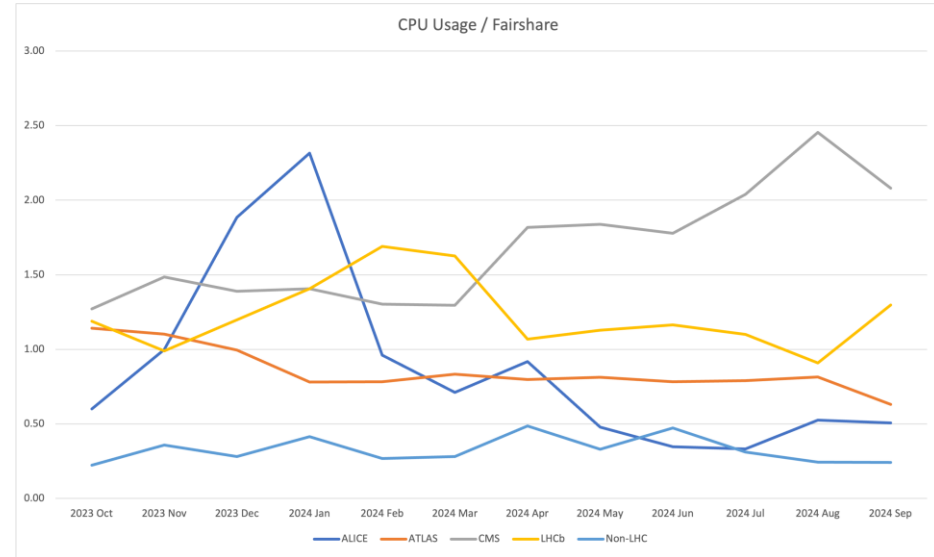
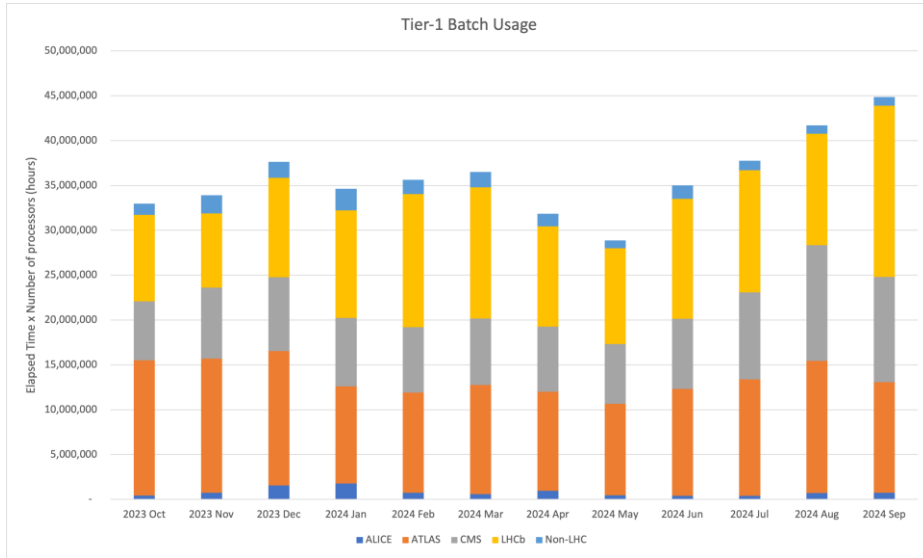


# Experiment Resource Usage 2024 Q3

# CPU usage



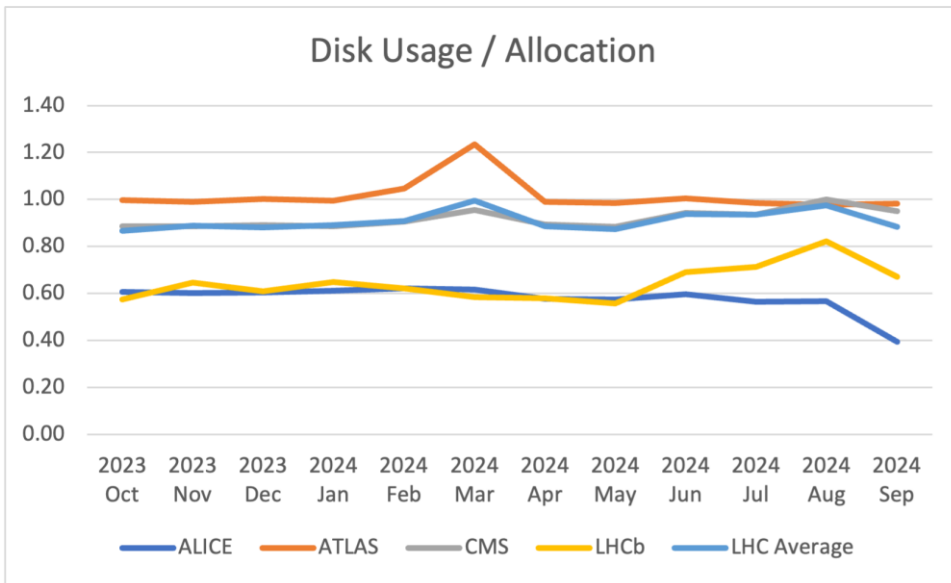
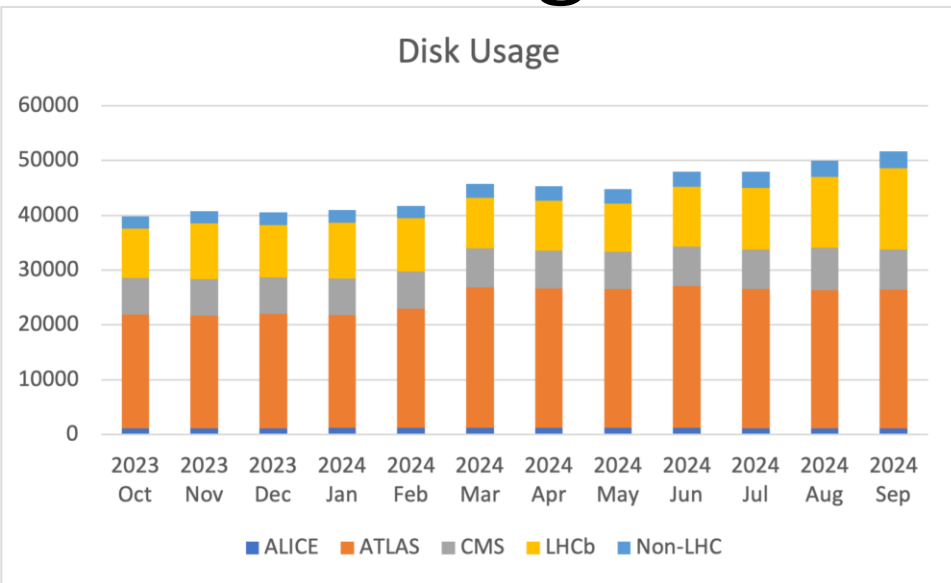
	2023 Oct	2023 Nov	2023 Dec	2024 Jan	2024 Feb	2024 Mar	2024 Apr	2024 May	2024 Jun	2024 Jul	2024 Aug	2024 Sep
ALICE	437,661	748,861	1,567,103	1,772,219	756,301	573,269	957,853	453,217	398,086	412,526	717,746	744,137
ATLAS	15,060,320	14,956,987	14,987,131	10,817,400	11,159,012	12,171,314	11,042,271	10,194,454	11,913,233	12,972,941	14,745,306	12,312,853
CMS	6,583,228	7,905,044	8,205,832	7,643,727	7,291,983	7,427,810	7,278,423	6,680,569	7,826,623	9,686,553	12,880,440	11,745,348
LHCb	9,642,168	8,255,570	11,083,065	11,974,828	14,814,265	14,600,382	11,149,964	10,677,993	13,358,106	13,626,127	12,427,138	19,070,036
Non-LHC	1,239,750	2,049,406	1,783,444	2,422,345	1,611,289	1,730,450	1,406,940	865,962	1,501,745	1,070,410	925,557	989,315
<b>Total</b>	<b>32,963,127</b>	<b>33,915,867</b>	<b>37,626,576</b>	<b>34,630,520</b>	<b>35,632,850</b>	<b>36,503,225</b>	<b>31,835,449</b>	<b>28,872,194</b>	<b>34,997,793</b>	<b>37,768,557</b>	<b>41,696,186</b>	<b>44,861,689</b>



# Non-LHC CPU Usage (2)

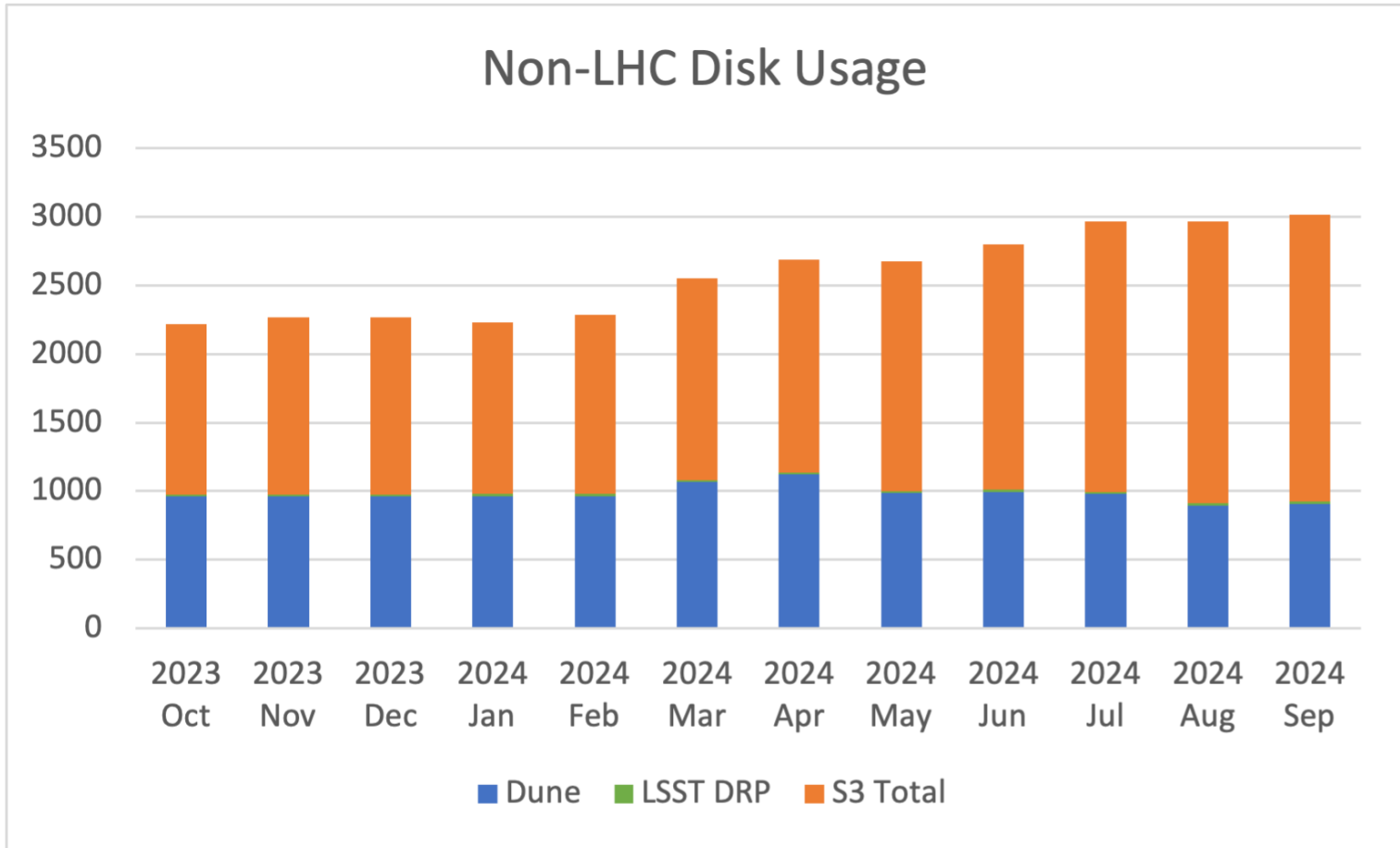
	2023 Oct	2023 Nov	2023 Dec	2024 Jan	2024 Feb	2024 Mar	2024 Apr	2024 May	2024 Jun	2024 Jul	2024 Aug	2024 Sep
biomed	436,786	905,799	3,629	6,065	43,531	110,021	146,018	6,596	226,511	12,477	30,458	783
dune	3,228	4,368	27,299	55,645	176,966	30,745	38,563	75,079	42,211	33,459	48,671	186,470
enmr	51,557	124,616	93,758	124,248	62,464	218,726	103,061	139,541	122,716	156,571	94,898	274,614
euclid	8	205,081	177,052	355,497	6	44,497	6	4	7	4	3	3
fermilab	66	104,160	408,600	465,886	724,253	568,534	517,741	180,511	95,023	156,990	480,417	78,129
gridpp	48	19	9	868,305	10,208	160	5	3	4	4	3	3
hyperk	-	-	-	-	-	-	-	-	-	-	-	0
ilc	4,708	2,673	-	-	-	552	-	-	696	-	-	-
lsst	11	10	8	12	29	17	85	128	11,788	5,046	7,062	6,352
na62	718,457	613,735	785,785	396,566	361,333	655,726	379,538	261,827	691,988	497,327	222,614	408,690
ops	385	290	279	388	372	413	416	238	464	457	388	331
pheno	6	7	6	6	4	5	5	4	4	3	3	2
skatelescope				-	-	-	-	-	-	-	-	-
snoplus	20,115	33,023	39,863	910	419	10,051	2,995	25,604	5,597	20	3	544
t2k	4,374	45,778	0	21,926	-	5,692	9	-	8,874	0	10,454	4,089
virgo	-	9,847	247,155	126,891	231,704	85,312	218,497	176,427	295,861	208,051	30,583	29,304

# Disk usage



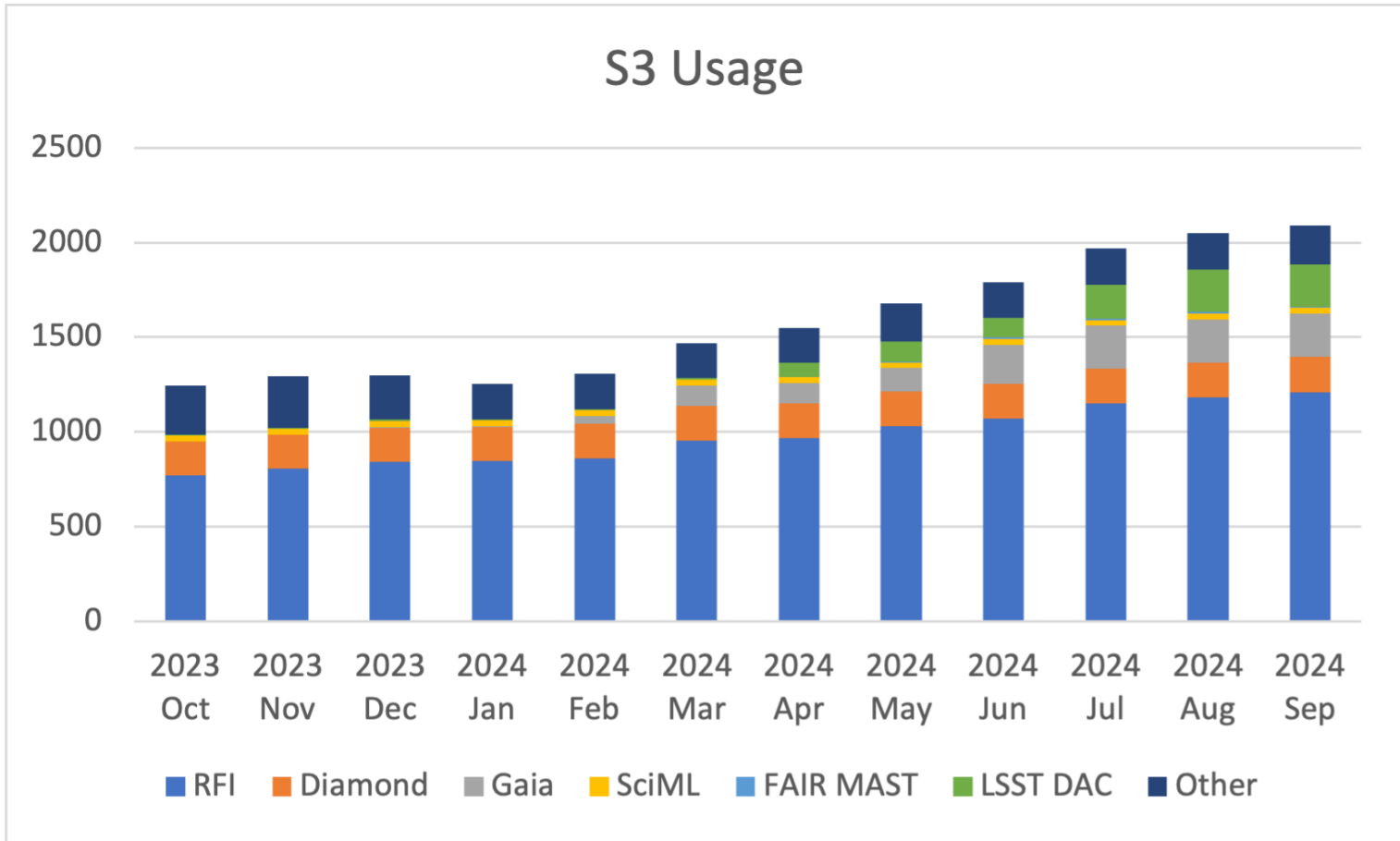
Usage	2023 Oct	2023 Nov	2023 Dec	2024 Jan	2024 Feb	2024 Mar	2024 Apr	2024 May	2024 Jun	2024 Jul	2024 Aug	2024 Sep
ALICE	1168	1156	1162	1176	1195	1186	1184	1180	1224	1161	1164	1149
ATLAS	20,728	20,549	20,814	20,661	21,721	25,659	25,516	25,358	25,862	25,363	25,187	25,323
CMS	6,625	6,625	6,660	6,637	6,781	7,144	6,867	6,808	7,252	7,206	7,697	7,308
LHCb	9,030	10,166	9,594	10,210	9,767	9,176	9,099	8,774	10,845	11,214	12,943	14,852
Non-LHC	2,218	2,268	2,270	2,229	2,283	2,550	2,688	2,678	2,799	2,966	2,965	3,016
Total	39769	40764	40500	40913	41747	45715	45354	44798	47982	47910	49956	51648

# Non-LHC Disk Usage



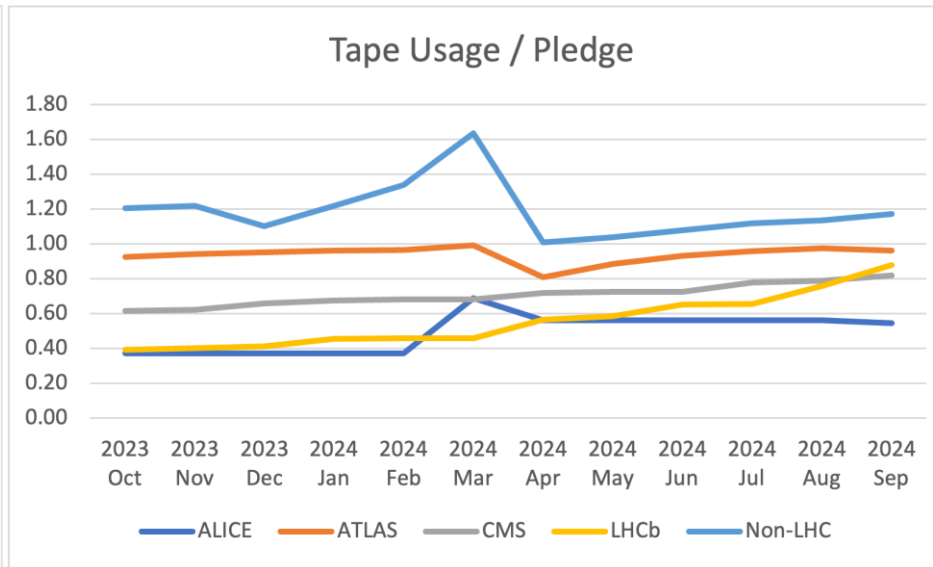
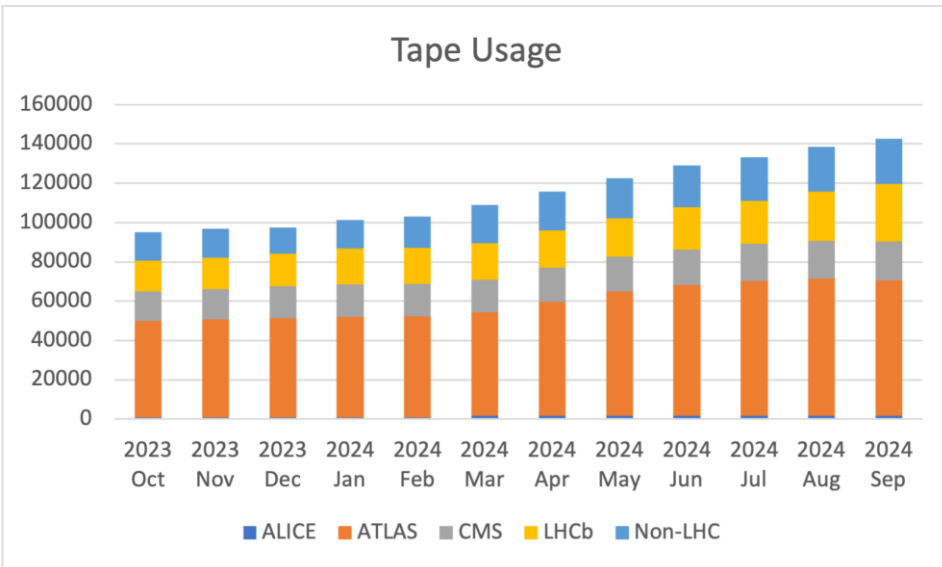
Usage	2023 Oct	2023 Nov	2023 Dec	2024 Jan	2024 Feb	2024 Mar	2024 Apr	2024 May	2024 Jun	2024 Jul	2024 Aug	2024 Sep
Dune	961	961	961	965	965	1067	1125	985	996	983	897	908
LSST DRP	13	13	13	13	13	13	13	13	13	13	18	18
S3 Total	1244	1294	1296	1251	1305	1470	1550	1680	1790	1970	2050	2090

# S3 Disk Usage



Usage	2023 Oct	2023 Nov	2023 Dec	2024 Jan	2024 Feb	2024 Mar	2024 Apr	2024 May	2024 Jun	2024 Jul	2024 Aug	2024 Sep
RFI	771	806	842	845	860	954	967	1030	1070	1150	1180	1210
Diamond	178	178	179	179	181	181	181	183	183	182	185	185
Gaia	0	0	5	5	41	111	111	123	206	228	228	228
SciML	30	30	31	31	31	31	31	31	31	31	31	31
FAIR MAST	0	0	0	0	0	0	0	4	8	8	8	8
LSST DAC	7	7	7	7	7	8	73	106	106	178	225	221
Other	258	273	232	184	185	185	187	203	186	193	193	207

# Tape usage



Usage	2023 Oct	2023 Nov	2023 Dec	2024 Jan	2024 Feb	2024 Mar	2024 Apr	2024 May	2024 Jun	2024 Jul	2024 Aug	2024 Sep
ALICE	933	933	933	933	933	1727	1727	1727	1727	1727	1727	1677
ATLAS	49024	49847	50534	51067	51149	52507	57814	63142	66571	68464	69671	68750
CMS	15090	15261	16148	16610	16713	16746	17600	17804	17806	19088	19392	20070
LHCb	15696	16120	16496	18188	18328	18341	18740	19387	21628	21702	25101	29097
Non-LHC	14464	14620	13231	14628	16062	19641	19992	20611	21341	22169	22484	23206
Total	95207	96781	97342	101426	103185	108962	115873	122671	129073	133150	138375	142800



