Electronic Supporting Information

for

Novel Polymer Synthesis Methodologies Using Combinations of Thermally- and Photochemically-induced Nitroxide Mediated Polymerization

Jason Morris,[a,b] Sofia Telitel,[c] Kathryn E. Fairfull-Smith,[b] Steven E. Bottle,[b] Jacques Lalevée,[c] Jean-Louis Clément,[a] Yohann Guillaneuf*,[a] and Didier Gigmes*,[a]

* Corresponding Authors

[a] Aix-Marseille Université, CNRS, ICR UMR 7273, 13397 Marseille, France
Fax: +33 (0)4 91 28 87 58; Tel: +33 (0)4 91 28 28 10; E-mail: yohann.guillaneuf@univ-amu.fr

[b] ARC Centre of Excellence for Free Radical Chemistry and Biotechnology, Faculty of Science and Engineering, Queensland University of Technology, 2 George St, Brisbane, QLD 4001, Australia.
E-mail: s.bottle@qut.edu; k.fairfull-smith@qut.edu.au; Fax: +61-7-31381804; Tel: +61-7-31381356.

[c] Institut de Science des Matériaux de Mulhouse IS2M, UMR CNRS 7361, UHA, 15, rue Jean Starcky, 68057 Mulhouse Cedex, France.

Figure S1.

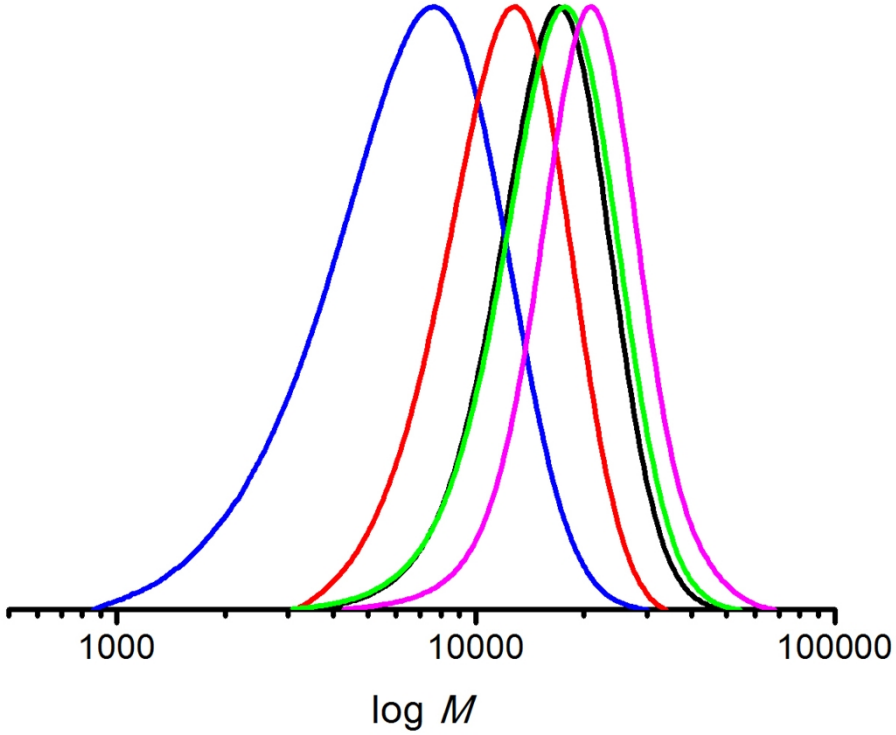

Figure S1. Molar Mass Distribution obtained from the bulk styrene polymerization initiated with **2**. (blue line 27 % conversion); (red line 54 % conversion); (black line 71 % conversion); (green line 74 % conversion); (majenta line 84 % conversion).

Figure S2.

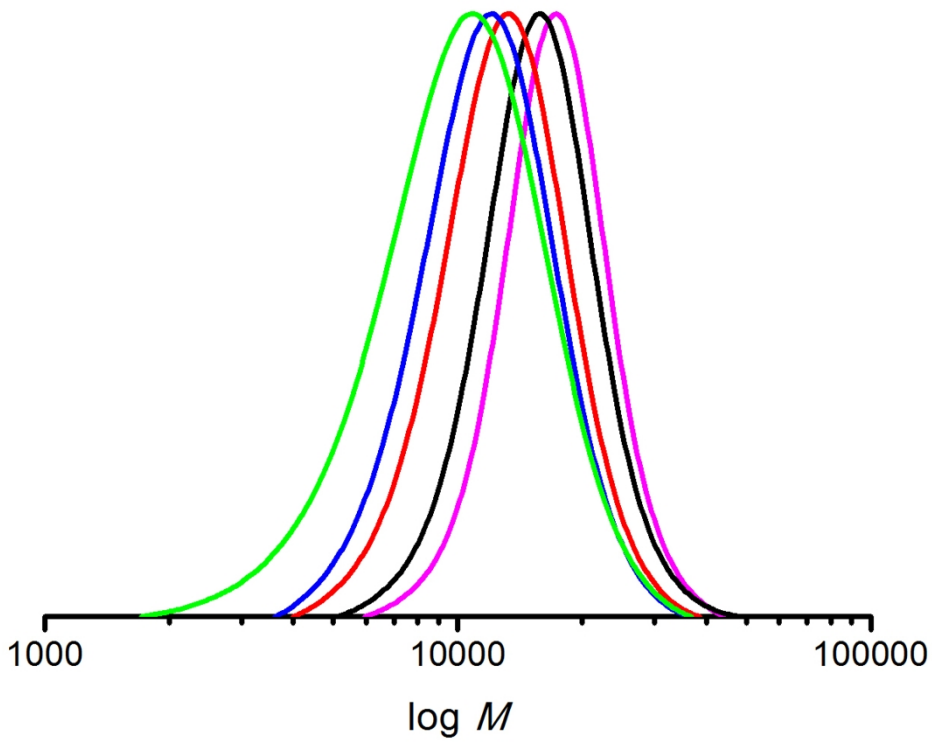

Figure S2. Molar Mass Distribution obtained from the bulk styrene polymerization initiated with **3**. (green line 47 % conversion); (blue line 58 % conversion); (red line 63 % conversion); (black line 74 % conversion)); (majenta line 76 % conversion).

Figure S3.

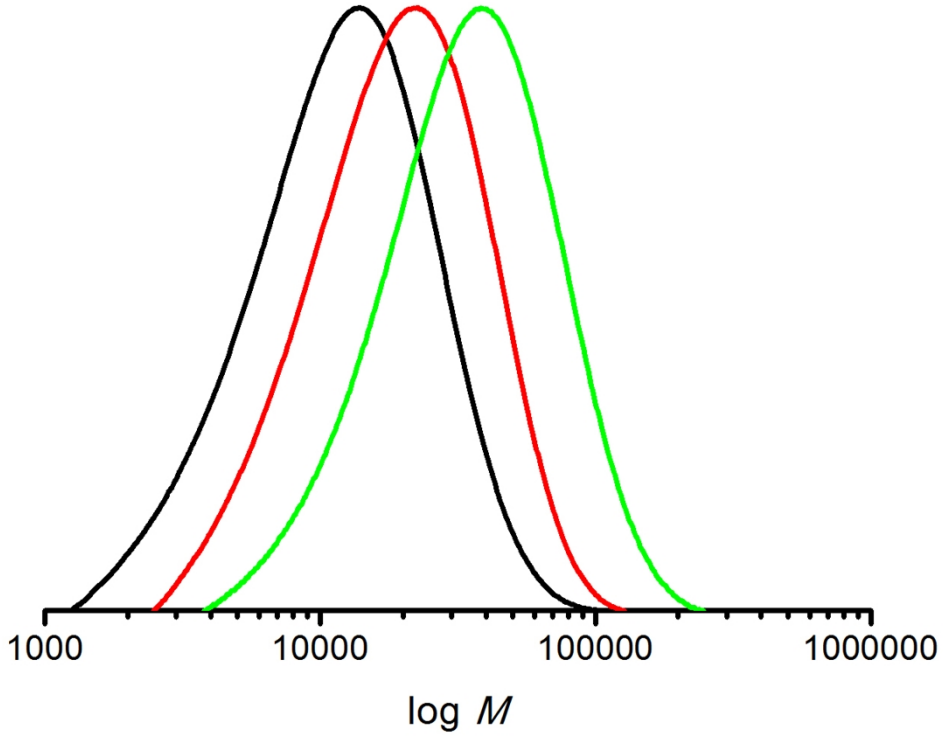

Figure S3. Molar Mass Distribution obtained from the bulk isobornyl acrylate polymerization initiated with **2**. (black line 10 % conversion); (red line 23 % conversion); (green line 58 % conversion).

Figure S4.

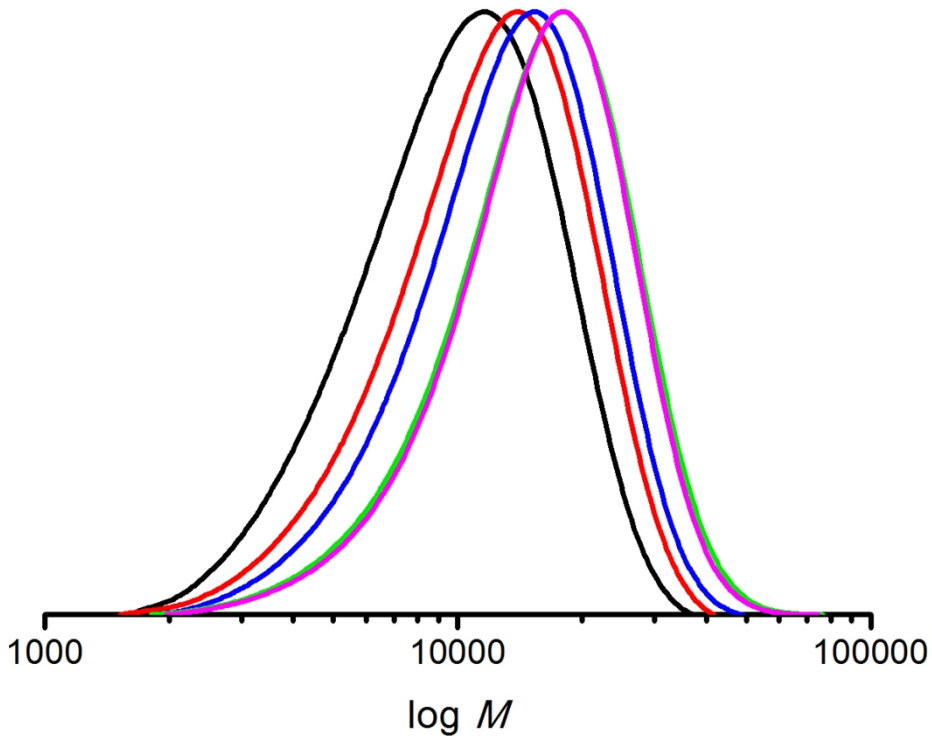

Figure S4. Molar Mass Distribution obtained from the bulk isobornyl acrylate polymerization initiated with **3**. (black line 19 % conversion); (red line 32 % conversion); (blue line 41 % conversion); (green line 59 % conversion)); (majenta line 61 % conversion).