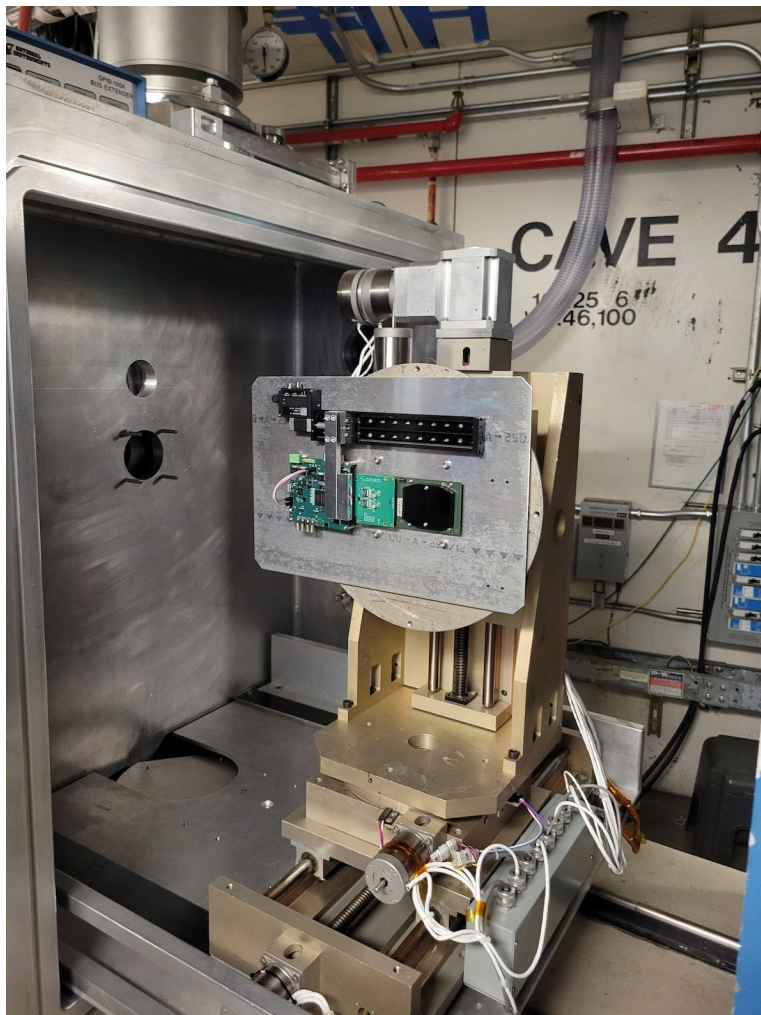


Updates from 88 beam test

May 23-24

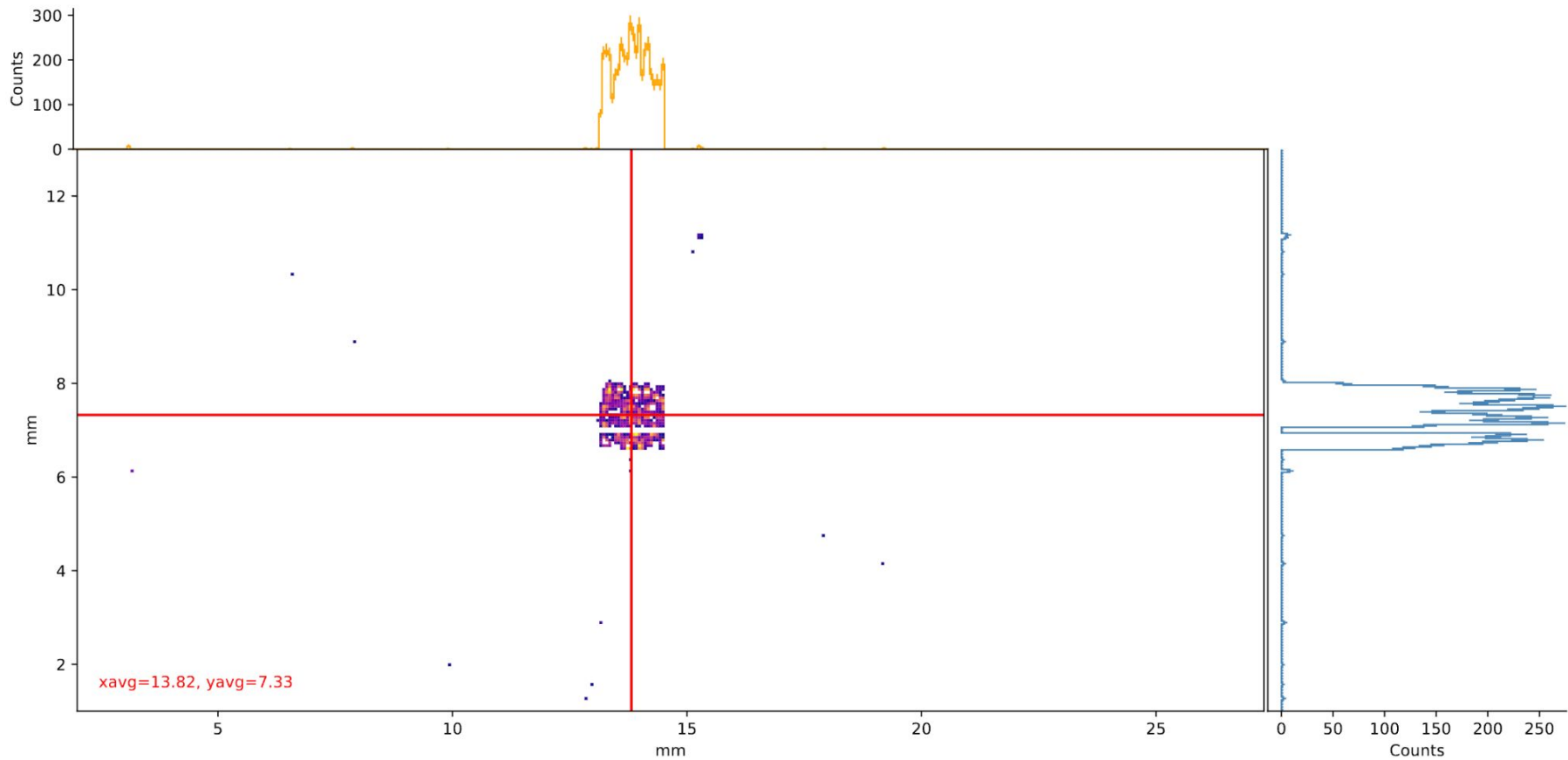


Beam test summary

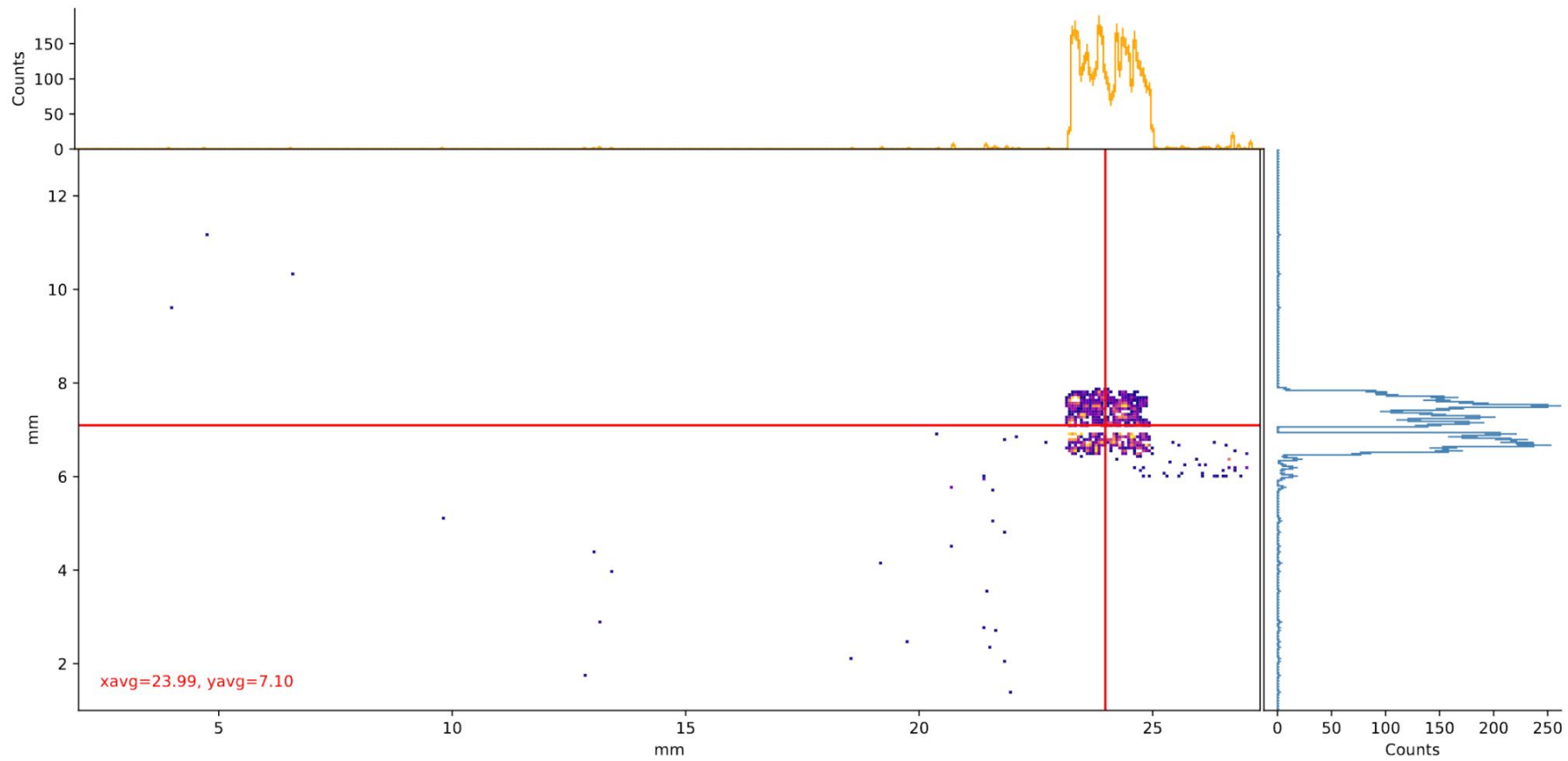
- ran from 8am Thursday to 8am Friday
- beam was 10 AMeV heavy ion cocktail
- didn't get beam until ~11:30am because of problem with ion source
- spent some time talking with Nicola to calibrate latchup detection
- had reduced intensity for the first few hours – ran with Y instead of Xe
- in the evening the source was back up so we finished our tests with Xe
- we were able to scan across the babyMOSS with the 0.2mm collimator gap
- did not end up testing with as many ions as we had hoped

calibrating collimator
position

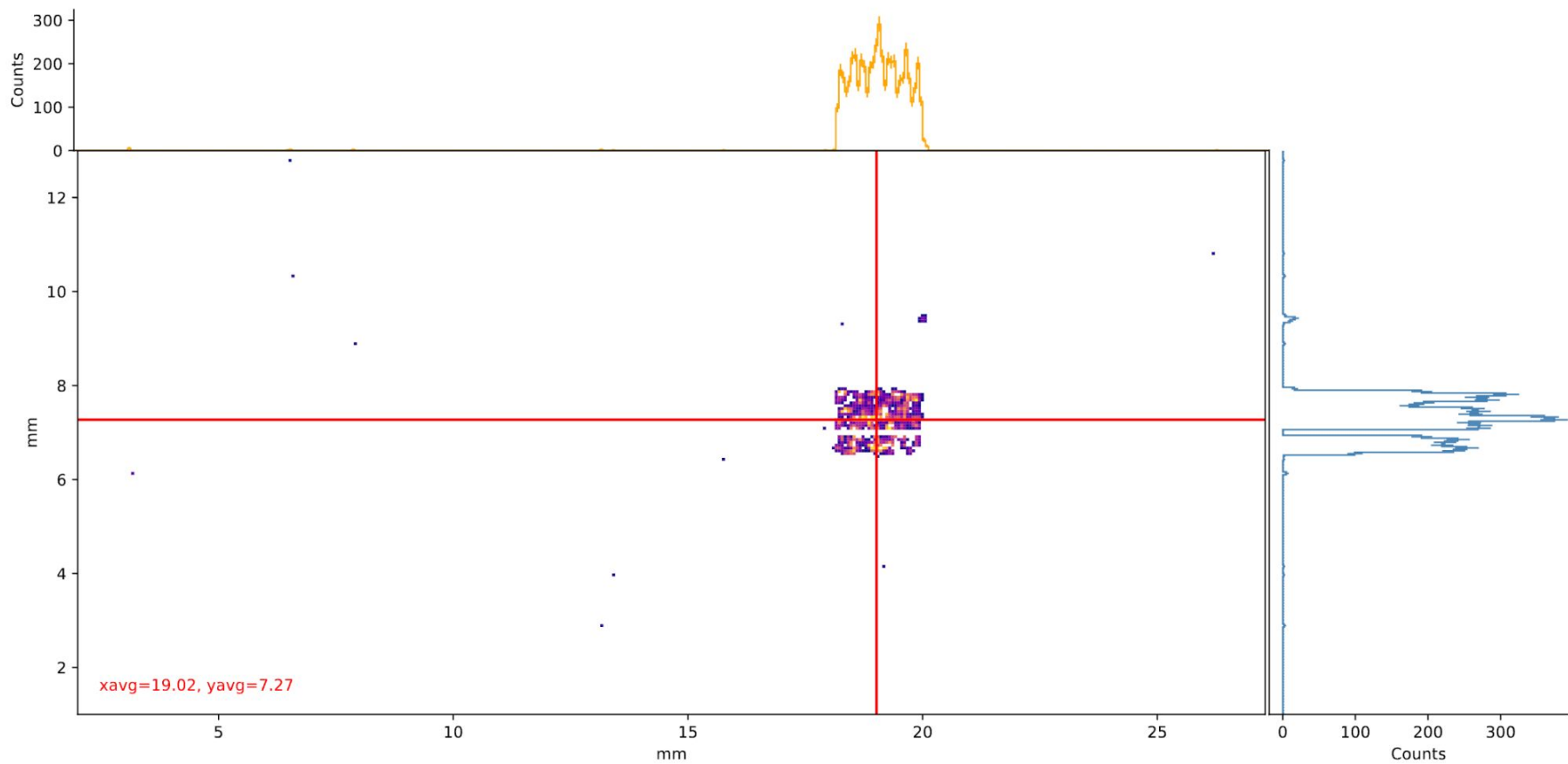
center 1



rx + 10

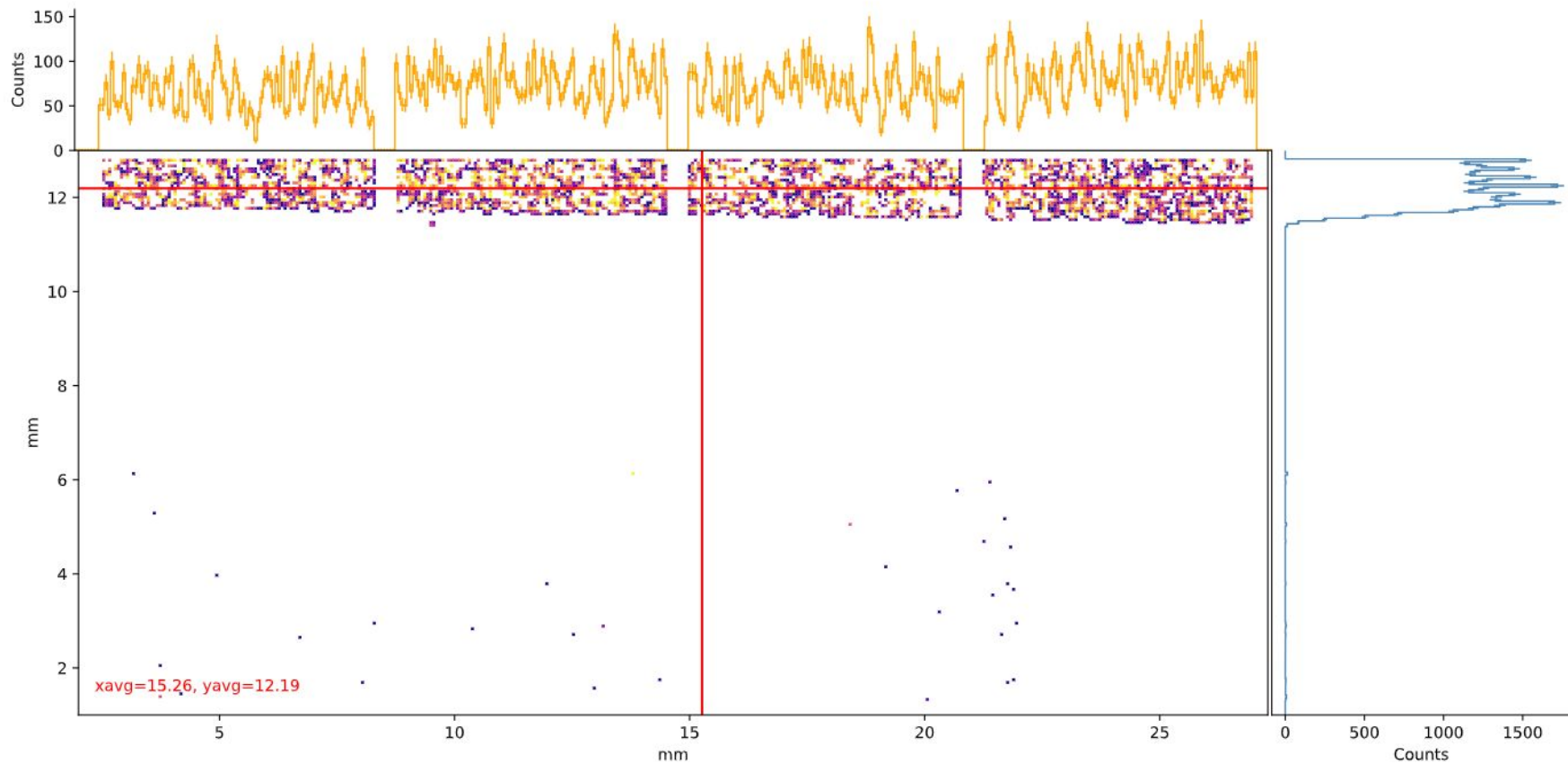


rx + 5

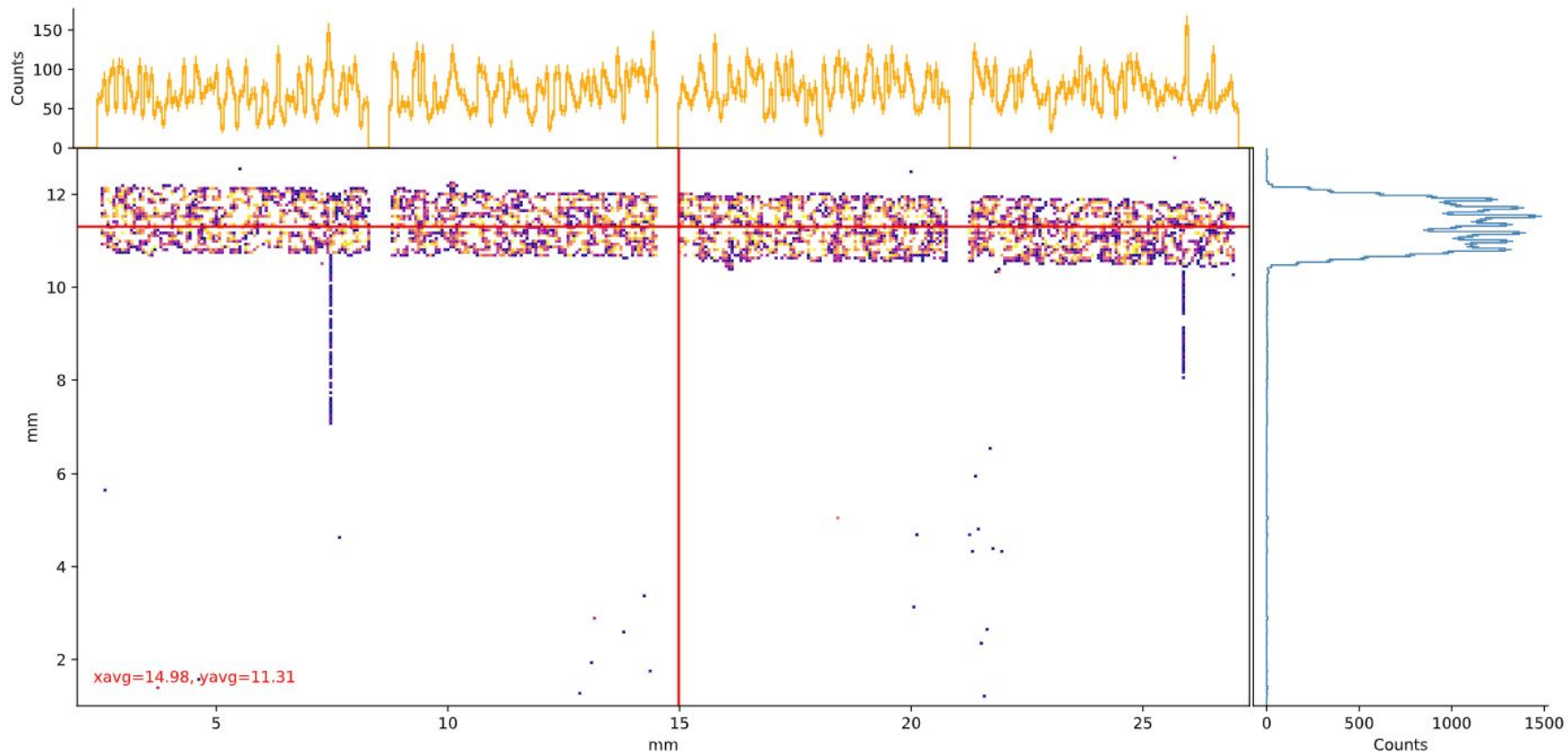


scanning to look for hot
spots

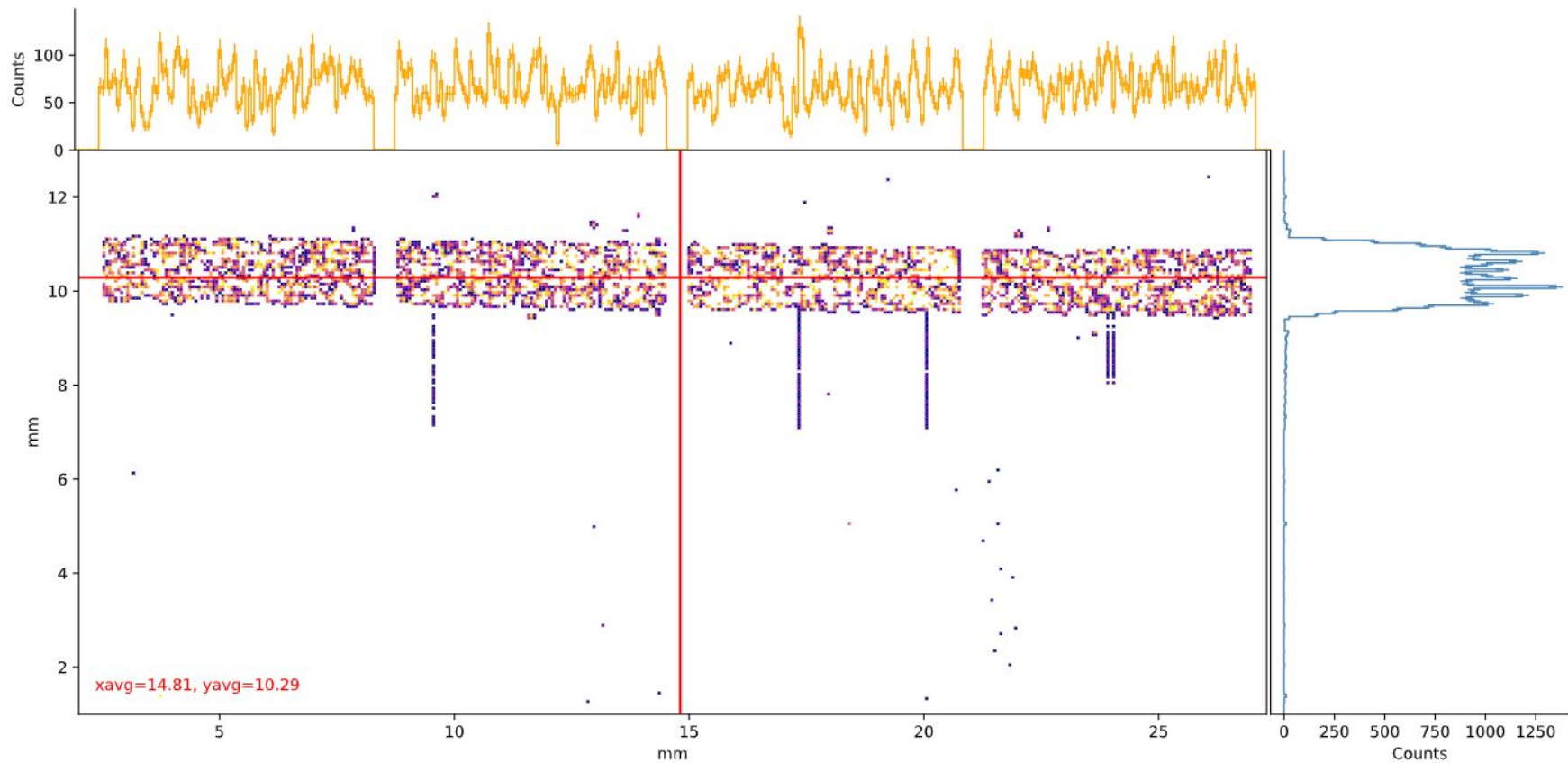
ry-5



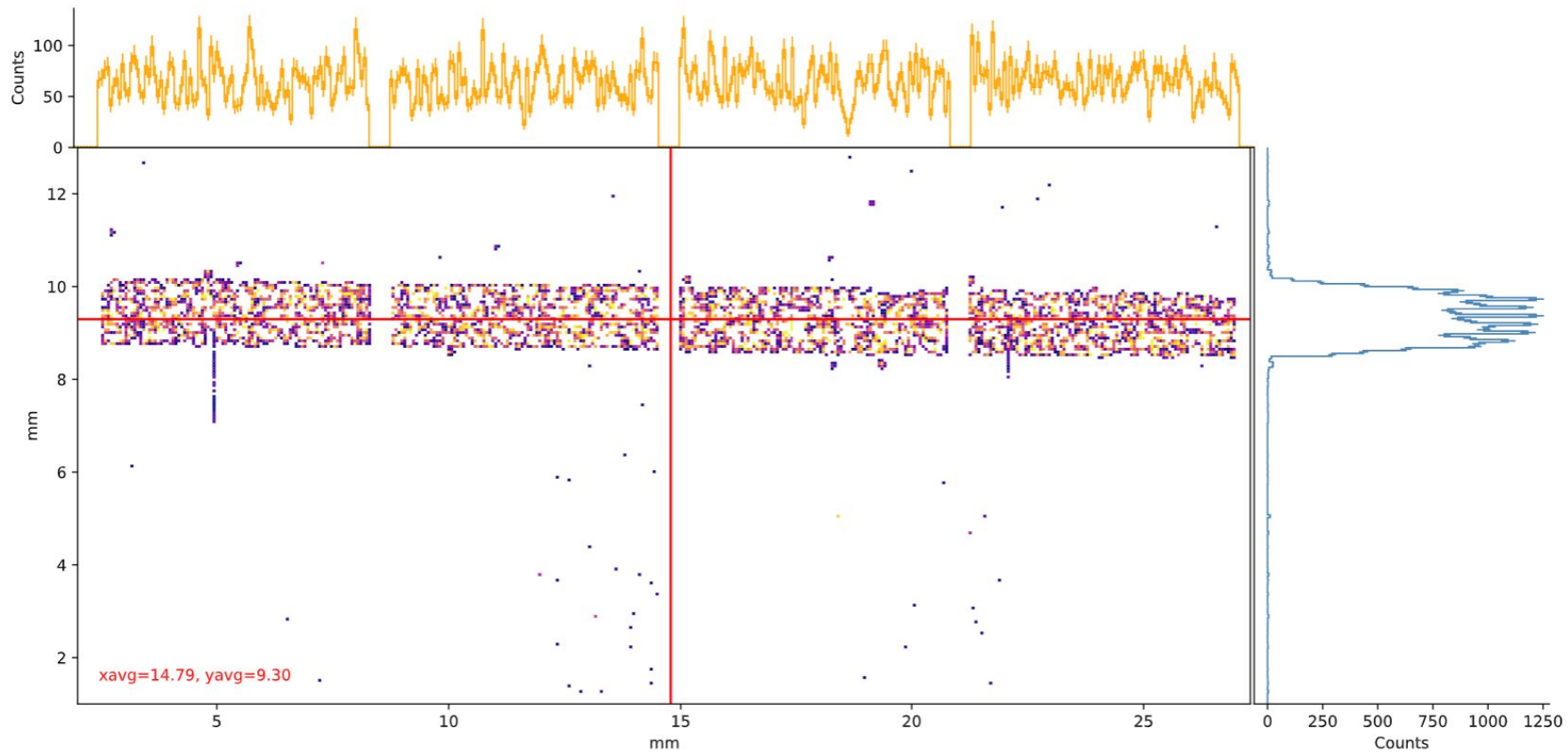
ry-4



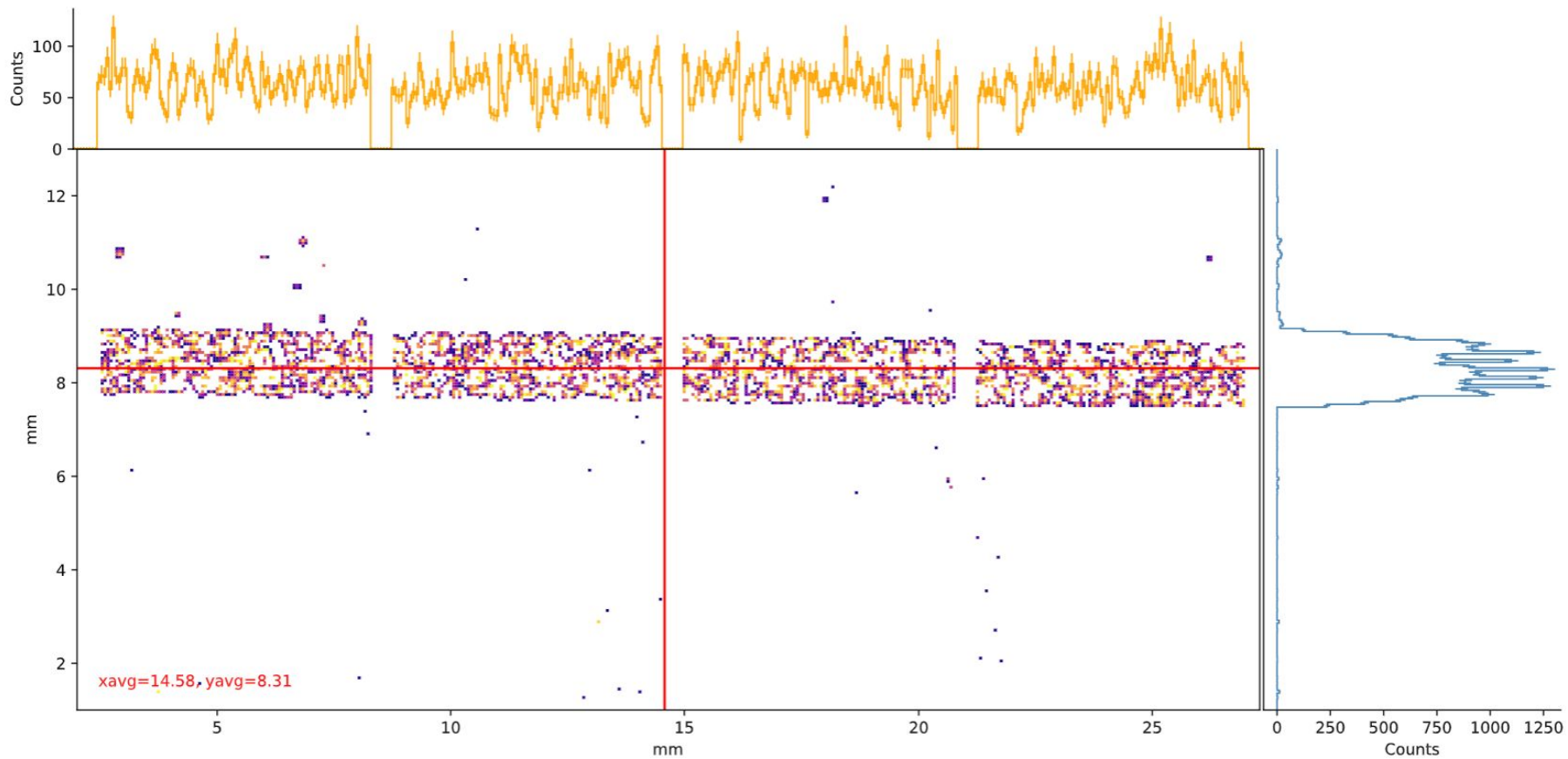
ry-3



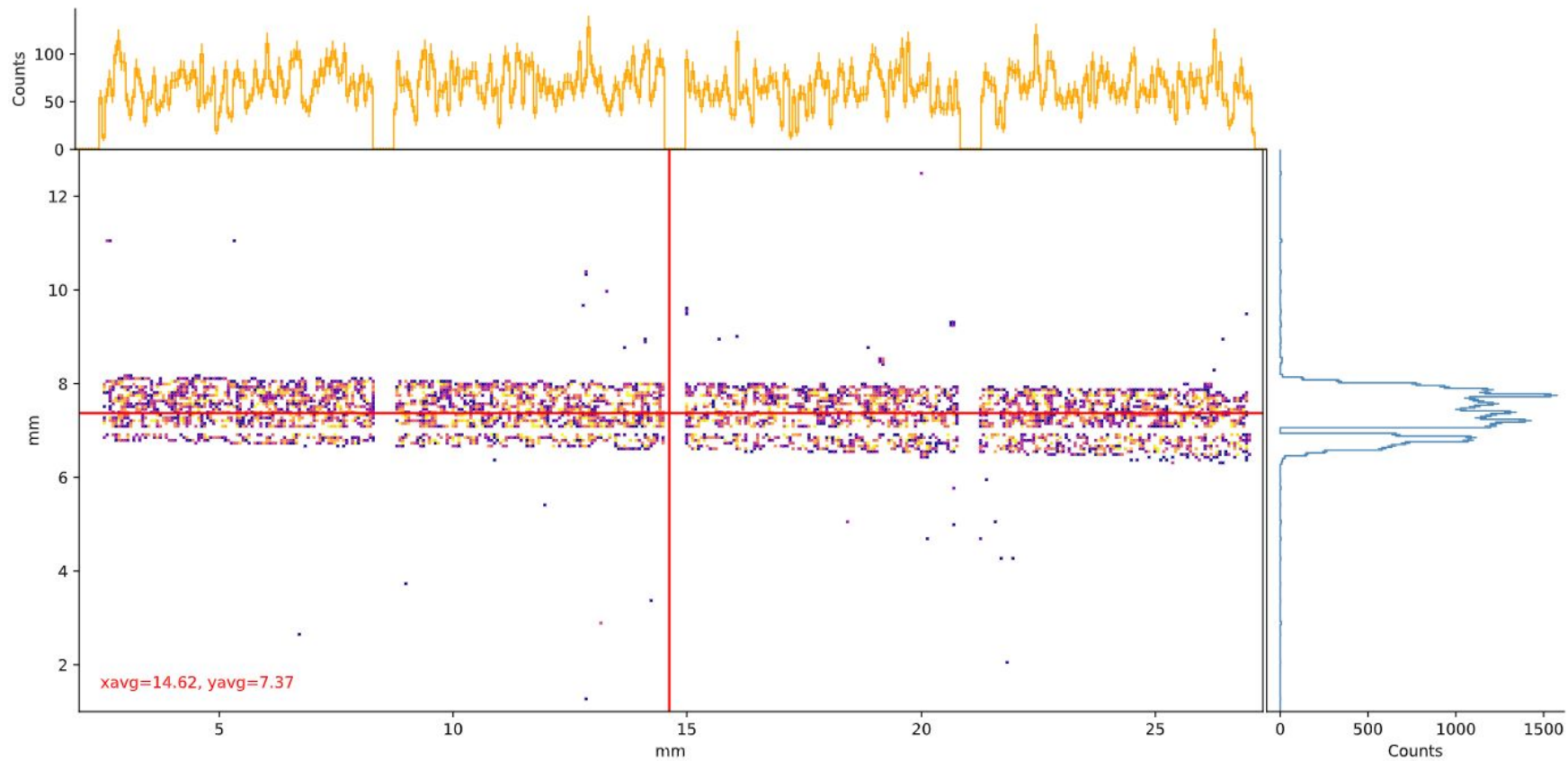
ry-2



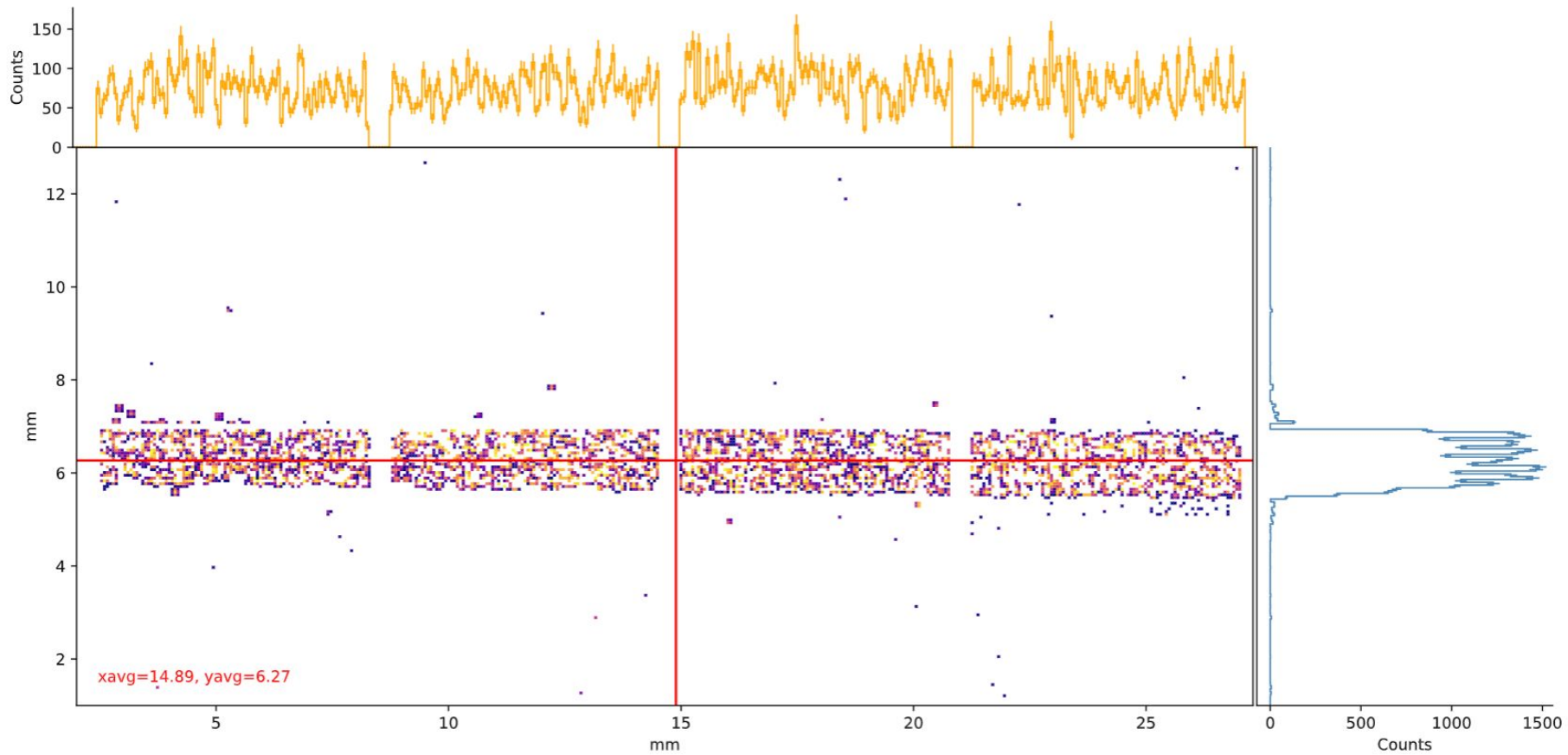
ry-1



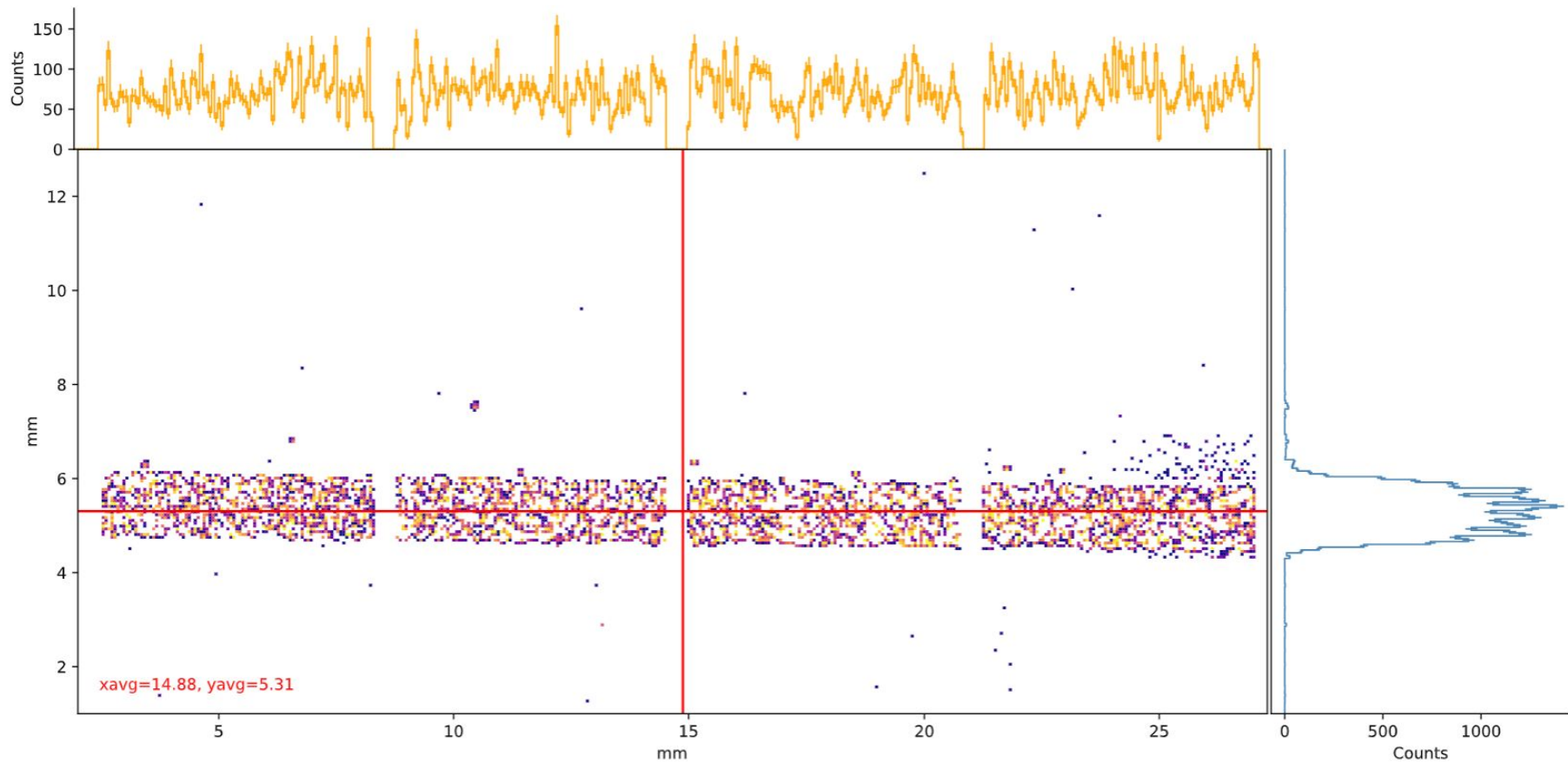
ry0



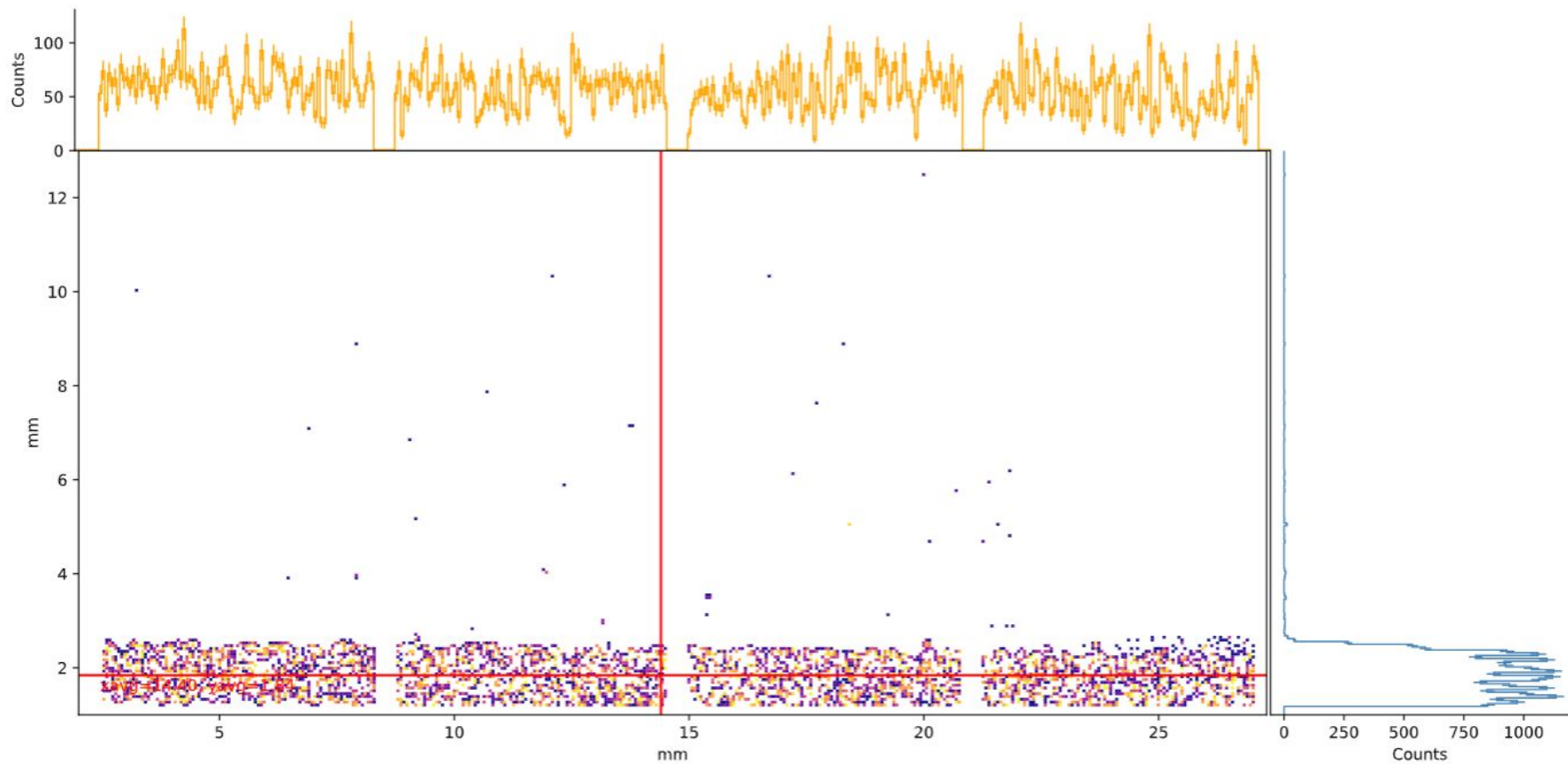
ry1



ry2

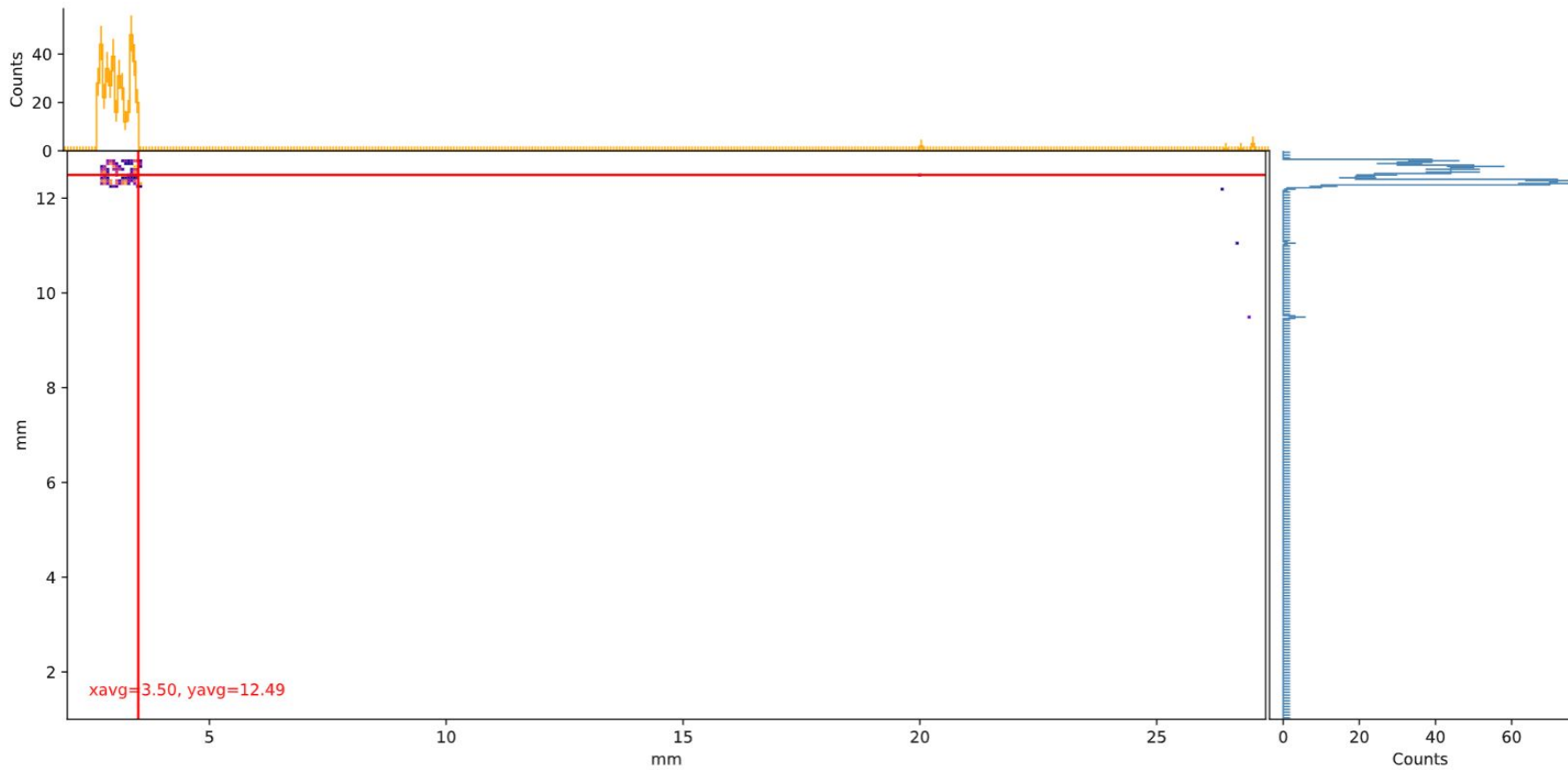


ry5.5

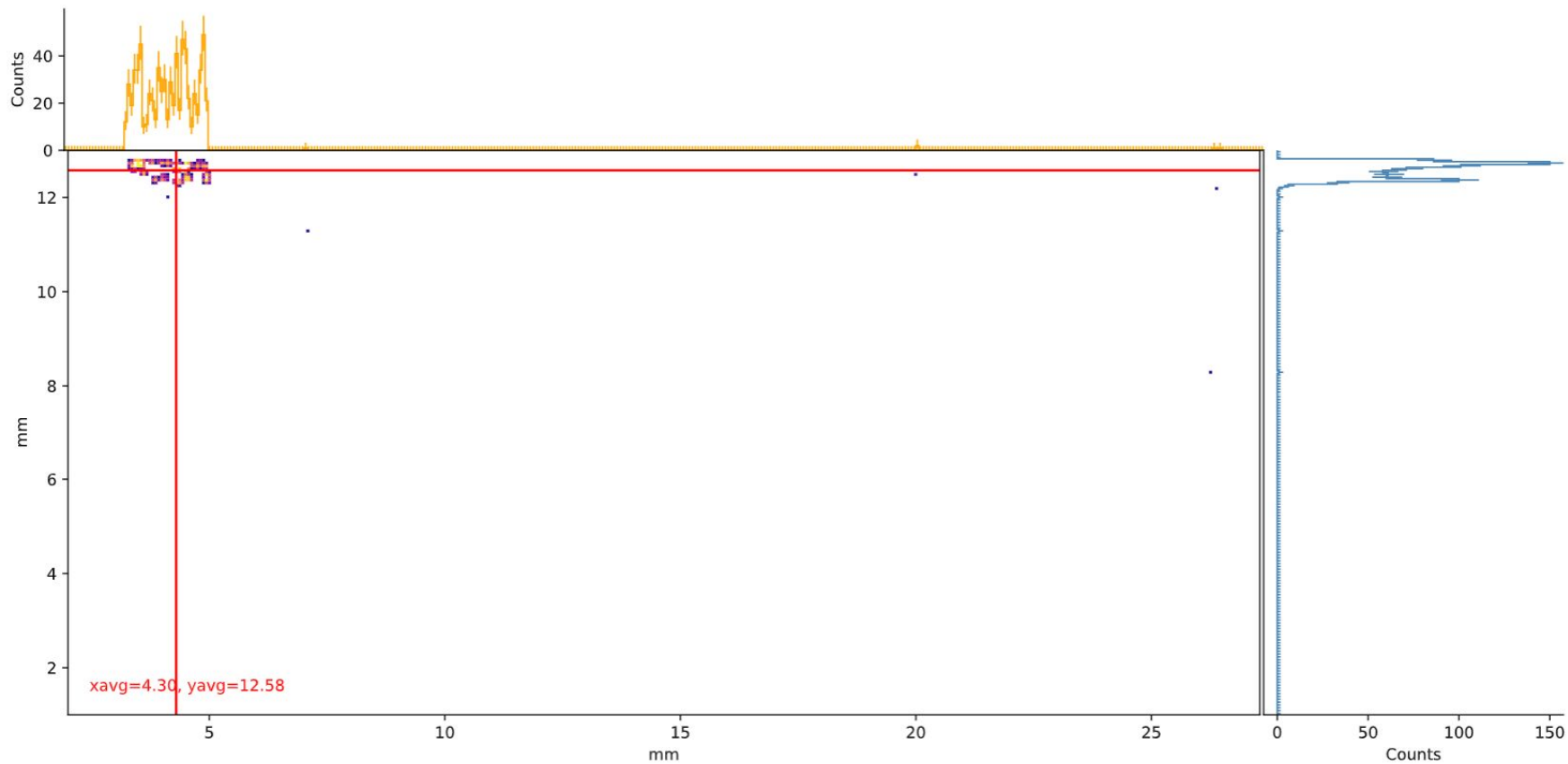


edges are prone to latches
– where?

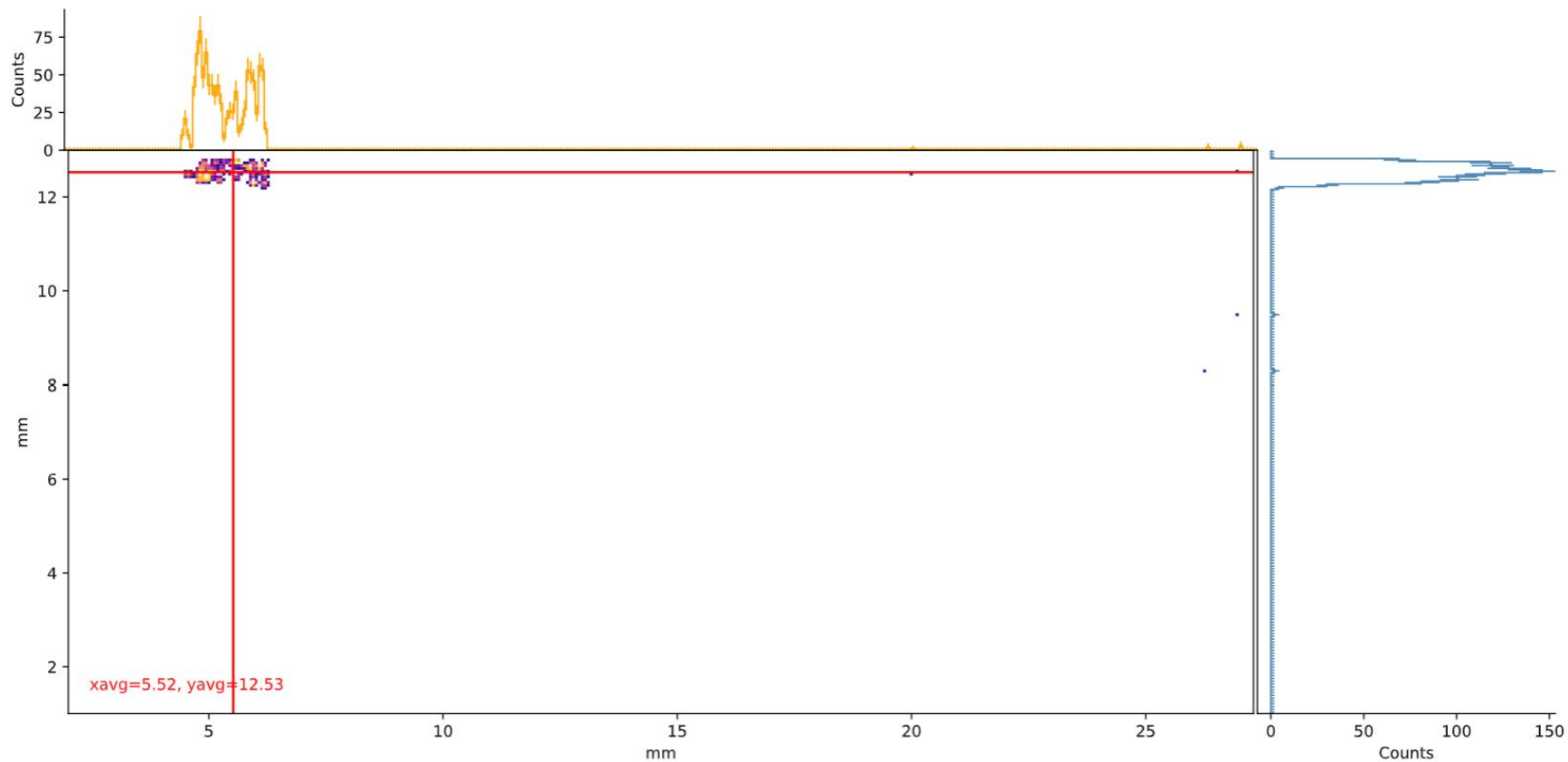
rx-11.25,ry-5.5



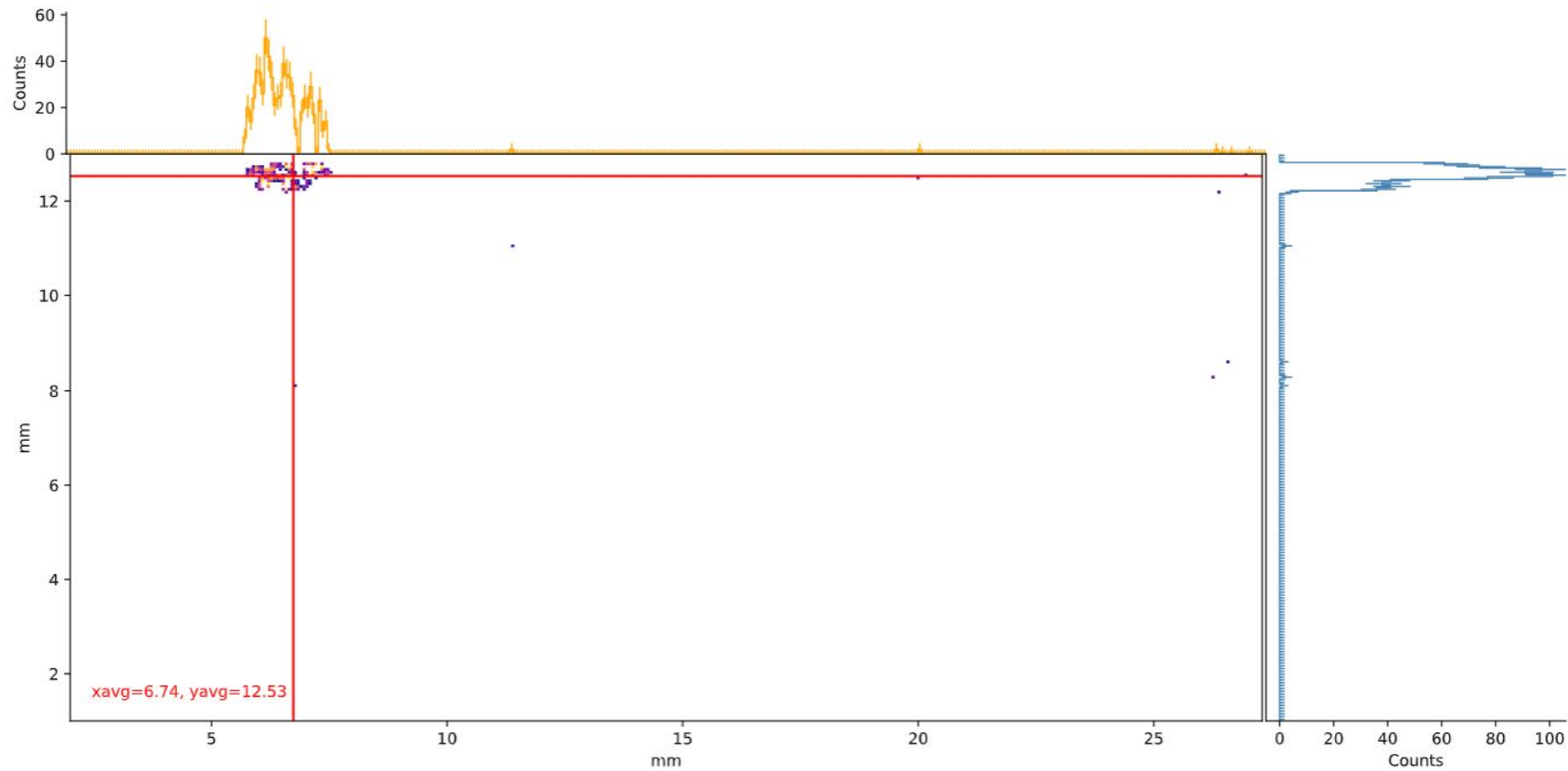
Rx-10, ry-5.5



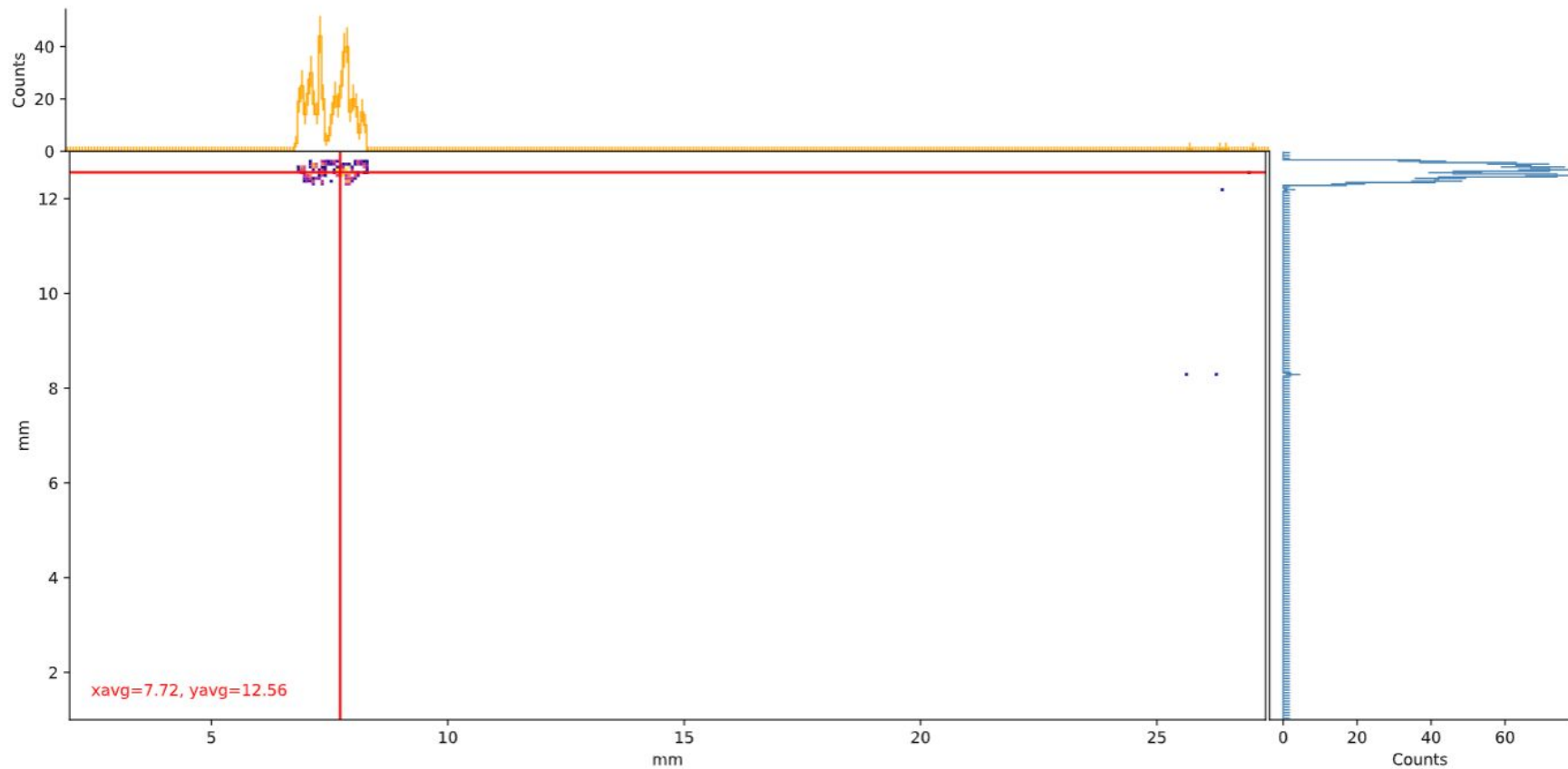
Rx-8.75, ry-5.5



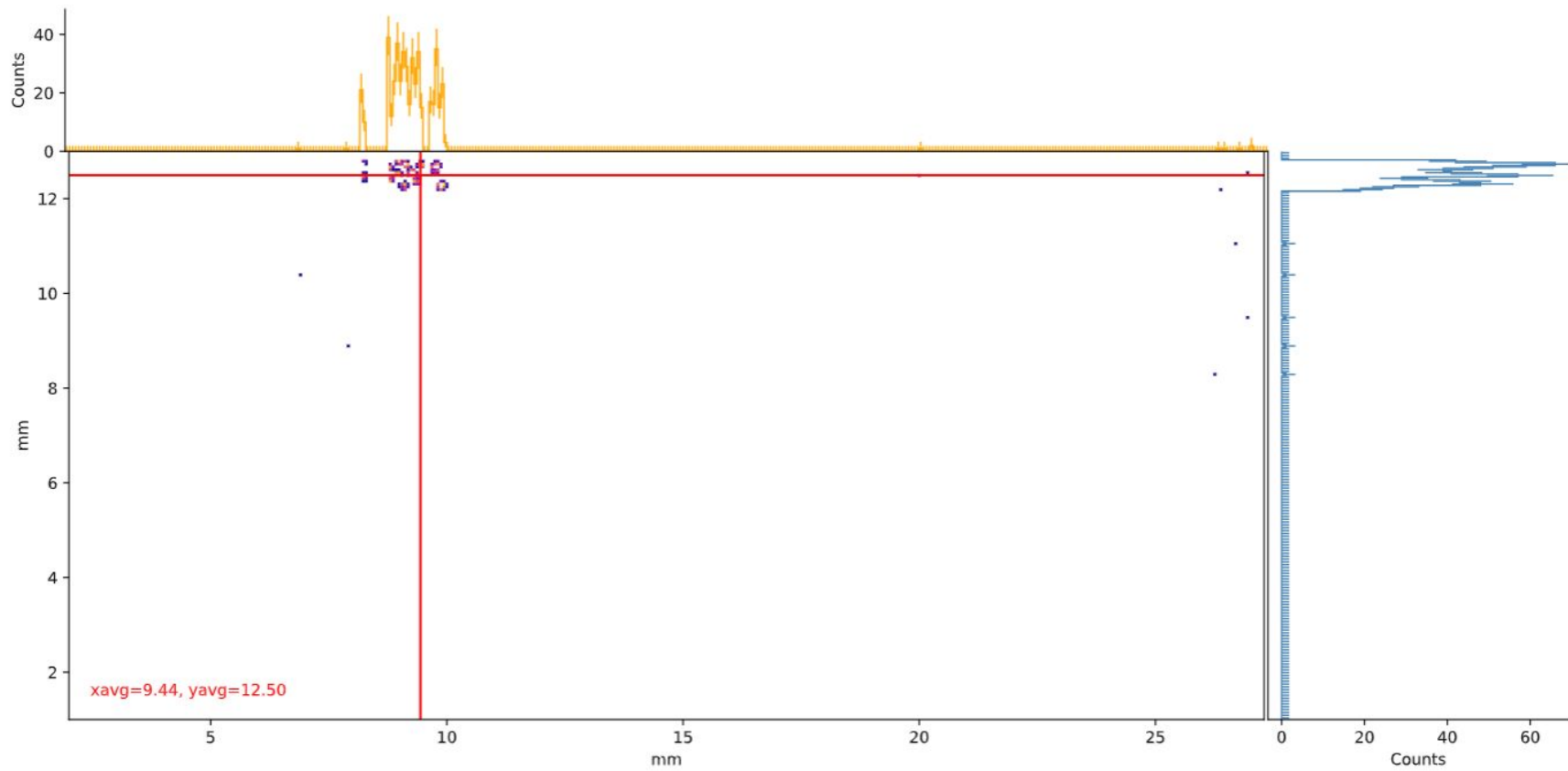
rx-7.50,ry-5.5



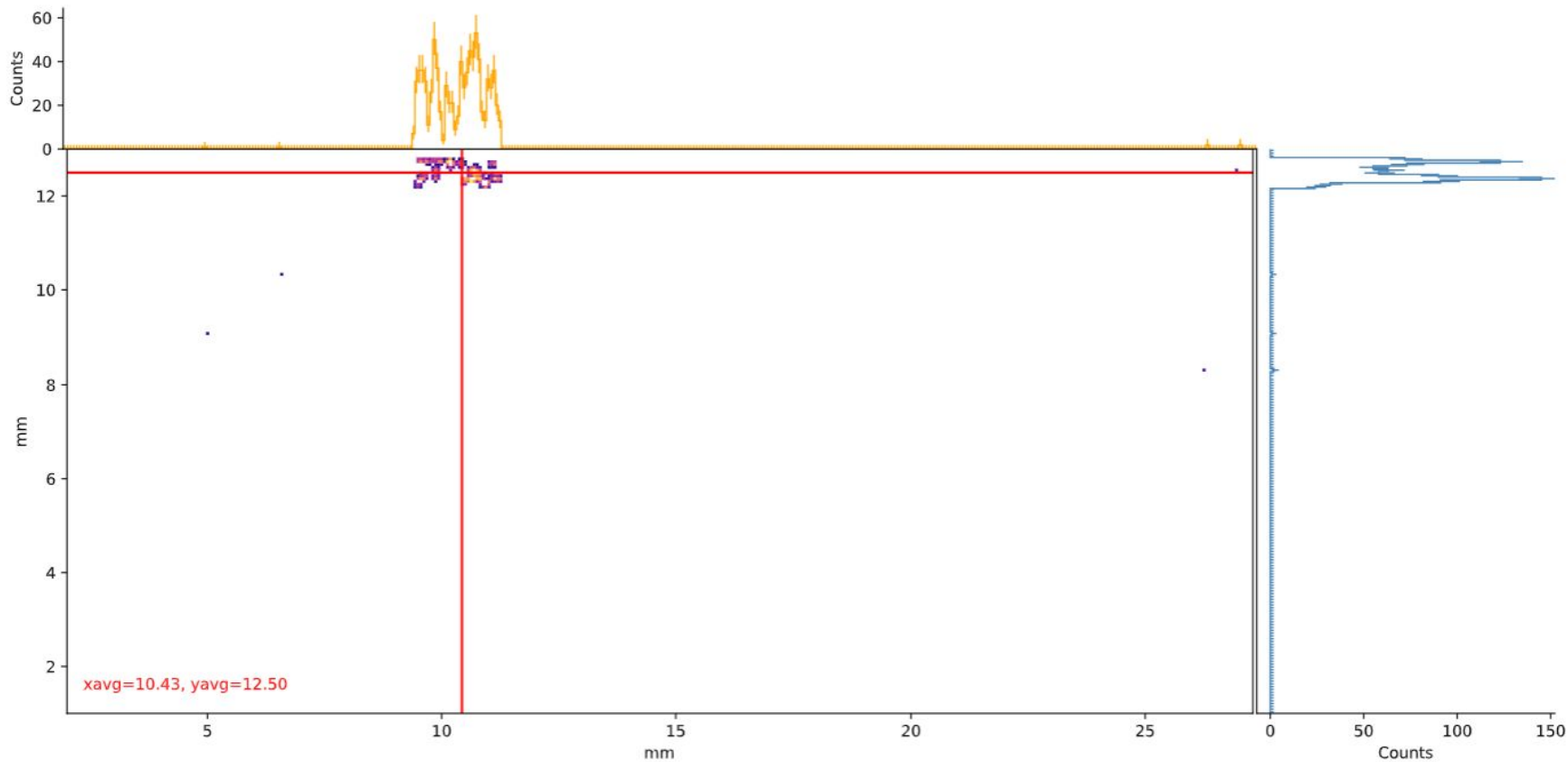
rx-6.25,ry-5.5



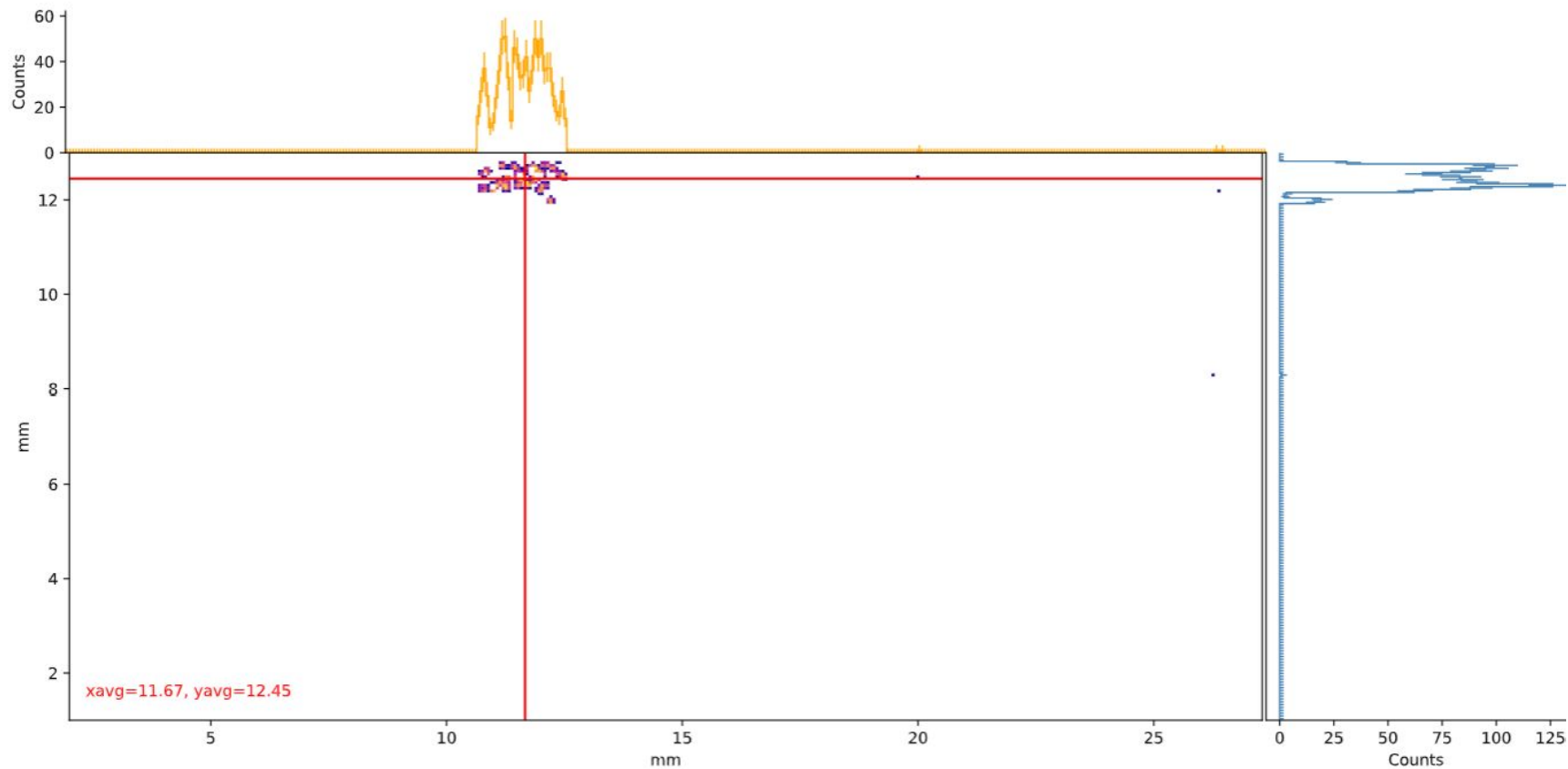
rx-5,ry-5.5



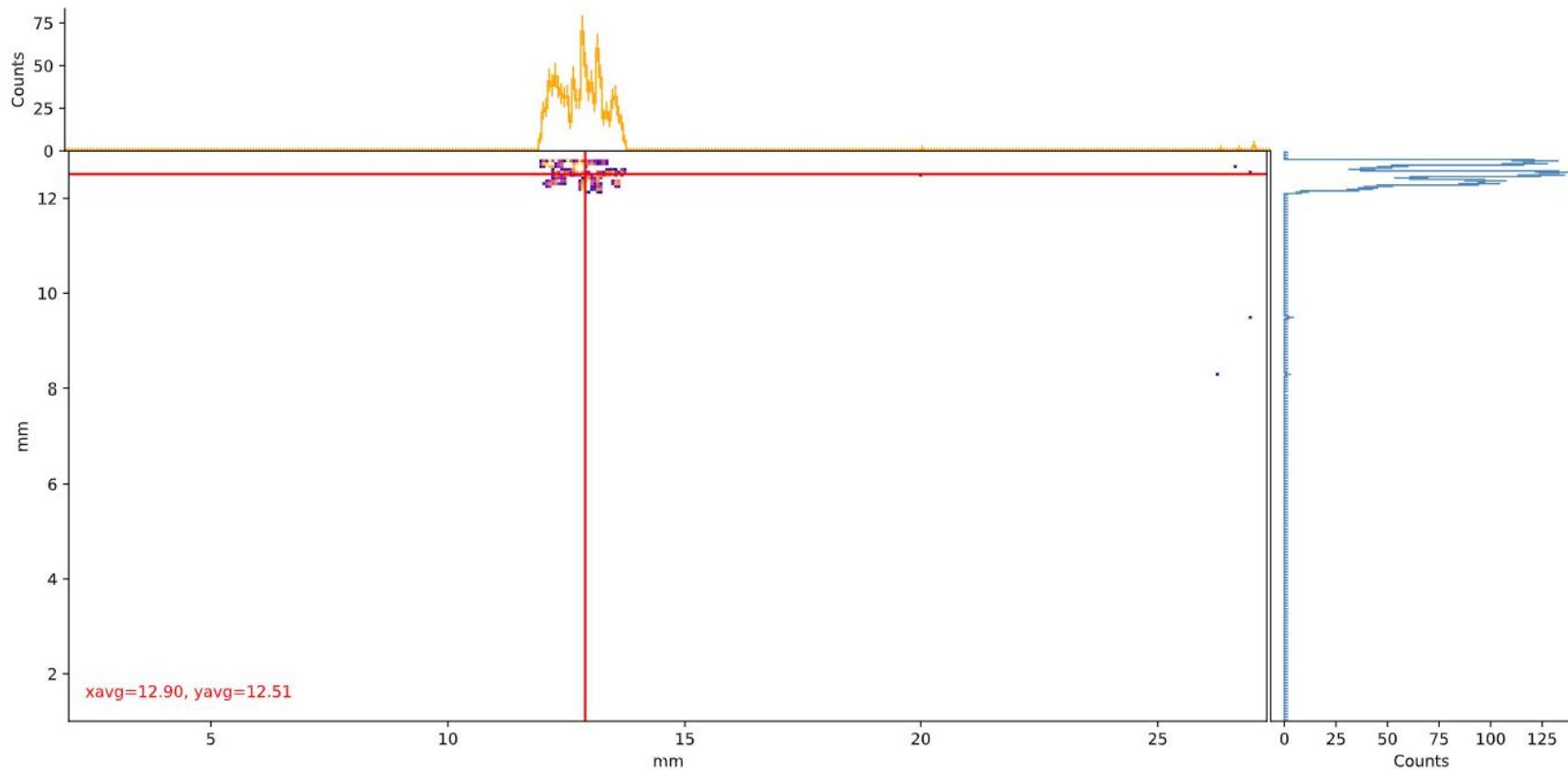
rx-3.75,ry-5.5



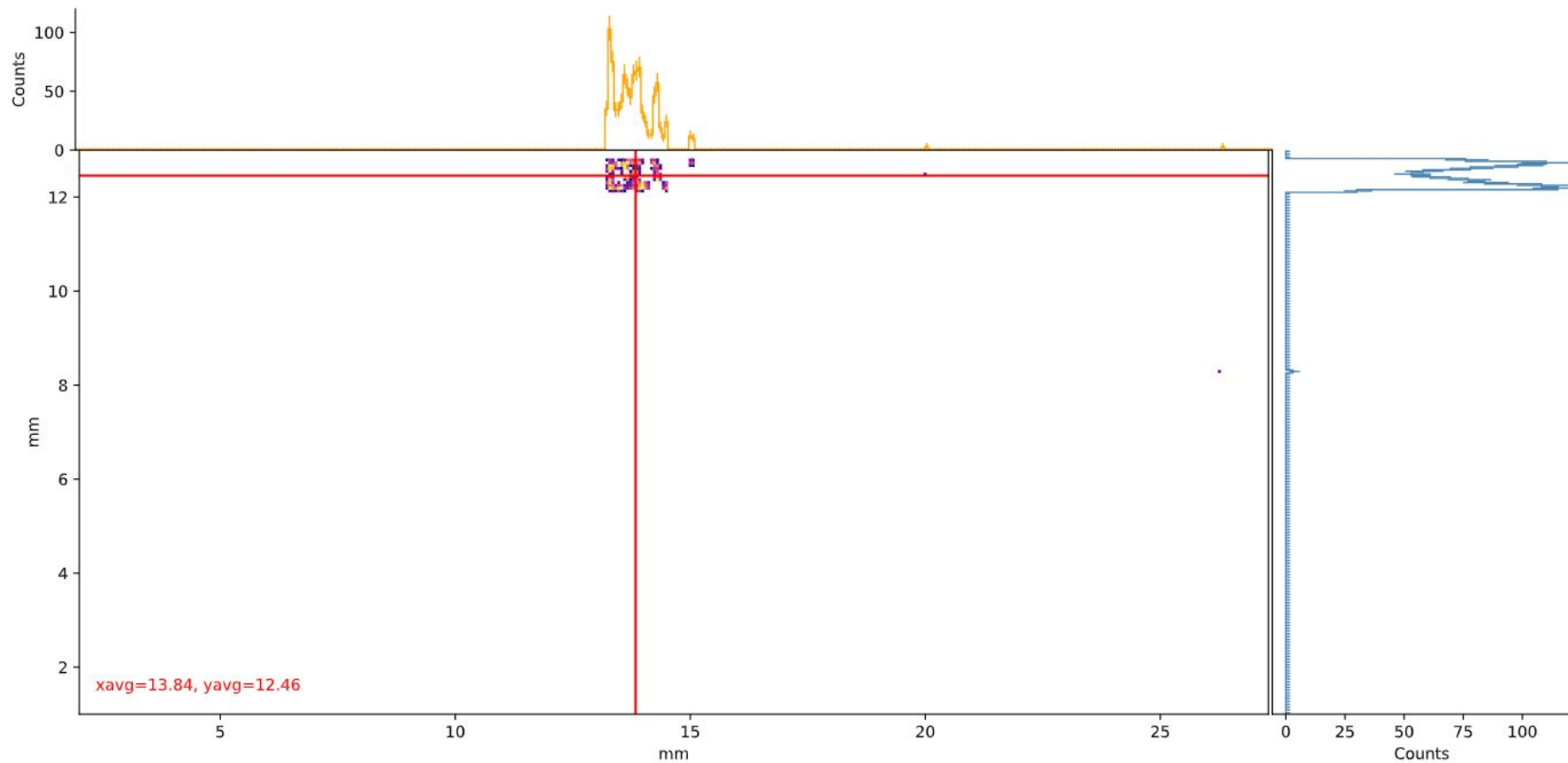
rx-2.50,ry-5.5



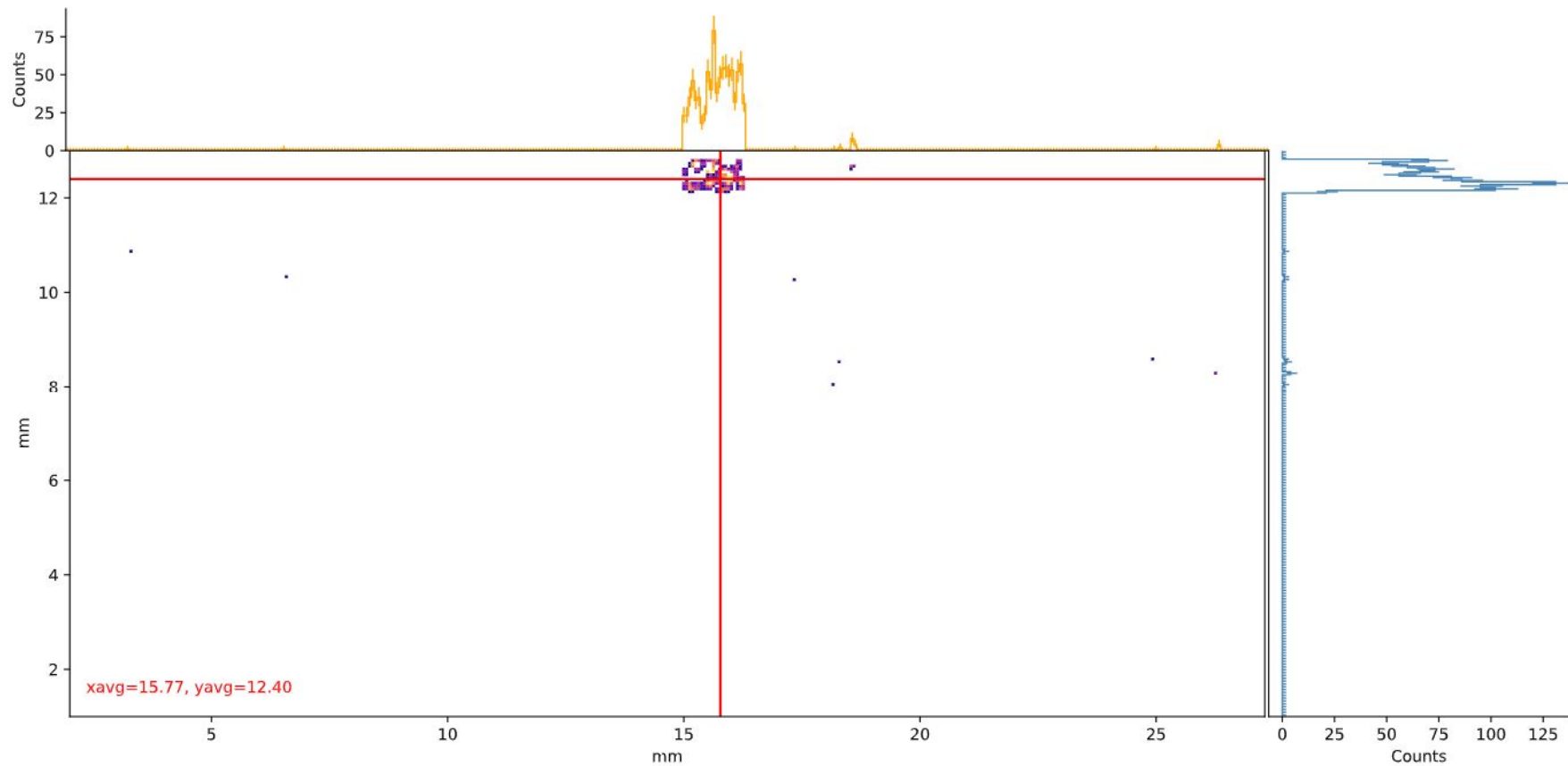
rx-1.25,ry-5.5



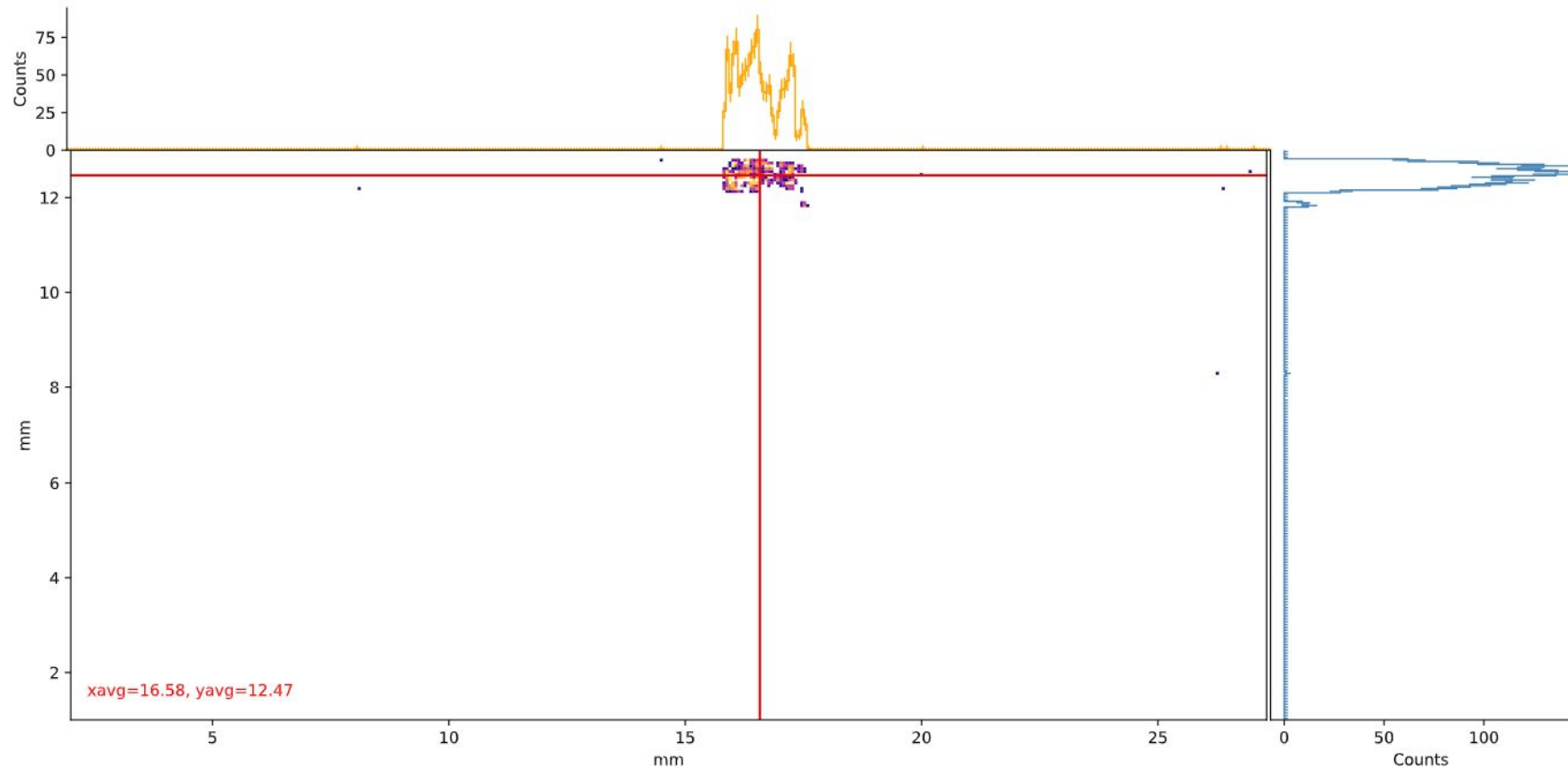
rx0,ry-5.5



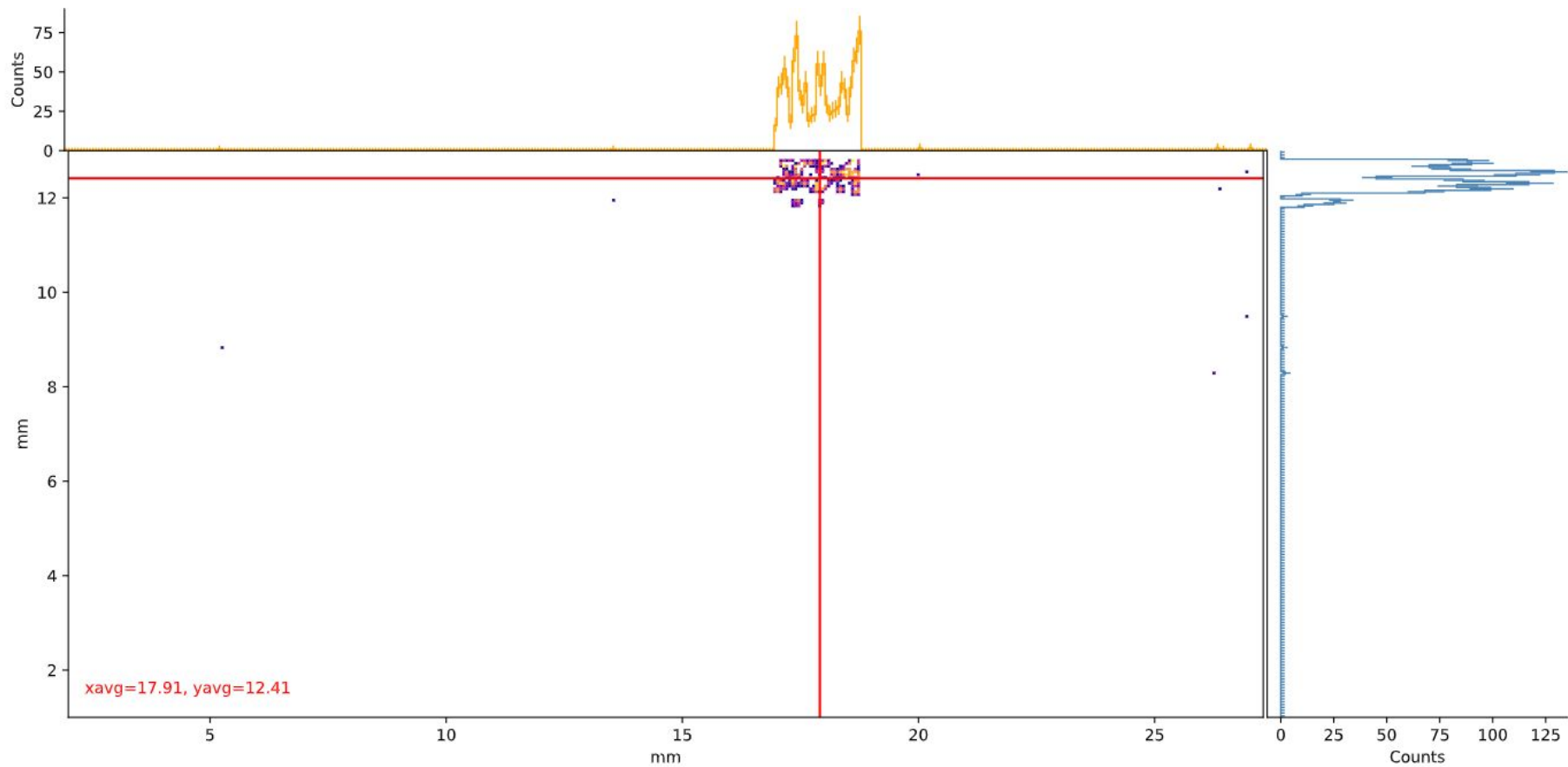
rx1.25,ry-5.5



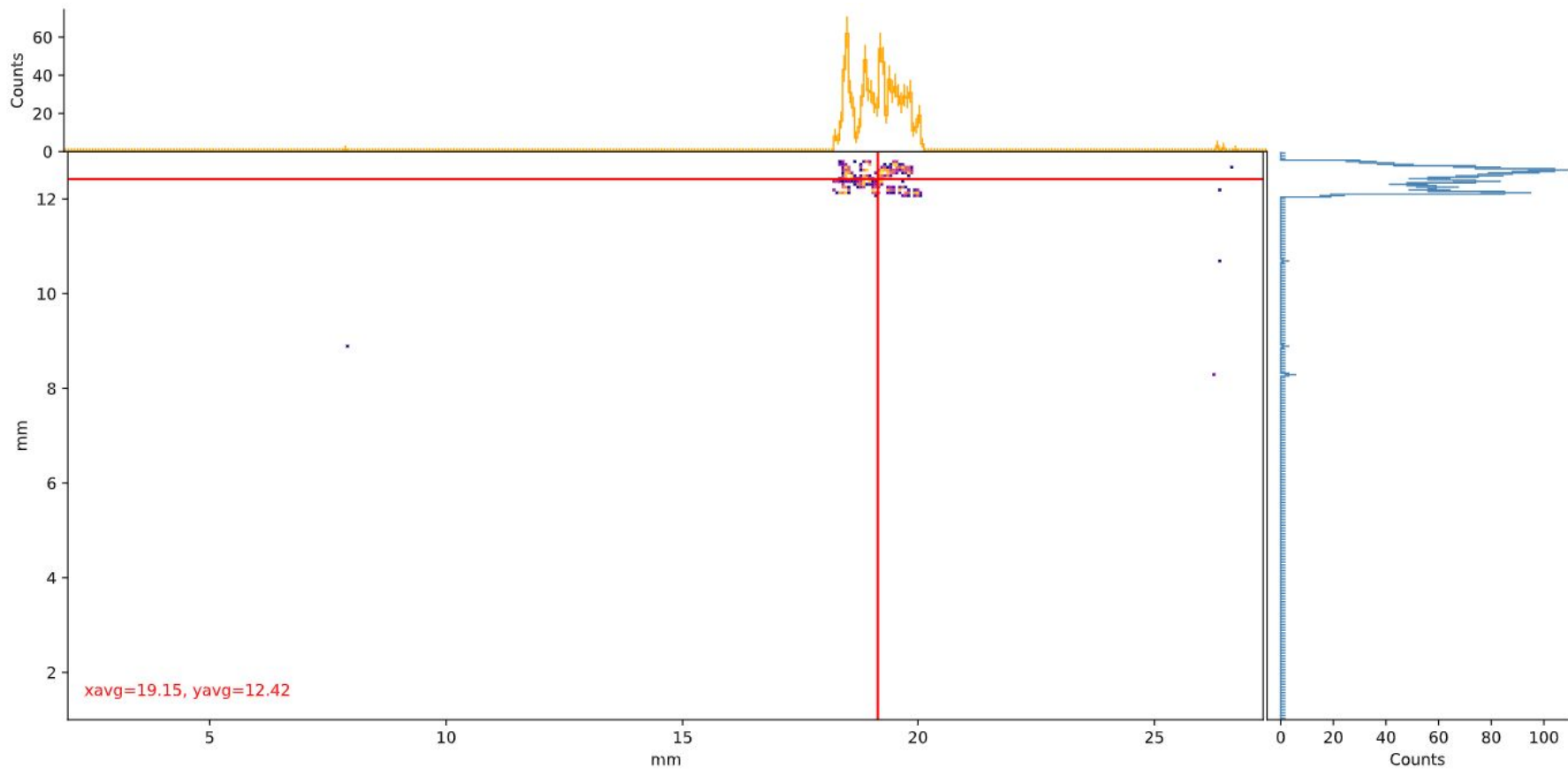
rx-2.50,ry-5.5



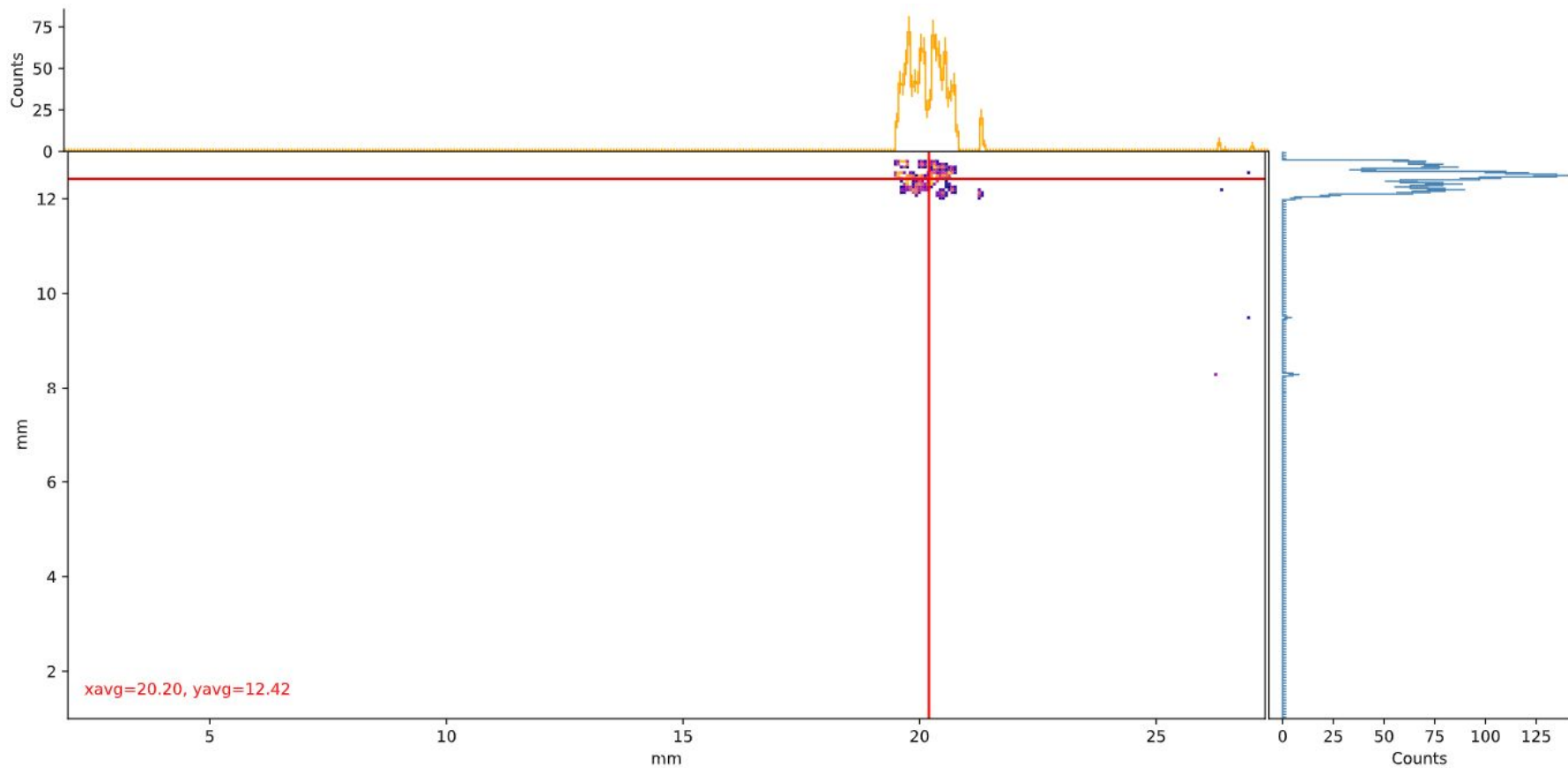
rx-3.75,ry-5.5



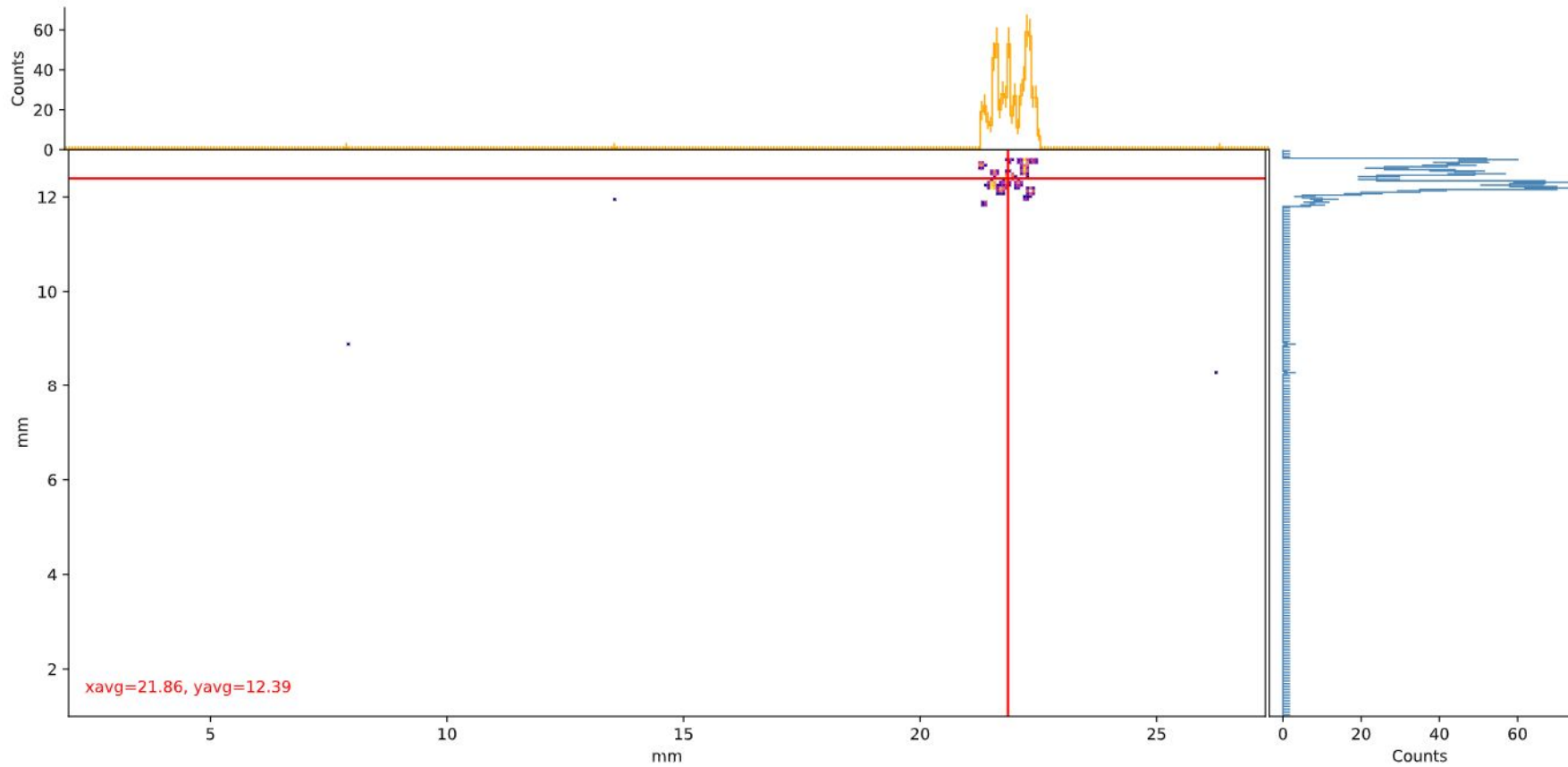
rx-5.00,ry-5.5



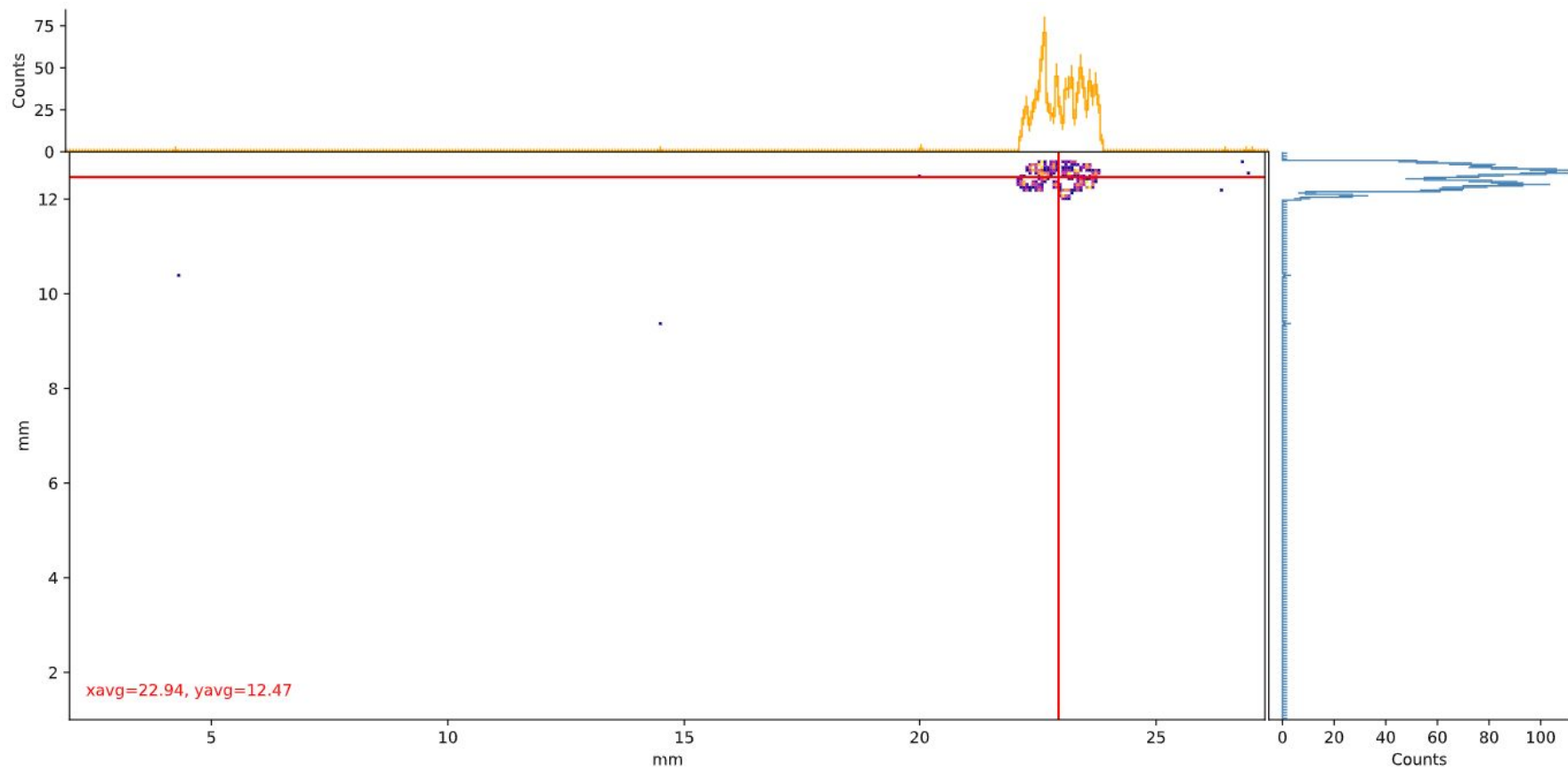
rx6.25,ry-5.5



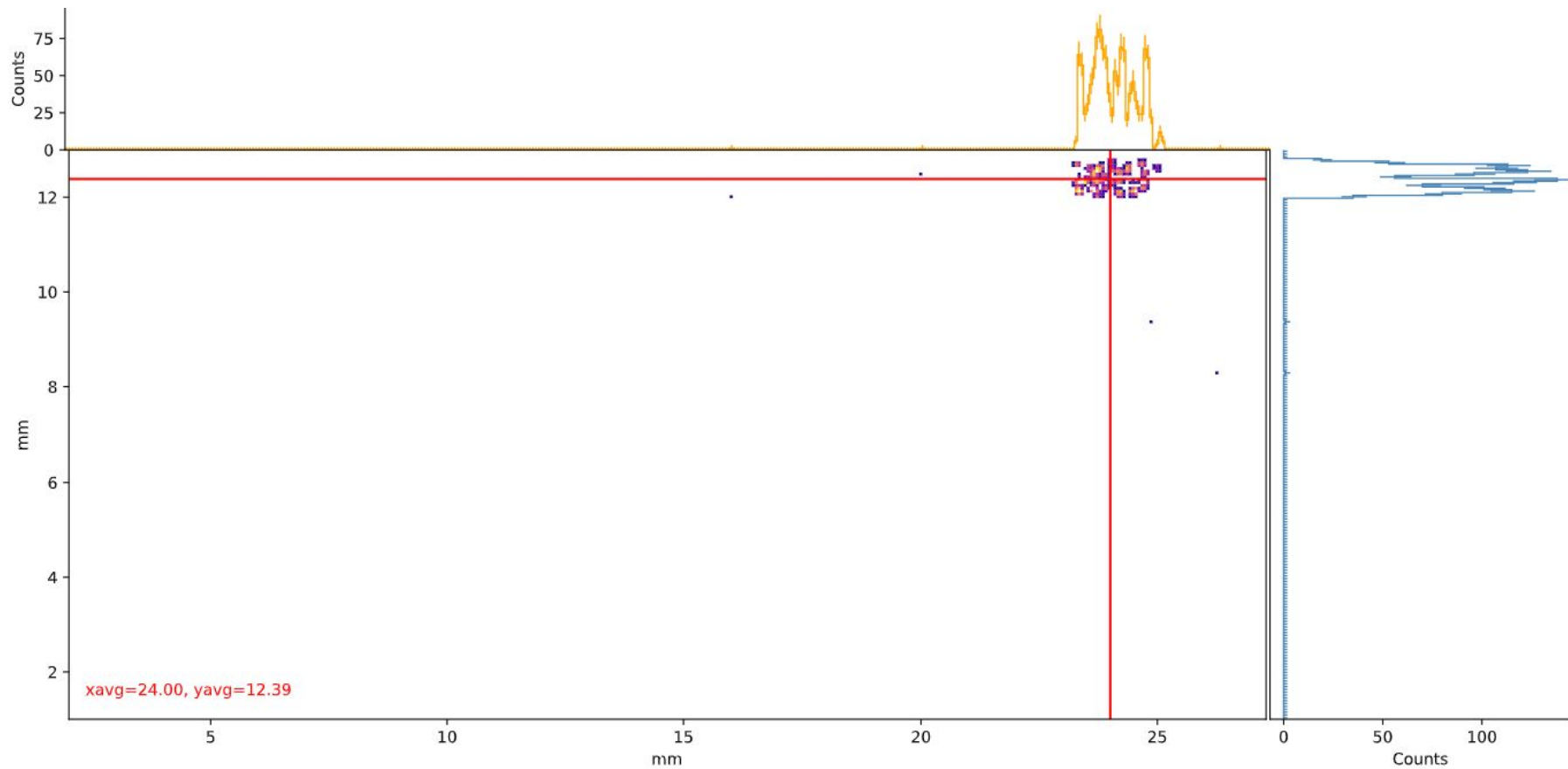
rx7.50,ry-5.5



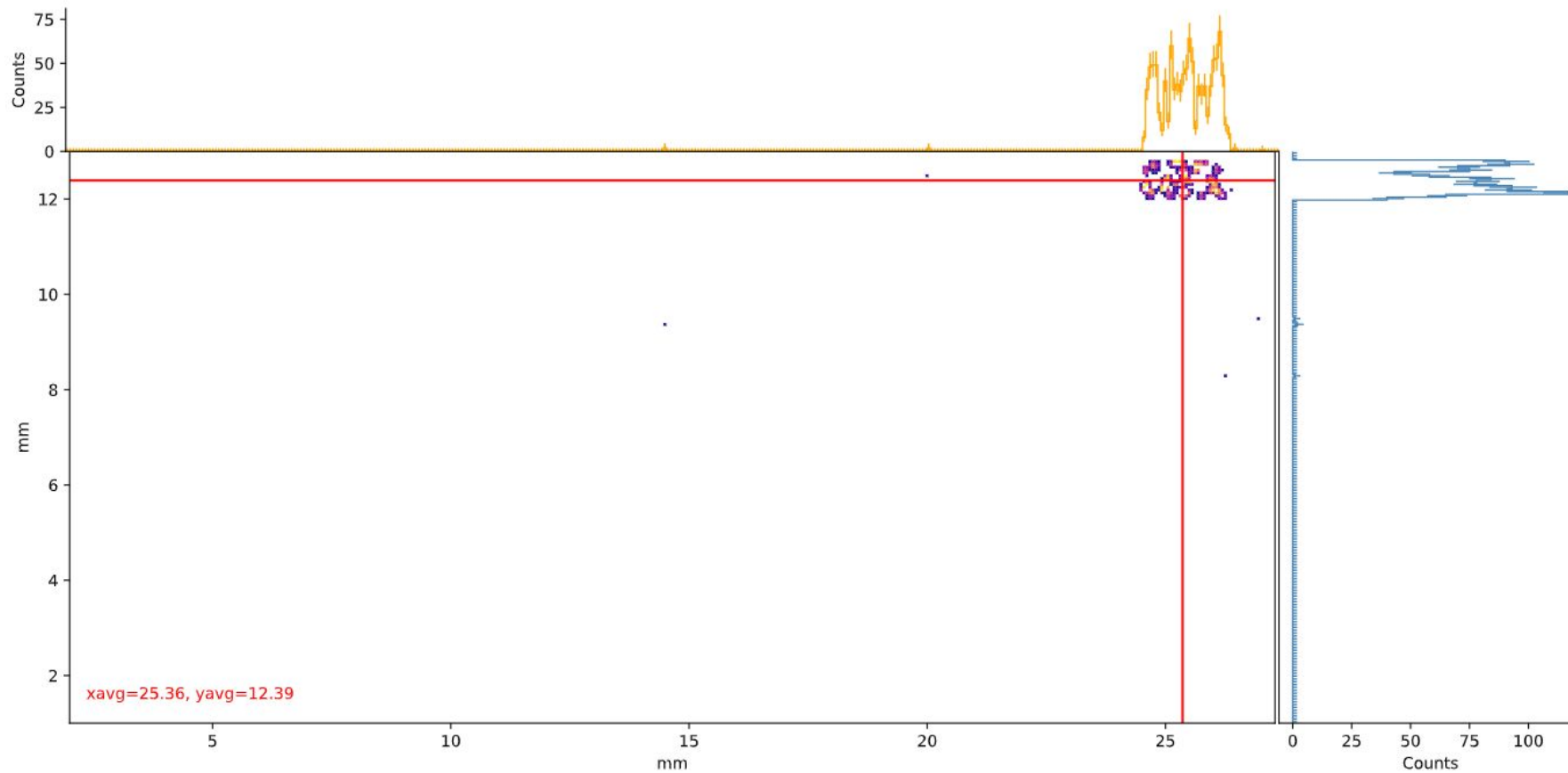
rx8.75,ry-5.5



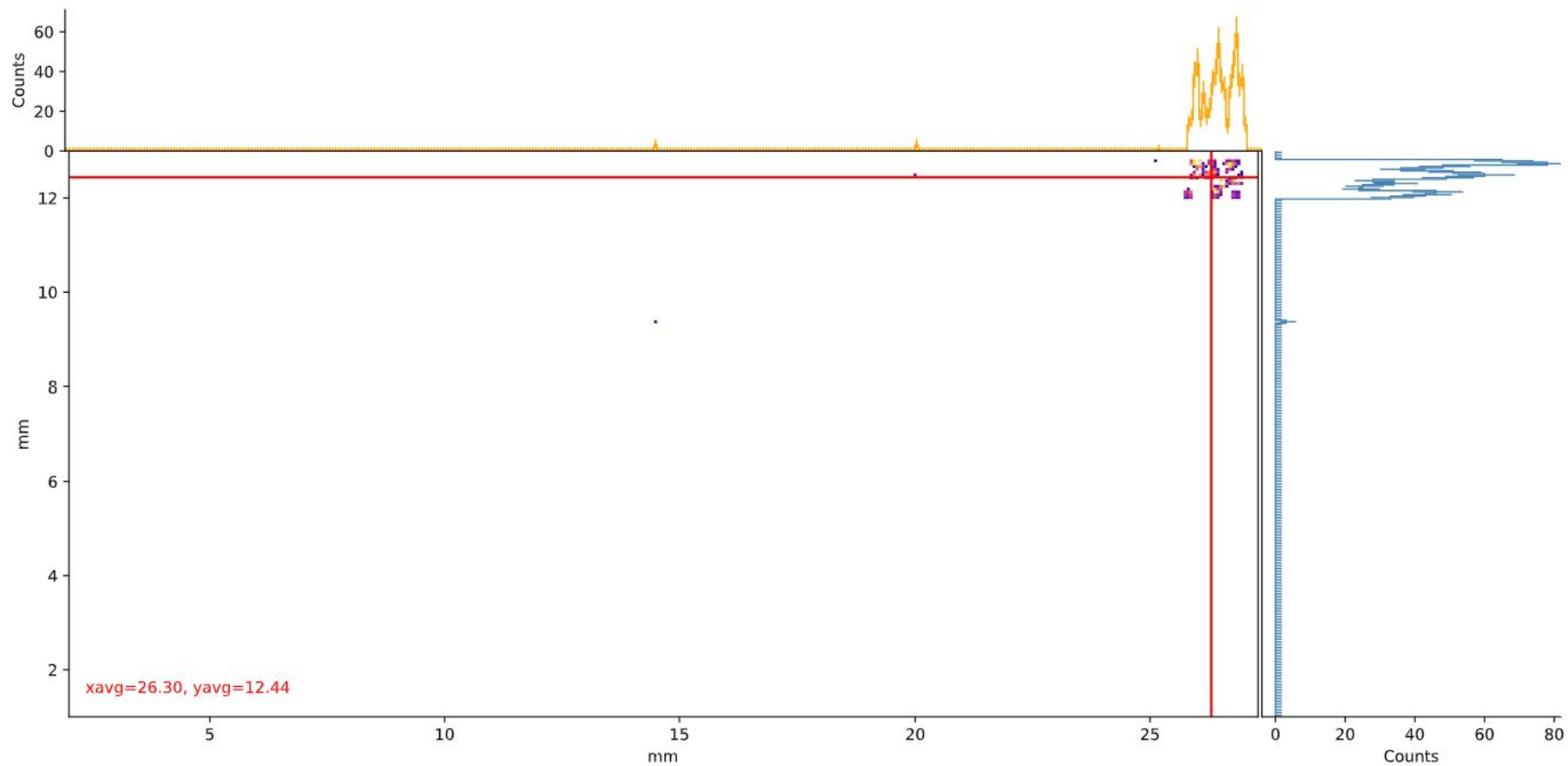
rx10.00,ry-5.5



rx11.25,ry-5.5

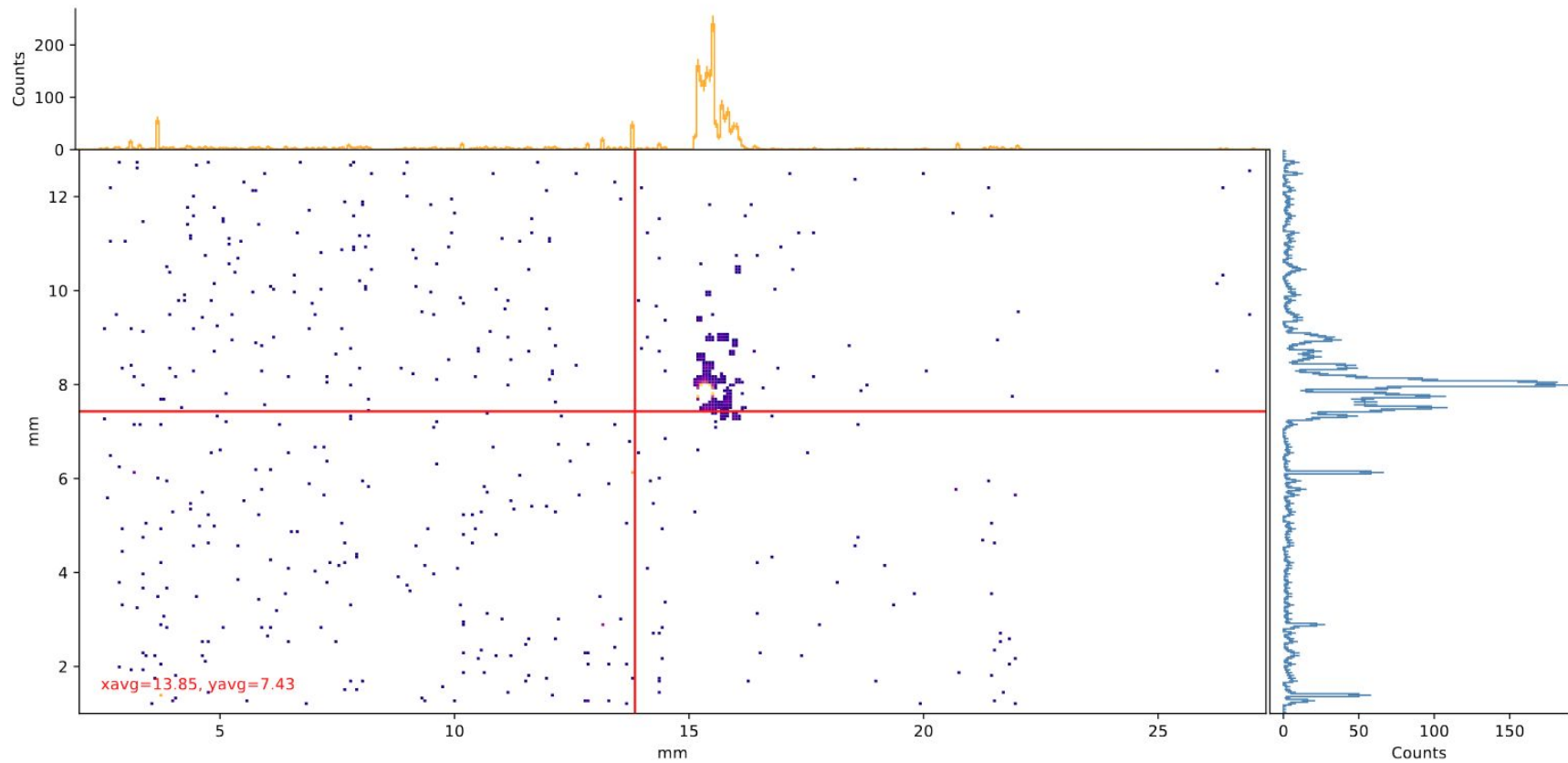


rx12.50,ry-5.5

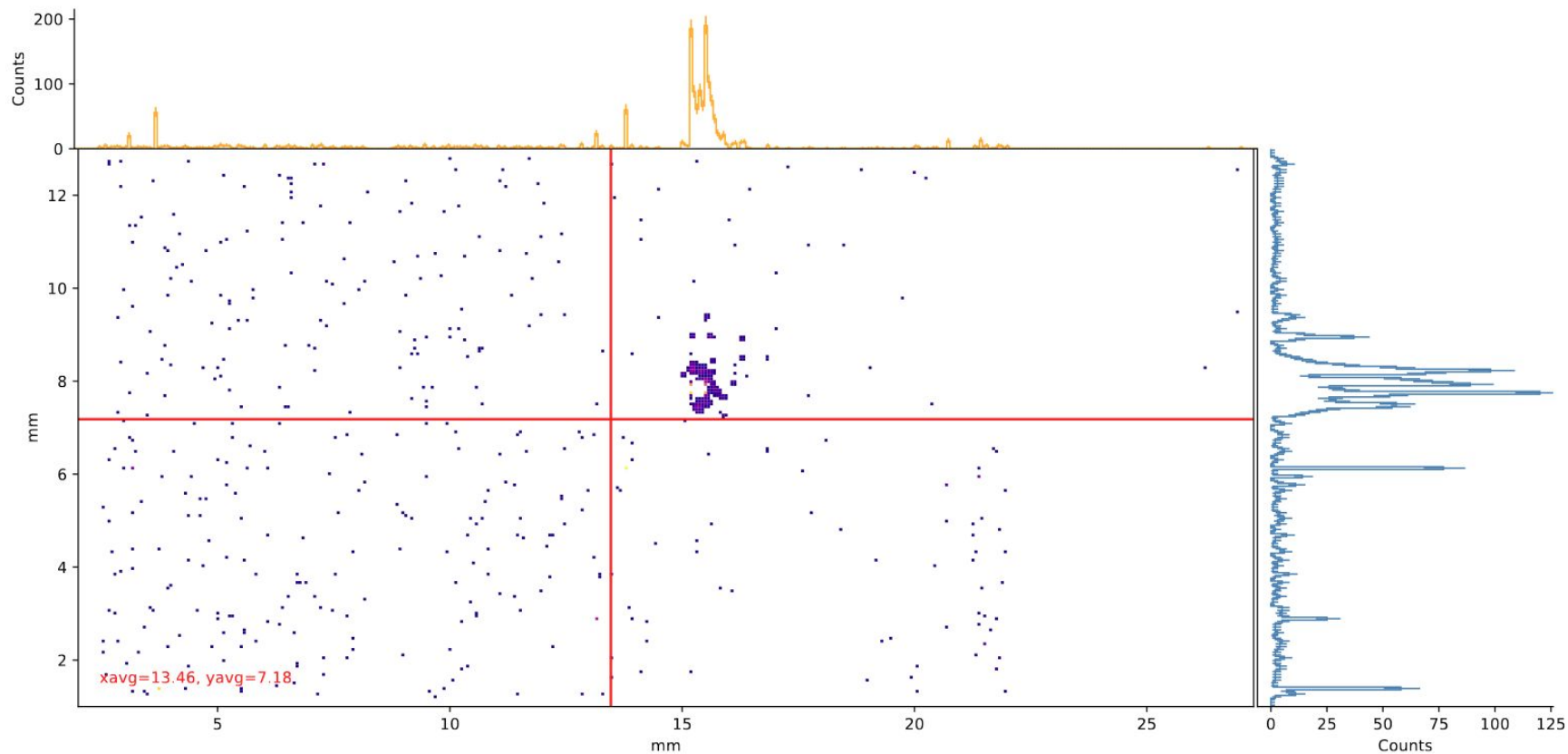


narrowed the collimator
shims to zoom in

center1



center2



center3

