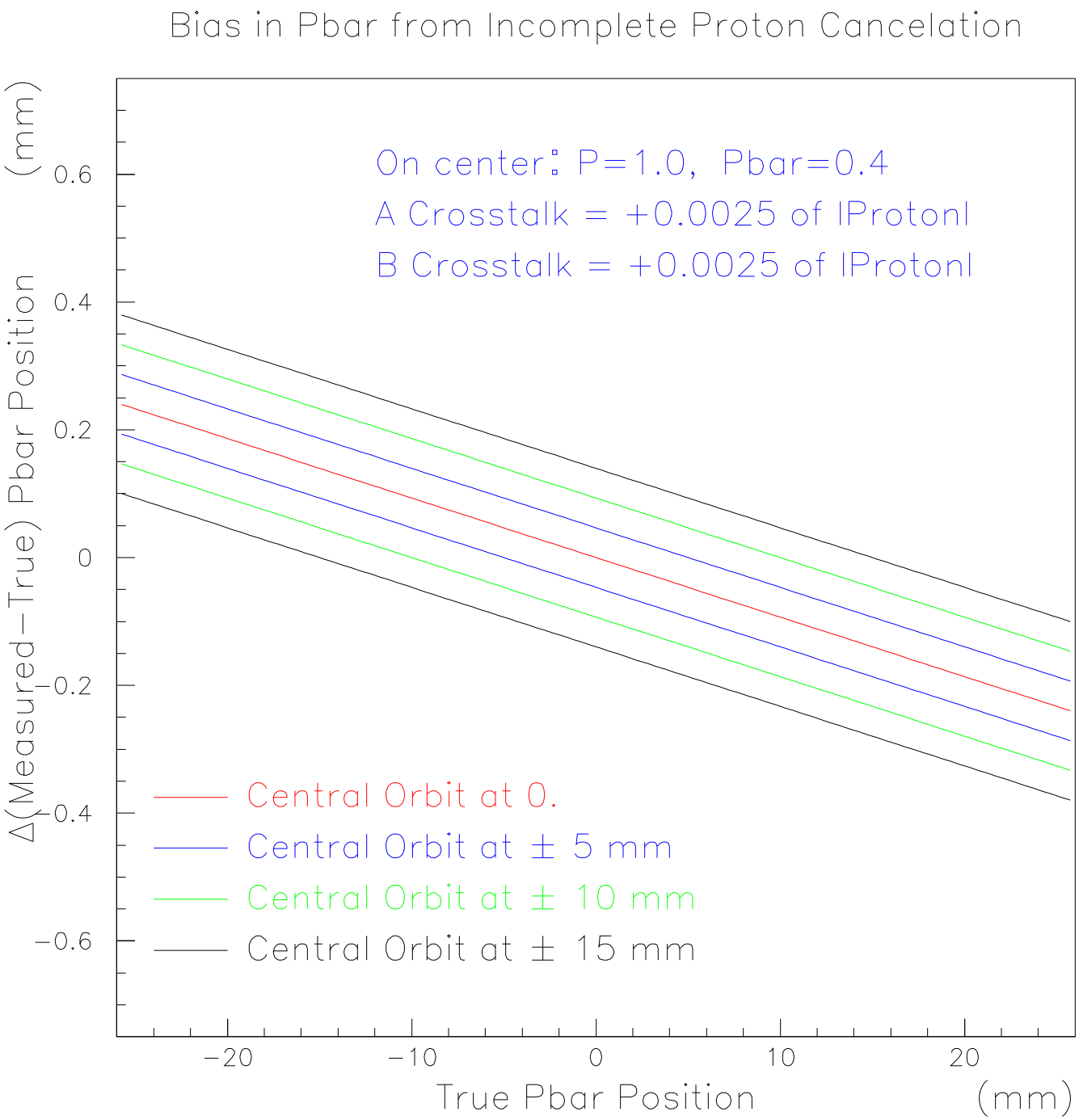
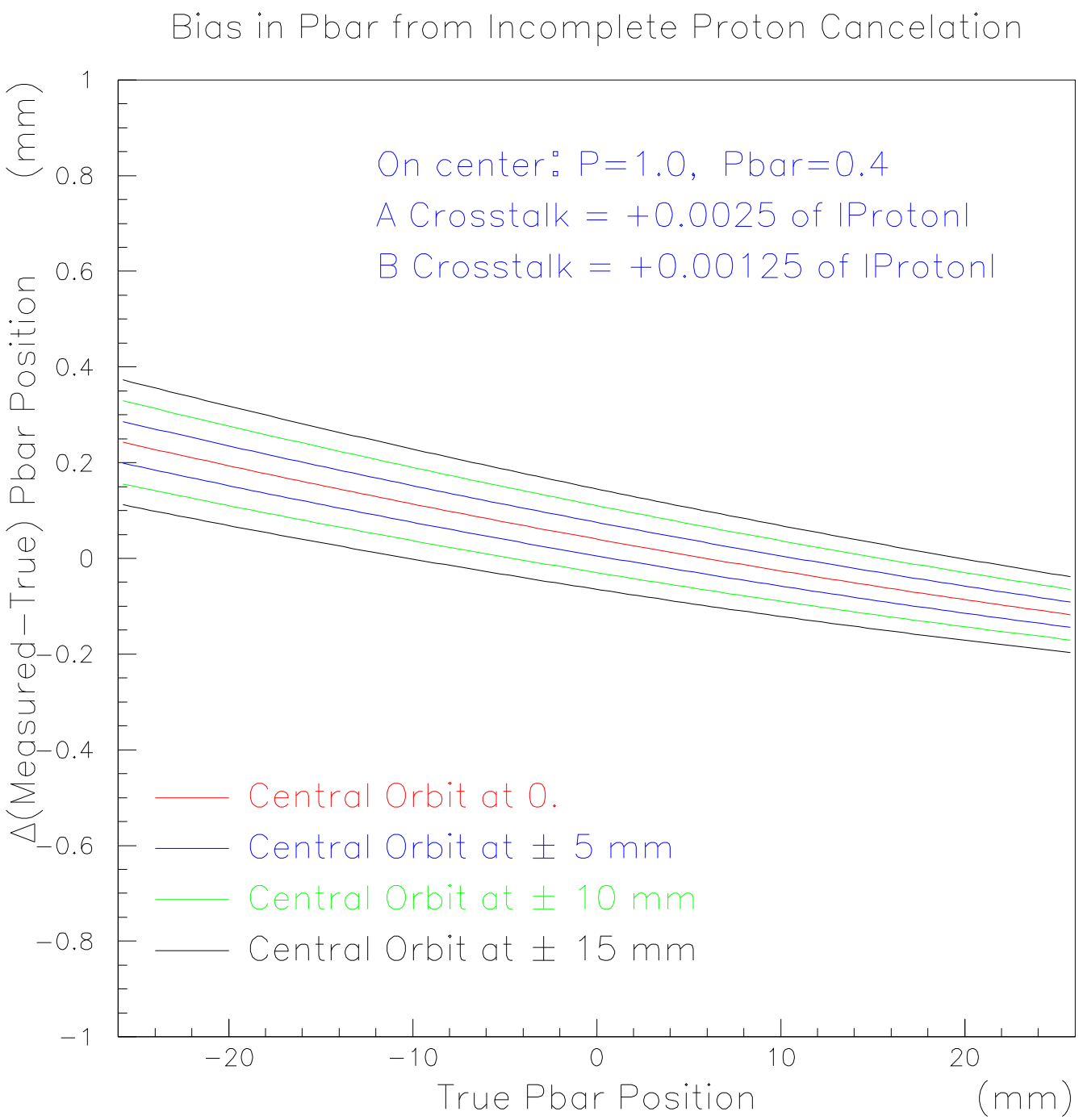
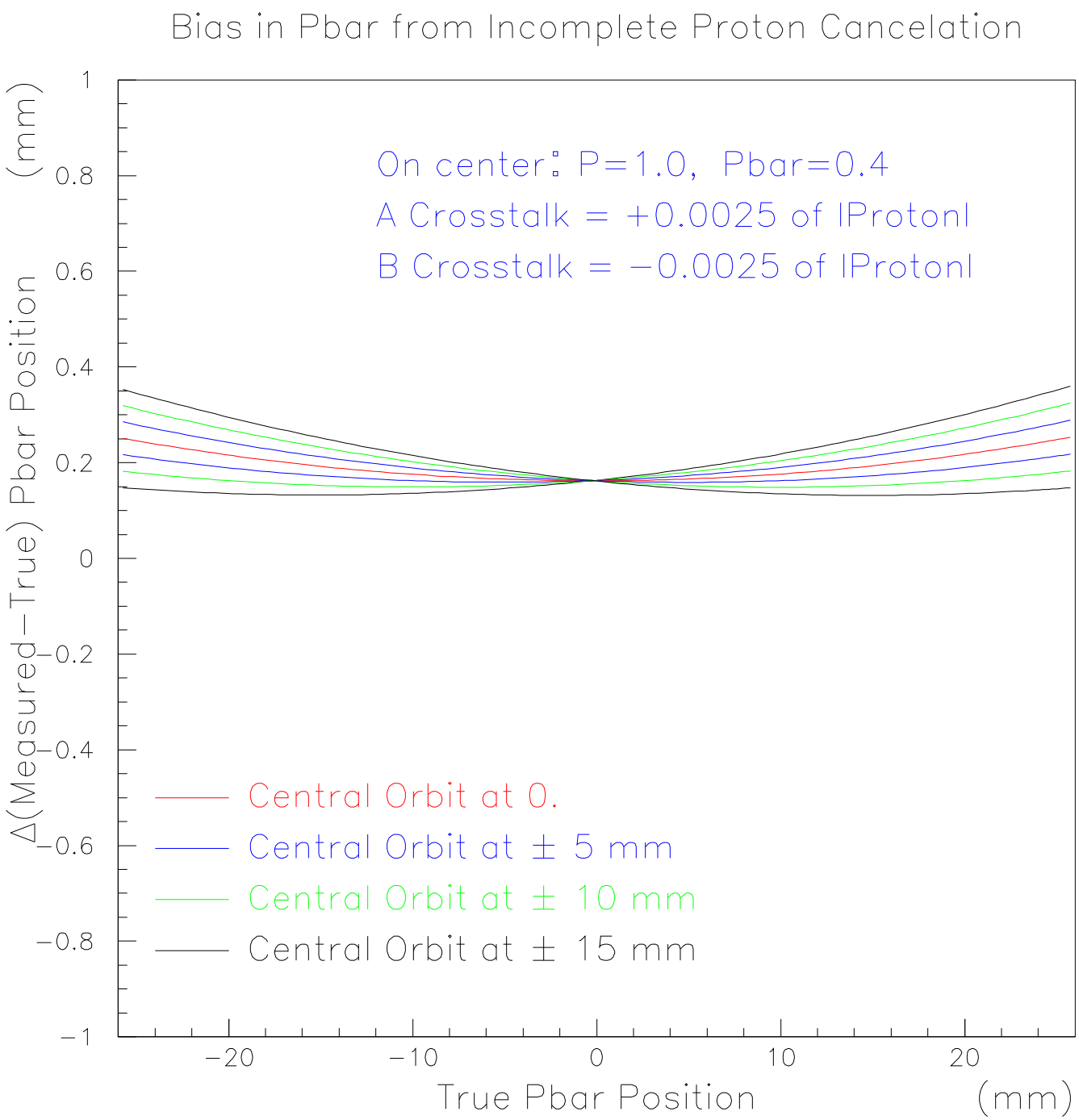
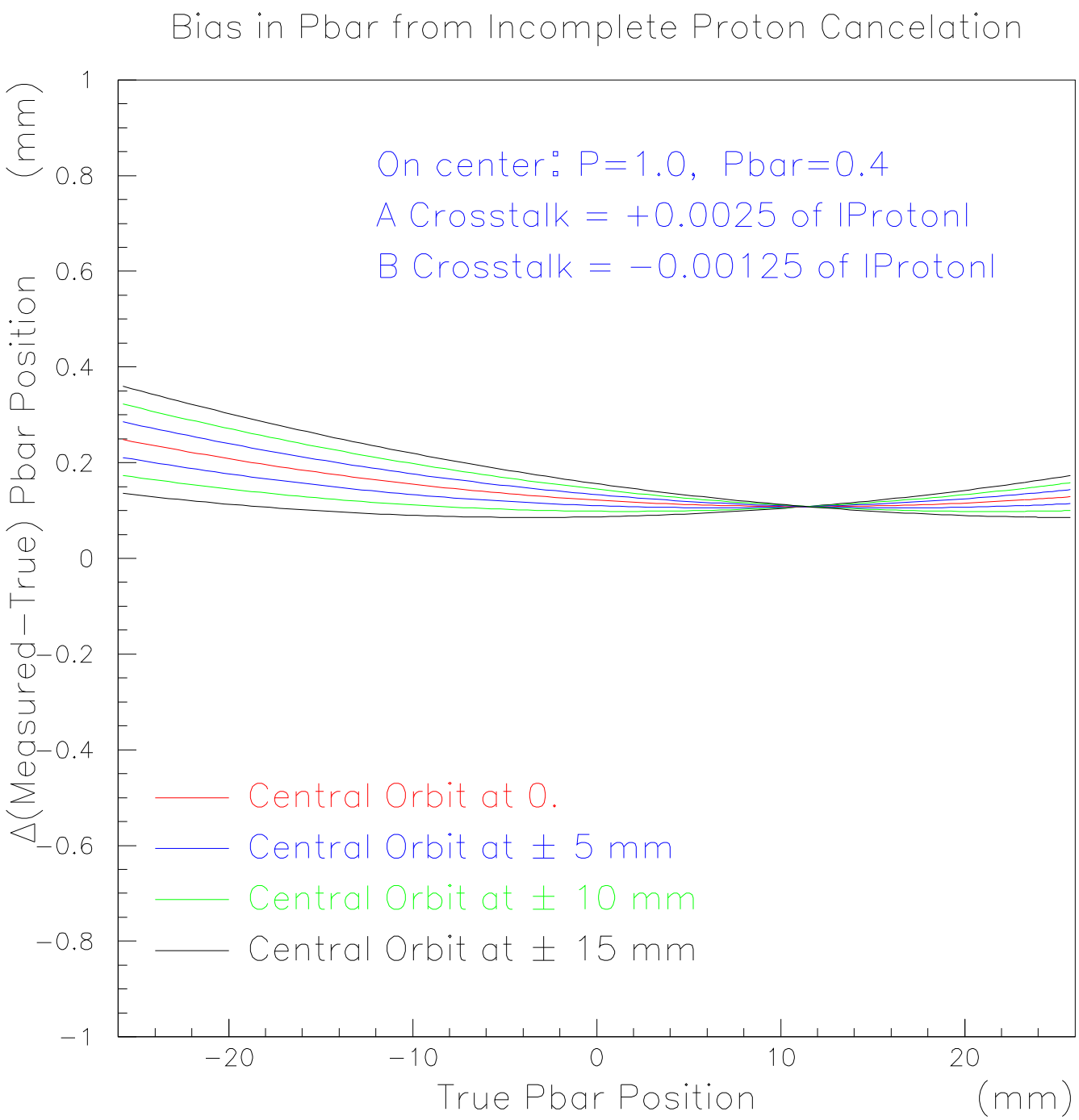

Bias in Pbar from Incomplete Proton Cancelation
On center: P=1.0, Pbar=0.4
A Crosstalk = +0.0025 of IProtonI
B Crosstalk = +0.0025 of IProtonI
Central Orbit at 0.
Central Orbit at ± 5 mm
Central Orbit at ± 10 mm
Central Orbit at ± 15 mm
Δ(Measured−True) Pbar Position (mm)
True Pbar Position (mm)
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−20
−10
0
10
20


Bias in Pbar from Incomplete Proton Cancelation
On center: P=1.0, Pbar=0.4
A Crosstalk = +0.0025 of IProtonI
B Crosstalk = +0.00125 of IProtonI
Central Orbit at 0.
Central Orbit at ± 5 mm
Central Orbit at ± 10 mm
Central Orbit at ± 15 mm
Δ(Measured−True) Pbar Position (mm)
True Pbar Position (mm)
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−20
−10
0
10
20


Bias in Pbar from Incomplete Proton Cancelation
On center: P=1.0, Pbar=0.4
A Crosstalk = +0.0025 of IProtonI
B Crosstalk = −0.0025 of IProtonI
Central Orbit at 0.
Central Orbit at ± 5 mm
Central Orbit at ± 10 mm
Central Orbit at ± 15 mm
Δ(Measured−True) Pbar Position (mm)
True Pbar Position (mm)
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−20
−10
0
10
20


Bias in Pbar from Incomplete Proton Cancelation
On center: P=1.0, Pbar=0.4
A Crosstalk = +0.0025 of IProtonI
B Crosstalk = −0.00125 of IProtonI
Central Orbit at 0.
Central Orbit at ± 5 mm
Central Orbit at ± 10 mm
Central Orbit at ± 15 mm
Δ(Measured−True) Pbar Position (mm)
True Pbar Position (mm)
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−20
−10
0
10
20