Dynamic aperture - data

February 11 2004

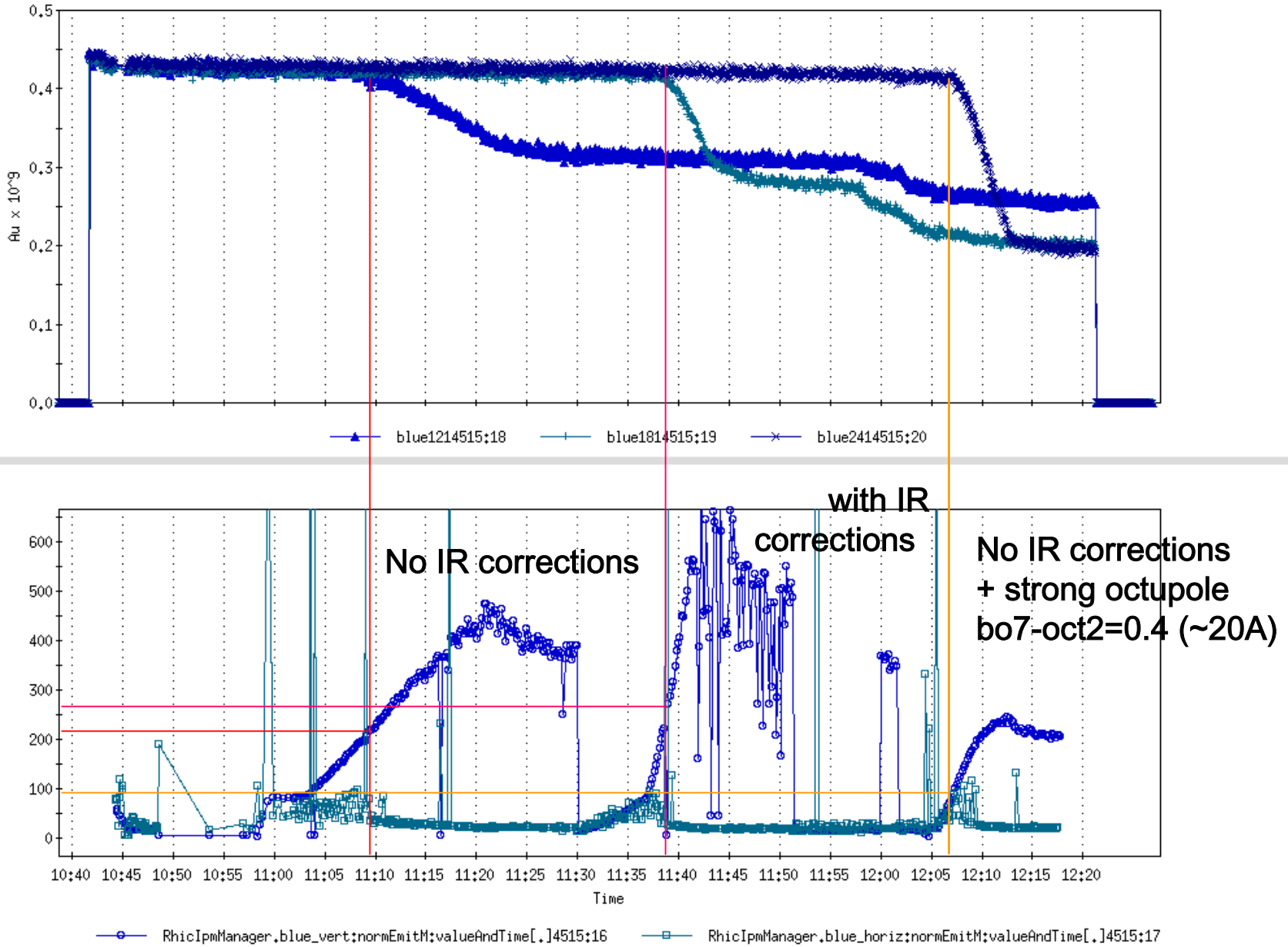
Fill number: 4515 Tunes: .232 .229 (operations)

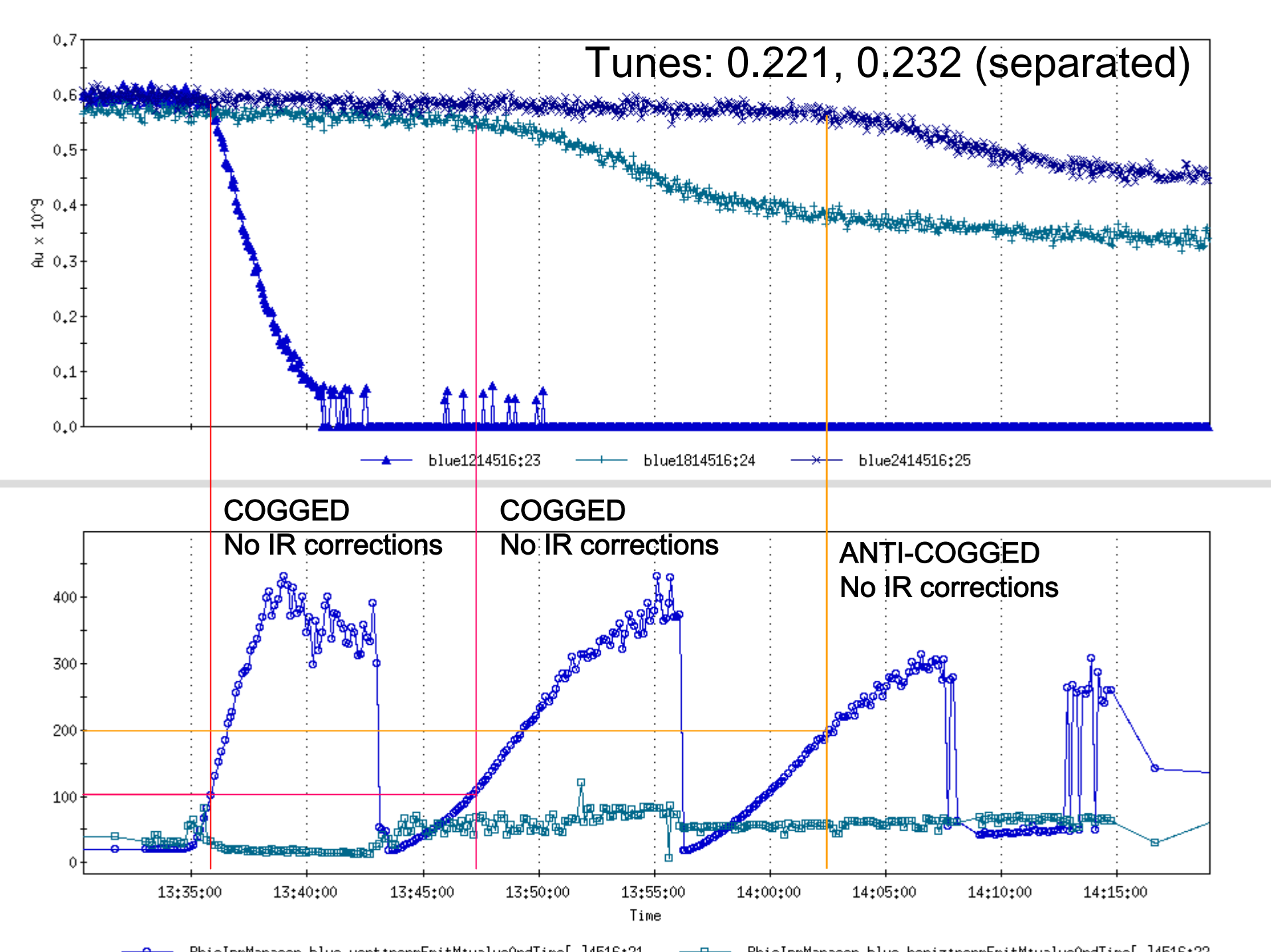
configuration	Bucket	kick	start	time loss	end kicking
No IR corr	121	vert	11:00	11:10	~11:20
With IR corr	181	vert	11:30	11:37:30	~11:43
Strong oct	241	vert	12:05:50	12:07:00	~12:13

Fill number: 4516 Tunes .221 .232 (separated)

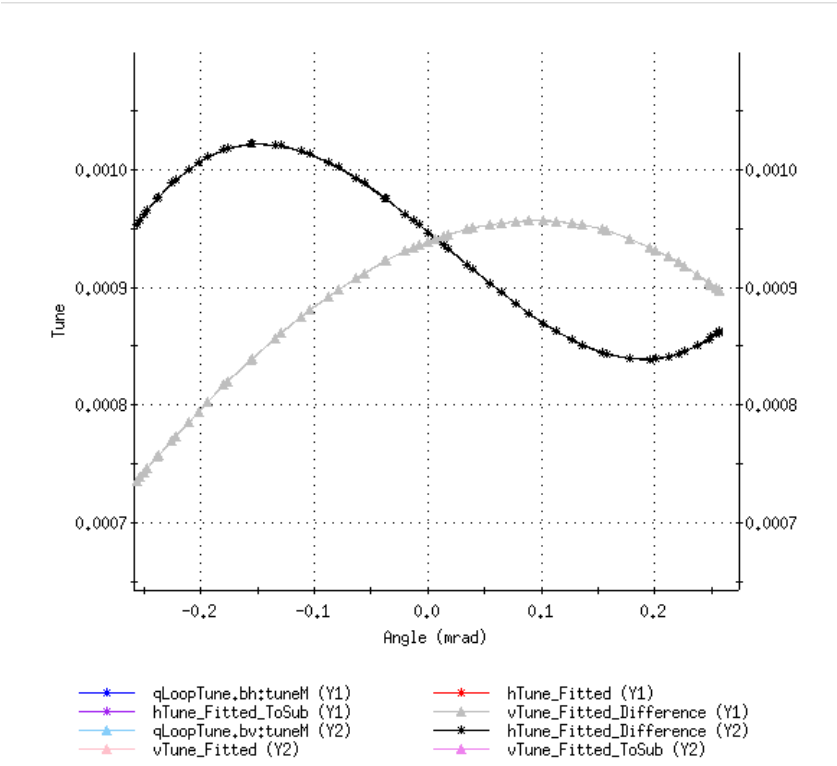
configuration	Bucket	kick	start	time loss	end kicking
Cogged	121	H+V	13:35	13:35:30	13:40:30
Cogged	181	V	13:44	13:50	13:55
Anti-cogged	241	V	13:56:20	14:03	14:07:30

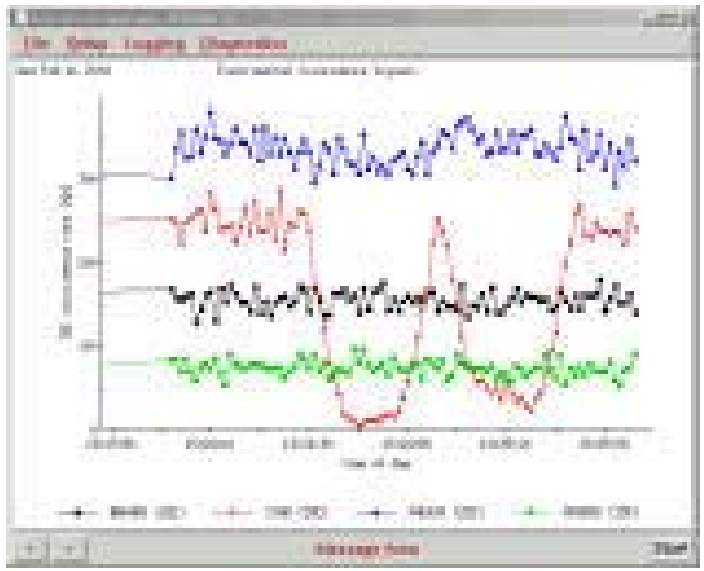
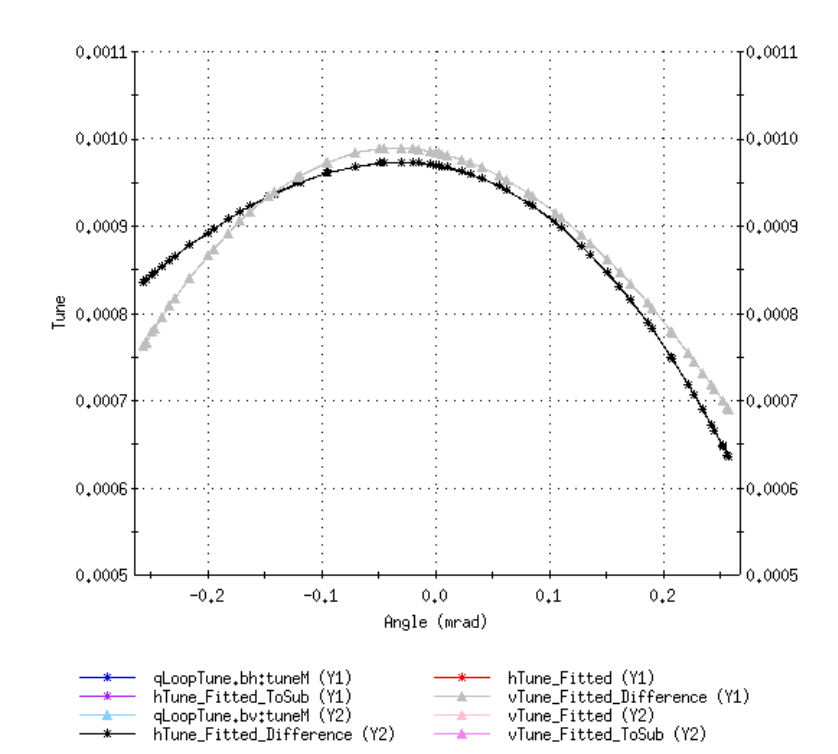
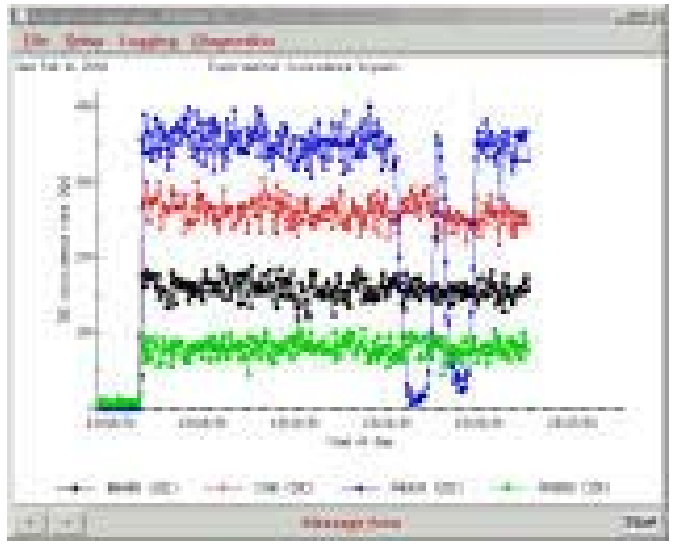
Tunes: 0.232, 0.229 (operations)




Tunes: 0.221, 0.232 (separated)
Au x 10^9
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
blue1214516:23
blue1814516:24
blue2414516:25
COGGED
No IR corrections
COGGED
No IR corrections
ANTI-COGGED
No IR corrections
400
300
200
100
0
13:35:00
13:40:00
13:45:00
13:50:00
13:55:00
14:00:00
14:05:00
14:10:00
14:15:00
Time

IR6 angle bump – cogged vs. anti-cogged





IR8 angle bump – cogged vs. anti-cogged