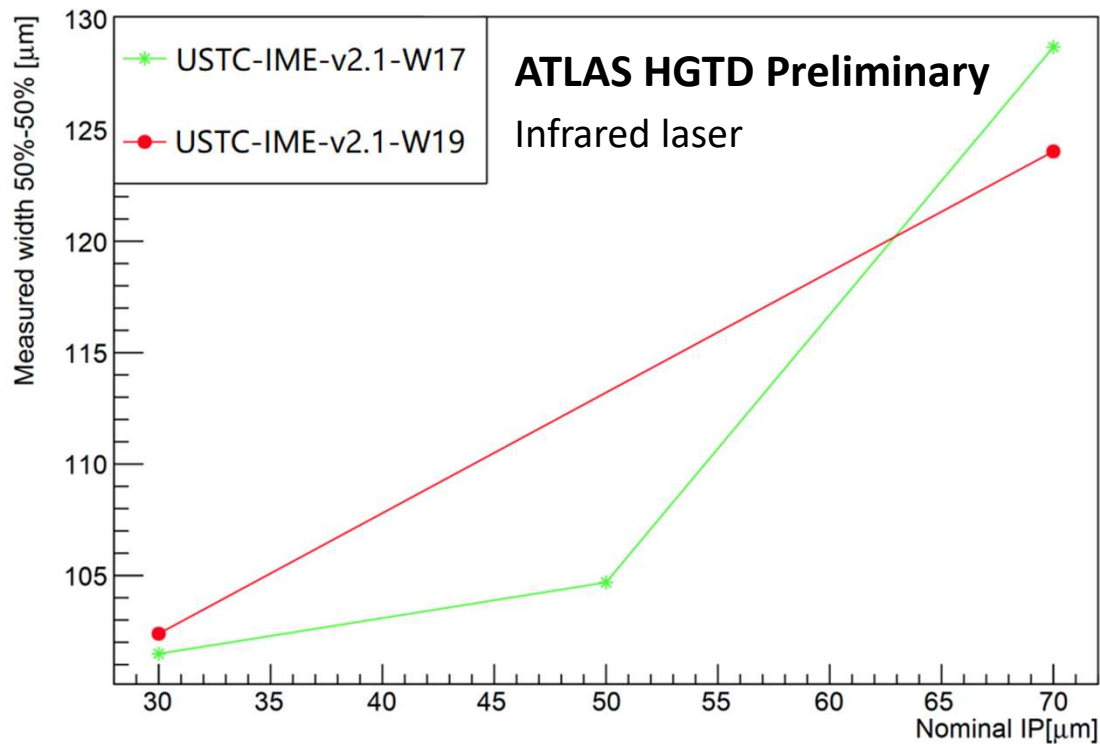


IP correlation



Comparison of measured inter-pad gap and nominal inter-pad gap. The nominal inter-pad gap is defined as the distance between the edges of the gain layers of neighboring pads. For un-irradiated USTC-IME-v2.1 sensors, the measured IP is larger than nominal one. For sensors with nominal IP3 (30 μm) and IP5 (50 μm), the measured IP is about 100 μm . For sensors with nominal IP7 (70 μm), the measured IP is about 130 μm .