

Fill 17600

Fill #	F17600
1st run	14158039
last run	14160033
# of runs	67
fill start time	1370650977
fill stop time	1370808446
start diff	195
stop diff	166
1st run time	2013-06-07 20:42:57
# of filled B	B111
# of filled Y	Y111
spin patterns	B++-----++ Y---++---++
pattern index	P28

Issue

- Spin Pattern is not consistent throughout the entire fill. Blue beam intensity dropping with time.

Examining/fixing

- checked cdev output at different time stamp during the fill
- found last 14 runs has different spin pattern compared to first 53 runs.

first 60 runs B++-----++ Y---++---++

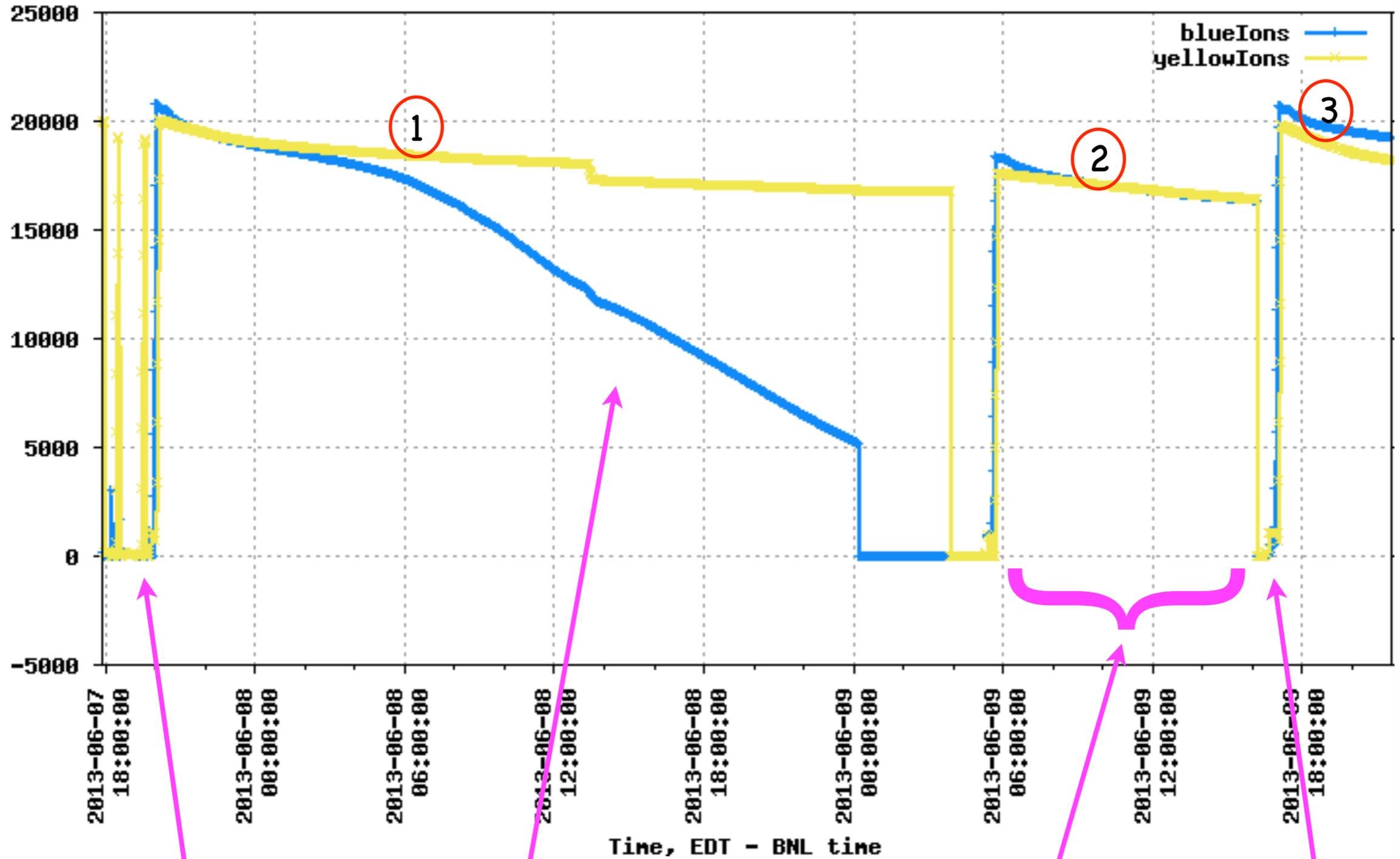
last 20 runs B++---++--- Y ---++++---

conclusion

last 20 runs have different spin pattern. This pattern does not match with the next fill either.

Need to introduce a new fill number!

RHIC beam Ions during F17600- F17601



F17600 start

First 60 runs,
Blue beam ion intensity dropping

Last 20 runs of F17600

F17601 start