

Table of Contents

stripping19a.....	1
Bhadron.....	1
.Semileptonic.....	6
Leptonic.....	7
PID.....	8
Dimuon.....	8
Calibration.....	11
Radiative.....	11
Charm.....	12
.EW.....	16.....

stripping19a

With tightened track χ^2/ndf cut (<3), tested with DV v30r4p1, on Run 114753, Reco13a test sample.

Line	Events	Retention(%)
StrippingStreamCharmToBeSwumDecision	225872	1.6433
StrippingD2hhPromptD0D0FromDstarPartialLineDecision	1497	0.0109
StrippingD2hhPromptD2KKLineDecision	68007	0.4948
StrippingD2hhPromptD2KPiLineDecision	29686	0.2160
StrippingD2hhPromptD2PiPiLineDecision	30329	0.2207
StrippingD2hhPromptDstD2D2KKLineDecision	17626	0.1282
StrippingD2hhPromptDstD2D2PiPiLineDecision	7057	0.0513
StrippingD2hhPromptDstD2D2RSLLineDecision	66991	0.4874
StrippingD2hhPromptDstD2D2WSLineDecision	21910	0.1594
StrippingDstarD2KShhKKDDLLineDecision	2533	0.0184
StrippingDstarD2KShhKKLLLineDecision	1816	0.0132
StrippingDstarD2KShhKPDDLLineDecision	4647	0.0338
StrippingDstarD2KShhKPLLLLineDecision	3290	0.0239
StrippingDstarD2KShhPPDDLLineDecision	7245	0.0527
StrippingDstarD2KShhPPLLLLineDecision	3619	0.0263

Bhadron

Line	Events	Retention(%)
StrippingStreamBhadronDecision	461477	3.3574
StrippingB02D0D0Beauty2CharmLineDecision	3135	0.0228
StrippingB02D0D0KSDDBeauty2CharmLineDecision	291	0.0021
StrippingB02D0D0KSLLBeauty2CharmLineDecision	533	0.0039
StrippingB02D0D0KstBeauty2CharmLineDecision	2282	0.0166
StrippingB02D0DKBeauty2CharmLineDecision	10154	0.0739
StrippingB02D0DKWSBeauty2CharmLineDecision	718	0.0052
StrippingB02D0KKD2HHBeauty2CharmLineDecision	22379	0.1628
StrippingB02D0KKD2KPiPiPiBeauty2CharmLineDecision	13884	0.1010
StrippingB02D0KKD2KSHHDDBeauty2CharmLineDecision	2656	0.0193
StrippingB02D0KKD2KSHHLLBeauty2CharmLineDecision	6956	0.0506
StrippingB02D0KKD2Pi0KPiMergedBeauty2CharmLineDecision	2879	0.0209
StrippingB02D0KKD2Pi0KPiResolvedBeauty2CharmLineDecision	33386	0.2429
StrippingB02D0KPiD2HHBeauty2CharmLineDecision	21250	0.1546
StrippingB02D0KPiD2KPiPiPiBeauty2CharmLineDecision	12957	0.0943
StrippingB02D0KPiD2KSHHDDBeauty2CharmLineDecision	2631	0.0191
StrippingB02D0KPiD2KSHHLLBeauty2CharmLineDecision	6461	0.0470
StrippingB02D0KPiD2Pi0KPiMergedBeauty2CharmLineDecision	2698	0.0196
StrippingB02D0KPiD2Pi0KPiResolvedBeauty2CharmLineDecision	33112	0.2409
StrippingB02D0KSDDD2HHBeauty2CharmLineDecision	590	0.0043
StrippingB02D0KSDDD2K3PiBeauty2CharmLineDecision	323	0.0023
StrippingB02D0KSDDD2Pi0KPiResolvedBeauty2CharmLineDecision	875	0.0064
StrippingB02D0KSLLD2HHBeauty2CharmLineDecision	666	0.0048
StrippingB02D0KSLLD2K3PiBeauty2CharmLineDecision	266	0.0019
StrippingB02D0KSLLD2Pi0KPiMergedBeauty2CharmLineDecision	89	0.0006

StrippingB02D0PiPiD2HHBeauty2CharmLineDecision	13550	0.0986
StrippingB02D0PiPiD2KPiPiPiBeauty2CharmLineDecision	7218	0.0525
StrippingB02D0PiPiD2KSHHDDBeauty2CharmLineDecision	1892	0.0138
StrippingB02D0PiPiD2KSHHLLBeauty2CharmLineDecision	3478	0.0253
StrippingB02D0PiPiD2Pi0KPiMergedBeauty2CharmLineDecision	1427	0.0104
StrippingB02D0PiPiD2Pi0KPiResolvedBeauty2CharmLineDecision	25181	0.1832
StrippingB02DDBeauty2CharmLineDecision	13057	0.0950
StrippingB02DDKSDDBeauty2CharmLineDecision	460	0.0033
StrippingB02DDKSLLBeauty2CharmLineDecision	1626	0.0118
StrippingB02DDKSWSDDBeauty2CharmLineDecision	36	0.0003
StrippingB02DDKSWSLLEBeauty2CharmLineDecision	116	0.0008
StrippingB02DDWSBeauty2CharmLineDecision	9575	0.0697
StrippingB02DHHWSD2HHBeauty2CharmLineDecision	1790	0.0130
StrippingB02DHHWSD2KPiPiPiBeauty2CharmLineDecision	1097	0.0080
StrippingB02DHHWSD2KSHHDDBeauty2CharmLineDecision	196	0.0014
StrippingB02DHHWSD2KSHHLLBeauty2CharmLineDecision	543	0.0040
StrippingB02DHHWSD2Pi0KPiMergedBeauty2CharmLineDecision	254	0.0018
StrippingB02DHHWSD2Pi0KPiResolvedBeauty2CharmLineDecision	2745	0.0200
StrippingB02DKKPiD2HHHPIDBeauty2CharmLineDecision	21225	0.1544
StrippingB02DKKPiWSD2HHHPIDBeauty2CharmLineDecision	1644	0.0120
StrippingB02DKLTUBD2HHHBeauty2CharmLineDecision	32491	0.2364
StrippingB02DKPi0MergedD2HHHBeauty2CharmLineDecision	2304	0.0168
StrippingB02DKPi0MergedWSD2HHHBeauty2CharmLineDecision	204	0.0015
StrippingB02DKPi0ResolvedD2HHHBeauty2CharmLineDecision	41027	0.2985
StrippingB02DKPi0ResolvedWSD2HHHBeauty2CharmLineDecision	2752	0.0200
StrippingB02DKPiPiD2HHHPIDBeauty2CharmLineDecision	24581	0.1788
StrippingB02DKPiPiWSD2HHHPIDBeauty2CharmLineDecision	2031	0.0148
StrippingB02DKWSD2HHHBeauty2CharmLineDecision	1310	0.0095
StrippingB02DKWSD2KSHDDBeauty2CharmLineDecision	47	0.0003
StrippingB02DKWSD2KSHLLBeauty2CharmLineDecision	61	0.0004
StrippingB02DKWSD2Pi0HHHMergedBeauty2CharmLineDecision	83	0.0006
StrippingB02DKWSD2Pi0HHHResolvedBeauty2CharmLineDecision	1421	0.0103
StrippingB02DKsPiDDD2HHHBeauty2CharmLineDecision	2100	0.0153
StrippingB02DKsPiDDWSD2HHHBeauty2CharmLineDecision	153	0.0011
StrippingB02DKsPiLLD2HHHBeauty2CharmLineDecision	2253	0.0164
StrippingB02DKsPiLLWSD2HHHBeauty2CharmLineDecision	138	0.0010
StrippingB02DPiPi0MergedD2HHHBeauty2CharmLineDecision	2051	0.0149
StrippingB02DPiPi0MergedWSD2HHHBeauty2CharmLineDecision	142	0.0010
StrippingB02DPiPi0ResolvedD2HHHBeauty2CharmLineDecision	40208	0.2925
StrippingB02DPiPi0ResolvedWSD2HHHBeauty2CharmLineDecision	2780	0.0202
StrippingB02DPiPiD2HHHPIDBeauty2CharmLineDecision	17287	0.1258
StrippingB02DPiPiPiWSD2HHHPIDBeauty2CharmLineDecision	1309	0.0095
StrippingB02DPiWSD2HHHBeauty2CharmLineDecision	1117	0.0081
StrippingB02DPiWSD2KSHDDBeauty2CharmLineDecision	52	0.0004
StrippingB02DPiWSD2KSHLLBeauty2CharmLineDecision	59	0.0004
StrippingB02DPiWSD2Pi0HHHMergedBeauty2CharmLineDecision	87	0.0006
StrippingB02DPiWSD2Pi0HHHResolvedBeauty2CharmLineDecision	1332	0.0097
StrippingB02DstDBeauty2CharmLineDecision	1343	0.0098
StrippingB02DstDKSDDBeauty2CharmLineDecision	221	0.0016
StrippingB02DstDKSLLBeauty2CharmLineDecision	759	0.0055

StrippingB02DstDKSWSDDBeauty2CharmLineDecision	16	0.0001
StrippingB02DstDKSWSLLEBeauty2CharmLineDecision	58	0.0004
StrippingB02DstDWSBeauty2CharmLineDecision	84	0.0006
StrippingB02DstDstBeauty2CharmLineDecision	27	0.0002
StrippingB02DstDstKSDBeauty2CharmLineDecision	5	0.0000
StrippingB02DstDstKSLLBeauty2CharmLineDecision	14	0.0001
StrippingB02DstDstKSWSDDBeauty2CharmLineDecision	0	0.0000
StrippingB02DstDstKSWSLLEBeauty2CharmLineDecision	2	0.0000
StrippingB02DstDstWSBeauty2CharmLineDecision	4	0.0000
StrippingB02DstKKPiDstar2D0PiPIDBeauty2CharmLineDecision	1660	0.0121
StrippingB02DstKKPiWSDstar2D0PiPIDBeauty2CharmLineDecision	108	0.0008
StrippingB02DstKPiPiDstar2D0PiPIDBeauty2CharmLineDecision	1806	0.0131
StrippingB02DstKPiPiWSDstar2D0PiPIDBeauty2CharmLineDecision	126	0.0009
StrippingB02DstPiPiPiDstar2D0PiPIDBeauty2CharmLineDecision	1153	0.0084
StrippingB02DstPiPiPiWSDstar2D0PiPIDBeauty2CharmLineDecision	63	0.0005
StrippingB2ChicKNominalLineDecision	1371	0.0100
StrippingB2D0D0KBeauty2CharmLineDecision	5792	0.0421
StrippingB2D0DBeauty2CharmLineDecision	12988	0.0945
StrippingB2D0DD02K3PiBeauty2CharmLineDecision	7479	0.0544
StrippingB2D0DKSDBeauty2CharmLineDecision	1186	0.0086
StrippingB2D0DKSLLBeauty2CharmLineDecision	2493	0.0181
StrippingB2D0KD2HHBeauty2CharmLineDecision	13312	0.0968
StrippingB2D0KD2HHHHBeauty2CharmLineDecision	9786	0.0712
StrippingB2D0KD2HHHHWSBeauty2CharmLineDecision	88	0.0006
StrippingB2D0KD2HHWSBeauty2CharmLineDecision	660	0.0048
StrippingB2D0KD2KSHHDDBeauty2CharmLineDecision	1247	0.0091
StrippingB2D0KD2KSHHDDWSBeauty2CharmLineDecision	83	0.0006
StrippingB2D0KD2KSHHLLBeauty2CharmLineDecision	3340	0.0243
StrippingB2D0KD2KSHHLLWSBeauty2CharmLineDecision	200	0.0015
StrippingB2D0KD2Pi0HHMergedBeauty2CharmLineDecision	3440	0.0250
StrippingB2D0KD2Pi0HHResolvedBeauty2CharmLineDecision	31848	0.2317
StrippingB2D0KD2Pi0HHWSMergedBeauty2CharmLineDecision	275	0.0020
StrippingB2D0KD2Pi0HHWSResolvedBeauty2CharmLineDecision	2620	0.0191
StrippingB2D0KKPiD2HHPIDBeauty2CharmLineDecision	12900	0.0939
StrippingB2D0KKPiD2KSHHDDBeauty2CharmLineDecision	2055	0.0150
StrippingB2D0KKPiD2KSHHLLBeauty2CharmLineDecision	6636	0.0483
StrippingB2D0KPi0MergedD2HHBeauty2CharmLineDecision	3936	0.0286
StrippingB2D0KPi0ResolvedD2HHBeauty2CharmLineDecision	74604	0.5428
StrippingB2D0KPiPiD2HHPIDBeauty2CharmLineDecision	15492	0.1127
StrippingB2D0KPiPiD2KSHHDDBeauty2CharmLineDecision	2670	0.0194
StrippingB2D0KPiPiD2KSHHLLBeauty2CharmLineDecision	7090	0.0516
StrippingB2D0KsPiDDD2HHBeauty2CharmLineDecision	3307	0.0241
StrippingB2D0KsPiLLD2HHBeauty2CharmLineDecision	2921	0.0213
StrippingB2D0PiD2HHBeauty2CharmLineDecision	11604	0.0844
StrippingB2D0PiD2HHHHBeauty2CharmLineDecision	8311	0.0605
StrippingB2D0PiD2HHHHWSBeauty2CharmLineDecision	102	0.0007
StrippingB2D0PiD2HHWSBeauty2CharmLineDecision	591	0.0043
StrippingB2D0PiD2KSHHDDBeauty2CharmLineDecision	1158	0.0084
StrippingB2D0PiD2KSHHDDWSBeauty2CharmLineDecision	82	0.0006
StrippingB2D0PiD2KSHHLLBeauty2CharmLineDecision	2901	0.0211

StrippingB2D0PiD2KSHHLLWSBeauty2CharmLineDecision	165	0.0012
StrippingB2D0PiD2Pi0HHMergedBeauty2CharmLineDecision	3100	0.0226
StrippingB2D0PiD2Pi0HHResolvedBeauty2CharmLineDecision	29649	0.2157
StrippingB2D0PiD2Pi0HHWSMergedBeauty2CharmLineDecision	220	0.0016
StrippingB2D0PiD2Pi0HHWSResolvedBeauty2CharmLineDecision	2568	0.0187
StrippingB2D0PiPi0MergedD2HHBeauty2CharmLineDecision	3554	0.0259
StrippingB2D0PiPi0ResolvedD2HHBeauty2CharmLineDecision	72825	0.5298
StrippingB2D0PiPiPiD2HHPIDBeauty2CharmLineDecision	9865	0.0718
StrippingB2D0PiPiPiD2KSHHDDBeauty2CharmLineDecision	1993	0.0145
StrippingB2D0PiPiPiD2KSHHLLBeauty2CharmLineDecision	4076	0.0297
StrippingB2D0st2460D0KBeauty2CharmLineDecision	4659	0.0339
StrippingB2DDKBeauty2CharmLineDecision	12792	0.0931
StrippingB2DDKWSBeauty2CharmLineDecision	295	0.0021
StrippingB2DHHOSD2HHHCFPIDBeauty2CharmLineDecision	14483	0.1054
StrippingB2DKKD2HHHCFPIDBeauty2CharmLineDecision	13031	0.0948
StrippingB2DKPiD2HHHCFPIDBeauty2CharmLineDecision	20271	0.1475
StrippingB2DKSDDD2HHHBeauty2CharmLineDecision	2421	0.0176
StrippingB2DKSLLD2HHHBeauty2CharmLineDecision	2141	0.0156
StrippingB2DPiPiD2HHHCFPIDBeauty2CharmLineDecision	14217	0.1034
StrippingB2Dst2460DKBeauty2CharmLineDecision	3645	0.0265
StrippingB2Dst2460DKWSBeauty2CharmLineDecision	122	0.0009
StrippingB2DstD0Beauty2CharmLineDecision	536	0.0039
StrippingB2DstD0KBeauty2CharmLineDecision	1123	0.0082
StrippingB2DstD0KSDDBeauty2CharmLineDecision	89	0.0006
StrippingB2DstD0KSLLBeauty2CharmLineDecision	231	0.0017
StrippingB2DstD0KWSBeauty2CharmLineDecision	61	0.0004
StrippingB2DstDKBeauty2CharmLineDecision	5760	0.0419
StrippingB2DstDKWSBeauty2CharmLineDecision	165	0.0012
StrippingB2DstDstKBeauty2CharmLineDecision	199	0.0014
StrippingB2DstDstKWSBeauty2CharmLineDecision	6	0.0000
StrippingB2EtacKstNominalLineDecision	32	0.0002
StrippingB2KPhiPhiNominalLineDecision	9613	0.0699
StrippingB2PPbarB2PPbarLineDecision	6000	0.0437
StrippingB2XTau_DD_TISLineDecision	447	0.0033
StrippingB2XTau_DD_TOSLineDecision	1272	0.0093
StrippingB2XTau_DMu_TISLineDecision	237	0.0017
StrippingB2XTau_DMu_TOSLineDecision	2849	0.0207
StrippingB2XTau_TauMu_TISLineDecision	882	0.0064
StrippingB2XTau_TauMu_TOSLineDecision	11510	0.0837
StrippingB2XTau_TauTau_TISLineDecision	1697	0.0123
StrippingB2XTau_TauTau_TOSLineDecision	11068	0.0805
StrippingB2fourbodyLineDecision	6122	0.0445
StrippingB2hhLTUnbiasedDetachedLooseLineDecision	2234	0.0163
StrippingB2hhLTUnbiasedDetachedNeuroBayesLineDecision	1341	0.0098
StrippingB2hhLTUnbiasedLooseLineDecision	13800	0.1004
StrippingB2hhLTUnbiasedNeuroBayesLineDecision	5347	0.0389
StrippingB2hhh_KKK_inclLineDecision	16756	0.1219
StrippingB2hhh_pph_inclLineDecision	12967	0.0943
StrippingB2threebodyLineDecision	8003	0.0582
StrippingB2twobodyLineDecision	4762	0.0346

StrippingBetaSBs2ChicPhi_Chic2KKPiPiNominalLineDecision	114	0.0008
StrippingBetaSBs2ChicPhi_Chic2PiPiPiPiNominalLineDecision	123	0.0009
StrippingBetaSBs2EtacPhiNominalLineDecision	45	0.0003
StrippingBs2Q2Body4KLineDecision	21606	0.1572
StrippingBsPhiRhoLineDecision	42702	0.3107
StrippingLb2D0PHD02HHBeauty2CharmLineDecision	34473	0.2508
StrippingLb2LcDD2HHHPIDBeauty2CharmLineDecision	6672	0.0485
StrippingLb2LcDWS2HHHPIDBeauty2CharmLineDecision	473	0.0034
StrippingLb2LcDstDstar2D0PiPIDBeauty2CharmLineDecision	352	0.0026
StrippingLb2LcDstWSDstar2D0PiPIDBeauty2CharmLineDecision	24	0.0002
StrippingLb2LcKKPiLc2PKPiBeauty2CharmLineDecision	8079	0.0588
StrippingLb2LcKKPiWSLc2PKPiBeauty2CharmLineDecision	551	0.0040
StrippingLb2LcKLc2PKPiBeauty2CharmLineDecision	7516	0.0547
StrippingLb2LcKPiPiLc2PKPiBeauty2CharmLineDecision	10236	0.0745
StrippingLb2LcKPiPiWSLc2PKPiBeauty2CharmLineDecision	741	0.0054
StrippingLb2LcKWSLc2PKPiBeauty2CharmLineDecision	527	0.0038
StrippingLb2LcPiLc2PKPiBeauty2CharmLineDecision	6592	0.0480
StrippingLb2LcPiPiPiLc2PKPiBeauty2CharmLineDecision	7727	0.0562
StrippingLb2LcPiPiPiWSLc2PKPiBeauty2CharmLineDecision	567	0.0041
StrippingLb2LcPiWSLc2PKPiBeauty2CharmLineDecision	487	0.0035
StrippingLb2LcppbarKLc2PKPiBeauty2CharmLineDecision	6389	0.0465
StrippingLb2LcppbarKWSLc2PKPiBeauty2CharmLineDecision	482	0.0035
StrippingLb2LcppbarPiLc2PKPiBeauty2CharmLineDecision	11213	0.0816
StrippingLb2LcppbarPiWSLc2PKPiBeauty2CharmLineDecision	755	0.0055
StrippingLb2V0hhDDLLineDecision	6890	0.0501
StrippingLb2V0hhLLLineDecision	4088	0.0297
StrippingLb2XicKWSXic2PKPiBeauty2CharmLineDecision	675	0.0049
StrippingLb2XicKXic2PKPiBeauty2CharmLineDecision	8790	0.0639
StrippingLb2XicPiWSXic2PKPiBeauty2CharmLineDecision	575	0.0042
StrippingLb2XicPiXic2PKPiBeauty2CharmLineDecision	7872	0.0573
StrippingSb02DPD2HHHPIDBeauty2CharmLineDecision	13864	0.1009
StrippingSb02DPWSD2HHHPIDBeauty2CharmLineDecision	1026	0.0075
StrippingSb2D0PD2HHHPIDBeauty2CharmLineDecision	9019	0.0656
StrippingX2LcLcBeauty2CharmLineDecision	1536	0.0112
StrippingX2LcLcWSBeauty2CharmLineDecision	127	0.0009

Semileptonic

Line	Events	Retention(%)
StrippingStreamSemileptonicDecision	154205	1.1219
StrippingB0q2DplusMuXMC09Decision	6882	0.0501
StrippingB0q2DplusMuXPreselDecision	5367	0.0390
StrippingB0q2DplusMuXTunedDecision	8813	0.0641
StrippingB2XuMuNuBs2KLineDecision	8036	0.0585
StrippingB2XuMuNuBs2KSSLLineDecision	8076	0.0588
StrippingB2XuMuNuBs2KstarLLLineDecision	4165	0.0303
StrippingB2XuMuNuBs2KstarLLSSLLineDecision	2589	0.0188
StrippingB2XuMuNuBu2KshOSMuLineDecision	5483	0.0399
StrippingB2XuMuNuBu2KshSSMuLineDecision	5568	0.0405
StrippingB2XuMuNuBu2RhoLineDecision	6123	0.0445

StrippingB2XuMuNuBu2RhoSBLLineDecision	5601	0.0407
StrippingB2XuMuNuBu2RhoWSLineDecision	3499	0.0255
StrippingBd2DstarMuNuLooseDecision	4714	0.0343
StrippingBd2DstarMuNuTightDecision	9159	0.0666
Strippingb2D0MuXB2DMuNuXLineDecision	10655	0.0775
Strippingb2D0MuXK3PiB2DMuNuXLineDecision	2777	0.0202
Strippingb2D0MuXKKB2DMuNuXLineDecision	11799	0.0858
Strippingb2D0MuXKpiDCSB2DMuNuXLineDecision	5602	0.0408
Strippingb2D0MuXpibiB2DMuNuXLineDecision	10797	0.0786
Strippingb2DpMuXB2DMuNuXLineDecision	13689	0.0996
Strippingb2DsMuXB2DMuNuXLineDecision	15947	0.1160
Strippingb2DsMuXPhiPiB2DMuNuXLineDecision	21533	0.1567
Strippingb2DsPi_PhiPi_fakesB2DMuNuXLineDecision	6397	0.0465
Strippingb2LcMuXB2DMuNuXLineDecision	10363	0.0754

Line	Events	Retention(%)
StrippingStreamBhadronCompleteEventDecision	282050	2.0520
StrippingB02DKD2HHHBeauty2CharmLineDecision	18476	0.1344
StrippingB02DKD2KSHDDBeauty2CharmLineDecision	603	0.0044
StrippingB02DKD2KSHLLBeauty2CharmLineDecision	1006	0.0073
StrippingB02DKD2Pi0HHHMergedBeauty2CharmLineDecision	1129	0.0082
StrippingB02DKD2Pi0HHHResolvedBeauty2CharmLineDecision	16347	0.1189
StrippingB02DPiD2HHHBeauty2CharmLineDecision	16143	0.1174
StrippingB02DPiD2KSHDDBeauty2CharmLineDecision	567	0.0041
StrippingB02DPiD2KSHLLBeauty2CharmLineDecision	890	0.0065
StrippingB02DPiD2Pi0HHHMergedBeauty2CharmLineDecision	948	0.0069
StrippingB02DPiD2Pi0HHHResolvedBeauty2CharmLineDecision	11317	0.0823
StrippingB02DPiNoIPD2HHHCFPIDBeauty2CharmLineDecision	27631	0.2010
StrippingB02DPiNoIPDs2HHHPIDBeauty2CharmLineDecision	34081	0.2479
StrippingB02DPiWSNoIPD2HHHCFPIDBeauty2CharmLineDecision	2436	0.0177
StrippingB02DPiWSNoIPDs2HHHPIDBeauty2CharmLineDecision	3070	0.0223
StrippingB2D0PiNoIPD2KPIPIDBeauty2CharmLineDecision	30350	0.2208
StrippingB2HHPi0_MDecision	5335	0.0388
StrippingB2HHPi0_RDecision	10032	0.0730
StrippingB2KShhDDLLineDecision	12598	0.0917
StrippingB2KShhLLLLineDecision	7255	0.0528
StrippingBd2JPsiKstForBetaSBs2KstKstLineDecision	767	0.0056
StrippingBetaSBs2K0stK0stNominalLineDecision	16851	0.1226
StrippingBetaSBs2KstKstNominalLineDecision	11270	0.0820
StrippingBetaSBs2KstKstSameChargeLineDecision	11125	0.0809
StrippingBetaSBs2PhiKstNominalLineDecision	9379	0.0682
StrippingBetaSBs2PhiPhiLineDecision	19443	0.1415
StrippingBetaSBs2PhiPhiWideLineDecision	3486	0.0254
StrippingBetaSBs2Q2Body4piLineDecision	23815	0.1733
StrippingBetaSQ2B3piSelectionLineDecision	22979	0.1672
StrippingBetaSQ2B4piSelectionLineDecision	21810	0.1587
StrippingBs2KSKSLLLLineDecision	292	0.0021
StrippingDoubleTopoLineDecision	13611	0.0990
StrippingHb2Charged2BodyB2Charged2BodyLineDecision	9041	0.0658

StrippingHb2Charged2BodyB2KPlusPiMinusLineDecision	9040	0.0658
StrippingHb2Charged2BodyB2PiPlusKMinusLineDecision	9040	0.0658
StrippingHb2Charged2BodyBs2KK_NoIPCutOnBLineDecision	35916	0.2613
StrippingHb2Charged2BodyBs2KPlusKMinusLineDecision	9041	0.0658
StrippingHb2Charged2BodyLb2KPlusPMinusLineDecision	9040	0.0658
StrippingHb2Charged2BodyLb2PPlusKMinusLineDecision	9040	0.0658
StrippingHb2Charged2BodyLb2PPlusPiMinusLineDecision	9040	0.0658
StrippingHb2Charged2BodyLb2PiPlusPMinusLineDecision	9041	0.0658
StrippingLb2LcPiNoIPLc2PKPiBeauty2CharmLineDecision	13544	0.0985
StrippingLb2LcPiNoIPWSLc2PKPiBeauty2CharmLineDecision	1241	0.0090

Leptonic

Line	Events	Retention(%)
StrippingStreamLeptonicDecision	628053	4.5693
StrippingB2Psi2KForB2psiXDecision	594	0.0043
StrippingB2Psi2PiForB2psiXDecision	626	0.0046
StrippingB2Psi3KForB2psiXDecision	385	0.0028
StrippingB2Psi3KPiForB2psiXDecision	1100	0.0080
StrippingB2Psi3PiForB2psiXDecision	273	0.0020
StrippingB2Psi4KForB2psiXDecision	4	0.0000
StrippingB2Psi4KPiForB2psiXDecision	48	0.0003
StrippingB2Psi4PiForB2psiXDecision	3	0.0000
StrippingB2Psi5KPiForB2psiXDecision	14	0.0001
StrippingB2Psi5PiForB2psiXDecision	2	0.0000
StrippingB2Psi6KPiForB2psiXDecision	14	0.0001
StrippingB2Psi6PiForB2psiXDecision	2	0.0000
StrippingB2PsiEta23piForB2psiX0Decision	53	0.0004
StrippingB2PsiEta2ggForB2psiX0Decision	559	0.0041
StrippingB2PsiEta2pipietaForB2psiX0Decision	240	0.0017
StrippingB2PsiEta2rhogForB2psiX0Decision	487	0.0035
StrippingB2PsiKForB2psiXDecision	1856	0.0135
StrippingB2PsiKPiForB2psiXDecision	1100	0.0080
StrippingB2PsiKstForB2psiXDecision	657	0.0048
StrippingB2PsiOmegaForB2psiX0Decision	250	0.0018
StrippingB2PsiPiForB2psiXDecision	1695	0.0123
StrippingBc2JpsiHLineDecision	3597	0.0262
StrippingBc2JpsiMuLineDecision	9418	0.0685
StrippingBuToKX3872_BuToKPsi2SLineDecision	765	0.0056
StrippingBuToKX3872_BuToKPsi2SLooseLineDecision	1991	0.0145
StrippingBuToKX3872_BuToKX3872LineDecision	1176	0.0086
StrippingBuToKX3872_BuToKX3872LooseLineDecision	6916	0.0503
StrippingChiAndDiMuonForCharmAssociativeDecision	8511	0.0619
StrippingChiCJpsiGammaConversionChiCConversionLineDecision	8474	0.0617
StrippingChiCJpsiGammaConversionChiCConversionLineWSDecision	9443	0.0687
StrippingDiChiForCharmAssociativeDecision	8099	0.0589
StrippingDiMuonAndGammaForCharmAssociativeDecision	30220	0.2199
StrippingDoubleDiMuonForCharmAssociativeDecision	8571	0.0624
StrippingMicroSTDiElectronBiasedIncDiElectronLineDecision	44840	0.3262
StrippingMicroSTDiElectronIncDiElectronLineDecision	32317	0.2351

StrippingMicroDSTDiMuonDiMuonIncLineDecision	466006	3.3903
StrippingMicroDSTDiMuonDiMuonPrescaledLineDecision	88550	0.6442
StrippingMicroDSTDiMuonDiMuonSameSignLineDecision	10361	0.0754
StrippingMicroDSTDiMuonJpsi2MuMuLineDecision	143282	1.0424
StrippingMicroDSTDiMuonPsi2MuMuLineDecision	38077	0.2770
StrippingMicroDSTNeuroBayesMuMuJPsiNBLLineDecision	22229	0.1617
StrippingMicroDSTNeuroBayesMuMuMuMuHighNBLLineDecision	2257	0.0164
StrippingMicroDSTNeuroBayesMuMuMuMuNBLLineDecision	15863	0.1154
StrippingX2psiGammaLineDecision	75509	0.5494
StrippingX2psiKKLineDecision	20953	0.1524
StrippingX2psiKKSSLLineDecision	4409	0.0321
StrippingX2psiPiPiLineDecision	56058	0.4078
StrippingX2psiPiPiSSLLineDecision	11460	0.0834

PID

Line	Events	Retention(%)
StrippingStreamPIDDecision	501291	3.6470
StrippingJpsi2eeForElectronIDBu2JpsiKLineDecision	8481	0.0617
StrippingJpsi2eeForElectronIDJpsiLineDecision	7773	0.0566
StrippingK0SDDLLineV0ForPIDDecision	42266	0.3075
StrippingK0SLLLLineV0ForPIDDecision	52446	0.3816
StrippingLam0DDIsMUONLineV0ForPIDDecision	24786	0.1803
StrippingLam0DDLLineV0ForPIDDecision	36430	0.2650
StrippingLam0LLIsMUONLine1V0ForPIDDecision	23456	0.1706
StrippingLam0LLIsMUONLine2V0ForPIDDecision	1926	0.0140
StrippingLam0LLLLine1V0ForPIDDecision	69044	0.5023
StrippingLam0LLLLine2V0ForPIDDecision	41938	0.3051
StrippingMuIDCalib_FromLambdaDecayDecision	22595	0.1644
StrippingMuIDCalib_JpsiFromBNoPIDDecision	21716	0.1580
StrippingMuIDCalib_JpsiFromBNoPIDNoMipDecision	115957	0.8436
StrippingMuIDCalib_JpsiKFromBNoPIDNoMipDecision	14613	0.1063
StrippingNoPIDstarWithD02RSKPiLineDecision	73964	0.5381

Dimuon

Line	Events	Retention(%)
StrippingStreamDimuonDecision	423484	3.0810
StrippingA1MuMuA1MuMuLineDecision	2675	0.0195
StrippingA1MuMuA1MuMuSameSignLineDecision	980	0.0071
StrippingB2JpsiKshhDDLLineDecision	2221	0.0162
StrippingB2JpsiKshhLLLLineDecision	757	0.0055
StrippingB2KstMuMu_B2MuMuXLineDecision	6409	0.0466
StrippingB2KstMuMu_B2MuMuX_ssLineDecision	1958	0.0142
StrippingB2MuMuGammaHighMassLineDecision	6430	0.0468
StrippingB2MuMuGammaLineDecision	7765	0.0565
StrippingB2MuMuGammaLowMassLineDecision	5958	0.0433
StrippingB2MuMuGamma_ssLineDecision	2848	0.0207
StrippingB2MuMuMuMuLineDecision	526	0.0038
StrippingB2MuMuMuMuLinesLineDecision	60	0.0004

StrippingStatisticsStripping19Run114753TrChi2ByStream < LHCb < TWiki

StrippingB2PhiMuMu_B2MuMuXLineDecision	965	0.0070
StrippingB2PhiMuMu_B2MuMuX_ssLineDecision	246	0.0018
StrippingB2RhoMuMu_B2MuMuXLineDecision	5216	0.0379
StrippingB2RhoMuMu_B2MuMuX_ssLineDecision	1636	0.0119
StrippingB2XMuMuSS_KOSLineDecision	8285	0.0603
StrippingB2XMuMuSS_KSSLLineDecision	3116	0.0227
StrippingB2XMuMuSS_PiOSLineDecision	7387	0.0537
StrippingB2XMuMuSS_PiSSLLineDecision	2839	0.0207
StrippingB2XMuMu_LineDecision	10579	0.0770
StrippingBc2JpsiHDetachedLineDecision	1991	0.0145
StrippingBd2KstarMuMu_BdToKstarMuMuLineDecision	5755	0.0419
StrippingBd2KstarMuMu_BdToKstarMuMuLowPLLineDecision	1487	0.0108
StrippingBd2KstarMuMu_BdToKstarMuMuSSLLineDecision	3378	0.0246
StrippingBd2KstarMuMu_BdToKstarMuMuSSLowPLLineDecision	1236	0.0090
StrippingBd2KstarMuMu_BuToKMuMuLineDecision	3768	0.0274
StrippingBd2KstarMuMu_BuToKMuMuSSLLineDecision	2409	0.0175
StrippingBd2MuMuKPiBDTLineDecision	32112	0.2336
StrippingBd2MuMuKstarBDTLineDecision	18706	0.1361
StrippingBetaSBd2JpsiKsDetachedLineDecision	704	0.0051
StrippingBetaSBd2JpsiKsLDDetachedLineDecision	352	0.0026
StrippingBetaSBd2JpsiKsPrescaledLineDecision	1725	0.0125
StrippingBetaSBd2JpsiKstarDetachedLineDecision	9118	0.0663
StrippingBetaSBd2JpsiKstarPrescaledLineDecision	3769	0.0274
StrippingBetaSBd2JpsiPi0DetachedLineDecision	5078	0.0369
StrippingBetaSBs2JpsiEtaDetachedLineDecision	3542	0.0258
StrippingBetaSBs2JpsiEtaPrescaledLineDecision	4576	0.0333
StrippingBetaSBs2JpsiKstarLineDecision	2911	0.0212
StrippingBetaSBs2JpsiPhiDetachedLineDecision	4831	0.0351
StrippingBetaSBs2JpsiPhiPrescaledLineDecision	8245	0.0600
StrippingBetaSBs2Jpsif0LineDecision	7971	0.0580
StrippingBetaSBu2JpsiKDetachedLineDecision	9189	0.0669
StrippingBetaSBu2JpsiKNoPIDDetachedLineDecision	6899	0.0502
StrippingBetaSBu2JpsiKPrescaledLineDecision	6686	0.0486
StrippingBetaSJpsi2MuMuDetachedLineDecision	5160	0.0375
StrippingBetaSJpsi2MuMuLineDecision	3736	0.0272
StrippingBetaSLambdab2JpsiLambdaUnbiasedLineDecision	6450	0.0469
StrippingBetaSLambdab2JpsippiDetachedLineDecision	4394	0.0320
StrippingBetaSPsi2SMuMu_Bd2Psi2SKsMuMuDetatchedLineDecision	261	0.0019
StrippingBetaSPsi2SMuMu_Bd2Psi2SKsMuMuPrescaledLineDecision	998	0.0073
StrippingBetaSPsi2SMuMu_Bd2Psi2SKstarMuMuDetatchedLineDecision	6237	0.0454
StrippingBetaSPsi2SMuMu_Bd2Psi2SKstarMuMuPrescaledLineDecision	2255	0.0164
StrippingBetaSPsi2SMuMu_Bs2Psi2SPhiMuMuDetatchedLineDecision	1906	0.0139
StrippingBetaSPsi2SMuMu_Bs2Psi2SPhiMuMuPrescaledLineDecision	3520	0.0256
StrippingBetaSPsi2SMuMu_Bu2Psi2SKMuMuDetatchedLineDecision	3057	0.0222
StrippingBetaSPsi2SMuMu_Bu2Psi2SKMuMuPrescaledLineDecision	3003	0.0218
StrippingBetaSPsi2SMuMu_InclPsi2SToMuMuDetatchedLineDecision	5469	0.0398
StrippingBetaSPsi2SMuMu_InclPsi2SToMuMuLineDecision	3494	0.0254
StrippingBetaSPsi2S_Bd2Psi2SKsJpsiPiPiLineDecision	691	0.0050
StrippingBetaSPsi2S_Bd2Psi2SKstarJpsiPiPiLineDecision	11483	0.0835
StrippingBetaSPsi2S_Bs2Psi2SPhiJpsiPiPiLineDecision	6796	0.0494

StrippingStatisticsStripping19Run114753TrChi2ByStream < LHCb < TWiki

StrippingBetaSPsi2S_Bu2Psi2SKJpsiPiPiLineDecision	10452	0.0760
StrippingBetaSPsi2S_InclPsi2SToJpsiPiPiLineDecision	9379	0.0682
StrippingBs2MuMuLinesBd2JPsiKstLineDecision	2963	0.0216
StrippingBs2MuMuLinesBs2JPsiPhiLineDecision	97	0.0007
StrippingBs2MuMuLinesBu2JPsiKLineDecision	1223	0.0089
StrippingBs2MuMuLinesNoMuIDLineDecision	13941	0.1014
StrippingBs2MuMuLinesNoMuIDLoseLineDecision	5147	0.0374
StrippingBs2MuMuLinesWideMassLineDecision	337	0.0025
StrippingBs2MuMuPhiLineDecision	802	0.0058
StrippingBs2PhiMuMuBs2PhiMuMuLineDecision	1453	0.0106
StrippingBs2f0MuMuBs2PhiMuMuLineDecision	7440	0.0541
StrippingBu2LLK_eeLineDecision	703	0.0051
StrippingBu2LLK_mmLineDecision	1677	0.0122
StrippingBuToK1MuMu_BuToK1MuMuLineDecision	451	0.0033
StrippingBuToK1MuMu_BuToK1MuMuSSLLineDecision	245	0.0018
StrippingD2MuMuMuMuLineDecision	24	0.0002
StrippingDplus2PiMuMuForHyperCPDecision	5587	0.0406
StrippingFullDSTDiMuonDiMuonDetachedLineDecision	0	0.0000
StrippingFullDSTDiMuonDiMuonExclusiveLineDecision	0	0.0000
StrippingFullDSTDiMuonDiMuonHighMassLineDecision	13416	0.0976
StrippingFullDSTDiMuonDiMuonHighMassSameSignLineDecision	1058	0.0077
StrippingFullDSTDiMuonDiMuonLowMassLineDecision	0	0.0000
StrippingFullDSTDiMuonDiMuonNoPVLLineDecision	458	0.0033
StrippingFullDSTDiMuonJpsi2MuMuDetachedLineDecision	40243	0.2928
StrippingFullDSTDiMuonJpsi2MuMuTOSLineDecision	81883	0.5957
StrippingFullDSTDiMuonPsi2MuMuDetachedLineDecision	5931	0.0431
StrippingFullDSTDiMuonPsi2MuMuTOSLineDecision	6163	0.0448
StrippingHeavyBaryonOmegab2JpsiOmegaDecision	197	0.0014
StrippingHeavyBaryonXib2JpsiXiDecision	229	0.0017
StrippingHeavyBaryonXibzero2JpsiXistarDecision	272	0.0020
StrippingInflaton2MuMuLongLineDecision	19840	0.1443
StrippingInflaton2MuMu_Bd2InflatonKstDecision	4384	0.0319
StrippingInflaton2MuMu_Bs2InflatonPhiDecision	652	0.0047
StrippingInflaton2MuMu_Bu2InflatonKDecision	3801	0.0277
StrippingJpsiMuMuforD0MuMuLineDecision	2972	0.0216
StrippingKS02MuMuLineDecision	9435	0.0686
StrippingKS02MuMuNoMuIDLineDecision	743	0.0054
StrippingLFVLinesB2eMuLineDecision	360	0.0026
StrippingLFVLinesB2eeLineDecision	220	0.0016
StrippingLFVLinesB2heMuLineDecision	1448	0.0105
StrippingLFVLinesB2pMuLineDecision	9141	0.0665
StrippingLFVLinesTau2PhiMuLineDecision	6883	0.0501
StrippingLFVLinesTau2eMuMuLineDecision	7596	0.0553
StrippingSigma2PMuMuForHyperCPDecision	405	0.0029
StrippingTau23MuDs23PiLineDecision	4601	0.0335
StrippingTau23MuDs23PiTISLineDecision	5108	0.0372
StrippingTau23MuDs2PhiPiLineDecision	4776	0.0347
StrippingTau23MuTau23MuLineDecision	8355	0.0608
StrippingTau23MuTau25MuLineDecision	23	0.0002
StrippingTau2PMuMuTau2PMuMuOSDecision	2394	0.0174

StrippingTau2PMuMuTau2PMuMuSSDecision	4354	0.0317
StrippingTriMuonBc2ThreeMuDecision	6920	0.0503
StrippingTriMuonThreeMuonsDecision	5823	0.0424
StrippingVeryDetachedJpsiLineDecision	9863	0.0718
StrippingXibcX2JpsiProtonDecision	23272	0.1693
StrippingXibcXibc2LcJpsiDecision	21497	0.1564
StrippingXibcXibc2XicJpsiDecision	4374	0.0318

Calibration

Line	Events	Retention(%)
StrippingStreamCalibrationDecision	87558	0.6370
StrippingBeamGasLineDecision	3304	0.0240
StrippingD02KPiPi0_MDDecision	18464	0.1343
StrippingD02KPiPi0_RDecision	34661	0.2522
StrippingTrackEffDownMuonNominalLineDecision	15248	0.1109
StrippingTrackEffDownMuonValidationLineDecision	6065	0.0441
StrippingTrackEffMuonTT_BJpsiKLine1Decision	93	0.0007
StrippingTrackEffMuonTT_BJpsiKLine2Decision	94	0.0007
StrippingTrackEffMuonTT_JpsiLine1Decision	3979	0.0289
StrippingTrackEffMuonTT_JpsiLine2Decision	4025	0.0293
StrippingTrackEffMuonTT_UpsilonLine1Decision	7	0.0001
StrippingTrackEffMuonTT_UpsilonLine2Decision	10	0.0001
StrippingTrackEffMuonTT_ZLine1Decision	25	0.0002
StrippingTrackEffMuonTT_ZLine2Decision	33	0.0002
StrippingTrackEffVeloMuonLine1Decision	1566	0.0114
StrippingTrackEffVeloMuonLine2Decision	1502	0.0109

Radiative

Line	Events	Retention(%)
StrippingStreamRadiativeDecision	90452	0.6581
StrippingB2KstarGamma_B2VG_LineDecision	1917	0.0139
StrippingB2KstarIsoGamma_B2VG_LineDecision	2617	0.0190
StrippingB2KstarKSDDGamma_B2VPG_LineDecision	327	0.0024
StrippingB2KstarKSLGamma_B2VPG_LineDecision	269	0.0020
StrippingB2KstarPhiGamma_B2VVG_LineDecision	147	0.0011
StrippingB2KstarPi0GammaMerged_B2VPG_LineDecision	1820	0.0132
StrippingB2KstarPi0GammaResolved_B2VPG_LineDecision	6850	0.0498
StrippingB2KstarPiGamma_B2VPG_LineDecision	3697	0.0269
StrippingB2OmegaGammaHHH_B2VG_LineDecision	199	0.0014
StrippingB2OmegaGammaHH_B2VG_LineDecision	203	0.0015
StrippingB2PhiGamma_B2VG_LineDecision	219	0.0016
StrippingB2PhiKGamma_B2VPG_LineDecision	569	0.0041
StrippingB2PhiKSGammaDD_B2VPG_LineDecision	30	0.0002
StrippingB2PhiKSGammaLL_B2VPG_LineDecision	30	0.0002
StrippingB2PhiPi0GammaMerged_B2VPG_LineDecision	272	0.0020
StrippingB2PhiPi0GammaResolved_B2VPG_LineDecision	951	0.0069
StrippingB2RhoGamma_B2VG_LineDecision	1517	0.0110
StrippingB2RhoKSDDGamma_B2VPG_LineDecision	243	0.0018

StrippingB2RhoKSLLGamma_B2VPG_LineDecision	164	0.0012
StrippingBd2JpsieeKstarBDTLineDecision	20019	0.1456
StrippingBd2JpsieeKstarLineDecision	12347	0.0898
StrippingBd2eeKstarBDTLineDecision	24307	0.1768
StrippingBd2eeKstarLineDecision	11042	0.0803
StrippingBetaSBs2JpsieePhiDetachedLineDecision	5877	0.0428
StrippingBetaSBs2JpsieePhiLineDecision	816	0.0059
StrippingBs2KstarKstarGamma_B2VVG_LineDecision	626	0.0046
StrippingBs2KstarPhiGamma_B2VVG_LineDecision	147	0.0011
StrippingBs2PhiPhiGamma_B2VVG_LineDecision	5	0.0000
StrippingFullDSTDiElectronBiasedIncDiElectronLineDecision	4803	0.0349
StrippingFullDSTDiElectronBiasedIncDiElectronLowMassLineDecision	1346	0.0098
StrippingFullDSTDiElectronDiElectronLowMassLineDecision	869	0.0063
StrippingFullDSTDiElectronIncDiElectronLineDecision	3035	0.0221
StrippingFullDSTDiElectronJpsi2eeLineDecision	1466	0.0107
StrippingLb2PKGammaLb2PKGammaLineDecision	65	0.0005
StrippingLb2PPiGammaLb2PPiGammaLineDecision	0	0.0000

Charm

Line	Events	Retention(%)
StrippingStreamCharmDecision	1831139	13.3221
StrippingCcbar2BaryonsJpsi2DiLambdaLineDecision	3563	0.0259
StrippingCcbar2BaryonsJpsi2DiXiLineDecision	140	0.0010
StrippingCcbar2PhiPhiDetachedLineDecision	54156	0.3940
StrippingCcbar2PhiPhiLineDecision	49735	0.3618
StrippingCcbar2PpbarDetachedLineDecision	24214	0.1762
StrippingCcbar2PpbarExclusiveLineDecision	1374	0.0100
StrippingCcbar2PpbarLineDecision	24979	0.1817
StrippingCharmForVubPrescaledKstarMuNuLineDecision	13185	0.0959
StrippingCharmForVubPrescaledPiMuNuLineDecision	21204	0.1543
StrippingCharmForVubPrescaledRhoMuNuLineDecision	18108	0.1317
StrippingCharmedAndCharmedStrangeSpectroscopy_D0KDecision	0	0.0000
StrippingCharmedAndCharmedStrangeSpectroscopy_D0PipDecision	0	0.0000
StrippingCharmedAndCharmedStrangeSpectroscopy_DpKsDecision	0	0.0000
StrippingCharmedAndCharmedStrangeSpectroscopy_DpPDecision	16852	0.1226
StrippingCharmedAndCharmedStrangeSpectroscopy_DpPimDecision	0	0.0000
StrippingCharmedAndCharmedStrangeSpectroscopy_DsKmDecision	21039	0.1531
StrippingCharmedAndCharmedStrangeSpectroscopy_DsKsDecision	3630	0.0264
StrippingCharmedAndCharmedStrangeSpectroscopy_DstarD02K3PiKsDecision	1322	0.0096
StrippingCharmedAndCharmedStrangeSpectroscopy_DstarpKsDecision	22855	0.1663
StrippingCharmedAndCharmedStrangeSpectroscopy_DstarpPimDecision	0	0.0000
StrippingCharmedAndCharmedStrangeSpectroscopy_DzPDecision	24074	0.1751
StrippingChiAndCharmForPromptCharmDecision	2103	0.0153
StrippingD02HHForPromptCharmDecision	289011	2.1026
StrippingD02MuMuClbrD02PiPiLineDecision	62684	0.4560
StrippingD02MuMuClbrDstD02PiPiLineDecision	16855	0.1226
StrippingD02MuMuDstLineDecision	1057	0.0077
StrippingD02MuMuLineDecision	5034	0.0366
StrippingD2KS0HKAonLineDDDDecision	102797	0.7479

StrippingStatisticsStripping19Run114753TrChi2ByStream < LHCb < TWiki

StrippingD2KS0HKAonLineDecision	15622	0.1137
StrippingD2KS0HPionLineDDDecision	64665	0.4705
StrippingD2KS0HPionLineDecision	12512	0.0910
StrippingD2XMuMuMicro_2KPiLineDecision	9302	0.0677
StrippingD2XMuMuMicro_K2PiLineDecision	4779	0.0348
StrippingD2XMuMuMicro_K3PiLineDecision	1632	0.0119
StrippingD2XMuMuMicro_KKLineDecision	0	0.0000
StrippingD2XMuMuMicro_KKPiPiLineDecision	902	0.0066
StrippingD2XMuMuMicro_KOSLineDecision	0	0.0000
StrippingD2XMuMuMicro_KSSLLineDecision	0	0.0000
StrippingD2XMuMuMicro_PiCaLineDecision	0	0.0000
StrippingD2XMuMuMicro_PiOSLineDecision	0	0.0000
StrippingD2XMuMuMicro_PiPiLineDecision	0	0.0000
StrippingD2XMuMuMicro_PiSSLLineDecision	0	0.0000
StrippingD2hhh_HHHIncLineDecision	72689	0.5288
StrippingD2hhh_KKKLineDecision	6995	0.0509
StrippingD2hhh_KKPLineDecision	102183	0.7434
StrippingD2hhh_KKPosLineDecision	12610	0.0917
StrippingD2hhh_KPPLineDecision	255637	1.8598
StrippingD2hhh_KPPosLineDecision	103057	0.7498
StrippingD2hhh_PPPLineDecision	94347	0.6864
StrippingDForPromptCharmDecision	160256	1.1659
StrippingDiCharmForPromptCharmDecision	987	0.0072
StrippingDiMuonAndCharmForPromptCharmDecision	3574	0.0260
StrippingDsForPromptCharmDecision	23485	0.1709
StrippingDsPsiForPromptCharmDecision	1465	0.0107
StrippingDstarD02KMuNuPrescaledRSLLineDecision	126157	0.9178
StrippingDstarD02KMuNuPrescaledWSLineDecision	27829	0.2025
StrippingDstarD2hhpi0PromptDst2D2KKPi0MLineDecision	671	0.0049
StrippingDstarD2hhpi0PromptDst2D2KKPi0MSSLLineDecision	1209	0.0088
StrippingDstarD2hhpi0PromptDst2D2KKPi0RLLineDecision	2207	0.0161
StrippingDstarD2hhpi0PromptDst2D2KKPi0RSSLLineDecision	3242	0.0236
StrippingDstarD2hhpi0PromptDst2D2PiPiPi0MLineDecision	1211	0.0088
StrippingDstarD2hhpi0PromptDst2D2PiPiPi0MSSLLineDecision	2077	0.0151
StrippingDstarD2hhpi0PromptDst2D2PiPiPi0RLLineDecision	3041	0.0221
StrippingDstarD2hhpi0PromptDst2D2PiPiPi0RSSLLineDecision	5302	0.0386
StrippingDstarD2hhpi0PromptDst2D2RSPi0MLineDecision	1152	0.0084
StrippingDstarD2hhpi0PromptDst2D2RSPi0MSSLLineDecision	2938	0.0214
StrippingDstarD2hhpi0PromptDst2D2RSPi0RLLineDecision	3012	0.0219
StrippingDstarD2hhpi0PromptDst2D2RSPi0RSSLLineDecision	7175	0.0522
StrippingDstarD2hhpi0PromptDst2D2WSPi0MLineDecision	984	0.0072
StrippingDstarD2hhpi0PromptDst2D2WSPi0RLLineDecision	2550	0.0186
StrippingDstarForPromptCharmDecision	91473	0.6655
StrippingDstarPromptWithD02HHHHLLineDecision	34164	0.2486
StrippingDstarPromptWithD02HHHHNoPIDLineDecision	5391	0.0392
StrippingDstarPromptWithD02HHWithD02KKLineDecision	17066	0.1242
StrippingDstarPromptWithD02HHWithD02PiPiLineDecision	11870	0.0864
StrippingDstarPromptWithD02HHWithD02RSKPiLineDecision	49564	0.3606
StrippingDstarPromptWithD02HHWithD02WSKPiLineDecision	17275	0.1257
StrippingLambdaCForPromptCharmDecision	18055	0.1314

StrippingStatisticsStripping19Run114753TrChi2ByStream < LHCb < TWiki

StrippingLambdaCstarForPromptCharmDecision	12084	0.0879
StrippingLambdac2PHHLambdac2PKKLineDecision	8463	0.0616
StrippingLambdac2PHHLambdac2PKPiLineDecision	12029	0.0875
StrippingLambdac2PHHLambdac2PPiKWSLineDecision	10199	0.0742
StrippingLambdac2PHHLambdac2PPiPiLineDecision	16256	0.1183
StrippingPromptD2hhPromptD2KKTISLineDecision	1012	0.0074
StrippingPromptD2hhPromptD2KPiTISLineDecision	1260	0.0092
StrippingPromptD2hhPromptD2PiPiTISLineDecision	333	0.0024
StrippingPromptD2hhPromptDst2D2KKSSLLineDecision	4269	0.0311
StrippingPromptD2hhPromptDst2D2PiPiSSLLineDecision	1850	0.0135
StrippingPromptD2hhPromptDst2D2RSSSSLLineDecision	5305	0.0386
StrippingSigmaCForPromptCharmDecision	16716	0.1216
StrippingX2D0D0LineDecision	27765	0.2020
StrippingXiccControlD0Decision	5076	0.0369
StrippingXiccControlDpDecision	3206	0.0233
StrippingXiccControlDspDecision	0	0.0000
StrippingXiccControlLcDecision	23537	0.1712
StrippingXiccControlXicPlusDecision	12834	0.0934
StrippingXiccControlXicZeroDecision	40192	0.2924
StrippingXiccXiccPlusPlusToD0PKPiDecision	264	0.0019
StrippingXiccXiccPlusPlusToDpPKPiDecision	6250	0.0455
StrippingXiccXiccPlusPlusToDspPDecision	0	0.0000
StrippingXiccXiccPlusPlusToLcKPiPiDecision	5864	0.0427
StrippingXiccXiccPlusPlusToXicPlusPiDecision	1533	0.0112
StrippingXiccXiccPlusPlusToXicZeroPiPiDecision	1178	0.0086
StrippingXiccXiccPlusToD0PKPiDecision	6684	0.0486
StrippingXiccXiccPlusToDpPKDecision	22339	0.1625
StrippingXiccXiccPlusToDspPPiDecision	0	0.0000
StrippingXiccXiccPlusToLcKPiDecision	17033	0.1239
StrippingXiccXiccPlusToXicPlusPiPiDecision	1696	0.0123
StrippingXiccXiccPlusToXicZeroPiDecision	2181	0.0159
Strippingb2D0MuX2K2PiCharmFromBSemiLineDecision	874	0.0064
Strippingb2D0MuX3KPiCharmFromBSemiLineDecision	167	0.0012
Strippingb2D0MuX4PiCharmFromBSemiLineDecision	1049	0.0076
Strippingb2D0MuXK3PiCharmFromBSemiLineDecision	5879	0.0428
Strippingb2D0MuXKKPi0MergedCharmFromBSemiLineDecision	650	0.0047
Strippingb2D0MuXKKPi0ResolvedCharmFromBSemiLineDecision	3948	0.0287
Strippingb2D0MuXKPiPi0MergedCharmFromBSemiLineDecision	3160	0.0230
Strippingb2D0MuXKPiPi0ResolvedCharmFromBSemiLineDecision	11768	0.0856
Strippingb2D0MuXKsKKDDCharmFromBSemiLineDecision	482	0.0035
Strippingb2D0MuXKsKKLLCharmFromBSemiLineDecision	1068	0.0078
Strippingb2D0MuXKsKPiDDCharmFromBSemiLineDecision	1269	0.0092
Strippingb2D0MuXKsKPiLLCharmFromBSemiLineDecision	2828	0.0206
Strippingb2D0MuXKsKs_DDDDCharmFromBSemiLineDecision	187	0.0014
Strippingb2D0MuXKsKs_DDLLCharmFromBSemiLineDecision	187	0.0014
Strippingb2D0MuXKsKs_LLLLCharmFromBSemiLineDecision	187	0.0014
Strippingb2D0MuXKsPiPiDDCharmFromBSemiLineDecision	1456	0.0106
Strippingb2D0MuXKsPiPiLLCharmFromBSemiLineDecision	1542	0.0112
Strippingb2D0MuXPiPiPi0MergedCharmFromBSemiLineDecision	1851	0.0135
Strippingb2D0MuXPiPiPi0ResolvedCharmFromBSemiLineDecision	6924	0.0504

StrippingStatisticsStripping19Run114753TrChi2ByStream < LHCb < TWiki

Strippingb2DsMuXKMumuCharmFromBSemiLineDecision	28	0.0002
Strippingb2DsMuXKsDDKCharmFromBSemiLineDecision	2085	0.0152
Strippingb2DsMuXKsDDPiCharmFromBSemiLineDecision	2686	0.0195
Strippingb2DsMuXKsLLKCharmFromBSemiLineDecision	1386	0.0101
Strippingb2DsMuXKsLLPiCharmFromBSemiLineDecision	1781	0.0130
Strippingb2DsMuXPiMuMuCharmFromBSemiLineDecision	47	0.0003
Strippingb2DstarMuX2K2PiCharmFromBSemiLineDecision	167	0.0012
Strippingb2DstarMuX3KPiCharmFromBSemiLineDecision	37	0.0003
Strippingb2DstarMuX4PiCharmFromBSemiLineDecision	190	0.0014
Strippingb2DstarMuXK3PiCharmFromBSemiLineDecision	1262	0.0092
Strippingb2DstarMuXKKPi0MergedCharmFromBSemiLineDecision	75	0.0005
Strippingb2DstarMuXKKPi0ResolvedCharmFromBSemiLineDecision	289	0.0021
Strippingb2DstarMuXKPiPi0MergedCharmFromBSemiLineDecision	440	0.0032
Strippingb2DstarMuXKPiPi0ResolvedCharmFromBSemiLineDecision	927	0.0067
Strippingb2DstarMuXKsKKDDCharmFromBSemiLineDecision	59	0.0004
Strippingb2DstarMuXKsKKLLCharmFromBSemiLineDecision	191	0.0014
Strippingb2DstarMuXKsKPiDDCharmFromBSemiLineDecision	167	0.0012
Strippingb2DstarMuXKsKPiLLCharmFromBSemiLineDecision	534	0.0039
Strippingb2DstarMuXKsKs_DDDDCharmFromBSemiLineDecision	27	0.0002
Strippingb2DstarMuXKsKs_DDLLCharmFromBSemiLineDecision	27	0.0002
Strippingb2DstarMuXKsKs_LLLLCharmFromBSemiLineDecision	27	0.0002
Strippingb2DstarMuXKsPiPiDDCharmFromBSemiLineDecision	255	0.0019
Strippingb2DstarMuXKsPiPiLLCharmFromBSemiLineDecision	326	0.0024
Strippingb2DstarMuXPiPiPi0MergedCharmFromBSemiLineDecision	243	0.0018
Strippingb2DstarMuXPiPiPi0ResolvedCharmFromBSemiLineDecision	412	0.0030
Strippingb2Lc2pKKMuXCharmFromBSemiLineDecision	4033	0.0293
Strippingb2Lc2pPiPiMuXCharmFromBSemiLineDecision	9625	0.0700
Strippingb2LcDCSMuXCharmFromBSemiLineDecision	7370	0.0536
Strippingb2LcMuXCharmFromBSemiLineDecision	10142	0.0738
Strippingb2MuXLc2L0DDKCharmFromBSemiLineDecision	345	0.0025
Strippingb2MuXLc2L0DDPiCharmFromBSemiLineDecision	413	0.0030
Strippingb2MuXLc2L0LLKCharmFromBSemiLineDecision	440	0.0032
Strippingb2MuXLc2L0LLPiCharmFromBSemiLineDecision	589	0.0043

EW

Line	Events	Retention(%)
StrippingStreamEWDecision	176361	1.2831
StrippingDY2MuMuLine1Decision	3302	0.0240
StrippingDY2MuMuLine1HltDecision	4297	0.0313
StrippingDY2MuMuLine2Decision	2771	0.0202
StrippingDY2MuMuLine2HltDecision	3920	0.0285
StrippingDY2MuMuLine3Decision	5264	0.0383
StrippingDY2MuMuLine4Decision	486	0.0035
StrippingDY2eeLine3Decision	12755	0.0928
StrippingDY2eeLine4Decision	367	0.0027
StrippingDiPhotonDiMuonNoPVLLineDecision	0	0.0000
StrippingDoubleDisplVerticesDecision	545	0.0040
StrippingDoubleHLTPSDisplVerticesDecision	0	0.0000
StrippingHighPtJetsDecision	0	0.0000

StrippingStatisticsStripping19Run114753TrChi2ByStream < LHCb < TWiki

StrippingInclbJetsDecision	9776	0.0711
StrippingJPsiHLTDisplVerticesDecision	6786	0.0494
StrippingLowMultElectronLineDecision	2114	0.0154
StrippingLowMultElectronLineNoFilterDecision	75	0.0005
StrippingLowMultElectronLinePSDecision	30	0.0002
StrippingLowMultHadronLineDecision	8733	0.0635
StrippingLowMultHadronLineNoFilterDecision	123	0.0009
StrippingLowMultHadronLinePSDecision	84	0.0006
StrippingLowMultMuonLineDecision	17546	0.1277
StrippingLowMultMuonLinePSDecision	83	0.0006
StrippingLowMultPP2PPMuMuLineDecision	5049	0.0367
StrippingLowMultPP2PPMuMuLinePSDecision	124	0.0009
StrippingLowMultPhotonLineDecision	1559	0.0113
StrippingMinBiasDisplVerticesDecision	1062	0.0077
StrippingMuMuSSLLine1Decision	4367	0.0318
StrippingMuMuSSLLine2Decision	4403	0.0320
StrippingMuMuSSLLine3Decision	2620	0.0191
StrippingMuMuSSLLine4Decision	414	0.0030
StrippingSingleDownDisplVerticesDecision	940	0.0068
StrippingSingleHLTPSDisplVerticesDecision	0	0.0000
StrippingSingleHighFDDDisplVerticesDecision	1556	0.0113
StrippingSingleHighMassDisplVerticesDecision	1426	0.0104
StrippingSingleMediumDisplVerticesDecision	2570	0.0187
StrippingSinglePSDisplVerticesDecision	5070	0.0369
StrippingSingleTrackTISLineDecision	2968	0.0216
StrippingSingleTrackTISLowLineDecision	612	0.0045
StrippingWMuLineDecision	15091	0.1098
StrippingWMuLowLineDecision	3464	0.0252
StrippingWMuSingleTrackNoBiasLineDecision	18345	0.1335
StrippingWeLineDecision	8456	0.0615
StrippingWeLowLineDecision	4124	0.0300
StrippingZ02MuMuLineDecision	149	0.0011
StrippingZ02MuMuNoPIDsLineDecision	16811	0.1223
StrippingZ02TauTauProng_LineDecision	4928	0.0359
StrippingZ02TauTauProng_SameSignAll_LineDecision	852	0.0062
StrippingZ02TauTauProng_SameSignTau_LineDecision	837	0.0061
StrippingZ02TauTauProng_SameSign_LineDecision	4874	0.0355
StrippingZ02TauTau_EXLineDecision	4664	0.0339
StrippingZ02TauTau_EXLineSSDecision	4391	0.0319
StrippingZ02TauTau_MuXLineDecision	5012	0.0365
StrippingZ02TauTau_MuXLineSSDecision	4797	0.0349
StrippingZ02eeLineDecision	67	0.0005
StrippingZ02eeSSLLineDecision	18	0.0001

Line	Events	Retention(%)
StrippingStreamMiniBiasDecision	0	0.0000
StrippingHltILOAnyDecision	0	0.0000
StrippingMBNoBiasDecision	0	0.0000

Line	Events	Retention(%)
StrippingStreamCharmCompleteEventDecision	135600	0.9865
StrippingD02HHForXSecD02HHLLineDecision	15466	0.1125
StrippingD02HHForXSecDstar2D0Pi_D02HHLLineDecision	7024	0.0511
StrippingD02K3PiD0ForBXXLineDecision	1613	0.0117
StrippingD02K3PiForD02K3PiForXSecLineDecision	7026	0.0511
StrippingD02KPiD0ForBXXLineDecision	2092	0.0152
StrippingD02KPiGeoForXSecD02HHLLineDecision	5808	0.0423
StrippingD02KPiGeoForXSecDstar2D0Pi_D02HHLLineDecision	1585	0.0115
StrippingD2HHHForXSecD2KKPLLineDecision	16703	0.1215
StrippingD2HHHForXSecD2KPPLLineDecision	18342	0.1334
StrippingD2HHLTUnbiasedD02HHLLineDecision	3436	0.0250
StrippingD2HHLTUnbiasedDstar2D0Pi_D02HHLLineDecision	679	0.0049
StrippingD2PhiPiForXSecD2PhiPiLineDecision	321	0.0023
StrippingD2XGammaStripping_Dst2D0PiDecision	13508	0.0983
StrippingD2XMuMu_2KPiLineDecision	0	0.0000
StrippingD2XMuMu_K2PiLineDecision	0	0.0000
StrippingD2XMuMu_K3PiLineDecision	0	0.0000
StrippingD2XMuMu_KKLineDecision	191	0.0014
StrippingD2XMuMu_KKPiPiLineDecision	0	0.0000
StrippingD2XMuMu_KOSLineDecision	3022	0.0220
StrippingD2XMuMu_KSSLLineDecision	1953	0.0142
StrippingD2XMuMu_PiCalLineDecision	5524	0.0402
StrippingD2XMuMu_PiOSLineDecision	4601	0.0335
StrippingD2XMuMu_PiPiLineDecision	870	0.0063
StrippingD2XMuMu_PiSSLLineDecision	2110	0.0154
StrippingD2hhCompleteEventPromptD0D0FromDstarPartialLineDecision	1497	0.0109
StrippingD2hhCompleteEventPromptD2KKLineDecision	691	0.0050
StrippingD2hhCompleteEventPromptD2KPiLineDecision	300	0.0022
StrippingD2hhCompleteEventPromptD2PiPiLineDecision	297	0.0022
StrippingD2hhCompleteEventPromptDst2D2KKLineDecision	203	0.0015
StrippingD2hhCompleteEventPromptDst2D2PiPiLineDecision	76	0.0006
StrippingD2hhCompleteEventPromptDst2D2RSLLineDecision	680	0.0049
StrippingD2hhCompleteEventPromptDst2D2WSLineDecision	184	0.0013
StrippingD2hhhControl_HHHIncLineDecision	0	0.0000
StrippingD2hhhControl_KKKLineDecision	0	0.0000
StrippingD2hhhControl_KKPLLineDecision	1255	0.0091
StrippingD2hhhControl_KKPosLineDecision	0	0.0000
StrippingD2hhhControl_KPPLLineDecision	2781	0.0202
StrippingD2hhhControl_KPPosLineDecision	0	0.0000
StrippingD2hhhControl_PPPLLineDecision	0	0.0000
StrippingDstRSwD02K2PiD0ForBXXLineDecision	13814	0.1005
StrippingDstWSwD02K2PiD0ForBXXLineDecision	1071	0.0078
StrippingDstar2D0Pi_D02KPiForXSecD02HHLLineDecision	18986	0.1381
StrippingDstar2D0Pi_D02KPiForXSecDstar2D0Pi_D02HHLLineDecision	6053	0.0440
StrippingDstar2D0pi_D02K3PiForD02K3PiForXSecLineDecision	2116	0.0154
StrippingDstarD02KpipoRSDecision	13564	0.0987
StrippingDstarD02KpipoWSDDecision	1055	0.0077
StrippingDstarD02xxDst2PiD02KmuBoxDecision	750	0.0055
StrippingDstarD02xxDst2PiD02Kmu_untagged_BoxDecision	708	0.0052

StrippingStatisticsStripping19Run114753TrChi2ByStream < LHCb < TWiki

StrippingDstarD02xxDst2PiD02KpiBoxDecision	1469	0.0107
StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxDecision	1229	0.0089
StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxMBDecision	454	0.0033
StrippingDstarD02xxDst2PiD02Kpi_untagged_BoxMBTrEffDecision	368	0.0027
StrippingDstarD02xxDst2PiD02emuBoxDecision	0	0.0000
StrippingDstarD02xxDst2PiD02mumuBoxDecision	535	0.0039
StrippingDstarD02xxDst2PiD02mumu_untagged_BoxDecision	4030	0.0293
StrippingDstarD02xxDst2PiD02pipiBoxDecision	723	0.0053
StrippingDstarD02xxDst2PiD02pipi_untagged_BoxDecision	823	0.0060
StrippingDstarD02xxDst2PiD02pipi_untagged_BoxMBDecision	247	0.0018
StrippingDstarD2KShhCompleteEventKKDDLLineDecision	2533	0.0184
StrippingDstarD2KShhCompleteEventKKLLLLineDecision	1816	0.0132
StrippingDstarD2KShhCompleteEventKPDDLLineDecision	128	0.0009
StrippingDstarD2KShhCompleteEventKPLLLLineDecision	85	0.0006
StrippingDstarD2KShhCompleteEventPPDDLLineDecision	7245	0.0527
StrippingDstarD2KShhCompleteEventPPLLLLineDecision	3619	0.0263
StrippingLambdac2PKPiForXSecLambdac2PKKLineDecision	15	0.0001
StrippingLambdac2PKPiForXSecLambdac2PKPiLineDecision	30	0.0002
StrippingLambdac2PKPiForXSecLambdac2PPiKWSLineDecision	22	0.0002
StrippingLambdac2PKPiForXSecLambdac2PPiPiLineDecision	24	0.0002

-- JiboHE - 01-Jun-2012

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