

Fully-Hadronic AD Introduction

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Intro

	TASK	ACTIVE CONTRIBUTOR(S)	PRIORITY	DURATION	PCT OF TASK COMPLETE												
						May				June				Ju			
						1	2	3	4	1	2	3	4	1	2		
1	Easy Jet Framework																
1.1	Testing on Grid	Francesco	medium	4	80%	X	X	X	X								
1.2	Adding leptons	Antonio D	medium	2	100%	X	X										
1.3	Modify selection	Antonio D	medium	4	75%	X	X	X	X								
1.4	Understanding if we can run production on local cluster	Dino, Francesco	low		0%												
2	Trigger studies																
2.1	Single Large-R jet	Antonio D	medium	4	75%	X	X	X	X								
2.2	Di-Jet "Simulation"	Antonio C	medium	4	75%	X	X	X	X								
3	Graph dataset																
	Adapt existing code to new Tree data type	Antonio C	high	4	80%	X	X	X	X								
	Understand how parallelize dataset creation	Dino, Antonio D, Francesco	medium		0%												
					0%												

<https://docs.google.com/spreadsheets/d/1F8pFrERCdBzvaGzAiKd8XzYarWgMcxWuVhWnT7rZWwl/edit#gid=0>

FW status

Antonio D.
Francesco C8

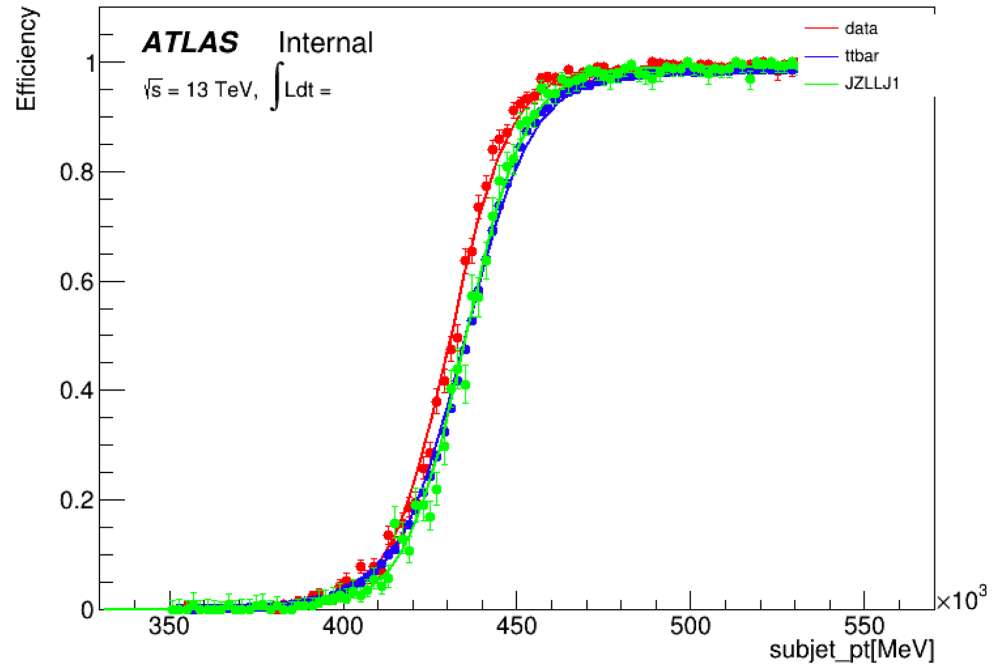
- Waiting for track info from Graziella
 - ↳ Understanding impact on final size
 - ↳ Then we can run a full production
- How many jets we want to save?
 - ↳ This will affect final size
- Probably final ntuples stored on CERN grid tape / Ibisco
 - ↳ Need to create a link to easy read these files

CP task

Antonio D.
Francesco C8

- Started studying material
- First meeting last Friday
- First task: migrate code to rel 22
- Real first task: understanding procedure, run on R21

Trigger task



○ With tag and probe

Antonio D.
Antonio C.
Francesco C
Francesco C8

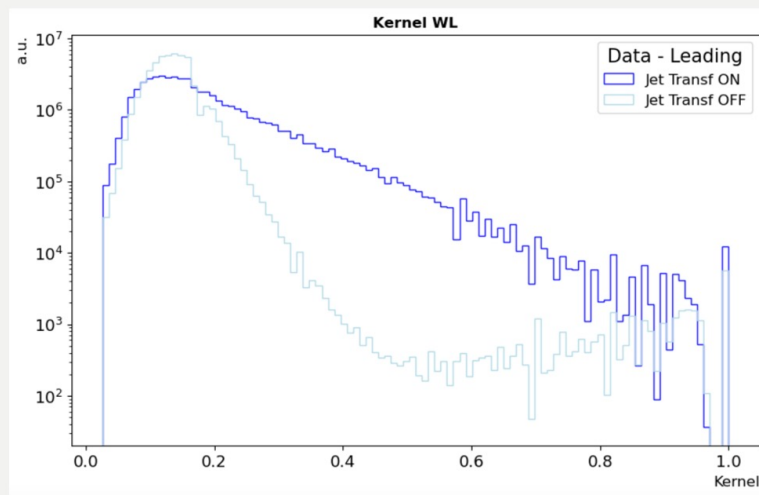
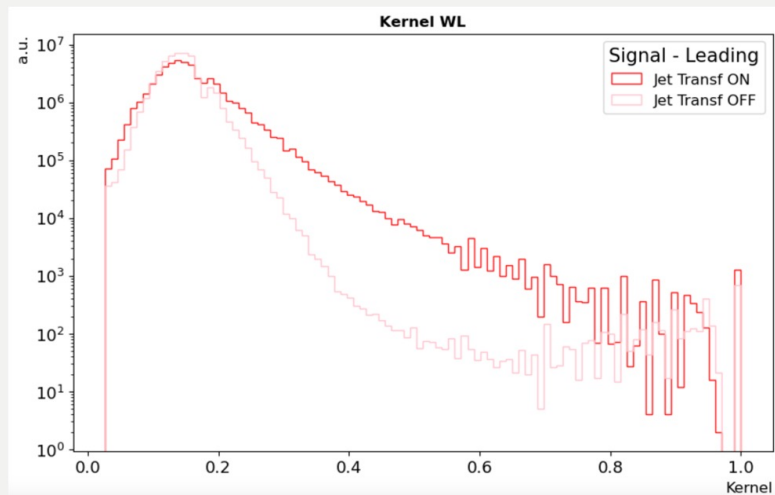
Graph dataset creation

- Antonio almost finished
 - ↳ Same structure as in previous YXH dataset
- Understanding how parallelize code
 - ↳ ~120 s for 2k graphs → 0,06s/graph
 - ↳ Previously: half of time → 0,03s/graph
- Also dataset size is to be considered

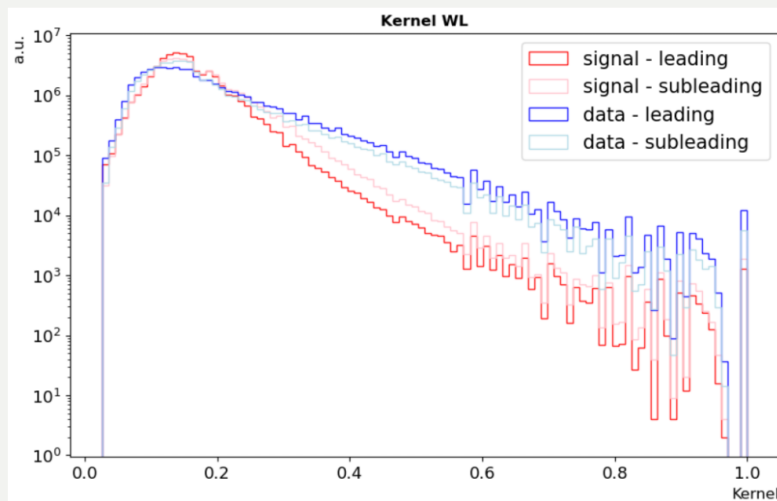
Antonio C.
Francesco C8
Dino
Adele

Isomorphism studies

Antonio C.
Francesco C



Jet Transformation ON



Jet Transformation OFF

