Induced charge, particle track, n-oxyg. silicon sensor, 300 um, $N_{eff} = 1*10^{12}$ /cm³, $V_{bias} = 1.5 V_{dep} = -104 V$ -0.1 -0.2 total induced charge [10 ke] -0.3 -0.4 -0.5 -0.6 -0.7 e+h: Q_{ind} -0.8-0.9 - h: Q_{ind} 0.5 1.5 2 2.5 3 3.5 4.5 5 4 0 time [ns]