

Program Complot
(Version 2021-1)

by

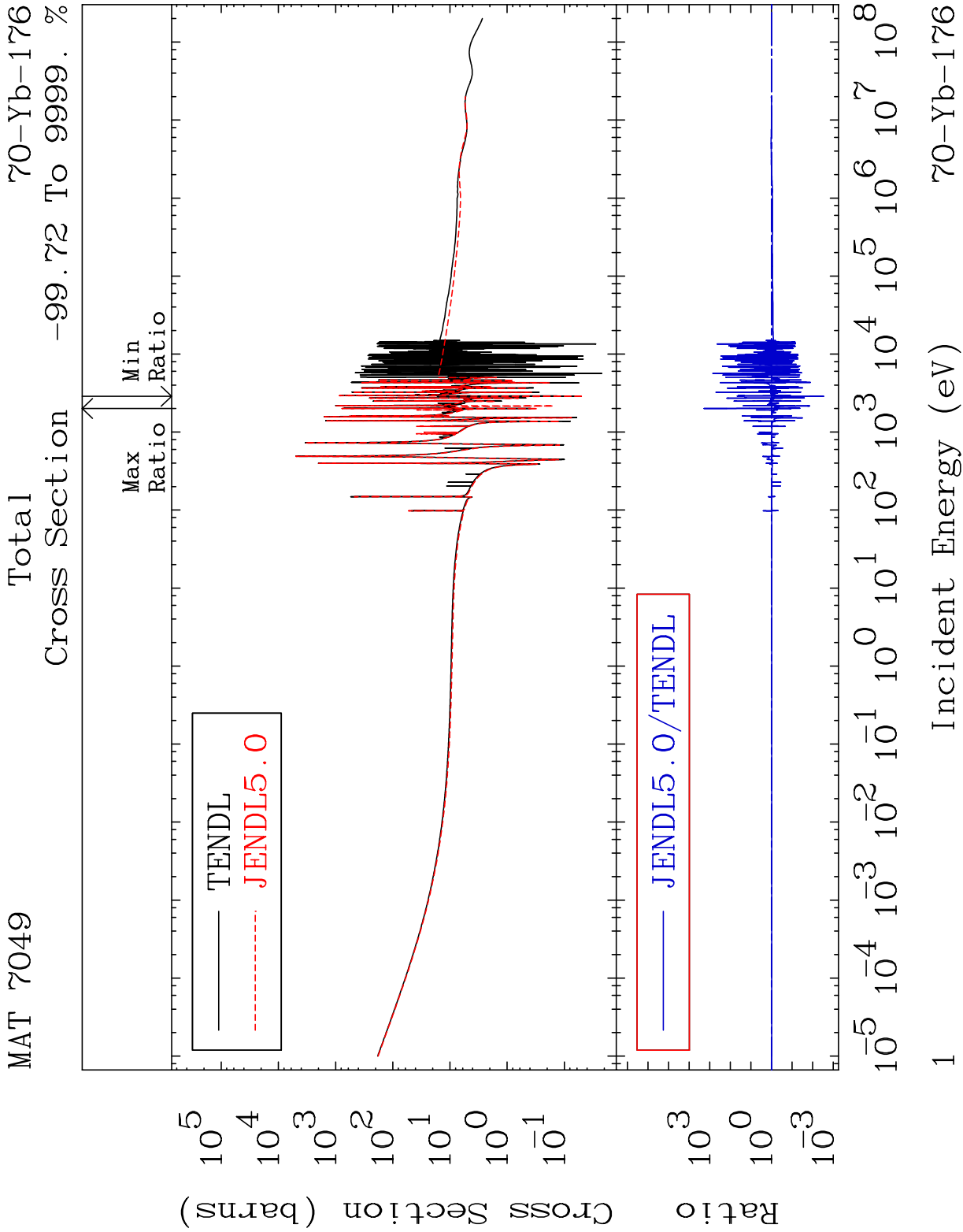
Dermott E. Cullen
(Present Contact Information)

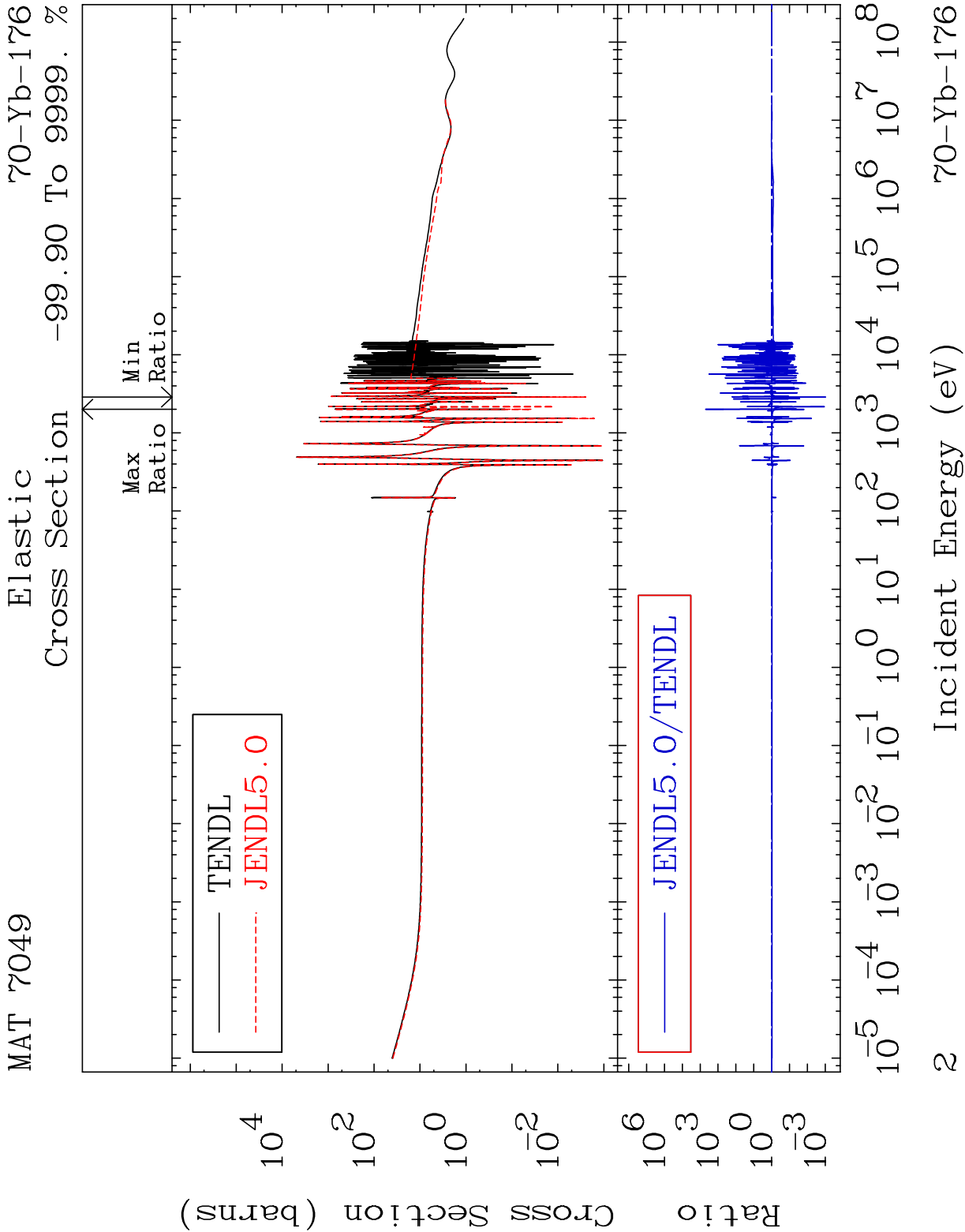
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

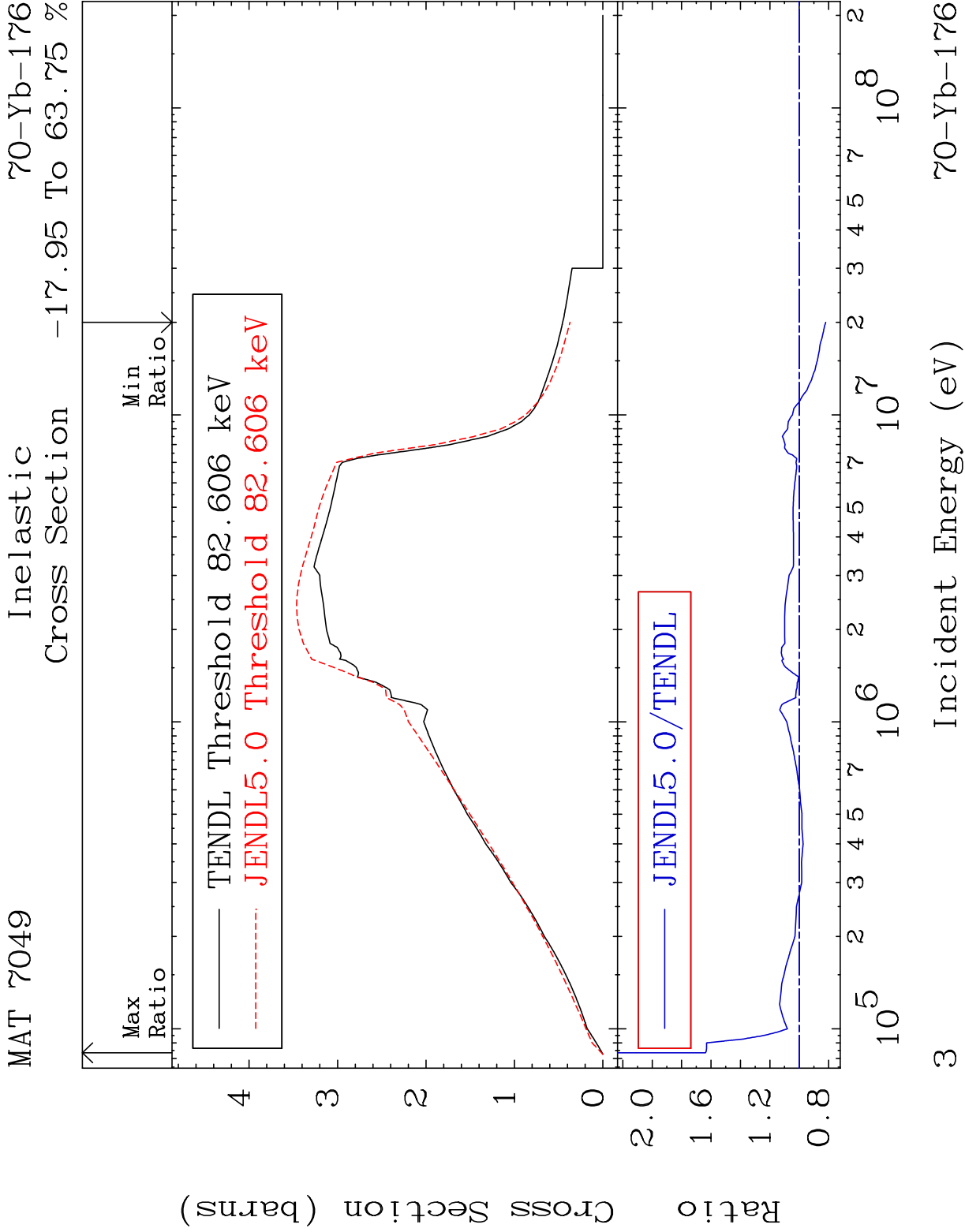
Tele: 925-443-1911

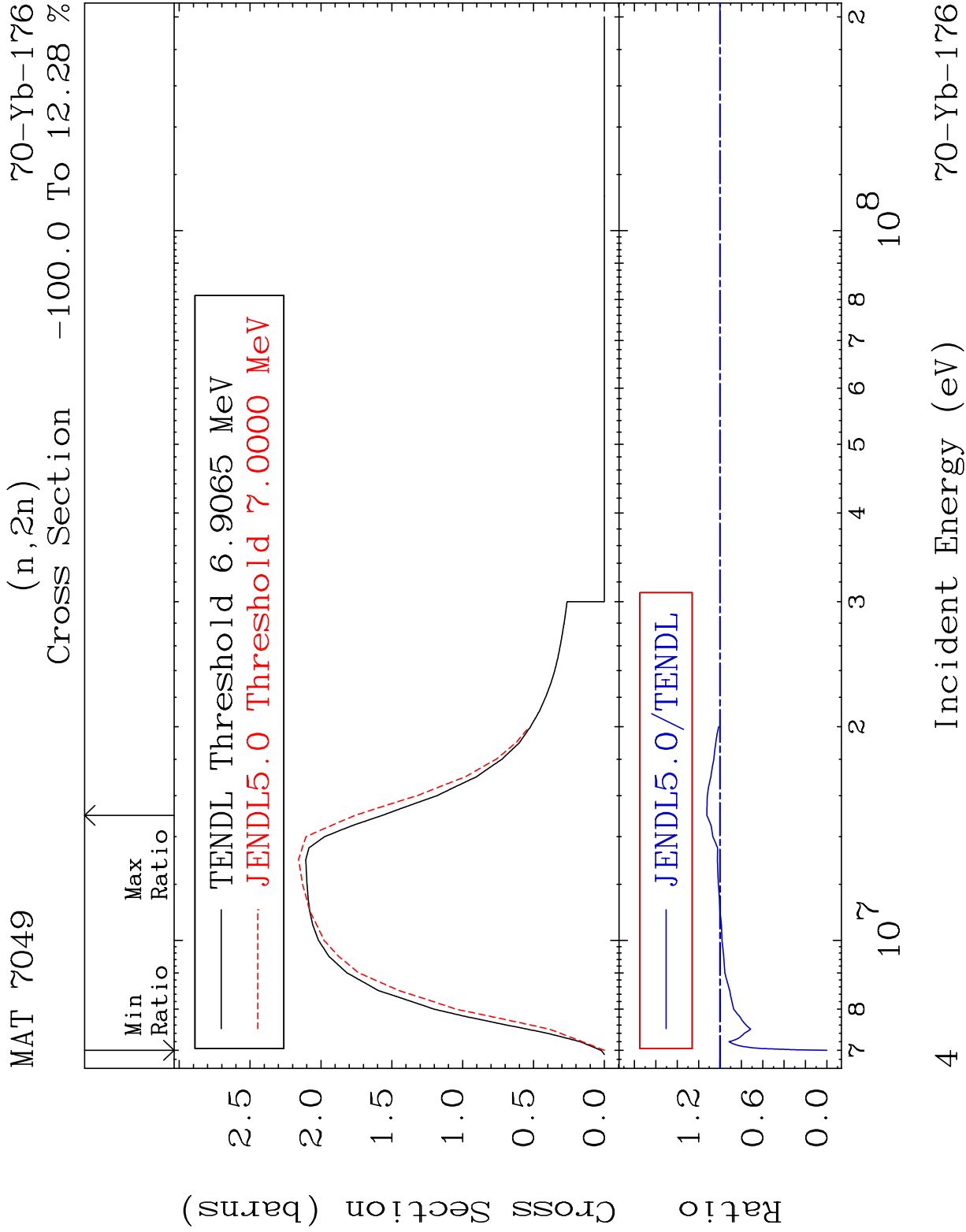
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

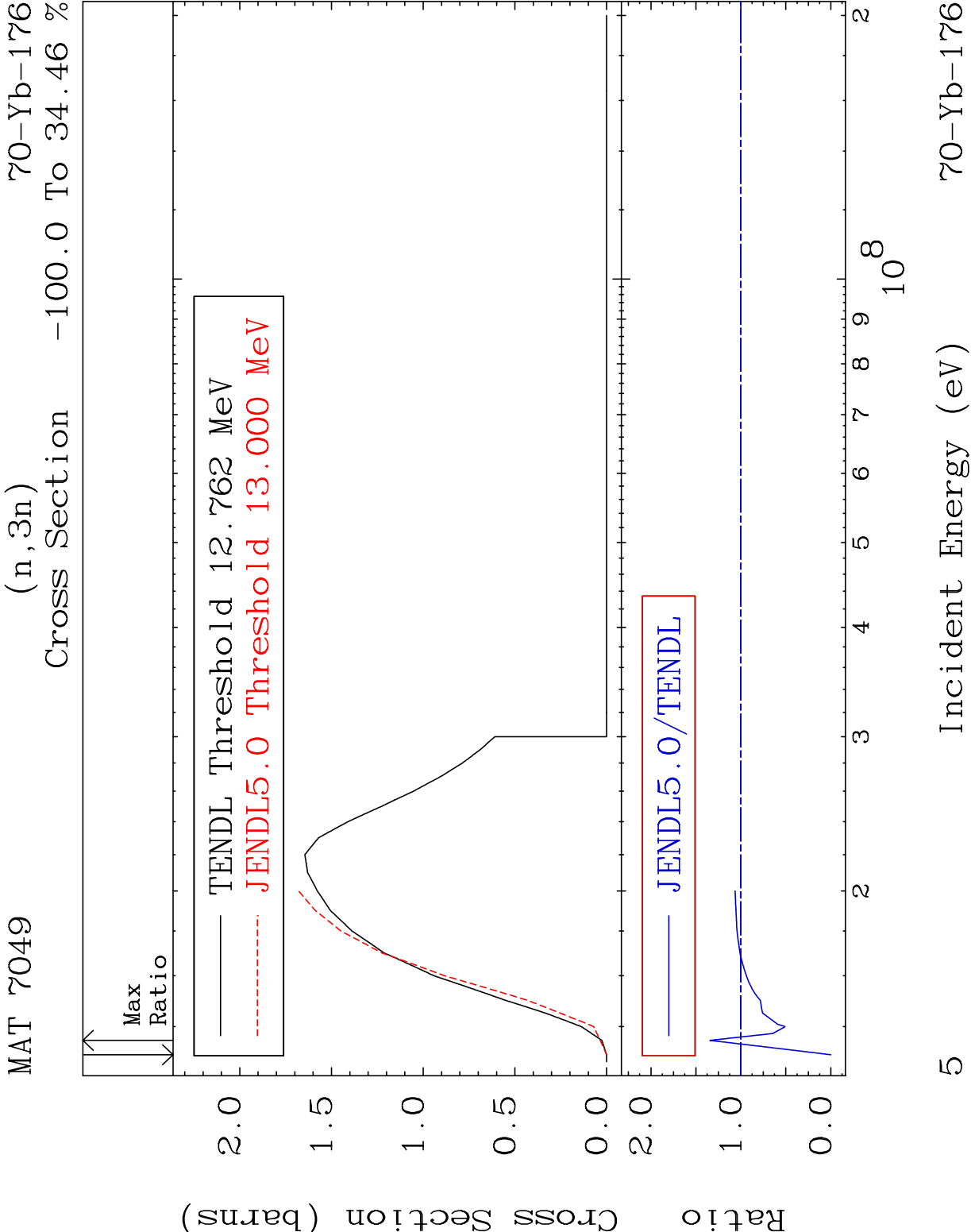
Press Mouse Button to Start

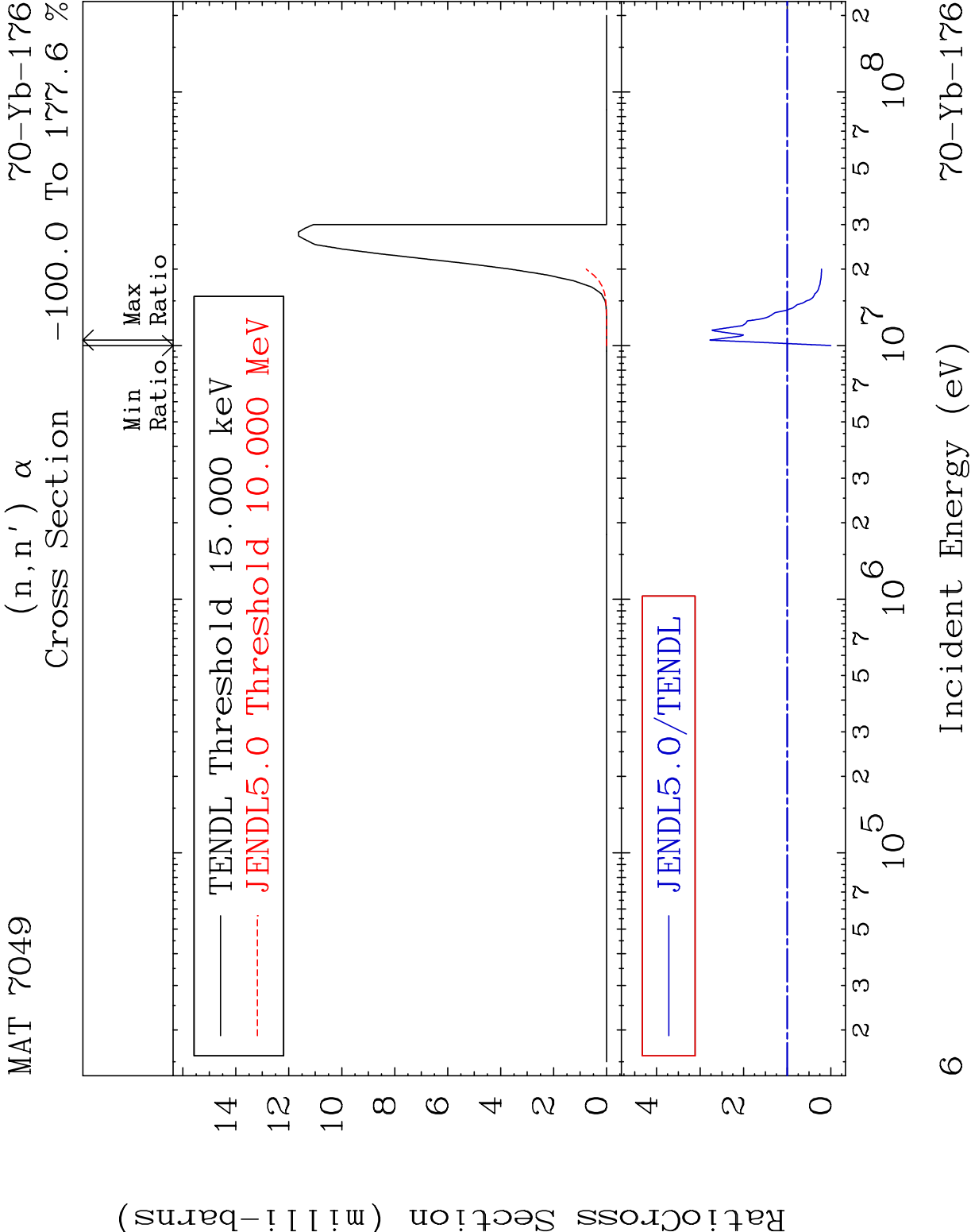


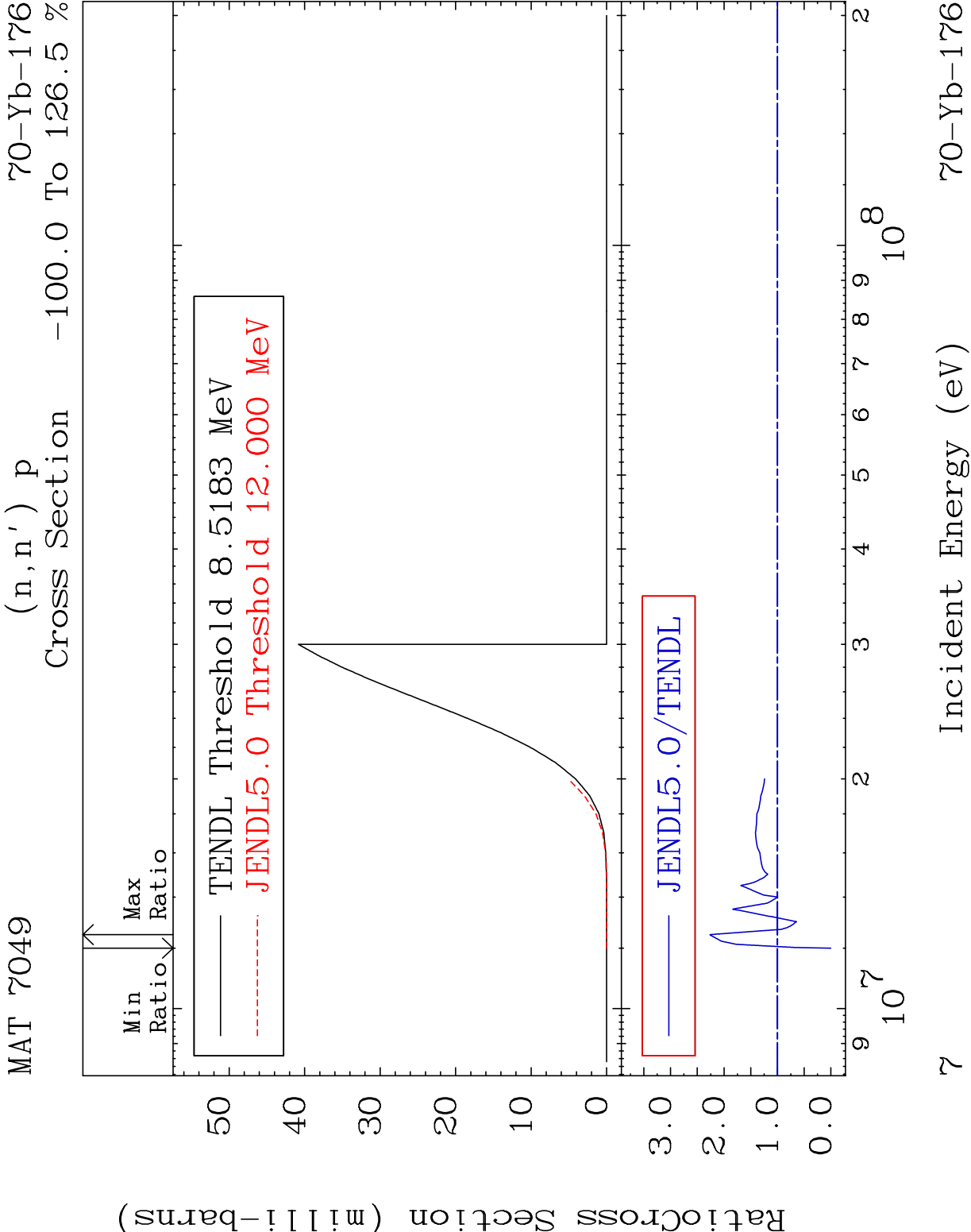












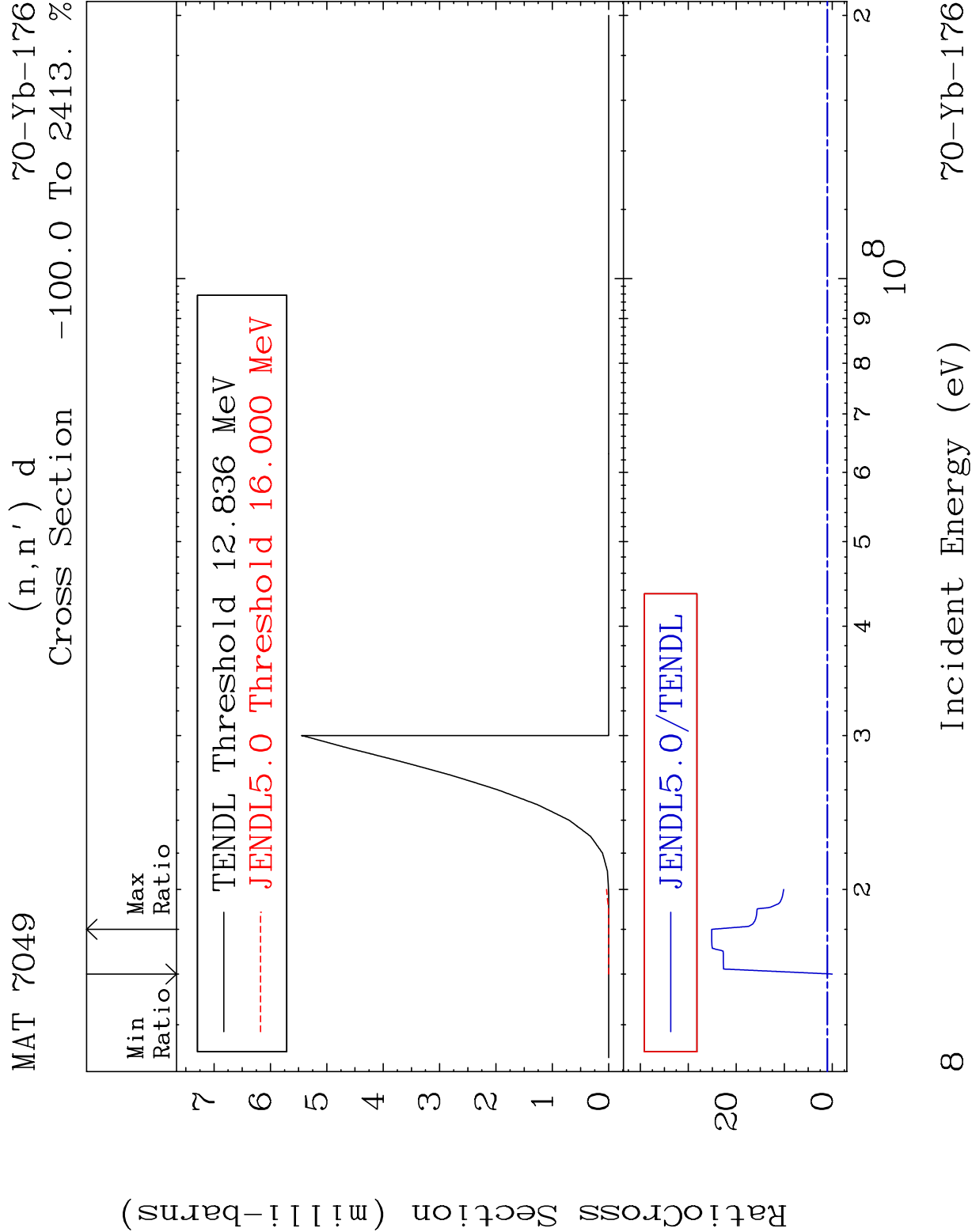
Min Ratio

Max Ratio

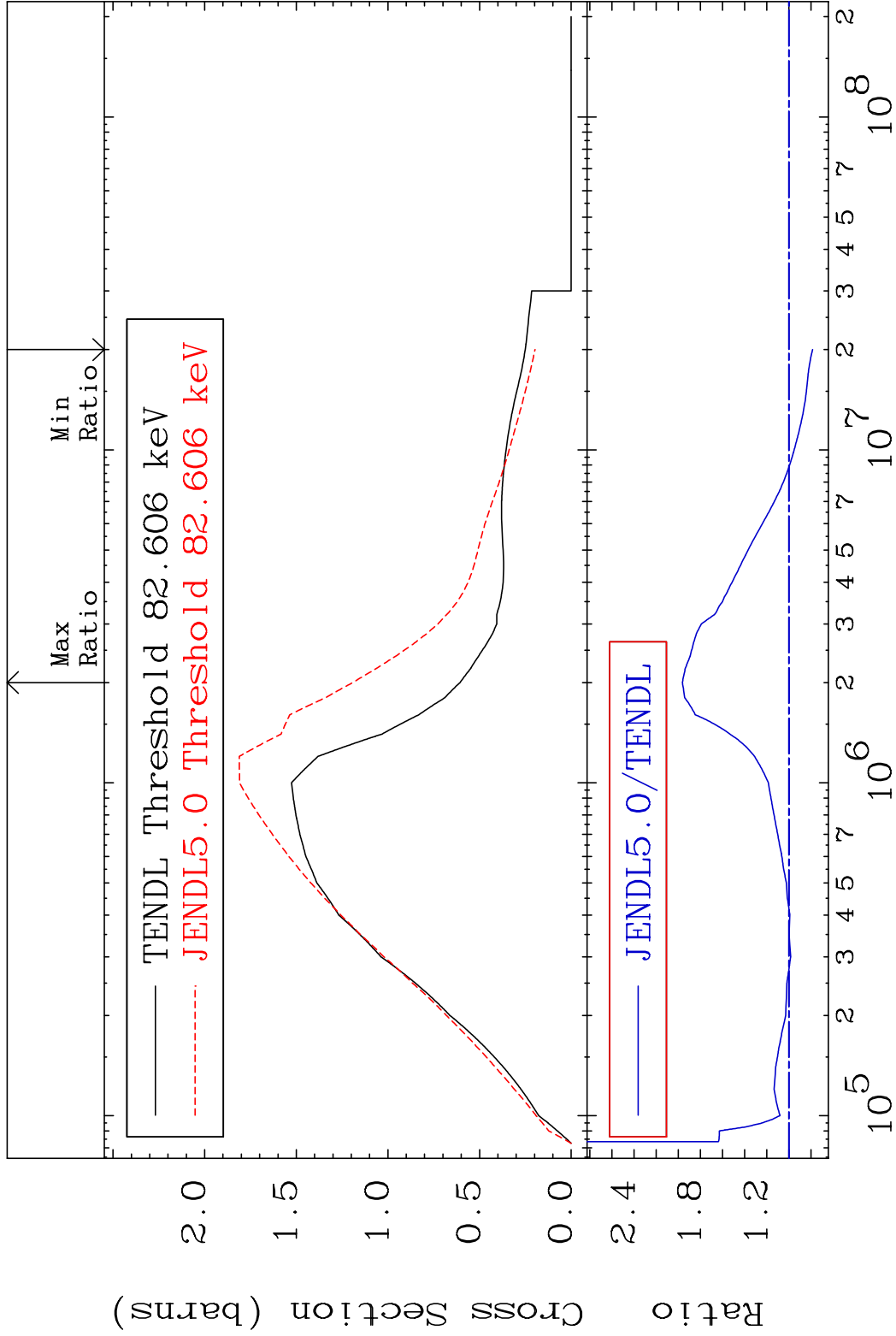
TENDL Threshold 8.5183 MeV

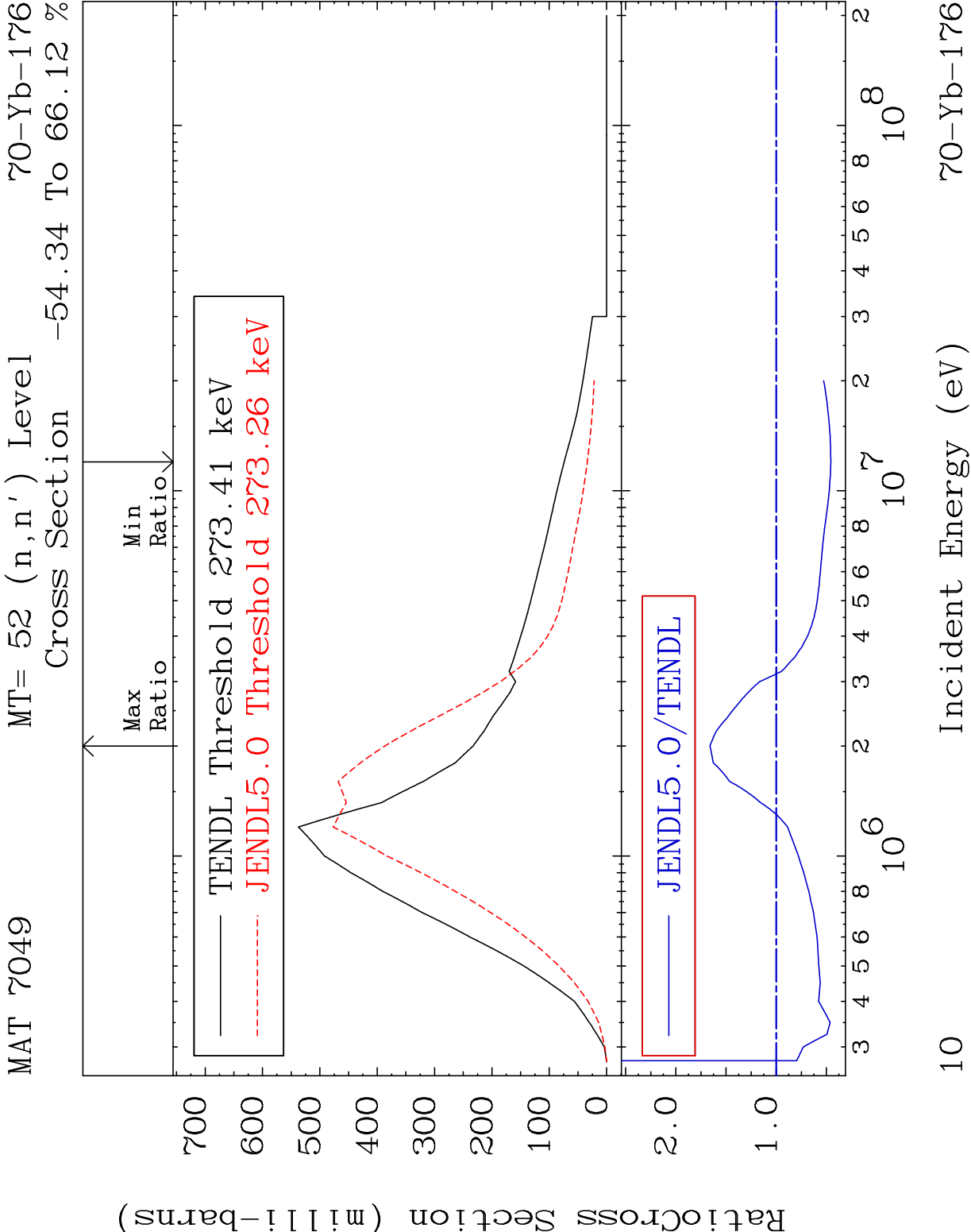
JENDL5.0 Threshold 12.000 MeV

JENDL5.0/TENDL

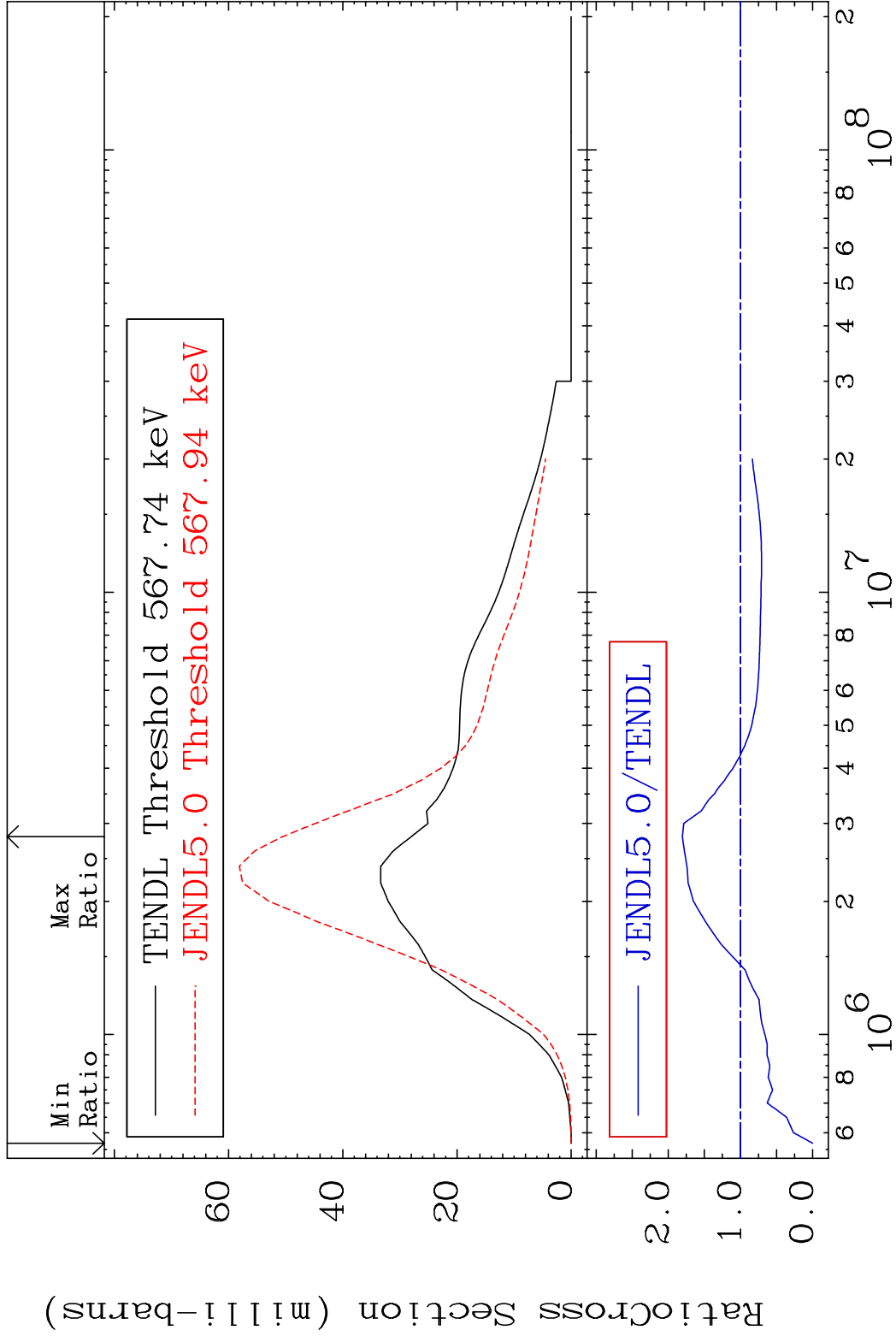


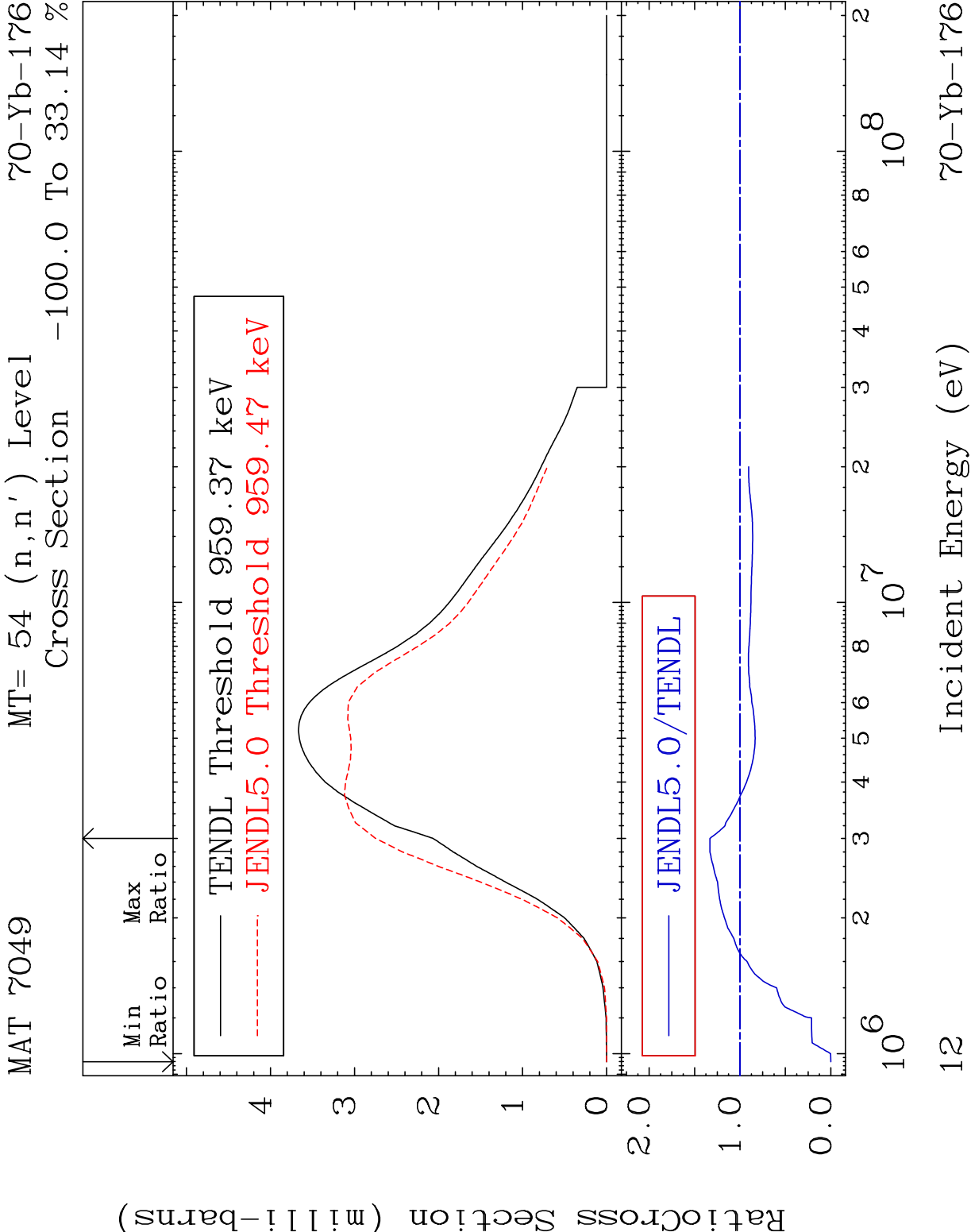
MAT 7049 MT= 51 (n,n') Level 70-Yb-176
 Cross Section -21.39 To 96.37 %

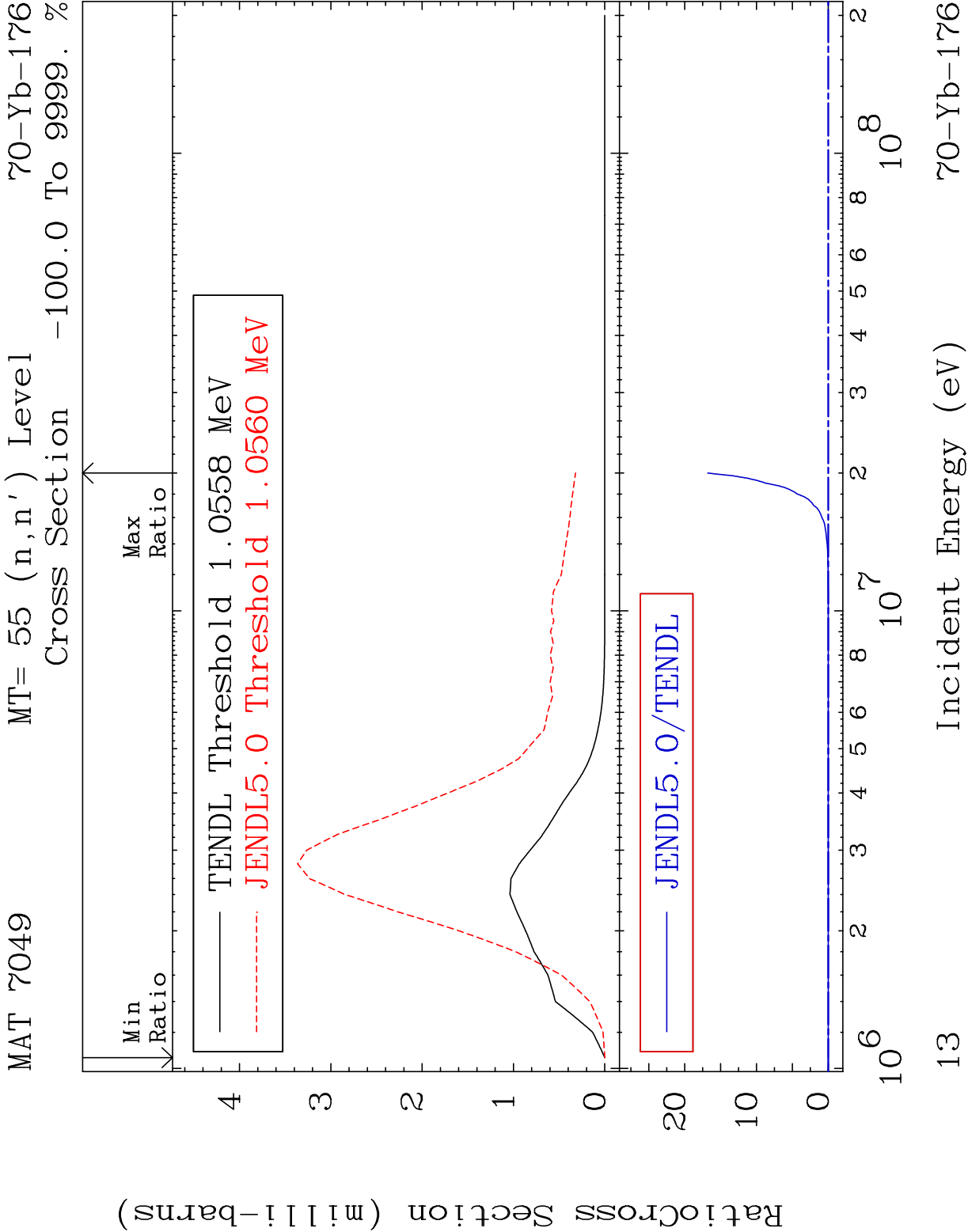


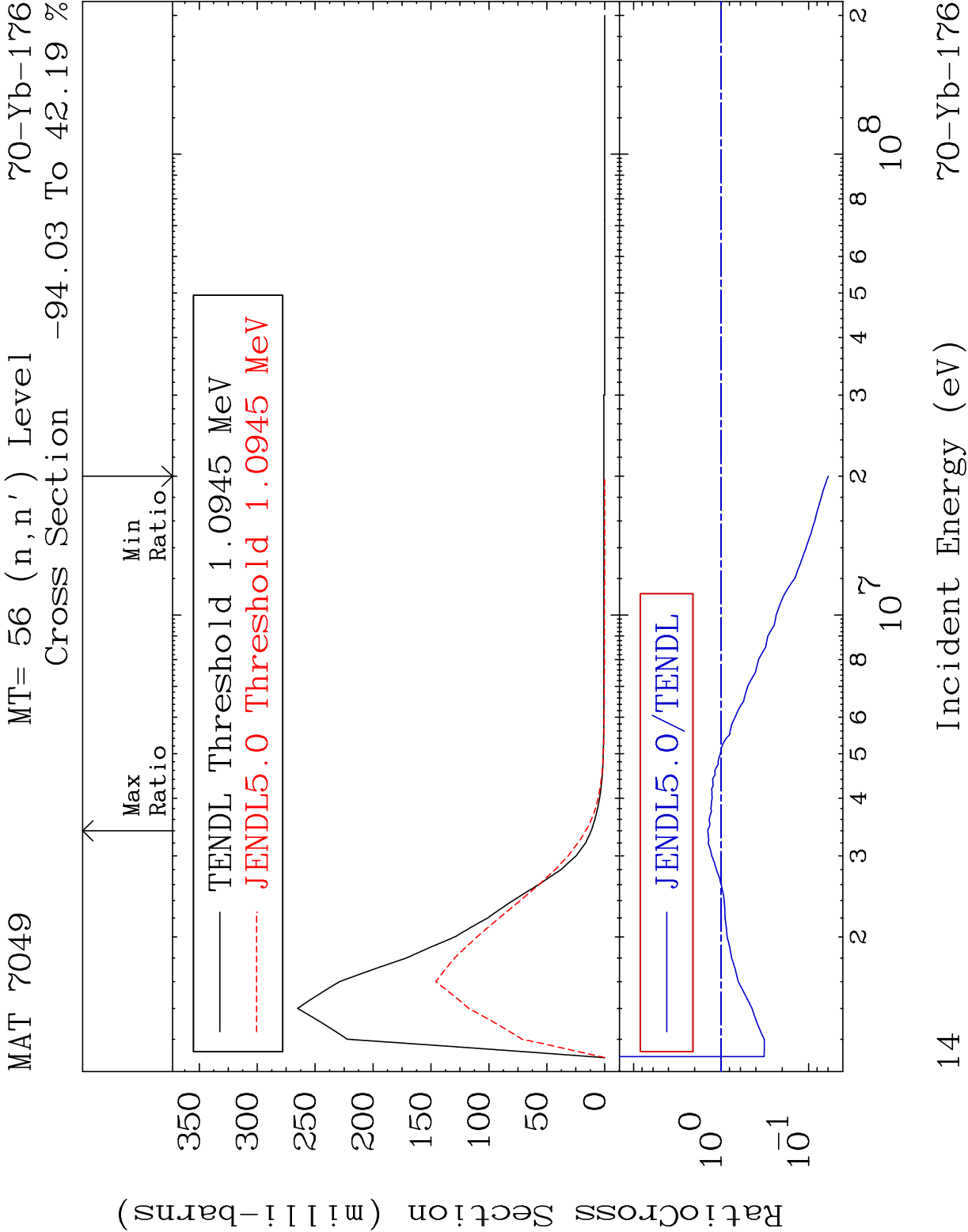


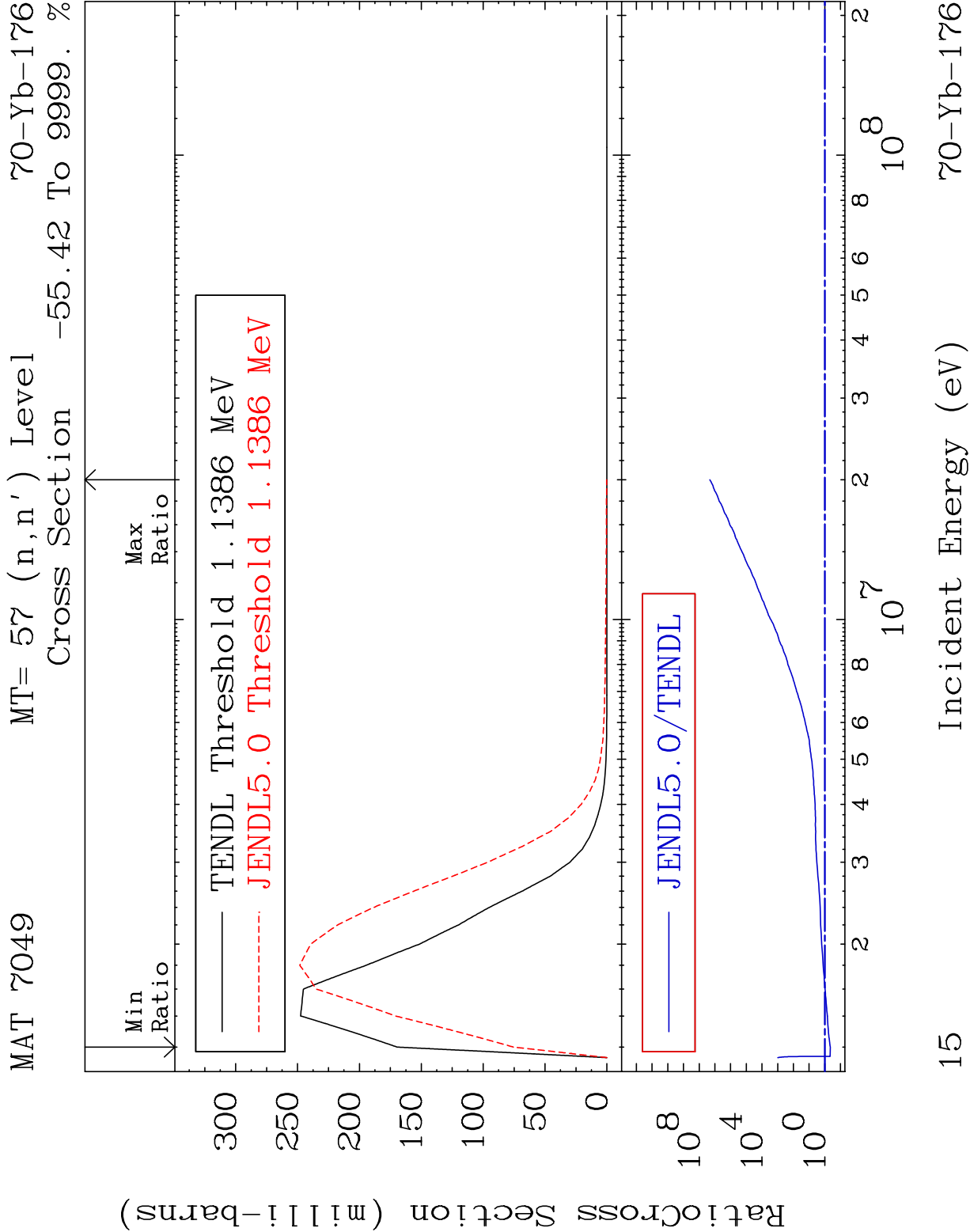
MAT 7049 MT= 53 (n,n') Level 70-Yb-176
Cross Section -100.0 To 80.54 %

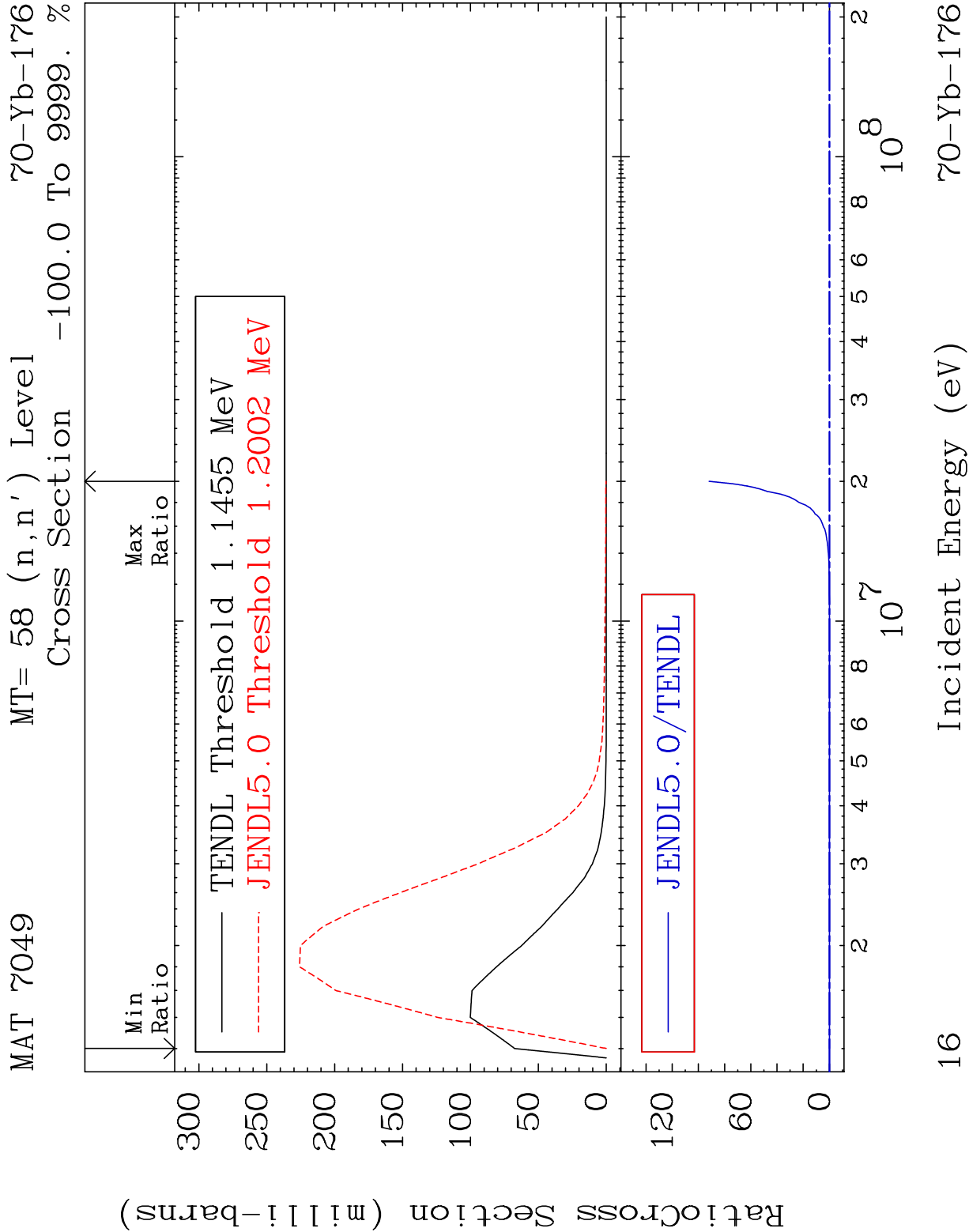


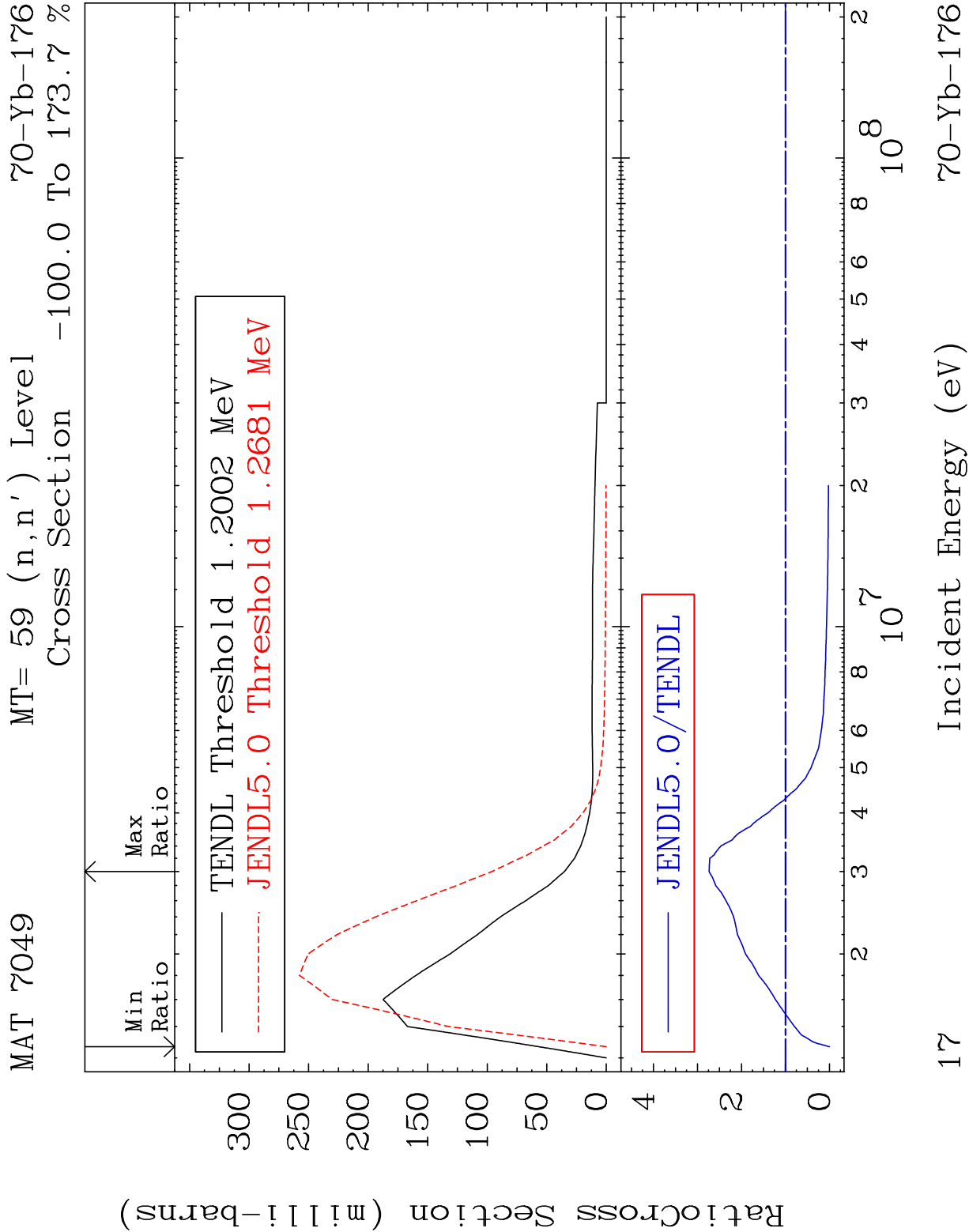


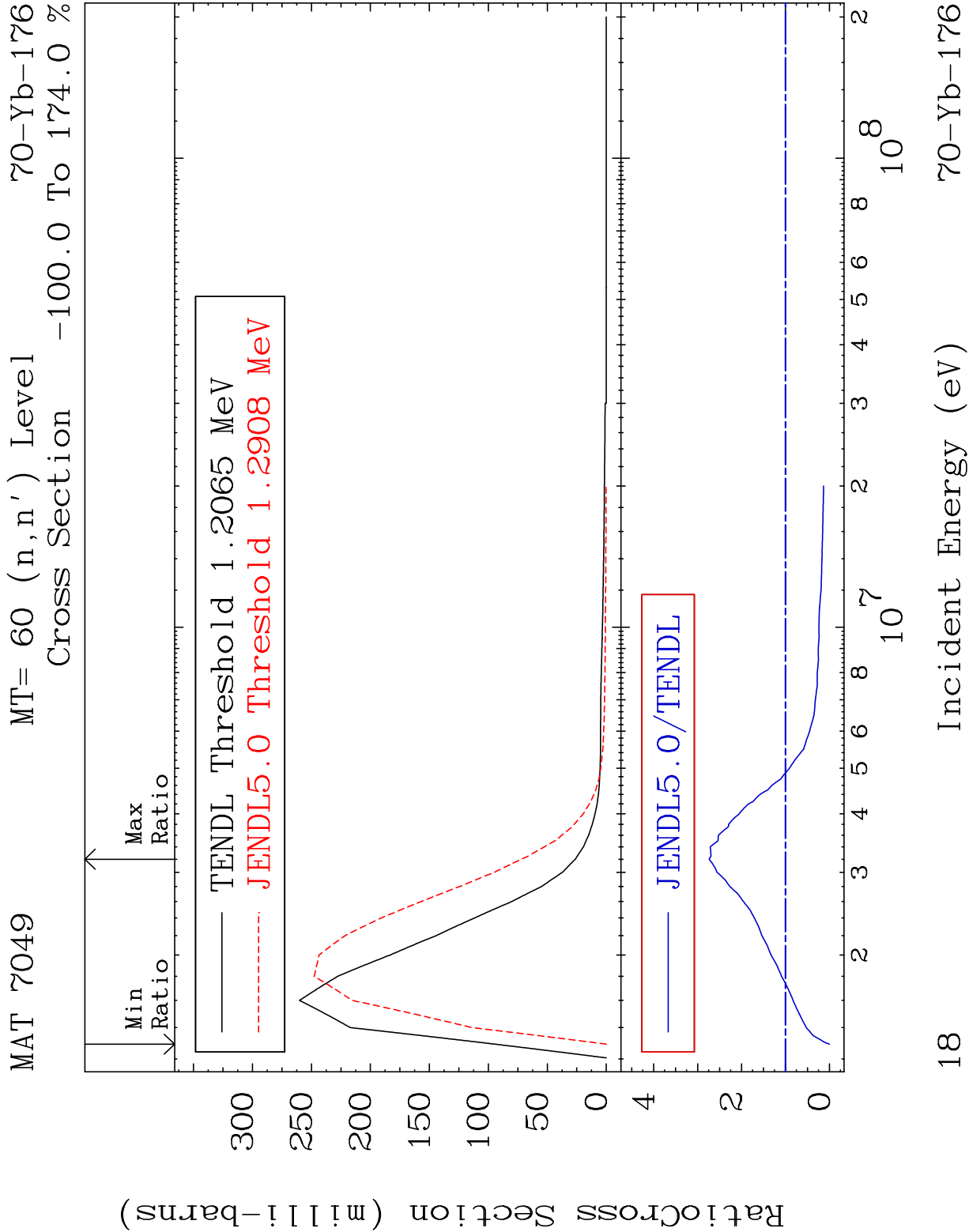


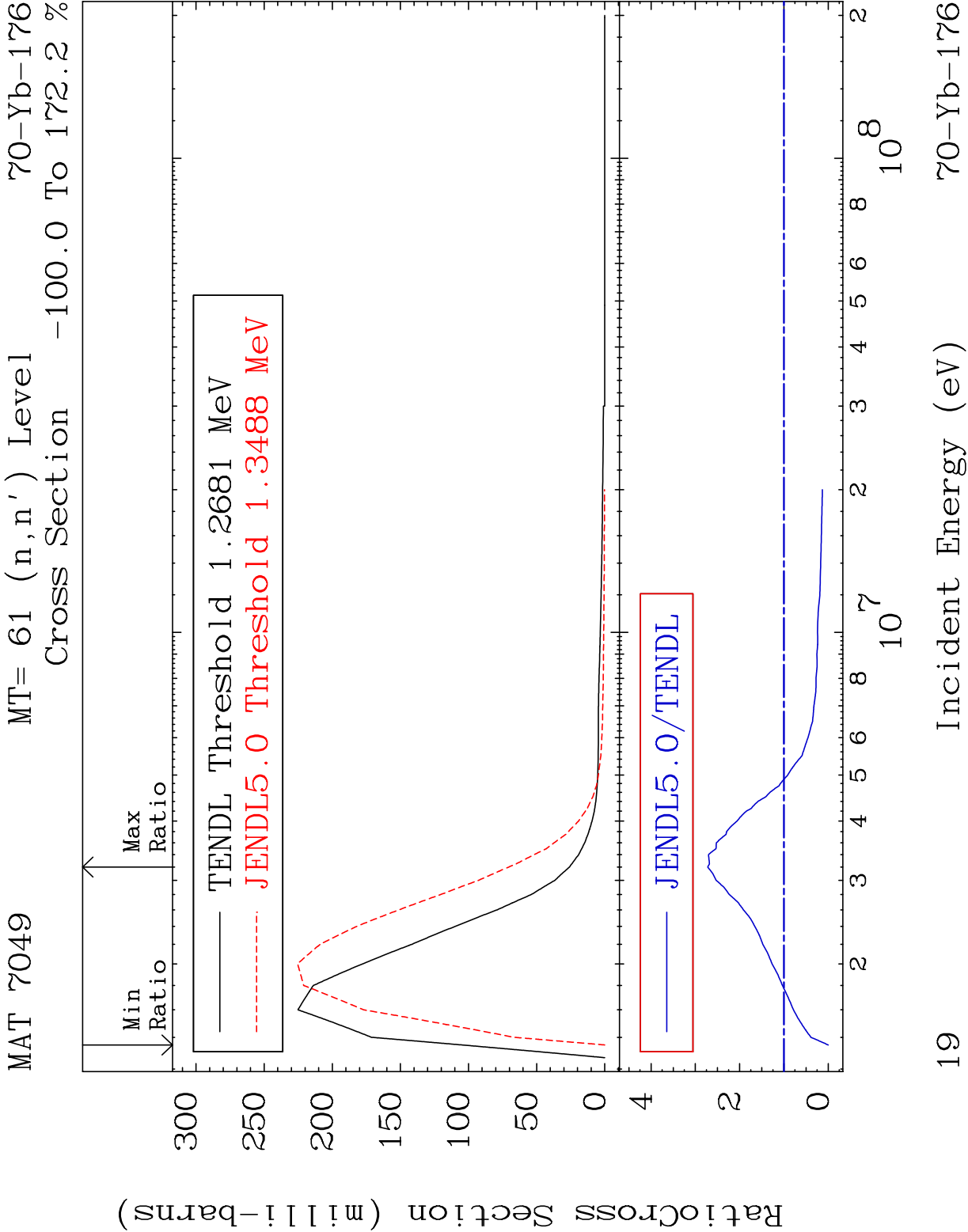




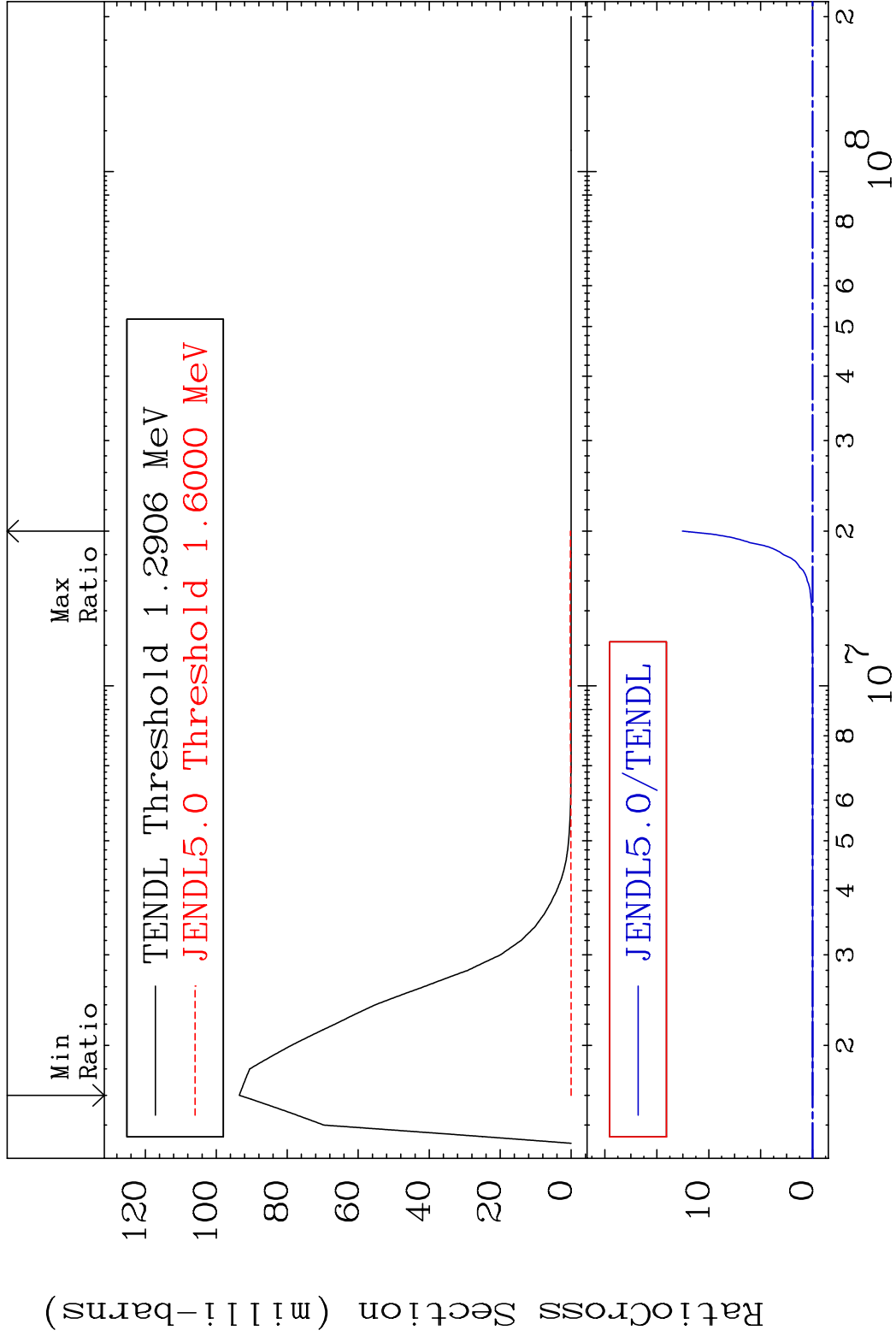


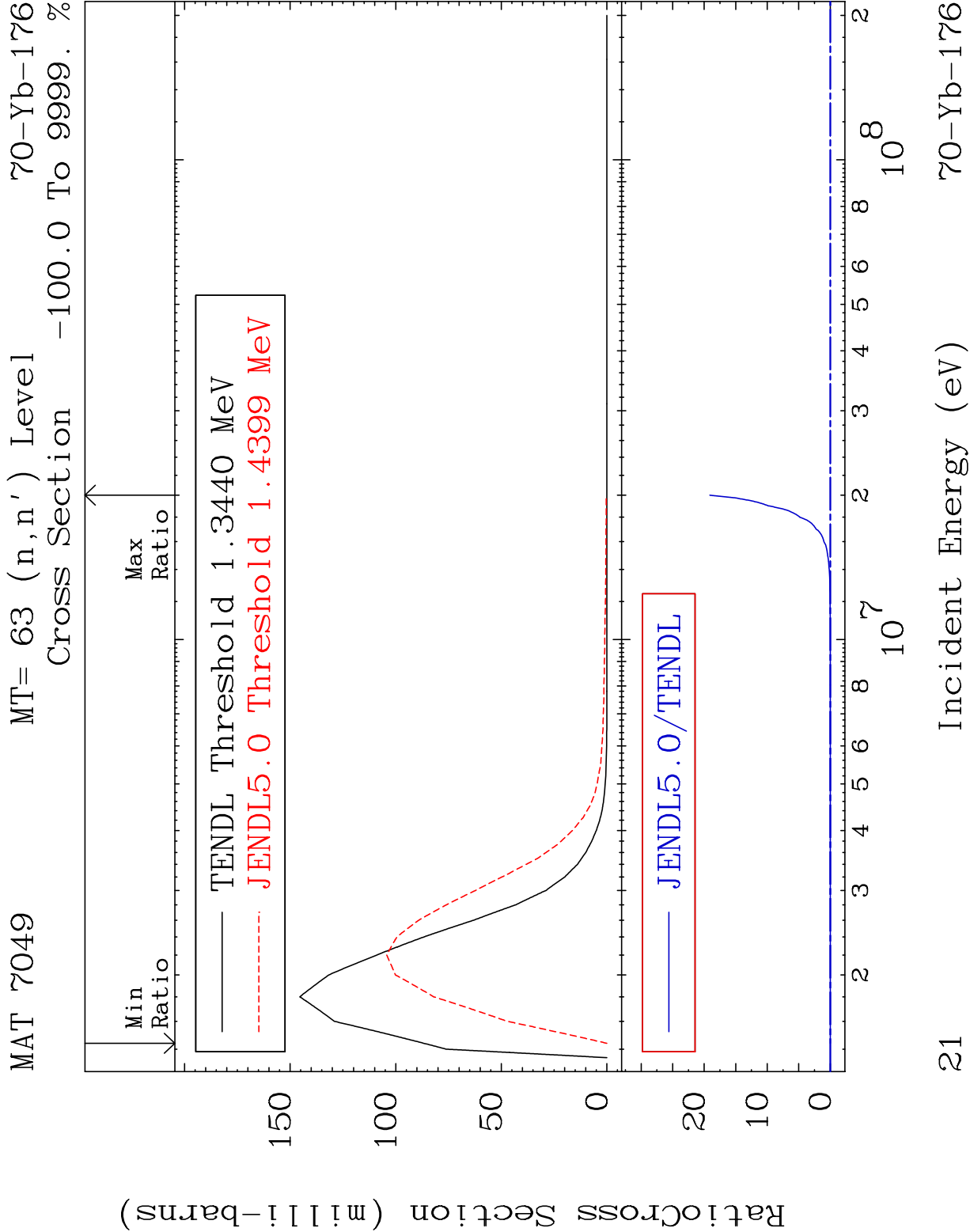


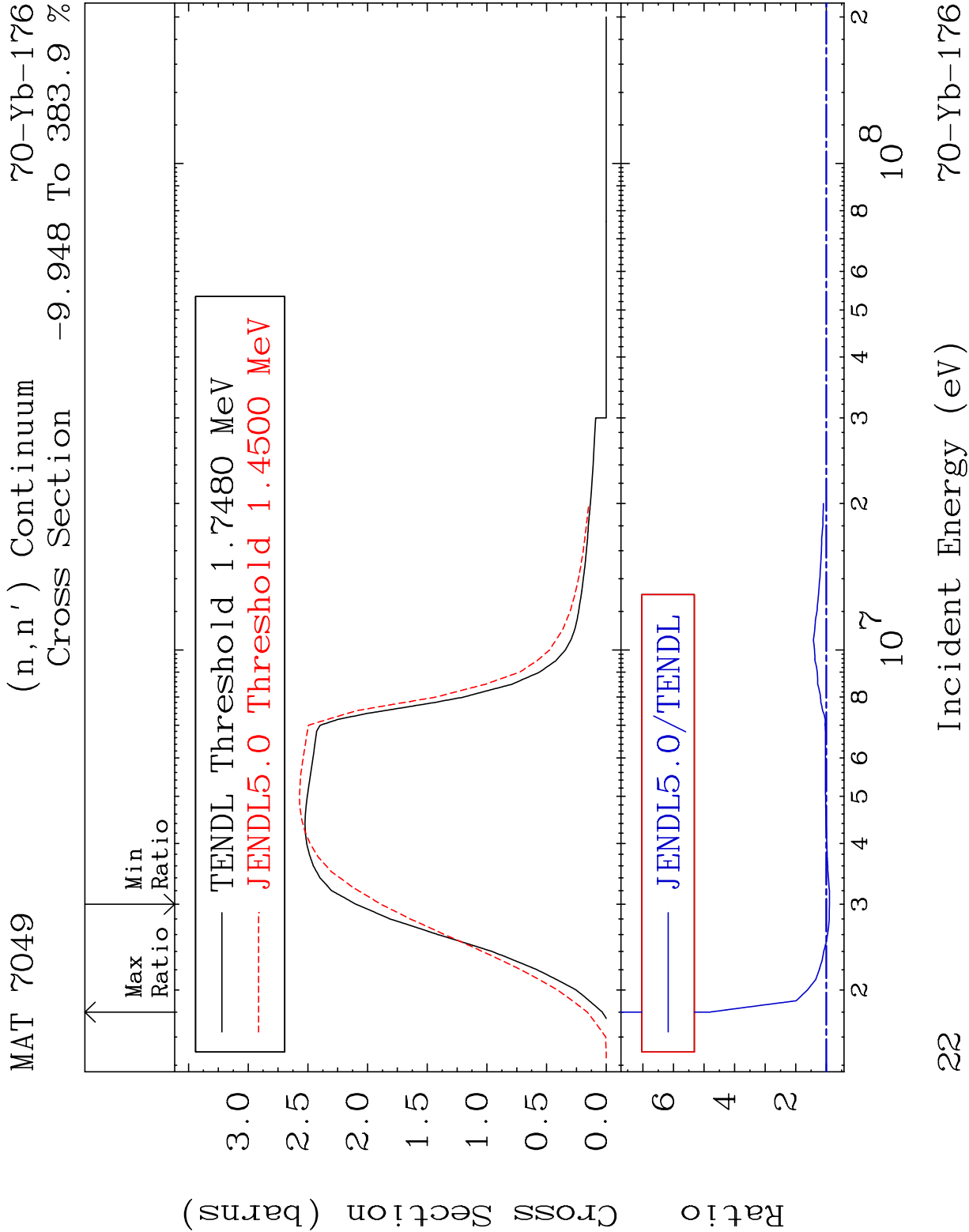


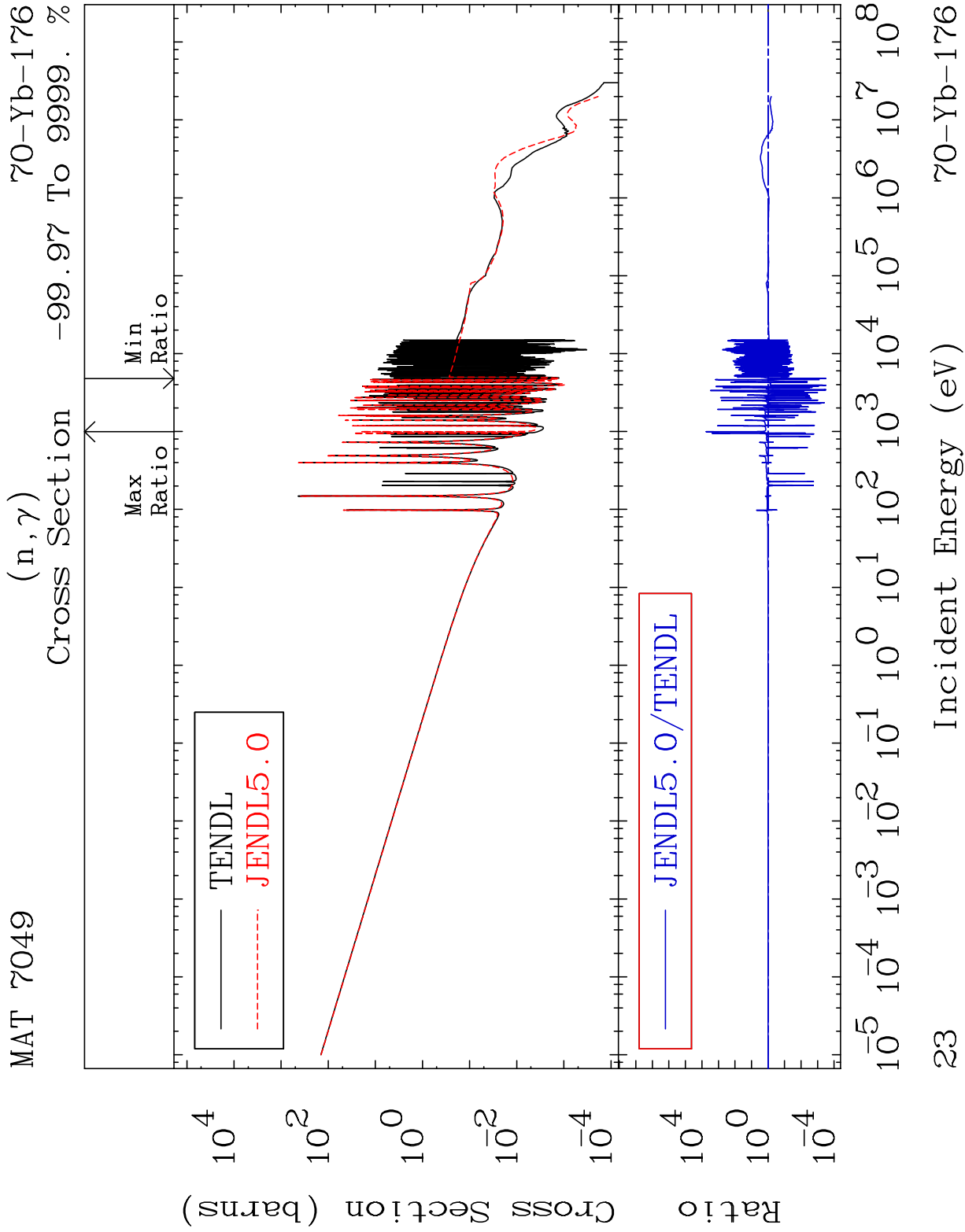


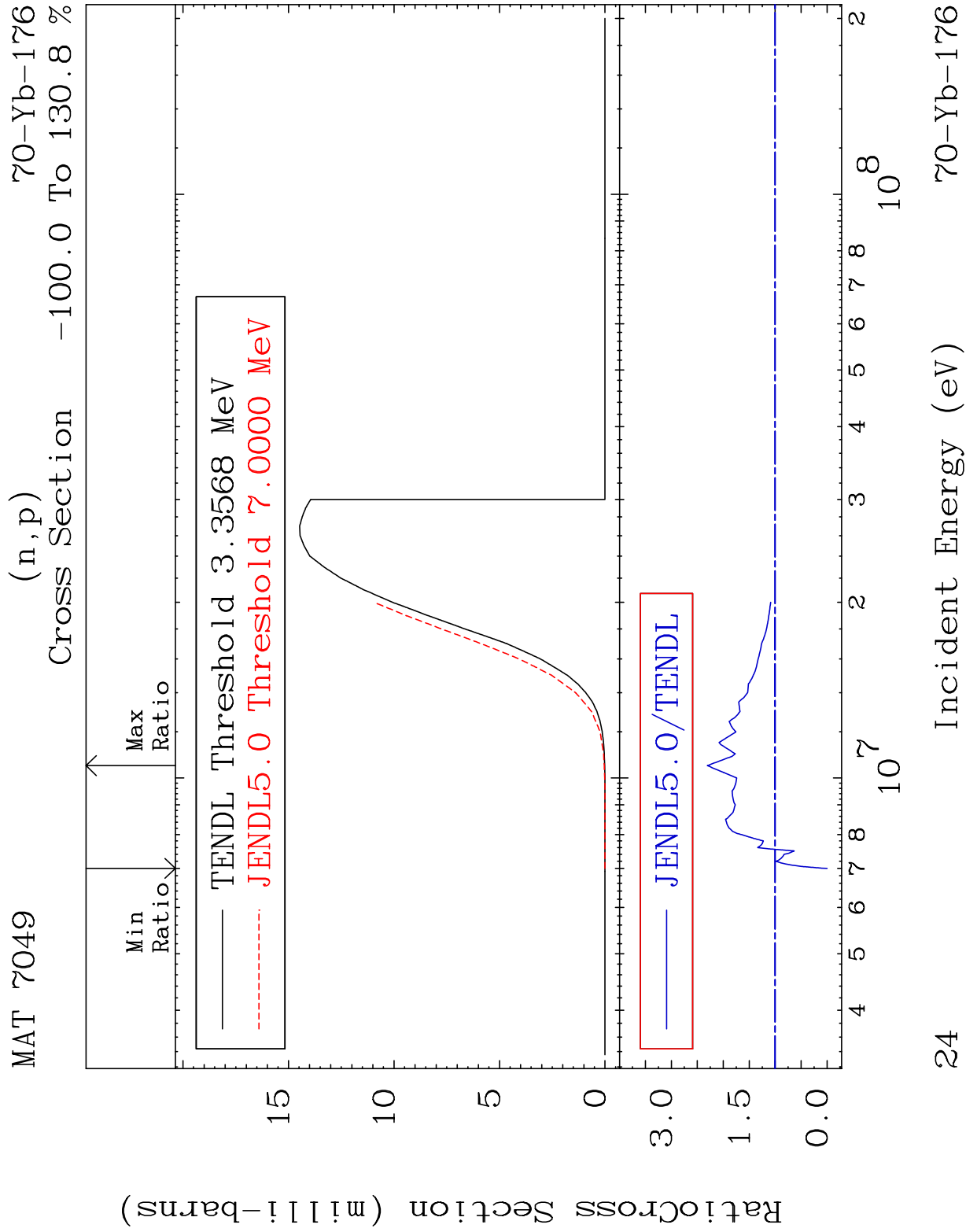
MAT 7049 MT= 62 (n,n') Level 70-Yb-176
Cross Section -100.0 To 9999. %

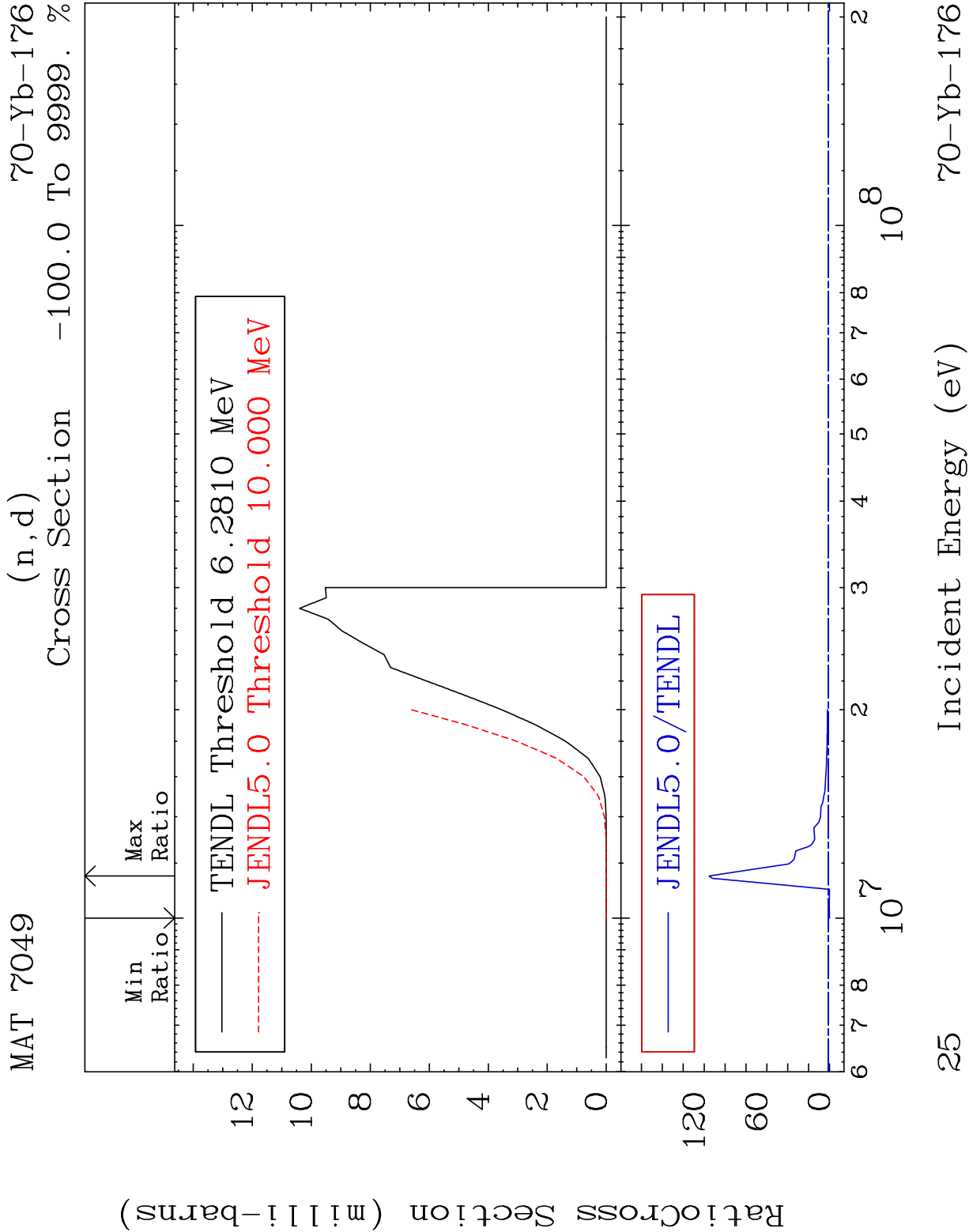


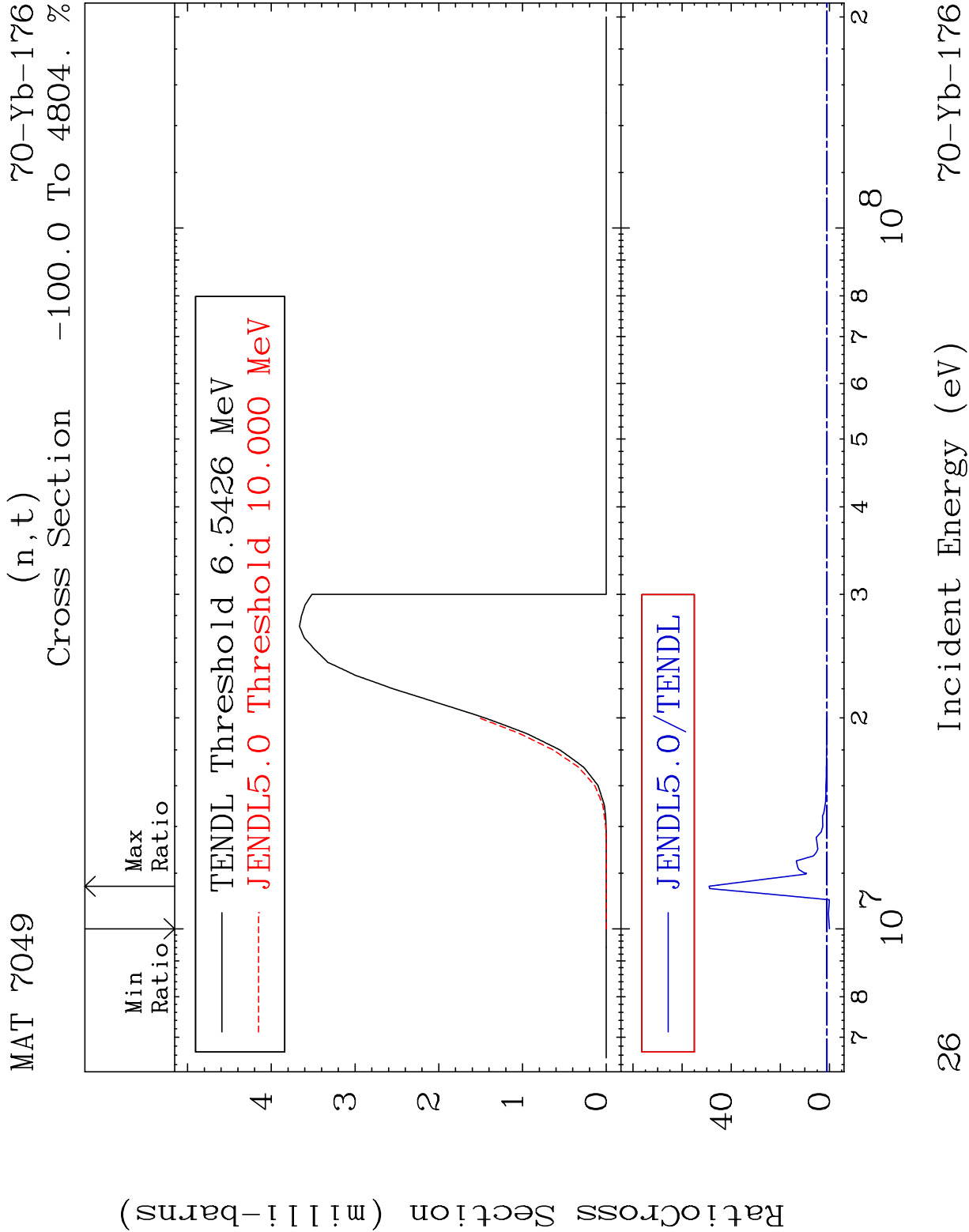


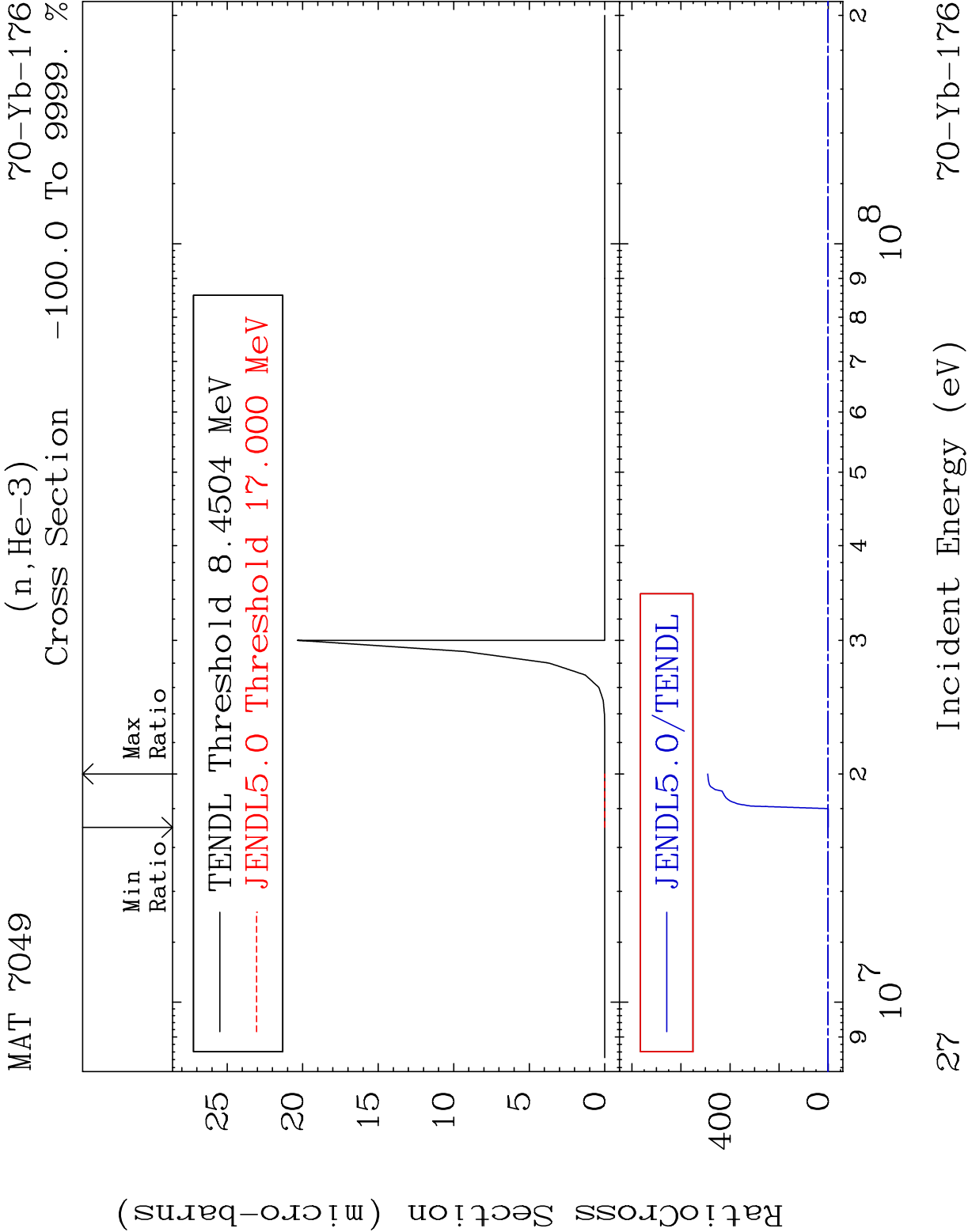


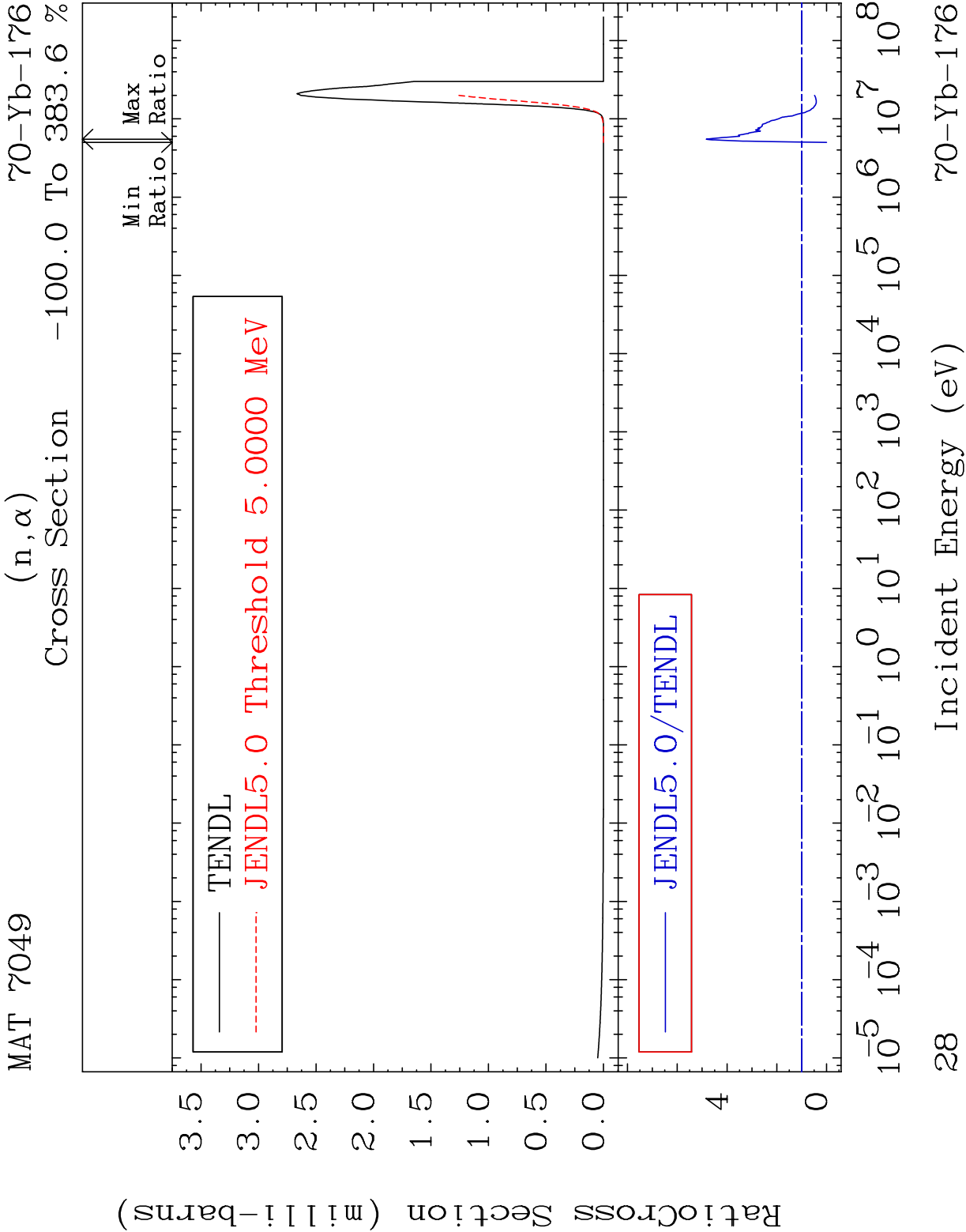


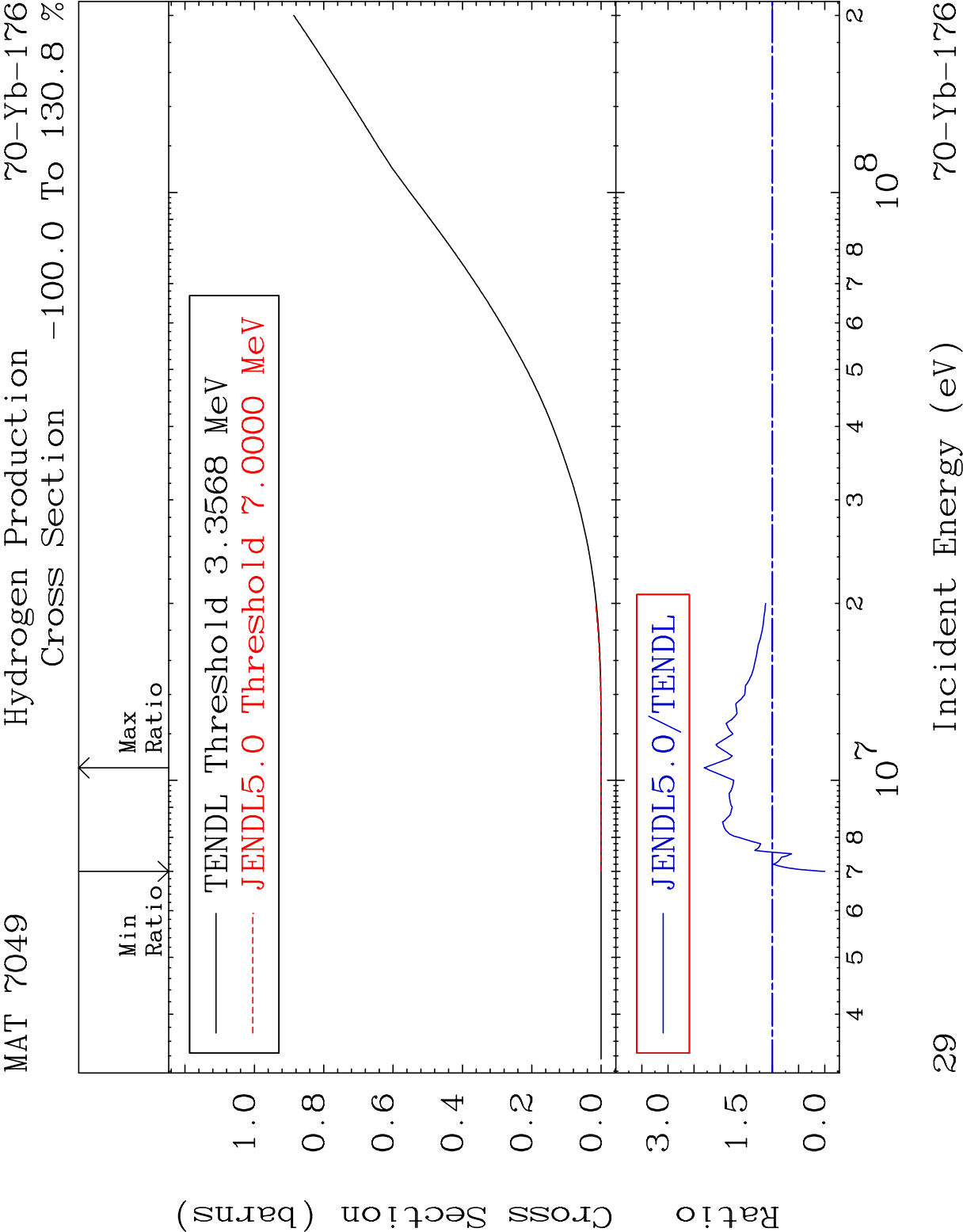










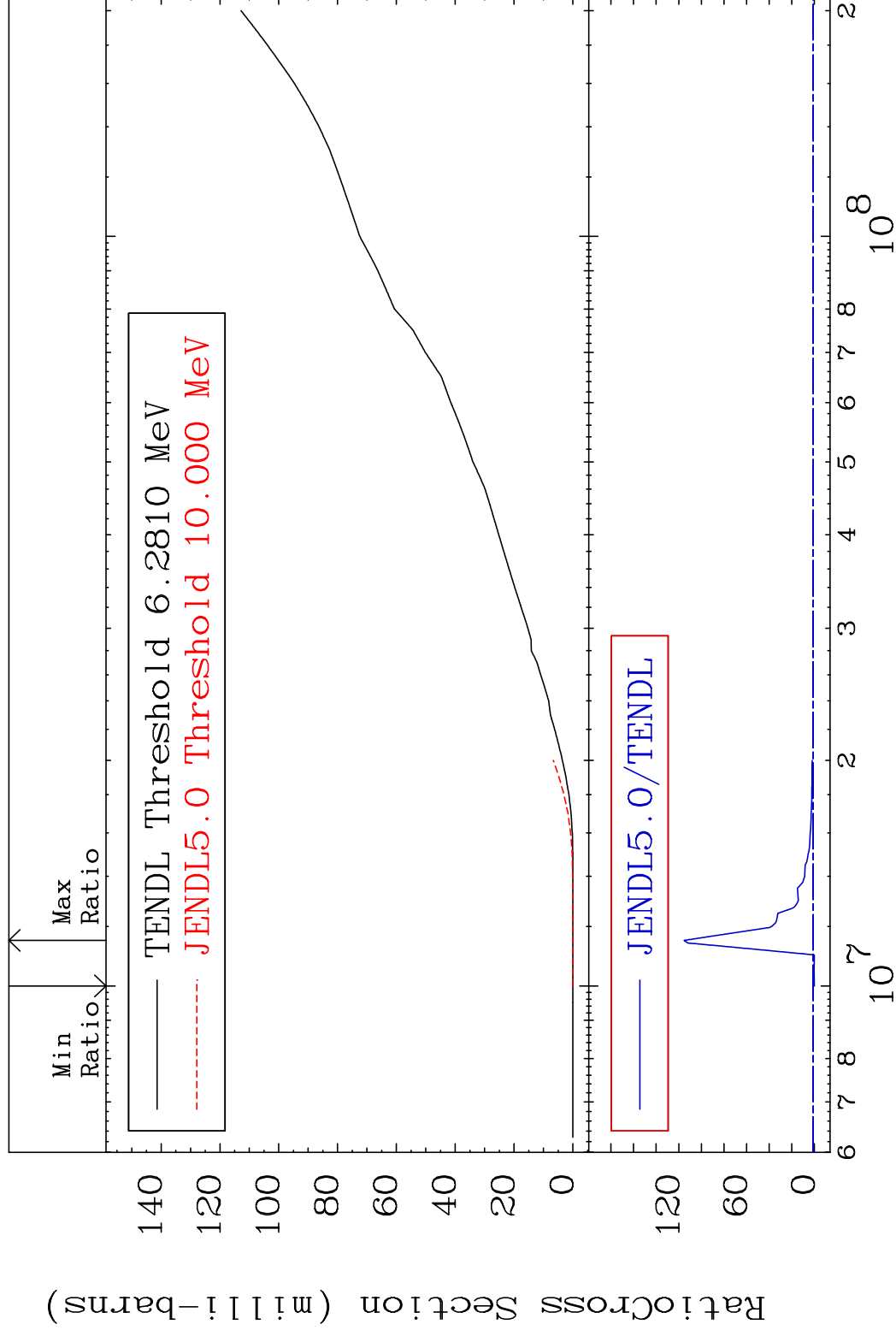


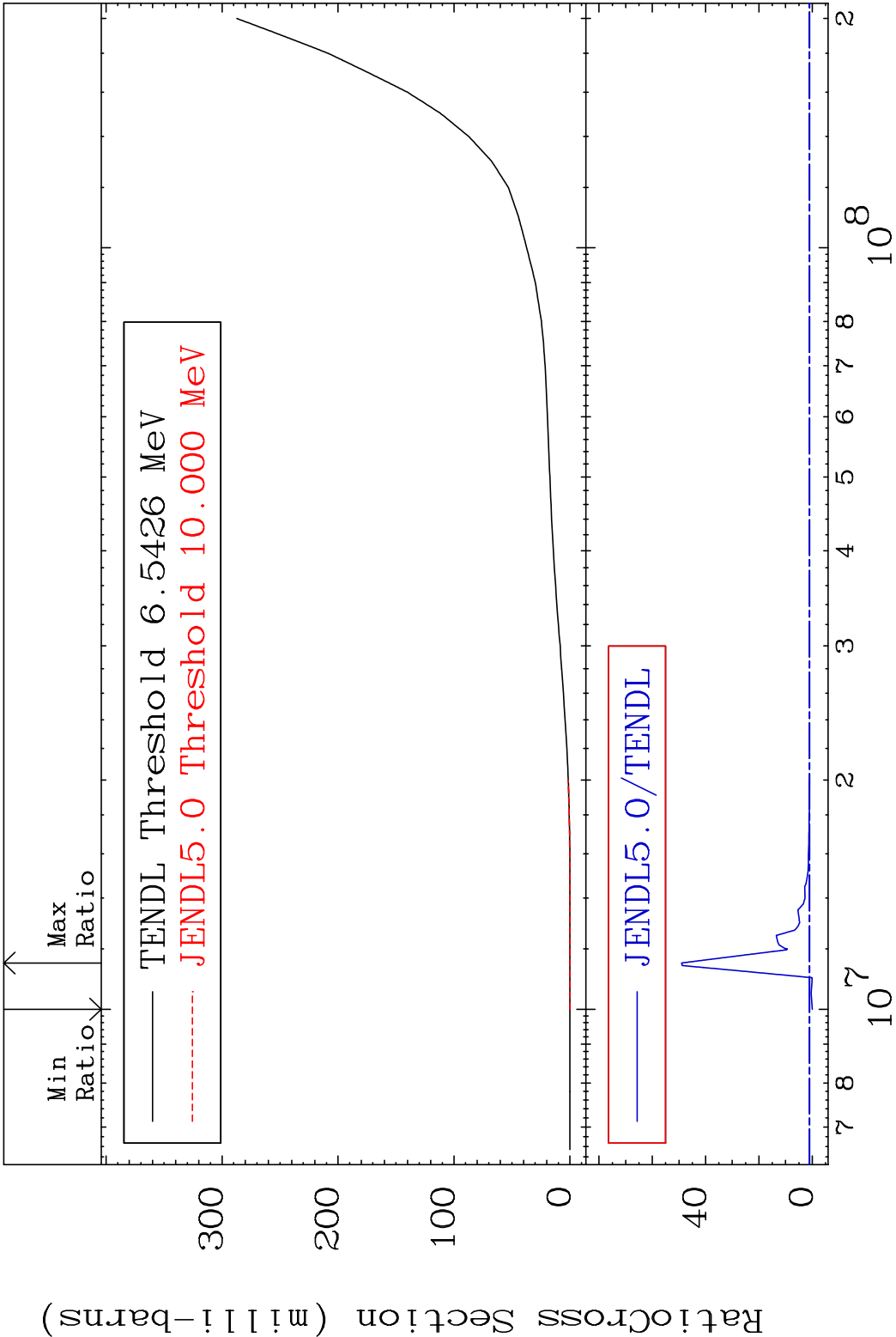
MAT 7049

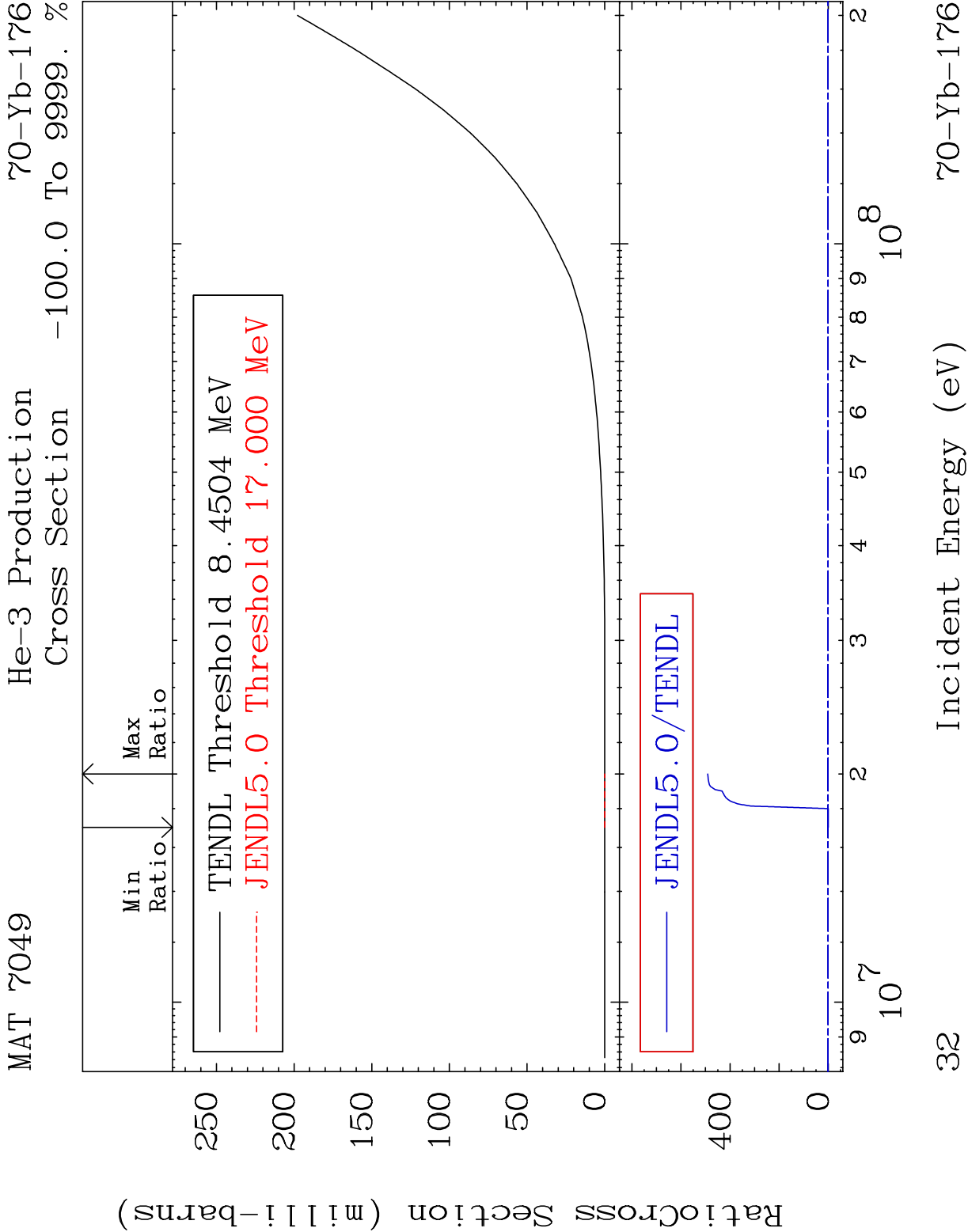
Deuterium Production

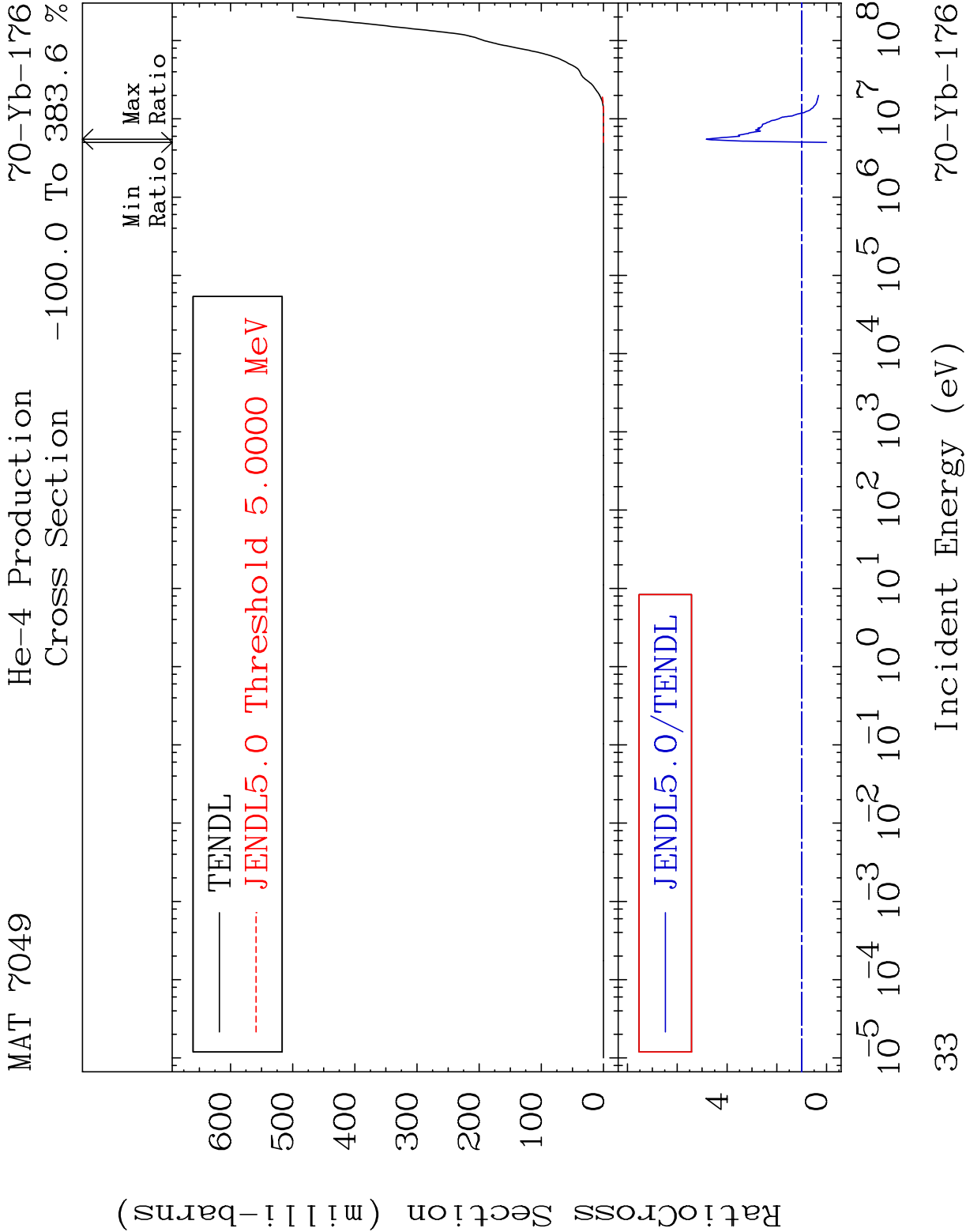
70-Yb-176

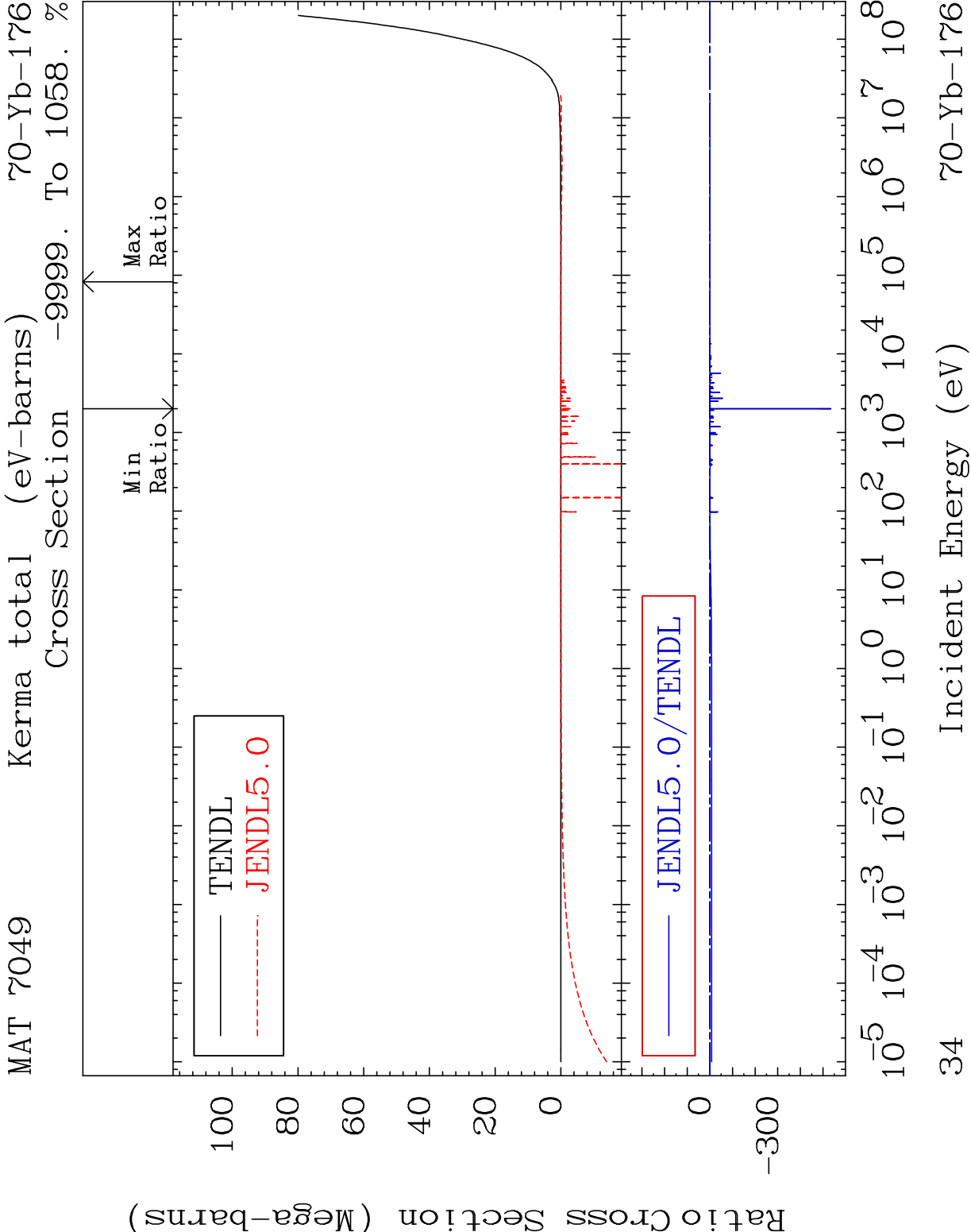
Cross Section -100.0 To 9999. %









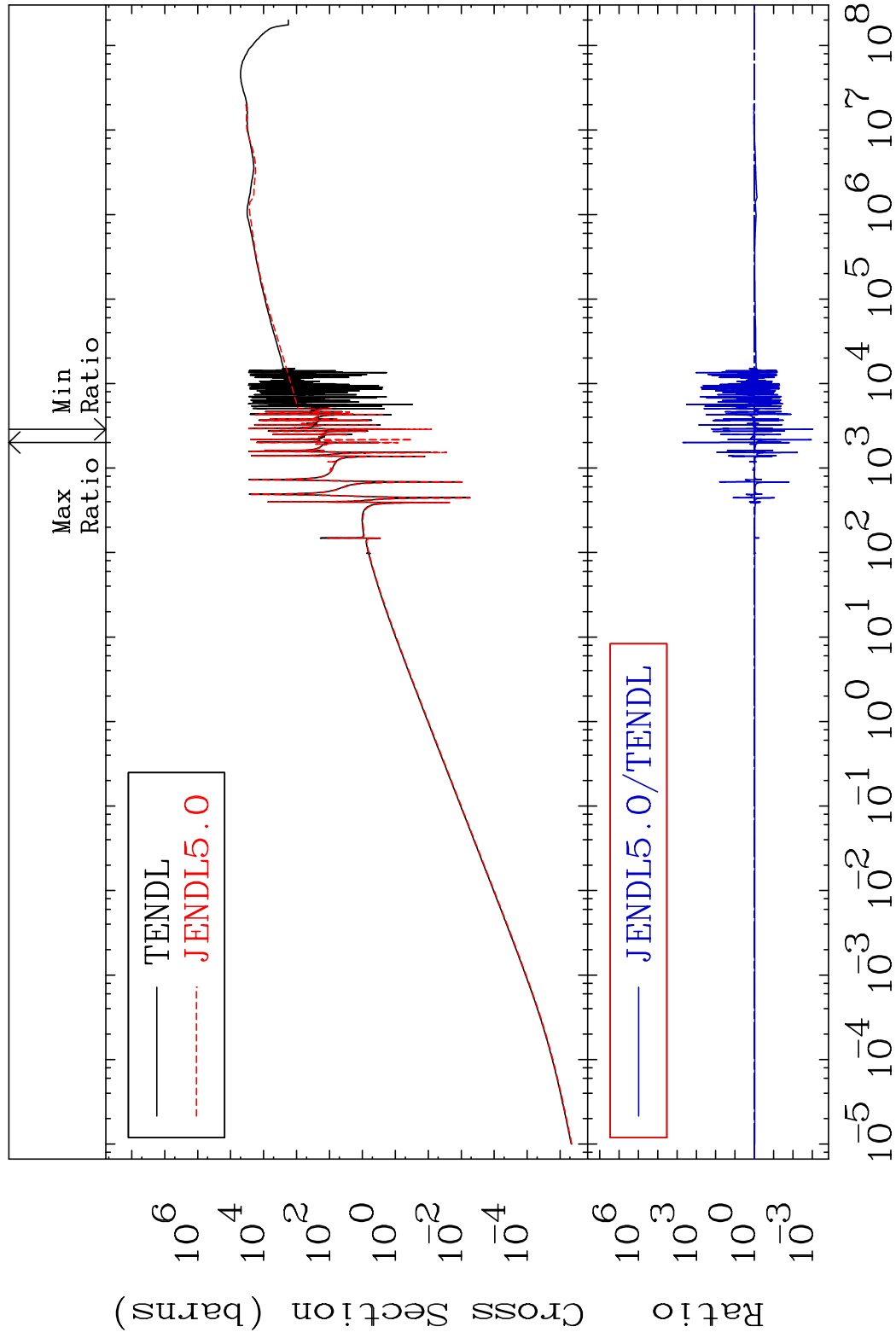


MAT 7049

Kerma elastic

70-Yb-176

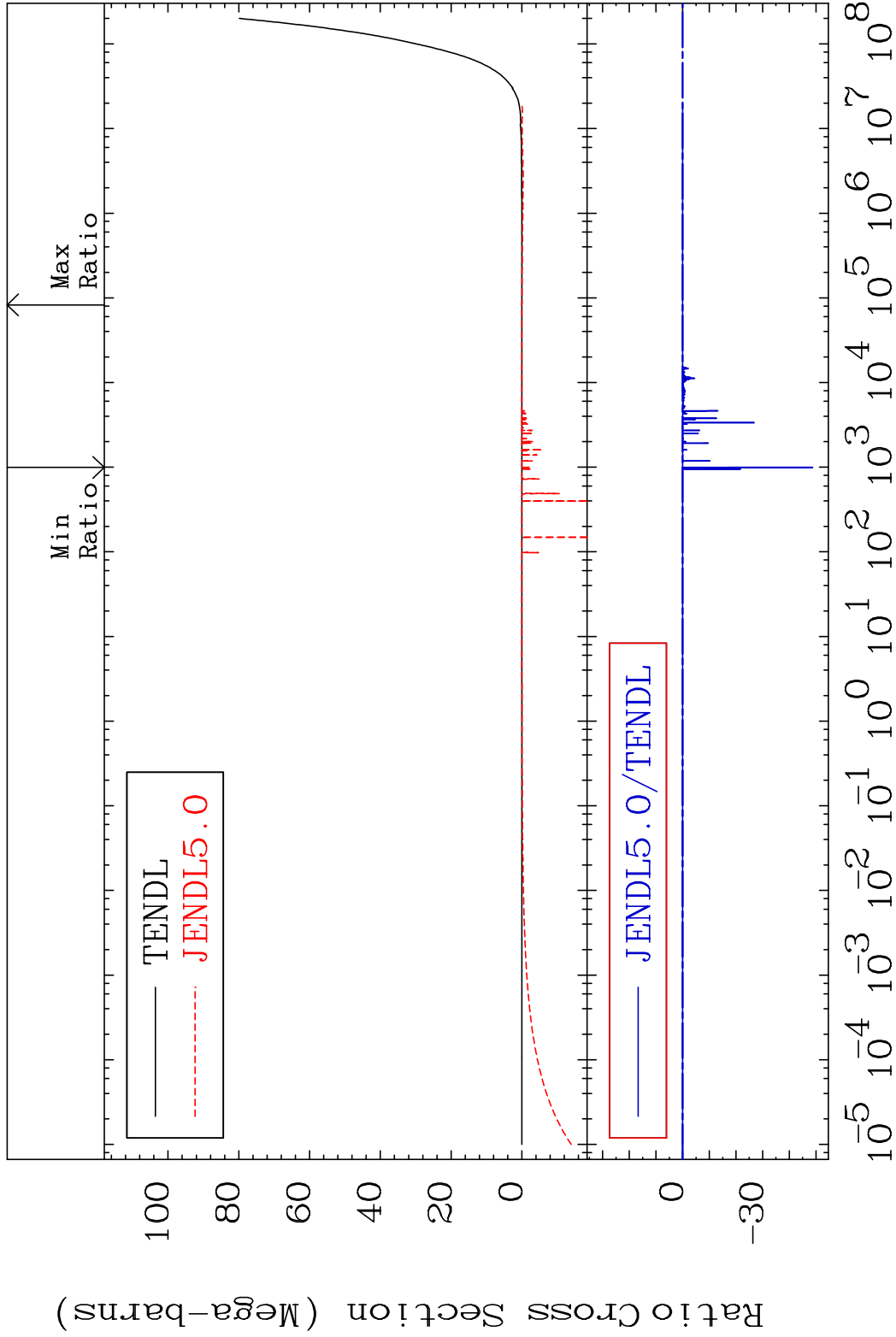
Cross Section -99.90 To 9999. %

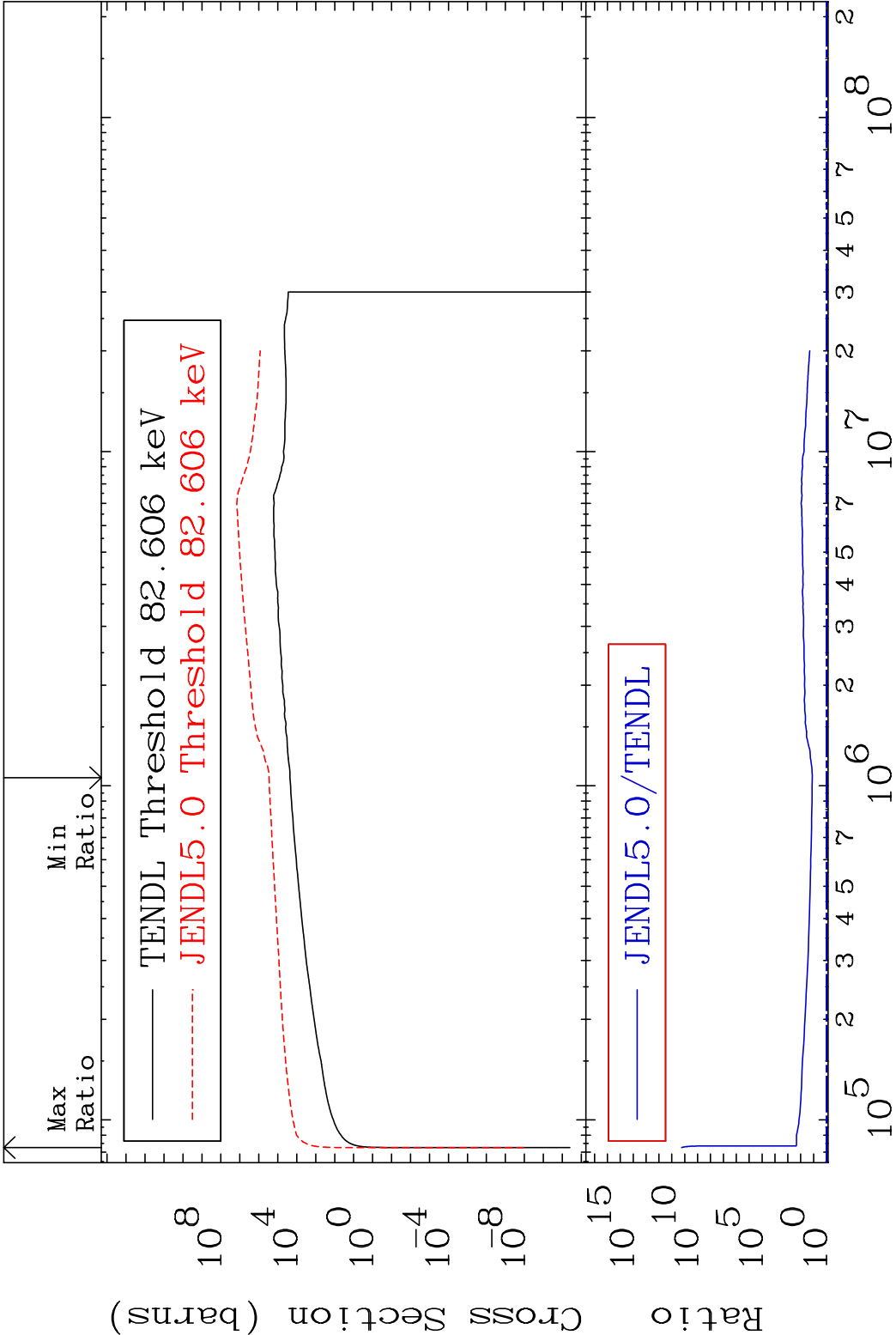


35

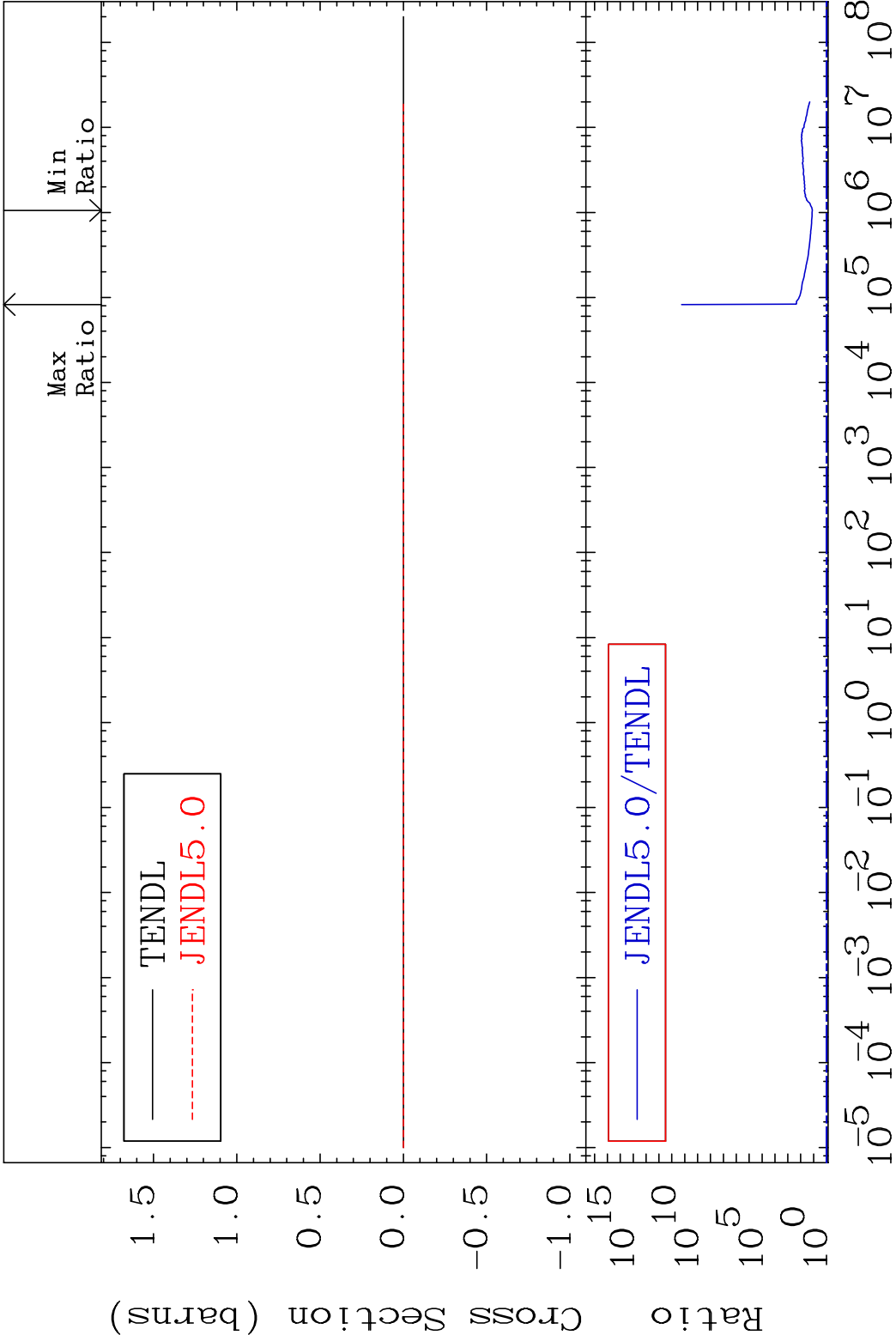
Incident Energy (eV)

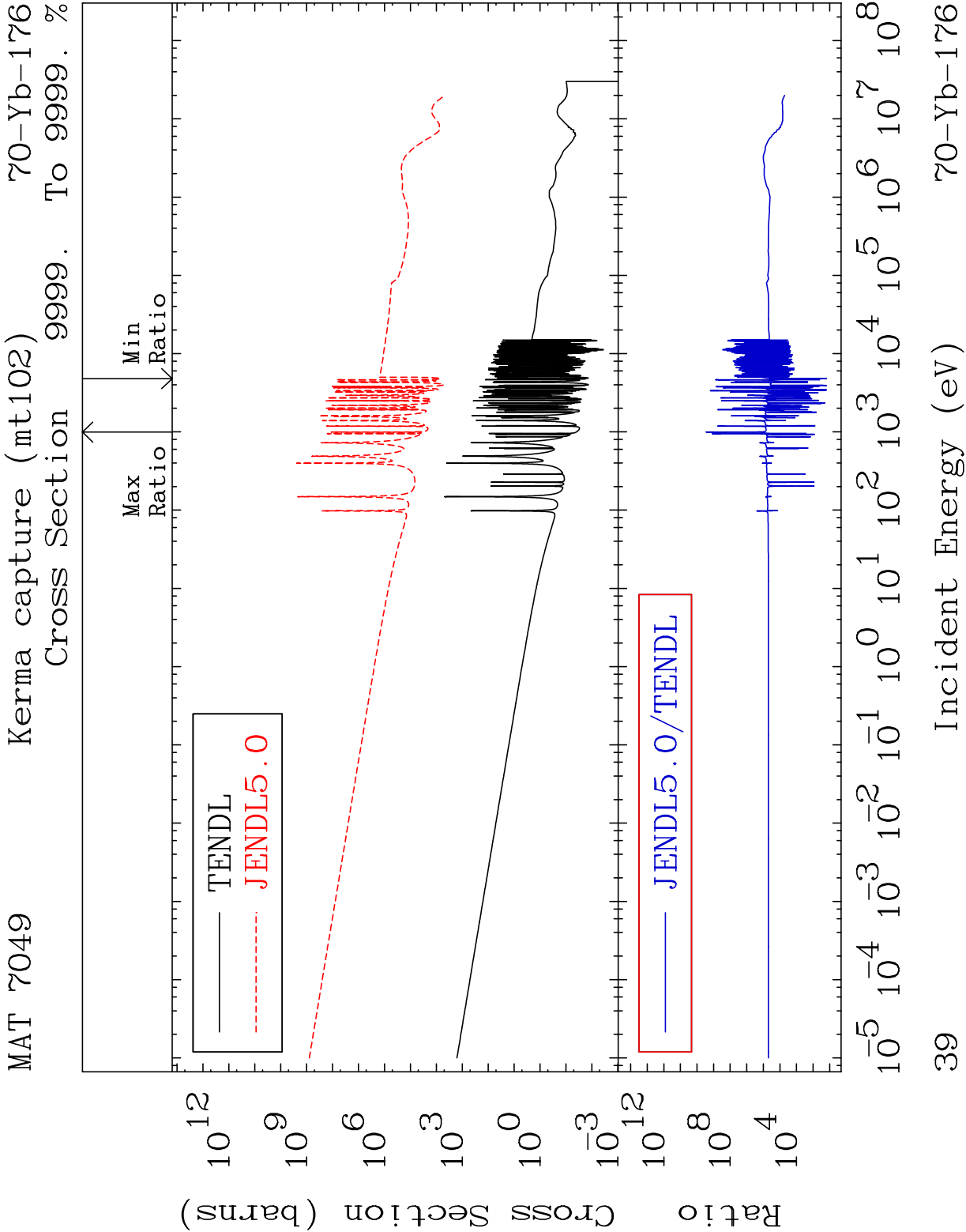
70-Yb-176

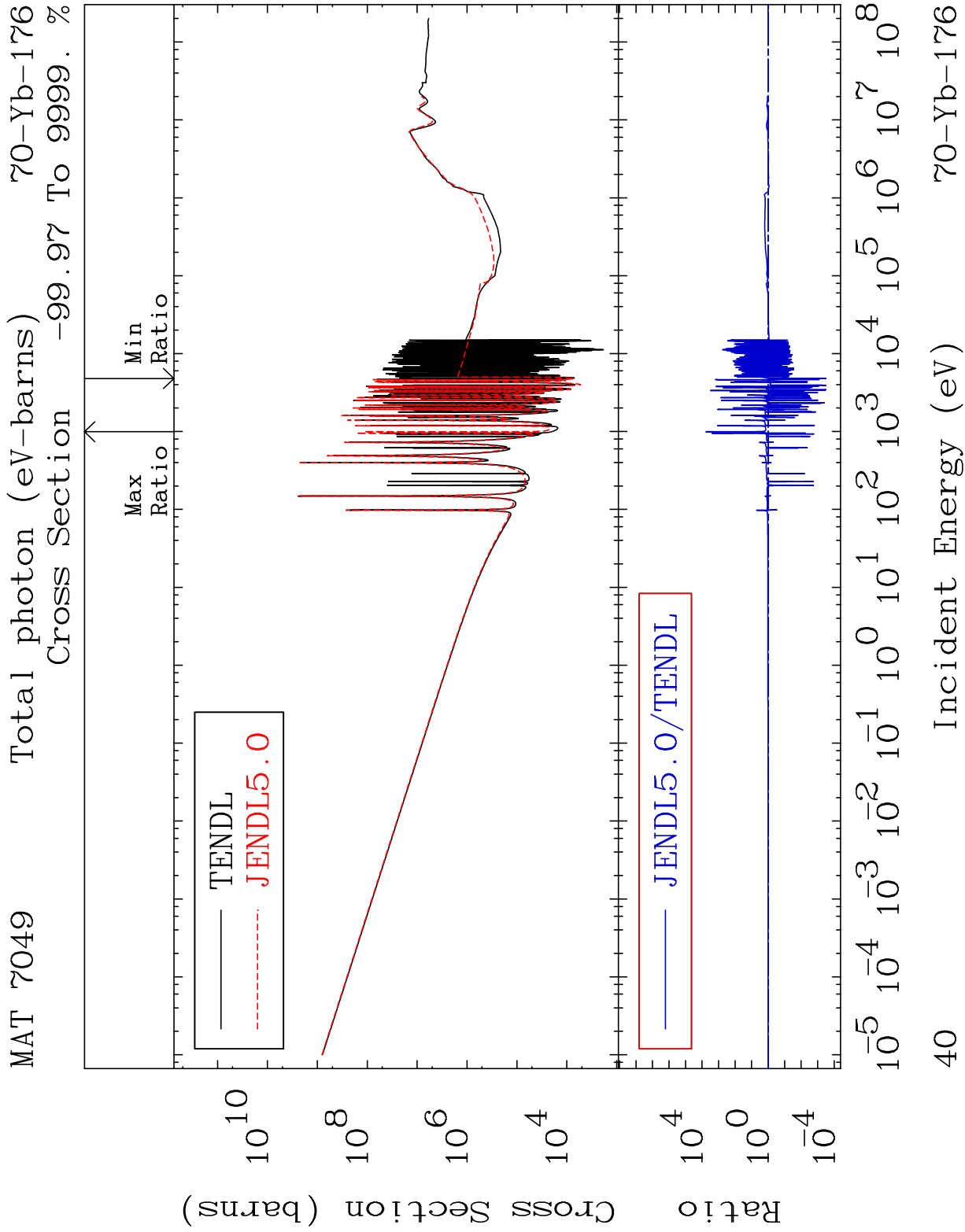




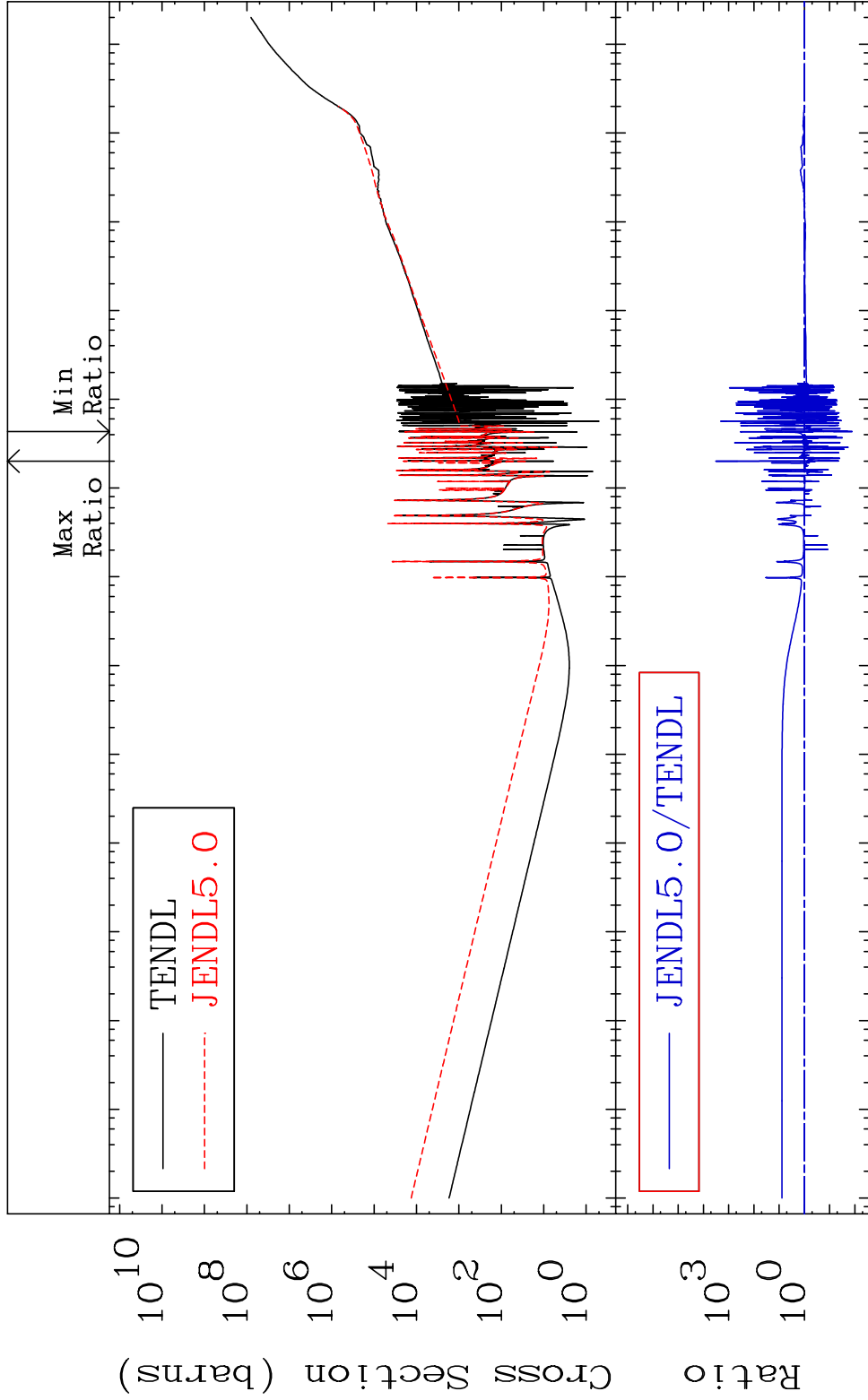
MAT 7049Kerma fission (mt18 or mt19-20-21-38)70-Yb-176
Cross Section 1177. To 9999. %







MAT 7049 Total kinematic kerma (high limit) 70-Yb-176
Cross Section -98.73 To 9999. %



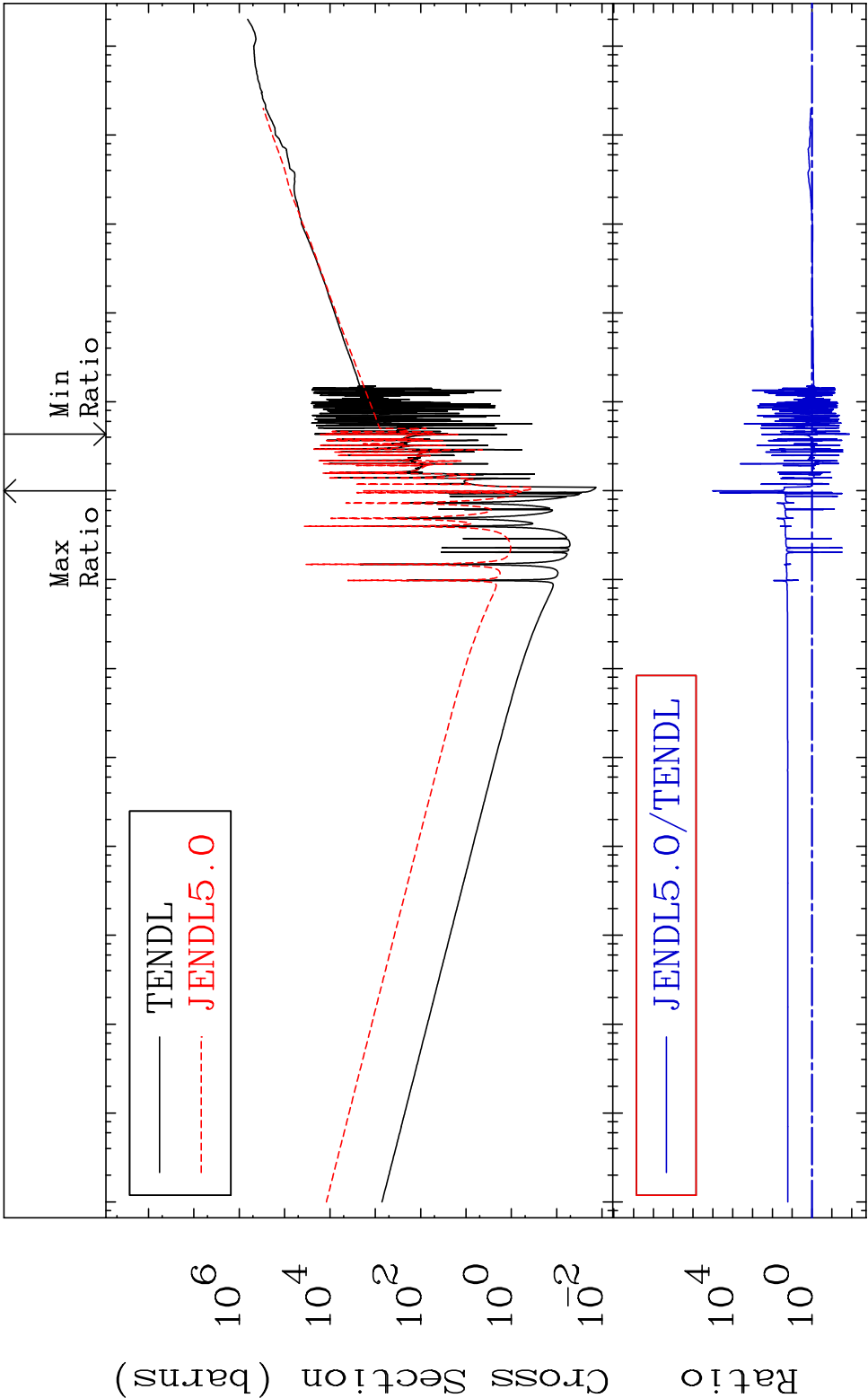
JENDL5.0/TENDL

Ratio
10³
10⁰

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

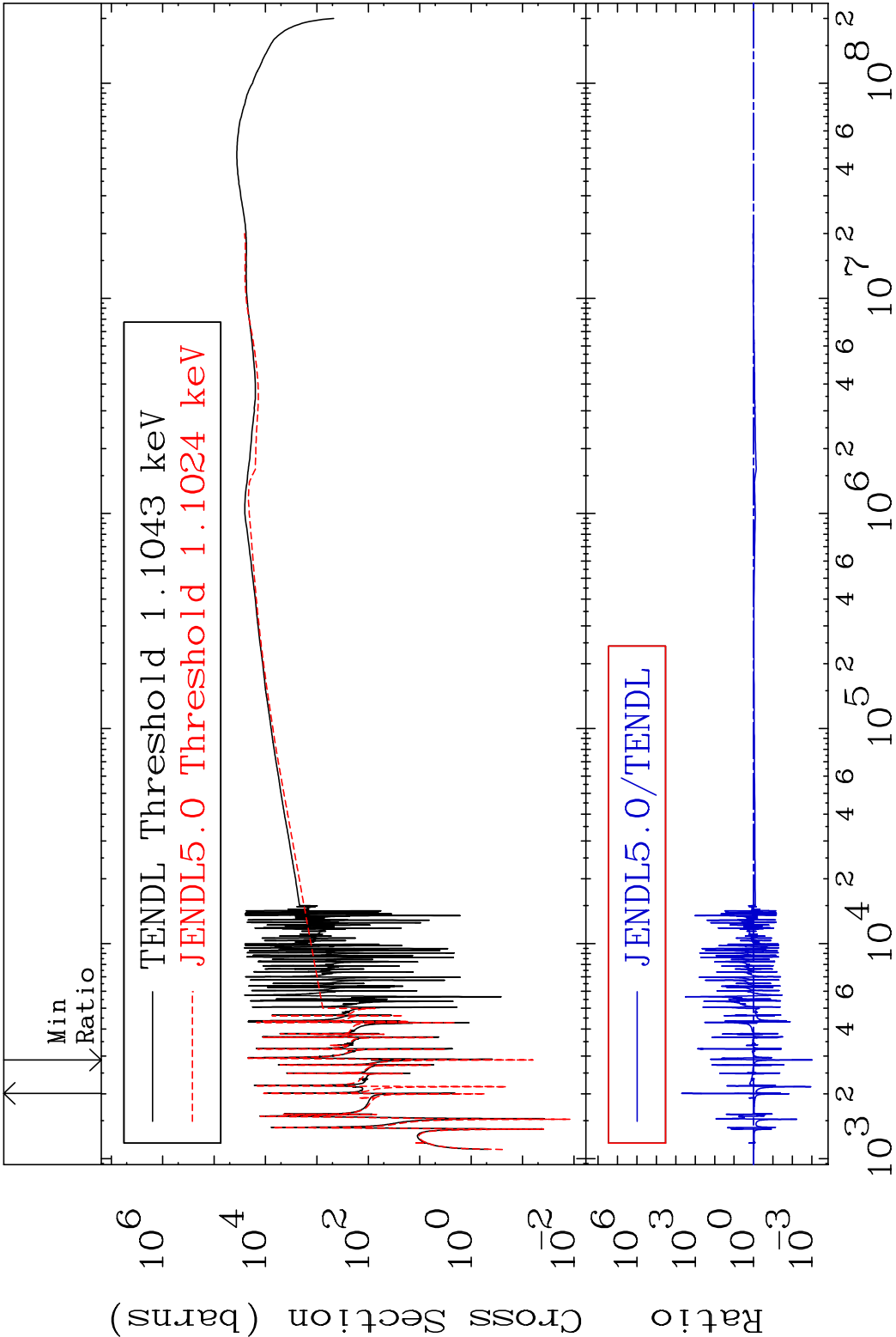
41 Incident Energy (eV) 70-Yb-176

MAT 7049 Dpa total (eV-barns) 70-Yb-176
Cross Section -98.71 To 9999. %



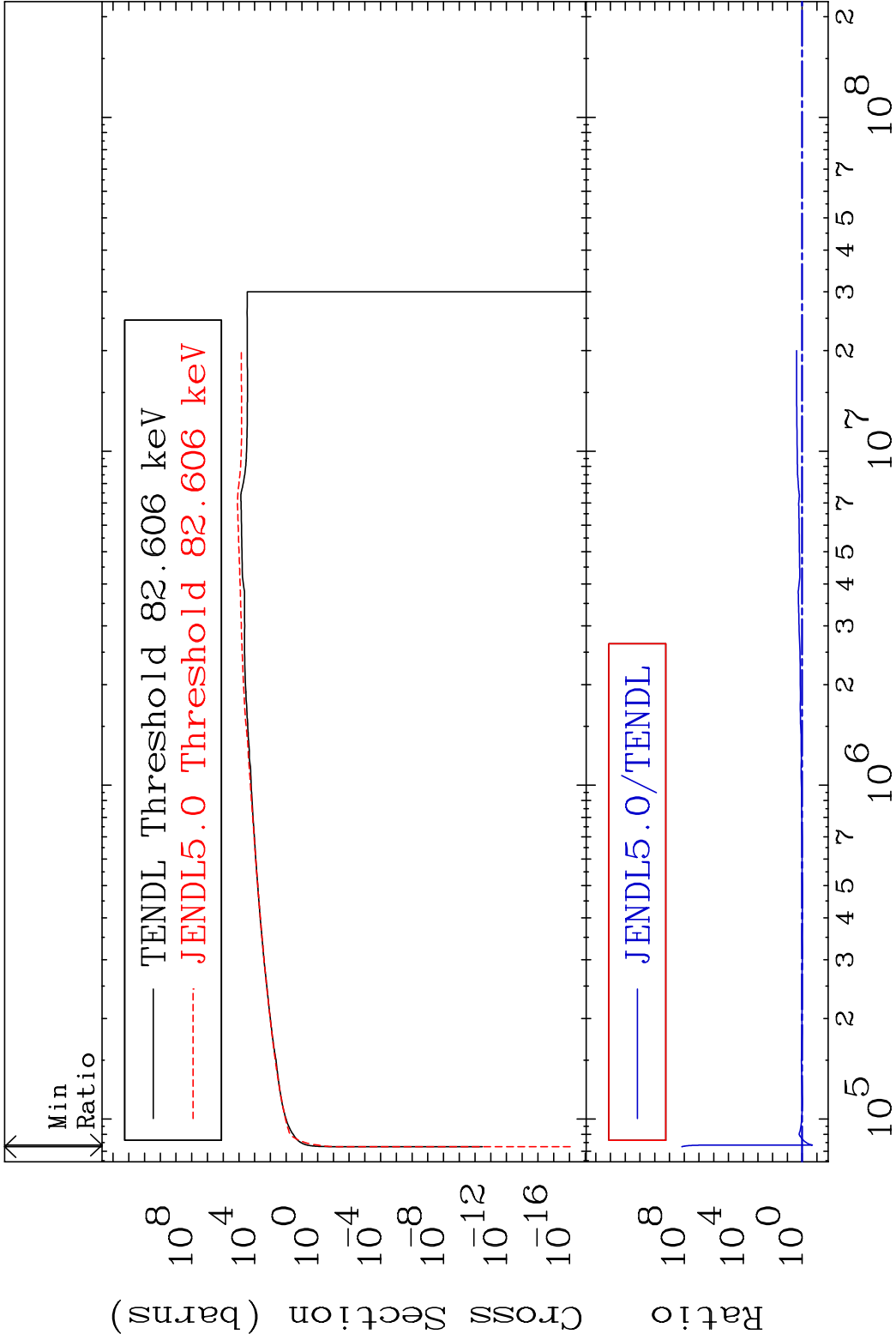
42 Incident Energy (eV) 70-Yb-176

MAT 7049 Dpa elastic (mt2) 70-Yb-176
 Cross Section -99.90 To 9999. %



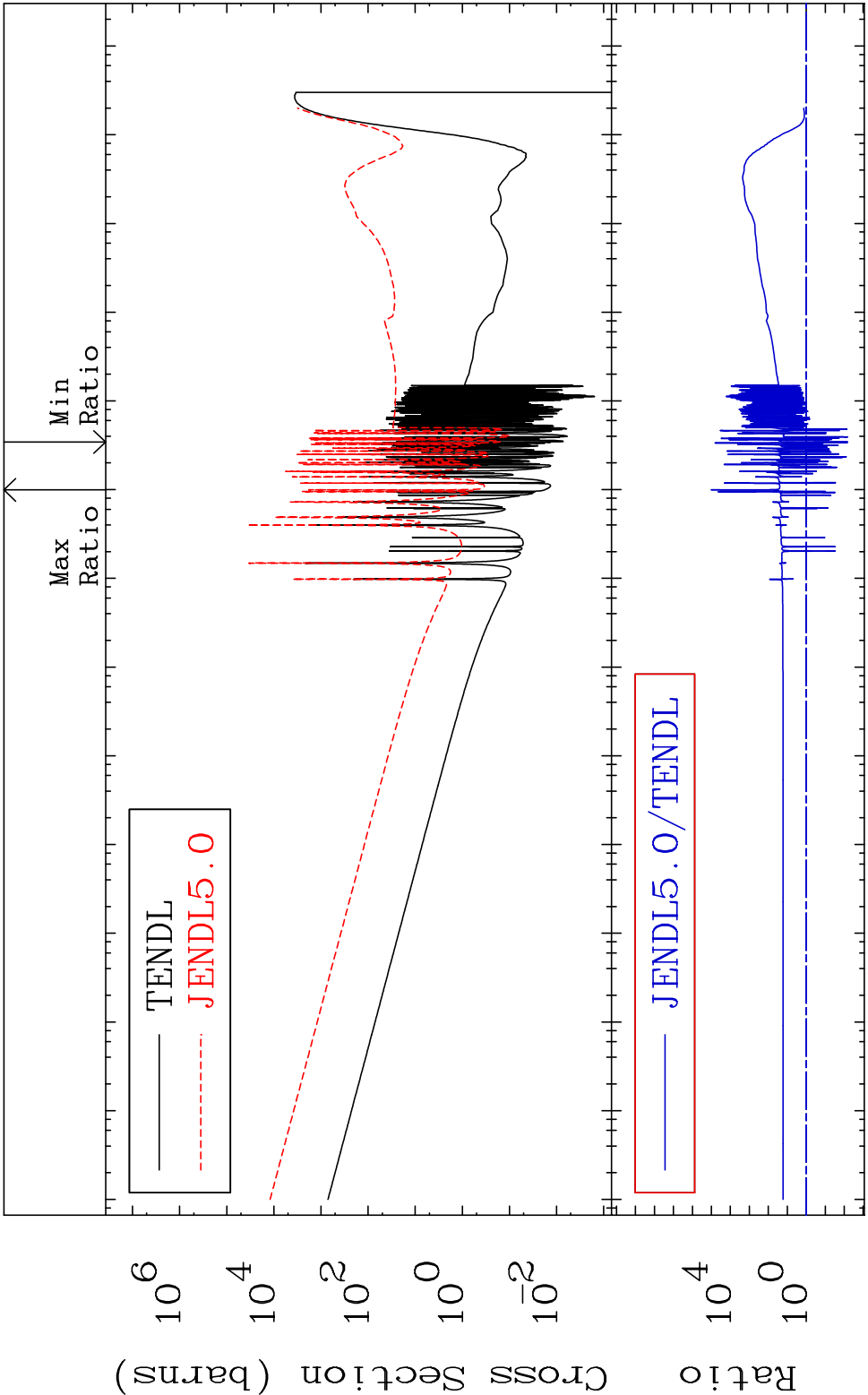
43 Incident Energy (eV) 70-Yb-176

MAT 7049 Dpa inelastic (mt51-91) 70-Yb-176
Cross Section -79.50 To 9999. %



44 Incident Energy (eV) 70-Yb-176

MAT 7049 Dpa disappearance (mt102 -120) 70-Yb-176
Cross Section -99.35 To 9999. %



45 Incident Energy (eV) 70-Yb-176