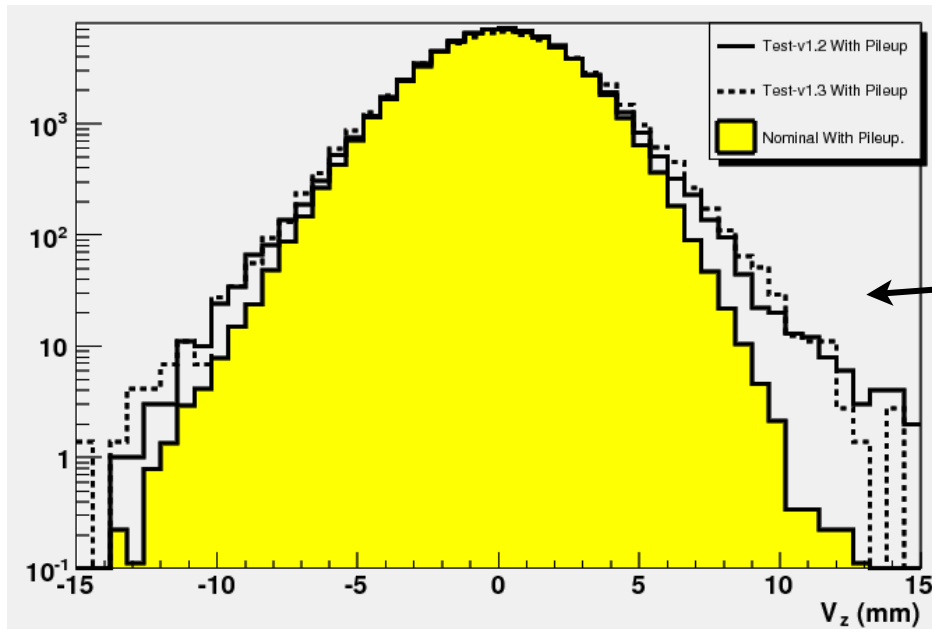
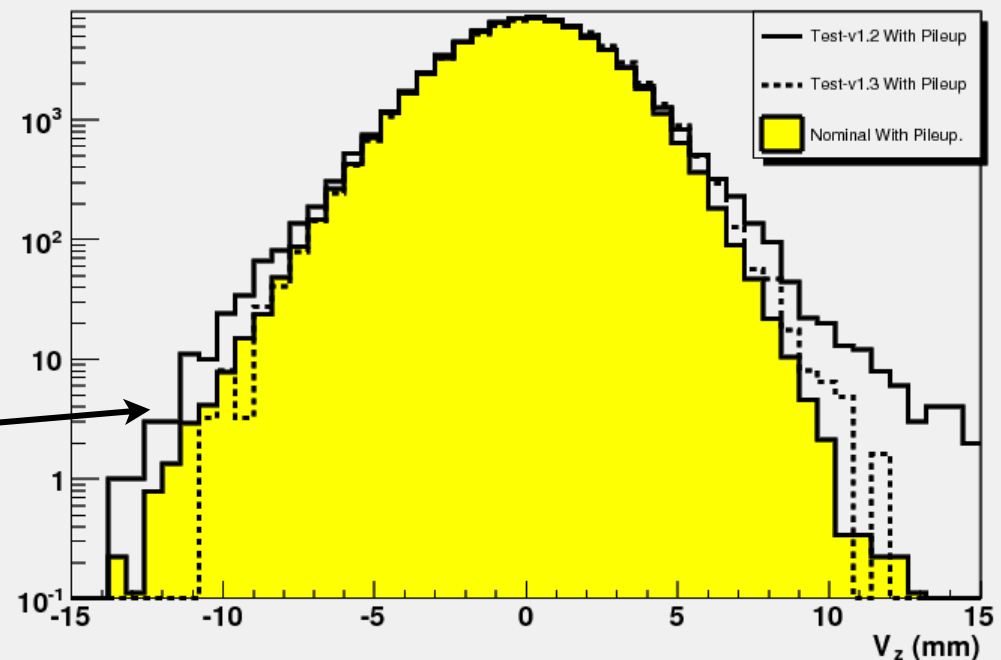


# Test Setup Vertex Distributions



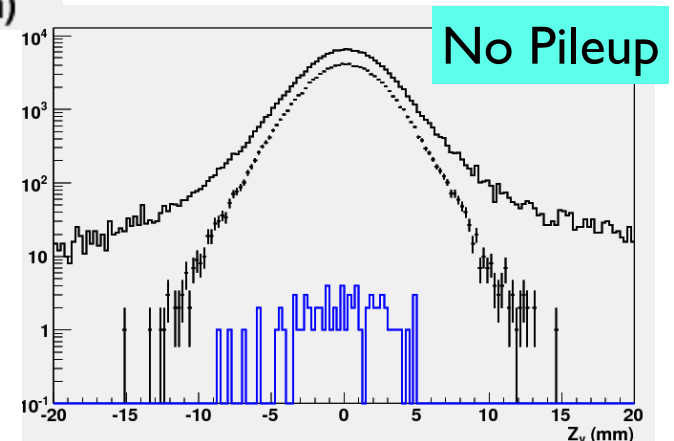
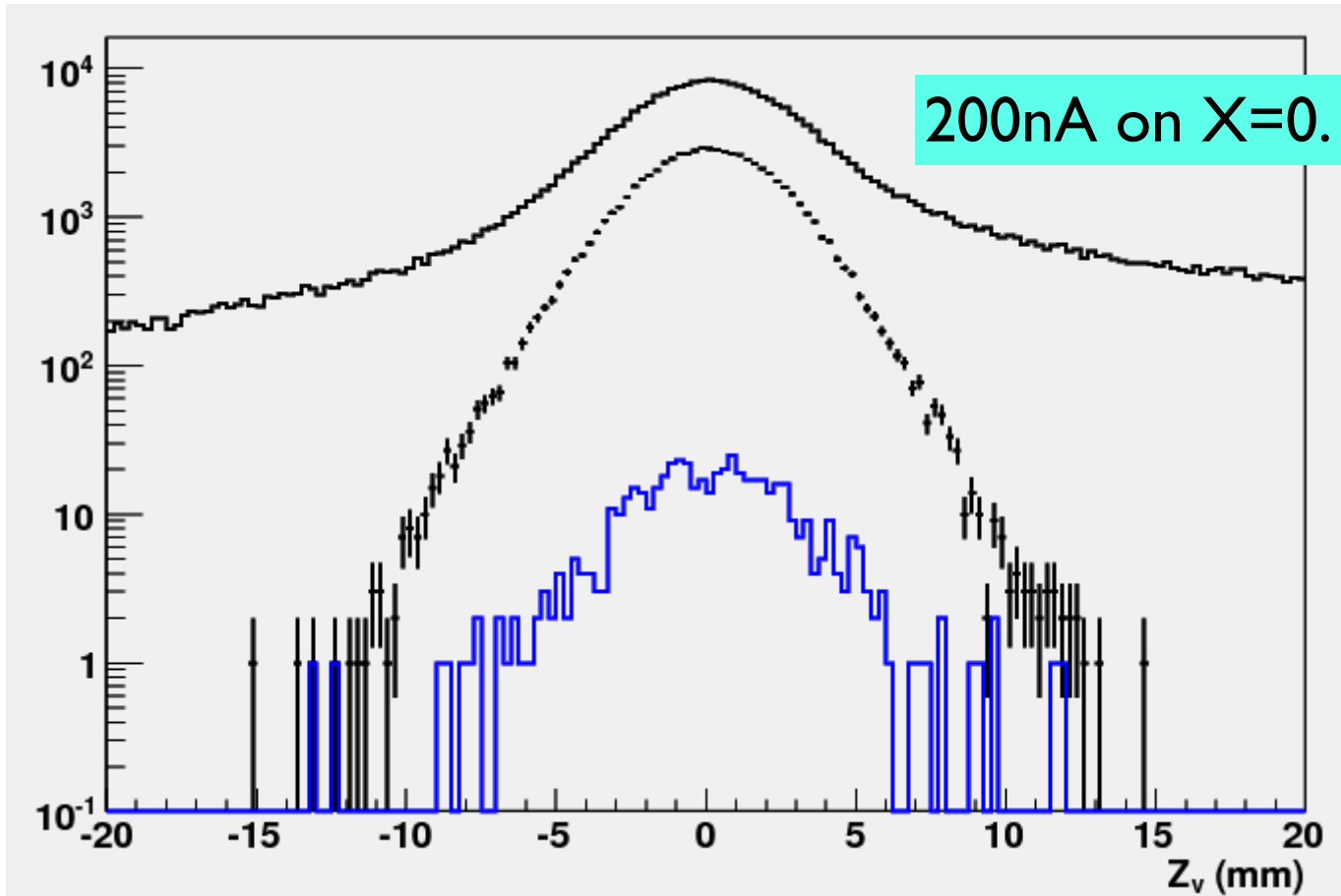
Test-v1.2 == 4-layers,  
all bend-100mrad bend  
Test-v1.3 == 5-layers,  
all bend-100mrad bend

Test-v1.2 == 4-layers,  
all bend-100mrad bend  
Test-v1.5 == 5-layers,  
first two 90° stereo

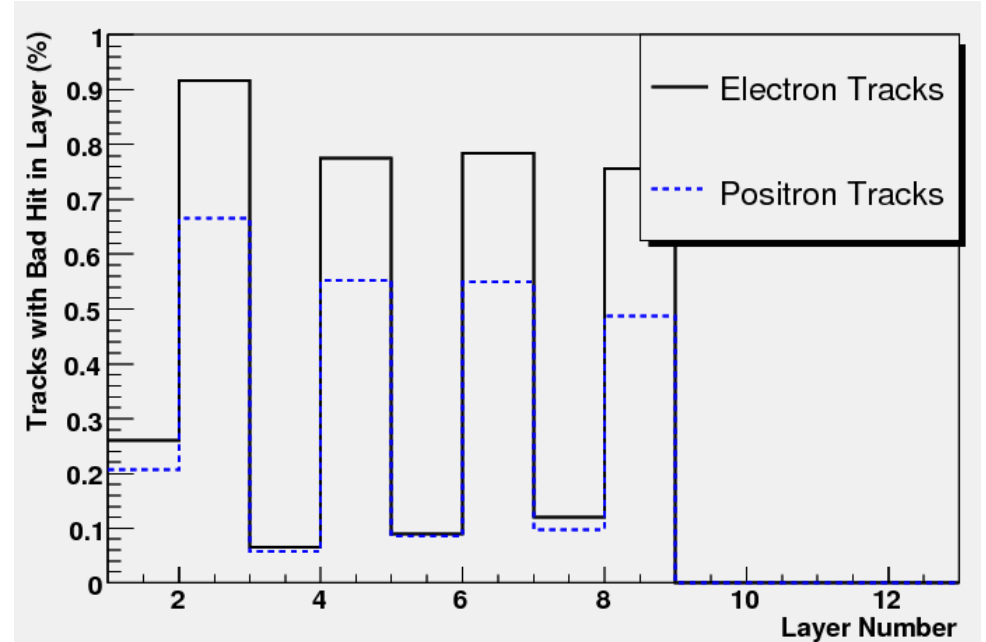
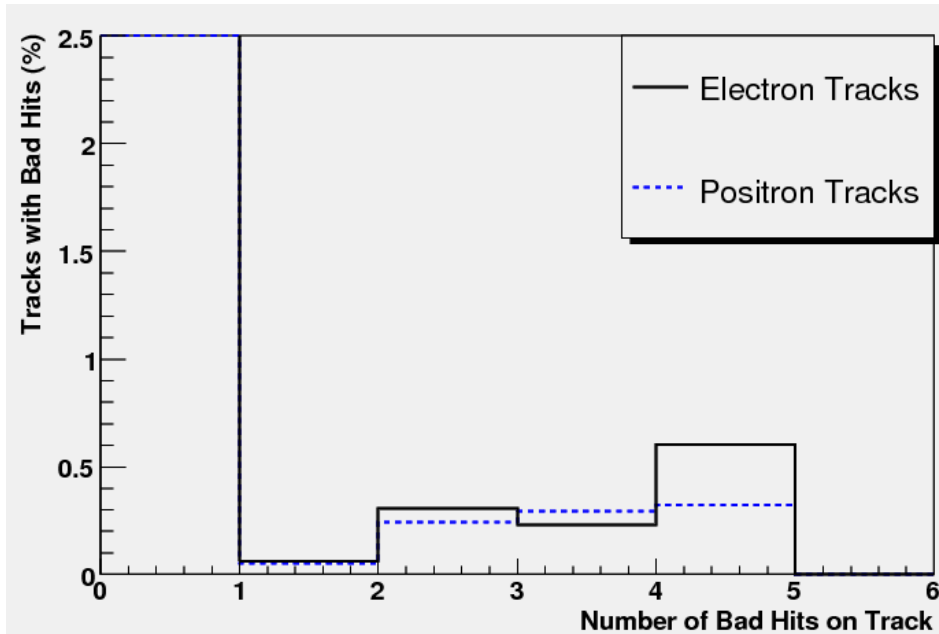


- Includes pileup (200nA on 0.125% target)
- Cluster isolation cut → mishits are rare (tails are dominated by good tracks)

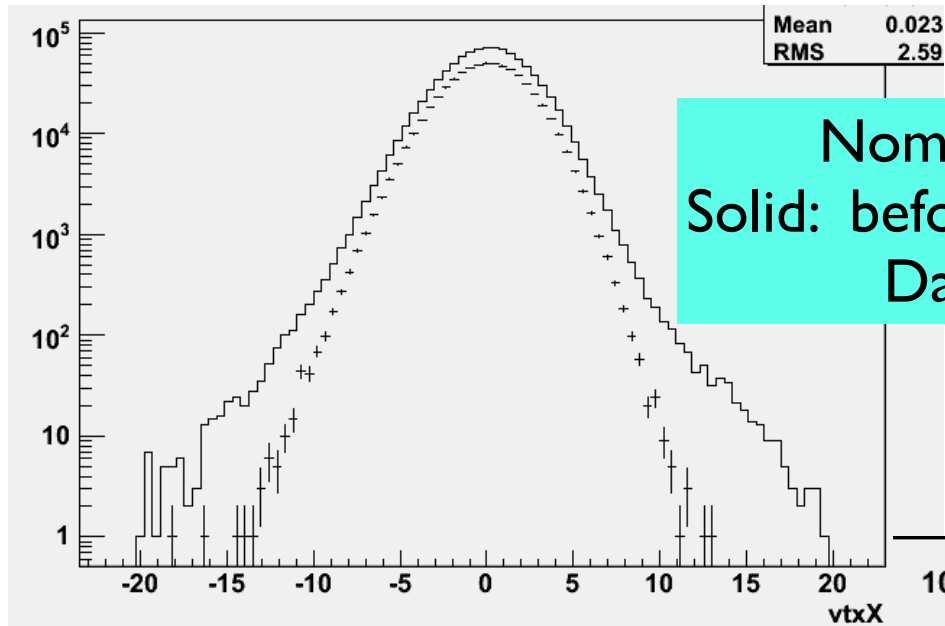
# details on test layout (4-layer): vtxZ



# details on test layout (4-layer): mishits

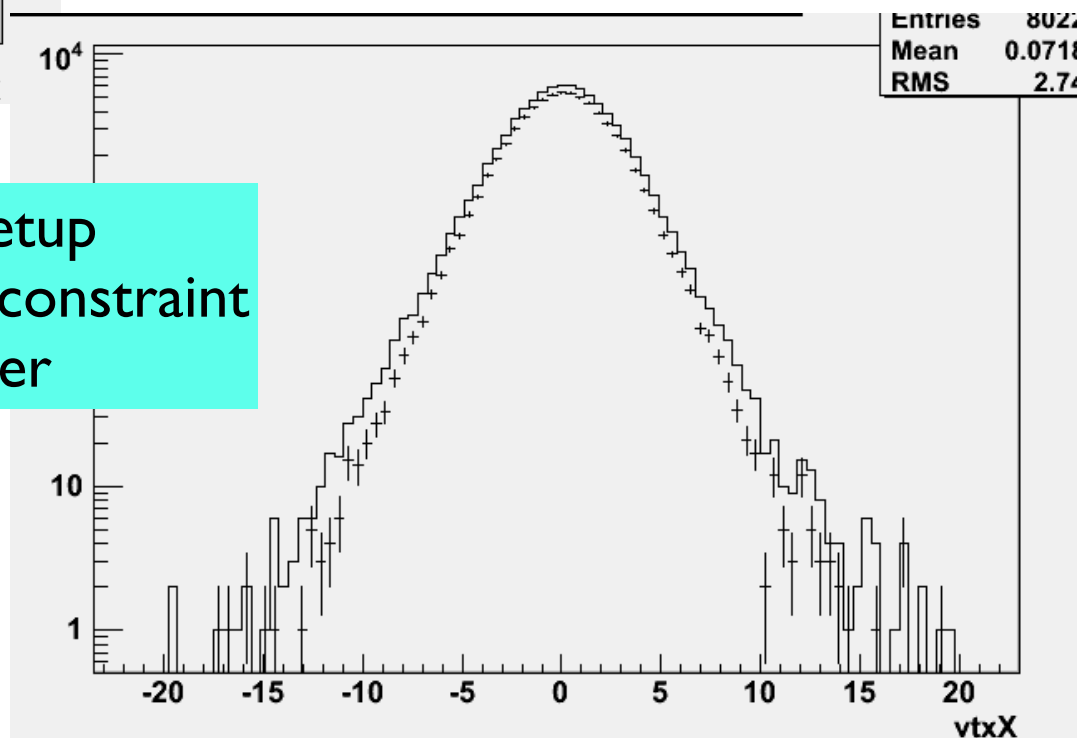


# full vs test...

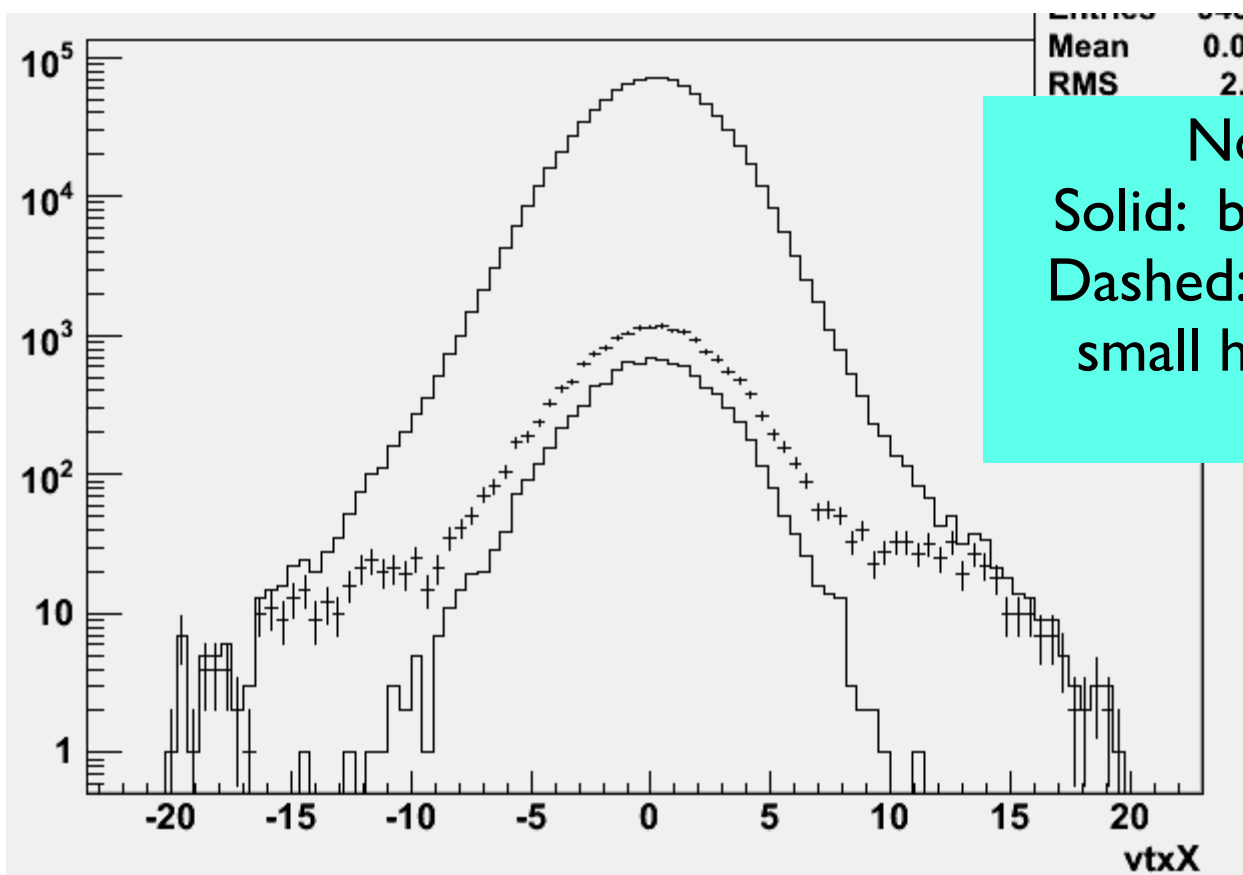


Nominal Full Setup  
Solid: before A' BS constraint  
Dashed: after

4-layer test Setup  
Solid: before A' BS constraint  
Dashed: after

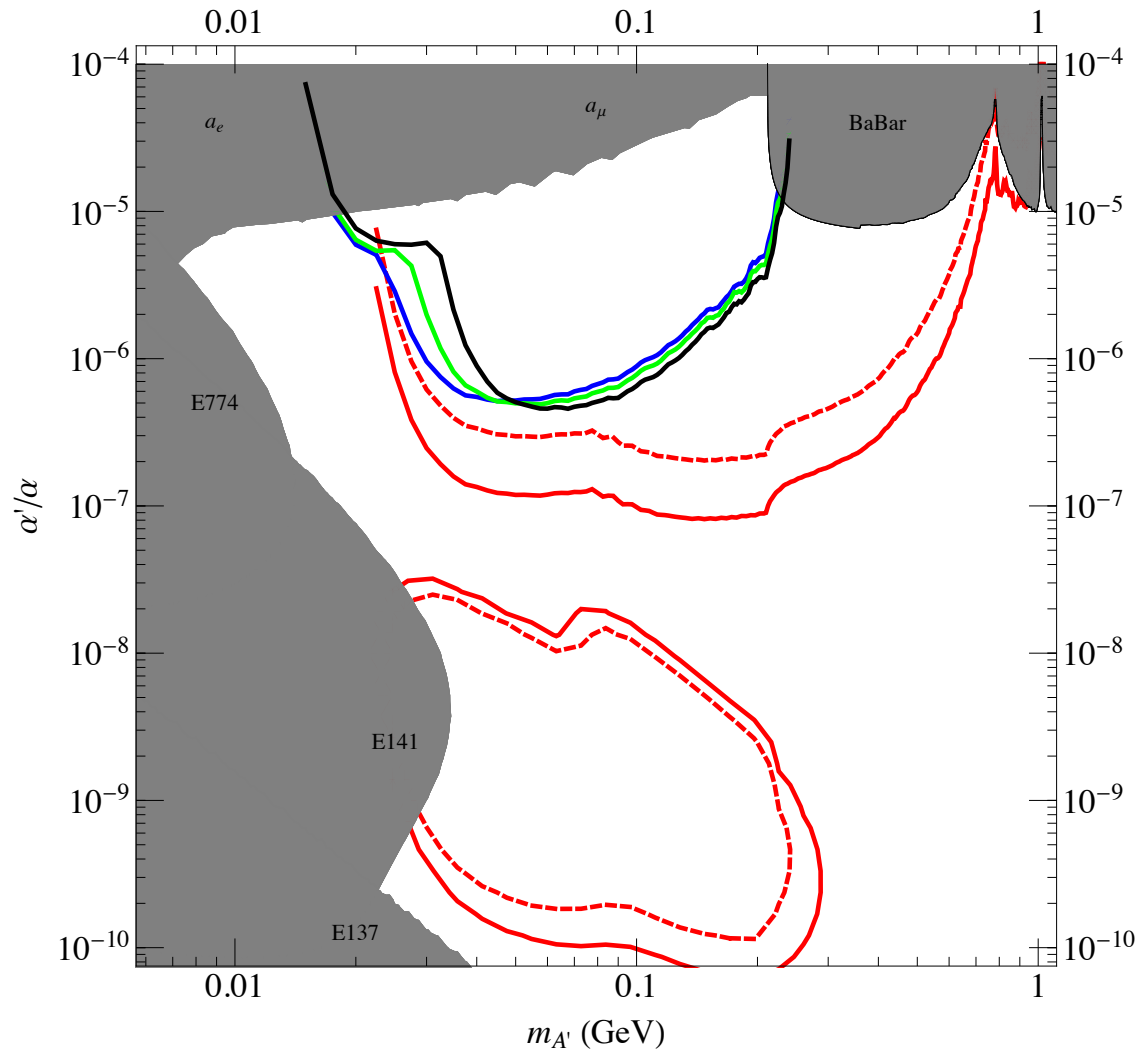


# Full mishits



**Nominal Full Setup**  
Solid: before A' BS constraint  
Dashed: same but just mishits  
small histo: mishits after BS  
constraint

# Test Reach: Dead Zones



Black: 20mrad  
Green: 17mrad  
Blue: 15mrad