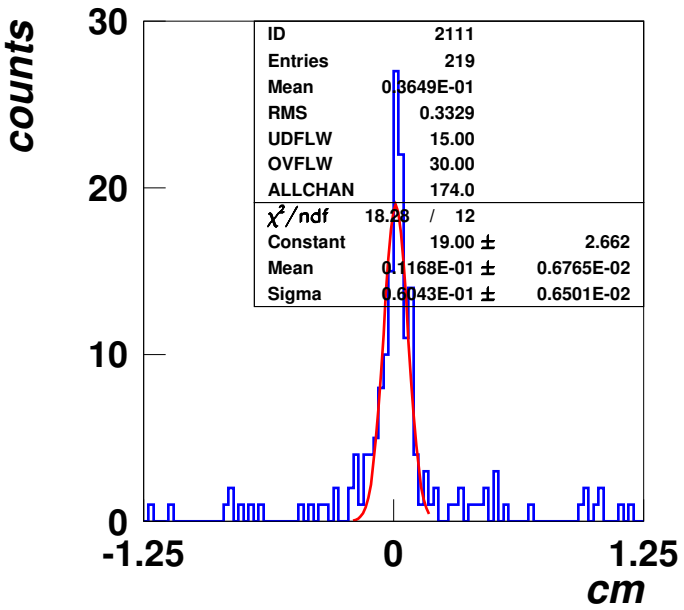
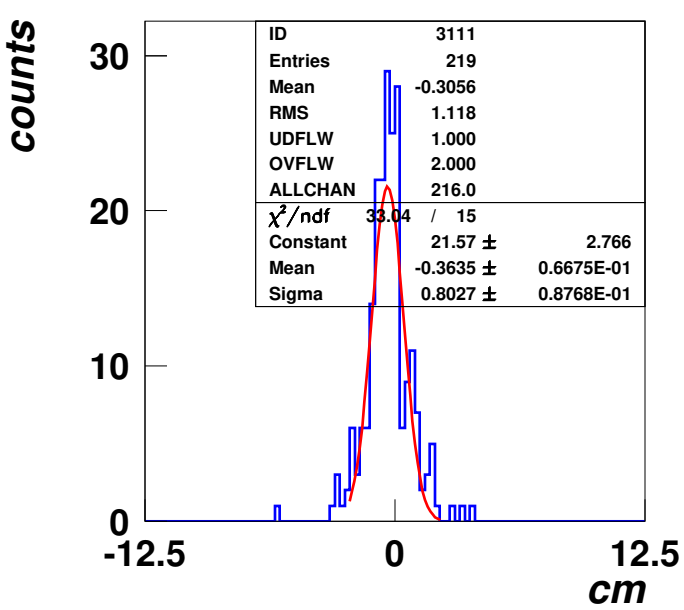
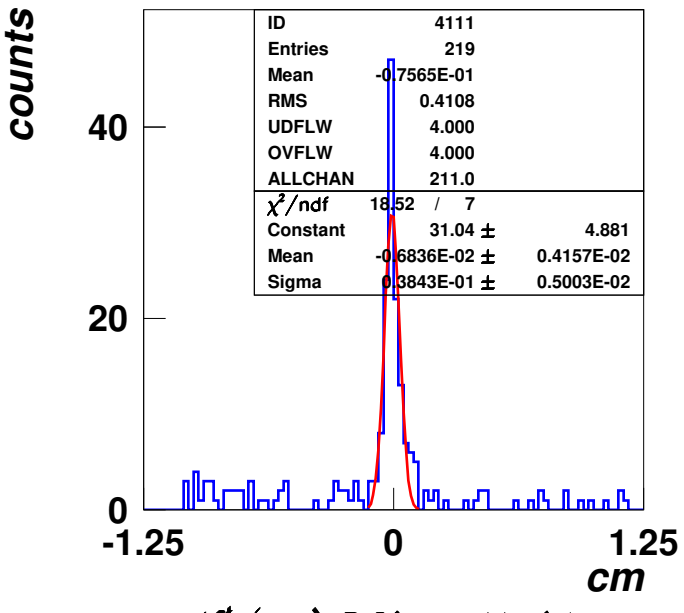
# *Residuals on Drift Ch. - module 1*



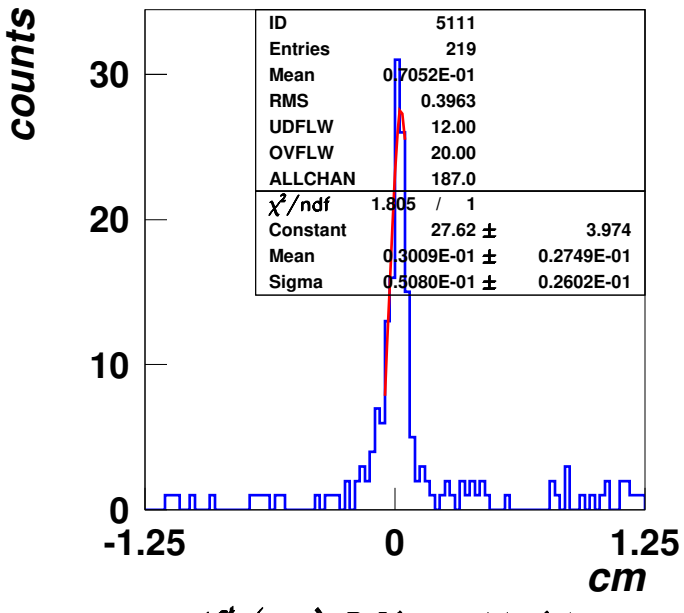

1st (up) DCi – Φ side




1st (up) DCi – Z side

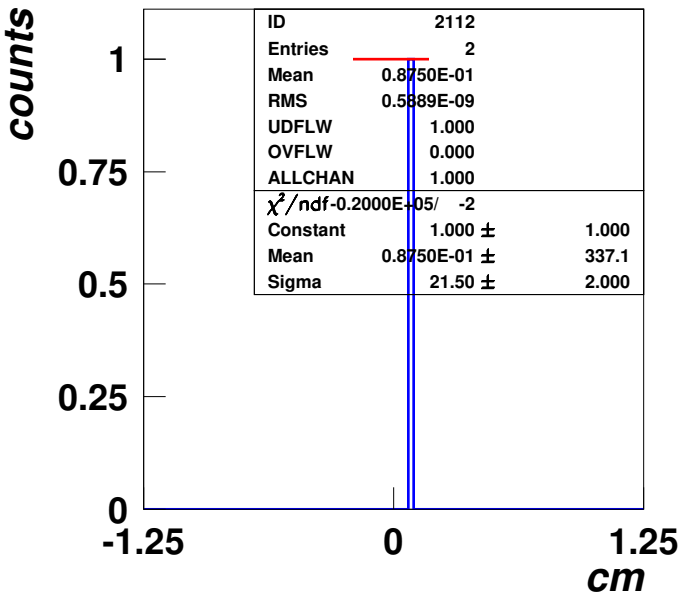



1st (up) DCi – X side

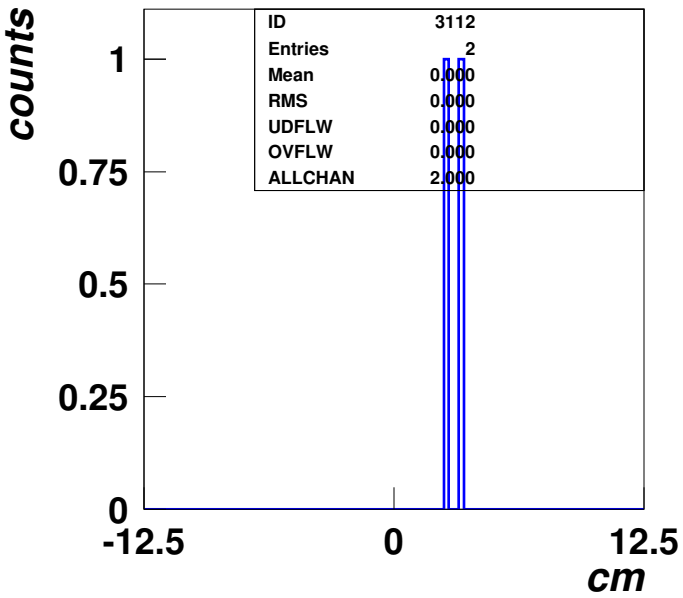



1st (up) DCi – Y side

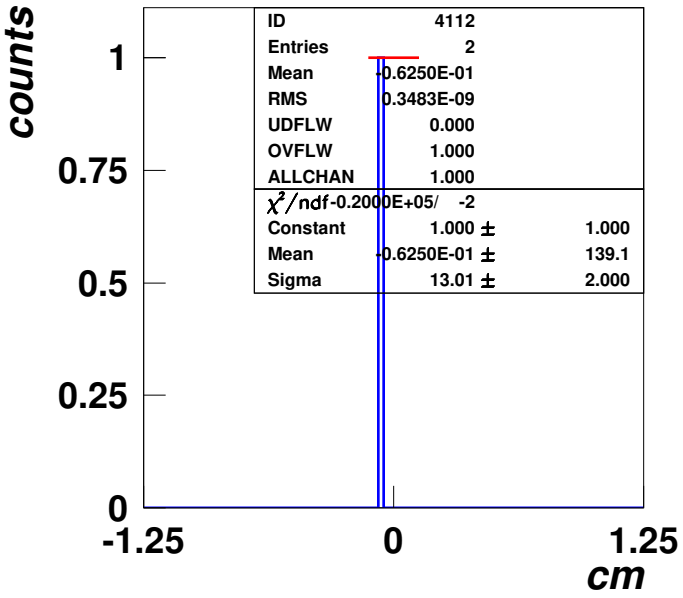
# *Residuals on Drift Ch. - module 1*



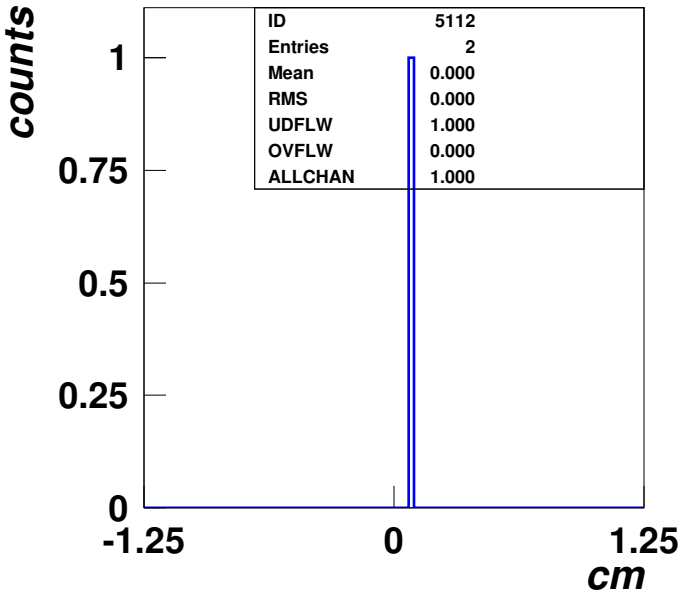

2nd (down) DCi – Φ side




2nd (down) DCi – Z side

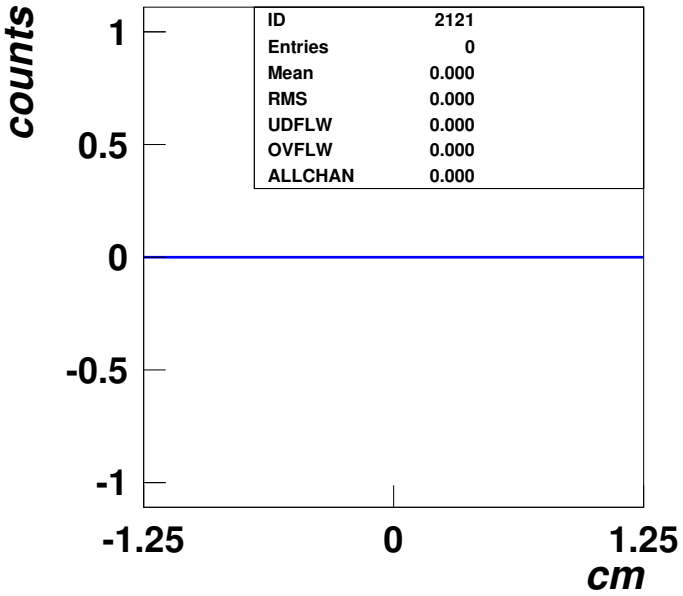



2nd (down) DCi – X side

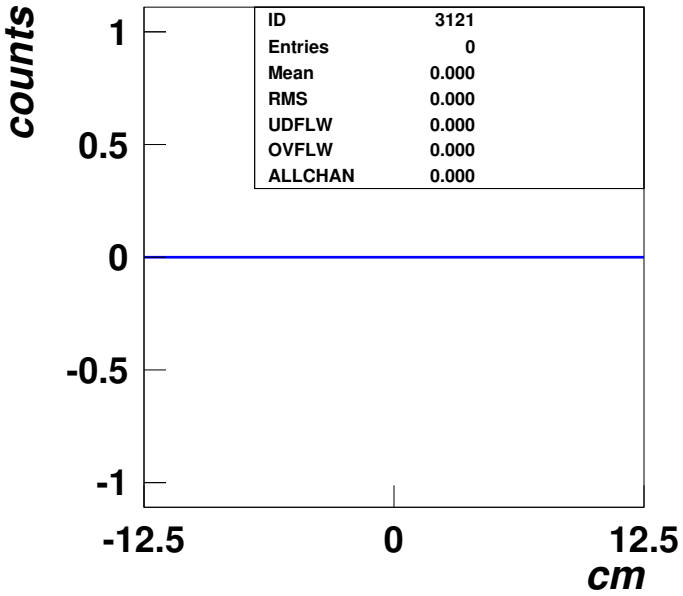



2nd (down) DCi – Y side

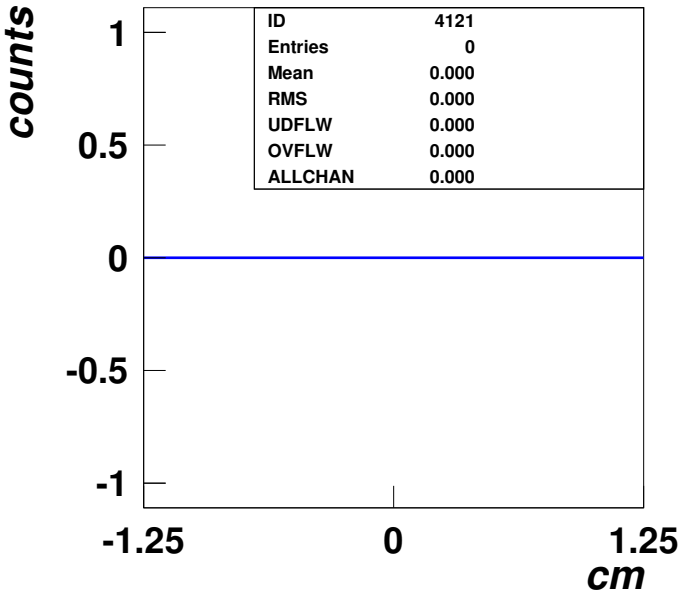
# *Residuals on Drift Ch. - module 1*



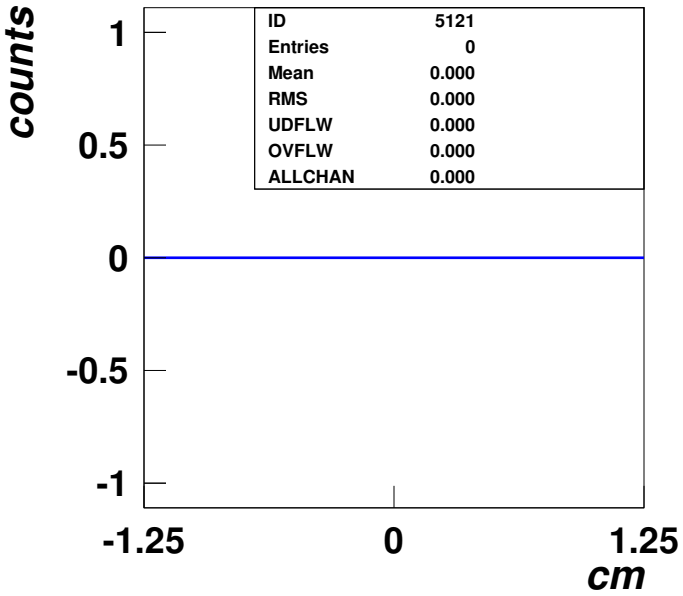

1st (up) DCo – Φ side




1st (up) DCo – Z side

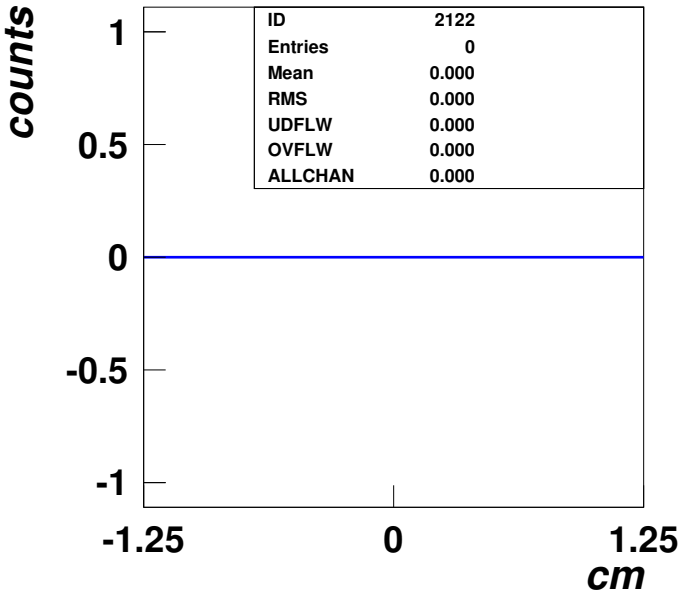



1st (up) DCo – X side

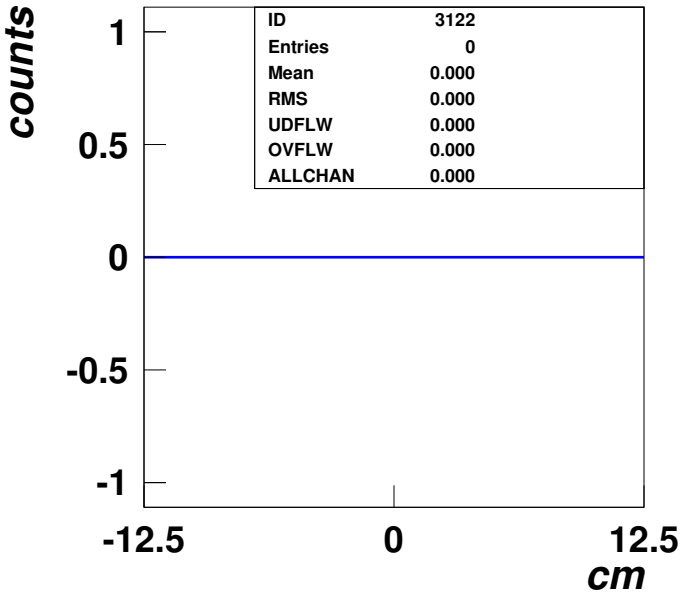



1st (up) DCo – Y side

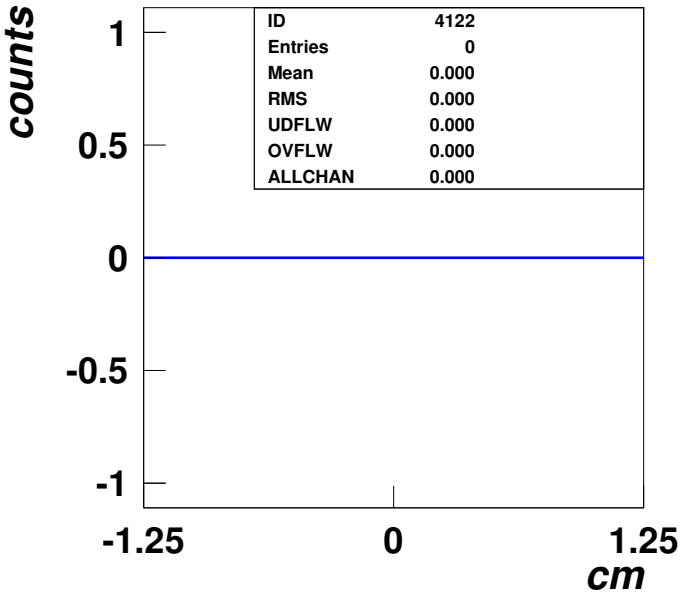
# *Residuals on Drift Ch. - module 1*



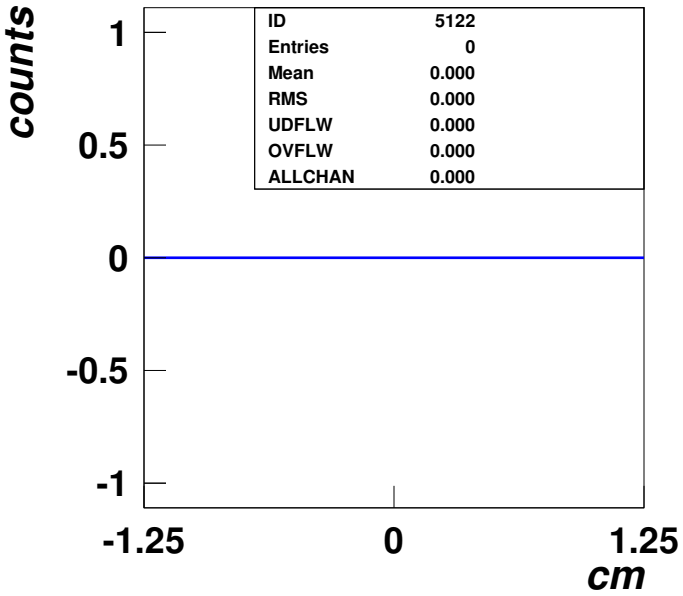

$2^{nd}$ (down) DCo – Φ side




$2^{nd}$ (down) DCo – Z side

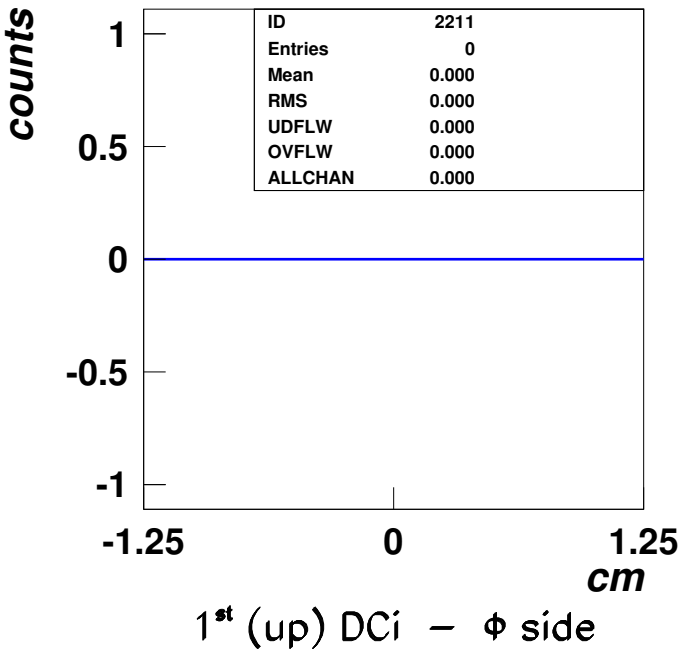



$2^{nd}$ (down) DCo – X side

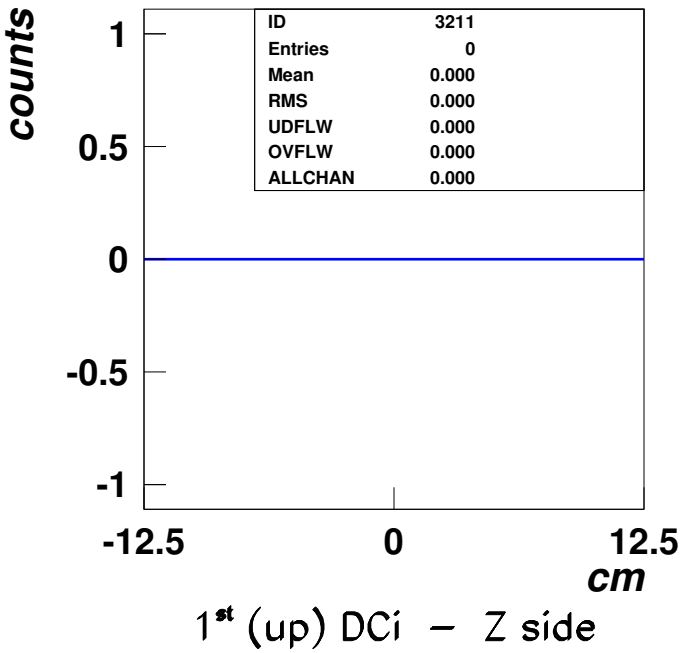



$2^{nd}$ (down) DCo – Y side

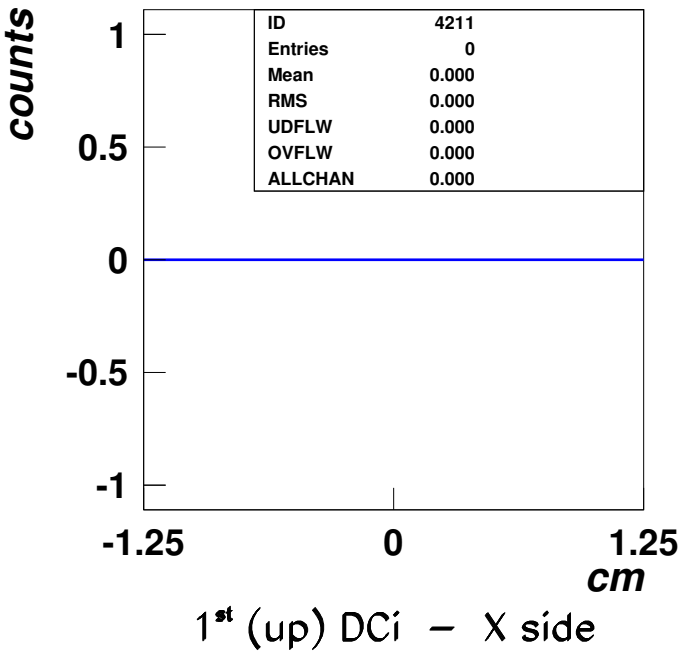
# *Residuals on Drift Ch. - module 2*



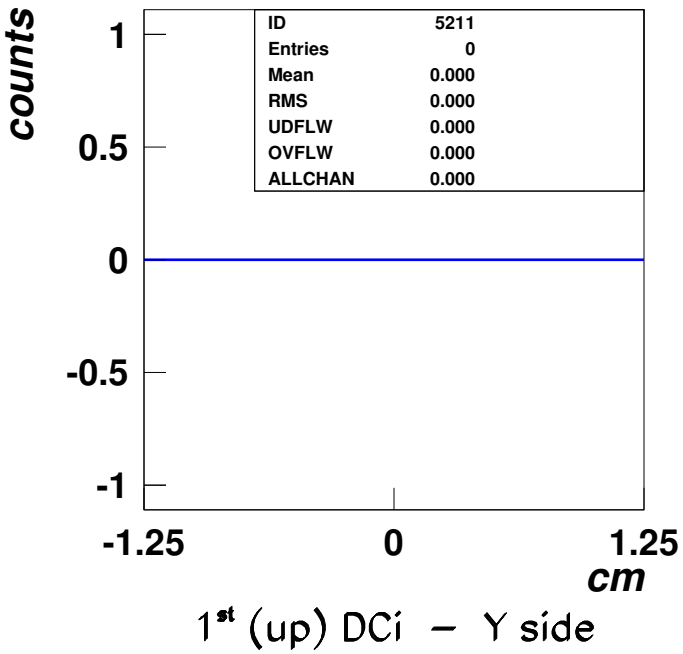

1st (up) DCi – Φ side




1st (up) DCi – Z side

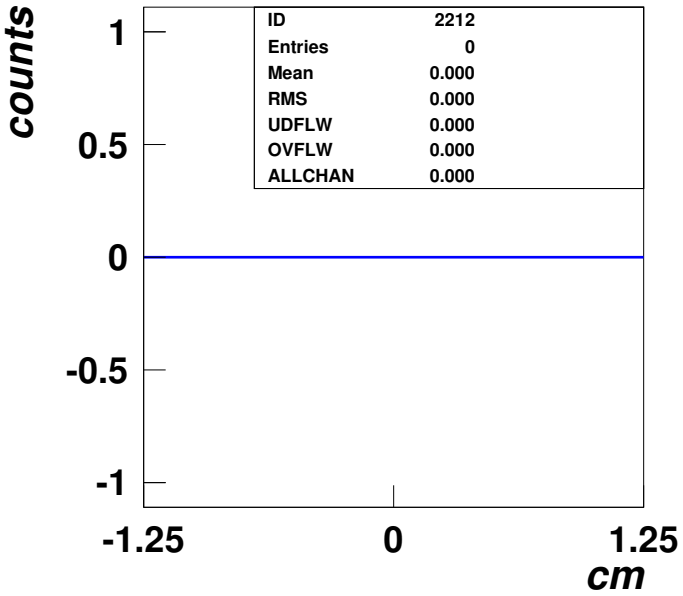



1st (up) DCi – X side

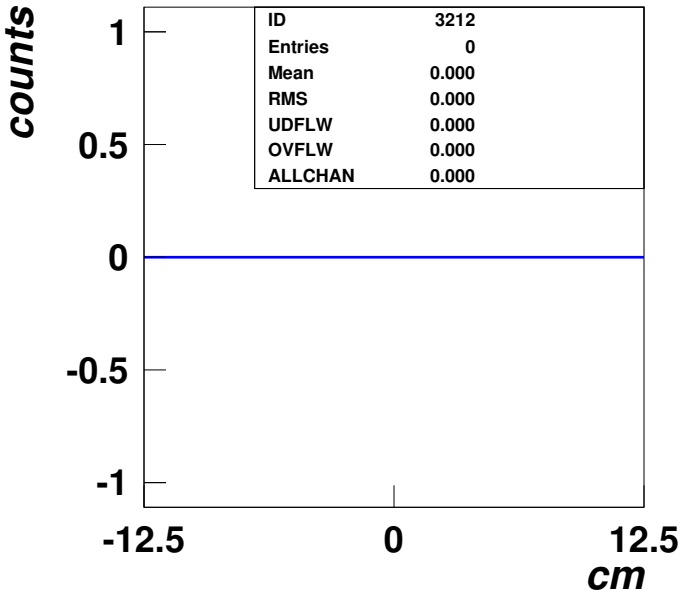



1st (up) DCi – Y side

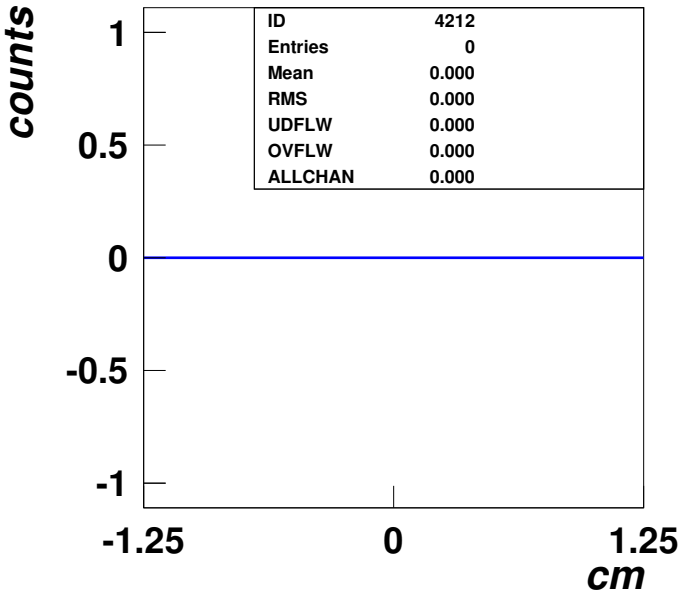
# *Residuals on Drift Ch. - module 2*



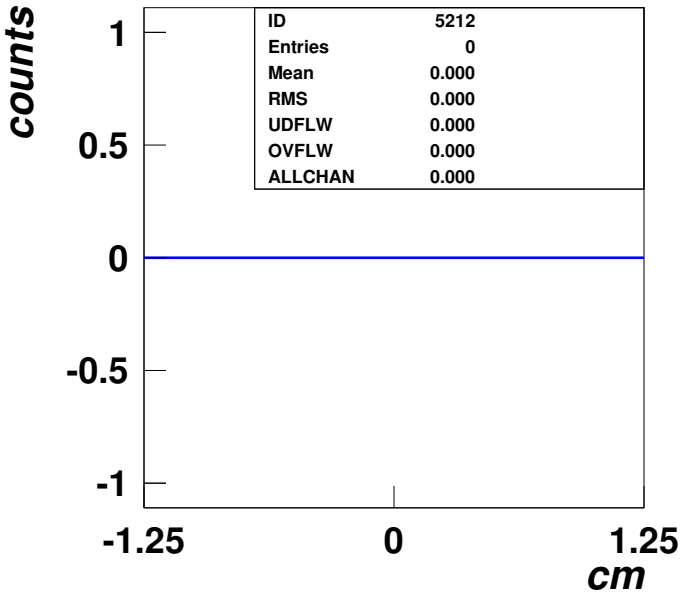

$2^{nd}$ (down) DCi – Φ side




$2^{nd}$ (down) DCi – Z side

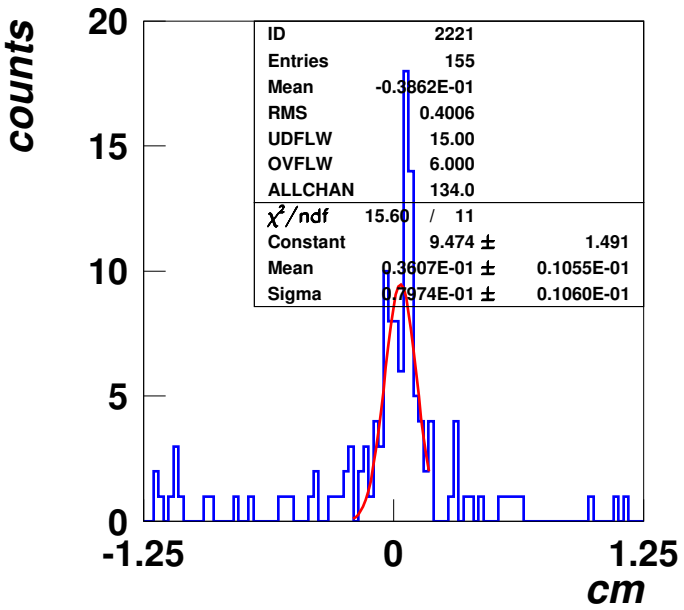



$2^{nd}$ (down) DCi – X side

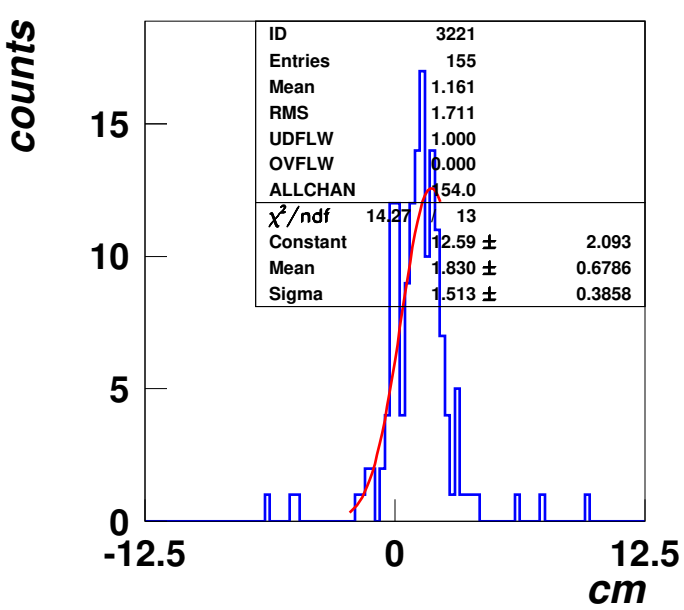



$2^{nd}$ (down) DCi – Y side

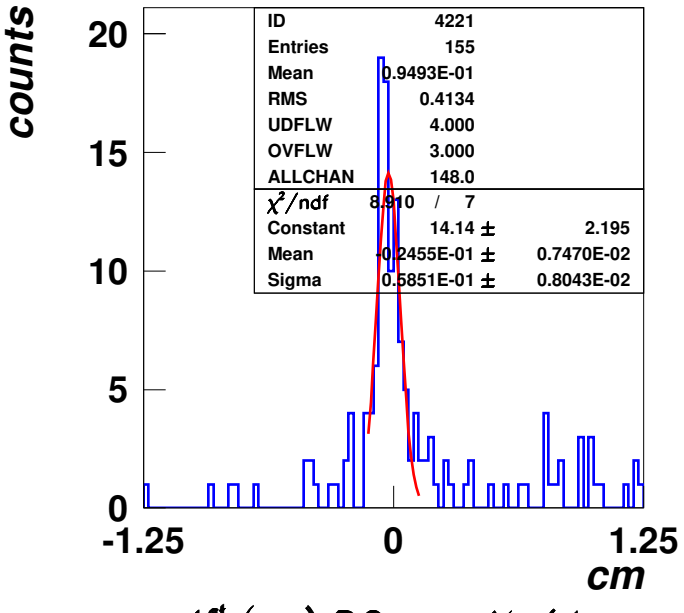
# *Residuals on Drift Ch. - module 2*



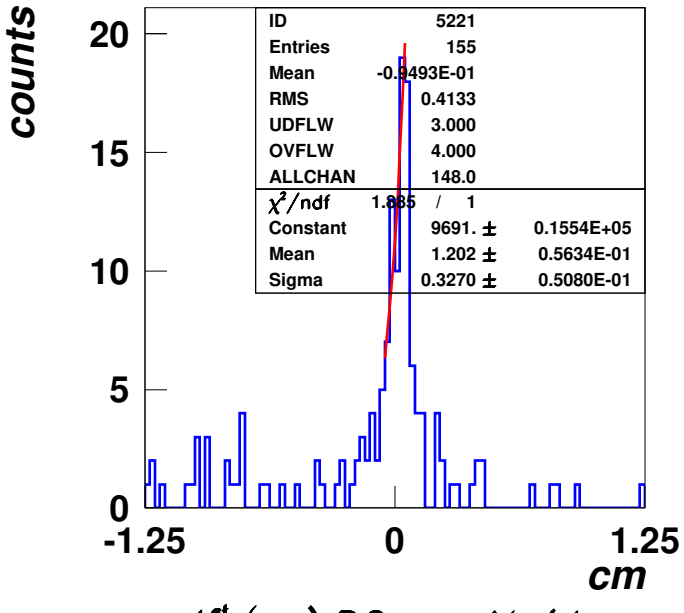

1st (up) DCo – Φ side




1st (up) DCo – Z side

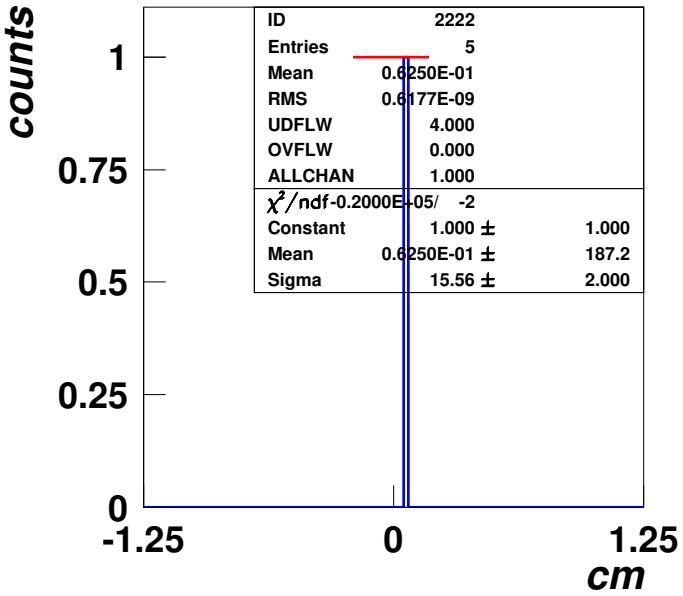



1st (up) DCo – X side

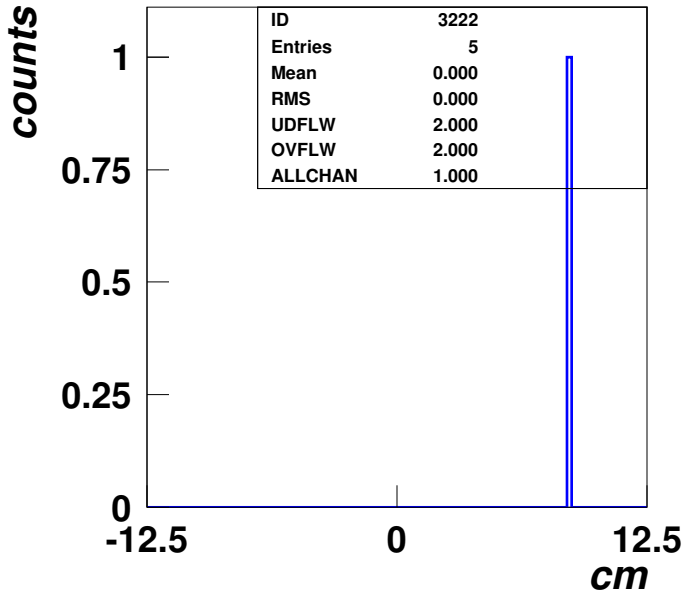



1st (up) DCo – Y side

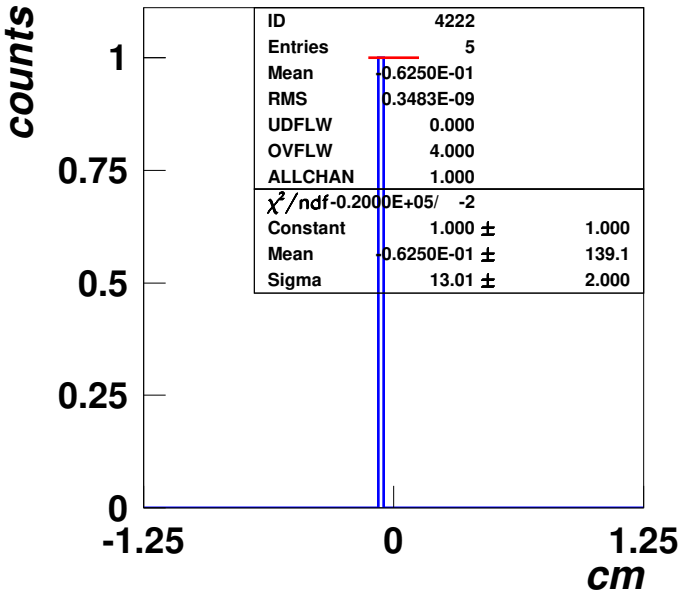
# *Residuals on Drift Ch. - module 2*



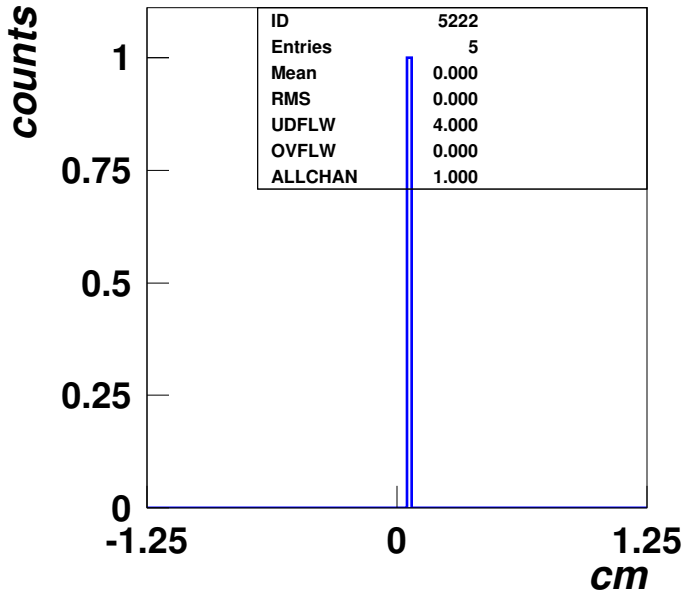

2nd (down) DCo – Φ side




2nd (down) DCo – Z side

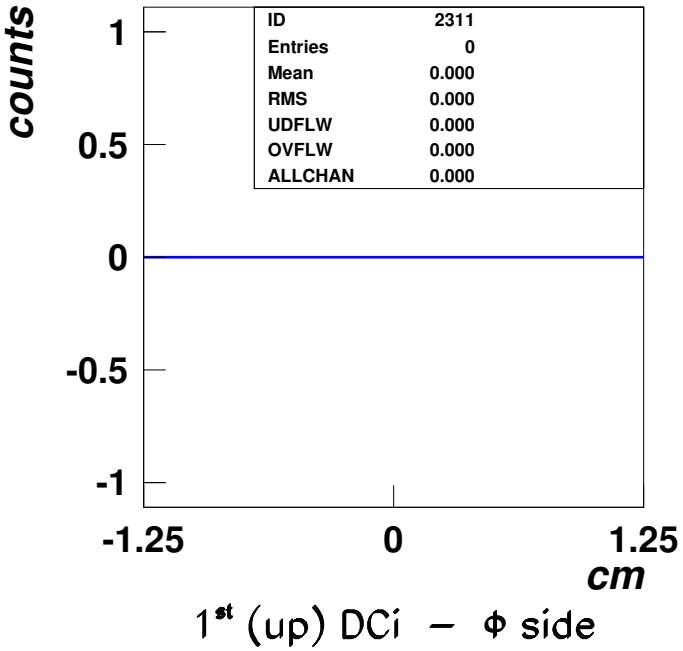



2nd (down) DCo – X side

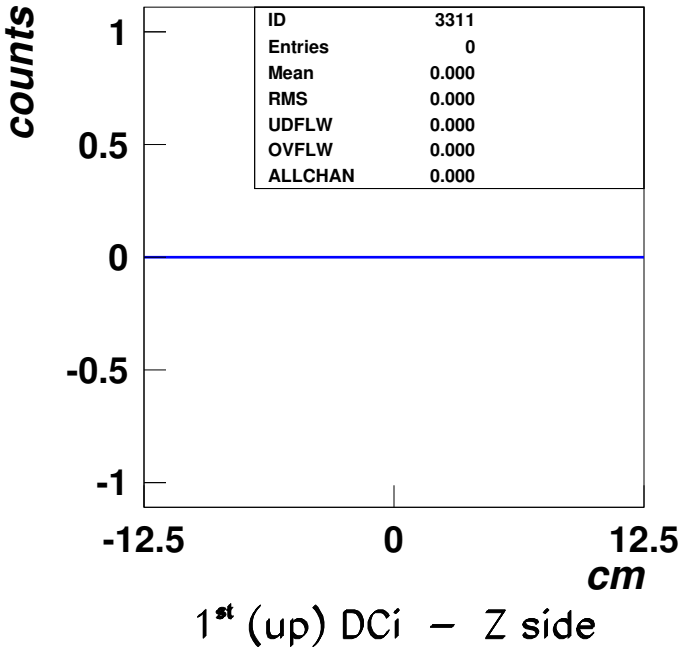



2nd (down) DCo – Y side

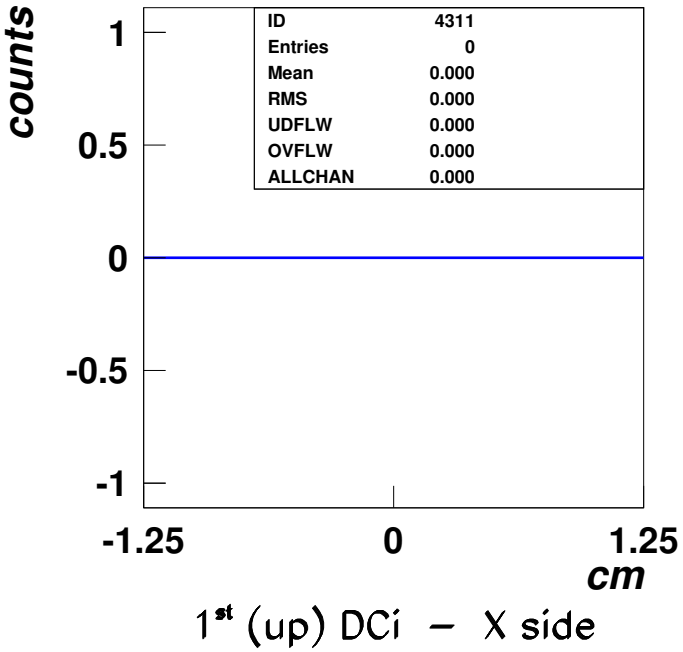
# *Residuals on Drift Ch. - module 3*



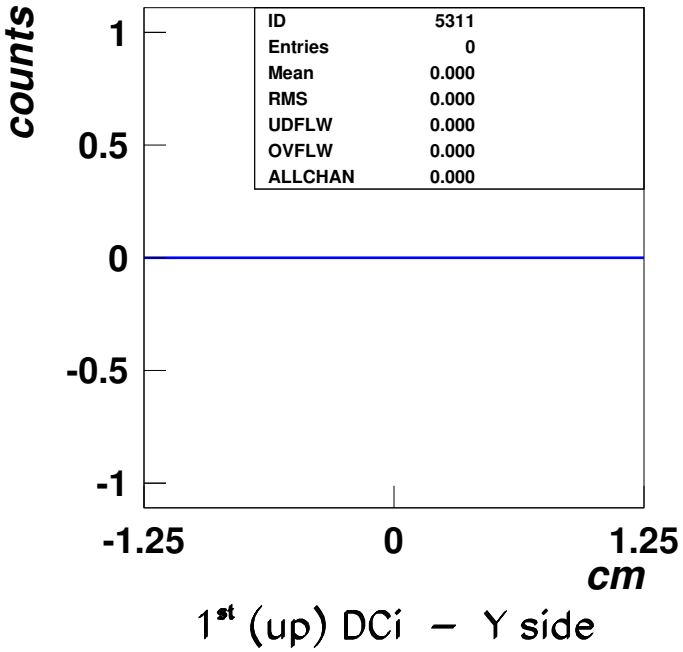

1st (up) DCi – Φ side




1st (up) DCi – Z side

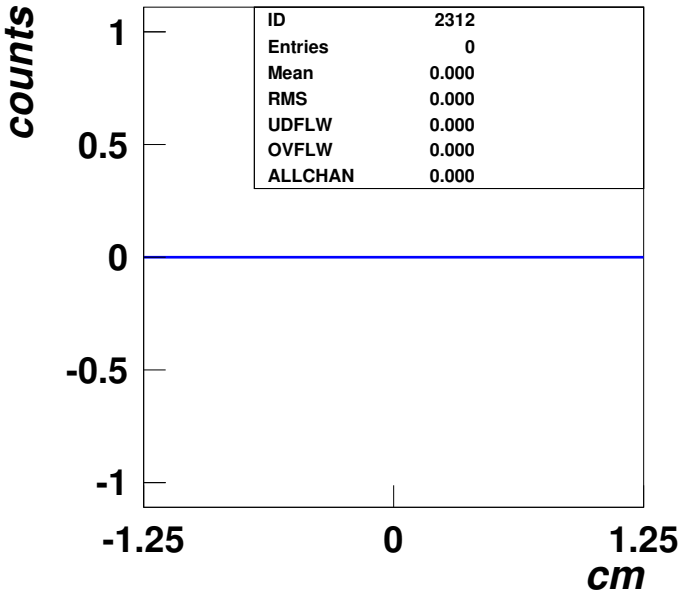



1st (up) DCi – X side

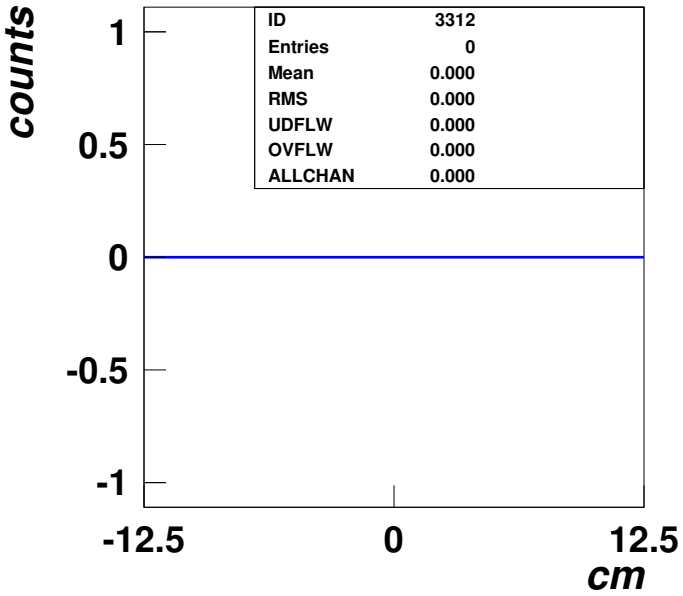



1st (up) DCi – Y side

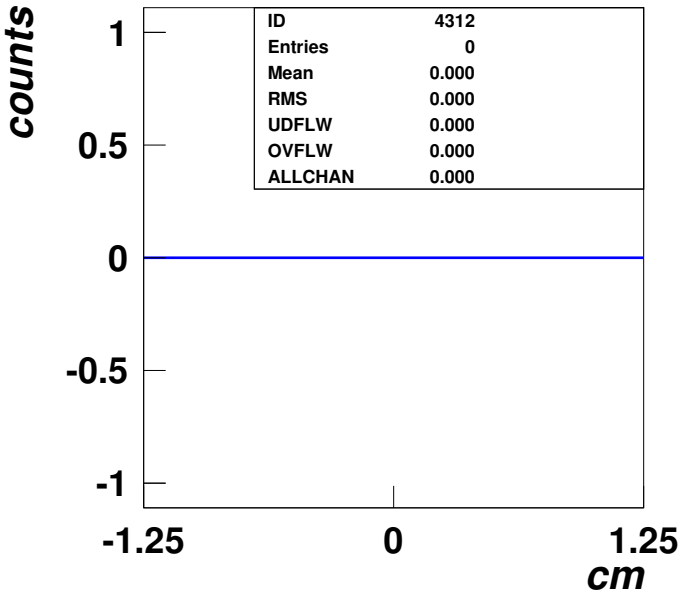
# *Residuals on Drift Ch. - module 3*



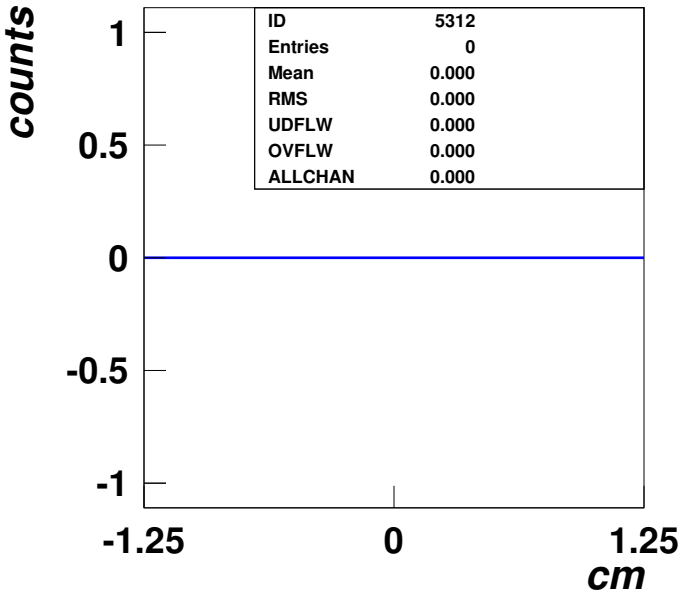

$2^{nd}$ (down) DCi – Φ side




$2^{nd}$ (down) DCi – Z side

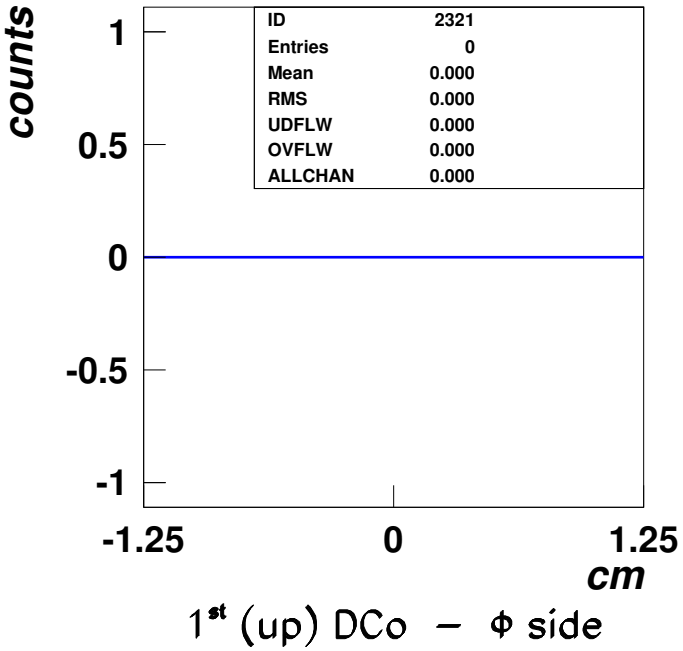



$2^{nd}$ (down) DCi – X side

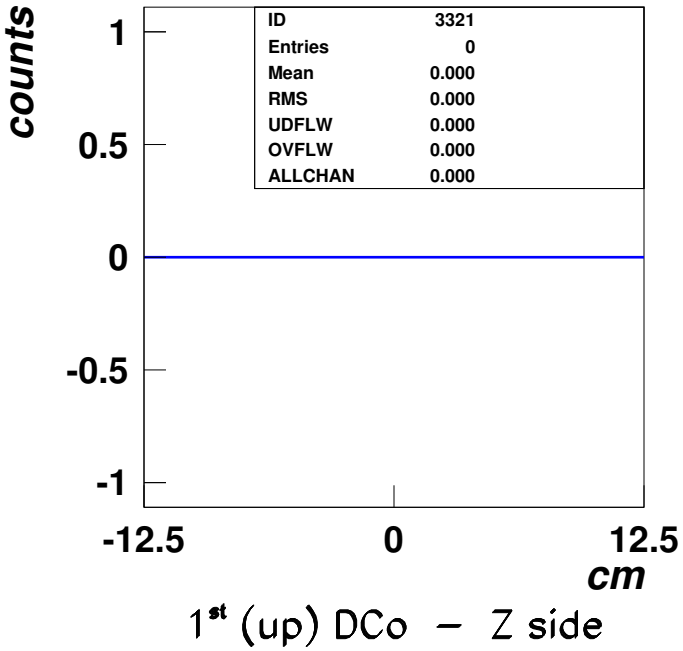



$2^{nd}$ (down) DCi – Y side

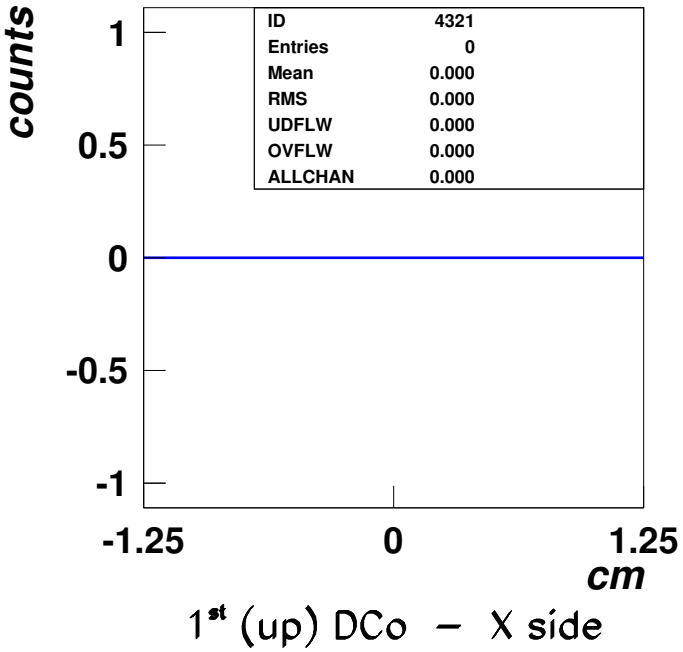
# *Residuals on Drift Ch. - module 3*



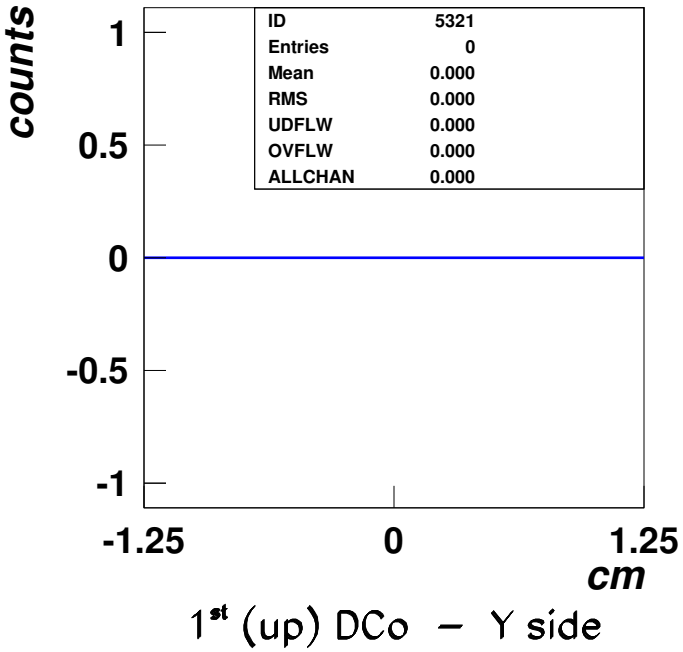

1st (up) DCo – Φ side




1st (up) DCo – Z side

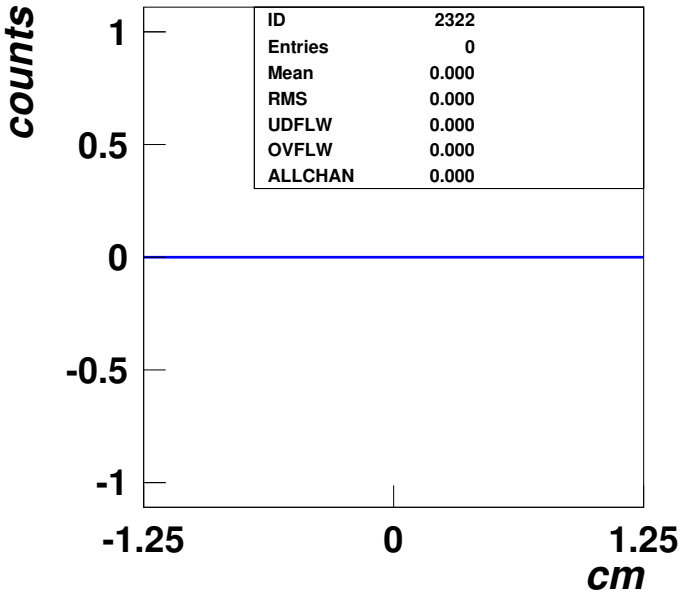



1st (up) DCo – X side

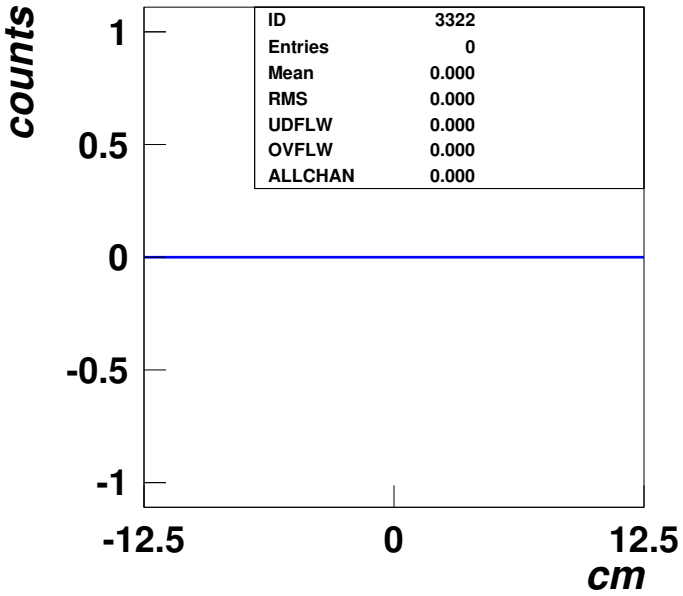



1st (up) DCo – Y side

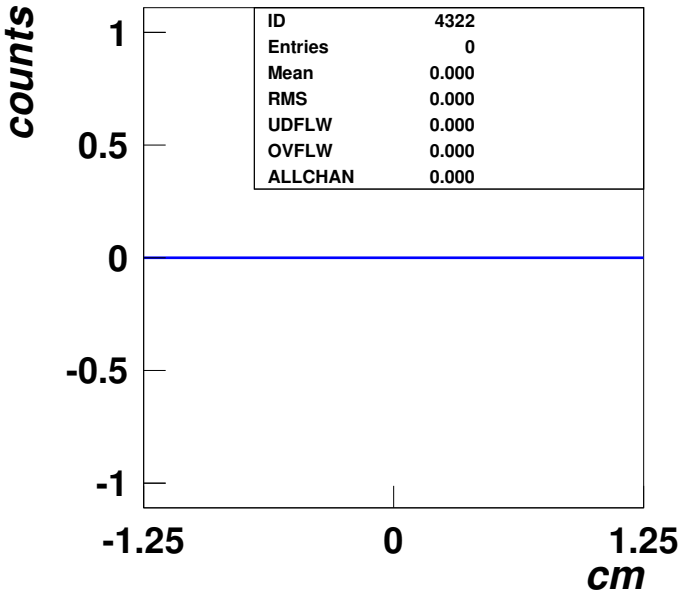
# *Residuals on Drift Ch. - module 3*



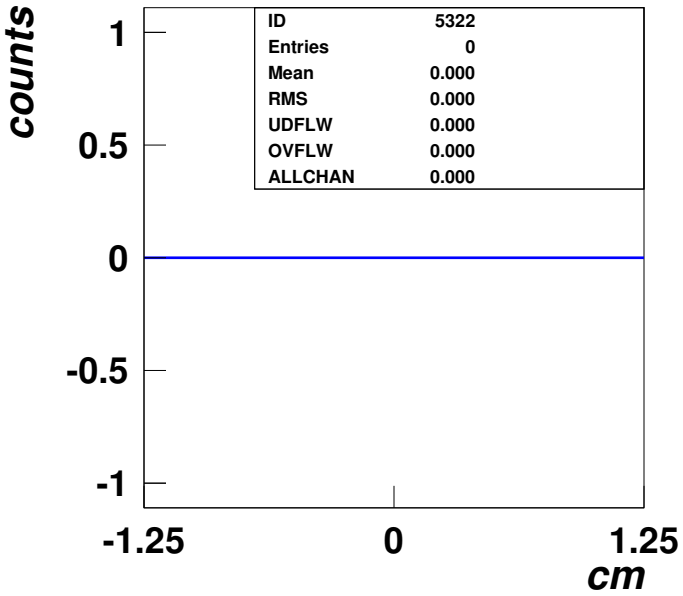

$2^{nd}$ (down) DCo – Φ side




$2^{nd}$ (down) DCo – Z side

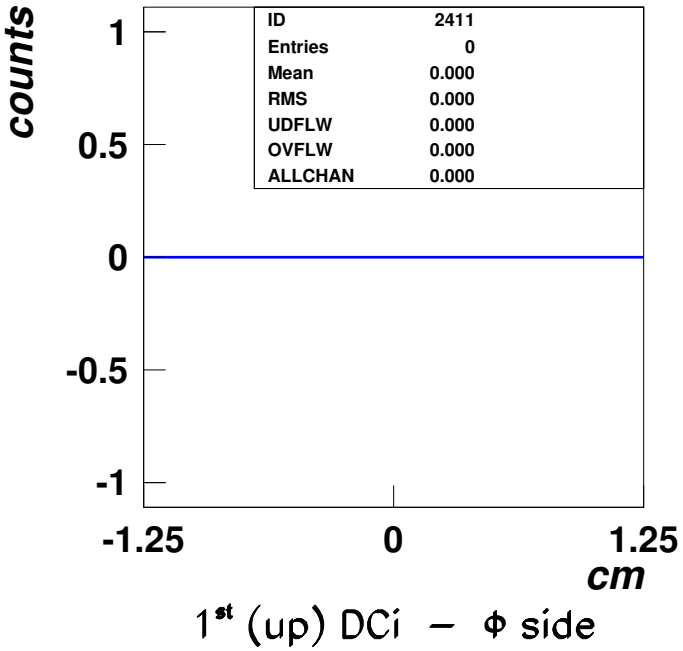



$2^{nd}$ (down) DCo – X side

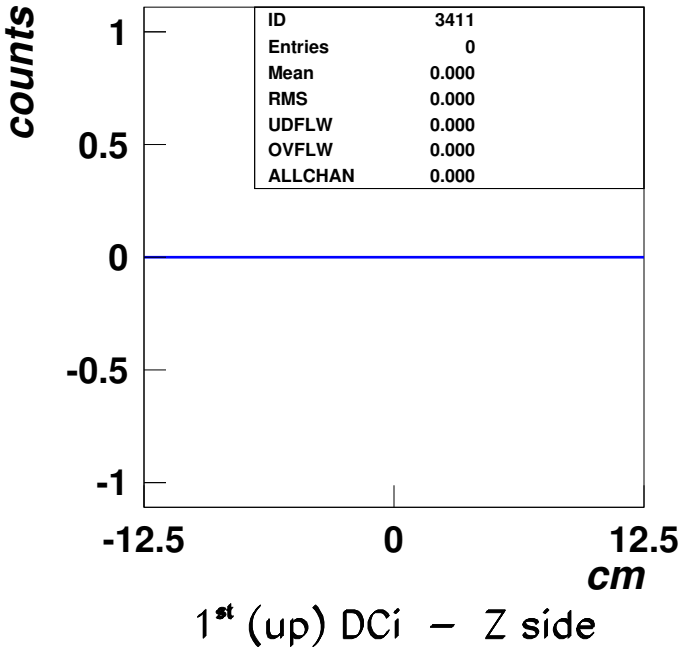



$2^{nd}$ (down) DCo – Y side

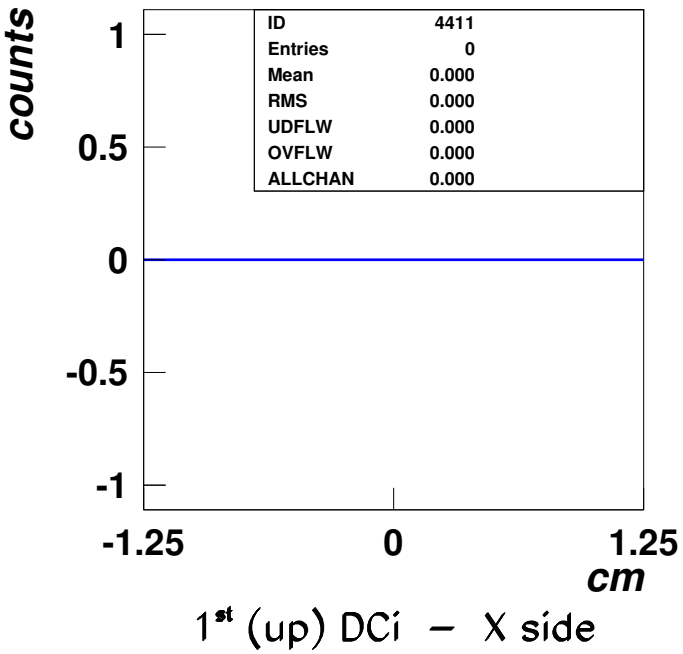
# *Residuals on Drift Ch. - module 4*



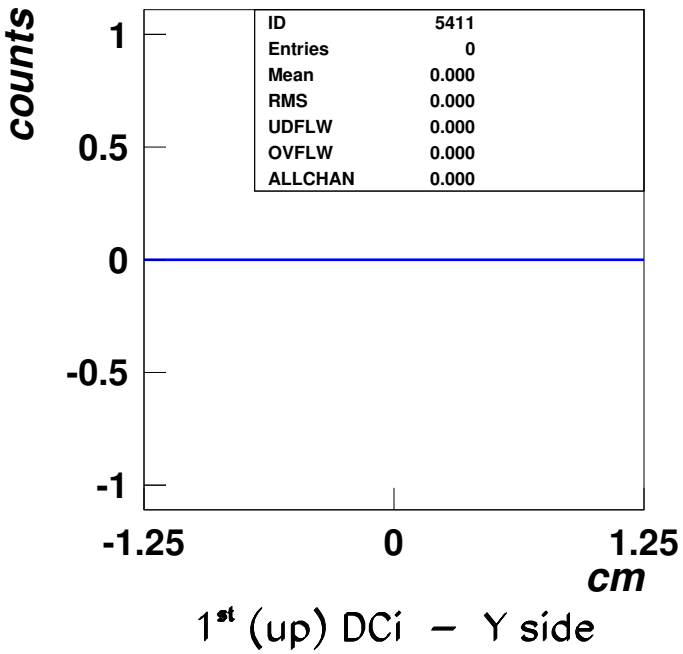

1st (up) DCi – Φ side




1st (up) DCi – Z side

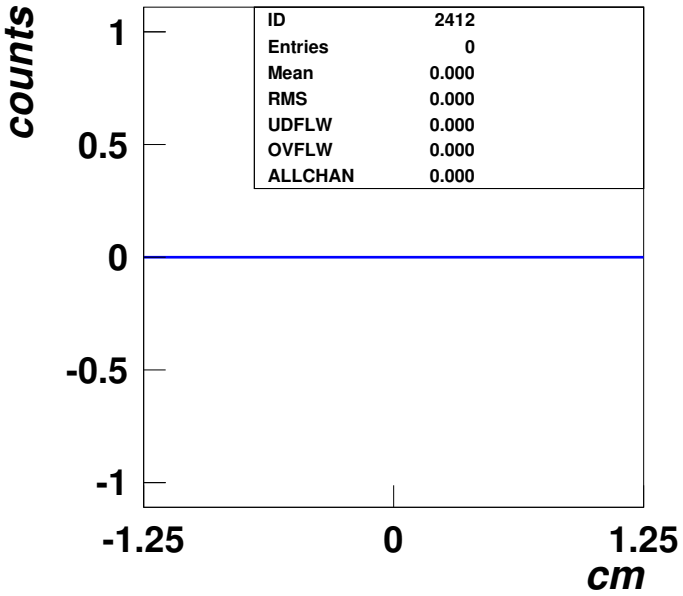



1st (up) DCi – X side

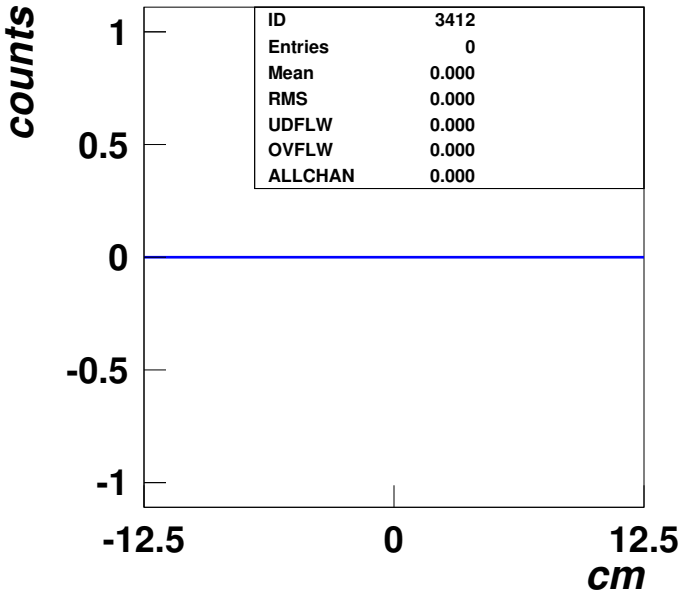



1st (up) DCi – Y side

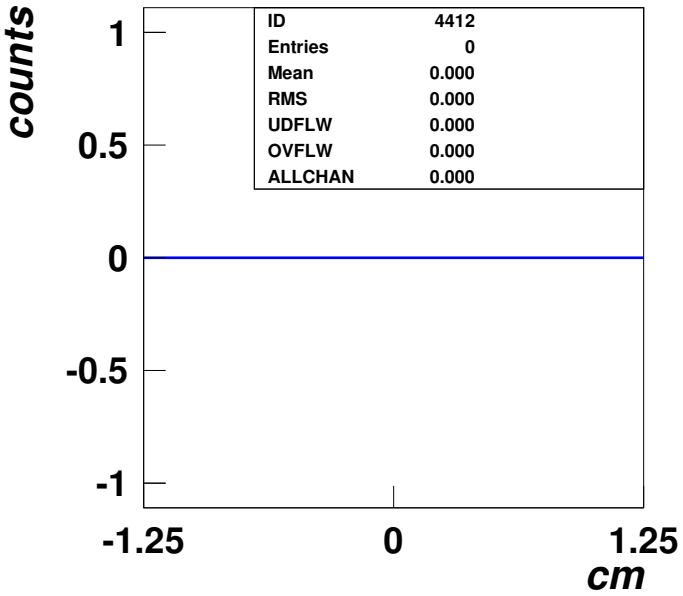
# *Residuals on Drift Ch. - module 4*



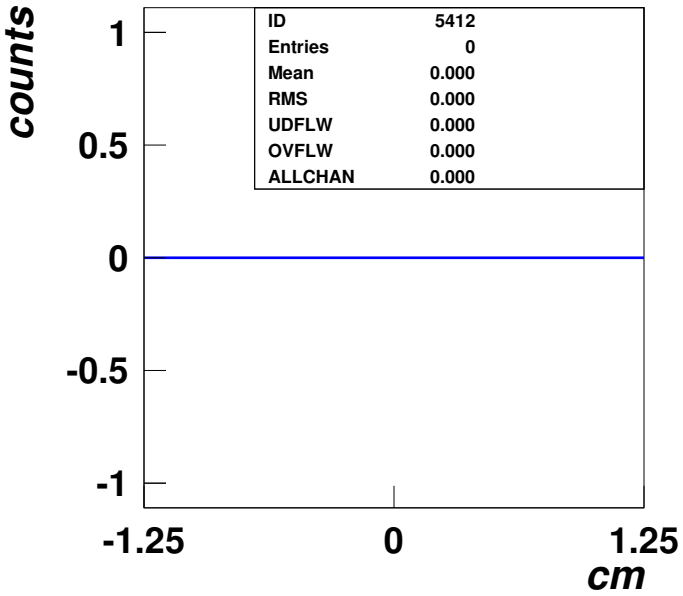

$2^{nd}$ (down) DCi – Φ side




$2^{nd}$ (down) DCi – Z side

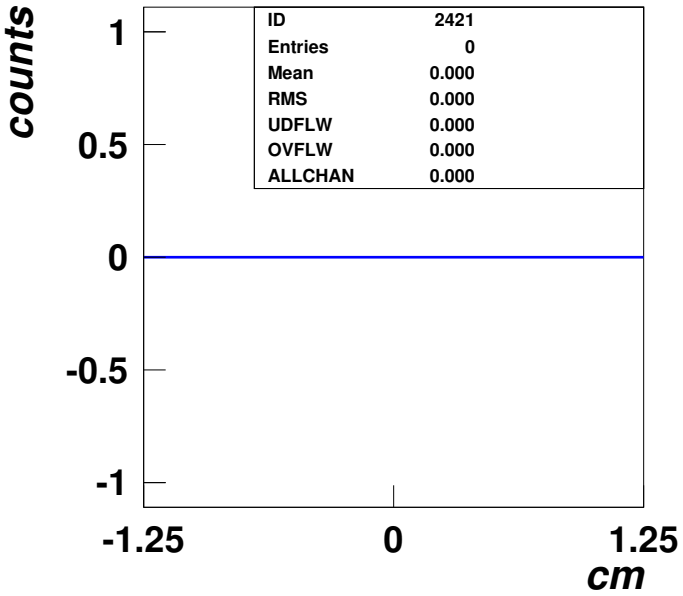



$2^{nd}$ (down) DCi – X side

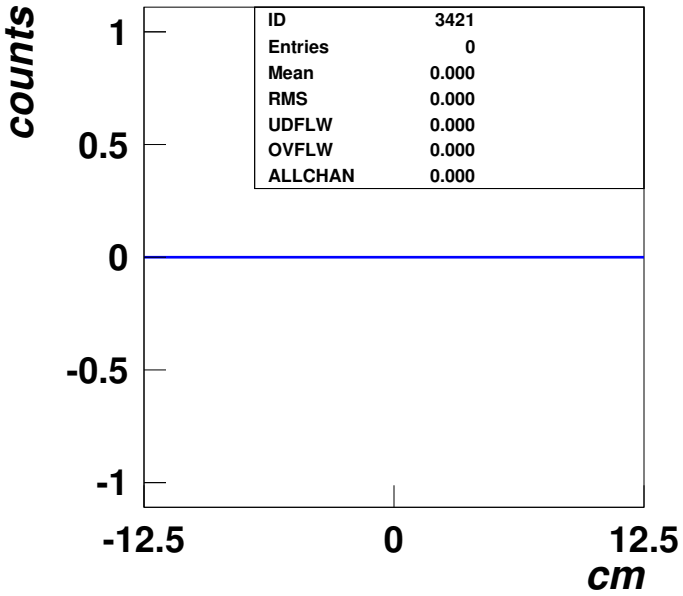



$2^{nd}$ (down) DCi – Y side

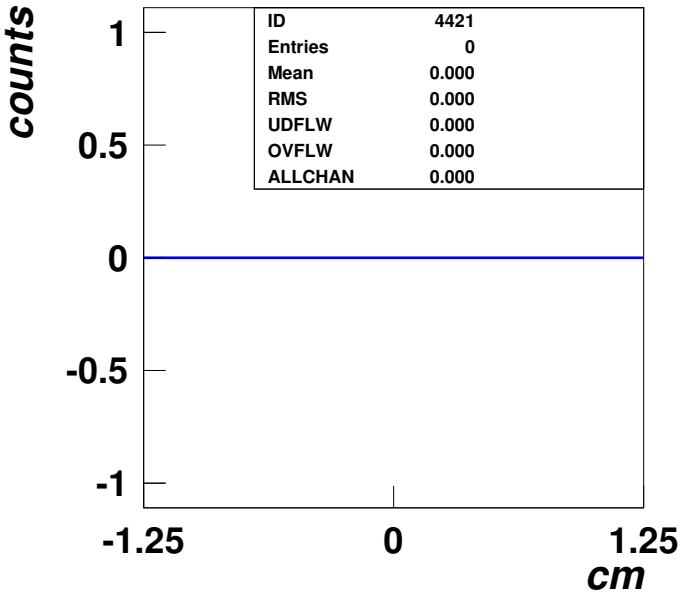
# *Residuals on Drift Ch. - module 4*



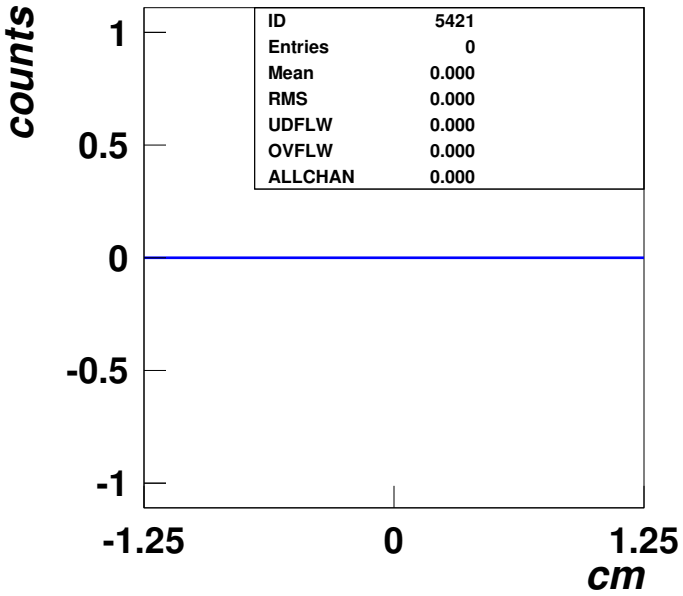

1st (up) DCo – Φ side




1st (up) DCo – Z side

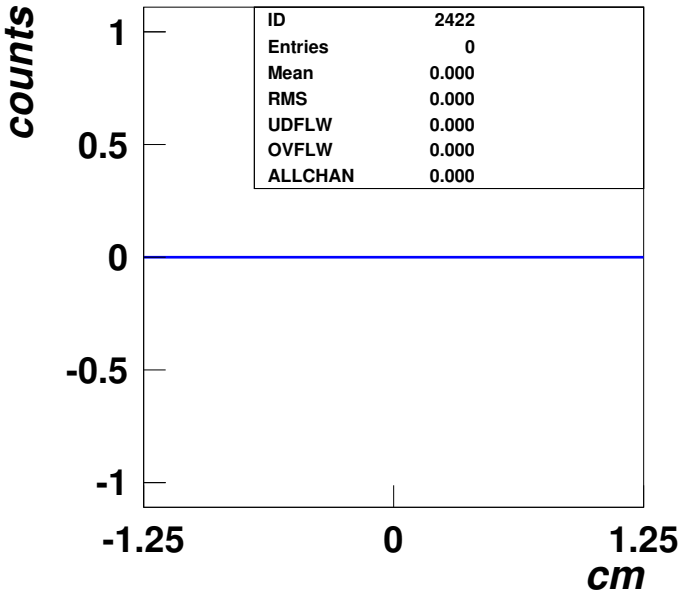



1st (up) DCo – X side

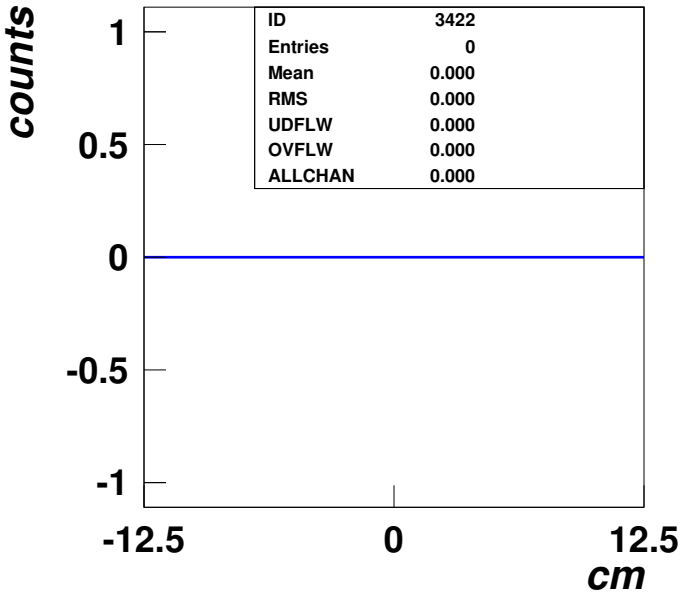



1st (up) DCo – Y side

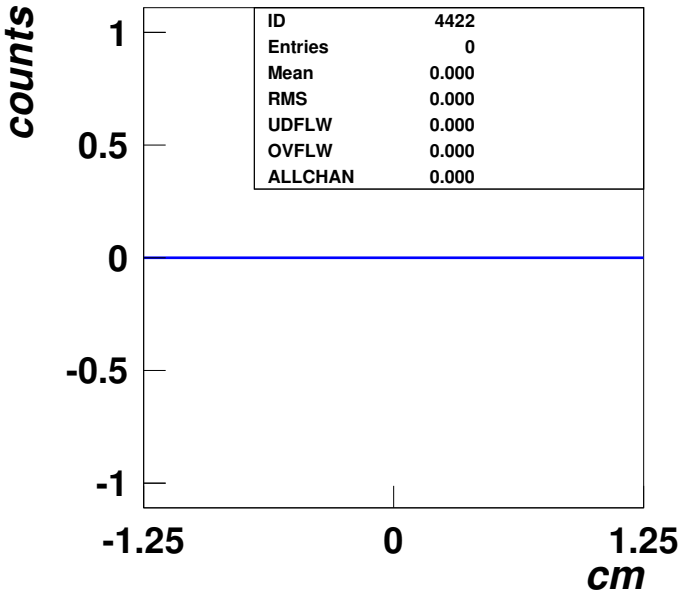
# *Residuals on Drift Ch. - module 4*



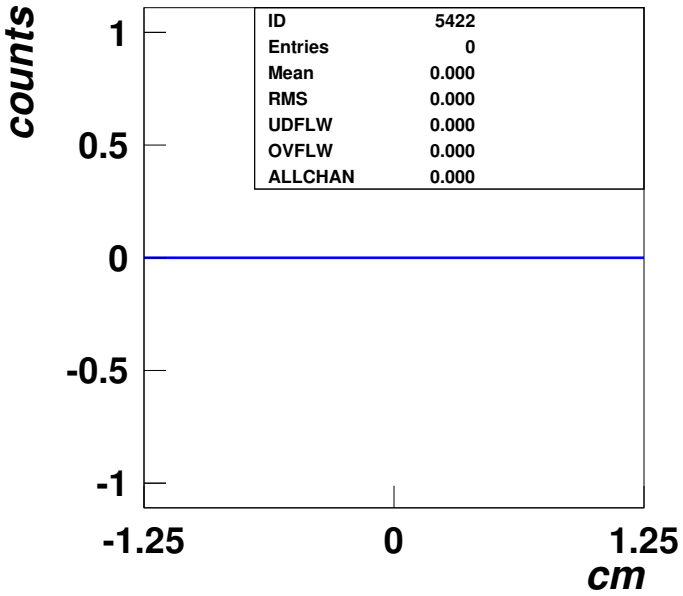

$2^{nd}$ (down) DCo – Φ side




$2^{nd}$ (down) DCo – Z side

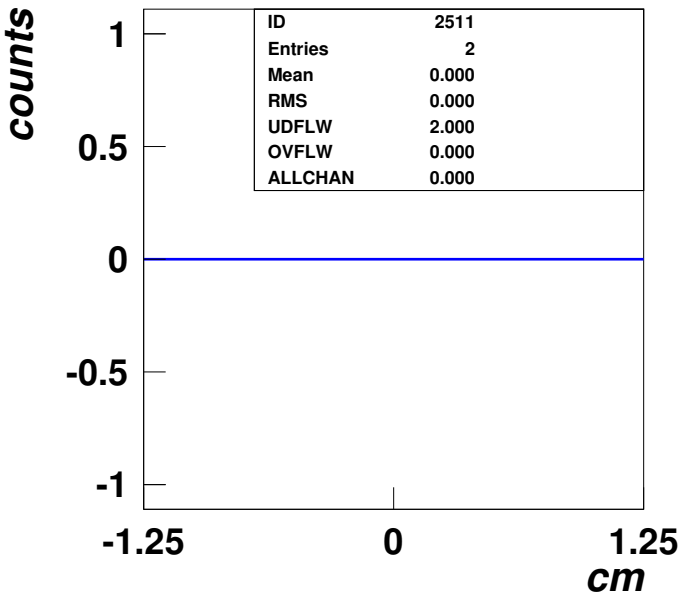



$2^{nd}$ (down) DCo – X side

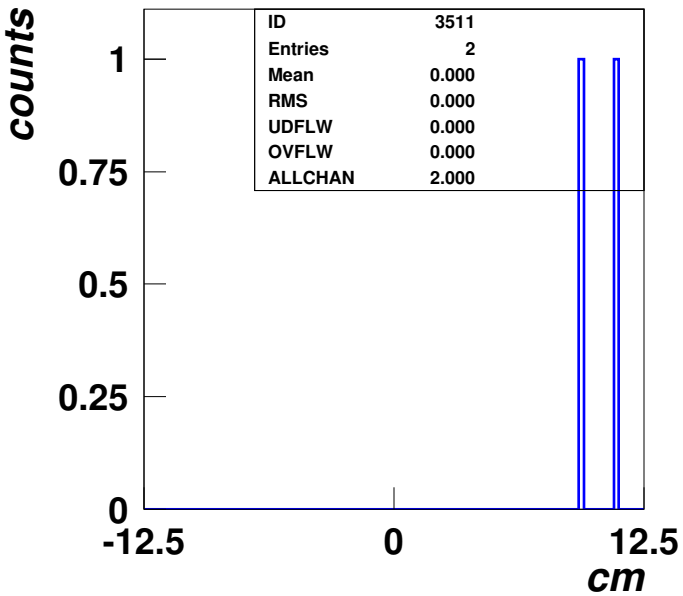



$2^{nd}$ (down) DCo – Y side

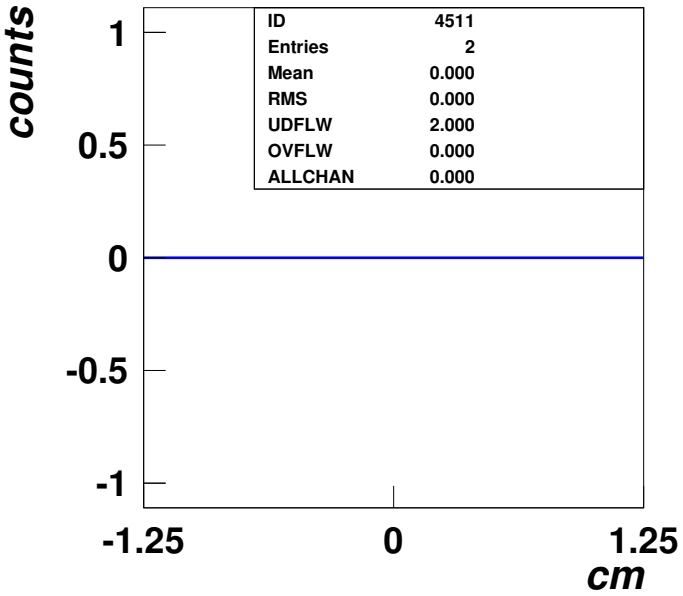
# *Residuals on Drift Ch. - module 5*



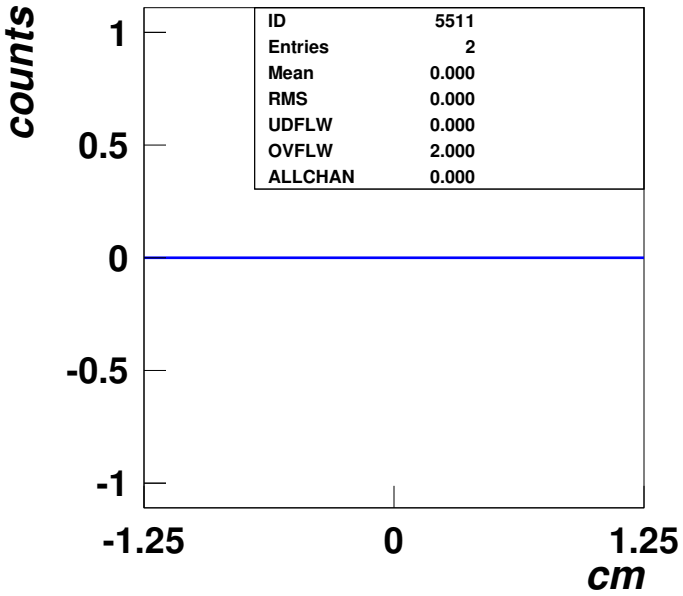

1st (up) DCi – Φ side




1st (up) DCi – Z side

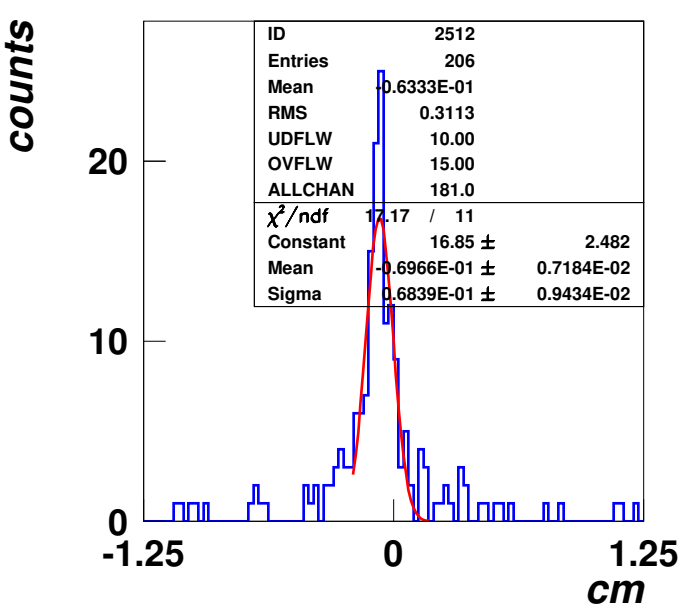



1st (up) DCi – X side

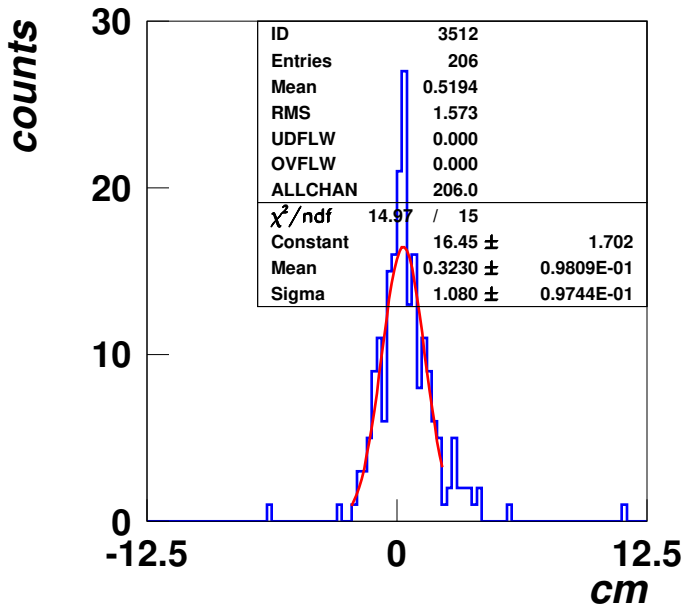



1st (up) DCi – Y side

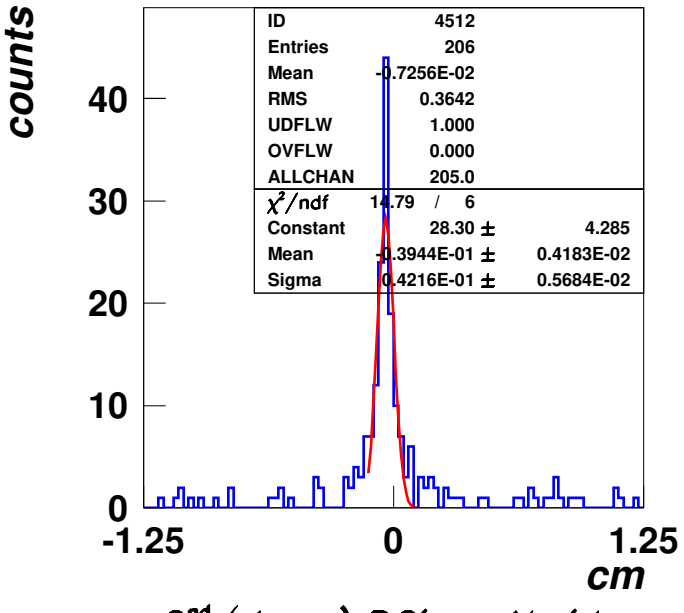
# *Residuals on Drift Ch. - module 5*



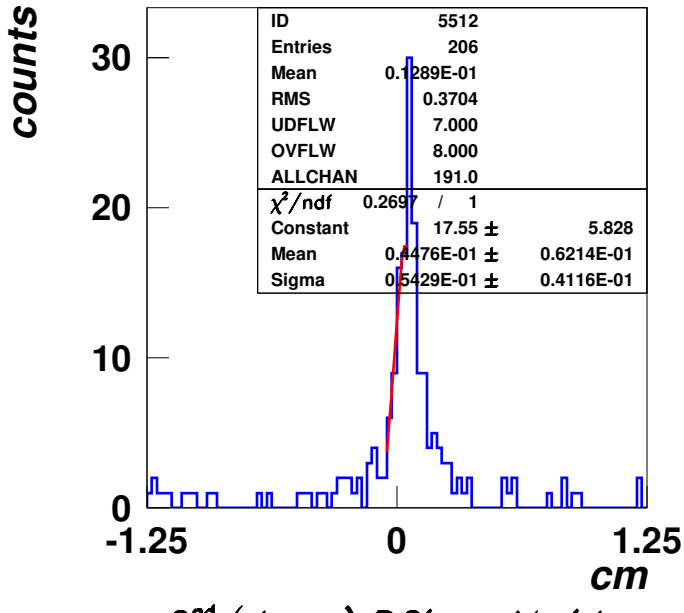

2nd (down) DCi – Φ side




2nd (down) DCi – Z side

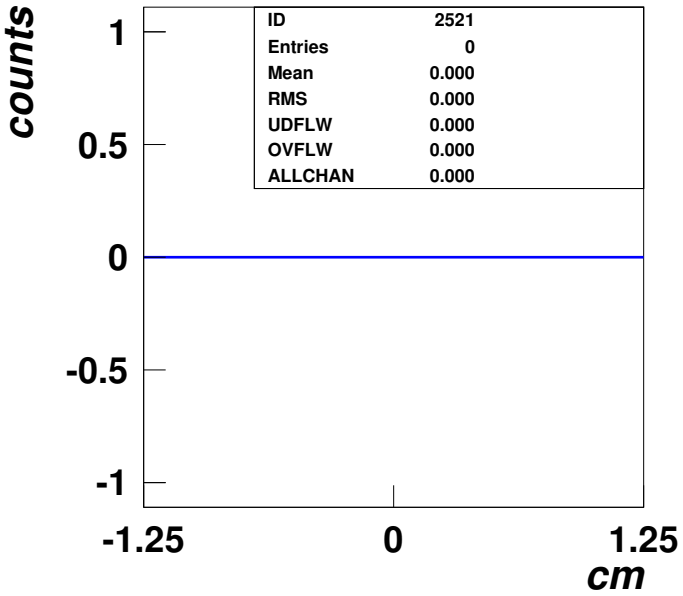



2nd (down) DCi – X side

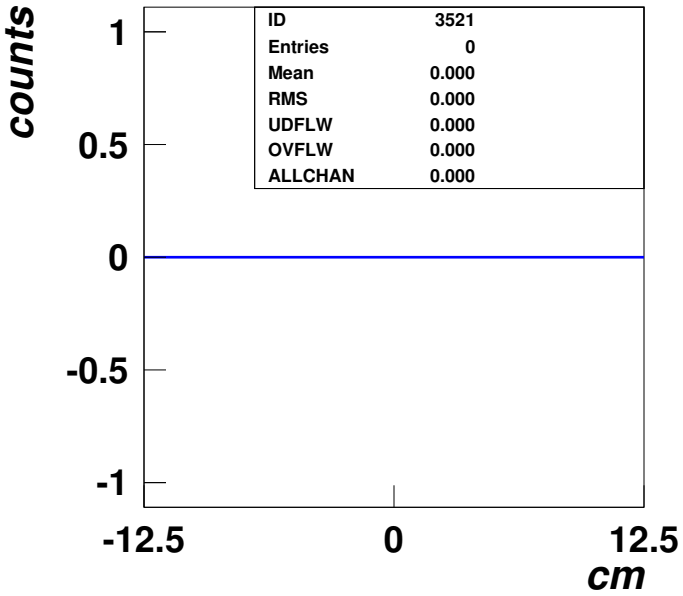



2nd (down) DCi – Y side

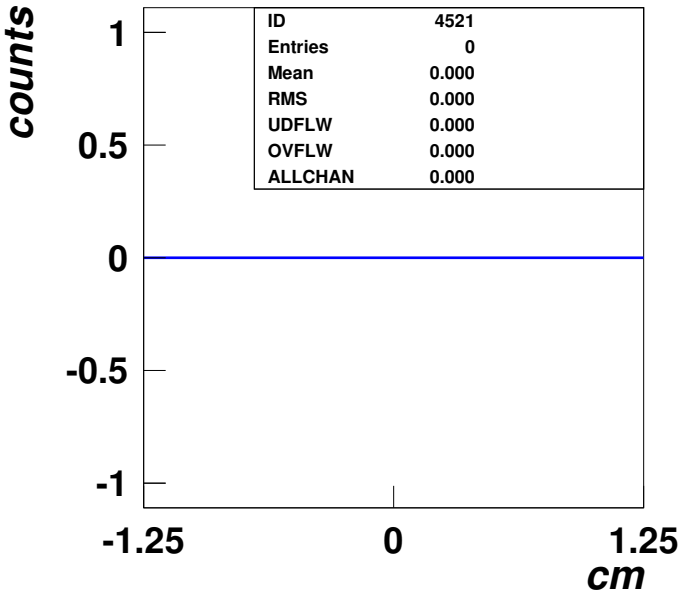
# *Residuals on Drift Ch. - module 5*



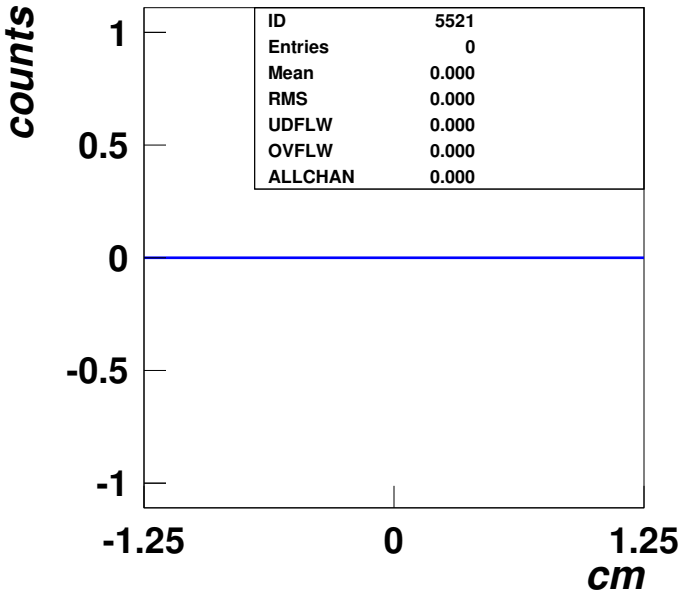

1st (up) DCo – Φ side




1st (up) DCo – Z side

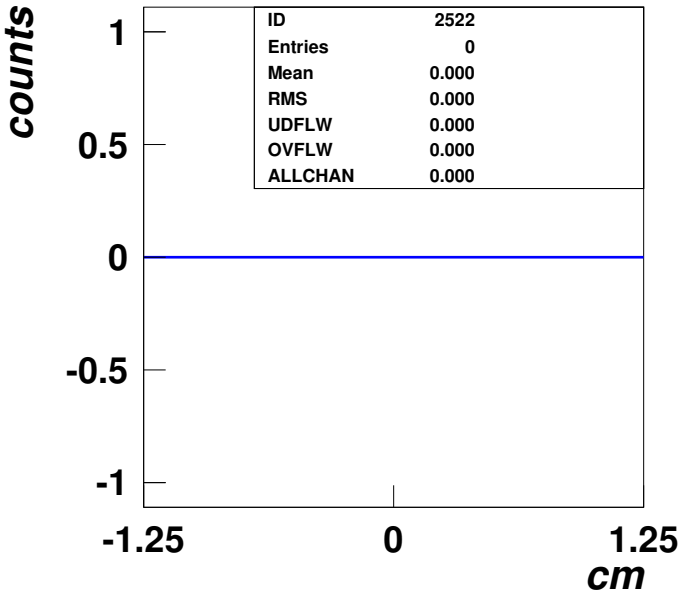



1st (up) DCo – X side

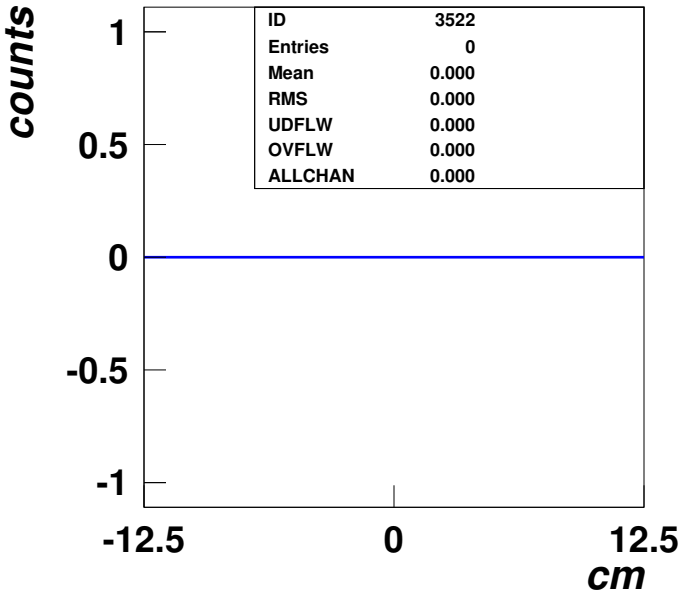



1st (up) DCo – Y side

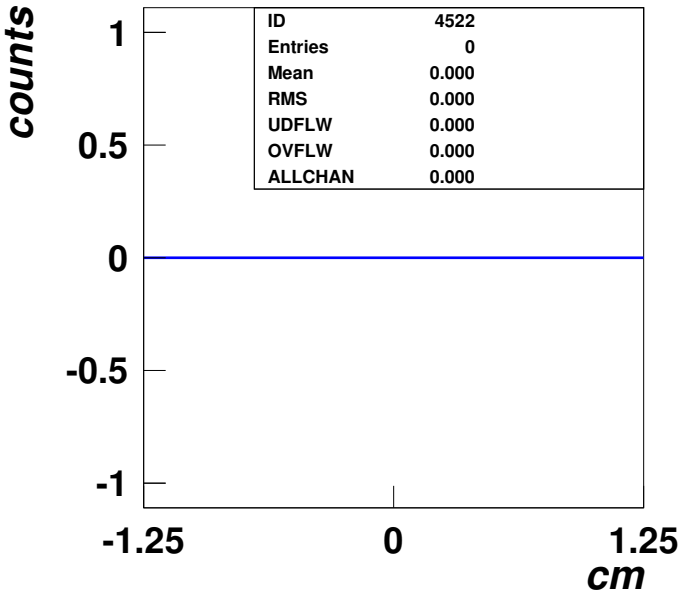
# *Residuals on Drift Ch. - module 5*



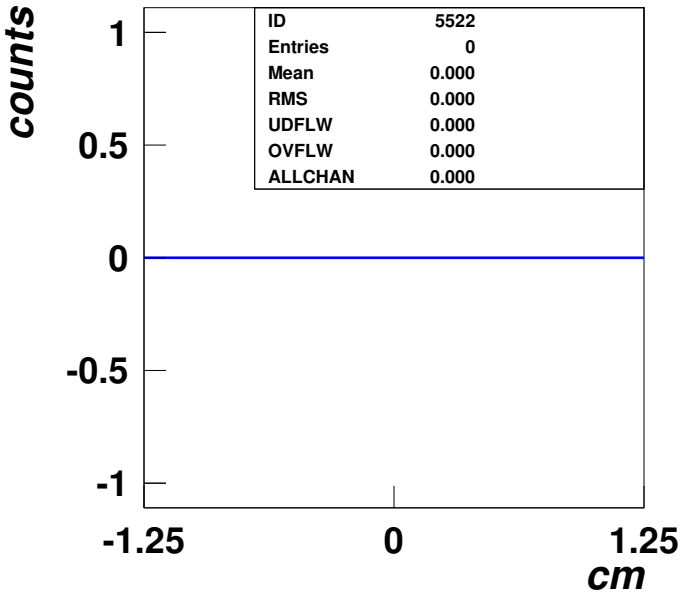

$2^{nd}$ (down) DCo – Φ side




$2^{nd}$ (down) DCo – Z side

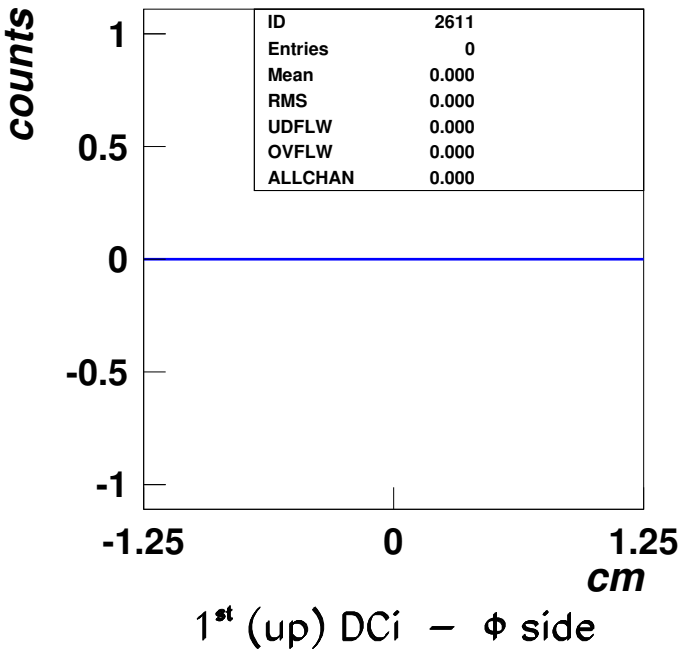



$2^{nd}$ (down) DCo – X side

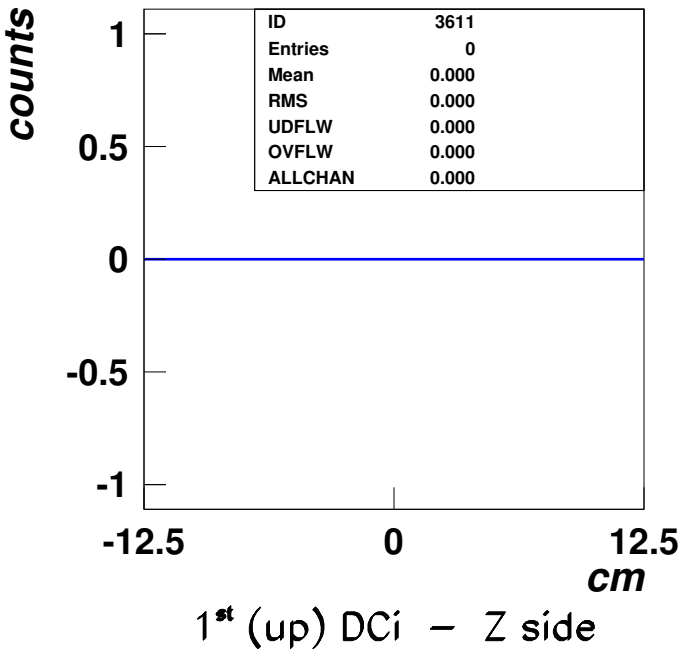



$2^{nd}$ (down) DCo – Y side

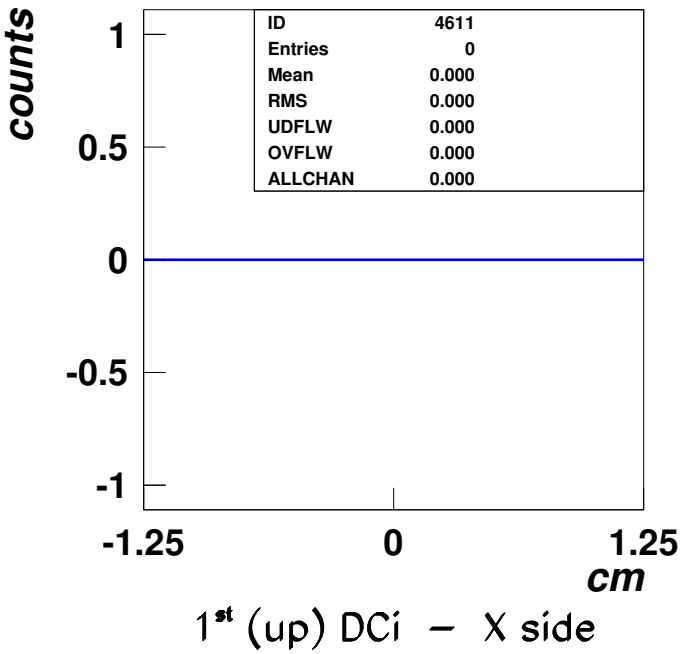
# *Residuals on Drift Ch. - module 6*



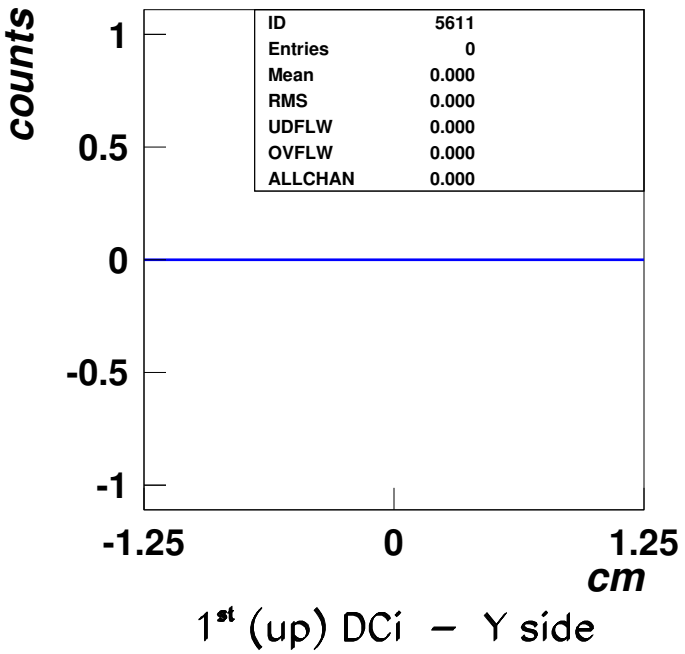

1st (up) DCi – Φ side




1st (up) DCi – Z side

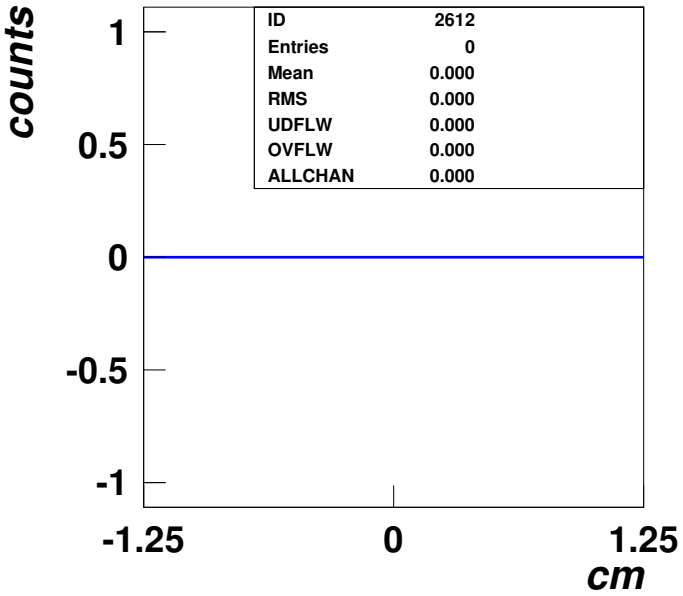



1st (up) DCi – X side

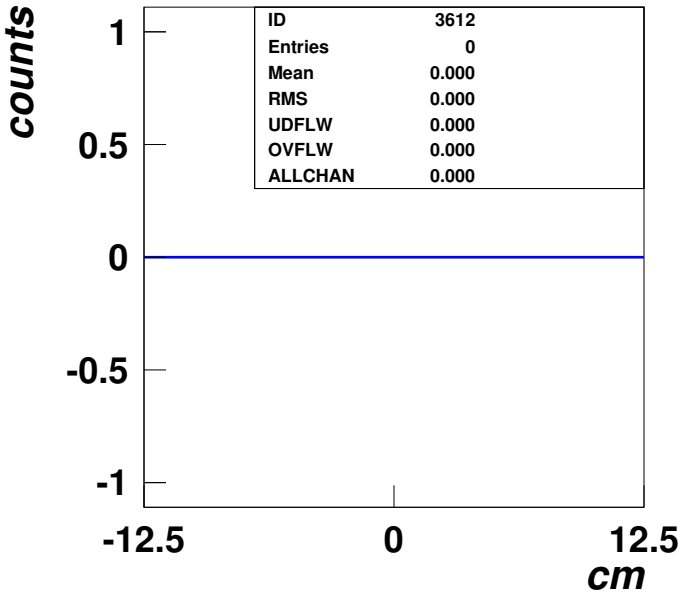



1st (up) DCi – Y side

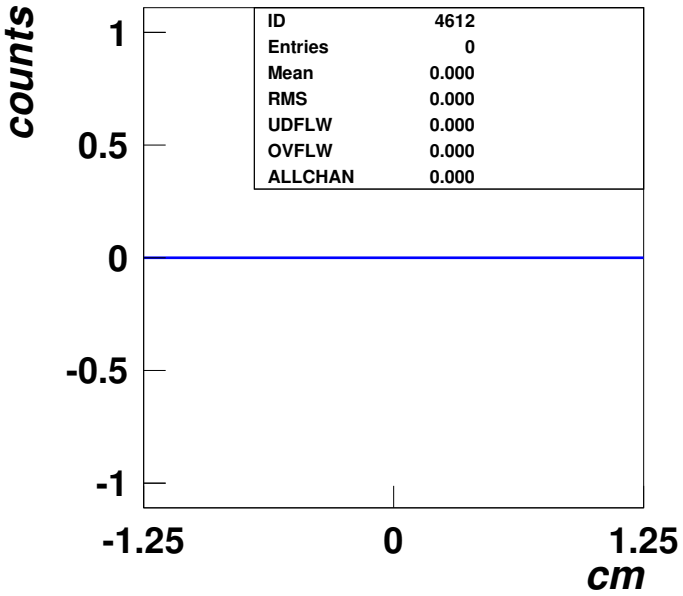
# *Residuals on Drift Ch. - module 6*



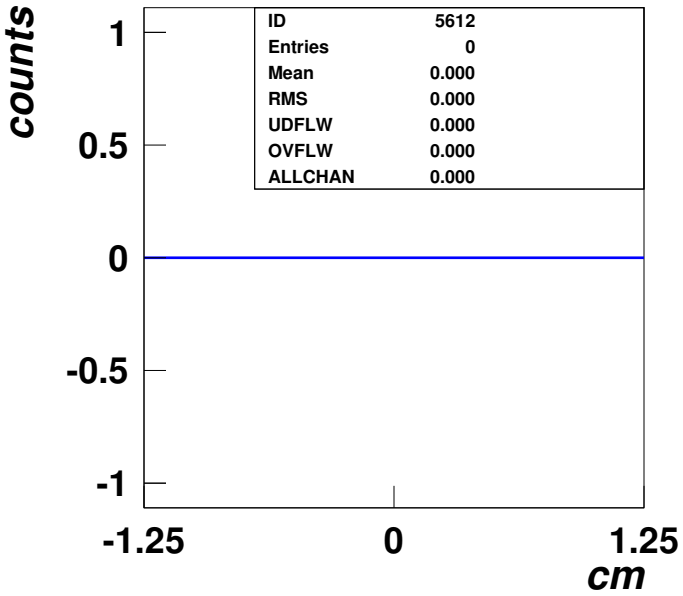

$2^{nd}$ (down) DCi – Φ side




$2^{nd}$ (down) DCi – Z side

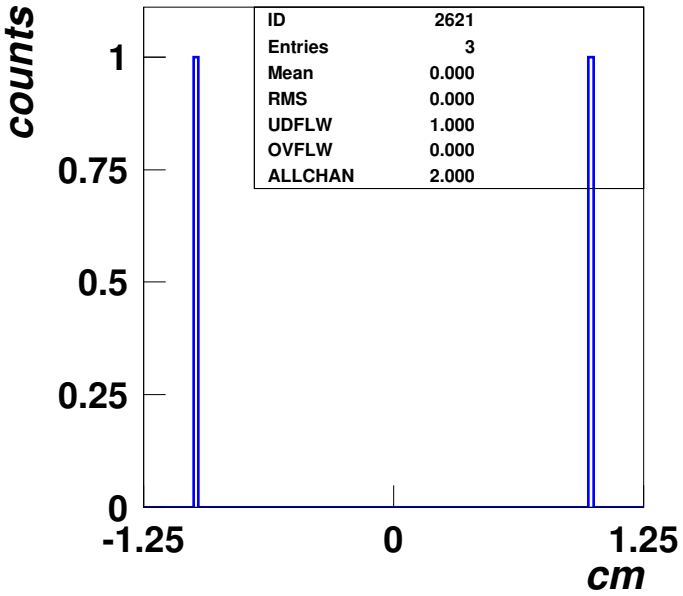



$2^{nd}$ (down) DCi – X side

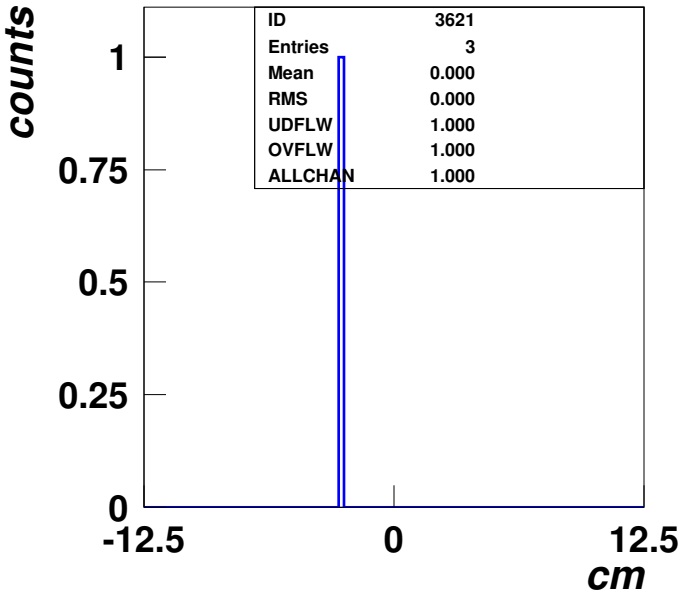



$2^{nd}$ (down) DCi – Y side

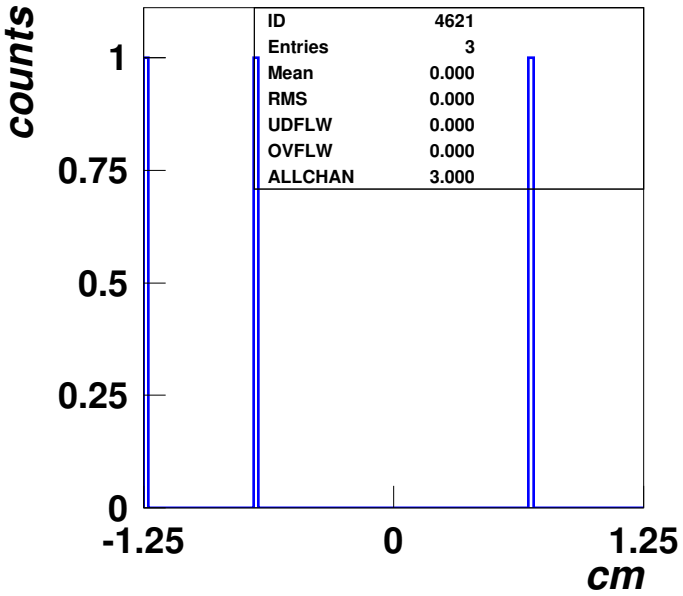
# *Residuals on Drift Ch. - module 6*



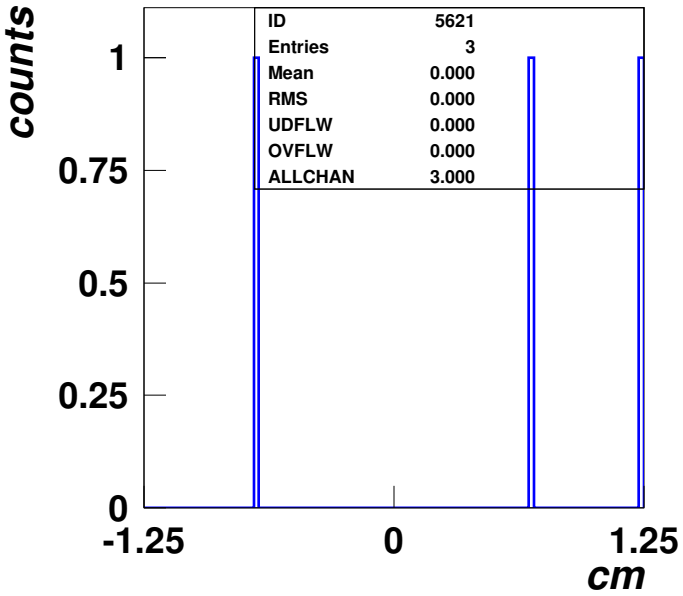

1st (up) DCo – Φ side




1st (up) DCo – Z side

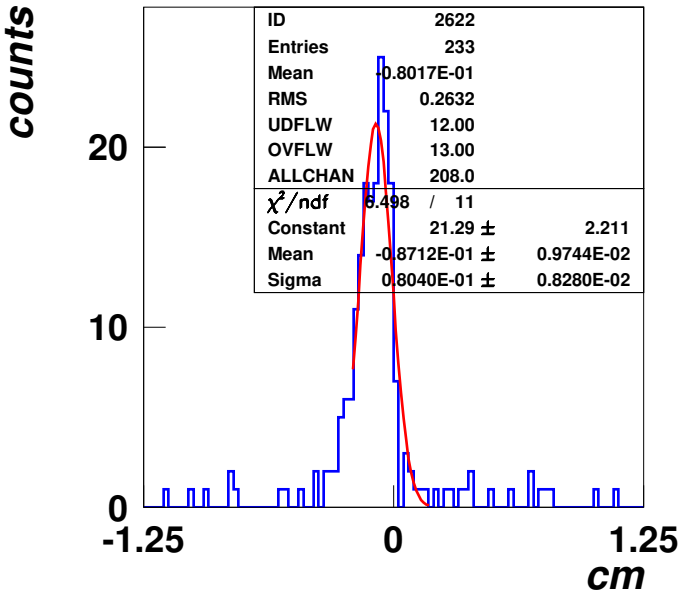



1st (up) DCo – X side

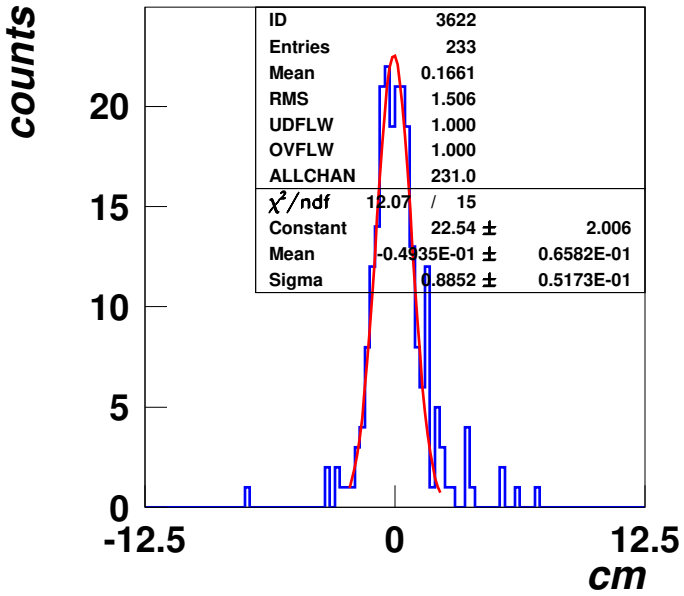



1st (up) DCo – Y side

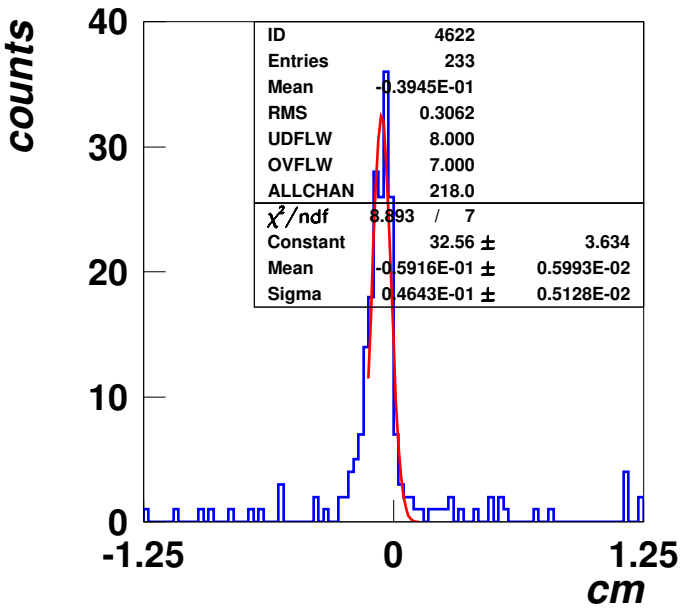
# *Residuals on Drift Ch. - module 6*



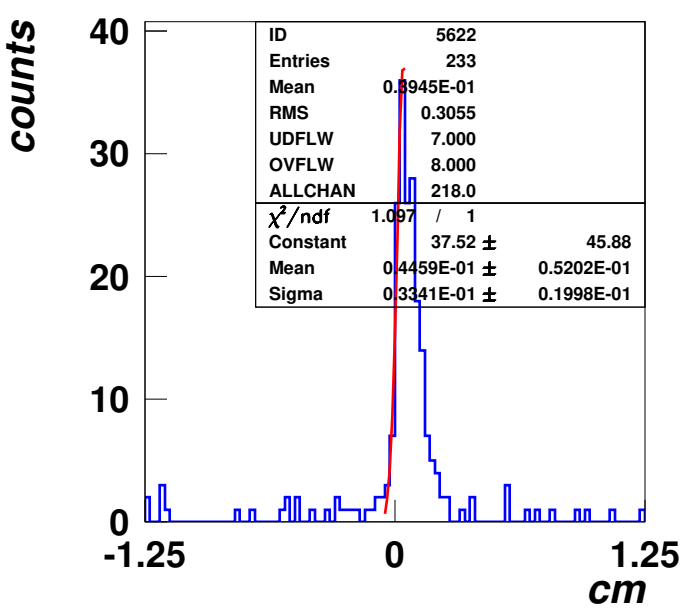

2nd (down) DCo – Φ side




2nd (down) DCo – Z side

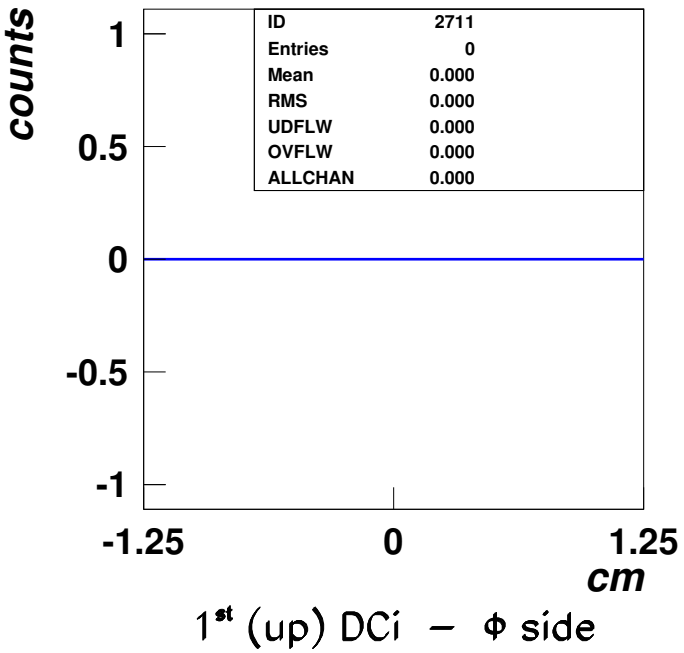



2nd (down) DCo – X side

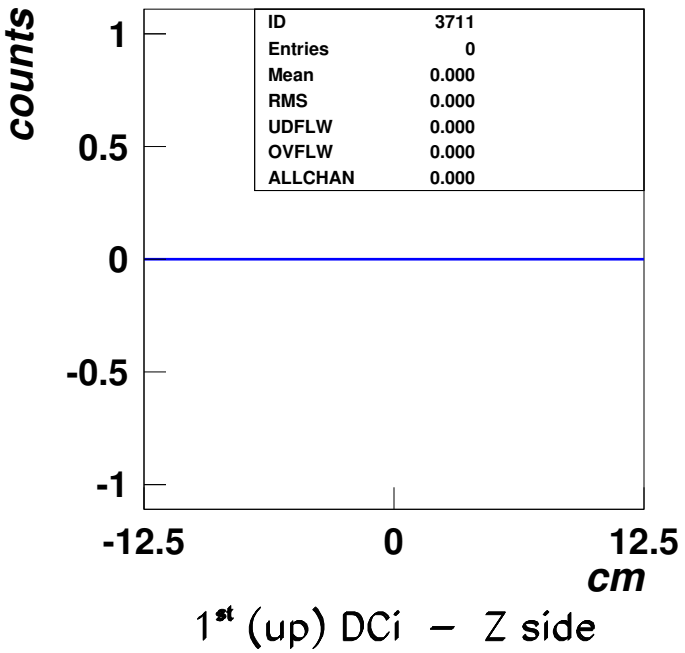



2nd (down) DCo – Y side

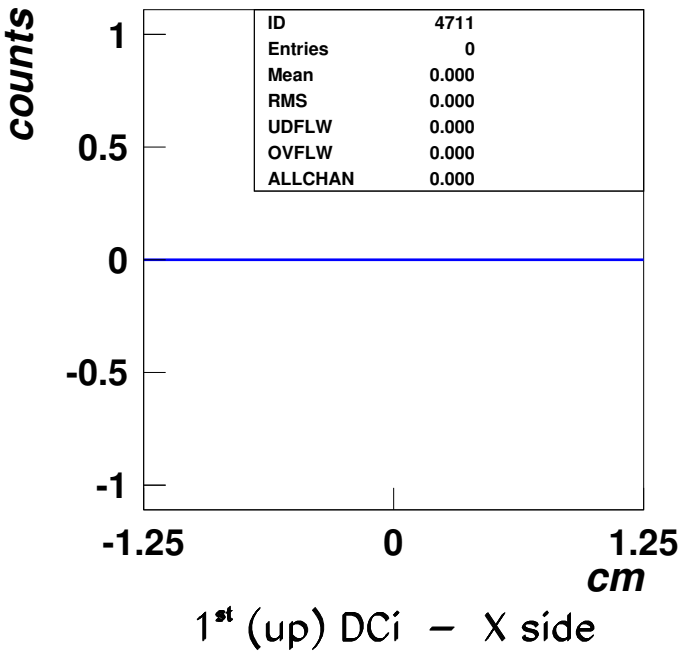
# *Residuals on Drift Ch. - module 7*



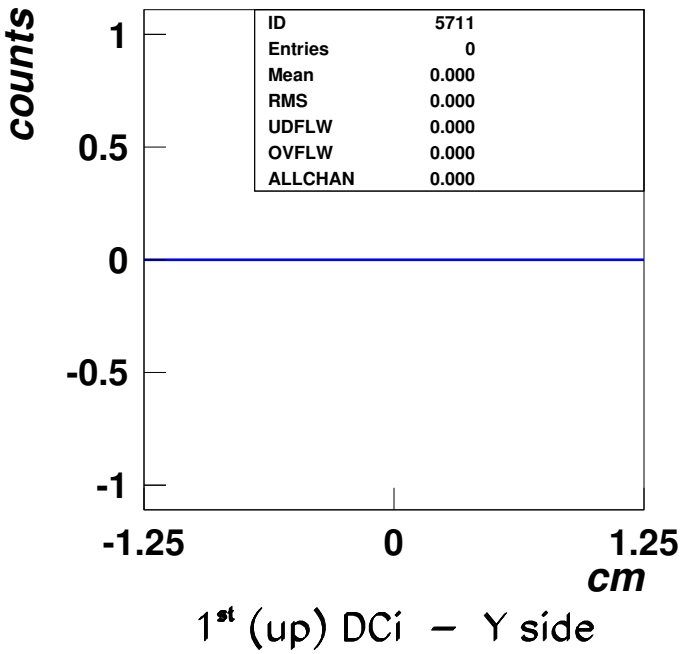

1st (up) DCi – Φ side




1st (up) DCi – Z side

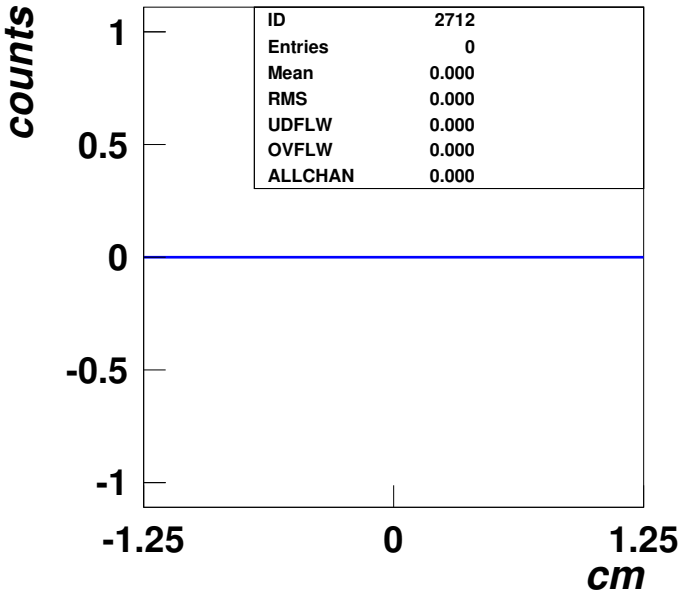



1st (up) DCi – X side

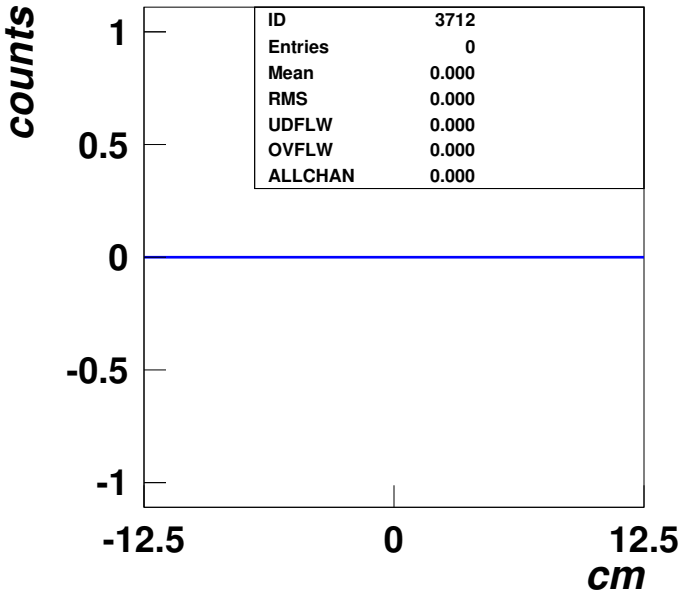



1st (up) DCi – Y side

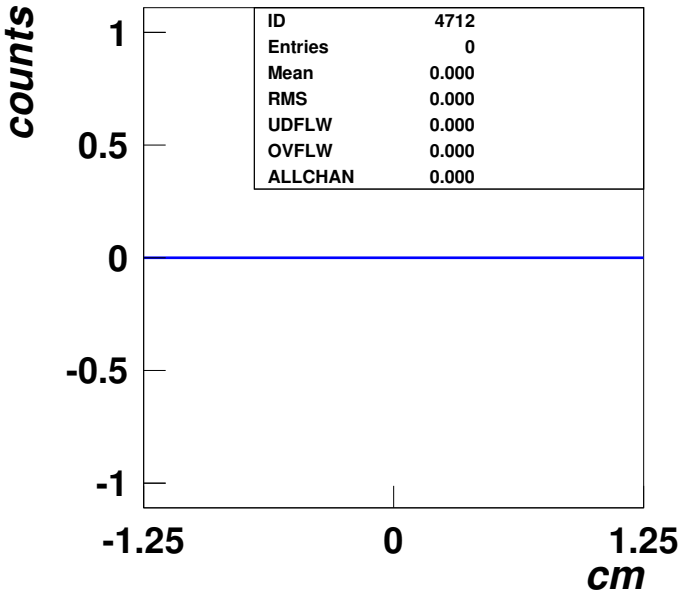
# *Residuals on Drift Ch. - module 7*



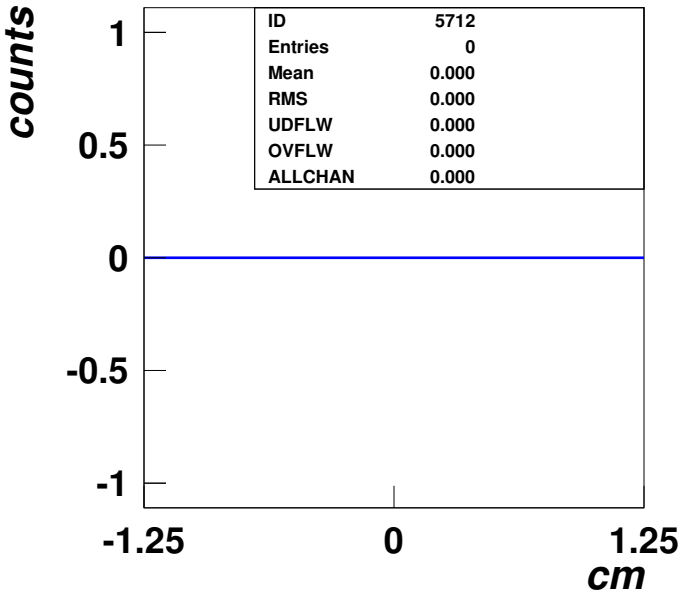

2nd (down) DCi – Φ side




2nd (down) DCi – Z side

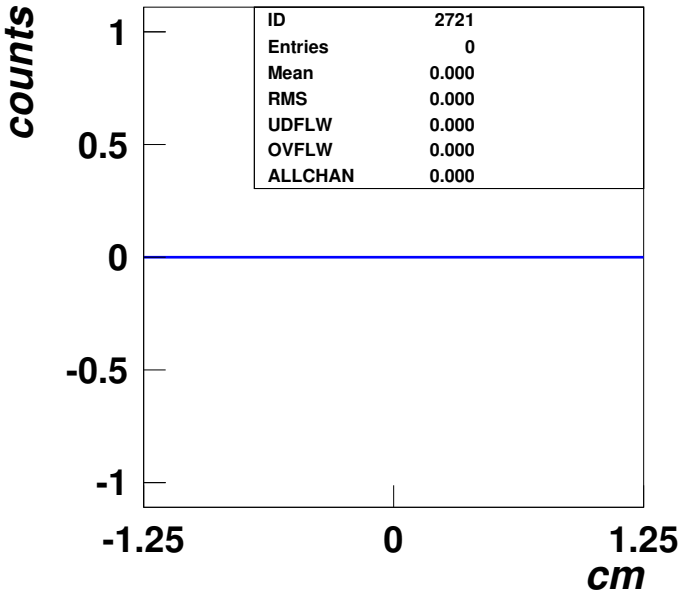



2nd (down) DCi – X side

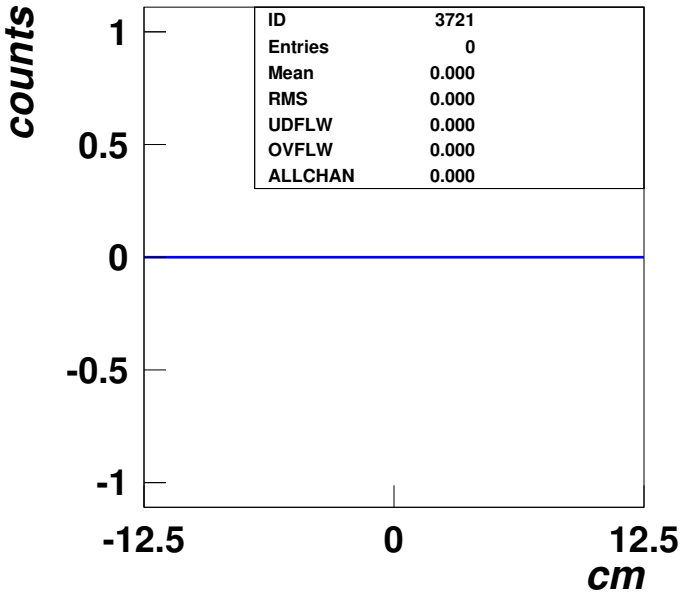



2nd (down) DCi – Y side

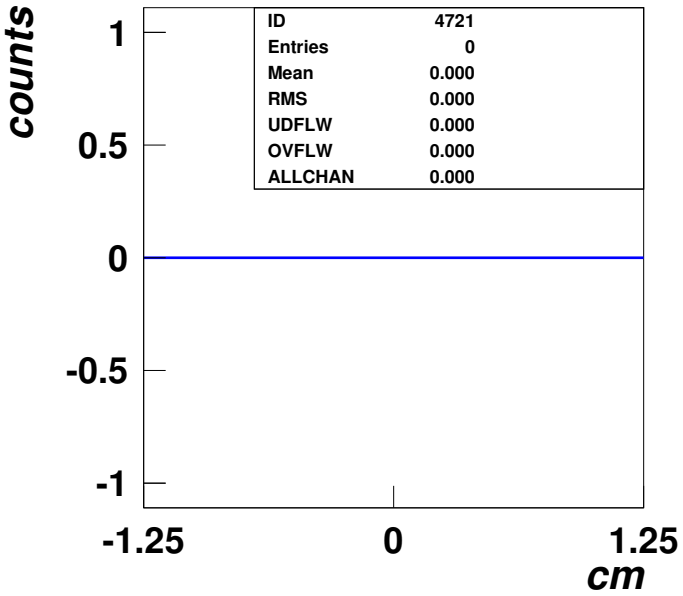
# *Residuals on Drift Ch. - module 7*



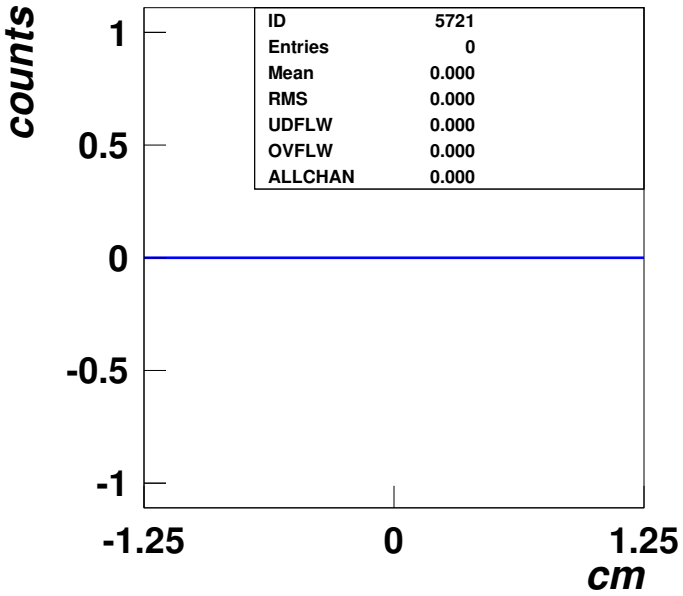

1st (up) DCo – Φ side




1st (up) DCo – Z side

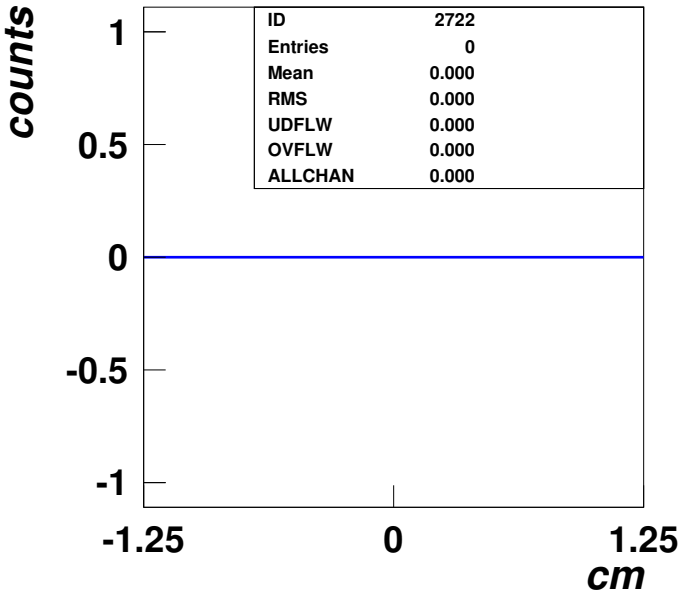



1st (up) DCo – X side

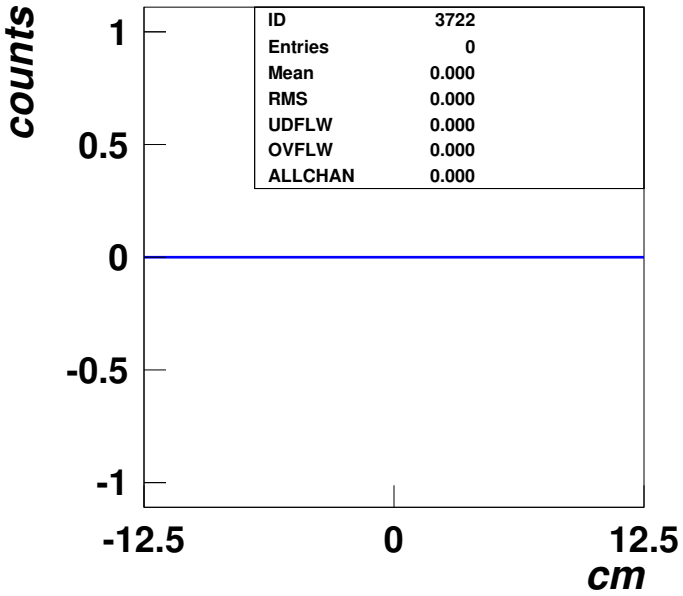



1st (up) DCo – Y side

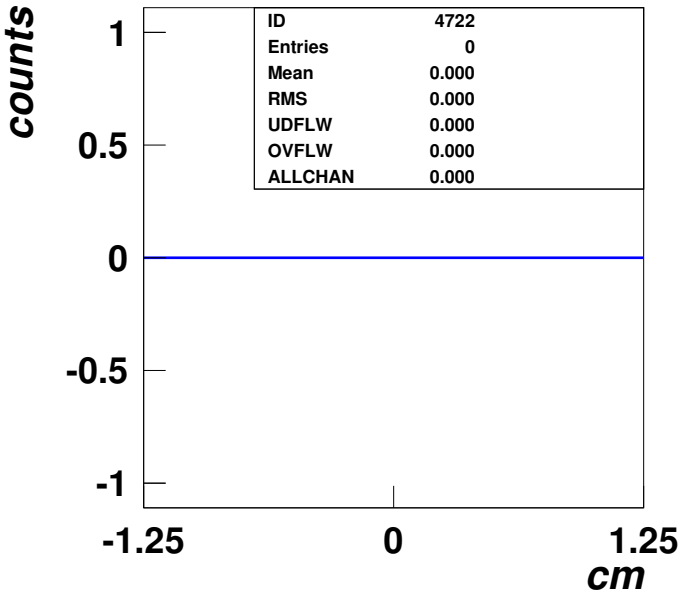
# *Residuals on Drift Ch. - module 7*



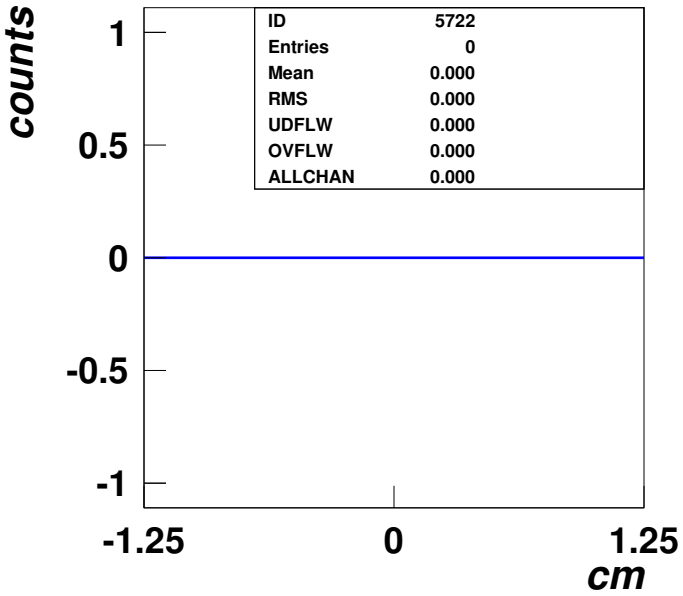

$2^{nd}$ (down) DCo – Φ side




$2^{nd}$ (down) DCo – Z side

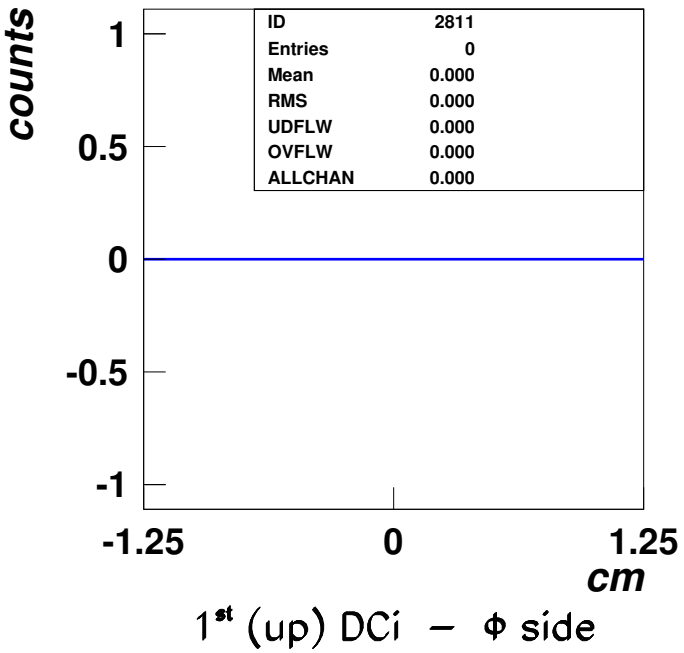



$2^{nd}$ (down) DCo – X side

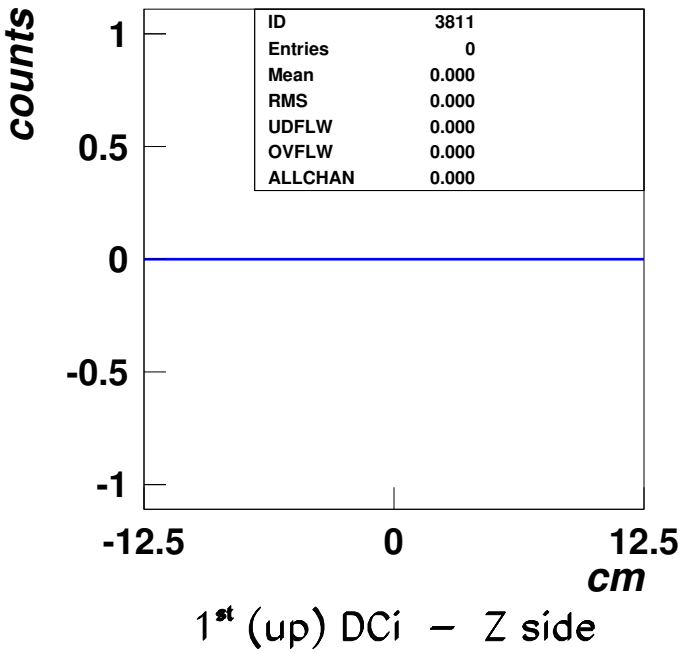



$2^{nd}$ (down) DCo – Y side

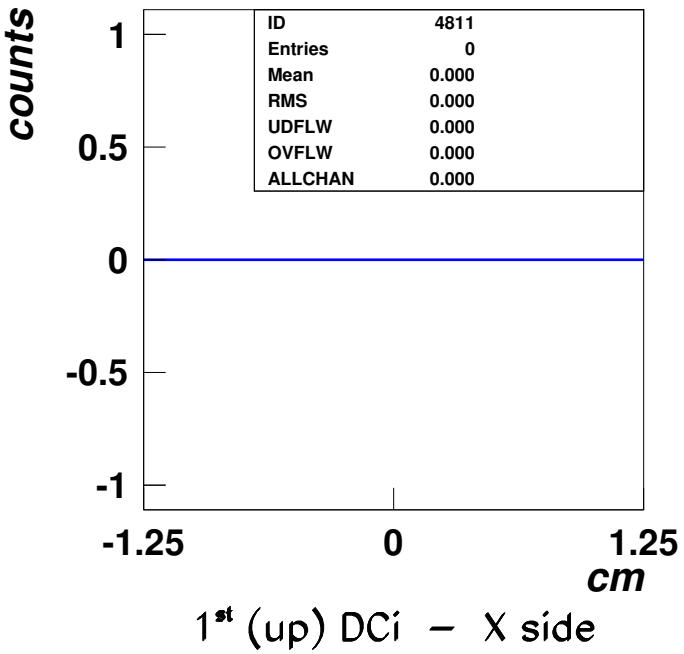
# *Residuals on Drift Ch. - module 8*



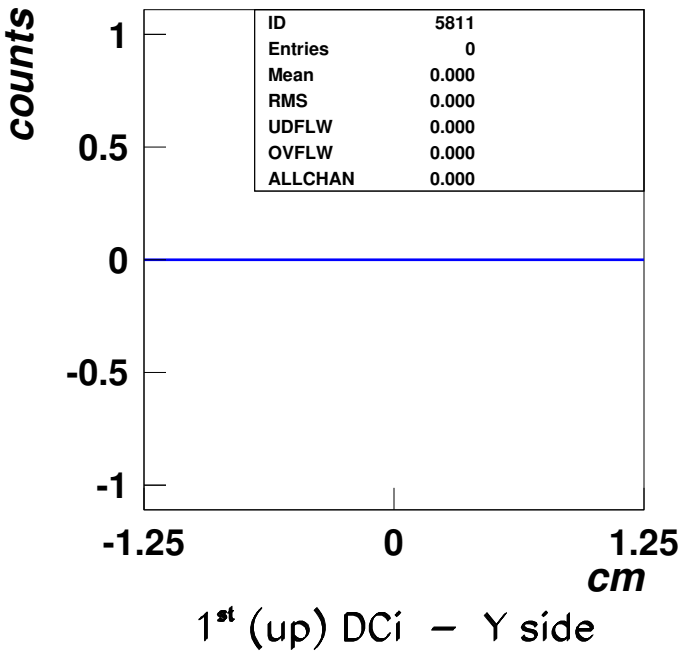

1st (up) DCi – Φ side




1st (up) DCi – Z side

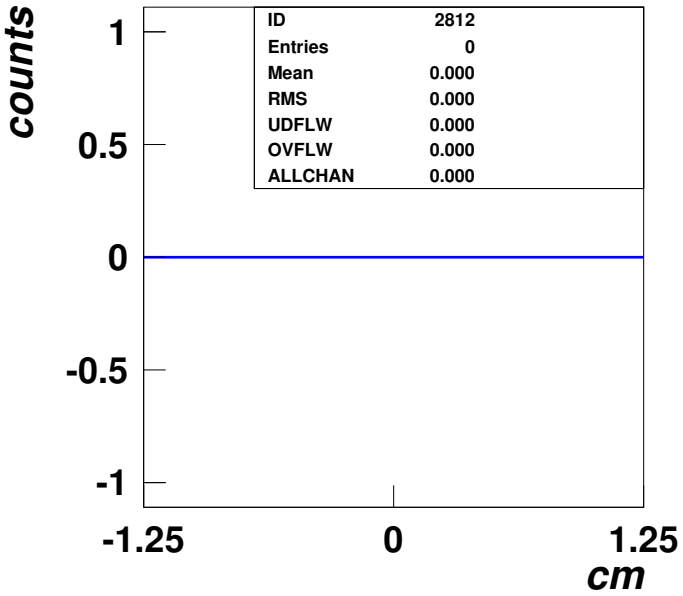



1st (up) DCi – X side

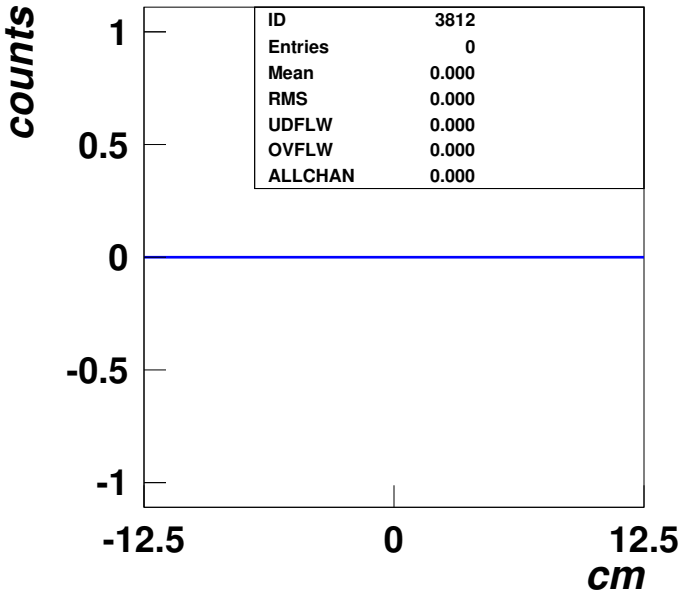



1st (up) DCi – Y side

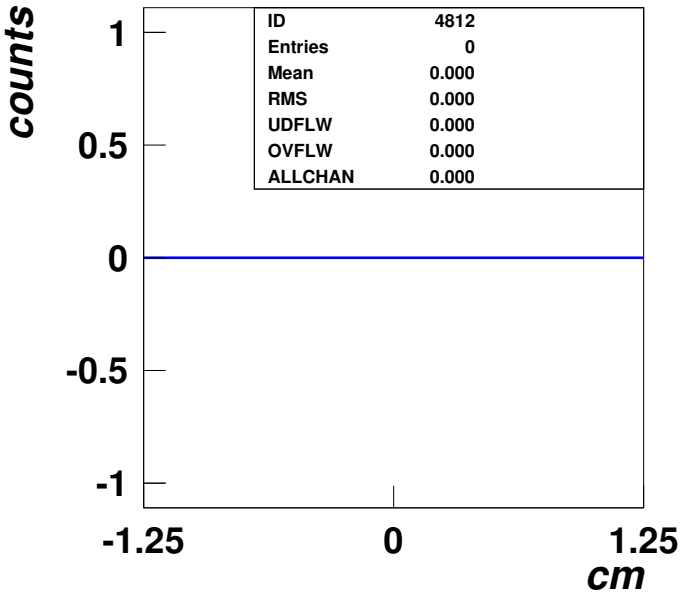
# *Residuals on Drift Ch. - module 8*



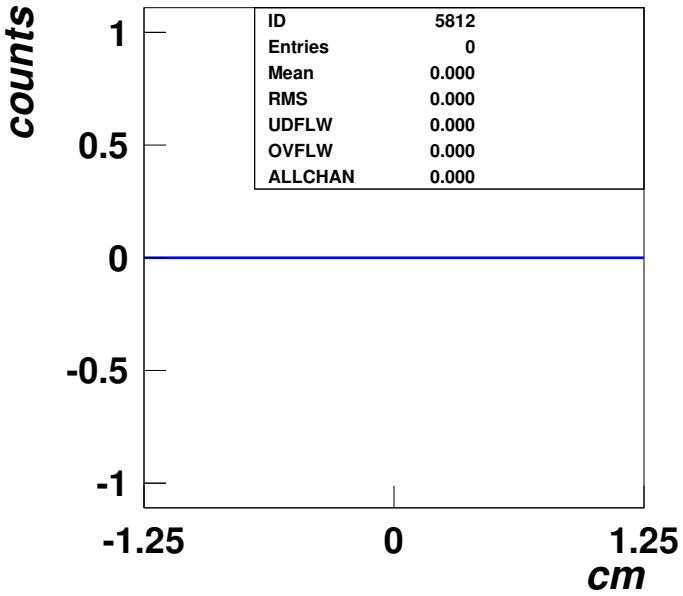

$2^{nd}$ (down) DCi – Φ side




$2^{nd}$ (down) DCi – Z side

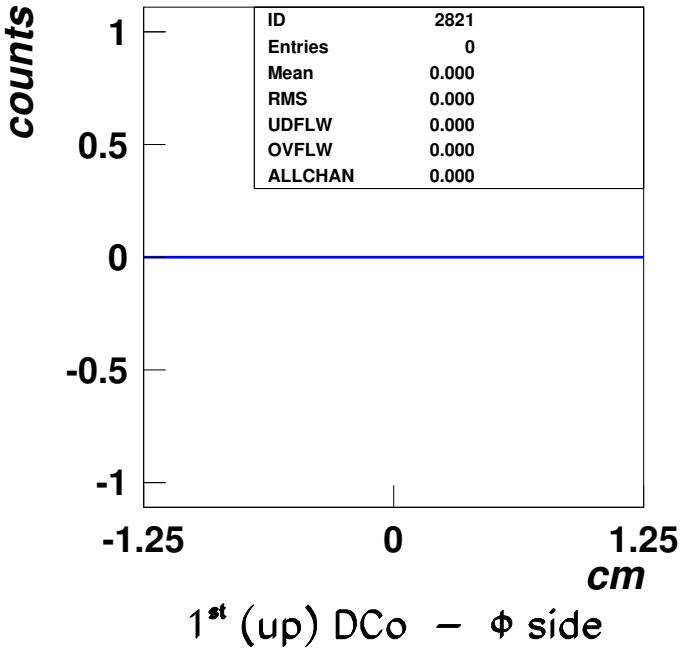



$2^{nd}$ (down) DCi – X side

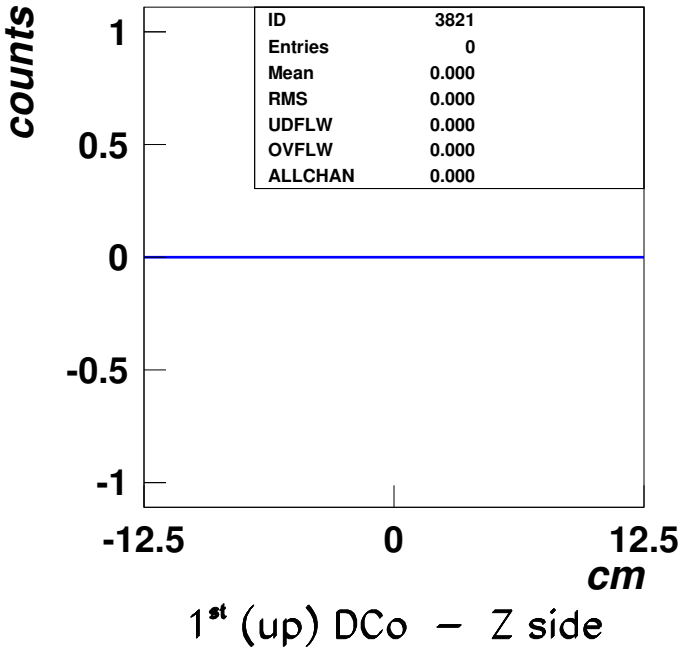



$2^{nd}$ (down) DCi – Y side

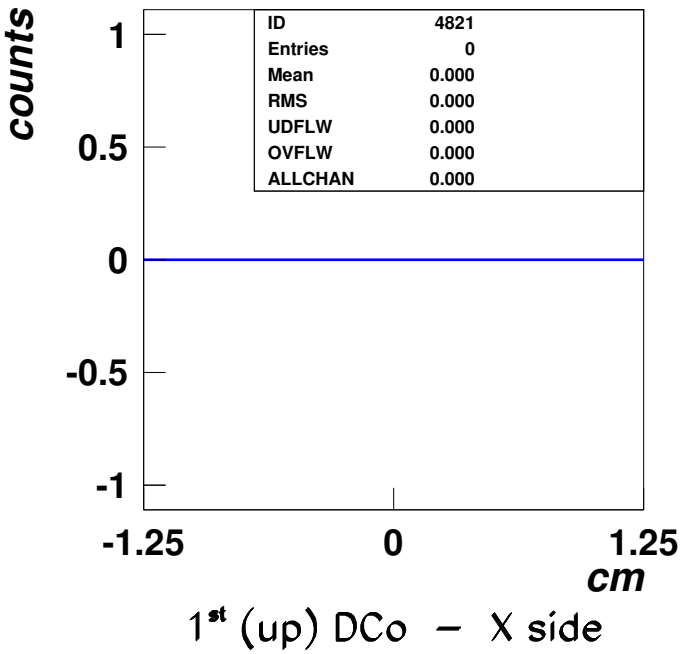
# *Residuals on Drift Ch. - module 8*



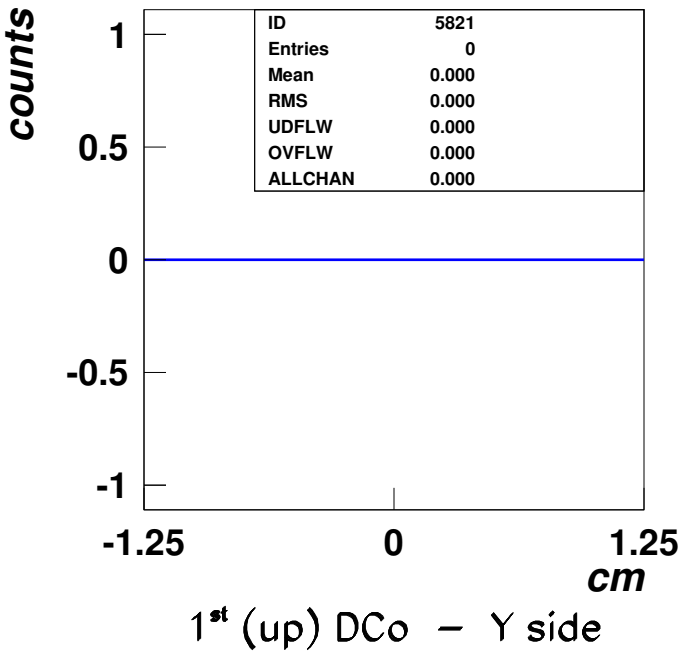

1st (up) DCo – Φ side




1st (up) DCo – Z side

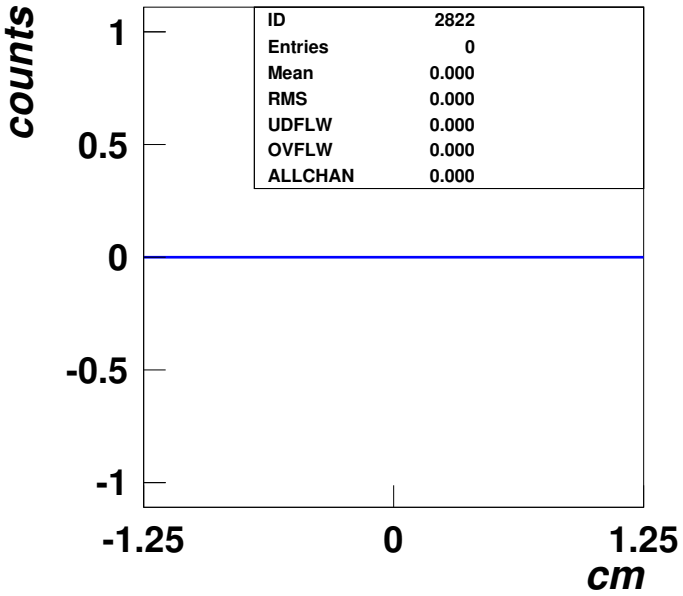



1st (up) DCo – X side

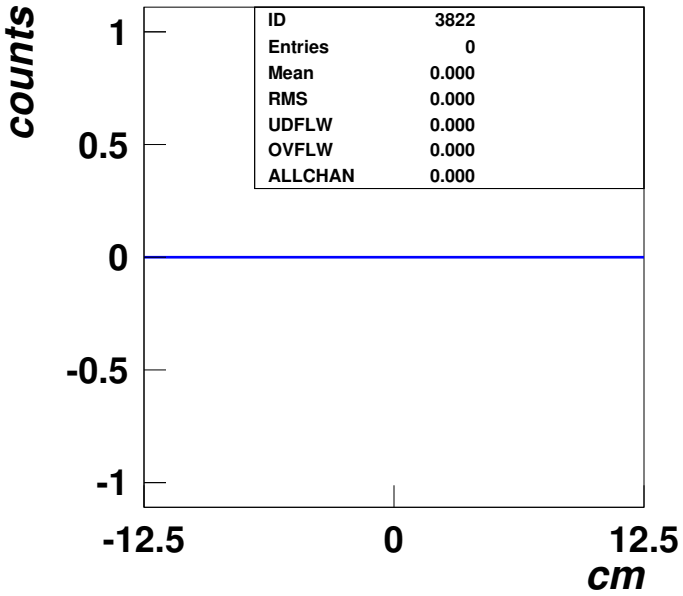



1st (up) DCo – Y side

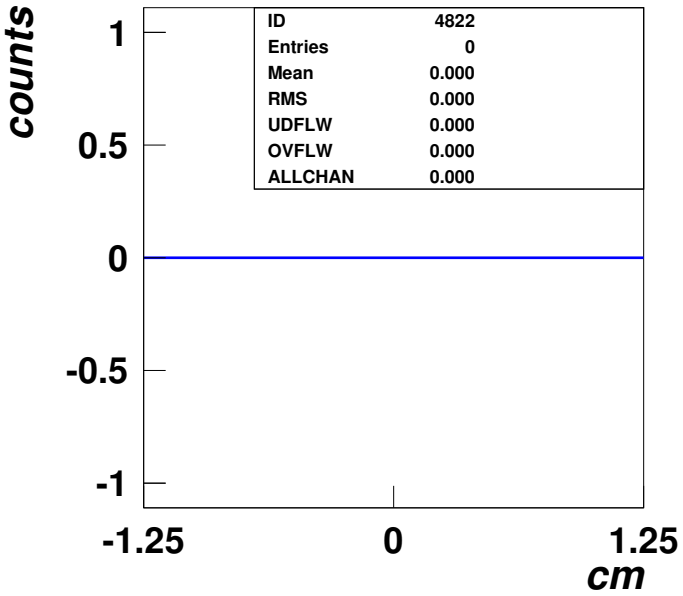
# *Residuals on Drift Ch. - module 8*



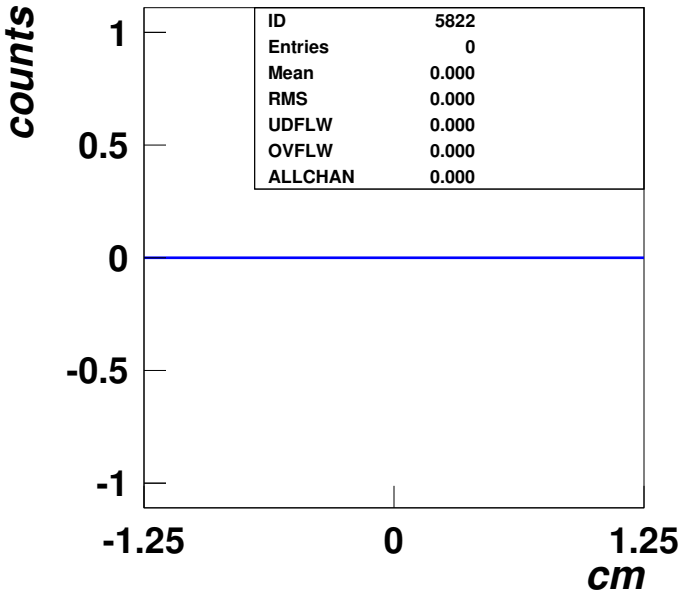

$2^{nd}$ (down) DCo – Φ side




$2^{nd}$ (down) DCo – Z side

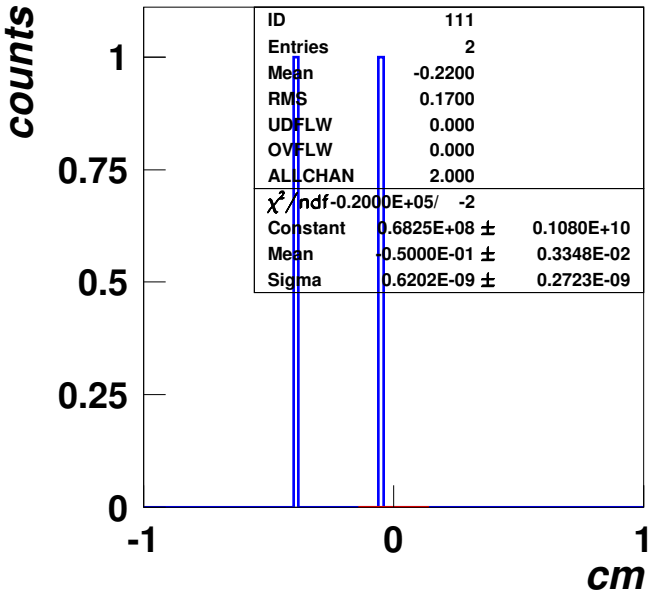



$2^{nd}$ (down) DCo – X side

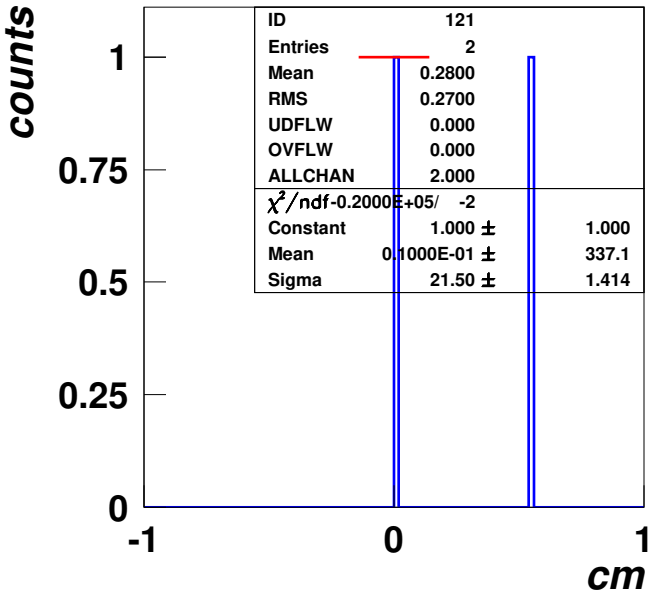



$2^{nd}$ (down) DCo – Y side

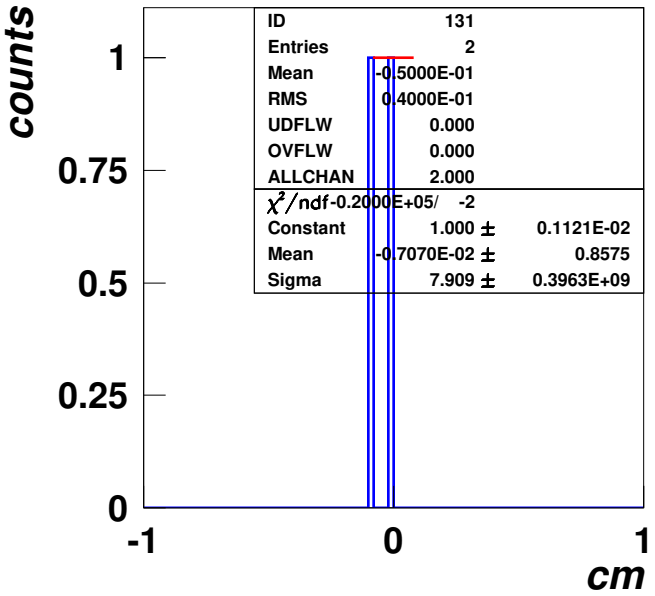
# *Residuals on OSIM - module 1*



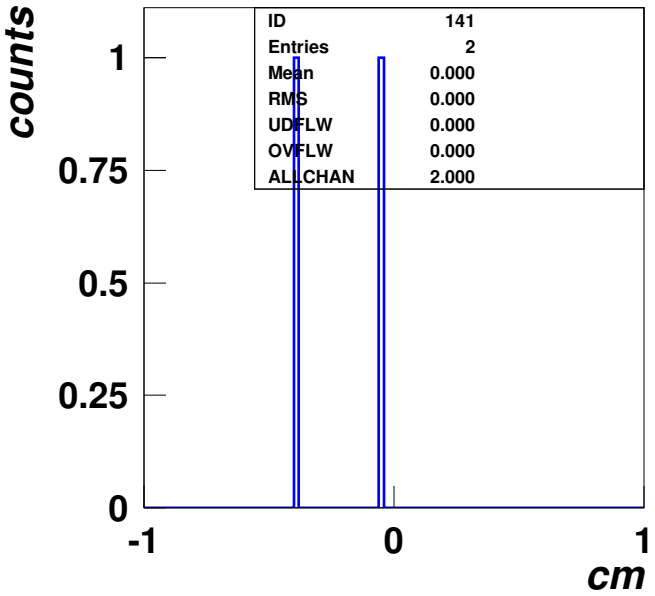

1st (up) OSIM – Φ side




1st (up) OSIM Z side

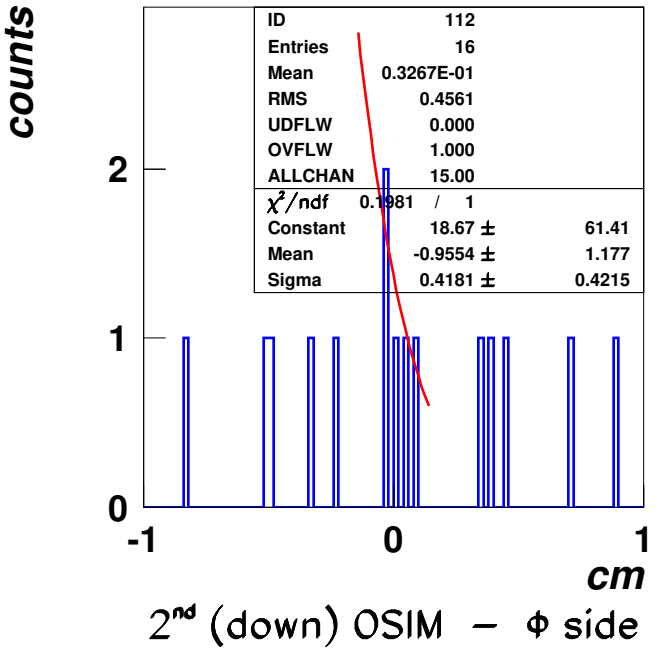



1st (up) OSIM X side

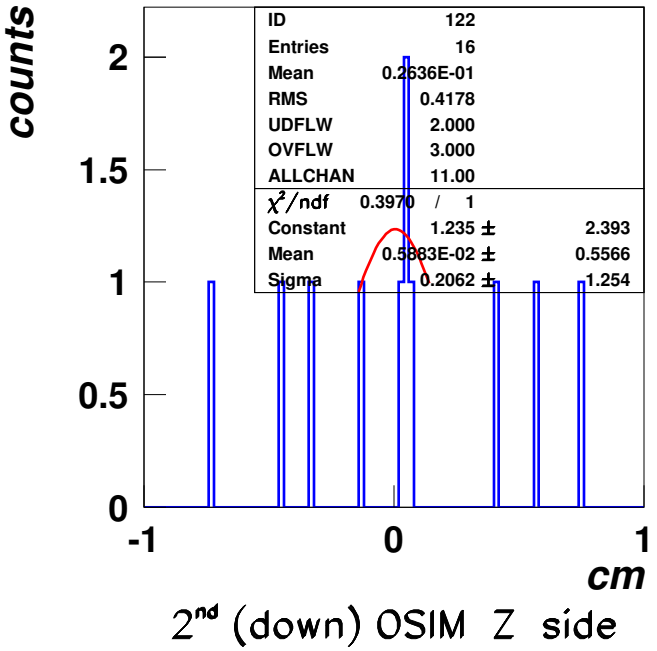



1st (up) OSIM Y side

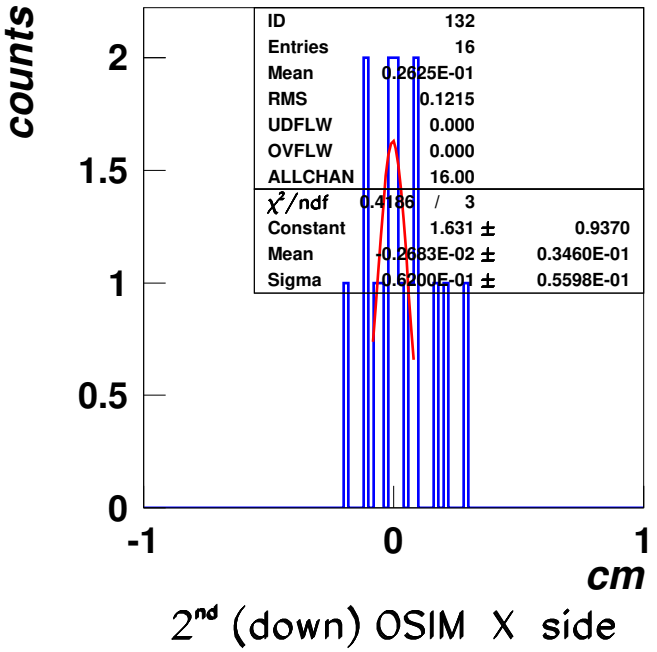
# *Residuals on OSIM - module 1*



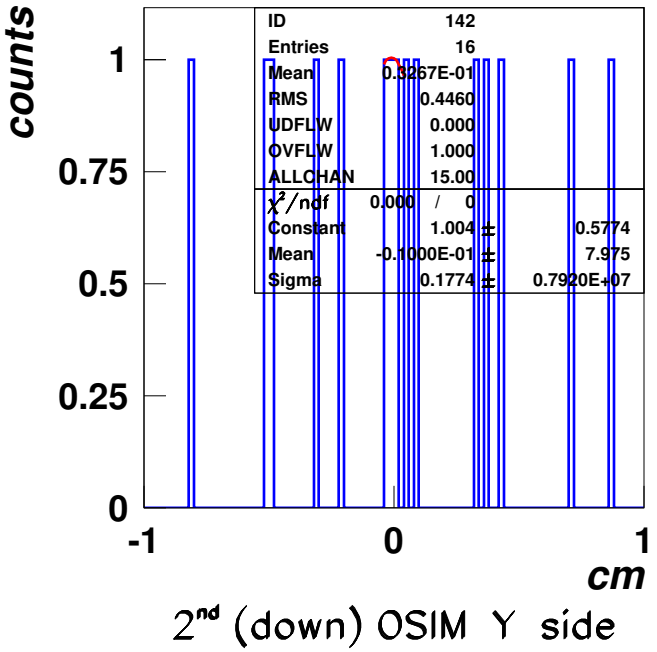

2nd (down) OSIM – Φ side




2nd (down) OSIM Z side

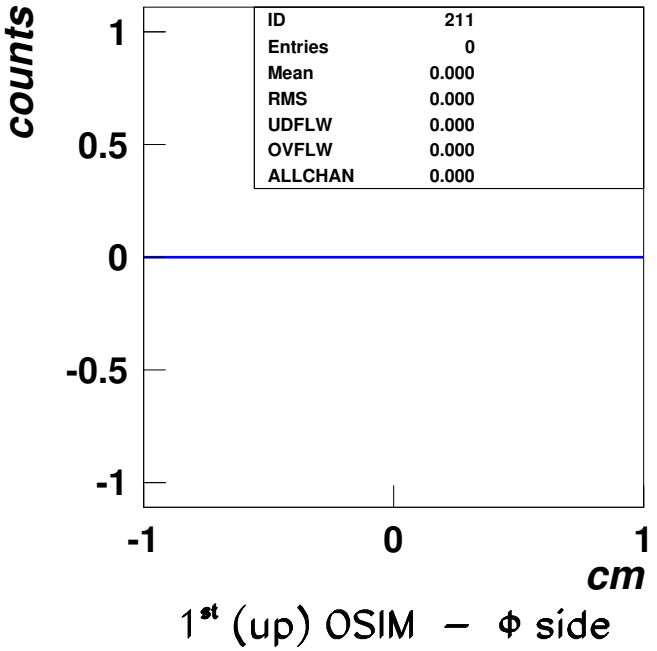



2nd (down) OSIM X side

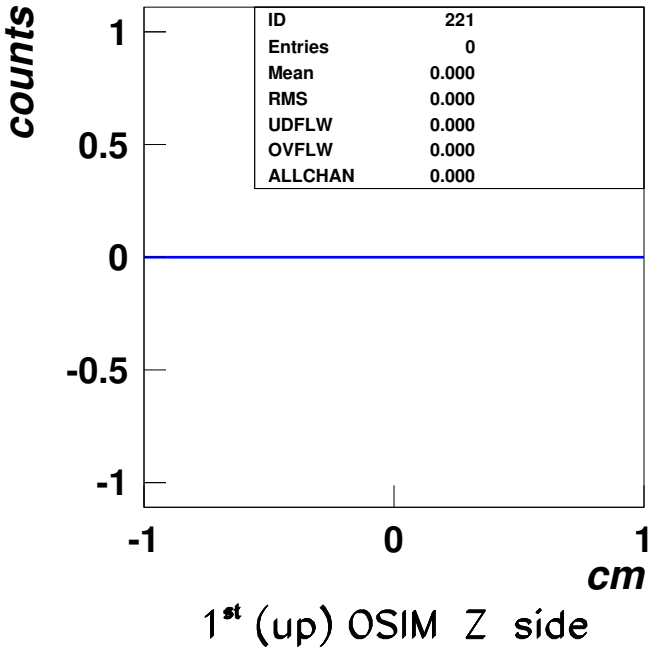



2nd (down) OSIM Y side

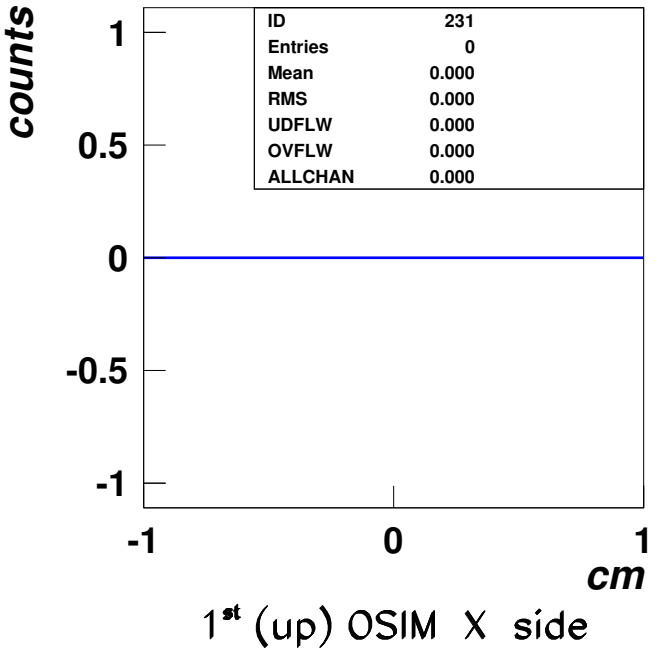
# *Residuals on OSIM - module 2*



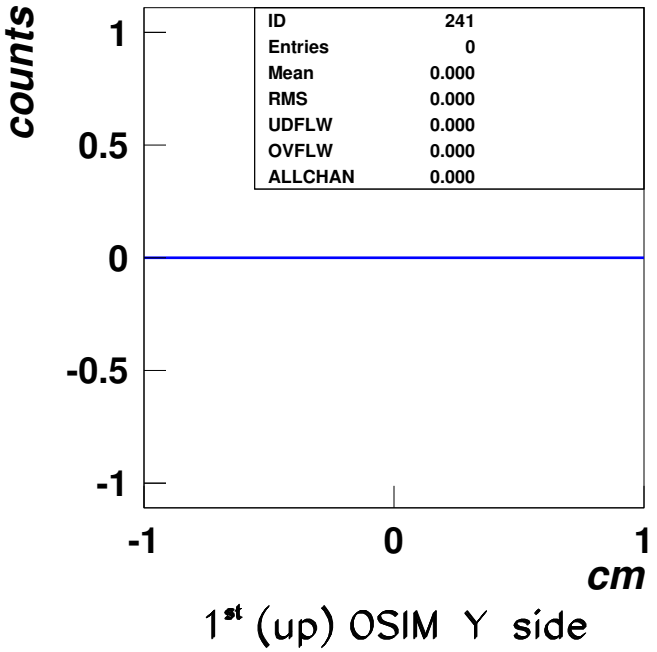

1st (up) OSIM – Φ side




1st (up) OSIM Z side

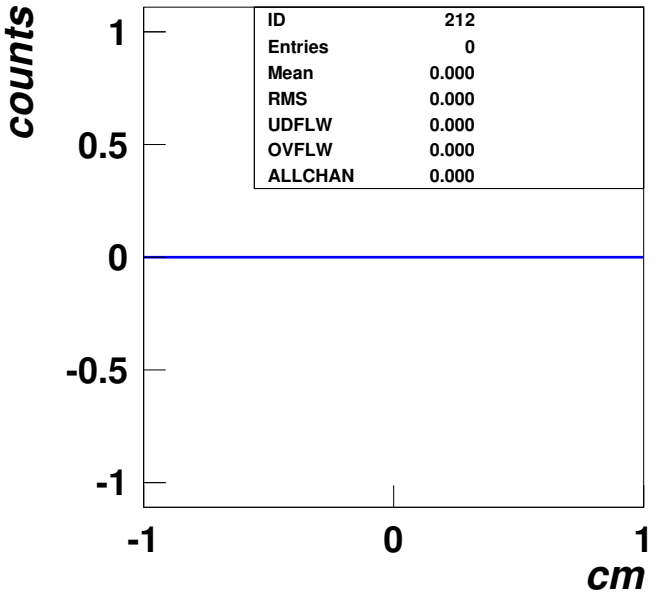



1st (up) OSIM X side

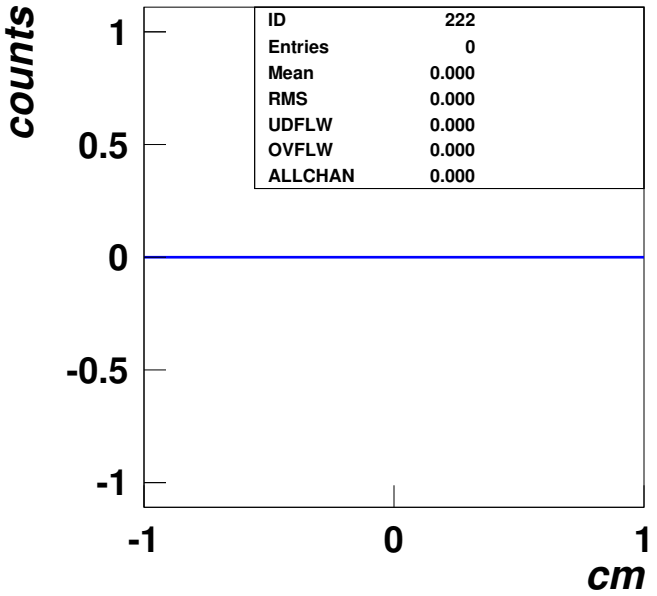



1st (up) OSIM Y side

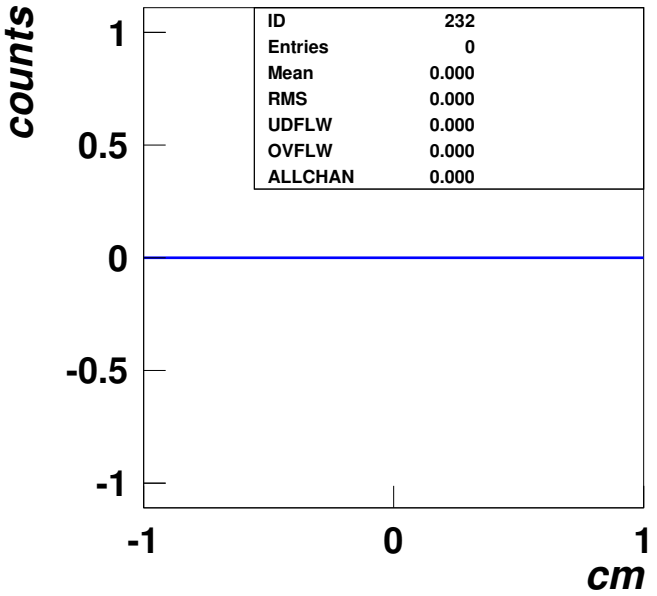
# *Residuals on OSIM - module 2*



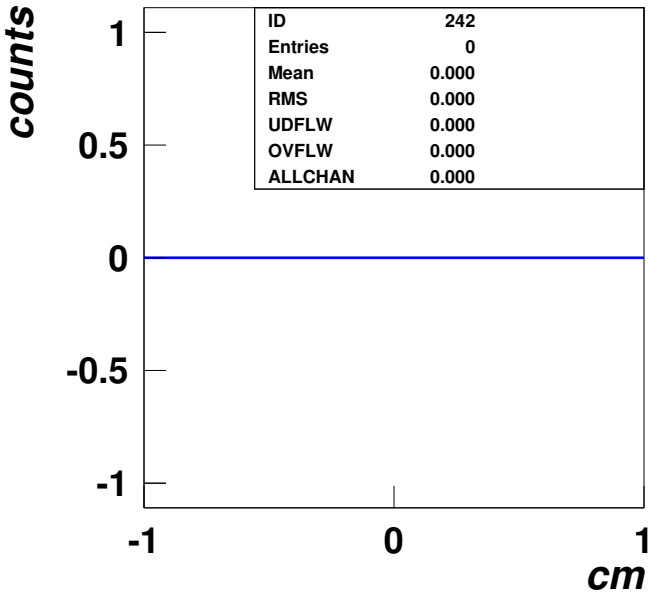

2nd (down) OSIM – Φ side




2nd (down) OSIM Z side

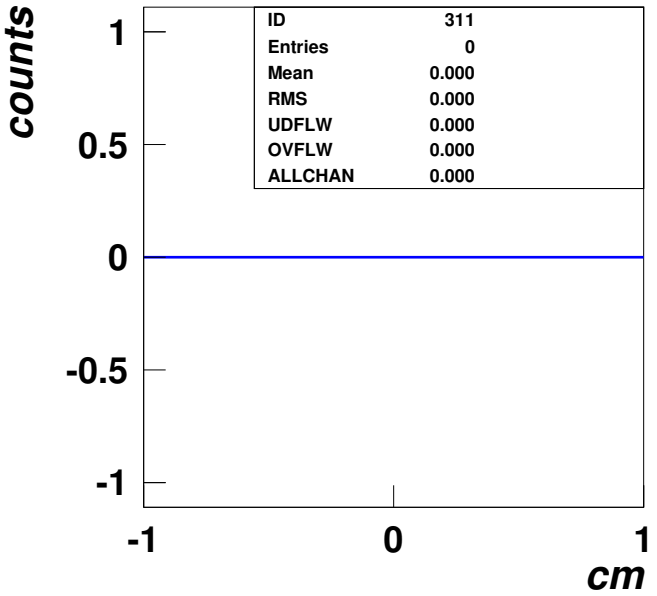



2nd (down) OSIM X side

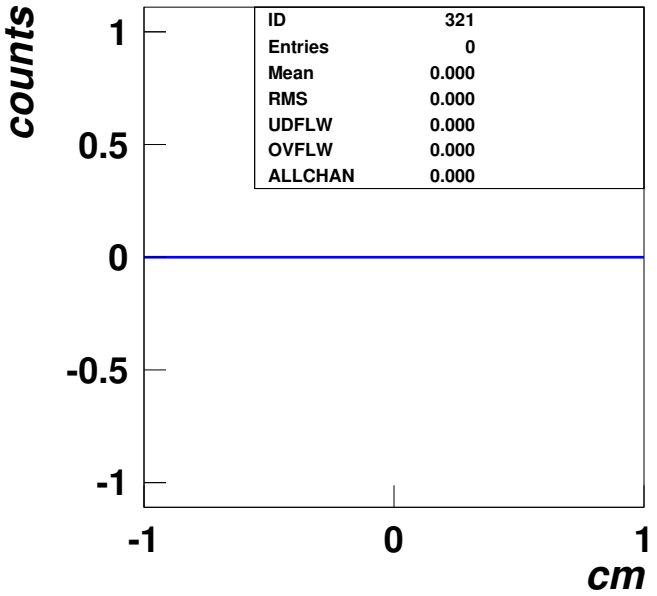



2nd (down) OSIM Y side

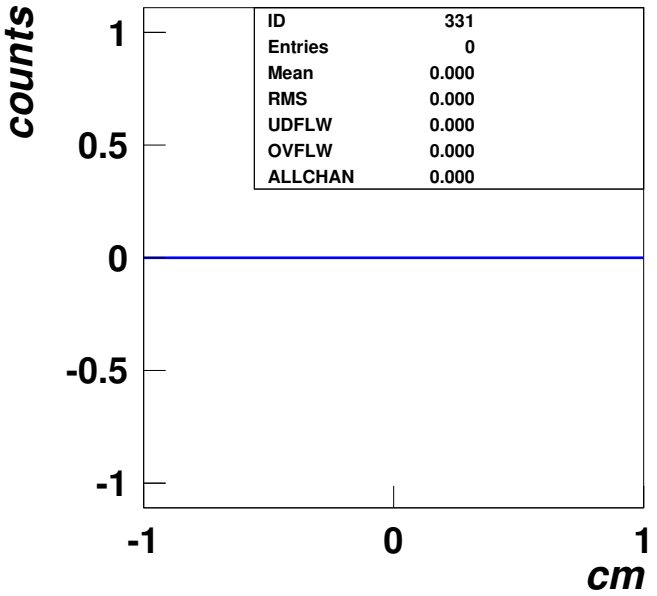
# *Residuals on OSIM - module 3*



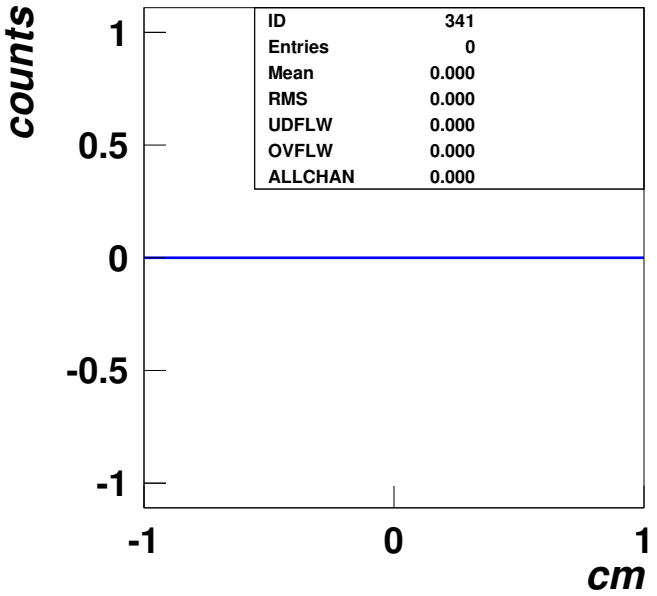

1st (up) OSIM – Φ side




1st (up) OSIM Z side

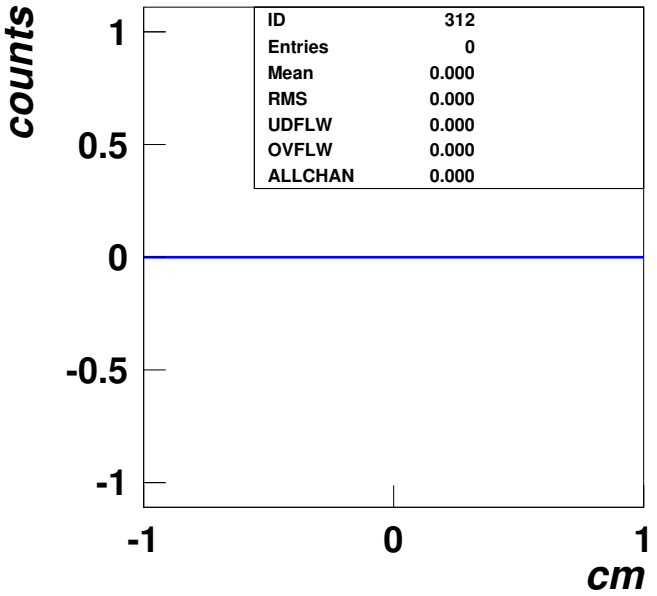



1st (up) OSIM X side

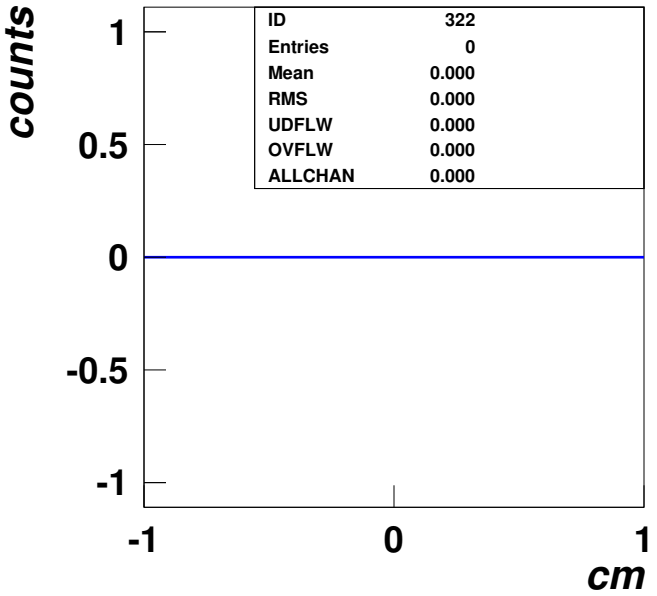



1st (up) OSIM Y side

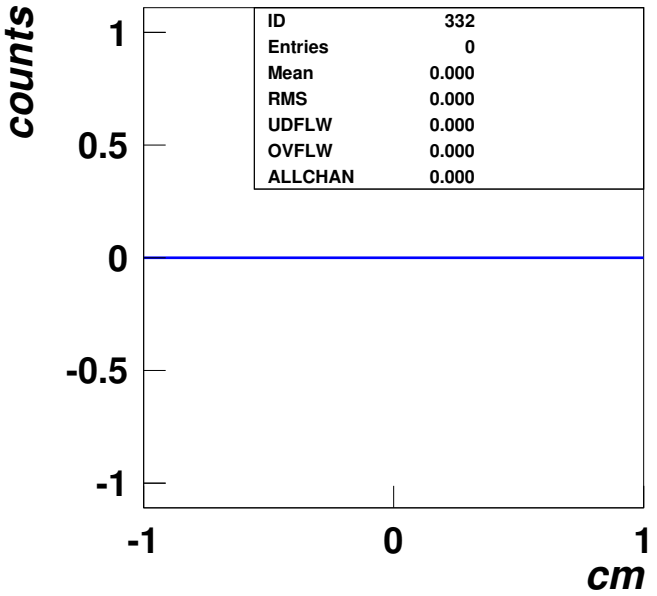
# *Residuals on OSIM - module 3*



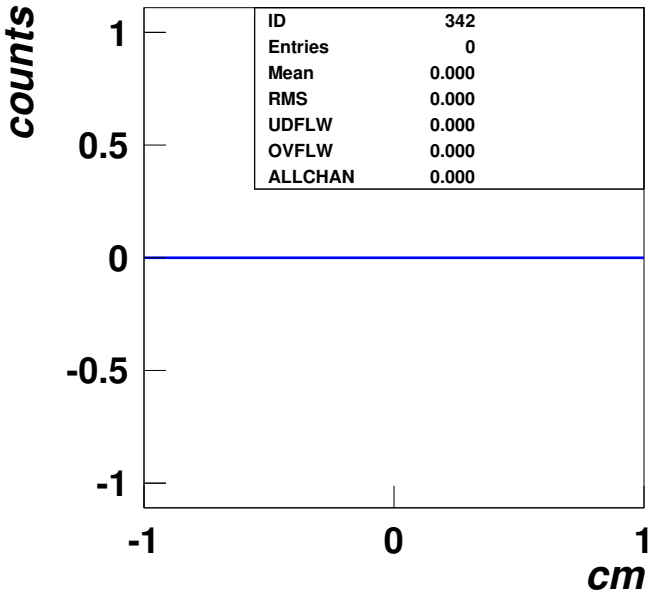

2nd (down) OSIM – Φ side




2nd (down) OSIM Z side

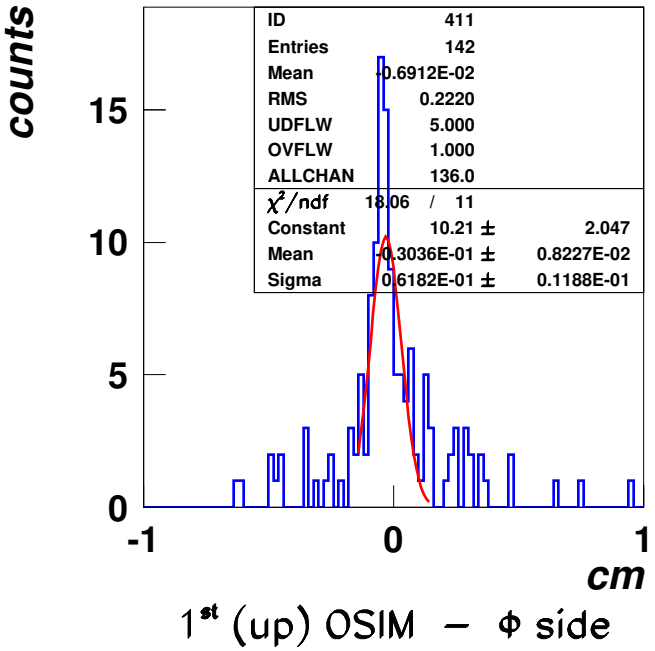



2nd (down) OSIM X side

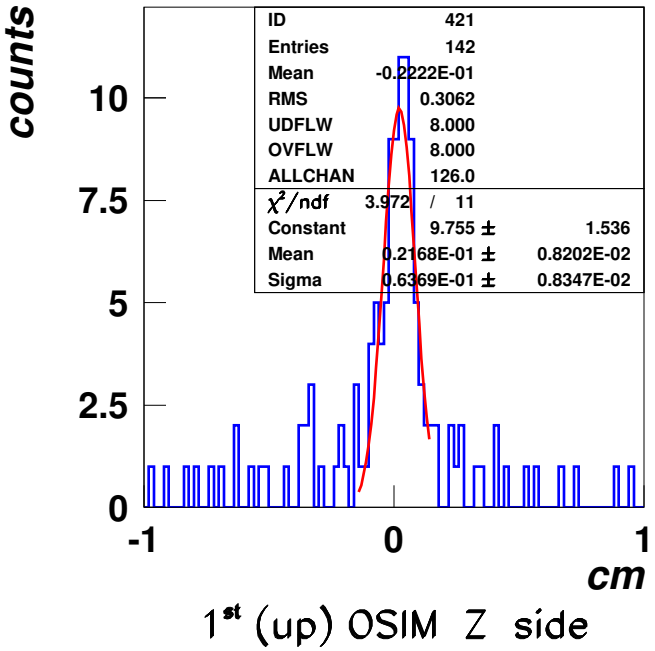



2nd (down) OSIM Y side

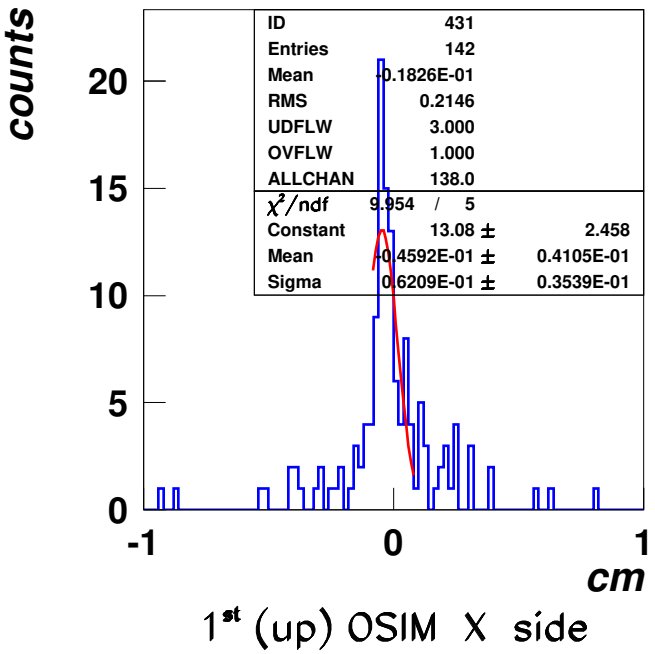
# *Residuals on OSIM - module 4*



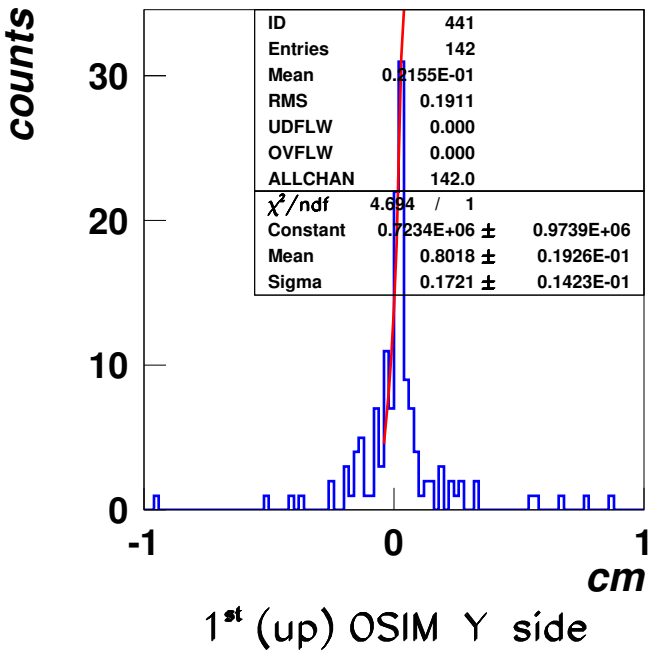

1st (up) OSIM – Φ side




1st (up) OSIM Z side

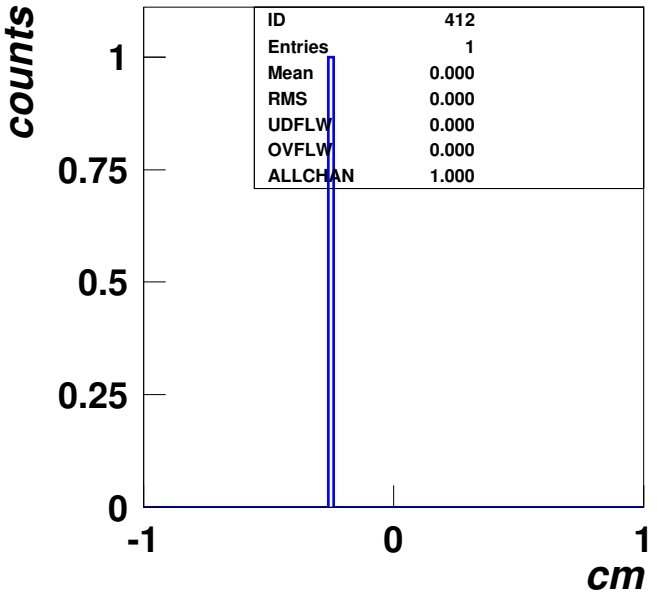



1st (up) OSIM X side

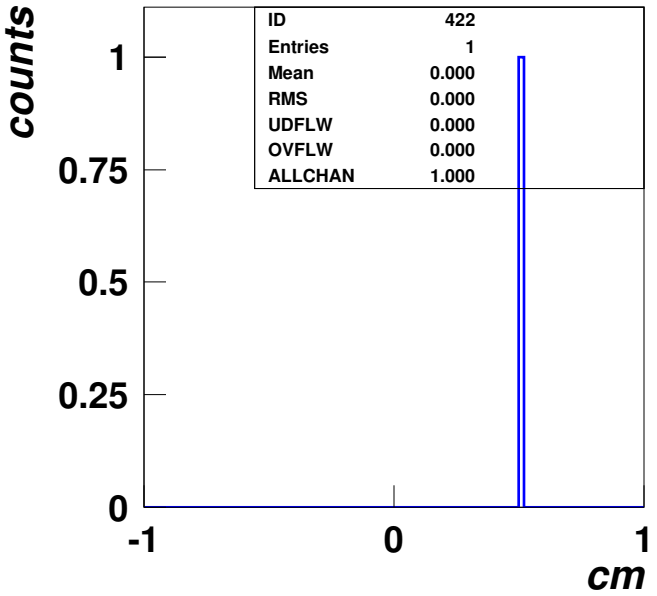



1st (up) OSIM Y side

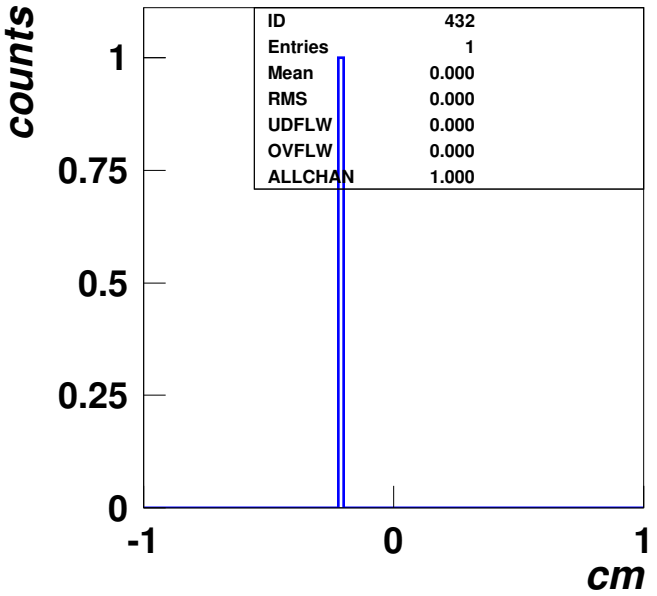
# *Residuals on OSIM - module 4*



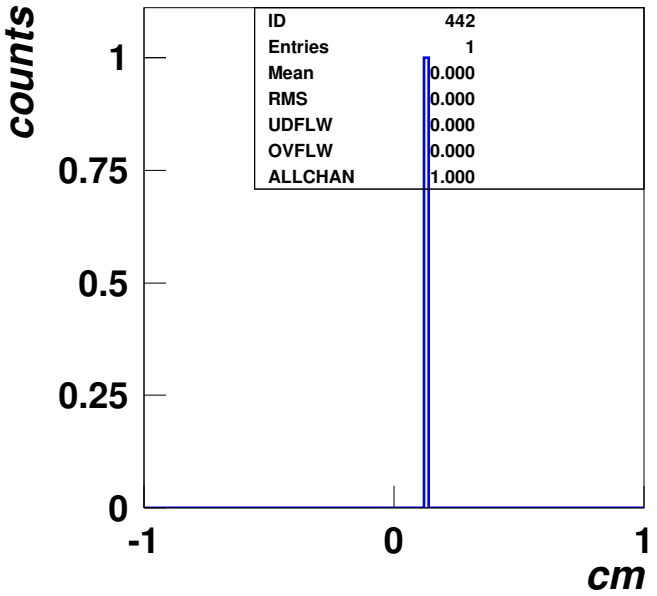

2nd (down) OSIM – Φ side




2nd (down) OSIM Z side

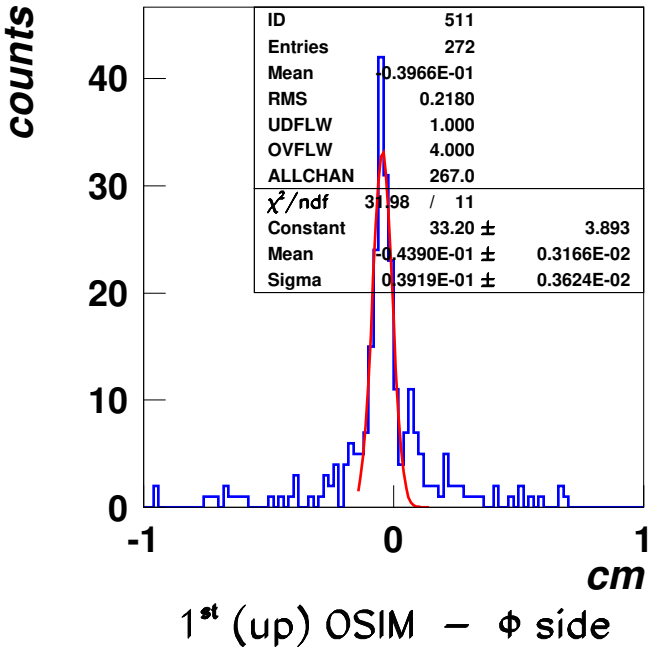



2nd (down) OSIM X side

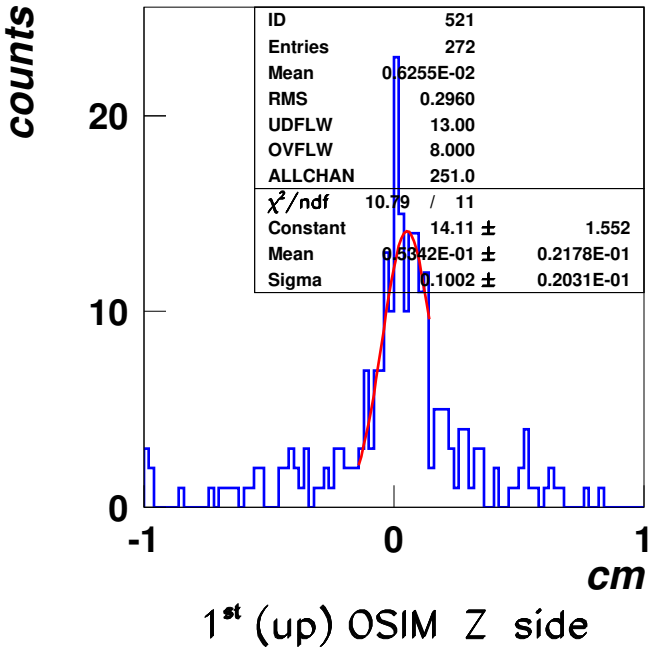



2nd (down) OSIM Y side

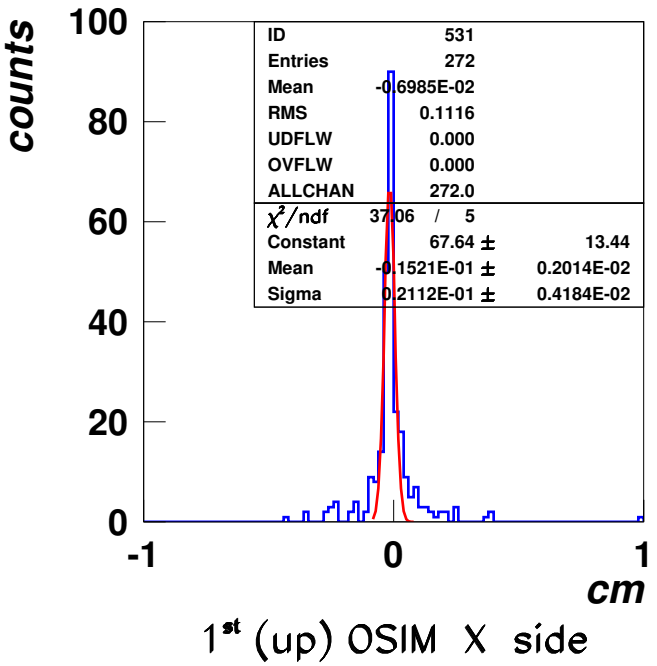
# *Residuals on OSIM - module 5*



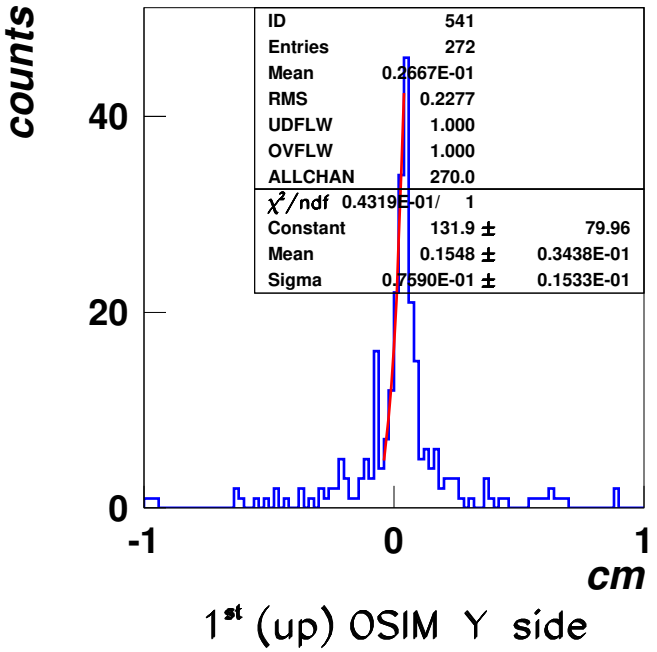

1st (up) OSIM – Φ side




1st (up) OSIM Z side

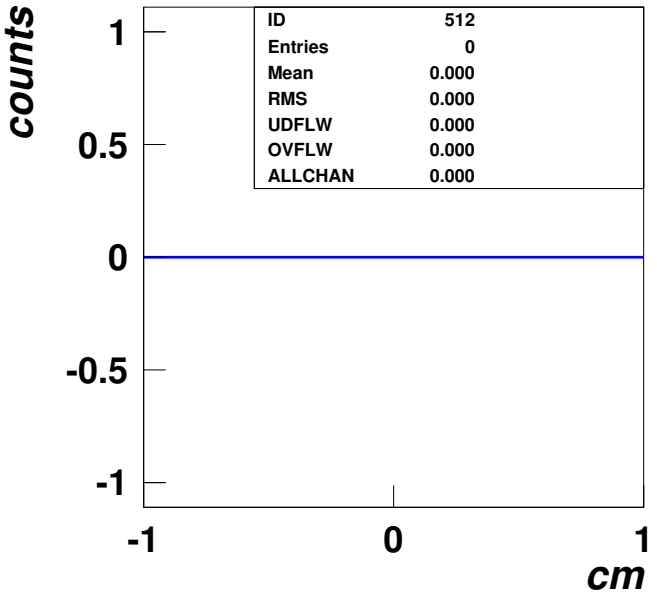



1st (up) OSIM X side

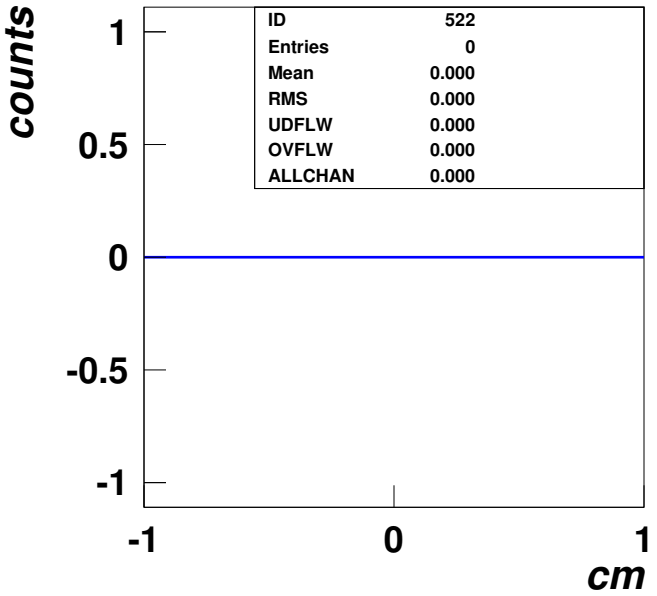



1st (up) OSIM Y side

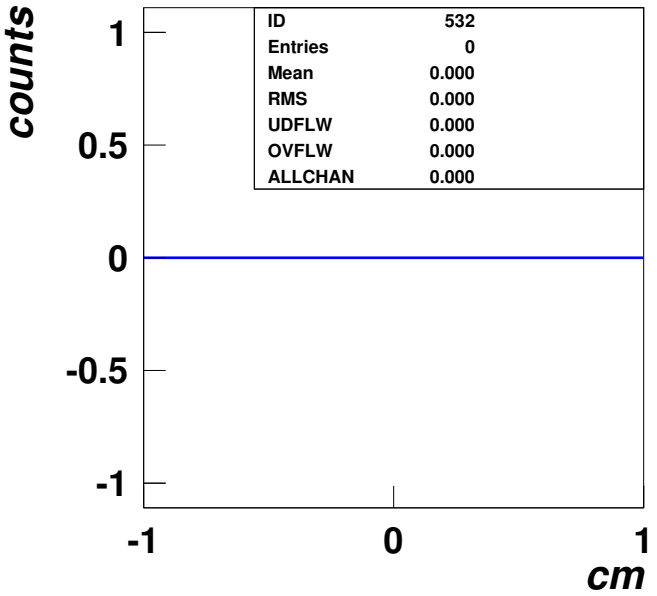
# *Residuals on OSIM - module 5*



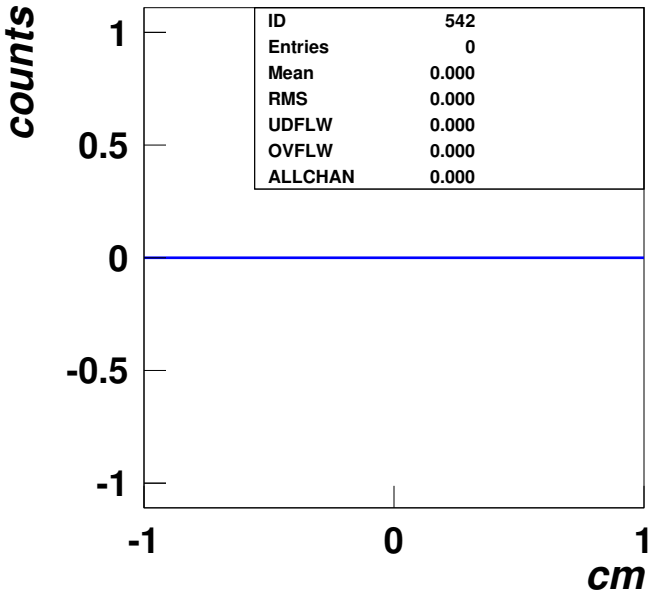

2nd (down) OSIM – Φ side




2nd (down) OSIM Z side

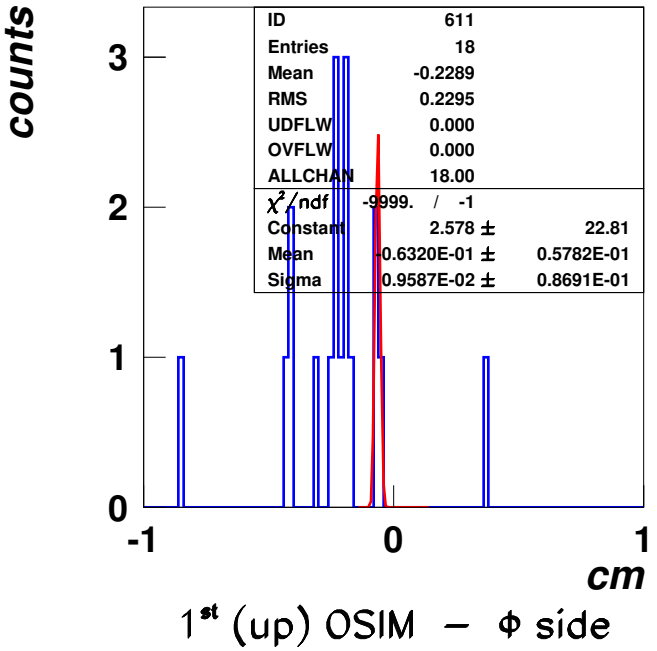



2nd (down) OSIM X side

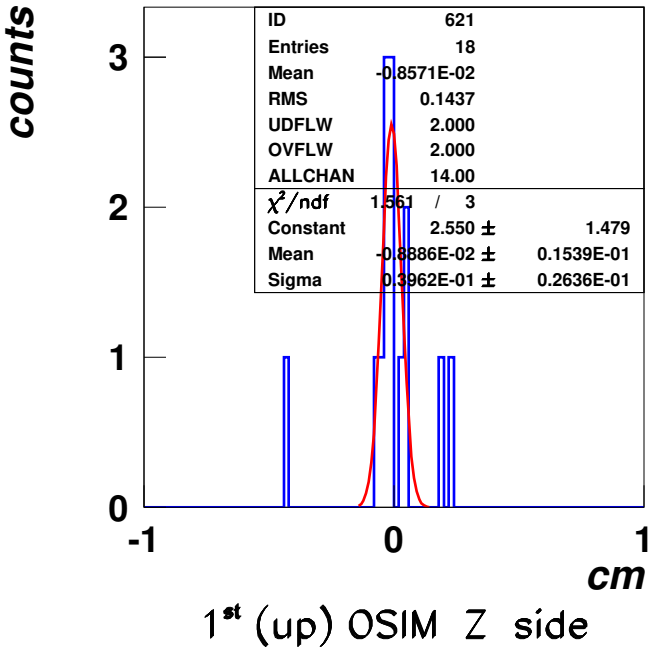



2nd (down) OSIM Y side

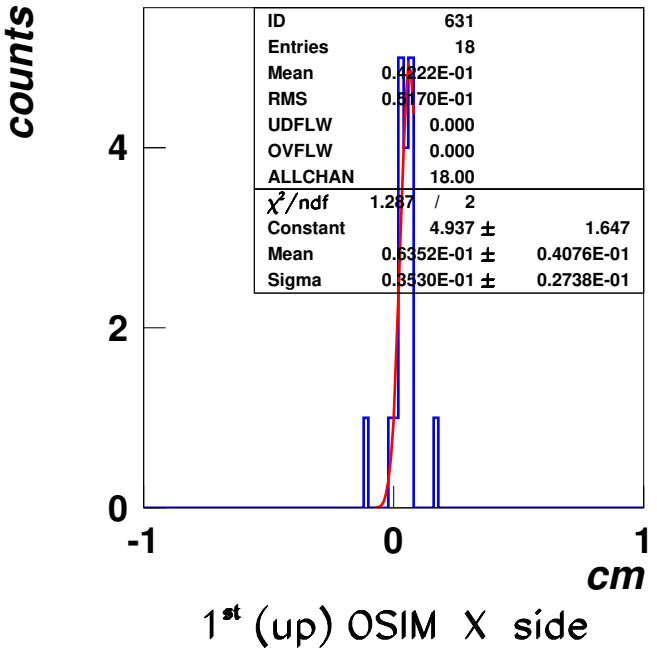
# *Residuals on OSIM - module 6*



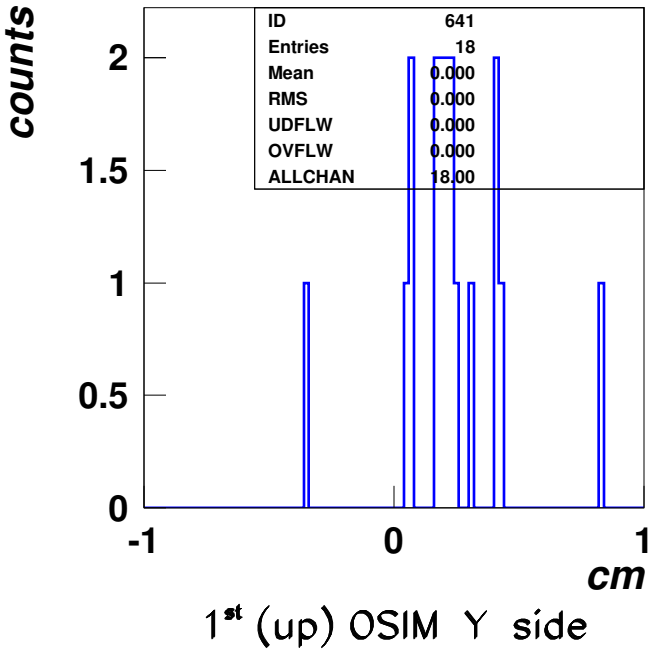

1st (up) OSIM – Φ side




1st (up) OSIM Z side

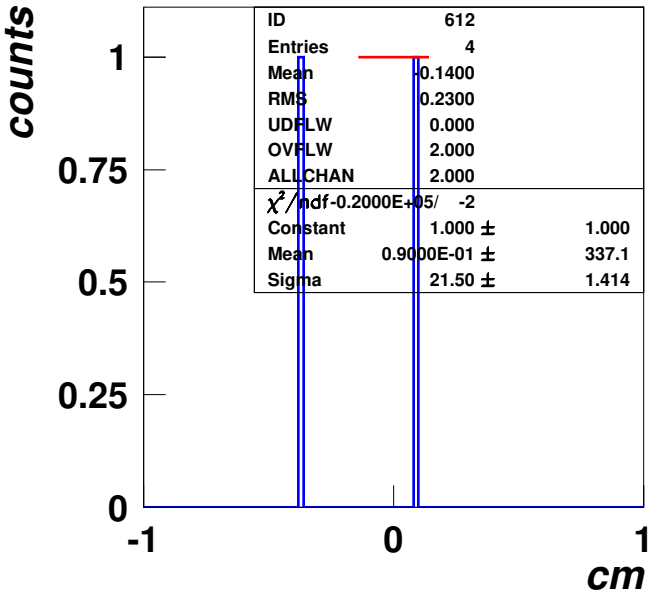



1st (up) OSIM X side

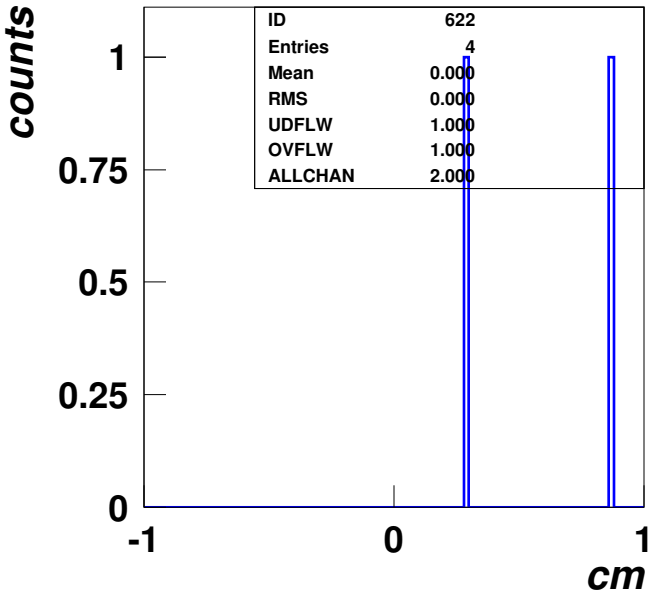



1st (up) OSIM Y side

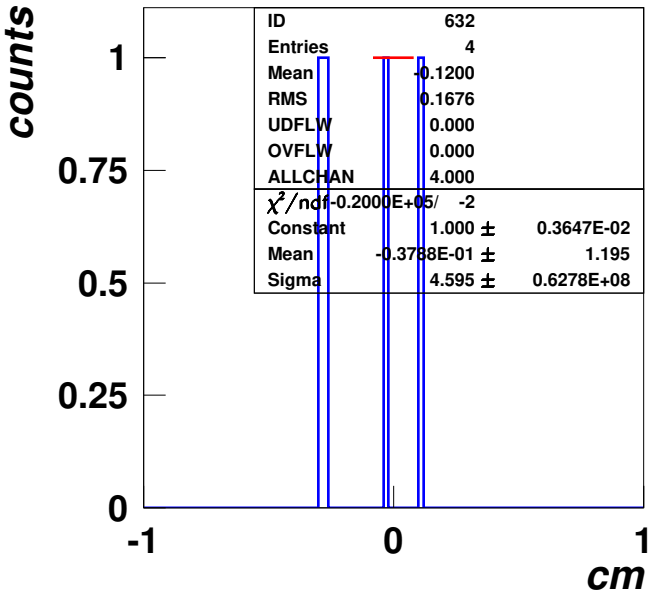
# *Residuals on OSIM - module 6*



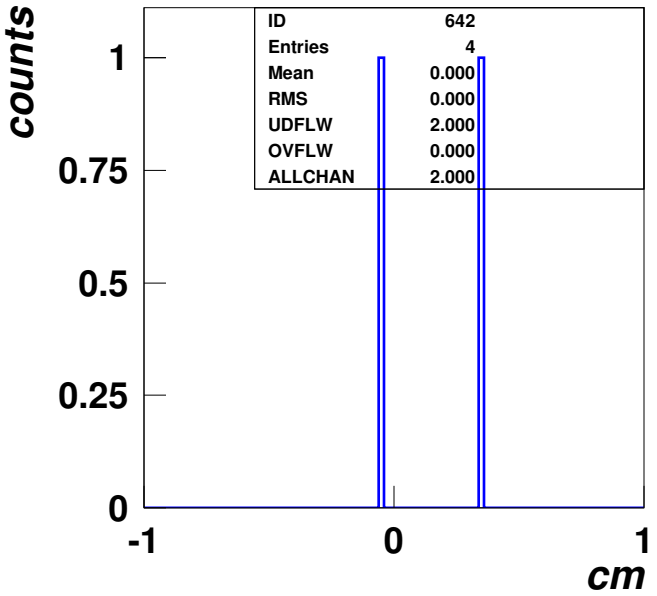

2nd (down) OSIM – Φ side




2nd (down) OSIM Z side

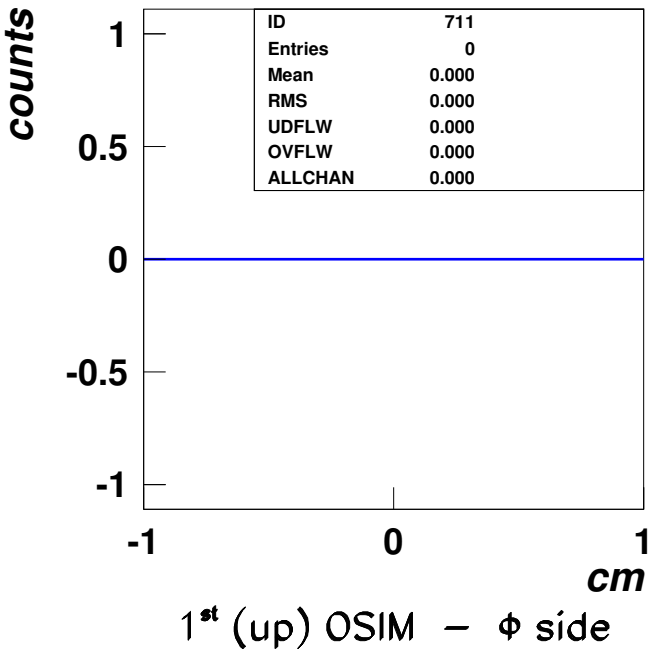



2nd (down) OSIM X side

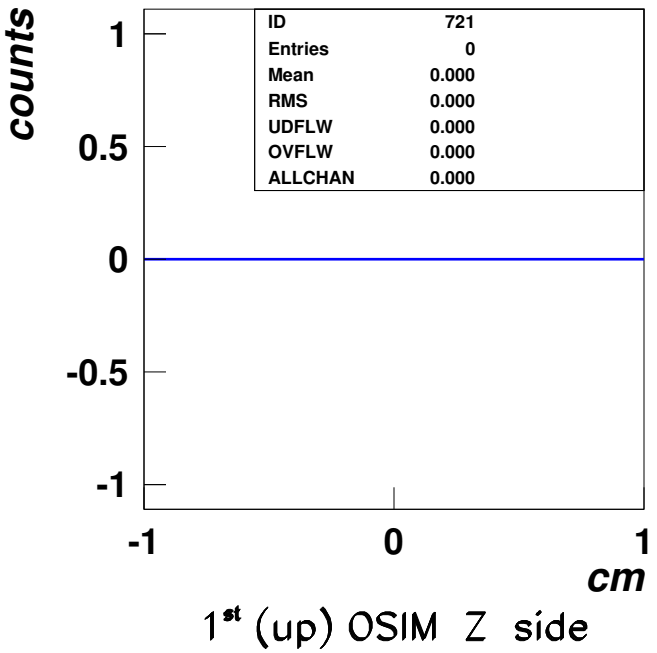



2nd (down) OSIM Y side

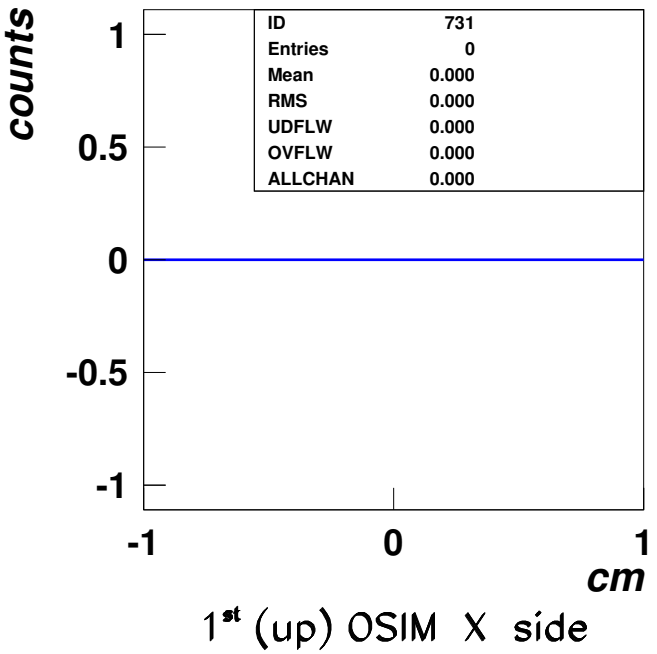
# *Residuals on OSIM - module 7*



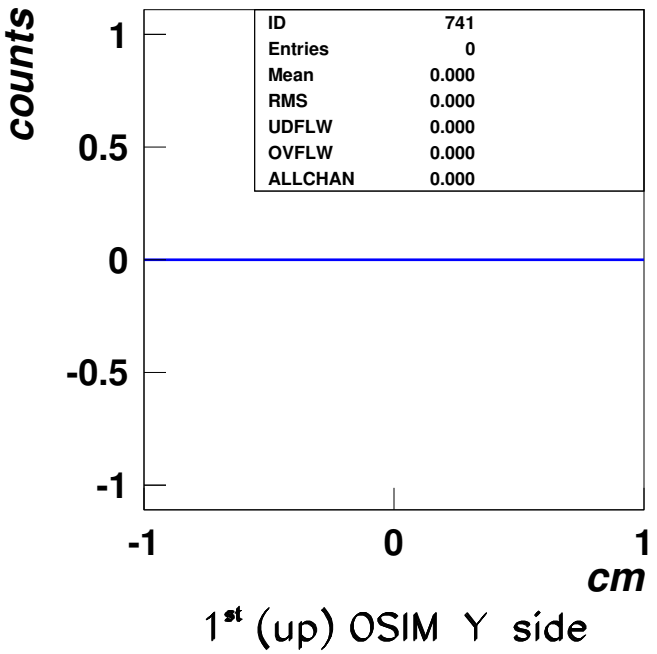

1st (up) OSIM – Φ side




1st (up) OSIM Z side

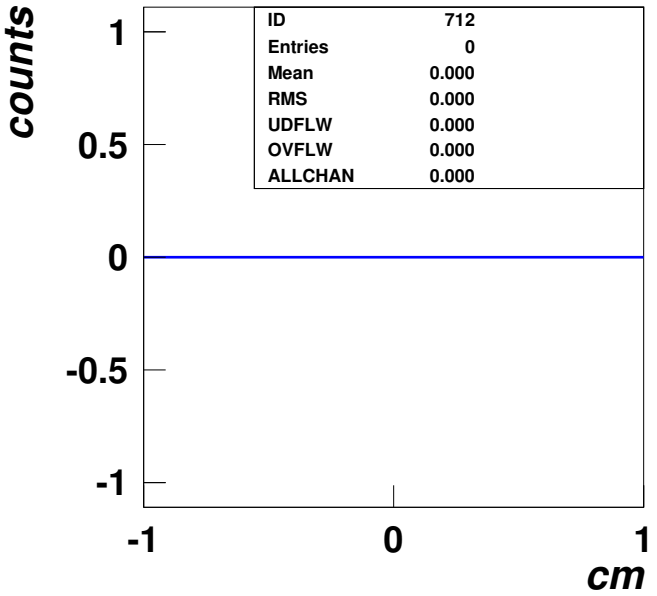



1st (up) OSIM X side

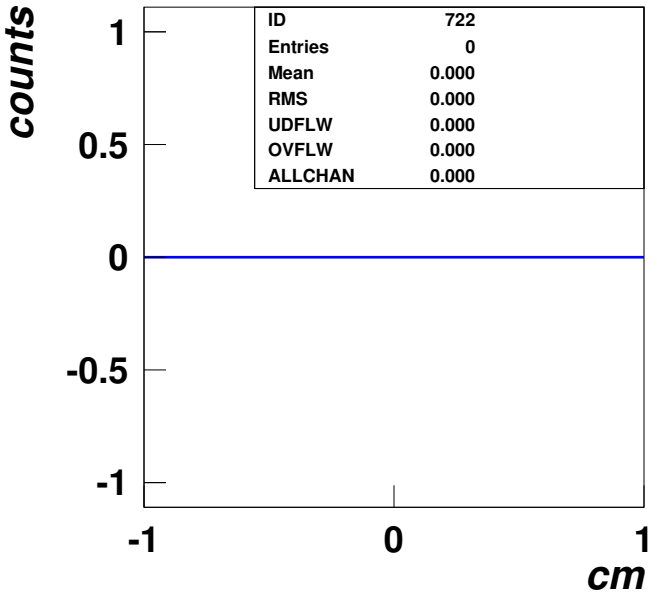



1st (up) OSIM Y side

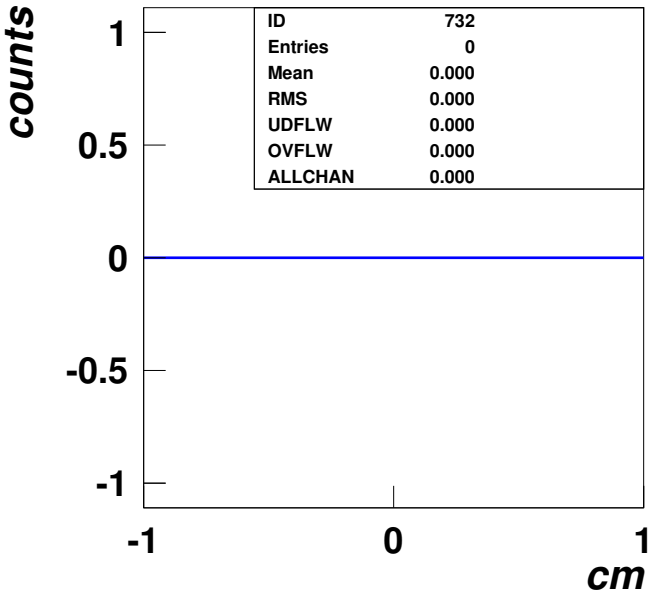
# *Residuals on OSIM - module 7*



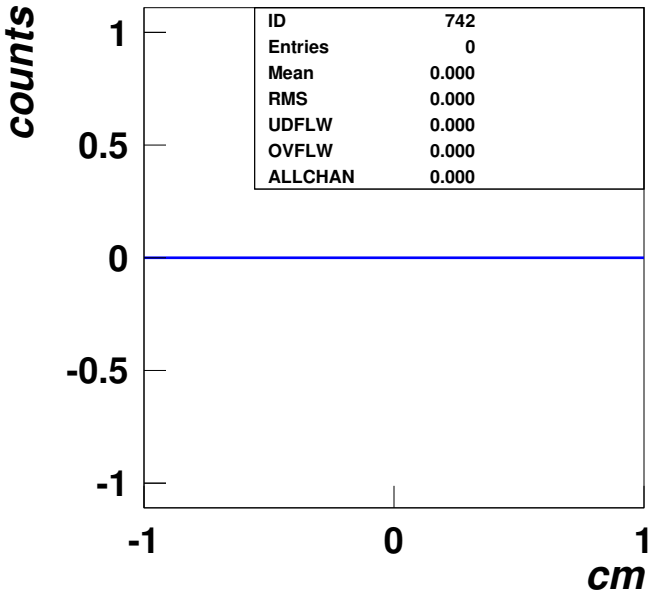

2nd (down) OSIM – Φ side




2nd (down) OSIM Z side

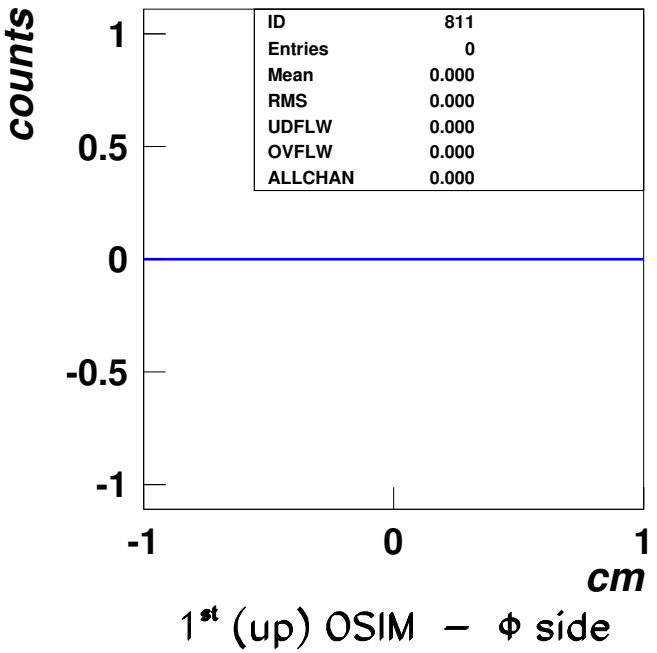



2nd (down) OSIM X side

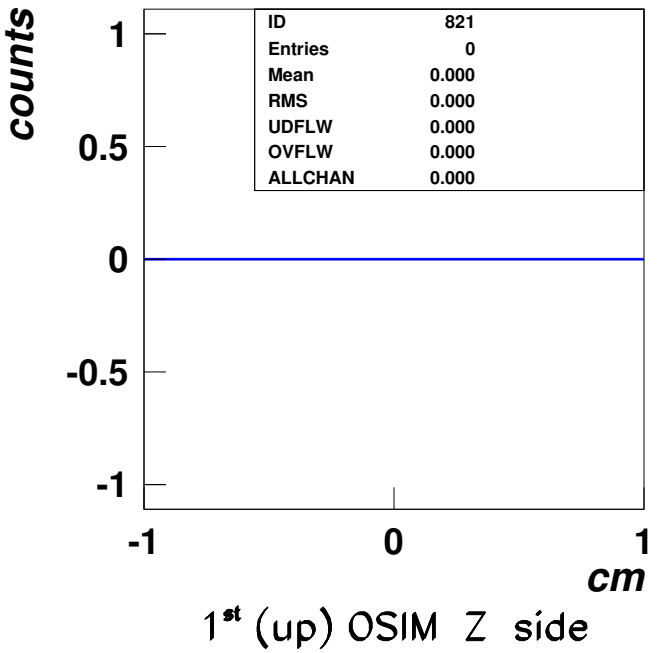



2nd (down) OSIM Y side

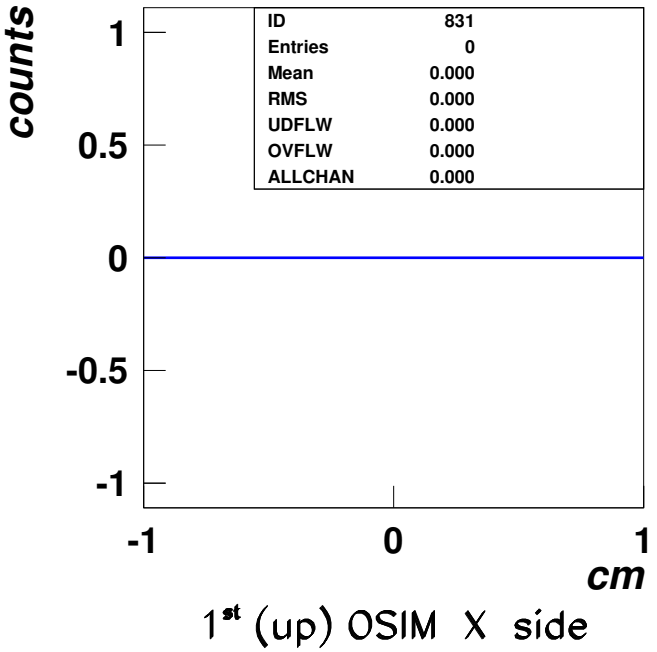
# *Residuals on OSIM - module 8*



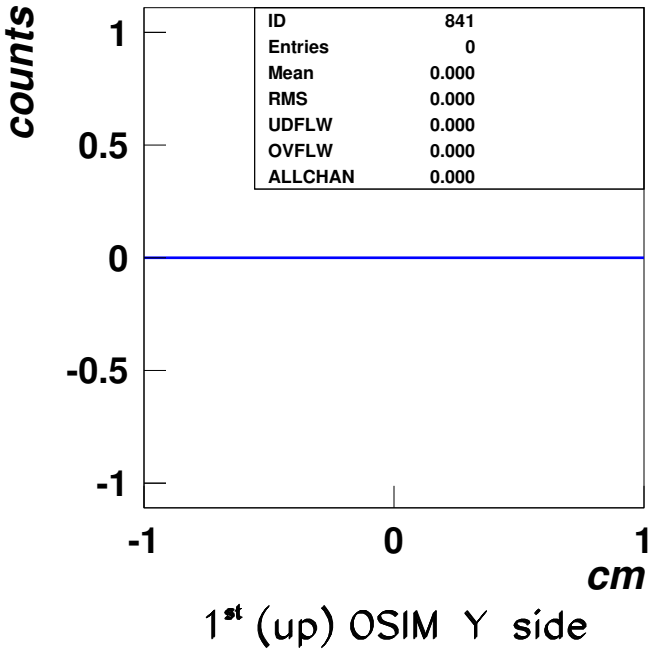

1st (up) OSIM – Φ side




1st (up) OSIM Z side

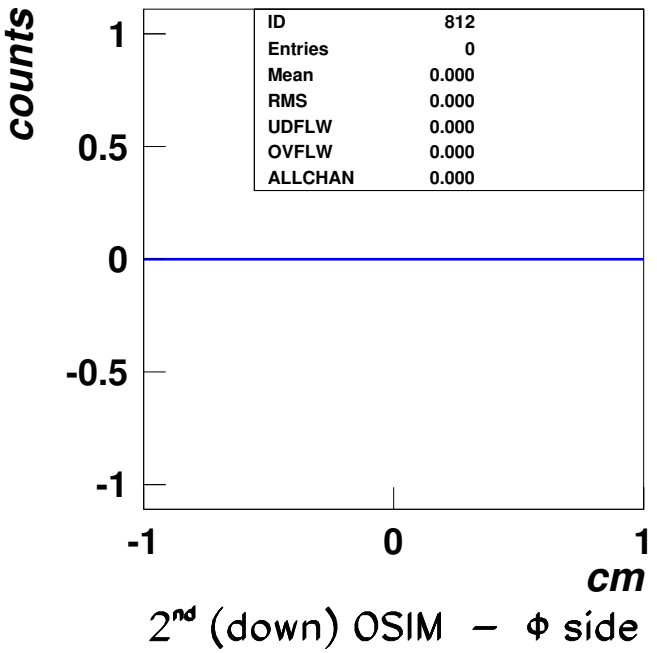



1st (up) OSIM X side

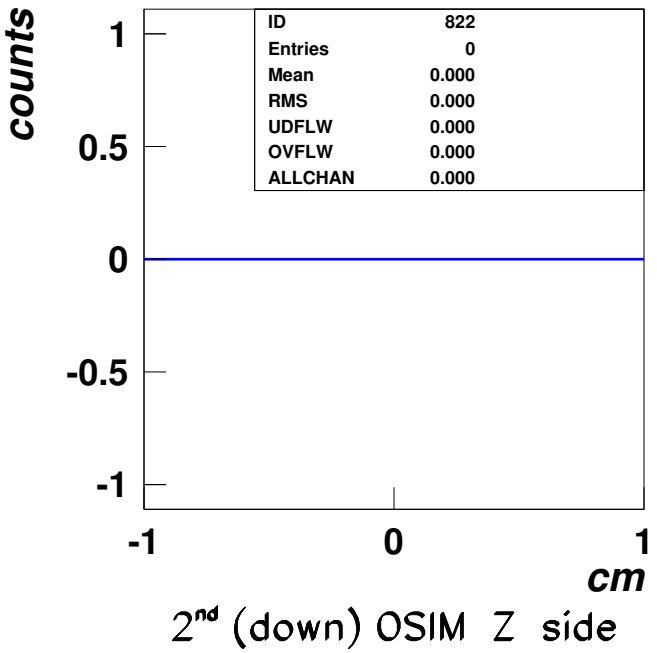



1st (up) OSIM Y side

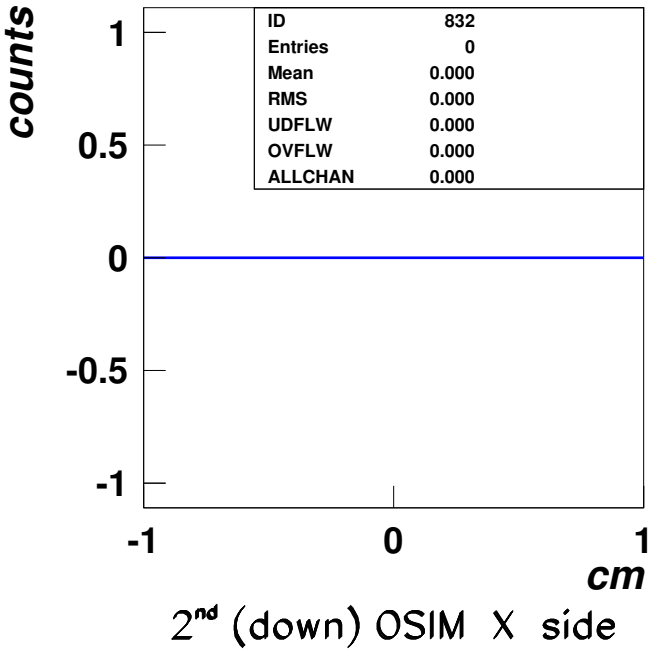
# *Residuals on OSIM - module 8*



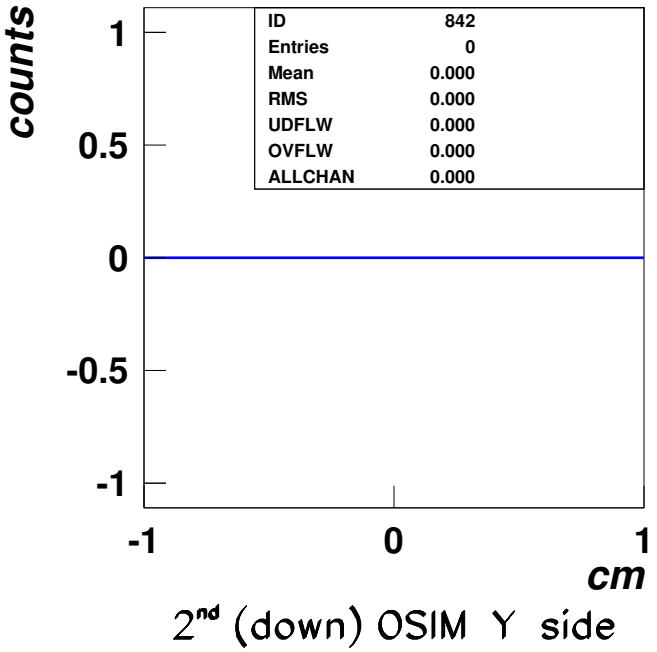

2nd (down) OSIM – Φ side




2nd (down) OSIM Z side

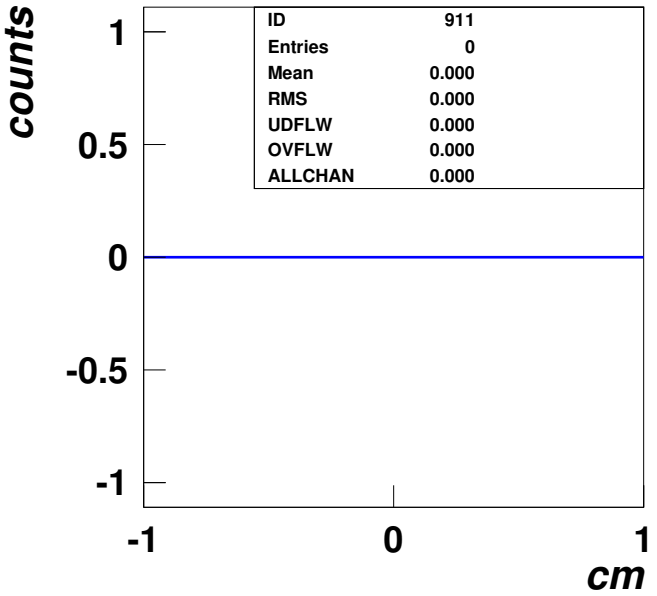



2nd (down) OSIM X side

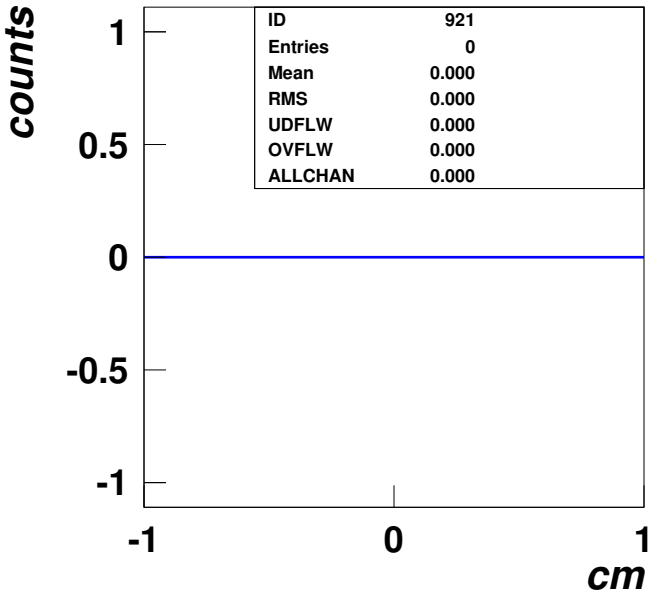



2nd (down) OSIM Y side

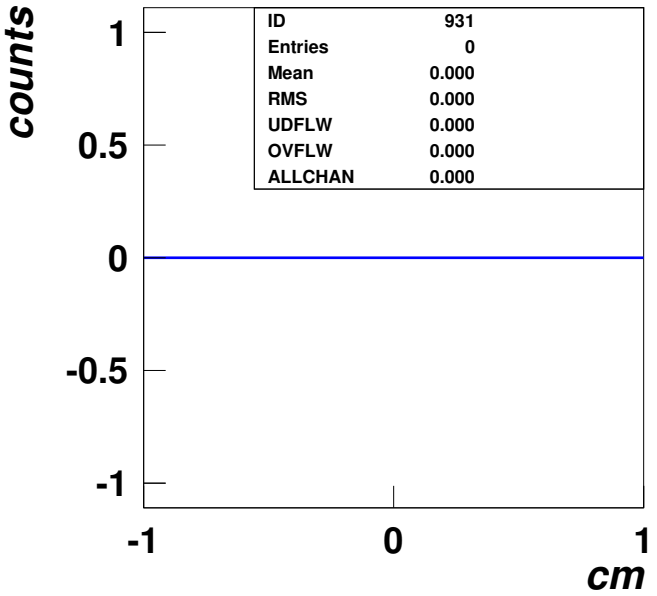
# *Residuals on OSIM - module 9*



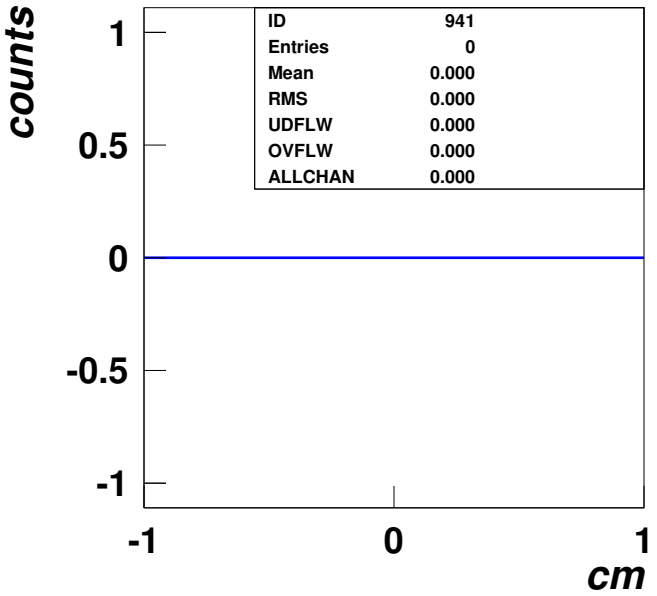

1st (up) OSIM – Φ side




1st (up) OSIM Z side

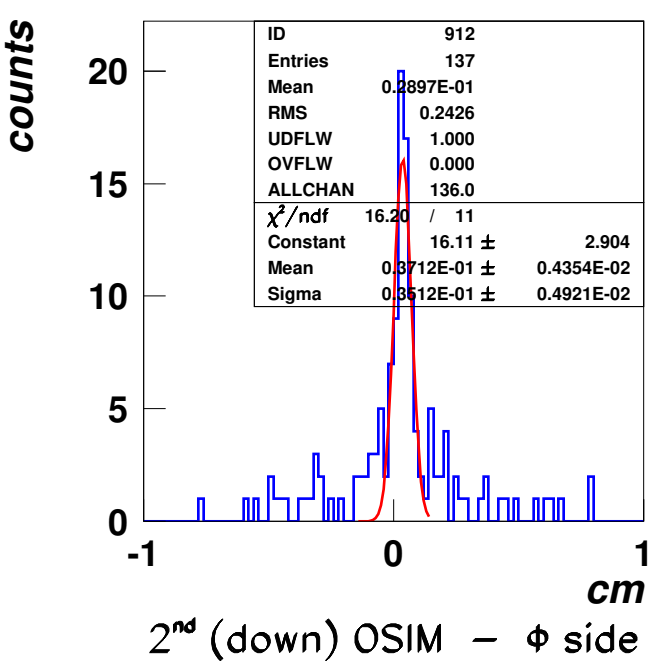



1st (up) OSIM X side

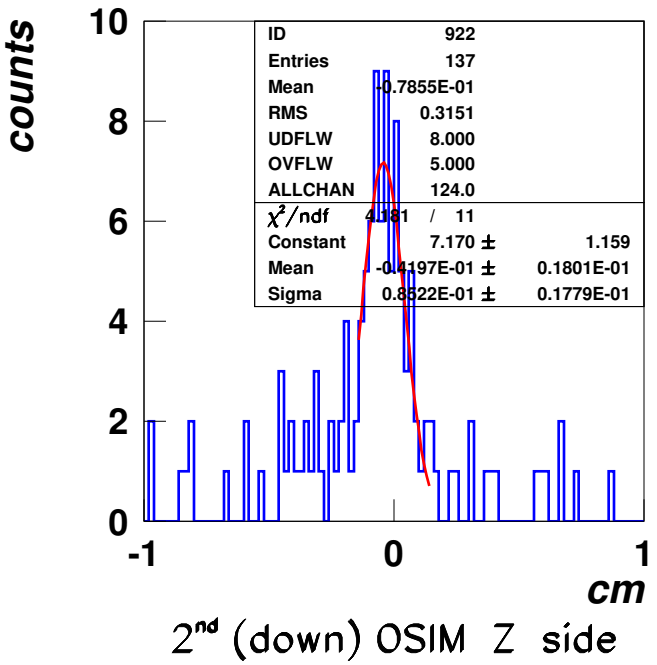



1st (up) OSIM Y side

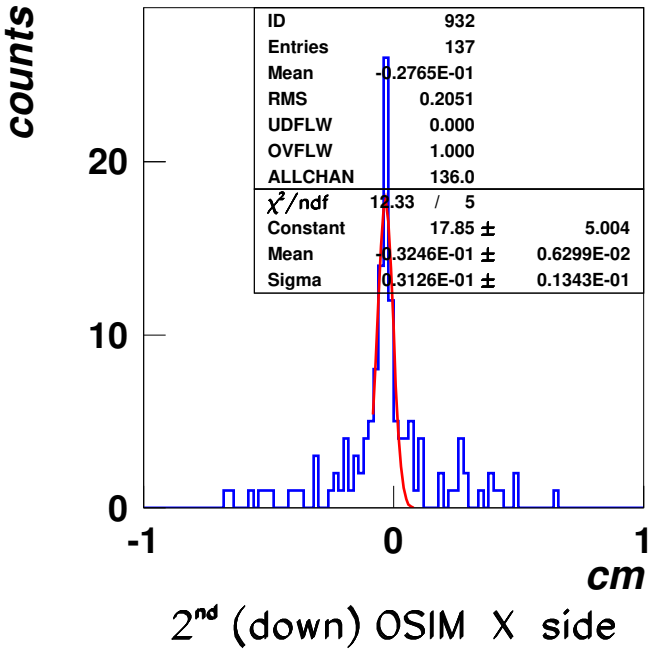
# *Residuals on OSIM - module 9*



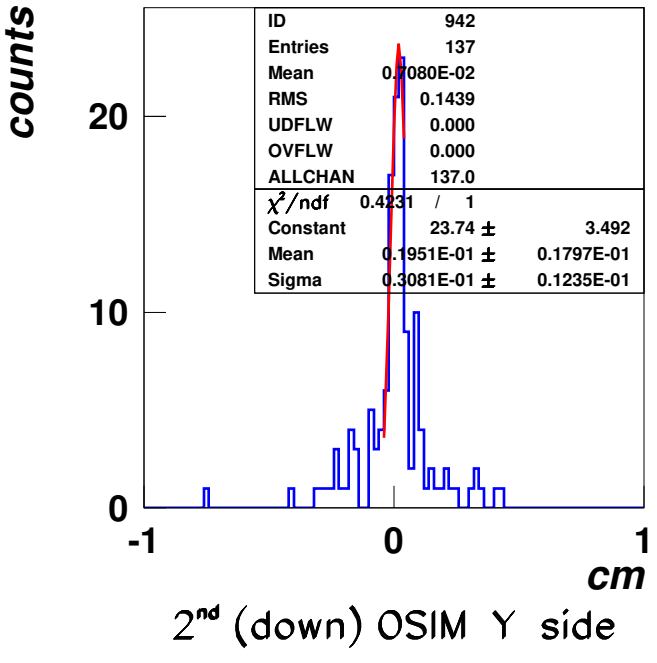

$2^{nd}$ (down) OSIM − Φ side




$2^{nd}$ (down) OSIM Z side

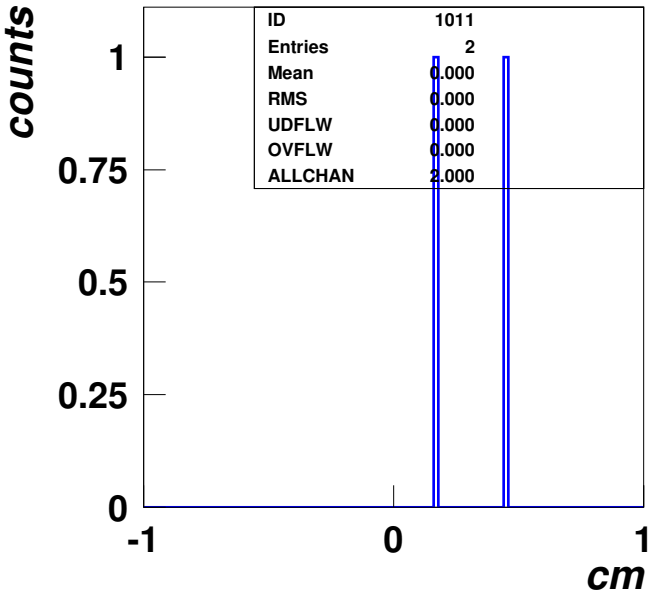



$2^{nd}$ (down) OSIM X side

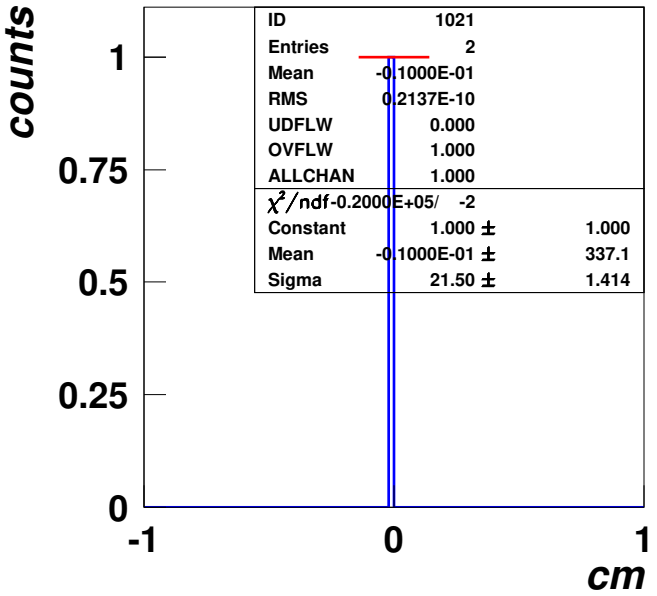



$2^{nd}$ (down) OSIM Y side

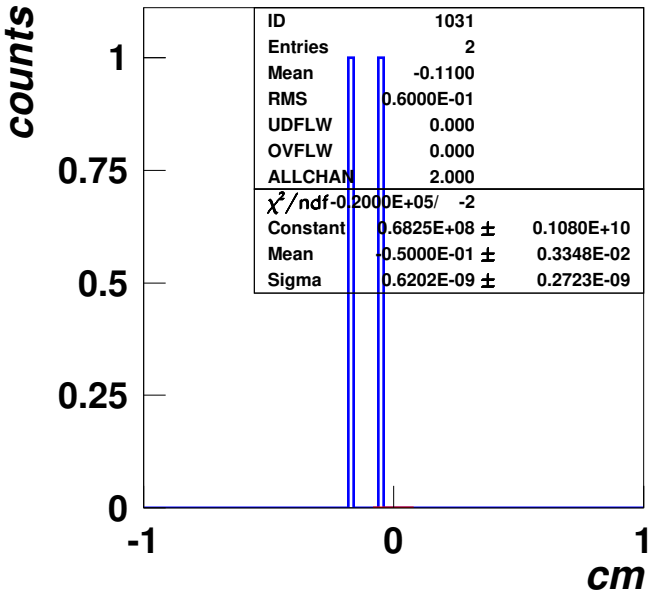
# *Residuals on OSIM - module 10*



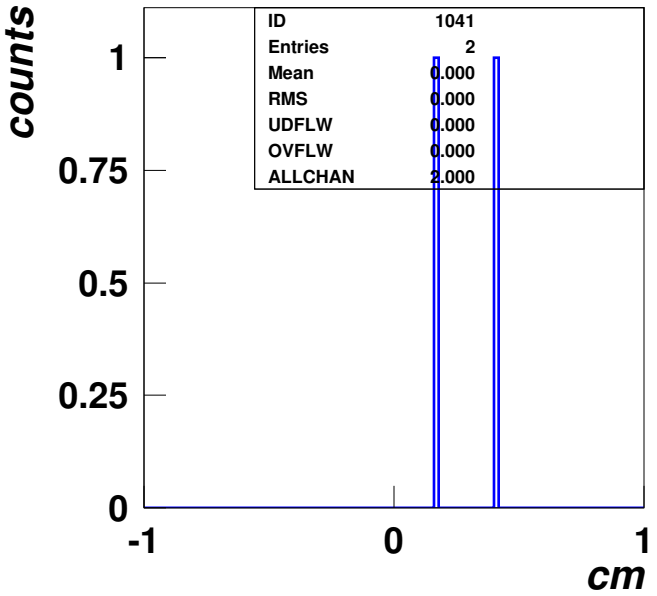

1st (up) OSIM – Φ side




1st (up) OSIM Z side

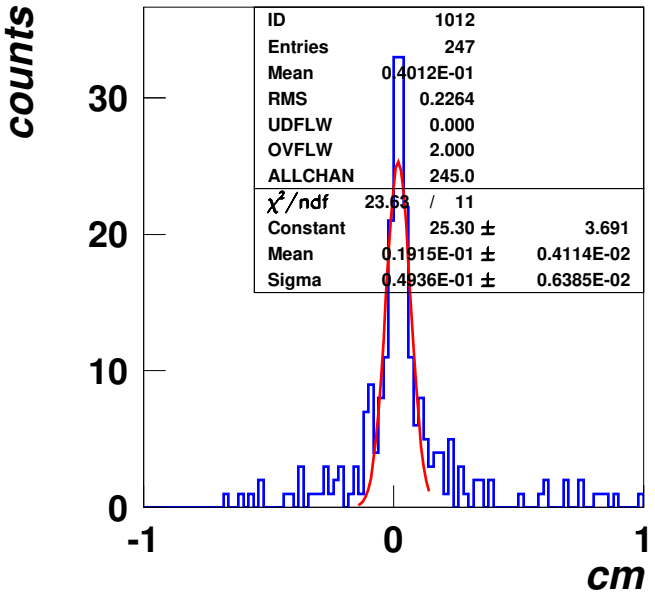



1st (up) OSIM X side

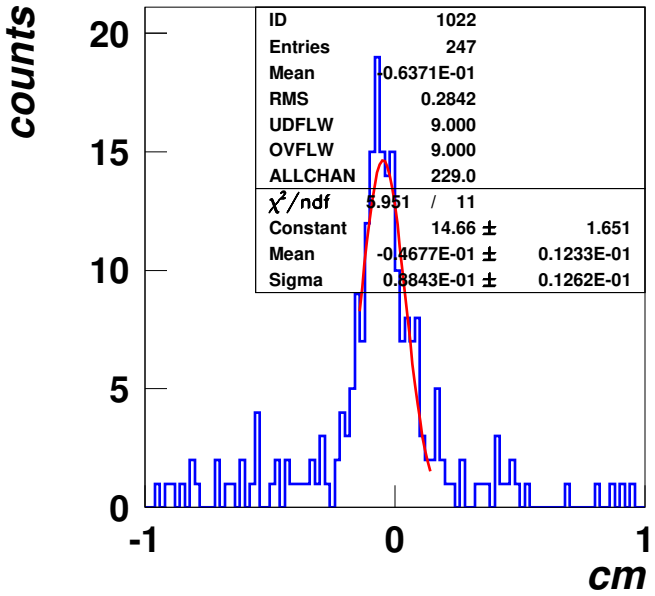



1st (up) OSIM Y side

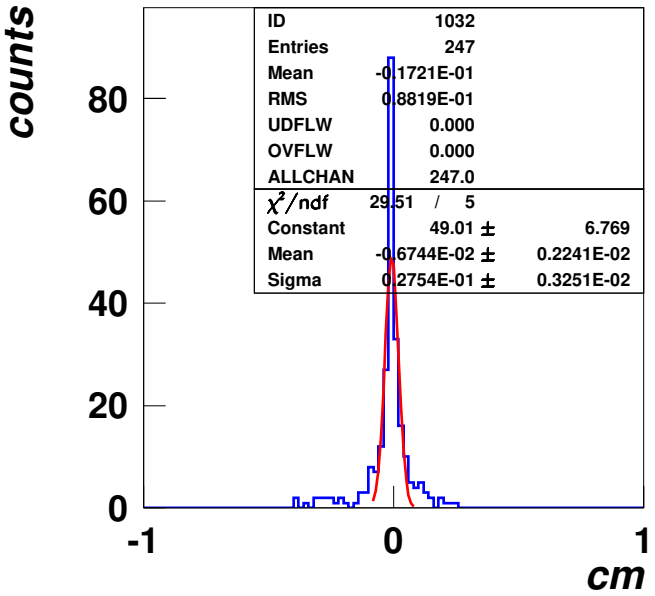
# *Residuals on OSIM - module 10*



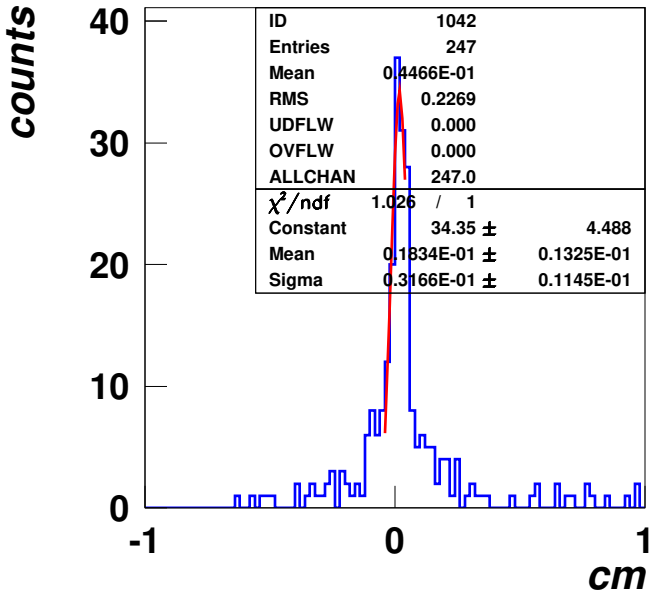

$2^{nd}$ (down) OSIM – Φ side




$2^{nd}$ (down) OSIM Z side

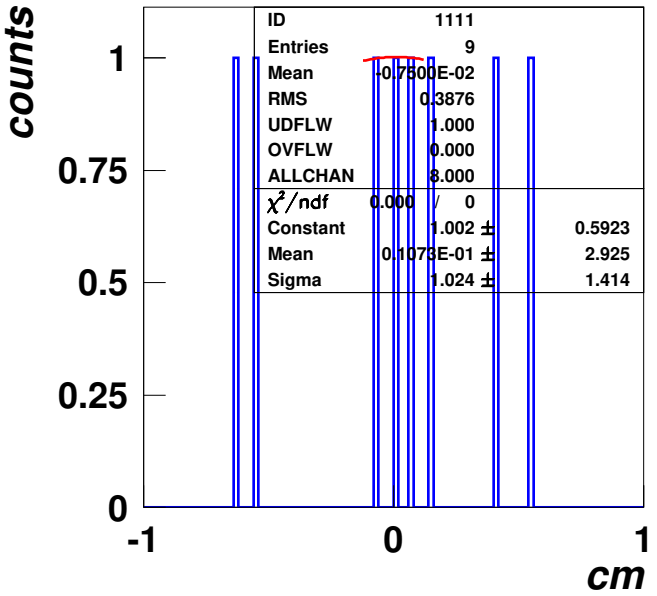



$2^{nd}$ (down) OSIM X side

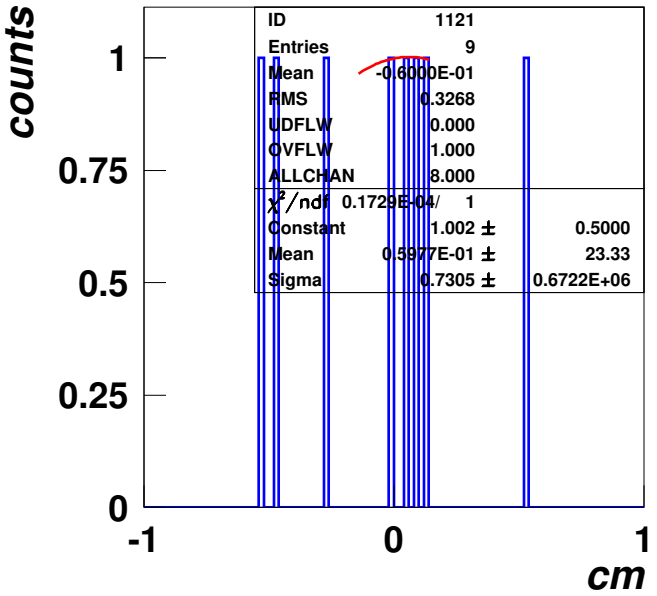



$2^{nd}$ (down) OSIM Y side

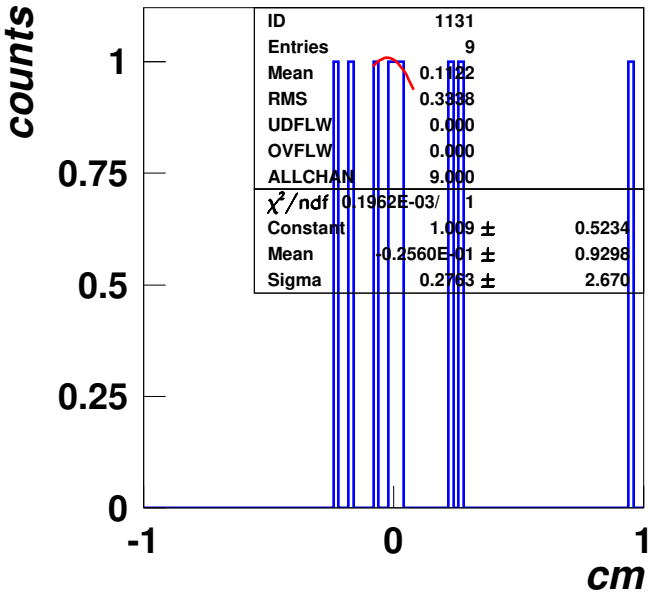
# *Residuals on ISIM - module 1*



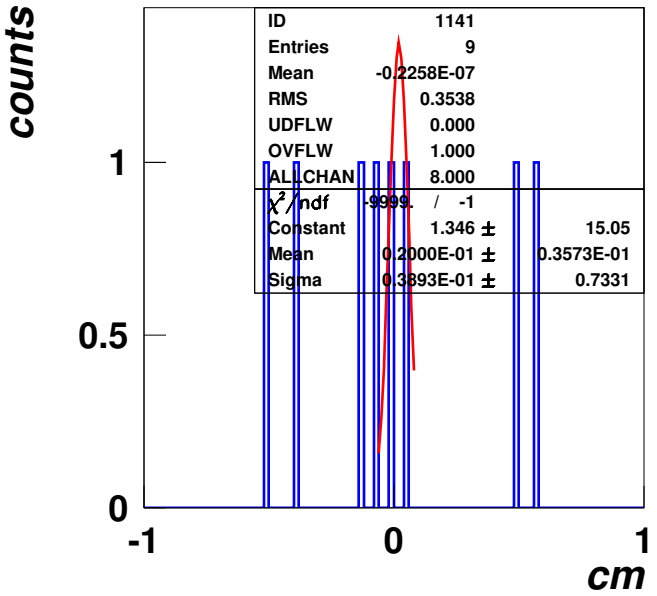

1st (up) ISIM – Φ side




1st (up) ISIM – Z side

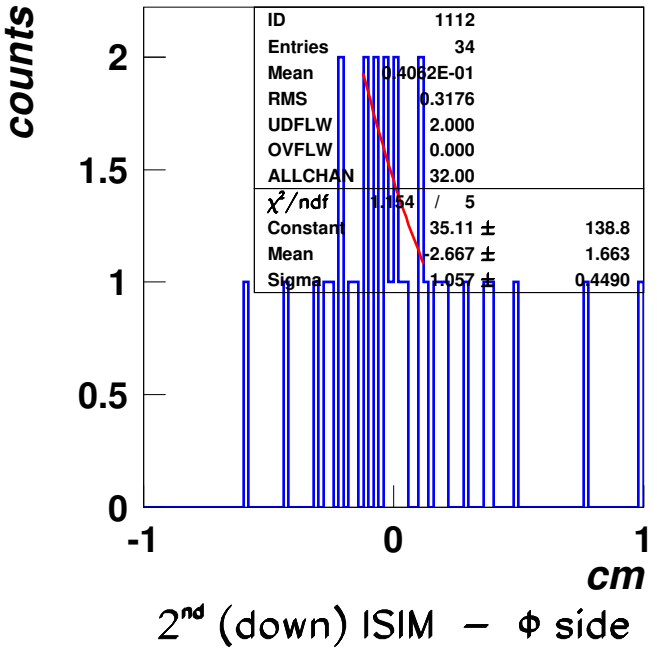



1st (up) ISIM – X side

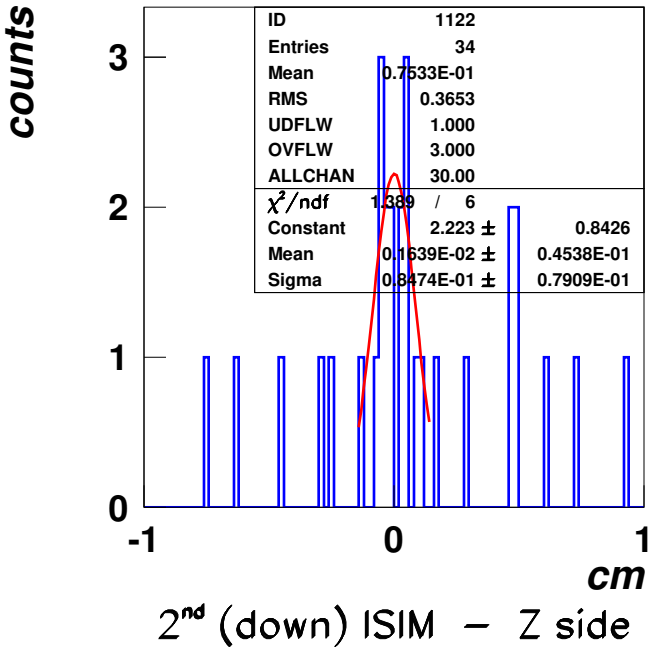



1st (up) ISIM – Y side

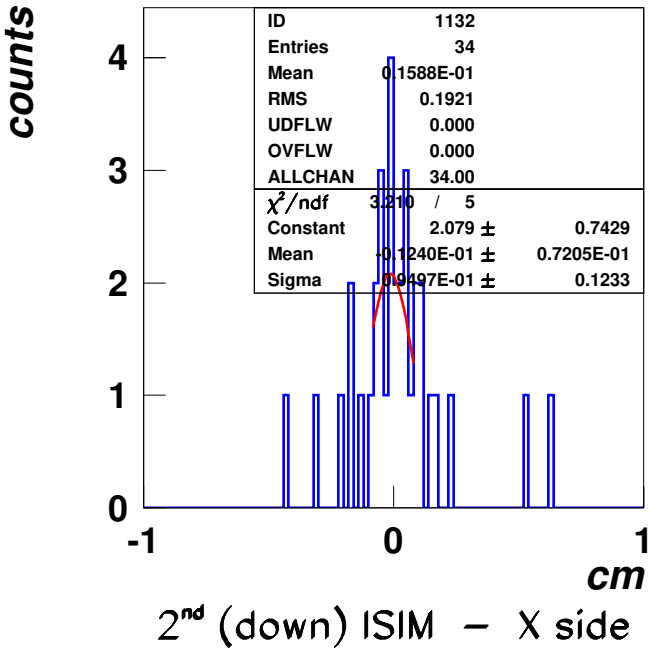
# *Residuals on ISIM - module 1*



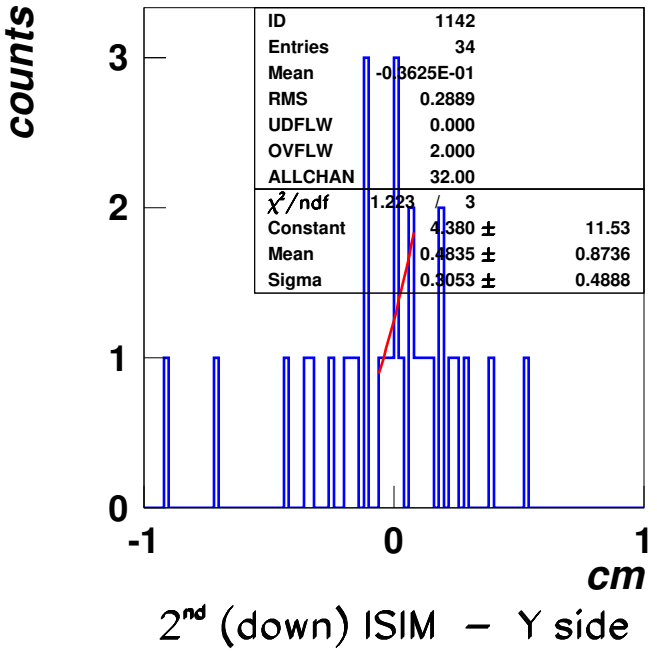

2nd (down) ISIM – Φ side




2nd (down) ISIM – Z side

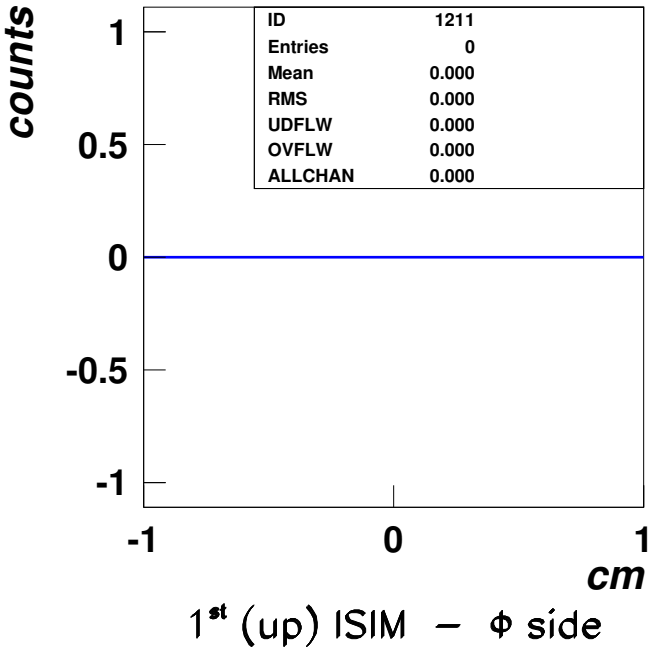



2nd (down) ISIM – X side

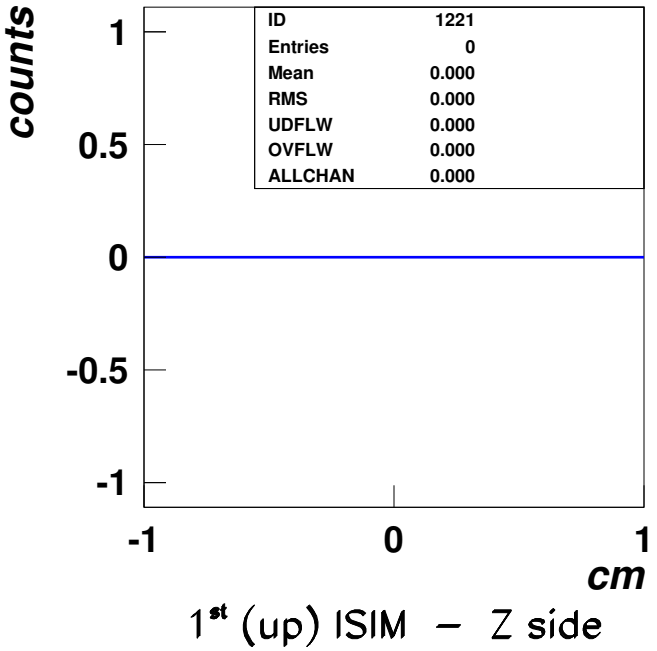



2nd (down) ISIM – Y side

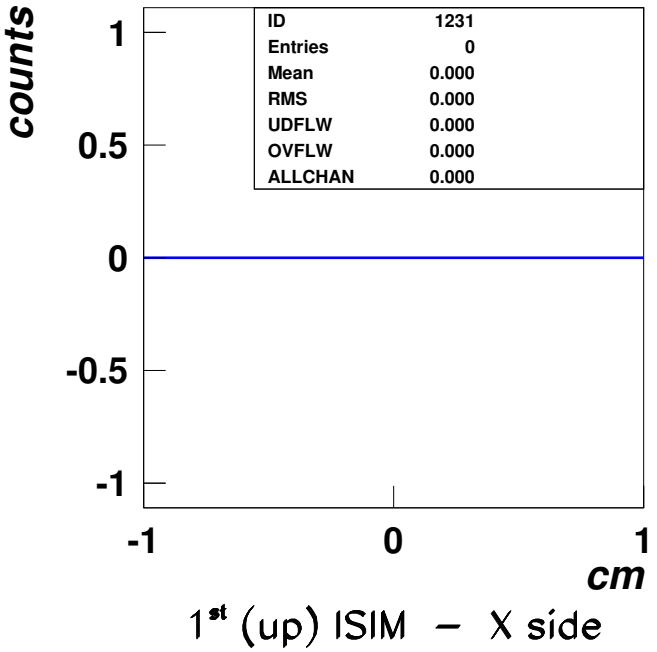
# *Residuals on ISIM - module 2*



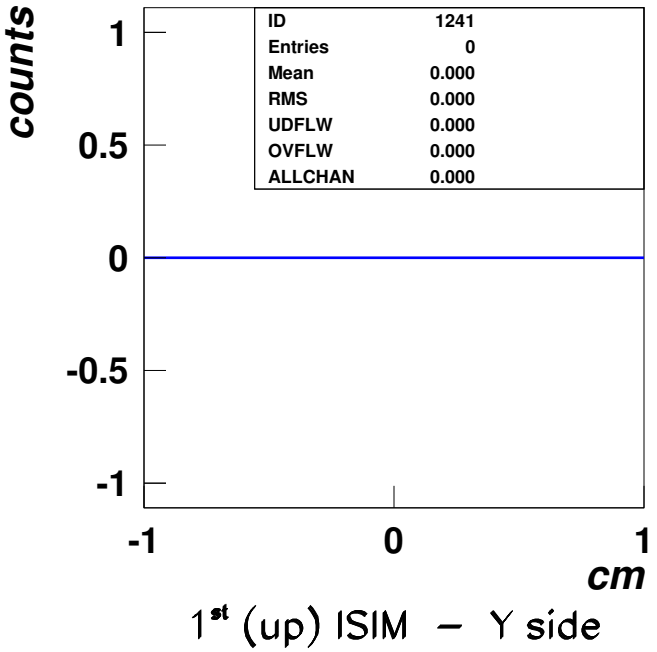

1st (up) ISIM – Φ side




1st (up) ISIM – Z side

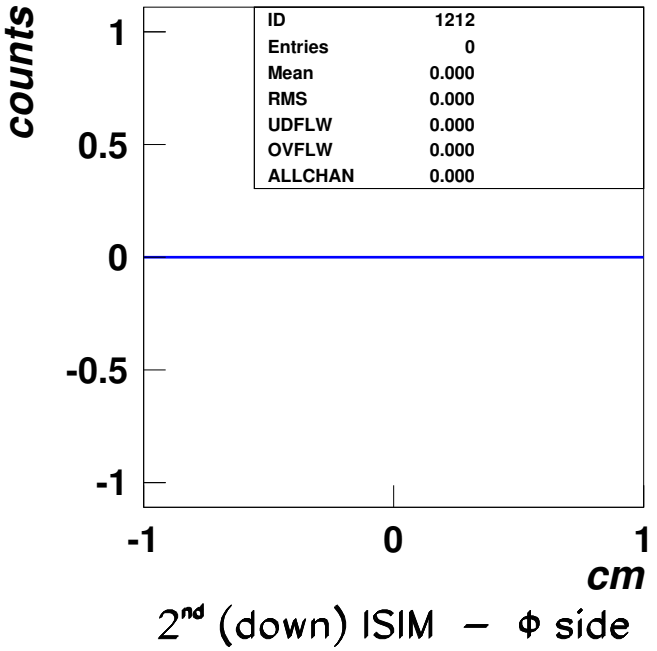



1st (up) ISIM – X side

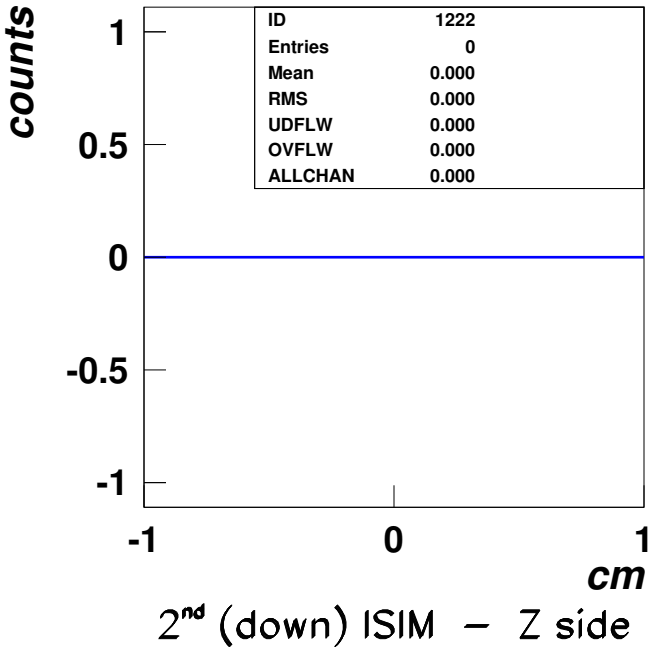



1st (up) ISIM – Y side

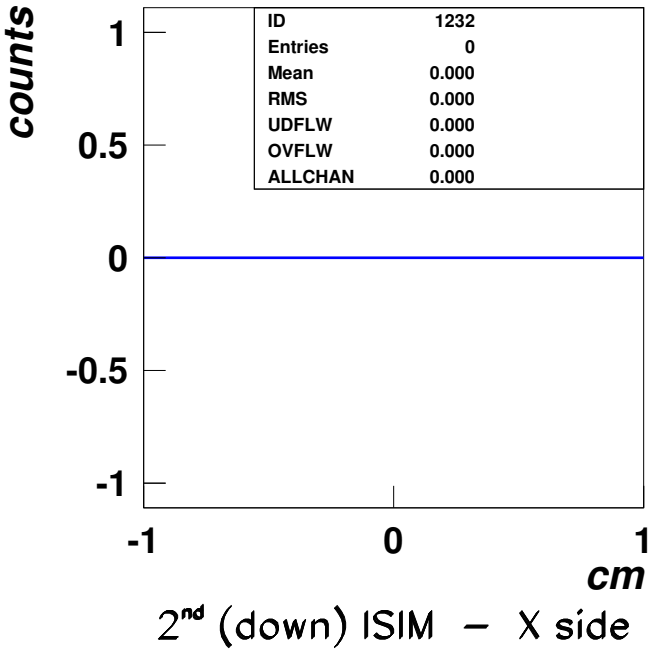
# *Residuals on ISIM - module 2*



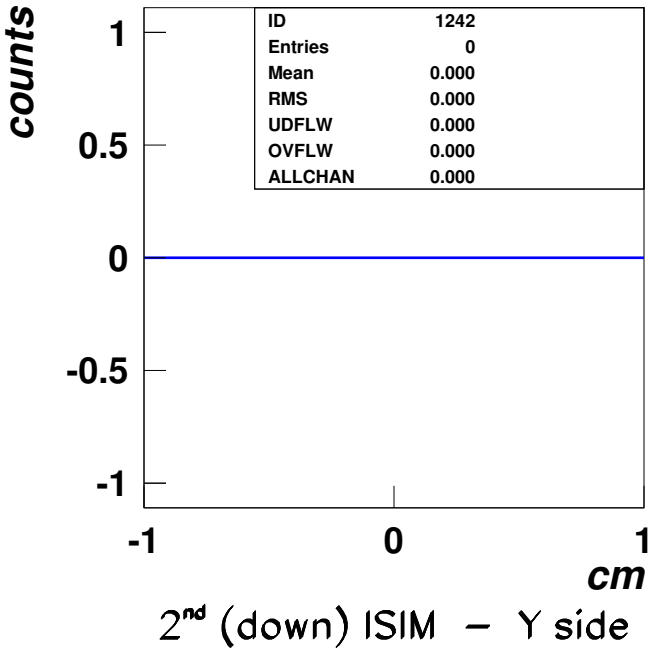

2nd (down) ISIM – Φ side




2nd (down) ISIM – Z side

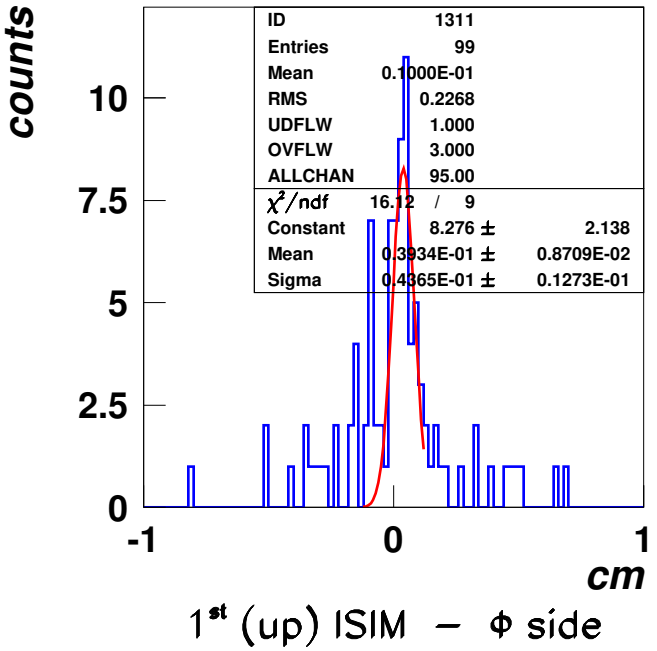



2nd (down) ISIM – X side

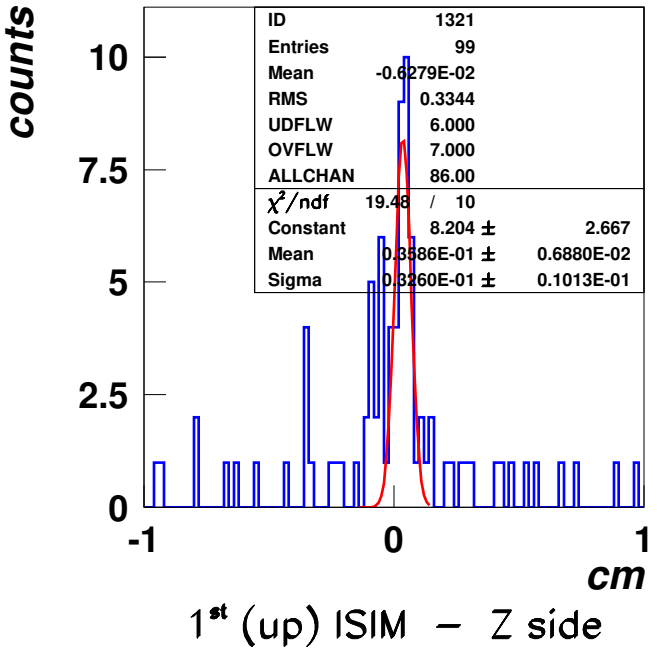



2nd (down) ISIM – Y side

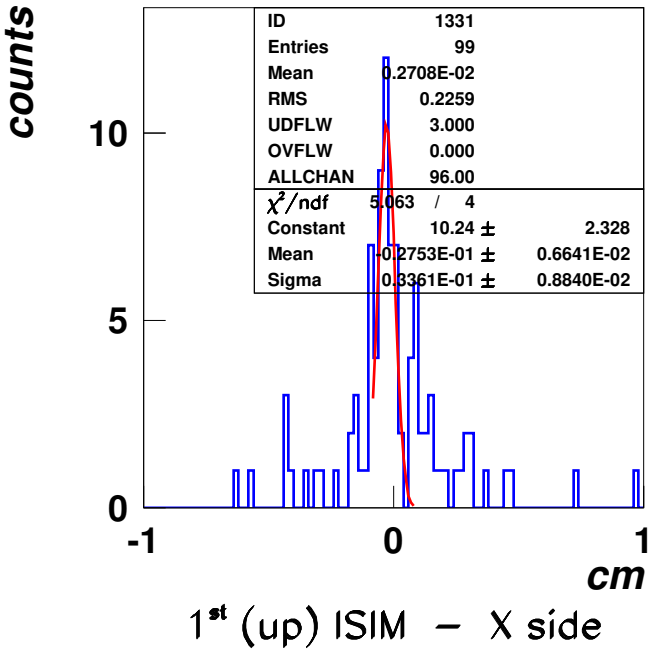
# *Residuals on ISIM - module 3*



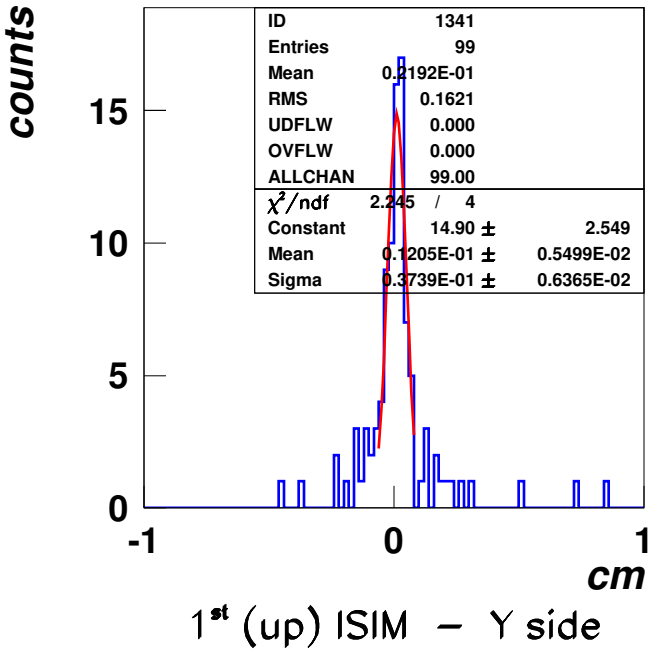

1st (up) ISIM – Φ side




1st (up) ISIM – Z side

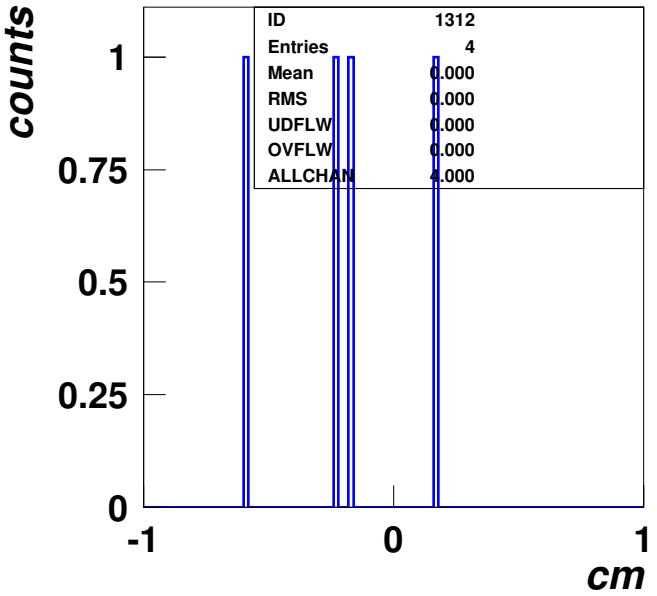



1st (up) ISIM – X side

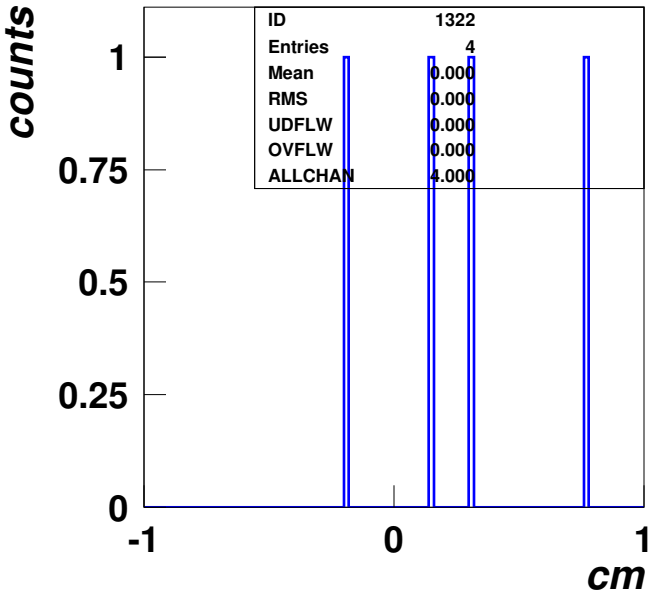



1st (up) ISIM – Y side

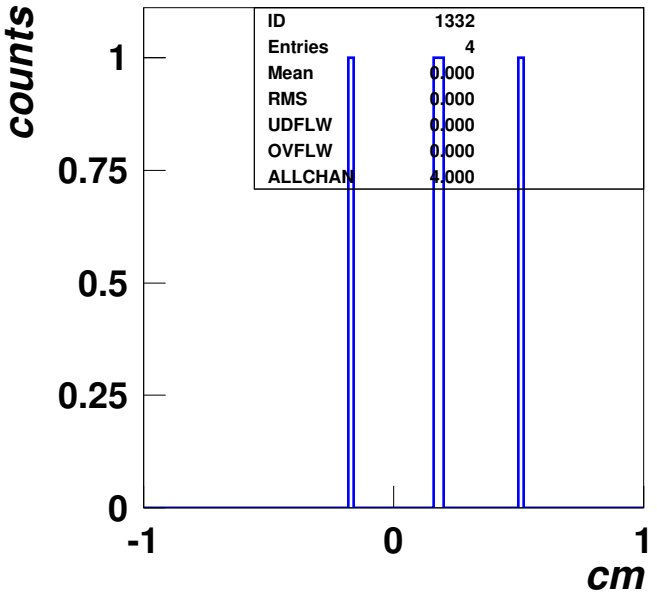
# *Residuals on ISIM - module 3*



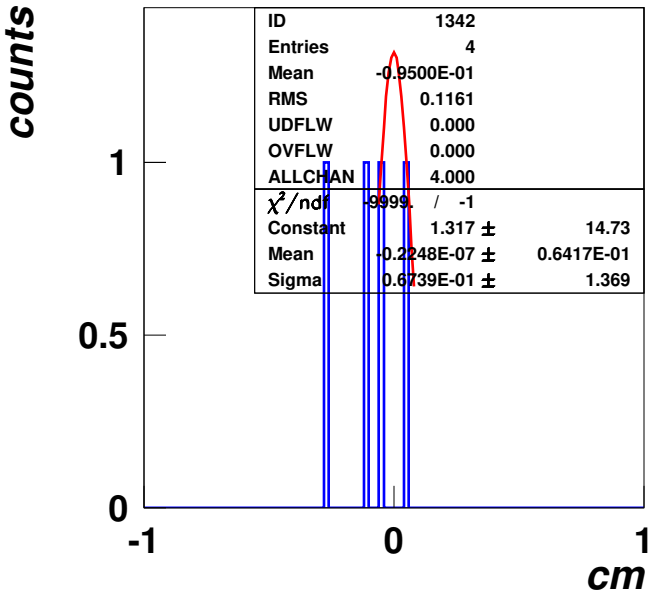

2nd (down) ISIM – Φ side




2nd (down) ISIM – Z side

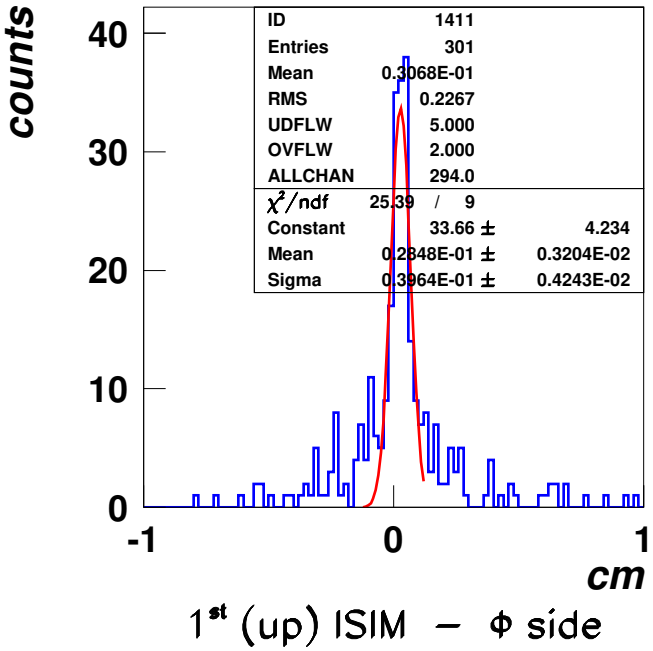



2nd (down) ISIM – X side

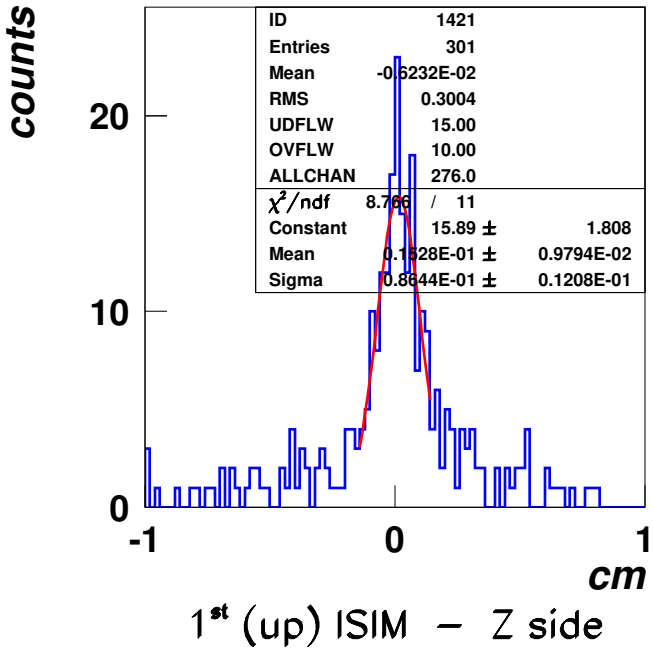



2nd (down) ISIM – Y side

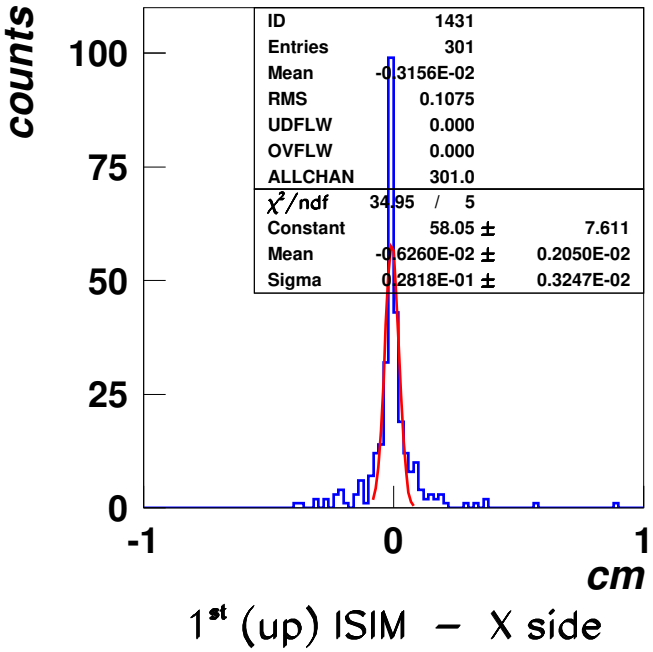
# *Residuals on ISIM - module 4*



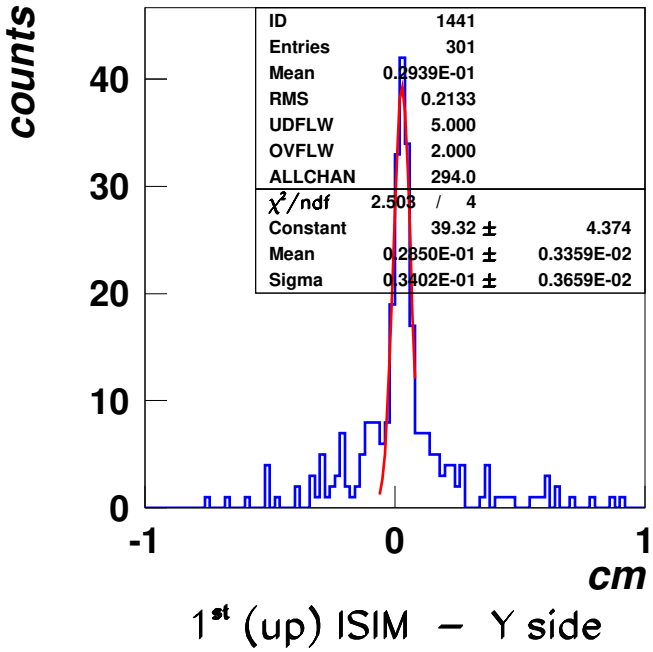

1st (up) ISIM – Φ side




1st (up) ISIM – Z side

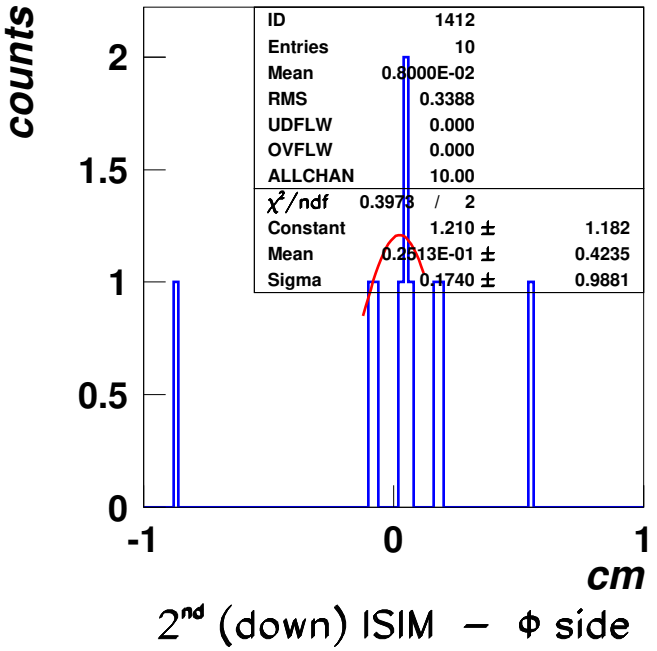



1st (up) ISIM – X side

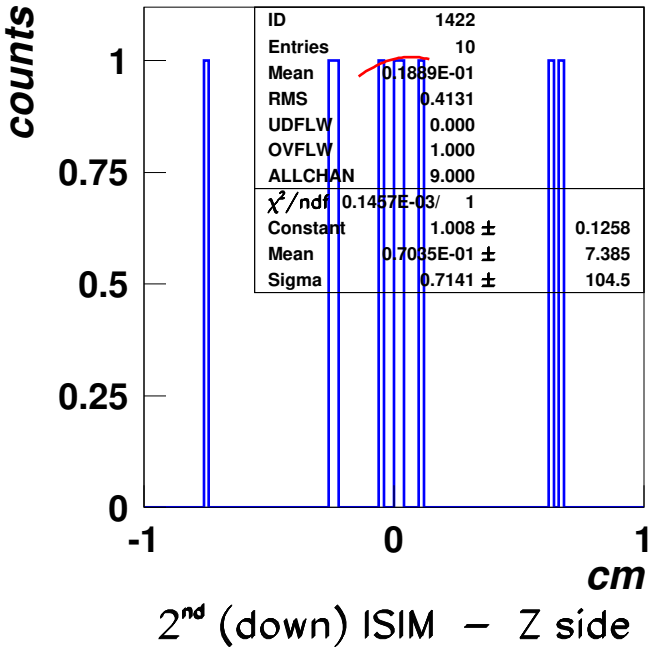



1st (up) ISIM – Y side

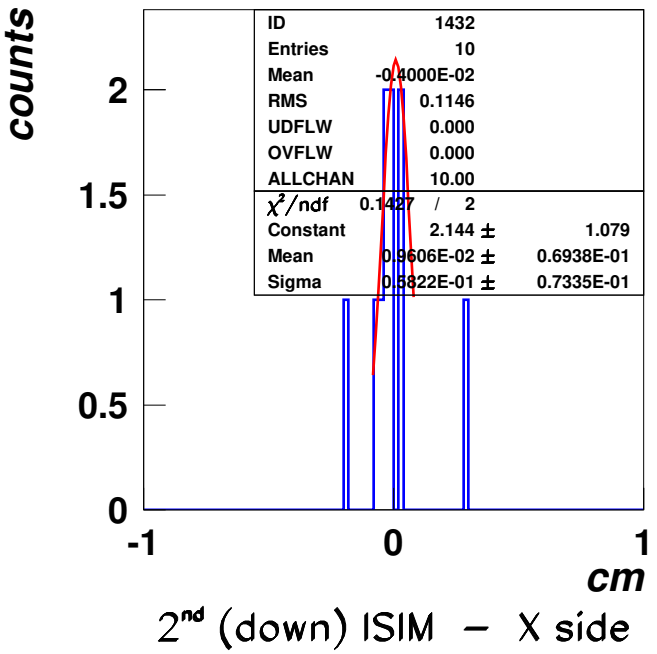
# *Residuals on ISIM - module 4*



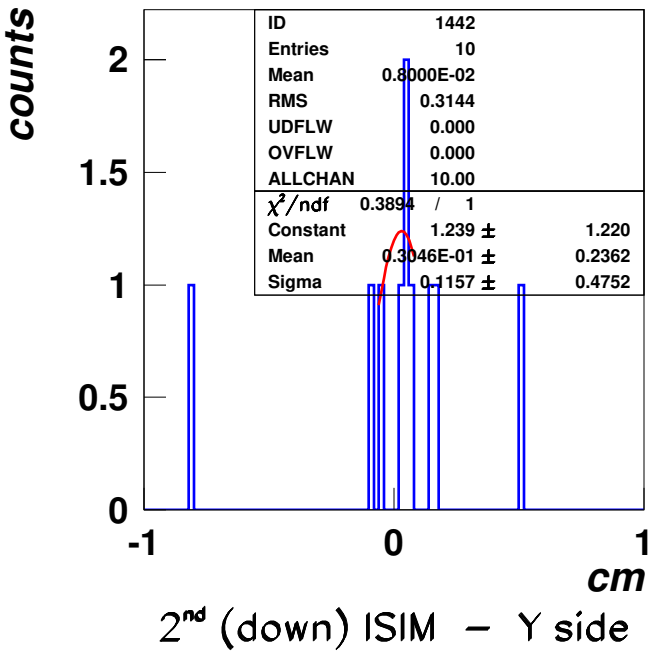

2nd (down) ISIM – Φ side




2nd (down) ISIM – Z side

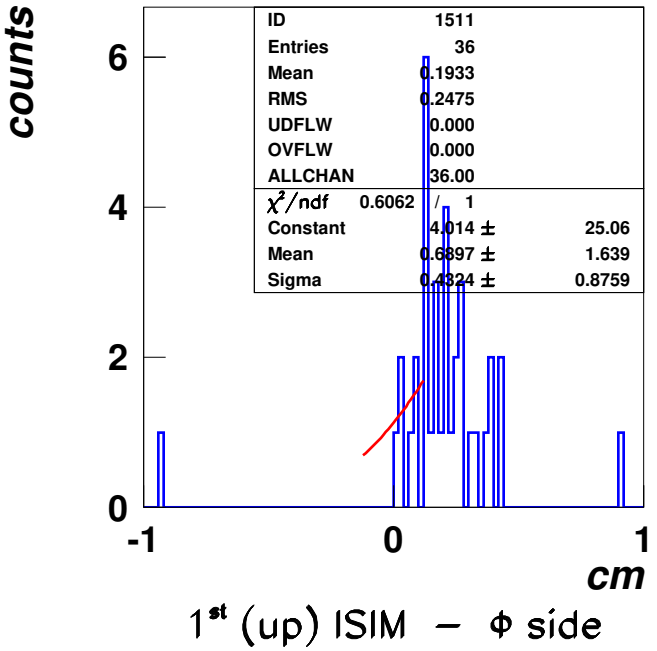



2nd (down) ISIM – X side

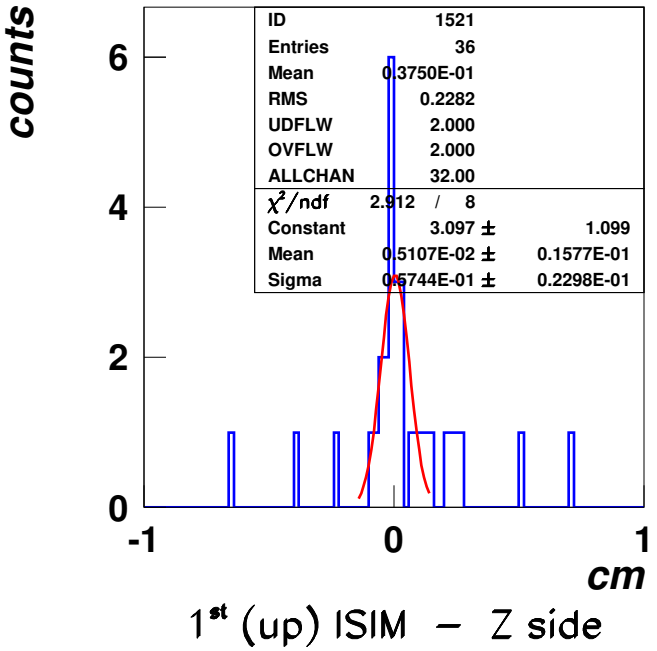



2nd (down) ISIM – Y side

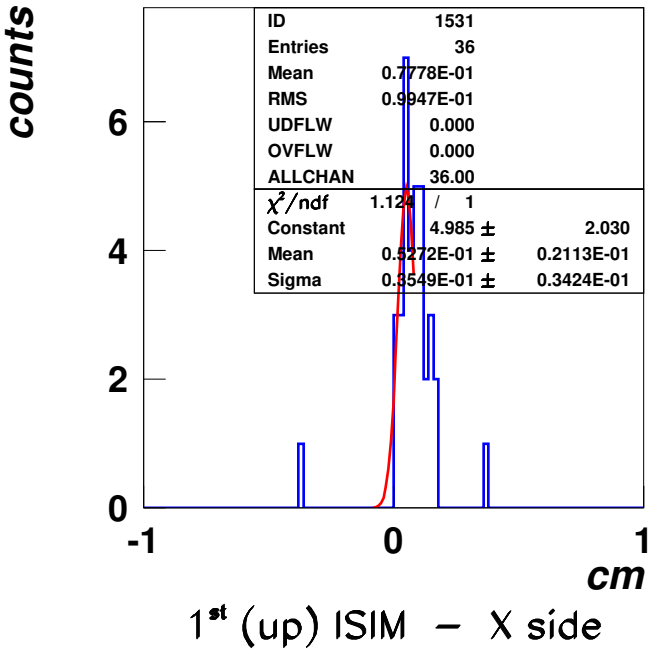
# *Residuals on ISIM - module 5*



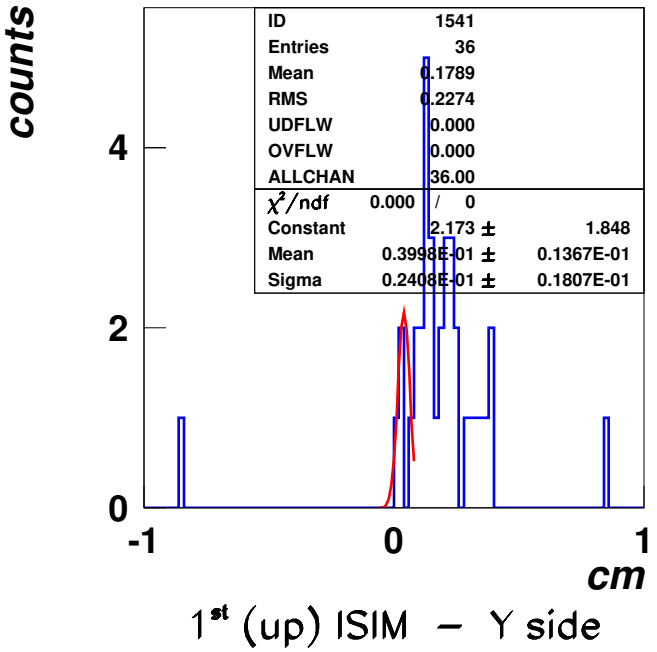

1st (up) ISIM – Φ side




1st (up) ISIM – Z side

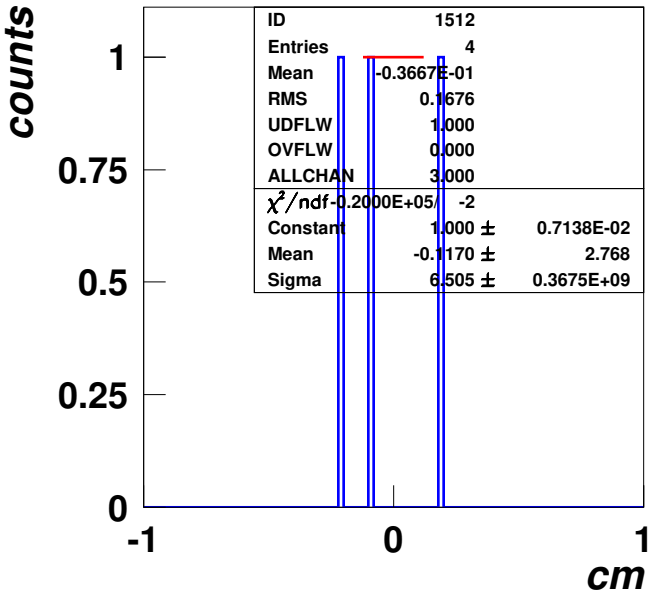



1st (up) ISIM – X side

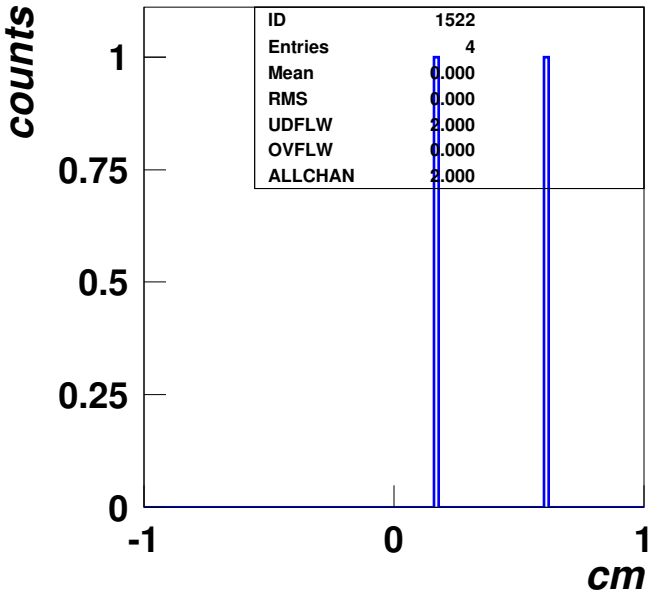



1st (up) ISIM – Y side

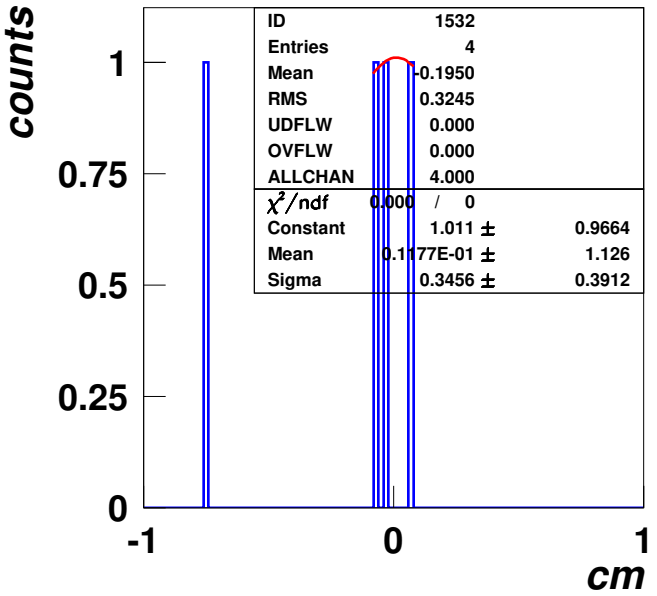
# *Residuals on ISIM - module 5*



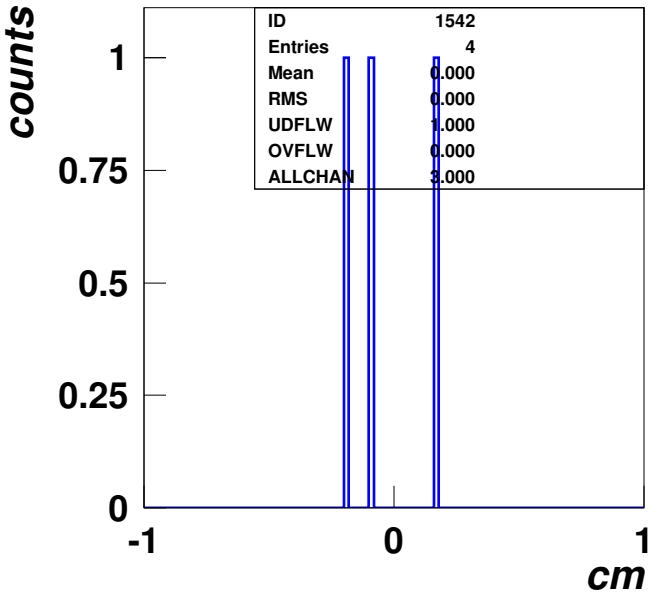

$2^{nd}$ (down) ISIM – Φ side




$2^{nd}$ (down) ISIM – Z side

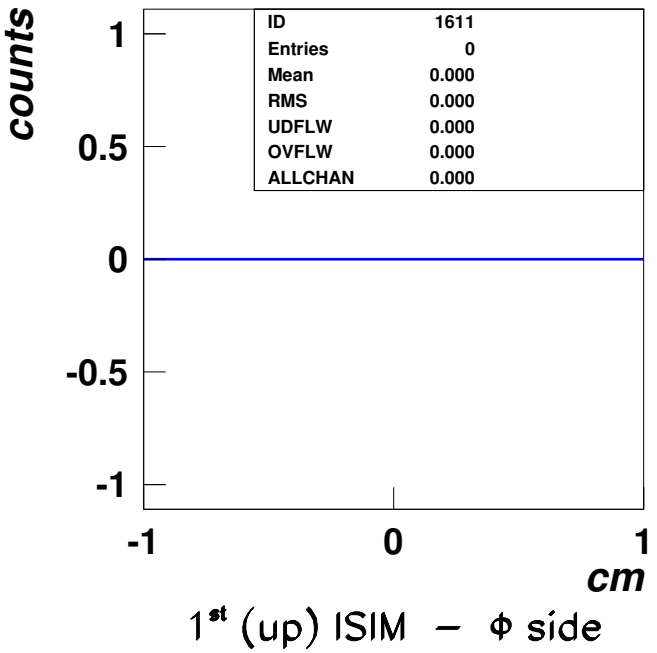


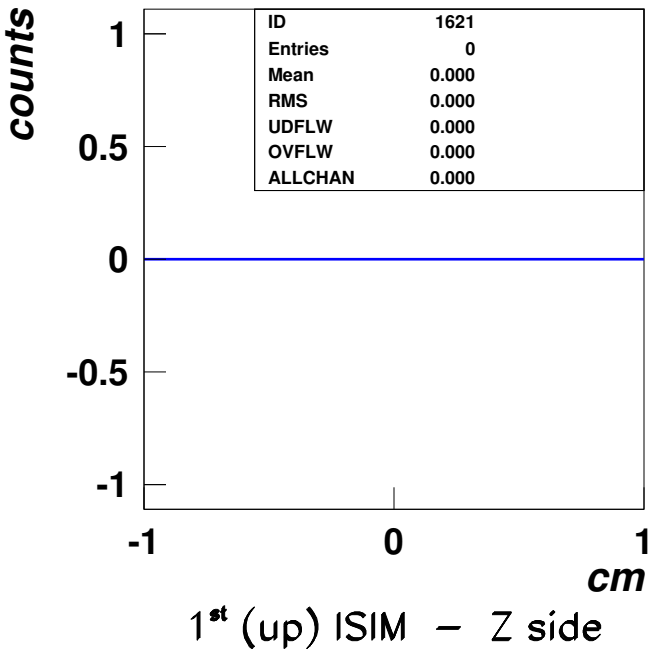

$2^{nd}$ (down) ISIM – X side

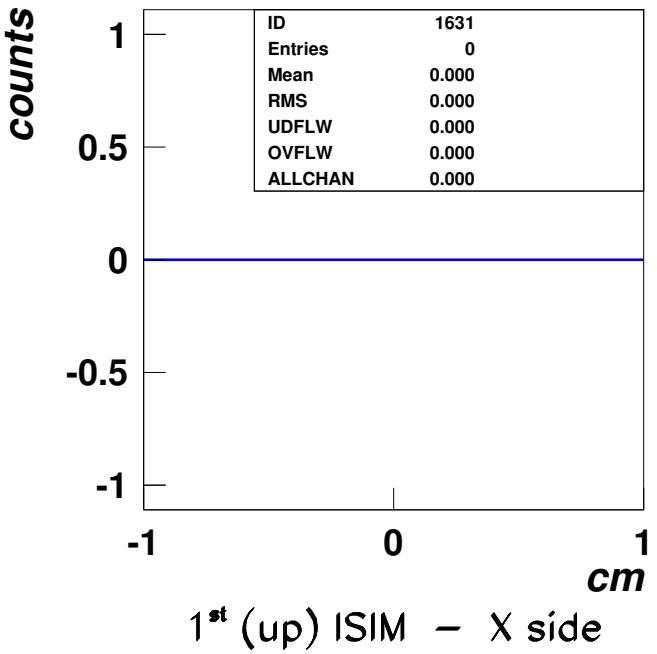


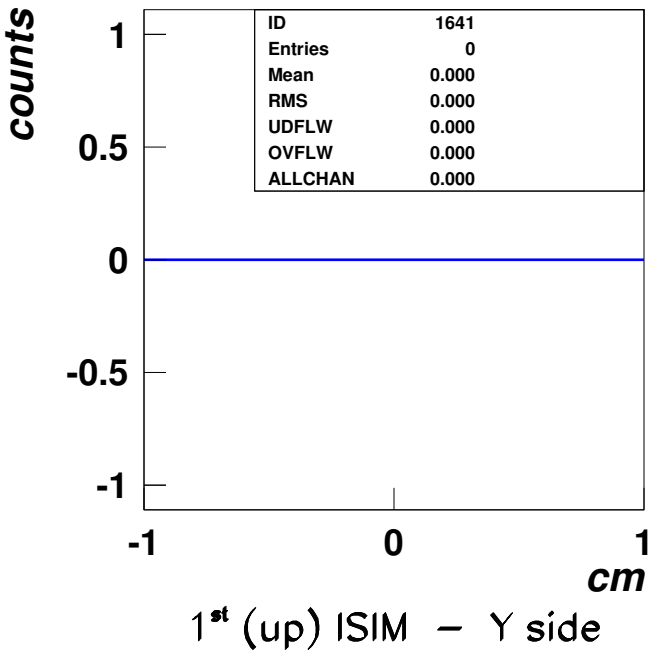

$2^{nd}$ (down) ISIM – Y side

# *Residuals on ISIM - module 6*

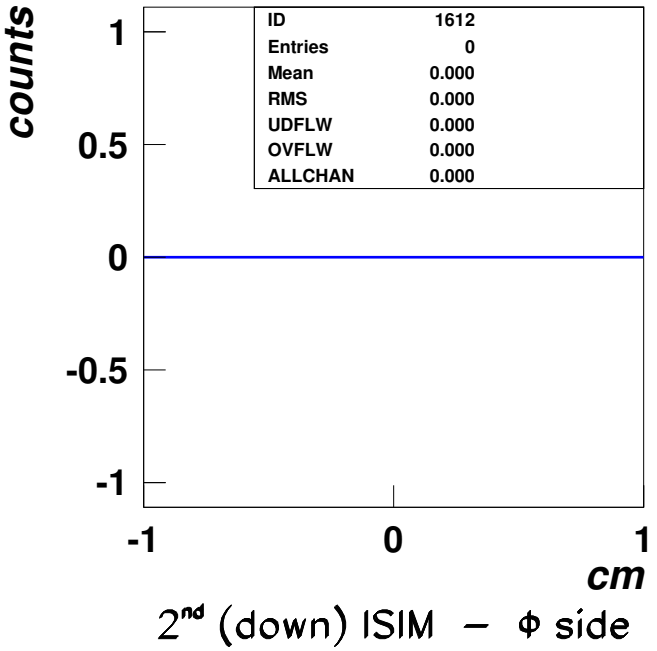


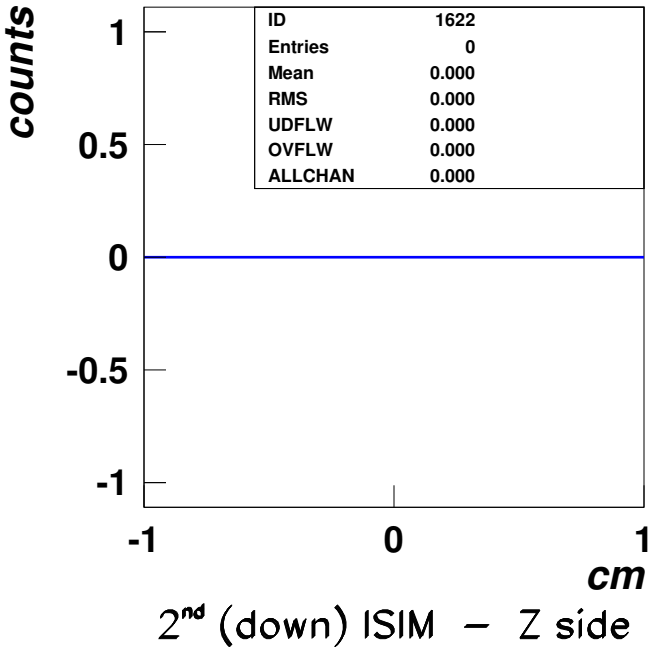



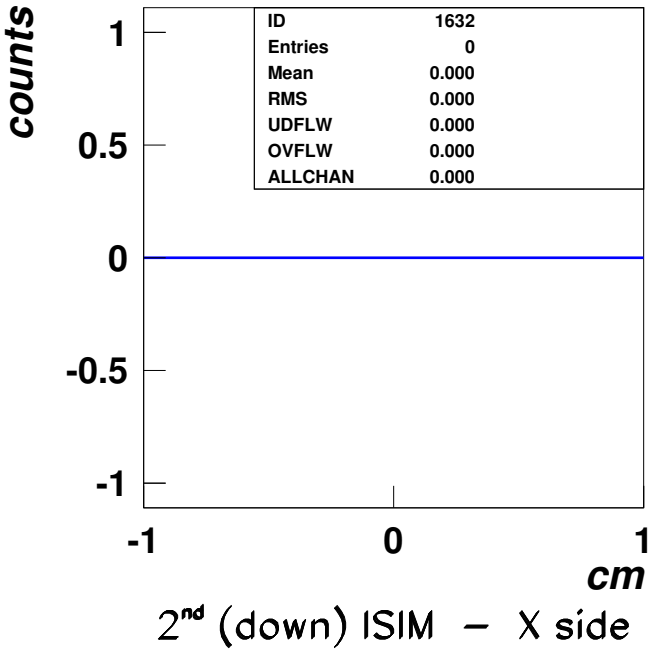
# *Residuals on ISIM - module 6*



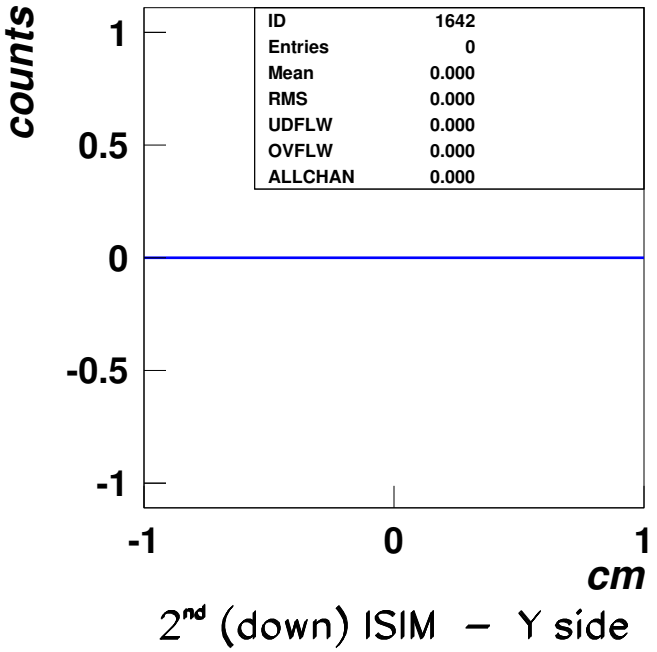

2nd (down) ISIM – Φ side




2nd (down) ISIM – Z side

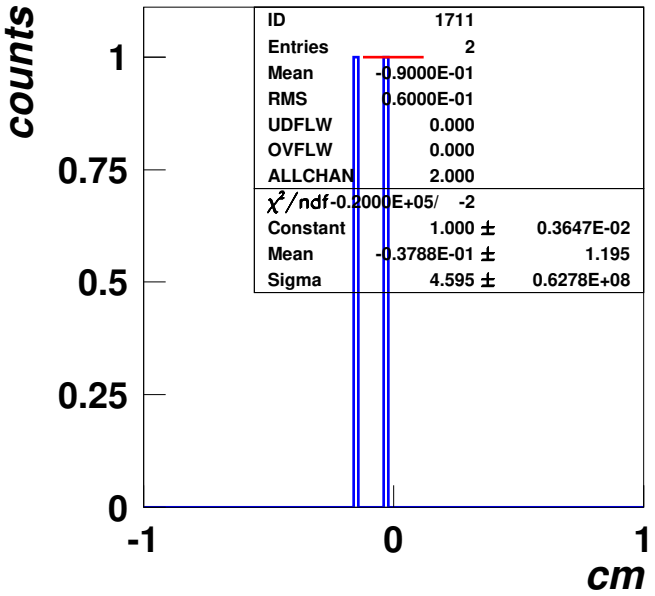



2nd (down) ISIM – X side

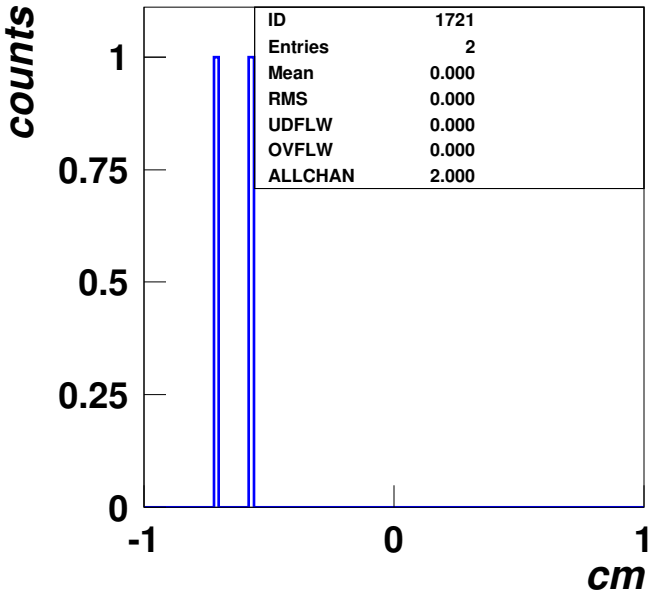



2nd (down) ISIM – Y side

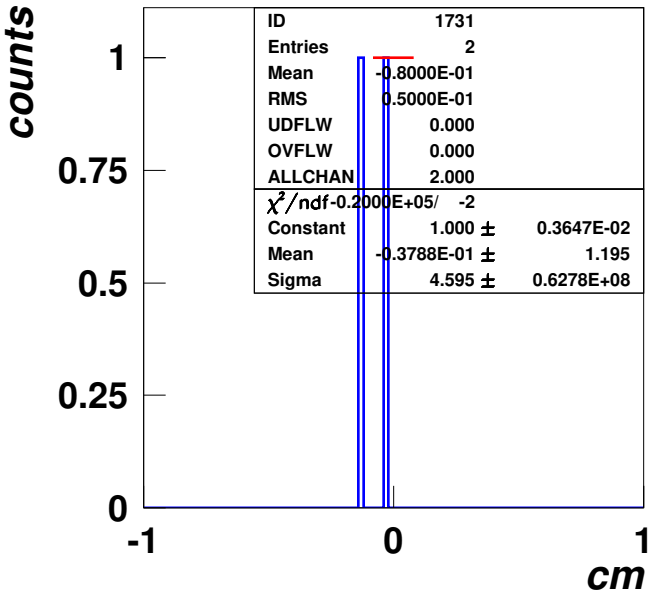
# *Residuals on ISIM - module 7*



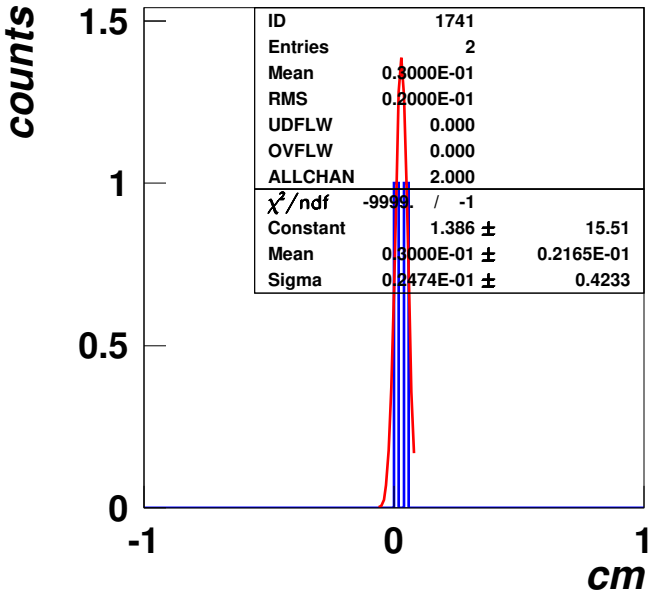

1st (up) ISIM – Φ side




1st (up) ISIM – Z side

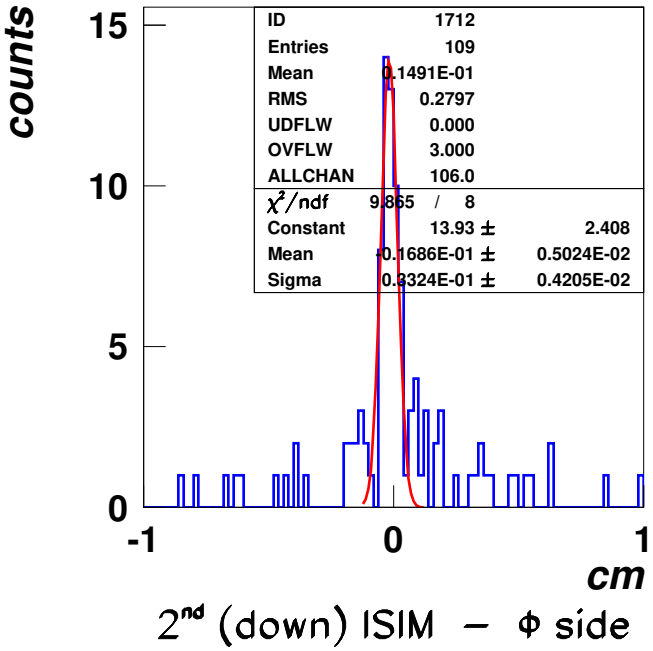



1st (up) ISIM – X side

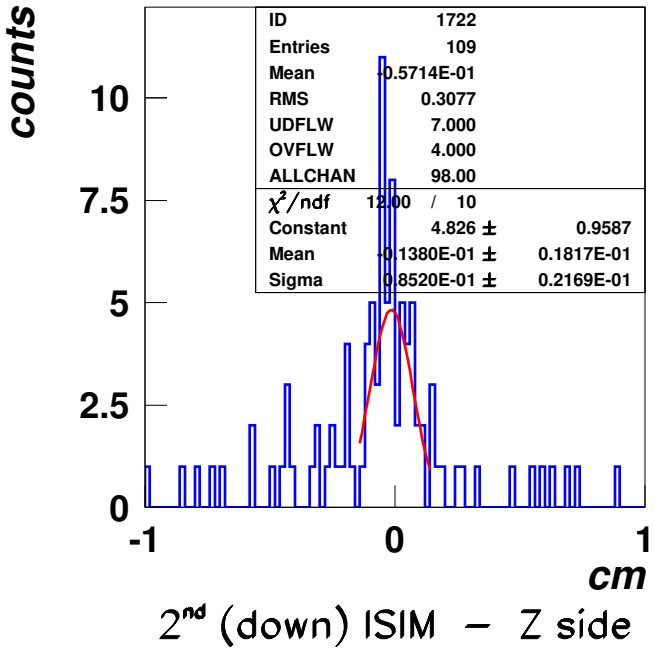



1st (up) ISIM – Y side

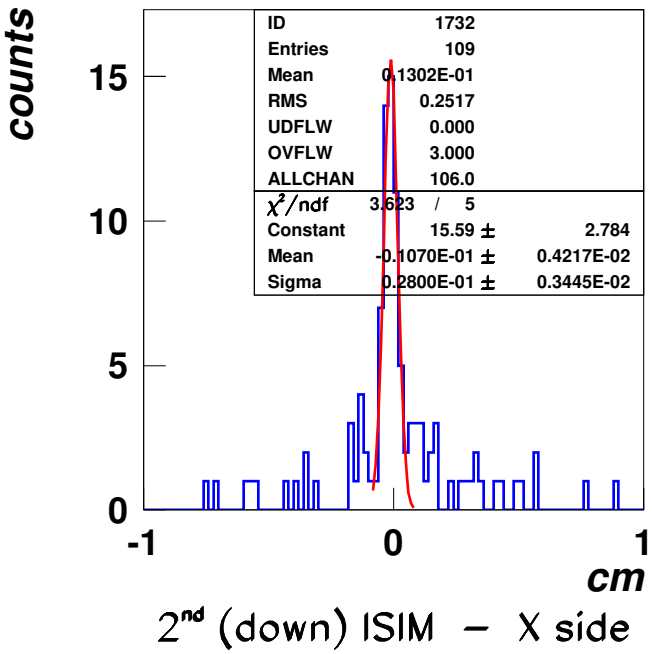
# *Residuals on ISIM - module 7*



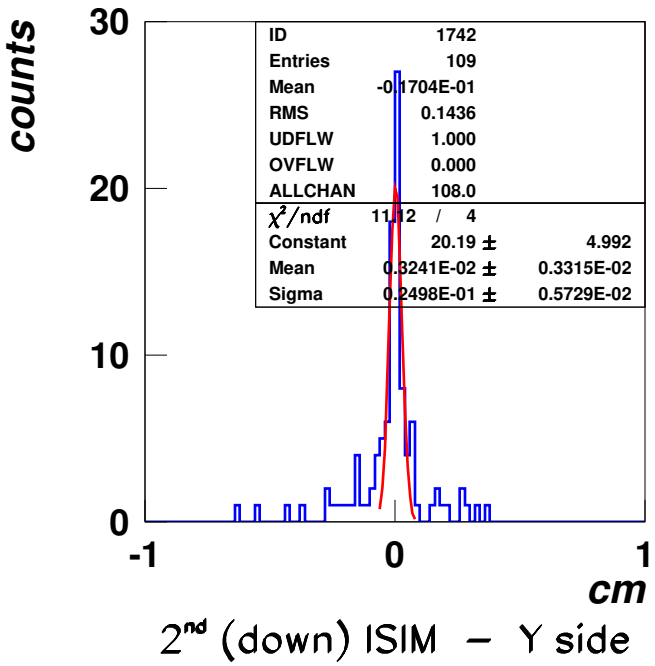

2nd (down) ISIM – Φ side




2nd (down) ISIM – Z side

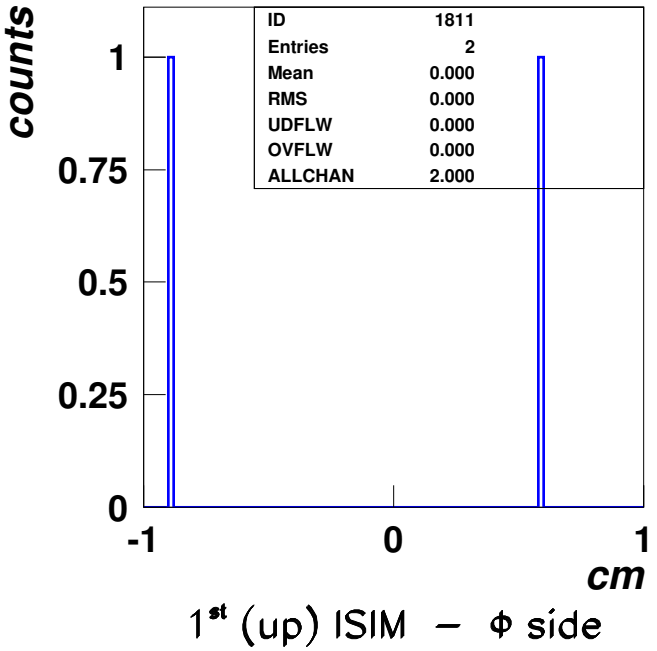



2nd (down) ISIM – X side

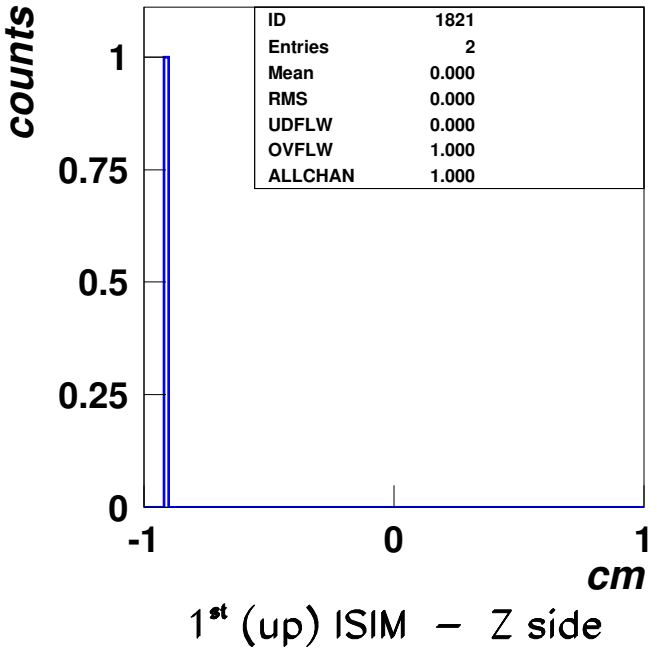



2nd (down) ISIM – Y side

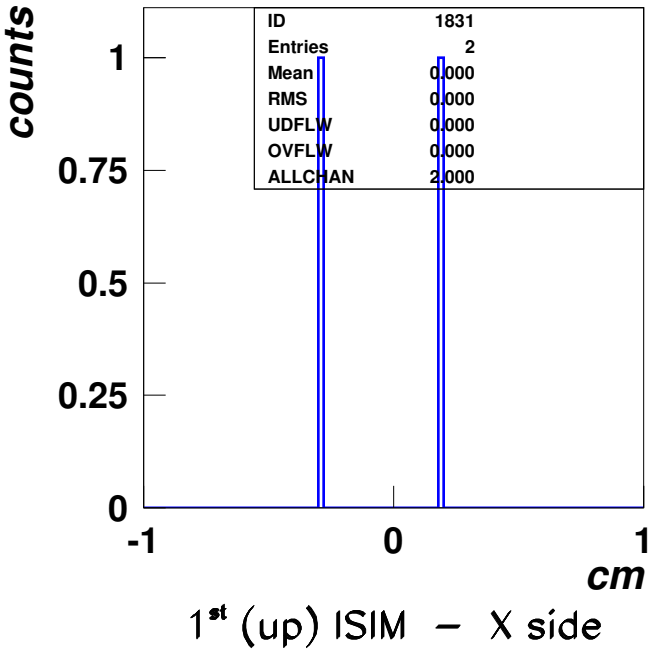
# *Residuals on ISIM - module 8*



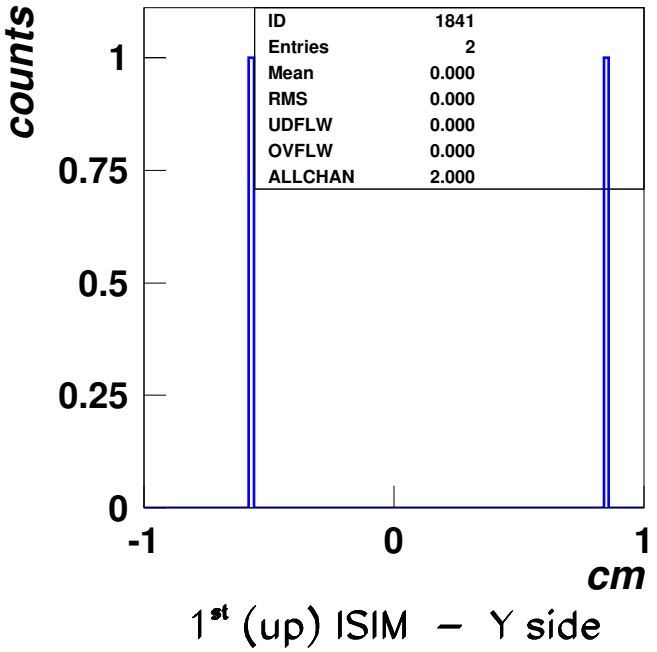

1st (up) ISIM – Φ side




1st (up) ISIM – Z side

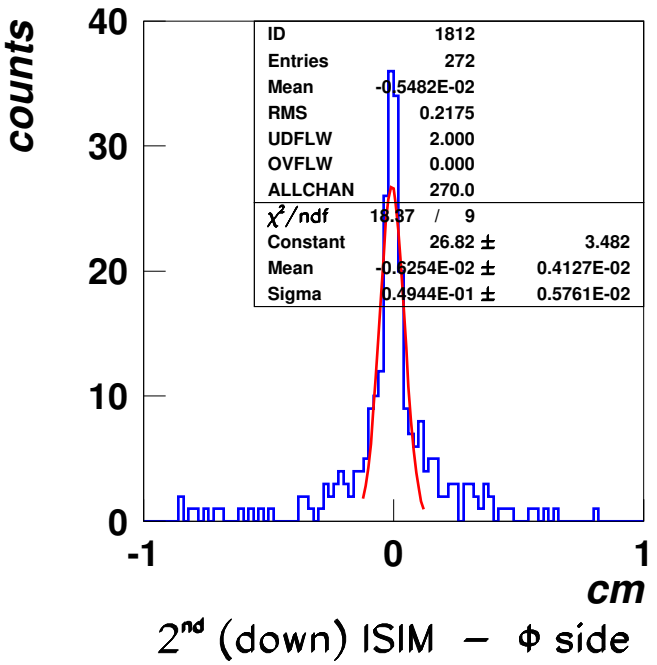



1st (up) ISIM – X side

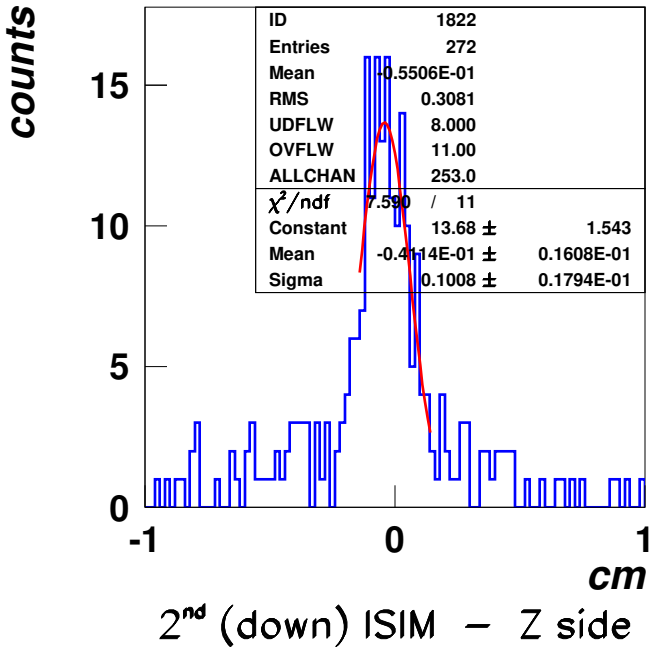



1st (up) ISIM – Y side

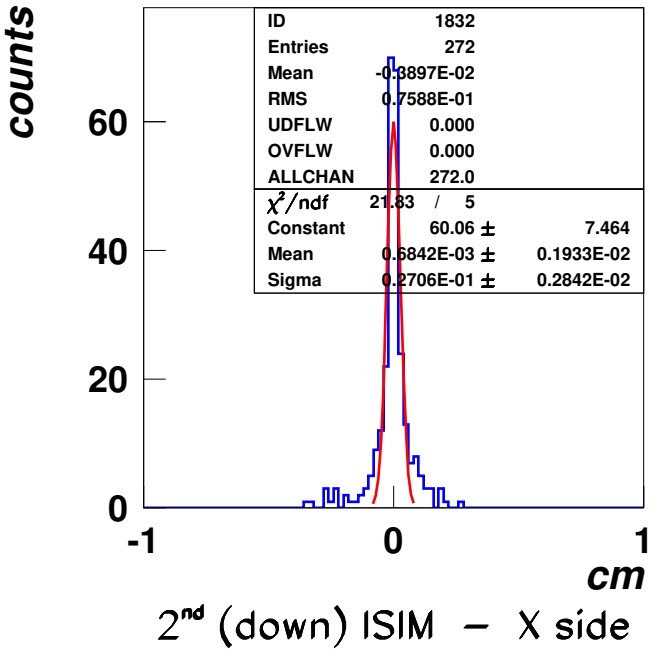
# *Residuals on ISIM - module 8*



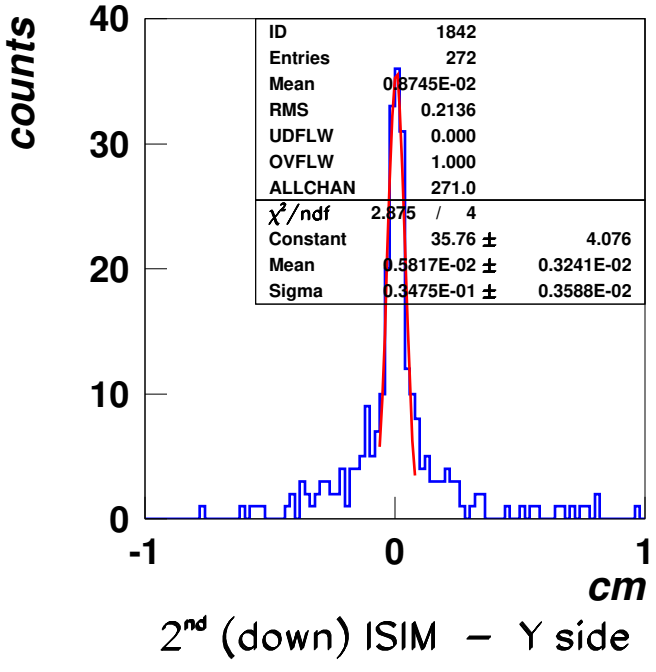

2nd (down) ISIM – Φ side




2nd (down) ISIM – Z side




2nd (down) ISIM – X side




2nd (down) ISIM – Y side