Supplementary Material For PCCP Manuscript B904687A

Version: 9 March 2009

“Competition Between Cluster Fragmentation, C-C Bond Coupling and C-X Bond Activation in Silver Hexynyl Cluster Cations, \([\text{Ag}_n\text{Ag}]^+\). Size Does Matter!”

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List of Supplementary Material:

Supplementary Figures S1 and S2.
Supplementary Figure S1: CID on $[(C_4H_9CCAg)_{12}Ag_2Cl]^+$ (m/z 2518.6) in the QTof mass spectrometer. Isolation width, 9 m/z; CID energy 35 V. Note that the main fragment ions $[(C_4H_9CCAg)_nAg]^+$ where n = 5, 6, 7 and 9. A * denotes the mass selected precursor ion.
**Supplementary figure S2**: CID of [(C₄H₉Ag)Ag]⁺ on the LCQ mass spectrometer. Peak isolation width, 1.3 m/z; normalized collision energy (NCE), 50%; activation Q, 0.25; activation time, 30 msec. A # denotes solvent addition and a * denotes the mass selected precursor ion.