

Electronic Supporting Information

Pathways of Cylindrical Orientations in PS-*b*-P4VP Diblock Copolymer Thin Films upon Solvent Vapor Annealing

E. Bhoje Gowd^{1,2,3*}, Tadanori Koga², Maya K. Endoh,² Kamlesh Kumar³ and Manfred Stamm^{3,4}

¹Materials Science and Technology Division, CSIR-National Institute for Interdisciplinary Science and Technology, Trivandrum-695 019, Kerala, India

² Chemical and Molecular Engineering Program, Department of Materials Science and Engineering, Stony Brook University, Stony Brook, NY 11794-2275, USA

³Department of Nanostructured Materials, Leibniz Institute of Polymer Research Dresden, Hohe Strasse 6, 01069, Dresden, Germany

⁴Physical Chemistry of Polymer Materials, Technische Universität Dresden, 01062 Dresden, Germany

*Corresponding Author:

E-mails: bhojegowd@niist.res.in

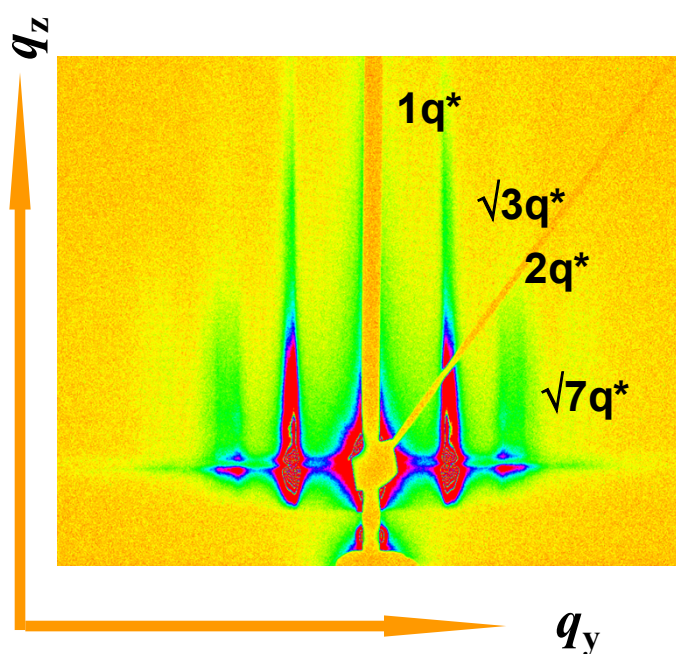


Figure S1. 2D GISAXS image collected for the perpendicularly oriented PS-b-P4VP cylinders ($C\perp$) at a rotation angle.

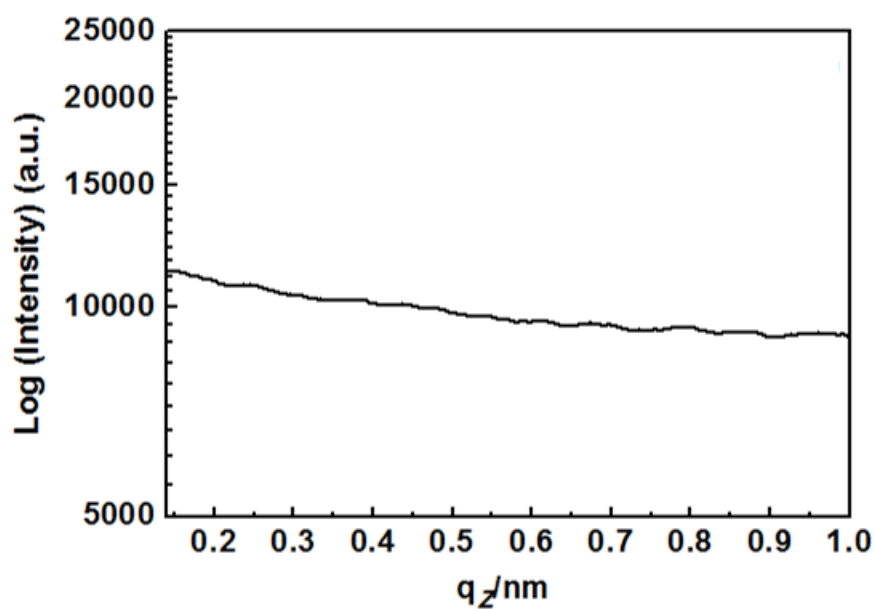


Figure S2. The *Out-of-plane* GISAXS line profile at $t = 10$ min (swollen state) for perpendicularly oriented PS-b-P4VP cylinders ($C\perp$) upon the exposure to the saturated vapors of chloroform.