





















55	04:04	SU	The second descent des
56	04:07	su	stopping 04:08 in amorphous position to measure lifetime
			Created by spsop from cwo-ccc-a2lc
57	04:17	SU	processing one official in online find on a fewerating one find office $\frac{1}{10000000000000000000000000000000000$
58	04:29	ຮບ	stopping 4:29 the lifetime measurement
			Leaving the crystal in channelling and moving the tal out.
59	04 : 38	SU	Moving by 100 mum at each step. Try to see the reduction of losses at the tal. Created by spsop from cwo-ccc-a2lc
60	04:42	SU	Position of the TAL moved from 66.5 mm to 59.8 mm Losses increased at the crystal. Might be particles not lost at the tal comes back after one turn. Position of the crystal 1 -1624 murad. Putting the TAL in again -> 66 mm on the TAL and losses at the crystal down again. Back at starting position
61	04:45	ຮບ	We rebooted the server cfv-ba5-blmlhc
	04.51		Created by spsop from cwo-ccc-a7lc taking out the tal.
62	04:51	50	Created by spsop from cwo-ccc-a2lc
63	05:23	SU	Tal in the previous position (66.5 mm) with a crystal 1 angle of -1817 urad (minimum of losses at crystal). Now the LHC collimator is moved in order to see if it intercepts the channeled particles (if we are in channeling mode). Created by spsop from cwo-ccc-a2lc
			scan with collimator (not tal) from outer position -8 mm ->-2 mm steps of 25 um/sec (240 steps) channeling shoulder seems to be at about 7.5 mm (= to a displacement of the channeled beam of ~5.5 mm from the beam envelope) fairly good agreement with 150urad of channeling angle



		, T		Created by spsop from cwo-ccc-a7lc
69	06:1	17	SU	collimation scan in a different channeling position (+1392) which is again a minimum in the inelastic interactions at the crystal. Again we see a channeling shoulder at about the same displacement from the beam envelope. SECONDARY CHANNELING PEAK!
70	06:3	37	SU	collimator scan in a third channeling region (-5039 urad) the displacent is similar to the previous ones, but the intensity is much lower. (linaer position is kept at 78.9 as in previous measurements) $\widetilde{v_{n+1}} = \frac{1}{20090701063802.png}$
L	<u> </u>	_		Created by spsop from cwo-ccc-allc
71	06:4	17	SU	<pre>inco cripped</pre> <pre>i</pre>
				Created by spsop from ewo-ecc-a6le
				FAULTS
#	Gr	οι	ıp	Fault Element Description Begin End Duration
				NO FAULT

S S S