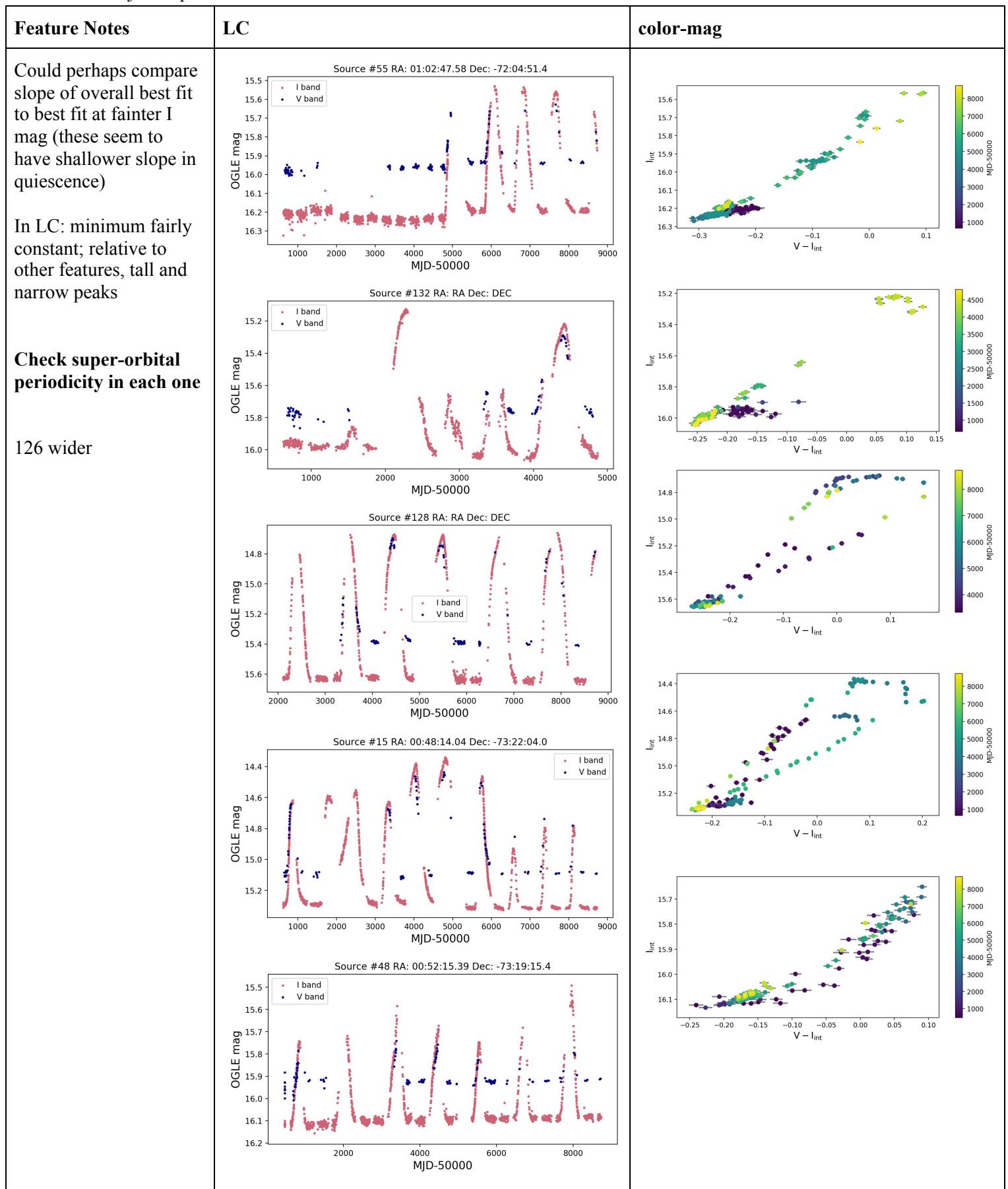
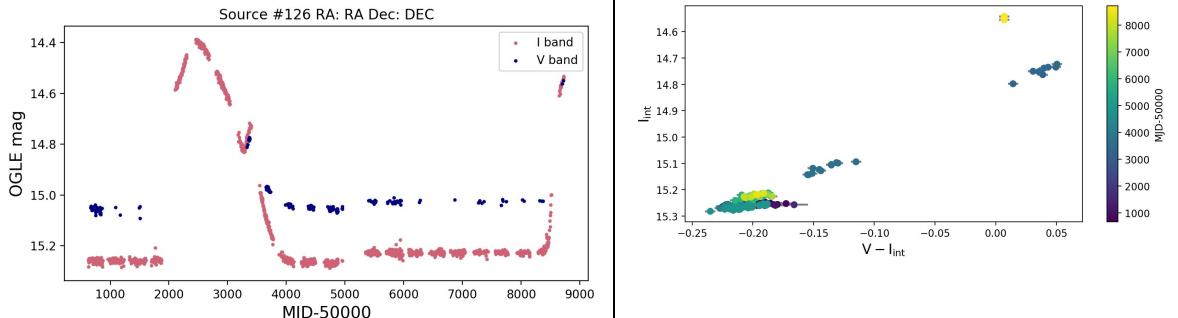


## Categories

But can derive features and some of these would combine/be in multiple

- E.g. how to characterize continuous high vs. lower variability
- Important distinction anyway besides an entire type and common phenomena/features
- What's just dependent on timescale?

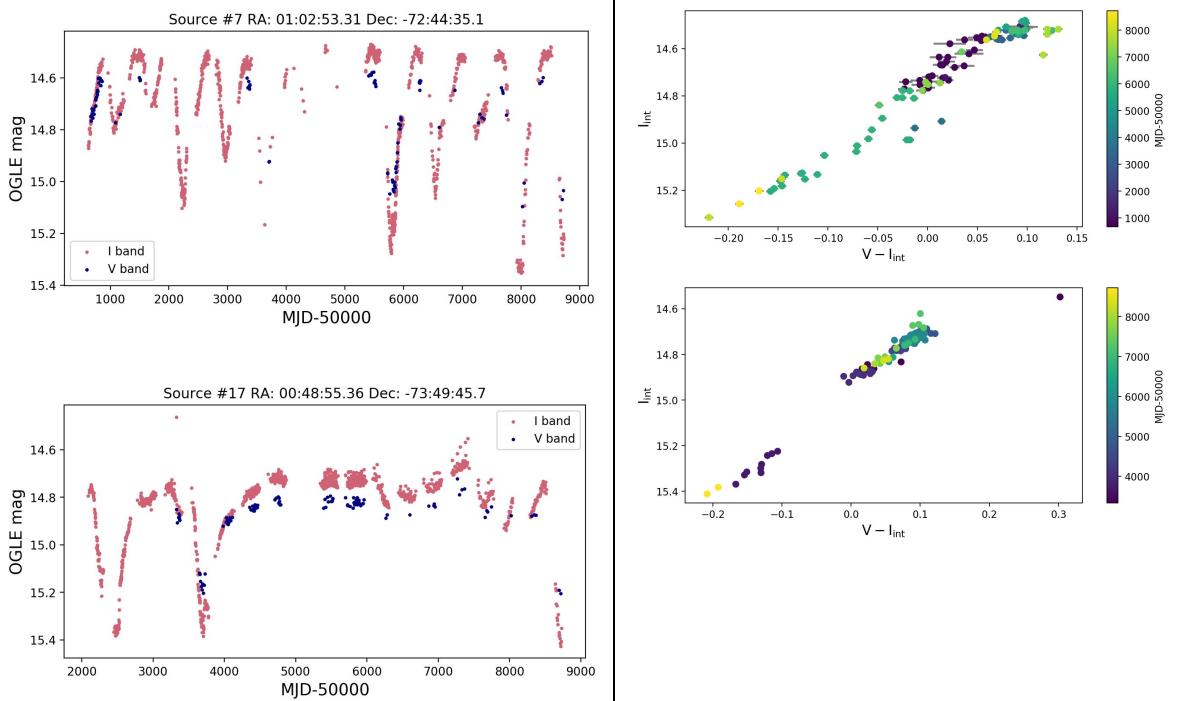




Similar shape but normal state at bright value

Opposite in color mag: steeper when fainter

17 a little different?



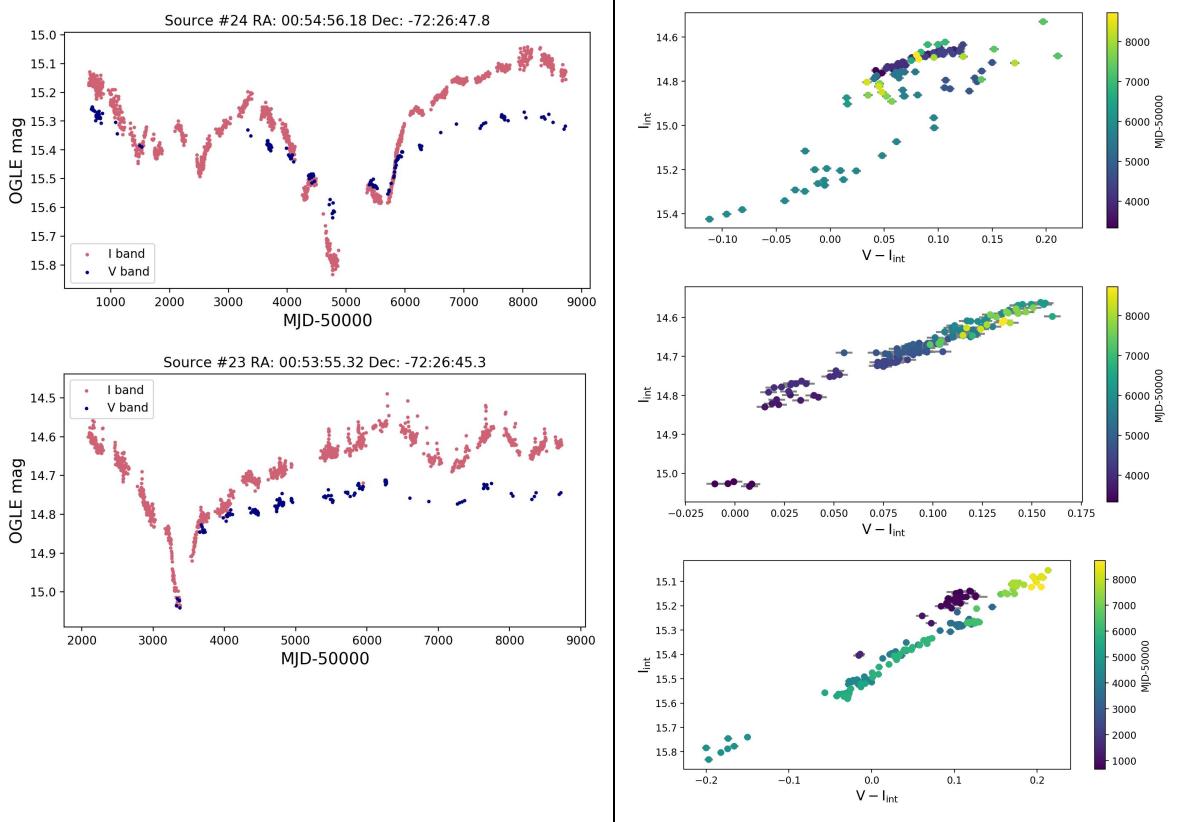
One big dip

Distinguish between one dip and back to normal state vs. more peaks with lower ranges (below)

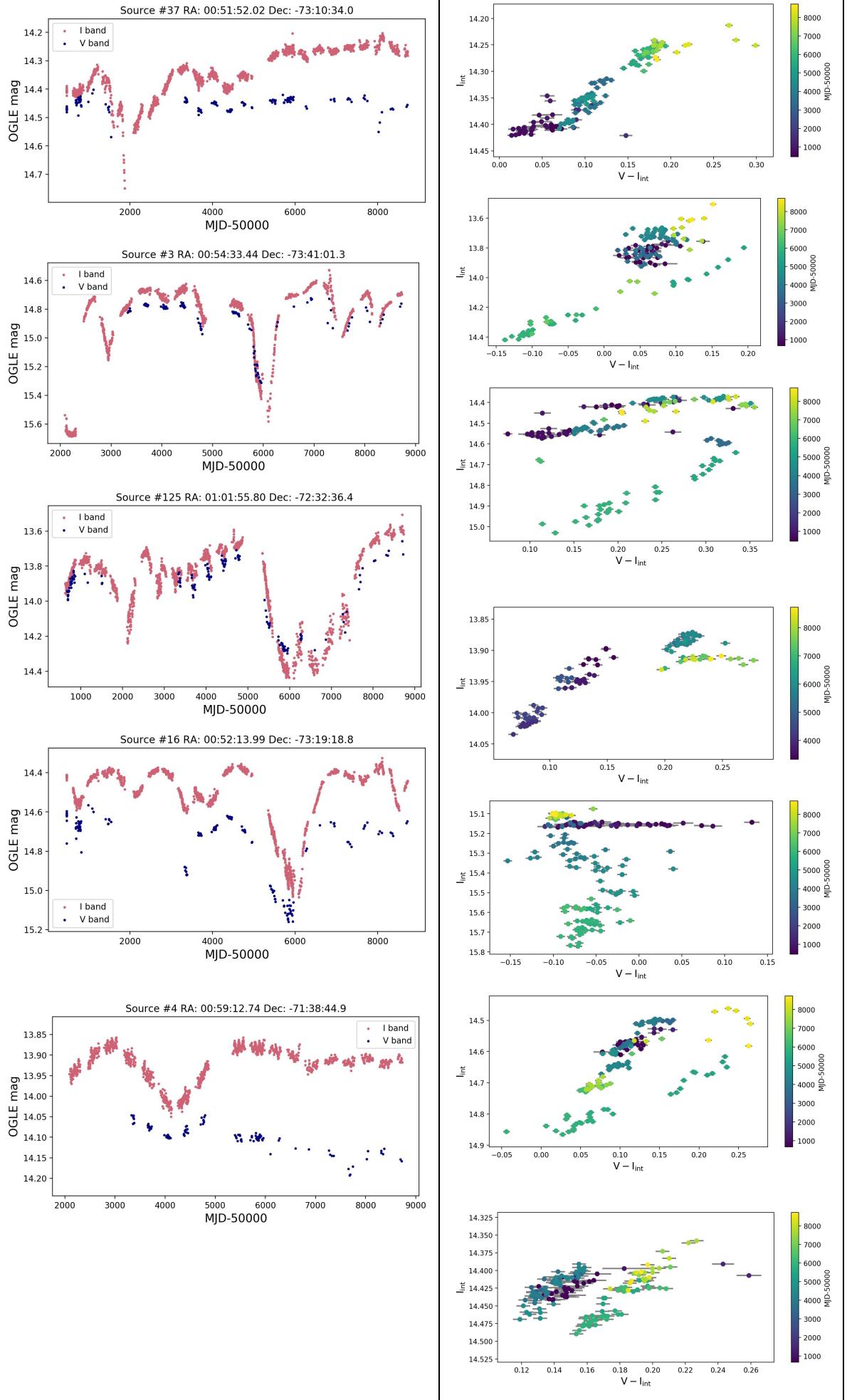
Search for periodicity in dip vs normal state and parametrize folded detrended LC

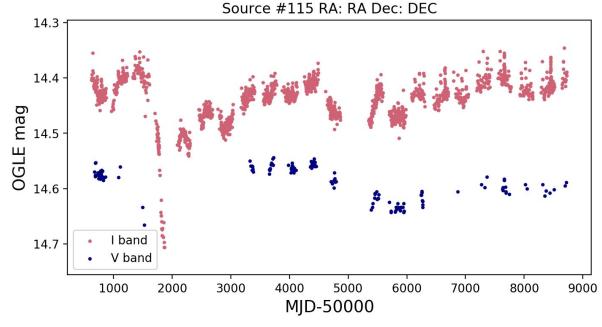
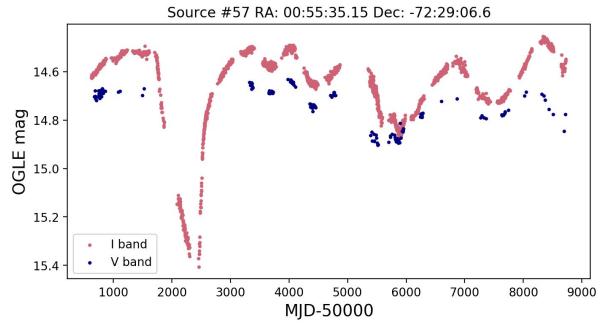
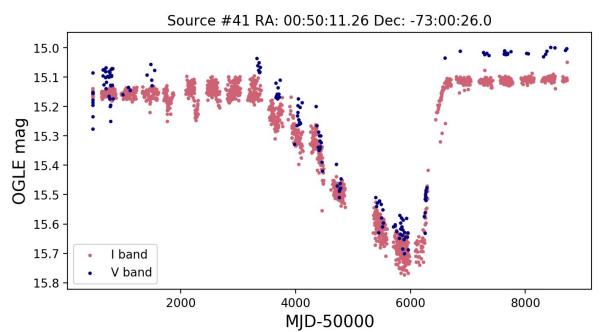
For some: different slopes at low and high I (steeper at faint); better correlation coefficient within dip points

**Source 3 interesting edge case/case that shows what others could look like: repeated dips but separated -- check for**



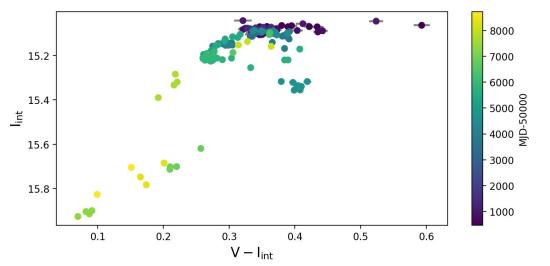
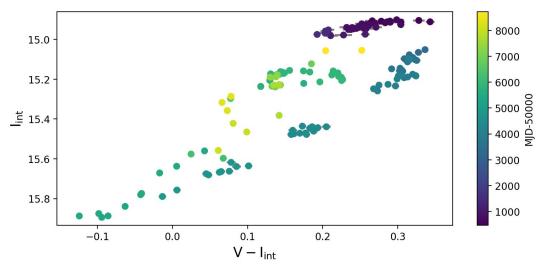
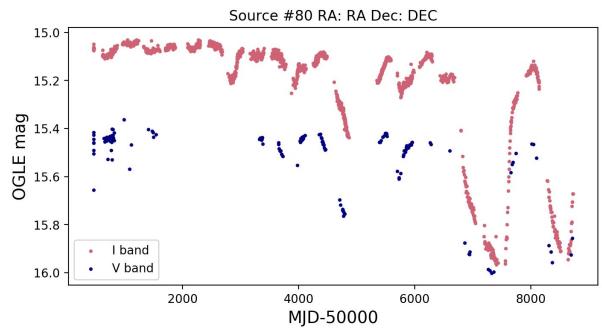
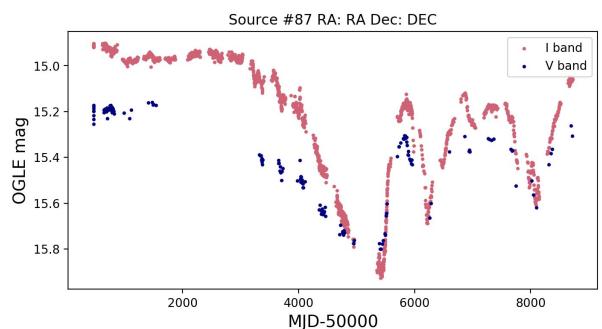
## Type II outbursts soon after each big dip

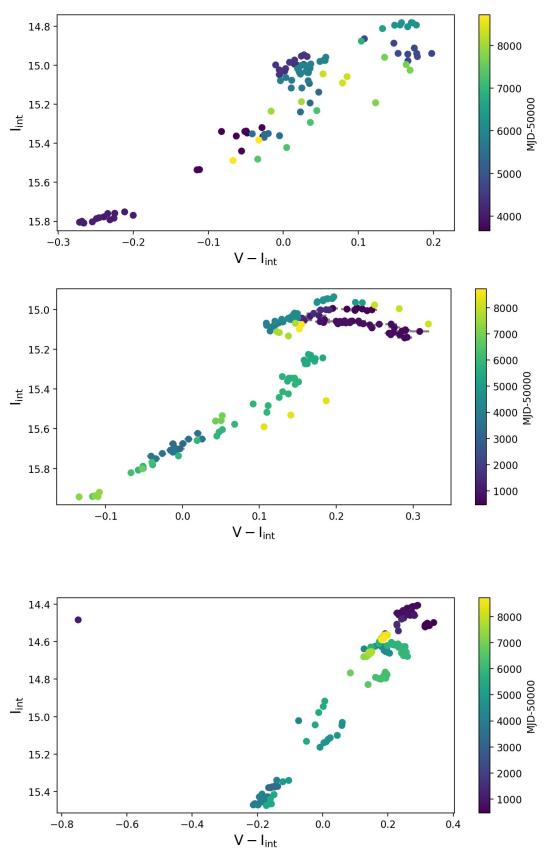
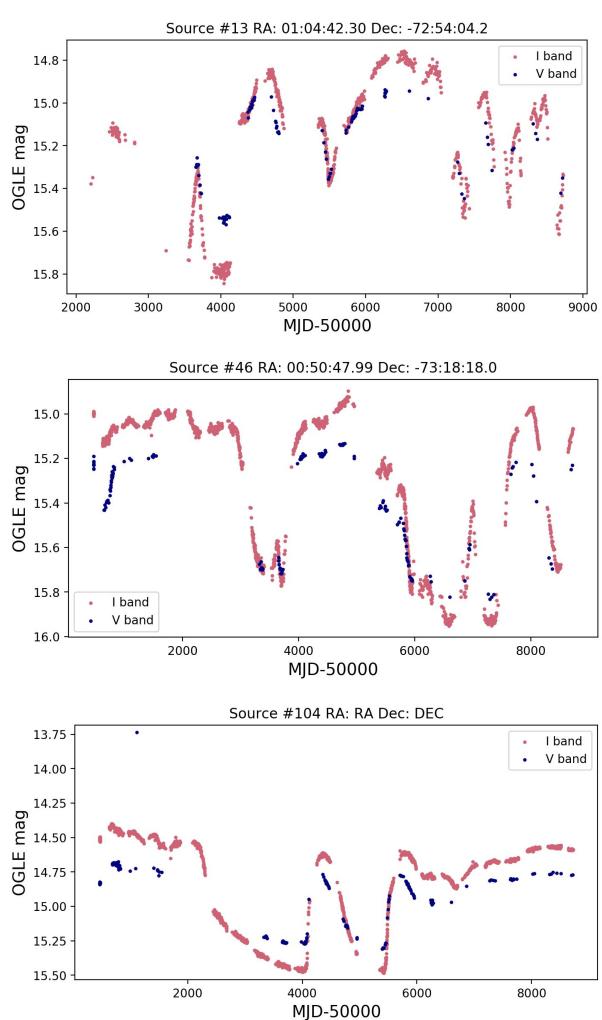




Normal state is also bright; but dips of varying widths/not just one dip

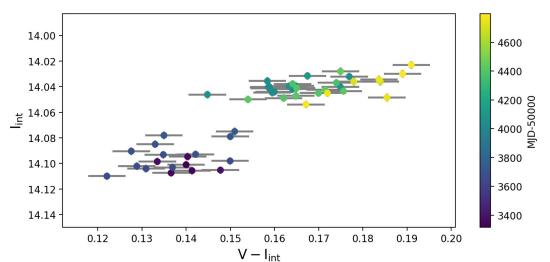
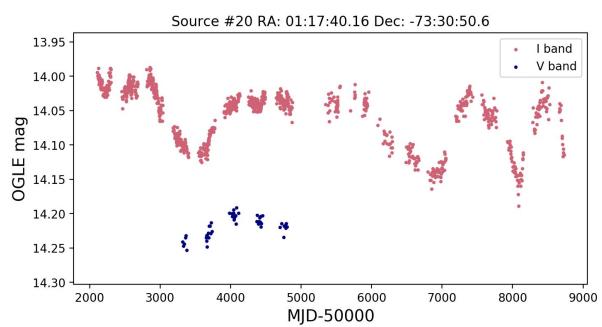
13 better in continuous?



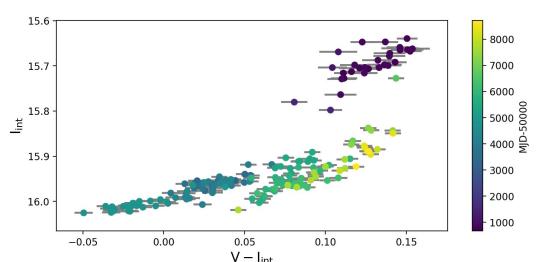
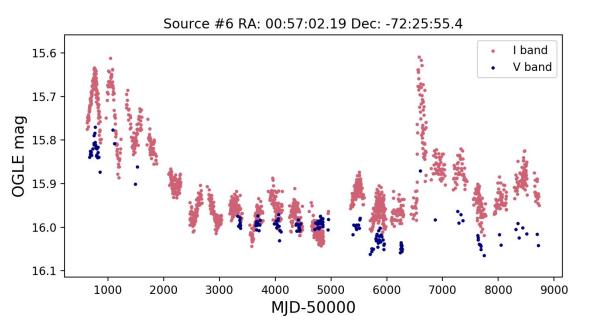


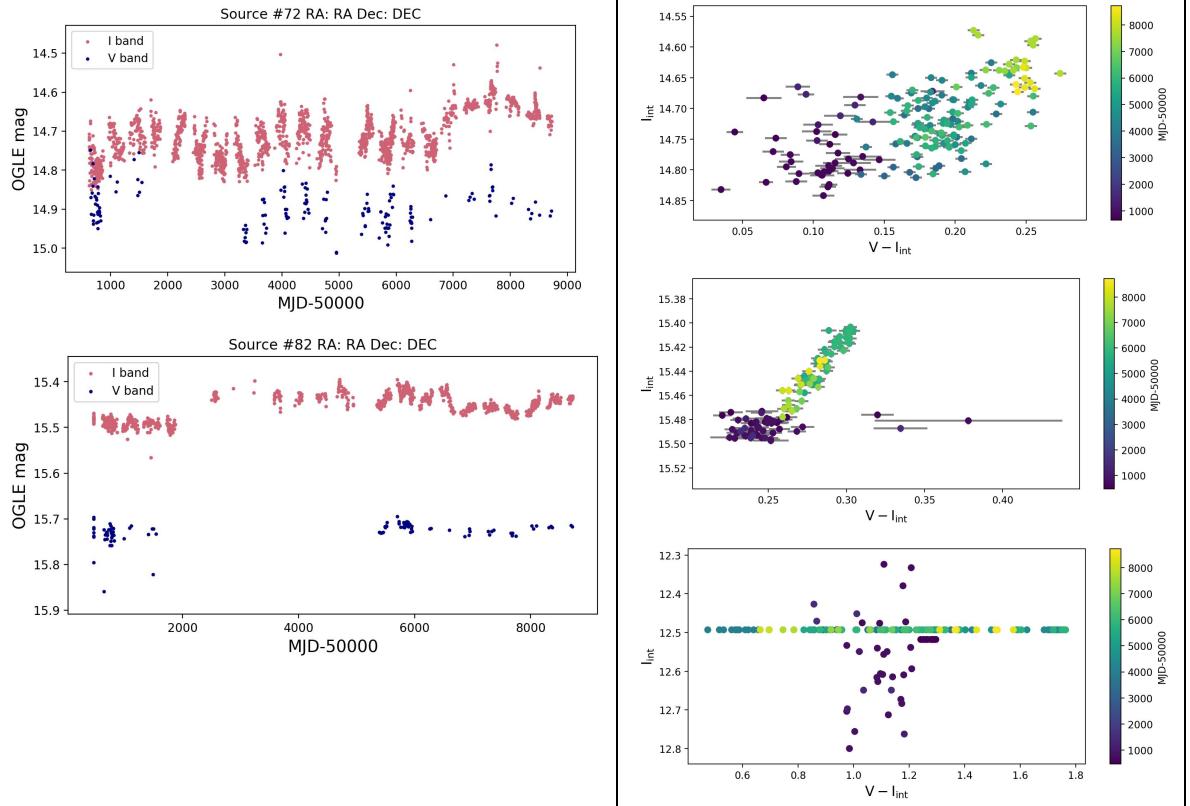
Possibly same; but dips from bright normal state (just not as dramatic):

Notice color-mag different

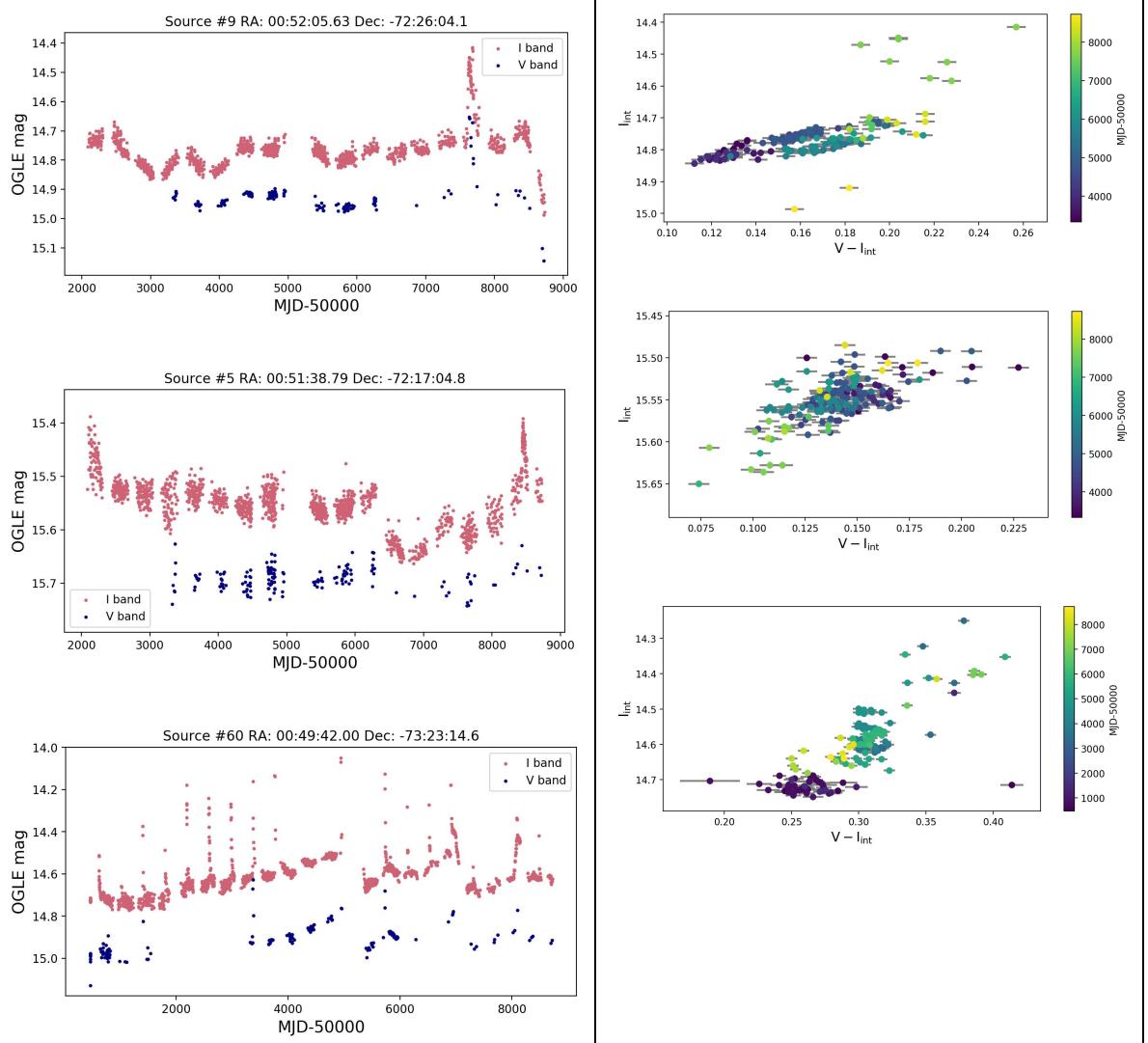


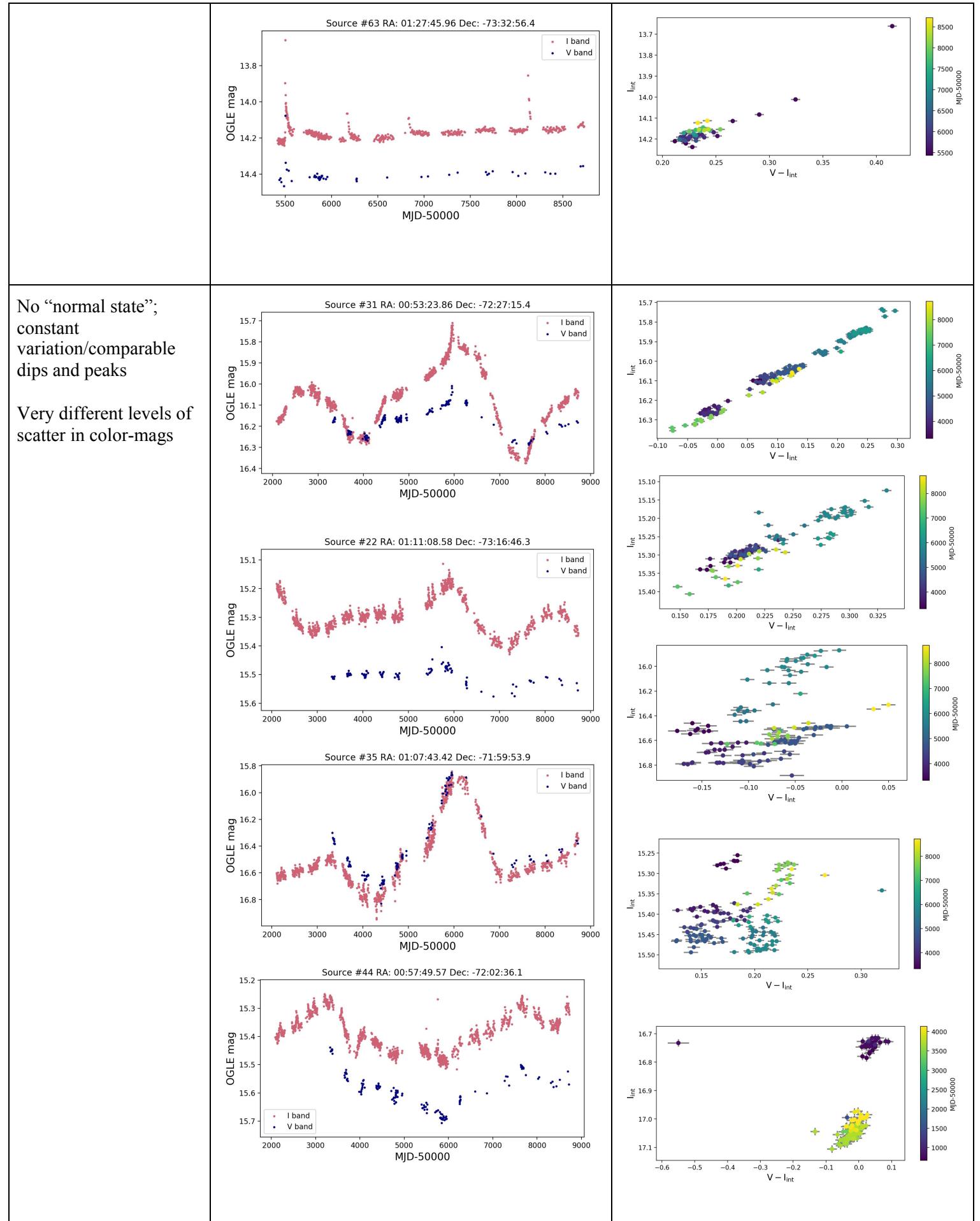
Triangle peaks

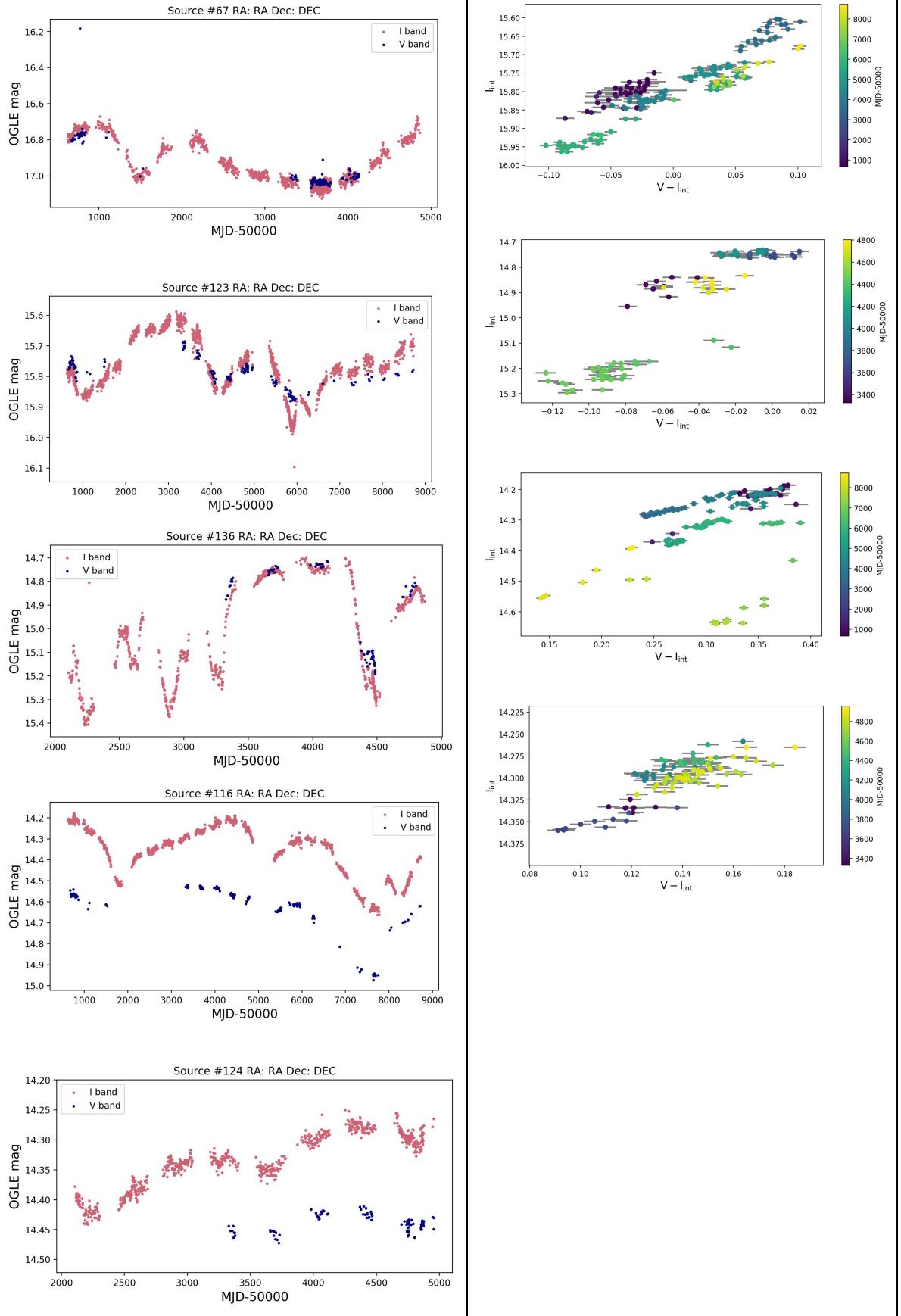




Highest variability is sharp peaks (X-ray outbursts?)

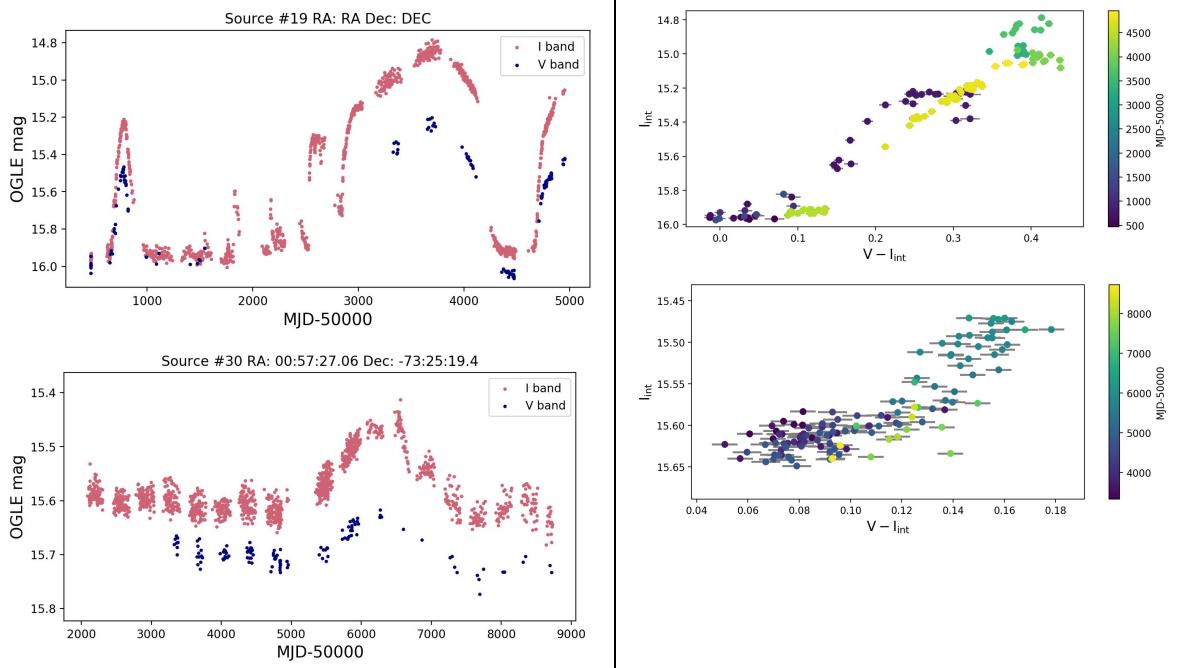






Low base state/varied widths/wider

126 may be better off here

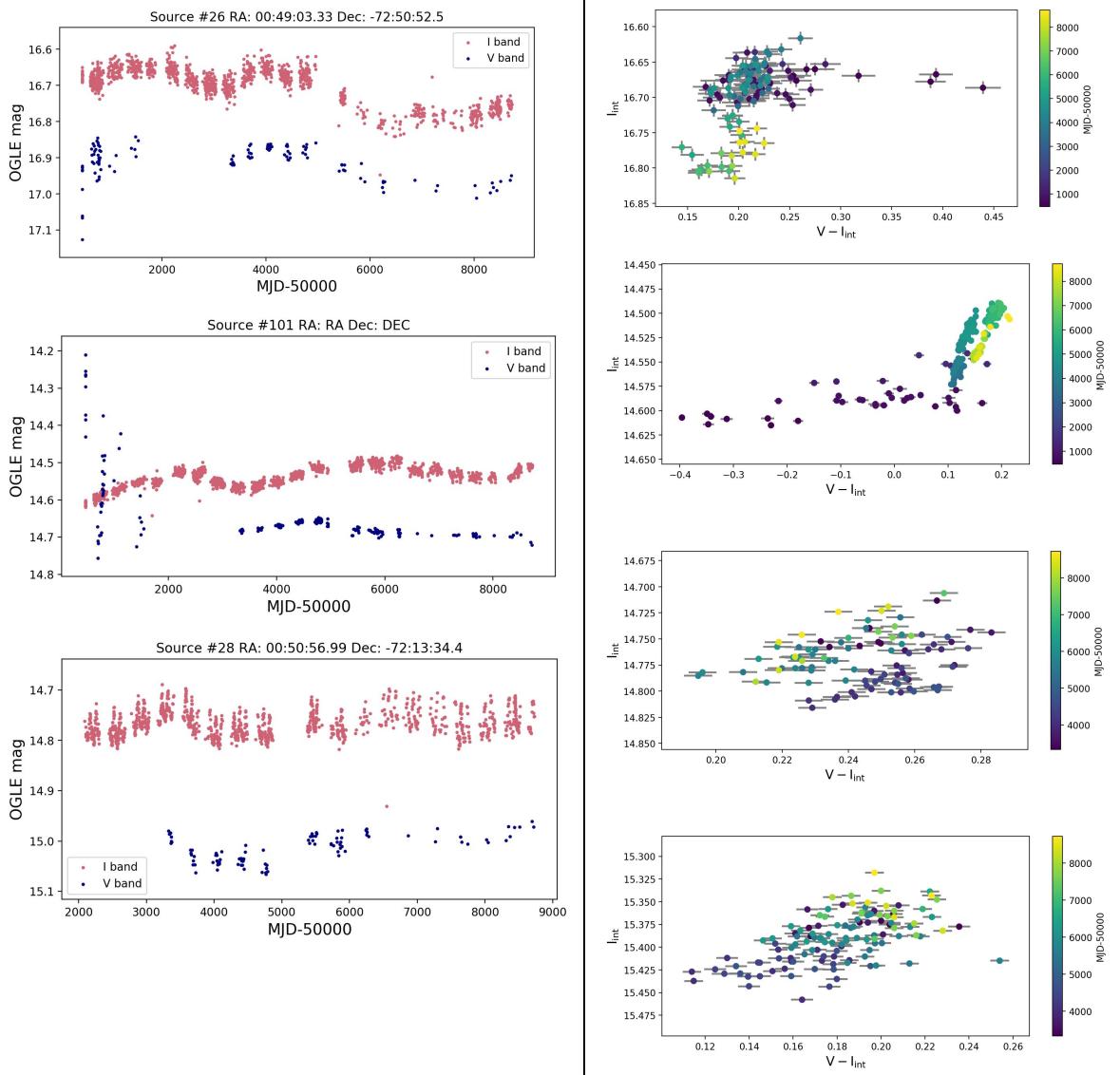


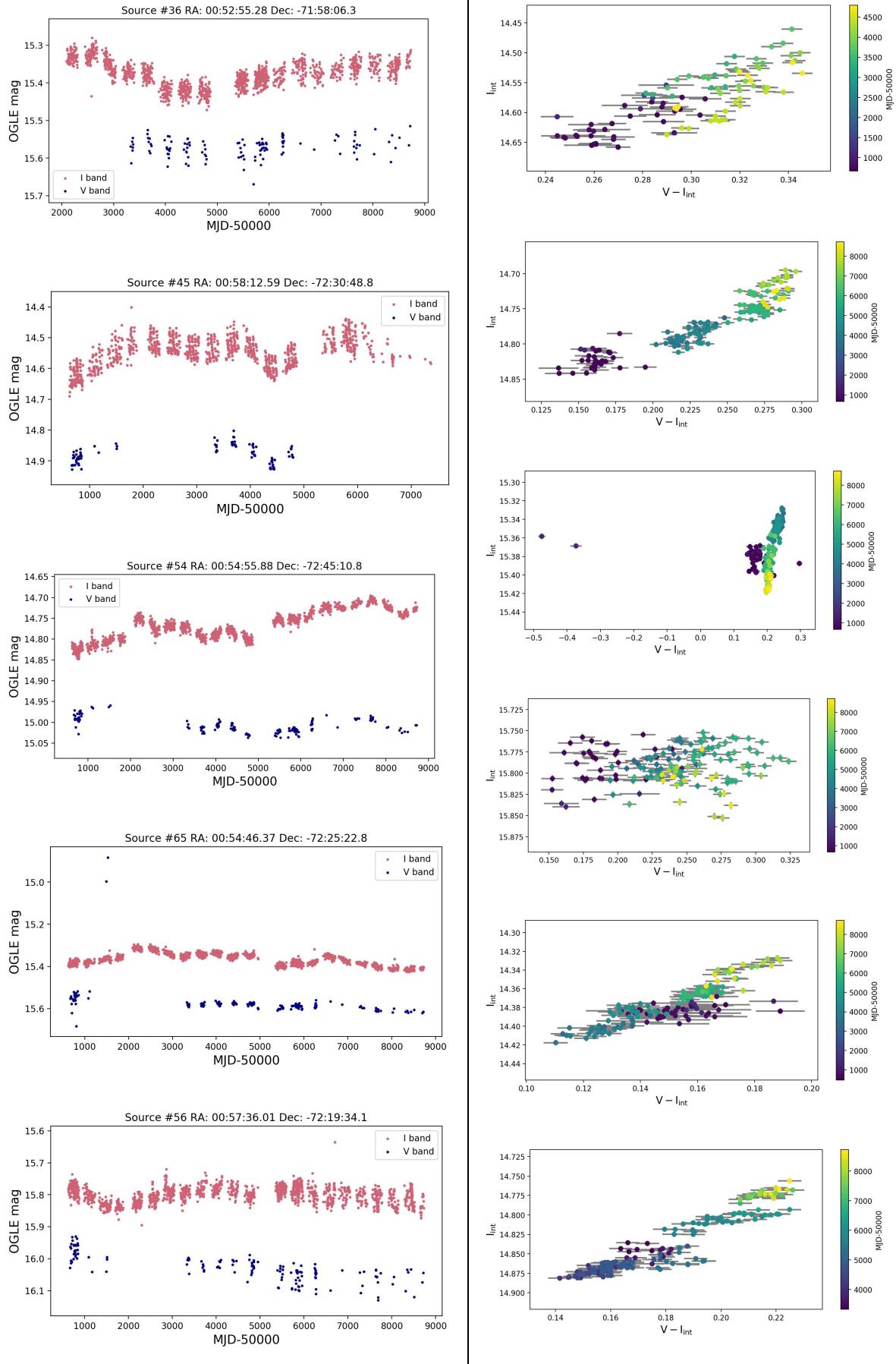
Low/gradual variability  
Check 49

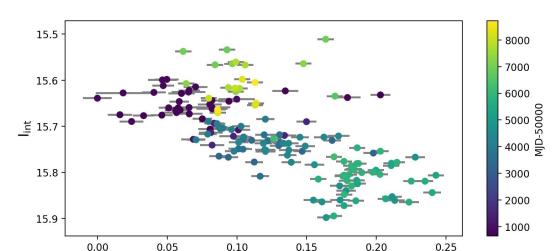
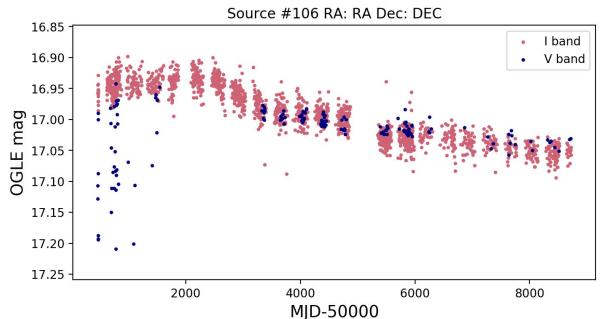
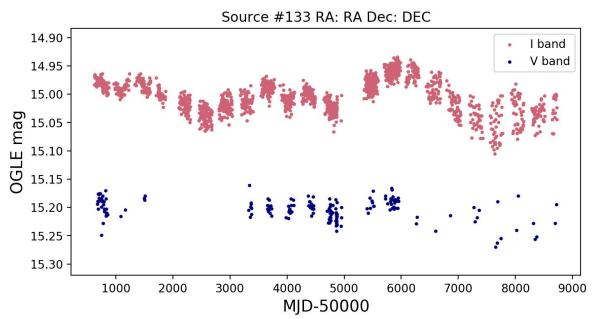
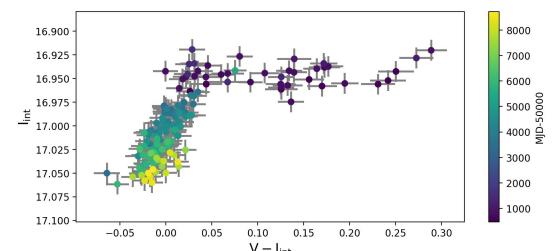
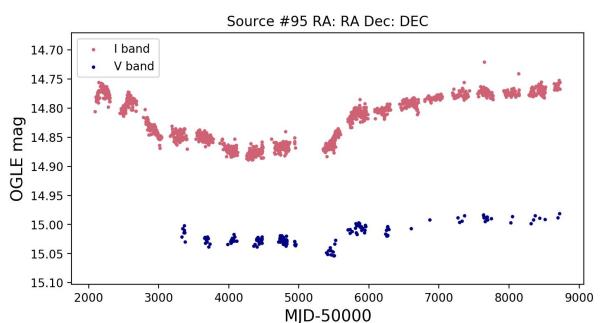
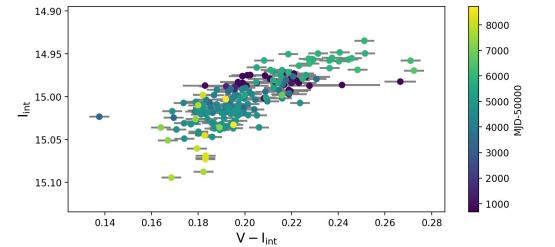
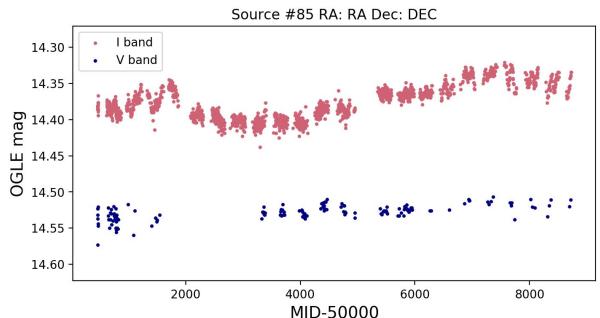
59 as edge case

Color-mags should help determine if/how much these are distinct from the other continuous variability category

Decent horizontal variability in color-mag



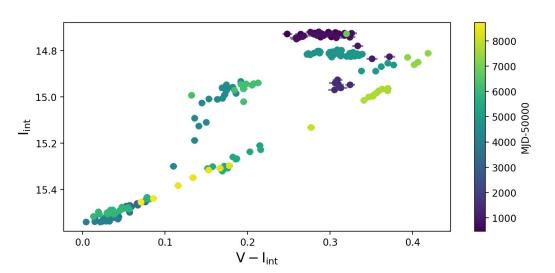
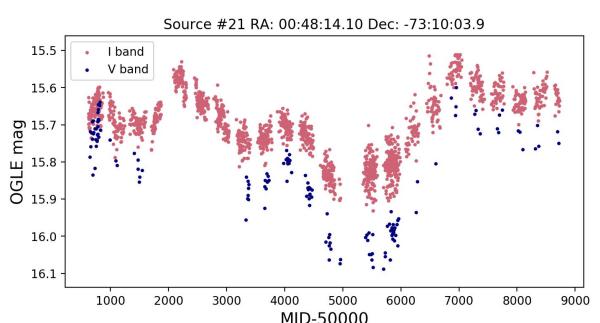


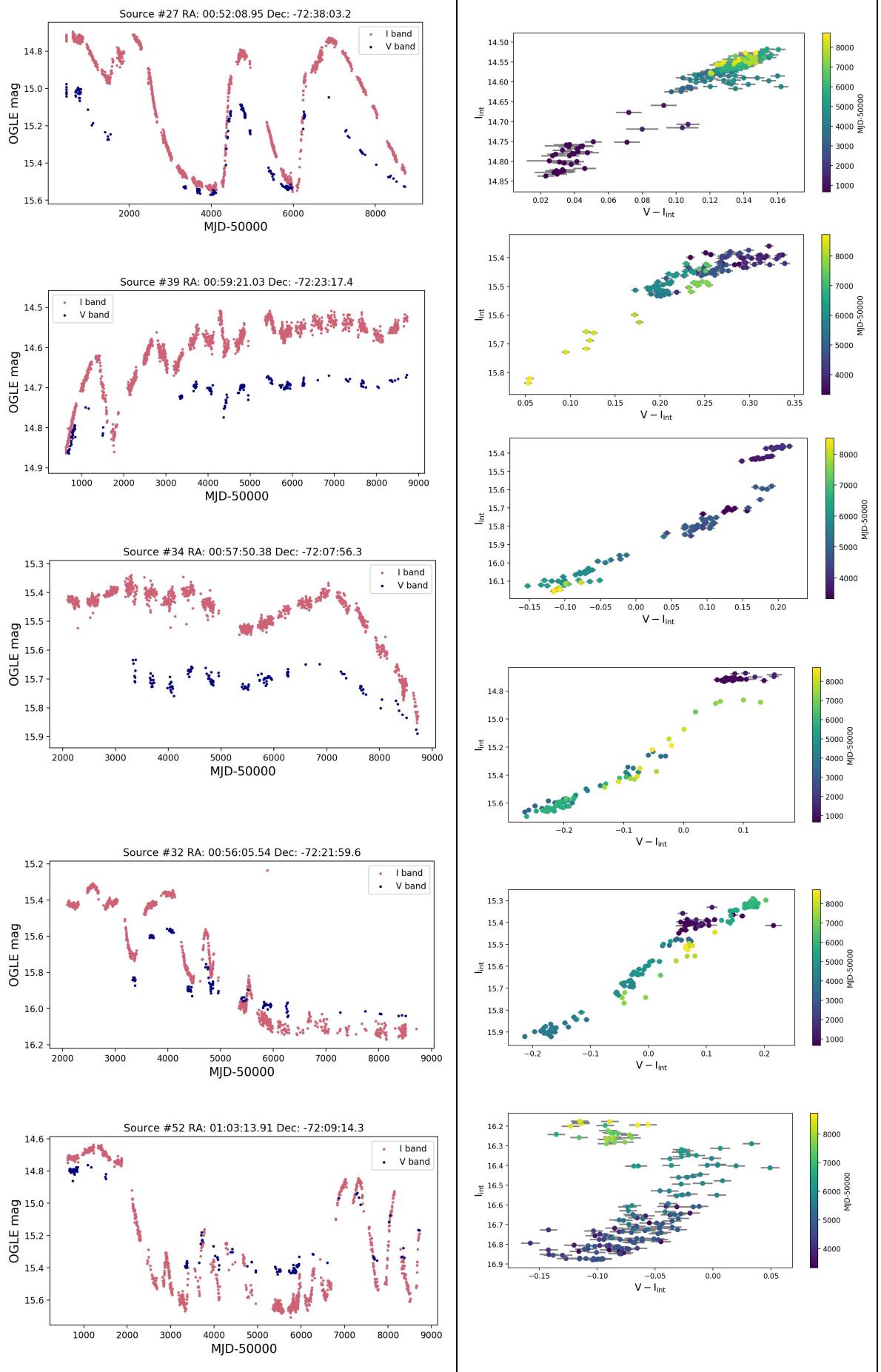


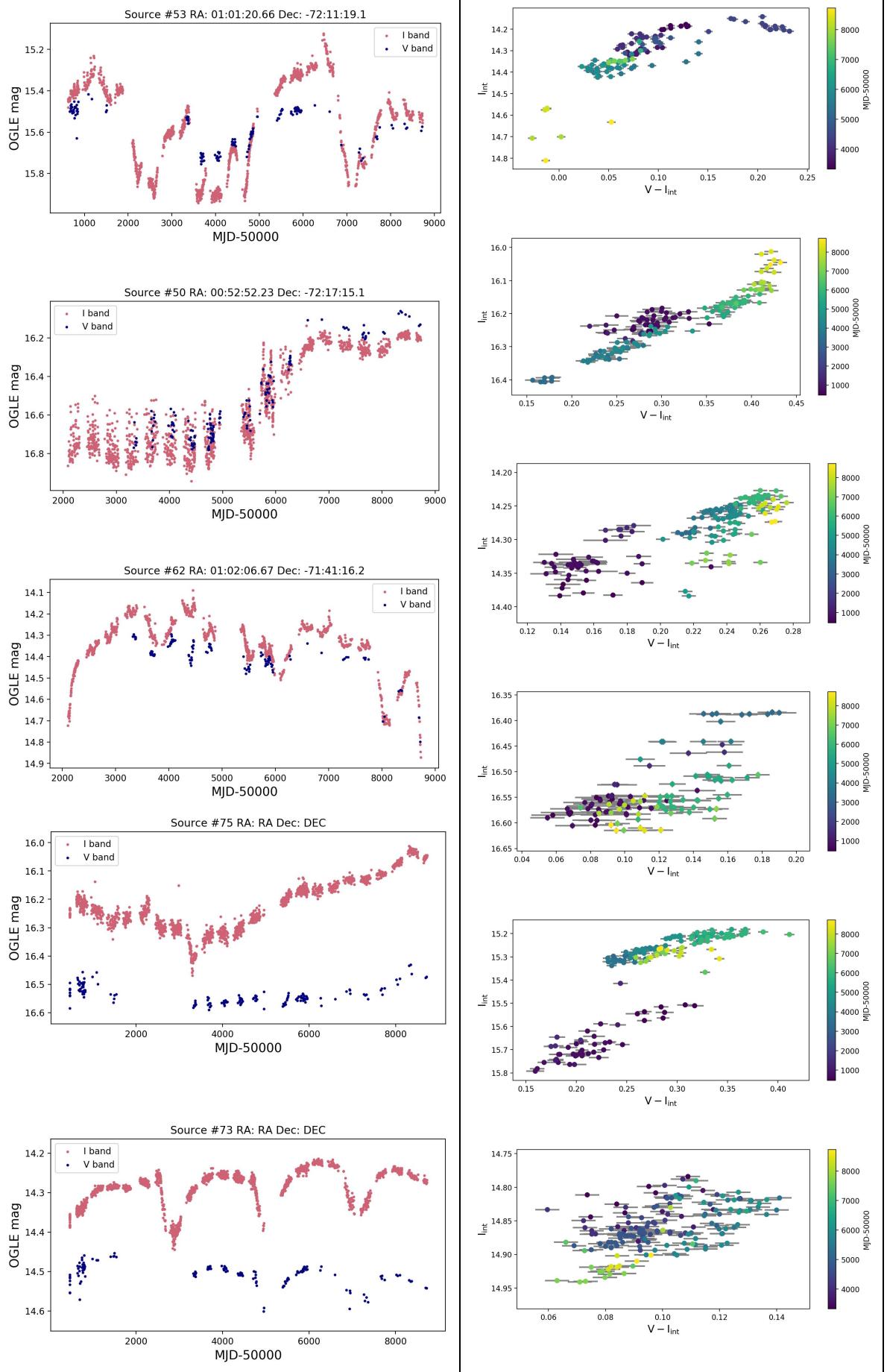
Hard to characterize/combo

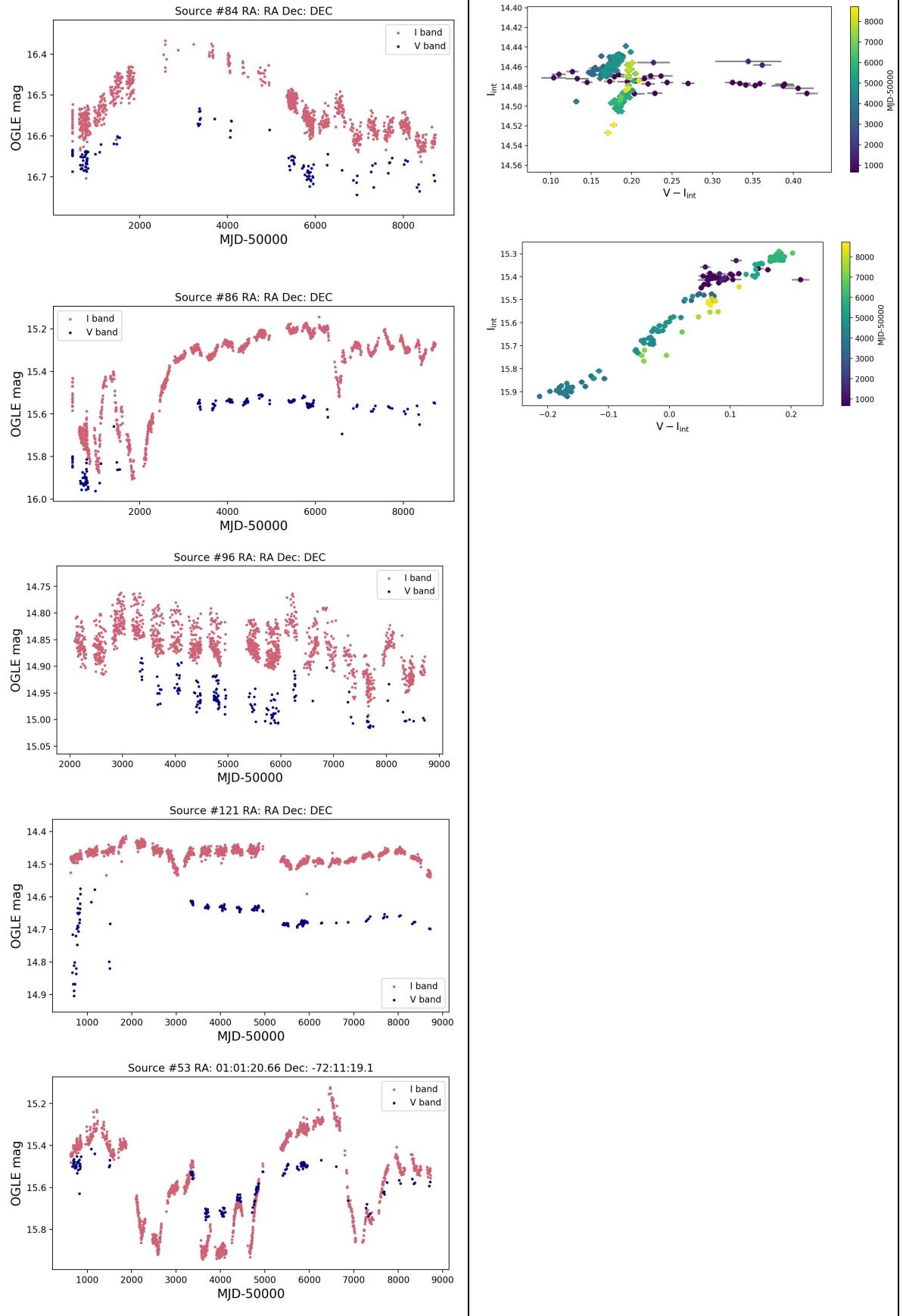
For many could characterize after more coverage

53: unclear if faint base or not









Left out 142 b/c of possible issue

Left out sources with no long-term variability but should list those