X. Buffat, A. Fornara, S. Kostoglou, G. Sterbini , D. Valuch

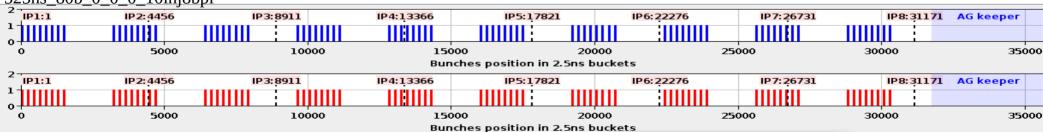
## Steps to be taken during MD

- Test the ADT setup at injection (Just added to the procedure)
  - Inject one batch of 8b from the SPS in each beam ( $2 \cdot 10^{11}$  p/b, 2 µm)
  - Deploy ADT mask with different gain for the different bunch.
  - Kick individual bunches to calibrate the gain
  - Restore ADT settings
  - Dump

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- Perform the measurement at flat top
  - Inject 80 bunches per beam, 8 bunches per injection  $(2 \cdot 10^{11} \text{ p/b}, 2 \text{ }\mu\text{m})$
  - Ramp, squeeze and collide with beta\* levelling in nominal conditions. (The luminosity from the experiment is needed for lumi-scans)
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  - Dump
  - Repeat the measurement with a different set of ADT gains in collision



## 525ns\_80b\_0\_0\_10inj8bpi

### 2023-04-20



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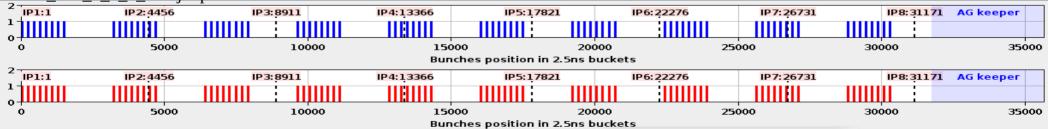
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## 525ns\_80b\_0\_0\_10inj8bpi



Device/Prope	erty	
ADTHorM1.B1/NORM_GAIN_WITNESS		4
ADTHorM1.B2/NORM GAIN BLOWUP		
ADTHorM1.B2/NORM_GAIN_CLEANING		
ADTHorM1.B2/NORM GAIN MAIN		=
ADTHorM1.B2/NORM GAIN WITNESS		
ADTHorM2.B1/NORM GAIN BLOWUP		
ADTHorM2.B1/NORM GAIN CLEANING		
ADTHorM2.B1/NORM GAIN MAIN		
ADTHorM2.B1/NORM GAIN WITNESS		
ADTHorM2.B2/NORM GAIN BLOWUP		_
ADTHORM2 R2/NORM GAIN CLEANING		
Select All	Hierarchy	
O_Filter		(0/3)

### 2023-04-20



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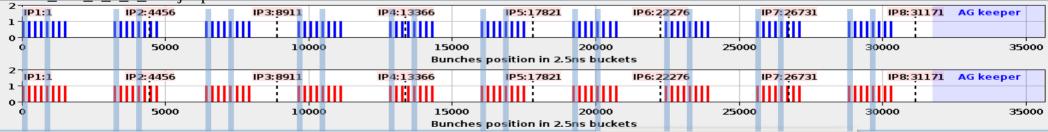
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# 525ns\_80b\_0\_0\_10inj8bpi



Device/Property		-
ADTHorM1.B1/NORM_GAIN_WITNESS		-
ADTHorM1.B2/NORM_GAIN_BLOWUP		
ADTHorM1.B2/NORM_GAIN_CLEANING		
ADTHorM1.B2/NORM_GAIN_MAIN		=
ADTHorM1.B2/NORM GAIN WITNESS		
ADTHorM2.B1/NORM GAIN BLOWUP		
ADTHorM2.B1/NORM GAIN CLEANING		
ADTHorM2.B1/NORM GAIN MAIN		
ADTHorM2.B1/NORM GAIN WITNESS		
ADTHorM2.B2/NORM GAIN BLOWUP		
ADTHORM2 B2/NORM GAIN CLEANING		
Select All	Hierarchy	
Ø Filter		(0/32

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Device/Proper	ty	-
ADTHorM1.B1/NORM GAIN WITNESS		-
ADTHorM1.B2/NORM GAIN BLOWUP		
ADTHorM1.B2/NORM GAIN CLEANING		
ADTHorM1.B2/NORM GAIN MAIN		=
ADTHorM1.B2/NORM GAIN WITNESS		
ADTHorM2.B1/NORM GAIN BLOWUP		
ADTHorM2.B1/NORM GAIN CLEANING		
ADTHorM2.B1/NORM GAIN MAIN		
ADTHorM2.B1/NORM_GAIN_WITNESS		
ADTHorM2.B2/NORM GAIN BLOWUP		_
ADTHORM2 B2/NORM GAIN CLEANING		
Select All	Hierarchy	
O_Filter		(0/3)

### 2023-04-20

#### CEI meeting

X. Buffat, A. Fornara, S. Kostoglou, G. Sterbini , D. Valuch

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ADTHorM1.B2/NORM GAIN BLOWUP		
ADTHorM1.B2/NORM_GAIN_CLEANING		
ADTHorM1.B2/NORM_GAIN_MAIN		Ξ
ADTHorM1.B2/NORM_GAIN_WITNESS		-
ADTHorM2.B1/NORM_GAIN_BLOWUP		
ADTHorM2.B1/NORM_GAIN_CLEANING		
ADTHorM2.B1/NORM_GAIN_MAIN		
ADTHorM2.B1/NORM_GAIN_WITNESS		
ADTHorM2.B2/NORM_GAIN_BLOWUP		
ADTHorM2 B2/NORM GAIN CLEANING		
Select All	Hierarchy	
P Filter		(0/3

### 2023-04-20

#### CEI meeting

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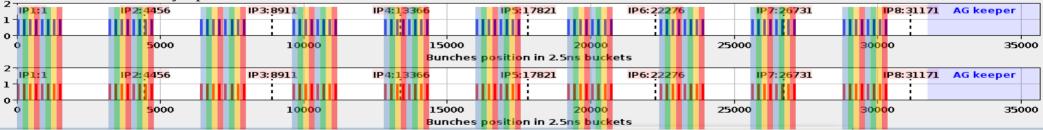
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Device/Prope	ty	-
ADTHorM1.B1/NORM GAIN WITNESS		-
ADTHorM1.B2/NORM_GAIN_BLOWUP		
ADTHorM1.B2/NORM_GAIN_CLEANING		
ADTHorM1.B2/NORM_GAIN_MAIN		=
ADTHorM1.B2/NORM_GAIN_WITNESS		
ADTHorM2.B1/NORM_GAIN_BLOWUP		
ADTHorM2.B1/NORM_GAIN_CLEANING		
ADTHorM2.B1/NORM_GAIN_MAIN		
ADTHorM2.B1/NORM_GAIN_WITNESS		
ADTHorM2.B2/NORM_GAIN_BLOWUP		_
ADTHorM2 B2/NORM GAIN CLEANING		
Select All	Hierarchy	
P Filter		(0/3)

#### 2023-04-20

#### CEI meetina