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# Bandwidth per WG and per stream

Note: 5 kHz trigger rate is used in the calculation as for 2012 data, to allow direct comparison with Stripping20. Effectively, retention\*event size is compared. "Real" bandwidth is 3/5 of that (assuming 3 kHz trigger rate for most of 2011).

WG / Stream	Bhadron	BhadronCompleteEvent	Calibration	Charm	CharmCompleteEvent	CharmToBeSwum	Dimuon	EW	Leptonic	MiniBias	PID	Radiative	Semileptonic	Total, Mb/s	Time, ms/event
Event size, kb	12.2	125.5	29.1	8.0	126.8	36.5	117.2	77.8	6.8	47.5	2.2	146.8	113.9		
B2CC	0.00						3.01							3.02	24.1
B2OC	1.68	7.90			0.48									10.07	223.3
BandQ				0.31	1.49		7.74		3.05				0.00	12.59	29.2
Calib			1.01						0.15	1.42	0.36	0.56		3.50	97.8
Charm				3.89	4.09	2.92	0.13							11.03	194.5
Charmless	0.74	2.09												2.82	85.7
QEE							0.15	5.37						5.52	32.1
RD		1.10					3.10	0.23	0.08			2.09	0.54	7.13	109.7
SL		2.42			0.64		0.44						5.05	8.55	50.5
All	2.36	12.60	1.01	4.18	6.64	2.94	12.31	5.63	3.25	1.32	0.36	2.66	5.56	60.81	792.0

## Lines removed in Stripping 20r1

WG	Stream	Line	Rate	ms/evt
BandQ	Leptonic	StrippingMicroDSTDiMuonDiMuonPrescaledLine	0.7458	0.043
Charmless	Bhadron	StrippingB2HHBkgLine	0.1463	1.165
RD	Dimuon	StrippingBuToK1MuMu_BuToK1MuMuLine	0.0033	1.756
RD	Dimuon	StrippingBuToK1MuMu_BuToK1MuMuSSLLine	0.0023	0.989

## New lines in Stripping 20r1

WG	Stream	Line	Rate	ms/evt
B2CC	Dimuon	StrippingBetaSBs2JpsiKstarWideLine	0.0142	0.351
B2OC	Bhadron	StrippingB02D0PPbarD2HHBeauty2CharmLine	0.1284	1.924
B2OC	Bhadron	StrippingB02D0PPbarWSD2HHBeauty2CharmLine	0.0079	0.264
B2OC	Bhadron	StrippingBs2D0KS0Line	0.0298	3.911
B2OC	BhadronCompleteEvent	StrippingB02D0D0FULLDSTBeauty2CharmLine	0.0242	0.349
B2OC	BhadronCompleteEvent	StrippingB02D0KPiD2HHFULLDSTBeauty2CharmLine	0.0332	0.338
B2OC	BhadronCompleteEvent	StrippingB02D0PiPiD2HHFULLDSTBeauty2CharmLine	0.0280	0.339
B2OC	BhadronCompleteEvent	StrippingB02DDFULLDSTBeauty2CharmLine	0.0282	1.249
B2OC	BhadronCompleteEvent	StrippingB02DKPiPiD2HHFULLDSTBeauty2CharmLine	0.0417	2.784
B2OC	BhadronCompleteEvent	StrippingB02DPiPiPiD2HHFULLDSTBeauty2CharmLine	0.0446	0.776
B2OC	BhadronCompleteEvent	StrippingD02HHTopoTOSLine	0.1017	0.160
B2OC	BhadronCompleteEvent	StrippingPseudoDoubleTopoLine	0.2782	8.553
BandQ	Semileptonic	Strippingbb2D0MuXBB2DMuNuXLine	0.0001	5.038
Charm	CharmCompleteEvent	StrippingChargedHyperonsOmegaminus2LambdaK	0.0060	3.756
Charm	CharmCompleteEvent	StrippingChargedHyperonsXiminus2LambdaPi	0.0499	8.862
Charm	CharmCompleteEvent	StrippingDstarD02xxDst2PiD02emuBox	0.0069	7.667
Charm	CharmCompleteEvent	StrippingKshort2MuMuPiPi_PiPiLine	0.0000	0.618
RD	BhadronCompleteEvent	StrippingB2XTau_TauMu_SB_TOSLine	0.0032	0.046
RD	BhadronCompleteEvent	StrippingB2XTau_TauTau_SB_TOSLine	0.0025	0.050
RD	Dimuon	StrippingB2MuMuMuMuLinesB2JpsiKmumuLine	0.0002	0.152
RD	Dimuon	StrippingB2MuMuMuMuLinesB2JpsiPhimumuLine	0.0000	0.061
RD	Semileptonic	Strippingb2LambdaMuLine	0.0426	7.261
RD	Semileptonic	Strippingtau2LambdaMuLine	0.0529	0.396
SL	BhadronCompleteEvent	StrippingB2DHHHwD2PiPiB2DHHHForBXXLine	0.0375	0.650
SL	BhadronCompleteEvent	StrippingBc2JpsiTauNuNonPhysTauForB2XTauNu	0.0127	0.079
SL	BhadronCompleteEvent	StrippingBd2DTauNuNonPhysTauForB2XTauNu	0.0176	0.062
SL	BhadronCompleteEvent	StrippingBd2DdoubleStarTauNuNonPhysTauForB2XTauNu	0.0074	0.055
SL	BhadronCompleteEvent	StrippingBd2DstarTauNuNonPhysTauForB2XTauNu	0.0372	0.079
SL	BhadronCompleteEvent	StrippingBs2DsTauNuNonPhysTauForB2XTauNu	0.0195	0.062
SL	BhadronCompleteEvent	StrippingBu2D0TauNuNonPhysTauForB2XTauNu	0.0233	0.066
SL	BhadronCompleteEvent	StrippingLb2LcHHHwLc2KPiB2DHHHForBXXLine	0.0446	0.128

# Lines with large (x2 and more) difference in retention

For Stripping20 retention, Reco14 2012 sample is used (run 125113). For Stripping20r1, the test sample is Reco14 2011 data, mixture of 3 MagDown runs with different TCKs.

WG	Stream	Line	Str20	Str20r1
B2CC	Bhadron	StrippingB2ChicKst_Chic2KKPiPiB2CharmoniumX_6HLine	0.0033	0.0010
B2CC	Bhadron	StrippingB2EtacKst_Etac2KKPiPiB2CharmoniumX_6HLine	0.0021	0.0007
B2CC	Bhadron	StrippingBs2ChicPhi_Chic2KKPiPiB2CharmoniumX_6HLine	0.0035	0.0006
B2CC	Bhadron	StrippingBs2ChicPhi_Chic2PiPiPiPiB2CharmoniumX_6HL	0.0009	0.0002
B2CC	Bhadron	StrippingBs2EtacPhi_Etac2KKPiPiB2CharmoniumX_6HLine	0.0021	0.0003
B2CC	Dimuon	StrippingBetaSBd2JpsiKsPrescaledLine	0.0110	0.0318
B2CC	Dimuon	StrippingBetaSBd2JpsiKstarPrescaledLine	0.0089	0.0298
B2CC	Dimuon	StrippingBetaSBs2JpsiPhiPrescaledLine	0.0139	0.0460
B2CC	Dimuon	StrippingBetaSPsi2SMuMu_Bd2Psi2SKstarMuMuPrescaled	0.0043	0.0087
B2CC	Dimuon	StrippingBetaSPsi2SMuMu_Bs2Psi2SPhiMuMuPrescaledLi	0.0050	0.0105
BandQ	Charm	StrippingCcbar2PhiB2JpsiKLine	0.1062	0.0502
BandQ	Charm	StrippingCcbar2PhiBs2JpsiPhiLine	0.0189	0.0079
BandQ	CharmCompleteEvent	StrippingBetac2PhiPBetac2PhiPLine	0.0267	0.2343
BandQ	Dimuon	StrippingFullDSTDiMuonPsi2MuMuTOSLine	0.0428	0.0196
BandQ	Dimuon	StrippingHeavyBaryonXibzero2JpsiXistar	0.0013	0.0037
Calib	Calibration	StrippingTrackEffMuonTT_UpsilonLine1	0.0001	0.0004
Calib	Calibration	StrippingTrackEffMuonTT_UpsilonLine2	0.0001	0.0005
Calib	MiniBias	StrippingHlt1L0AnyPrescaled	0.0044	0.5112
Calib	MiniBias	StrippingHlt1L0AnyRateLimited	0.0000	0.0946
Calib	MiniBias	StrippingMBNoBias	0.0202	0.0000
Charm	Charm	StrippingCharmForVubPrescaledHMuNuLine	0.7406	0.3054
Charm	Charm	StrippingCharmedAndCharmedStrangeSpectroscopy_Dsta	0.6177	0.2467
Charm	Charm	StrippingXiccXiccPlusPlusToDpPKPiWC	0.0250	0.0121
Charm	Charm	StrippingXiccXiccPlusPlusToXicPlusPi	0.0079	0.0039
Charm	Charm	StrippingXiccXiccPlusPlusToXicZeroPiPi	0.0051	0.0018
Charm	Charm	StrippingXiccXiccPlusPlusToXicZeroPiPiWC	0.0107	0.0042
Charm	Charm	StrippingXiccXiccPlusToXicZeroPi	0.0075	0.0031
Charm	Charm	StrippingXiccXiccPlusToXicZeroPiWC	0.0086	0.0042
Charm	CharmCompleteEvent	StrippingD2HHLTUnbiasedD02HHLLine	0.0213	0.0081
Charm	CharmCompleteEvent	StrippingD2HHLTUnbiasedDstar2D0Pi_D02HHLLine	0.0043	0.0016
Charm	CharmCompleteEvent	StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxMB	0.0006	0.0063
Charm	CharmCompleteEvent	StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxMBTrEf	0.0014	0.0005
Charmless	Bhadron	StrippingB2KPhiPhiNominalLine	0.0185	0.0088
Charmless	Bhadron	StrippingB2hhLTUnbiasedNeuroBayesLine	0.0396	0.1014
Charmless	Bhadron	StrippingBs2Q2Body4KLine	0.0740	0.0319
Charmless	BhadronCompleteEvent	StrippingBetaSBs2PhiKstNominalLine	0.0361	0.0169
QEE	EW	StrippingDY2MuMuLine1Hlt	0.0303	0.0792
QEE	EW	StrippingDiPhotonDiMuonNoPVLine	0.0000	0.0110
QEE	EW	StrippingDisplVerticesDouble	0.0447	0.0190
QEE	EW	StrippingDisplVerticesSingle	0.3072	0.0695
QEE	EW	StrippingDisplVerticesSingleDown	0.0273	0.0102
QEE	EW	StrippingLowMultCEP_ChiC2HHHHWS_line	0.0022	0.0003

StrippingStatisticsStripping20r1Test1 < LHCb < TWiki

QEE	EW	StrippingLowMultCEP_ChiC2HHHH_line	0.0491	0.0033
QEE	EW	StrippingLowMultCEP_ChiC2HHWS_line	0.0010	0.0003
QEE	EW	StrippingLowMultCEP_ChiC2HH_line	0.0245	0.0077
QEE	EW	StrippingLowMultCEP_ChiC2PPWS_line	0.0003	0.0000
QEE	EW	StrippingLowMultCEP_ChiC2PP_line	0.0269	0.0029
QEE	EW	StrippingLowMultCEP_D2K3PiWS_line	0.0009	0.0000
QEE	EW	StrippingLowMultCEP_D2K3Pi_line	0.0172	0.0002
QEE	EW	StrippingLowMultCEP_D2KPiPiWS_line	0.0013	0.0000
QEE	EW	StrippingLowMultCEP_D2KPiPi_line	0.1846	0.0034
QEE	EW	StrippingLowMultCEP_D2KPiWS_line	0.0040	0.0004
QEE	EW	StrippingLowMultCEP_D2KPi_line	0.1779	0.0059
QEE	EW	StrippingLowMultCEP_KK_line	0.0515	0.0013
QEE	EW	StrippingLowMultCEP_LMR2HH_line	0.0841	0.0014
QEE	EW	StrippingLowMultElectronLine	0.0065	0.0714
QEE	EW	StrippingLowMultElectronLineNoFilter	0.0004	0.0012
QEE	EW	StrippingLowMultElectronLinePS	0.0000	0.0013
QEE	EW	StrippingLowMultHadronLine	0.1990	0.0664
QEE	EW	StrippingLowMultHadronLineNoFilter	0.0012	0.0005
QEE	EW	StrippingLowMultPhotonLine	0.0089	0.0207
QEE	EW	StrippingWMuControl4800Line	0.0071	0.1001
RD	BhadronCompleteEvent	StrippingB2XTau_DD_SameSign_TISLine	0.0032	0.0013
RD	BhadronCompleteEvent	StrippingB2XTau_DD_TISLine	0.0035	0.0014
RD	Leptonic	StrippingInflaton2MuMuForMicroLongLine	0.1520	0.0530
RD	Leptonic	StrippingKS02MuMuLine	0.0768	0.0156
RD	Radiative	StrippingB2K1Gamma_B2VG_Line	0.0228	0.0677
RD	Radiative	StrippingB2KstarGammaConv_B2VG_Line	0.0010	0.0049
RD	Radiative	StrippingB2KstarKSGamma_B2VPG_Line	0.0009	0.0031
RD	Radiative	StrippingB2OmegaGammaHHH_B2VG_Line	0.0001	0.0057
RD	Radiative	StrippingB2PhiGammaConv_B2VG_Line	0.0001	0.0007
RD	Radiative	StrippingB2PhiKSGamma_B2VPG_Line	0.0001	0.0004
RD	Radiative	StrippingB2RhoKSGamma_B2VPG_Line	0.0006	0.0023
RD	Radiative	StrippingLb2PKGgammaLb2PKGgammaLine	0.0057	0.0407
SL	Semileptonic	Strippingb2D0MuX3KPiB2DMuNuXLine	0.0004	0.0010

## Bhadron

Line name	N evnts	Rate, %	ms/evt
StrippingBs2ChicPhi_Chic2PiPiPiPiB2CharmoniumX_6HL	2688	0.0002	3.949
StrippingBs2EtacPhi_Etac2KKPiPiB2CharmoniumX_6HLin	3808	0.0003	0.165
StrippingBs2ChicPhi_Chic2KKPiPiB2CharmoniumX_6HLin	7616	0.0006	0.113
StrippingB2EtacKst_Etac2KKPiPiB2CharmoniumX_6HLin	8064	0.0007	1.161
StrippingB2ChicKst_Chic2KKPiPiB2CharmoniumX_6HLin	12769	0.0010	0.079

## Dimuon

Line name	N evnts	Rate, %	ms/evt
StrippingBetaSJpsi2MuMuLine	334235	0.0271	0.065
StrippingBetaSJpsi2MuMuDetachedLine	467189	0.0379	0.274
StrippingBetaSBu2JpsiKPrescaledLine	838388	0.0680	0.119
StrippingBetaSBu2JpsiKDetachedLine	476374	0.0387	3.017
StrippingBetaSBu2JpsiKNoPIDDetachedLine	553772	0.0449	0.758
StrippingBetaSBs2JpsiPhiPrescaledLine	566990	0.0460	0.116
StrippingBetaSBs2JpsiPhiDetachedLine	119289	0.0097	0.194
StrippingBetaSBd2JpsiKstarPrescaledLine	366717	0.0298	0.116
StrippingBetaSBd2JpsiKstarDetachedLine	309481	0.0251	1.001
StrippingBetaSBd2JpsiKsPrescaledLine	392255	0.0318	0.162
StrippingBetaSBd2JpsiKsDetachedLine	71909	0.0058	0.094
StrippingBetaSBd2JpsiKsLDDetachedLine	33154	0.0027	0.147
StrippingBetaSBs2Jpsif0Line	589055	0.0478	1.232
StrippingBetaSBs2JpsiKstarLine	209120	0.0170	0.489
StrippingBetaSBs2JpsiKstarWideLine	174846	0.0142	0.351
StrippingBetaSLambdab2JpsiLambdaUnbiasedLine	553436	0.0449	0.252
StrippingBetaSBd2JpsiPi0DetachedLine	441987	0.0359	1.174
StrippingBetaSLambdab2JpsippiDetachedLine	329642	0.0268	0.409
StrippingBetaSPsi2S_InclPsi2SToJpsiPiPiLine	120745	0.0098	0.049
StrippingBetaSPsi2S_Bs2Psi2SPhiJpsiPiPiLine	9968	0.0008	0.147
StrippingBetaSPsi2S_Bu2Psi2SKJpsiPiPiLine	68101	0.0055	0.101
StrippingBetaSPsi2S_Bd2Psi2SKstarJpsiPiPiLine	30018	0.0024	0.078
StrippingBetaSPsi2S_Bd2Psi2SKsJpsiPiPiLine	37075	0.0030	0.045
StrippingB2JpsiKshhDDLLine	135531	0.0110	0.229
StrippingB2JpsiKshhLLLLine	45587	0.0037	0.064
StrippingB2JpsiKshhDDSameSignLine	128586	0.0104	0.227
StrippingB2JpsiKshhLLSameSignLine	41555	0.0034	0.062
StrippingBetaSPsi2SMuMu_InclPsi2SToMuMuLine	250788	0.0204	0.051
StrippingBetaSPsi2SMuMu_InclPsi2SToMuMuDetatchedLi	156812	0.0127	0.115
StrippingBetaSPsi2SMuMu_Bs2Psi2SPhiMuMuPrescaledLi	129146	0.0105	0.215
StrippingBetaSPsi2SMuMu_Bs2Psi2SPhiMuMuDetatchedLi	21841	0.0018	0.199
StrippingBetaSPsi2SMuMu_Bu2Psi2SKMuMuDetatchedLine	186607	0.0151	0.207
StrippingBetaSPsi2SMuMu_Bu2Psi2SKMuMuPrescaledLine	243395	0.0198	0.056
StrippingBetaSPsi2SMuMu_Bd2Psi2SKstarMuMuDetatched	120297	0.0098	0.310
StrippingBetaSPsi2SMuMu_Bd2Psi2SKstarMuMuPrescaled	107192	0.0087	0.049
StrippingBetaSPsi2SMuMu_Bd2Psi2SKsMuMuDetatchedLin	21505	0.0017	0.071
StrippingBetaSPsi2SMuMu_Bd2Psi2SKsMuMuPrescaledLin	150316	0.0122	0.050

# Bhadron

Line name	N evnts	Rate, %	ms/evt
StrippingB2threebodyLine	689754	0.0560	17.994
StrippingB2fourbodyLine	500721	0.0406	3.424
StrippingB2twobodyLine	416694	0.0338	2.106
StrippingB02DKWSD2PhiMuNuBeauty2CharmLine	29193	0.0024	0.474
StrippingB02DPiWSD2PhiMuNuBeauty2CharmLine	25641	0.0021	0.465
StrippingB02DKWSD2HHHBeauty2CharmLine	147741	0.0120	0.899
StrippingB02DPiWSD2HHHBeauty2CharmLine	139860	0.0114	0.708
StrippingB2D0KD2HHUPBeauty2CharmLine	159396	0.0129	2.941
StrippingB2D0PiD2HHUPBeauty2CharmLine	146298	0.0119	0.116
StrippingB02D0KKD2HHBeauty2CharmLine	2958261	0.2401	1.774
StrippingB02D0PiPiD2HHBeauty2CharmLine	1812408	0.1471	0.212
StrippingB02D0KPiD2HHBeauty2CharmLine	2826725	0.2294	1.535
StrippingB02DHHWSD2HHBeauty2CharmLine	251748	0.0204	0.385
StrippingB02D0KKD2HHWSBeauty2CharmLine	222333	0.0180	0.247
StrippingB02D0PiPiD2HHWSBeauty2CharmLine	147852	0.0120	0.201
StrippingB02D0KPiD2HHWSBeauty2CharmLine	219336	0.0178	0.277
StrippingB02DHHWSD2HHWSBeauty2CharmLine	209457	0.0170	0.613
StrippingB02D0KSDDD2HHBeauty2CharmLine	40293	0.0033	0.463
StrippingB02D0KSLLD2HHBeauty2CharmLine	47508	0.0039	0.539
StrippingB2D0KPi0MergedD2HHPIDBeauty2CharmLine	342546	0.0278	1.262
StrippingB2D0PiPi0MergedD2HHPIDBeauty2CharmLine	310134	0.0252	0.151
StrippingB2D0KsPiDDD2HHPIDBeauty2CharmLine	230436	0.0187	0.328
StrippingB2D0KPi0ResolvedD2HHPIDBeauty2CharmLine	5043840	0.4094	1.562
StrippingB2D0KsPiLLD2HHPIDBeauty2CharmLine	212676	0.0173	0.232
StrippingB2D0PiPi0ResolvedD2HHPIDBeauty2CharmLine	4918188	0.3992	0.408
StrippingB02DKWSD2KSHLLBeauty2CharmLine	5772	0.0005	0.212
StrippingB02DPiWSD2KSHLLBeauty2CharmLine	4662	0.0004	0.143
StrippingB02DKWSD2KSHDDBeauty2CharmLine	2886	0.0002	0.202
StrippingB02DPiWSD2KSHDDBeauty2CharmLine	2997	0.0002	0.140
StrippingB02DKWSD2Pi0HHHResolvedBeauty2CharmLine	183150	0.0149	1.575
StrippingB02DPiWSD2Pi0HHHResolvedBeauty2CharmLine	161394	0.0131	1.380
StrippingB02DKWSD2Pi0HHHMergedBeauty2CharmLine	11877	0.0010	0.274
StrippingB02DPiWSD2Pi0HHHMergedBeauty2CharmLine	11100	0.0009	0.212
StrippingB02DKWSD2HHHUPBeauty2CharmLine	34743	0.0028	0.550
StrippingB02DPiWSD2HHHUPBeauty2CharmLine	34077	0.0028	0.465
StrippingB02DKsPiDDD2HHHCFPIDBeauty2CharmLine	222999	0.0181	4.401
StrippingB02DPiPi0MergedD2HHHCFPIDBeauty2CharmLine	308247	0.0250	0.308
StrippingB02DKPi0MergedD2HHHCFPIDBeauty2CharmLine	340326	0.0276	0.264
StrippingB02DPiPi0ResolvedD2HHHCFPIDBeauty2CharmLi	4003992	0.3250	0.888
StrippingB02DKPi0ResolvedD2HHHCFPIDBeauty2CharmLin	4087575	0.3318	0.534
StrippingB02DKsPiLLD2HHHCFPIDBeauty2CharmLine	248196	0.0201	0.380
StrippingB02DKsPiLLWSD2HHHCFPIDBeauty2CharmLine	17982	0.0015	0.083
StrippingB02DPiPi0ResolvedWSD2HHHCFPIDBeauty2Charm	259518	0.0211	0.102
StrippingB02DKPi0MergedWSD2HHHCFPIDBeauty2CharmLin	27528	0.0022	0.067
StrippingB02DKsPiDDWSD2HHHCFPIDBeauty2CharmLine	12876	0.0010	0.087
StrippingB02DKPi0ResolvedWSD2HHHCFPIDBeauty2CharmL	261516	0.0212	0.104
StrippingB02DPiPi0MergedWSD2HHHCFPIDBeauty2CharmLi	21867	0.0018	0.066



## StrippingStatisticsStripping20r1Test1 &lt; LHCb &lt; TWiki

StrippingB2DKKD2HHHCFPIDBeauty2CharmLine	1587633	0.1289	0.581
StrippingB2DKPiD2HHHCFPIDBeauty2CharmLine	2779107	0.2256	0.869
StrippingB2DPiPiD2HHHCFPIDBeauty2CharmLine	2034297	0.1651	0.384
StrippingB2DHHOSD2HHHCFPIDBeauty2CharmLine	2033853	0.1651	3.501
StrippingB2DRho0D2HHHPIDBeauty2CharmLine	552558	0.0448	0.415
StrippingB2DKstar0D2HHHPIDBeauty2CharmLine	635142	0.0515	0.682
StrippingB2DPhiD2HHHPIDBeauty2CharmLine	176823	0.0144	0.337
StrippingB2DKSDDD2HHHBeauty2CharmLine	177600	0.0144	0.320
StrippingB2DKSLLD2HHHBeauty2CharmLine	179931	0.0146	0.323
StrippingB2D0KD2KSHHLLBeauty2CharmLine	296703	0.0241	0.509
StrippingB2D0PiD2KSHHLLBeauty2CharmLine	262959	0.0213	0.124
StrippingB2D0KD2KSHHDDBeauty2CharmLine	116106	0.0094	0.581
StrippingB2D0PiD2KSHHDDBeauty2CharmLine	103452	0.0084	0.108
StrippingB02D0KKD2KSHHLLBeauty2CharmLine	817293	0.0663	0.166
StrippingB02D0PiPiD2KSHHLLBeauty2CharmLine	415362	0.0337	0.144
StrippingB02D0KPiD2KSHHLLBeauty2CharmLine	765567	0.0621	0.203
StrippingB02DHHWSD2KSHHLLBeauty2CharmLine	66600	0.0054	0.103
StrippingB02D0KKD2KSHHDDBeauty2CharmLine	297702	0.0242	0.129
StrippingB02D0PiPiD2KSHHDDBeauty2CharmLine	205683	0.0167	0.116
StrippingB02D0KPiD2KSHHDDBeauty2CharmLine	291264	0.0236	0.147
StrippingB02DHHWSD2KSHHDDBeauty2CharmLine	21201	0.0017	0.085
StrippingB2D0KD2KSHHLLWSBeauty2CharmLine	18537	0.0015	0.205
StrippingB2D0PiD2KSHHLLWSBeauty2CharmLine	17316	0.0014	0.170
StrippingB2D0KD2KSHHDDWSBeauty2CharmLine	6549	0.0005	0.213
StrippingB2D0PiD2KSHHDDWSBeauty2CharmLine	7881	0.0006	0.179
StrippingB02DstarKDst2D0Pi_D2KSHHLLBeauty2CharmLin	16094	0.0013	0.126
StrippingB02DstarPiDst2D0Pi_D2KSHHLLBeauty2CharmLi	14430	0.0012	0.100
StrippingB02DstarKDst2D0Pi_D2KSHHDDBeauty2CharmLin	5772	0.0005	0.108
StrippingB02DstarPiDst2D0Pi_D2KSHHDDBeauty2CharmLi	5328	0.0004	0.096
StrippingB2D0KD2HHHHBeauty2CharmLine	1253190	0.1017	6.240
StrippingB2D0PiD2HHHHBeauty2CharmLine	1043844	0.0847	0.275
StrippingB2D0KD2HHHHWSBeauty2CharmLine	42402	0.0034	2.278
StrippingB2D0PiD2HHHHWSBeauty2CharmLine	39294	0.0032	2.038
StrippingB2D0KD2HHHHUPBeauty2CharmLine	529248	0.0430	19.957
StrippingB2D0PiD2HHHHUPBeauty2CharmLine	287823	0.0234	0.286
StrippingB02D0KKD2KPiPiPiBeauty2CharmLine	2241201	0.1819	0.455
StrippingB02D0PiPiD2KPiPiPiBeauty2CharmLine	1288155	0.1045	0.322
StrippingB02D0KPiD2KPiPiPiBeauty2CharmLine	2138304	0.1735	0.571
StrippingB02DHHWSD2KPiPiPiBeauty2CharmLine	191364	0.0155	0.188
StrippingB02D0KKD2HHHHWSBeauty2CharmLine	79919	0.0065	1.914
StrippingB02D0PiPiD2HHHHWSBeauty2CharmLine	54390	0.0044	1.674
StrippingB02D0KPiD2HHHHWSBeauty2CharmLine	71706	0.0058	1.590
StrippingB02DHHWSD2HHHHWSBeauty2CharmLine	89022	0.0072	1.732
StrippingB02D0KSDDD2K3PiBeauty2CharmLine	34077	0.0028	0.129
StrippingB02D0KSLLD2K3PiBeauty2CharmLine	24975	0.0020	0.123
StrippingB2D0KD2Pi0HHResolvedBeauty2CharmLine	2403705	0.1951	3.967
StrippingB2D0PiD2Pi0HHResolvedBeauty2CharmLine	2211009	0.1795	0.374
StrippingB2D0KD2Pi0HHWSResolvedBeauty2CharmLine	172493	0.0140	0.528
StrippingB2D0PiD2Pi0HHWSResolvedBeauty2CharmLine	158730	0.0129	0.474
StrippingB2D0KD2Pi0HHMergedBeauty2CharmLine	350538	0.0285	0.298

StrippingStatisticsStripping20r1Test1 < LHCb < TWiki

StrippingB2D0PiD2Pi0HHMergedBeauty2CharmLine	312132	0.0253	0.124
StrippingB2D0KD2Pi0HHWSMergedBeauty2CharmLine	24642	0.0020	0.165
StrippingB2D0PiD2Pi0HHWSMergedBeauty2CharmLine	23643	0.0019	0.148
StrippingB02D0KKD2Pi0KPiResolvedBeauty2CharmLine	3674211	0.2982	0.636
StrippingB02D0PiPiD2Pi0KPiResolvedBeauty2CharmLine	2733042	0.2218	0.394
StrippingB02D0KPiD2Pi0KPiResolvedBeauty2CharmLine	3641909	0.2956	0.736
StrippingB02DHHWSD2Pi0KPiResolvedBeauty2CharmLine	296703	0.0241	0.257
StrippingB02D0KKD2Pi0KPiMergedBeauty2CharmLine	399933	0.0325	0.139
StrippingB02D0PiPiD2Pi0KPiMergedBeauty2CharmLine	207459	0.0168	0.118
StrippingB02D0KPiD2Pi0KPiMergedBeauty2CharmLine	383949	0.0312	0.141
StrippingB02DHHWSD2Pi0KPiMergedBeauty2CharmLine	36075	0.0029	0.086
StrippingB2D0KKPiD2HHPIDBeauty2CharmLine	1743588	0.1415	2.348
StrippingB2D0KPiPiD2HHPIDBeauty2CharmLine	2236872	0.1815	3.174
StrippingB2D0PiPiPiD2HHPIDBeauty2CharmLine	1547339	0.1256	2.356
StrippingB2D0KKPiD2KSHHDDBeauty2CharmLine	221334	0.0180	0.277
StrippingB2D0KPiPiD2KSHHDDBeauty2CharmLine	315351	0.0256	0.334
StrippingB2D0PiPiPiD2KSHHDDBeauty2CharmLine	233877	0.0190	0.269
StrippingB2D0KKPiD2KSHHLLBeauty2CharmLine	762015	0.0618	0.388
StrippingB2D0KPiPiD2KSHHLLBeauty2CharmLine	896214	0.0727	0.488
StrippingB2D0PiPiPiD2KSHHLLBeauty2CharmLine	554334	0.0450	0.380
StrippingB02DKKPiD2HHHPIDBeauty2CharmLine	3045507	0.2472	1.368
StrippingB02DKPiPiD2HHHPIDBeauty2CharmLine	3796089	0.3081	1.780
StrippingB02DPiPiPiD2HHHPIDBeauty2CharmLine	2853366	0.2316	1.332
StrippingB02DKKPiWSD2HHHPIDBeauty2CharmLine	243867	0.0198	0.115
StrippingB02DKPiPiWSD2HHHPIDBeauty2CharmLine	328449	0.0267	0.130
StrippingB02DPiPiPiWSD2HHHPIDBeauty2CharmLine	247641	0.0201	0.112
StrippingB02DstKKPiDstar2D0PiPIDBeauty2CharmLine	224553	0.0182	0.200
StrippingB02DstKPiPiDstar2D0PiPIDBeauty2CharmLine	285714	0.0232	0.118
StrippingB02DstPiPiPiDstar2D0PiPIDBeauty2CharmLine	198690	0.0161	0.113
StrippingB02DstPiPiPiWSDstar2D0PiPIDBeauty2CharmLi	13431	0.0011	0.072
StrippingB02DstKPiPiWSDstar2D0PiPIDBeauty2CharmLin	22977	0.0019	0.079
StrippingB02DstKKPiWSDstar2D0PiPIDBeauty2CharmLine	14207	0.0012	0.071
StrippingB02DDBeauty2CharmLine	1981572	0.1608	0.429
StrippingB02DDWSBeauty2CharmLine	1563213	0.1269	0.418
StrippingB2D0DBeauty2CharmLine	1821732	0.1479	0.275
StrippingB2D0DD02K3PiBeauty2CharmLine	1223664	0.0993	0.542
StrippingB02DstDBeauty2CharmLine	218448	0.0177	0.125
StrippingB02DstDWSBeauty2CharmLine	17538	0.0014	0.073
StrippingB02D0D0Beauty2CharmLine	475413	0.0386	0.716
StrippingB2DstD0Beauty2CharmLine	85692	0.0070	0.112
StrippingB02DstDstBeauty2CharmLine	6327	0.0005	0.107
StrippingB02DstDstWSBeauty2CharmLine	221	0.0000	0.073
StrippingB2DDKBeauty2CharmLine	1651791	0.1341	0.956
StrippingB2DDKWSBeauty2CharmLine	44844	0.0036	0.100
StrippingB02D0DKBeauty2CharmLine	1310355	0.1064	0.344
StrippingB02D0DKWSBeauty2CharmLine	90243	0.0073	0.098
StrippingB2DstDKBeauty2CharmLine	823509	0.0668	0.483
StrippingB2DstDKWSBeauty2CharmLine	28971	0.0024	0.085
StrippingB2D0D0KBeauty2CharmLine	1563546	0.1269	1.534
StrippingB2DstD0KBeauty2CharmLine	161838	0.0131	0.128

## StrippingStatisticsStripping20r1Test1 &lt; LHCb &lt; TWiki

StrippingB2DstD0KWSBeauty2CharmLine	11988	0.0010	0.072
StrippingB2DstDstKBeauty2CharmLine	29193	0.0024	0.109
StrippingB2DstDstKWSBeauty2CharmLine	443	0.0000	0.070
StrippingB2Dst2460DKBeauty2CharmLine	492951	0.0400	0.336
StrippingB2Dst2460DKWSBeauty2CharmLine	17094	0.0014	0.078
StrippingB2D0st2460D0KBeauty2CharmLine	610389	0.0495	0.522
StrippingB02D0D0KstBeauty2CharmLine	607503	0.0493	1.033
StrippingB02DDKSDDBeauty2CharmLine	47286	0.0038	0.208
StrippingB02DDKSWSDDBeauty2CharmLine	4662	0.0004	0.087
StrippingB2D0DKSDDBeauty2CharmLine	129537	0.0105	0.270
StrippingB02DstDKSDDBeauty2CharmLine	26529	0.0022	0.136
StrippingB02DstDKSWSDDBeauty2CharmLine	2442	0.0002	0.077
StrippingB02D0D0KSDDBeauty2CharmLine	66711	0.0054	0.352
StrippingB2DstD0KSDDBeauty2CharmLine	13431	0.0011	0.112
StrippingB02DstDstKSDDBeauty2CharmLine	999	0.0001	0.107
StrippingB02DstDstKSWSDDBeauty2CharmLine	110	0.0000	0.074
StrippingB02DDKSLLBeauty2CharmLine	156066	0.0127	0.178
StrippingB02DDKSWLLBeauty2CharmLine	11766	0.0010	0.083
StrippingB2D0DKSLLBeauty2CharmLine	242313	0.0197	0.204
StrippingB02DstDKSLLBeauty2CharmLine	82362	0.0067	0.131
StrippingB02DstDKSWLLBeauty2CharmLine	5772	0.0005	0.077
StrippingB02D0D0KSLLBeauty2CharmLine	177156	0.0144	0.269
StrippingB2DstD0KSLLBeauty2CharmLine	24197	0.0020	0.110
StrippingB02DstDstKSLLBeauty2CharmLine	2775	0.0002	0.107
StrippingB02DstDstKSWLLBeauty2CharmLine	110	0.0000	0.074
StrippingLb2LcKLC2PKPiBeauty2CharmLine	800310	0.0650	3.877
StrippingLb2LcPiLc2PKPiBeauty2CharmLine	708957	0.0575	0.187
StrippingLb2LcKWSLc2PKPiBeauty2CharmLine	61272	0.0050	0.079
StrippingLb2LcPiWSLc2PKPiBeauty2CharmLine	52392	0.0043	0.078
StrippingLb2XicPiXic2PKPiBeauty2CharmLine	878676	0.0713	1.710
StrippingLb2XicKXic2PKPiBeauty2CharmLine	982017	0.0797	0.199
StrippingLb2XicKWSXic2PKPiBeauty2CharmLine	72816	0.0059	0.081
StrippingLb2XicPiWSXic2PKPiBeauty2CharmLine	66489	0.0054	0.079
StrippingSb2D0PD2HHPIDBeauty2CharmLine	777000	0.0631	0.231
StrippingSb02DPD2HHHPIDBeauty2CharmLine	1468086	0.1192	0.351
StrippingSb02DPWSD2HHHPIDBeauty2CharmLine	107115	0.0087	0.091
StrippingLb2D0PHD02HHBeauty2CharmLine	4140411	0.3360	4.755
StrippingLb2D0PHWSD02HHBeauty2CharmLine	452103	0.0367	0.501
StrippingLb2LcKKPiLc2PKPiBeauty2CharmLine	994560	0.0807	0.297
StrippingLb2LcppbarKLc2PKPiBeauty2CharmLine	653124	0.0530	1.444
StrippingLb2LcppbarPiLc2PKPiBeauty2CharmLine	1197579	0.0972	1.879
StrippingLb2LcKPiPiLc2PKPiBeauty2CharmLine	1324452	0.1075	0.229
StrippingLb2LcPiPiPiLc2PKPiBeauty2CharmLine	1074036	0.0872	0.197
StrippingLb2LcKPiPiWSLc2PKPiBeauty2CharmLine	106116	0.0086	0.083
StrippingLb2LcPiPiPiWSLc2PKPiBeauty2CharmLine	81141	0.0066	0.080
StrippingLb2LcppbarKWSLc2PKPiBeauty2CharmLine	52836	0.0043	0.079
StrippingLb2LcppbarPiWSLc2PKPiBeauty2CharmLine	85692	0.0070	0.082
StrippingLb2LcKKPiWSLc2PKPiBeauty2CharmLine	71151	0.0058	0.080
StrippingLb2LcDD2HHHPIDBeauty2CharmLine	868353	0.0705	0.243
StrippingLb2LcDWSD2HHHPIDBeauty2CharmLine	62937	0.0051	0.085

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StrippingLb2LcDstDstar2D0PiPIDBeauty2CharmLine	47730	0.0039	0.110
StrippingLb2LcDstWSDstar2D0PiPIDBeauty2CharmLine	3330	0.0003	0.073
StrippingX2LcLcBeauty2CharmLine	317127	0.0257	0.151
StrippingX2LcLcWSBeauty2CharmLine	21090	0.0017	0.075
StrippingB02D0PPbarD2HHBeauty2CharmLine	1582415	0.1284	1.924
StrippingB02D0PPbarWSD2HHBeauty2CharmLine	97458	0.0079	0.264
StrippingLb2Lc5PiLc2PKPiPIDBeauty2CharmLine	968364	0.0786	1.226
StrippingB02DKLTUBD2HHHBeauty2CharmLine	3228213	0.2620	0.094
StrippingDstarUPB02D0KKD2HHBeauty2CharmLine	76590	0.0062	0.117
StrippingDstarUPB02D0PiPiD2HHBeauty2CharmLine	51060	0.0041	0.110
StrippingDstarUPB02D0KPiD2HHBeauty2CharmLine	73593	0.0060	0.117
StrippingDstarUPB2DKKD2HHHCFFPIDBeauty2CharmLine	38184	0.0031	0.116
StrippingDstarUPB2DKPiD2HHHCFFPIDBeauty2CharmLine	76146	0.0062	0.129
StrippingDstarUPB2DPiPiD2HHHCFFPIDBeauty2CharmLine	60606	0.0049	0.117
StrippingDstarUPB2DPhiD2HHHPIDBeauty2CharmLine	2775	0.0002	0.107
StrippingDstarUPB02D0KKD2KPiPiPiBeauty2CharmLine	46509	0.0038	0.121
StrippingDstarUPB02D0PiPiD2KPiPiPiBeauty2CharmLine	30303	0.0025	0.113
StrippingDstarUPB02D0KPiD2KPiPiPiBeauty2CharmLine	45843	0.0037	0.128
StrippingDstarUPB02DDBeauty2CharmLine	81585	0.0066	0.126
StrippingDstarUPB2D0DBBeauty2CharmLine	79254	0.0064	0.116
StrippingDstarUPB2D0DD02K3PiBeauty2CharmLine	52613	0.0043	0.133
StrippingDstarUPB02DstDBeauty2CharmLine	6216	0.0005	0.108
StrippingDstarUPB02D0D0Beauty2CharmLine	15762	0.0013	0.109
StrippingDstarUPB2DstD0Beauty2CharmLine	2109	0.0002	0.105
StrippingDstarUPB02DstDstBeauty2CharmLine	0	0.0000	0.106
StrippingDstarUPB2DDKBeauty2CharmLine	104229	0.0085	0.137
StrippingDstarUPB02D0DKBeauty2CharmLine	68376	0.0055	0.118
StrippingDstarUPB2DstDKBeauty2CharmLine	34521	0.0028	0.123
StrippingDstarUPB2D0D0KBeauty2CharmLine	91242	0.0074	0.140
StrippingDstarUPB2DstD0KBeauty2CharmLine	4218	0.0003	0.106
StrippingDstarUPB2DstDstKBeauty2CharmLine	0	0.0000	0.105
StrippingDstarUPB2Dst2460DKBeauty2CharmLine	19647	0.0016	0.113
StrippingDstarUPB2D0st2460D0KBeauty2CharmLine	21201	0.0017	0.114
StrippingDstarUPB02D0D0KstBeauty2CharmLine	49395	0.0040	0.139
StrippingDstarUPB02DDKSDDBeauty2CharmLine	2664	0.0002	0.105
StrippingDstarUPB2D0DKSDDBeauty2CharmLine	7992	0.0006	0.106
StrippingDstarUPB02DstDKSDDBeauty2CharmLine	777	0.0001	0.106
StrippingDstarUPB02D0D0KSDDBeauty2CharmLine	3885	0.0003	0.108
StrippingDstarUPB2DstD0KSDDBeauty2CharmLine	221	0.0000	0.105
StrippingDstarUPB02DstDstKSDDBeauty2CharmLine	0	0.0000	0.106
StrippingDstarUPB02DDKSLLBeauty2CharmLine	8658	0.0007	0.110
StrippingDstarUPB2D0DKSLLBeauty2CharmLine	13320	0.0011	0.109
StrippingDstarUPB02DstDKSLLBeauty2CharmLine	2331	0.0002	0.107
StrippingDstarUPB02D0D0KSLLBeauty2CharmLine	9324	0.0008	0.113
StrippingDstarUPB2DstD0KSLLBeauty2CharmLine	777	0.0001	0.105
StrippingDstarUPB02DstDstKSLLBeauty2CharmLine	0	0.0000	0.105
StrippingBs2D0KS0Line	366633	0.0298	3.911

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Line name	N evnts	Rate, %	ms/evt
StrippingB2D0PiNoIPD2KPIPIDBeauty2CharmLine	1540014	0.1250	0.182
StrippingB02DPiNoIPD2HHHCFPIDBeauty2CharmLine	1871016	0.1519	0.245
StrippingB02DPiWSNoIPD2HHHCFPIDBeauty2CharmLine	155955	0.0127	0.094
StrippingB02DPiNoIPDs2HHHPIDBeauty2CharmLine	2486067	0.2018	0.652
StrippingB02DPiWSNoIPDs2HHHPIDBeauty2CharmLine	223332	0.0181	0.101
StrippingLb2LcPiNoIPLc2PKPiBeauty2CharmLine	811188	0.0658	0.182
StrippingLb2LcPiNoIPWSLc2PKPiBeauty2CharmLine	68820	0.0056	0.082
StrippingB2D0KD2HHBeauty2CharmLine	1251969	0.1016	0.219
StrippingB2D0PiD2HHBeauty2CharmLine	1085580	0.0881	0.204
StrippingB2D0KD2HHWSBeauty2CharmLine	75591	0.0061	0.189
StrippingB2D0PiD2HHWSBeauty2CharmLine	64935	0.0053	0.177
StrippingB02DKD2PhiMuNuBeauty2CharmLine	514485	0.0418	1.197
StrippingB02DPiD2PhiMuNuBeauty2CharmLine	474414	0.0385	0.162
StrippingB02DKD2HHHBeauty2CharmLine	2105337	0.1709	0.411
StrippingB02DPiD2HHHBeauty2CharmLine	1845042	0.1497	0.386
StrippingB02DKD2KSHLLBeauty2CharmLine	81141	0.0066	0.879
StrippingB02DPiD2KSHLLBeauty2CharmLine	70041	0.0057	0.233
StrippingB02DKD2KSHDDBeauty2CharmLine	36408	0.0030	0.885
StrippingB02DPiD2KSHDDBeauty2CharmLine	32856	0.0027	0.235
StrippingB02DKD2Pi0HHHResolvedBeauty2CharmLine	1983237	0.1610	12.730
StrippingB02DPiD2Pi0HHHResolvedBeauty2CharmLine	1235985	0.1003	0.553
StrippingB02DKD2Pi0HHHMergedBeauty2CharmLine	151959	0.0123	1.284
StrippingB02DPiD2Pi0HHHMergedBeauty2CharmLine	133200	0.0108	0.261
StrippingB02DKD2HHHUPBeauty2CharmLine	466866	0.0379	4.734
StrippingB02DPiD2HHHUPBeauty2CharmLine	421577	0.0342	0.349
StrippingB02DRhoPMD2HHHCFPIDBeauty2CharmLine	290376	0.0236	1.839
StrippingB02DKstarPMD2HHHCFPIDBeauty2CharmLine	326229	0.0265	1.901
StrippingB02D0PiPiD2HHFULLDSTBeauty2CharmLine	344766	0.0280	0.339
StrippingB02D0KPiD2HHFULLDSTBeauty2CharmLine	408702	0.0332	0.338
StrippingB02DKPiPiD2HHHFULLDSTBeauty2CharmLine	513707	0.0417	2.784
StrippingB02DPiPiPiD2HHHFULLDSTBeauty2CharmLine	550005	0.0446	0.776
StrippingB02DDFULLDSTBeauty2CharmLine	347985	0.0282	1.249
StrippingB02D0D0FULLDSTBeauty2CharmLine	297591	0.0242	0.349
StrippingDoubleTopoLine	1268064	0.1029	0.954
StrippingPseudoDoubleTopoLine	3427236	0.2782	8.553
StrippingD02HHTopoTOSLine	1252635	0.1017	0.160

Line name	N evnts	Rate, %	ms/evt
StrippingDstarD02KpipoRS	862581	0.0700	0.931
StrippingDstarD02KpipoWS	75591	0.0061	0.149

## Charm

Line name	N evnts	Rate, %	ms/evt
StrippingCcbar2PpbarExclusiveLine	526282	0.0427	0.074
StrippingCcbar2PhiPhiLine	702737	0.0570	1.795
StrippingCcbar2PhiPhiDetachedLine	740690	0.0601	2.528
StrippingCcbar2PhiKKDetachedLine	886451	0.0719	0.668
StrippingCcbar2PhiBs2JpsiPhiLine	97357	0.0079	0.631
StrippingCcbar2PhiB2JpsiKLine	618250	0.0502	0.446
StrippingCcbar2PhiPiPiDetachedLine	1338368	0.1086	1.009
StrippingCcbar2PhiBs2TriPhiLine	611649	0.0496	0.162
StrippingCcbar2PpbarLine	3523145	0.2859	0.353
StrippingCcbar2PpbarDetachedLine	1744631	0.1416	1.177

Line name	N evnts	Rate, %	ms/evt
StrippingBetac2PhiPBetac2PhiPLine	2886744	0.2343	1.591

## Dimuon

Line name	N evnts	Rate, %	ms/evt
StrippingXibcXibc2LcJpsi	1456298	0.1182	0.494
StrippingXibcXibc2XicJpsi	294053	0.0239	0.375
StrippingXibcX2JpsiProton	1639353	0.1331	0.066
StrippingBc2JpsiMuLine	715498	0.0581	0.488
StrippingHeavyBaryonXib2JpsiXi	17711	0.0014	0.417
StrippingHeavyBaryonXibzero2JpsiXistar	45983	0.0037	0.053
StrippingHeavyBaryonOmegab2JpsiOmega	16281	0.0013	0.175
StrippingBc2JpsiHDetachedLine	297134	0.0241	1.459
StrippingFullDSTDiMuonDiMuonNoPVLLine	55774	0.0045	0.160
StrippingFullDSTDiMuonDiMuonHighMassLine	1195907	0.0971	0.065
StrippingFullDSTDiMuonDiMuonHighMassSameSignLine	85366	0.0069	0.137
StrippingFullDSTDiMuonJpsi2MuMuTOSLine	7983787	0.6480	0.115
StrippingFullDSTDiMuonPsi2MuMuTOSLine	241909	0.0196	0.072
StrippingFullDSTDiMuonJpsi2MuMuDetachedLine	3656366	0.2968	0.049
StrippingFullDSTDiMuonPsi2MuMuDetachedLine	593938	0.0482	0.064
StrippingChiCJpsiGammaConvChicLine	1321757	0.1073	0.238
StrippingChiCJpsiGammaConvChicSymLine	1049925	0.0852	0.060
StrippingChiCJpsiGammaConvChibLine	64025	0.0052	0.075
StrippingChiCJpsiGammaConvChibSymLine	48953	0.0040	0.047

## Leptonic

Line name	N evnts	Rate, %	ms/evt
StrippingDiMuonAndGammaForCharmAssociative	584037	0.0474	0.823
StrippingDoubleDiMuonForCharmAssociative	386241	0.0313	0.055
StrippingChiAndDiMuonForCharmAssociative	384591	0.0312	0.057
StrippingDiChiForCharmAssociative	374470	0.0304	0.053
StrippingDiMuonAndWForCharmAssociative	60284	0.0049	0.093
StrippingChiAndWForCharmAssociative	34762	0.0028	0.052

StrippingBuToKX3872_BuToKX3872LooseLine	291743	0.0237	0.355
StrippingBuToKX3872_BuToKPsi2SLooseLine	140041	0.0114	0.070
StrippingBuToKX3872_BuToKX3872Line	84156	0.0068	0.122
StrippingBuToKX3872_BuToKPsi2SLine	56544	0.0046	0.065
StrippingBc2JpsiHLine	291413	0.0237	0.091
StrippingMicroDSTDiMuonDiMuonIncLine	109921691	8.9215	0.075
StrippingMicroDSTDiMuonDiMuonSameSignLine	1378741	0.1119	0.067
StrippingMicroDSTDiMuonJpsi2MuMuLine	13236714	1.0743	0.053
StrippingMicroDSTDiMuonPsi2MuMuLine	3612803	0.2932	0.068

## Semileptonic

Line name	N evnts	Rate, %	ms/evt
Strippingbb2D0MuXBB2DMuNuXLine	1100	0.0001	5.038

# Calib

## Calibration

Line name	N evnts	Rate, %	ms/evt
StrippingTrackEffDownMuonNominalLine	1103169	0.0895	9.634
StrippingTrackEffDownMuonValidationLine	522762	0.0424	0.050
StrippingD02KPiPi0_R	2138023	0.1735	4.084
StrippingD02KPiPi0_M	1234190	0.1002	0.948
StrippingDstarD02KShh_ForTrackingEffPiPiLine	1873782	0.1521	3.451
StrippingDstarD02KShh_ForTrackingEffKKLine	921214	0.0748	2.223
StrippingDstarD02KShh_ForTrackingEffKPlusPiMinusLi	1400963	0.1137	0.297
StrippingDstarD02KShh_ForTrackingEffKMinusPiPlusLi	1395353	0.1133	0.284
StrippingTriggerValidationD02KPiPiLine	0	0.0000	0.000
StrippingTriggerValidationD2KPiPiLine	0	0.0000	0.000
StrippingTriggerValidationJpsi2MMLine	550	0.0000	0.086
StrippingTriggerValidationPhi2KKLine	6930	0.0006	0.070
StrippingTrackEffVeloMuonLine1	126400	0.0103	0.932
StrippingTrackEffVeloMuonLine2	119359	0.0097	0.882
StrippingBeamGasLine	372820	0.0303	0.033
StrippingTrackEffMuonTT_JpsiLine1	283383	0.0230	2.910
StrippingTrackEffMuonTT_JpsiLine2	276452	0.0224	2.722
StrippingTrackEffMuonTT_UpsilonLine1	5280	0.0004	0.370
StrippingTrackEffMuonTT_UpsilonLine2	6710	0.0005	0.198
StrippingTrackEffMuonTT_ZLine1	3300	0.0003	0.460
StrippingTrackEffMuonTT_ZLine2	3300	0.0003	0.505
StrippingTrackEffMuonTT_BJpsiKLine1	7260	0.0006	1.272
StrippingTrackEffMuonTT_BJpsiKLine2	7040	0.0006	0.273

## Leptonic

Line name	N evnts	Rate, %	ms/evt
StrippingMicroDSTDiElectronIncDiElectronLine	2246712	0.1823	0.067
StrippingMicroDSTDiElectronBiasedIncDiElectronLine	3684969	0.2991	0.059

Line name	N evnts	Rate, %	ms/evt
StrippingMBNoBias	0	0.0000	1.293
StrippingHlt1L0AnyRateLimited	1165984	0.0946	0.063
StrippingHlt1L0AnyPrescaled	6298121	0.5112	0.034

## PID

Line name	N evnts	Rate, %	ms/evt
StrippingJpsi2eeForElectronIDJpsiLine	820886	0.0666	4.410
StrippingJpsi2eeForElectronIDBu2JpsiKLine	538053	0.0437	4.464
StrippingK0SLLLineV0ForPID	3748554	0.3042	0.167
StrippingK0SDDLLineV0ForPID	3798938	0.3083	0.379
StrippingLam0LLLLine1V0ForPID	6449713	0.5235	1.600
StrippingLam0LLLLine2V0ForPID	3553618	0.2884	7.141



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StrippingLam0DDLineV0ForPID	4339082	0.3522	2.418
StrippingLam0LLIsMUONLine1V0ForPID	1185236	0.0962	0.051
StrippingLam0LLIsMUONLine2V0ForPID	84266	0.0068	0.048
StrippingLam0DDIsMUONLineV0ForPID	1107459	0.0899	14.629
StrippingMuIDCalib_JpsiFromBNoPID	1881482	0.1527	3.260
StrippingMuIDCalib_JpsiFromBNoPIDNoMip	8476187	0.6879	0.427
StrippingMuIDCalib_JpsiKFromBNoPIDNoMip	896902	0.0728	0.684
StrippingMuIDCalib_FromLambdacDecay	1736820	0.1410	7.141
StrippingNoPIDDstarWithD02RSKPiLine	6395149	0.5190	1.648

## Radiative

Line name	N evnts	Rate, %	ms/evt
StrippingFullDSTDiElectronIncDiElectronLine	241139	0.0196	8.689
StrippingFullDSTDiElectronDiElectronLowMassLine	119689	0.0097	0.047
StrippingFullDSTDiElectronBiasedIncDiElectronLine	534863	0.0434	0.075
StrippingFullDSTDiElectronBiasedIncDiElectronLowMa	97687	0.0079	0.039
StrippingFullDSTDiElectronJpsi2eeLine	121229	0.0098	0.226

# Charm

## Charm

Line name	N evnts	Rate, %	ms/evt
StrippingDstarPromptWithD02HHHHNoPIDLine	313965	0.0255	0.768
StrippingDstarD2hhpi0PromptDst2D2RSPi0RSSLine	541463	0.0439	5.360
StrippingDstarD2hhpi0PromptDst2D2RSPi0MSSLLine	255440	0.0207	0.730
StrippingDstarD2hhpi0PromptDst2D2KKPi0RSSLine	202416	0.0164	0.832
StrippingDstarD2hhpi0PromptDst2D2KKPi0MSSLLine	88227	0.0072	0.477
StrippingDstarD2hhpi0PromptDst2D2PiPiPi0RSSLine	422874	0.0343	0.865
StrippingDstarD2hhpi0PromptDst2D2PiPiPi0MSSLLine	171723	0.0139	0.477
StrippingDstarD2hhpi0PromptDst2D2RSPi0RLine	240589	0.0195	1.324
StrippingDstarD2hhpi0PromptDst2D2RSPi0MLine	104068	0.0084	0.752
StrippingDstarD2hhpi0PromptDst2D2WSPi0RLine	201426	0.0163	0.762
StrippingDstarD2hhpi0PromptDst2D2WSPi0MLine	87677	0.0071	0.728
StrippingDstarD2hhpi0PromptDst2D2KKPi0RLine	141251	0.0115	0.716
StrippingDstarD2hhpi0PromptDst2D2KKPi0MLine	54674	0.0044	0.543
StrippingDstarD2hhpi0PromptDst2D2PiPiPi0RLine	259731	0.0211	0.881
StrippingDstarD2hhpi0PromptDst2D2PiPiPi0MLine	108688	0.0088	0.540
StrippingD2hhh_KKPLine	6992277	0.5675	8.181
StrippingD2hhh_KPPLine	18294814	1.4848	5.886
StrippingD2hhh_PPPLine	5882617	0.4774	1.035
StrippingD2hhh_KPPosLine	5774698	0.4687	1.610
StrippingD2hhh_KKKLine	388771	0.0316	0.741
StrippingD2hhh_KKPosLine	661703	0.0537	1.168
StrippingD2hhh_HHHIncLine	4601453	0.3735	1.344
StrippingXiccControlLc	1733740	0.1407	0.103
StrippingXiccControlXicZero	939256	0.0762	0.238
StrippingXiccControlXicPlus	286353	0.0232	0.226
StrippingXiccControlDp	226838	0.0184	0.058
StrippingXiccControlD0	395922	0.0321	0.058
StrippingXiccXiccPlusToLcKPi	768962	0.0624	1.209
StrippingXiccXiccPlusPlusToLcKPiPi	254120	0.0206	0.352
StrippingXiccXiccPlusToLcKPiWC	904933	0.0734	0.349
StrippingXiccXiccPlusPlusToLcKPiPiWC	550594	0.0447	0.560
StrippingXiccXiccPlusToLcKPiDCS	872370	0.0708	0.351
StrippingXiccXiccPlusPlusToLcKPiPiDCS	493060	0.0400	0.569
StrippingXiccXiccPlusToDpPK	971158	0.0788	0.817
StrippingXiccXiccPlusPlusToDpPKPi	238609	0.0194	0.916
StrippingXiccXiccPlusToDpPKWC	681065	0.0553	0.417
StrippingXiccXiccPlusPlusToDpPKPiWC	149172	0.0121	0.907
StrippingXiccXiccPlusPlusToDpPKPiWC0	309125	0.0251	0.816
StrippingXiccXiccPlusToXicZeroPi	38393	0.0031	1.480
StrippingXiccXiccPlusPlusToXicZeroPiPi	22221	0.0018	0.122
StrippingXiccXiccPlusToXicPlusPiPi	72385	0.0059	0.366
StrippingXiccXiccPlusPlusToXicPlusPi	48293	0.0039	0.107
StrippingXiccXiccPlusToXicZeroPiWC	51594	0.0042	0.111
StrippingXiccXiccPlusPlusToXicZeroPiPiWC	51814	0.0042	0.136

StrippingStatisticsStripping20r1Test1 < LHCb < TWiki

StrippingXiccXiccPlusToXicPlusPiPiWC	72385	0.0059	0.121
StrippingXiccXiccPlusPlusToXicPlusPiPiWC	85256	0.0069	0.104
StrippingXiccXiccPlusToD0PKPi	335307	0.0272	2.305
StrippingXiccXiccPlusPlusToD0PKPiPi	8360	0.0007	3.384
StrippingXiccXiccPlusToD0PKPiWC	332226	0.0270	1.309
StrippingXiccXiccPlusPlusToD0PKPiPiWC	18481	0.0015	4.385
StrippingXiccXiccPlusToD0PKPiDCS	317155	0.0257	1.355
StrippingXiccXiccPlusPlusToD0PKPiPiDCS	17161	0.0014	4.546
StrippingDstarPromptWithD02HHMuMuControlLine	354338	0.0288	1.766
StrippingPromptD2hhPromptDst2D2RSSSLine	388991	0.0316	0.920
StrippingPromptD2hhPromptDst2D2KKSSLine	262261	0.0213	0.519
StrippingPromptD2hhPromptDst2D2PiPiSSLLine	147852	0.0120	0.503
StrippingPromptD2hhPromptD2KPiTISLine	88777	0.0072	0.113
StrippingPromptD2hhPromptD2KKTISLine	61825	0.0050	0.094
StrippingPromptD2hhPromptD2PiPiTISLine	26842	0.0022	0.091
StrippingD2XMuMu_KSSLine	244329	0.0198	1.014
StrippingD2XMuMu_KOSLine	389321	0.0316	0.667
StrippingD2XMuMu_PiSSLLine	292073	0.0237	0.876
StrippingD2XMuMu_PiOSLine	624960	0.0507	1.046
StrippingD2XMuMu_PiCalLine	421444	0.0342	1.983
StrippingD2XMuMu_K2PiLine	281732	0.0229	0.333
StrippingD2XMuMu_2KPiLine	545644	0.0443	0.672
StrippingD2XMuMu_KKLine	37953	0.0031	0.764
StrippingD2XMuMu_PiPiLine	276892	0.0225	1.313
StrippingD2XMuMu_KPiLine	119689	0.0097	0.543
StrippingD2XMuMu_KKPiPiLine	167543	0.0136	0.674
StrippingD2XMuMu_K3PiLine	83386	0.0068	0.366
StrippingD2XMuMu_PiPiPiPiLine	203626	0.0165	0.747
StrippingD2XMuMu_Lambdac2PMuMuLine	246309	0.0200	0.849
StrippingD2XMuMu_Lambdac2PPiPiLine	599548	0.0487	0.706
StrippingLambdac2PHHLambdac2PKPiLine	2020313	0.1640	5.209
StrippingLambdac2PHHLambdac2PKKLine	590527	0.0479	0.861
StrippingLambdac2PHHLambdac2PPiPiLine	2256613	0.1832	0.665
StrippingLambdac2PHHLambdac2PPiKWSLine	995690	0.0808	0.864
StrippingD02HHForPromptCharm	26538663	2.1539	0.103
StrippingDstarForPromptCharm	8105347	0.6578	0.095
StrippingDsForPromptCharm	2110191	0.1713	0.085
StrippingDForPromptCharm	12658947	1.0274	0.238
StrippingLambdaCForPromptCharm	1187766	0.0964	0.237
StrippingSigmaCForPromptCharm	1089858	0.0885	0.086
StrippingLambdaCstarForPromptCharm	768852	0.0624	0.089
StrippingDiMuonAndCharmForPromptCharm	140481	0.0114	0.228
StrippingChiAndCharmForPromptCharm	89437	0.0073	0.107
StrippingDsPsiForPromptCharm	30362	0.0025	0.086
StrippingCharmAndWForPromptCharm	5830	0.0005	0.166
StrippingDiMuonAndWForPromptCharm	66005	0.0054	0.088
StrippingChiAndWForPromptCharm	36852	0.0030	0.086
StrippingD2KS0HPionLine	762141	0.0619	0.257
StrippingD2KS0HkaonLine	947726	0.0769	0.171
StrippingD2KS0HPionLineDD	4907608	0.3983	0.390

StrippingStatisticsStripping20r1Test1 < LHCb < TWiki

StrippingD2KS0HKAonLineDD	8096657	0.6571	0.218
StrippingDstarPromptWithD02HHHHLLine	4094092	0.3323	5.240
StrippingD2KS0HHHPiPiPiLine	167763	0.0136	0.419
StrippingD2KS0HHHKPiPiLine	53244	0.0043	0.438
StrippingD2KS0HHHKKPiLine	3850	0.0003	0.387
StrippingD2KS0HHHKPiPiOSLine	34322	0.0028	0.270
StrippingD2KS0HHHPiPiPiLineDD	247080	0.0201	0.799
StrippingD2KS0HHHKPiPiLineDD	97467	0.0079	1.010
StrippingD2KS0HHHKKPiLineDD	10560	0.0009	0.943
StrippingD2KS0HHHKPiPiOSLineDD	64245	0.0052	0.556
StrippingXiccTISXiccPlusToLcKPi	1601950	0.1300	0.211
StrippingXiccTISXiccPlusPlusToLcKPiPi	727709	0.0591	0.197
StrippingXiccTISXiccPlusToDpPK	1498651	0.1216	0.144
StrippingXiccTISXiccPlusPlusToDpPKPi	632881	0.0514	0.199
StrippingXiccTISXiccPlusToXicZeroPi	146751	0.0119	0.275
StrippingXiccTISXiccPlusPlusToXicZeroPiPi	101538	0.0082	0.259
StrippingXiccTISXiccPlusToXicPlusPiPi	63255	0.0051	0.249
StrippingXiccTISXiccPlusPlusToXicPlusPi	63585	0.0052	0.232
StrippingXiccTISXiccPlusToD0PKPi	483819	0.0393	0.266
StrippingXiccTISXiccPlusPlusToD0PKPiPi	6930	0.0006	0.470
StrippingD02KSKSLLLine	299334	0.0243	0.218
StrippingD02KSKSLDLine	360059	0.0292	0.163
StrippingD02KSKSDDLLine	345758	0.0281	0.466
StrippingDstD02KSKSLL_LLLine	108028	0.0088	0.123
StrippingDstD02KSKSLD_LLLine	141031	0.0114	0.107
StrippingDstD02KSKSDD_LLLine	95597	0.0078	0.192
StrippingDstD02KSKSLL_ULine	22331	0.0018	0.091
StrippingDstD02KSKSLD_ULine	36963	0.0030	0.091
StrippingDstD02KSKSDD_ULine	23211	0.0019	0.090
StrippingX2D0D0Line	2043415	0.1658	1.684
Strippingb2D0MuXKsKs_DDDDCharmFromBSemiLine	1320	0.0001	0.268
Strippingb2D0MuXKsKs_LLLLCharmFromBSemiLine	5500	0.0004	0.139
Strippingb2D0MuXKsKs_DDLLCharmFromBSemiLine	13861	0.0011	0.109
Strippingb2DstarMuXKsKs_DDDDCharmFromBSemiLine	0	0.0000	0.107
Strippingb2DstarMuXKsKs_LLLLCharmFromBSemiLine	1650	0.0001	0.107
Strippingb2DstarMuXKsKs_DDLLCharmFromBSemiLine	2090	0.0002	0.106
Strippingb2D0MuX4PiCharmFromBSemiLine	109898	0.0089	0.350
Strippingb2DstarMuX4PiCharmFromBSemiLine	25522	0.0021	0.112
Strippingb2DstarMuXKsPiPiLLCharmFromBSemiLine	12431	0.0010	0.158
Strippingb2DstarMuXKsPiPiDDCharmFromBSemiLine	30582	0.0025	0.170
Strippingb2DstarMuXKsKPiLLCharmFromBSemiLine	11000	0.0009	0.154
Strippingb2DstarMuXKsKPiDDCharmFromBSemiLine	27942	0.0023	0.167
Strippingb2DstarMuXKsKKLLCharmFromBSemiLine	2970	0.0002	0.121
Strippingb2DstarMuXKsKKDDCharmFromBSemiLine	7370	0.0006	0.125
Strippingb2D0MuXKsPiPiLLCharmFromBSemiLine	48953	0.0040	0.108
Strippingb2D0MuXKsPiPiDDCharmFromBSemiLine	174474	0.0142	0.107
Strippingb2D0MuXKsKKLLCharmFromBSemiLine	13751	0.0011	0.107
Strippingb2D0MuXKsKKDDCharmFromBSemiLine	39273	0.0032	0.106
Strippingb2D0MuXKsKPiLLCharmFromBSemiLine	41583	0.0034	0.106
Strippingb2D0MuXKsKPiDDCharmFromBSemiLine	151152	0.0123	0.107

StrippingStatisticsStripping20r1Test1 < LHCb < TWiki

Strippingb2D0MuXKPiPi0ResolvedCharmFromBSemiLine	582607	0.0473	1.764
Strippingb2D0MuXKKPi0ResolvedCharmFromBSemiLine	113089	0.0092	0.143
Strippingb2D0MuXPiPiPi0ResolvedCharmFromBSemiLine	490199	0.0398	0.405
Strippingb2D0MuXKKPi0SSResolvedCharmFromBSemiLine	67985	0.0055	0.134
Strippingb2D0MuXPiPiPi0SSResolvedCharmFromBSemiLin	353018	0.0287	0.157
Strippingb2D0MuXKPiPi0MergedCharmFromBSemiLine	204506	0.0166	0.178
Strippingb2D0MuXKKPi0MergedCharmFromBSemiLine	29922	0.0024	0.117
Strippingb2D0MuXPiPiPi0MergedCharmFromBSemiLine	142461	0.0116	0.138
Strippingb2DstarMuXKPiPi0ResolvedCharmFromBSemiLin	207806	0.0169	0.284
Strippingb2DstarMuXKPiPi0ResolvedUpCharmFromBSemiL	240479	0.0195	0.162
Strippingb2DstarMuXKKPi0ResolvedCharmFromBSemiLine	41033	0.0033	0.164
Strippingb2DstarMuXPiPiPi0ResolvedCharmFromBSemiLi	165673	0.0134	0.301
Strippingb2DstarMuXKKPi0SSResolvedCharmFromBSemiLi	27722	0.0023	0.158
Strippingb2DstarMuXPiPiPi0SSResolvedCharmFromBSemi	115949	0.0094	0.229
Strippingb2DstarMuXKPiPi0MergedCharmFromBSemiLine	47633	0.0039	0.113
Strippingb2DstarMuXKPiPi0MergedUpCharmFromBSemiLin	49724	0.0040	0.117
Strippingb2DstarMuXKKPi0MergedCharmFromBSemiLine	6710	0.0005	0.109
Strippingb2DstarMuXPiPiPi0MergedCharmFromBSemiLine	25742	0.0021	0.112
Strippingb2DsMuXKKPiDCSCharmFromBSemiLine	278652	0.0226	0.191
Strippingb2DsMuXKsLLKCharmFromBSemiLine	86907	0.0071	0.124
Strippingb2DsMuXKsDDKCharmFromBSemiLine	102088	0.0083	0.125
Strippingb2DsMuXKsLLPiCharmFromBSemiLine	129920	0.0105	0.127
Strippingb2DsMuXKsDDPiCharmFromBSemiLine	177884	0.0144	0.131
Strippingb2DpMuXKsKKPiLLCharmFromBSemiLine	4290	0.0003	0.125
Strippingb2DpMuXKsKKPiDDCharmFromBSemiLine	1980	0.0002	0.129
Strippingb2DsMuXPiMuMuCharmFromBSemiLine	4510	0.0004	0.181
Strippingb2DsMuXKMumuCharmFromBSemiLine	1650	0.0001	0.167
Strippingb2MuXLc2L0LLPiCharmFromBSemiLine	29702	0.0024	0.298
Strippingb2MuXLc2L0DDPiCharmFromBSemiLine	30912	0.0025	0.152
Strippingb2MuXLc2L0LLKCharmFromBSemiLine	14081	0.0011	0.111
Strippingb2MuXLc2L0DDKCharmFromBSemiLine	15511	0.0013	0.116
Strippingb2LcMuXCharmFromBSemiLine	590857	0.0480	0.387
Strippingb2LcDCSMuXCharmFromBSemiLine	331676	0.0269	0.188
Strippingb2Lc2pPiPiMuXCharmFromBSemiLine	598118	0.0485	0.204
Strippingb2Lc2pKKMuXCharmFromBSemiLine	163803	0.0133	0.166
StrippingDstarPromptWithD02HHMuMuLine	533873	0.0433	4.726
StrippingCharmForVubPrescaledVMuNuLine	220017	0.0179	0.464
StrippingCharmForVubPrescaledHMuNuLine	3763295	0.3054	0.159
StrippingCharmedAndCharmedStrangeSpectroscopy_Dsta	3040206	0.2467	3.357
StrippingCharmedAndCharmedStrangeSpectroscopy_DzP	1770373	0.1437	0.297
StrippingCharmedAndCharmedStrangeSpectroscopy_DzPW	1619331	0.1314	0.120
StrippingCharmedAndCharmedStrangeSpectroscopy_DpPm	1095248	0.0889	2.130
StrippingCharmedAndCharmedStrangeSpectroscopy_DpPp	1132981	0.0920	0.120

Line name	N evnts	Rate, %	ms/evt
StrippingLambdac2PHHPrescFullLambdac2PKPiLine	200326	0.0163	0.649
StrippingLambdac2PHHPrescFullLambdac2PKKLine	59734	0.0048	0.536
StrippingLambdac2PHHPrescFullLambdac2PPiPiLine	232888	0.0189	0.478
StrippingLambdac2PHHPrescFullLambdac2PPiKWSLine	98678	0.0080	0.514

StrippingStatisticsStripping20r1Test1 < LHCb < TWiki

StrippingD2HHHForXSecD2KPPLine	80416	0.0065	0.131
StrippingD2HHHForXSecD2KKPLine	70295	0.0057	0.125
StrippingD2HHHForXSecD2KKKLine	319575	0.0259	0.715
StrippingD2HHHForXSecD2PPPLine	1052565	0.0854	0.186
StrippingD2HHHForXSecD2KPPDCSLine	1117910	0.0907	0.238
StrippingChargedHyperonsXiminius2LambdaPi	614509	0.0499	8.862
StrippingChargedHyperonsOmegaminus2LambdaK	73375	0.0060	3.756
StrippingDstarD02xxDst2PiD02pipiBox	44883	0.0036	0.086
StrippingDstarD02xxDst2PiD02mumuBox	45543	0.0037	0.069
StrippingDstarD02xxDst2PiD02KpiBox	109788	0.0089	0.068
StrippingDstarD02xxDst2PiD02emuBox	85146	0.0069	7.667
StrippingDstarD02xxDst2PiD02KmuBox	55554	0.0045	0.087
StrippingDstarD02xxDst2PiD02mumu_untagged_Box	355438	0.0288	0.072
StrippingDstarD02xxDst2PiD02Kmu_untagged_Box	52584	0.0043	0.059
StrippingDstarD02xxDst2PiD02pipi_untagged_Box	48403	0.0039	0.055
StrippingDstarD02xxDst2PiD02Kpi_untagged_Box	95157	0.0077	0.055
StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxMB	77666	0.0063	0.112
StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxMBTrEf	6710	0.0005	0.071
StrippingD02HHForXSecD02HHLLine	72935	0.0059	0.054
StrippingD02HHForXSecDstar2D0Pi_D02HHLLine	29812	0.0024	0.054
StrippingD2XGammaStripping_Dst2D0Pi	167213	0.0136	4.105
StrippingLambdac2PKPiForXSecLambdac2PKPiLine	660	0.0001	0.099
StrippingLambdac2PKPiForXSecLambdac2PKKLine	440	0.0000	0.072
StrippingLambdac2PKPiForXSecLambdac2PPiPiLine	990	0.0001	0.071
StrippingLambdac2PKPiForXSecLambdac2PPiKWSLine	440	0.0000	0.072
StrippingDiCharmForPromptCharm	68425	0.0056	3.368
StrippingD02KPiGeoForXSecD02HHLLine	24091	0.0020	0.070
StrippingD02KPiGeoForXSecDstar2D0Pi_D02HHLLine	8800	0.0007	0.063
StrippingKshort2MuMuPiPi_PiPiLine	0	0.0000	0.618
StrippingD2PhiPiForXSecD2PhiPiLine	13201	0.0011	0.088
StrippingD2hhCompleteEventPromptD2KPiTISLine	169743	0.0138	0.144
StrippingD2hhCompleteEventPromptD2KKTISLine	118149	0.0096	0.110
StrippingD2hhCompleteEventPromptD2PiPiTISLine	52034	0.0042	0.106
StrippingD2hhCompleteEventPromptD2KPiLine	26402	0.0021	0.057
StrippingD2hhCompleteEventPromptD2KKLine	54014	0.0044	0.061
StrippingD2hhCompleteEventPromptD2PiPiLine	24752	0.0020	0.061
StrippingD2hhCompleteEventPromptDst2D2RSLLine	186135	0.0151	0.083
StrippingD2hhCompleteEventPromptDst2D2WSLine	58854	0.0048	0.081
StrippingD2hhCompleteEventPromptDst2D2KKLine	39053	0.0032	0.071
StrippingD2hhCompleteEventPromptDst2D2PiPiLine	14741	0.0012	0.071
StrippingD2hhCompleteEventPromptD0D0FromDstarParti	95707	0.0078	0.913
StrippingD02K3PiForD02K3PiForXSecLine	268641	0.0218	0.215
StrippingDstar2D0pi_D02K3PiForD02K3PiForXSecLine	73926	0.0060	0.211
StrippingD2hhhControl_KKPLine	245209	0.0199	0.312
StrippingD2hhhControl_KPPLine	566876	0.0460	0.235
StrippingD2hhhControl_PPPLine	0	0.0000	0.000
StrippingD2hhhControl_KPPosLine	0	0.0000	0.000
StrippingD2hhhControl_KKKLine	0	0.0000	0.000
StrippingD2hhhControl_KKPosLine	0	0.0000	0.000
StrippingD2hhhControl_HHHIncLine	0	0.0000	0.000

StrippingStatisticsStripping20r1Test1 < LHCb < TWiki

StrippingD2hhWSCompleteEventPromptD2KPiLine	0	0.0000	0.000
StrippingD2hhWSCompleteEventPromptD2KKLine	0	0.0000	0.000
StrippingD2hhWSCompleteEventPromptD2PiPiLine	0	0.0000	0.000
StrippingD2hhWSCompleteEventPromptDst2D2RSLine	117599	0.0095	0.080
StrippingD2hhWSCompleteEventPromptDst2D2WSLine	997010	0.0809	0.811
StrippingD2hhWSCompleteEventPromptDst2D2KKLine	0	0.0000	0.000
StrippingD2hhWSCompleteEventPromptDst2D2PiPiLine	0	0.0000	0.000
StrippingD2hhWSCompleteEventPromptD0D0FromDstarPar	21891	0.0018	0.086
StrippingDstarD2KShhCompleteEventKKLLLine	95487	0.0077	0.234
StrippingDstarD2KShhCompleteEventKPLLLine	5280	0.0004	0.064
StrippingDstarD2KShhCompleteEventPPLLLine	246640	0.0200	0.187
StrippingDstarD2KShhCompleteEventKKDDLine	226178	0.0184	0.270
StrippingDstarD2KShhCompleteEventKPDDLLine	19911	0.0016	0.065
StrippingDstarD2KShhCompleteEventPPDDLLine	625290	0.0508	0.204
StrippingD2HHLTUnbiasedD02HHLLine	99338	0.0081	0.088
StrippingD2HHLTUnbiasedDstar2D0Pi_D02HHLLine	19801	0.0016	0.082
StrippingDstar2D0Pi_D02KPiForXSecD02HHLLine	85256	0.0069	0.062
StrippingDstar2D0Pi_D02KPiForXSecDstar2D0Pi_D02HHL	26292	0.0021	0.062

Line name	N evnts	Rate, %	ms/evt
StrippingDstarD2KShhKKLLLine	113199	0.0092	6.970
StrippingDstarD2KShhKPLLLine	325626	0.0264	0.213
StrippingDstarD2KShhPPLLLine	262371	0.0213	0.128
StrippingDstarD2KShhKKDDLine	262591	0.0213	2.916
StrippingDstarD2KShhKPDDLLine	816486	0.0663	0.262
StrippingDstarD2KShhPPDDLLine	661483	0.0537	0.154
StrippingD2hhPromptD2KPiLine	2821178	0.2290	0.548
StrippingD2hhPromptD2KKLine	5166349	0.4193	2.454
StrippingD2hhPromptD2PiPiLine	2313817	0.1878	2.353
StrippingD2hhPromptDst2D2RSLine	6410000	0.5202	0.787
StrippingD2hhPromptDst2D2WSLine	1961019	0.1592	0.060
StrippingD2hhPromptDst2D2KKLine	1349149	0.1095	0.054
StrippingD2hhPromptDst2D2PiPiLine	548504	0.0445	0.050
StrippingD2hhPromptD0D0FromDstarPartialLine	95707	0.0078	0.091

## Dimuon

Line name	N evnts	Rate, %	ms/evt
StrippingJpsiMuMuforD0MuMuLine	264571	0.0215	0.235

# Charmless

## Bhadron

Line name	N evnts	Rate, %	ms/evt
StrippingLb2V0hhDDLLine	471388	0.0383	9.268
StrippingLb2V0hhLLLLine	230908	0.0187	4.807
StrippingB2PPbarB2PPbarLine	40703	0.0033	0.267
StrippingB2hhLTUnbiasedDetachedLooseLine	140041	0.0114	0.061
StrippingB2hhLTUnbiasedDetachedNeuroBayesLine	155552	0.0126	2.558
StrippingBs2Q2Body4KLine	393501	0.0319	3.667
StrippingB2hhh_KKK_inclLine	1001521	0.0813	8.093
StrippingB2hhh_pph_inclLine	756091	0.0614	7.708
StrippingB2KPhiPhiNominalLine	108908	0.0088	1.069
StrippingB2KShhDDSameSignLine	331016	0.0269	1.759
StrippingB2KShhLLSameSignLine	156872	0.0127	0.280
StrippingBu2KSPiDDLLine	410113	0.0333	2.070
StrippingBu2KSPiLLLLine	132450	0.0107	0.937
StrippingBsPhiRhoLine	552244	0.0448	4.999
StrippingBs2KSKSDDLLine	483159	0.0392	0.265
StrippingBs2KSKSLDLine	284813	0.0231	0.178
StrippingBs2KSKSLLLLine	282502	0.0229	0.087
StrippingBetaSBs2KstKstSameChargeLine	161163	0.0131	3.184
StrippingB2XEtaB2etaKSLLLLine	3707190	0.3009	2.125
StrippingB2XEtaB2etaKSDDLLine	1280503	0.1039	0.888
StrippingB2XEtaLb2etaLLLLine	1518123	0.1232	0.570
StrippingB2XEtaLb2etaLDDLLine	515721	0.0419	0.275
StrippingB2XEtaB2etapKSLLLLine	160173	0.0130	2.625
StrippingB2XEtaB2etapKSDDLLine	136851	0.0111	0.841
StrippingB2XEtaLb2etapLLLLine	52694	0.0043	0.941
StrippingB2XEtaLb2etapLDDLLine	31242	0.0025	0.211
StrippingB2hhLTUnbiasedLooseLine	1052125	0.0854	0.057
StrippingB2hhLTUnbiasedNeuroBayesLine	1249371	0.1014	0.119

Line name	N evnts	Rate, %	ms/evt
StrippingBetaSBs2Q2Body4piLine	284703	0.0231	1.068
StrippingBetaSBs2K0stK0stNominalLine	410553	0.0333	1.198
StrippingB2KShhDDLLine	875231	0.0710	0.485
StrippingB2KShhLLLLine	363359	0.0295	0.237
StrippingBetaSQ2B3piSelectionLine	333657	0.0271	1.317
StrippingBetaSQ2B4piSelectionLine	485359	0.0394	0.122
StrippingB2HHPi0_R	430354	0.0349	7.346
StrippingB2HHPi0_M	271942	0.0221	0.320
StrippingBetaSBs2PhiKstNominalLine	207806	0.0169	4.324
StrippingHb2Charged2BodyB2Charged2BodyLine	262261	0.0213	0.376
StrippingHb2Charged2BodyB2KPlusPiMinusLine	262261	0.0213	0.366
StrippingHb2Charged2BodyB2PiPlusKMinusLine	262261	0.0213	0.064
StrippingHb2Charged2BodyBs2KPlusKMinusLine	262261	0.0213	0.063
StrippingHb2Charged2BodyLb2PPlusPiMinusLine	262261	0.0213	0.062



StrippingStatisticsStripping20r1Test1 < LHCb < TWiki

StrippingHb2Charged2BodyLb2PiPlusPMinusLine	262261	0.0213	0.062
StrippingHb2Charged2BodyLb2PPlusKMinusLine	262261	0.0213	0.062
StrippingHb2Charged2BodyLb2KPlusPMinusLine	262261	0.0213	0.061
StrippingBetaSBs2KstKstNominalLine	159512	0.0129	0.126
StrippingBd2JPsiKstForBetaSBs2KstKstLine	35092	0.0028	0.840
StrippingBetaSBs2PhiPhiLine	125630	0.0102	0.449
StrippingBetaSBs2PhiPhiWideLine	69305	0.0056	0.124

# QEE

## Dimuon

Line name	N evnts	Rate, %	ms/evt
StrippingA1MuMuA1MuMuLine	236299	0.0192	0.465
StrippingA1MuMuA1MuMuSameSignLine	79536	0.0065	0.520

## EW

Line name	N evnts	Rate, %	ms/evt
StrippingWeLine	1014282	0.0823	13.520
StrippingWeLowLine	462367	0.0375	0.054
StrippingDY2MuMuLine1	326836	0.0265	0.062
StrippingDY2MuMuLine1Hlt	975889	0.0792	0.610
StrippingDY2MuMuLine2	235419	0.0191	0.146
StrippingDY2MuMuLine2Hlt	456867	0.0371	0.621
StrippingDY2MuMuLine3	447736	0.0363	0.379
StrippingDY2MuMuLine4	37183	0.0030	0.098
StrippingZ02eeLine	4510	0.0004	0.150
StrippingZ02eeSSLLine	1980	0.0002	0.135
StrippingDY2eeLine3	350598	0.0285	0.139
StrippingDY2eeLine4	36192	0.0029	0.136
StrippingHighPtTopo40000	418583	0.0340	0.274
StrippingHighPtTopo20000	377550	0.0306	0.034
StrippingDisplVerticesSingle	855979	0.0695	1.060
StrippingDisplVerticesSinglePS	226178	0.0184	0.047
StrippingDisplVerticesSingleDown	125740	0.0102	0.642
StrippingDisplVerticesDouble	234099	0.0190	0.057
StrippingDisplVerticesHLTPS	147631	0.0120	0.243
StrippingDisplVerticesCharmHLT	300764	0.0244	0.060
StrippingMuMuSSLLine1	327166	0.0266	0.049
StrippingMuMuSSLLine2	322876	0.0262	0.112
StrippingMuMuSSLLine3	199666	0.0162	0.099
StrippingMuMuSSLLine4	28822	0.0023	0.099
StrippingInclbJets	710437	0.0577	0.205
StrippingDiPhotonDiMuonNoPVLLine	135751	0.0110	0.043
StrippingSingleTrackTISLine	250600	0.0203	0.290
StrippingSingleTrackTISLowLine	50604	0.0041	0.066
StrippingLowMultMuonLine	1863881	0.1513	0.043
StrippingLowMultMuonLinePS	11220	0.0009	0.027
StrippingLowMultPP2PPMuMuLine	703617	0.0571	0.042
StrippingLowMultPP2PPMuMuLinePS	13311	0.0011	0.029
StrippingLowMultElectronLine	880181	0.0714	0.042
StrippingLowMultElectronLinePS	15401	0.0013	0.028
StrippingLowMultElectronLineNoFilter	14961	0.0012	0.029
StrippingLowMultHadronLine	818026	0.0664	0.046
StrippingLowMultHadronLinePS	26842	0.0022	0.027
StrippingLowMultHadronLineNoFilter	6710	0.0005	0.028

## StrippingStatisticsStripping20r1Test1 &lt; LHCb &lt; TWiki

StrippingLowMultPhotonLine	255330	0.0207	0.039
StrippingLowMultCEP_D2KPi_line	72825	0.0059	0.067
StrippingLowMultCEP_D2KPiPi_line	41803	0.0034	0.062
StrippingLowMultCEP_D2K3Pi_line	2860	0.0002	0.061
StrippingLowMultCEP_ChiC2HH_line	95487	0.0077	0.060
StrippingLowMultCEP_ChiC2PP_line	35422	0.0029	0.060
StrippingLowMultCEP_ChiC2HHHH_line	40813	0.0033	0.061
StrippingLowMultCEP_DD_line	0	0.0000	0.060
StrippingLowMultCEP_KK_line	16391	0.0013	0.045
StrippingLowMultCEP_LMR2HH_line	17381	0.0014	0.046
StrippingLowMultCEP_D2KPiWS_line	5170	0.0004	0.045
StrippingLowMultCEP_D2KPiPiWS_line	440	0.0000	0.045
StrippingLowMultCEP_D2K3PiWS_line	330	0.0000	0.046
StrippingLowMultCEP_ChiC2HHWS_line	3520	0.0003	0.045
StrippingLowMultCEP_ChiC2PPWS_line	440	0.0000	0.045
StrippingLowMultCEP_ChiC2HHHHWS_line	3520	0.0003	0.045
StrippingZ02TauTau_MuXLine	364789	0.0296	2.140
StrippingZ02TauTau_MuXLineSS	337837	0.0274	0.142
StrippingZ02TauTau_EXLine	429914	0.0349	0.488
StrippingZ02TauTau_EXLineSS	423974	0.0344	0.196
StrippingXiminusLLLStrangeBaryons	70845	0.0057	0.094
StrippingXiminusDDDStrangeBaryons	449936	0.0365	0.080
StrippingXiminusDDLStrangeBaryons	239819	0.0195	0.057
StrippingOmegaminusLLLStrangeBaryons	70075	0.0057	0.060
StrippingOmegaminusDDDStrangeBaryons	213417	0.0173	0.061
StrippingOmegaminusDDLStrangeBaryons	154672	0.0126	0.064
StrippingZ02MuMuLine	12321	0.0010	0.175
StrippingHighPtJets	0	0.0000	0.060
StrippingWMuControl10Line	130800	0.0106	0.044
StrippingWMuControl4800Line	1233530	0.1001	0.050
StrippingWMuLine	1334628	0.1083	0.081
StrippingWMuLowLine	304944	0.0248	0.047
StrippingWMuSingleTrackNoBiasLine	172053	0.0140	0.051

# RD

Line name	N evnts	Rate, %	ms/evt
StrippingB2XTau_TauTau_TOSLine	545754	0.0443	6.207
StrippingB2XTau_TauTau_SB_TOSLine	30472	0.0025	0.050
StrippingB2XTau_DD_TOSLine	140591	0.0114	6.923
StrippingB2XTau_TauMu_TOSLine	685245	0.0556	0.086
StrippingB2XTau_TauMu_SB_TOSLine	39273	0.0032	0.046
StrippingB2XTau_DMu_TOSLine	218037	0.0177	0.053
StrippingB2XTau_TauTau_TISLine	35862	0.0029	0.049
StrippingB2XTau_DD_TISLine	17601	0.0014	0.051
StrippingB2XTau_TauMu_TISLine	25962	0.0021	0.048
StrippingB2XTau_DMu_TISLine	11220	0.0009	0.051
StrippingB2XTau_TauTau_SameSign_TOSLine	350708	0.0285	0.069
StrippingB2XTau_DD_SameSign_TOSLine	92627	0.0075	0.092
StrippingB2XTau_TauMu_SameSign_TOSLine	273262	0.0222	0.059
StrippingB2XTau_DMu_SameSign_TOSLine	97467	0.0079	0.049
StrippingB2XTau_TauTau_SameSign_TISLine	30362	0.0025	0.049
StrippingB2XTau_DD_SameSign_TISLine	15951	0.0013	0.052
StrippingB2XTau_TauMu_SameSign_TISLine	15291	0.0012	0.048
StrippingB2XTau_DMu_SameSign_TISLine	6380	0.0005	0.048

# Dimuon

Line name	N evnts	Rate, %	ms/evt
StrippingTriMuonThreeMuons	160503	0.0130	0.125
StrippingTriMuonBc2ThreeMu	189215	0.0154	0.055
StrippingSigma2PMuMuForHyperCP	1210	0.0001	0.143
StrippingDplus2PiMuMuForHyperCP	200436	0.0163	0.084
StrippingTau23MuTau23MuLine	217817	0.0177	0.122
StrippingTau23MuDs23PiLine	0	0.0000	0.000
StrippingTau23MuDs2PhiPiLine	163033	0.0132	0.214
StrippingTau23MuTau25MuLine	220	0.0000	0.112
StrippingTau23MuTau2PMuMuLine	312425	0.0254	0.224
StrippingB2MuMuMuMuLinesB24MuLine	4730	0.0004	0.129
StrippingB2MuMuMuMuLinesD24MuLine	27062	0.0022	0.128
StrippingB2MuMuMuMuLinesB2DetachedDimuonsLine	50824	0.0041	0.125
StrippingB2MuMuMuMuLinesB2JpsiKmuumuLine	2640	0.0002	0.152
StrippingB2MuMuMuMuLinesB2JpsiPhimumuLine	330	0.0000	0.061
StrippingInflaton2MuMuLongLine	0	0.0000	0.000
StrippingInflaton2MuMu_Bu2InflatonK	272602	0.0221	0.875
StrippingInflaton2MuMu_Bs2InflatonPhi	45873	0.0037	0.101
StrippingInflaton2MuMu_Bd2InflatonKst	299224	0.0243	0.566
StrippingInflaton2MuMu_Bd2InflatonRho	191415	0.0155	0.358
StrippingB2XMuMu_Line	3086410	0.2505	4.657
StrippingVeryDetachedJpsiLine	224858	0.0182	0.303
StrippingLFVLinesTau2PhiMuLine	232448	0.0189	0.181
StrippingLFVLinesTau2eMuMuLine	68645	0.0056	4.117
StrippingLFVLinesB2eMuLine	83166	0.0067	0.152

StrippingStatisticsStripping20r1Test1 < LHCb < TWiki

StrippingLFVLinesB2eeLine	63805	0.0052	2.280
StrippingLFVLinesB2heMuLine	52694	0.0043	5.813
StrippingLFVLinesB2hMuLine	134870	0.0109	2.344
StrippingLFVLinesBu2KJPsiLine	17711	0.0014	0.210
StrippingLFVLinesB2hTauMuLine	848058	0.0688	0.517
StrippingBs2MuMuLinesNoMuIDLine	460057	0.0373	4.281
StrippingBs2MuMuLinesWideMassLine	24862	0.0020	0.161
StrippingBs2MuMuLinesNoMuIDLoseLine	0	0.0000	0.000
StrippingBs2MuMuLinesBu2JPsiKLine	114849	0.0093	0.367
StrippingBs2MuMuLinesBs2JPsiPhiLine	12871	0.0010	0.275
StrippingBs2MuMuLinesBd2JPsiKstLine	198236	0.0161	1.497
StrippingBs2MuMuLinesSSLLine	198236	0.0161	1.302

## EW

Line name	N evnts	Rate, %	ms/evt
StrippingZ02TauTauProng_Line	537723	0.0436	0.513
StrippingZ02TauTauProng_SameSign_Line	531453	0.0431	0.071
StrippingZ02TauTauProng_SameSignTau_Line	77556	0.0063	0.335
StrippingZ02TauTauProng_SameSignAll_Line	71395	0.0058	0.064

## Leptonic

Line name	N evnts	Rate, %	ms/evt
StrippingKS02MuMuNoMuIDLine	62375	0.0051	0.082
StrippingKS02MuMuLine	192405	0.0156	0.669
StrippingInflaton2MuMuForMicroLongLine	653563	0.0530	0.489
StrippingInflaton2MuMuForMicro_Bu2InflatonK	0	0.0000	0.000
StrippingInflaton2MuMuForMicro_Bs2InflatonPhi	0	0.0000	0.000
StrippingInflaton2MuMuForMicro_Bd2InflatonKst	0	0.0000	0.000
StrippingInflaton2MuMuForMicro_Bd2InflatonRho	0	0.0000	0.000
StrippingBd2MuMuKstarBDTLine	663243	0.0538	2.686
StrippingBu2LLK_eeLine	113419	0.0092	25.448
StrippingBu2LLK_eeLine2	108798	0.0088	0.179
StrippingBu2LLK_mmLine	328046	0.0266	0.121
StrippingBu2LLK_meLine	194605	0.0158	0.178
StrippingBd2MuMuKPiBDTLine	1009111	0.0819	0.380

## Radiative

Line name	N evnts	Rate, %	ms/evt
StrippingB2PhiGammaConv_B2VG_Line	8250	0.0007	2.960
StrippingB2KstarIsoGamma_B2VG_Line	191855	0.0156	3.006
StrippingB2OmegaGammaHHH_B2VG_Line	70735	0.0057	1.090
StrippingB2PhiGamma_B2VG_Line	12981	0.0011	0.178
StrippingB2K1Gamma_B2VG_Line	833977	0.0677	0.702
StrippingB2RhoGamma_B2VG_Line	101758	0.0083	0.182
StrippingB2KstarGammaConv_B2VG_Line	60614	0.0049	0.545
StrippingB2KstarGamma_B2VG_Line	137071	0.0111	0.317
StrippingB2KstarPiGamma_B2VPG_Line	210557	0.0171	0.121

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StrippingB2PhiKGamma_B2VPG_Line	33002	0.0027	0.085
StrippingB2KstarPi0GammaMerged_B2VPG_Line	111439	0.0090	0.090
StrippingB2PhiKSGamma_B2VPG_Line	4400	0.0004	0.083
StrippingB2PhiPi0GammaMerged_B2VPG_Line	13311	0.0011	0.083
StrippingB2KstarKSGamma_B2VPG_Line	38503	0.0031	0.091
StrippingB2RhoKSGamma_B2VPG_Line	28162	0.0023	0.086
StrippingB2PhiPi0GammaResolved_B2VPG_Line	27942	0.0023	0.083
StrippingB2KstarPi0GammaResolved_B2VPG_Line	209567	0.0170	0.093
StrippingBs2KstarKstarGamma_B2VVG_Line	46203	0.0037	0.094
StrippingBs2KstarPhiGamma_B2VVG_Line	10670	0.0009	0.082
StrippingB2KstarPhiGamma_B2VVG_Line	10670	0.0009	0.084
StrippingBs2PhiPhiGamma_B2VVG_Line	550	0.0000	0.081
StrippingLb2PPiGammaLb2PPiGammaLine	77886	0.0063	0.196
StrippingLb2PKGammaLb2PKGammaLine	501310	0.0407	0.248
StrippingBd2eeKstarLine	337397	0.0274	1.339
StrippingBd2JpsieeKstarLine	469078	0.0381	0.230
StrippingBd2eeKstarBDTLine	646082	0.0524	0.914
StrippingBd2eeKstarBDTLine2	610439	0.0495	3.964

## Semileptonic

Line name	N evnts	Rate, %	ms/evt
Strippingb2LambdaMuLine	524632	0.0426	7.261
Strippingtau2LambdaMuLine	652132	0.0529	0.396

# SL

Line name	N evnts	Rate, %	ms/evt
StrippingB2DHHHwD2PiPiB2DHHHForBXXLine	461487	0.0375	0.650
StrippingLb2LcHHHwLc2KPiB2DHHHForBXXLine	550044	0.0446	0.128
StrippingBd2DstarTauNuForB2XTauNu	793164	0.0644	0.674
StrippingBd2DstarTauNuWSForB2XTauNu	638931	0.0519	0.055
StrippingBd2DstarTauNuNonPhysTauForB2XTauNu	458517	0.0372	0.079
StrippingBd2DTauNuForB2XTauNu	451476	0.0366	8.156
StrippingBd2DTauNuWSForB2XTauNu	274032	0.0222	0.058
StrippingBd2DTauNuNonPhysTauForB2XTauNu	216607	0.0176	0.062
StrippingBu2D0TauNuForB2XTauNu	663023	0.0538	0.154
StrippingBu2D0TauNuWSForB2XTauNu	578096	0.0469	0.055
StrippingBu2D0TauNuNonPhysTauForB2XTauNu	286903	0.0233	0.066
StrippingBc2JpsiTauNuForB2XTauNu	380080	0.0308	0.262
StrippingBc2JpsiTauNuNonPhysTauForB2XTauNu	156102	0.0127	0.079
StrippingBs2DsTauNuForB2XTauNu	510001	0.0414	11.594
StrippingBs2DsTauNuWSForB2XTauNu	346418	0.0281	0.058
StrippingBs2DsTauNuNonPhysTauForB2XTauNu	240259	0.0195	0.062
StrippingBd2DdoubleStarTauNuForB2XTauNu	147191	0.0119	0.070
StrippingBd2DdoubleStarTauNuWSForB2XTauNu	135310	0.0110	0.055
StrippingBd2DdoubleStarTauNuNonPhysTauForB2XTauNu	90757	0.0074	0.055

Line name	N evnts	Rate, %	ms/evt
StrippingD02KPiD0ForBXXLine	186135	0.0151	0.087
StrippingD02K3PiD0ForBXXLine	125960	0.0102	0.182
StrippingDstRSwD02K2PiD0ForBXXLine	883811	0.0717	8.867
StrippingDstWSwD02K2PiD0ForBXXLine	59184	0.0048	0.051

## Dimuon

Line name	N evnts	Rate, %	ms/evt
StrippingSemiIncJpsi2mumuJpsiForSLLine	924735	0.0751	3.287

## Semileptonic

Line name	N evnts	Rate, %	ms/evt
StrippingB2XuMuNuBs2KLine	465337	0.0378	0.447
StrippingB2XuMuNuBs2KSSLLine	605929	0.0492	0.215
StrippingB2XuMuNuBu2RhoLine	521882	0.0424	0.601
StrippingB2XuMuNuBu2RhoWSLine	305934	0.0248	0.271
StrippingB2XuMuNuBu2RhoSBLLine	471938	0.0383	0.310
StrippingB2XuMuNuBu2KshSSMuLine	502190	0.0408	0.314
StrippingB2XuMuNuBu2KshOSMuLine	497240	0.0404	0.253
StrippingB2XuMuNuBs2KstarLLLine	324856	0.0264	0.236
StrippingB2XuMuNuBs2KstarLLSSLLine	193285	0.0157	0.122
StrippingB0q2DplusMuXMC09	558515	0.0453	0.434
StrippingB0q2DplusMuXPresel	349498	0.0284	0.108

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StrippingB0q2DplusMuXTuned	696246	0.0565	0.506
StrippingBd2DstarMuNuTight	553894	0.0450	0.543
StrippingBd2DstarMuNuLoose	429804	0.0349	0.117
Strippingb2D0MuXB2DMuNuXLine	951687	0.0772	0.200
Strippingb2D0MuXKpiDCSB2DMuNuXLine	271722	0.0221	0.203
Strippingb2DpMuXB2DMuNuXLine	937716	0.0761	0.185
Strippingb2DMuXKKKB2DMuNuXLine	93507	0.0076	0.119
Strippingb2DsMuXB2DMuNuXLine	925615	0.0751	0.121
Strippingb2LcMuXB2DMuNuXLine	588767	0.0478	0.881
Strippingb2D0MuXK3PiB2DMuNuXLine	433545	0.0352	0.129
Strippingb2D0MuXK3PiDstB2DMuNuXLine	95707	0.0078	0.073
Strippingb2D0MuX2K2PiB2DMuNuXLine	91967	0.0075	0.119
Strippingb2D0MuX3KPiB2DMuNuXLine	12100	0.0010	0.112
Strippingb2D0MuXKKB2DMuNuXLine	432335	0.0351	0.075
Strippingb2D0MuXpipiB2DMuNuXLine	501200	0.0407	0.101
Strippingb2D0MuXDstB2DMuNuXLine	310885	0.0252	0.059
Strippingb2D0MuXKKDstB2DMuNuXLine	67325	0.0055	0.052
Strippingb2D0MuXpipiDstB2DMuNuXLine	59404	0.0048	0.055
Strippingb2DsMuXPhiPiB2DMuNuXLine	535193	0.0434	0.524
Strippingb2DsPi_PhiPi_fakesB2DMuNuXLine	892722	0.0725	0.849
Strippingb2D0MuXB2DMuForTauMuLine	750150	0.0609	0.334

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