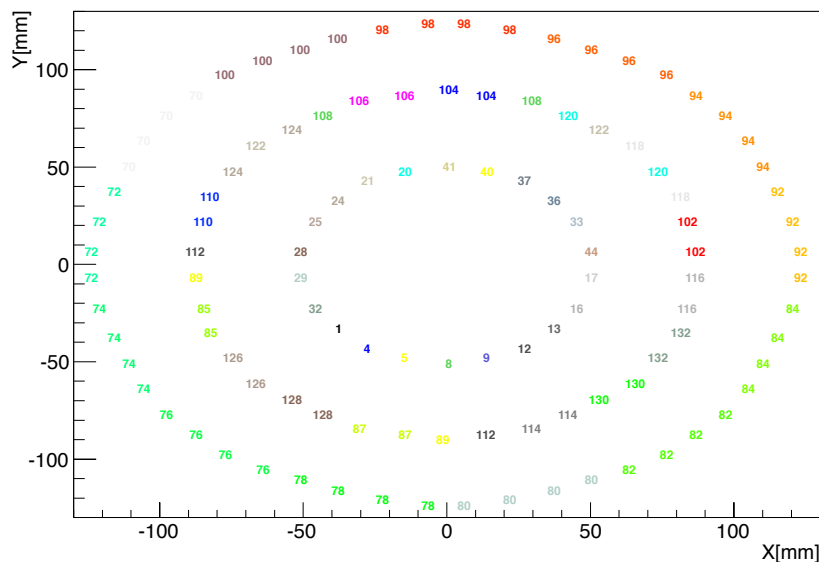

Hardware mapping

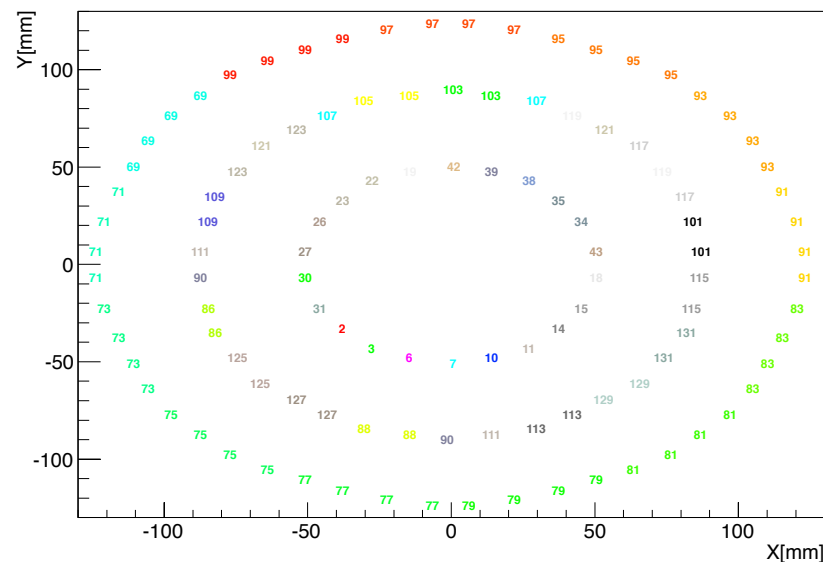
Pixel Barrel (ϕ)

Integrated for eta in X-Y view

BarrelA

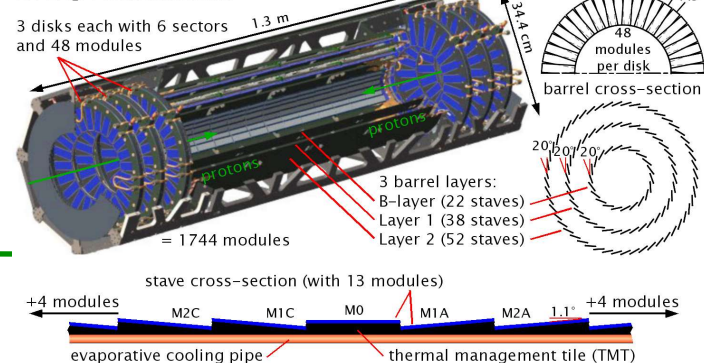


BarrelC



	L1	L2	L3
Eta	13	13	13
Phi	22	38	52
total	286	494	676

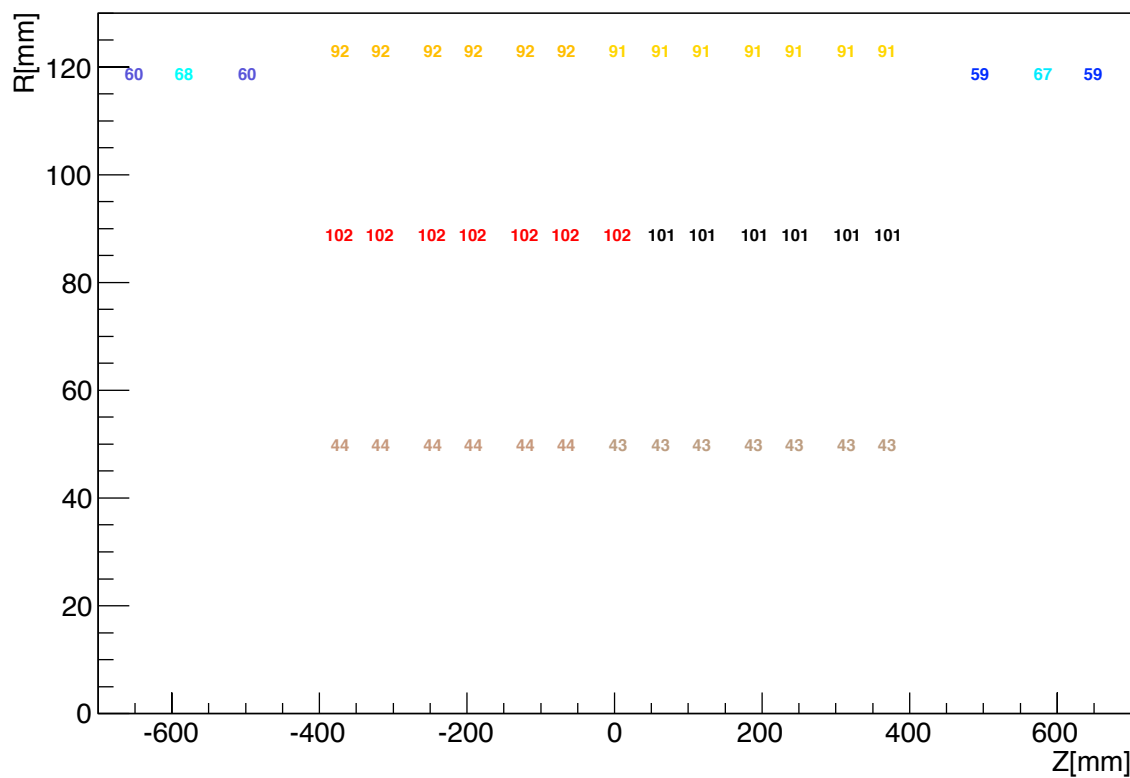
ATLAS Pixel detector



Pixel Z-R

$\phi = 0$ projected on Z-R view

ZR view

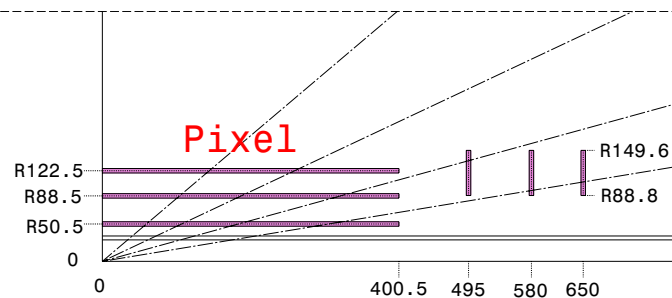


Pixel Barrel (A+C side = 13 divisions)

	L1	L2	L3
Eta	13	13	13
Phi	22	38	52
total	286	494	676

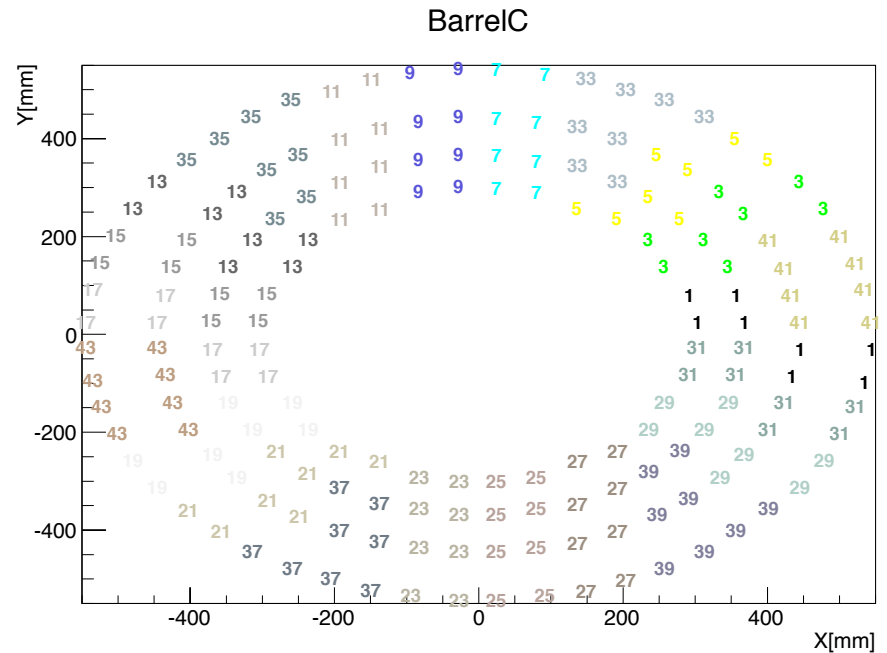
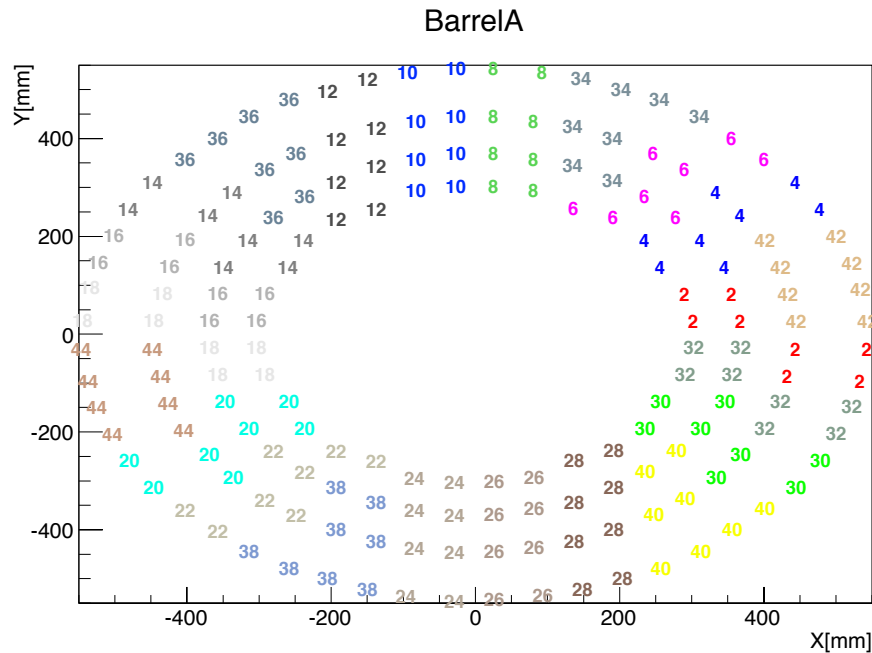
Pixel Endcap

	L1	L2	L3
Eta	1	1	1
Phi	48	48	48
total	48	48	48

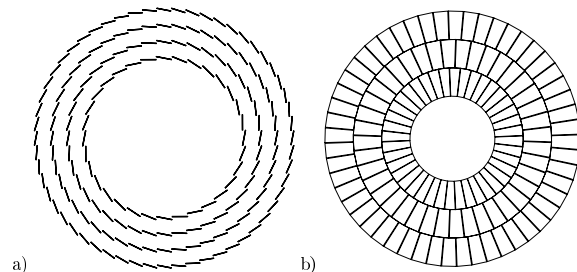


SCT Barrel (ϕ)

Integrated for eta in X-Y view



	L1	L2	L3	L4
Eta	6	6	6	6
Phi	32	40	48	56
Side	2	2	2	2
total	384	480	576	672

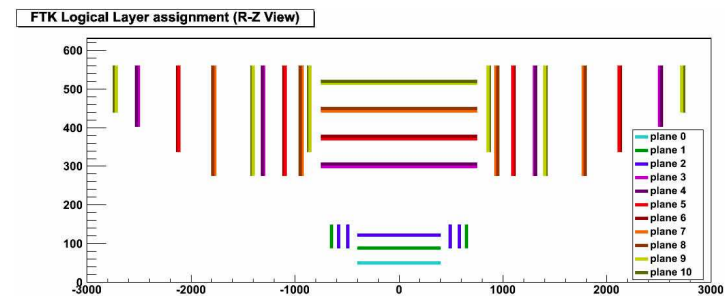
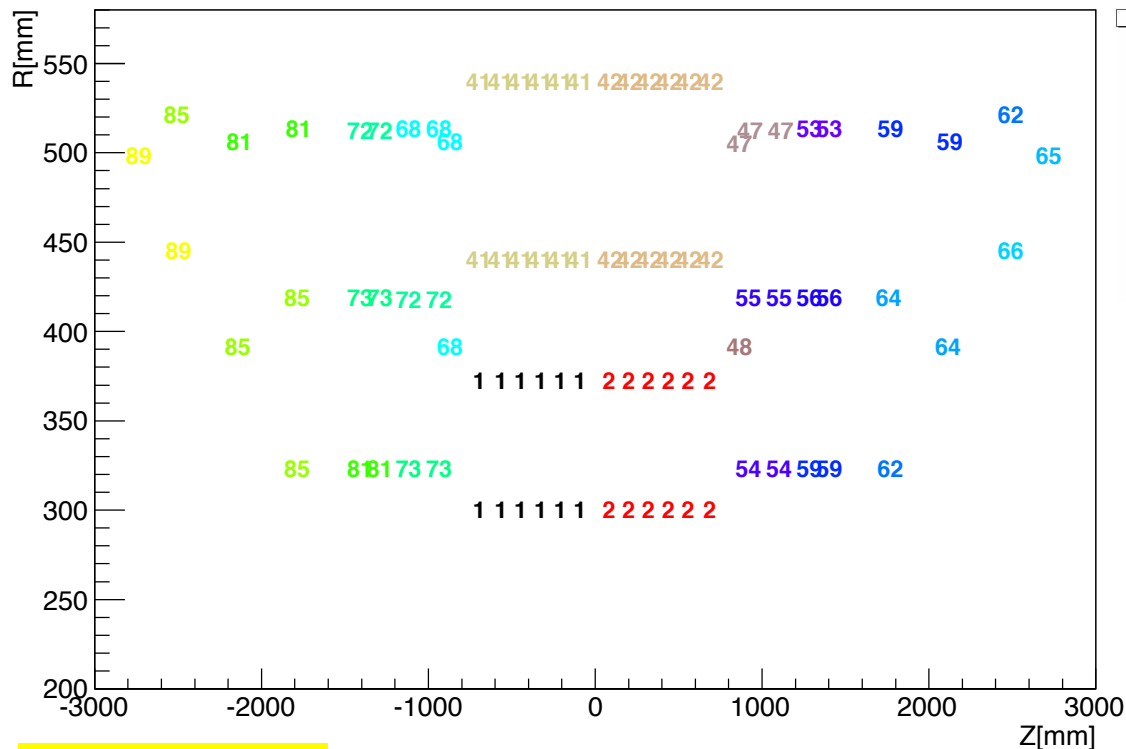


SCT Barrel (x-y)

SCT Disk (x-y)

SCT Z-R

$\phi = 0$ projected on Z-R view
ZR view



SCT (Endcap Disk)

	L1	L2	L3	L4	L5	L6	L7	L8	L9
Eta	2	3	3	3	3	3	2	2	1
Phi (E1)	52	52	52	52	52	52	52	52	52
Phi (E2)	40	40	40	40	40	40	40	40	
Phi (E3)		40	40	40	40	40			
Side	2	2	2	2	2	2	2	2	2
total	184	264	264	264	264	264	184	184	104

SCT Barrel (Only one-side)

	L1	L2	L3	L4
Eta	6	6	6	6
Phi	32	40	48	56
Side	2	2	2	2
total	384	480	576	672