

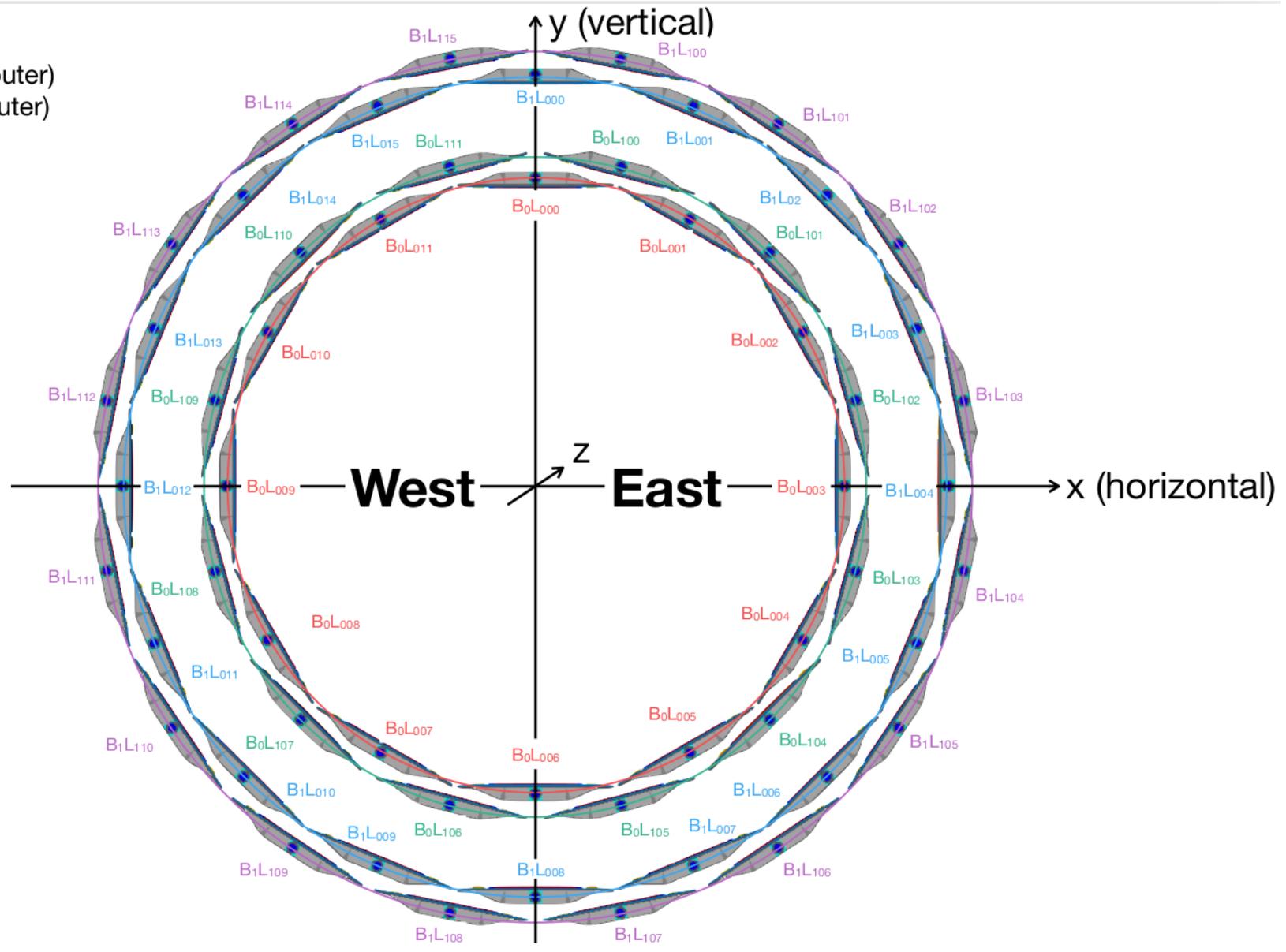
Activities at BNL: sPHENIX/INTT Barrels Configuration

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Barrels Configuration in sPHENIX Geant

Notation: $B_xL_yz_z$
x: Barrel ID (0 for inner or 1 for outer)
y: Layer ID (0 for inner or 1 for outer)
zz: Ladder ID (from 0 to 15)



Ladders of Barrels type #1: 1) Class, 2) Dead Channels, 3) Current, and 4) Source test



Order Built	Name	Layer	South Leakage A+B	North Leakage A+B	Class	Number Dead	Average Current (S+N)/2	Source Test File
16	PB1-L010	1	420	440	1	10	430	1
19	PB1-L013	1	570	880	1	11	725	1
62	PB1-L031	1	254	233	1	12	244	1
23	PB1-L017	1	700	500	1	12	600	1
58	PB1-L027	1	240	228	1	14	234	1
12	PB1-L006	1	360	280	1	14	320	1
11	PB1-L005	1	440	510	1	14	475	1
51	PB1-L020	1	259	264	1	15	262	1
15	PB1-L009	1	440	850	1	15	645	1
65	PB1-L034	1	363	220	1	16	292	1
52	PB1-L021	1	311	284	1	16	298	1
14	PB1-L008	1	518	413	1	16	466	1
20	PB1-L014	1	500	500	1	16	500	1
54	PB1-L023	1	359	311	1	17	335	1
17	PB1-L011	1	330	490	1	17	410	1
59	PB1-L028	1	283	750	1	17	517	1
53	PB1-L022	1	482	552	1	17	517	1
63	PB1-L032	1	220	216	1	18	218	1
57	PB1-L026	1	277	348	1	18	313	1
21	PB1-L015	1	200	500	1	18	350	1
4	PB1_L001	1	330	340	1	20	335	1
22	PB1-L016	1	200	700	1	20	450	1
64	PB1-L033	1	253	567	1	21	410	1
60	PB1-L029	1	1181	413	1	21	797	1
55	PB1-L024	1	294	243	1	22	269	1
24	PB1-L018	1	200	300	1	24	250	1
18	PB1-L012	1	650	300	1	24	475	1
13	PB1-L007	1	270	490	1	25	380	1
56	PB1-L025	1	267	468	1	28	368	1
9	PB1-L004	1	320	290	1	33	305	1
50	PB1-L019	1	303	284	4	140	294	4
8	PB1_L003	1	420	300	4	149	360	4
6	PB1_L002	1	960	690	4	153	825	4
61	PB1-L030	1	20	20			20	

Used

Not Used

INTT Layer 1a	Position	Ladder Name
EAST	BOL000	PB1-L008
	BOL001	PB1-L005
	BOL002	PB1-L031
	BOL003	PB1-L010
	BOL004	PB1-L027
WEST	BOL006	PB1-L034
	BOL007	PB1-L020
	BOL008	PB1-L017
	BOL009	PB1-L013
	BOL010	PB1-L006
	BOL011	PB1-L021

INTT Layer 1b	Position	Ladder Name
EAST	BOL100	PB1-L033
	BOL101	PB1-L026
	BOL102	PB1-L022
	BOL103	PB1-L014
	BOL104	PB1-L011
WEST	BOL105	PB1-L001
	BOL106	PB1-L016
	BOL107	PB1-L015
	BOL108	PB1-L032
	BOL109	PB1-L023
	BOL110	PB1-L028
	BOL111	PB1-L024

Auxiliaries Slides