



Figure S1. Glass transition temperature for crosslinked PB models composed of randomly distributed different lengths of sulfur chains when the molar mass of sulfur is constant but the degree of crosslinking changes for all models: PB crosslinked with (a) mono-sulfur (S1), (b) di-sulfur (S2), (c) tri-sulfur (S3), (d) tetra-sulfur (S4), (e) penta-sulfur (S5), (f) hexa-sulfur (S6), (g) hepta-sulfur (S7), and (h) octa-sulfur (S8).