

Program Complot
(Version 2021-1)

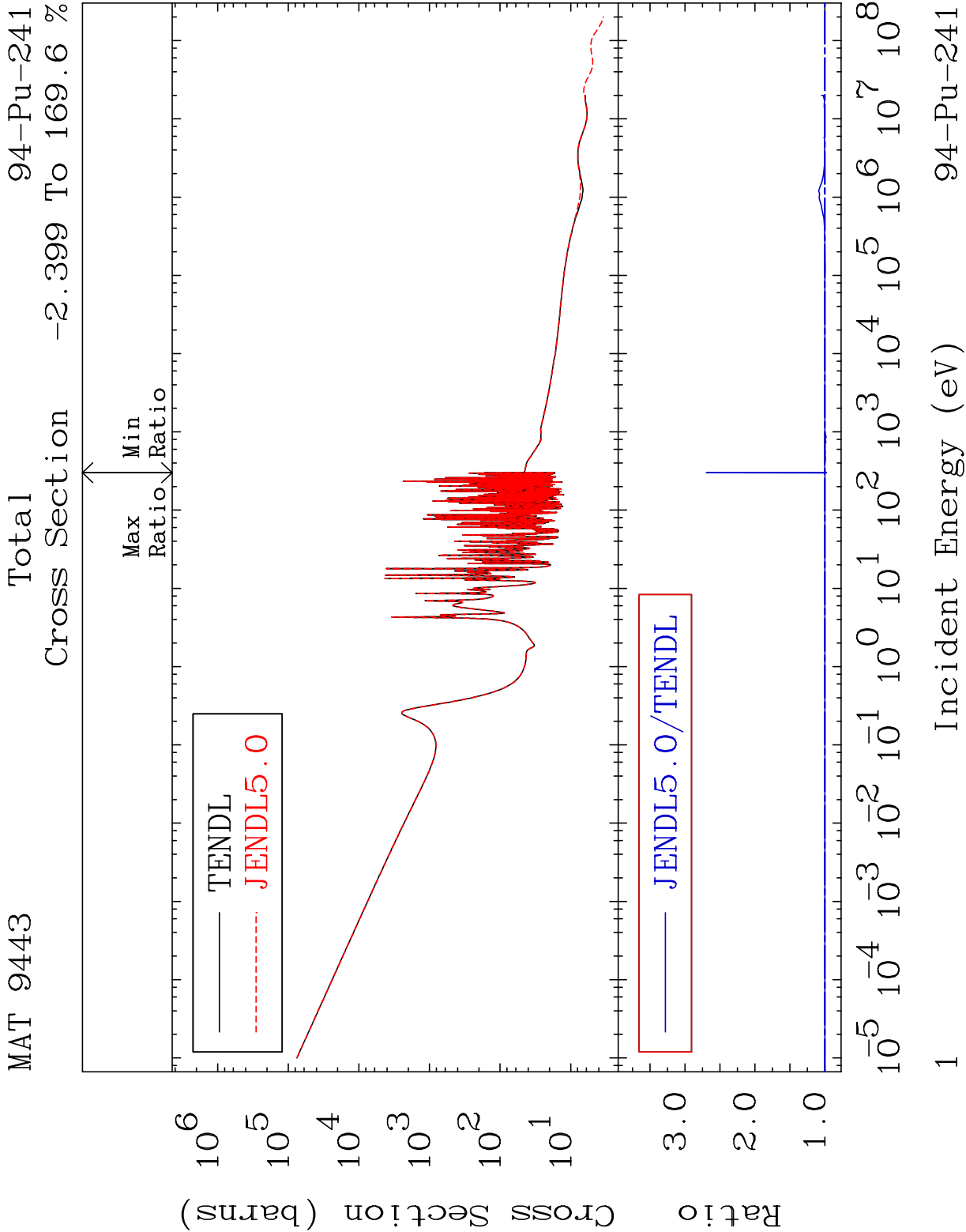
by

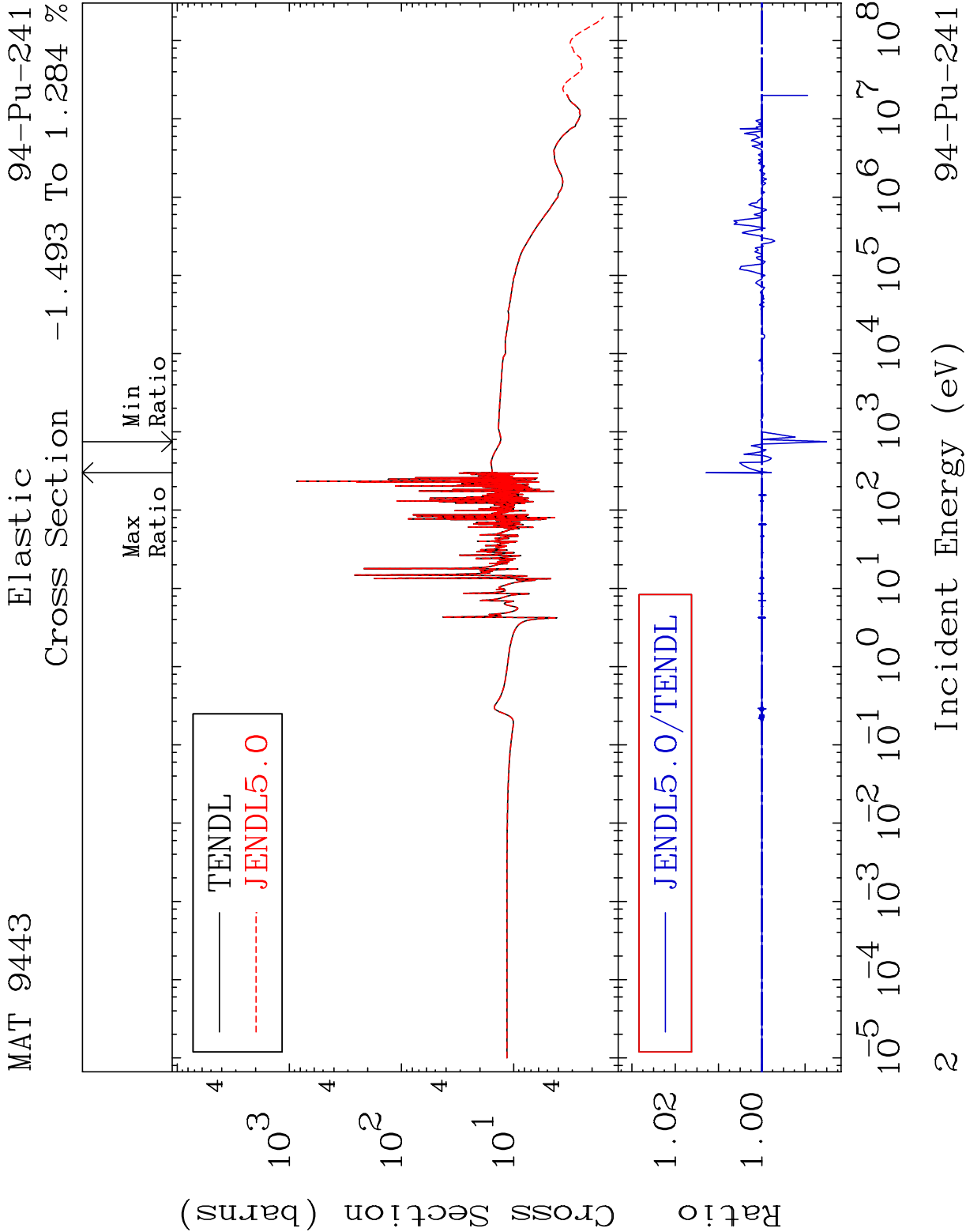
Dermott E. Cullen
(Present Contact Information)

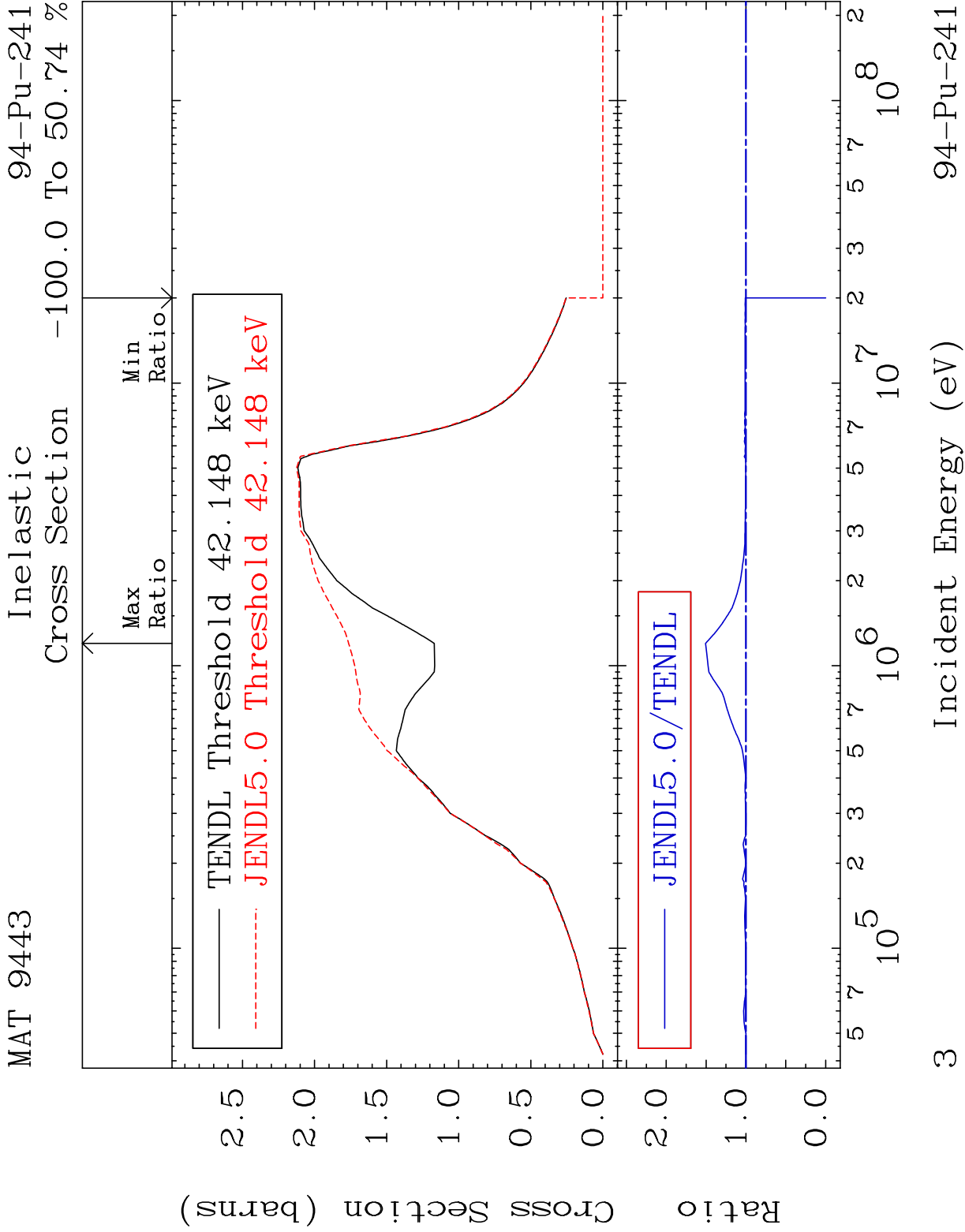
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

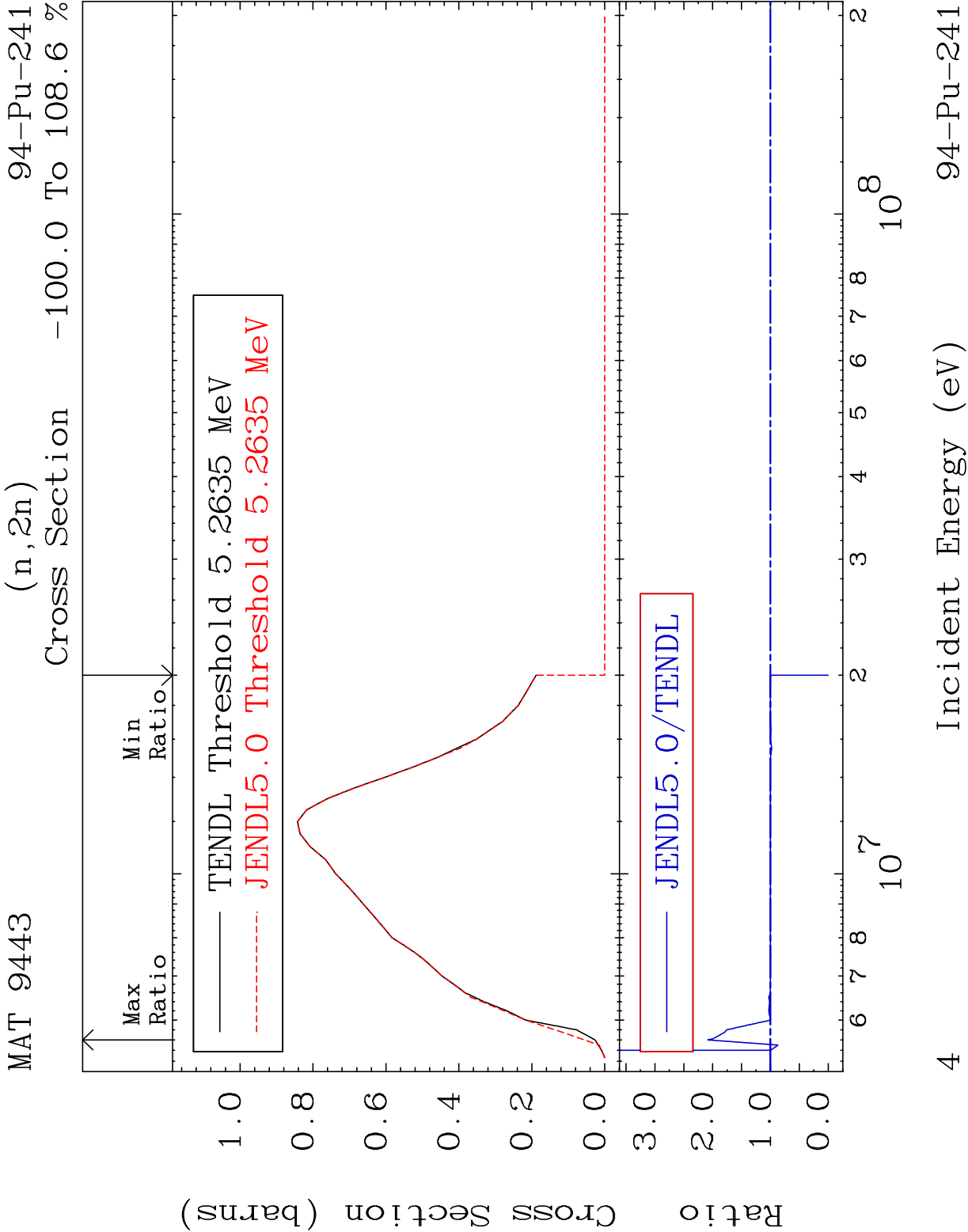
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

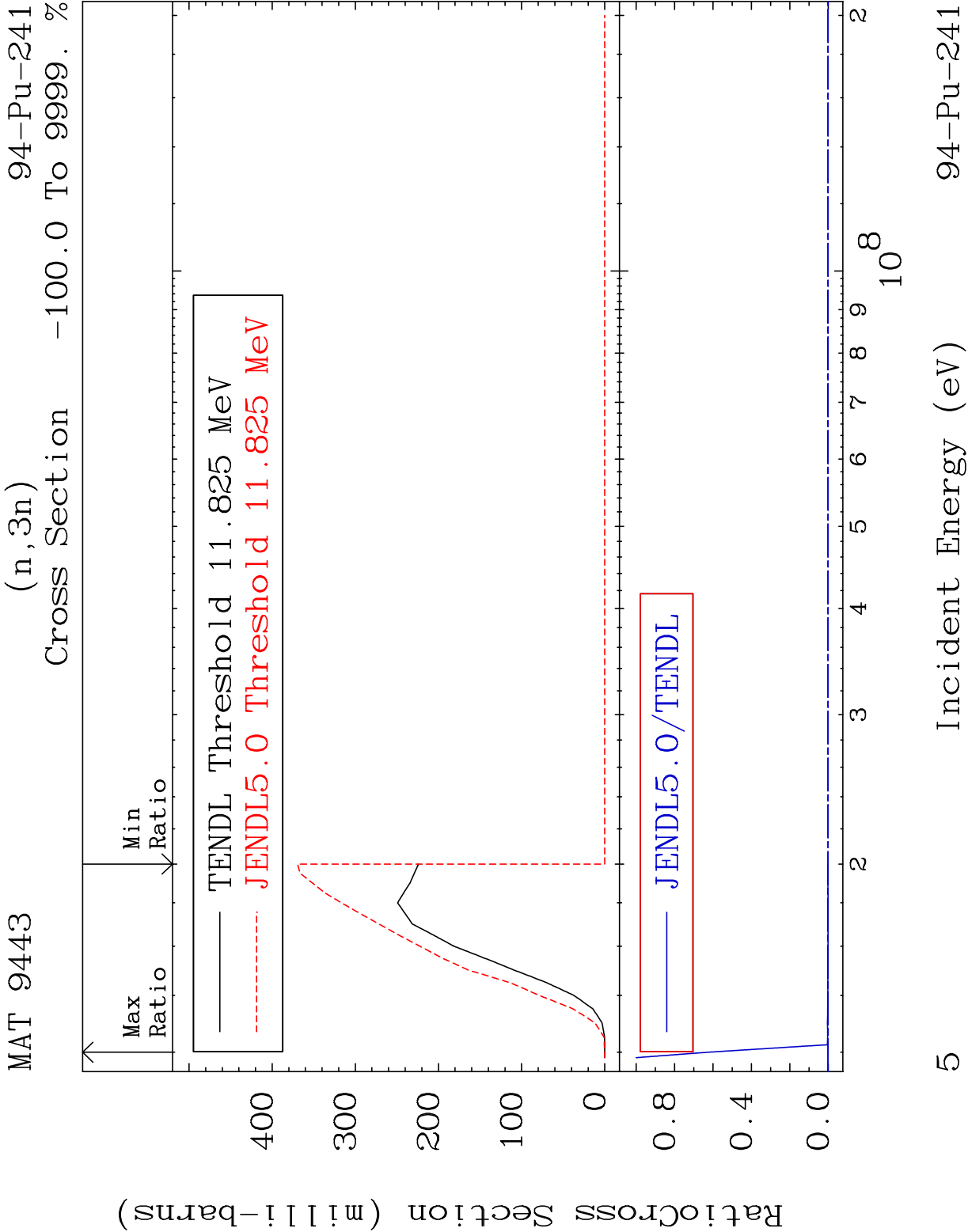
Press Mouse Button to Start









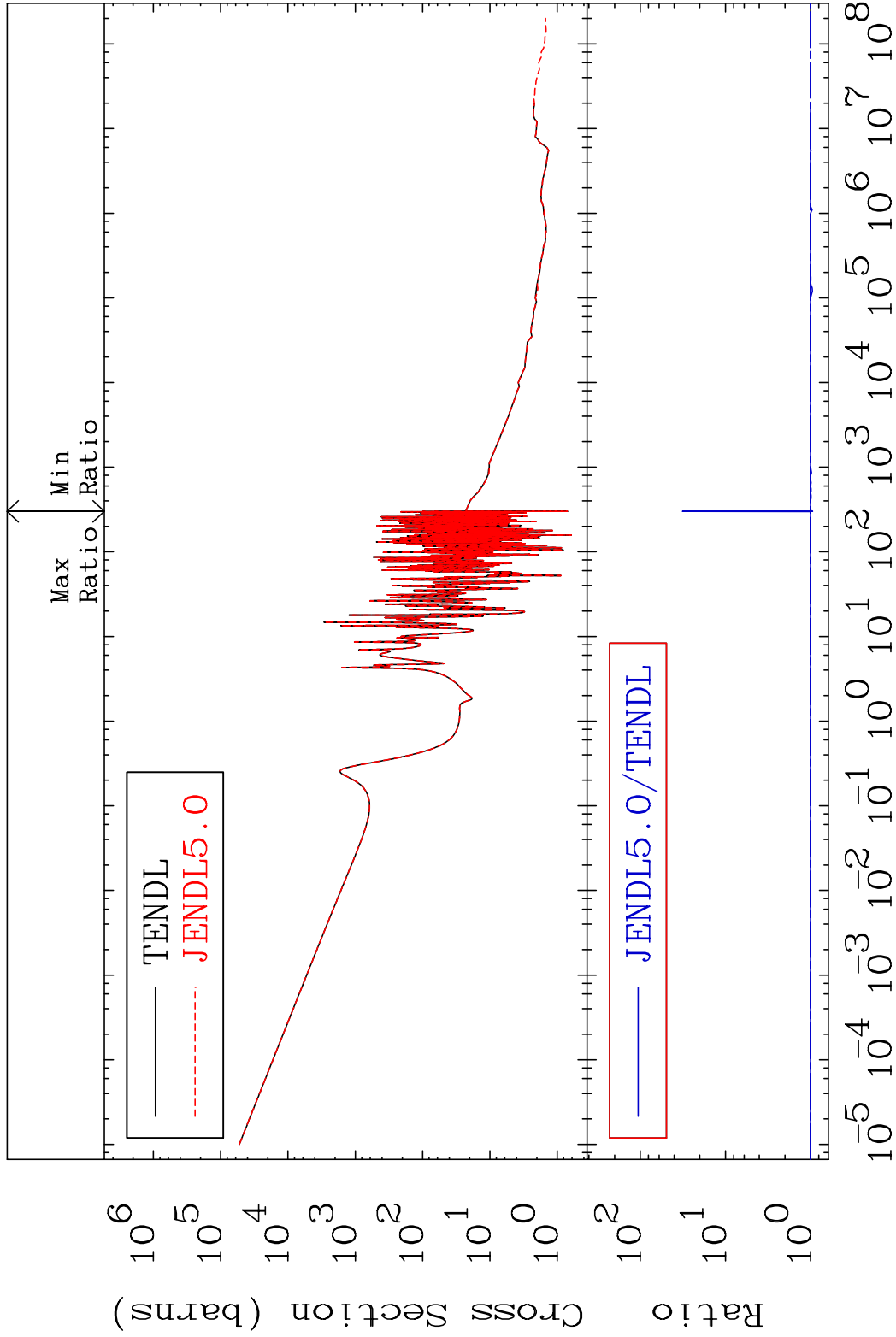


MAT 9443

Fission

94-Pu-241

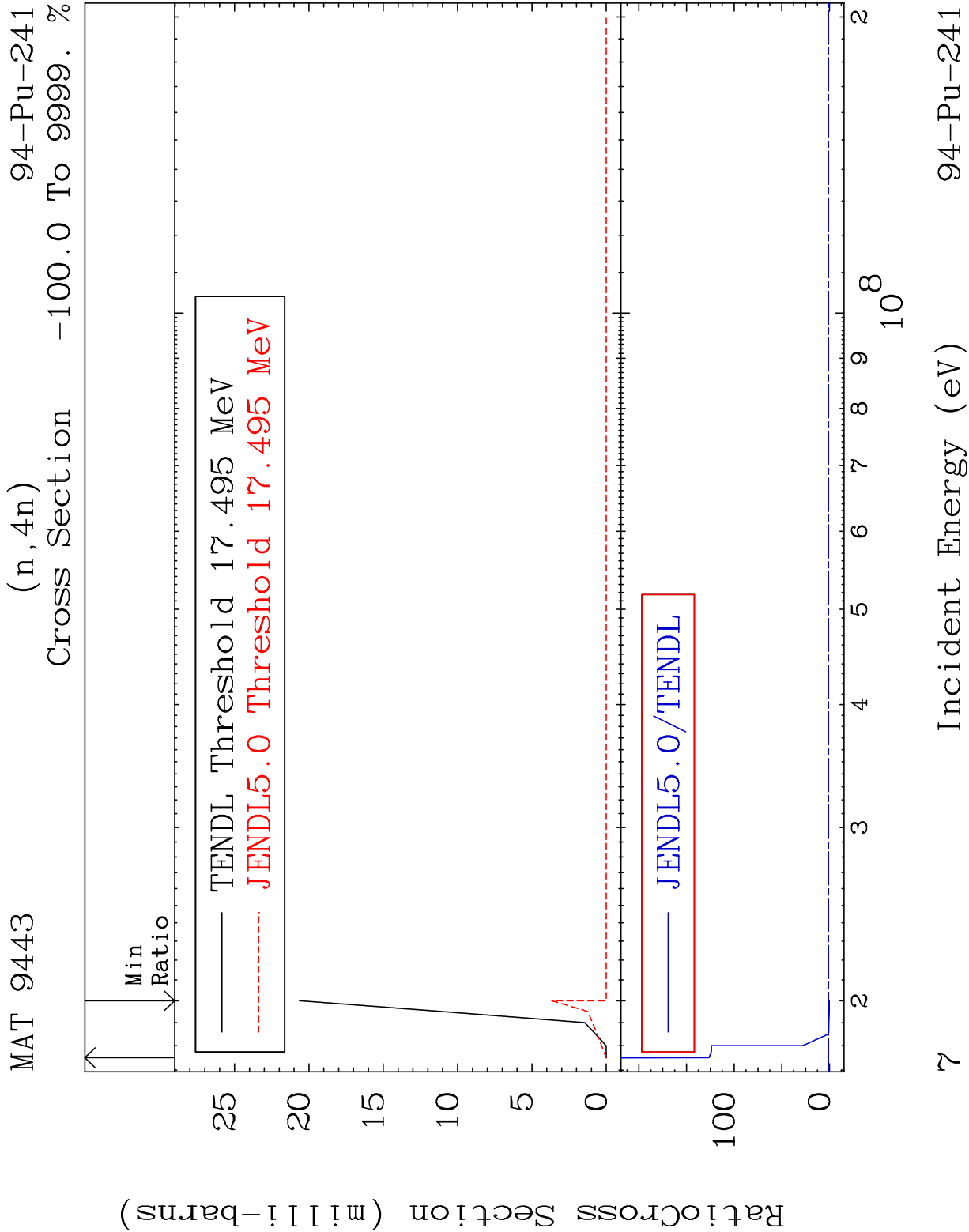
Cross Section -5.307 To 3100. %



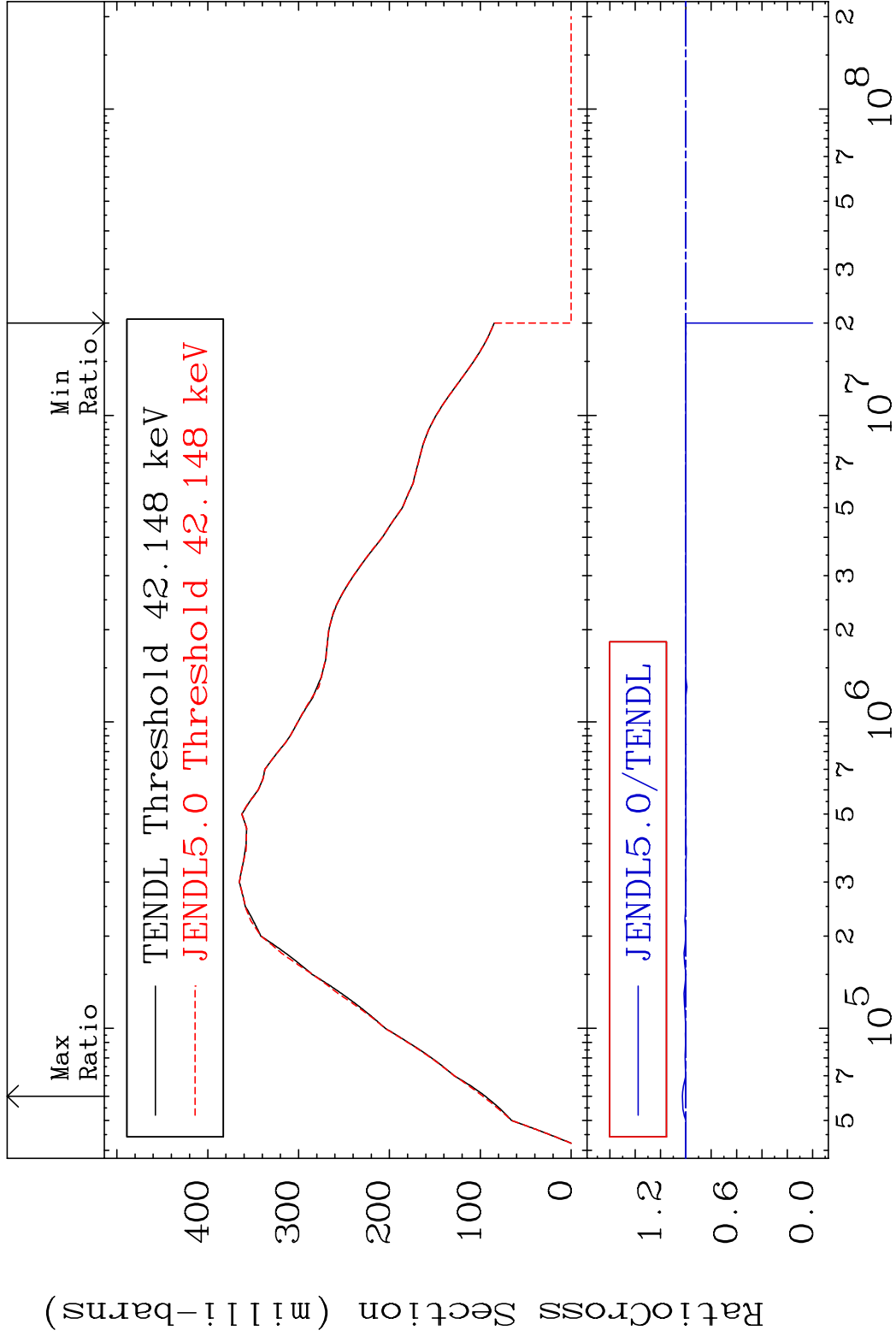
6

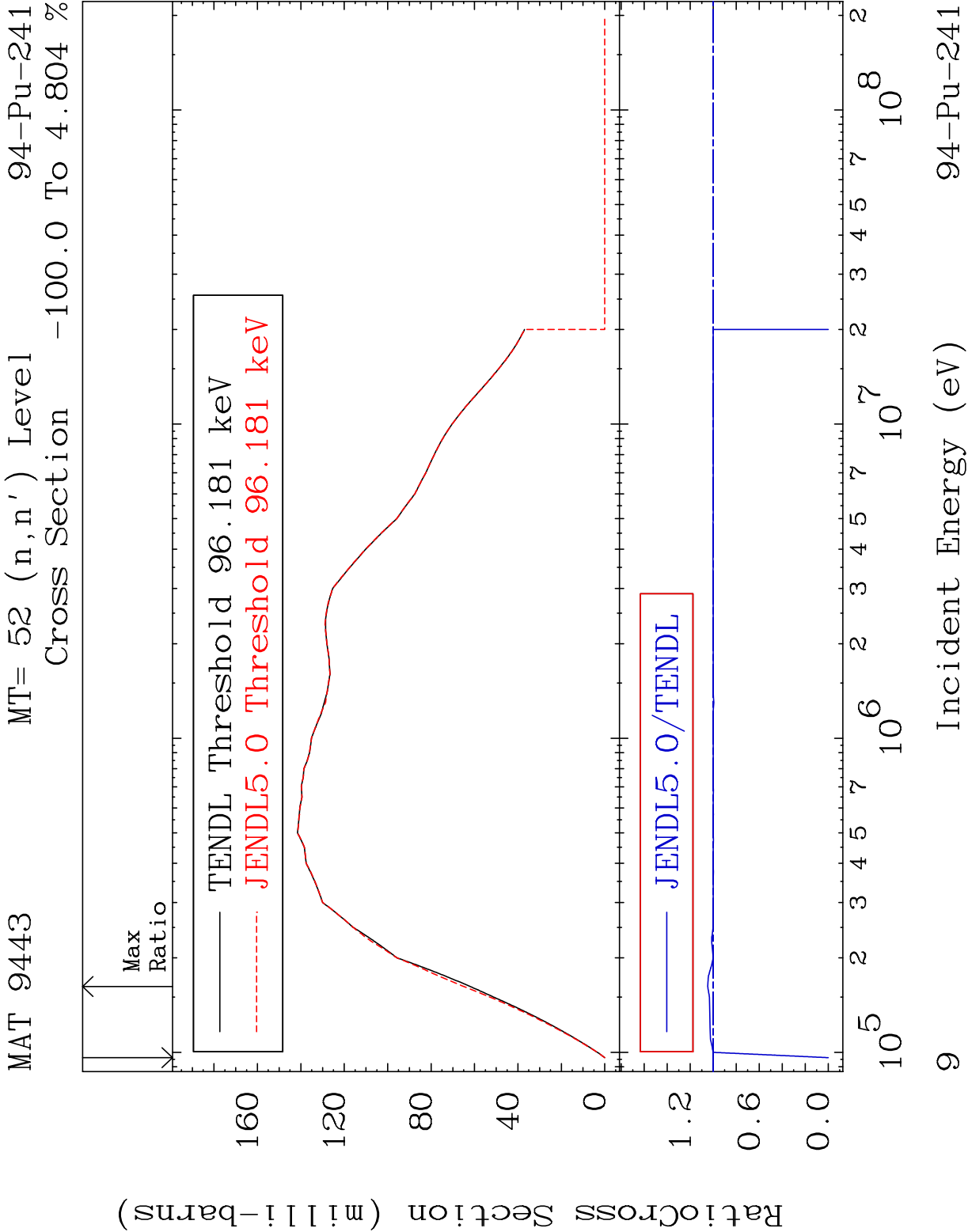
Incident Energy (eV)

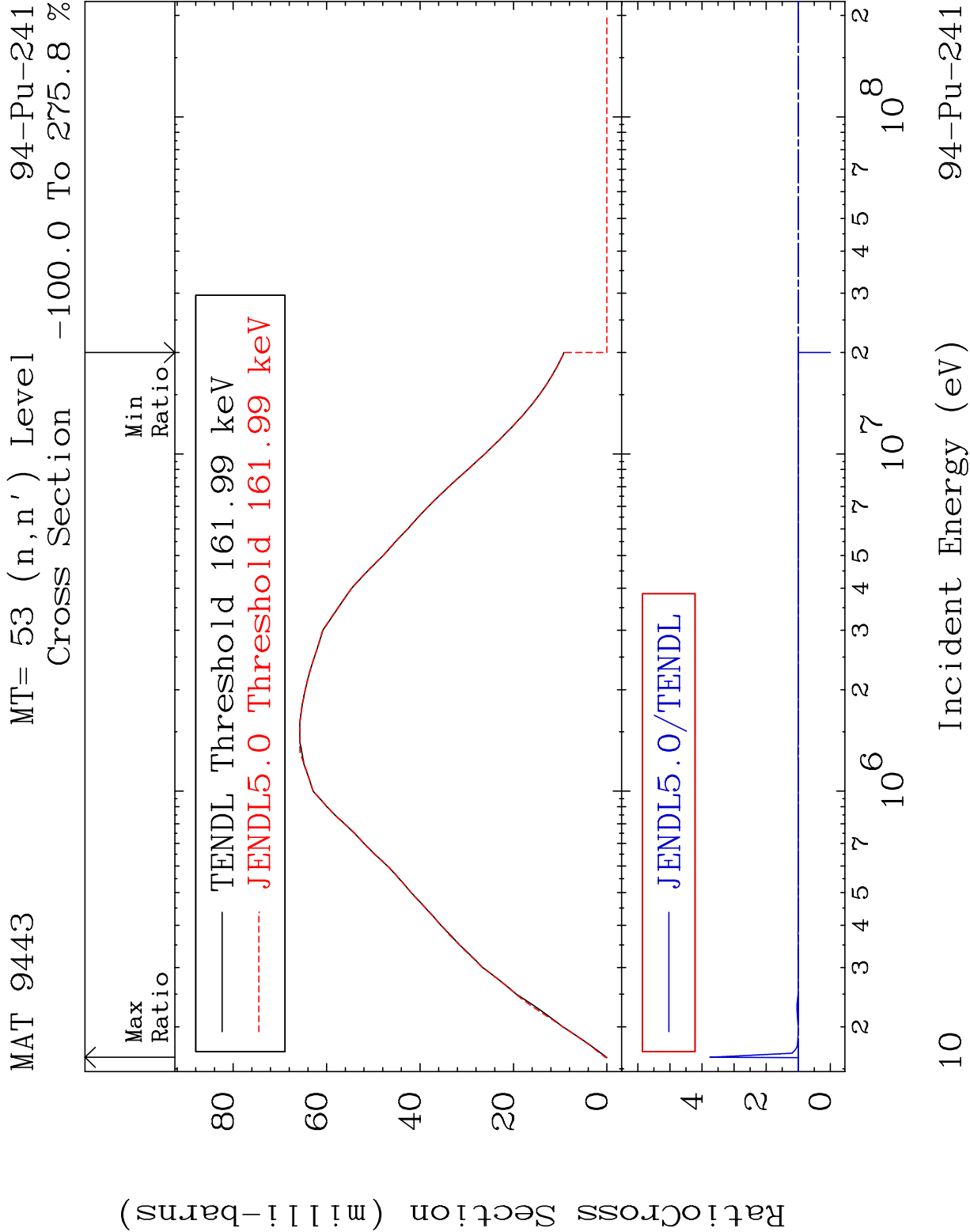
94-Pu-241



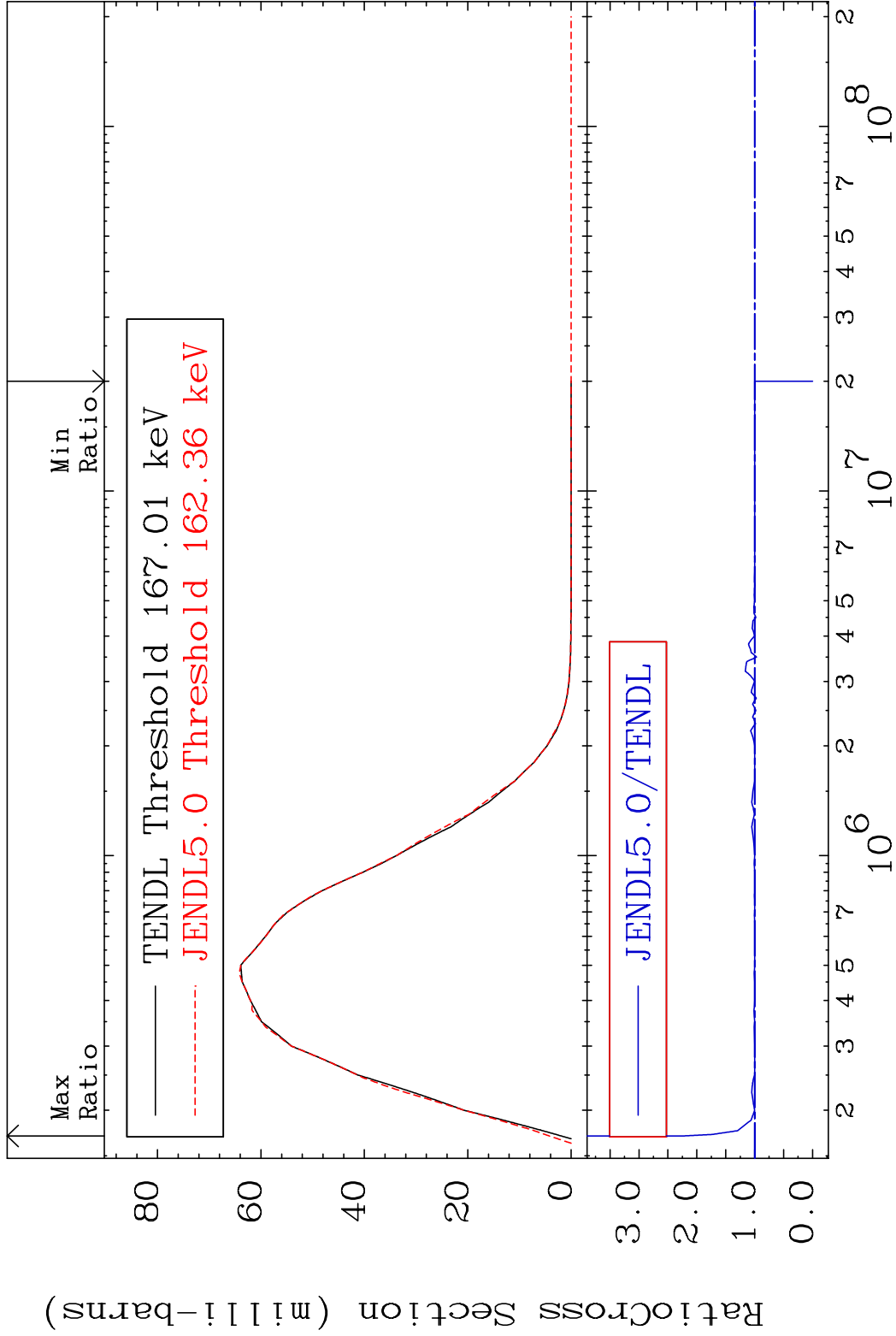
MAT 9443 MT= 51 (n,n') Level 94-Pu-241
Cross Section -100.0 To 2.796 %

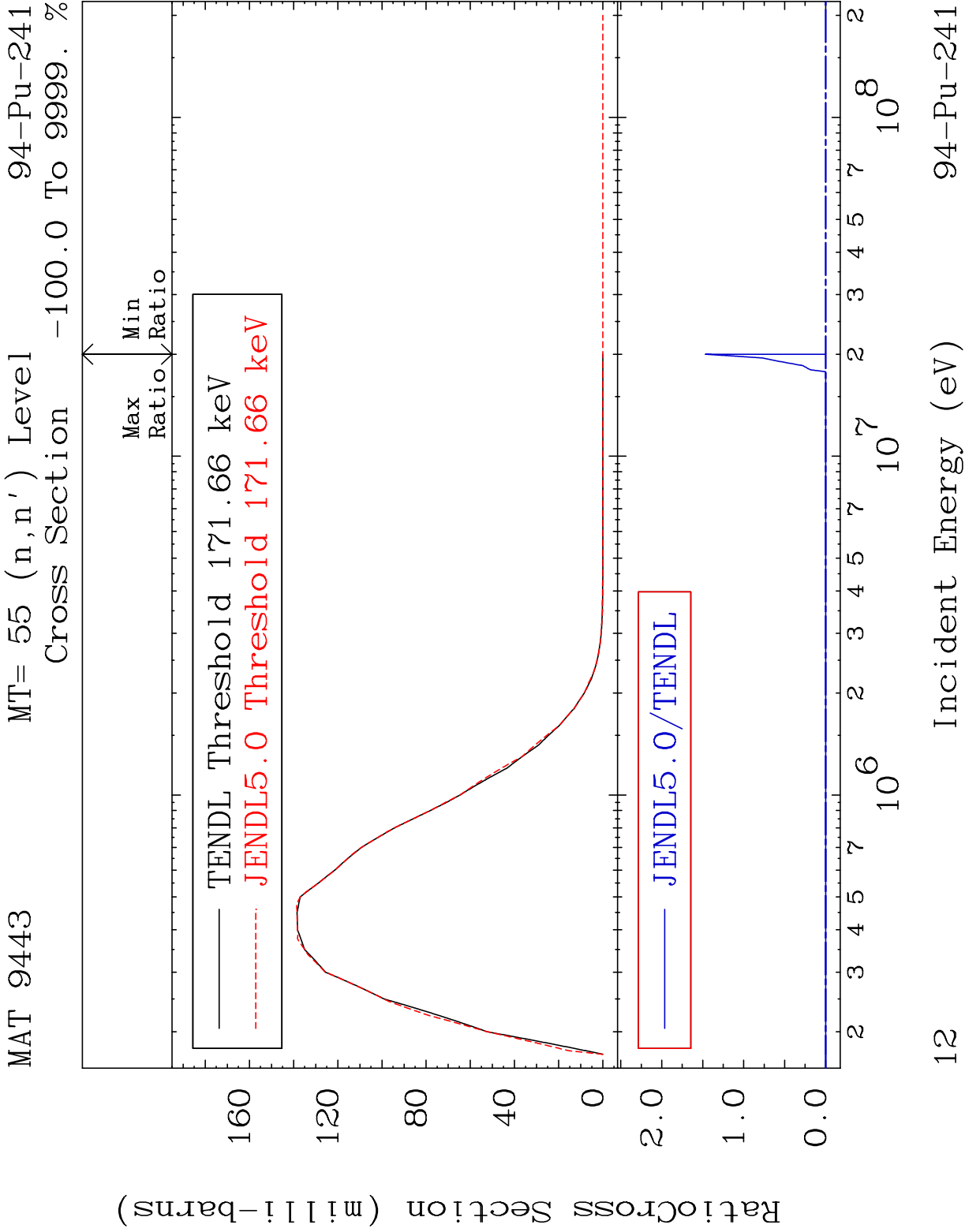


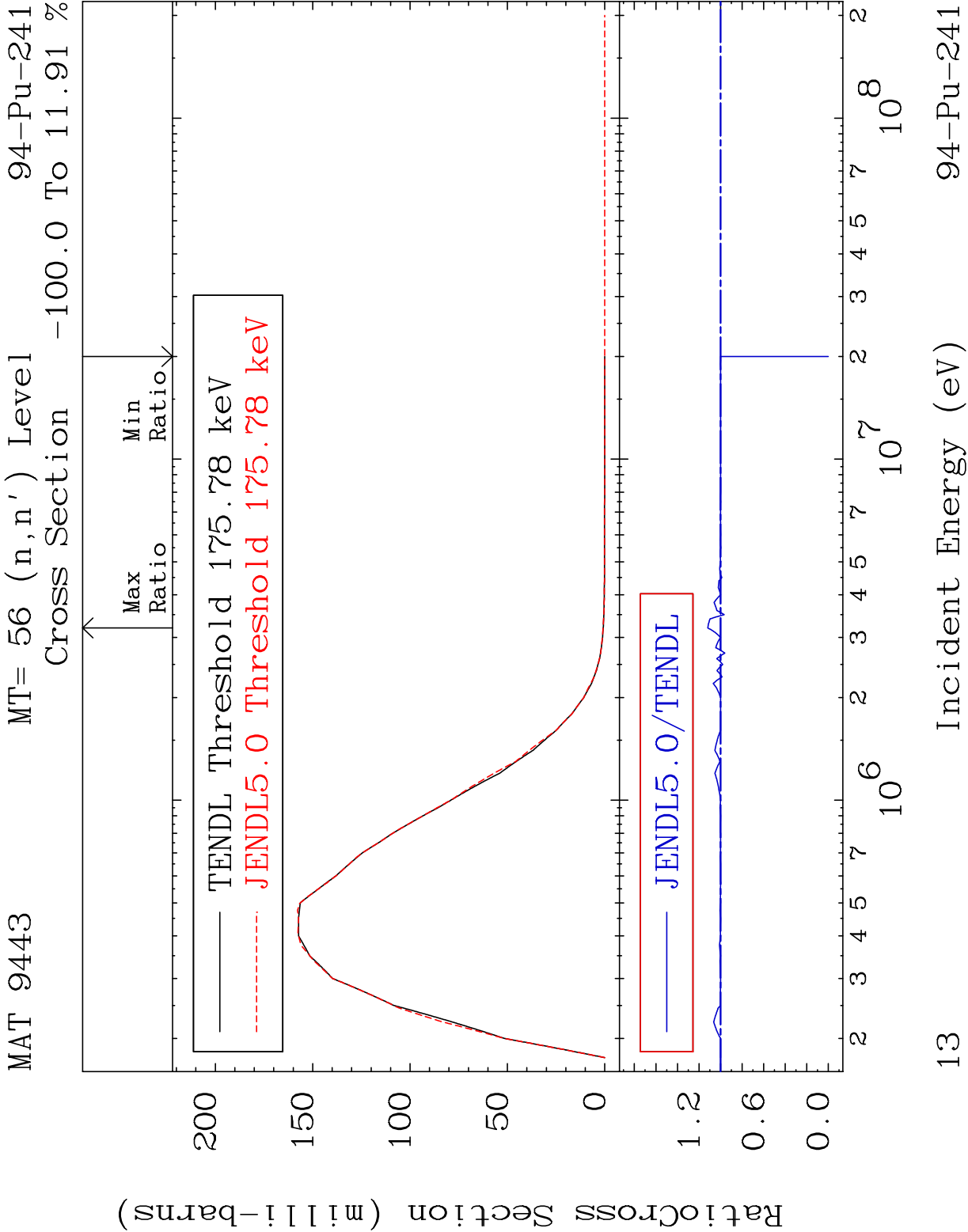




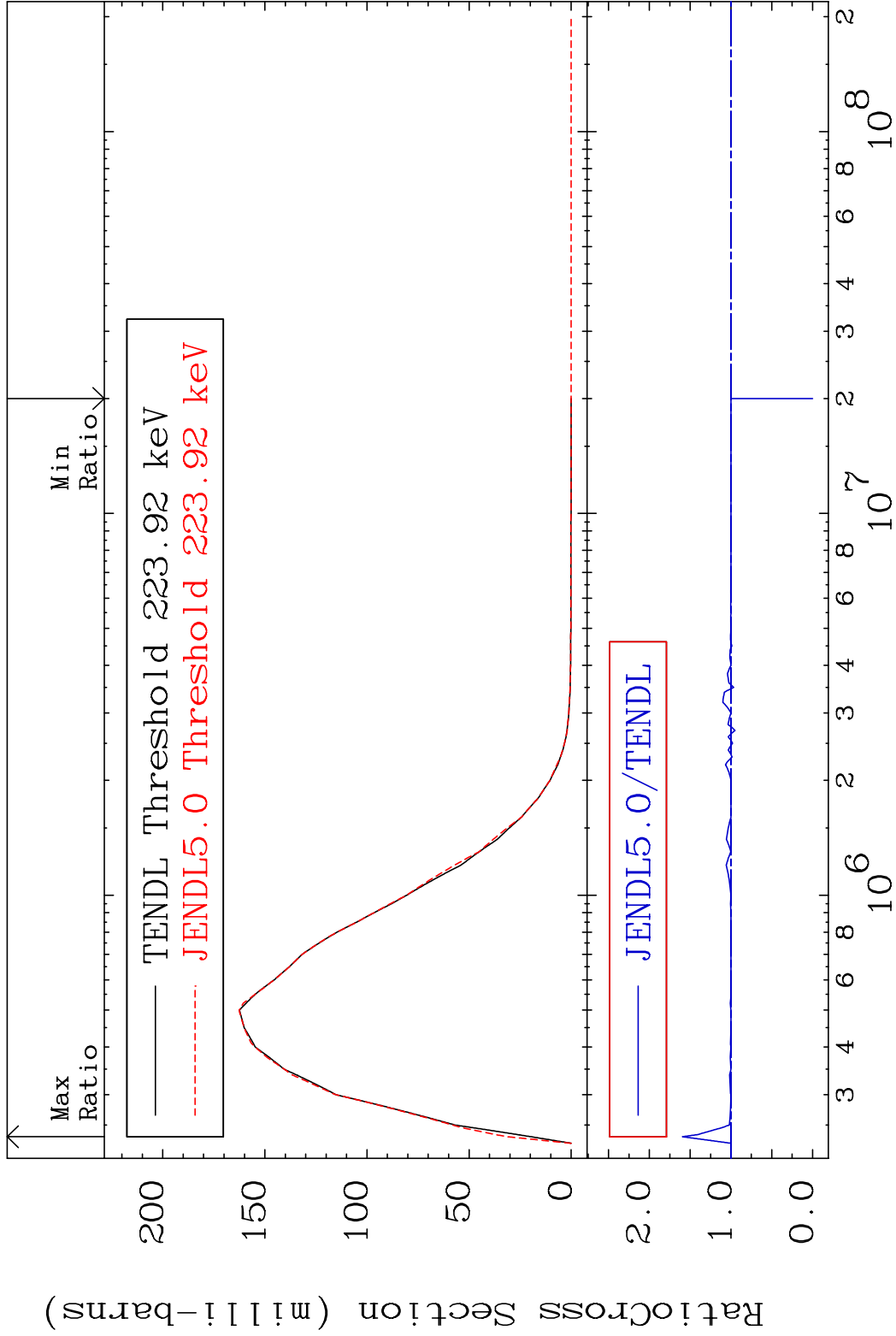
MAT 9443 MT= 54 (n,n') Level 94-Pu-241
Cross Section -100.0 To 125.0 %

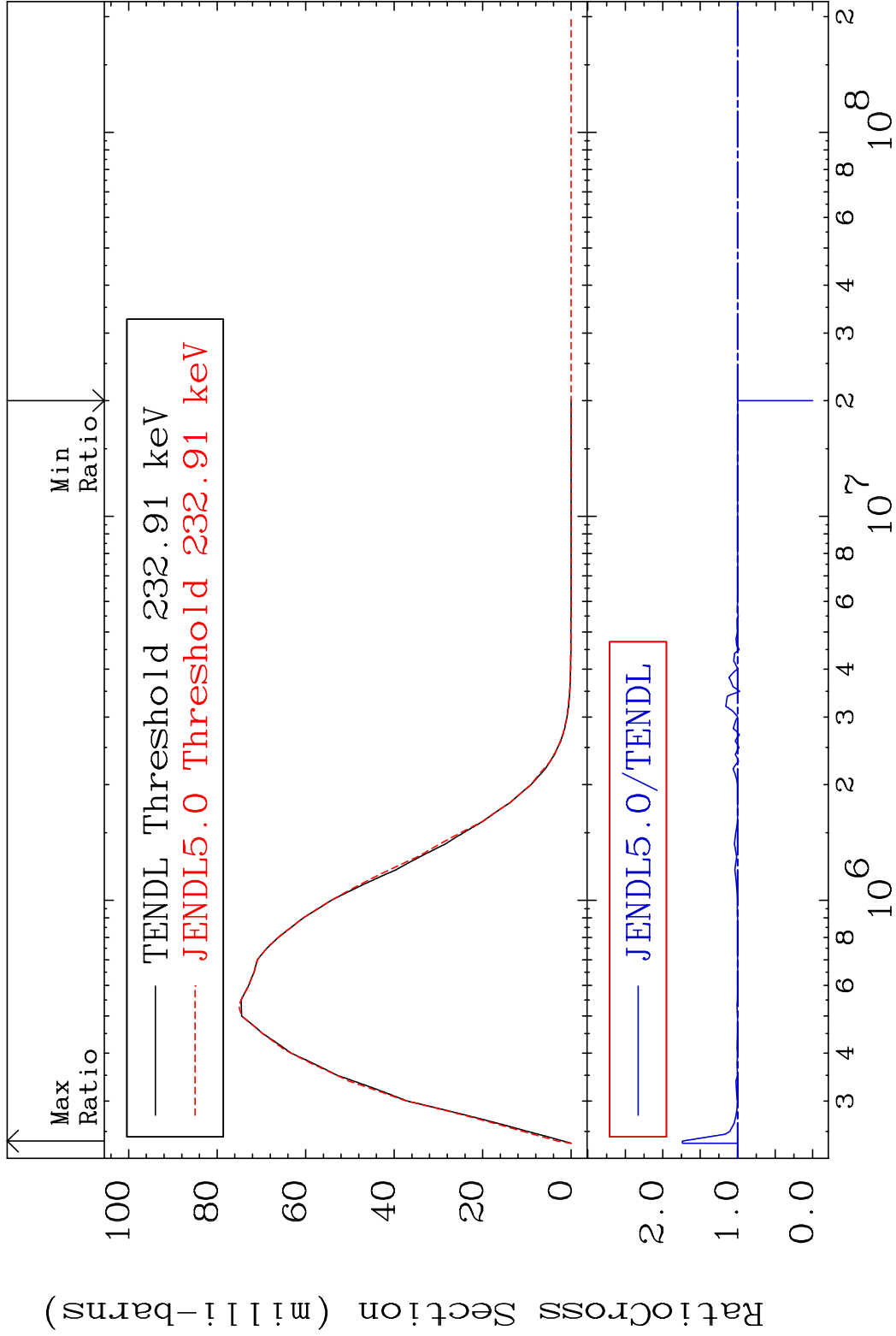


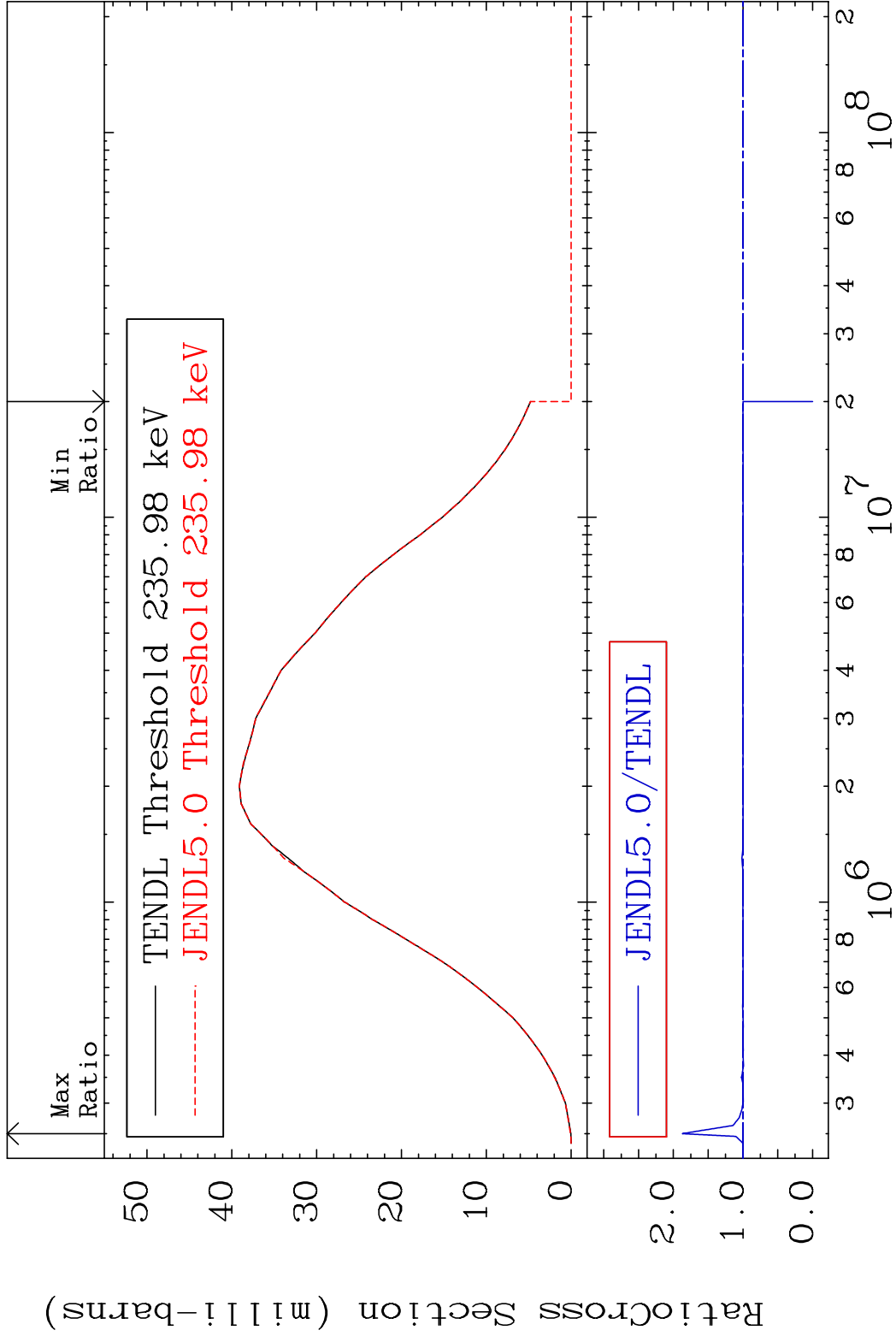




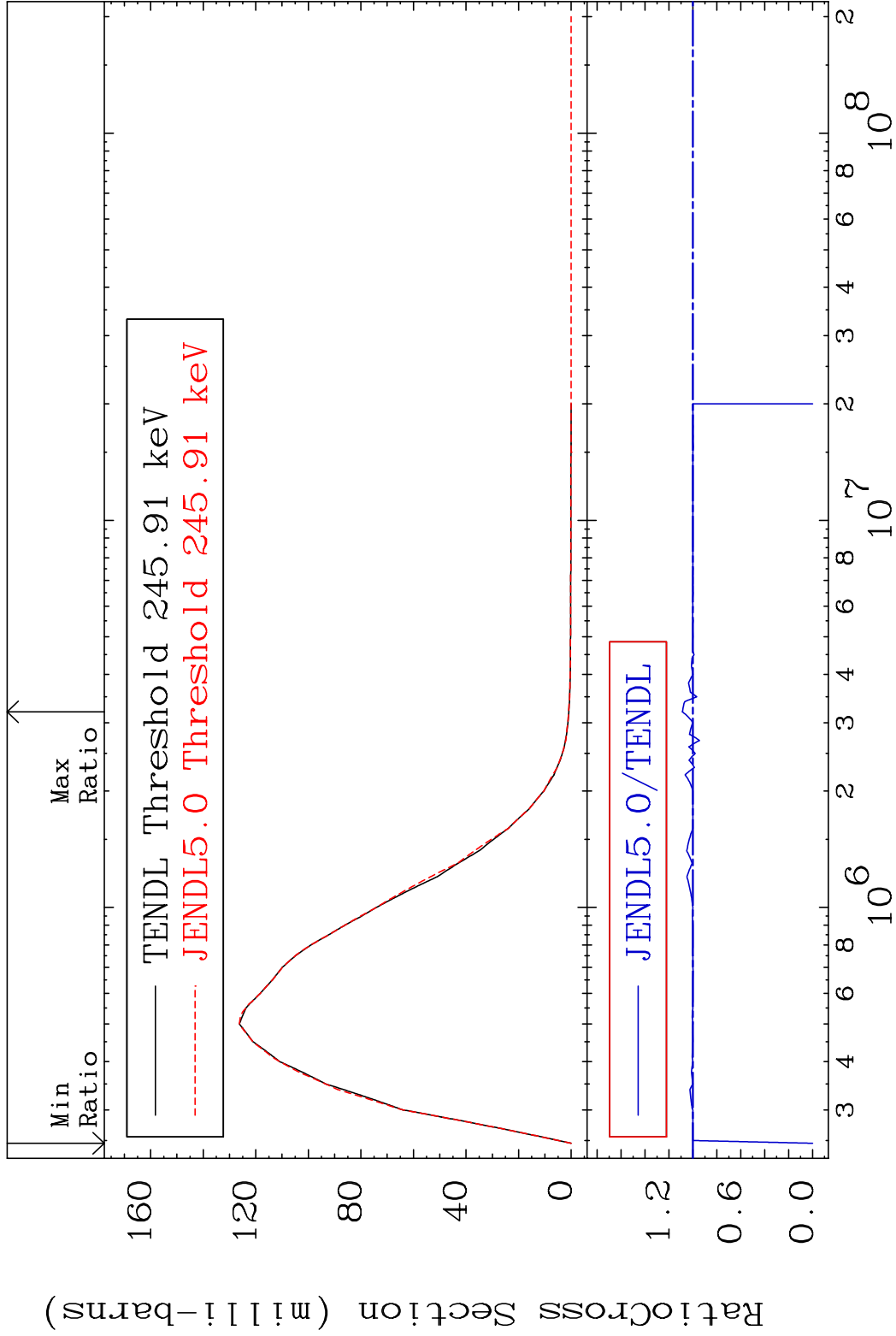
MAT 9443 MT= 57 (n,n') Level 94-Pu-241
Cross Section -100.0 To 59.56 %

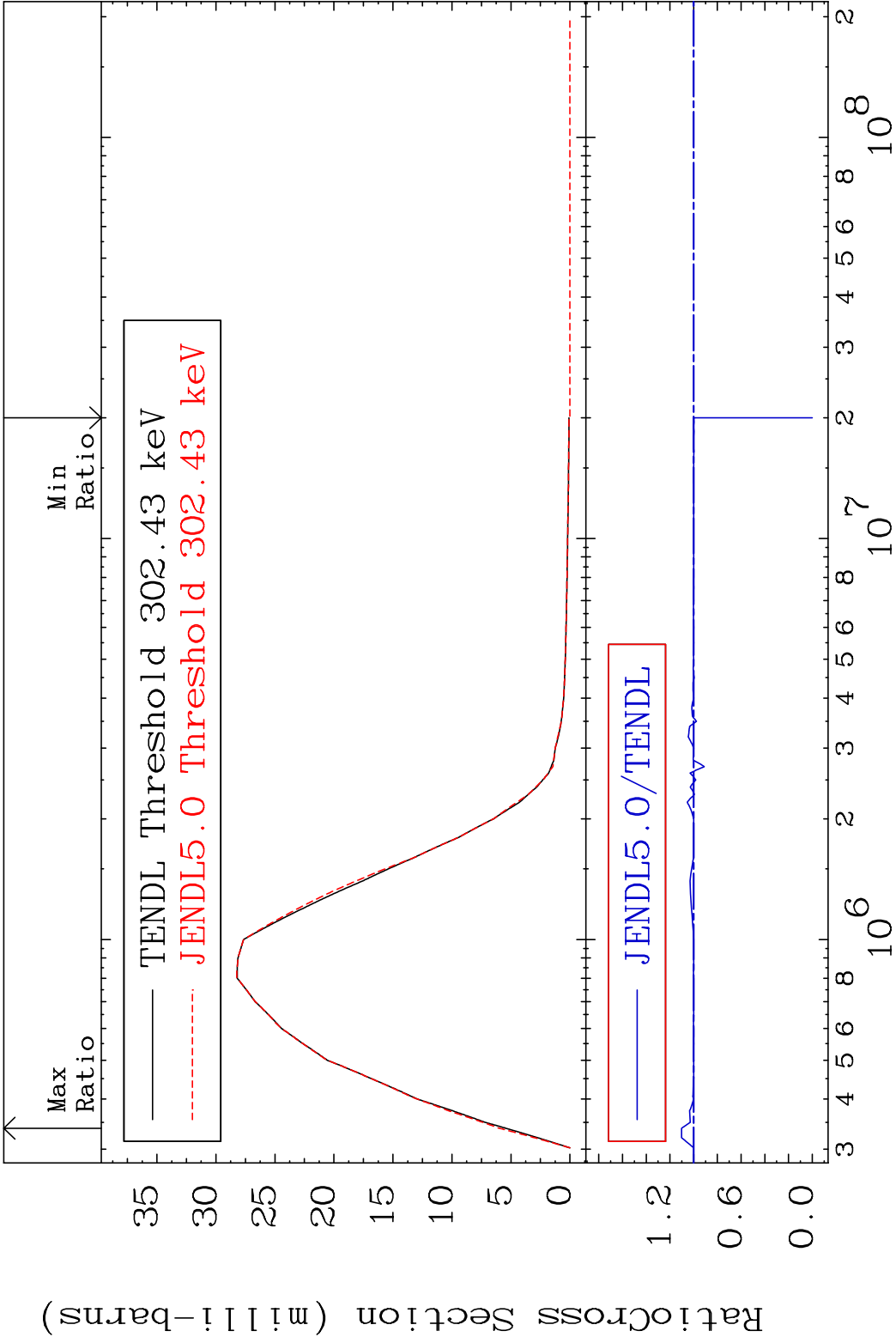




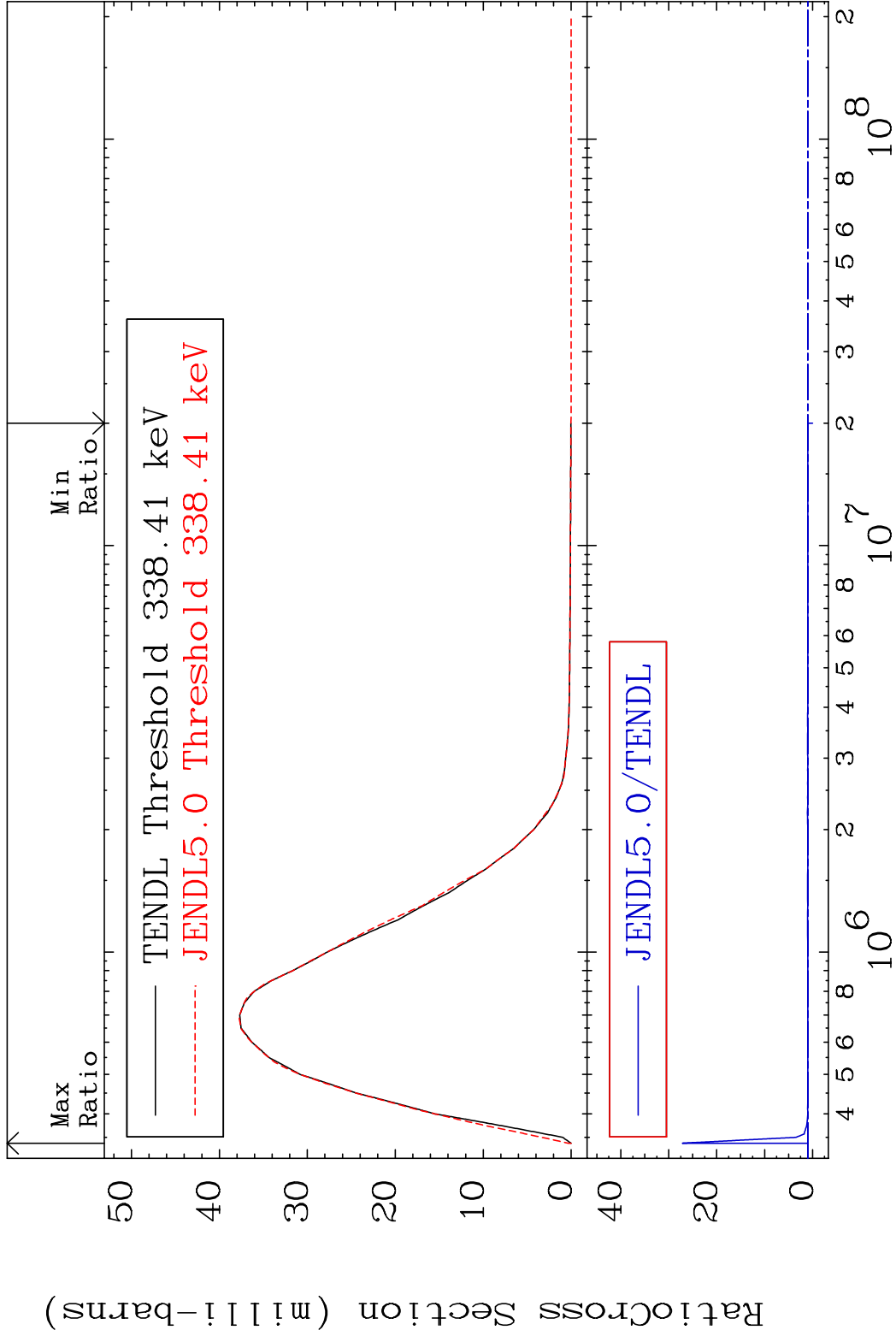


MAT 9443 MT= 60 (n,n') Level 94-Pu-241
Cross Section -100.0 To 8.822 %

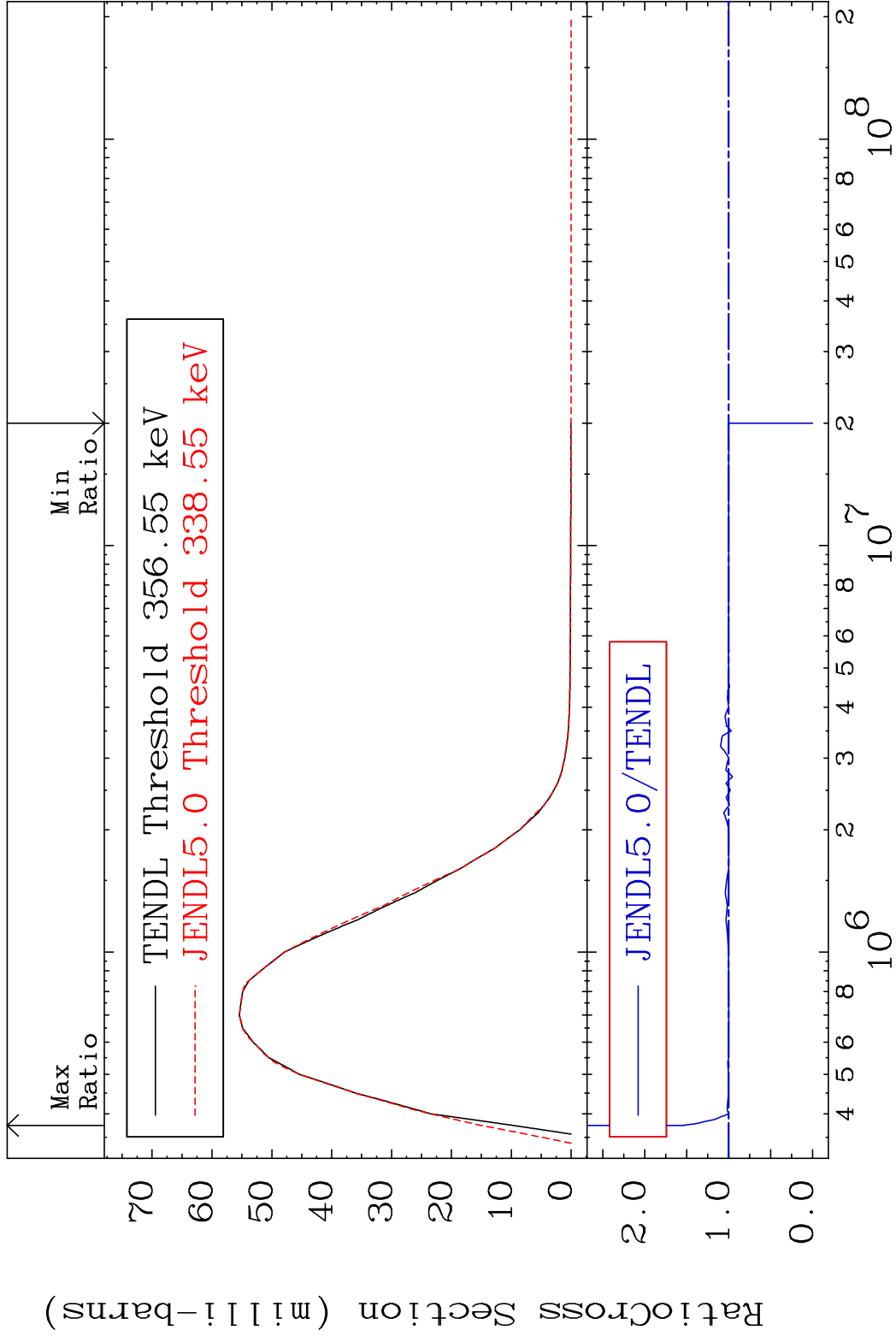




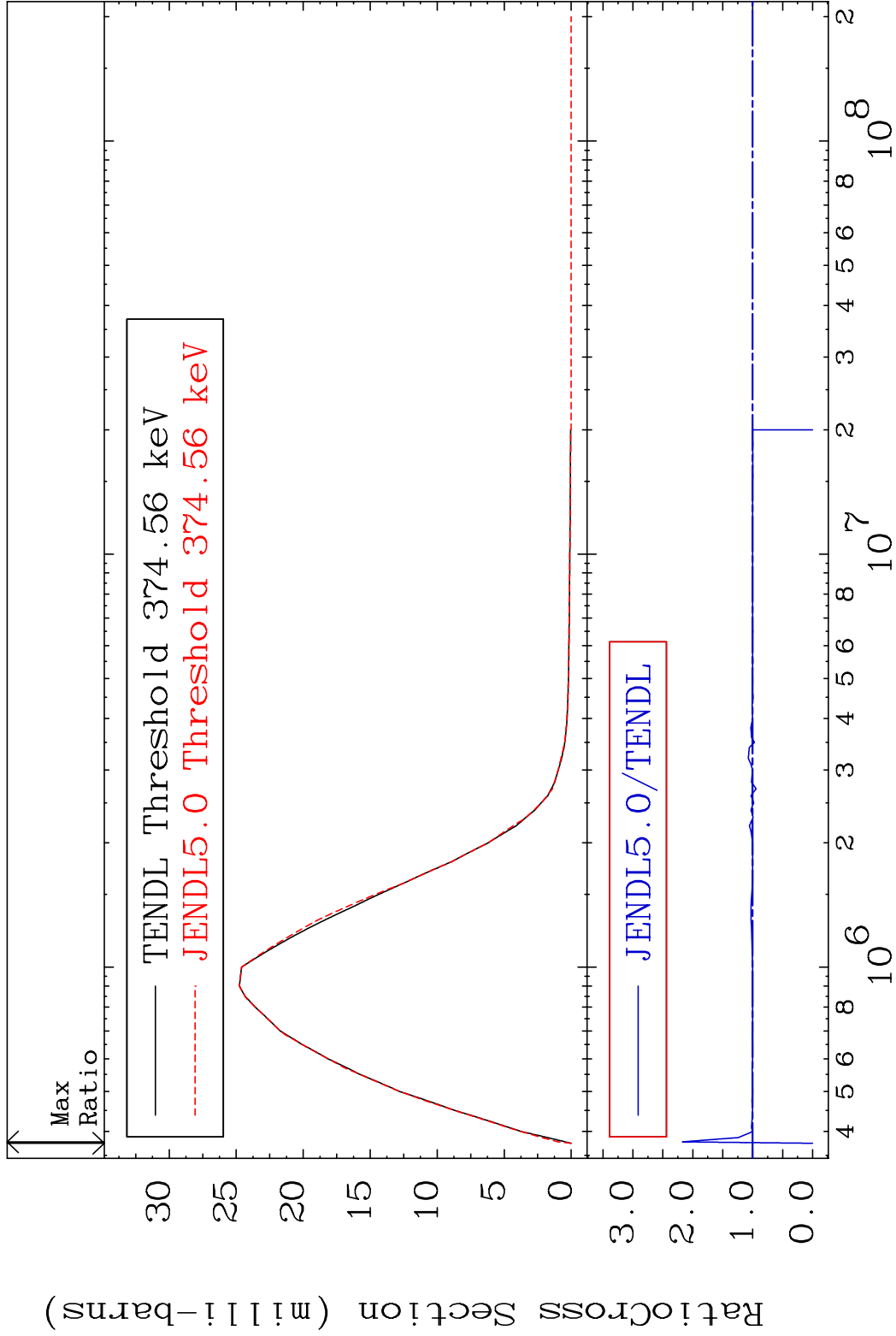
MAT 9443 MT= 62 (n,n') Level 94-Pu-241
Cross Section -100.0 To 2616. %



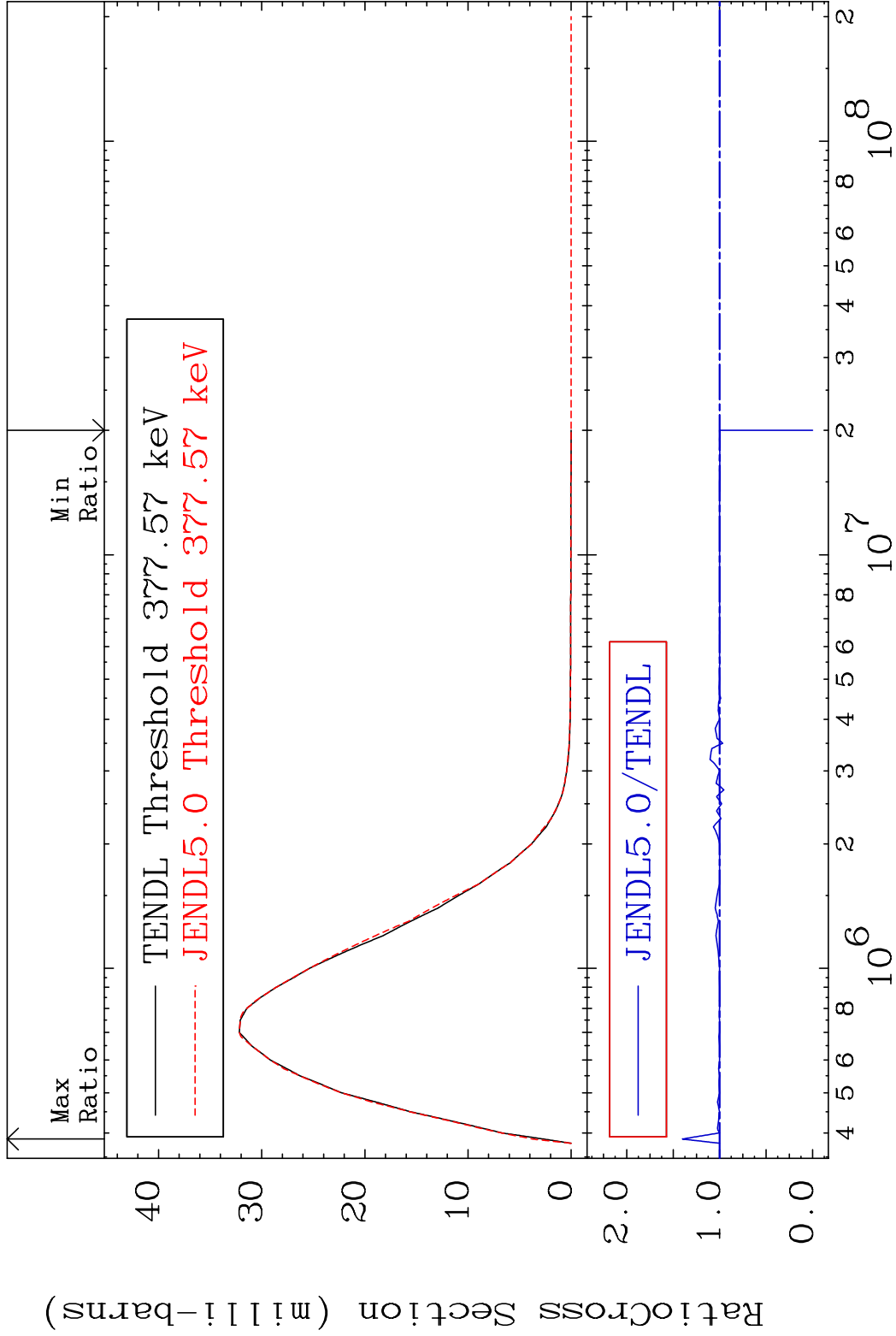
MAT 9443 MT= 63 (n,n') Level 94-Pu-241
Cross Section -100.0 To 55.21 %



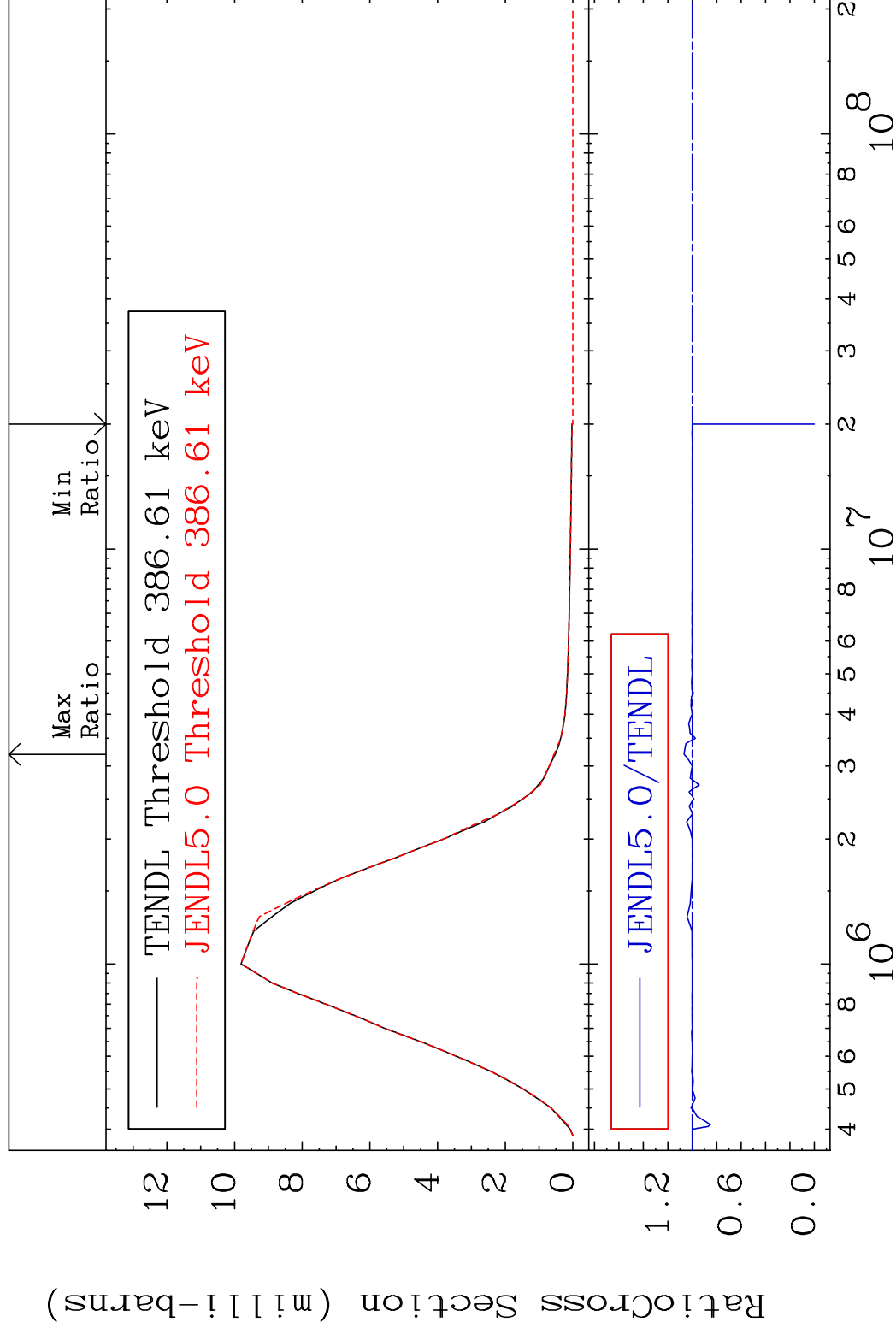
MAT 9443 MT= 64 (n,n') Level 94-Pu-241
Cross Section -100.0 To 117.5 %

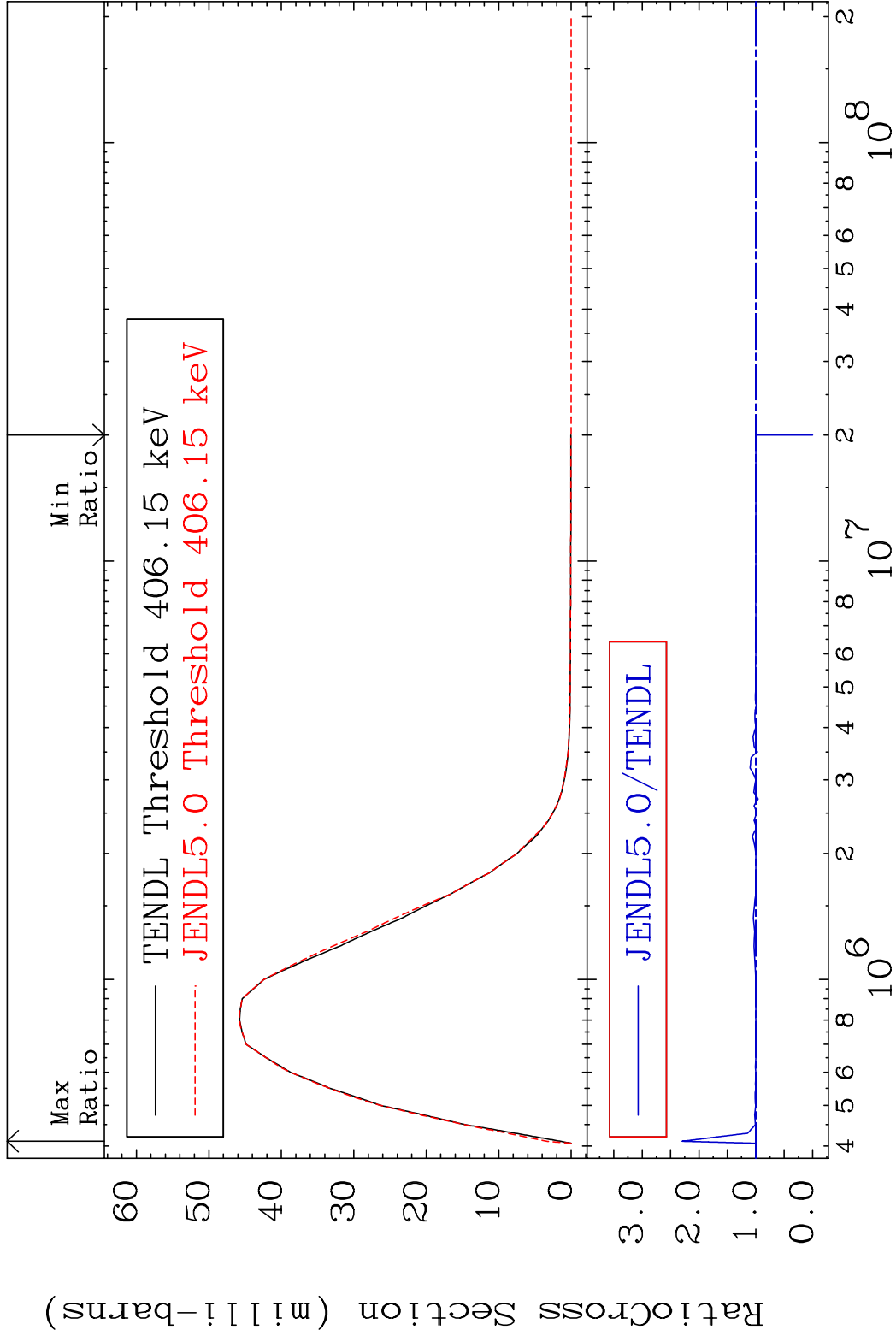


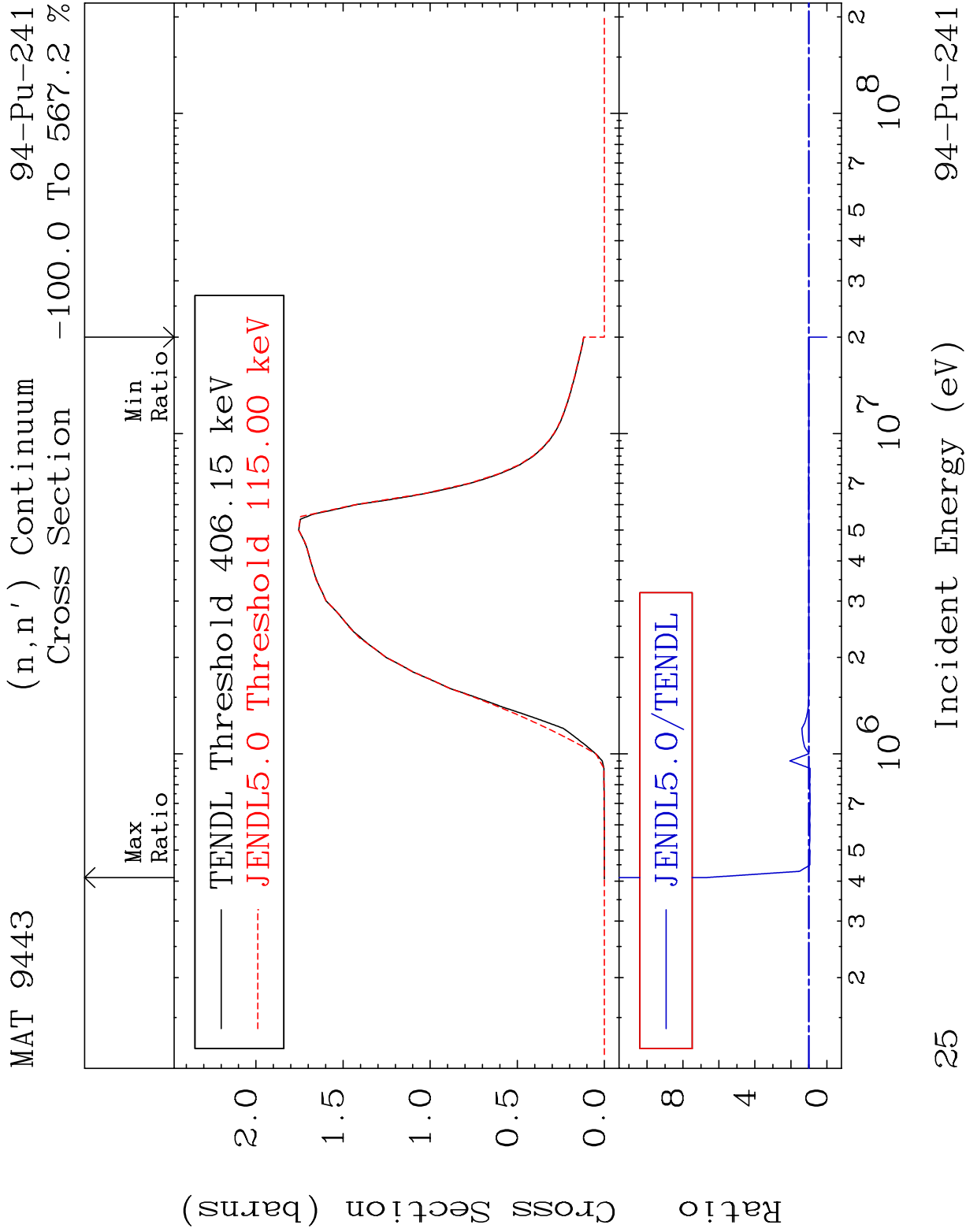
MAT 9443 MT= 65 (n,n') Level 94-Pu-241
Cross Section -100.0 To 40.16 %



Cross Section -100.0 To 6.675 %





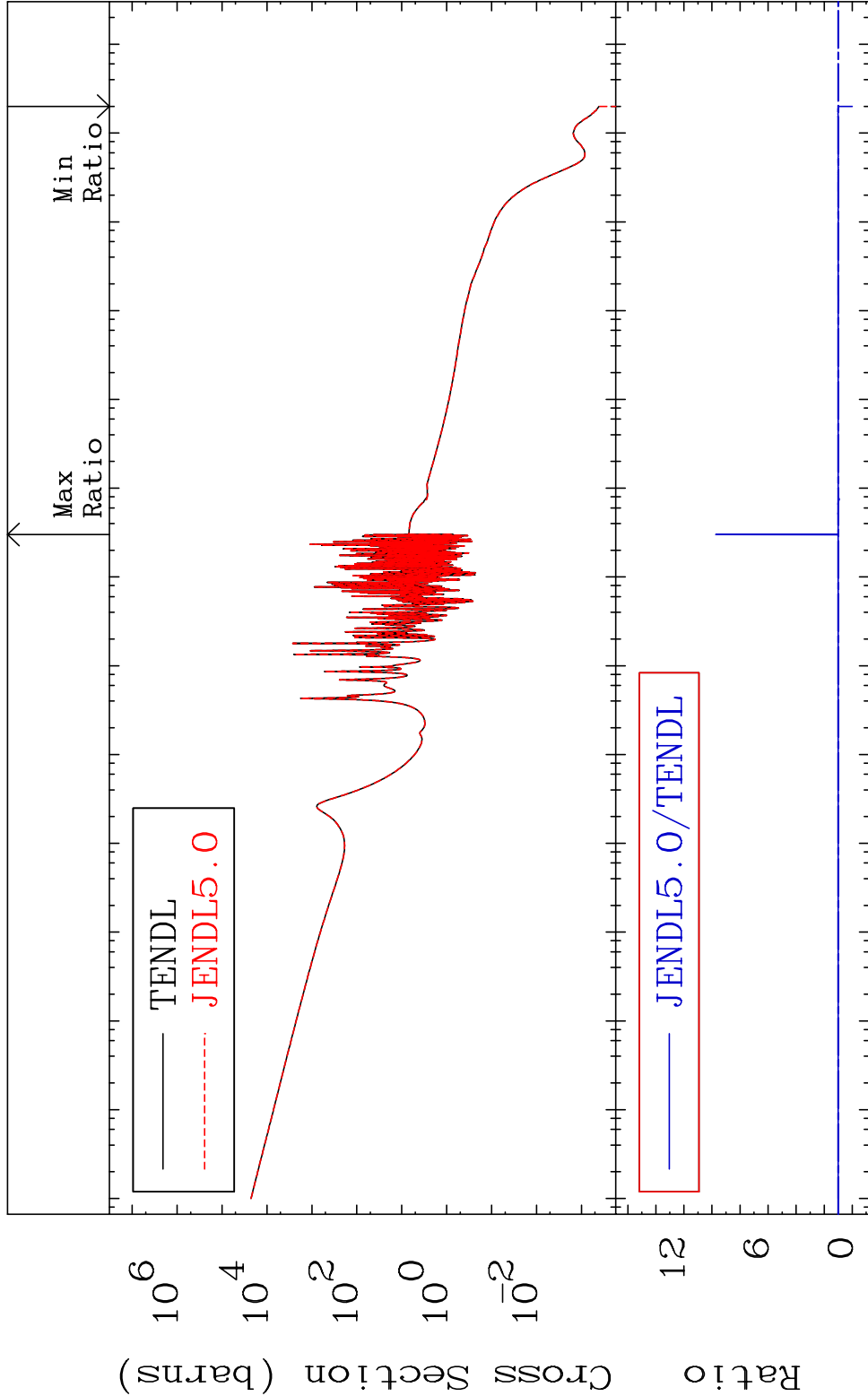


MAT 9443

(n, γ)

94-Pu-241

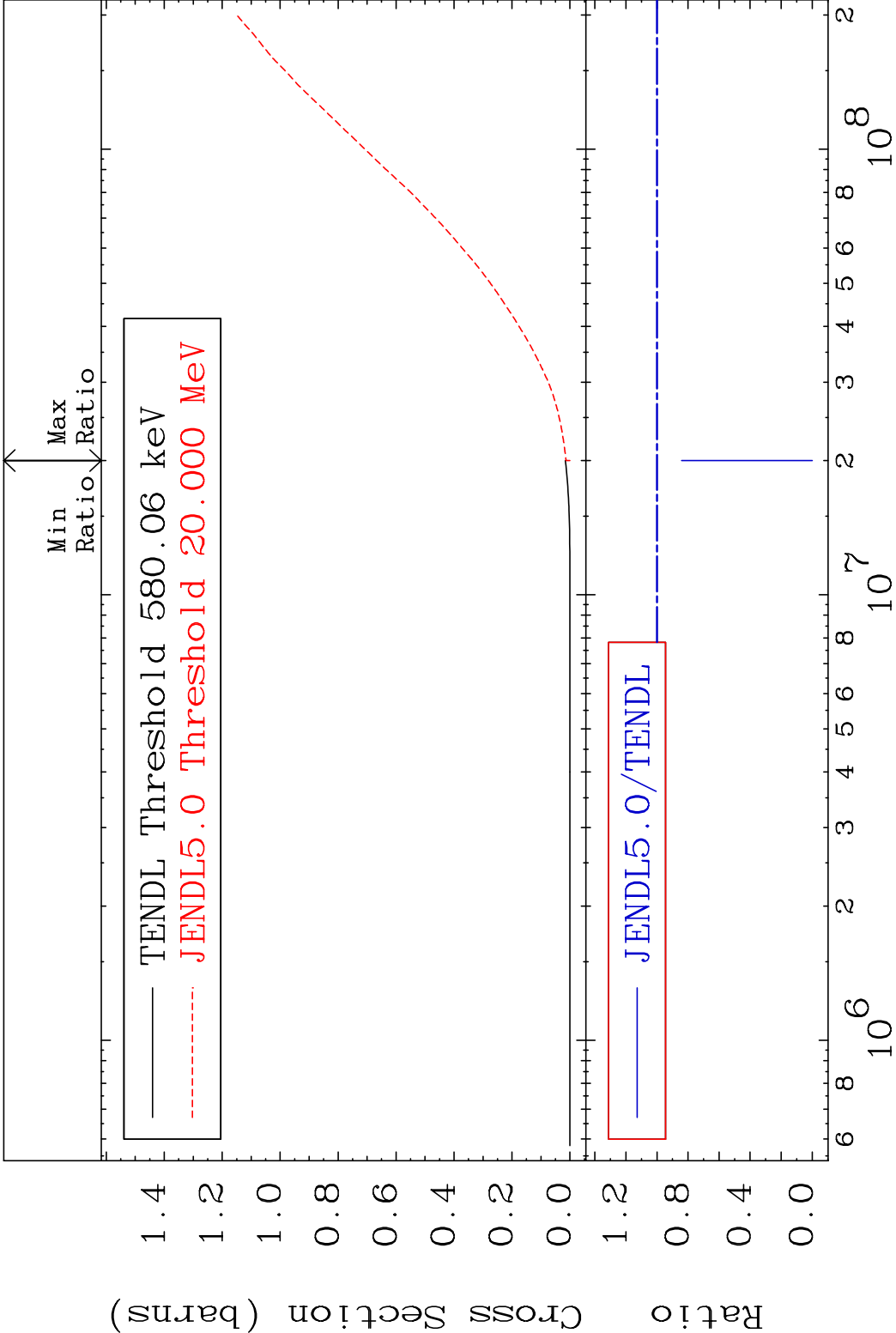
Cross Section -100.0 To 873.6 %

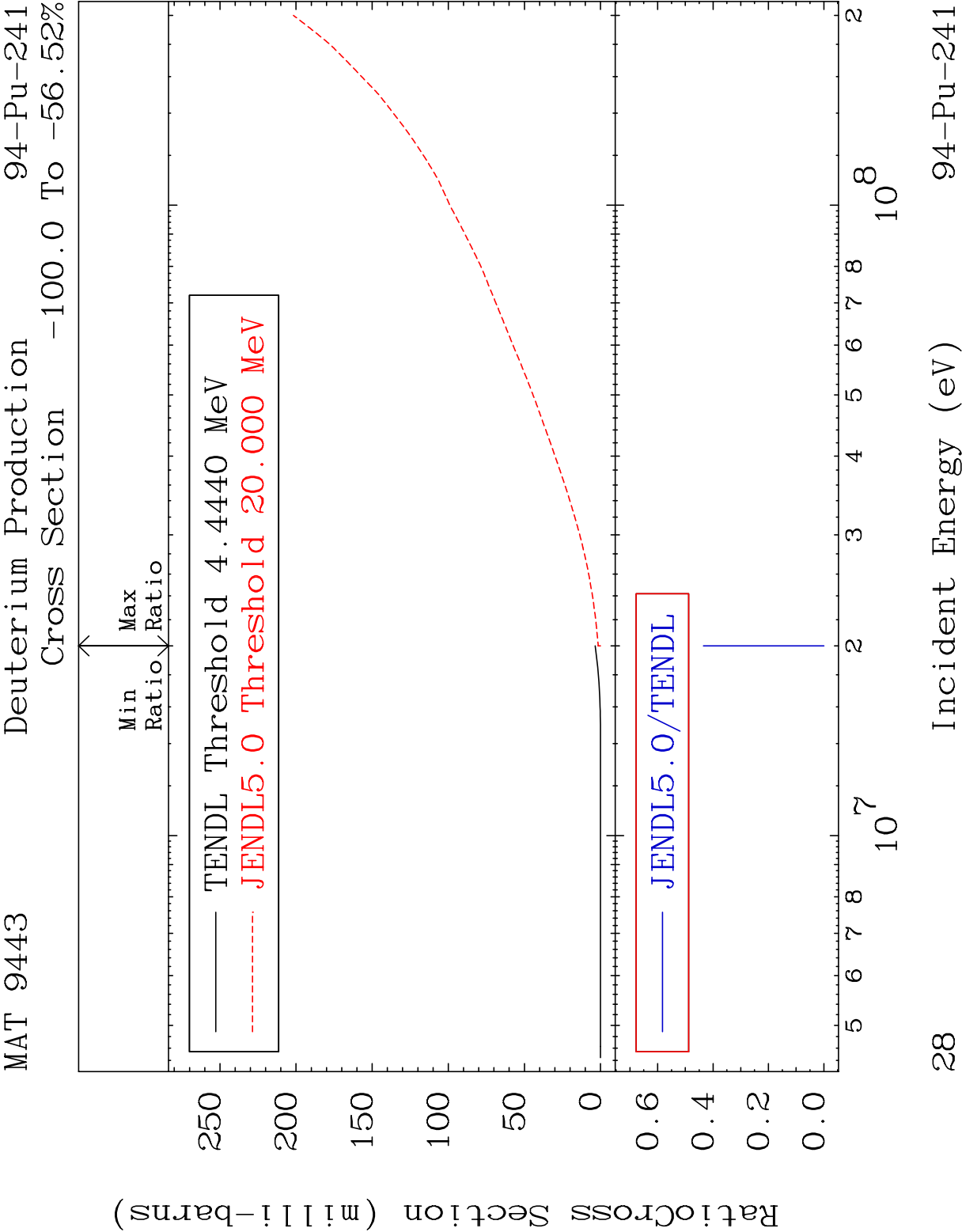


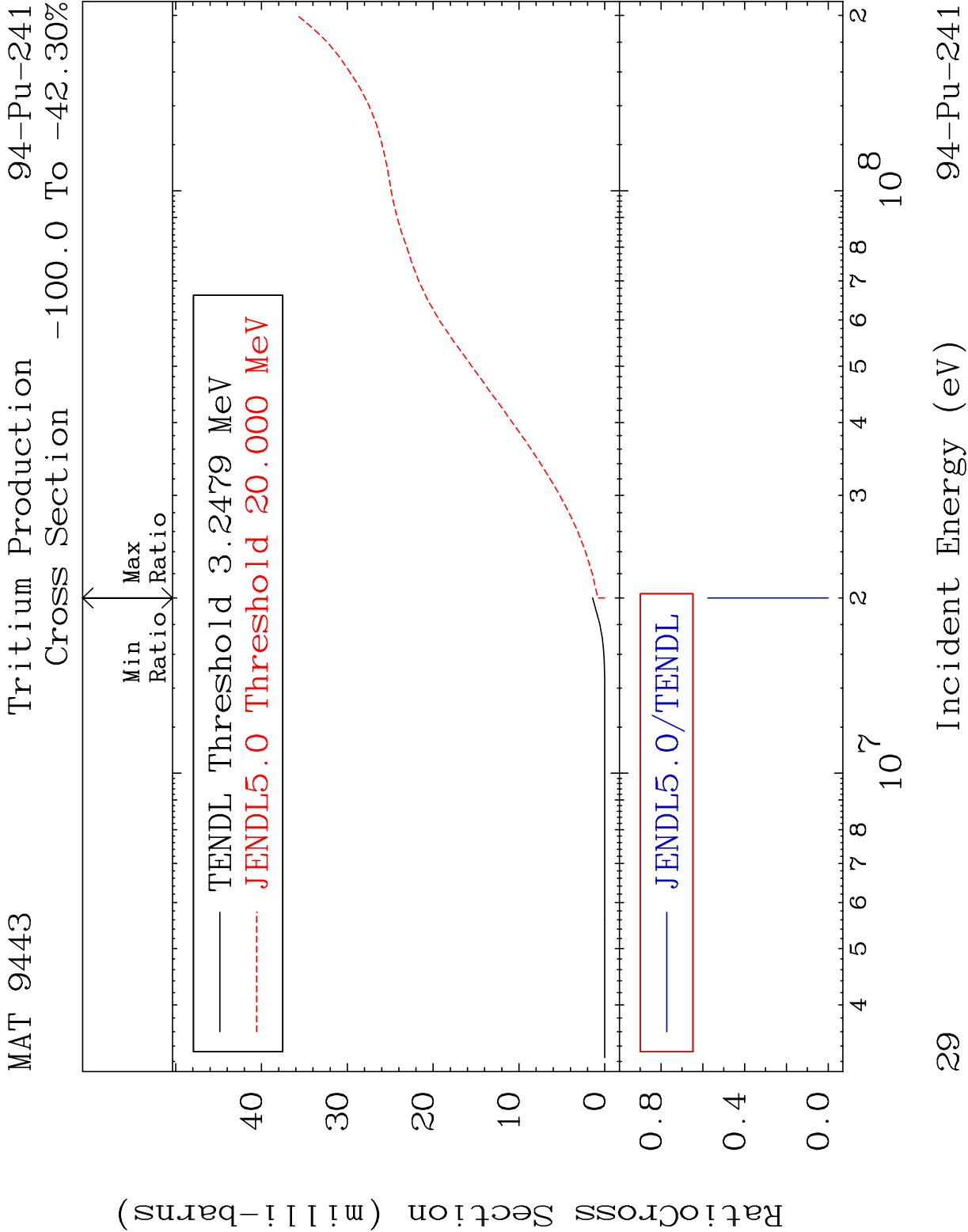
26

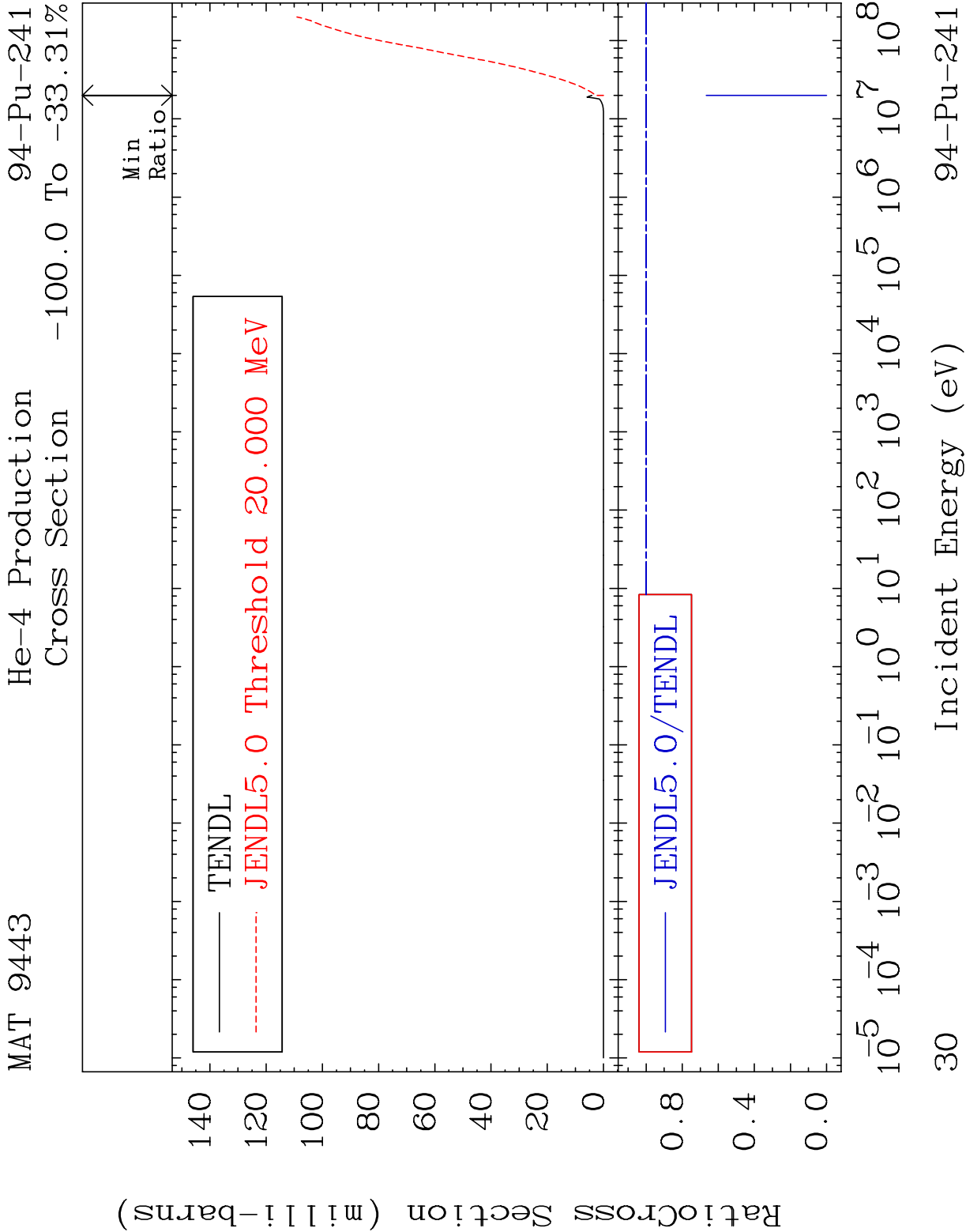
Incident Energy (eV)

94-Pu-241

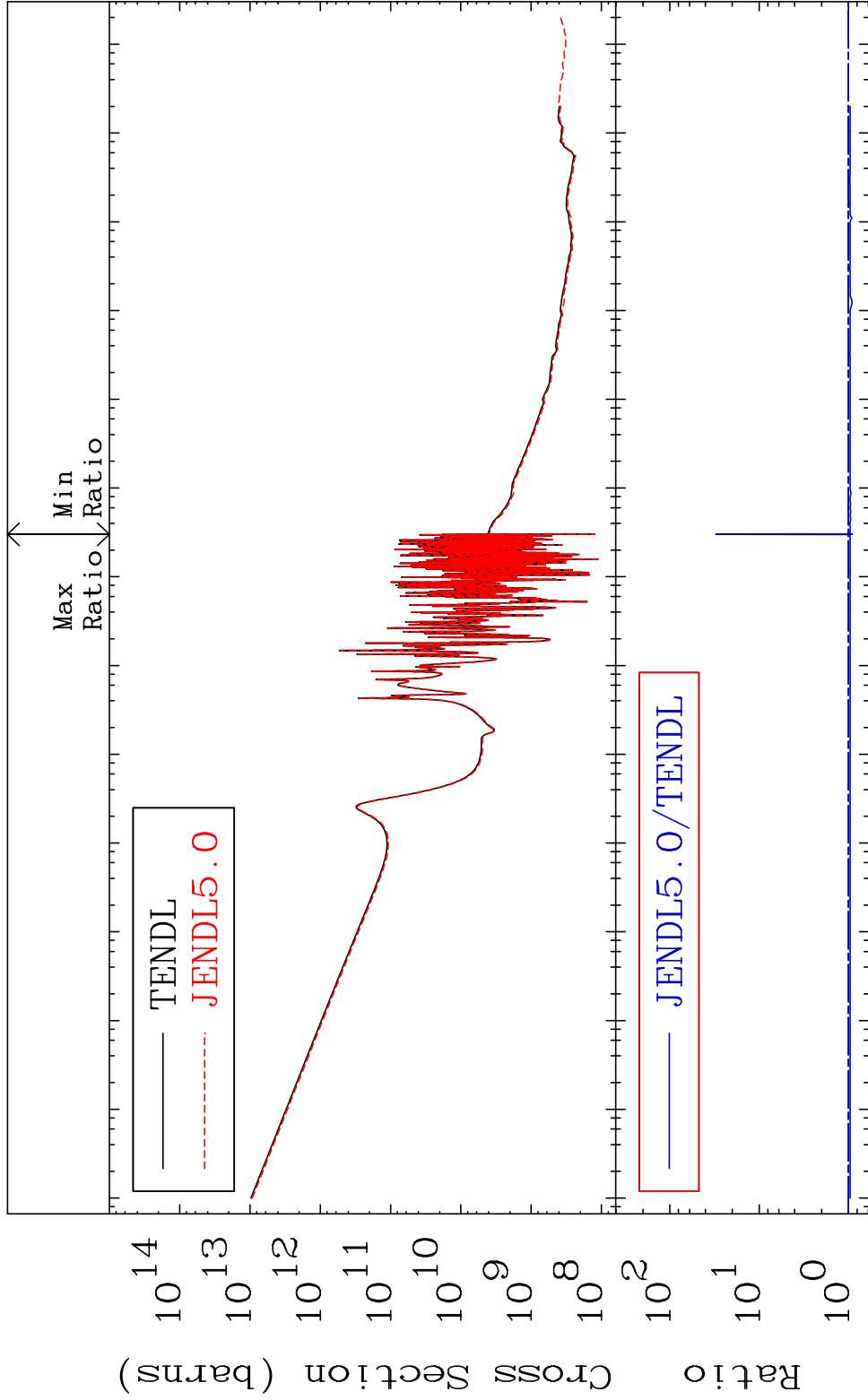








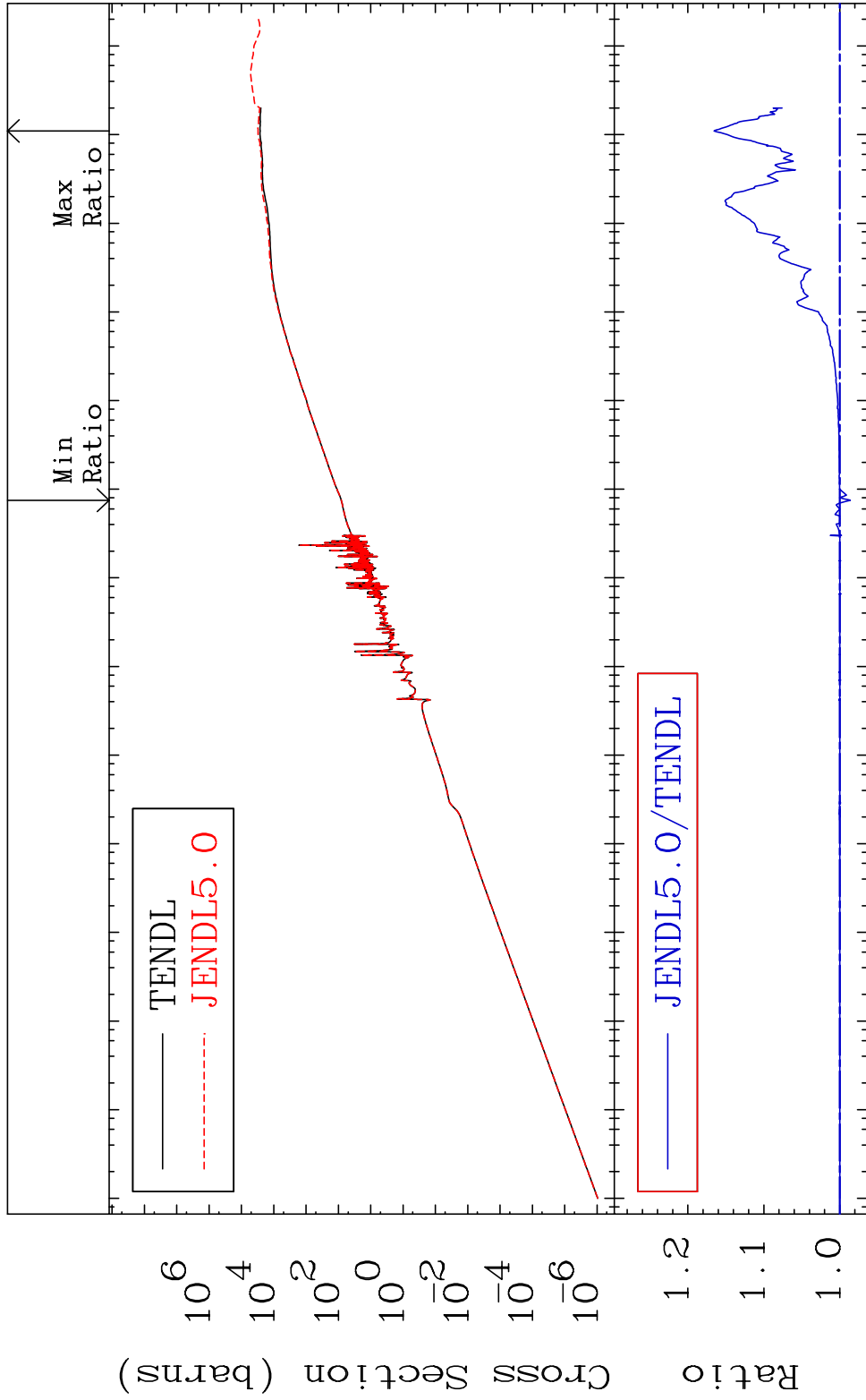
MAT 9443 Kerma total (eV-barns) 94-Pu-241
Cross Section -9.261 To 2967. %



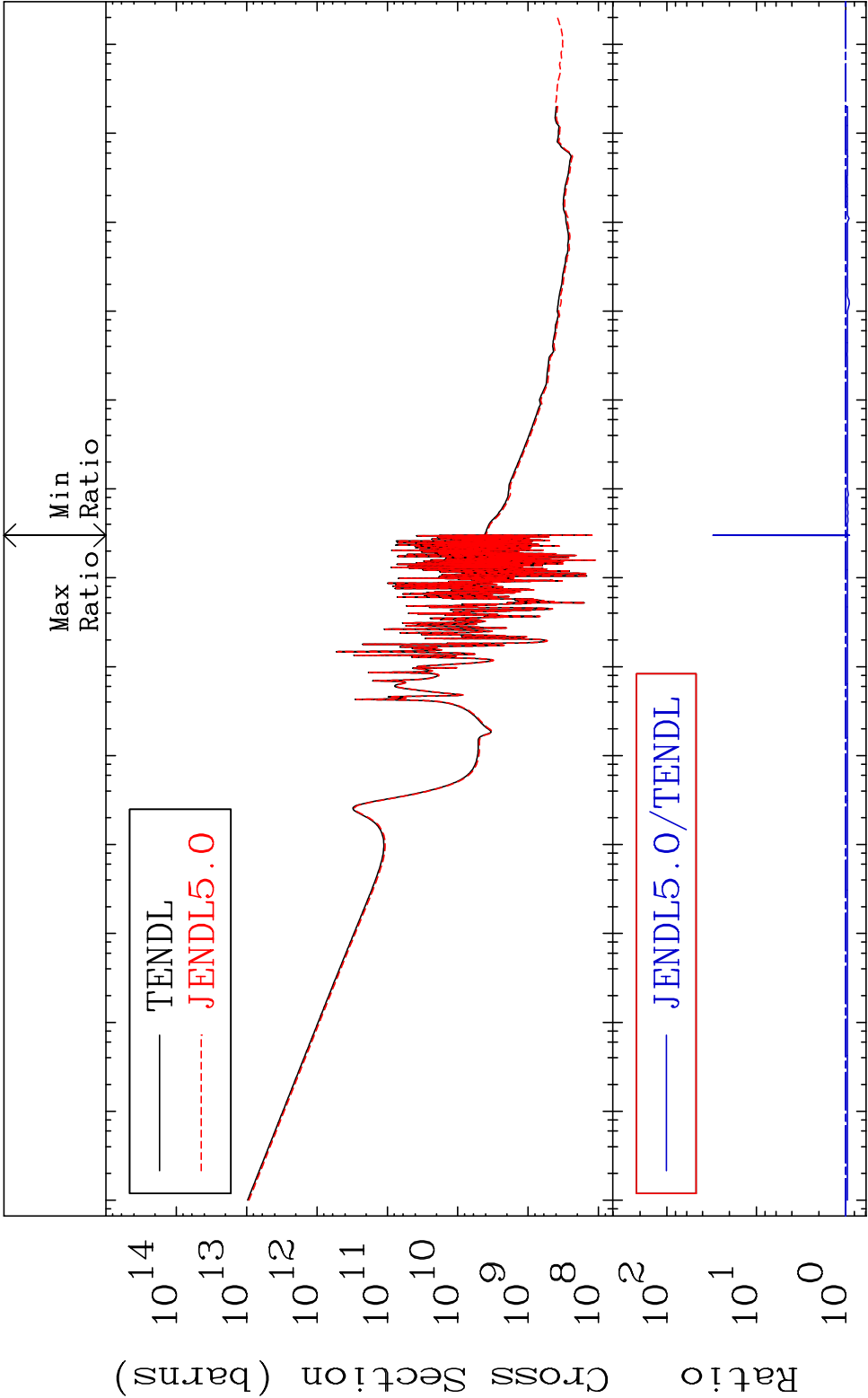
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

31 Incident Energy (eV) 94-Pu-241

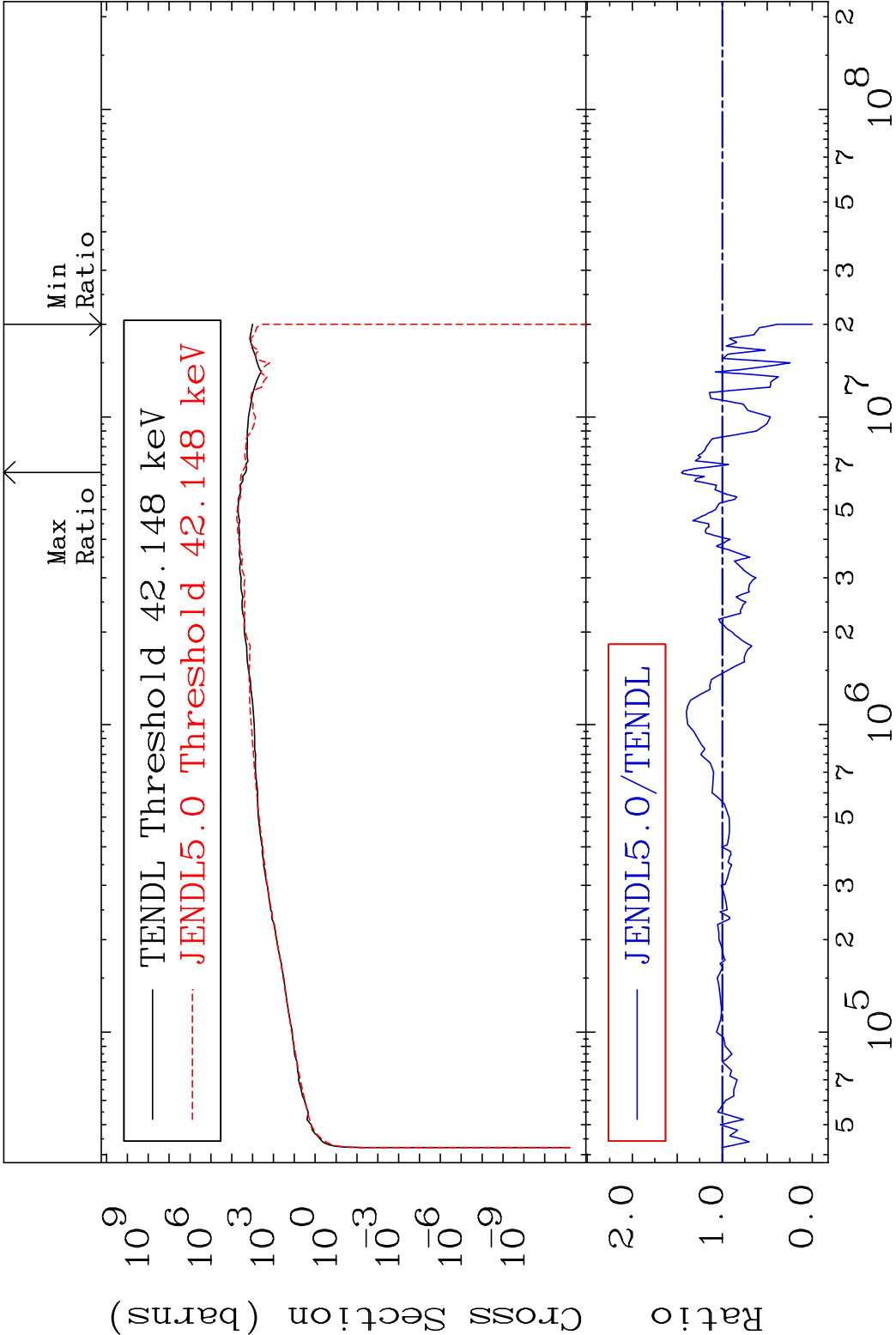
MAT 9443 Kerma elastic 94-Pu-241
Cross Section -1.382 To 16.56 %



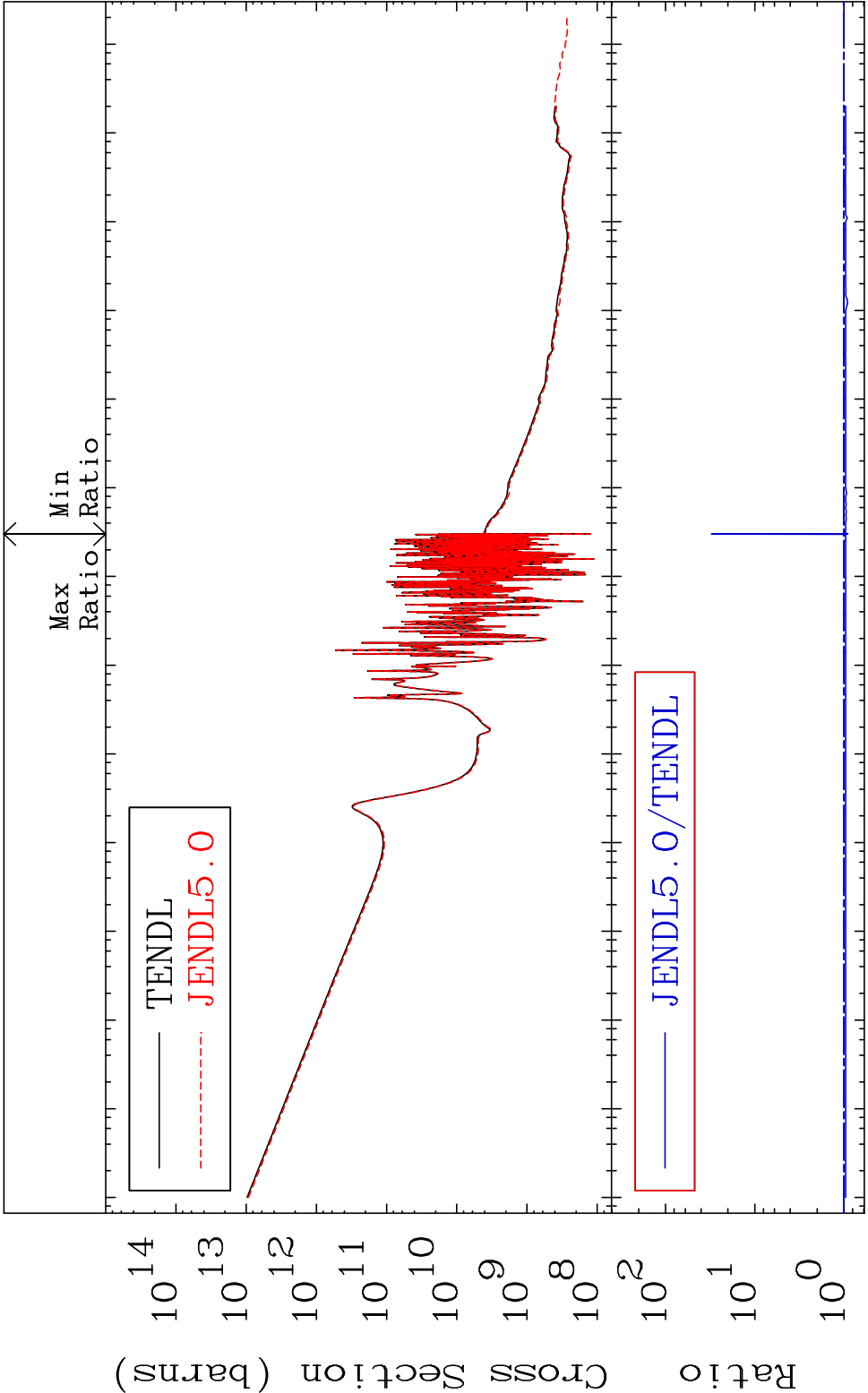
MAT 9443 Kerma non-elastic (all but mt2) 94-Pu-241
 Cross Section -9.261 To 2967. %

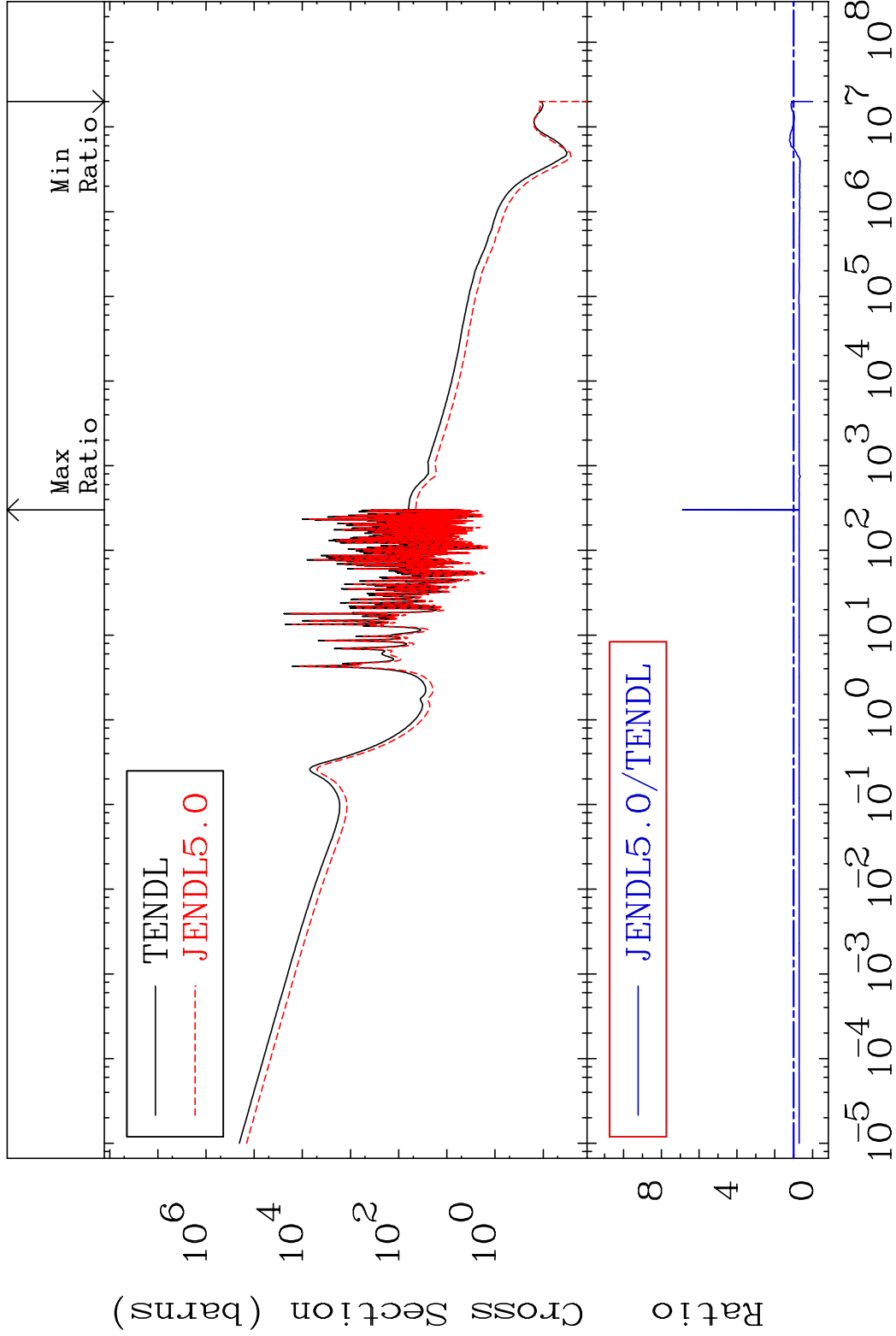


33 Incident Energy (eV) 94-Pu-241

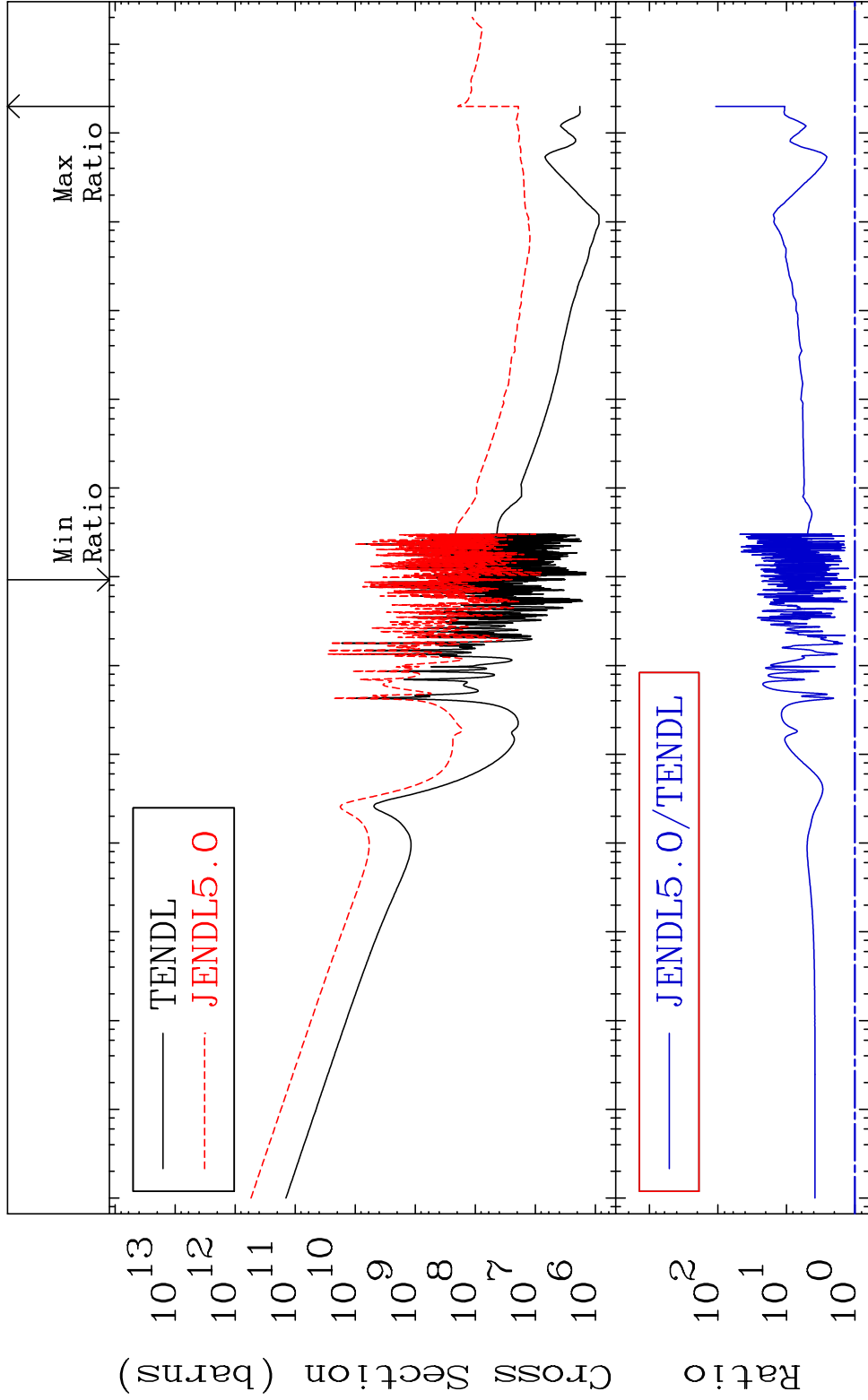


MAT 9443Kerma fission (mt18 or mt19-20-21-38)94-Pu-241
Cross Section -9.261 To 2967. %



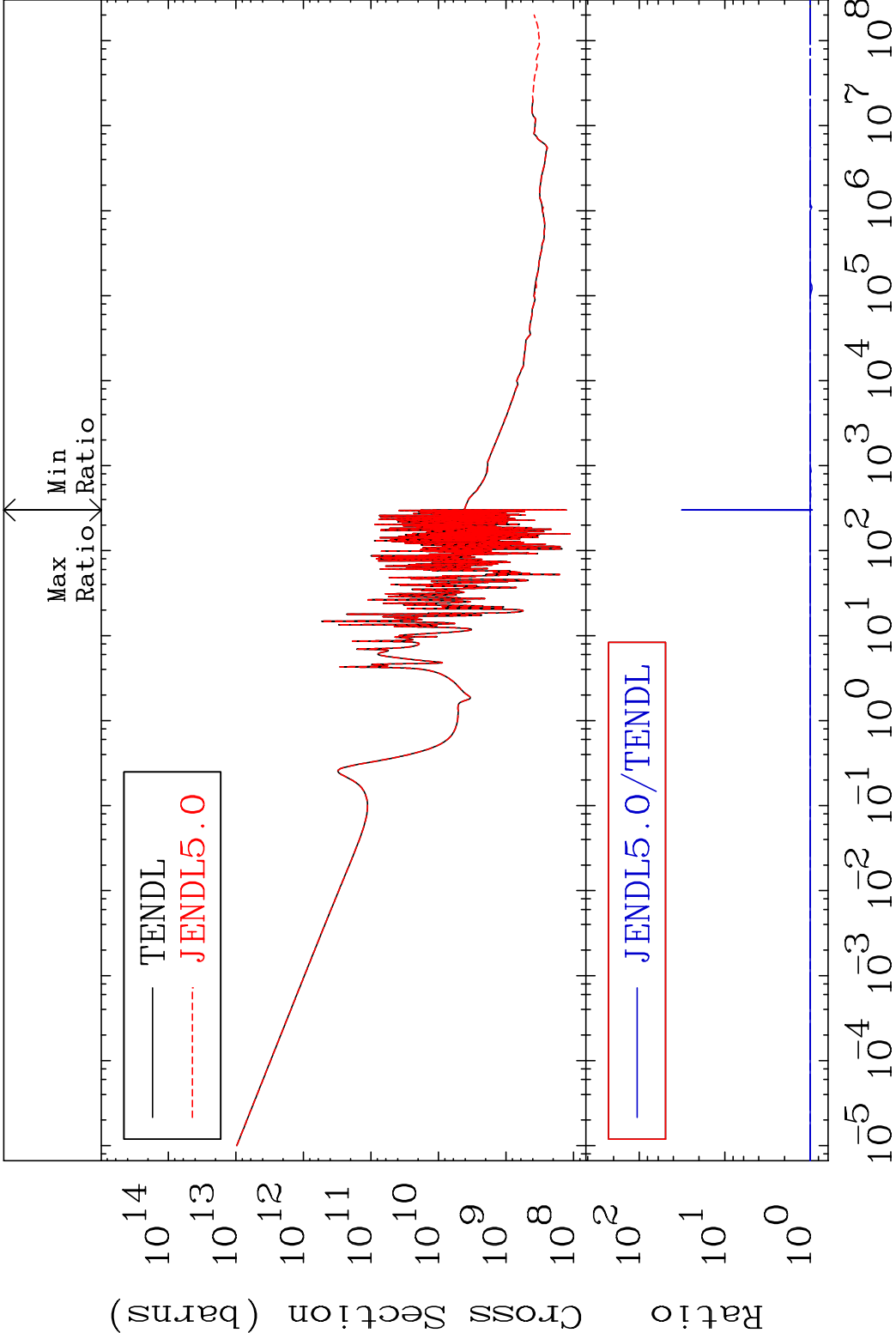


MAT 9443 Total photon (eV-barns) 94-Pu-241
Cross Section 9.679 To 9999. %



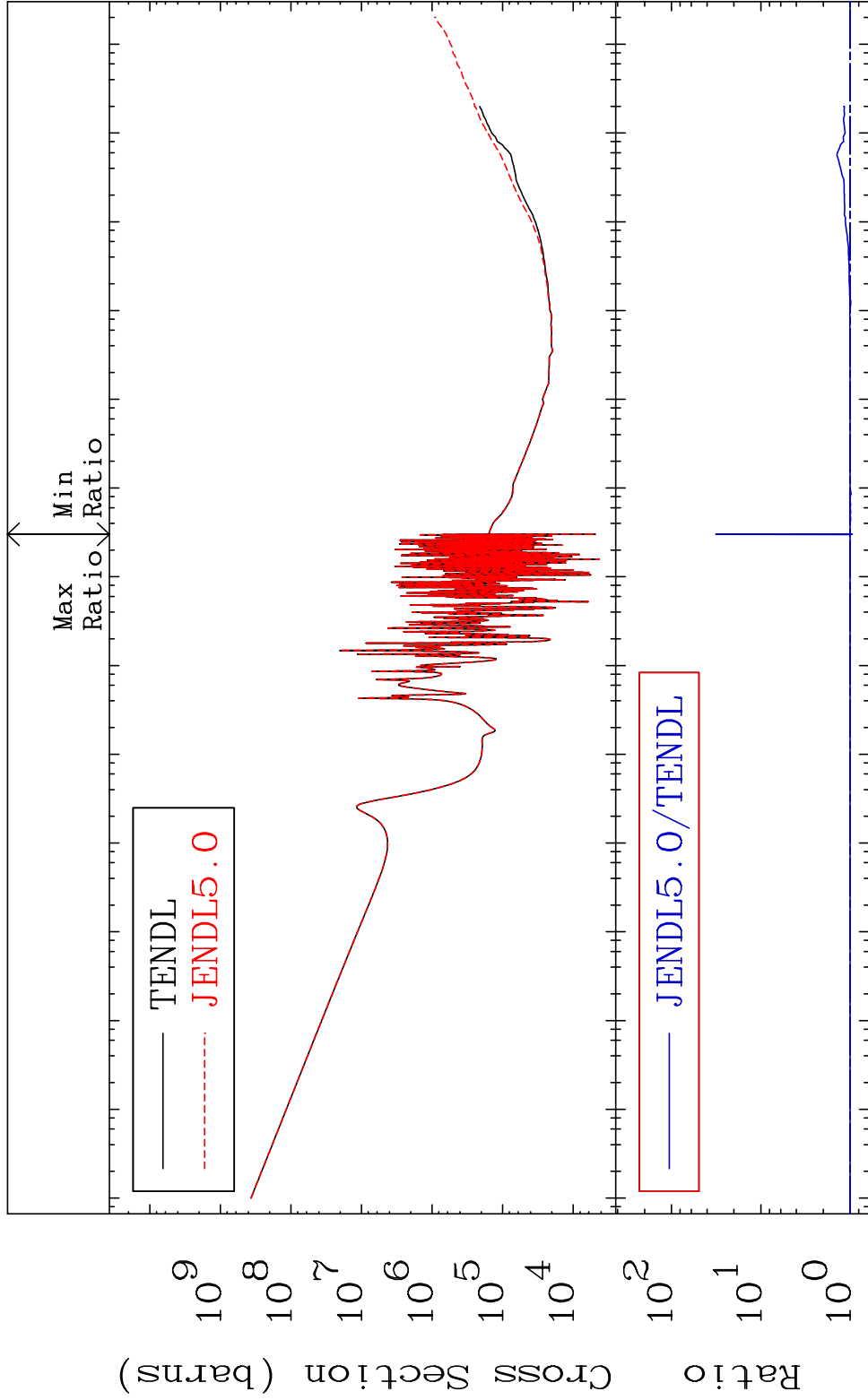
37 Incident Energy (eV) 94-Pu-241

MAT 9443 Total kinematic kerma (high limit) 94-Pu-241
Cross Section -5.307 To 3100. %



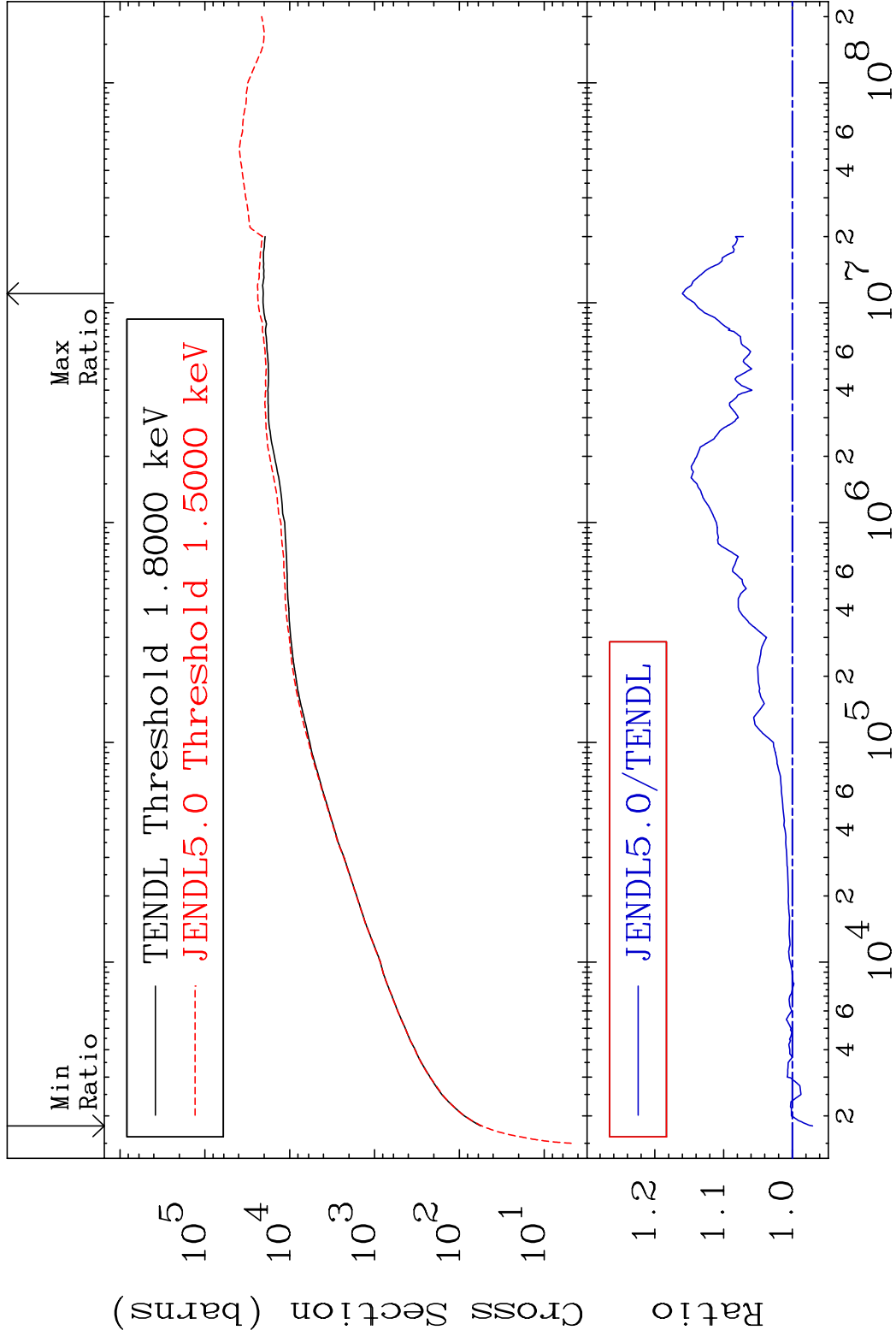
38 Incident Energy (eV) 94-Pu-241

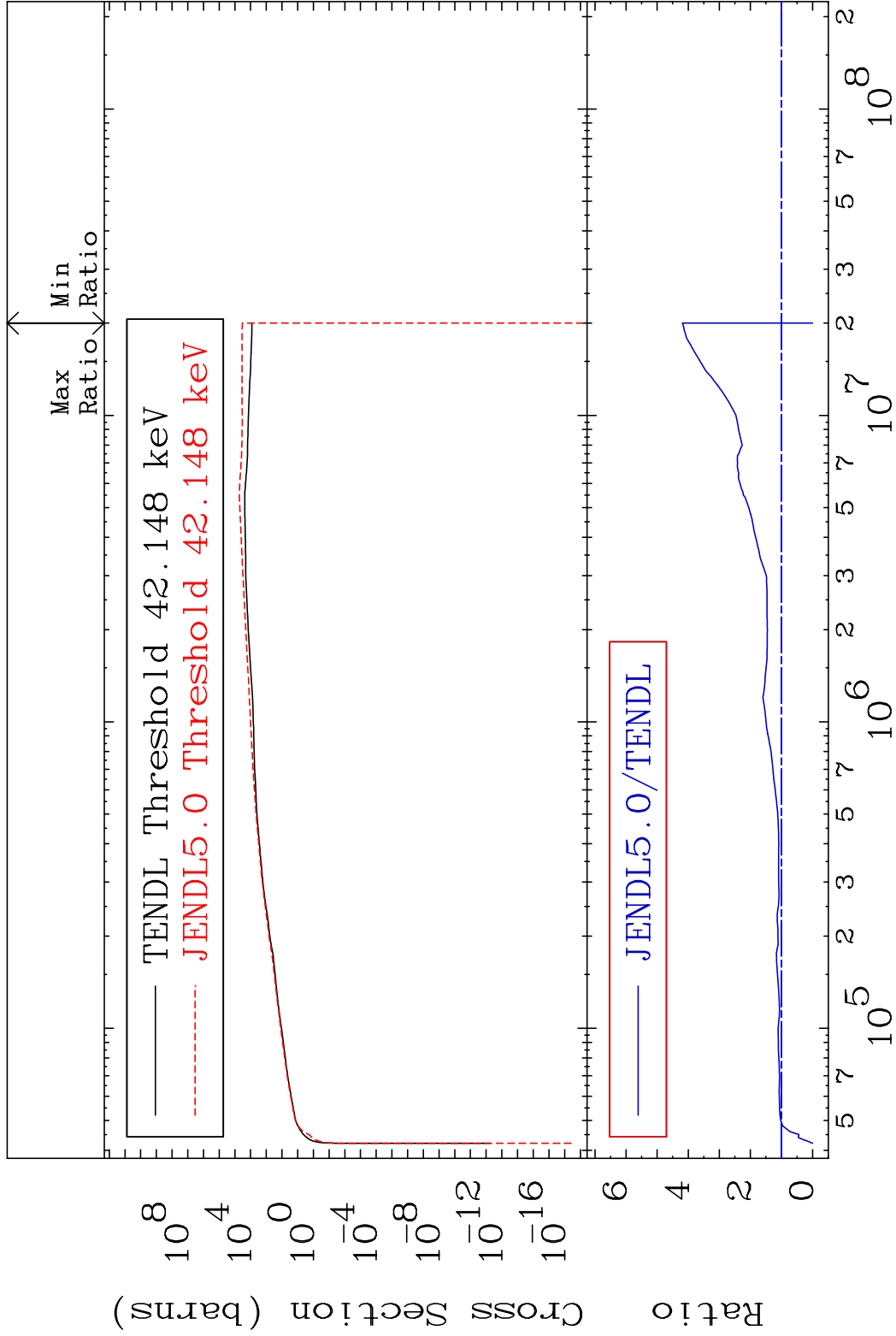
MAT 9443 Dpa total (eV-barns) 94-Pu-241
Cross Section -5.159 To 3105. %



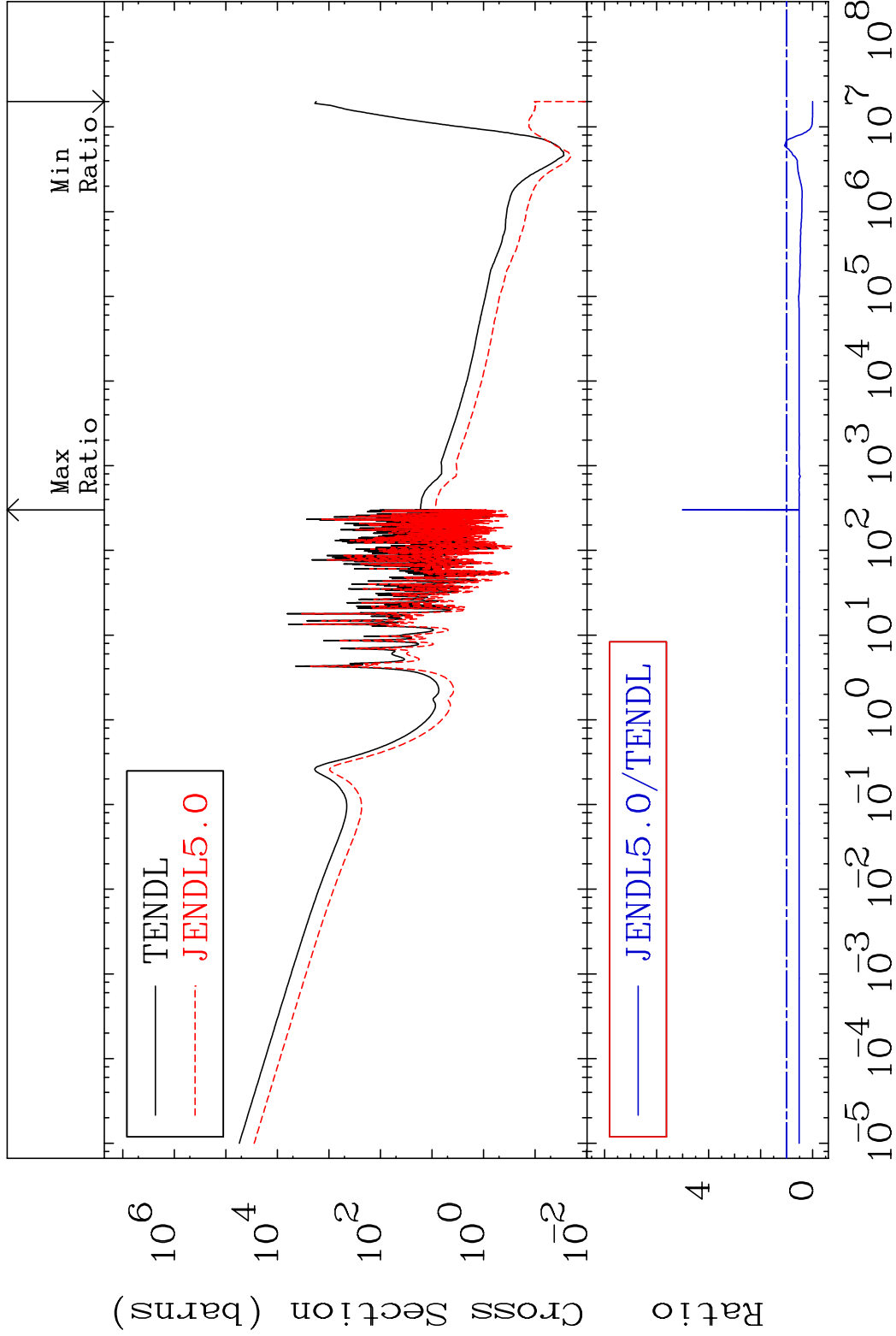
39 Incident Energy (eV) 94-Pu-241

MAT 9443 Dpa elastic (mt2) 94-Pu-241
Cross Section -2.953 To 16.00 %





MAT 9443 Dpa disappearance (mt102 -120) 94-Pu-241
Cross Section -100.0 To 400.9 %



42 Incident Energy (eV) 94-Pu-241