

Figure 2.LEIS energy depth profile of F:Al₂O₃ sample. Legend shows total sputter ion dose. O represents the top surface of the sample and each subsequent line is the surface after sputtering.



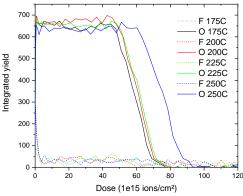


Figure 3. LEIS composition profile of thin films deposited using 200 cycles of TMA and H_2O with TMA passed through the AIF₃ powder canister. Each film analysed was deposited at a different substrate temperature ranging from 175°C to 250 °C. For all films, the canister temperature was set to

250°C. For an Jinns, the canster temperature was set to 150°C. Sputter dose is relative and corresponds to film thickness. F represents the fluorine content and O represents the oxygen content.

