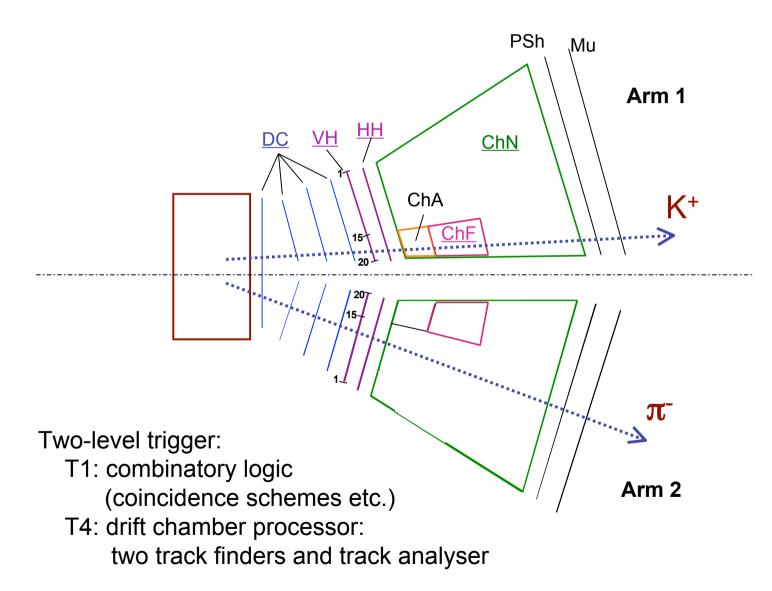
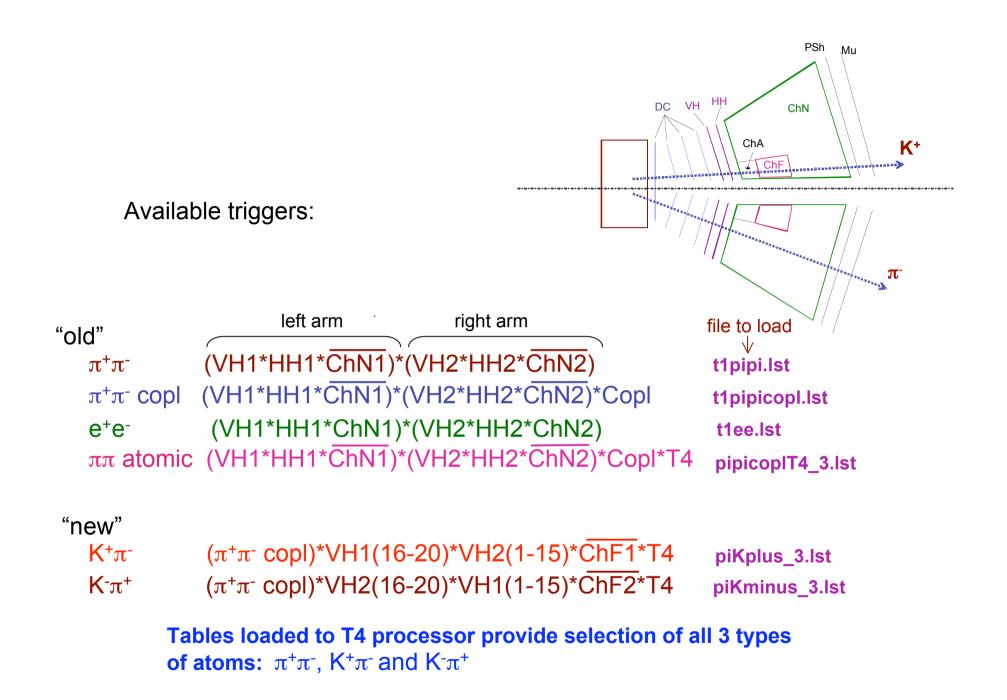
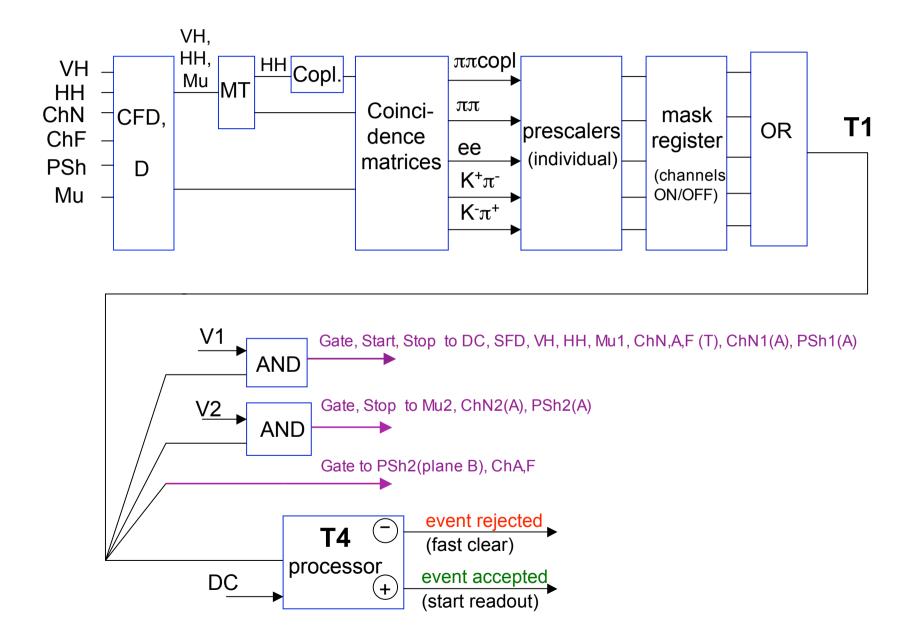
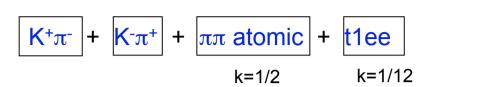
Status of the DIRAC trigger







Mixed trigger (standard trigger for data taking):



Other triggers for special purposes:

 $\pi + \pi$ - copl without ChN in triggert1cop $\pi + \pi$ - without copl, and without ChNt1_none-arm triggers: left arm, VH1*HH1arm1right arm, VH2*HH2arm2

t1copl_noCh.lst t1_nocopl_noCh.lst arm1.lst arm2.lst file

mix2007.lst

There exists dedicated trigger from generator which allows to test electronic channels in trigger and DAQ systems without the beam, file test_gen_all.lst

For recording data with any of mentioned triggers the standard configuration of DAQ is used, file **std.cfg**

In order to measure ADC pedestals, trigger file **ped.lst** is used with the DAQ configuration file **std_ped.lst**. This trigger file is used when spills from PS are available.

In absence of PS spills the pedestals can be measured with trigger file **test_ped.lst**, then spill is generated by our electronics.

Trigger rates at the beam intensity ~13.5 *10¹⁰ 1/spill

T1 in	T1 out	K⁻π⁺	K⁺π⁻	T4	Dead time
6000	4600	1000	2000	1750	22%