

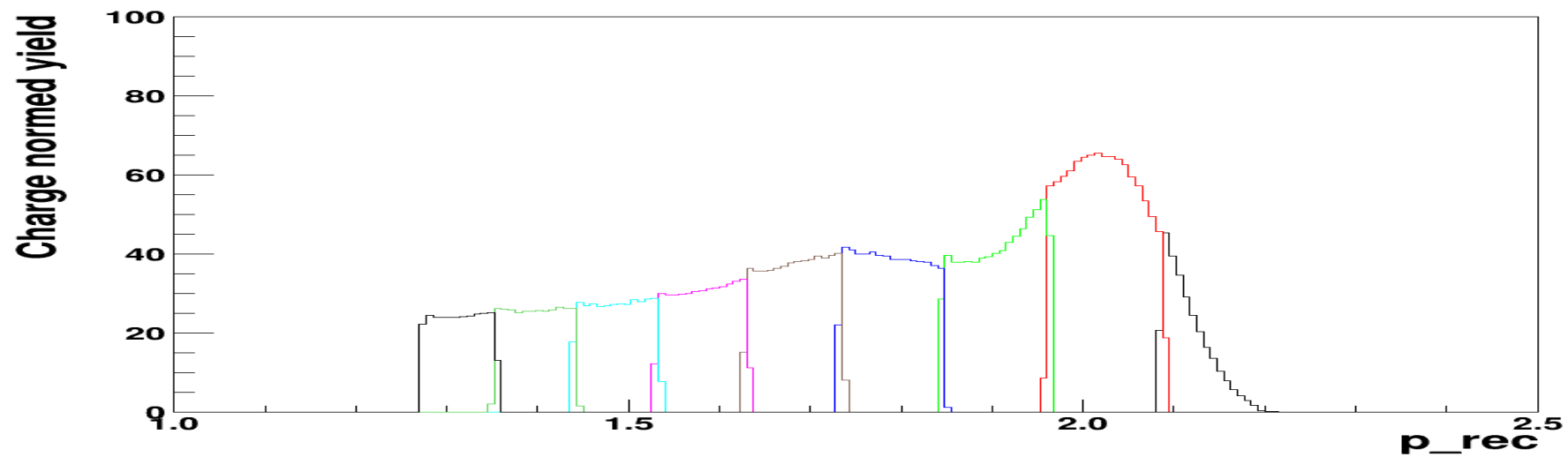
Ar Meeting

Hongxia Dai

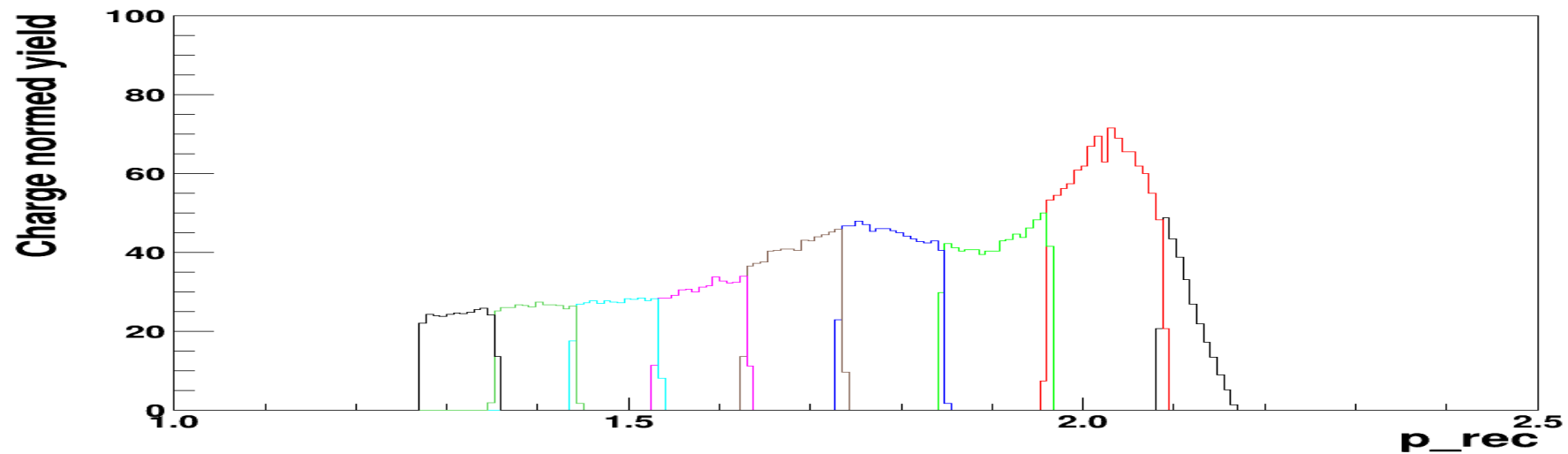
Jun 2, 2017

Data and MC

Data



MC



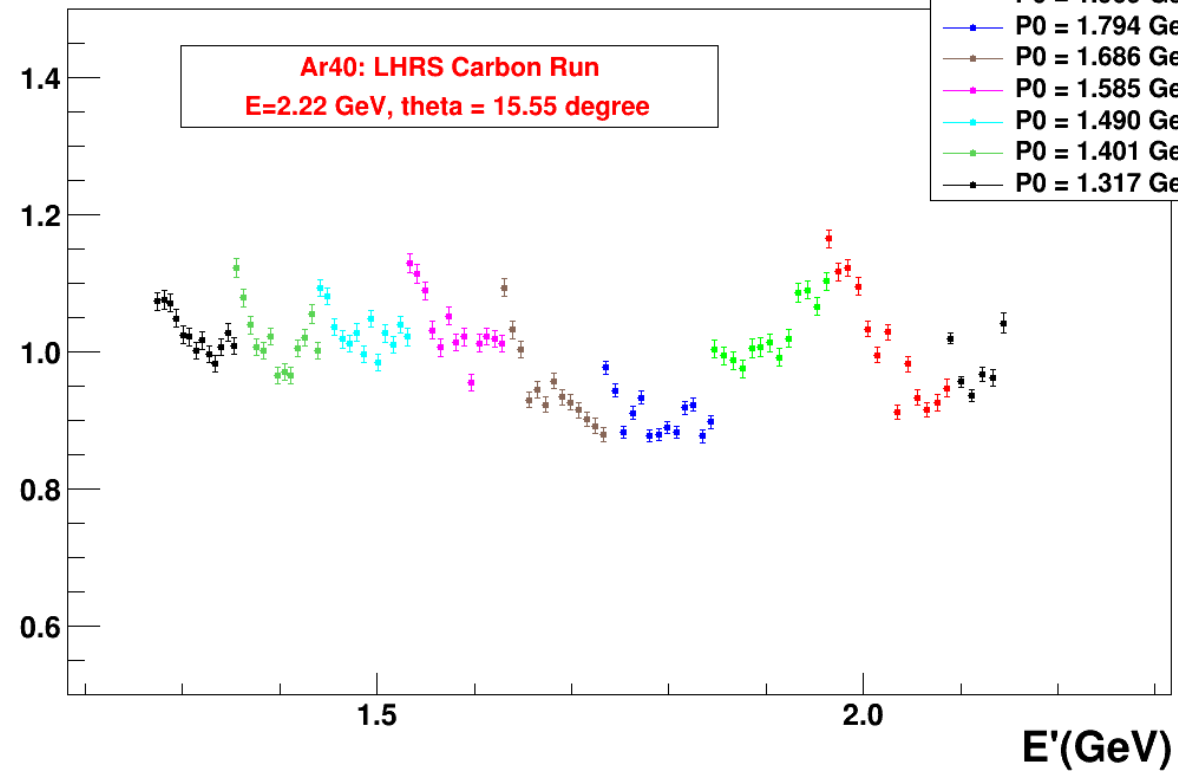
Data to MC Ratio

Charge-normalized Yield

data to MC ratio

Ar40: LHRs Carbon Run
E=2.22 GeV, theta = 15.55 degree

- P0 = 2.160 GeV
- P0 = 2.030 GeV
- P0 = 1.909 GeV
- P0 = 1.794 GeV
- P0 = 1.686 GeV
- P0 = 1.585 GeV
- P0 = 1.490 GeV
- P0 = 1.401 GeV
- P0 = 1.317 GeV



Y_tg peak position

Run#	p0	Y peak in Data(cm)	Y peak in MC(cm)	offset
730	2.160	-0.1984	-0.0997	0.0987
731	2.030	-0.1992	-0.0962	0.1029
739	1.909	-0.2098	-0.0937	0.1161
740	1.794	-0.2078	-0.0945	0.1133
747	1.686	-0.2107	-0.0946	0.1161
748	1.585	-0.2159	-0.0935	0.1224
755	1.490	-0.2184	-0.0926	0.1258
756	1.401	-0.2196	-0.0941	0.1255
763	1.317	-0.2234	-0.0924	0.1310