

Program Complot
(Version 2021-1)

by

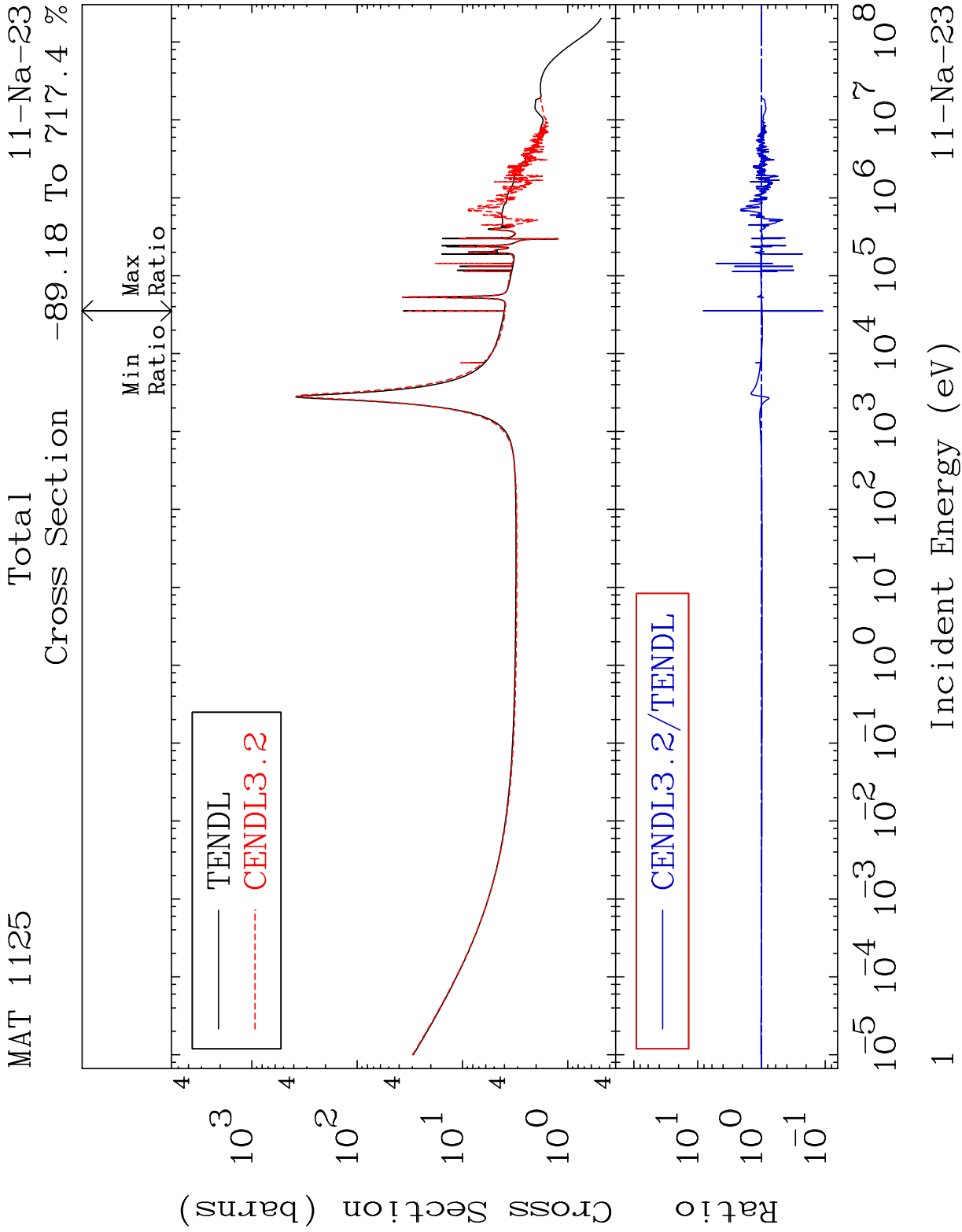
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start



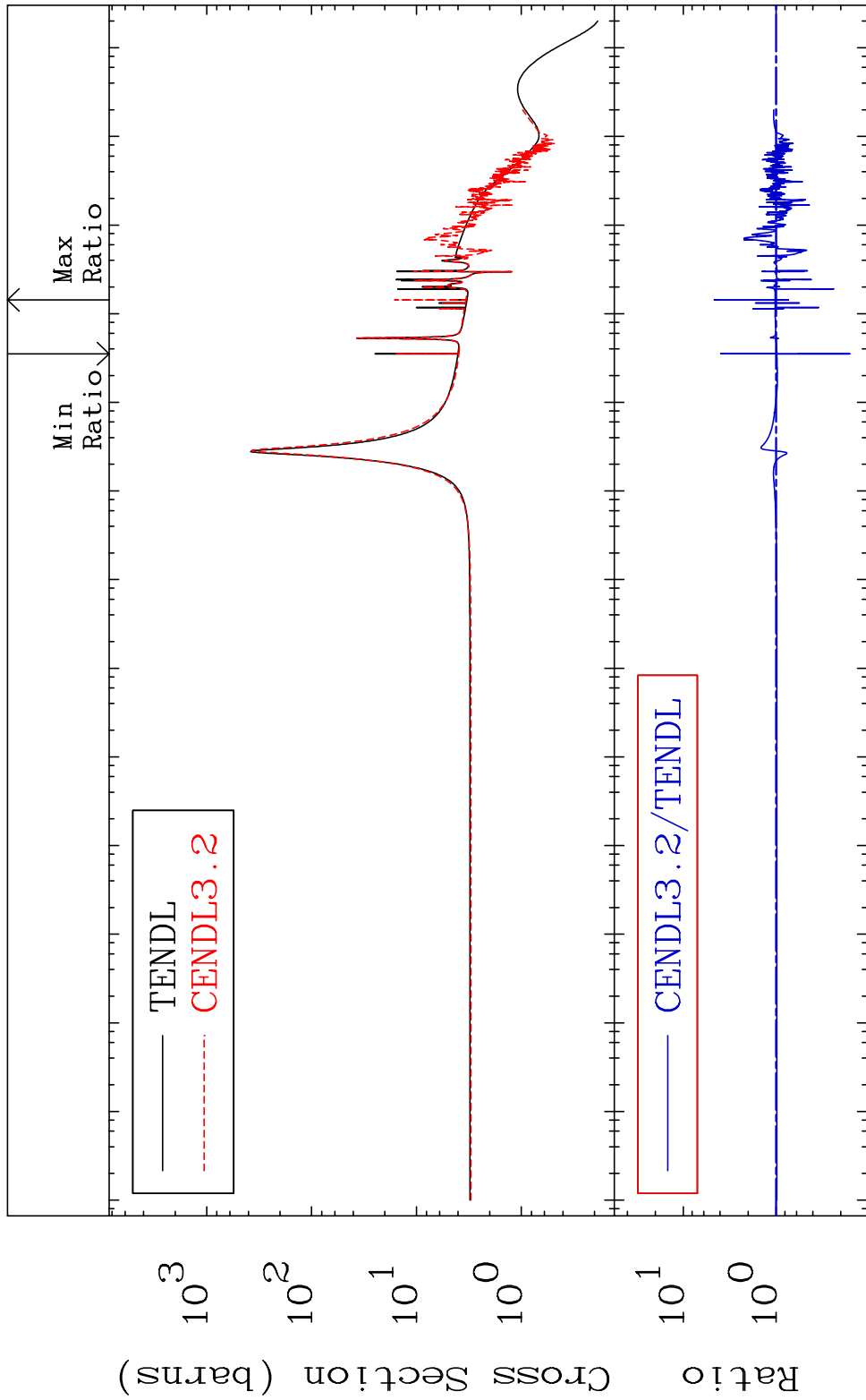
MAT 1125

Elastic

11-Na-23

Cross Section

-84.16 To 365.5 %



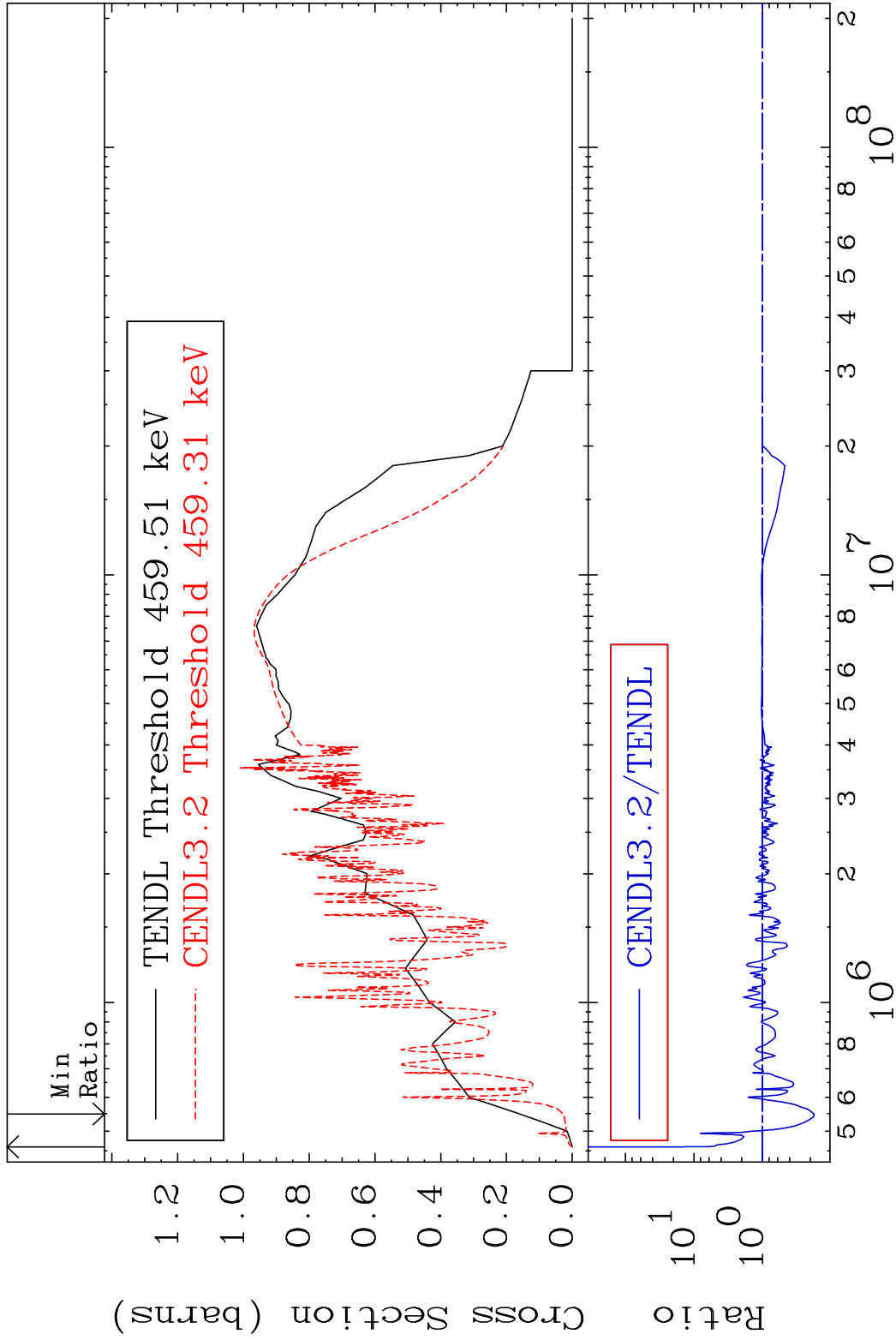
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

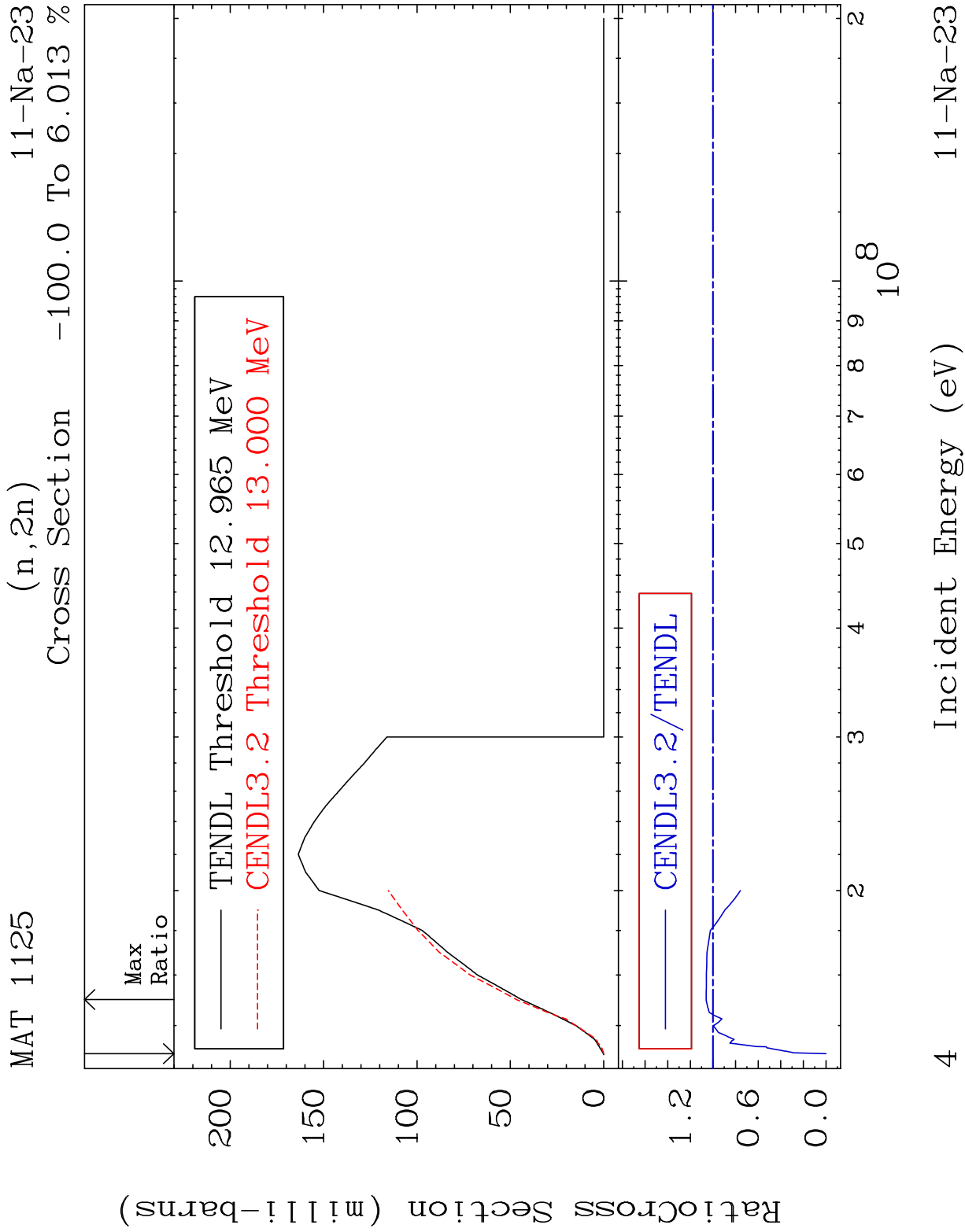
Incident Energy (eV)

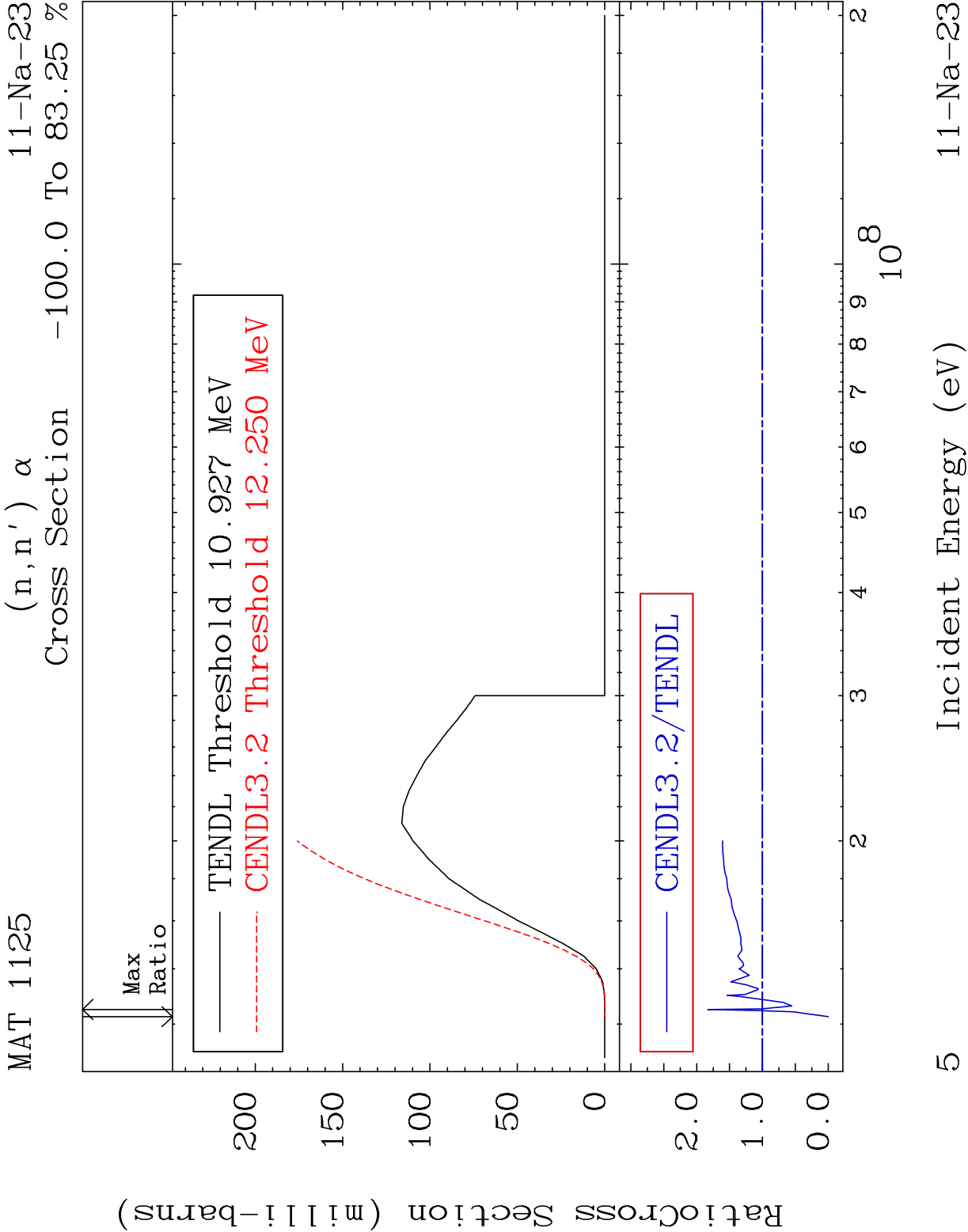
11-Na-23

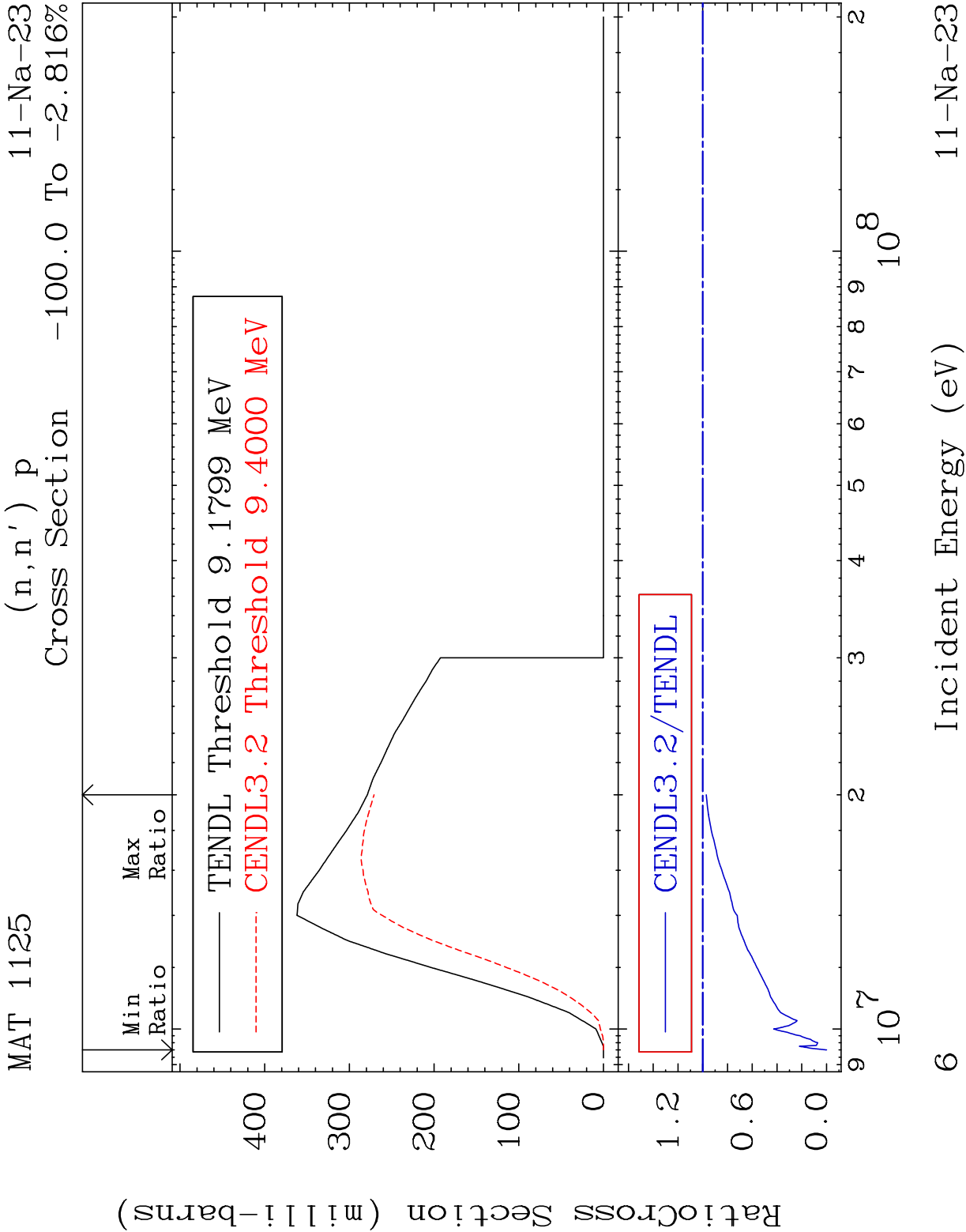
MAT 1125 Inelastic 11-Na-23
Cross Section -82.40 To 1313. %



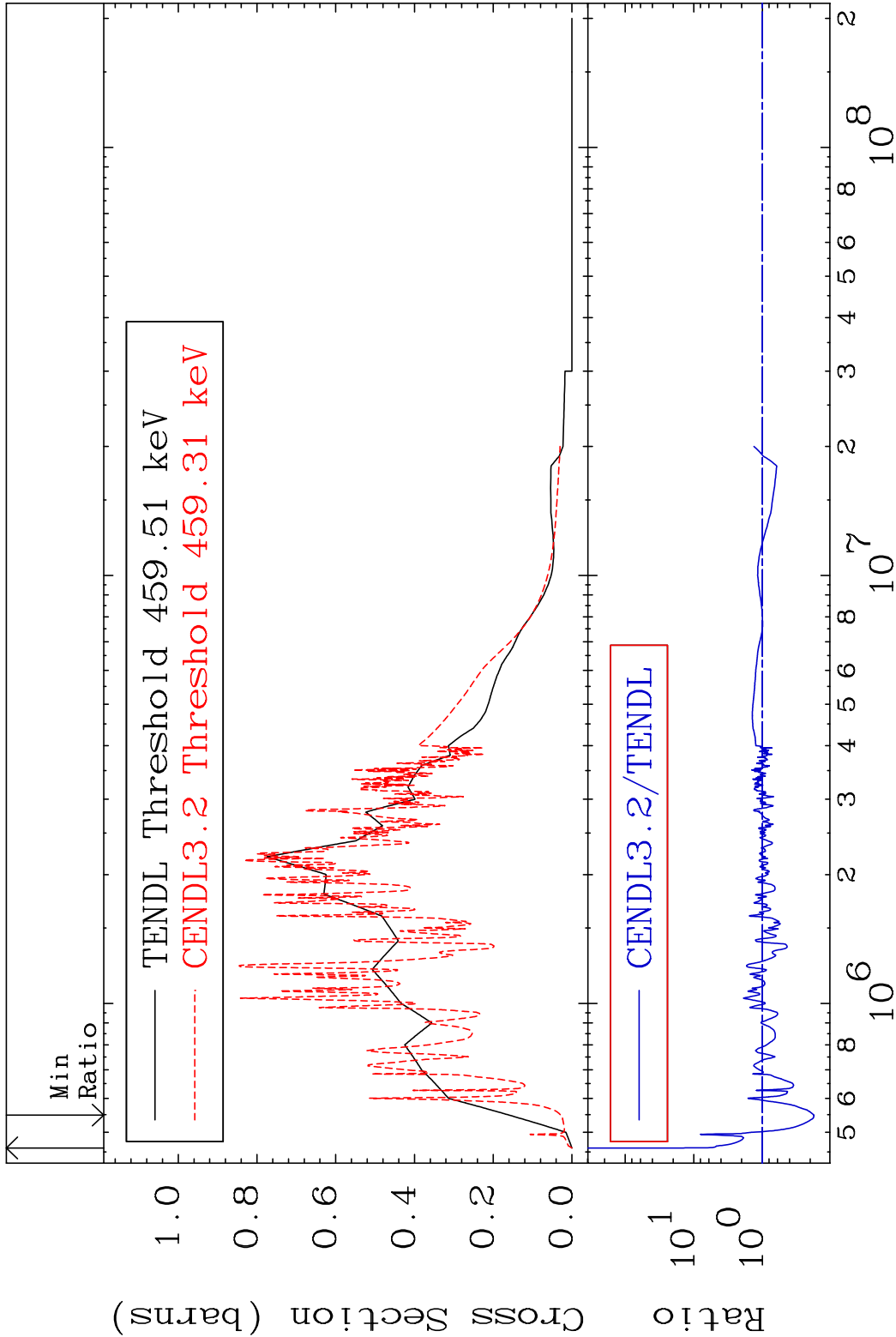
3 Incident Energy (eV) 11-Na-23



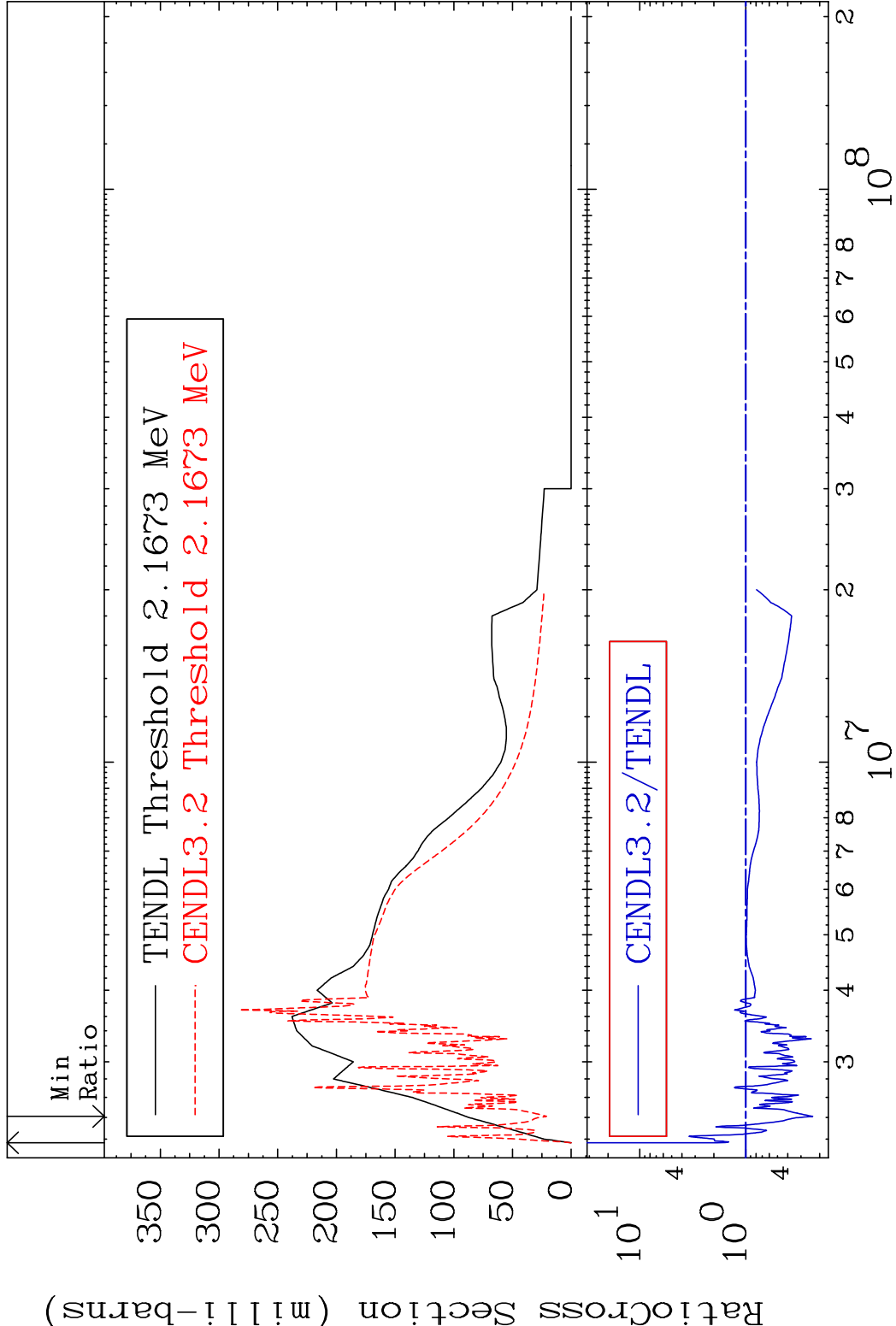




MAT 1125 MT= 51 (n,n') Level 11-Na-23
Cross Section -82.40 To 1313. %



7 Incident Energy (eV) 11-Na-23



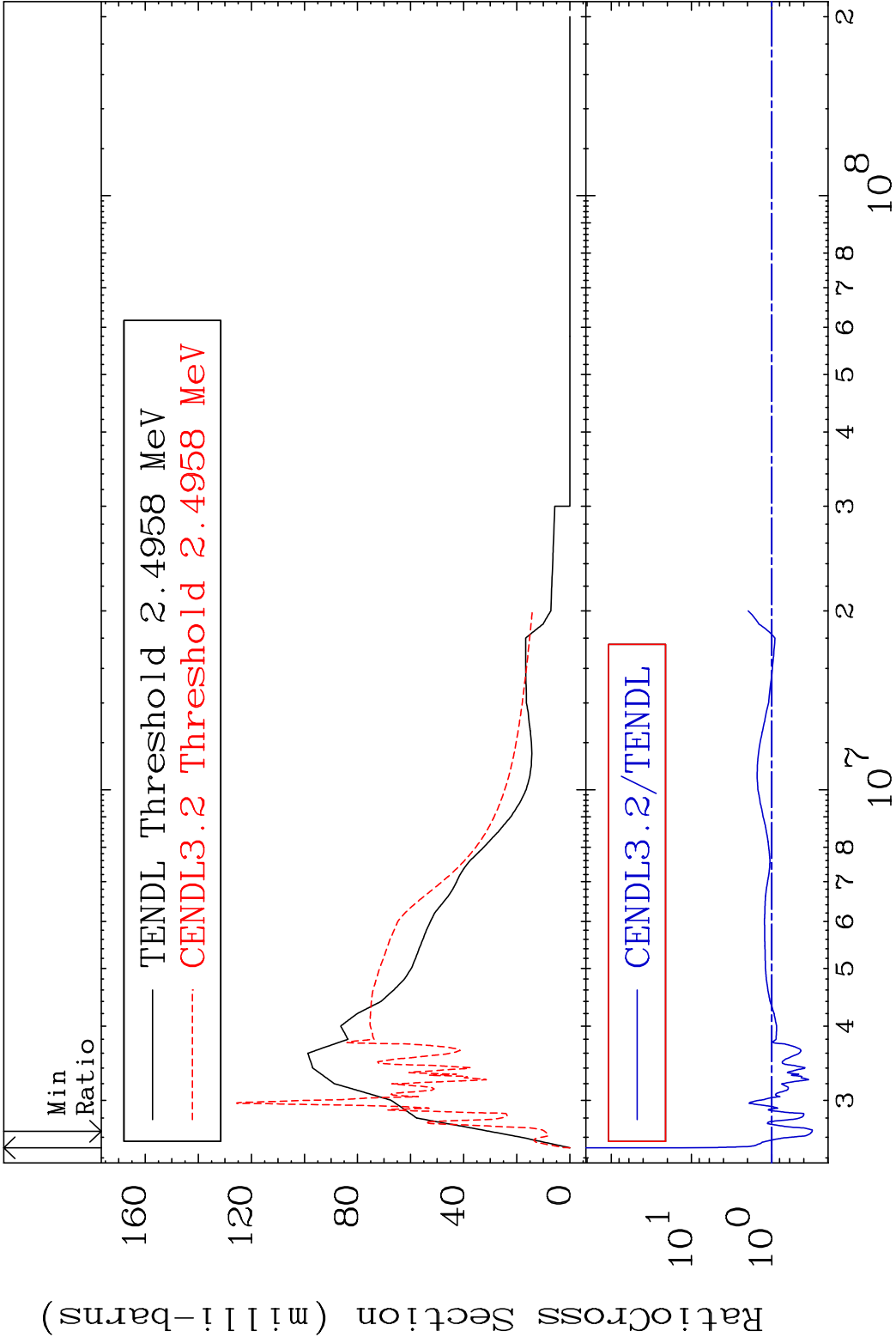
MAT 1125

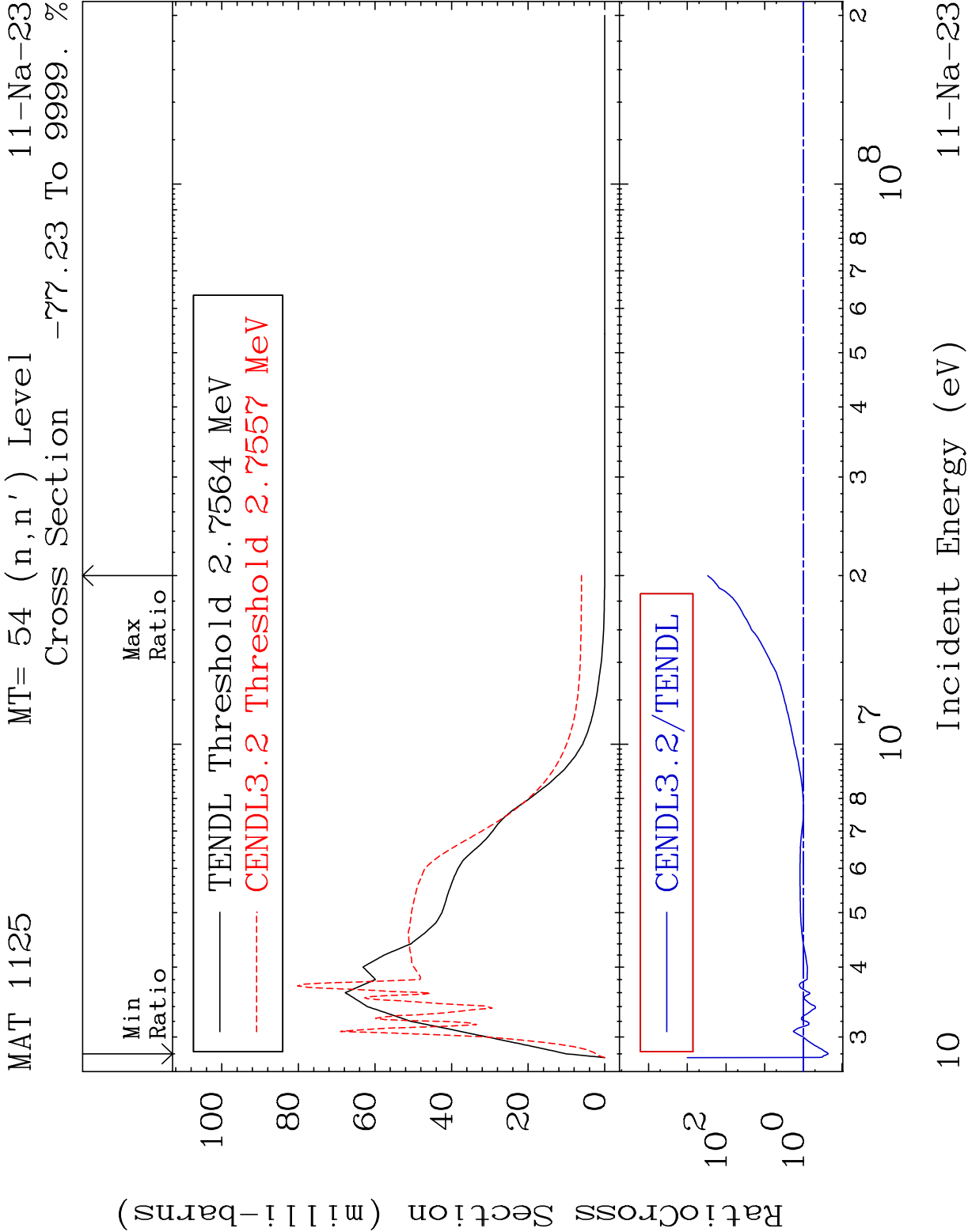
MT= 53 (n,n') Level

11-Na-23

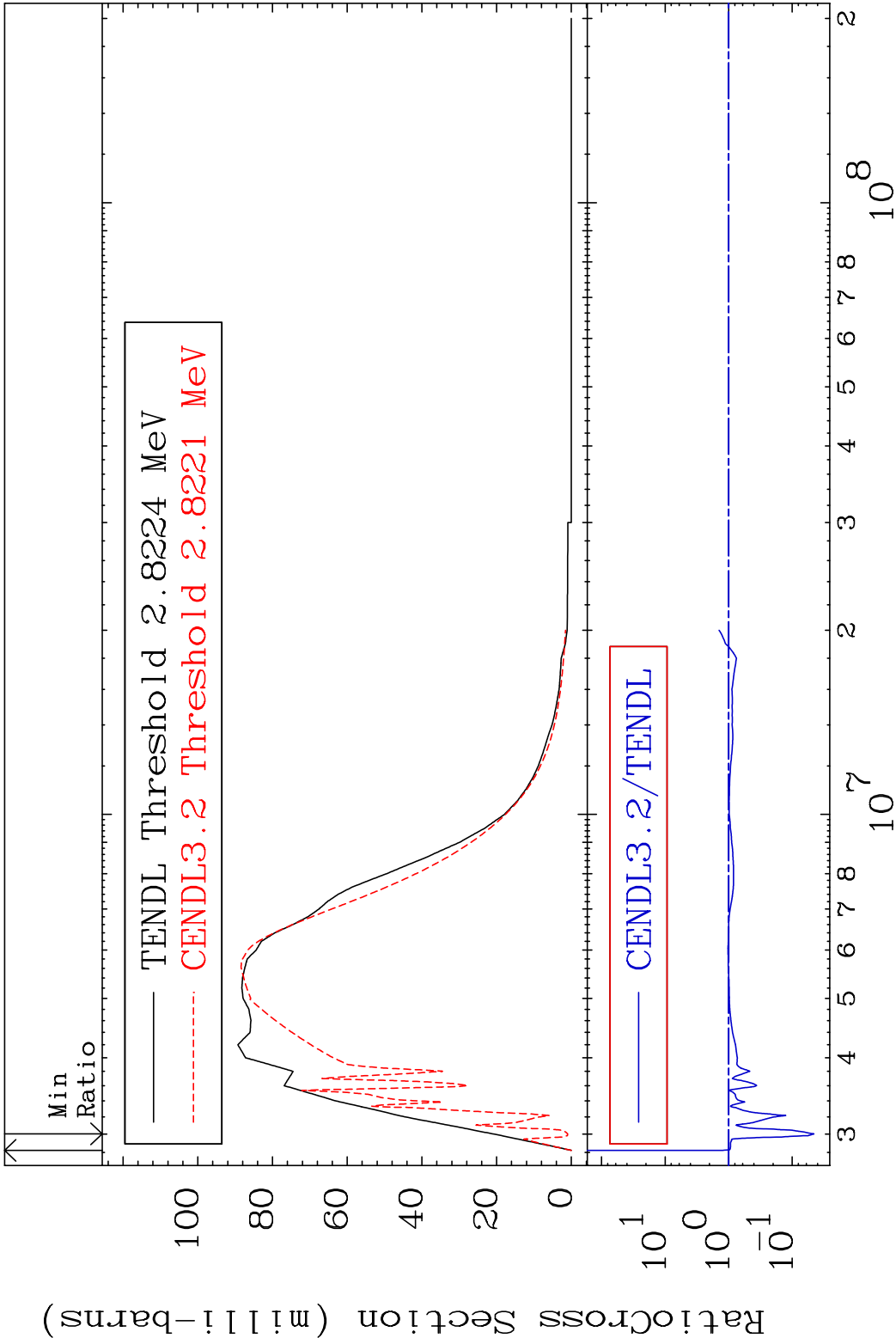
Cross Section

-68.64 To 1230. %



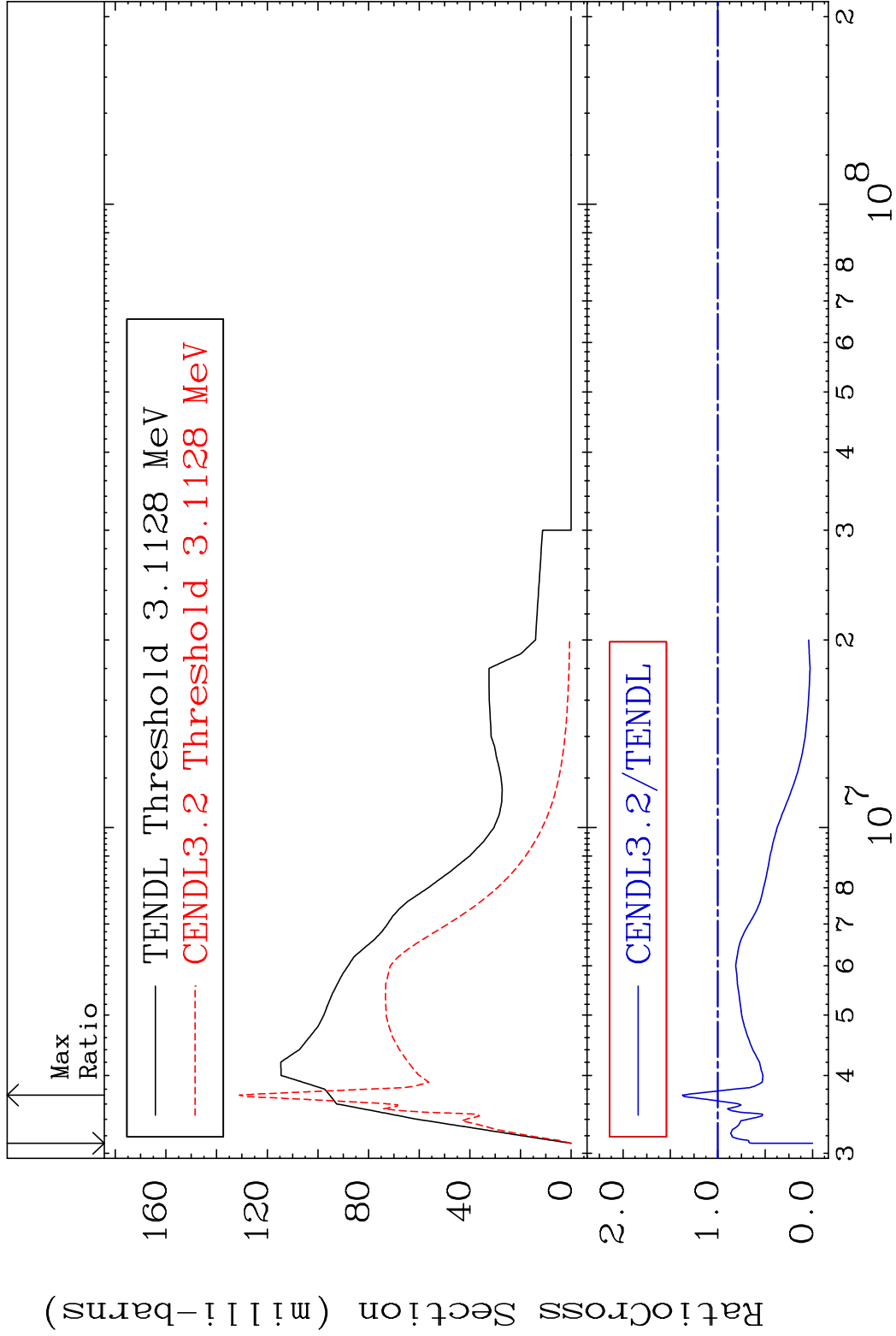


MAT 1125 MT= 55 (n,n') Level 11-Na-23
Cross Section -95.44 To 422.3 %



11 Incident Energy (eV) 11-Na-23

MAT 1125 MT= 56 (n,n') Level 11-Na-23
Cross Section -100.0 To 37.40 %



12 Incident Energy (eV) 11-Na-23

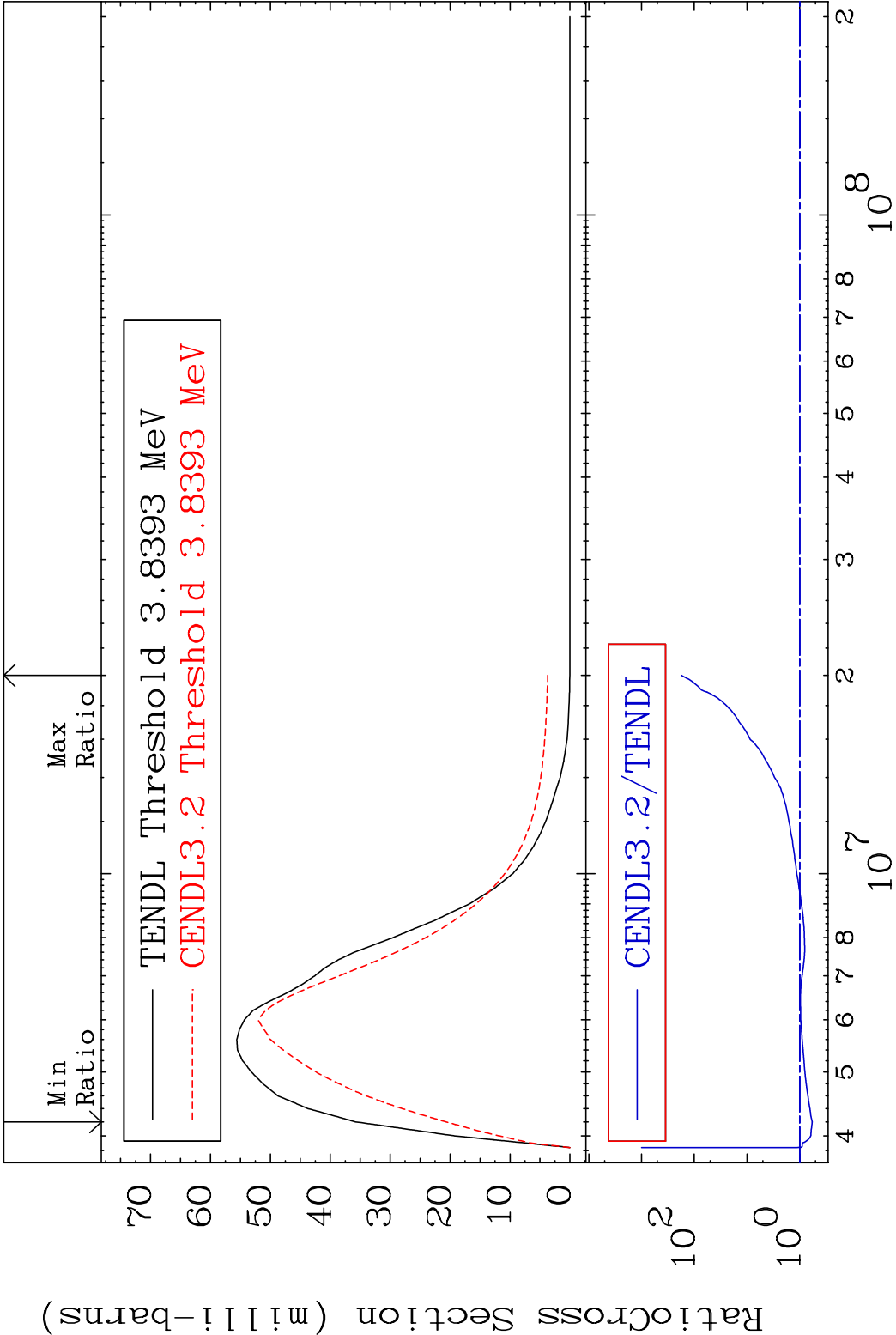
MAT 1125

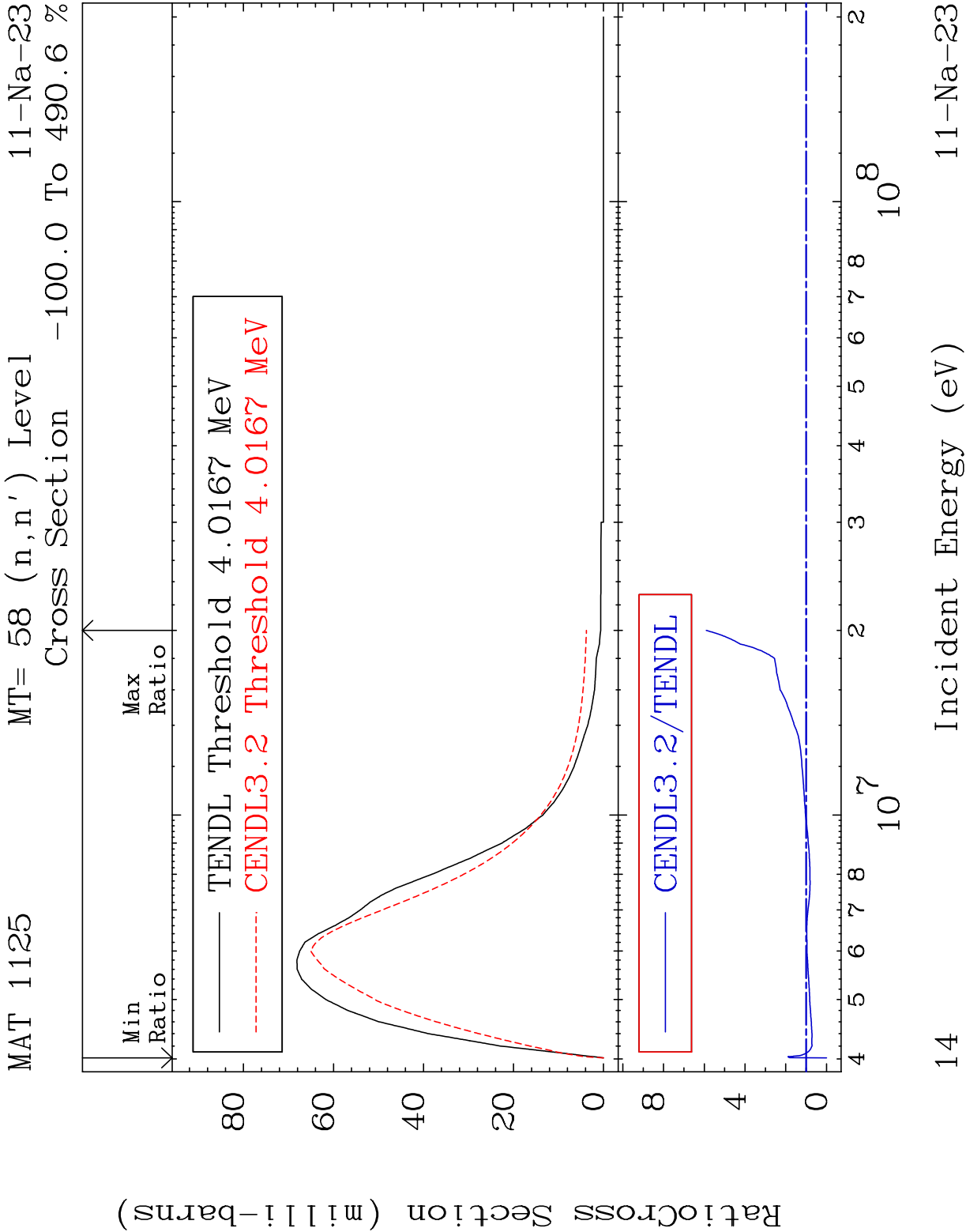
MT= 57 (n,n') Level

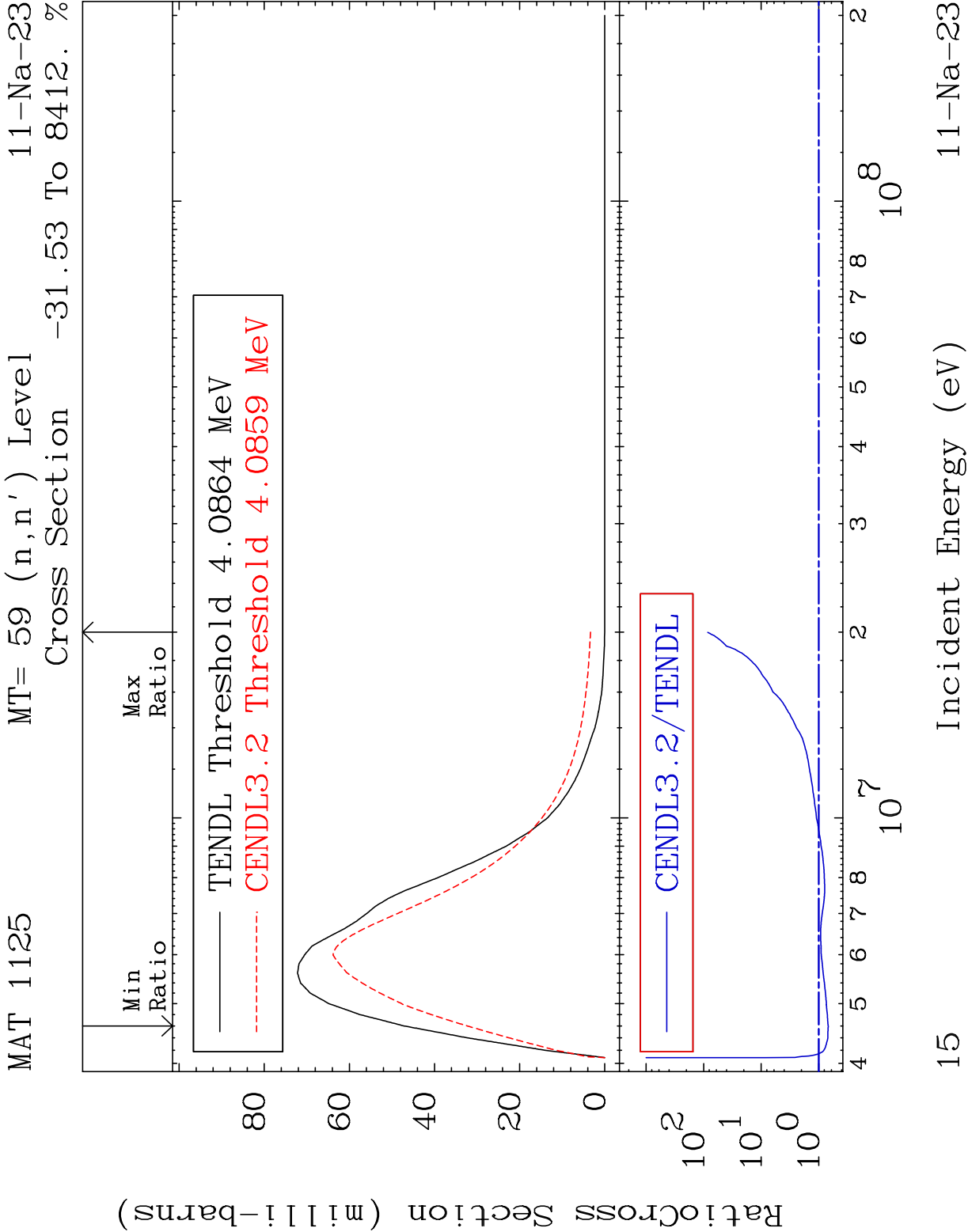
11-Na-23

Cross Section

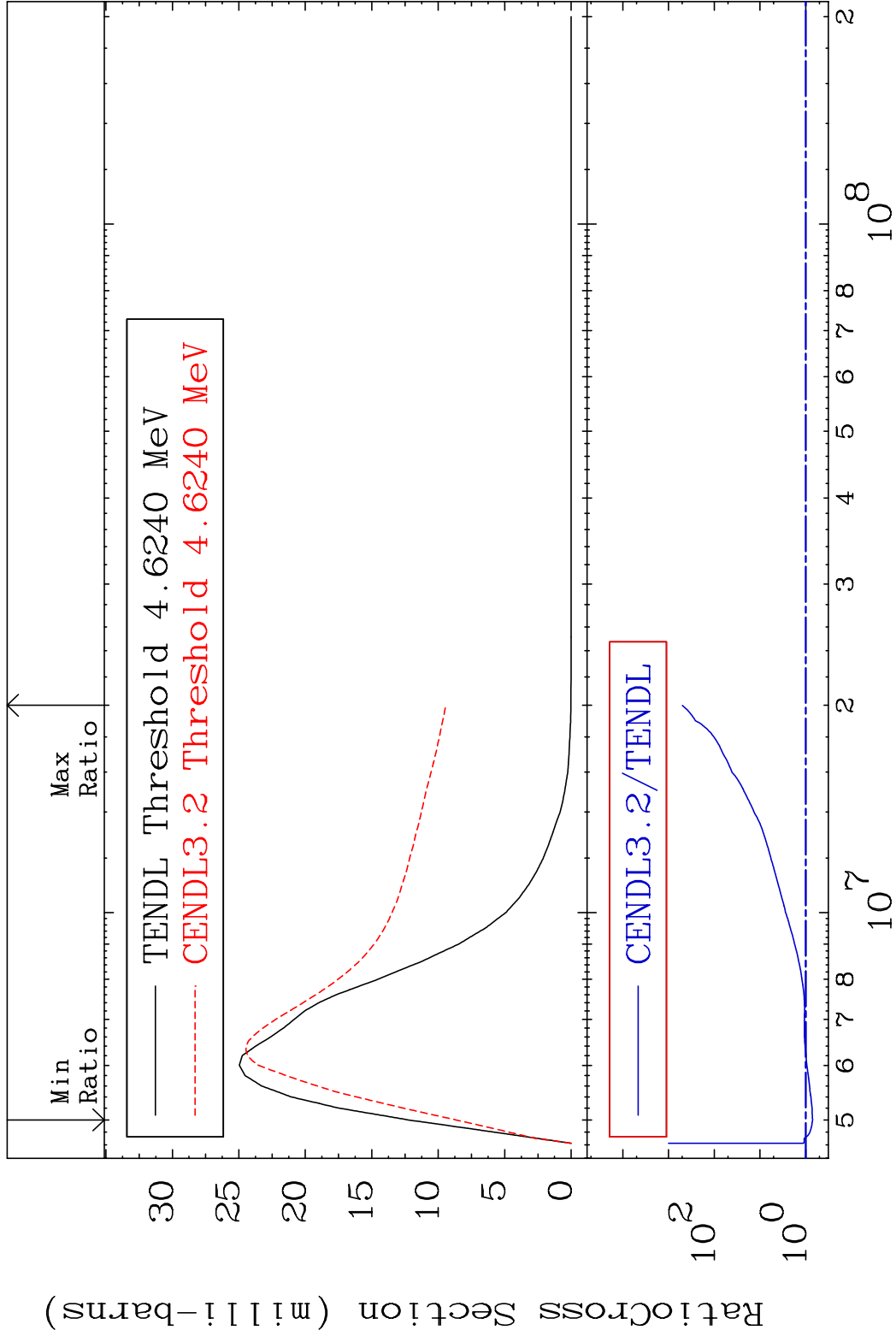
-42.19 To 9999. %



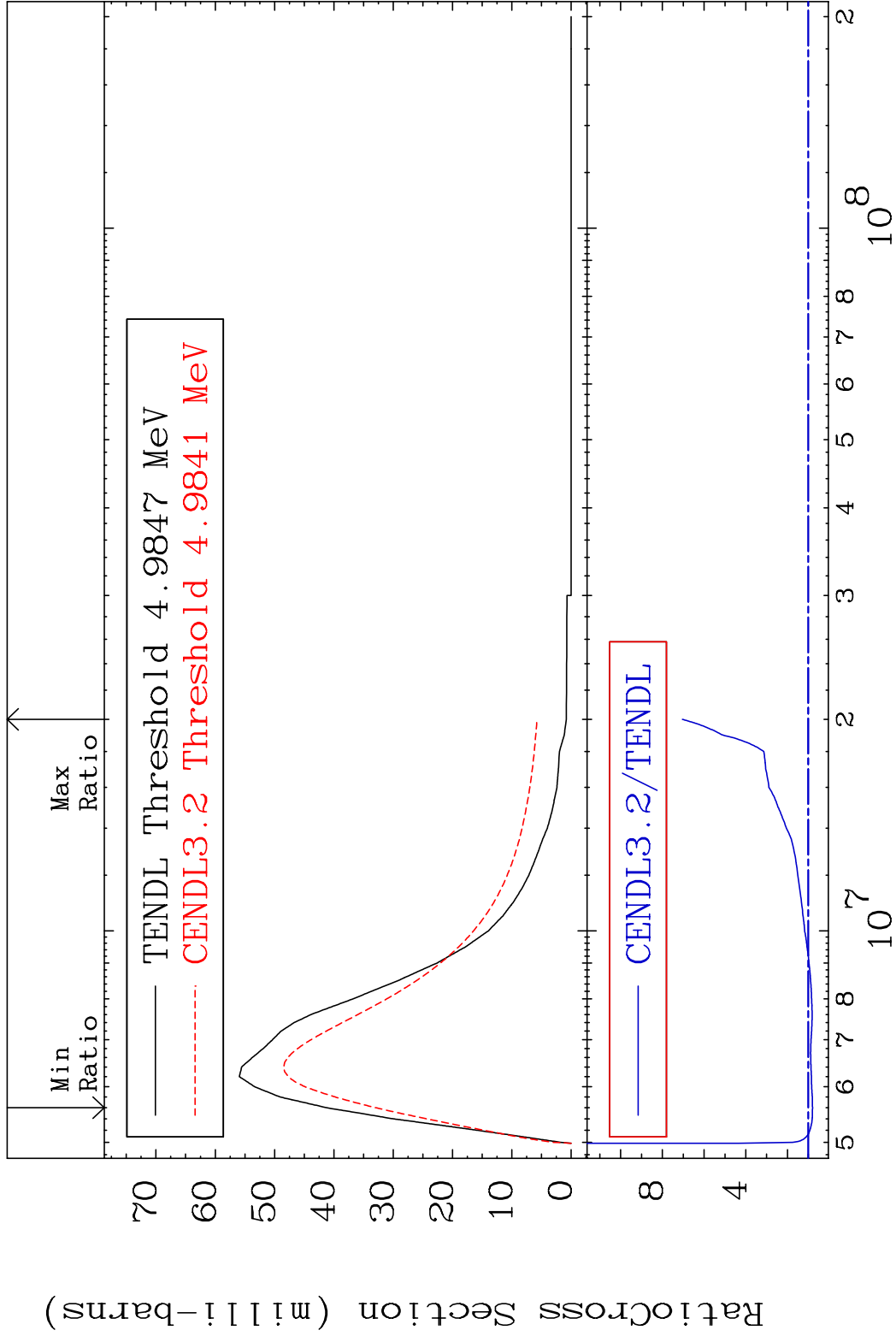




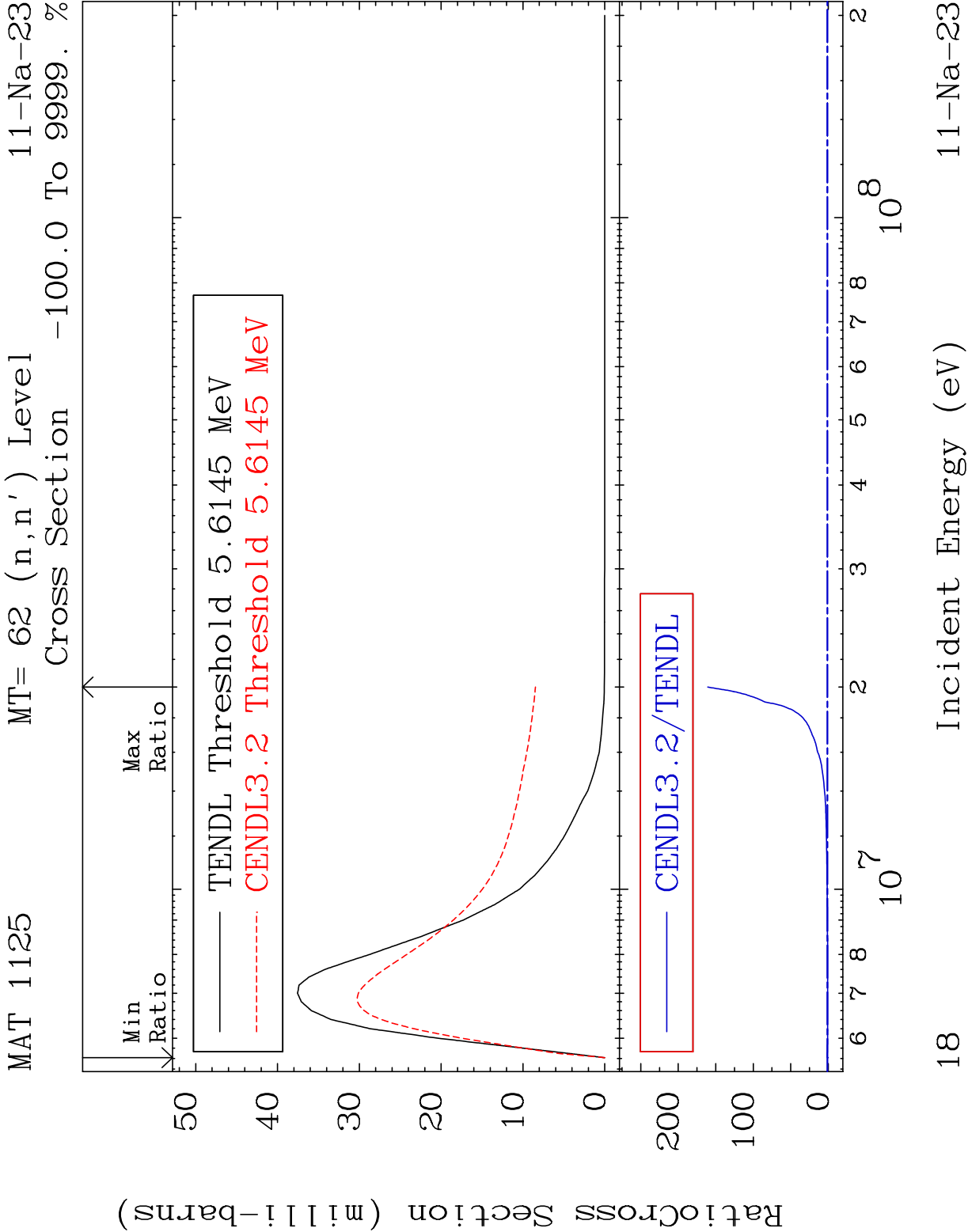
MAT 1125 MT= 60 (n,n') Level 11-Na-23
Cross Section -29.36 To 9999. %



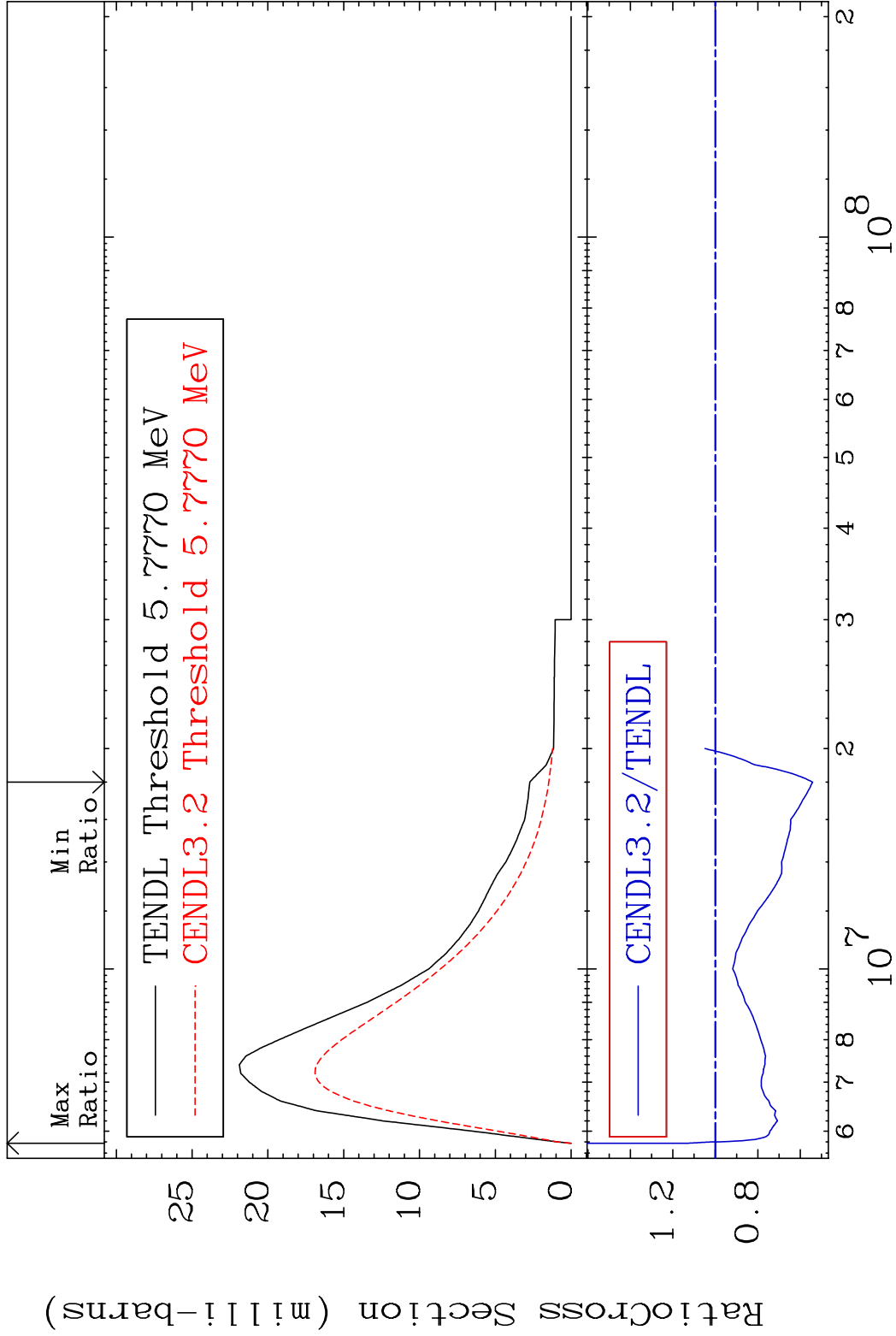
MAT 1125 MT= 61 (n,n') Level 11-Na-23
Cross Section -20.06 To 604.0 %



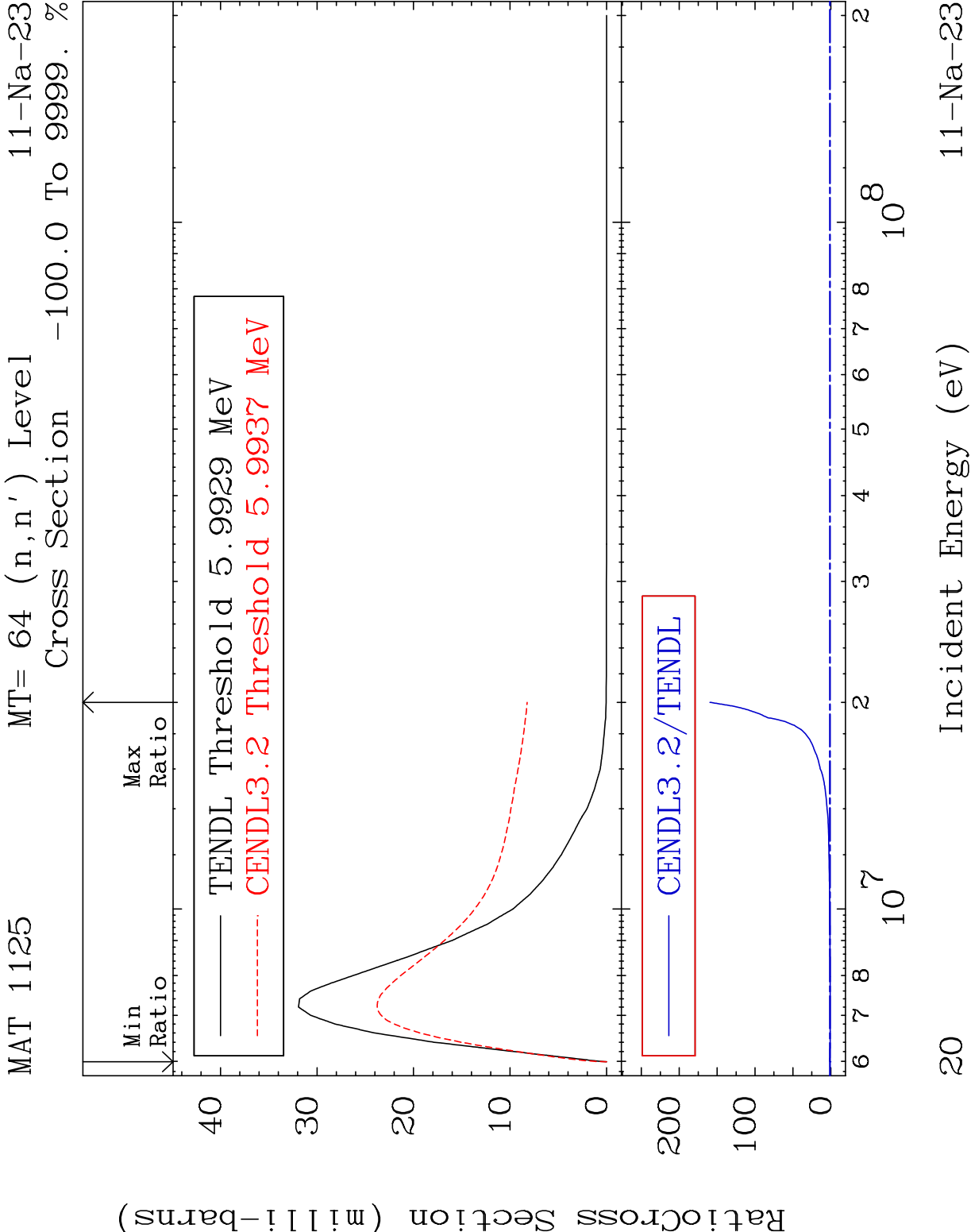
17 Incident Energy (eV) 11-Na-23



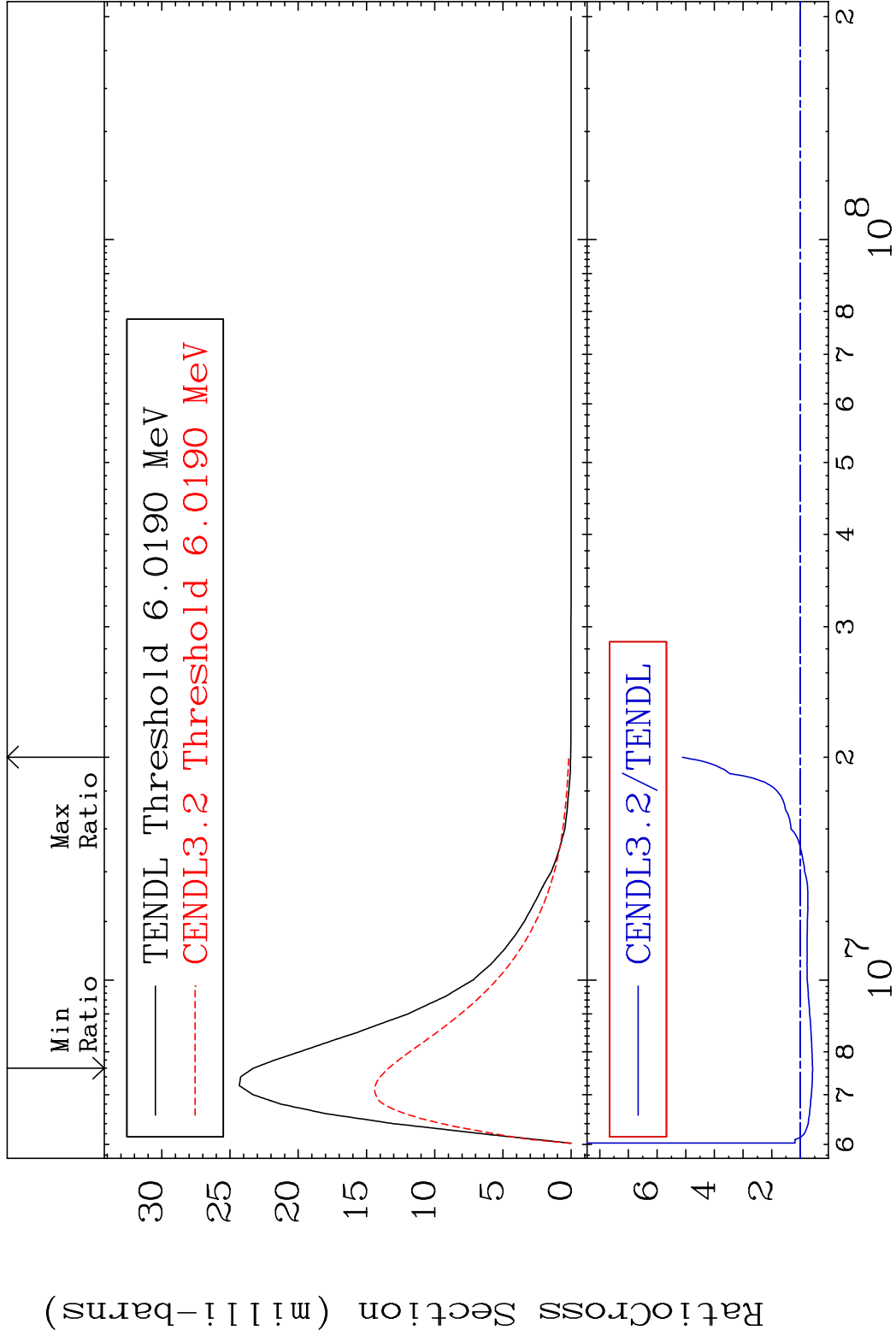
MAT 1125 MT= 63 (n,n') Level 11-Na-23
Cross Section -45.78 To 15.52 %

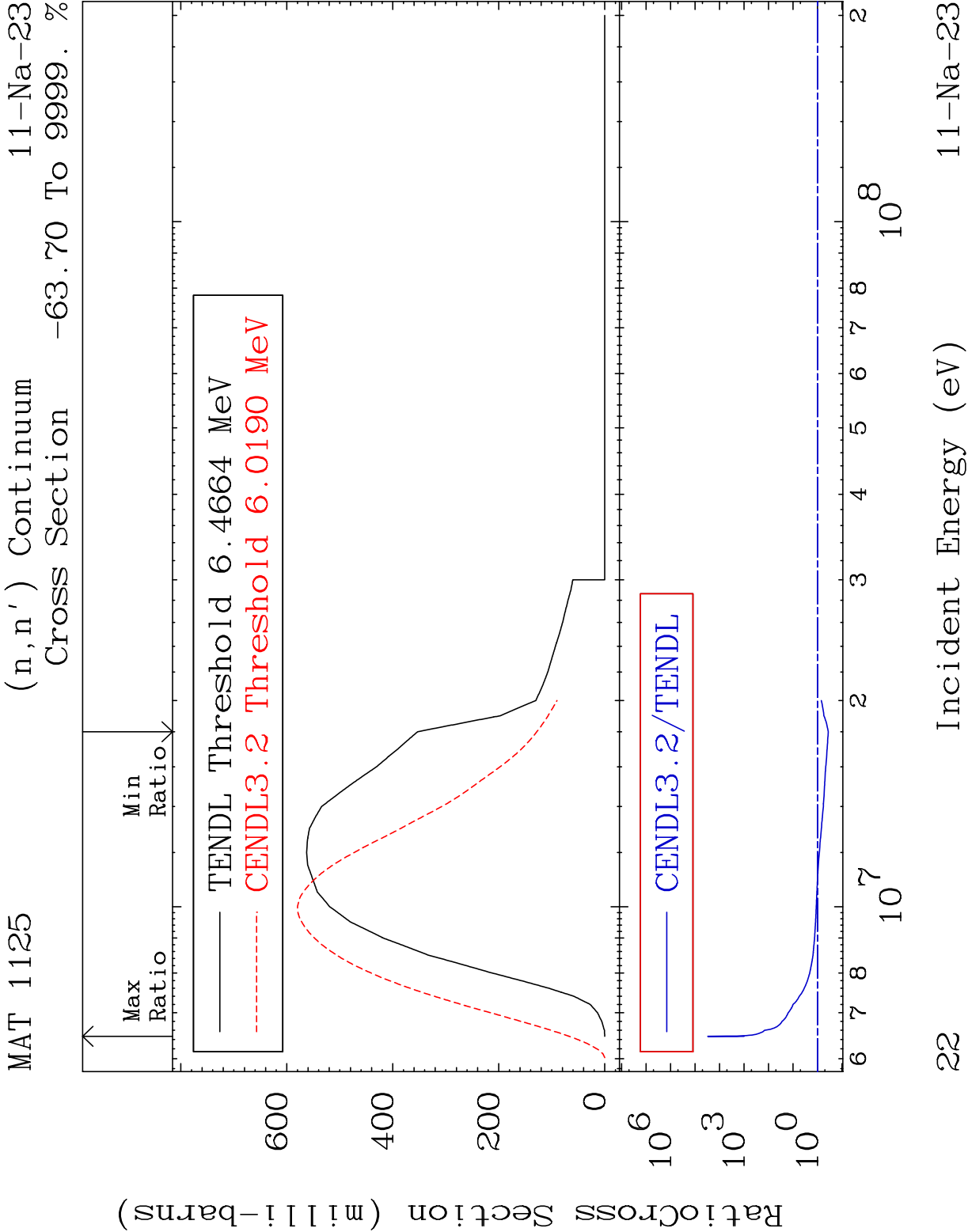


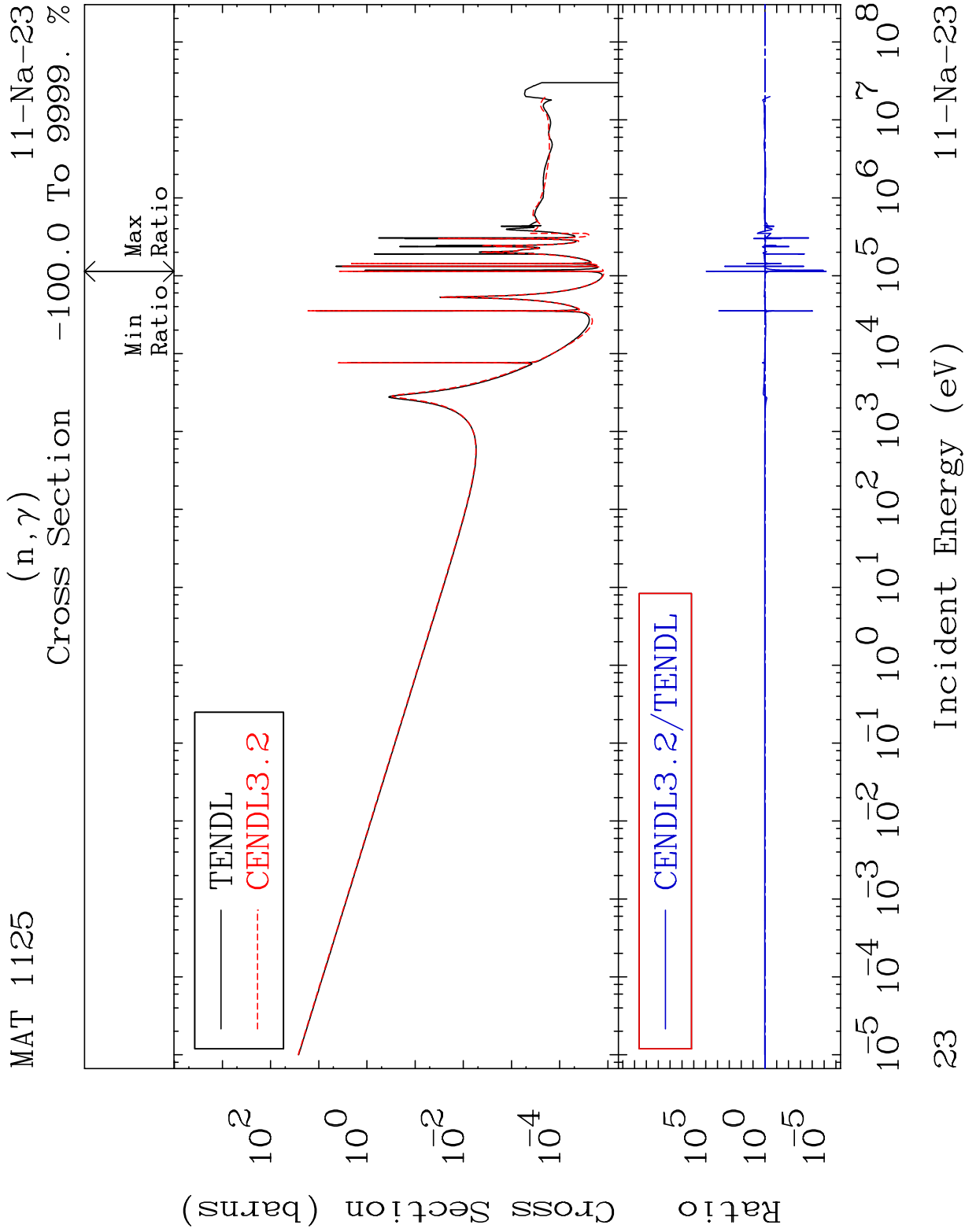
19 Incident Energy (eV) 11-Na-23

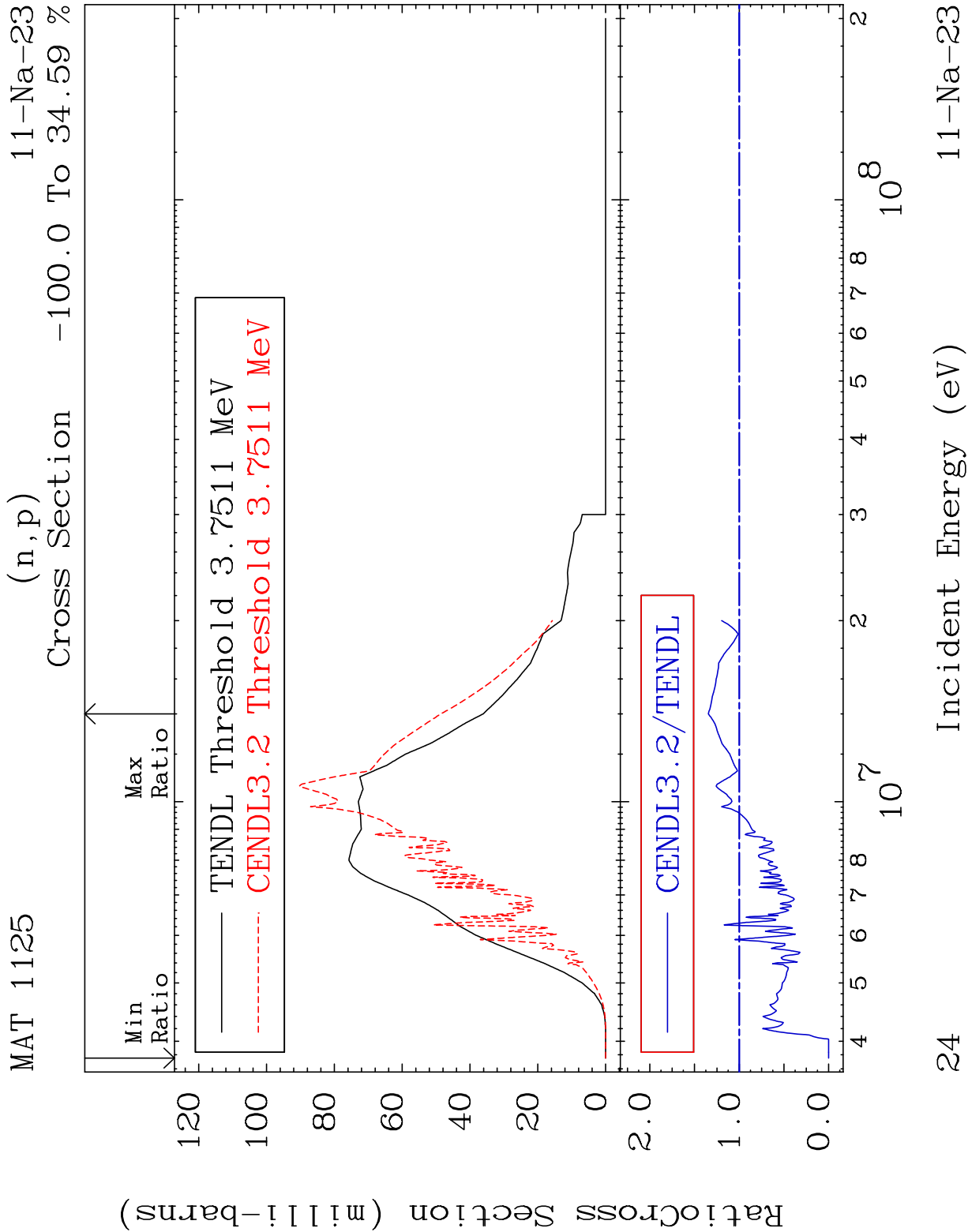


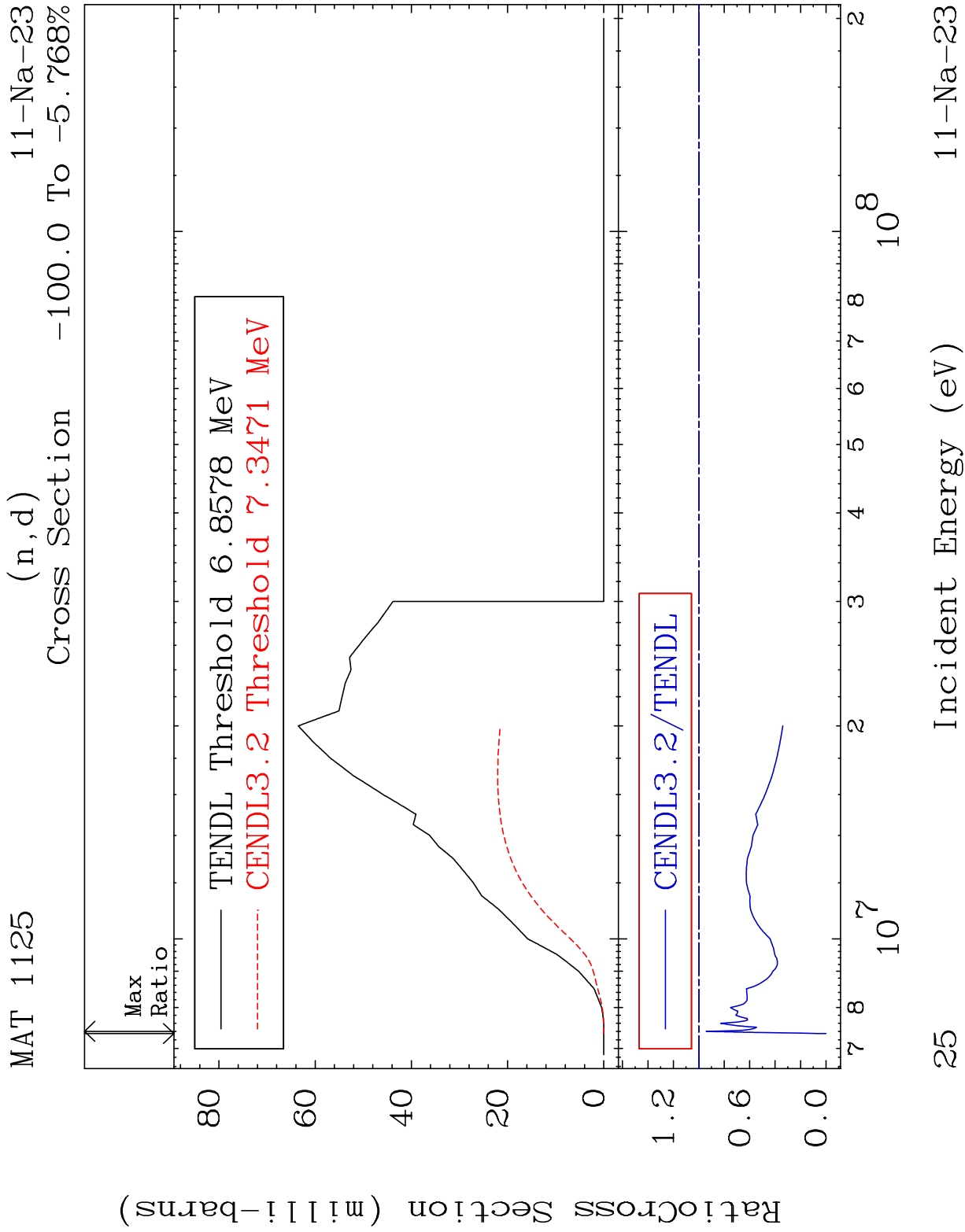
MAT 1125 MT= 65 (n,n') Level 11-Na-23
Cross Section -42.57 To 411.8 %

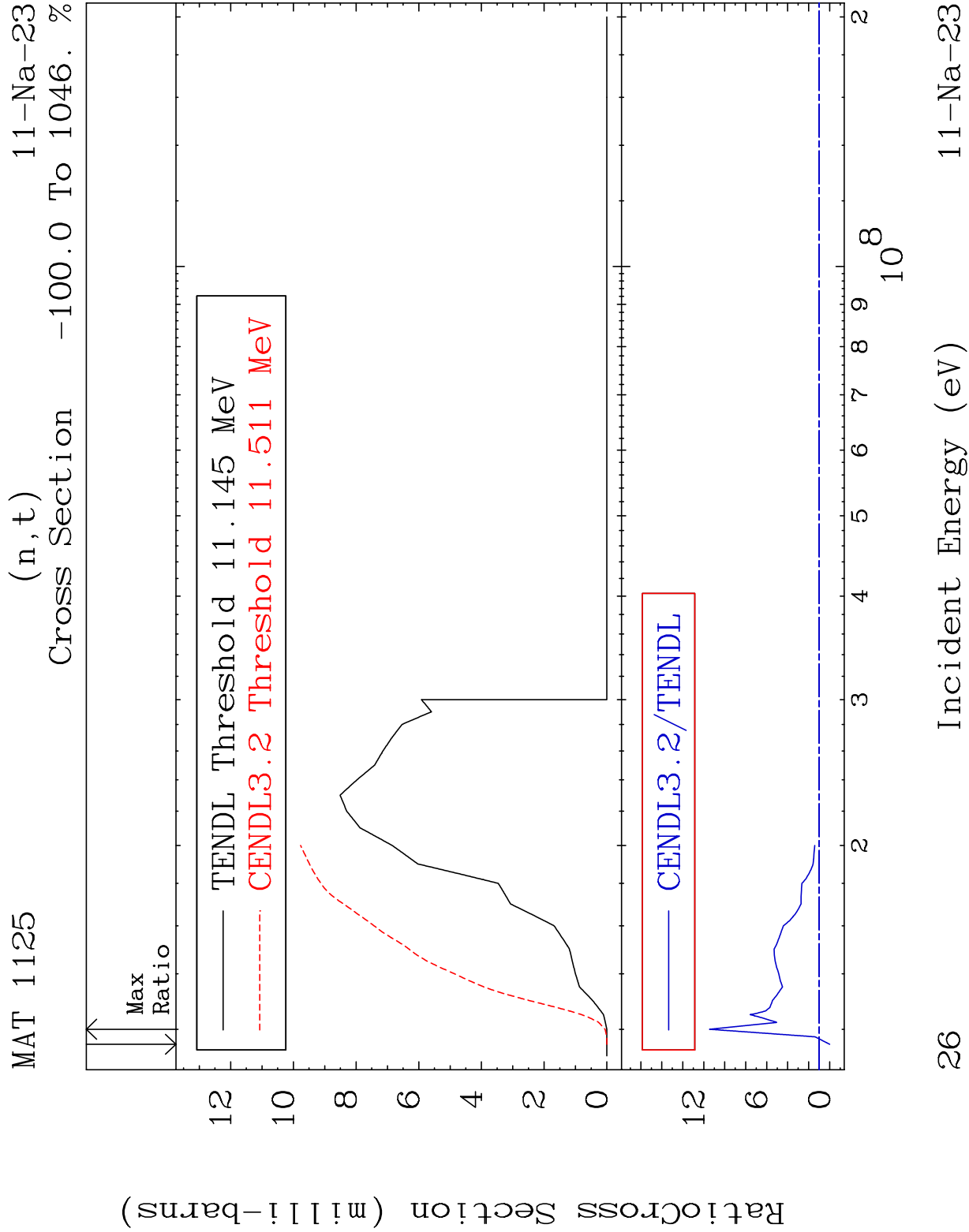


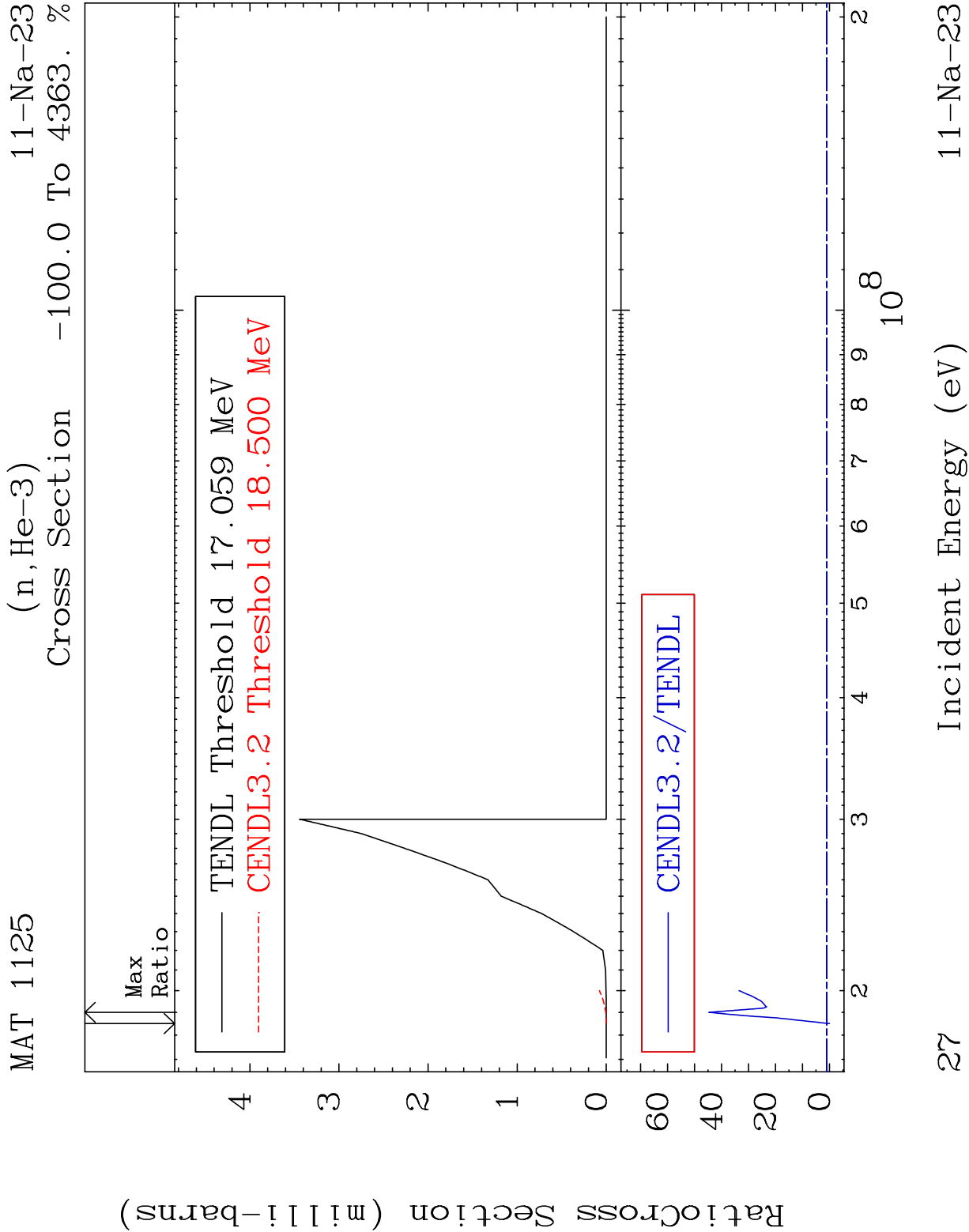


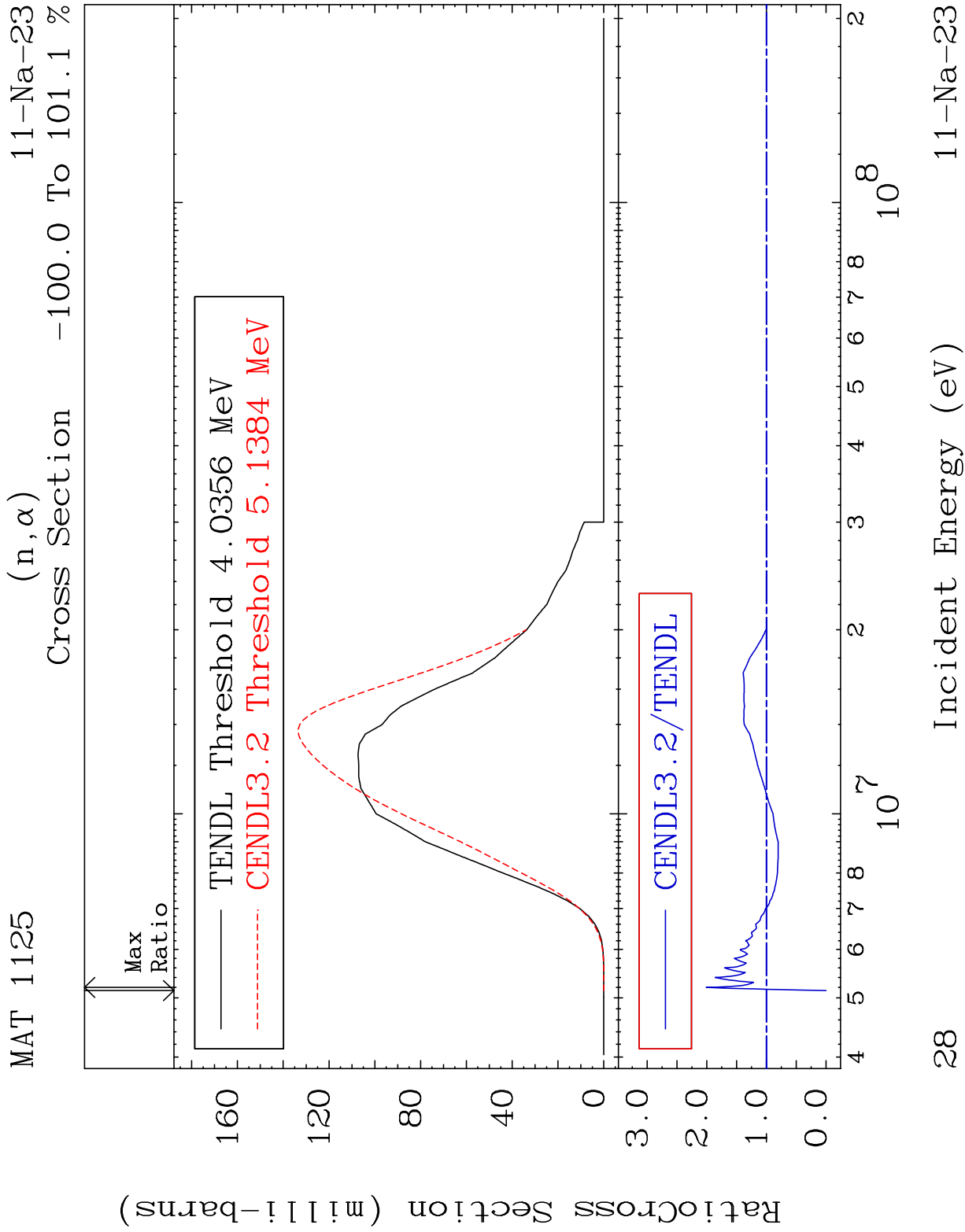


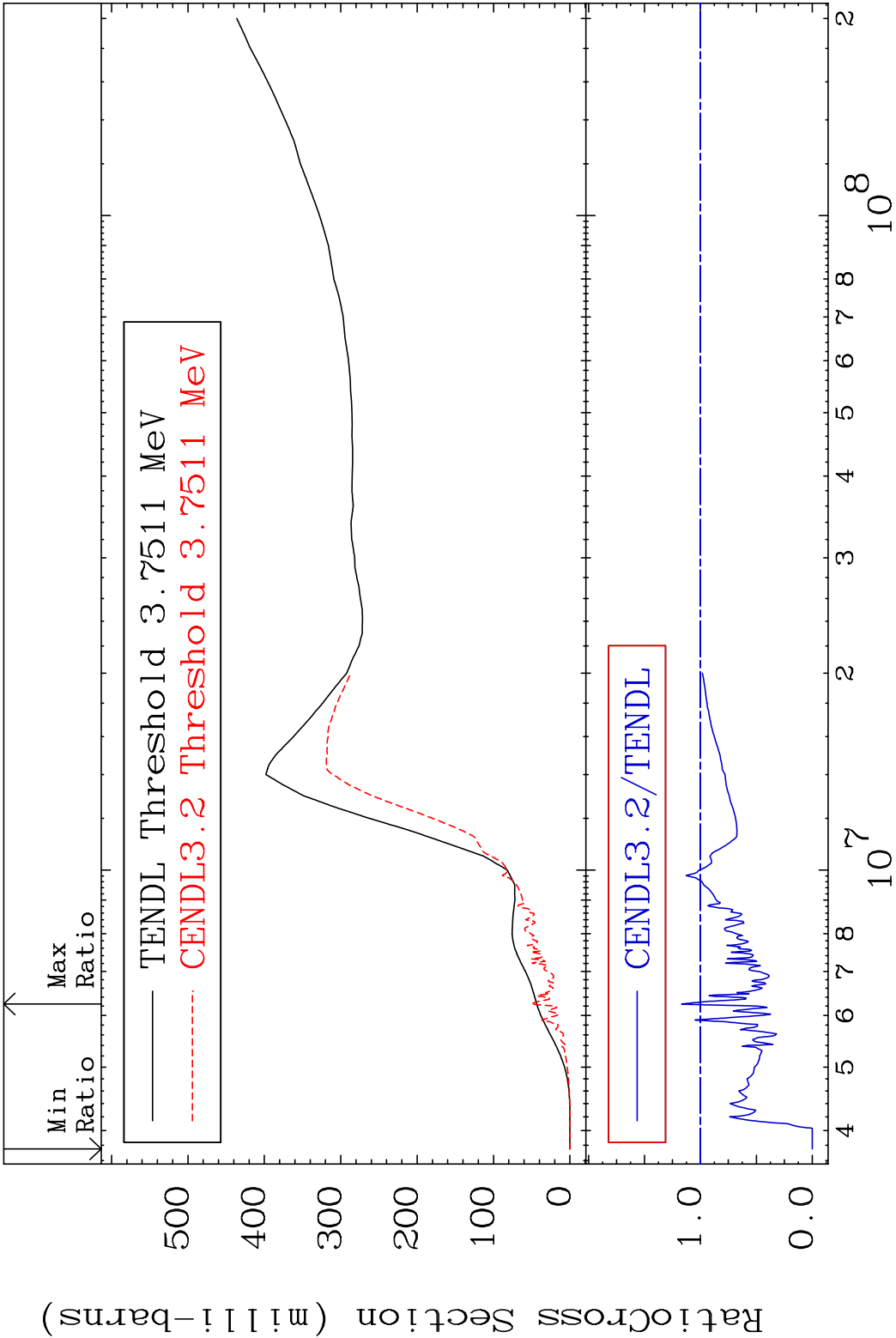










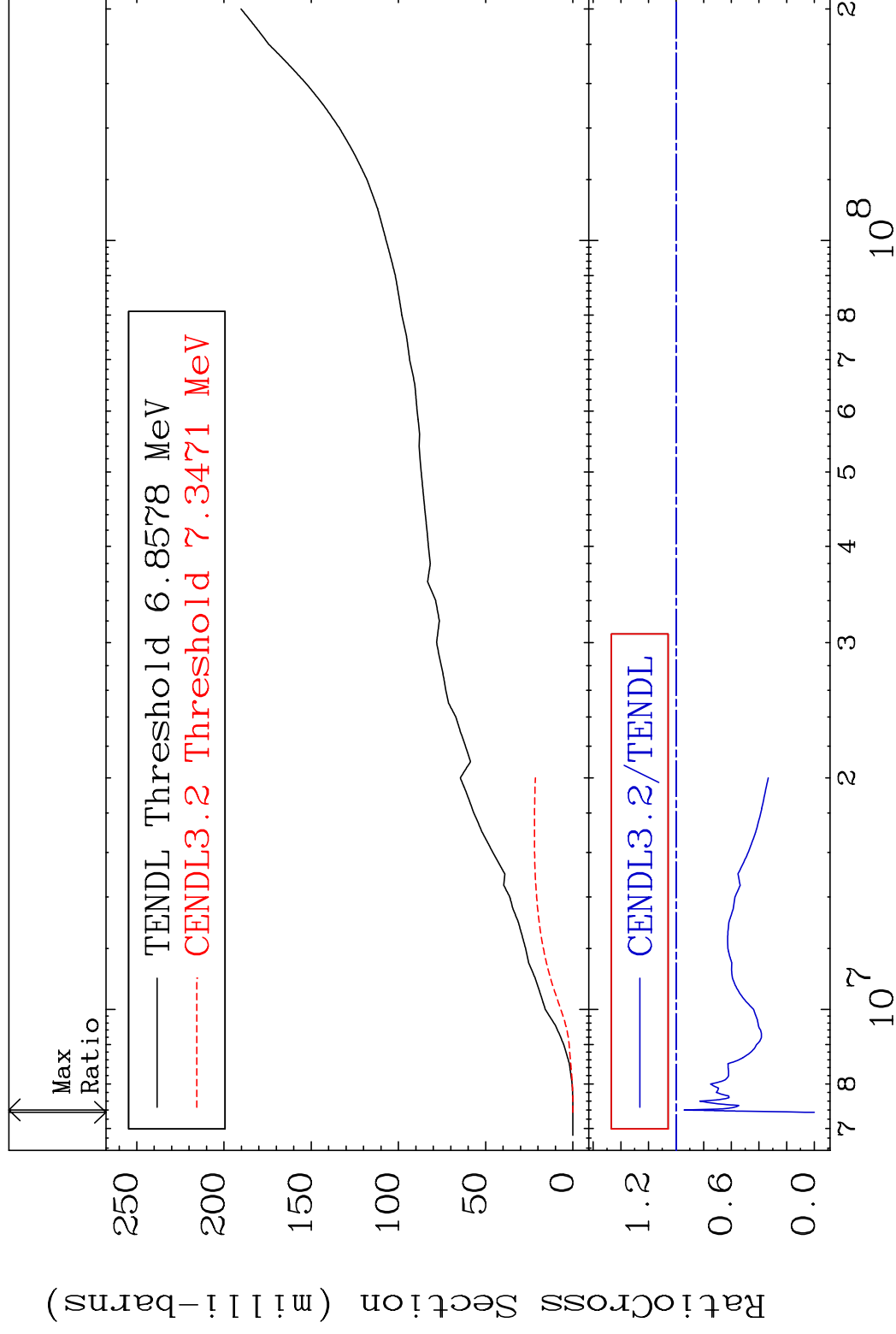


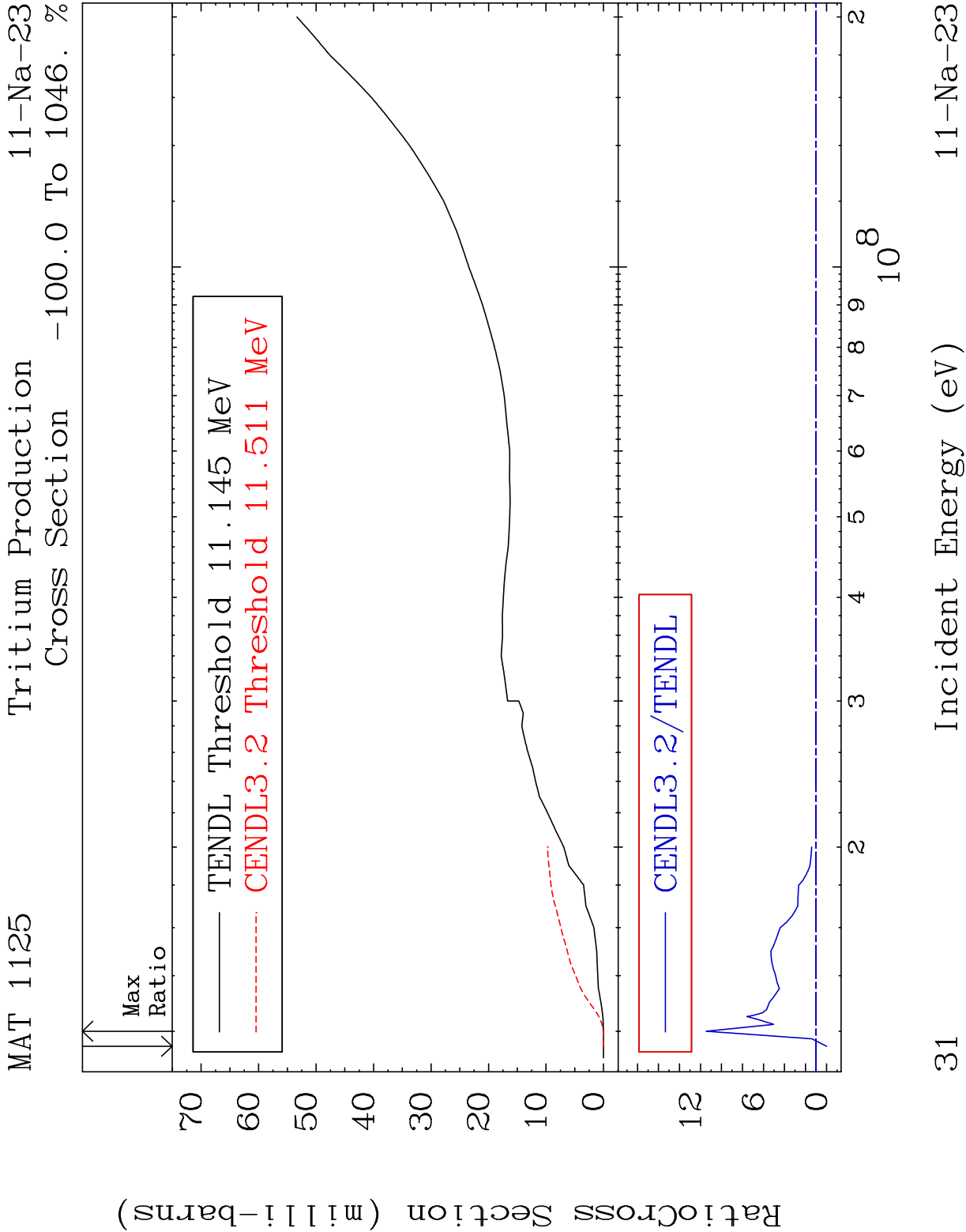
MAT 1125

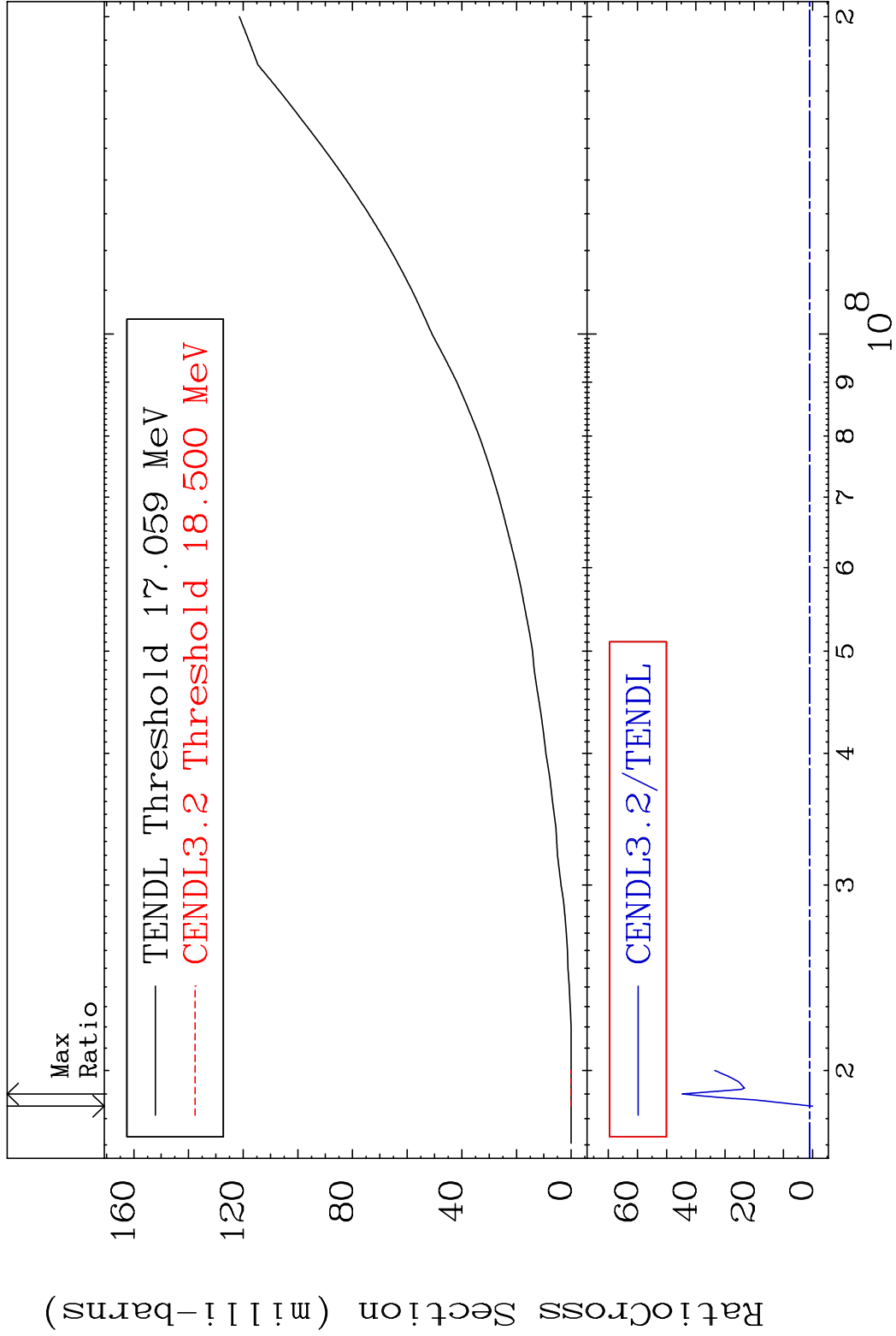
Deuterium Production

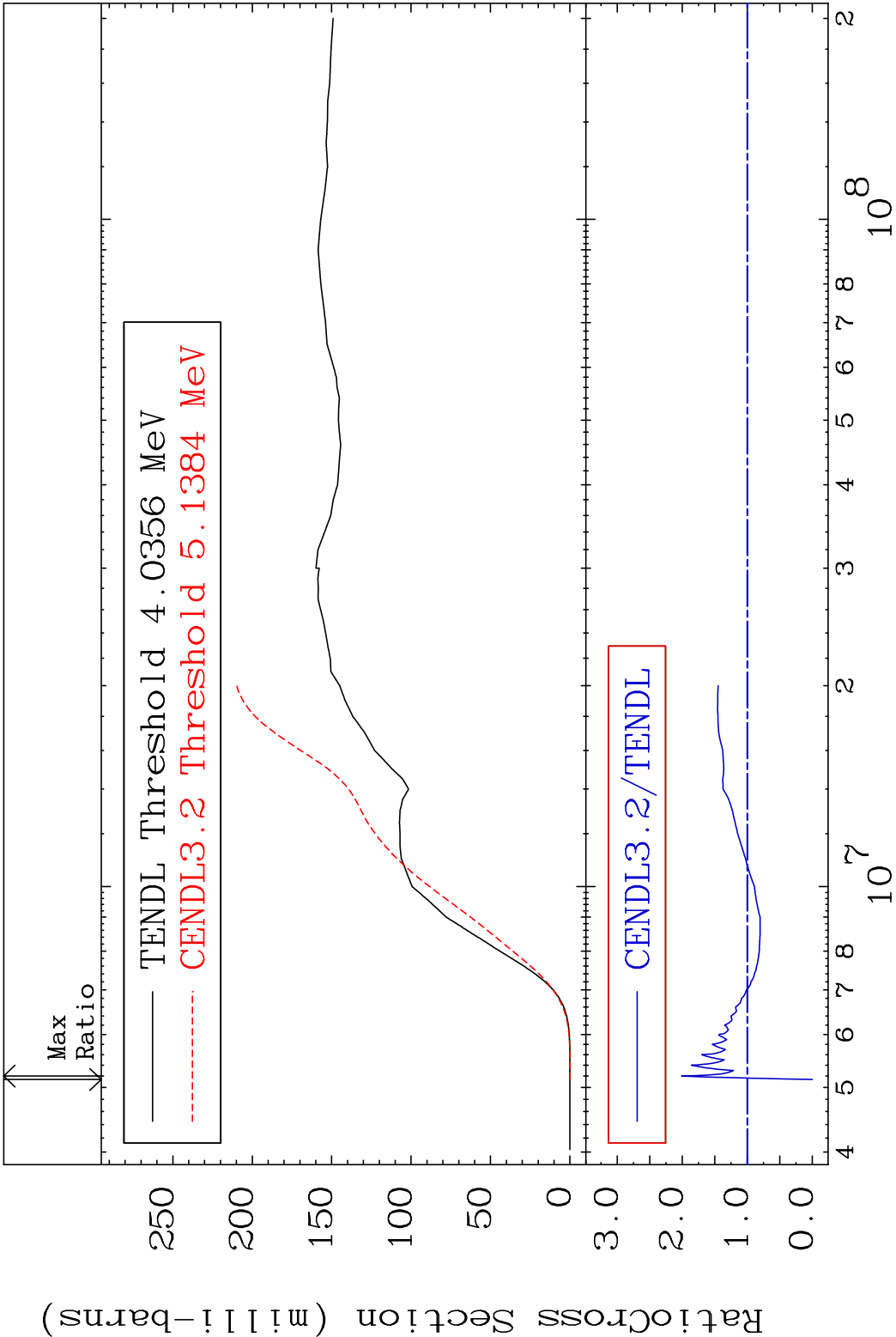
11-Na-23

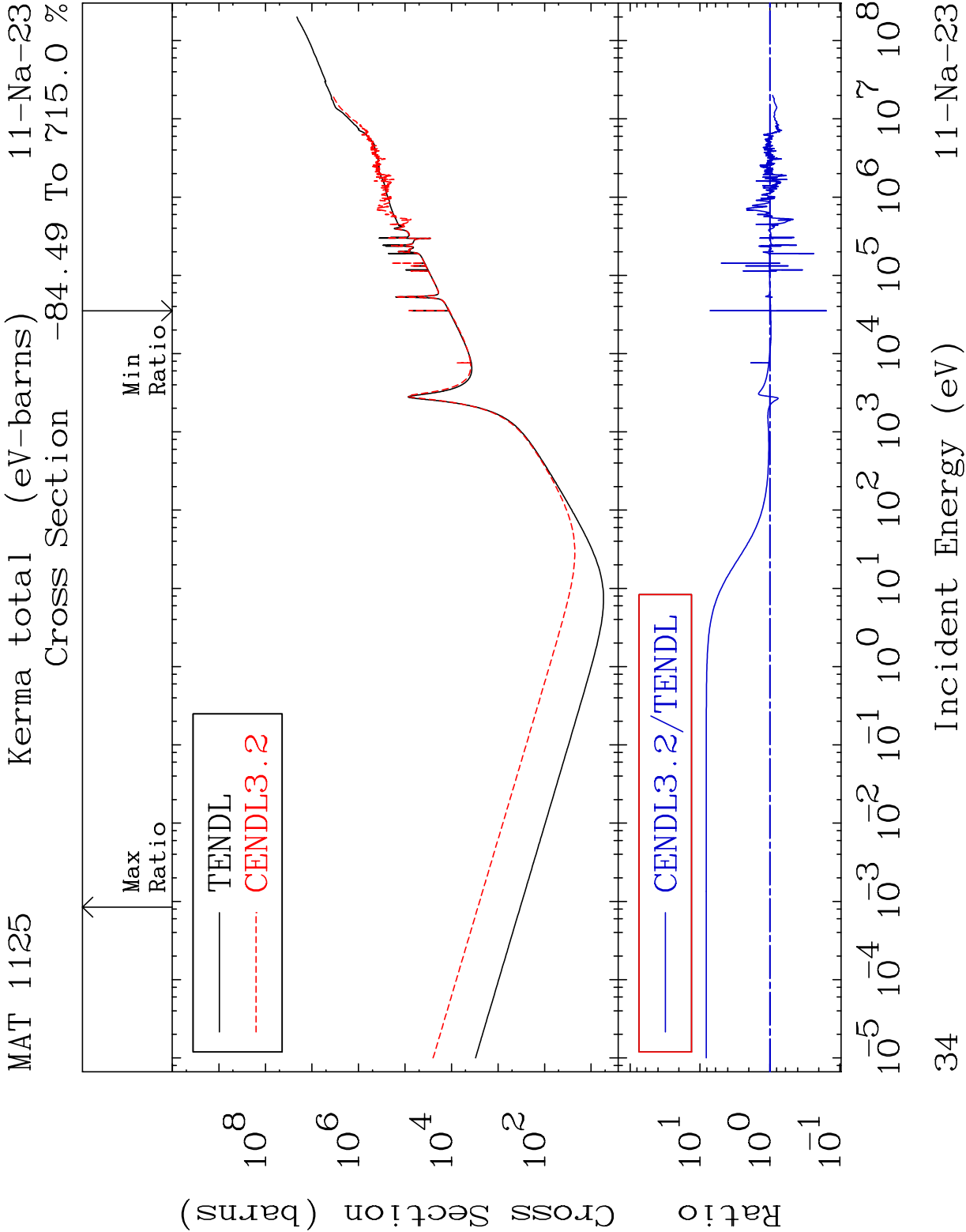
Cross Section	-100.0 To -5.768%
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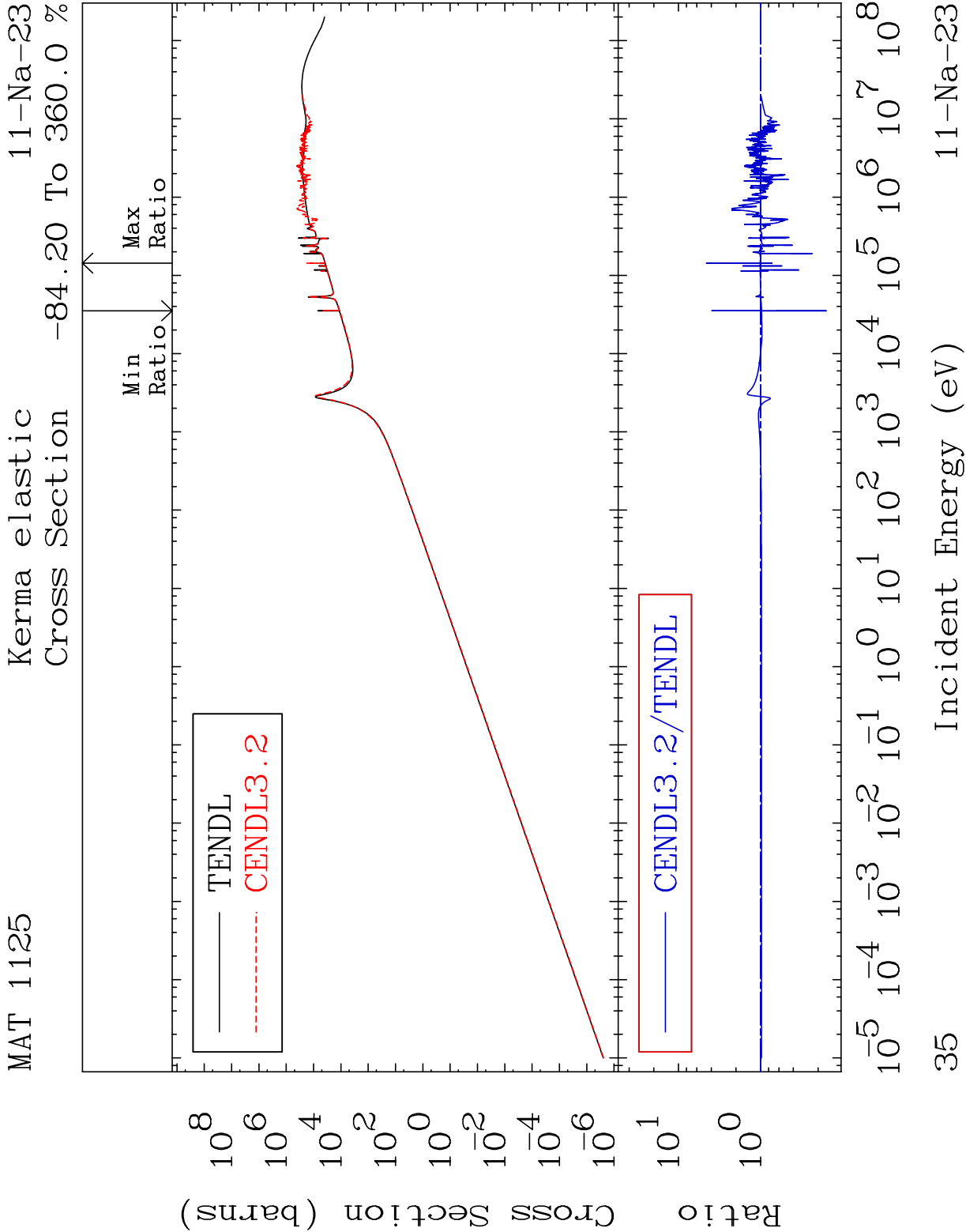


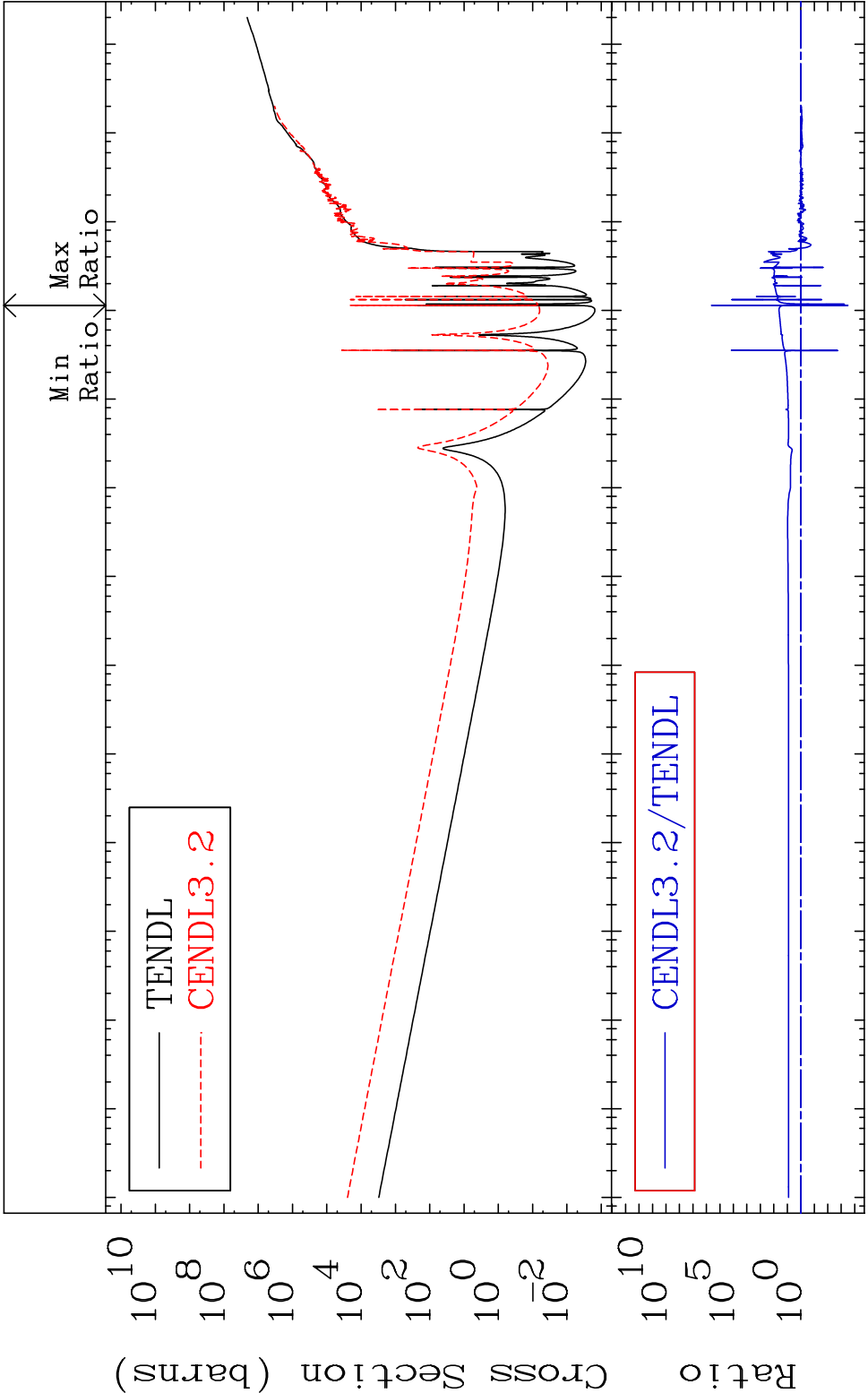


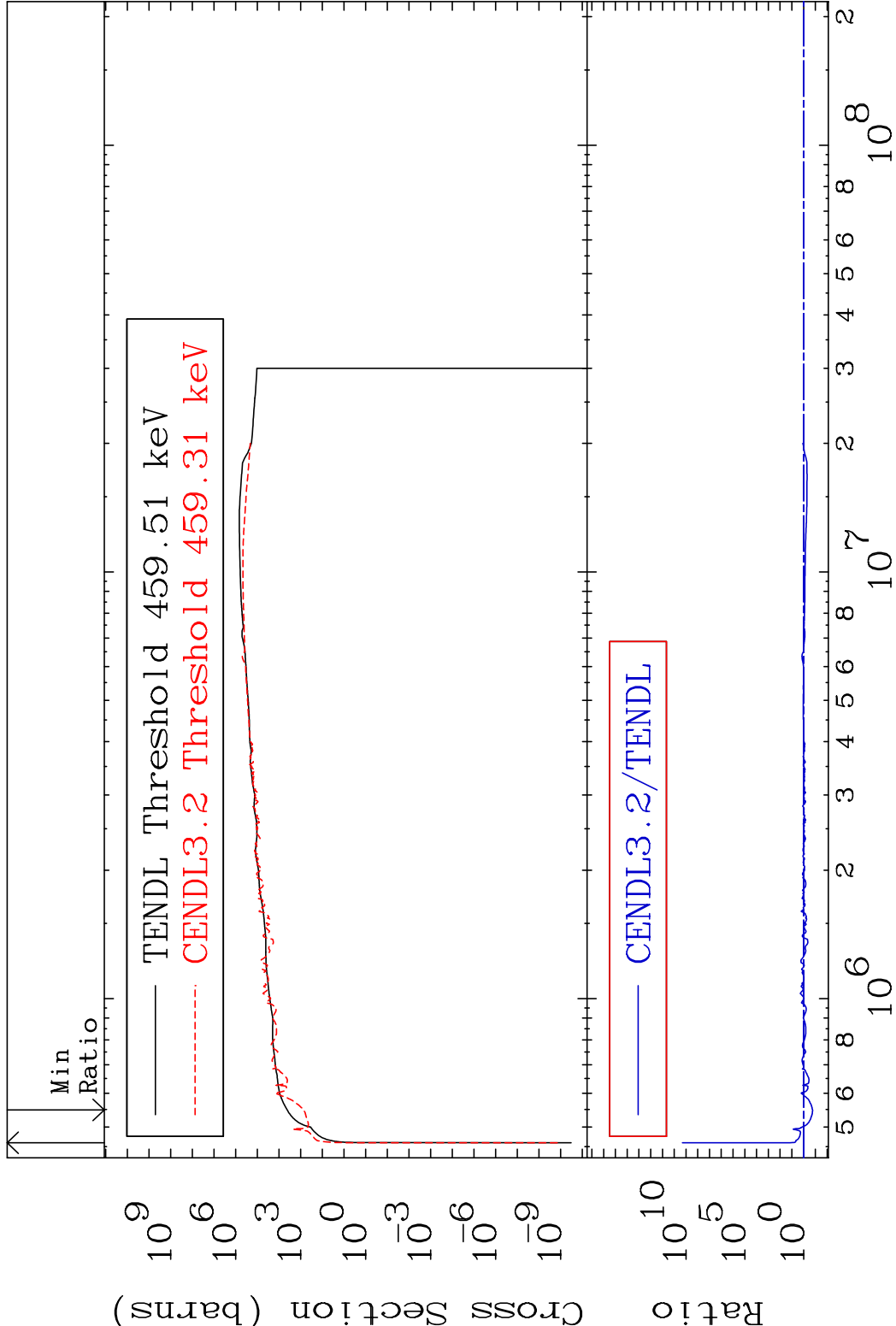




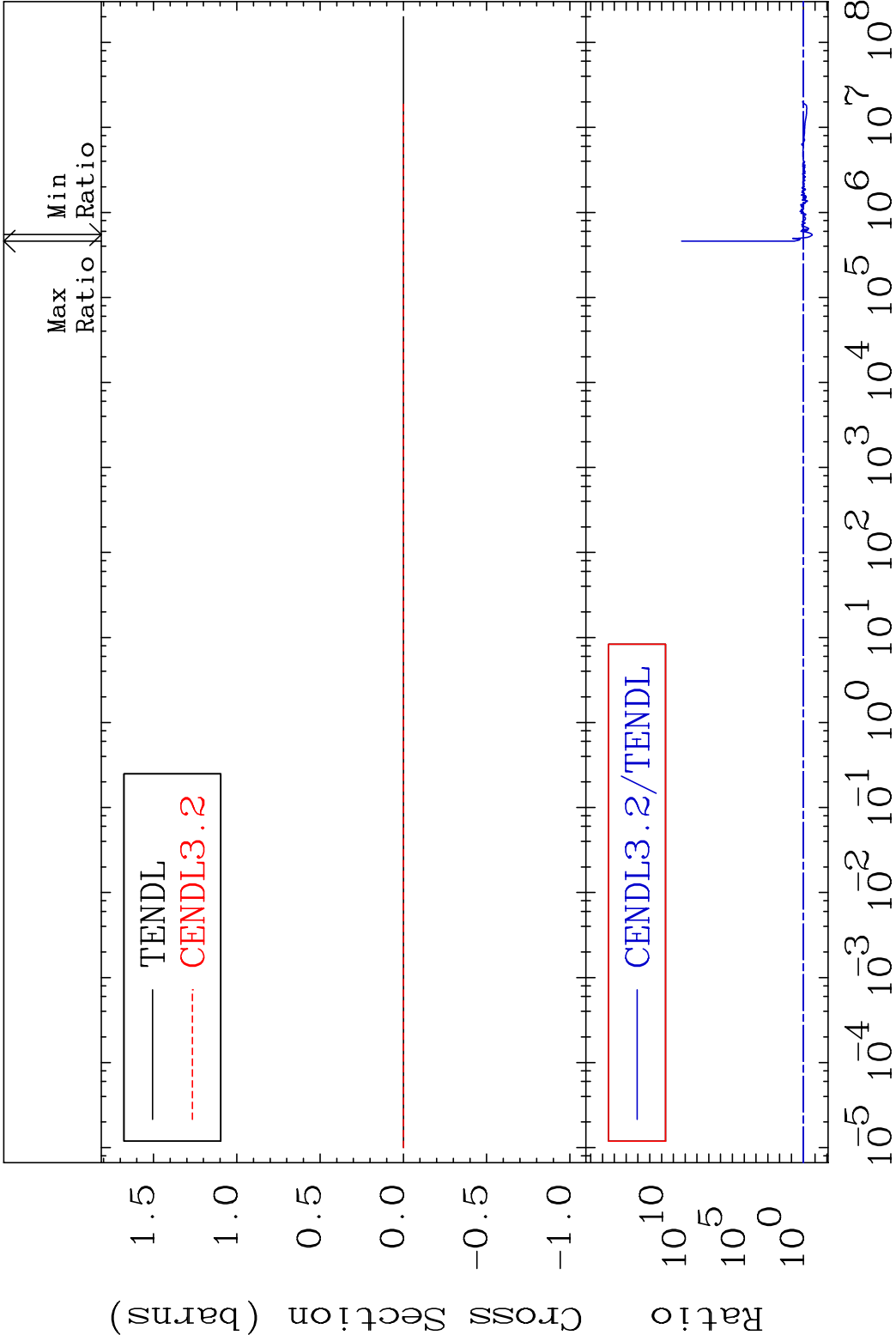


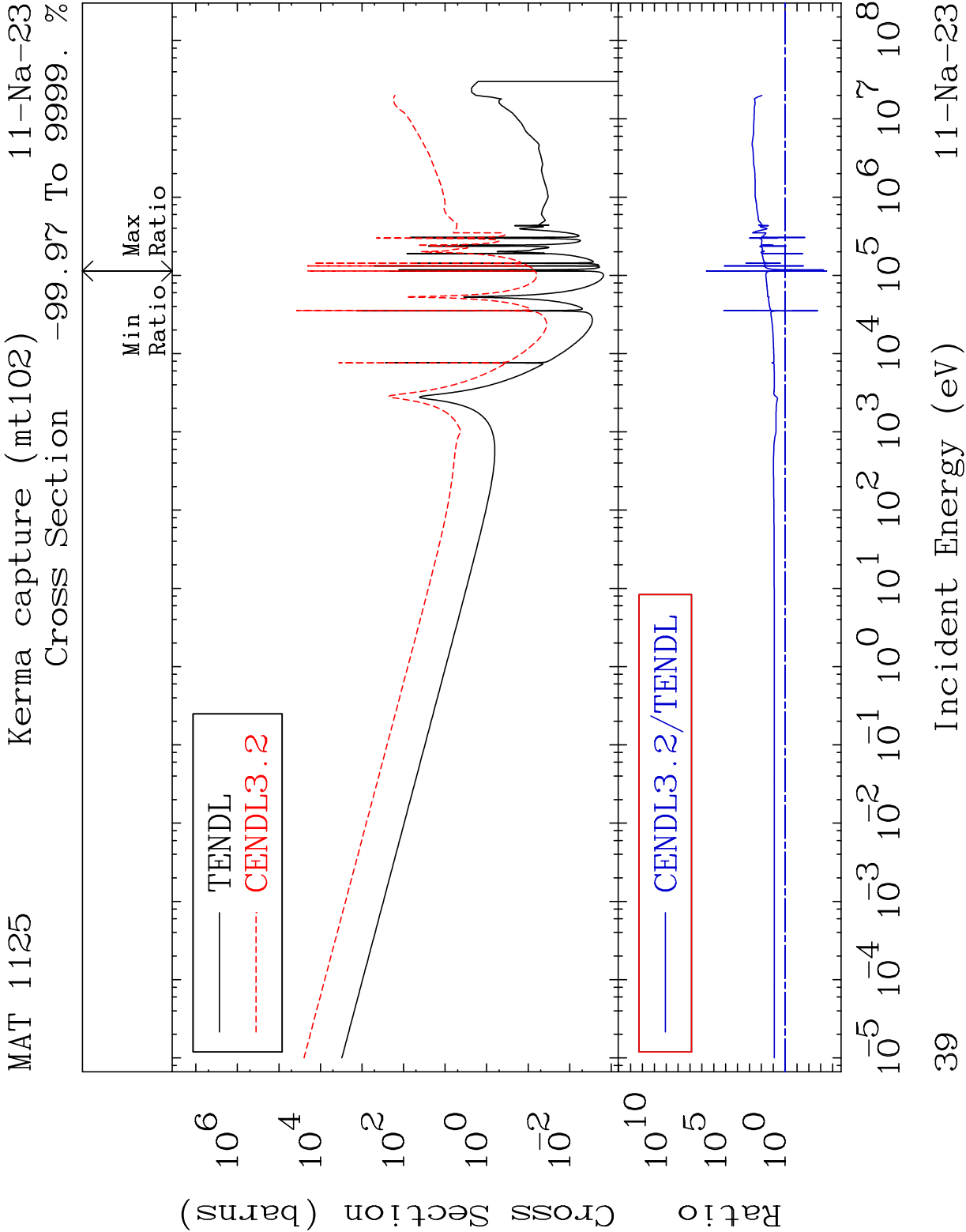


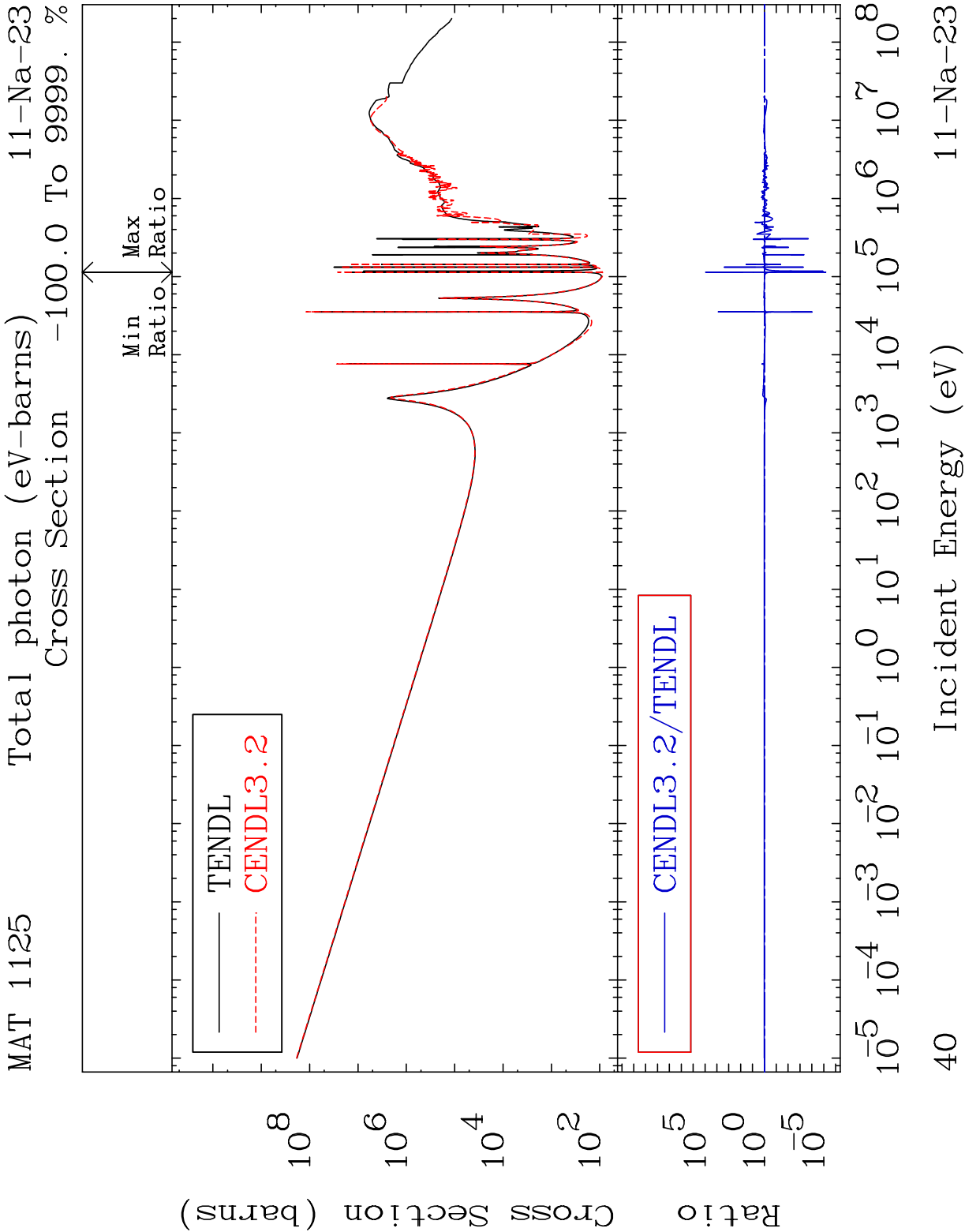




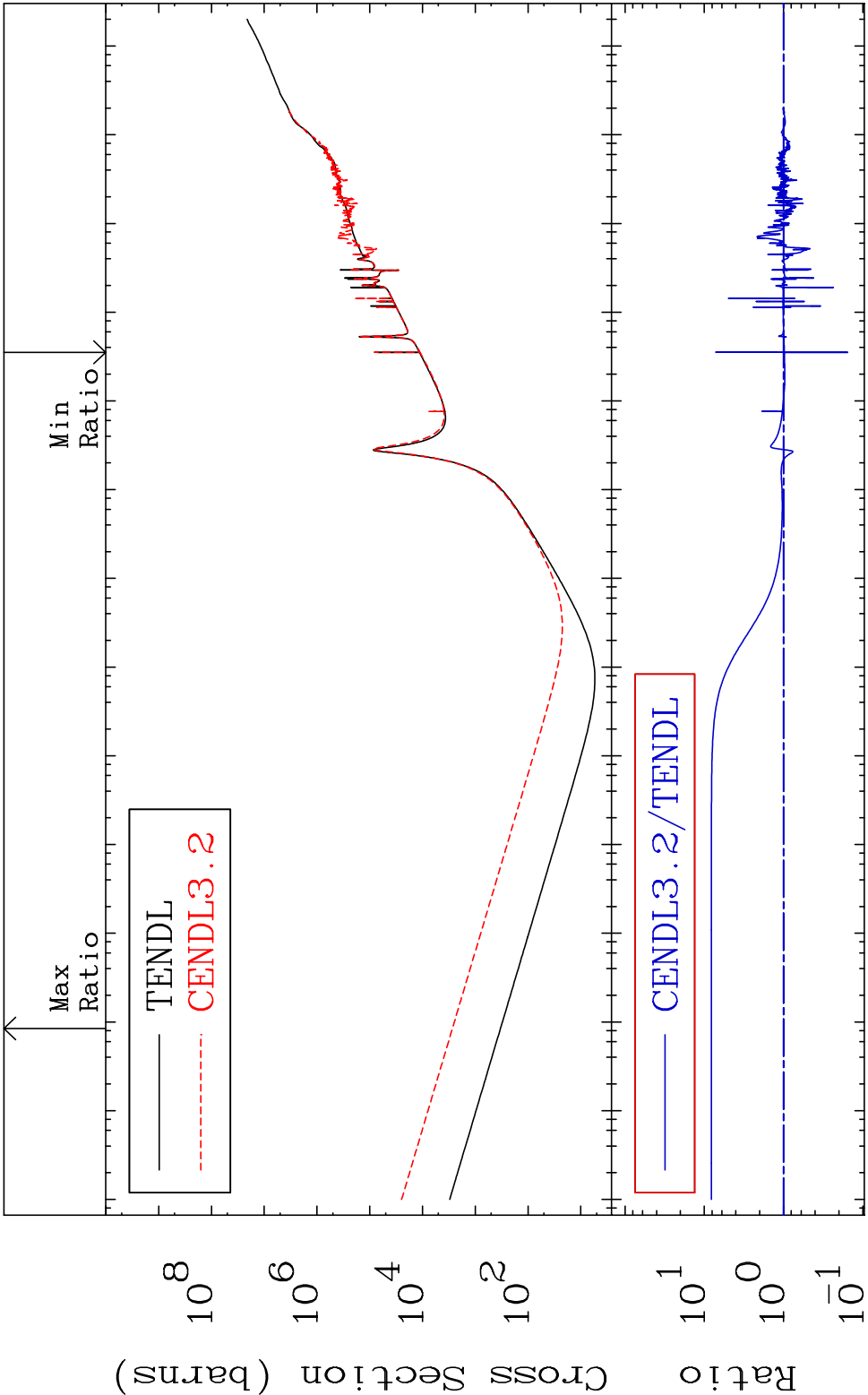
MAT 1125Kerma fission (mt18 or mt19-20-21-38) 11-Na-23
Cross Section -82.61 To 9999. %





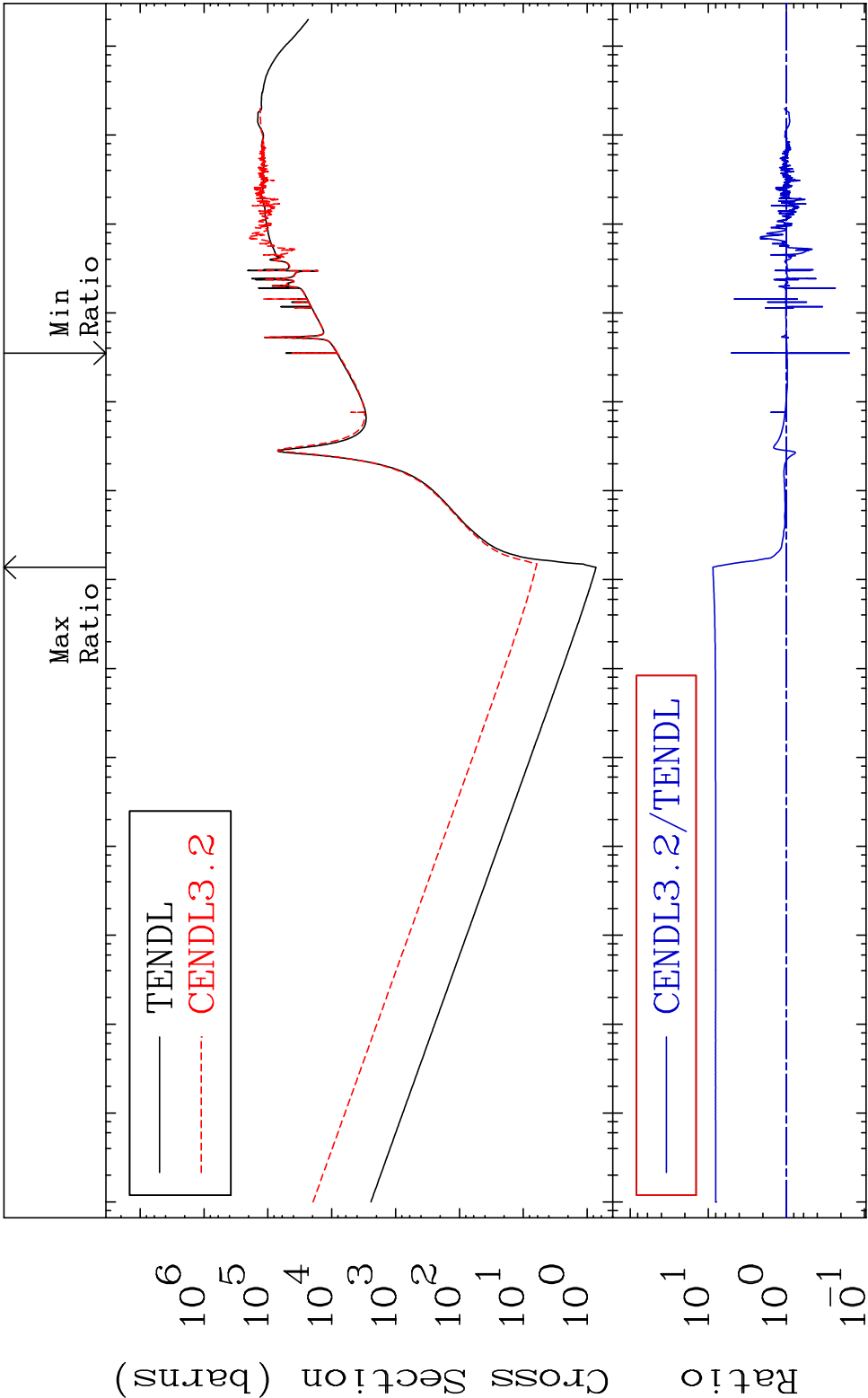


MAT 1125 Total kinematic kerma (high limit) 11-Na-23
Cross Section -84.49 To 715.0 %

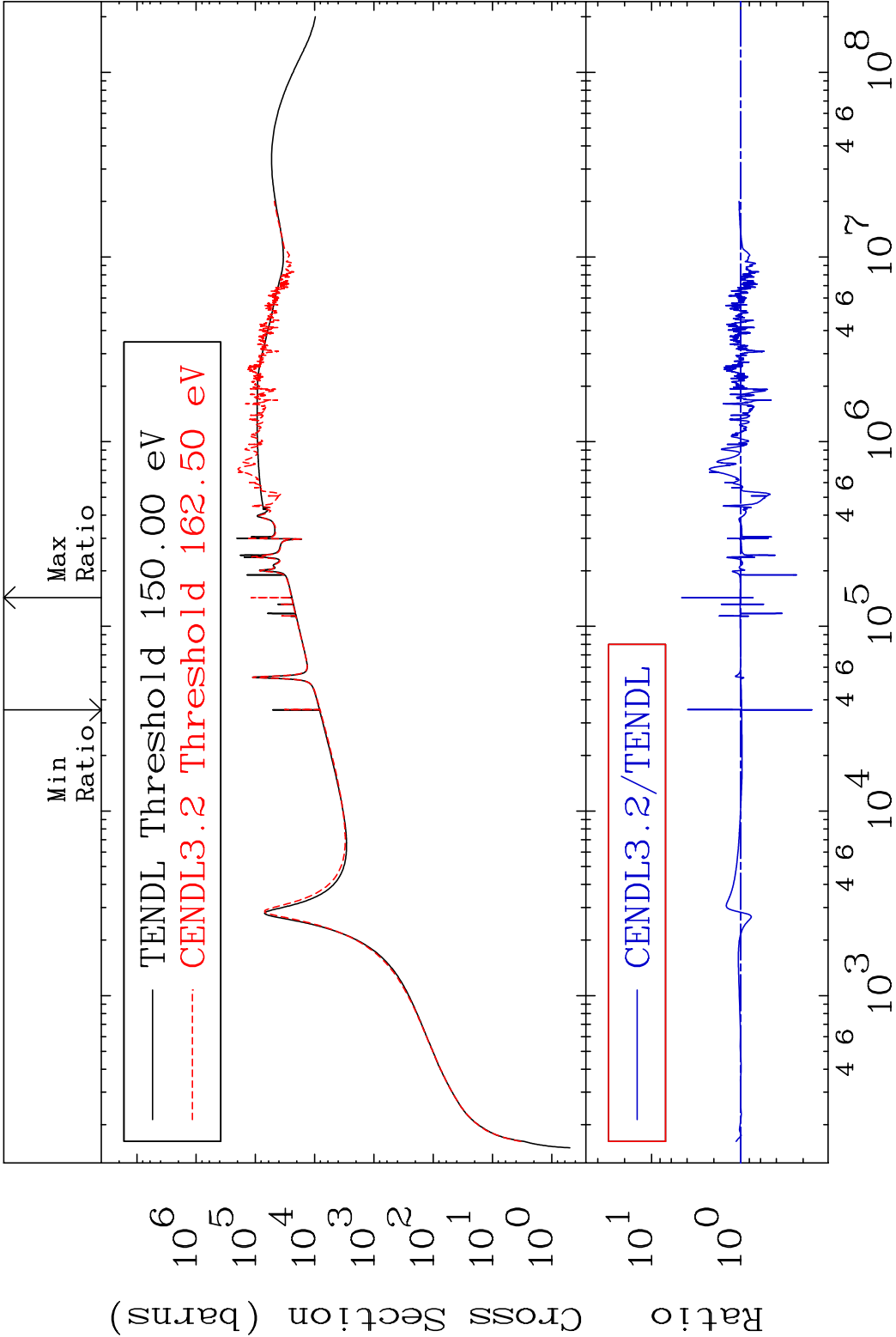


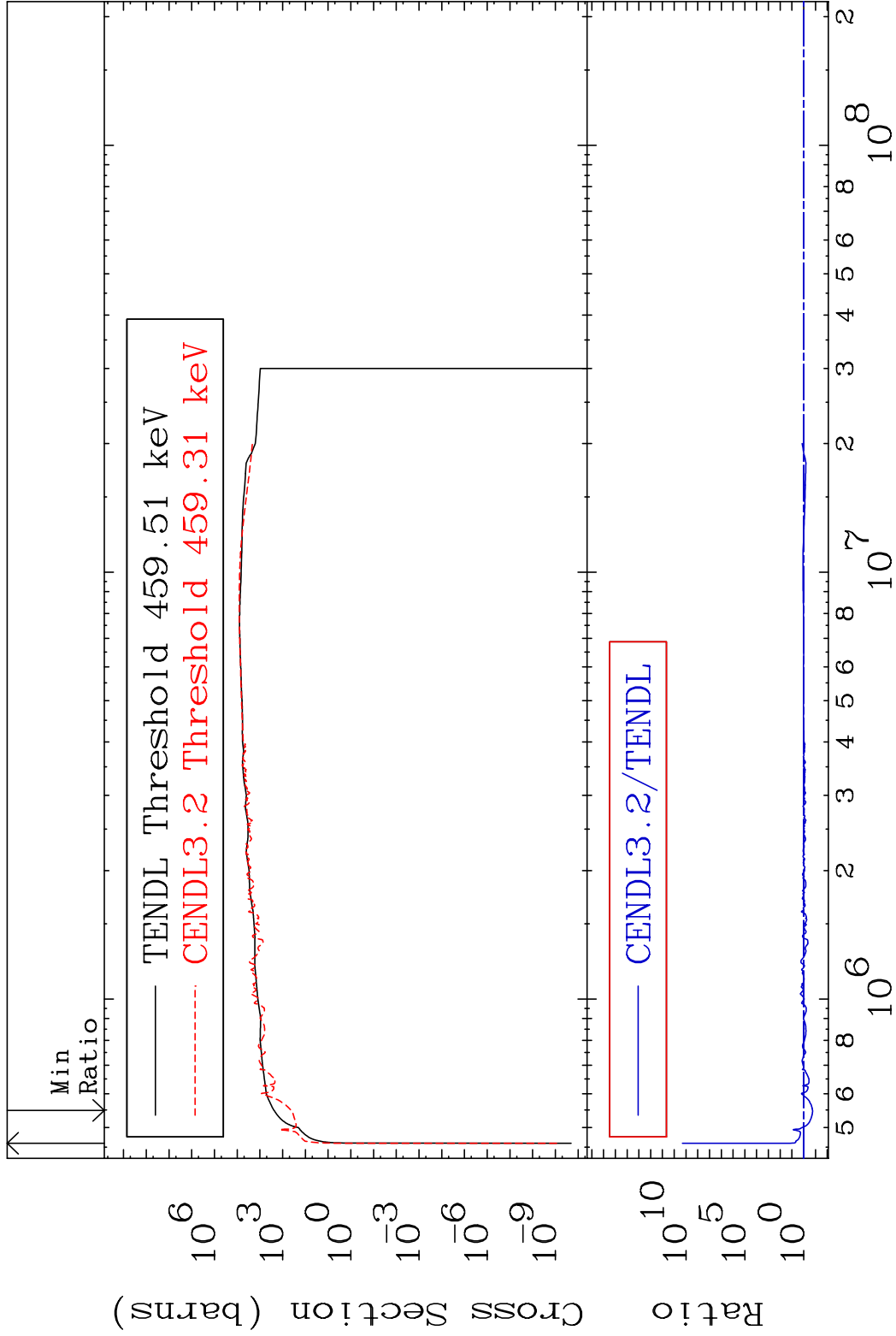
41 Incident Energy (eV) 11-Na-23

MAT 1125 Dpa total (eV-barns) 11-Na-23
 Cross Section -84.52 To 774.0 %

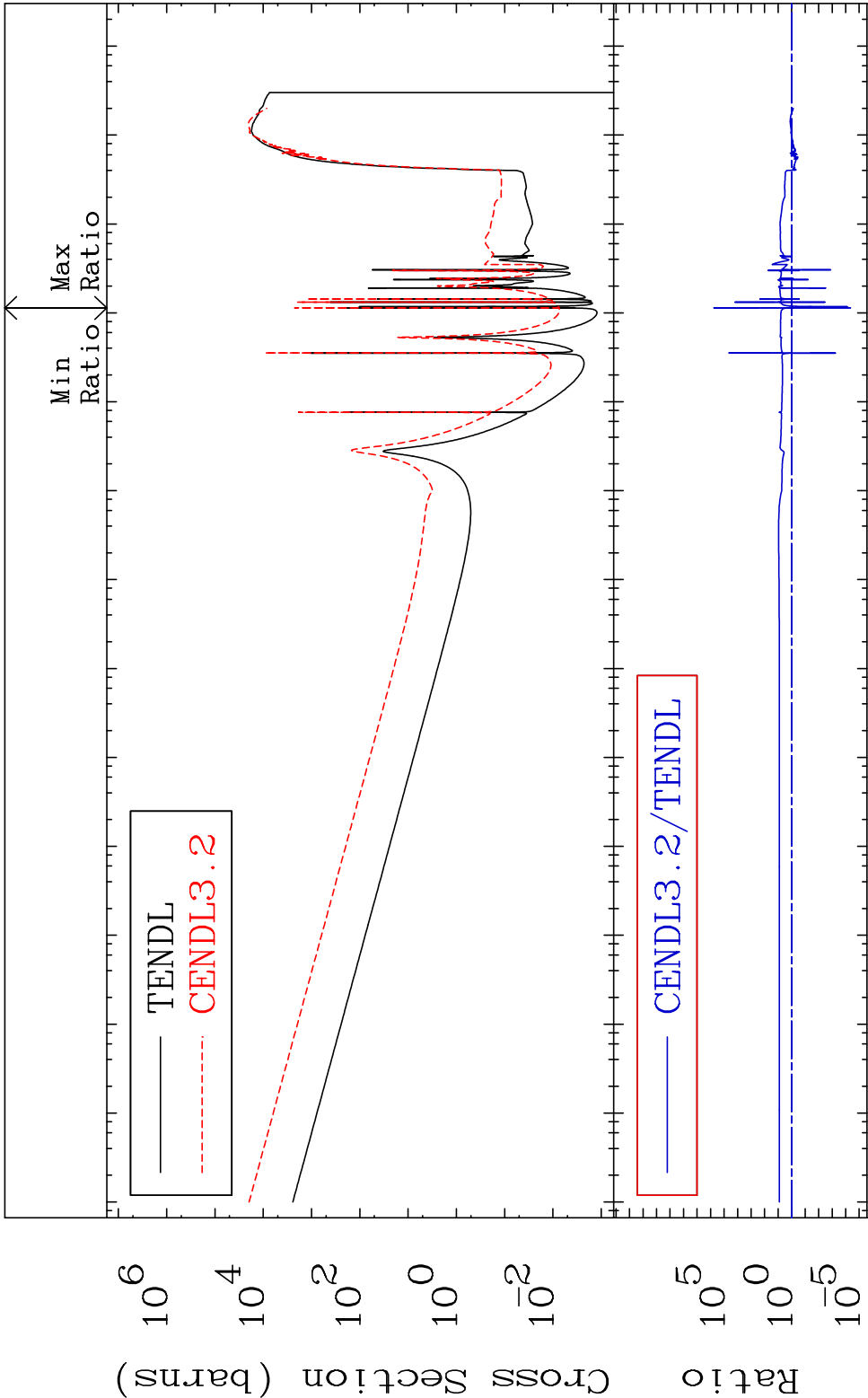


MAT 1125 Dpa elastic (mt2) 11-Na-23
Cross Section -84.20 To 360.7 %

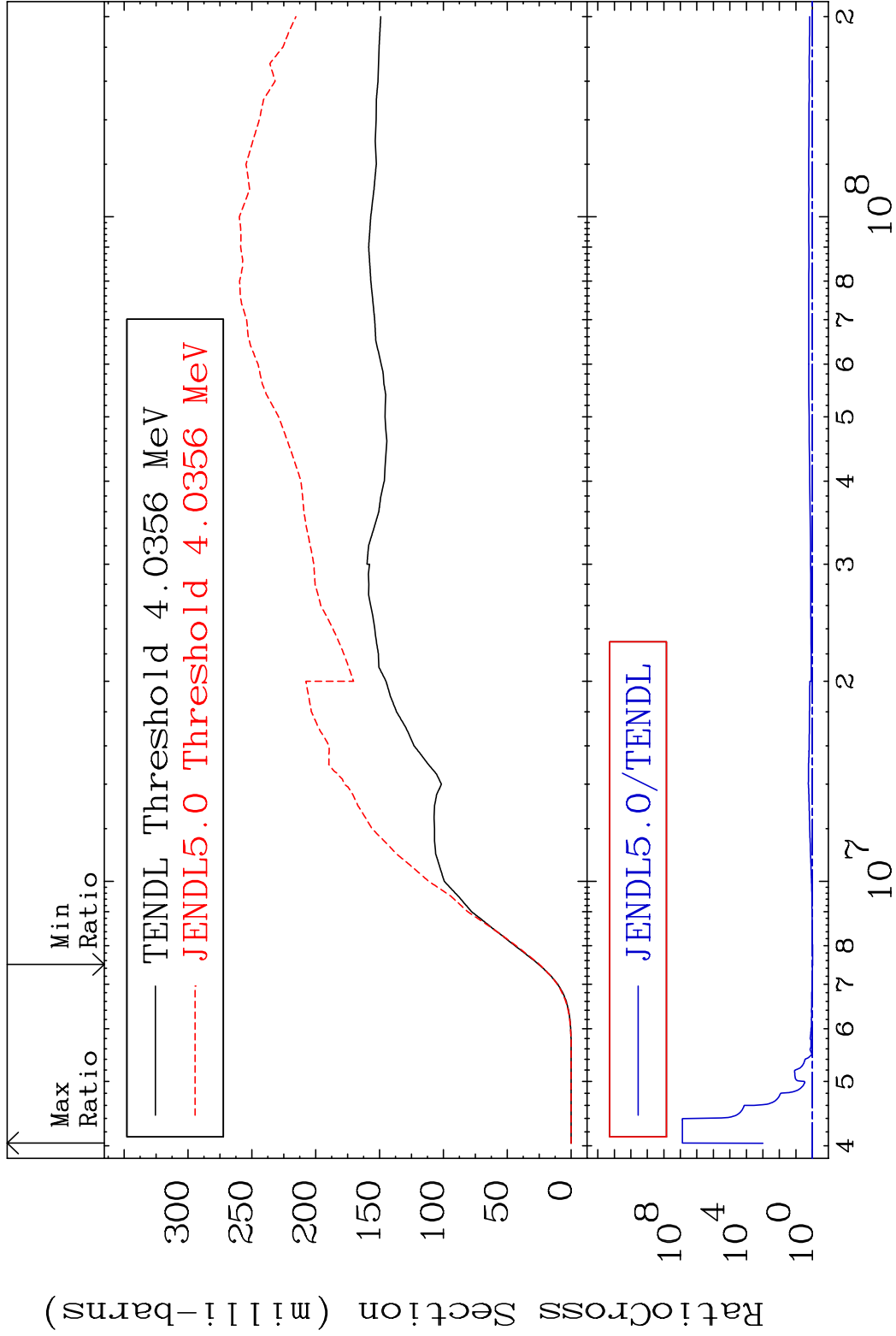


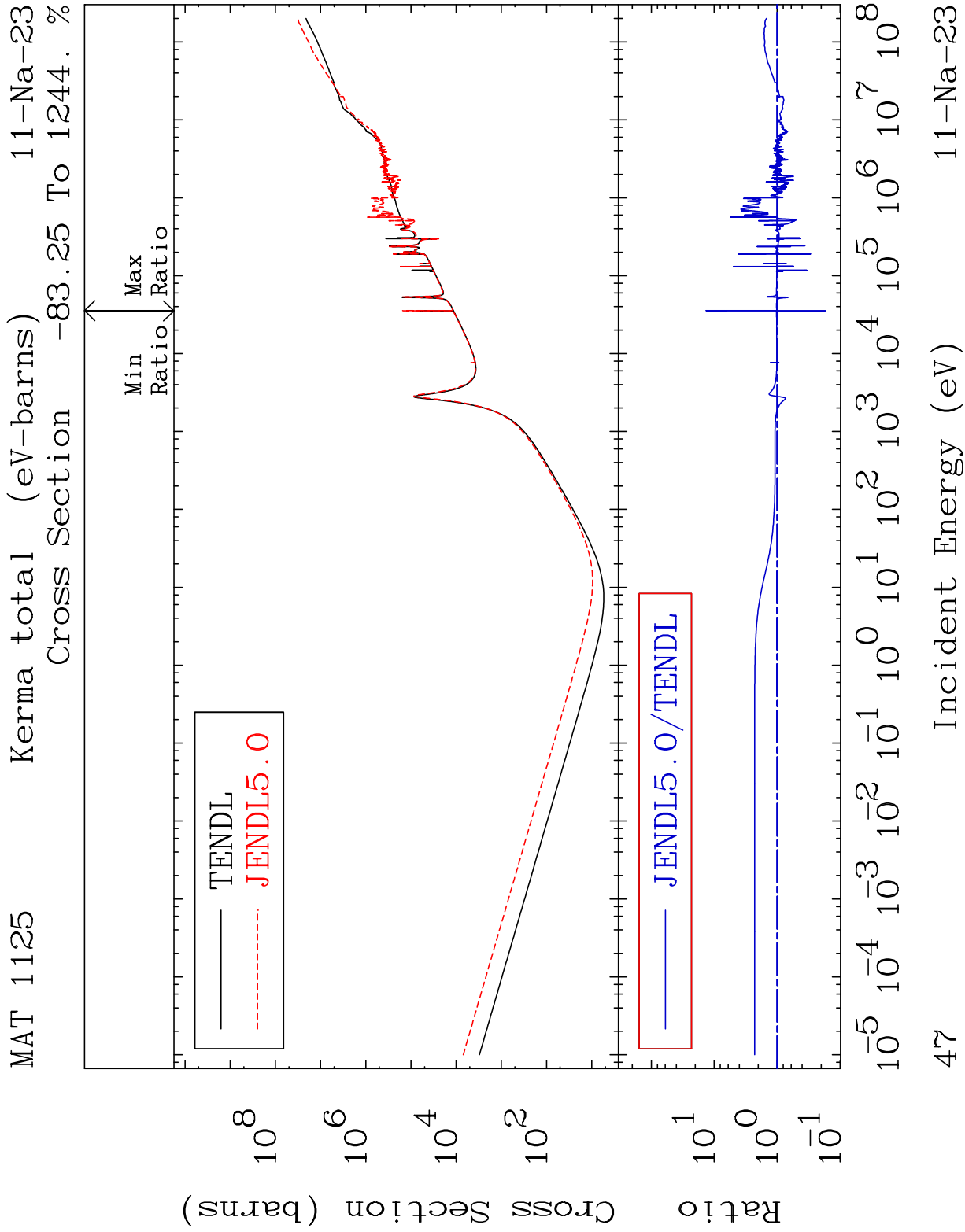


MAT 1125 Dpa disappearance (mt102 -120) 11-Na-23
Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 11-Na-23

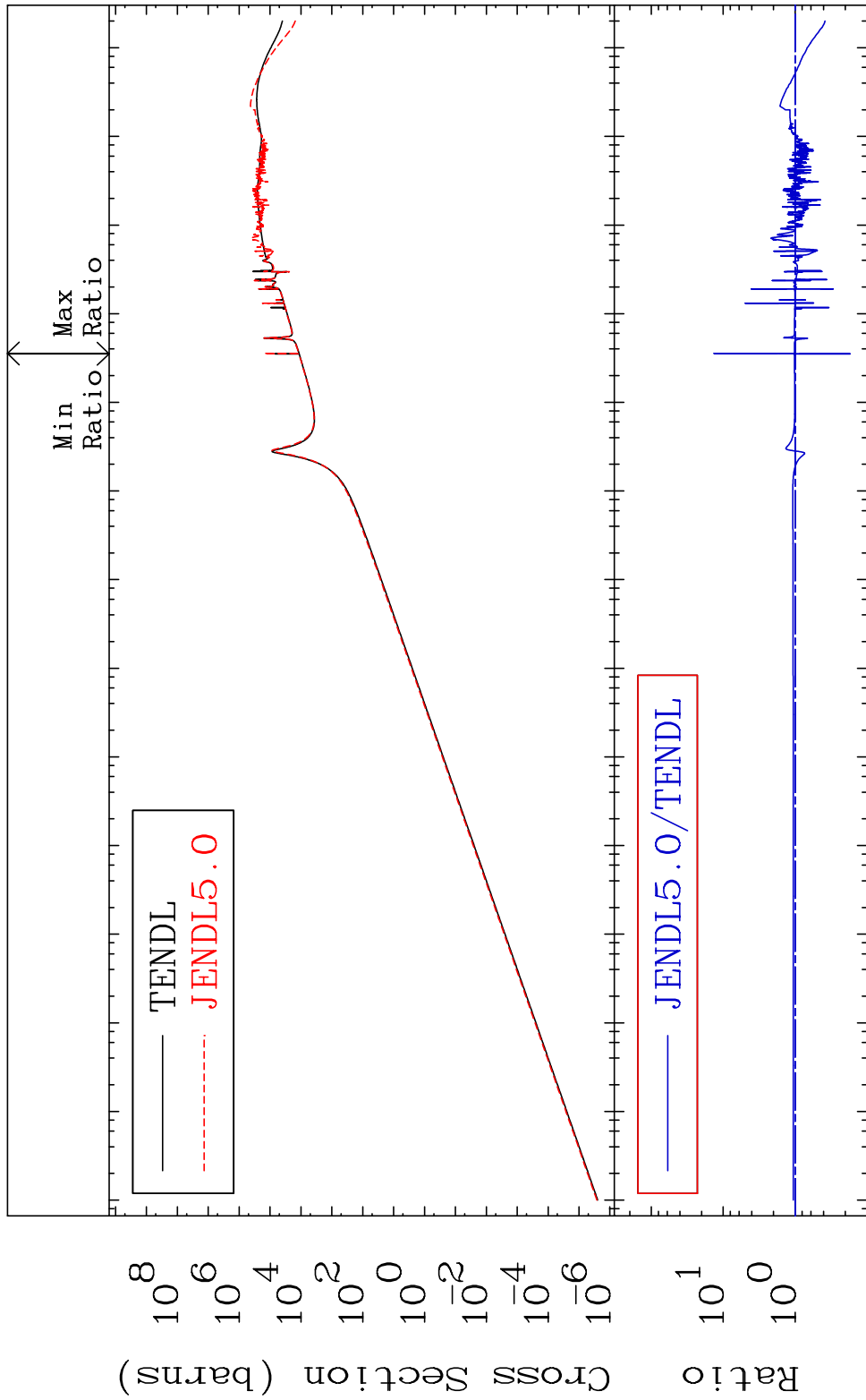


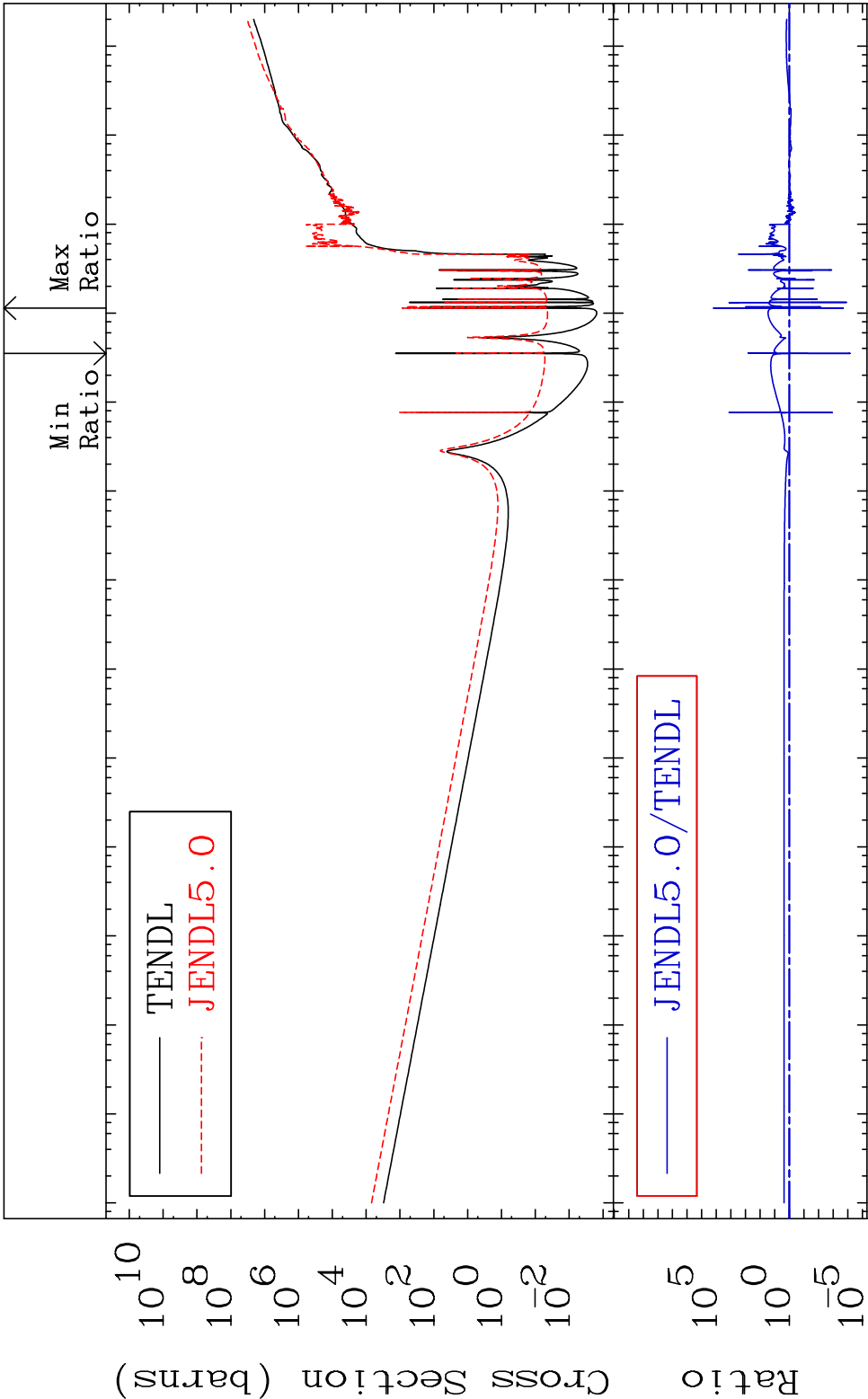


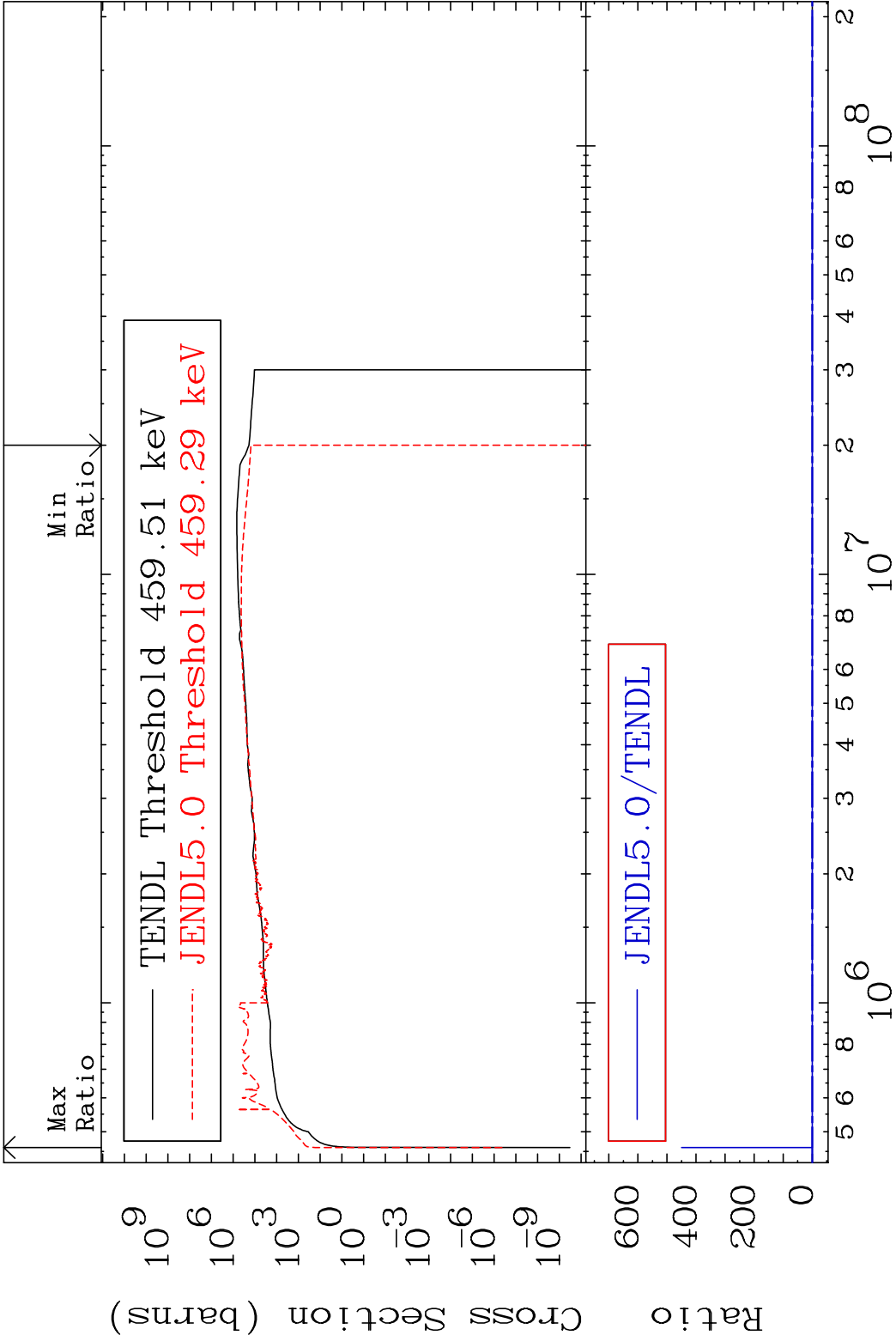
MAT 1125

Kerma elastic
Cross Section

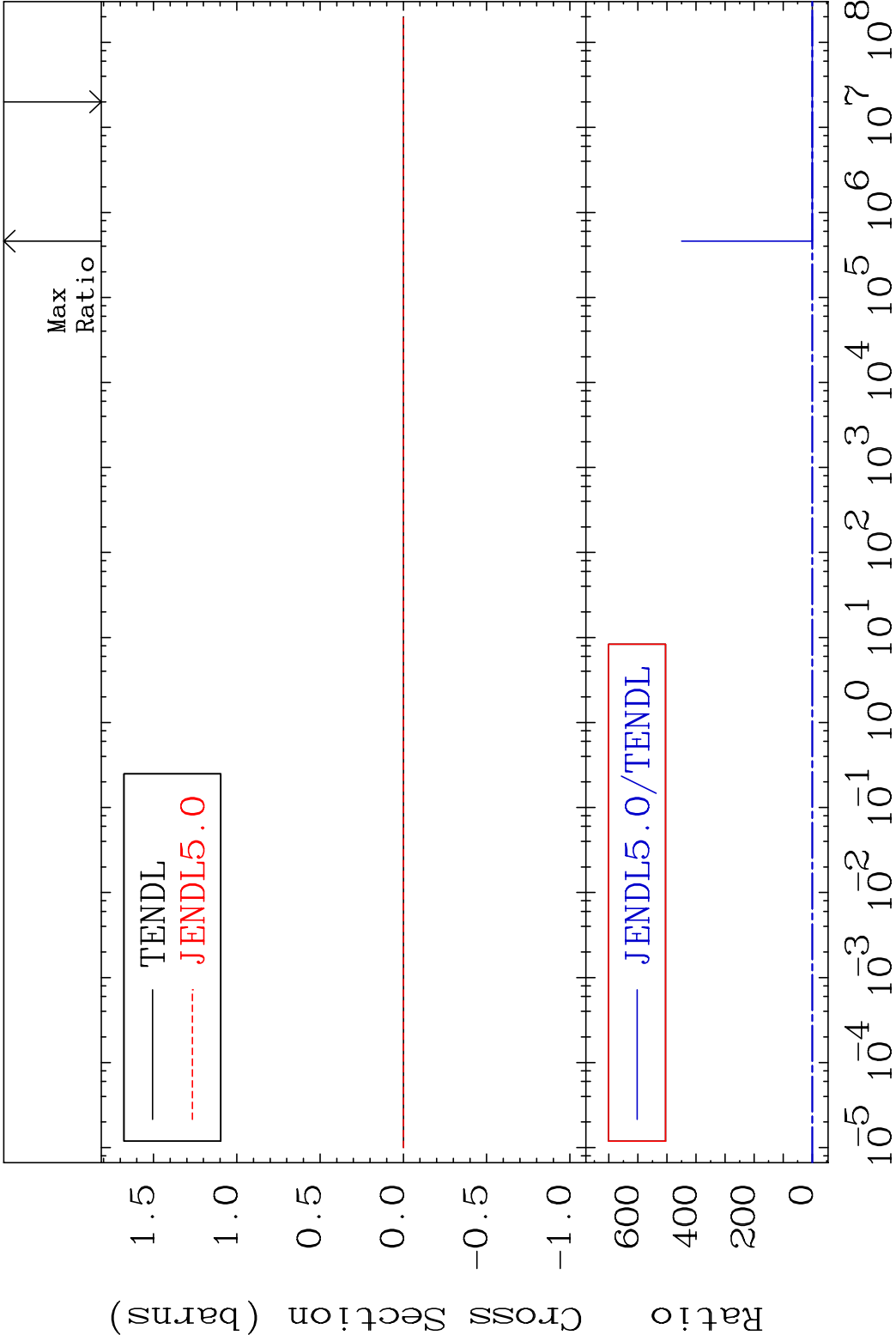
11-Na-23
-82.93 To 1244. %

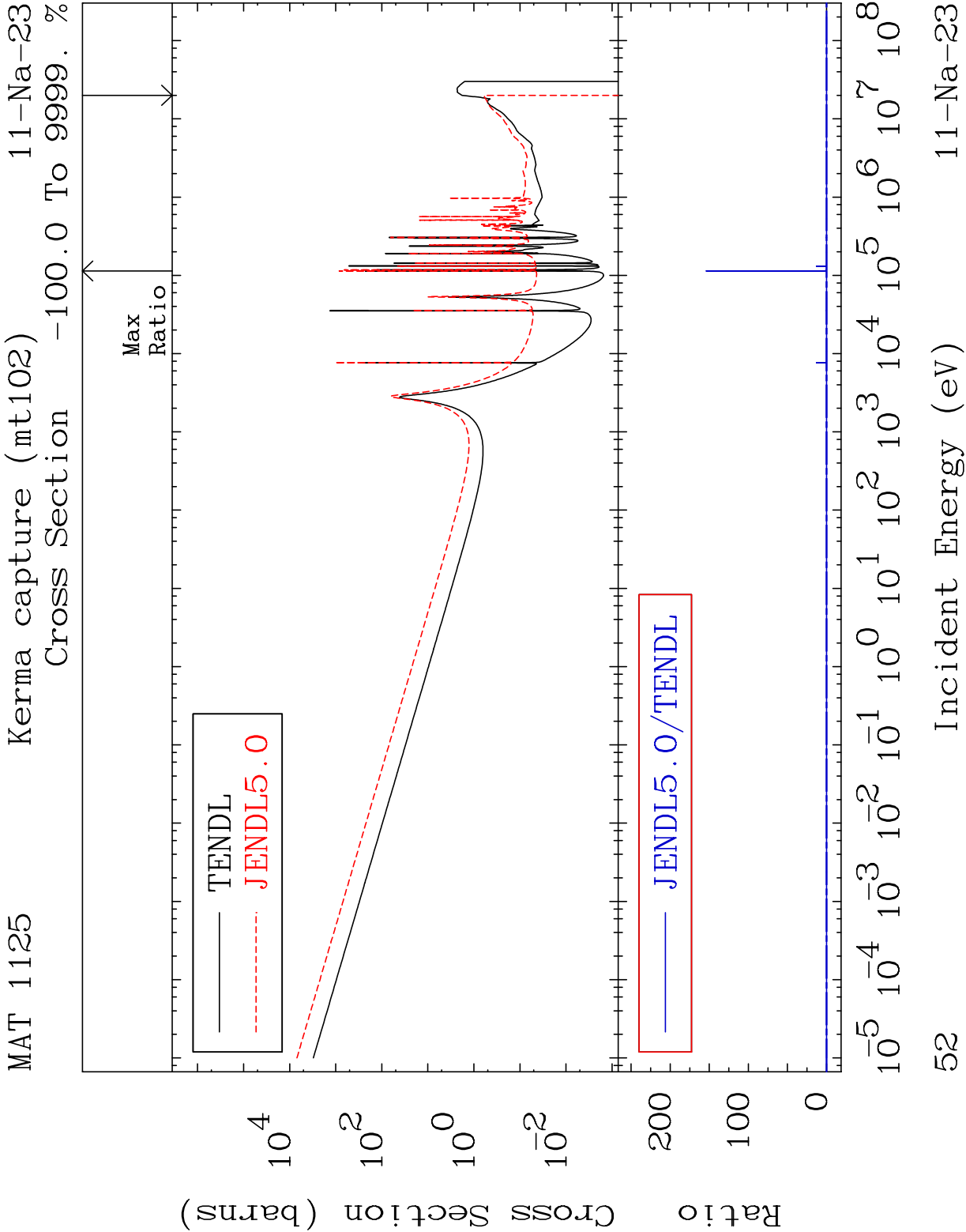


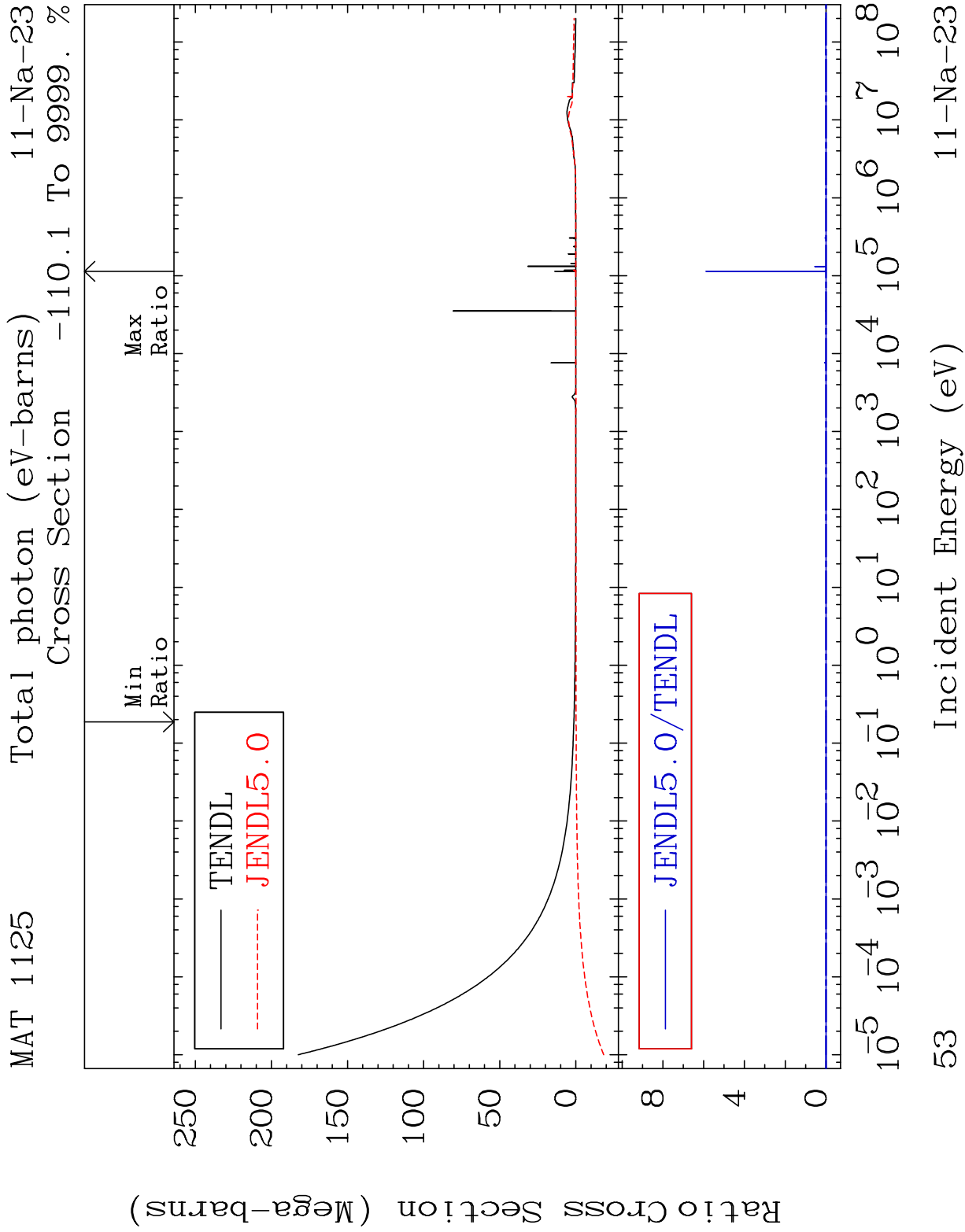




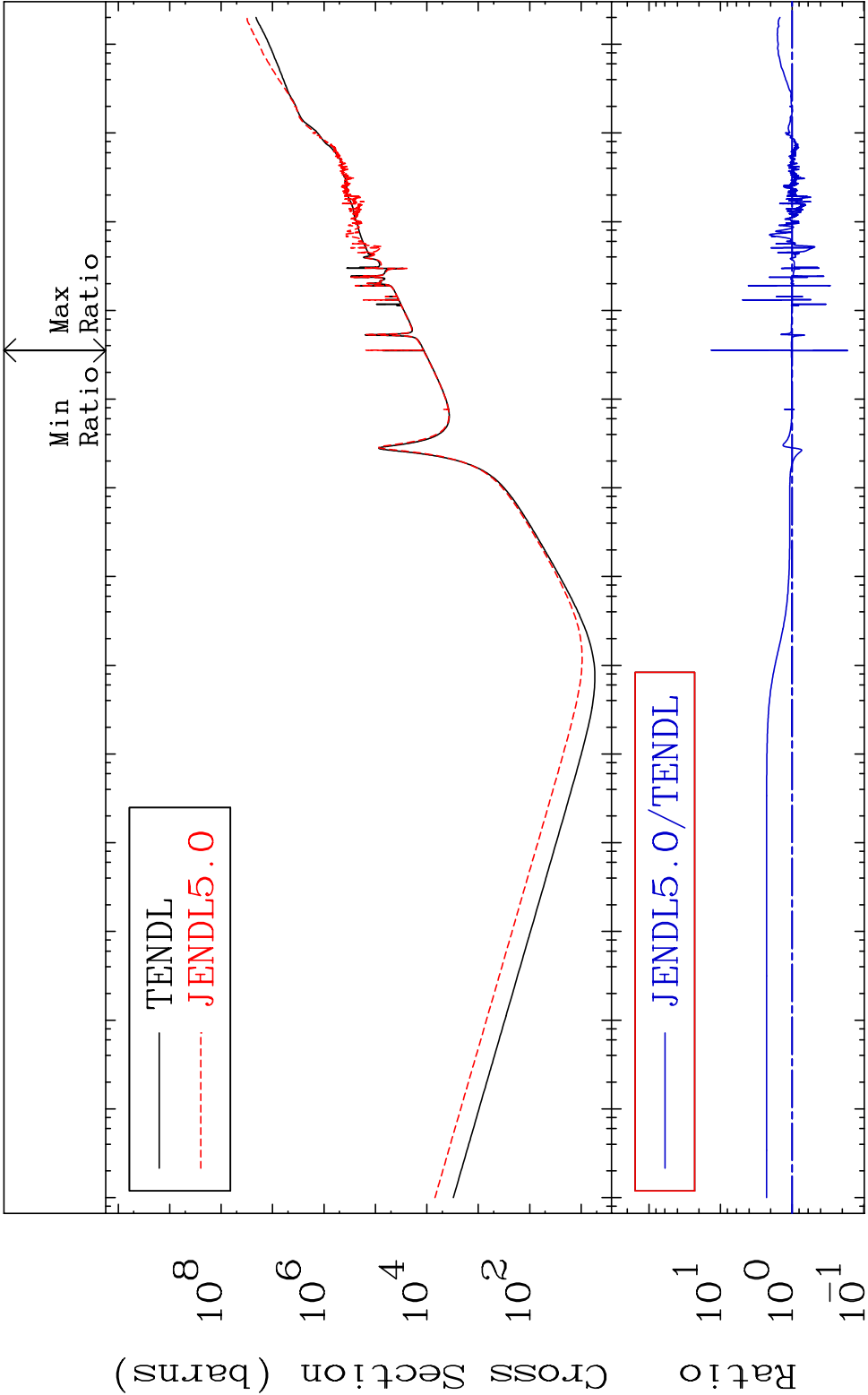
MAT 1125 Kerma fission (mt18 or mt19-20-21-38) 11-Na-23
Cross Section -100.0 To 9999. %



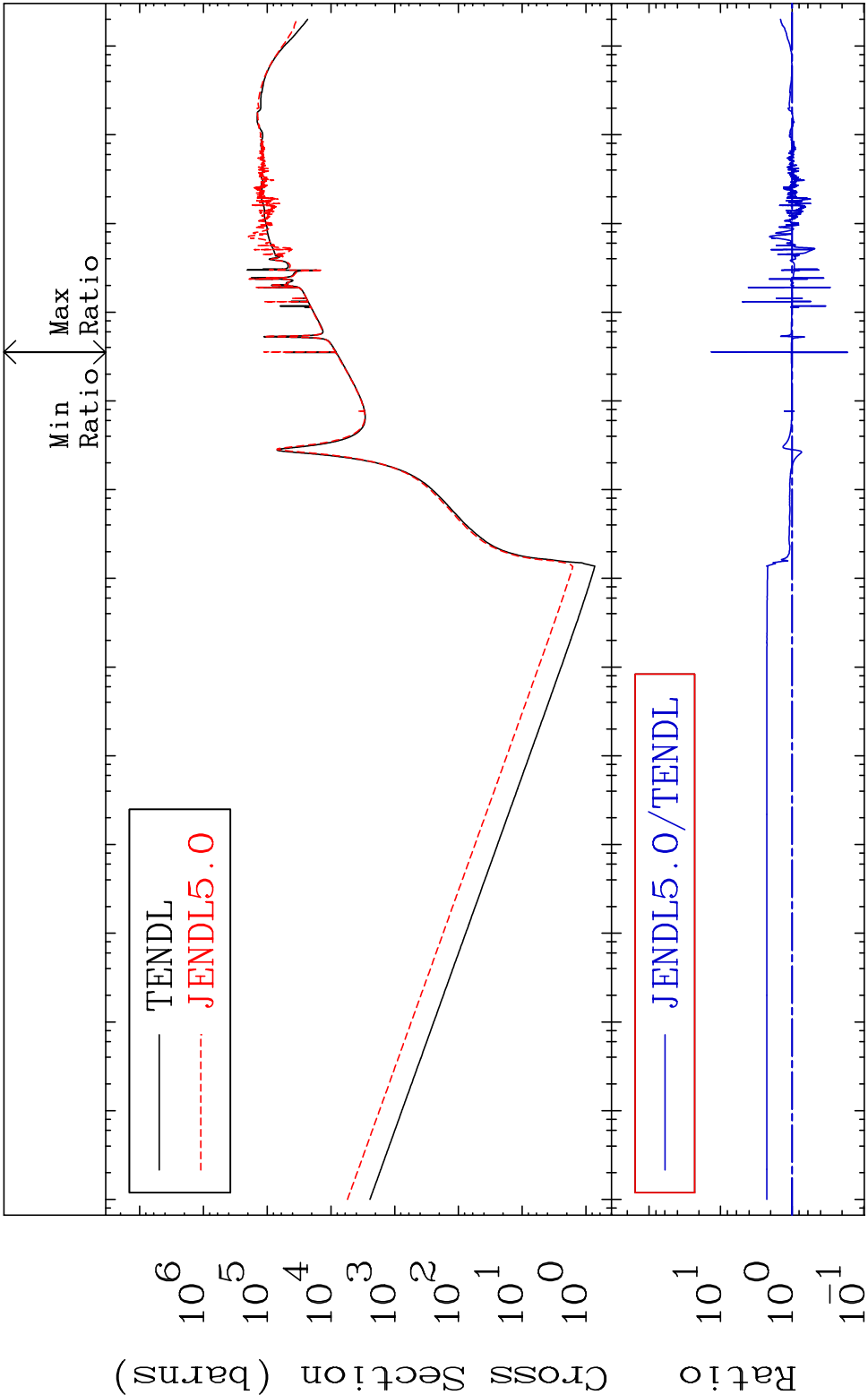




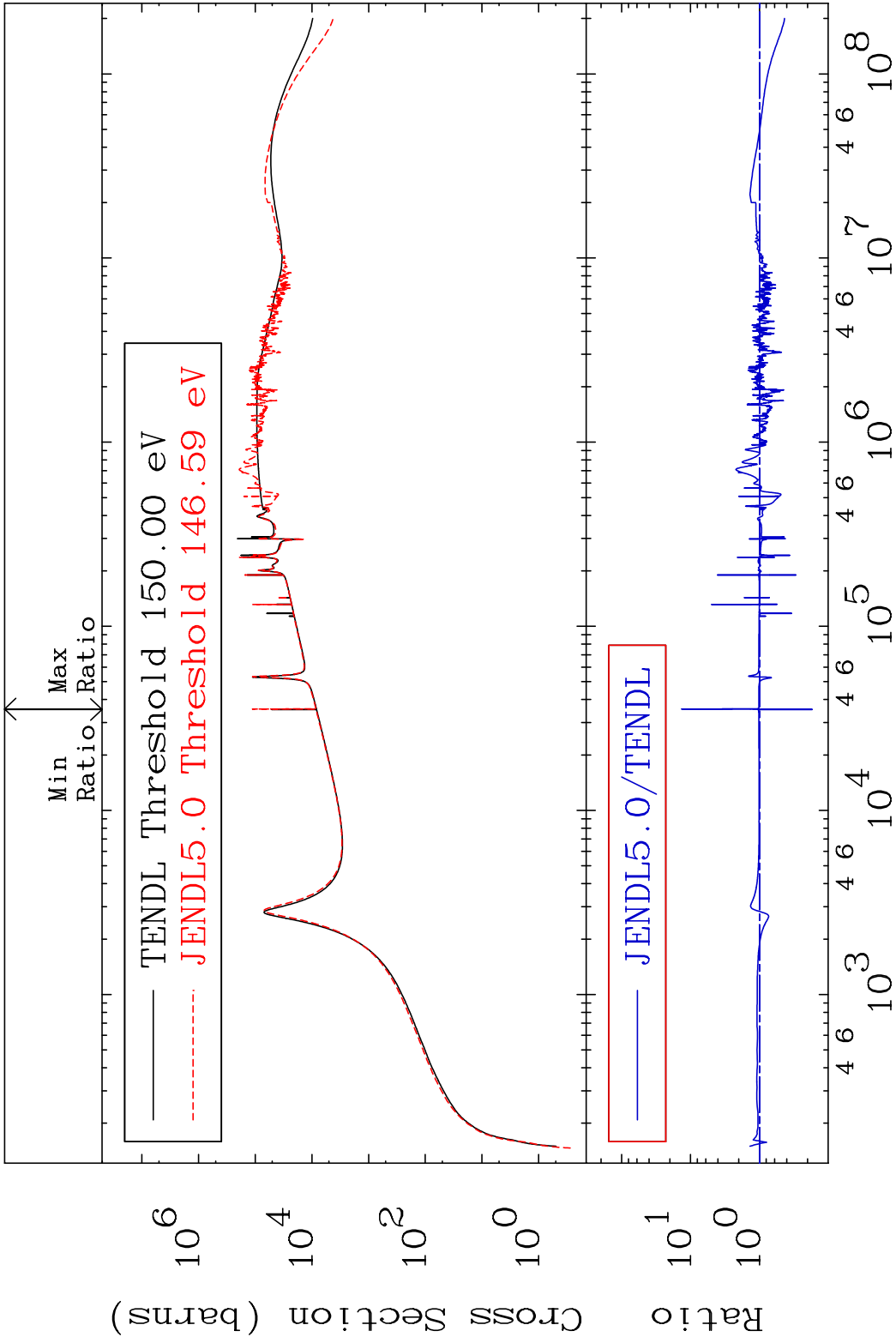
MAT 1125 Total kinematic kerma (high limit) 11-Na-23
Cross Section -83.25 To 1244. %

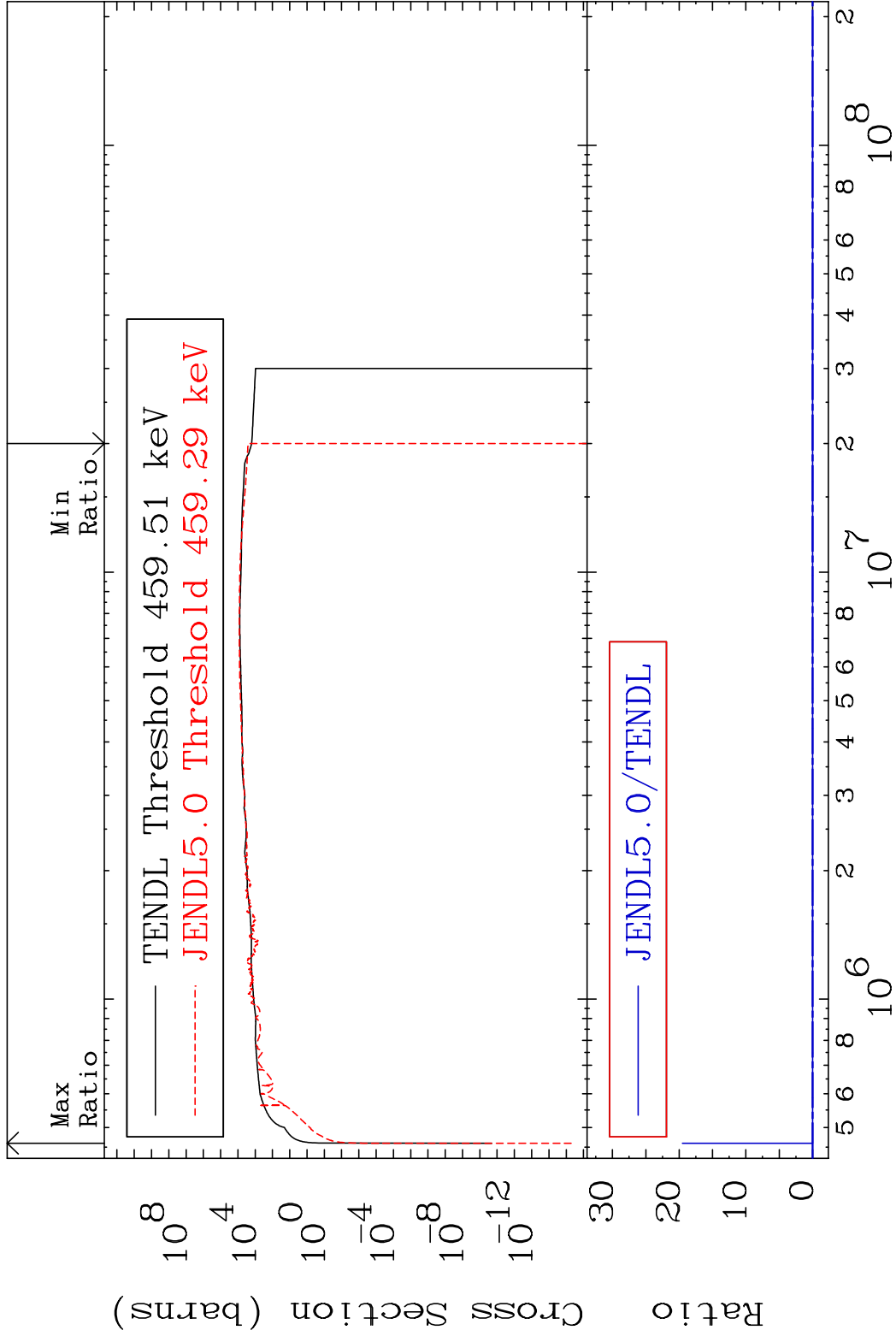


MAT 1125 Dpa total (eV-barns) 11-Na-23
Cross Section -83.29 To 1244. %



55 Incident Energy (eV) 11-Na-23





MAT 1125 Dpa disappearance (mt102 -120) 11-Na-23
Cross Section -100.0 To 9999. %

