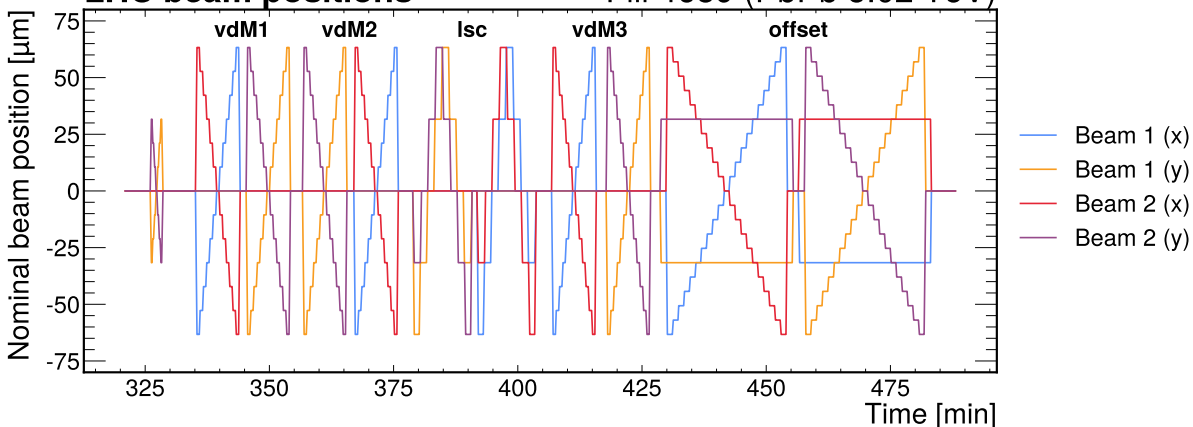
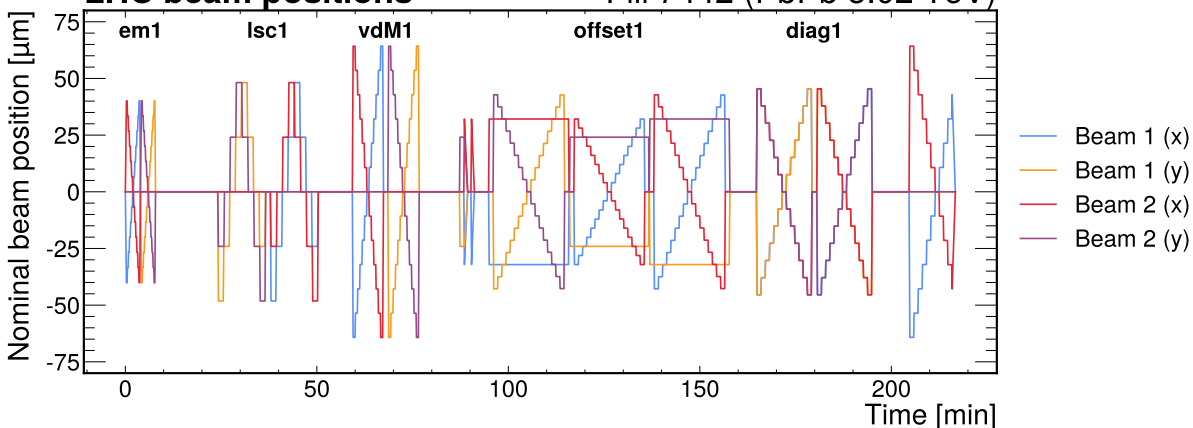


### LHC beam positions Fill 4689 (PbPb 5.02 TeV)



### LHC beam positions Fill 7442 (PbPb 5.02 TeV)



### LHC beam positions Fill 7443 (PbPb 5.02 TeV)

