

RADIATION BUDGET FORM

PAGE NUM/REV 1/-

Fill in blanks or (preferably) provide in tab-separated or Excel/WKS format.

Hall (circle one): **A** **B** **C**

experiment num.: _____

drawing num. supplied: _____

name of liaison: _____

run hours (100% effect.)	days*																		0.0
setup number		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
beam energy	GeV																		mean
beam current	uA(CW)																		
polarization	%																		
exp/target ID number																			
exp't target material (1)																			
exp't target thickness (1)	mg/cm2																		
exp't target material (2)																			
exp't target thickness (2)	mg/cm2																		
cryo tgt window material																			
cryo tgt window thkns	mg/cm2																		
radiator material																			
radiator thickness	mg/cm2																		
dist. radiator to pivot*	m																		
exit window material*																			
exit window thickness*	mg/cm2																		
critical dumpline radius*	cm																		
crit. d'pline dist. to pivot*	m																		
dumpline material*																			
dumpline length*	m																		
*ONLY PROVIDED IF NONSTANDARD SETUP.																			
FYI																			OTHER MATERIALS IF USED
material		D	C	H	Cu	Ti	He gas	Fe	Au	Be	O	Al							
Xo	g/cm2	126.2	43.4	63.1	12.9	16.2	90.7	13.9	6.3	65.8	34.7	24.2							
density	g/cm3	0.162	2.3	0.071	8.93	4.50	1.78E-04	7.87	19.30	1.85									

date form issued: _____

authors: _____

*Day = 24 hours of beam on target. Include fractional days, if appropriate.

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