

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way

Livermore, CA 94550

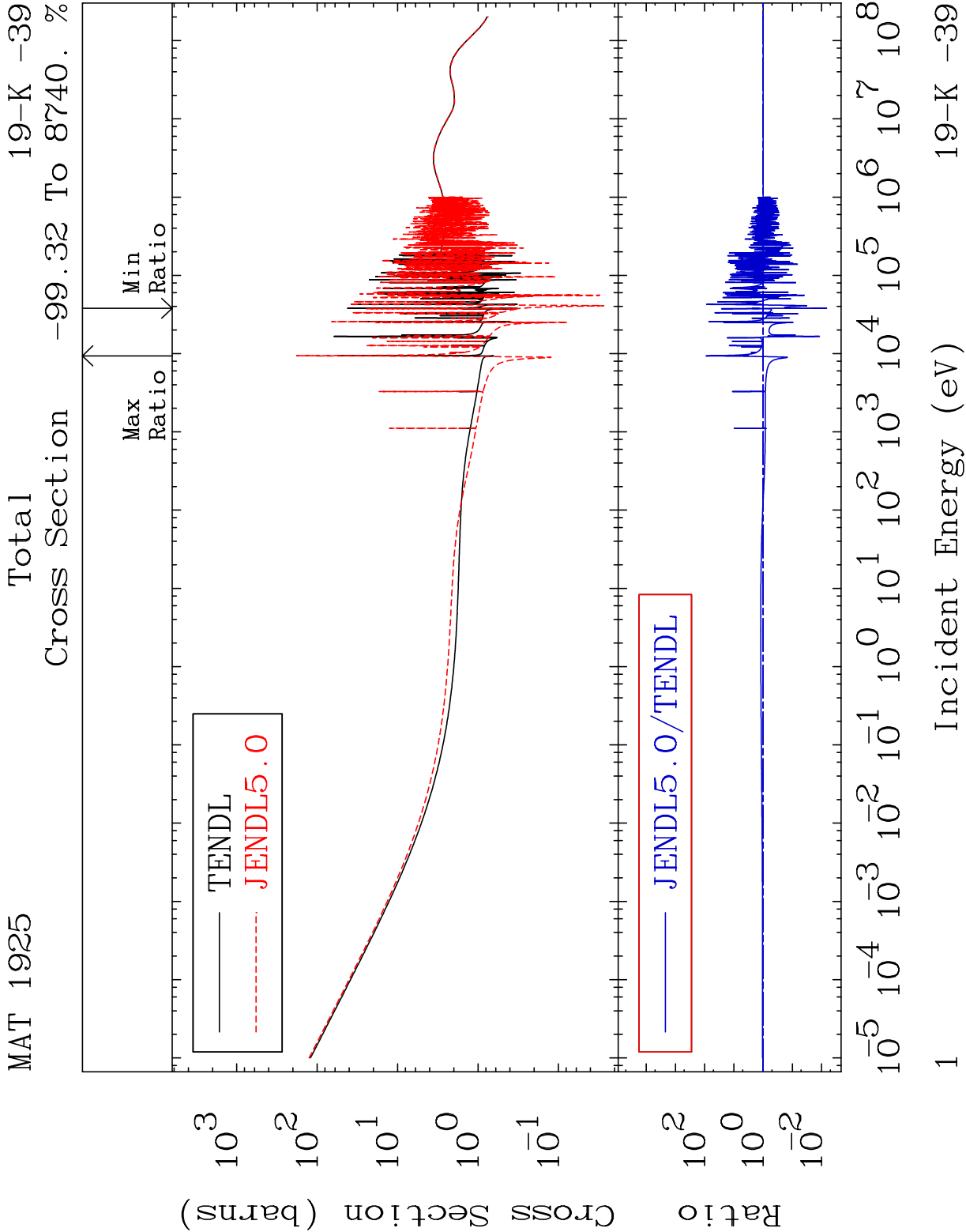
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

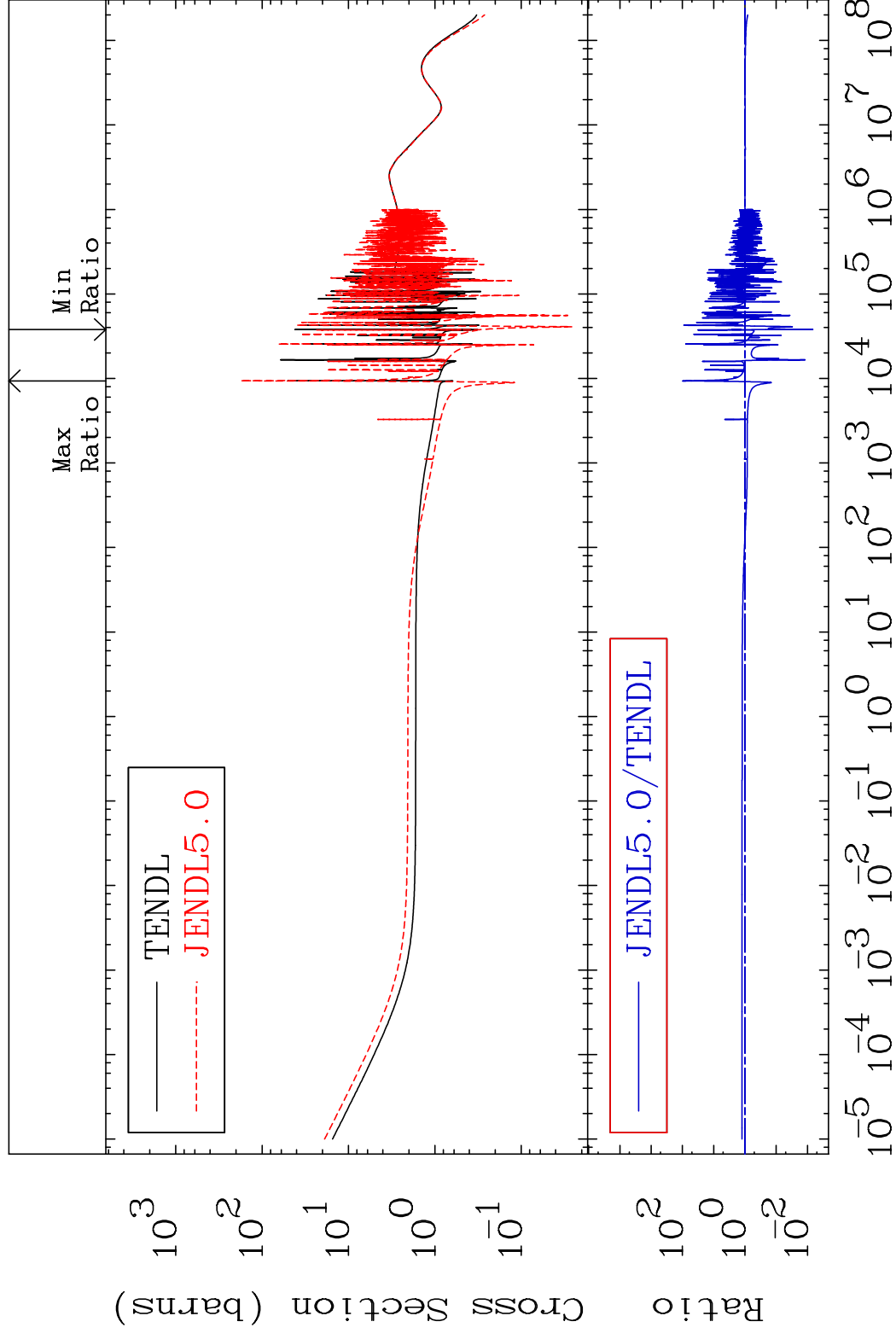


MAT 1925

Elastic

19-K -39

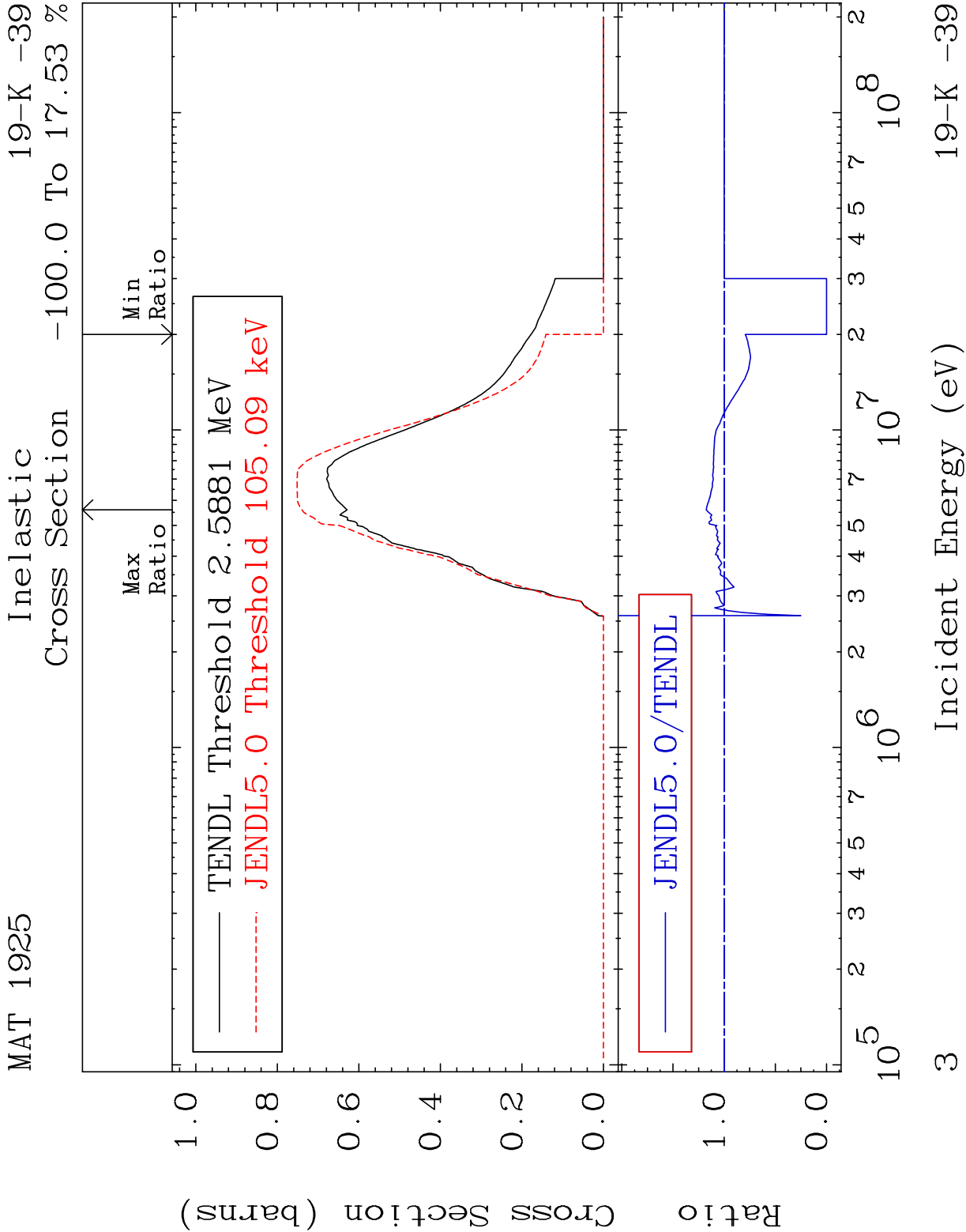
Cross Section -99.32 To 9663. %

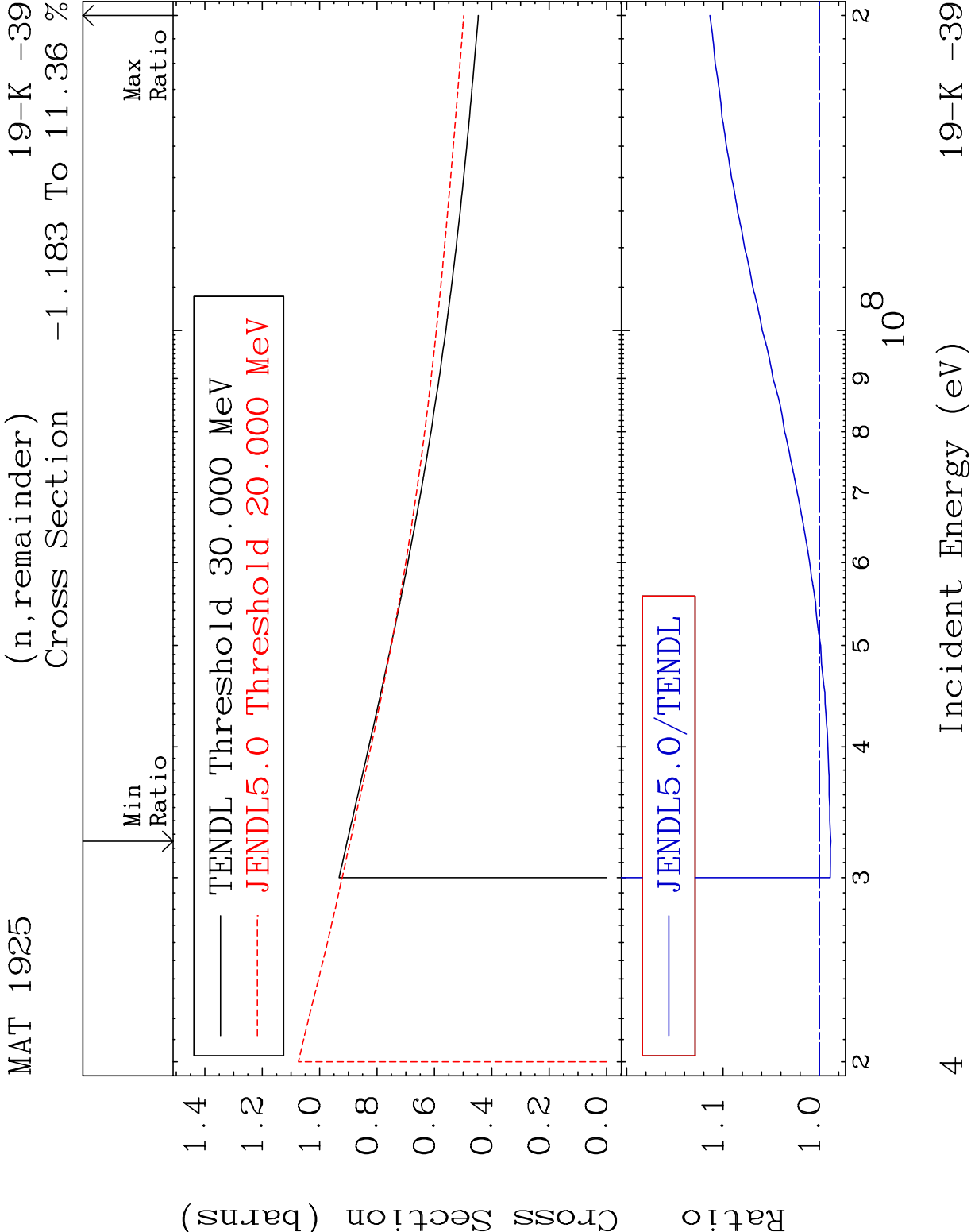


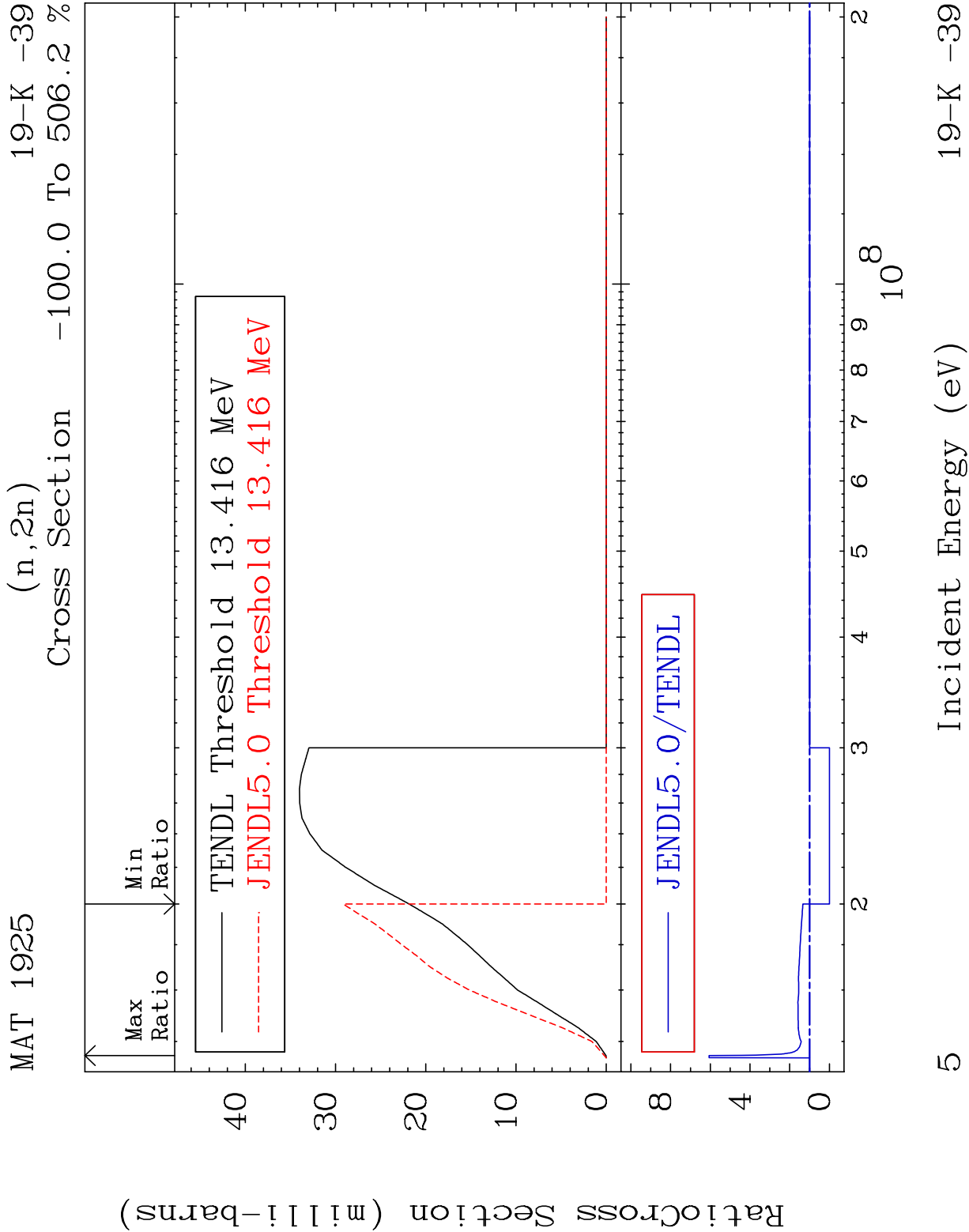
2

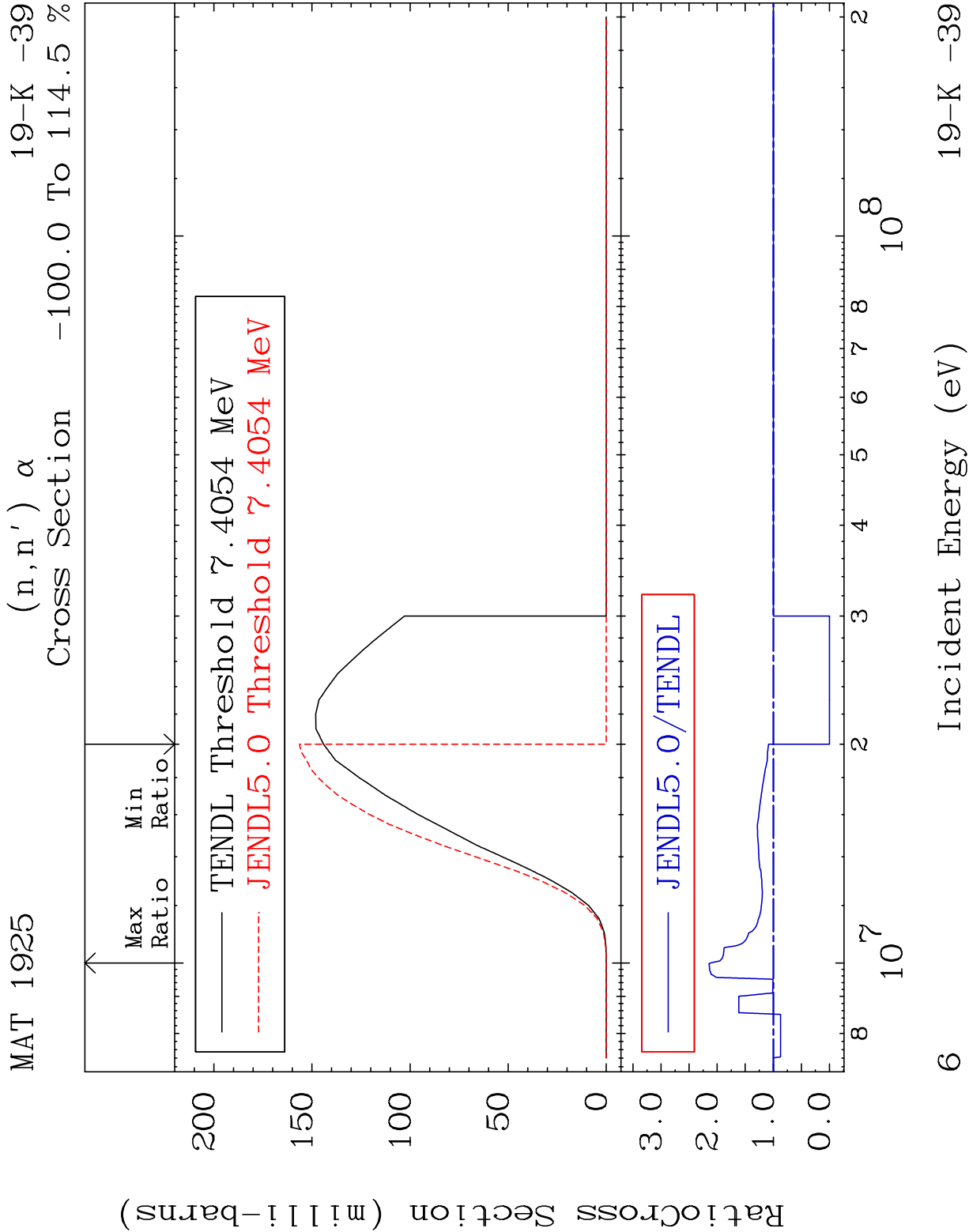
Incident Energy (eV)

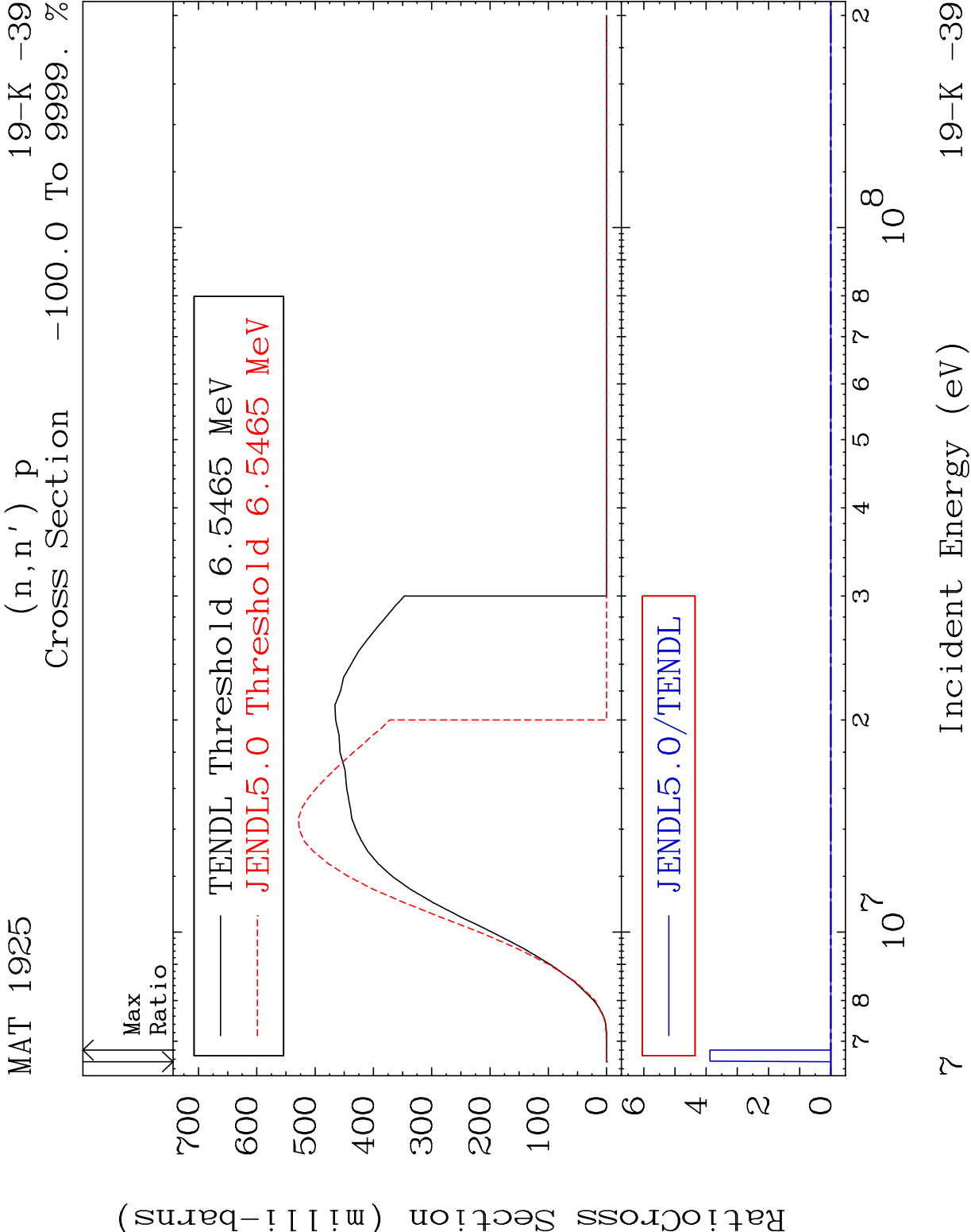
19-K -39

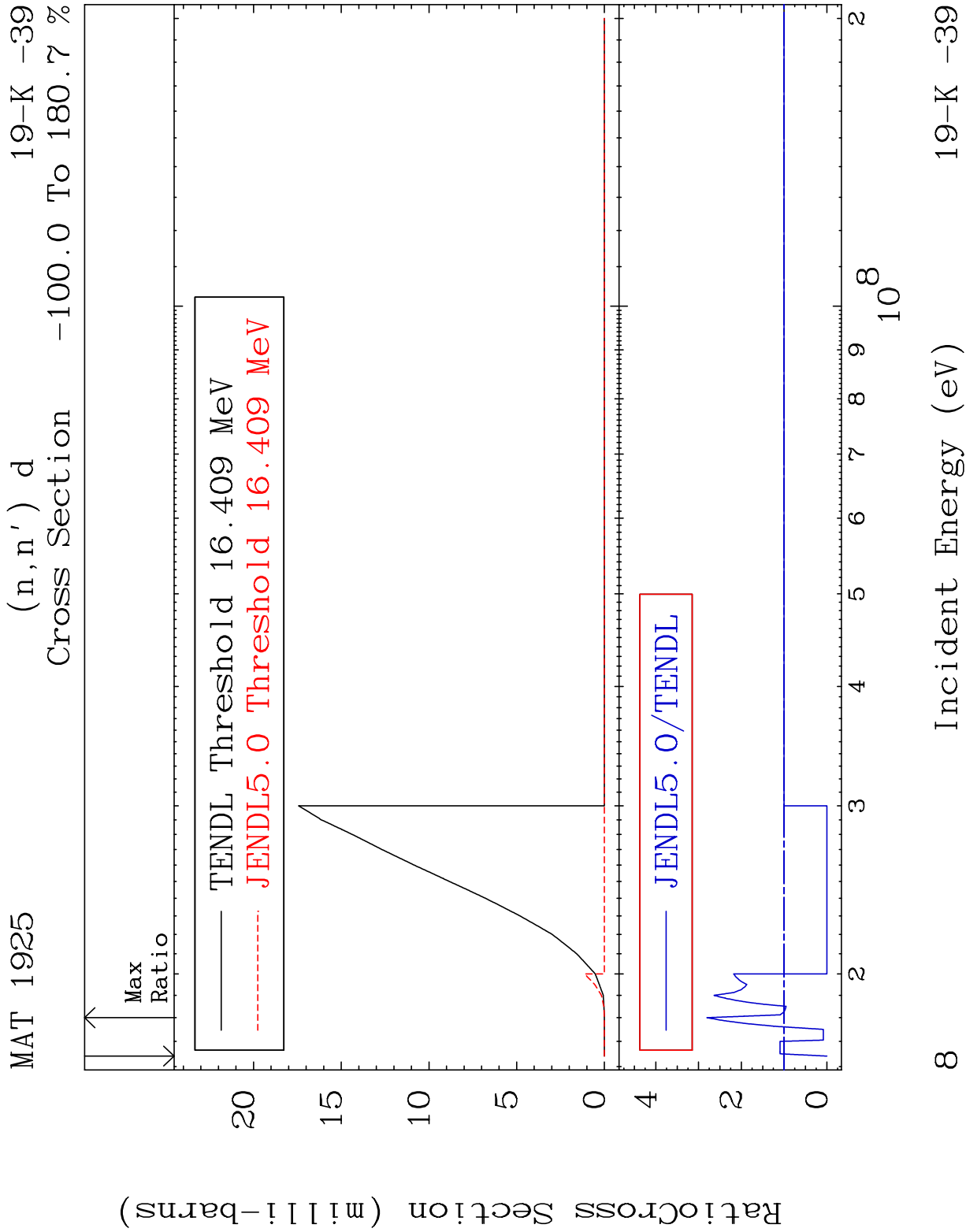


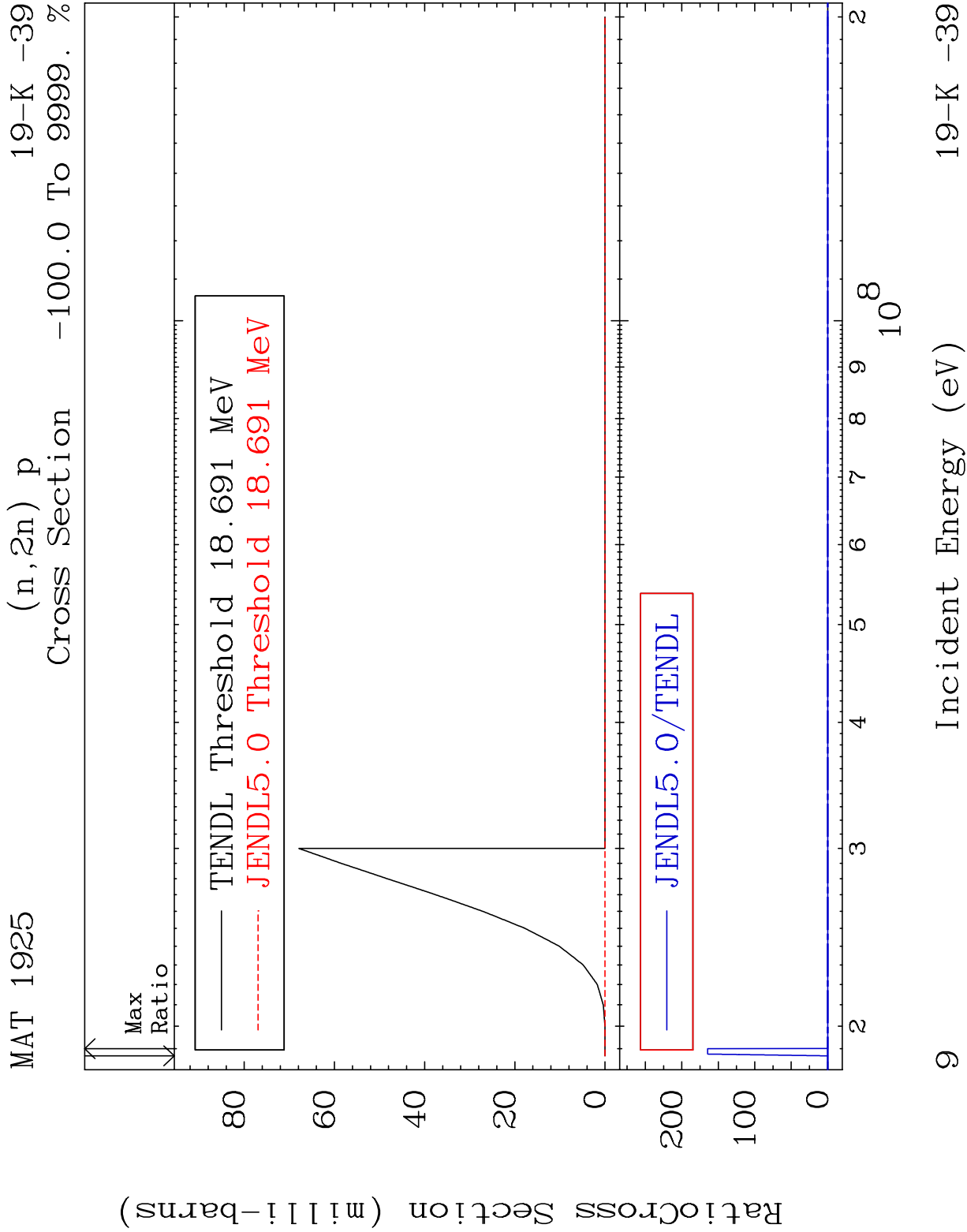


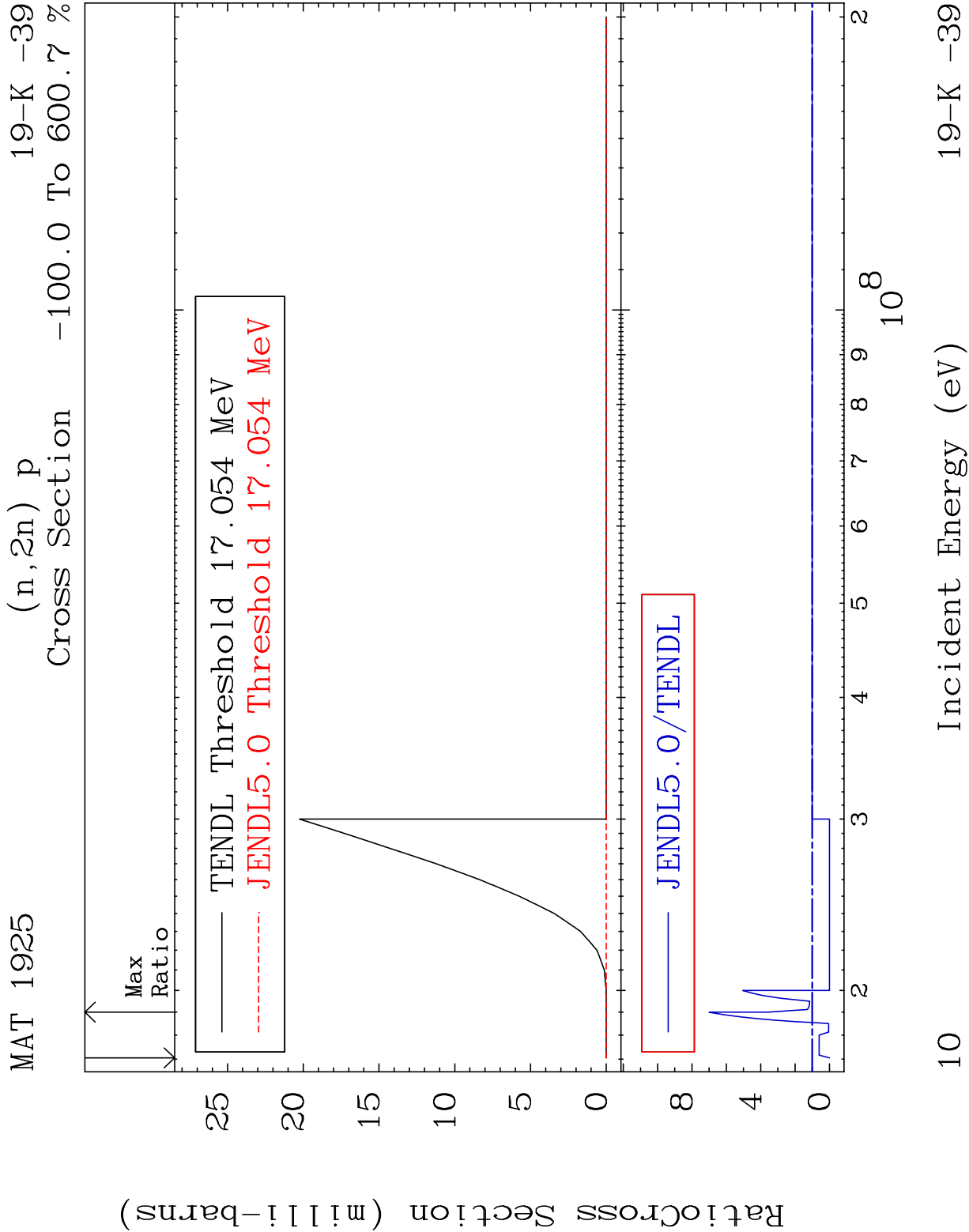


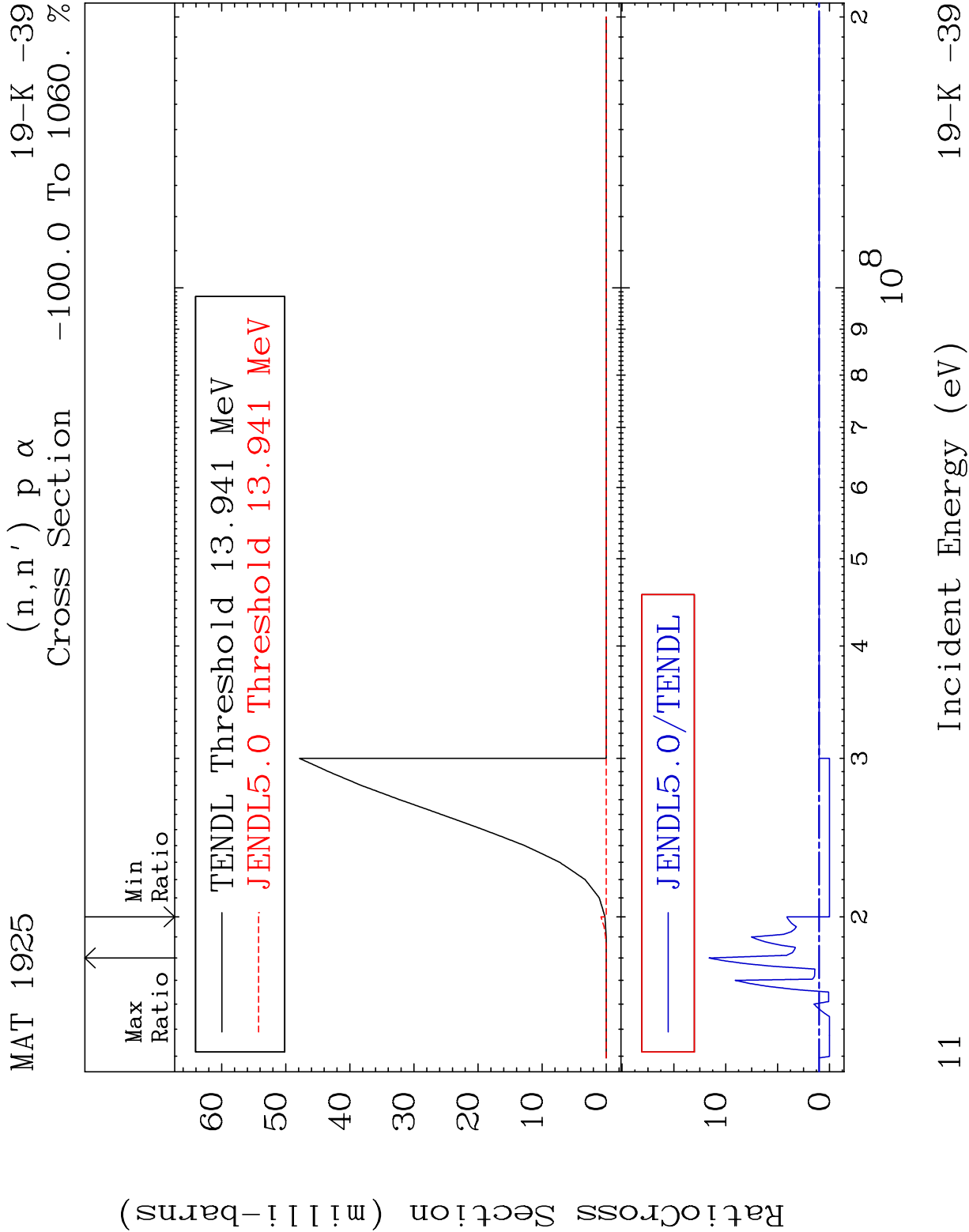


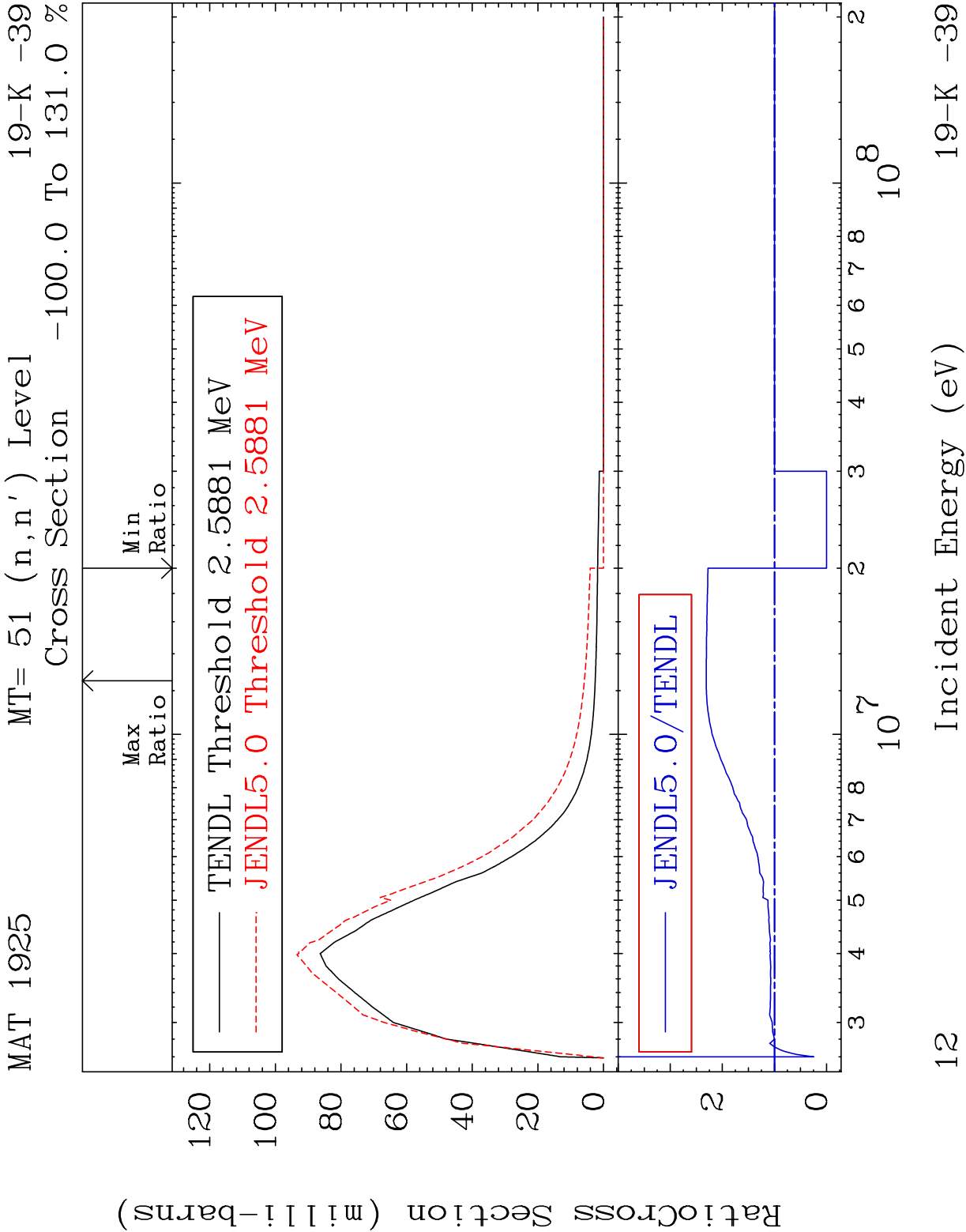


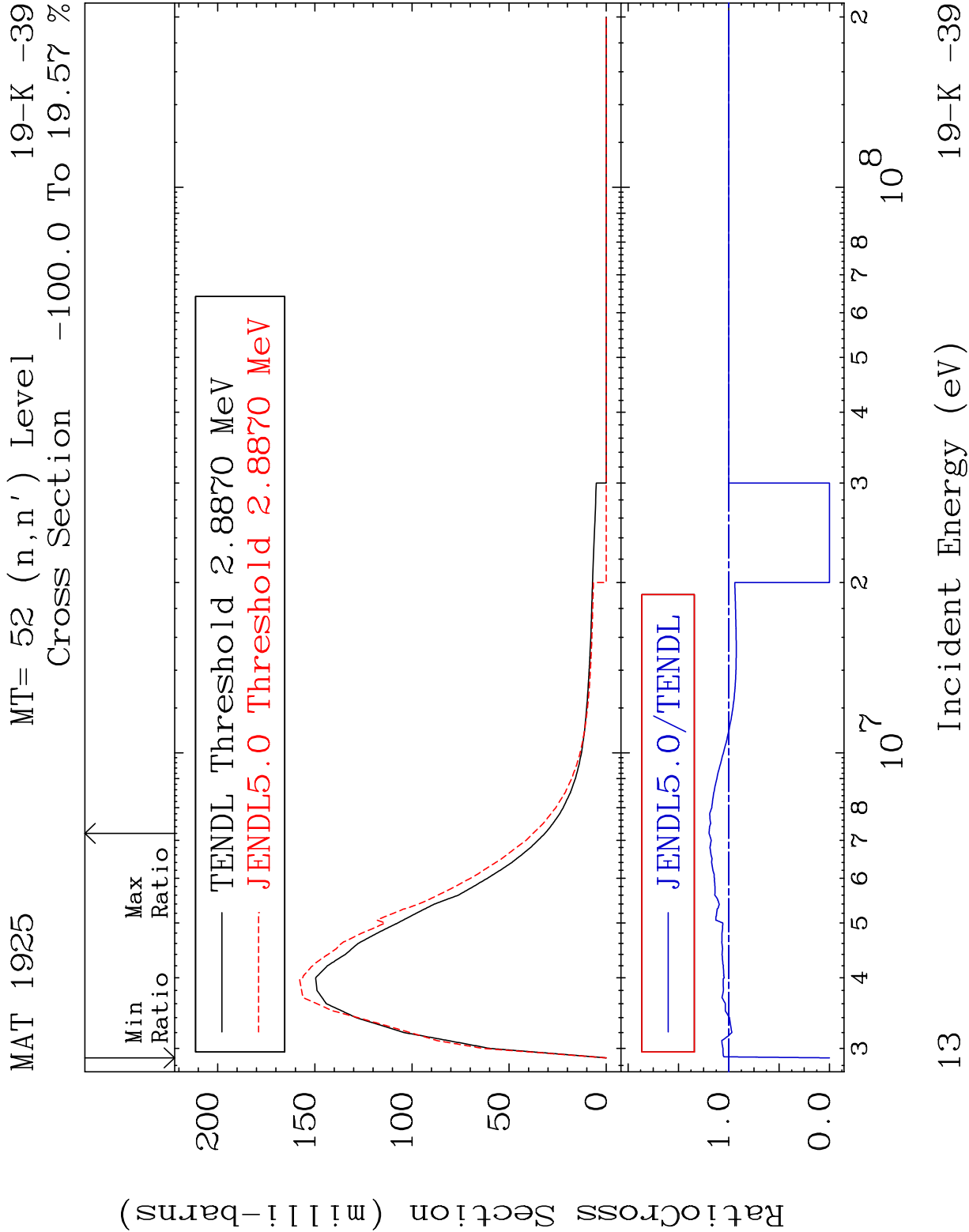


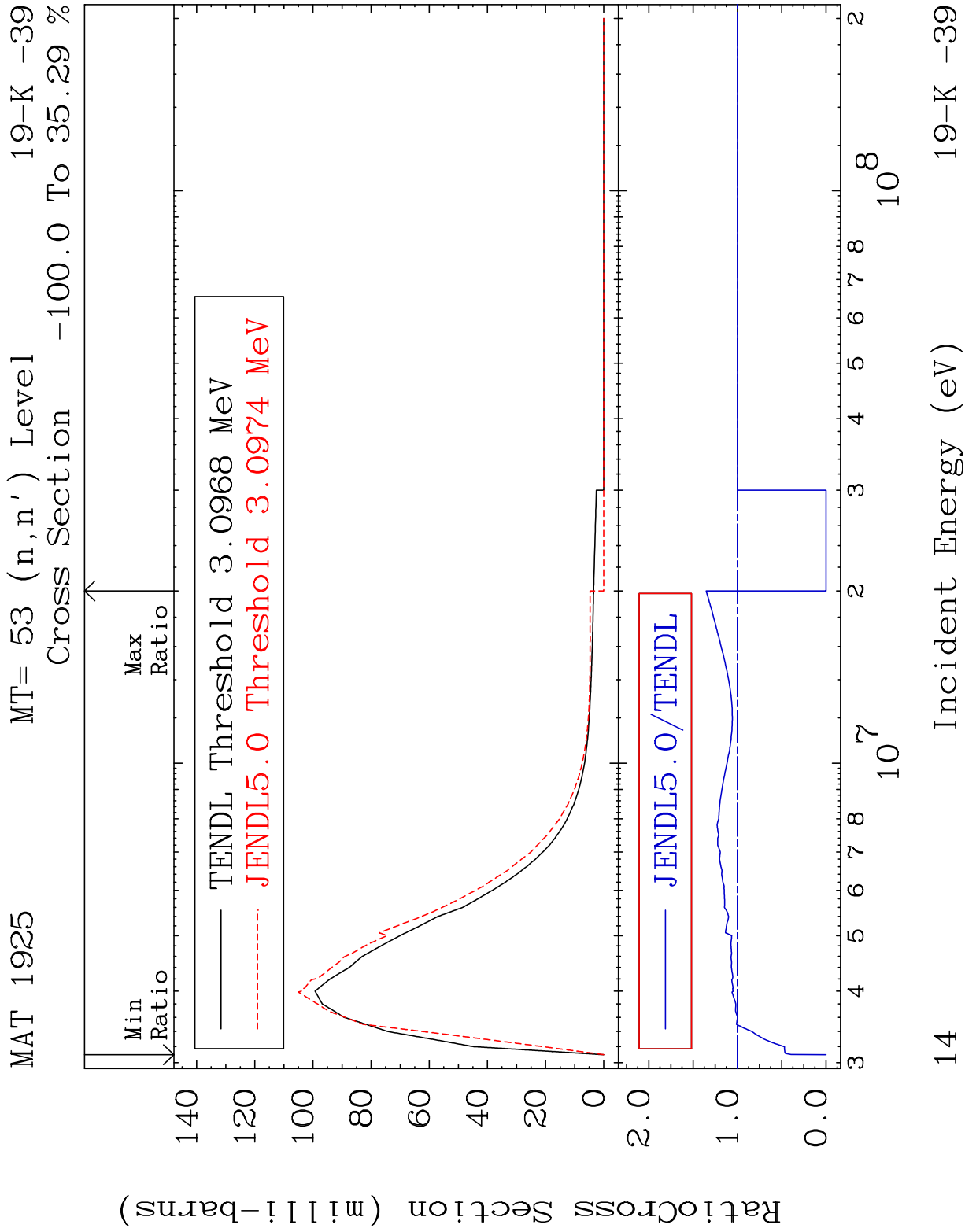




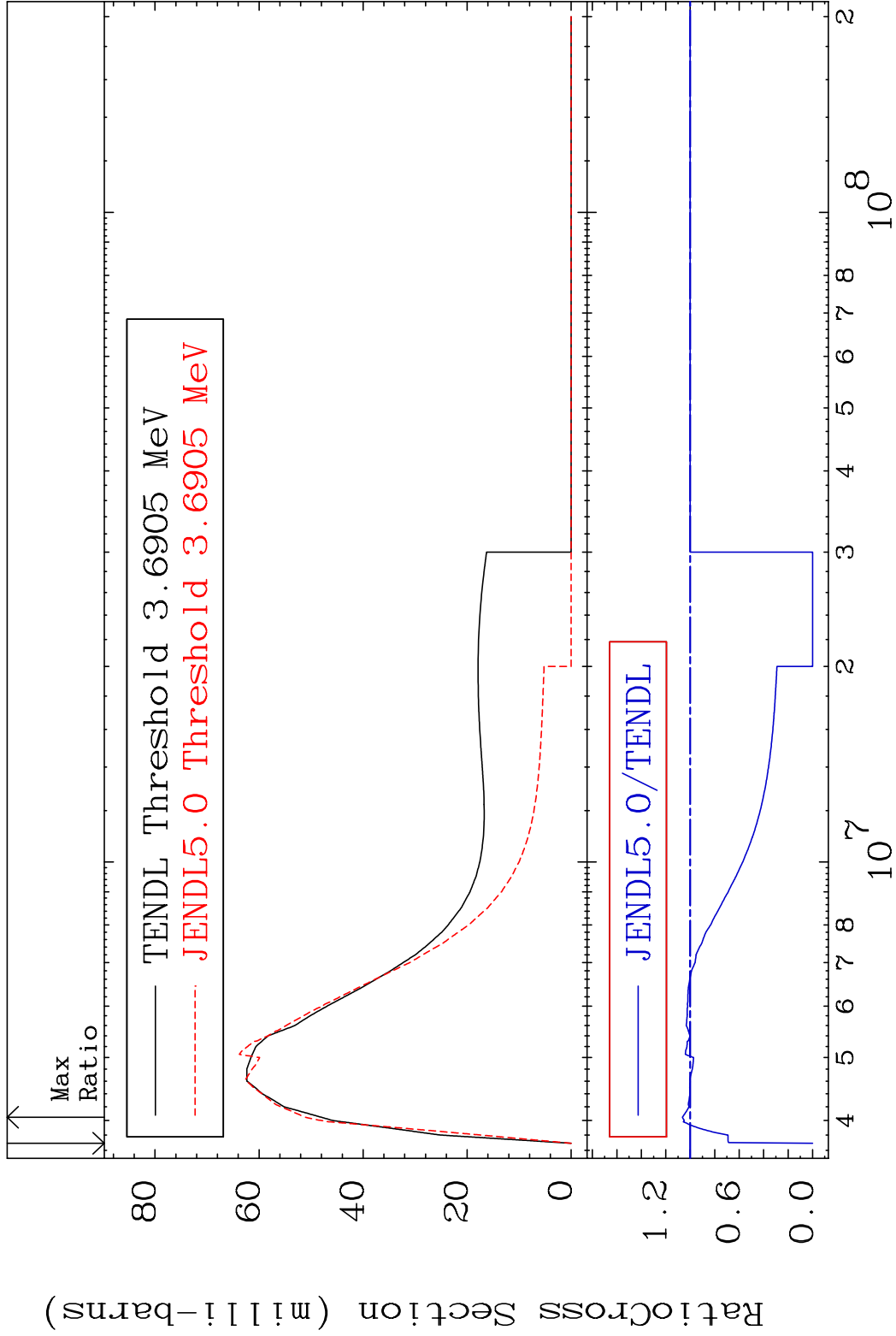






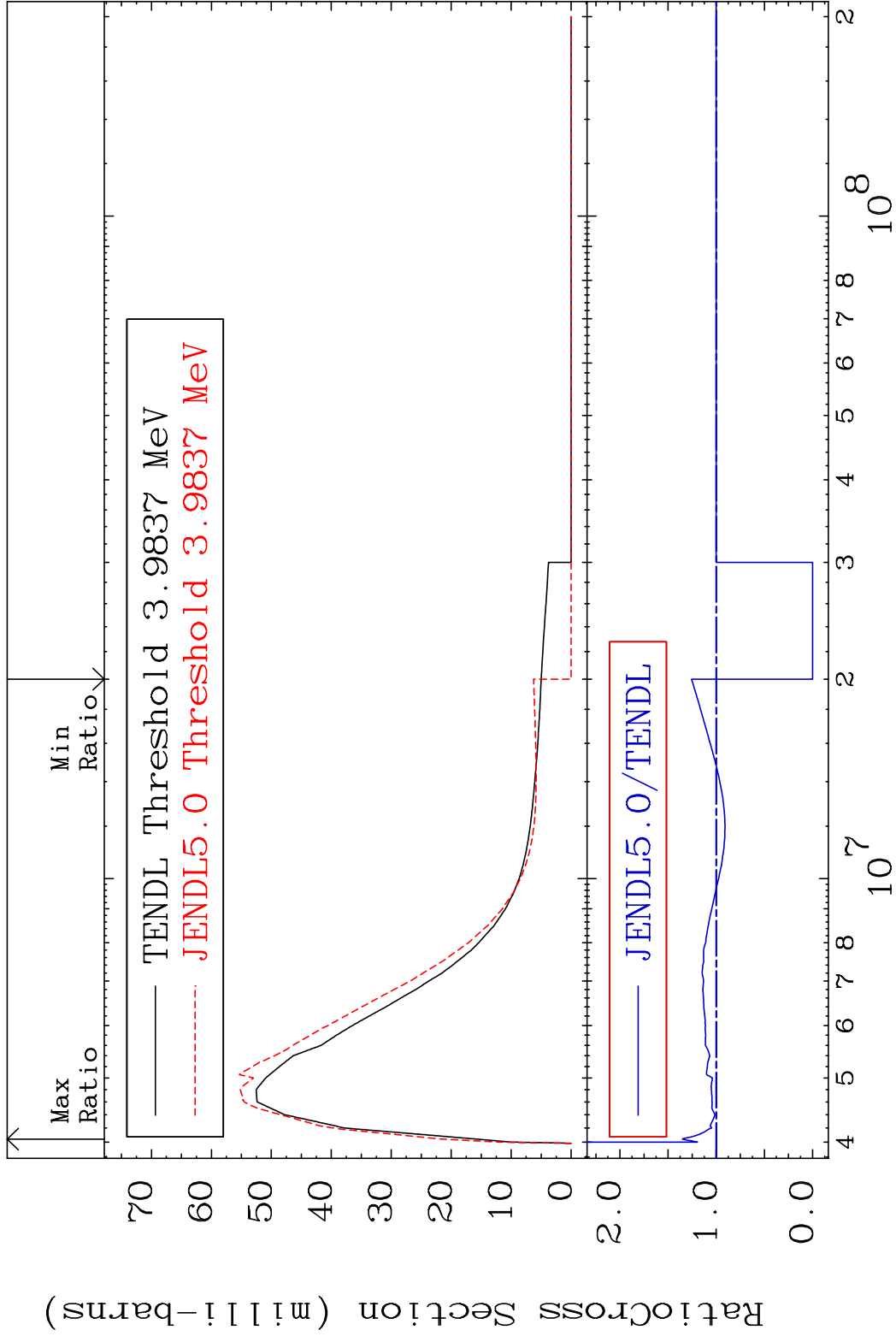


MAT 1925 MT= 54 (n,n') Level 19-K -39
Cross Section -100.0 To 6.460 %

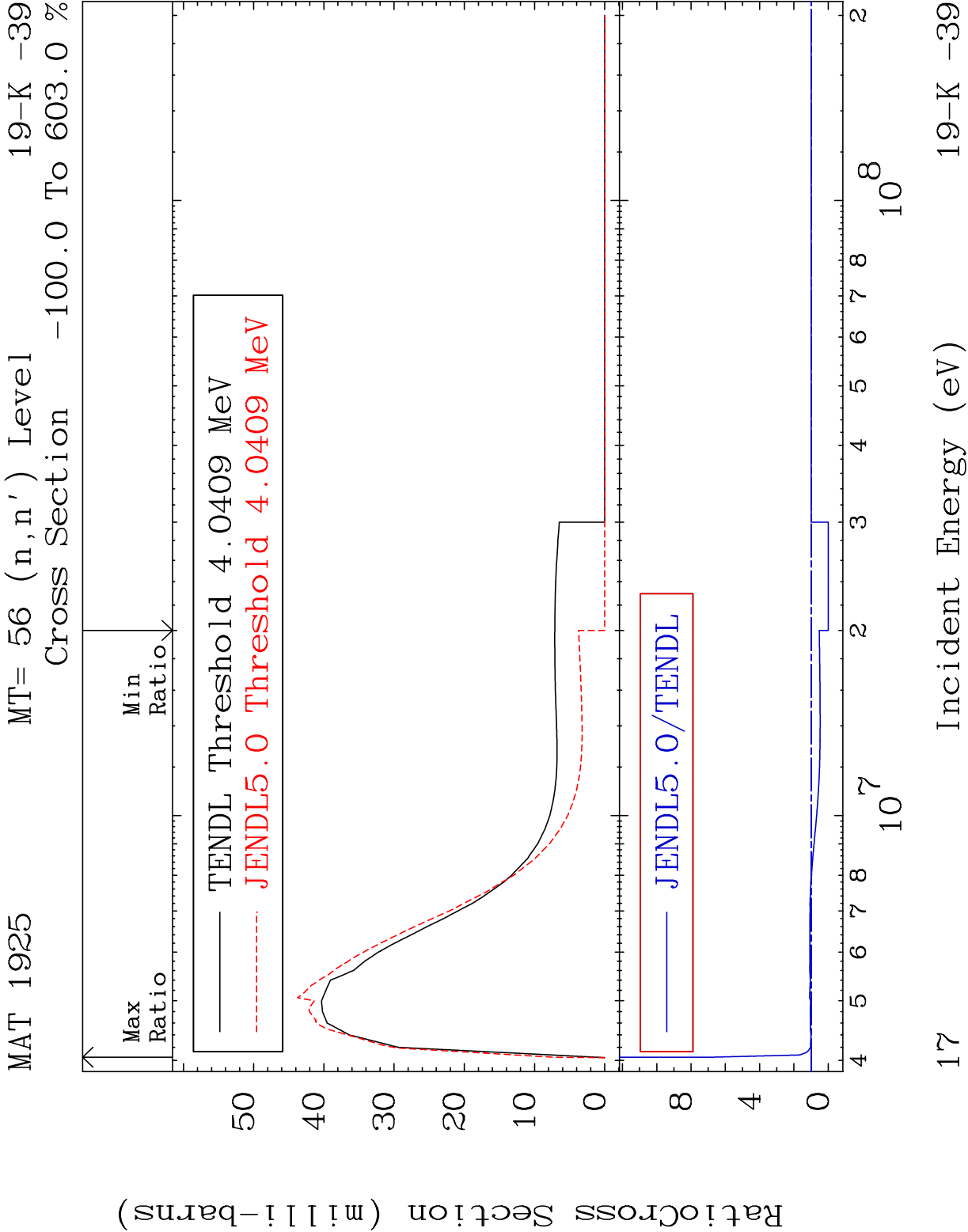


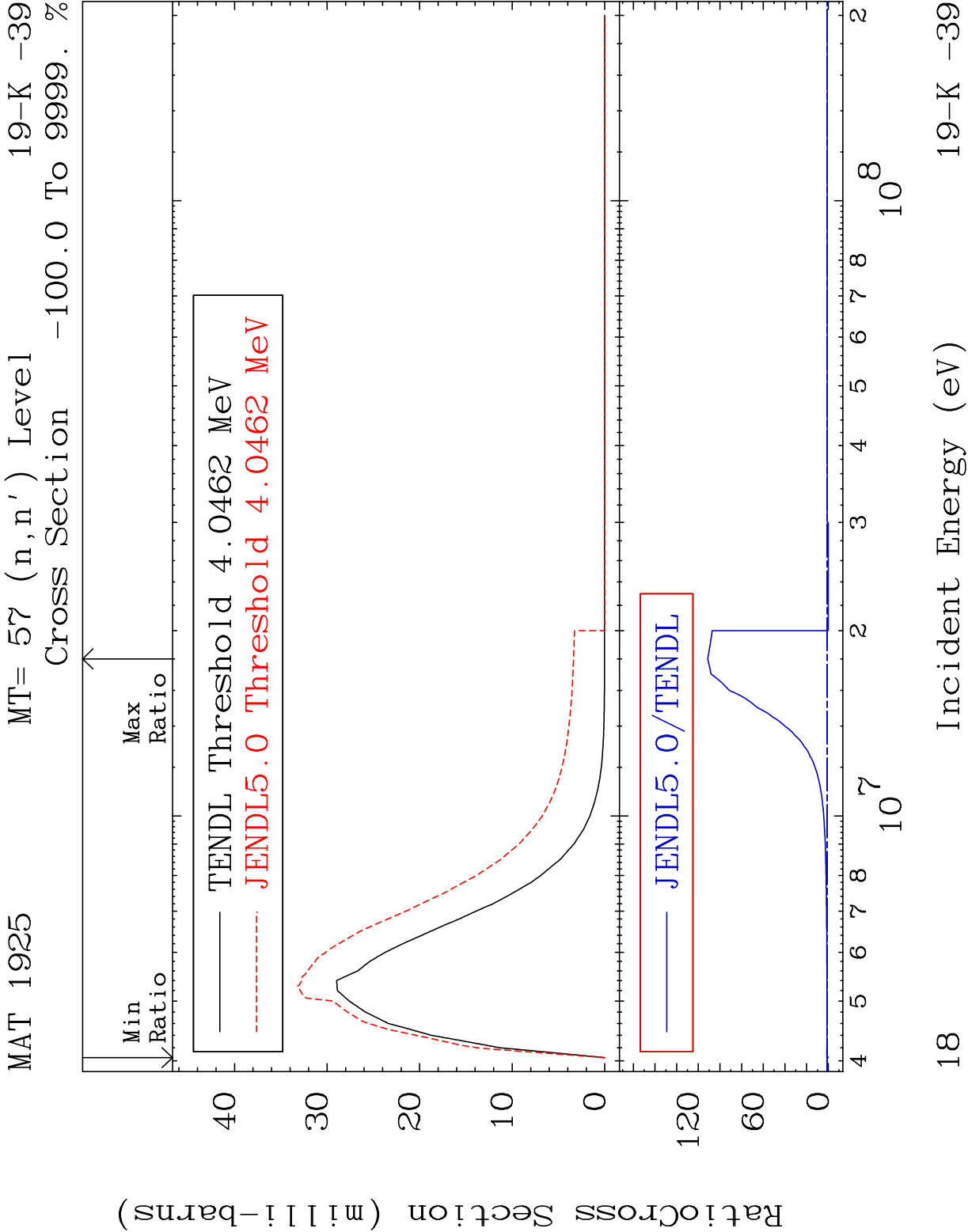
15 Incident Energy (eV) 19-K -39

MAT 1925 MT= 55 (n,n') Level 19-K -39
Cross Section -100.0 To 35.19 %

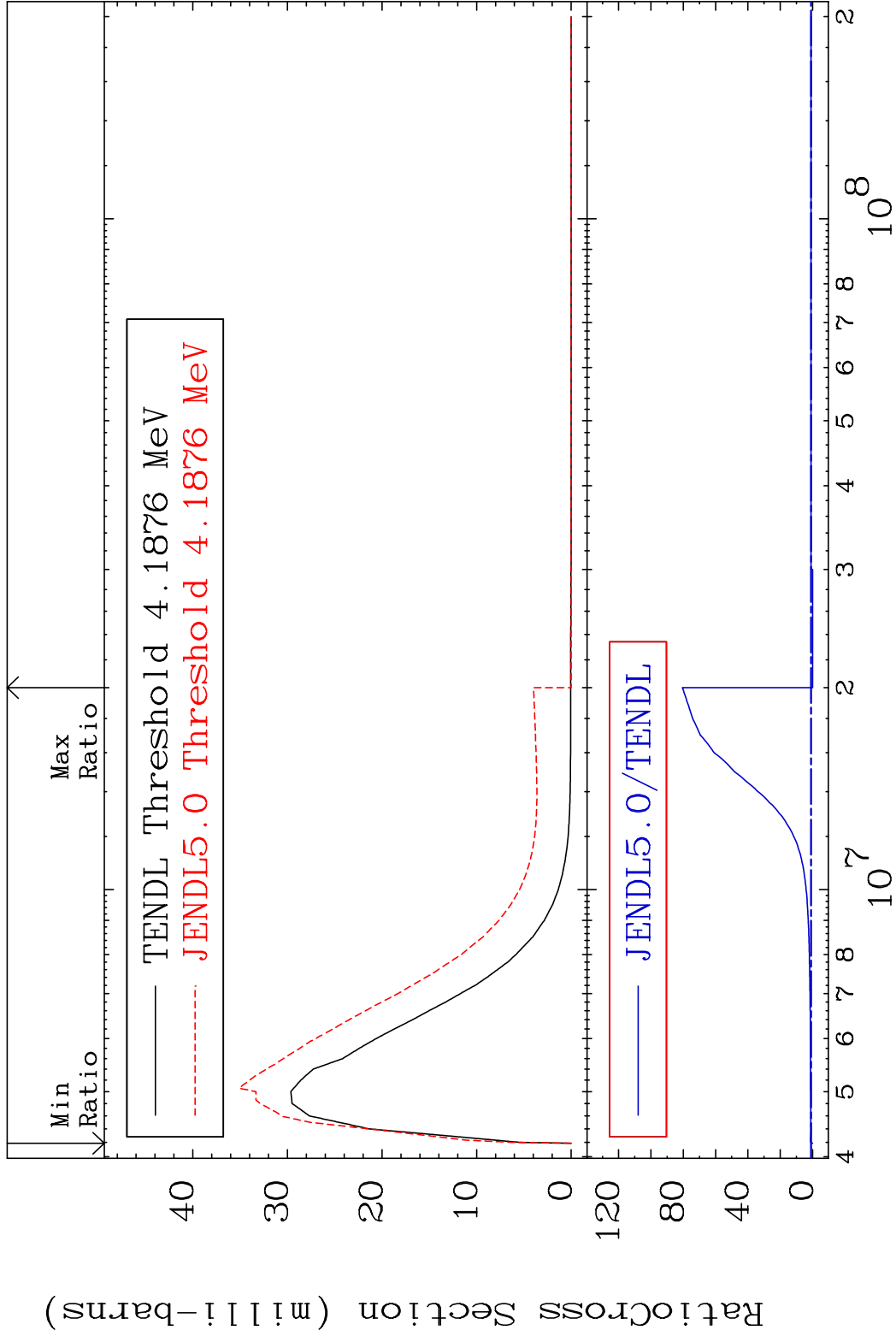


16 Incident Energy (eV) 19-K -39

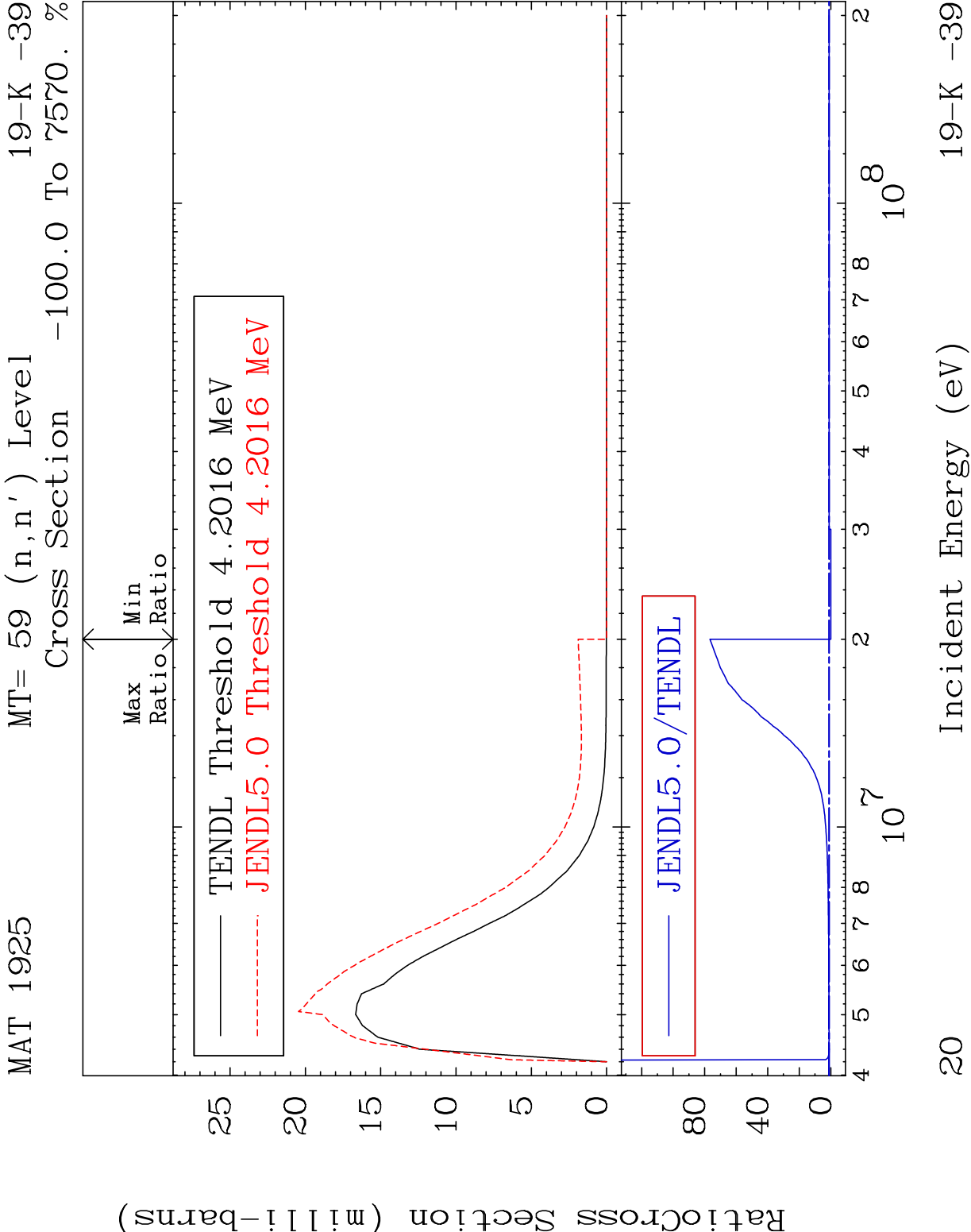


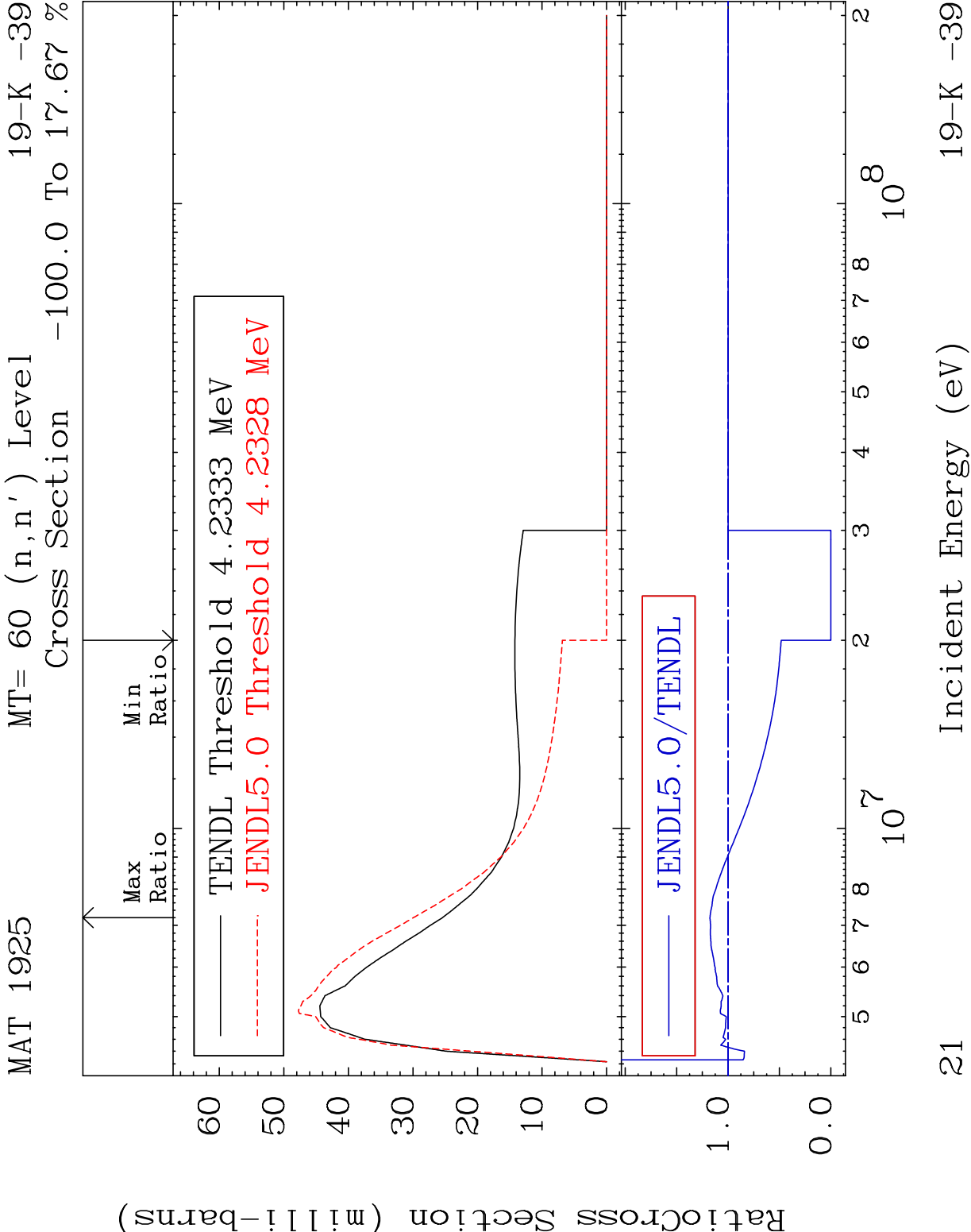


MAT 1925 MT= 58 (n,n') Level 19-K -39
Cross Section -100.0 To 7958. %

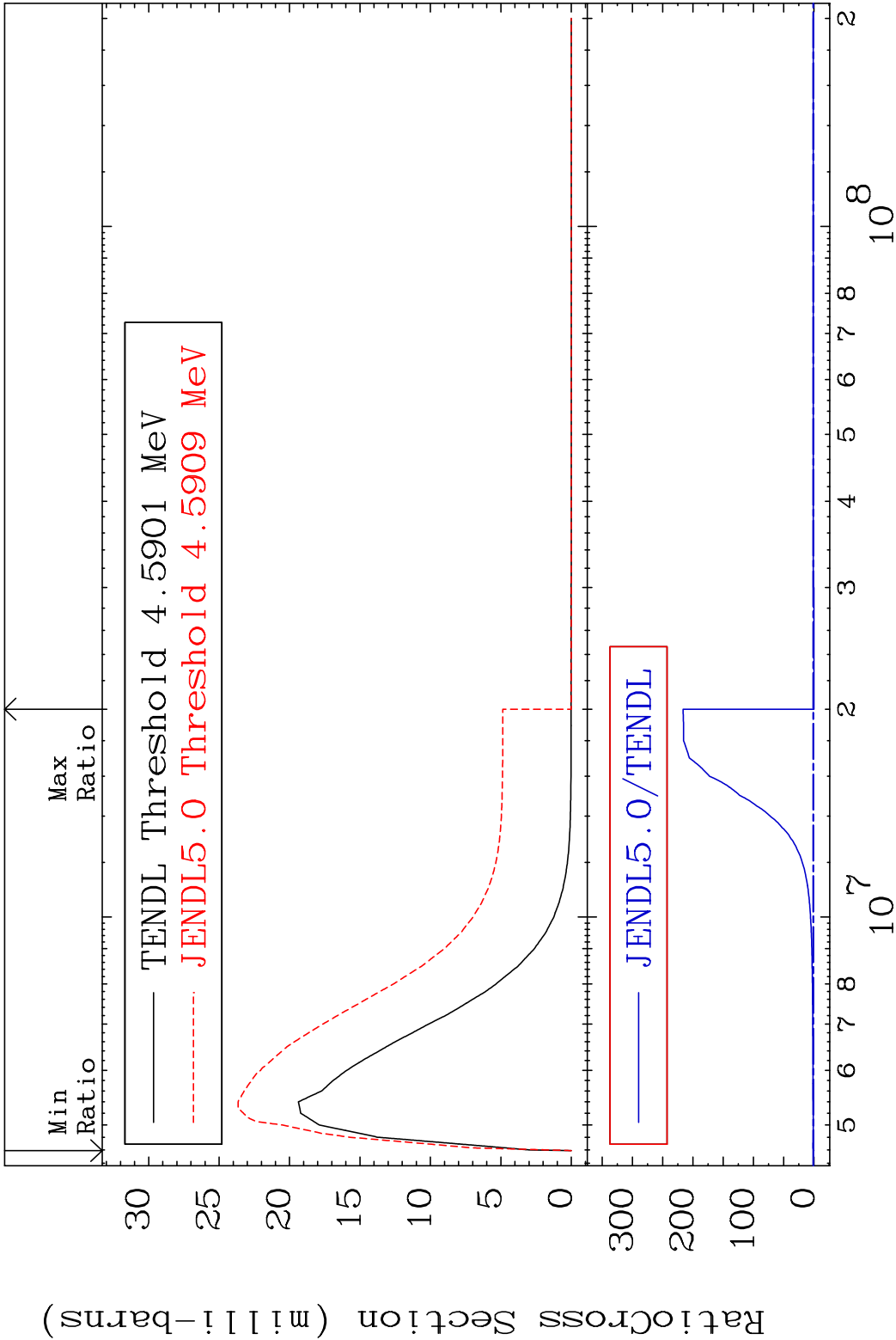


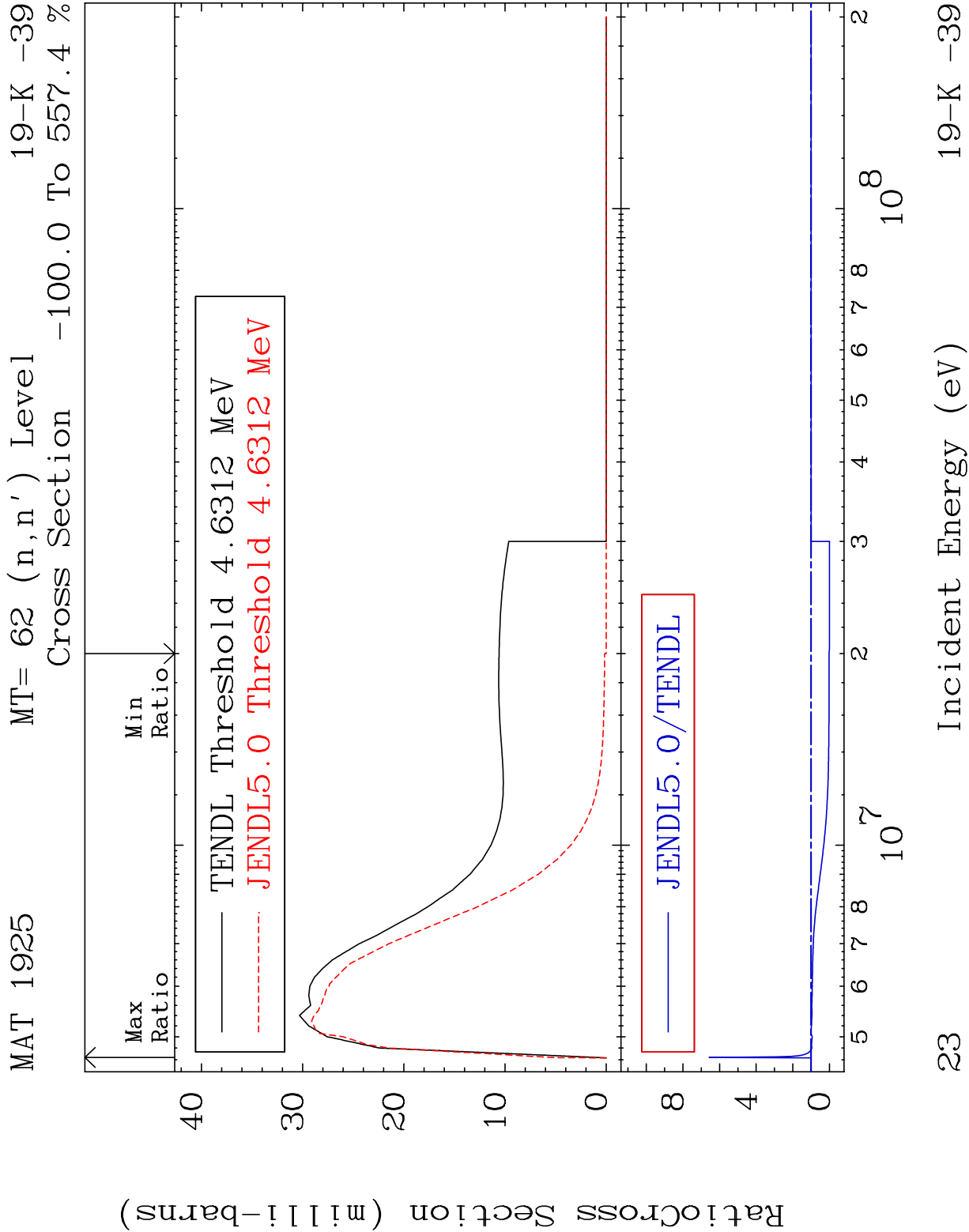
19 Incident Energy (eV) 19-K -39

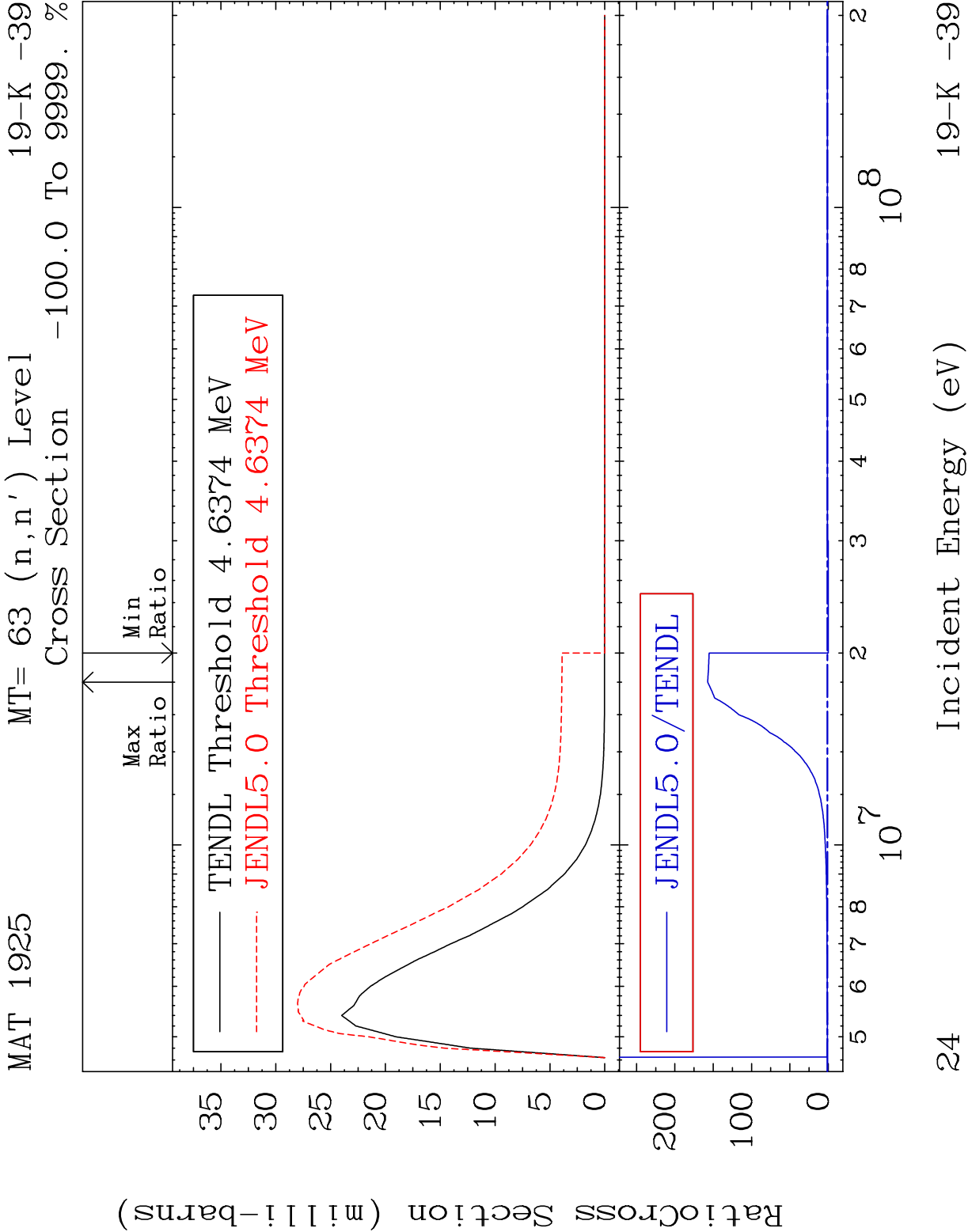




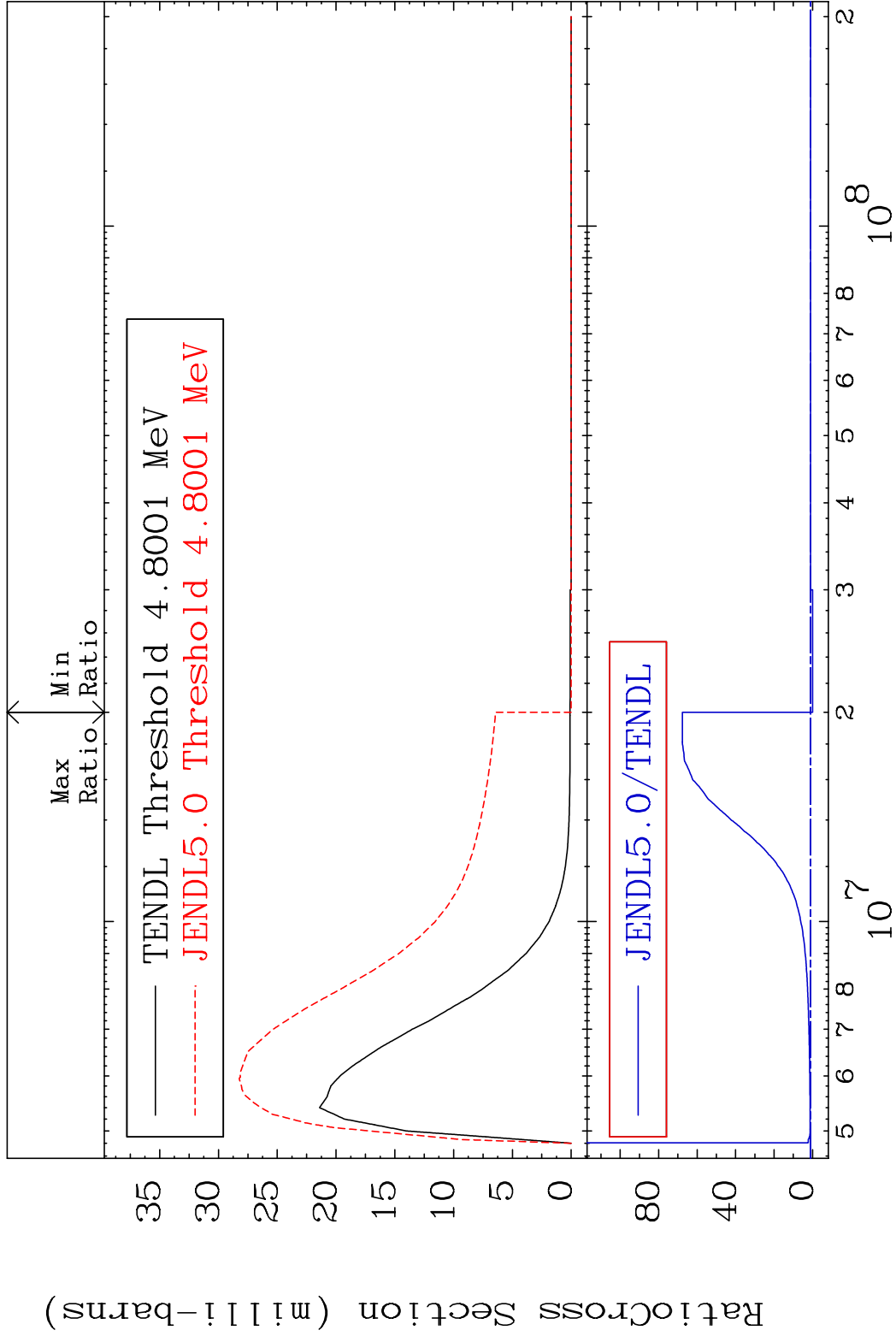
MAT 1925 MT= 61 (n,n') Level 19-K -39
 Cross Section -100.0 To 9999. %



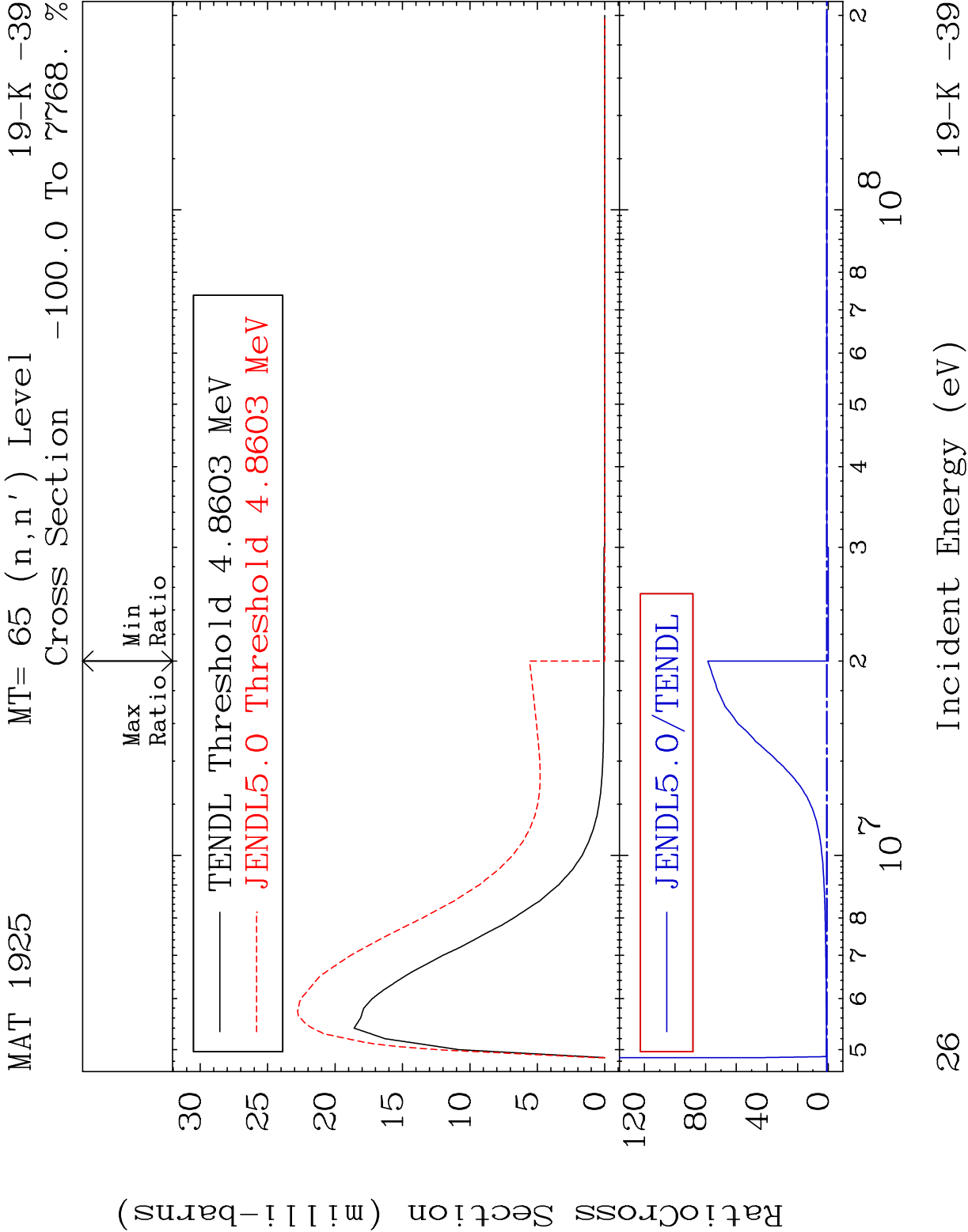


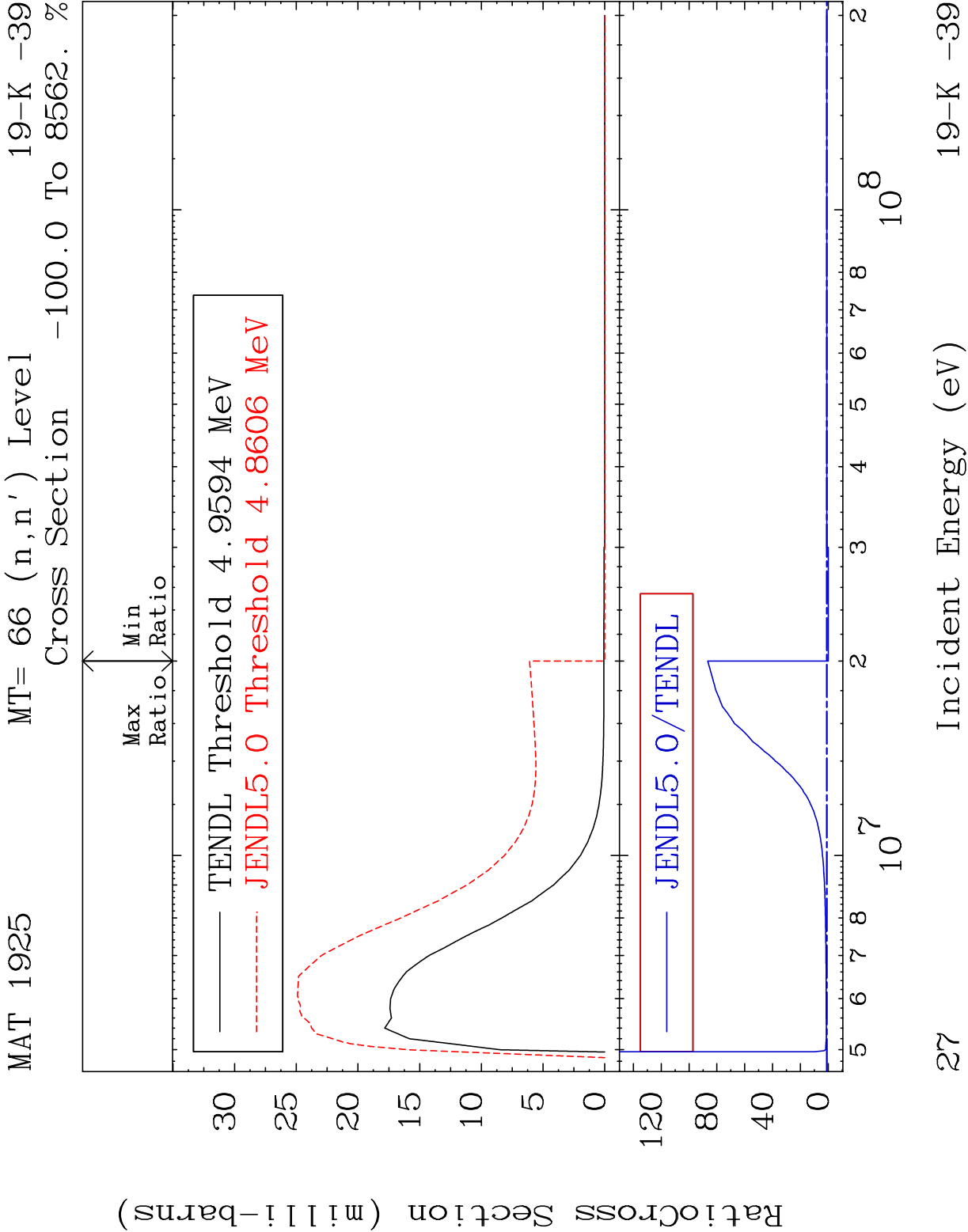


MAT 1925 MT= 64 (n,n') Level 19-K -39
Cross Section -100.0 To 6668. %

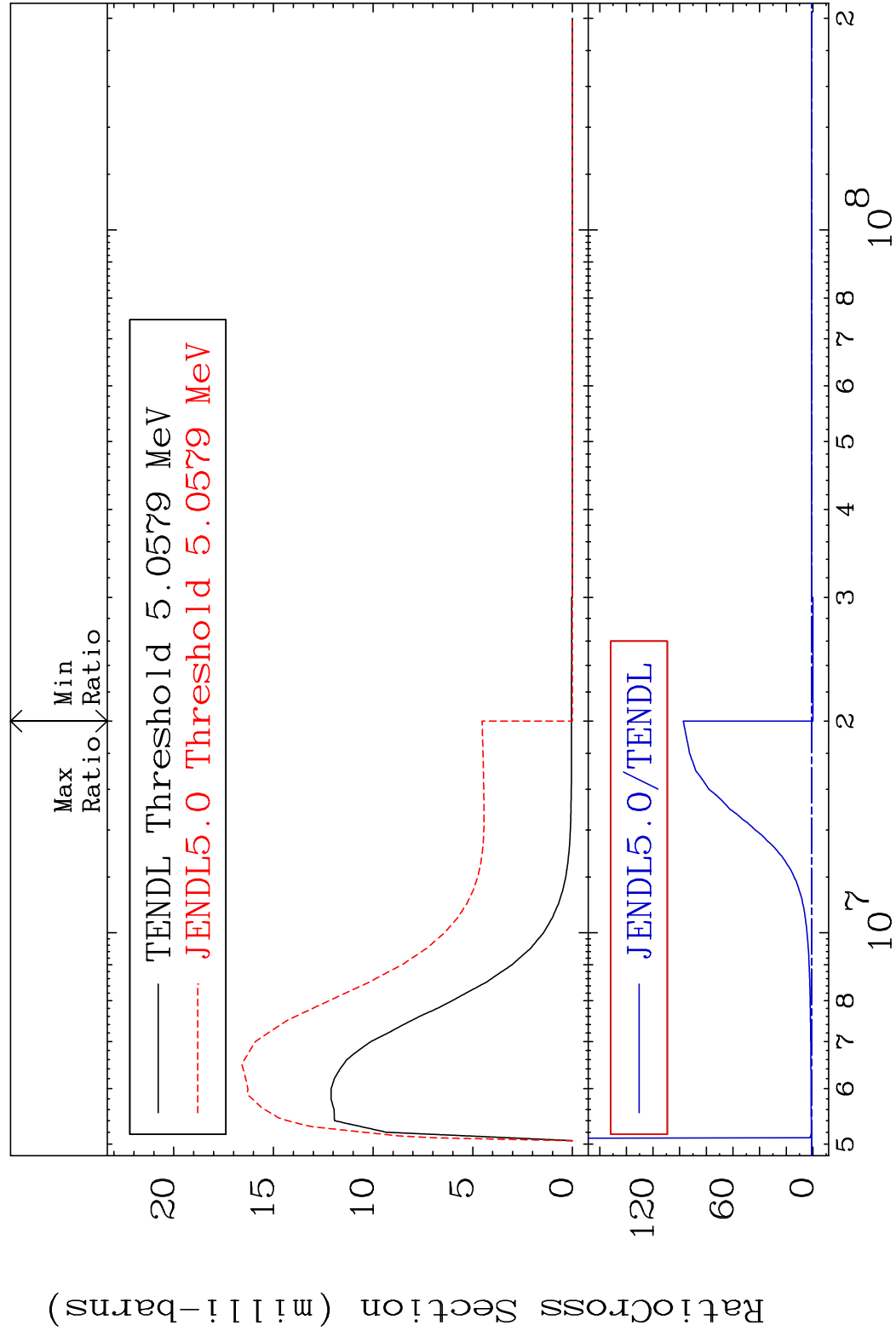


25 Incident Energy (eV) 19-K -39

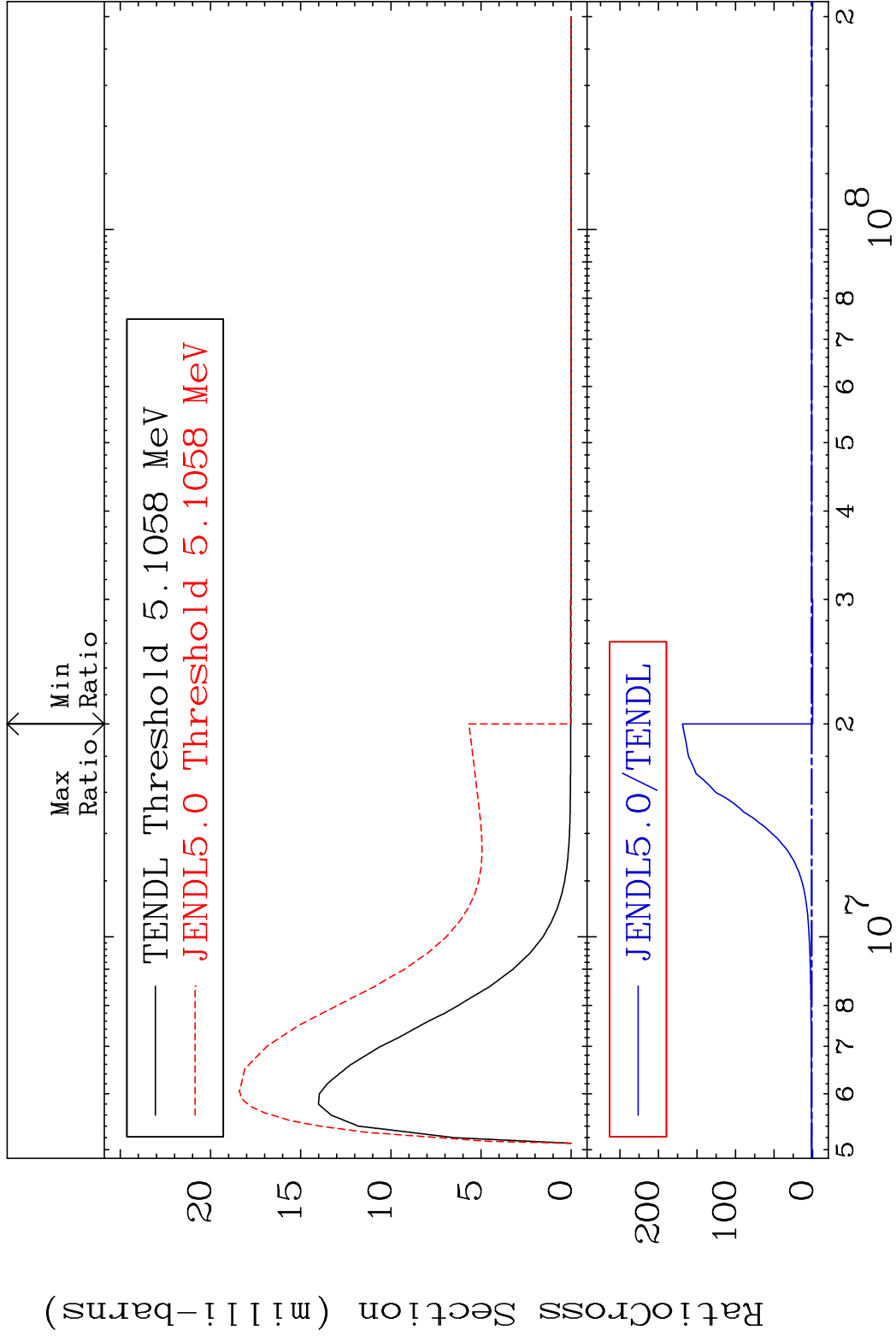


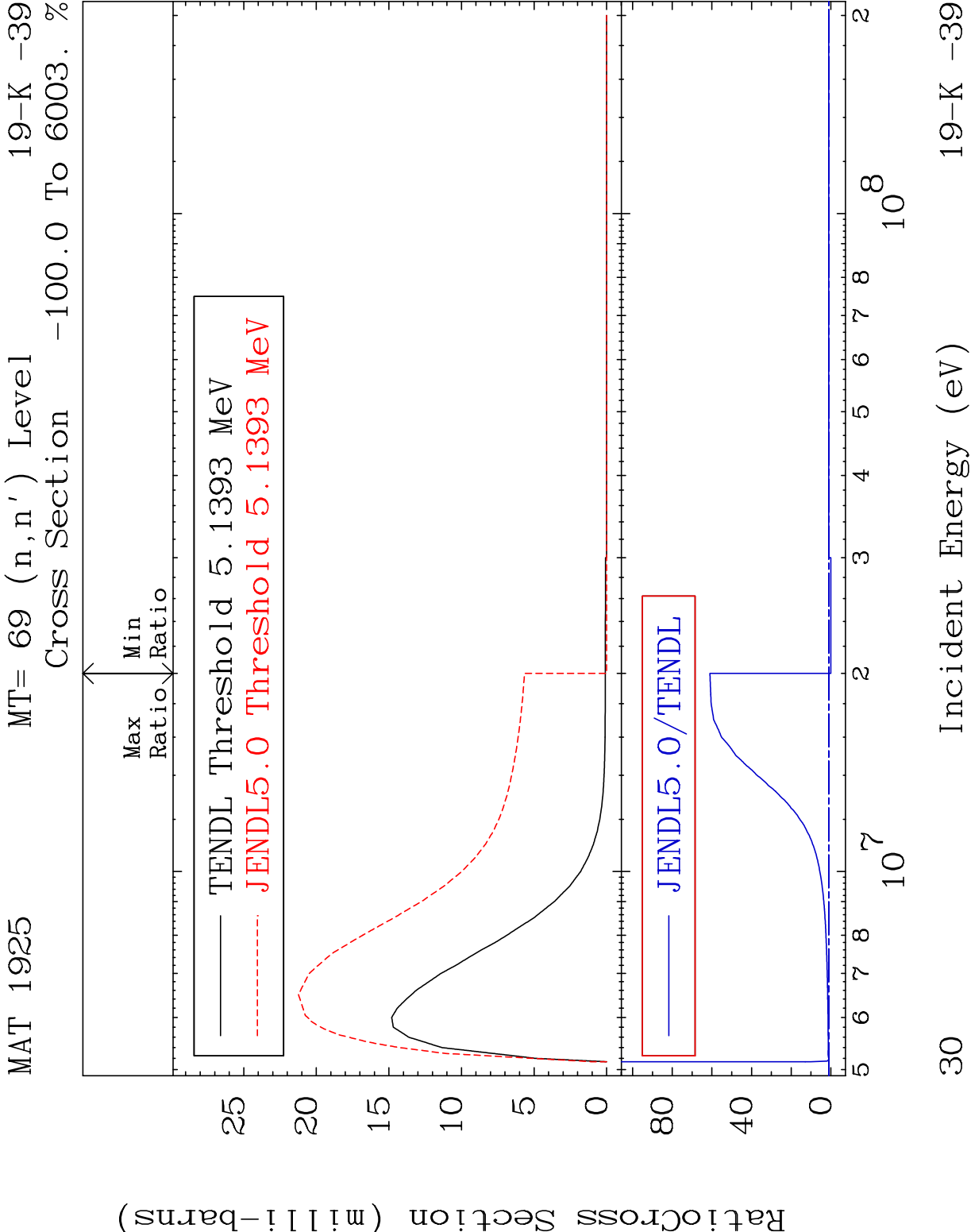


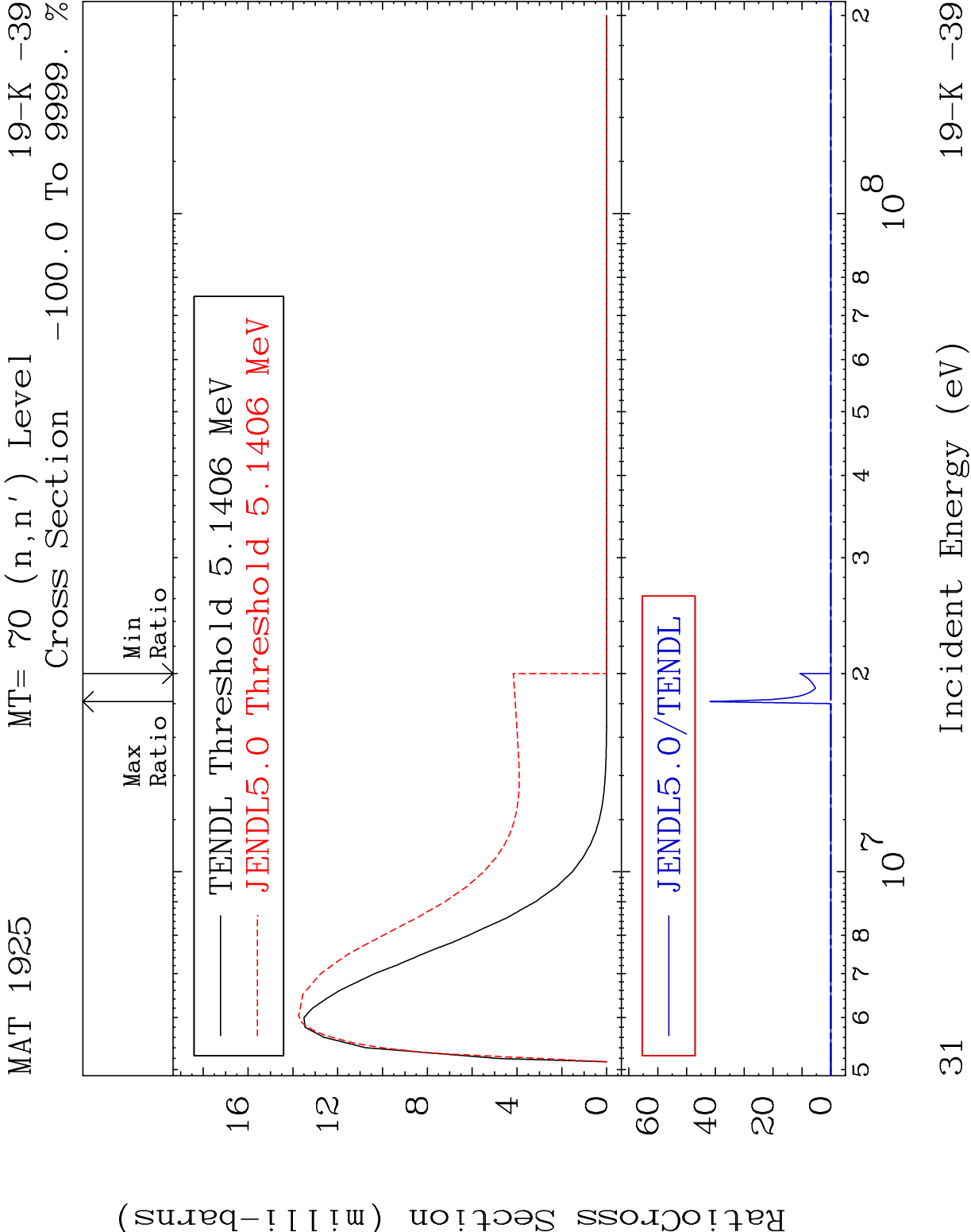
MAT 1925 MT= 67 (n,n') Level 19-K -39
 Cross Section -100.0 To 9636. %

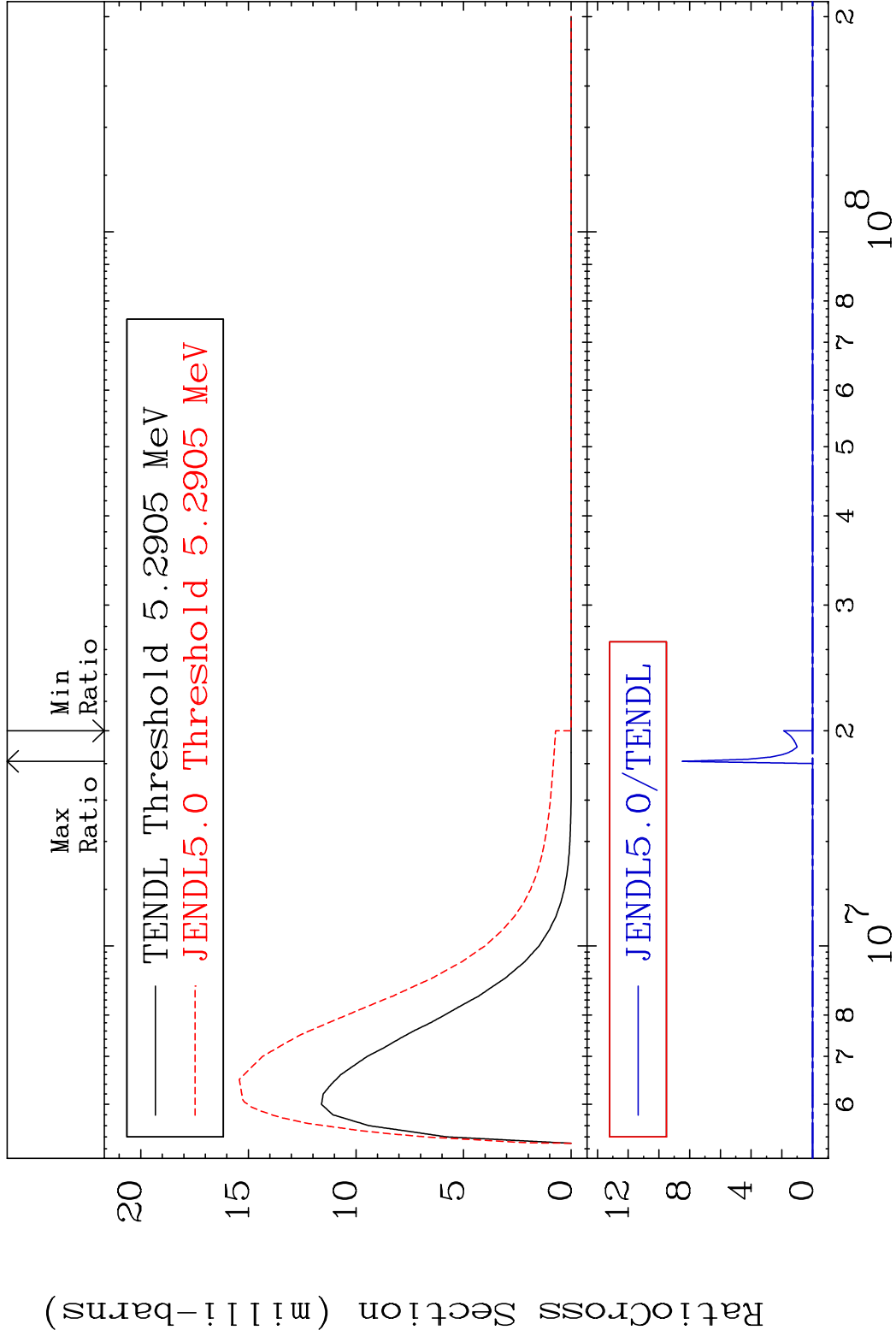


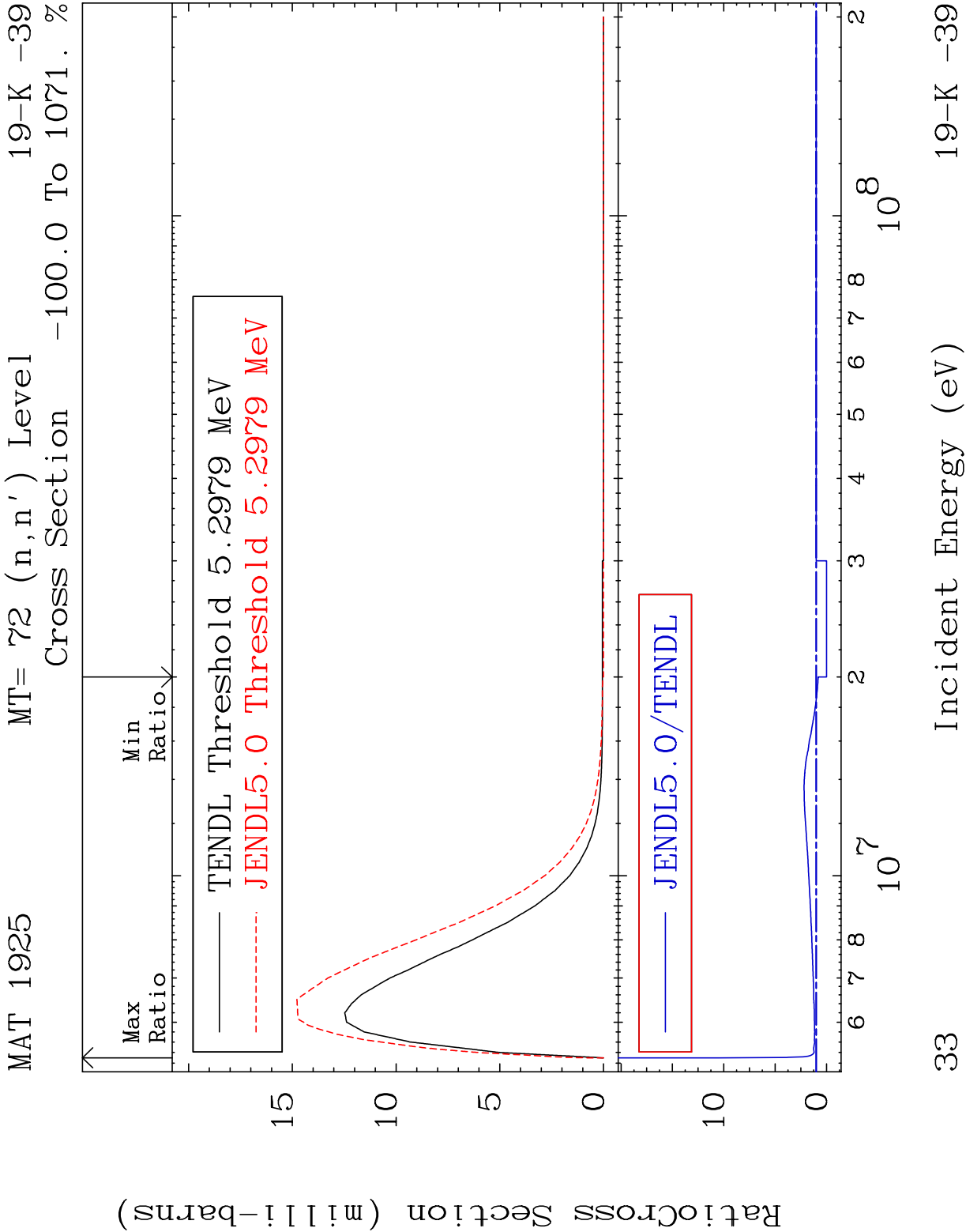
MAT 1925 MT= 68 (n,n') Level 19-K -39
Cross Section -100.0 To 9999. %



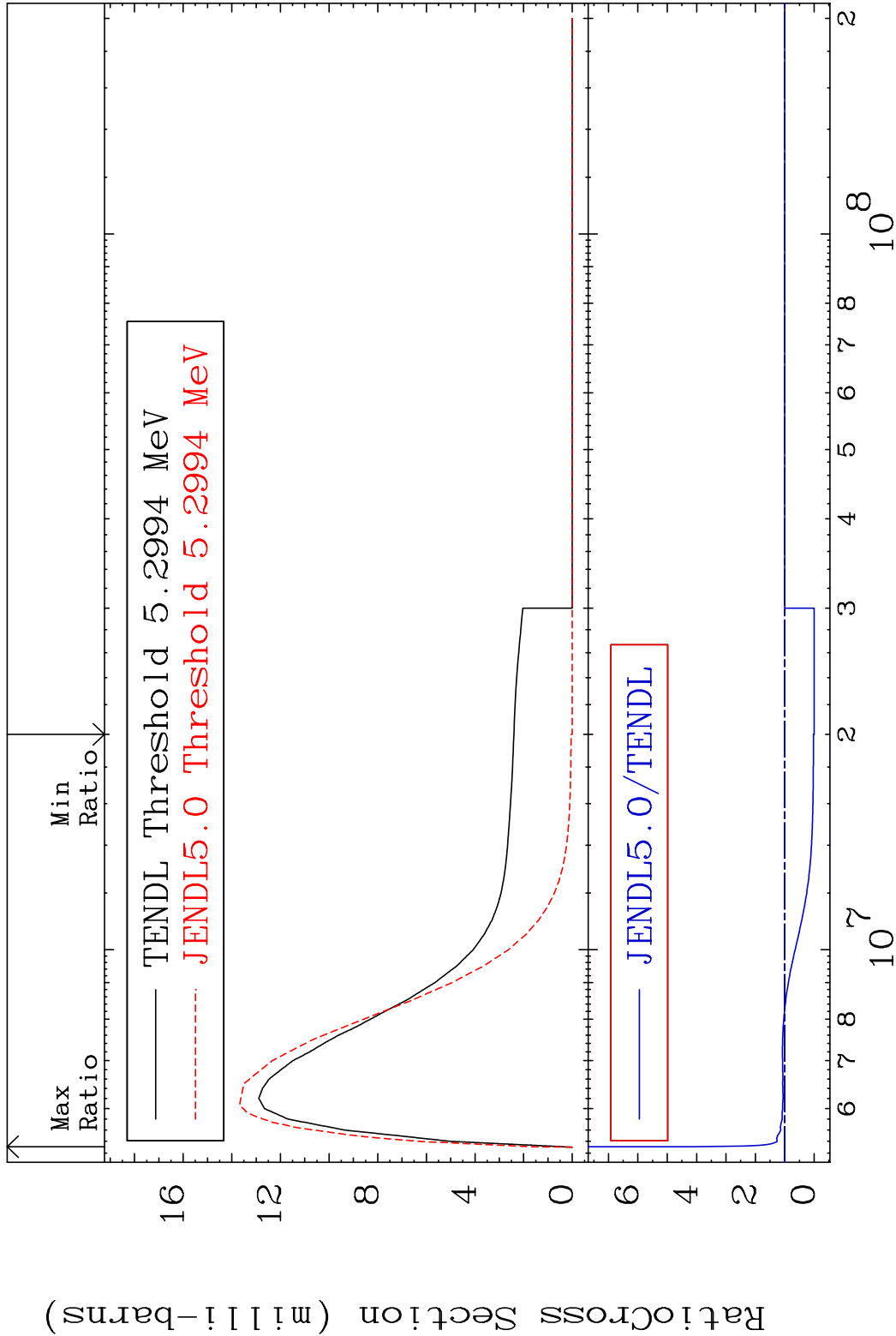






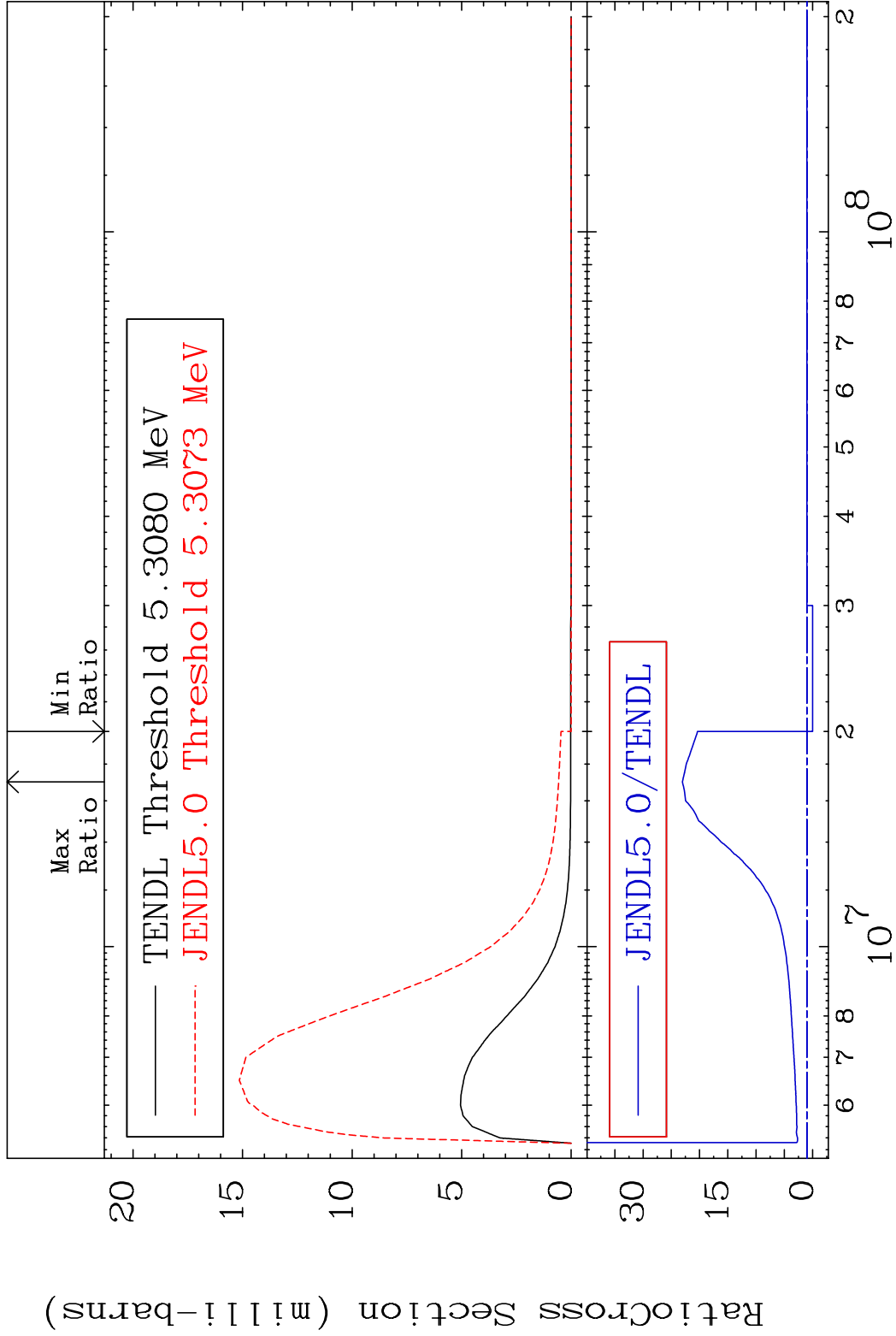


MAT 1925 MT= 73 (n,n') Level 19-K -39
Cross Section -100.0 To 344.1 %

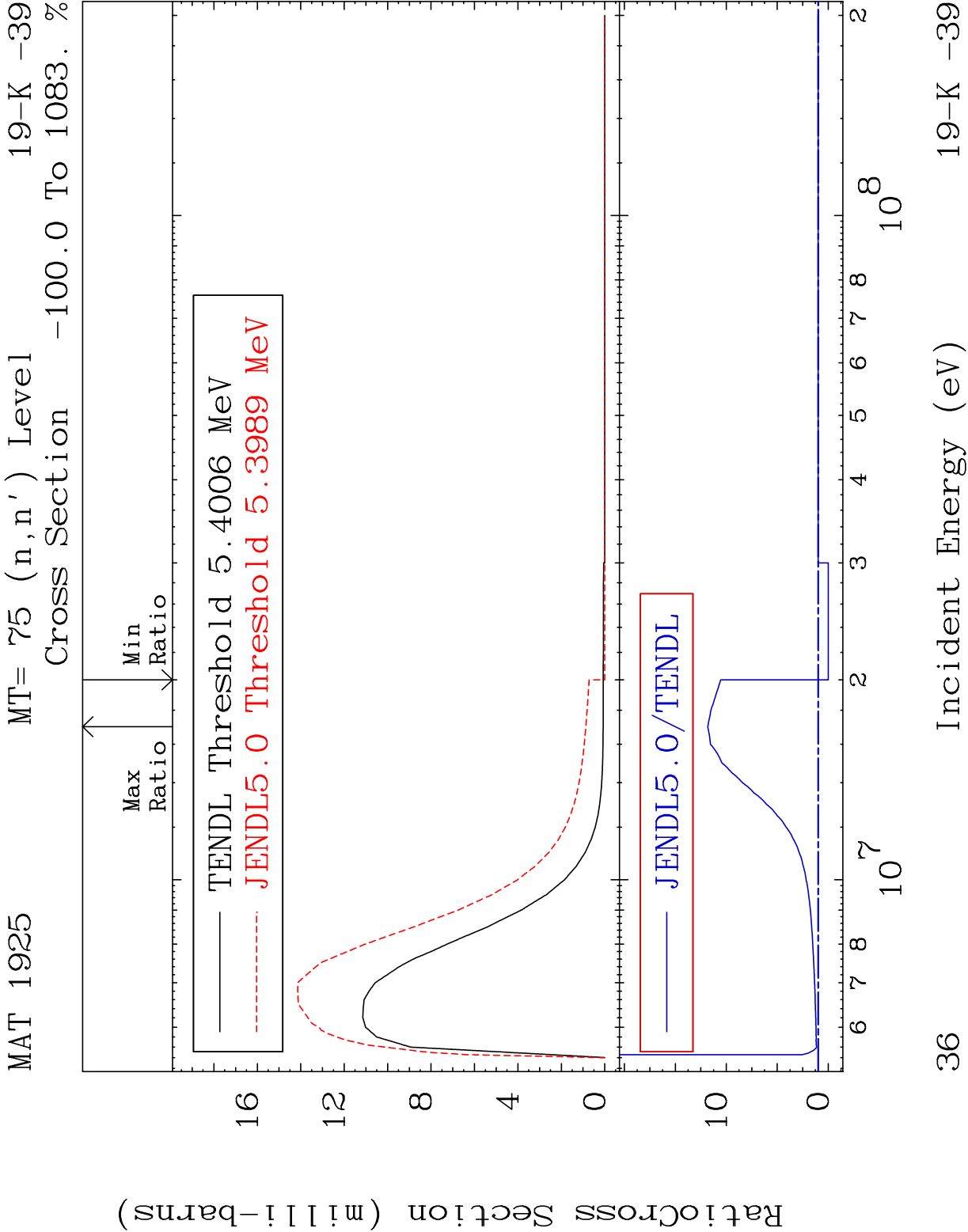


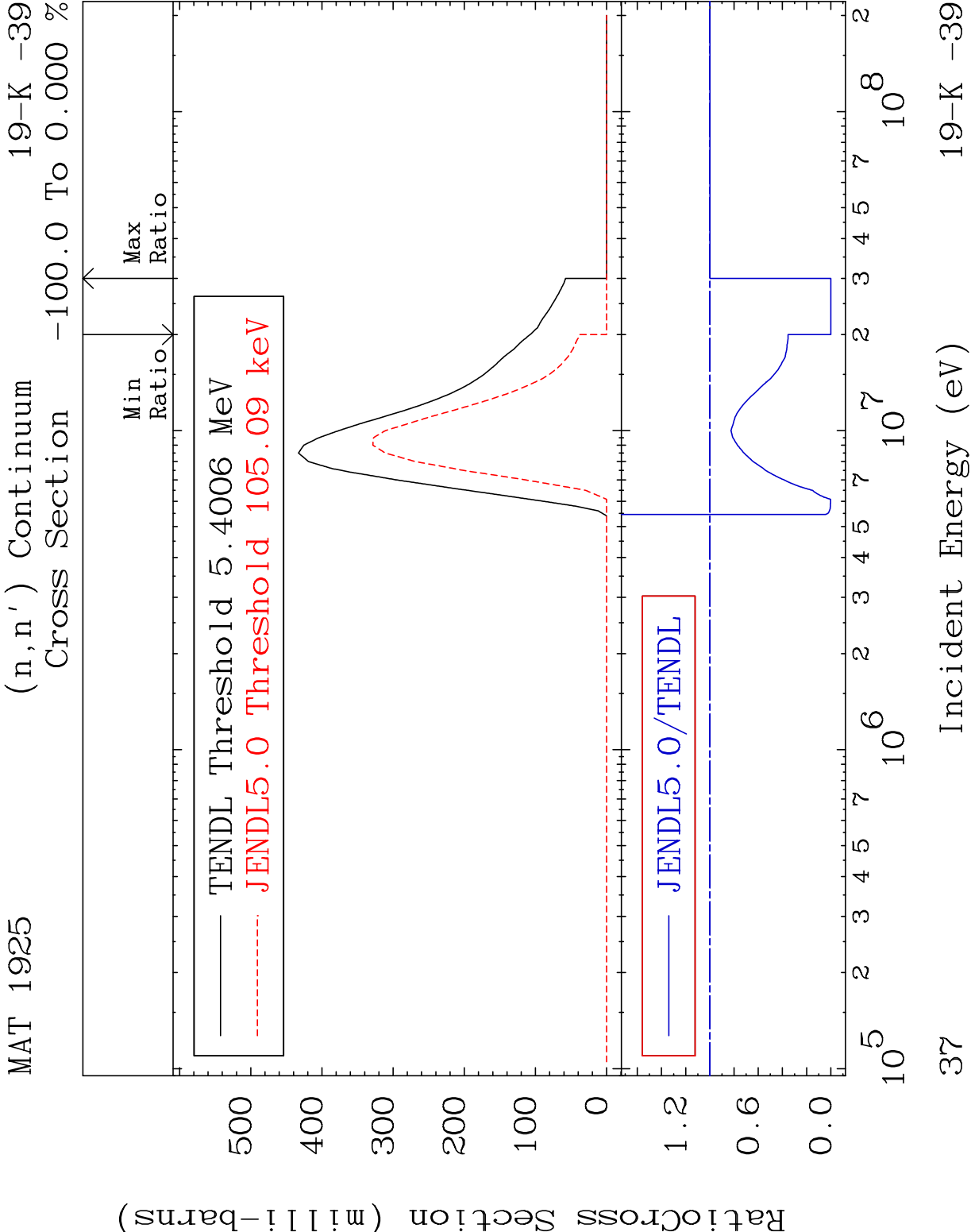
34 Incident Energy (eV) 19-K -39

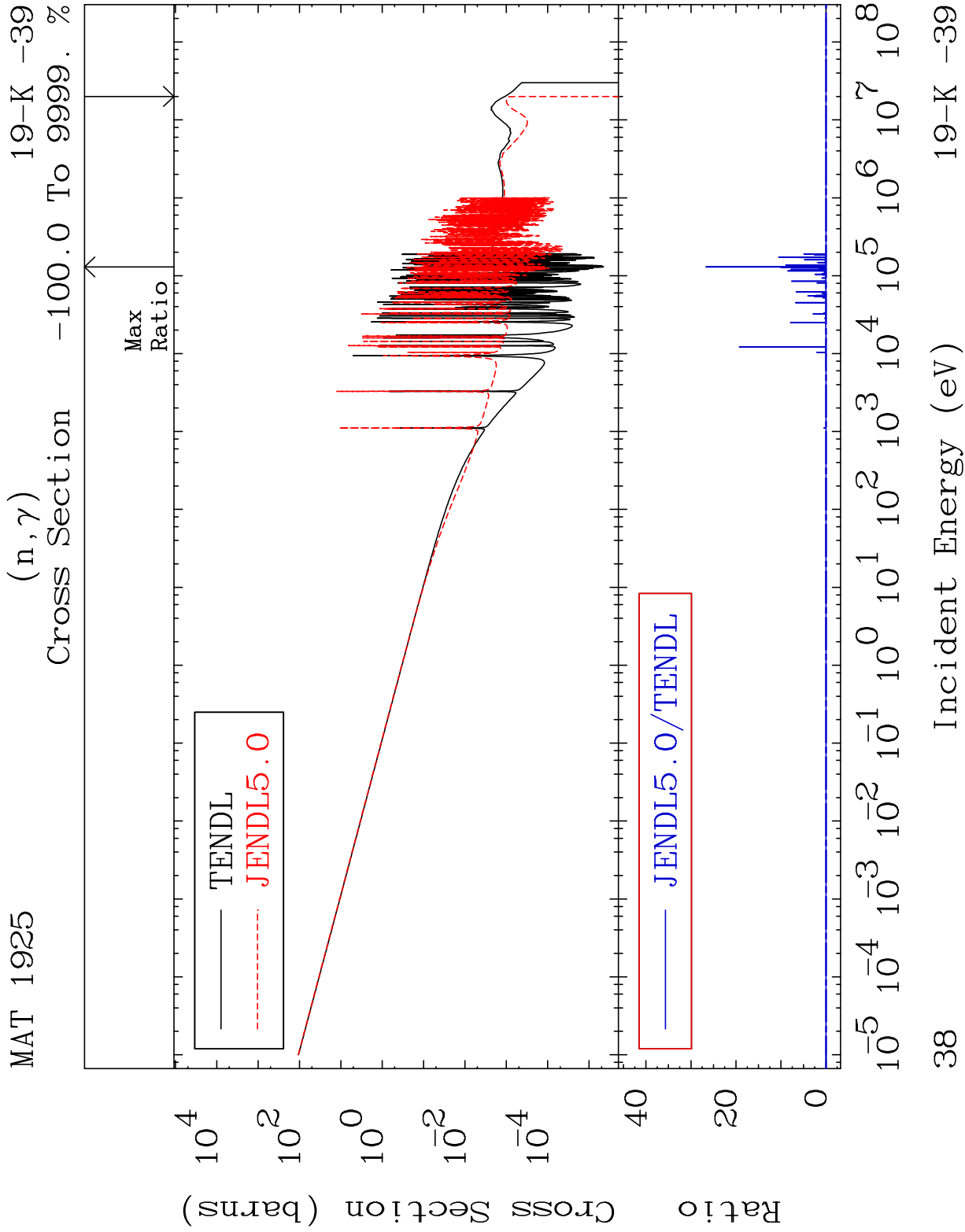
MAT 1925 MT= 74 (n,n') Level 19-K -39
Cross Section -100.0 To 2205. %

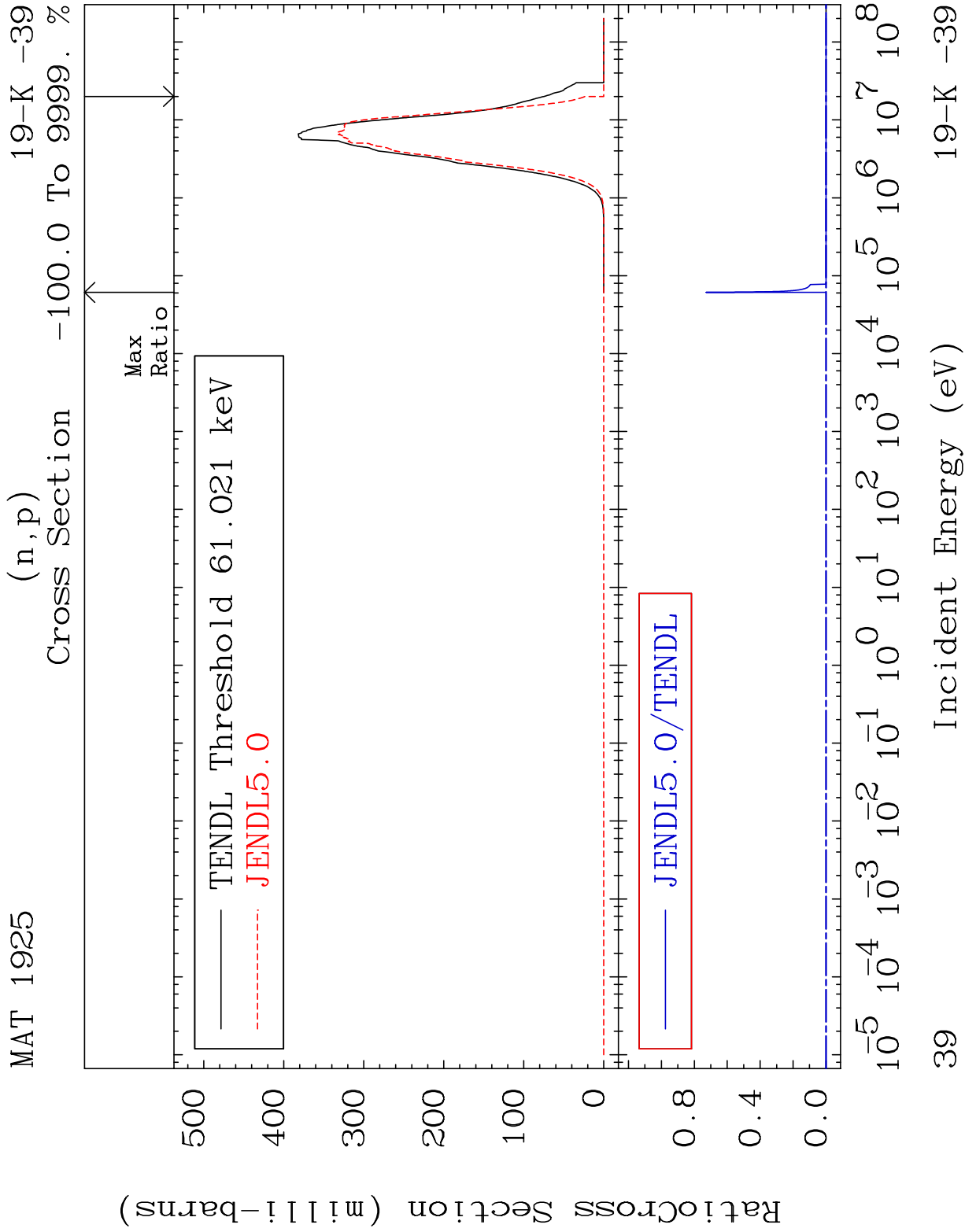


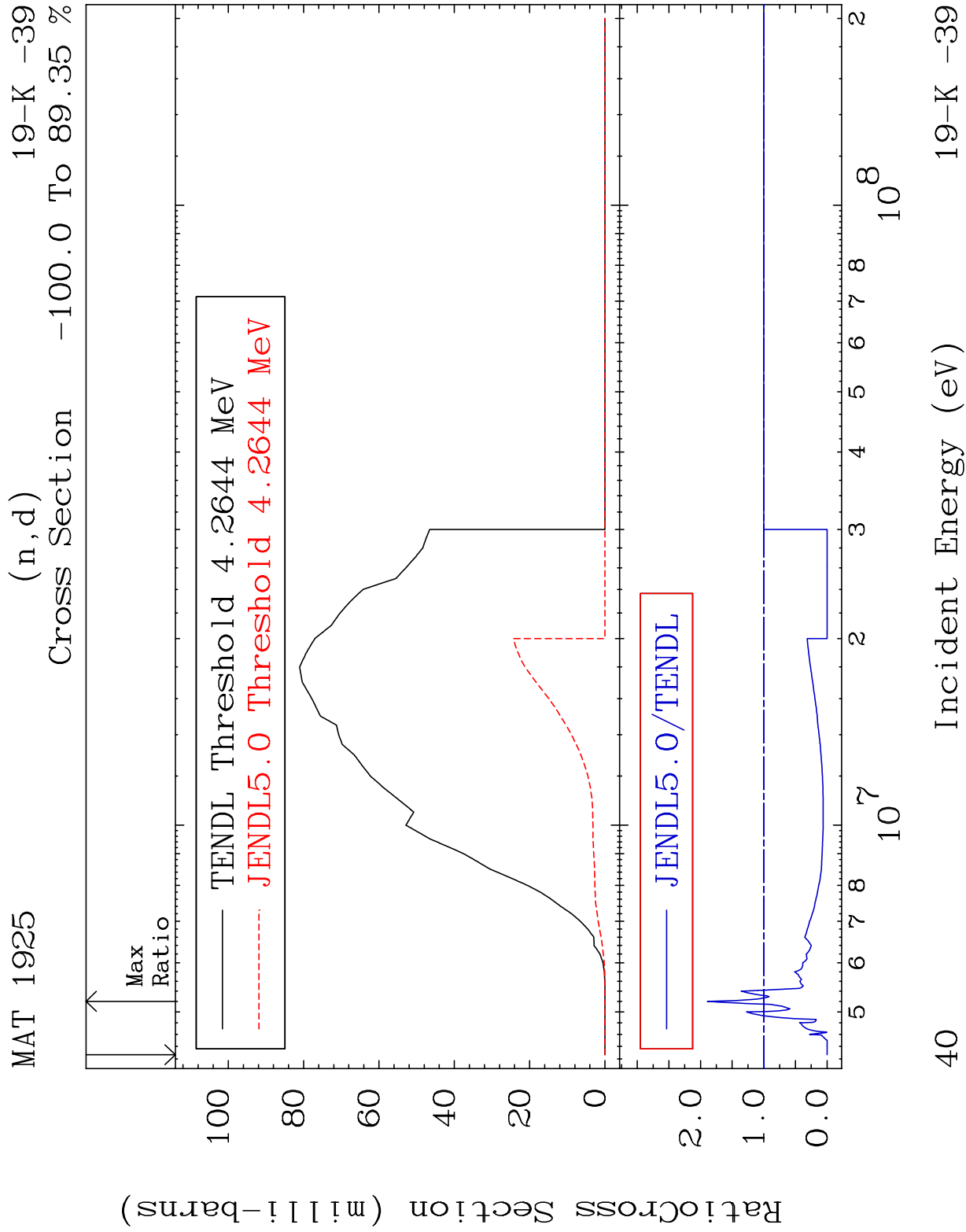
35 Incident Energy (eV) 19-K -39

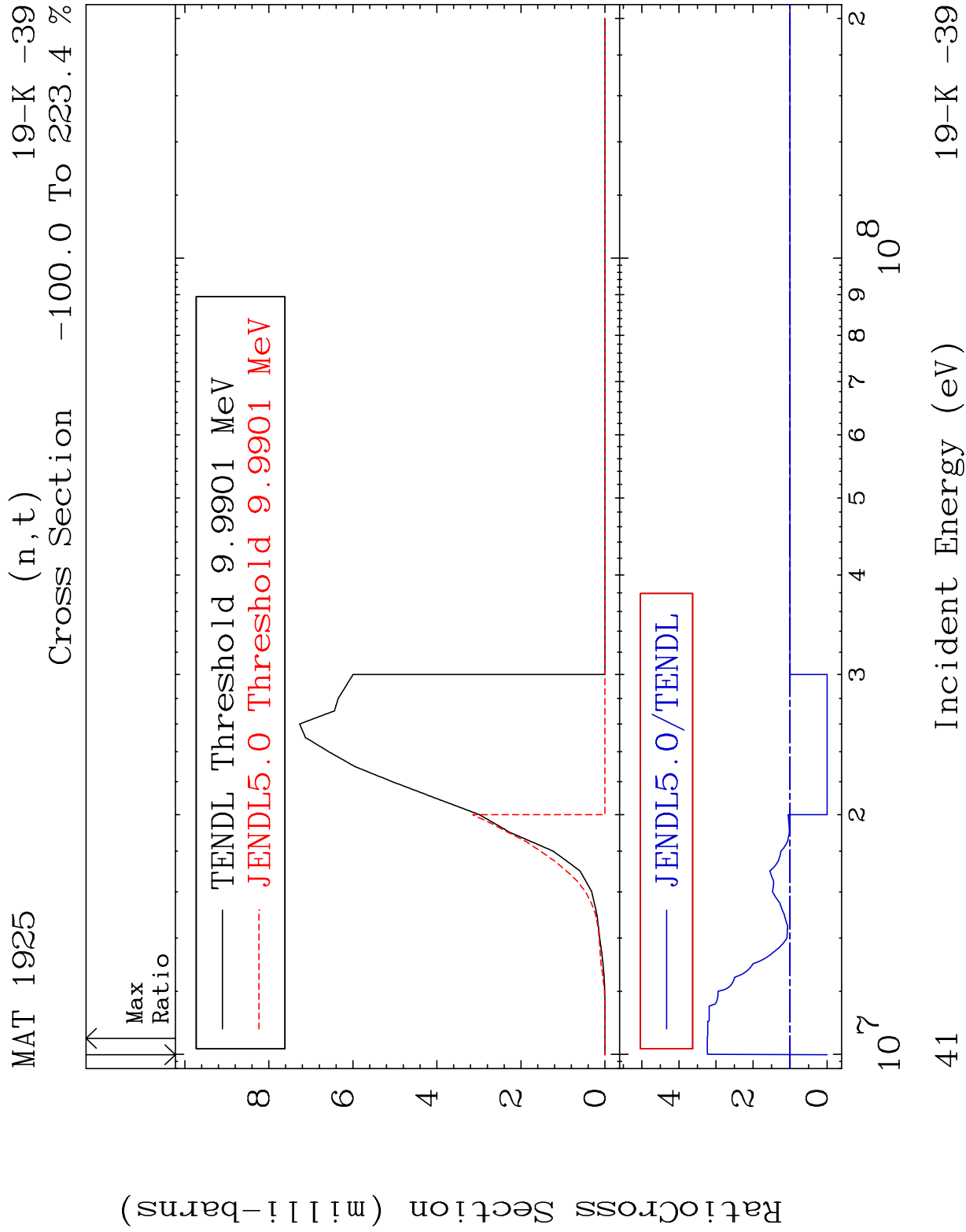


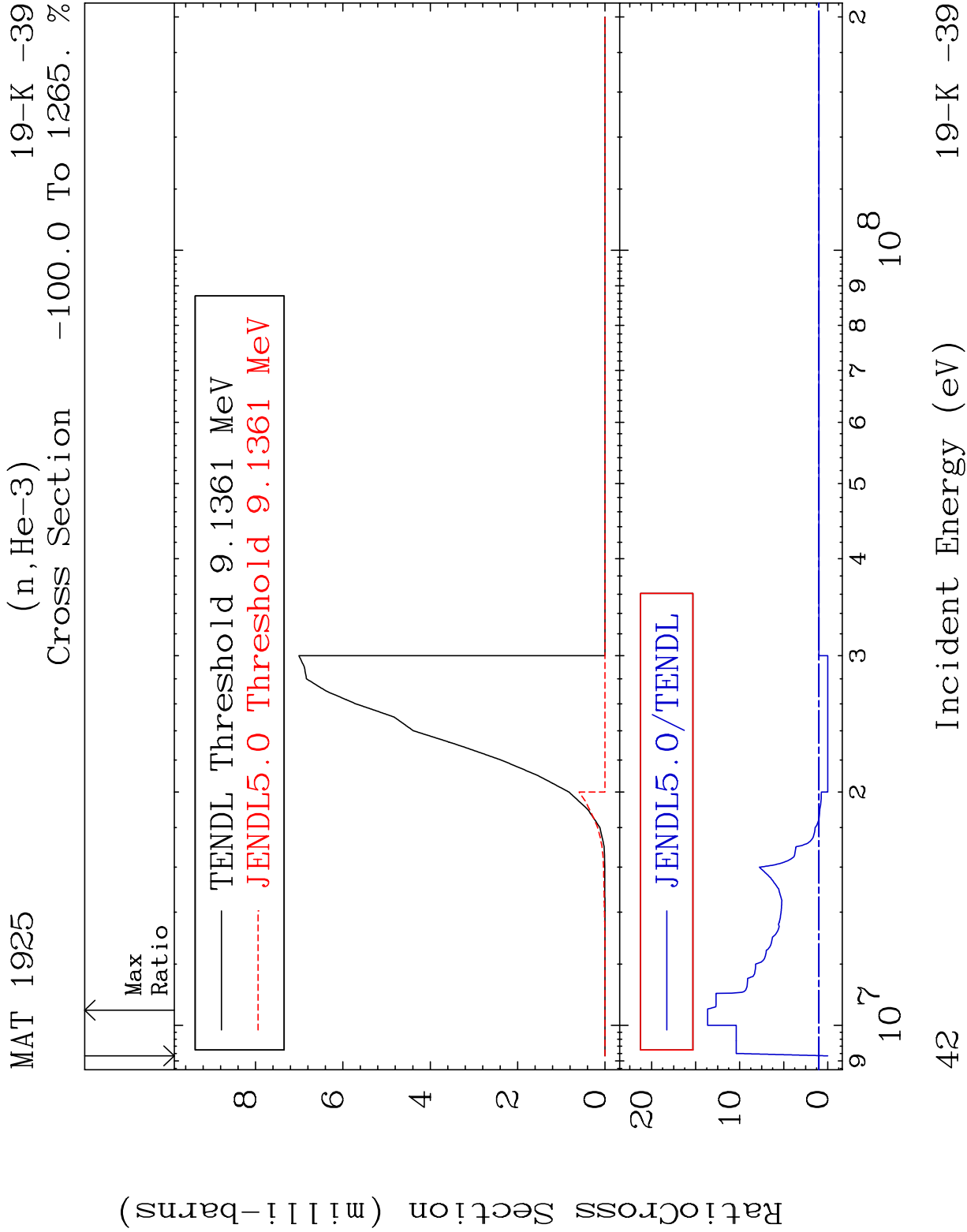


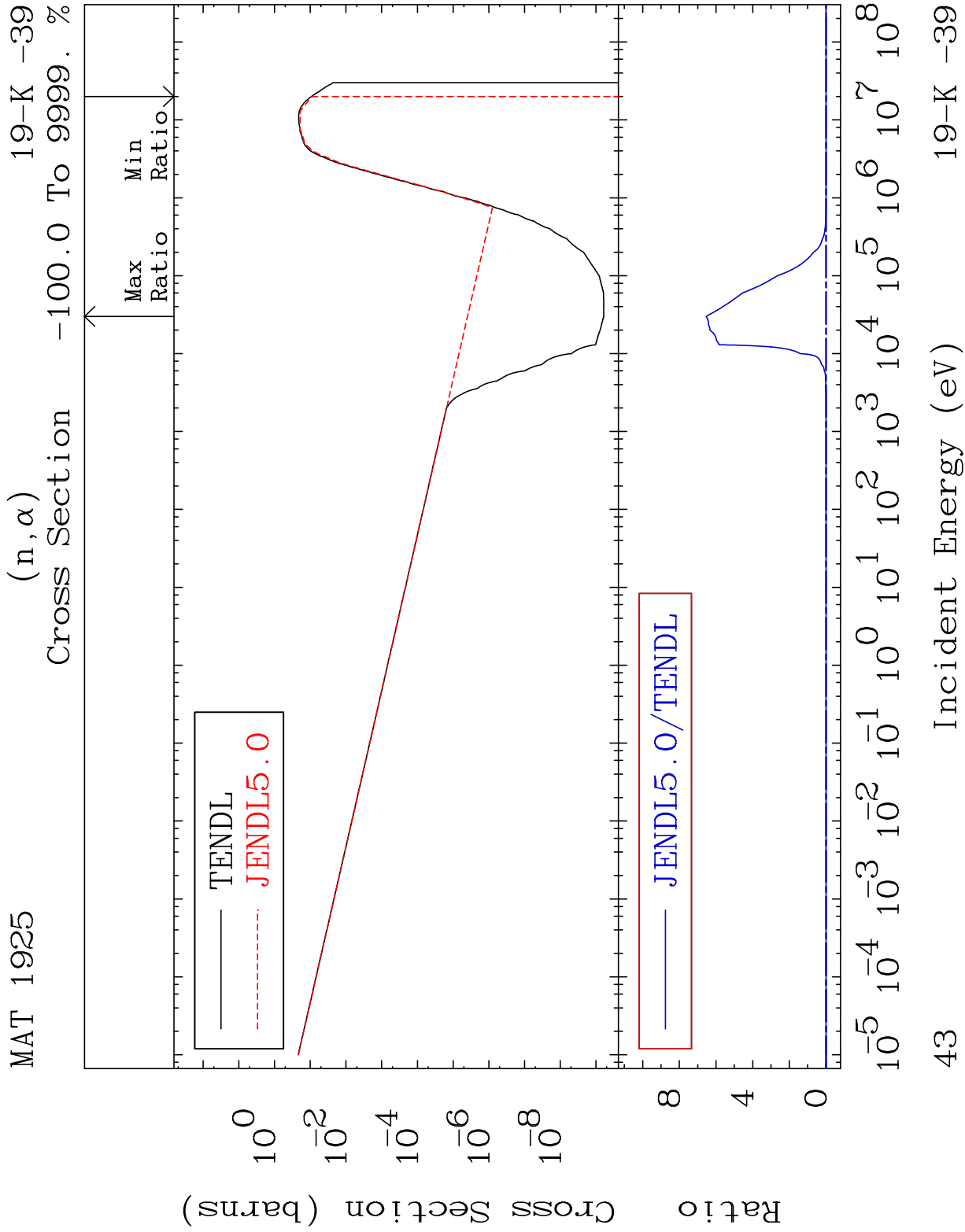


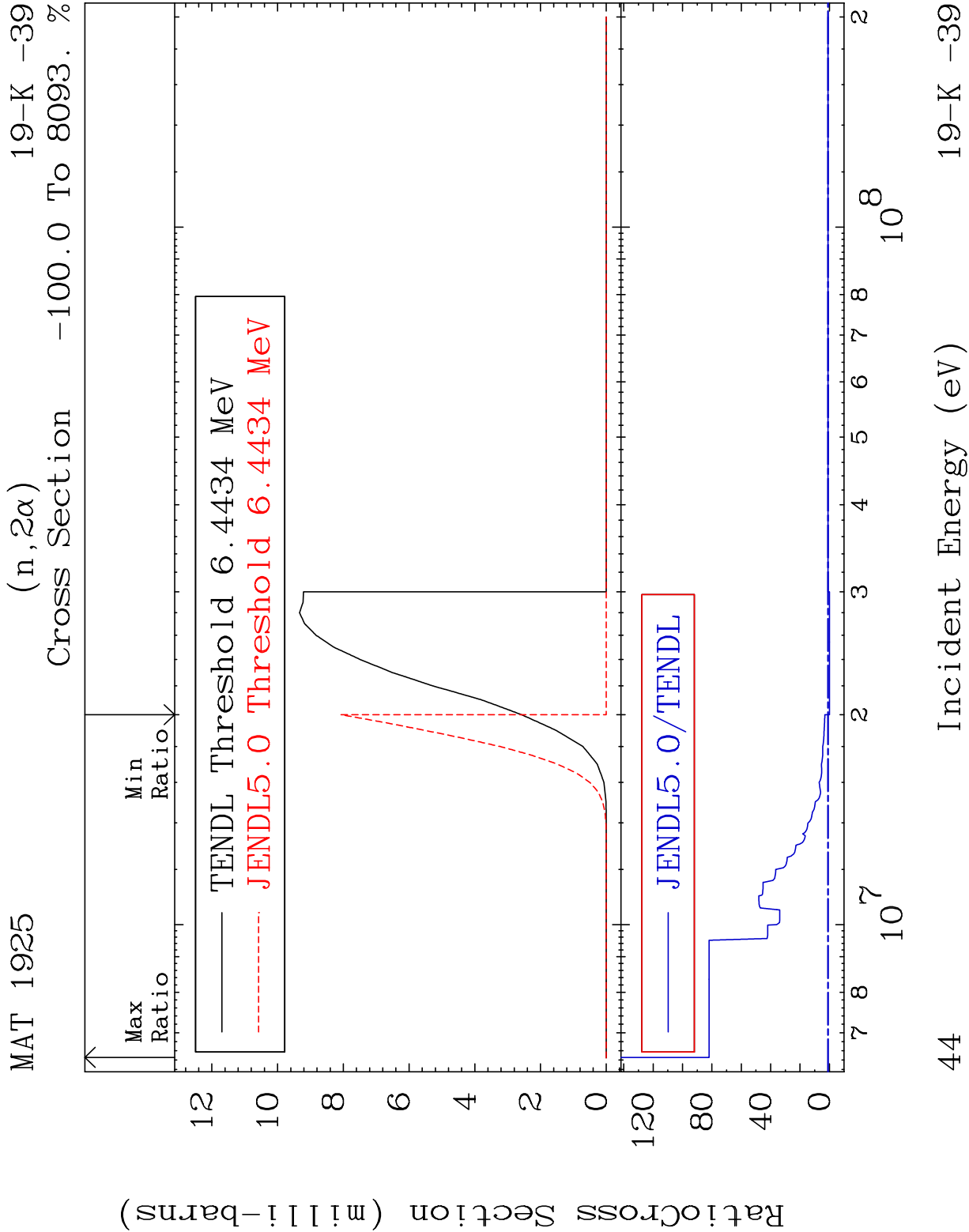


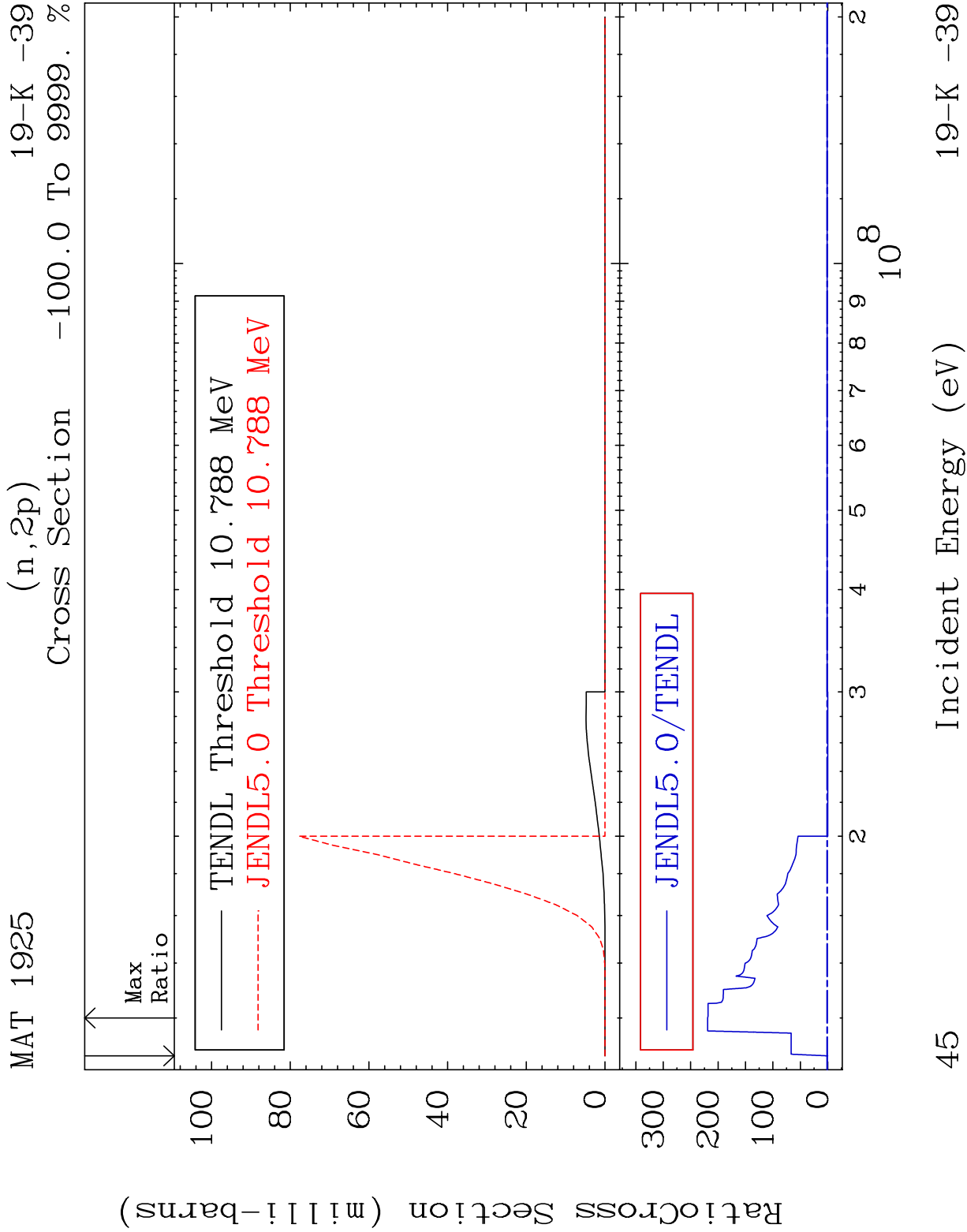


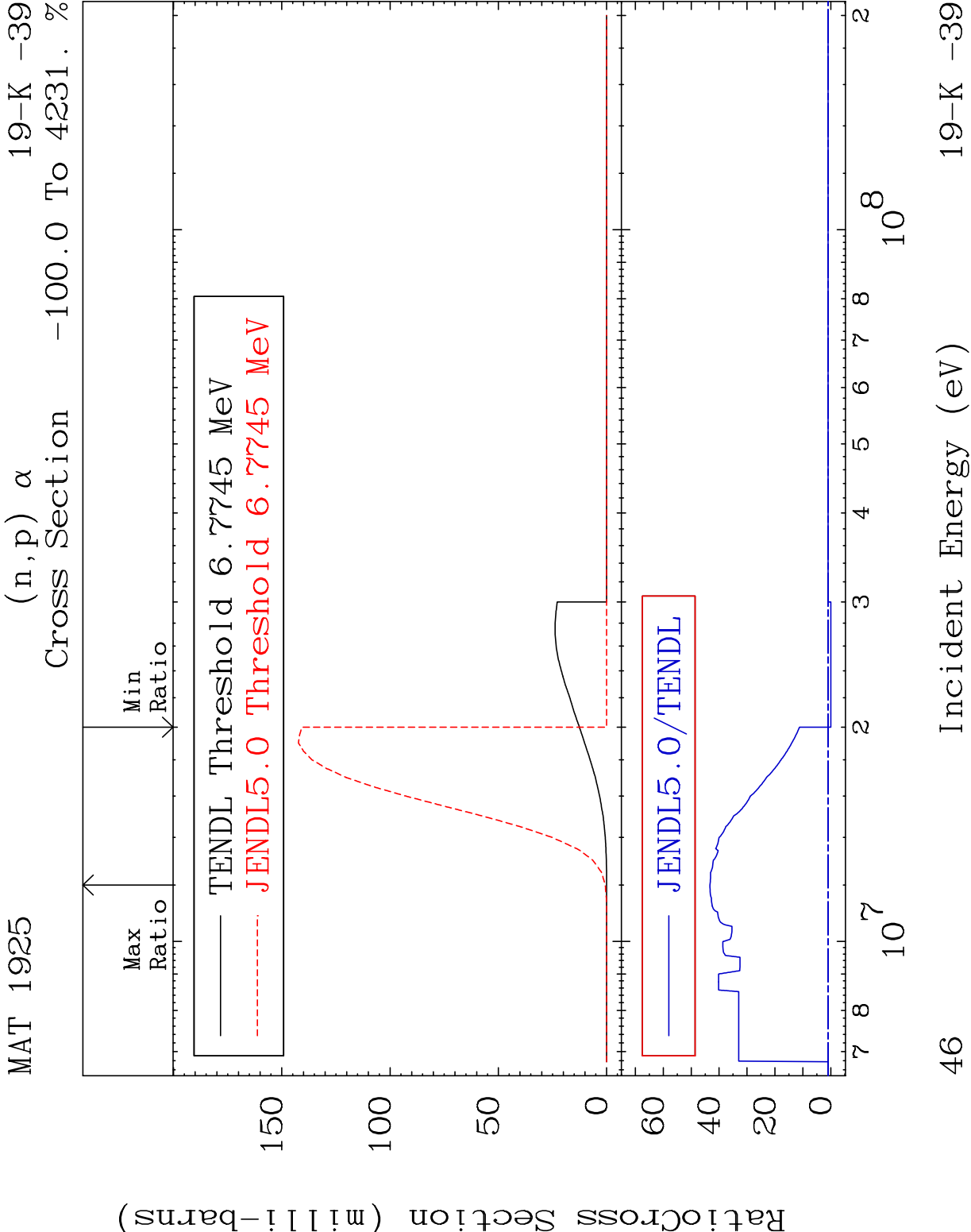


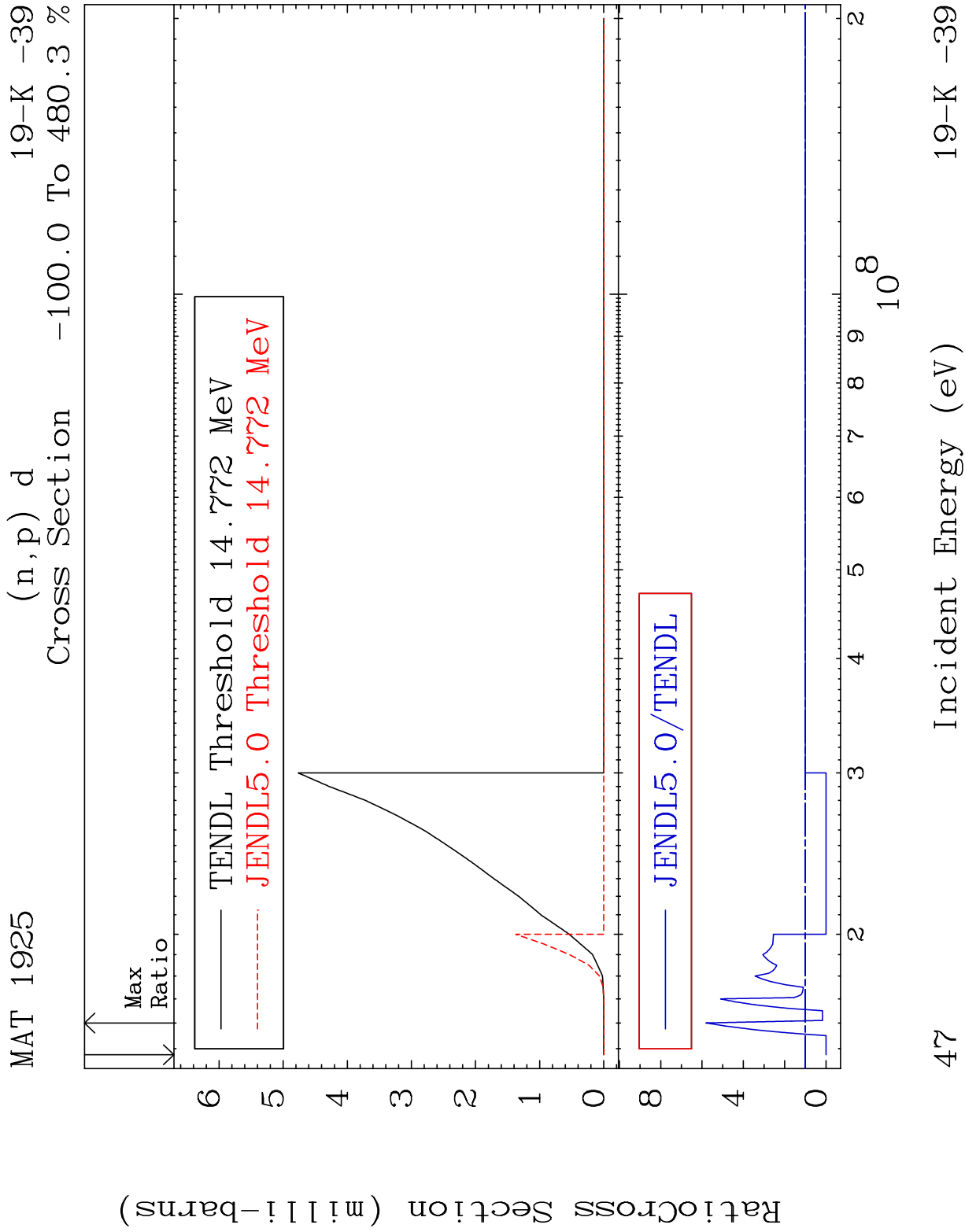


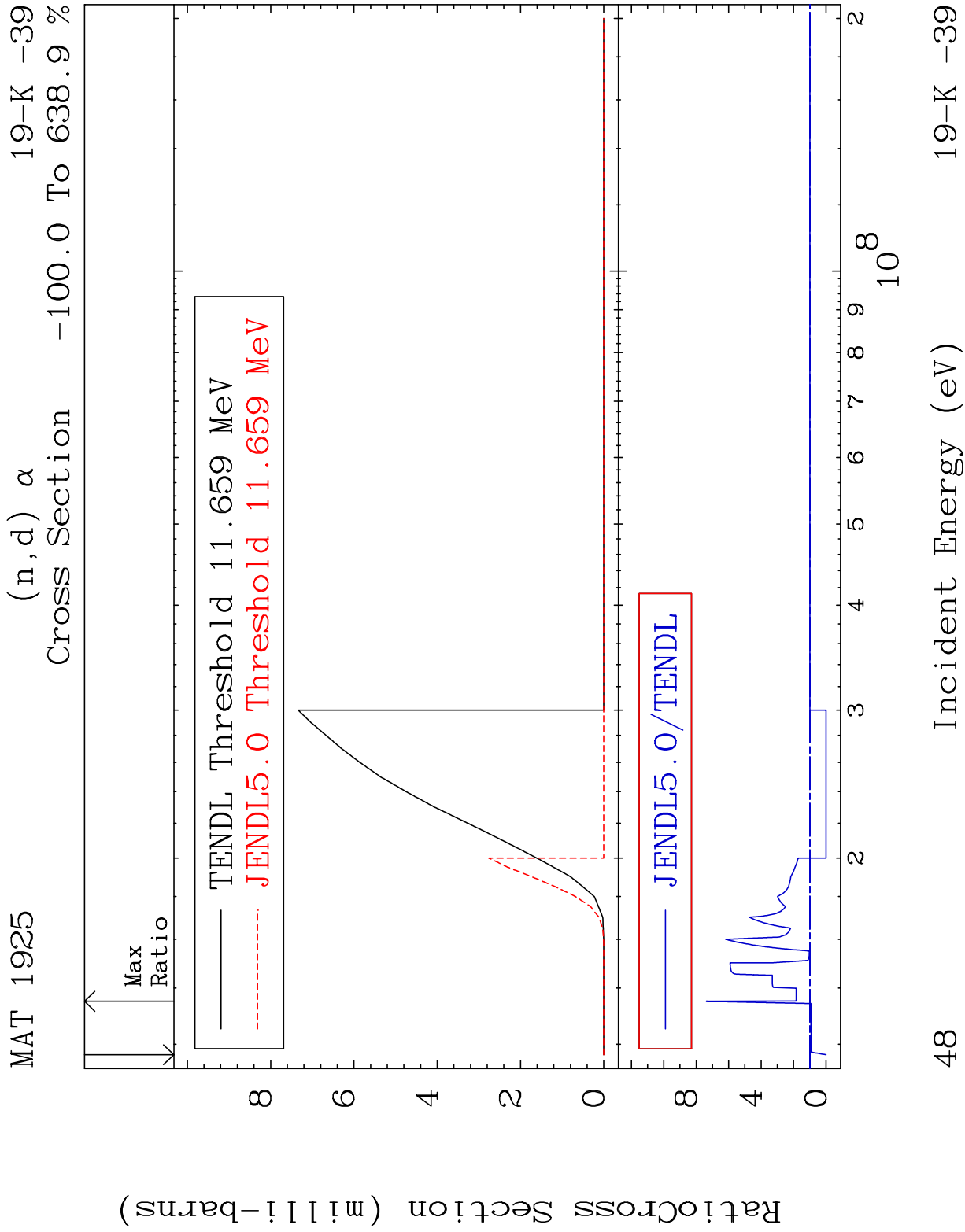


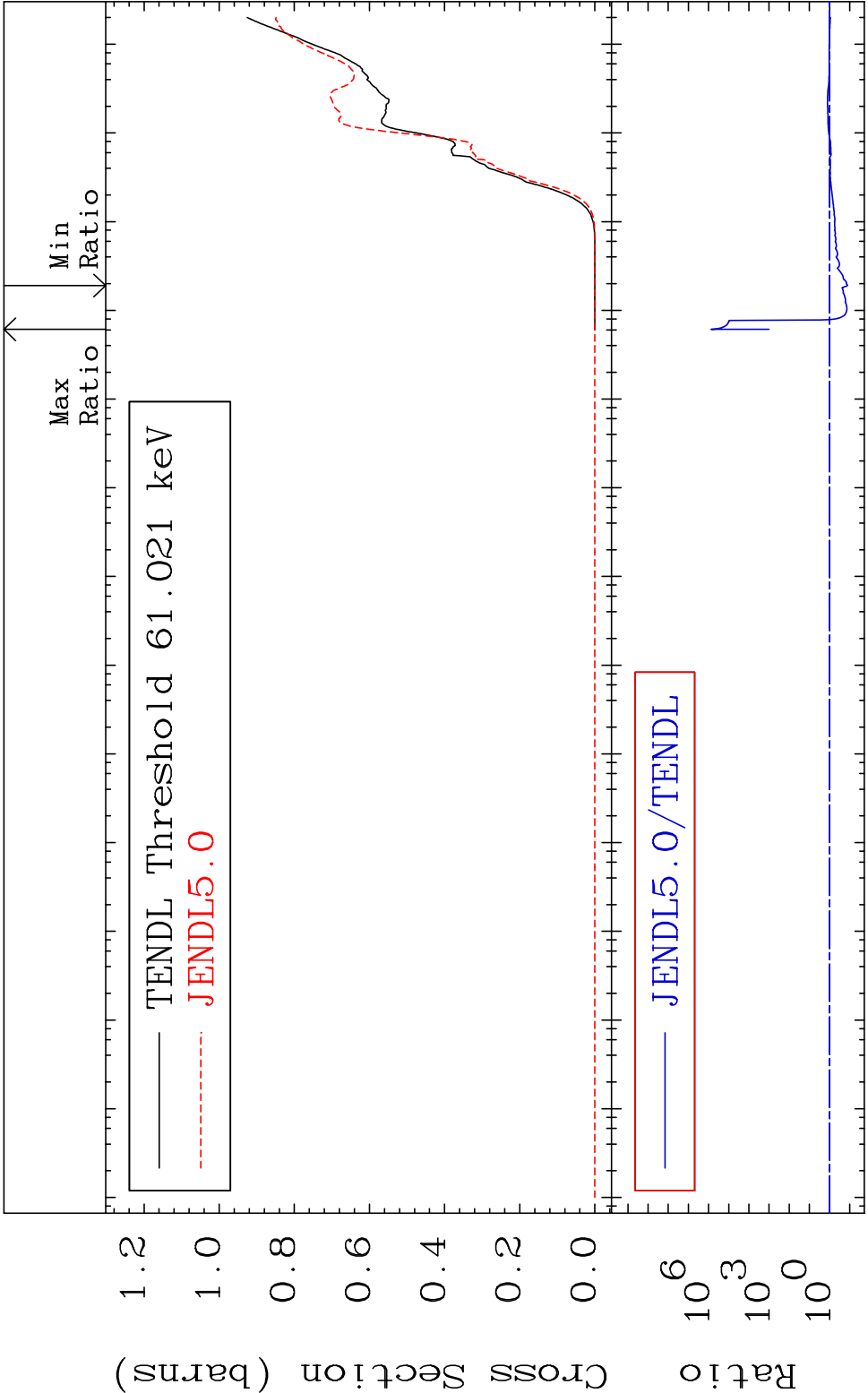




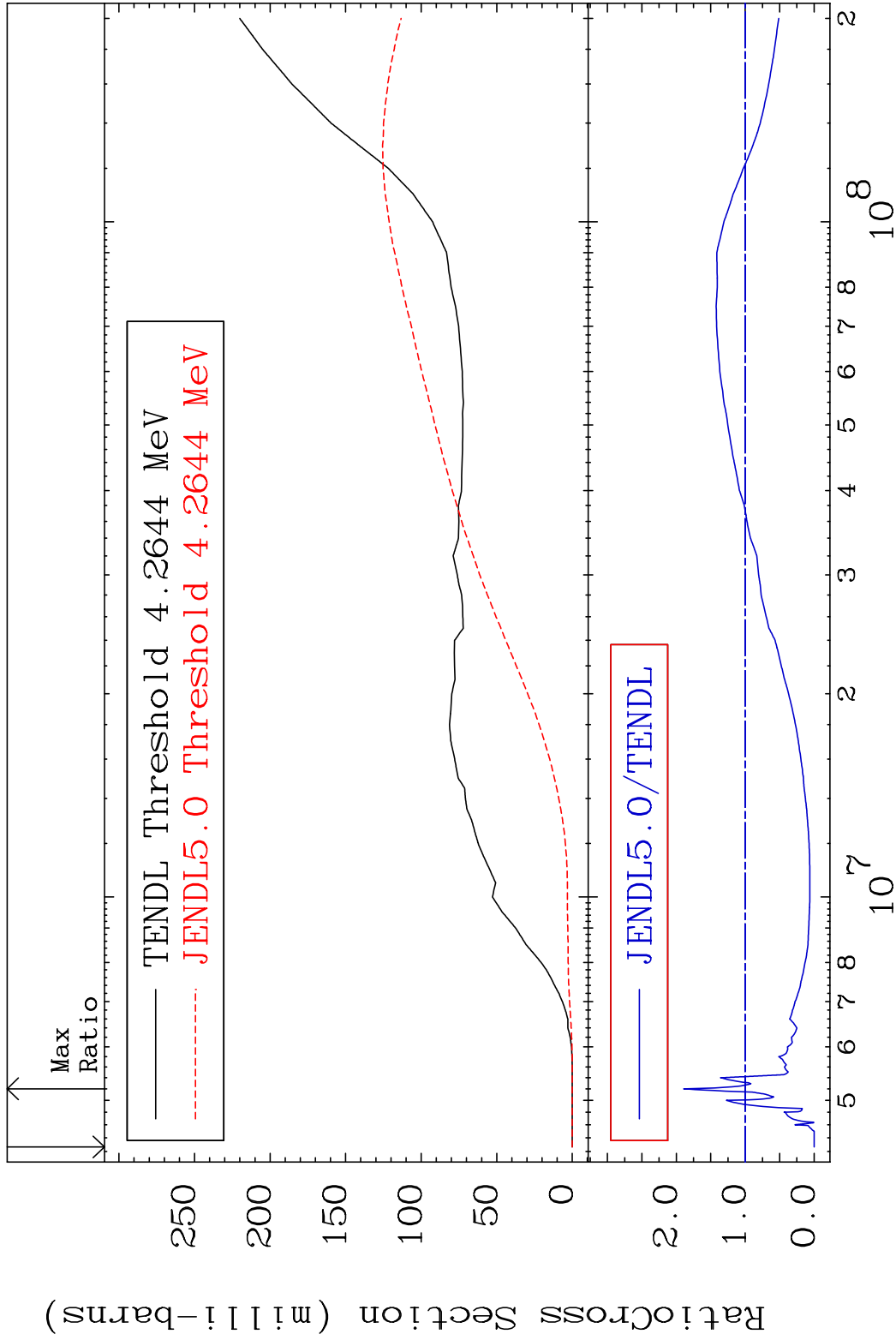






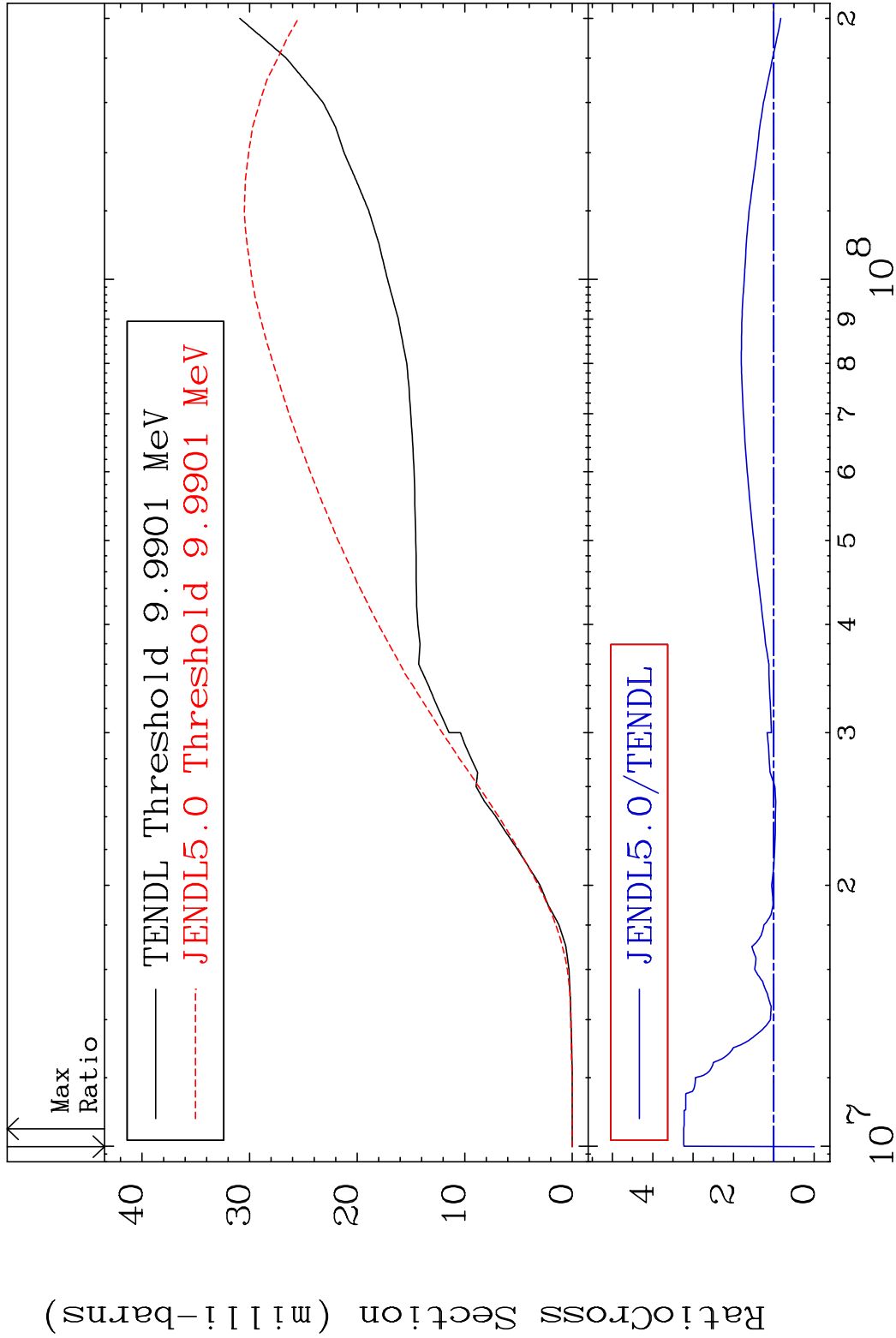


MAT 1925 Deuterium Production 19-K -39
Cross Section -100.0 To 89.35 %

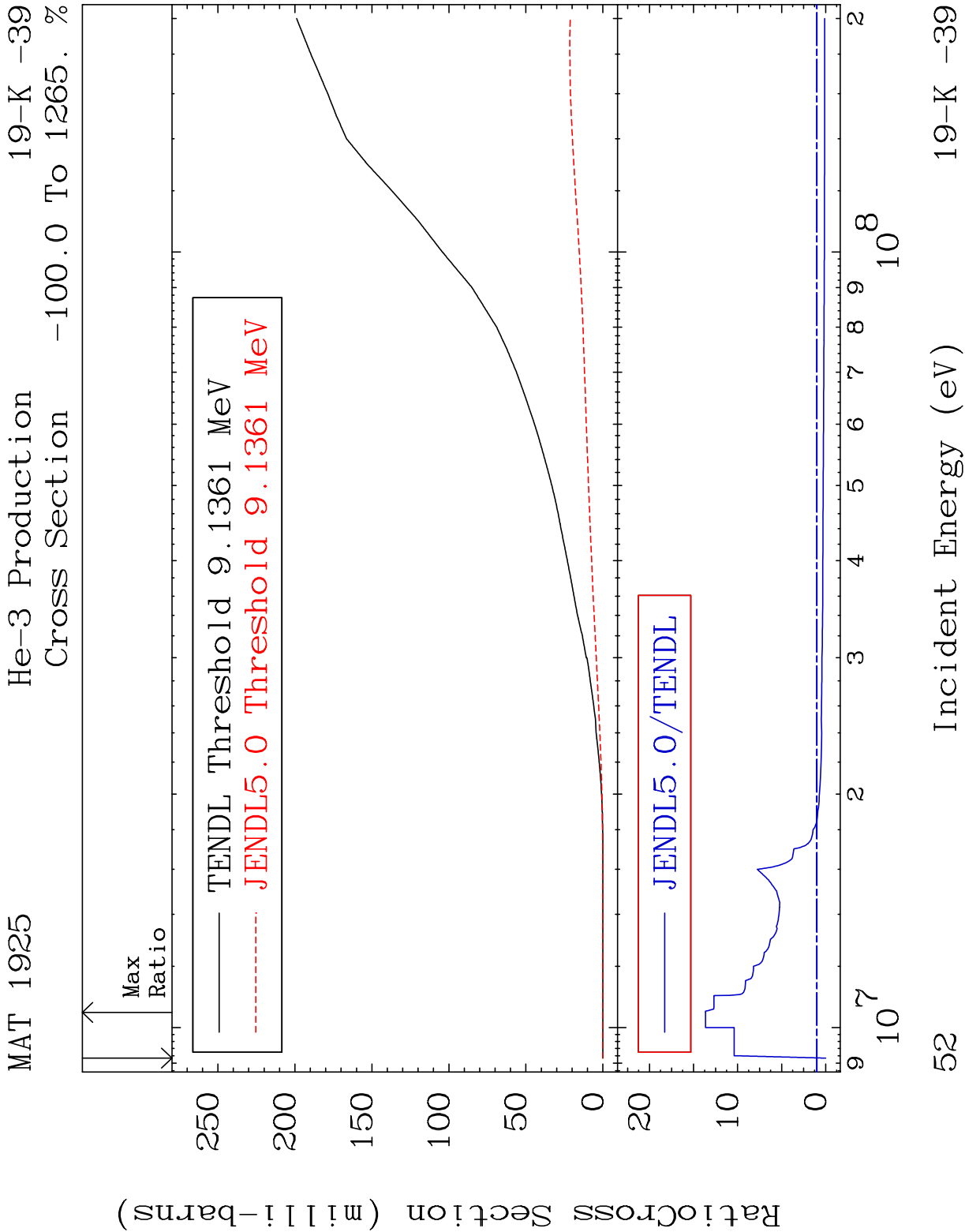


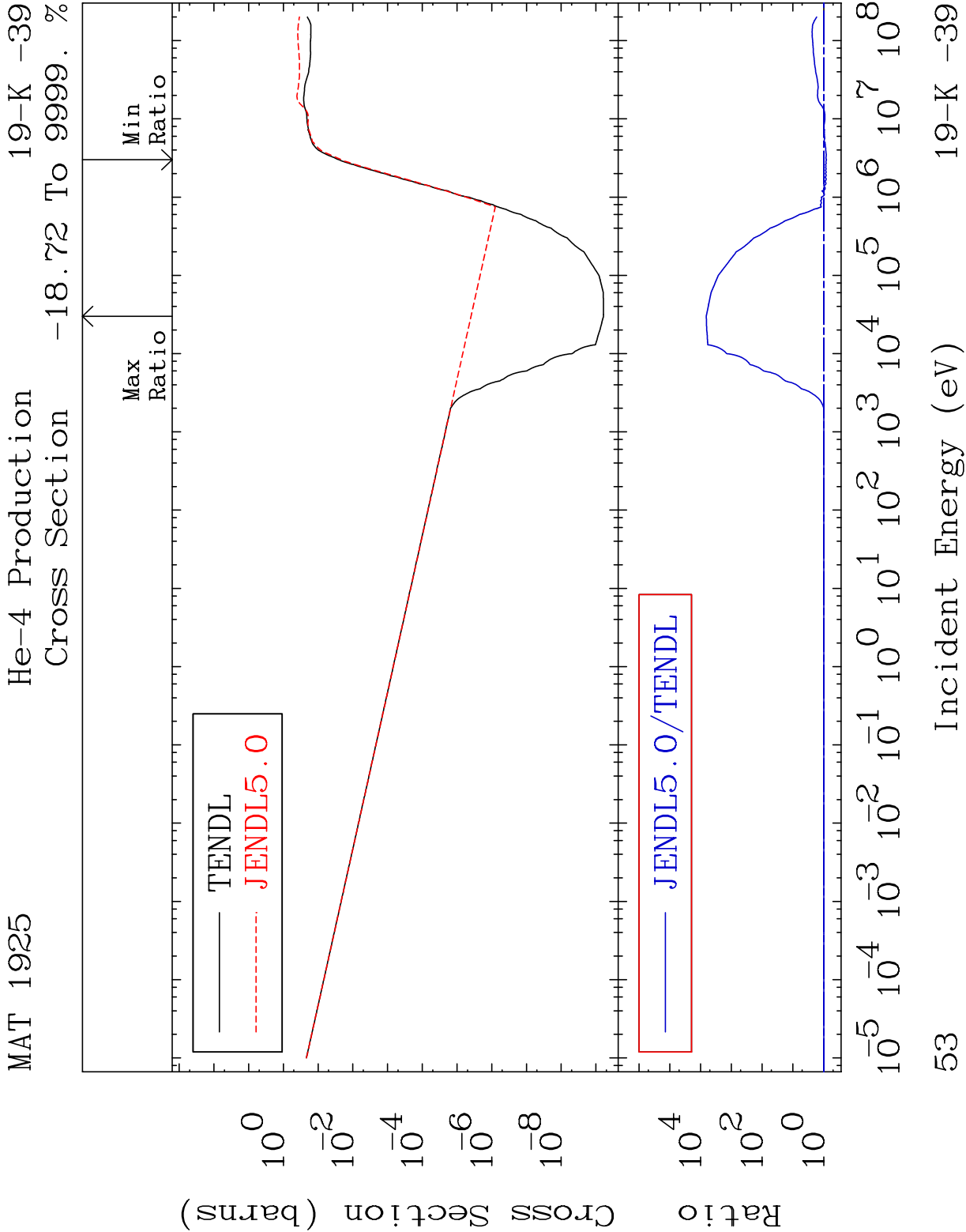
50 Incident Energy (eV) 19-K -39

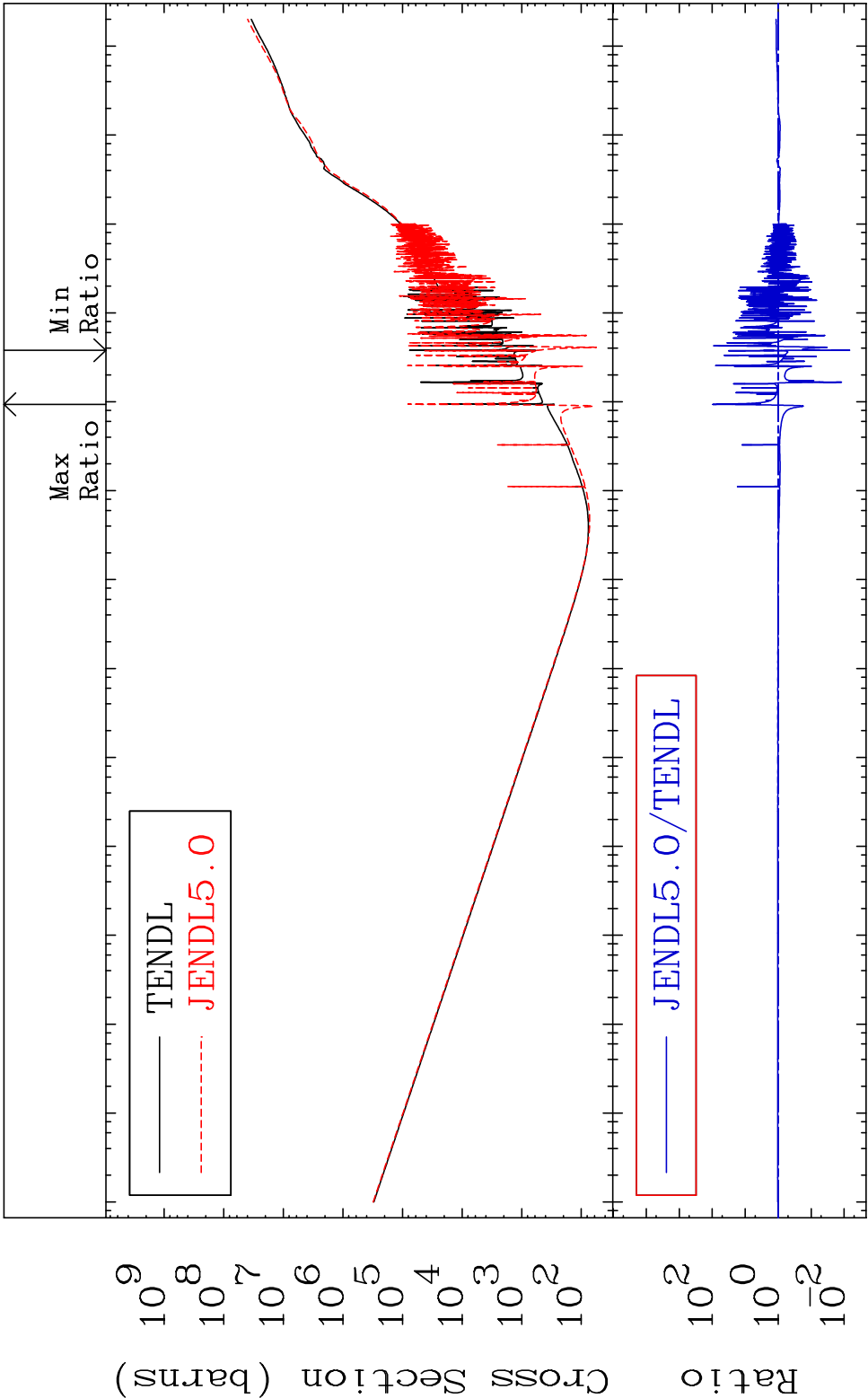
MAT 1925 Tritium Production 19-K -39
Cross Section -100.0 To 223.4 %

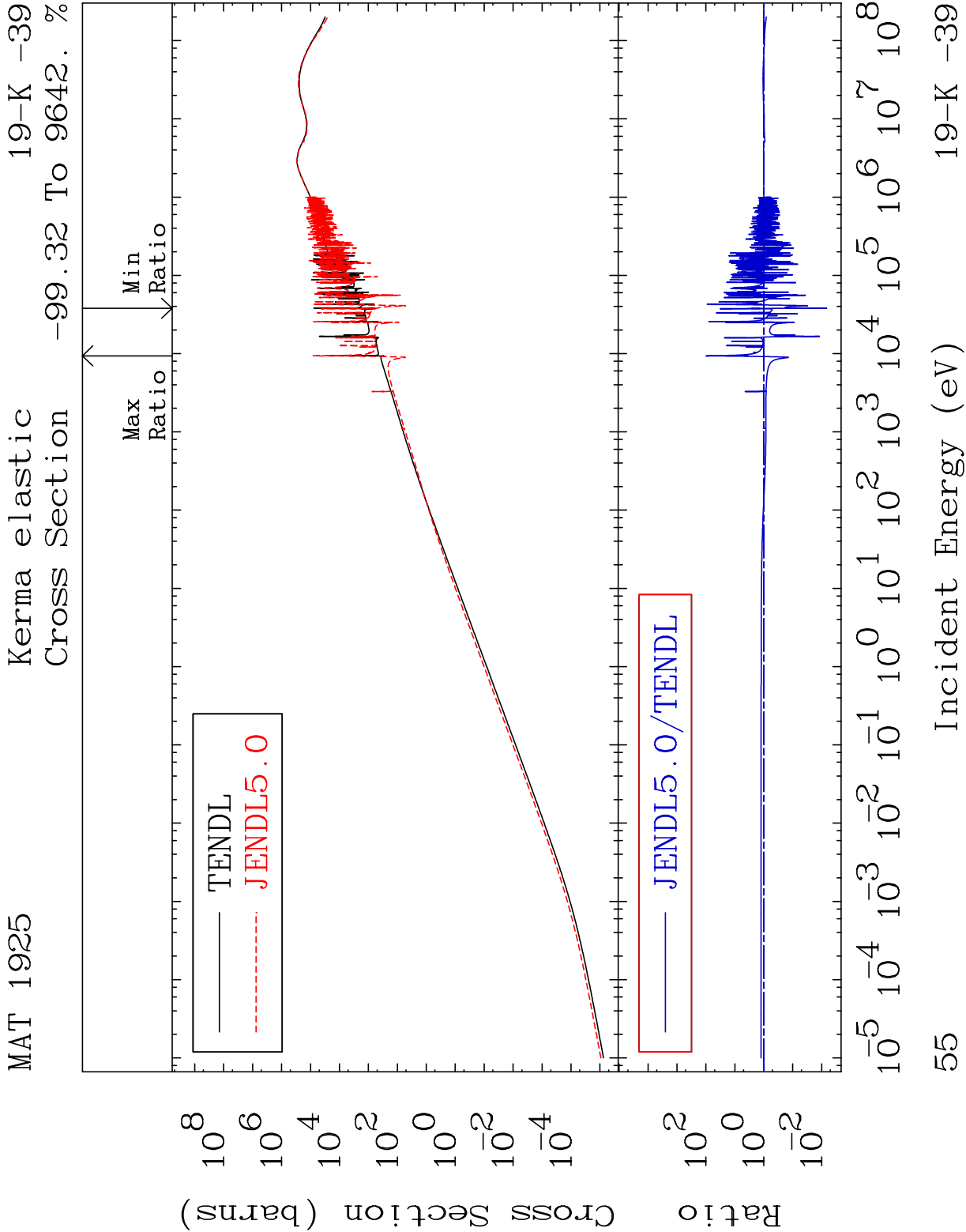


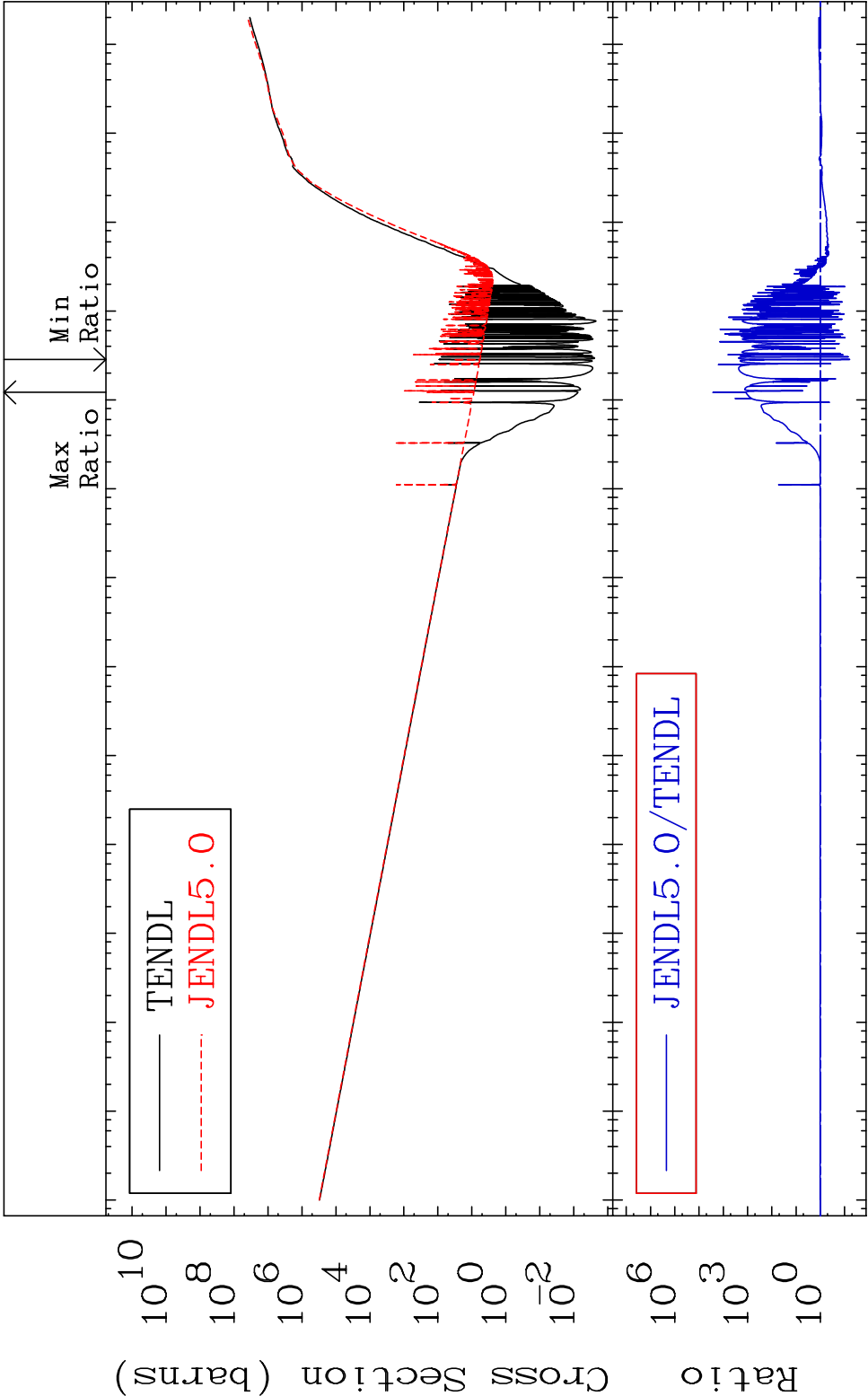
51 19-K -39

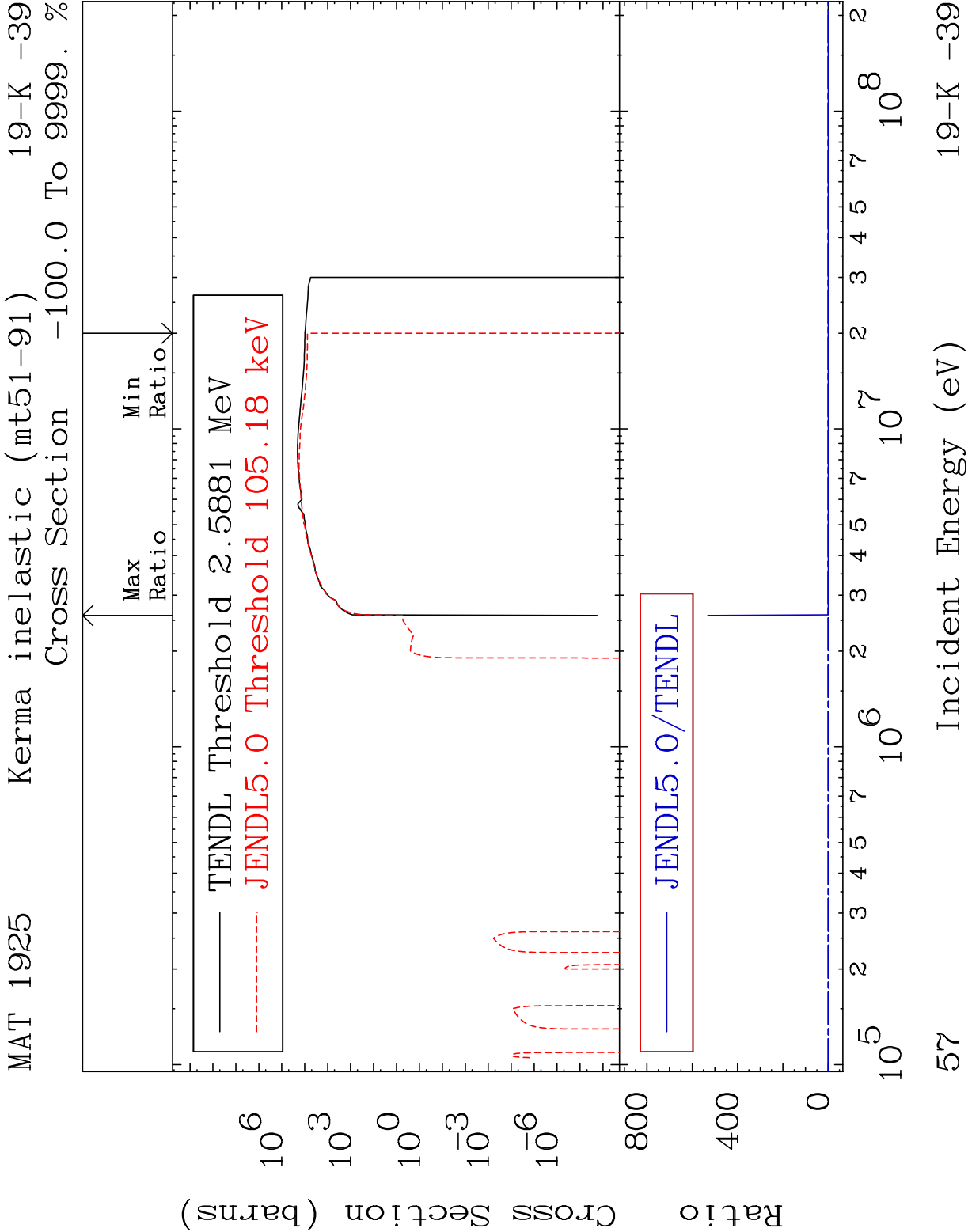




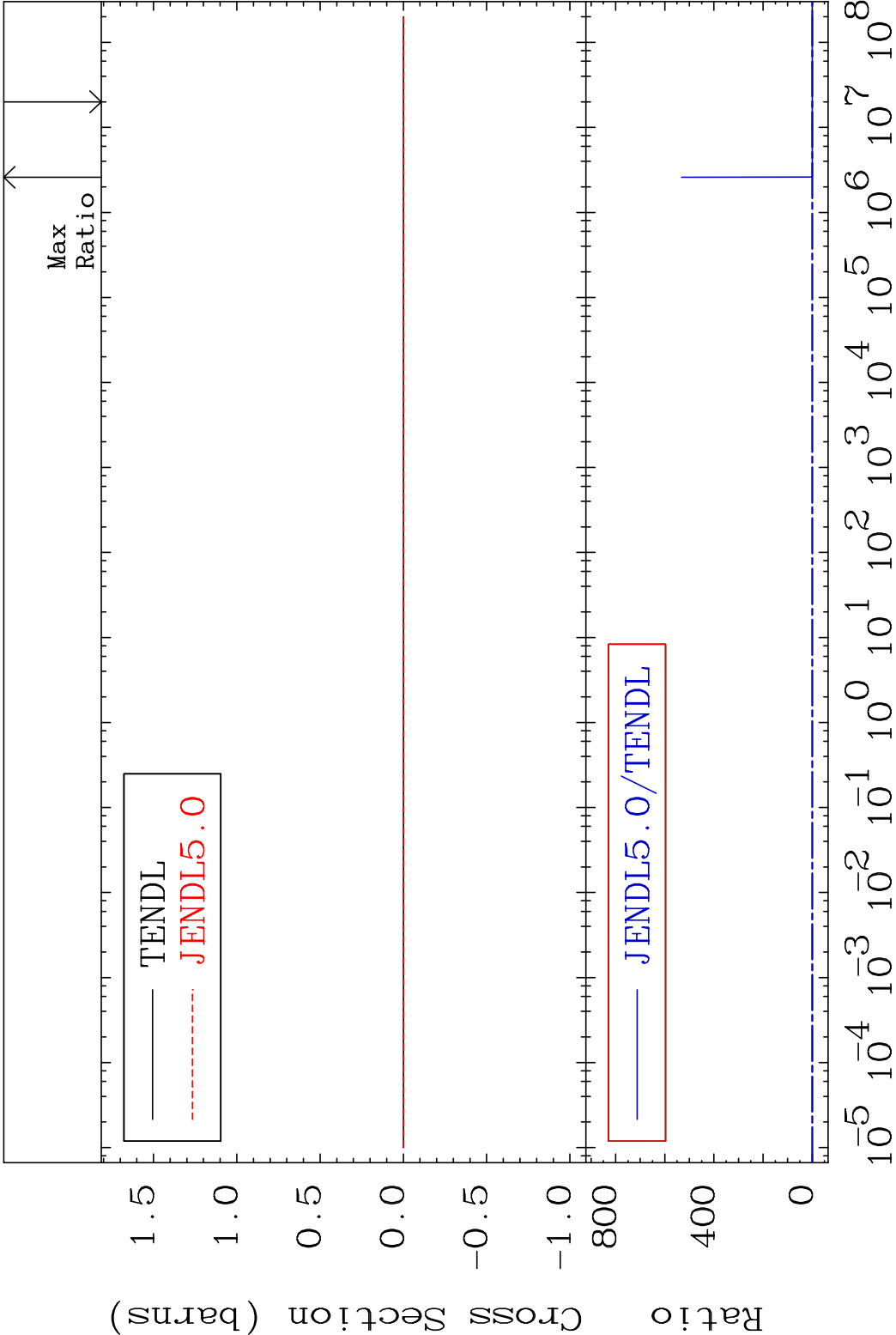


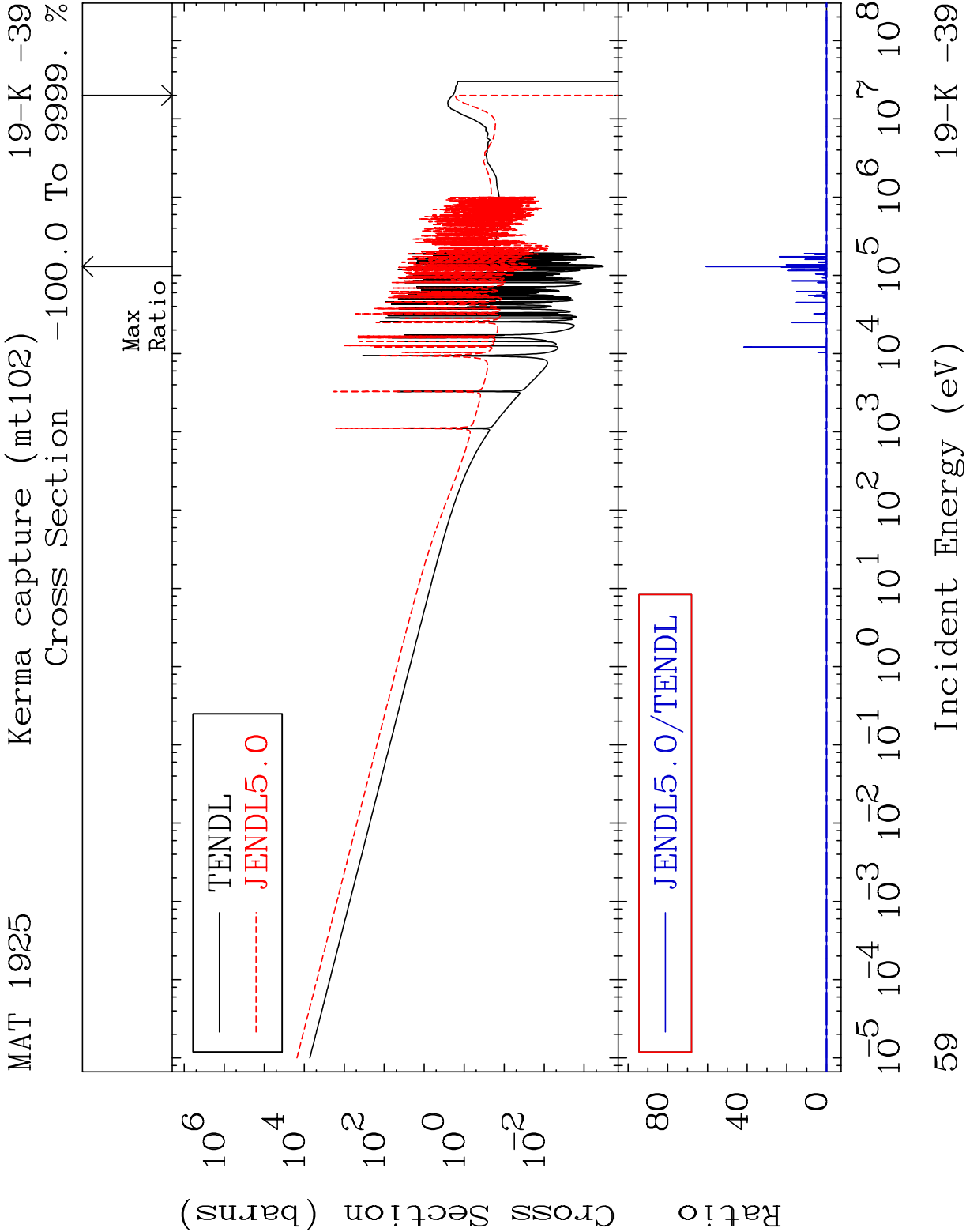


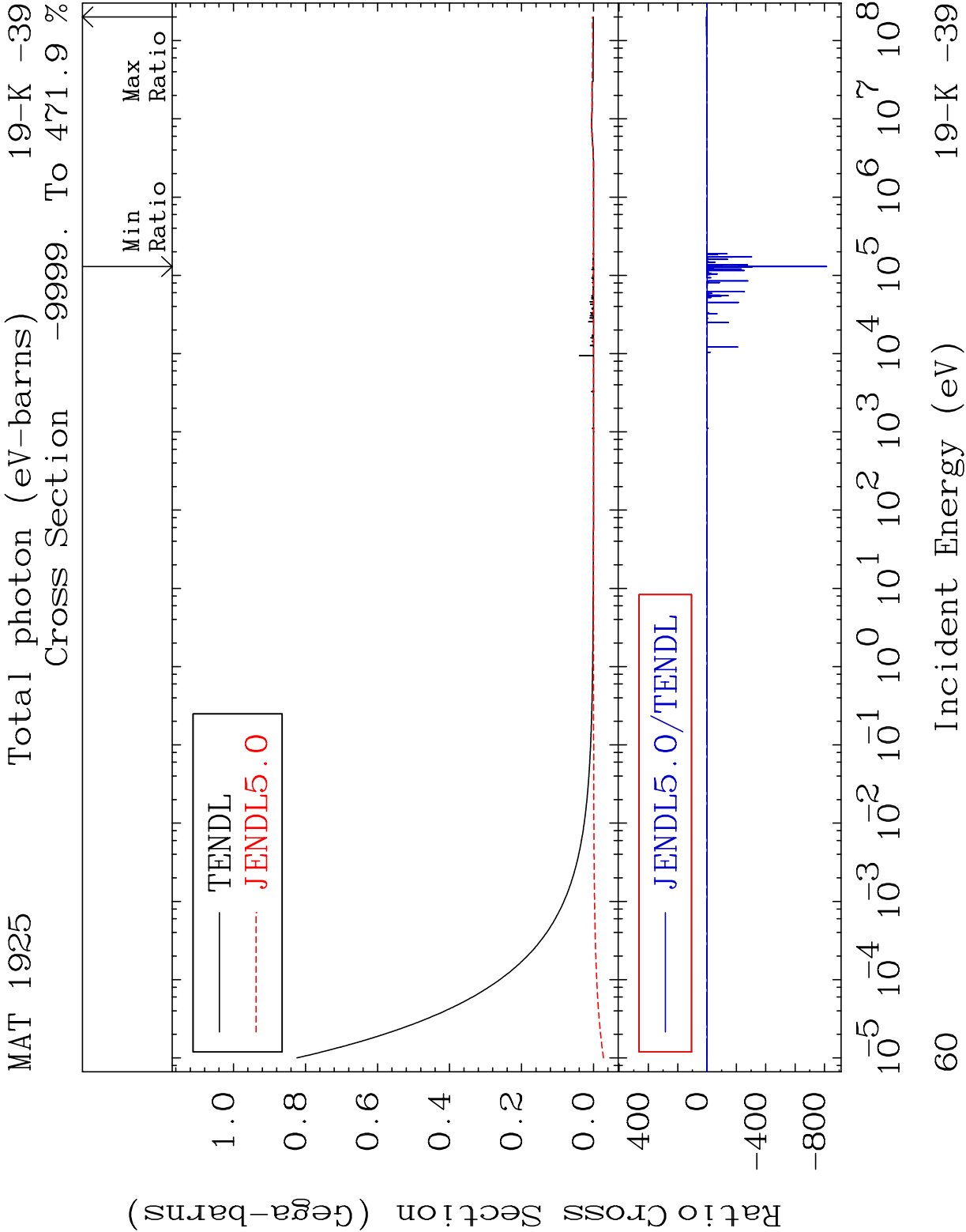




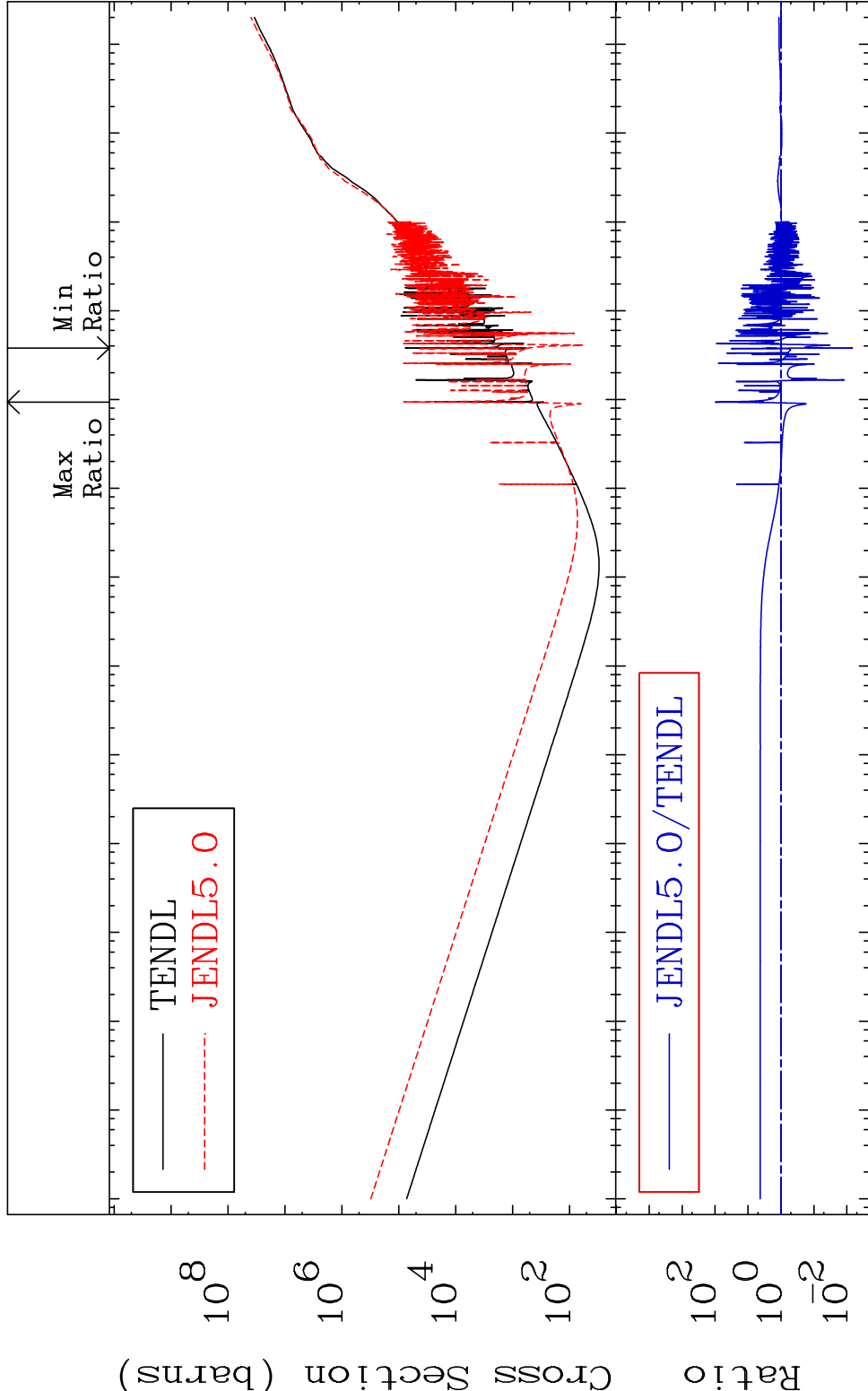
MAT 1925 Kerma fission (mt18 or mt19-20-21-38) 19-K -39
Cross Section -100.0 To 9999. %







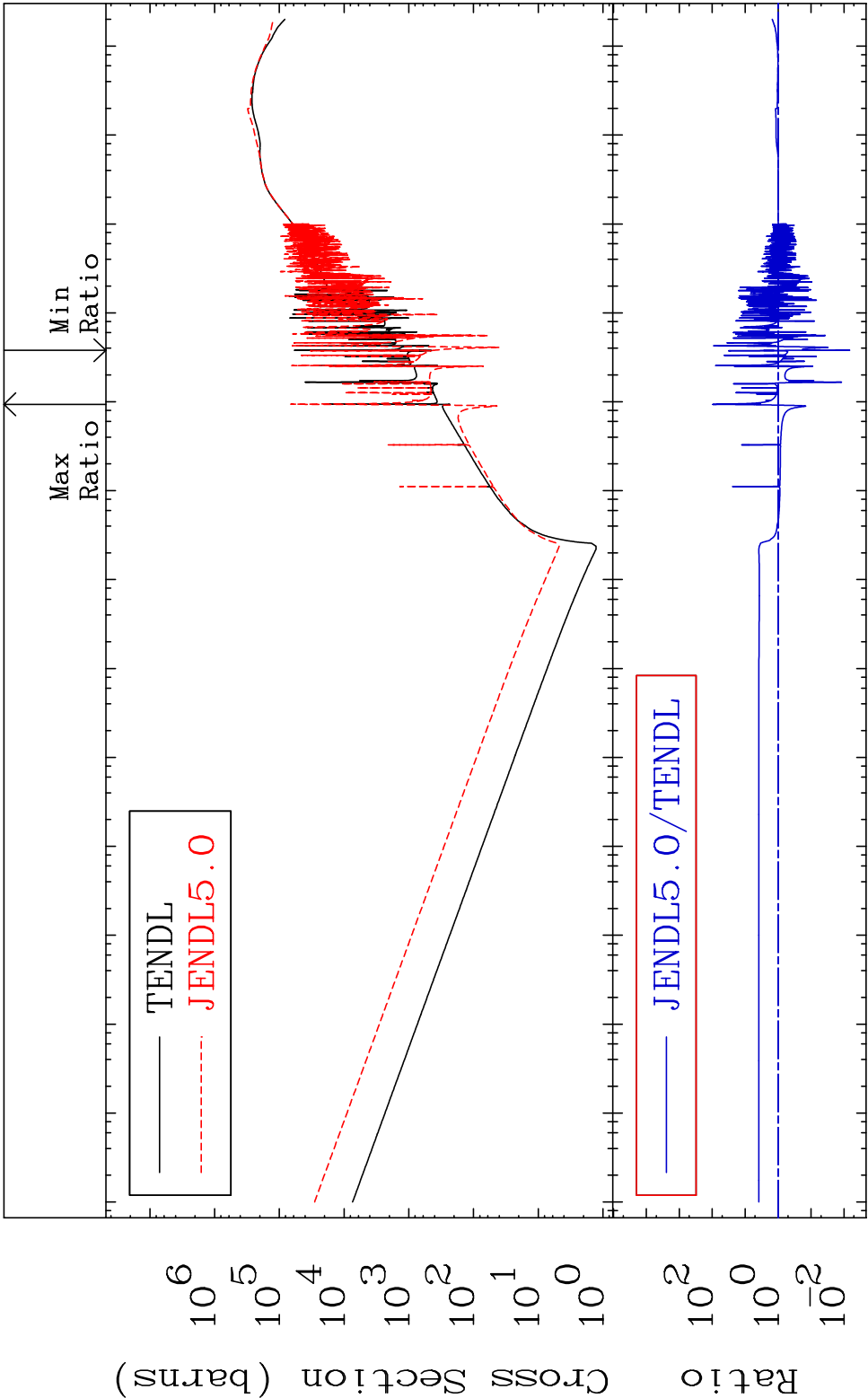
MAT 1925 Total kinematic kerma (high limit) 19-K -39
Cross Section -99.31 To 9501. %



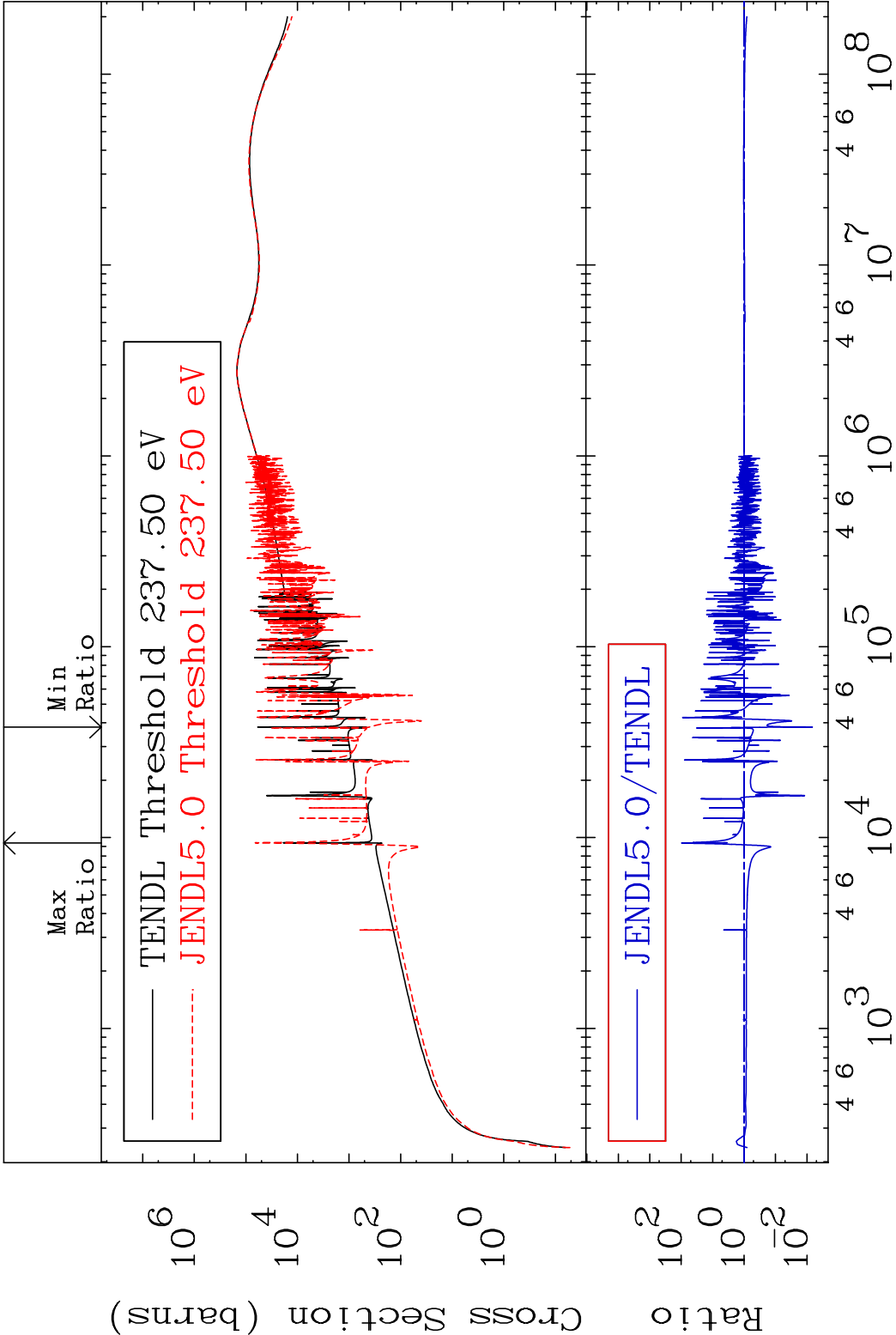
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

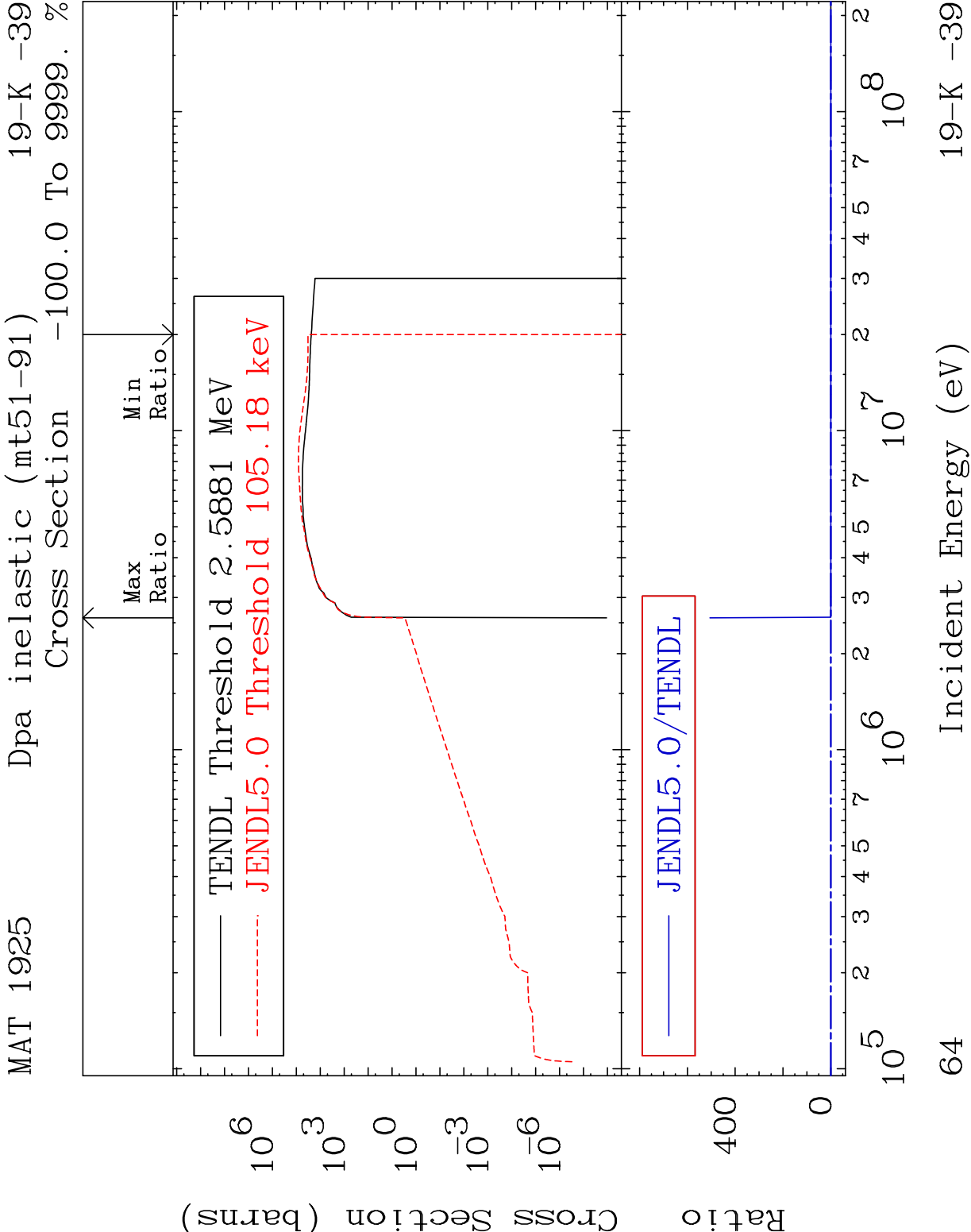
61 Incident Energy (eV) 19-K -39

MAT 1925 Dpa total (eV-barns) 19-K -39
Cross Section -99.32 To 9498. %



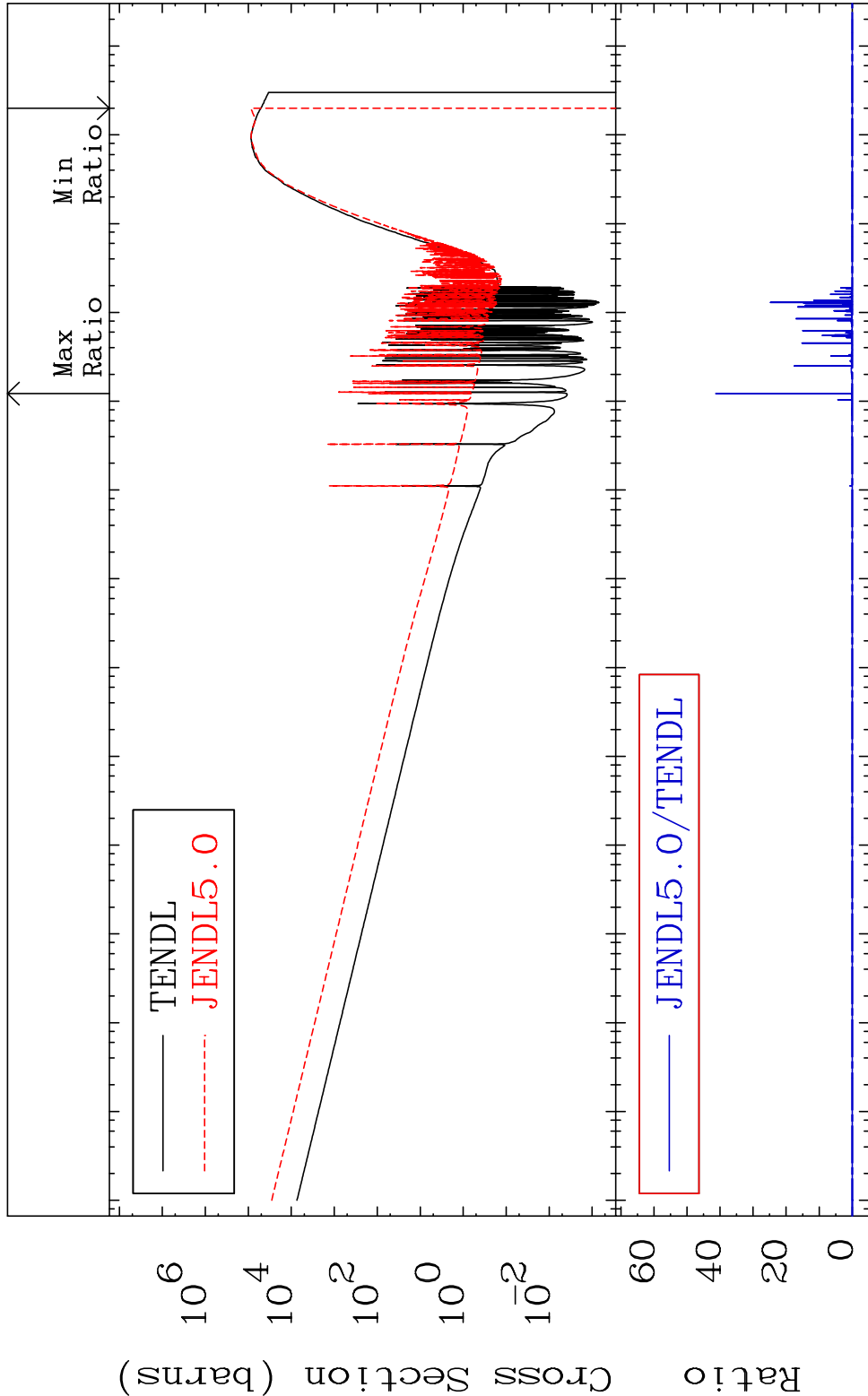
62 Incident Energy (eV) 19-K -39





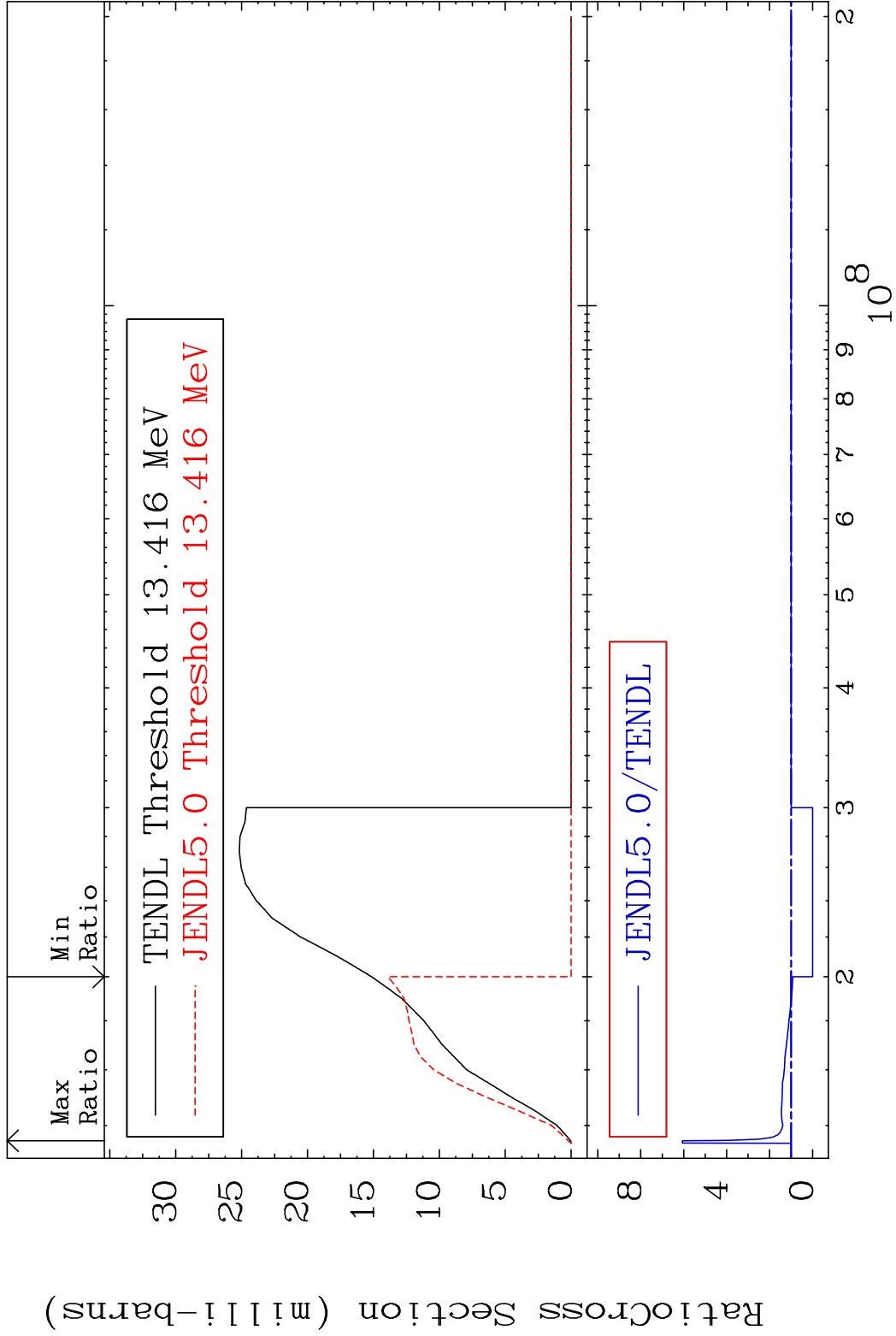
MAT 1925 Dpa disappearance (mt102 -120) 19-K -39

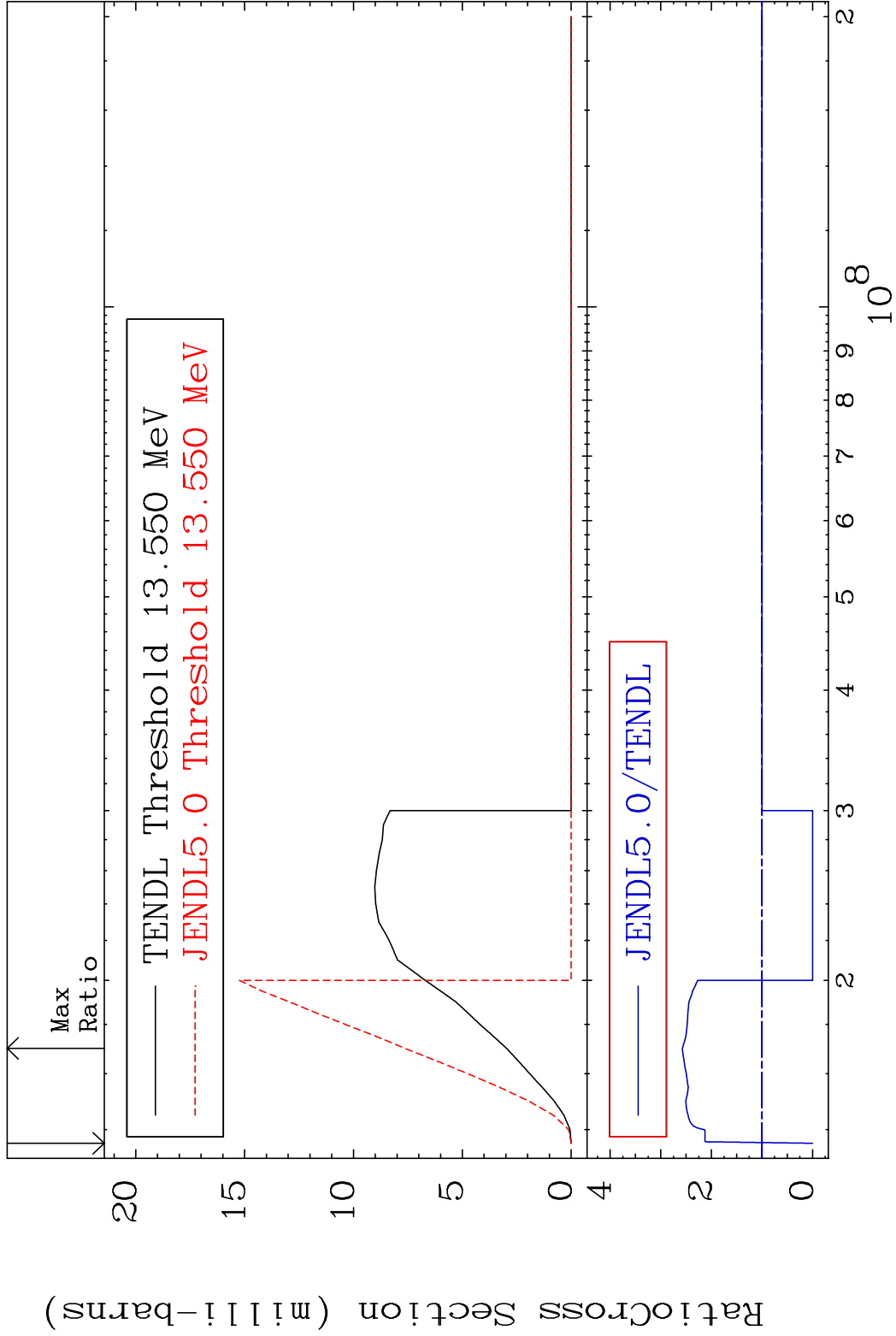
Cross Section -100.0 To 9999. %



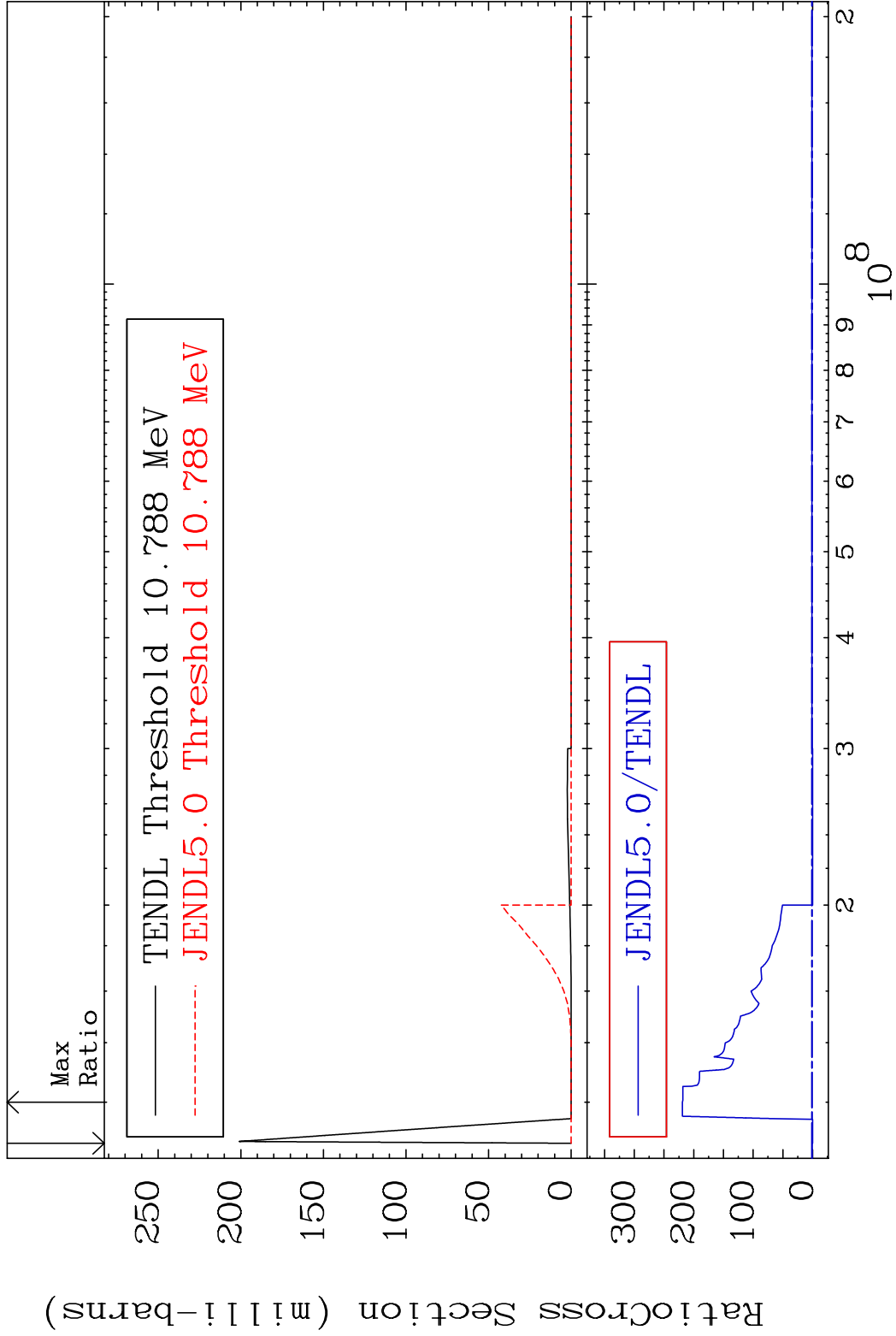
65 Incident Energy (eV) 19-K -39

Radionuclide Production Cross Section (mb)

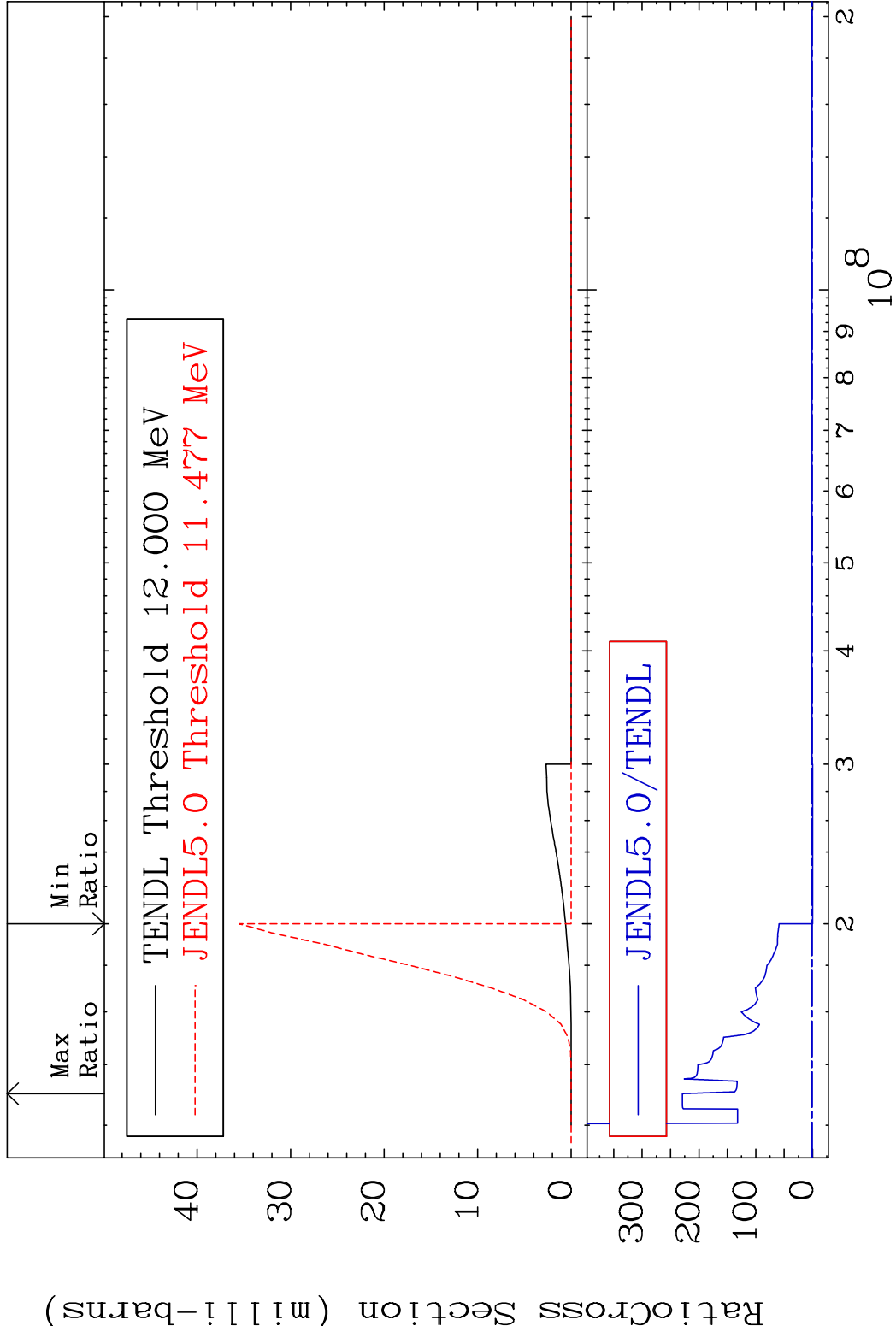


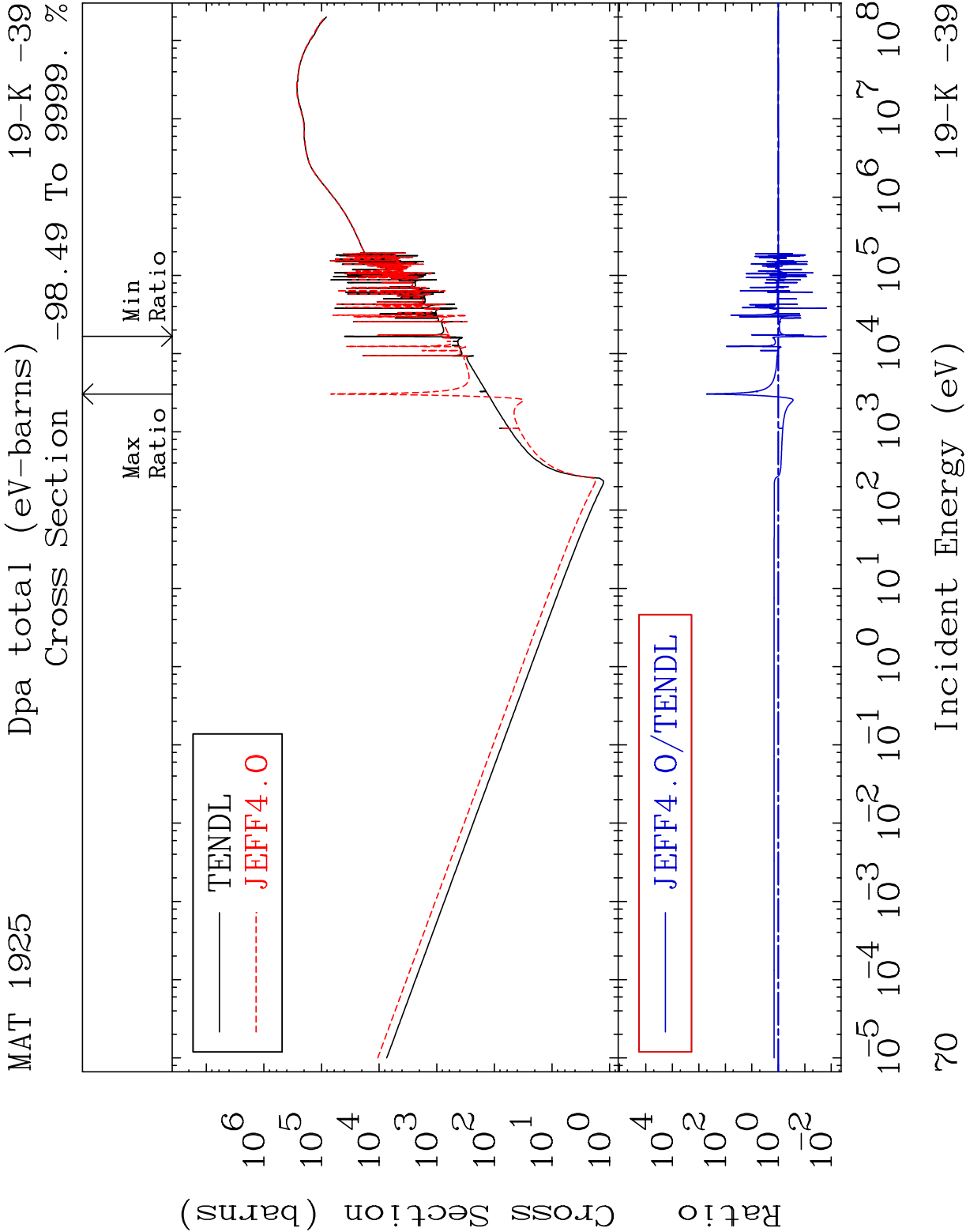


Radionuclide Production Cross Section (mb) 10000 9999 . %



Radionuclide Production Cross Section (mb)



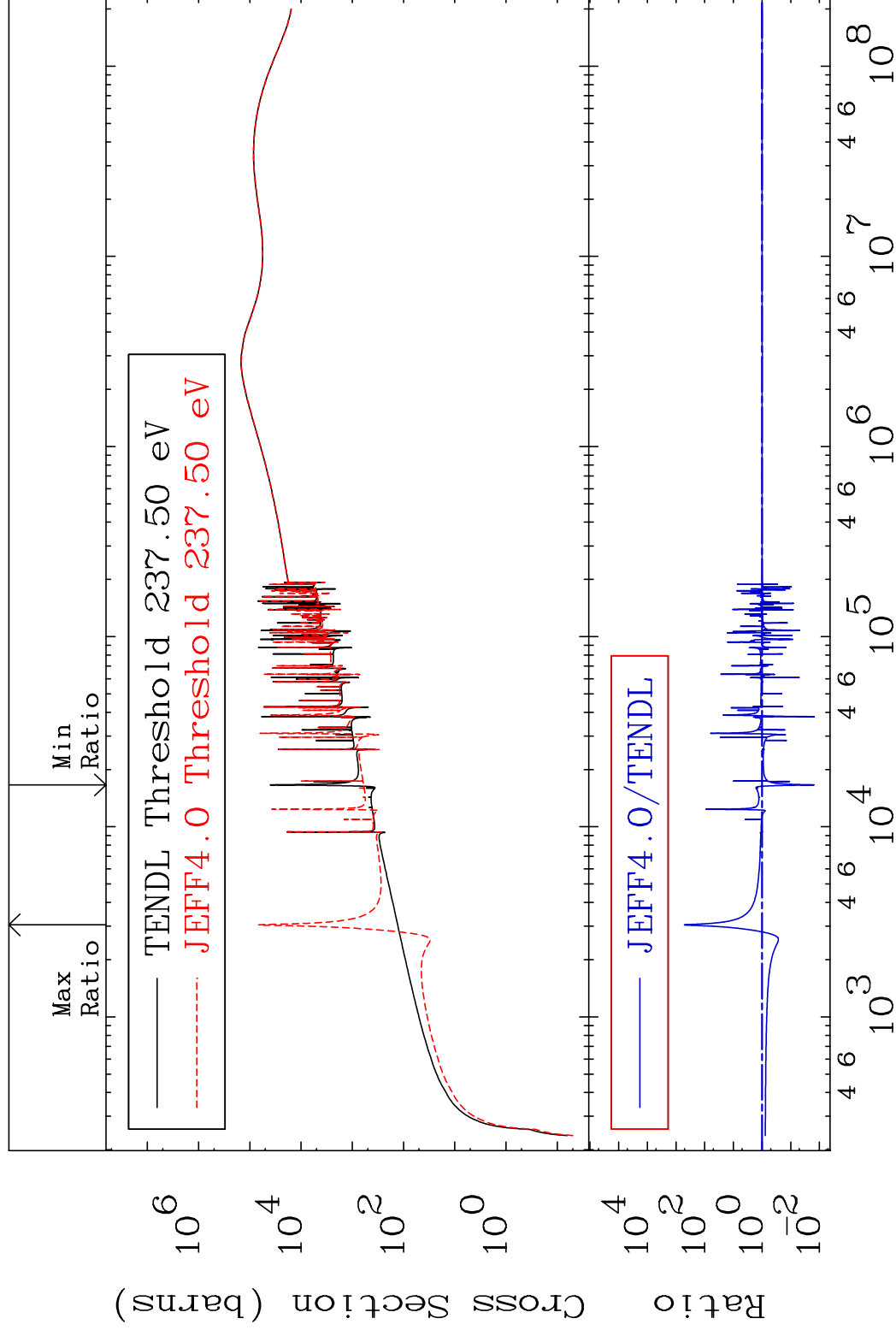


MAT 1925

Dpa elastic (mt2)

19-K -39

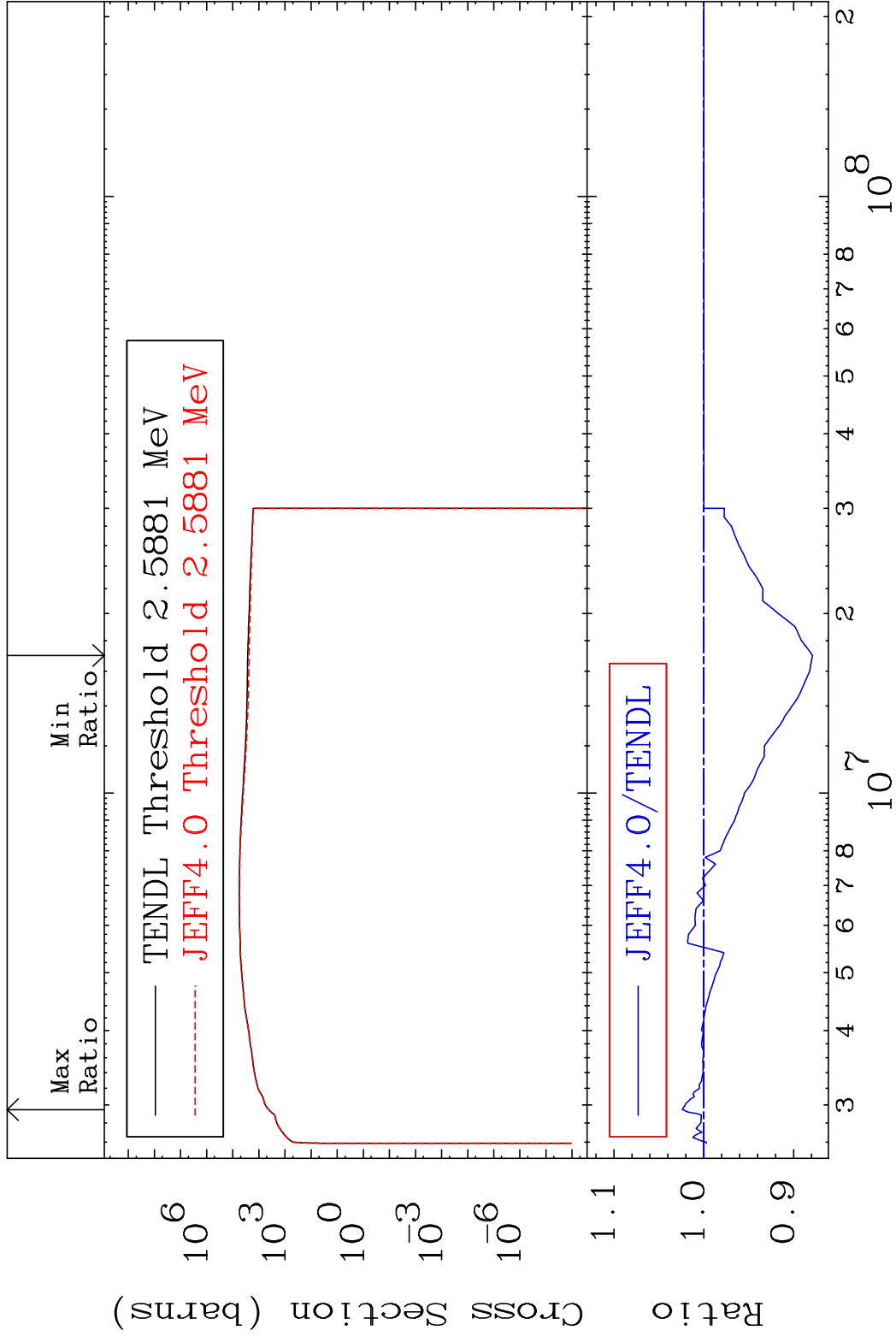
Cross Section -98.49 To 9999. %



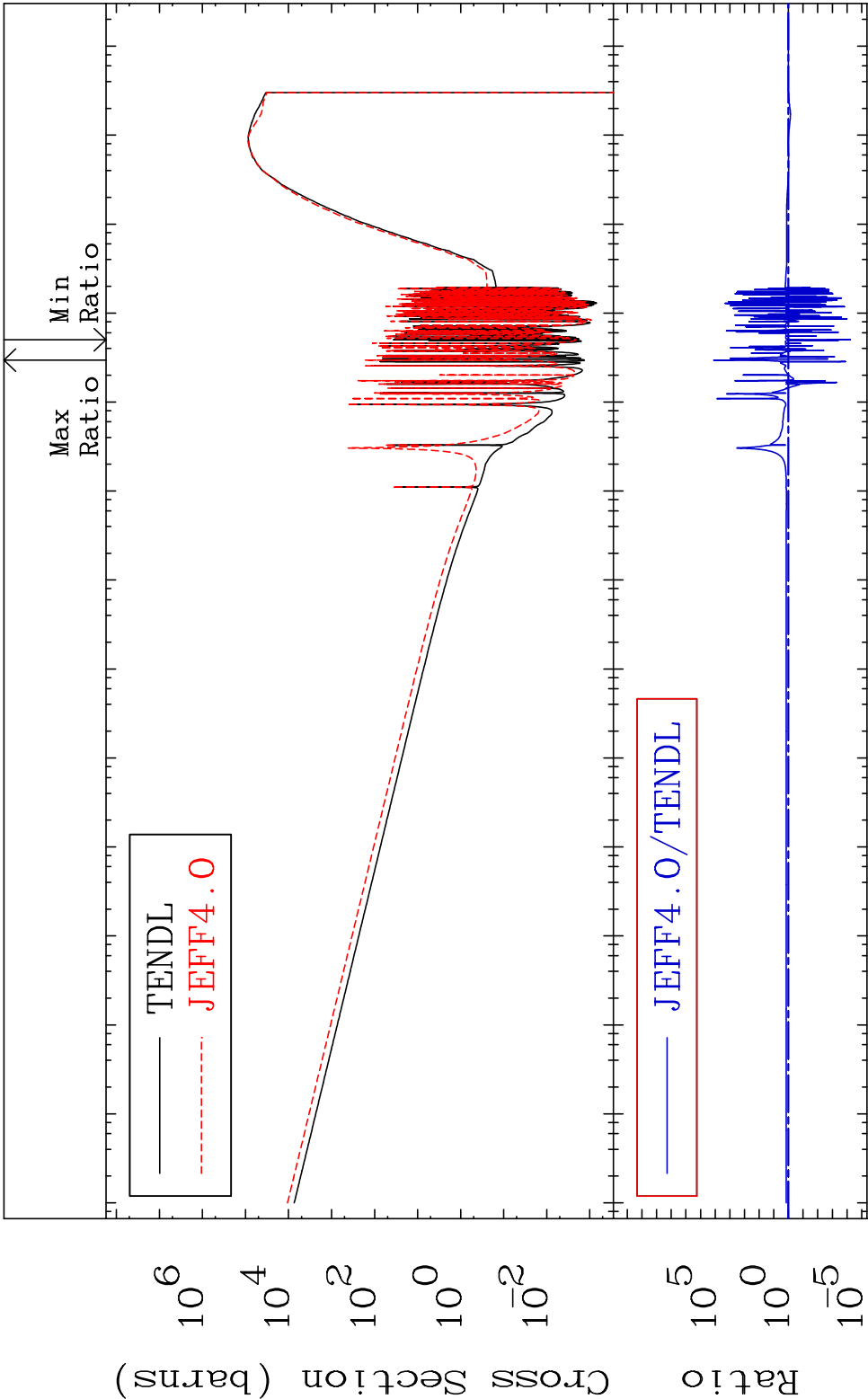
12

Incident Energy (eV)

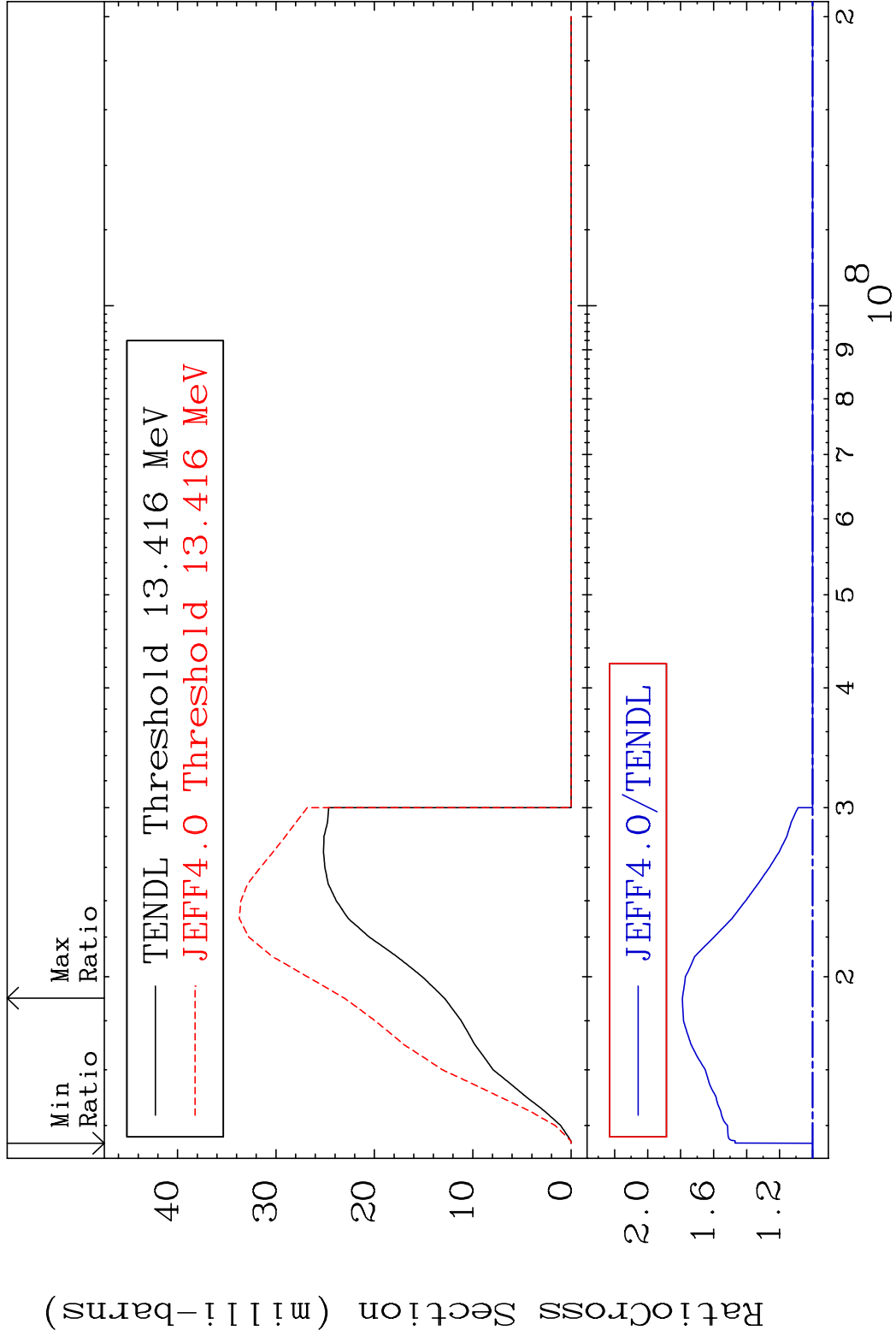
19-K -39

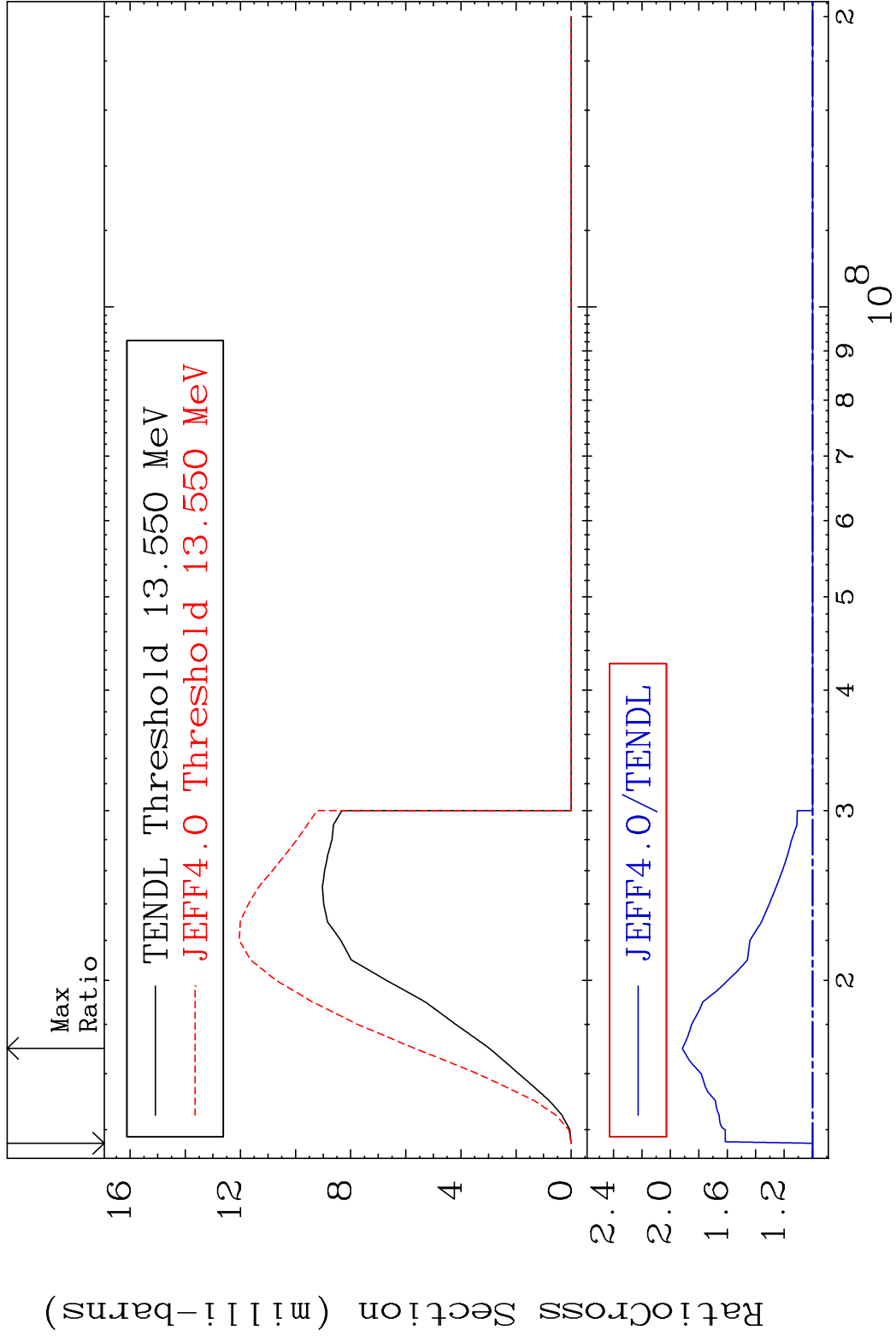


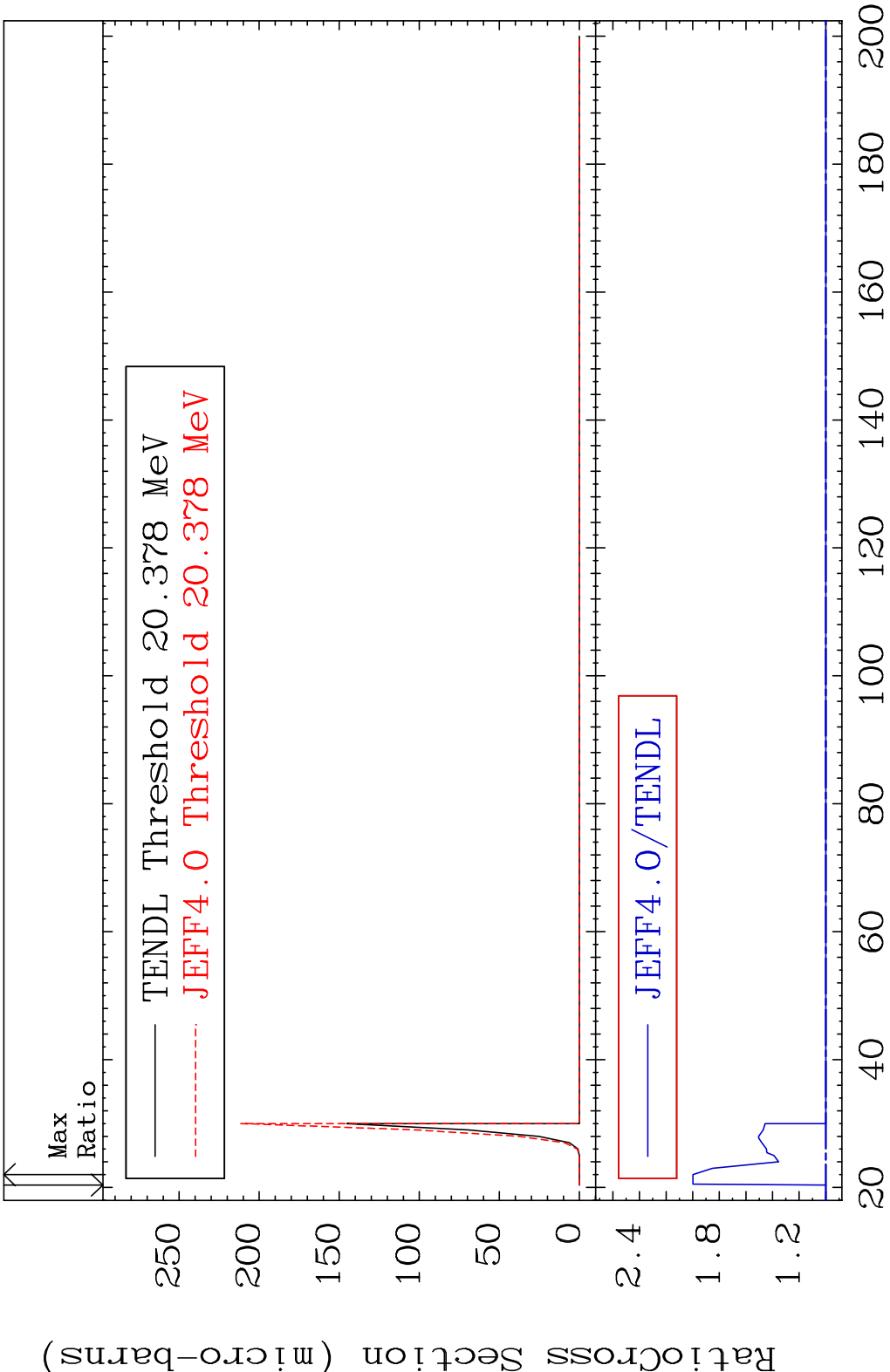
MAT 1925 Dpa disappearance (mt102 -120) 19-K -39
 Cross Section -99.99 To 9999. %

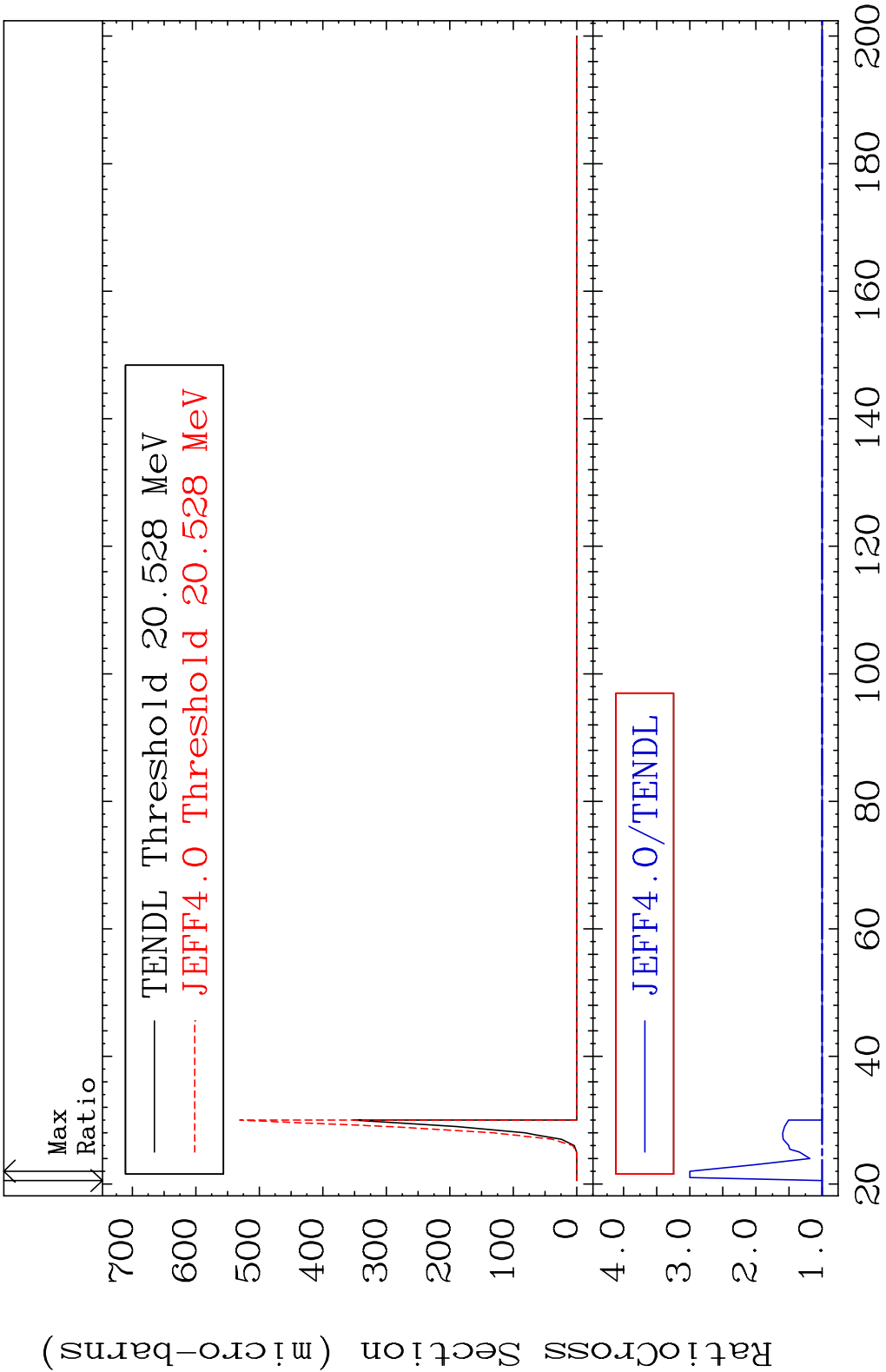


73K Incident Energy (eV) 19-K -39









Radionuclide Production Cross Section (mb)

