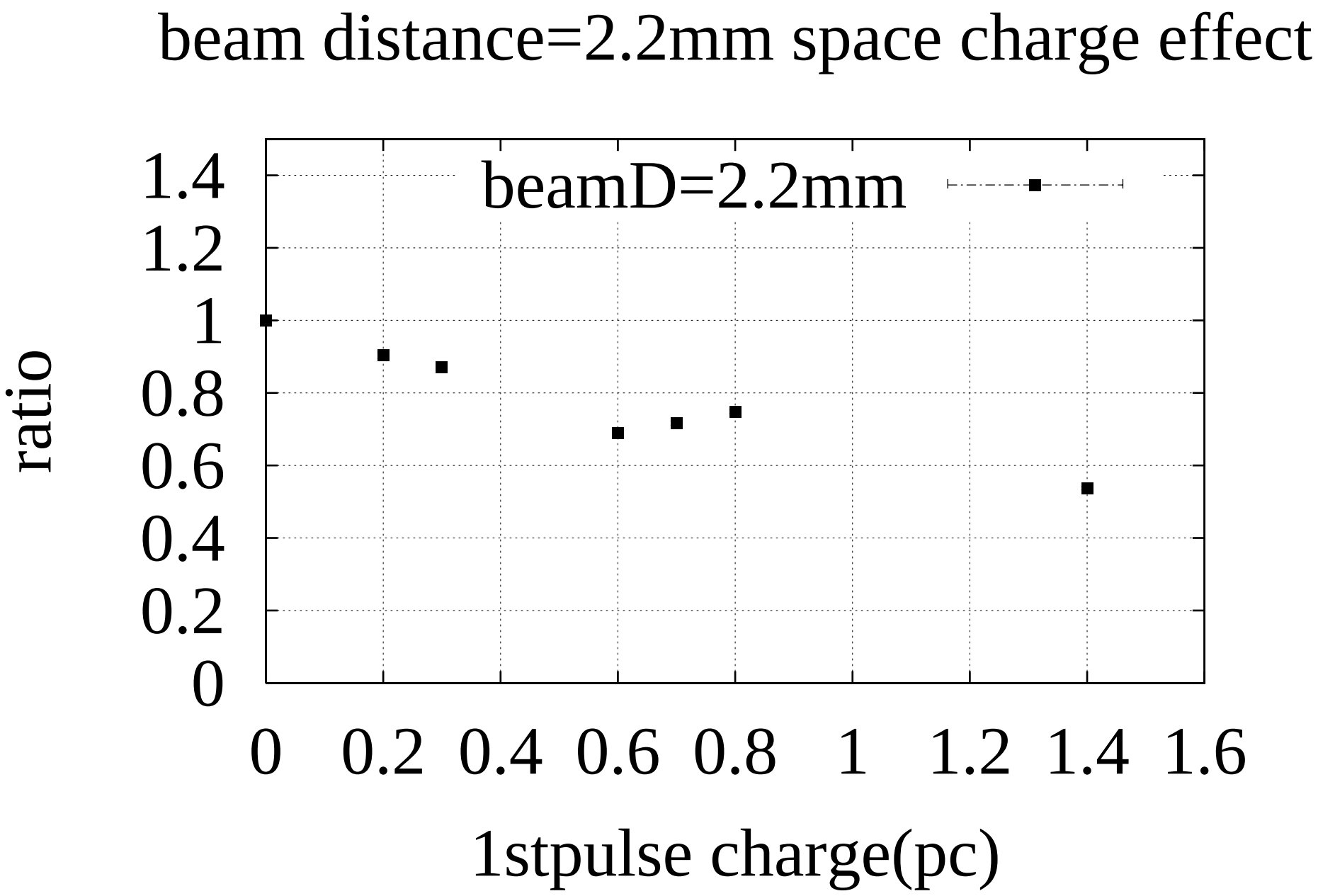
beam distance=2.2mm space charge effect
beamD=2.2mm
ratio
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1stpulse charge(pc)