

Program Complot
(Version 2021-1)

by

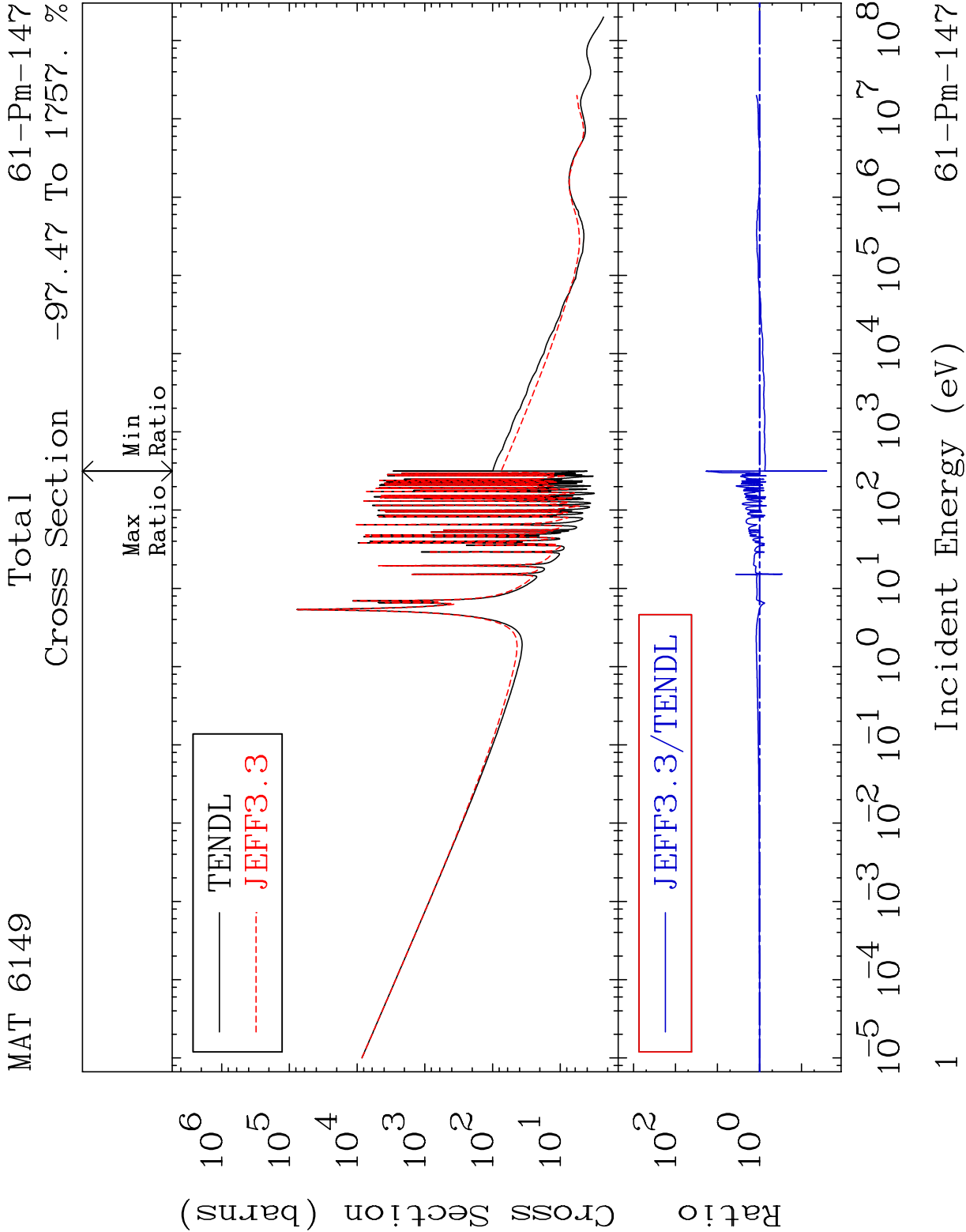
Dermott E. Cullen
(Present Contact Information)

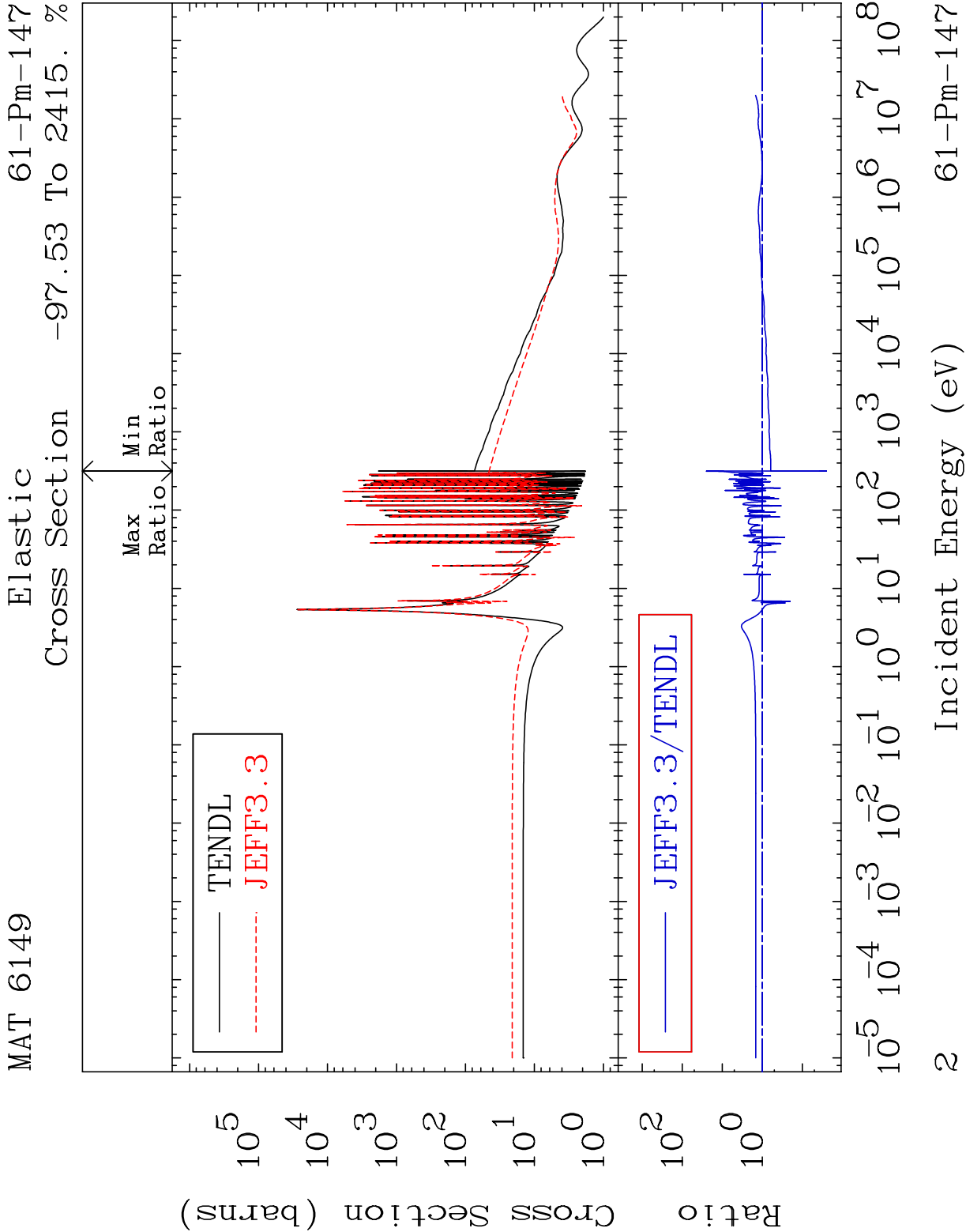
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

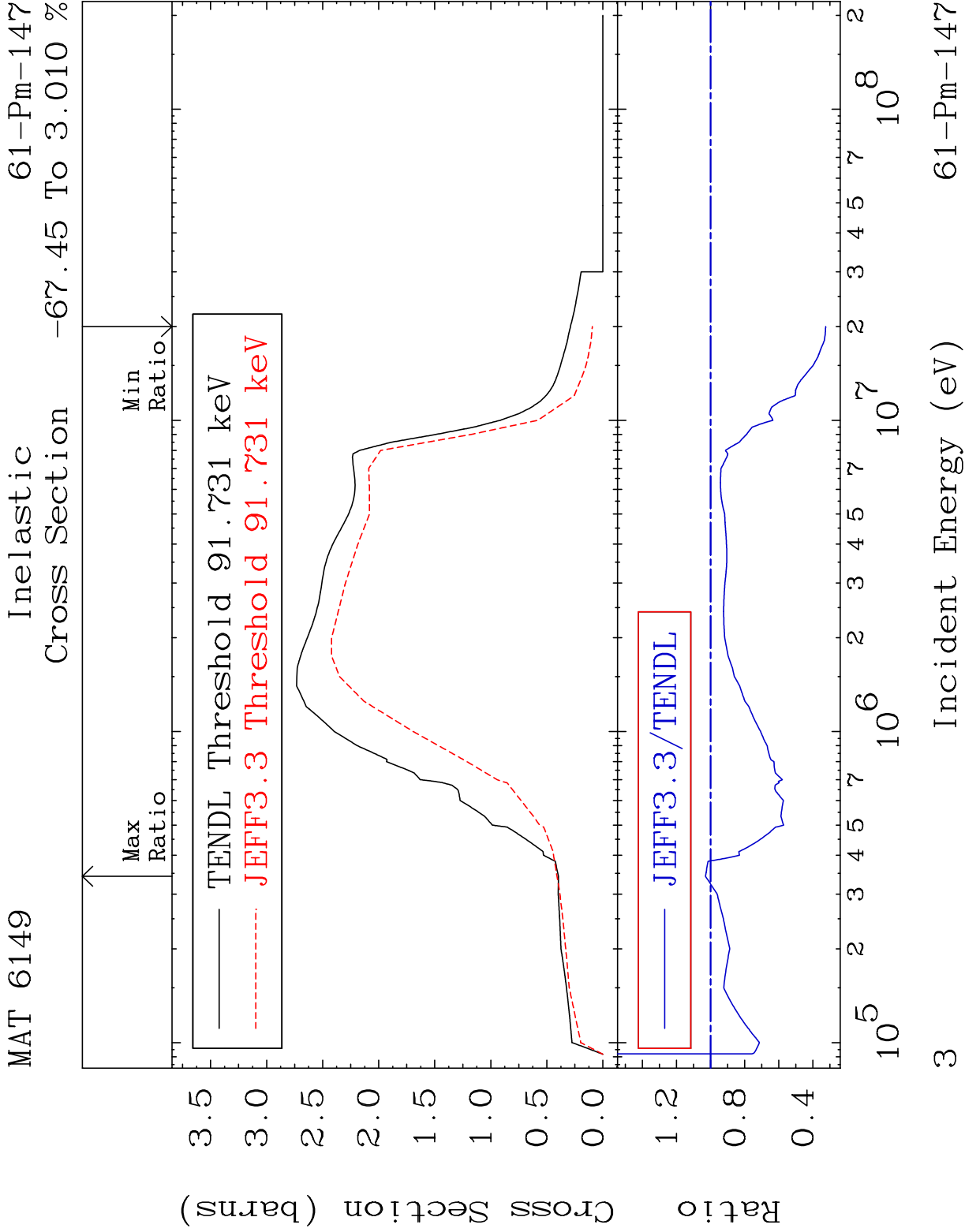
Tele: 925-443-1911

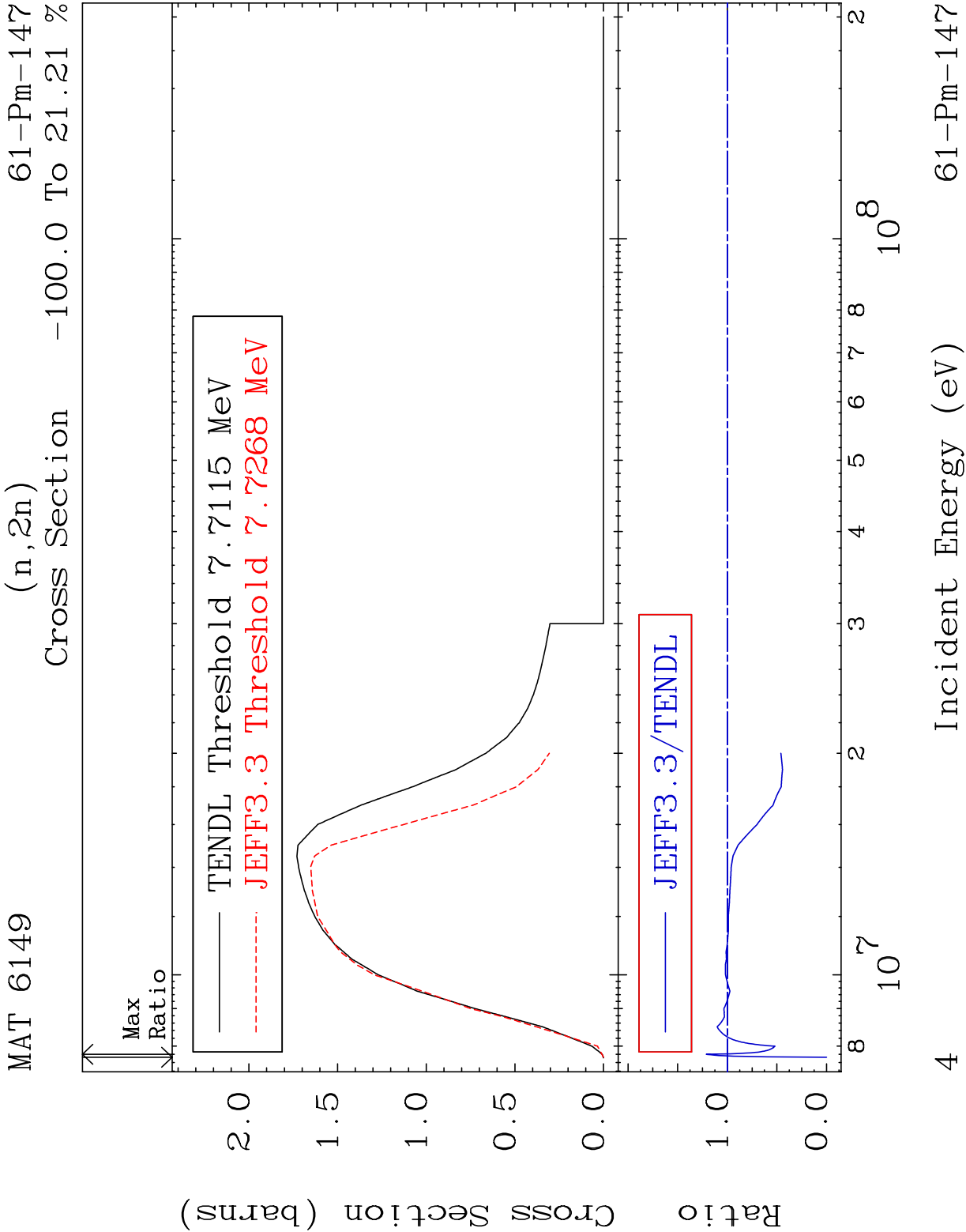
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

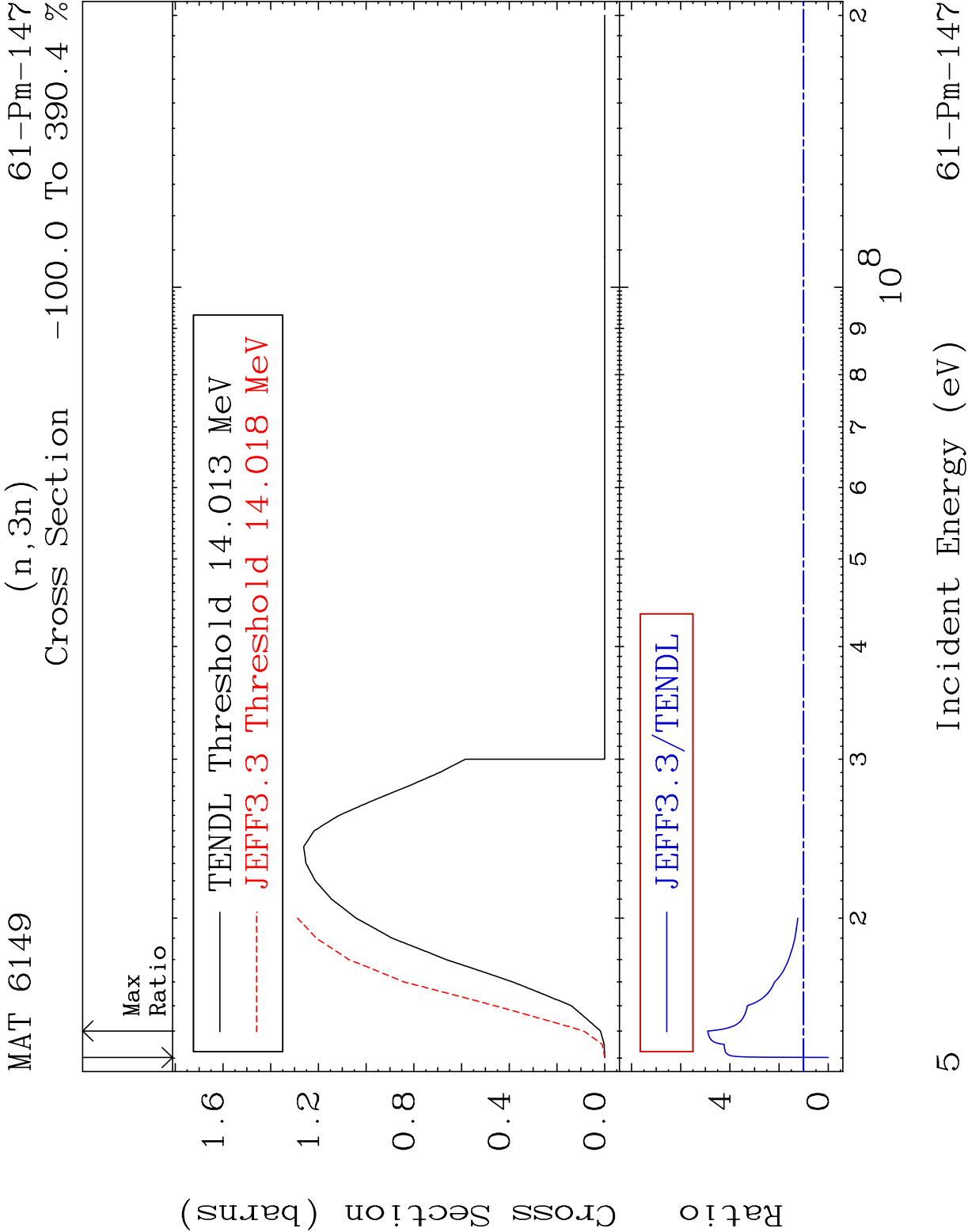
Press Mouse Button to Start

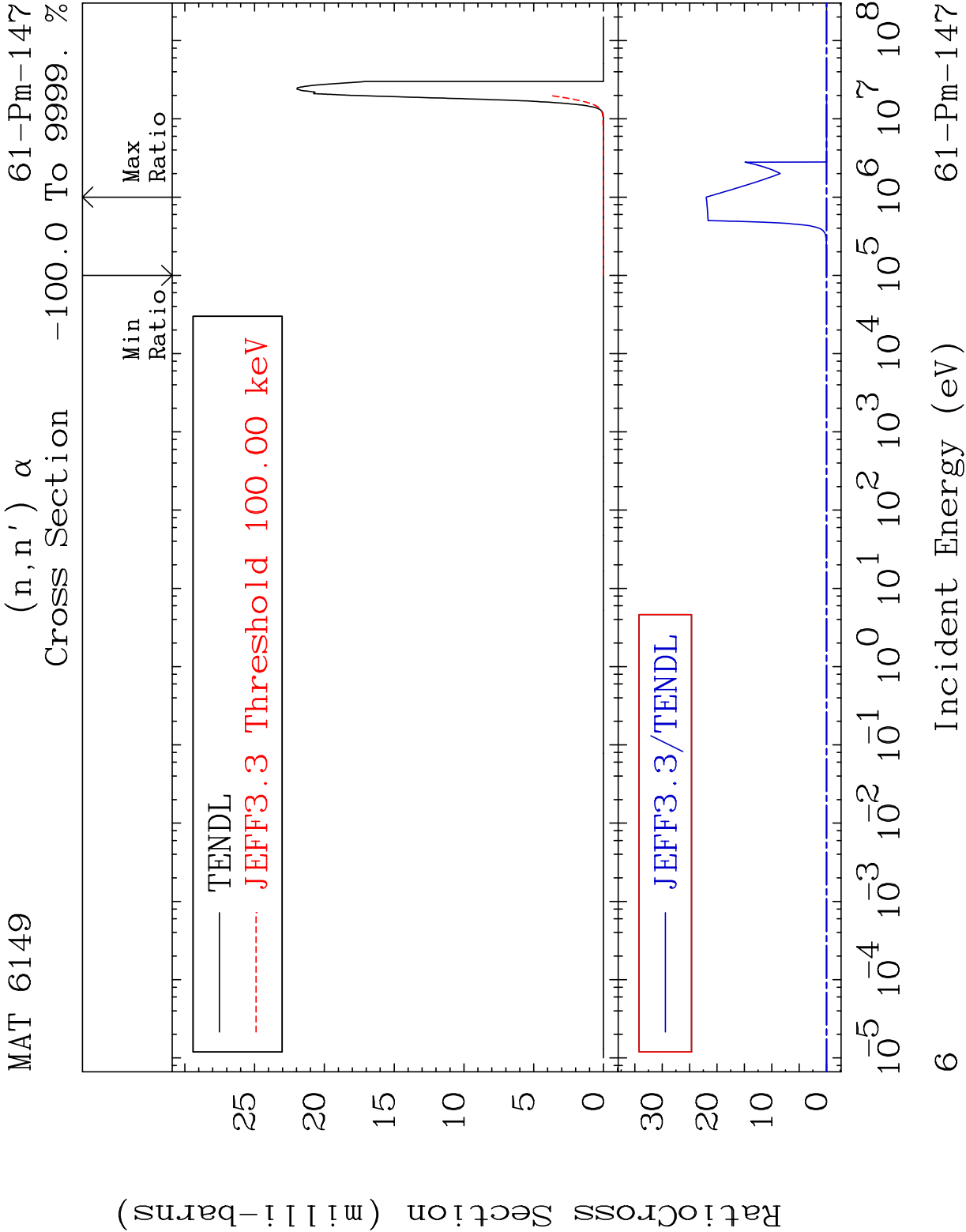


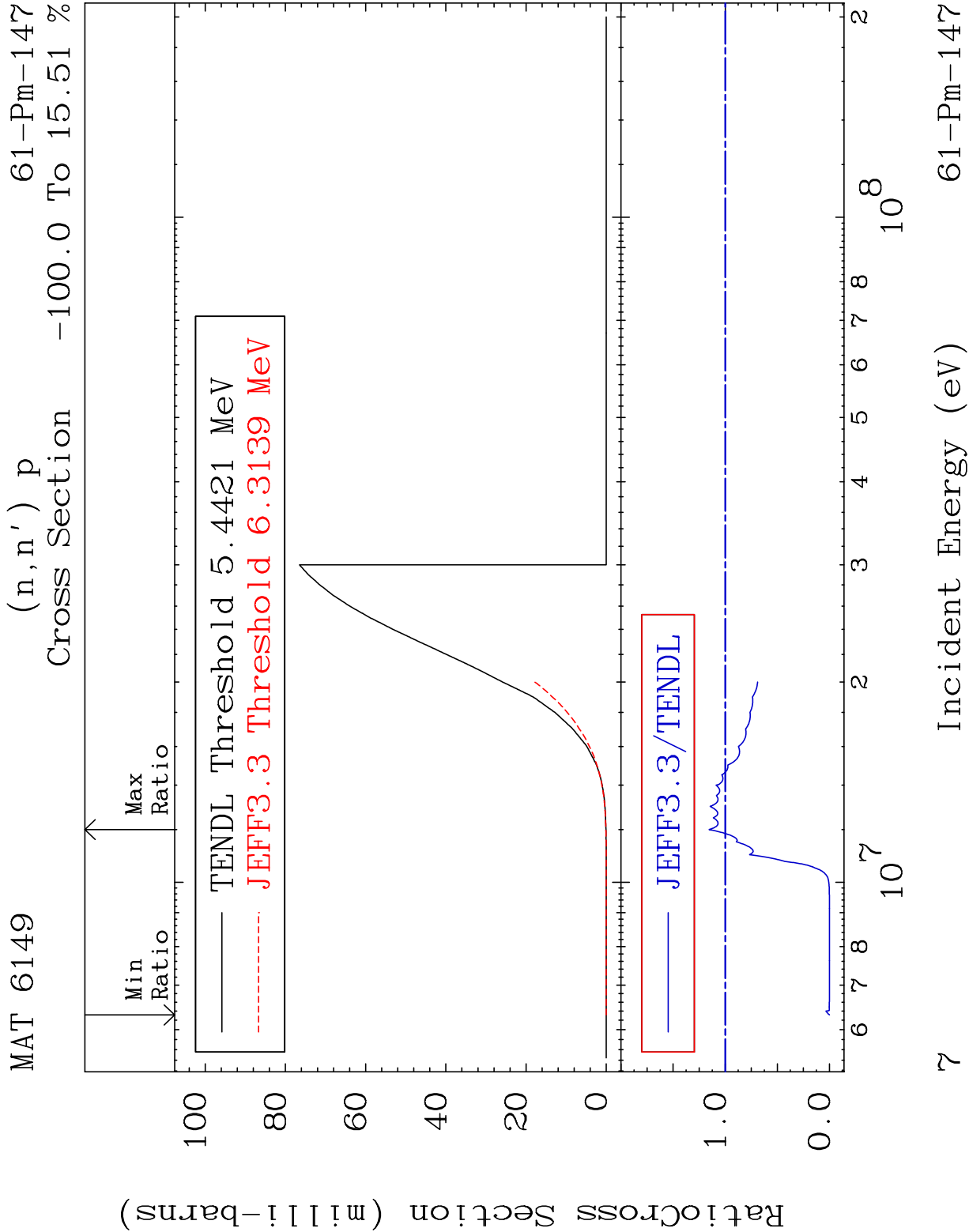










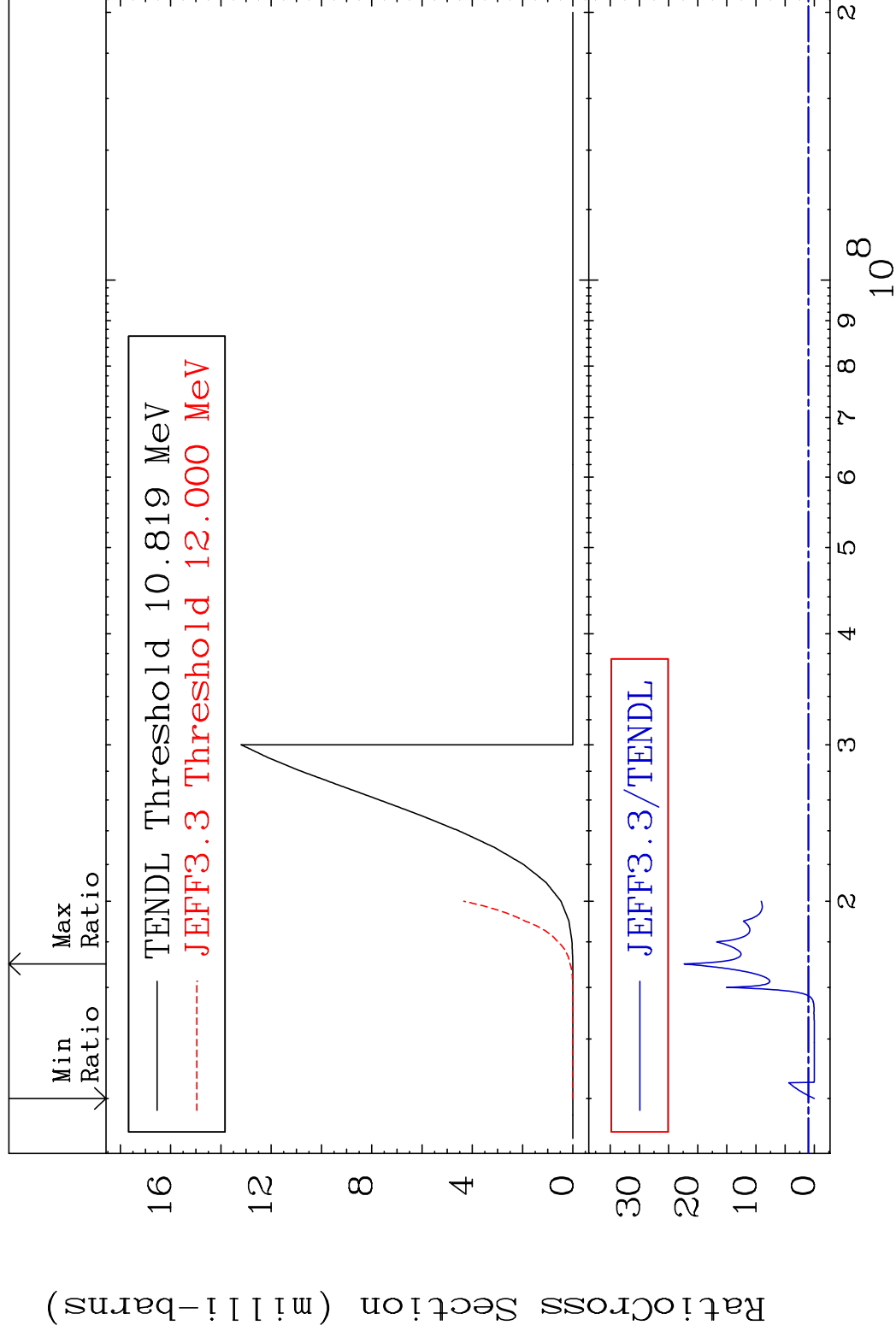


MAT 6149

$$(n, n') \text{ d}$$

61-Pm-147

Cross Section	-100.0 To 2134. %
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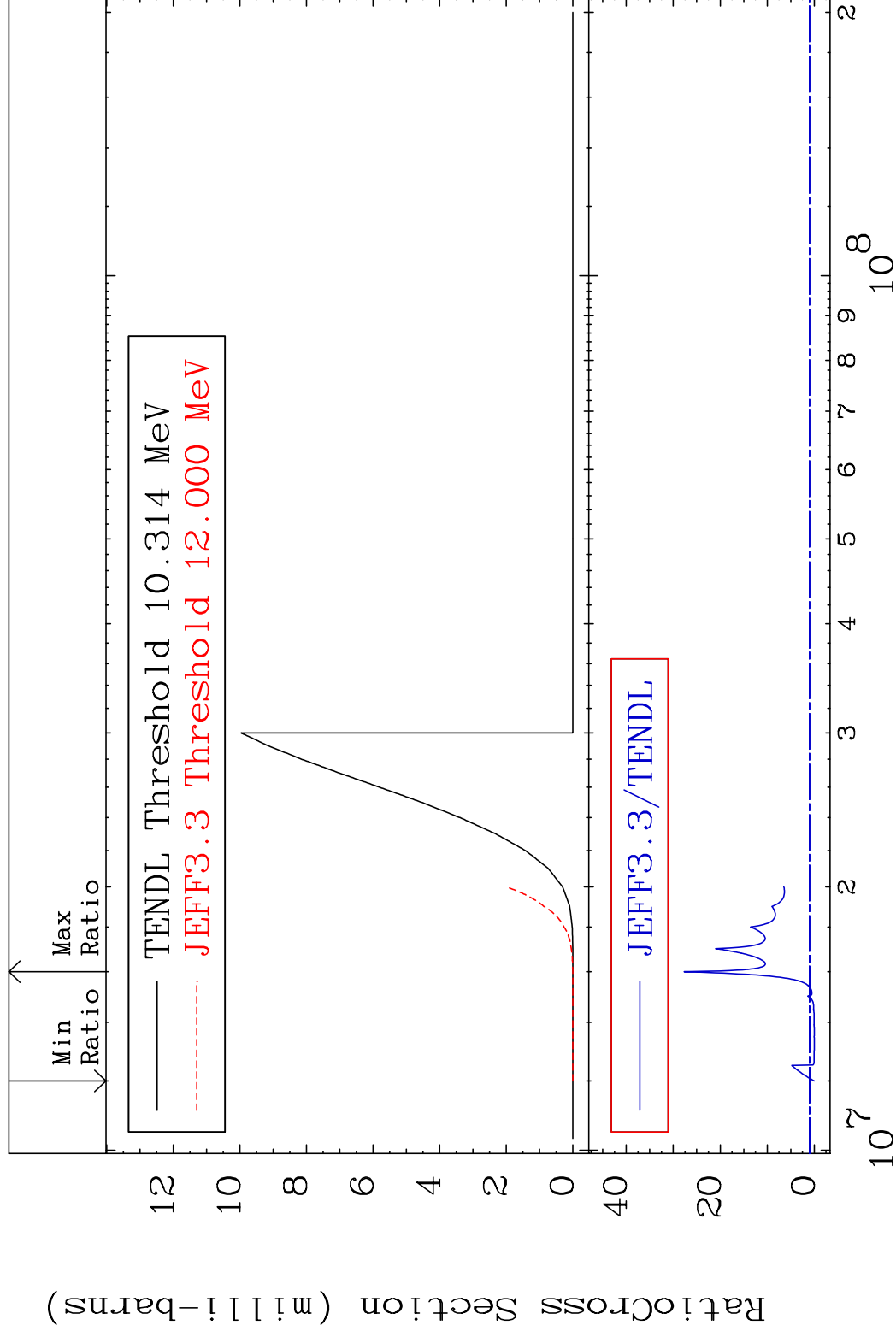


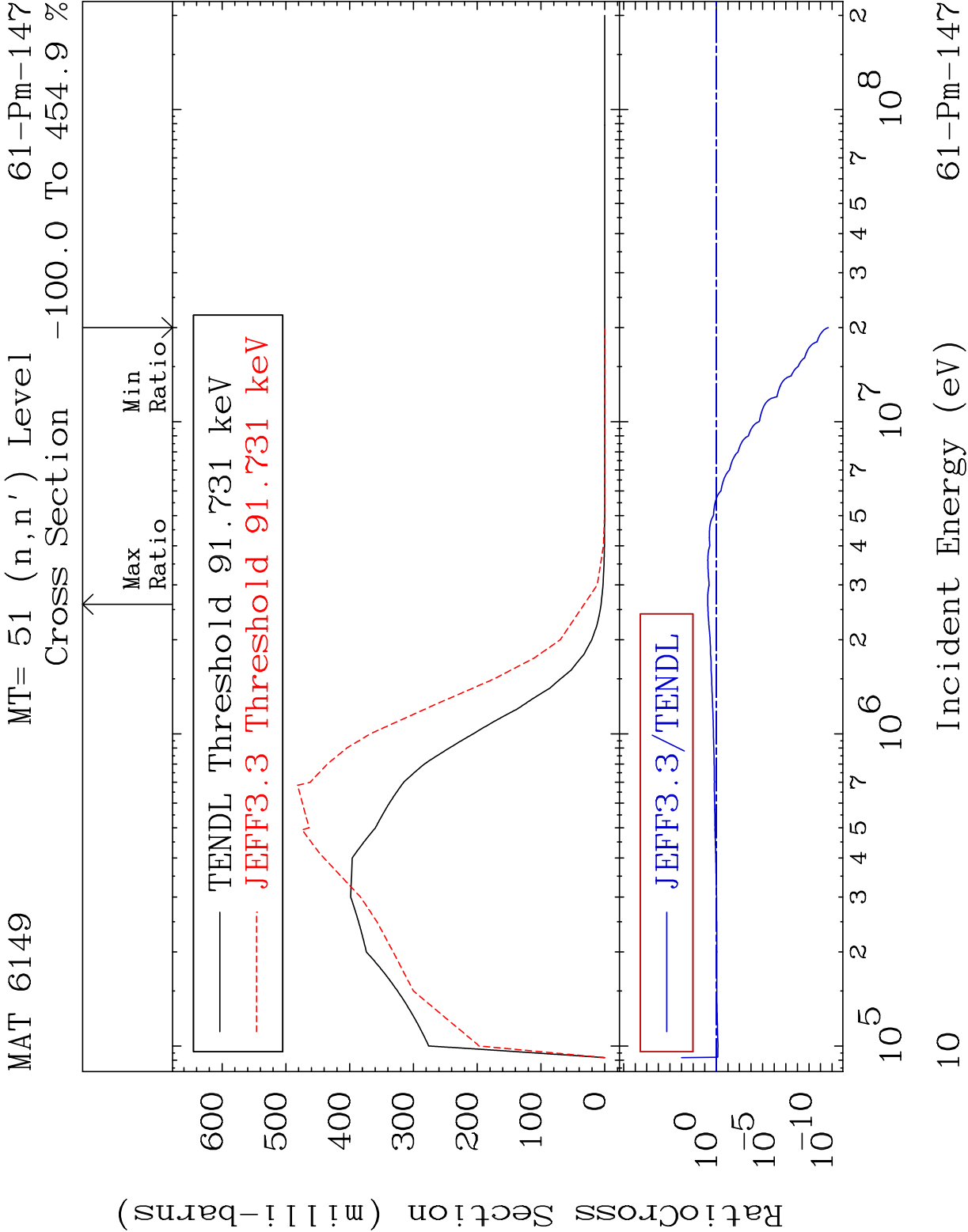
MAT 6149

$$(n, n')t$$

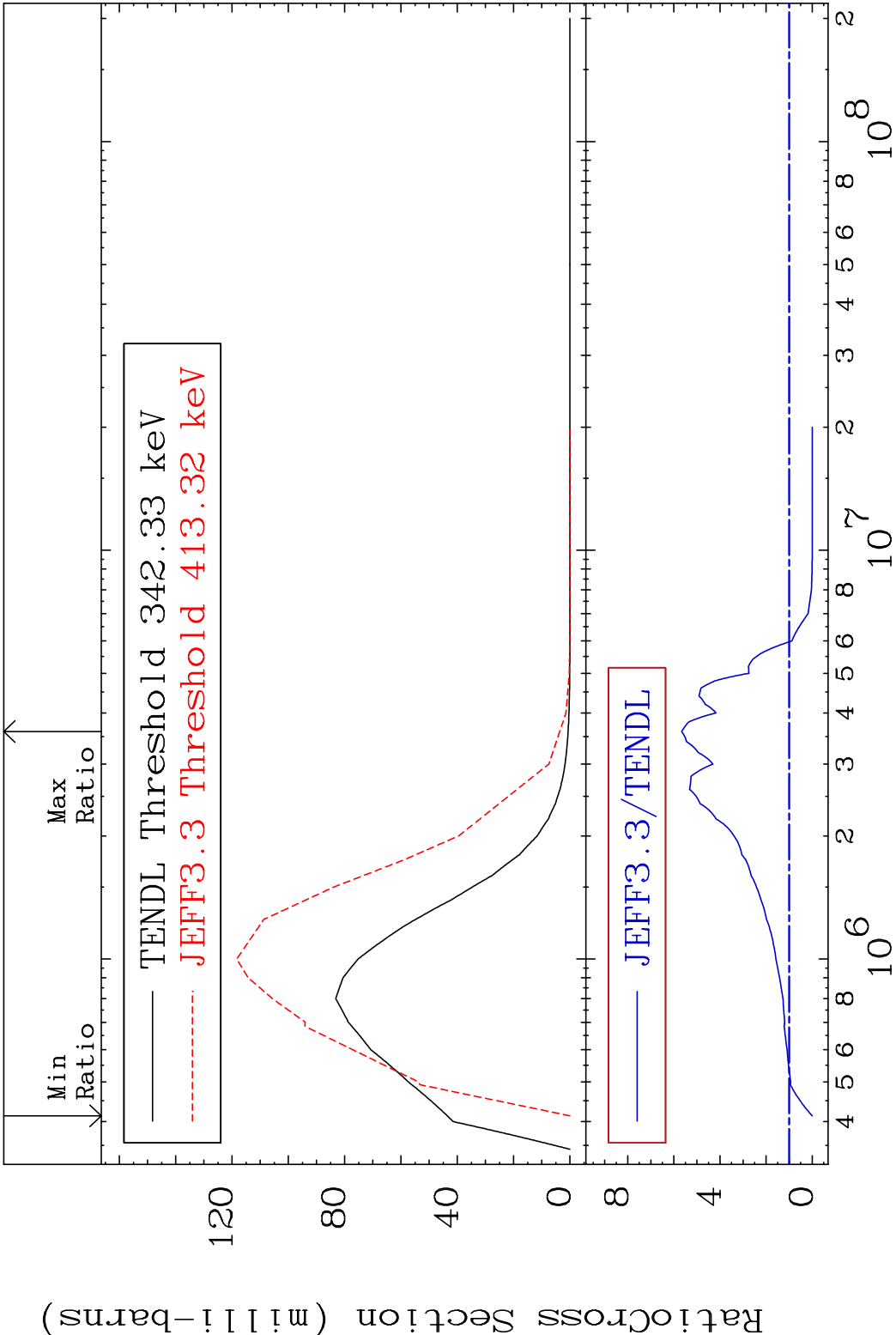
61-Pm-147

Cross Section -100.0 To 2670. %

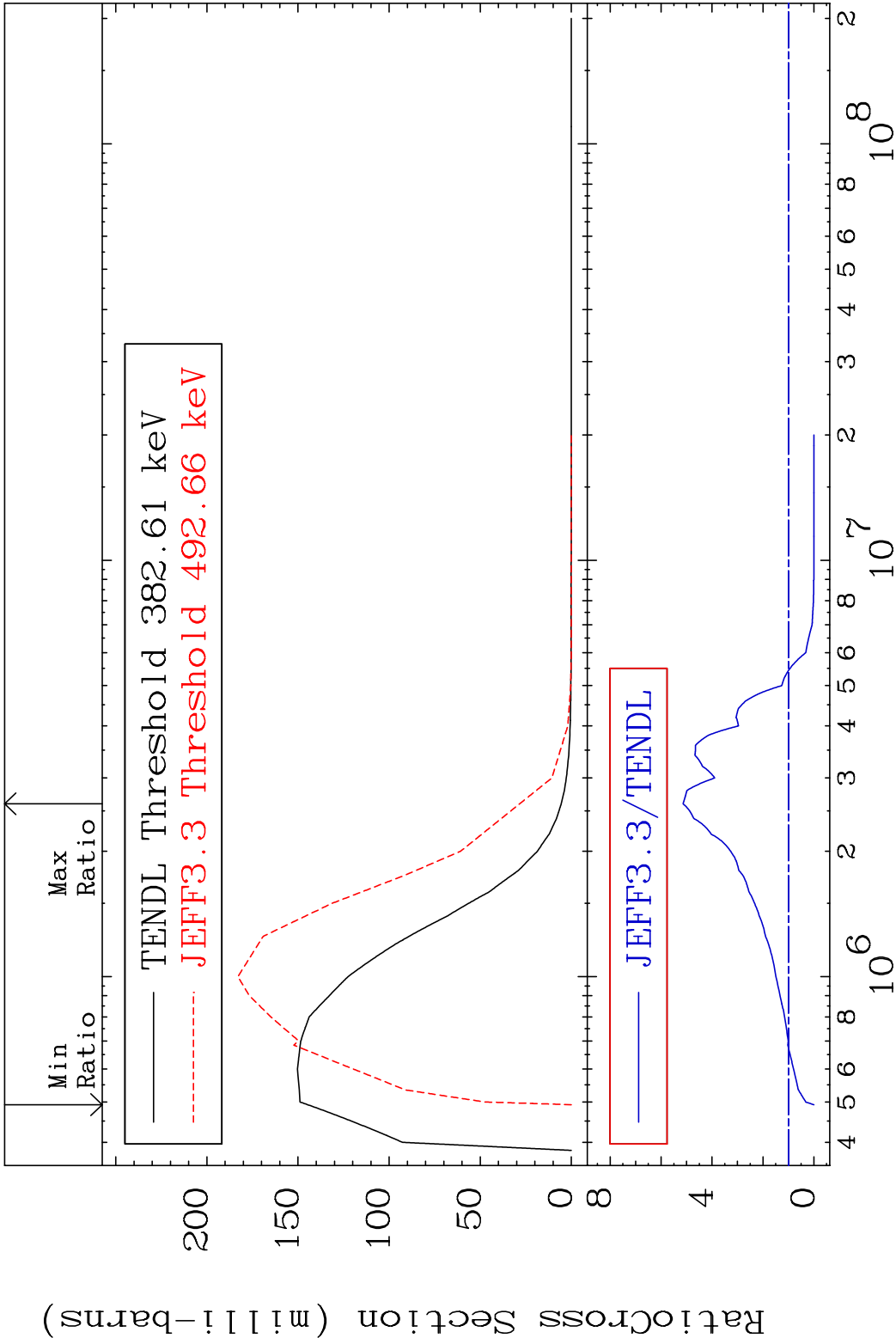




MAT 6149 MT= 52 (n,n') Level 61-Pm-147
 Cross Section -100.0 To 466.8 %

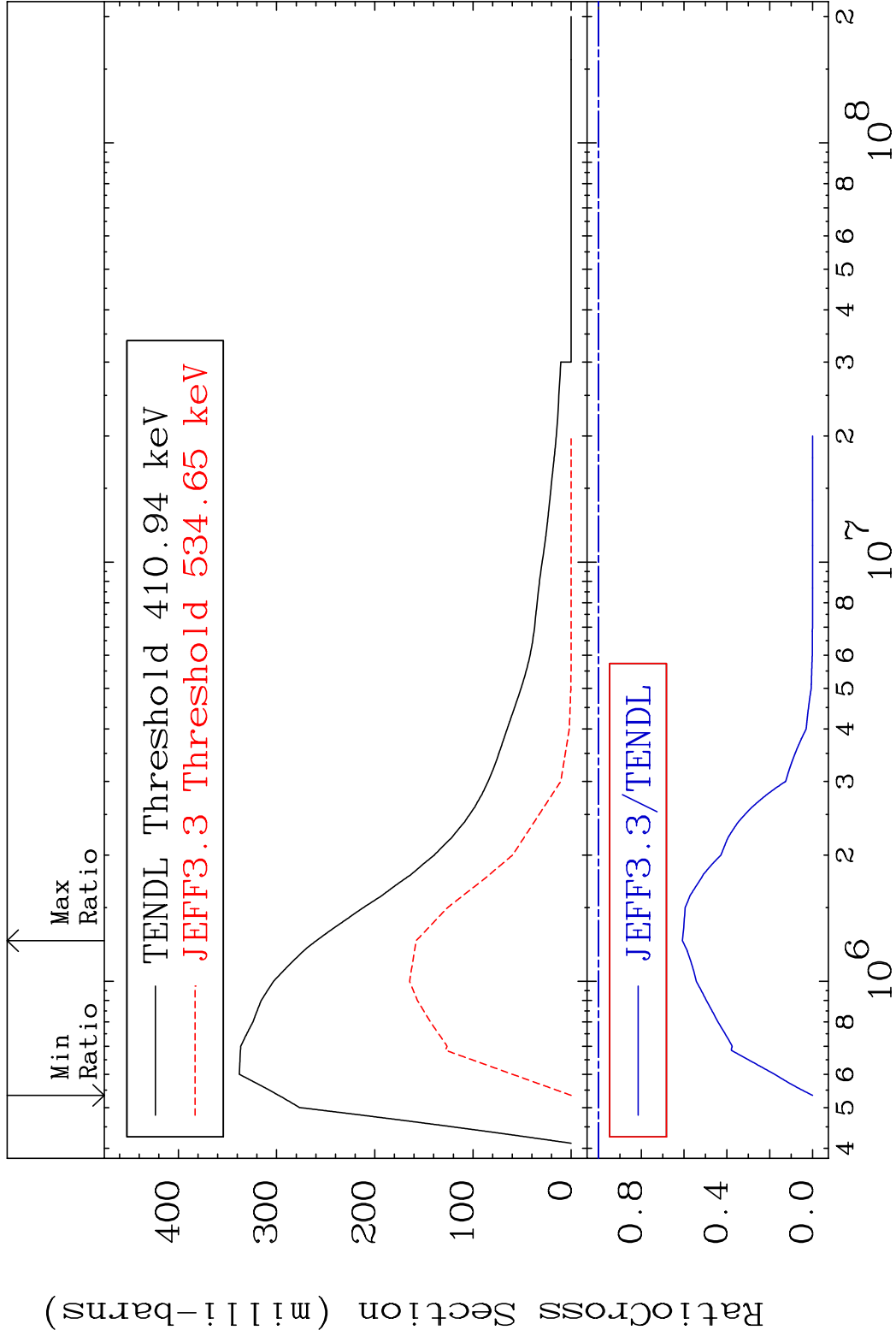


MAT 6149 MT= 53 (n,n') Level 61-Pm-147
Cross Section -100.0 To 413.8 %



12 Incident Energy (eV) 61-Pm-147

MAT 6149 MT= 54 (n,n') Level 61-Pm-147
Cross Section -100.0 To -39.19%



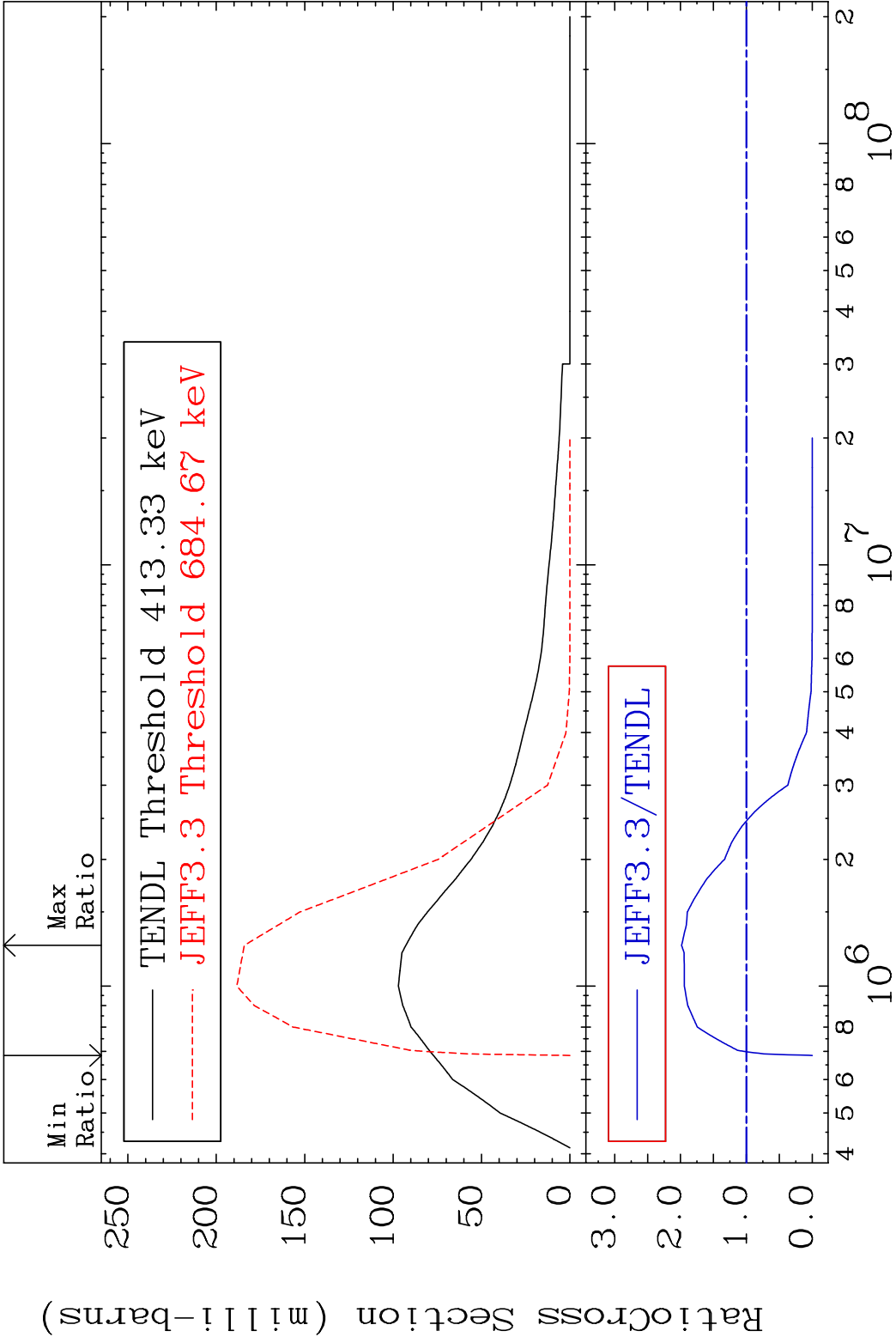
MAT 6149

MT= 55 (n,n') Level

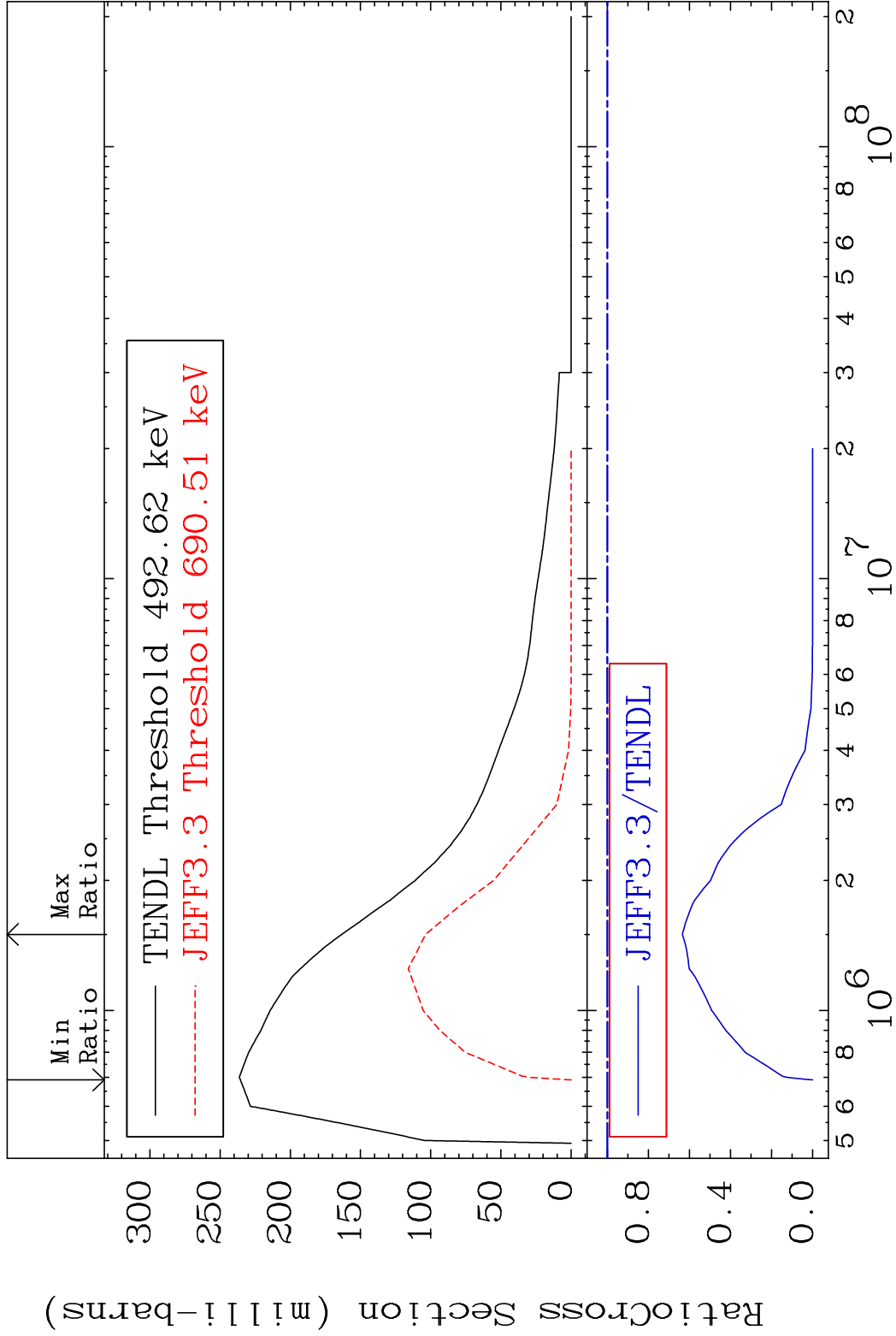
61-Pm-147

Cross Section

-100.0 To 98.47 %



MAT 6149 MT= 56 (n,n') Level 61-Pm-147
Cross Section -100.0 To -36.53%



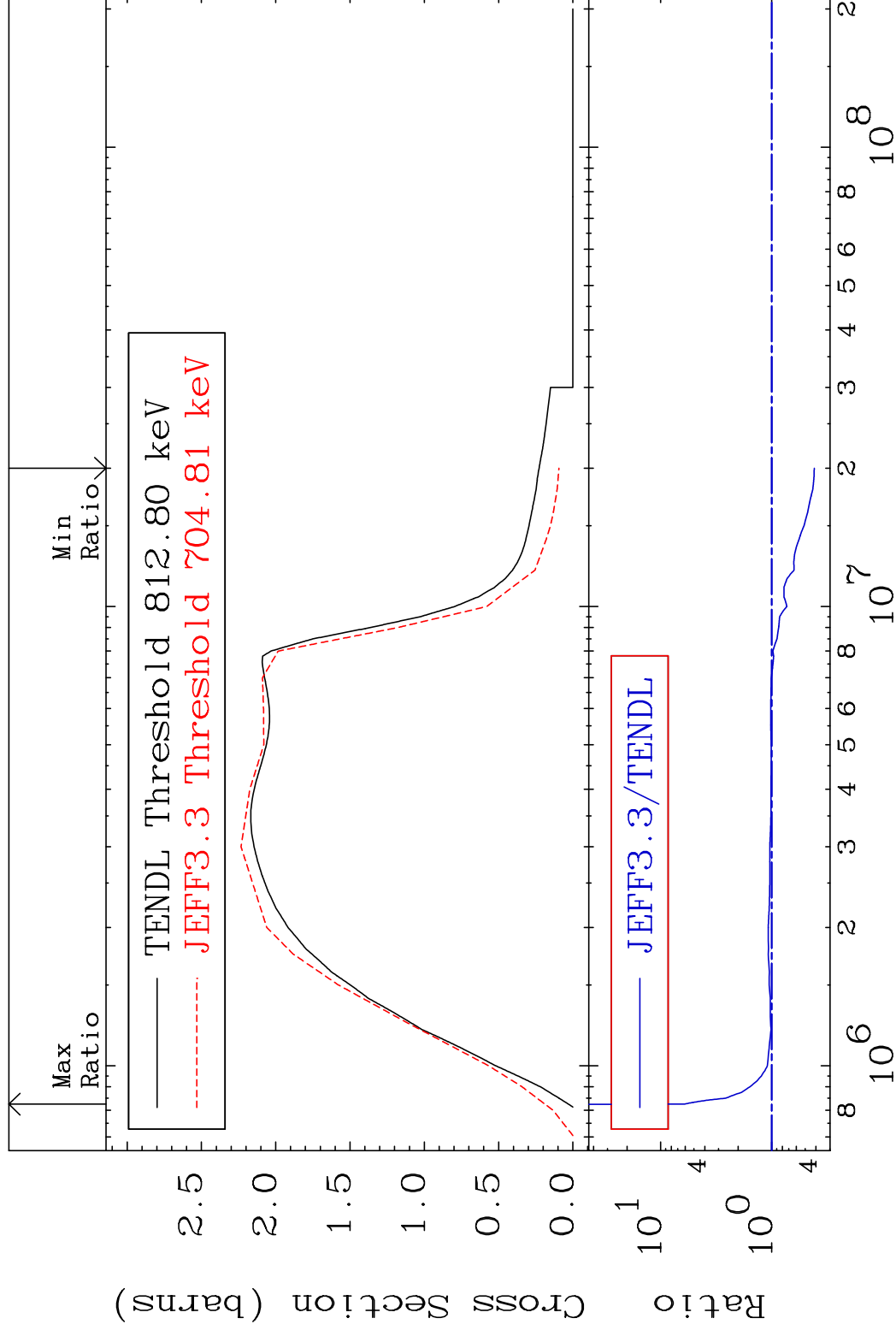
15 Incident Energy (eV) 61-Pm-147

MAT 6149

(n, n') Continuum

61-Pm-147

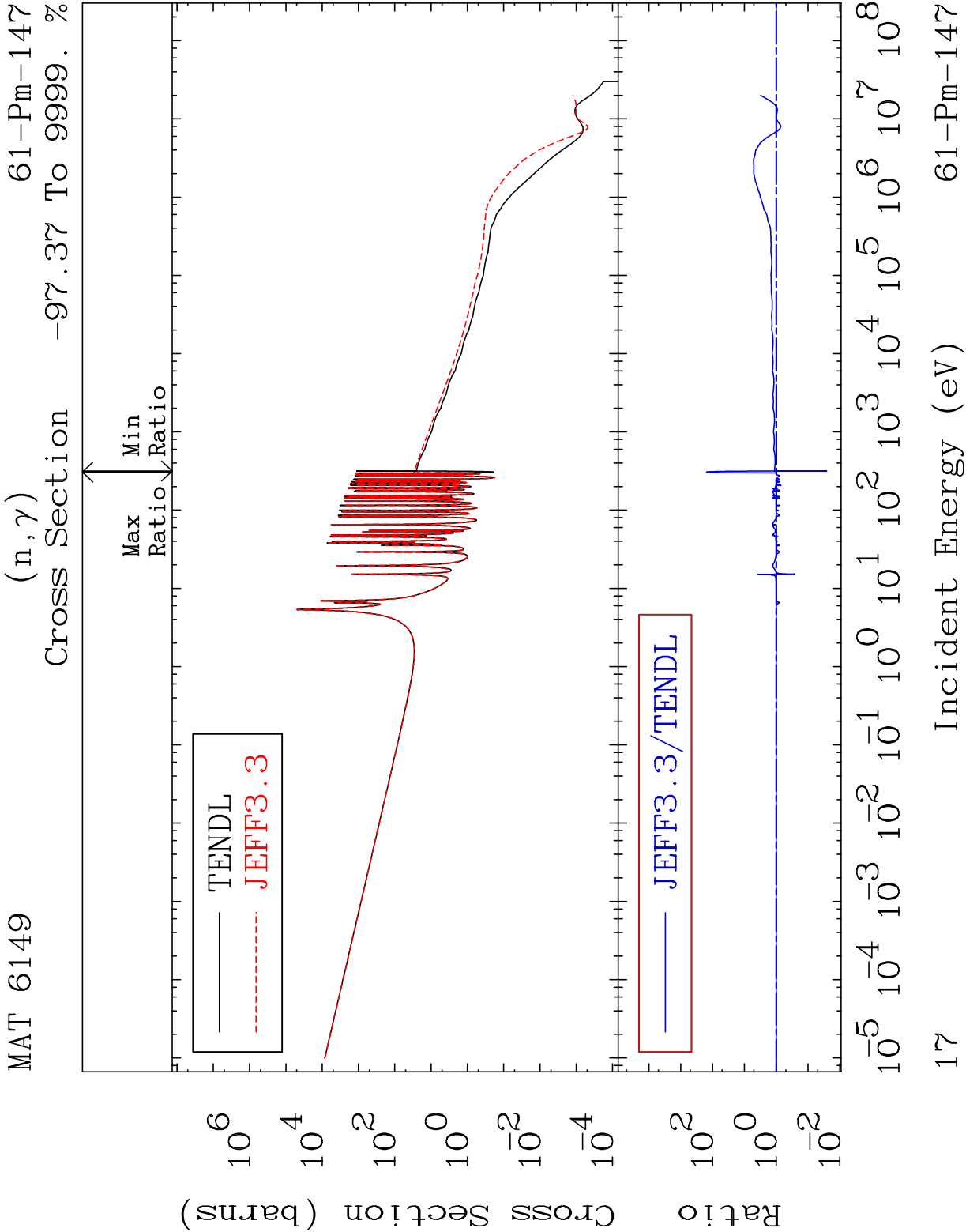
Cross Section -58.63 To 513.9 %

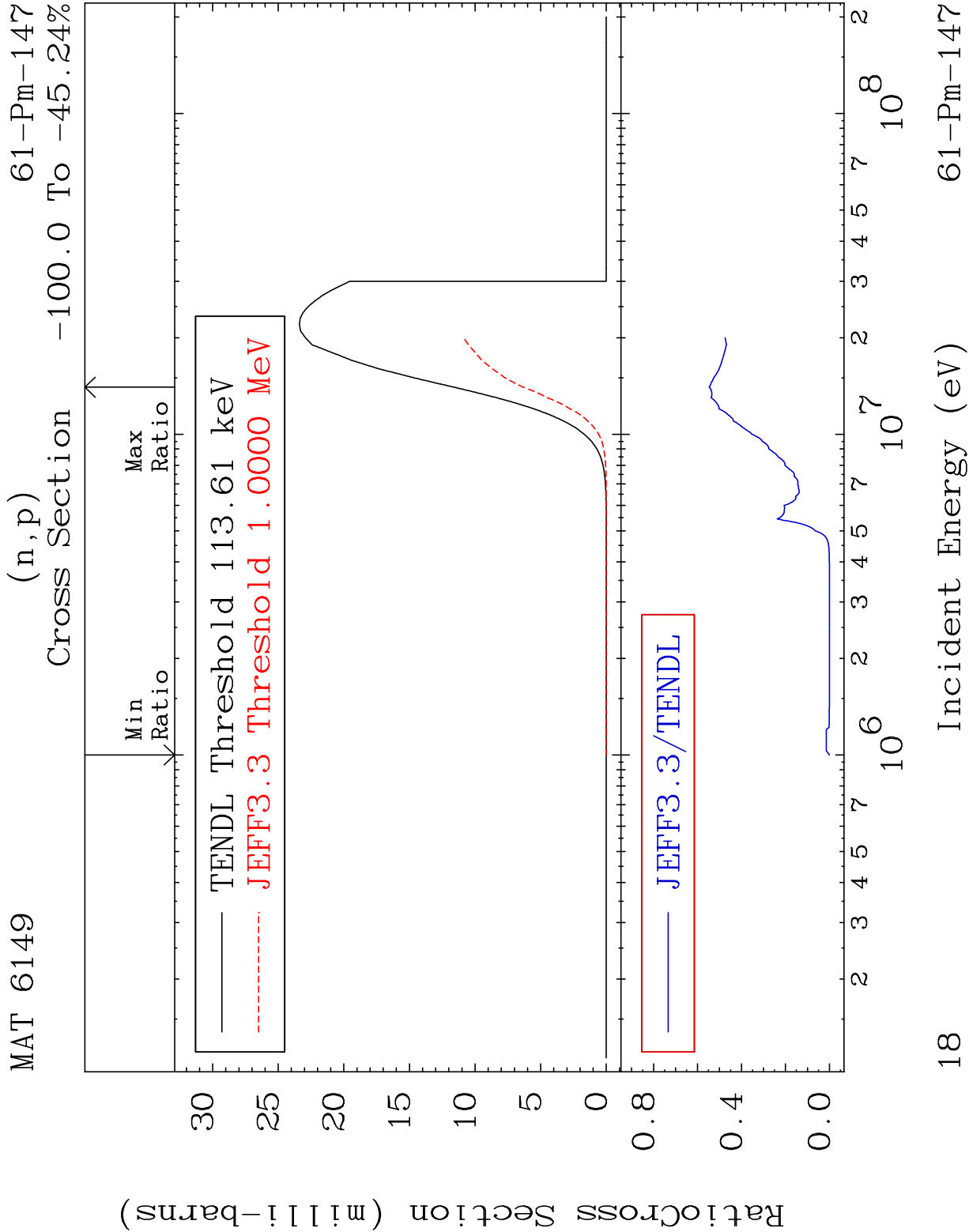


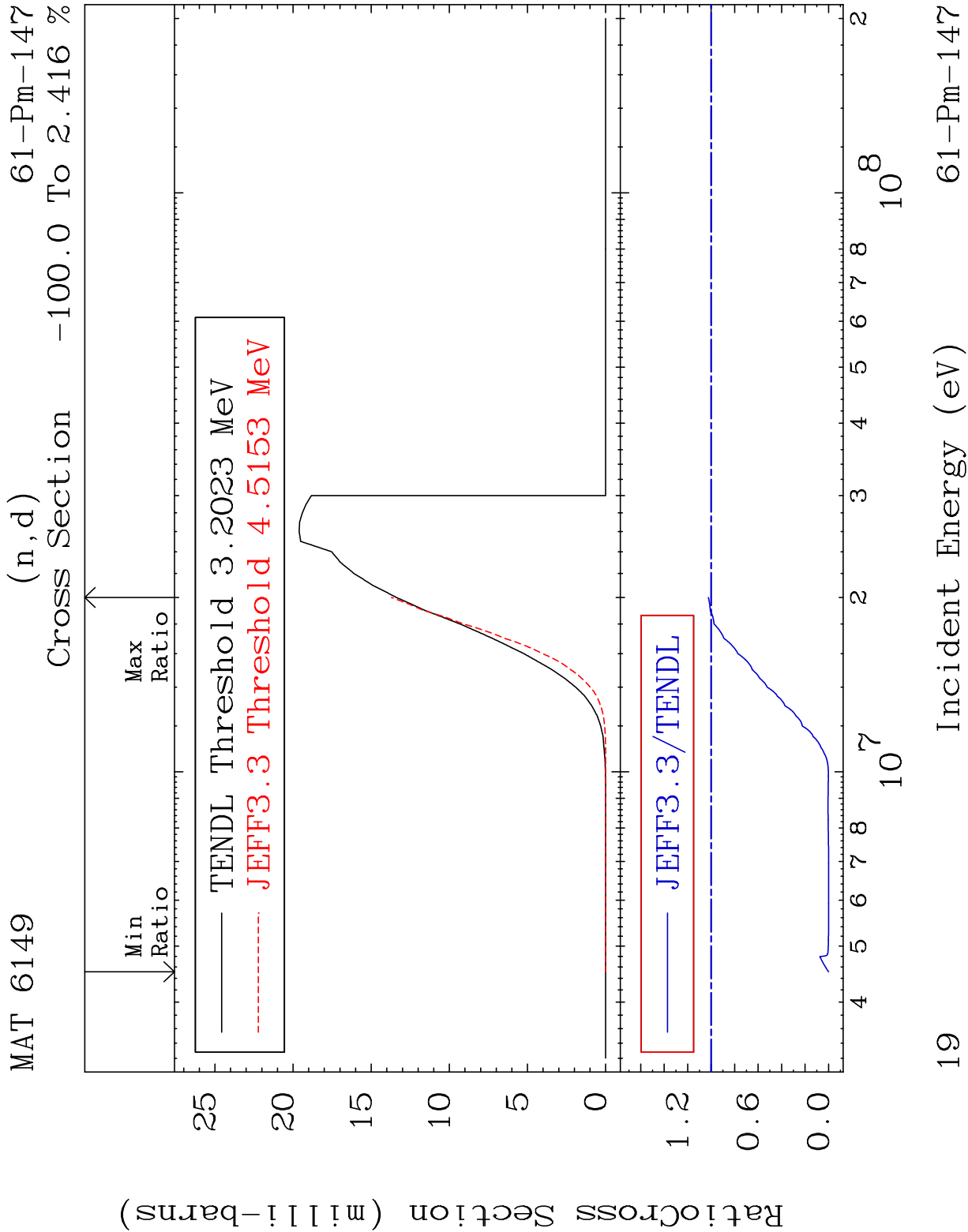
16

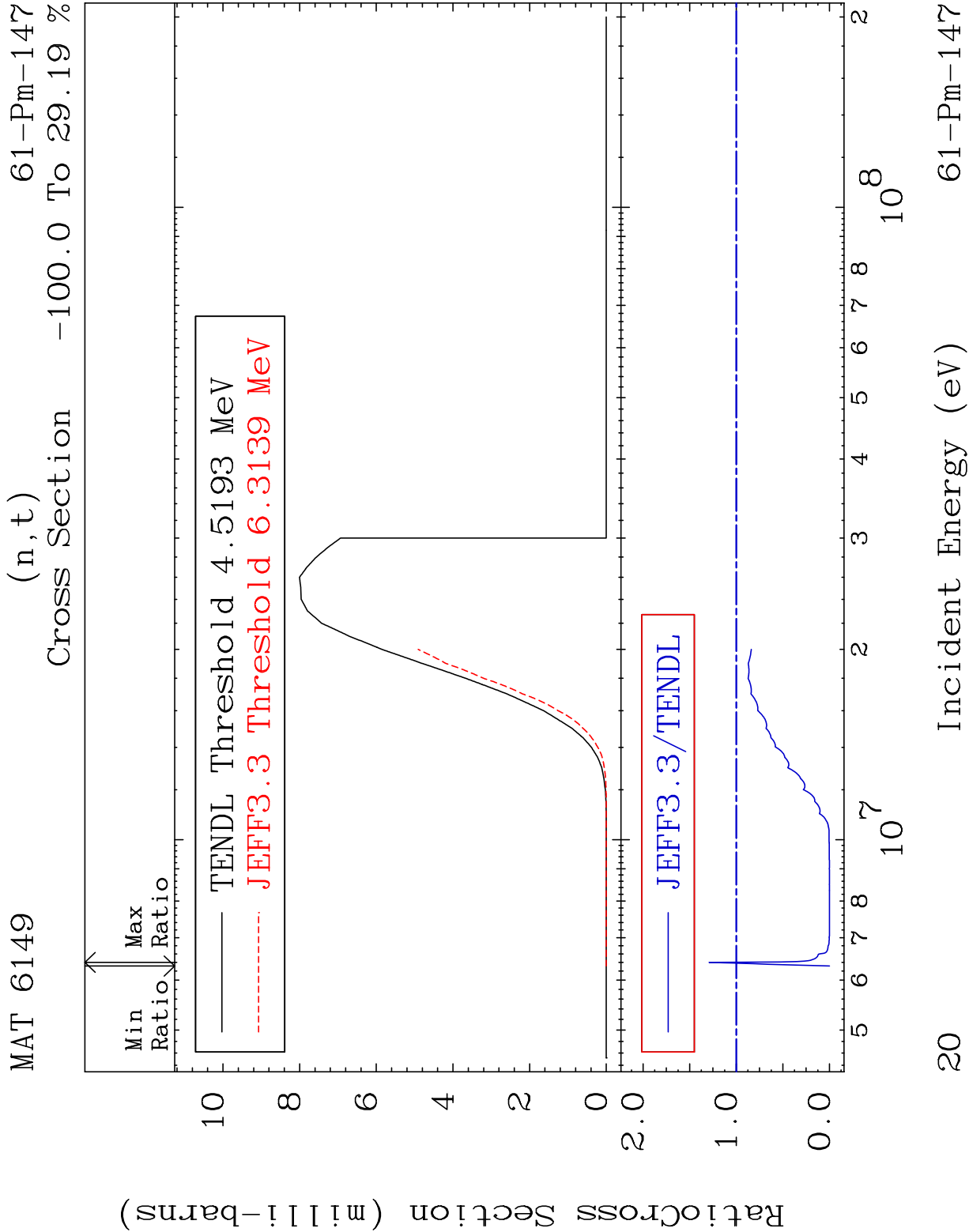
Incident Energy (eV)

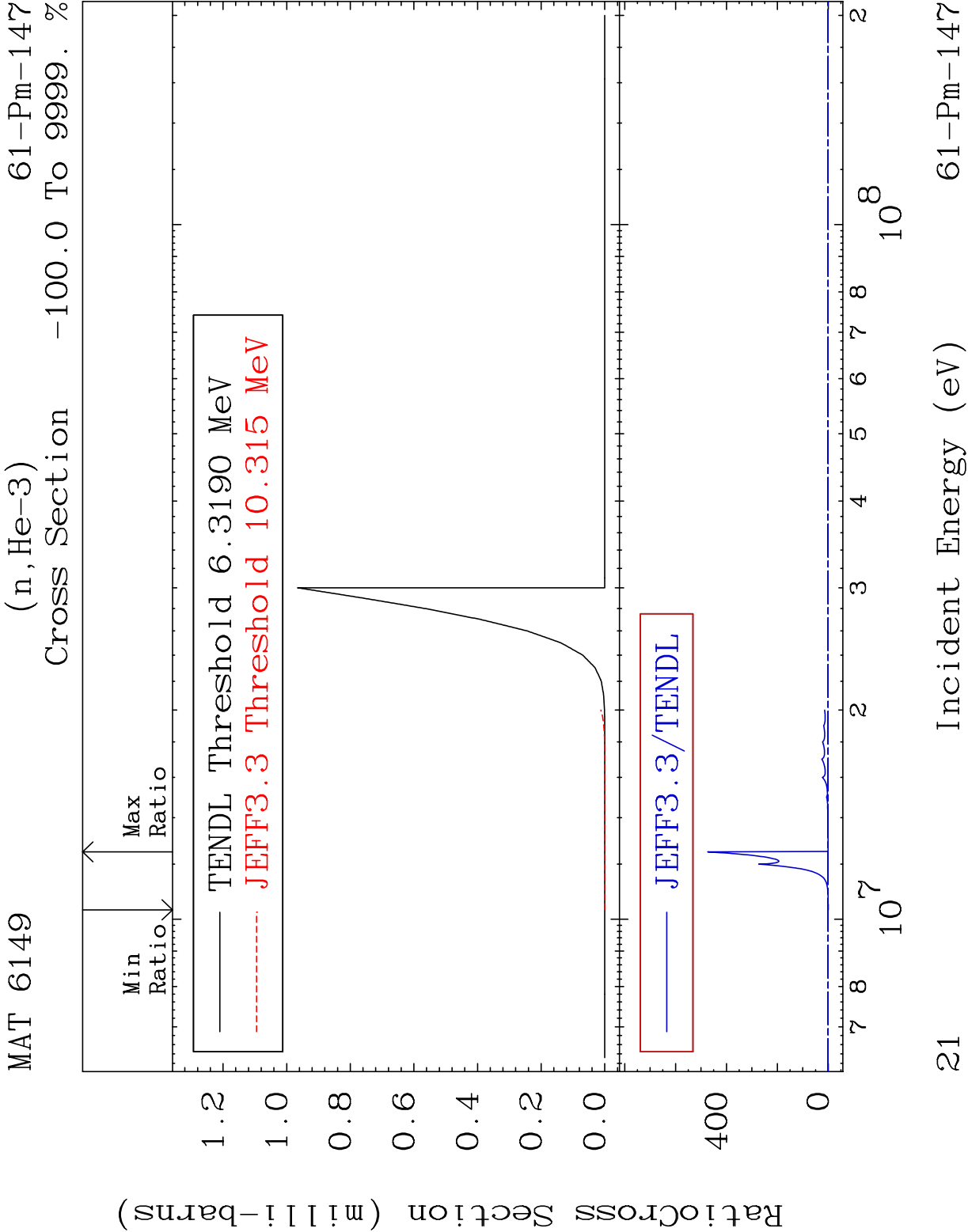
61-Pm-147

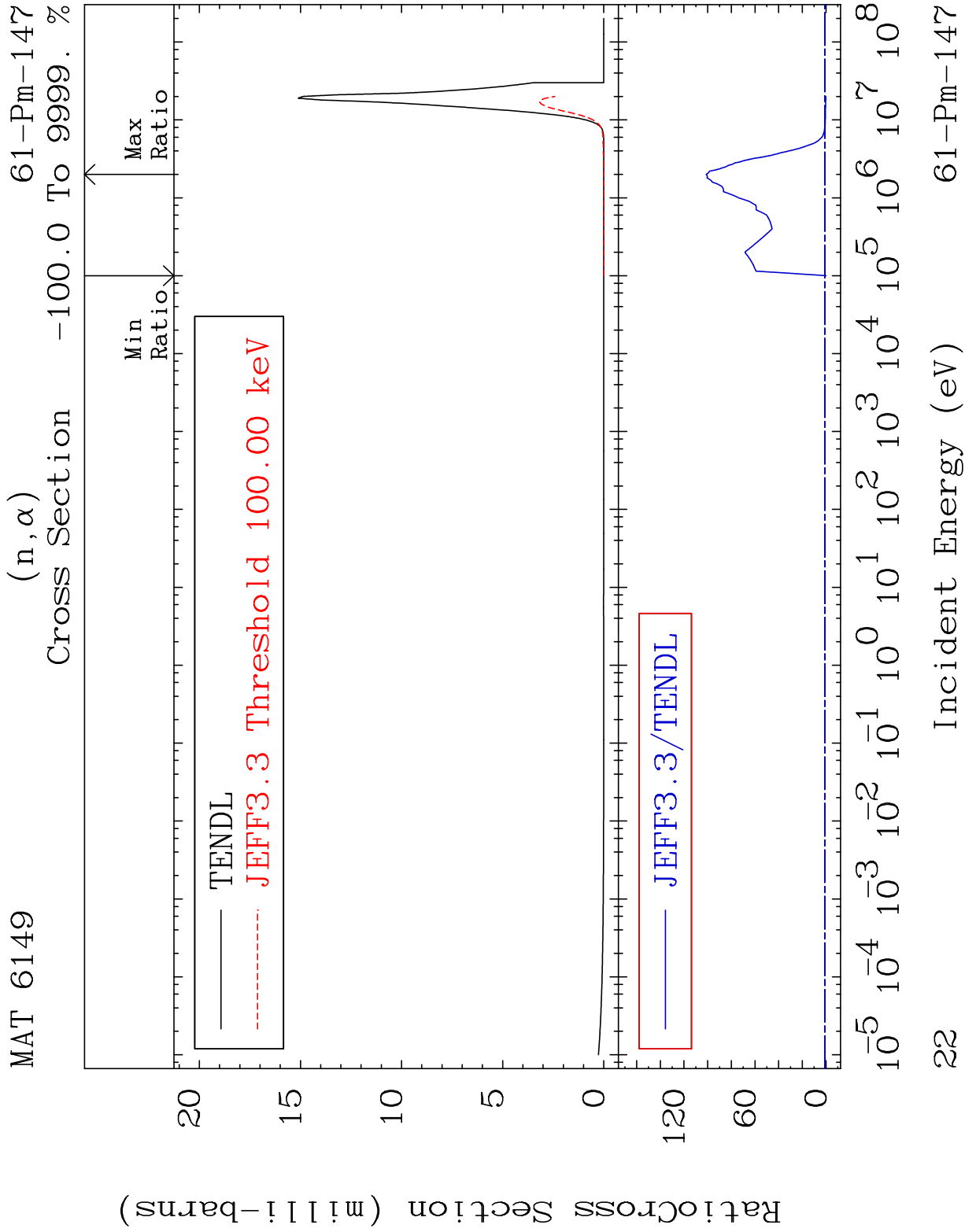


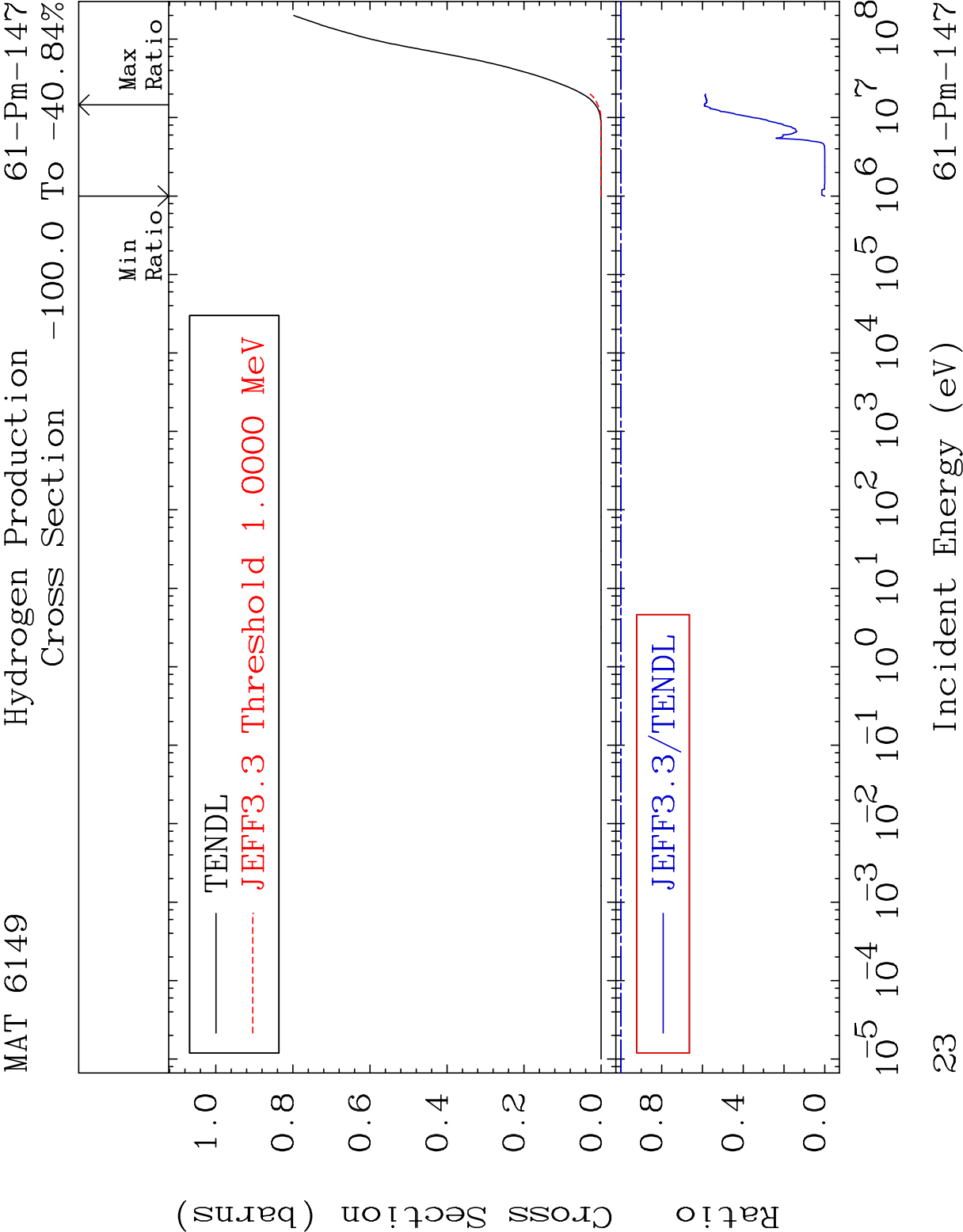


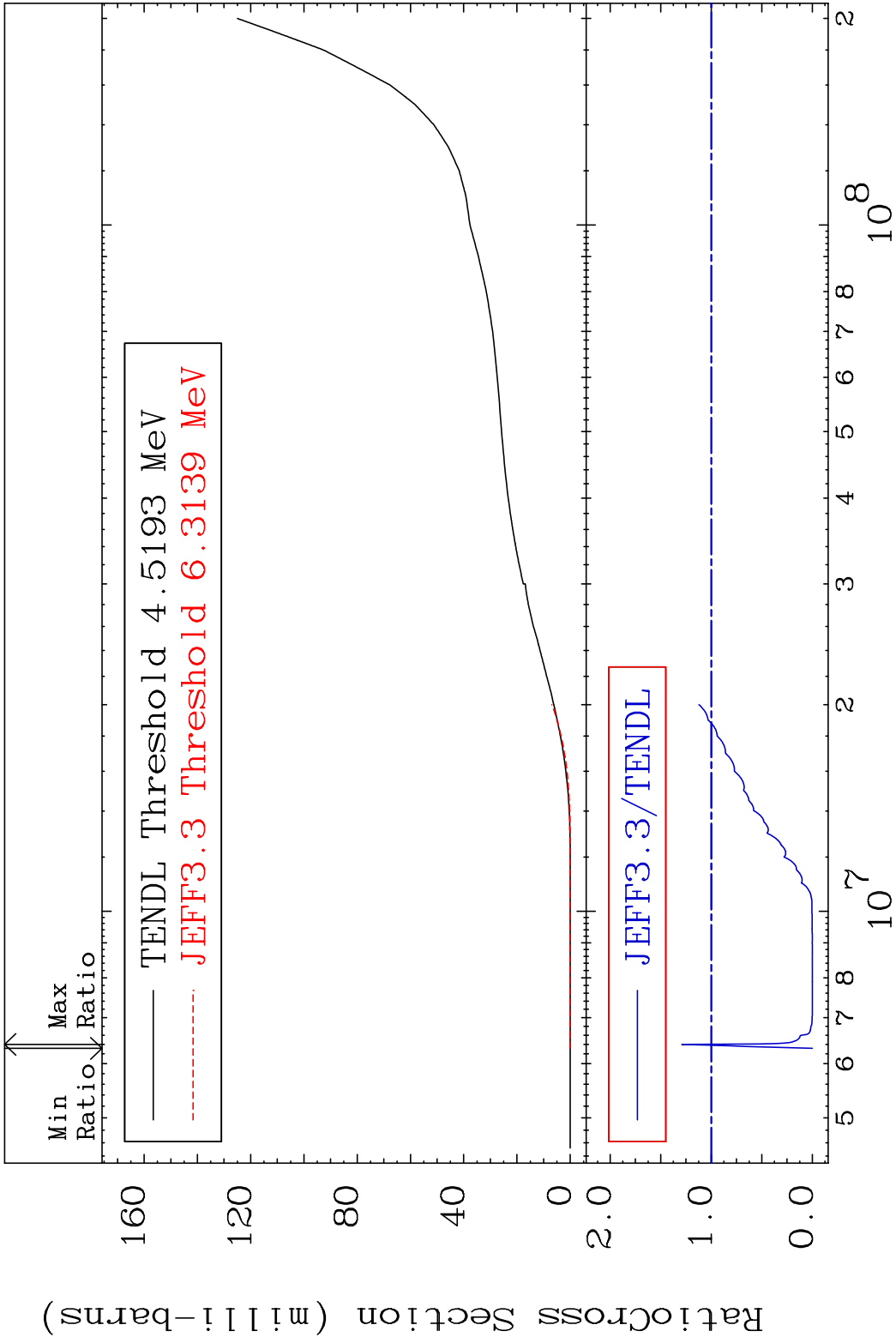


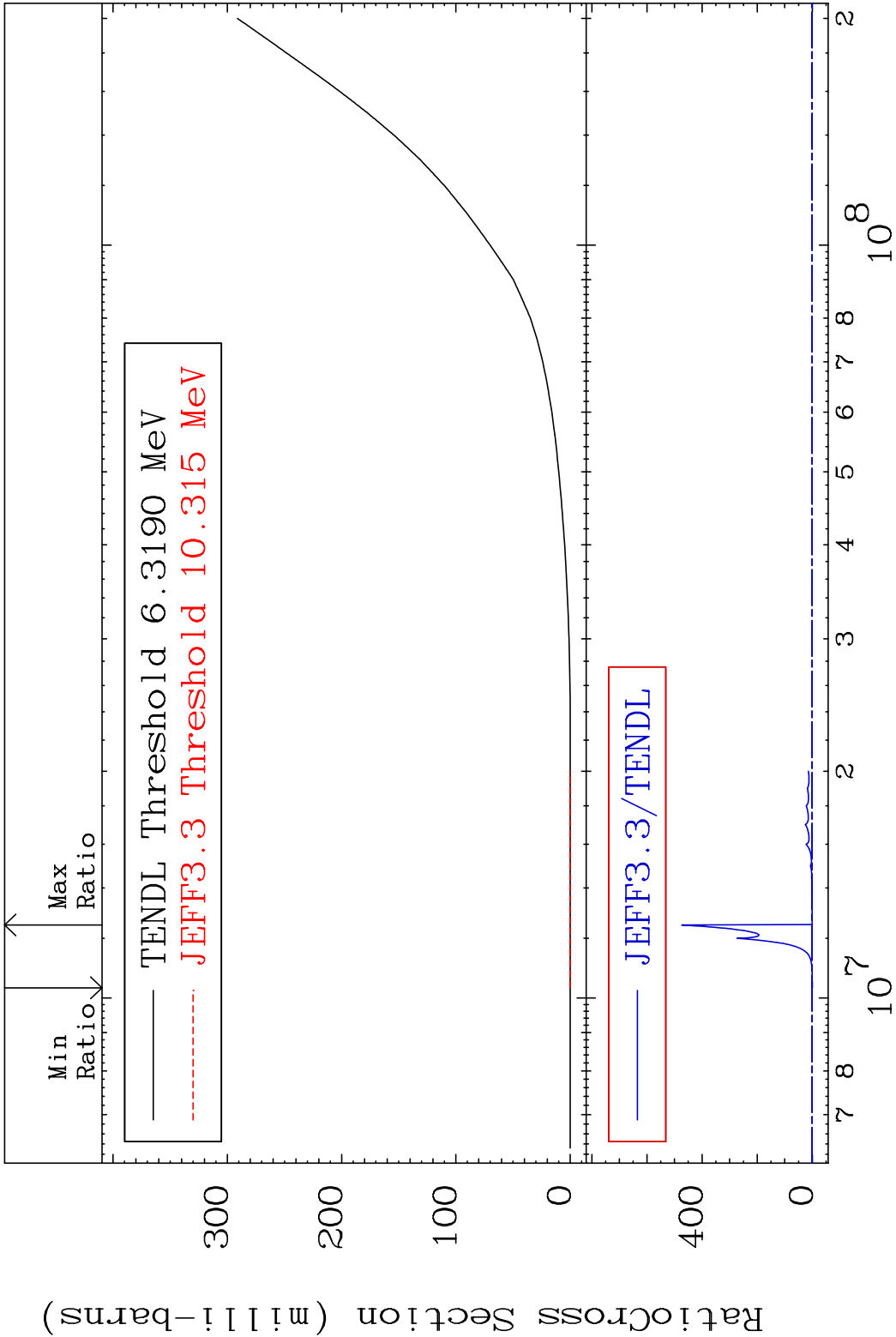


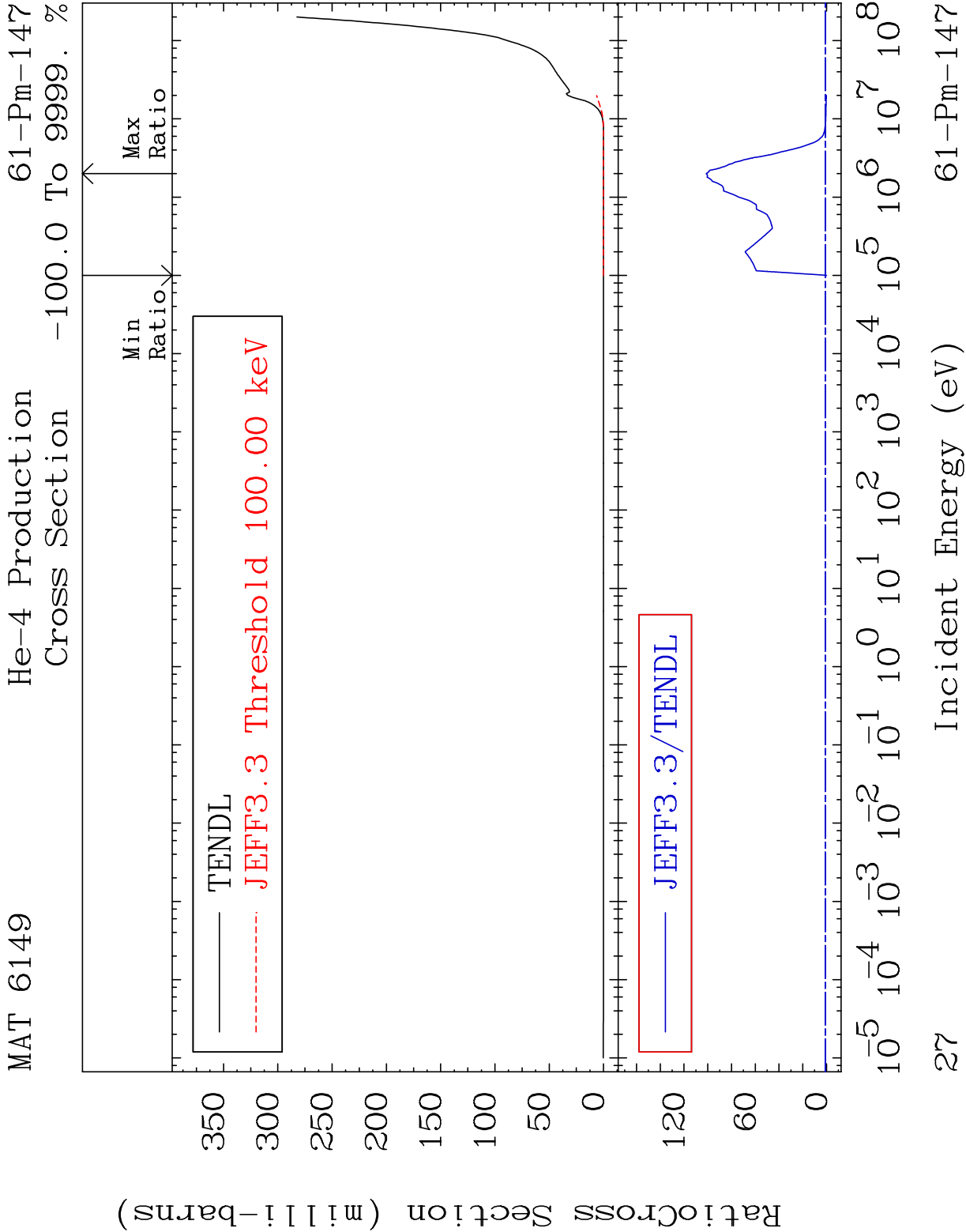


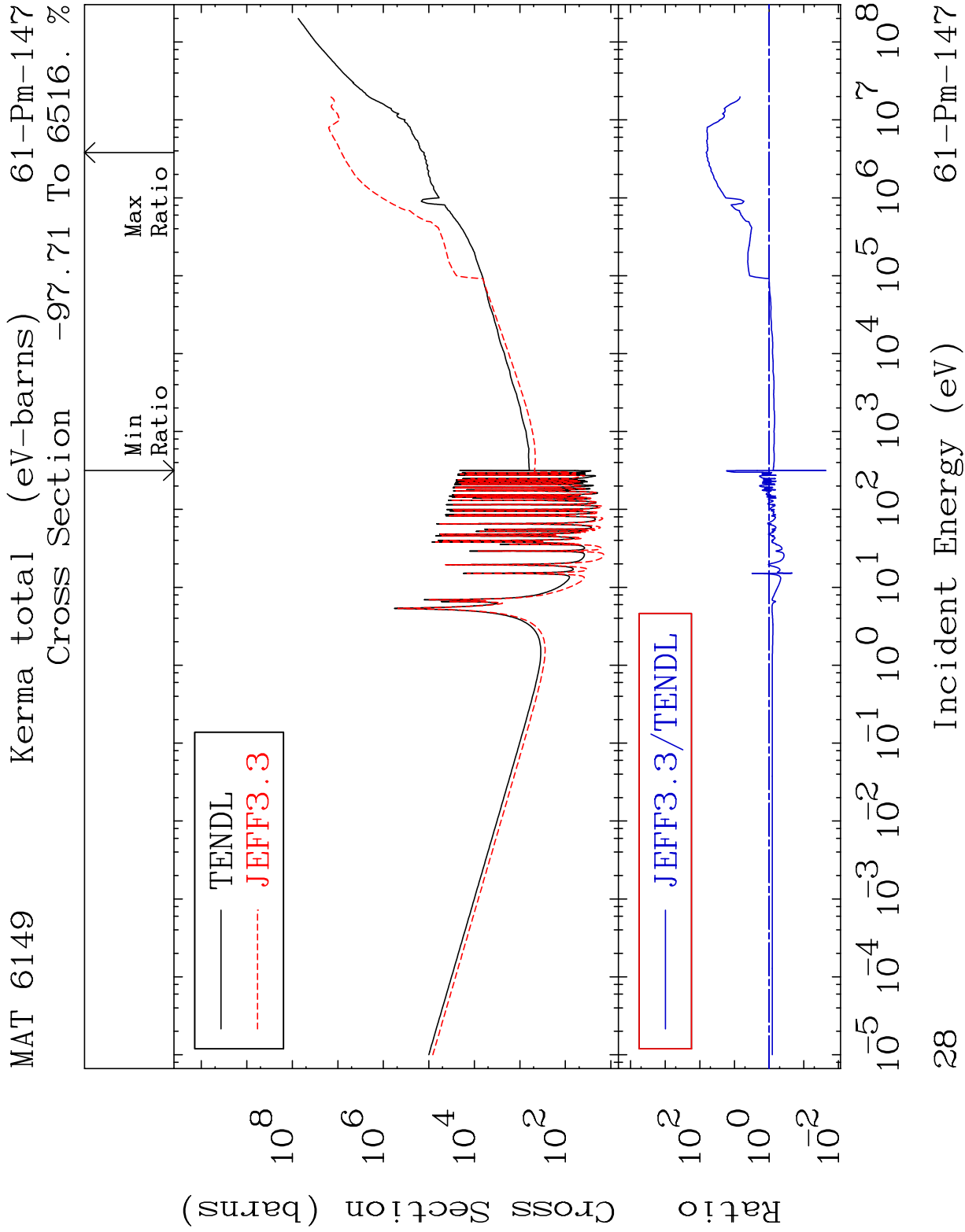


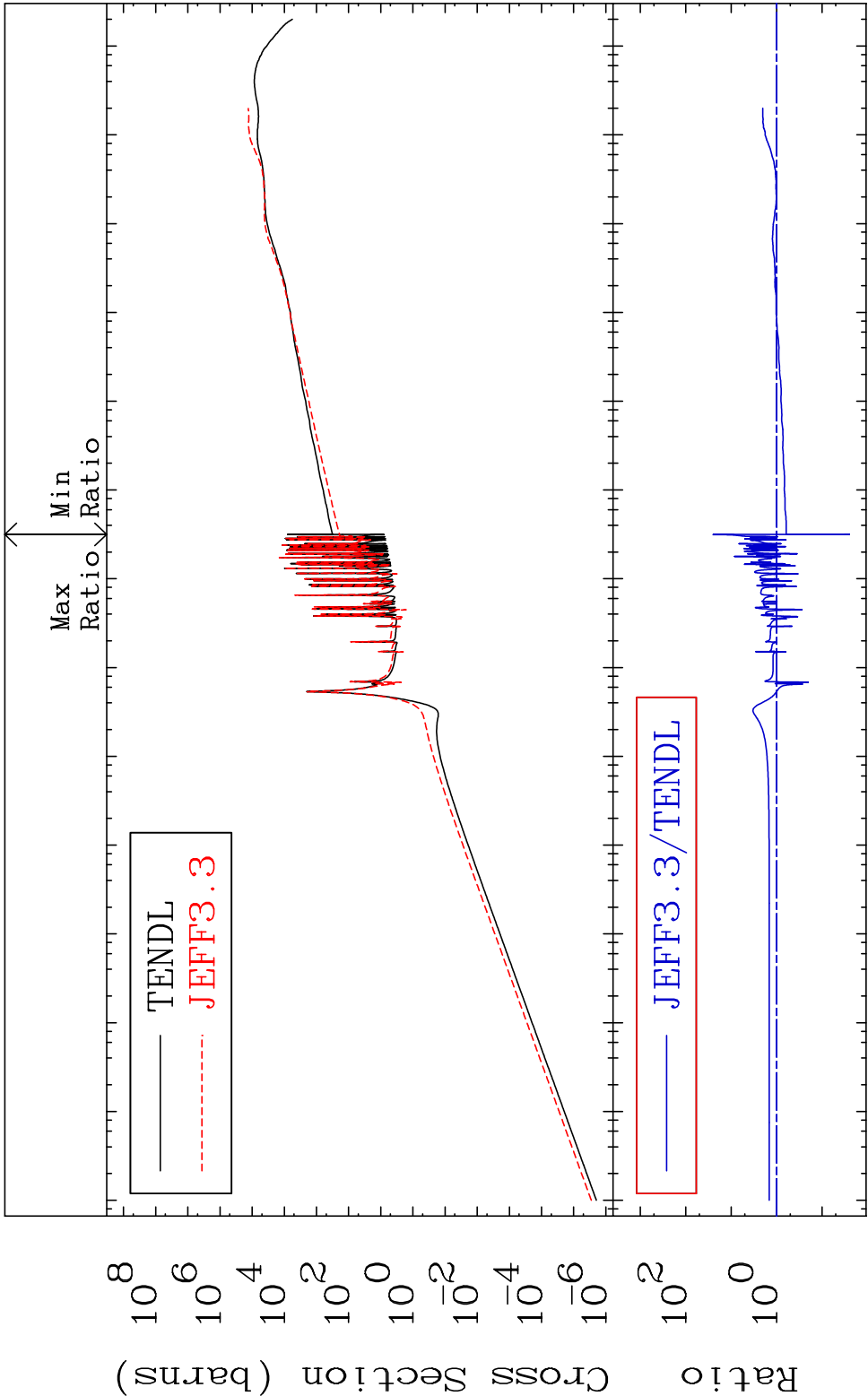




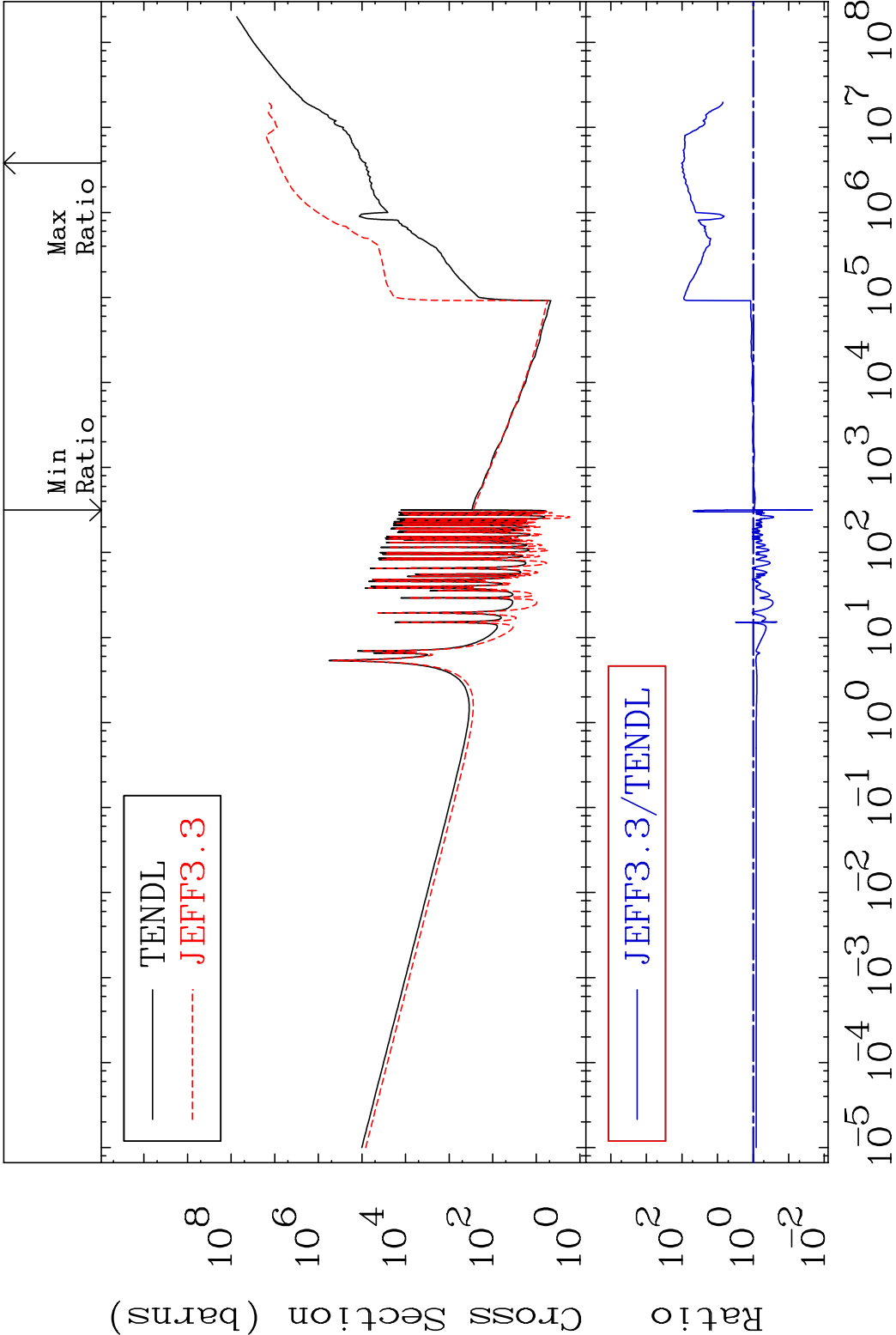






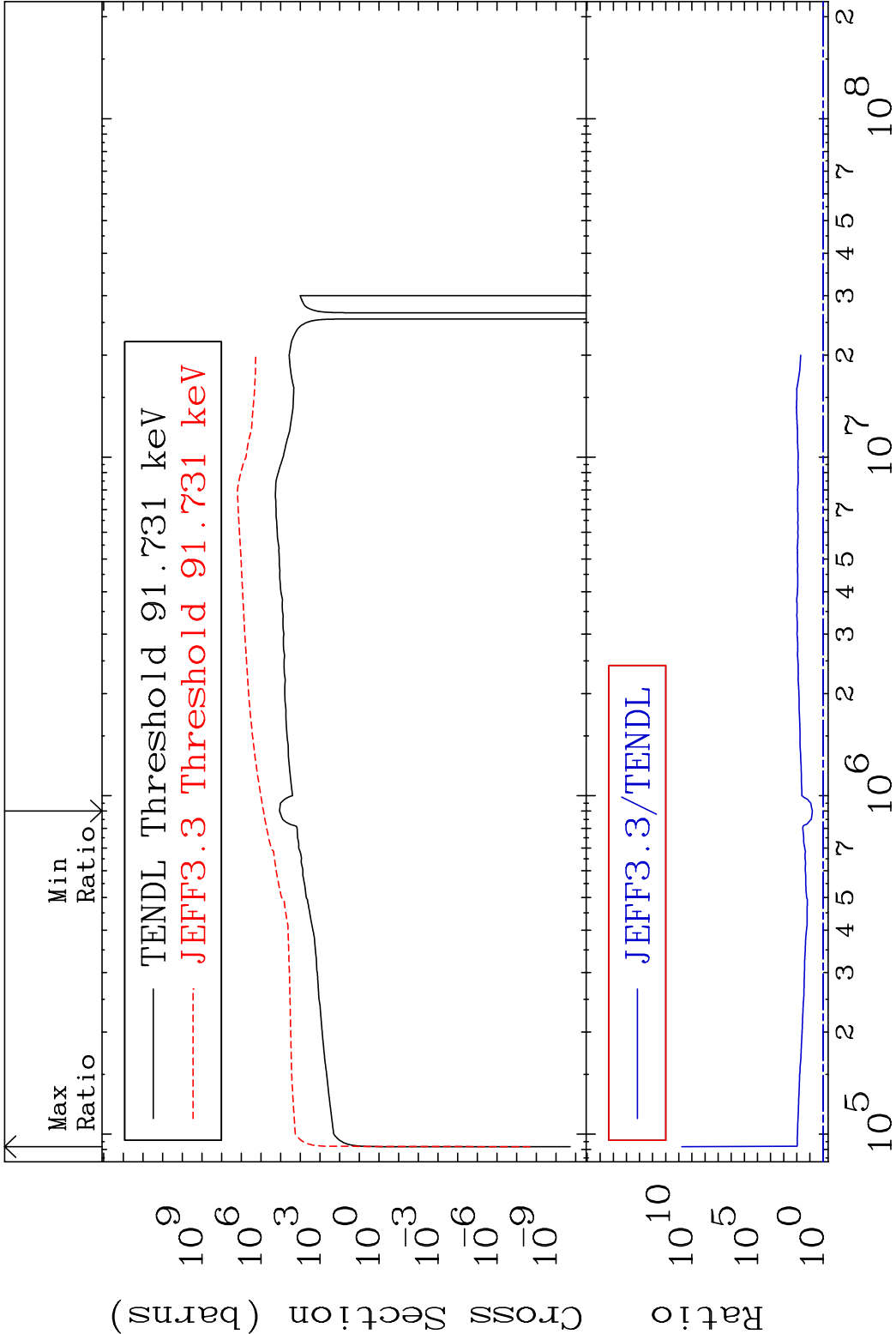


MAT 6149 Kerma non-elastic (all but mt2) 61-Pm-147
Cross Section -97.82 To 9999. %



30 Incident Energy (eV) 61-Pm-147

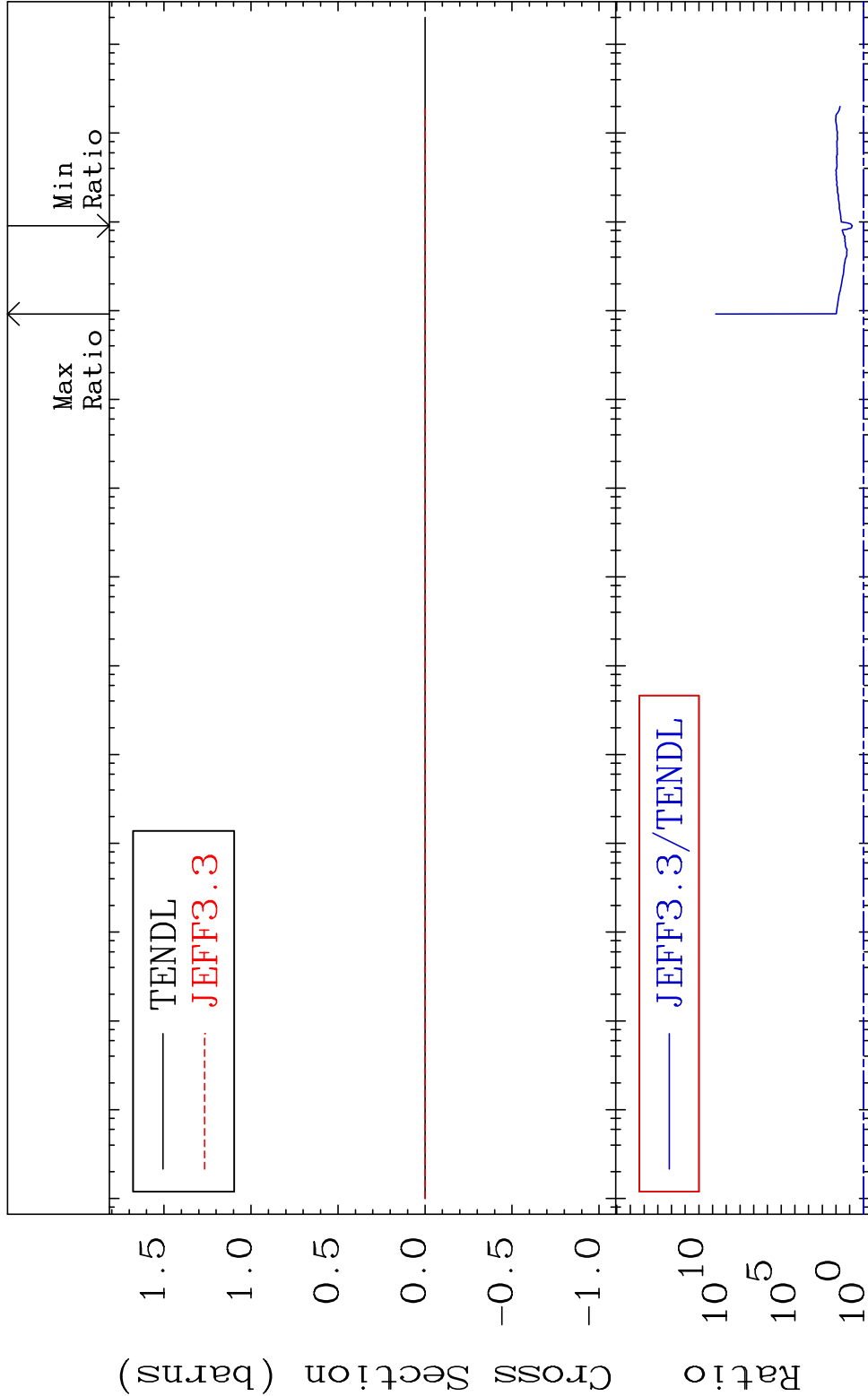
MAT 6149 Kerma inelastic (mt51-91) 61-Pm-147
Cross Section 556.0 To 9999. %



31 Incident Energy (eV) 61-Pm-147

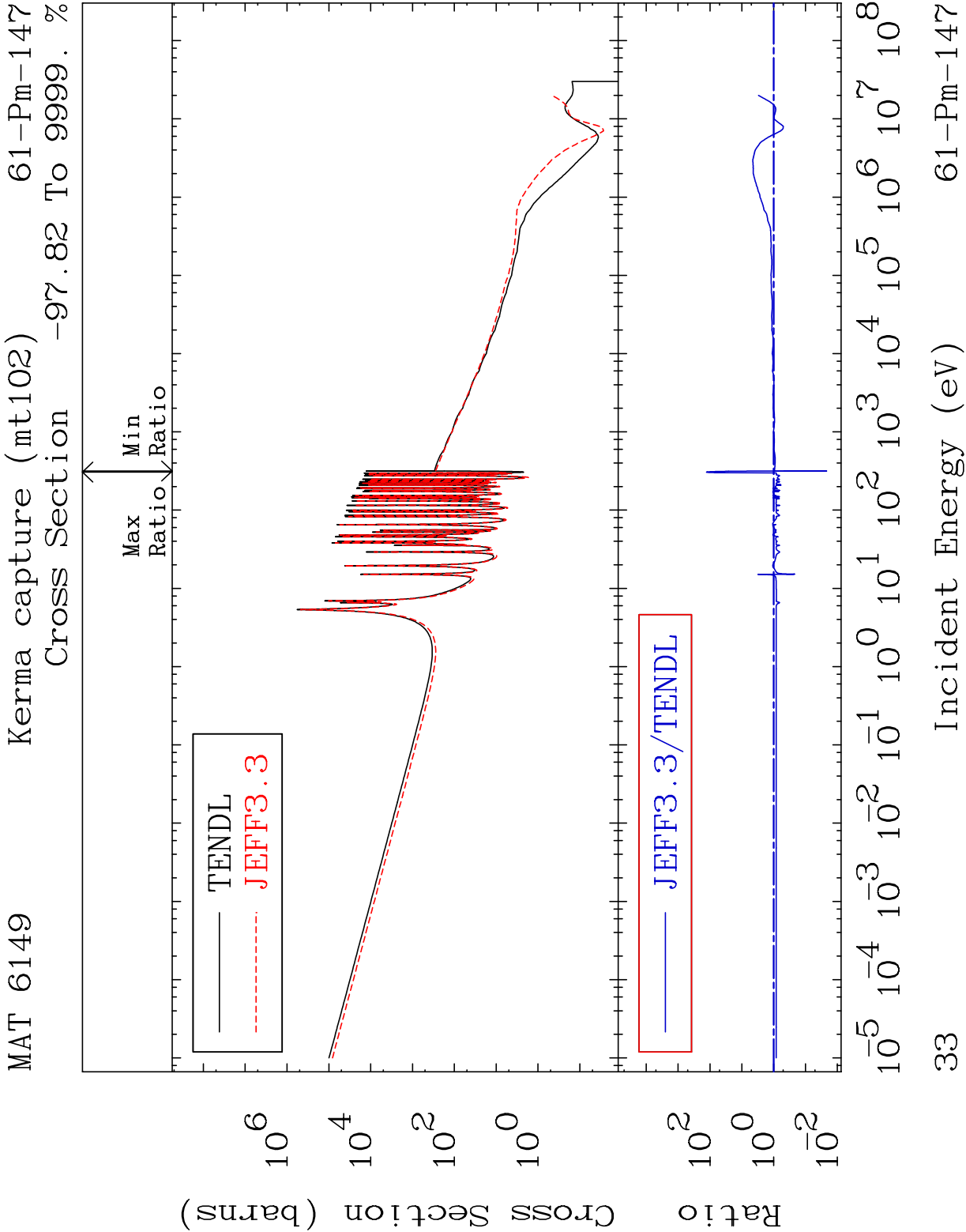
MAT 6149Kerma fission (mt18 or mt19-20-21-38)61-Pm-147

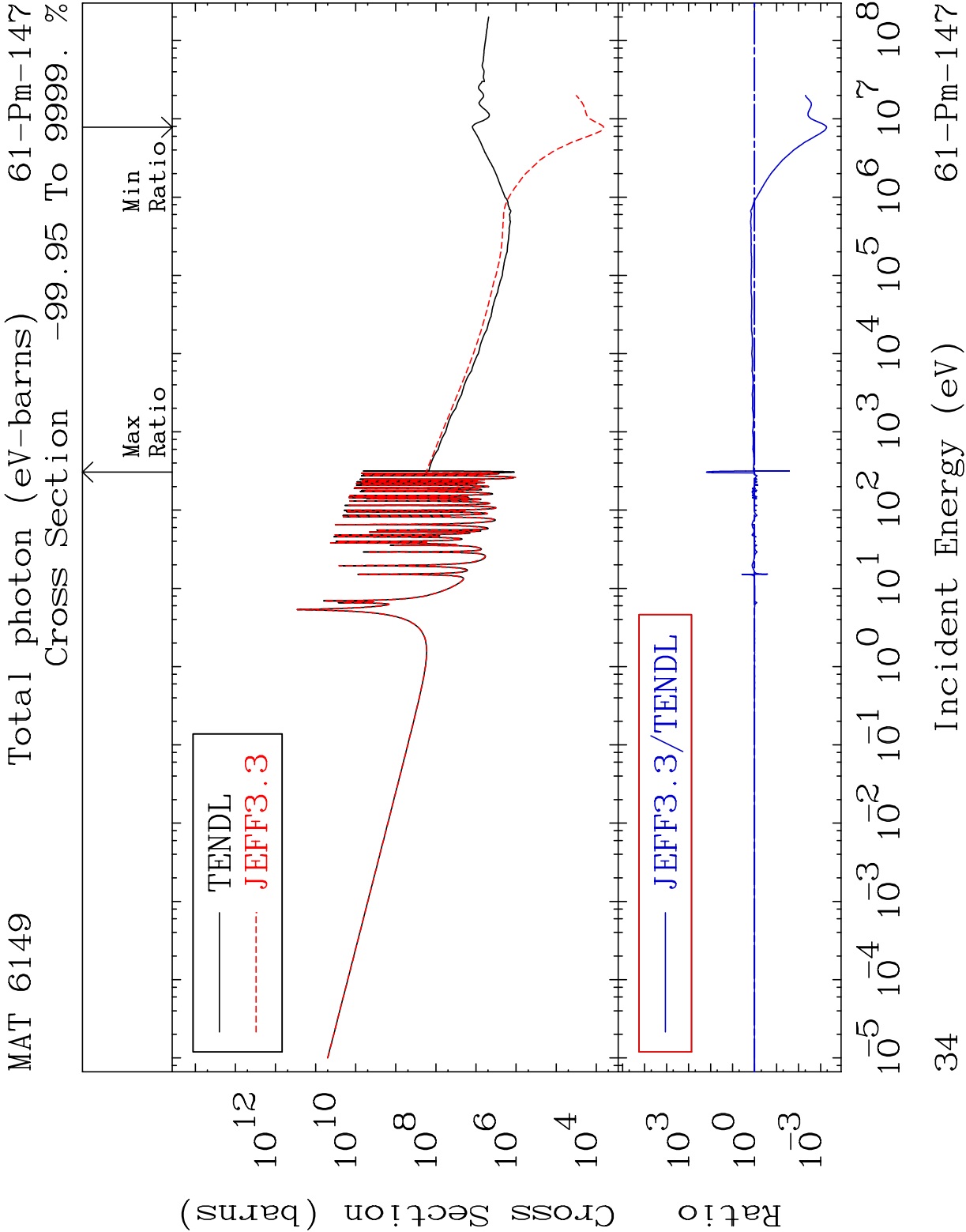
Cross Section 556.0 To 9999. %



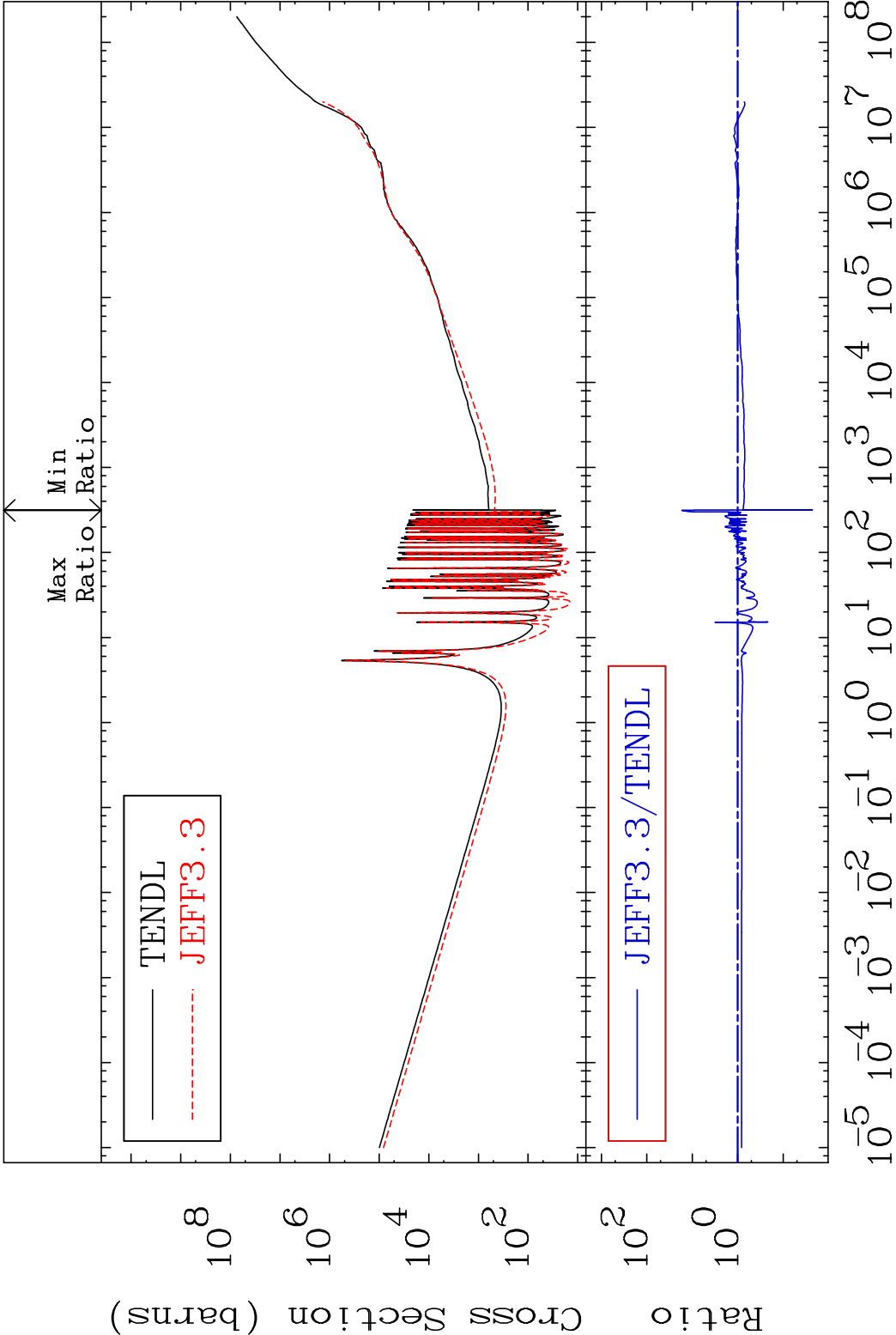
Ratio

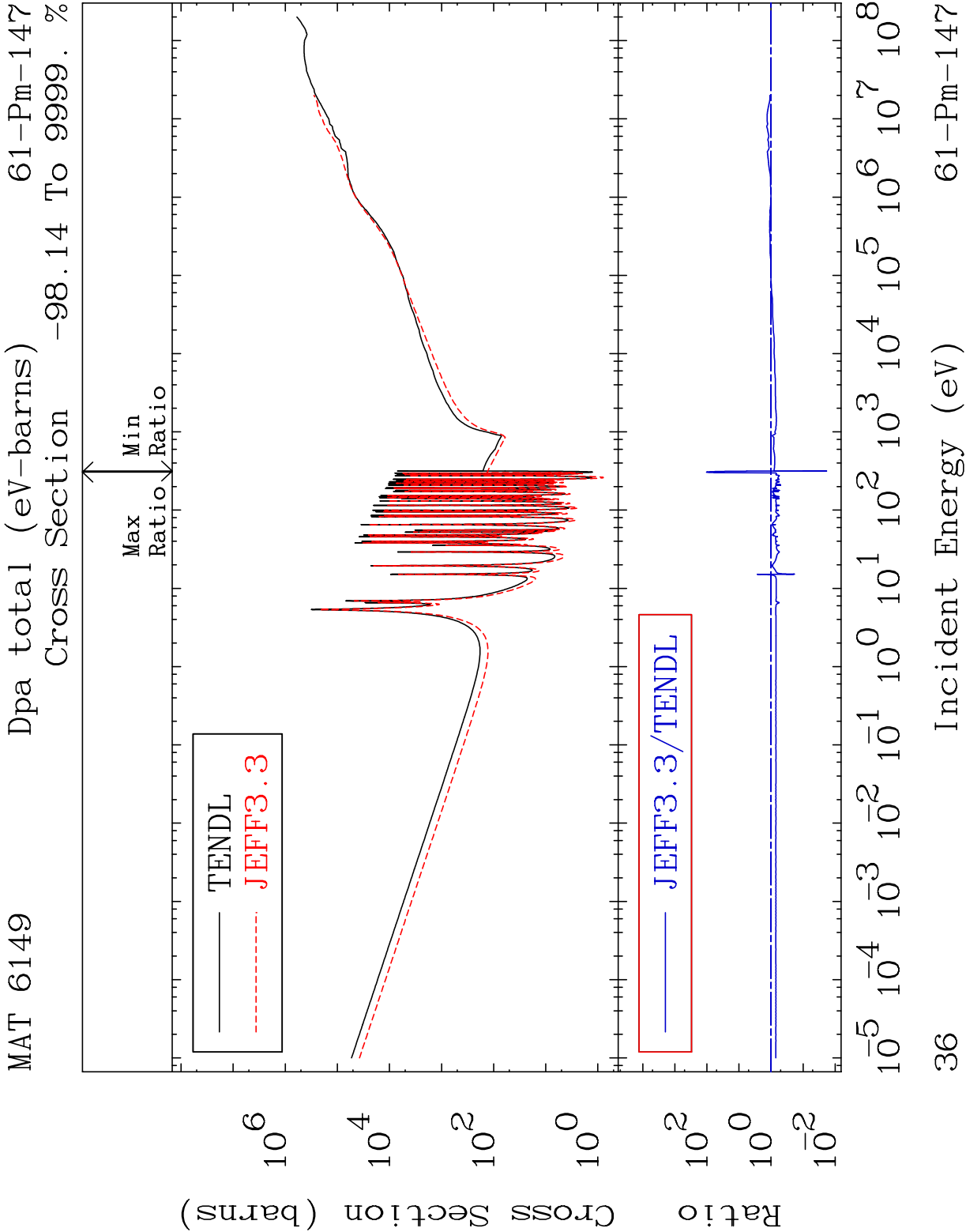




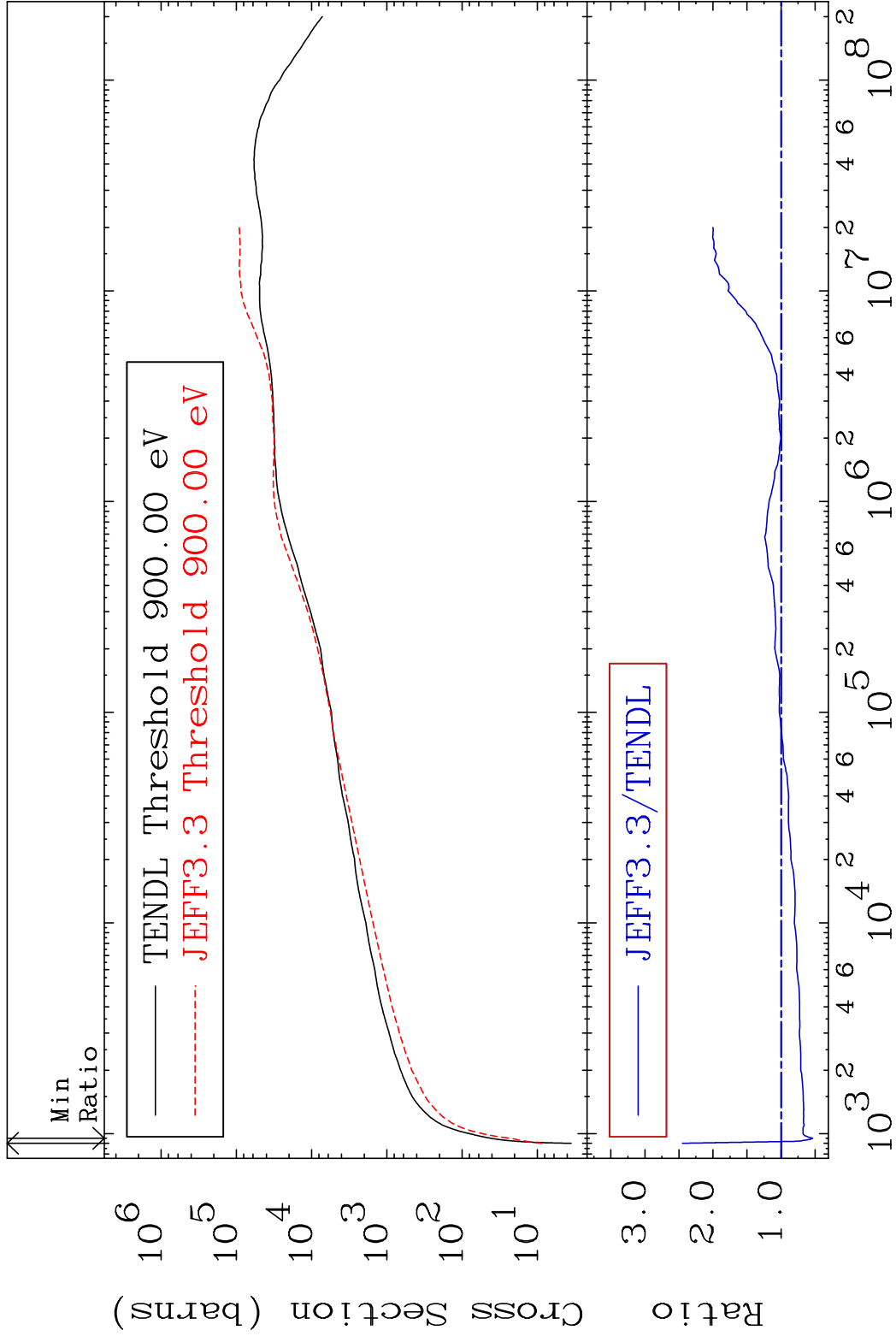


MAT 6149 Total kinematic kerma (high limit) 61-Pm-147
Cross Section -97.71 To 1626. %





MAT 6149 Dpa elastic (mt2) 61-Pm-147
Cross Section -46.31 To 145.0 %



37 Incident Energy (eV) 61-Pm-147

