

# Evals 1 vs Evals 2

Apple- to -Apple comparison

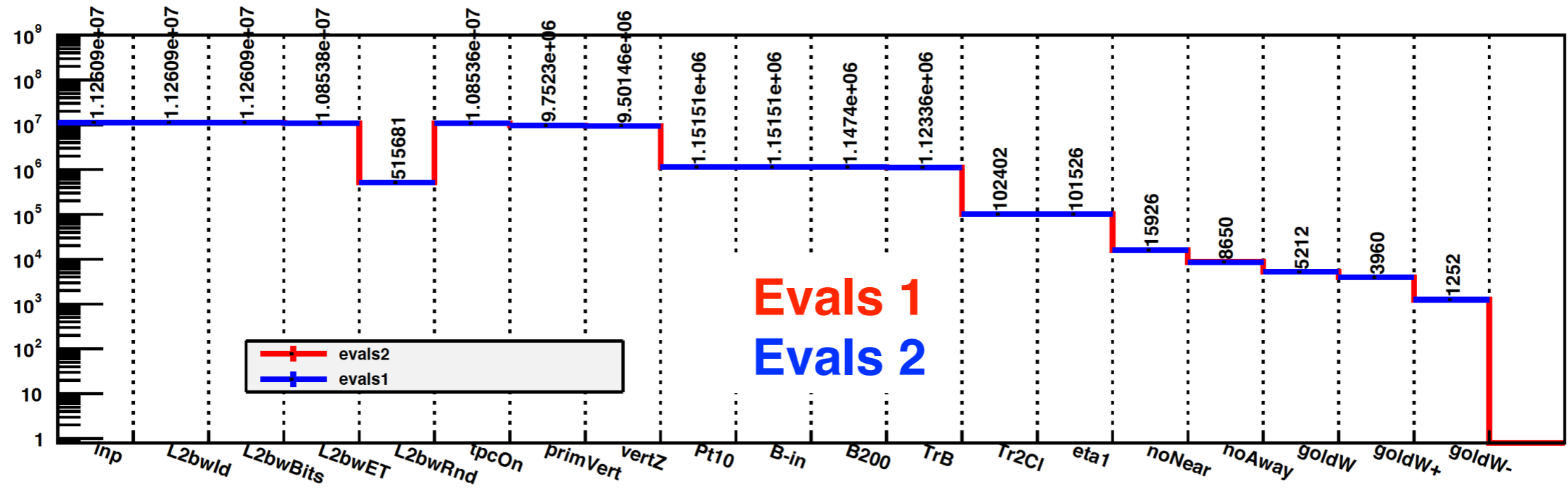
To investigate the difference between STI [in official STAR SL16b library] vs STI\* [Yuri's STI in EVAL]

## Details / Notes

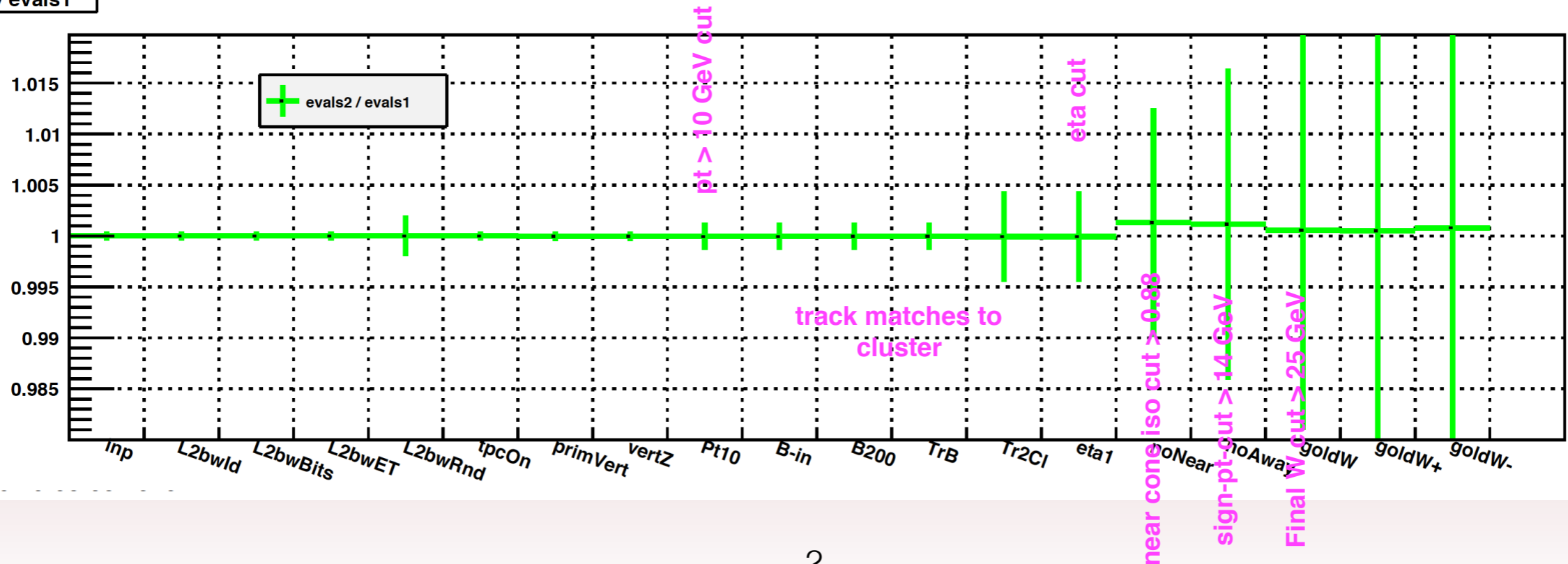
Production	Production Library [also W-code compiled library]	Tracking	vertex finding	BEMC-gains	# of runs used in the comparison	# of events
"evals2"	EVAL	Sti*	PPV_W	run 12 - 200 GeV	896	11.26 M
"evals1"	SL16b	Sti	PPV_W	run 12 200 GeV	896	11.26 M

\* - Yuri's STI in Eval

# Events Counts as a function of W cuts

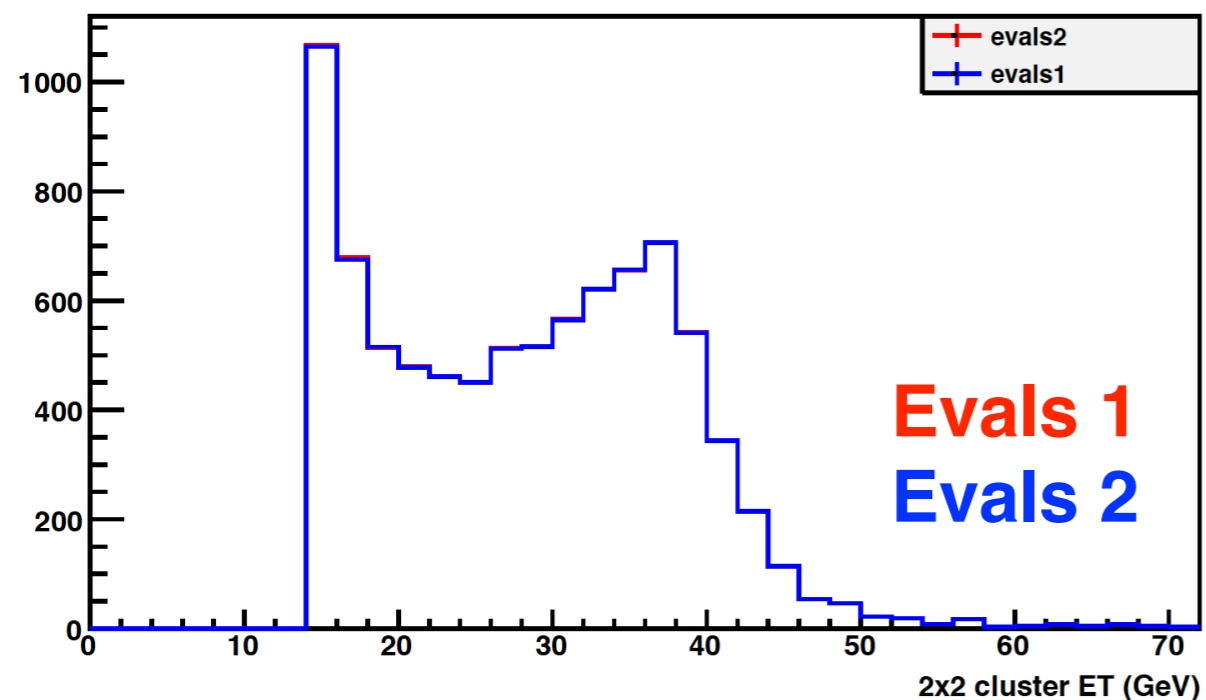


evals2 / evals1



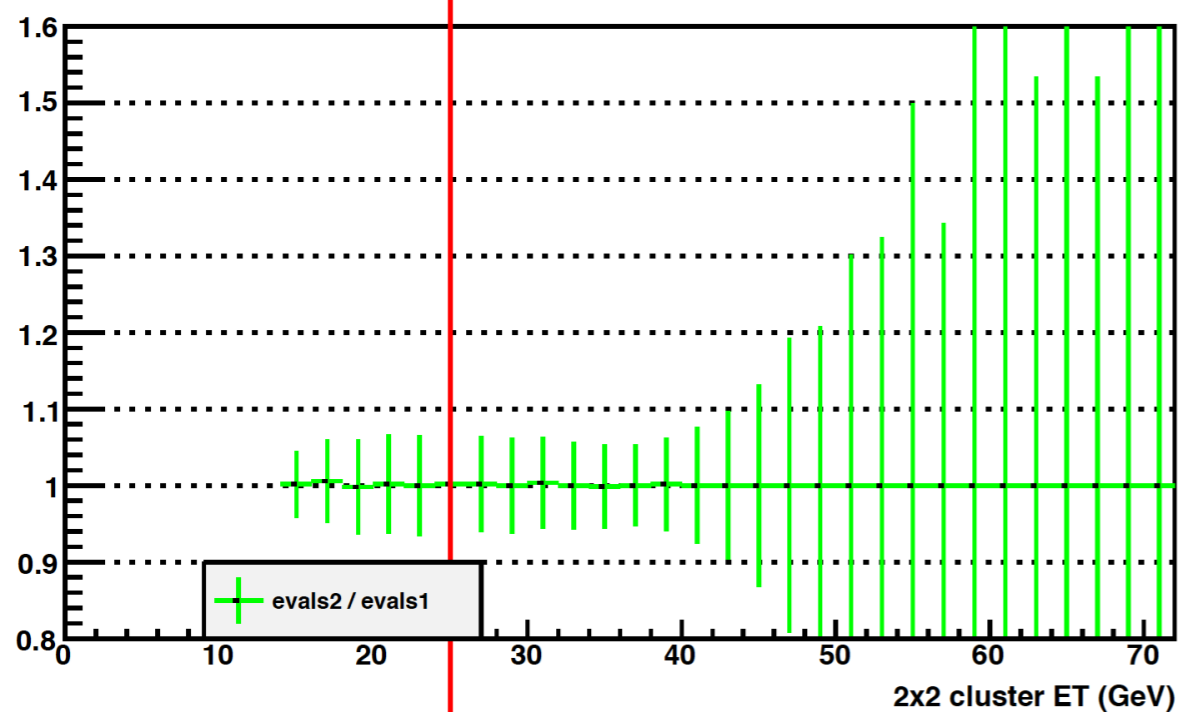
# Final W : Et , ZDC

## Final W - Et

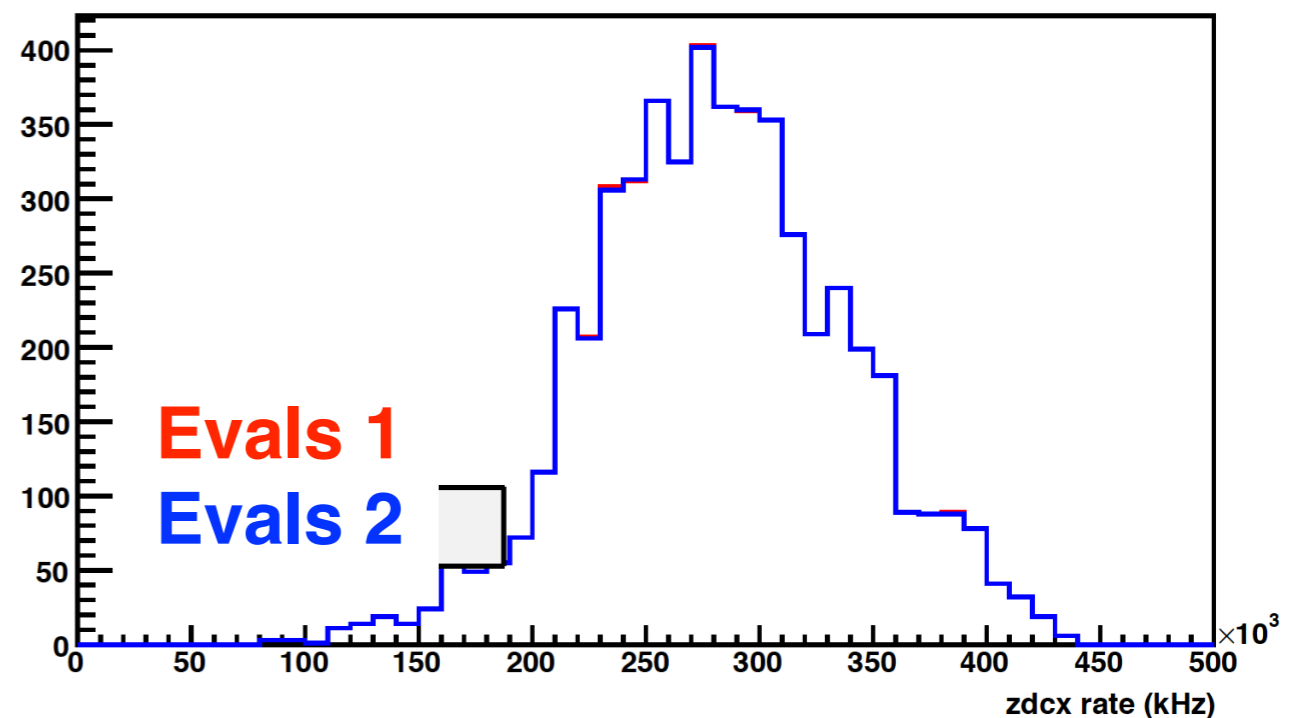


**Evals 1**  
**Evals 2**

evals2 / evals1

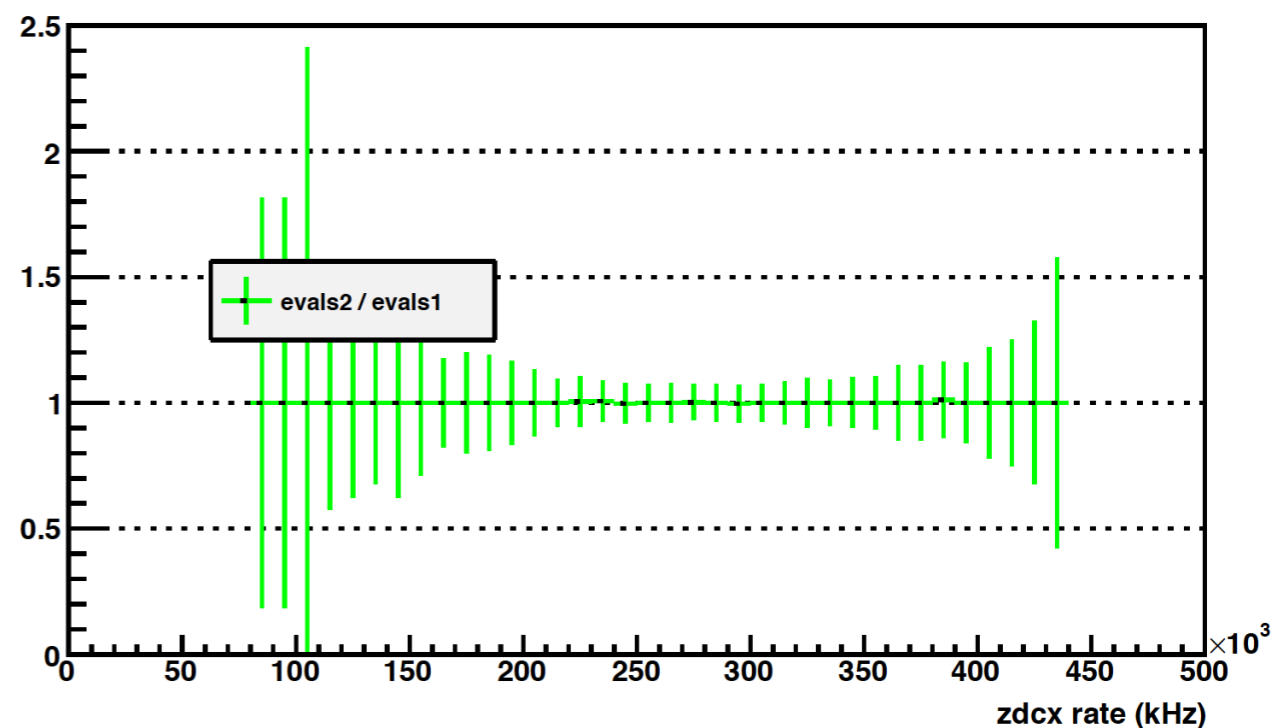


## Final W - ZDC



**Evals 1**  
**Evals 2**

evals2 / evals1



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# Summary

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- No observable considerable difference between Evals 1 vs Evals 2. Meaning **no difference** between **official STI in SL16b** vs **Yuri's STI in EVAL**