

Figure 1 Film thickness as a function of number of cycles for ALD processes based on LiHMDS with different co-reactants. The symbol * refers to plasma as co-reactant.

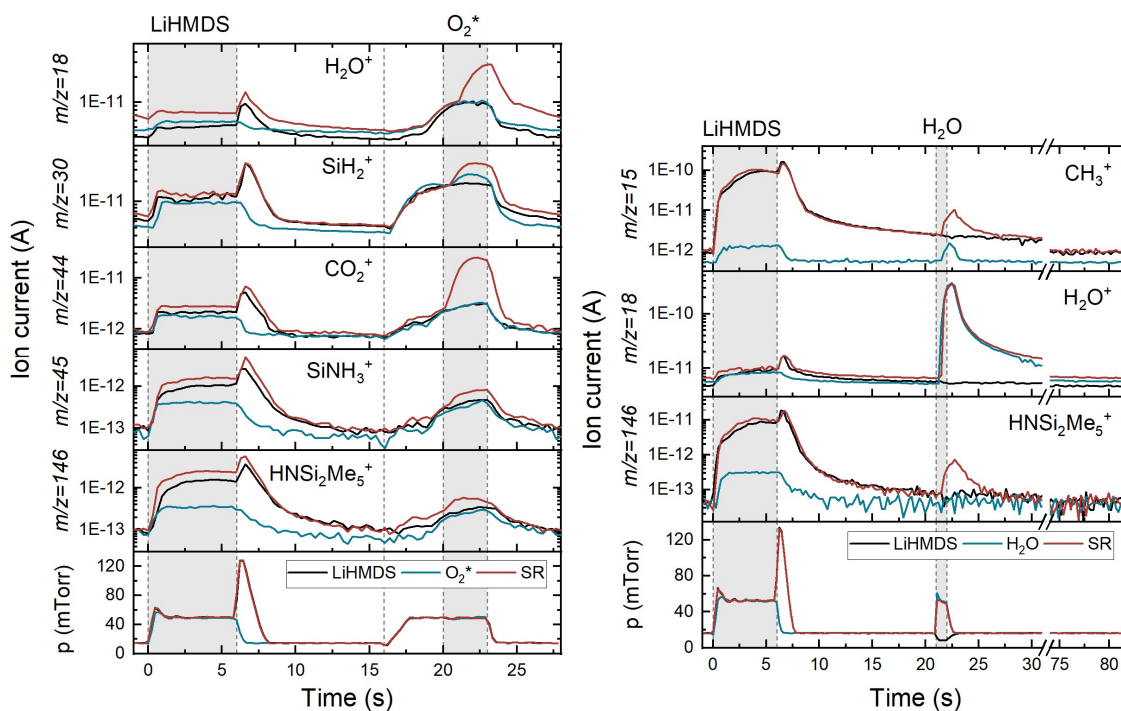


Figure 2 – Time-resolved quadrupole mass spectrometry (QMS) data of relevant m/z values for the LiHMDS+O₂* and LiHMDS+H₂O processes. The standard ALD recipe (SR) is compared to the recipes without the co-reactant (LiHMDS) and without the precursor (O₂* or H₂O). The pressure in the reactor is monitored to identify pressure-related features in the QMS data.

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