

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

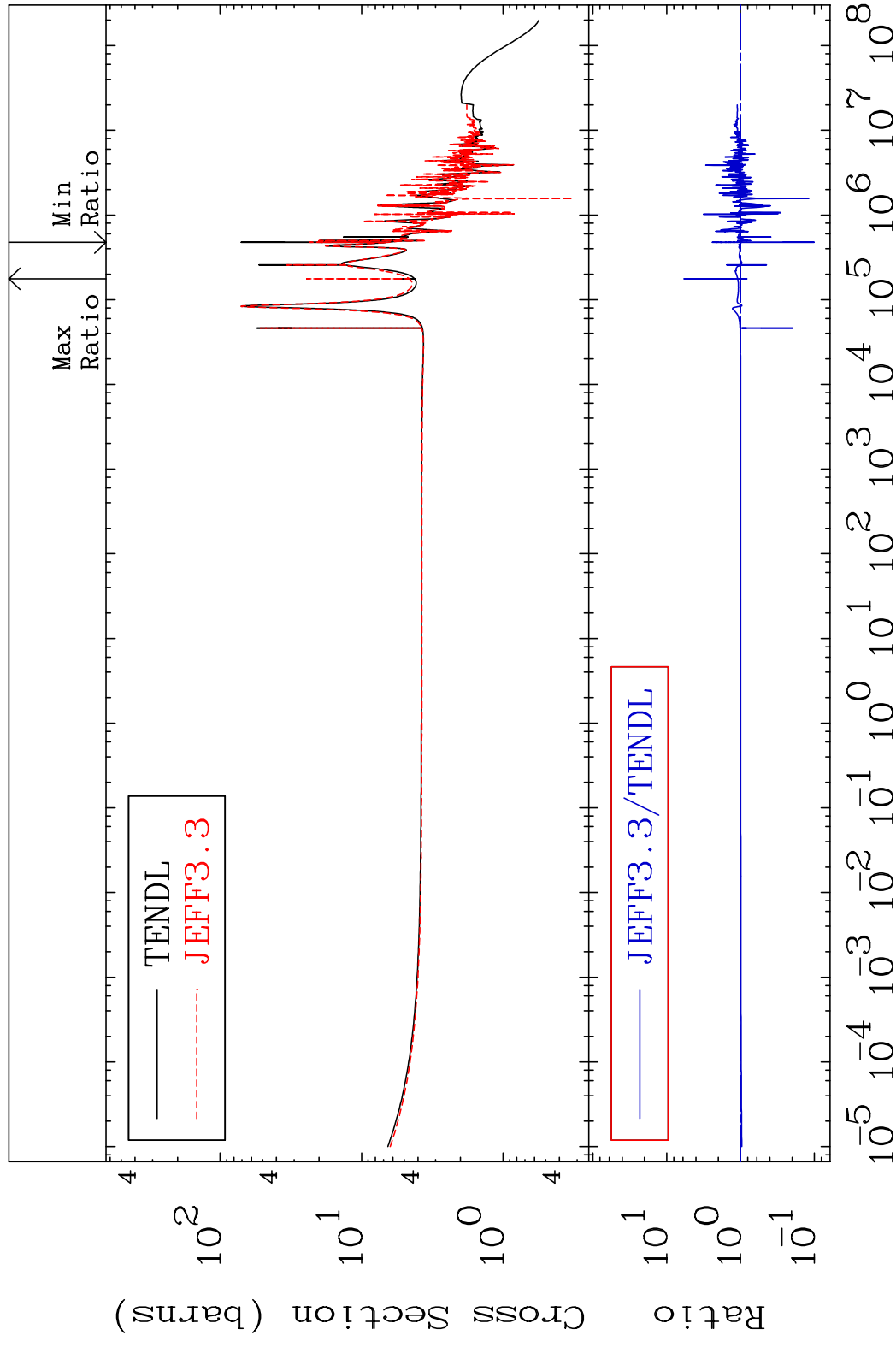
MAT 1225

Total

12-Mg-24

Cross Section

-89.99 To 481.5 %



1

Incident Energy (eV)

12-Mg-24

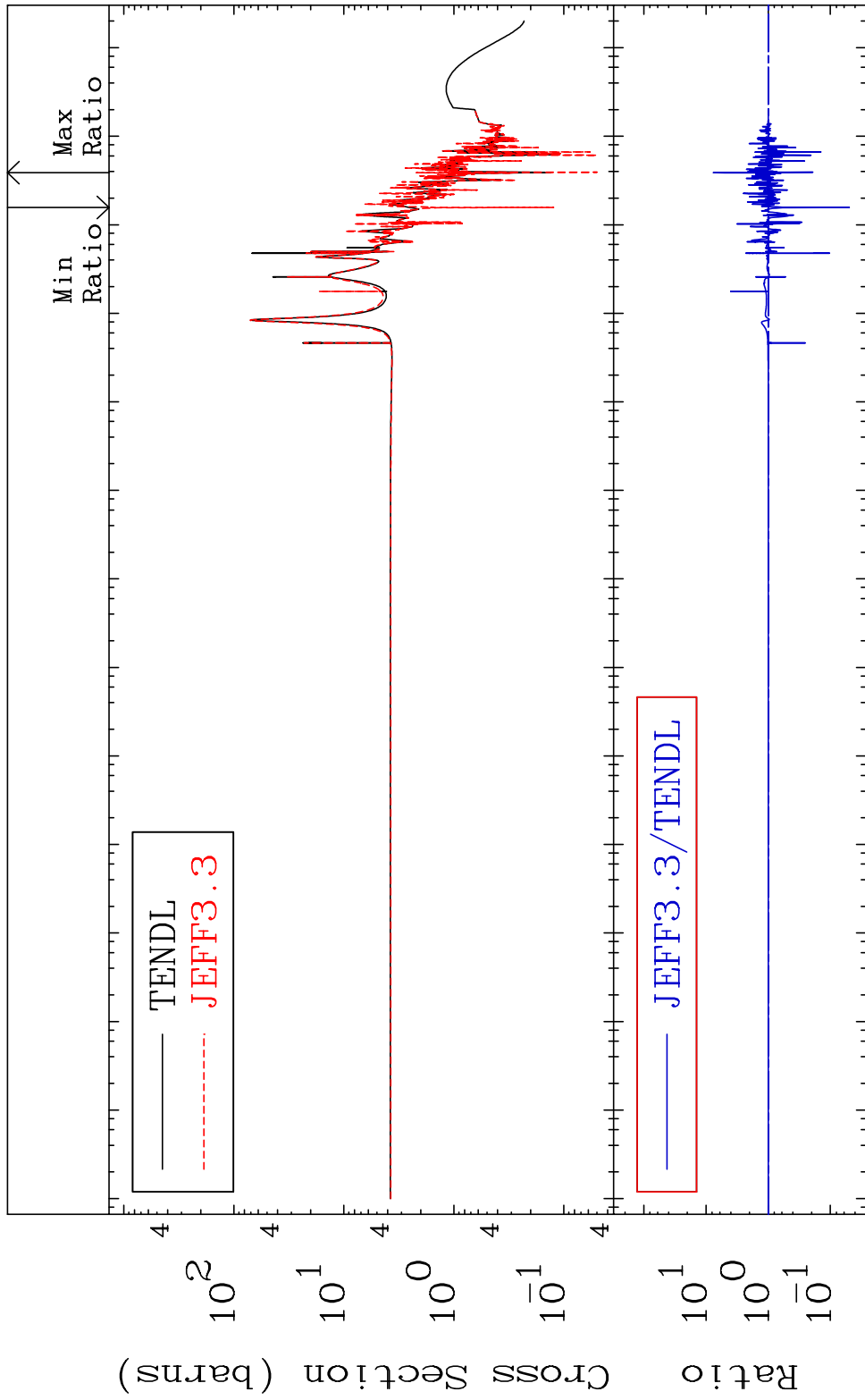
MAT 1225

Elastic

12-Mg-24

Cross Section

-95.03 To 666.3 %



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

2

Incident Energy (eV)

12-Mg-24

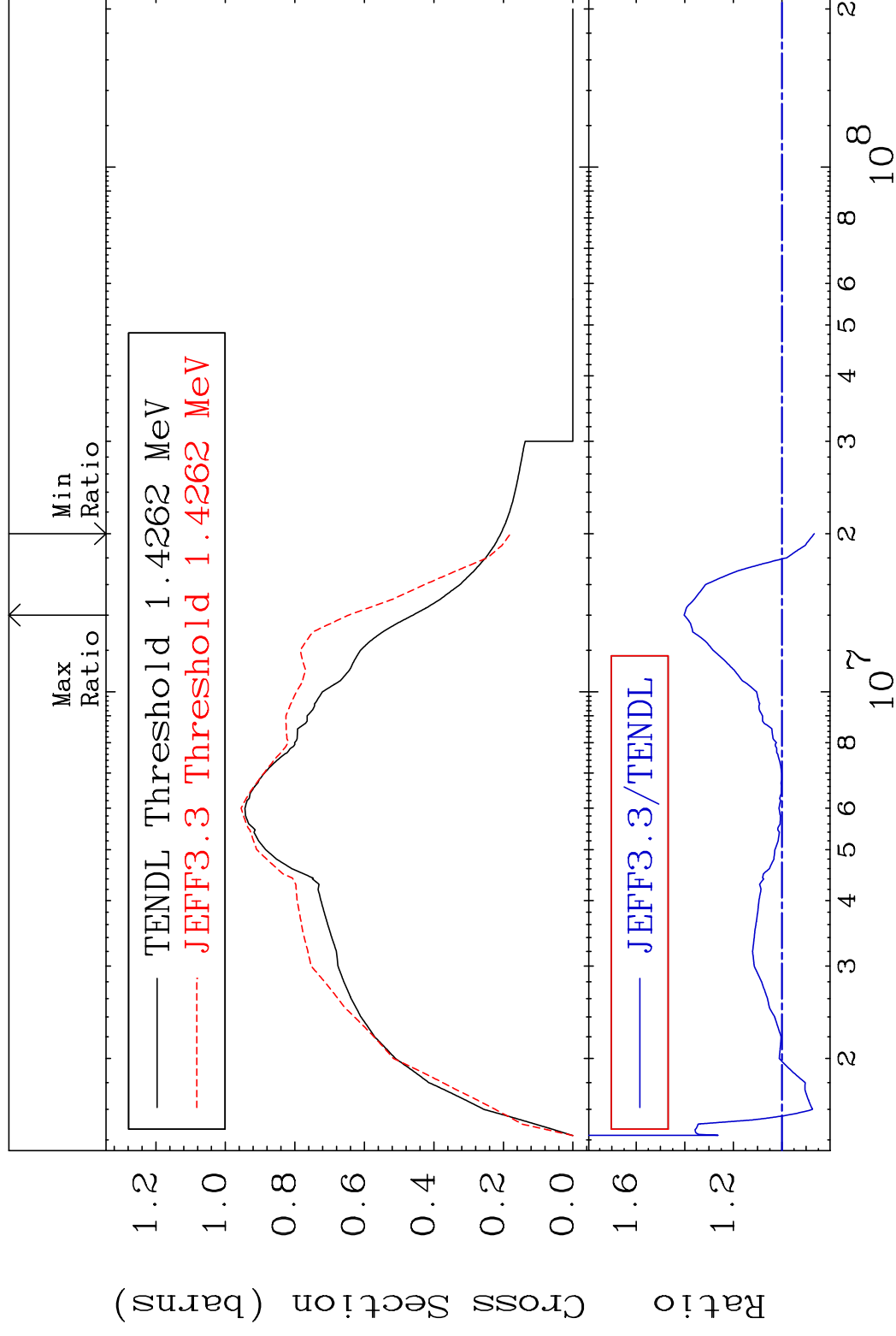
MAT 1225

Inelastic

12-Mg-24

Cross Section

-13.31 To 40.29 %



3

Incident Energy (eV)

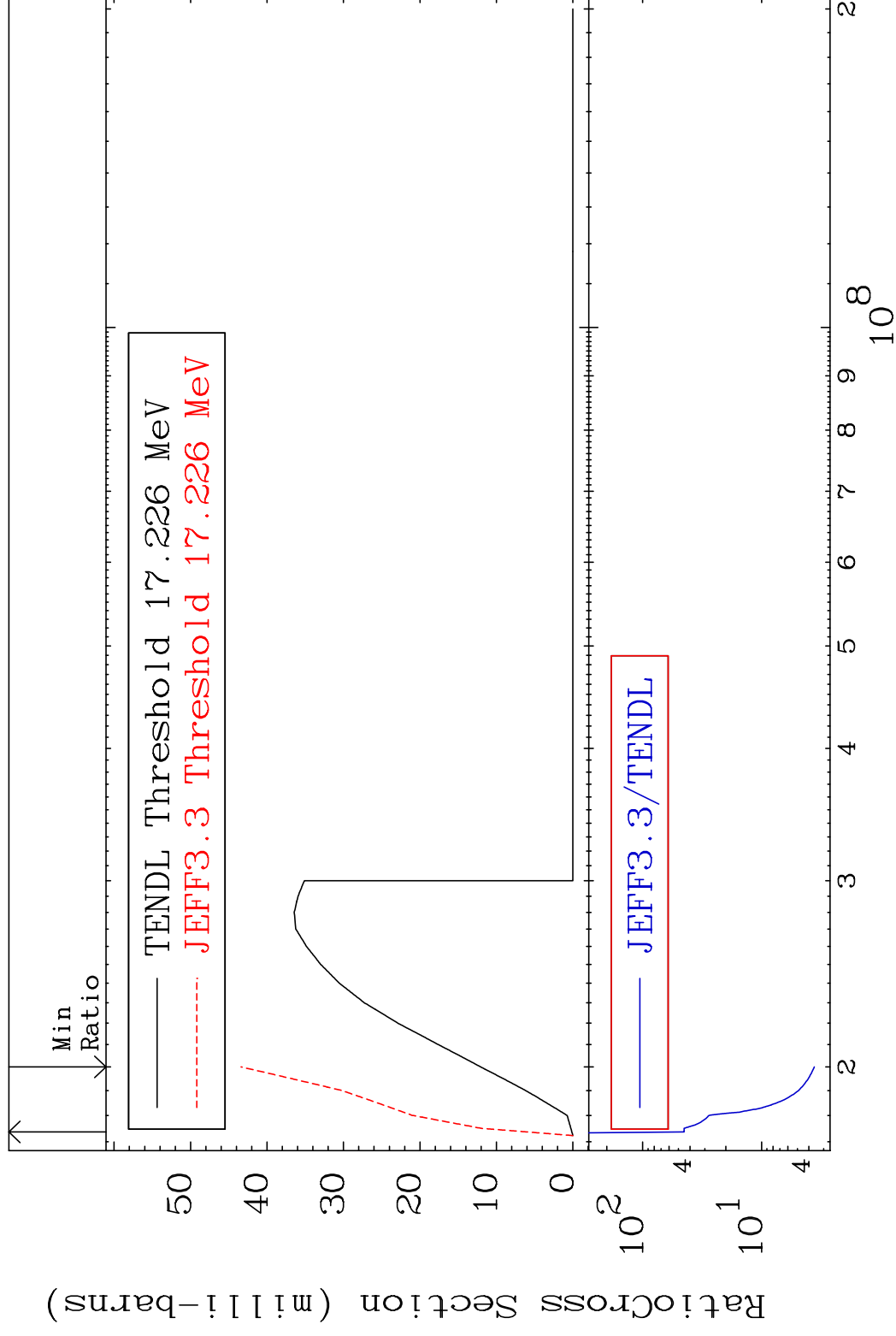
12-Mg-24

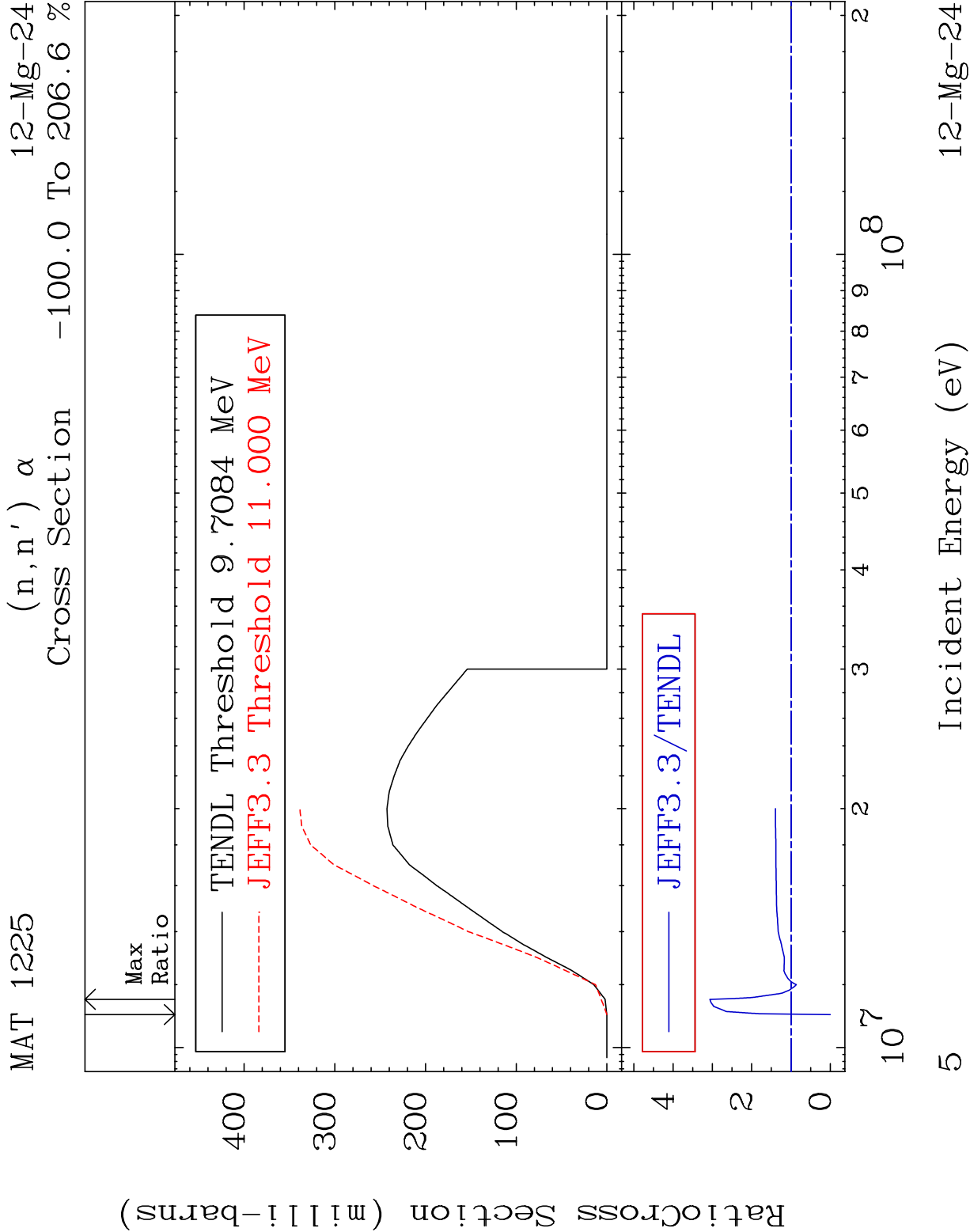
MAT 1225

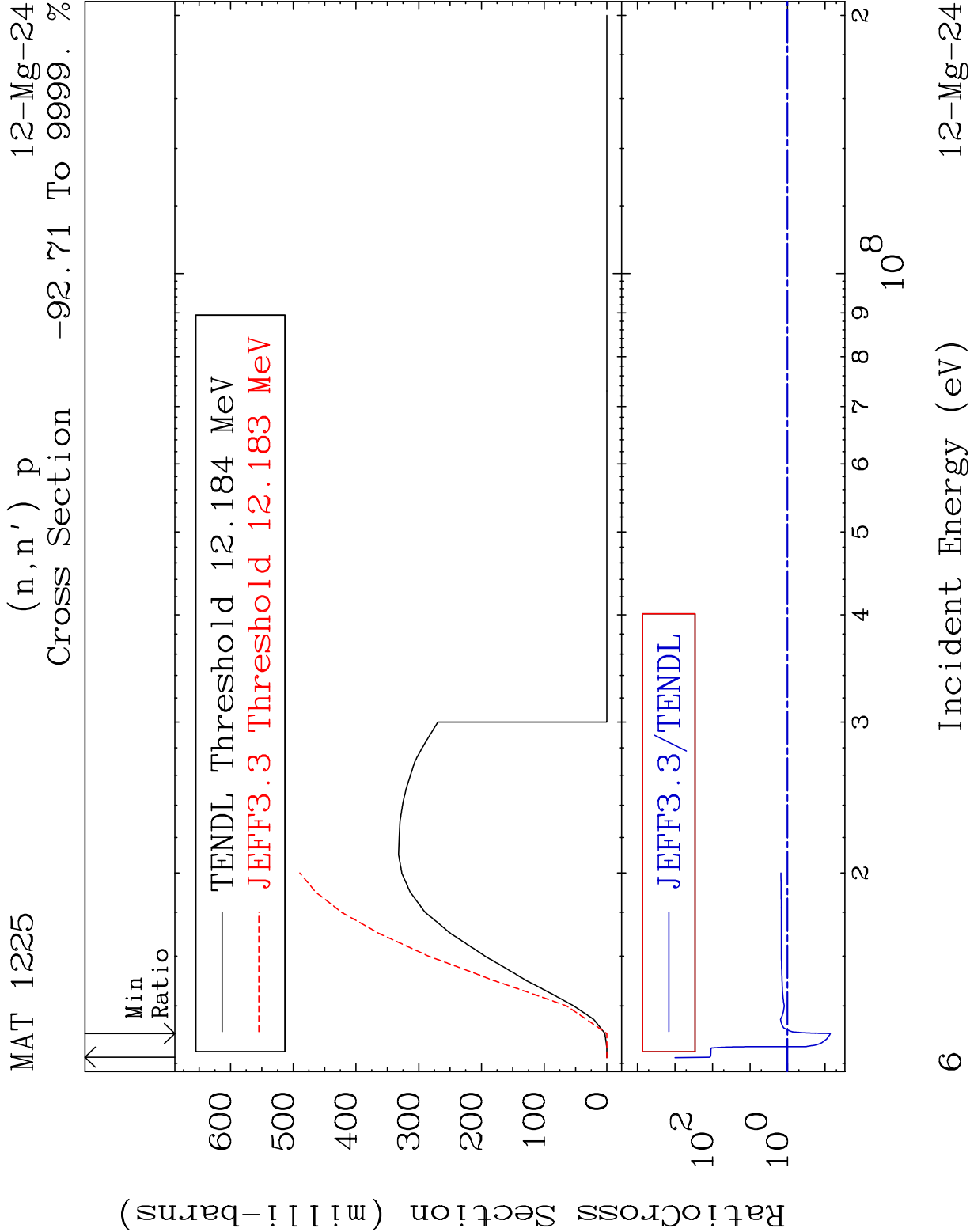
$$(n, 2n)$$

12-Mg-24

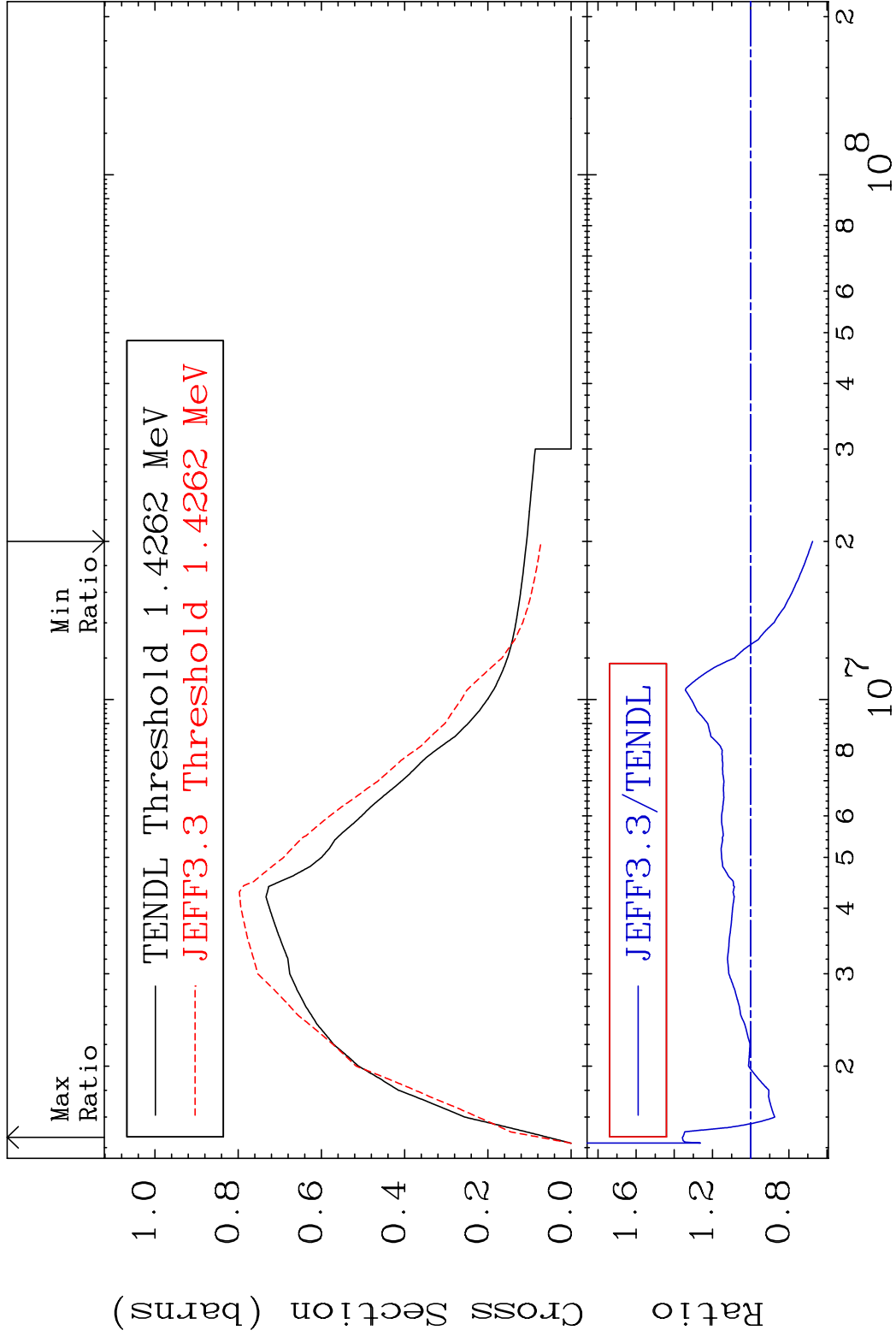
Cross Section 260.2 To 4382. %



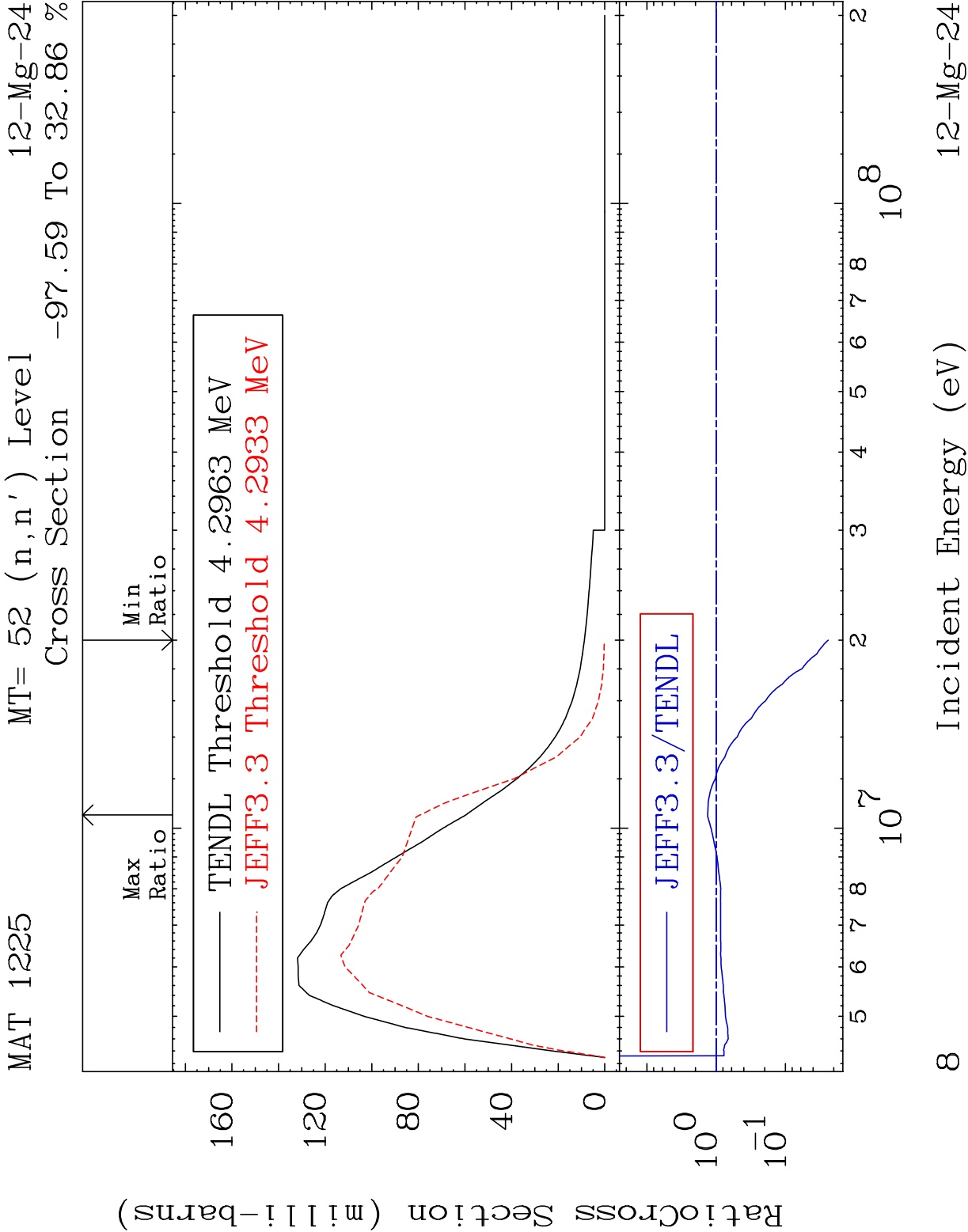


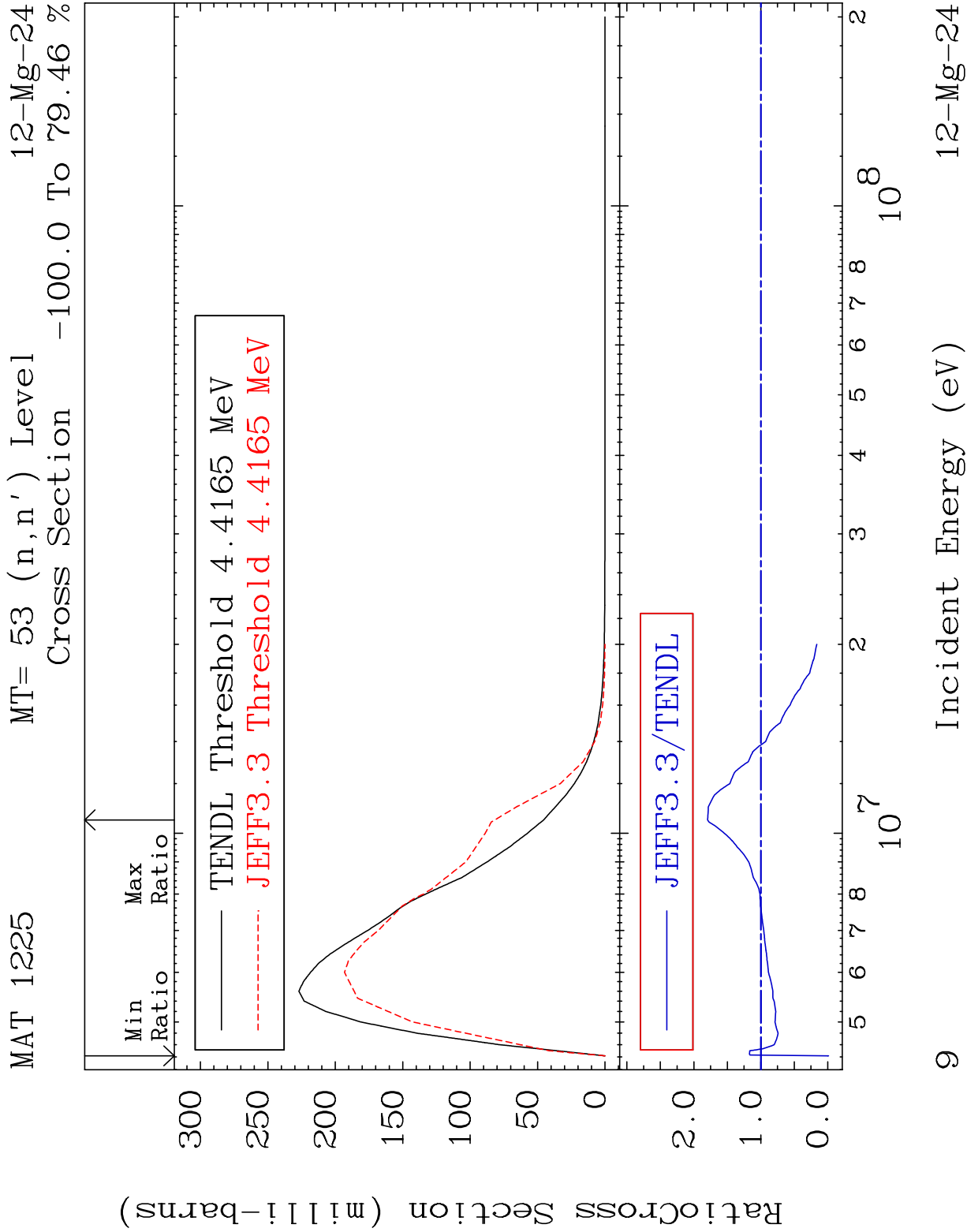


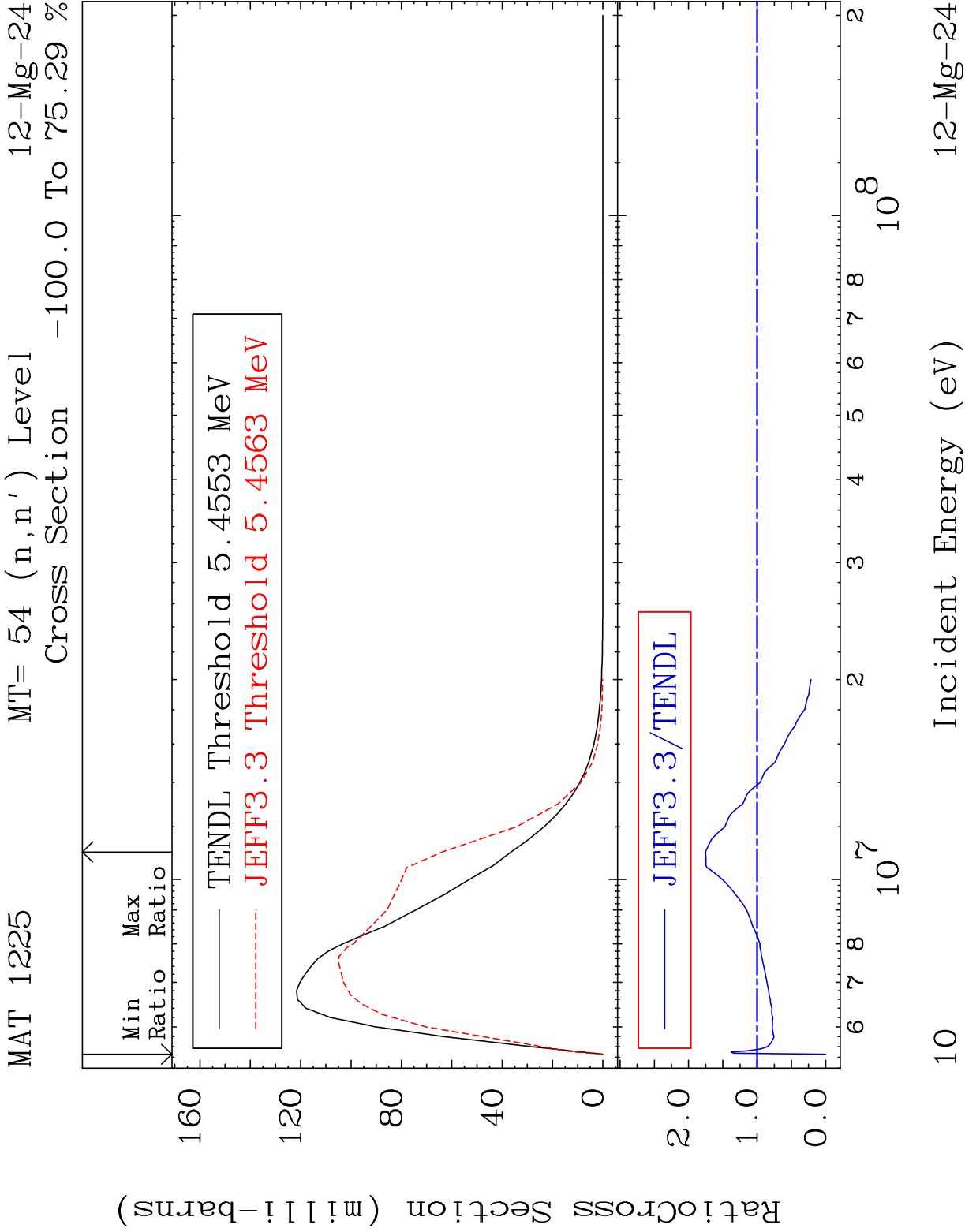
MAT 1225 MT= 51 (n,n') Level 12-Mg-24
Cross Section -32.45 To 35.78 %



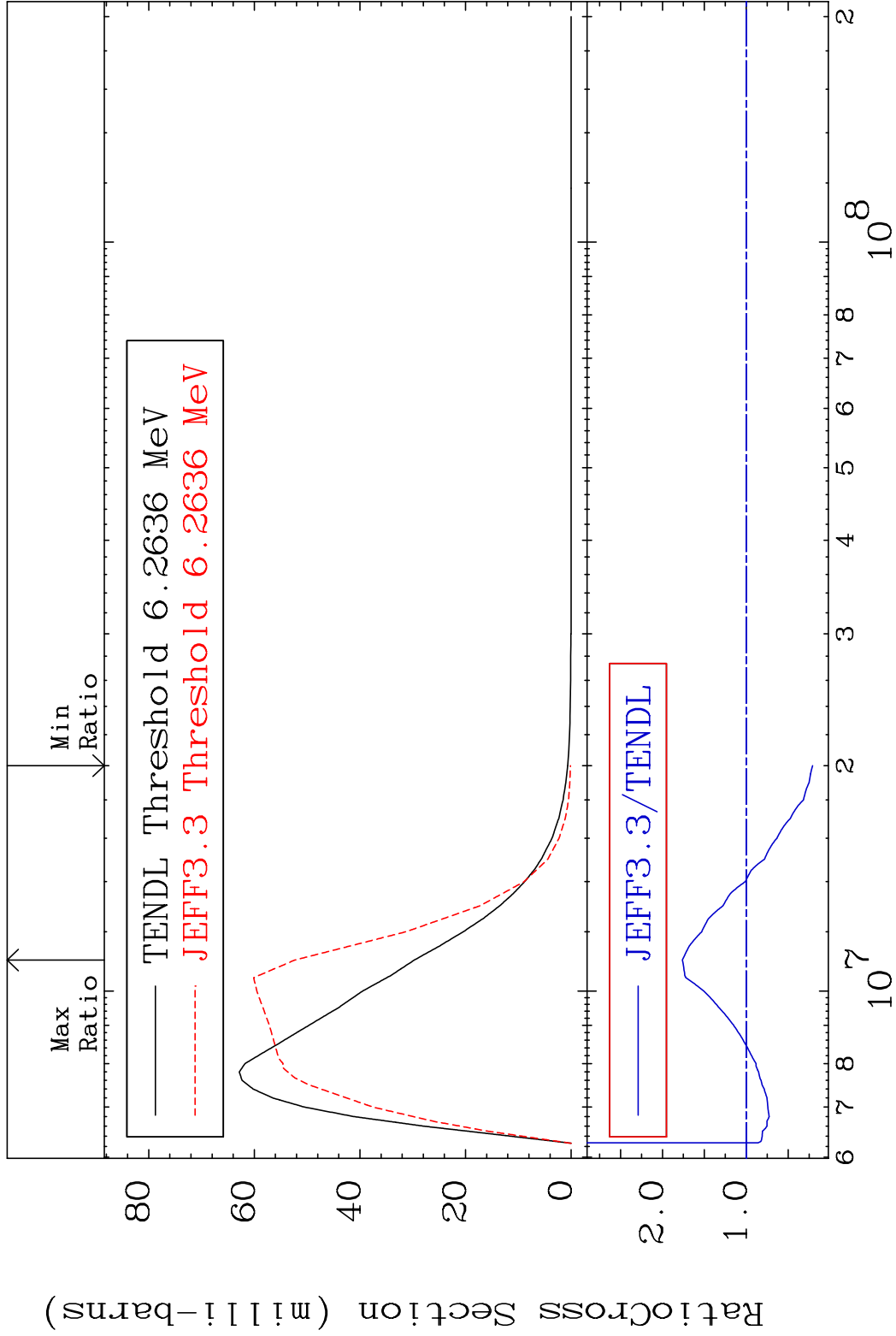
7 Incident Energy (eV) 12-Mg-24



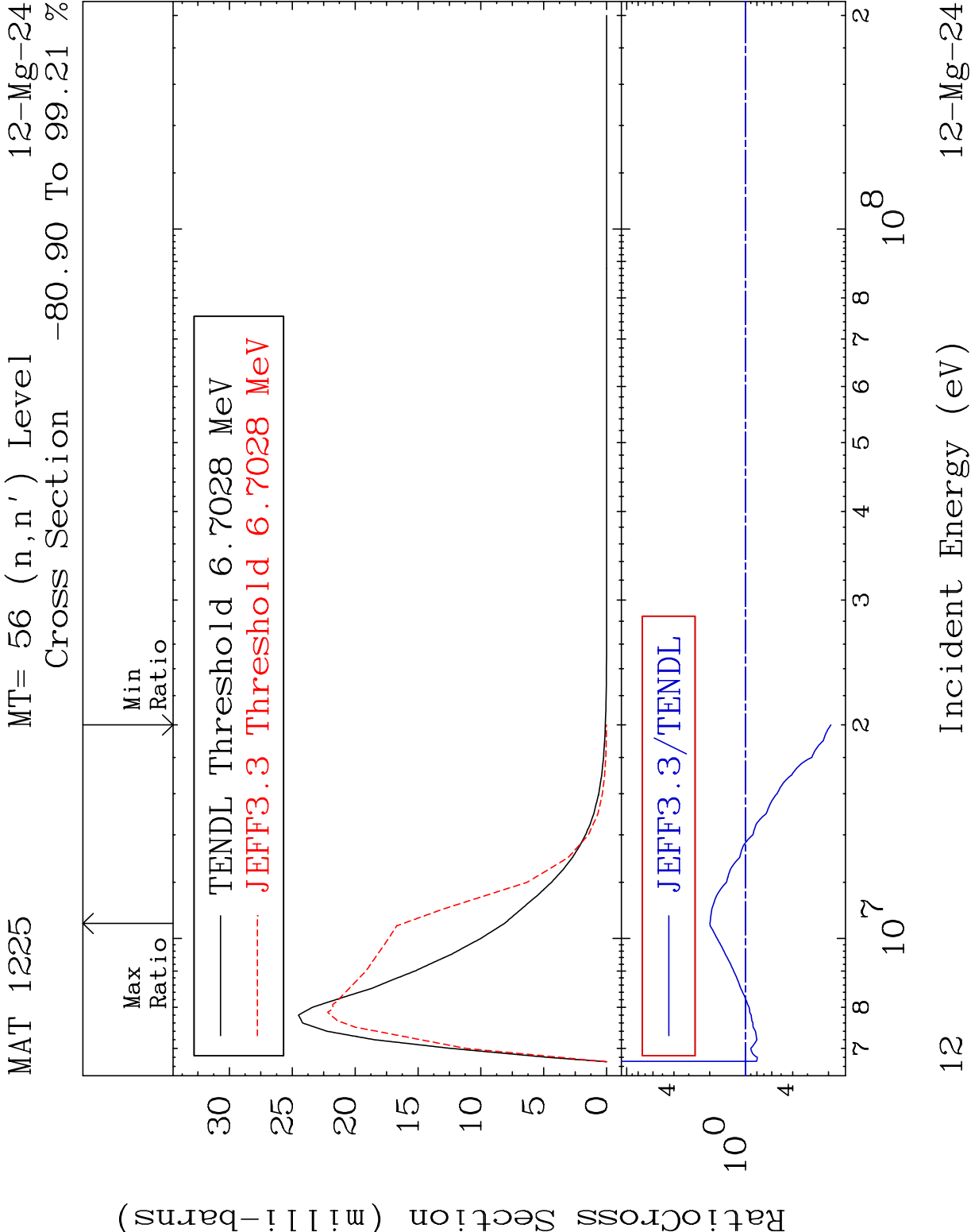




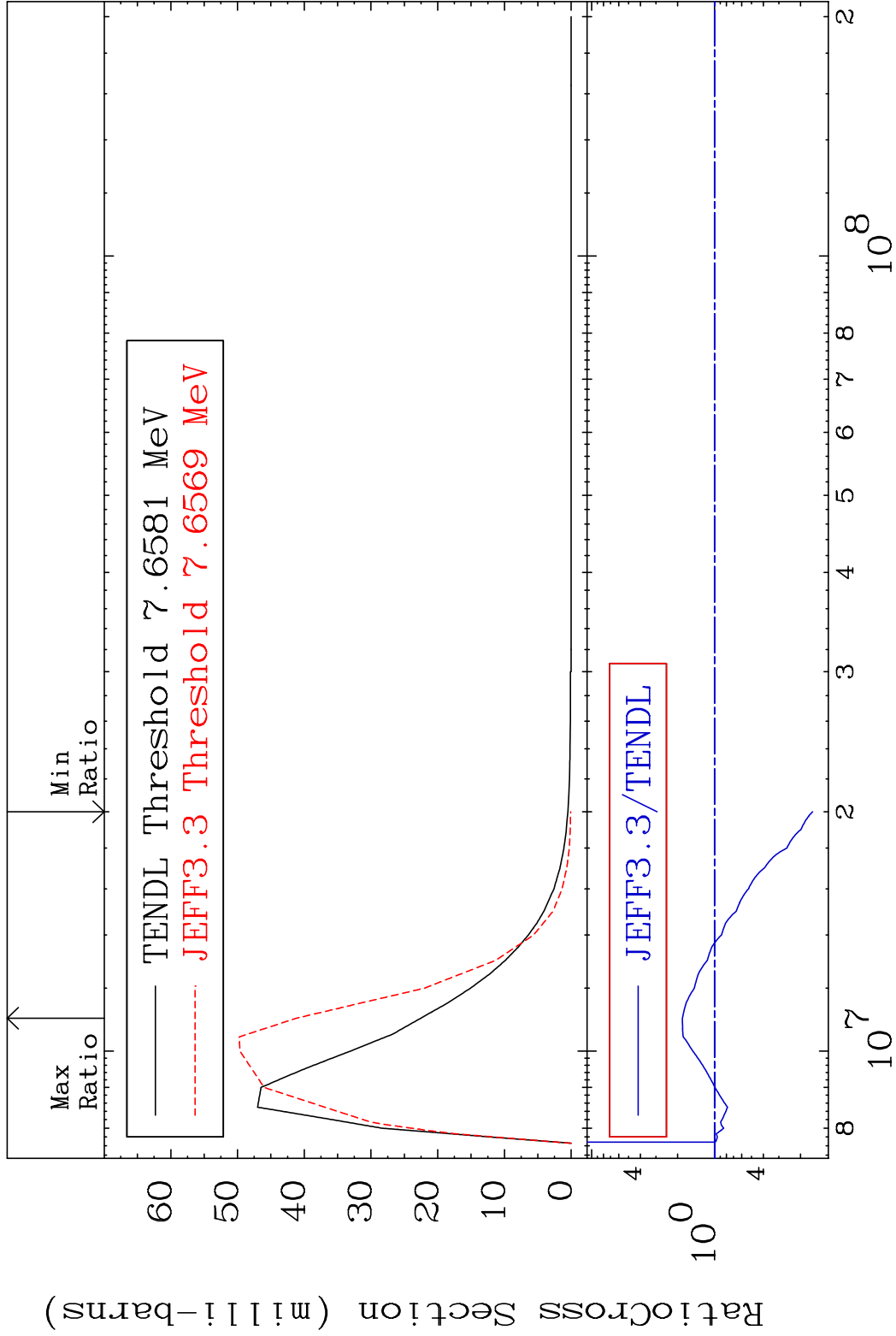
MAT 1225 MT= 55 (n,n') Level 12-Mg-24
Cross Section -79.12 To 76.26 %

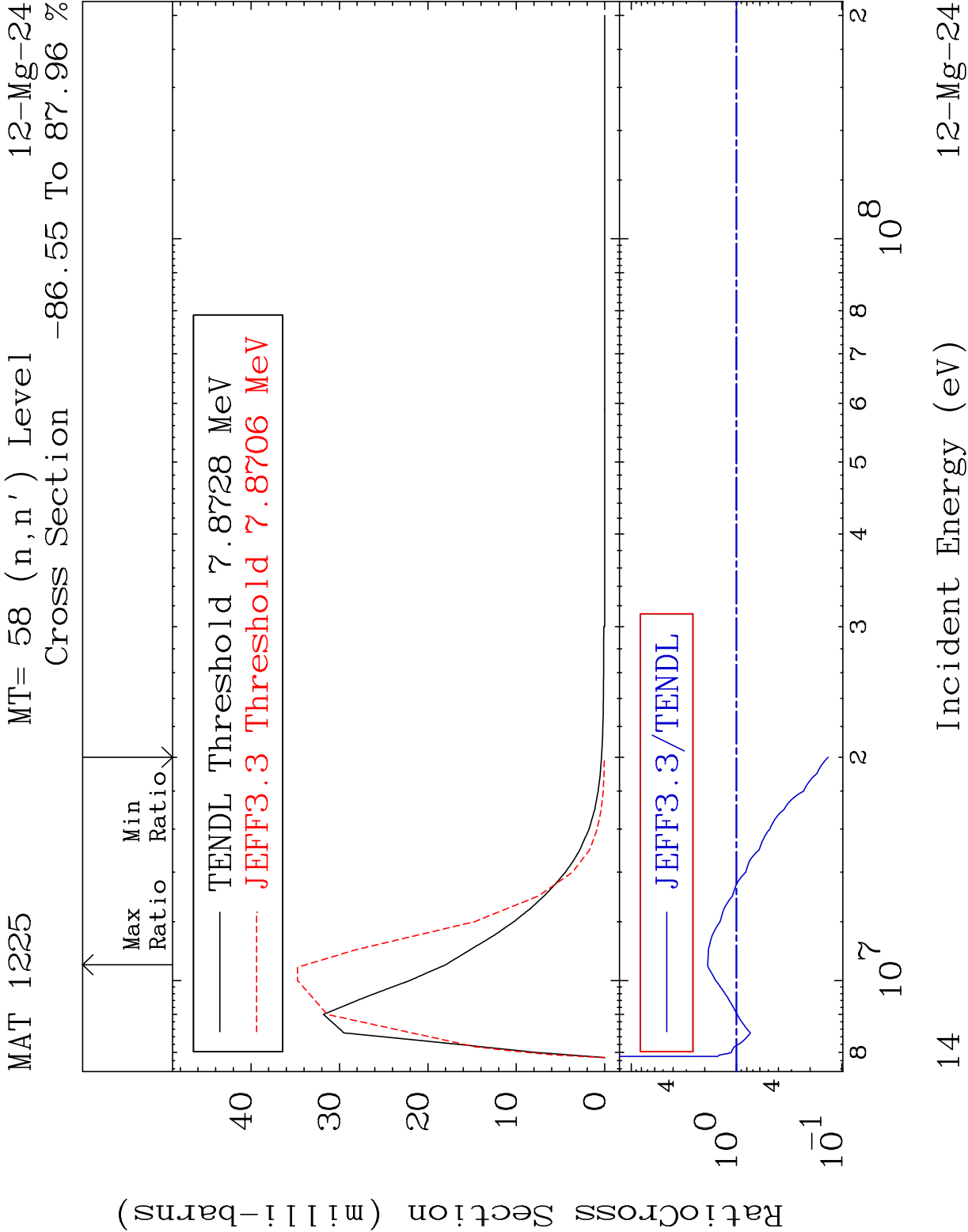


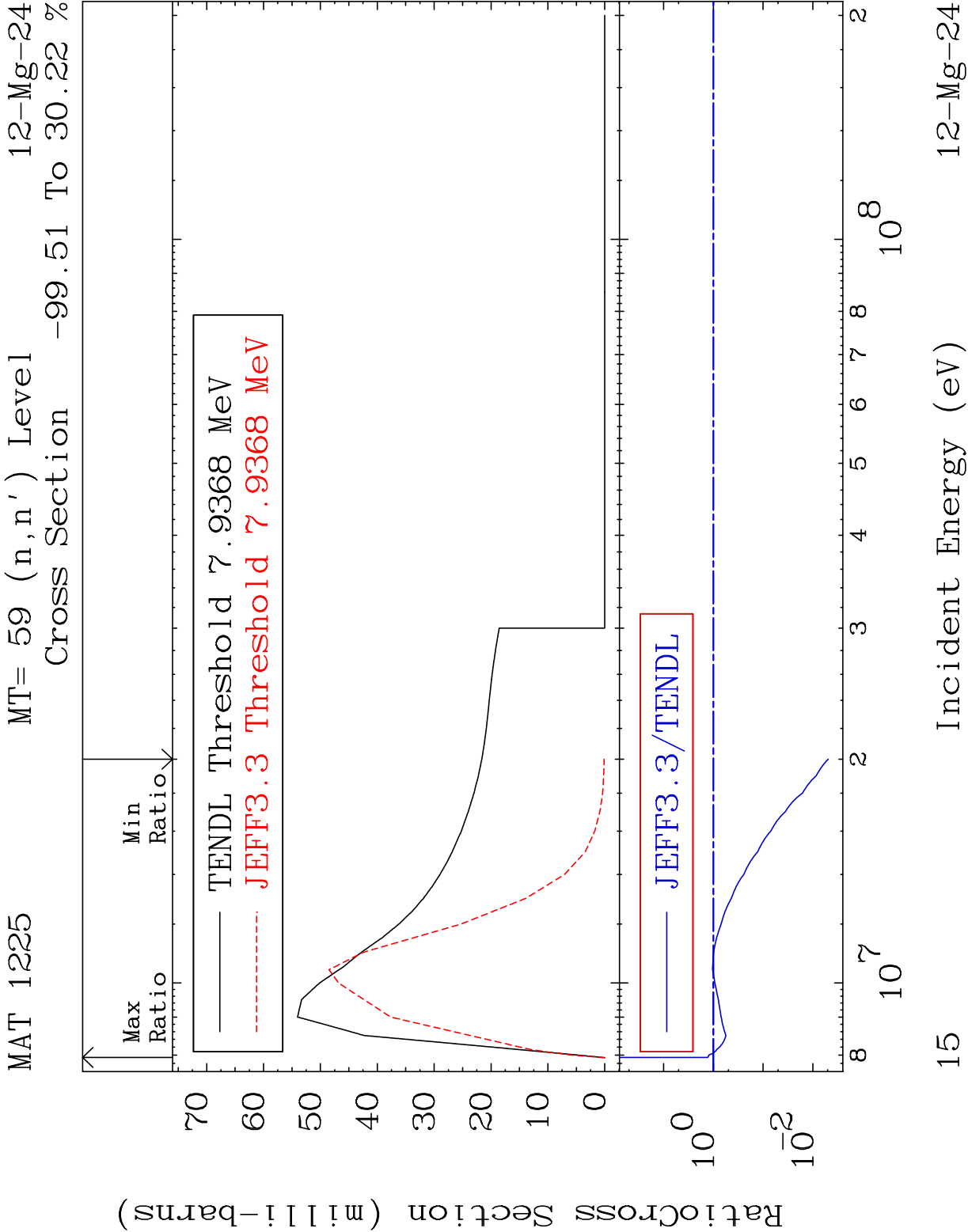
11 Incident Energy (eV) 12-Mg-24

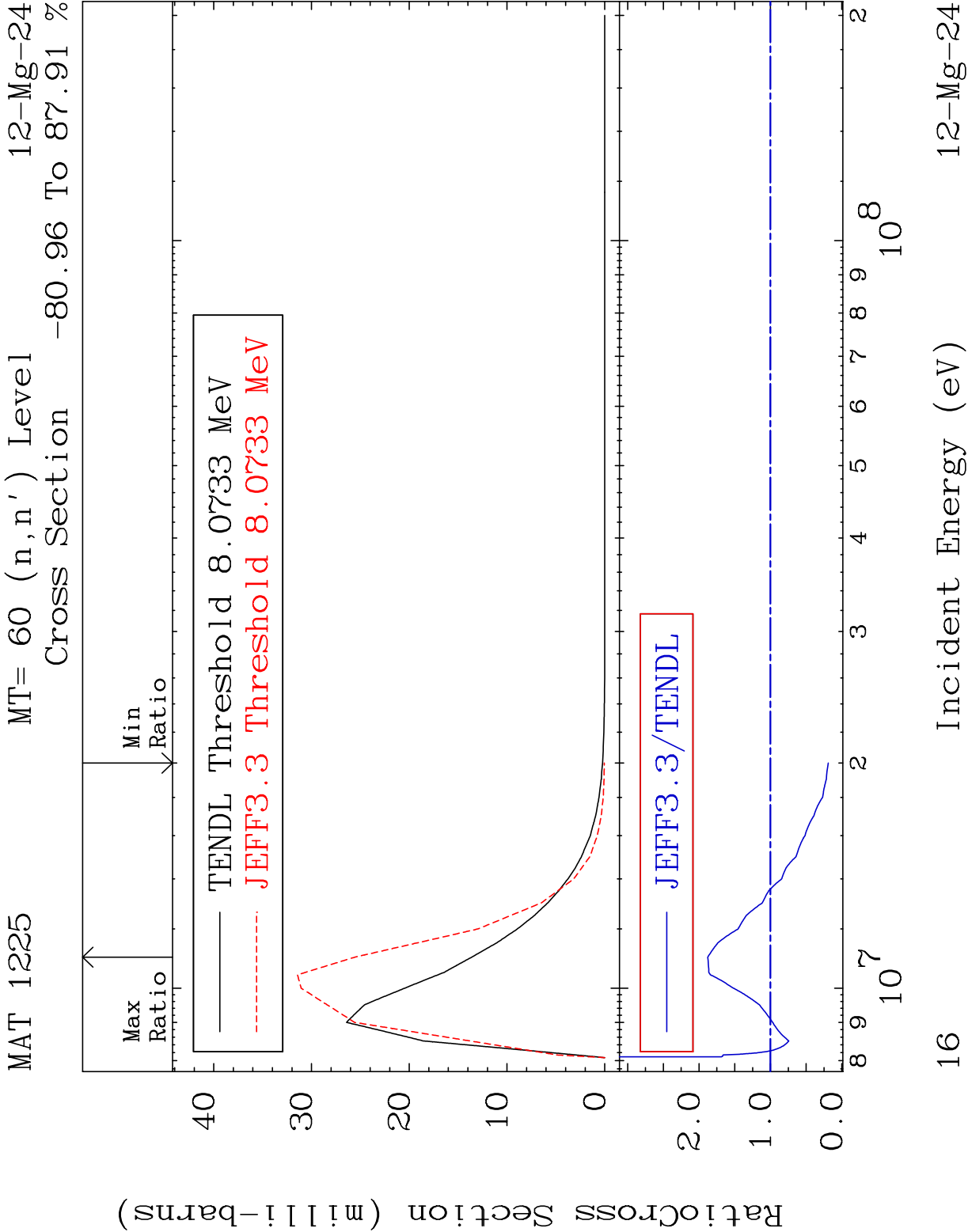


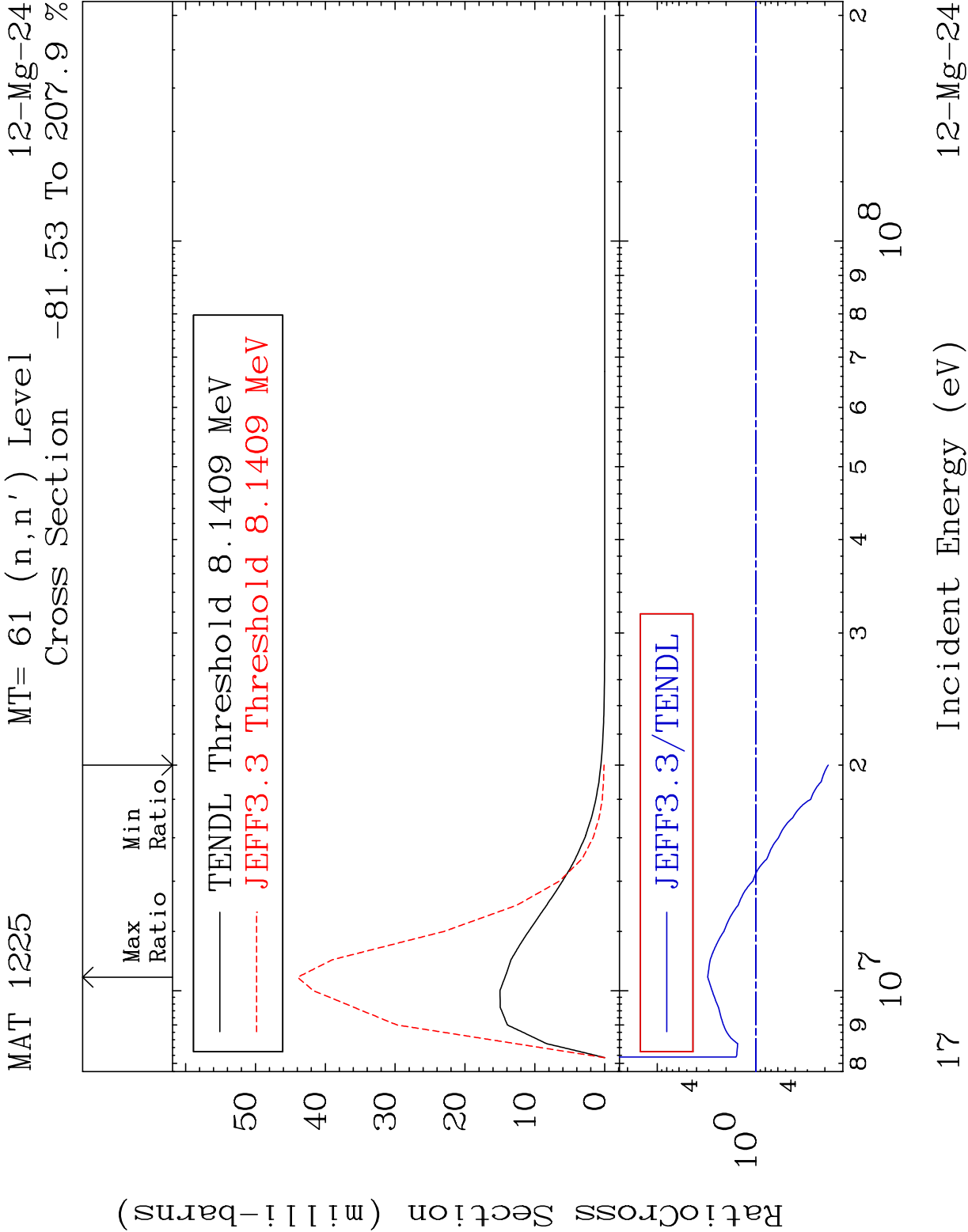
MAT 1225 MT= 57 (n,n') Level 12-Mg-24
Cross Section -84.06 To 82.70 %

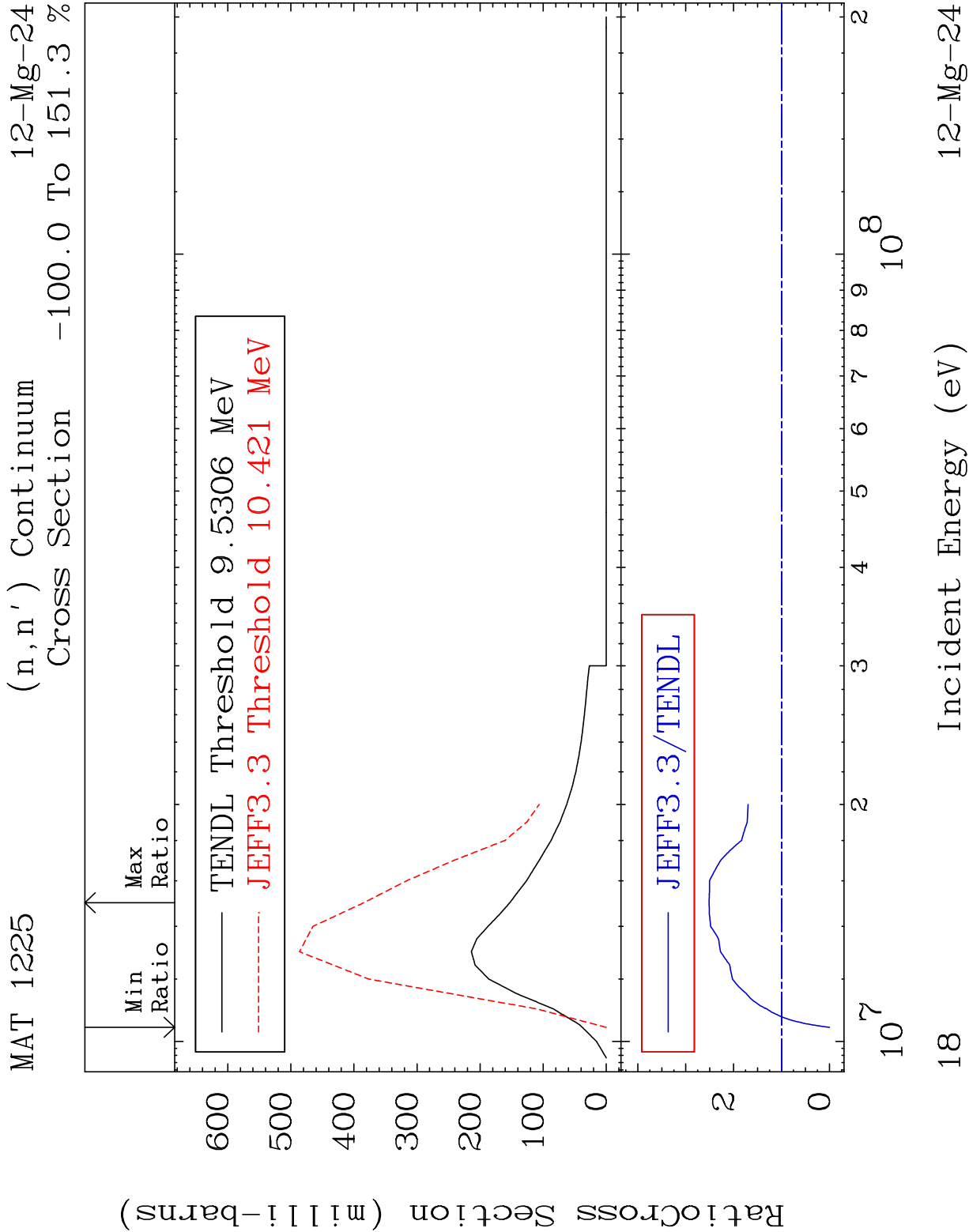


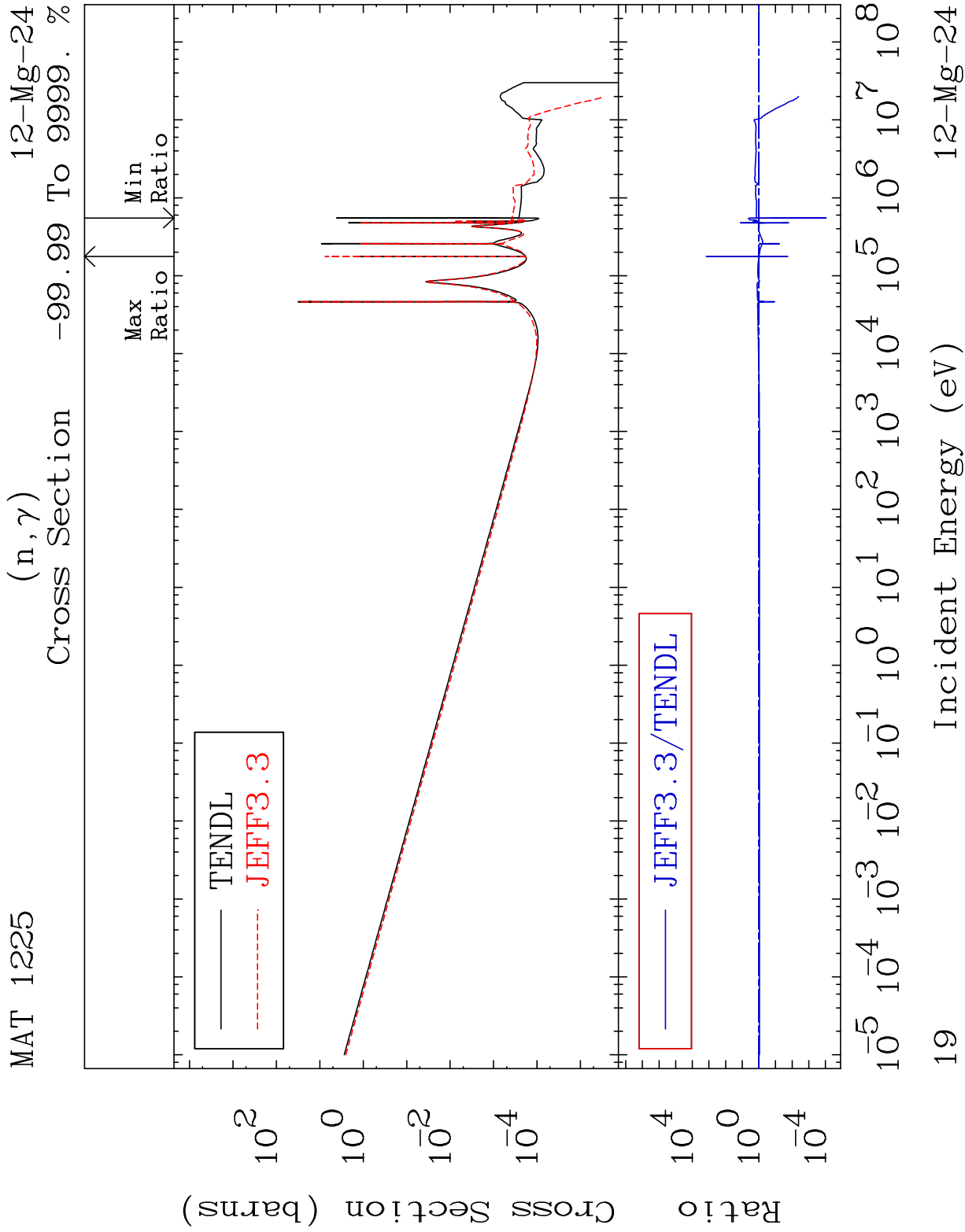


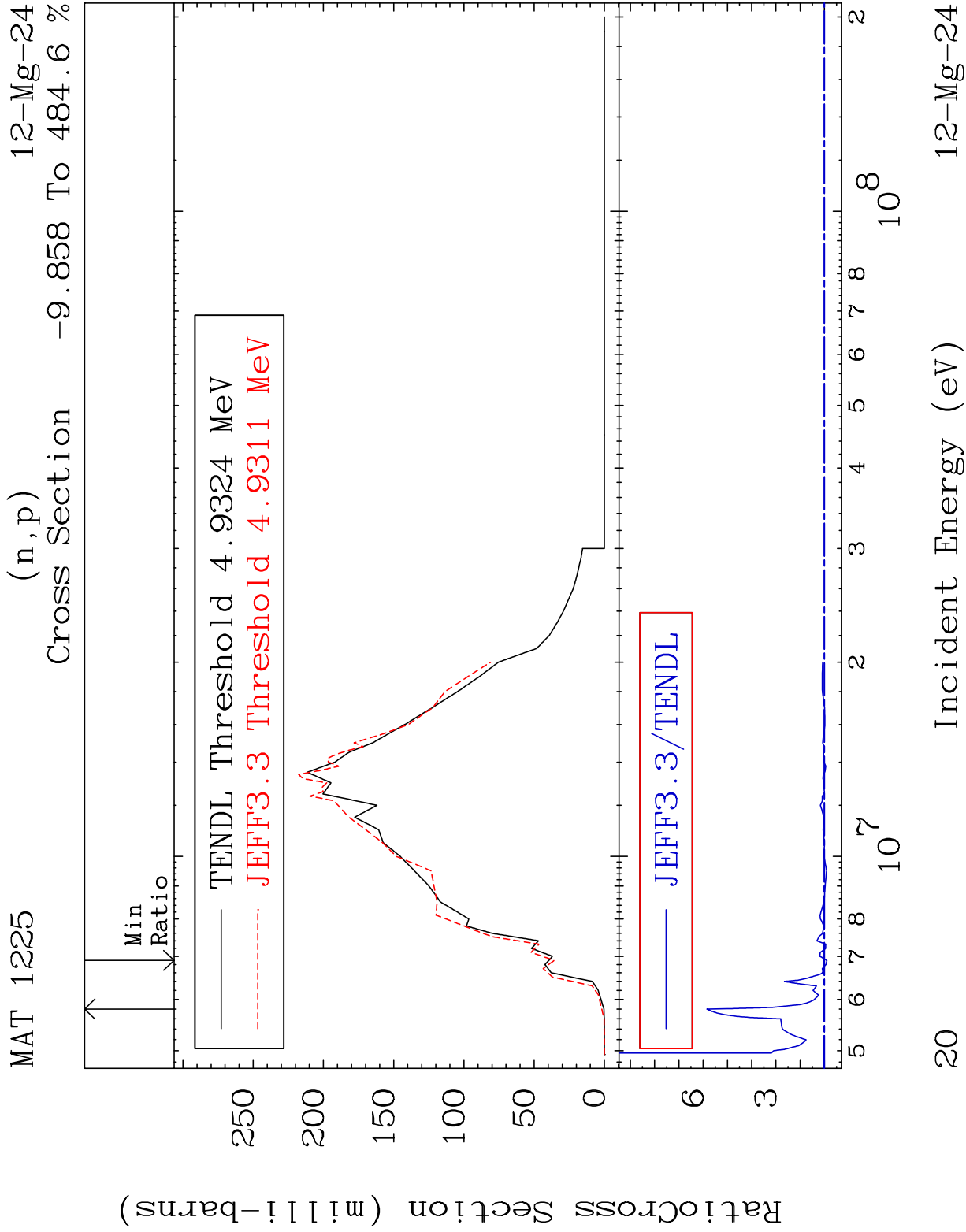


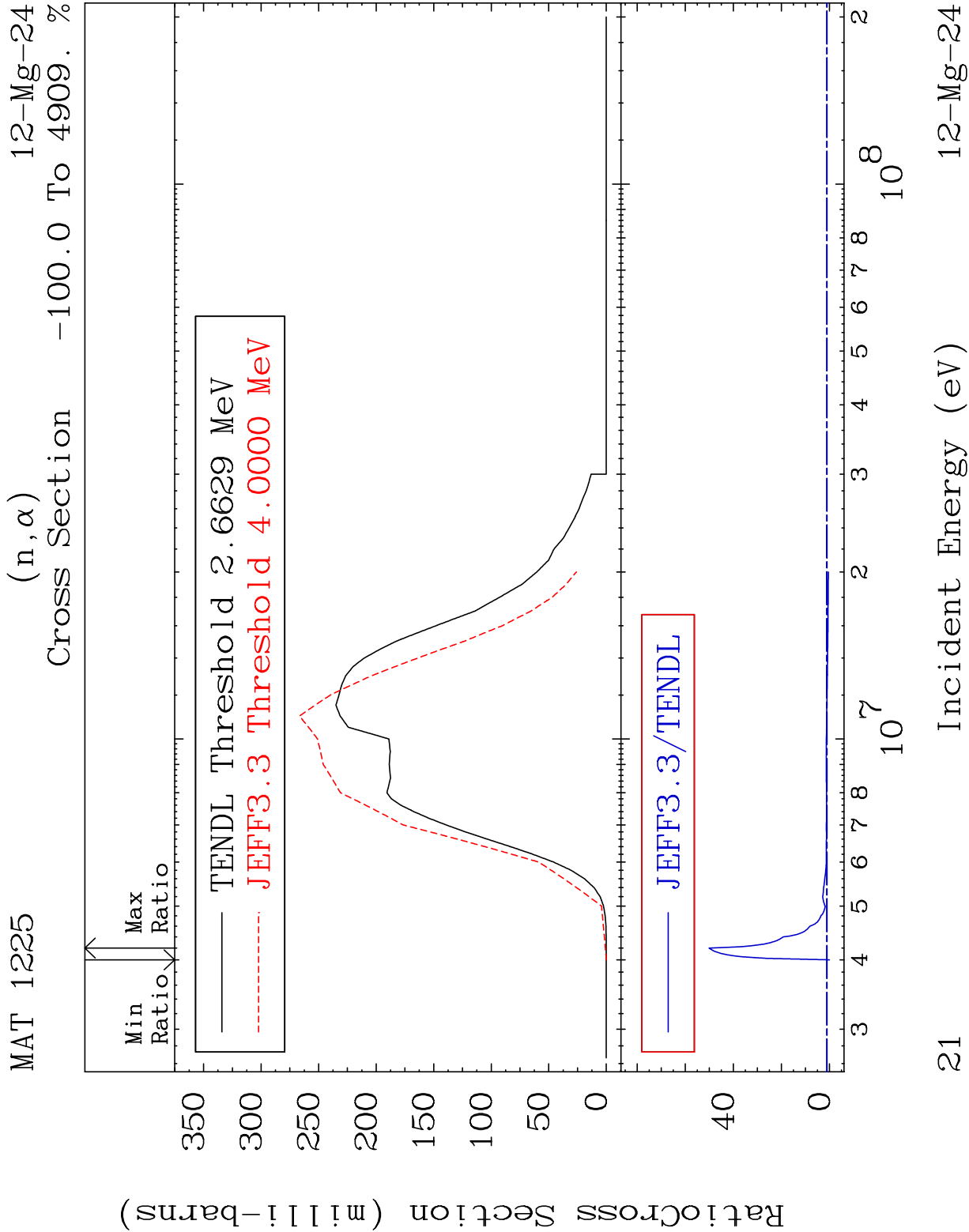


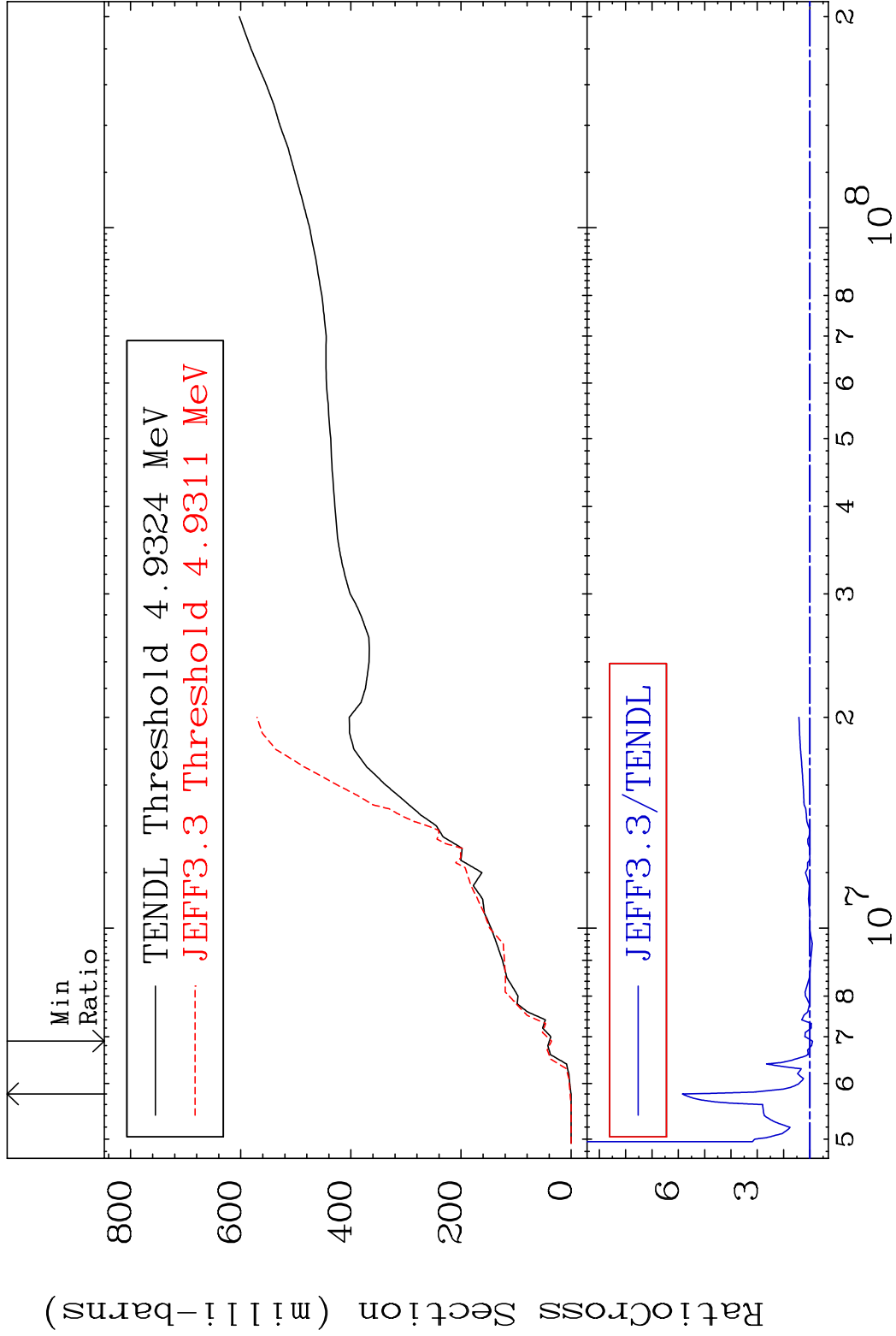


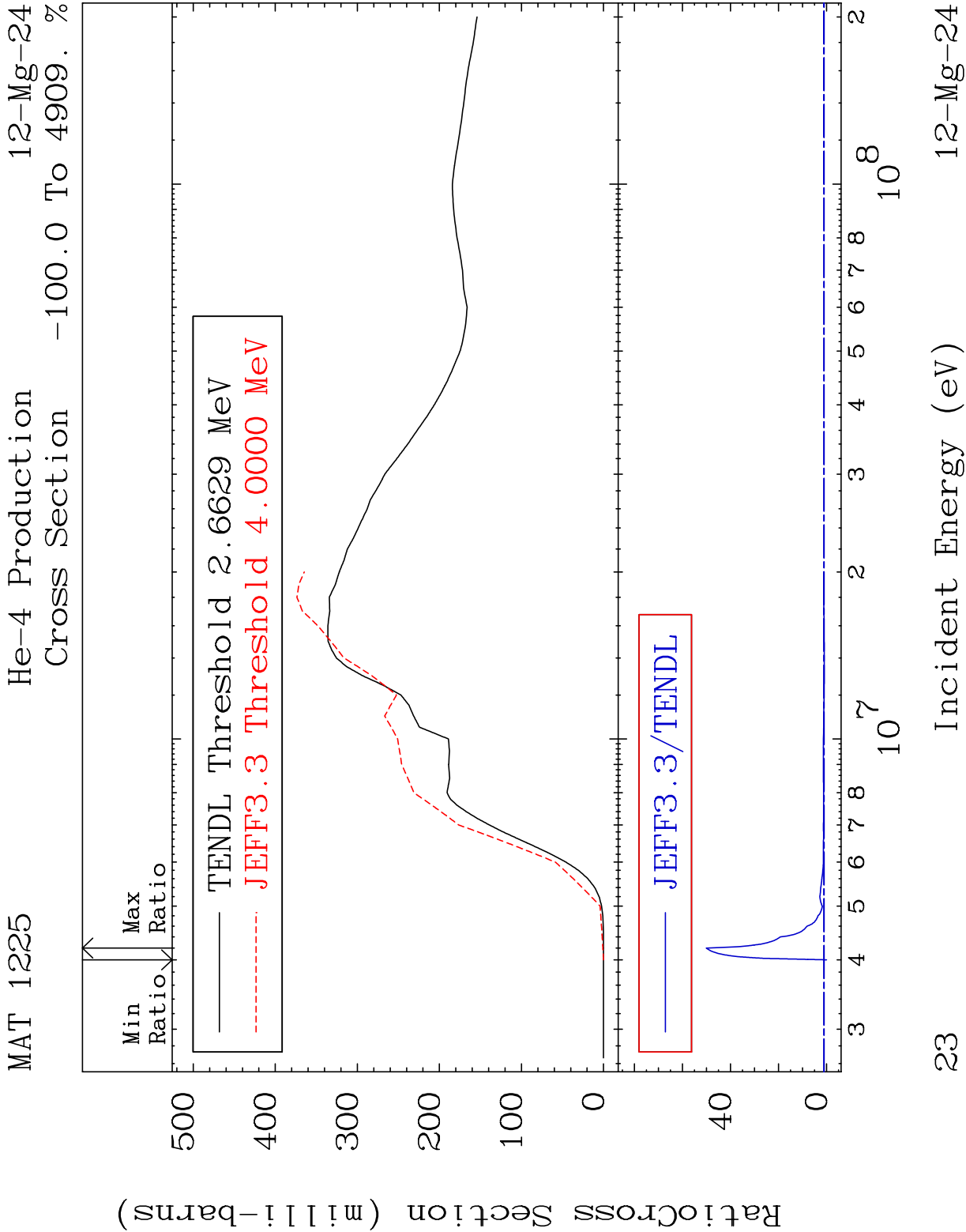


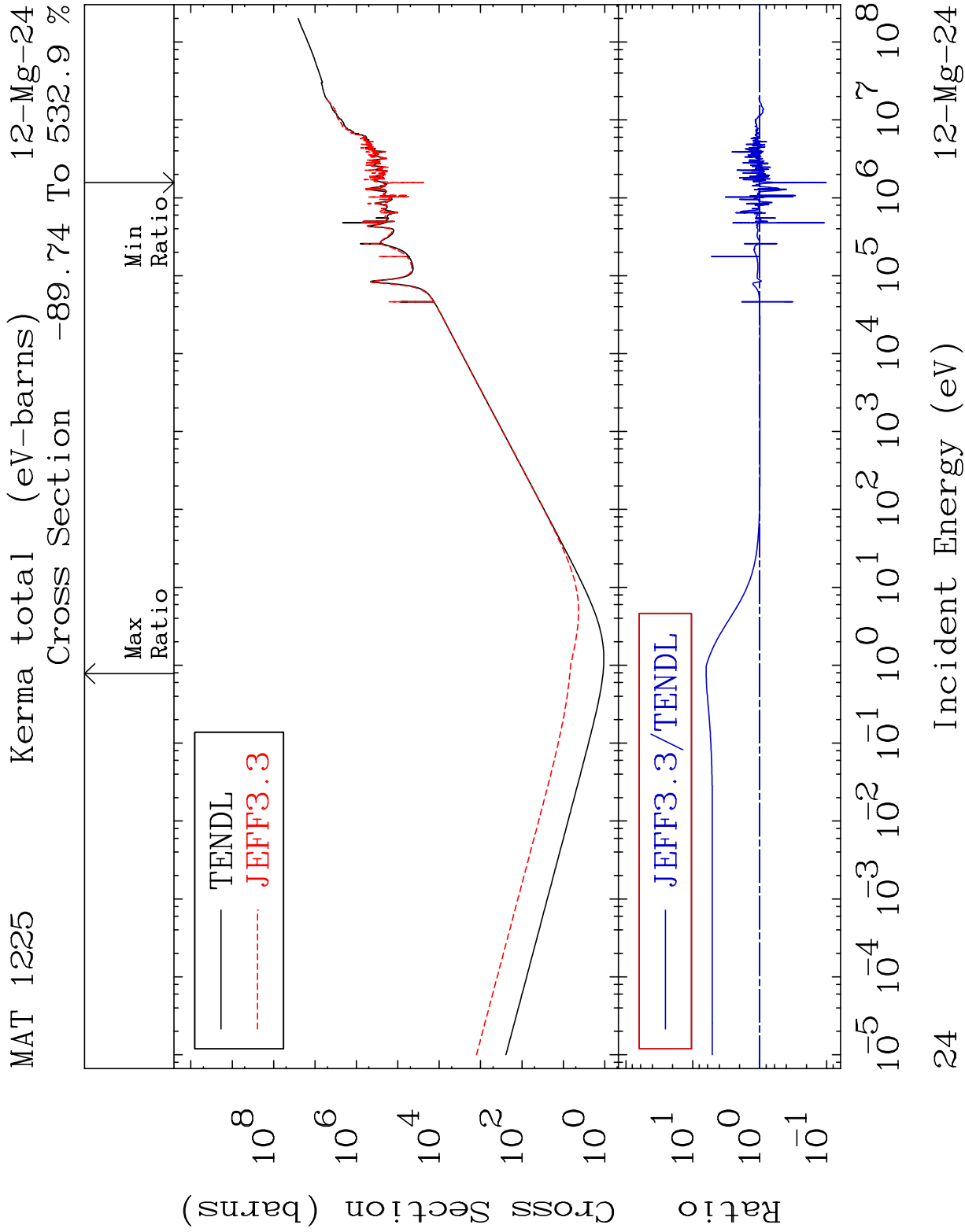


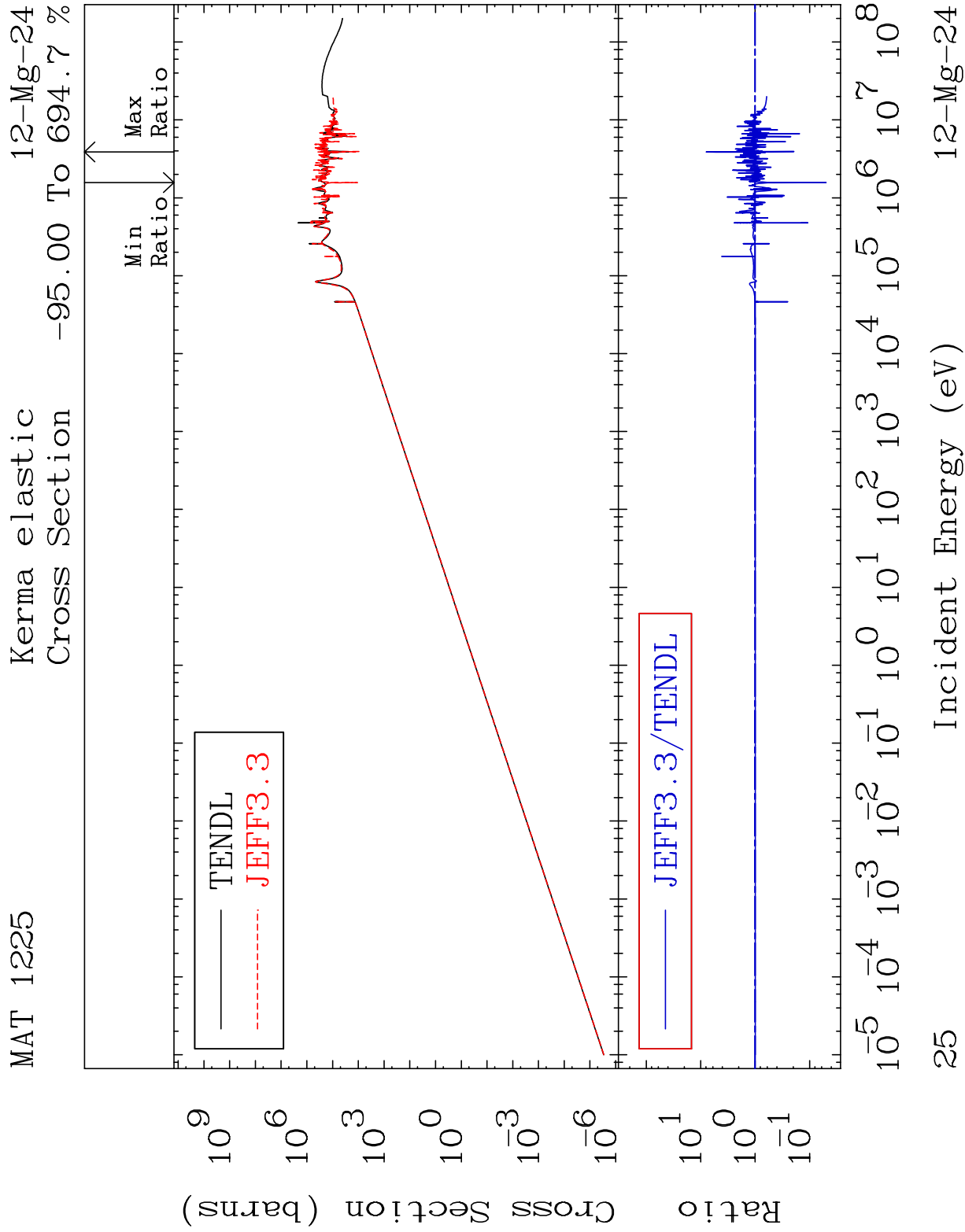


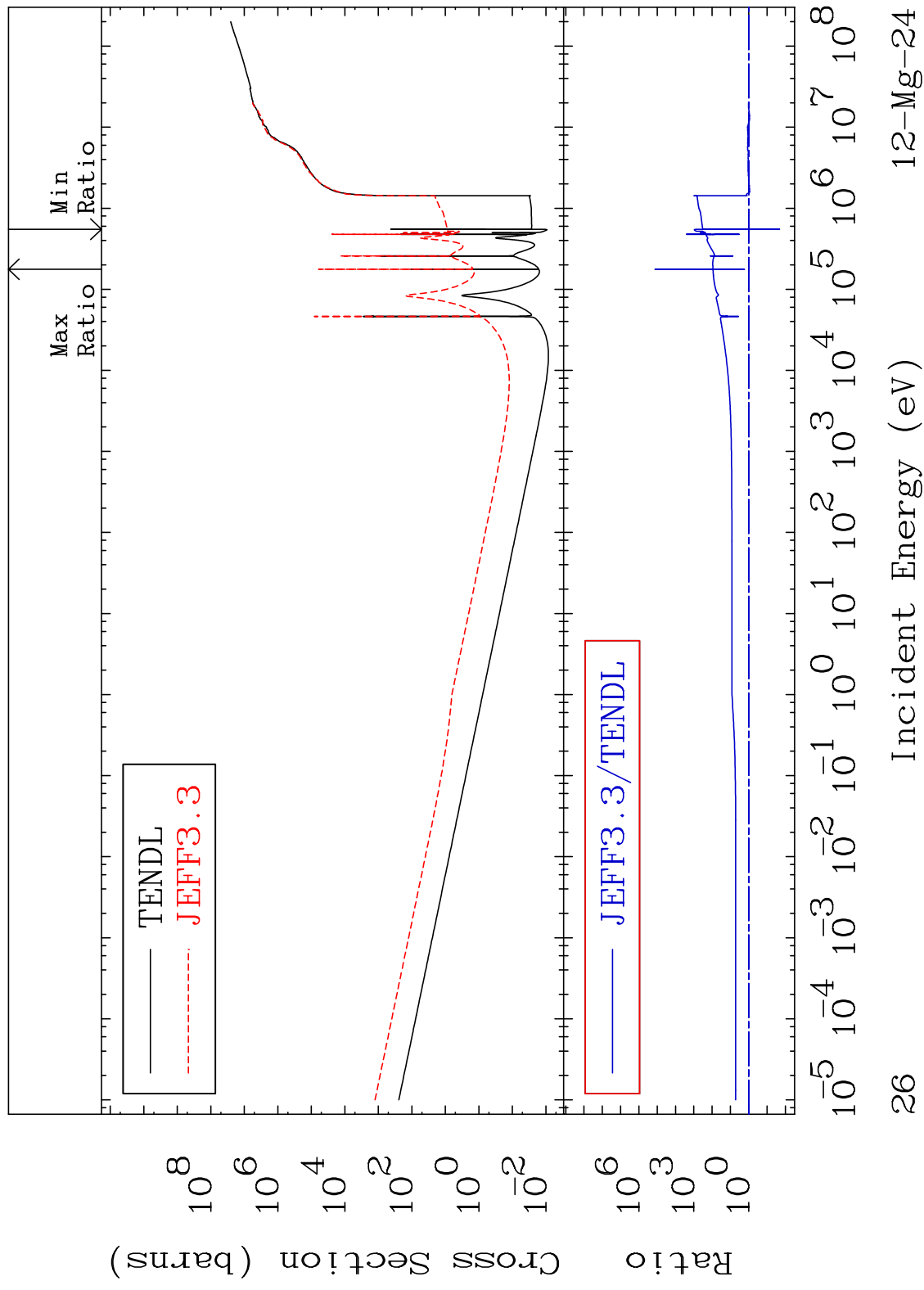


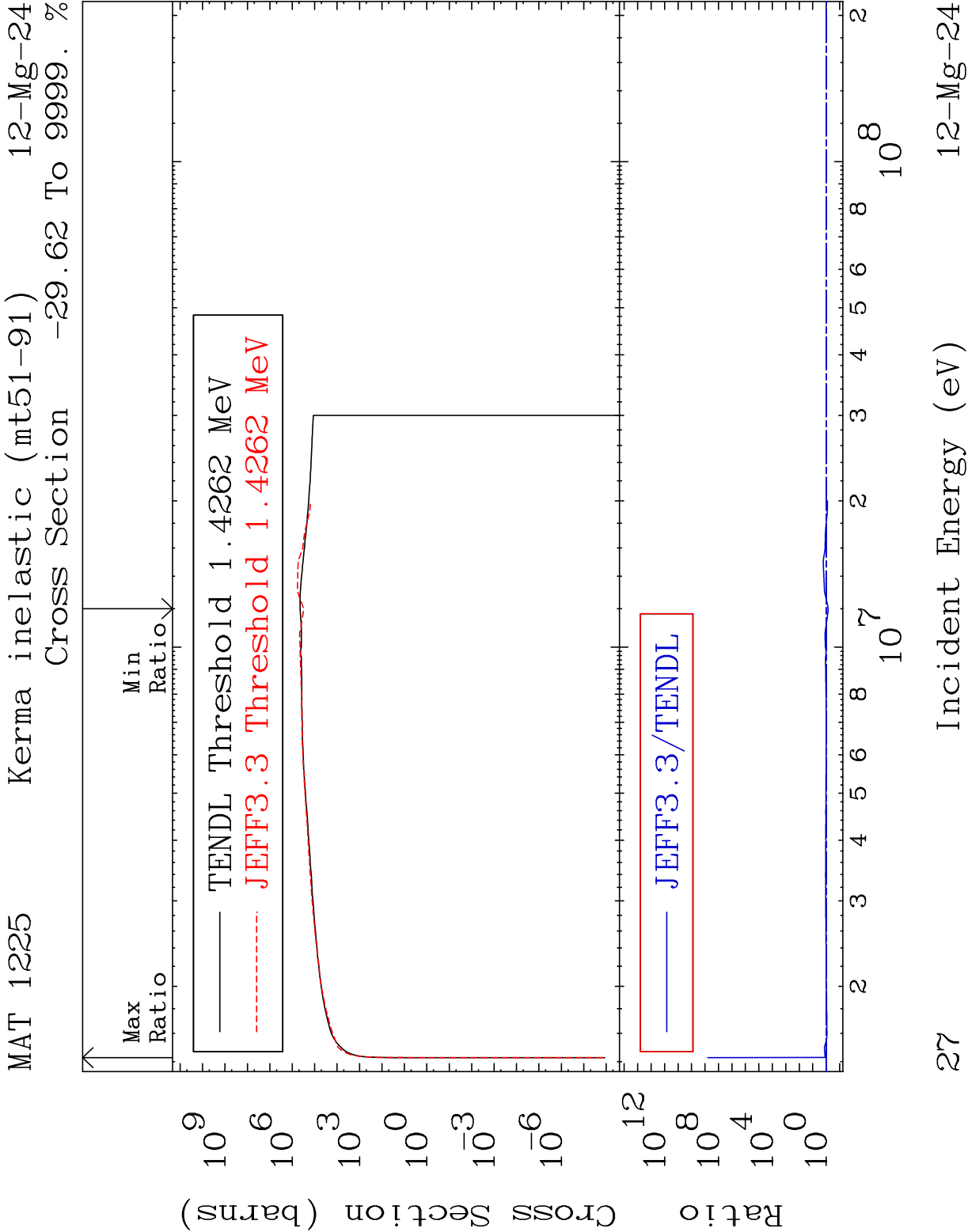




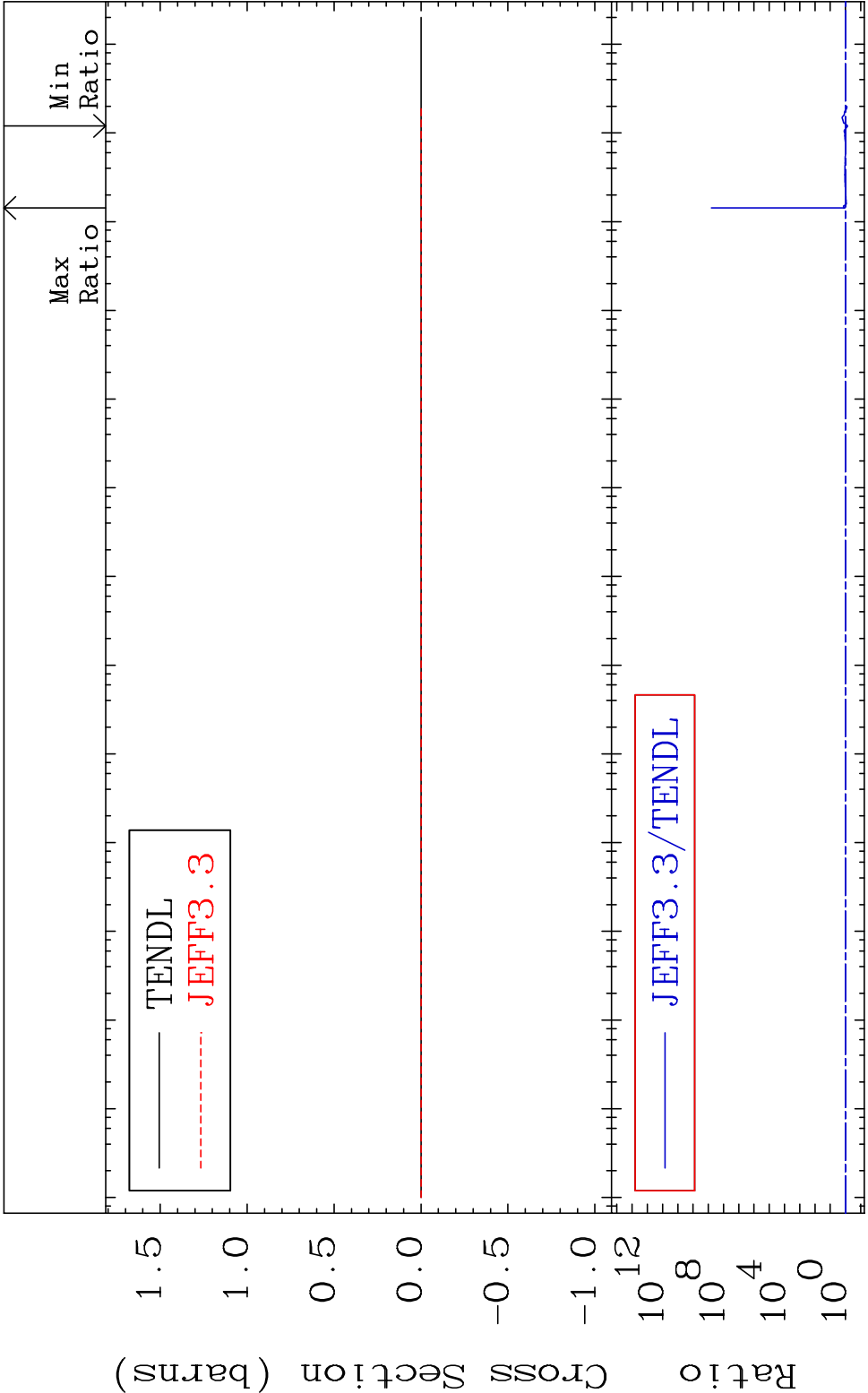


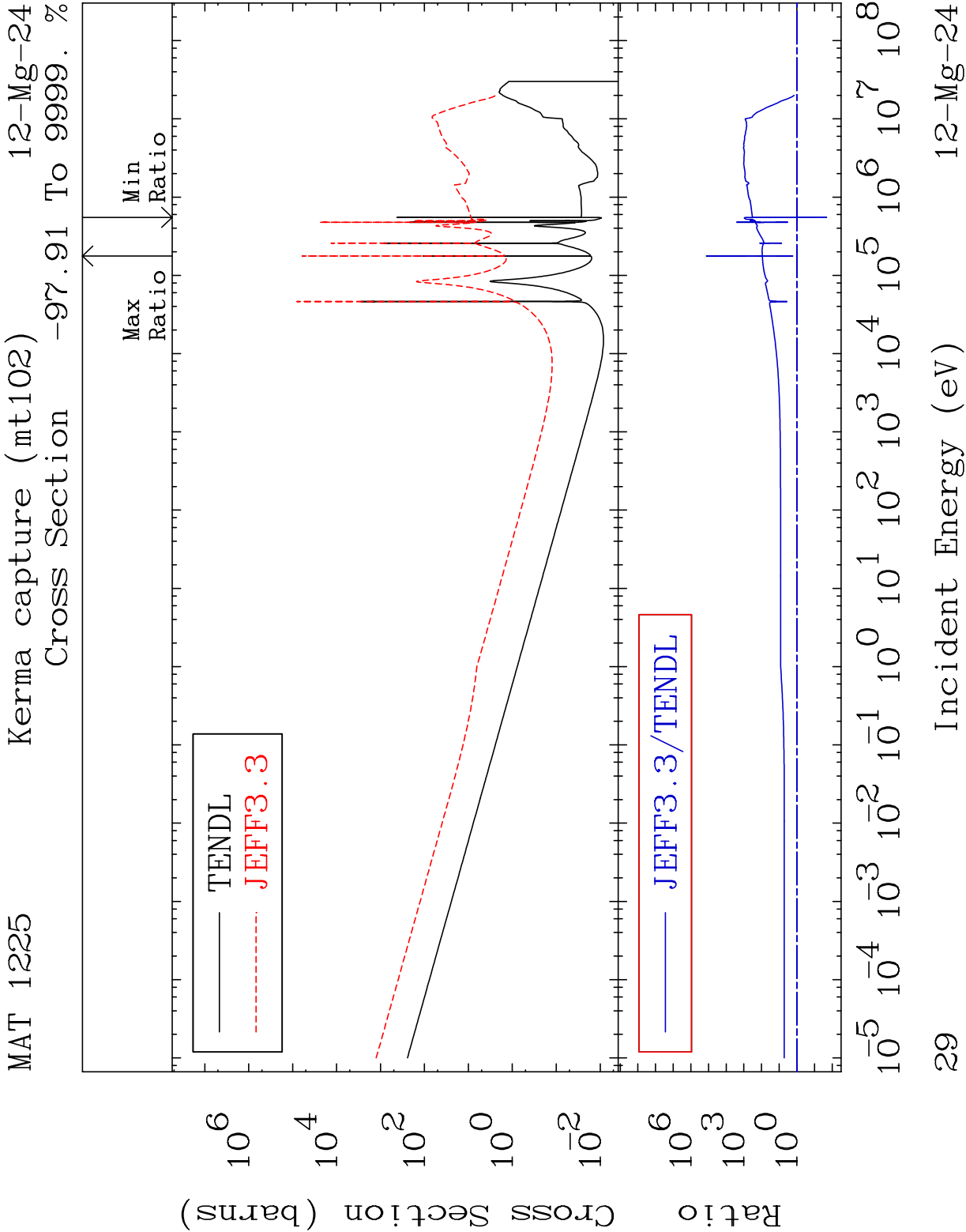


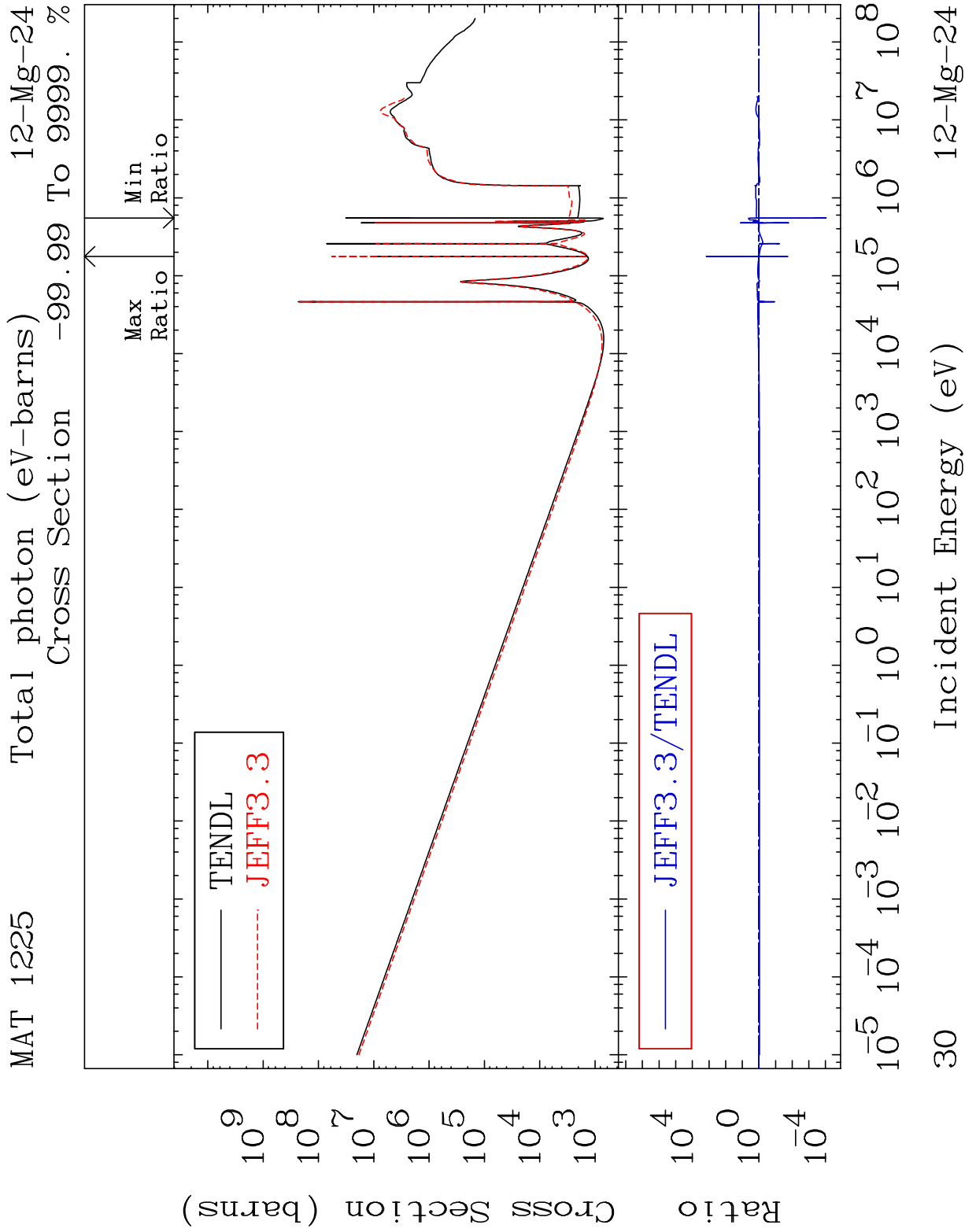




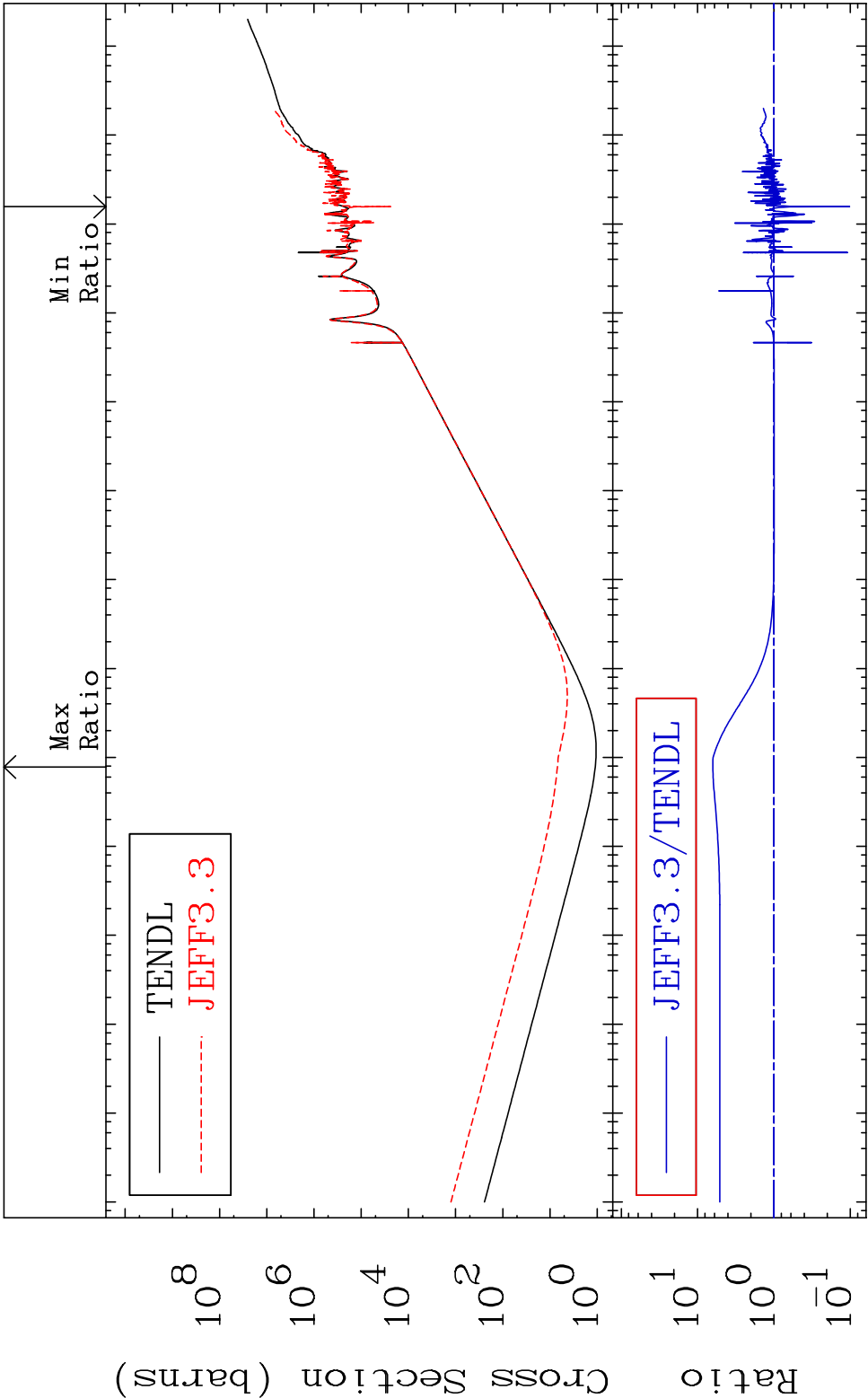
MAT 1225 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-24
Cross Section -29.62 To 9999. %





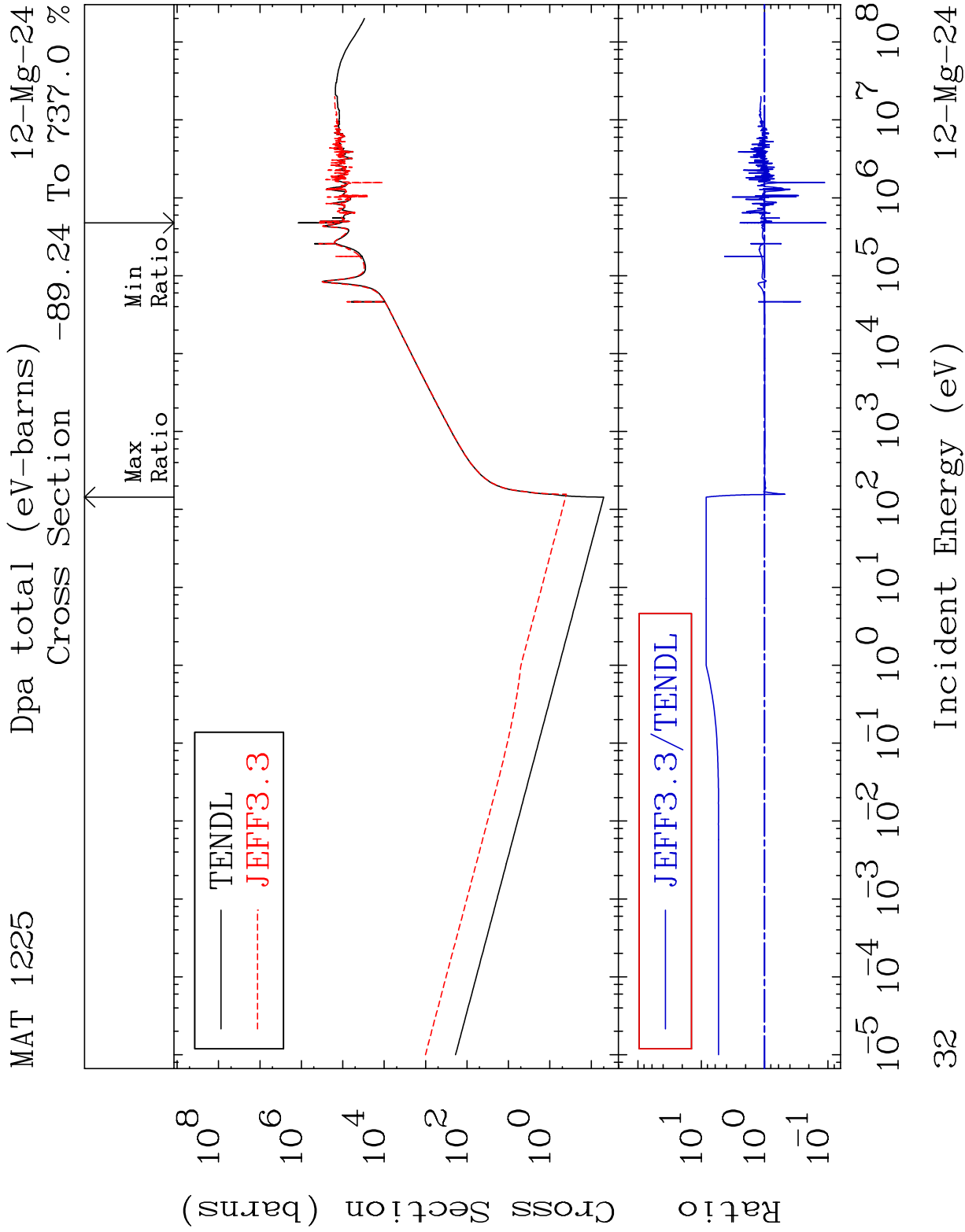


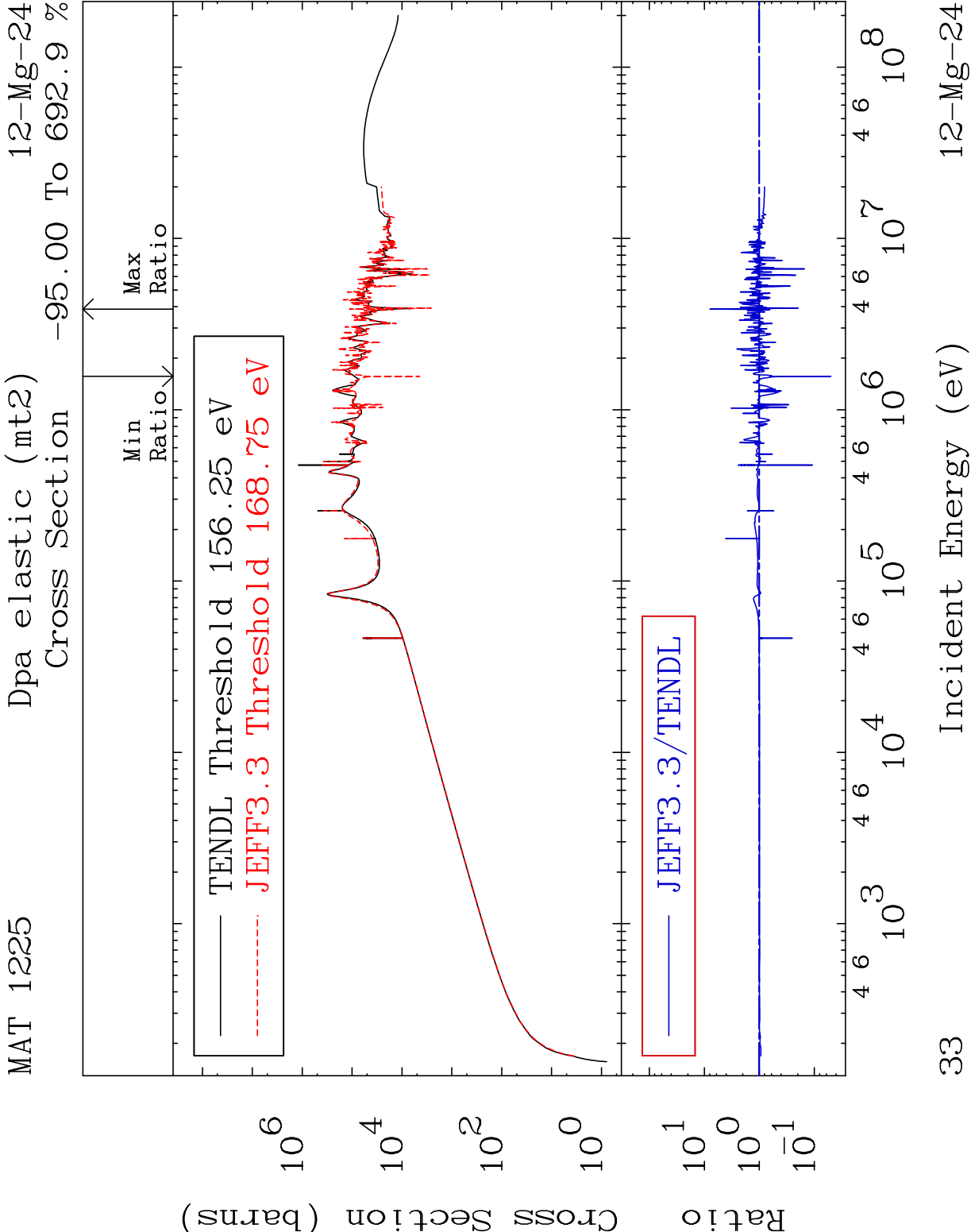
MAT 1225 Total kinematic kerma (high limit) 12-Mg-24
Cross Section -89.74 To 532.9 %



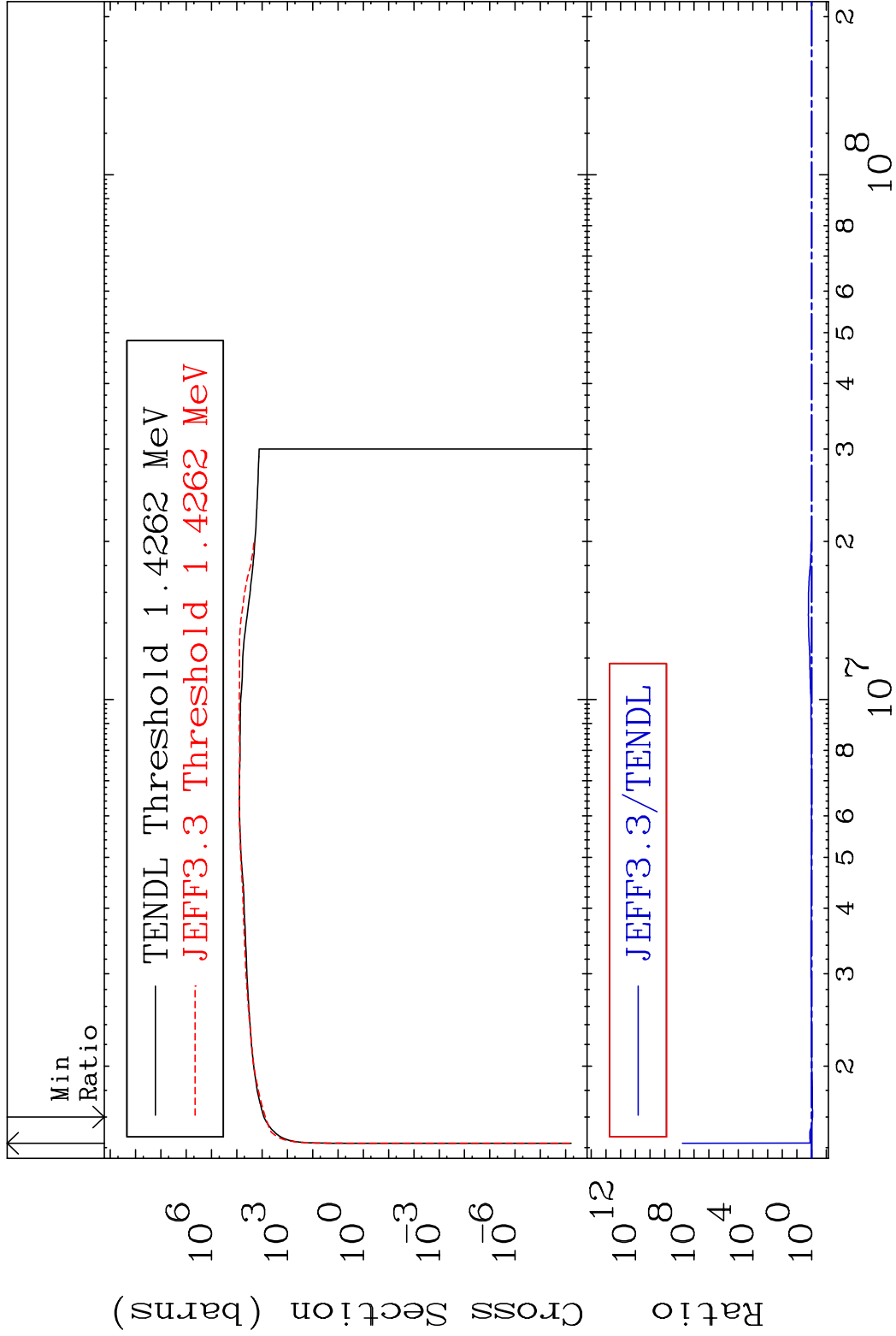
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

31 Incident Energy (eV) 12-Mg-24

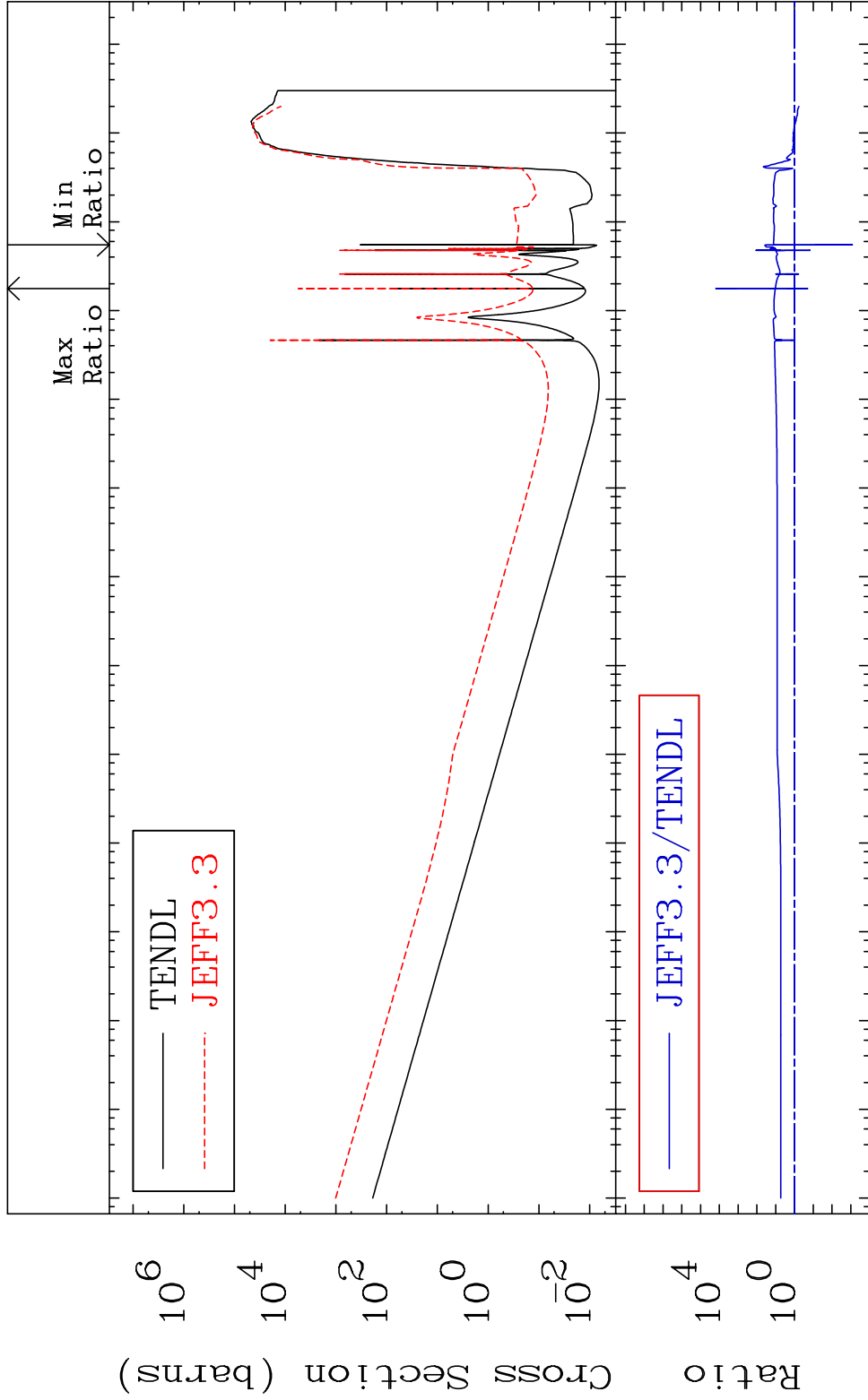




MAT 1225 Dpa inelastic (mt51-91) 12-Mg-24
Cross Section -12.85 To 9999. %



MAT 1225 Dpa disappearance (mt102 -120) 12-Mg-24
Cross Section -99.92 To 9999. %



35 Incident Energy (eV) 12-Mg-24