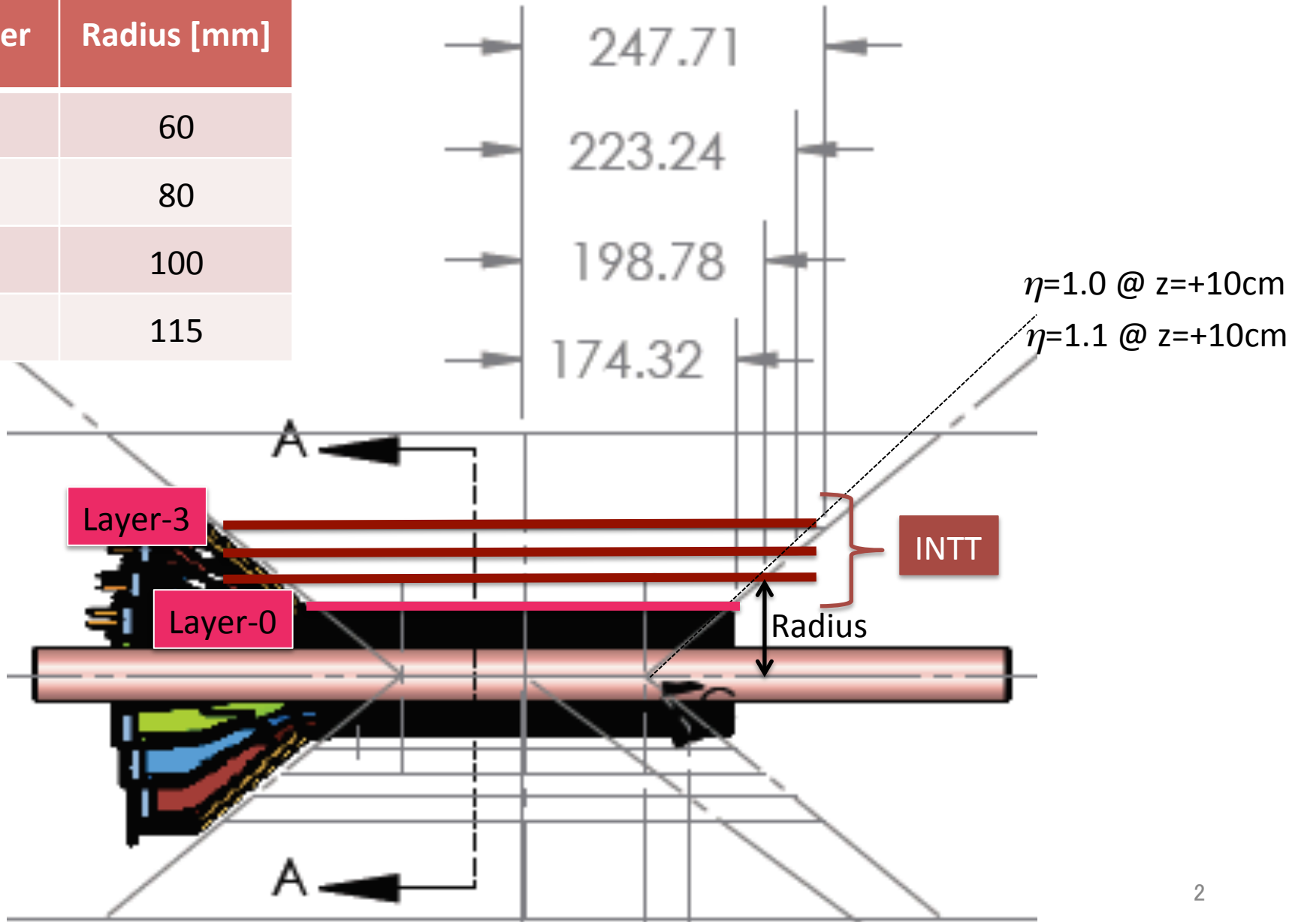
INTT Geometry Parameters

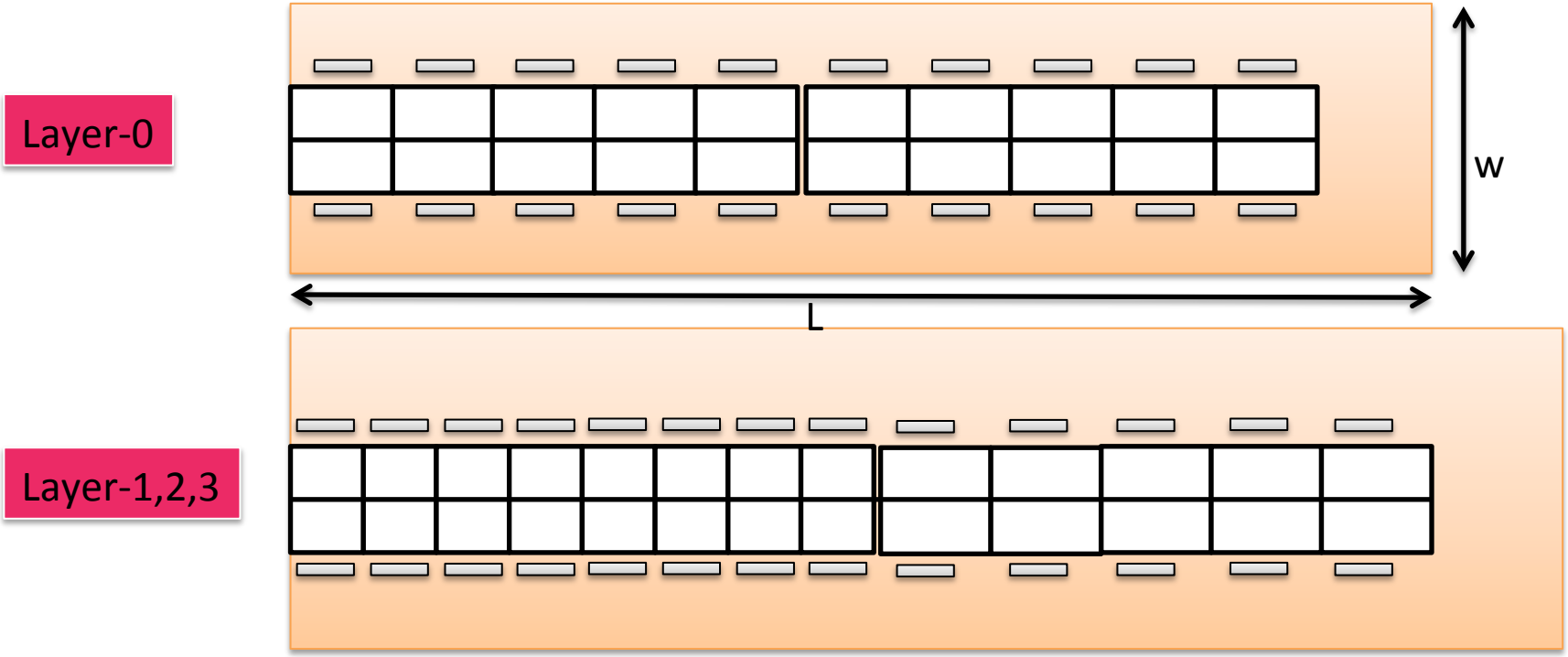
RIKEN/RBRC
Itaru Nakagawa

Detector Layout

Layer	Radius [mm]
0	60
1	80
2	100
3	115



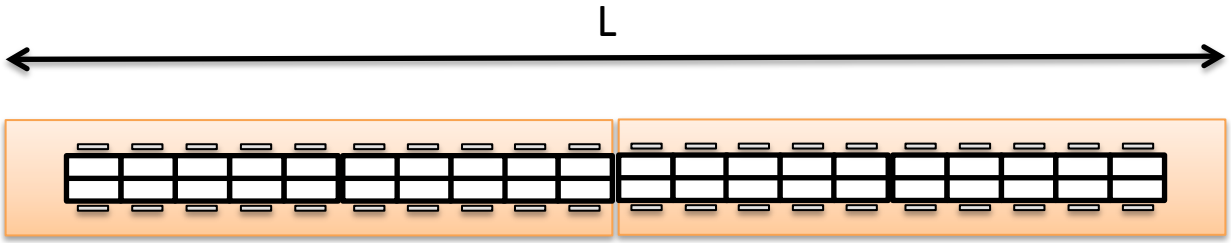
Half Ladder Dimension

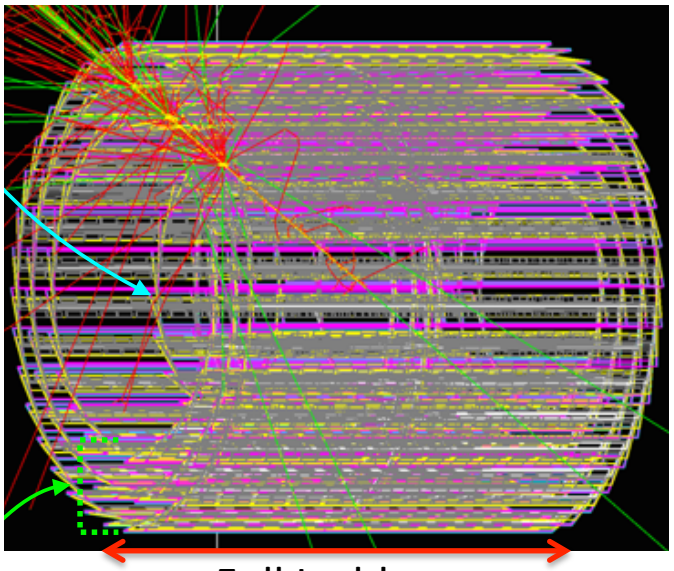


Layer	w [mm]	L [mm]
0	38	220
1	43	268
2		
3		

Full Ladder

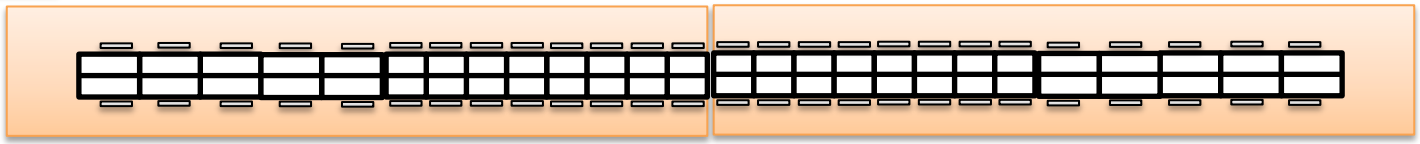
Layer-0



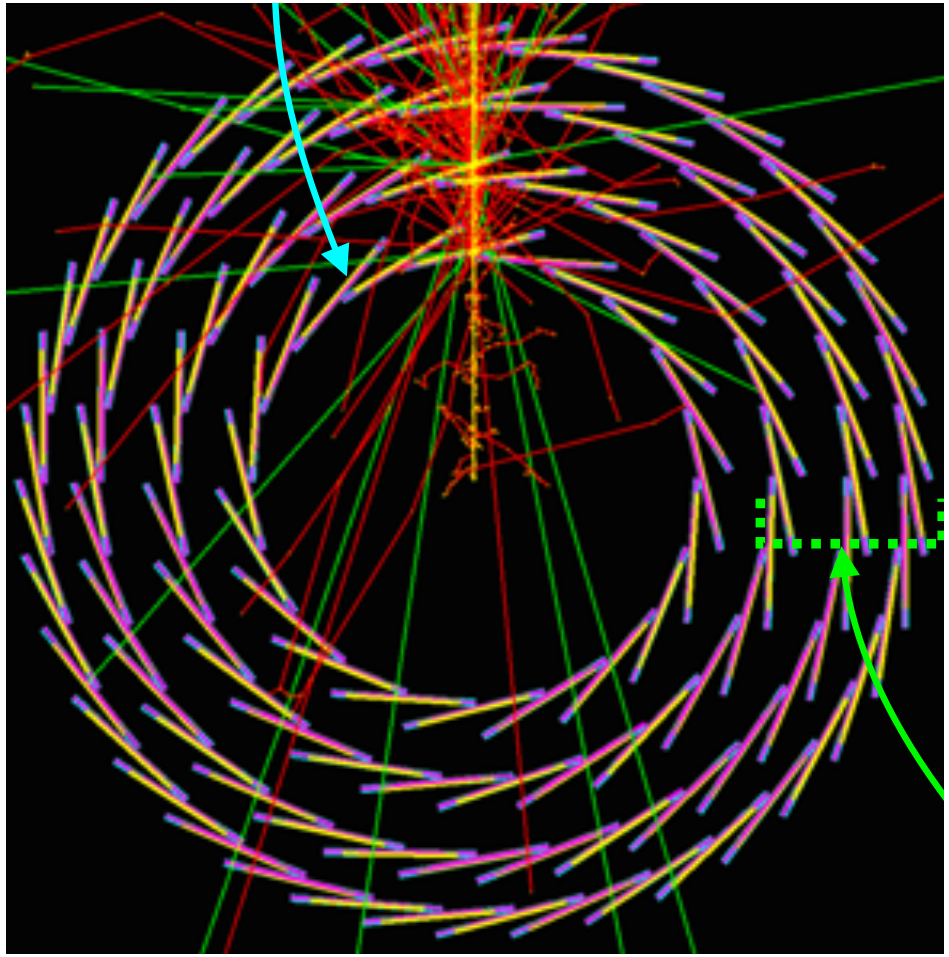


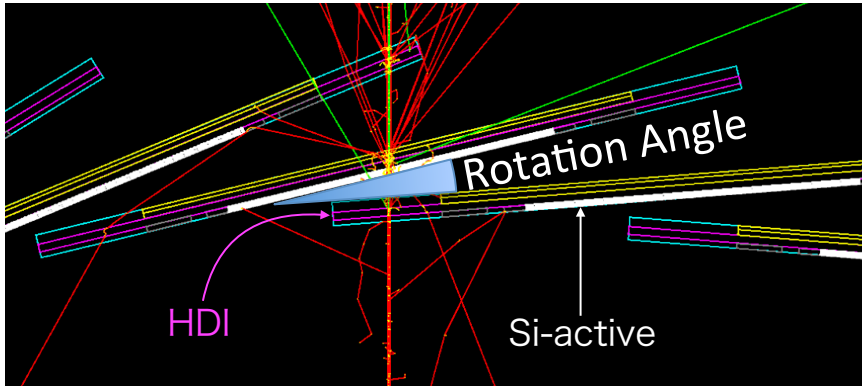
Layer	L [mm]
0	440
1	536
2	
3	

Layer-1,2,3



Barrel

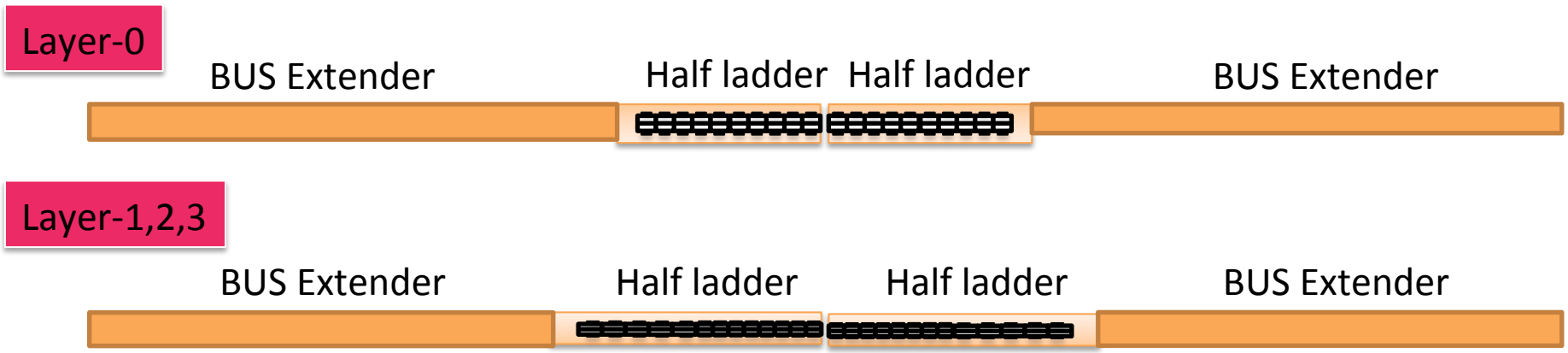




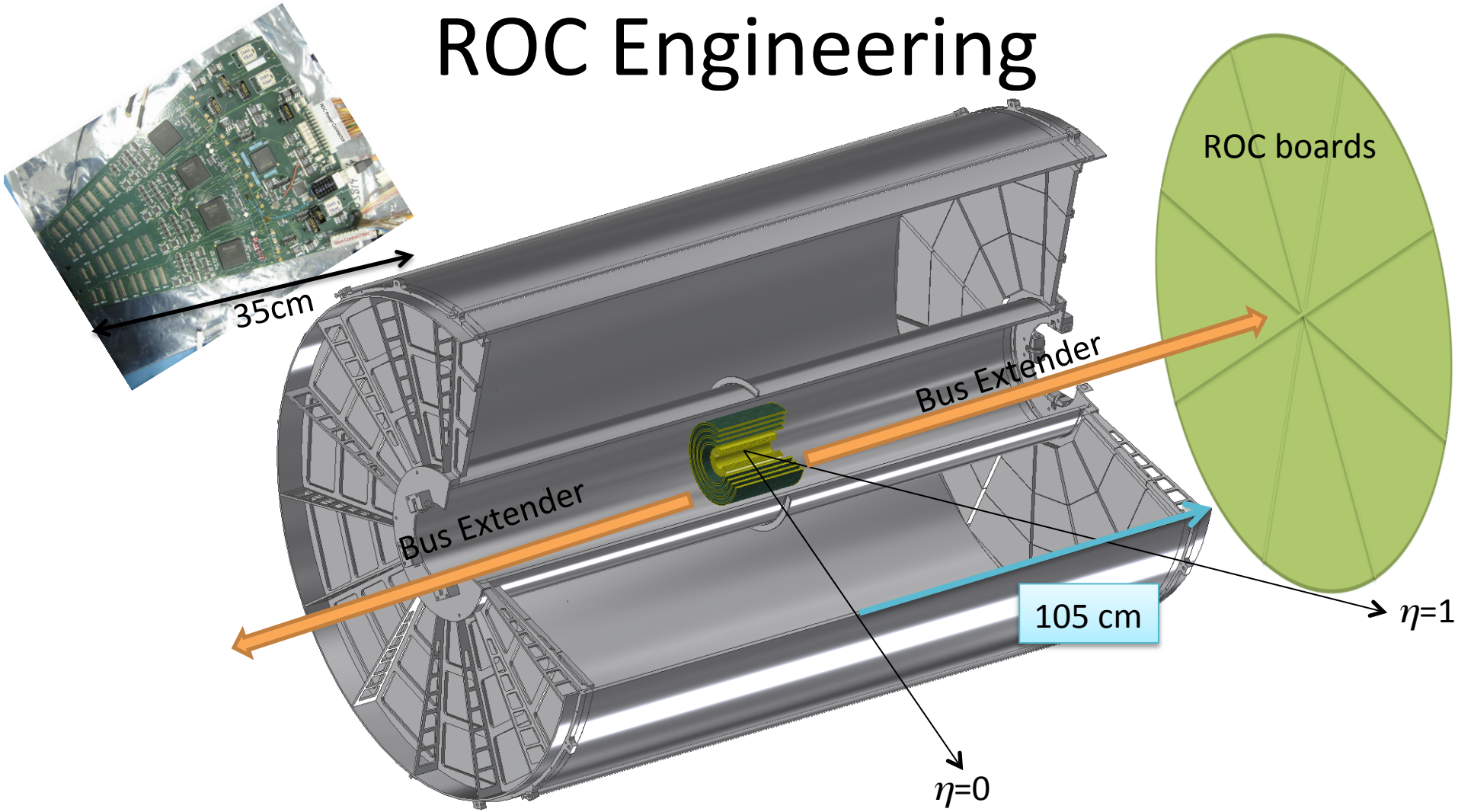
Layer	# of Ladders	Rotation Angle [deg]
0	20	14.0
1	26	14.0
2	32	12.0
3	38	11.5

BUS Extender

Bus extender is very thin and flexible flat cable.



ROC Engineering



The bus extender needs to run to ROC boards (reuse FVTX ROC) outside TPC.
Minimum length is 105cm – ladder length + distance to ROC board.