

BNL-103911-2014-TECH AGS.SN31;BNL-103911-2014-IR

Intensity of Early and Late CBM vs. Multi-turn Intensity

J. Herrera

June 1973

Collider Accelerator Department Brookhaven National Laboratory

U.S. Department of Energy

USDOE Office of Science (SC)

Notice: This technical note has been authored by employees of Brookhaven Science Associates, LLC under Contract No.AT(30-1)-16 with the U.S. Department of Energy. The publisher by accepting the technical note for publication acknowledges that the United States Government retains a non-exclusive, paid-up, irrevocable, worldwide license to publish or reproduce the published form of this technical note, or allow others to do so, for United States Government purposes.

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or any third party's use or the results of such use of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

Summary of Study (Interesty) NO.31

• .	· . :	•			
•		MULTITUEN	EARLY MONITOR 4 MG	LATE MONITOR	COMMENT.
•	BEFORE	1-1,2×10" PIP	7×1012 P/P	5×10"2p/p	concreat present
·	STUDY				unil out dan for
	TUES.	1.4×1012	8-8.541012	26.3 ×10" p/p	LATE MURITOR
	5/22	() () () () () () () () () () () () () (SATURATINO () 2 . 3 . 4 (1.25)
·	WED.	1.4×10"	8.5410"	= 8.27×10" p/p	LATE HOWITUR
	5/2.3		•		SATJAHTIN G
		(d), (d)		*7	\mathcal{O}, \mathcal{O}
• •	THURS	1.8-2×10"	8.5 - 9×10"	< 9.78×101℃	LATE MONITOR (1.73
	5/24				~
		5,6		(10) (2)	D, D, D.
	-				فالمتعادية المتاريخ
·					
•					Just 173
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	61.
-					

Code for page O en el la guebra de O 1) clamp raised - 1×10" @ off frequency on flattop climinated 3) dwell time lengthened €) all magnets rehacted - E10 D'Lonae improvement 6 Infection improvement -(7) no loss of initial bunching S Early bunching _ on frequency (9) Vertical orbit harmonic correction (9th) (1) Pater of low level num segnal, <u>THUR</u> = 6.2 = 1.3 WED 4.8 1) Early monitor did not increase. (2) B15 transformer check - (2:1) and 1.22 turns ratio