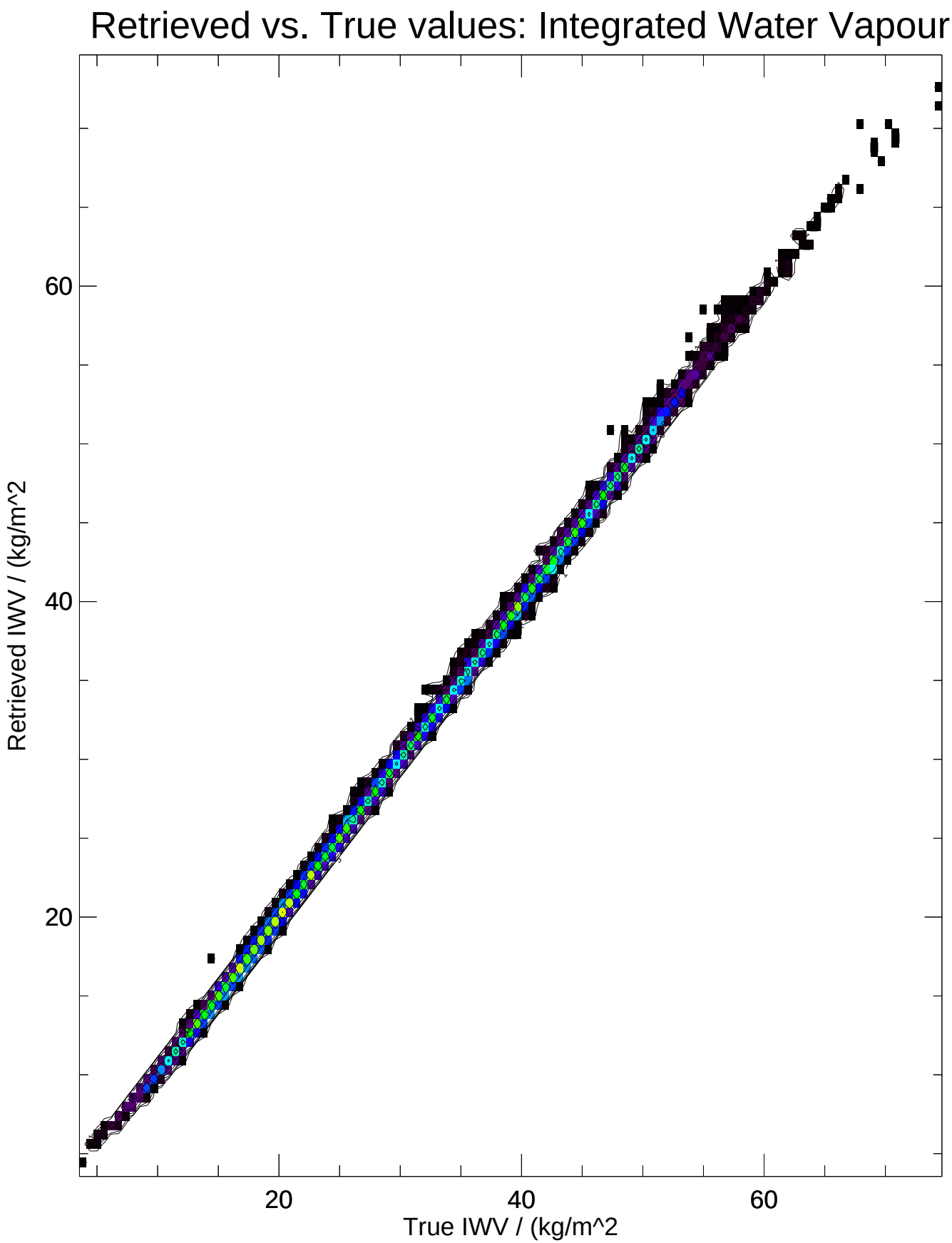
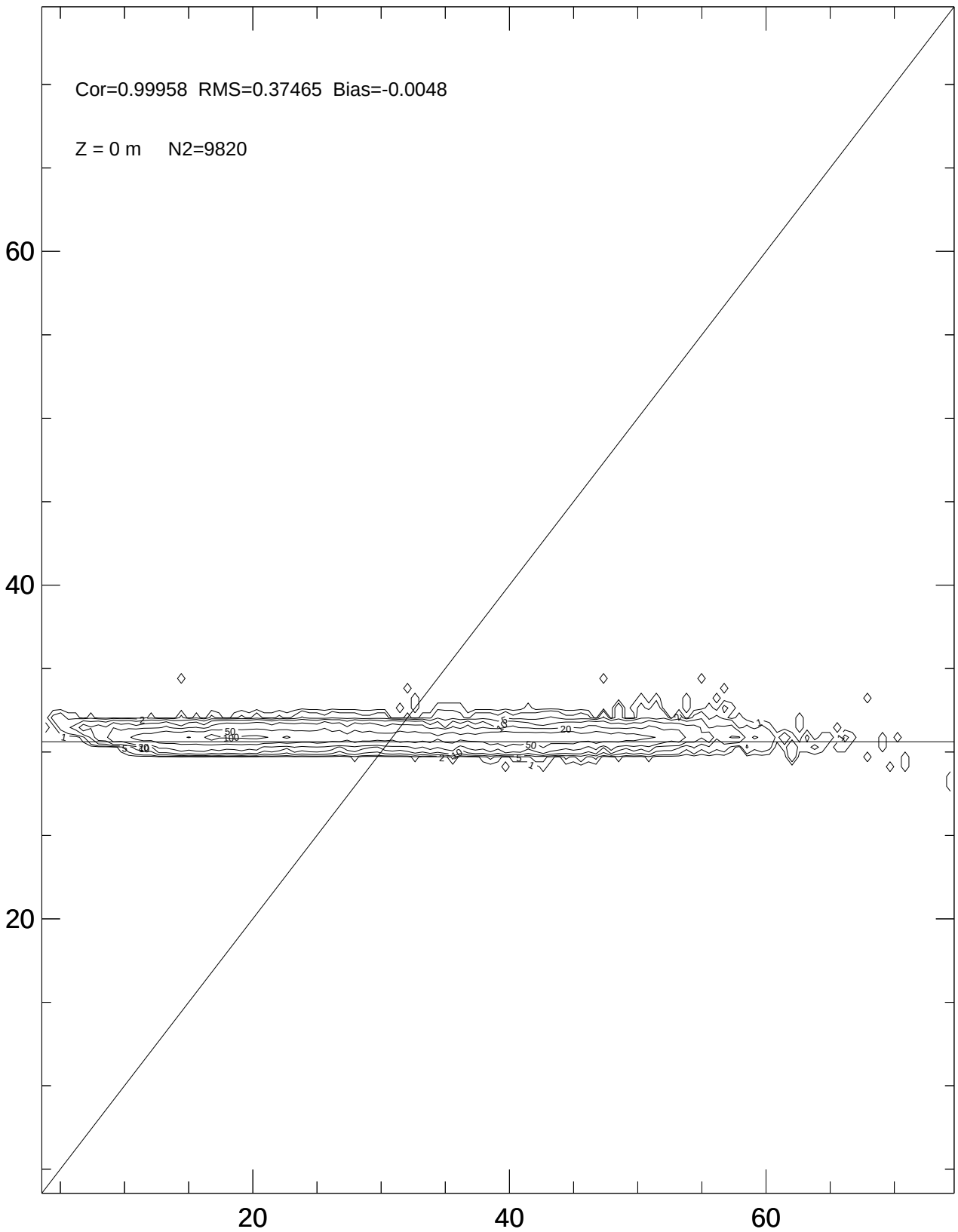
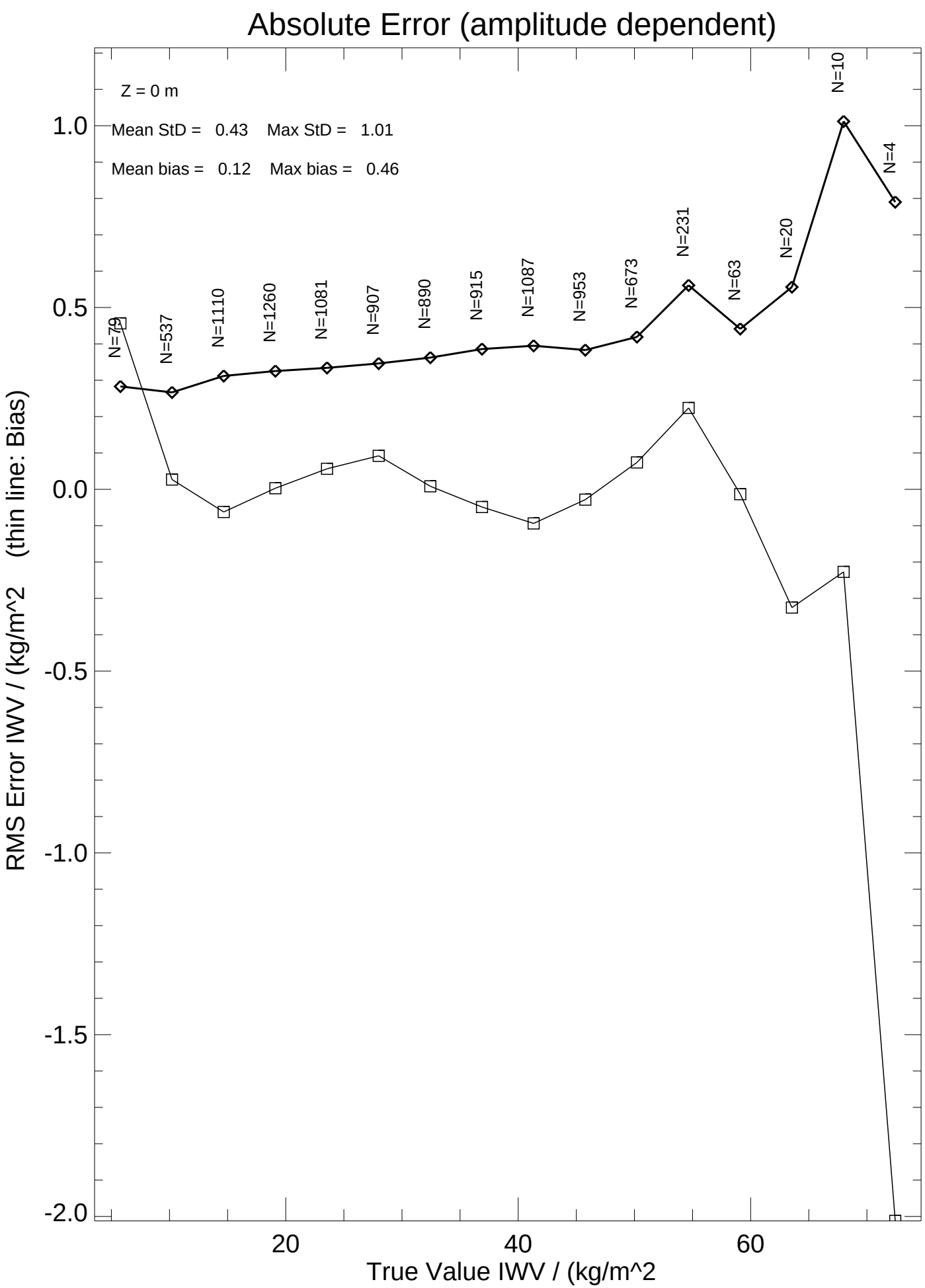
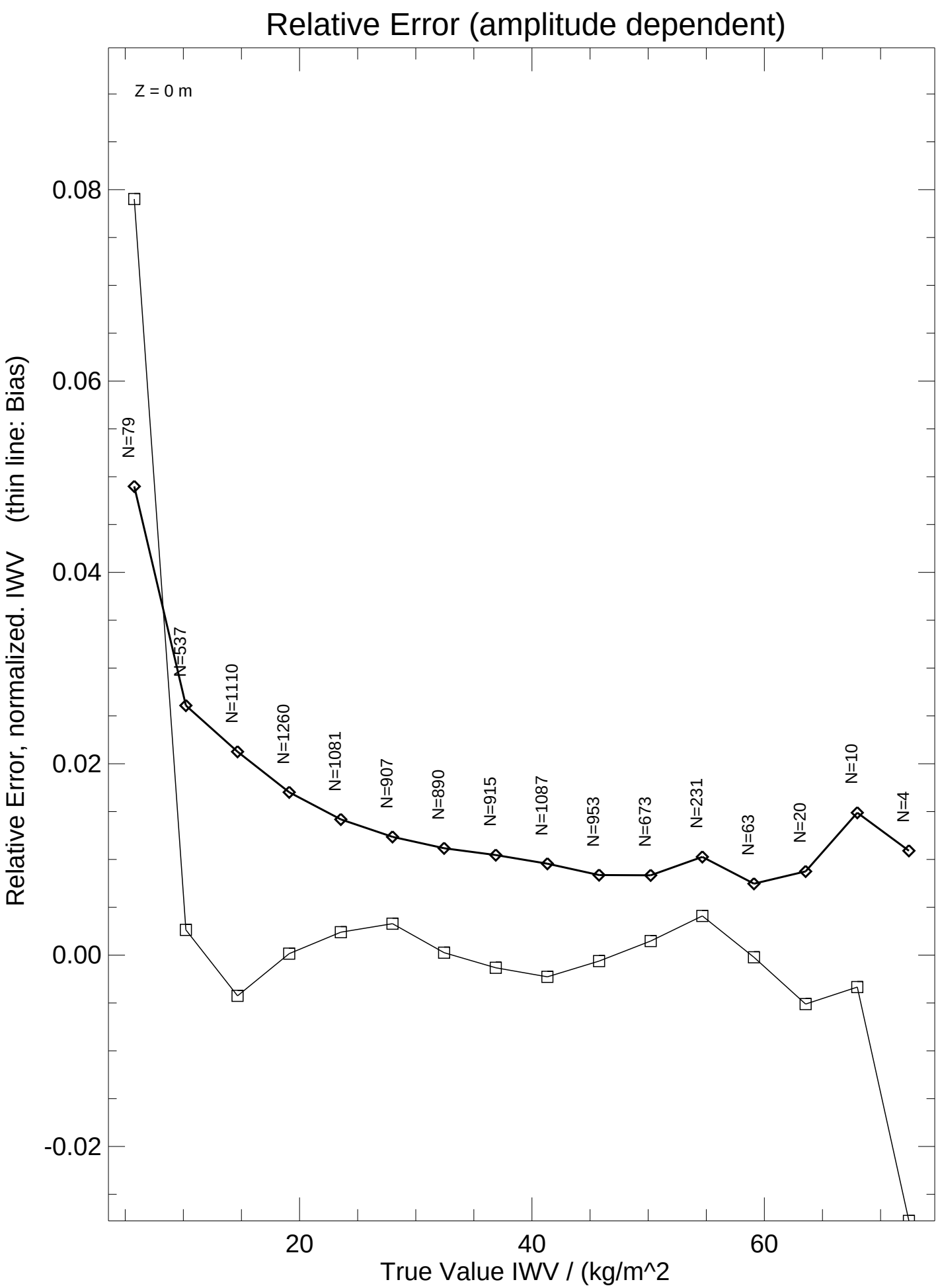

Retrieved vs. True values: Integrated Water Vapour
Retrieved IWV / (kg/m^2
True IWV / (kg/m^2
20
40
60
20
40
60


Cor=0.99958 RMS=0.37465 Bias=-0.0048
Z = 0 m N2=9820
60
40
20
20
40
60


Absolute Error (amplitude dependent)
Z = 0 m
Mean StD = 0.43 Max StD = 1.01
Mean bias = 0.12 Max bias = 0.46
N=79
N=537
N=1110
N=1260
N=1081
N=907
N=890
N=915
N=1087
N=953
N=673
N=231
N=63
N=20
N=10
N=4
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
20
40
60
RMS Error IWV / (kg/m^2 (thin line: Bias)
True Value IWV / (kg/m^2


Relative Error (amplitude dependent)
Z = 0 m
Relative Error, normalized. IWV (thin line: Bias)
0.08
0.06
0.04
0.02
0.00
-0.02
N=79
N=537
N=1110
N=1260
N=1081
N=907
N=890
N=915
N=1087
N=953
N=673
N=231
N=63
N=20
N=10
N=4
20
40
60
True Value IWV / (kg/m^2