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# Stripping17 draft

Tested with DaVinci v28r5, Phys/StrippingSelections r128150, Phys/StrippingSettings r128156, Phys/CommonParticles r128145, Phys/DisplVertices r128001, and r127333 of Kernel/LHCbAlgs, Rec/LumiAlgs and Kernel/LHCbKernel, without Beauty2Charm line, on the Run 97120 data (4099242 events processed). Technical triggers have been filtered out by requiring HLT1 Physics, i.e. this retention will be an 'upper limit' on the retention in data.

## Total

- Bhadron 0.97% + Beauty2Charm (1.3%?)
- Charm  $2.57\% + 9.5\% * 0.1 = 3.52\%$
- Everything else  $(0.65 + 3.2 * 0.1 + 0.07 + 2.0 + 0.14 + 2.0 + 0.21)\% = 5.39\%$
- Calibration  $0.49\% + 2.65\% * 0.1 = 0.76\%$

## Bhadron

Line	Events	Retention(%)
StrippingStreamBhadronDecision	39765	0.9701
StrippingB2HHPi0_MDecision	852	0.0208
StrippingB2HHPi0_RDecision	1126	0.0275
StrippingB2KShhDDLLineDecision	1774	0.0433
StrippingB2KShhLLLLineDecision	607	0.0148
StrippingB2XTau_DD_TISLineDecision	10	0.0002
StrippingB2XTau_DD_TOSLineDecision	169	0.0041
StrippingB2XTau_DMu_TISLineDecision	19	0.0005
StrippingB2XTau_DMu_TOSLineDecision	699	0.0171
StrippingB2XTau_TauMu_TISLineDecision	92	0.0022
StrippingB2XTau_TauMu_TOSLineDecision	2687	0.0655
StrippingB2XTau_TauTau_TISLineDecision	168	0.0041
StrippingB2XTau_TauTau_TOSLineDecision	1901	0.0464
StrippingB2fourbodyLineDecision	909	0.0222
StrippingB2hhLTUnbiasedDetachedLooseLineDecision	339	0.0083
StrippingB2hhLTUnbiasedDetachedNeuroBayesLineDecision	429	0.0105
StrippingB2hhLTUnbiasedLooseLineDecision	2899	0.0707
StrippingB2hhLTUnbiasedNeuroBayesLineDecision	1871	0.0456
StrippingB2hhh_KKK_inclLineDecision	3066	0.0748
StrippingB2hhh_pph_inclLineDecision	2349	0.0573
StrippingB2threebodyLineDecision	1421	0.0347
StrippingB2twobodyLineDecision	1140	0.0278
StrippingBd2DstarTauNuLooseDecision	280	0.0068
StrippingBd2DstarTauNuTightDecision	857	0.0209
StrippingBd2JPsiKstForBetaSBs2KstKstLineDecision	135	0.0033
StrippingBetaSBs2ChicPhi_Chic2KKPiPiNominalLineDecision	40	0.0010
StrippingBetaSBs2ChicPhi_Chic2PiPiPiPiNominalLineDecision	30	0.0007
StrippingBetaSBs2EtacPhiNominalLineDecision	13	0.0003
StrippingBetaSBs2KstKstNominalLineDecision	1077	0.0263
StrippingBetaSBs2KstKstSameChargeLineDecision	1083	0.0264
StrippingBetaSBs2PhiKstNominalLineDecision	1454	0.0355
StrippingBetaSBs2PhiPhiLineDecision	1017	0.0248

StrippingBetaSBs2PhiPhiWideLineDecision	174	0.0042
StrippingBetaSBs2Q2Body4piLineDecision	1433	0.0350
StrippingBetaSQ2B3piSelectionLineDecision	2125	0.0518
StrippingBetaSQ2B4pi1nSelectionLineDecision	2312	0.0564
StrippingBetaSQ2B4pi2nSelectionLineDecision	2176	0.0531
StrippingBu2D0h_D02KShh_NoPIDBu2D0h_D02KShh_KSDDDecision	465	0.0113
StrippingBu2D0h_D02KShh_NoPIDBu2D0h_D02KShh_KSLLDecision	80	0.0020
StrippingBu2D0h_D02KShh_NoPID_WSBu2D0h_D02KShh_KSDD_WSDDecision	82	0.0020
StrippingBu2D0h_D02KShh_NoPID_WSBu2D0h_D02KShh_KSLL_WSDDecision	6	0.0001
StrippingHb2Charged2BodyB2Charged2BodyLineDecision	1965	0.0479
StrippingHb2Charged2BodyB2PPbarLineDecision	714	0.0174
StrippingTwoBodyPromptLineDecision	0	0.0000
StrippingUnbiasedB2DPiWithUnbiasedB2DPiLineDecision	2536	0.0619

## Semileptonic

Line	Events	Retention(%)
StrippingStreamSemileptonicDecision	26549	0.6477
StrippingB0q2DplusMuXMC09Decision	1251	0.0305
StrippingB0q2DplusMuXPreselDecision	770	0.0188
StrippingB0q2DplusMuXTunedDecision	1852	0.0452
StrippingB2XuMuNuBd2PiLineDecision	1121	0.0273
StrippingB2XuMuNuBd2PiSSLLineDecision	1159	0.0283
StrippingB2XuMuNuBs2KLineDecision	2464	0.0601
StrippingB2XuMuNuBs2KSSLLineDecision	2115	0.0516
StrippingB2XuMuNuBs2KstarLineDecision	2007	0.0490
StrippingB2XuMuNuBs2KstarSSLLineDecision	854	0.0208
StrippingB2XuMuNuBu2RhoLineDecision	1560	0.0381
StrippingB2XuMuNuBu2RhoWSLineDecision	814	0.0199
StrippingBd2DstarMuNuLooseDecision	782	0.0191
StrippingBd2DstarMuNuTightDecision	1785	0.0435
Strippingb2D0MuXB2DMuNuXLineDecision	2793	0.0681
Strippingb2D0MuXK3PiB2DMuNuXLineDecision	472	0.0115
Strippingb2D0MuXKKB2DMuNuXLineDecision	1345	0.0328
Strippingb2DpMuXB2DMuNuXLineDecision	2993	0.0730
Strippingb2DsMuXB2DMuNuXLineDecision	2824	0.0689
Strippingb2DsMuXPhiPiB2DMuNuXLineDecision	2379	0.0580
Strippingb2LcMuXB2DMuNuXLineDecision	1734	0.0423

## Leptonic

Line	Events	Retention(%)
StrippingStreamLeptonicDecision	131710	3.2130
StrippingDiMuonAndGammaForCharmAssociativeDecision	9260	0.2259
StrippingDoubleDiMuonForCharmAssociativeDecision	1355	0.0331
StrippingMicroDSTDiElectronBiasedIncDiElectronLineDecision	13313	0.3248
StrippingMicroDSTDiElectronIncDiElectronLineDecision	8053	0.1965
StrippingMicroDSTDiMuonDiMuonIncLineDecision	76356	1.8627
StrippingMicroDSTDiMuonDiMuonPrescaledLineDecision	20892	0.5097
StrippingMicroDSTDiMuonDiMuonSameSignLineDecision	1531	0.0373

StrippingMicroDSTNeuroBayesMuMuJPsiNBLLineDecision	0	0.0000
StrippingMicroDSTNeuroBayesMuMuMuMuHighNBLLineDecision	0	0.0000
StrippingMicroDSTNeuroBayesMuMuMuMuNBLLineDecision	18627	0.4544

## Radiative

Line	Events	Retention(%)
StrippingStreamRadiativeDecision	3051	0.0744
StrippingB2XGammaStripping_Bd2KstGammaDecision	1951	0.0476
StrippingB2XGammaStripping_Bd2KstGammaLooseDiraDecision	274	0.0067
StrippingB2XGammaStripping_Bd2KstGammaWideBMassDecision	179	0.0044
StrippingB2XGammaStripping_Bd2KstGammaWideDecision	671	0.0164
StrippingB2XGammaStripping_Bd2KstGammaWideKstMassDecision	122	0.0030
StrippingB2XGammaStripping_Bs2PhiGammaDecision	225	0.0055
StrippingB2XGammaStripping_Bs2PhiGammaLooseDiraDecision	64	0.0016
StrippingB2XGammaStripping_Bs2PhiGammaWideBMassDecision	62	0.0015

## Dimuon

Line	Events	Retention(%)
StrippingStreamDimuonDecision	83980	2.0487
StrippingB2MuMuMuMuLinesLineDecision	7	0.0002
StrippingB2SameChargeMuonB2D0MuMuPiLineDecision	102	0.0025
StrippingB2SameChargeMuonB2DpMuMuLineDecision	131	0.0032
StrippingB2SameChargeMuonB2DsMuMuLineDecision	88	0.0021
StrippingB2SameChargeMuonB2JpsiKPiPiLineDecision	337	0.0082
StrippingB2SameChargeMuonBc2DsMuMuLineDecision	40	0.0010
StrippingB2XMuMuSS_KOSLineDecision	3753	0.0916
StrippingB2XMuMuSS_KSSLLineDecision	1048	0.0256
StrippingB2XMuMuSS_PiOSLineDecision	3396	0.0828
StrippingB2XMuMuSS_PiSSLLineDecision	920	0.0224
StrippingB2XMuMu_LineDecision	1964	0.0479
StrippingBc2JpsiHDetachedLineDecision	314	0.0077
StrippingBc2JpsiHLineDecision	971	0.0237
StrippingBc2JpsiMuLineDecision	2620	0.0639
StrippingBd2KstarMuMu_BdToKstarMuMuLineDecision	720	0.0176
StrippingBd2KstarMuMu_BdToKstarMuMuLowPLLineDecision	122	0.0030
StrippingBd2KstarMuMu_BdToKstarMuMuSSLLineDecision	212	0.0052
StrippingBd2KstarMuMu_BdToKstarMuMuSSLowPLLineDecision	108	0.0026
StrippingBd2KstarMuMu_BuToKMuMuLineDecision	721	0.0176
StrippingBd2KstarMuMu_BuToKMuMuSSLLineDecision	177	0.0043
StrippingBetaSBd2JpsiKsDetachedLineDecision	196	0.0048
StrippingBetaSBd2JpsiKsPrescaledLineDecision	393	0.0096
StrippingBetaSBd2JpsiKstarDetachedLineDecision	1825	0.0445
StrippingBetaSBd2JpsiKstarPrescaledLineDecision	757	0.0185
StrippingBetaSBs2JpsiEtaDetachedLineDecision	667	0.0163
StrippingBetaSBs2JpsiEtaPrescaledLineDecision	675	0.0165
StrippingBetaSBs2JpsiKstarLineDecision	501	0.0122
StrippingBetaSBs2JpsiPhiDetachedLineDecision	804	0.0196
StrippingBetaSBs2JpsiPhiPrescaledLineDecision	1451	0.0354

## StrippingStatisticsStripping17draftReco11aByStream &lt; LHCb &lt; TWiki

StrippingBetaSBs2Jpsif0LineDecision	1349	0.0329
StrippingBetaSBu2JpsiKDetachedLineDecision	2124	0.0518
StrippingBetaSBu2JpsiKNoPIDDetachedLineDecision	1571	0.0383
StrippingBetaSBu2JpsiKPrescaledLineDecision	1620	0.0395
StrippingBetaSJpsi2MuMuDetachedLineDecision	1614	0.0394
StrippingBetaSJpsi2MuMuLineDecision	966	0.0236
StrippingBetaSLambdab2JpsiLambdaUnbiasedLineDecision	1584	0.0386
StrippingBetaSPsi2SMuMu_Bd2Psi2SKsMuMuDetatchedLineDecision	88	0.0021
StrippingBetaSPsi2SMuMu_Bd2Psi2SKsMuMuPrescaledLineDecision	290	0.0071
StrippingBetaSPsi2SMuMu_Bd2Psi2SKstarMuMuDetatchedLineDecision	1182	0.0288
StrippingBetaSPsi2SMuMu_Bd2Psi2SKstarMuMuPrescaledLineDecision	526	0.0128
StrippingBetaSPsi2SMuMu_Bs2Psi2SPhiMuMuDetatchedLineDecision	314	0.0077
StrippingBetaSPsi2SMuMu_Bs2Psi2SPhiMuMuPrescaledLineDecision	678	0.0165
StrippingBetaSPsi2SMuMu_Bu2Psi2SKMuMuDetatchedLineDecision	573	0.0140
StrippingBetaSPsi2SMuMu_Bu2Psi2SKMuMuPrescaledLineDecision	707	0.0172
StrippingBetaSPsi2SMuMu_InclPsi2SToMuMuDetatchedLineDecision	1356	0.0331
StrippingBetaSPsi2SMuMu_InclPsi2SToMuMuLineDecision	890	0.0217
StrippingBetaSPsi2S_Bd2Psi2SKsJpsiPiPiLineDecision	105	0.0026
StrippingBetaSPsi2S_Bd2Psi2SKstarJpsiPiPiLineDecision	1236	0.0302
StrippingBetaSPsi2S_Bs2Psi2SPhiJpsiPiPiLineDecision	767	0.0187
StrippingBetaSPsi2S_Bu2Psi2SKJpsiPiPiLineDecision	1303	0.0318
StrippingBetaSPsi2S_InclPsi2SToJpsiPiPiLineDecision	1422	0.0347
StrippingBs2MuMuLinesBd2JPsiKstLineDecision	597	0.0146
StrippingBs2MuMuLinesBs2JPsiPhiLineDecision	12	0.0003
StrippingBs2MuMuLinesBu2JPsiKLineDecision	394	0.0096
StrippingBs2MuMuLinesNoMuIDLLineDecision	2962	0.0723
StrippingBs2MuMuLinesNoMuIDLlooseLineDecision	799	0.0195
StrippingBs2MuMuLinesWideMassLineDecision	117	0.0029
StrippingBs2MuMuPhiLineDecision	116	0.0028
StrippingBs2PhiMuMuBs2PhiMuMuLineDecision	235	0.0057
StrippingBs2f0MuMuBs2PhiMuMuLineDecision	1366	0.0333
StrippingBu2LLK_eeLineDecision	127	0.0031
StrippingBu2LLK_mmLineDecision	430	0.0105
StrippingBuToKX3872_BuToKPsi2SLineDecision	135	0.0033
StrippingBuToKX3872_BuToKPsi2SLooseLineDecision	328	0.0080
StrippingBuToKX3872_BuToKX3872LineDecision	223	0.0054
StrippingBuToKX3872_BuToKX3872LooseLineDecision	531	0.0130
StrippingChiCJPsiGammaConversionChiCConversionLineDecision	8	0.0002
StrippingDplus2PiMuMuForHyperCPDecision	991	0.0242
StrippingFullDSTDiMuonDiMuonDetachedLineDecision	0	0.0000
StrippingFullDSTDiMuonDiMuonExclusiveLineDecision	0	0.0000
StrippingFullDSTDiMuonDiMuonHighMassLineDecision	5287	0.1290
StrippingFullDSTDiMuonDiMuonHighMassSameSignLineDecision	274	0.0067
StrippingFullDSTDiMuonDiMuonLowMassLineDecision	0	0.0000
StrippingFullDSTDiMuonDiMuonNoPVLLineDecision	213	0.0052
StrippingFullDSTDiMuonJpsi2MuMuDetachedLineDecision	20686	0.5046
StrippingFullDSTDiMuonJpsi2MuMuLineDecision	32707	0.7979
StrippingFullDSTDiMuonPsi2MuMuDetachedLineDecision	3547	0.0865
StrippingFullDSTDiMuonPsi2MuMuLineDecision	2738	0.0668
StrippingHeavyBaryonOmegab2JpsiOmegaDecision	405	0.0099

StrippingHeavyBaryonXib2JpsiXiDecision	62	0.0015
StrippingHeavyBaryonXibzero2JpsiXistarDecision	24	0.0006
StrippingJpsiMuMuforD0MuMuLineDecision	1918	0.0468
StrippingKS02MuMuLineDecision	470	0.0115
StrippingKS02MuMuNoMuIDLLineDecision	197	0.0048
StrippingNeuroBayesMuMuJpsiNBLLineDecision	1051	0.0256
StrippingNeuroBayesMuMuMuMuHighNBLLineDecision	1282	0.0313
StrippingNeuroBayesMuMuMuMuNBLLineDecision	0	0.0000
StrippingSigma2PMuMuForHyperCPDecision	16	0.0004
StrippingTau2PMuMuTau2PMuMuOSDecision	370	0.0090
StrippingTau2PMuMuTau2PMuMuSSDecision	833	0.0203
StrippingTriMuonBc2ThreeMuDecision	1212	0.0296
StrippingTriMuonThreeMuonsDecision	807	0.0197

## Calibration

Line	Events	Retention(%)
StrippingStreamCalibrationDecision	20081	0.4899
StrippingBeamGasLineDecision	68	0.0017
StrippingD02KPiPi0_MDecision	3336	0.0814
StrippingD02KPiPi0_RDecision	6628	0.1617
StrippingJpsi2eeForElectronIDBu2JpsiKLineDecision	904	0.0221
StrippingJpsi2eeForElectronIDJpsiLineDecision	1899	0.0463
StrippingTrackEffDownMuonNominalLineDecision	3283	0.0801
StrippingTrackEffDownMuonValidationLineDecision	1885	0.0460
StrippingTrackEffMuonTT_BJpsiKLine1Decision	17	0.0004
StrippingTrackEffMuonTT_BJpsiKLine2Decision	26	0.0006
StrippingTrackEffMuonTT_JpsiLine1Decision	923	0.0225
StrippingTrackEffMuonTT_JpsiLine2Decision	844	0.0206
StrippingTrackEffMuonTT_UpsilonLine1Decision	0	0.0000
StrippingTrackEffMuonTT_UpsilonLine2Decision	0	0.0000
StrippingTrackEffMuonTT_ZLine1Decision	0	0.0000
StrippingTrackEffMuonTT_ZLine2Decision	0	0.0000
StrippingTrackEffVeloMuonLine1Decision	351	0.0086
StrippingTrackEffVeloMuonLine2Decision	330	0.0081

## PID

Line	Events	Retention(%)
StrippingStreamPIDDecision	108708	2.6519
StrippingInclPhiHighPtLineDecision	1556	0.0380
StrippingInclPhiHighPtPhiLineDecision	1517	0.0370
StrippingInclPhiLDLineDecision	0	0.0000
StrippingInclPhiLowPtLineDecision	667	0.0163
StrippingInclPhiLowPtPhiLineDecision	1090	0.0266
StrippingK0SDDLLineV0ForPIDDecision	12088	0.2949
StrippingK0SLLLineV0ForPIDDecision	12194	0.2975
StrippingLam0DDIsMUONLineV0ForPIDDecision	3866	0.0943
StrippingLam0DDLLineV0ForPIDDecision	11267	0.2749
StrippingLam0LLIsMUONLine1V0ForPIDDecision	2718	0.0663

StrippingStatisticsStripping17draftReco11aByStream < LHCb < TWiki

StrippingLam0LLIsMUONLine2V0ForPIDDecision	242	0.0059
StrippingLam0LLLLine1V0ForPIDDecision	14666	0.3578
StrippingLam0LLLLine2V0ForPIDDecision	12111	0.2954
StrippingMuIDCalib_FromLambdacDecayDecision	4279	0.1044
StrippingMuIDCalib_JpsiFromBNoPIDDecision	6219	0.1517
StrippingMuIDCalib_JpsiFromBNoPIDNoMipDecision	19585	0.4778
StrippingMuIDCalib_JpsiFromBNoPIDNoMipHiPDecision	5665	0.1382
StrippingMuIDCalib_JpsiKFromBNoPIDNoMipDecision	1818	0.0443
StrippingMuIDCalib_JpsiNoPIDDecision	0	0.0000
StrippingMuIDCalib_KFromLambdacDecayDecision	588	0.0143
StrippingMuIDCalib_KISMUONFromLambdacDecayDecision	32	0.0008
StrippingMuIDCalib_PFromLambdacDecayDecision	906	0.0221
StrippingMuIDCalib_PISMUONFromLambdacDecayDecision	153	0.0037
StrippingMuIDCalib_PiFromLambdacDecayDecision	380	0.0093
StrippingMuIDCalib_PiISMUONFromLambdacDecayDecision	14	0.0003
StrippingNoPIDDstarWithD02RSKPiLineDecision	12216	0.2980

Line	Events	Retention(%)
StrippingStreamCharmCompleteEventDecision	105503	2.5737
StrippingCcbar2BaryonsJpsi2DiLambdaLineDecision	845	0.0206
StrippingCcbar2BaryonsJpsi2DiXiLineDecision	38	0.0009
StrippingCcbar2PpbarDetachedLineDecision	940	0.0229
StrippingCcbar2PpbarExclusiveLineDecision	1816	0.0443
StrippingD02K3PiD0ForBXXLineDecision	297	0.0072
StrippingD02KPiD0ForBXXLineDecision	659	0.0161
StrippingD2XMuMu_2KPiLineDecision	0	0.0000
StrippingD2XMuMu_K2PiLineDecision	0	0.0000
StrippingD2XMuMu_K3PiLineDecision	0	0.0000
StrippingD2XMuMu_KKLineDecision	0	0.0000
StrippingD2XMuMu_KKPiPiLineDecision	0	0.0000
StrippingD2XMuMu_KOSLineDecision	1082	0.0264
StrippingD2XMuMu_KSSLLineDecision	589	0.0144
StrippingD2XMuMu_PiCalLineDecision	1927	0.0470
StrippingD2XMuMu_PiOSLineDecision	1640	0.0400
StrippingD2XMuMu_PiPiLineDecision	0	0.0000
StrippingD2XMuMu_PiSSLLineDecision	644	0.0157
StrippingD2hhPromptD0D0FromDstarPartialLineDecision	136	0.0033
StrippingD2hhPromptD2KKLineDecision	20428	0.4983
StrippingD2hhPromptD2KPiLineDecision	10306	0.2514
StrippingD2hhPromptD2PiPiLineDecision	7735	0.1887
StrippingD2hhPromptDst2D2KKLineDecision	5005	0.1221
StrippingD2hhPromptDst2D2PiPiLineDecision	1717	0.0419
StrippingD2hhPromptDst2D2RSLLineDecision	21786	0.5315
StrippingD2hhPromptDst2D2WSLineDecision	6153	0.1501
StrippingD2hhhMicroKPiPi_HHHIncLineDecision	0	0.0000
StrippingD2hhhMicroKPiPi_KKKLineDecision	0	0.0000
StrippingD2hhhMicroKPiPi_KKPLLineDecision	0	0.0000
StrippingD2hhhMicroKPiPi_KKPosLineDecision	0	0.0000
StrippingD2hhhMicroKPiPi_KPPLLineDecision	663	0.0162

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StrippingD2hhhMicroKPiPi_KPPosLineDecision	0	0.0000
StrippingD2hhhMicroKPiPi_PPPLineDecision	0	0.0000
StrippingDp2KPiPiDForBSemiLineDecision	1060	0.0259
StrippingDs2KKPiDForBSemiLineDecision	1576	0.0384
StrippingDstRSwD02K2PiD0ForBXXLineDecision	2686	0.0655
StrippingDstWSwD02K2PiD0ForBXXLineDecision	159	0.0039
StrippingDstarD02Kpipi0RSDecision	1972	0.0481
StrippingDstarD02Kpipi0WSDecision	153	0.0037
StrippingDstarD02xxDst2PiD02KmuBoxDecision	237	0.0058
StrippingDstarD02xxDst2PiD02Kmu_untagged_BoxDecision	274	0.0067
StrippingDstarD02xxDst2PiD02KpiBoxDecision	175	0.0043
StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxDecision	438	0.0107
StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxMBDecision	17	0.0004
StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxMBTrEffDecision	78	0.0019
StrippingDstarD02xxDst2PiD02emuBoxDecision	0	0.0000
StrippingDstarD02xxDst2PiD02mumuBoxDecision	174	0.0042
StrippingDstarD02xxDst2PiD02mumu_untagged_BoxDecision	1445	0.0353
StrippingDstarD02xxDst2PiD02pipiBoxDecision	116	0.0028
StrippingDstarD02xxDst2PiD02pipi_untagged_BoxDecision	281	0.0069
StrippingDstarD02xxDst2PiD02pipi_untagged_BoxMBDecision	5	0.0001
StrippingDstarD2KShhKKDDLLineDecision	252	0.0061
StrippingDstarD2KShhKKLLLineDecision	208	0.0051
StrippingDstarD2KShhKPDDLLineDecision	411	0.0100
StrippingDstarD2KShhKPLLLLineDecision	423	0.0103
StrippingDstarD2KShhPPDDLLineDecision	691	0.0169
StrippingDstarD2KShhPPLLLLineDecision	548	0.0134
StrippingDstarPromptWithD02HHWithD02KKLineDecision	3223	0.0786
StrippingDstarPromptWithD02HHWithD02PiPiLineDecision	2768	0.0675
StrippingDstarPromptWithD02HHWithD02RSKPiLineDecision	14743	0.3597
StrippingDstarPromptWithD02HHWithD02WSKPiLineDecision	3777	0.0921
StrippingDstarVeryLooseWithD02KpiDecision	1184	0.0289
StrippingLc2PKPiDForBSemiLineDecision	710	0.0173
StrippingX2D0D0LineDecision	4263	0.1040
StrippingXiccControlLcDecision	0	0.0000
StrippingXiccControlXicPlusDecision	63	0.0015
StrippingXiccControlXicZeroDecision	151	0.0037
StrippingXiccXiccPlusPlusToLcKPiPiDecision	1706	0.0416
StrippingXiccXiccPlusPlusToXicPlusPiDecision	18	0.0004
StrippingXiccXiccPlusPlusToXicZeroPiPiDecision	8	0.0002
StrippingXiccXiccPlusToLcKPiDecision	5798	0.1414
StrippingXiccXiccPlusToXicPlusPiPiDecision	16	0.0004
StrippingXiccXiccPlusToXicZeroPiDecision	22	0.0005

## Charm

Line	Events	Retention(%)
StrippingStreamCharmDecision	389709	9.5069
StrippingCcbar2PpbarLineDecision	17256	0.4210
StrippingCharmedAndCharmedStrangeSpectroscopy_D0KDecision	5725	0.1397
StrippingCharmedAndCharmedStrangeSpectroscopy_D0PipDecision	11795	0.2877

CharmCompleteEvent



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StrippingCharmedAndCharmedStrangeSpectroscopy_DpKsDecision	2959	0.0722
StrippingCharmedAndCharmedStrangeSpectroscopy_DpPimDecision	11075	0.2702
StrippingCharmedAndCharmedStrangeSpectroscopy_DstarpKsDecision	865	0.0211
StrippingCharmedAndCharmedStrangeSpectroscopy_DstarpPimDecision	4293	0.1047
StrippingD02HHForPromptCharmDecision	38703	0.9442
StrippingD02MuMuClbrD02PiPiLineDecision	14271	0.3481
StrippingD02MuMuClbrDstD02PiPiLineDecision	3460	0.0844
StrippingD02MuMuDstLineDecision	321	0.0078
StrippingD02MuMuLineDecision	1784	0.0435
StrippingD2KS0HKAonLineDDDDecision	5177	0.1263
StrippingD2KS0HKAonLineDecision	1344	0.0328
StrippingD2KS0HPionLineDDDDecision	5958	0.1453
StrippingD2KS0HPionLineDecision	1510	0.0368
StrippingD2XMuMuMicro_2KPiLineDecision	4538	0.1107
StrippingD2XMuMuMicro_K2PiLineDecision	2586	0.0631
StrippingD2XMuMuMicro_K3PiLineDecision	1095	0.0267
StrippingD2XMuMuMicro_KKLineDecision	195	0.0048
StrippingD2XMuMuMicro_KKPiPiLineDecision	745	0.0182
StrippingD2XMuMuMicro_KOSLineDecision	0	0.0000
StrippingD2XMuMuMicro_KSSLLineDecision	0	0.0000
StrippingD2XMuMuMicro_PiCalLineDecision	0	0.0000
StrippingD2XMuMuMicro_PiOSLineDecision	0	0.0000
StrippingD2XMuMuMicro_PiPiLineDecision	1293	0.0315
StrippingD2XMuMuMicro_PiSSLLineDecision	0	0.0000
StrippingD2hhMicroKPiPromptD2KPiLineDecision	114597	2.7956
StrippingD2hhh_HHHIncLineDecision	17715	0.4322
StrippingD2hhh_KKKLineDecision	1387	0.0338
StrippingD2hhh_KKPLineDecision	27560	0.6723
StrippingD2hhh_KKPosLineDecision	2457	0.0599
StrippingD2hhh_KPPLineDecision	69712	1.7006
StrippingD2hhh_KPPosLineDecision	22167	0.5408
StrippingD2hhh_PPPLineDecision	26121	0.6372
StrippingDForPromptCharmDecision	15715	0.3834
StrippingDiCharmForPromptCharmDecision	412	0.0101
StrippingDiMuonAndCharmForPromptCharmDecision	719	0.0175
StrippingDsForPromptCharmDecision	7577	0.1848
StrippingDstarD02KMuNuPrescaledRSLLineDecision	23885	0.5827
StrippingDstarD02KMuNuPrescaledWSLineDecision	3948	0.0963
StrippingDstarForPromptCharmDecision	27890	0.6804
StrippingDstarPromptWithD02HHHHLLineDecision	7432	0.1813
StrippingDstarPromptWithD02HHHHNoPIDLineDecision	1145	0.0279
StrippingLambdaCForPromptCharmDecision	5942	0.1450
StrippingXiccMicroControlLcDecision	4465	0.1089
StrippingXiccMicroControlXicPlusDecision	0	0.0000
StrippingXiccMicroControlXicZeroDecision	0	0.0000
StrippingXiccMicroXiccPlusPlusToLcKPiPiDecision	0	0.0000
StrippingXiccMicroXiccPlusPlusToXicPlusPiDecision	0	0.0000
StrippingXiccMicroXiccPlusPlusToXicZeroPiPiDecision	0	0.0000
StrippingXiccMicroXiccPlusToLcKPiDecision	0	0.0000
StrippingXiccMicroXiccPlusToXicPlusPiPiDecision	0	0.0000

StrippingXiccMicroXiccPlusToXicZeroPiDecision	0	0.0000
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## Dielectron

Line	Events	Retention(%)
StrippingStreamDielectronDecision	5852	0.1428
StrippingBd2JpsieeKstarLineDecision	854	0.0208
StrippingBd2eeKstarLineDecision	626	0.0153
StrippingBetaSBs2JpsieePhiDetachedLineDecision	1167	0.0285
StrippingBetaSBs2JpsieePhiLineDecision	235	0.0057
StrippingFullDSTDiElectronBiasedIncDiElectronLineDecision	1799	0.0439
StrippingFullDSTDiElectronBiasedIncDiElectronLowMassLineDecision	338	0.0082
StrippingFullDSTDiElectronDiElectronLowMassLineDecision	363	0.0089
StrippingFullDSTDiElectronIncDiElectronLineDecision	859	0.0210
StrippingFullDSTDiElectronJpsi2eeLineDecision	422	0.0103

## EW

Line	Events	Retention(%)
StrippingStreamEWDecision	85041	2.0746
StrippingDY2MuMuLine1_HltDecision	878	0.0214
StrippingDY2MuMuLine1_HltaDecision	48	0.0012
StrippingDY2MuMuLine1_psDecision	1559	0.0380
StrippingDY2MuMuLine2Decision	2173	0.0530
StrippingDY2MuMuLine2_HltDecision	1196	0.0292
StrippingDY2MuMuLine2_HltaDecision	8	0.0002
StrippingDY2MuMuLine3Decision	2334	0.0569
StrippingDY2MuMuLine4Decision	107	0.0026
StrippingDY2eeLine1Decision	1568	0.0383
StrippingDY2eeLine2Decision	3222	0.0786
StrippingDY2eeLine3Decision	3391	0.0827
StrippingDY2eeLine4Decision	59	0.0014
StrippingDiPhotonDiMuonNoPVLLineDecision	0	0.0000
StrippingDoubleDisplVerticesDecision	1746	0.0426
StrippingDoubleHLTPSDisplVerticesDecision	46	0.0011
StrippingHighPtJetsDecision	1566	0.0382
StrippingJPsiHLTDisplVerticesDecision	536	0.0131
StrippingLowMultElectronLineDecision	4943	0.1206
StrippingLowMultElectronLineNoFilterDecision	0	0.0000
StrippingLowMultElectronLinePSDecision	206	0.0050
StrippingLowMultHadronLineDecision	5271	0.1286
StrippingLowMultHadronLineNoFilterDecision	0	0.0000
StrippingLowMultHadronLinePSDecision	385	0.0094
StrippingLowMultMuonLineDecision	13104	0.3197
StrippingLowMultMuonLinePSDecision	81	0.0020
StrippingLowMultPP2PPMuMuLineDecision	4344	0.1060
StrippingLowMultPP2PPMuMuLinePSDecision	77	0.0019
StrippingLowMultPhotonLineDecision	3065	0.0748
StrippingMinBiasDisplVerticesDecision	1	0.0000
StrippingMuMuSSLLine1Decision	768	0.0187

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StrippingMuMuSSLLine2Decision	1923	0.0469
StrippingMuMuSSLLine3Decision	1556	0.0380
StrippingMuMuSSLLine4Decision	91	0.0022
StrippingSingleDownDisplVerticesDecision	1732	0.0423
StrippingSingleHLTPSDisplVerticesDecision	66	0.0016
StrippingSingleHighFDDisplVerticesDecision	1755	0.0428
StrippingSingleHighMassDisplVerticesDecision	1687	0.0412
StrippingSingleMediumDisplVerticesDecision	1495	0.0365
StrippingSinglePSDisplVerticesDecision	892	0.0218
StrippingSingleTrackTISHighPtDecision	1613	0.0393
StrippingSingleTrackTISLowPtDecision	440	0.0107
StrippingWMuLineDecision	10530	0.2569
StrippingWMuLine_NoPIDspsDecision	1877	0.0458
StrippingWMuLine_looseDecision	2580	0.0629
StrippingWMuLine_loosepsDecision	638	0.0156
StrippingWMuLowPTLineDecision	2525	0.0616
StrippingWMuSingleTrackNoBiasDecision	14	0.0003
StrippingWeLineDecision	3778	0.0922
StrippingWeLine_psDecision	1579	0.0385
StrippingZ02MuMuLineDecision	42	0.0010
StrippingZ02MuMuLooseLineDecision	4	0.0001
StrippingZ02MuMuNoPIDsLineDecision	946	0.0231
StrippingZ02TauTauLineDecision	3150	0.0768
StrippingZ02TauTauProng_LineDecision	279	0.0068
StrippingZ02TauTauProng_SameSign_LineDecision	261	0.0064
StrippingZ02TauTauSameSignLineDecision	2852	0.0696
StrippingZ02eeLineDecision	17	0.0004
StrippingZ02eeSSLLineDecision	4	0.0001

Line	Events	Retention(%)
StrippingStreamMiniBiasDecision	8620	0.2103
StrippingD02HHHForXSecD02HHLLineDecision	9	0.0002
StrippingD02HHHForXSecDstar2D0Pi_D02HHLLineDecision	3	0.0001
StrippingD02K3PiForD02K3PiForXSecLineDecision	5	0.0001
StrippingD02KPiGeoForXSecD02HHLLineDecision	3	0.0001
StrippingD02KPiGeoForXSecDstar2D0Pi_D02HHLLineDecision	1	0.0000
StrippingD2HHHForXSecD2KKPLLineDecision	12	0.0003
StrippingD2HHHForXSecD2KPPLLineDecision	15	0.0004
StrippingD2HHLTUnbiasedD02HHLLineDecision	2	0.0000
StrippingD2HHLTUnbiasedDstar2D0Pi_D02HHLLineDecision	1	0.0000
StrippingD2PhiPiForXSecD2PhiPiLineDecision	0	0.0000
StrippingDstar2D0Pi_D02KPiForXSecD02HHLLineDecision	17	0.0004
StrippingDstar2D0Pi_D02KPiForXSecDstar2D0Pi_D02HHLLineDecision	1	0.0000
StrippingDstar2D0pi_D02K3PiForD02K3PiForXSecLineDecision	1	0.0000
StrippingHlt1L0AnyDecision	3169	0.0773
StrippingLambdac2PKPiForXSecLambdac2PKPiLineDecision	0	0.0000
StrippingMBNoBiasDecision	5476	0.1336

-- JiboHE - 29-Aug-2011

This topic: LHCb > StrippingStatisticsStripping17draftReco11aByStream

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