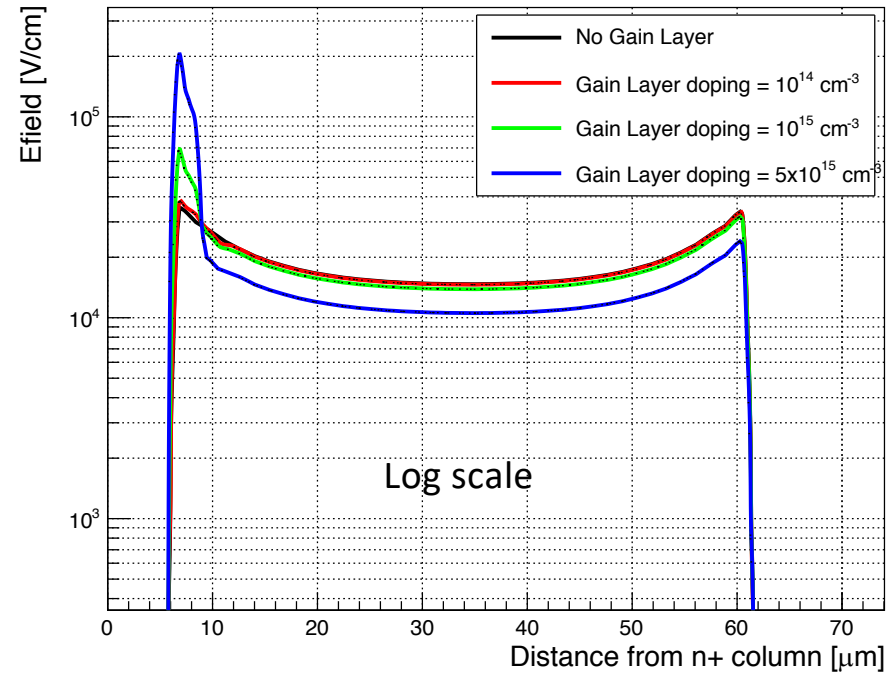
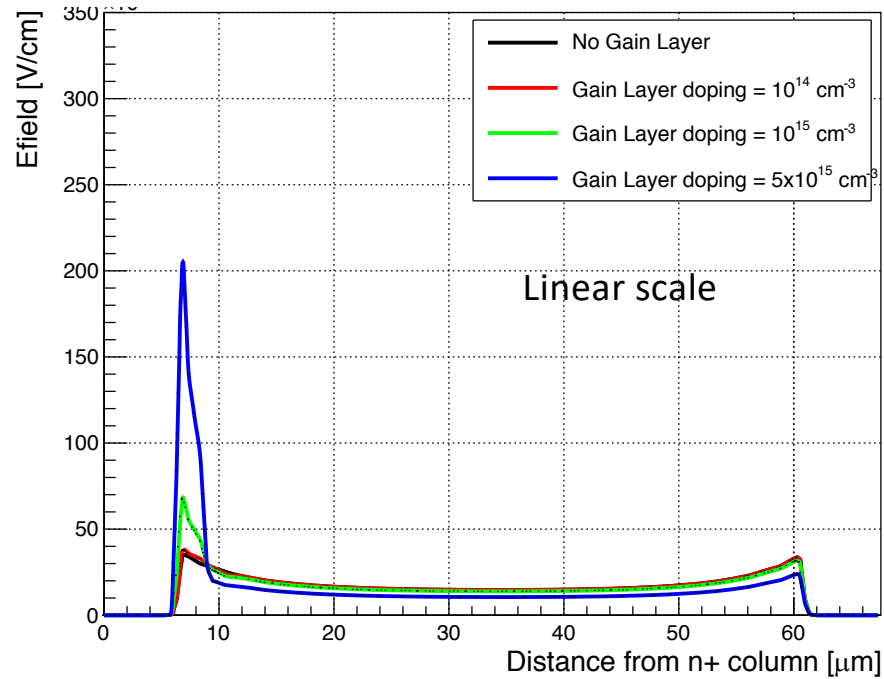


No radiation damage

IBL 3D sensor with Gain Layer (3 μm around n+ column) – Efield profile along cutline from n+ to p+ column

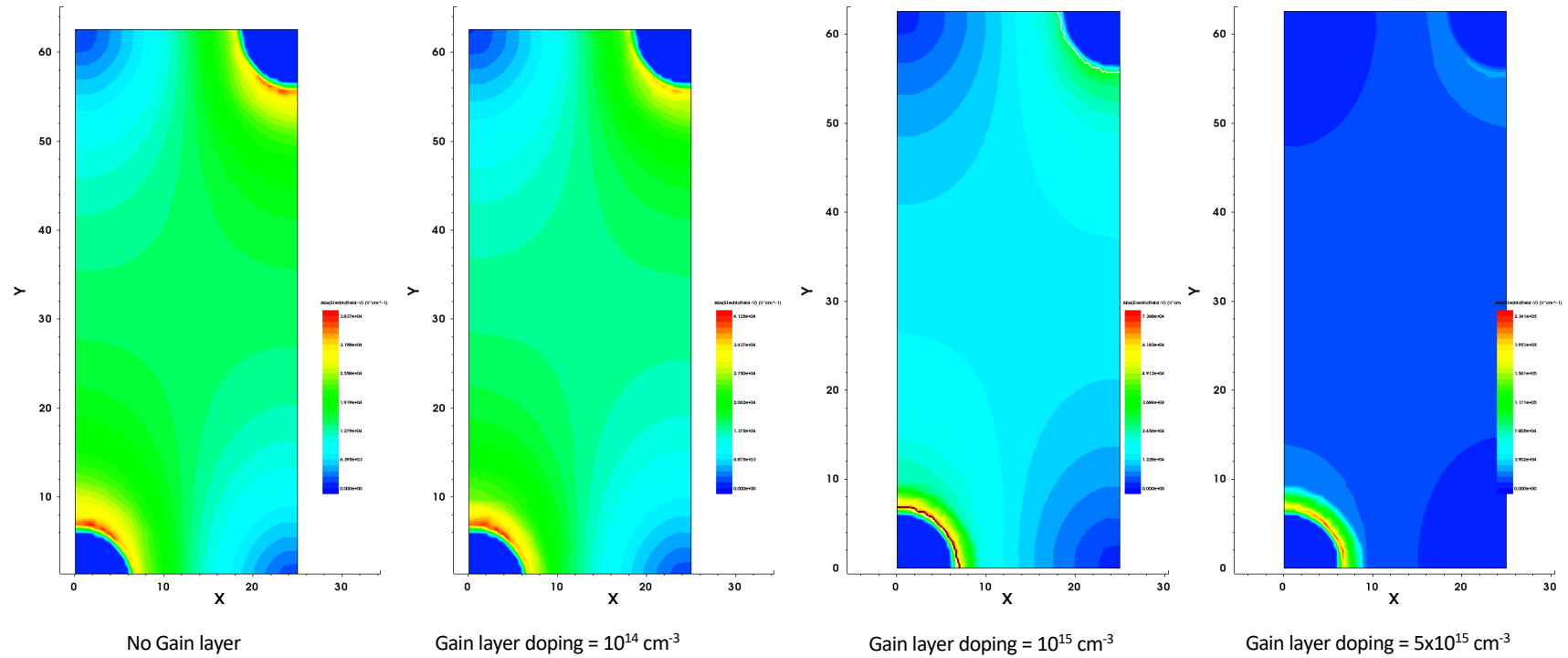
T = 263 K – Vbias = -100



No radiation damage

IBL 3D sensor with Gain Layer (3 μm around n+ column) – Efield maps

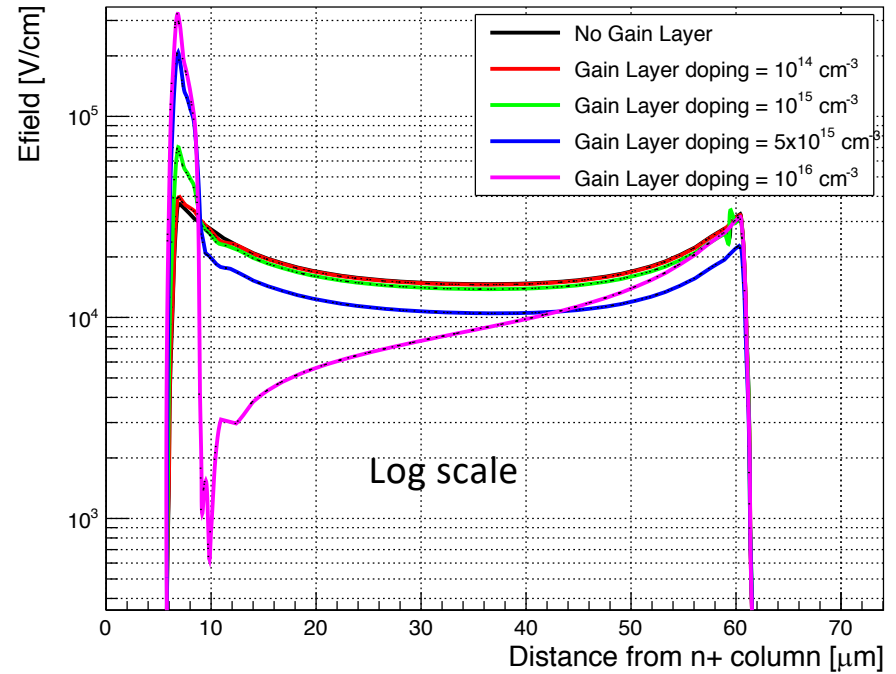
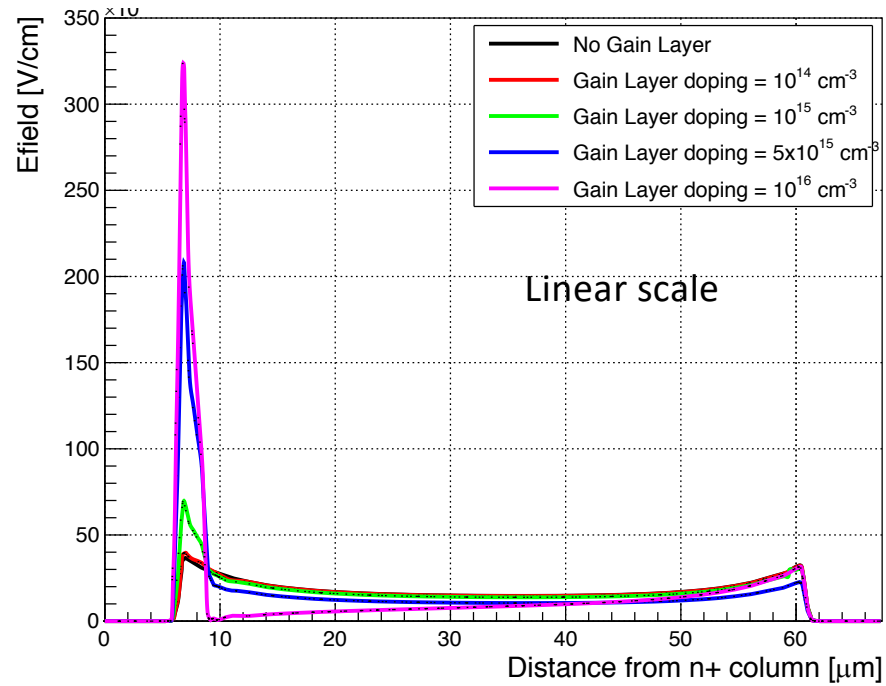
T = 263 K – Vbias = -100



With radiation damage $\Phi = 1.0\text{e}15 \text{ n}_{\text{eq}}/\text{cm}^2$

IBL 3D sensor with Gain Layer (3 μm around n+ column) – Efield profile along cutline from n+ to p+ column

T = 263 K – Vbias = -100



With radiation damage $\Phi = 1.0\text{e}15 \text{ n}_{\text{eq}}/\text{cm}^2$

IBL 3D sensor with Gain Layer (3 μm around n+ column) – Efield maps

T = 263 K – Vbias = -100

