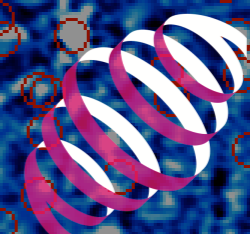
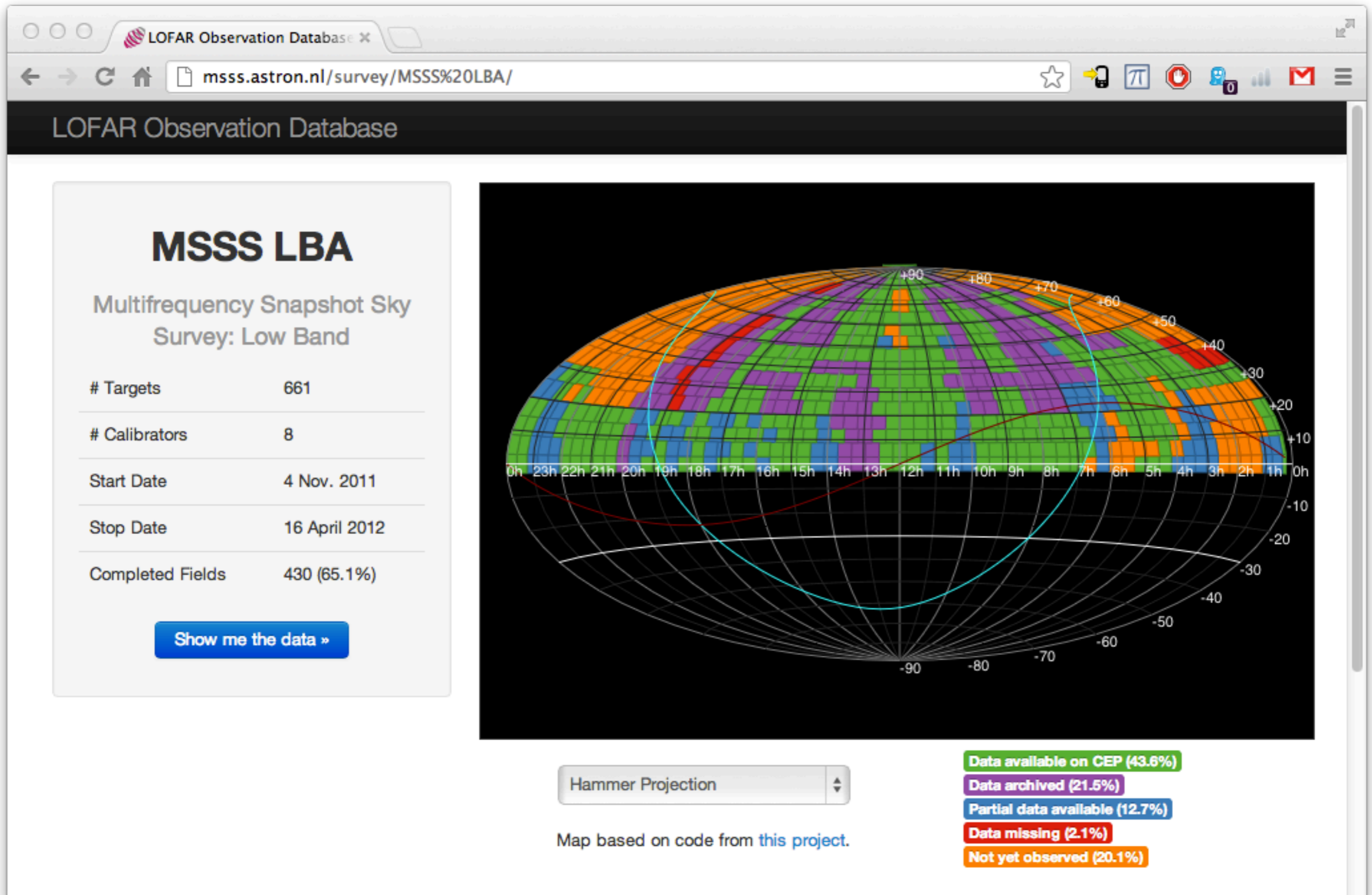


MSSS Update

George Heald (MSSS Project Leader)
(on behalf of the MSSS Team)
LSM, 12/12/12





- Manu Orru is working - manually - through the data on disk....

msss_processed ☆

File Edit View Insert Format Data Tools Help All changes saved in Drive

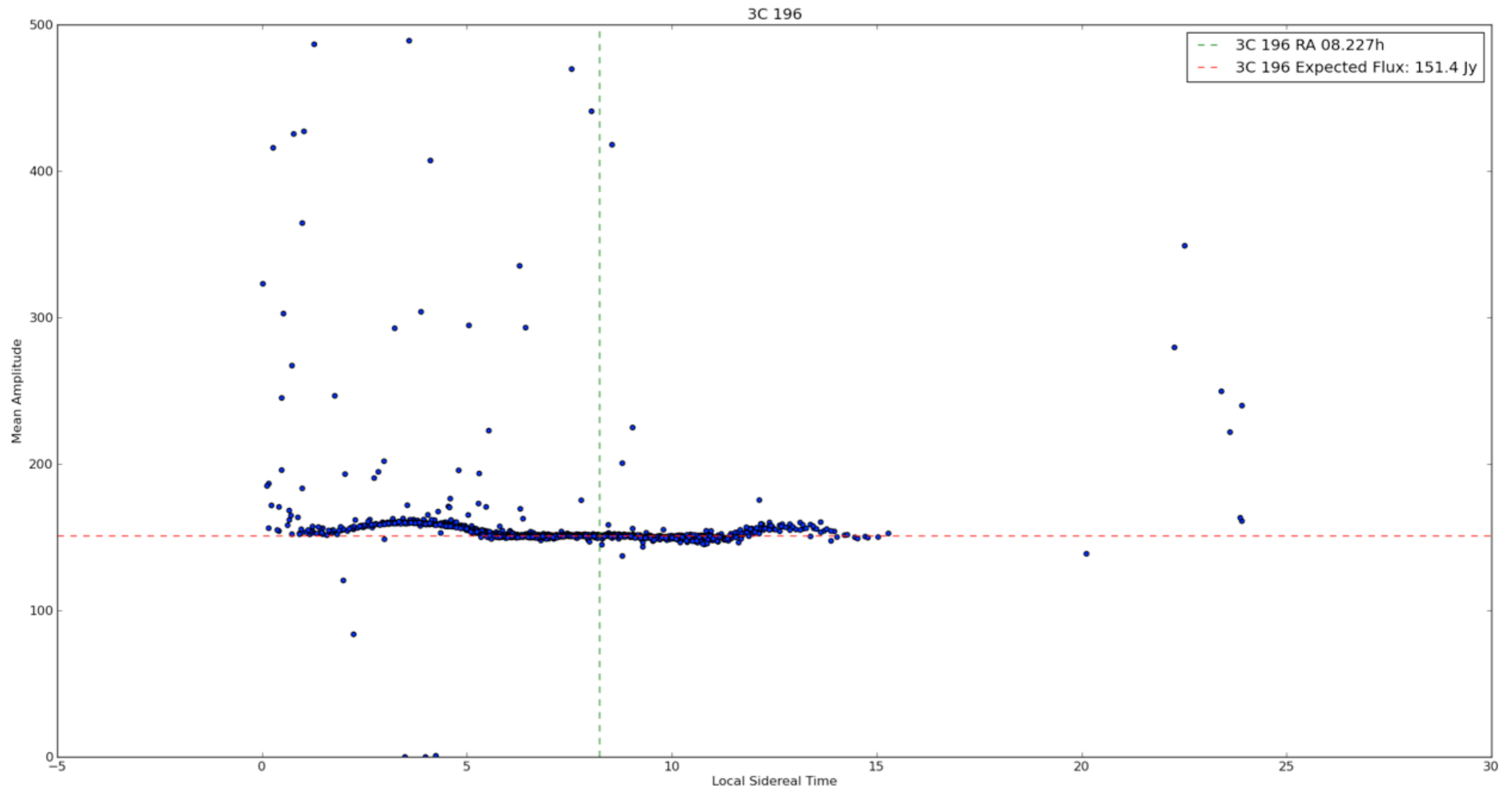
George Heald ▾

Comments Share

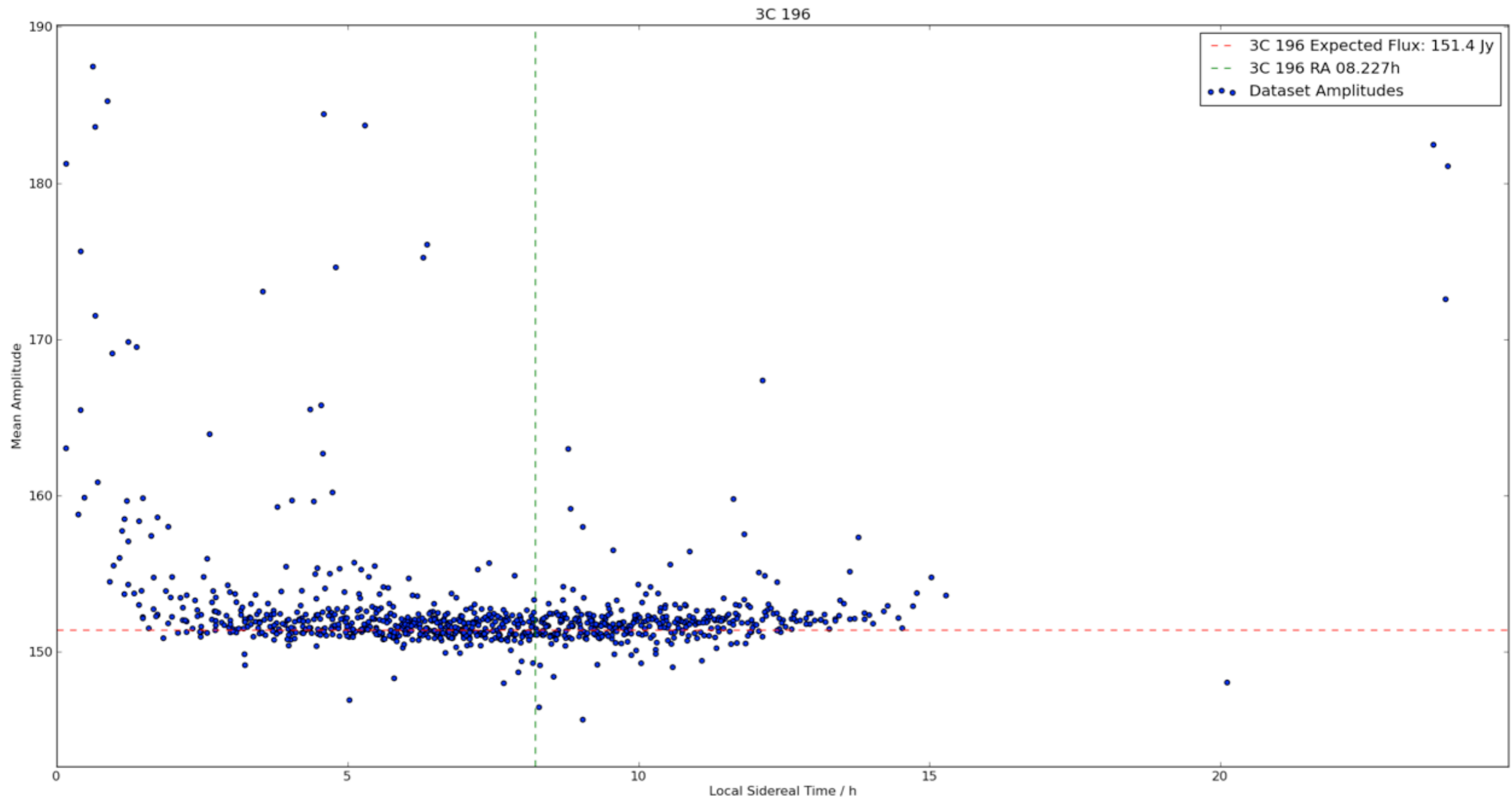
fx | MSSS mom folder

	A	B	C	D	E	F
1	MSSS mom folder	day processing	succesfull cal-tar	remarks	result img pipeline(create products	NO result img pipeli crashed
2	MARCH		ok delete raw			
3	9_Slices_Mar09_13:28	31/10/2012	raw data deleted	restared	66212 ok	
4	9_Slices_Mar09_13:28	31/10/2012	raw data deleted	restared	66211 ok	
5	9_Slices_Mar09_13:43	31/10/2012	yes waiting to be deleted	restared	66244 ok	
6	9_Slices_Mar09_13:43	31/10/2012	yes waiting to be deleted	restared	66243 ok	
7	9_Slices_Mar18_09:18	19/10/2012	yes waiting to be deleted	status no update	70183 ok	
8						
9	9_Slices_Mar18_09:18	19/10/2012	yes waiting to be deleted	status no update	70182 ok	
10	9_Slices_Mar18_09:33	mom folder issue				
11	9_Slices_Mar18_13:33	mom folder issue				
12	9_Slices_Mar18_19:18 h		NO RUN			
13	9_Slices_Mar18_19:18 h		NO RUN			
14	9_Slices_Mar18_19:33	19/10/2012	yes waiting to be deleted	status mom ok	L70181 ok	
15	9_Slices_Mar18_19:33	19/10/2012	yes waiting to be deleted	status mom ok	L70180 ok	
16	9_Slices_Mar18_19:48	19/10/2012	NO RUN	status mom ok	L70179 ok	
83	DECEMBER					
84						
85	9_Slices_Dec18_02:48	problem mom/database?				
86	9_Slices_Dec24_20:33	15/11/2012	yes waiting to be deleted		75163 ok	
87	9_Slices_Dec24_20:33	15/11/2012	yes waiting to be deleted		751632 ok	
88	9_Slices_Dec31_19:48	problem mom/database?				
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						
101						
102	blue = processing					
103	red = mom issue					
104	violet bold = only cal target no img					
105	http://www.lofar.org/wiki/doku.php?id=st	changes automatic pipelines				

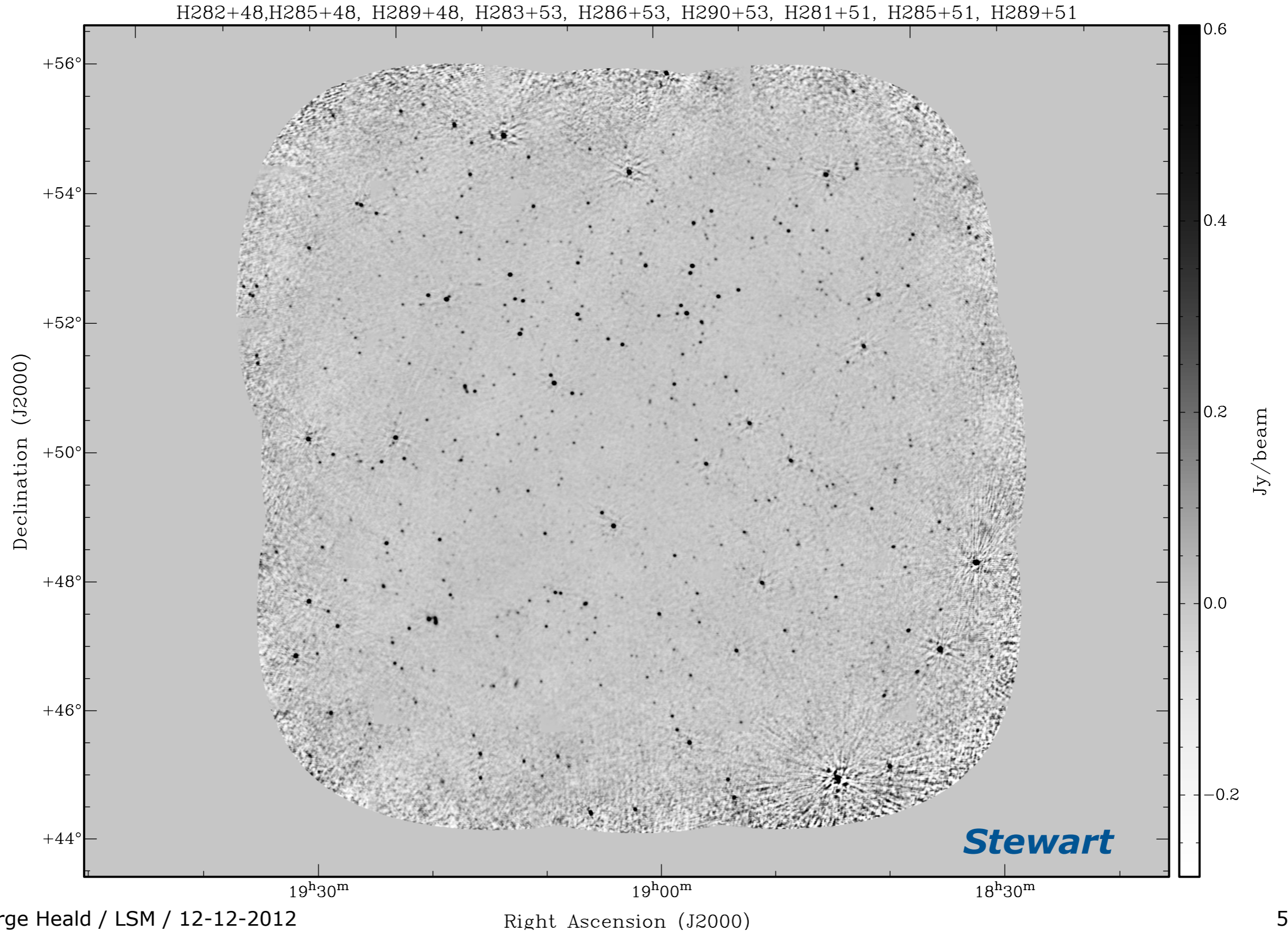
- LST-dependent flux error may be solved with full gain solution (for 3C196, but perhaps not for 3C295?)



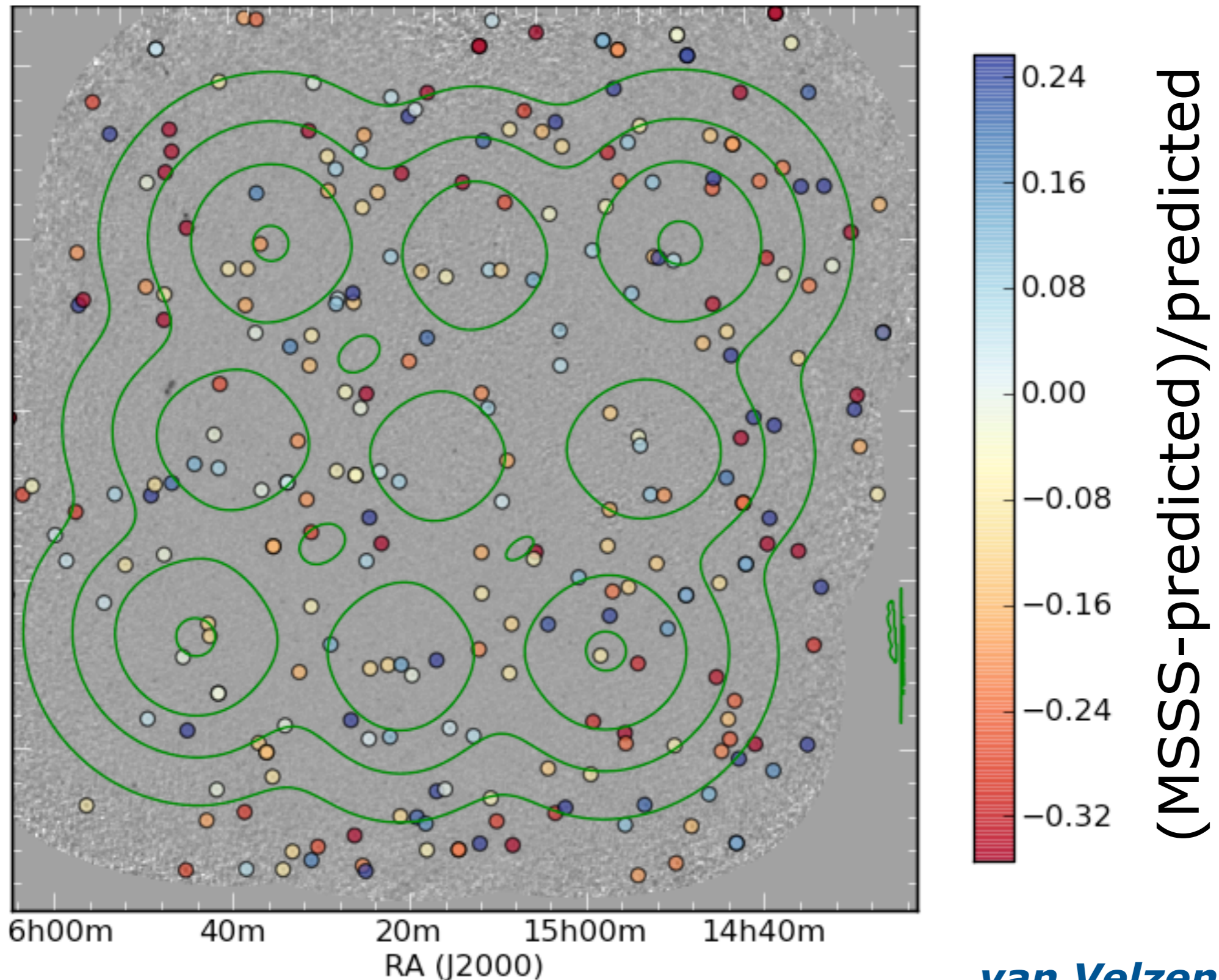
- LST-dependent flux error may be solved with full gain solution (for 3C196, but perhaps not for 3C295?)



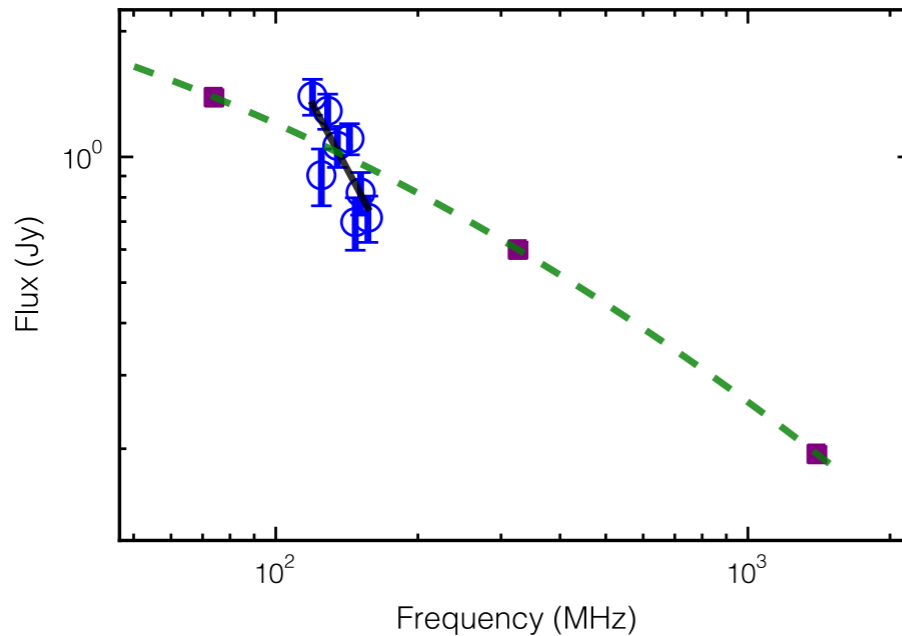
Mosaic near Cygnus A



- Comparing MSSS fluxes with NVSS, WENSS, VLSS:



- Comparing MSSS fluxes with NVSS, WENSS, VLSS:



Field: L227+69 ID: 161431+690147

RA: 16:14:31.1407 Dec: 69:01:47.0265

Distance center: 5.121°

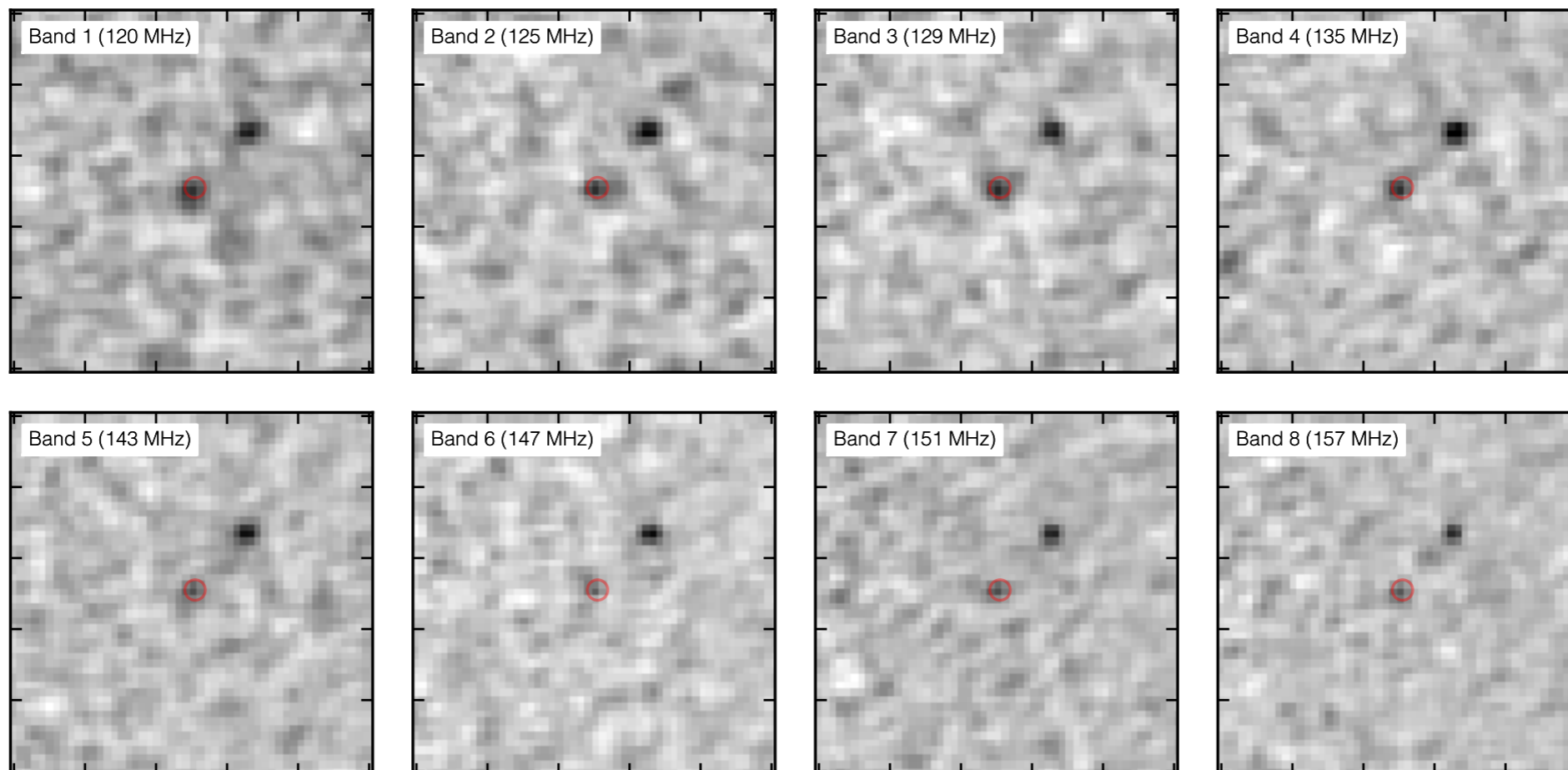
Number of detections: 8 [1 2 3 4 5 6 7 8]

MSSS spectral index: -2.12 ± 0.44

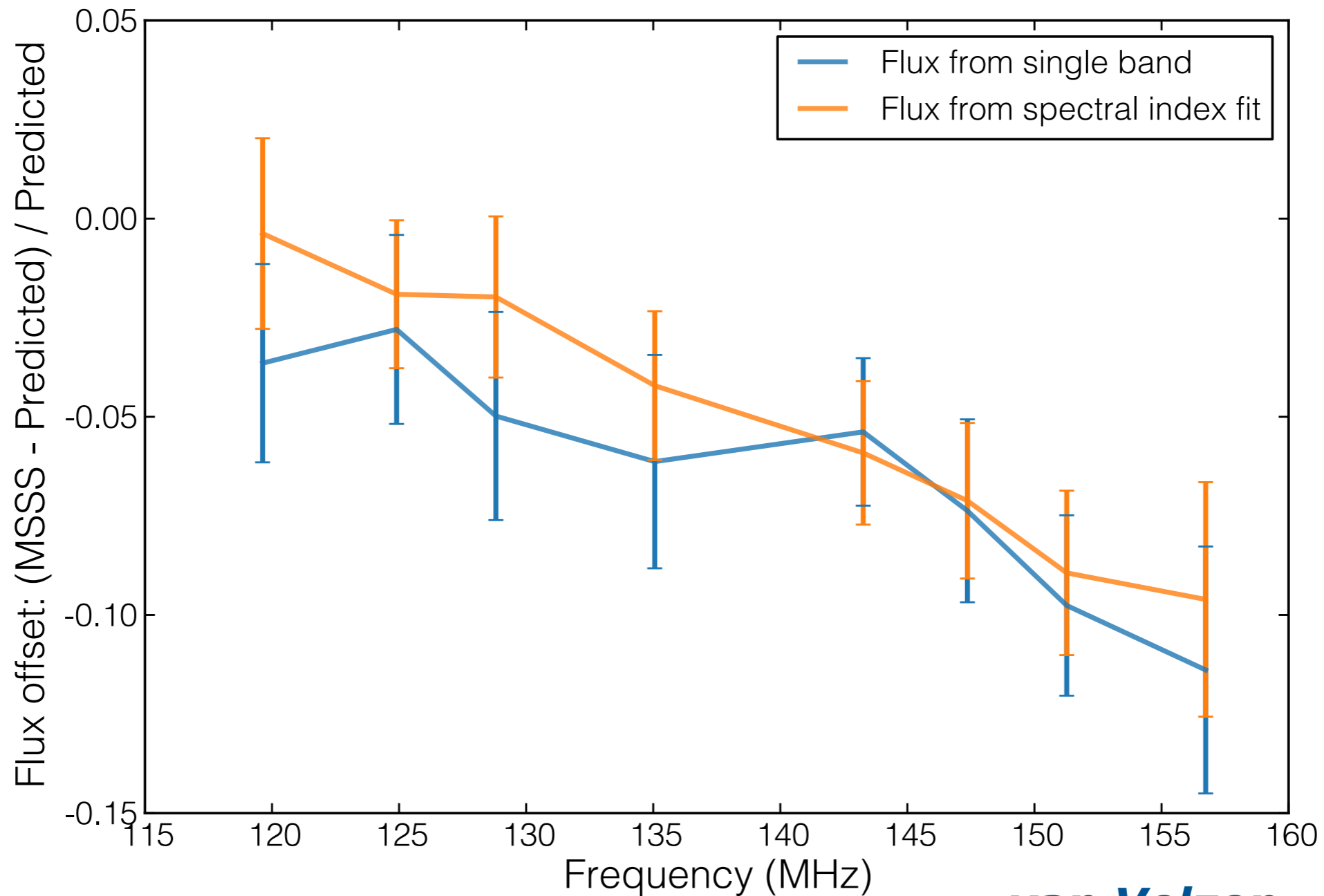
$$\chi^2 = 13.68 \text{ (6 d.o.f)}$$

Catalogue detection: 161431+690154

NVSS-WENSS-VLSS spectral index: -0.67

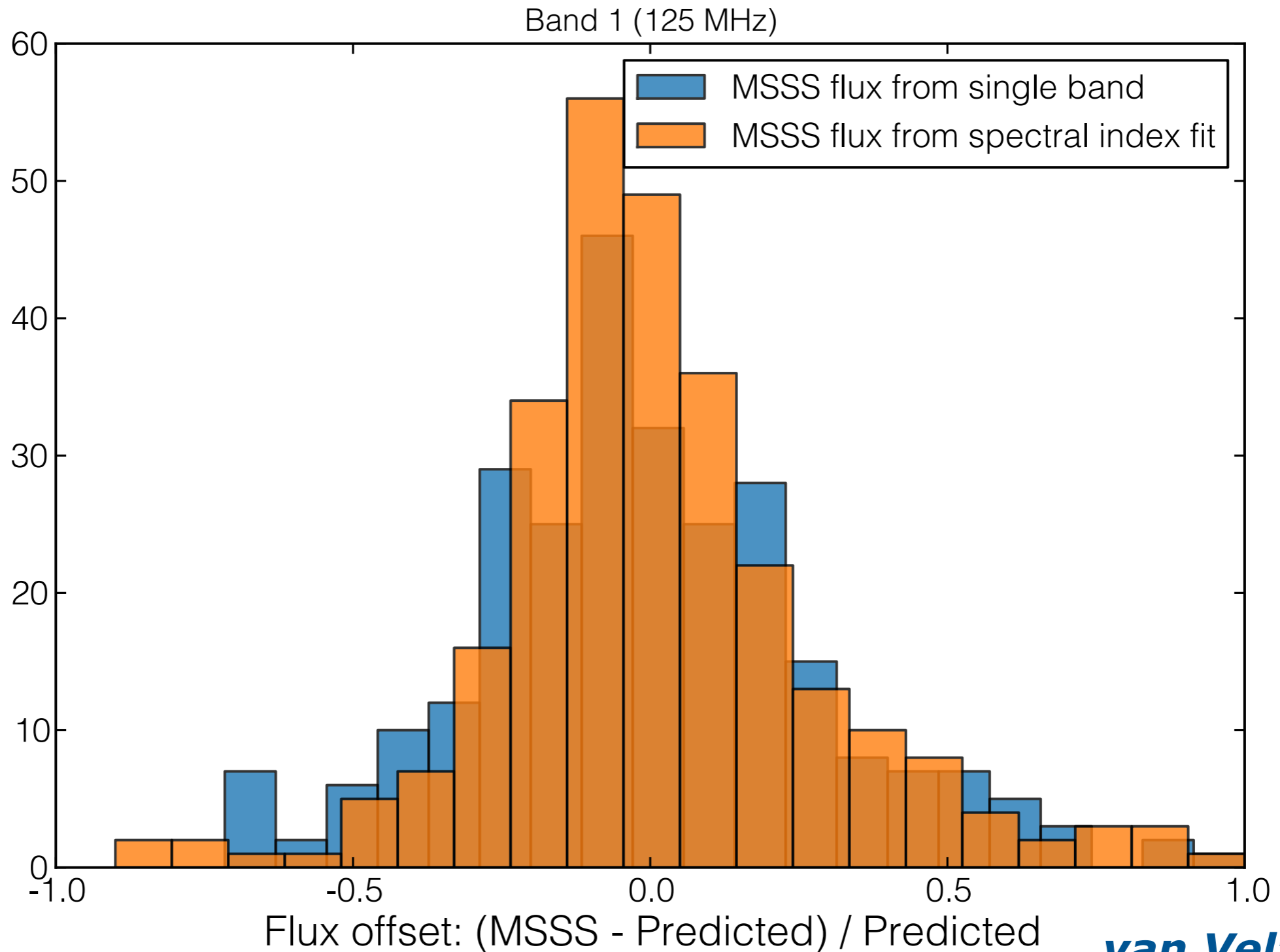


- Comparing MSSS fluxes with NVSS, WENSS, VLSS:



van Velzen

- Scatter large ($\sim 10\%$ rms), systematic frequency-dependent offset



van Velzen