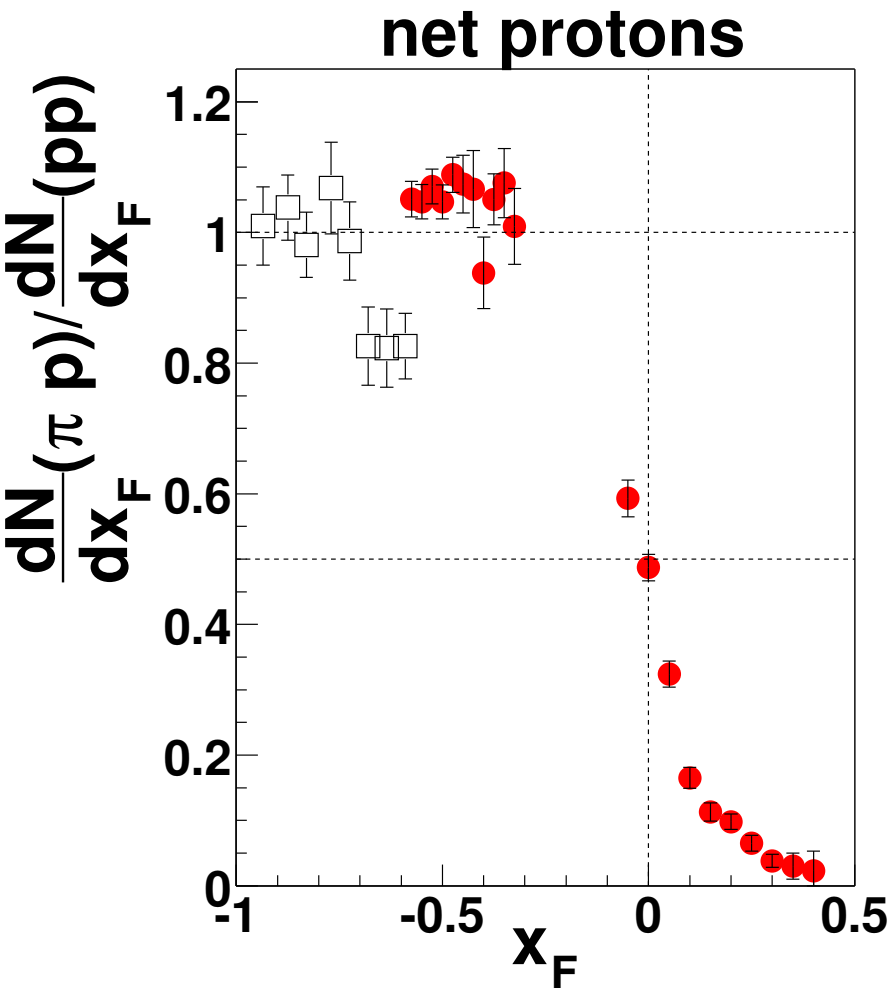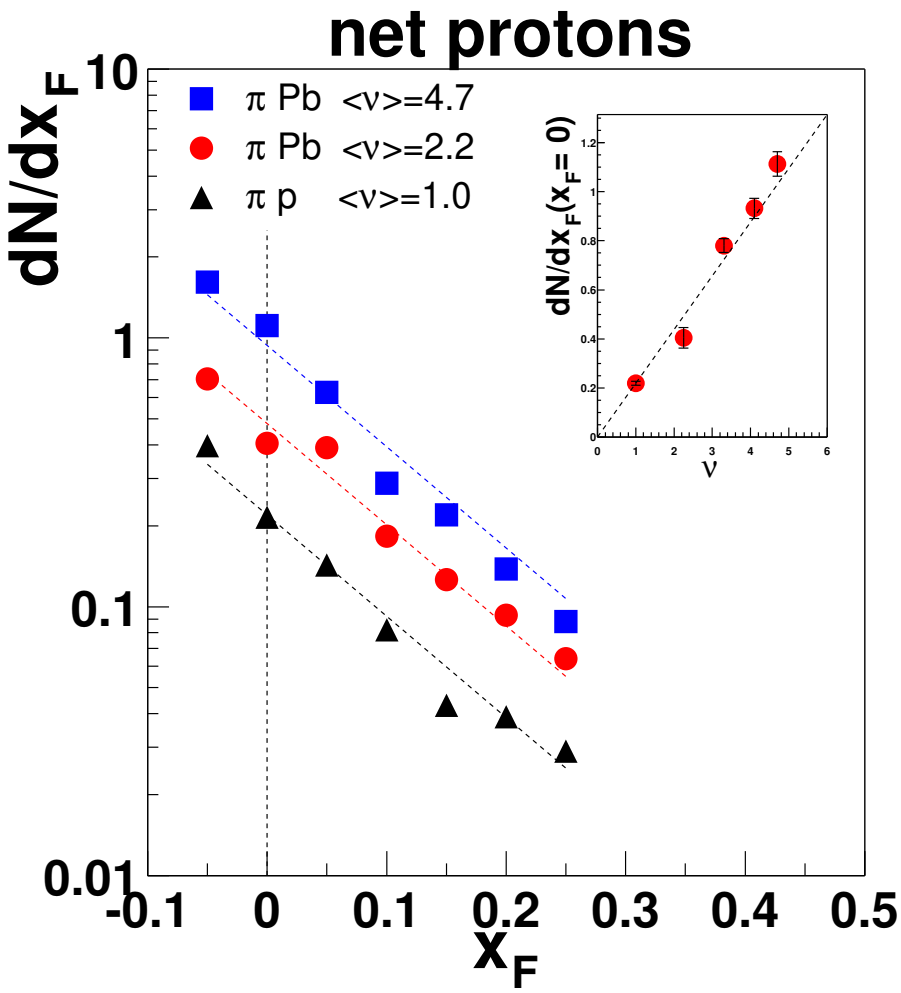Test of the two component picture