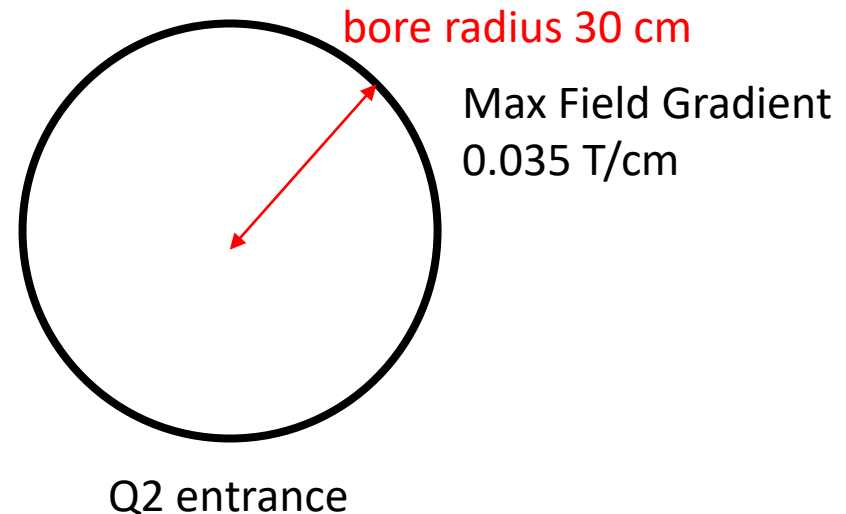
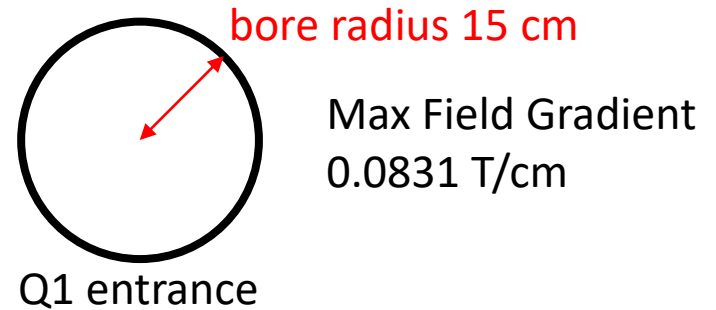


nnL geant4

- nnL geant4 simulation
- D magnet -> TOSCA
- Q magnet -> Kato-eq
- no physics reaction
- Q1col -> Q1collimator
- Q2col -> Q2collimator
- matrix -> 6th



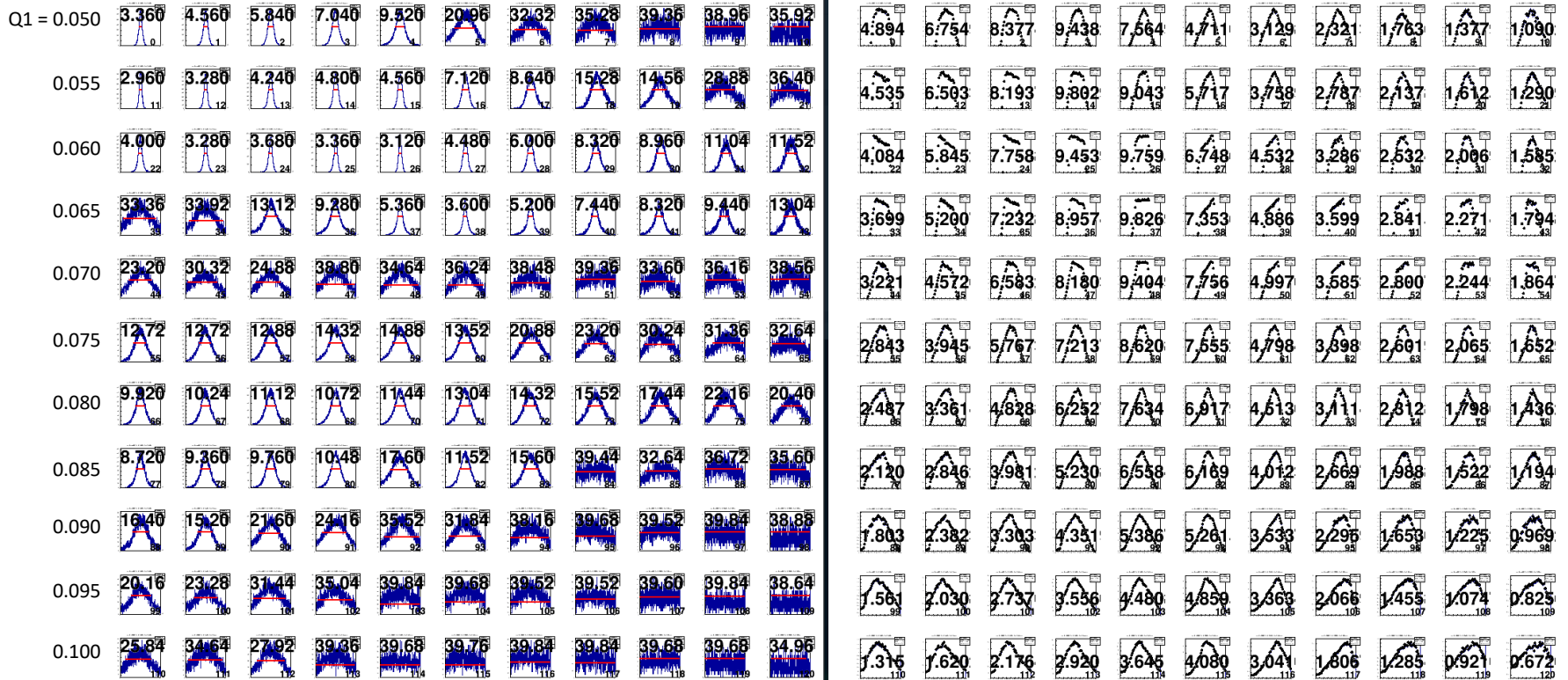
woPhysicsQ10.05_0.10Q20.015_0.025Q1col15Q2col30_6th.root

Q1 vertical, Q2 horizontal

VDC σ : x, y 100um px,py 5.0*1e-4

Q2 =

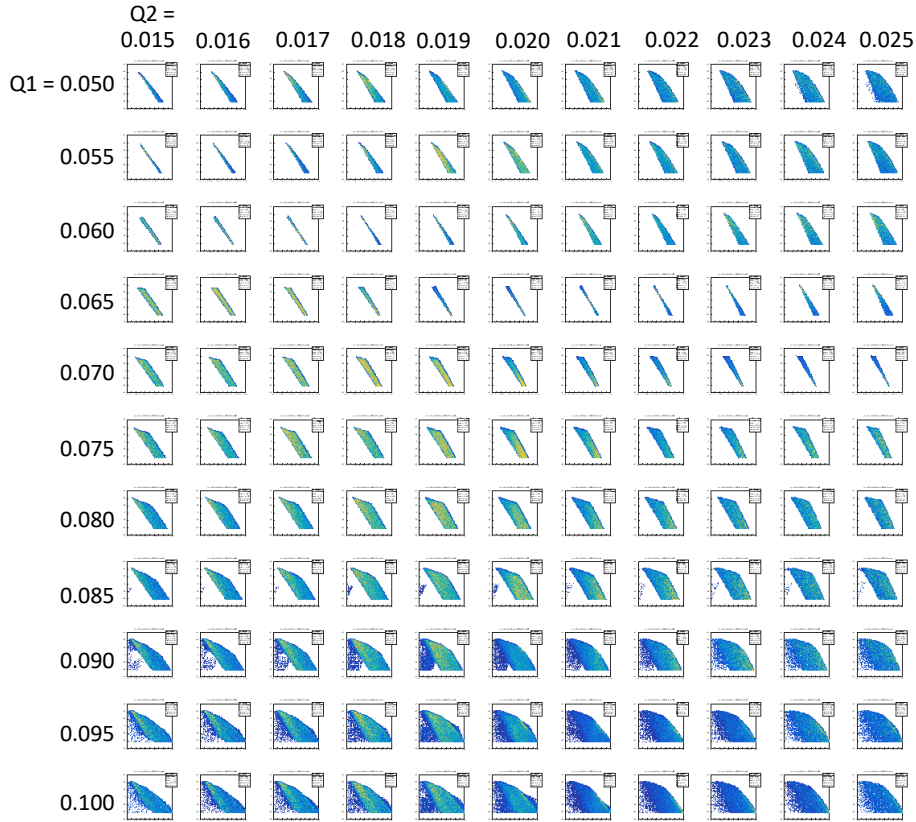
0.015 0.016 0.017 0.018 0.019 0.020 0.021 0.022 0.023 0.024 0.025



woPhysicsQ10.05_0.10Q20.015_0.025Q1col15Q2col30_6th.root

Q1 vertical, Q2 horizontal

VDC σ : x, y 100um px,py 5.0*1e-4



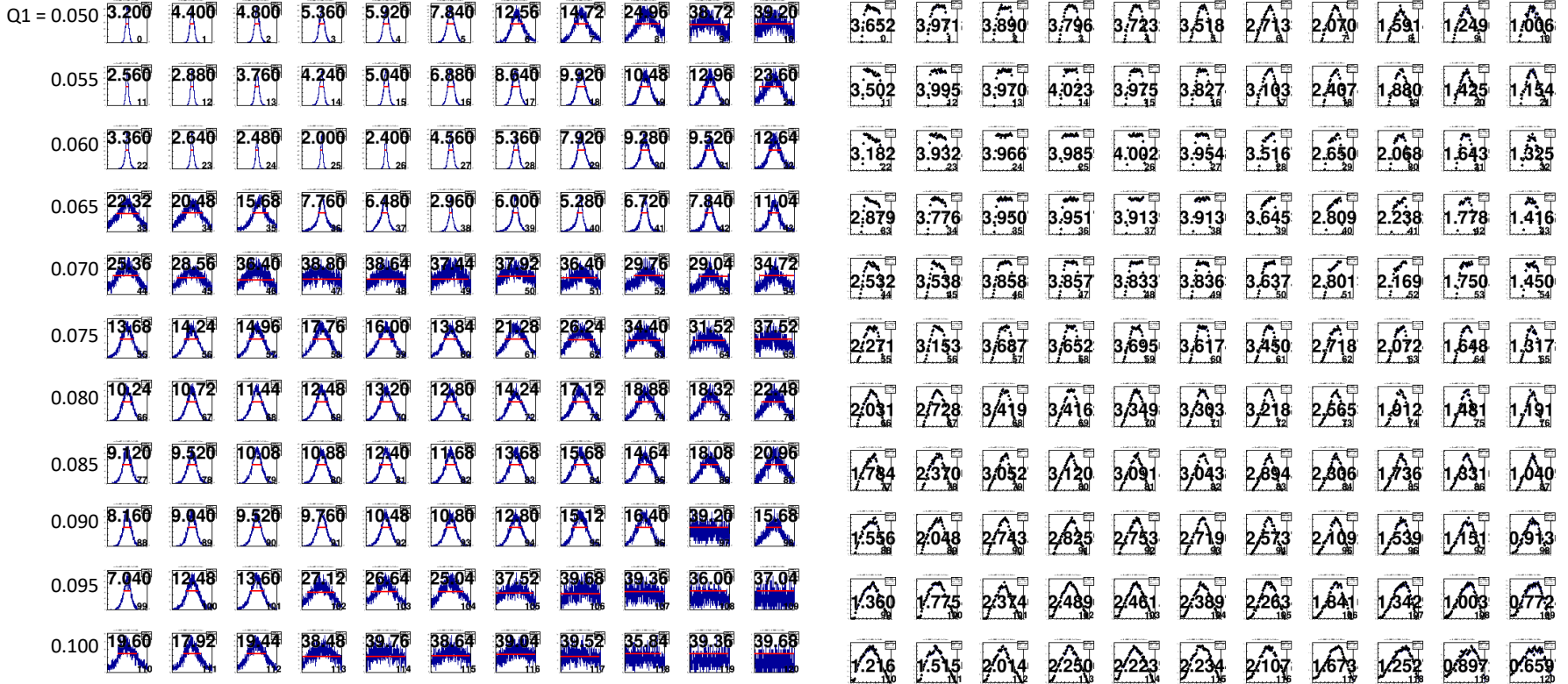
woPhysicsQ10.05_0.10Q20.015_0.025Q1col10Q2col12_6th.root

Q1 vertical, Q2 horizontal

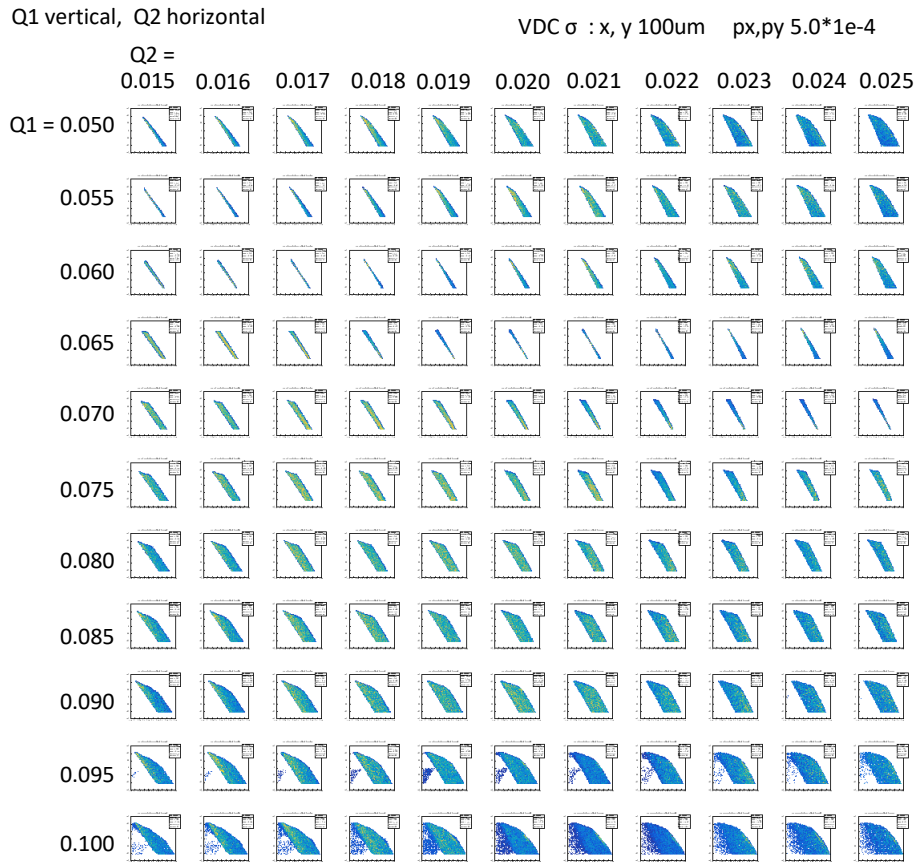
VDC σ : x, y 100um px,py 5.0*1e-4

Q2 =

0.015 0.016 0.017 0.018 0.019 0.020 0.021 0.022 0.023 0.024 0.025



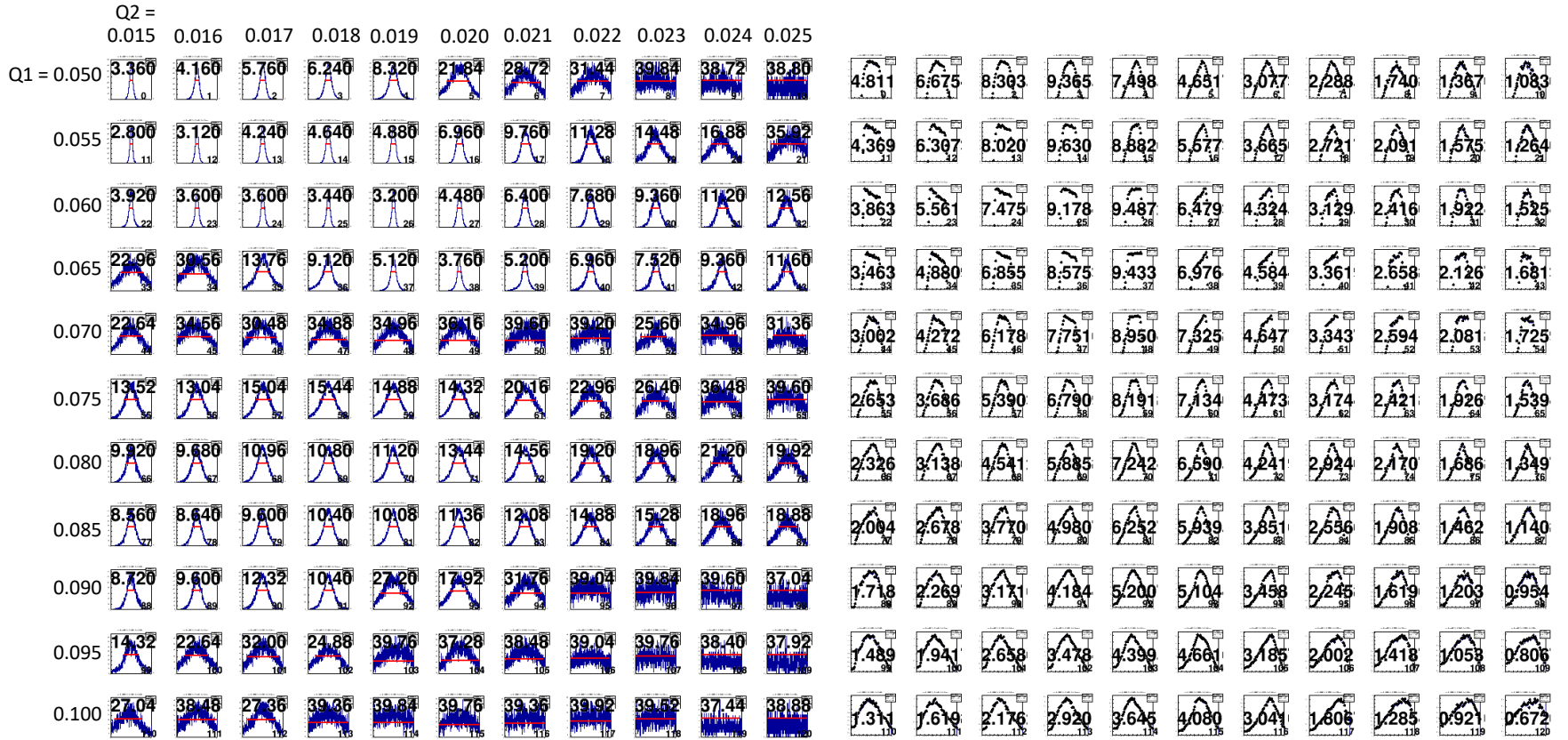
woPhysicsQ10.05_0.10Q20.015_0.025Q1col10Q2col12_6th.root



woPhysicsQ10.05_0.10Q20.015_0.025Q1col12Q2col30_6th.root

Q1 vertical, Q2 horizontal

VDC σ : x, y 100um px,py 5.0*1e-4



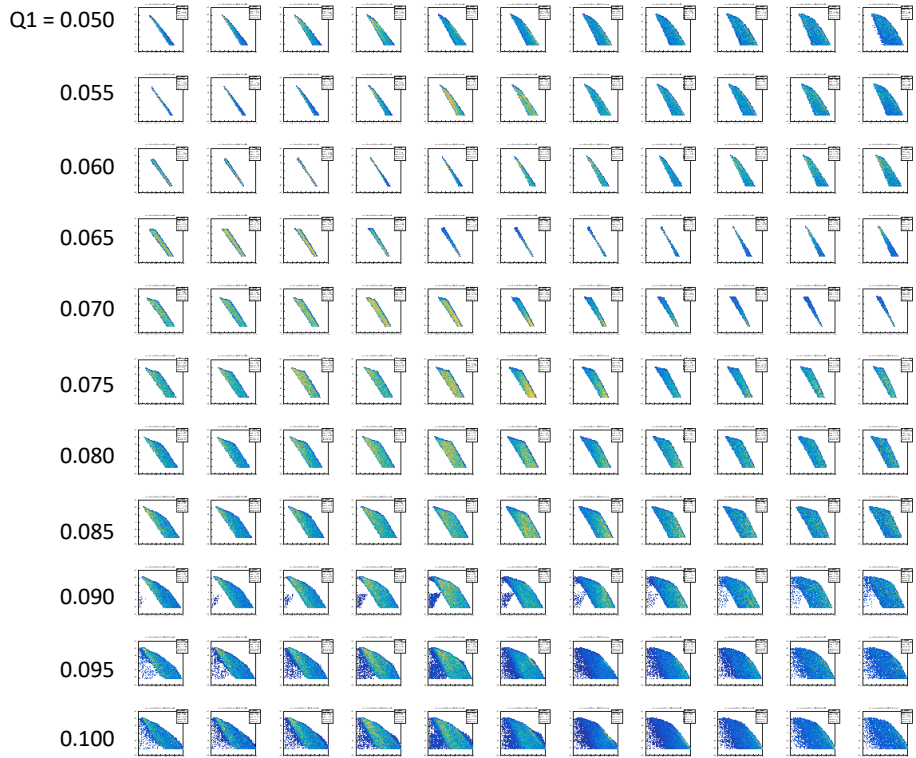
woPhysicsQ10.05_0.10Q20.015_0.025Q1col12Q2col30_6th.root

Q1 vertical, Q2 horizontal

VDC σ : x, y 100um px,py 5.0*1e-4

Q2 =

0.015 0.016 0.017 0.018 0.019 0.020 0.021 0.022 0.023 0.024 0.025



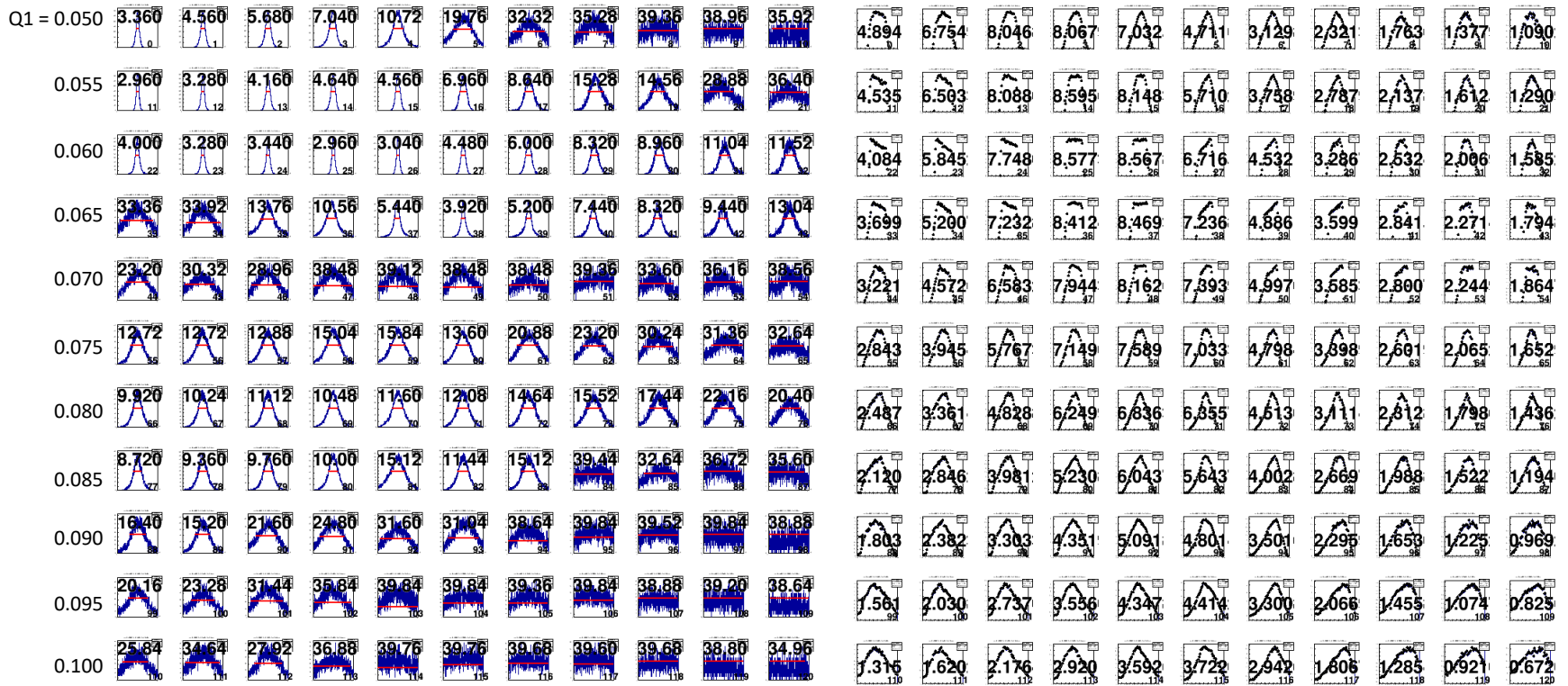
woPhysicsQ10.05_0.10Q20.015_0.025Q1col15Q2col20_6th.root

Q1 vertical, Q2 horizontal

VDC σ : x, y 100um px,py 5.0*1e-4

Q2 =

0.015 0.016 0.017 0.018 0.019 0.020 0.021 0.022 0.023 0.024 0.025



woPhysicsQ10.05_0.10Q20.015_0.025Q1col15Q2col20_6th.root

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