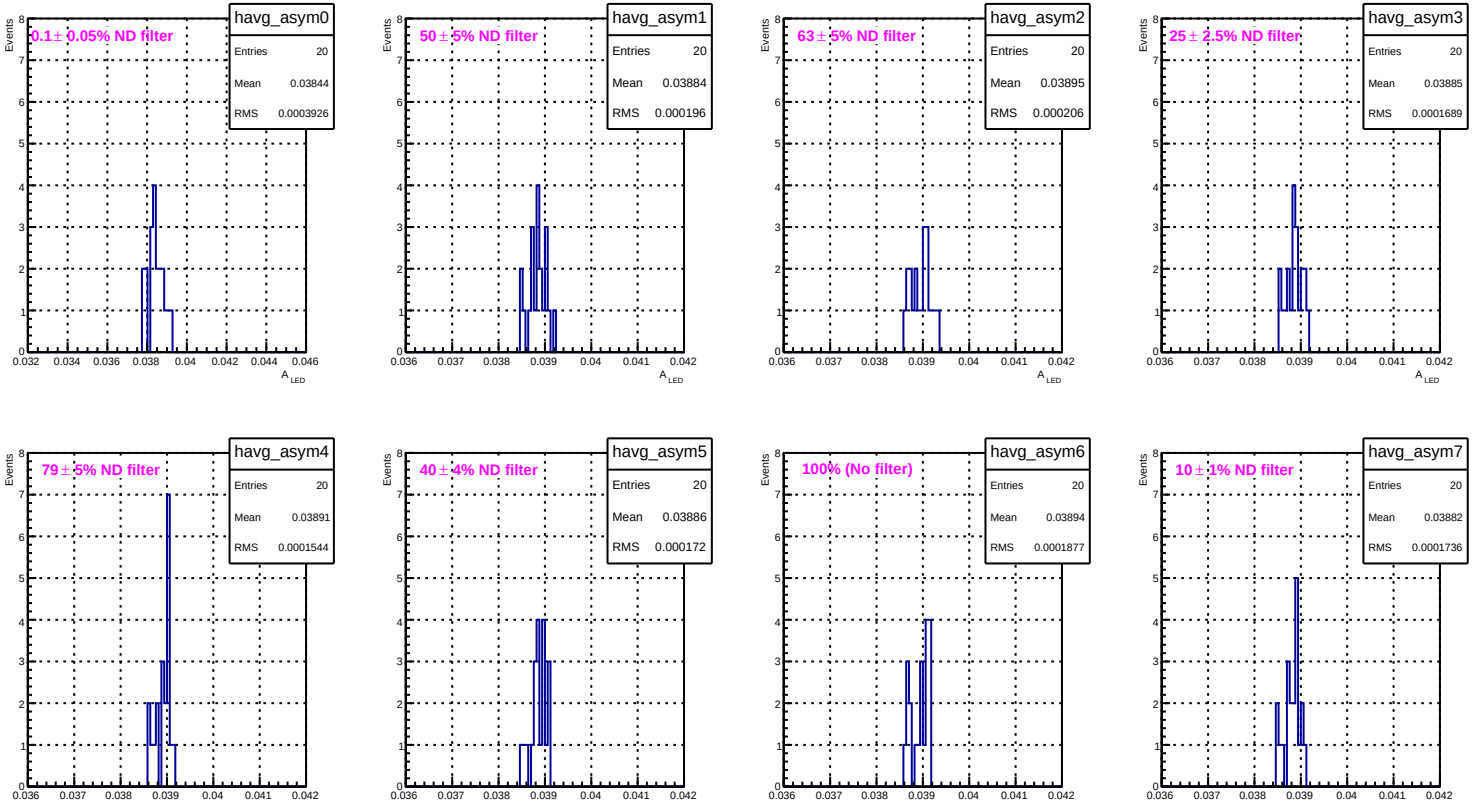run 1706, -1000 V, I_pe≈ 0.7 nA, 120 Hz