

# Straw tube first check

COSM & FINU data of 2006-2007  
data taking

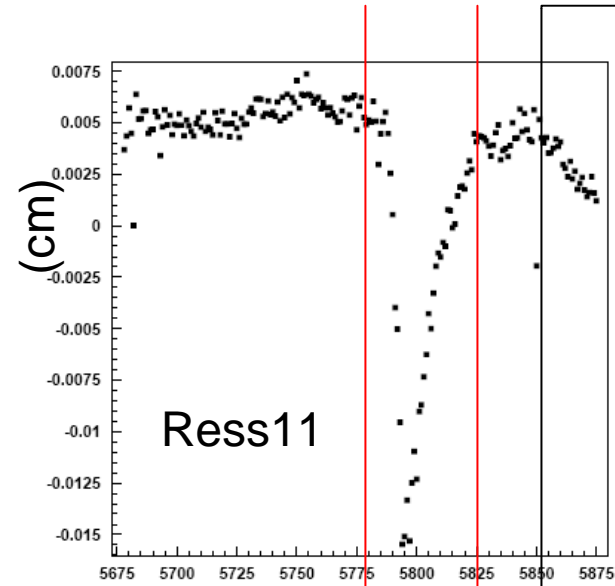
# T0 stability

- Processed run COSM 5452 – 5555 (MulTofone > 1) To get T0 and Tbar (under way)
- Inserted into DB
- T0 used to precess COSM 5677-5875

# T0 check

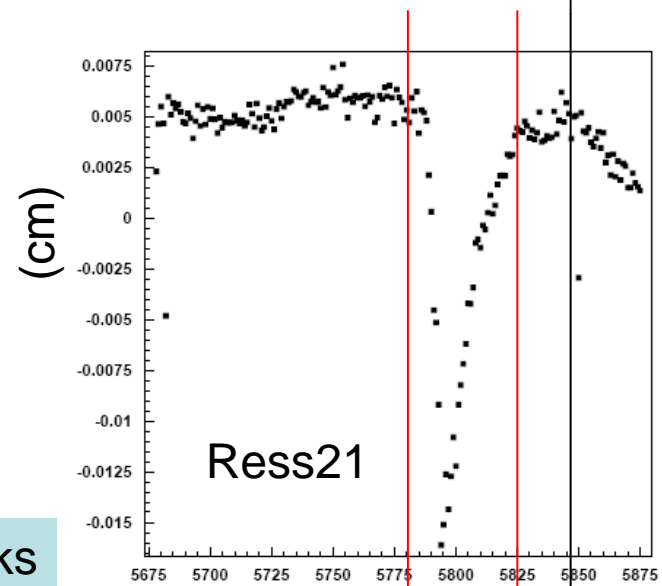
Gas problem

New year

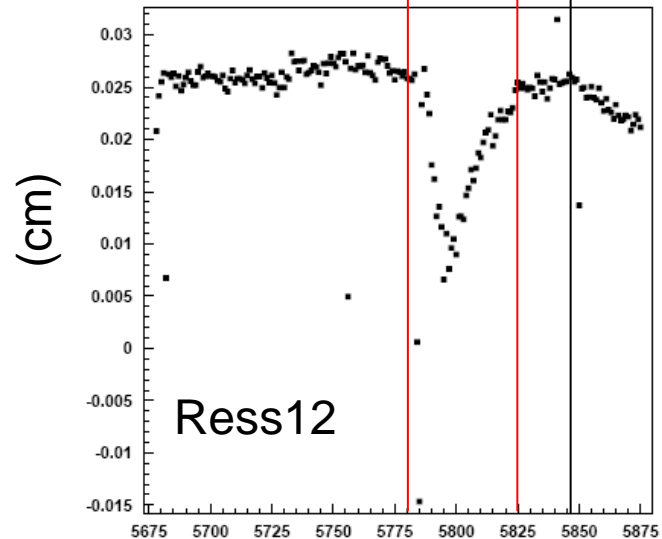
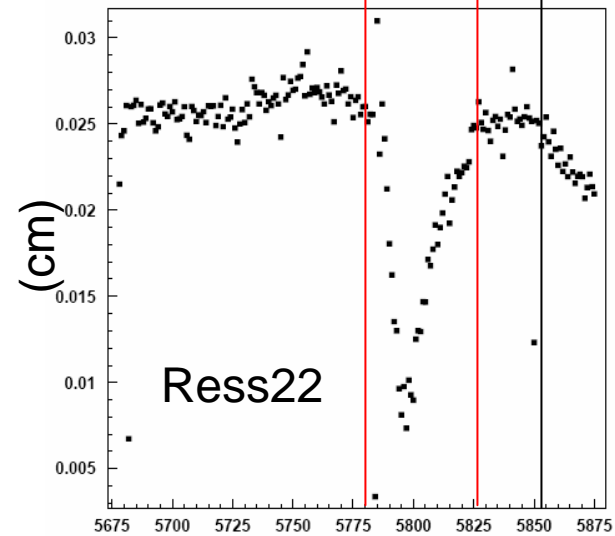


Gas problem

New year

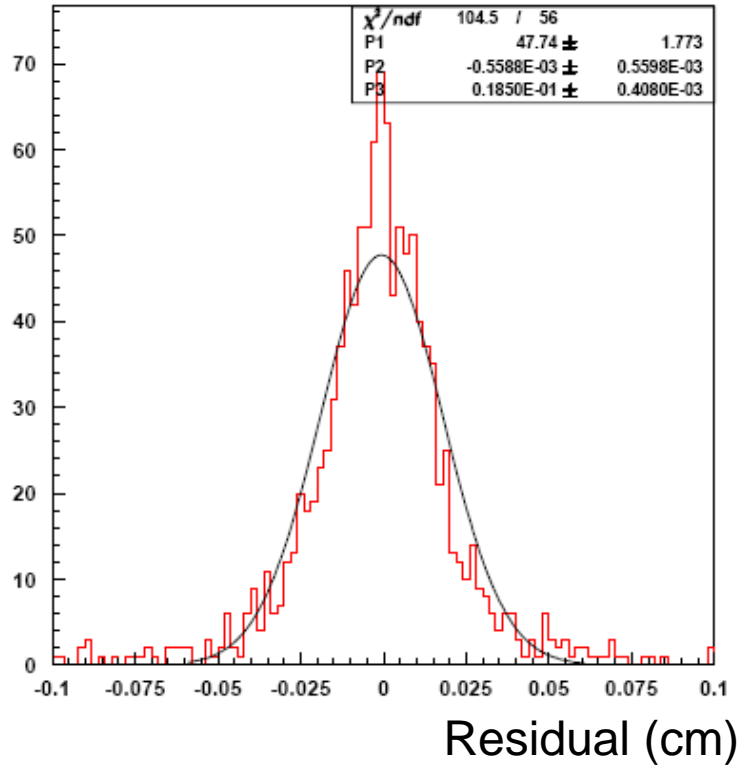


Residual peaks

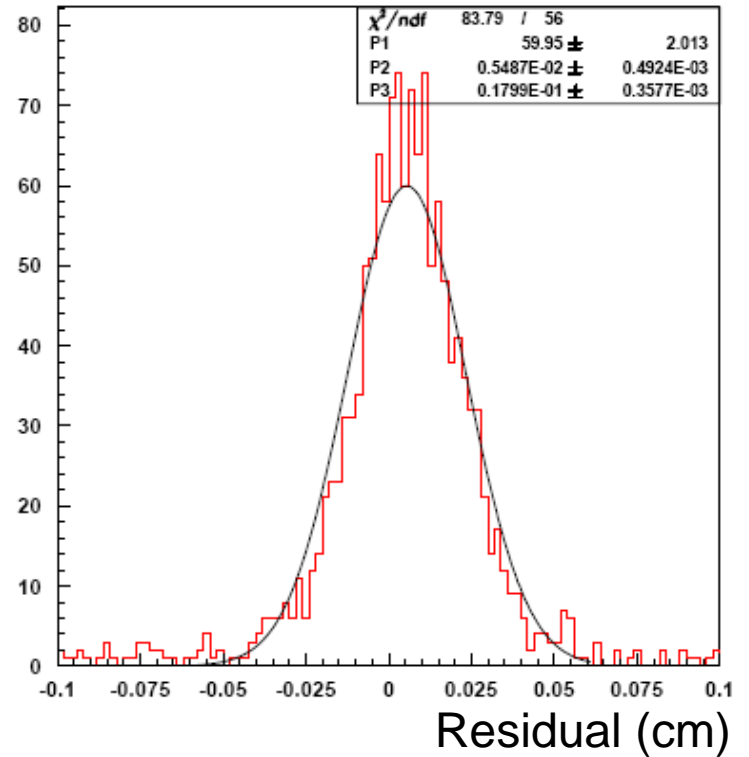


# T0 check

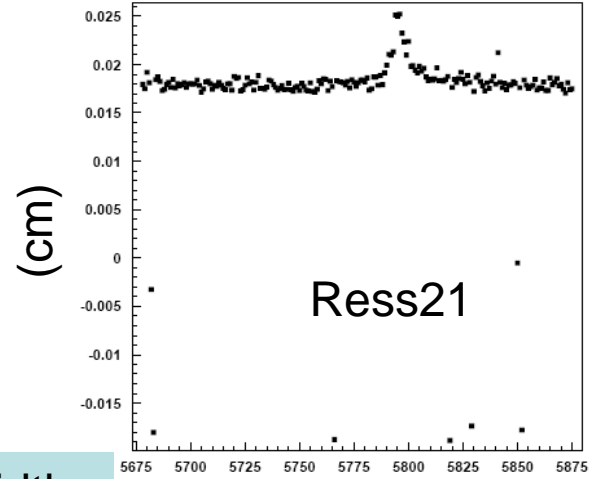
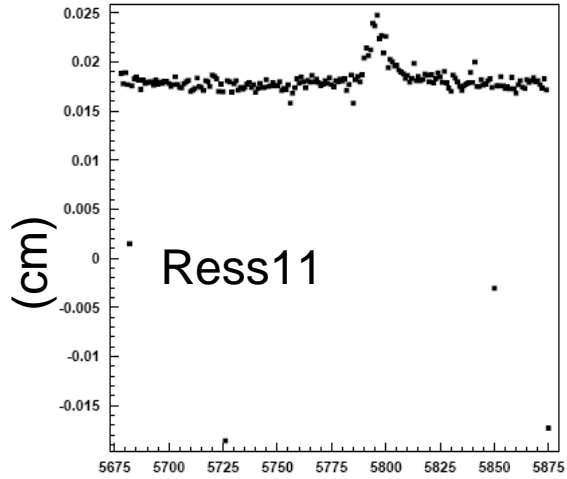
Gas problem



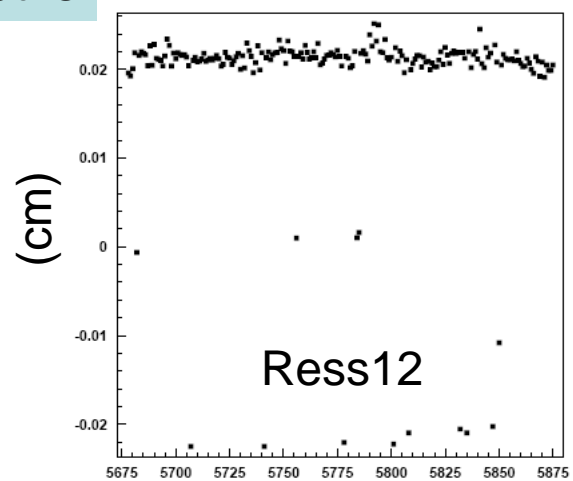
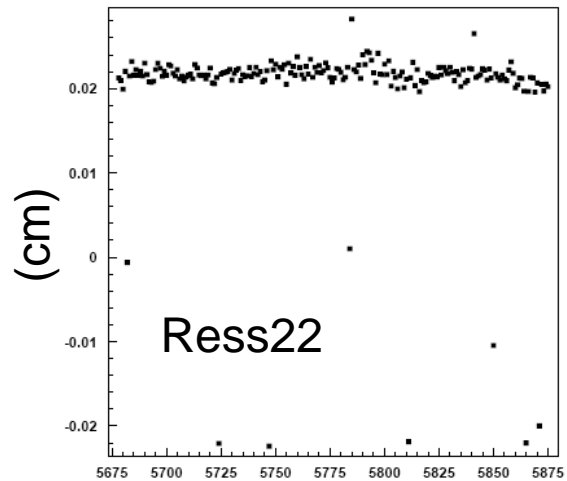
No gas problem



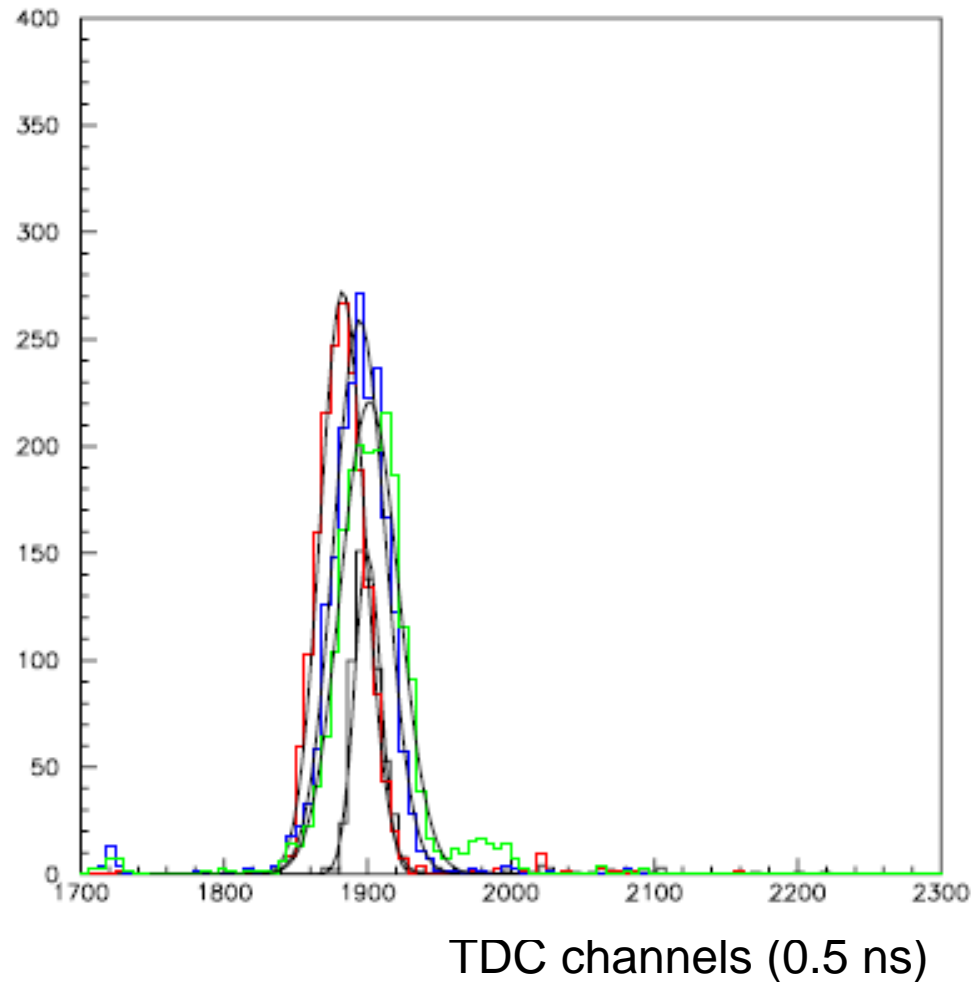
# T0 Check



Residual widths



# T0 check



COSM (ORfino\*ORfone)  $\langle T_0 \rangle = 1901$

COSM (MultTofone>1)  $\langle T_0 \rangle = 1894$

FINU 4000 - 4199  $\langle T_0 \rangle = 1899$

FINU 4800 - 4999  $\langle T_0 \rangle = 1882$

More detailed check are under way.

**Critical the 9 ns of drift between the two set of hypernuclear runs!!**

# A first glance on Physics

- The following selection criteria are applied

Tight

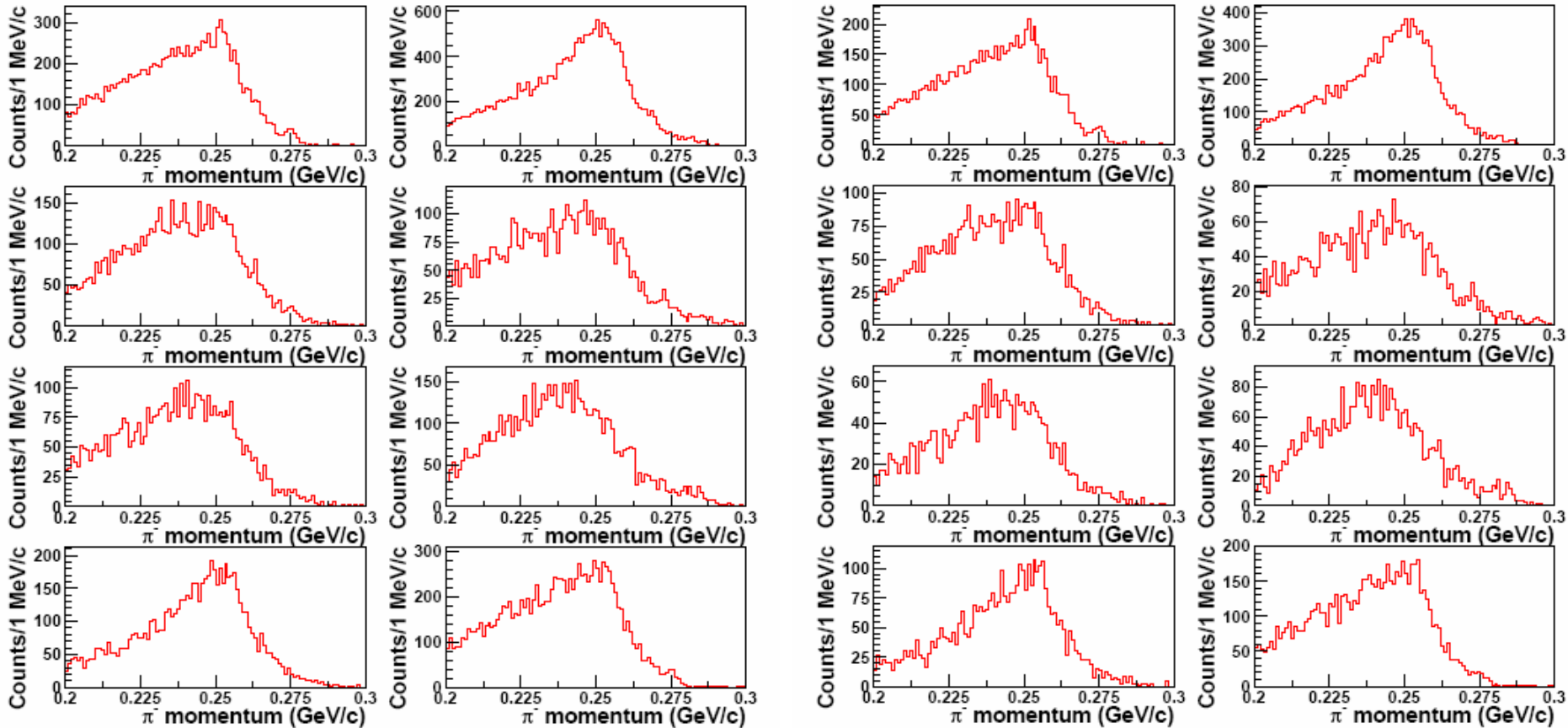
*chrgmin=1.and.pidmin=9.and.fitemin=0.and.extrmin=1.and.stopmin=1.and.ntarmin=[i].and.  
0<normmin<80.and.dev2min<100.and.resdmin<0.1.and.stermin<100.and.dedxmin<100.and.disv  
min<0.2*

Loose

*chrgmin=1.and.pidmin=9.and.fitemin=0.and.extrmin=1.and.stopmin=1.and.ntarmin=[i].and.  
0<normmin<80.and.dev2min<200.and.resdmin<0.2.and.stermin<200.and.dedxmin<100.and.disv  
min<0.2*

# A first glance on Physics

*from 3500 - 6504*



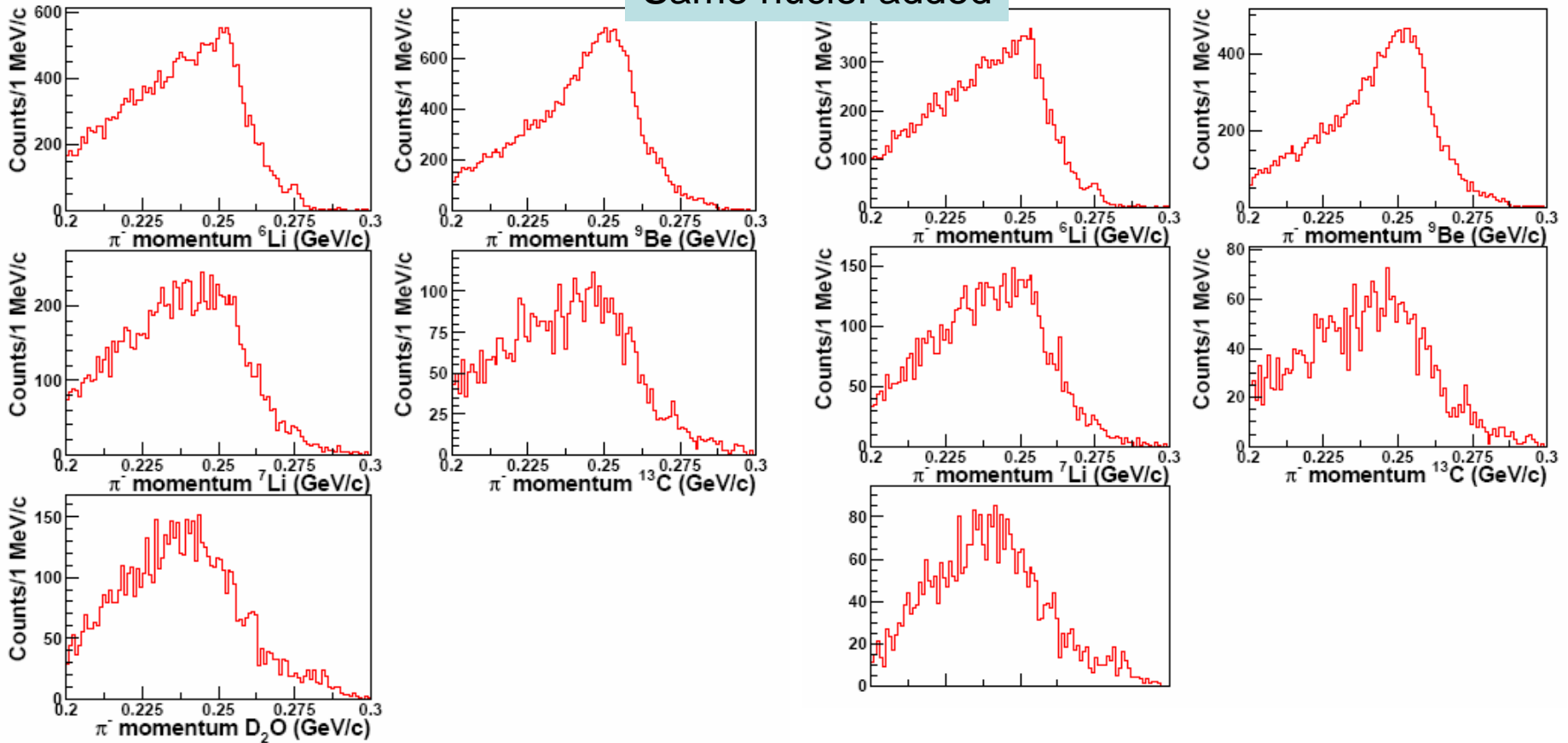
Loose selection

tight selection



# A first glance on Physics

Same nuclei added



Loose selection

tight selection