

Update on MoM

Marcin Chrzęszcz¹, Nicola Serra¹

¹ University of Zurich



**University of
Zurich** ^{UZH}

April 11, 2015

F_S pulls, numbers I promised

Bin [GeV^2]	mean	sigma
0.1 – 0.98	0.038 ± 0.029	0.918 ± 0.021
1.1 – 2	-0.024 ± 0.031	0.998 ± 0.022
2 – 3	-0.025 ± 0.029	0.942 ± 0.021
3 – 4	-0.069 ± 0.030	0.971 ± 0.022
4 – 5	0.062 ± 0.030	0.955 ± 0.021
5 – 6	0.081 ± 0.032	0.992 ± 0.022
6 – 7	-0.031 ± 0.031	0.992 ± 0.022
7 – 8	-0.054 ± 0.030	0.962 ± 0.021
11 – 11.75	0.002 ± 0.030	0.947 ± 0.021
11.75 – 12.5	-0.027 ± 0.031	0.979 ± 0.022
15 – 16	0.011 ± 0.029	0.933 ± 0.021
16 – 17	0.02 ± 0.029	0.929 ± 0.020
17 – 18	-0.054 ± 0.030	0.962 ± 0.021
18 – 19	-0.075 ± 0.030	0.964 ± 0.021



- We are overestimating the error, but we can leave with this.
- Mean unbiased.

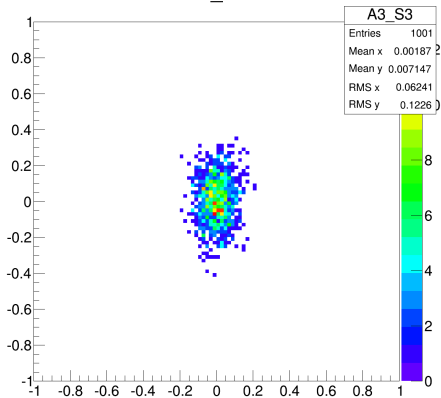
Correlations between S_x and A_x , MC Toys

- Toys with acceptance, background (the ones we all like).
- Plots in backups.

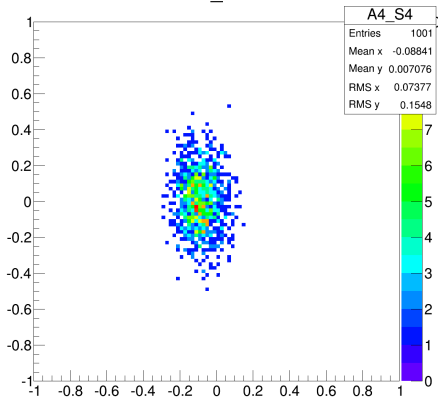
q^2	$S_3 A_3$	$S_4 A_4$	$S_5 A_5$	$S_6 A_6$	$S_7 A_7$	$S_8 A_8$	$S_9 A_9$
0	0.049	-0.066	-0.001	0.011	-0.034	0.015	0.022
1	0.029	-0.047	-0.003	0.011	-0.003	0.017	0.052
2	0.004	-0.046	0.026	-0.022	-0.010	-0.036	-0.032
3	0.079	0.032	0.035	-0.028	-0.025	0.037	0.027
4	-0.020	0.074	-0.001	0.008	-0.063	-0.015	0.037
5	-0.019	-0.018	-0.041	0.001	0.025	0.015	-0.014
6	0.000	-0.008	-0.021	0.049	-0.014	-0.04	-0.002
7	0.000	-0.008	-0.021	0.049	-0.014	-0.04	-0.002
8	-0.011	-0.009	-0.013	-0.023	0.047	0.006	-0.004
9	-0.009	-0.015	-0.008	-0.009	-0.010	-0.050	-0.029
10	0.030	0.023	0.084	-0.049	0.030	0.002	0.021
11	-0.016	0.006	0.018	-0.029	0.034	-0.049	0.039

BACKUPs

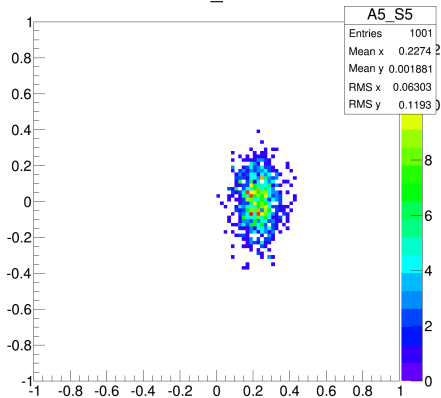
A3_S3



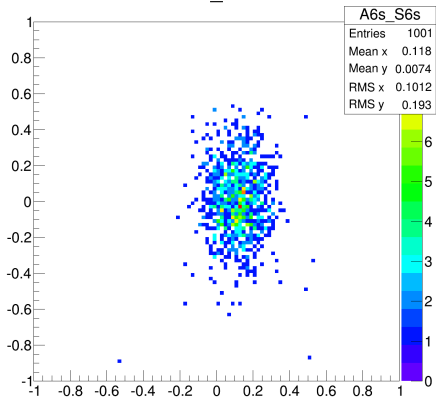
A4_S4



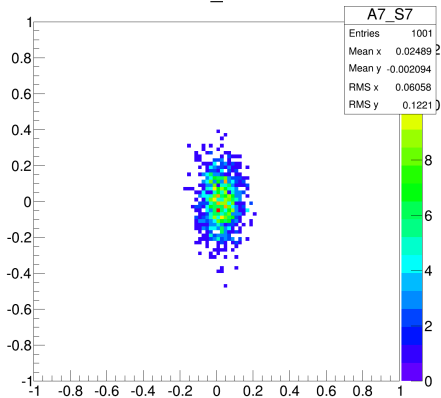
A5_S5



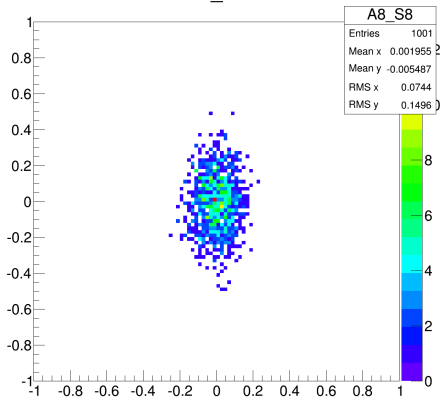
A6s_S6s



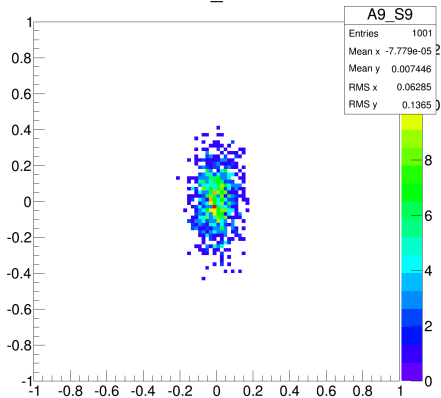
A7_S7



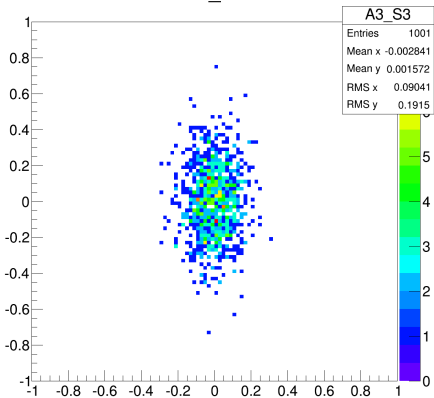
A8_S8



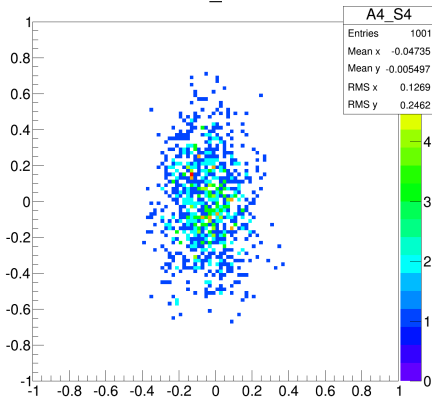
A9_S9



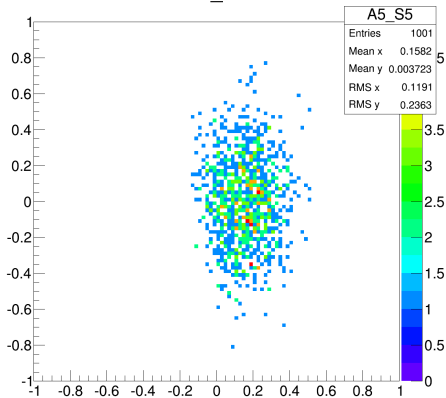
A3_S3



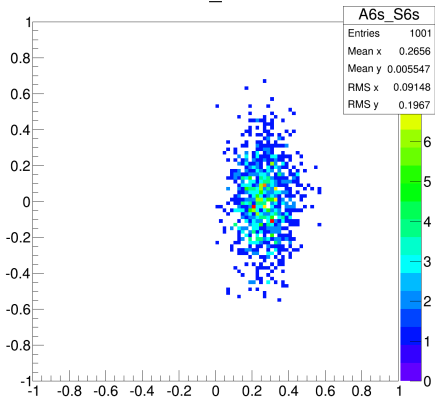
A4_S4



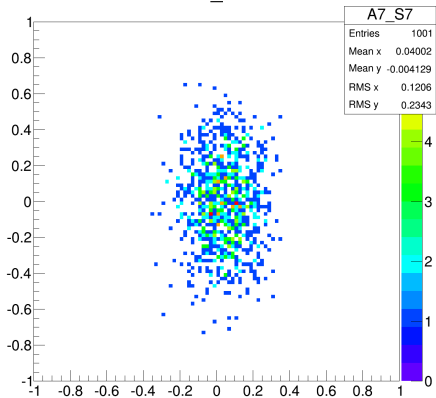
A5_S5



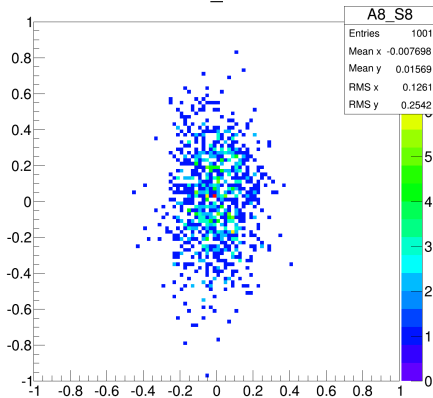
A6s_S6s



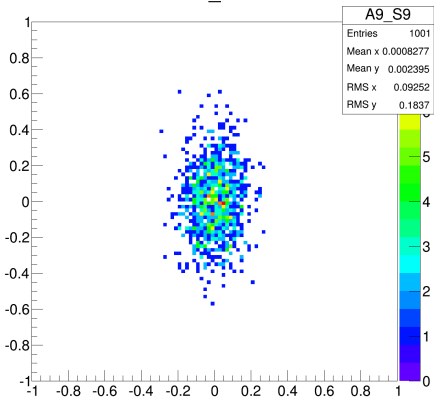
A7_S7



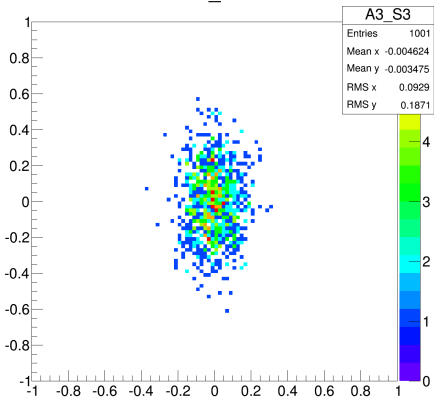
A8_S8



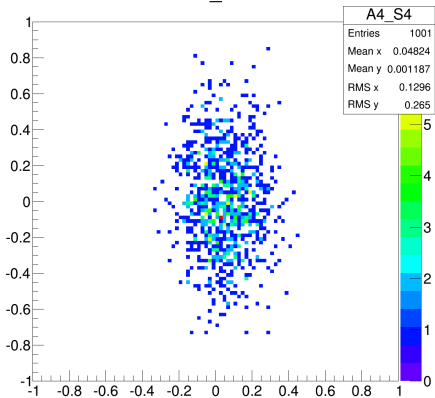
A9_S9



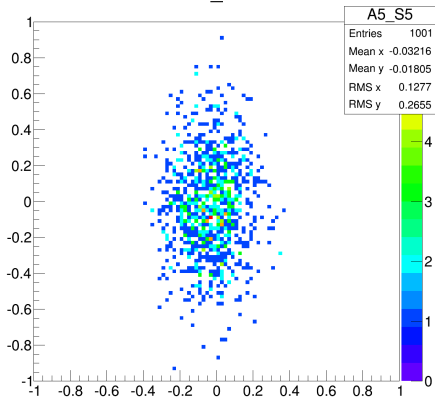
A3_S3



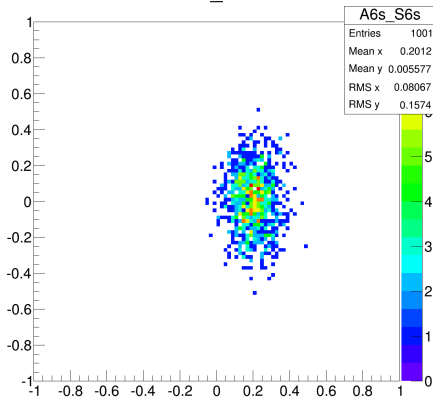
A4_S4



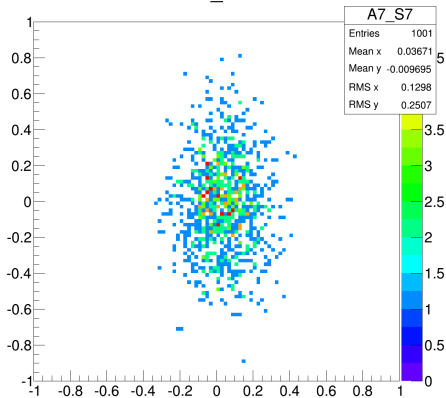
A5_S5



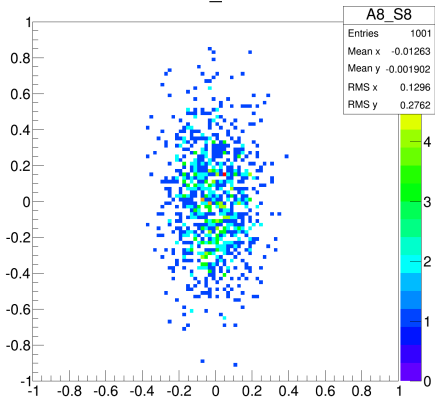
A6s_S6s



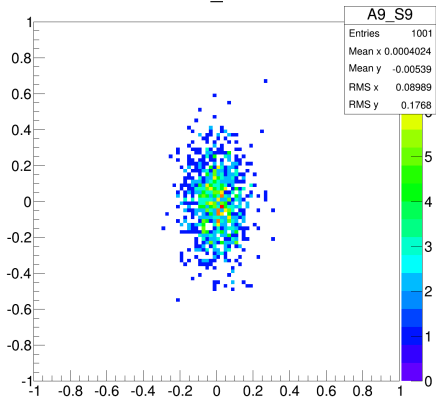
A7_S7



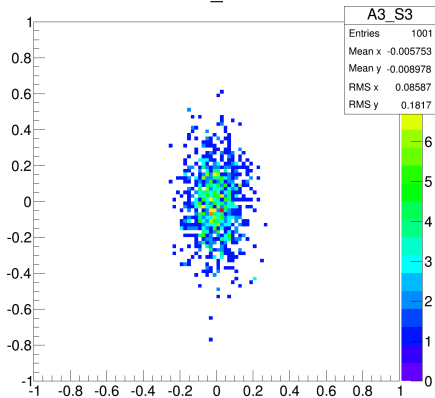
A8_S8



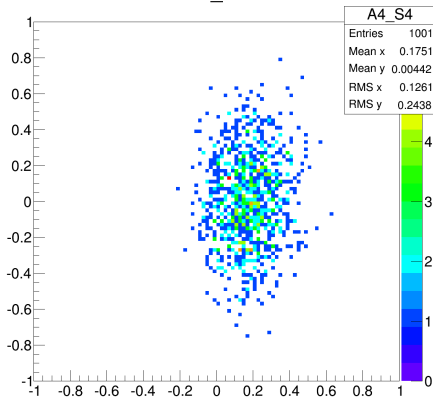
A9_S9



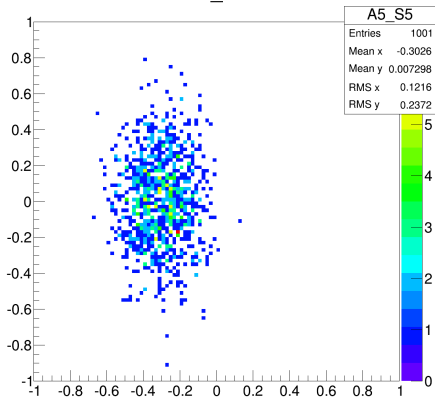
A3_S3



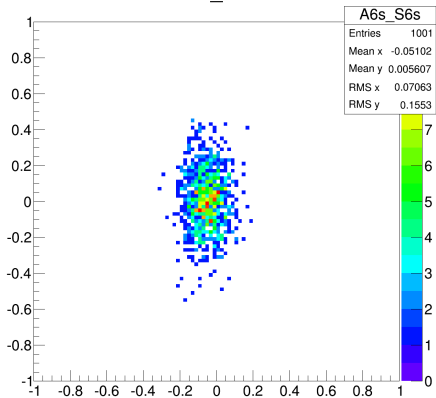
A4_S4



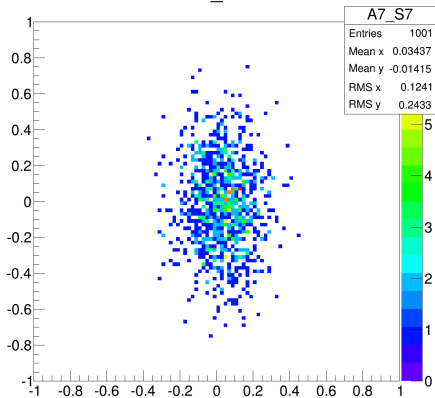
A5_S5



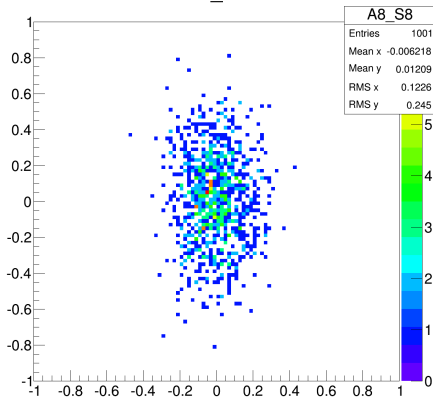
A6s_S6s

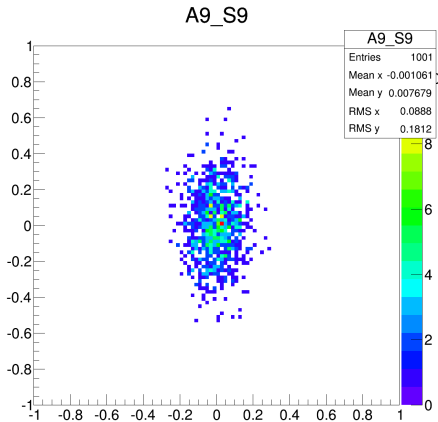


A7_S7

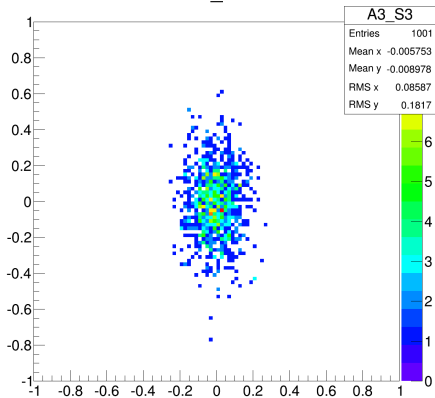


A8_S8

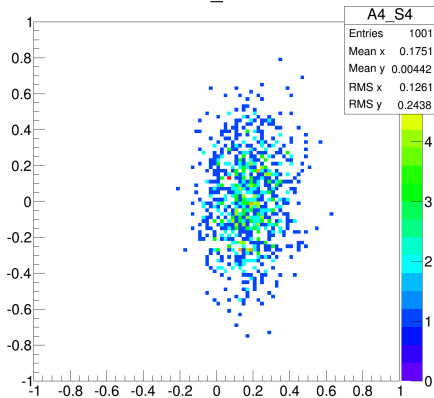




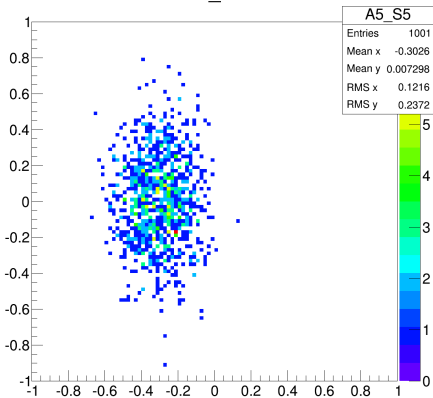
A3_S3



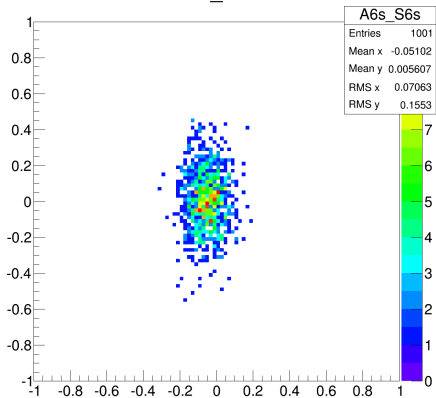
A4_S4



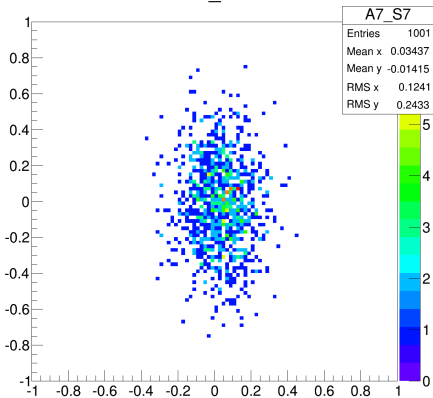
A5_S5



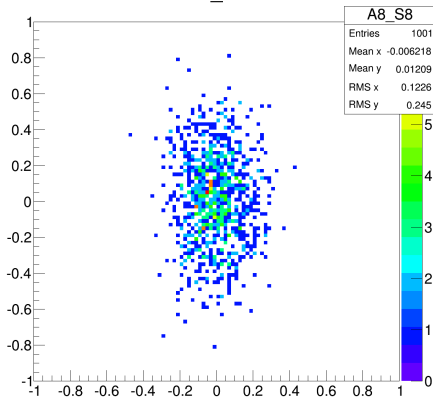
A6s_S6s

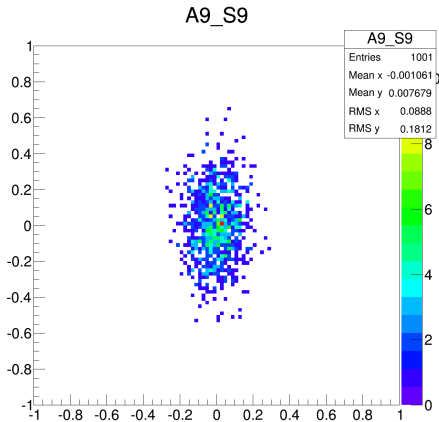


A7_S7

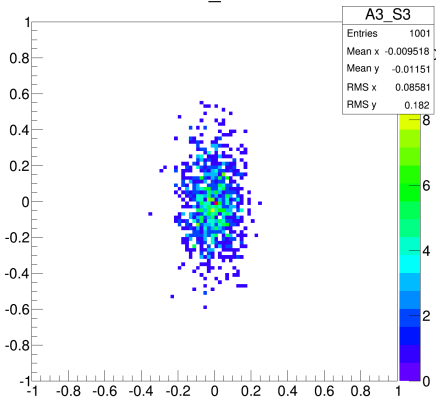


A8_S8

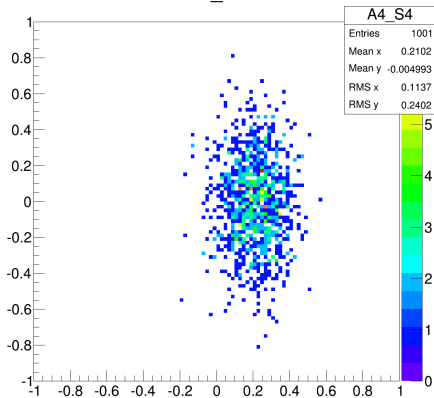




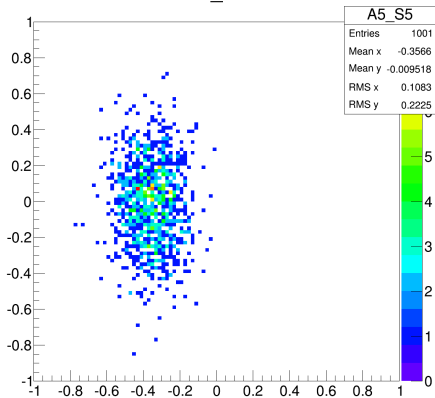
A3_S3



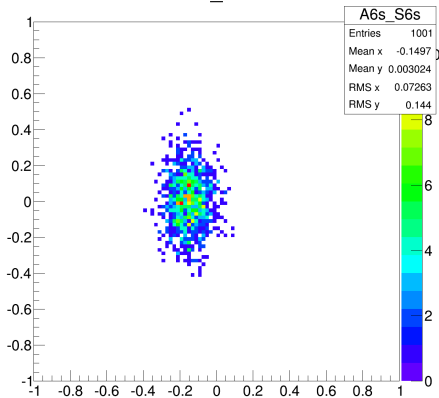
A4_S4



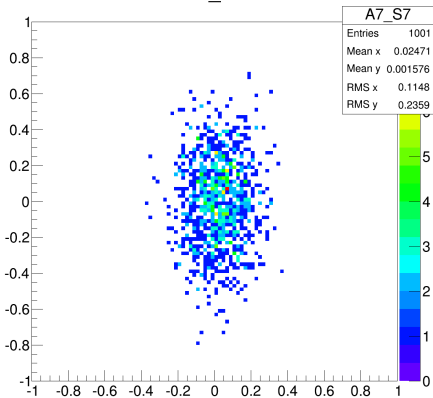
A5_S5



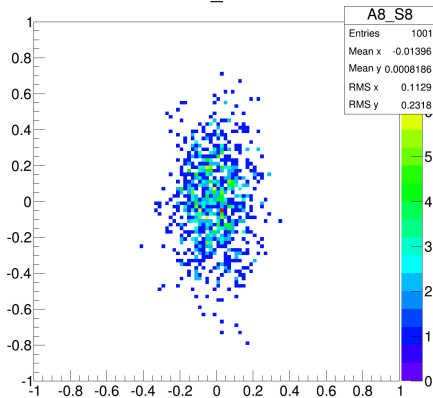
A6s_S6s



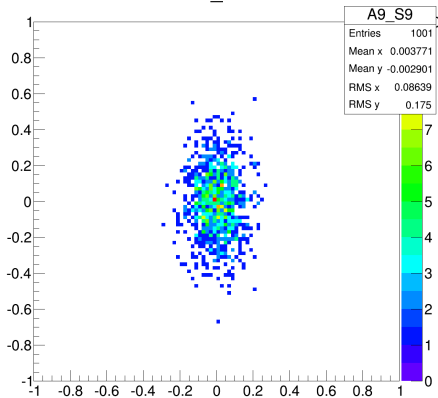
A7_S7



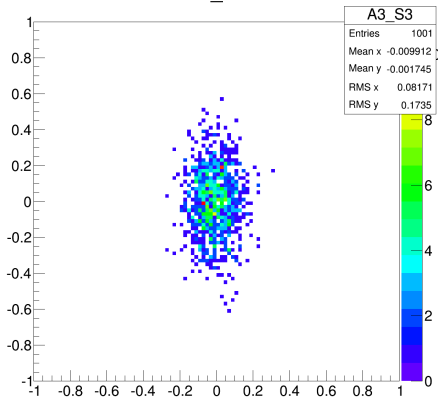
A8_S8



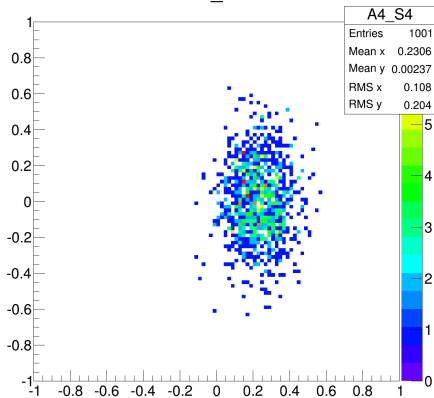
A9_S9



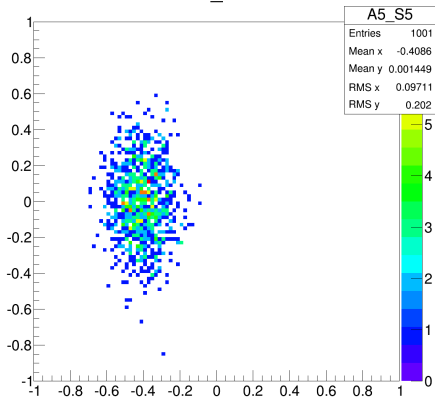
A3_S3



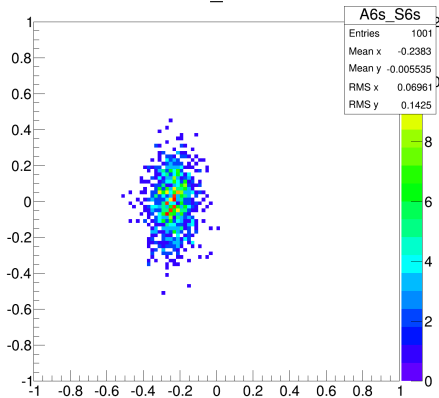
A4_S4



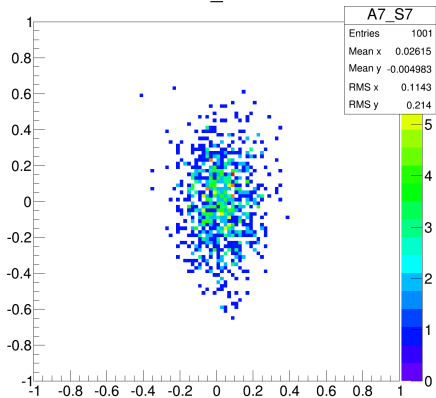
A5_S5



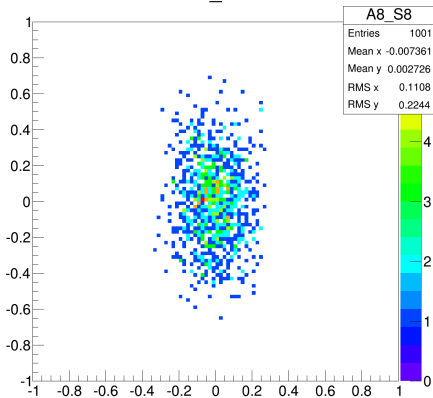
A6s_S6s



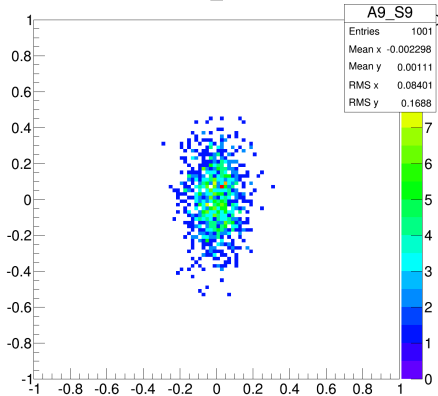
A7_S7



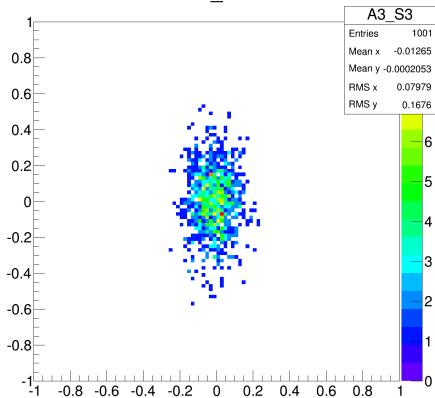
A8_S8



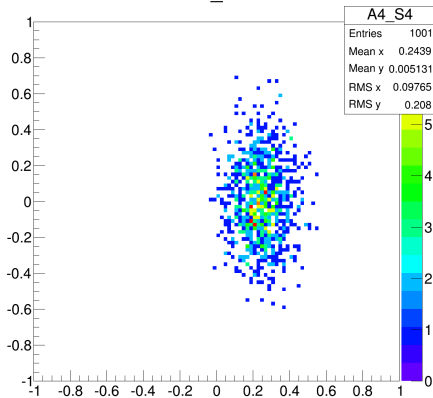
A9_S9



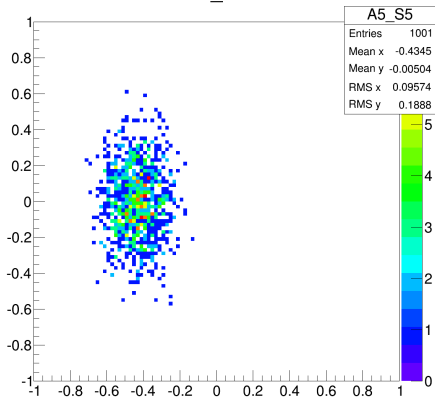
A3_S3



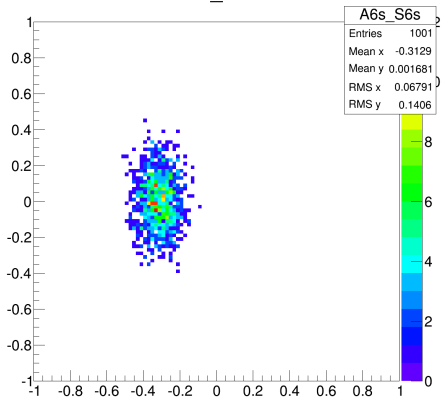
A4_S4



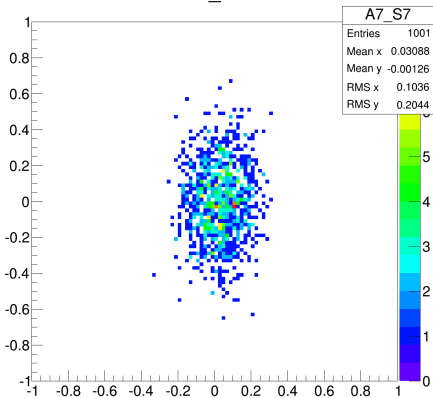
A5_S5



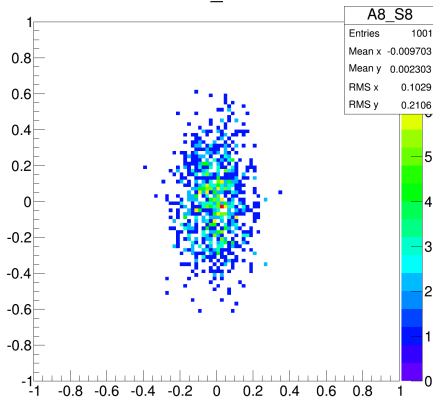
A6s_S6s



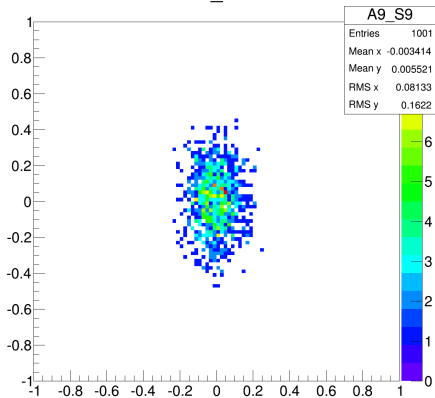
A7_S7



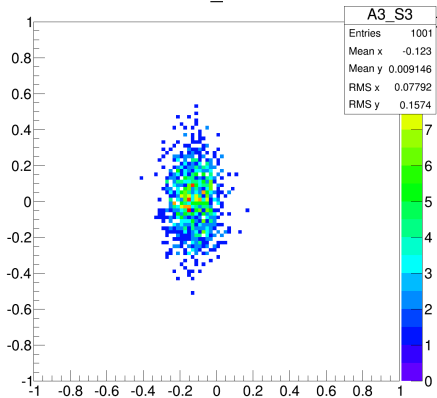
A8_S8



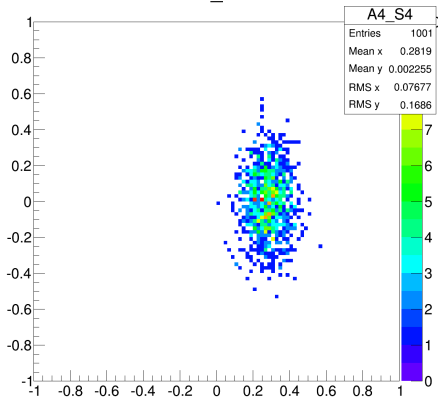
A9_S9



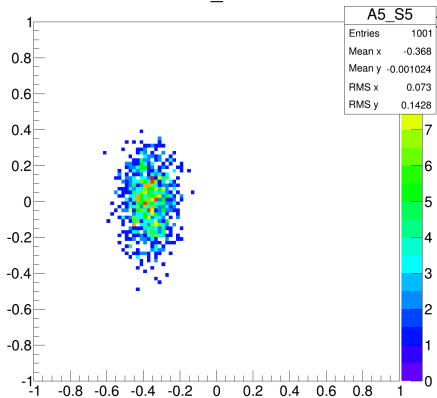
A3_S3



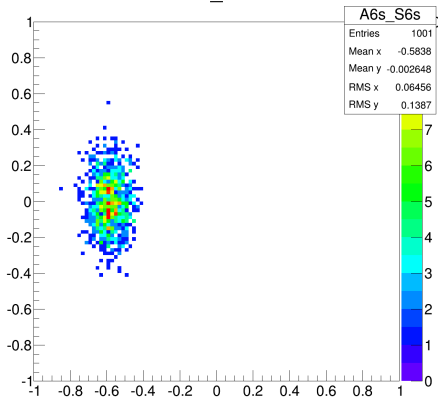
A4_S4



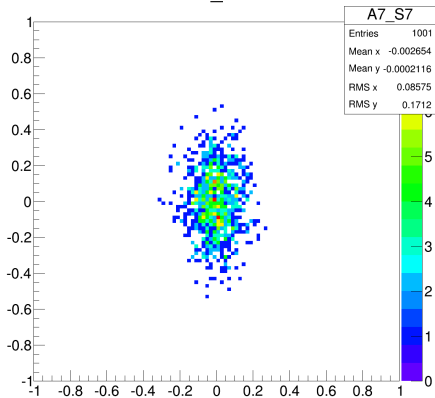
A5_S5



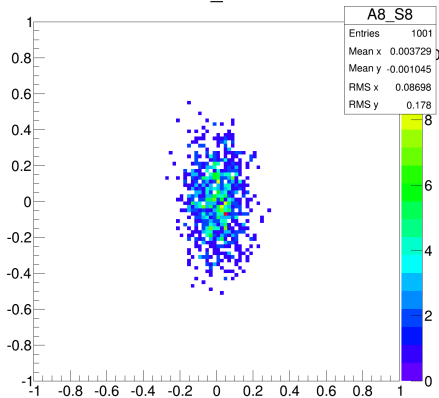
A6s_S6s

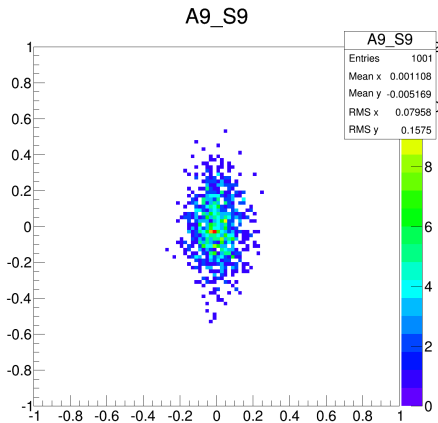


A7_S7

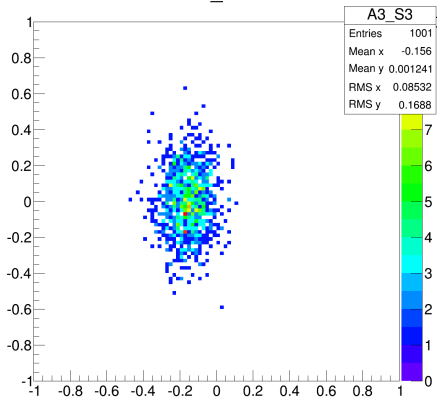


A8_S8

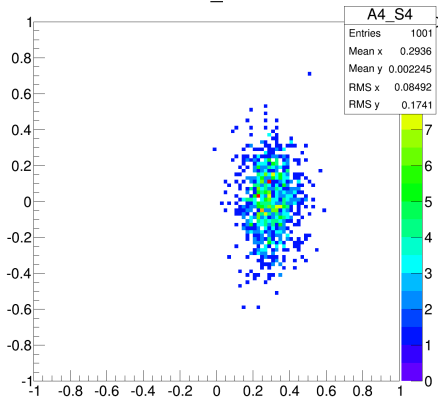




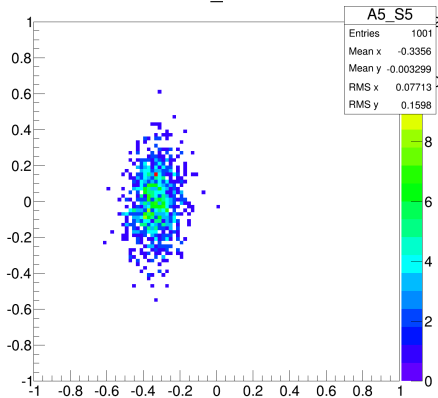
A3_S3



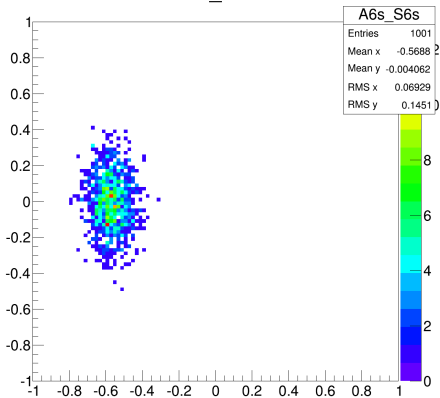
A4_S4



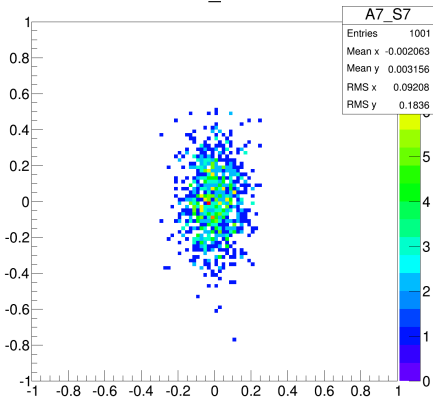
A5_S5



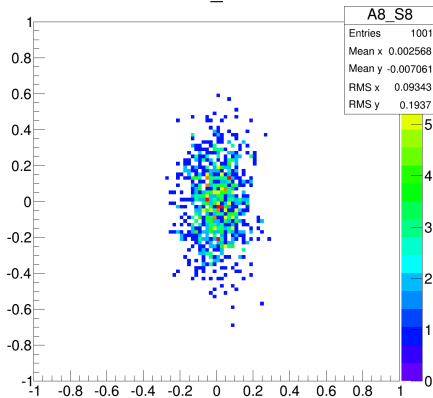
A6s_S6s

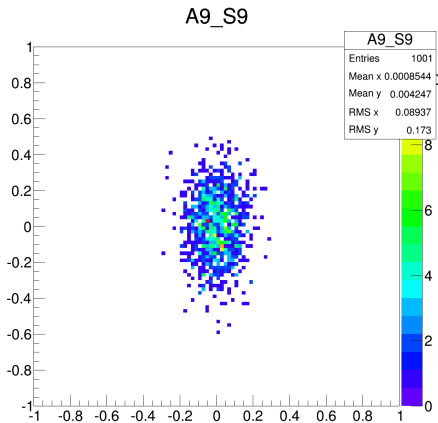


A7_S7

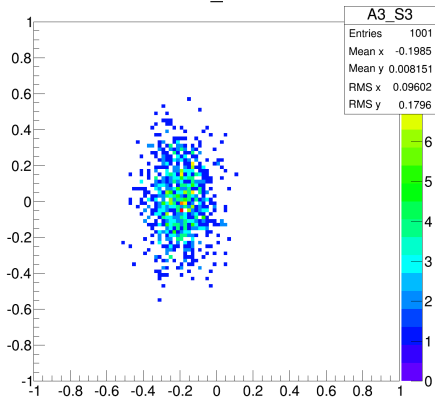


A8_S8

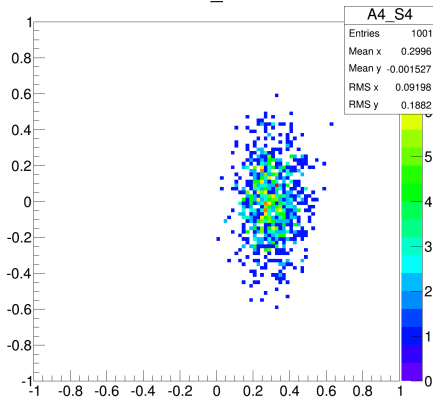




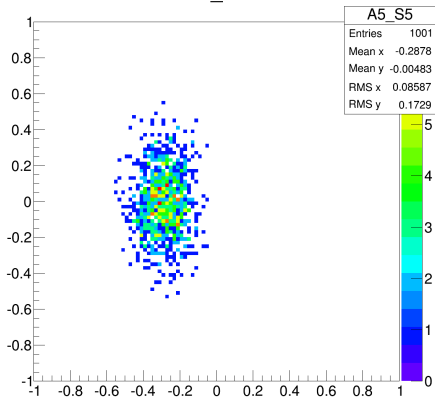
A3_S3



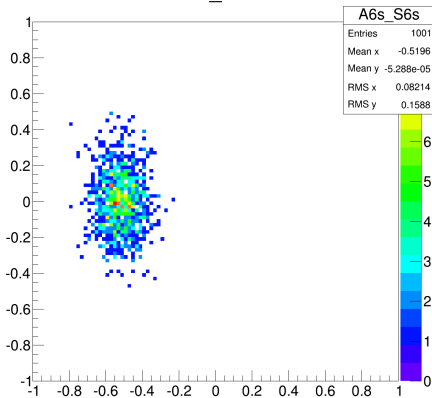
A4_S4



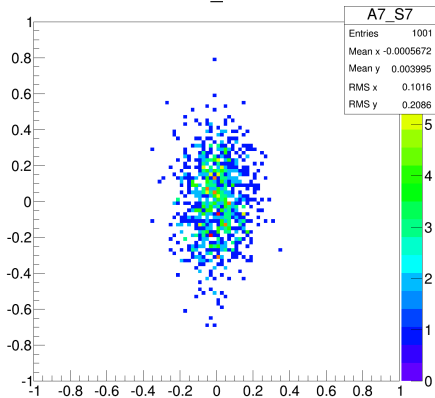
A5_S5



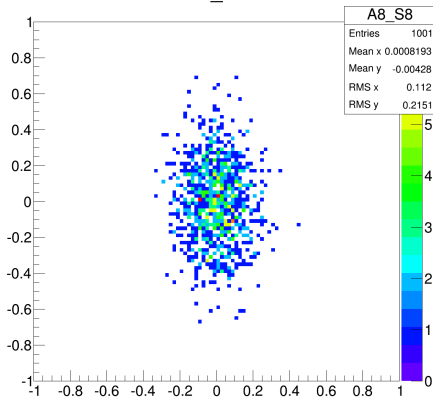
A6s_S6s

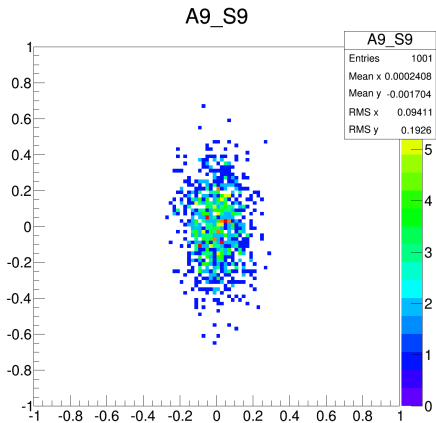


A7_S7

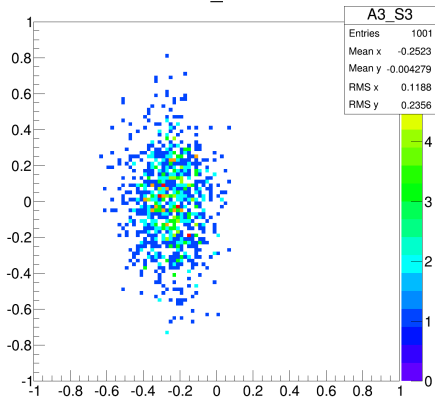


A8_S8

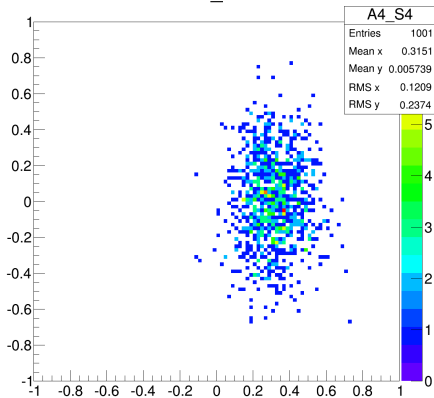




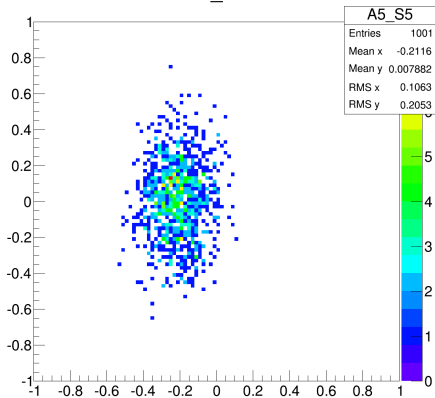
A3_S3



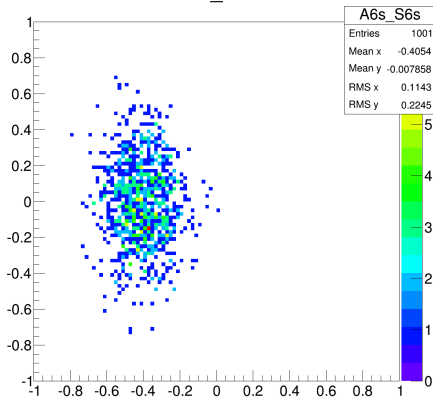
A4_S4



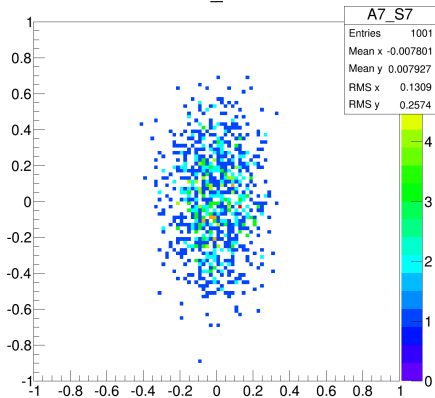
A5_S5



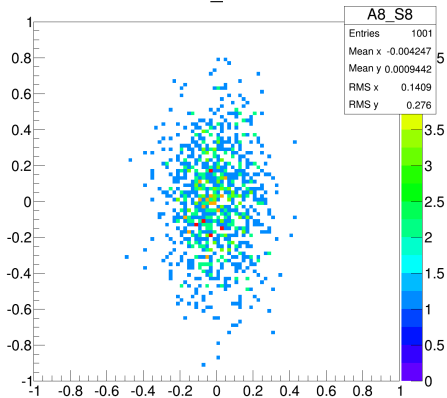
A6s_S6s

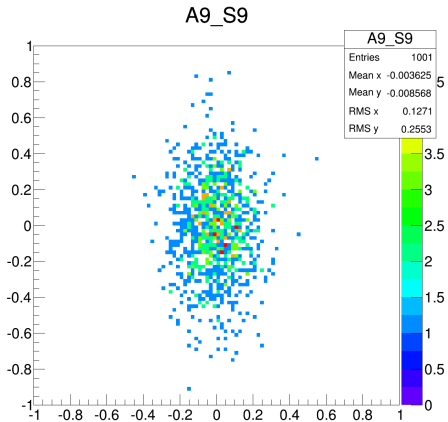


A7_S7



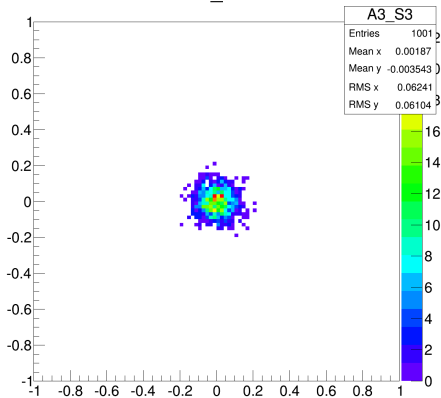
A8_S8



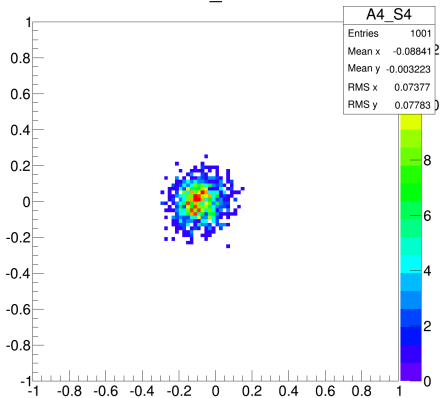


BACKUPs V2

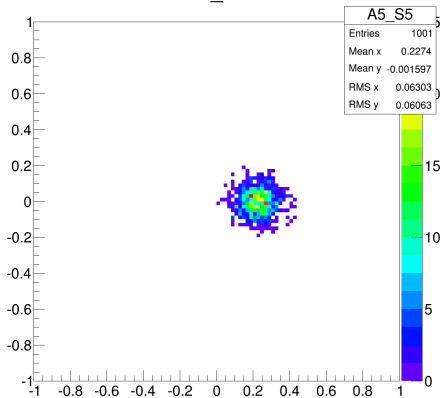
A3_S3



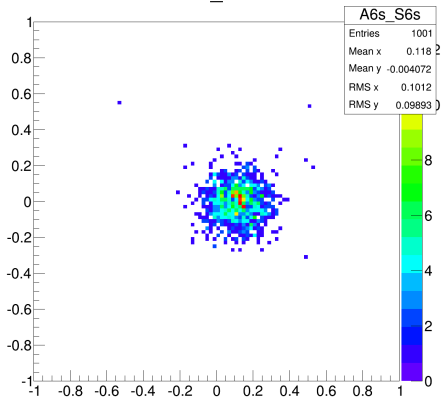
A4_S4



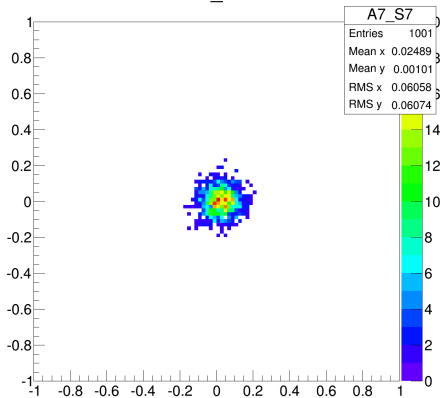
A5_S5



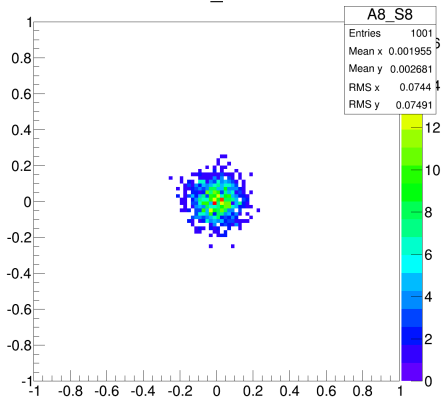
A6s_S6s

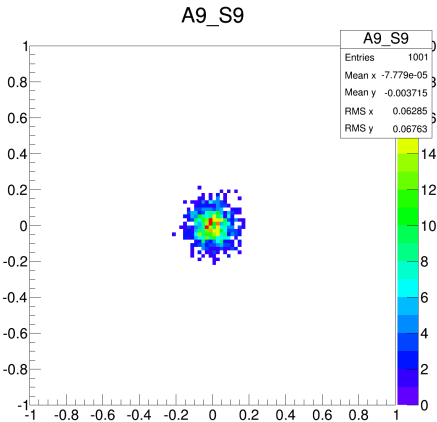


A7_S7

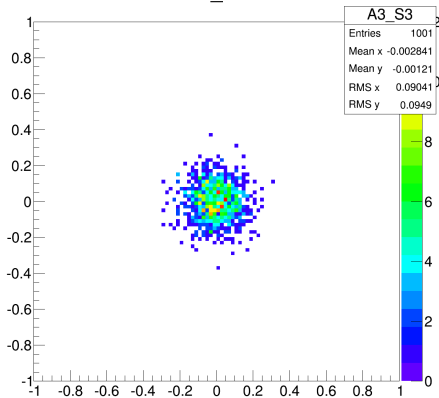


A8_S8

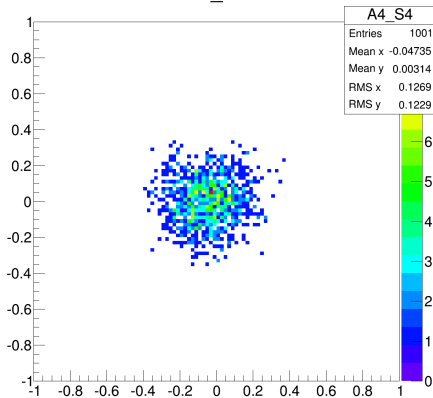




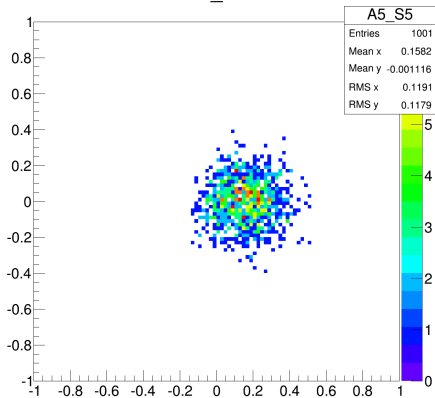
A3_S3



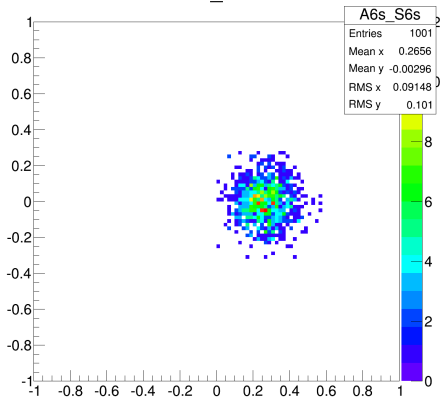
A4_S4



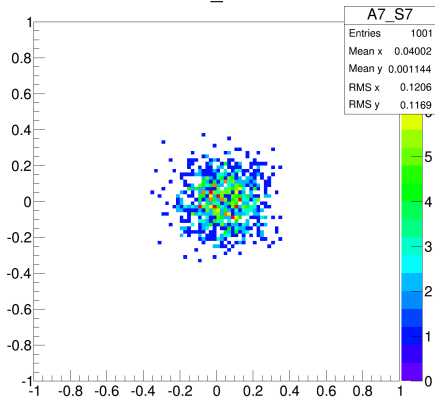
A5_S5



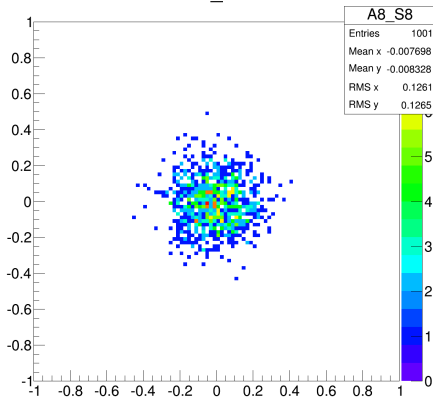
A6s_S6s



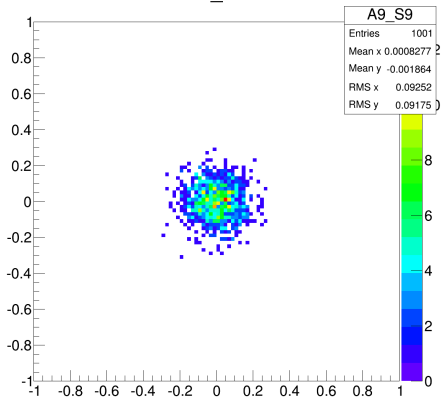
A7_S7



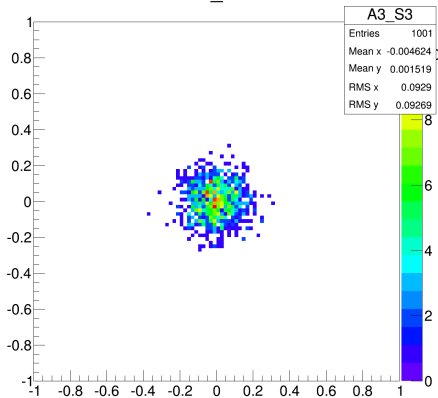
A8_S8



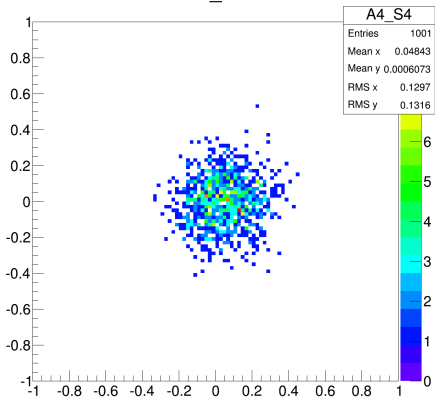
A9_S9



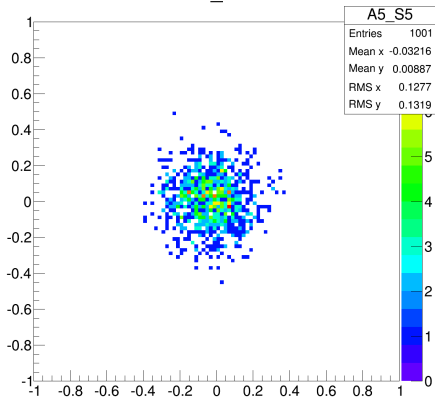
A3_S3



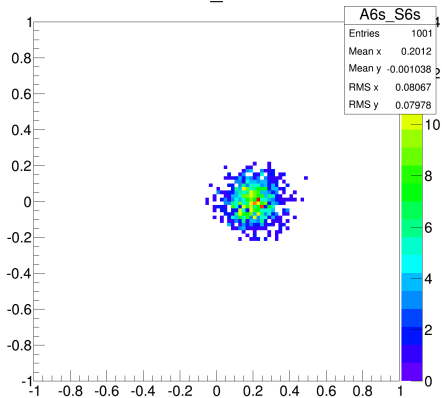
A4_S4



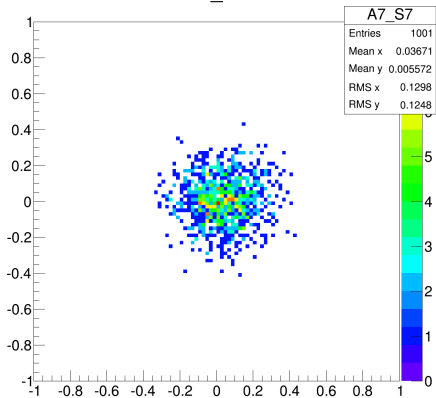
A5_S5



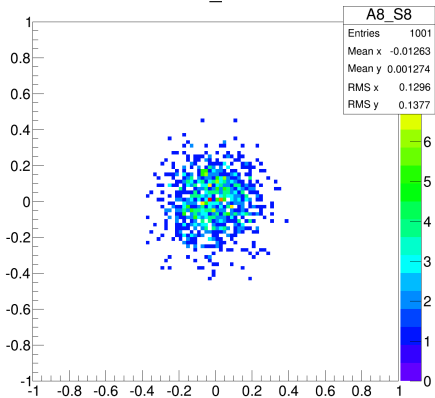
A6s_S6s



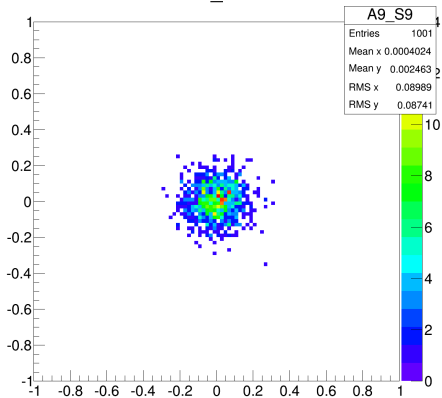
A7_S7



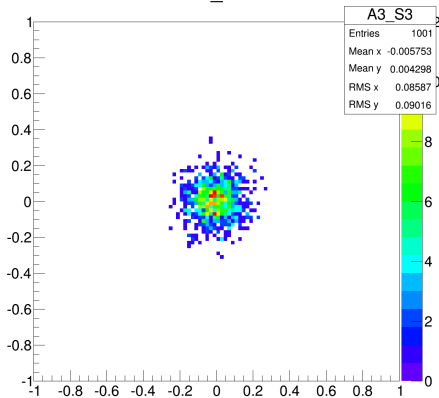
A8_S8



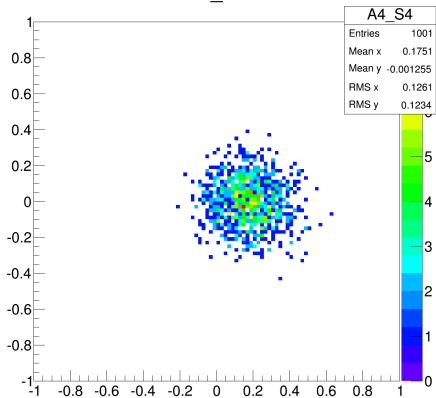
A9_S9



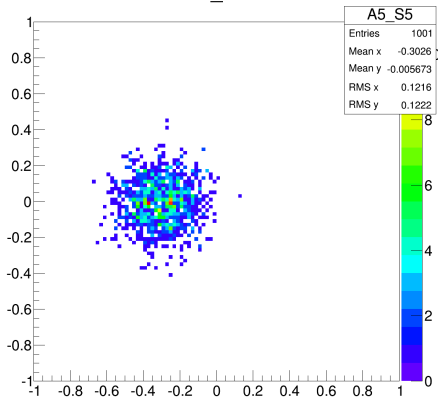
A3_S3



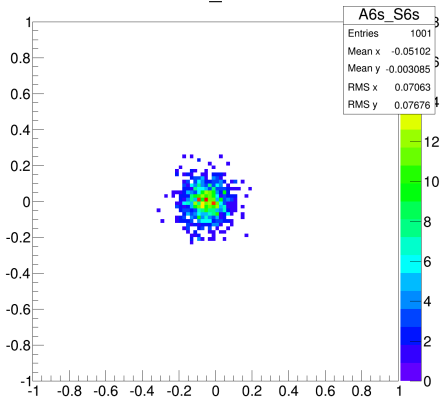
A4_S4



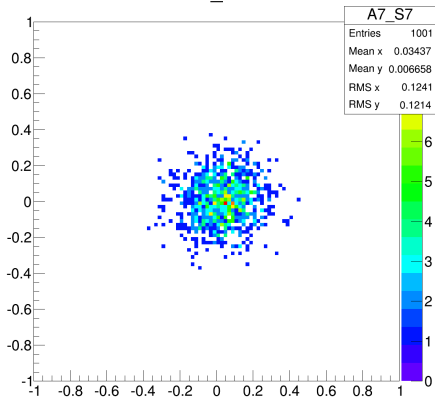
A5_S5



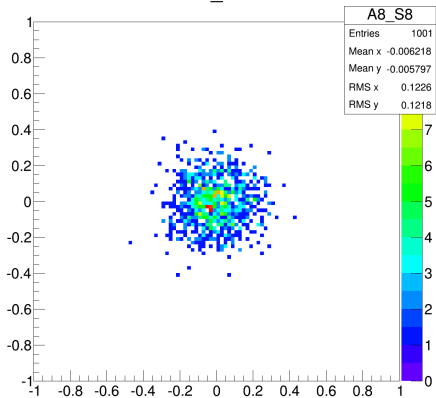
A6s_S6s



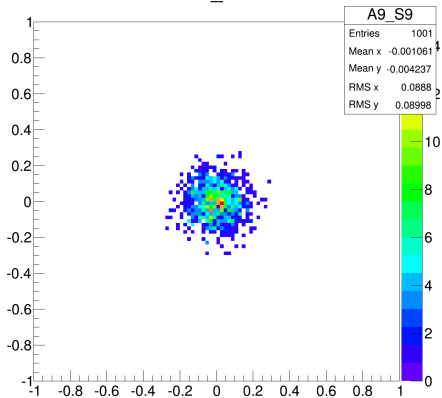
A7_S7



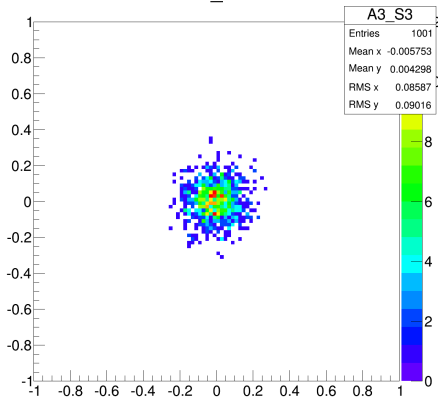
A8_S8



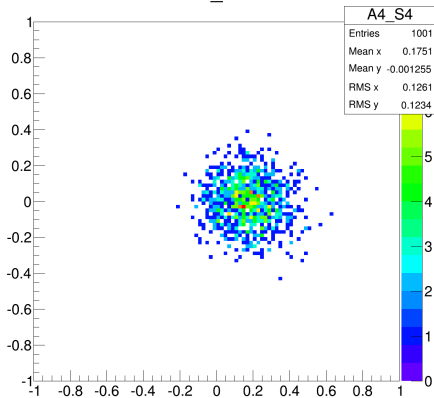
A9_S9



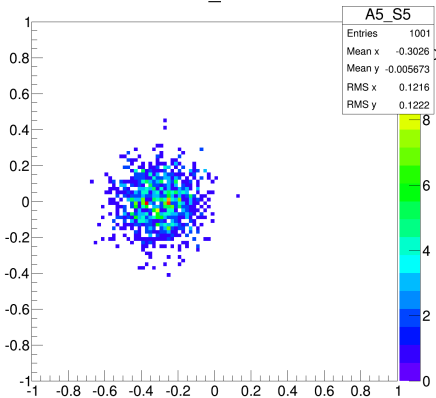
A3_S3



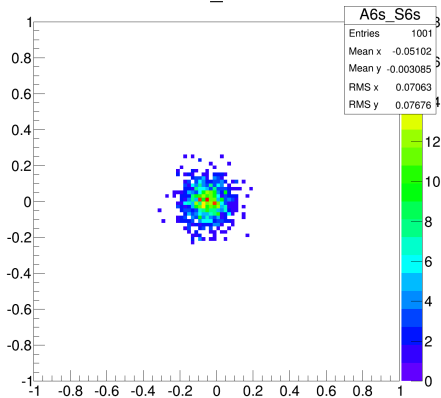
A4_S4



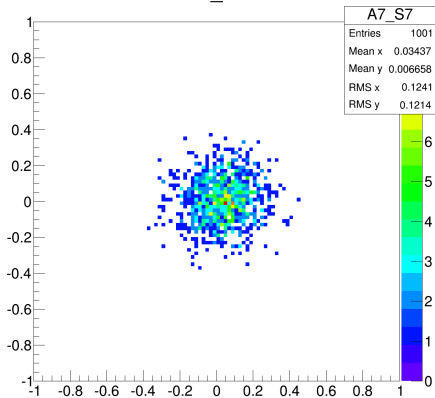
A5_S5



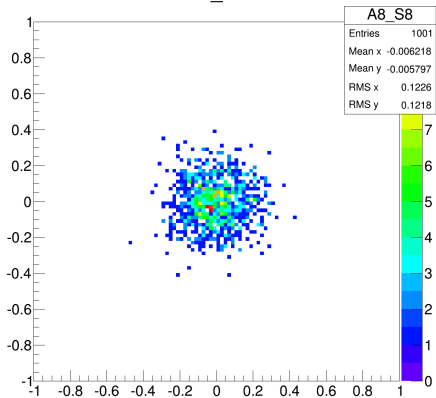
A6s_S6s

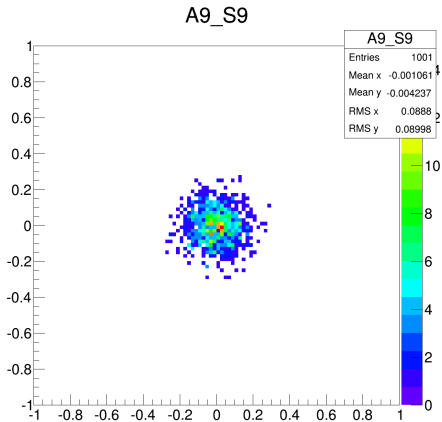


A7_S7

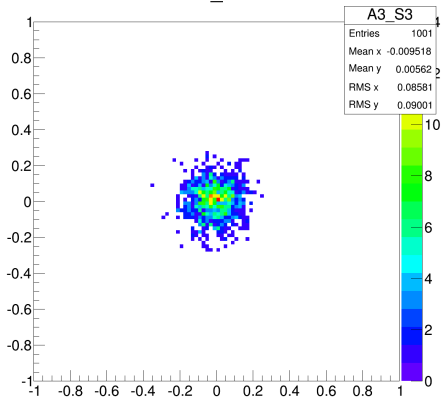


A8_S8

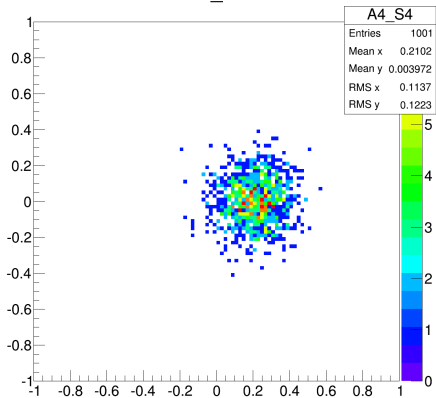




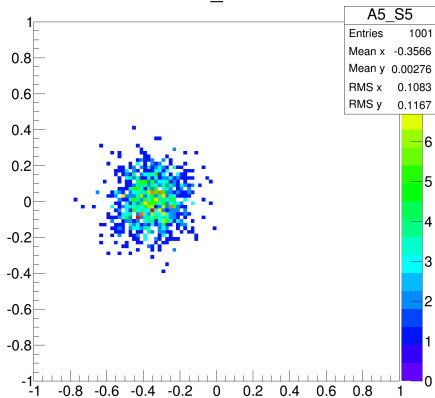
A3_S3



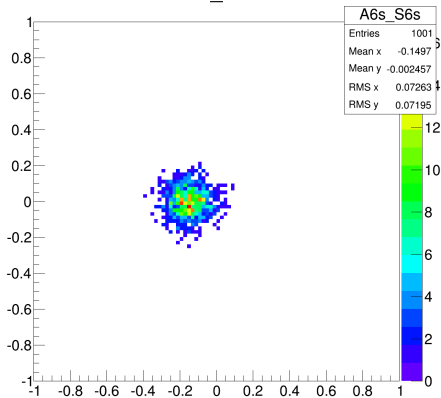
A4_S4



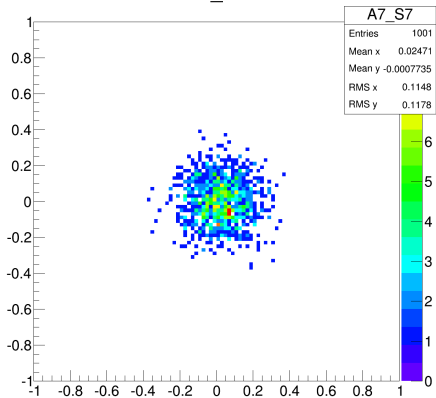
A5_S5



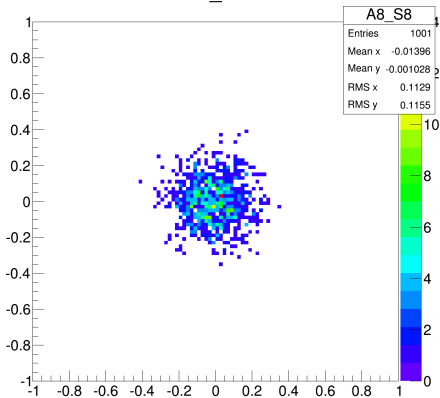
A6s_S6s



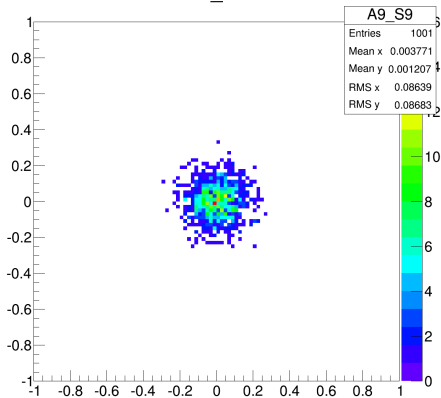
A7_S7



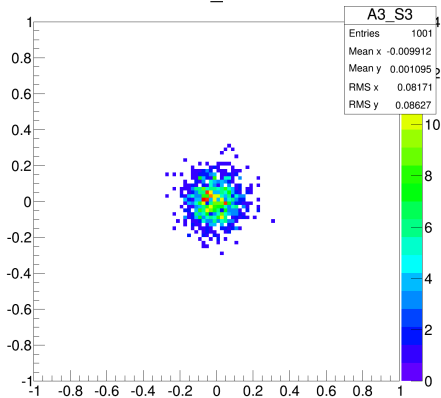
A8_S8



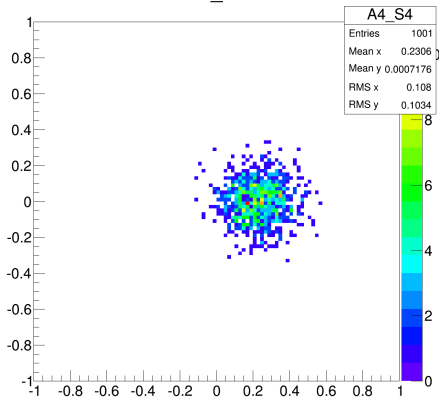
A9_S9



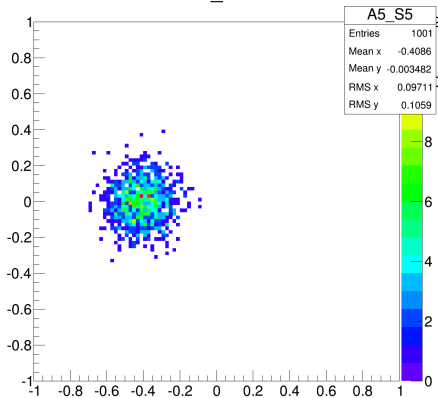
A3_S3



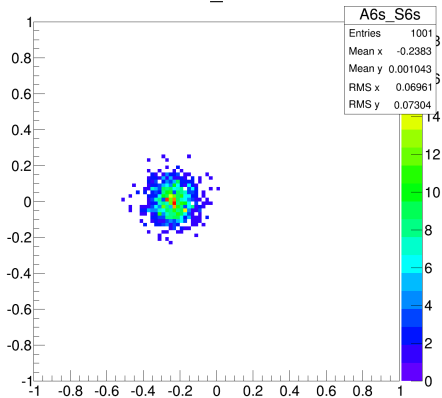
A4_S4



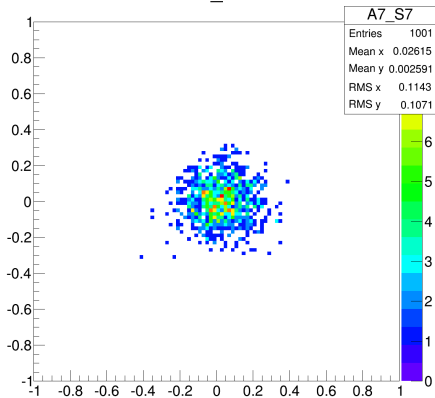
A5_S5



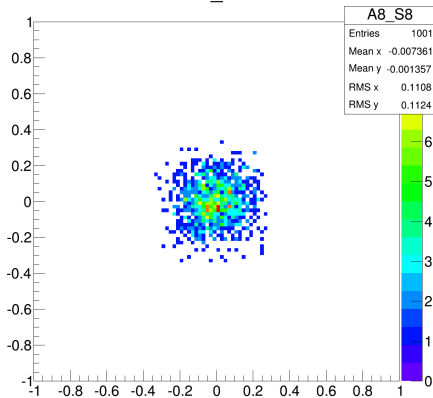
A6s_S6s

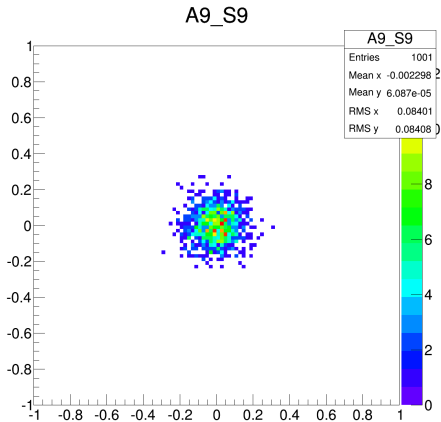


A7_S7

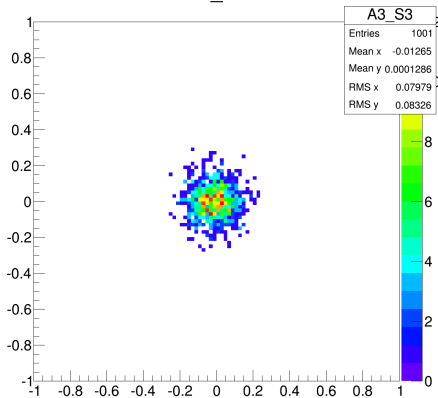


A8_S8

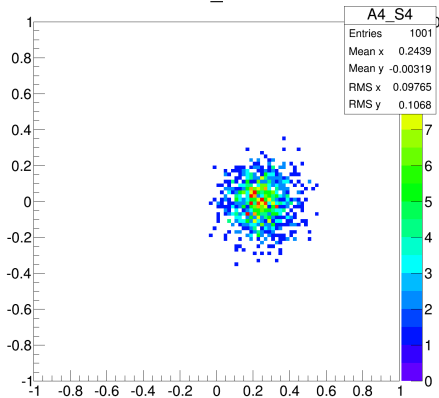




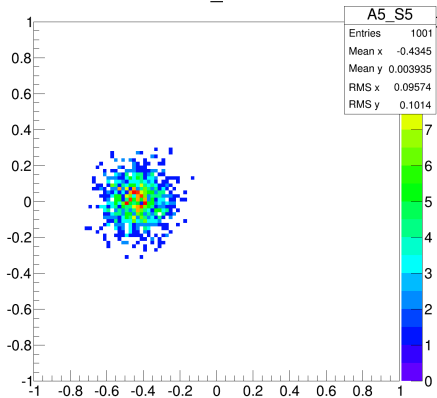
A3_S3



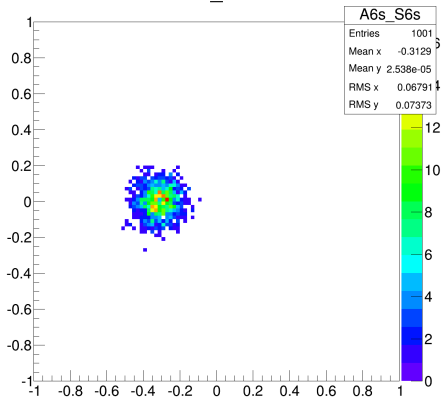
A4_S4



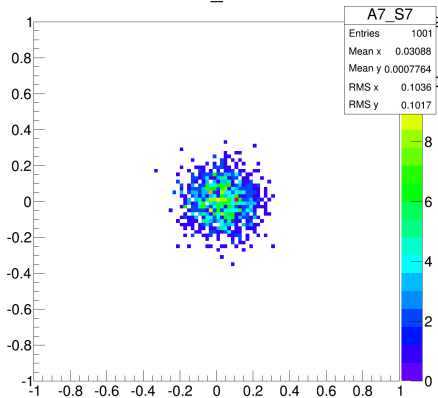
A5_S5



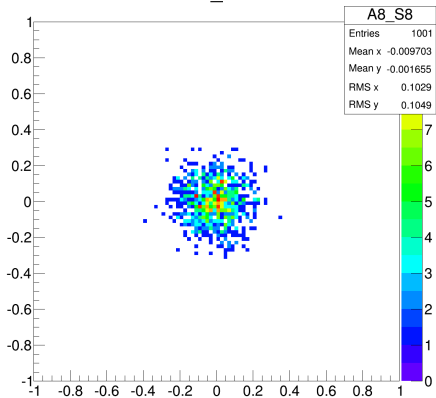
A6s_S6s



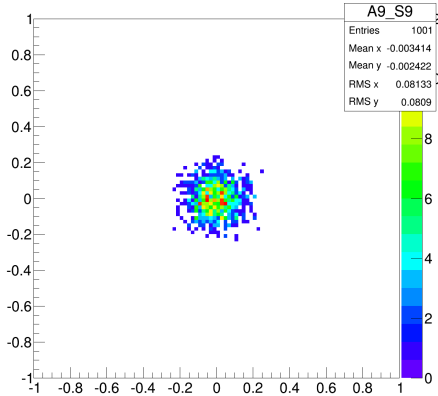
A7_S7



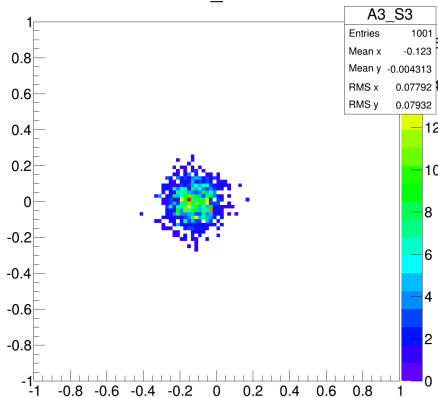
A8_S8



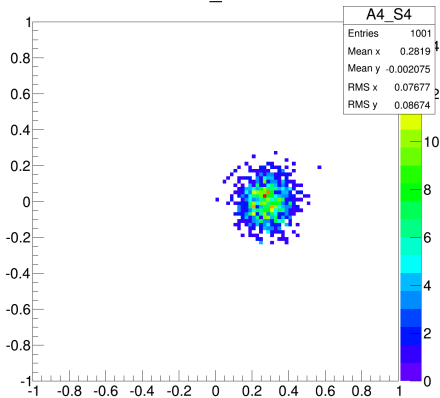
A9_S9



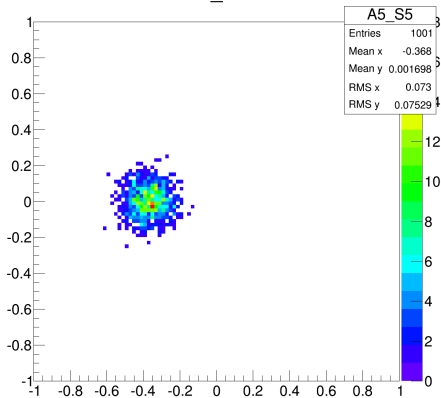
A3_S3



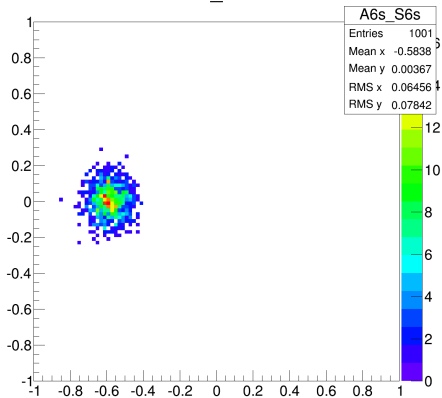
A4_S4



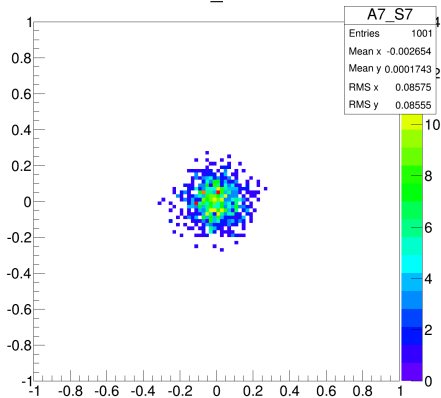
A5_S5



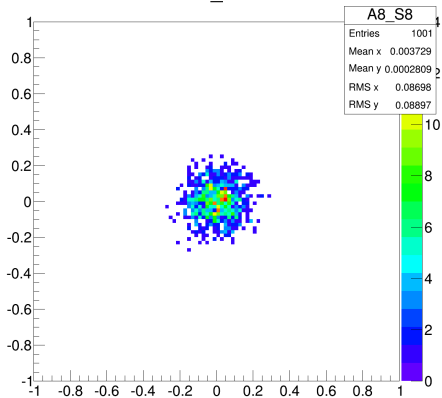
A6s_S6s

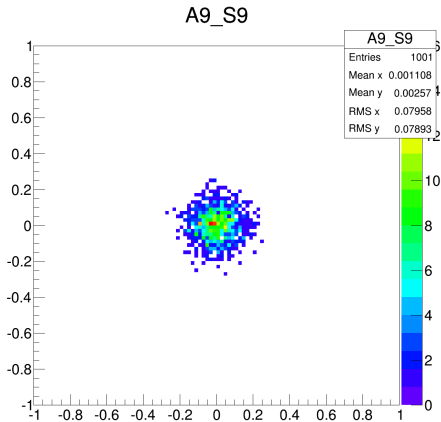


A7_S7

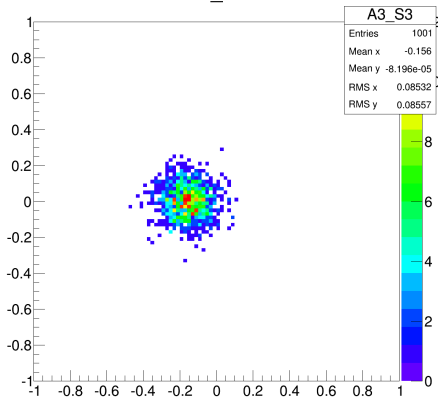


A8_S8

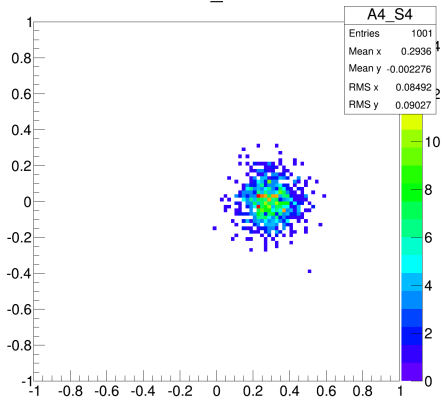




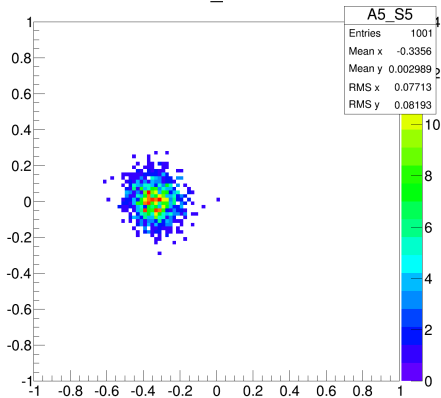
A3_S3



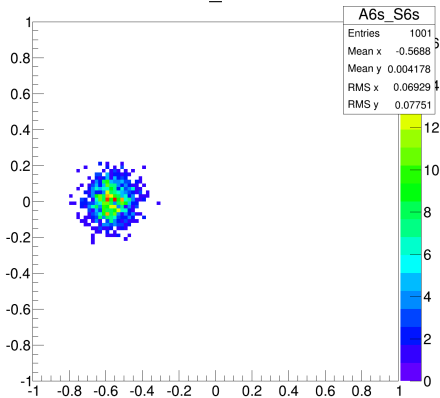
A4_S4



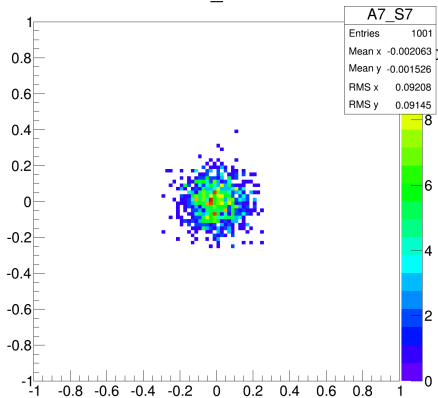
A5_S5



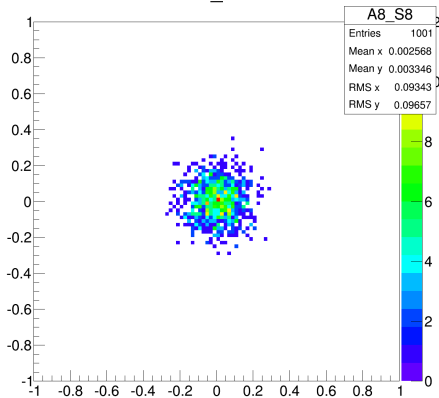
A6s_S6s

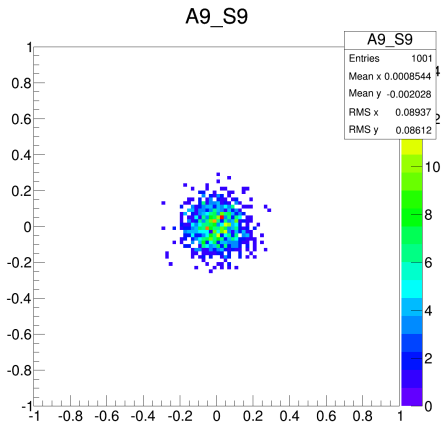


A7_S7

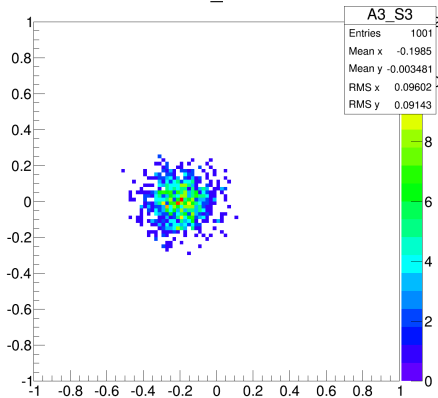


A8_S8

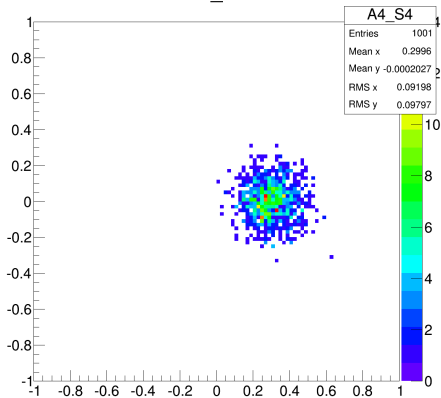




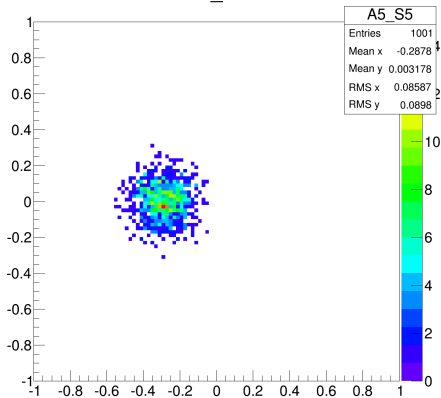
A3_S3



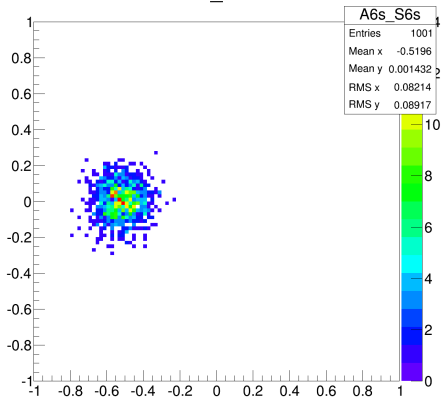
A4_S4



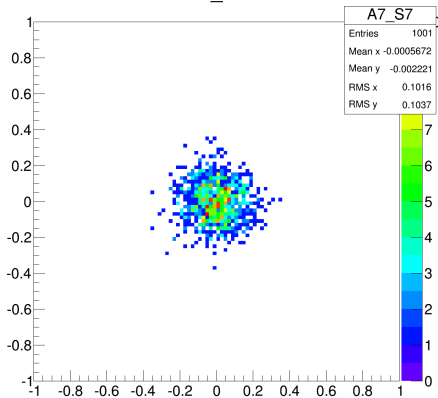
A5_S5



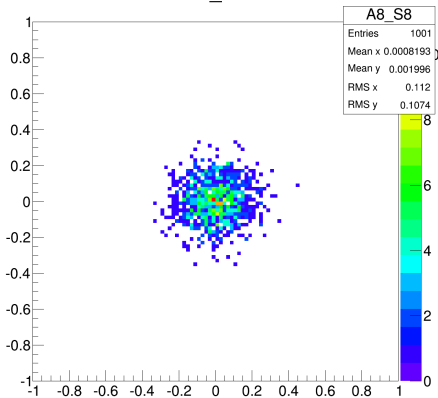
A6s_S6s



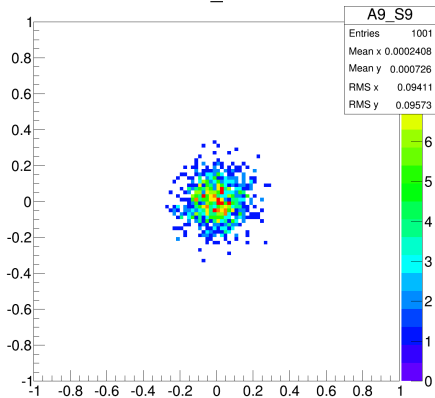
A7_S7



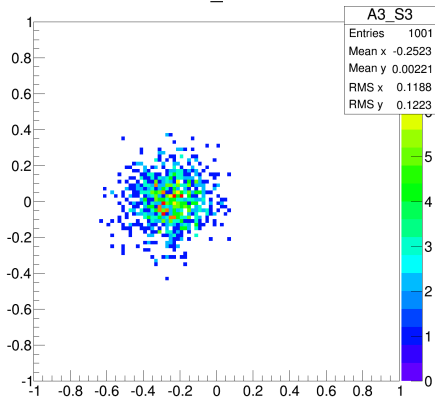
A8_S8



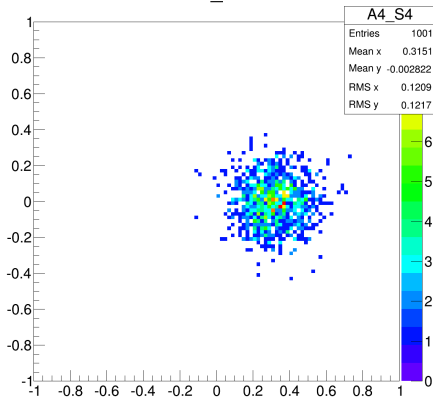
A9_S9



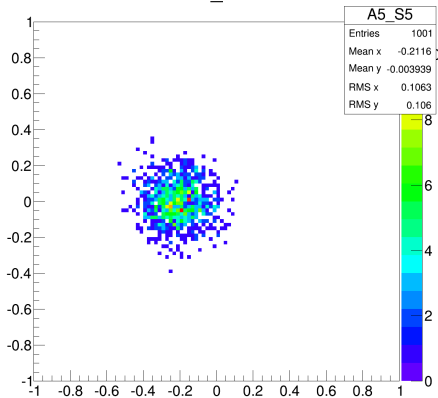
A3_S3



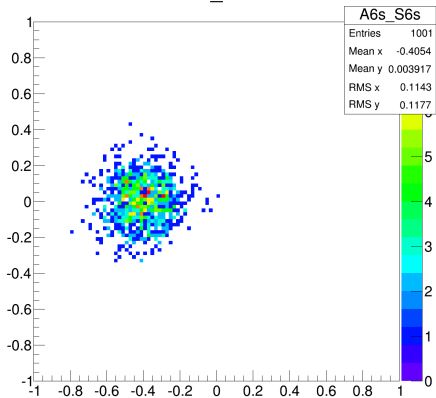
A4_S4



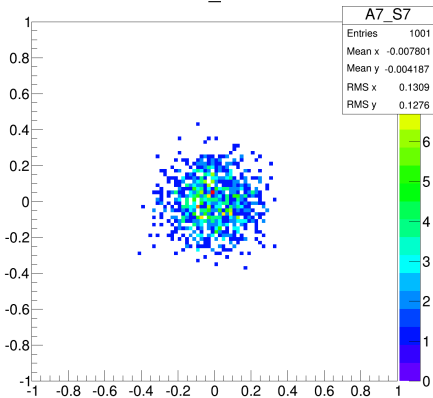
A5_S5



A6s_S6s



A7_S7



A8_S8

