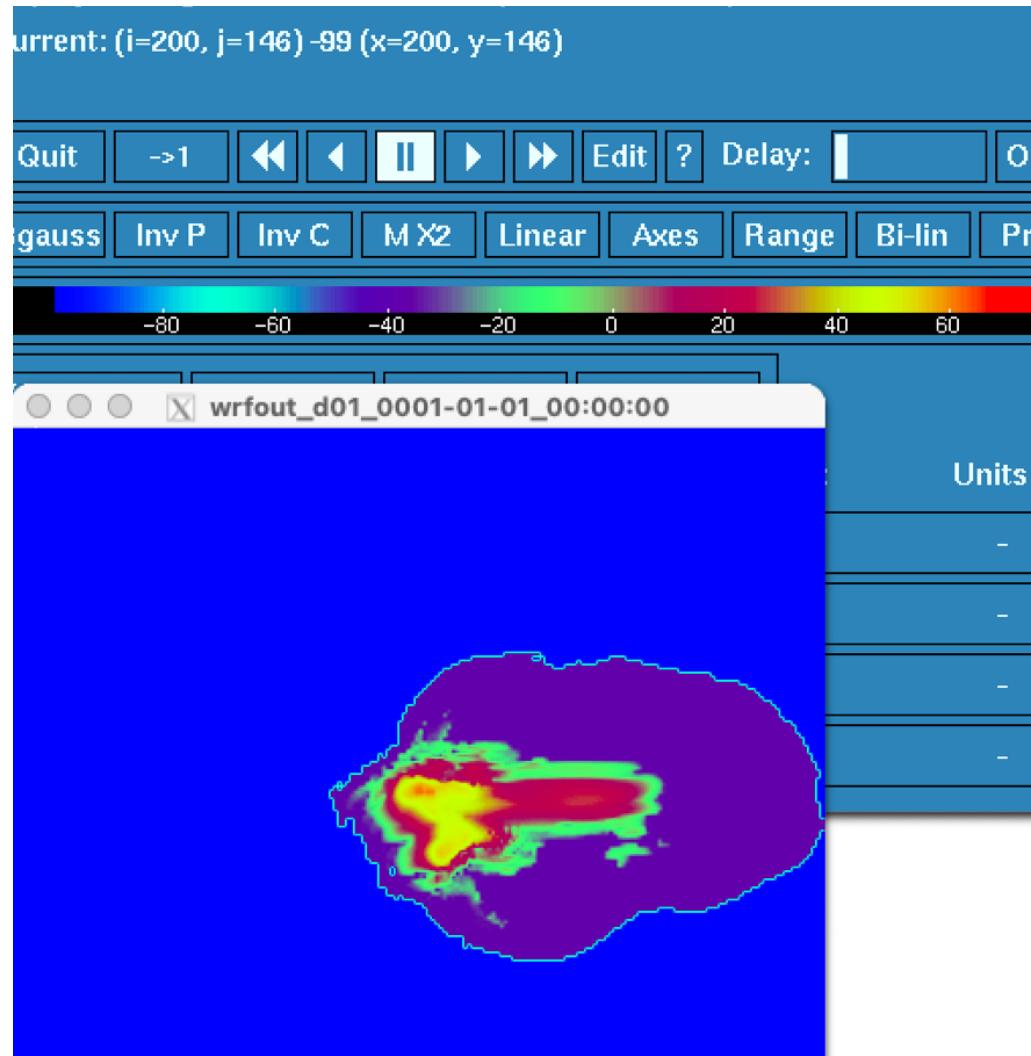


Tests of MP50 and 51 with the wrffixes-v3 versus wrffixes-v2 code. This is for the mu\_i\_s fix. This only affects 3-moment P3, and indeed tests confirmed that results bit match for MP=50 (two-moment). Results with the fix show somewhat large reflectivity changes in the supercell forward flank as seen below, with reflectivity decreasing ~5-10 dBZ. This is likely an improvement relative to expected supercell reflectivity structure.

Lowest model level reflectivity (at 1 hr) for the new code, wrffixes-v3:



As above except for the older code, wrffixes-v2:

