Colled Charge for 1 Pixel n-in-p 50µm Thick Sensor at -30V ×10<sup>-15</sup> Collected Charge (-C) 0.6 · 0 n<sub>eq</sub> cm<sup>-2</sup> 0.5 1e13 n<sub>eq</sub> cm<sup>-2</sup> 1e14 n<sub>eg</sub> cm<sup>-2</sup> 1e15 n<sub>eq</sub> cm<sup>-2</sup> 0.4 0.3 0.2 0.1 ×10<sup>-9</sup> 10 Time (s)