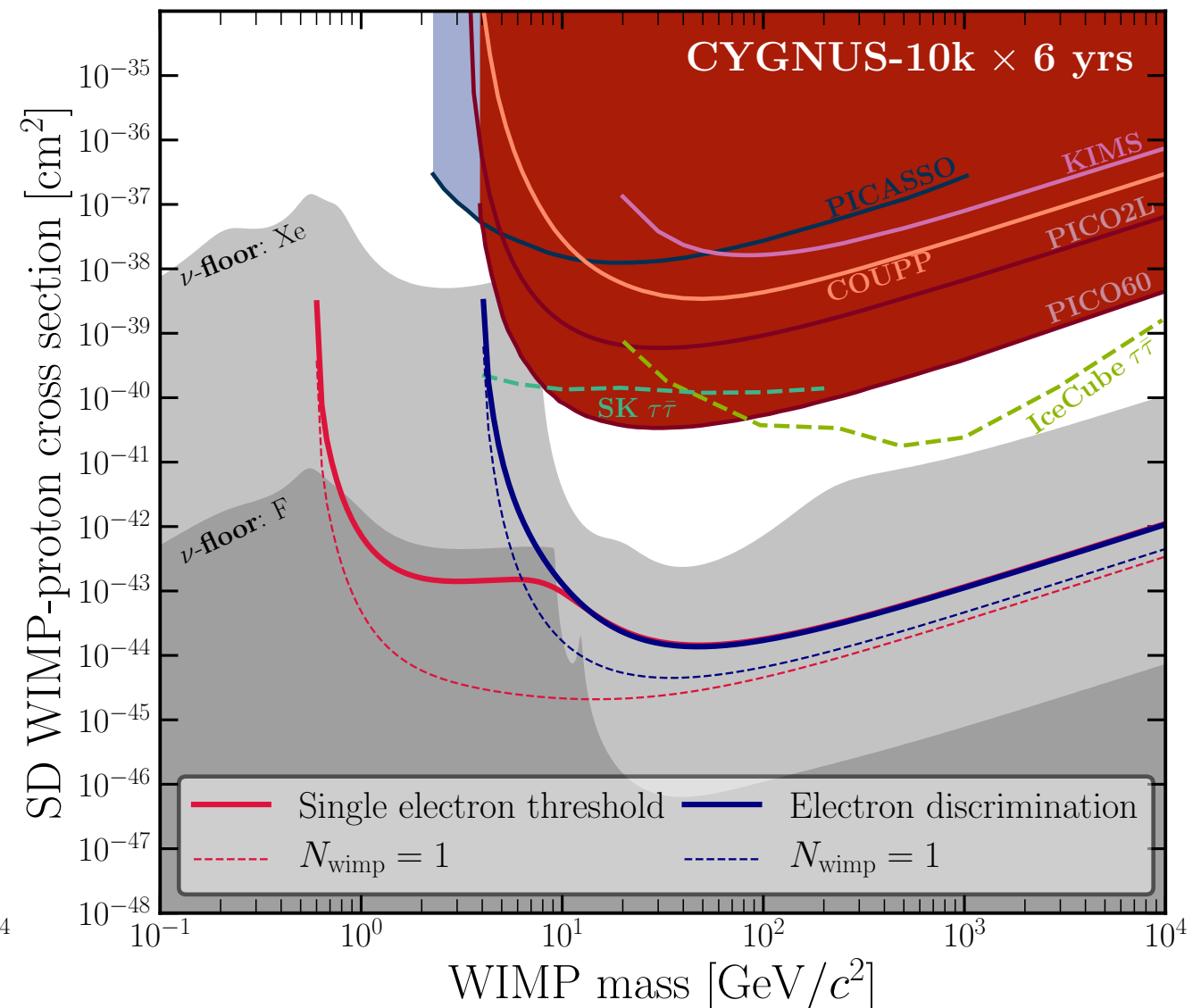
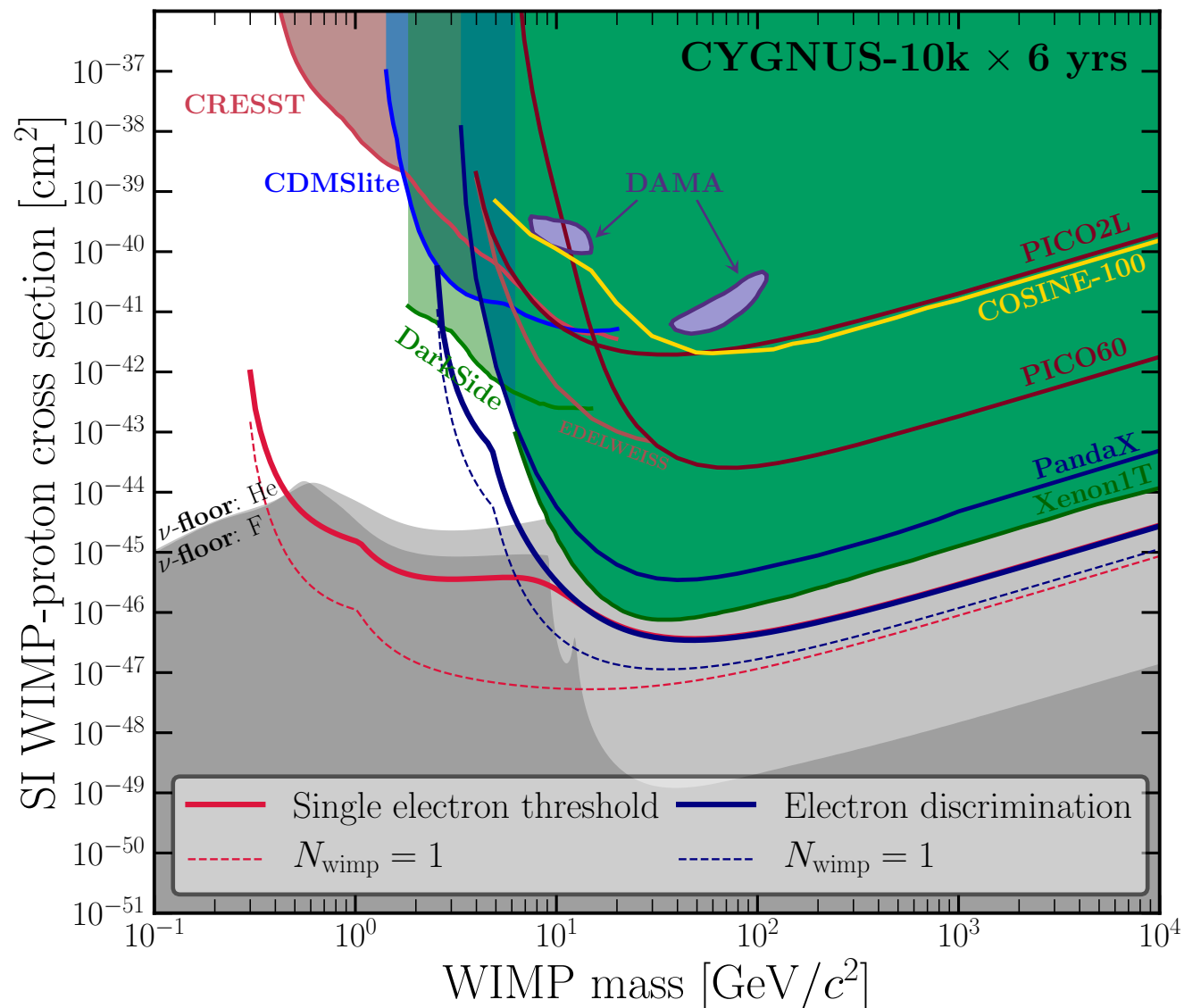


## Option A: show two lines

- Electron discrimination (8 keVr cutoff)
- Single electron threshold (0.25 keVr cutoff)

(Predrift directional performance + pixel energy resolution and efficiency)

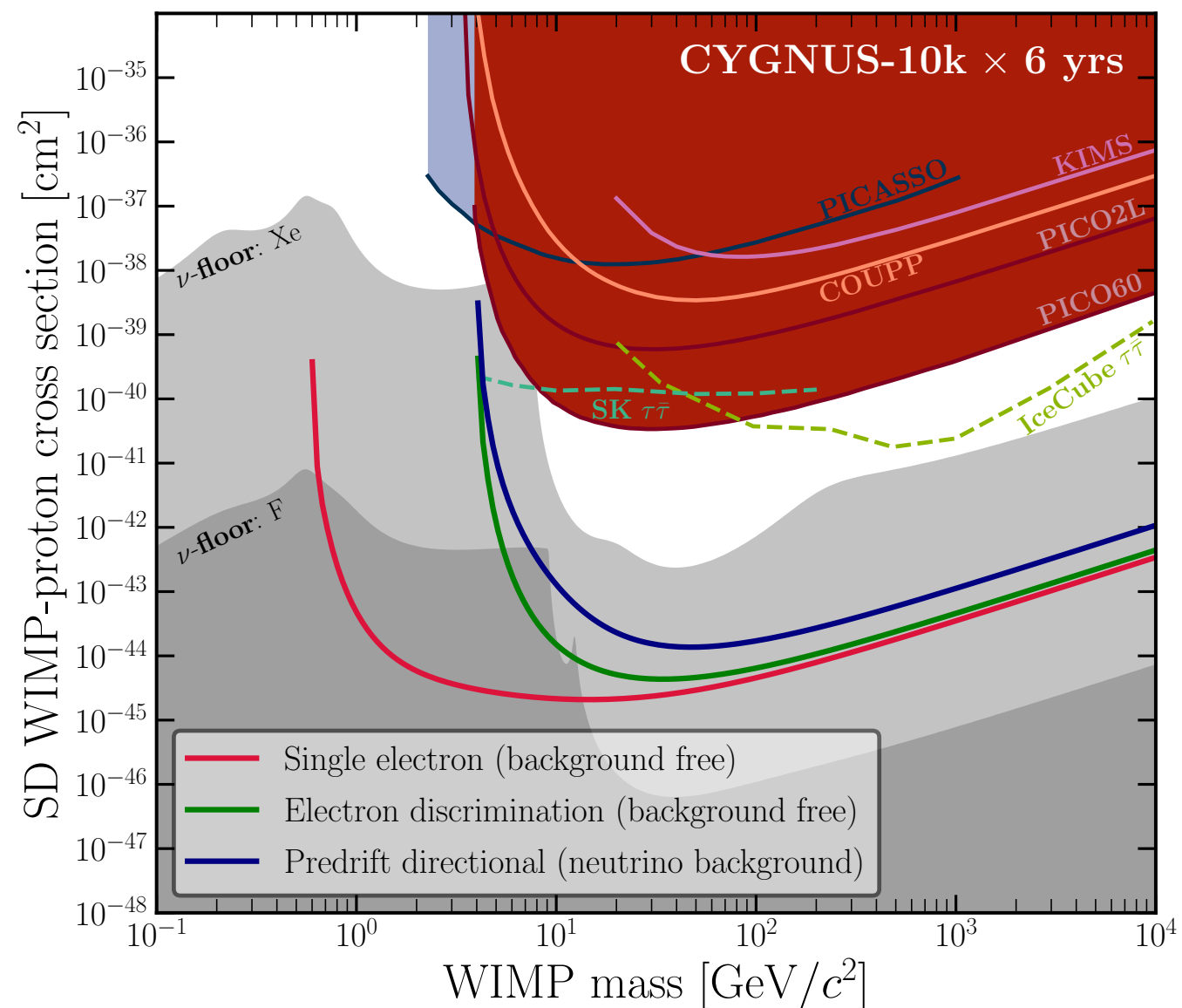
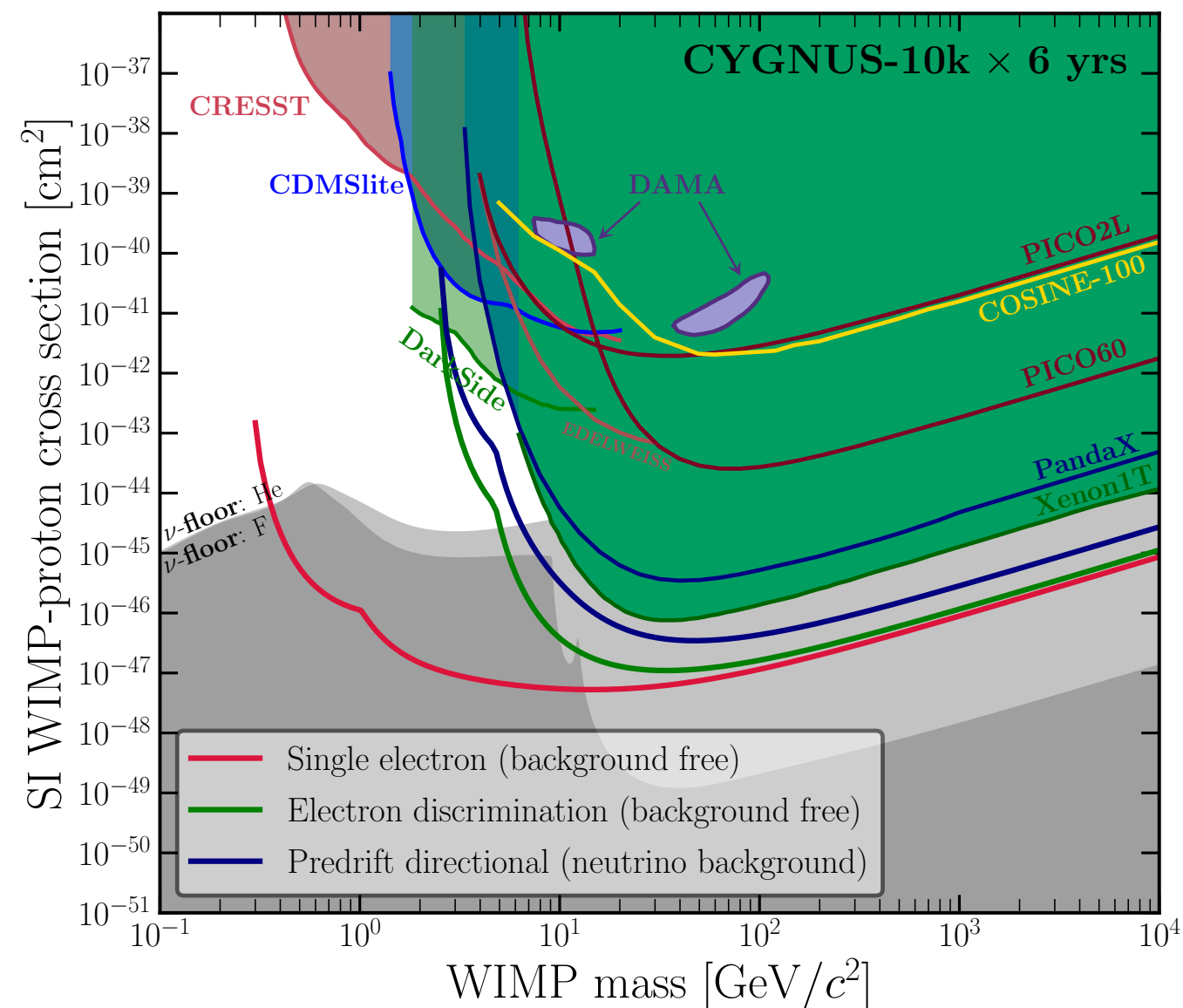
Real sensitivity should be between the two, awaiting further results



**Solid line: 90% 3 sigma WIMP discovery line**  
**Dashed line: 1 WIMP event no neutrino background**

## Option B: show three lines

- Predrift directional detector (8 keVr cutoff) w/ neutrino background
- Single electron threshold (0.25 keV cutoff) w/ no background
- Electron discrimination (8keVr cutoff) w/ no background



# WIMP discovery (90% at 3sigma) vs. Number of B8 neutrinos

