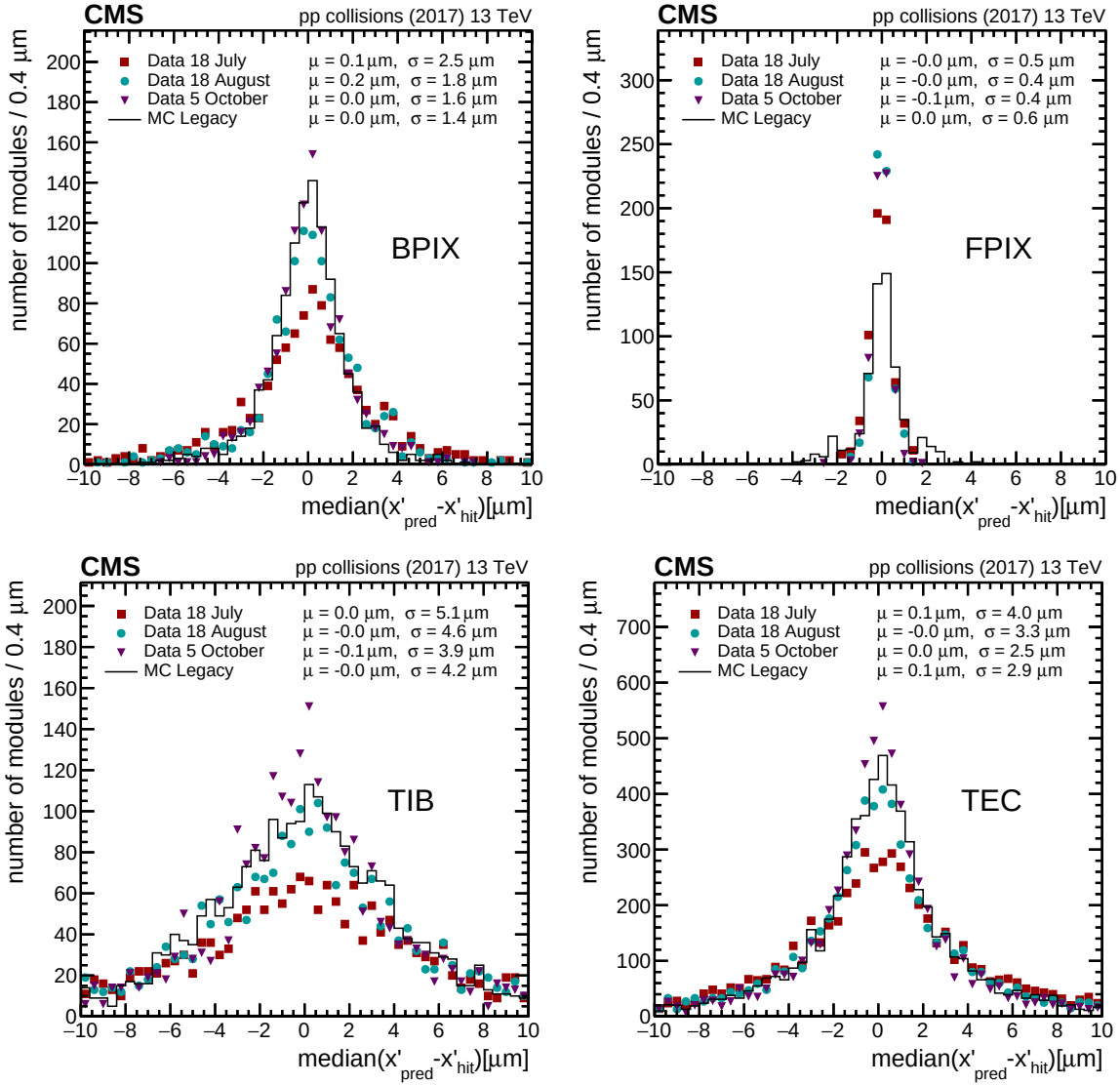
CMS
pp collisions (2017) 13 TeV
Data 18 July μ = 0.1 μm, σ = 2.5 μm
Data 18 August μ = 0.2 μm, σ = 1.8 μm
Data 5 October μ = 0.0 μm, σ = 1.6 μm
MC Legacy μ = 0.0 μm, σ = 1.4 μm
BPIX
number of modules / 0.4 μm
median(x'pred-x'hit)[μm]
CMS
pp collisions (2017) 13 TeV
Data 18 July μ = -0.0 μm, σ = 0.5 μm
Data 18 August μ = -0.0 μm, σ = 0.4 μm
Data 5 October μ = -0.1 μm, σ = 0.4 μm
MC Legacy μ = 0.0 μm, σ = 0.6 μm
FPIX
number of modules / 0.4 μm
median(x'pred-x'hit)[μm]
CMS
pp collisions (2017) 13 TeV
Data 18 July μ = 0.0 μm, σ = 5.1 μm
Data 18 August μ = -0.0 μm, σ = 4.6 μm
Data 5 October μ = -0.1 μm, σ = 3.9 μm
MC Legacy μ = -0.0 μm, σ = 4.2 μm
TIB
number of modules / 0.4 μm
median(x'pred-x'hit)[μm]
CMS
pp collisions (2017) 13 TeV
Data 18 July μ = 0.1 μm, σ = 4.0 μm
Data 18 August μ = -0.0 μm, σ = 3.3 μm
Data 5 October μ = 0.0 μm, σ = 2.5 μm
MC Legacy μ = 0.1 μm, σ = 2.9 μm
TEC
number of modules / 0.4 μm
median(x'pred-x'hit)[μm]