

Figure S1. LCQ CID MS/MS of the $[5/6-5H]^+$ ion of (a) adenine; (b) 6-N,N-dimethyladenine. Note that adducts with background water or methanol are denoted as ‡ and § respectively.

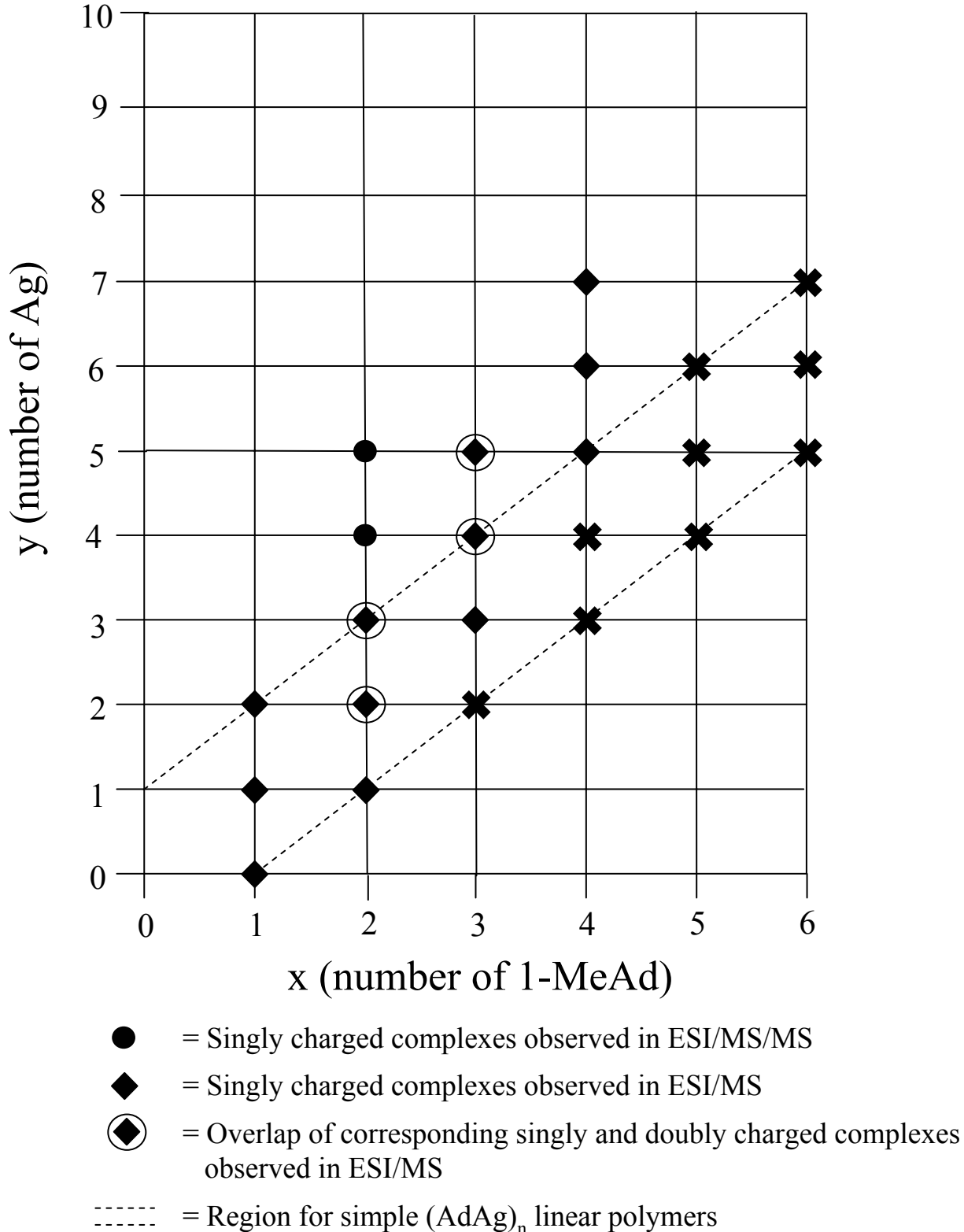


Figure S2. Map of the $[1\text{-MeAd}_x + \text{Ag}_y\text{-zH}]^{(y-z)+}$ ions observed in the ESI/MS and MS/MS spectra of a 2:1 solution of AgNO_3 with 1-methyladenine in the ion trap. The numbers of adenine and silver ions in each polymer ion are plotted as x versus y on the map.

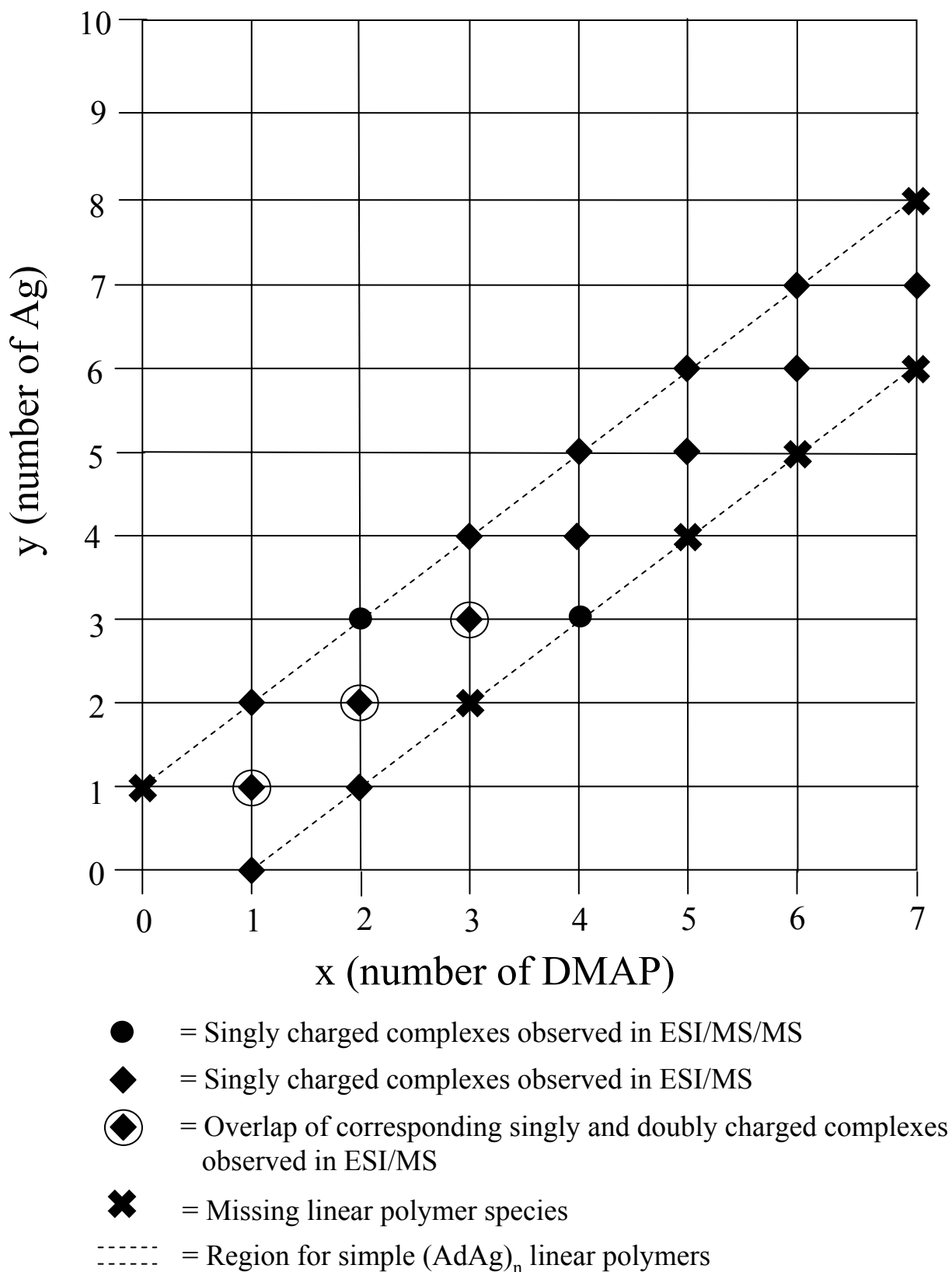


Figure S3. Map of the $[6\text{-N,N-Ad}_x+\text{Ag}_y\text{-zH}]^{(y-z)+}$ ions observed in the ESI/MS and MS/MS spectra of a 2:1 solution of AgNO_3 with 6-N,N-dimethyladenine in the ion trap. The numbers of adenine and silver ions in each polymer ion are plotted as x versus y on the map.