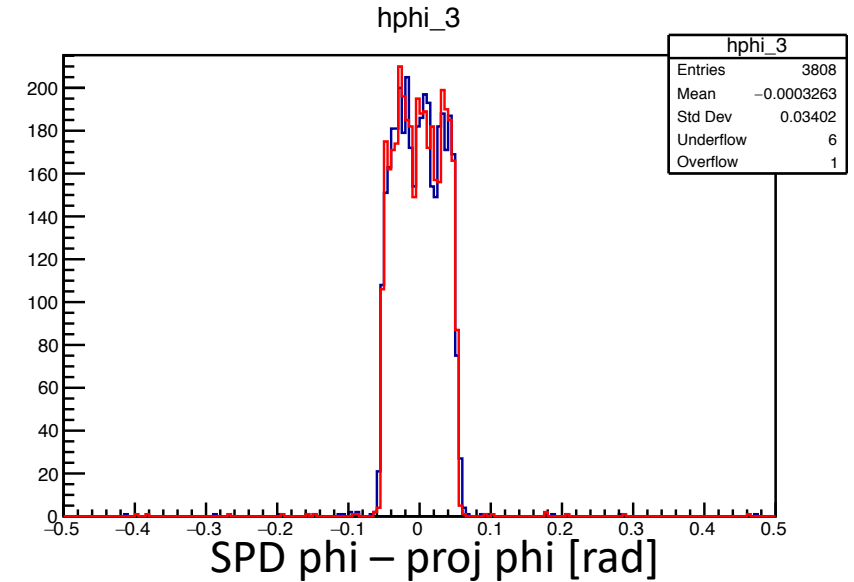
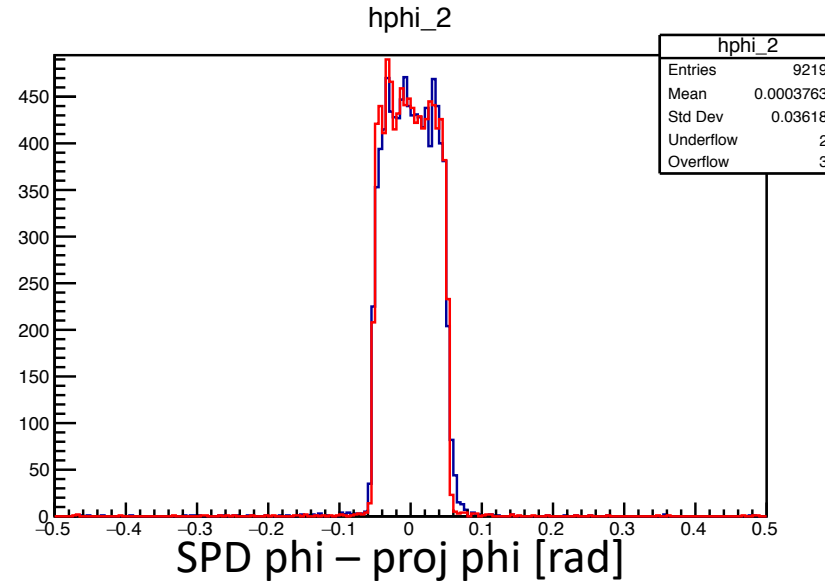
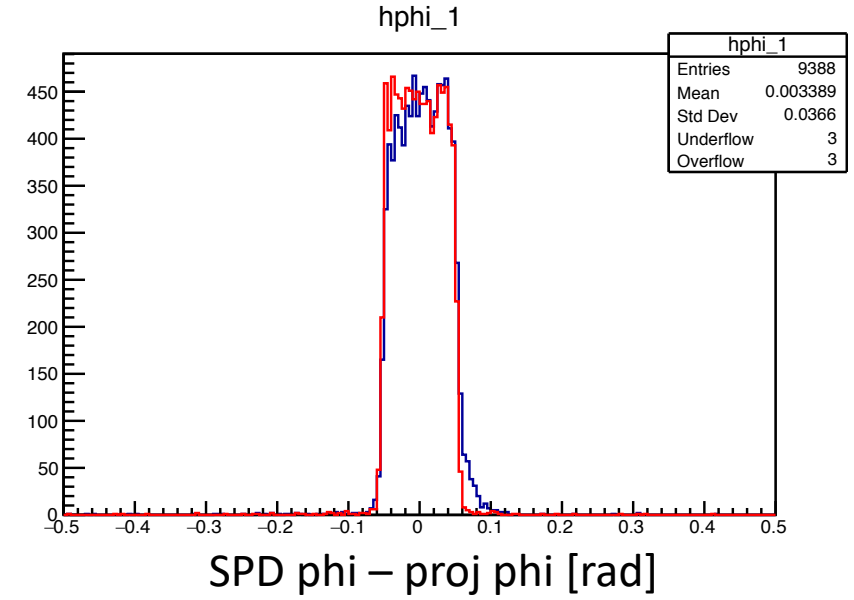
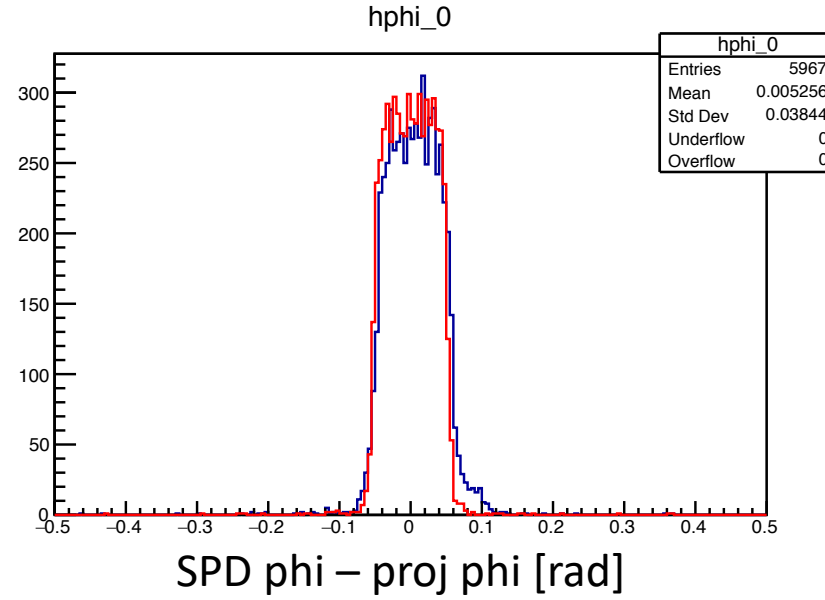
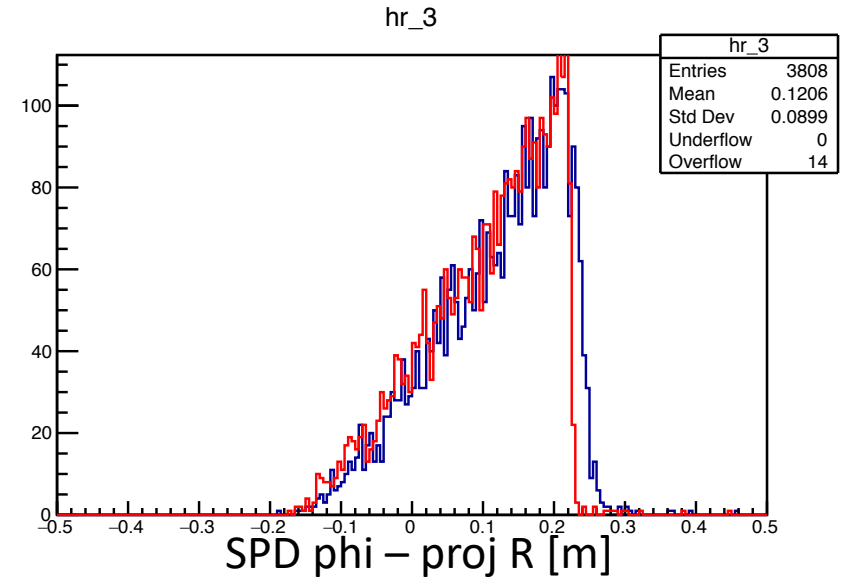
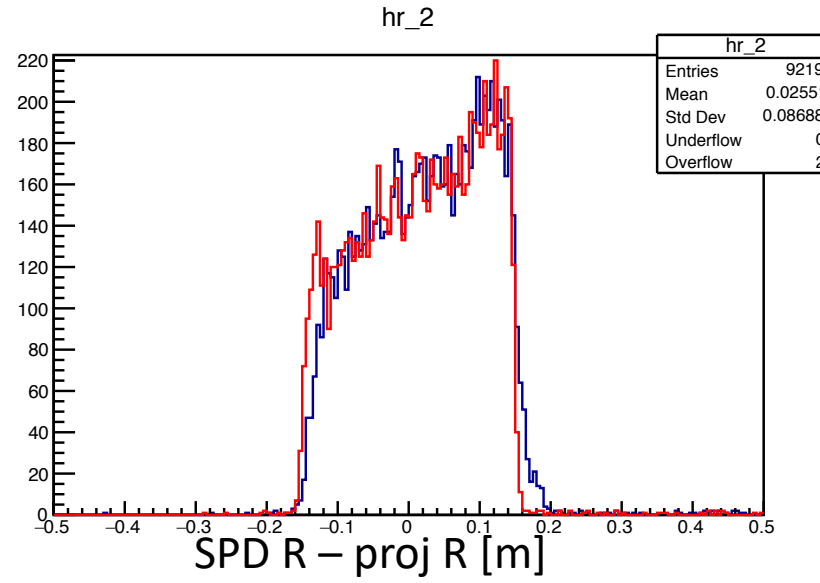
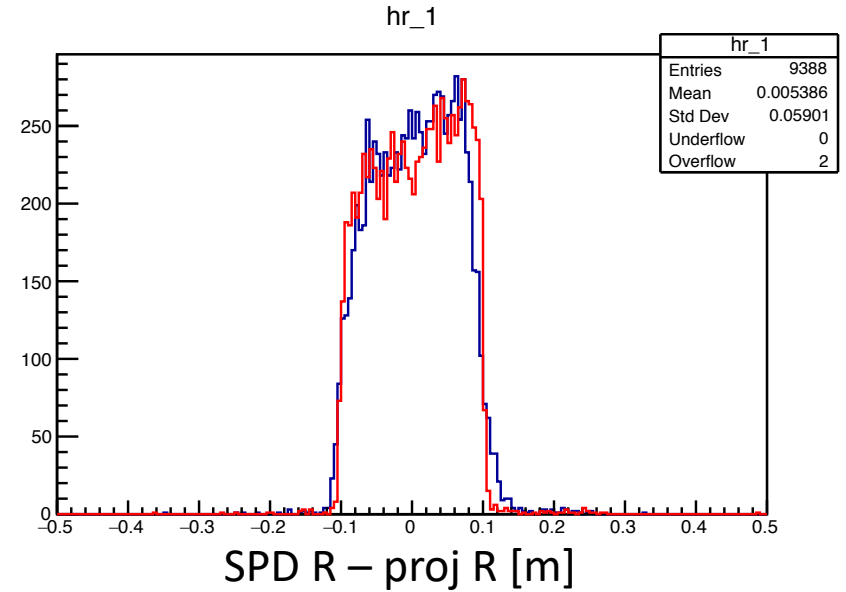
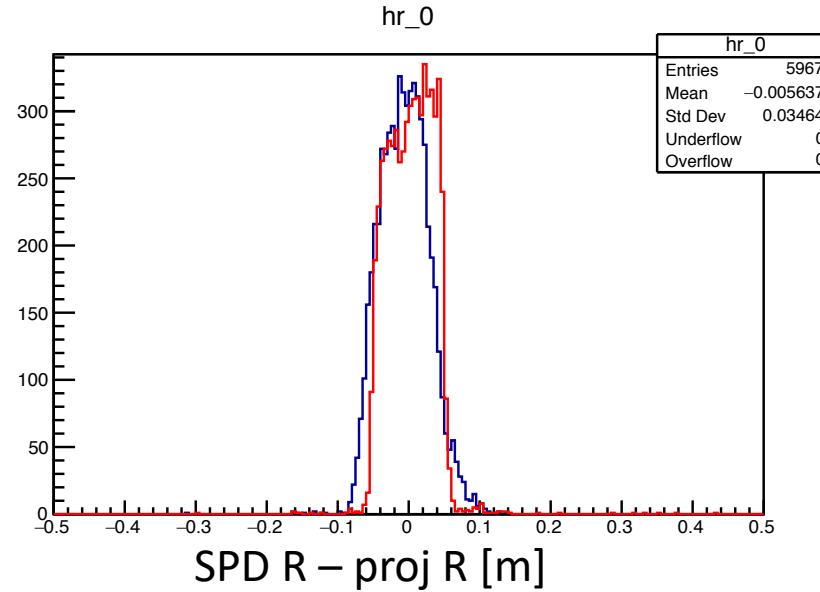


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- Another possible improvement is to use the electron recon vertex z, since the electron efficiency is high (97%) with pretty good accuracy (~93%), I assume the true vertex z info is available
- Three numbers for the efficiency are zero/single/multi
- Use +/- 10 cm cut, as the low energy pion has bad vertex z resolution

	Efficiency (with z cut) [%]	Efficiency [%]	Accuracy (with z cut) [%]	Accuracy [%]
8 to 10 deg	3.0/85.4/11.6	1.1/83.7/15.2	85.6	82.4
10 to 12 deg	5.0/86.1/9.0	2.0/86.6/11.4	86.0	82.4
12 to 14 deg	5.4/92.0/2.6	2.8/93.2/4.0	85.8	84.4
14 to 16 deg	8.2/88.4/3.4	4.7/88.0/7.3	87.3	85.2

