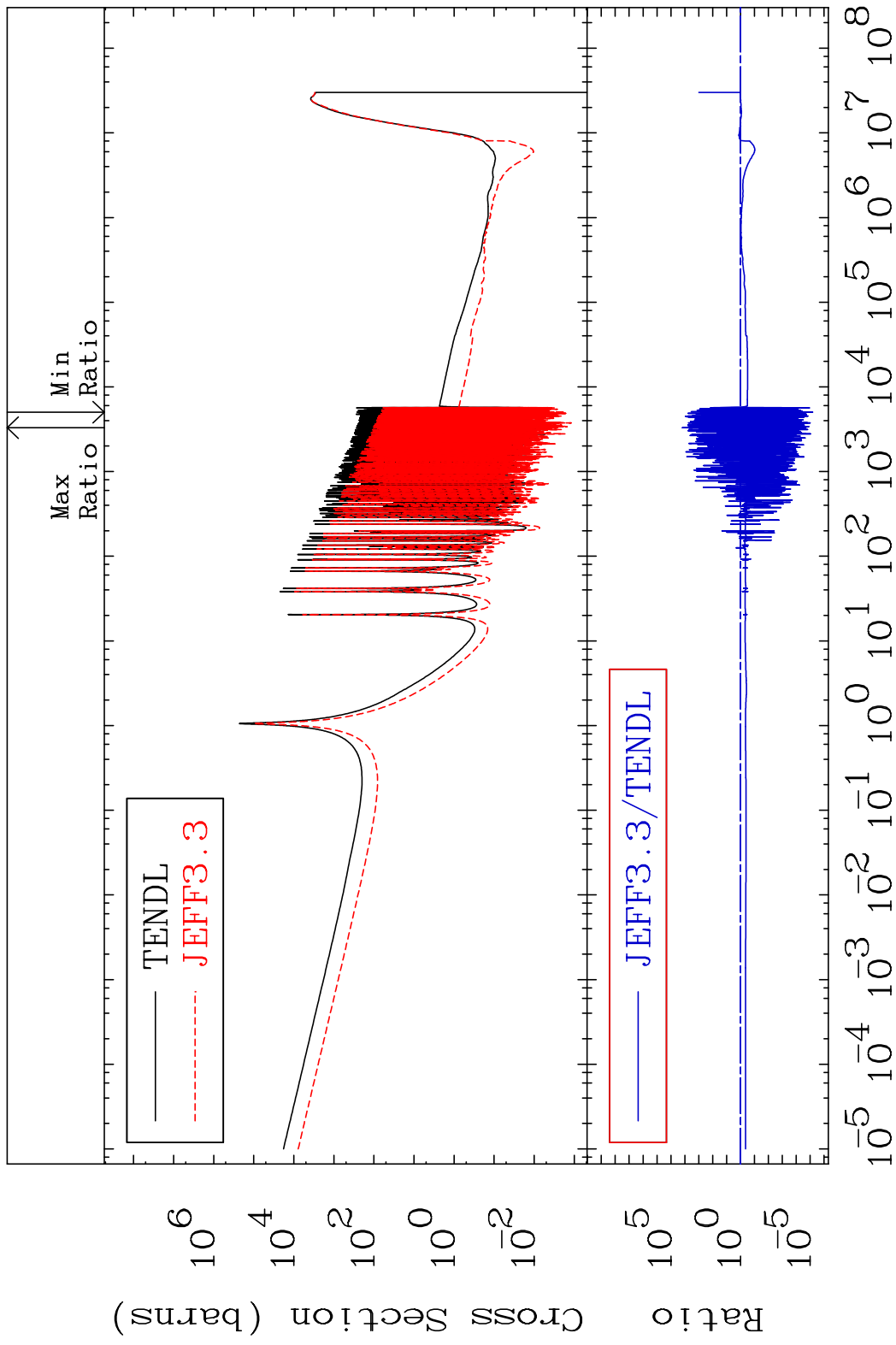
Cross Section -100.0 To 9999. %



MAT 9440      Dpa inelastic (mt51-91)      94-Pu-240  
 Cross Section      -81.99 To 305.4 %

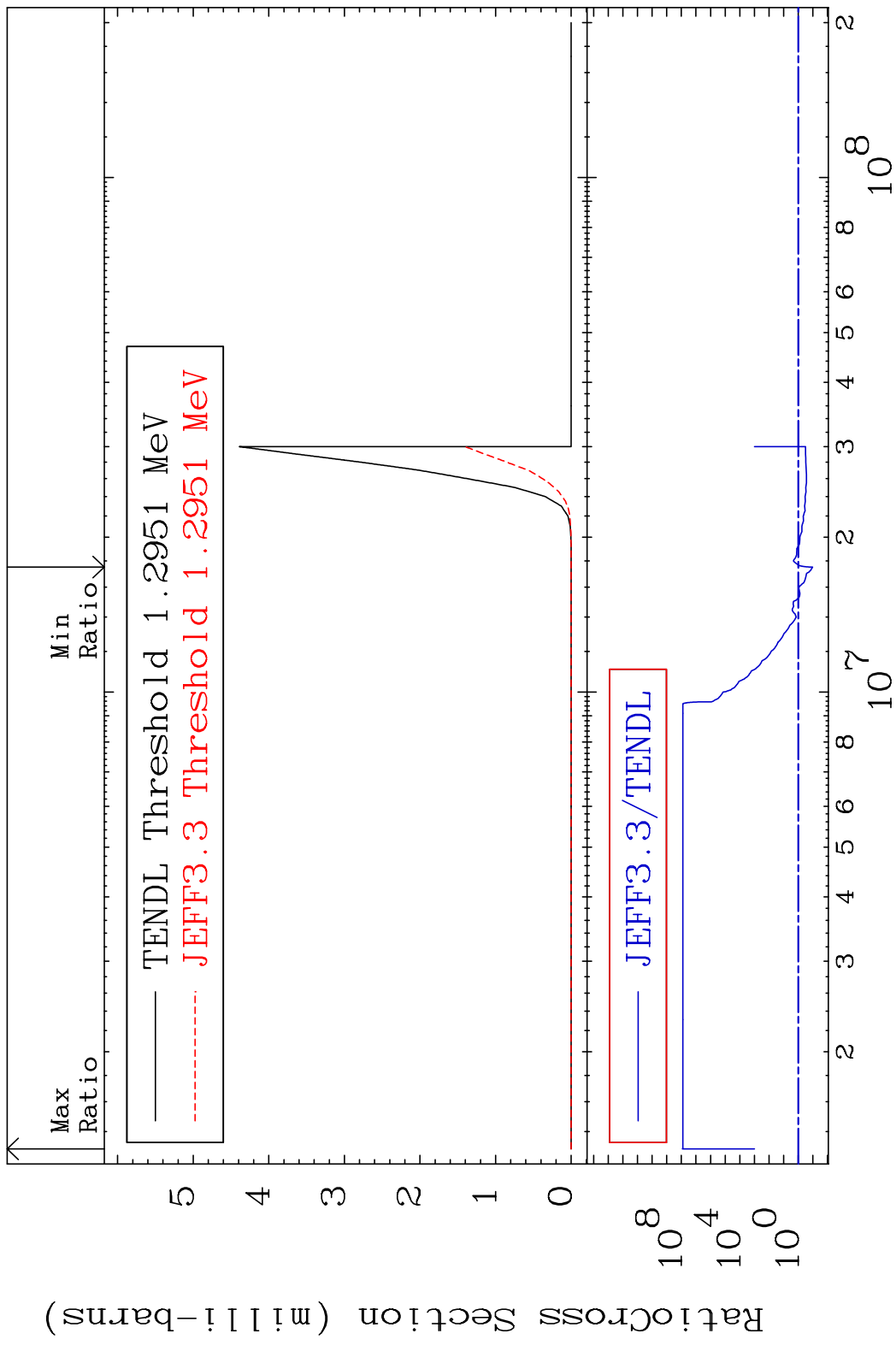


MAT 9440 Dpa disappearance (mt102 -120) 94-Pu-240  
 Cross Section -100.0 To 9999. %





MAT 9440 (n,2n)  $\alpha$ :92-U-235g 94-Pu-240  
 Radionuclide Production Cross Section Efficiency 9999. %



MAT 9440 (n,2n)  $\alpha$ :92-U -235m1 94-Pu-240  
 Radionuclide Production Cross Section to 9999. %

