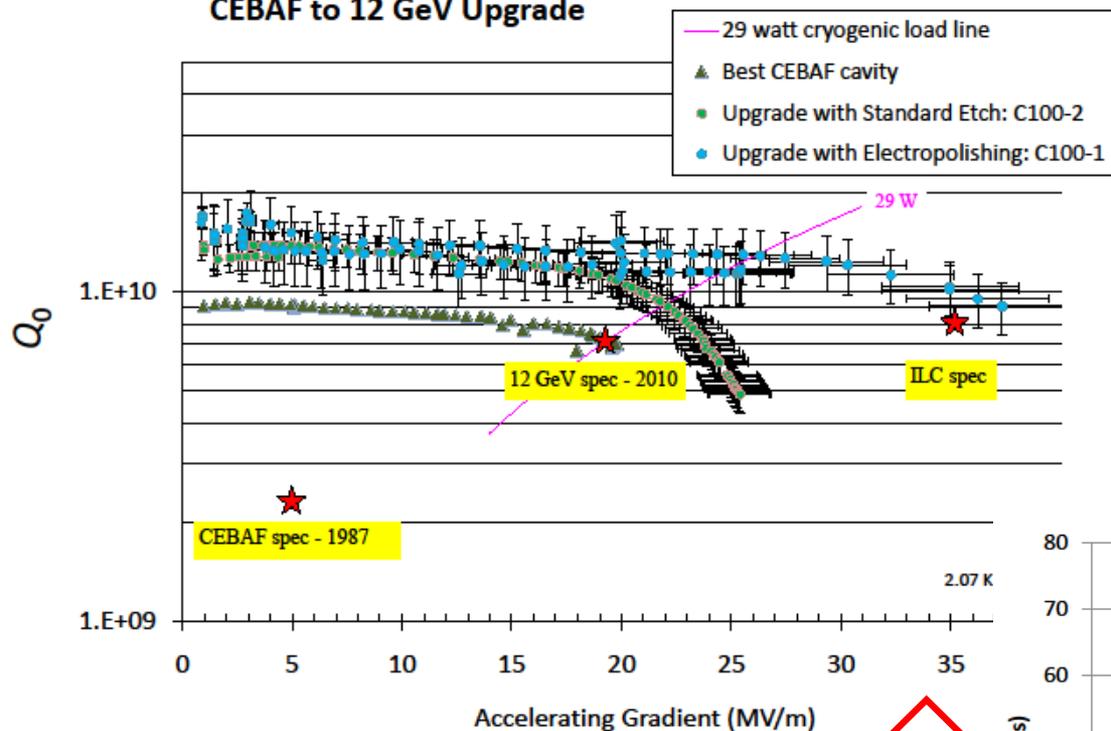


JLab SRF Cavity Performance Evolution CEBAF to 12 GeV Upgrade

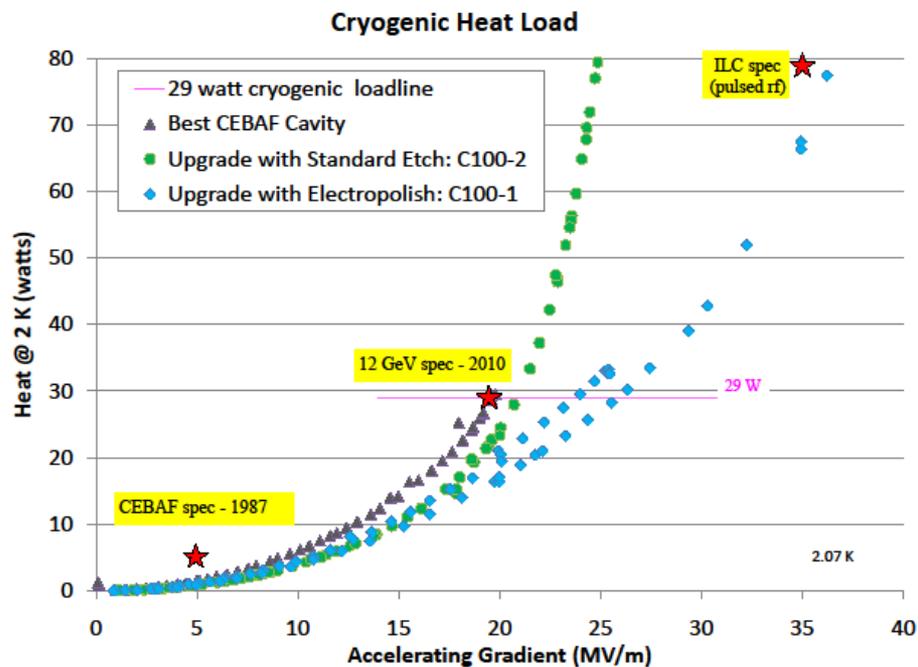


same data

higher cryo costs

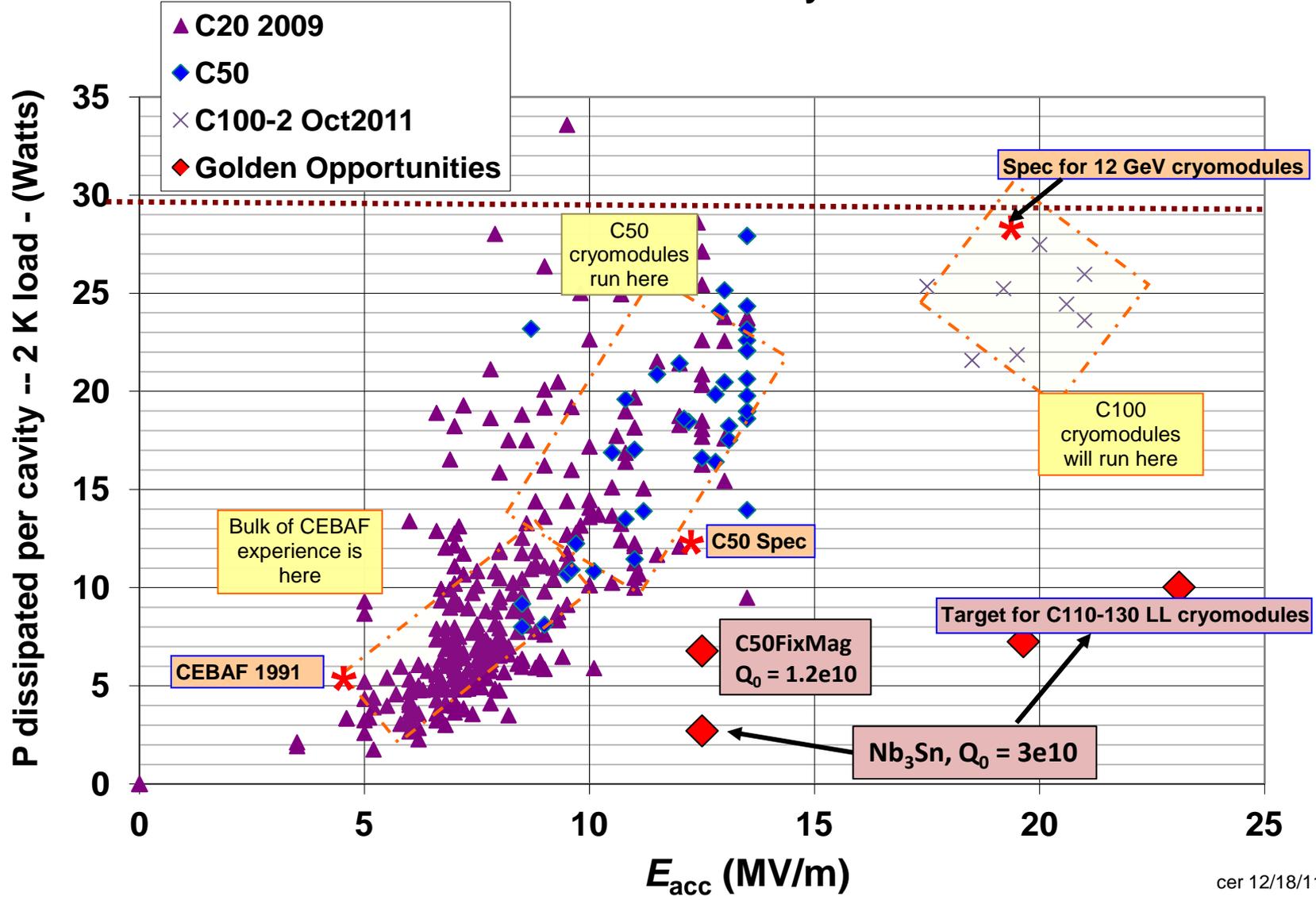
The key figures of merit are **Q** and **Accelerating Gradient**.

Together with structure geometry, these determine the **heat produced**.



more compact accelerator

2 K Heat Load vs. Cavity Gradients in CEBAF



Bang for the Cryo Buck

2 K Heat Load vs. Cavity Gradients in CEBAF

