Electronic Supplementary Material (ESI) for CrystEngComm.

-Supplementary Material-

Influence of composition on the isothermal crystallization of segmented thermoplastic polyurethanes

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-FIGURE S1-

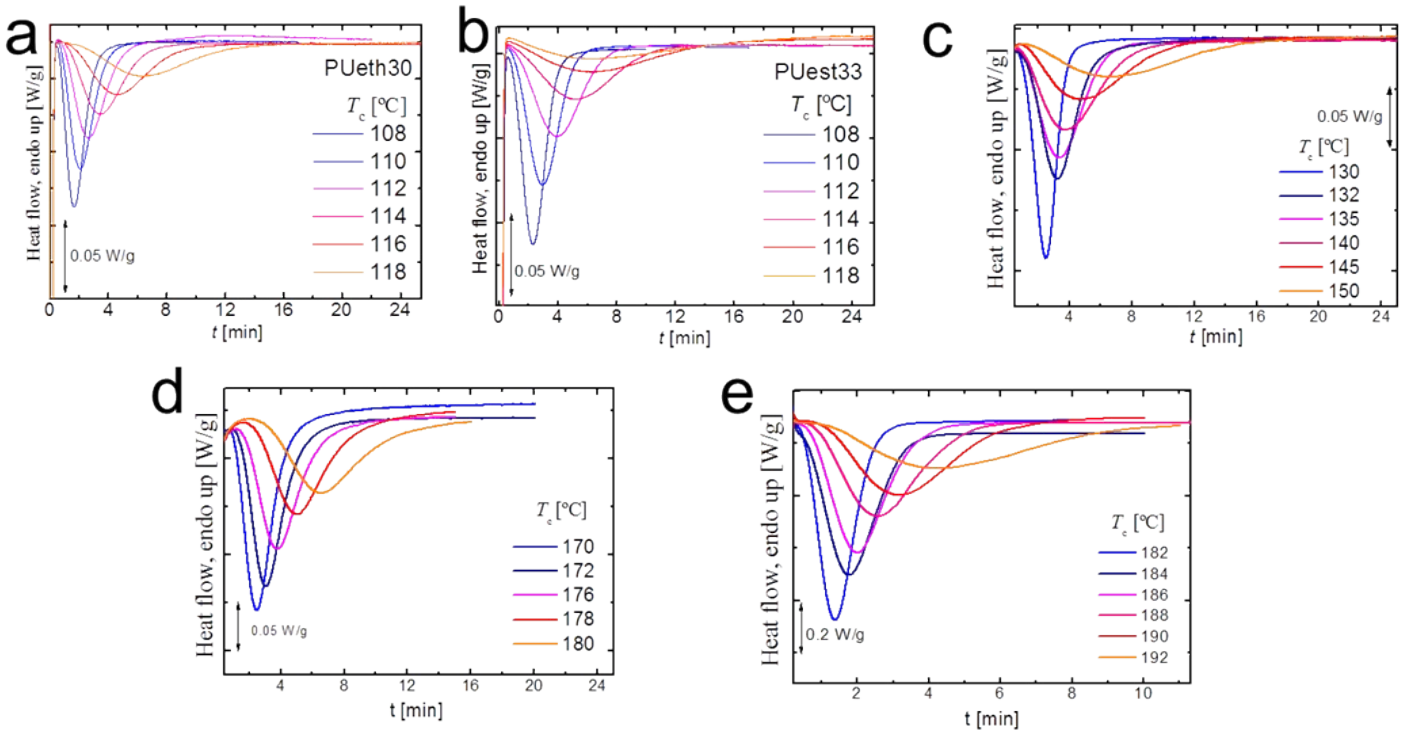

Figure S1. Isothermal crystallization studied by DSC. Heat flow versus time at the indicated temperatures for a) PUeth30, b) PUest33, c) PUeth43, d) PUest60 and e) MDI-BD.

-FIGURE S2-

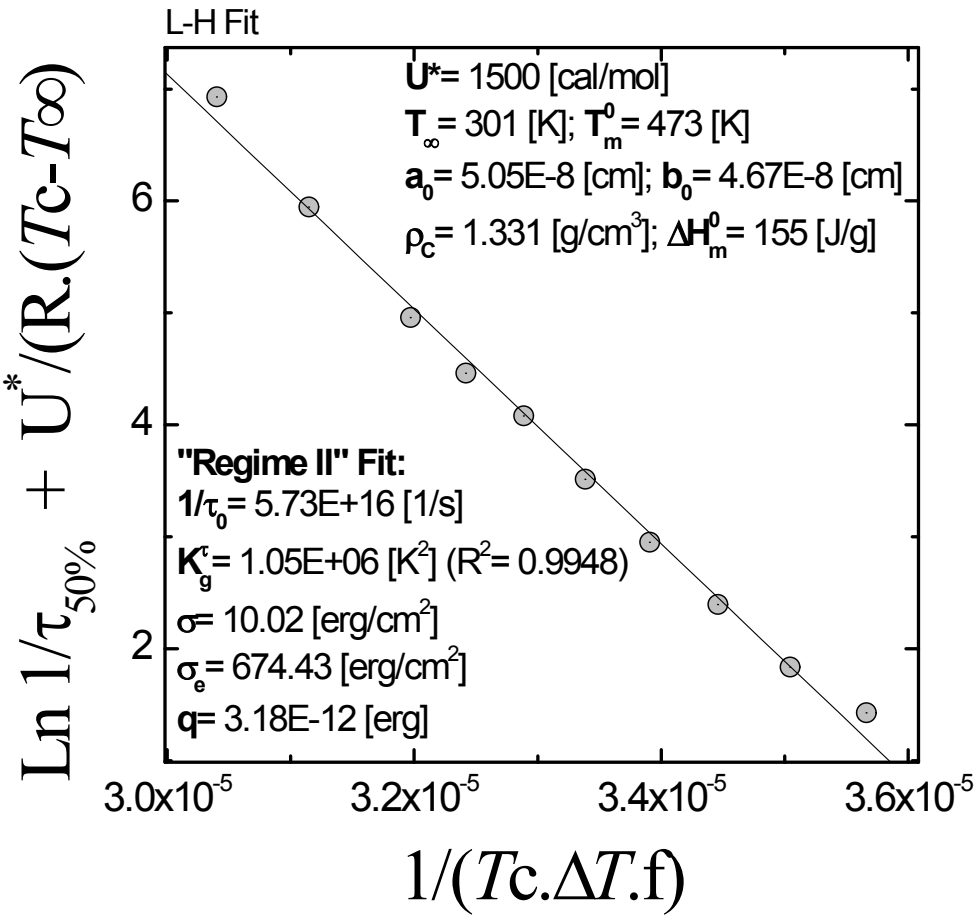

Figure S2. Representative linear fit of DSC data to Lauritzen-Hoffman model. The data corresponds to the isothermal crystallization of PUeth30 at different temperatures. In the inset data regarding the fitting parameters employed and results of the fitting are included.

-FIGURE S3-

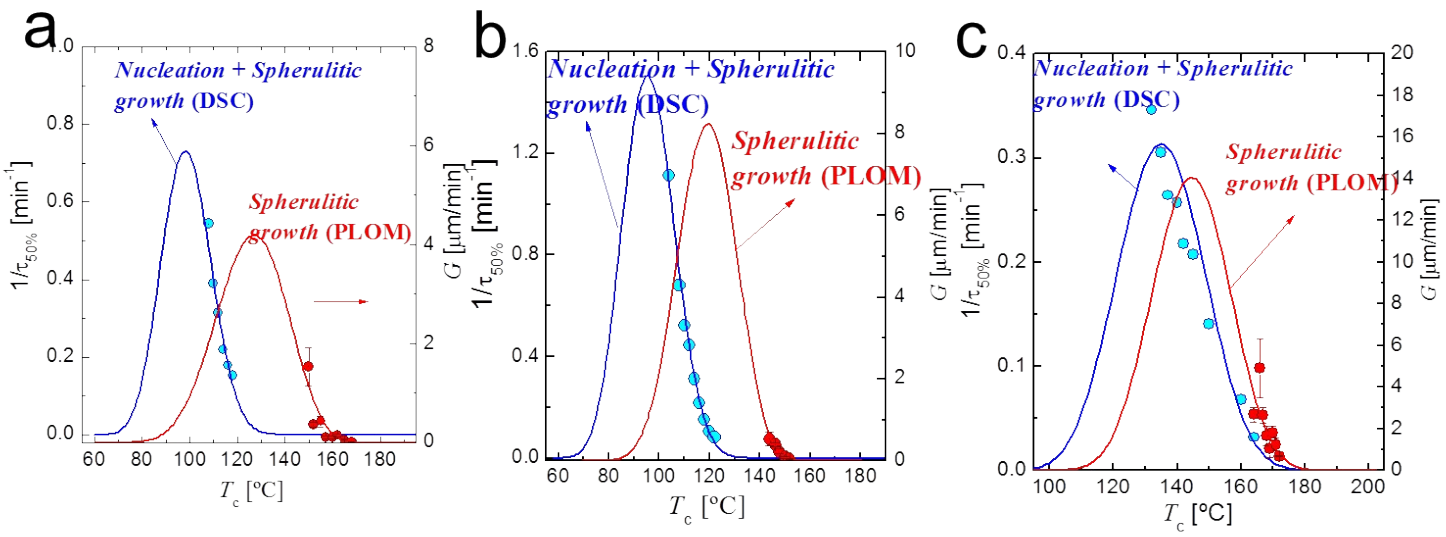

Figure S3. Comparison between crystallization data obtained by DSC (nucleation+grwoth) and PLOM. (growth). a) PUest33, b) PUeth30 and c) PUeth43. The points correspond to experimental data while the lines are the corresponding L-H fits with the conditions (Tg0, Tm0, DHm0) presented in Table 3**.**

- FIGURE S4-

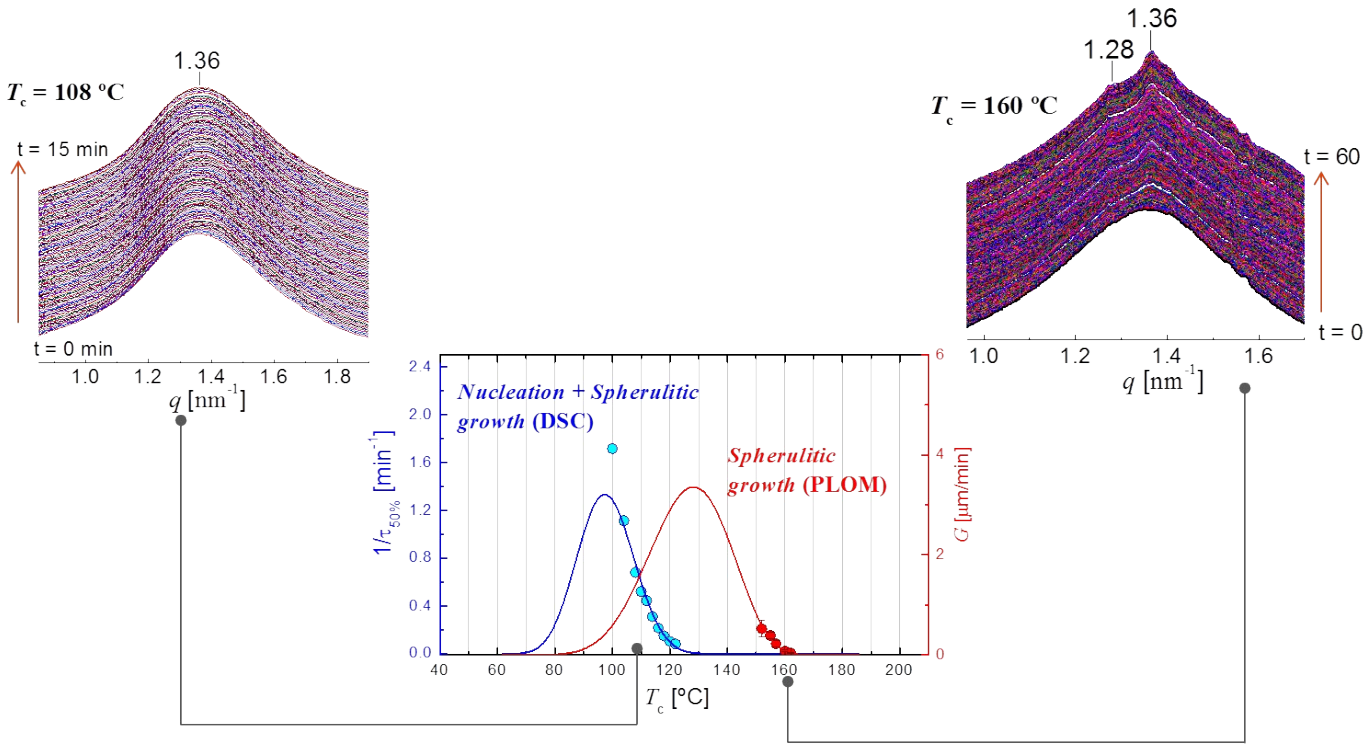

Figure S4. **Isothermal crystallization as followed by synchrotron WAXS.** Patterns of PUeth30 crystallized at a) 108 ºC and b) 160 ºC.