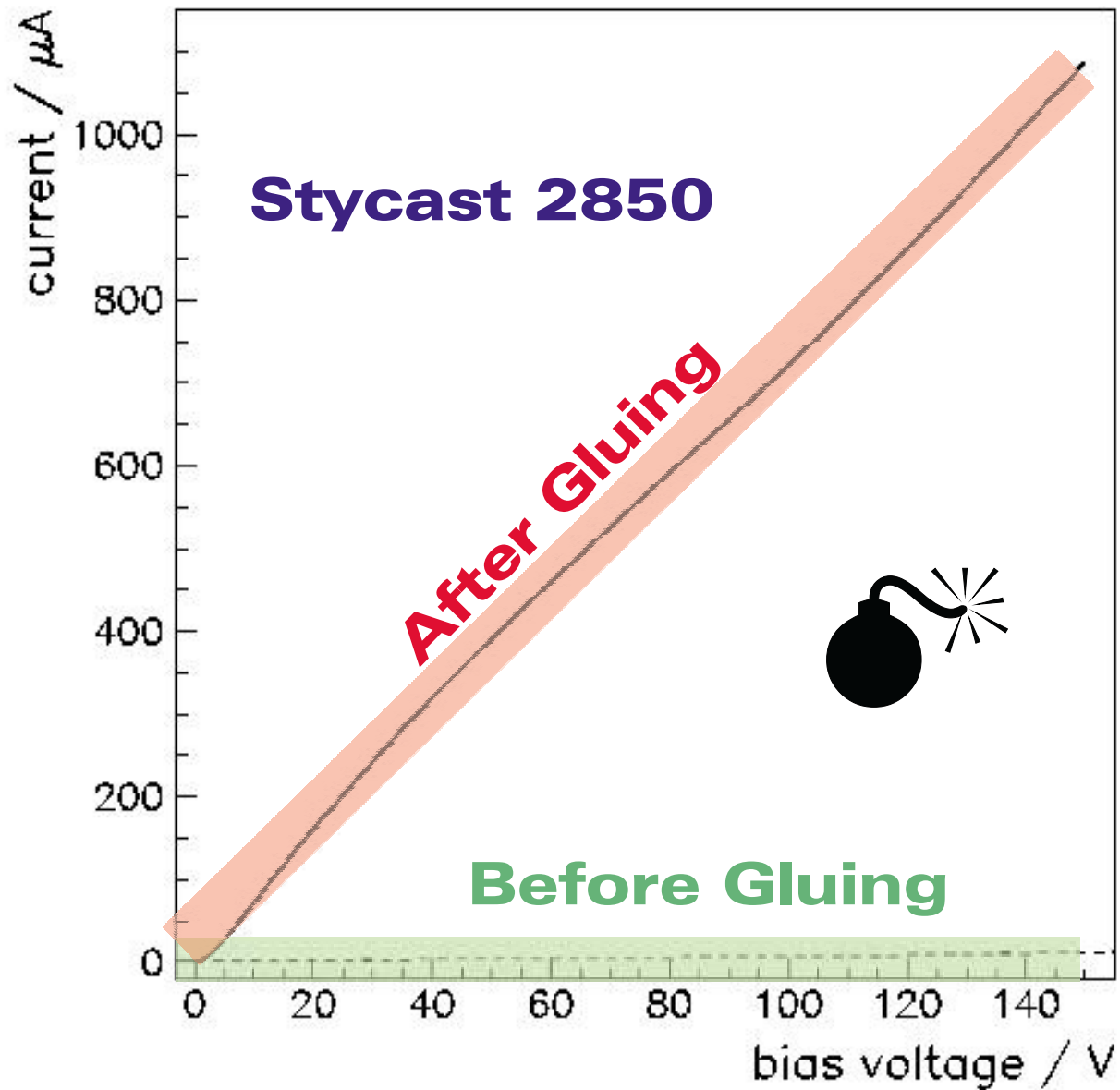
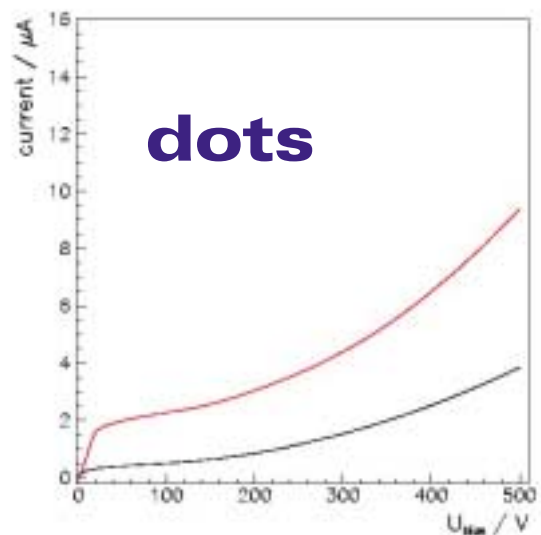
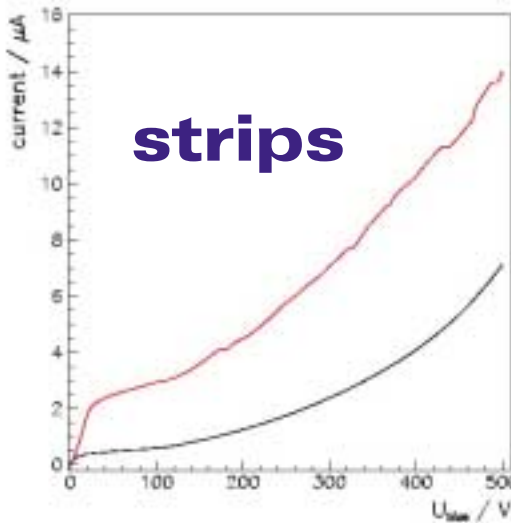


# Gluing the Silicon

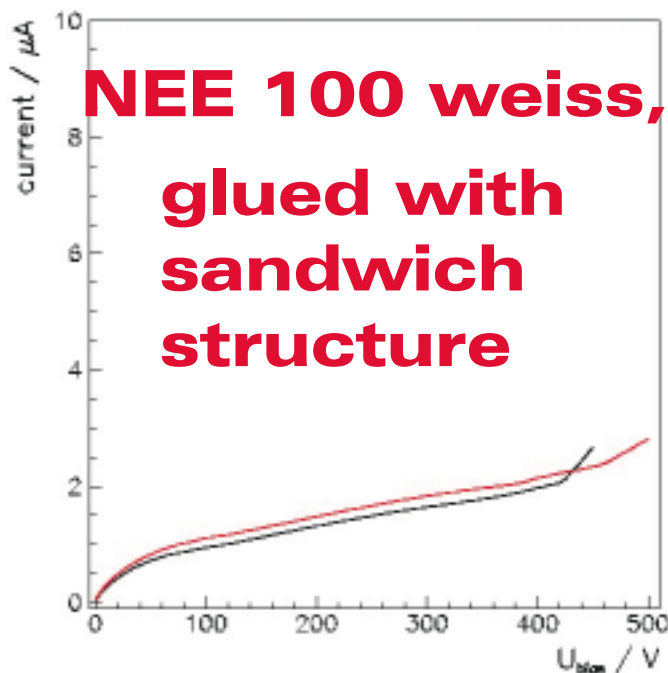


**The detectors actually worked.**  
**Currents do not scale with**  
**temperature.**  
**Surface effects due to tensions.**

# Epoxy vs. Silicone



**Araldit 2011**



**Reducing  
the gluing  
area helps.**

**Silicone**

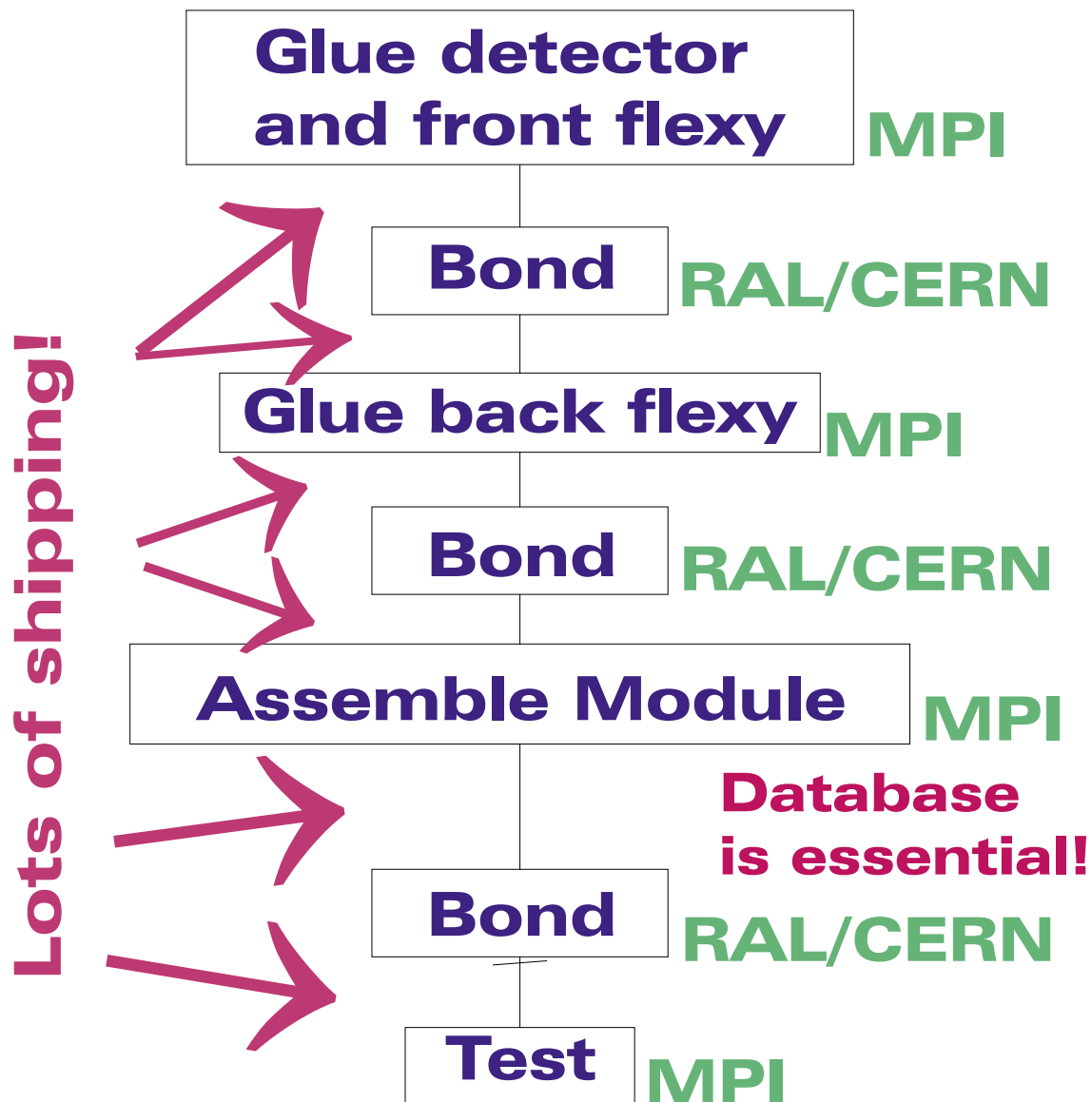


**No stress,  
No problem!**

**Epoxy does not work !**

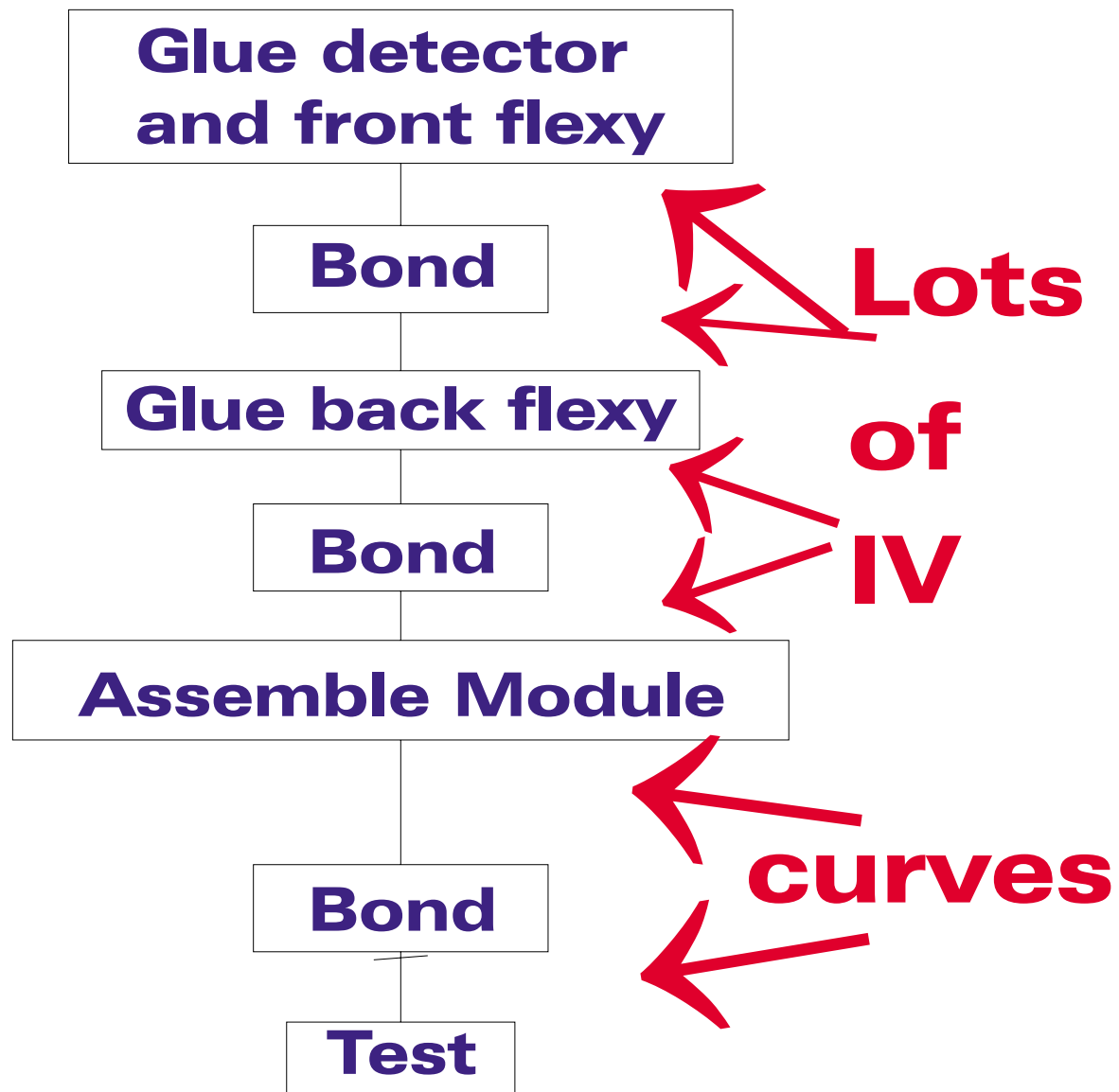
**better: it works too well....**

# Module Production



**We can produce 3 modules per week, but it takes 3 month to make a module.**

# Module Production QC



**All these IV curves turned out to be totally unnecessary.**

# **Production Procedures**

**Modules were assembled and tested under normal laboratory conditions.**

## **NO CLEAN ROOMS**

**Modules were shipped without any special precautions.**

**You need a clean hit to destroy a silicon detector.**

**Modules are resistant to**

**heat [tested up to 100 C]  
condensation**

**use a hair-dryer**

**oil films from old pumps**

**use acetone**