

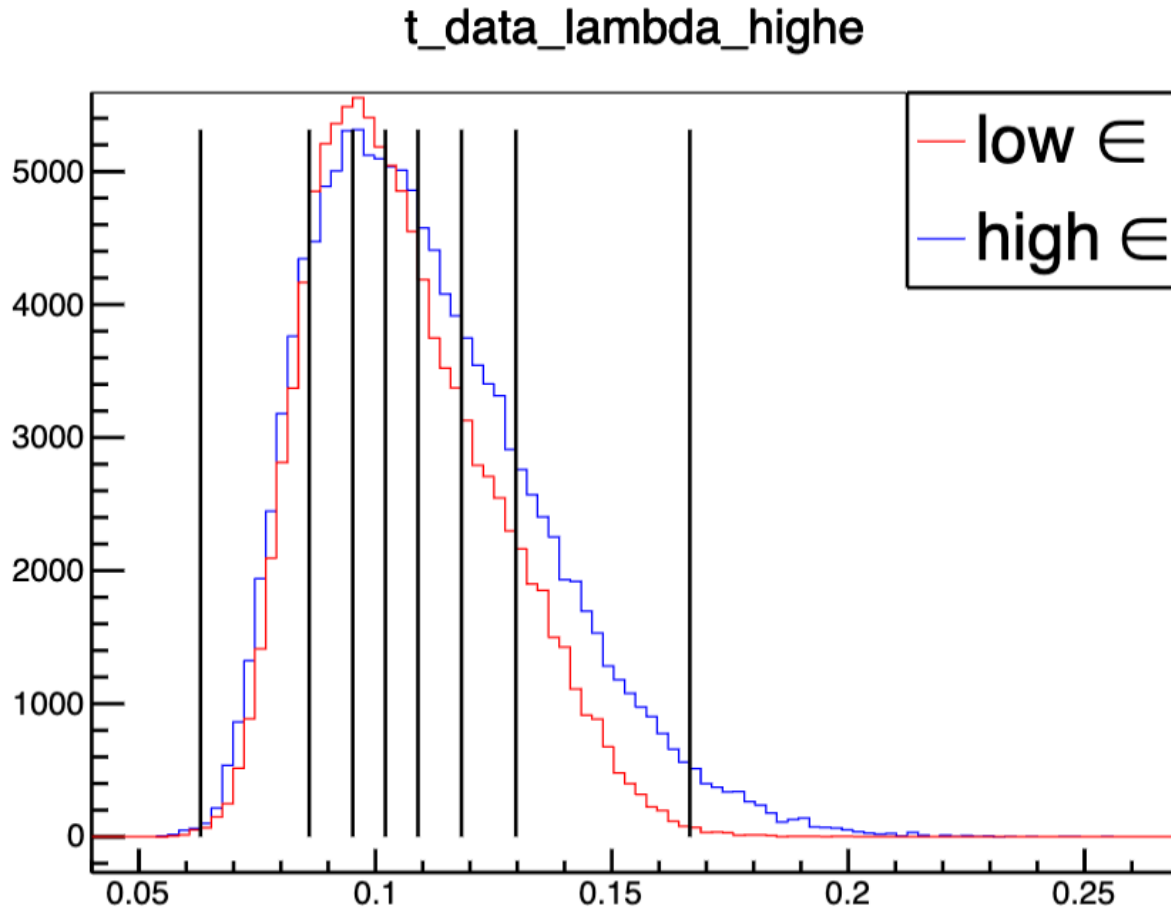


T-binning & Diamond Cuts

Abdennacer Hamdi

Kaon LT Meeting
03/20/2025

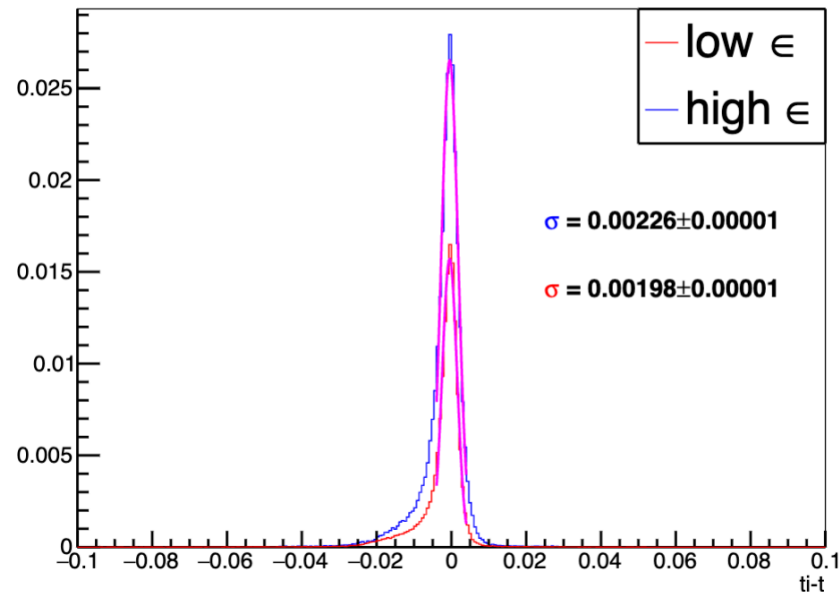
Yields Λ



Yields Δ

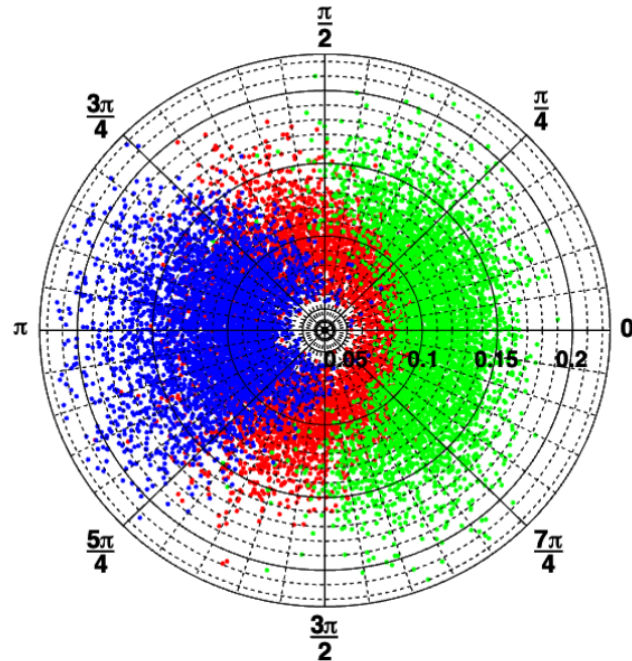
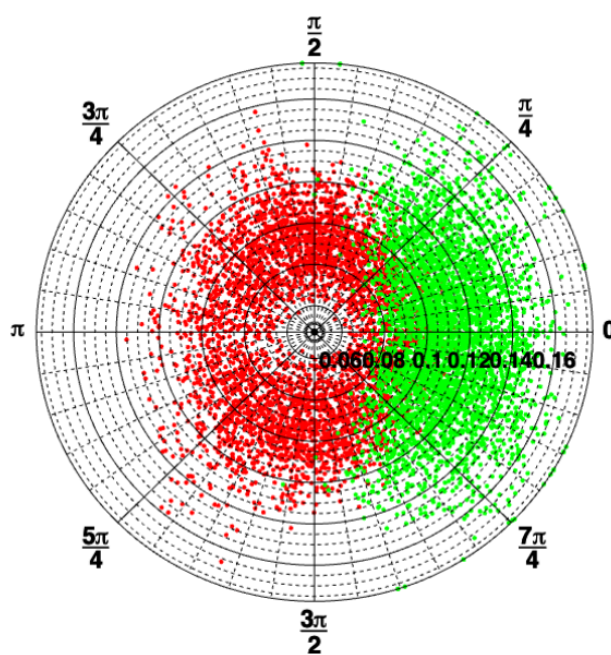
t_min	t_max	Yield(love)	Error(love)	Yield(highe)	Error(highe)
0.063	0.086	15723.333	159.133	18709.333	170.178
0.086	0.093	15418.001	148.274	14363.667	145.677
0.095	0.102	16143.667	154.619	15530.333	154.172
0.102	0.109	14446.833	148.689	14904.333	152.534
0.109	0.118	14831.667	154.798	16977.834	166.418
0.118	0.13	13471.0	149.431	16917.5	168.268
0.13	0.166	14235.0	155.183	24476.667	208.238

deltaT Distribution

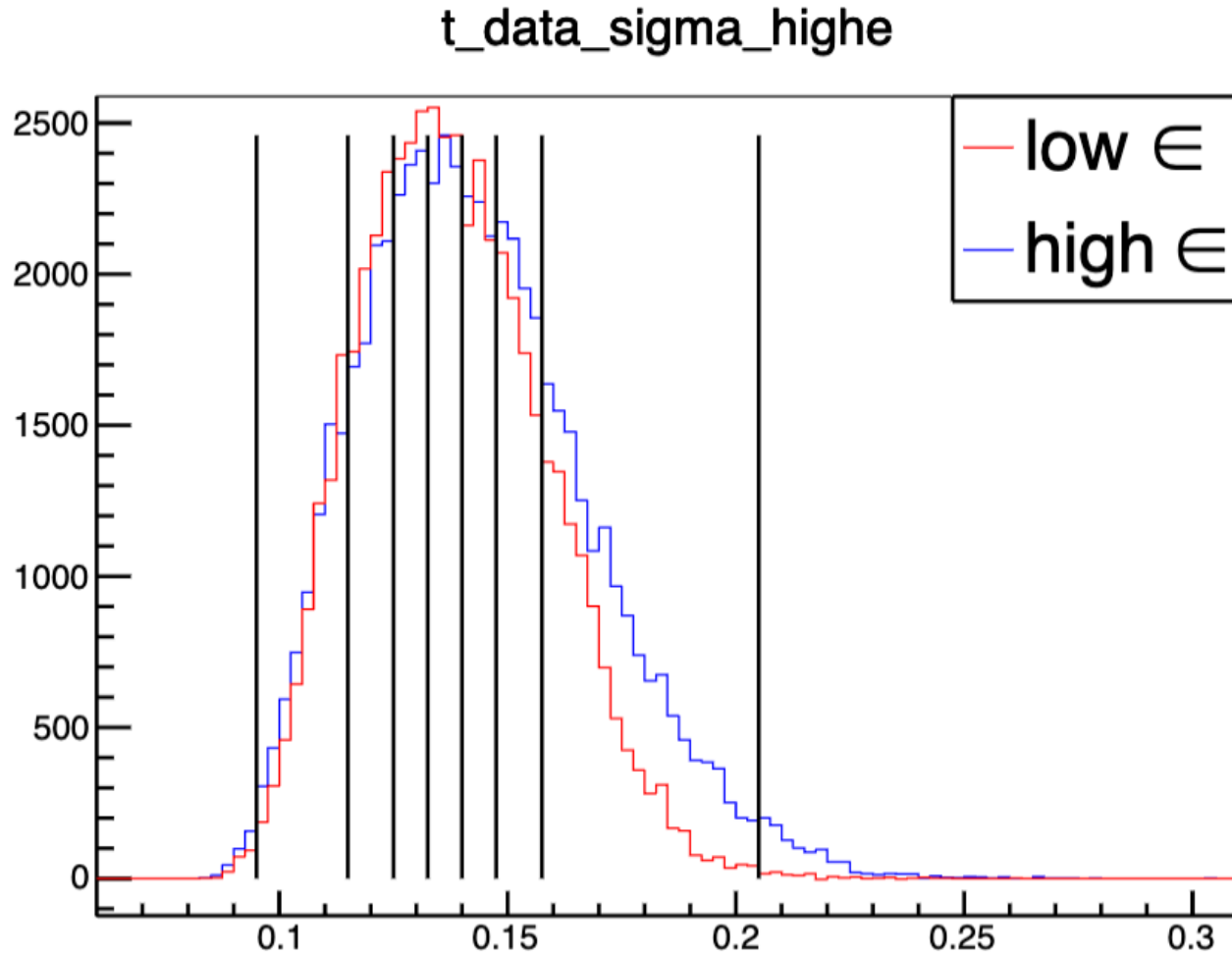


Yields Δ

t_min	t_max	Yield(love)	Error(love)	Yield(highe)	Error(highe)
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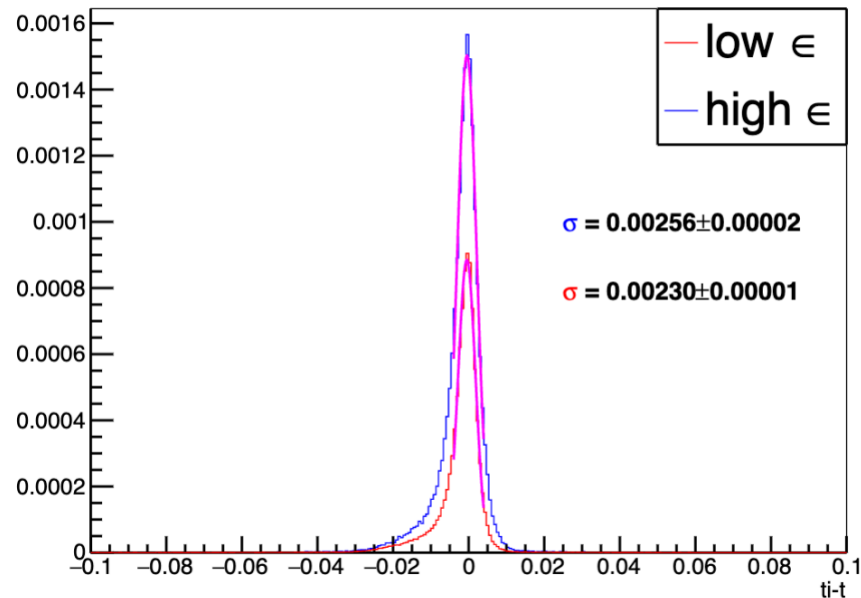
Yields Σ



Yields Σ

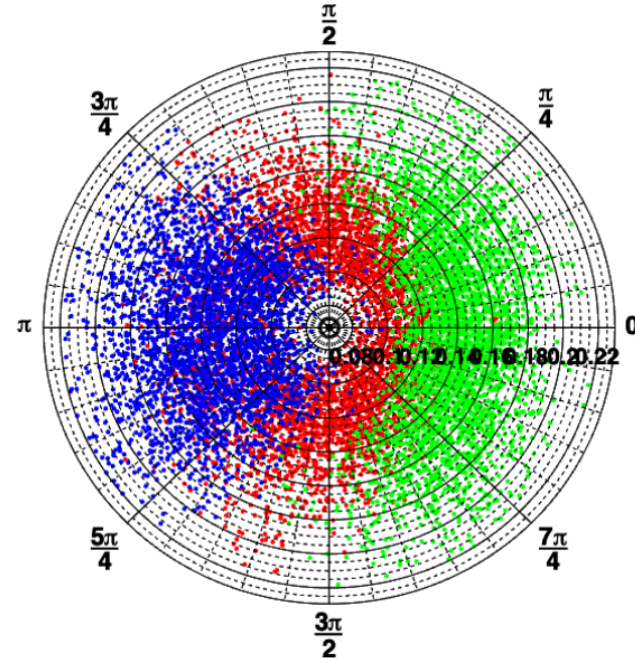
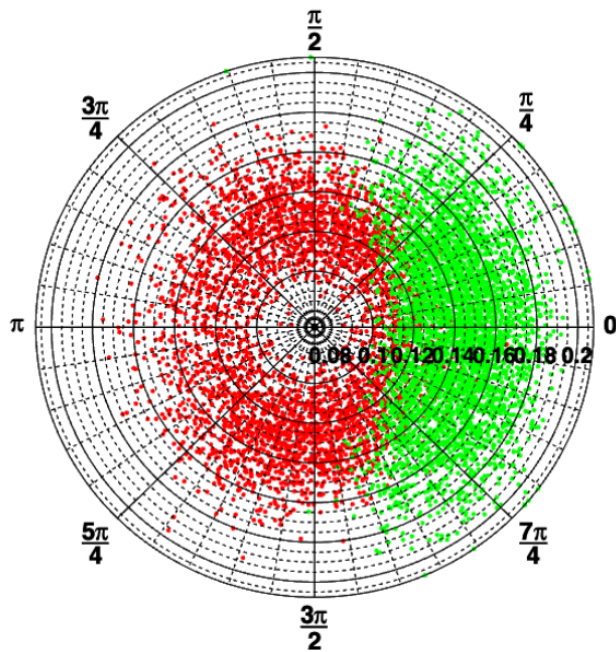
t_min	t_max	Yield(love)	Error(love)	Yield(highe)	Error(highe)
0.095	0.115	6777.833	124.728	7207.833	129.22
0.115	0.125	8228.5	144.529	7669.5	140.671
0.125	0.132	7355.5	141.831	7032.333	136.956
0.132	0.14	7463.667	146.721	7116.167	141.893
0.14	0.148	6651.167	142.939	6621.333	140.761
0.148	0.158	7262.833	152.322	8097.5	156.074
0.158	0.205	9122.833	177.912	14845.667	223.322

deltaT Distribution



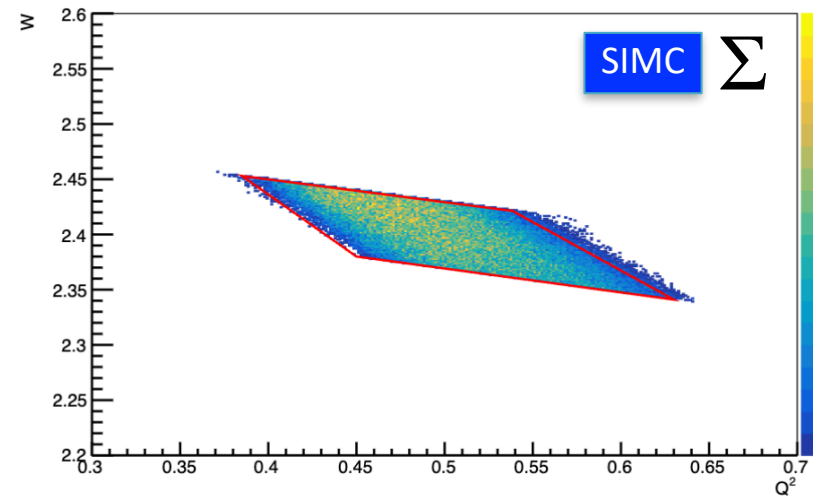
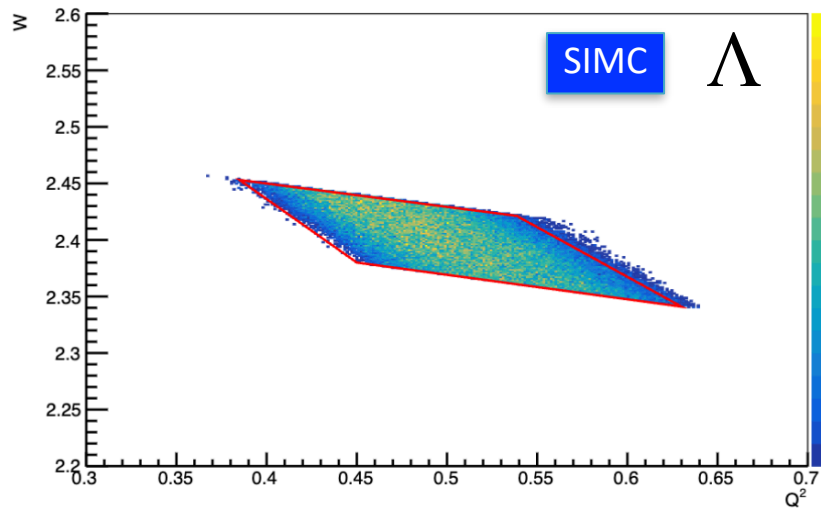
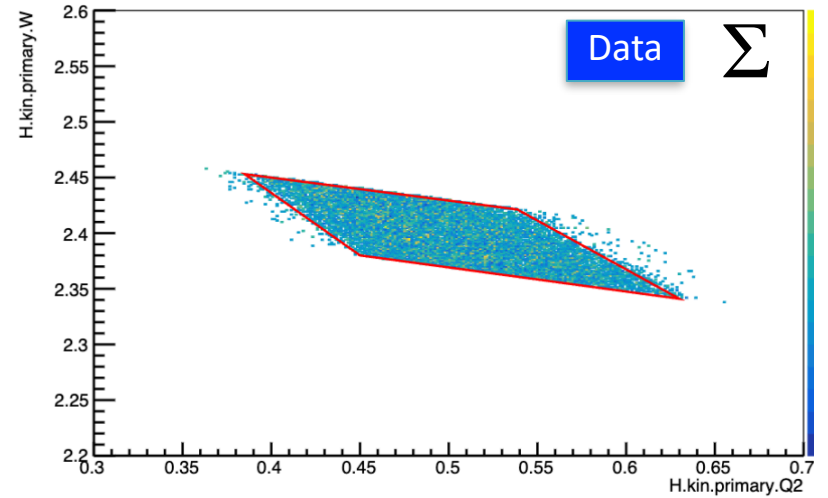
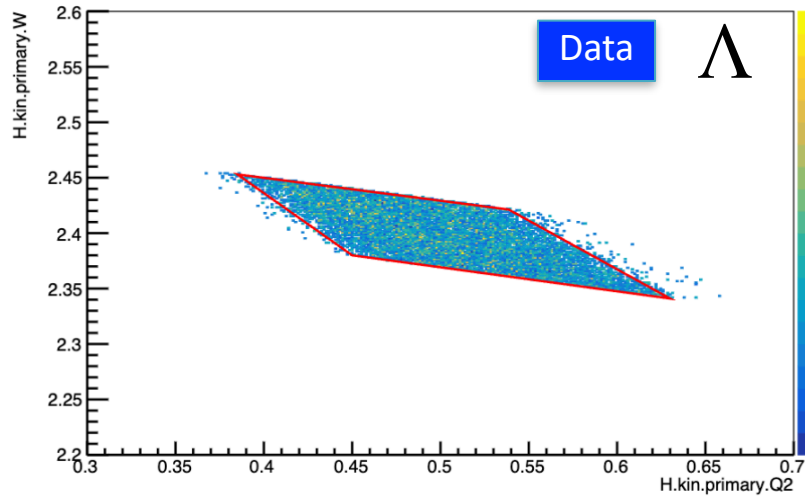
Yields Σ

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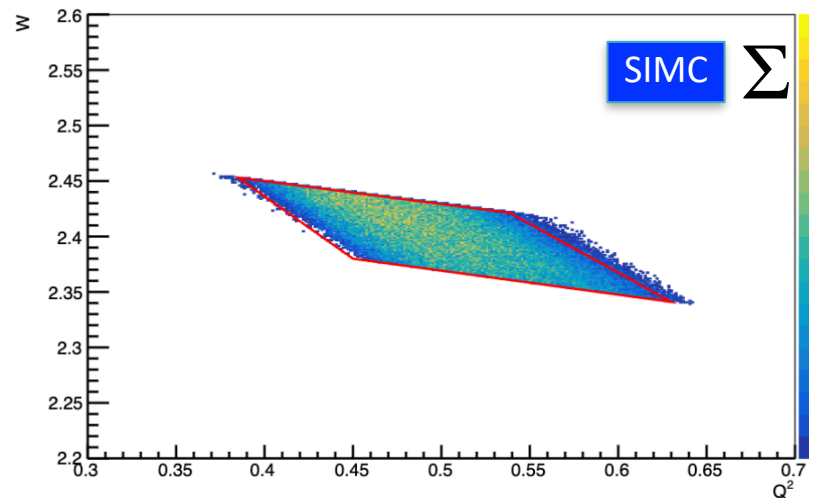
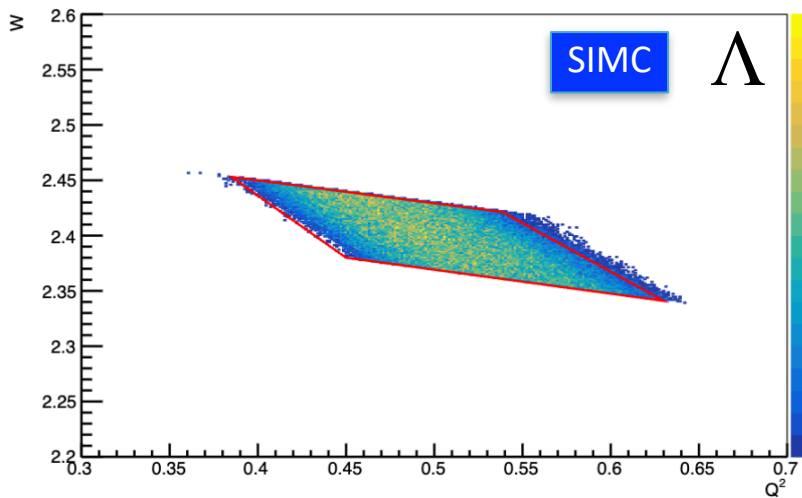
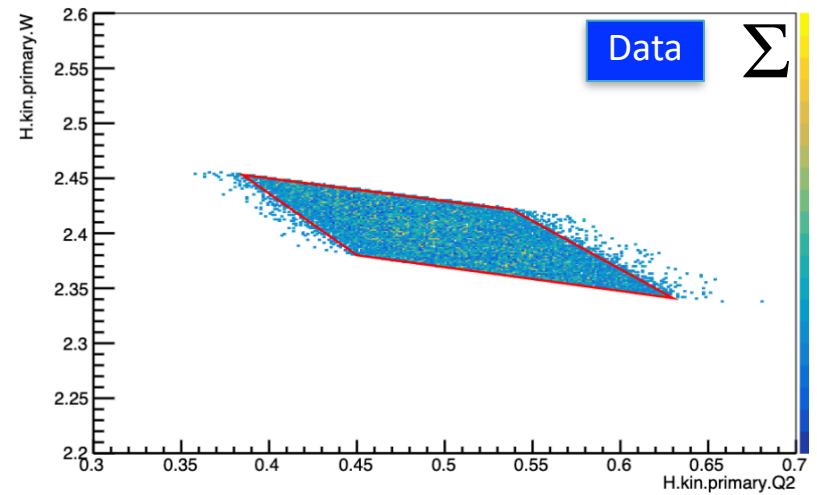
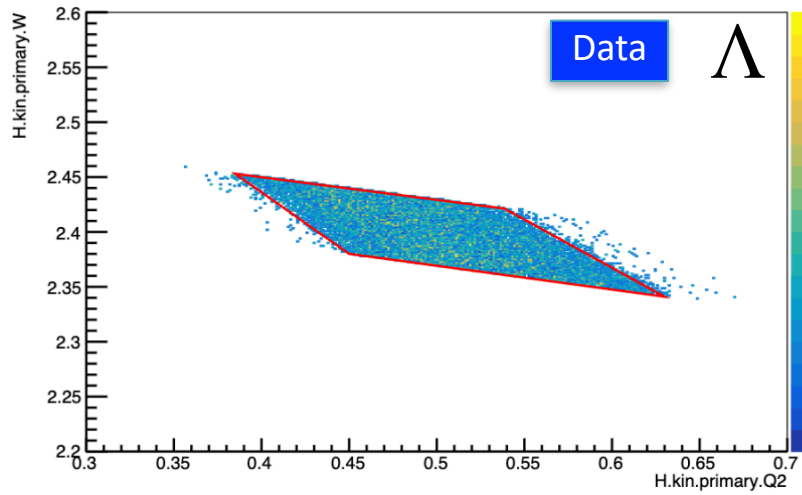
Diamond Cut

Center Low ϵ



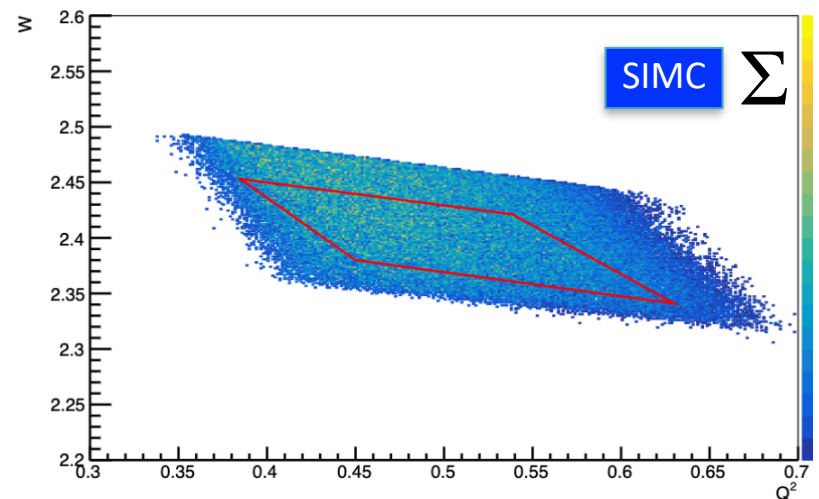
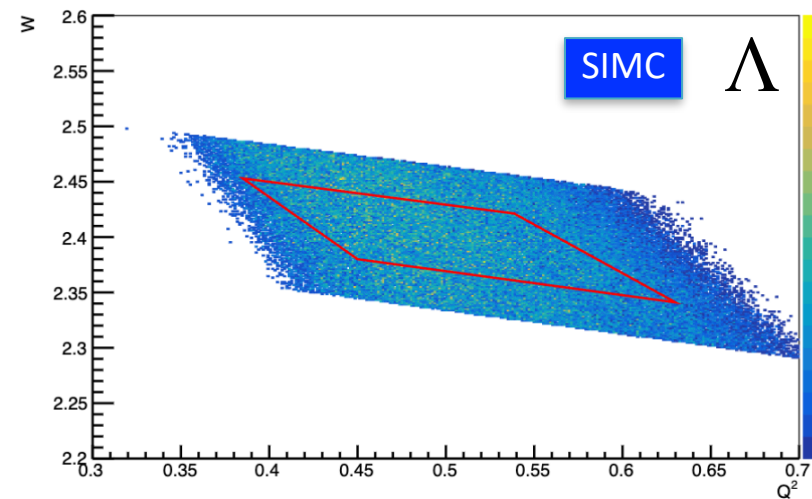
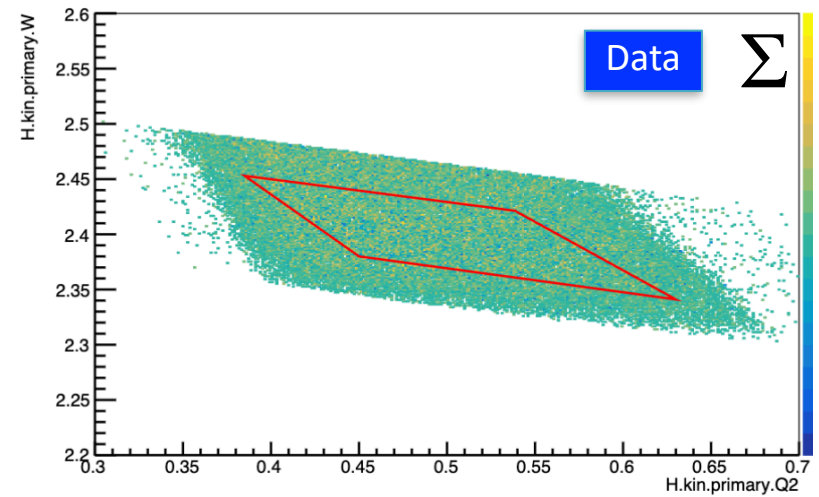
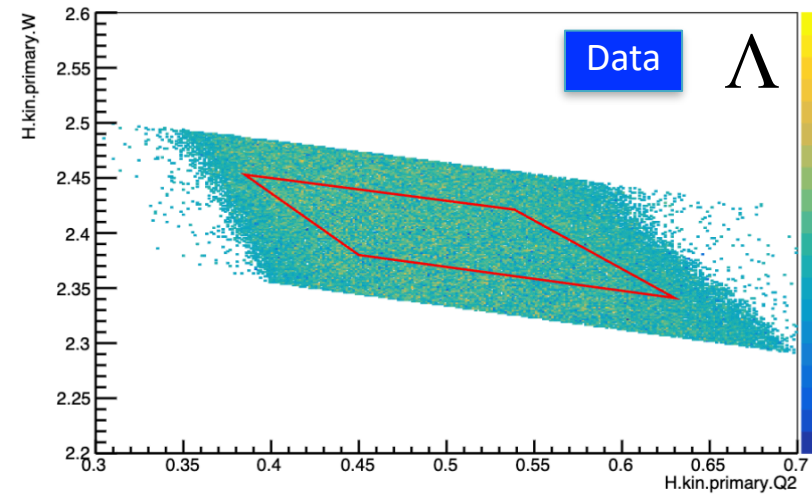
Diamond Cut

Left Low ϵ



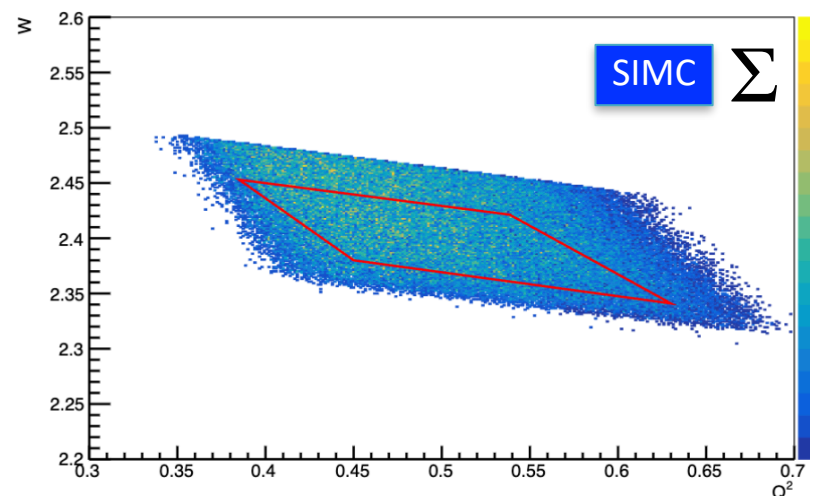
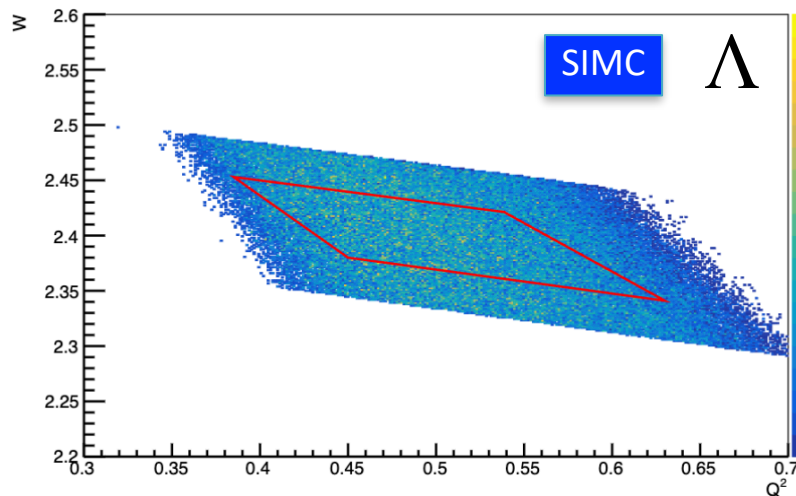
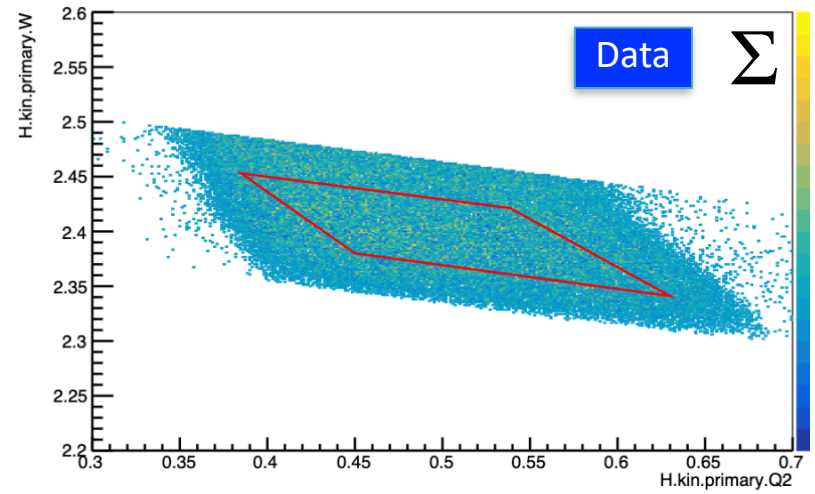
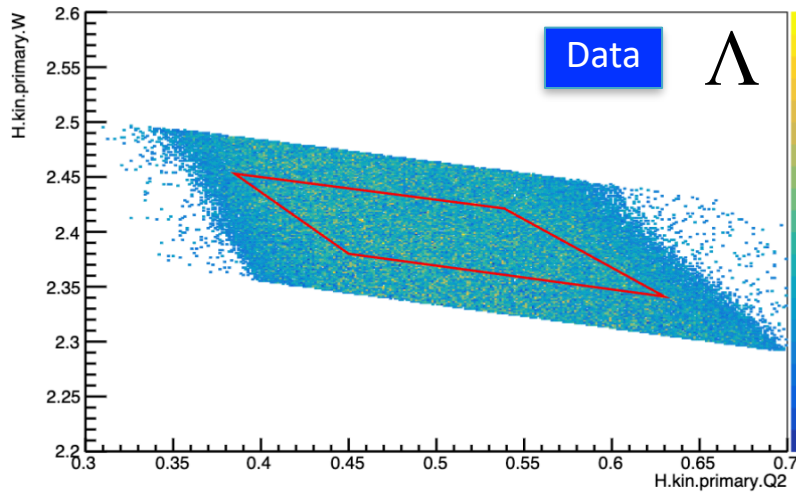
Diamond Cut

Center High ϵ



Diamond Cut

Left High ϵ



Diamond Cut

Right High ϵ

