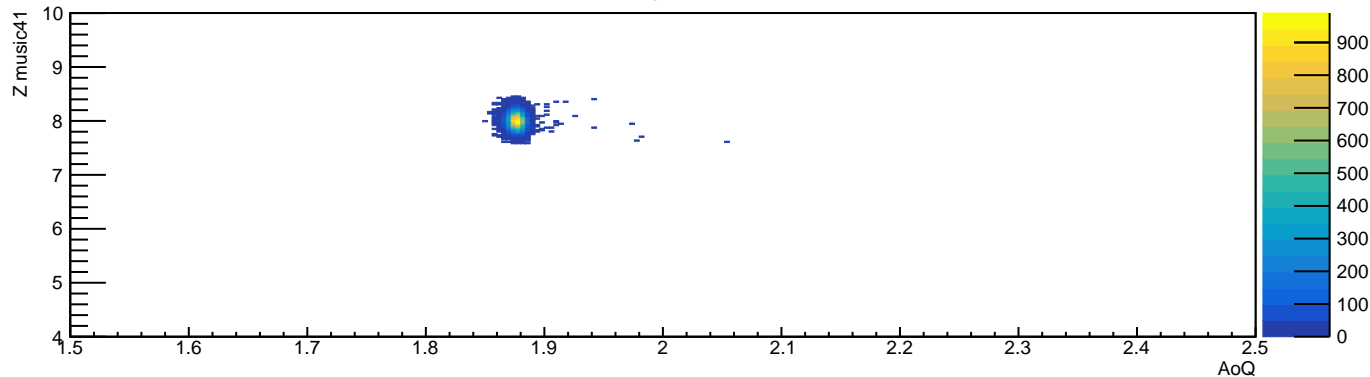ID plot with Z from MUSIC41, before target, with condition on Z1 and TPC21,22,41

Z2 from MUSIC42, after target, with condition on Z1 and TPC21,22,41

Z2 with condition on incoming beam
Gaussian fit