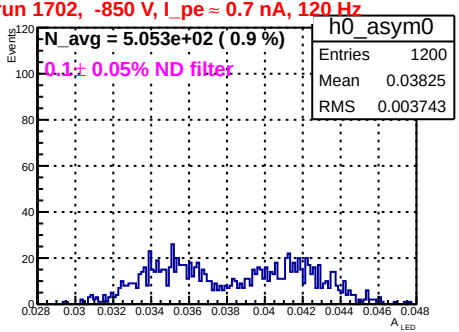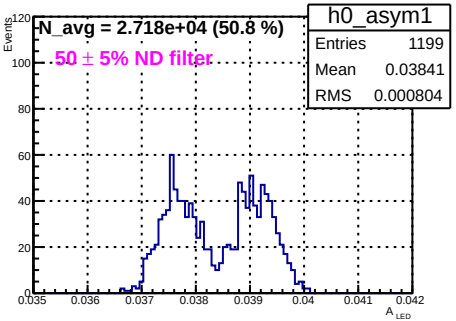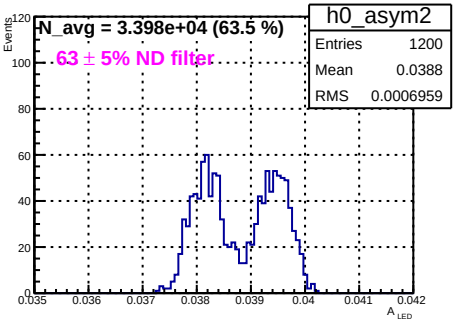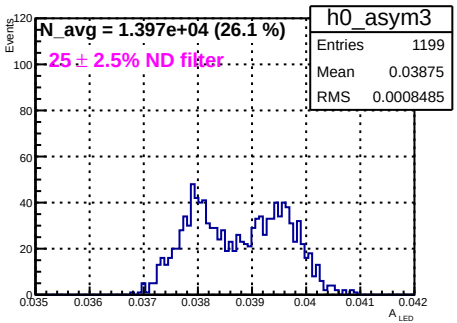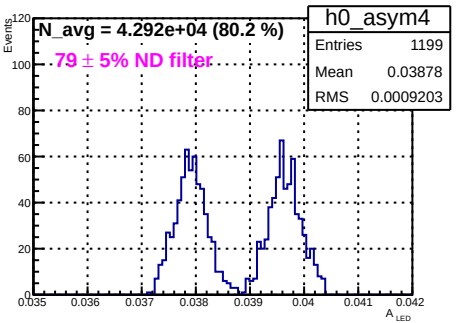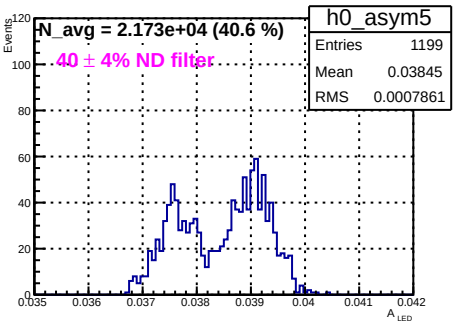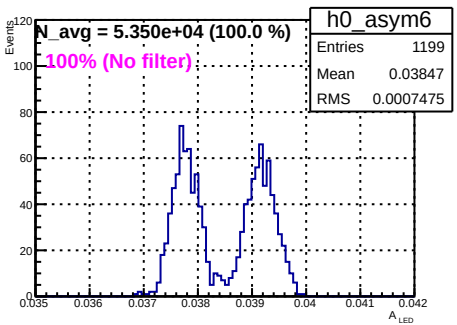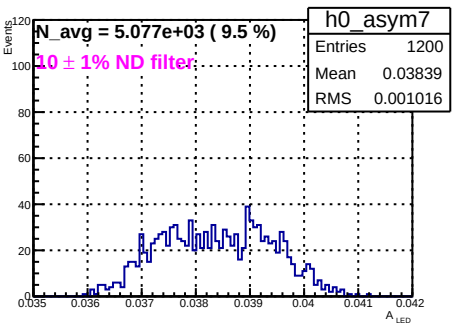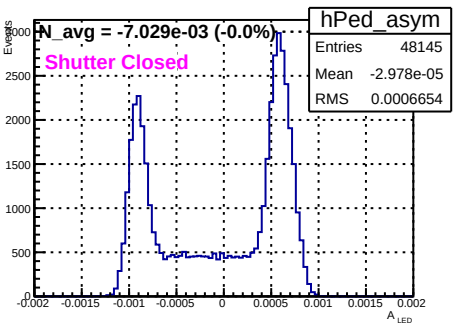run 1702, -850 V, I_pe ≈ 0.7 nA, 120 Hz