

Program Complot
(Version 2021-1)

by

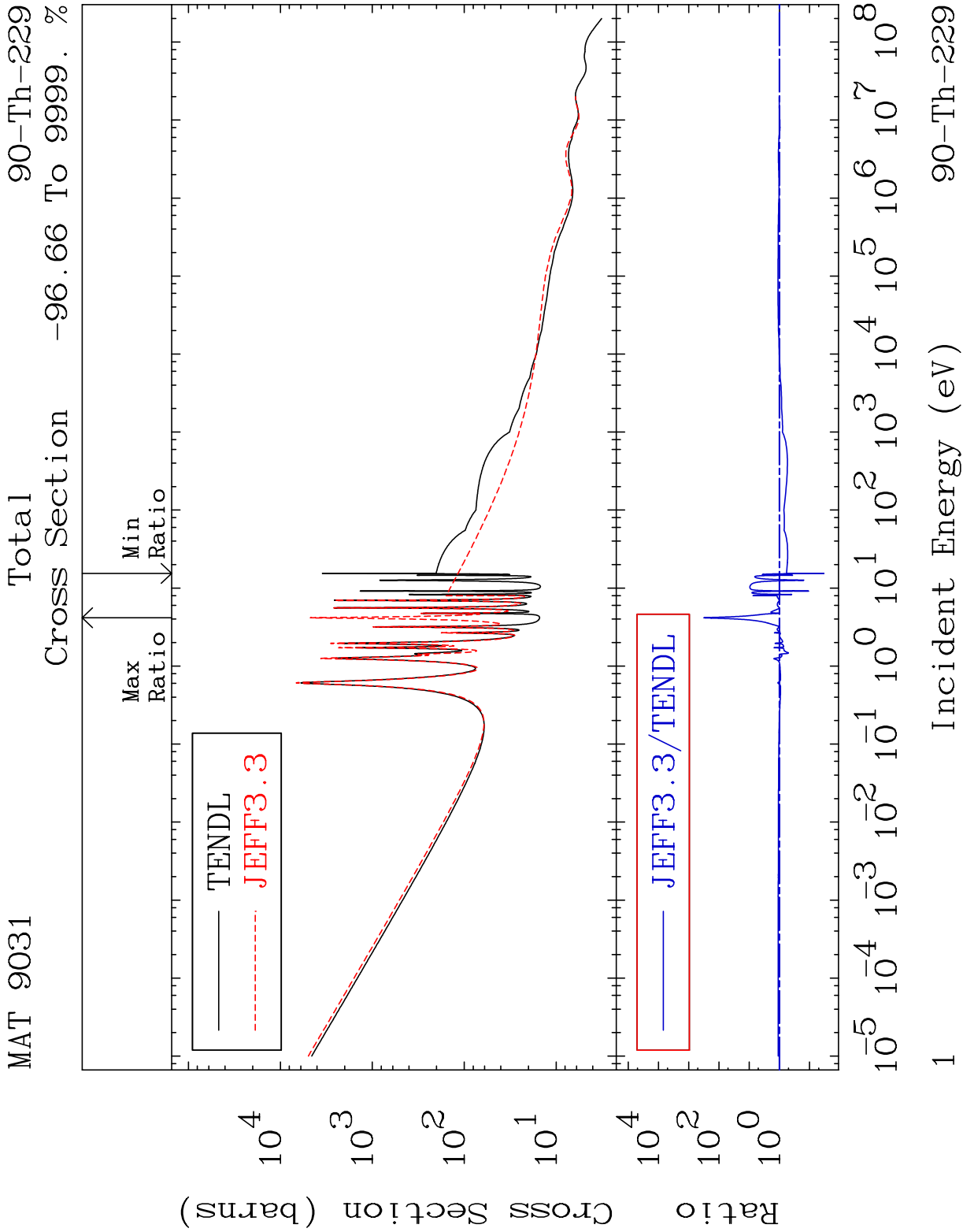
Dermott E. Cullen
(Present Contact Information)

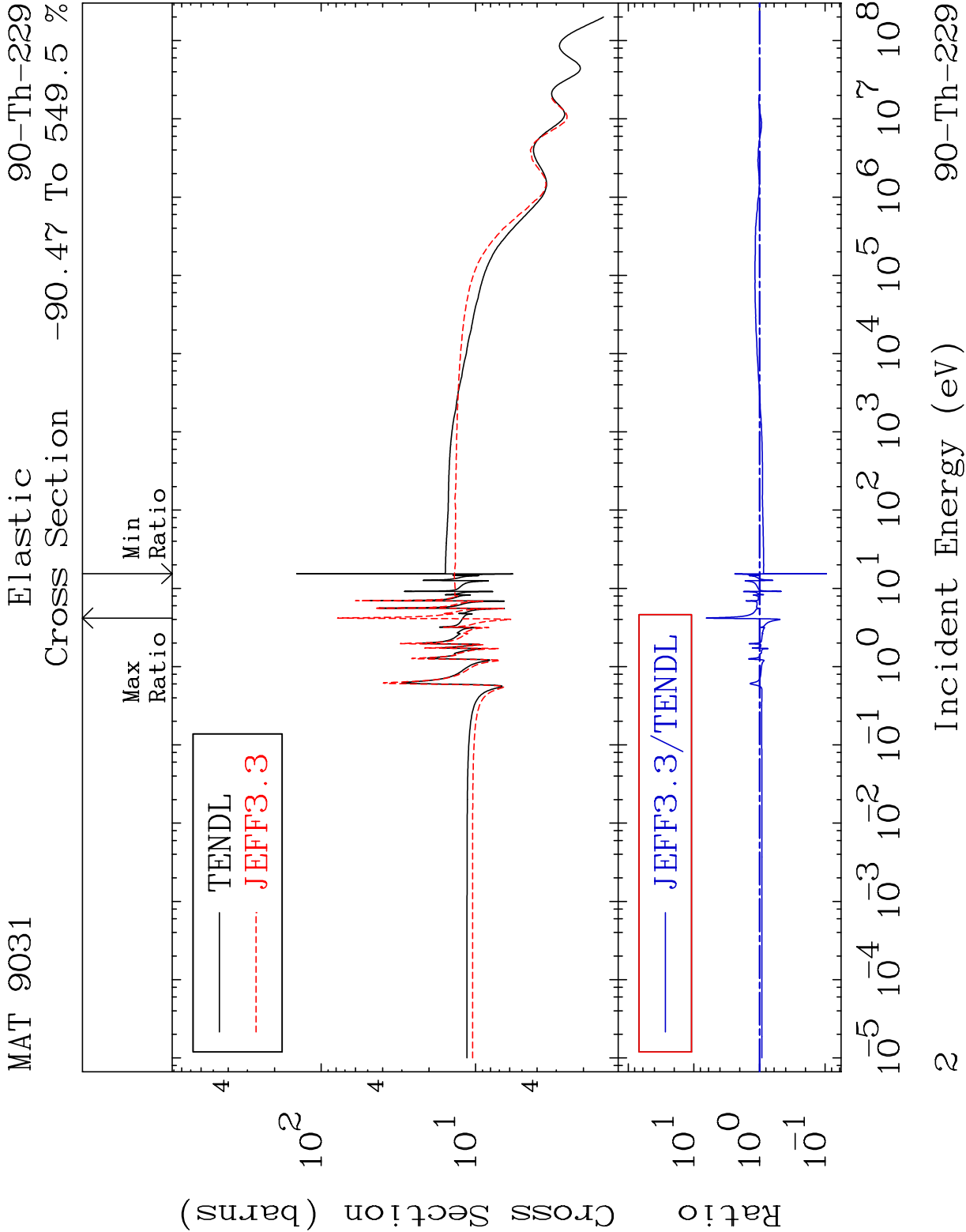
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

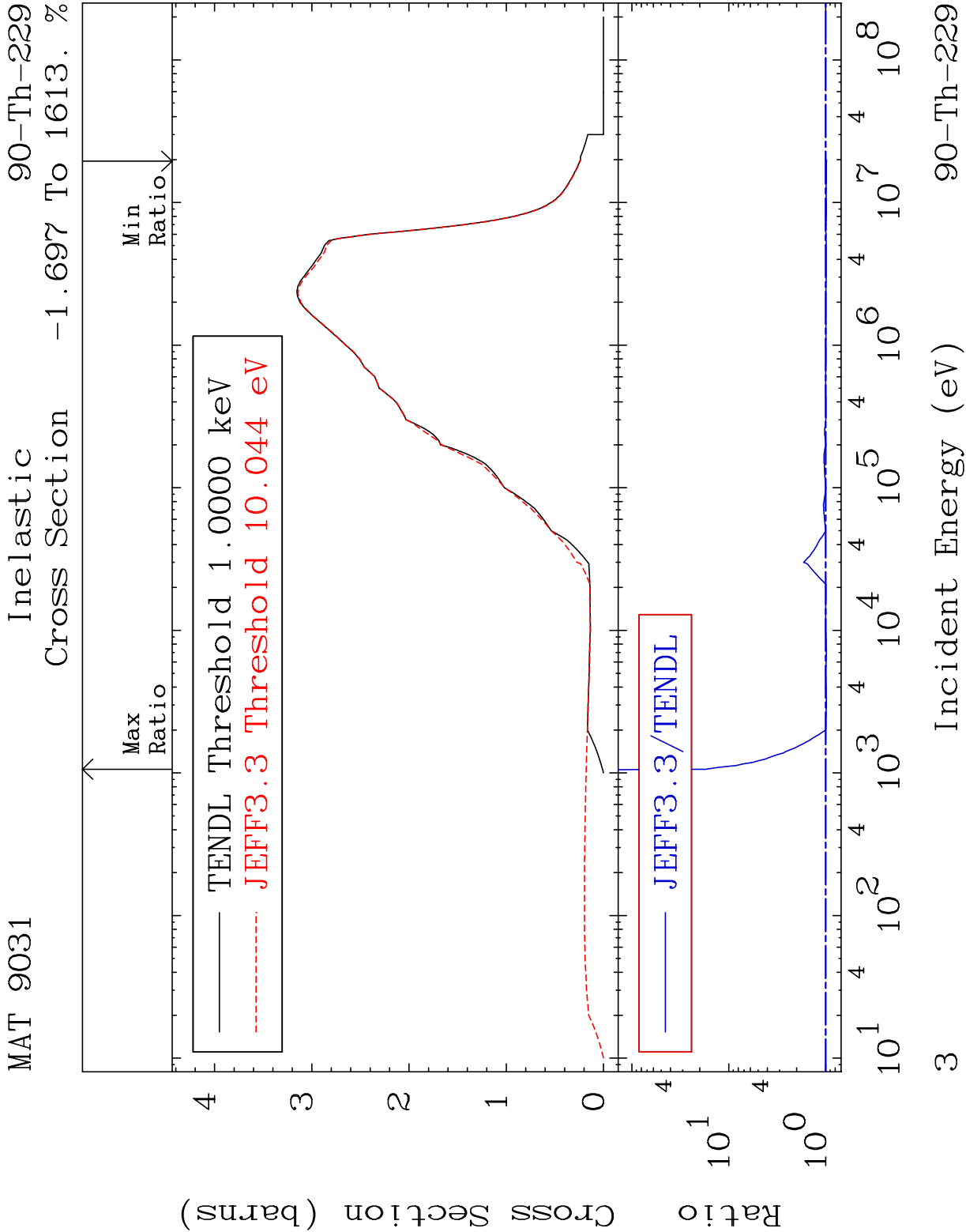
Tele: 925-443-1911

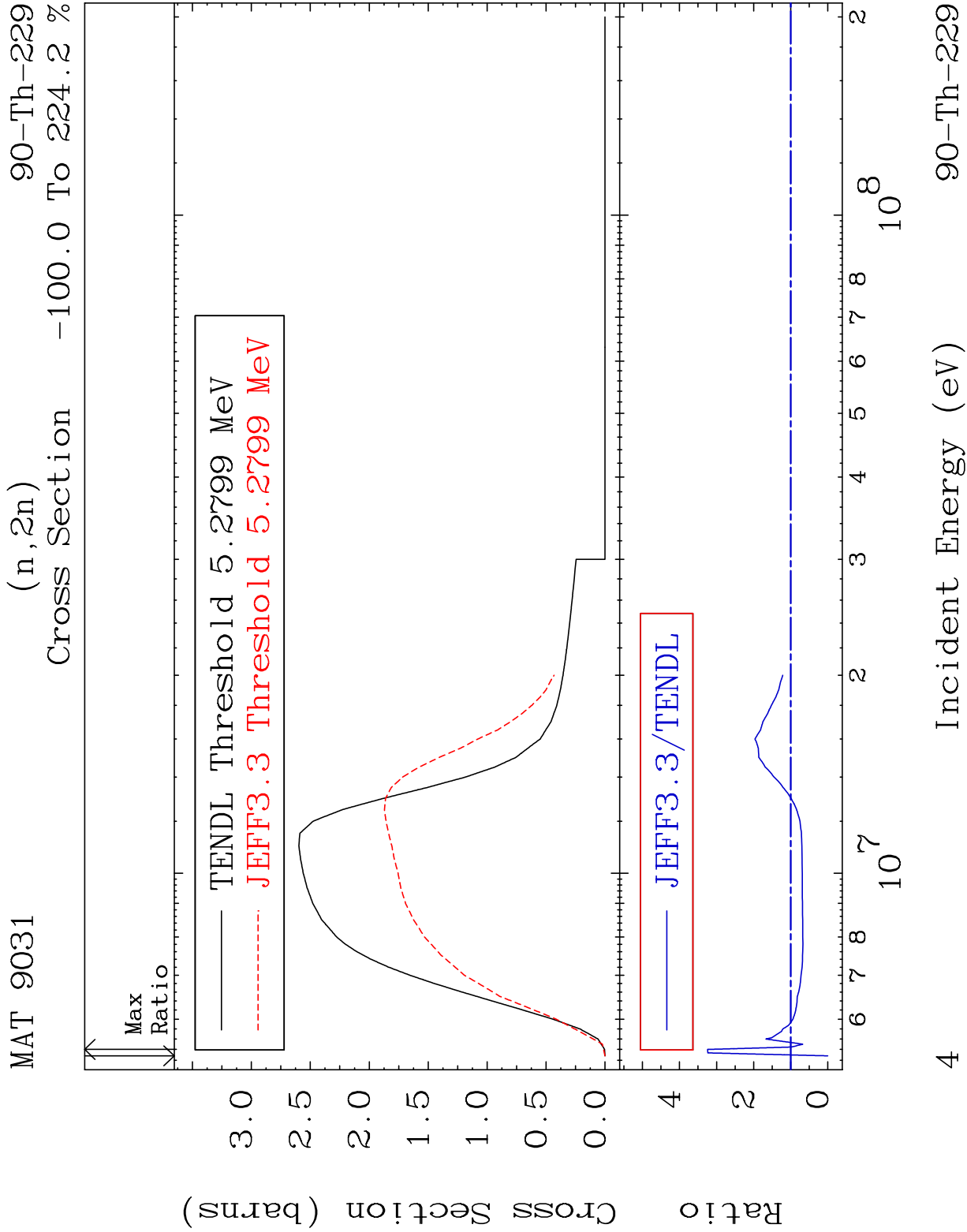
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

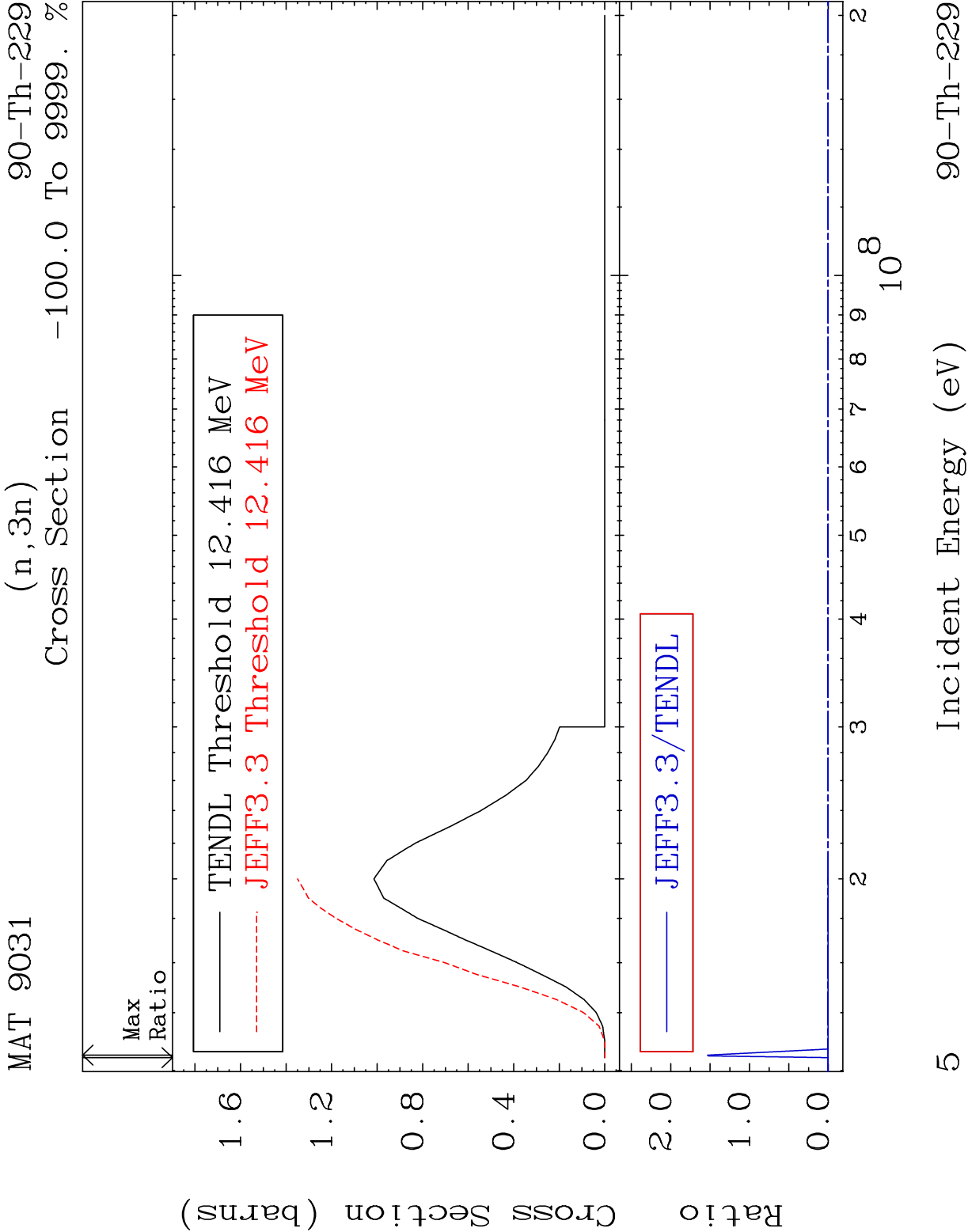
Press Mouse Button to Start









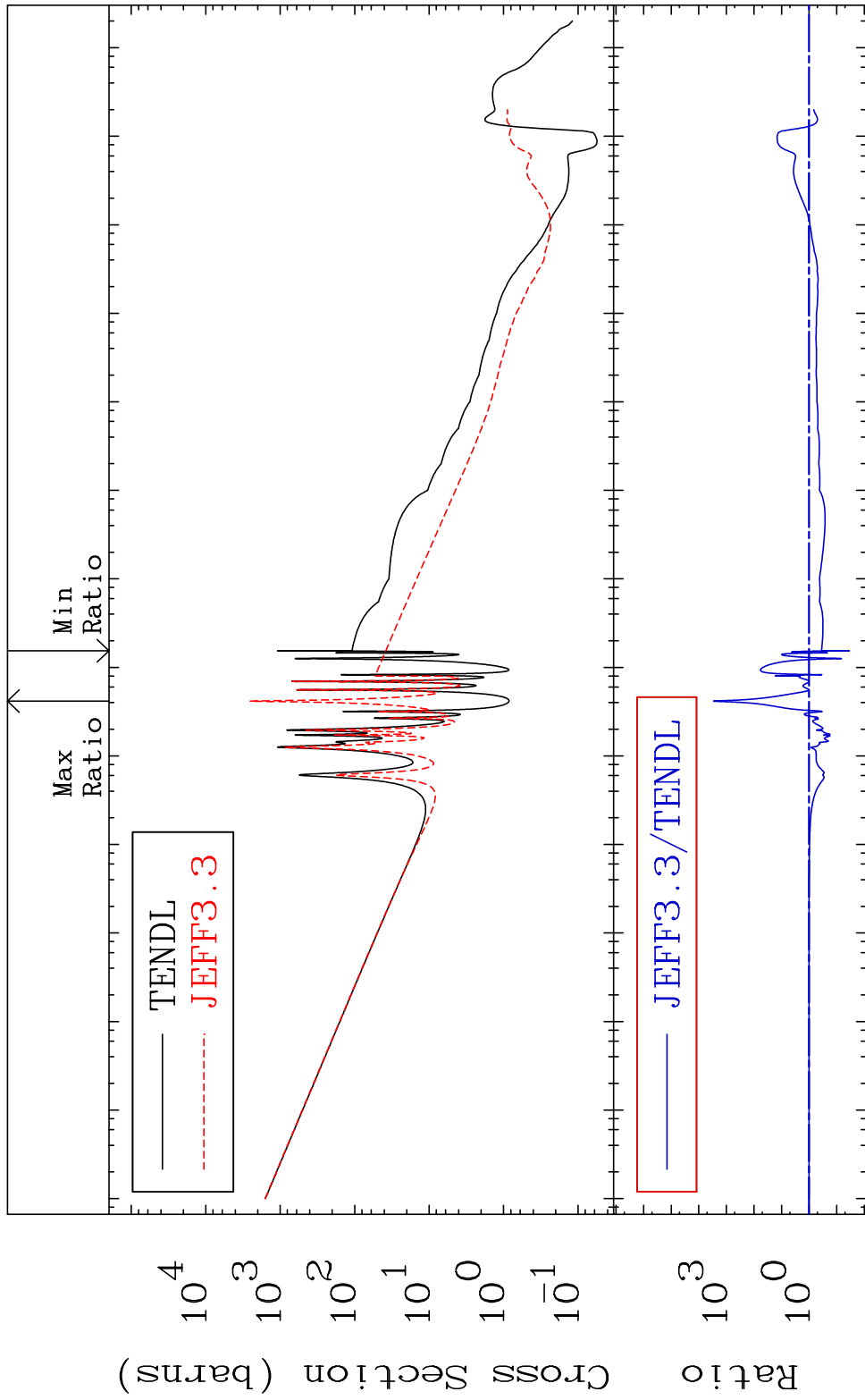


MAT 9031

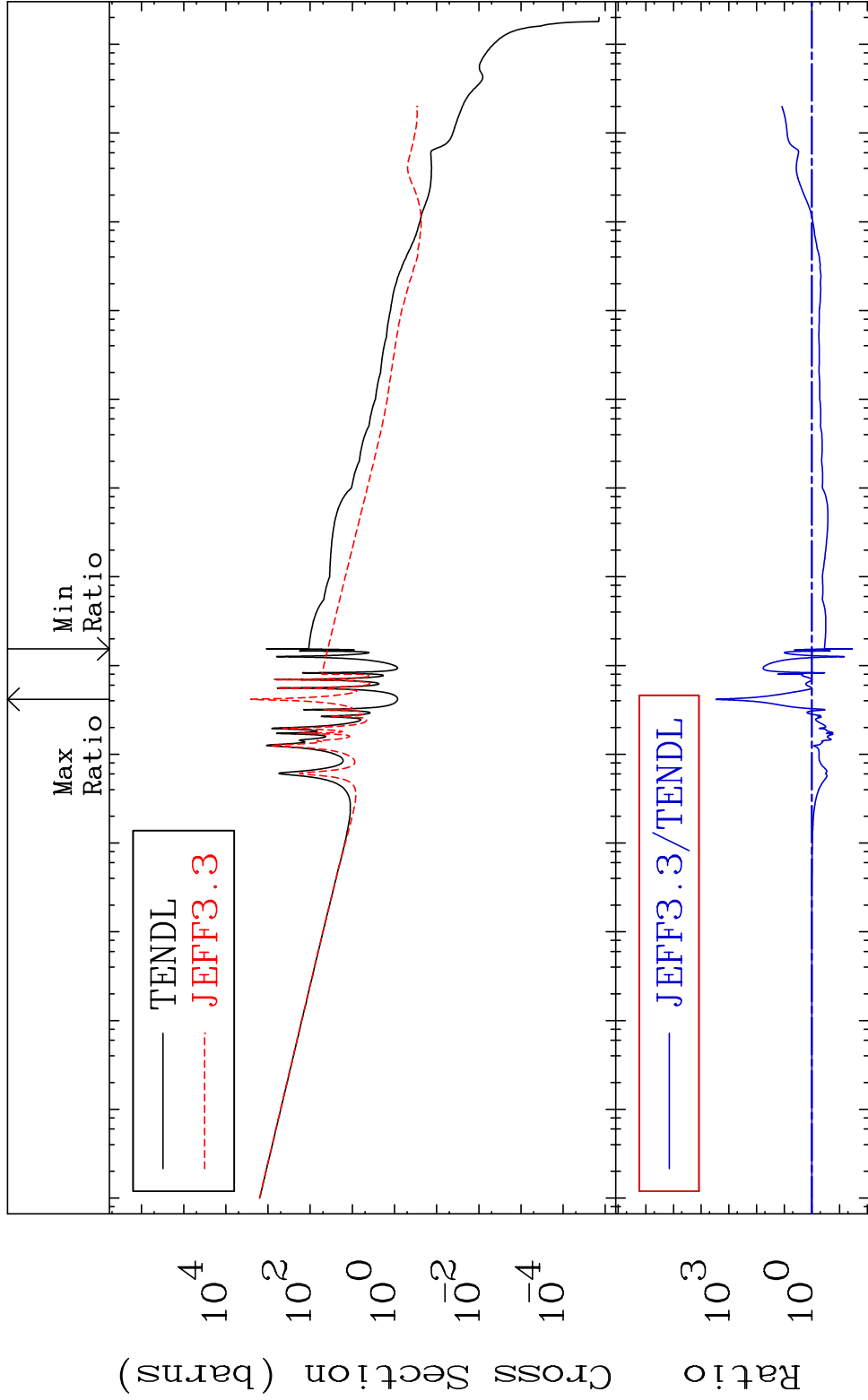
Fission

90-Th-229

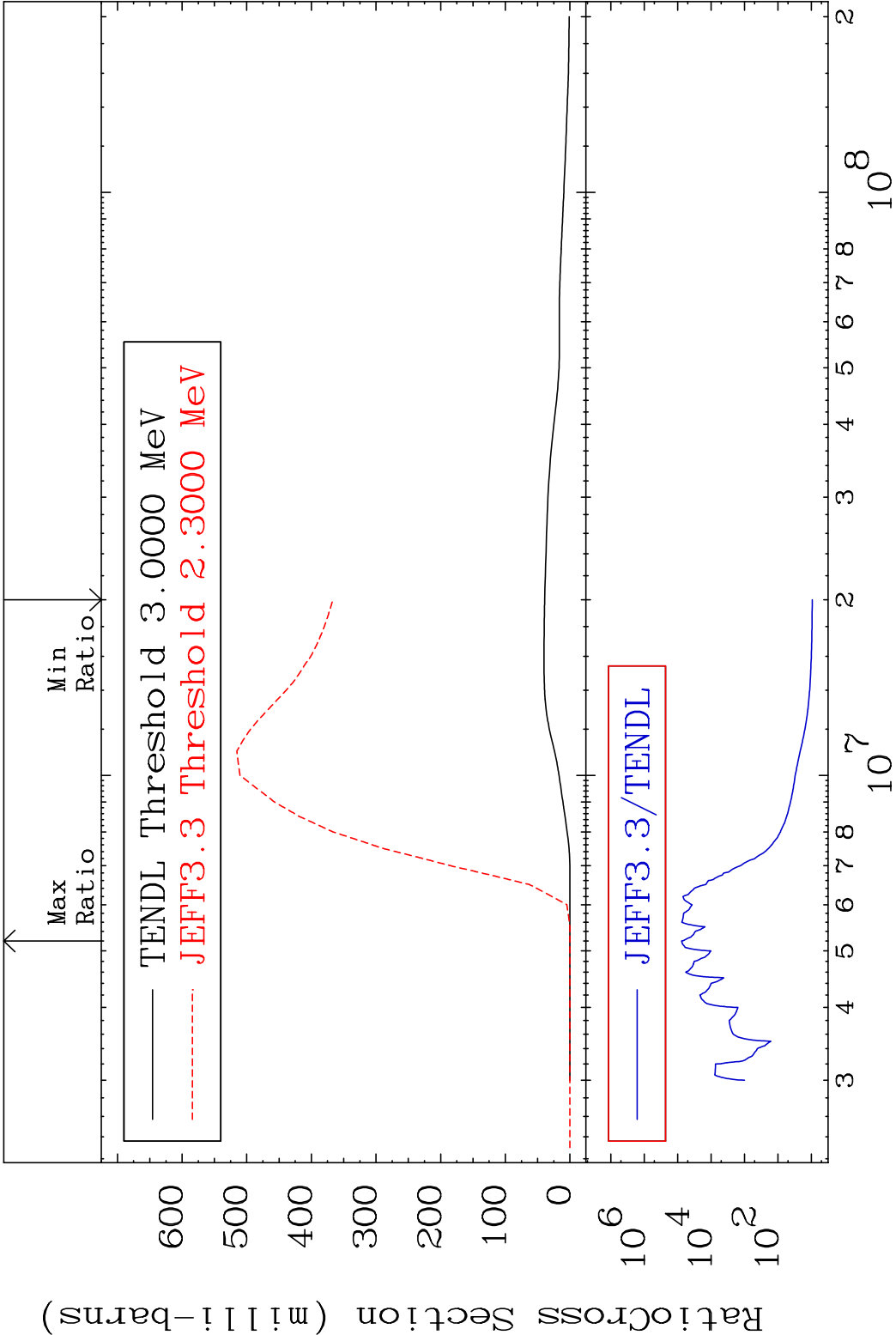
Cross Section -96.48 To 9999. %

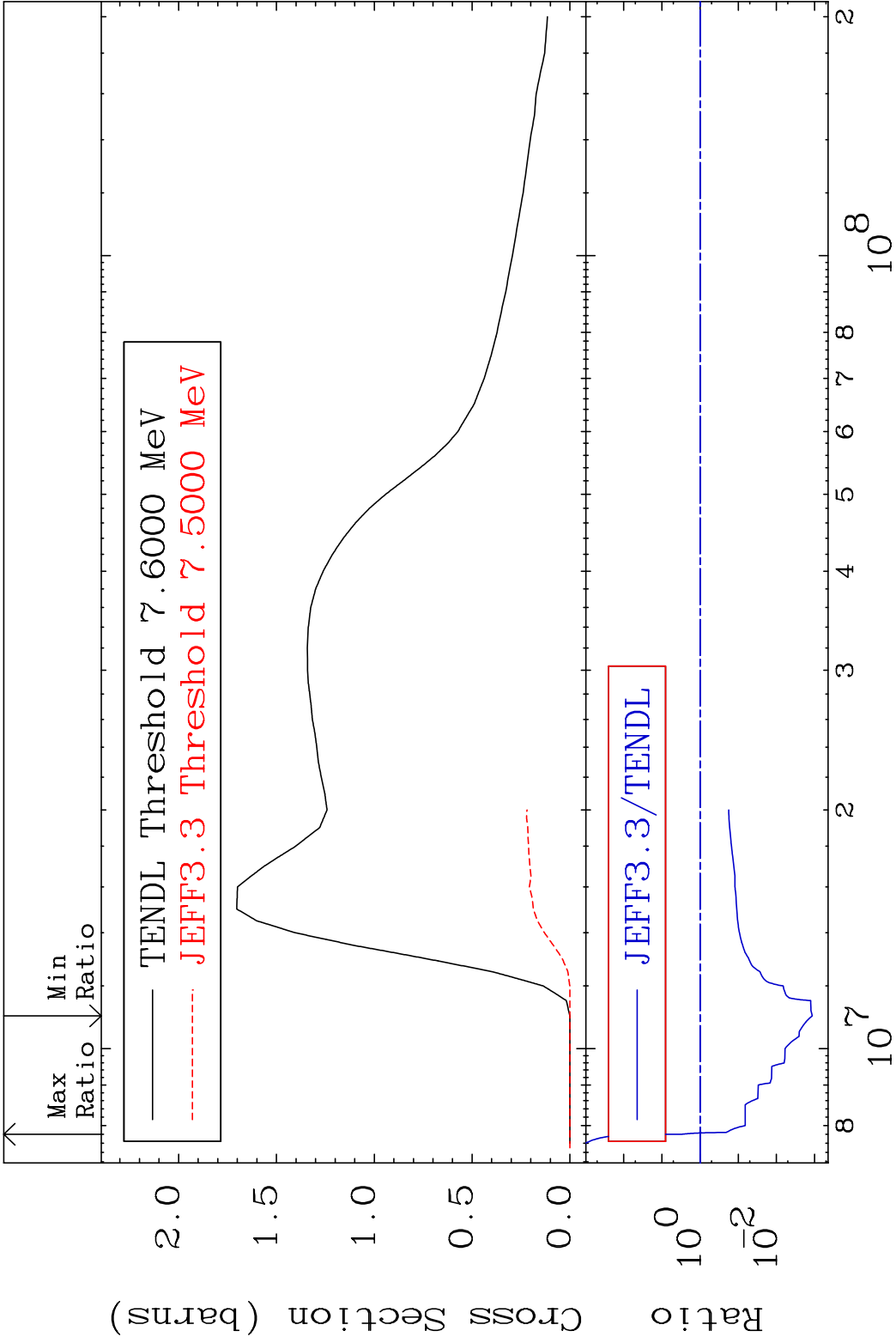


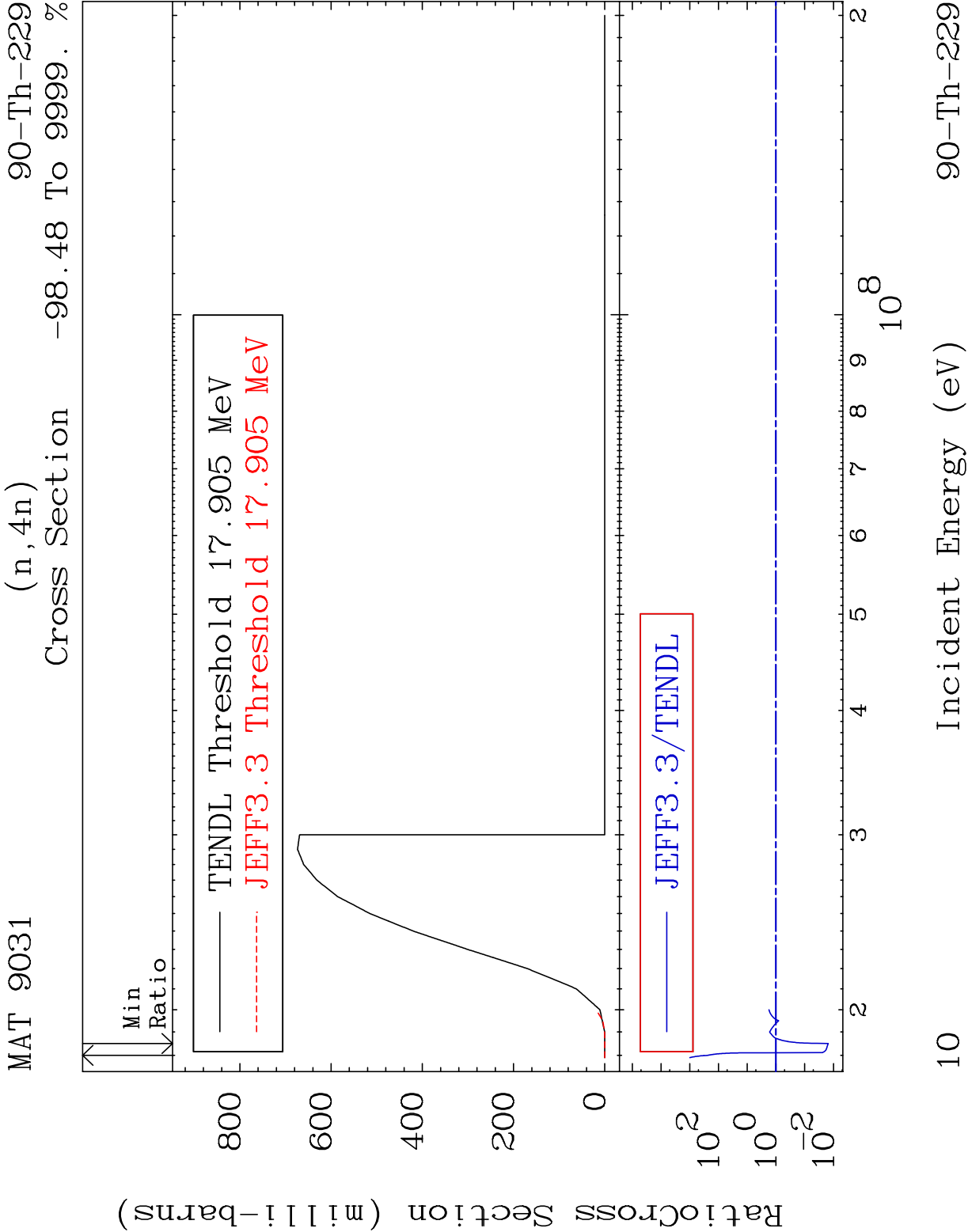
MAT 9031 (n,f) First Chance 90-Th-229
Cross Section -96.48 To 9999. %

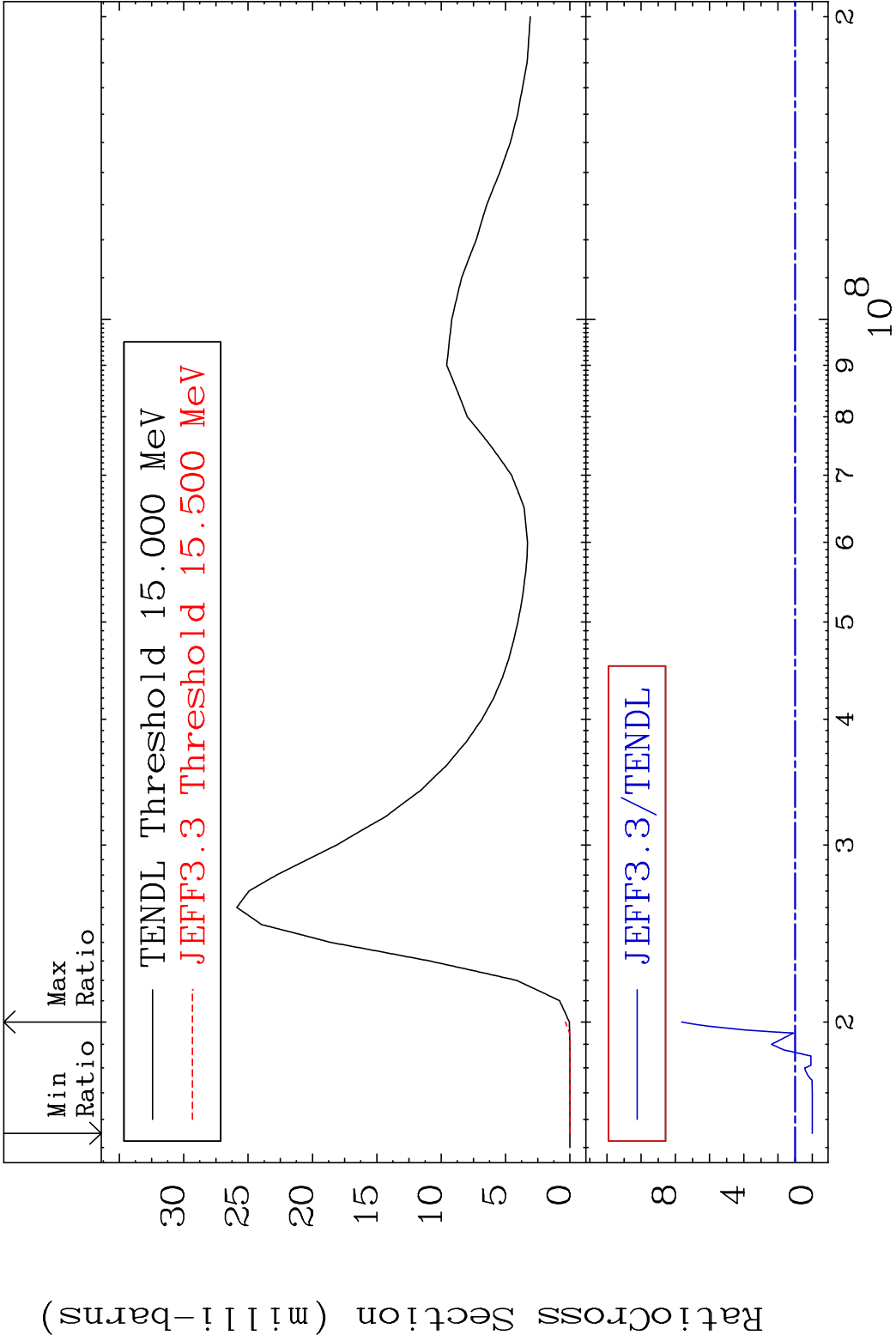


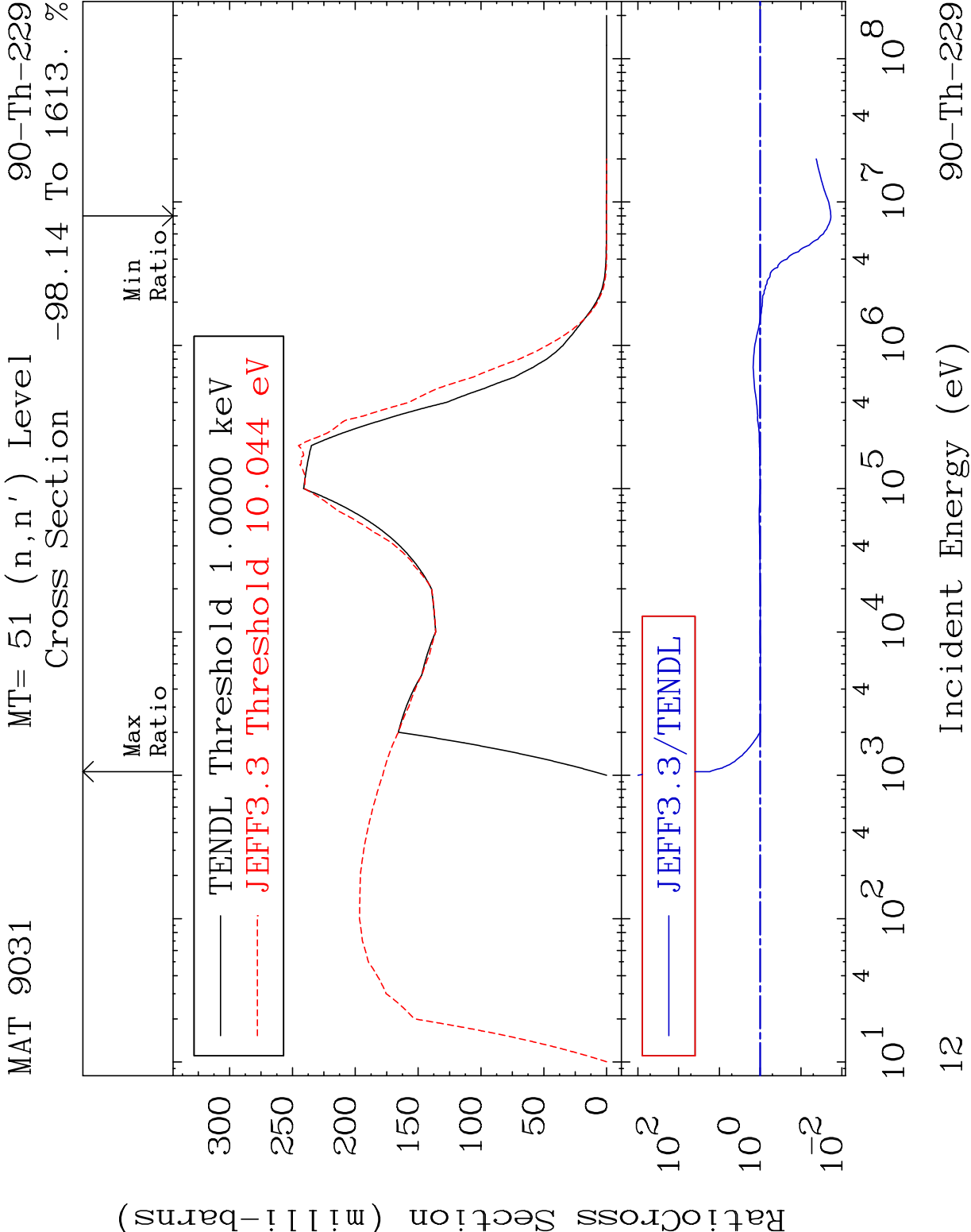
Ratio JEFF3.3/TENDL
Incident Energy (eV) 90-Th-229



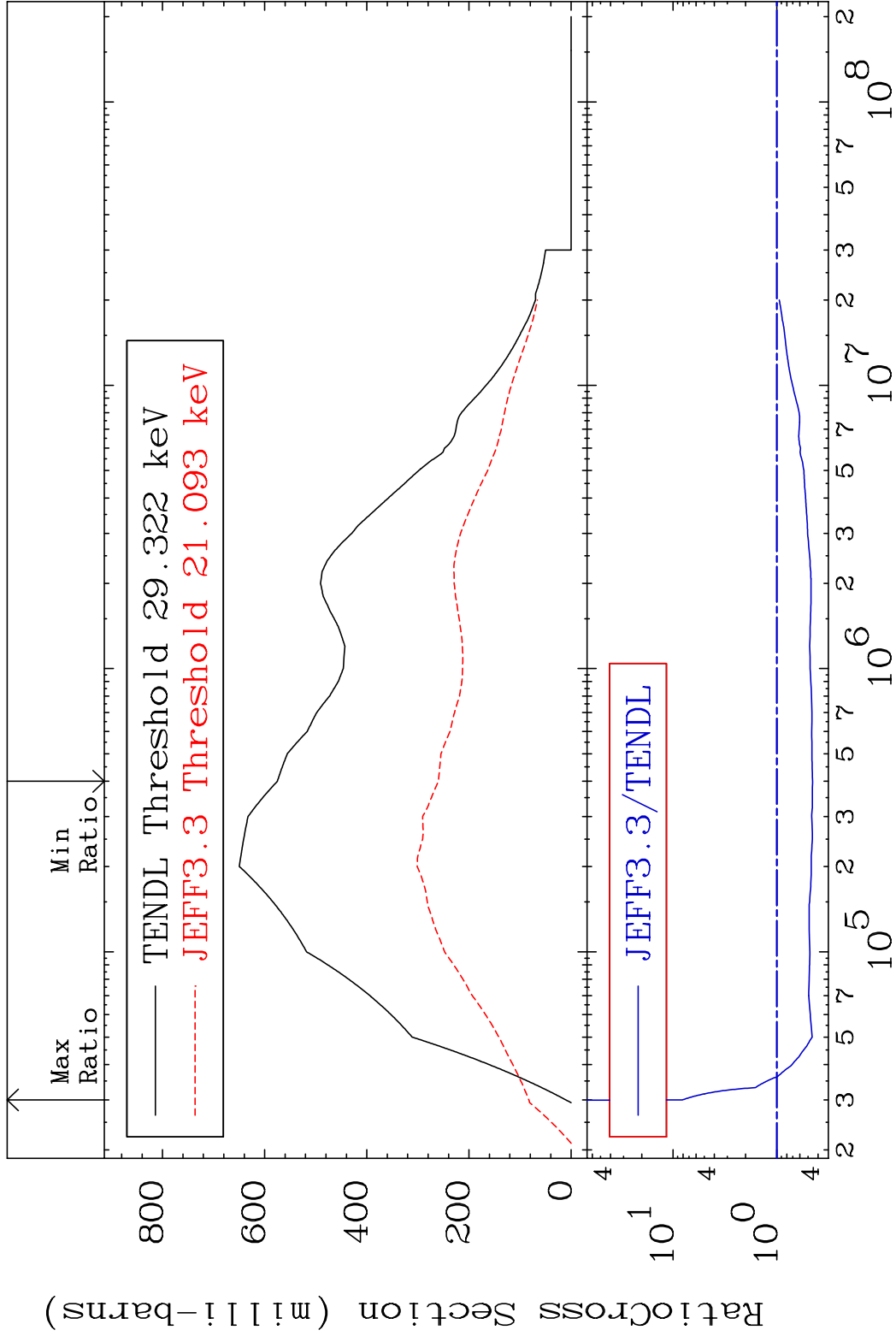








MAT 9031 MT= 52 (n,n') Level 90-Th-229
Cross Section -54.85 To 711.6 %



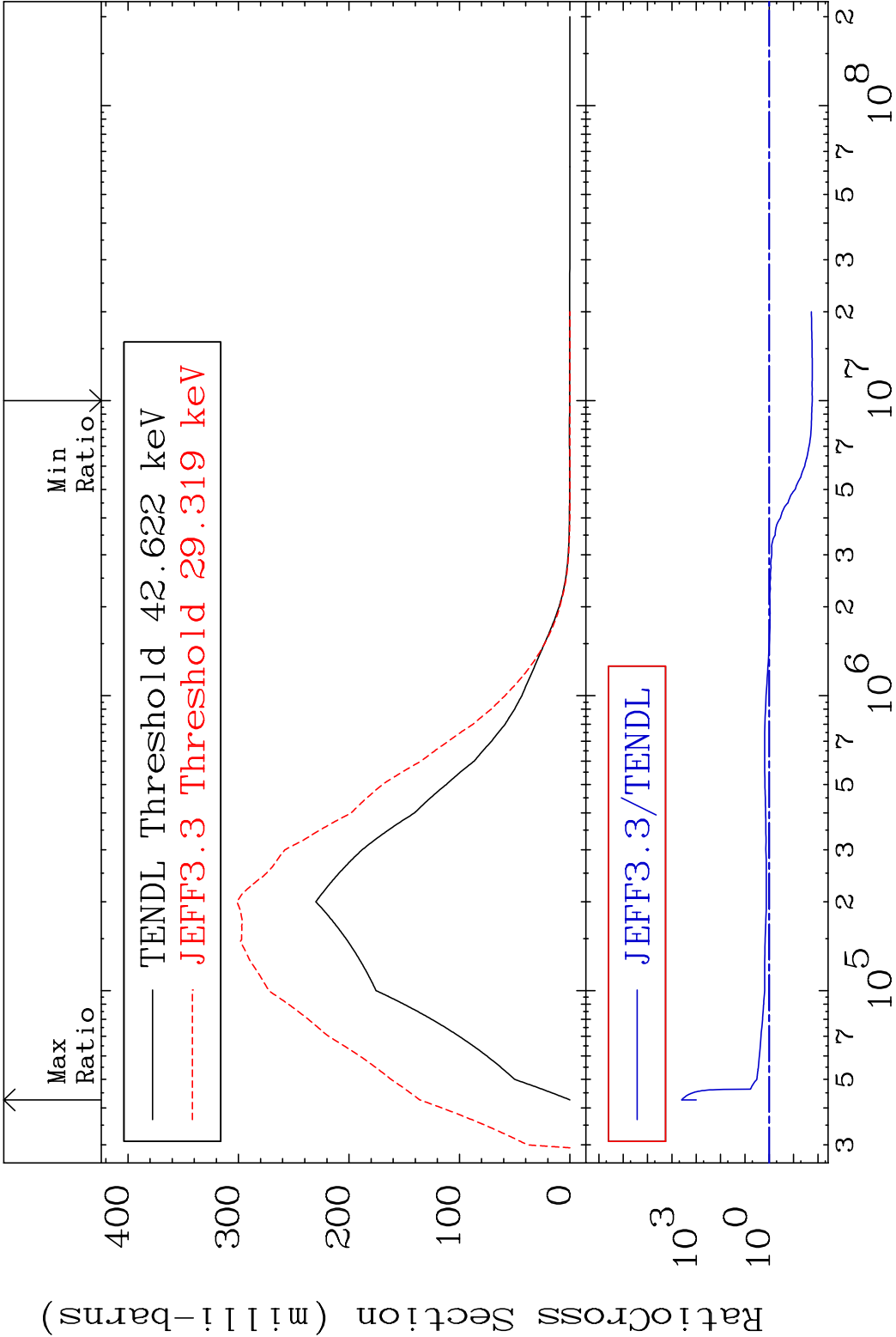
MAT 9031

MT= 53 (n,n') Level

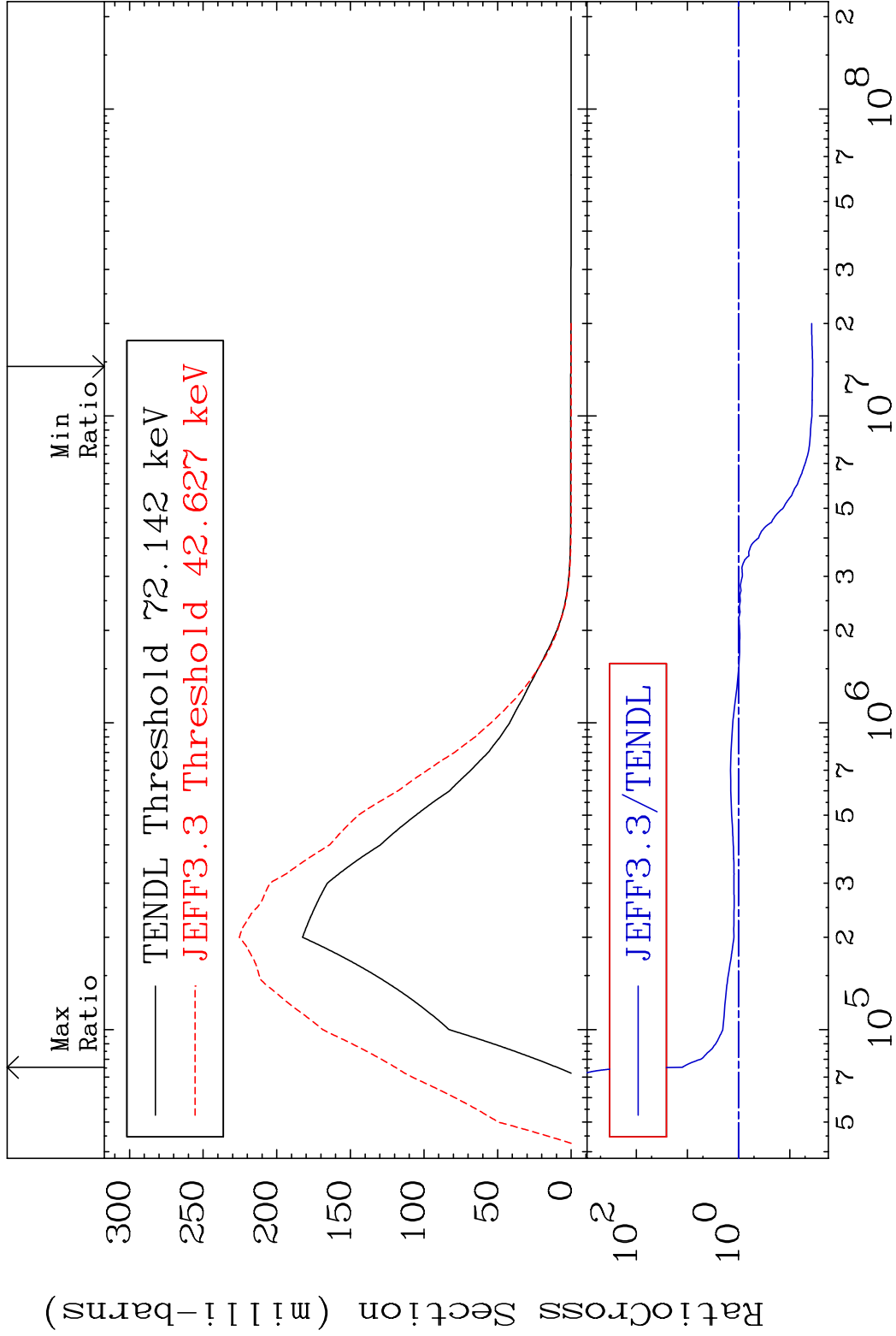
90-Th-229

Cross Section

-98.29 To 9999. %



MAT 9031 MT= 54 (n,n') Level 90-Th-229
Cross Section -96.42 To 1157. %



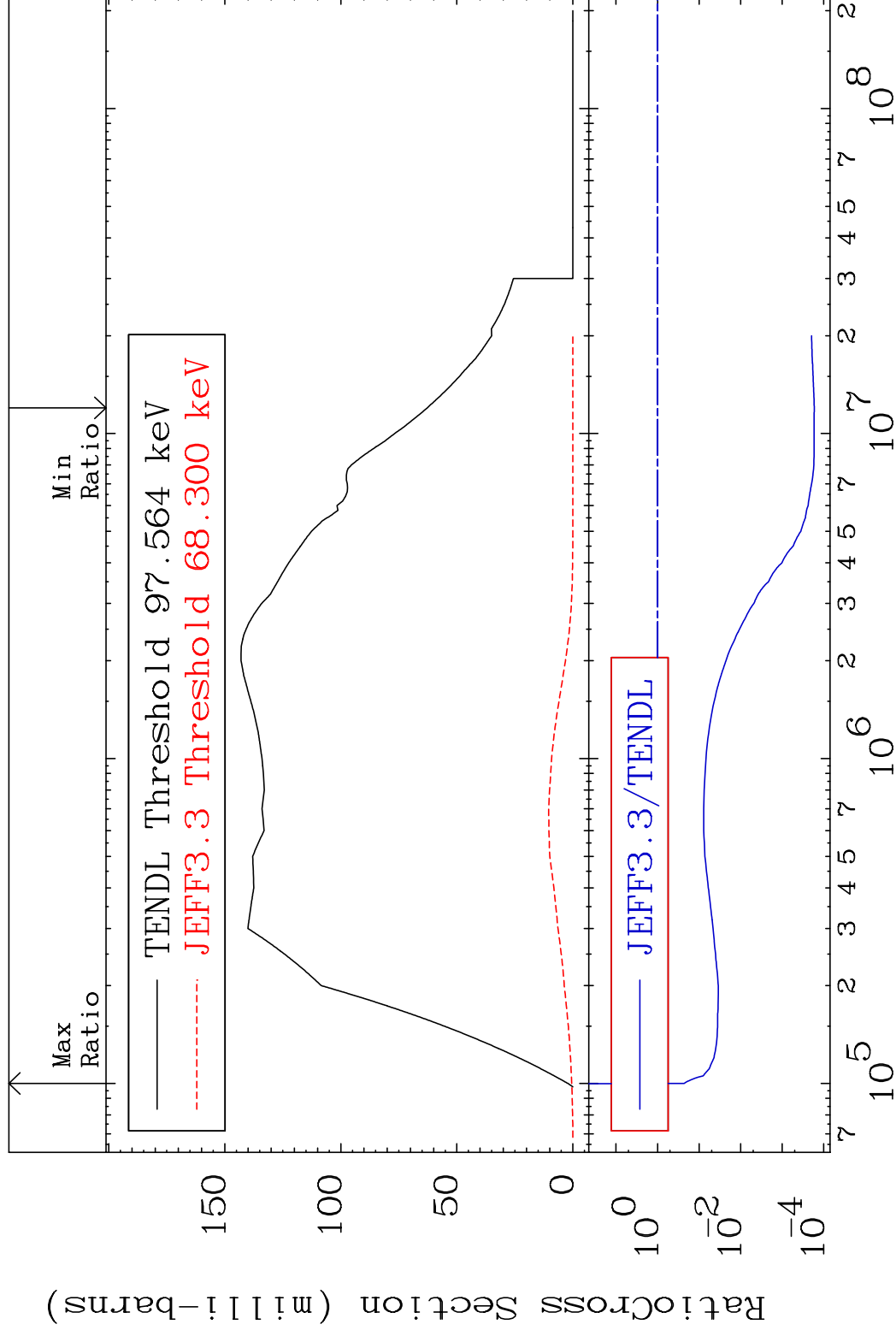
15 Incident Energy (eV) 90-Th-229

MAT 9031

MT= 55 (n, n') Level

90-Th-229

Cross Section -99.98 To -76.98%



16

Incident Energy (eV)

90-Th-229

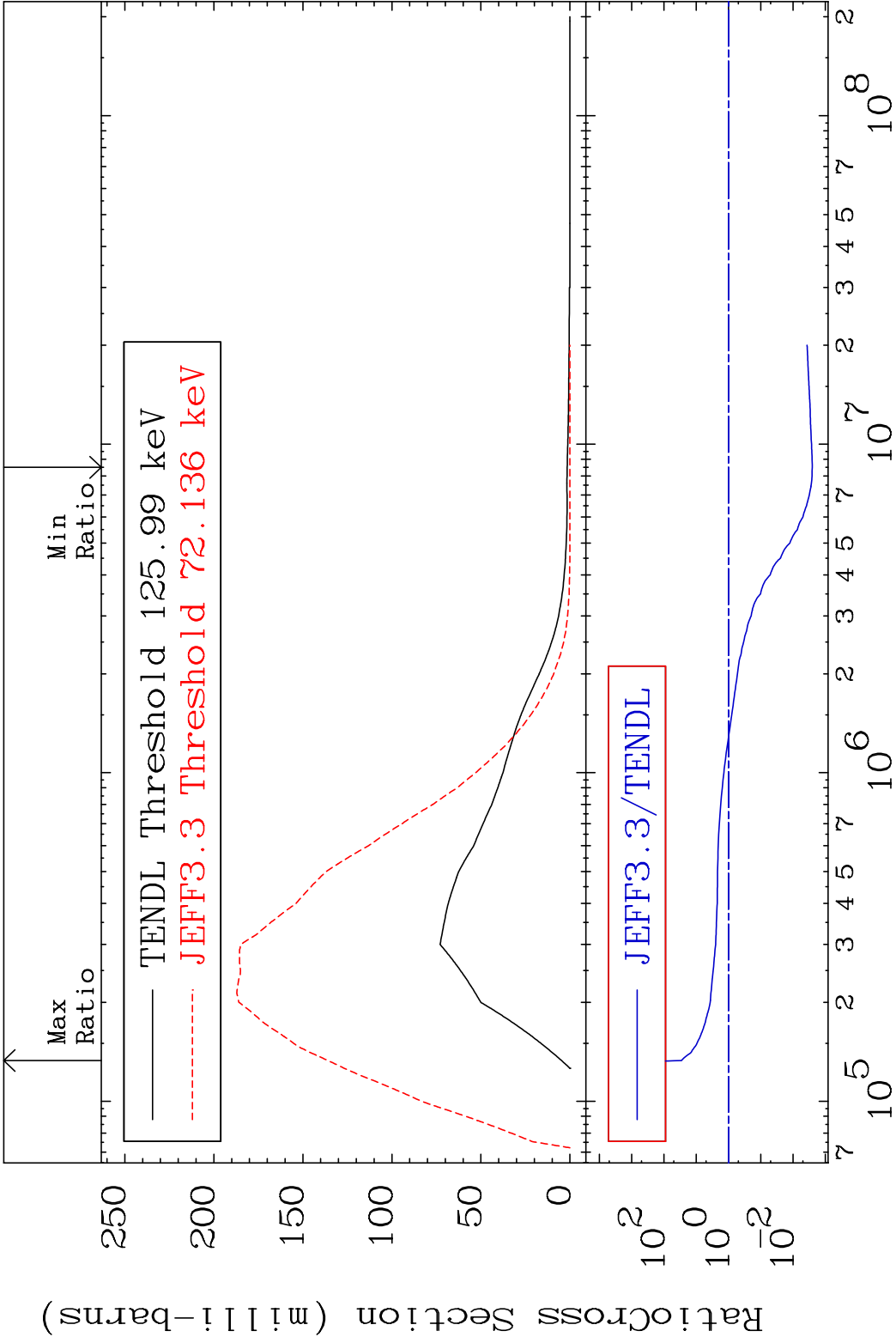
MAT 9031

MT= 56 (n,n') Level

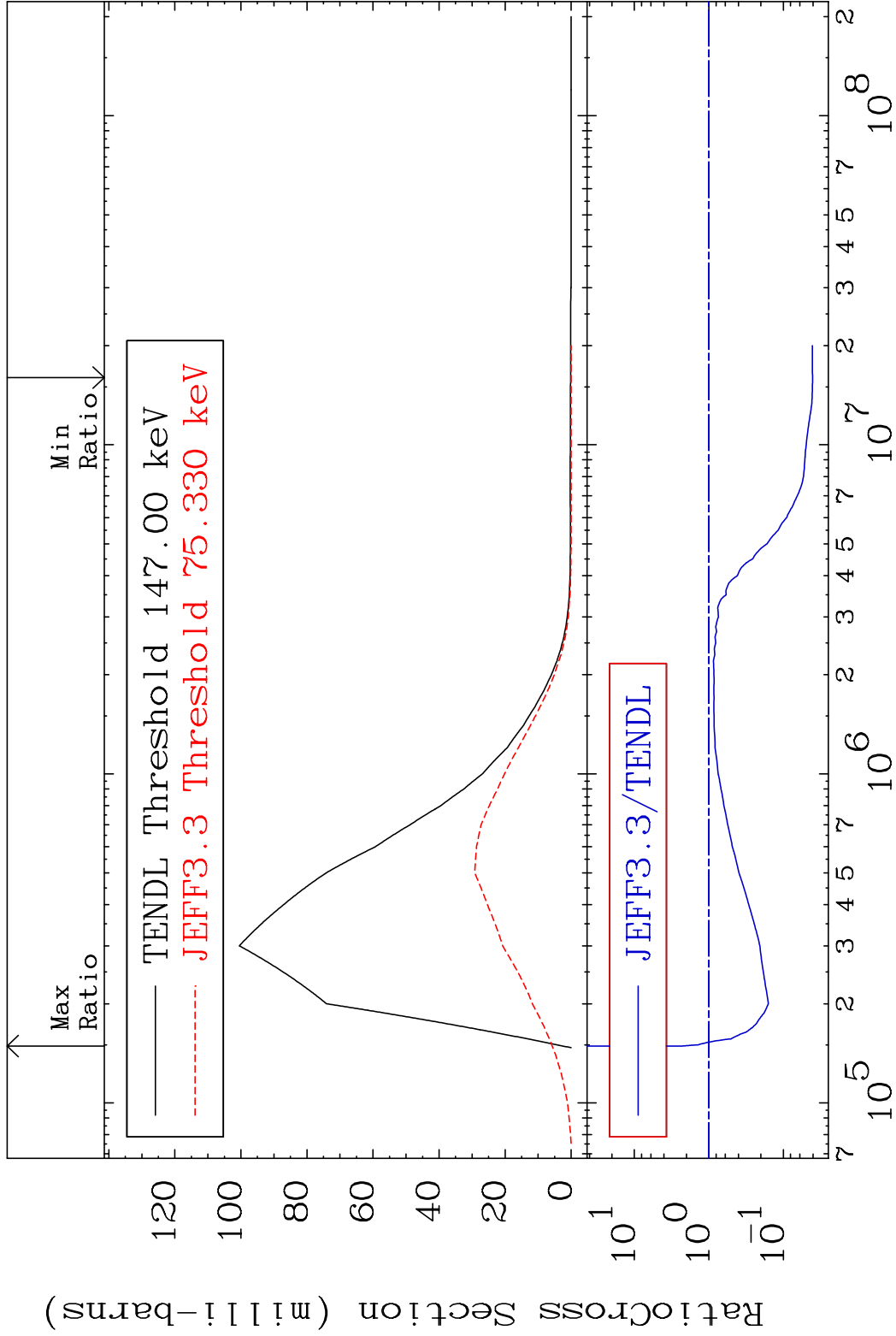
90-Th-229

Cross Section

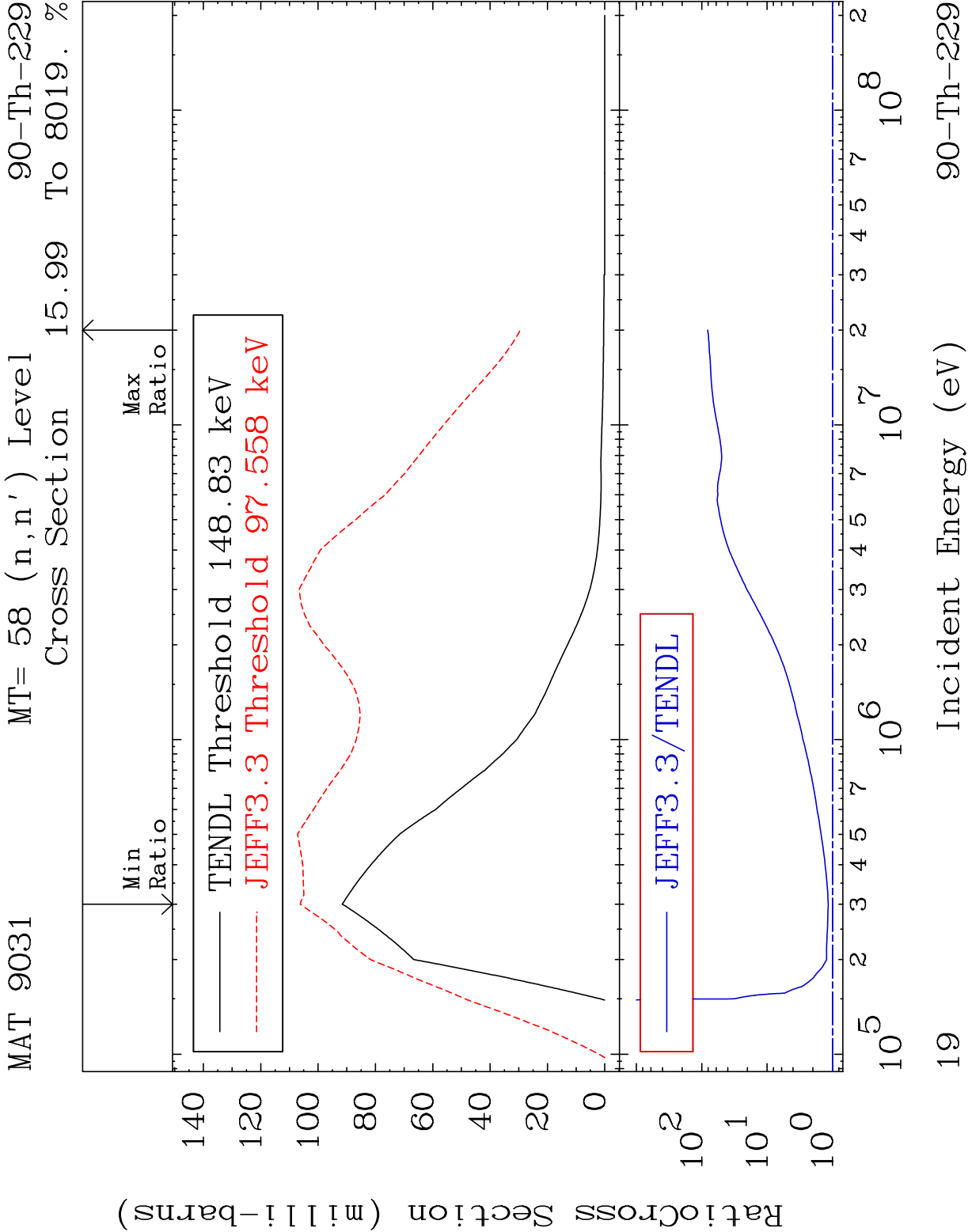
-99.74 To 2773. %

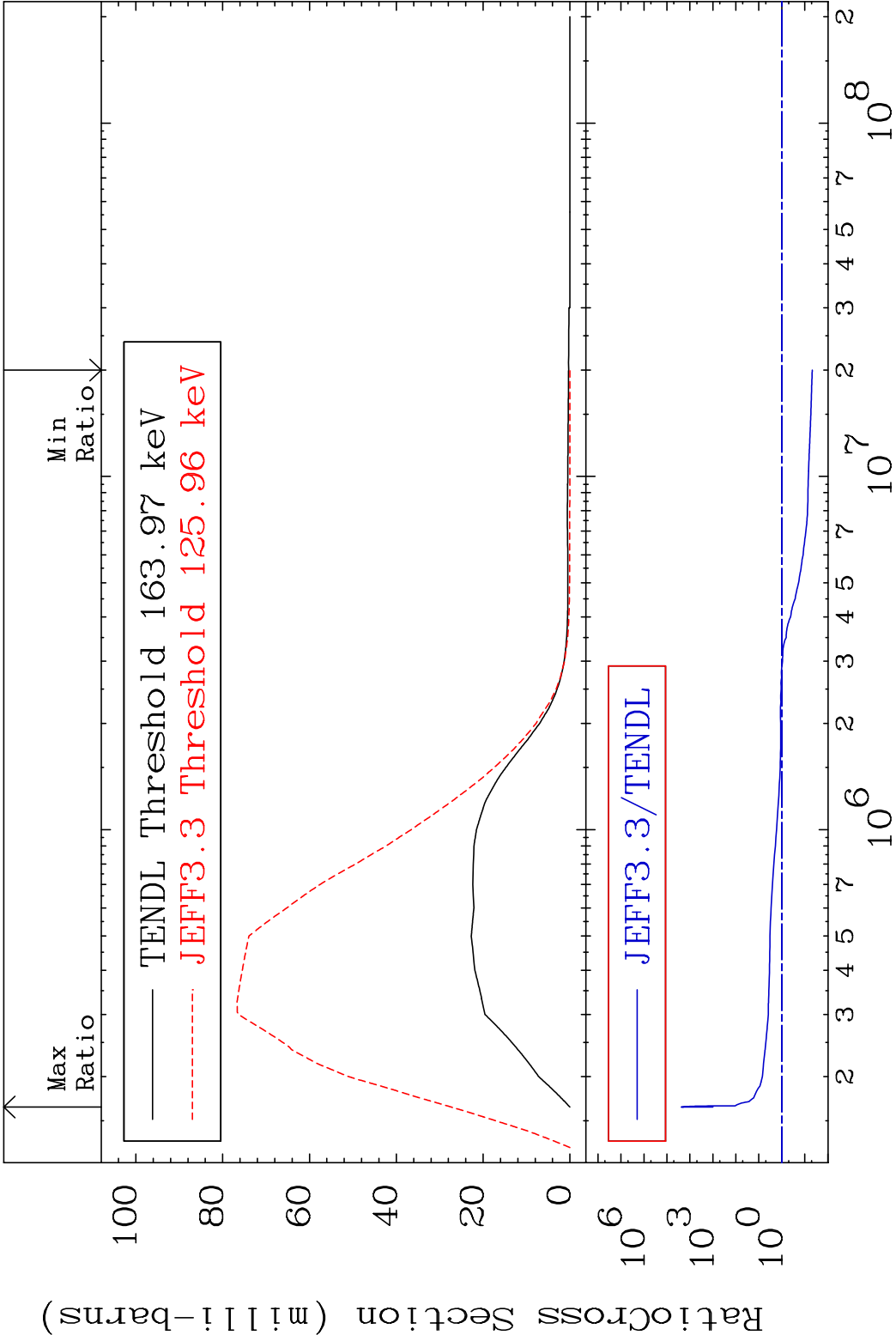


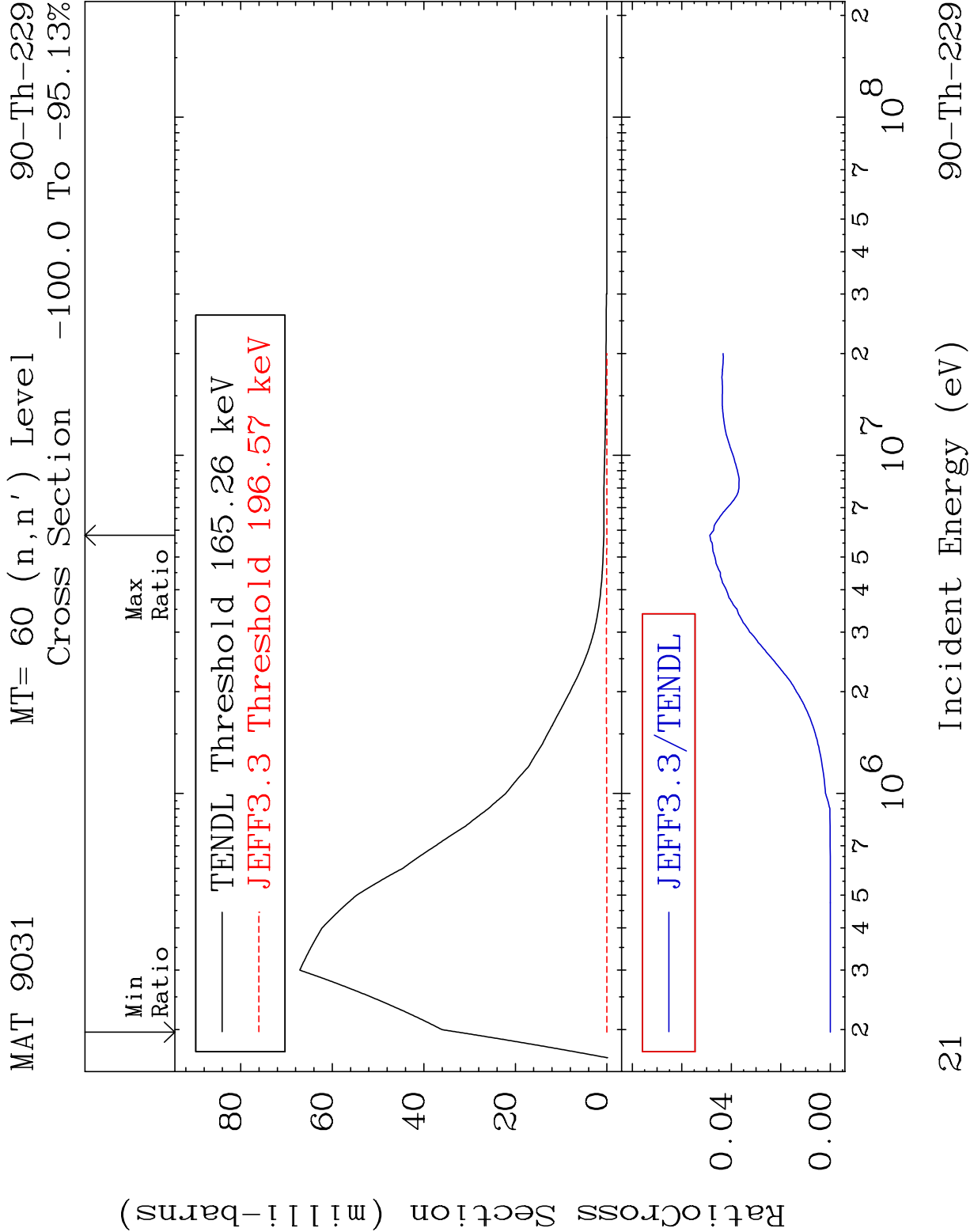
MAT 9031 MT= 57 (n,n') Level 90-Th-229
Cross Section -95.95 To 126.8 %



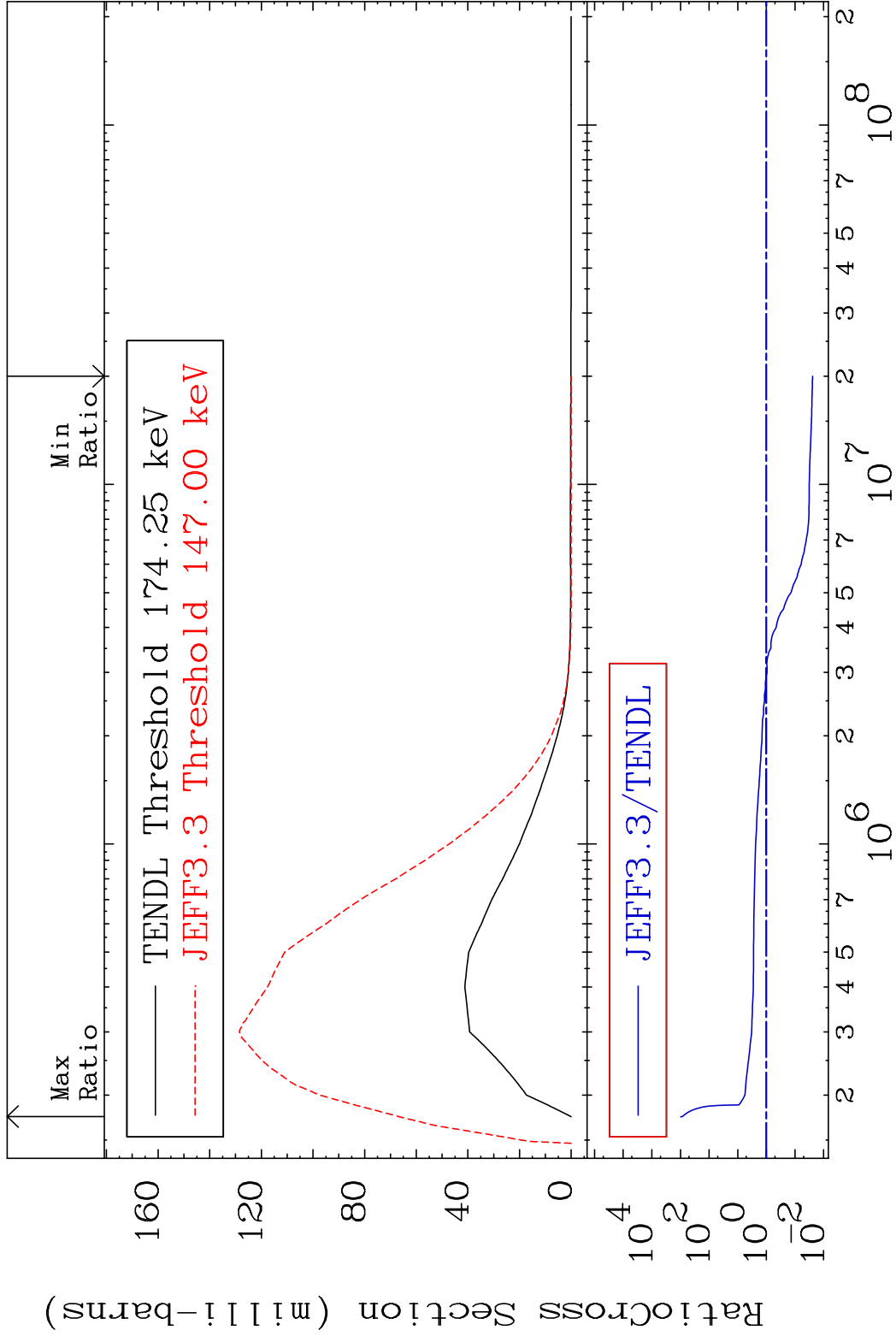
18 Incident Energy (eV) 90-Th-229







MAT 9031 MT= 61 (n,n') Level 90-Th-229
Cross Section -97.56 To 9999. %



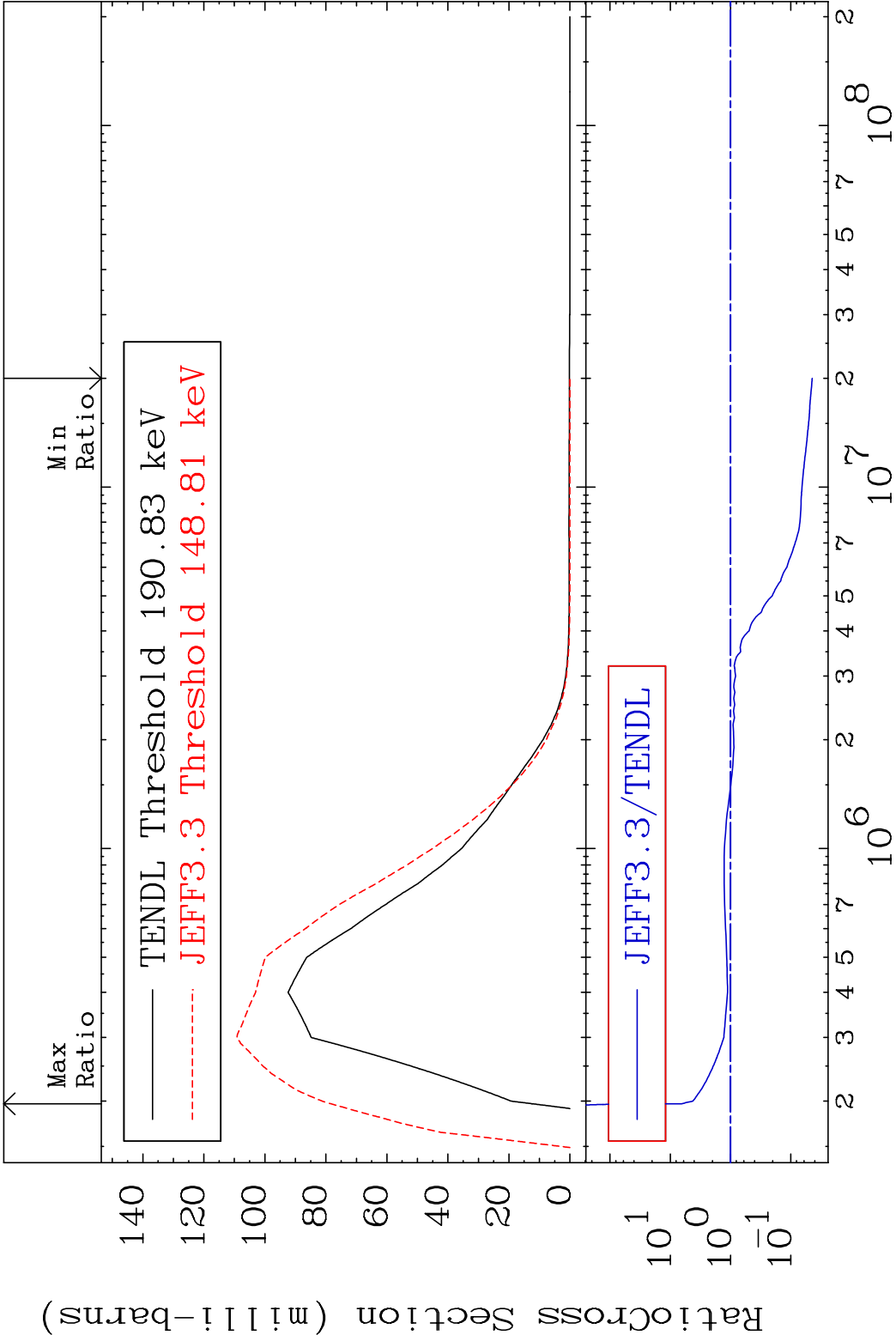
MAT 9031

MT= 62 (n,n') Level

90-Th-229

Cross Section

-95.60 To 550.0 %



MAT 9031

MT= 63 (n,n')

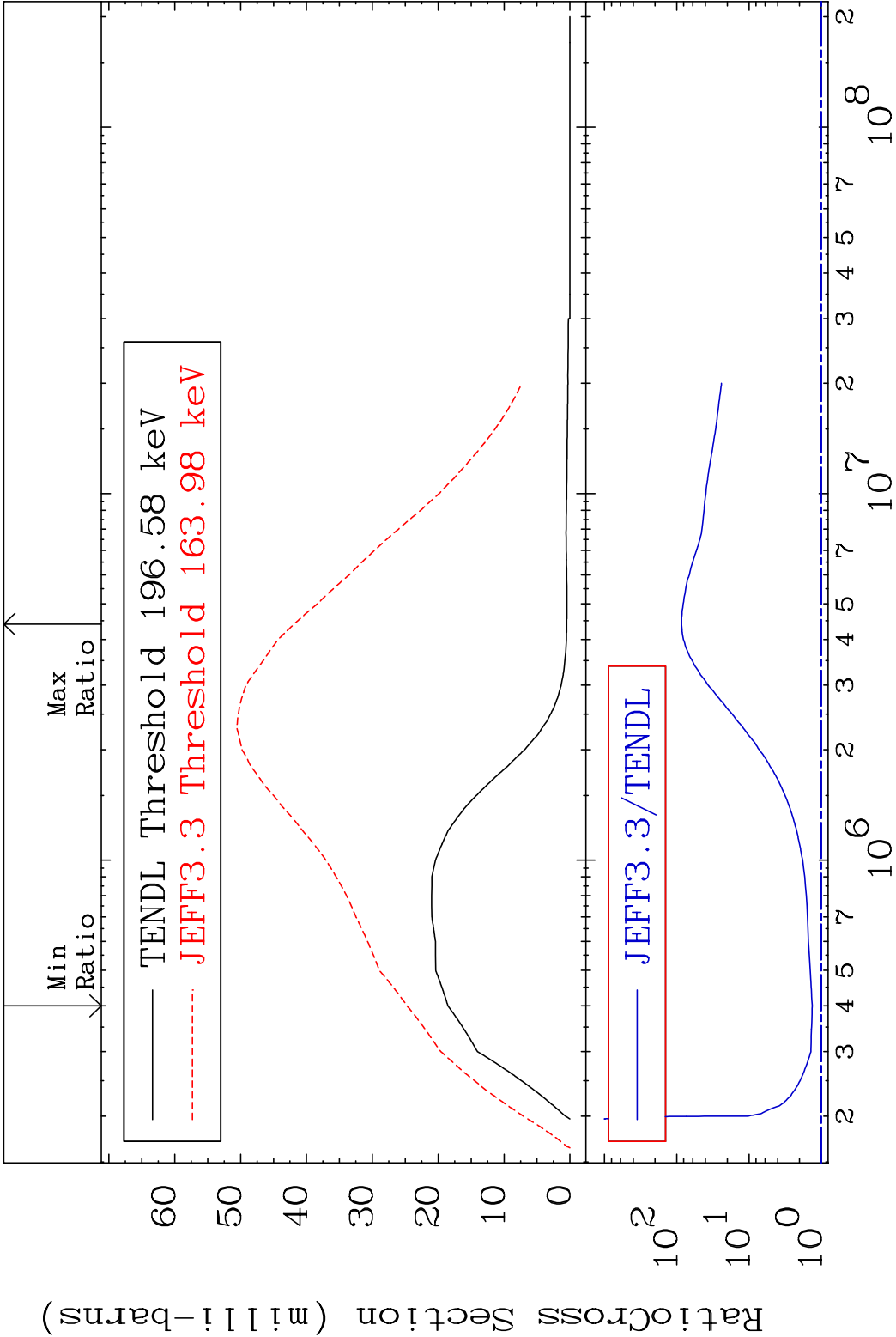
Level

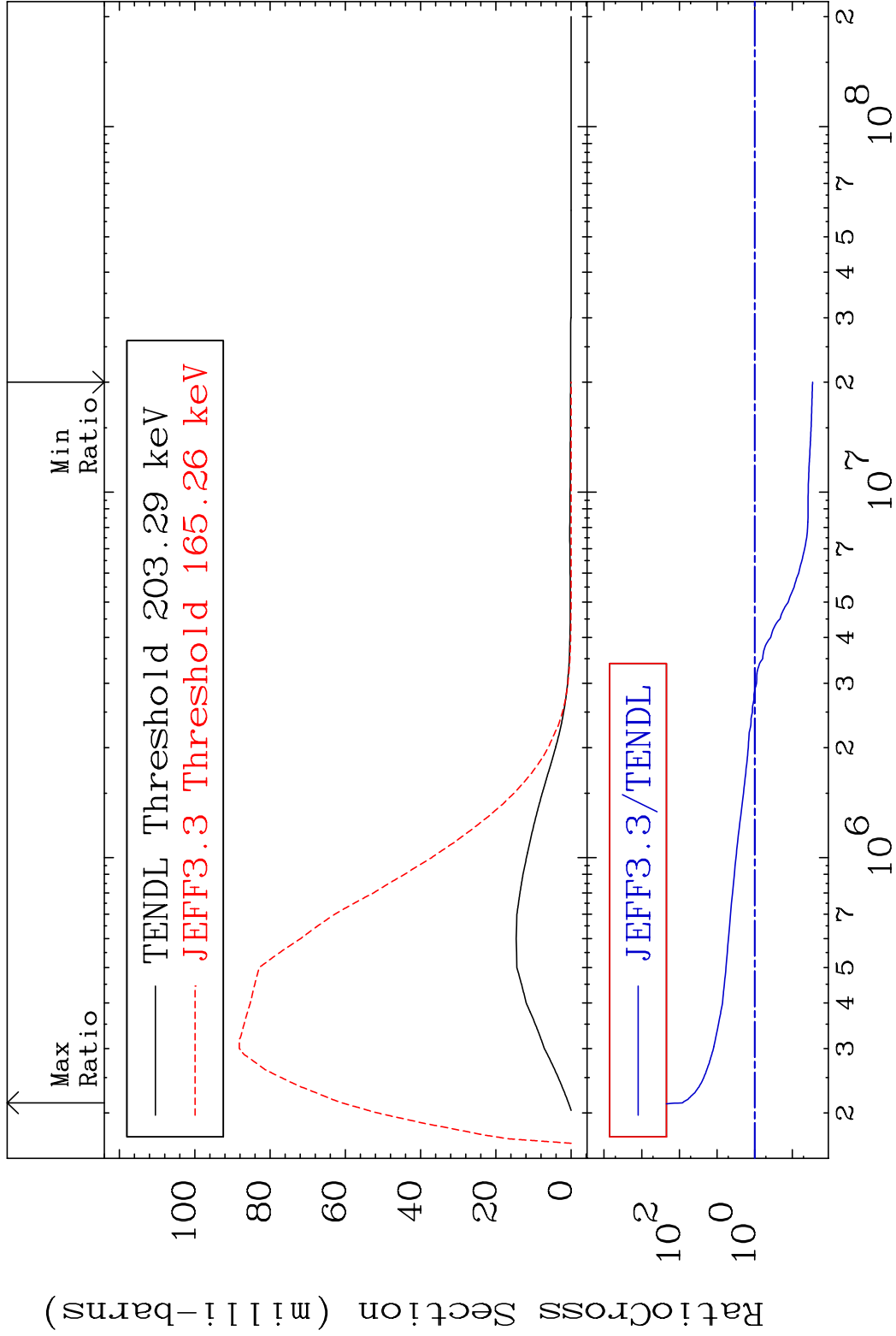
90-Th-229

Cross Section

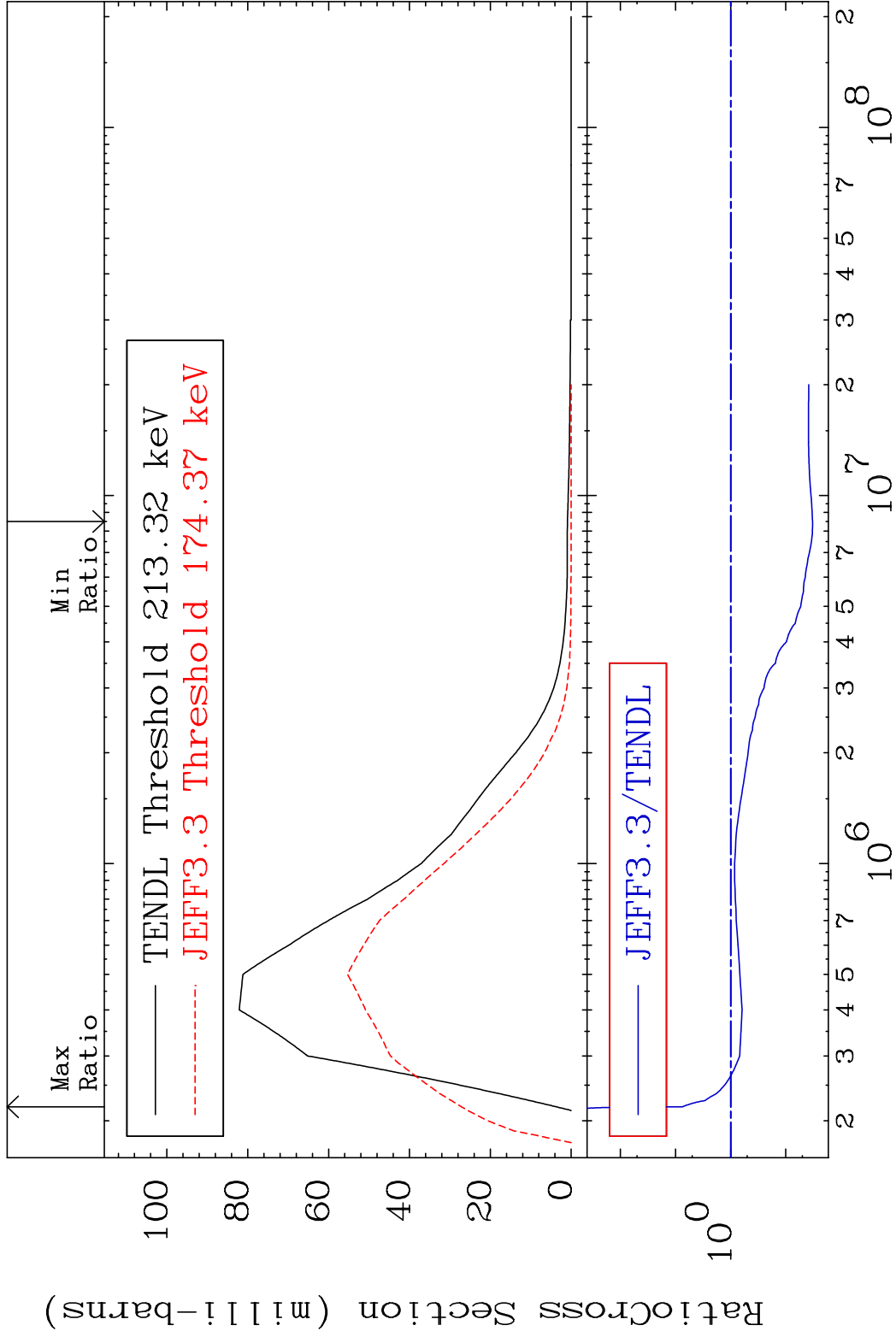
33.51

To 8478. %

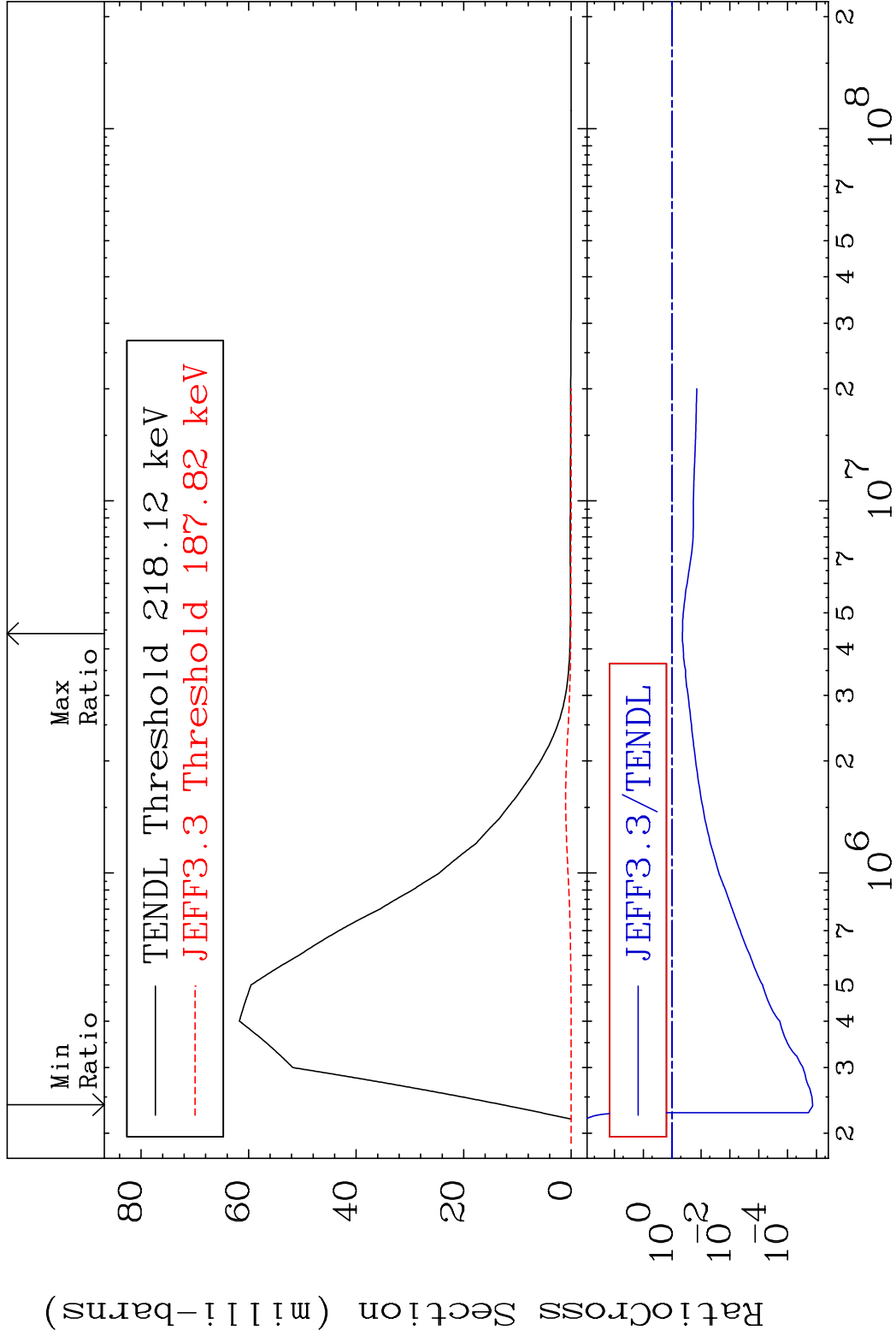


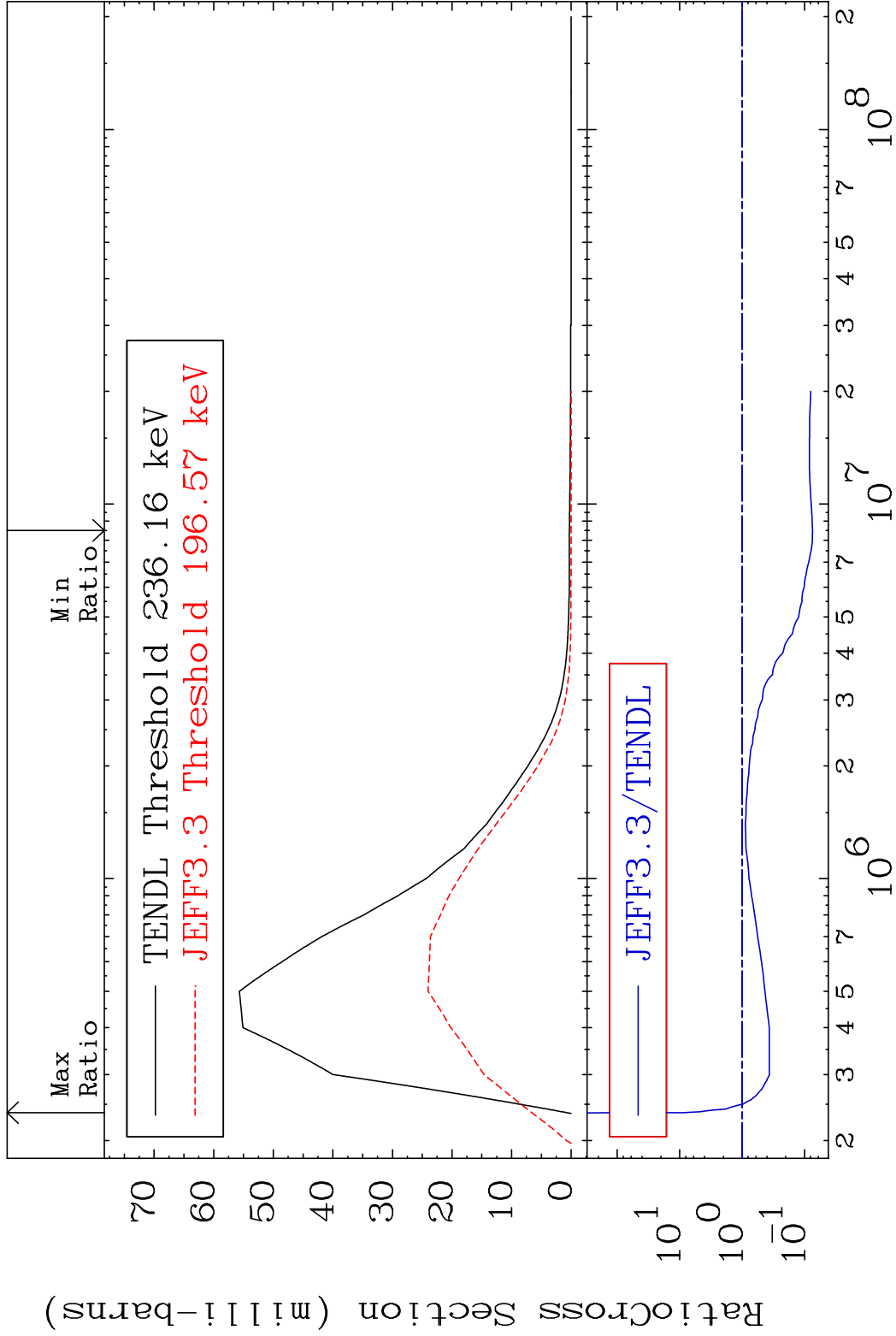


MAT 9031 MT= 65 (n,n') Level 90-Th-229
Cross Section -96.73 To 651.5 %



MAT 9031 MT= 66 (n,n') Level 90-Th-229
Cross Section -100.0 To -55.73%





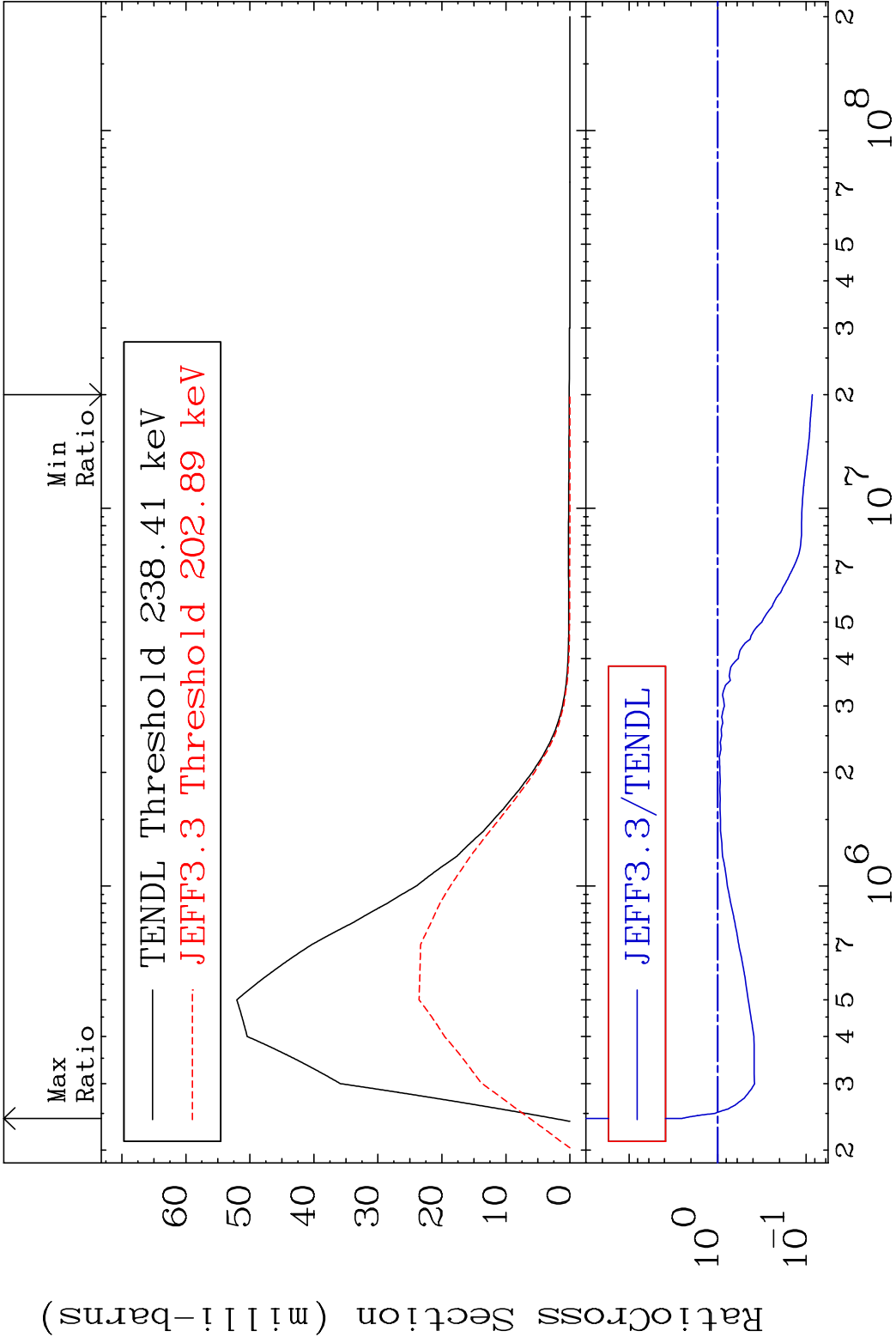
MAT 9031

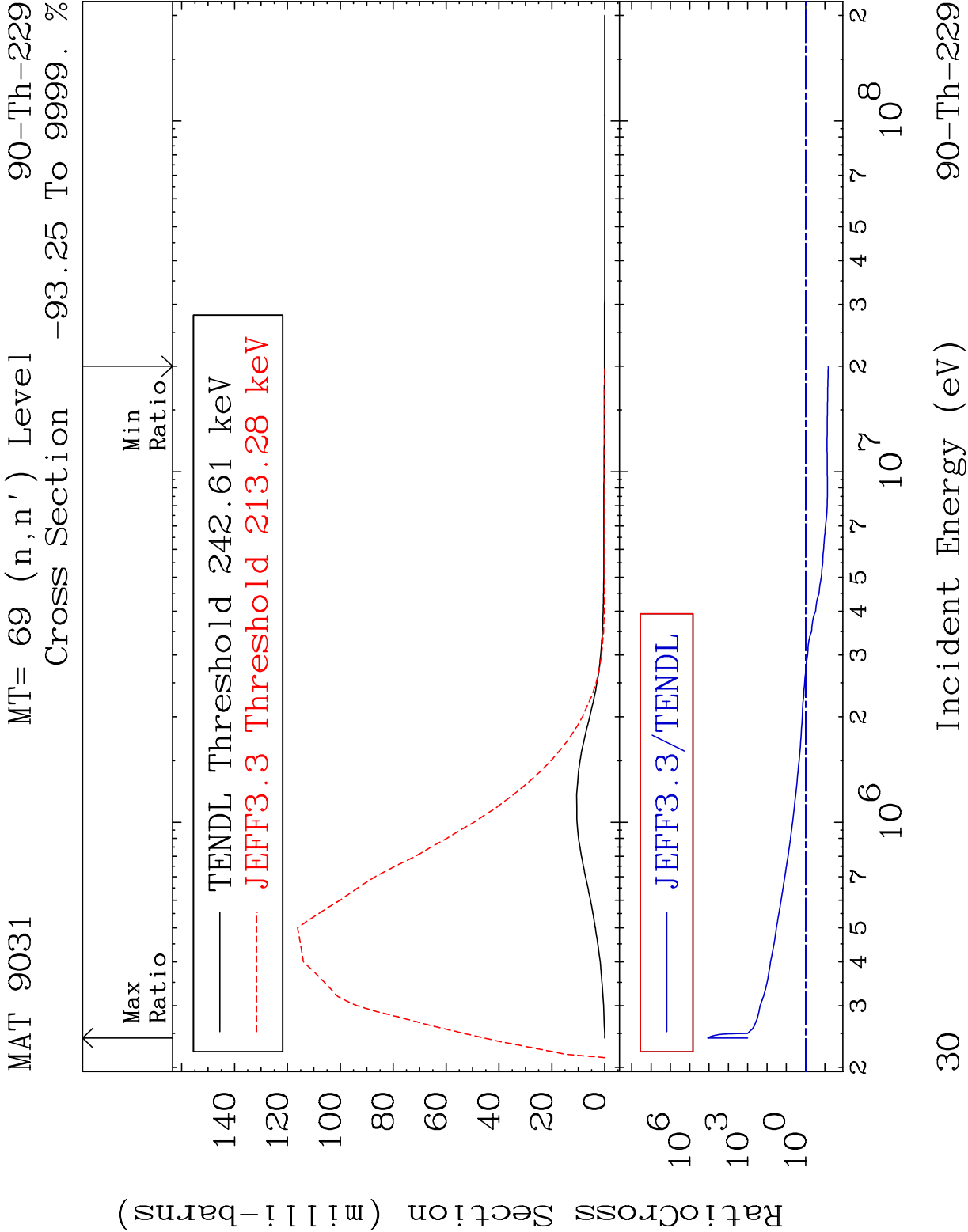
MT= 68 (n,n') Level

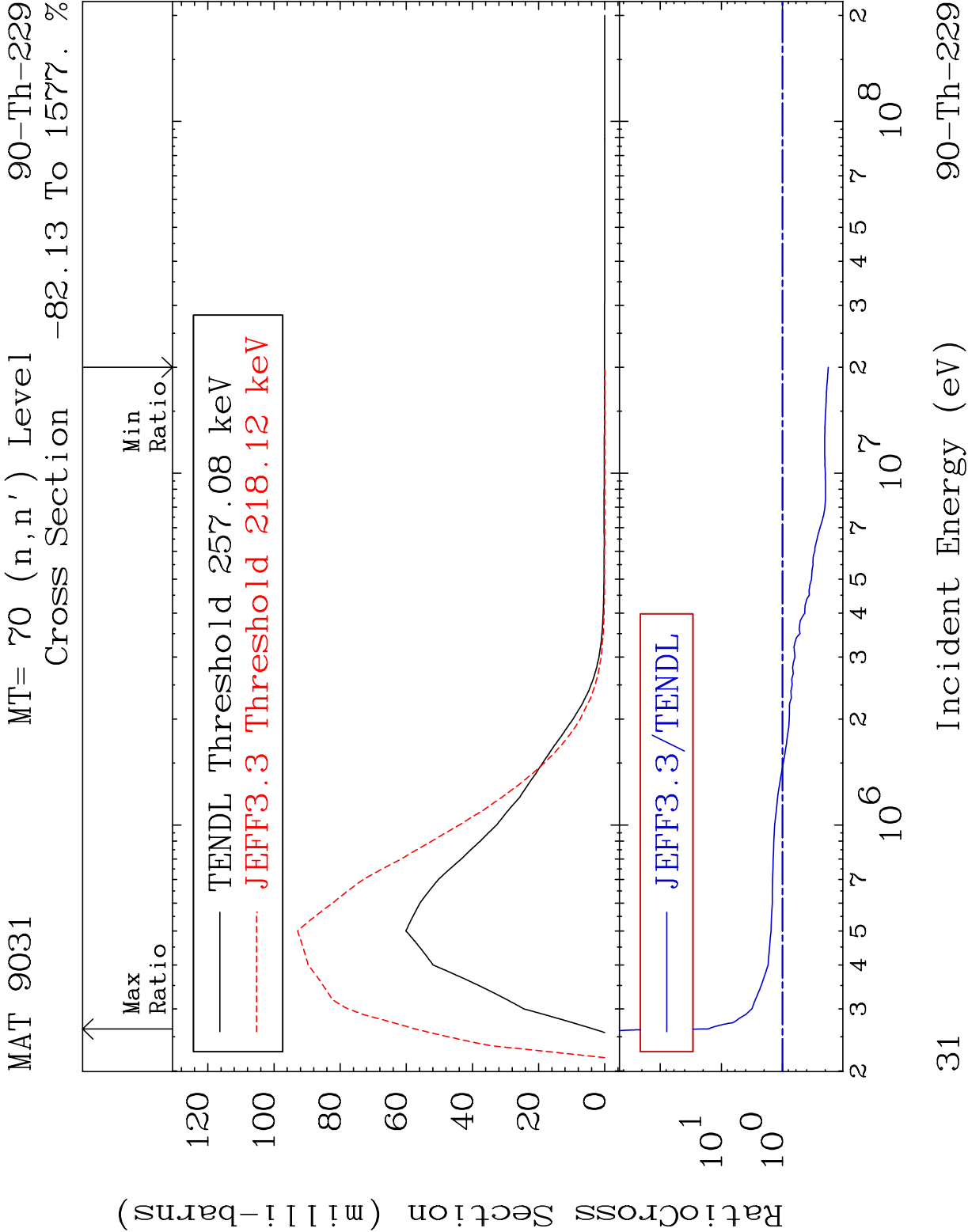
90-Th-229

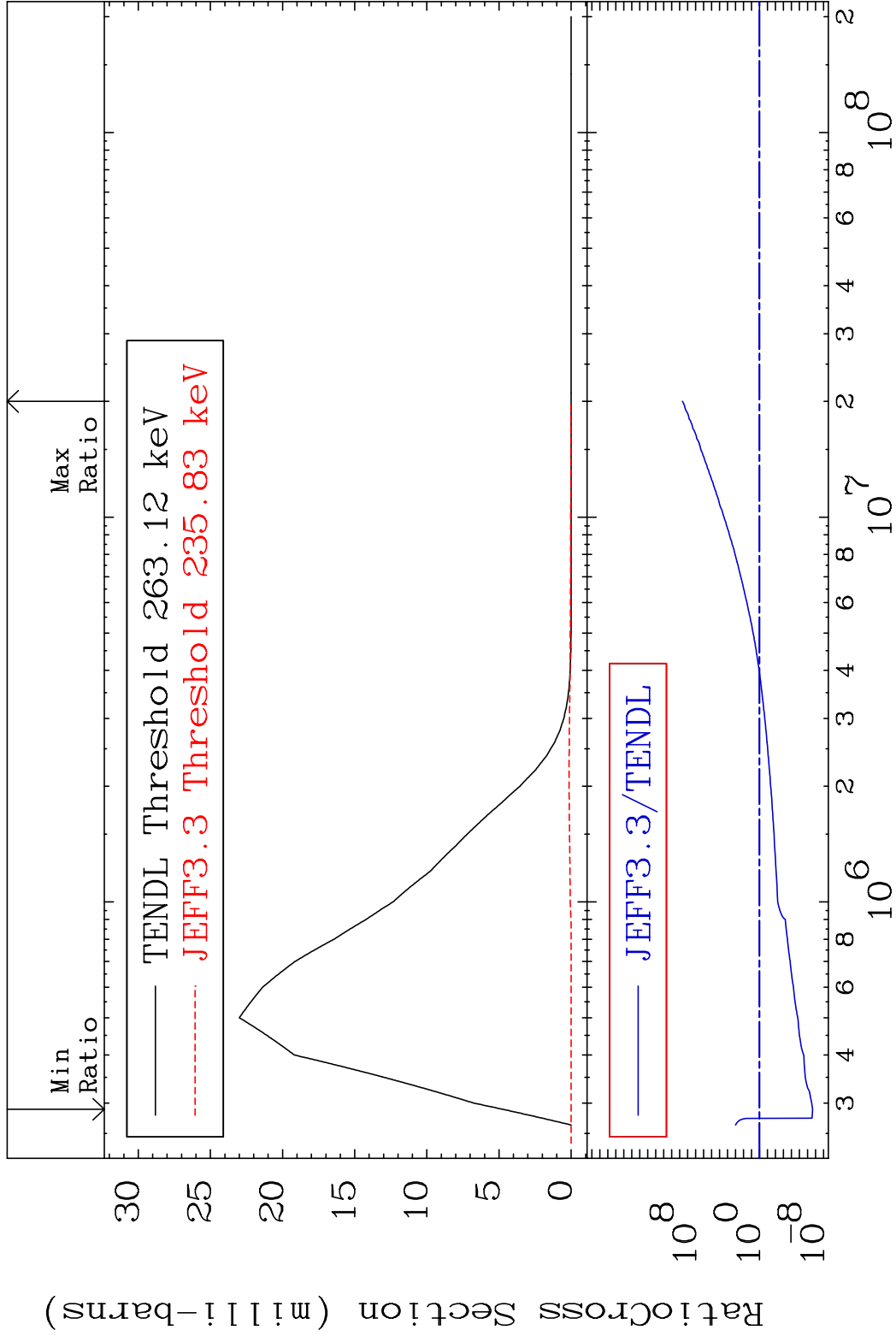
Cross Section

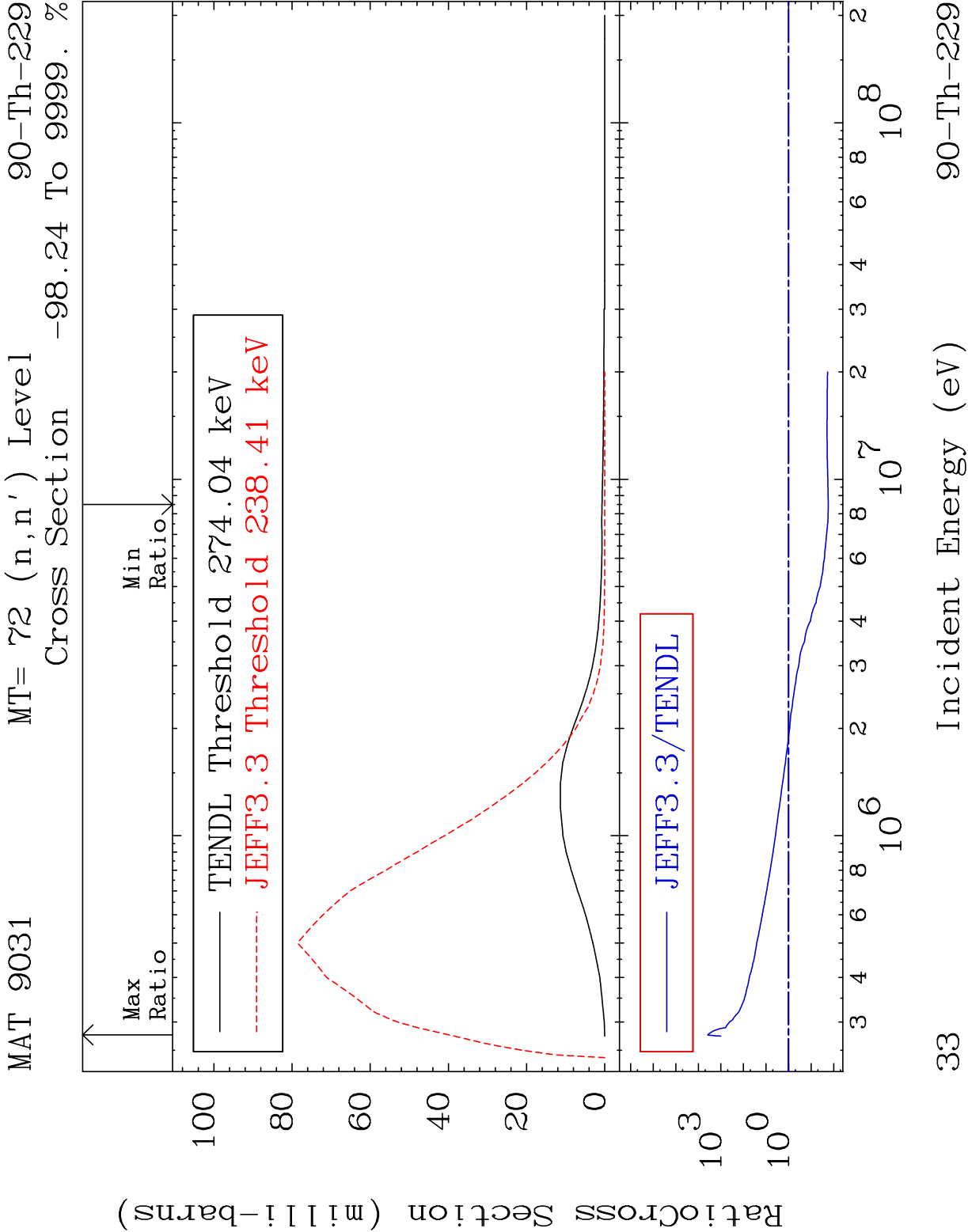
-91.45 To 155.8 %

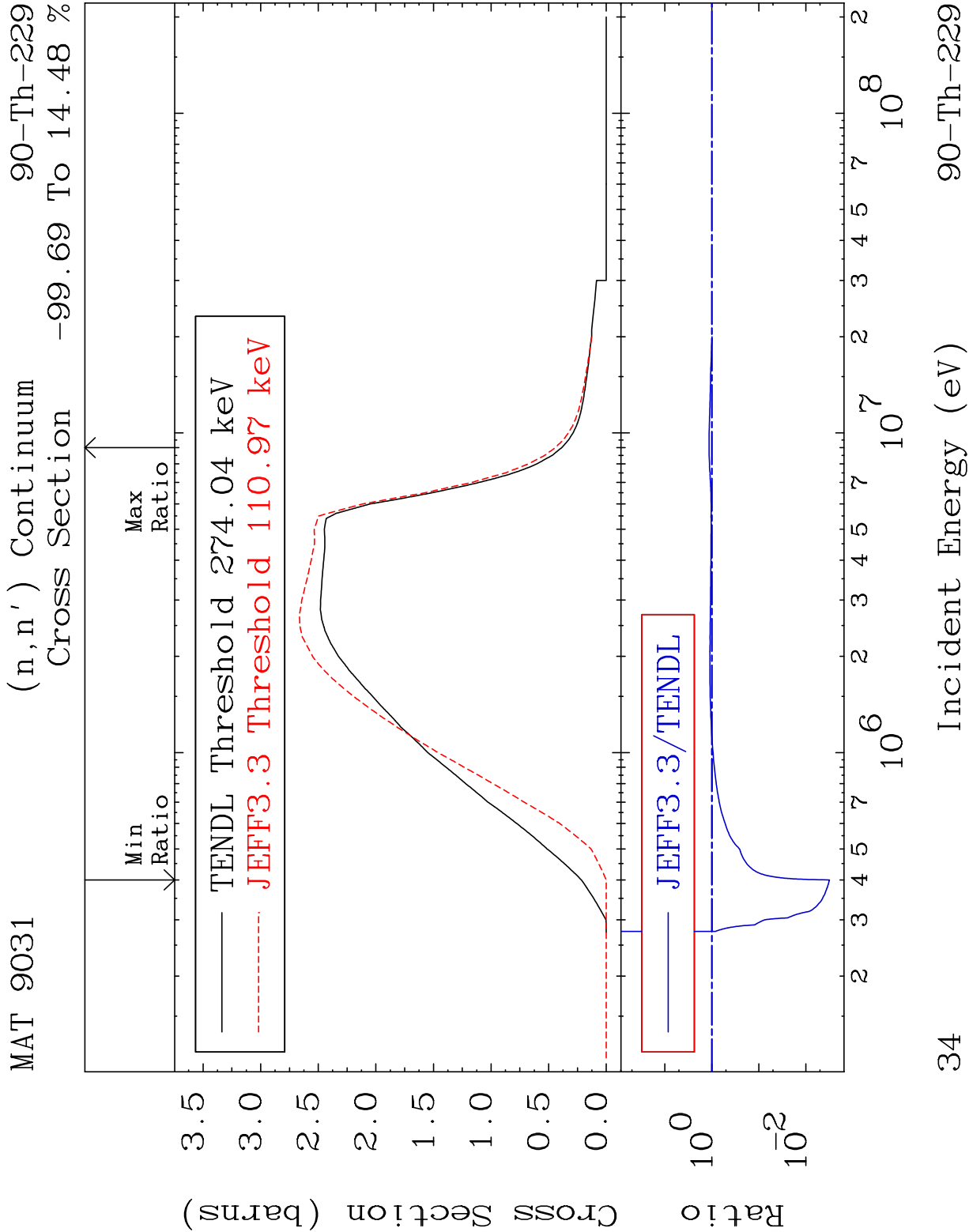










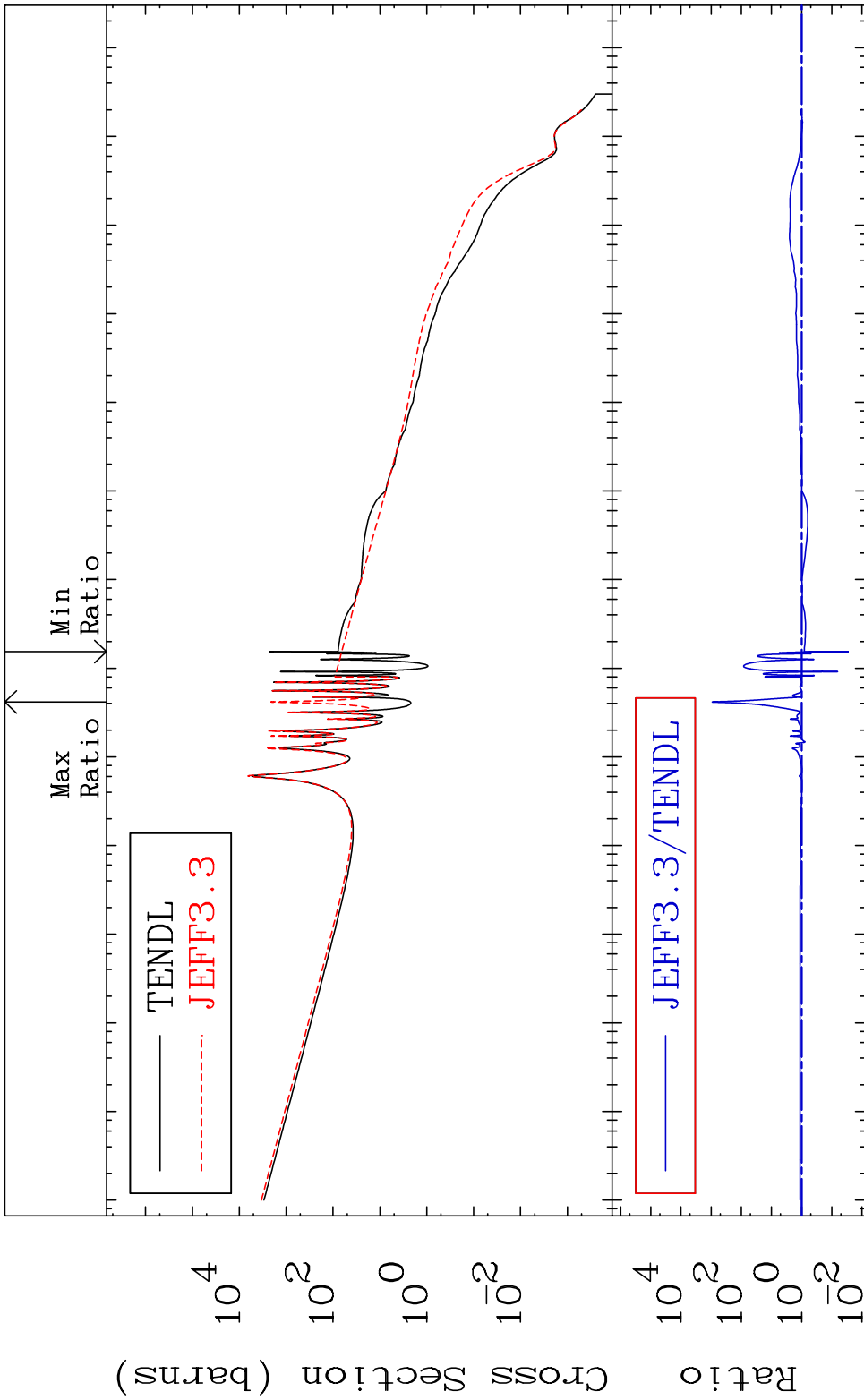


MAT 9031

(n, γ)

90-Th-229

Cross Section -97.14 To 9999. %

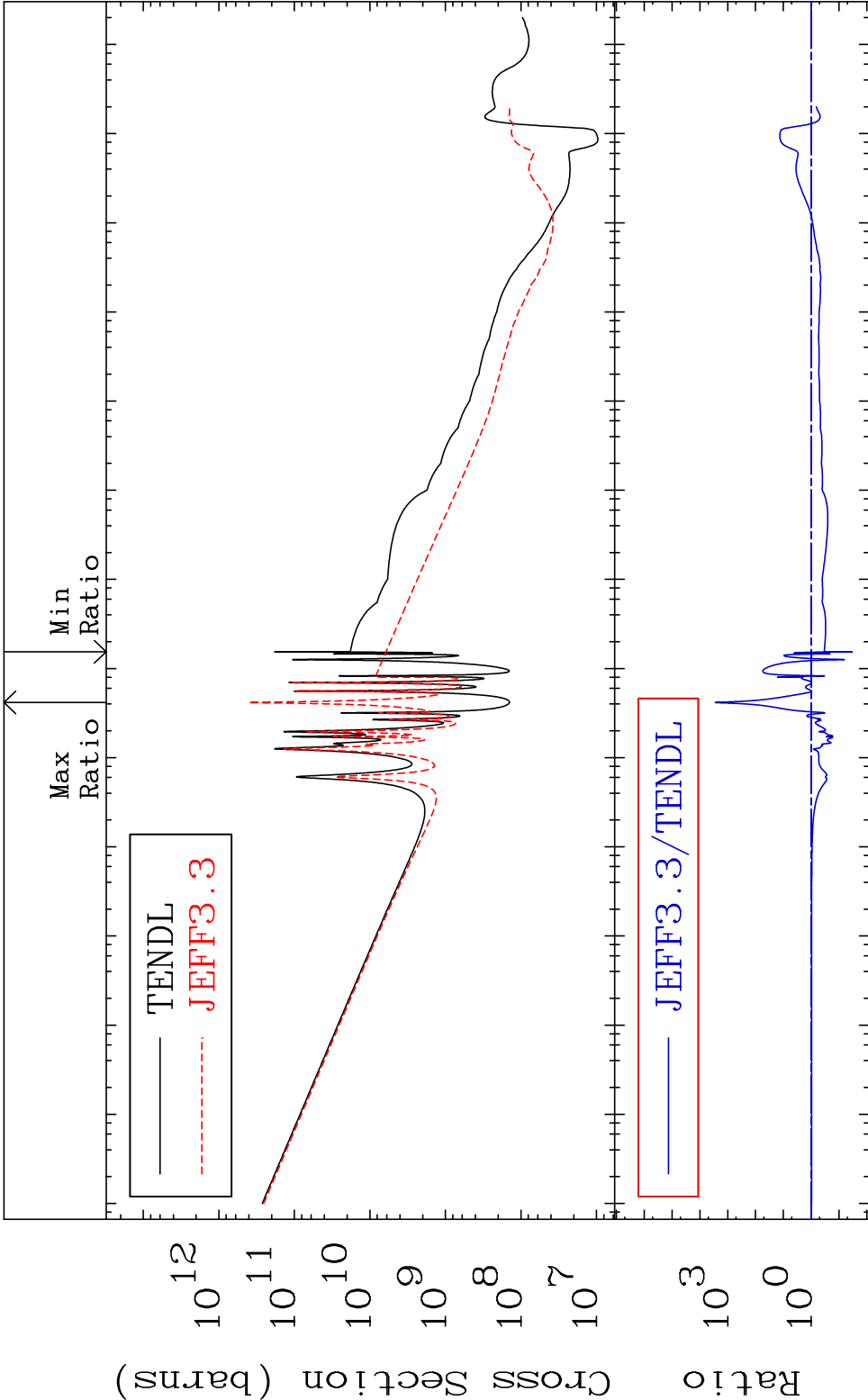


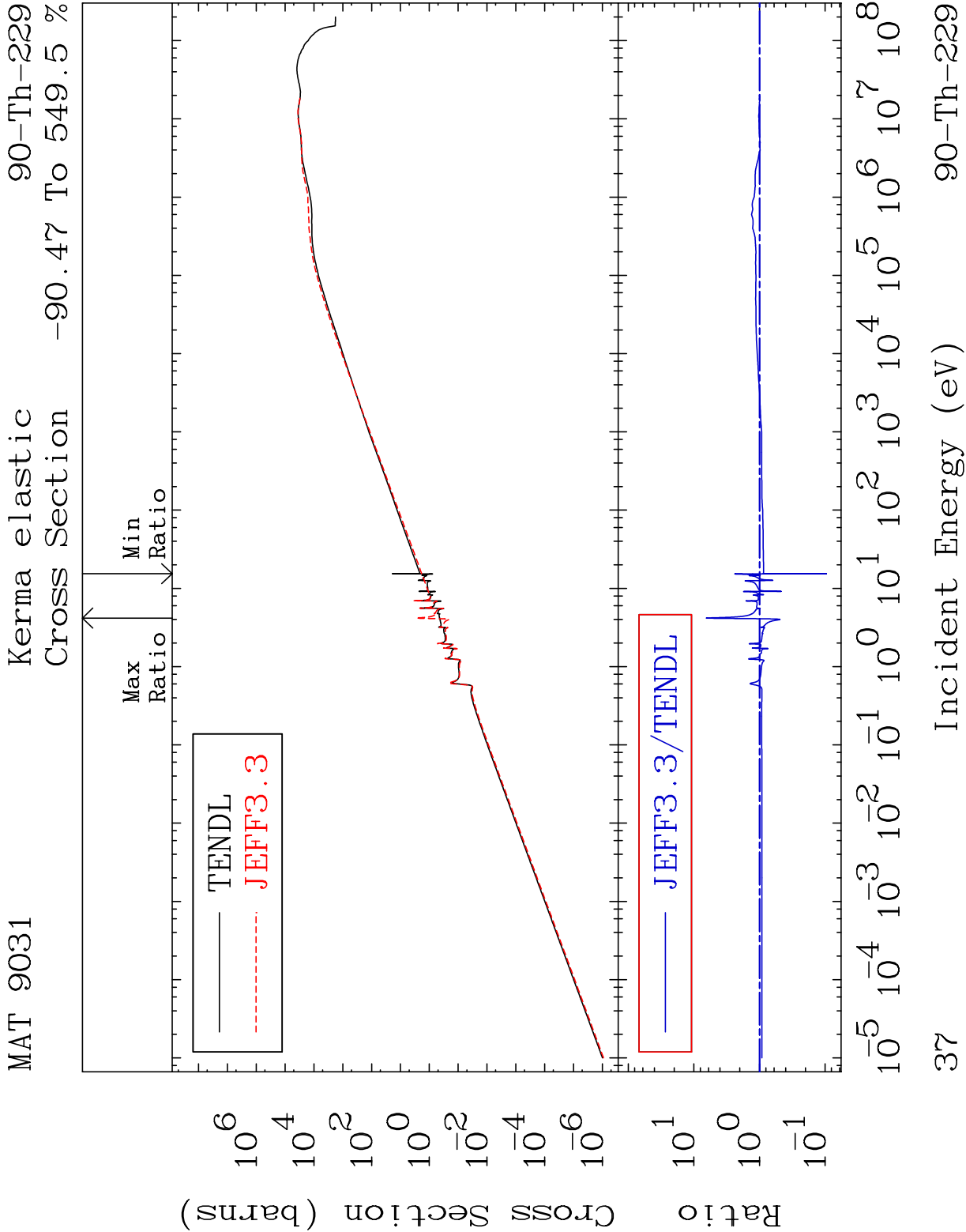
35

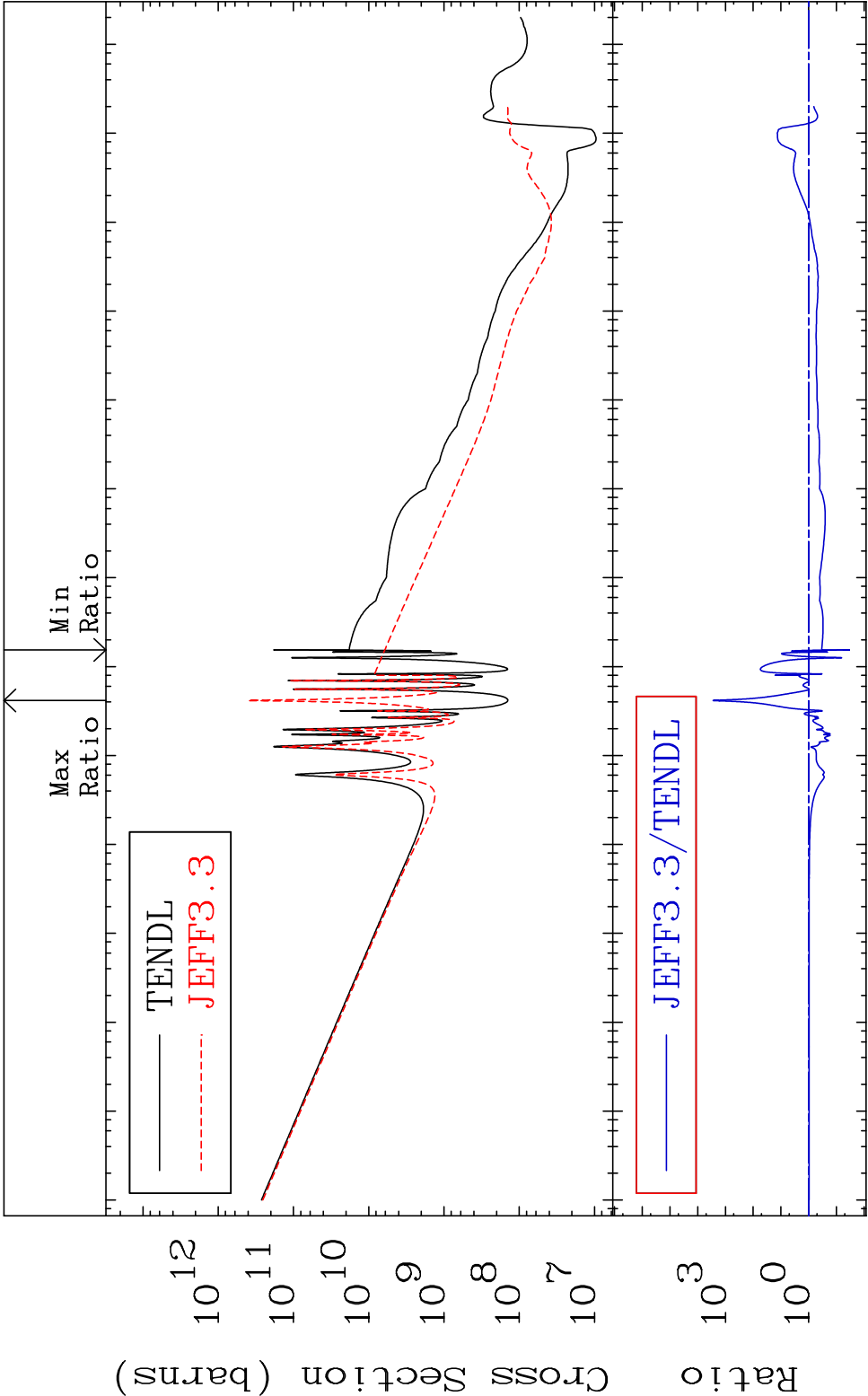
Incident Energy (eV)

90-Th-229

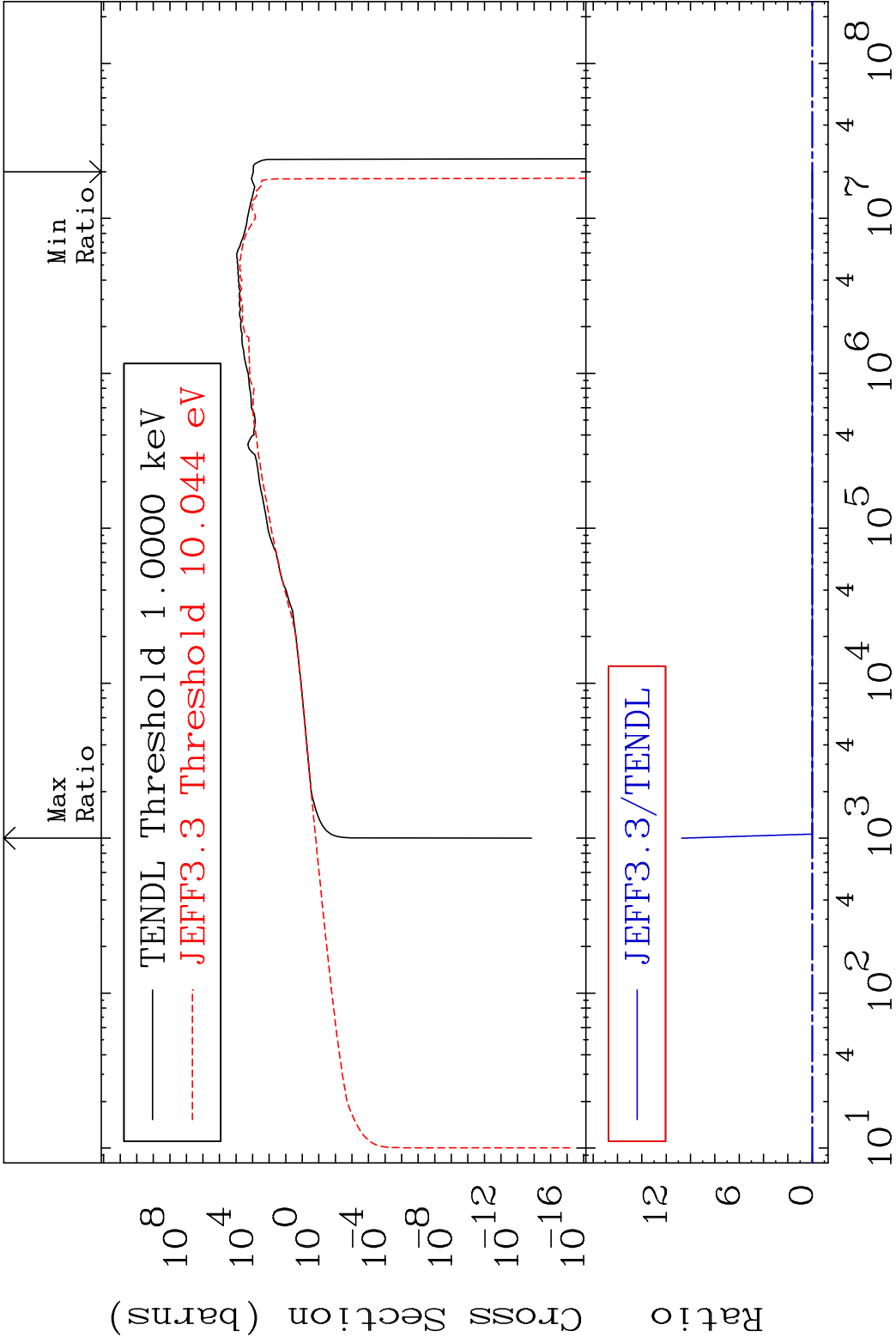
MAT 9031 Kerma total (eV-barns) 90-Th-229
Cross Section -96.65 To 9999. %







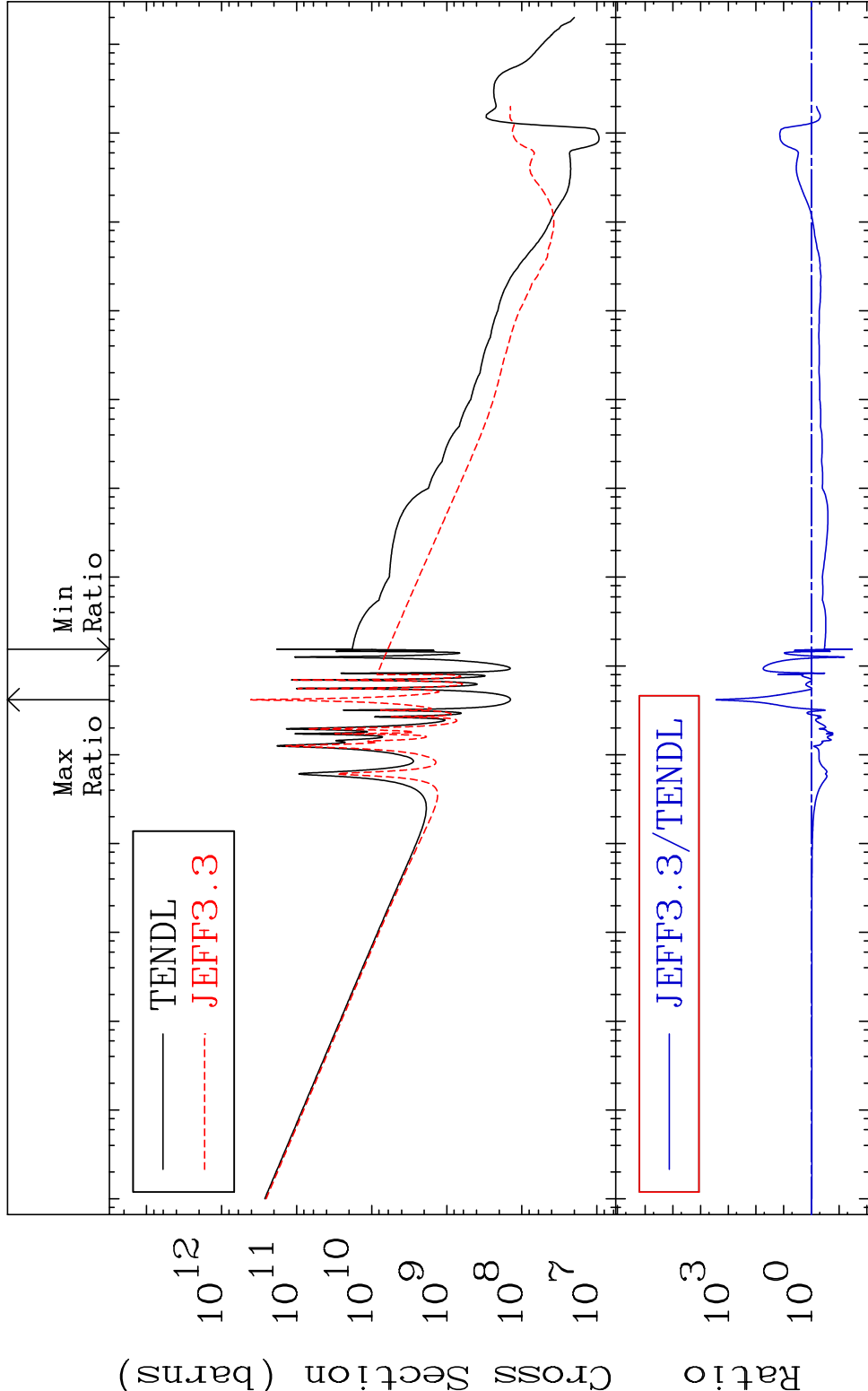
MAT 9031 Kerma inelastic (mt51-91) 90-Th-229
Cross Section -122.4 To 9999. %



39 Incident Energy (eV) 90-Th-229

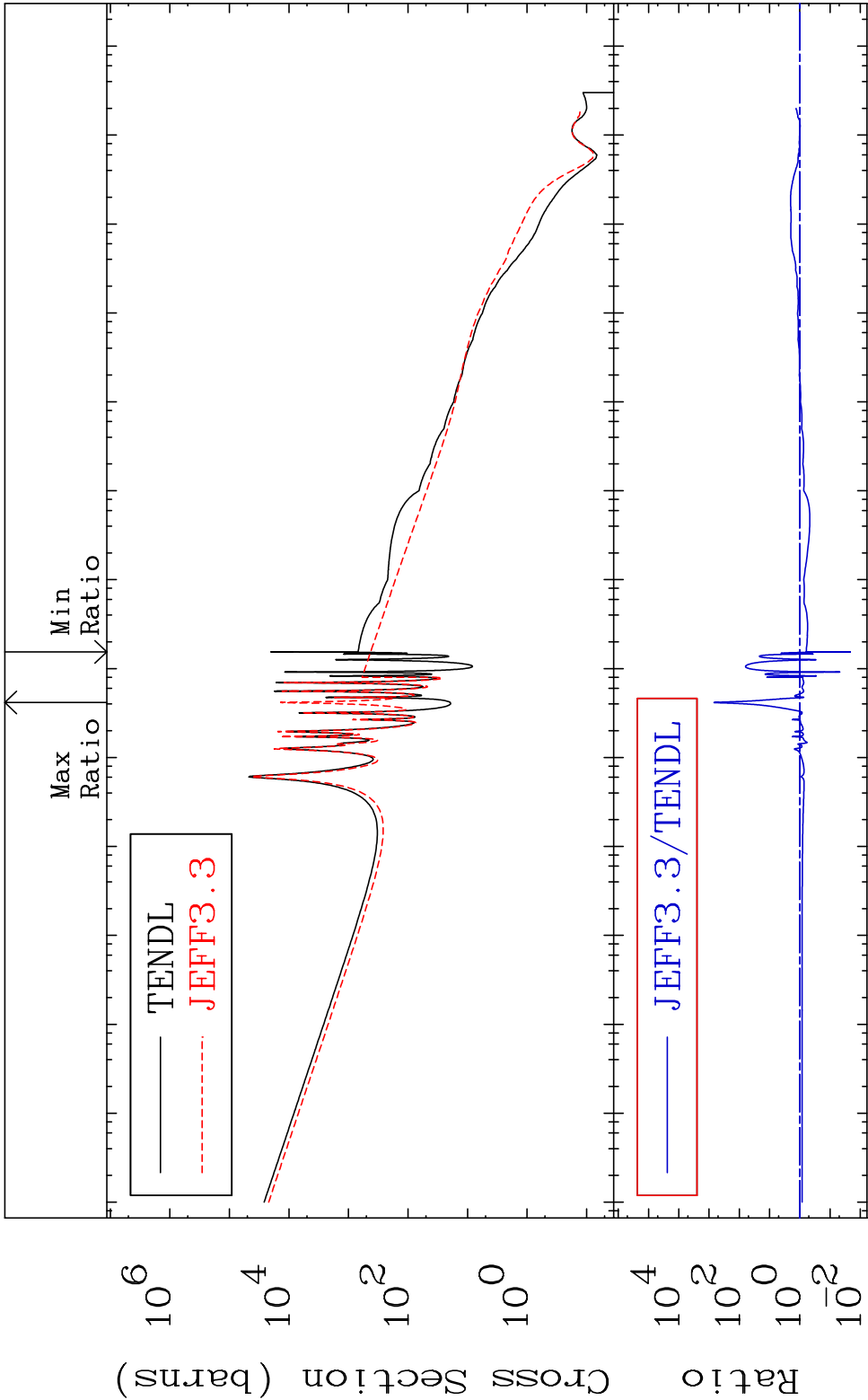
MAT 9031 Kerma fission (mt18 or mt19-20-21-38)90-Th-229

Cross Section -96.65 To 9999. %

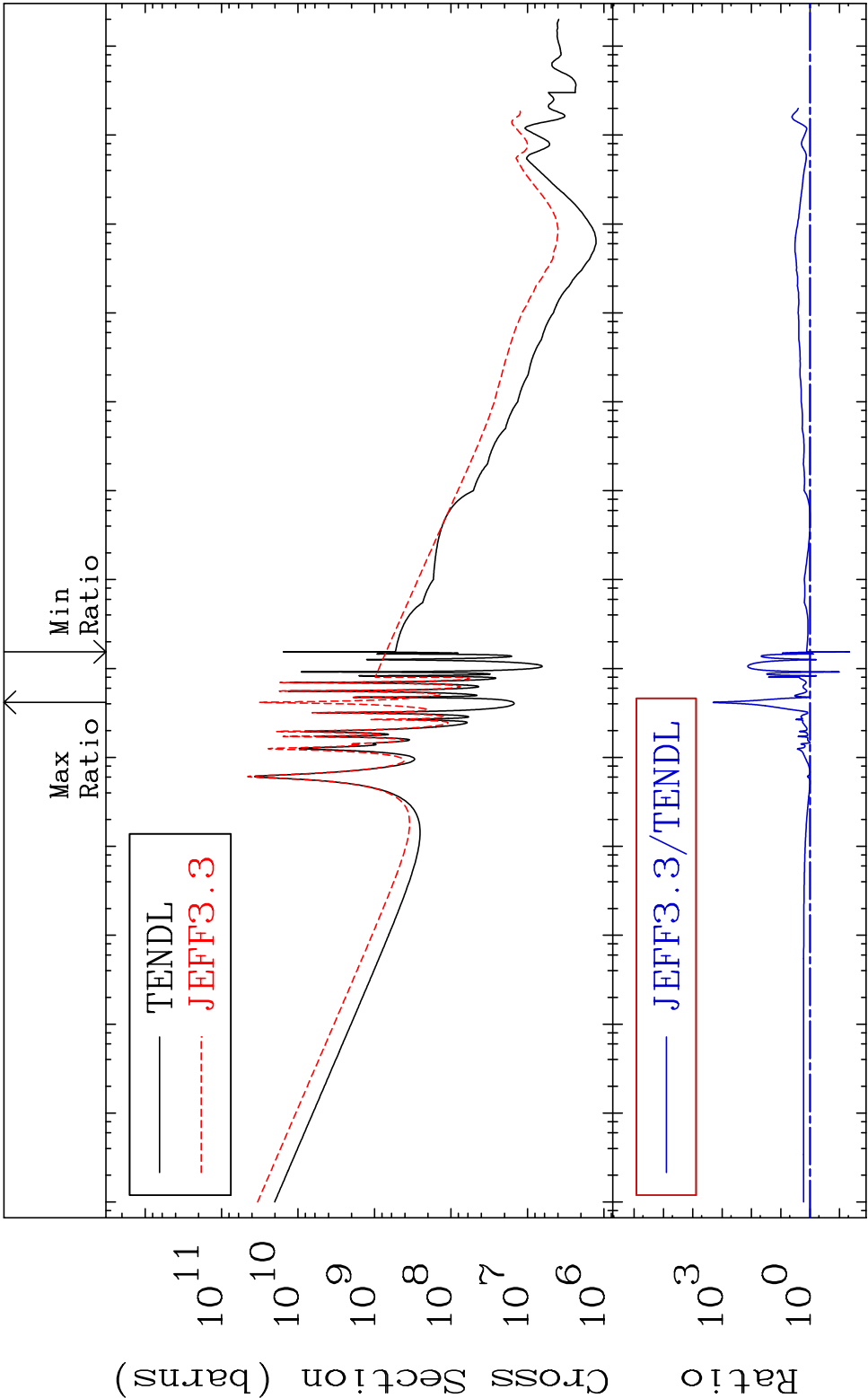


Incident Energy (eV) 90-Th-229

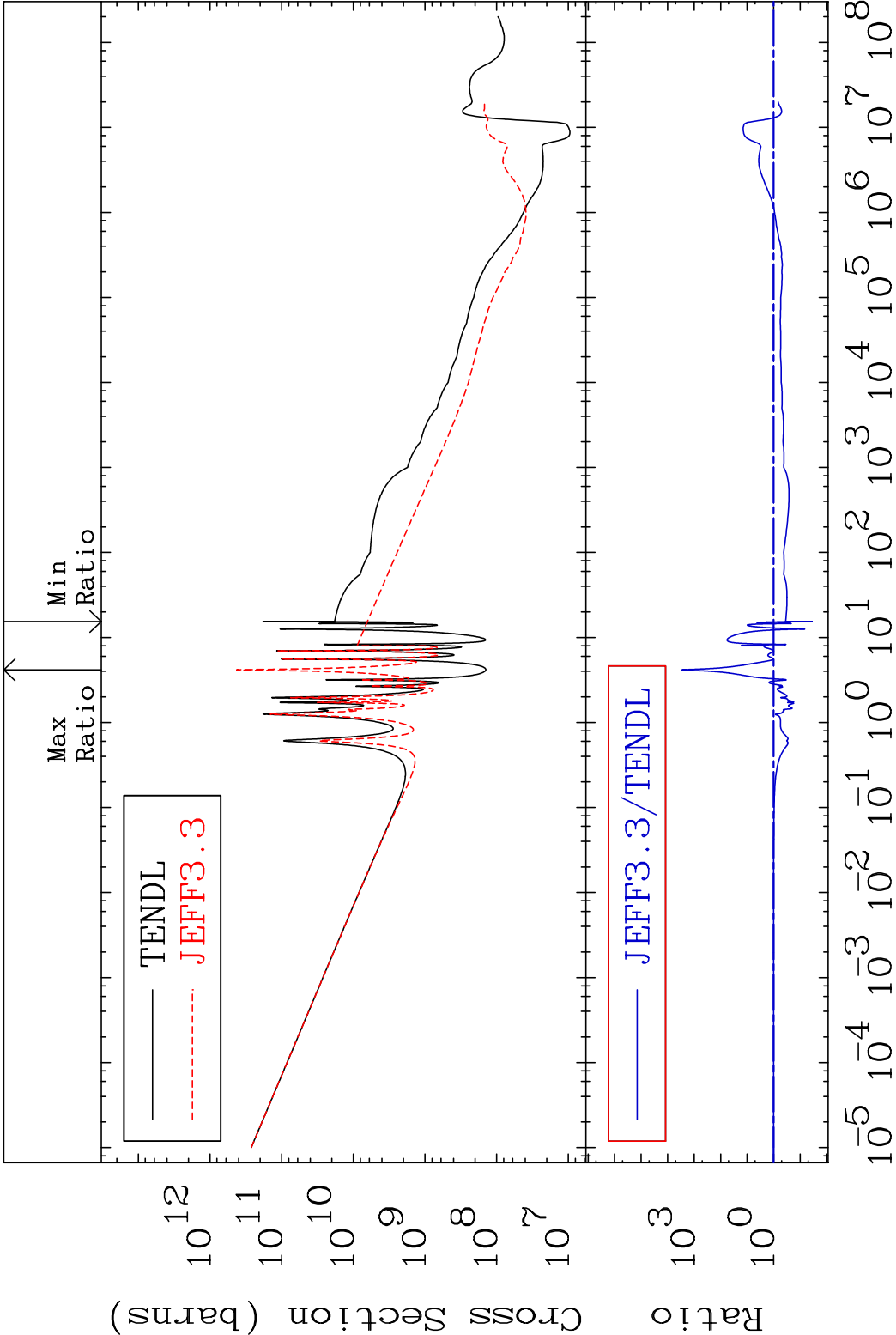
MAT 9031 Kerma capture (mt102) 90-Th-229
 Cross Section -97.88 To 9999. %



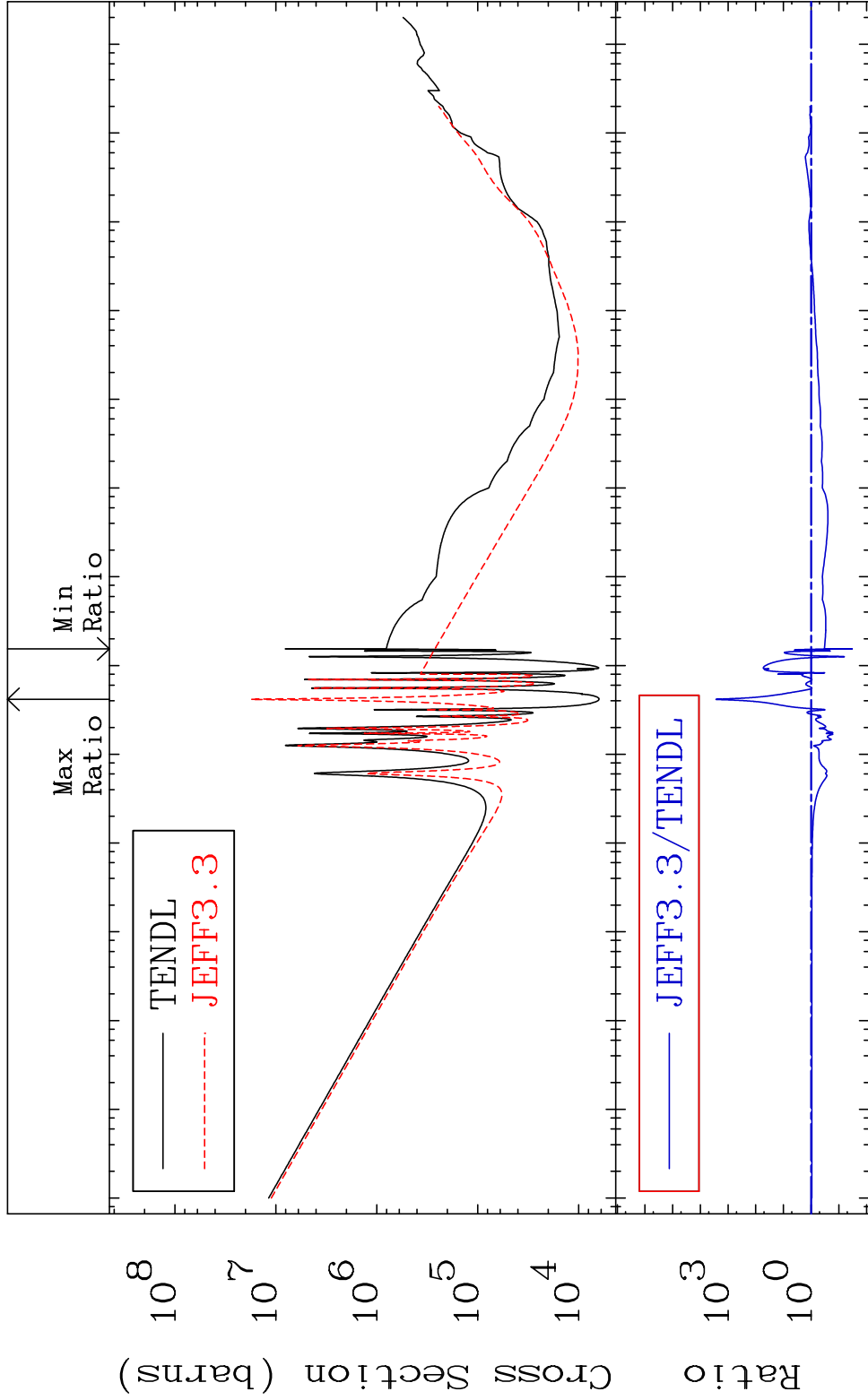
MAT 9031 Total photon (eV-barns) 90-Th-229
 Cross Section -95.46 To 9999. %



MAT 9031 Total kinematic kerma (high limit) 90-Th-229
Cross Section -96.51 To 9999. %



MAT 9031 Dpa total (eV-barns) 90-Th-229
Cross Section -96.71 To 9999. %



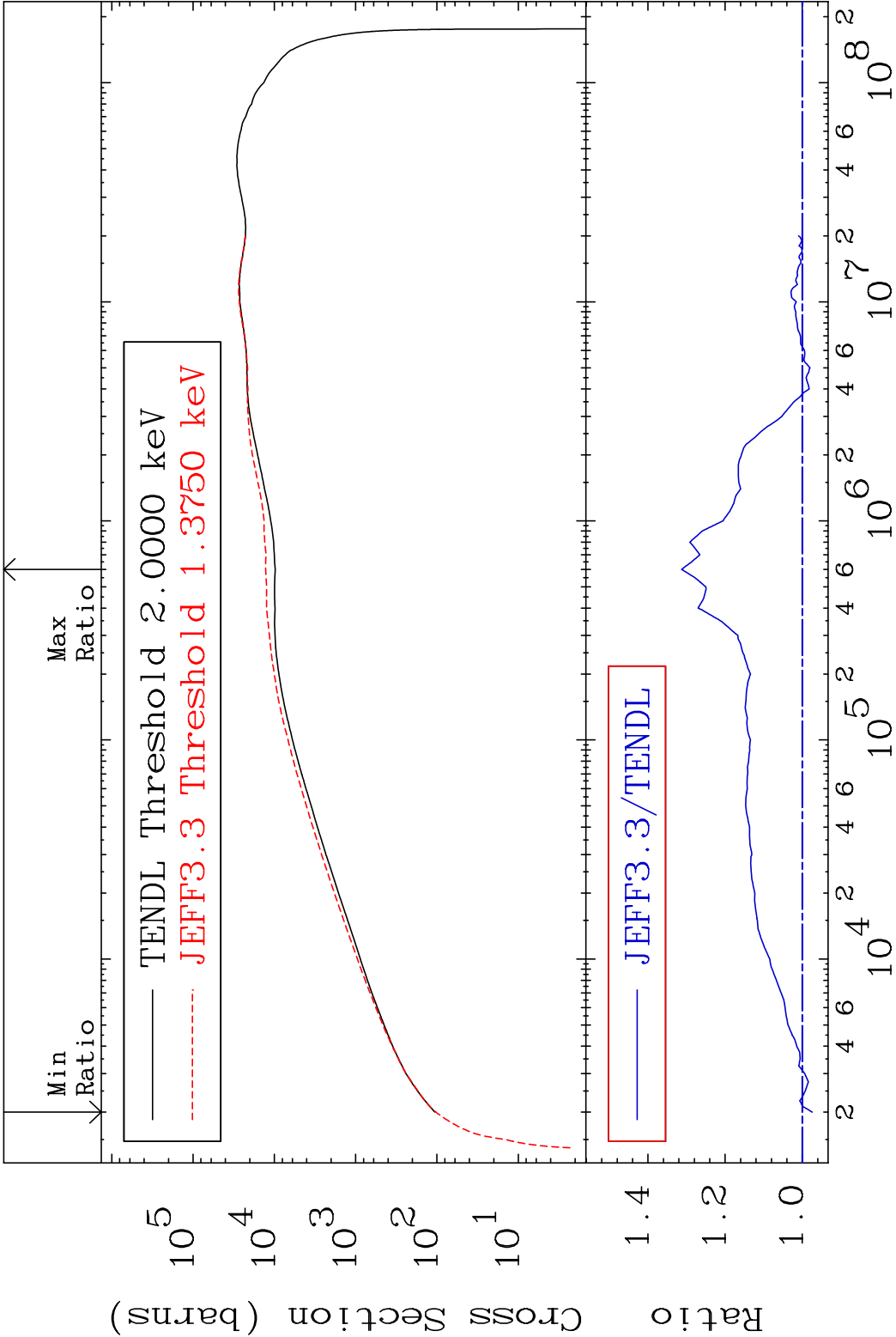
MAT 9031

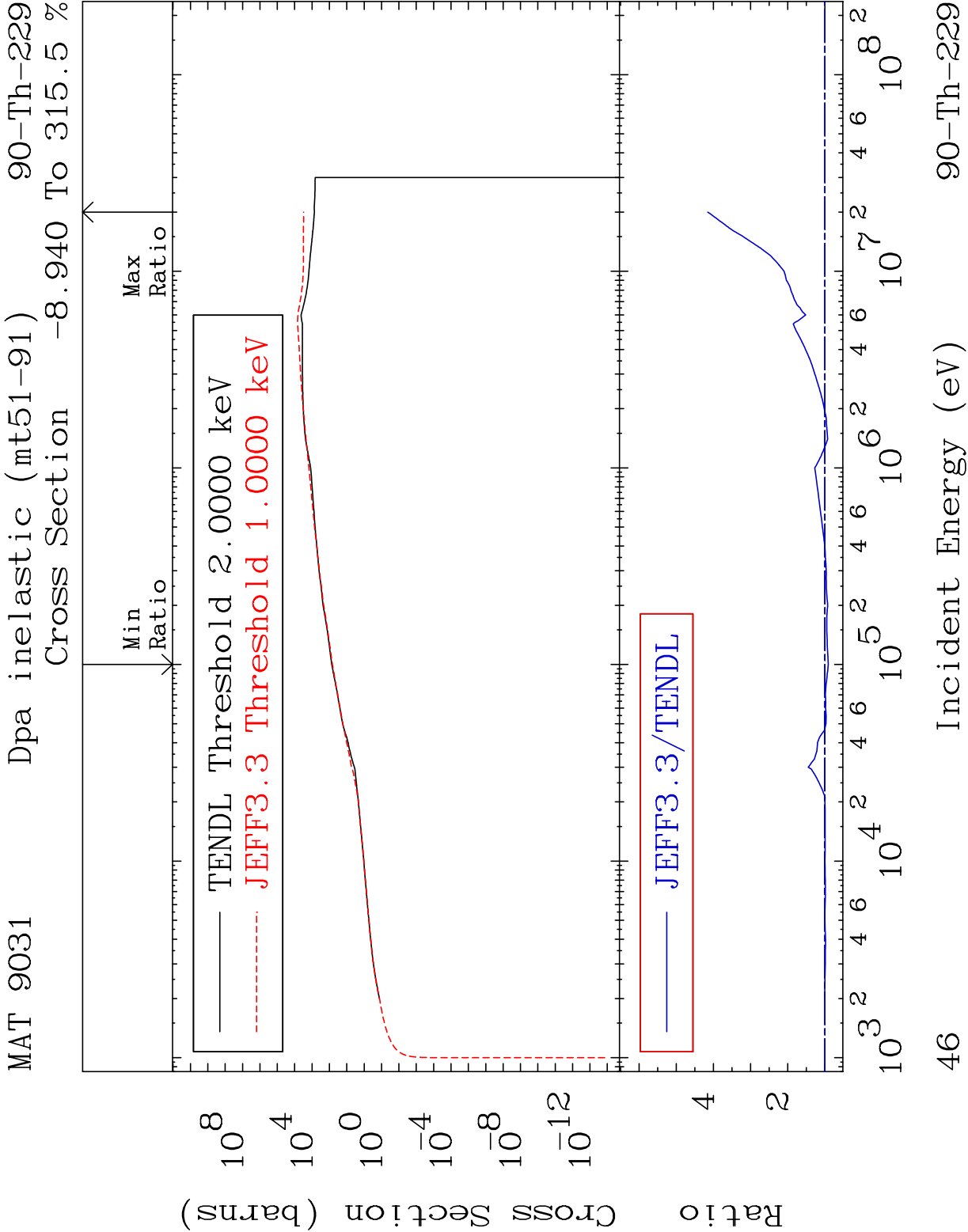
Dpa elastic (mt2)

90-Th-229

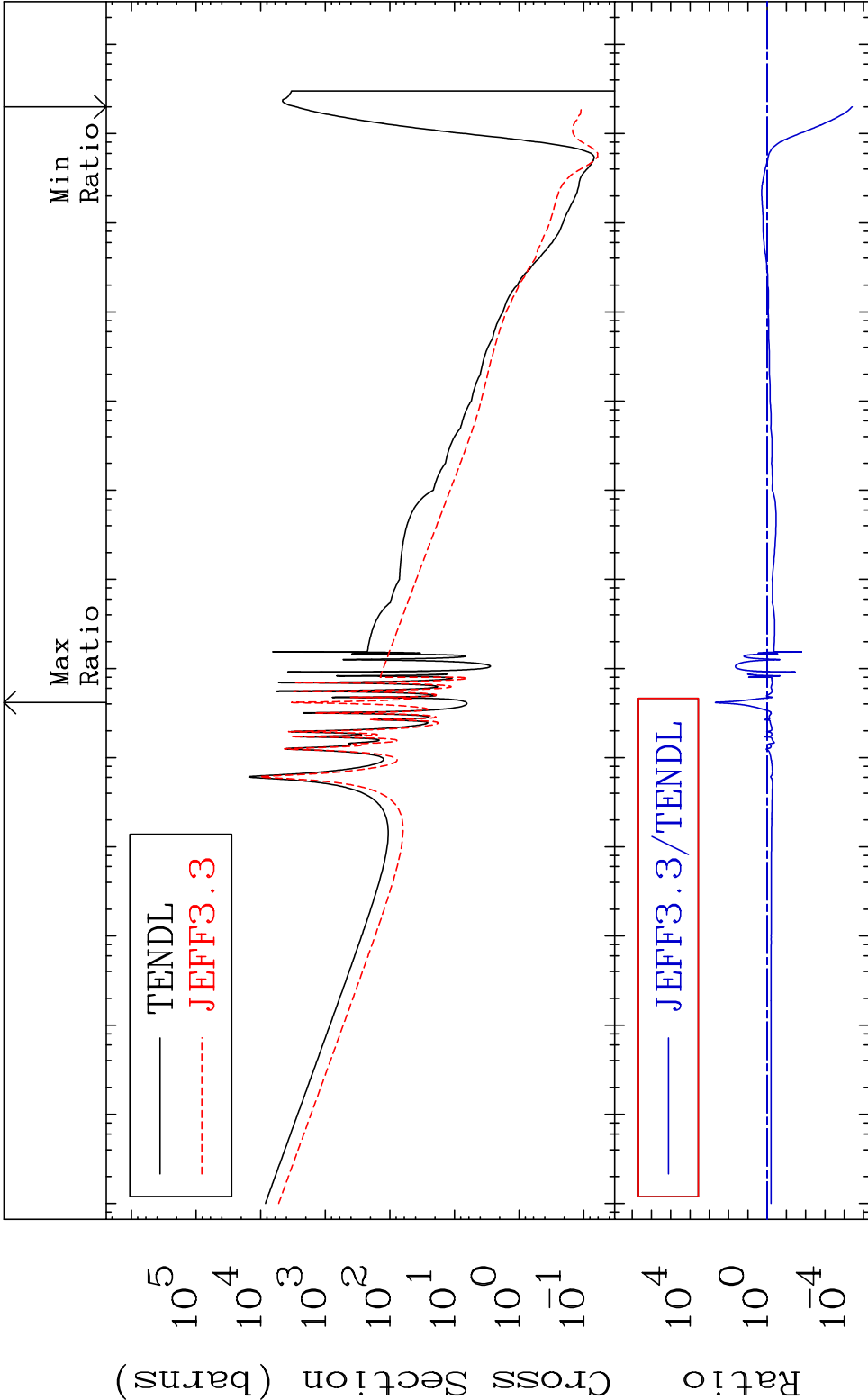
Cross Section

-2.577 To 31.31 %





MAT 9031 Dpa disappearance (mt102 -120) 90-Th-229
Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 90-Th-229