Resolution vs φ angle
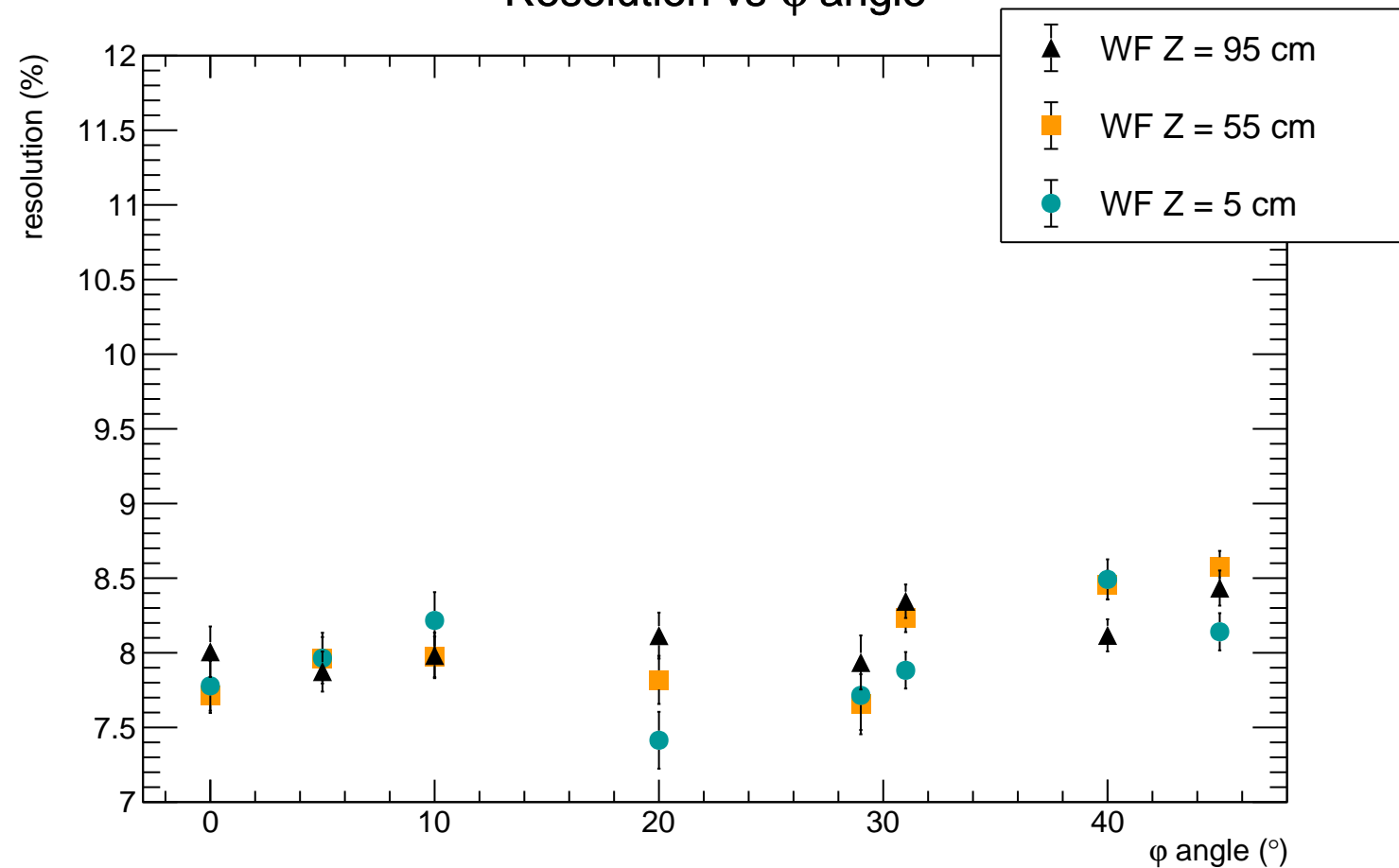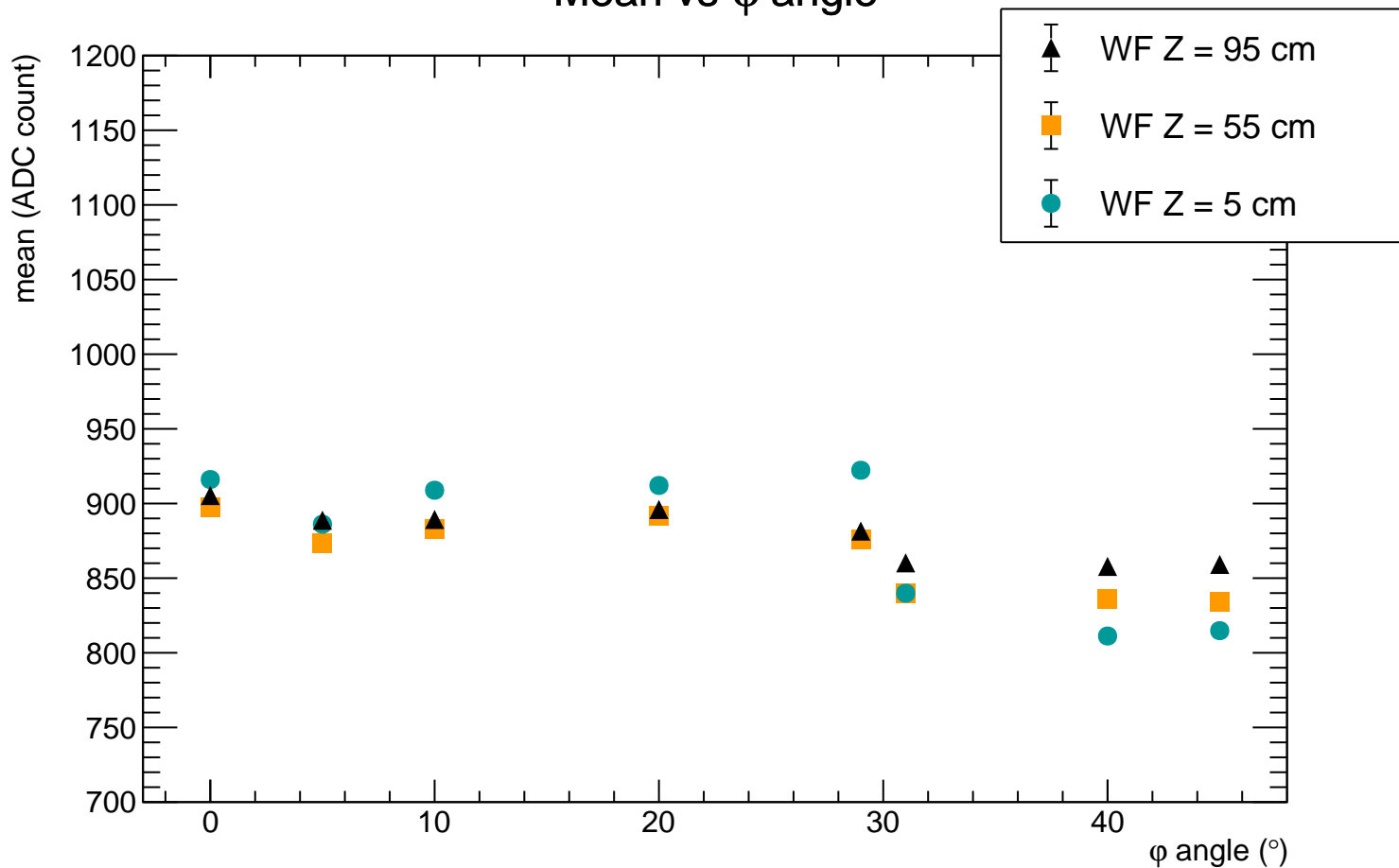
Mean vs φ angle

Std vs φ angle