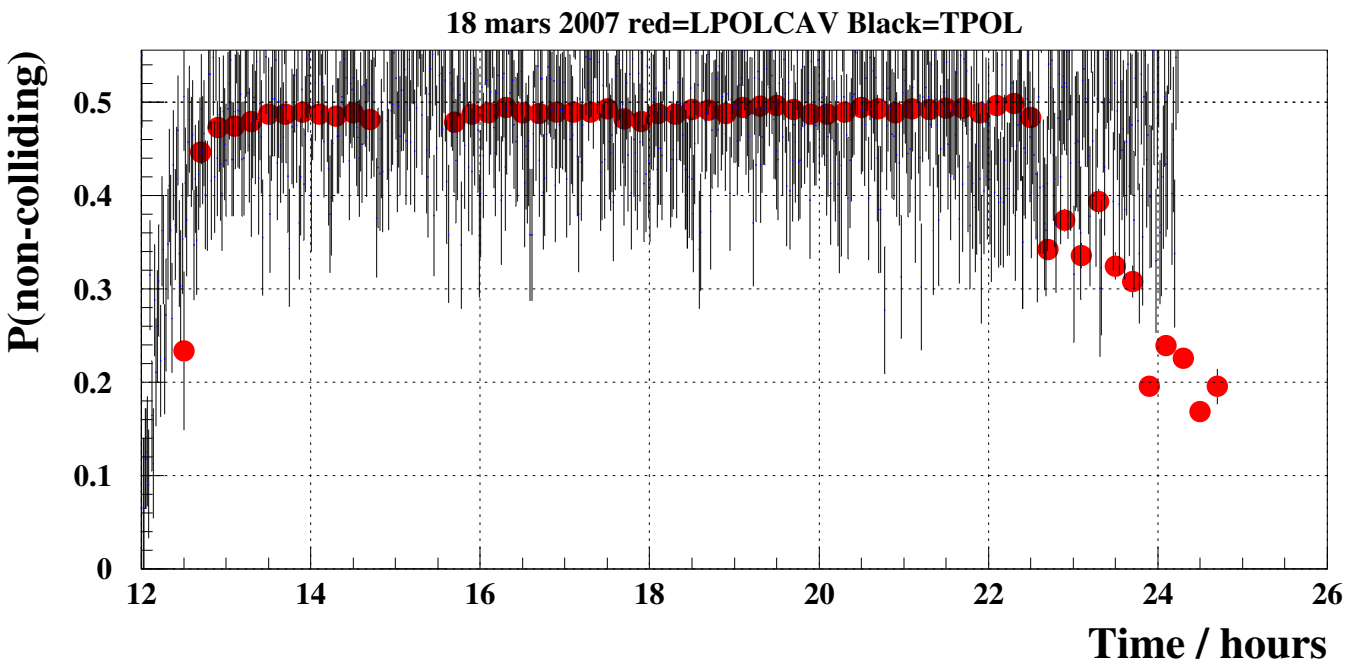
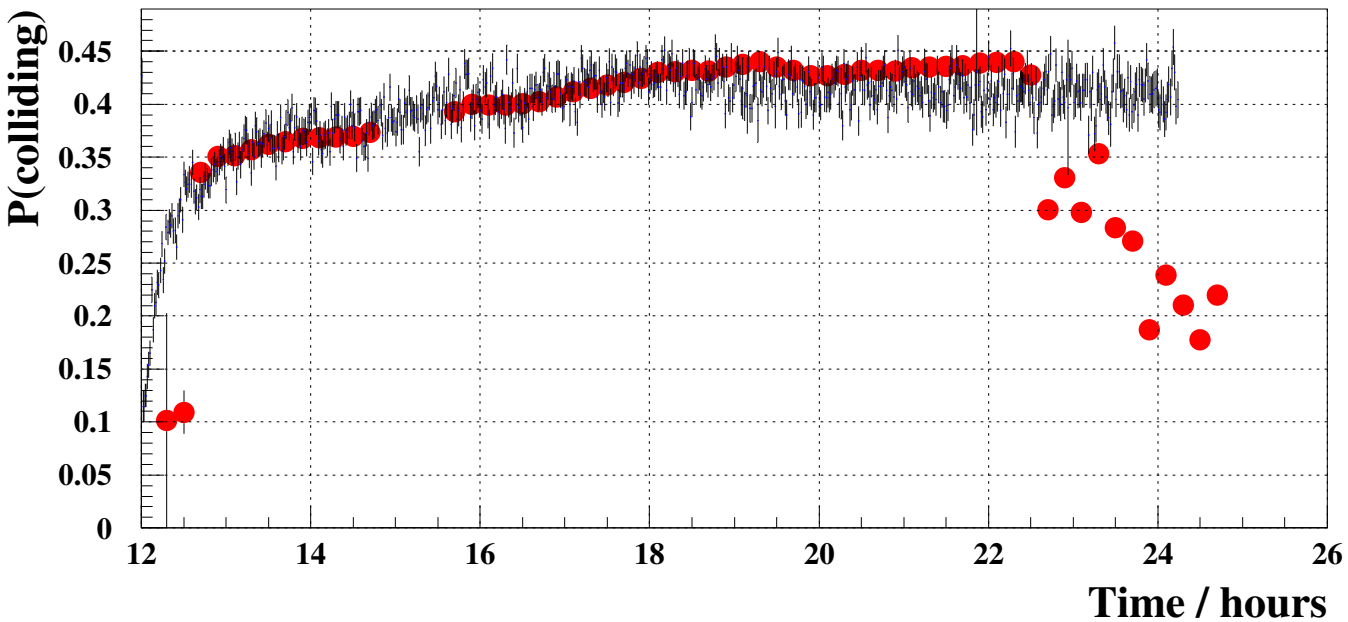
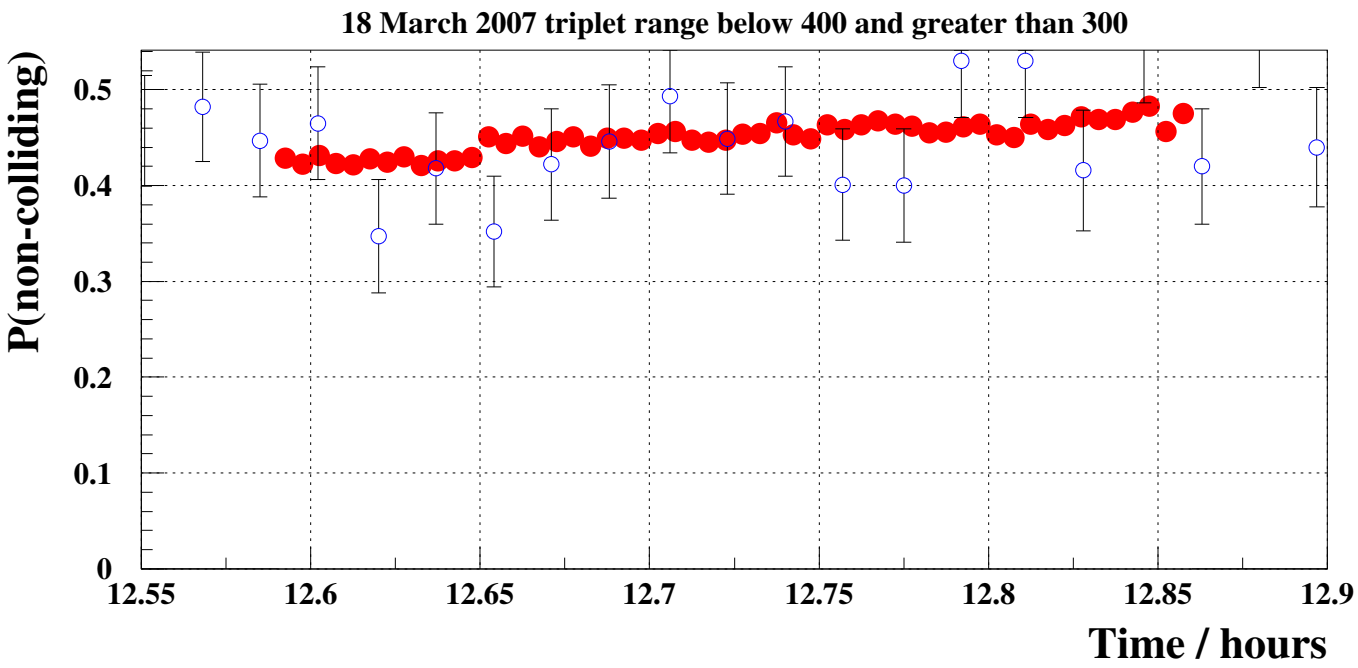
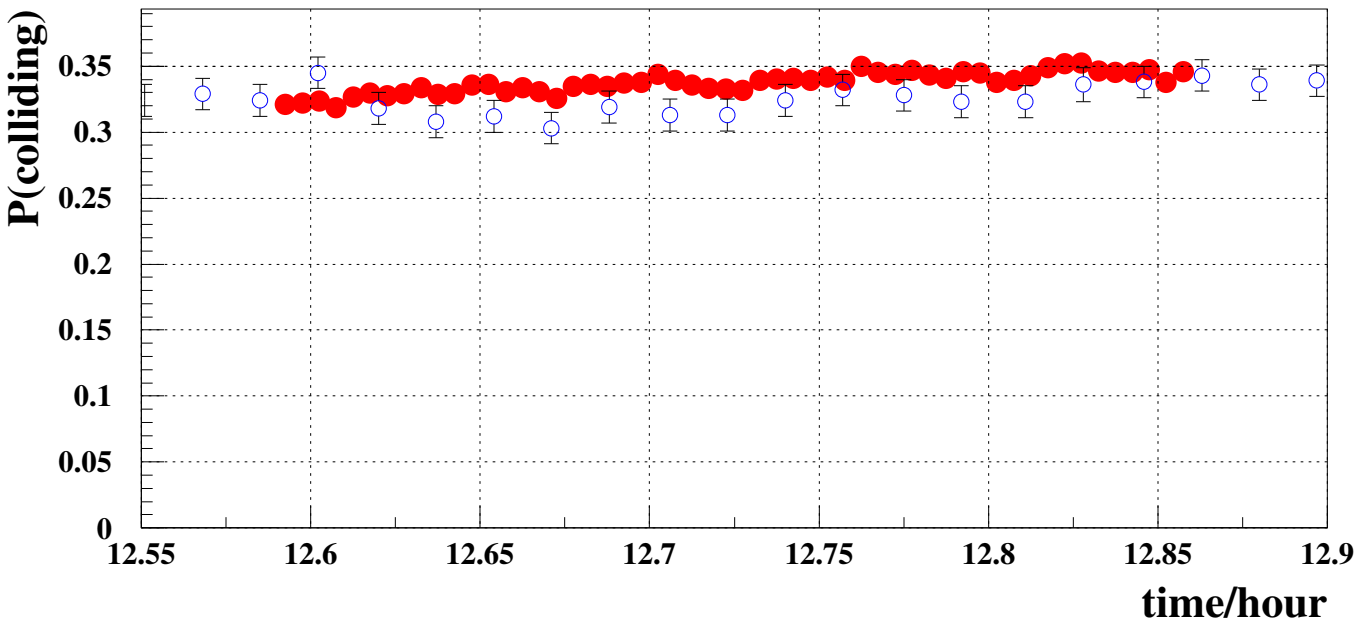
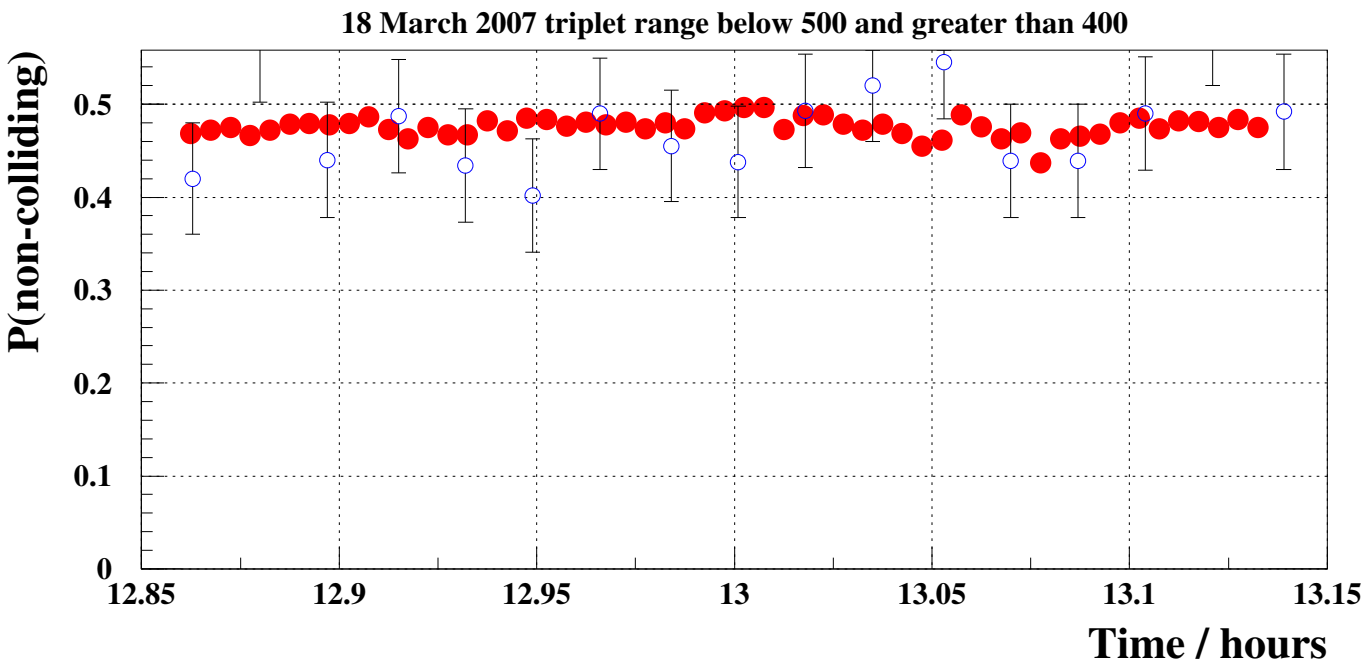
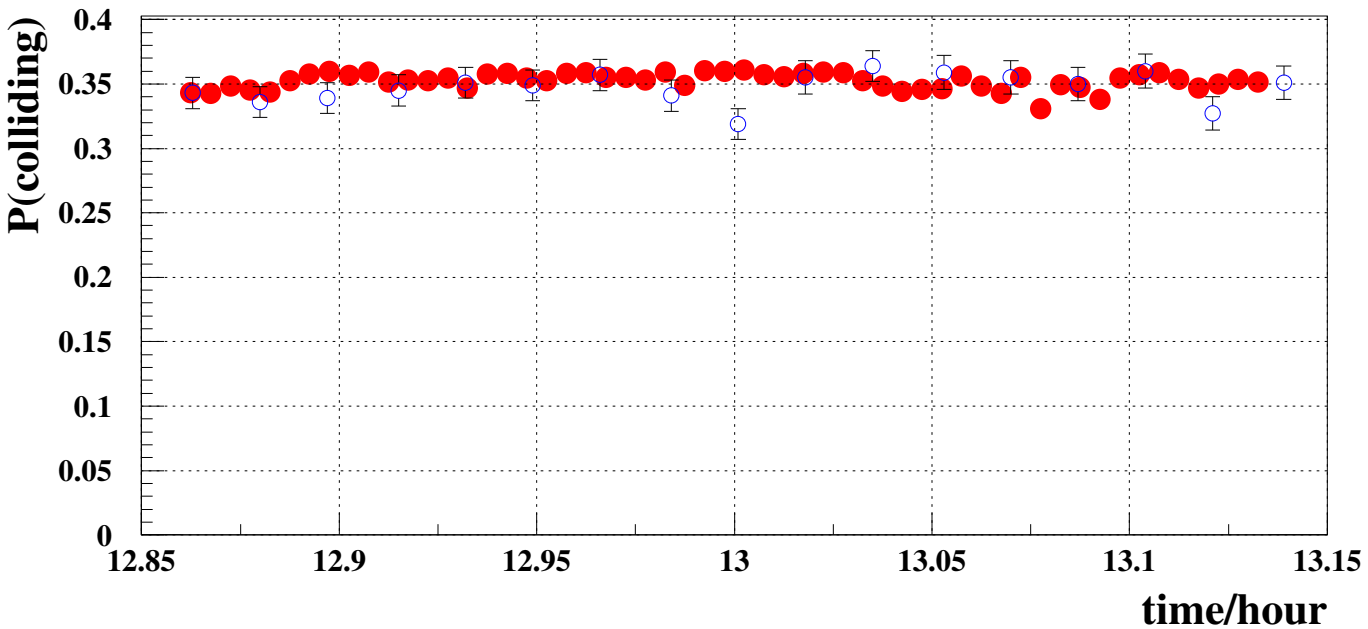

18 mars 2007 red=LPOLCAV Black=TPOL
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
12
14
16
18
20
22
24
26
Time / hours

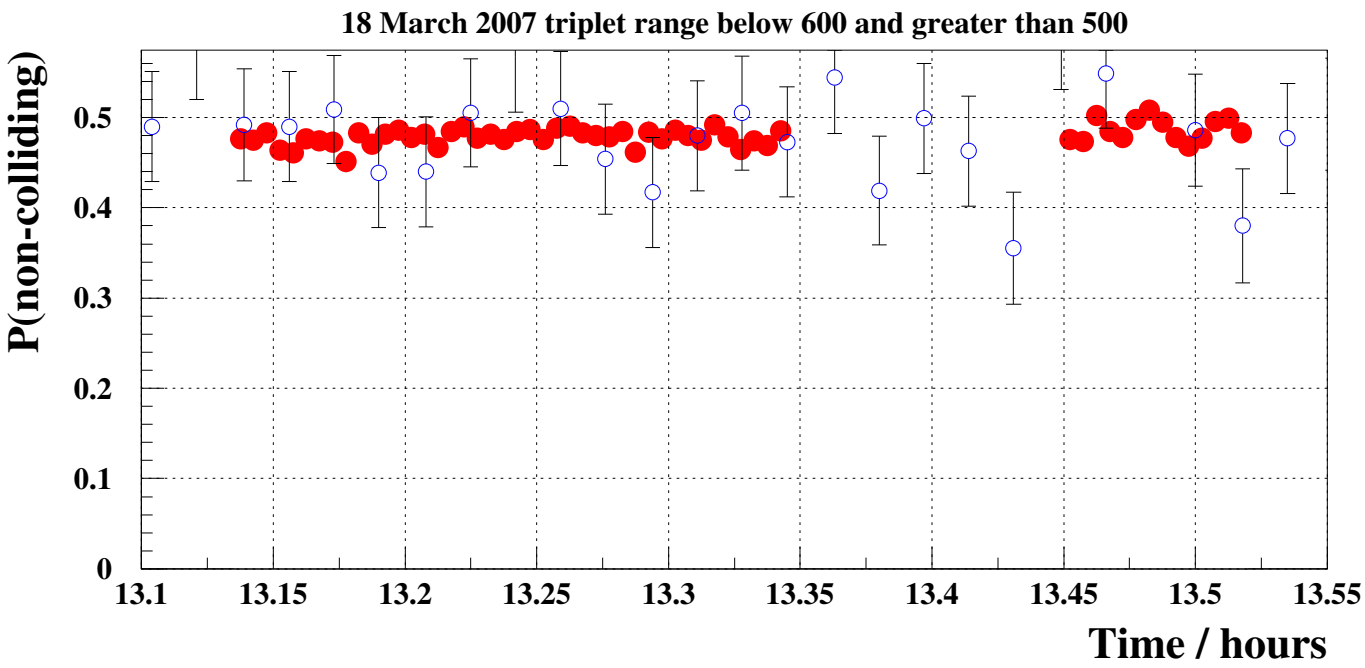

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
12
14
16
18
20
22
24
26
Time / hours

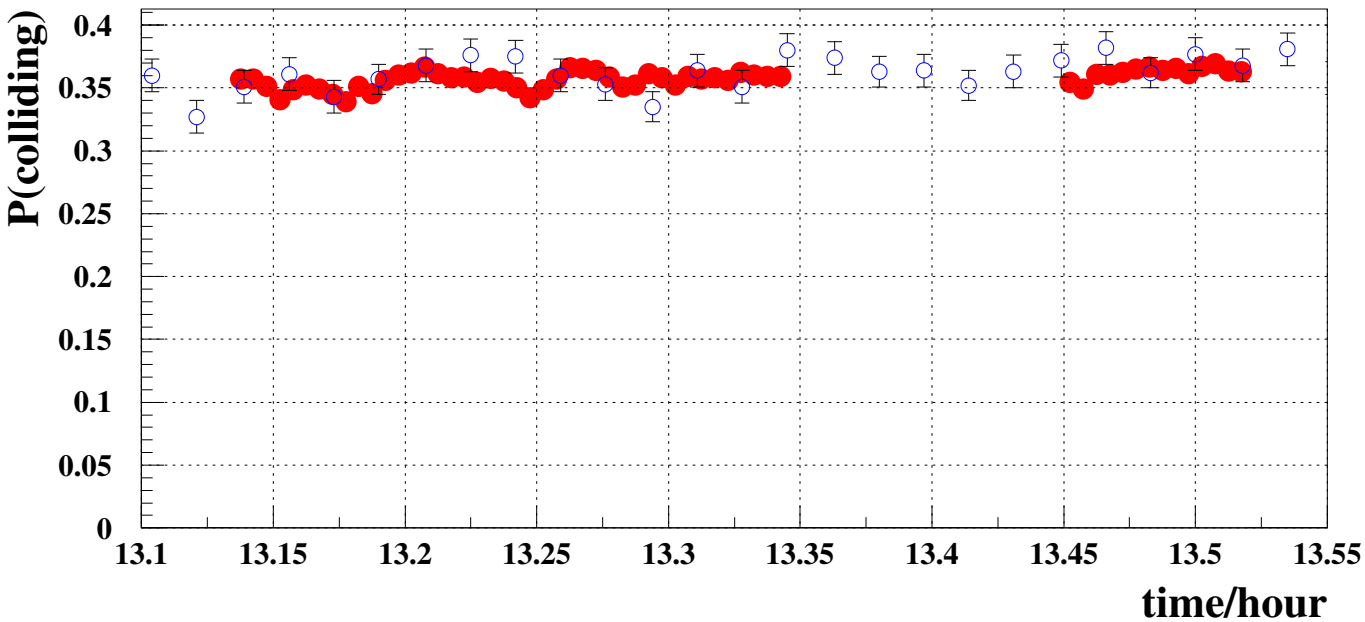

18 March 2007 triplet range below 400 and greater than 300
P(non-colliding)
0.5
0.4
0.3
0.2
0.1
0
12.55
12.6
12.65
12.7
12.75
12.8
12.85
12.9
Time / hours

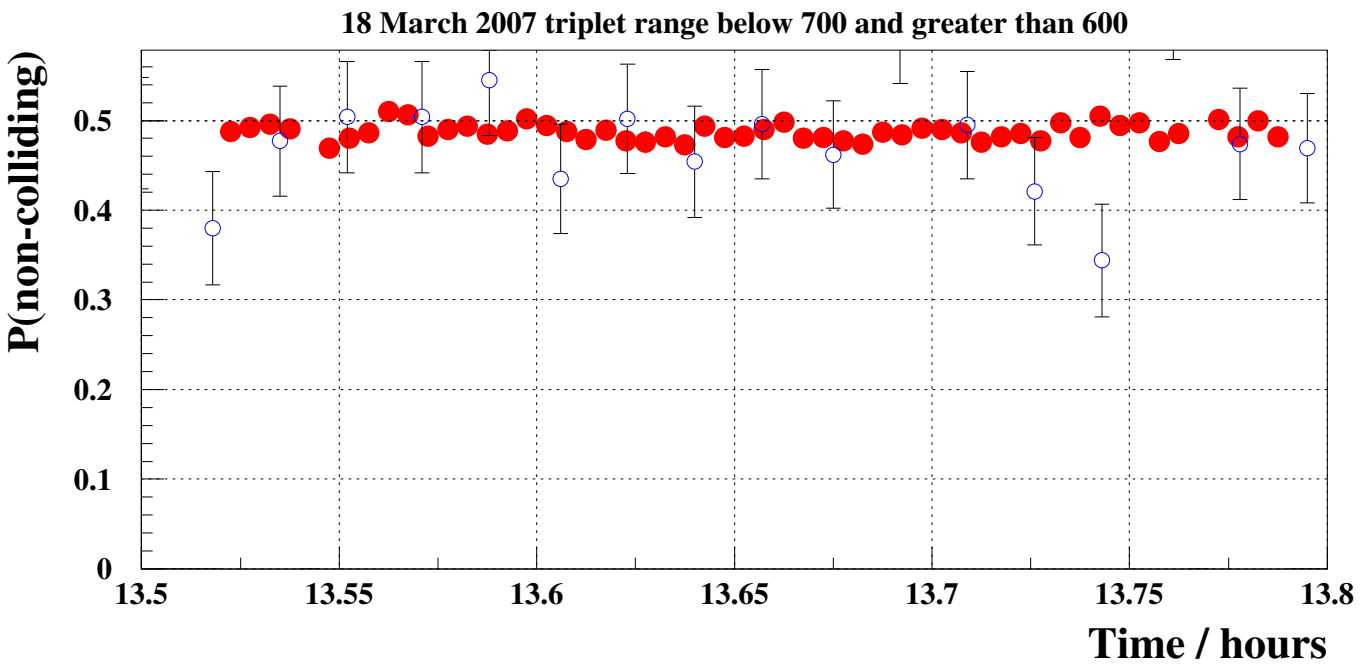

P(colliding)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
12.55
12.6
12.65
12.7
12.75
12.8
12.85
12.9
time/hour

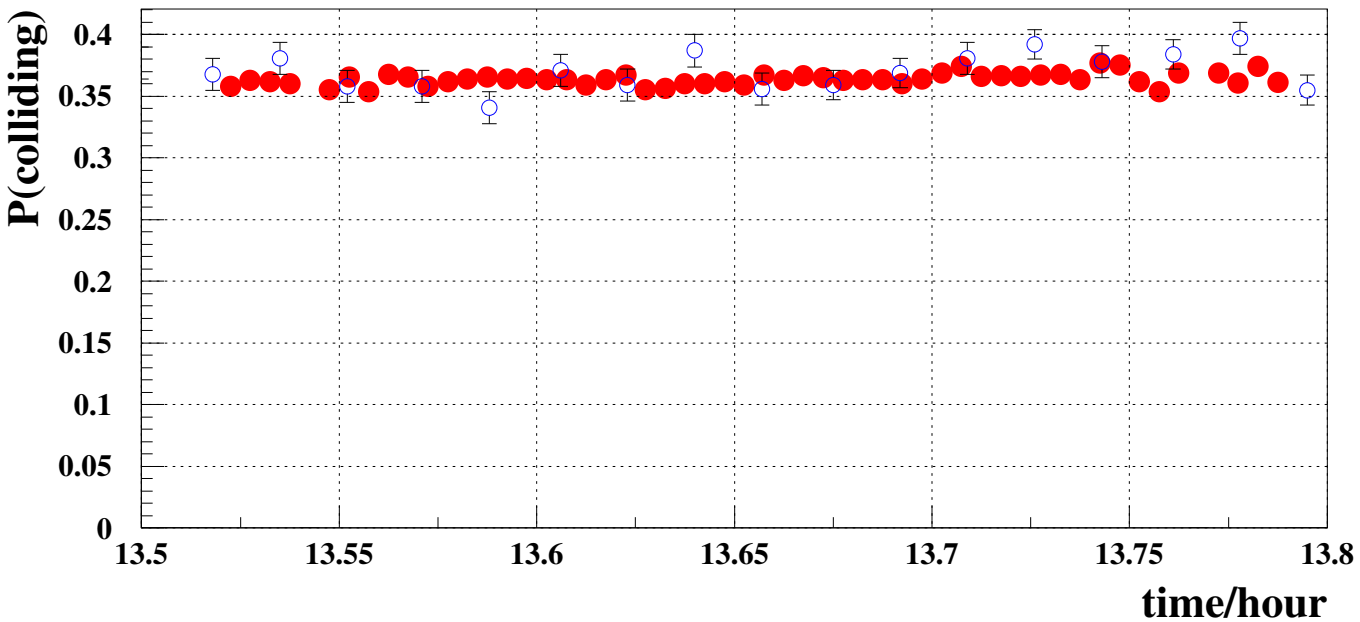

18 March 2007 triplet range below 500 and greater than 400
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
12.85
12.9
12.95
13
13.05
13.1
13.15
Time / hours

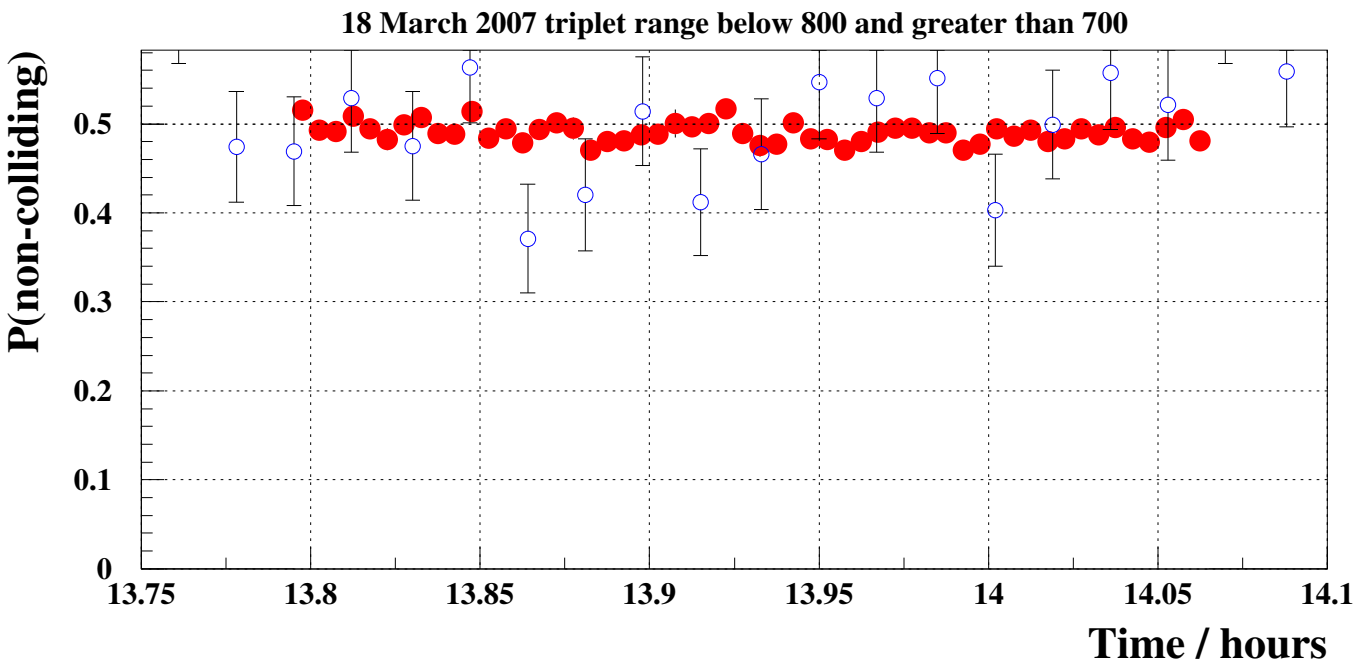

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
12.85
12.9
12.95
13
13.05
13.1
13.15
time/hour

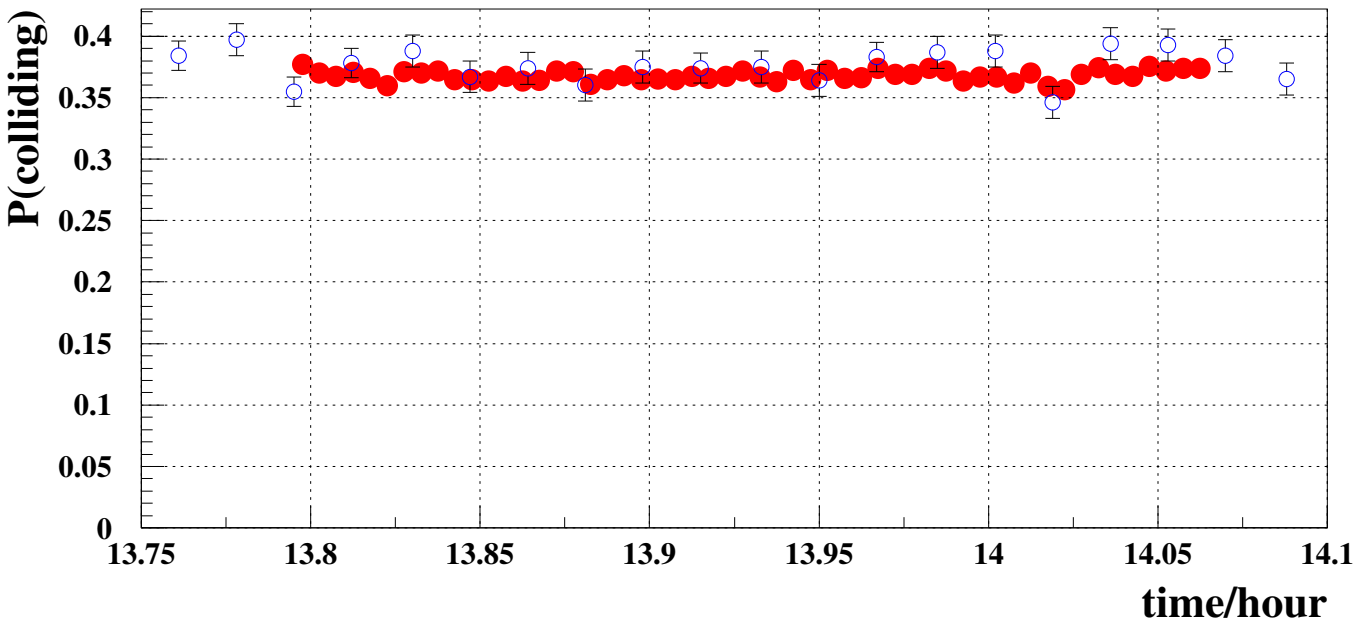

18 March 2007 triplet range below 600 and greater than 500
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
13.1
13.15
13.2
13.25
13.3
13.35
13.4
13.45
13.5
13.55
Time / hours

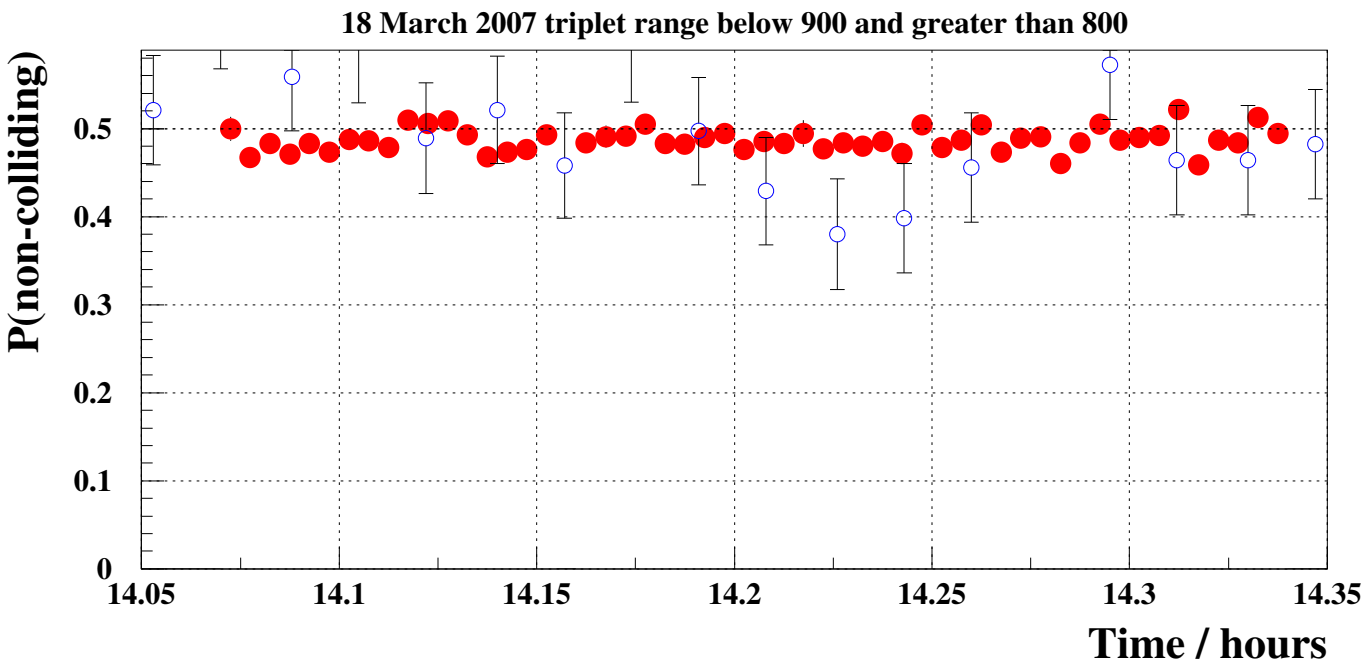

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
13.1
13.15
13.2
13.25
13.3
13.35
13.4
13.45
13.5
13.55
time/hour

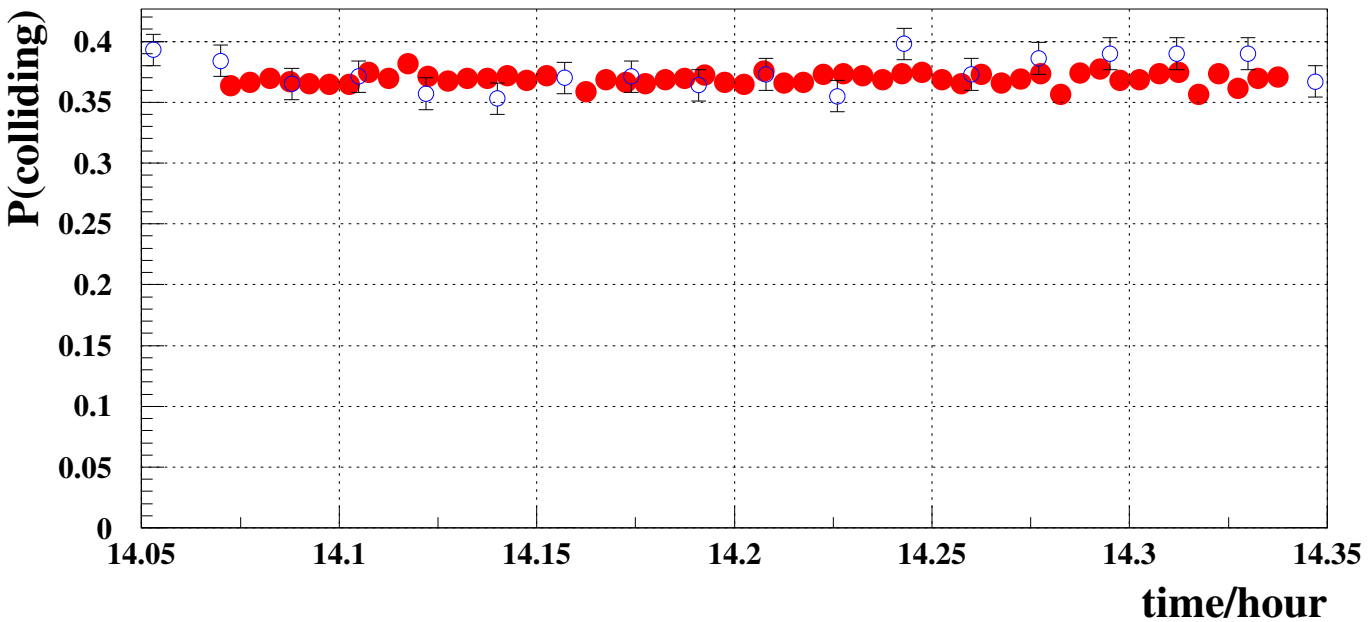

18 March 2007 triplet range below 700 and greater than 600
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
13.5
13.55
13.6
13.65
13.7
13.75
13.8
Time / hours

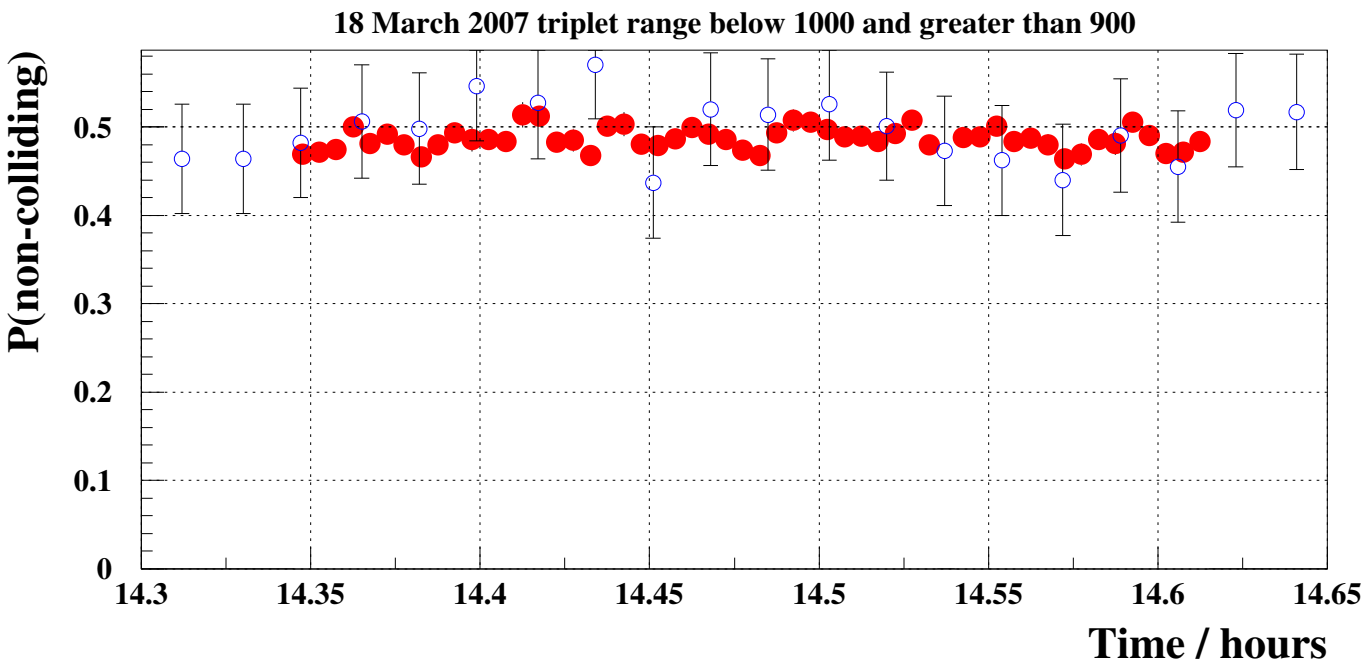

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
13.5
13.55
13.6
13.65
13.7
13.75
13.8
time/hour

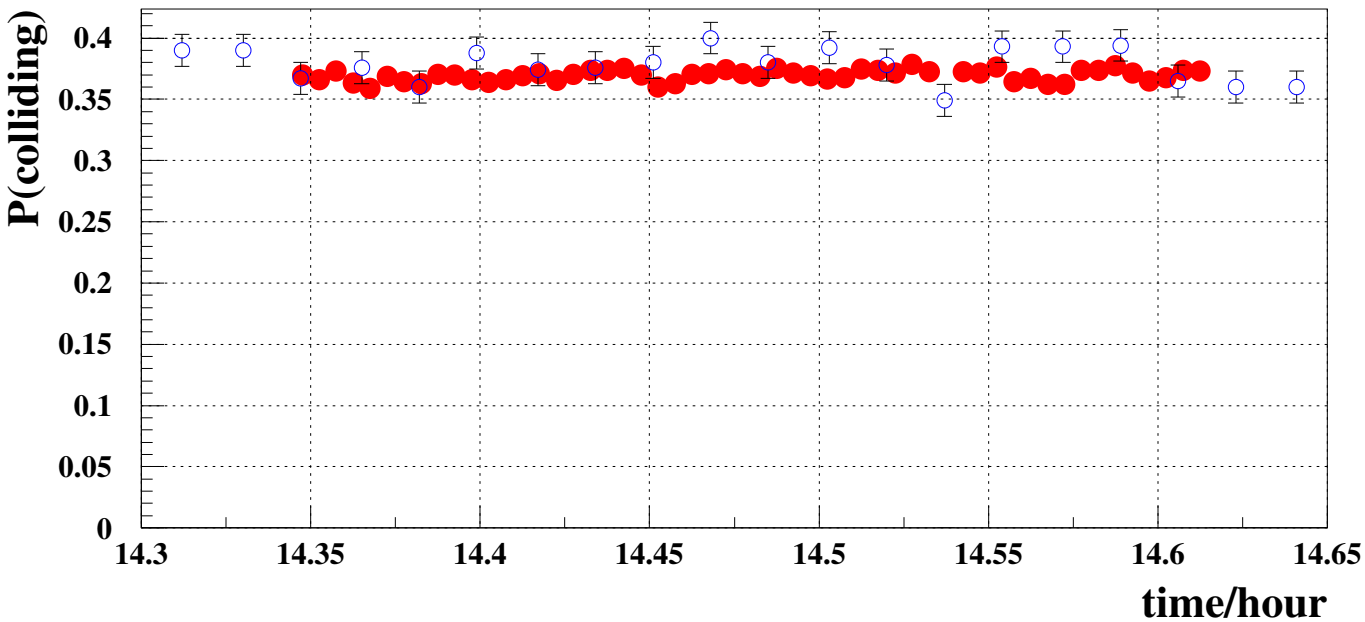

18 March 2007 triplet range below 800 and greater than 700
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
13.75
13.8
13.85
13.9
13.95
14
14.05
14.1
Time / hours

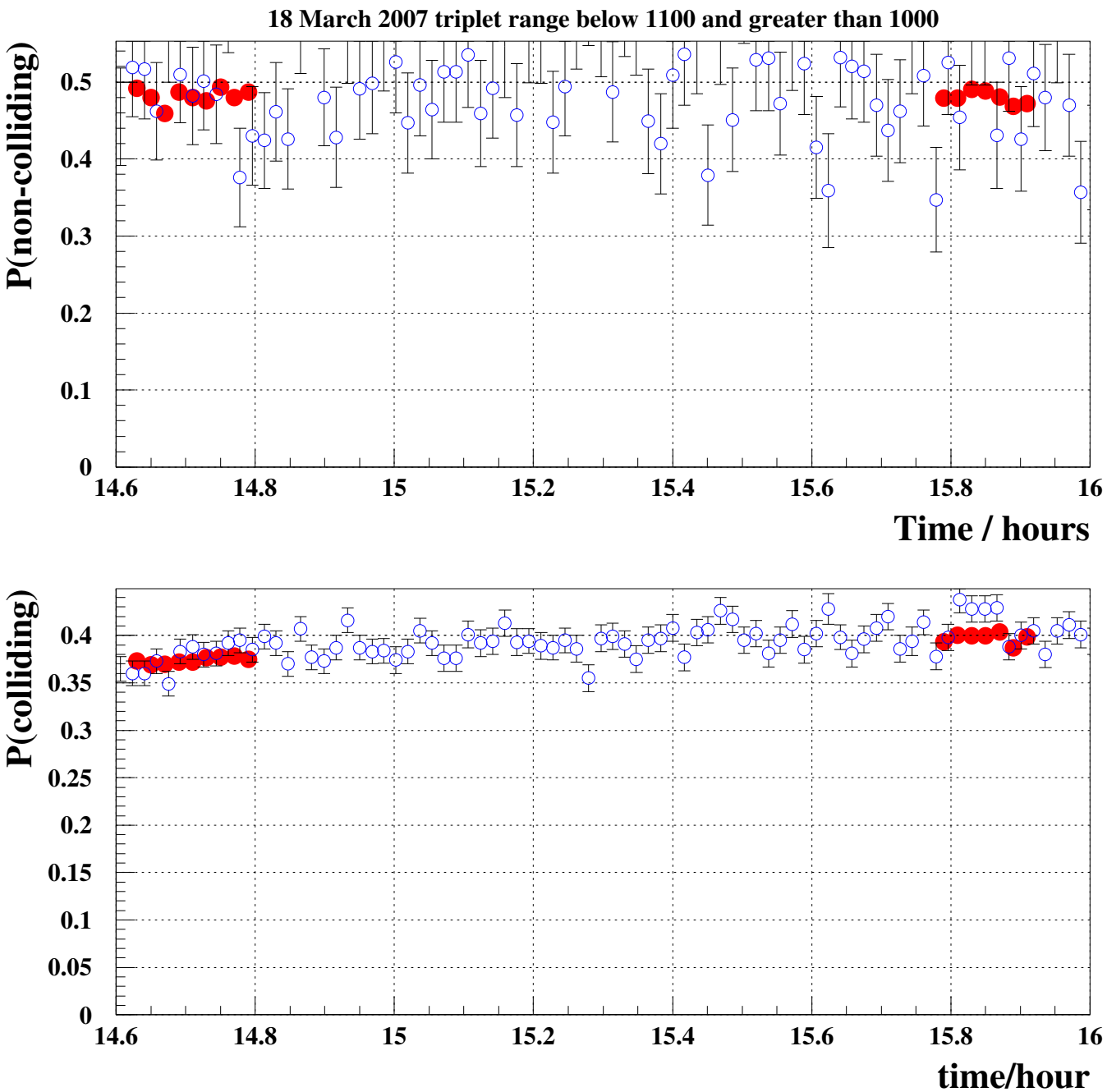

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
13.75
13.8
13.85
13.9
13.95
14
14.05
14.1
time/hour

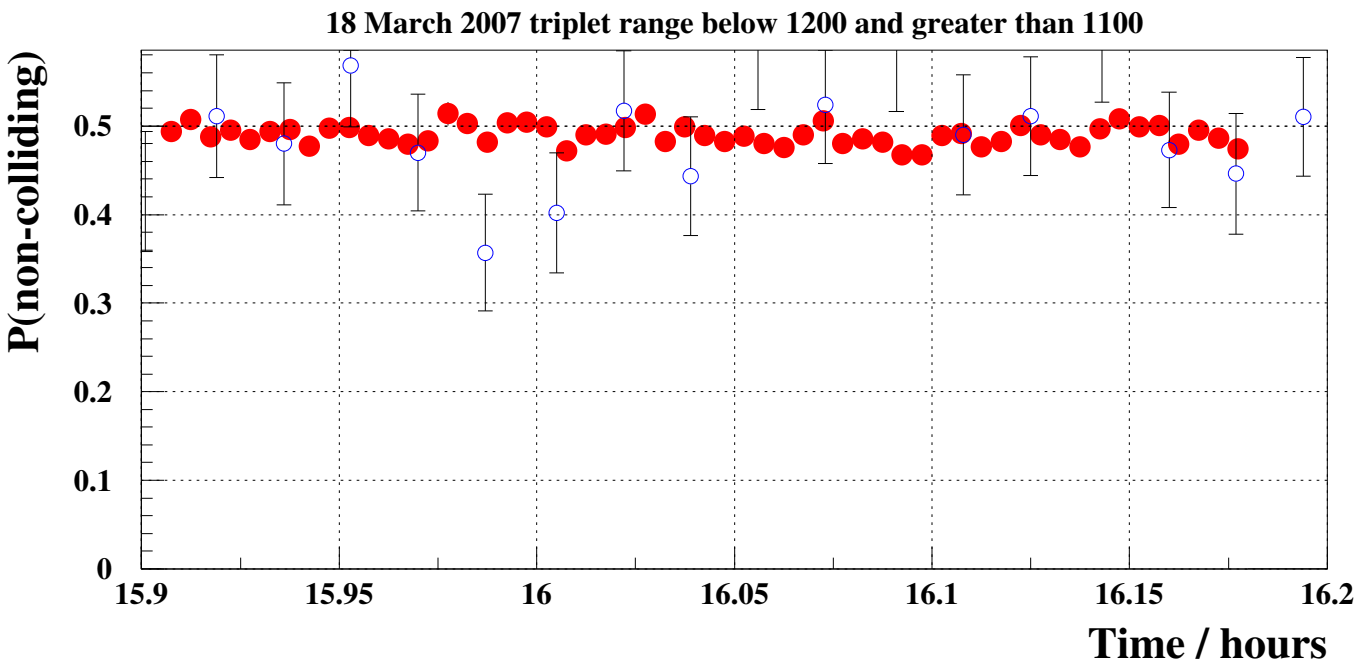

18 March 2007 triplet range below 900 and greater than 800
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
14.05
14.1
14.15
14.2
14.25
14.3
14.35
Time / hours

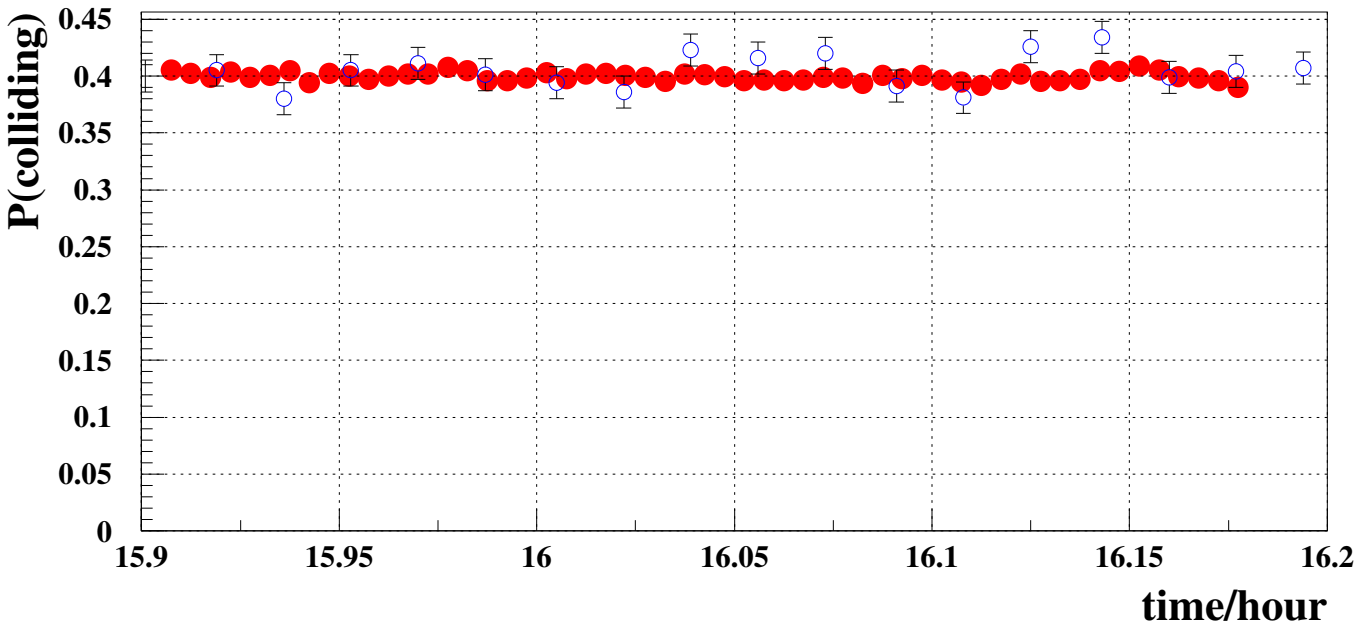

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
14.05
14.1
14.15
14.2
14.25
14.3
14.35
time/hour

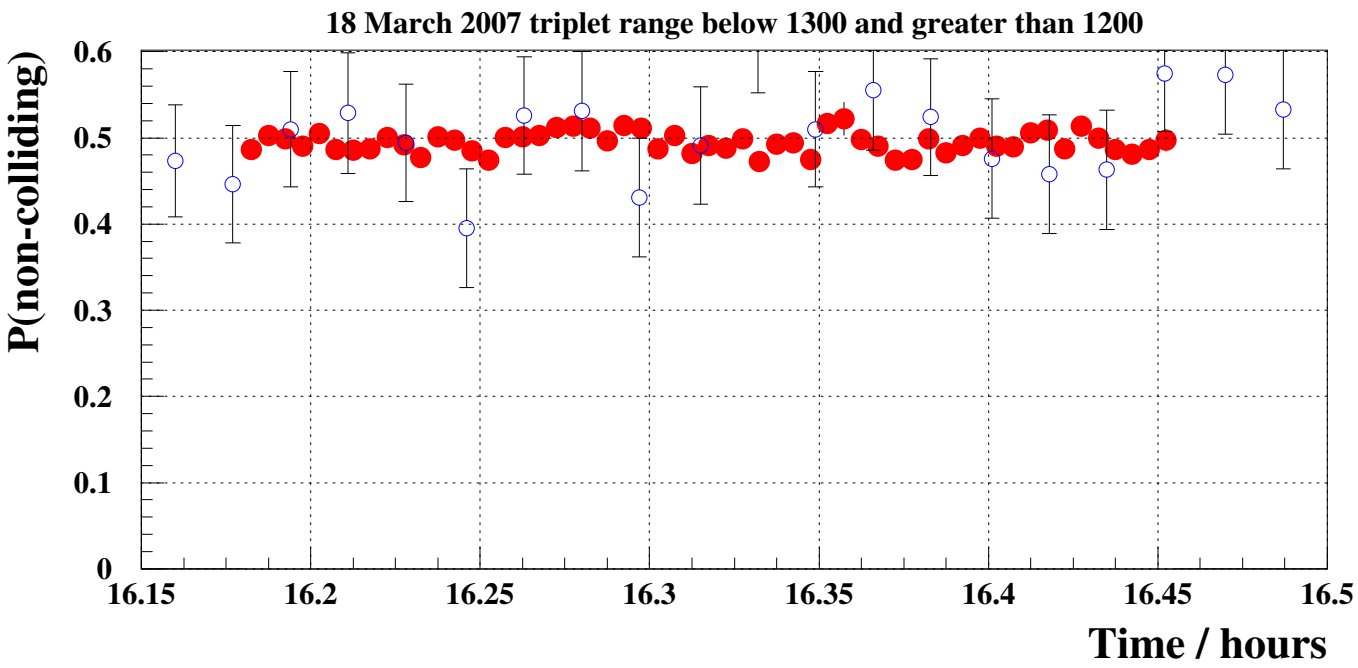

18 March 2007 triplet range below 1000 and greater than 900
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
14.3
14.35
14.4
14.45
14.5
14.55
14.6
14.65
Time / hours

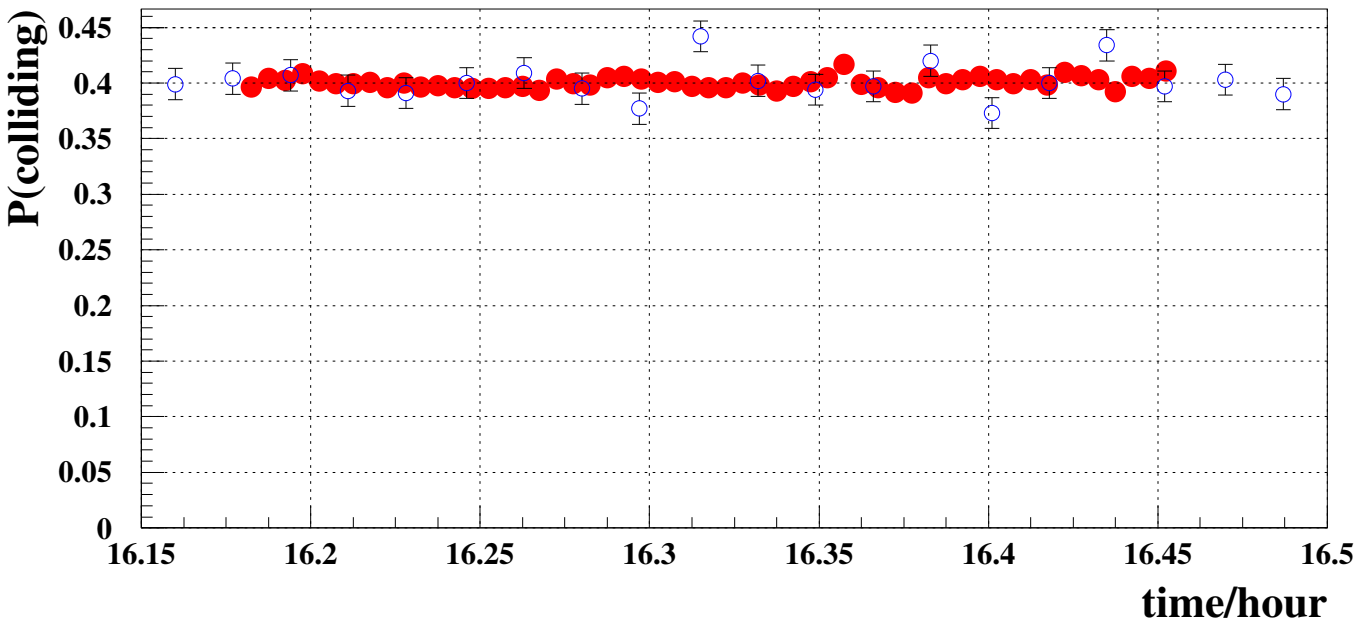

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
14.3
14.35
14.4
14.45
14.5
14.55
14.6
14.65
time/hour

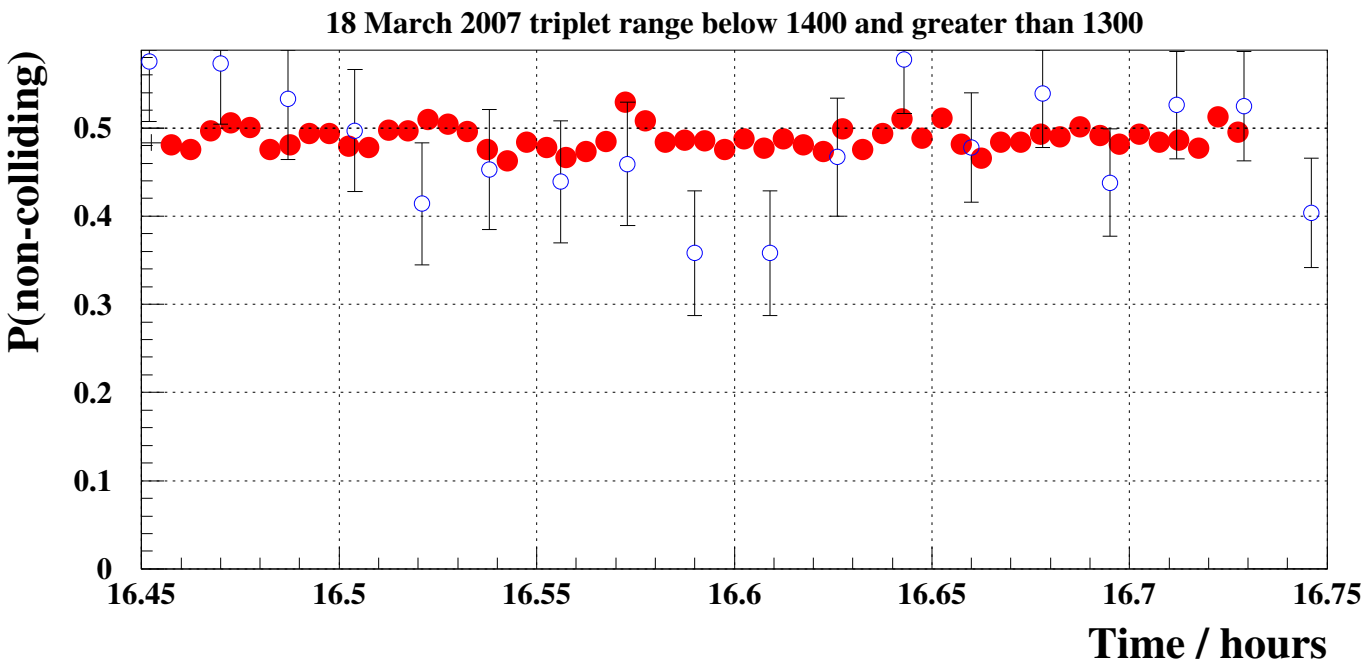

18 March 2007 triplet range below 1100 and greater than 1000
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
14.6
14.8
15
15.2
15.4
15.6
15.8
16
Time / hours
P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
14.6
14.8
15
15.2
15.4
15.6
15.8
16
time/hour

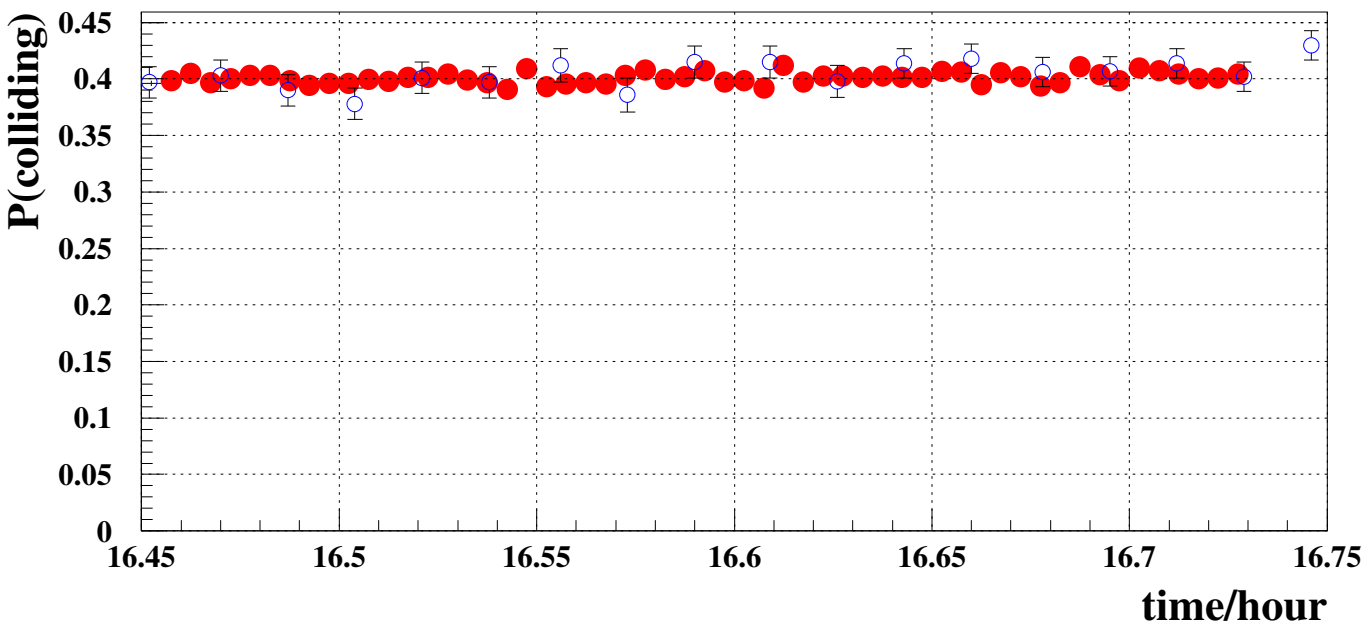

18 March 2007 triplet range below 1200 and greater than 1100
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
15.9
15.95
16
16.05
16.1
16.15
16.2
Time / hours

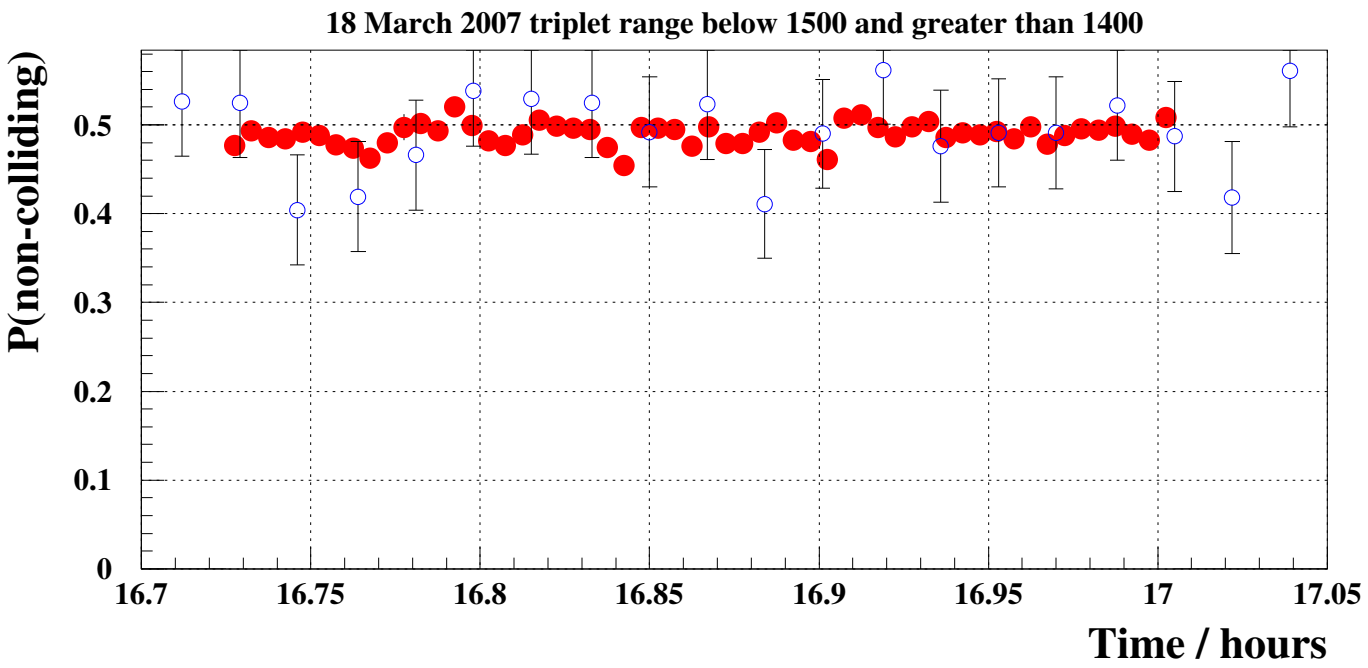

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
15.9
15.95
16
16.05
16.1
16.15
16.2
time/hour

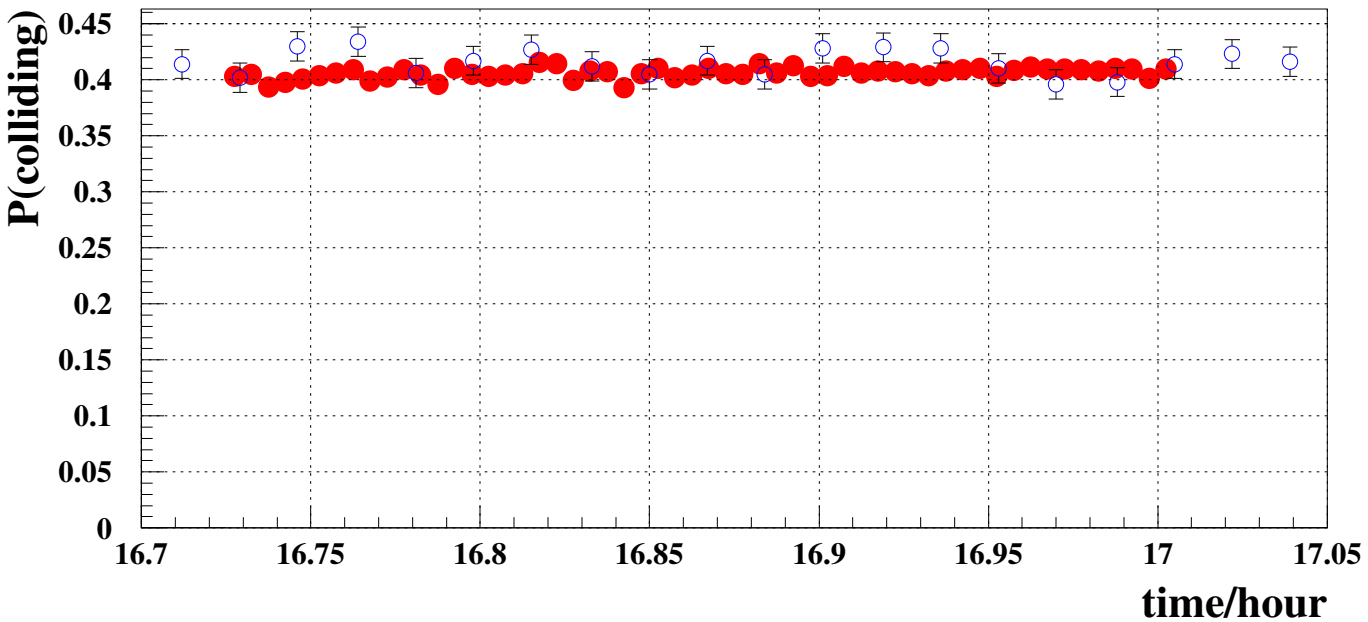

18 March 2007 triplet range below 1300 and greater than 1200
P(non-colliding)
0.6
0.5
0.4
0.3
0.2
0.1
0
16.15
16.2
16.25
16.3
16.35
16.4
16.45
16.5
Time / hours

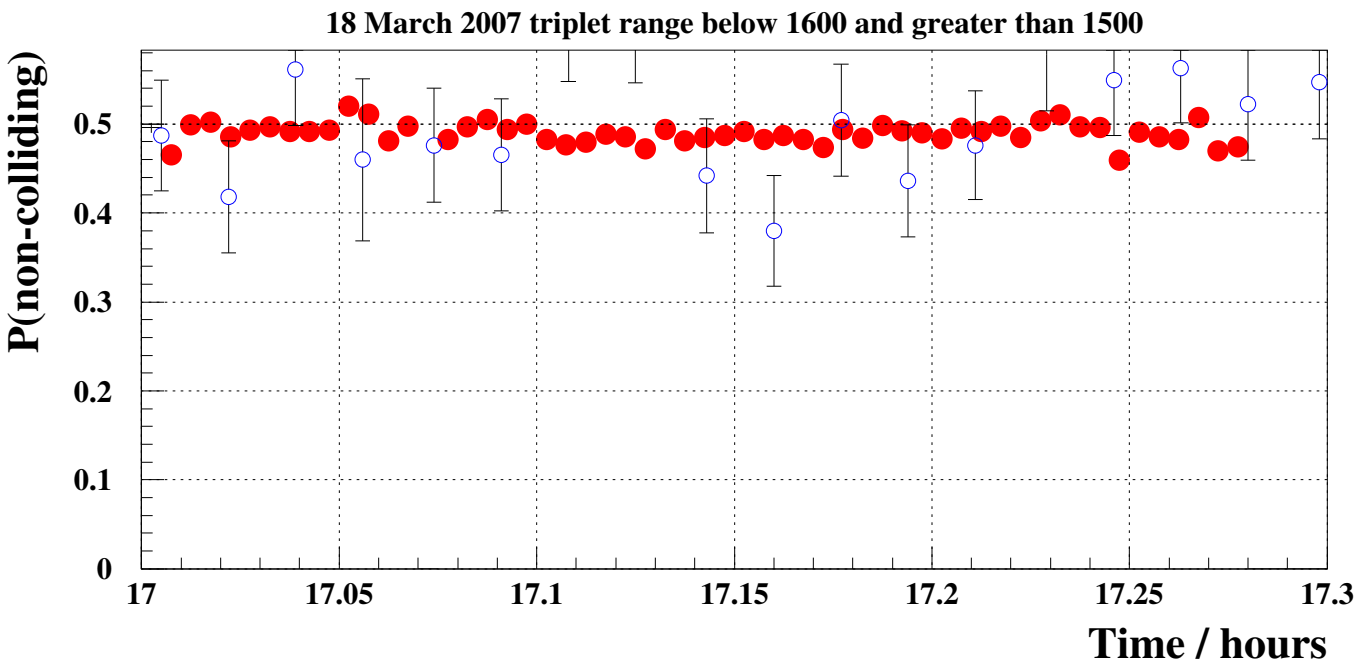

P(colliding)
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
16.15
16.2
16.25
16.3
16.35
16.4
16.45
16.5
time/hour

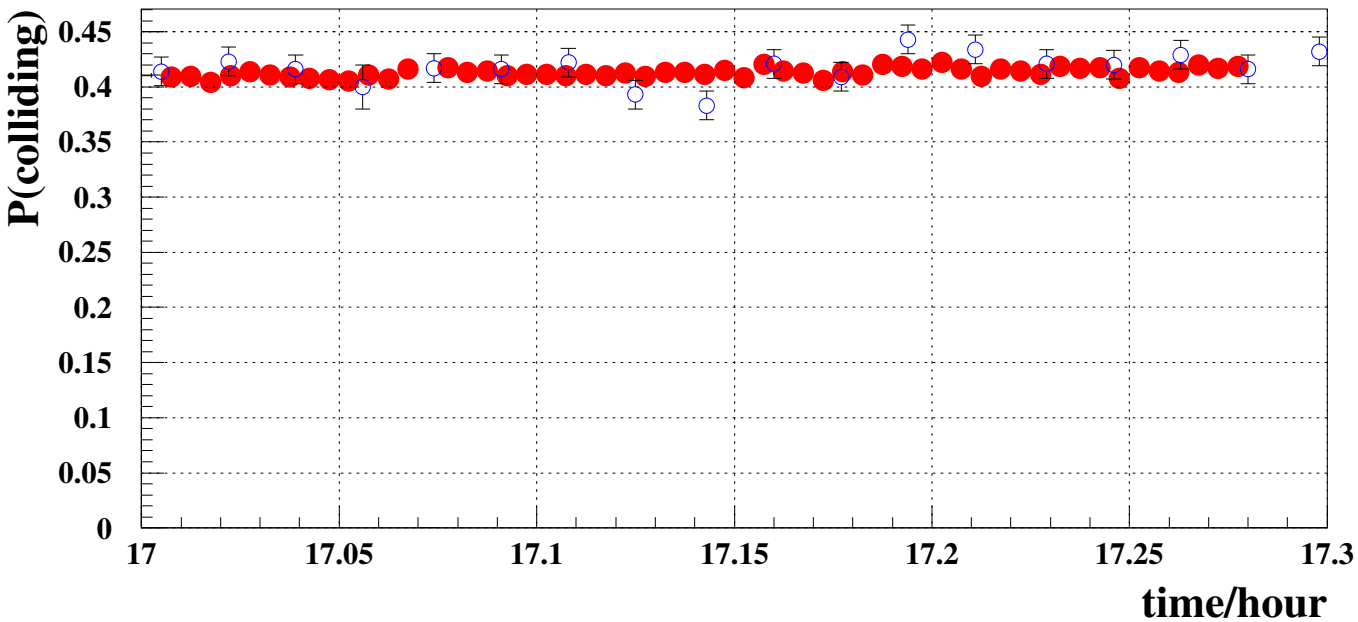

18 March 2007 triplet range below 1400 and greater than 1300
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
16.45
16.5
16.55
16.6
16.65
16.7
16.75
Time / hours

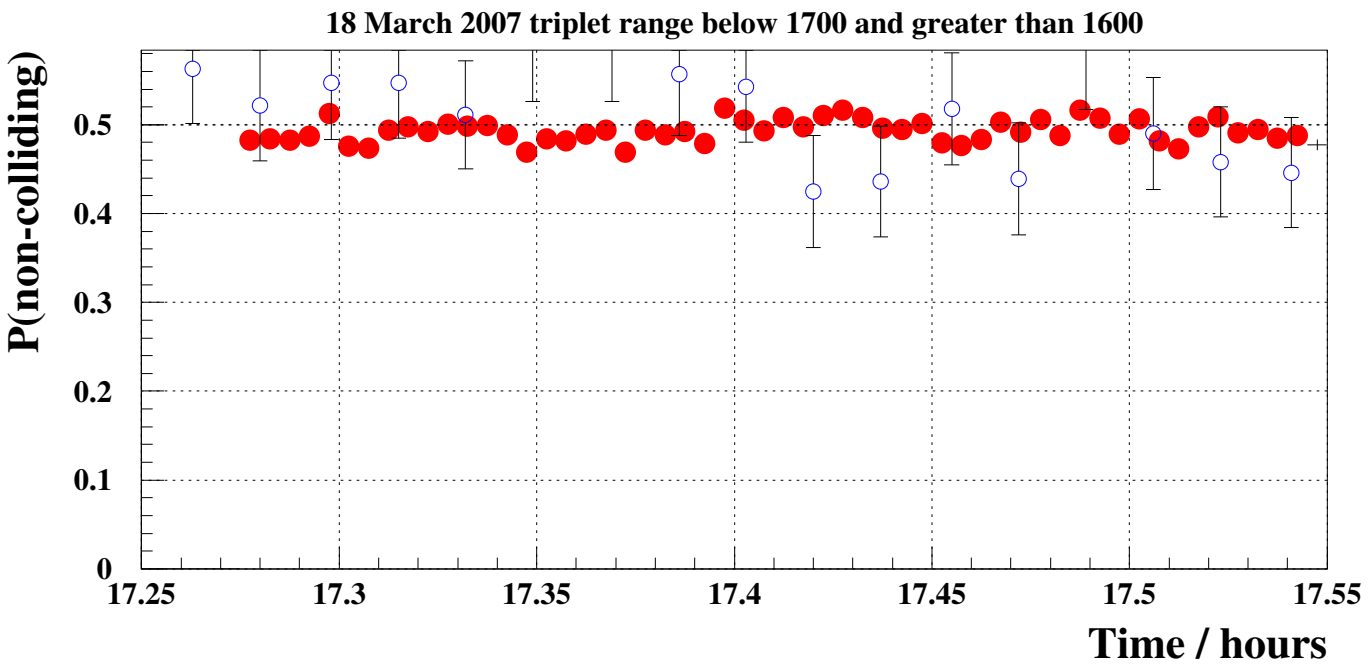

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
16.45
16.5
16.55
16.6
16.65
16.7
16.75
time/hour

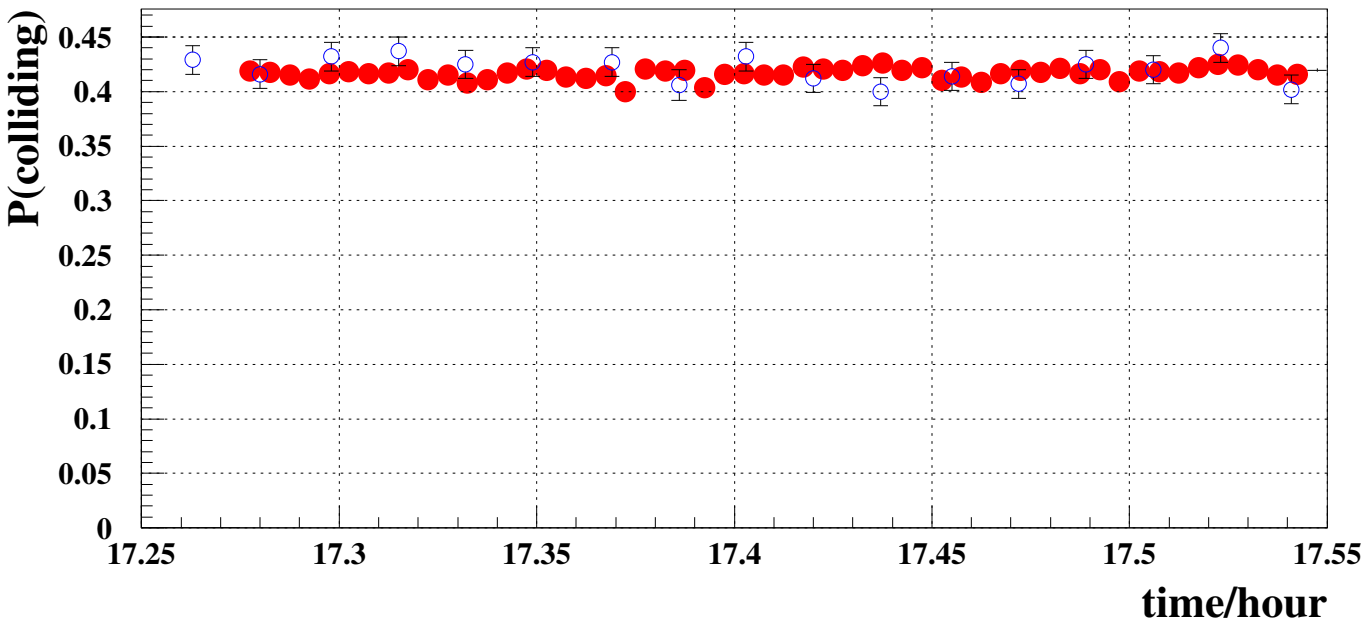

18 March 2007 triplet range below 1500 and greater than 1400
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
16.7
16.75
16.8
16.85
16.9
16.95
17
17.05
Time / hours

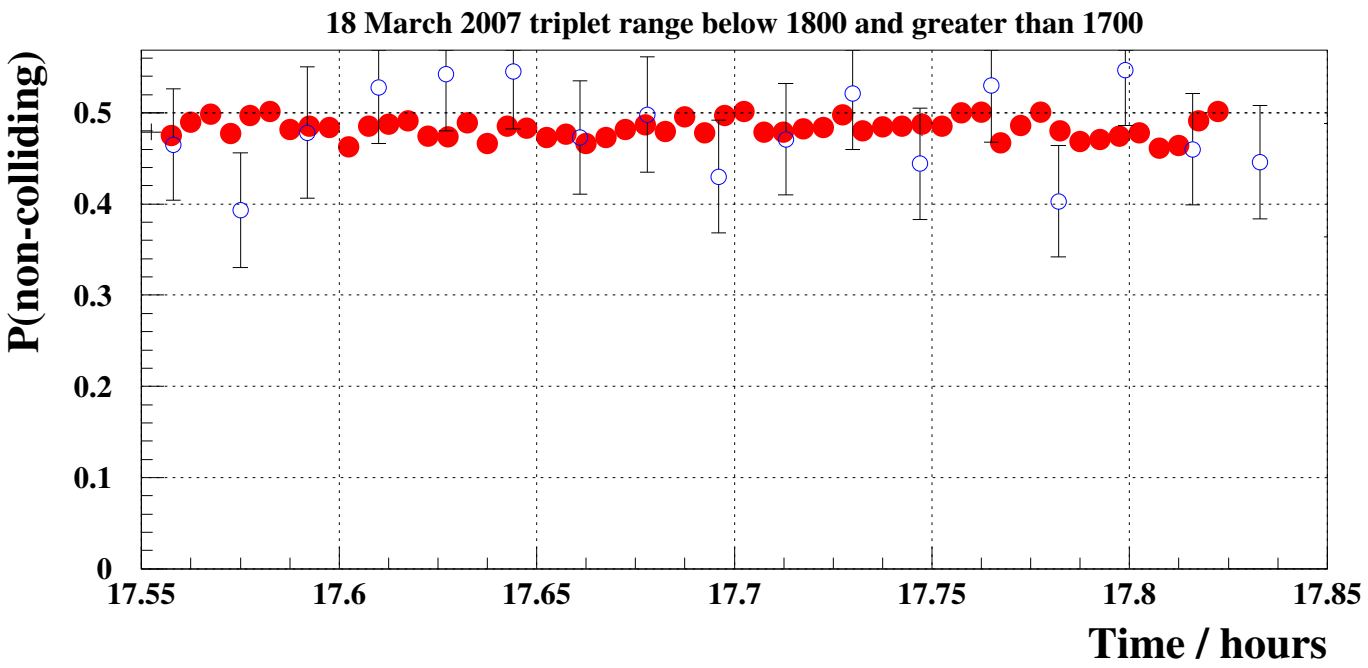

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
16.7
16.75
16.8
16.85
16.9
16.95
17
17.05
time/hour

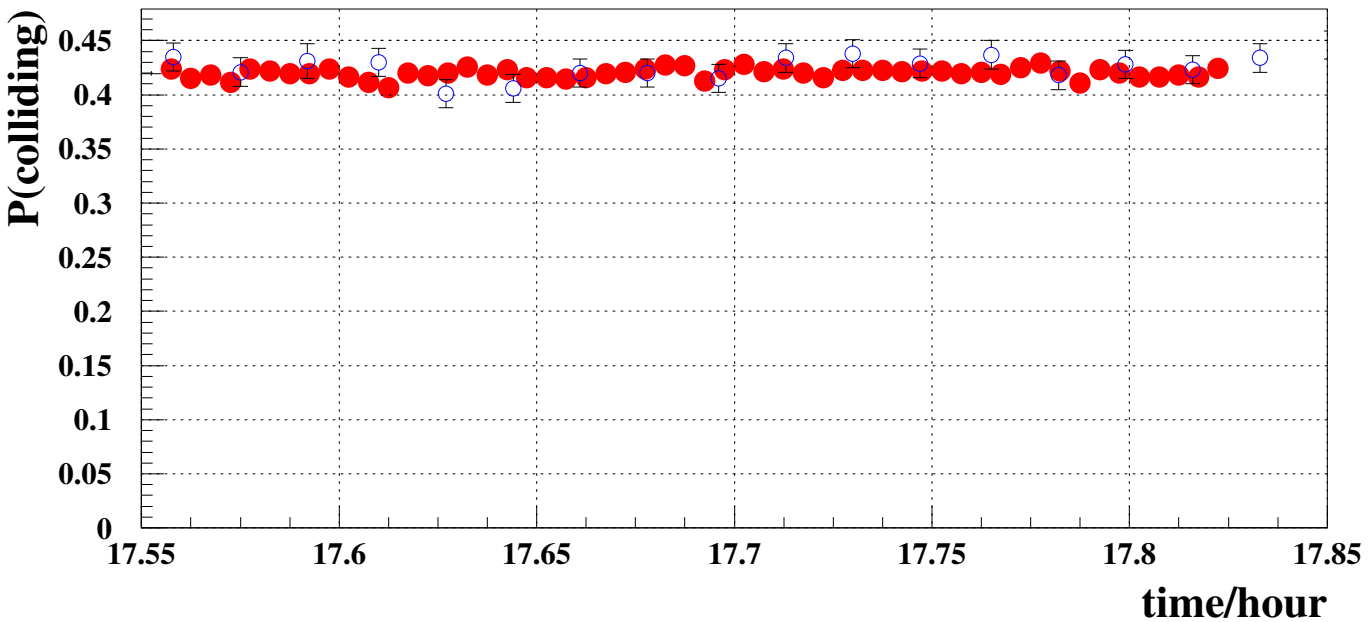

18 March 2007 triplet range below 1600 and greater than 1500
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
17
17.05
17.1
17.15
17.2
17.25
17.3
Time / hours

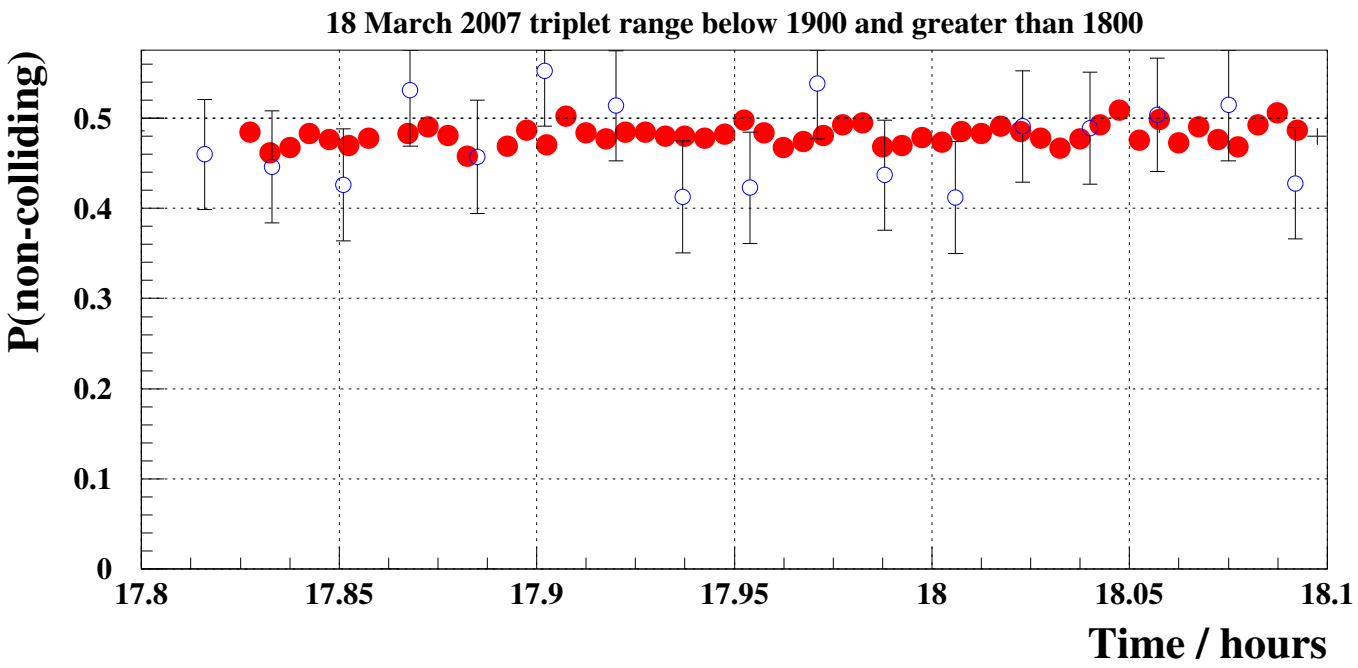

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
17
17.05
17.1
17.15
17.2
17.25
17.3
time/hour

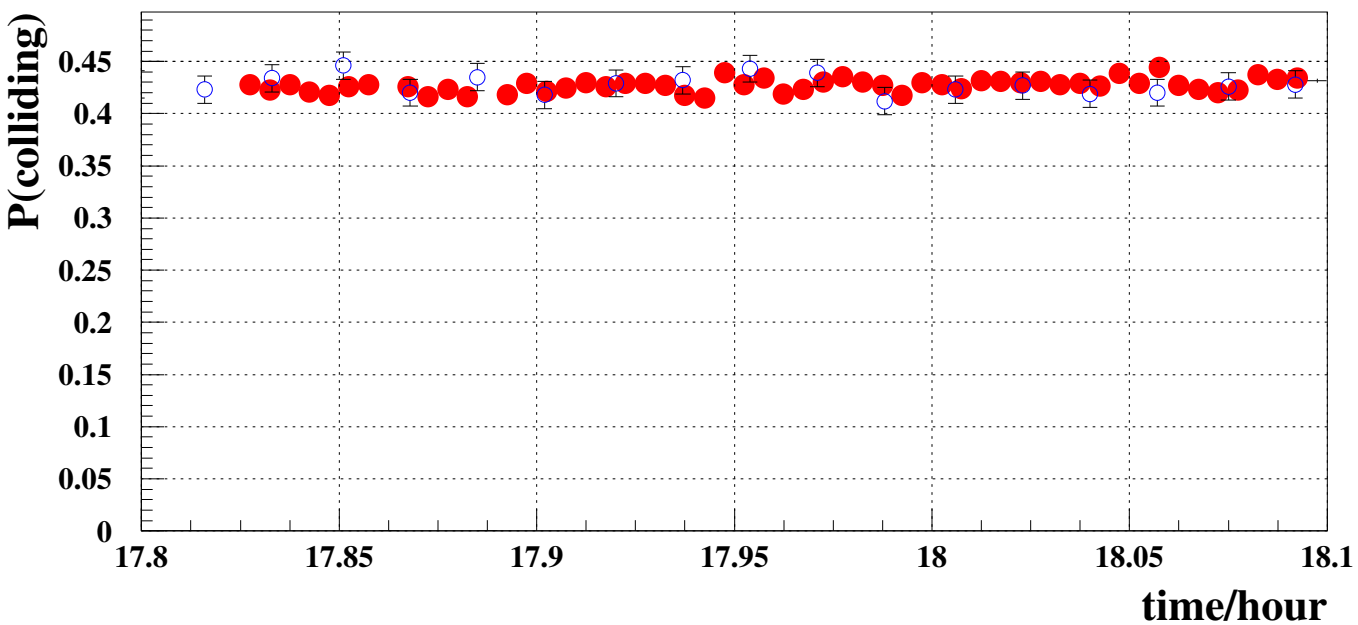

18 March 2007 triplet range below 1700 and greater than 1600
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
17.25
17.3
17.35
17.4
17.45
17.5
17.55
Time / hours

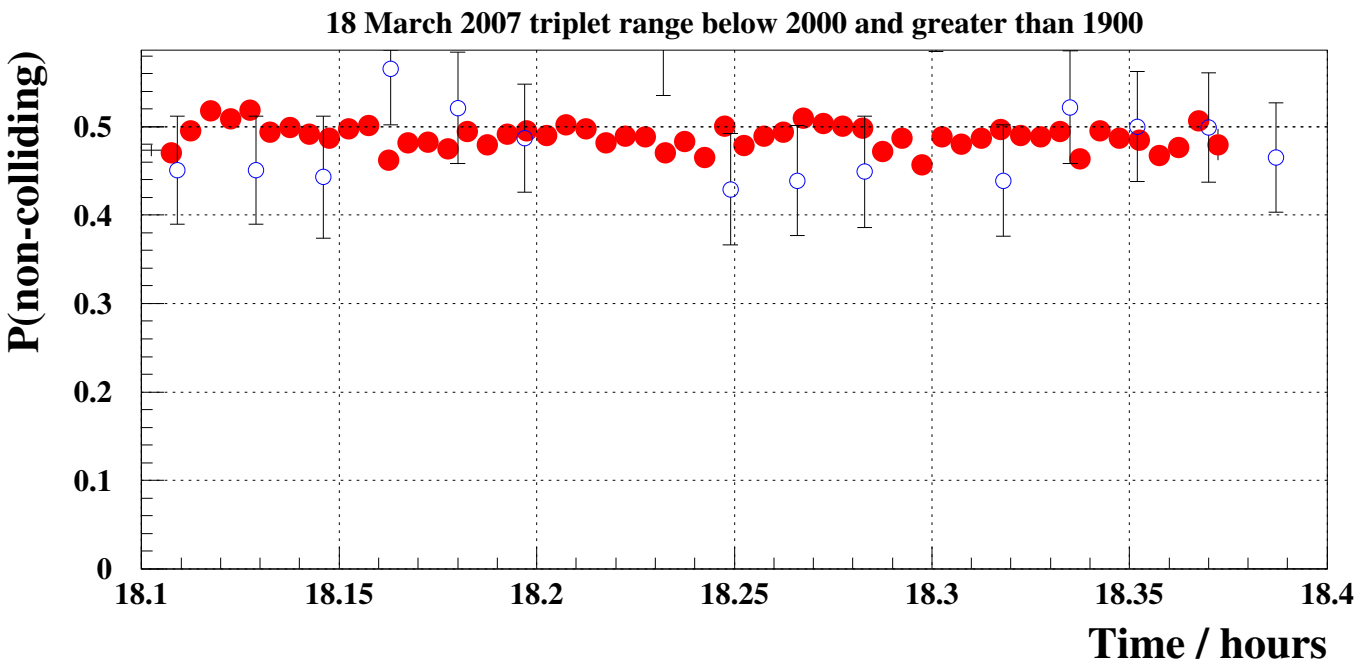

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
17.25
17.3
17.35
17.4
17.45
17.5
17.55
time/hour

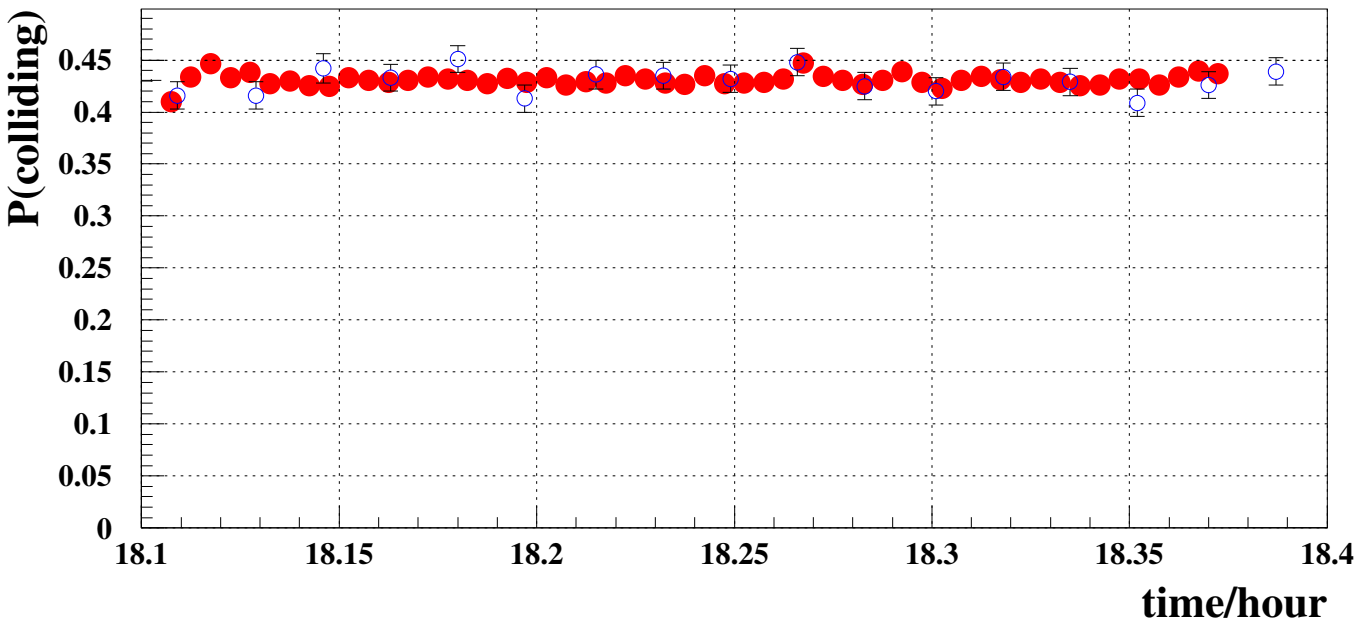

18 March 2007 triplet range below 1800 and greater than 1700
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
17.55
17.6
17.65
17.7
17.75
17.8
17.85
Time / hours

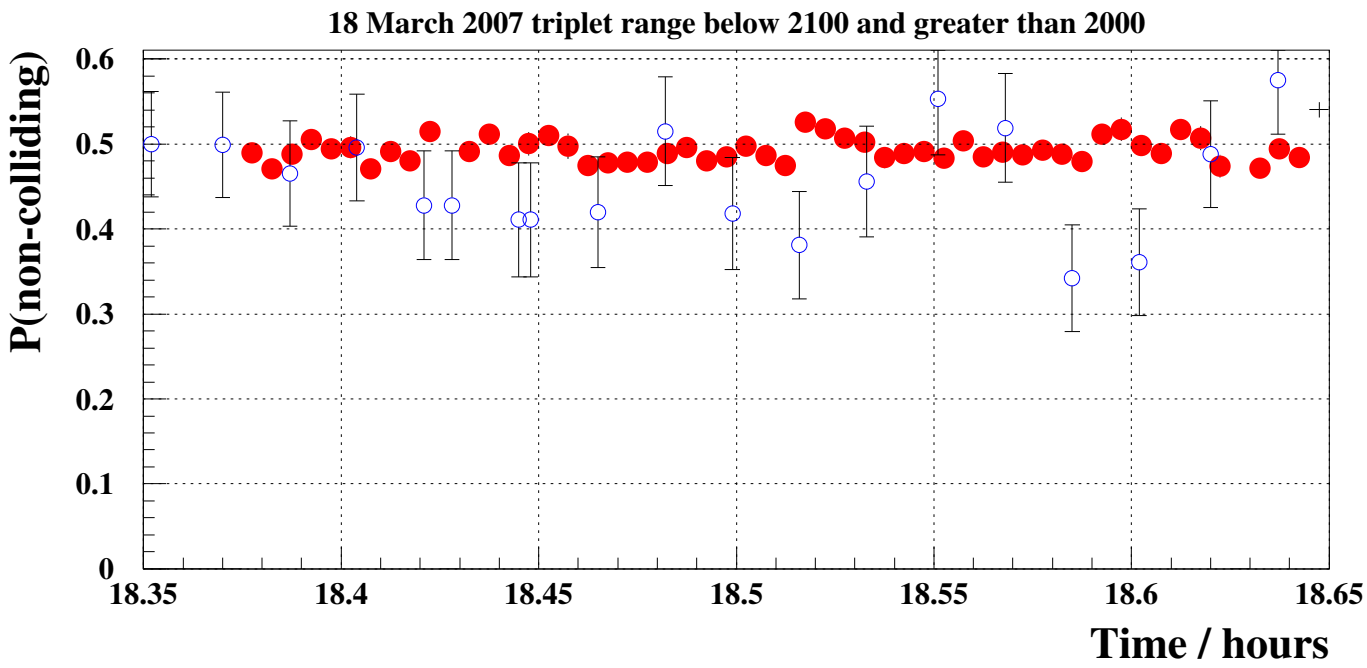

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
17.55
17.6
17.65
17.7
17.75
17.8
17.85
time/hour

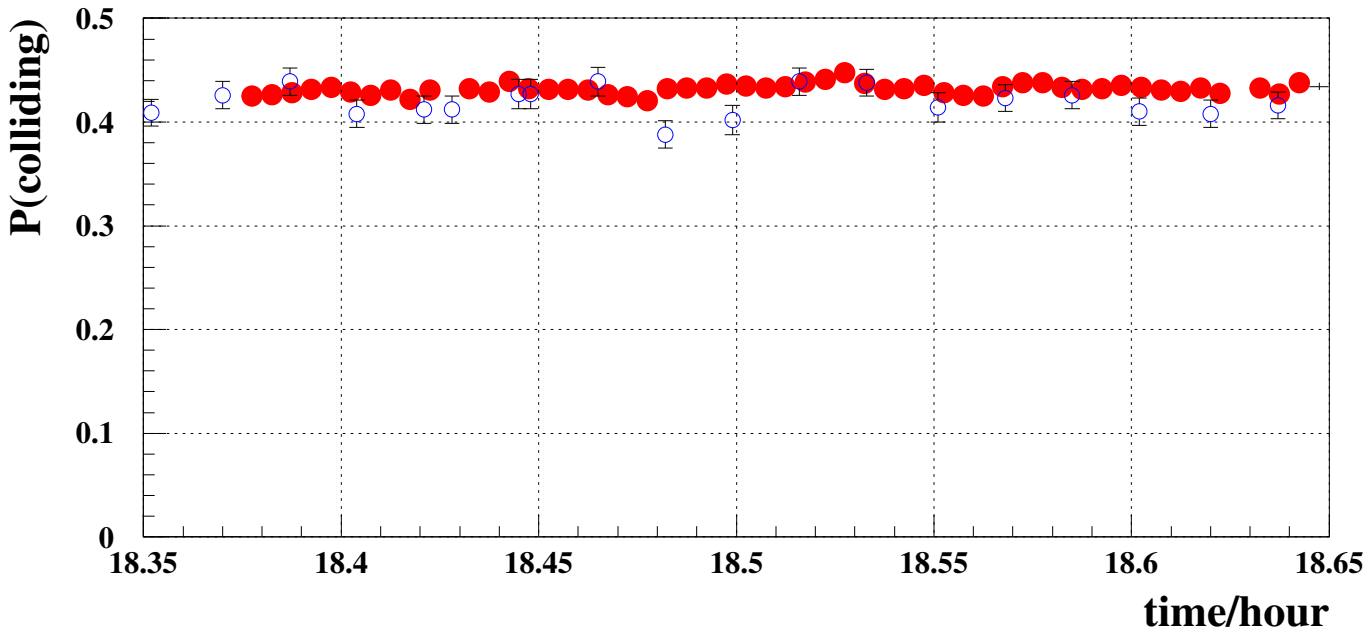

18 March 2007 triplet range below 1900 and greater than 1800
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
17.8
17.85
17.9
17.95
18
18.05
18.1
Time / hours

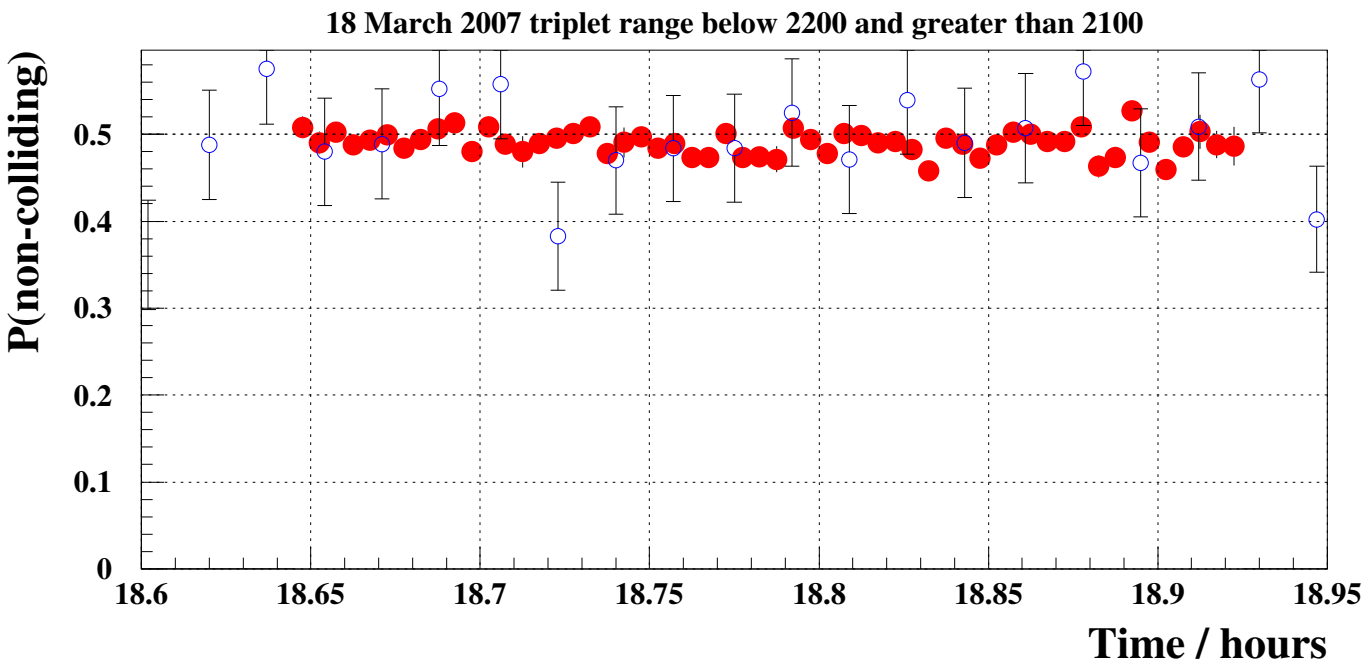

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
17.8
17.85
17.9
17.95
18
18.05
18.1
time/hour

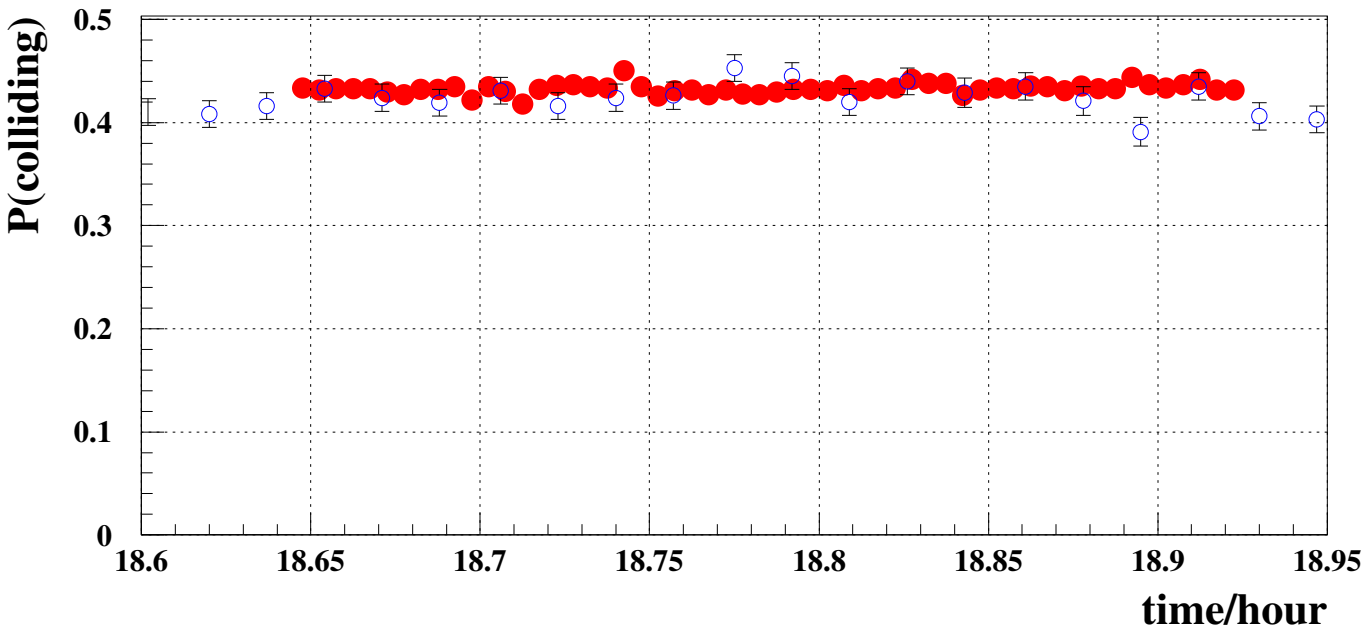

18 March 2007 triplet range below 2000 and greater than 1900
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
18.1
18.15
18.2
18.25
18.3
18.35
18.4
Time / hours

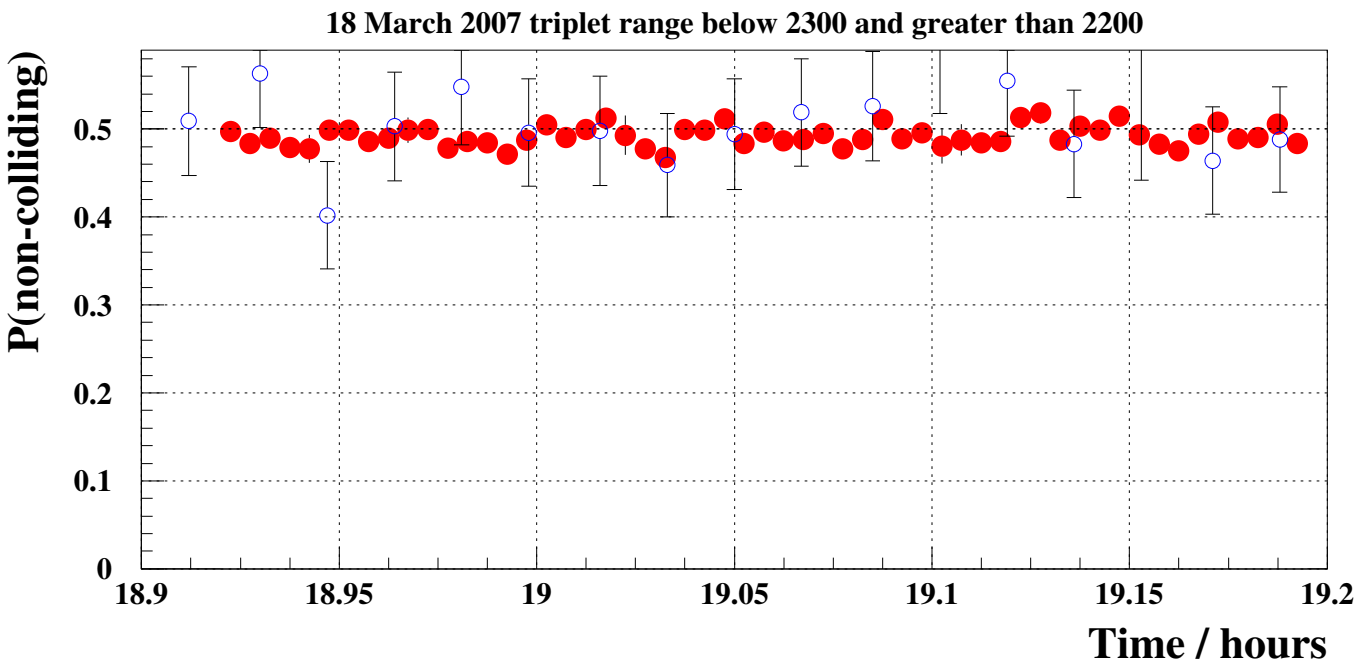

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
18.1
18.15
18.2
18.25
18.3
18.35
18.4
time/hour

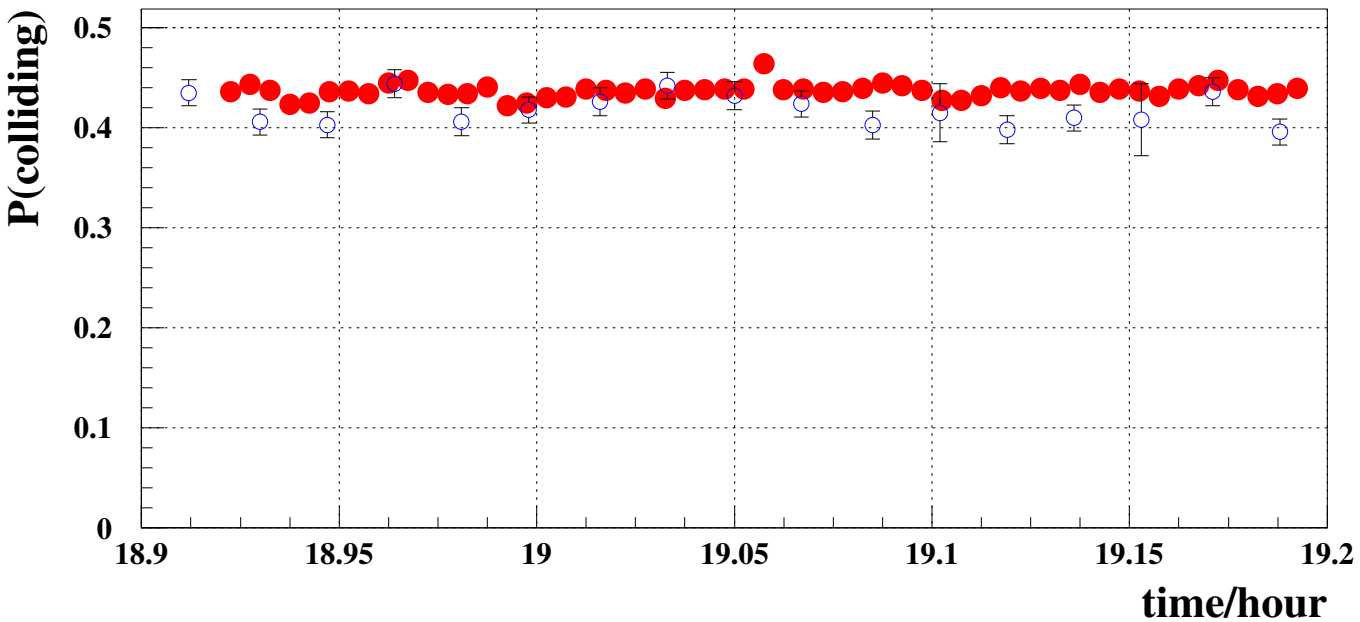

18 March 2007 triplet range below 2100 and greater than 2000
P(non-colliding)
0.6
0.5
0.4
0.3
0.2
0.1
0
18.35
18.4
18.45
18.5
18.55
18.6
18.65
Time / hours

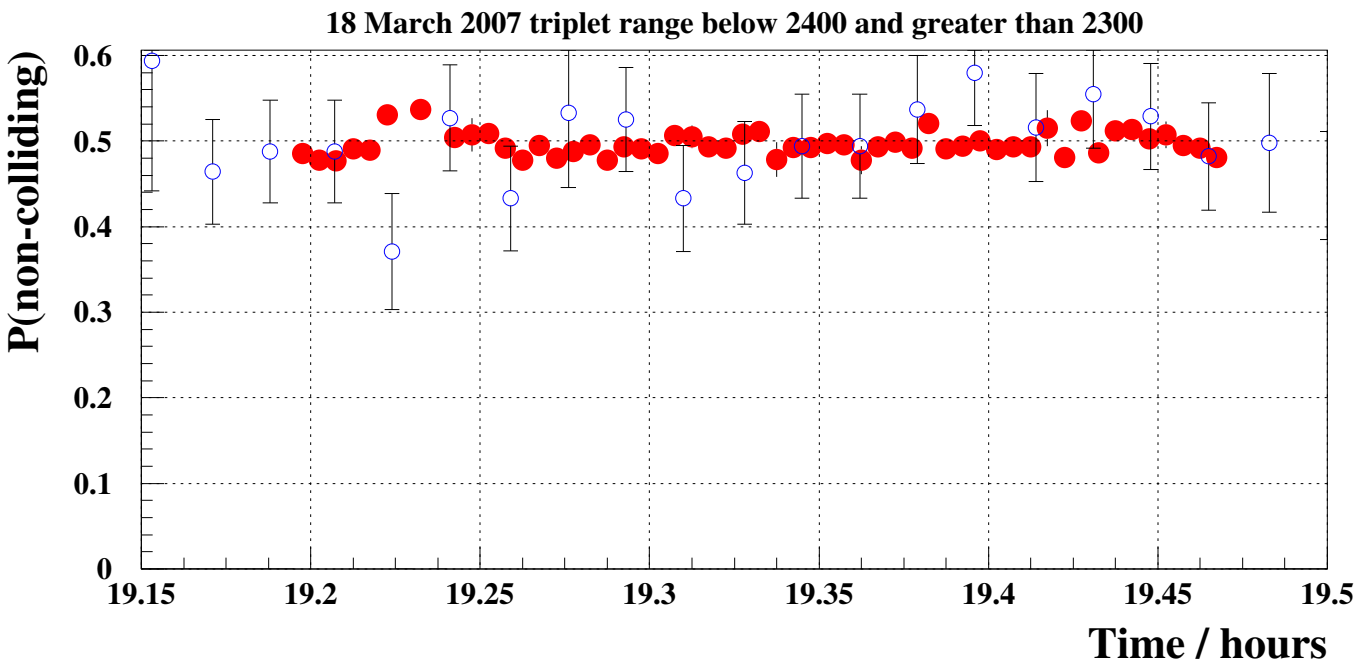

P(colliding)
0.5
0.4
0.3
0.2
0.1
0
18.35
18.4
18.45
18.5
18.55
18.6
18.65
time/hour

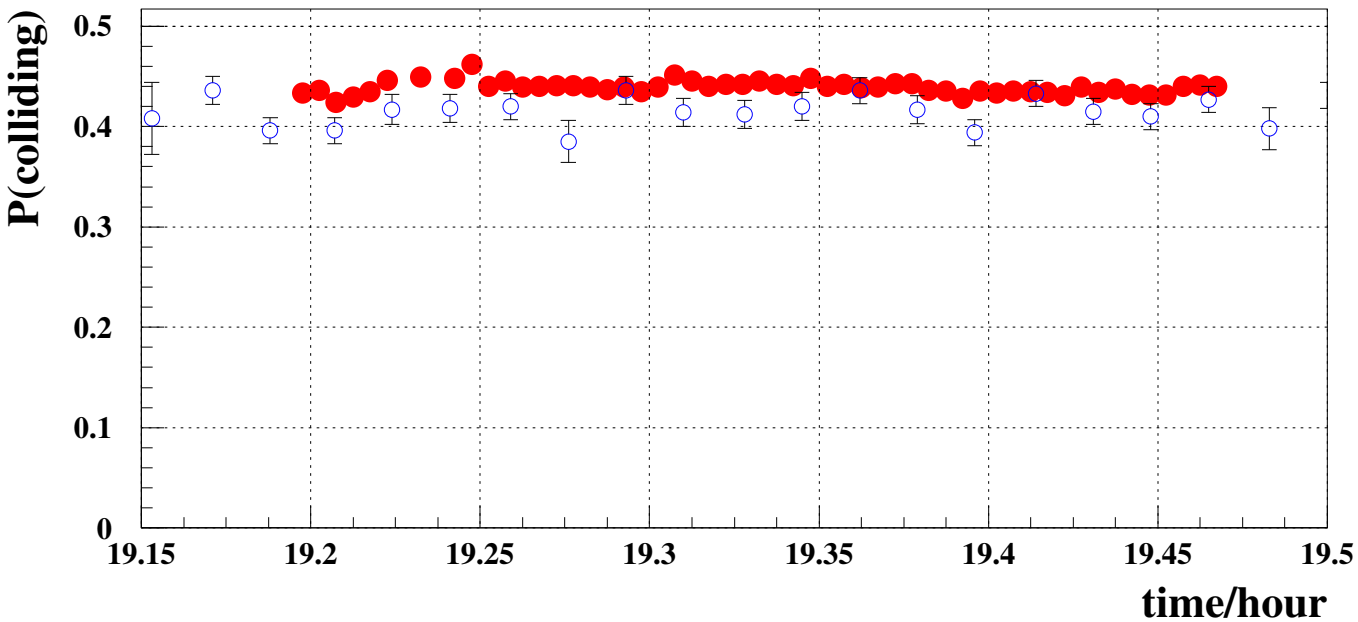

18 March 2007 triplet range below 2200 and greater than 2100
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
18.6
18.65
18.7
18.75
18.8
18.85
18.9
18.95
Time / hours

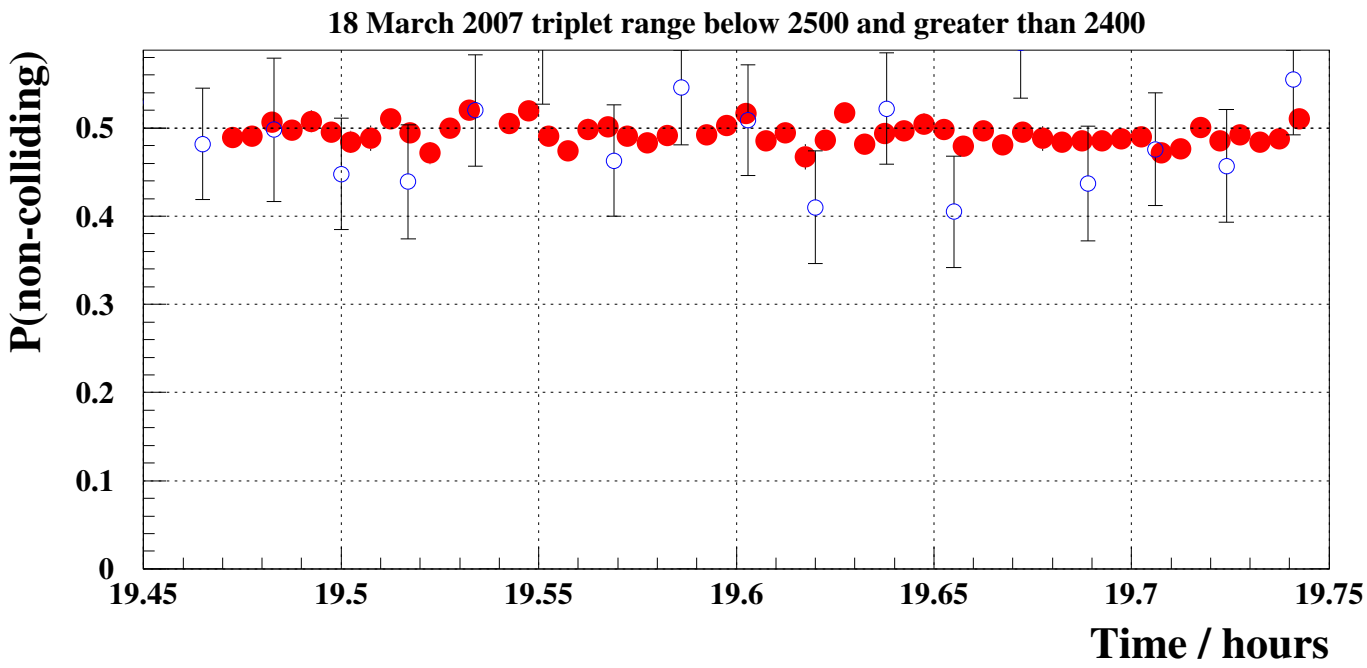

P(colliding)
0
0.1
0.2
0.3
0.4
0.5
18.6
18.65
18.7
18.75
18.8
18.85
18.9
18.95
time/hour

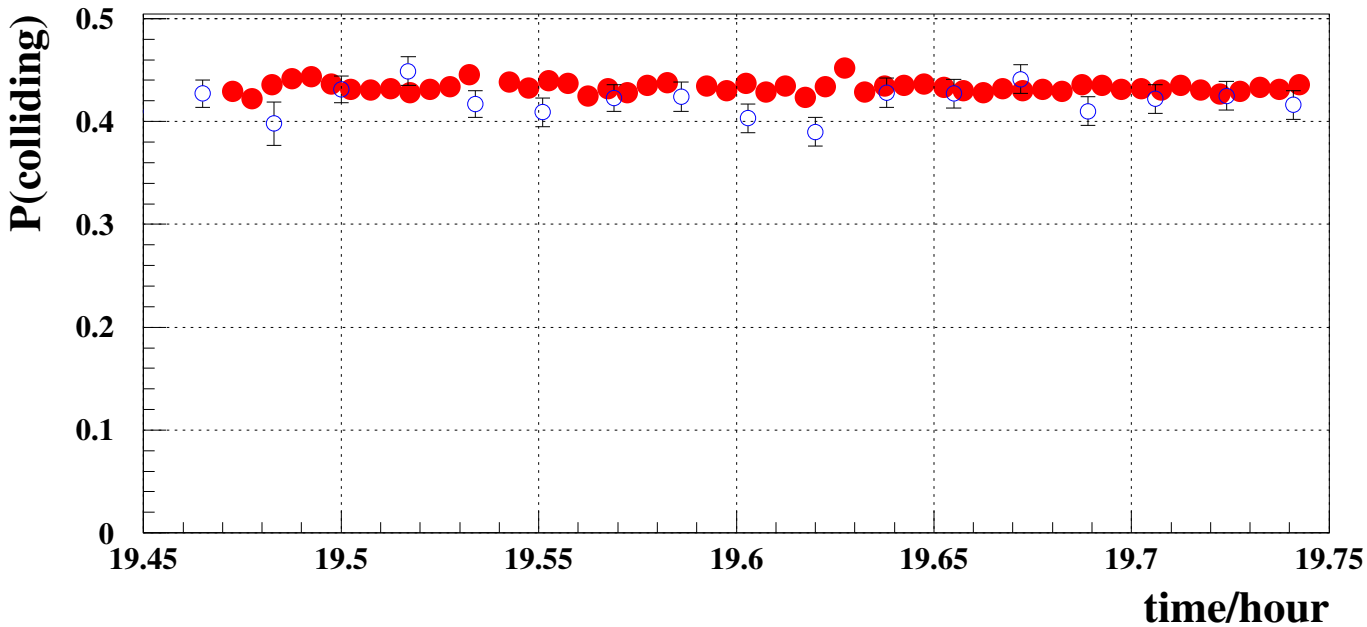

18 March 2007 triplet range below 2300 and greater than 2200
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
18.9
18.95
19
19.05
19.1
19.15
19.2
Time / hours

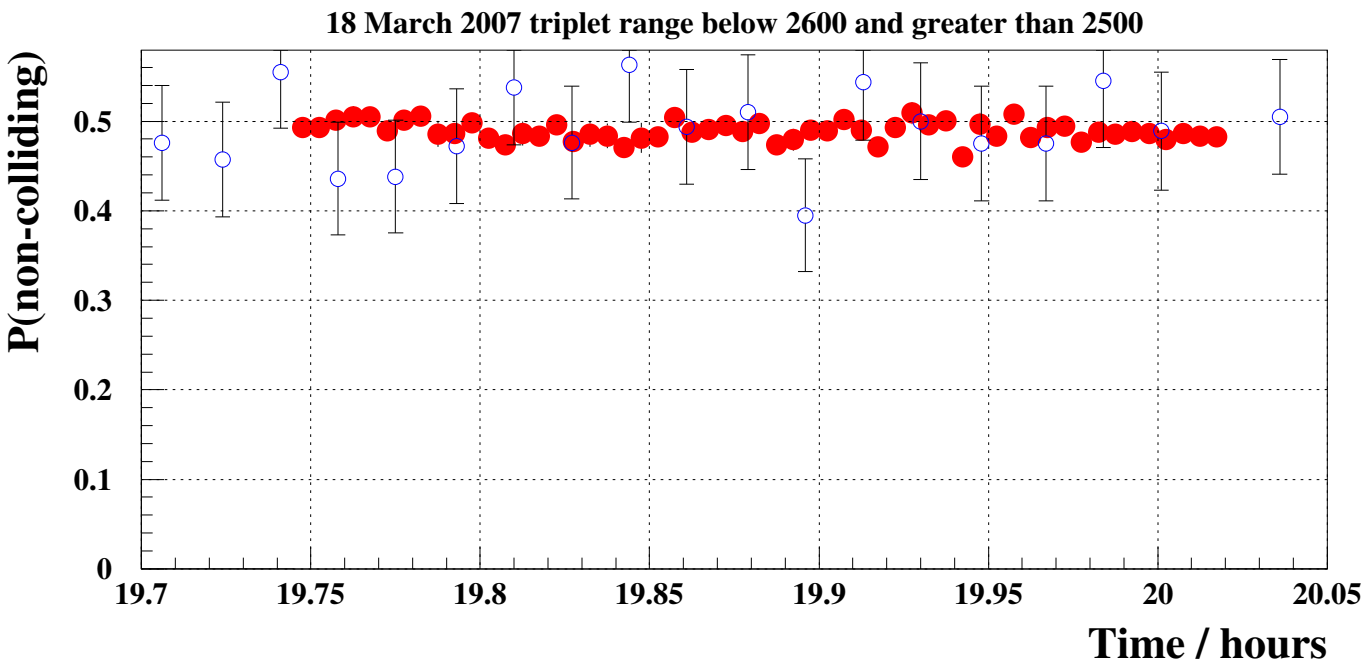

P(colliding)
0
0.1
0.2
0.3
0.4
0.5
18.9
18.95
19
19.05
19.1
19.15
19.2
time/hour

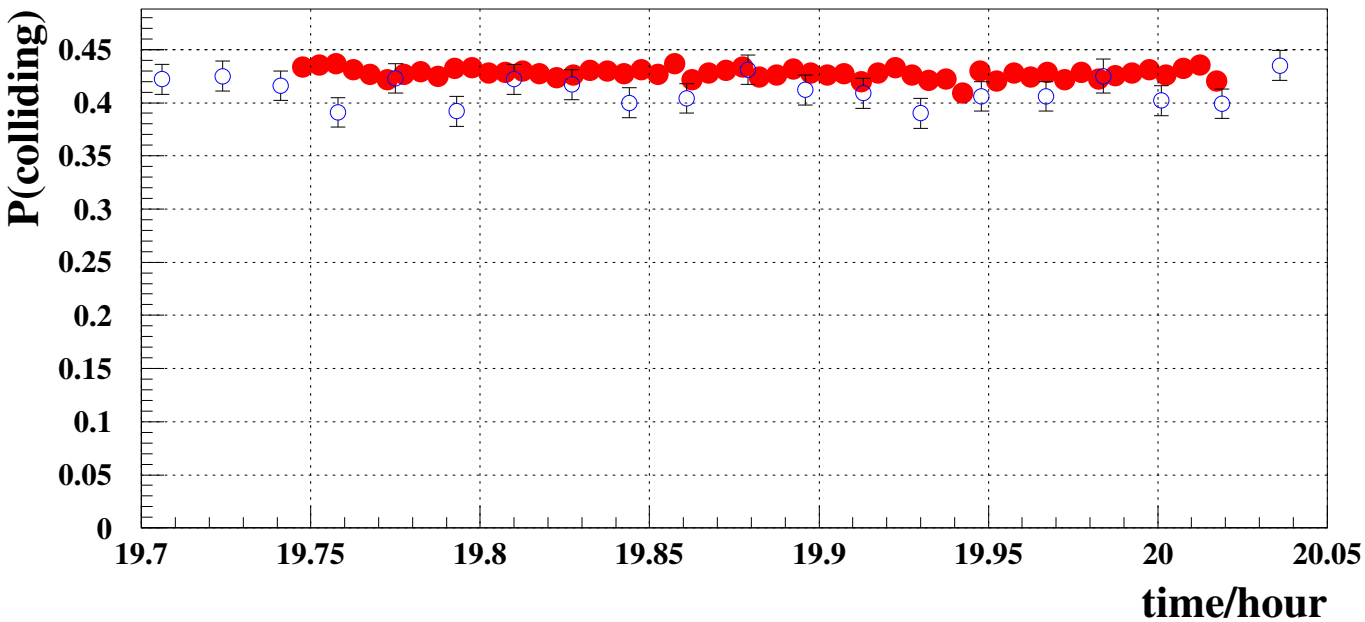

18 March 2007 triplet range below 2400 and greater than 2300
P(non-colliding)
0.6
0.5
0.4
0.3
0.2
0.1
0
19.15
19.2
19.25
19.3
19.35
19.4
19.45
19.5
Time / hours

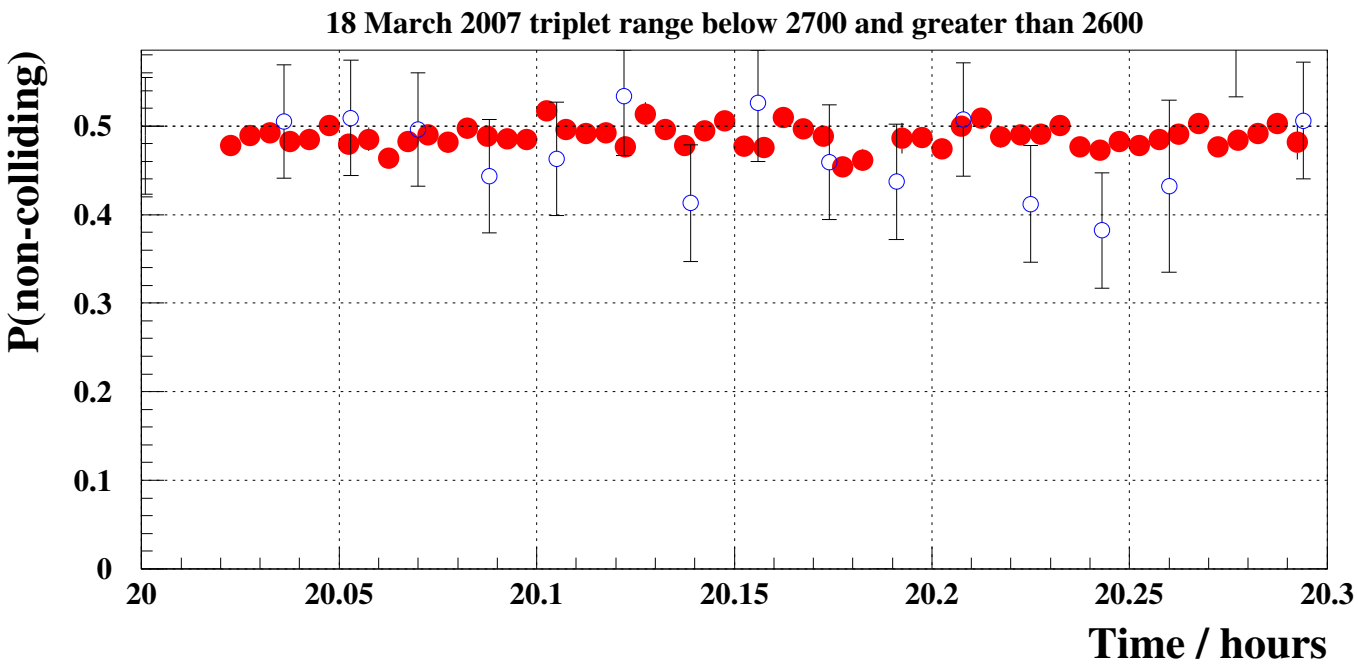

P(colliding)
0.5
0.4
0.3
0.2
0.1
0
19.15
19.2
19.25
19.3
19.35
19.4
19.45
19.5
time/hour

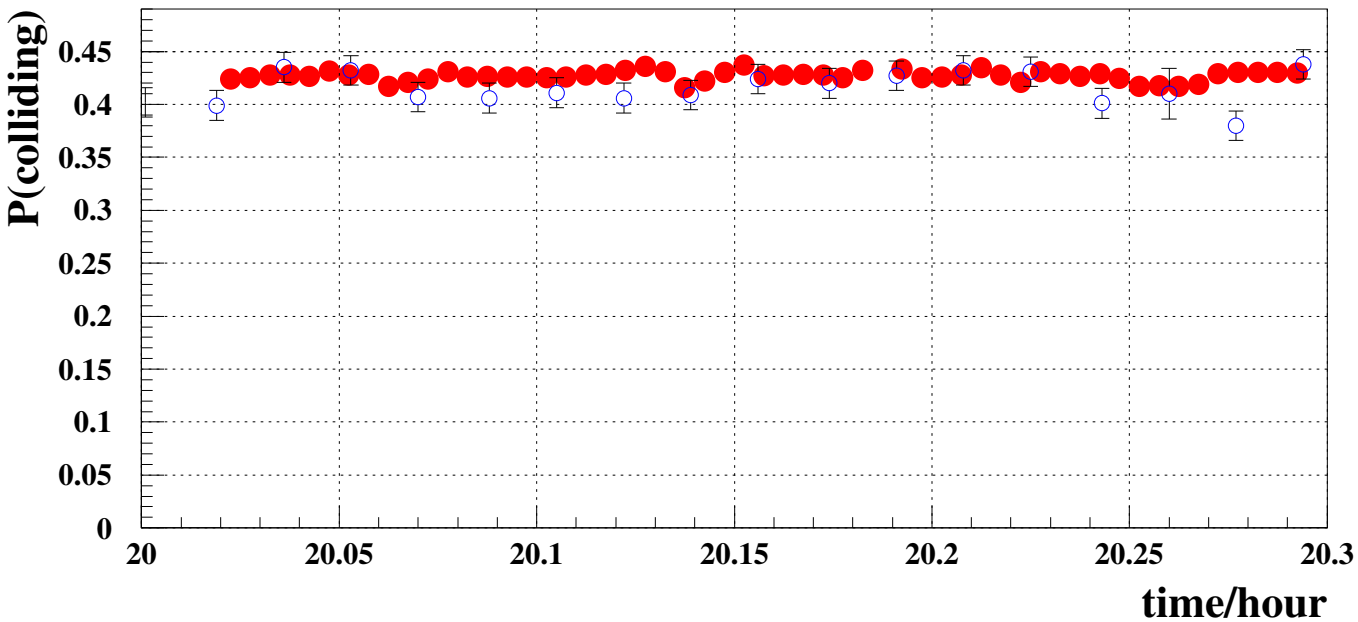

18 March 2007 triplet range below 2500 and greater than 2400
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
19.45
19.5
19.55
19.6
19.65
19.7
19.75
Time / hours

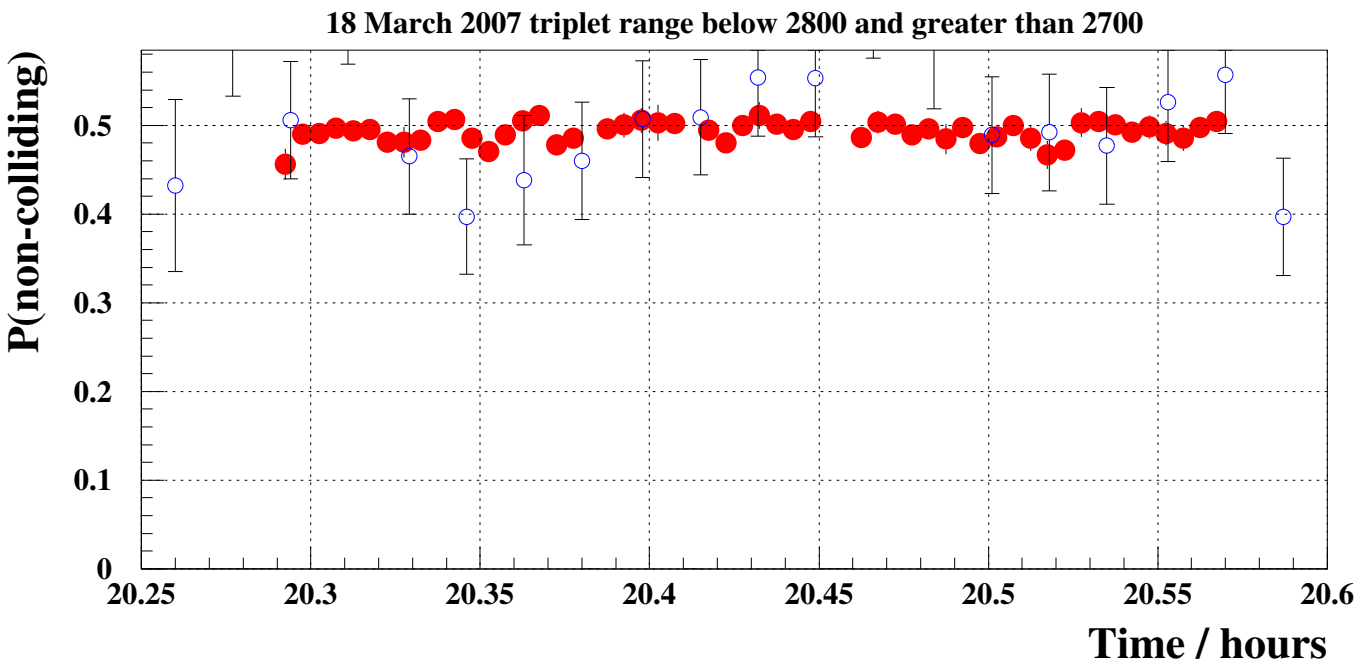

P(colliding)
0
0.1
0.2
0.3
0.4
0.5
19.45
19.5
19.55
19.6
19.65
19.7
19.75
time/hour

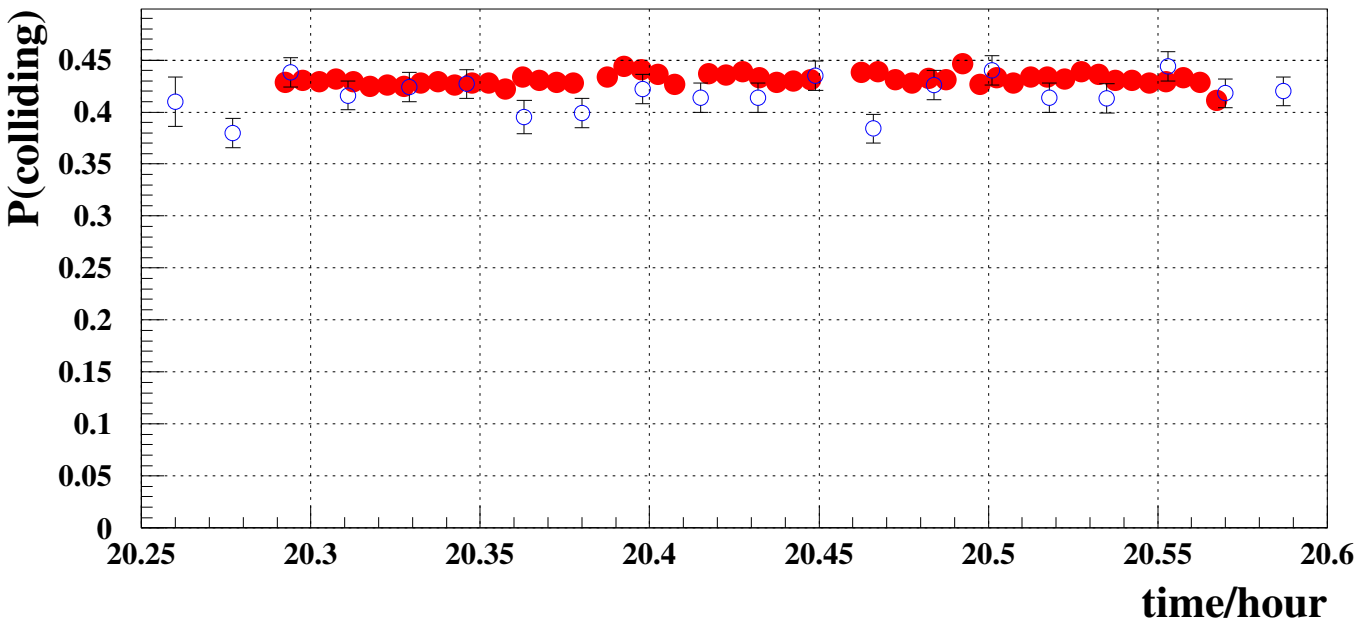

18 March 2007 triplet range below 2600 and greater than 2500
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
19.7
19.75
19.8
19.85
19.9
19.95
20
20.05
Time / hours

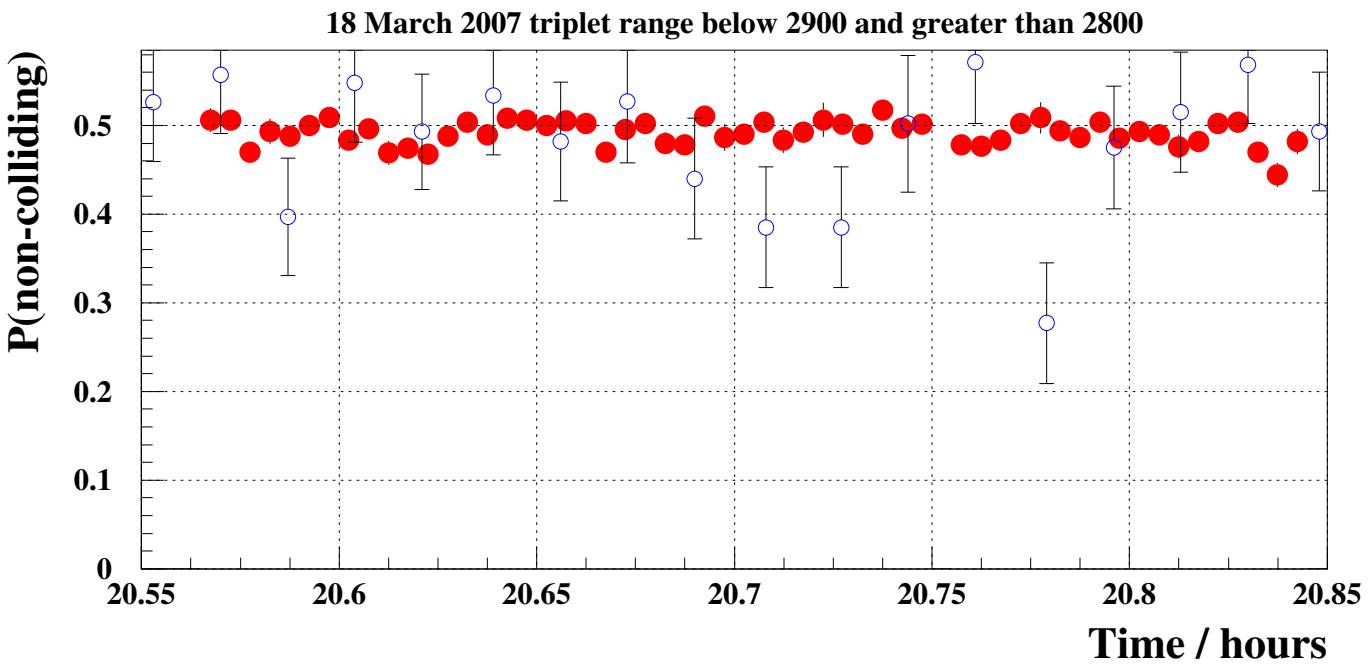

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
19.7
19.75
19.8
19.85
19.9
19.95
20
20.05
time/hour

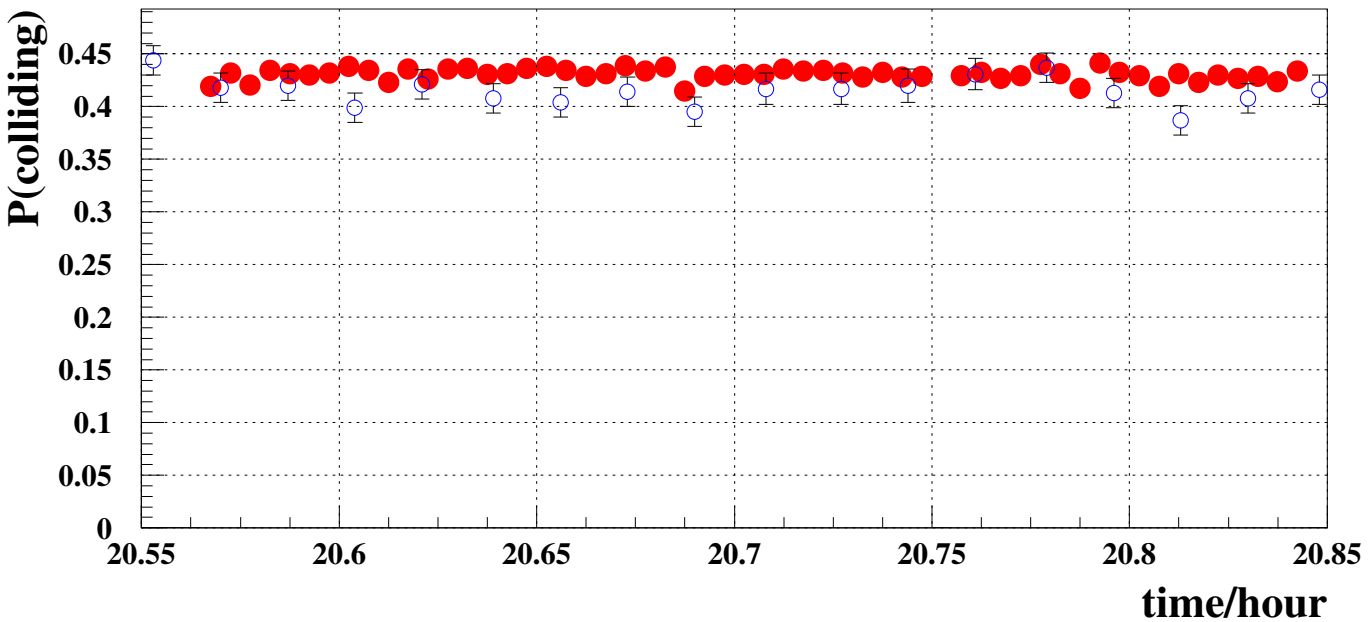

18 March 2007 triplet range below 2700 and greater than 2600
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
20
20.05
20.1
20.15
20.2
20.25
20.3
Time / hours

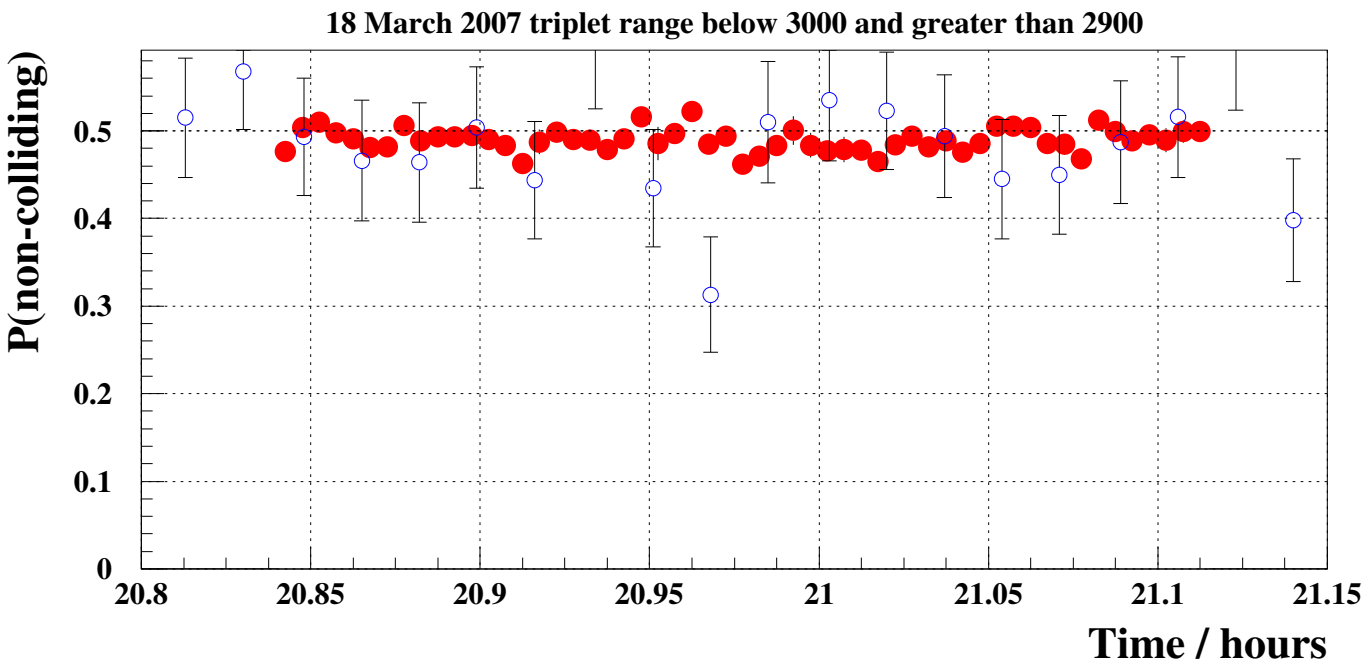

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
20
20.05
20.1
20.15
20.2
20.25
20.3
time/hour

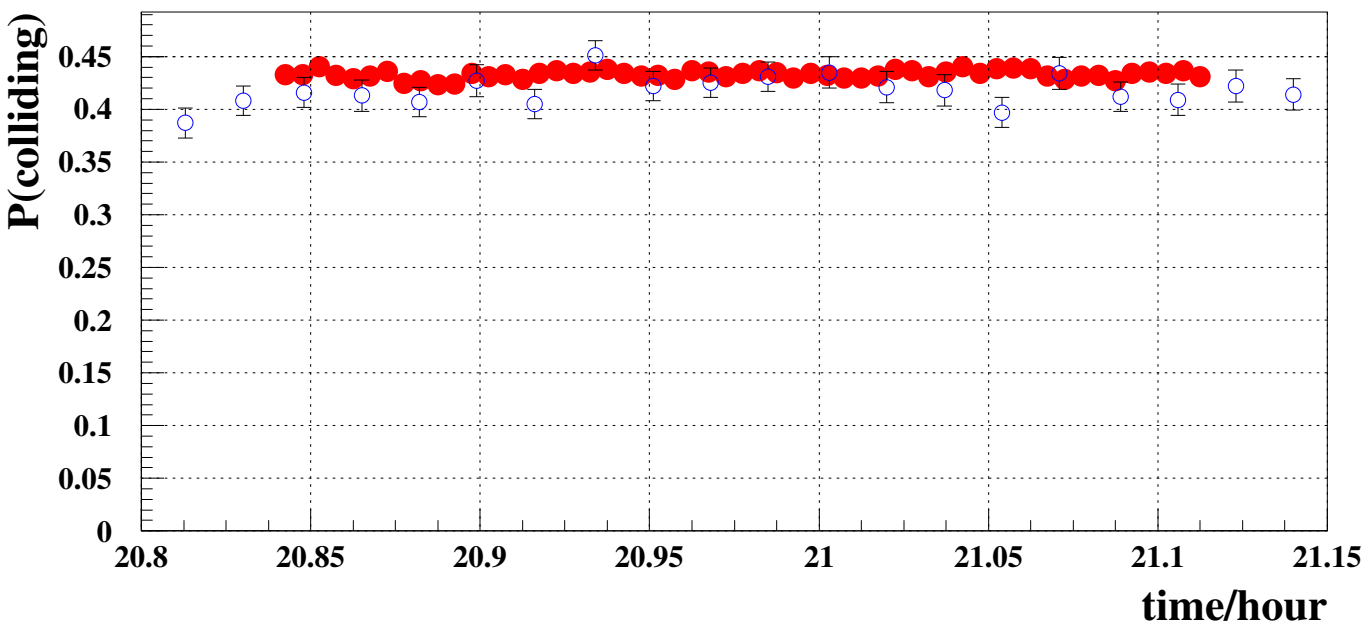

18 March 2007 triplet range below 2800 and greater than 2700
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
20.25
20.3
20.35
20.4
20.45
20.5
20.55
20.6
Time / hours

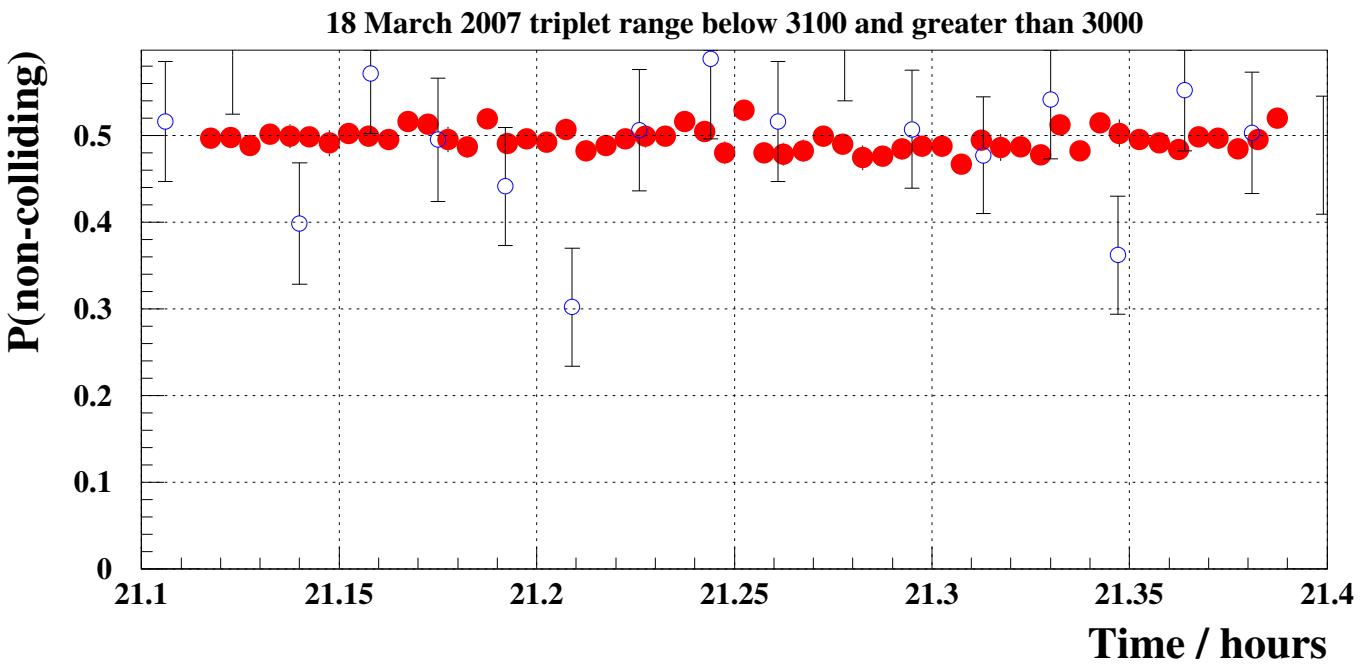

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
20.25
20.3
20.35
20.4
20.45
20.5
20.55
20.6
time/hour

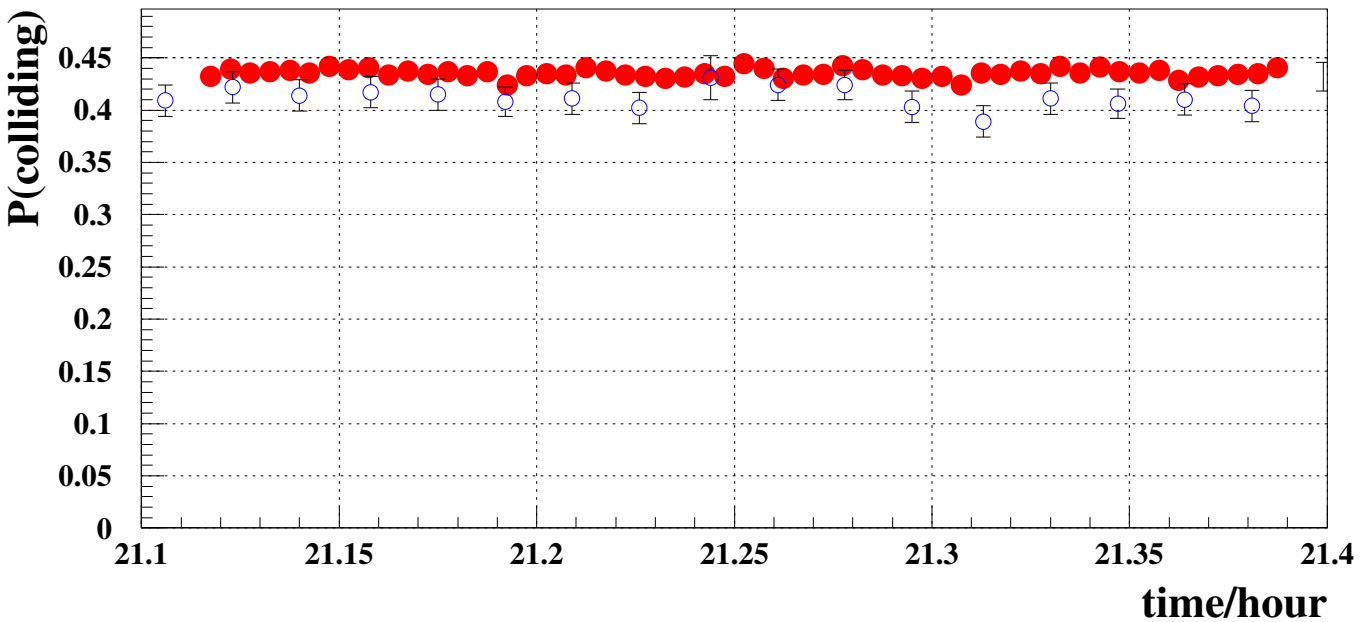

18 March 2007 triplet range below 2900 and greater than 2800
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
20.55
20.6
20.65
20.7
20.75
20.8
20.85
Time / hours

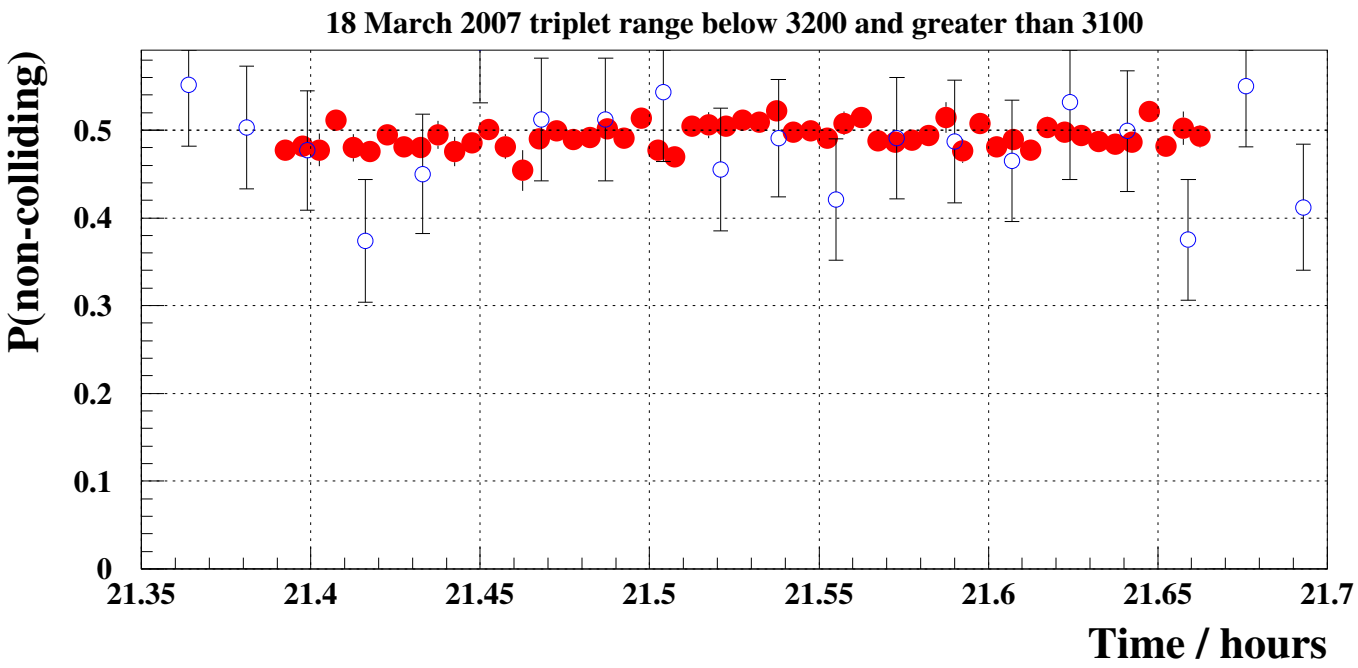

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
20.55
20.6
20.65
20.7
20.75
20.8
20.85
time/hour

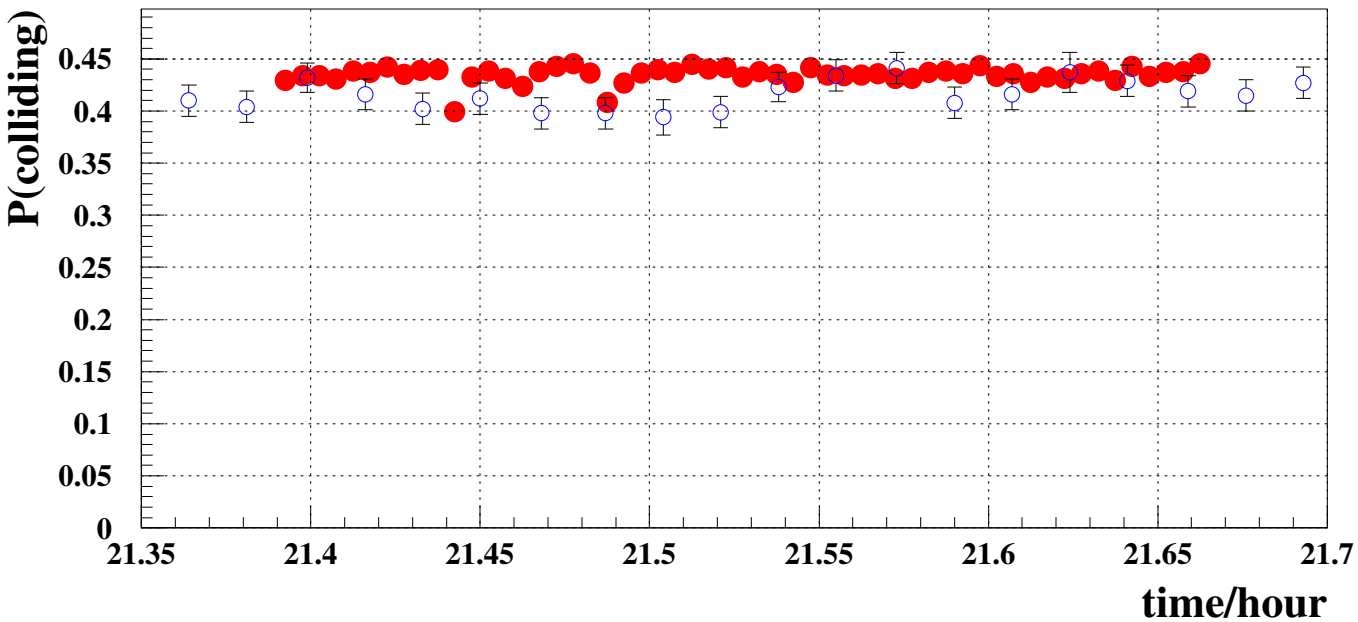

18 March 2007 triplet range below 3000 and greater than 2900
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
20.8
20.85
20.9
20.95
21
21.05
21.1
21.15
Time / hours

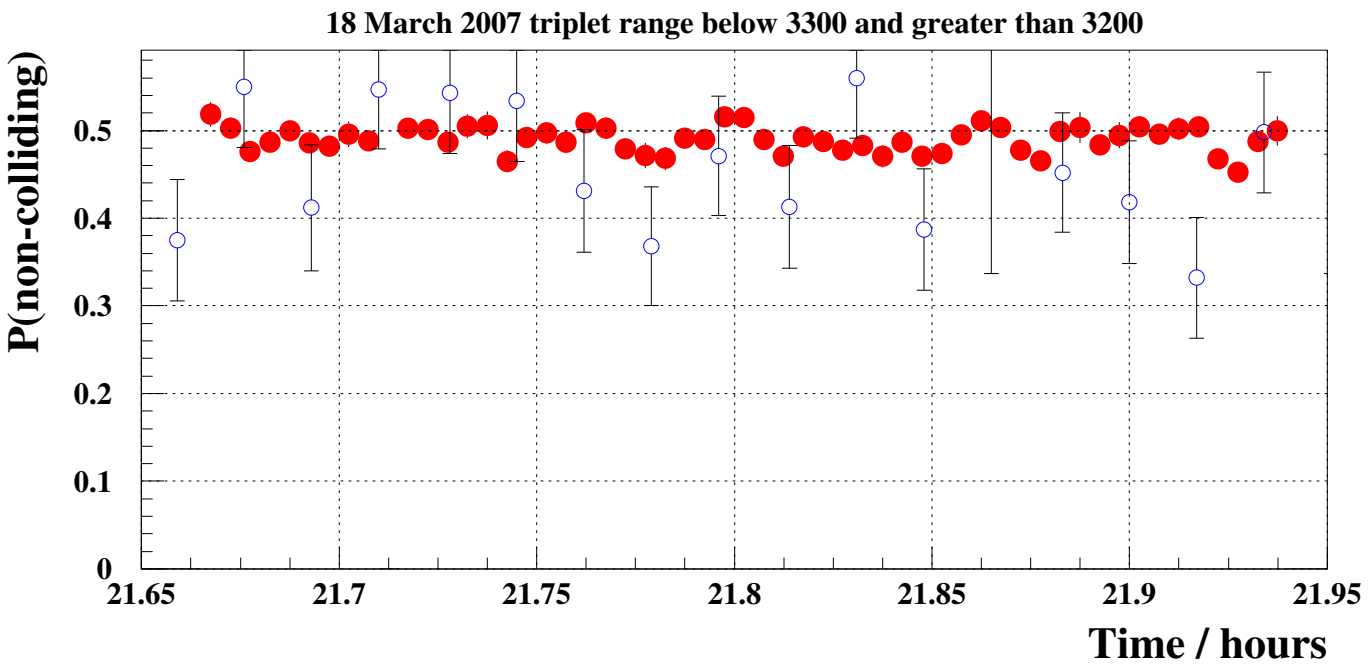

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
20.8
20.85
20.9
20.95
21
21.05
21.1
21.15
time/hour

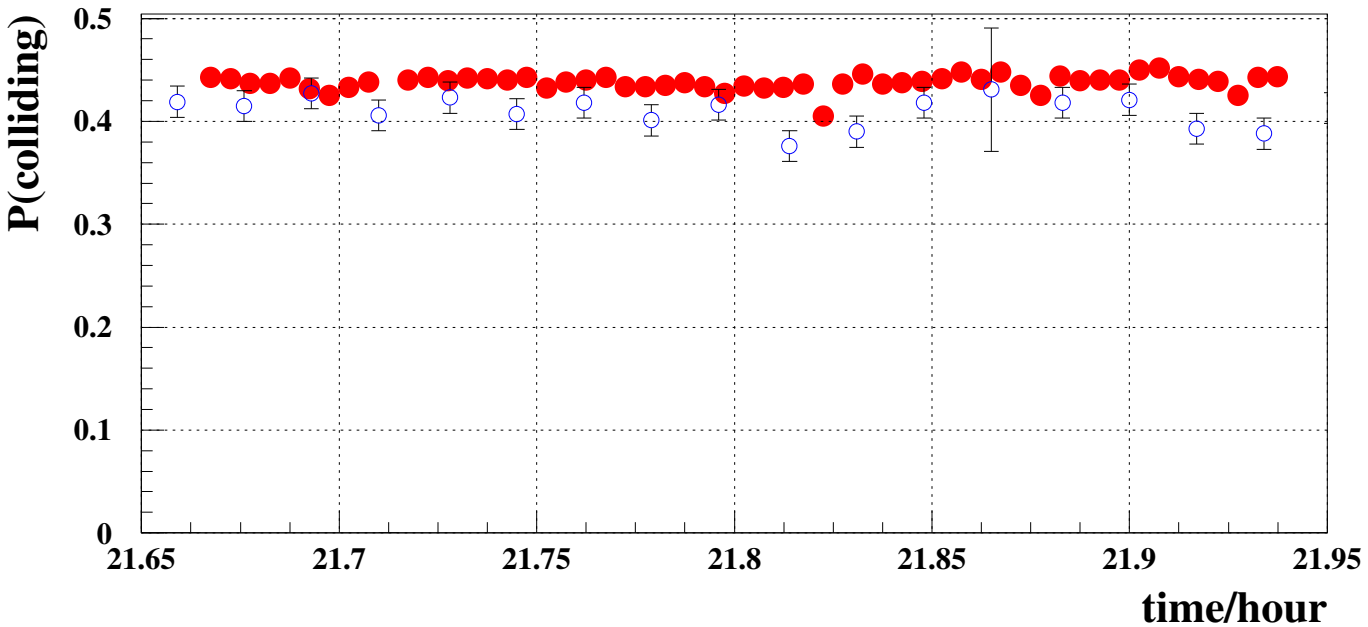

18 March 2007 triplet range below 3100 and greater than 3000
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
21.1
21.15
21.2
21.25
21.3
21.35
21.4
Time / hours

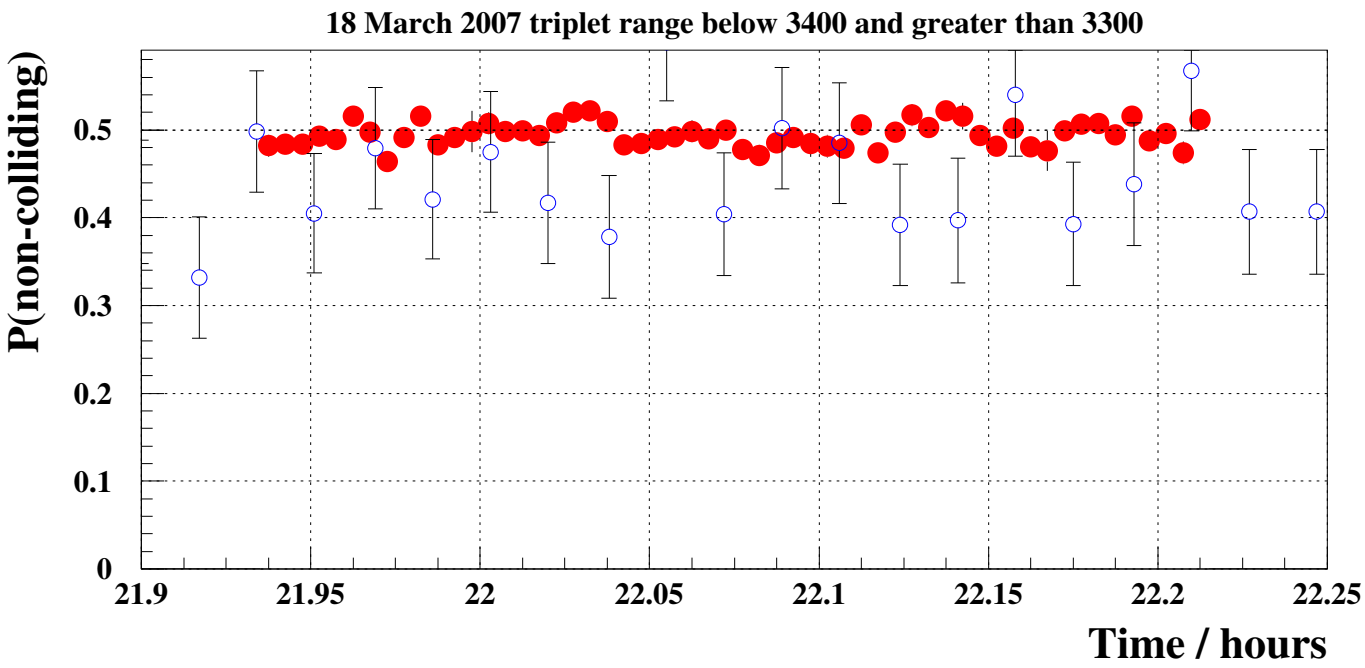

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
21.1
21.15
21.2
21.25
21.3
21.35
21.4
time/hour

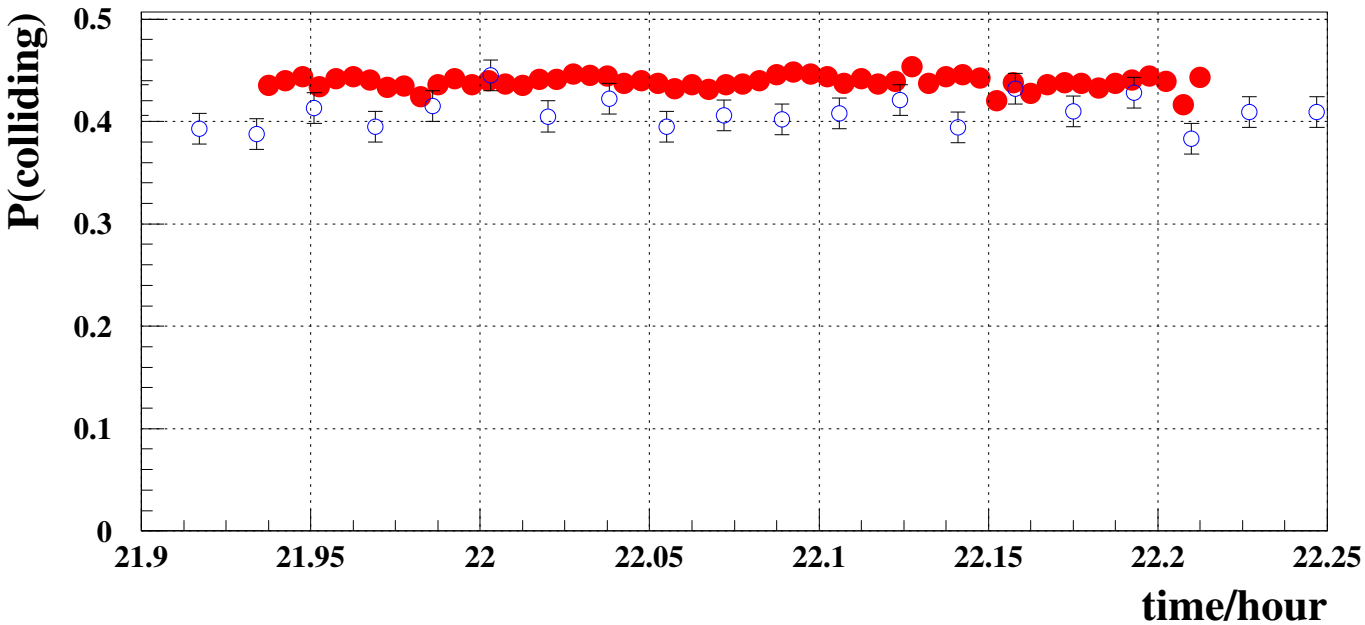

18 March 2007 triplet range below 3200 and greater than 3100
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
21.35
21.4
21.45
21.5
21.55
21.6
21.65
21.7
Time / hours

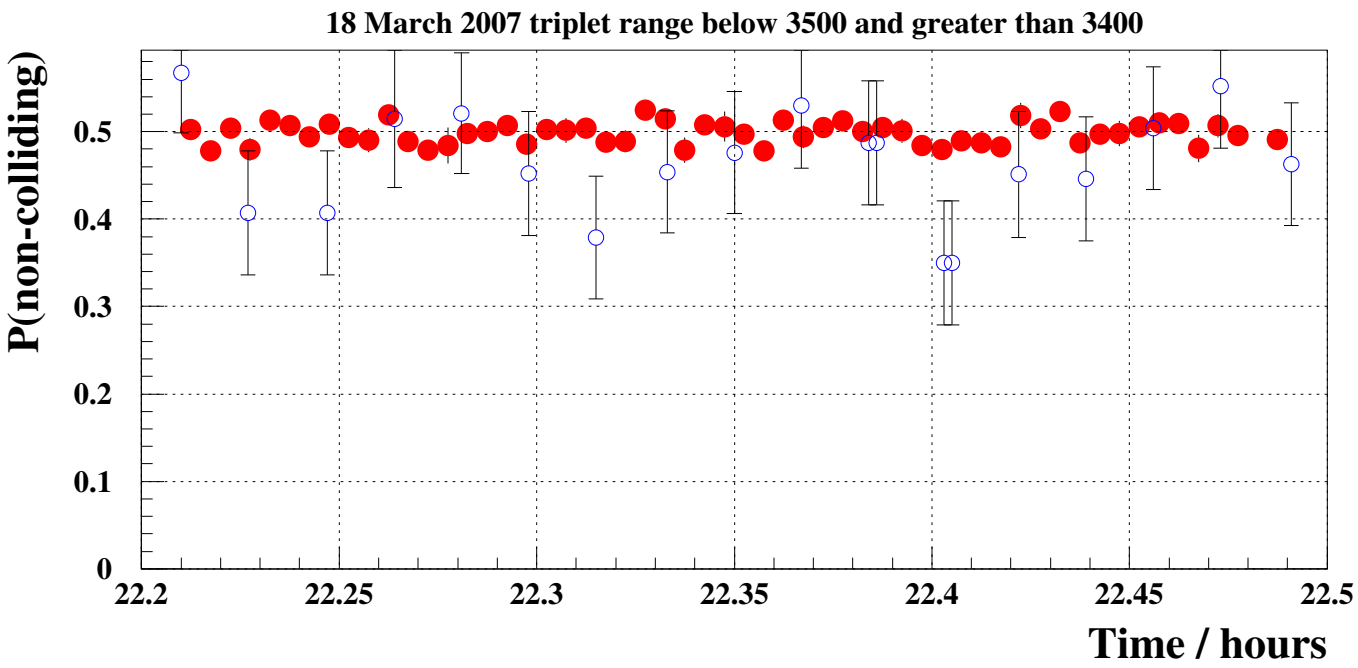

P(colliding)
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
21.35
21.4
21.45
21.5
21.55
21.6
21.65
21.7
time/hour

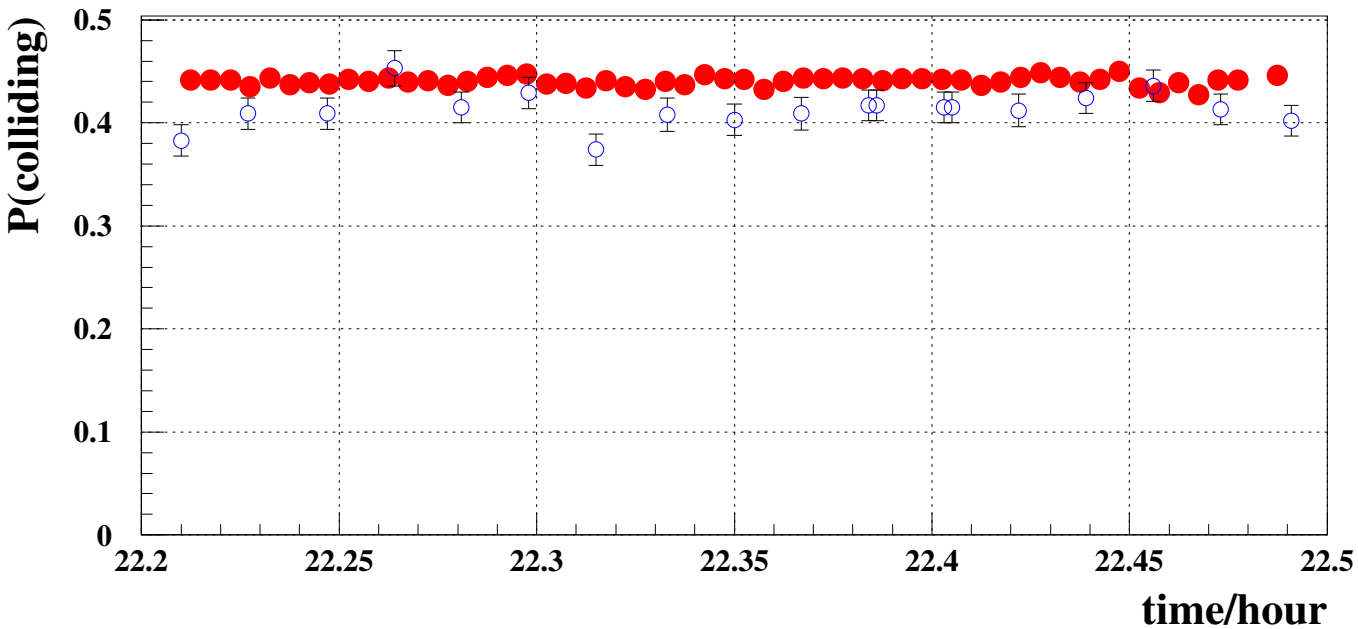

18 March 2007 triplet range below 3300 and greater than 3200
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
21.65
21.7
21.75
21.8
21.85
21.9
21.95
Time / hours

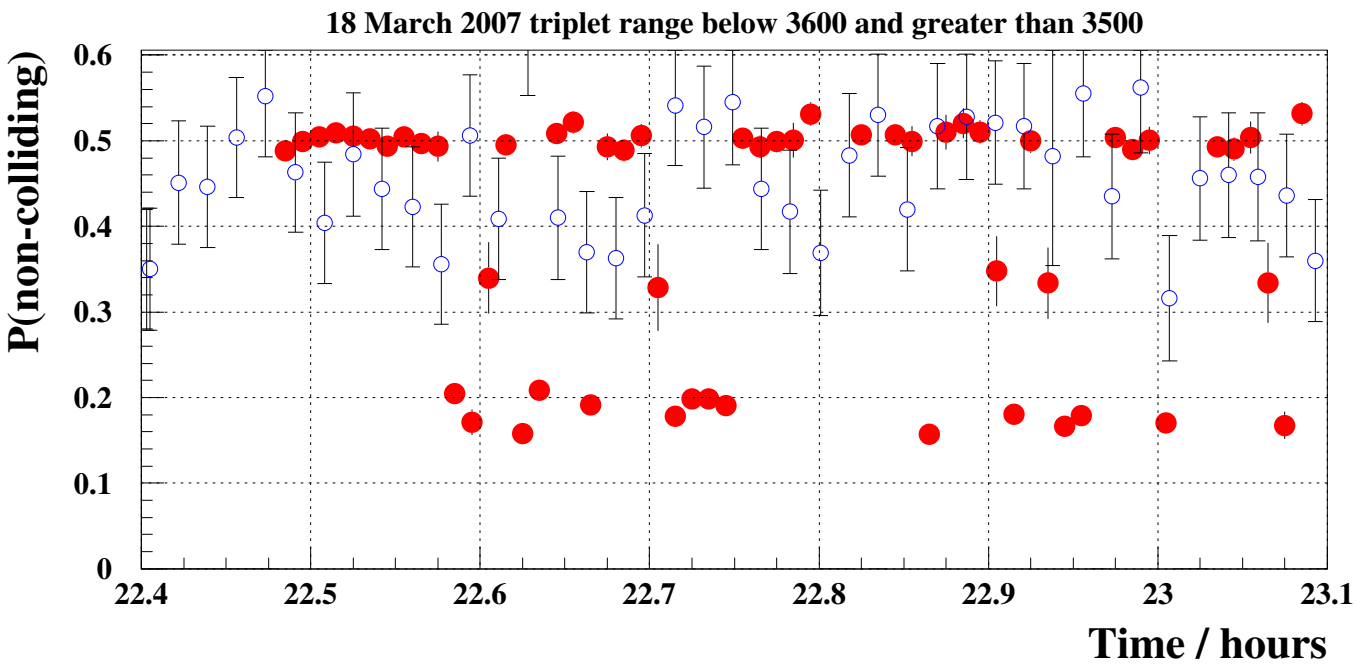

P(colliding)
0
0.1
0.2
0.3
0.4
0.5
21.65
21.7
21.75
21.8
21.85
21.9
21.95
time/hour

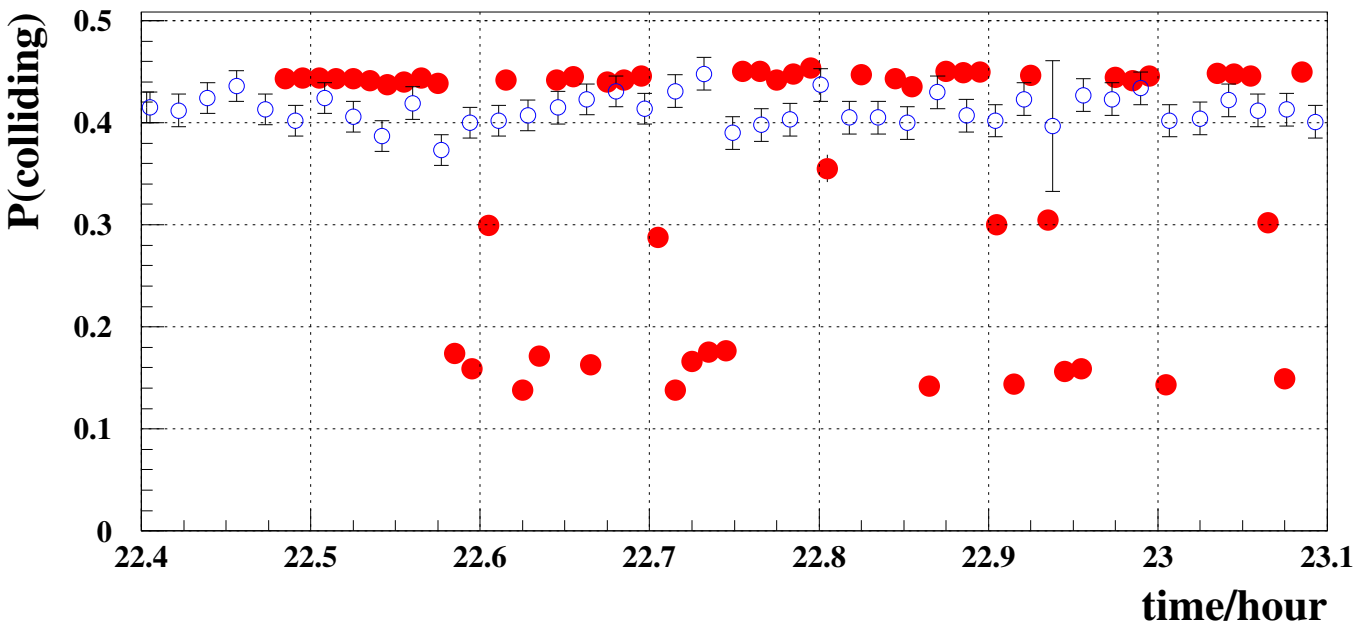

18 March 2007 triplet range below 3400 and greater than 3300
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
21.9
21.95
22
22.05
22.1
22.15
22.2
22.25
Time / hours

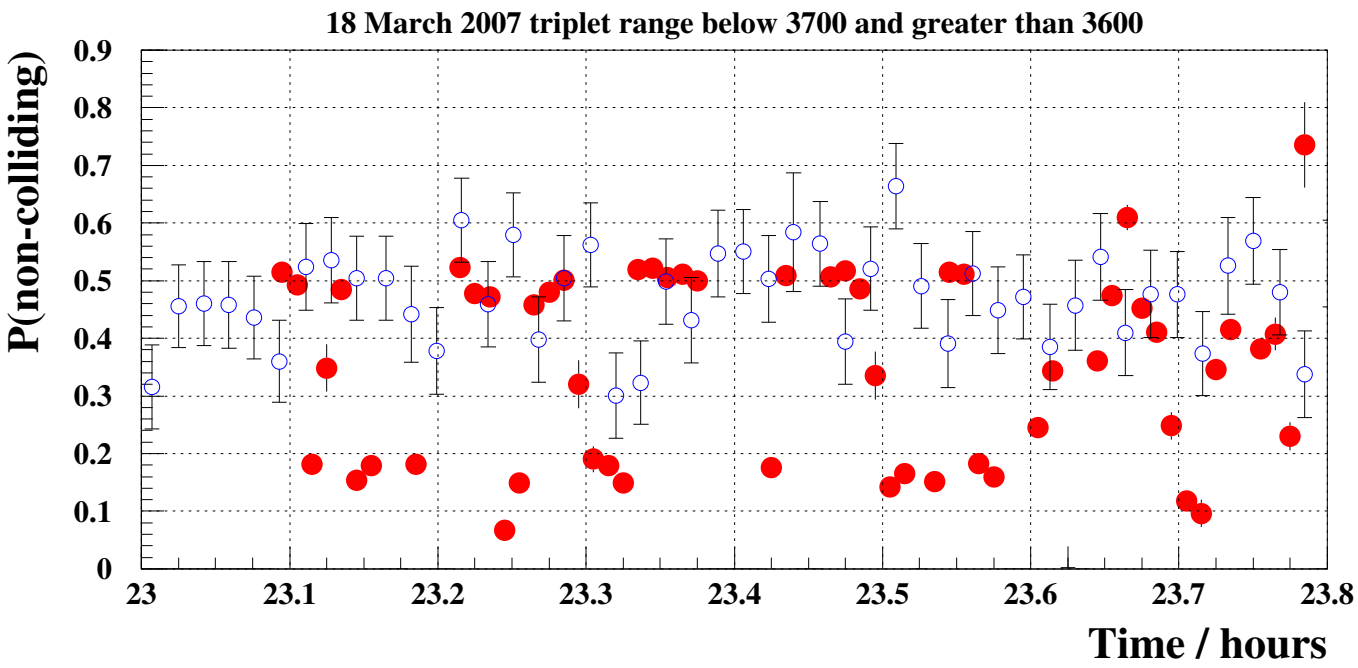

P(colliding)
0
0.1
0.2
0.3
0.4
0.5
21.9
21.95
22
22.05
22.1
22.15
22.2
22.25
time/hour

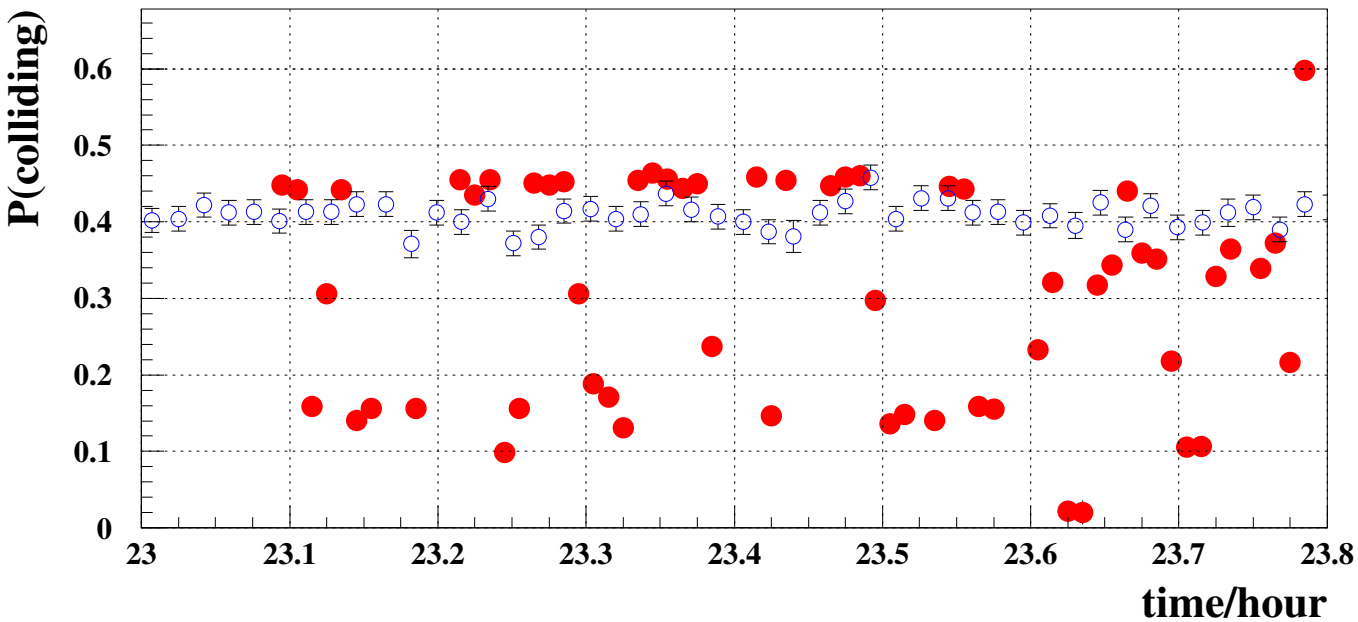

18 March 2007 triplet range below 3500 and greater than 3400
P(non-colliding)
0
0.1
0.2
0.3
0.4
0.5
22.2
22.25
22.3
22.35
22.4
22.45
22.5
Time / hours

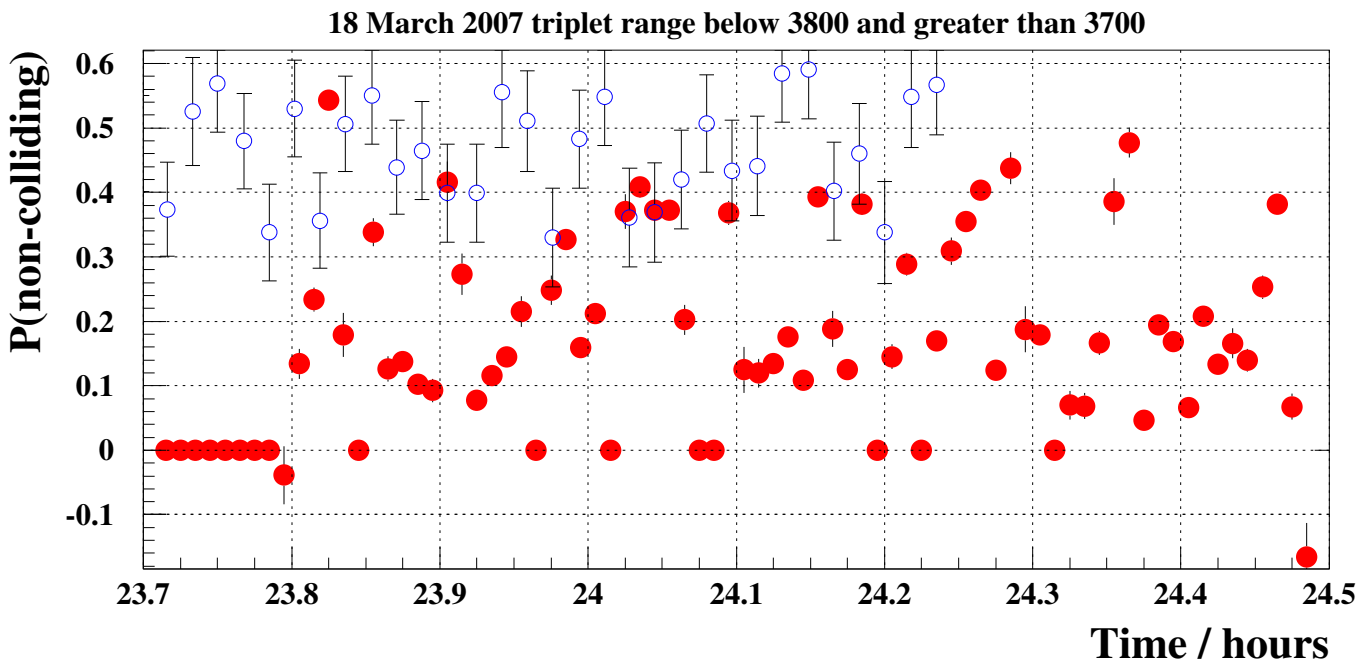

P(colliding)
0
0.1
0.2
0.3
0.4
0.5
22.2
22.25
22.3
22.35
22.4
22.45
22.5
time/hour

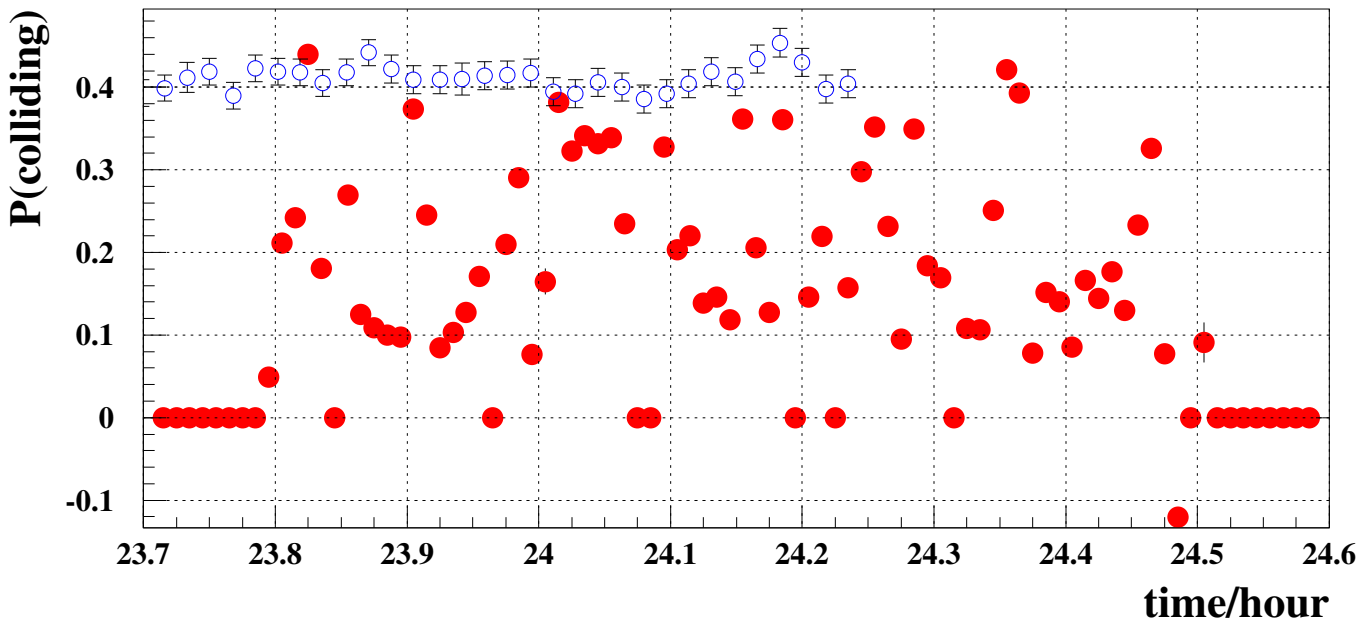

18 March 2007 triplet range below 3600 and greater than 3500
P(non-colliding)
0.6
0.5
0.4
0.3
0.2
0.1
0
22.4
22.5
22.6
22.7
22.8
22.9
23
23.1
Time / hours

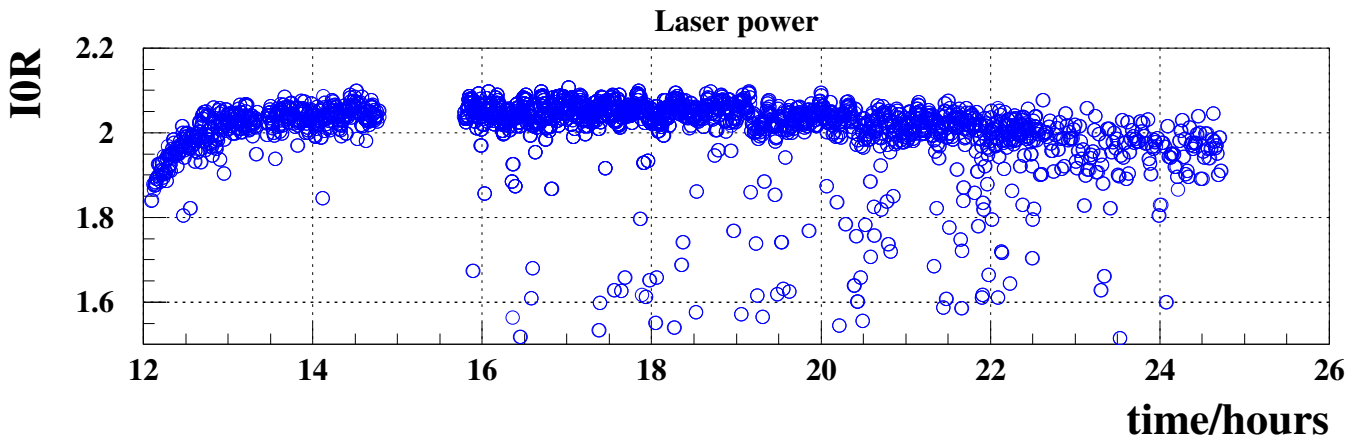

P(colliding)
0.5
0.4
0.3
0.2
0.1
0
22.4
22.5
22.6
22.7
22.8
22.9
23
23.1
time/hour

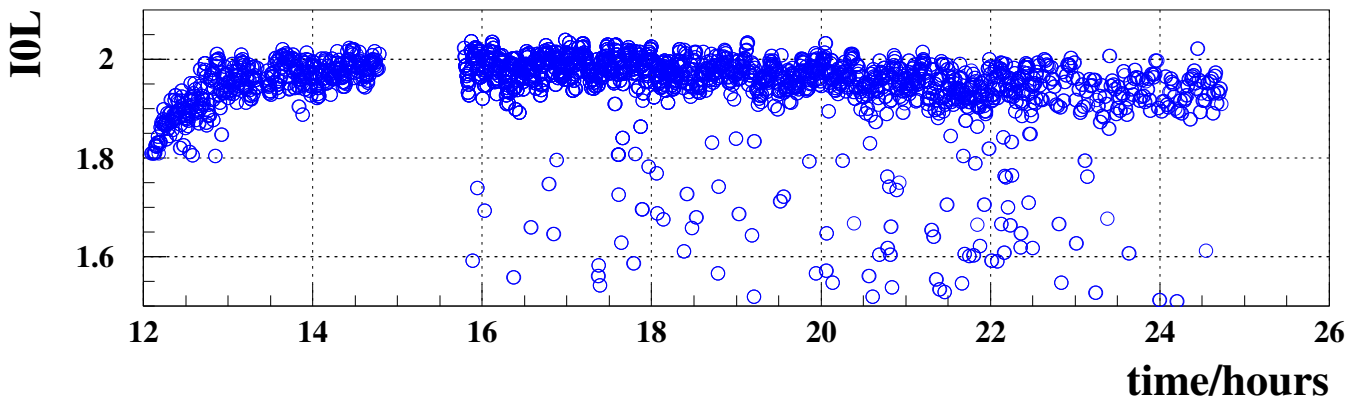

18 March 2007 triplet range below 3700 and greater than 3600
P(non-colliding)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
23
23.1
23.2
23.3
23.4
23.5
23.6
23.7
23.8
Time / hours

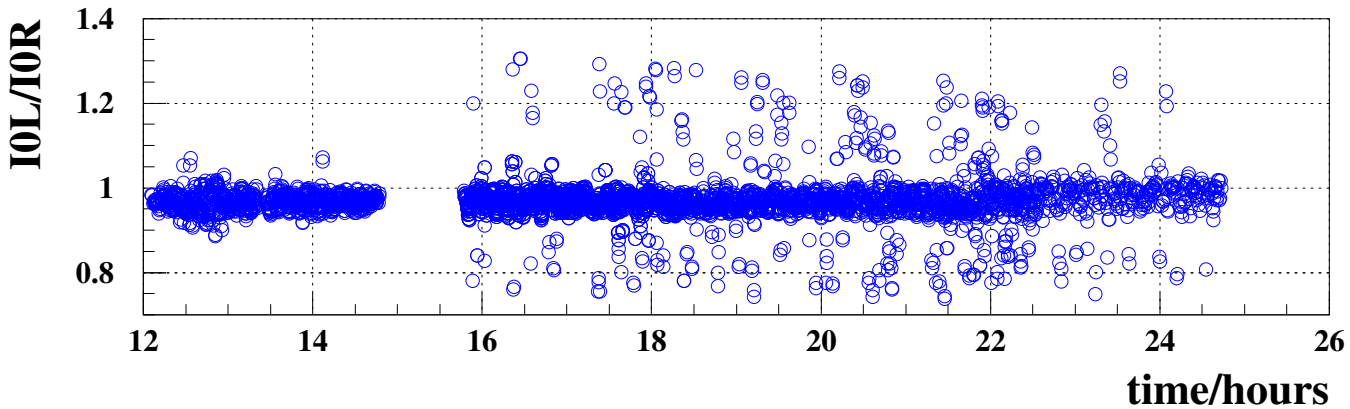

P(colliding)
0.6
0.5
0.4
0.3
0.2
0.1
0
23
23.1
23.2
23.3
23.4
23.5
23.6
23.7
23.8
time/hour

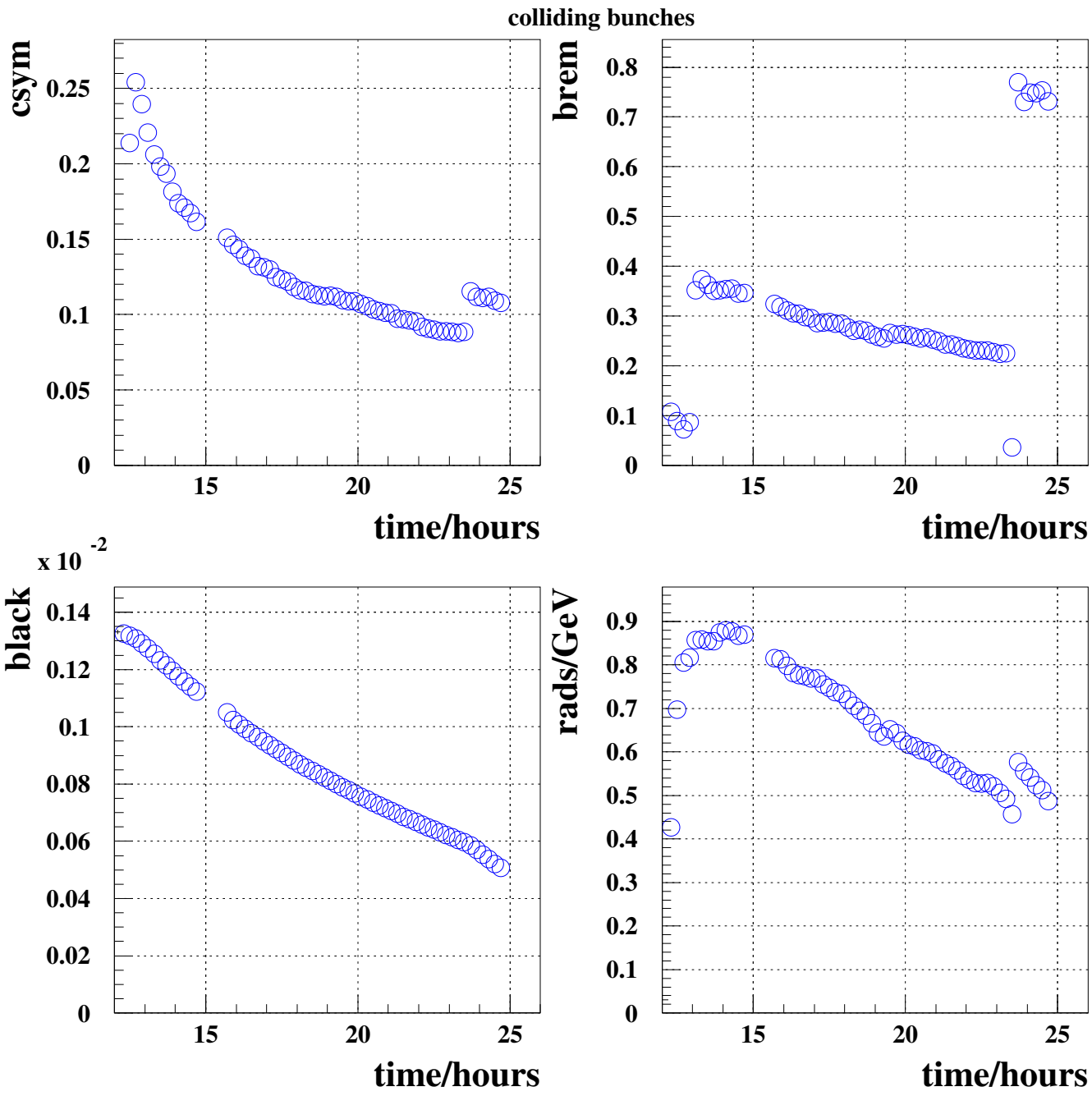

18 March 2007 triplet range below 3800 and greater than 3700
P(non-colliding)
0.6
0.5
0.4
0.3
0.2
0.1
0
-0.1
23.7
23.8
23.9
24
24.1
24.2
24.3
24.4
24.5
Time / hours

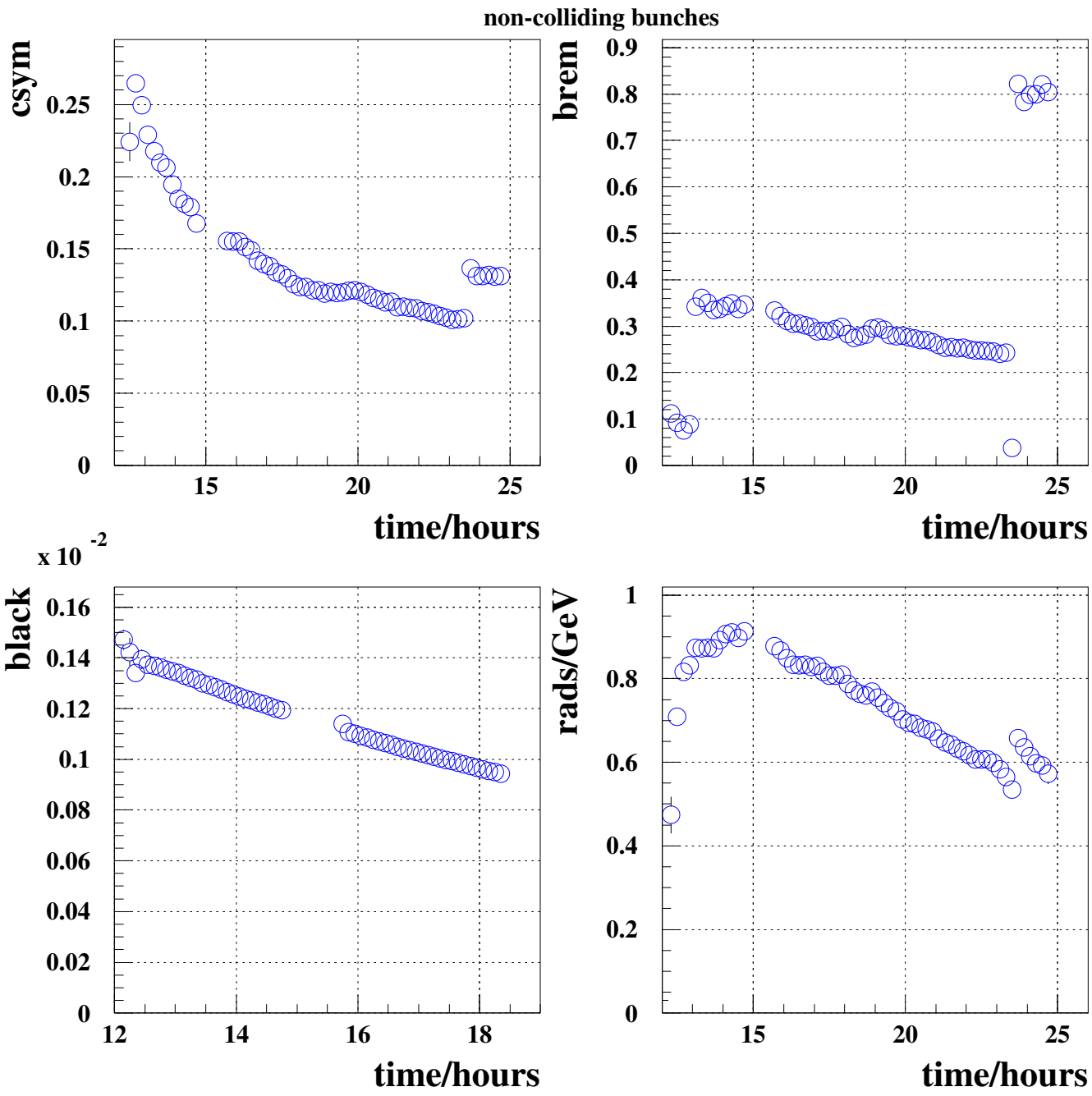

P(colliding)
0.4
0.3
0.2
0.1
0
-0.1
23.7
23.8
23.9
24
24.1
24.2
24.3
24.4
24.5
24.6
time/hour


Laser power
I0R
2.2
2
1.8
1.6
12
14
16
18
20
22
24
26
time/hours


I0L
2
1.8
1.6
12
14
16
18
20
22
24
26
time/hours


I0L/I0R
1.4
1.2
1
0.8
12
14
16
18
20
22
24
26
time/hours


colliding bunches
csym
0.25
0.2
0.15
0.1
0.05
0
15
20
25
time/hours
brem
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
15
20
25
time/hours
x 10 -2
black
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
15
20
25
time/hours
rads/GeV
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
15
20
25
time/hours


non-colliding bunches
csym
0.25
0.2
0.15
0.1
0.05
0
15
20
25
time/hours
brem
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
15
20
25
time/hours
x 10 -2
black
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
12
14
16
18
time/hours
rads/GeV
1
0.8
0.6
0.4
0.2
0
15
20
25
time/hours