Colled Charge for 1 Pixel p-in-n 50µm Thick Sensor at 30V ×10⁻¹⁵ Collected Charge (-C) 0.6 0 n_{ea} cm⁻² 1e13 n_{eg} cm⁻² 0.5 1e14 n_{eg} cm⁻² 1e15 n_{eg} cm⁻² 0.4 0.3 0.2 0.1 ×10⁻⁹ 10 Time (s)