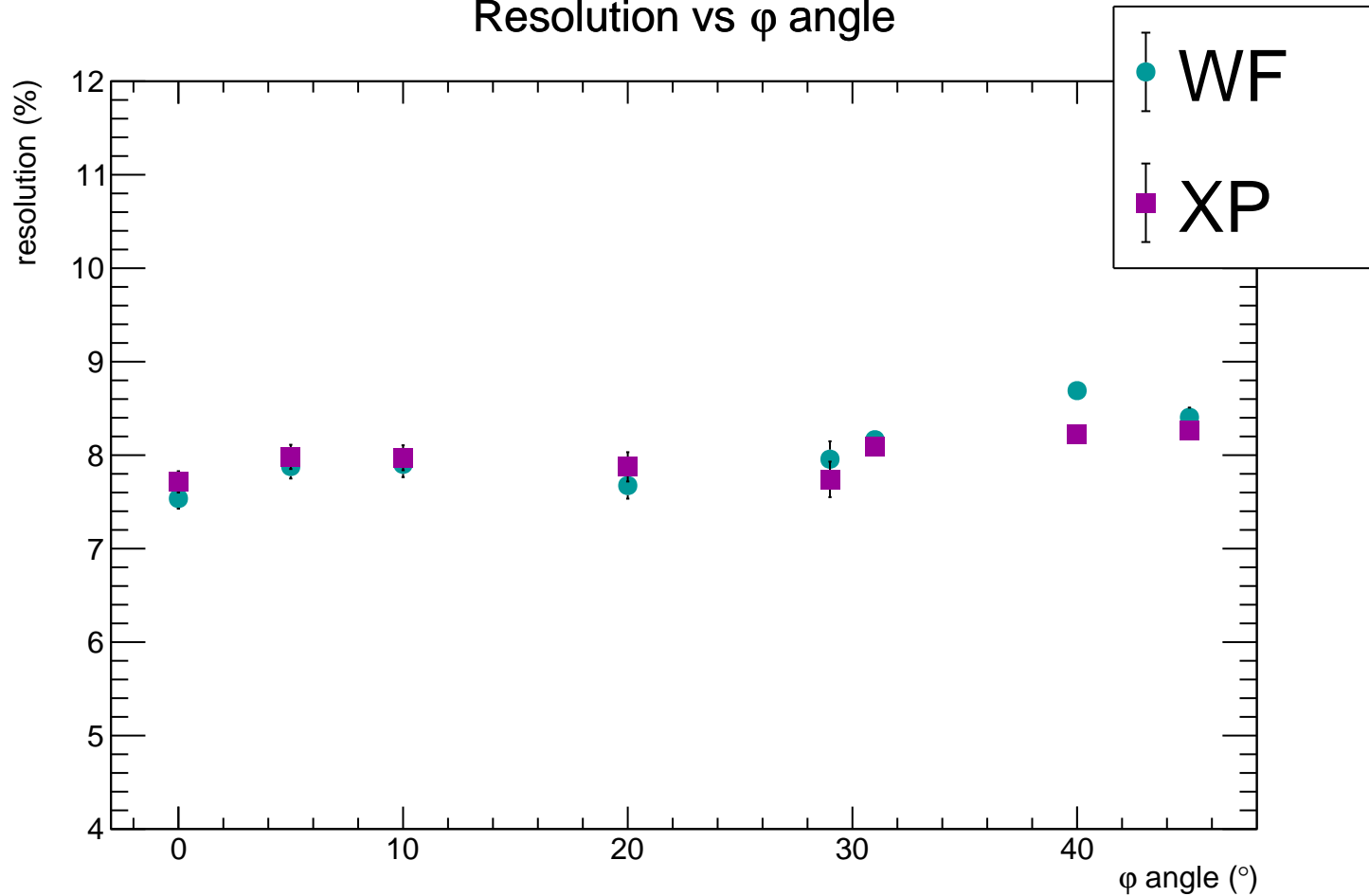
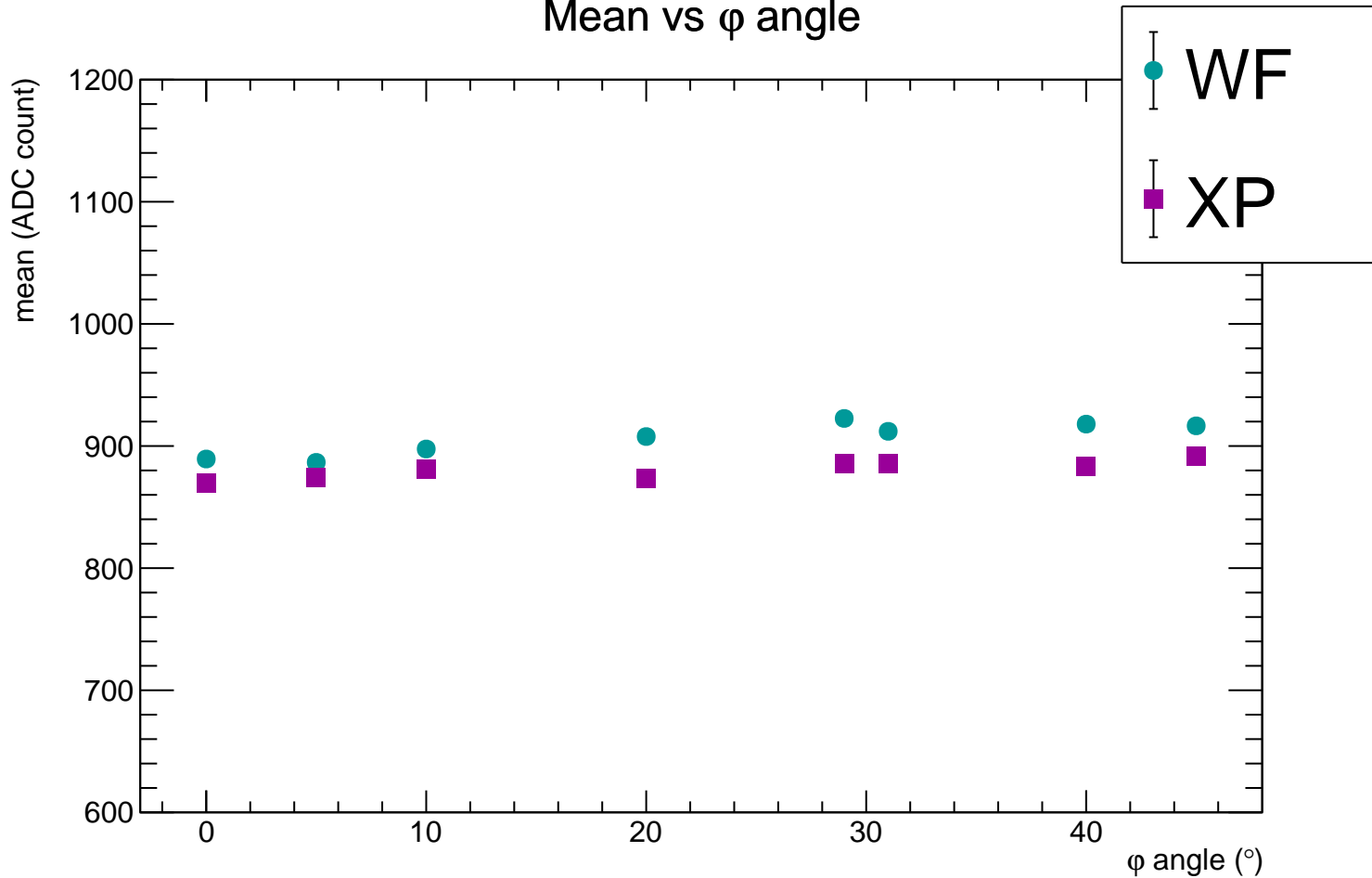


Resolution vs  $\phi$  angle



Mean vs  $\phi$  angle



Standard deviation vs  $\phi$  angle

