

SoLID Background

- PVDIS LD2 luminosity
 $1.27e39/cm^2/s$, using baffle to reduce energy flux by factor $\sim 20-30$
- SIDIS He3 luminosity
 $6.7e36/cm^2/s$, using target window collimators to reduce hadron background from both windows by factor ~ 10
- Full background study with realistic materials, including trigger rate estimation
- SoLID can handle the required luminosity

