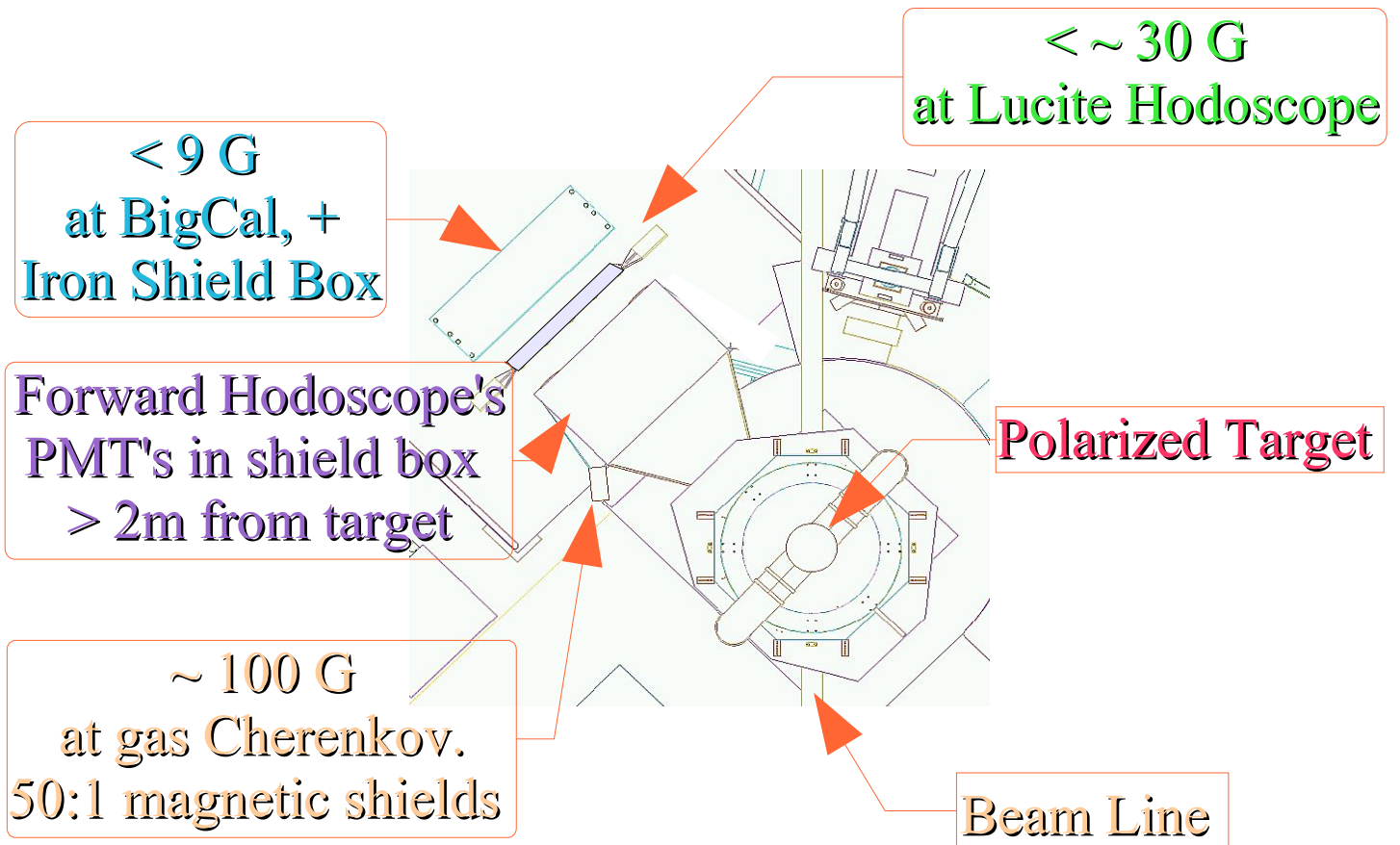
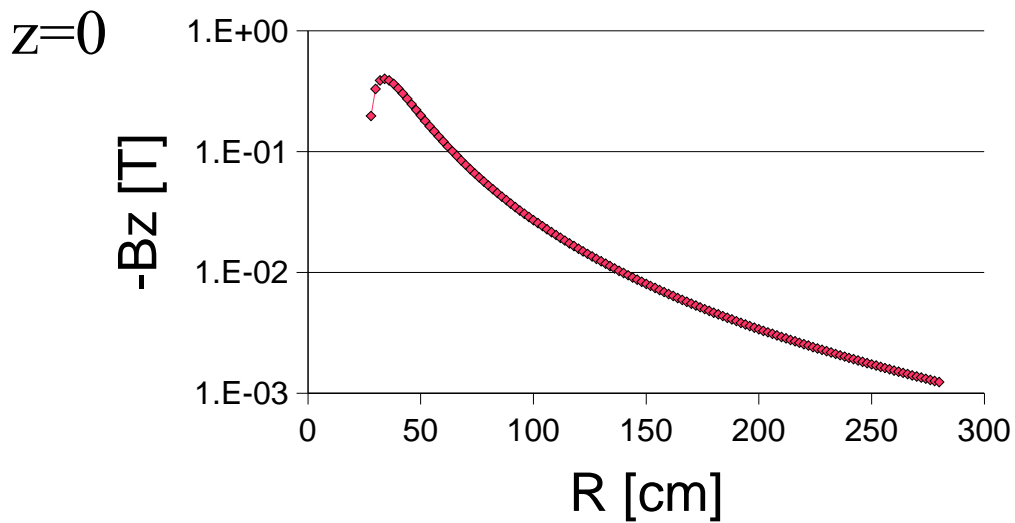
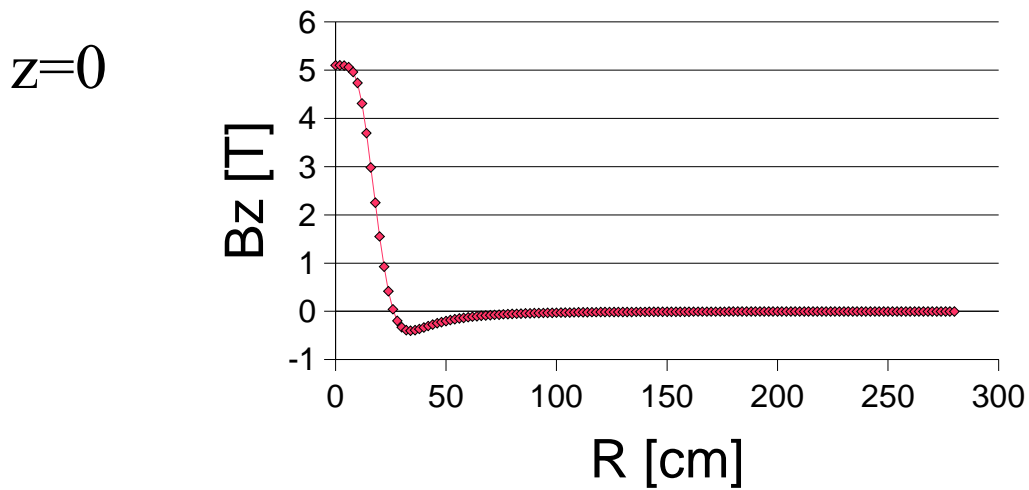
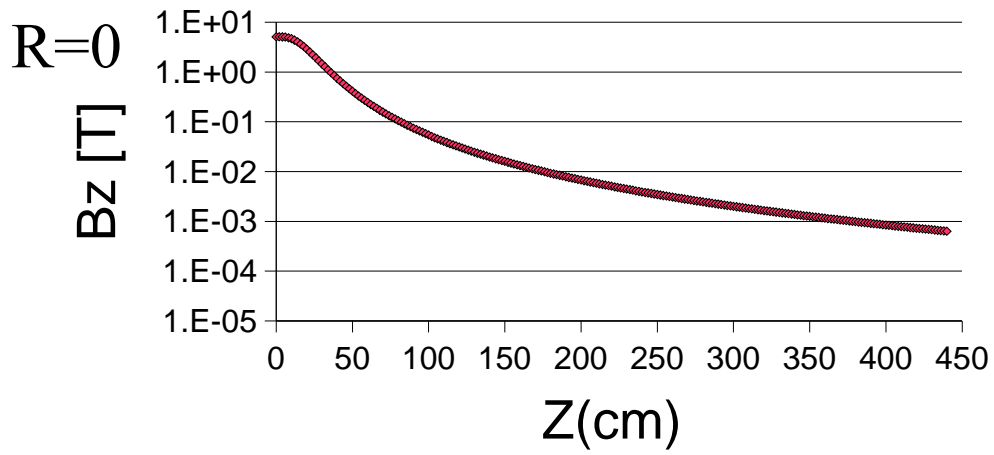
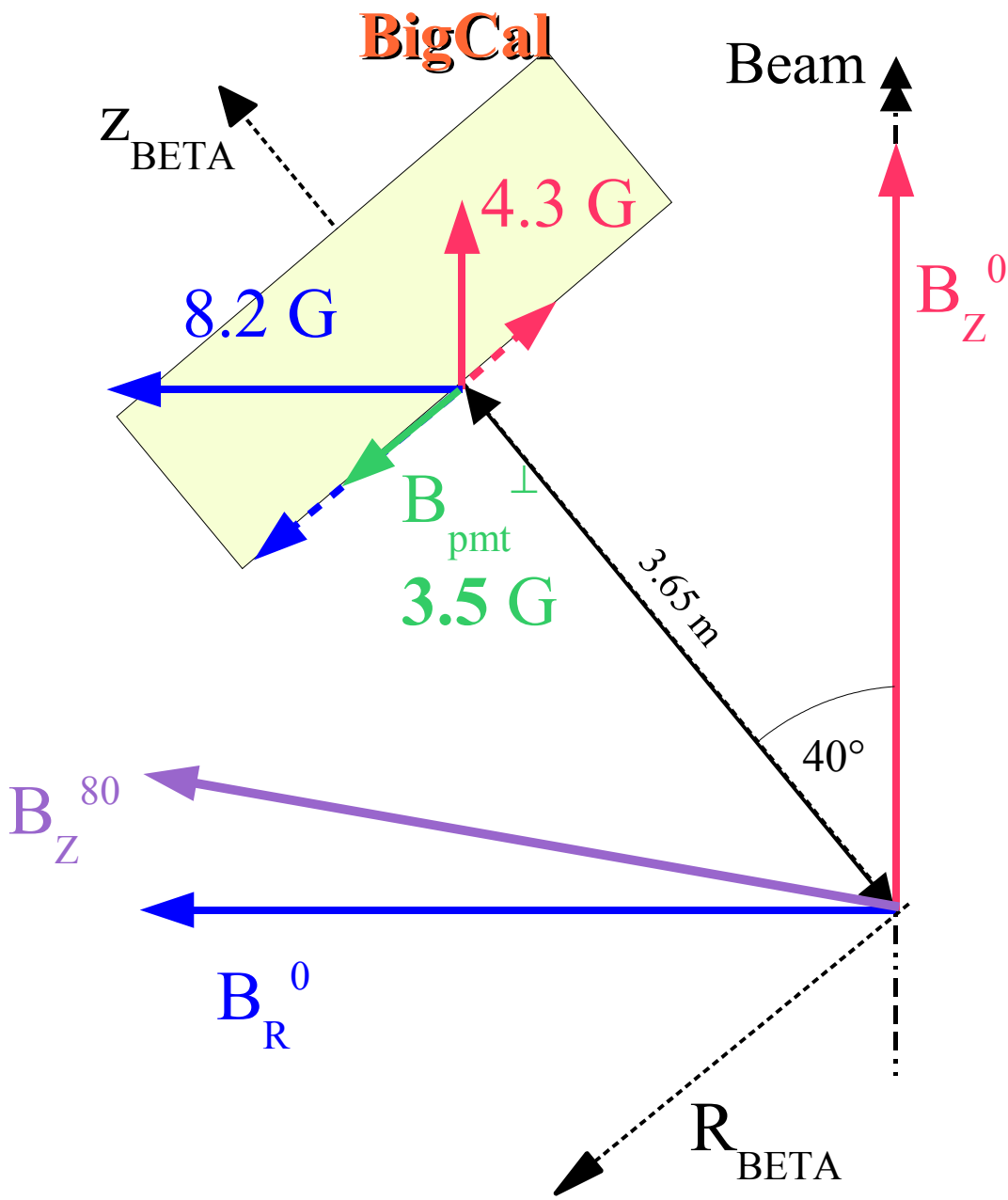


# Residual Target Field

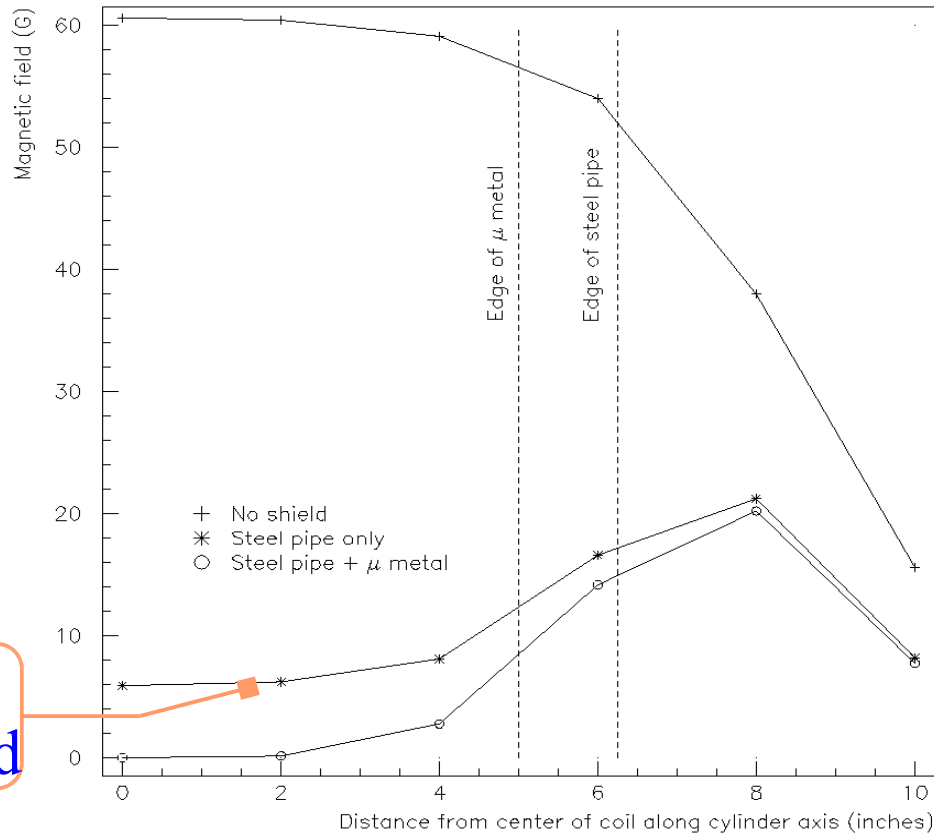




Extrapolation of Oxford field map by S. Choi

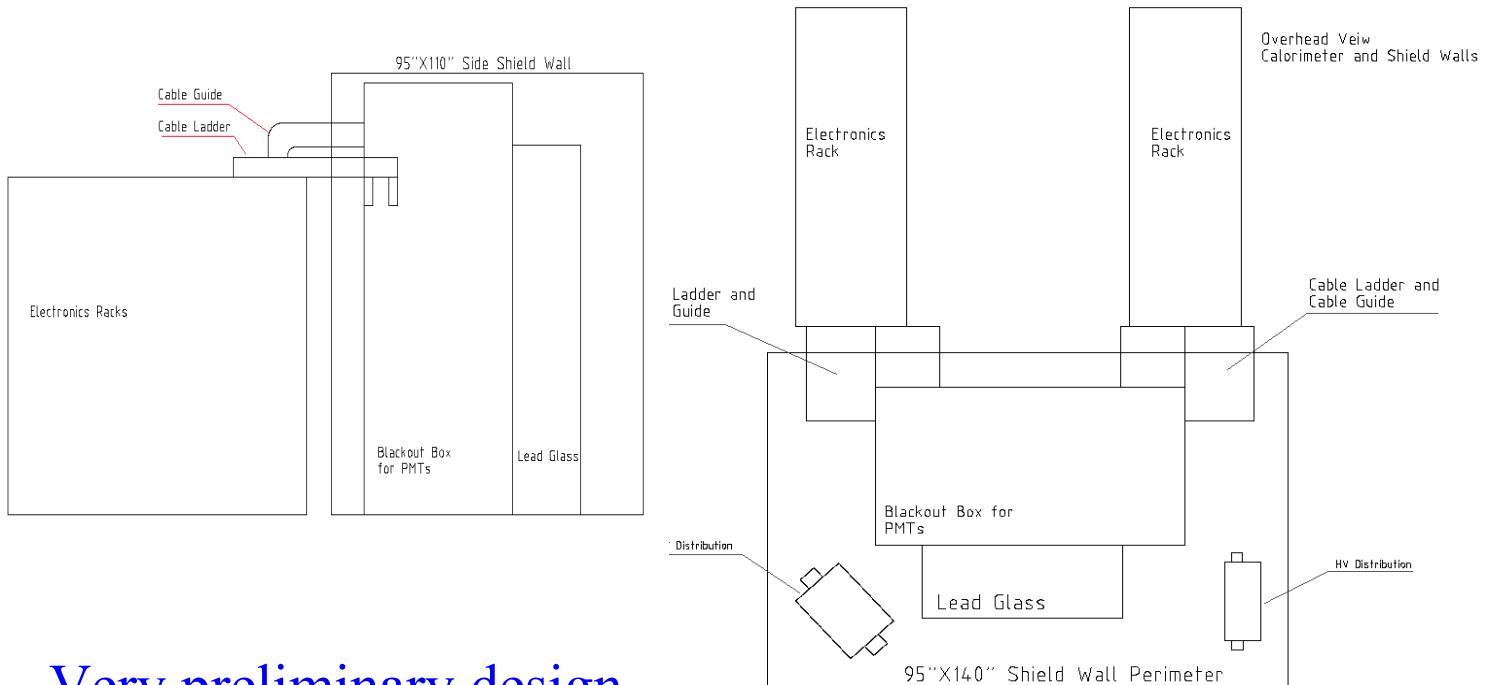


Detector	PMT angle degrees	Field-BETA degrees	Field-beam degrees	z_BETA cm	R_BETA cm	Z cm	R cm	BZ T	BR T	B   PMT G	B_⊥ PMT G
Lucite	45	-40	180	240	40	158	185	0.00052	0.00282	7.5	27.1
	45	-40		240	-40	210	124	0.00229	0.00245	24.4	22.0
		40	80	240	40	210	-124				
		40		240	-40	158	-185				
Big Cal	0	-40	180	365	0	280	235	0.00043	0.00082	8.4	3.5
	0	-40	180	365	40	254	265	0.00020	0.00092	7.3	5.7
Tracker	0	-40	180	225	40	147	175	0.00054	0.00330	24.8	21.3
	0	-40	180	225	0	172	145	0.00176	0.00342	34.8	14.6
	0	40	80	225	40	198	-114	0.00285	0.00295	40.0	4.2



6 mm Fe  
G0 shield

(From M. Khandaker)



Very preliminary design  
(J. Mulholland - UVA)