

Program Complot
(Version 2021-1)

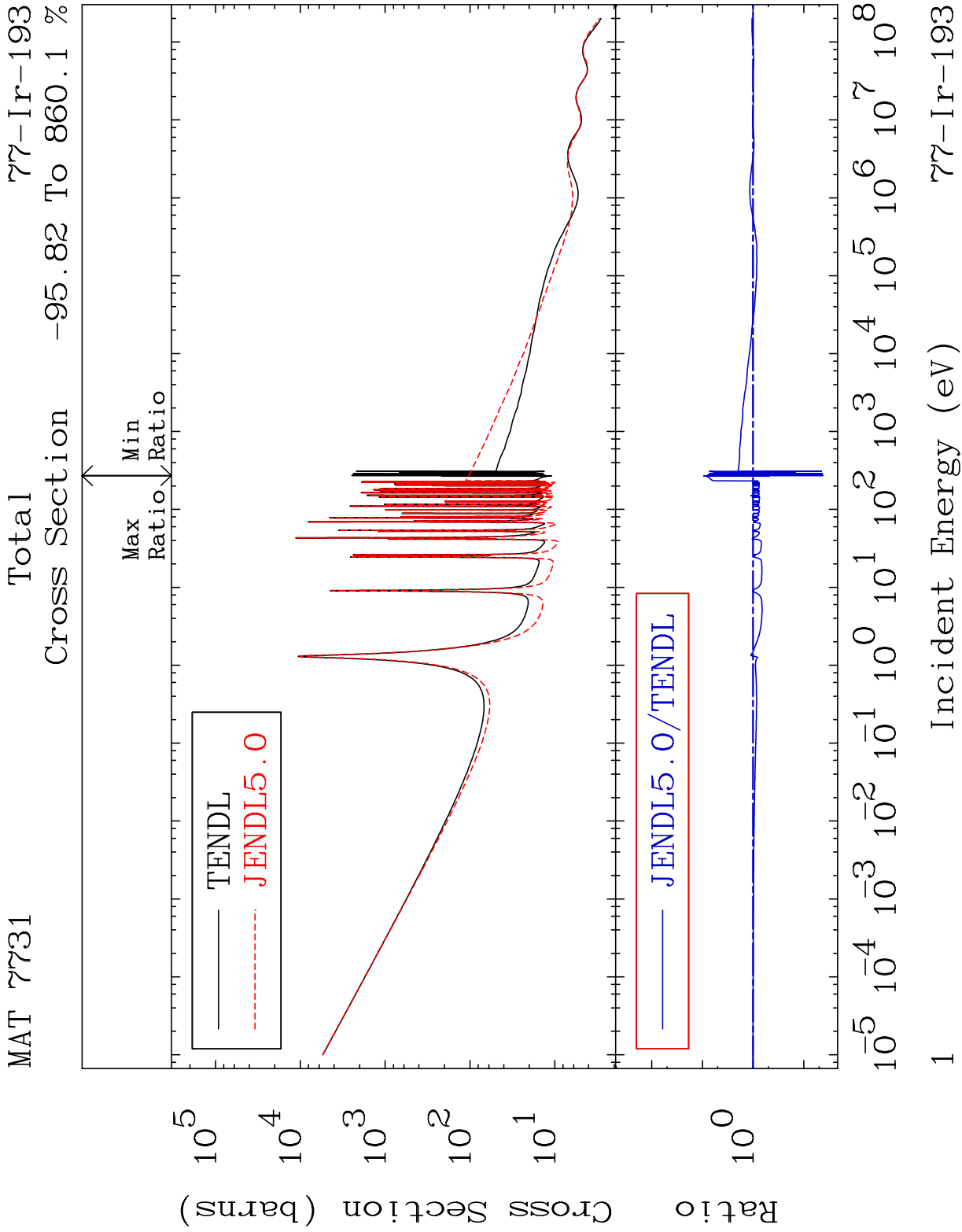
by

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

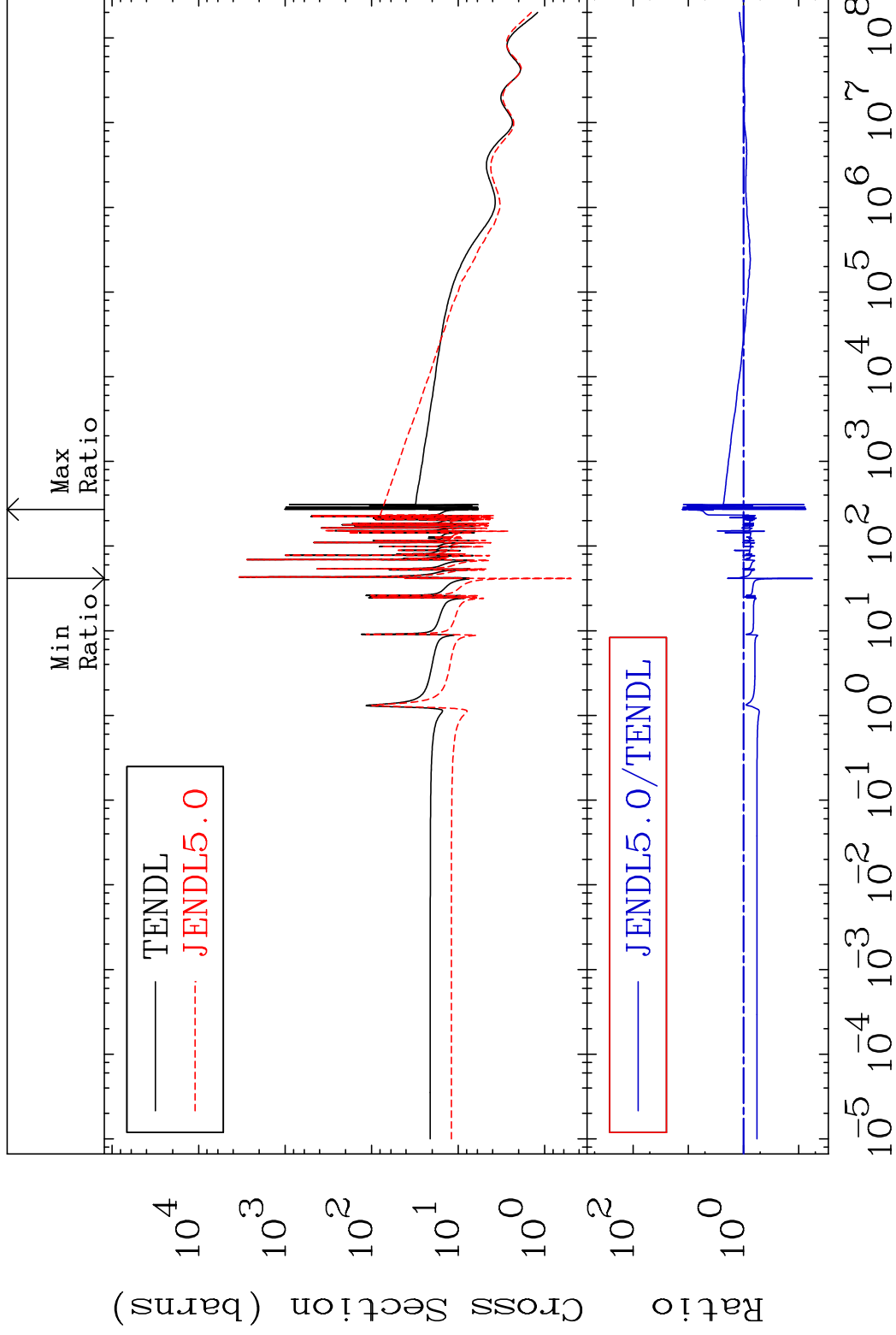


MAT 7731

Elastic

⁷⁷Ir-193

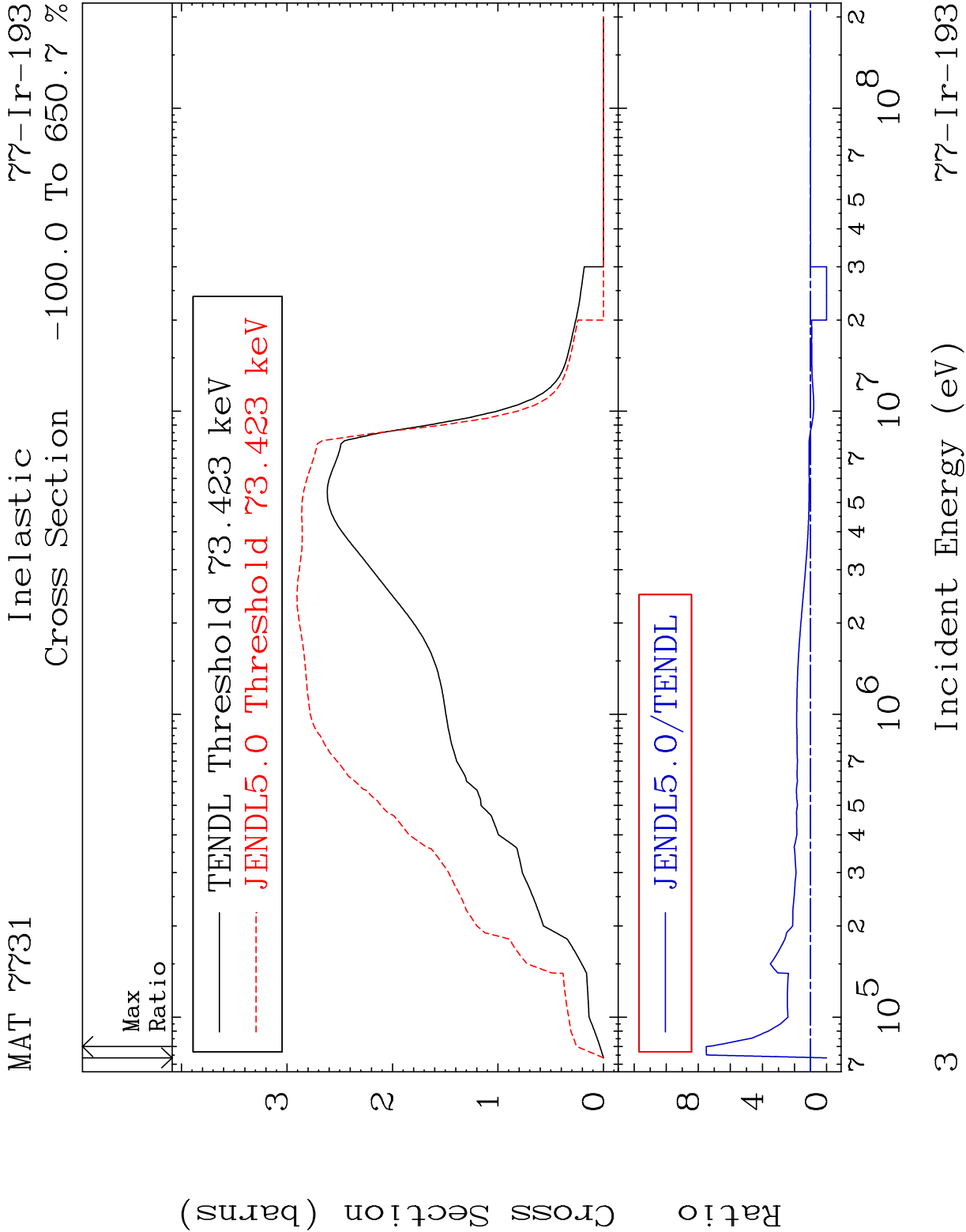
Cross Section -94.40 To 1184. %



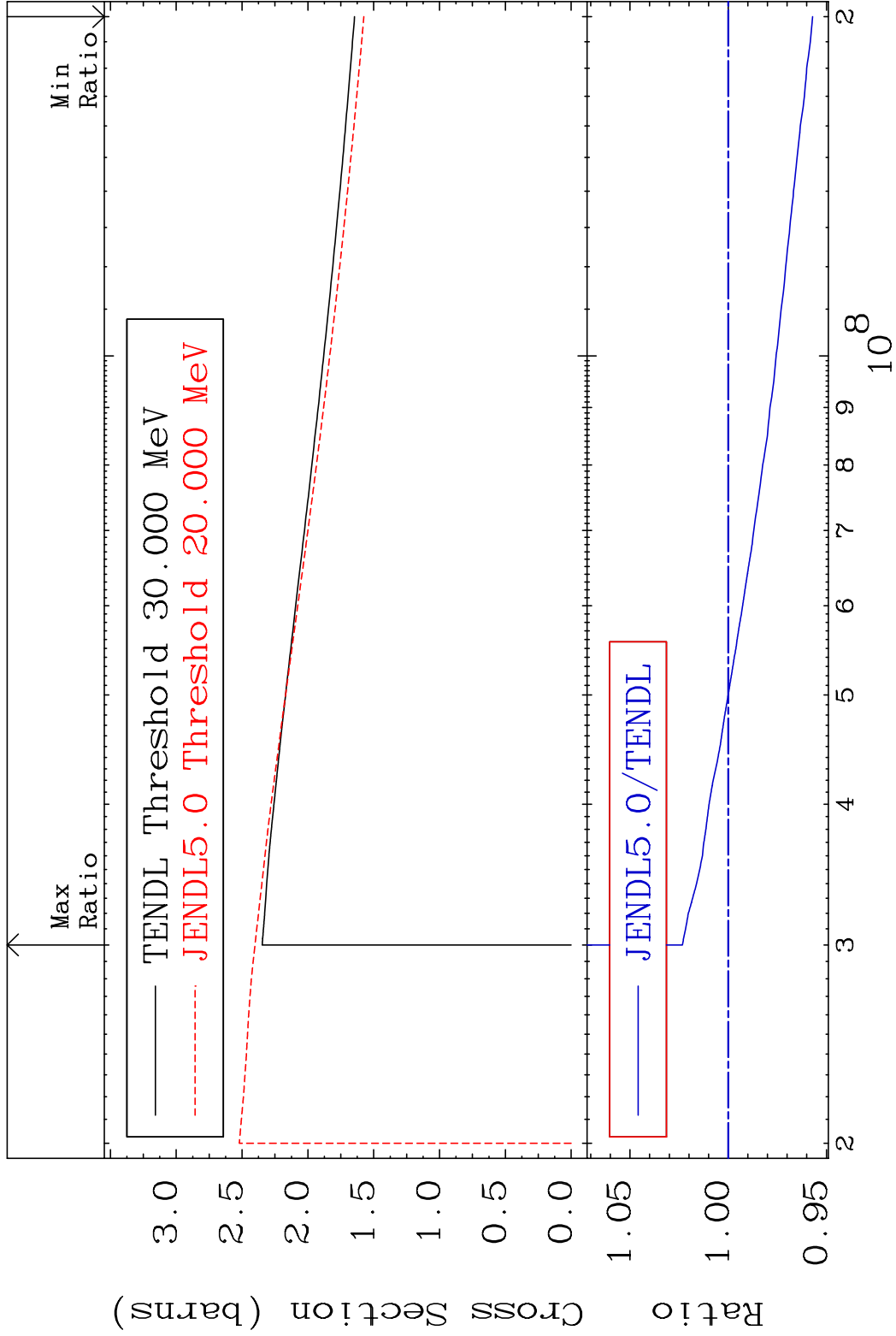
2

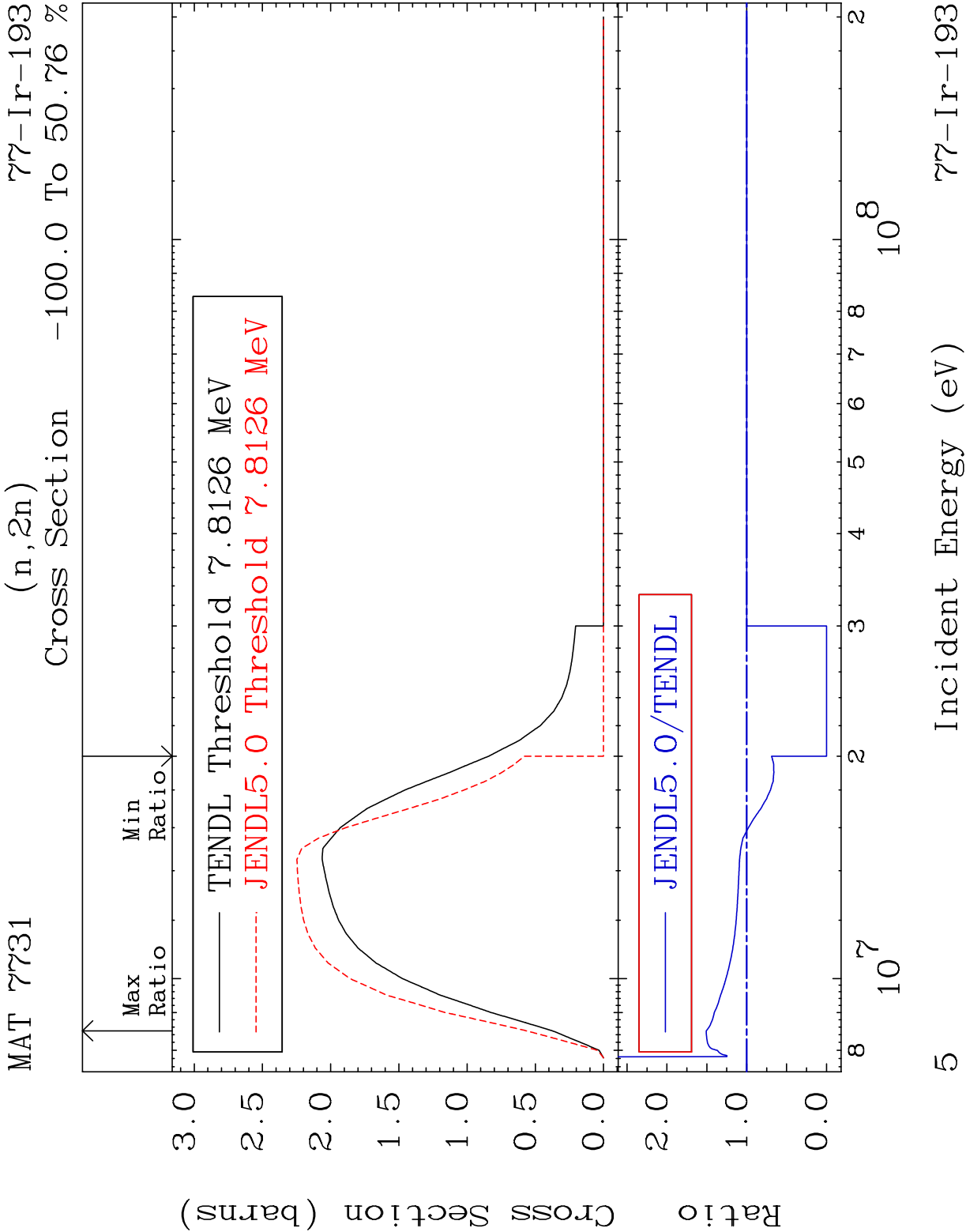
Incident Energy (eV)

⁷⁷Ir-193

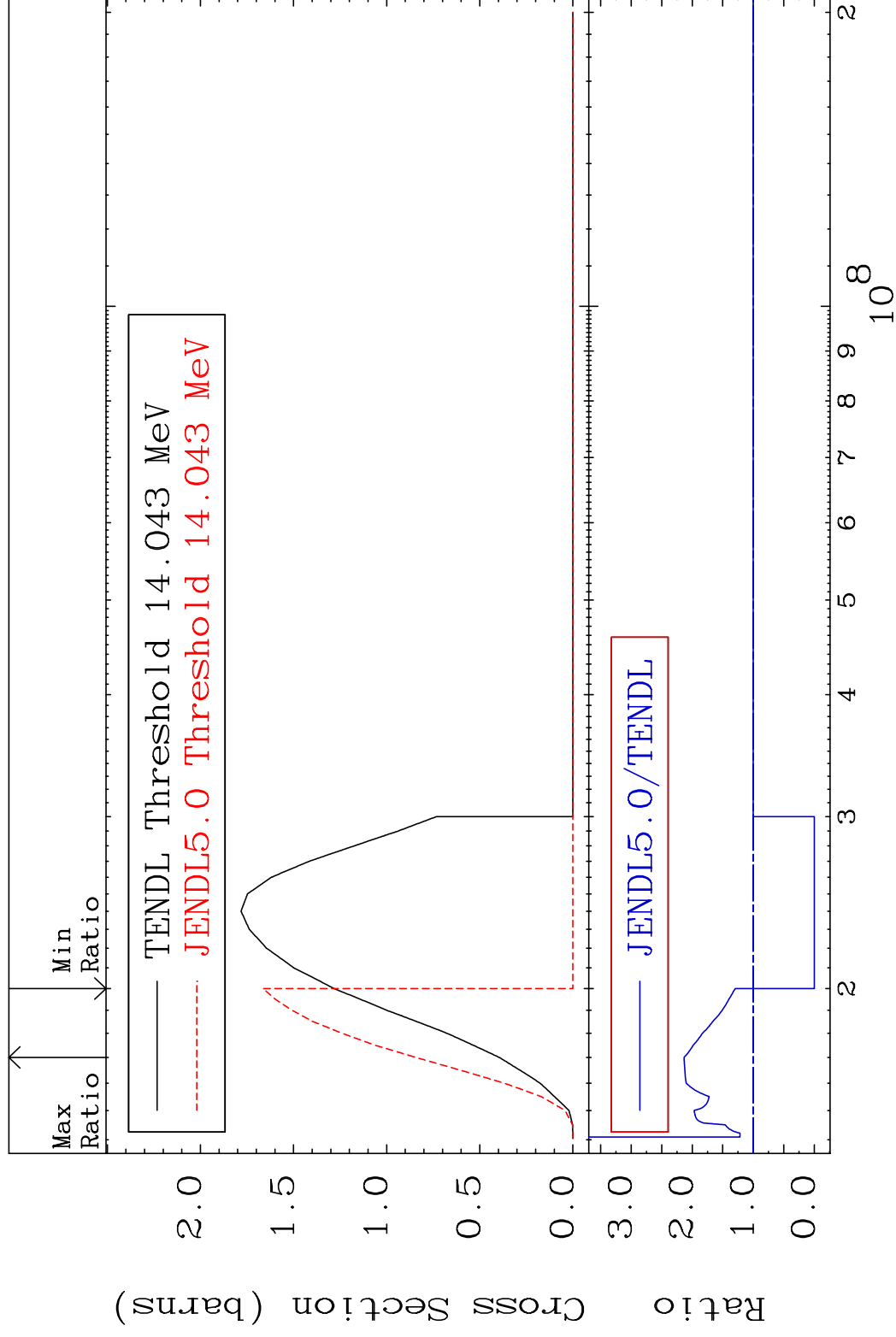


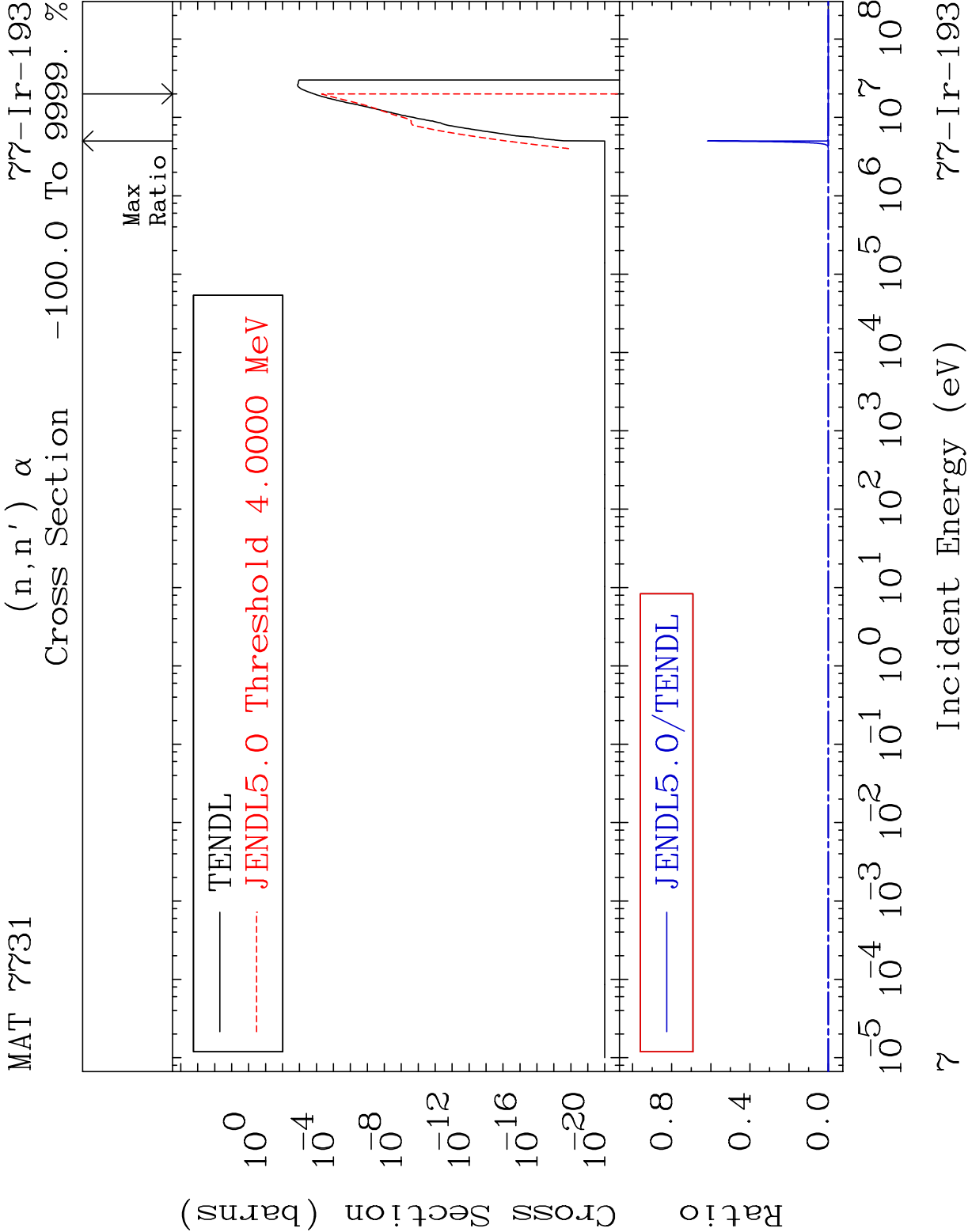
MAT 7731 (n,remainder) 77-Ir-193
Cross Section -4.295 To 2.335 %





Cross Section -100.0 To 113.4%



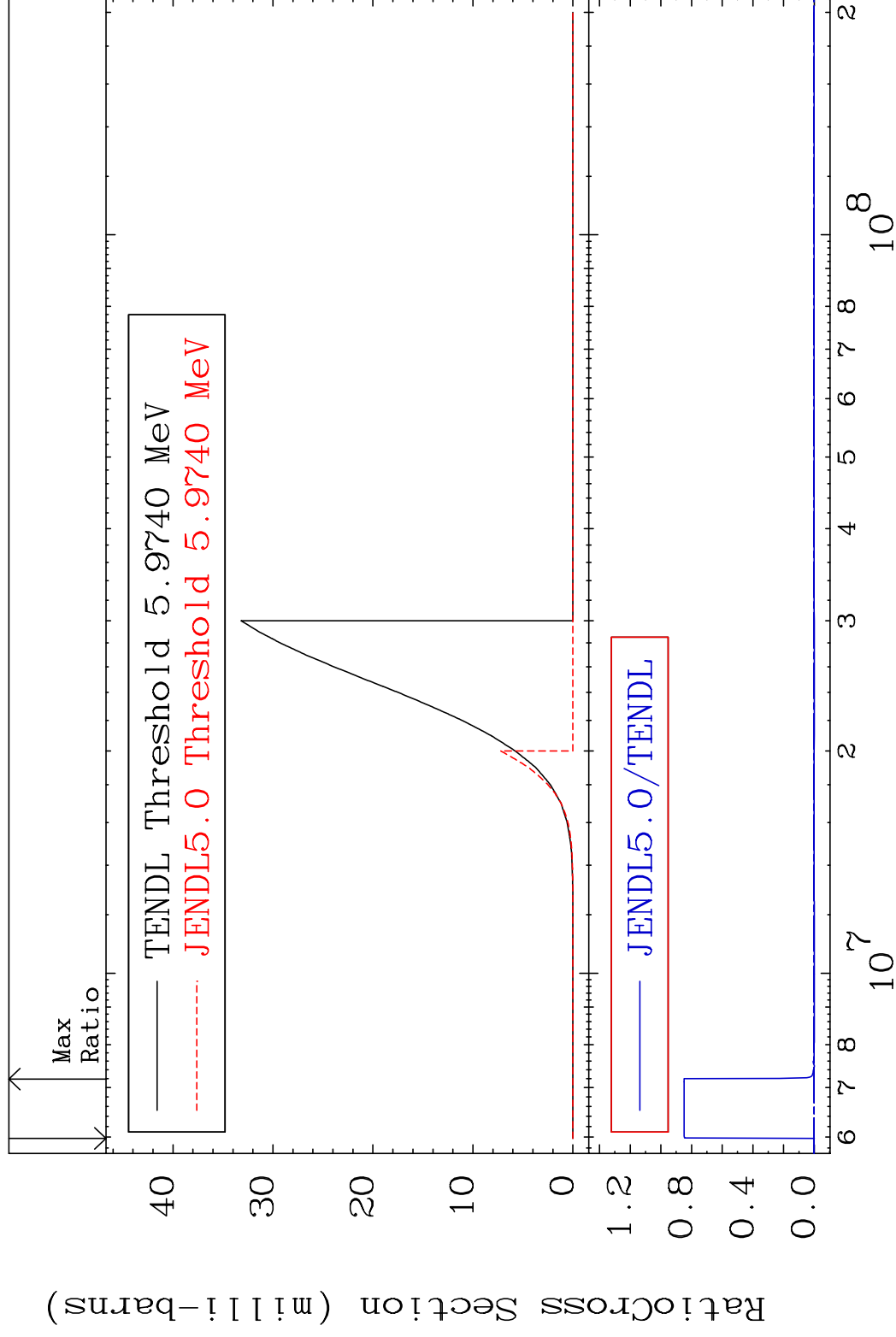


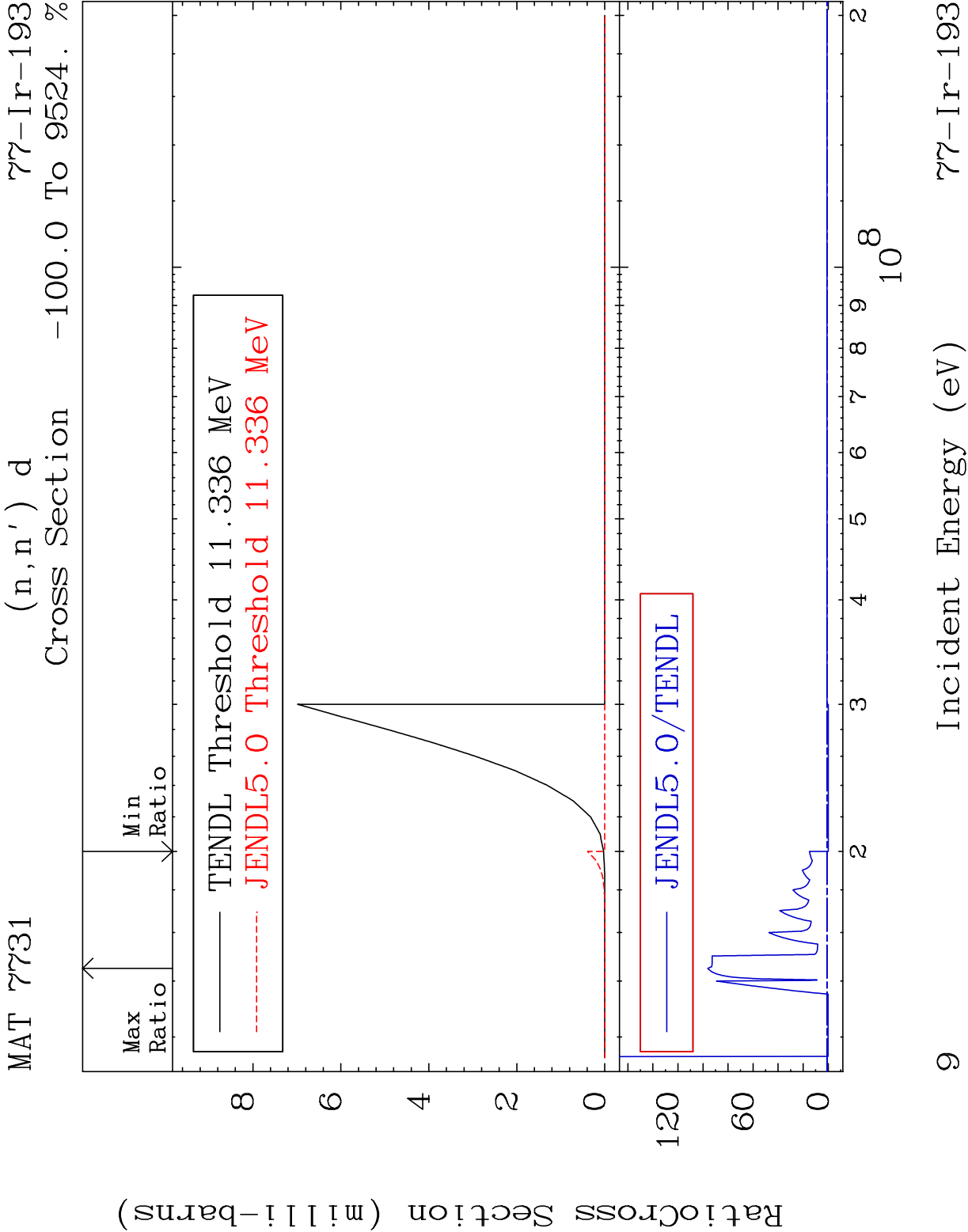
MAT 7731

(n, n') p 77-Ir-193

27-Ir-193

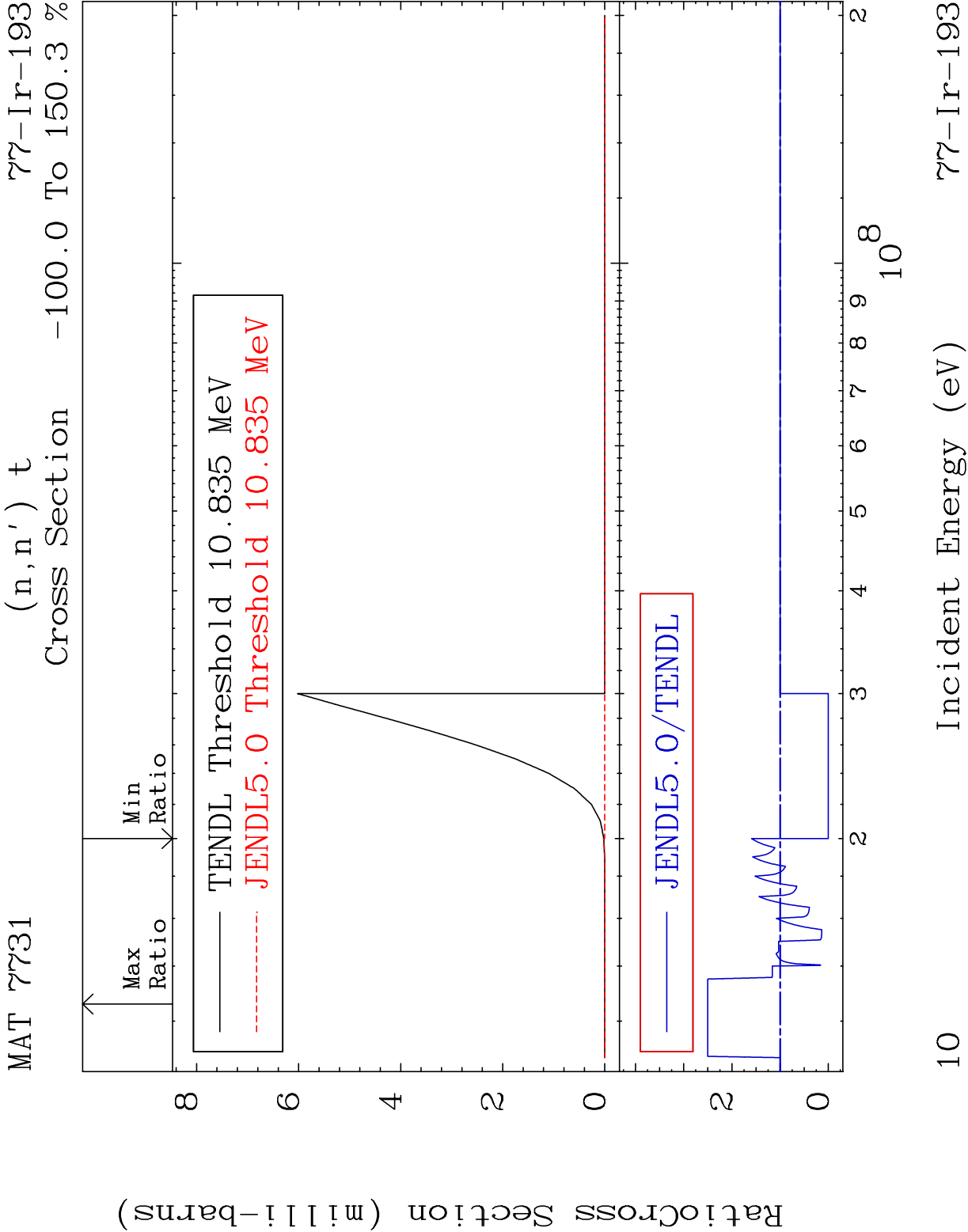
Cross Section -100.0 To 999.9 %



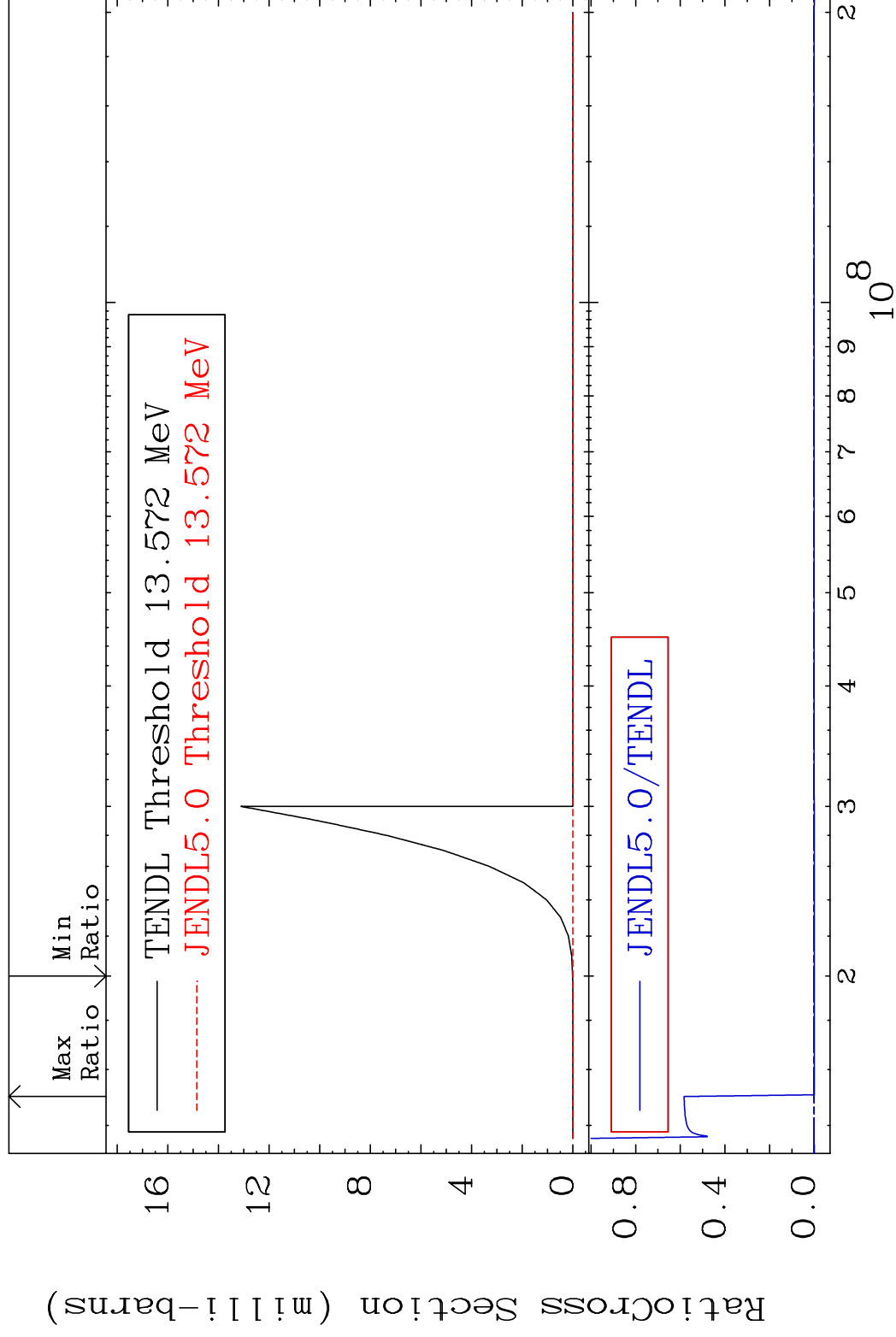


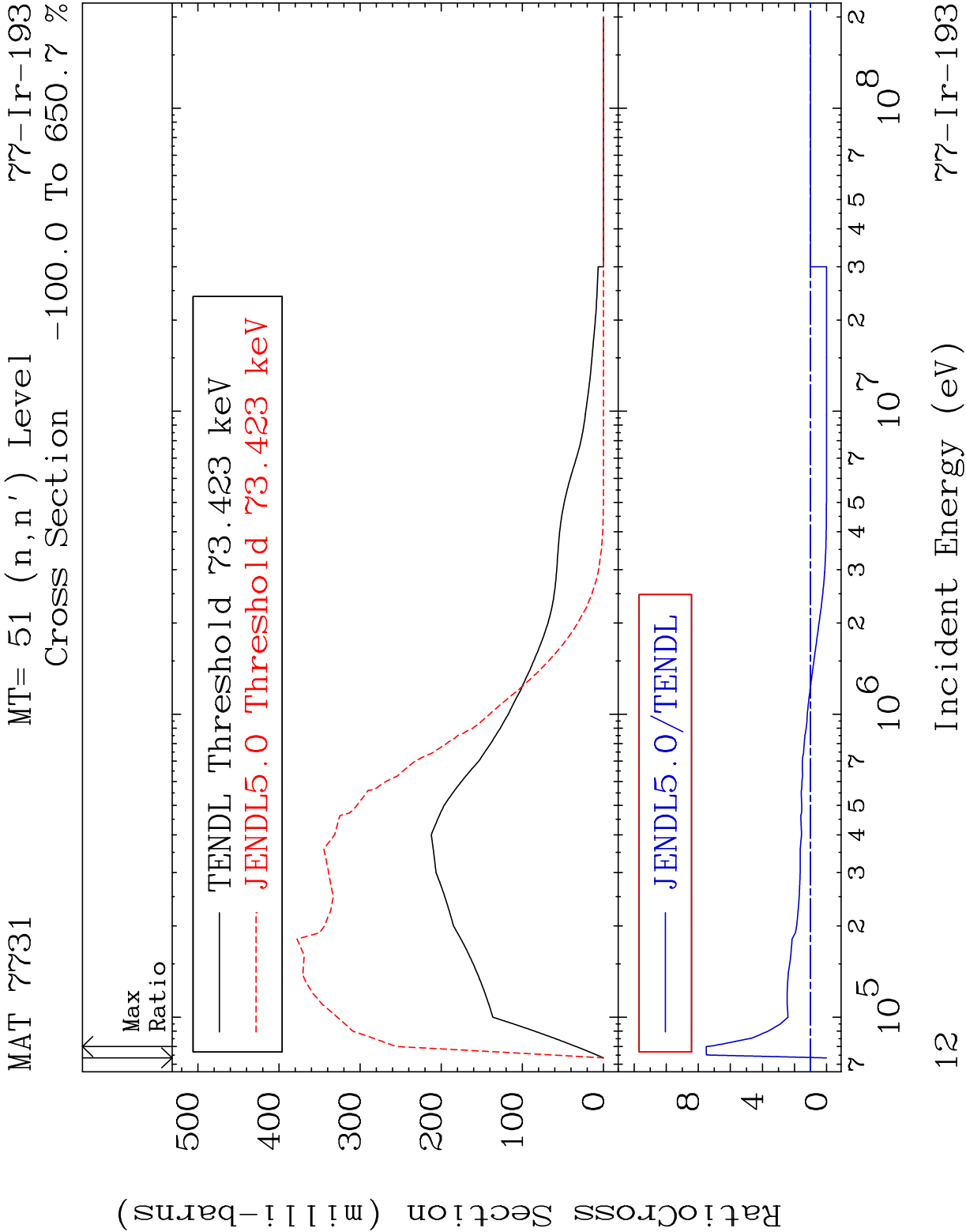
9

77-Ir-193

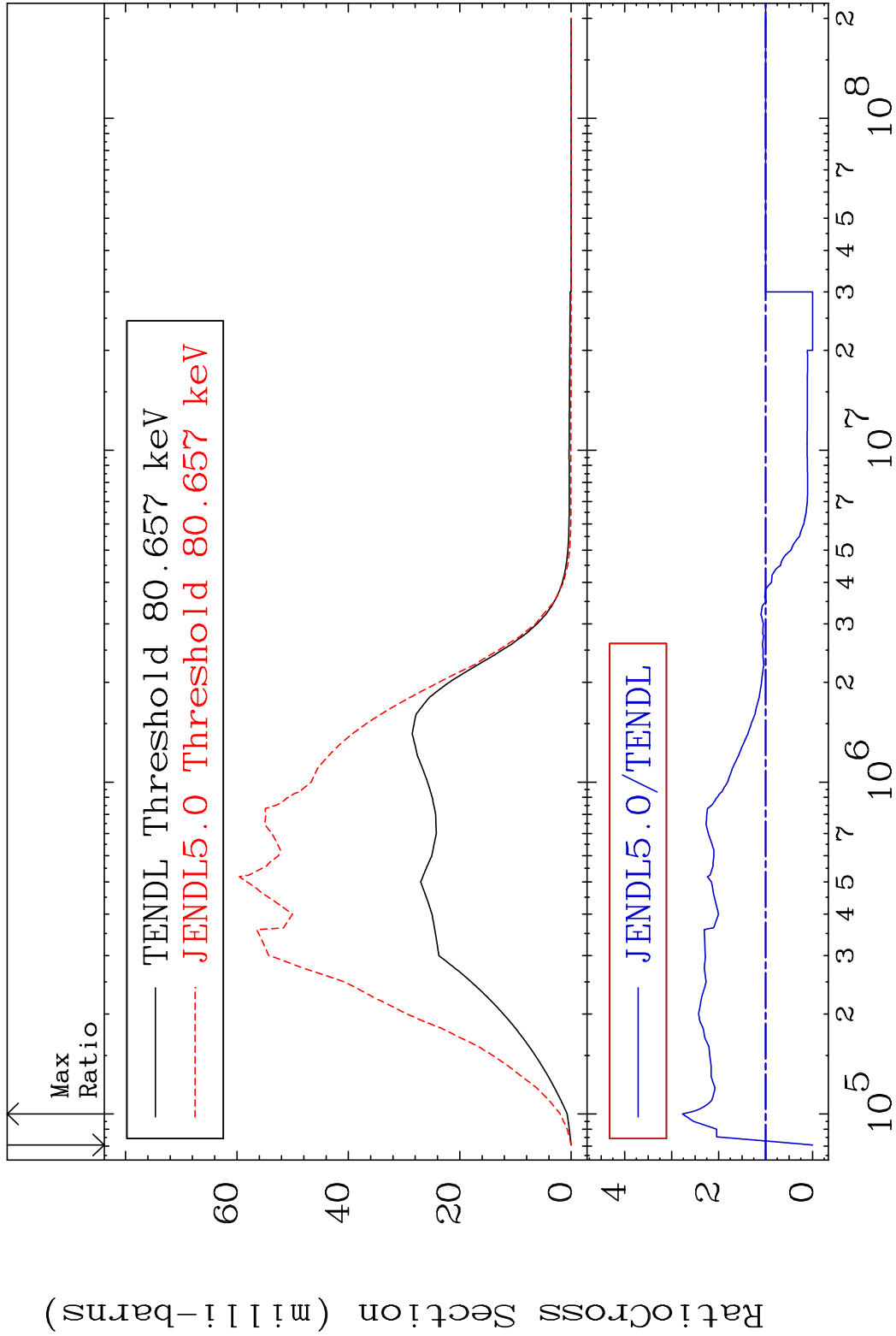


10 2

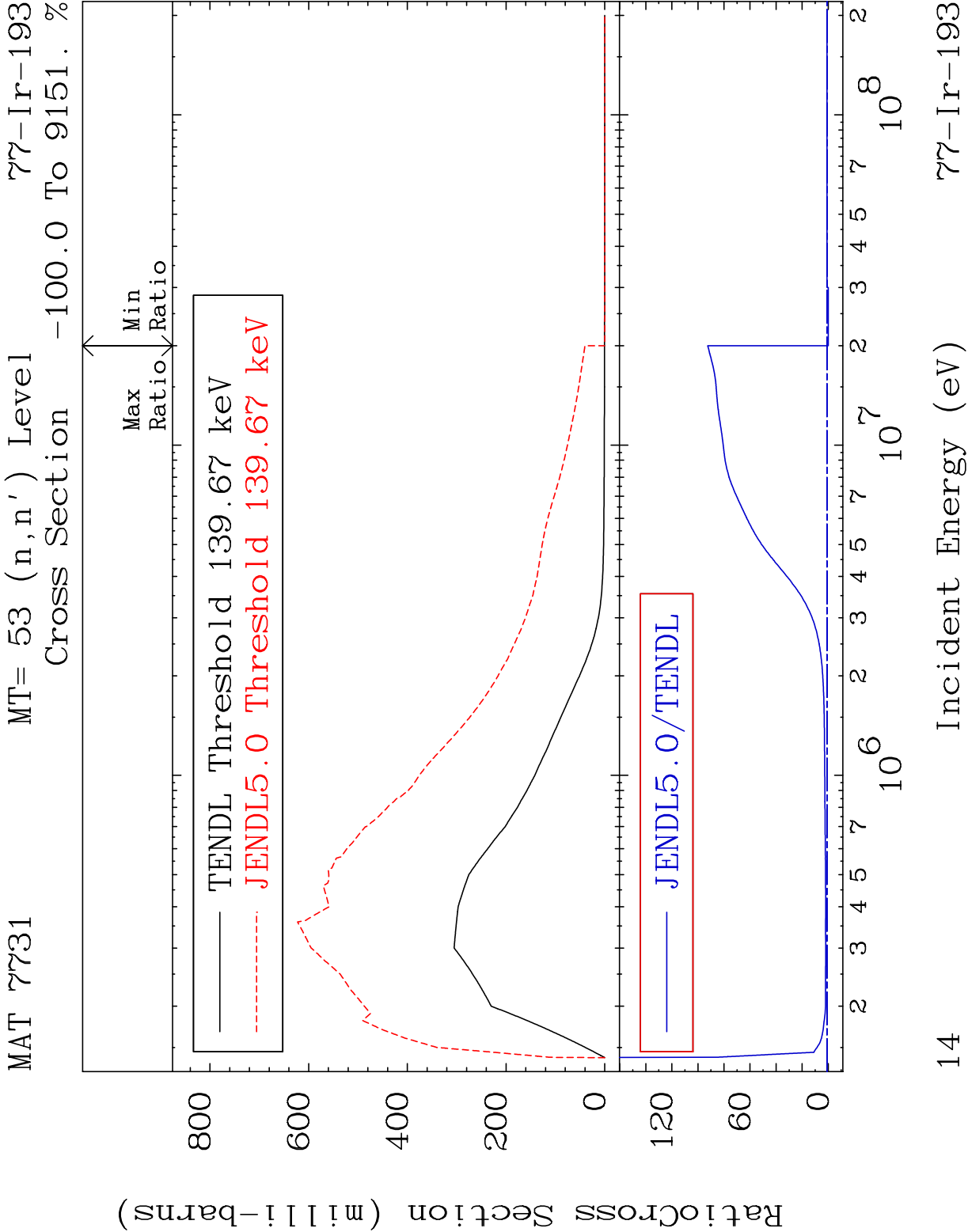




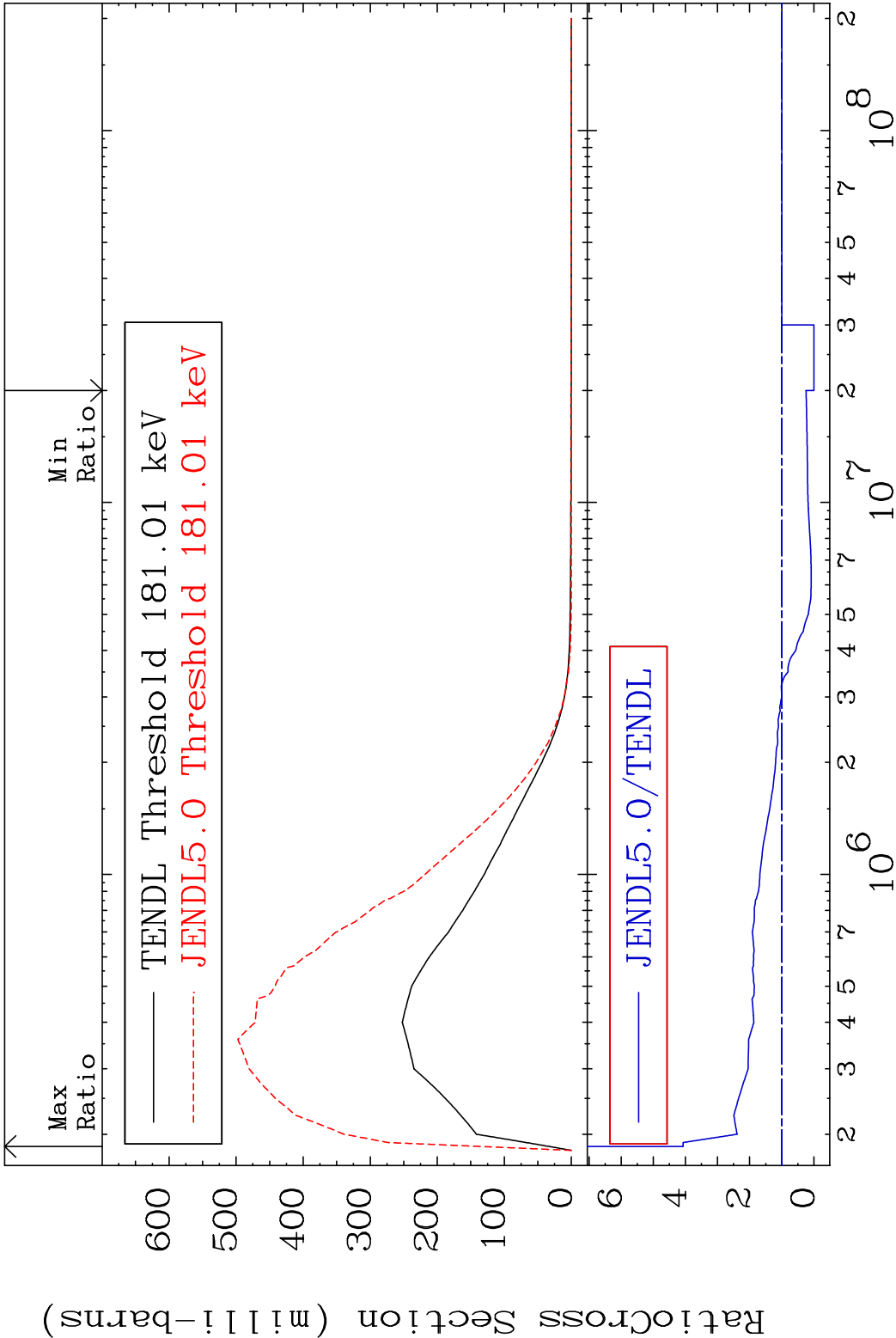
MAT 7731 MT= 52 (n,n') Level 77-Ir-193
Cross Section -100.0 To 177.2 %



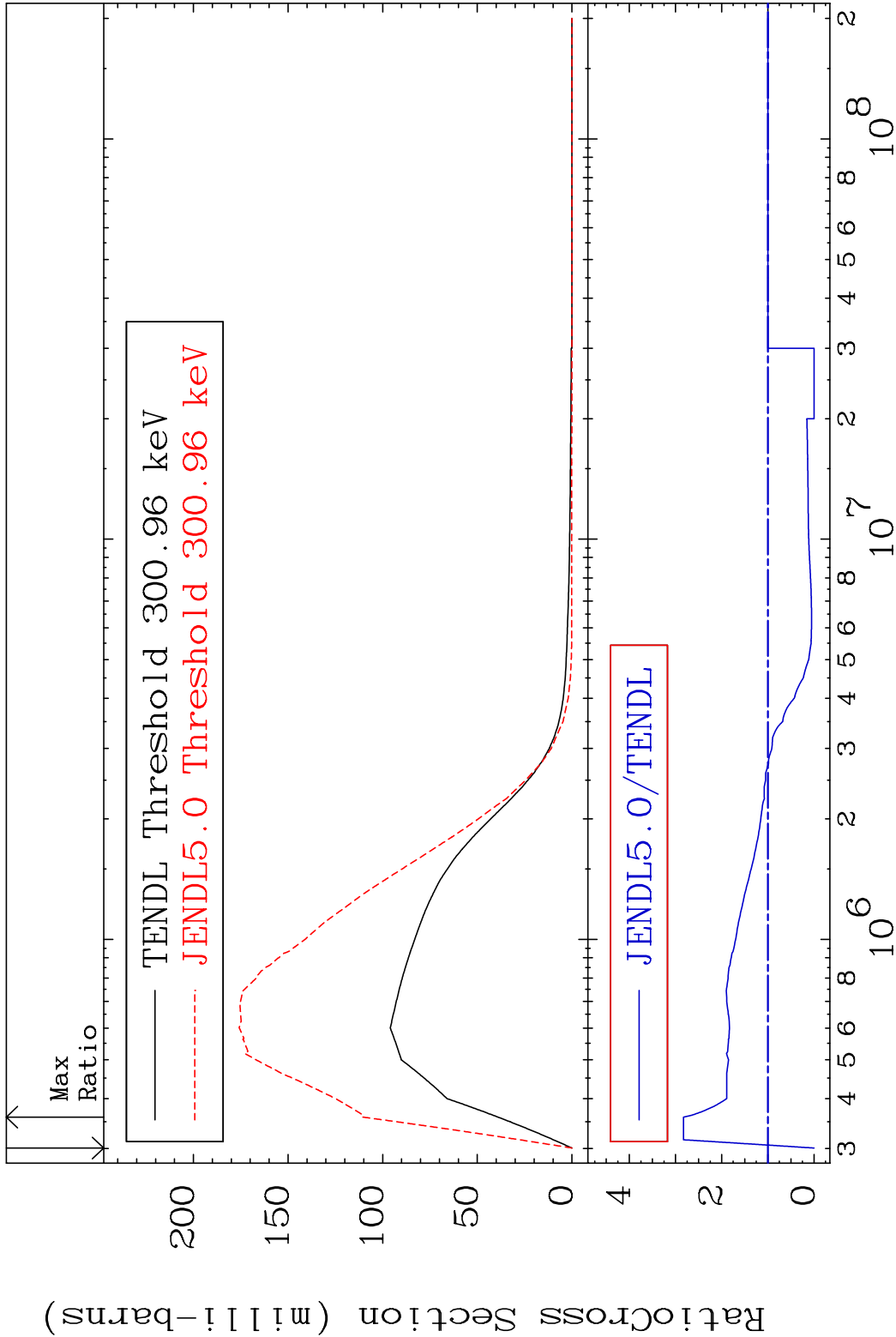
13 Incident Energy (eV) 77-Ir-193



MAT 7731 MT= 54 (n,n') Level 77-Ir-193
Cross Section -100.0 To 307.4 %

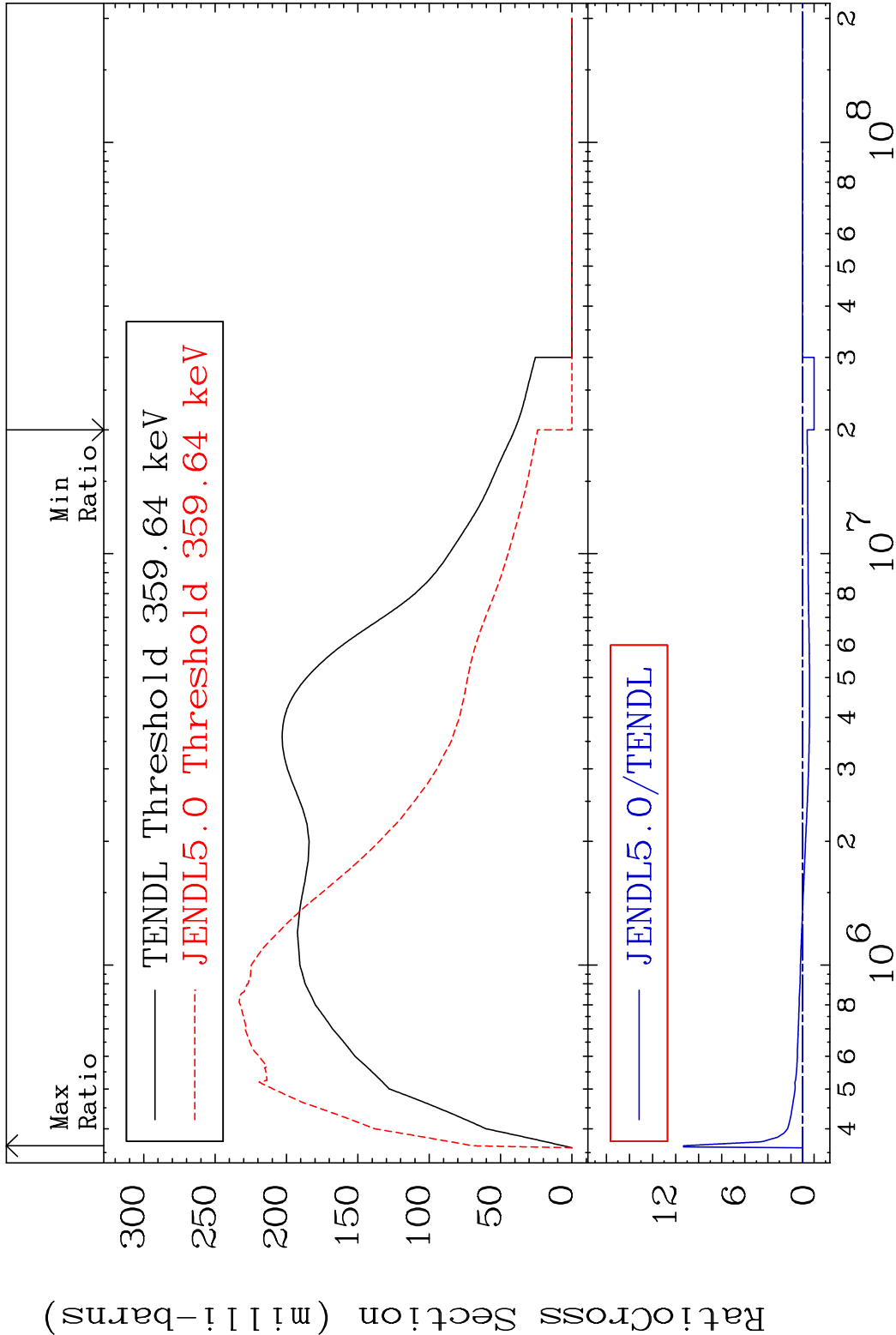


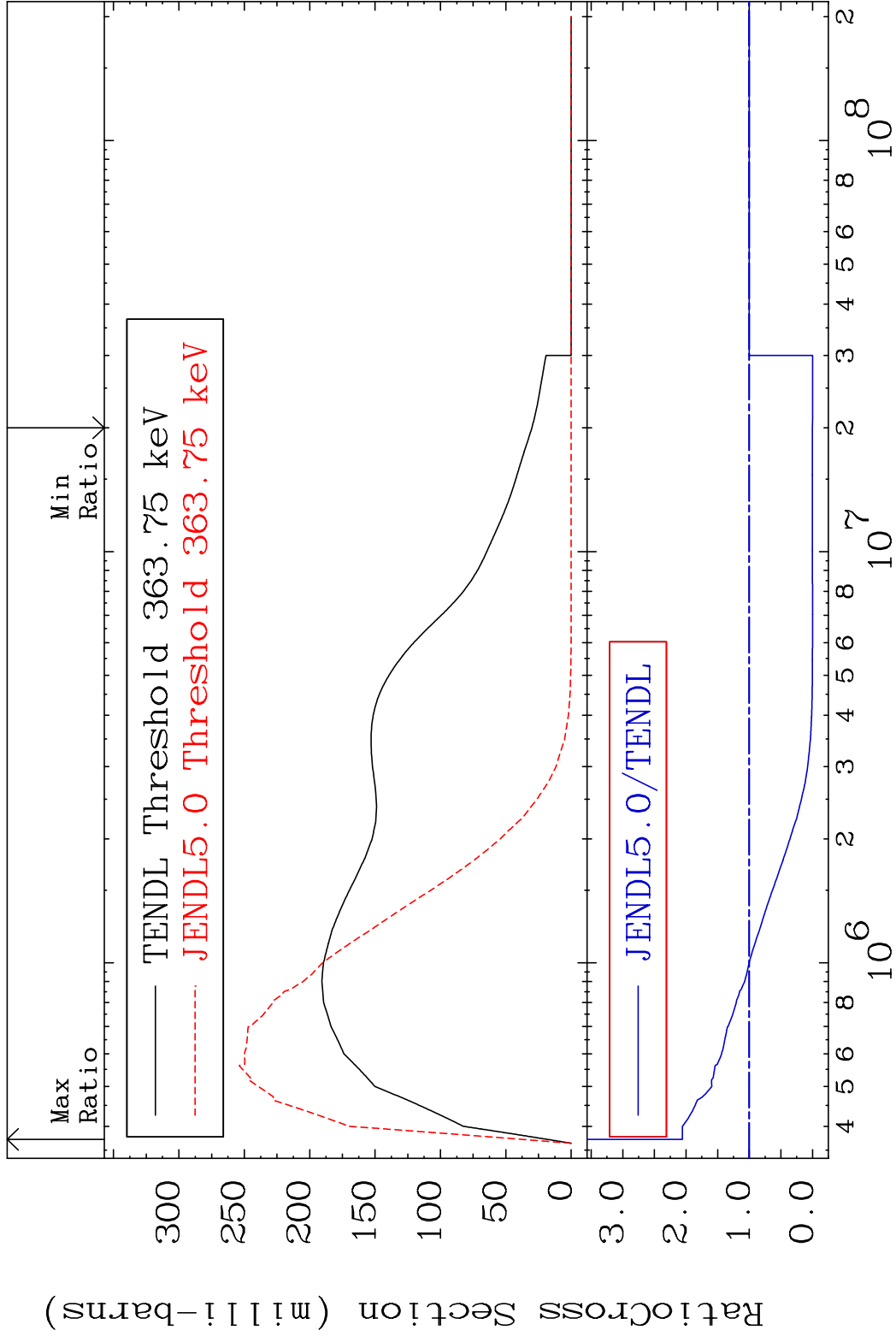
MAT 7731 MT= 55 (n,n') Level 77-Ir-193
Cross Section -100.0 To 182.8 %



MAT 7731 MT= 56 (n,n') Level 77-Ir-193

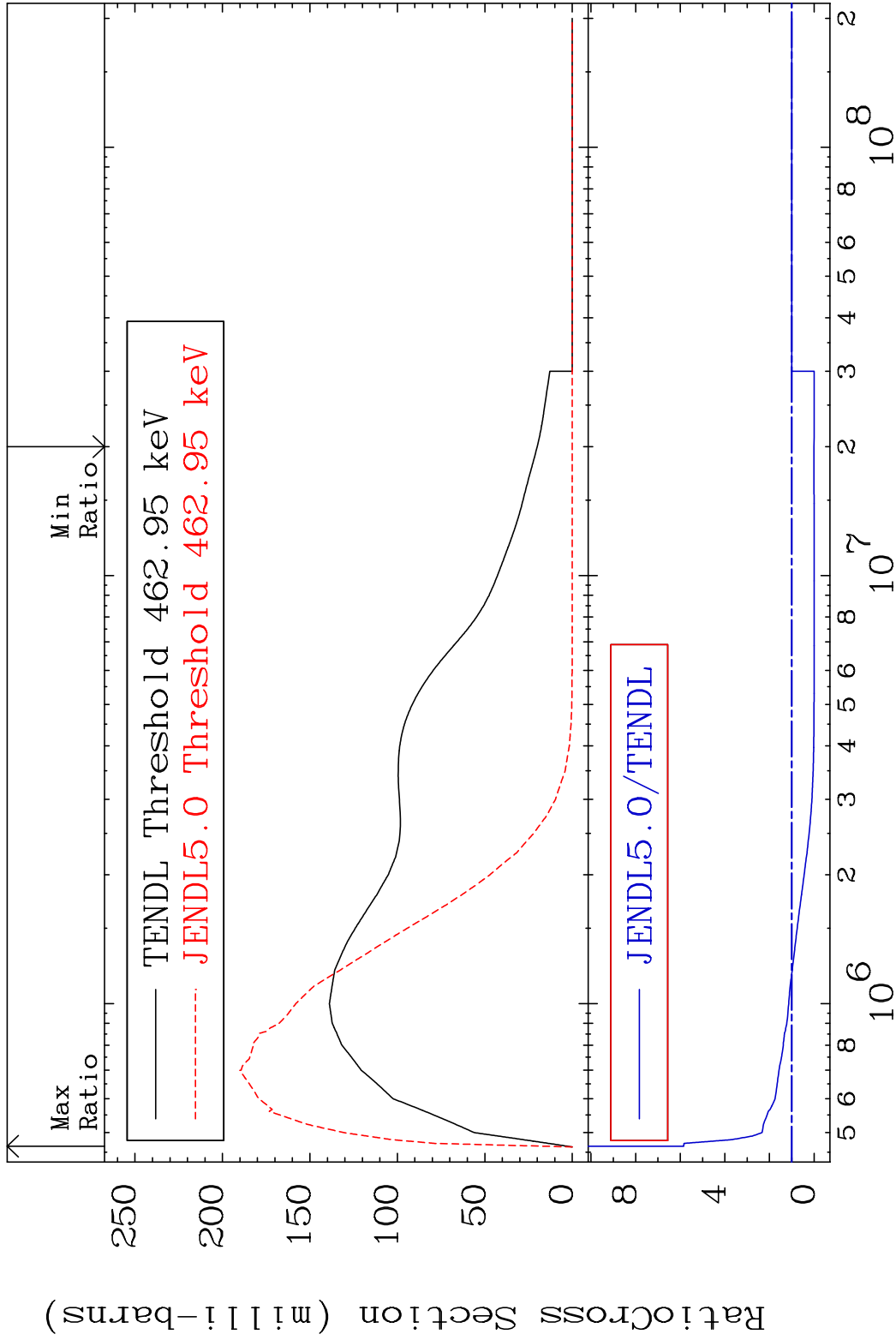
Cross Section -100.0 To 1032. %



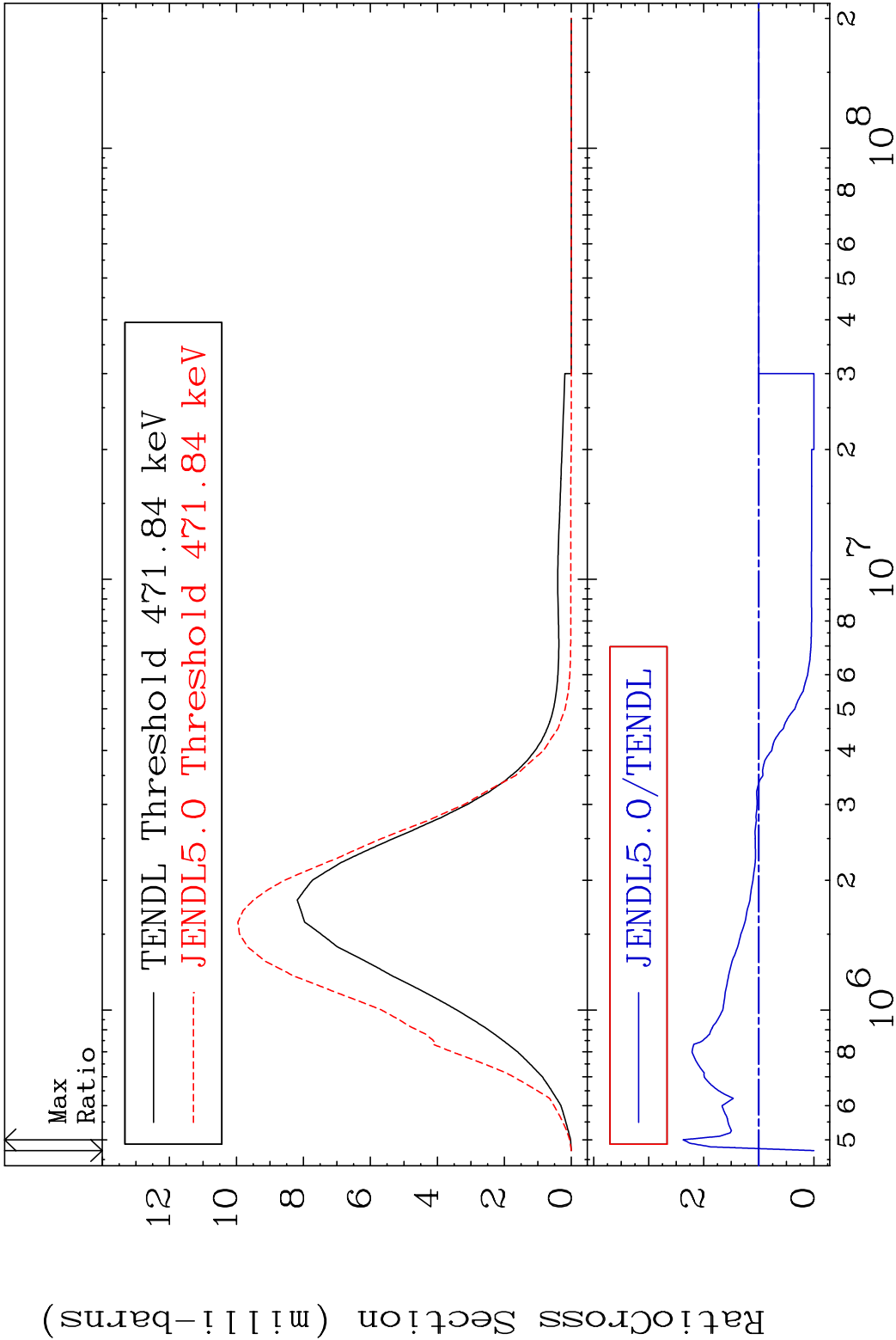


MAT 7731 MT= 58 (n,n') Level 77-Ir-193

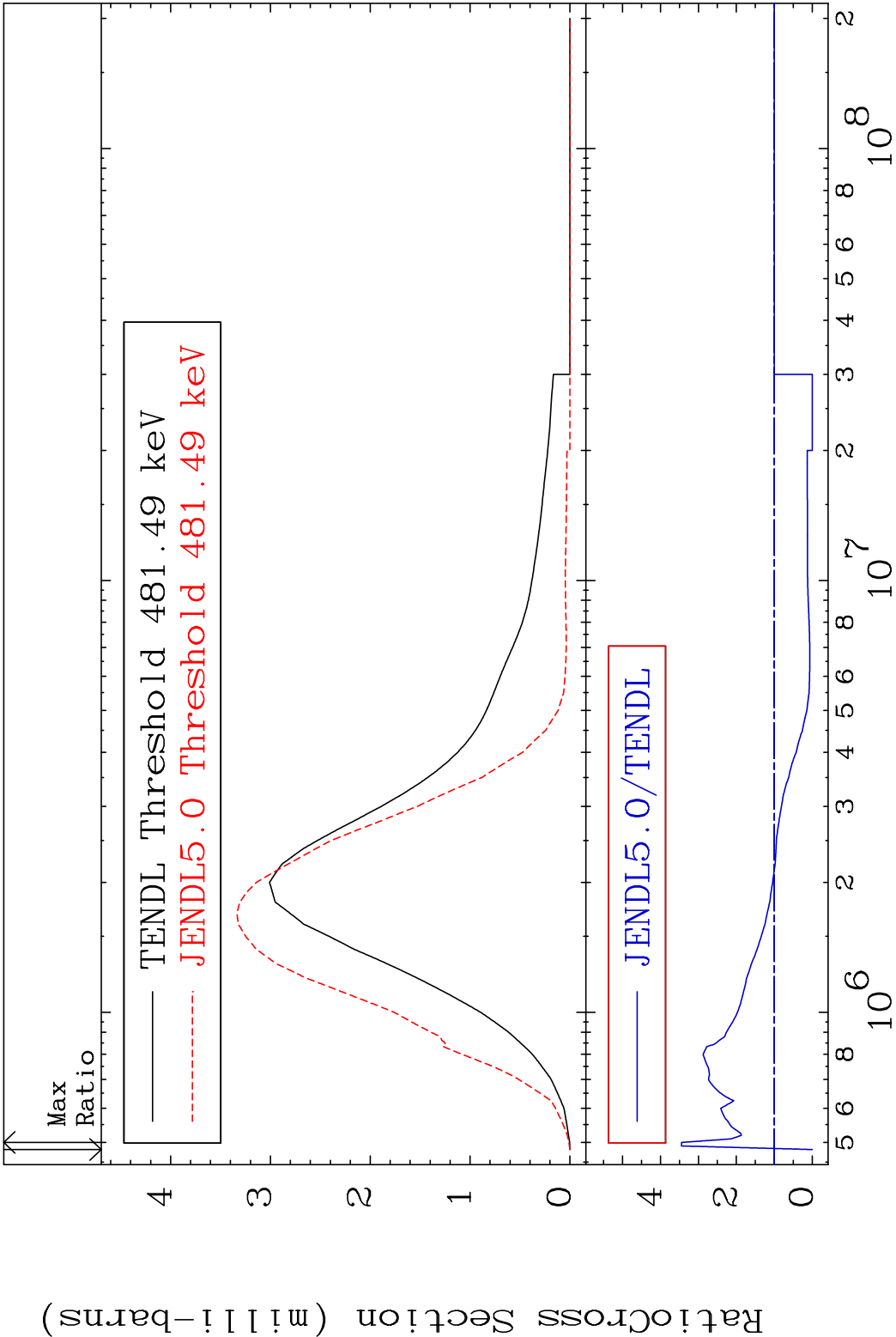
Cross Section -100.0 To 484.7 %

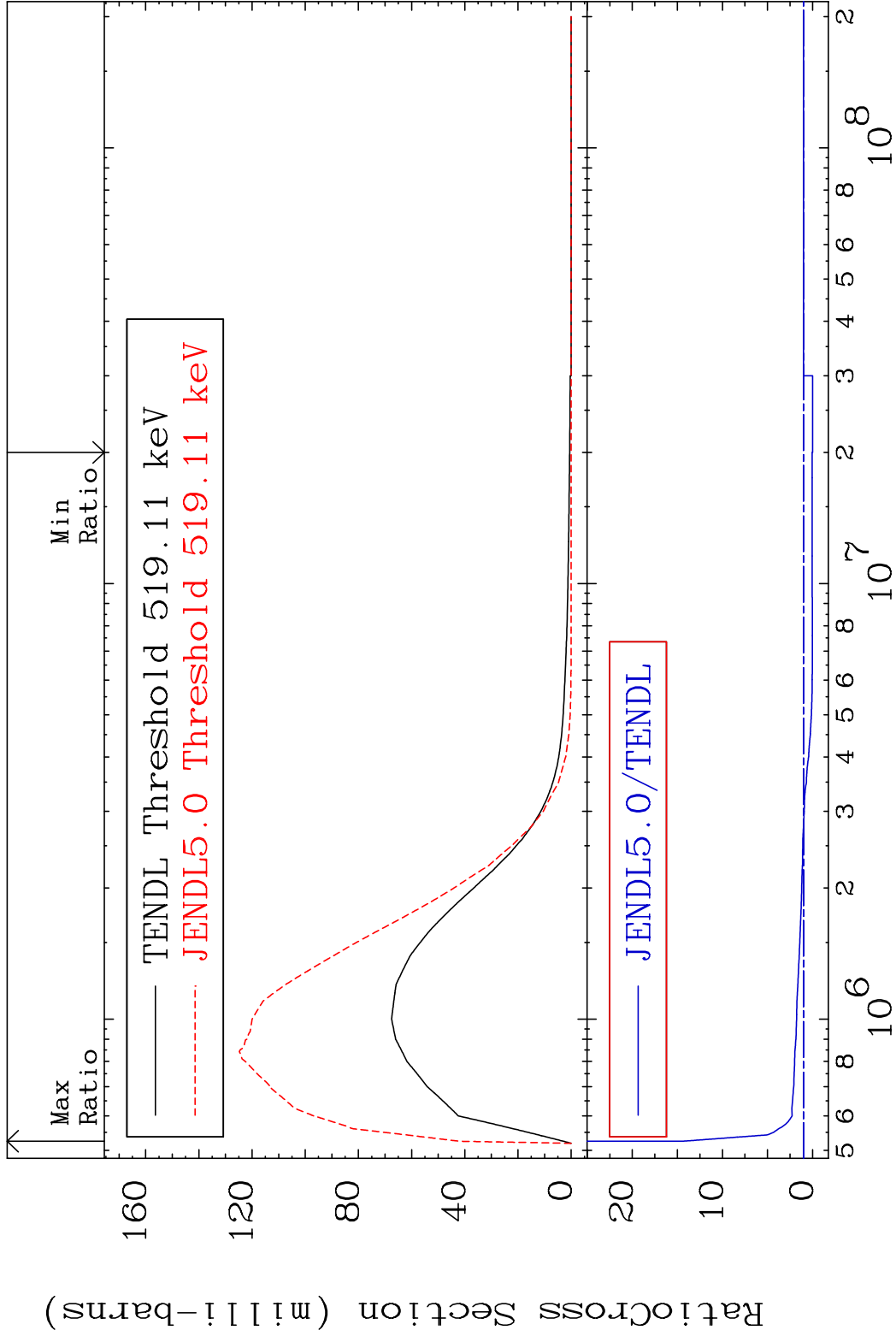


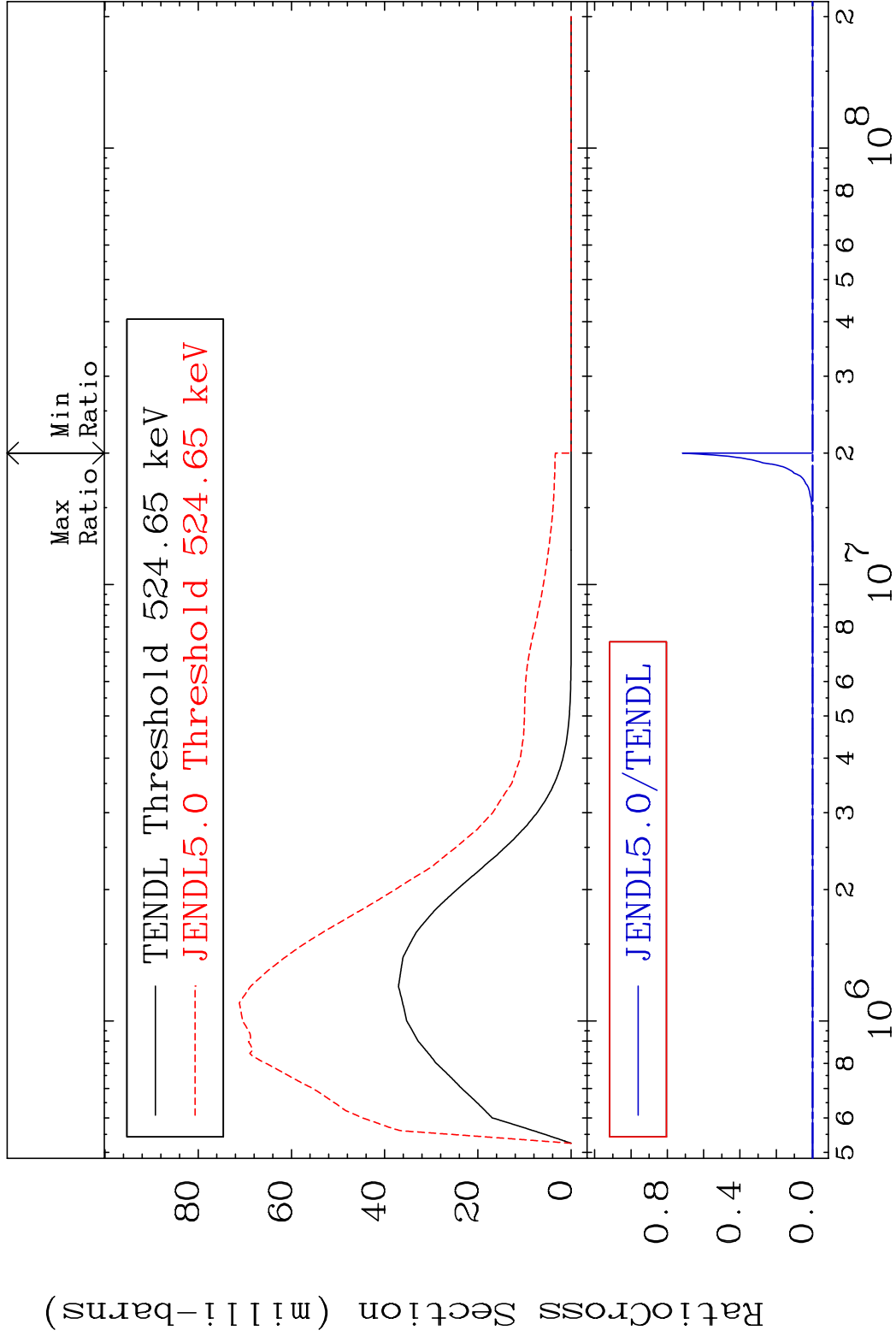
MAT 7731 MT= 59 (n,n') Level 77-Ir-193
Cross Section -100.0 To 137.6 %



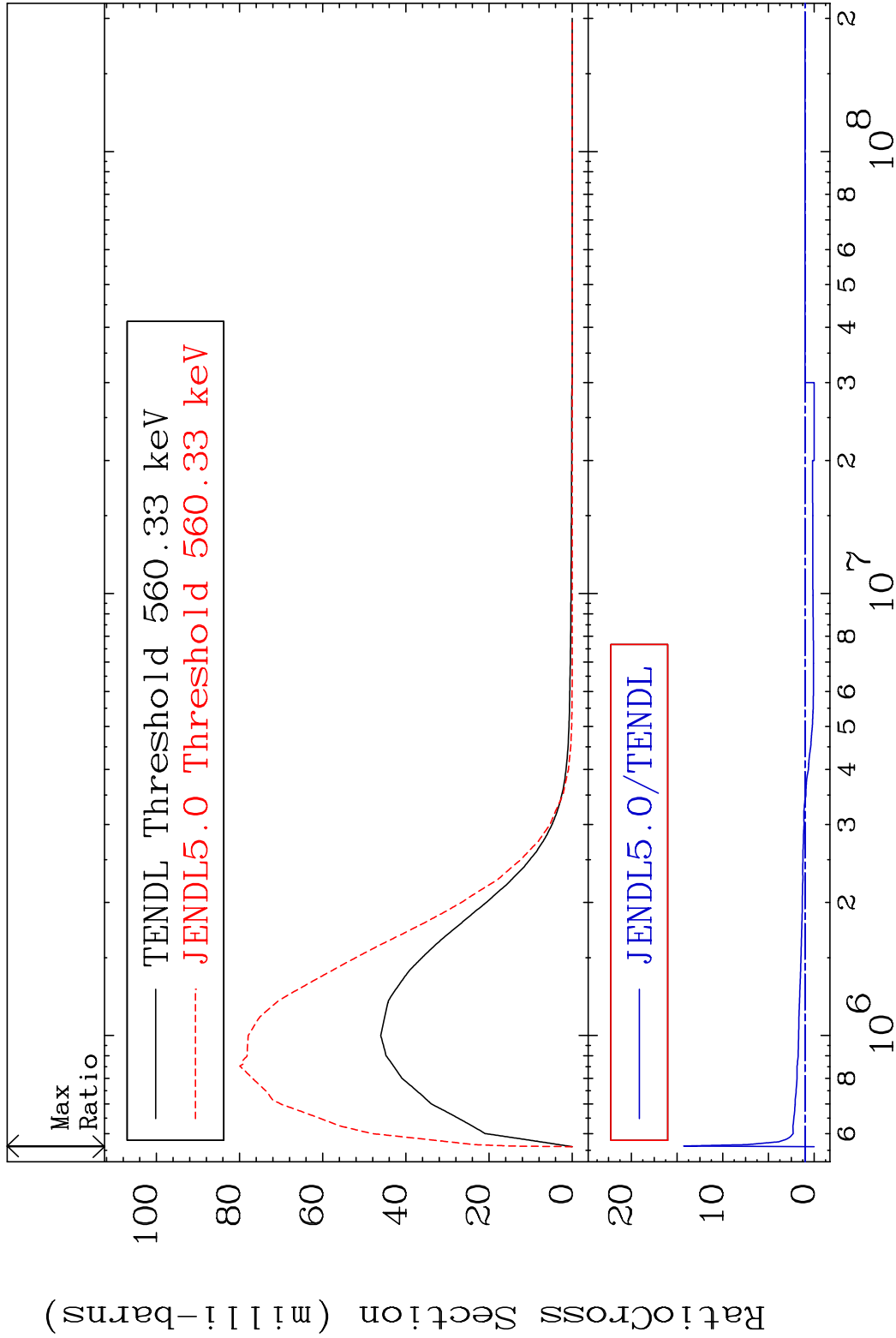
MAT 7731 MT= 60 (n,n') Level 77-Ir-193
 Cross Section -100.0 To 244.5 %



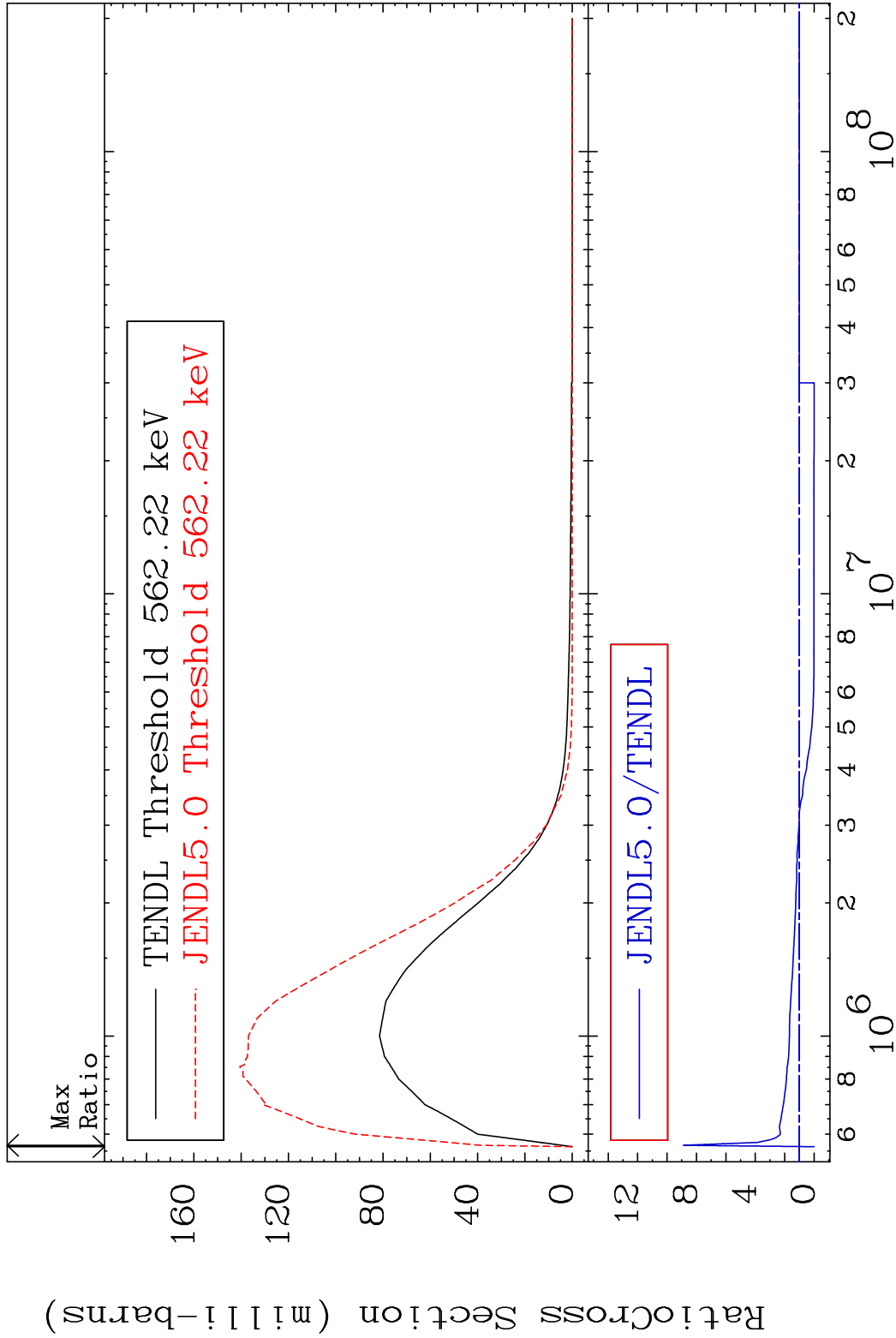


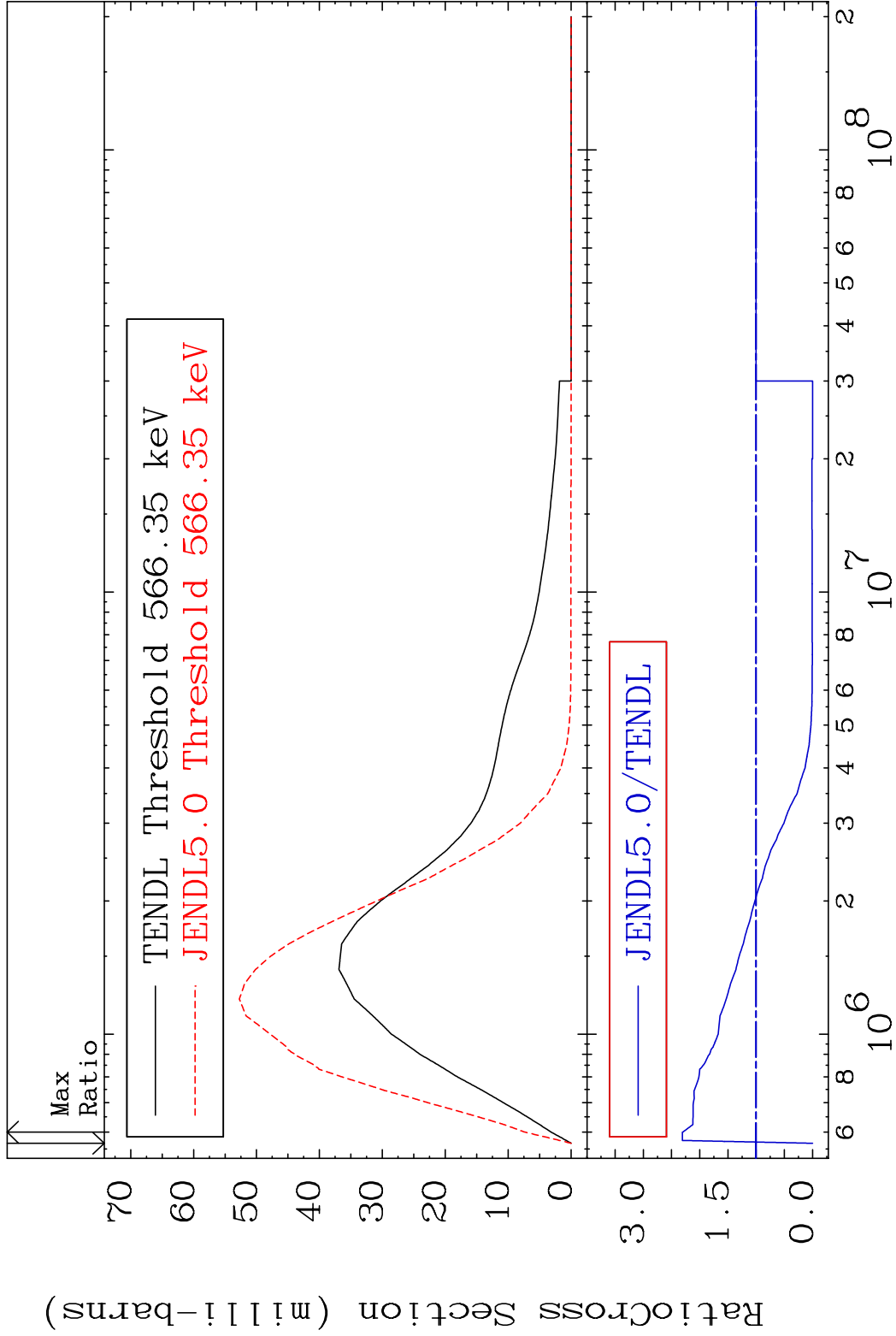


MAT 7731 MT= 63 (n,n') Level 77-Ir-193
Cross Section -100.0 To 1328. %

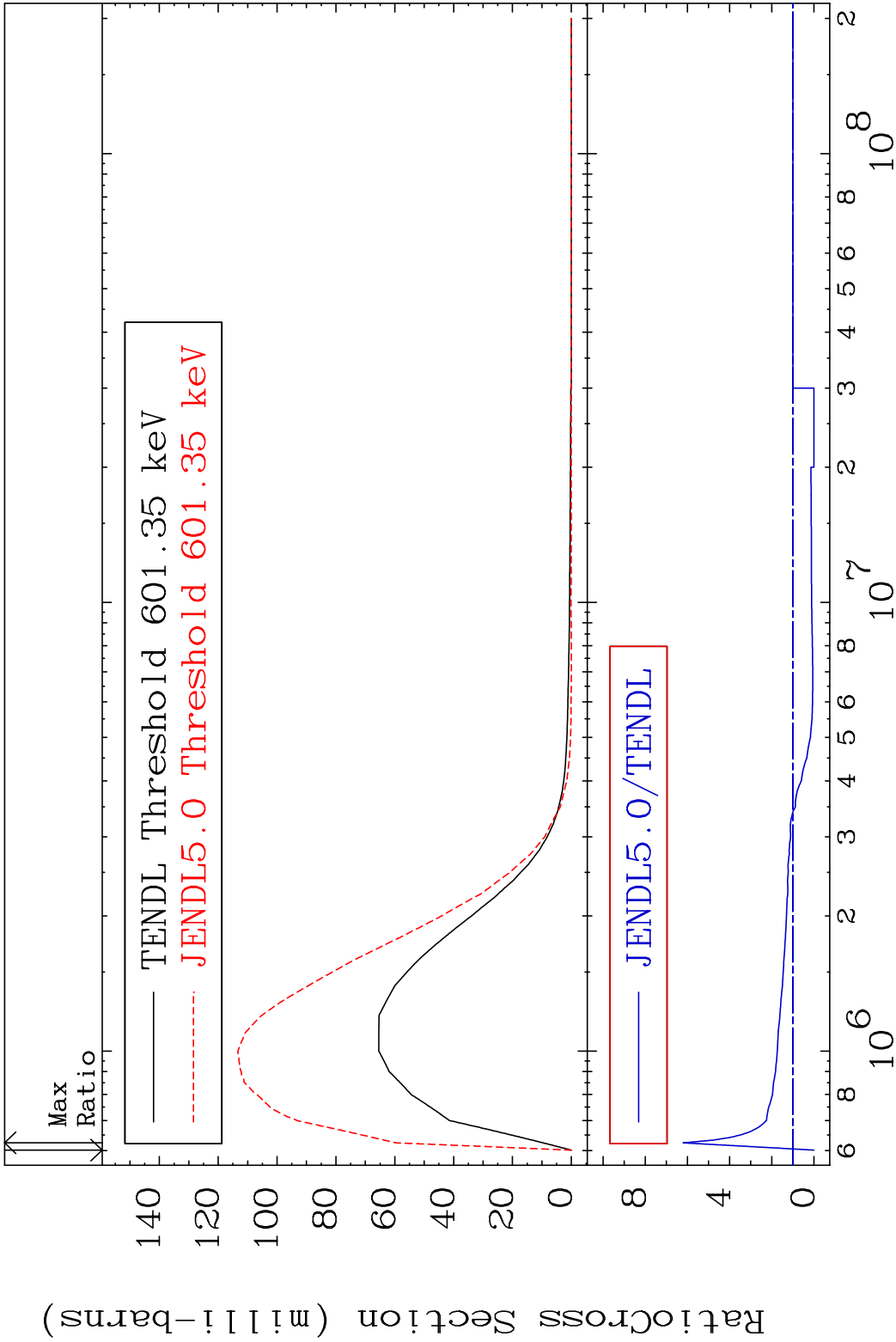


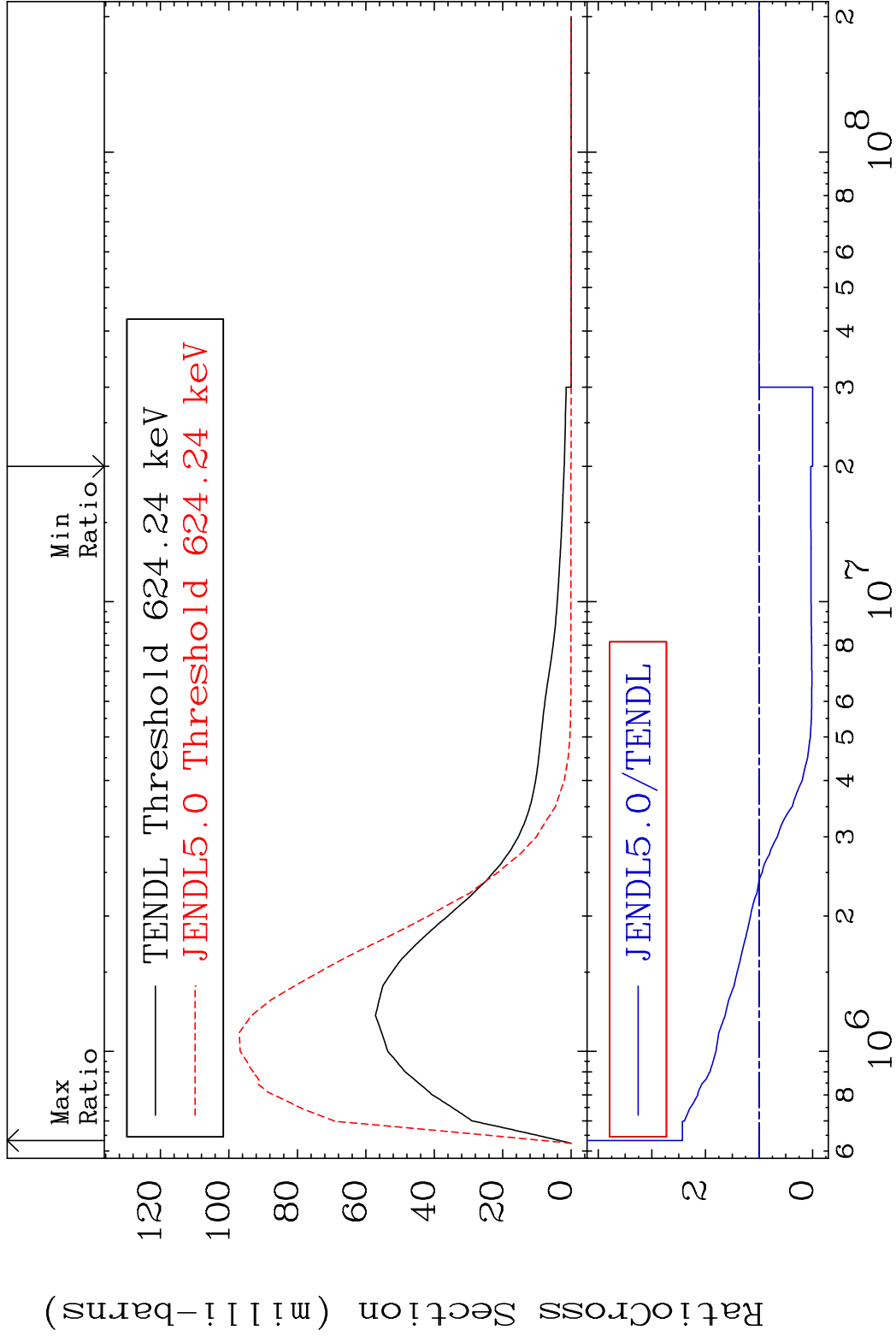
MAT 7731 MT= 64 (n,n') Level 77-Ir-193
Cross Section -100.0 To 786.9 %

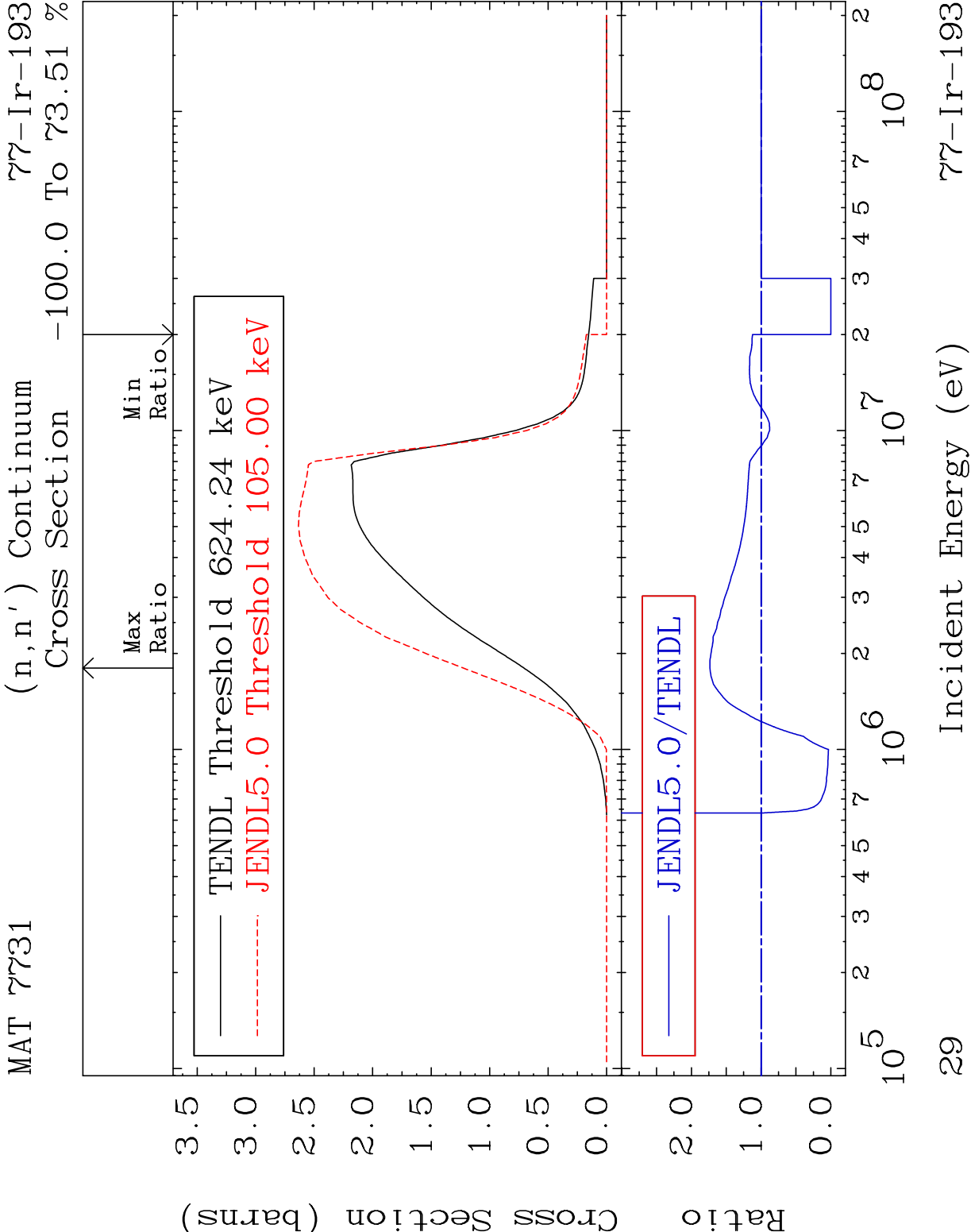




MAT 7731 MT= 66 (n,n') Level 77-Ir-193
Cross Section -100.0 To 520.4 %





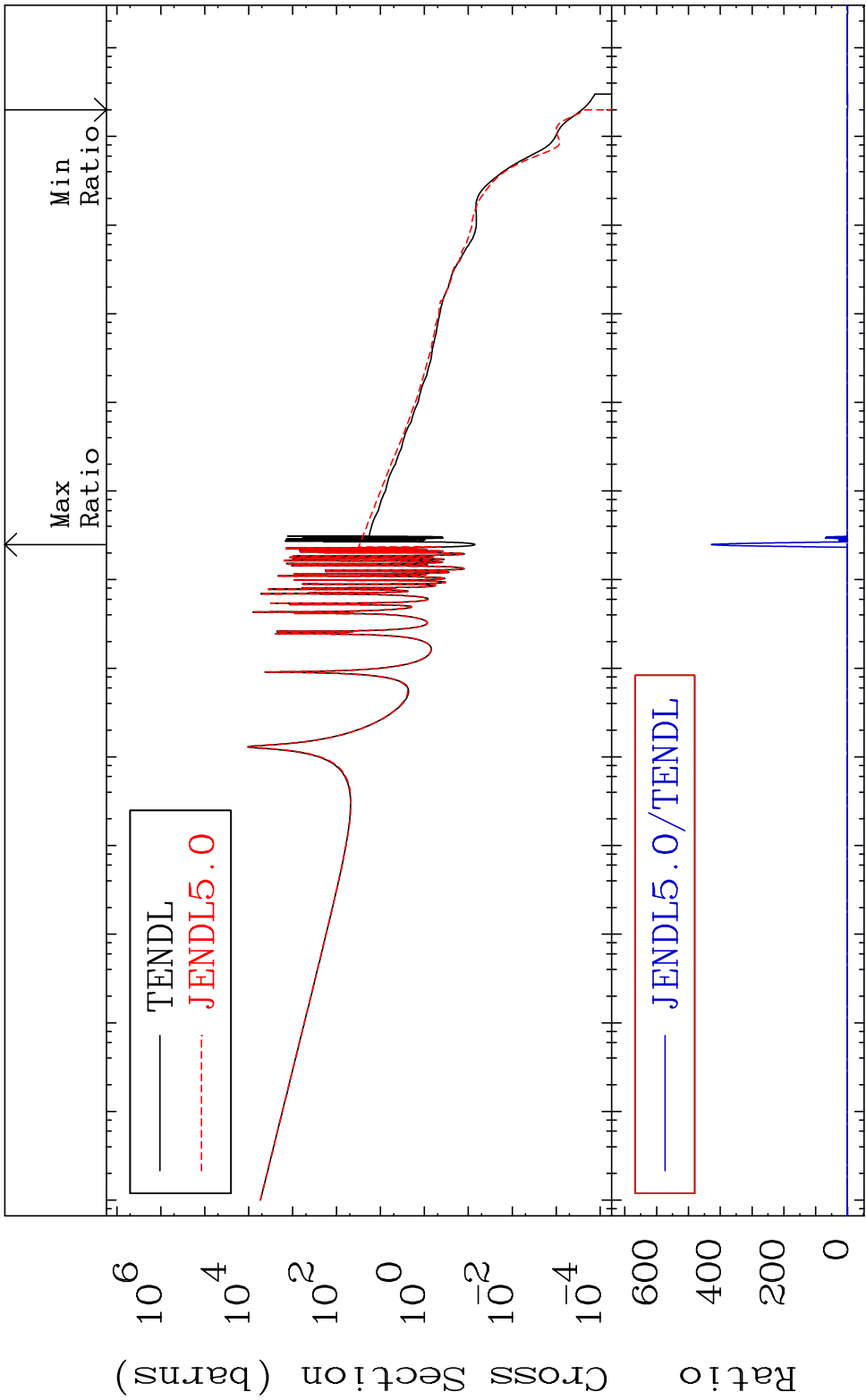


MAT 7731

(n, γ)

77-Ir-193

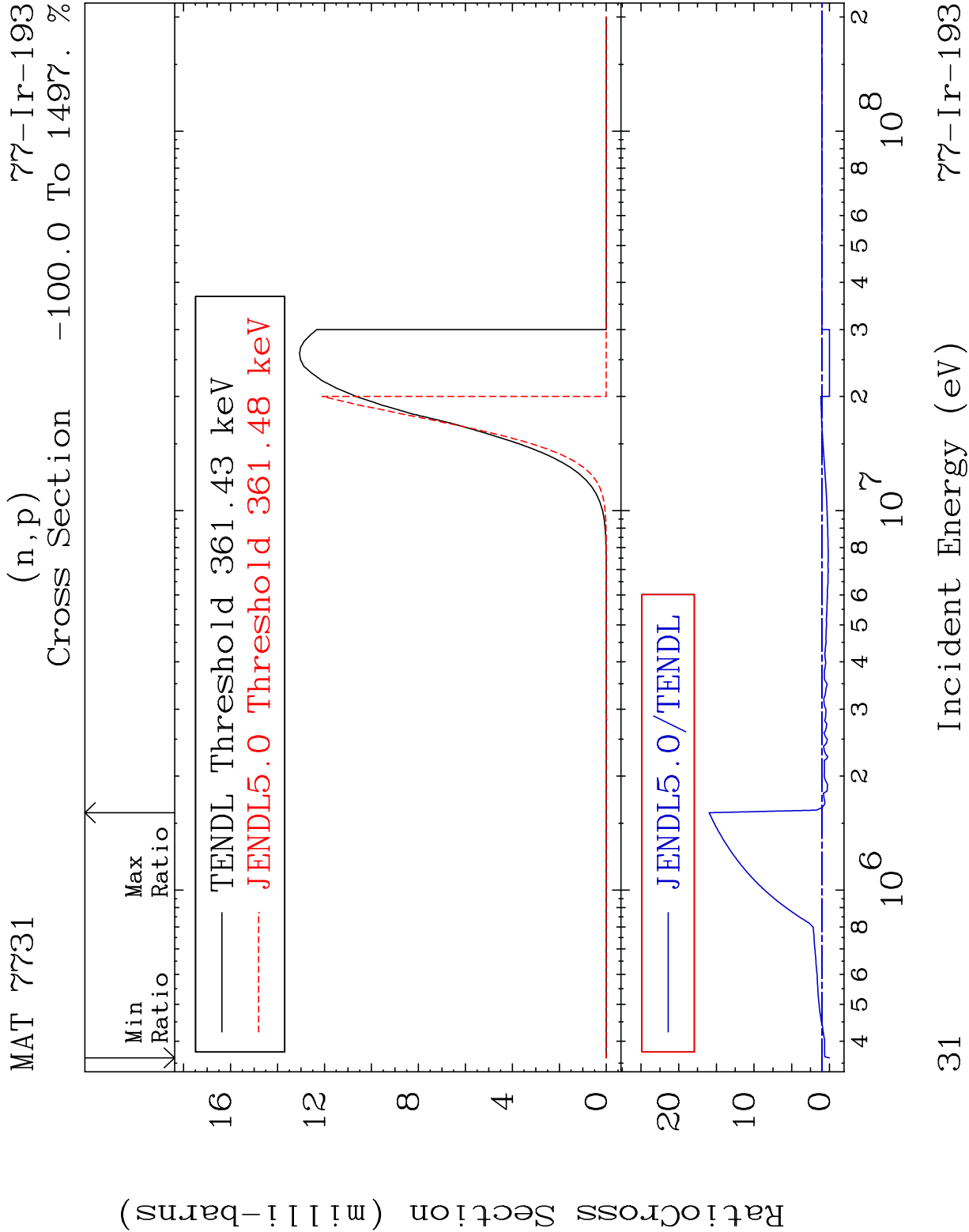
Cross Section -100.0 To 9999. %

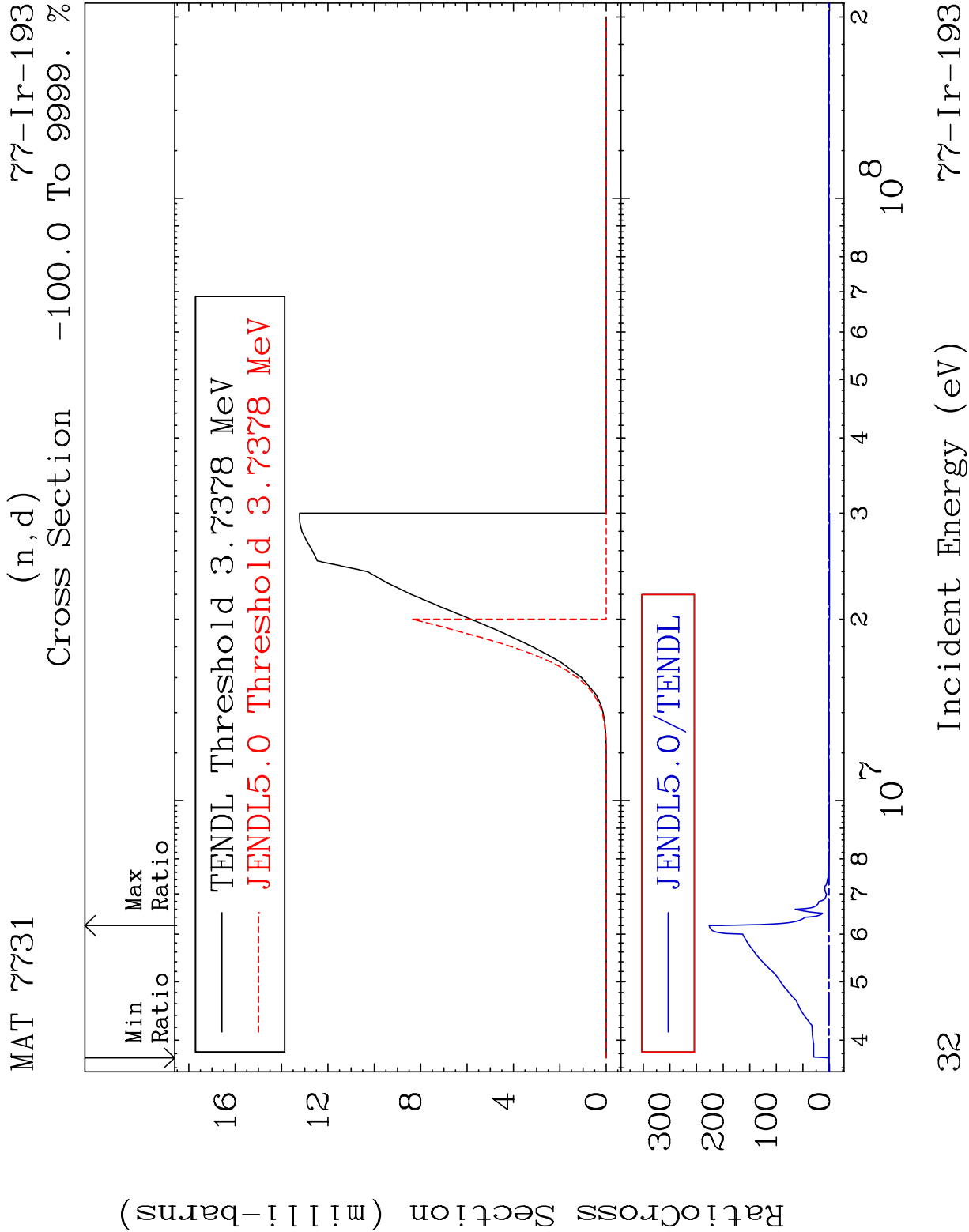


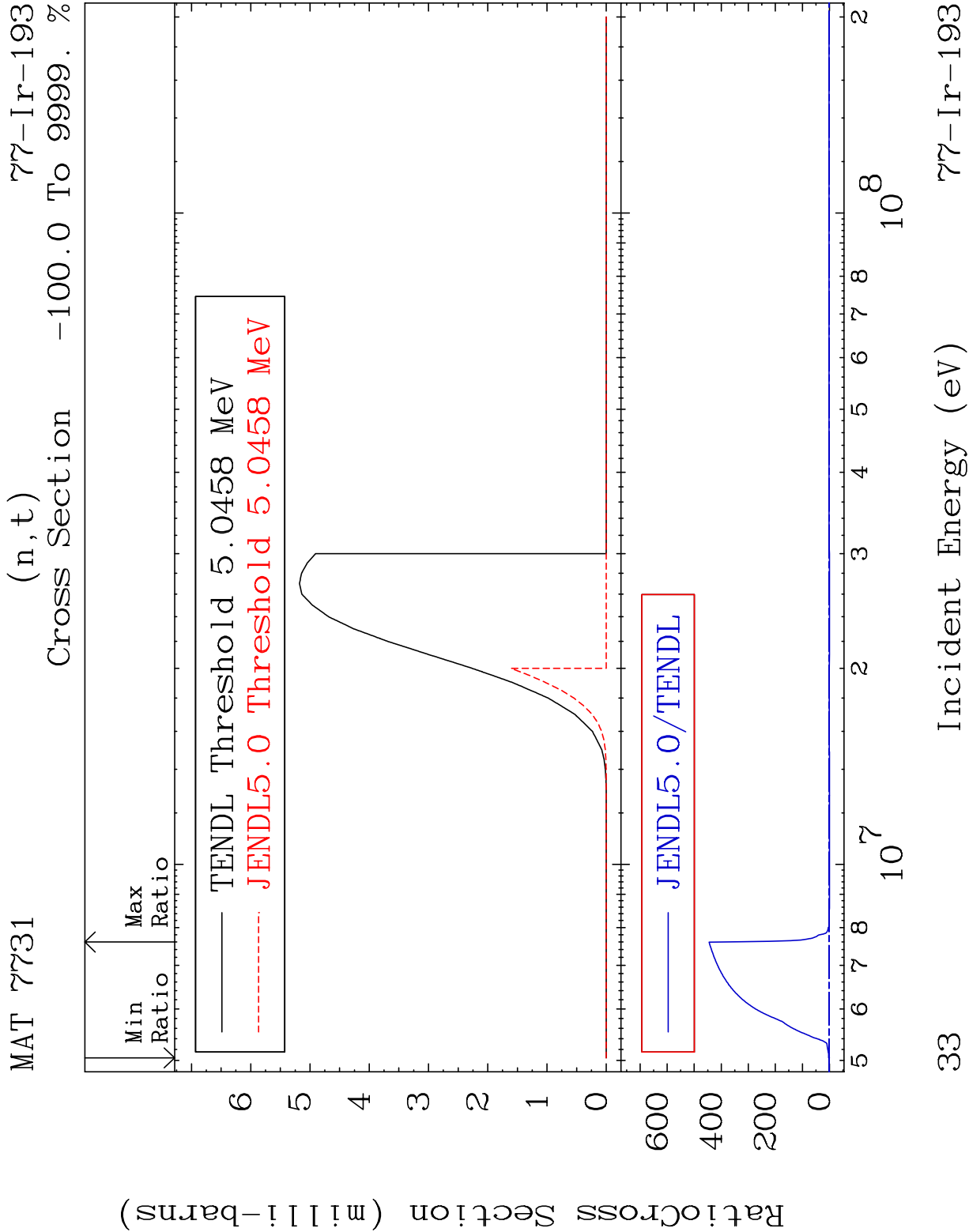
30

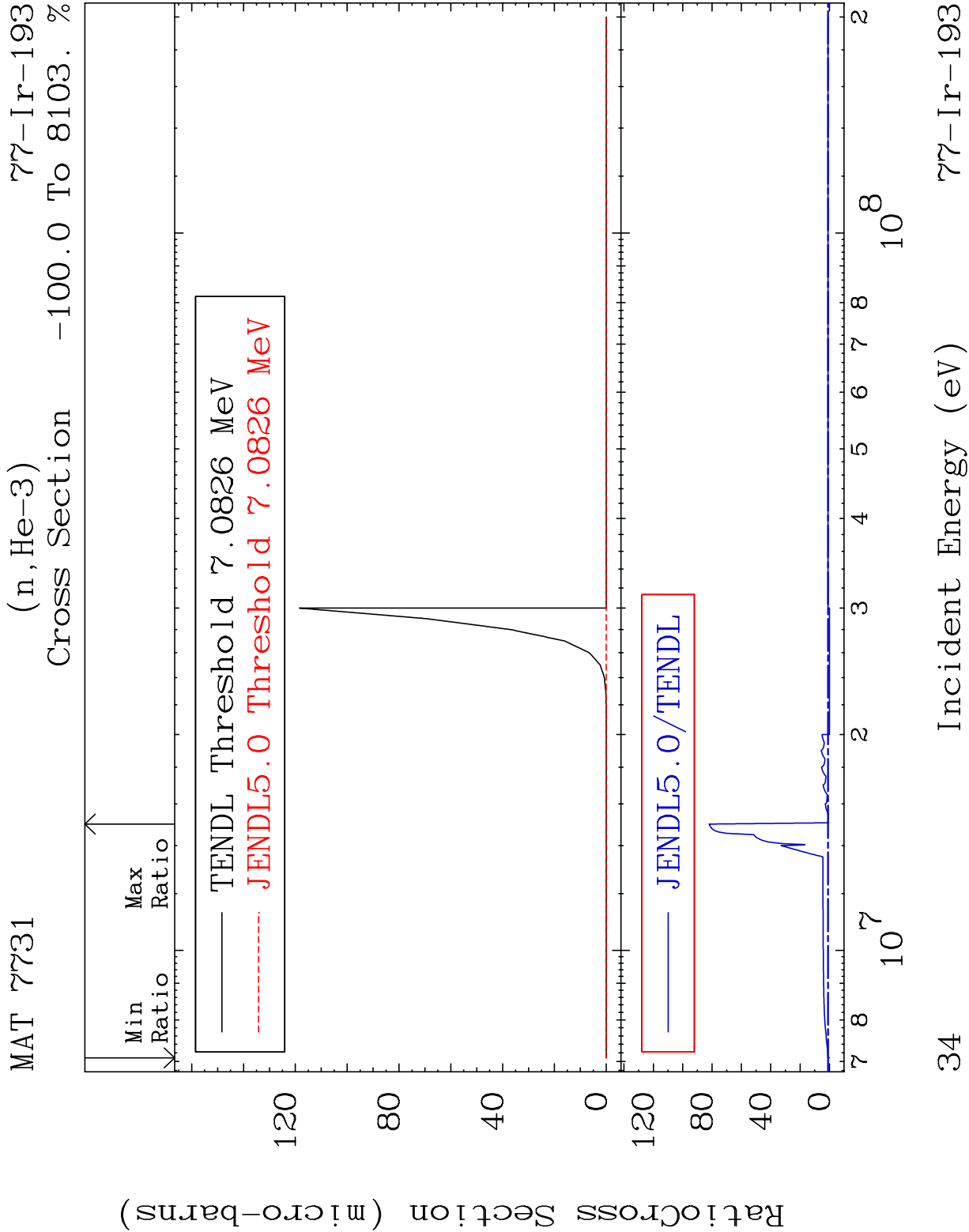
Incident Energy (eV)

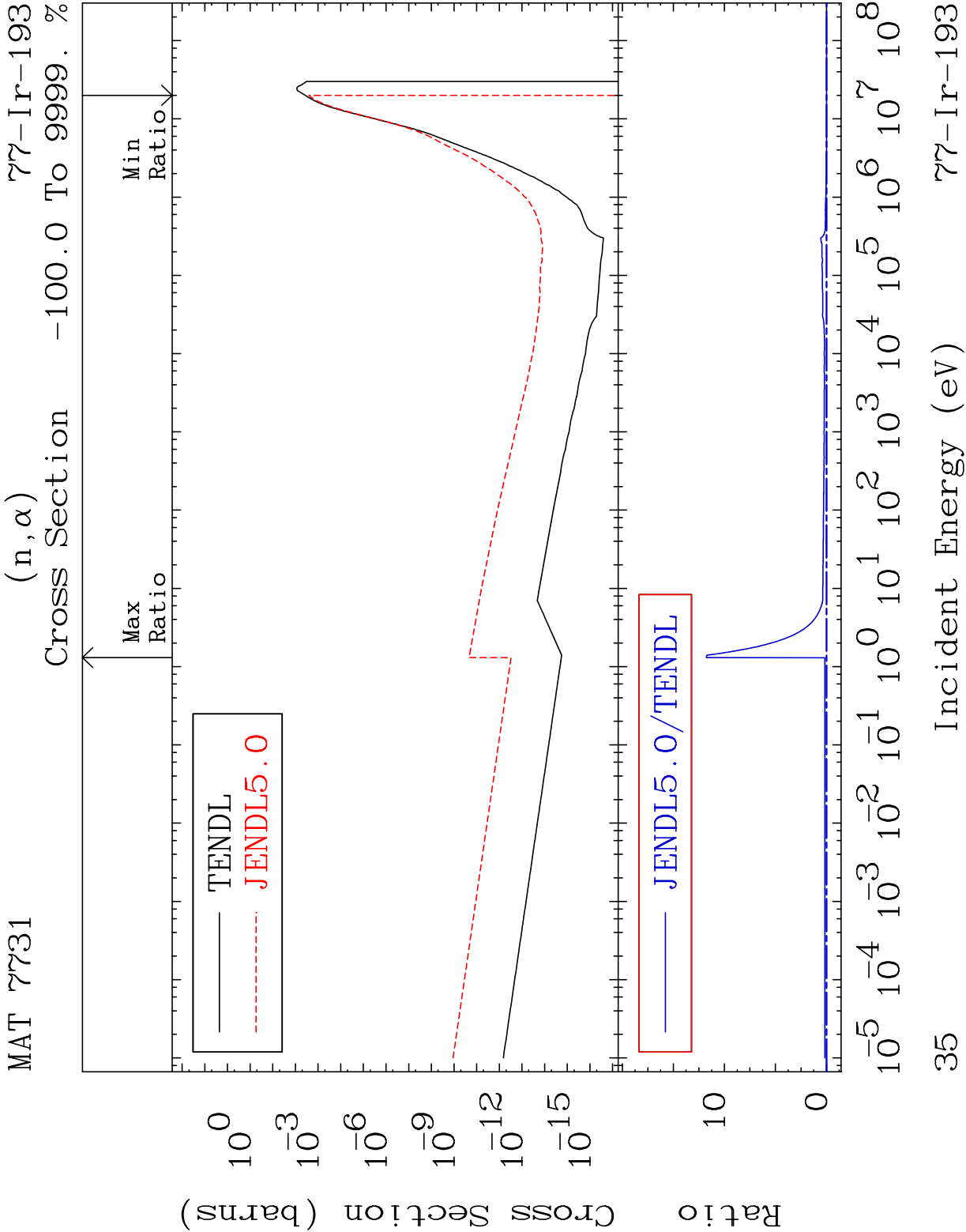
77-Ir-193

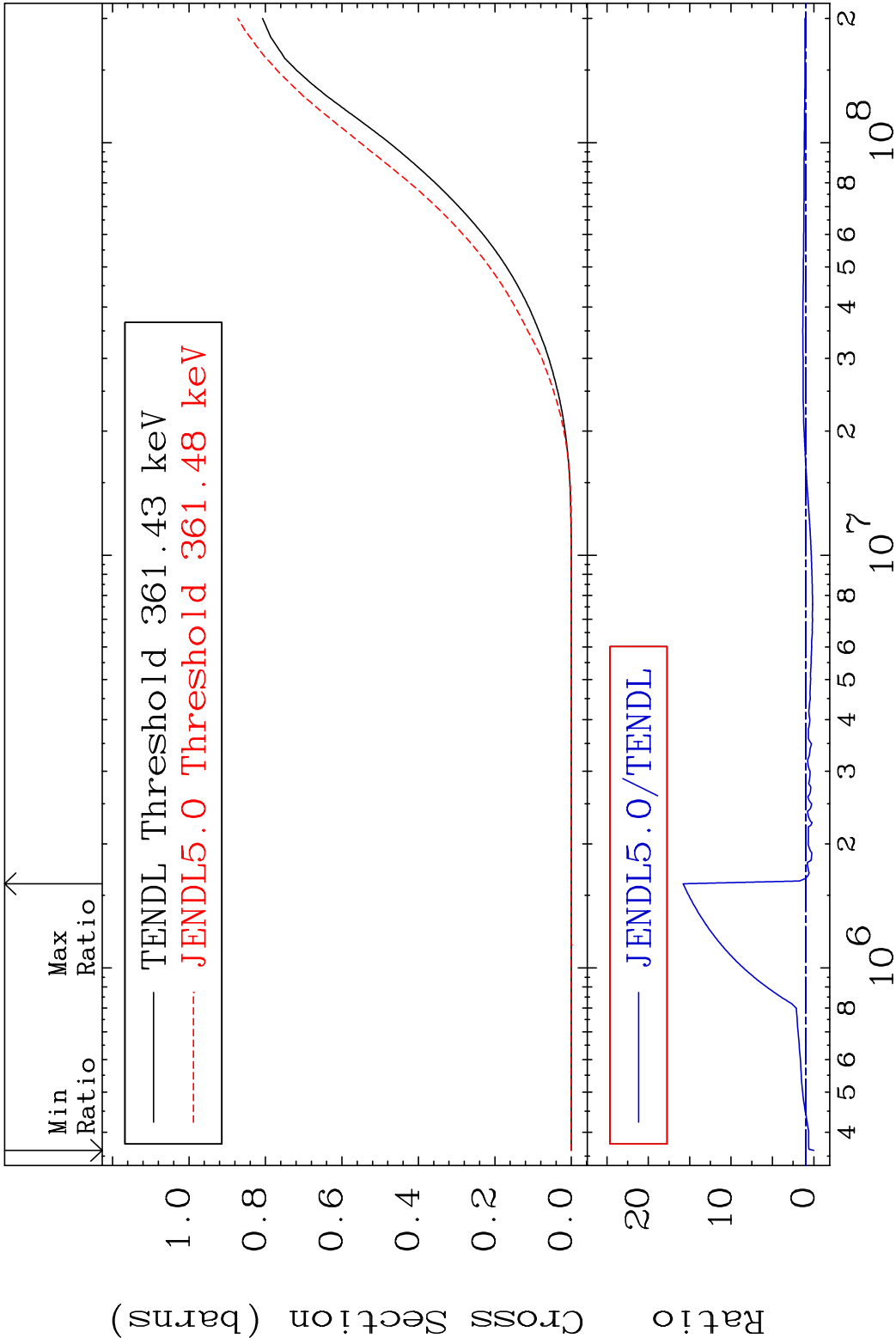


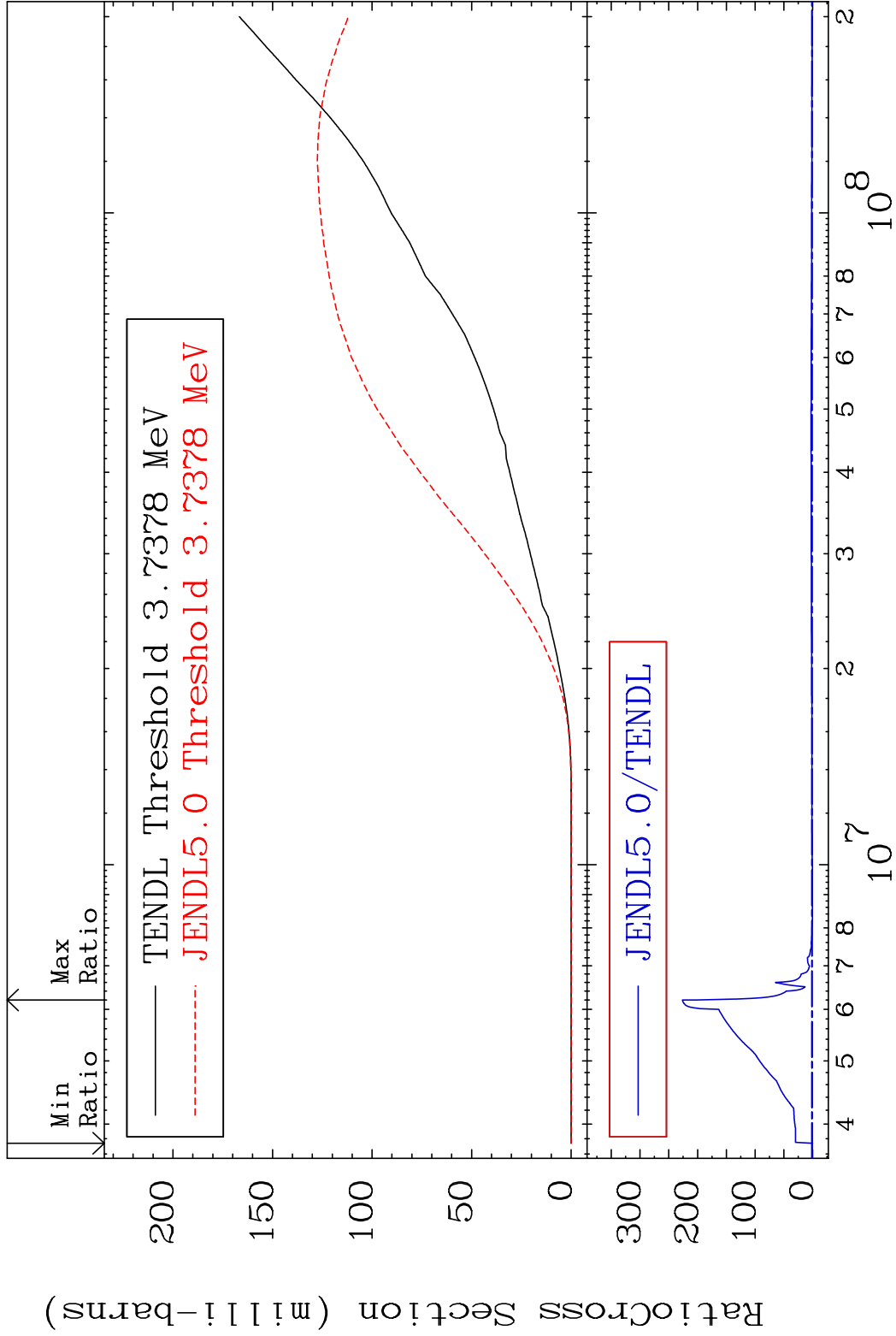


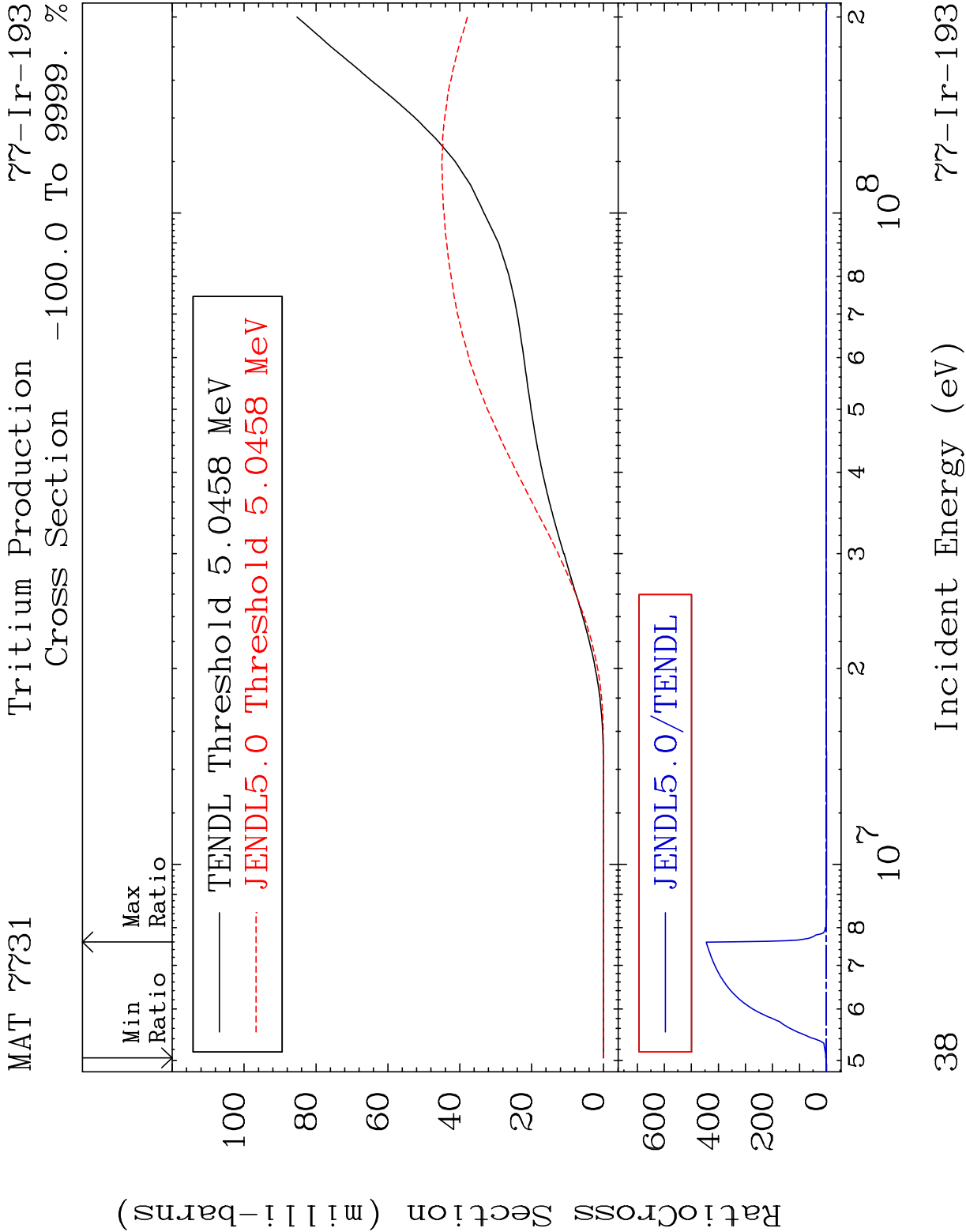


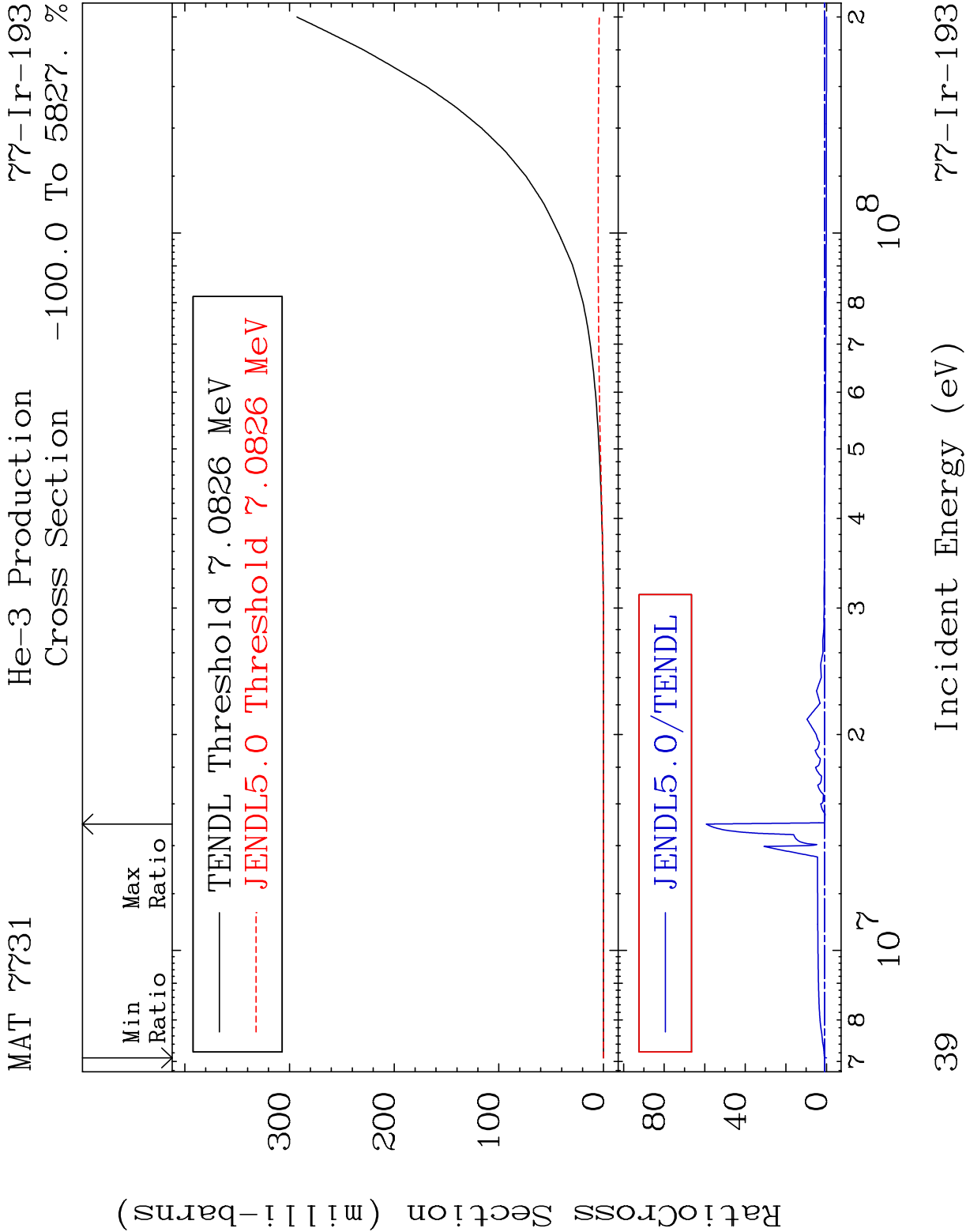


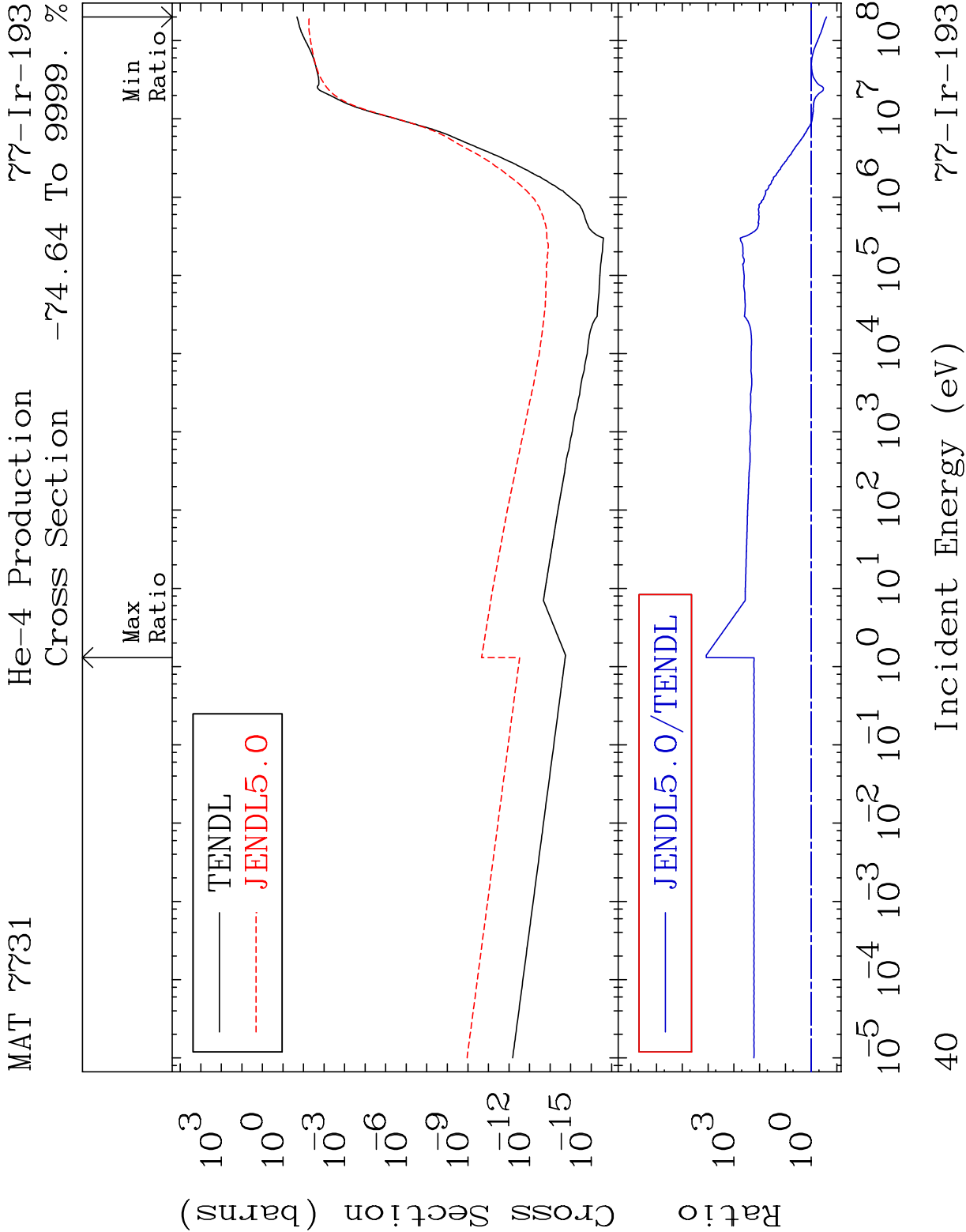




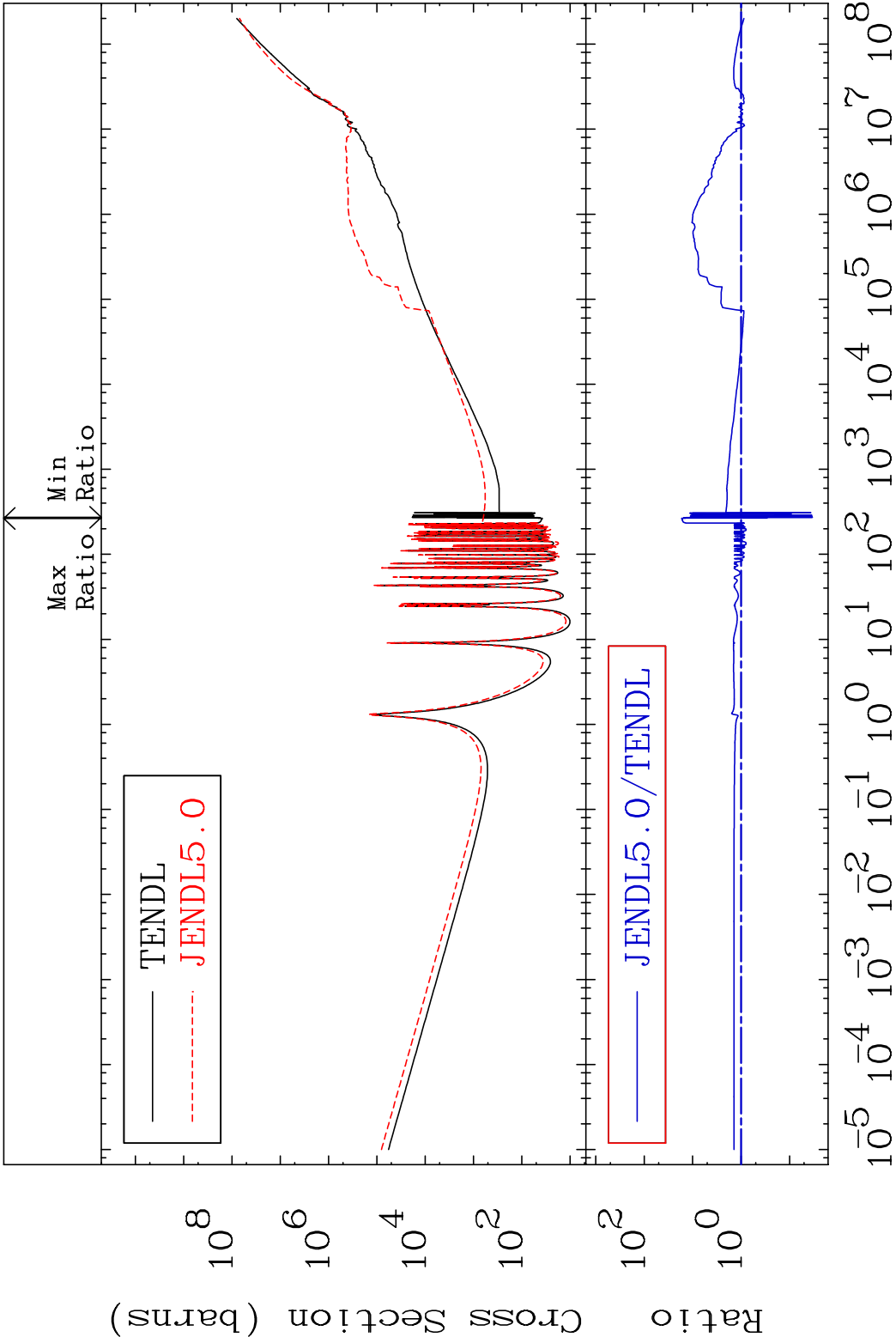








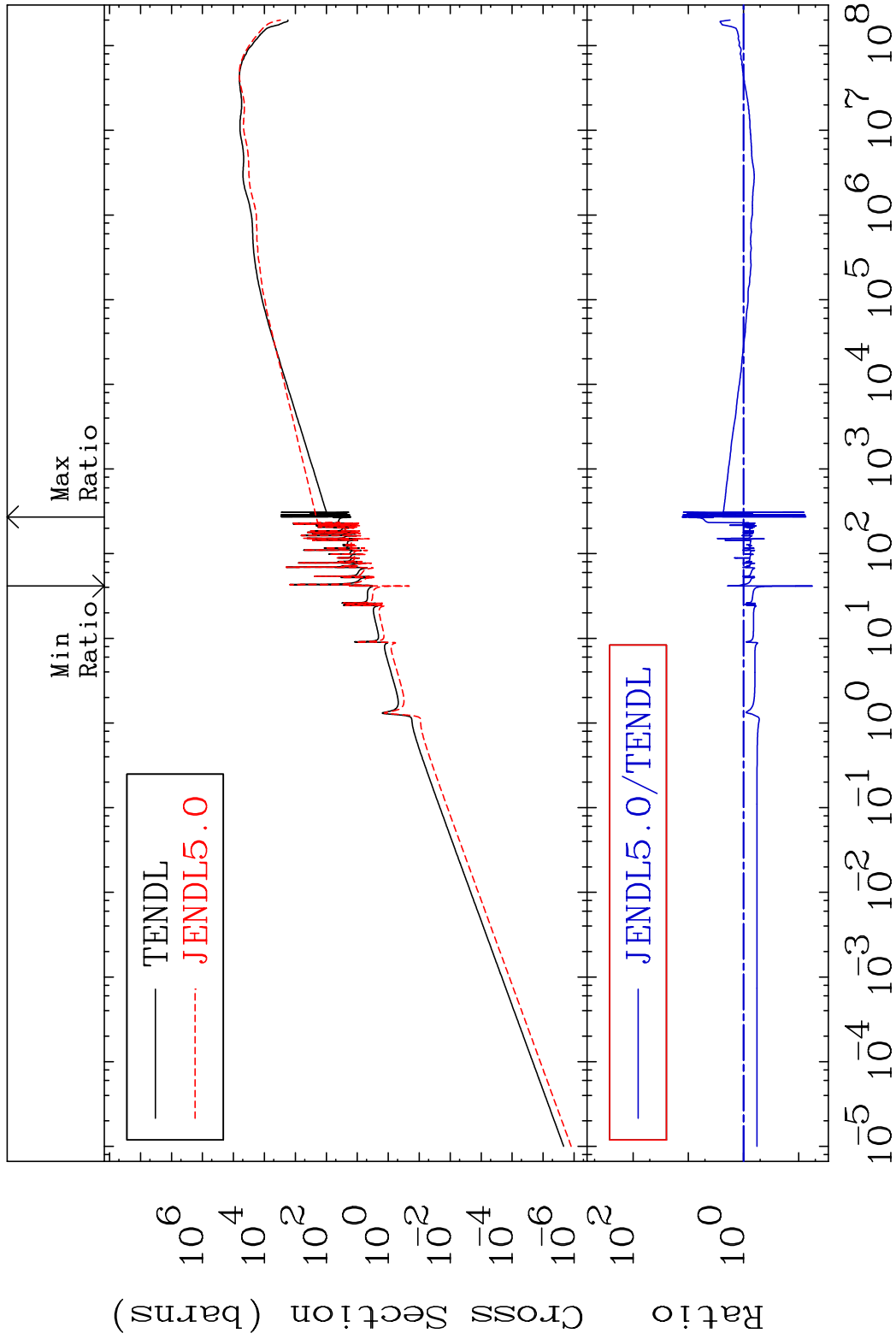
MAT 7731 Kerma total (eV-barns) 77-Ir-193
Cross Section -96.60 To 1593. %



MAT 7731

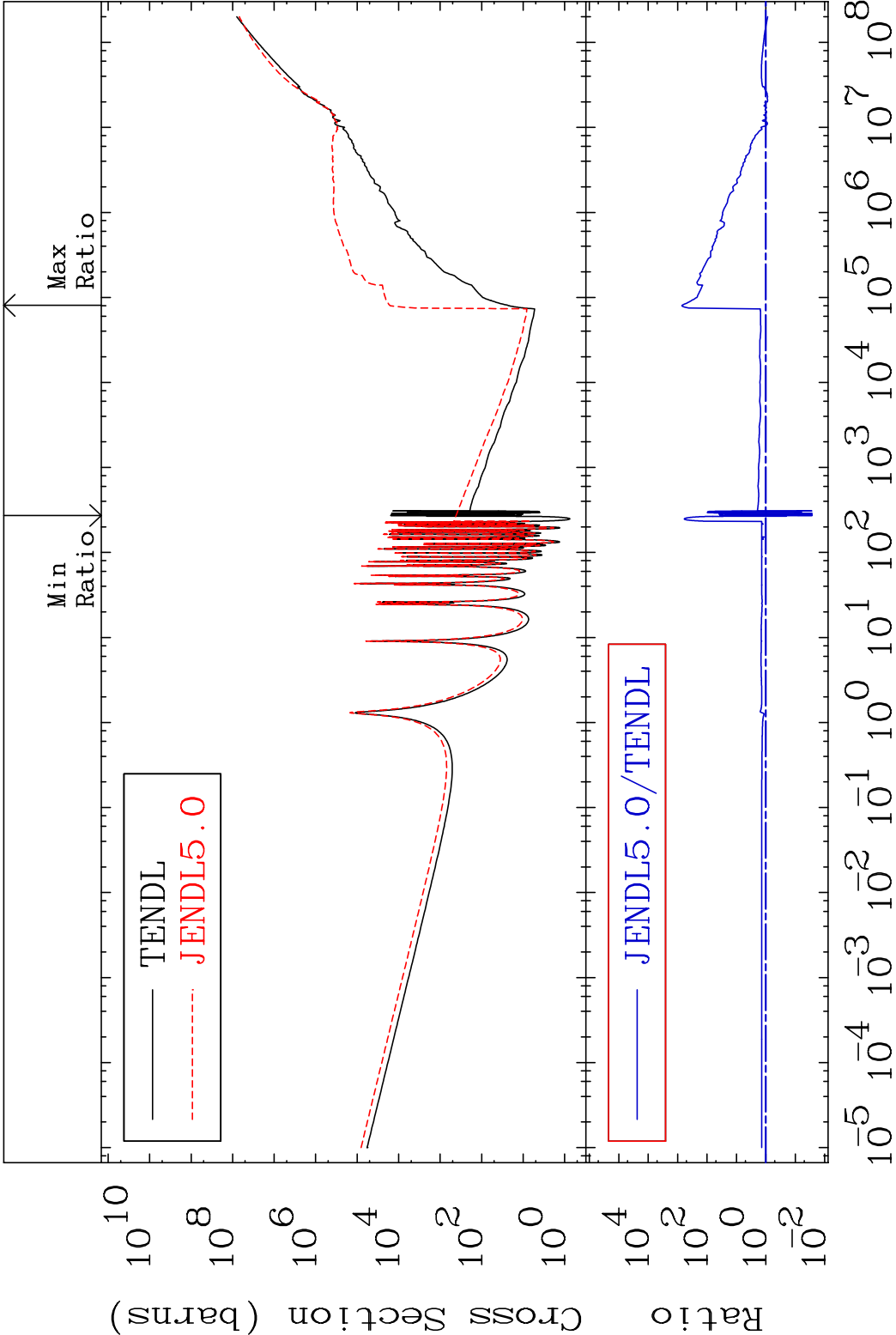
Kerma elastic
Cross Section

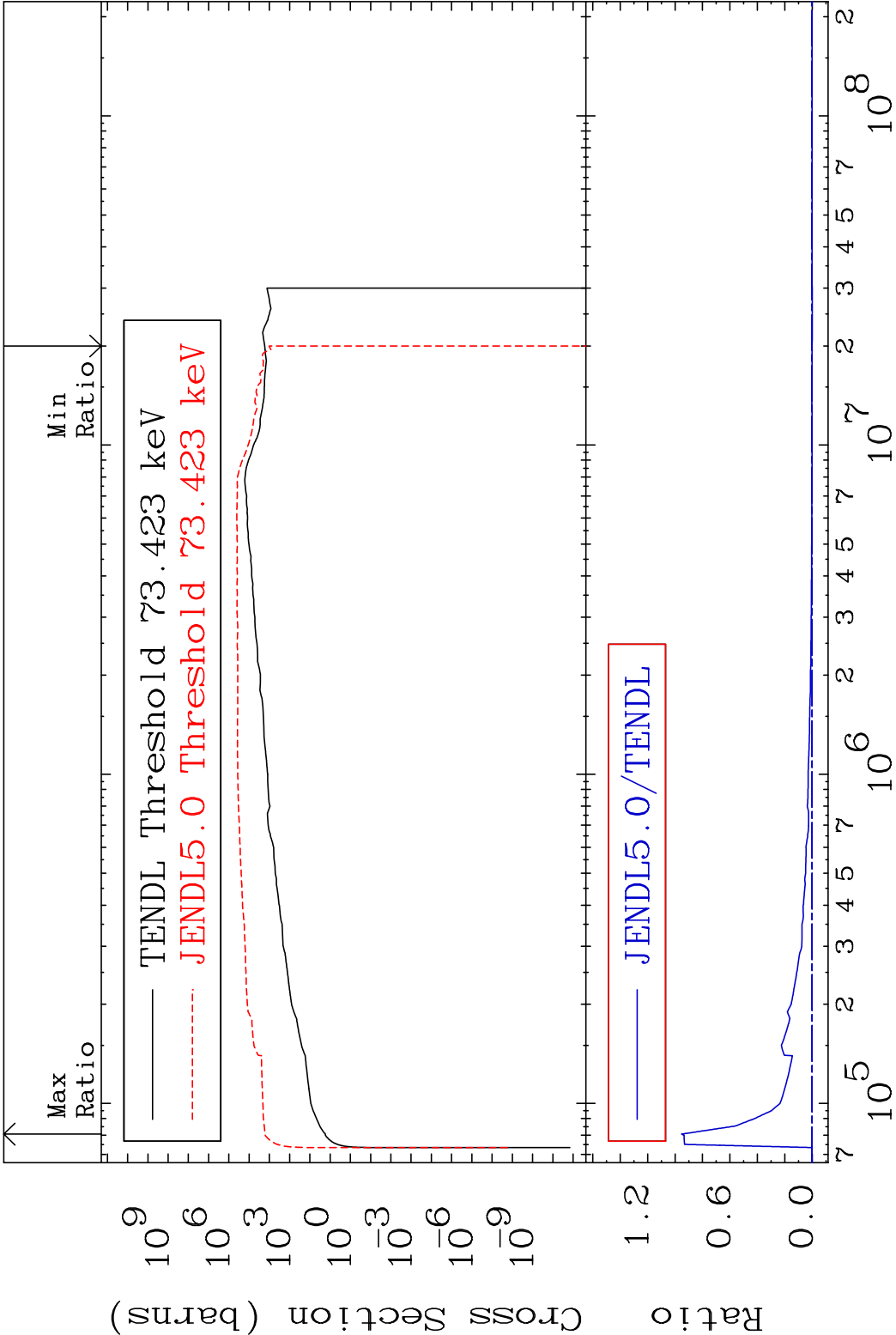
77-Ir-193
-94.40 To 1184. %



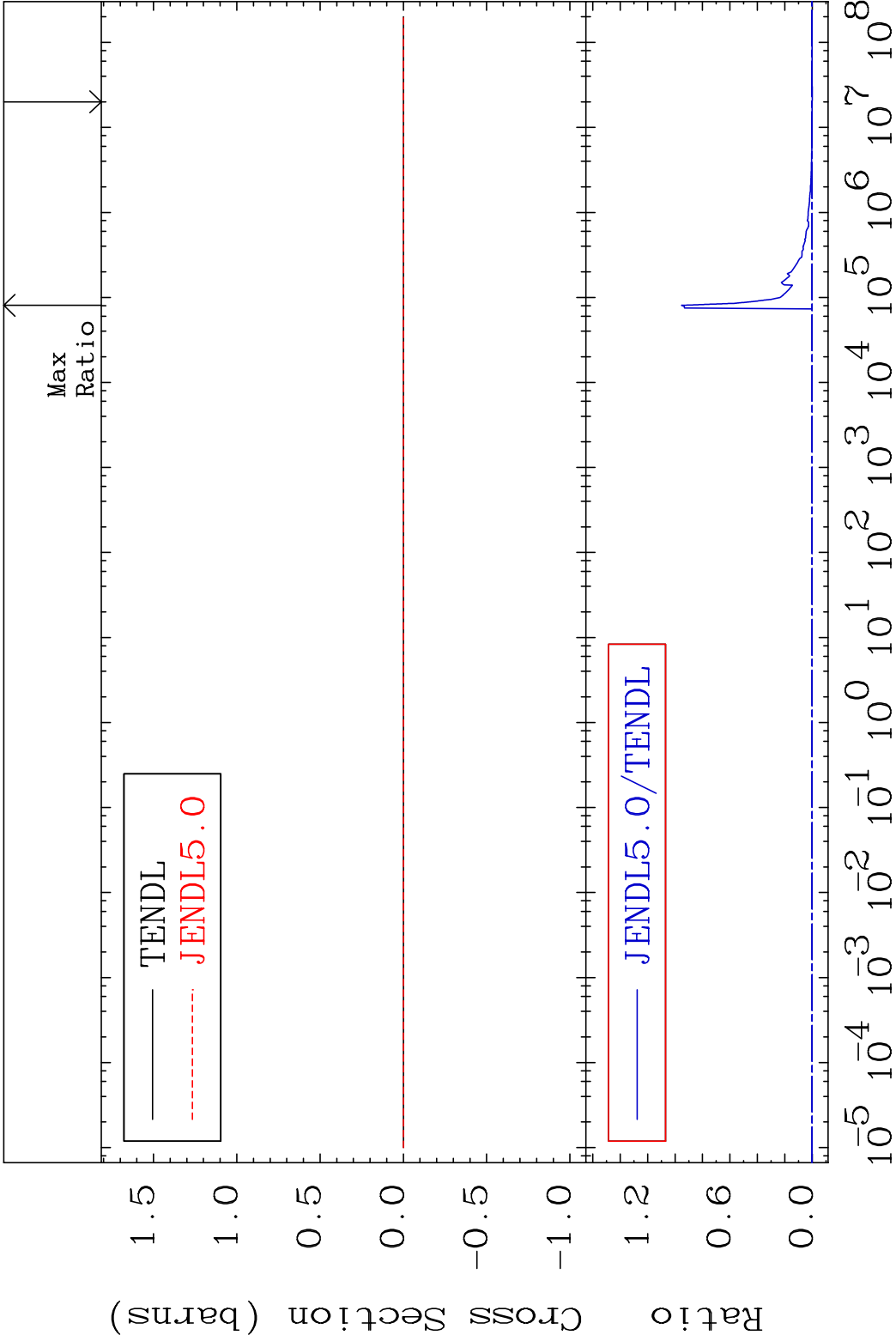
42

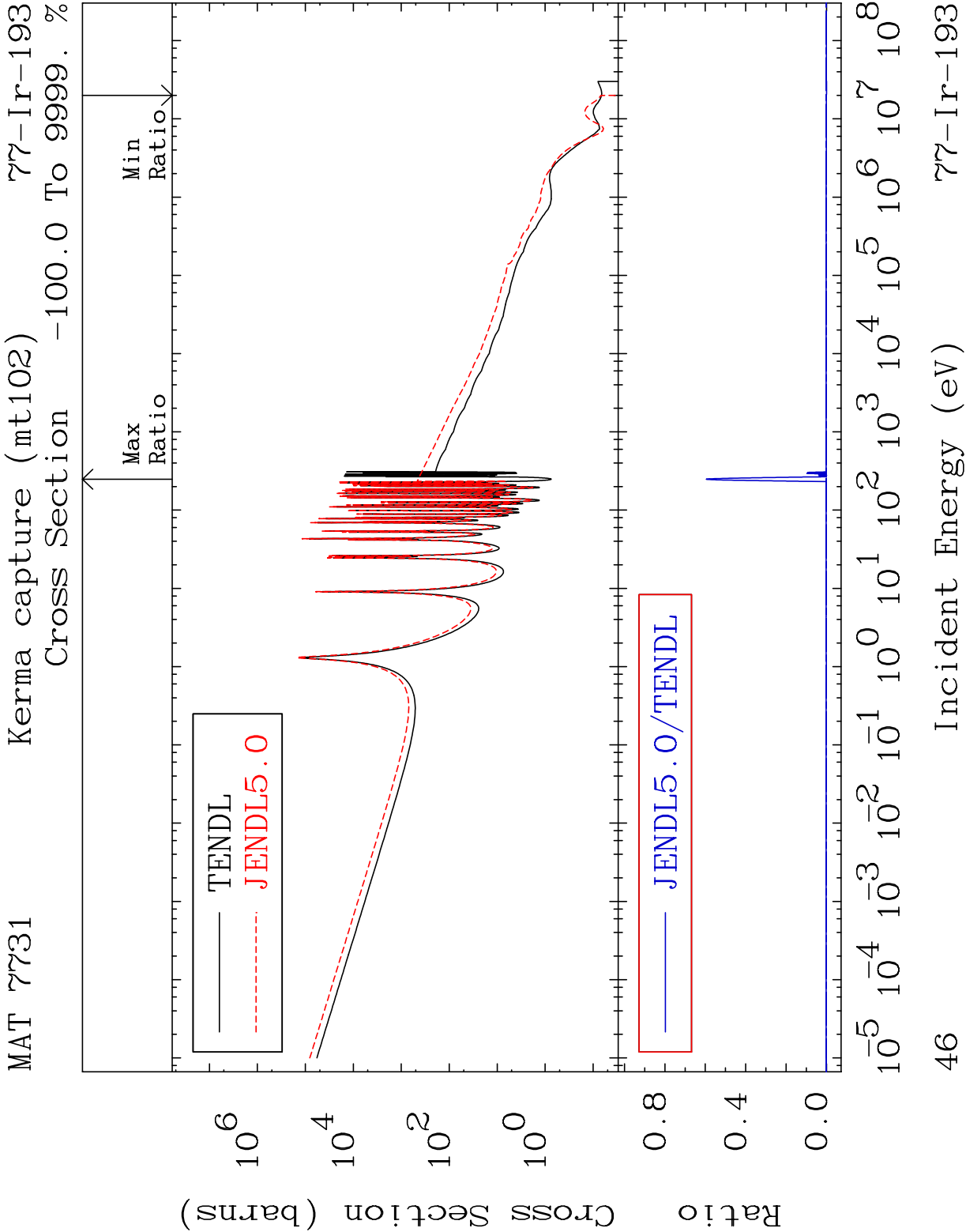
MAT 7731 Kerma non-elastic (all but mt2) 77-Ir-193
Cross Section -97.34 To 9999. %



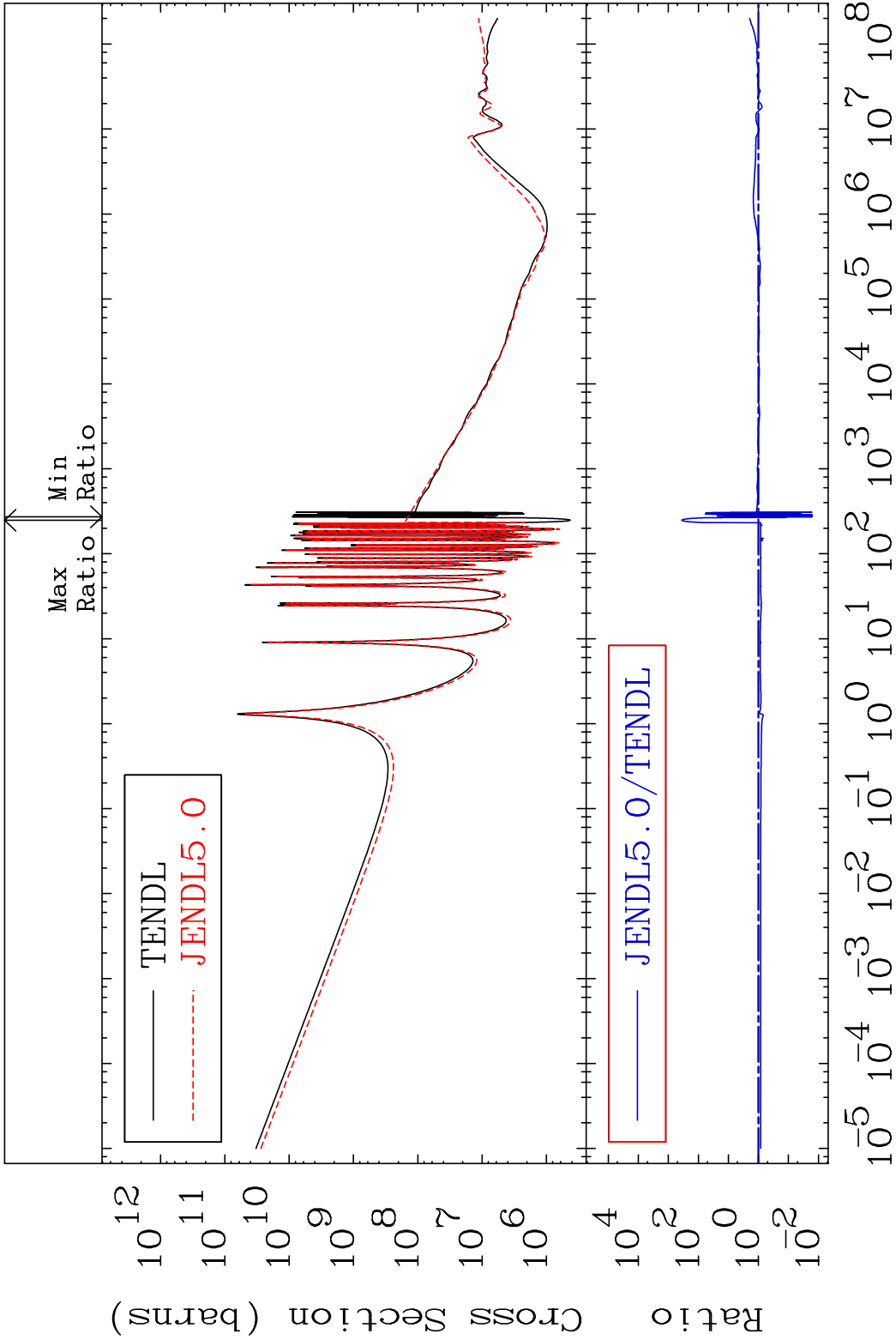


MAT 7731 Kerma fission (mt18 or mt19-20-21-38)77-Ir-193
Cross Section -100.0 To 9999. %

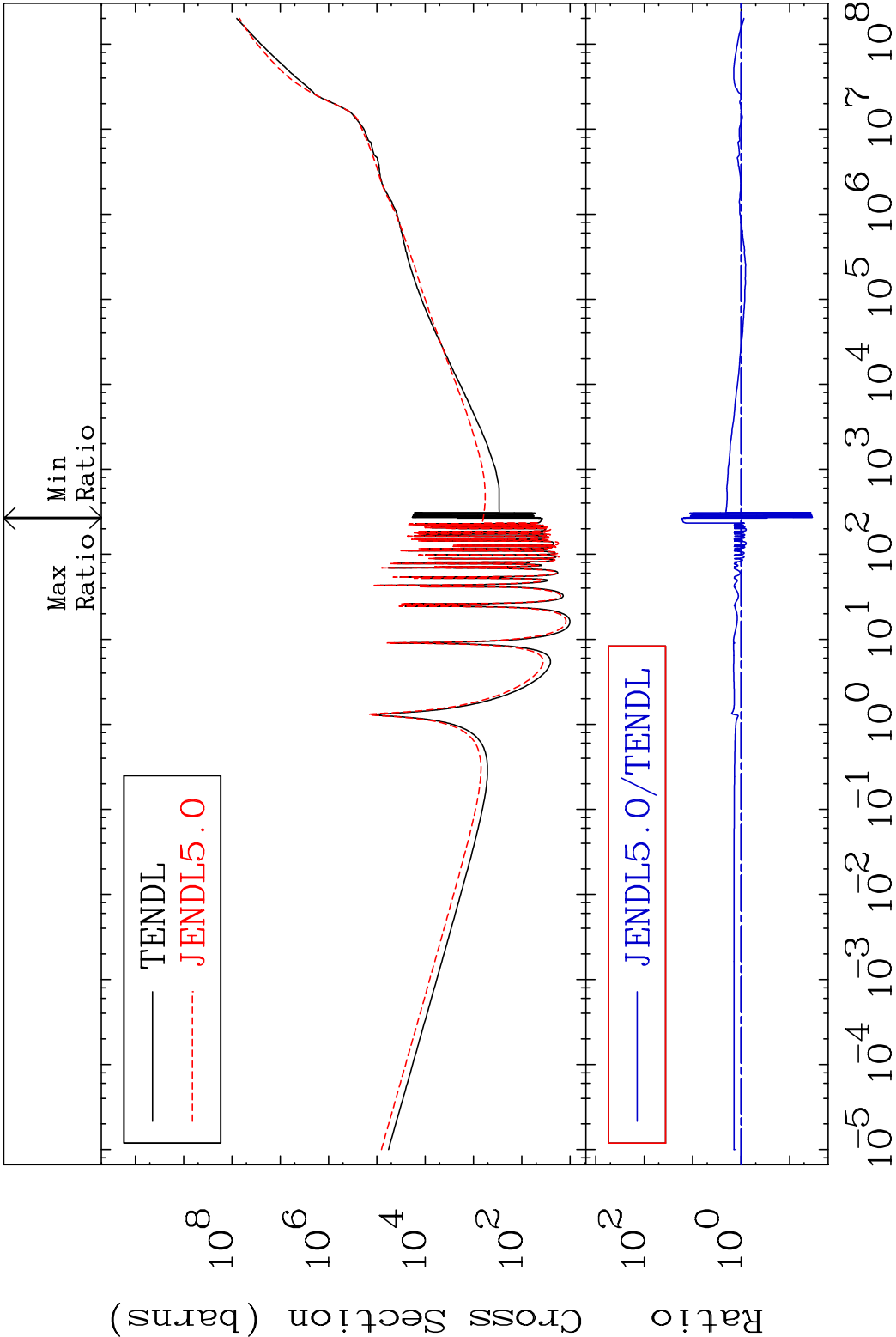




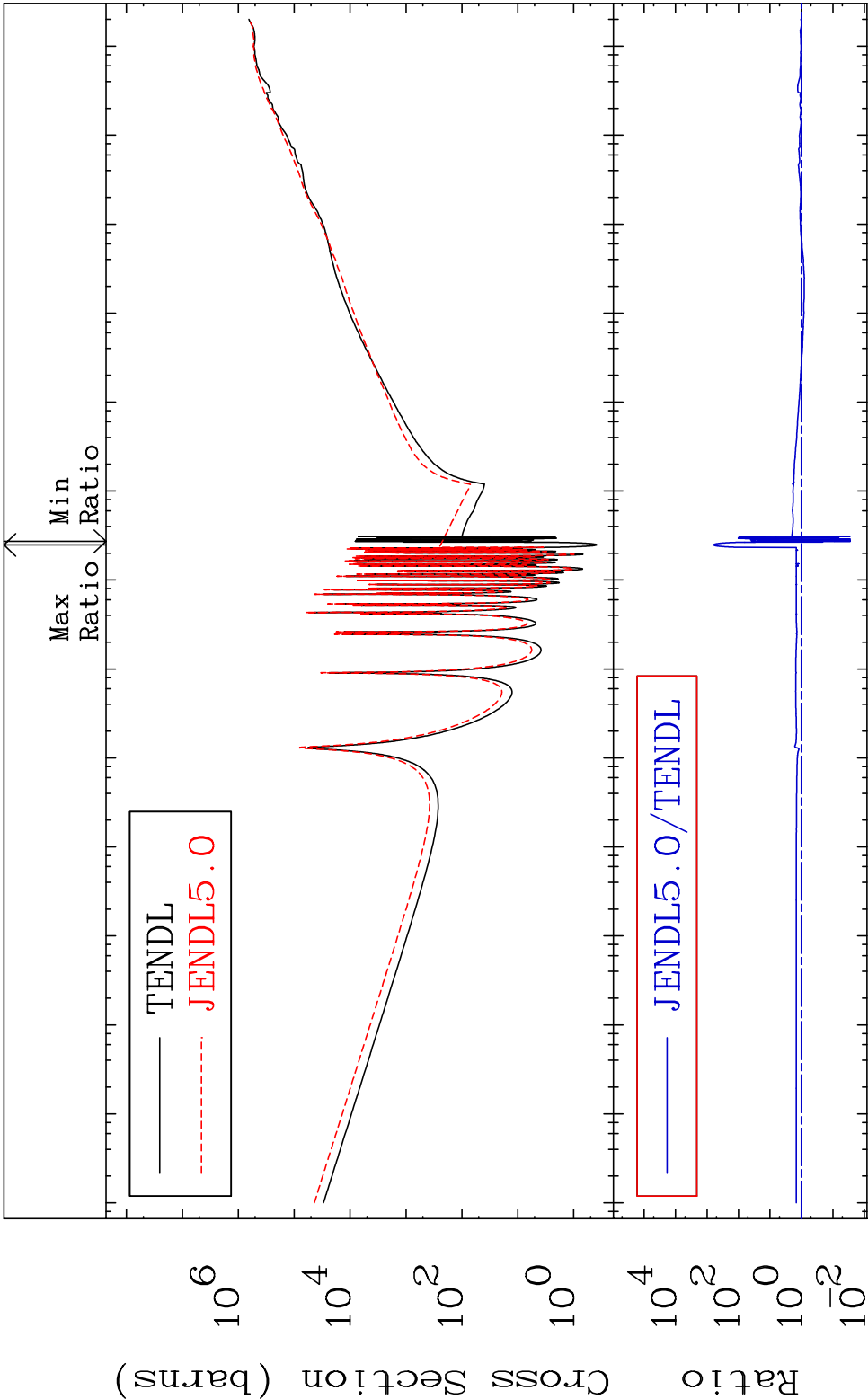
MAT 7731 Total photon (eV-barns) 77-Ir-193
Cross Section -98.40 To 9999. %



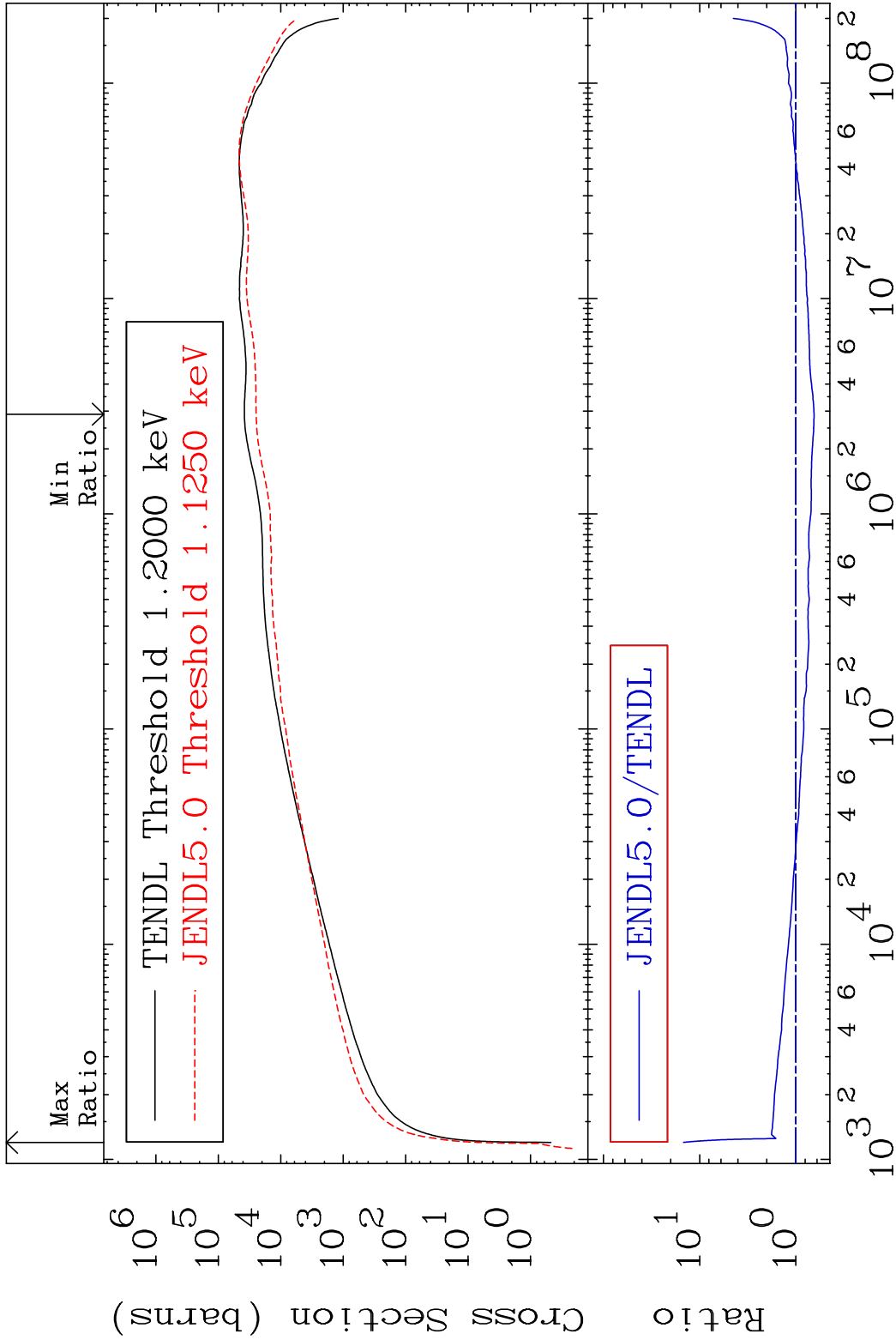
MAT 7731 Total kinematic kerma (high limit) 77-Ir-193
Cross Section -96.60 To 1593. %



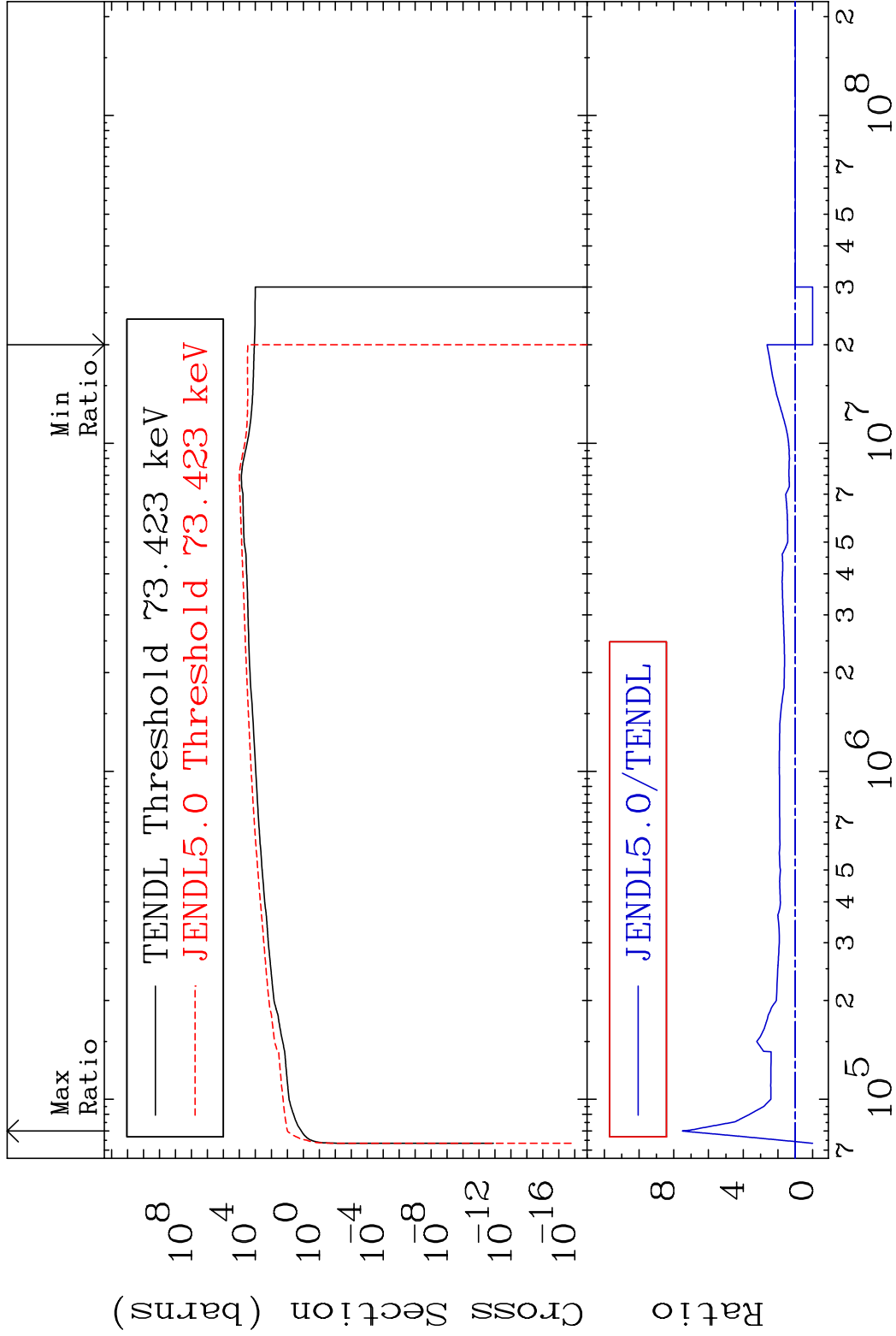
MAT 7731 Dpa total (eV-barns) 77-Ir-193
Cross Section -97.23 To 9999. %



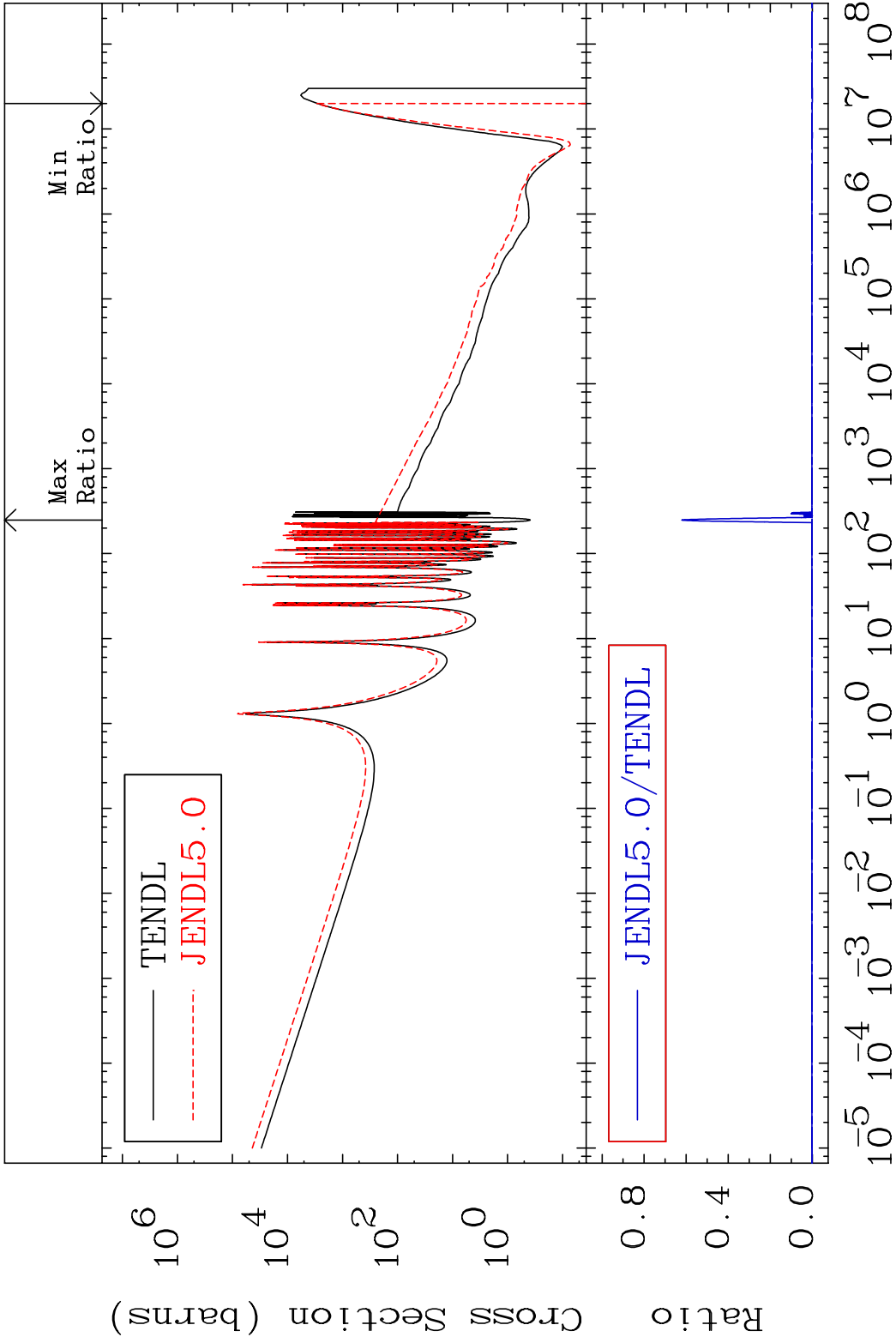
MAT 7731 Dpa elastic (mt2) 77-Ir-193
Cross Section -35.49 To 1373. %

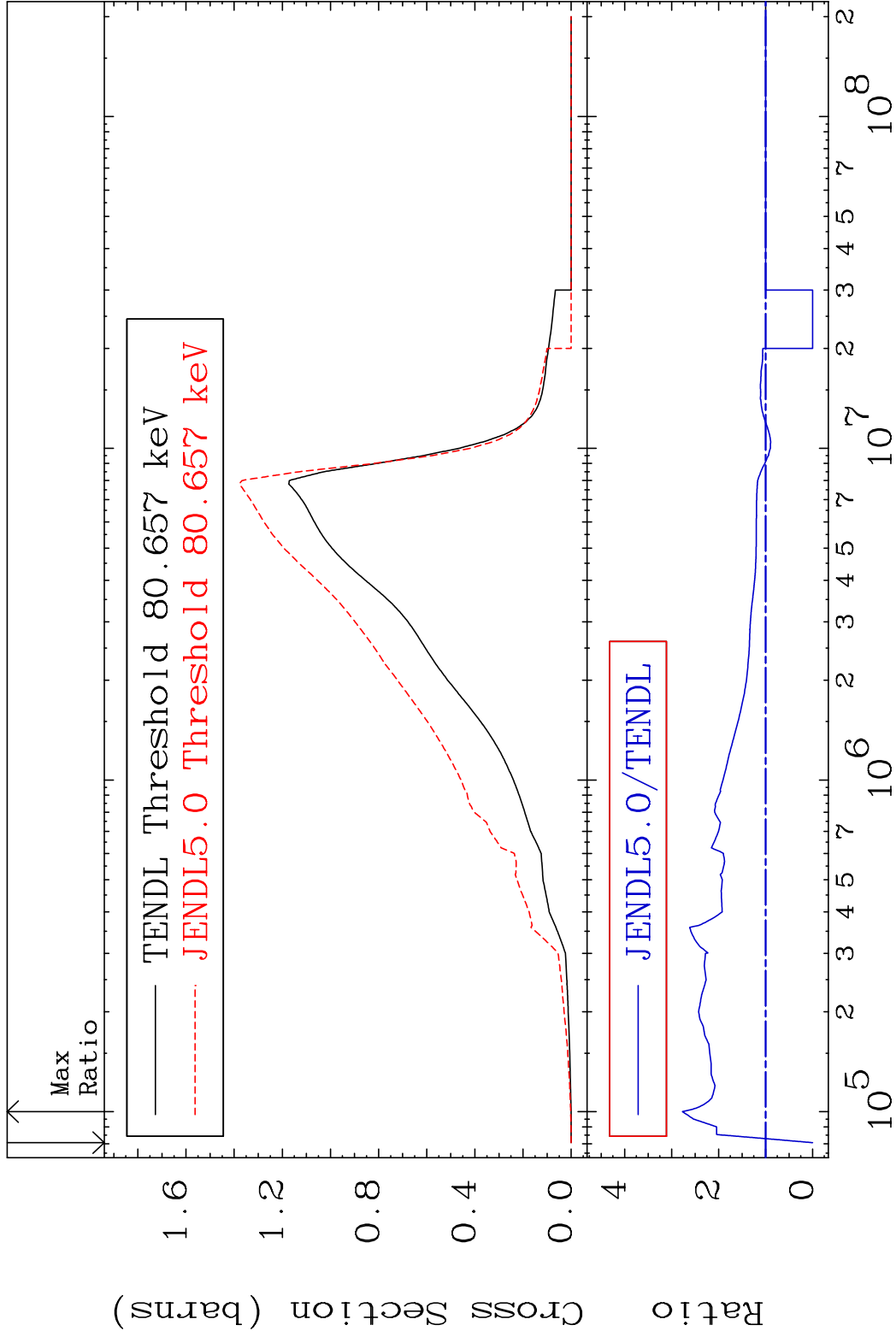


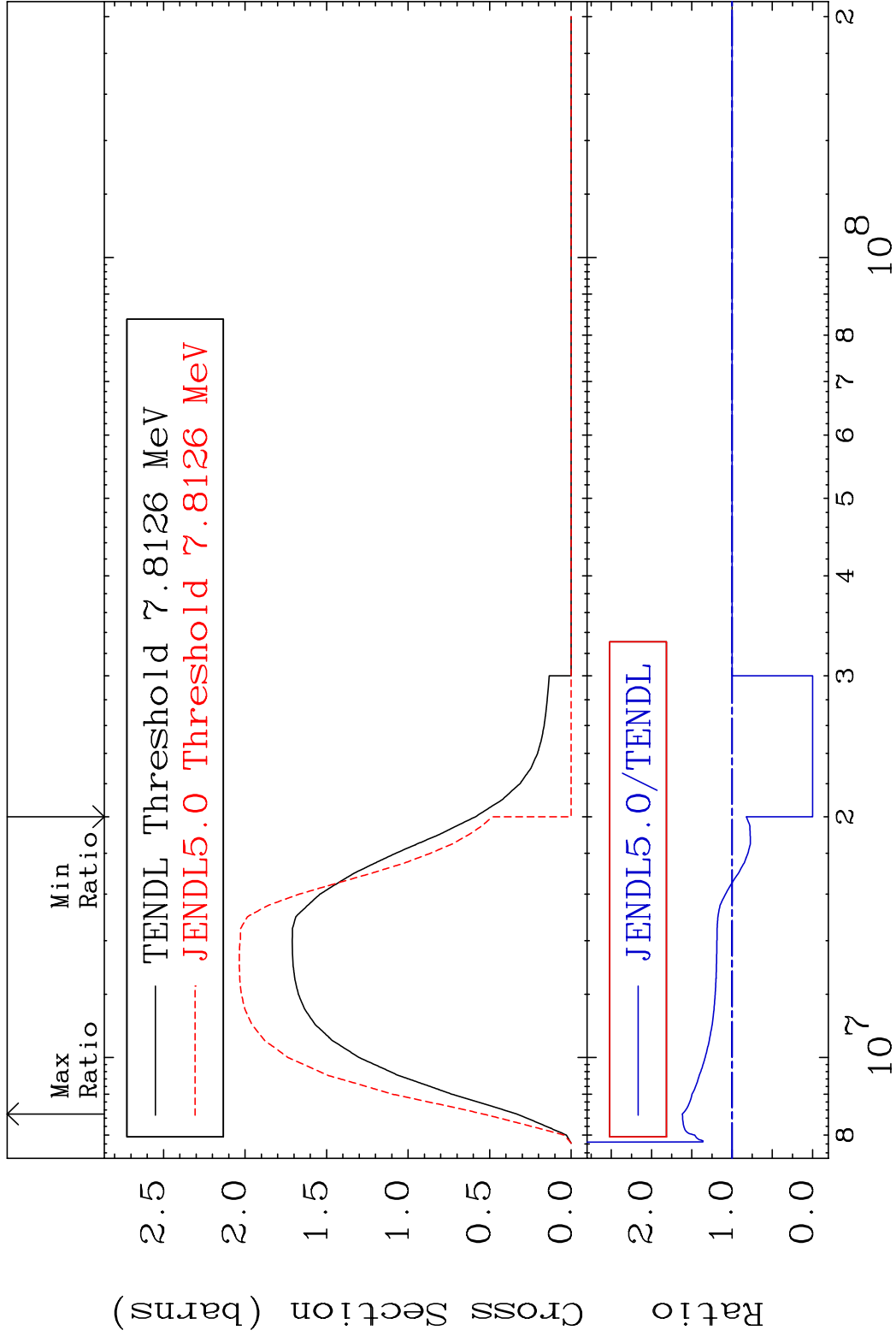
50 Incident Energy (eV) 77-Ir-193



MAT 7731 Dpa disappearance (mt102 -120) 77-Ir-193
Cross Section -100.0 To 9999. %







Radionuclide Production Cross Section 180.000 %

