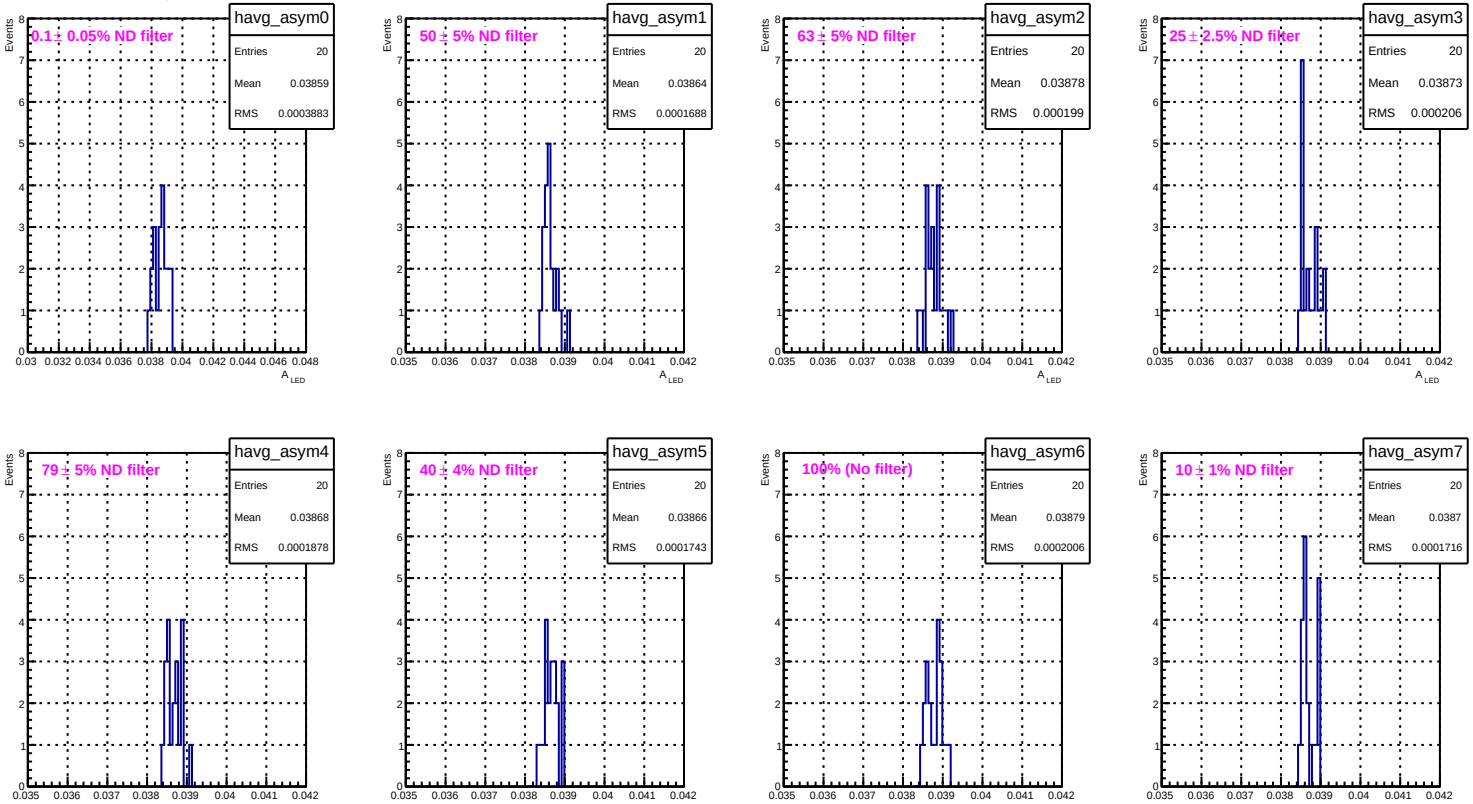run 1704, -890 V, I_pe= 0.7 nA, 120 Hz