

Program Complot
(Version 2021-1)

by

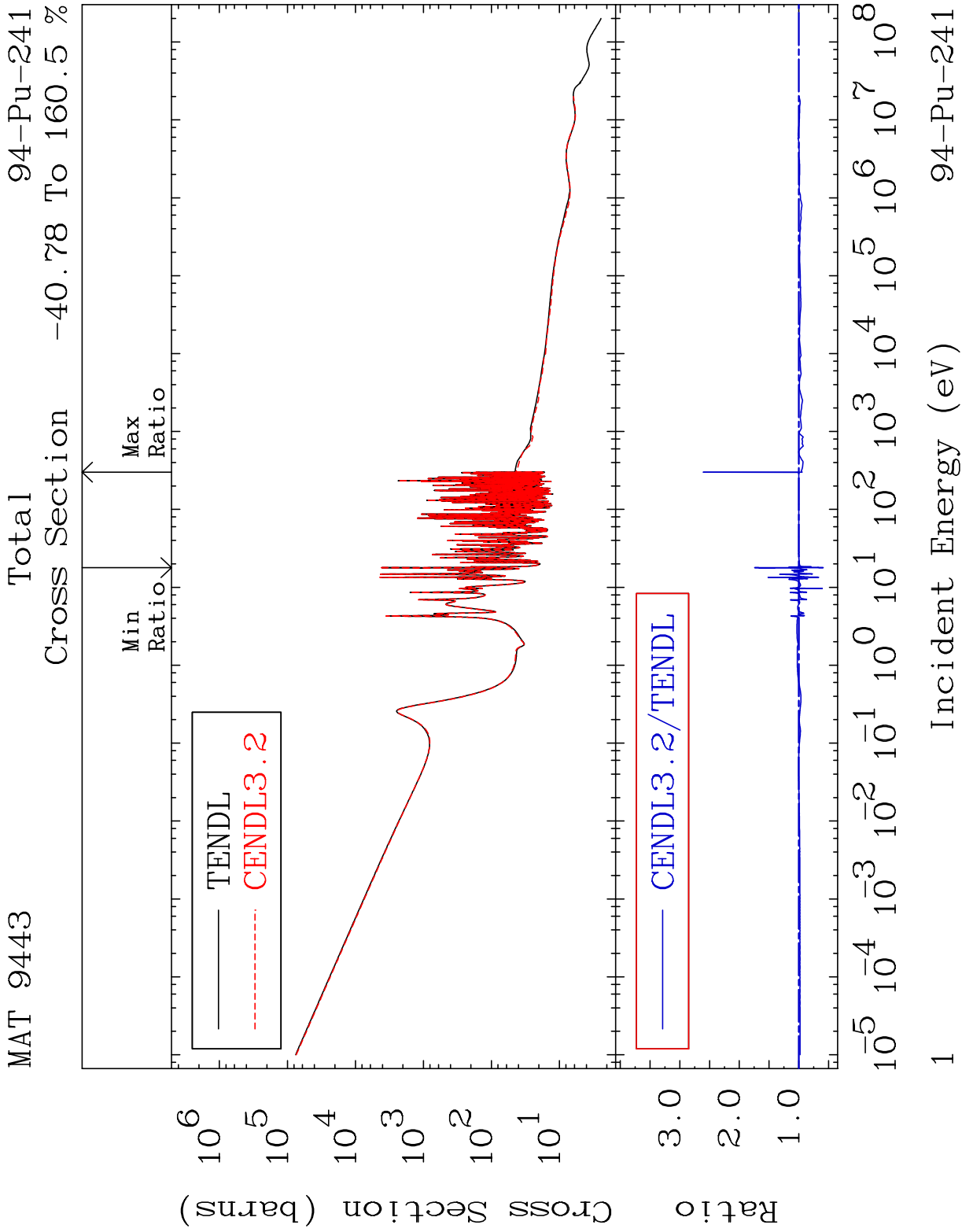
Dermott E. Cullen
(Present Contact Information)

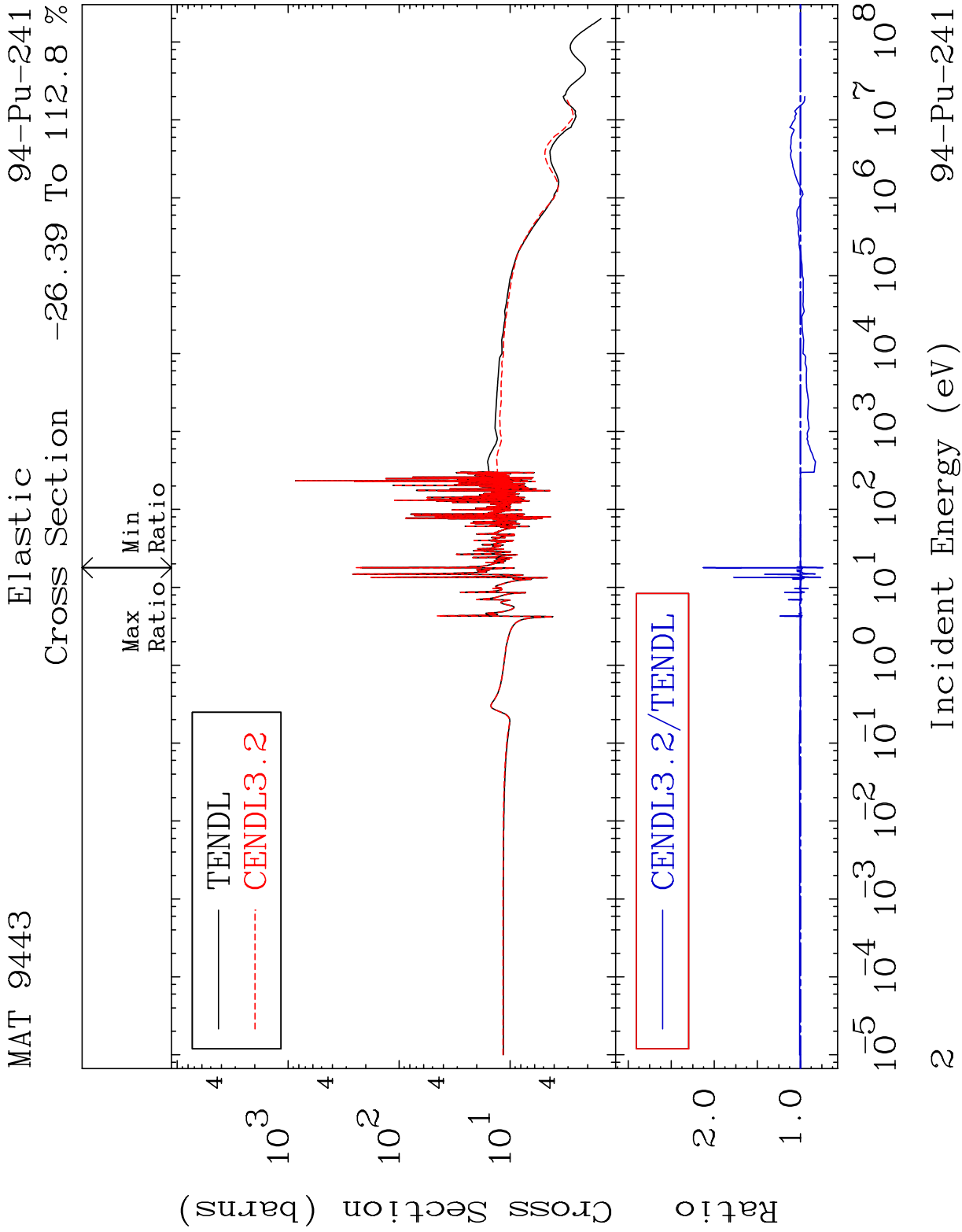
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

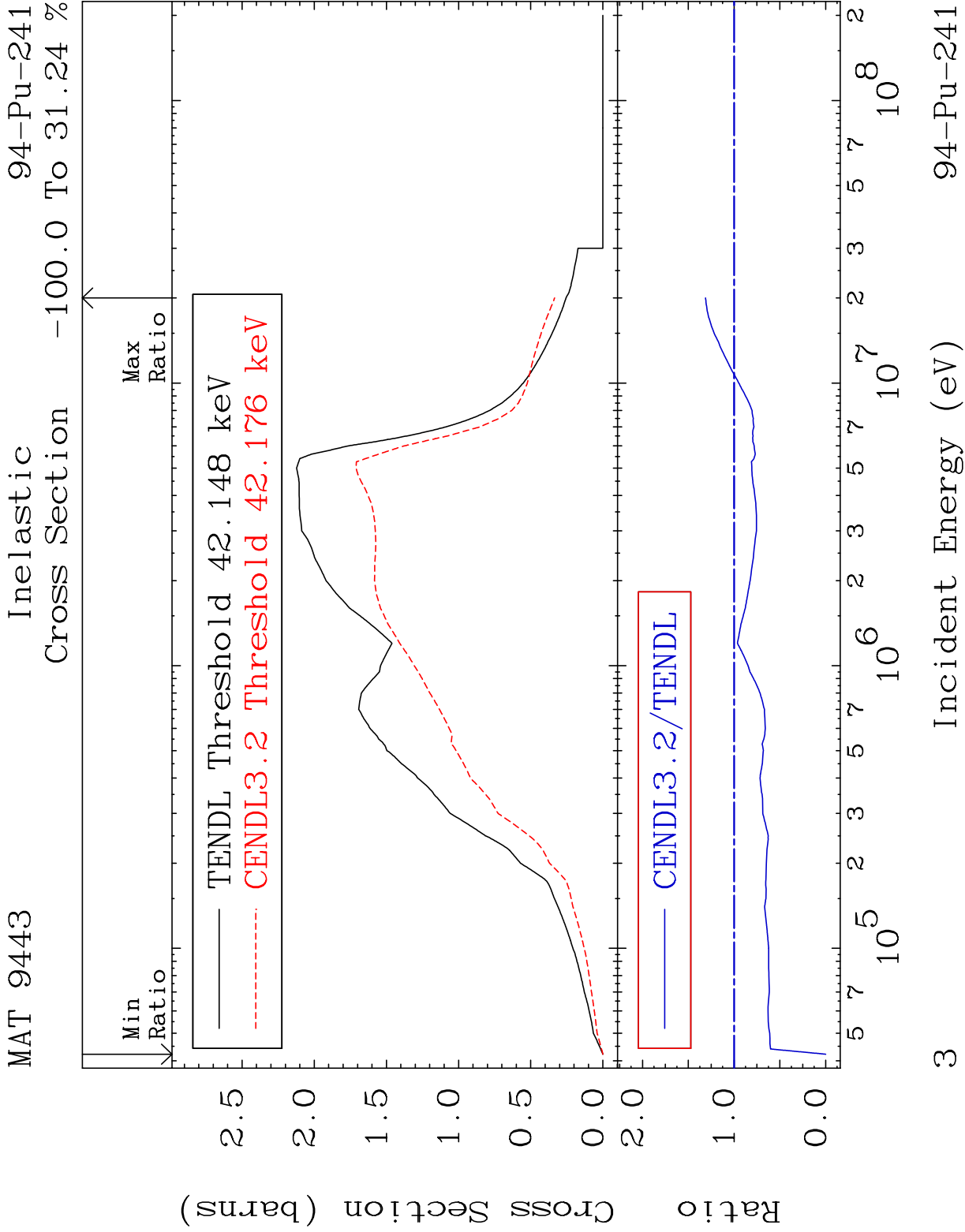
Tele: 925-443-1911

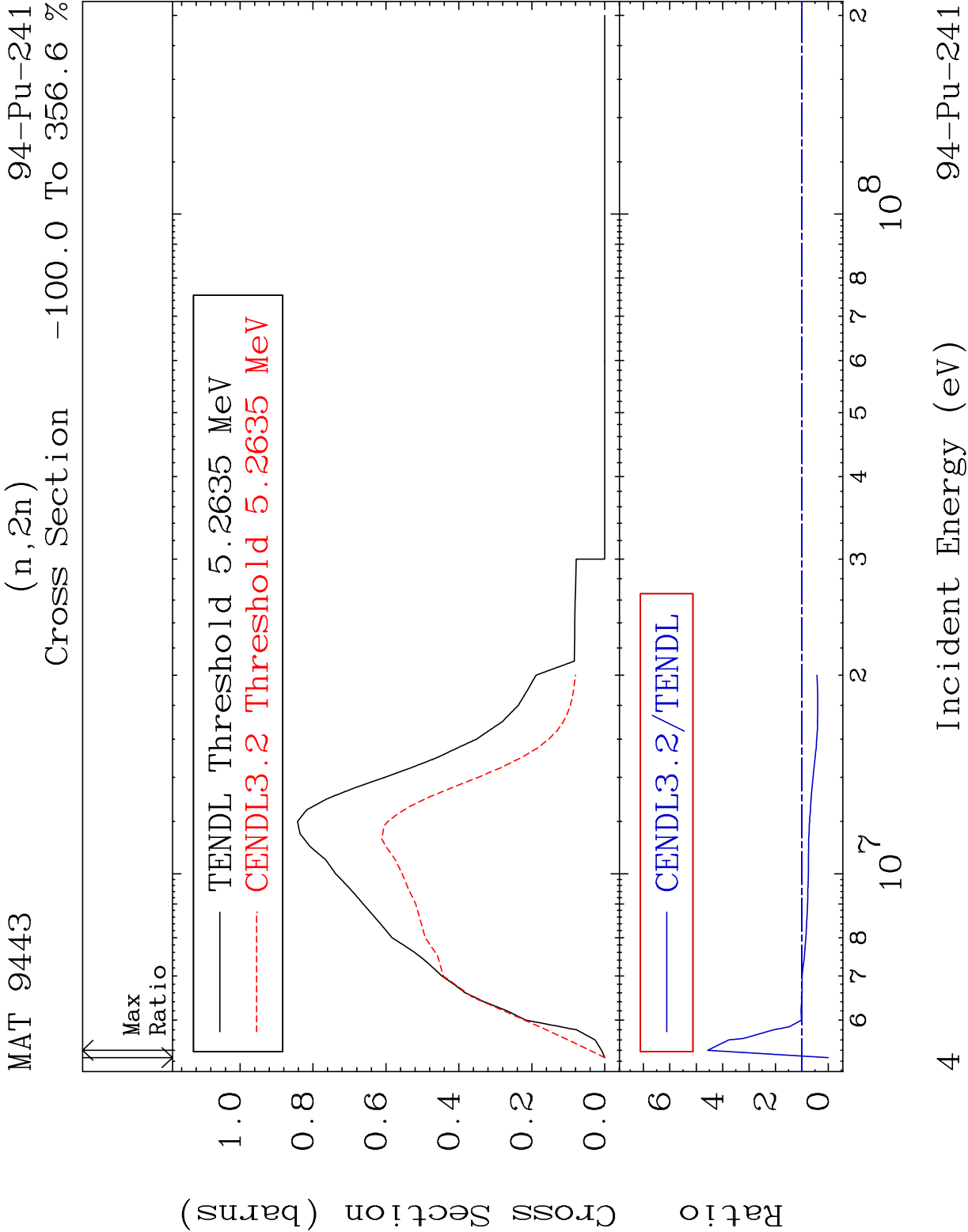
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

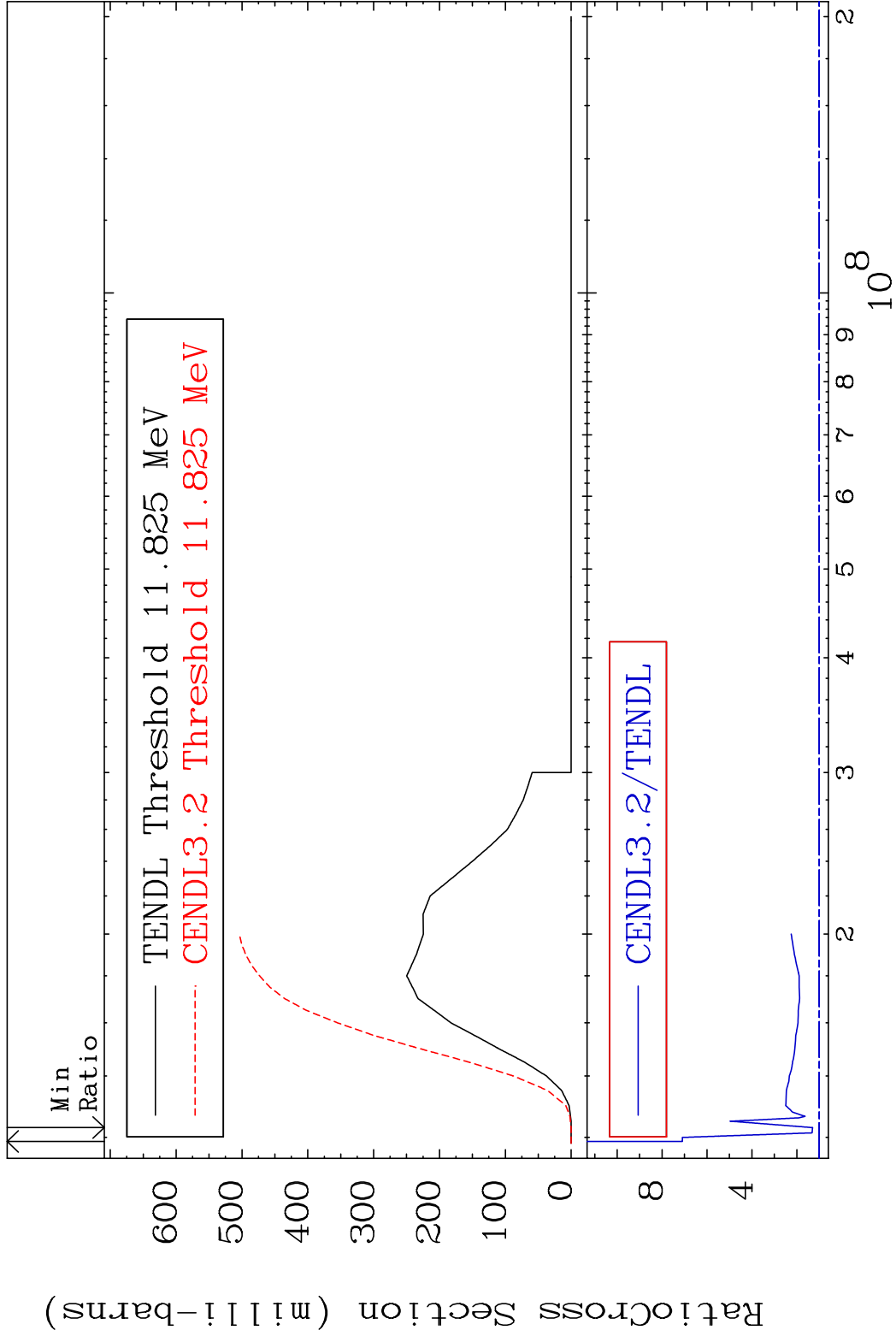
Press Mouse Button to Start









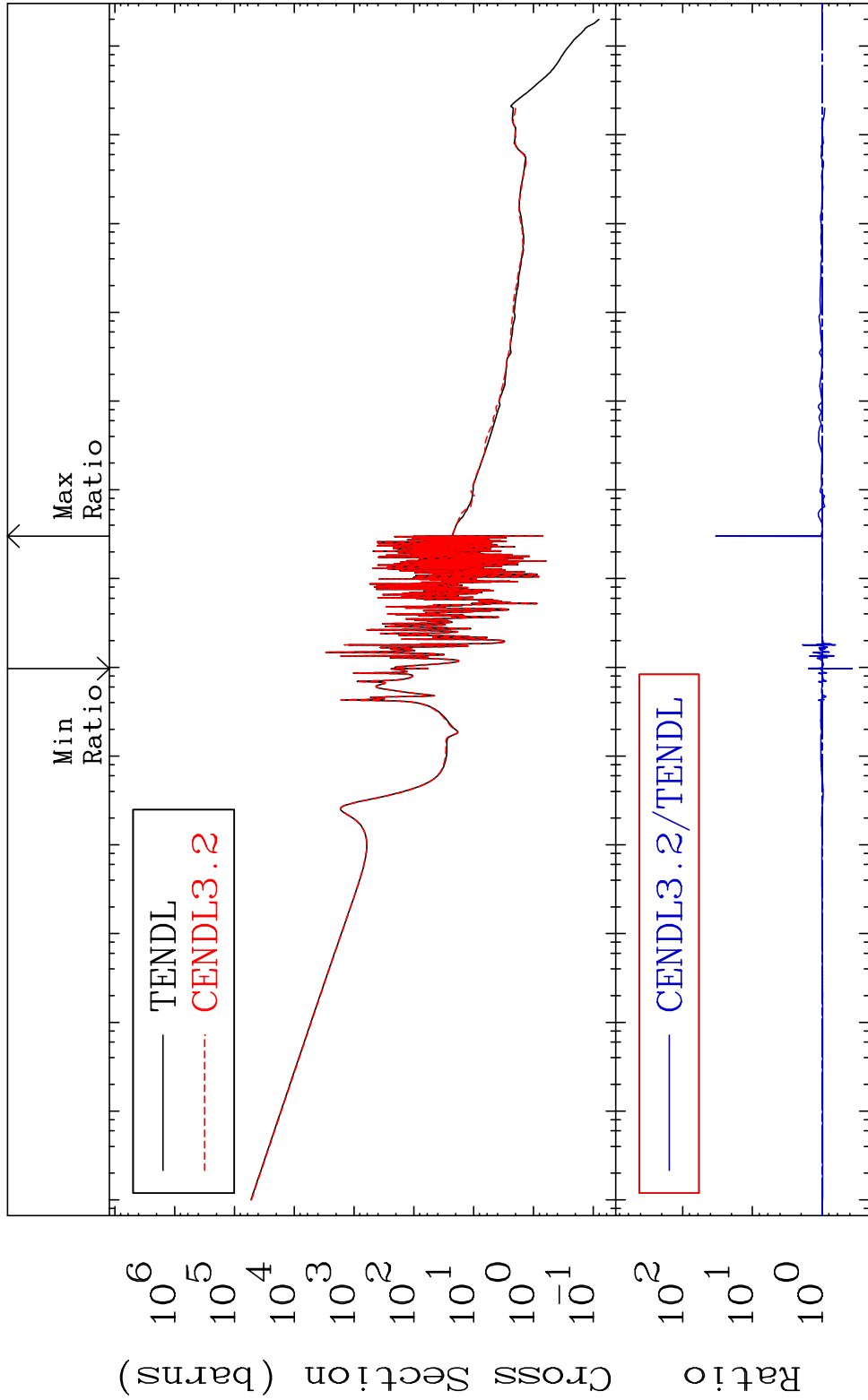


MAT 9443

94-Pu-241

Fission

Cross Section -63.02 To 3259. %



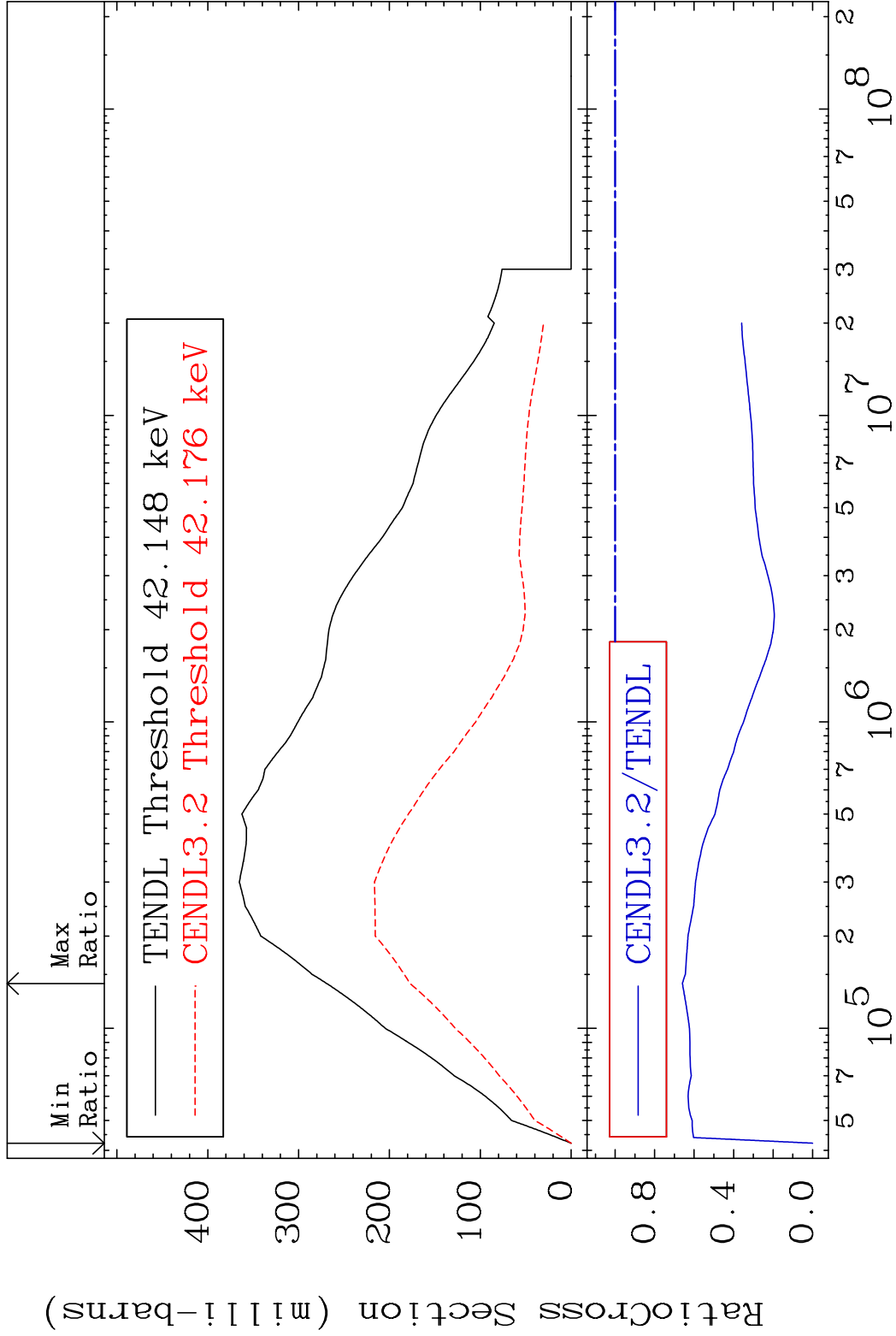
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

6

Incident Energy (eV)

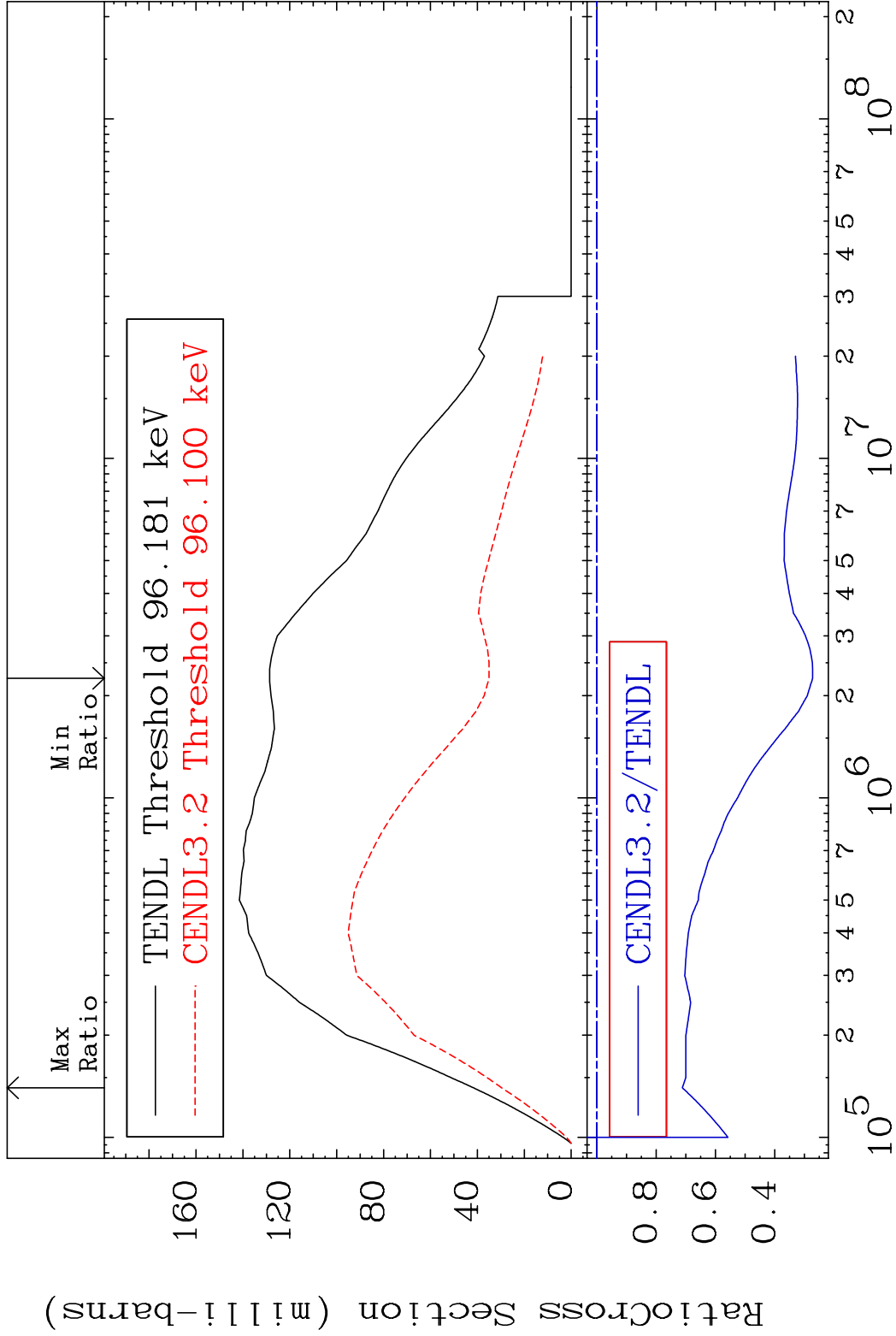
94-Pu-241

MAT 9443 MT= 51 (n,n') Level 94-Pu-241
Cross Section -100.0 To -34.05%



7 Incident Energy (eV) 94-Pu-241

MAT 9443 MT= 52 (n,n') Level 94-Pu-241
Cross Section -72.78 To -28.84%



8 Incident Energy (eV) 94-Pu-241

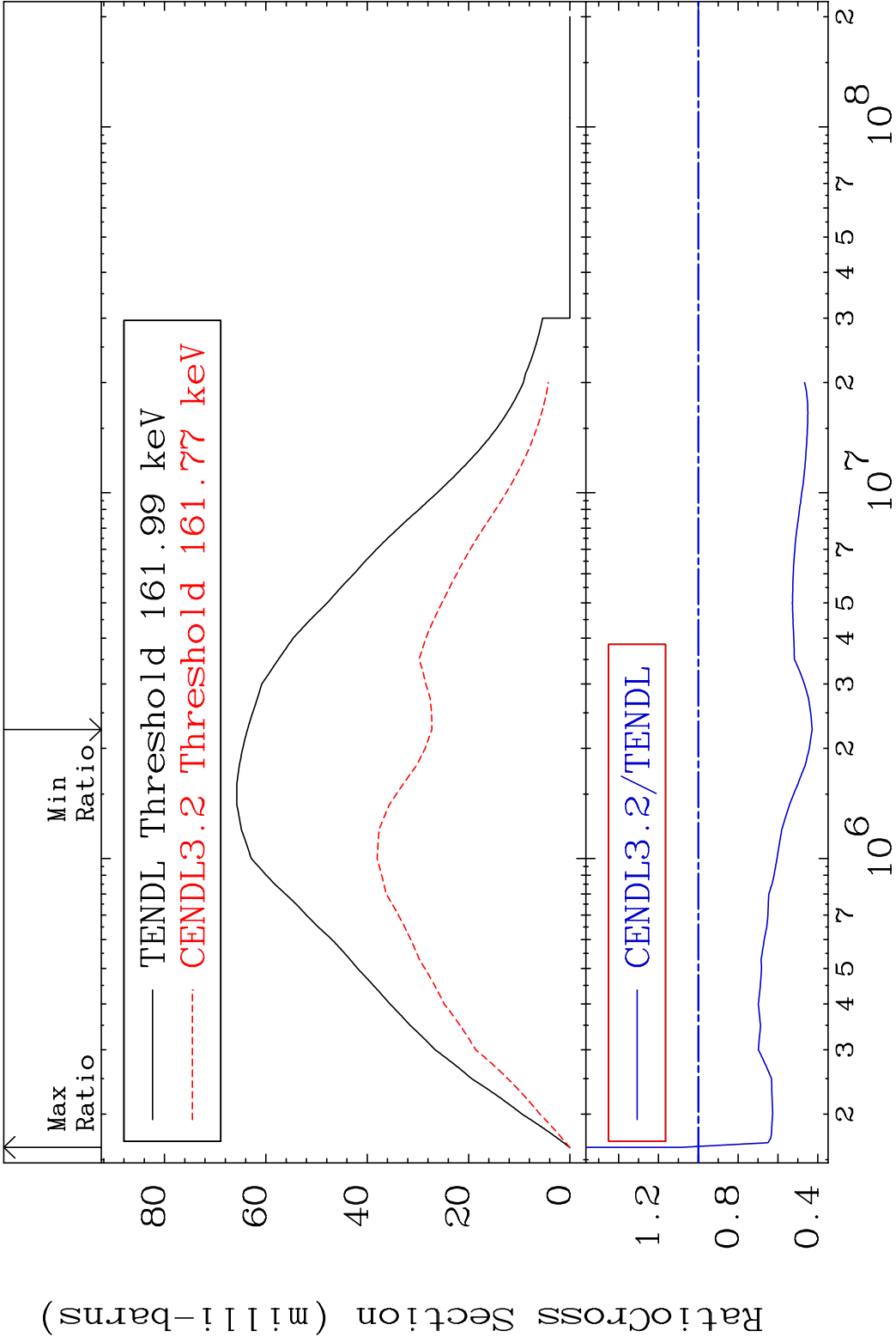
MAT 9443

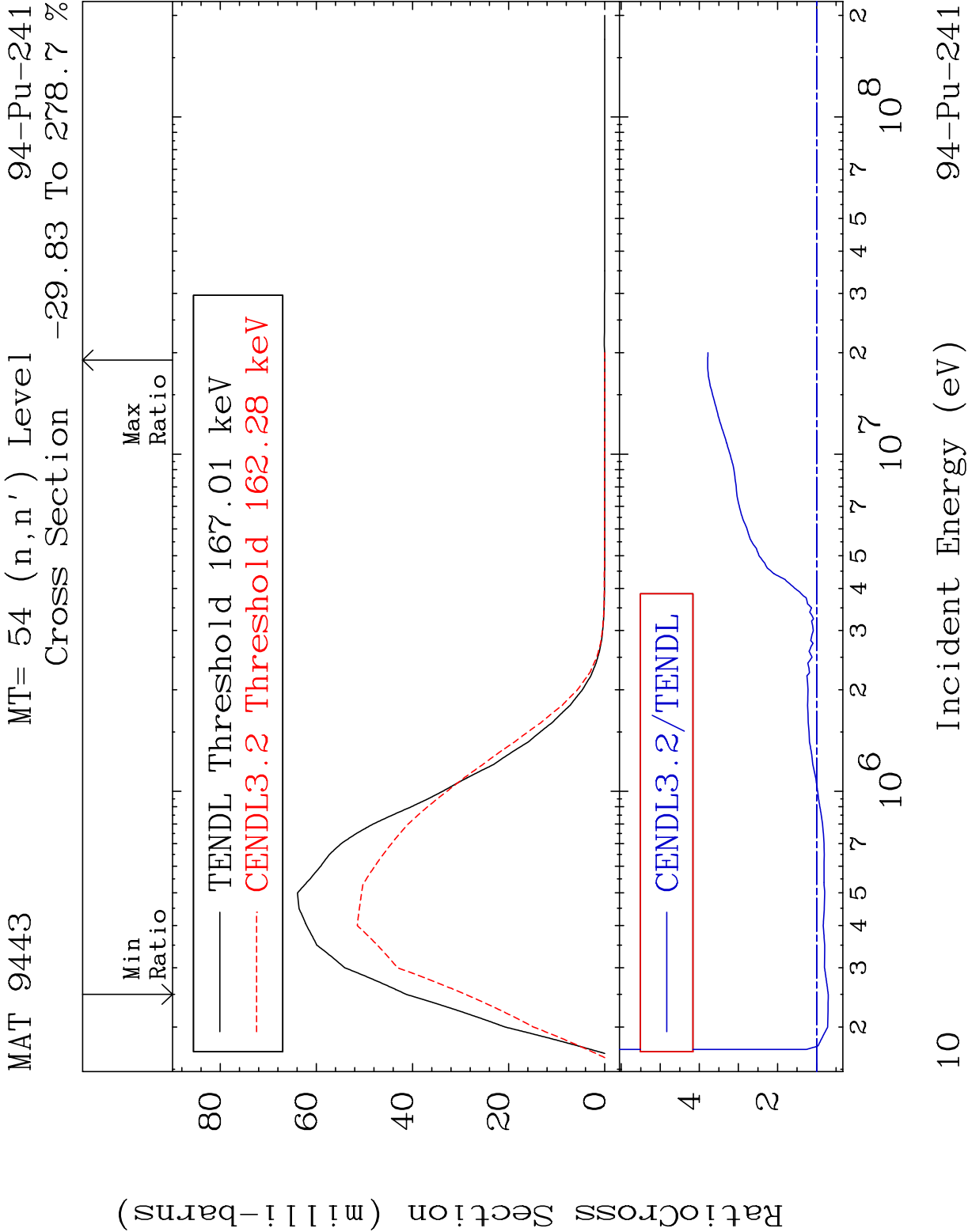
MT= 53 (n,n') Level

94-Pu-241

Cross Section

-57.19 To 8.437 %





MAT 9443

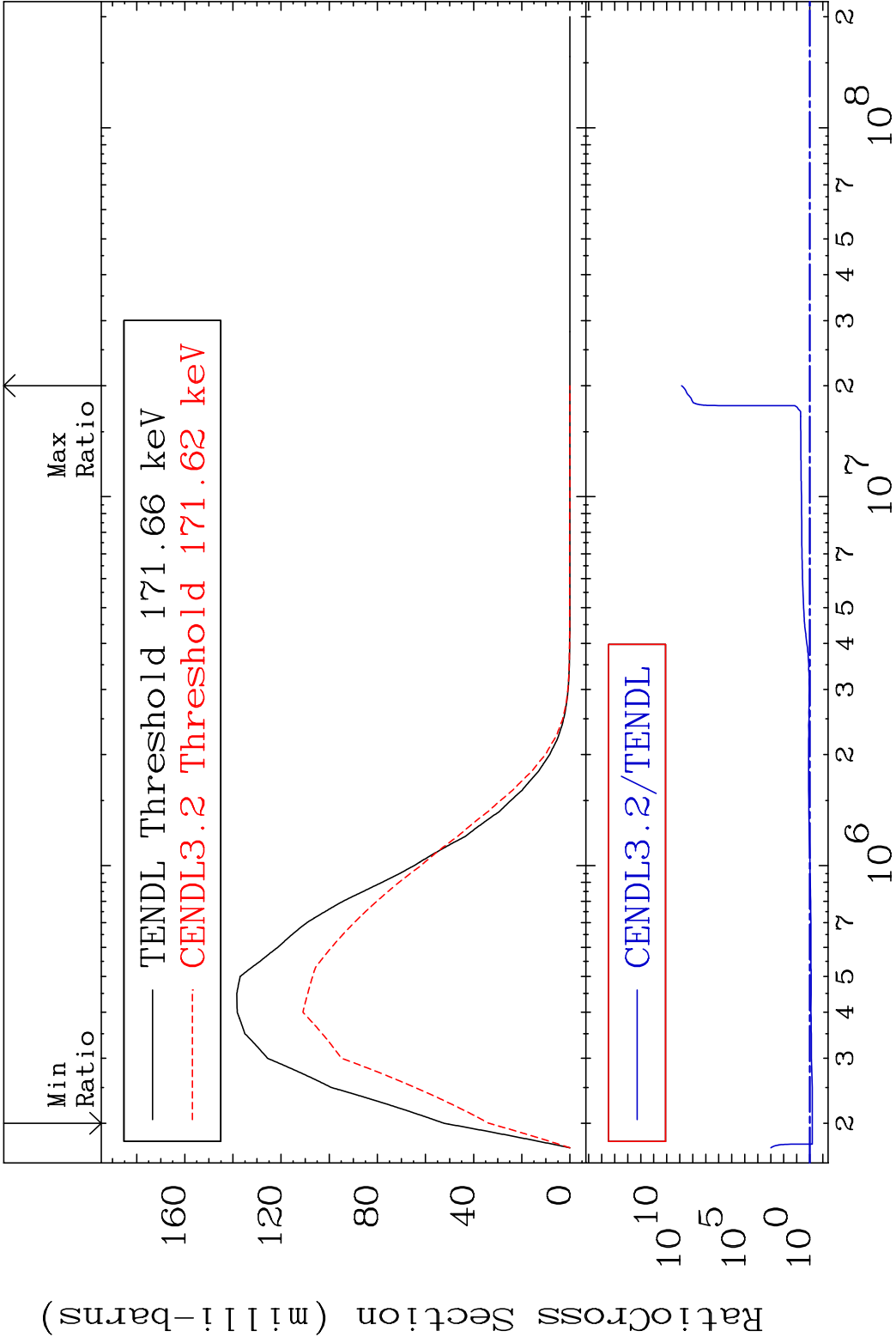
MT= 55 (n,n')

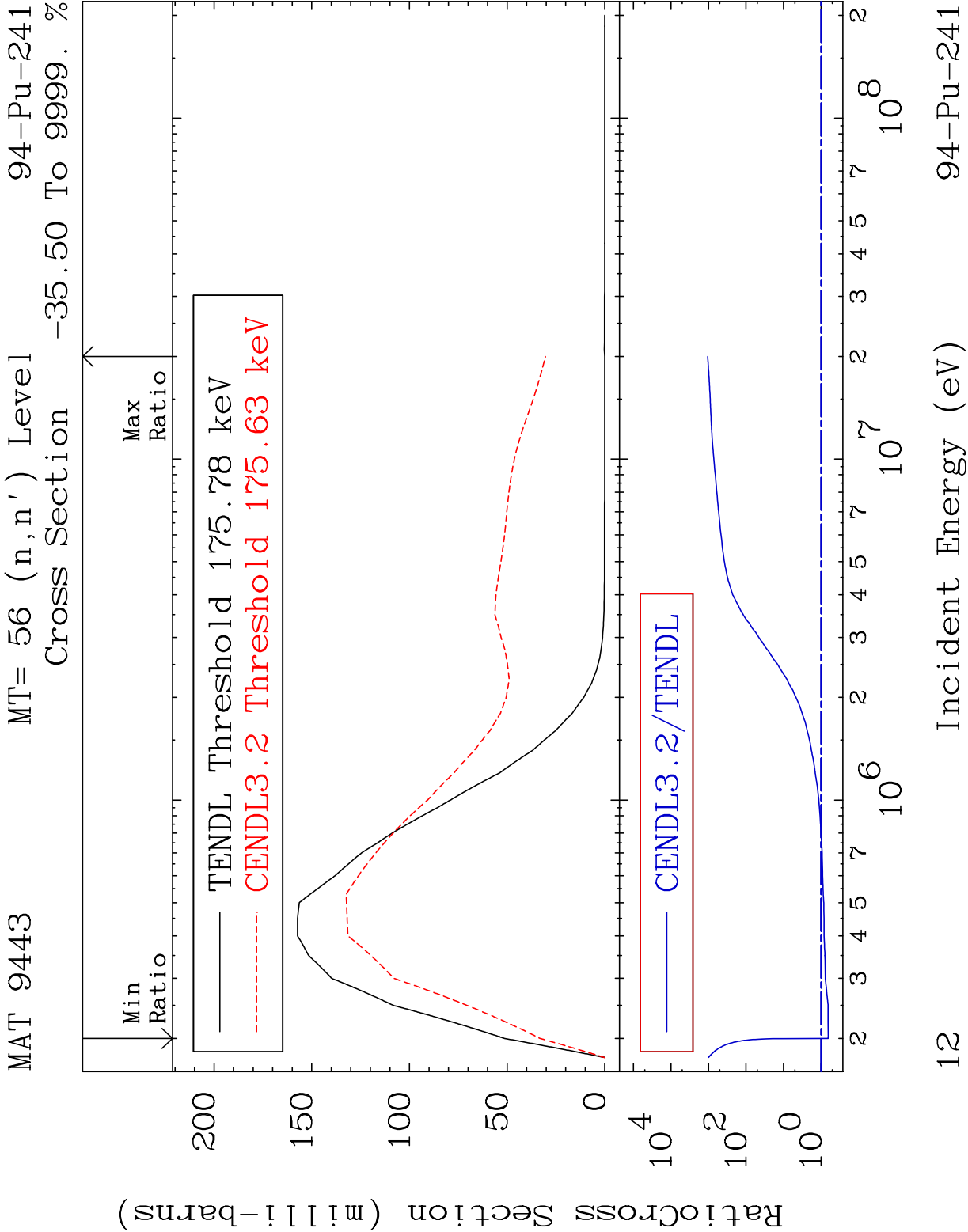
Level

94-Pu-241

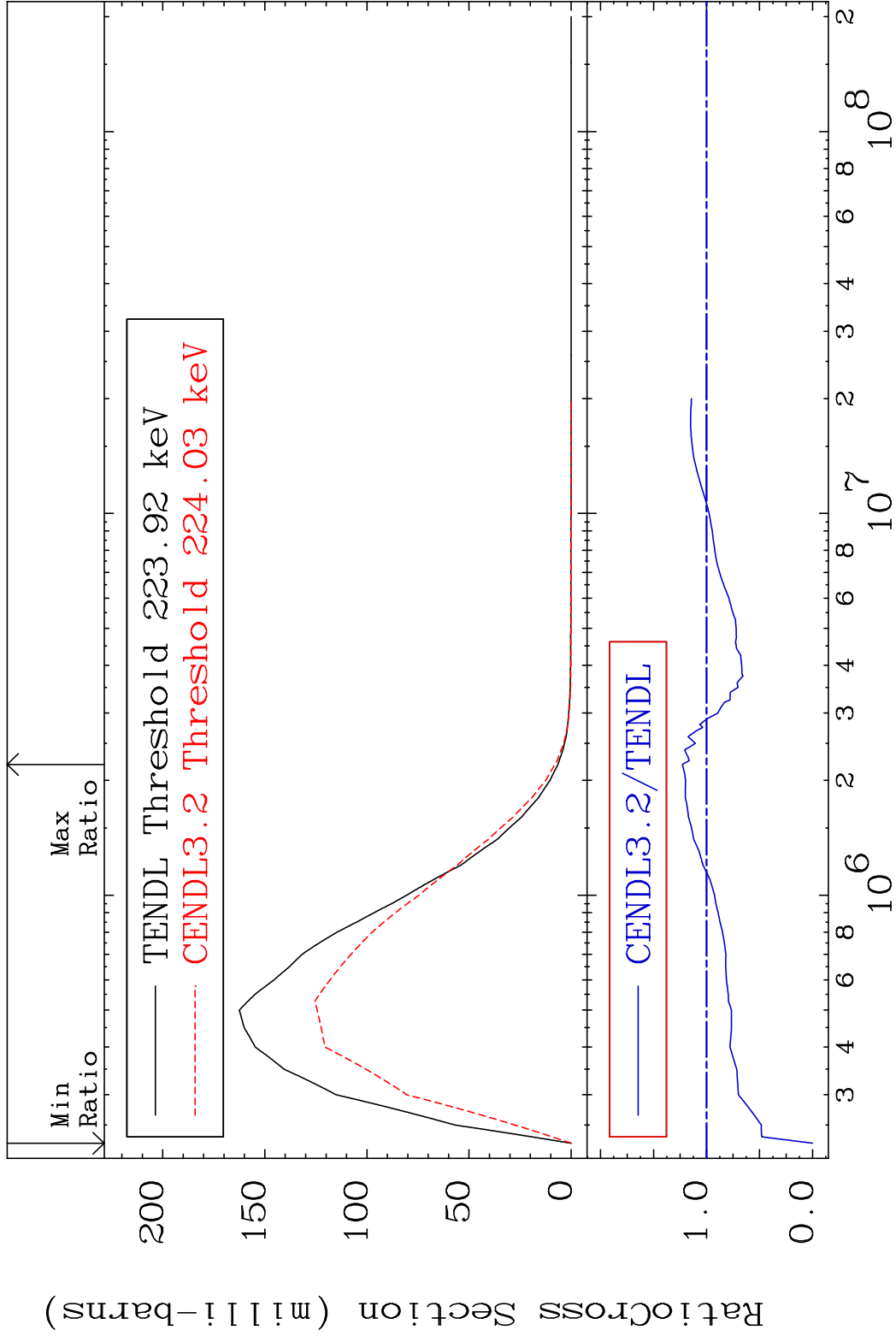
Cross Section

-35.66 To 9999. %

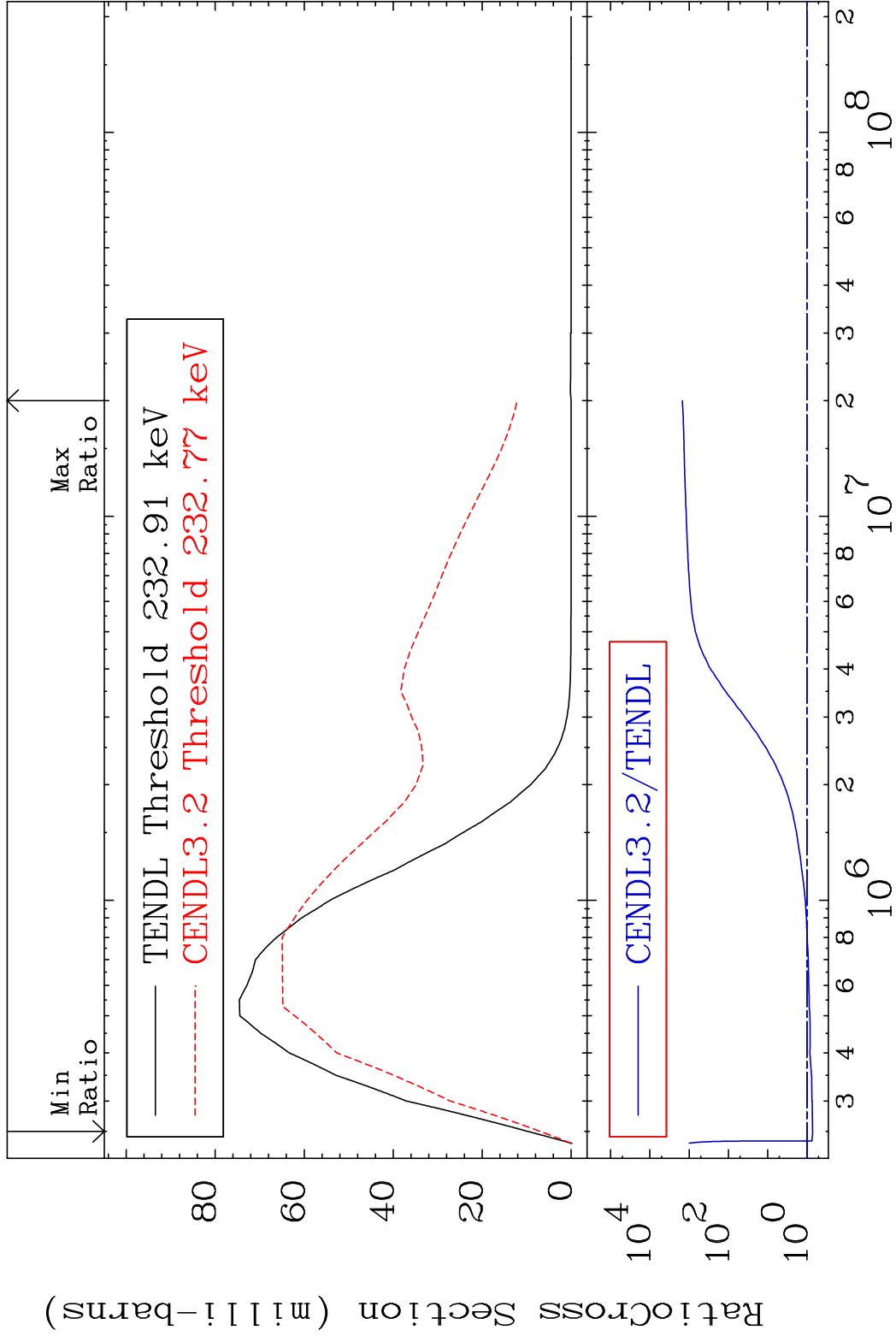




MAT 9443 MT= 57 (n,n') Level 94-Pu-241
Cross Section -100.0 To 22.85 %



MAT 9443 MT= 58 (n,n') Level 94-Pu-241
Cross Section -28.65 To 9999. %



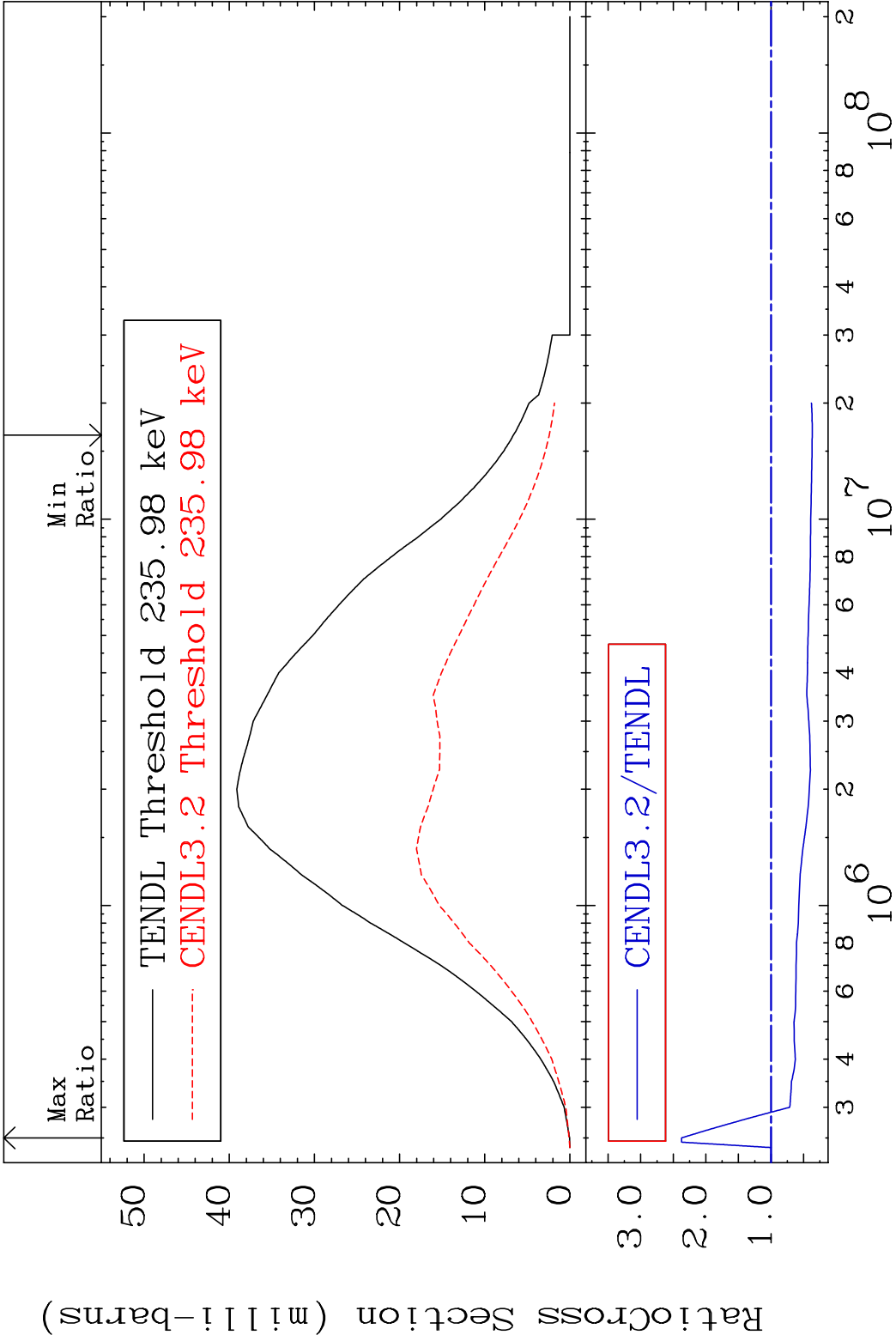
MAT 9443

MT= 59 (n,n') Level

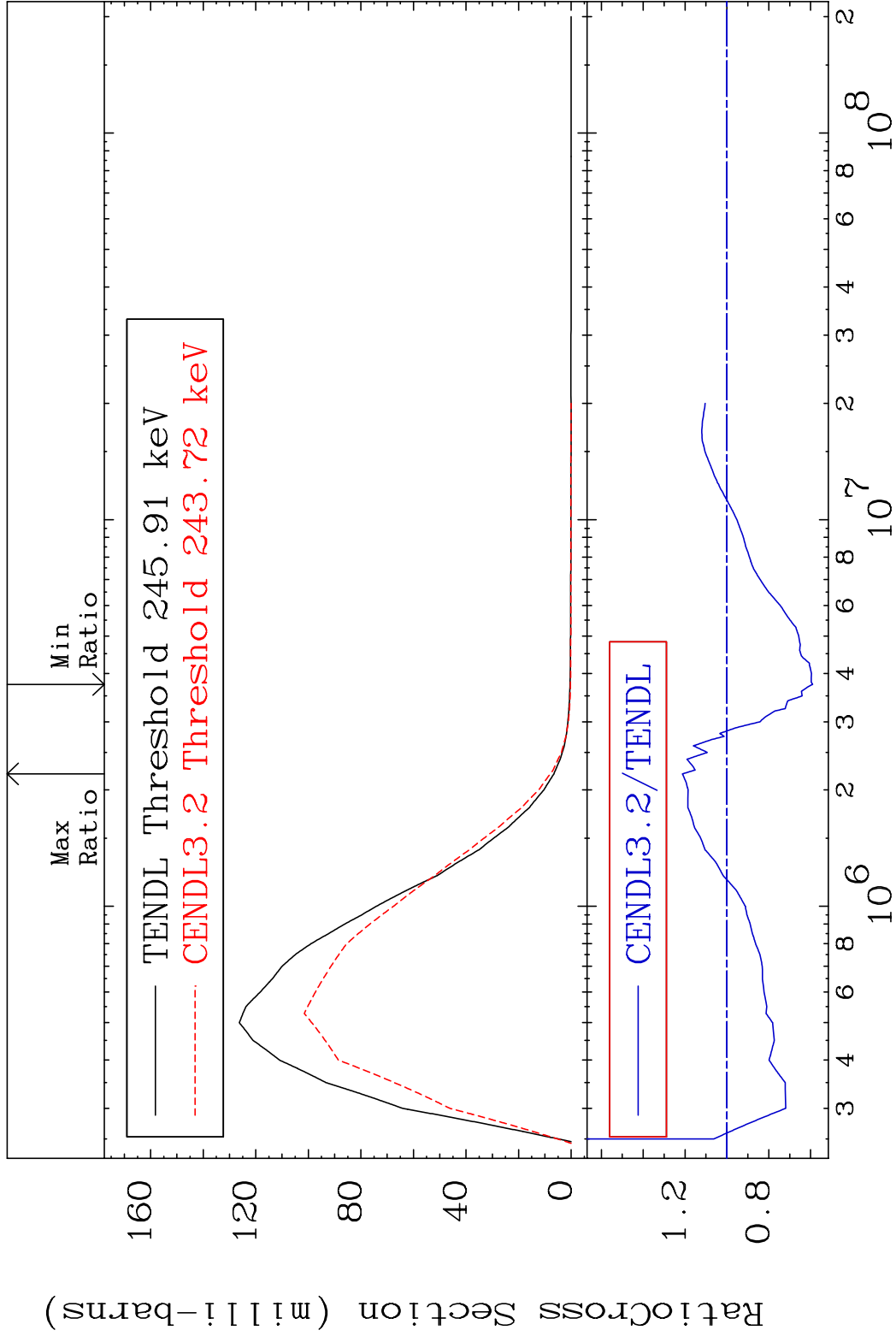
94-Pu-241

Cross Section

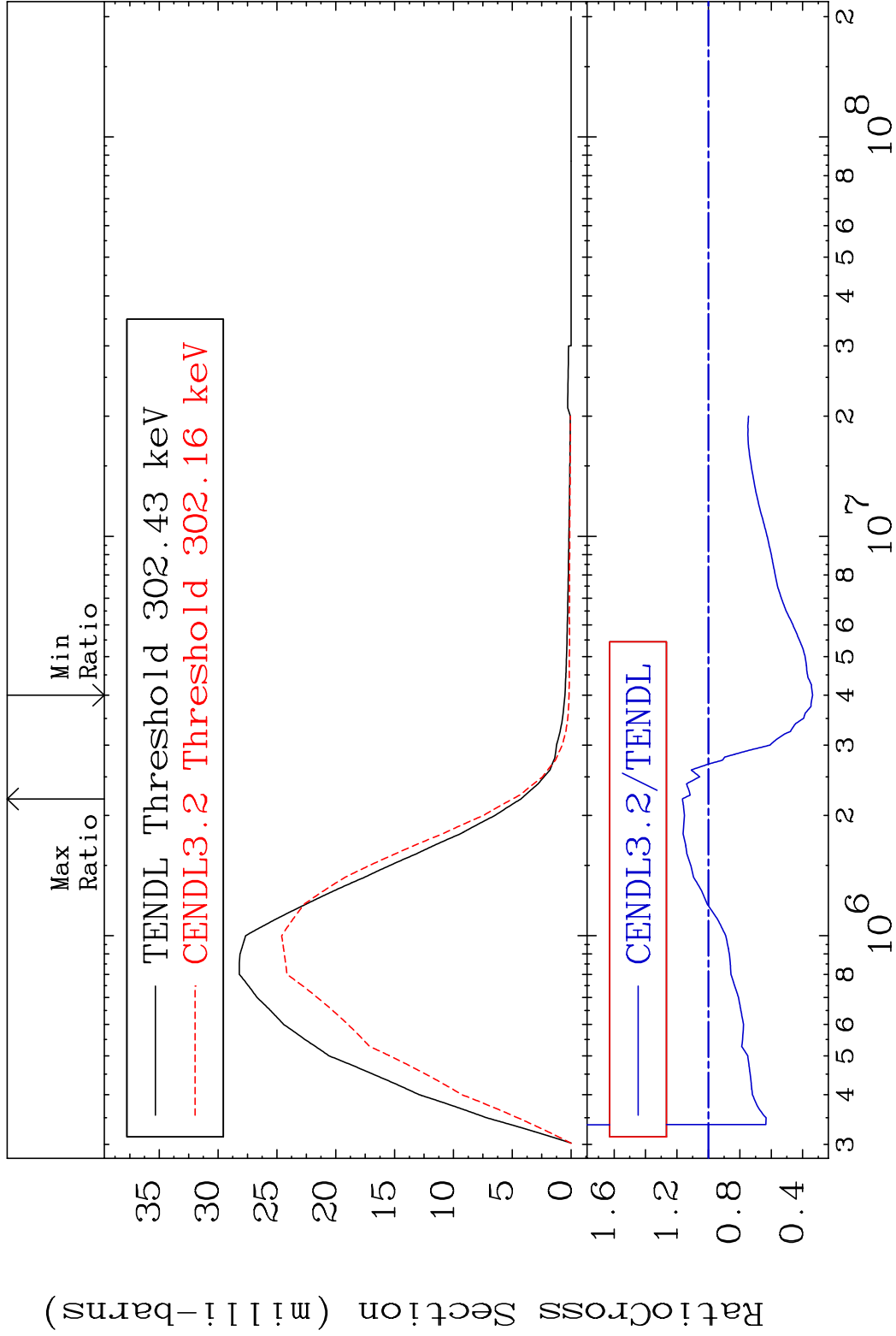
-63.27 To 137.3 %



MAT 9443 MT= 60 (n,n') Level 94-Pu-241
Cross Section -40.93 To 21.29 %



MAT 9443 MT= 61 (n,n') Level 94-Pu-241
Cross Section -66.30 To 16.56 %



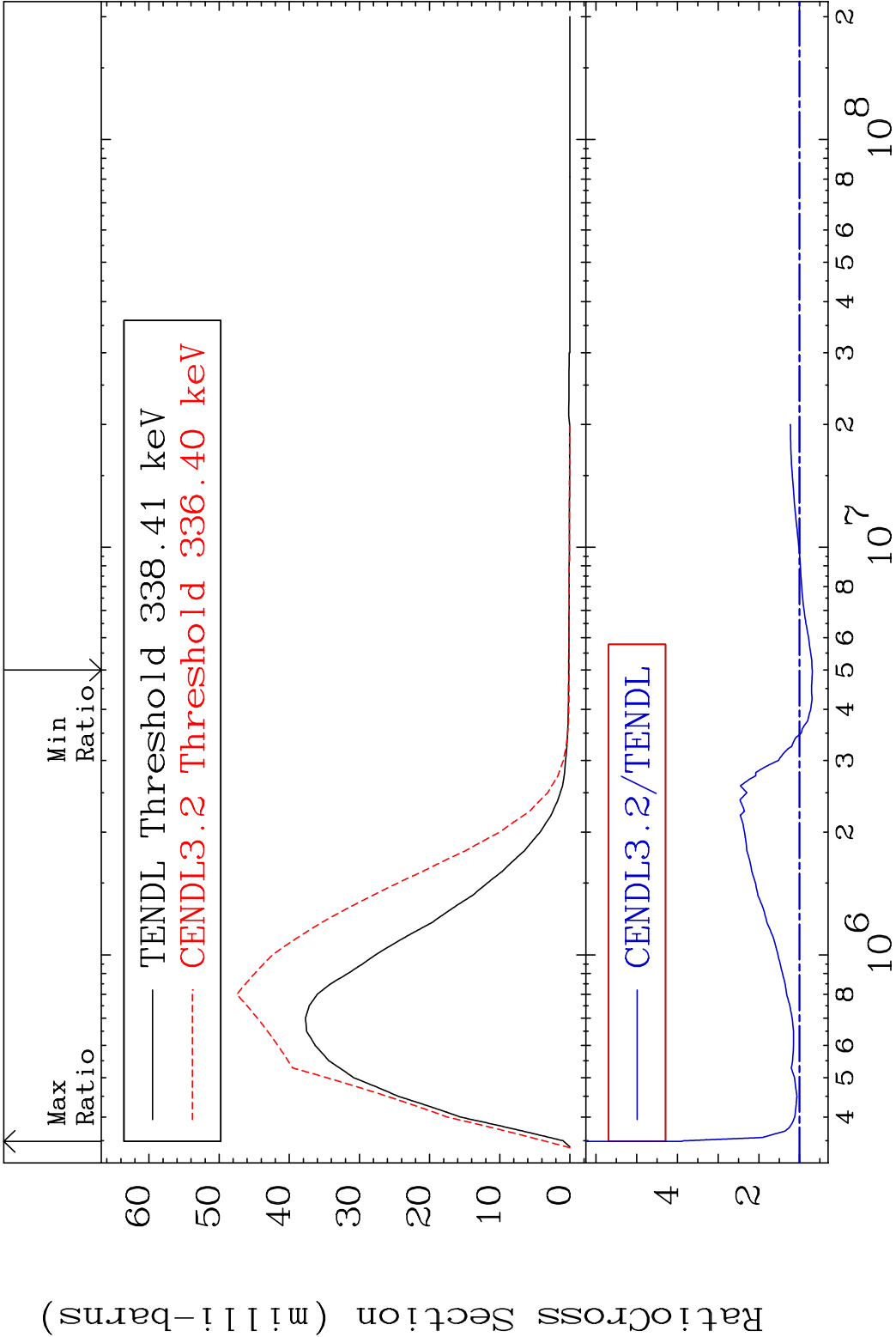
MAT 9443

MT= 62 (n,n') Level

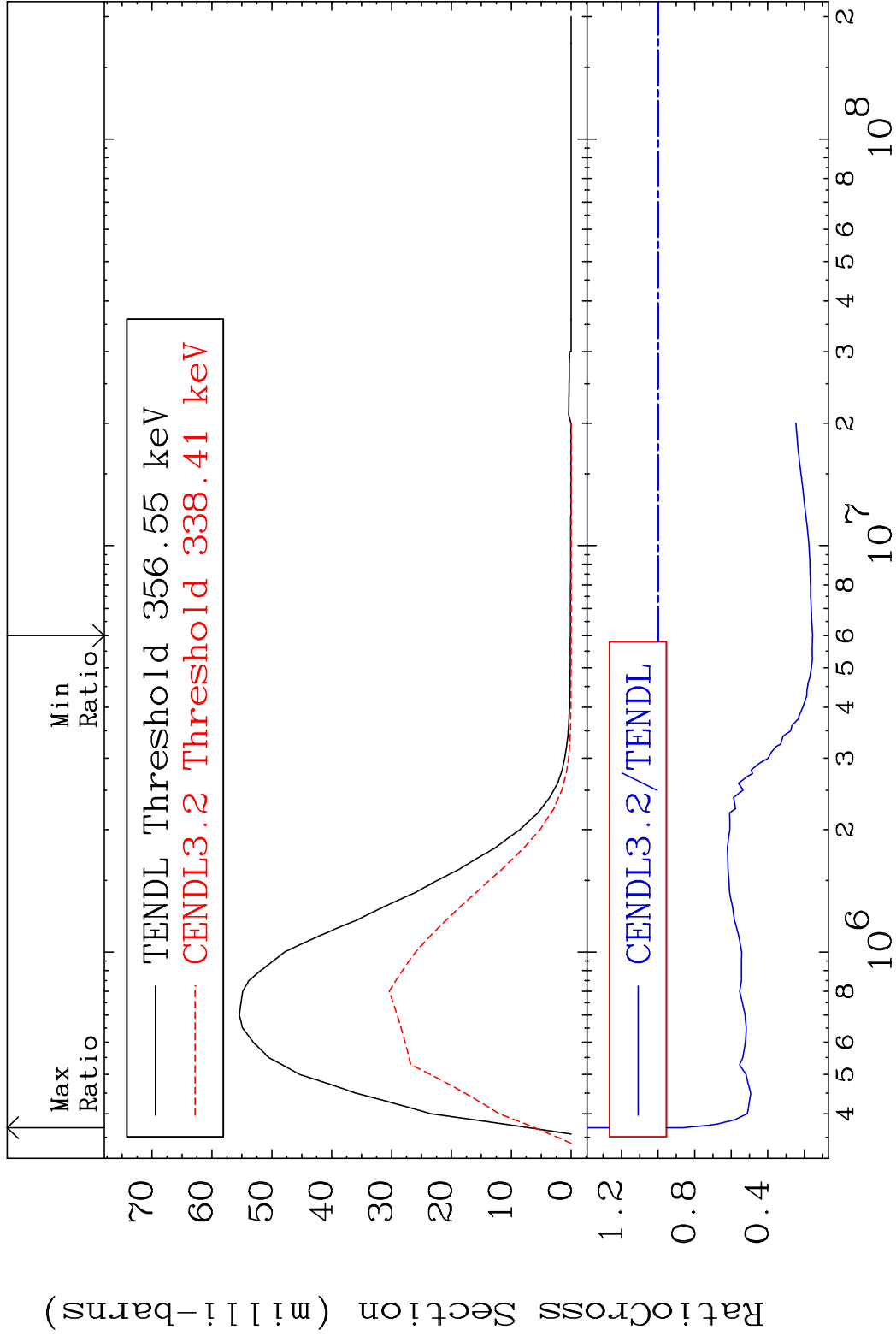
94-Pu-241

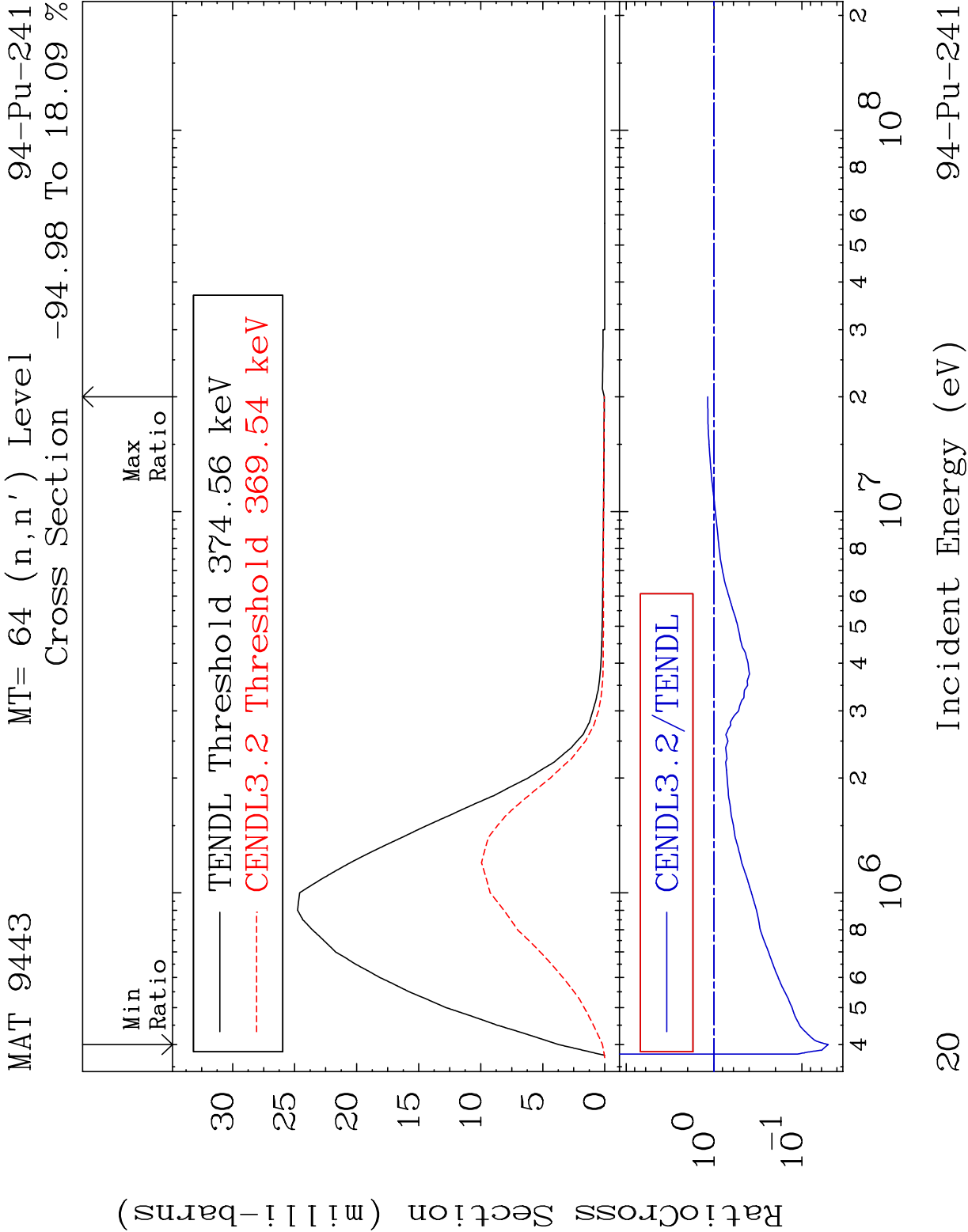
Cross Section

-31.10 To 289.8 %



MAT 9443 MT= 63 (n,n') Level 94-Pu-241
Cross Section -84.46 To -13.31%





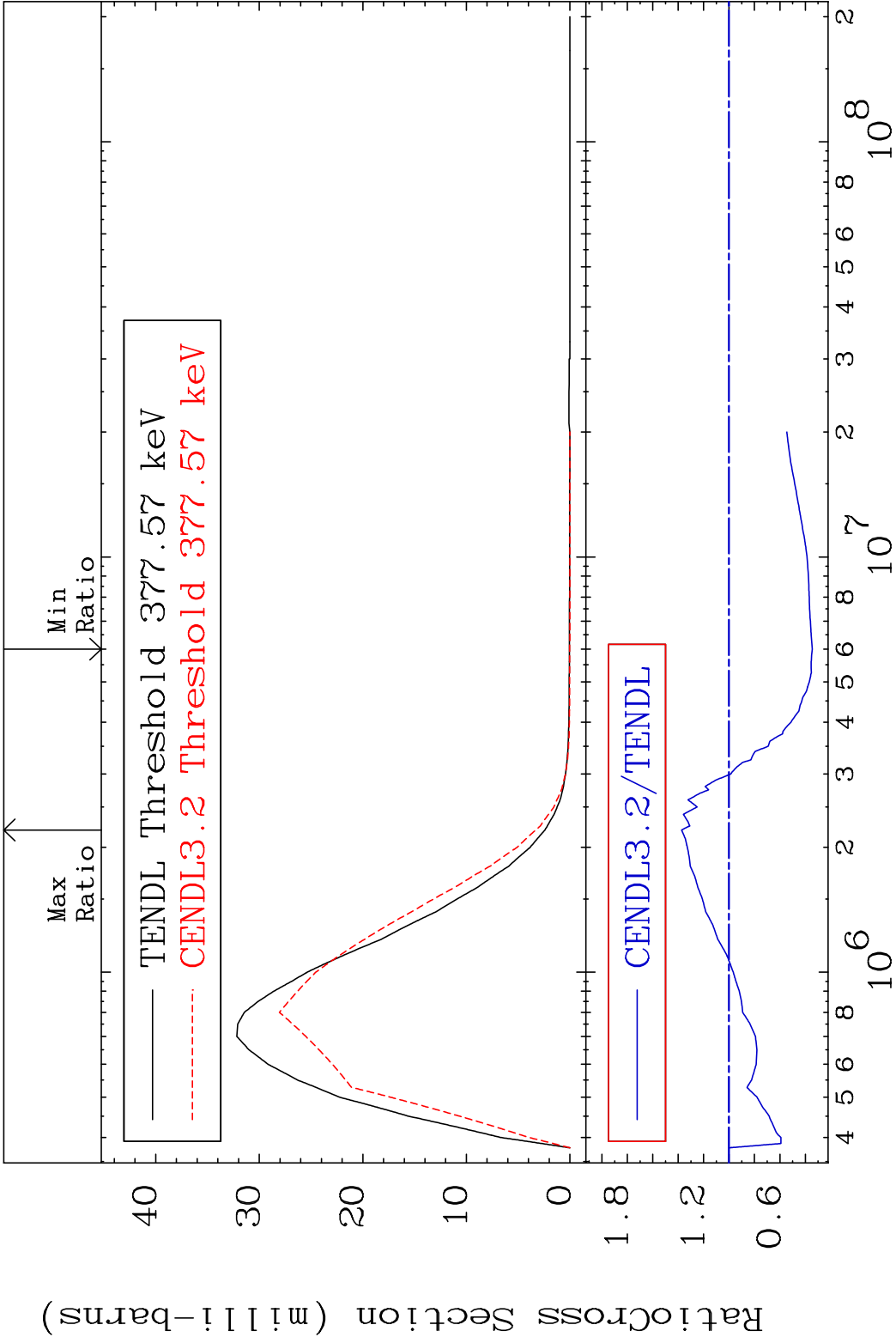
MAT 9443

MT= 65 (n,n') Level

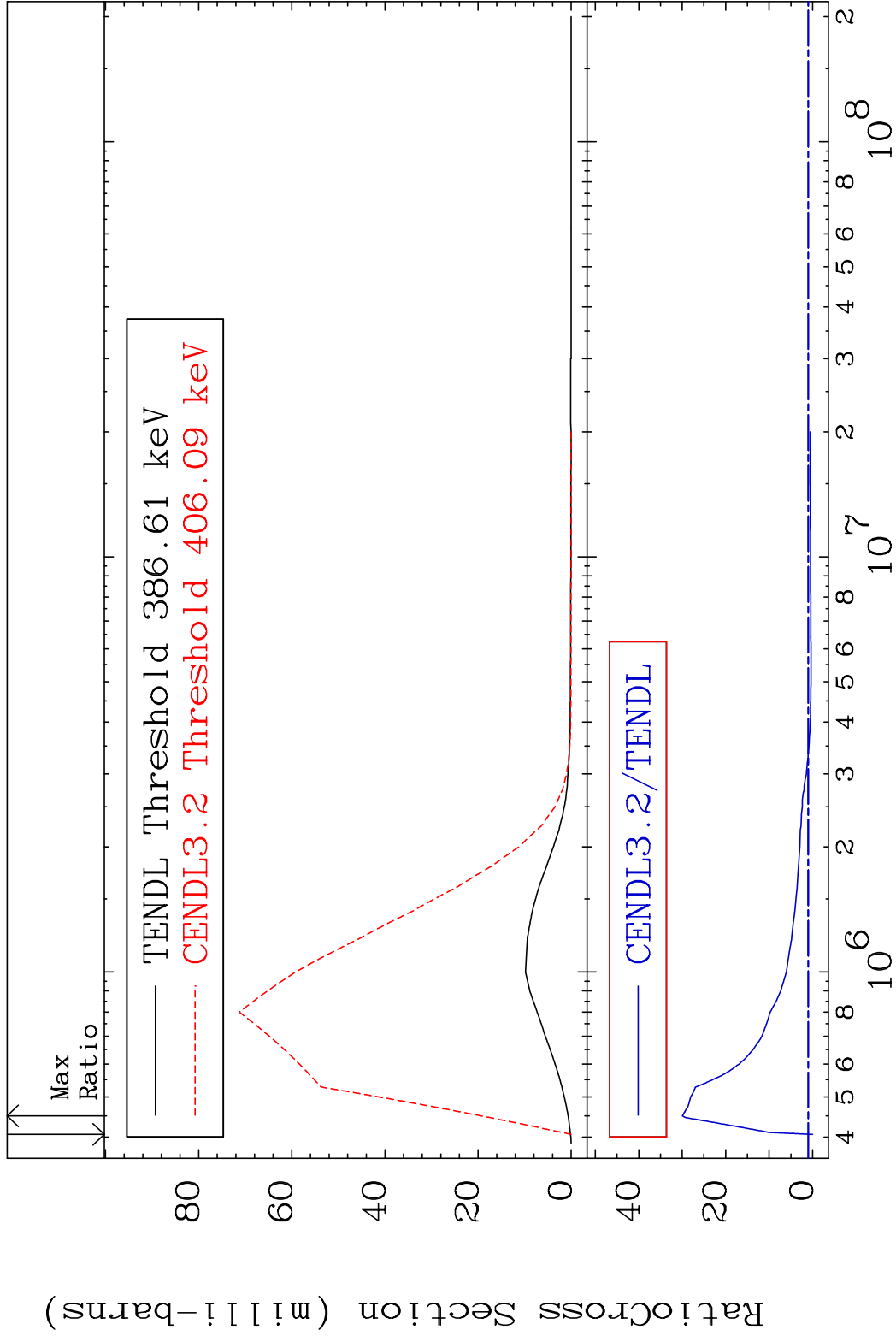
94-Pu-241

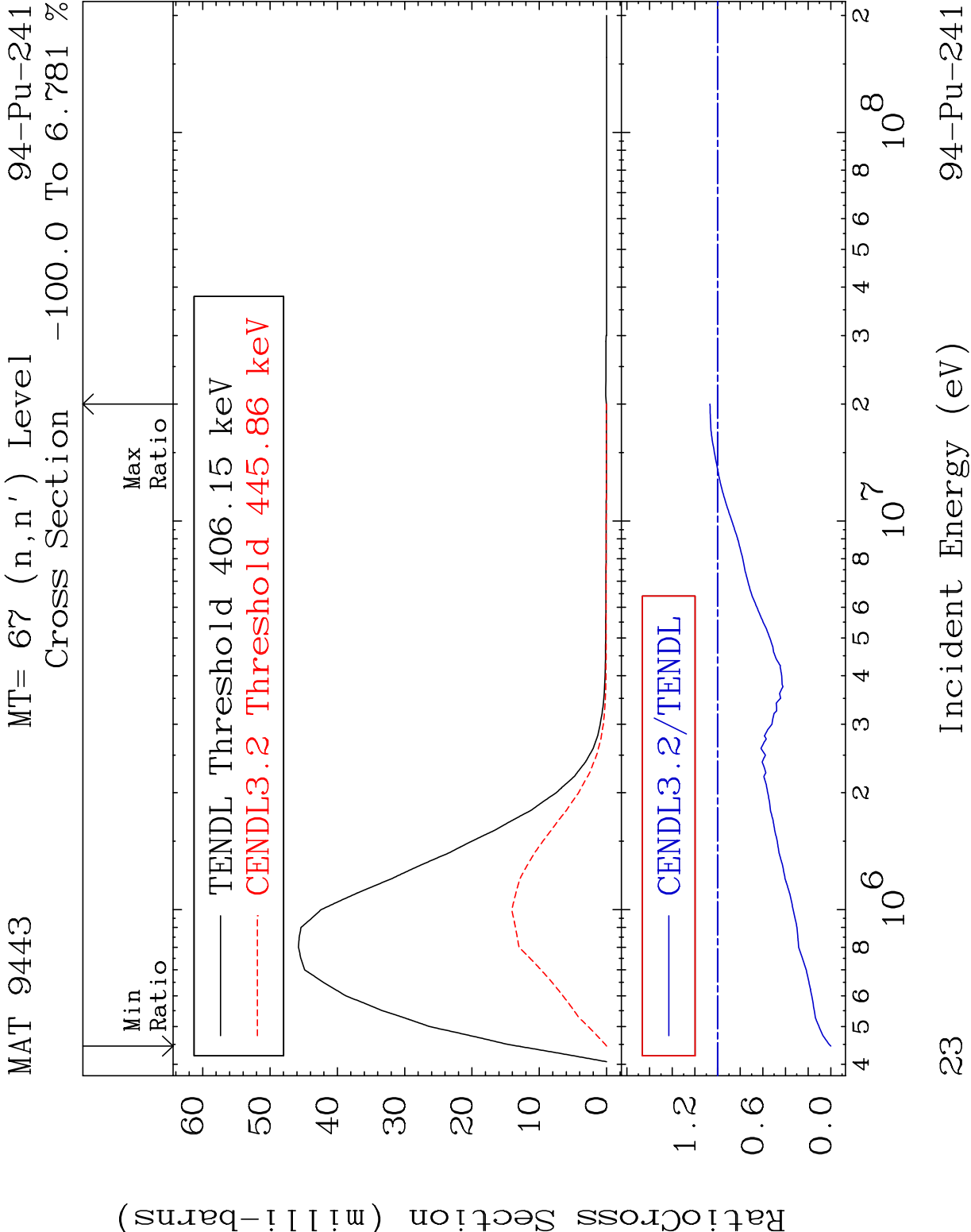
Cross Section

-65.43 To 37.37 %



MAT 9443 MT= 66 (n,n') Level 94-Pu-241
Cross Section -100.0 To 2896. %





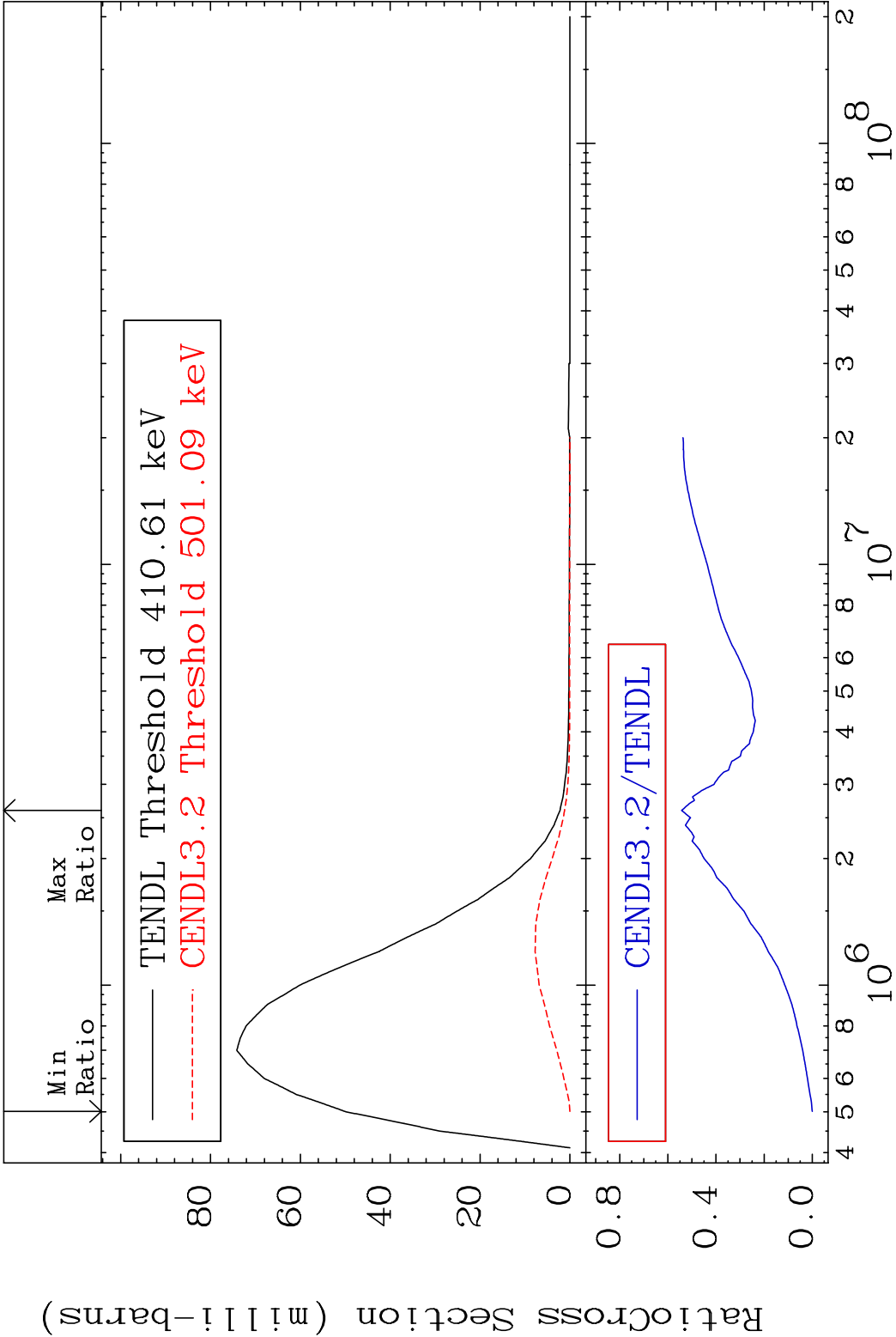
MAT 9443

MT= 68 (n,n') Level

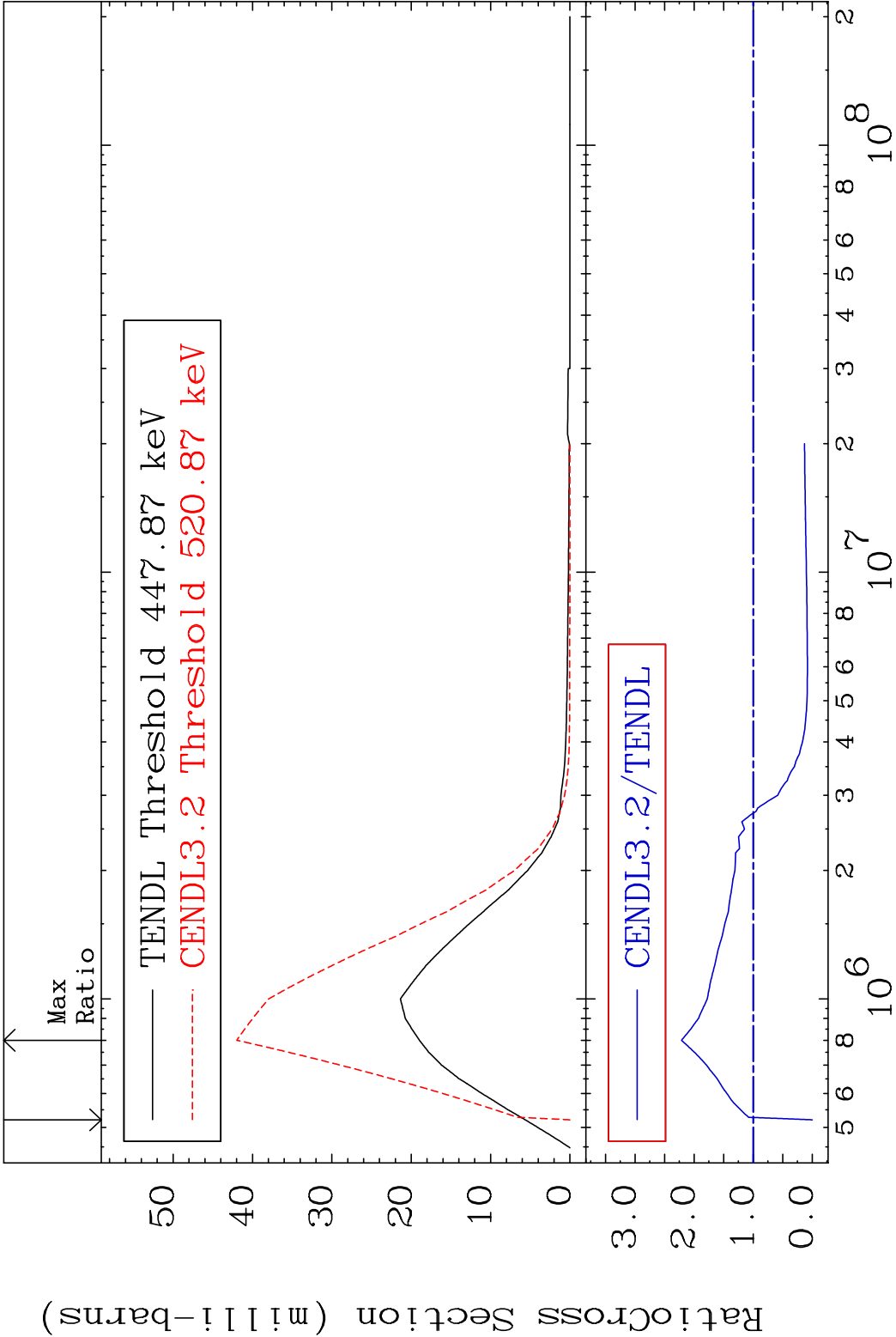
94-Pu-241

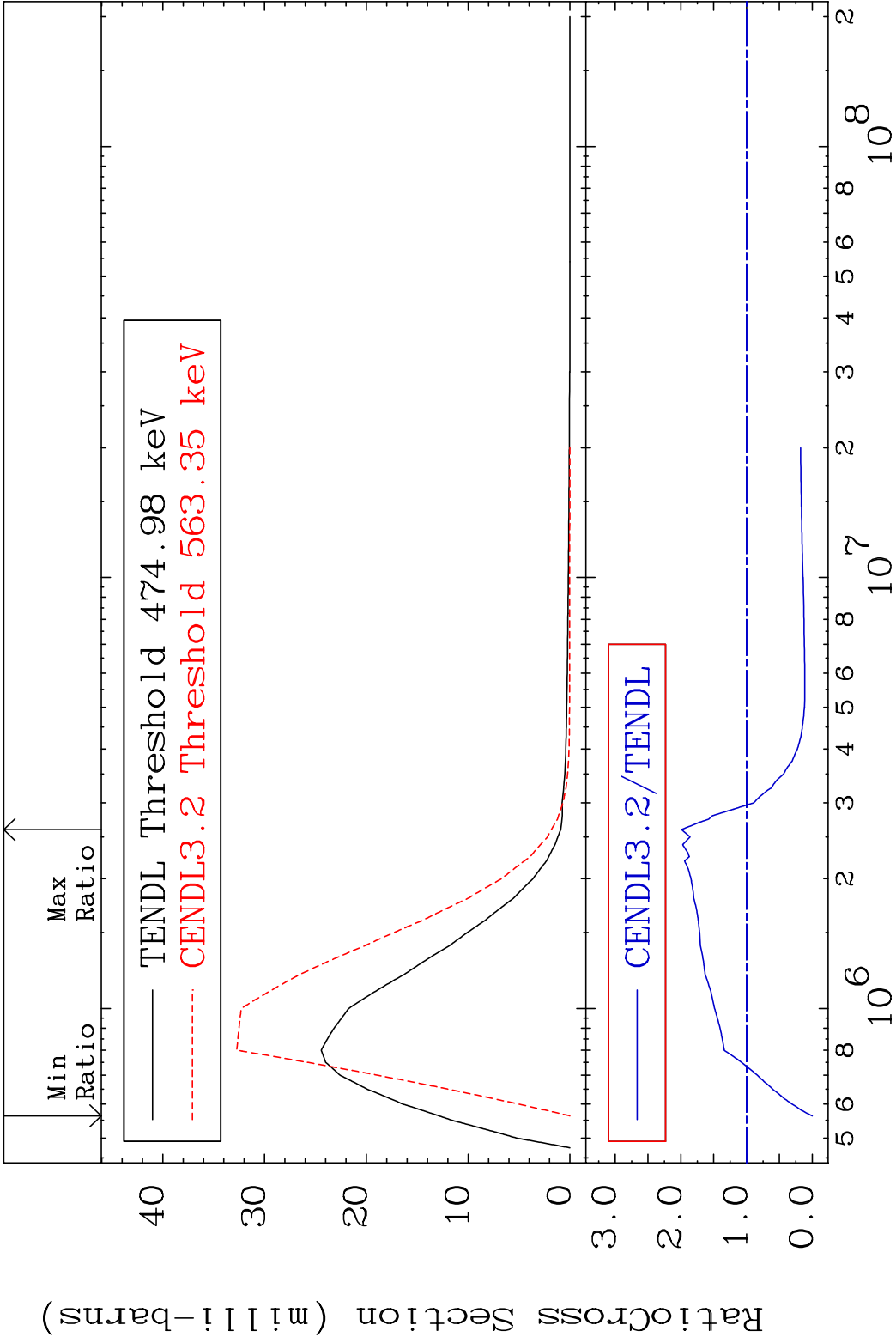
Cross Section

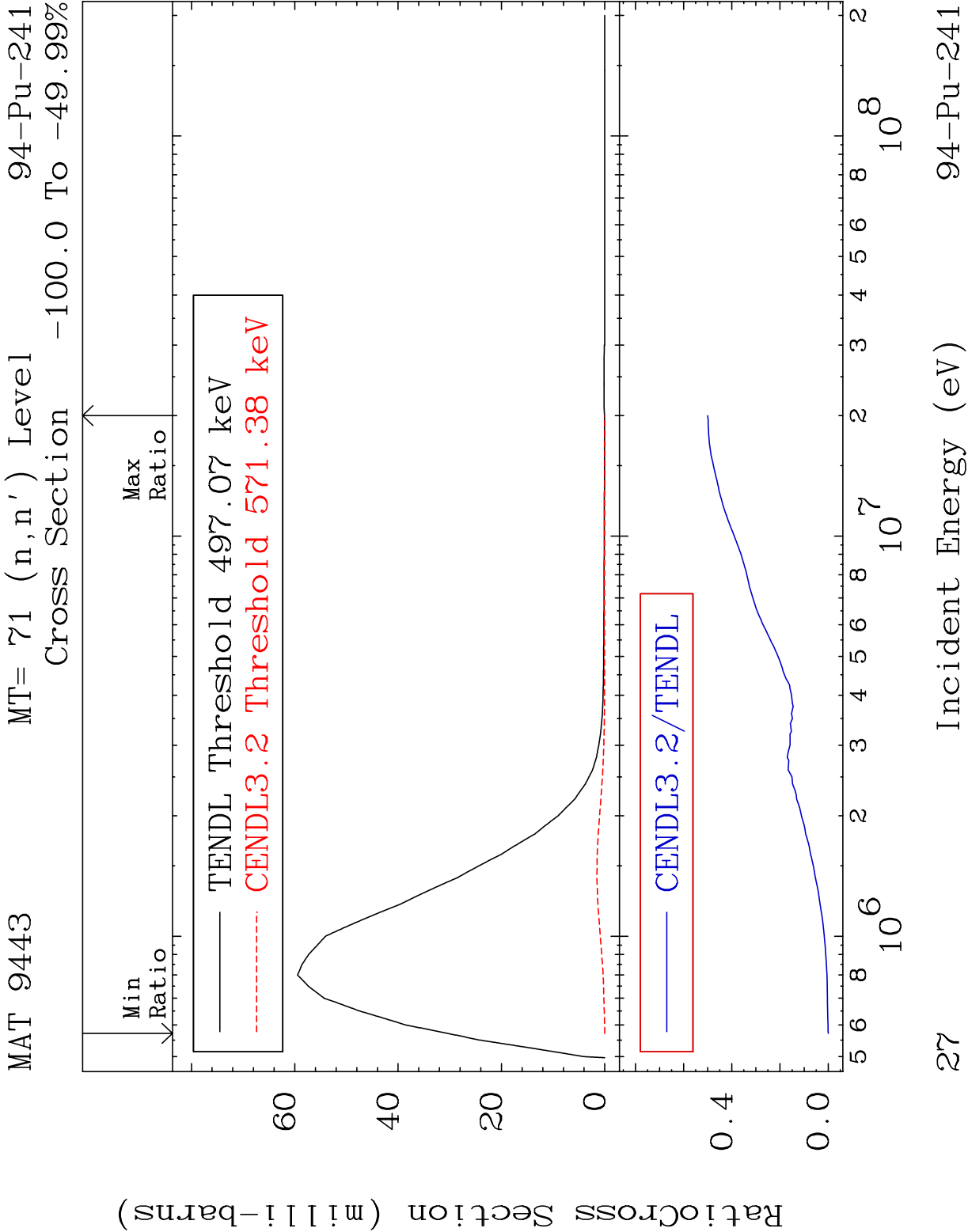
-100.0 To -45.69%

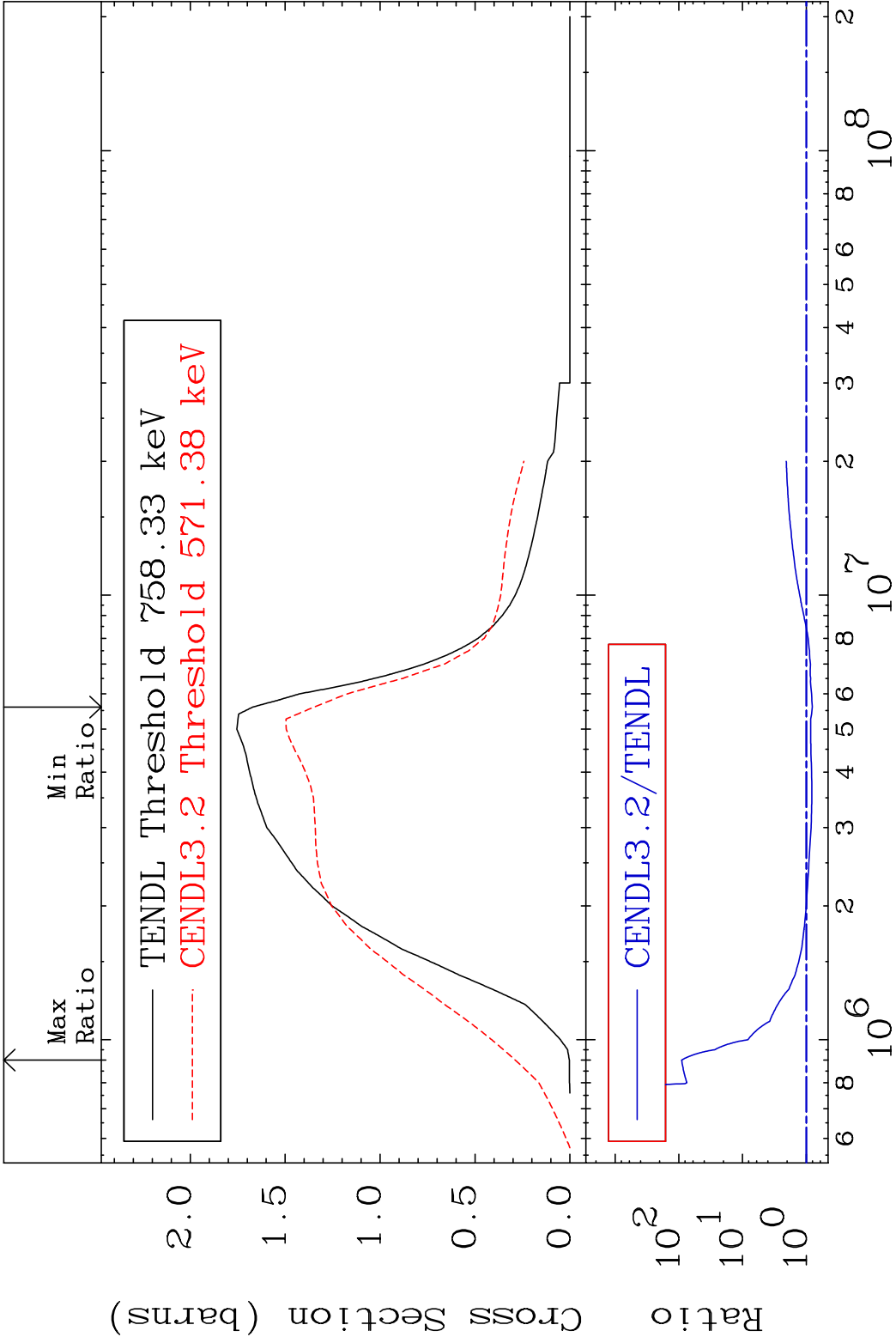


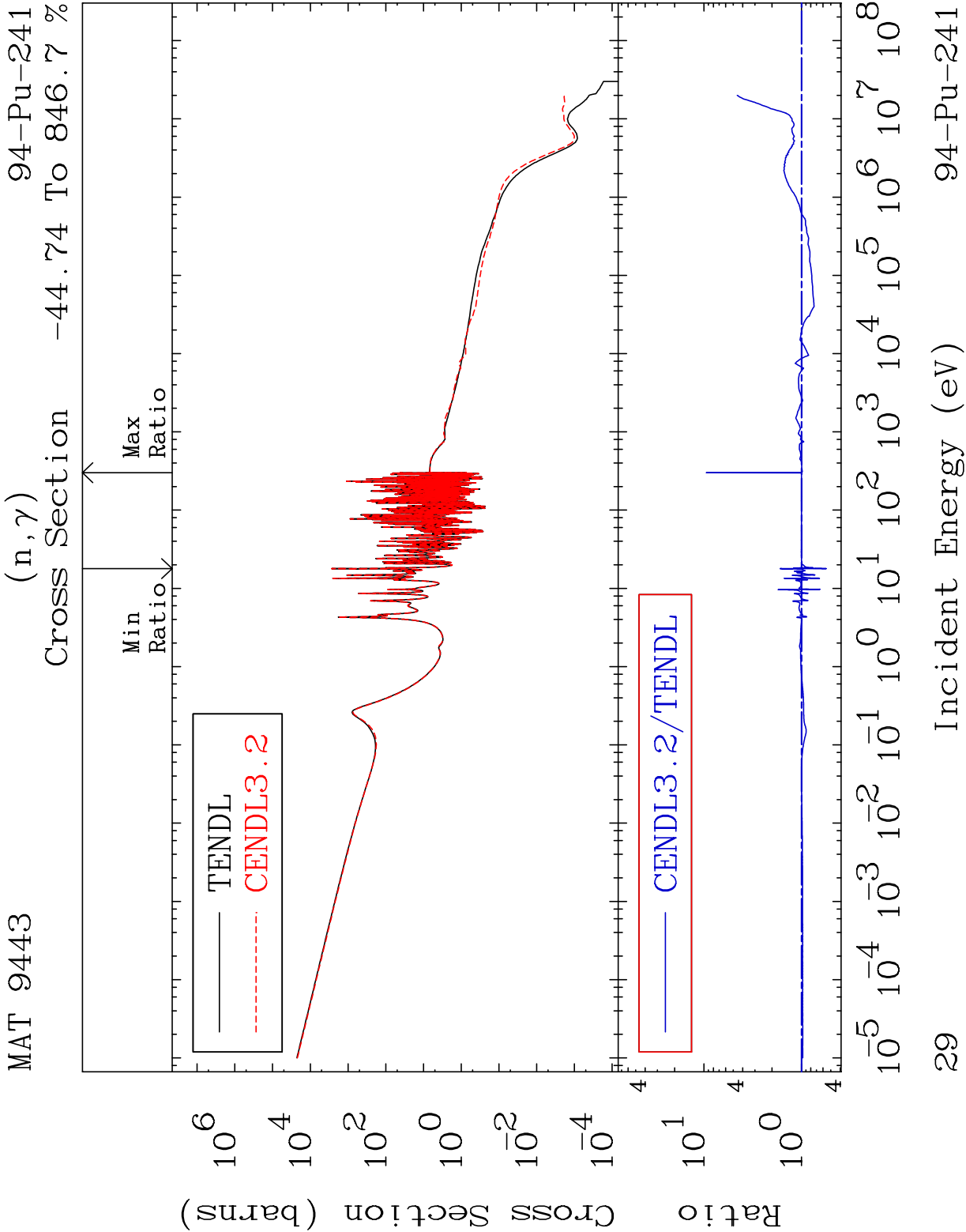
MAT 9443 MT= 69 (n,n') Level 94-Pu-241
 Cross Section -100.0 To 121.3 %

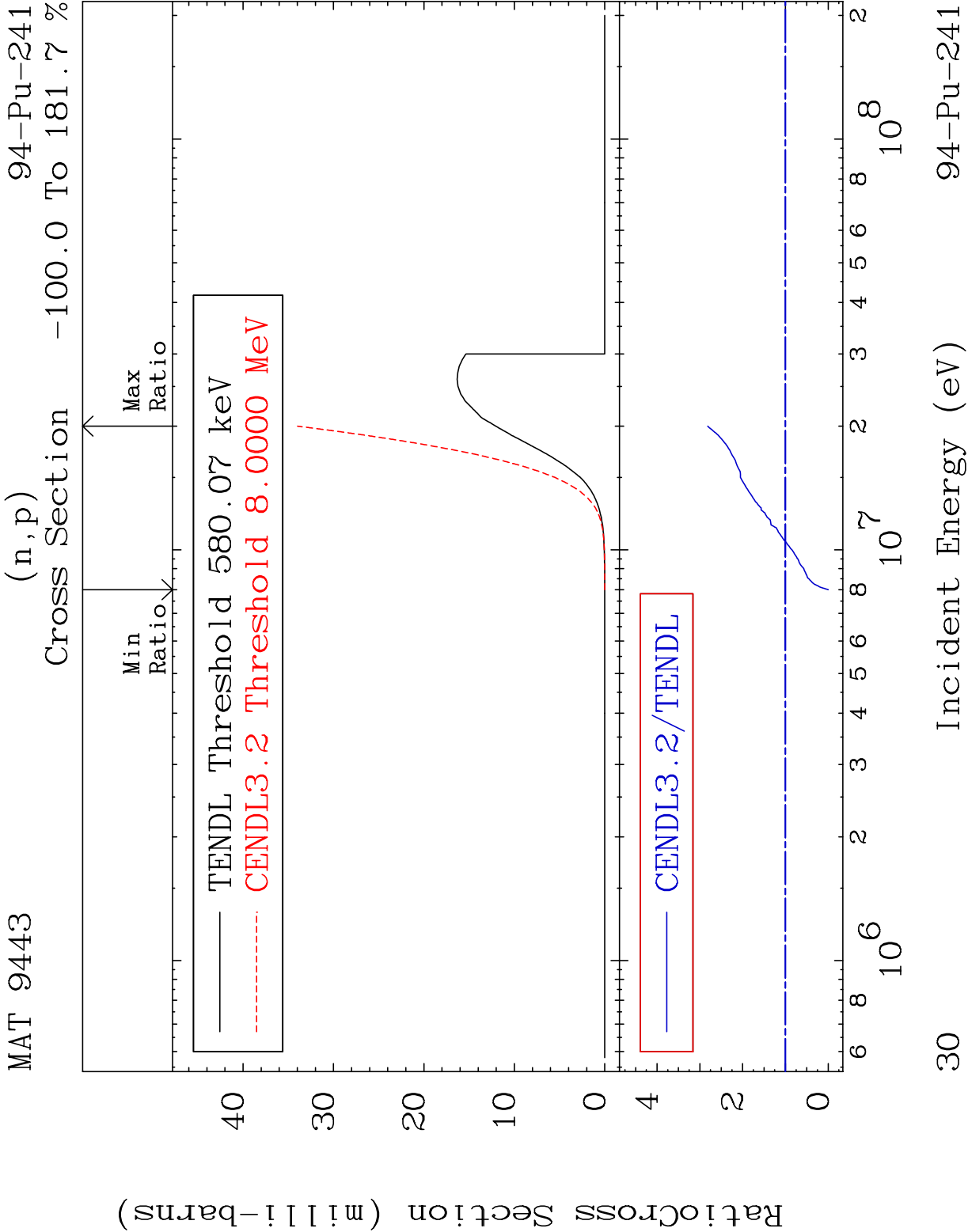


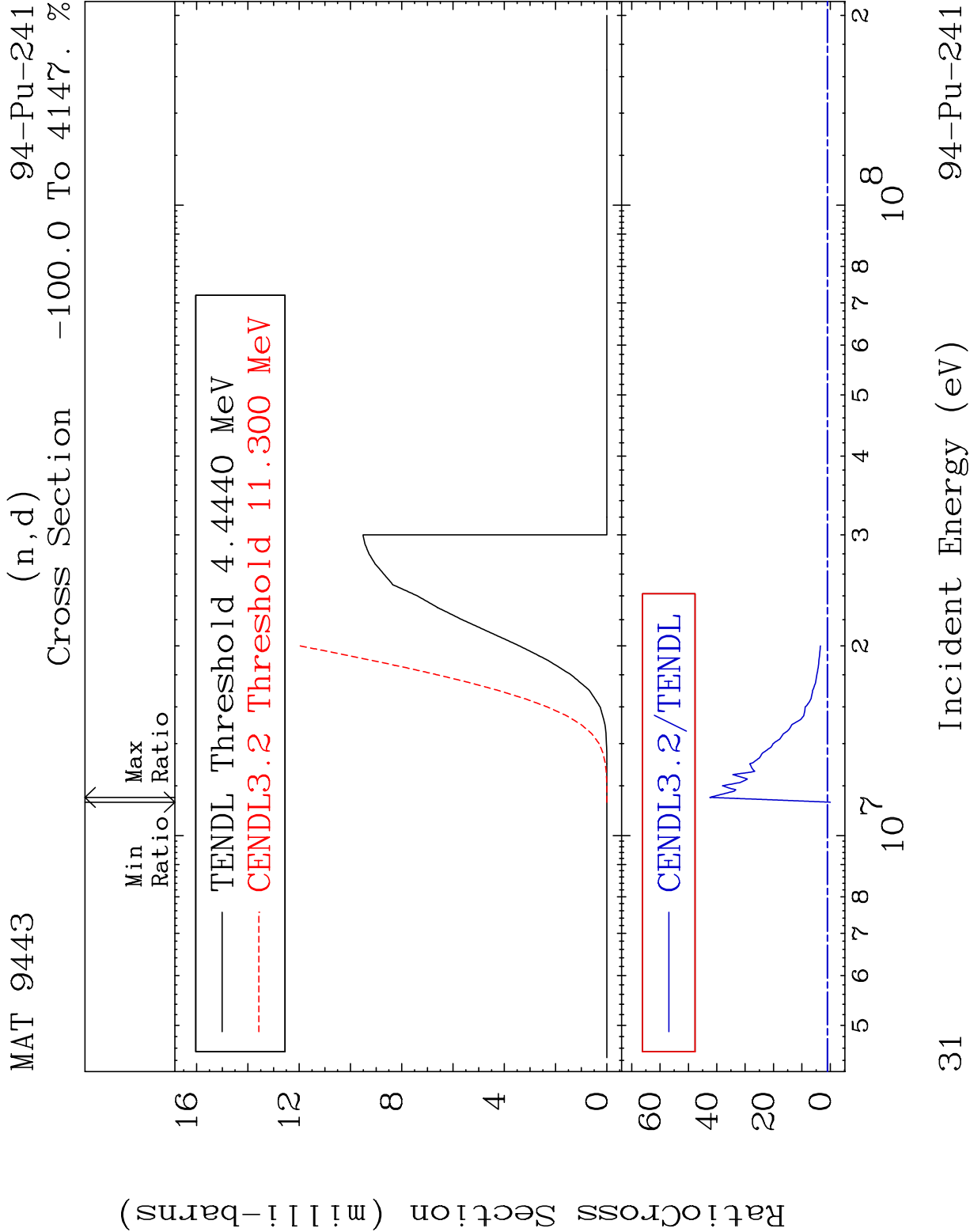


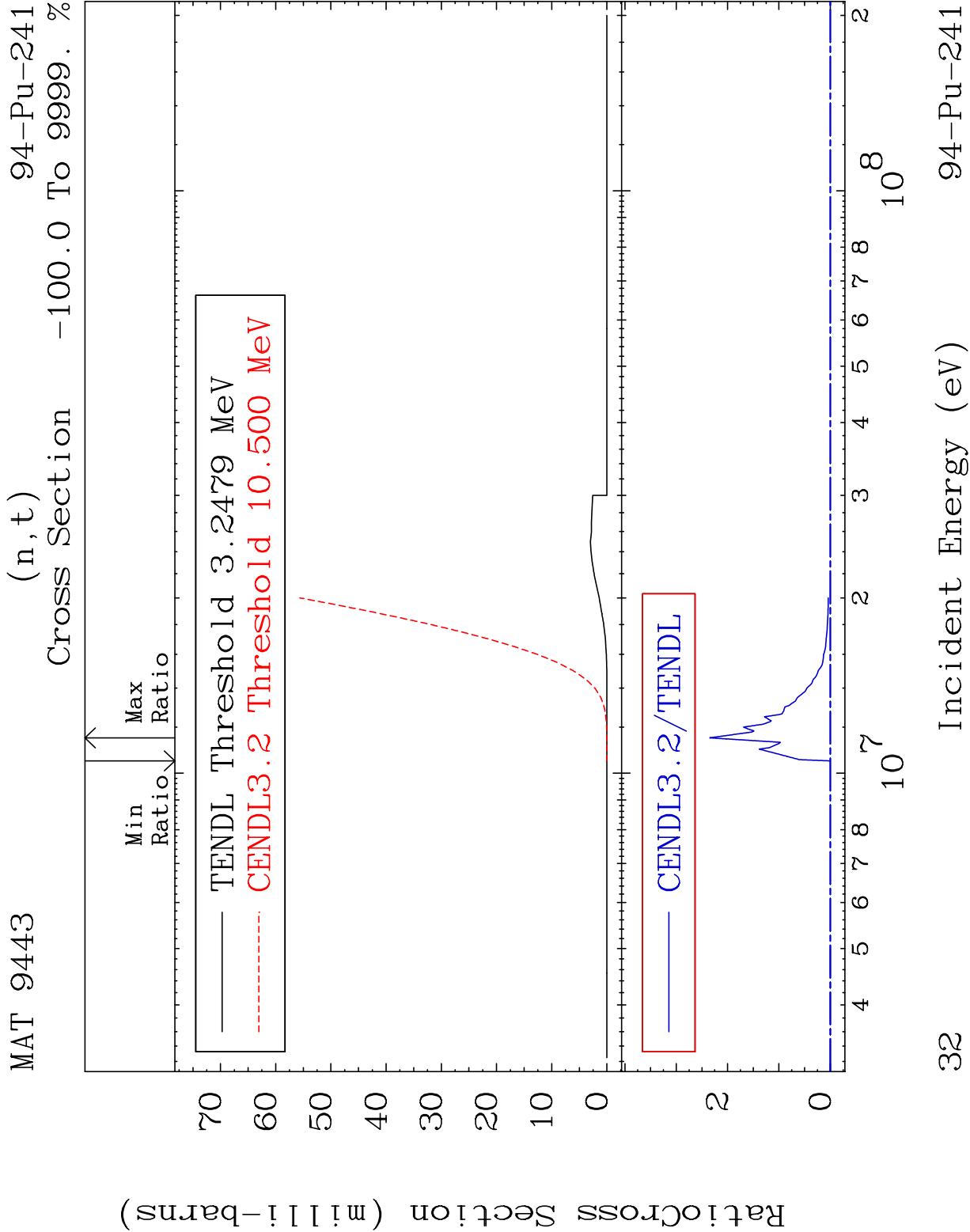


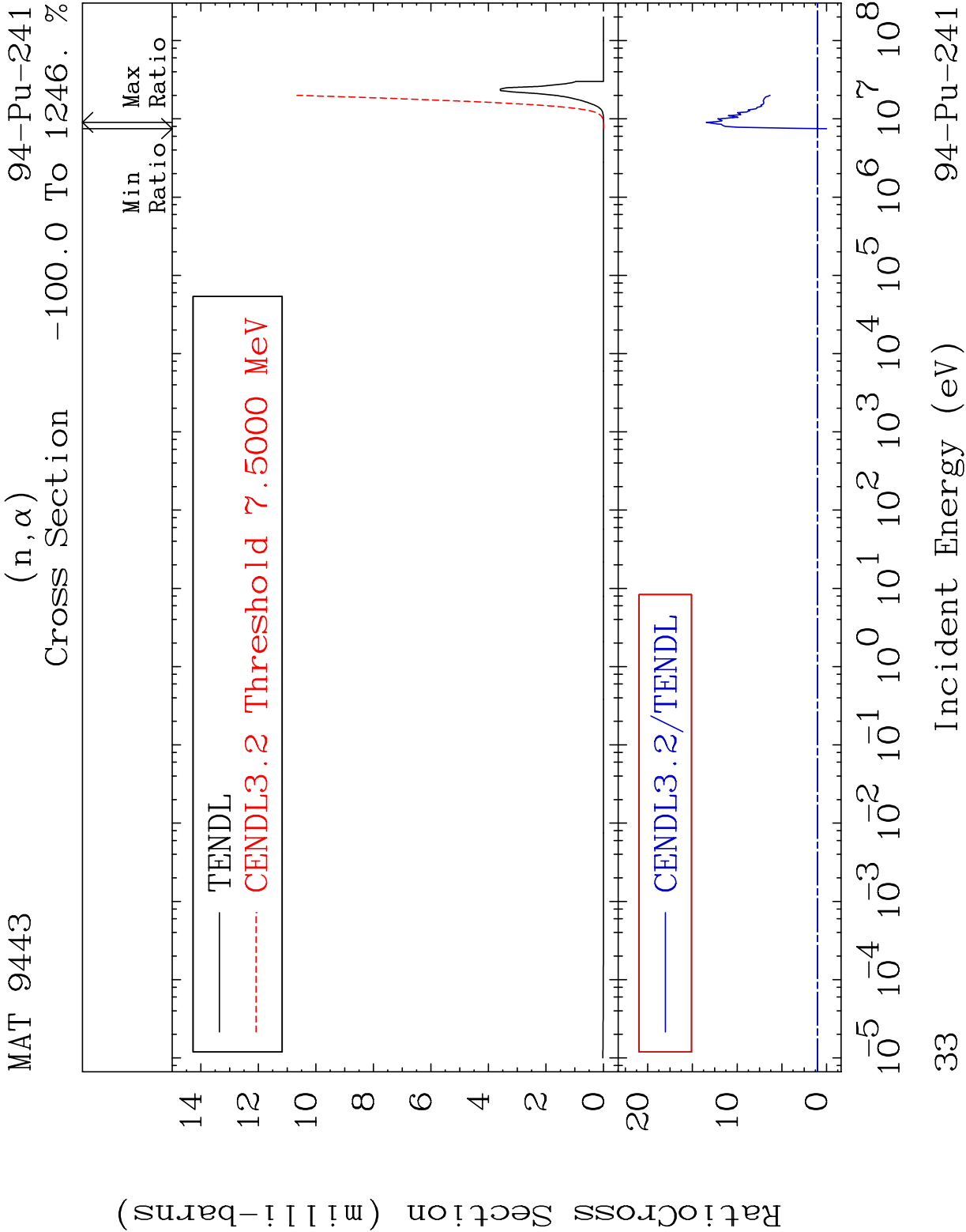


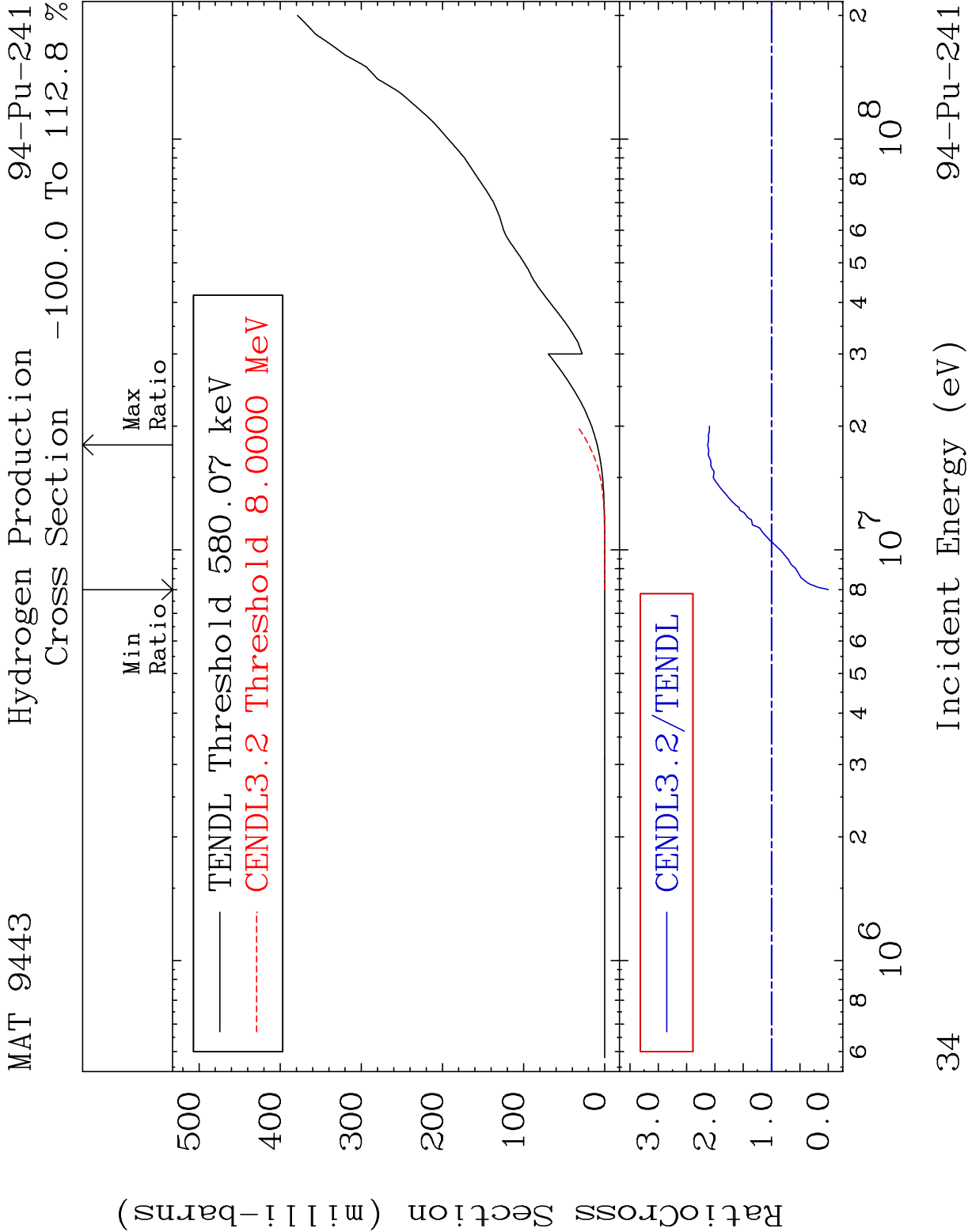


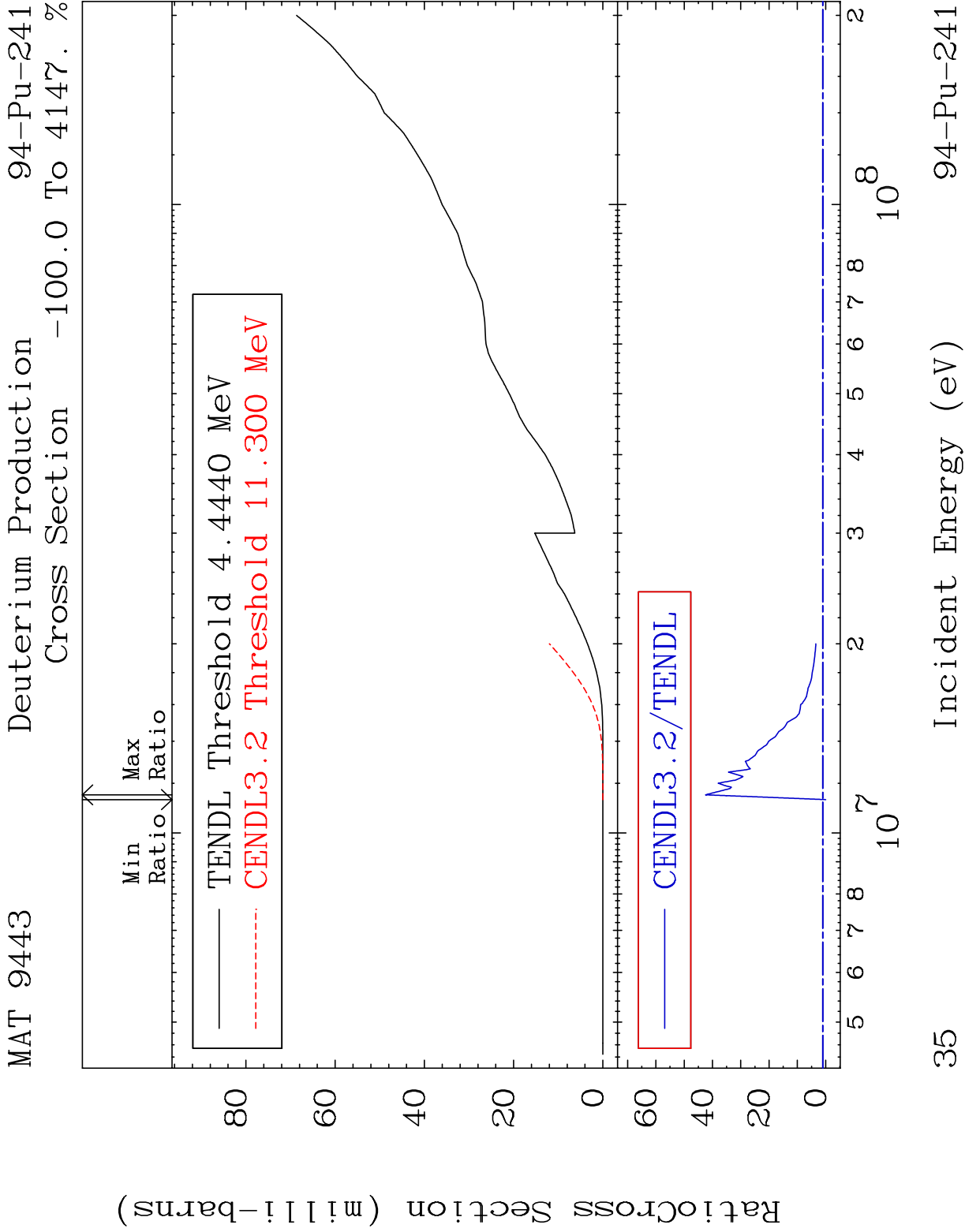








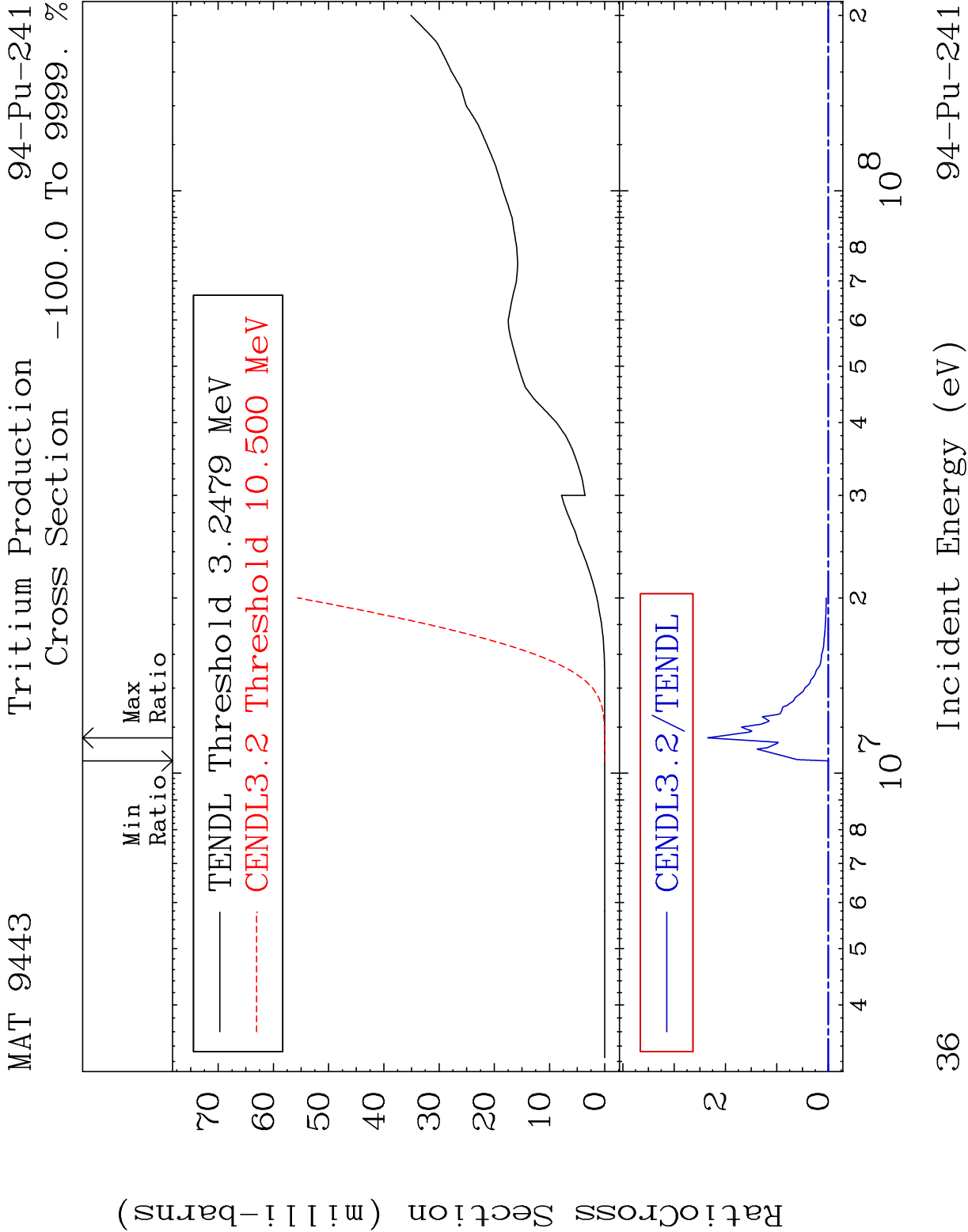


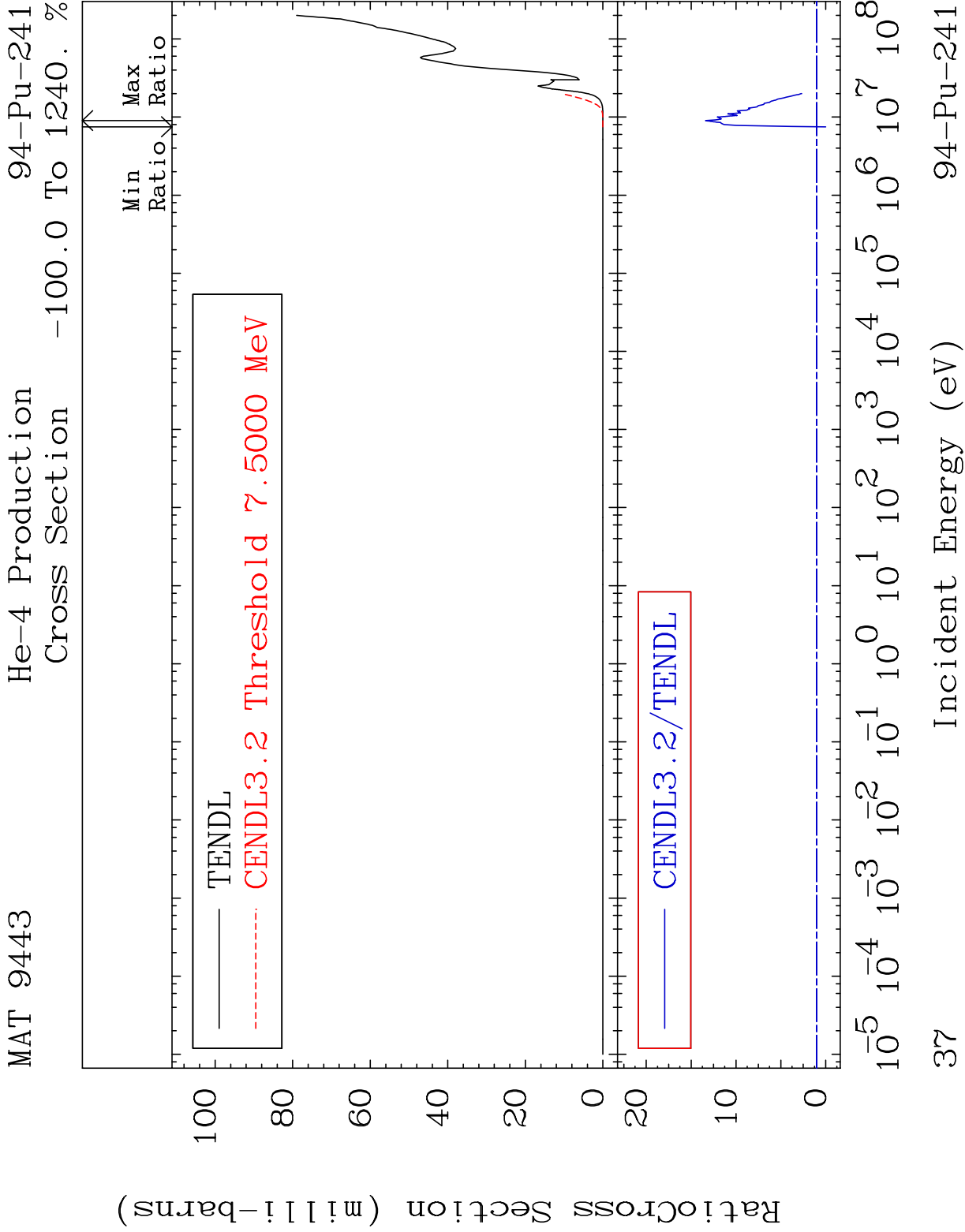


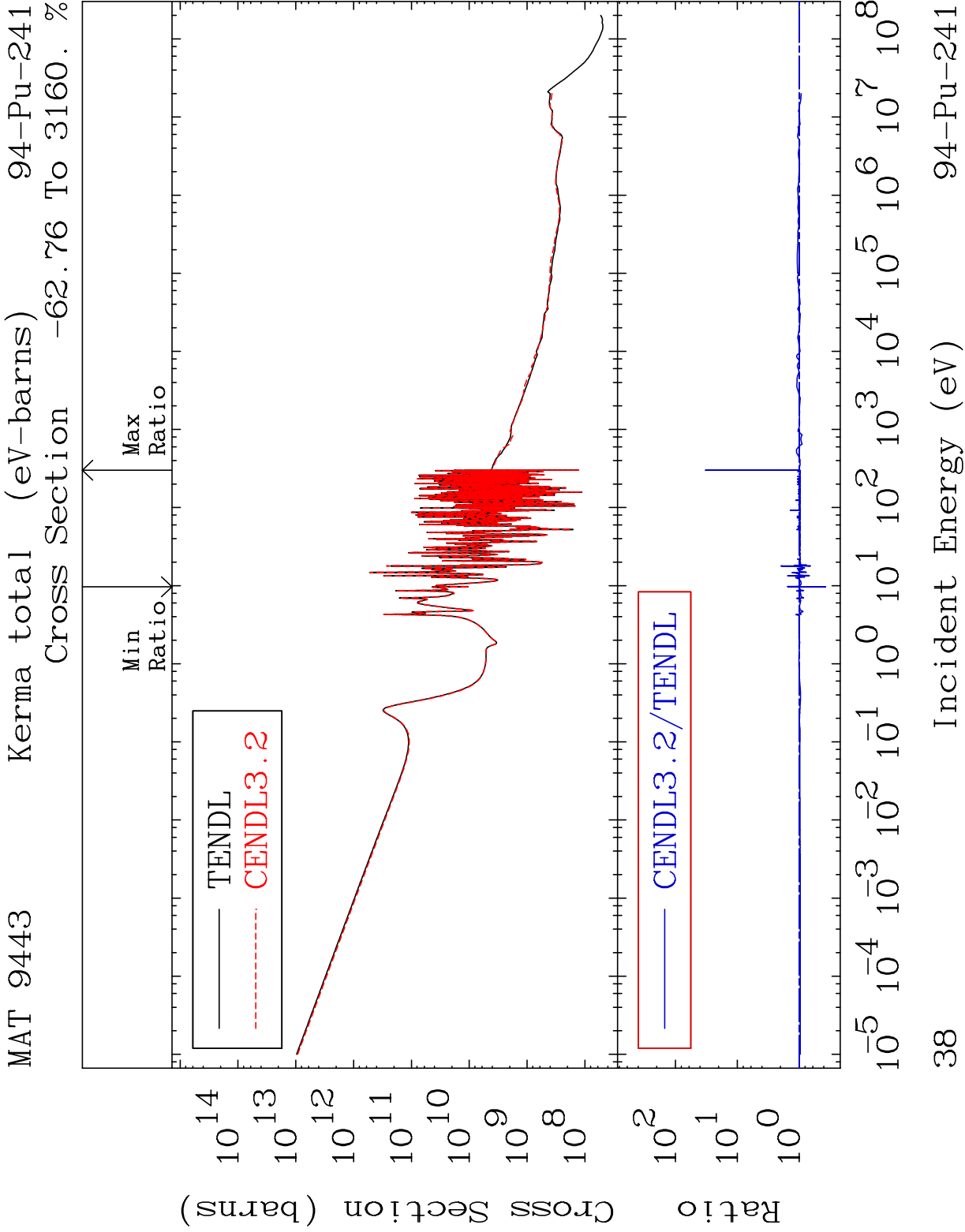
35

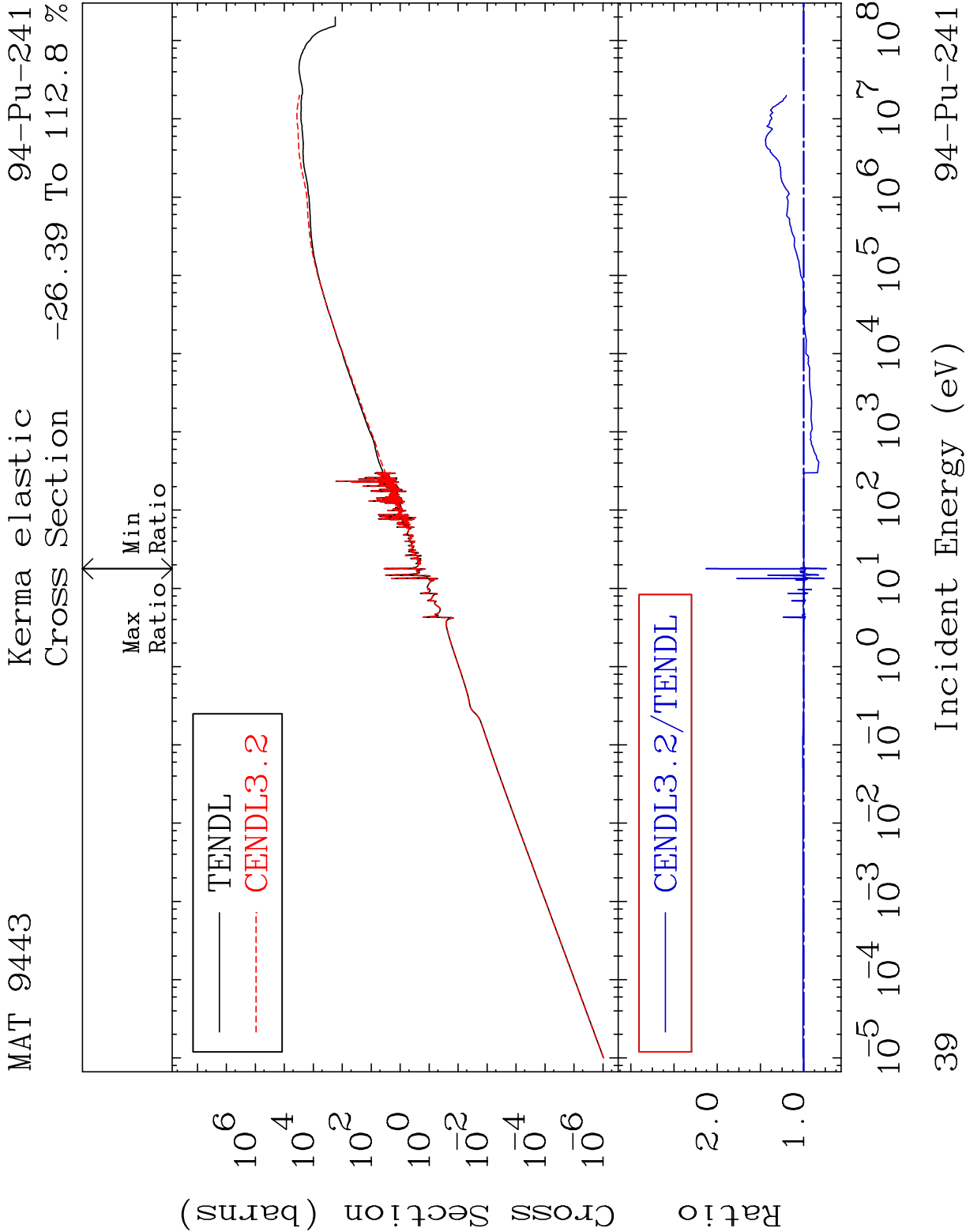
Incident Energy (eV)

94-Pu-241

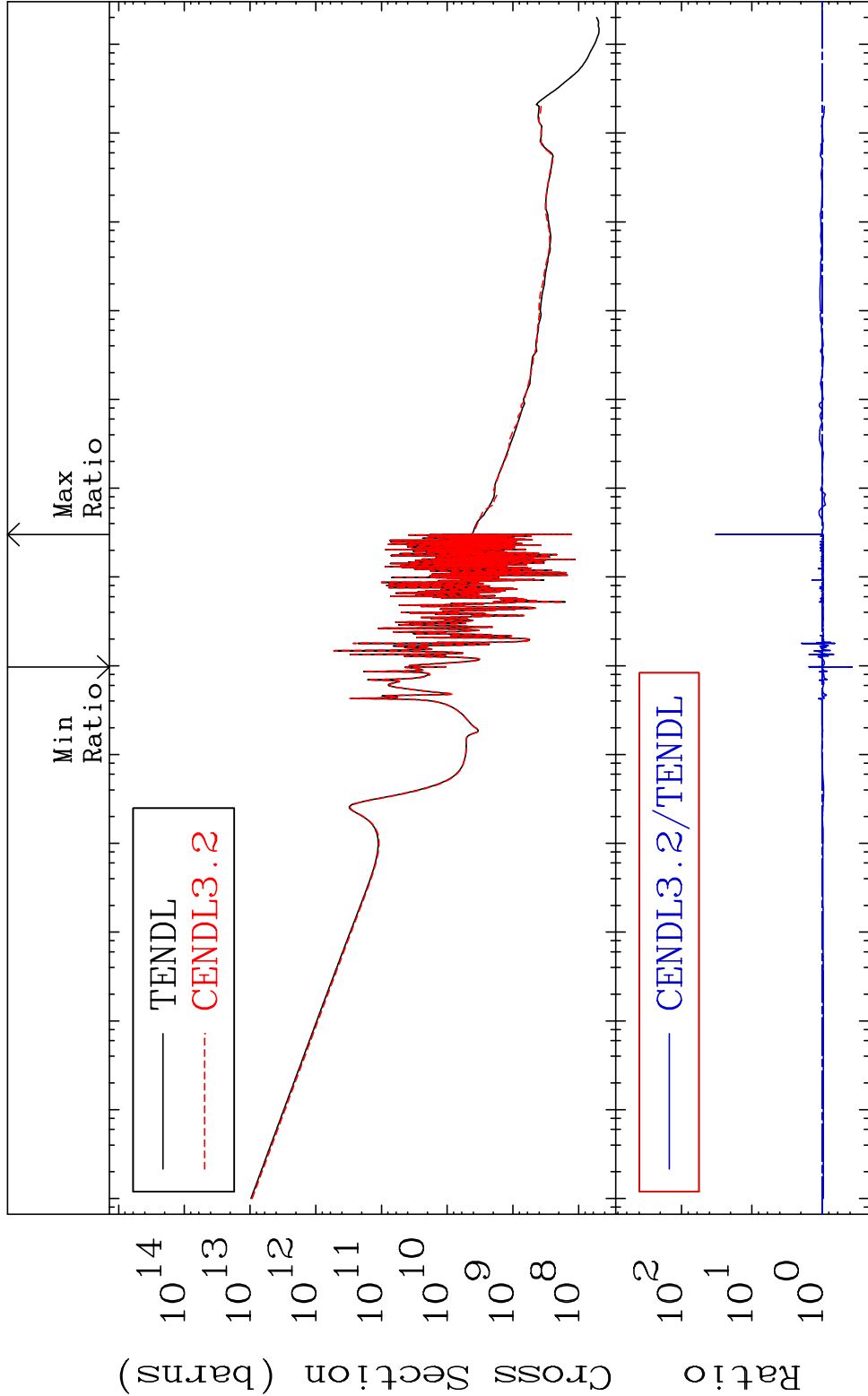




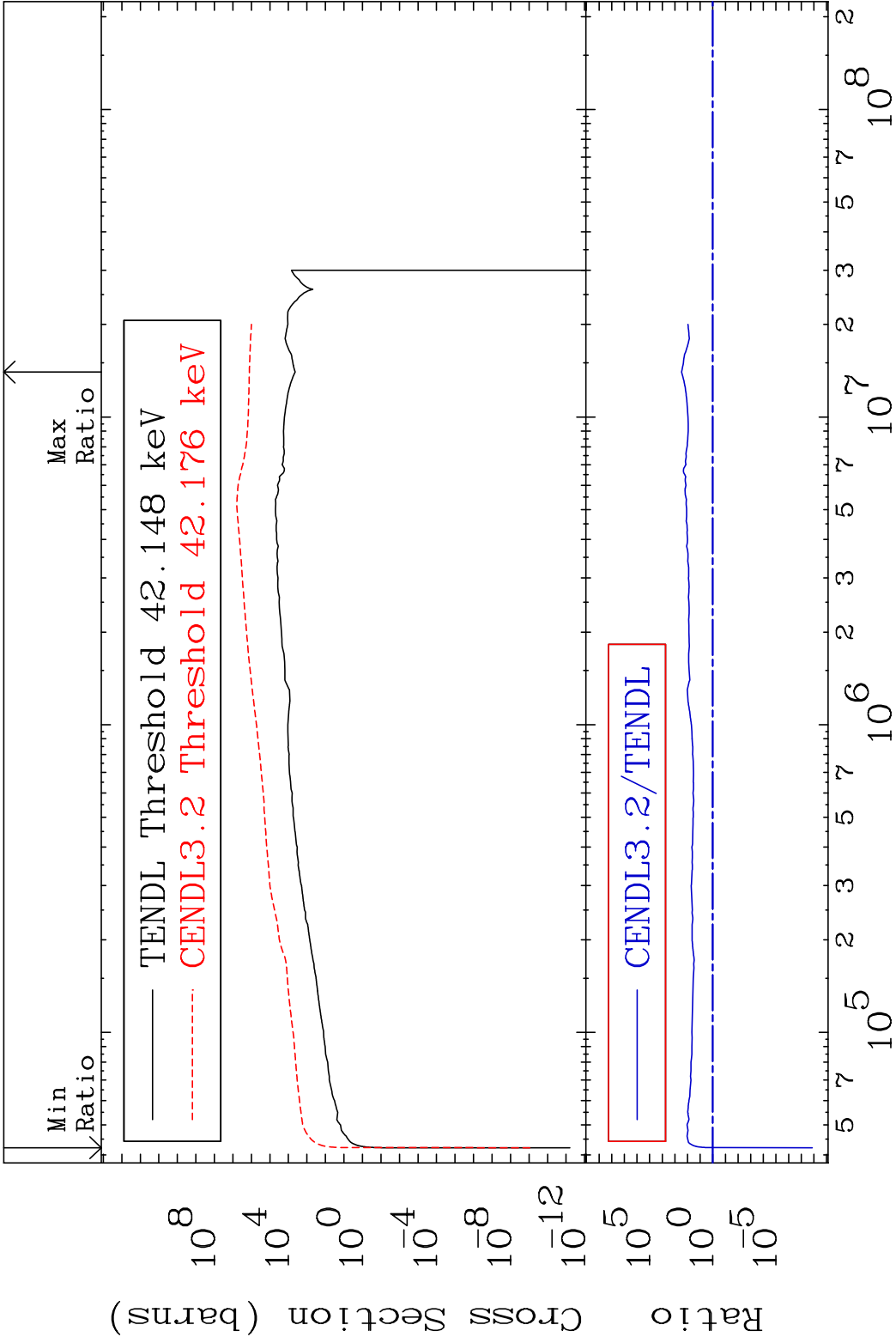




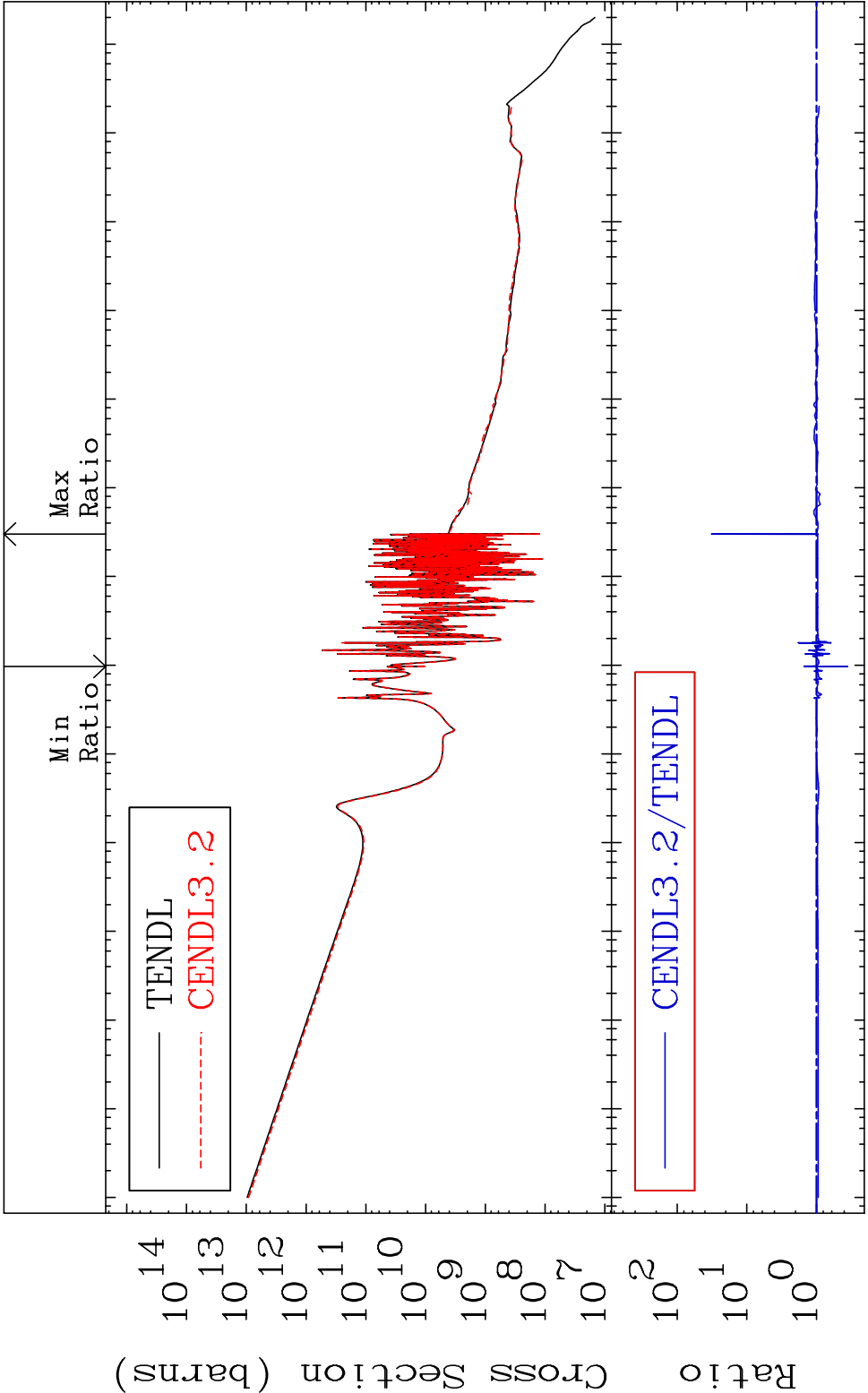
MAT 9443 Kerma non-elastic (all but mt2) 94-Pu-241
Cross Section -62.76 To 3160. %



40 Incident Energy (eV) 94-Pu-241

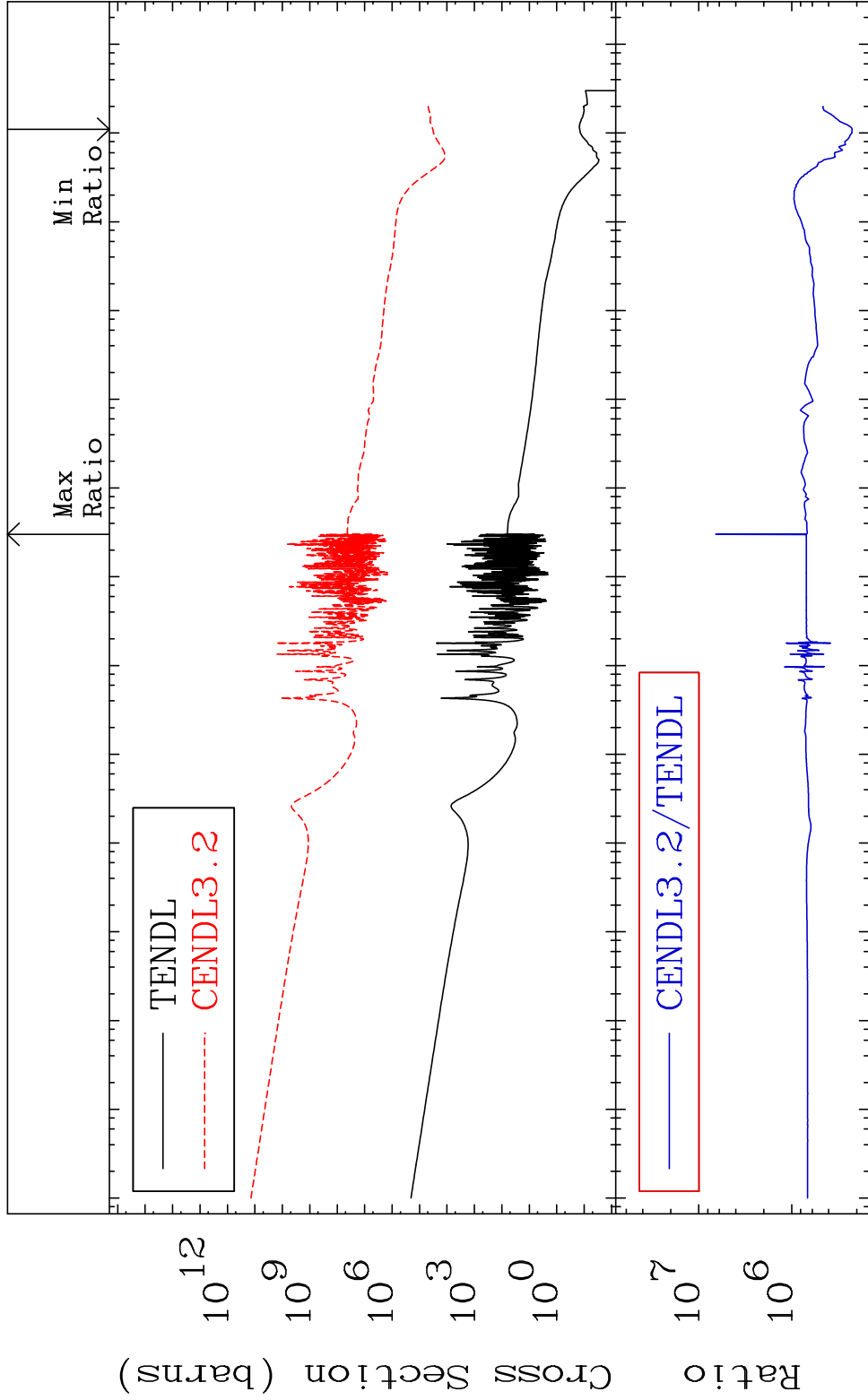


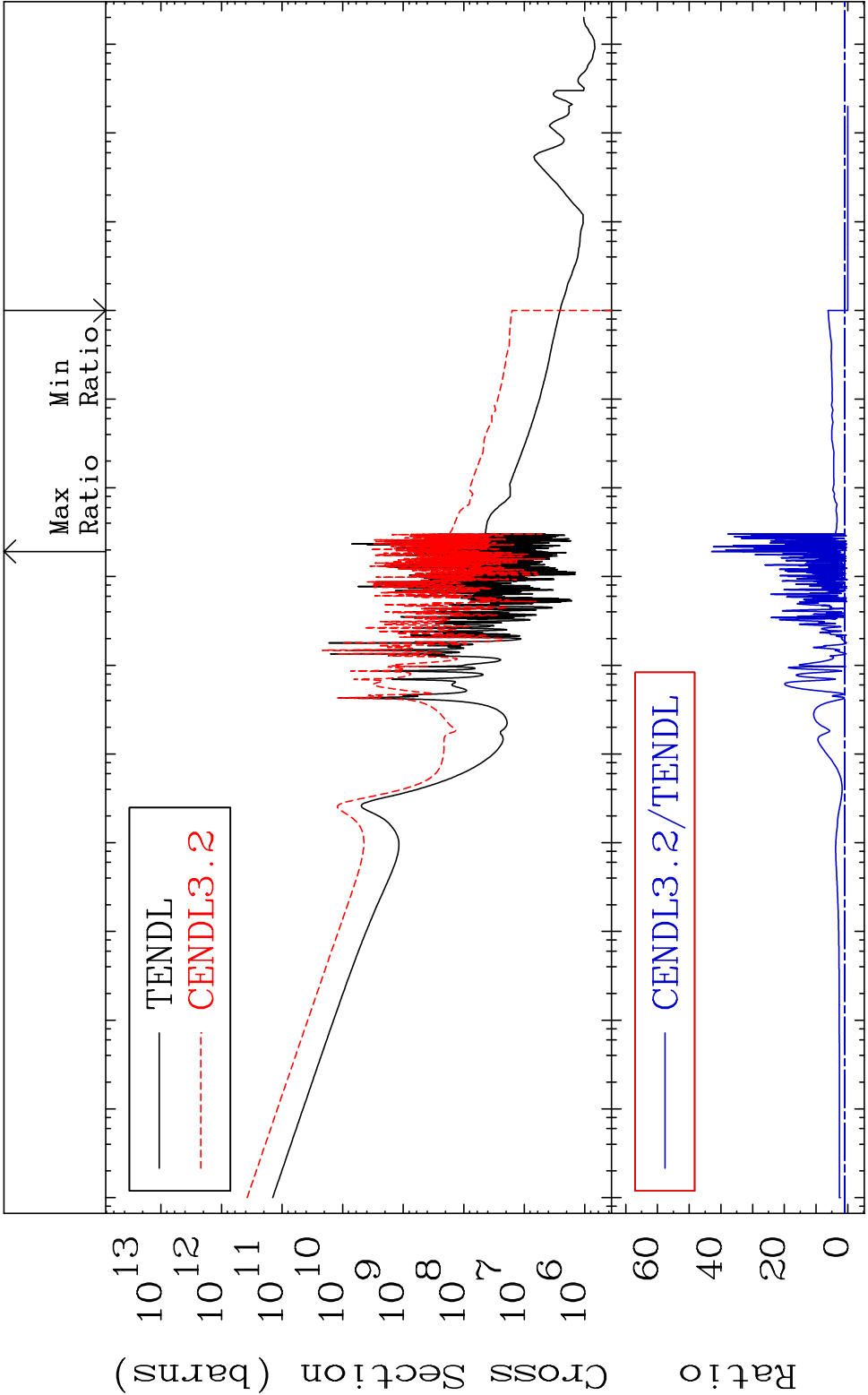
MAT 9443Kerma fission (mt18 or mt19-20-21-38)94-Pu-241
Cross Section -64.49 To 3126. %



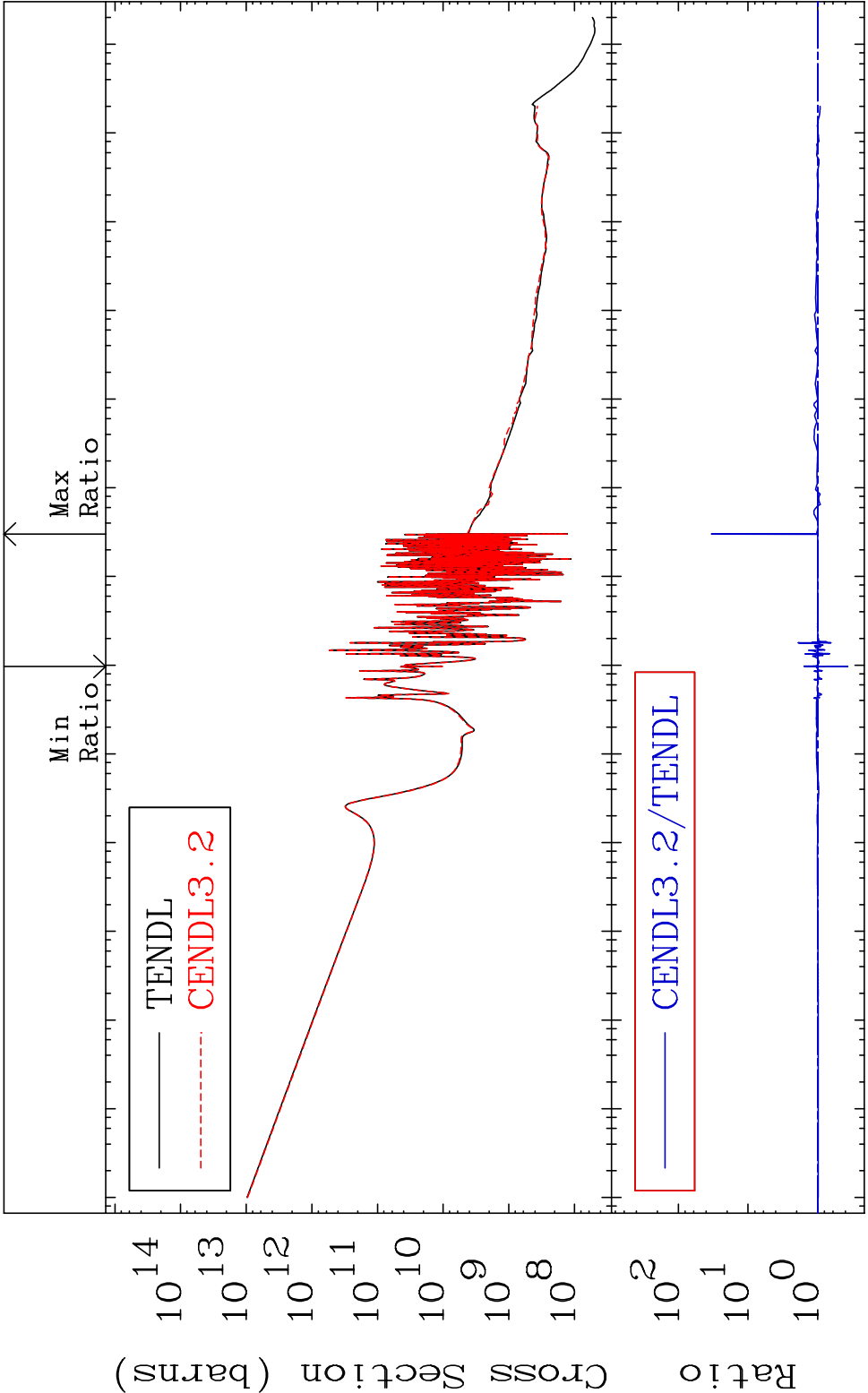
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

42 Incident Energy (eV) 94-Pu-241





MAT 9443 Total kinematic kerma (high limit) 94-Pu-241
Cross Section -63.02 To 3259. %



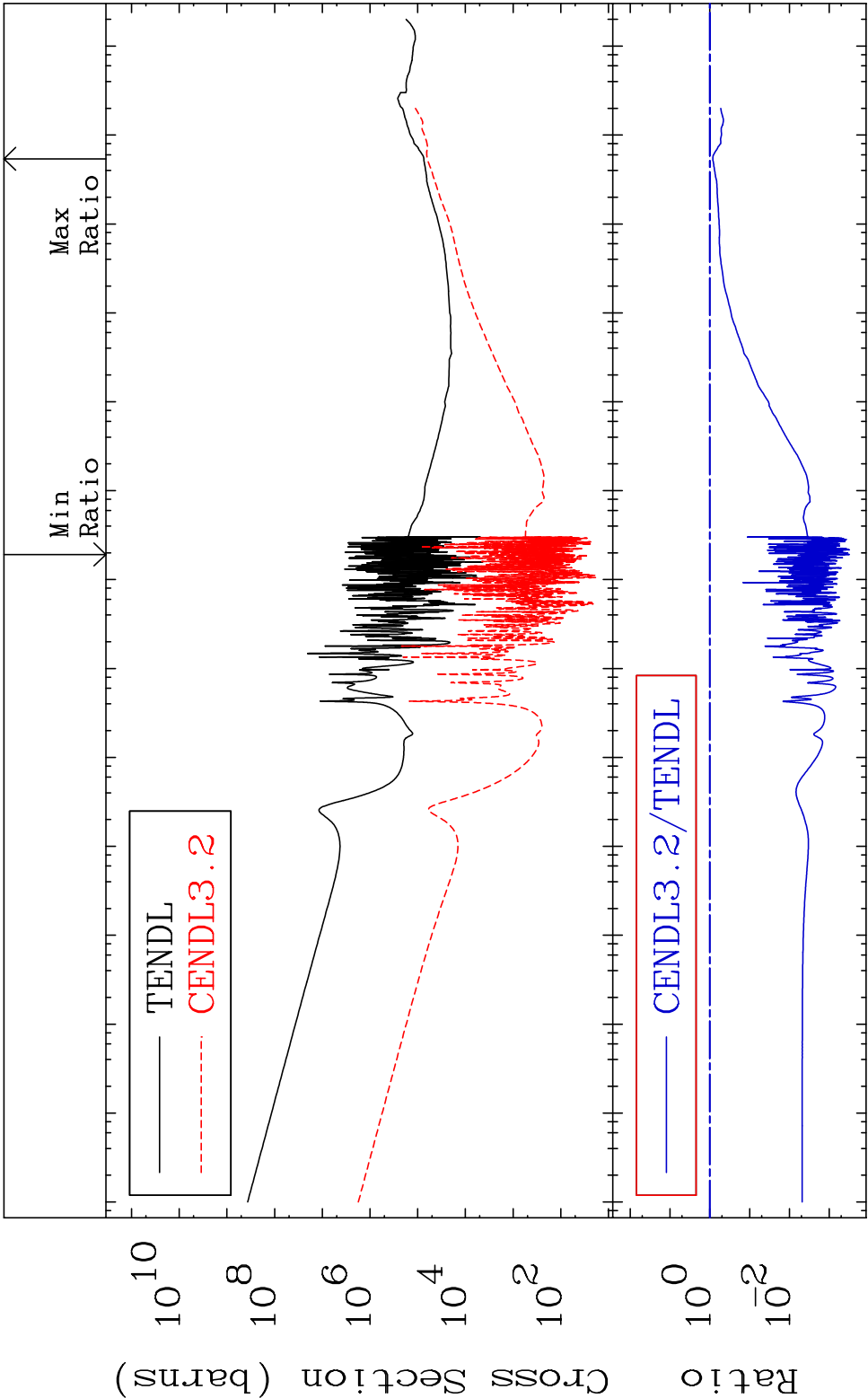
MAT 9443

Dpa total (eV-barns)

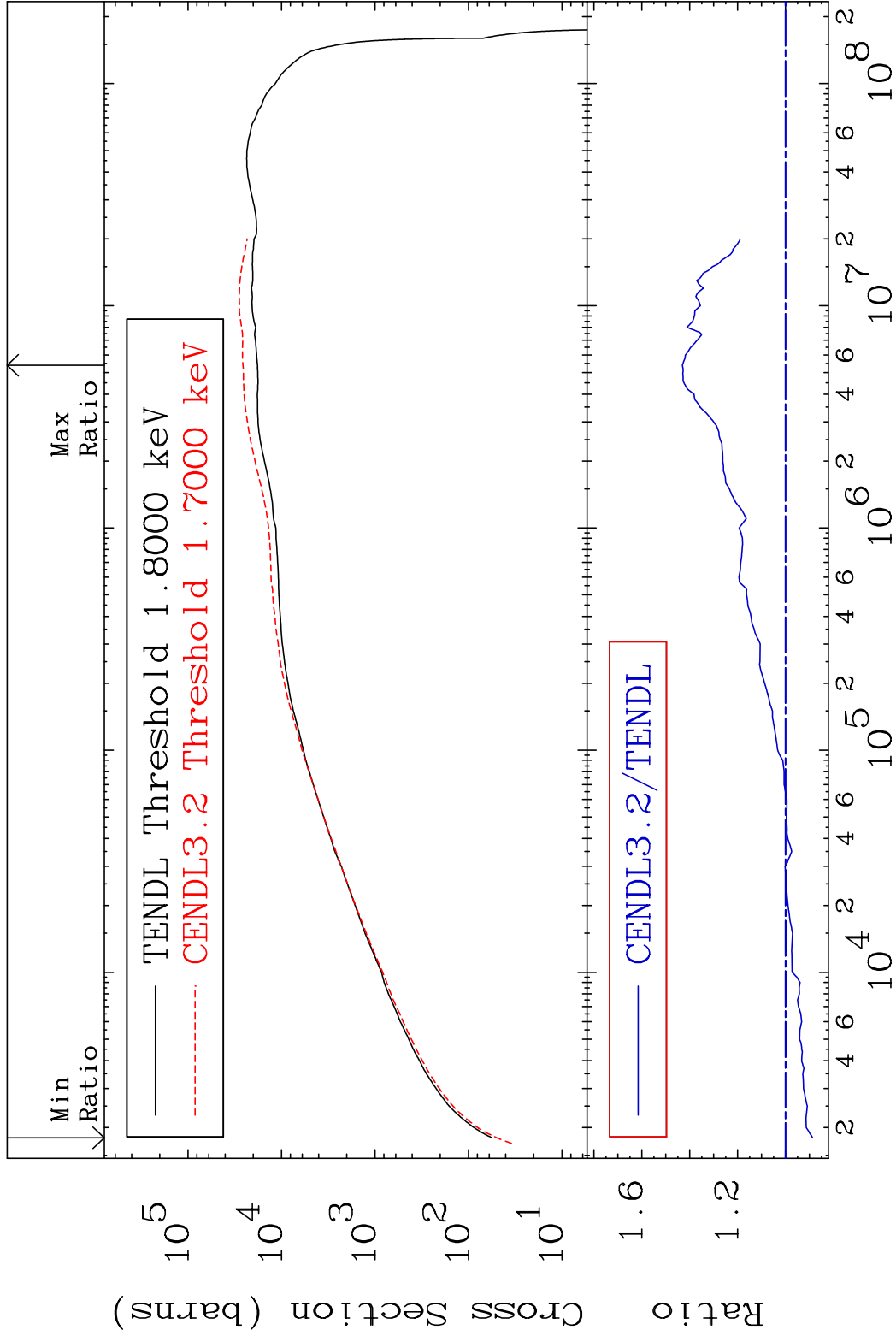
94-Pu-241

Cross Section

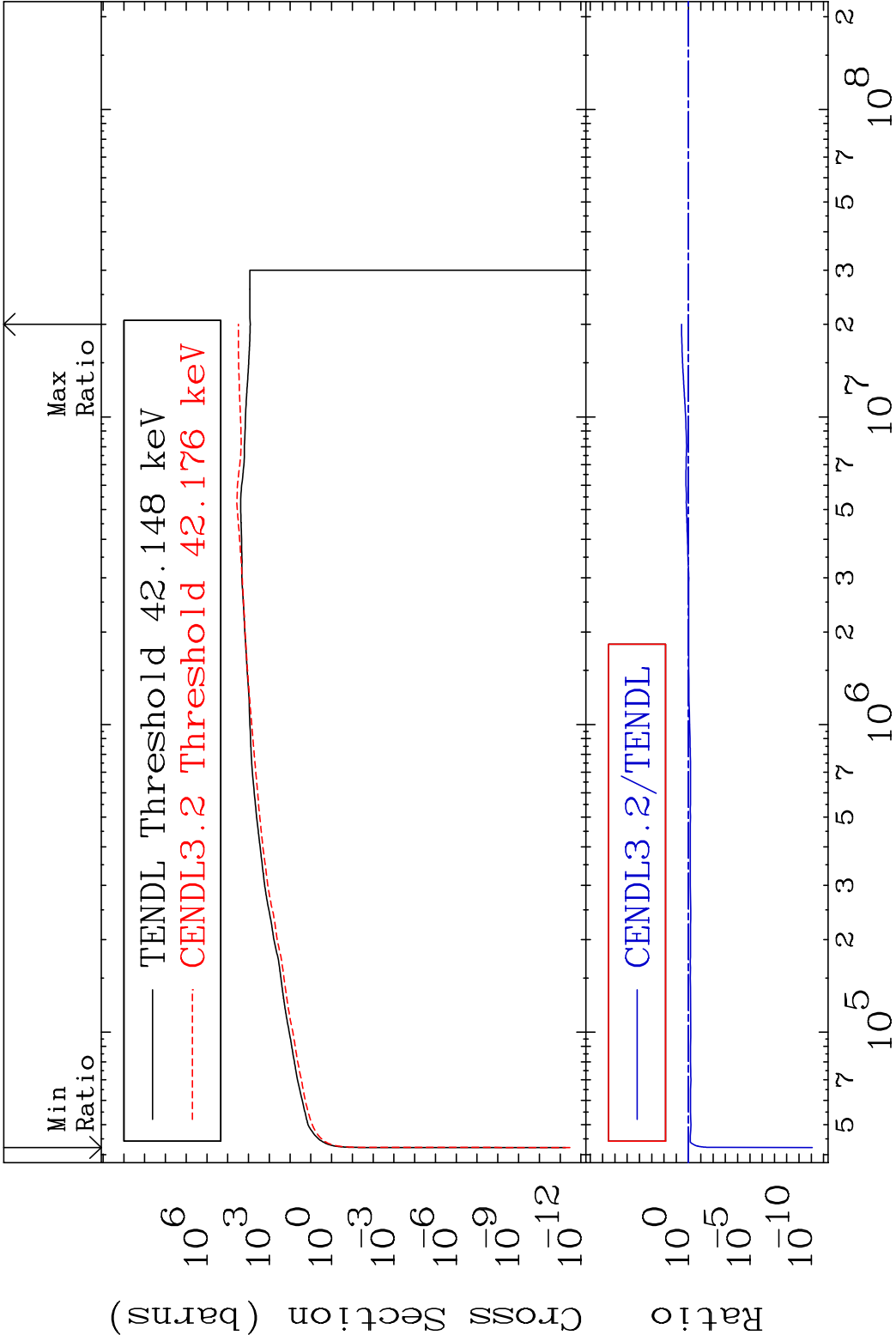
-99.97 To -15.77%



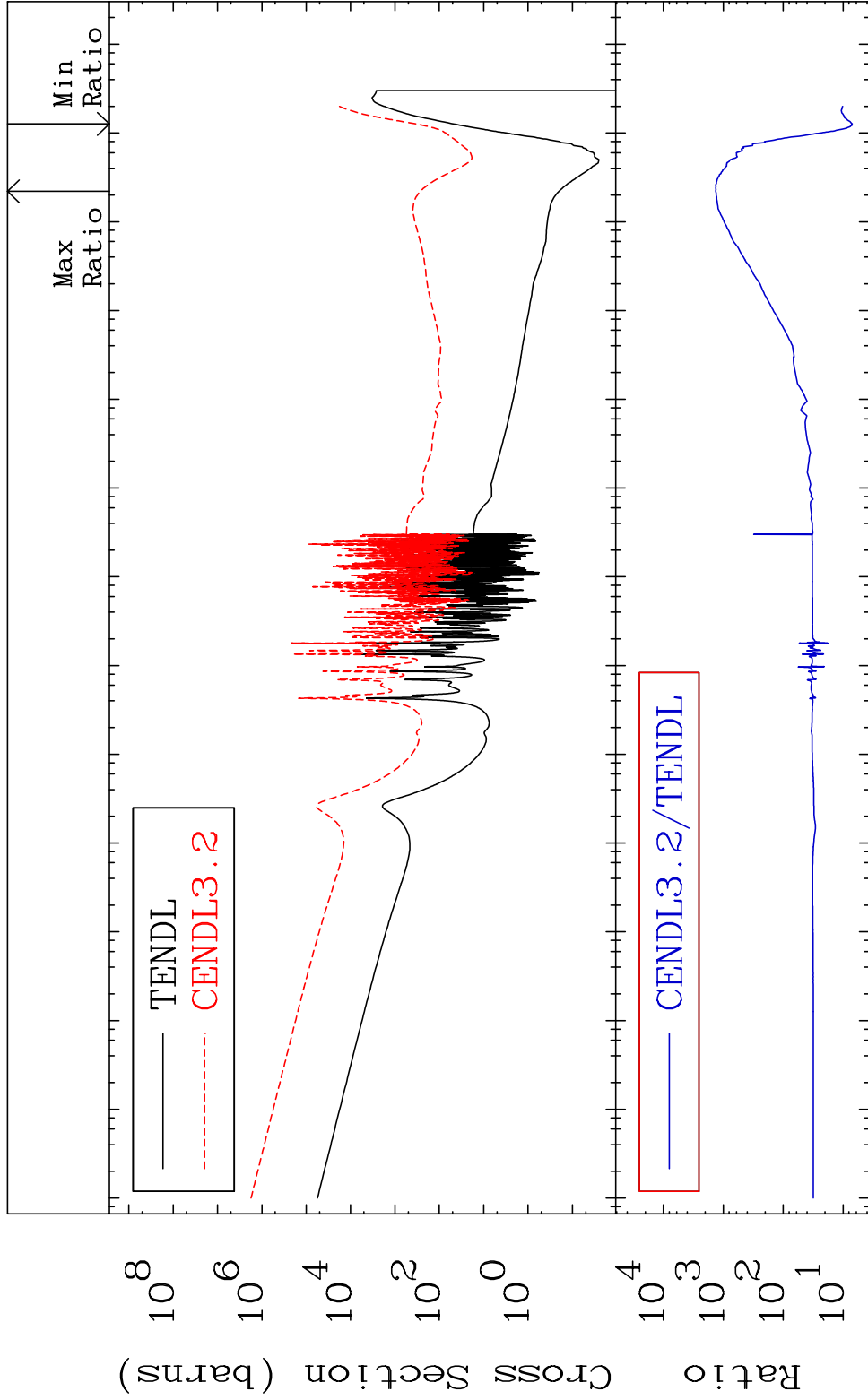
MAT 9443 Dpa elastic (mt2) 94-Pu-241
Cross Section -11.31 To 43.09 %



MAT 9443 Dpa inelastic (mt51-91) 94-Pu-241
Cross Section -100.0 To 271.8 %

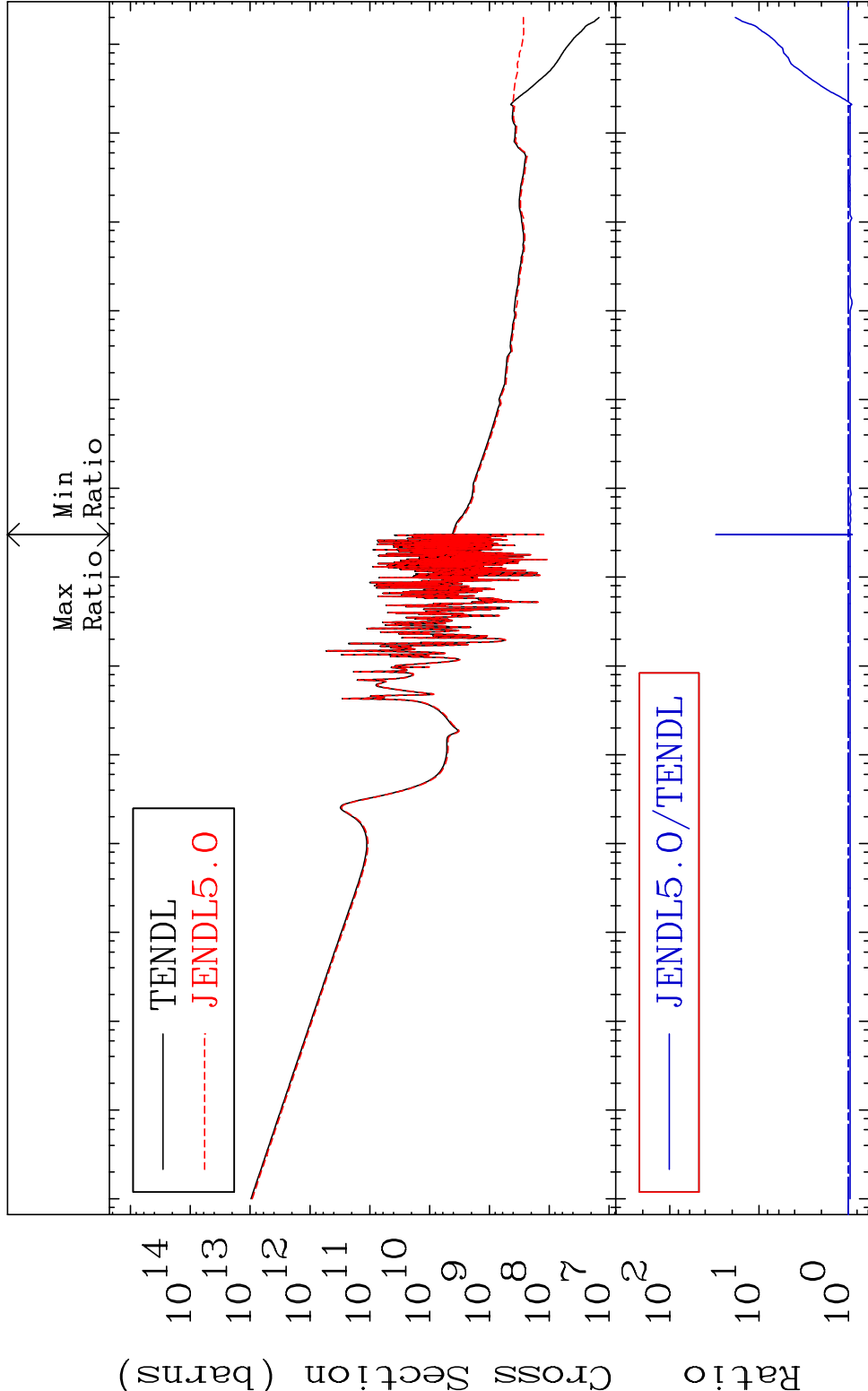


MAT 9443 Dpa disappearance (mt102 -120) 94-Pu-241
Cross Section 605.7 To 9999. %



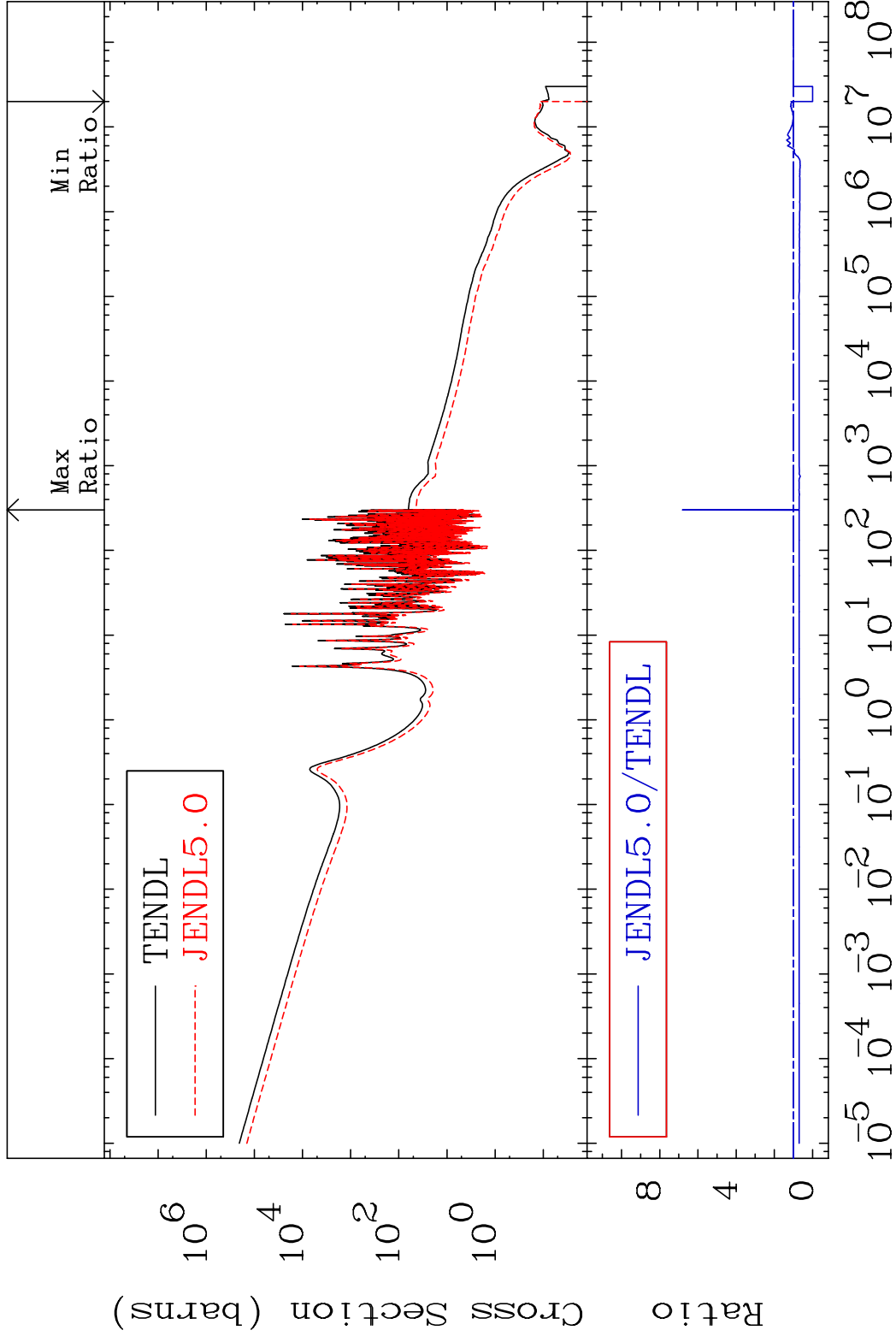
49 Incident Energy (eV) 94-Pu-241

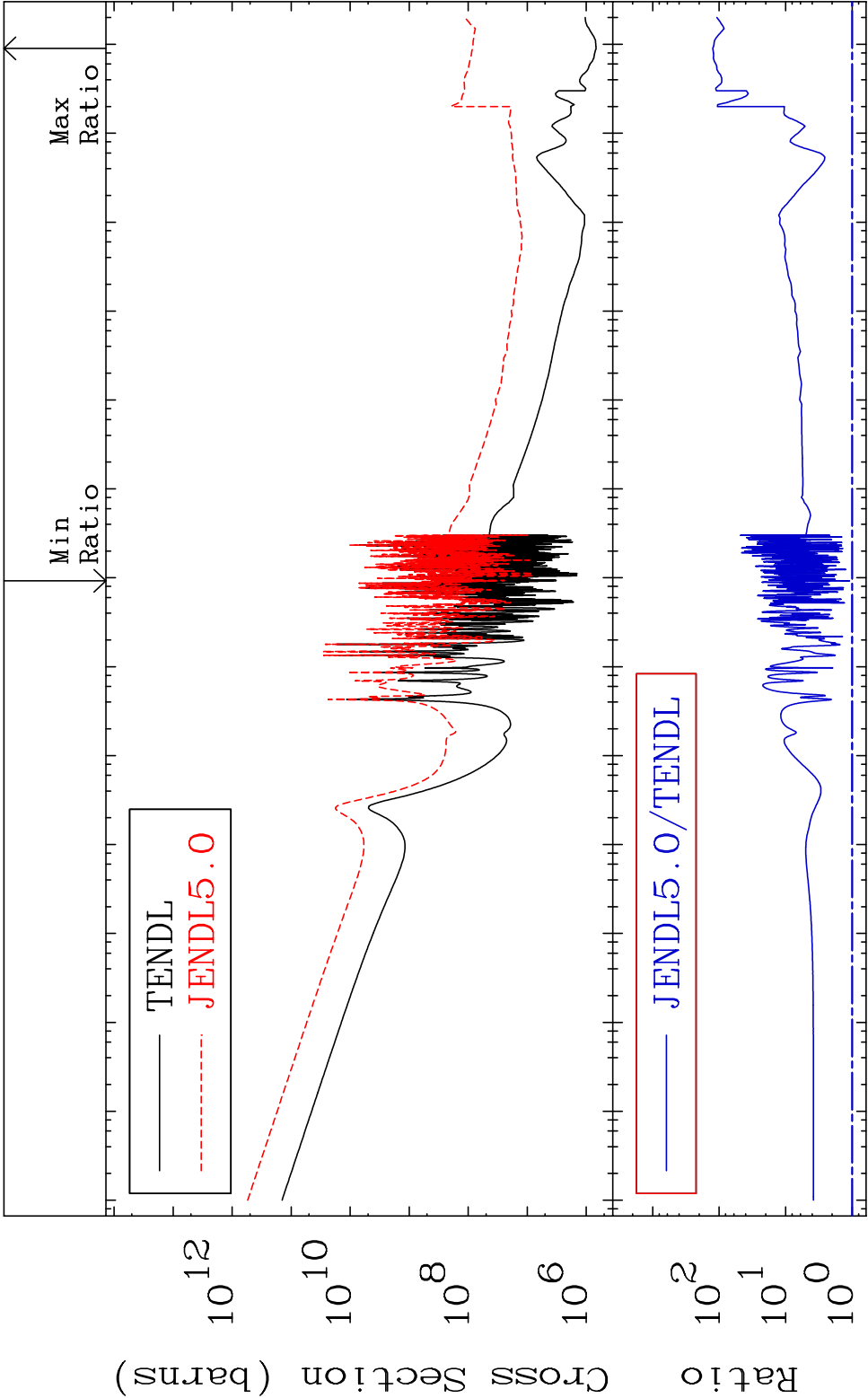
MAT 9443Kerma fission (mt18 or mt19-20-21-38)94-Pu-241
Cross Section -9.433 To 2961. %



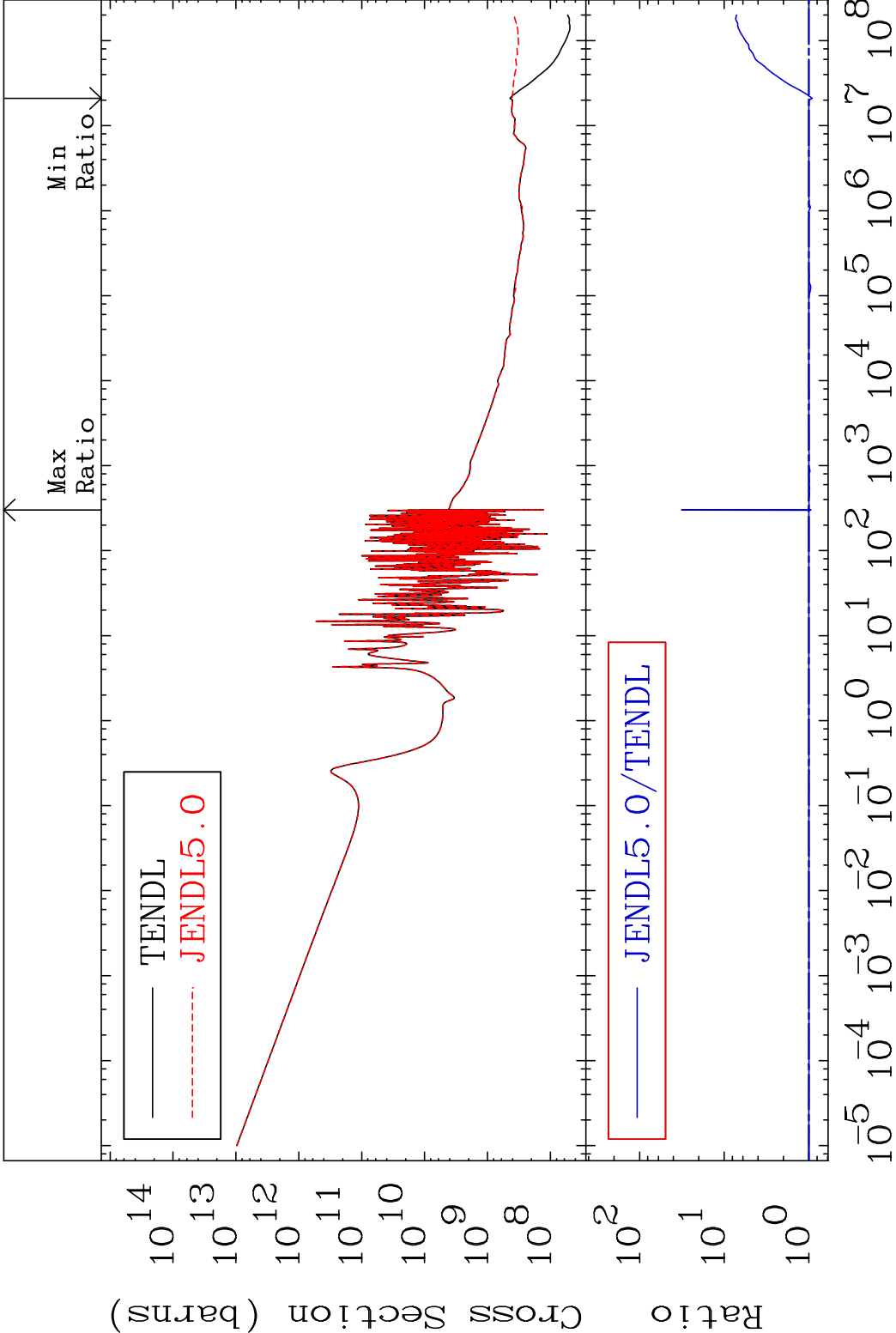
50 Incident Energy (eV) 94-Pu-241

MAT 9443 Kerma capture (mt102) 94-Pu-241
Cross Section -100.0 To 581.6 %



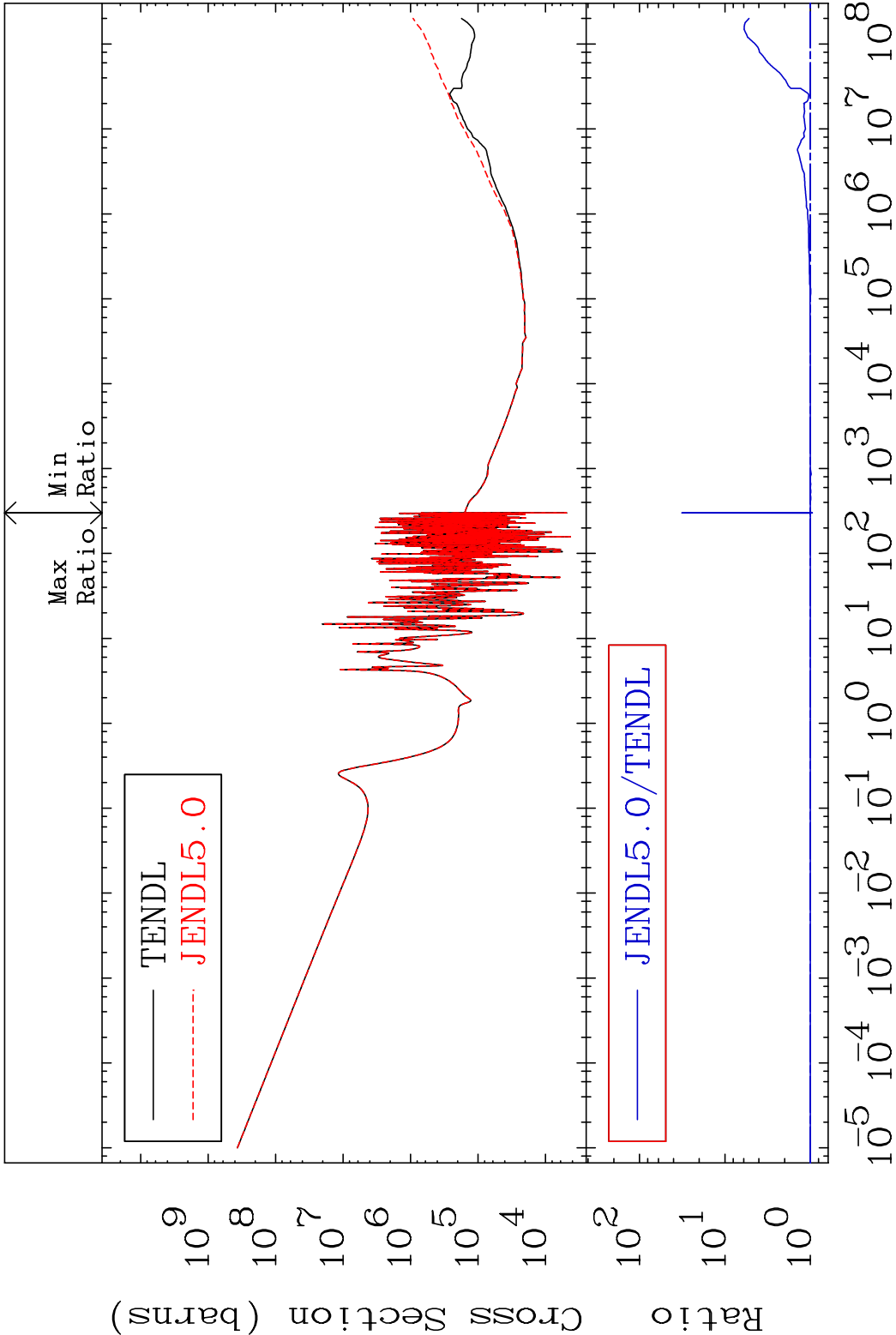


MAT 9443 Total kinematic kerma (high limit) 94-Pu-241
Cross Section -8.720 To 3094. %

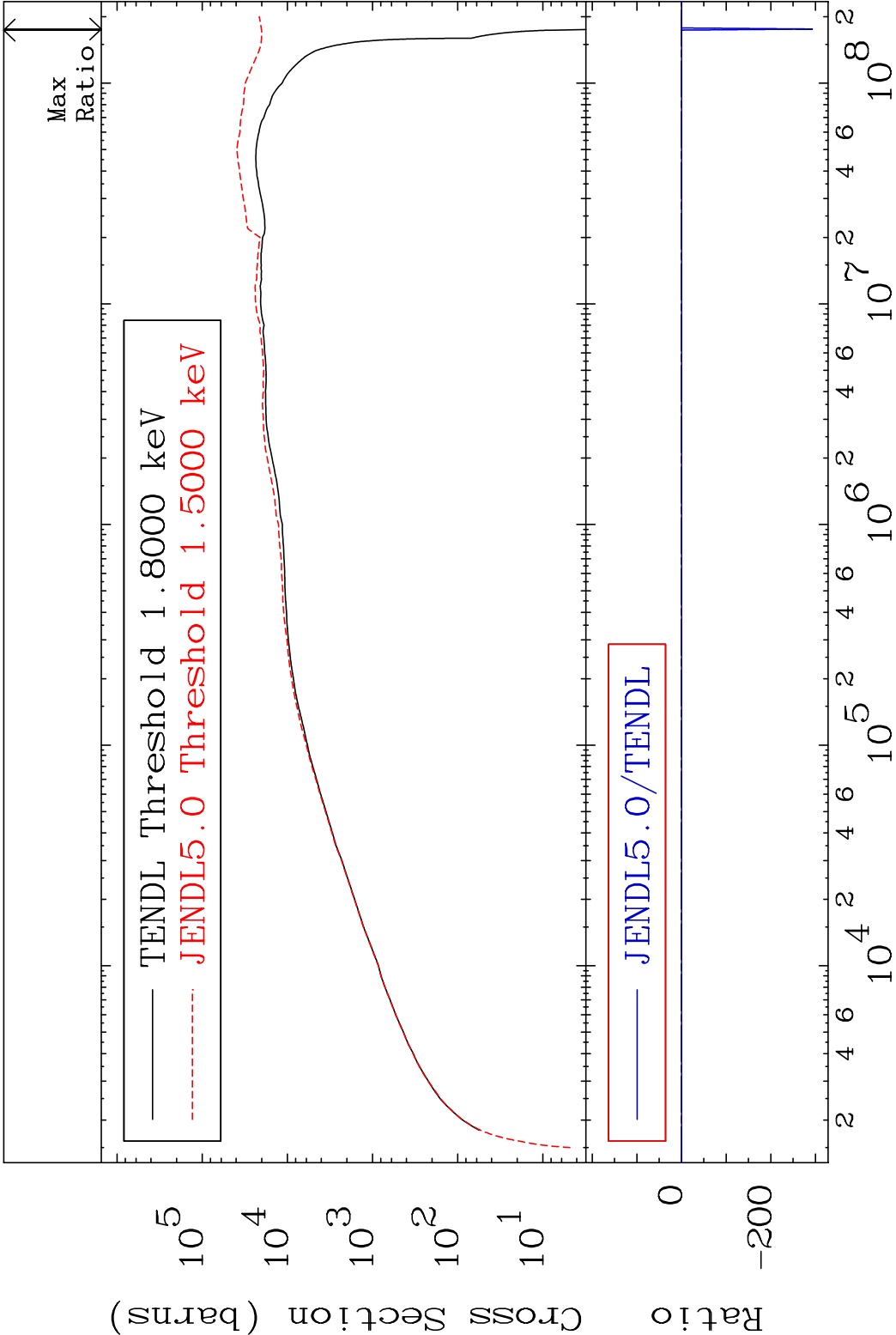


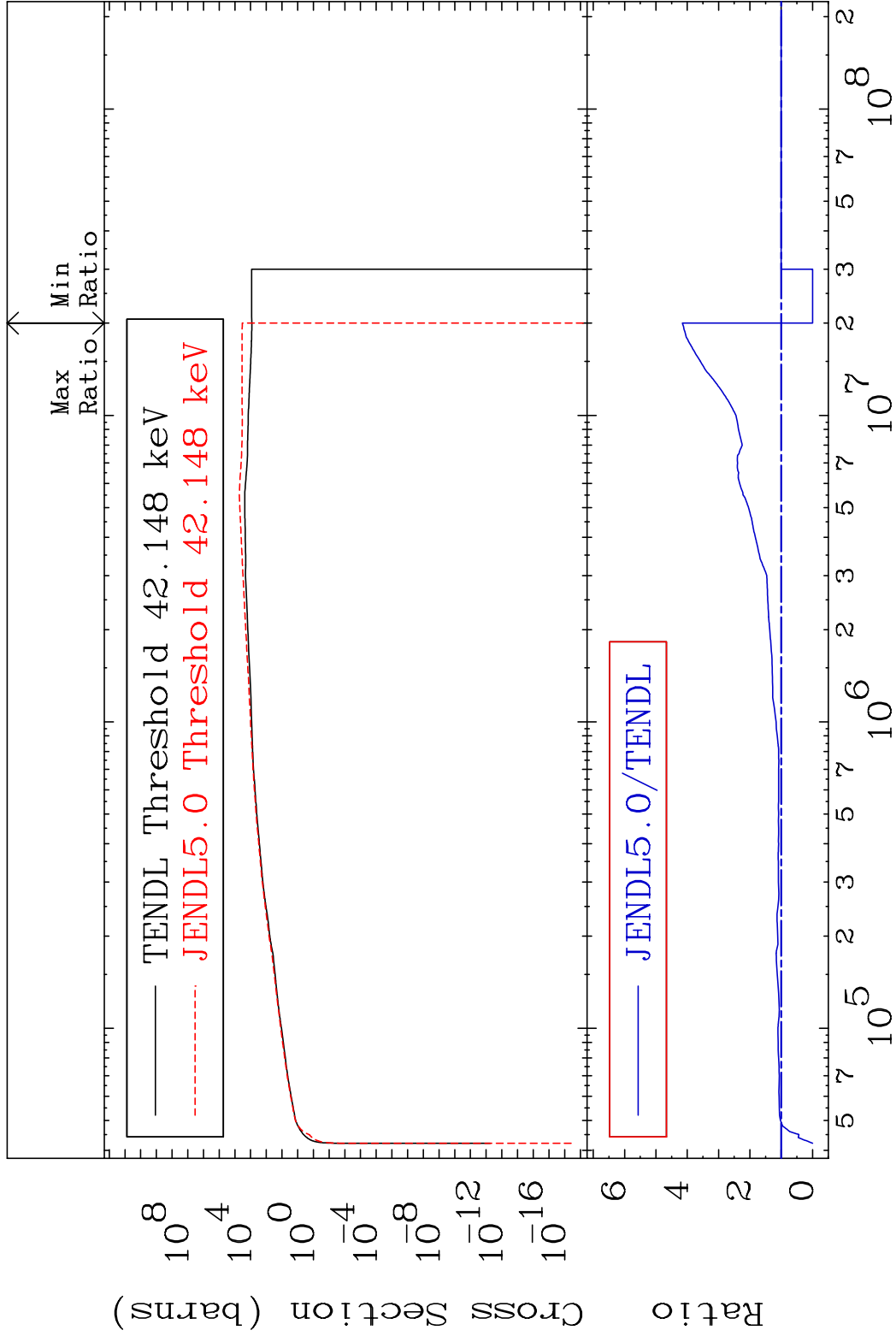
53 Incident Energy (eV) 94-Pu-241

MAT 9443 Dpa total (eV-barns) 94-Pu-241
Cross Section -5.284 To 3100. %



54 Incident Energy (eV) 94-Pu-241





MAT 9443 Dpa disappearance (mt102 -120) 94-Pu-241
Cross Section -100.0 To 389.9 %

