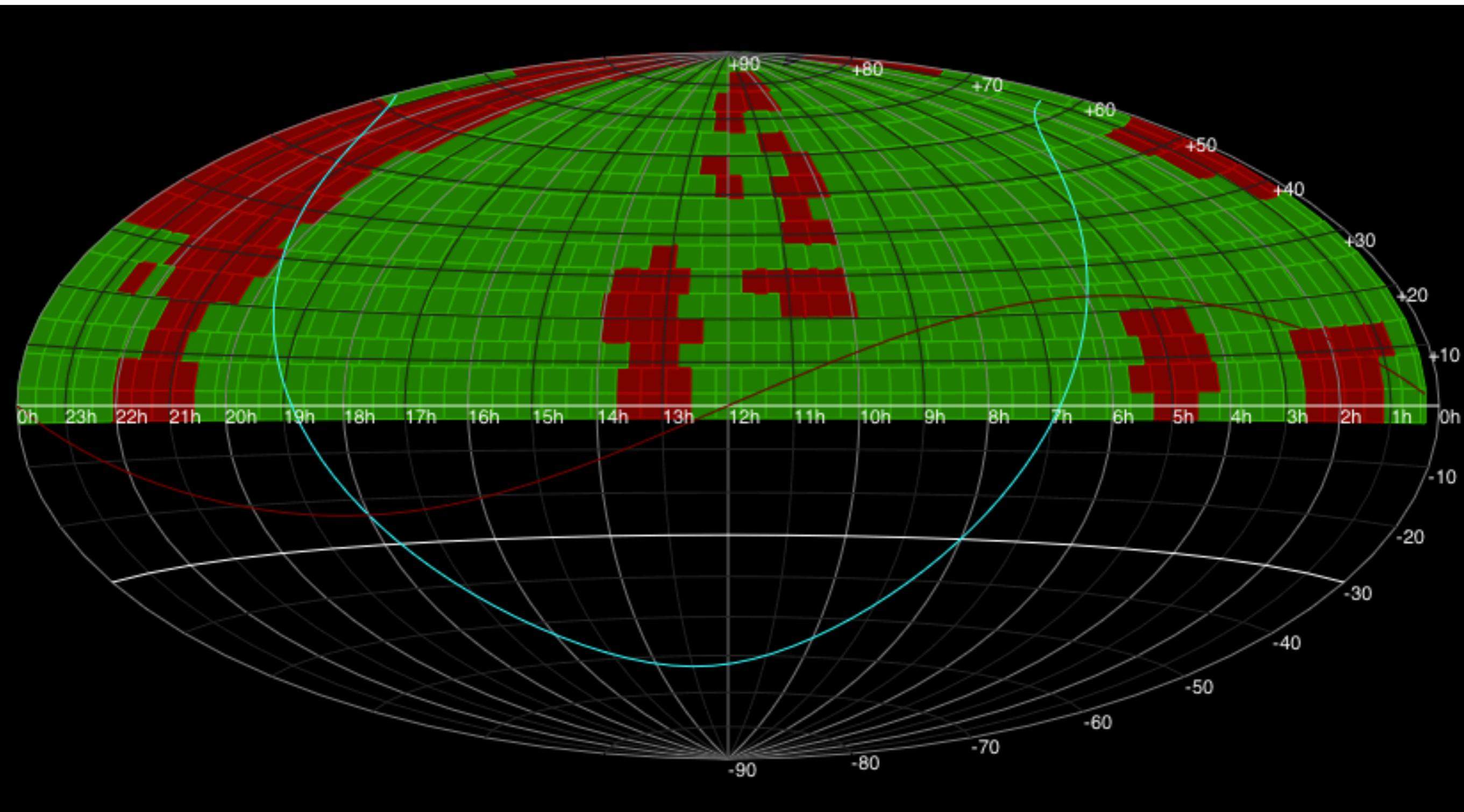


MSSS Update

George Heald
(on behalf of the MSSS Team)
LSM, 18 April 2012



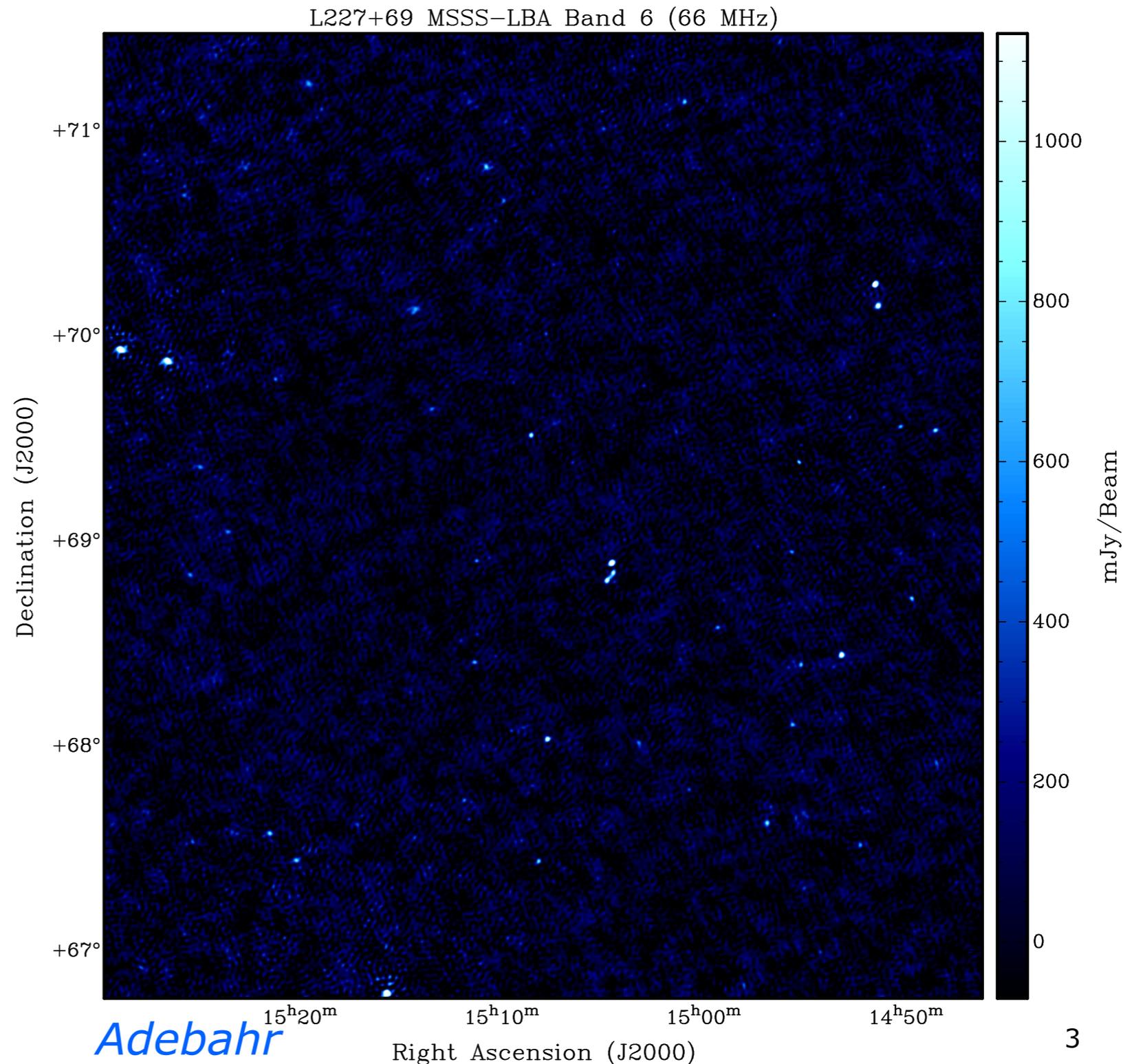
- MSSS-LBA: 516/660 fields observed = 78% complete



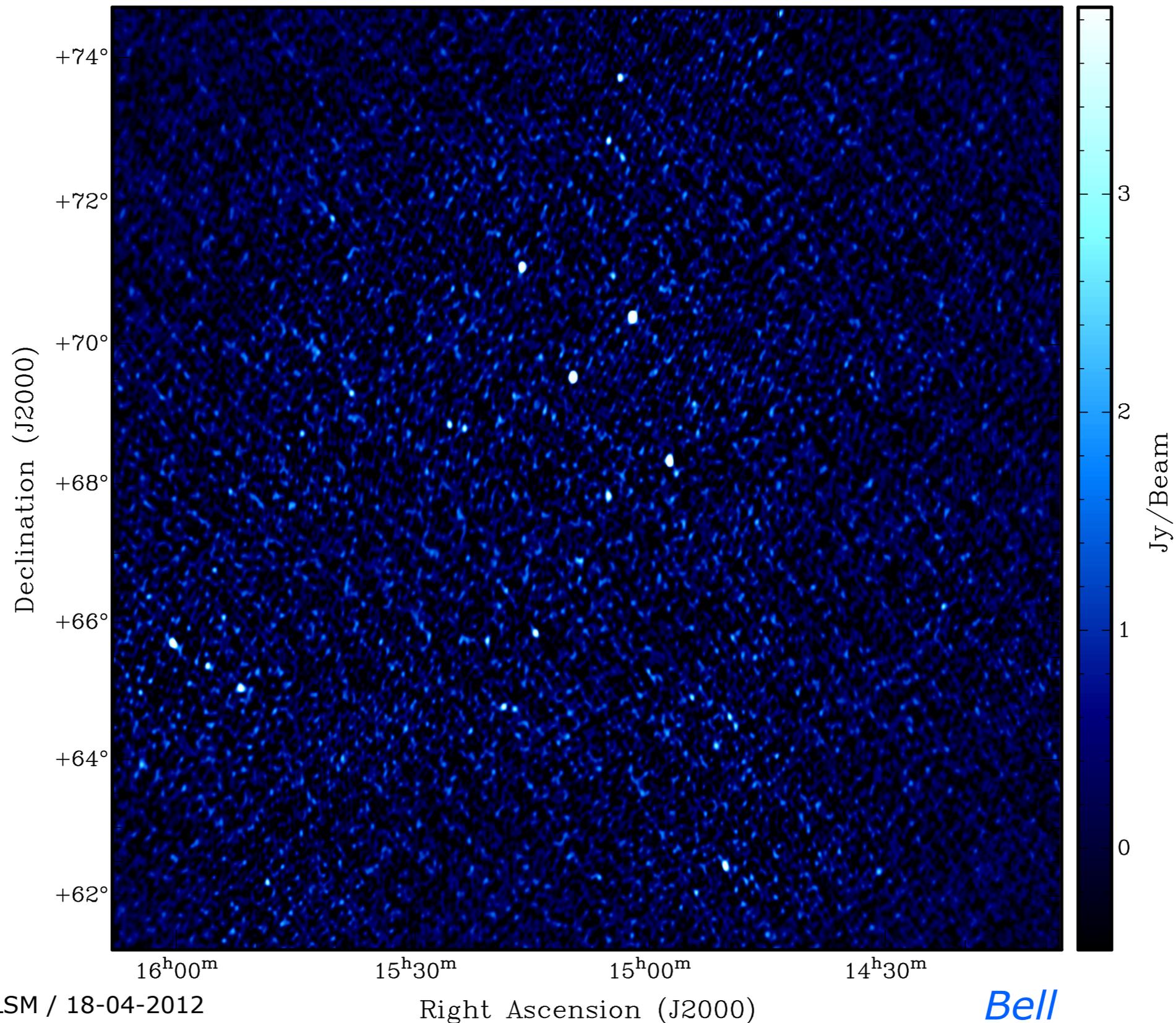
- Tried in both BBS and sagecal, with intriguing results
 - Need to consider both runtime and flux scale....

Image noise 85
mJy/beam

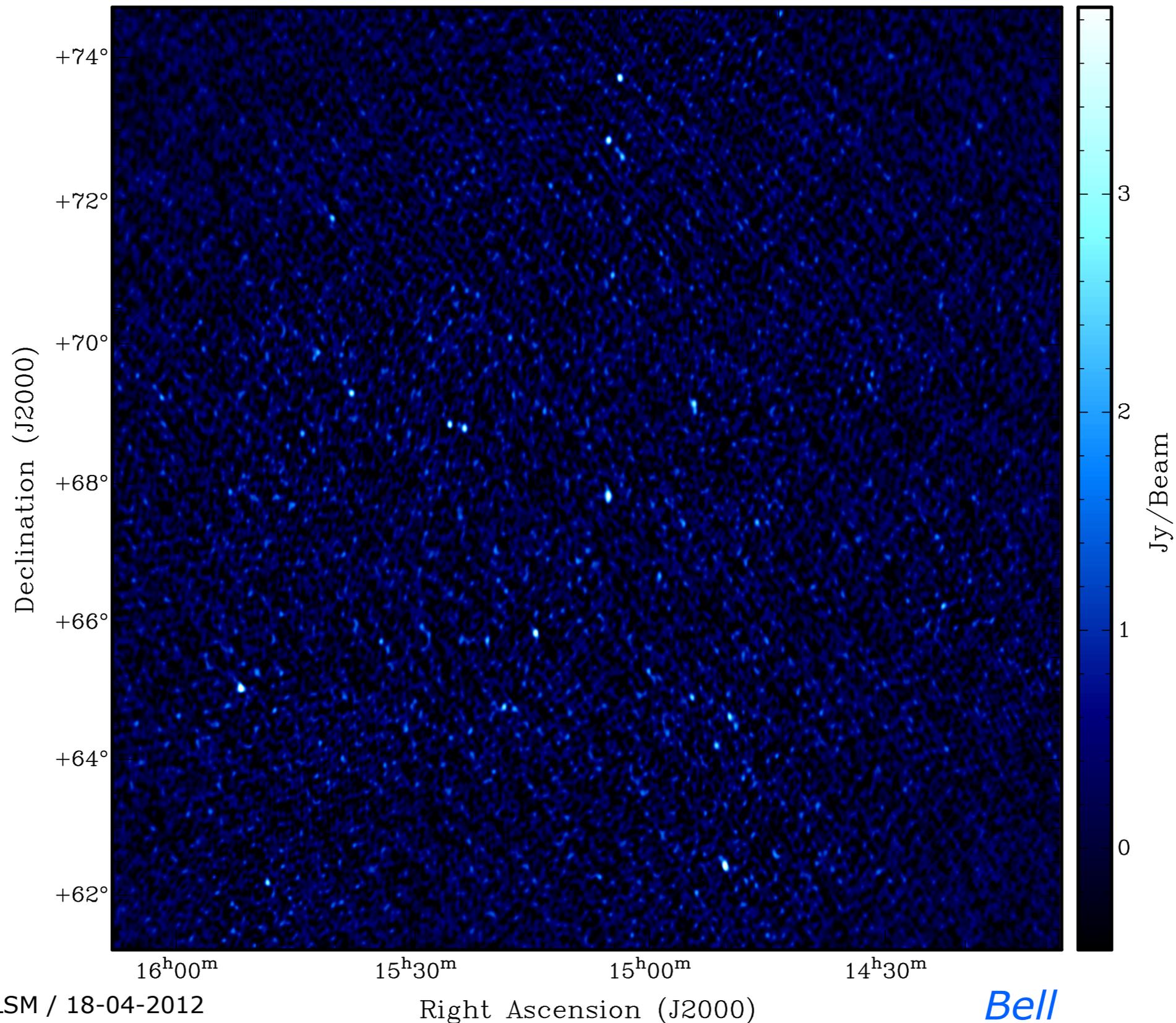
Resolution 70"



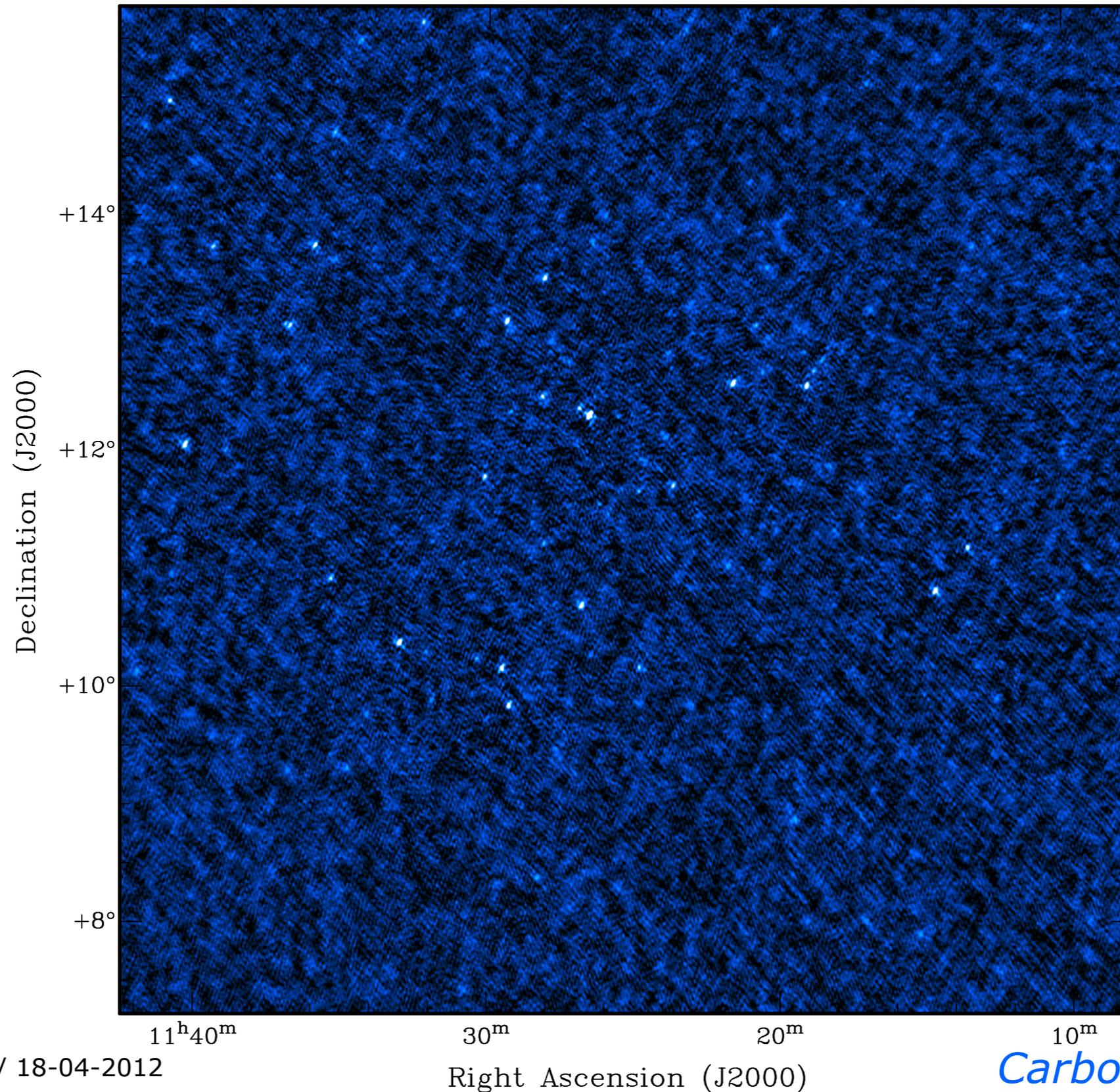
- (Pre-BBS-speedup) runtime ~ 30 min for peeling 5 directions

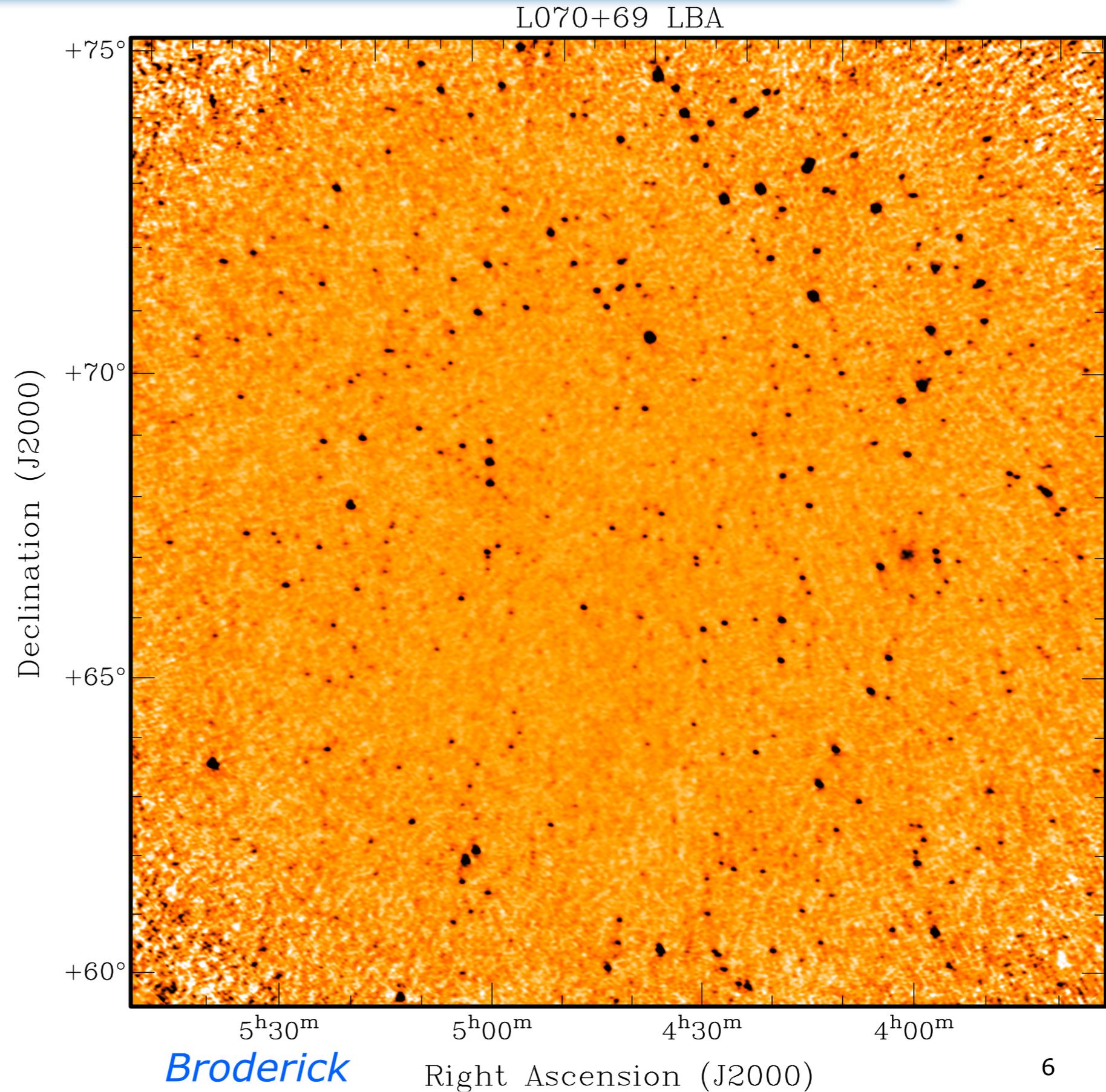


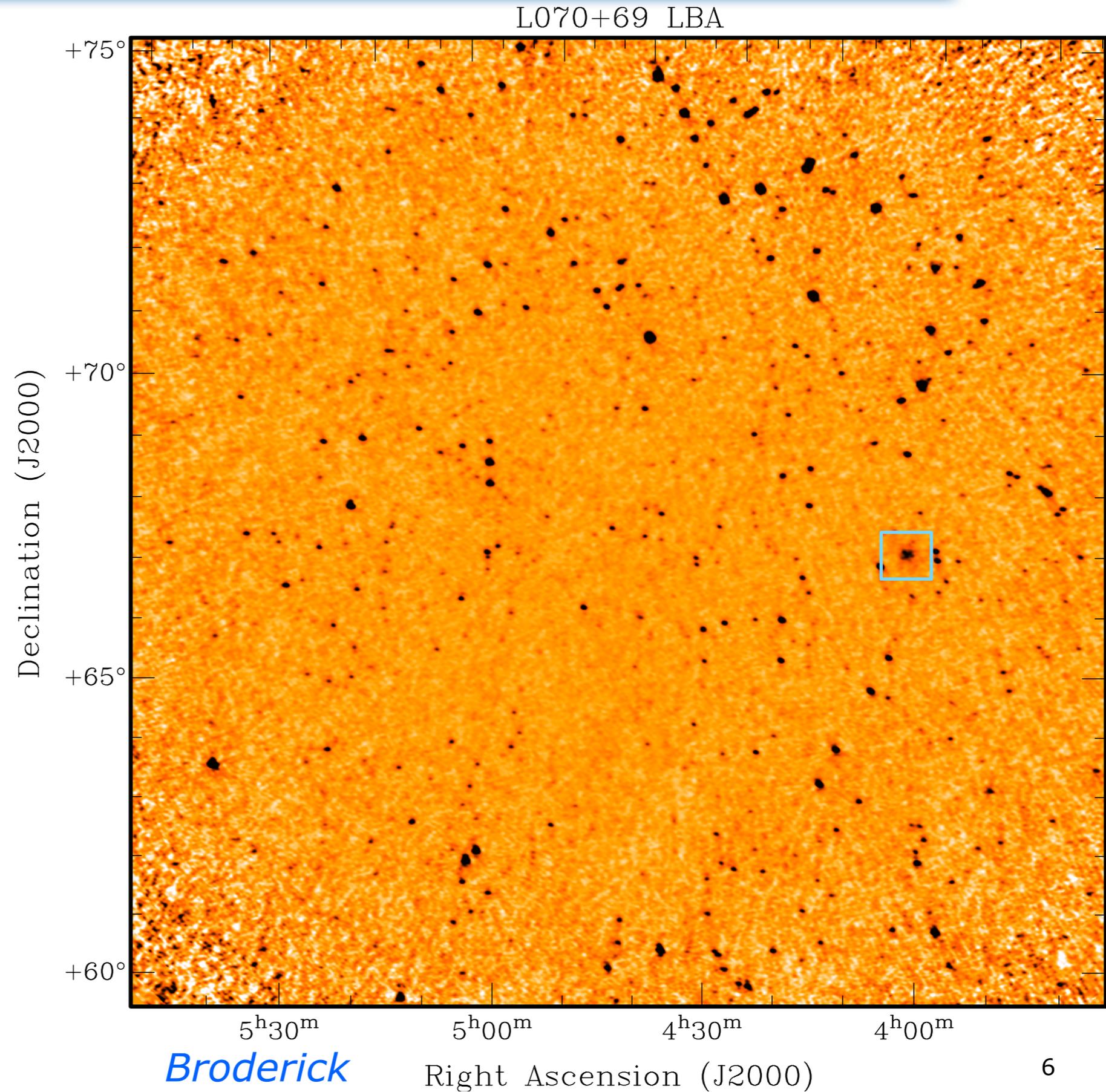
- (Pre-BBS-speedup) runtime ~ 30 min for peeling 5 directions



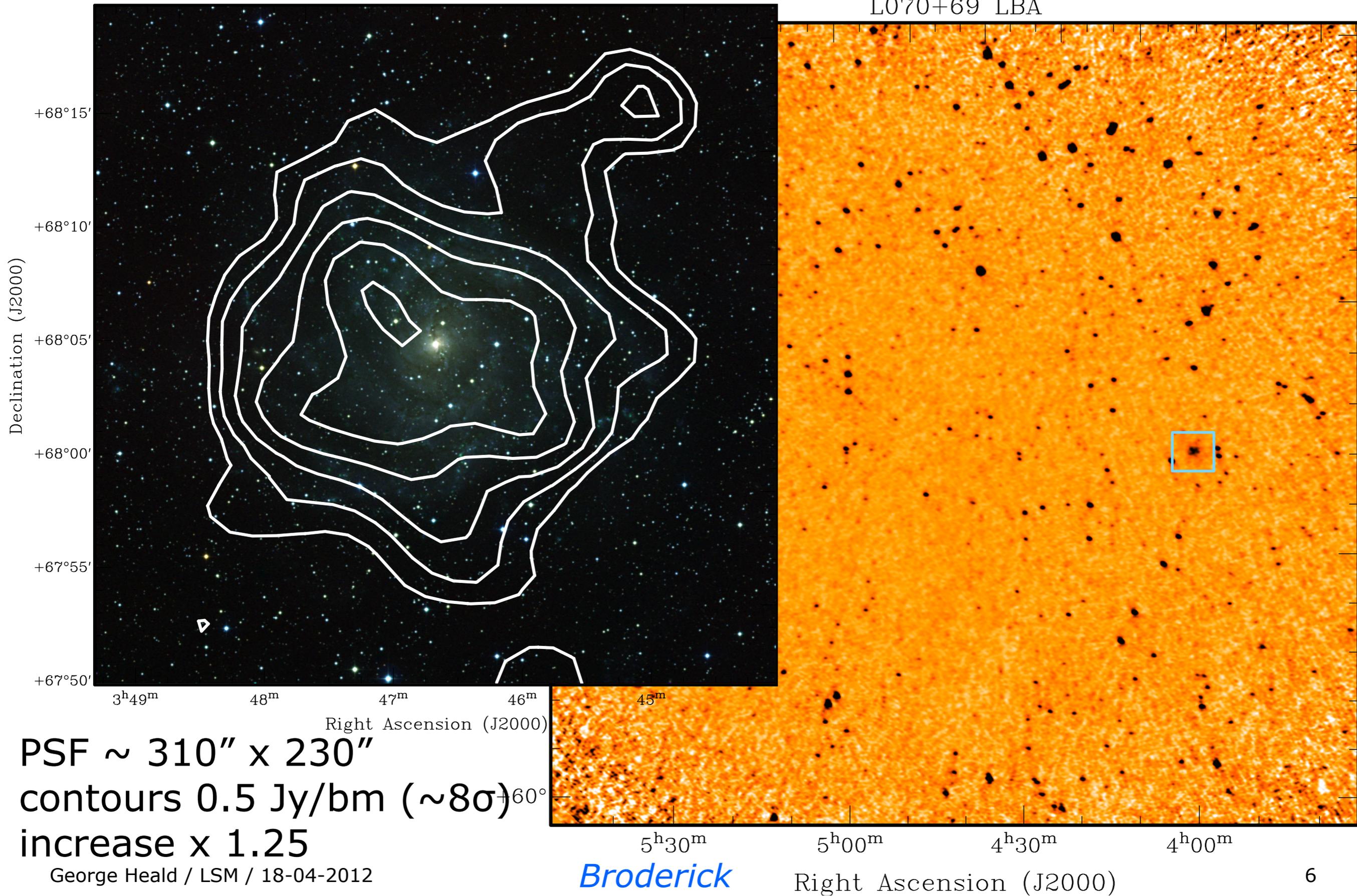
- Low dec field, image noise ~ 0.1 Jy/beam, using baselines < 10 km



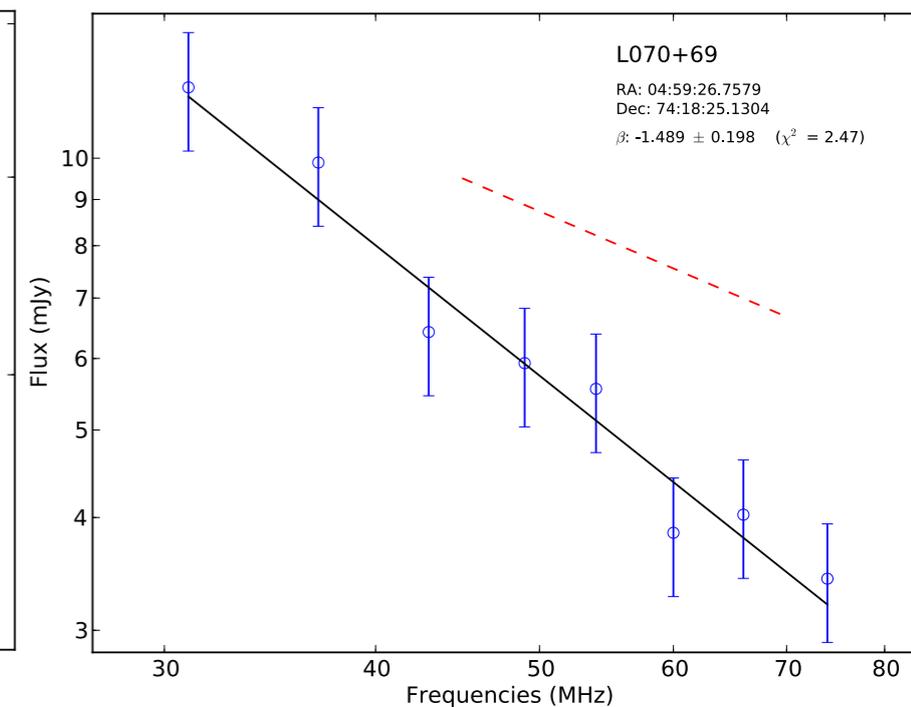
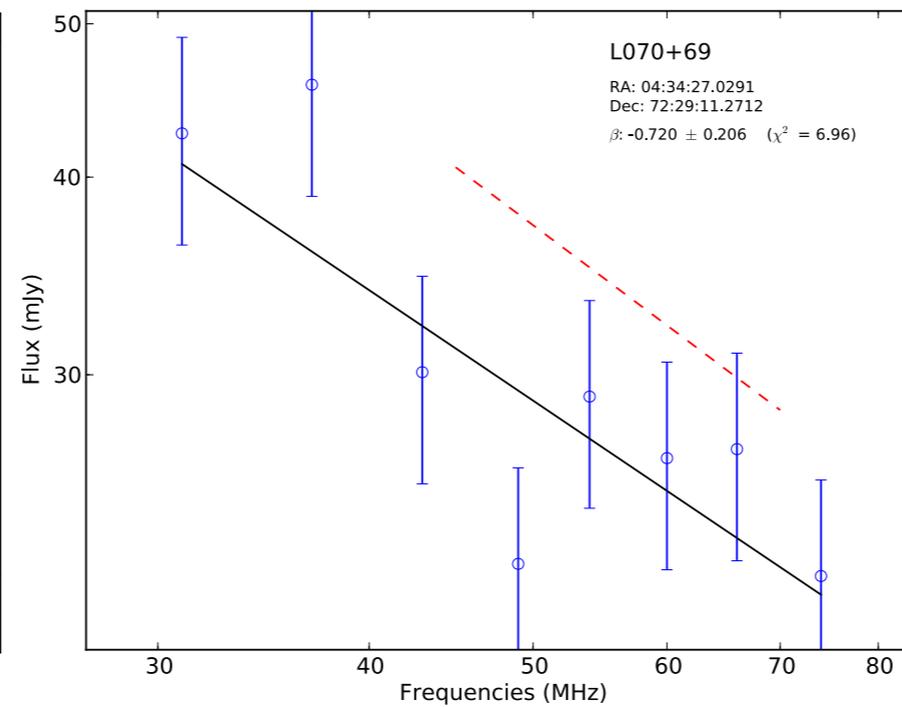
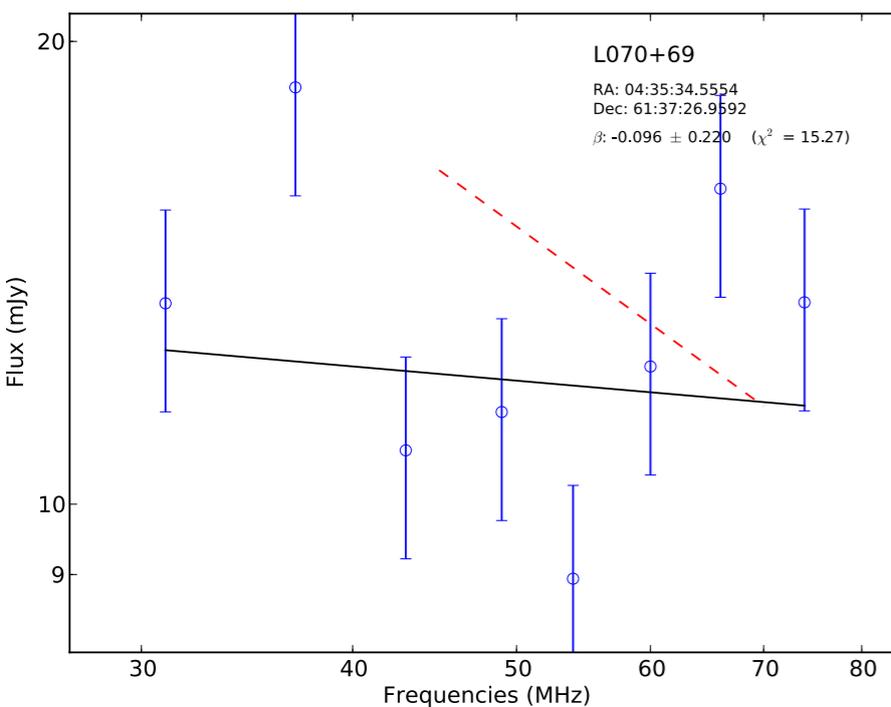




L070+69 LBA

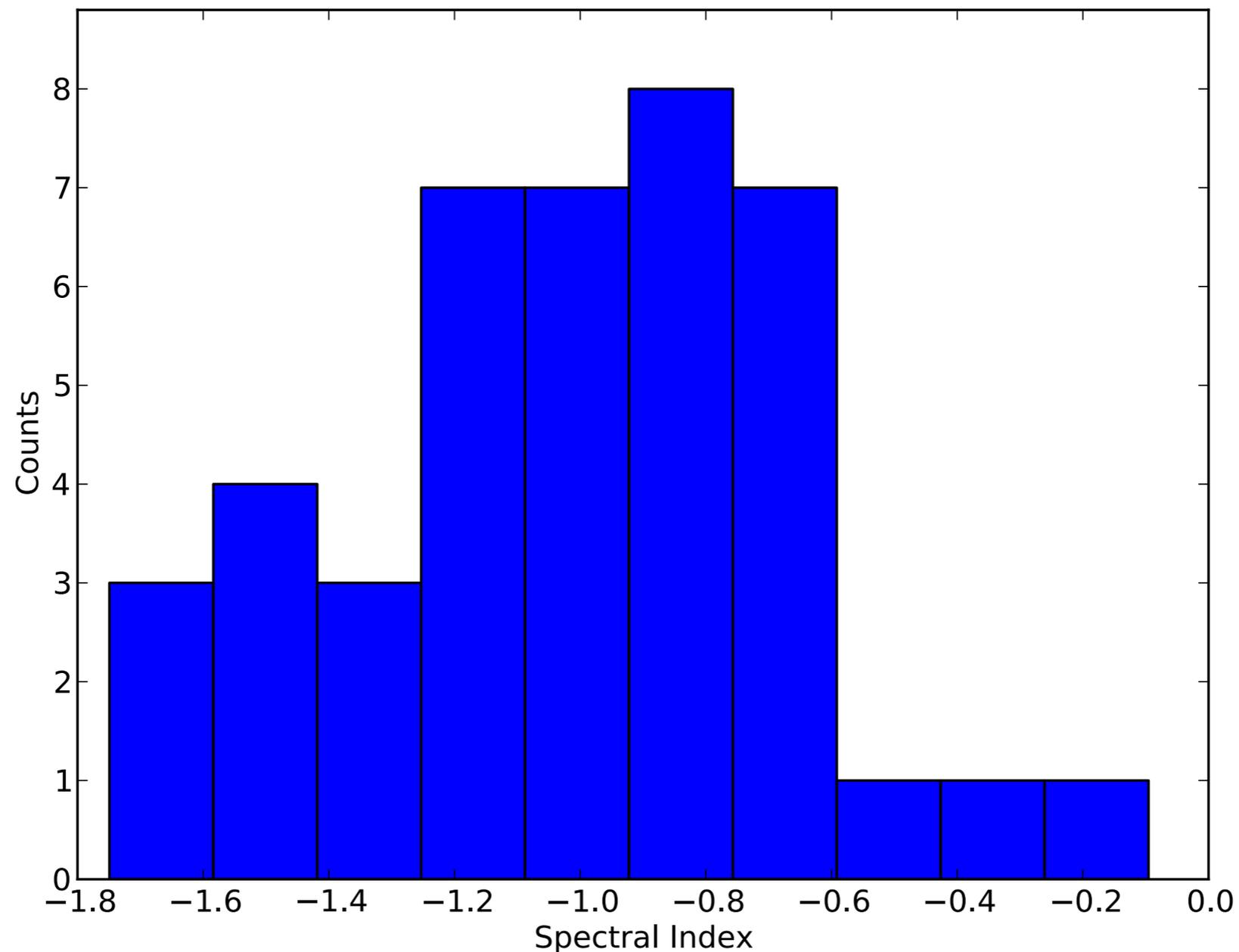


- Considering cross-matches between 8 simultaneous LBA bands
- errors estimated at $\sim 15\%$ based on fit statistics



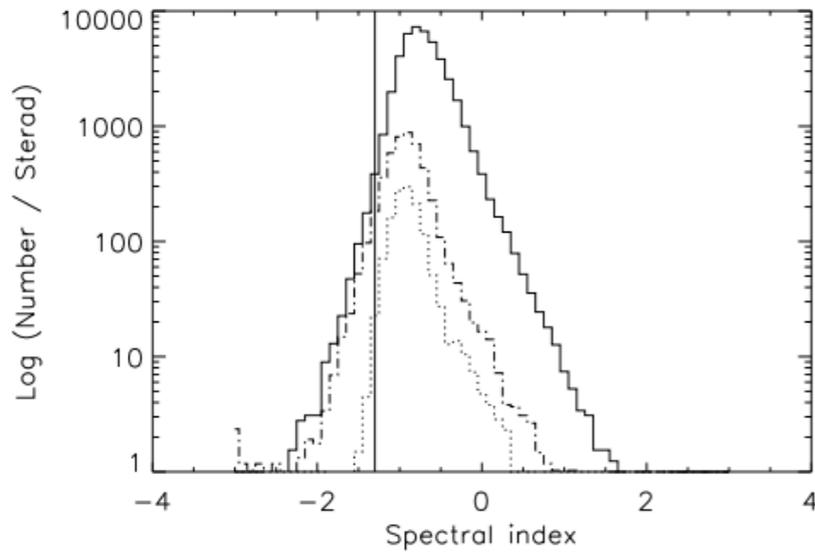
Breton

- Considering cross-matches between 8 simultaneous LBA bands
- errors estimated at $\sim 15\%$ based on fit statistics



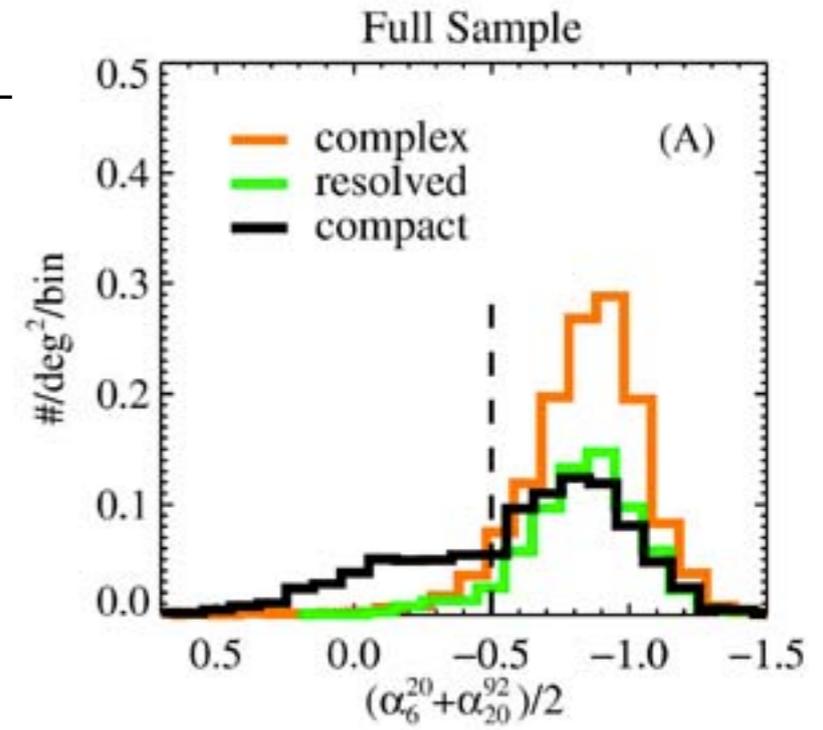
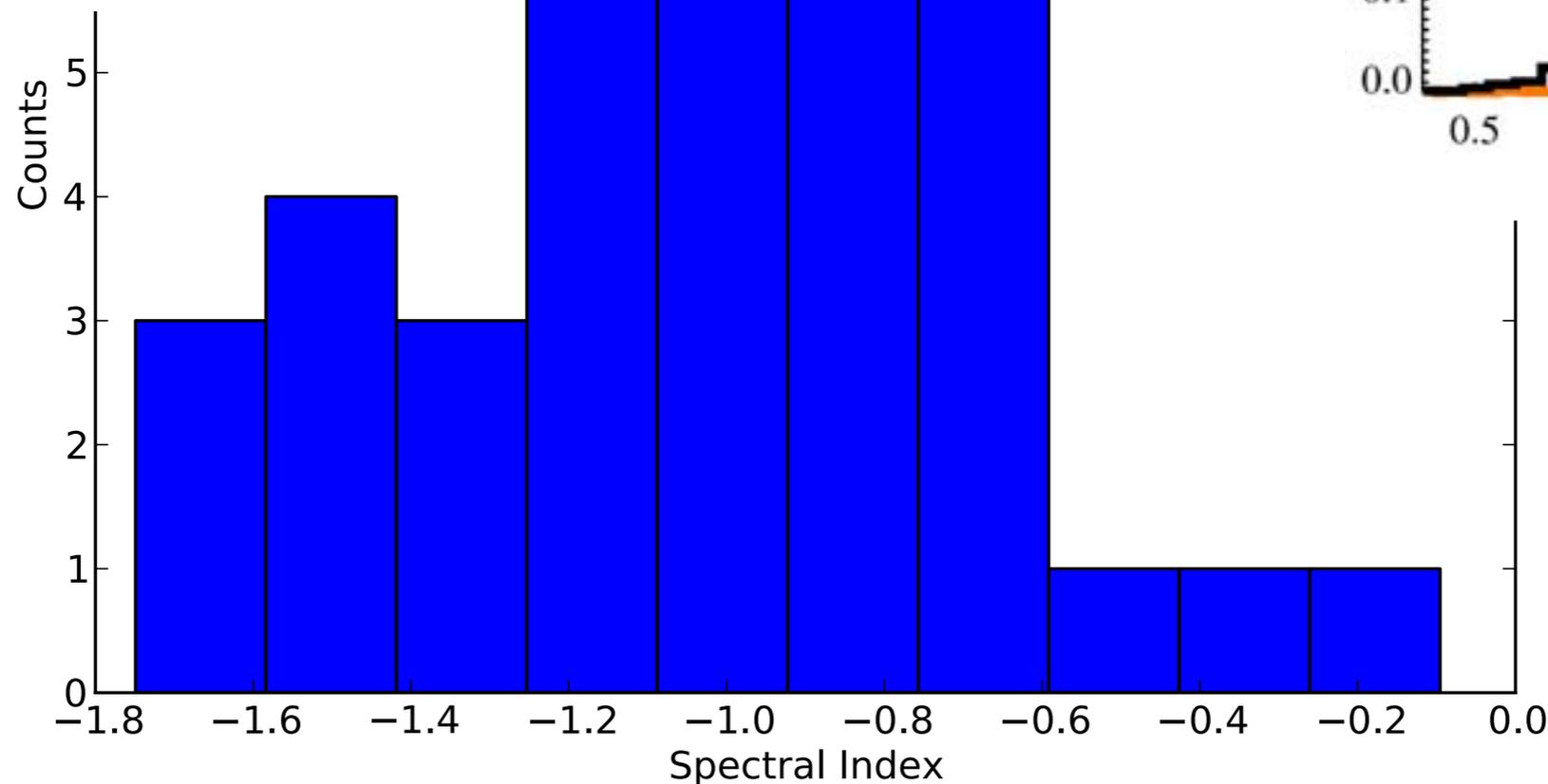
Breton

- Considering cross-matches between 8 simultaneous LBA bands
- errors estimated at $\sim 15\%$ based on fit statistics



De Breuck+
(2000)

- from combo
NVSS+WENSS
+TEXAS
+MRC+PMN



Kimball & Ivezić (2008)
- from combo
NVSS+FIRST
+GB6+WENSS

Breton