

Weekly report

SNU

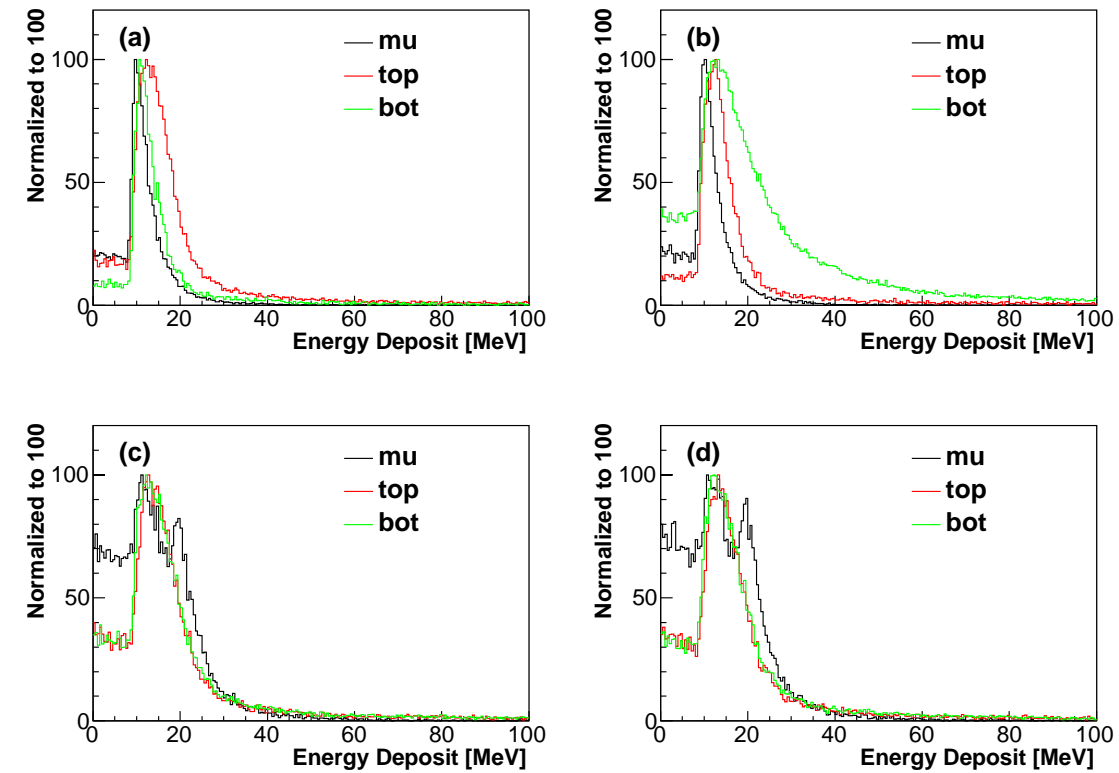
BongHo Kim

How to use lxplus & simulation

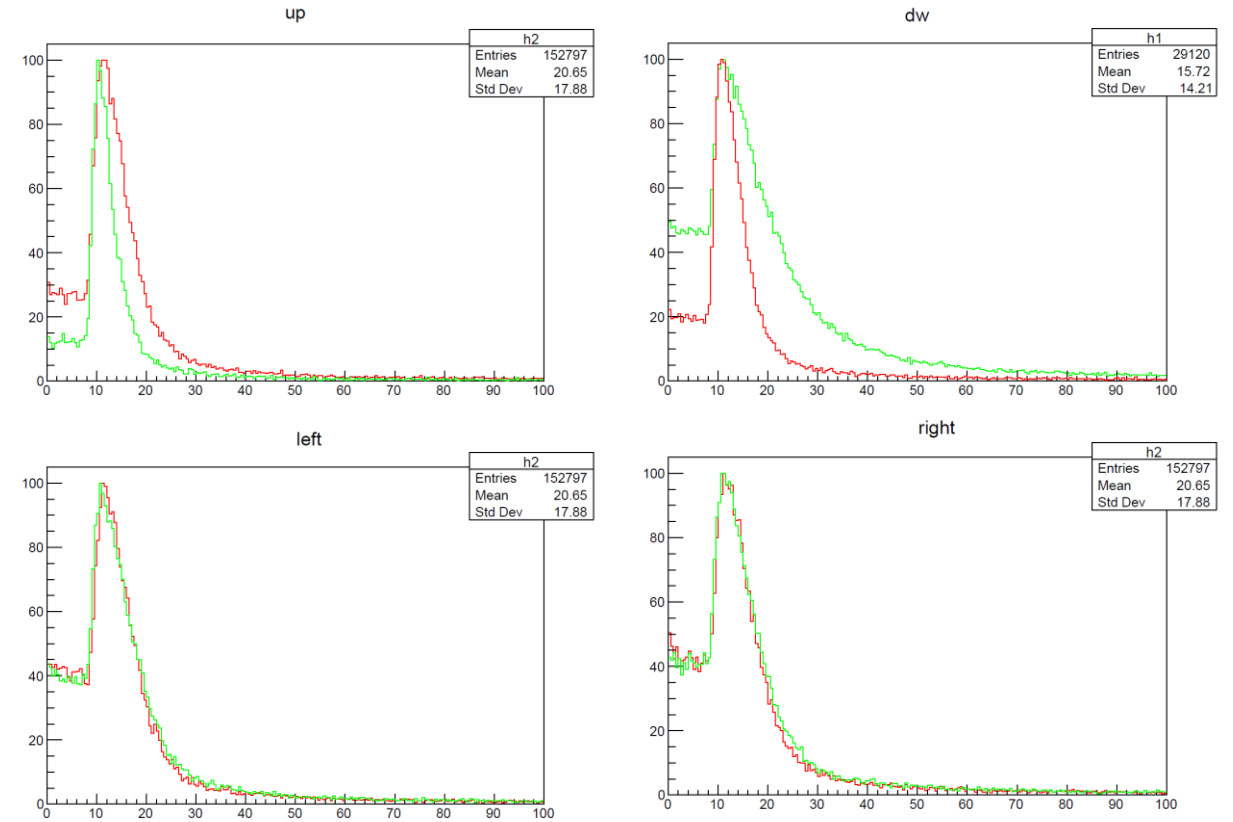
- Go to “account manager” then “service” in cern web page.
- Go to “LXPLUS and linux” chapter and choose computing group : def-cg is default.
- Go to “AFS Workingspace” and increase quota of homefolder & workspace as you need.
- ssh [~~@lxplus.cern.ch](https://lxplus.cern.ch) and download simulation file by gitlab.
(gitlab.cern.ch)
- Follow HOWTORUN_bhokim

Simulation (TOF) check

Dep Energy by Dr. HJW



Done by same simulation at Ixplus



Simulation (TOF) check

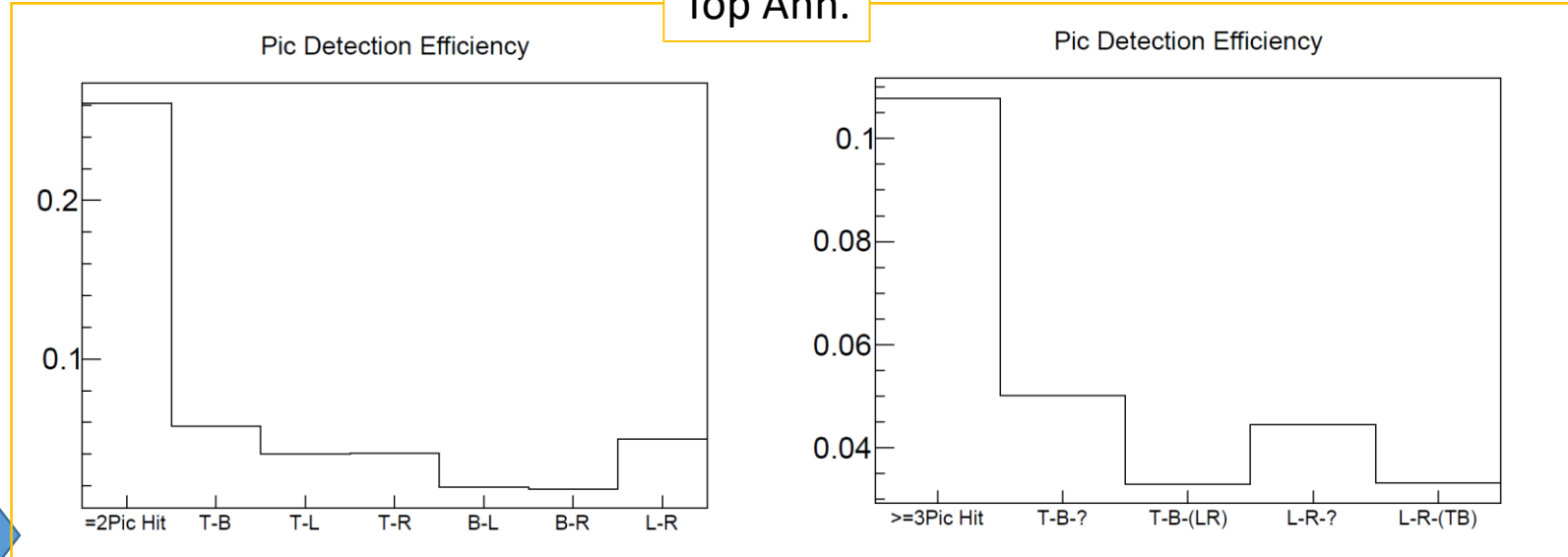
Done by same simulation at Ixplus

Efficiency by Dr. HJW

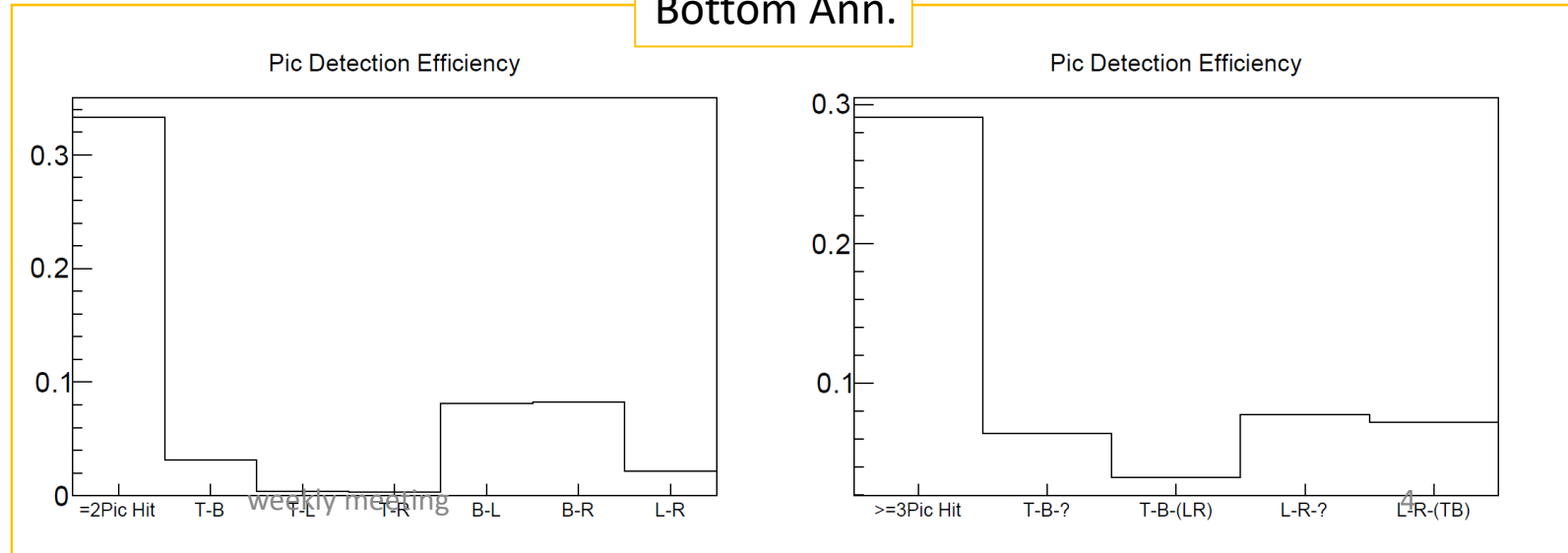
	Threshold (MeV)	0
Top Ann.	= 2 Pic	25.8
	T-B	5.7
	>= 3 Pic	11.0
	T-B-?	5.0
	T-B and T-B-?	10.7
Bottom Ann.	= 2 Pic	33.2
	T-B	3.1
	>= 3 Pic	28.9
	T-B-?	6.4
	T-B and T-B-?	9.5



Top Ann.



Bottom Ann.



Next to do

- Linac in CEA has problem and it would be solved soon..
- Simulation for Positronium has been improved to prepare measurement.
- TOF simulation is ready to use in Ixplus → Any request?
- S-particle search : no update yet.
- TOF preparation? : Do I need to visit CERN sometimes?