ELSEVIER

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Reply

Response to comments by Asua

The comment on the use of N_c instead of N_0 is appropriate. This use of N_c is given in the Appendix of the original paper[1]. Nevertheless all the results in the original paper still stand as shown in *Figure 1*. As shown in the figure, there is practically no difference between the two cases except for the re-entry, which shows a slight difference in the region of low initiator concentration.

Equation (17) in the comments had already been mentioned in the original paper as being similar to that by Asua *et al.*[2]

There is a misunderstanding on the part of Dr Asua with regard to the point (iv). It is shown in the original paper (the paragraph below eqn (24)) that the re-entry rate of long chain hydrophobic species from the aqueous phase is negligible.

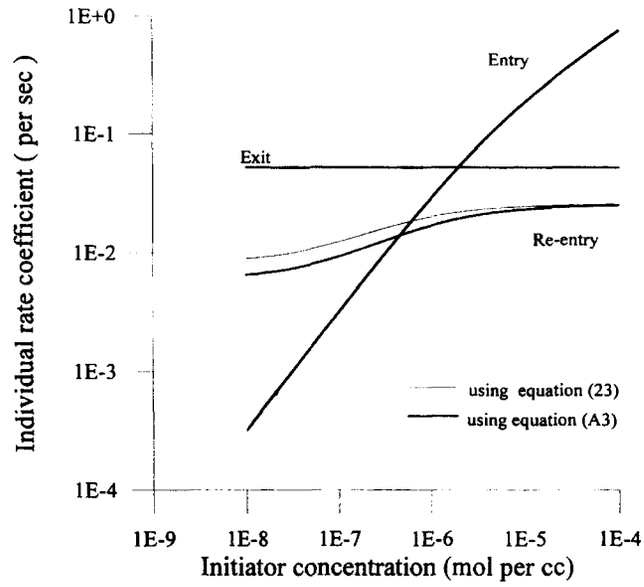

Figure 1 Dependence of individual rate coefficients on initiator concentration. The thin solid lines represent the rates when the formulation in the Appendix is used and the thick solid lines when the formulation in the text is used.

REFERENCES

1. Kim, J. U. and Lee, H. H., *Polymer*, 1996, **37**, 1941.
2. Asua, J. M., Sudol, E. D. and El-Aasser, M. S., *Journal of Polymer Science: Part A: Polymer Chemistry*, 1989, **27**, 3903.

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