Gold Cathode, drift field 140 V/cm Voltage [V] Cathode Anode R = (Q0A/Q0K) : 0.70 +/- 0.03t1: 61.7 +/- 0.30 μs -0.01t2: 241.0 +/- 0.30 μs $t3: 10.2 +/- 0.06 \mu s$ Lifetime: $773.7 + - 122.1 \mu s$ -0.020.2 0.4 0.6 Time [s]