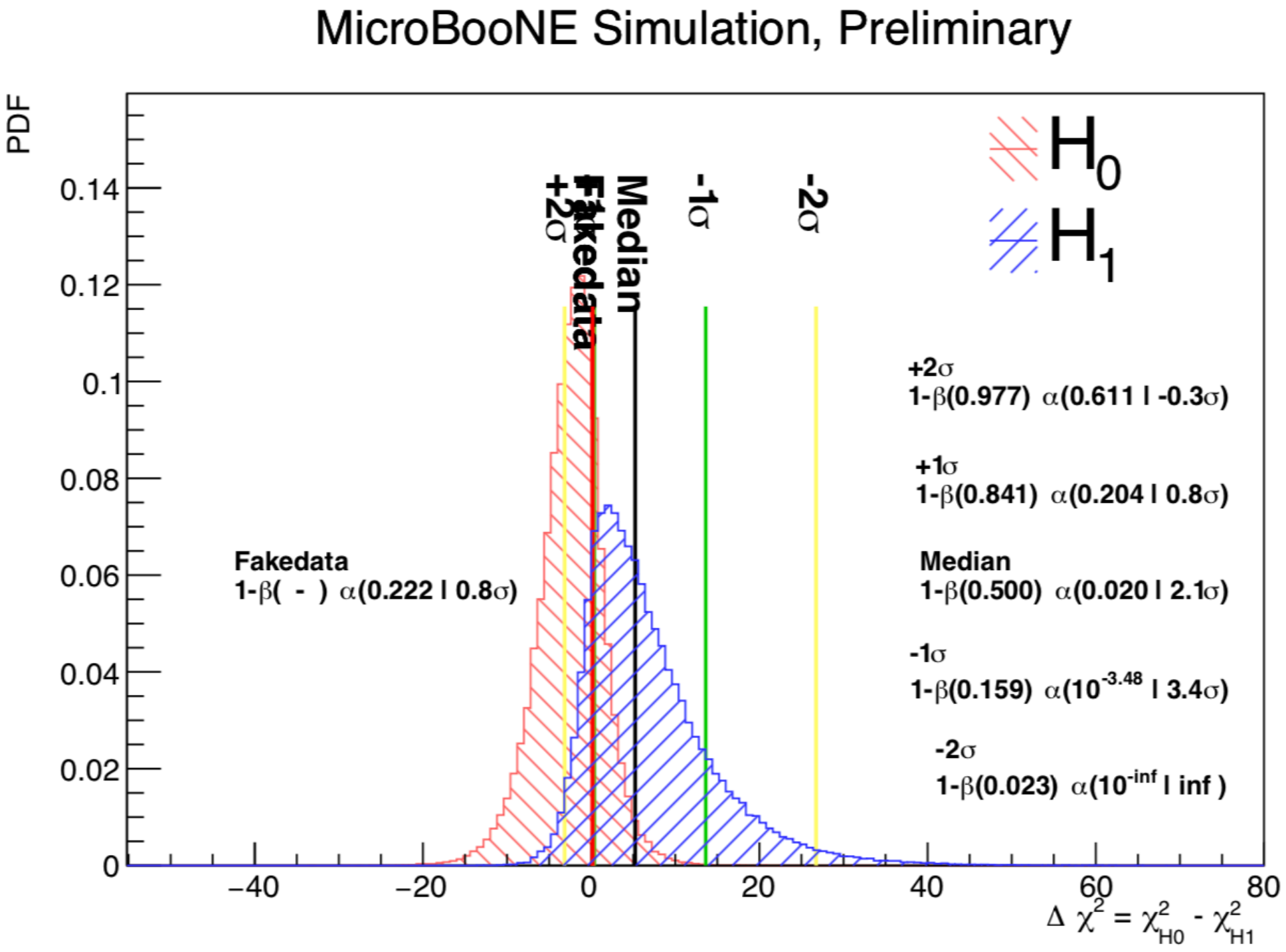
MicroBooNE Simulation, Preliminary
PDF
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
−40
−20
0
20
40
60
80
Δ χ² = χ²H0 - χ²H1
H0
H1
+2σ
Fakedata
Median
-1σ
-2σ
Fakedata
1-β( - ) α(0.222 I 0.8σ)
+2σ
1-β(0.977) α(0.611 I -0.3σ)
+1σ
1-β(0.841) α(0.204 I 0.8σ)
Median
1-β(0.500) α(0.020 I 2.1σ)
-1σ
1-β(0.159) α(10^-3.48 I 3.4σ)
-2σ
1-β(0.023) α(10^-inf I inf )