

Data set:

- Signal

`/data/scratch/userspace/pretz/scrappy-platypus-optimization/datafiles/
energy.sweets-dec20.xcd`

- Background

`/data/scratch/userspace/pretz/scrappy-platypus-optimization/datafiles/
energy.dec20.run005481.xcd`

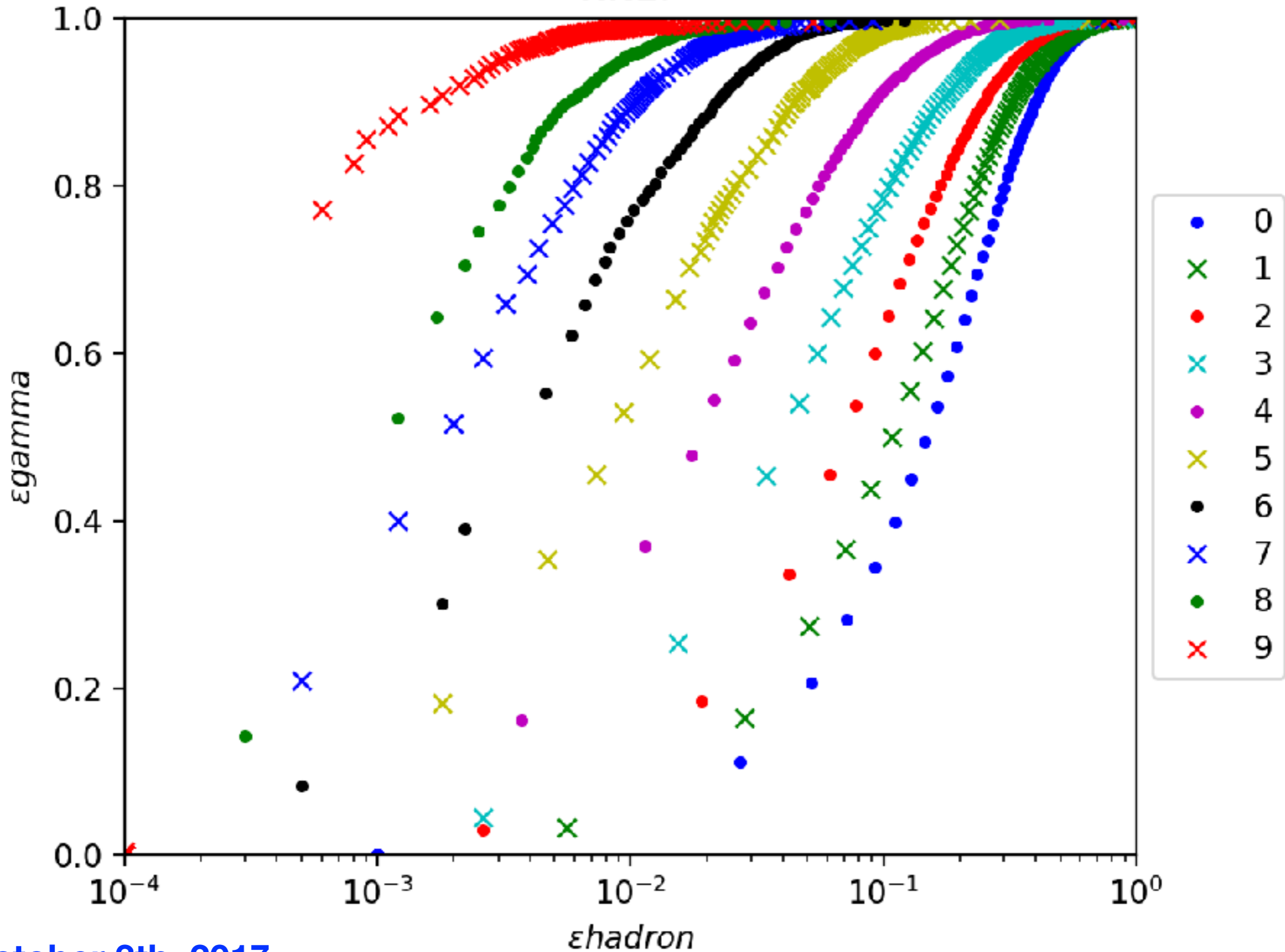
Cuts:

- `rec.angleFitStatus==0`
- `rec.coreFitStatus==0`
- `rec.nChAvail>=700`
- `rec.coreFiduScale<=100`
- `rec.delAngle < Opt Angle`

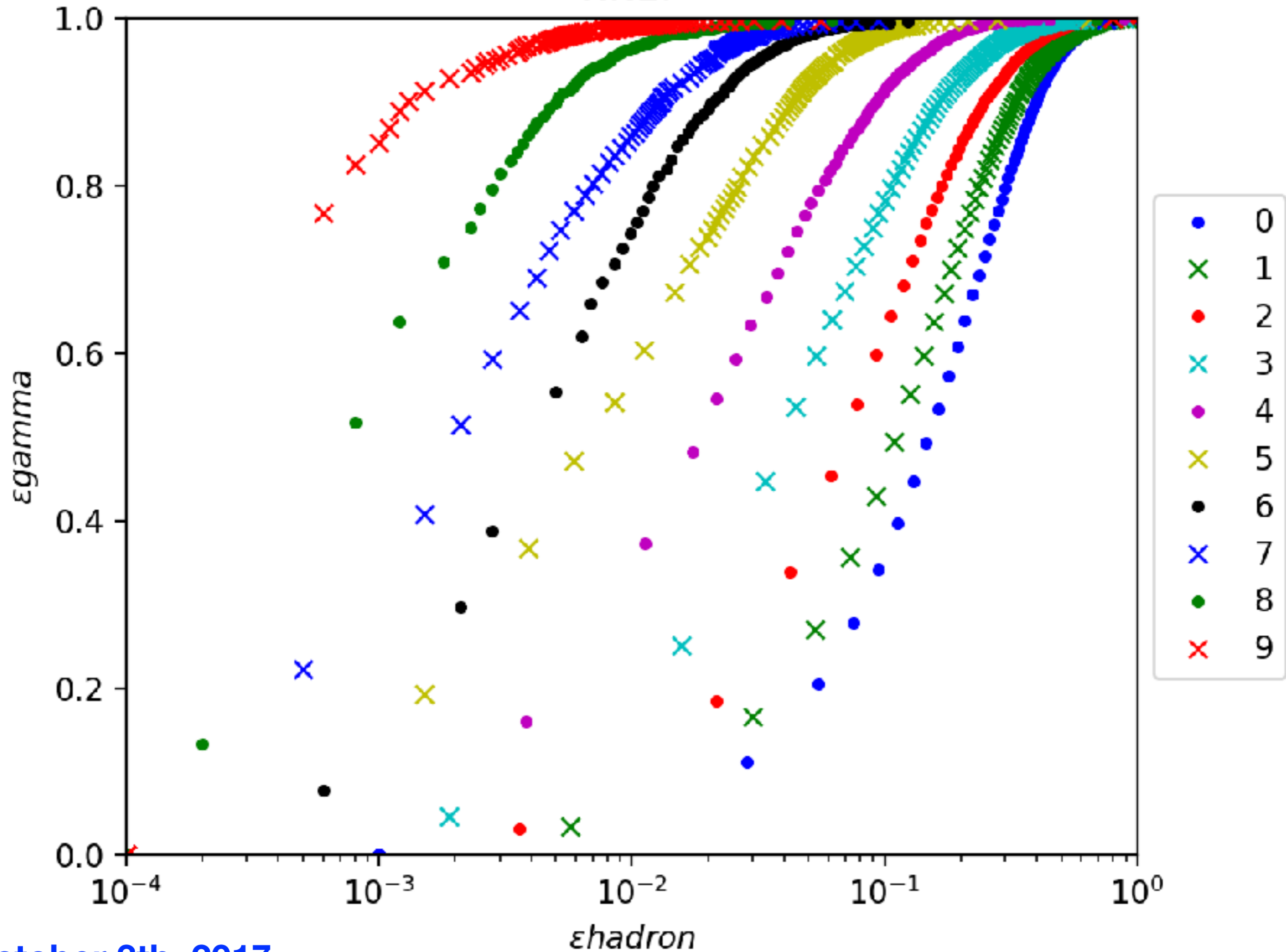
Events used in each stage:

- Training: 25 %
- Verification: 25%
- Testin: 50 %

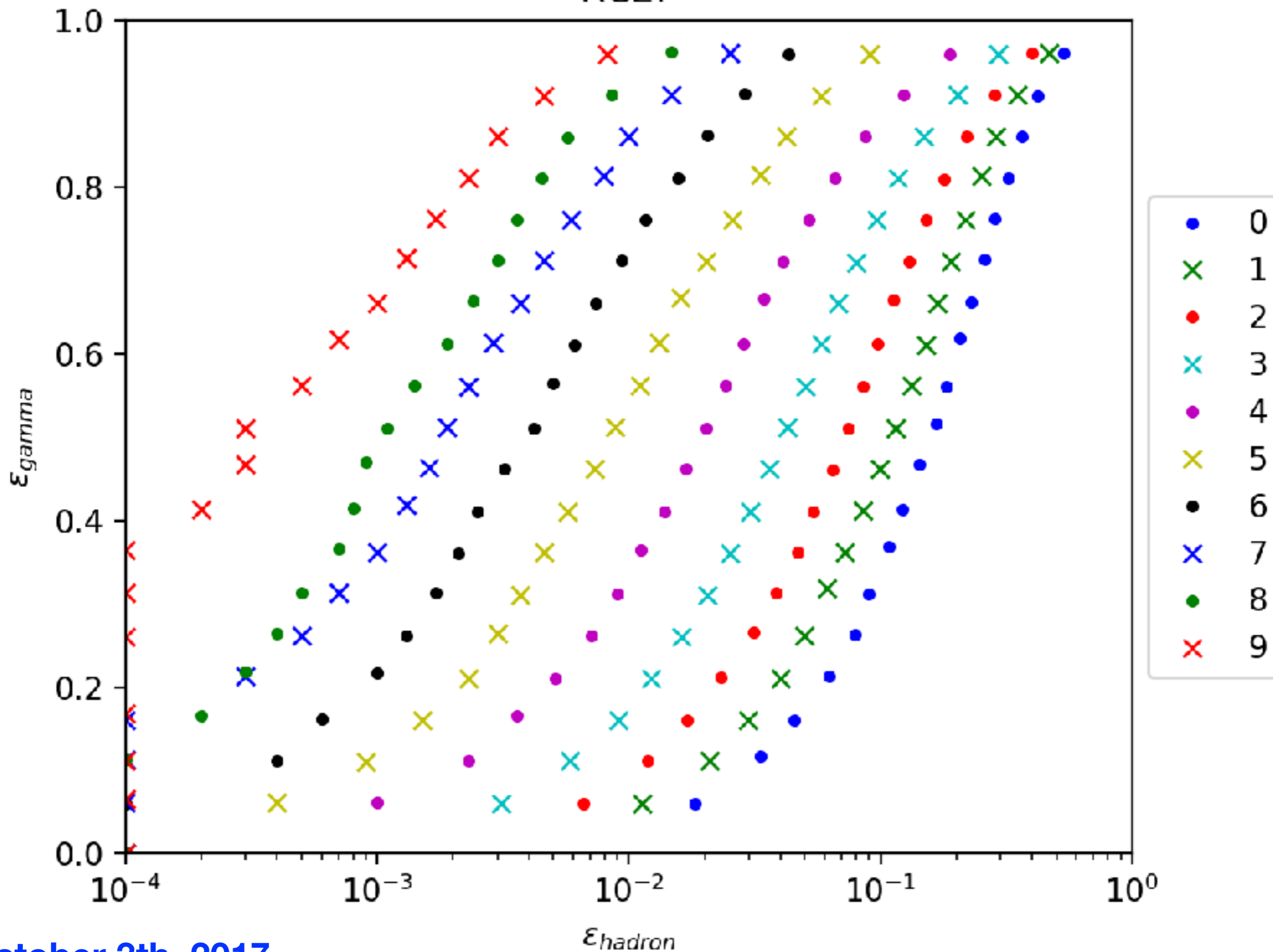
NN2F



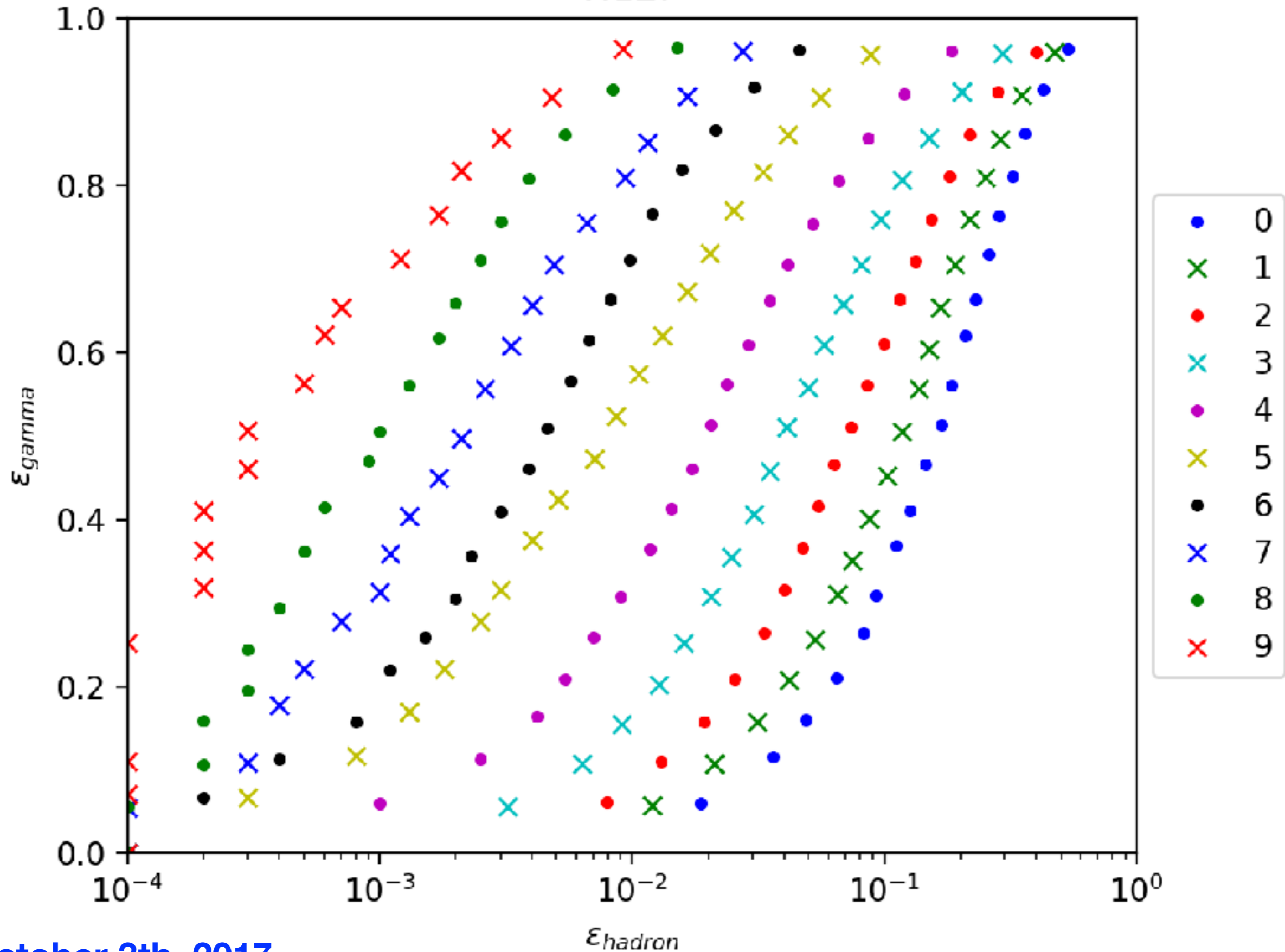
NN2F



RC2F

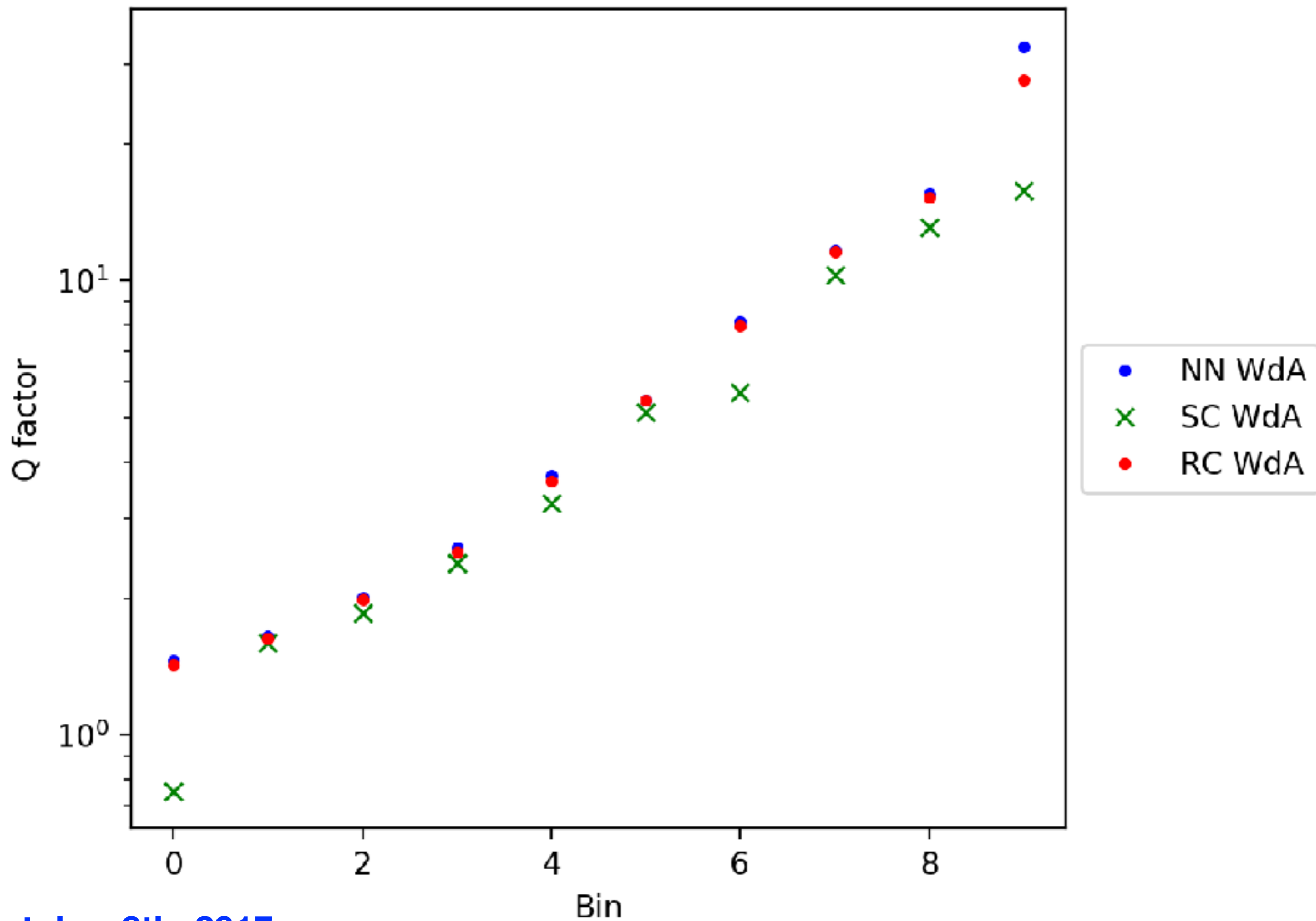


RC2F



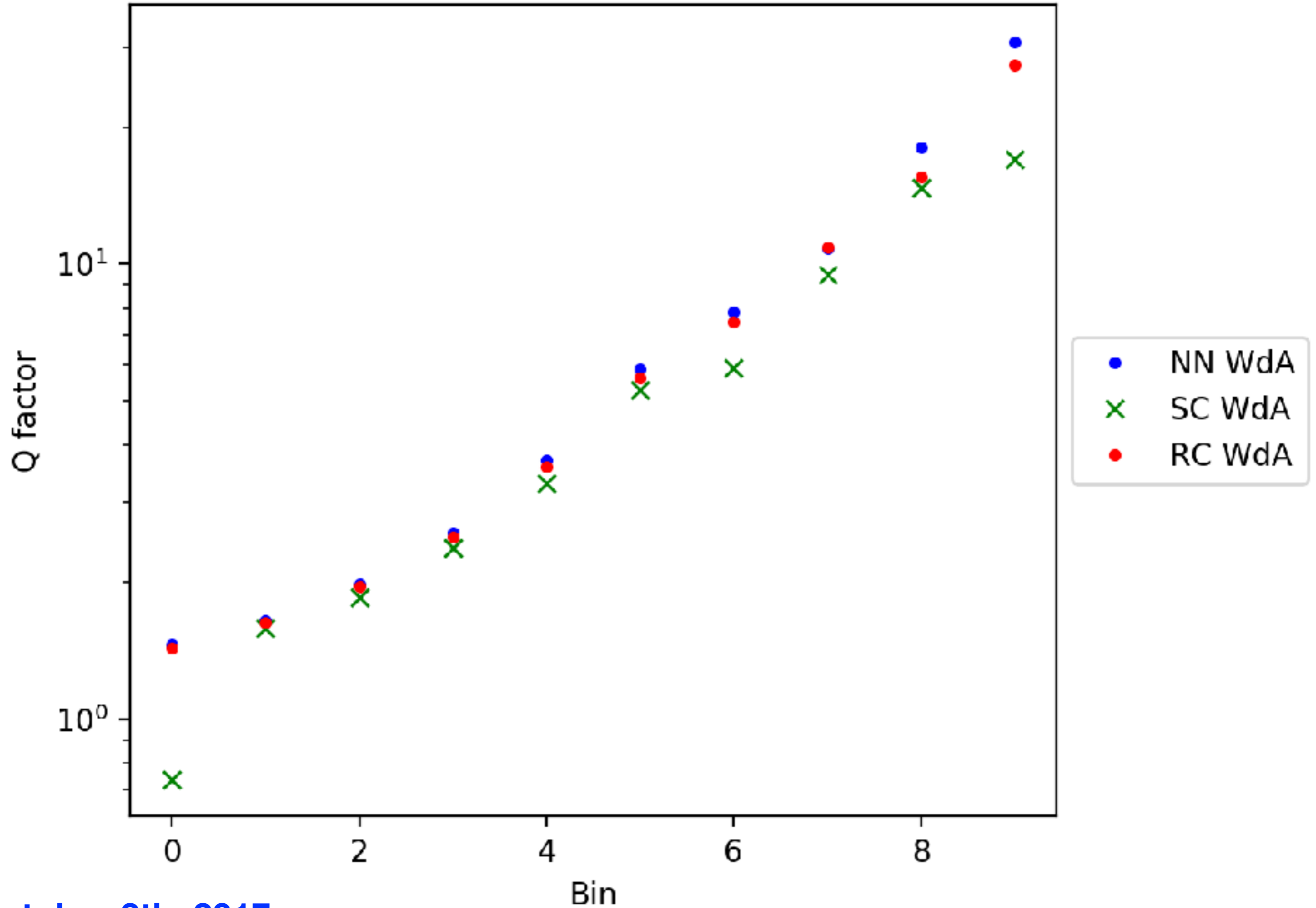
Train data set

C and P



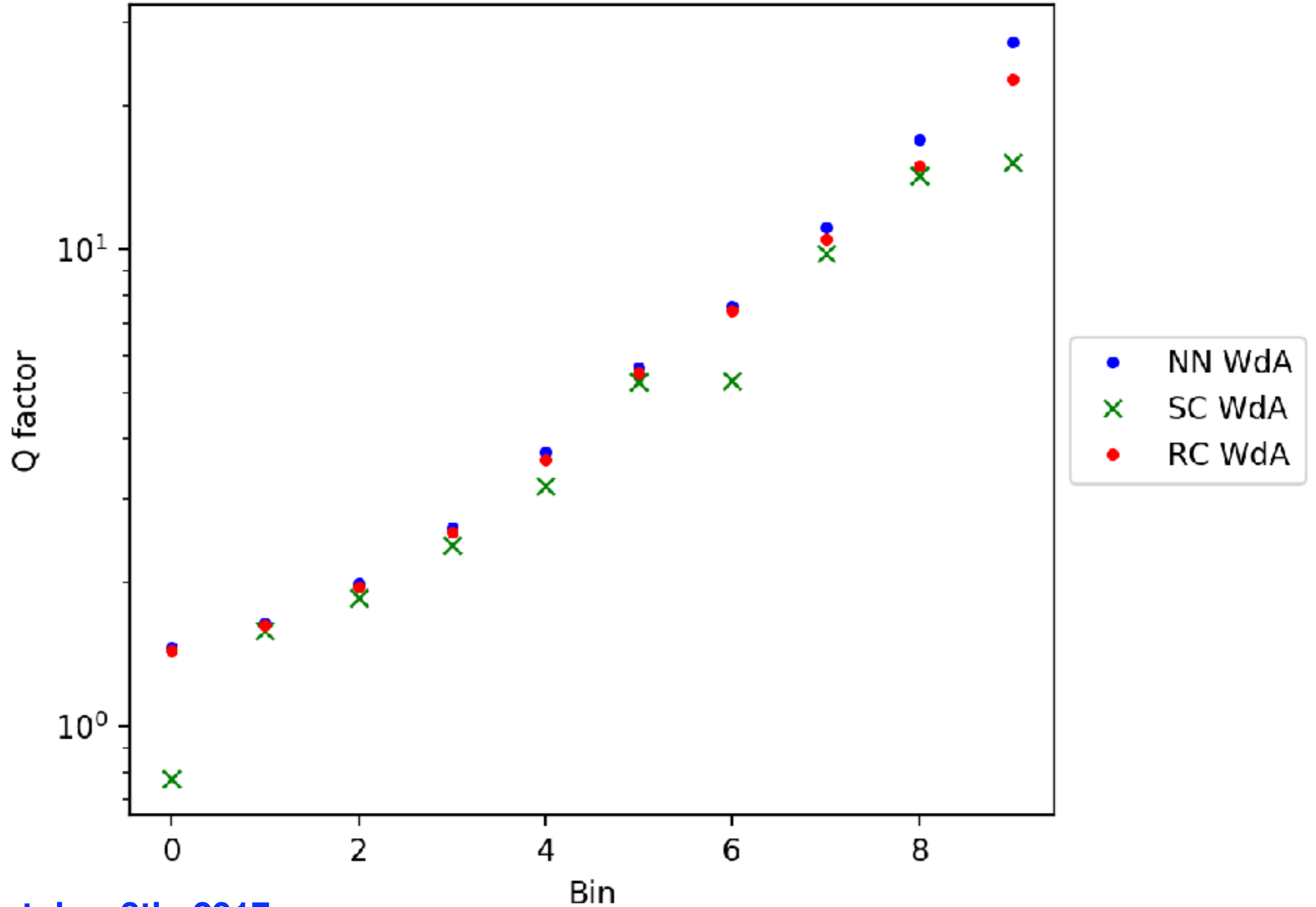
Verification data set

C and P

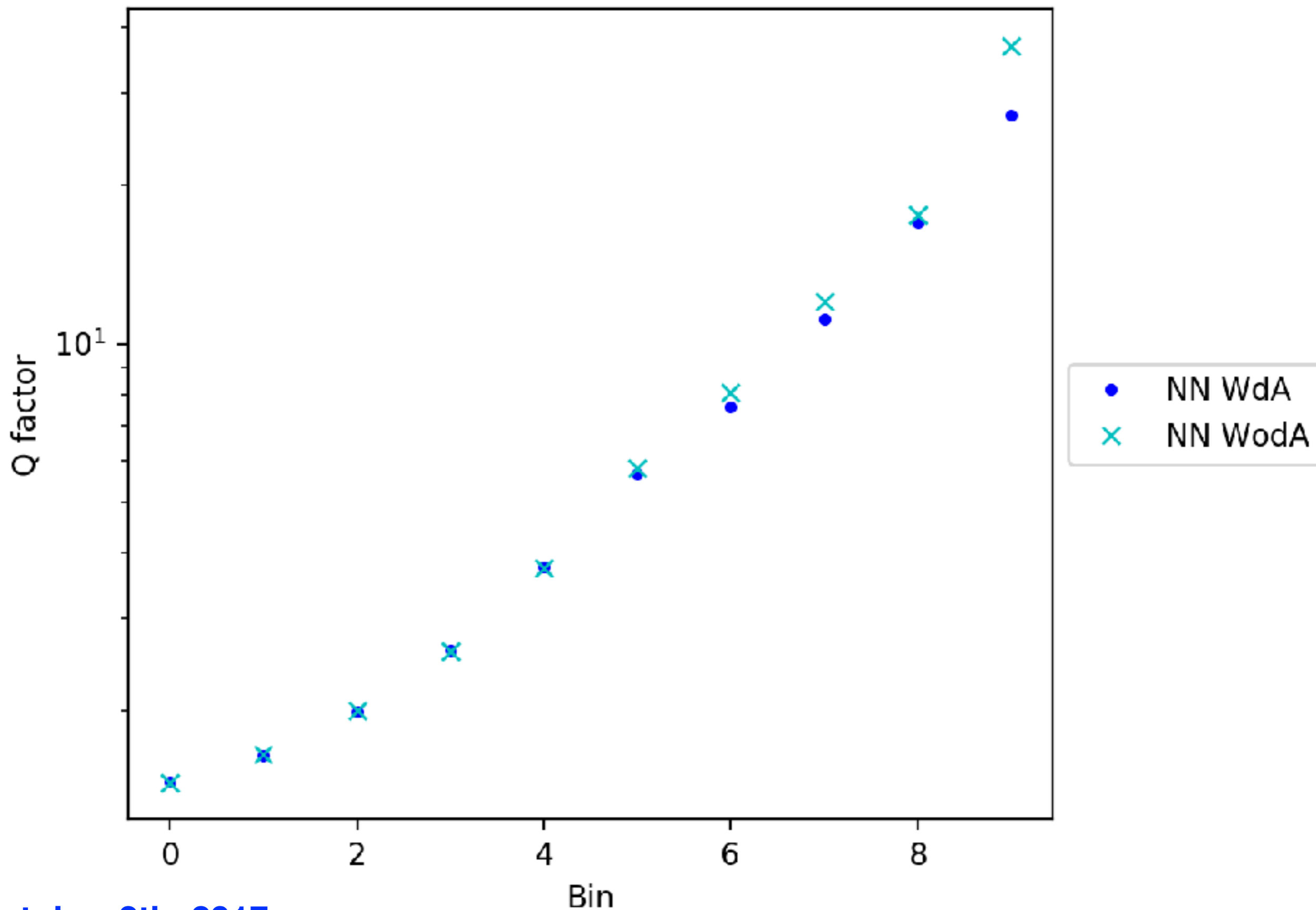


Test data set

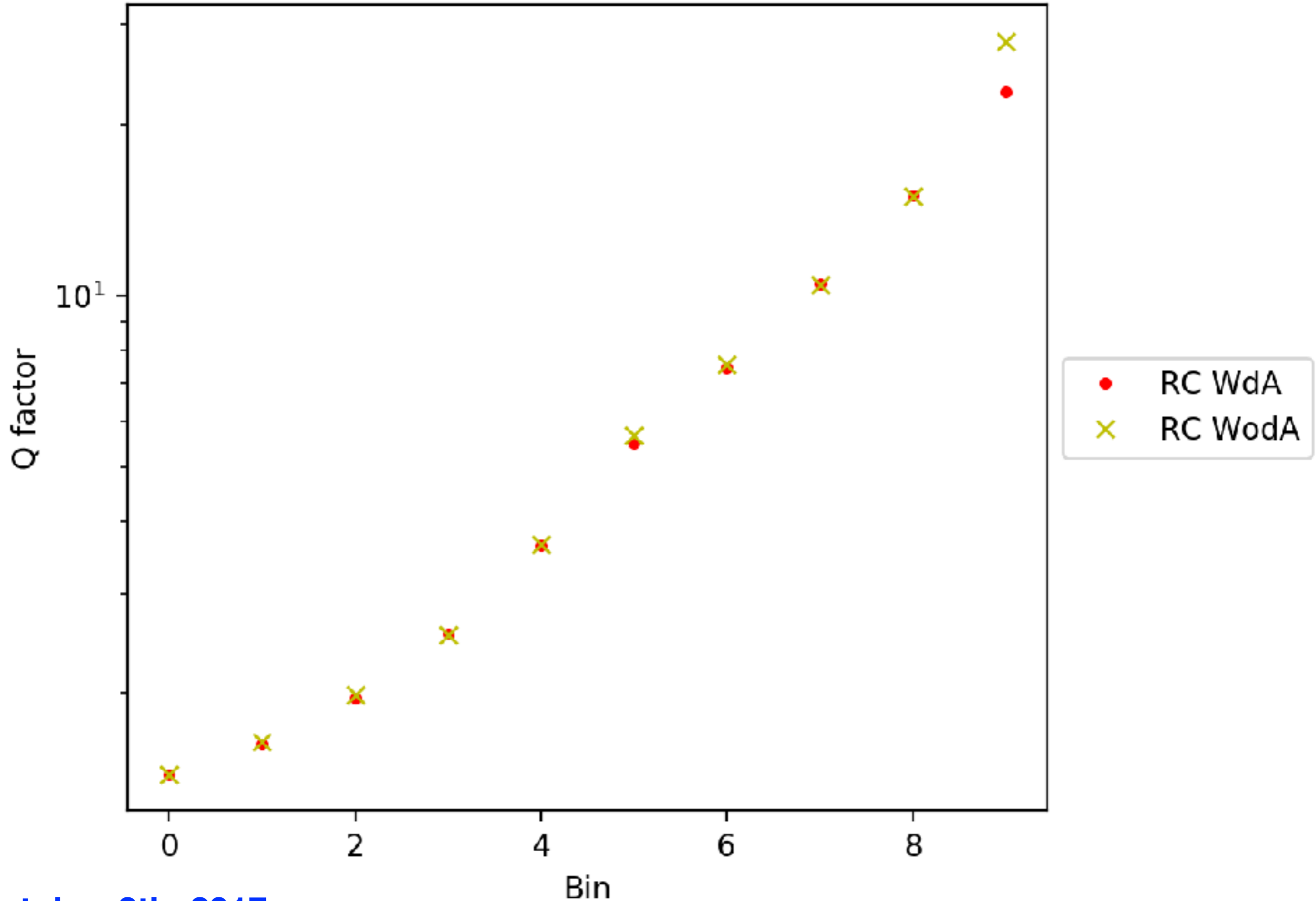
C and P



C and P



C and P



Back Slide

Bin	fBin min	fBin max	Opt. Angle
0	0.044	0.067	0.02356
1	0.067	0.105	0.01627
2	0.105	0.162	0.01143
3	0.162	0.247	0.00861
4	0.247	0.356	0.00642
5	0.356	0.485	0.00478
6	0.485	0.618	0.00422
7	0.618	0.740	0.00356
8	0.740	0.840	0.00302
9	0.840	1.010	0.00269