

Figure 1. Example of a SEM cross-section of a LHAR/PillarHall prototype 3 structure with approximately 40:1 aspect ratio, which has been coated with 1000 cycles of ALD TiO<sub>2</sub> from TiCl<sub>4</sub> and H<sub>2</sub>O at 110°C in a Picosun reactor.

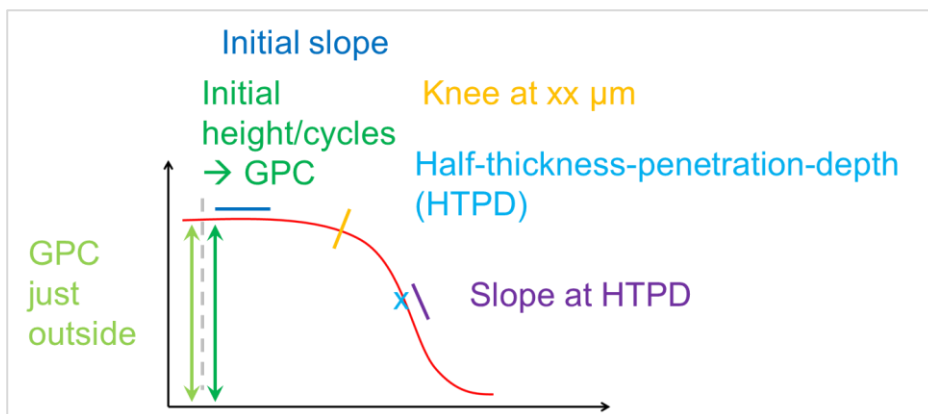


Figure 2. Schematic representation of the characteristic features a thin film thickness profile inside a LHAR test structure sufficiently long to expose the film termination profile.