FAILED: Bin 27, p-value=0.0002 1.6 Validation (avg=4.16) Generated (avg=5.08) 1.4 -1.2 -1.0 -Density 8°0 0.6 -0.4 -0.2 0.0 20 15 10 Charge Value

FAILED: Bin 28, p-value=0.0002 Validation (avg=4.47) 2.00 Generated (avg=5.33) 1.75 -1.50 -1.25 -Density - 00°T 0.75 -0.50 -0.25 -0.00 20 0 5 10 15

Charge Value

EXCLUDED: Bin 0, Average charge values (1.19, 1.02) below threshold 5 Validation (avg=1.19) 16 -Generated (avg=1.02) 14 -12 -10 -Density 6 · 4 2 0 Charge Value

EXCLUDED: Bin 1, Average charge values (1.27, 1.08) below threshold 5 Validation (avg=1.27) 16 -Generated (avg=1.08) 14 · 12 -10 -Density 6 4 2 0 5 2 6 Charge Value