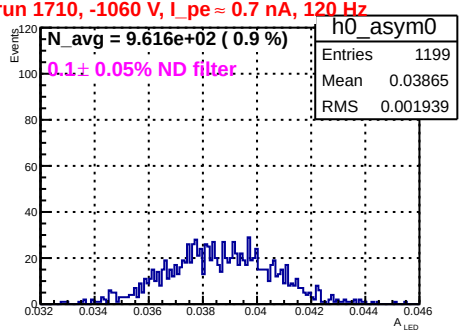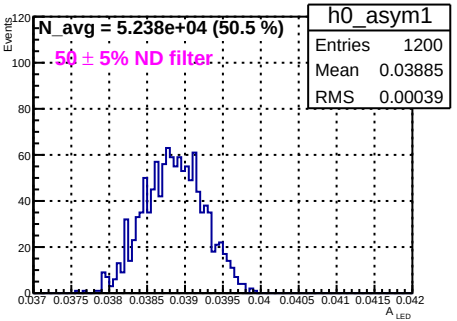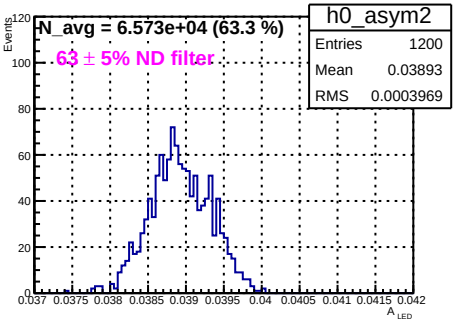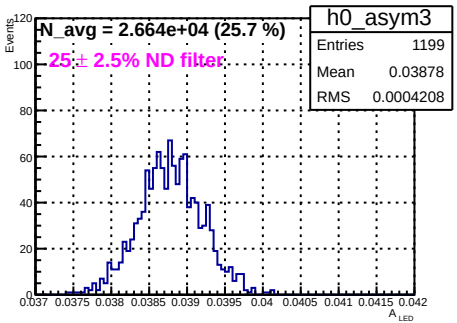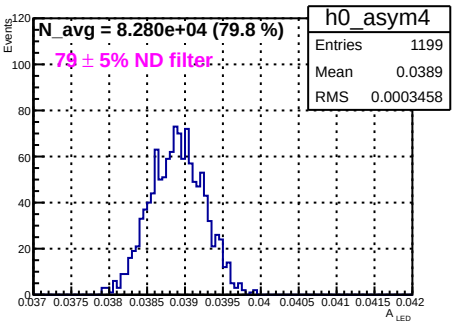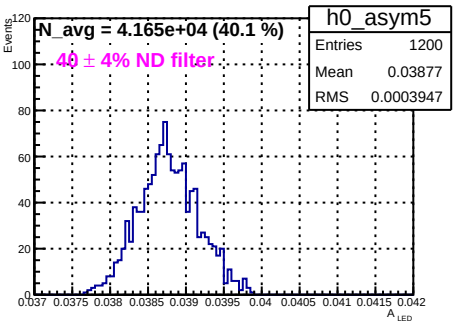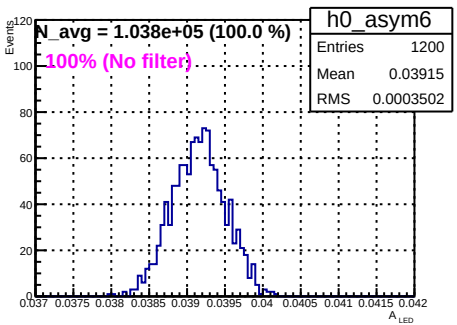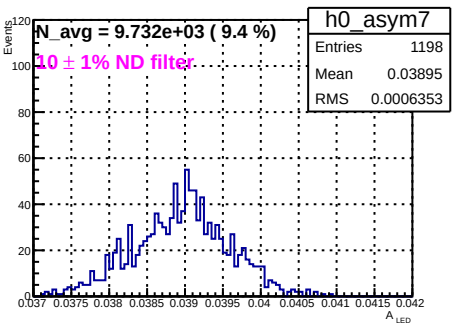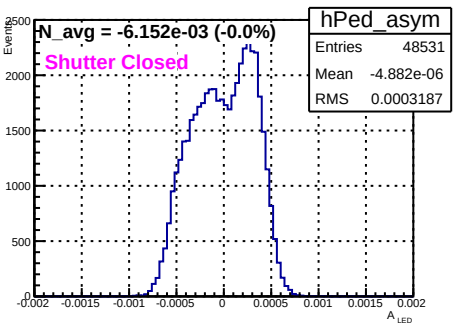run 1710, -1060 V, I_pe ≈ 0.7 nA, 120 Hz