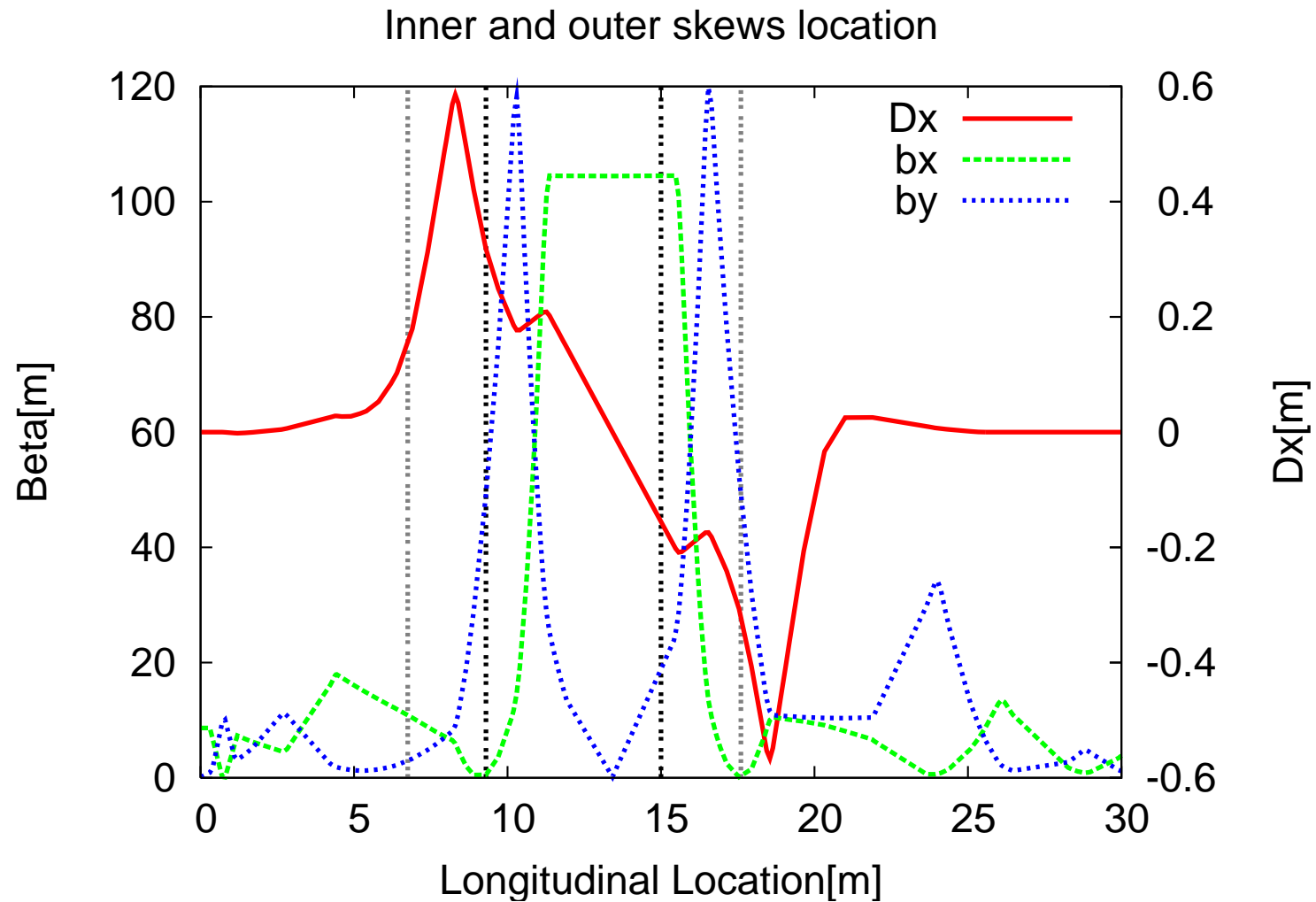


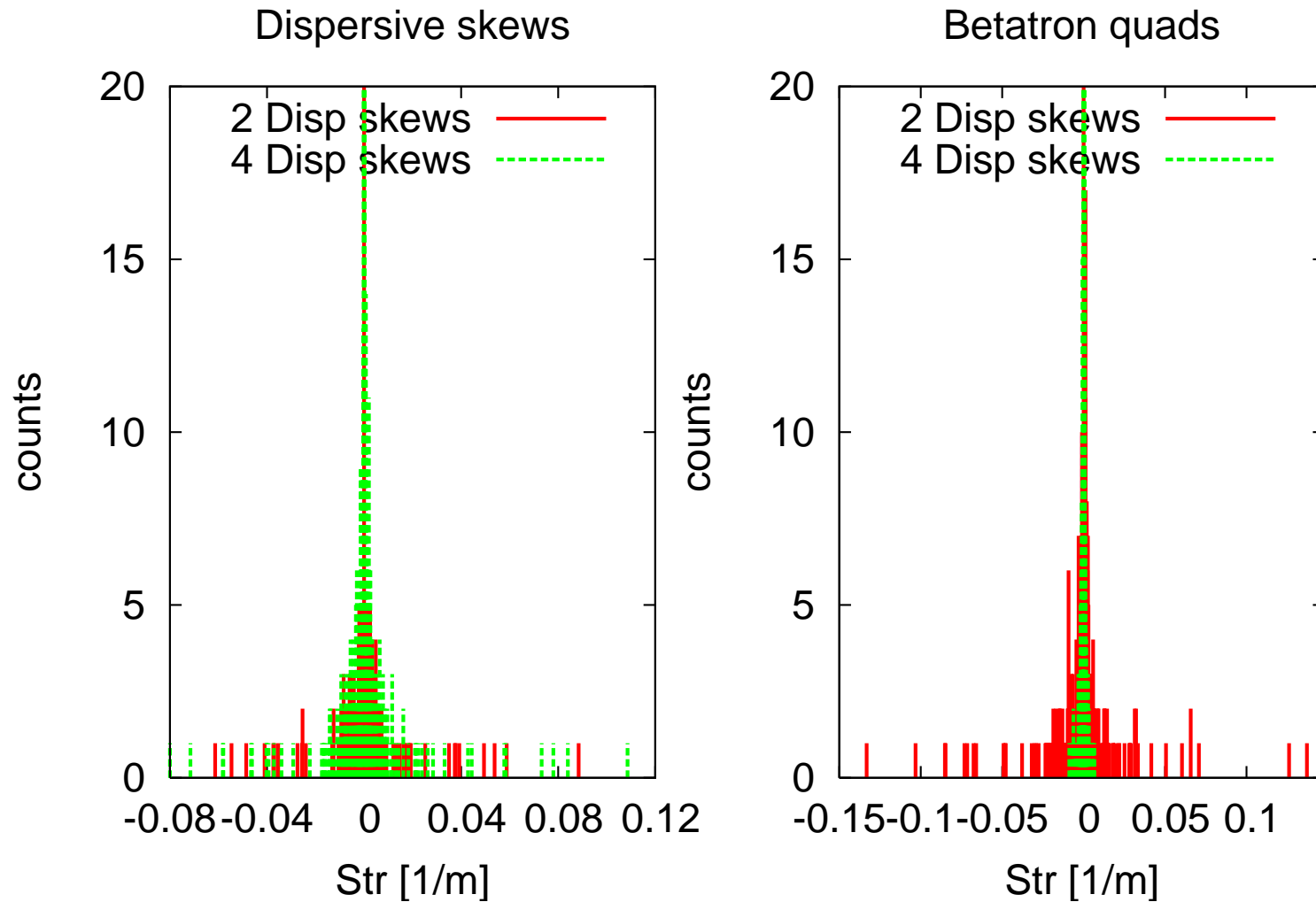
Preliminar requirements on the ATF2 EXT
skew quadrupoles

R. Tomás

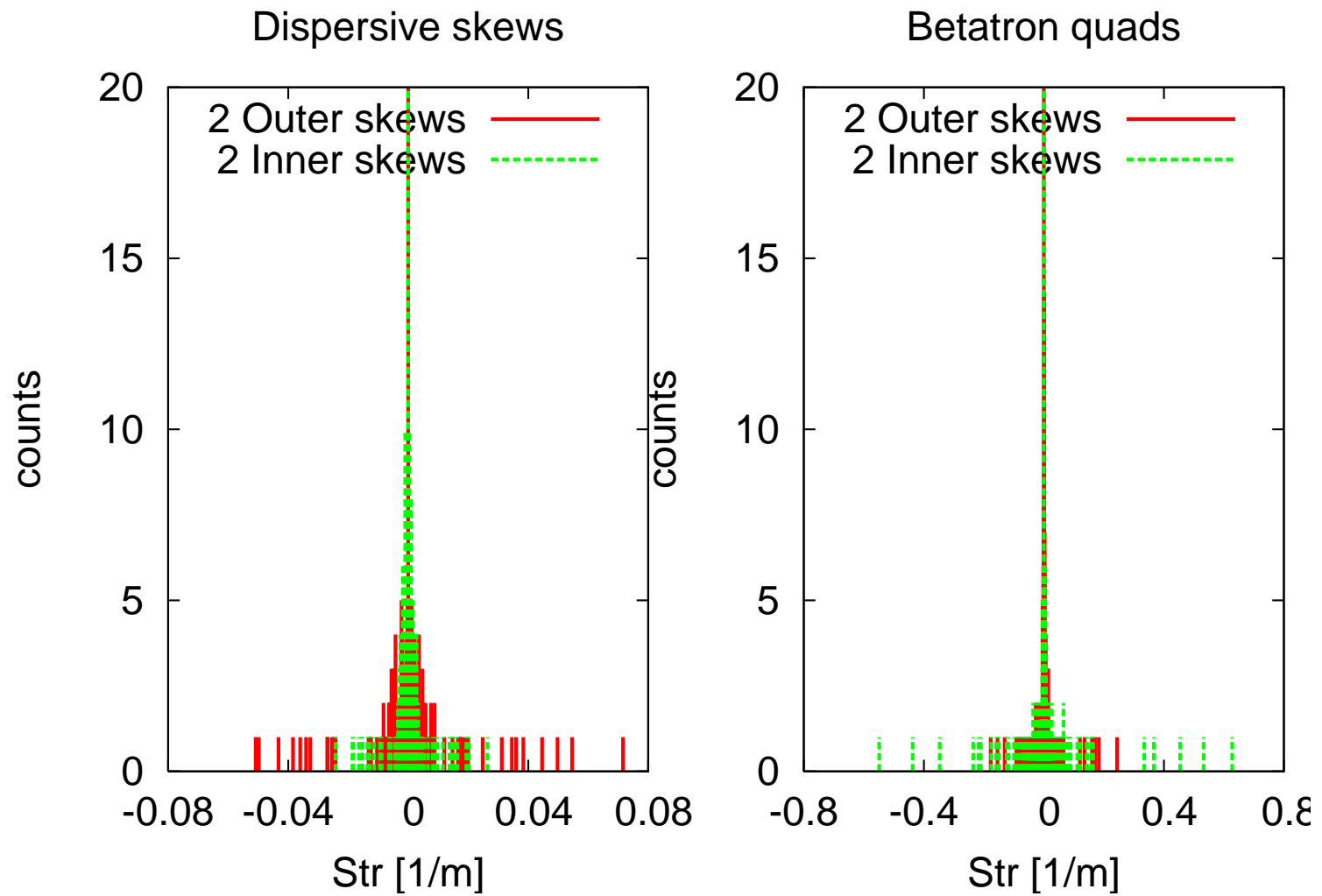
Thanks to Okugi san and Mark Woodley



- Same alignment errors as Mark (0.3mrad all magnets, etc.)
- No measurement errors considered
- Two approaches for correction:
 - Simultaneous Dy & coupling: Requires measurement of map coefficients.
 - Two step correction: First Dy and then coupling
- 100 random seeds



Two step correction



Summary

Corr. method	Disp skews	Max Disp str	Max Bet str
Simultaneous	2 outer	0.10	0.15
Simultaneous	4	0.12	0.02
Two step	2 inner	0.03	0.7
Two step	2 outer	0.08	0.3