Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	13:49	13:52	713	[x] Pedestal [ ] Physic	[ ] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20 K		-1 T	1080/1110	1080/~~1110~~	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

1780/380

~~713: data is AN ERROR~~

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	13:56	15:06	714	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
90038	2400	-1T	1080/	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

1780/380

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	15:38	15:42	715	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20 K	~~2400~~	0	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

1780/380

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	15:49	15:58	716	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
3858	3500	Ø	1080/1140	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

α=10°

WELL 1780/380 α=5°

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	15:49	16.08	717	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
26487	3667	Ø	1080/1140	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

α=10°

WELL 1780/380 α=5°

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	16:17	16:20	718	[x] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
19947		+1	1080/1140	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

α=10°

WELL 1780/380 α=5°

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
06/06	16.32	16.54	719	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
36040	3040	+1	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 10^\circ$

WELL 1780/380 $\alpha = 5^\circ$

Note: Good

Date	Start time	Stop time	Run number	Run type:	Beam type:
06/06	16.23	17.26	720	[x] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
22180		−1	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 10^\circ$

WELL 1780/380 $\alpha = 5^\circ$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
06/06	17.27	18:29	722	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
31389	1778	−1	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 10^\circ$

WELL 1780/380 $\alpha = 5^\circ$

Note: (BEAM LOST FOR ~ 30 MIN)

Date	Start time	Stop time	Run number	Run type:		Beam type:	
06/06	18:58	19:01	723		[X] Pedestal [ ] Physic		[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
20710		0	1080/1110	1080	1080		[X] ArCo2 [ ] ArIso

Gap: [X] 3 mm [ ] 5 mm

$\alpha = 20°$

WELL
1780/380
$\alpha = 10°$

B3Fe and B3LN out of ~2mmm

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
06/06	19:02	19:23	724		[ ] Pedestal [X] Physic		[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
34402	3504	0	1080/1110	1080	1080		[X] ArCo2 [ ] ArIso

Gap: [X] 3 mm [ ] 5 mm

$\alpha = 20°$

WELL
1780/380
$\alpha = 10°$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
06/06	19:33	19:36	725		[X] Pedestal [ ] Physic		[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
20422		+1	1080/1110	1080	1080		[X] ArCo2 [ ] ArIso

Gap: [X] 3 mm [ ] 5 mm

$\alpha = 20°$

WELL
1780/380
$\alpha = 10°$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
06/06	~~[illegible]~~ 19:38	20:07	~~[illegible]~~ 726		[X] Pedestal (scribbled out) [X] Physic		[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
45622	2788	+1	1080/1110	1080	1080		[X] ArCo2 [ ] ArIso

Gap: [X] 3 mm [ ] 5 mm

$\alpha = 20^\circ$

WELL
1780/380
$\alpha = 10^\circ$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
6/6	20:17	20:20	727		[X] Pedestal [ ] Physic		[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
21797		−1	1080/1110	1080	1080		[X] ArCo2 [ ] ArIso

Gap: [X] 3 mm [ ] 5 mm

$\alpha = 20^\circ$

WELL
1780/380
$\alpha = 10^\circ$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
6/6	20:30	20:34	728		[ ] Pedestal [X] Physic		[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
5492	1760	−1	1080/1110	1080	1080		[X] ArCo2 [ ] ArIso

Gap: [X] 3 mm [ ] 5 mm

$\alpha = 20^\circ$

[~~[illegible]~~]

WELL
1780/380
$\alpha = 10^\circ$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
6/6	20:36	21:01	729	☐ Pedestal ☒ Physic		☒ Muon ☐ Pion ☐ Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
27246	1804	-1	1080/1110	1080	1080	☒ ArCo2 ☐ Arlso	
						Gap:	☒ 3 mm ☐ 5 mm

$\alpha = 20°$

RUN STARTED IN PHYSICS ⟸ [BAD SET TO PEDESTAL (RUNNING AGAIN)]

WELL 1780/380 $\alpha = 10°$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
6/6	21:03	21:26	730	☐ Pedestal ☒ Physic		☒ Muon ☐ Pion ☐ Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
27592	1837	-1	1080/1110	1080	1080	☒ ArCo2 ☐ Arlso	
						Gap:	☒ 3 mm ☐ 5 mm

$\alpha = 20°$

WELL 1780/380 $\alpha = 10°$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
6/6	22:06	22:09	732	☒ Pedestal ☐ Physic		☒ Muon ☐ Pion ☐ Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
31444		0	1080/1110	1080	1080	☒ ArCo2 ☐ Arlso	
						Gap:	☒ 3 mm ☐ 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	22[12]	22:30	733	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30247	3700	0	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 30°$ orario

WELL 1780/380

$\alpha = 20°$ antior

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	22:31	22:35	734	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
32739		+1	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 30°$ orario

WELL 1780/380

$\alpha = 20°$ antior

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	22:49	23:19	735	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
44409	3400	+1	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 30°$ orario

WELL 1780/380

$\alpha = 20$ antior

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	23:20	23:25	736	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
34552		-1	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	[X] 3 mm [ ] 5 mm

$\theta = 30°$

WELL 1780/380

$\theta = 20°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
6/6	23:46	0008	738	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30423	1408	-1	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	[X] 3 mm [ ] 5 mm

$\theta = 30°$

WELL 1780/380

$\theta = 20°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	00:09	0017	739	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
11312	1700	-1	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	[X] 3 mm [ ] 5 mm

$\theta = 30°$

WELL 1780/380

TEST FOR OPTIMIZED $\theta = 20°$

Note: CHANGE THE DRIFT FIELD TO 0.7 KV/cm TPC-MODE

Date | Start time | Stop time | Run number | Run type: [ ] Pedestal [X] Physic | Beam type: [X] Muon [ ] Pion [ ] Beam Off

7/6 00:33

Event Number | Trigger rate | B field | HV tracker | HV B3Fe | HV B3LN | Gas: [X] ArCo2 [ ] ArIso | Gap: [X] 3 mm [ ] 5 mm

~1 | 1080/1110 | 1080 | 1080

$\alpha = 30°$

WELL 1780/380
$\alpha = 20°$

TEST FOR OPTIMIZED TPC-MODE

Note: CHANGE THE DRIFT FIELD TO 0.5 KV/cm.

Date | Start time | Stop time | Run number | Run type: [X] Pedestal [ ] Physic | Beam type: [X] Muon [ ] Pion [ ] Beam Off

7/6 | 08:14 | 08:17 | 741

Event Number | Trigger rate | B field | HV tracker | HV B3Fe | HV B3LN | Gas: [X] ArCo2 [ ] ArIso | Gap: [X] 3 mm [ ] 5 mm

22069 | | 0 | 1080/1110 | 1080 | 1080

$\alpha = 45°$

BAD PEDESTAL

WELL
1780/380
$\alpha = 30°$

Note:

Date | Start time | Stop time | Run number | Run type: [ ] Pedestal [X] Physic | Beam type: [X] Muon [ ] Pion [ ] Beam Off

7/6 | 08:19 | 08:53 | 742

Event Number | Trigger rate | B field | HV tracker | HV B3Fe | HV B3LN | Gas: [X] ArCo2 [ ] ArIso | Gap: [X] 3 mm [ ] 5 mm

34746 | 2419 | 0 | 1080/1110 | 1080 | 1080

$\alpha = 45°$

WELL
1780/380
$\alpha = 30°$

Note: BAD PEDESTAL

Date	Start time	Stop time	Run number	Run type:	Beam type:	Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
7/6	09:20	09:23	743	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off	20481		0	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	[X] 3 mm [ ] 5 mm

$\alpha = 45°$

WELL
1780/380
$\alpha = 30°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:	Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
7/6	09:27	09:28	744	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off	1715	3800	0	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	[X] 3 mm [ ] 5 mm

$\alpha = 45°$

WELL
1780/380
$\alpha = 30°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:	Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
7/6	09:31	10:01	745	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off	50876	3730	0	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	[X] 3 mm [ ] 5 mm

$\alpha = 45°$

WELL
1780/380
$\alpha = 30°$

B3Fe: ~ 30% out of BEAM

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
7/6	10.18	10.20	746	[X] Pedestal [ ] Physic		[X] Muon [ ] Pion [ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
200081		+1	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	

Gap: [X] 3 mm [ ] 5 mm

WELL
1780/380
$\alpha = 30°$

$\alpha = 45°$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
7/6	10.21	11:09	747	[ ] Pedestal [X] Physic		[X] Muon [ ] Pion [ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
44121	2400	+1	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	

Gap: [X] 3 mm [ ] 5 mm

WELL
1780/380
$\alpha = 30$

$\alpha = 45°$

B3Fe: ~ 60% out of BEAM

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
7/6	11:09	11.34	748	[ ] Pedestal [X] Physic		[X] Muon [ ] Pion [ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
40107	3107	+1	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	

Gap: [X] 3 mm [ ] 5 mm

WELL
1780/380
$\alpha = 30°$

$\alpha = 45°$

B3Fe: ~ 60% out of BEAM

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
7/6	11:48	11:51	749	[X] Pedestal [ ] Physic		[X] Muon [ ] Pion [ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
20521		-1	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	

Gap: [X] 3 mm [ ] 5 mm

$\alpha = 45°$

WELL
1780/380
$\alpha = 30°$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
7/6	11:53	12:15	750	[ ] Pedestal [X] Physic		[X] Muon [ ] Pion [ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
33 K	1936	-1	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	

Gap: [X] 3 mm [ ] 5 mm

$\alpha = 45°$

WELL
1780/380
$\alpha = 30°$

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
7/6	12:16	12:26	751	[ ] Pedestal [X] Physic		[X] Muon [ ] Pion [ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
13358	1836	-1	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	

Gap: [X] 3 mm [ ] 5 mm

$\alpha = 45°$

WELL
1780/380
$\alpha = 30°$

Note:

Date: 7/6 | Start time: 12:28 | Stop time: 12.51 | Run number: 752 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 32979 | Trigger rate: | B field: -1 | HV tracker: 1080/1110 | HV B3Fe: 1080 | HV B3LN: 1080 | Gas: [x] ArCo2 [ ] ArIso | Gap: [x] 3 mm [ ] 5 mm

$\alpha = 45°$

WELL
1780/380
$\alpha = 30°$

CHANGE THE DRIFT FIELD TO 1 KV/cm

Note:

Date: 7/6 | Start time: 12.54 | Stop time: 13:01 | Run number: 753 | Run type: [x] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 21132 | Trigger rate: 1990 | B field: -1 | HV tracker: 1080/1110 | HV B3Fe: 1080 | HV B3LN: 1080 | Gas: [x] ArCo2 [ ] ArIso | Gap: [x] 3 mm [ ] 5 mm

Well
1780/380
$\alpha = 30°$

$\alpha = 45°$
DRIFT FIELD 0.5 KV/cm

Note:

Date: 7/6 | Start time: 15:12 | Stop time: 15:15 | Run number: 754 | Run type: [x] Pedestal [ ] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 20K | Trigger rate: | B field: Ø | HV tracker: 1080/1110 | HV B3Fe: 1080 | HV B3LN: 1080 | Gas: [x] ArCo2 [ ] ArIso | Gap: [x] 3 mm [ ] 5 mm

Well
1780/380
$\alpha = 0$

$\alpha = 0$
D = 0.5 kV/cm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	15:32	15:59	756	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30559	/	0	1080/1110	1080	1080	[x] ArCo2 [ ] Arlso	[x] 3 mm [ ] 5 mm

GEM: 0.5/3/3/5

Well 1780/3801
2015

hot mapped ←

2=0

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	16:01	16:24	757	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
18690	3700	0	1080/1110	1080	1080	[x] ArCo2 [ ] Arlso	[x] 3 mm [ ] 5 mm

GEM field: 1/3/3/5

Well 1780/3801
2015

not mapped ←

Note: 2=0

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	16:26	16:38	758	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
12637	3600	0	1080/1110	1080	1080	[x] ArCo2 [ ] Arlso	[x] 3 mm [ ] 5 mm

GEM field 1/3/3/5

Well 1780/3801

not mapped ←

2=0

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	16:39	16:42	759	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
21209		Ø	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	[X] 3 mm [ ] 5 mm

GEM field 2/3/3/5

not mapped ← WELL 1780/380

2015

Note: 2=0

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	16:46	17:08	760	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
23592	3600	Ø	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	[X] 3 mm [ ] 5 mm

GEM field 2/3/3/5

not mapped ← well 1780/380

2015

Note: 2=0

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	17:09	17:16	761	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
8772	3200	ϕ	1080/1110	1080	1080	[X] ArCo2 [ ] ArIso	[X] 3 mm [ ] 5 mm

GEM FIELD 2.0/3/3/5

not mapped ← well ~~1780/380~~ 1800/400

2015

Note: 2=0

Date	Start time	Stop time	Run number	Run type:	Beam type:
2/6	17:21	17:49	762	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30469	3100	0	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

$F_{GEM} = 2.5/3/3/5.$ not Map ∈ well off

Note: 2=0

Date	Start time	Stop time	Run number	Run type:	Beam type:
2/6	18:30	18:32	763	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
21456 ~~1088~~		-1	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

not Map ∈ well 1780/380 2015

$F_{GEM} = 0.5/3/3/5$

Note: 2=0

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	18:33	18:55	764	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20 K		-1	1080/1110	1080	1080	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

not Map ∈ well 2015

1780/380

2=0

$F_{GEM} = 0.5/3/3/5$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	18:55	18:56	765	[X] Pedestal [X] Physic	[V] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
5K	1900	-1	1080/1110	1080	1080	[V] ArCo2 [ ] Arlso	[V] 3 mm [ ] 5 mm

hot map ∈ well 2015

FGEM = 1/3/3/5

1280/380

Note: 2=0

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	18:57	19:12	766	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20K	1800	-1	1080/1110	1080	1080	[X] ArCo2 [ ] Arlso	[ ] 3 mm [ ] 5 mm

F_{GEM} = 1/3/3/5

NOT MAP WELL 2015

1780/380

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	19:12		767	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
~5K	2009	-1	1080	1080	1080	[X] ArCo2 [ ] Arlso	[X] 3 mm [ ] 5 mm

F_{GEM} = 2/3/3/5

NOT MAP WELL 2015

1780/380

CLOSED BY RICCARDO

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
7/6	19:20	19:31	768	☐ Pedestal ☒ Physic		☒ Muon ☐ Pion ☐ Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
11801	1900	-1	1080/1110	1080	1080	☒ ArCo2 ☐ Arlso	
						Gap:	☒ 3 mm ☐ 5 mm

$F_{GEM} = 2/3/3/5$

MAPPED WELL 2015
1480/880

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
				☐ Pedestal ☐ Physic		☐ Muon ☐ Pion ☐ Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
						☐ ArCo2 ☐ Arlso	
						Gap:	☐ 3 mm ☐ 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
9/6	23.15	23.18	769	☒ Pedestal ☐ Physic		☒ Muon ☐ Pion ☐ Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
82748	\	0	1080/1110	850	880	☐ ArCo2 ☒ Arlso	
						Gap:	☒ 3 mm ☐ 5 mm

FIRST RUN IN AR/150

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	23:20	23:21	770	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
6	—	0	1080/1110	850	850	[X] ArCo2 [X] Arlso	[X] 3 mm [ ] 5 mm

(TEST RUN)
BAD
BEAM CLOSED

WELL 2015
1780/380

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	23:22	23:27	771	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
~5K	~~1200~~	0	1080/1110	850	850	[ ] ArCo2 [X] Arlso	[X] 3 mm [ ] 5 mm

TEST RUN

WELL 2015
1780/380

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
7/6	23:30	23:33	772	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off
	23:40	23:43	~~776~~		

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
24338	—	0	1080/1110	850	850	[ ] ArCo2 [X] Arlso	[X] 3 mm [ ] 5 mm
~~20240~~							

CHANGE CONFIGURATION FILE IN ~~772~~

WELL 2015
1780/380

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
7/6	23:43	00:01	777	[ ] Pedestal [x] Physic		[x] Muon [ ] Pion [ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
30099	3480	0	1080/1140	~~850~~	850	[ ] ArCo2 [x] ArIso	

Gap: [x] 3 mm [ ] 5 mm

WELL 2015
1780/380

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
8/6	0.19	0.72	778	[x] Pedestal [ ] Physic		[x] Muon [ ] Pion [ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
20020	/	1	1080/1100	850	~~850~~ 850	[ ] ArCo2 [x] ArIso	

Gap: [x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
8/6	0.23	0.42	779	[ ] Pedestal [x] Physic		[x] Muon [ ] Pion [ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
30644	1950	1	1080/1110	850	~~850~~ 850	[ ] ArCo2 [x] ArIso	

Gap: [x] 3 mm [ ] 5 mm

WELL 2015
1800/400

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
8/6	0.44	1.03	780	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
31238	3010	1	1080/1110	835	835	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

WELL 15
1760/380

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
8/6	1.05	01:30	781	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
39183	2940	1	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

WELL 15
1760/360

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
8/6	01:38	01:57	782	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
37245	3113	1	1080/1140	805	805	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

WELL 15
1750/350

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
8/6	02:01	02:20	784	[ ] Pedestal		[X] Muon	
				[X] Physic		[ ] Pion	
						[ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
32380	3111	+1	1080/1110	790	790	[ ] ArCo2	
						[X] ArIso	
						Gap:	[X] 3 mm
							[ ] 5 mm

WELL 15
1740/340

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
8/6	02:23	02:44	785	[ ] Pedestal		[X] Muon	
				[X] Physic		[ ] Pion	
						[ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
33898	3059	+1	1080/1110	775	775	[ ] ArCo2	
						[X] ArIso	
						Gap:	[X] 3 mm
							[ ] 5 mm

WELL 15
1720/320

Note:

Date	Start time	Stop time	Run number	Run type:		Beam type:	
08/06	02:48	03:10	786	[ ] Pedestal		[X] Muon	
				[X] Physic		[ ] Pion	
						[ ] Beam Off	

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
36368		+1	1080/1110	760	760	[ ] ArCo2	
						[X] ArIso	
						Gap:	[X] 3 mm
							[ ] 5 mm

WELL 15
1700/300

Note:

DATE	tstart	tstop	#Run	PED	BEAM: MUON
8/6	8:47	8:54	787	PED [X] PHY [ ]	

#EVENT	RATE	B	HV tck	HV B3Fe	HV B3LN	GAS [ ] ArCO2 [X] ArIso
20 K		0	1080/1110	850	850	GAP = 3 mm

WELL 15
1820/420

DATE	tstart	tstop	#Run	PED	BEAM: MUON
8/6	8:56	9:16	788	PED [ ] PHY [X]	

#Evt	RATE	B	HV tck	HV B3Fe	HV B3LN	GAS [ ] ArCO2 [X] ArIso
30787	5000	Ø	1080/1110	850	850	GAP= 3mm

WELL 15
1820/420

DATE	tstart	tstop	#Run	PED	BEAM: MUON
8/6	9:20	9:43	789	PED [ ] PHY [X]	

#Evt	RATE	B	HV tck	HV B3Fe	HV B3LN	GAS [ ] ArCO2 [X] ArIso
36 K	5000	Ø	1080/1110	835	835	GAP= 3mm

WELL 15
1840/440

"a seguito di una scarica
(ho)
tra APV delle WELL sembra morto"
ma poi dopo un po si riprende

DATA	tstart	tstop	#RUN	PED PHY	BEAM: MUON
8/6	9:43	10:00	790	[X]	

#EVE	RATE	B	HV TRK	HV B3Fe	HV B3LN	GAS
20070	5000	Ø	1080/1110	820	820	[ ] ArCO2 [X] ArIso

Gap = 3mm

WELL 15

1800/400

DATA	tstart	tstop	#RUN	PED PHY	BEAM: MUON
8/6	11:01	11:04	791	[X]	

#Evt	RATE	B	HV TRK	HV B3Fe	HV B3LN	GAS
20556	/	Ø	1080/1110	805	805	[ ] ArCO [X] ArIso

Gap = 3mm

APV Bottom Card disconnected (floating)

WELL 15

1860/460

DATA	tstart	tstop	#RUN	PED PHY	BEAM: MUON
8/6	11:08		793	[X]	

#Evt	RATE	B	HV TRK	HV B3Fe	HV B3LN	GAS
		Ø	1080/1110	805	805	[ ] ArCO2 [X] ArIso

Gap = 3mm

Bottom Card APV disconnected

WELL 15

1860/460

DATE	tstart	tstop	#RUN	PED PHY	BEAM: MUON
8/6	11:10	/	794	[X]	

#Evt	RATE	B	HV TRK	HV B3Fe	HV B3LN	GAS
24404		0	1080/1110	805	805	[ ] Ar-CO2 [X] Ar Iso

Gap = 3mm

WELL 15

1860 - 460

— bottom card disconnected

DATE	tstart	tstop	#RUN	PED PHY	BEAM: MUON
8/6	11 11	12:10	795	[X]	

#Evt	RATE	B	HV TRK	HV B3Fe	HV B3LN	GAS
39996	4800	0	1080/1110	805	805	[ ] Ar-CO2 [X] Ar Iso

WELL 15

1860 / 460

bottom card disconnected

DATE	tstart	tstop	#RUN	PED PHY	BEAM: MUON
8/6	12:14	12:18	796	[X]	

#Evt	RATE	B	HV TRK	HV B3Fe	HV B3LN 805	GAS
38 k		0	1080/1110	805		[ ] Ar-CO2 [ ] Ar Iso

WELL 15

1860 / 460

UP CARD APV DISCONNECTED

BOTTOM CARD APV CONNECTED AND CHANGED THE HAB

DATE	tstart	tstop	#RUN	PED PHY	BEAM: MUON
8/6	12:19	14:04	797	X	

# Eot	RATE	B	HV TRK	HV B3Fe	HV B3LN	Gas	ArCo2 / ArIso
30438	3400	Ø	1080/1110	790	790	X	Gap = 3mm

WELL 15

1860 / 460

DATE	tstart	tstop	#Run	PED PHY.	BEAM: MUON
8/6	14:07	~~798~~ 14:37	798	X	

# Eot	RATE	B	HV TRK	HV B3Fe	HV B3LN	Gas	ArCO2 / ArIso
32783	~3.000	Ø	1080/1110	775	775	X	Gap = 3mm

WELL 15

1860/460

DATE	tstart	tstop	#RUN	PED PHY	BEAM: MUON
8/6	14:39	15.46	799	X	

# Eot	RATE	B	HV TRK	HV B3Fe	HV B3LN	Gas	ArCO2 / ArIso
106258	3062	Ø	1080/1110	760	760	X	Gap = 3mm

Well 15

1860/460

START B SCAN

DATE	Tstart	Tstop	NRUN	PED PHY	BEAM
8/6	15.59	16.01	800		MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	Ar/CO_2 Ar ISO
12681	\	0.25	1080 1110	820	820	WELL 15 1860/460

DATE	Tstart	Tstop	NRUN	PED PHY	BEAM
8/6	16.01	16:22	801		MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	Ar/CO_2 Ar ISO
30338	4150	0.25	1080 1110	820	820	WELL 15 1860/460

DATE	Tstart	Tstop	NRUN	PED PHY	BEAM
8/6	16:26	16:29	802		MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	Ar/CO_2 Ar ISO
20301	/	0.5	1080/ 1110	820	820	WELL 1860/460

DATE	Tstart	Tstop	NRUN		BEAM
8/6	16:36	17:02	803	☒ PED ☐ PHY	MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	
30599	2314	0.5	1080/1110	820	820	☒ $ArCO_2$ ☐ ArISO

WELL 1860/460

DATE	Tstart	Tstop	NRUN		BEAM
8/6	17:07	17:10	804	☒ PED ☐ PHY	MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	
21026		0.75	1080/1110	820	820	☐ $ArCO_2$ ☒ ArISO

WELL 2015
1860/460

DATE	Tstart	Tstop	NRUN		BEAM
8/6	17:10	17:38	805	☐ PED ☒ PHY	MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	
32368	2927	0.75	1080/1110	820	820	☐ $ArCO_2$ ☒ ArISO

WELL 2015
1860/460

DATE	Tstart	Tstop	N RUN		BEAM:
8/6	17:43	17:46	806	☒ PED ☐ PHY	MUON

#EVT	TRIGGER	B	HV_{TK}	HV_{FE}	HV_{BSIN}	☐ $ArCO_2$ ☒ ArISO
20230	/	+1	1080/1110	820	820	

WELL
1860/460

DATE	Tstart	Tstop	N RUN		BEAM
8/6	17:47	18:13	807	☐ PED ☒ PHY	MUON

#EVT	TRIGGER	B	HV_{TK}	HV_{FE}	HV_{BSIN}	☐ $ArCO_2$ ☒ ArISO
30328	2868	+1	1080/1110	820	820	

WELL
1860/460

DATE	Tstart	Tstop	N RUN		BEAM
8/6	18:31	18:33	808	☒ PED ☐ PHY	MUON

#EVT	TRIGGER	B	HV_{TK}	HV_{FE}	HV_{BSIN}	☐ $ArCO_2$ ☒ ArISO
21277	—	-0.25	1080/1110	820	820	

WELL
OFF

DATE	Tstart	Tstop	NRUN	PED / PHY	BEAM
8/6	18:37	19:03	809	[X] PED	MUON

NEVENT	TRIGGER	B	HV_{TK}	HV_{FE}	HV_{BSIN}	Ar/CO_2 / ArISO
30256		-0.25	1080/1110	820	820	[X] ArISO

WELL 1860/460

DATE	Tstart	Tstop	NRUN	PED / PHY	BEAM
8/6	19:08	19:12	810	[X] PHY	MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	Ar/CO_2 / ArISO
22648	/	-0.5	1080/1110	820	820	[X] ArISO

WELL 1860/460

DATE	Tstart	Tstop	NRUN	PED / PHY	BEAM
8/6	19:12	19:40	811	[X] PHY	MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	Ar/CO_2 / ArISO
30289	2907	-0.5	1080/1110	820	820	[X] ArISO

WELL 1860/460

DATE	Tstart	Tstop	NRUN		BEAM TMUON
8/6	19:48	19:51	812	☒ PED ☐ PHY	

NEVENT	Trigger	B	HVTK	HVFE	HVBSIN	GAS ☐ ArCO2 ☒ ArIso
20754	/	-0.75	1080/ 1110	820	820	

WELL 1860/460

DATE	Tstart	Tstop	NRUN		BEAM MUON
8/6	19:52	20:21	813	☐ PED ☒ PHY	

#EVT	TRIGGER	B	HVTK	HVFE	HVBSIN	GAS ☐ ArCO2 ☒ ArIso
29 K	2139	-0.75	1080/ 1110	820	820	

WELL 1860/460

DATE	Tstart	Tstop	NRUN		BEAM MUON
8/6	20.23		814	☒ PED ☐ PHY	

#EVT	TRIGGER	B	HVTK	HVFE	HVBSIN	☐ ArCO2 ☒ ArIso
6K	\	-1	1080 1110	820	820	

WELL. 1860/460

DATE	Tstart	Tstop	NRUN	PED / PHY	BEAM
8/6	20.24	22:34	815	PHY	MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	$ArCO_2$ / ArISO
129064	1000	~	1080 1110	820	820	

WELL 1860/460

DATE	Tstart	Tstop	NRUN	PED / PHY	BEAM
8/6	23.07	23:12	816	PHY	PION

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	$ArCO_2$ / ArISO
29K		0	1080/1110	0	0	

WELL 2015 GROUNDED WITH SPECIAL CONNECTOR

CONNECTED WELL 2014 WITH APV

DATE	Tstart	Tstop	NRUN	PED / PHY	BEAM
8/6	23:19		817	PHY	PION

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{BSIN}	$ArCO_2$ / ArISO
	$766*10^3$ / spill	0				

TRK0 ≃ 22 nA

TRS = 20 nA

TRI = 10 nA

TRB ≃ 1 nA

DATE	Tstart	Tstop	NRUN		BEAM
09/06	09:14	09:36	828	☒ PED ☐ PHT	MUONS

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{B3IN}	
~~19496~~ 30 k	3844	1	~~1080~~/1110	820	820	☒ $ArCO_2$ $ArCO_2$

$\alpha = 10°$

OK

WELL 14
$ArCO_2$, $\alpha = 5°$
800/500

DATE	Tstart	Tstop	NRUN		BEAM
09/06	09:38	09:41	829	☒ PED ☐ PHT	MUONS

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{B3IN}	
21110	/	0	~~1080~~/1110	820	820	☐ $ArCO_2$ ☒ $ArCO_2$

$\alpha = 10°$

OK

WELL 14
$ArCO_2$, $\alpha = 5°$
800/500

DATE	Tstart	Tstop	NRUN		BEAM
09/06	09:48	09:50	832	NO ☒ PED ☐ PHT	MUONS

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{B3IN}	
19162	/	0	~~1080~~/1110	820	820	☐ $ArCO_2$ ☒ $ArCO_2$

$\alpha = 10°$

OK

WELL 14
$ArCO_2$, $\alpha = 5°$
800/500

DATE	Tstart	Tstop	NRUN	PED	BEAM
09/06	08:57	08:59	825	[X] PHY	MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{B3N}	
16760	/	1	1080/1110	820	820	[X] $ArCO_2$ / [ ] ArISO

$\alpha = 10°$ BAD GEM OFF

OK WELL 14 $ArCO_2$, $\alpha = 5°$ 800/500

DATE	Tstart	Tstop	NRUN	PED	BEAM
09/06	09:00	09:01	826	[X] PHY	MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{B3N}	
	2830	1	1080/1110	820	820	[ ] $ArCO_2$ / [X] ArISO

$\alpha = 10°$ BAD GEM OFF

OK WELL 14 $ArCO_2$ / $\alpha = 5°$ 800/500

DATE	Tstart	Tstop	NRUN	PED	BEAM
09/06	09:12	09:15	827	[X] PHY	MUON

#EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{B3N}	
19476	/	1	1080/1110	820	820	[X] $ArCO_2$ / [ ] ArISO

$\alpha = 10°$

OK WELL 14 $ArCO_2$ / $\alpha = 5°$ 800/500

DATE	tstart	tstop	NRUN	PED	PHY	BEAM MUONS
09/06	09:53	10:15	833		X	GAP = 3 mm

# EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{LW}	$ArCO_2$	ArIso
30695	2641	0	1080/1110	820	820		X

$\alpha = 10°$

OK

WELL $ArCO_2$ 800/500 $\alpha = 5°$

DATE	tstart	tstop	NRUN	PED	PHY	BEAM MUONS
09/06	10:36	10:39	834	X		GAP = 3 mm

# EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{LW}	$ArCO_2$	ArIso
19933	/	-1	1080/1110	820	820		X

$\alpha = 10°$

OK

WELL $ArCO_2$ 800/500 $\alpha = 5°$

DATE	tstart	tstop	NRUN	PED	PHY	BEAM MUONS
09/06	10:40	11:11	835	X		GAP = 3 mm

# EVT	TRG	B	HV_{TK}	HV_{FE}	HV_{LW}	$ArCO_2$	ArIso
30193	1550	-1	1080/1110	820	820		X

$\alpha = 10°$

OK

WELL $ArCO_2$ 800/500 $\alpha = 5°$

DATE	tstart	tstop	Nrun	PED / PHY	BEAM
8/6	13.41	13.45	836	~~PED~~ PHY	MUONS

Gap = 3mm

#Evt	TRG	B	HV_TRK	HV_FE	HV_LN	ArCO2 / ArIso
20 K	/	~~Ø~~	1080/1110	820 ~~1080~~	820 ~~1080~~	ArIso

$\alpha = 20°$

OK

WELL

ArCO2, $\alpha = 10°$

800/500 2014

DATE	tstart	tstop	N RUN	PED / PHY	BEAM
8/6	13.47	14.16	~~838~~	PHY	MUON

Gap = 3mm

#Evt	TRG	B	HV_TRK	HV_FE	HV_LN	ArCO2 / ArIso
30152	3200	Ø	1080/1110	820	820	ArIso

$\alpha = 20°$

OK

WELL 14 $\alpha = 10°$

800/500

DATE	tstart	tstop	Nrun	PED / PHY	BEAM
8/6	14.34	14.35	839	PHY	MUON

Gap = 3mm

#Evt	TRG	B	HV_TRK	HV_FE	HV_LN	ArCO2 / ArIso
20259	/	1	1080/1110	820	820	ArIso

$\alpha = 20°$

OK

WELL 2 = 10°

WELL 14 800/500

DATE	tstart	tstop	Nrun	PED / PHY	BEAM
9/6	14:38	15:12	840	☐ / ☒	MUON

D = 3mm

#Evt	TRG	B	HV_TRK	HV_FE	HV_LN	ArCO2 / ArIso
40127	2050	1	1080 1110	820	820	☐ / ☒

WELL 800/500

α = 10°

OK

α = 20°

DATE	tstart	tstop	Nrun	PED / PHY	BEAM
9/6	15:29	15:34	841	☒ / ☐	MUON

D = 3mm

#Evt	TRG	B	HV_TRK	HV_FE	HV_LN	ArCO2 / ArIso
20K	/	-1	1080/1110	820	820	☐ / ☒

14

WELL 800/500

α = 10°

OK

α = 20°

DATE	tstart	tstop	Nrun	PED / PHY	BEAM
9/6	15:35	16:07	842	☒ / ☐	MUON

D = 3mm

#Evt	TRG count	B	HV_TRK	HV_FE	HV_LN	ArCO2 / ArIso
32276	~~47086~~ (?)	-1	1080/1110	820	820	☐ / ☒

14

WELL 800/500

α = 10°

OK

α = 20°

DATE	tstart	tstop	Nrun	PED / PHY	BEAM
8/6	18.57	19.00	843		MUON Gap=3mm

#Evt	TRG	B	HV TRK	HV FE	HV LN	ArCO2 / Ar Iso
23K	\	+1	1080 1110	820	820	Ar Iso

α=30

??

α = 20°

DATE	tstart	tstop	Nrun	PED / PHY	BEAM
9/6	19.00	19.02	844		μ

#Evt	TRG	B	HV TRK	HV FE	HV LN	ArCO2 / Ar Iso
9291	2000	1	1080 1110	820	820	Ar Iso

α = 30

30 % beam outside

??

WELL 2014 800/500

α_W = 20°

DATE	tstart	tstop	Nrun	PED / PHY	BEAM
9/6	19.03	19.38	845	PHY	

#Evt	TRG	B	HV TRK	HV FE	HV LN	ArCO2 / Ar Iso
37968	2000	1				Ar Iso

WELL 2014 800/500

??

α_{well} = 20°

30 % beam out

Date	Start time	Stop time	Run number	Run type:	Beam type:
9/6	19:42	19:45	846	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
26519	✓	0	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

well 2014 800/500
?? $\alpha = 20^\circ$

Note: $\alpha = 30^\circ$

Date	Start time	Stop time	Run number	Run type:	Beam type:
9/6	19:46	20:27	847	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
45049	3000	0	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

well 2014 800/500
?? $\alpha = 20^\circ$

Note: $\alpha = 30^\circ$

Date	Start time	Stop time	Run number	Run type:	Beam type:
9/6	20:45	20:48	848	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
24913		-1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [X] 5 mm

well 2014 800/500
?? $\alpha = 20^\circ$

Note: $\alpha = 30$

Date	Start time	Stop time	Run number	Run type:	Beam type:
9/6	20:48	21.26	849	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
55k8	3200	-1	1080/1110	820	820	[X] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

⚠ WELL TRIPPED BEFORE THE BEGINNING OF THE RUN

Note: $\alpha = 30^\circ$

WELL 800/800

$\alpha = 20^\circ$

Date	Start time	Stop time	Run number	Run type:	Beam type:
9/6	22:30	22:32	851	[X] Pedestal [ ] Physic	[ ] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20K	/	1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

$\alpha = 45^\circ$

Note:

WELL 780/680

$\alpha_W = 30^\circ$ / 20°

Date	Start time	Stop time	Run number	Run type:	Beam type:
9/6	22:33	23:32	852	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
65K	/	1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Fascio fuori del 50%, prendiamo il doppio della statistica

$\alpha = 45^\circ$

Note:

WELL 780/680

$\alpha_W = 300$ / 20°

Date: 9/6 | Start time: 23:32 | Stop time: 23:35 | Run number: 853 | Run type: [X] Pedestal [ ] Physic | Beam type: [X] Muon [ ] Pion [ ] Beam Off

Event Number: 23934 | Trigger rate: / | B field: Ø | HV tracker: 1080/1110 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [X] ArIso | Gap: [X] 3 mm [ ] 5 mm

Note: $\alpha = 45°$

WELL 780/480
$\alpha_W = 30° \; 20°$

Date: 9/6 | Start time: 23:36 | Stop time: 0:04 | Run number: 854 | Run type: [ ] Pedestal [X] Physic | Beam type: [X] Muon [ ] Pion [ ] Beam Off

Event Number: 60092 | Trigger rate: / | B field: Ø | HV tracker: 1080/1110 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [X] ArIso | Gap: [X] 3 mm [ ] 5 mm

Beg 3Fe 30 e fuori del fascio

$\alpha = 45°$

Note:

WELL 780/480
$\alpha_W = 30° \; 20°$

Date: 9/6 | Start time: 00:20 | Stop time: 00:23 | Run number: 855 | Run type: [X] Pedestal [ ] Physic | Beam type: [X] Muon [ ] Pion [ ] Beam Off

Event Number: 20201 | Trigger rate: / | B field: -1 | HV tracker: 1080/1110 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [X] ArIso | Gap: [X] 3 mm [ ] 5 mm

$\alpha = 45°$

WELL 780/480
$\alpha_W = 30° \; 20°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	00:25	6:52	856	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
47 855		-1	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

$\alpha_L = 45°$

Well
780/480
$\alpha_W = 30° 20°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
18/6	18.57	19.00	857	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
23168	/	0	1080/1110	820	870	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	19.05	19.04	858	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
3946	4400	0	1080 1110	870	870	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

WELL?

Note:

Date: 10/6 | Start time: 19.10 | Stop time: 19,31 | Run number: 859 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 23362 | Trigger rate: 3900 | B field: 0 | HV tracker: 1080/140 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

Note: dopo interventi RUI WELL 15 1780/380

Date: 10/6 | Start time: 19.50 | Stop time: 20.09 | Run number: 860 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 25800 | Trigger rate: 3500 | B field: 0 | HV tracker: 1080 140 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

Note: dopo interventi RUI WELL 15 1800/400

Date: 10/6 | Start time: 20:12 | Stop time: 20.28 | Run number: 861 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 16214 | Trigger rate: 3400 | B field: Ø | HV tracker: 1080/140 | HV B3Fe: 865 | HV B3LN: 865 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

Note: dopo interventi RUI WELL 15 1520/420

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	20:29	20:47	862	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20012	3500	0	1080/1110	865	865	[x] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Topo cut w. Rui (@ 440 scan'ca) W/ECC 15 1880/430

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	21:04	21:06	863	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
22481	/	+1 ~~1880/430~~	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

15 WELL OFF

Note: B3LN & B3Fe ED = 0.5 KV/cm (Drift field scan)

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	21:07	21:25	864	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30093	3600	+1	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

15 WELL OFF

Note: ~~KS~~ STDT E_{DS} = 0.5 KV/cm

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	21:25	21:43	865	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30273	3500	+1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

15
WELL OFF

Note: STD+ E_{BS} = 0.75 KV/cm

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	21:44	22:02	866	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30086	4000	+1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

15
WELL off

Note: STD+ ED_{BS} = 1.0 KV/cm

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	22:02	22:20	867	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
31397	3500	+1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

15
well off

Note: STD+ ED_{BS} = 1.25 KV/cm

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	22:03	23:22	868	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30081	3500	+1	1080/1110	820	820	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

STDT ED_{BS} = 1.75KV/cm

Note: 15 WELL OFF

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	23:23	23:43	869	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30278	3500	+1	1080/1110	820	820	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

STDT ED_{BS} = 2.0KV/cm

Note: 15 WELL OFF

Date	Start time	Stop time	Run number	Run type:	Beam type:
10/6	23:45	00:15	870	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
31997	3600	+1	1080/1110	820	820	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

STDT ED_{BS} = 2.5 KV/cm

Note: 15 WELL OFF

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	00:07	00:25	871	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30191	4000	+1	1080/1110	820	820	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

15

WELL OFF

Note: STD + E_{TBS} = 3.5kV/cm (induction field scan)

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	00:26	00:44	872	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30178	4000	+1	1080/1110	820	820	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

15

WELL OFF

Note: STD + E_{TBS} = 4.0kV/cm

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	00:45	0:05	873	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
31842	~~4000~~ 3500	+1	1080/1110	820	820	☒ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

15

WELL OFF

Note: STD + E_{TBS} = 4.5kV/cm

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	01:05	01:24	874	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam C

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30178	3600	+1	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note: STD + E_{TBS} = 5.5 KV/cm

WELL 15 OFF

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	01:25	01:51	875	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30445	3400	+1	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note: STD + E_{TBS} = 6.0 KV/cm

WELL 15 OFF

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	9:17	9:28	876	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
84329	—	Ø	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

FIELD 0.5/3/3/5

back to WELL 14

480/480

no beam

HV scan β=0

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	9.29	9.33	877	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30195	—	Ø	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[ ] 3 mm [ ] 5 mm

field : 0.5/3/3/5

Note: still / no beam

WECC 14
780/480
HV scan B=0

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	10:58	11:28	878	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30K	2300 / Then 3500/spill	Ø	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Field : 0.5/3/3/5

WECC 2014
780/680
HV scan B=0

Note: Only 1 spill - 11:22 Two spill

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	11:30	11:47	879	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30K	3600	Ø	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Field 0.5/3/3/5

WECC 2014
770/690
HV scan B=0

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/06	11:48	13 19	880	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
31104	3600	Ø	1080/1110	820	820	[ ] ArCo2 [x] Arlso	[x] 3 mm [ ] 5 mm

Field 1/3/3/5

WELL 2014
760/460
HV SCAN B=0

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	13 21	13:50	881	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30 K	3200	Ø	1080/1110	820	820	[ ] ArCo2 [x] Arlso	[x] 3 mm [ ] 5 mm

Field: 2/3/3/5

WELL 2014
750/450
HV SCAN e B=0

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	13:51	14:10	882	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30K	3240	Ø	1080/1110	820	820	[ ] ArCo2 [x] Arlso	[x] 3 mm [ ] 5 mm

Field 2.5/3/3/5

WELL
760/460
HV SCAN e B=0

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	16:11	16:32	883	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30K	3200	Ø	1080/1110	~~820~~	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Field 1.5/3/3/4

WELL 2014
730/630
HV SCAN e B=0

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	16:34	16:59	884	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30K	3~~1~~127 → 1	Ø	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

1.5/3/3/6

WELL 2014
800/500
HV SCAN e B=0

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
W6	16.07	16.09	885	[X] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
10K	1936	~~Ø~~	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

1° RUN DOPO IL FLIP PIANO TERRA

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	16.09	16.29	886	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam C

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
19K	1700	-1	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

IL 4° trk (TRK3) è molto rumoroso

WEll 14
780/480
$\alpha_W = 0$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	17.45	17.49	887	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
25787	1346	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

780/480
WELL 14

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
~~888~~ 11/6	17.50	17.52	888	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
2996	1500	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

BAD

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	17.52	17.53	890	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
5K	/	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	17.54	18.23	891	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
39193	4000	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

well 14
780/480

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	18.16	18.37	892	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
16669	4000	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

well 14
780/480

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11.6	18.44	15.47	893	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam O

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
4728	4000	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

WELL 14
780/480

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11.6	19.01	19.02	894	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
10234	/	1	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

WELL 14
780/480

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11.6	19.03	19.24	896	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
33932	3362	1	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

WELL 14
780/480

Note:

Date: 11/6 | Start time: 19.28 | Stop time: 19.46 | Run number: 897 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 31856 | Trigger rate: 3180 | B field: 1 | HV tracker: 1080 1110 | HV B3Fe: 875 | HV B3LN: 825 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

GAIN SHARING : 268/278/285 G1 G2 G3

WELL 14 800/500

Note:

Date: 11/6 | Start time: 19.49 | Stop time: 20.11 | Run number: 898 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 32021 | Trigger rate: 3400 | B field: 1 | HV tracker: 1080 1110 | HV B3Fe: 825 | HV B3LN: 825 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

STD + 270/275/280

WELL 14 790/490

Note:

Date: 11/6 | Start time: 20:22 | Stop time: 20:41 | Run number: 899 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 30019 | Trigger rate: 3359 | B field: 1 | HV tracker: 1080/1110 | HV B3Fe: 825 | HV B3LN: 825 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

STD+275/275/275

WELL 14 790/490

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	20:50	21:08	900	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam C

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30017	3700	1	1080/1110	825	825	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

well 4.760/460

Note: 280/275/270

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	21:09	21:28	901	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30287	3538	1	1080/1110	825	825	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

well 4: 750/450

Note: 285/275/265

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	21:42	22:03	902	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
33777	3734	1	1080/1110	835	825	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

HV scan

well 740/440

Note: $S_{HV_{GEM}}$=835 : 280/280/275

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/7	2207	22:25	903	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30771	3900	1	1080/1110	805	805	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

WELL 14 730/430

Note: STD + $S_{HV_{96m}}$ 805 : 270/270/265

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/7	22:28	22:46	904	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30056	3800	1	1080/1110	790	790	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

WELL 14 720/420

Note: STD + $S_{HV_{96m}}$ 790 : 265/265/260

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/7	22:48	23:22	905	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
56304	3800	1	1080/1110	825	825	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

WELL 14 710/410

Note: 290/270/265

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	23:50	23:53	906	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam O

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20K	/	0	1080/1110	835	837	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

WELL14 580/480

$\alpha_w = 30°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
11/6	23:53	00:11	907	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30980	4800	0	1080/1110	835	835	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

WELL14 580/480

$\alpha_w = 30°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	00:12	00:30	908	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30003	4000	0	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

WELL14 680/480

$\alpha_w = 30°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	00:30	00:48	909	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30460	4100	0	1080/1110	805	805	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

WELL14 = 780/480

α_w = 30°

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	00:49	01:07	910	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
31289	5000	0	1080/1110	790	790	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

WELL14 = 880/480

α_w = 30°

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	01:08	01:26	911	☐ Pedestal ☒ Physic	☒ Muon ☐ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30462	5000	0	1080/1110	775	775	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

WELL14 = 980/480

α_w = 30

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:	Gas:	Gap:
12/6	01:27	01:52	912	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN
31460	3900	0	1080/1110	850	850

Well 14 780/480

$\alpha_w = 30^\circ$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:	Gas:	Gap:
12/6	02:06	02:08	913	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN
20K	/	+1	1080/1110	850	850

Well 14 780/480

$\alpha_w = 30^\circ$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:	Gas:	Gap:
12/6	02:13	02:31	914	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off	[ ] ArCo2 [ ] ArIso	[ ] 3 mm [ ] 5 mm

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN
30260	4100	+1	1080/1110	850	850

WELL 14

780/480

$\alpha_w = 30^\circ$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	9.01	9.03	915	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
11186	/	-1	1080 1110	850	850	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

WELL 14
780/480

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	9.03	9.30	916	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
26378	2100	-1	1090 1110	850	850	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

WELL 14
780/480

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	9.52	9.54	817	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
13785	/	1	1090 1110	865	825 285/285/265	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

LN : 0.5 / 3.5 / 3.5 / 5

EB : HV SCAN

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	9.55	10.27	919	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam C

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
302864	2680	1	1080 1110	865	825 285/275/265		[ ] ArCo2 [x] ArIso
						Gap:	[x] 3 mm [ ] 5 mm

LNF : 0,5/3.5/3.5/5

FE : HV scan

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	10.28	10.54	920	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
30086	2800	1	1080 1110	845	825 285/275/265		[ ] ArCo2 [x] ArIso
						Gap:	[x] 3 mm [ ] 5 mm

LNF: 0.75/3.5/3.5/5

WELL OFF

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	10.58	11.28	921	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
31483	2850	1	1080 1110	825	825 285/275/265		[ ] ArCo2 [x] ArIso
						Gap:	[x] 3 mm [ ] 5 mm

LNF : 1/3.5/3.5/5

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	11.18	11.57	922	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
32368	2615	1	1080 1110	810	825 285/275/265		[ ] ArCo2 [x] ArIso
						Gap:	[x] 3 mm [ ] 5 mm

LNF : 1,8/3,5/3,5/5

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	11.59	12:28	923	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
30937	2600	1	1080 1110	795	825 285/275/265		[ ] ArCo2 [x] ArIso
						Gap:	[x] 3 mm [ ] 5 mm

LNF : 1,75/3,5/3,5/5

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	13.50	14:15	924	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	
30027	3280	1	1080/1110	780	825 285/275/265		[ ] ArCo2 [x] ArIso
						Gap:	[x] 3 mm [ ] 5 mm

LNF : 2.0/3.5/3.5/5

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	14:18	14:55	925	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
43244	3300	1	1080/1110	815 275/275/265	825 285/275/265	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note: LNF 2.5/3.5/3.5/5

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	16:29	16:31	926	[x] Pedestal [ ] Physic	[ ] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20K	/	1.25	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	16:32	16:55	927	[ ] Pedestal [x] Physic	[ ] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
23329	15K	1.25	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note: uncorrect beam file

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	17:06	17:27	928	[X] Pedestal [X] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30321	$2.5 \cdot 10^5$	1.25	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	17:48	17:49	929	[X] Pedestal [X] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
12392	/	0	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	17:51	18:18	930	[ ] Pedestal [X] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
35852	314985	0	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	18:22	18:24	931	[X] Pedestal [ ] Physic	[ ] Muon [X] Pion [ ] Beam C

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
12931	/	0.25	1080/1110	820	820	[ ] ArCo2 [X] Arlso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	18:26	18:47	934	[ ] Pedestal [X] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30371	2.7×10^5	0.25	1080/1110	820	820	[ ] ArCo2 [X] Arlso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	18:51	18:53	935	[X] Pedestal [X] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
14046	/	0.5	1080/1110	820	820	[ ] ArCo2 [X] Arlso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	18:53	19:22	936	☐ Pedestal ☒ Physic	☐ Muon ☒ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30399	288468	0.5	1080/1110	820	820	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	19:27	19:29	937	☒ Pedestal ☐ Physic	☐ Muon ☒ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
13135	✓	0.75	1080/1110	820	820	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	19:29	19:52	938	☐ Pedestal ☒ Physic	☐ Muon ☒ Pion ☐ Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30442	2.9×10^5	0.75	1080/1110	820	820	☐ ArCo2 ☒ ArIso	☒ 3 mm ☐ 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	19:56	19:58	939	[X] Pedestal [ ] Physic	[ ] Muon [X] Pion [ ] Beam

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
15425	—	+1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	19:59	20:22	941	[ ] Pedestal [X] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
31639	2.8×10^5	+1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
12/6	20:36	20:39	942	[X] Pedestal [ ] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
16965	~~2.9×10^5~~	−0,25T	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note: LAST RUN BEFORE BEAM STOP. WE LEFT AT 00:30
LINAC RF PROBLEM EXPERT WORKING NO TIME EXTIMATED

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	09:07	09:09	943	[x] Pedestal [x] Physic	[ ] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
19844	/	-0.25	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	09:10	09:26	944	[ ] Pedestal [x] Physic	[ ] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30570	2.9×10^5	-0.25	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	09:30	09:32	945	[x] Pedestal [ ] Physic	[ ] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
15349	/	-0.5	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	09:34	09:54	946	[ ] Pedestal [x] Physic	[ ] Muon [x] Pion [ ] Beam

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30996	2.8×10^5	−0.5	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	09:58	10:00	947	[x] Pedestal [ ] Physic	[ ] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
15327	/	−0.75	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	10:01	10:23	948	[ ] Pedestal [x] Physic	[ ] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30028		−0.75	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	10:32	10:34	949	[X] Pedestal [ ] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
15686	/	-1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	10:34	10:57	950	[ ] Pedestal [X] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30539	(2.10^5) 93797	-1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	11:01	11:03	951	[X] Pedestal [ ] Physic	[ ] Muon [X] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
15551	/	-1.25	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	11:04	11:20	952	[ ] Pedestal [x] Physic	[ ] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
30909	~~1.25~~	-1.25	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	11:57		953	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
52204		0	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

contaminato con pioni

BAD

Note: $\alpha = 45°$ Drift Scan $E_D = 0.5$ kV/cm + STD.

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6			954	[x] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
		0	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

contaminato con pioni

BAD

Note: $\alpha = 45°$

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	13.13	13.14	956	[x] Pedestal [ ] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
5K	/	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

$\alpha \sim 48°$

contaminato con muoni

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
			955	[ ] Pedestal [x] Physic	[ ] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
						[ ] ArCo2 [ ] ArIso	[ ] 3 mm [ ] 5 mm

BAD No Trackers

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	13.16		957	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
3K	~~37~~ 108	1	1080 1110	820	820	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

BAD Beam è fuori

$\alpha \sim 45°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	13.36	13,37	958	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
1200	35000	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

Beam non perfettamente centrato ma é il miglior compromesso.

$\alpha = 45^\circ$

contaminato con pioni

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	13.37	14.05	959	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
50848	3253	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 45^\circ$

0.5 / 3 / 3 / 5

contaminato con pioni

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	14.06	14.46	960	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
51340	$61 \cdot 10^3$	0	1080 1110	820	820	[x] ArCo2 [ ] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 45^\circ$

0.75 / 3 / 3 / 5

Contaminato con pioni

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	14.45	15:17	961	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
52744	$33 \cdot 10^3$	0	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 45°$
1/3/3/5

contaminato con pioni

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	15:20	15:47	962	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
10252	$48 \cdot 10^3$	0	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

contaminato con pioni

$\alpha = 45°$
2/3/3/5

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	15:48	16:16	963	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
50298	$42 \cdot 10^3$	0	1080/1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

contaminato con pioni

$\alpha = 45°$
2,5/3/3/5

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	16:31	16:33	964	[X] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
15341	/	1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

bad

$\alpha = 45^\circ$

2,5/3/3/5

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	16:34		965	[ ] Pedestal [X] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
		1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

bad

$\alpha = 45^\circ$

Note: 2,5/3/3,5

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	16:37	16:40	967	[X] Pedestal [ ] Physic	[X] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
16701	/	1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Bad

Note:

Date: 13/6 | Start time: ~~16:40~~ 16:41 | Stop time: 16:43 | Run number: 968 | Run type: [x] Pedestal [ ] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 15387 | Trigger rate: / | B field: 1 | HV tracker: 1080/1110 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

Note: $\alpha = 45^\circ$ 2,5/3/3/5 contaminato con pioni

Date: 13/6 | Start time: 16:46 | Stop time: 17.06 | Run number: 969 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: | Trigger rate: $33 \cdot 10^3$ | B field: 1 | HV tracker: 1080/1110 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

BAD

$\alpha = 45^\circ$ 2,5/3/3/5

Note:

Date: 13/6 | Start time: 17.06 | Stop time: | Run number: 970 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 1000 | Trigger rate: | B field: 1 | HV tracker: 1090 1110 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

BAD

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	17.08	17.09	971	[x] Pedestal [ ] Physic	[ ] Muon [ ] Pion [ ] Beam

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
5K		1	1090 1110	820	820	[ ] ArCo2 [ ] ArIso	[ ] 3 mm [ ] 5 mm

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	17.09	17.26	972	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
25K	$3 \cdot 10^4$	1	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

2.5/3/3/5

$\alpha = 45^\circ$

contaminato con pioni

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	17.27	17.47	973	[ ] Pedestal [x] Physic	[x] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
2434	$26 \cdot 10^3$	1	1090 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

0.5/3/3/5

$\alpha = 45^\circ$

contaminato con pioni

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	18:29	18:28	974	[X] Pedestal [ ] Physic	[ ] Muon [ ] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
5178	/	-1	1080/1110	820	820	[ ] ArCo2 [X] ArIso	[X] 3 mm [ ] 5 mm

Note: hot Bz=-1

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	18:30	18.31	975	[X] Pedestal [ ] Physic	[?] Muon [ ] Pion ✓ [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
5261	$2.7 \cdot 10^3$	-1	1080/1110	820	820	[ ] ArCo2 [ ] ArIso	[ ] 3 mm [ ] 5 mm

$\alpha = 45°$

0.5/3/3/5

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	18:32	18:43	976	[ ] Pedestal [X] Physic	[?] Muon [ ] Pion ✓ [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
2028	$2.7 \cdot 10^3$	-1	1080/1110	820	820	[ ] ArCo2 [ ] ArIso	[ ] 3 mm [ ] 5 mm

0.5/3/3/5

$\alpha = 45°$

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	18.44	18.55	977	[ ] Pedestal [x] Physic	[x] Muon [x] Pion [ ] Beam

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
19483	$2.7 \cdot 10^3$	-1	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 45^\circ$

0.75 13/3/15

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	18.55	19.06	978	[ ] Pedestal [x] Physic	[x] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20076	10^4	-1	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 45^\circ$

1/3/3/5

Note:

Date	Start time	Stop time	Run number	Run type:	Beam type:
13/6	19.06	19.18	979	[ ] Pedestal [x] Physic	[x] Muon [x] Pion [ ] Beam Off

Event Number	Trigger rate	B field	HV tracker	HV B3Fe	HV B3LN	Gas:	Gap:
20203	10^4	-1	1080 1110	820	820	[ ] ArCo2 [x] ArIso	[x] 3 mm [ ] 5 mm

$\alpha = 45$

2/3/3/5

Note:

Date: 13/6 | Start time: 19.34 | Stop time: 19.35 | Run number: 980 | Run type: [x] Pedestal [ ] Physic | Beam type: [x] Muon [x] Pion [ ] Beam Off

Event Number: 5202 | Trigger rate: / | B field: 1 | HV tracker: W80 1140 | HV B3Fe: 870 | HV B3LN: 870 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

α 345°

e/π/μ/p

BAD

Note:

Date: 13/6 | Start time: 19.35 | Stop time: 19.41 | Run number: 981 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [x] Pion [ ] Beam Off

Event Number: 15K | Trigger rate: 164 | B field: 1 | HV tracker: W80 1140 | HV B3Fe: 820 | HV B3LN: 870 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

BAD

Note:

Date: 13/6 | Start time: 19.45 | Stop time: | Run number: 982 → BAD; 983 → Good | Run type: [x] Pedestal [ ] Physic | Beam type: [x] Muon [x] Pion [ ] Beam Off

Event Number: 5K | Trigger rate: / | B field: 1 | HV tracker: 1180 1140 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

Note:

Date: 13/6 | Start time: 19.50 | Stop time: 20.07 | Run number: 986 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [x] Pion [ ] Beam

Event Number: 30K | Trigger rate: 4.10^4 | B field: 1 | HV tracker: 1080 / 1110 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [ ] ArIso | Gap: [ ] 3 mm [ ] 5 mm

$\alpha = 45^\circ$

2/3/3/5

Note:

Date: 13/6 | Start time: 20.08 | Stop time: 20.36 | Run number: 987 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [x] Pion [ ] Beam Off

Event Number: 51104 | Trigger rate: 10^4 | B field: 1 | HV tracker: 1080 / 1110 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

$\alpha = 45$

0.75/3/3/5

Note:

Date: 13/6 | Start time: 20.38 | Stop time: 21.00 | Run number: 988 | Run type: [ ] Pedestal [x] Physic | Beam type: [x] Muon [ ] Pion [ ] Beam Off

Event Number: 42339 | Trigger rate: 10^4 | B field: 1 | HV tracker: 1080/1110 | HV B3Fe: 820 | HV B3LN: 820 | Gas: [ ] ArCo2 [x] ArIso | Gap: [x] 3 mm [ ] 5 mm

$\alpha = 45^\circ$

1/3/3/5

Note: