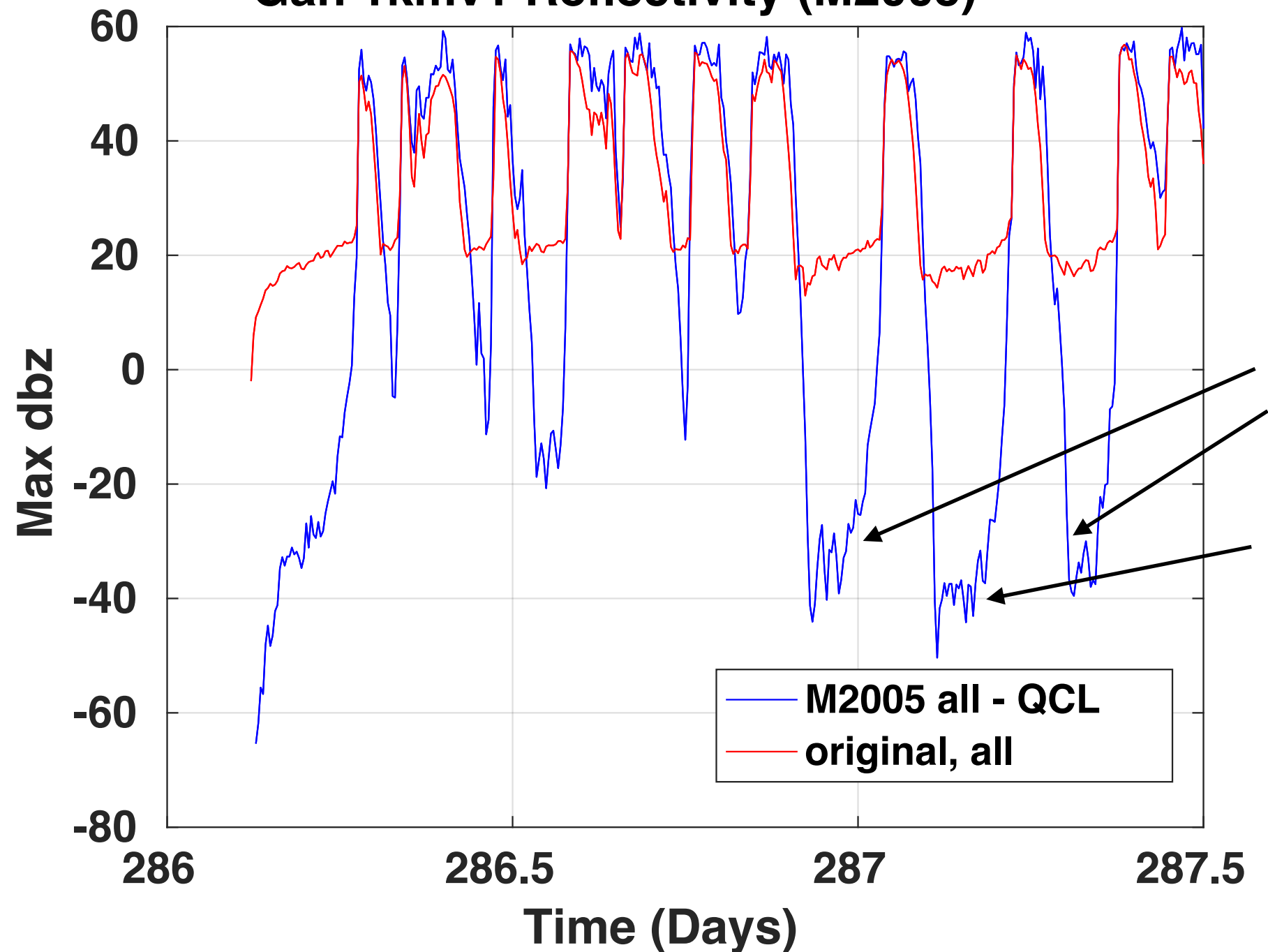# Maximum Reflectivity

Note: Before I show the plot, an important caveat is that I don't yet have cloud water contribution to dBZ in my new calculation.

So when the plot looks weird it's probably just because of that.

Maximum Reflectivity

Gan 1kmv1 Reflectivity (M2005)

Adding in cloud water would lift these values up.

Legend:
- M2005 all - QCL
- original, all

Maximum dBZ values in the model are slightly higher when calculated with the Morrison method. The max dBZ values for the precip events are virtually entirely due to heavy rain.

CombRet Reflectivity

CombRet Reflectivity (Attenuated Corrected)

Reflectivity (ARSCL)