

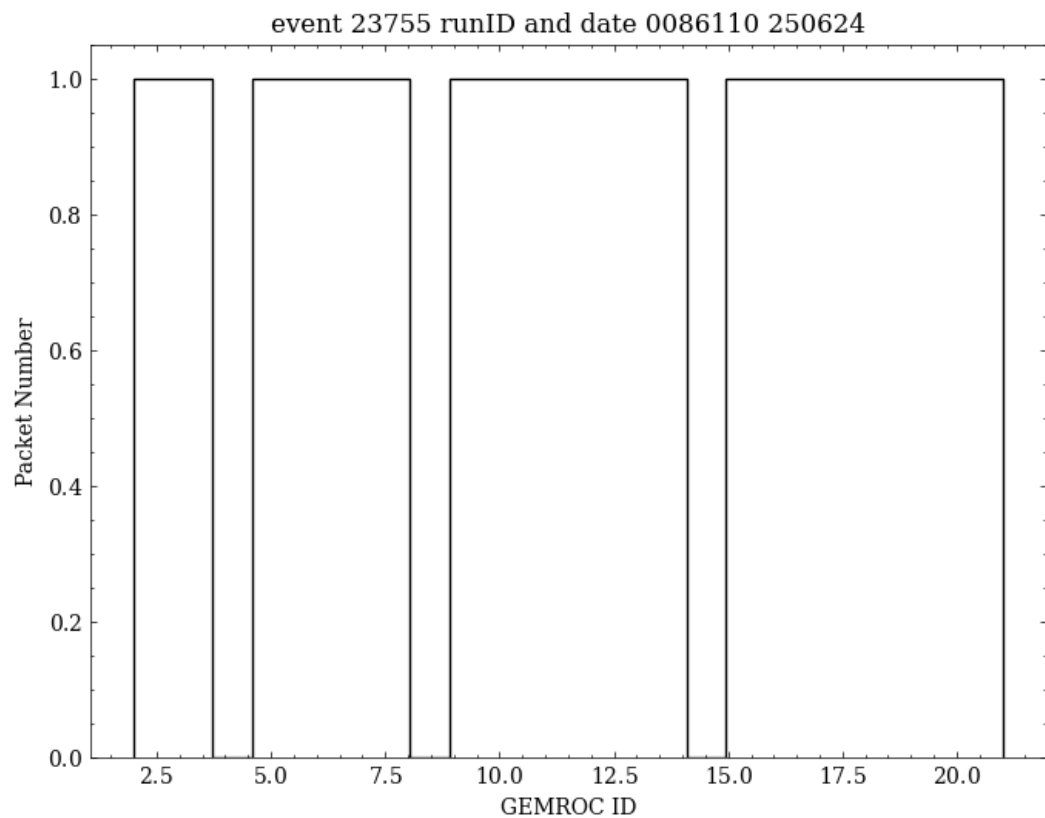
The last report stated that no apparent relationship has been found between incomplete GEMROC IDs and communication errors.

I was reminded that the difference between ignore mode and abort mode might explain this ambiguous relationship.

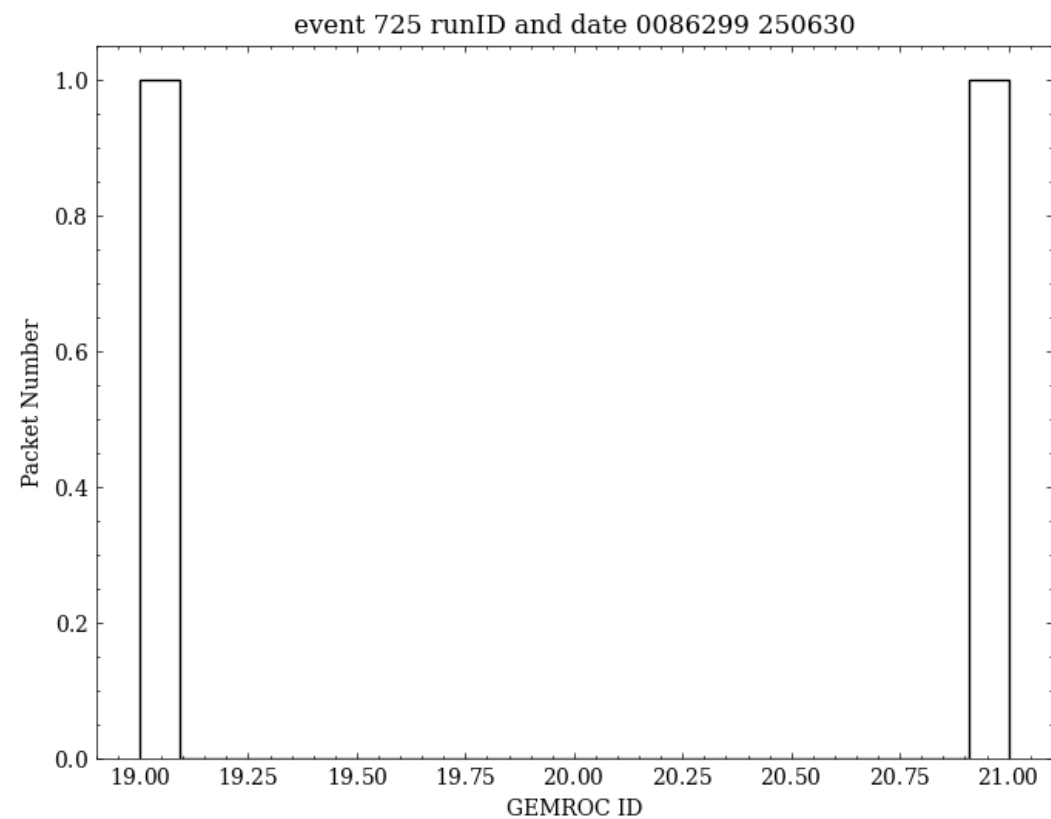
Let me report the check results.

Zeng Tingxuan provided information that runs 86059 to 86324 operated in ignore mode.

run_number	CGEM_numberofTrigger	CGEM_merged_numberofEvents	BES3_numberofEvents	consistent_status	has_tigger_com_err
86110	1953667~1953930	11724228	2440420	0	0

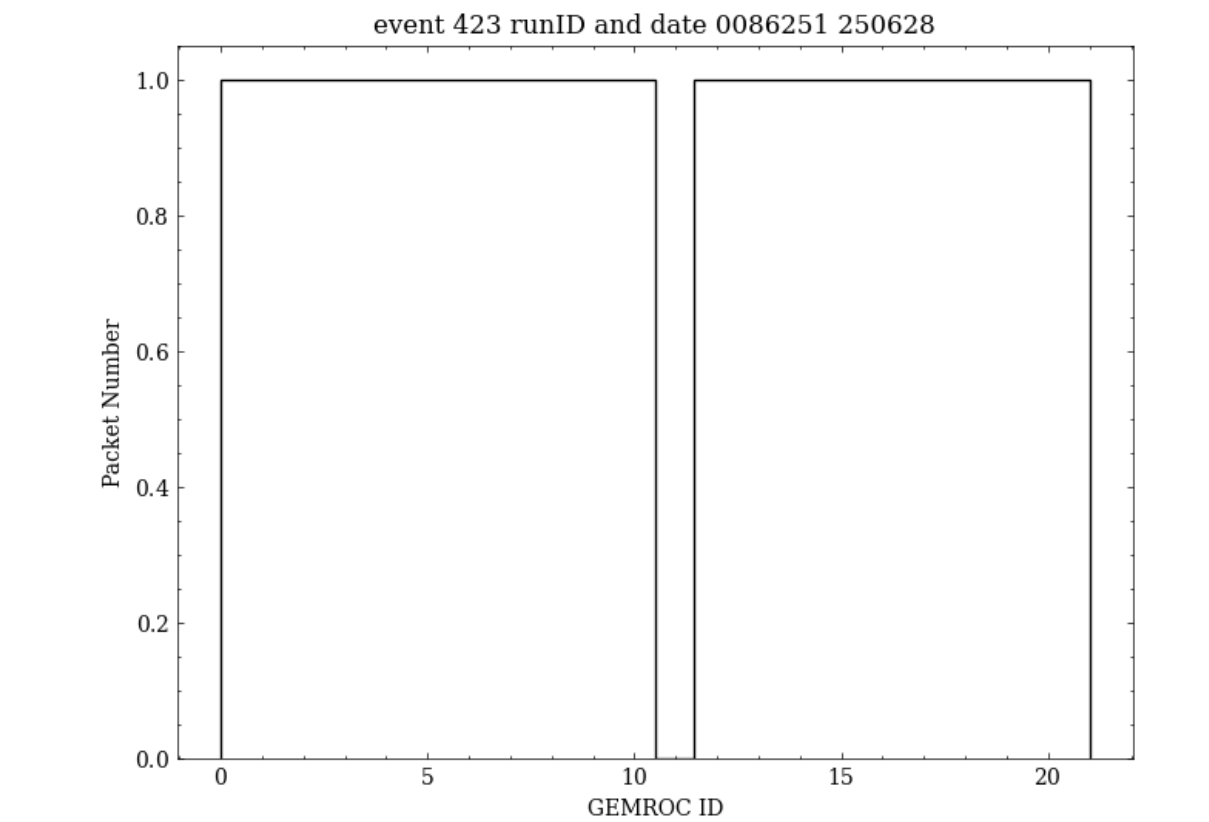


run_number	CGEM_numberofTrigger	CGEM_merged_numberofEvents	BES3_numberofEvents	consistent_status	has_tigger_com_err
86299	2538195~2927183	2927183	2927183	0	0



During run 86110, 86299, 86251, no communication errors but a lack of GEMROC.

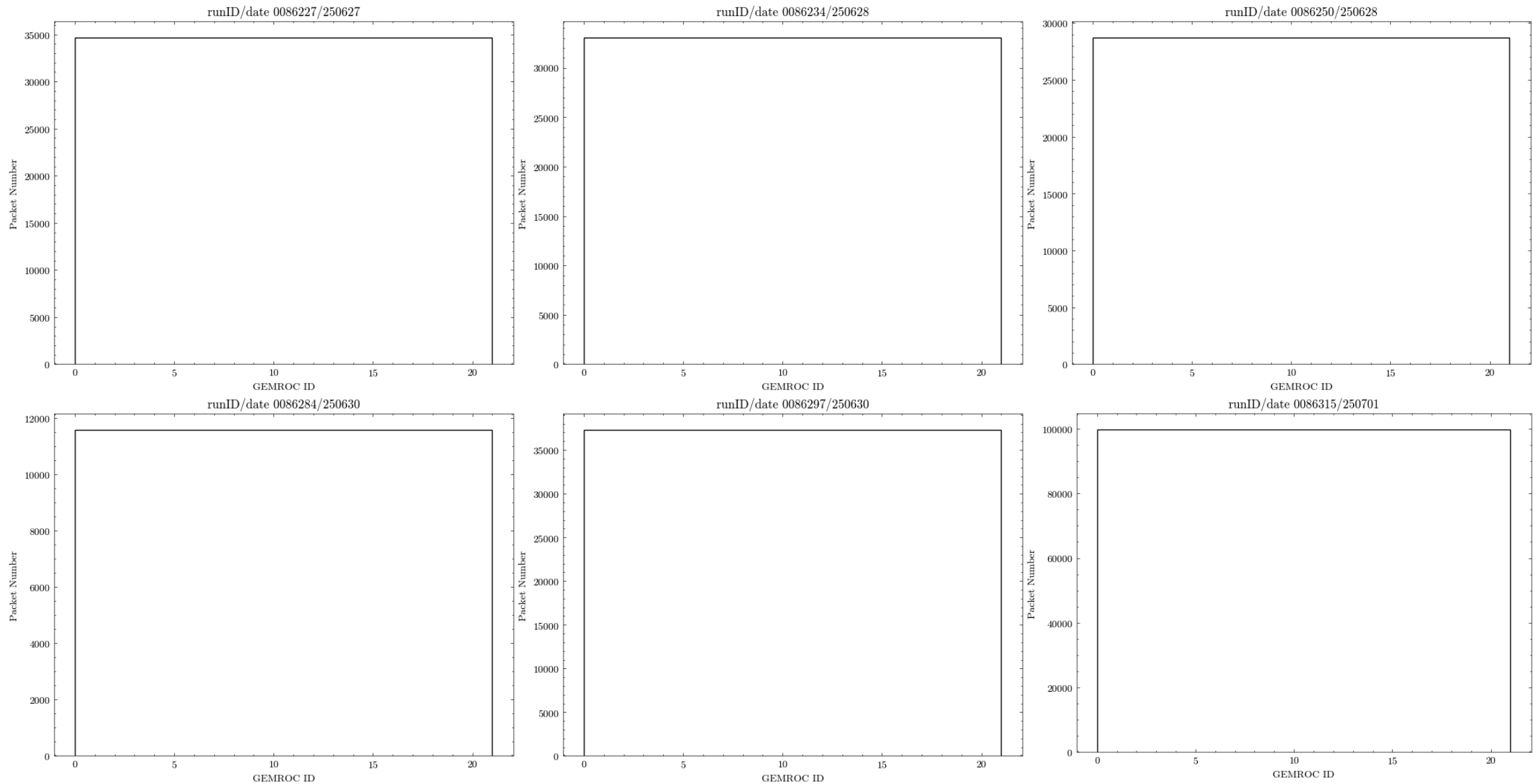
run_number	CGEM_numberofTrigger	CGEM_merged_numberofEvents	BES3_numberofEvents	consistent_status	has_tigger_com_err
86251	1695608~2214387	2214387	2214387	0	0



run_number	CGEM_numberofTrigger	CGEM_merged_numberofEvents	BES3_numberofEvents	consistent_status	has_tigger_com_err
86062	2634589~2634609	2634609	2634609	0	1
86064	2545913~2545924	2545924	2545925	0	1
86083	2672624	2672624	2672624	1	1
86122	2336656~2336669	2336669	2336670	0	1
86163	2060984	2060984	2060984	1	1
86165	291428	291428	291428	1	1
86171	2111218~2111236	2111239	2111239	0	1
86172	2471177~2471186	2471186	2471186	0	1
86190	108009	108009	93696	1	1
86193	1119924	1119924	1119924	1	1
86194	712475	712475	661062	1	1
86197	2341761~2341784	2341784	2341784	0	1
86206	1444158~1444162	1444162	1444163	0	1
86208	255713	255713	255713	1	1
86209	100033	100033	88319	1	1
86223	2286372~2286382	2286382	2286382	0	1
86224	2381548	2381548	2381548	1	1
86227	2419774~2419779	2419779	2392703	0	1
86230	2408644~2408661	2408661	2408661	0	1
86232	352197	352197	352198	1	1
86234	2340830	2340830	2340831	1	1
86236	259975	259975	259975	1	1
86237	85799	85799	-1	1	1
86243	2375819	2375819	2319813	1	1
86250	1951317~1951327	1951327	1951327	0	1
86252	0~2237150	2244496	2139256	0	1
86259	2366643	2366643	2366643	1	1
86260	2146682	2146682	2091550	1	1
86261	2293125~2293130	2293130	2293130	0	1
86268	2326587	2326587	2326587	1	1
86274	2392958~2392966	2392966	2392967	0	1
86284	818720	818720	818721	1	1
86289	2283949~2283997	2284007	2284008	0	1
86295	2488650	2488650	2488650	1	1
86297	2244769	2244769	2244769	1	1
86298	2436306~2436307	2436307	2430984	0	1
86301	2383572	2383572	2383572	1	1
86309	2530837~2530843	7592529	2530843	0	1
86315	2602327~2602337	5204674	2602337	0	1

Only these three run(86110,86299,86251) have a lack of GEMROC, but they are all tagged as no communication error.

But there are lots of run tagged communication error between 86059 to 86324.



Still to conclusion:  
no apparent relationship has been found between incomplete GEMROC IDs and communication errors.