

Figure 1: Graphical representation of sequential deposition of MLD process.

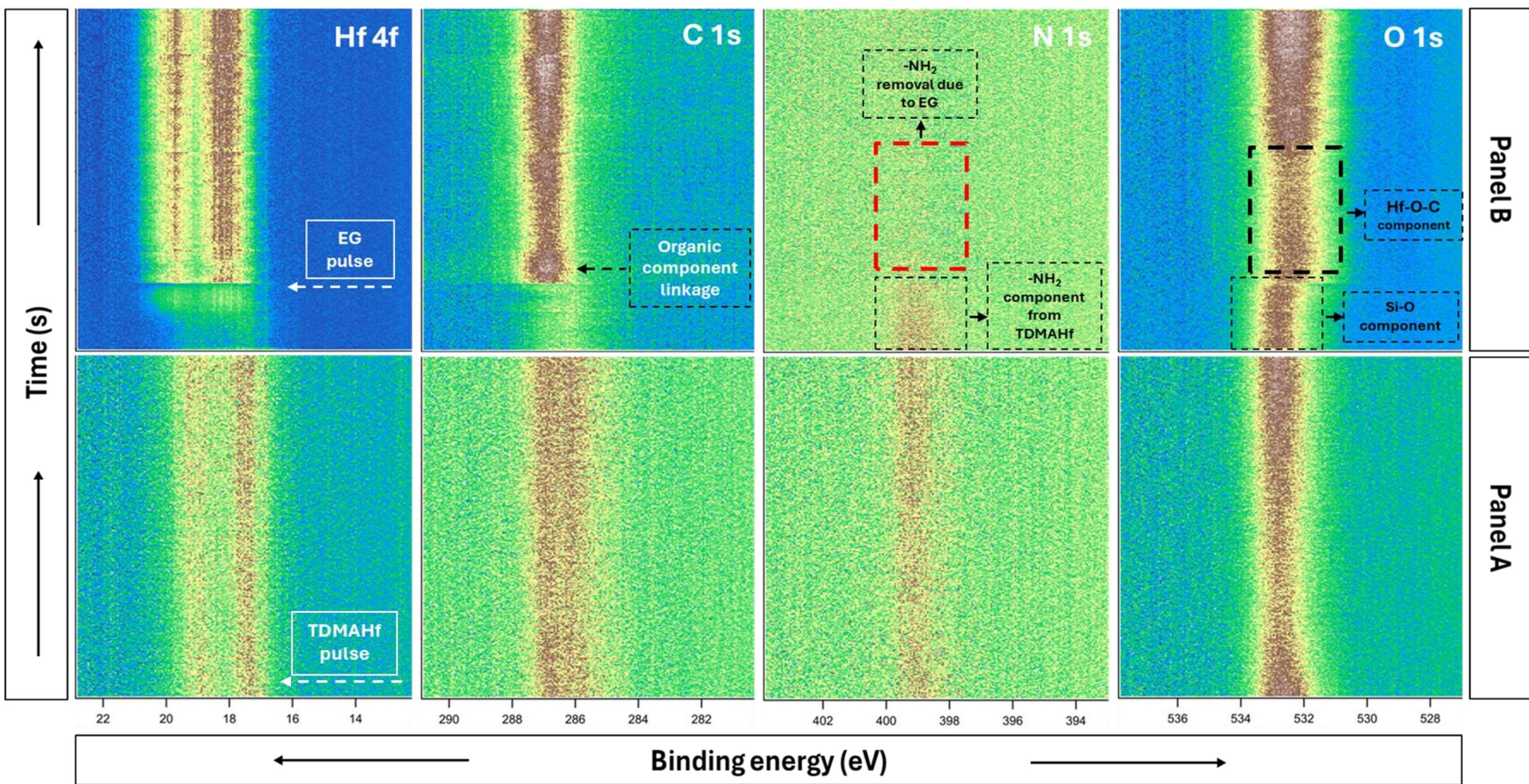


Figure 2: Time-resolved snapshots of core levels during the MLD deposition process. **Panel A** shows the TDMAHf half cycle. **Panel B** shows the core levels after the ethylene glycol (EG) pulse.