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LHCb TCKs in data

The following is list of all the TCKs used in the period 2011 to 2018 for proton-proton data. They are sorted by fraction of total lumi for that year-polarity combination.

All TCKs

2011

DOWN

TCK	Lumi fraction / %
0x790038	35.10
0x760037	31.75
0x6d0032	16.62
0x730035	10.24
0x5a0032	4.71
0x360032	0.56
0x4a0033	0.35
0x480032	0.33
0x700034	0.19
0x710035	0.15
0x5b0032	0.01
0x561710	0.00
0x3e1710	0.00

UP

TCK	Lumi fraction / %
0x790038	32.60
0x730035	27.23
0x760037	21.62
0x790037	8.53
0x5a0032	7.87
0x740036	1.04
0x5b0032	0.66
0x5d0033	0.45

2012

DOWN

TCK	Lumi fraction / %
0x990042	22.62
0x97003d	14.45
0xa30044	13.32
0x990044	10.49
0x94003d	10.10
0xac0046	9.87
0xa90046	6.47
0x8c0040	5.71
0xab0046	4.76

0xa30046	1.04
0x860040	0.51
0xac0047	0.43
0x95003d	0.07
0x7f0040	0.06
0x7e003a	0.05
0x8e0040	0.04
0x7e0039	0.01
0x990043	0.01
-0x7f66e8f0	0.01
0x561710	0.00
0x641710	0.00
0x870041	0.00
0xad0046	0.00
0x880041	0.00

UP

TCK	Lumi fraction / %
0x990042	37.36
0x94003d	16.29
0xa30044	16.23
0x97003d	11.86
0xa10045	6.90
0x990044	2.98
0x9f0045	2.70
0xa10044	2.51
0xa30046	1.90
0xac0046	0.83
0x990043	0.26
0xa20044	0.16
0x95003d	0.01
0x9a0042	0.00
0x97003c	0.00

2015**DOWN**

TCK	Lumi fraction / %
0x10600a2	50.67
0x10600a3	31.94
0x10800a2	5.99
0x115014e	4.37
0x10700a1	3.34
0xf9014e	2.52
0x10600a7	0.54
0xf8014e	0.41
0xf4014d	0.17
0x10600a6	0.03
0xed014d	0.02
0xe0014d	0.01

DOWN

0x10800a1	0.00
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UP

TCK	Lumi fraction / %
0x11400a8	53.95
0x10800a2	36.25
0xfb0051	9.71
0xf9014e	0.06
0xee014d	0.01
0xdc014d	0.00
0xdb014d	0.00
0xd4014c	0.00

2016**DOWN**

TCK	Lumi fraction / %
0x1138160f	66.77
0x11291605	9.10
0x11371609	8.37
0x11291603	4.06
0x1138160e	3.68
0x11291604	2.88
0x1137160e	2.64
0x11291600	1.47
0x11381609	0.80
0x11381613	0.12
0x11351609	0.11
0x1137160b	0.00

UP

TCK	Lumi fraction / %
0x11361609	52.07
0x11341609	14.83
0x11321609	13.44
0x11381612	11.27
0x11381611	5.54
0x11351609	2.82
0x11381613	0.02
0x11291600	0.01
0x1138160f	0.00

2017**DOWN**

TCK	Lumi fraction / %
0x11611709	32.00
0x11561707	27.44
0x11611708	15.32
0x11611707	14.75
0x11541707	10.42

DOWN

0x115417a7	0.07
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UP

TCK	Lumi fraction / %
0x11611709	36.34
0x11601707	15.13
0x11501705	15.02
0x11601708	12.21
0x11561707	10.97
0x11501706	3.36
0x11501704	3.06
0x11501703	2.72
0x114e1702	0.91
0x114e1703	0.28
0x114b1702	0.00

2018**DOWN**

TCK	Lumi fraction / %
0x117a18a2	51.79
0x11751801	27.66
0x117a18a4	9.73
0x11741801	9.05
0x11771801	1.54
0x11671801	0.21
0x11681801	0.02

UP

TCK	Lumi fraction / %
0x117a18a2	28.30
0x117a18a4	24.84
0x11771801	17.36
0x11741801	16.65
0x11731801	11.74
0x11711801	0.54
0x11671801	0.53
0x117718a1	0.04
0x117a1801	0.00

L0 TCKs**2011****DOWN**

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x0038	35.10	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600

DOWN

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0x0037	31.75	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0032	22.22	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0035	10.39	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0033	0.35	Muon1(Pt)>20, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>120, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0034	0.19	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600

UP

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x0038	32.60	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0037	30.15	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0035	27.23	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0032	8.53	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0036	1.04	Muon1(Pt)>40, SpdMu(Mult)<500	Muon12(Pt)>2500, Spd(Mult)<900	Electron(Et)>150, SpdEPh(Mult)<450	Hadron(Et)>200, SpdHad(Mult)<550	Photon(Et)>150, SpdEPh(Mult)<450
0x0033	0.45	Muon1(Pt)>20, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>120, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600

2012

DOWN

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x003D	24.62	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>136, SpdEPh(Mult)<600	Hadron(Et)>181, SpdHad(Mult)<600	Photon(Et)>136, SpdEPh(Mult)<600
0x0044	23.81	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>148, SpdEPh(Mult)<600	Hadron(Et)>184, SpdHad(Mult)<600	Photon(Et)>148, SpdEPh(Mult)<600
0x0042	22.62	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>136, SpdEPh(Mult)<600	Hadron(Et)>181, SpdHad(Mult)<600	Photon(Et)>136, SpdEPh(Mult)<600
0x0046	22.14	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>143, SpdEPh(Mult)<600	Hadron(Et)>187, SpdHad(Mult)<600	Photon(Et)>143, SpdEPh(Mult)<600
0x0040	6.32	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>175, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0047	0.43	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>143, SpdEPh(Mult)<600	Hadron(Et)>187, SpdHad(Mult)<600	Photon(Et)>143, SpdEPh(Mult)<600
0x003A	0.05	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>165, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0039	0.01	Muon1(Pt)>37, SpdMu(Mult)<600	Muon12(Pt)>1050, Spd(Mult)<900	Electron(Et)>125, SpdEPh(Mult)<600	Hadron(Et)>165, SpdHad(Mult)<600	Photon(Et)>125, SpdEPh(Mult)<600
0x0043	0.01	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>136, SpdEPh(Mult)<600	Hadron(Et)>181, SpdHad(Mult)<600	Photon(Et)>136, SpdEPh(Mult)<600

0x0041	0.00	Muon1(Pt)>8	Muon1(Pt)>8, Muon2(Pt)>2	Electron(Et)>35	Hadron(Et)>61	Photon(Et)>139
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UP

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x0042	37.36	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>136, SpdEPh(Mult)<600	Hadron(Et)>181, SpdHad(Mult)<600	Photon(Et)>136, SpdEPh(Mult)<600
0x003D	28.16	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>136, SpdEPh(Mult)<600	Hadron(Et)>181, SpdHad(Mult)<600	Photon(Et)>136, SpdEPh(Mult)<600
0x0044	21.88	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>148, SpdEPh(Mult)<600	Hadron(Et)>184, SpdHad(Mult)<600	Photon(Et)>148, SpdEPh(Mult)<600
0x0045	9.61	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>148, SpdEPh(Mult)<600	Hadron(Et)>187, SpdHad(Mult)<600	Photon(Et)>148, SpdEPh(Mult)<600
0x0046	2.73	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>143, SpdEPh(Mult)<600	Hadron(Et)>187, SpdHad(Mult)<600	Photon(Et)>143, SpdEPh(Mult)<600
0x0043	0.26	Muon1(Pt)>44, SpdMu(Mult)<600	Muon12(Pt)>1600, Spd(Mult)<900	Electron(Et)>136, SpdEPh(Mult)<600	Hadron(Et)>181, SpdHad(Mult)<600	Photon(Et)>136, SpdEPh(Mult)<600

2015

DOWN

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x00A2	61.25	Muon1(Pt)>56, Spd_Had(Mult)<450	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>112, Spd_Had(Mult)<450	Hadron(Et)>150, Spd_Had(Mult)<450	Photon(Et)>136, Spd_Had(Mult)<450
0x00A3	34.53	Muon1(Pt)>48, Spd_Had(Mult)<450	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>95, Spd_Had(Mult)<450	Hadron(Et)>129, Spd_Had(Mult)<450	Photon(Et)>136, Spd_Had(Mult)<450
0x00A1	3.62	Muon1(Pt)>38, Spd_Had(Mult)<450	Muon12(Pt)>570, Spd_DiMu(Mult)<900	Electron(Et)>75, Spd_Had(Mult)<450	Hadron(Et)>105, Spd_Had(Mult)<450	Photon(Et)>136, Spd_Had(Mult)<450
0x00A7	0.58	Muon1(Pt)>30, Spd_Had(Mult)<600	Muon12(Pt)>460, Spd_DiMu(Mult)<900	Electron(Et)>58, Spd_Had(Mult)<600	Hadron(Et)>95, Spd_Had(Mult)<600	Photon(Et)>136, Spd_Had(Mult)<600
0x00A6	0.03	Muon1(Pt)>36, Spd_Had(Mult)<600	Muon12(Pt)>480, Spd_DiMu(Mult)<900	Electron(Et)>70, Spd_Had(Mult)<600	Hadron(Et)>104, Spd_Had(Mult)<600	Photon(Et)>136, Spd_Had(Mult)<600

UP

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x00A8	54.00	Muon1(Pt)>56, Spd_Had(Mult)<450	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>112, Spd_Had(Mult)<450	Hadron(Et)>167, Spd_Had(Mult)<450	Photon(Et)>136, Spd_Had(Mult)<450
0x00A2	36.28	Muon1(Pt)>56, Spd_Had(Mult)<450	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>112, Spd_Had(Mult)<450	Hadron(Et)>150, Spd_Had(Mult)<450	Photon(Et)>136, Spd_Had(Mult)<450
0x0051	9.72	Muon1(Pt)>36, Spd_Had(Mult)<450	Muon12(Pt)>480, Spd_DiMu(Mult)<900	Electron(Et)>70, Spd_Had(Mult)<450	Hadron(Et)>104, Spd_Had(Mult)<450	Photon(Et)>136, Spd_Had(Mult)<450

2016

DOWN

DOWN

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x160F	66.77	Muon1(Pt)>36, Spd_Had(Mult)<450	Muon12(Pt)>900, Spd_DiMu(Mult)<900	Electron(Et)>100, Spd_Had(Mult)<450	Hadron(Et)>156, Spd_Had(Mult)<450	Photon(Et)>100, Spd_Had(Mult)<450
0x1609	9.28	Muon1(Pt)>26, Spd_Had(Mult)<450	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>98, Spd_Had(Mult)<450	Hadron(Et)>154, Spd_Had(Mult)<450	Photon(Et)>98, Spd_Had(Mult)<450
0x1605	9.10	Muon1(Pt)>30, Spd_Had(Mult)<450	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>108, Spd_Had(Mult)<450	Hadron(Et)>154, Spd_Had(Mult)<450	Photon(Et)>108, Spd_Had(Mult)<450
0x160E	6.32	Muon1(Pt)>30, Spd_Had(Mult)<450	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>108, Spd_Had(Mult)<450	Hadron(Et)>154, Spd_Had(Mult)<450	Photon(Et)>108, Spd_Had(Mult)<450
0x1603	4.06	Muon1(Pt)>22, Spd_Had(Mult)<450	Muon12(Pt)>400, Spd_DiMu(Mult)<900	Electron(Et)>88, Spd_Had(Mult)<450	Hadron(Et)>134, Spd_Had(Mult)<450	Photon(Et)>88, Spd_Had(Mult)<450
0x1604	2.88	Muon1(Pt)>26, Spd_Had(Mult)<450	Muon12(Pt)>576, Spd_DiMu(Mult)<900	Electron(Et)>94, Spd_Had(Mult)<450	Hadron(Et)>148, Spd_Had(Mult)<450	Photon(Et)>94, Spd_Had(Mult)<450
0x1600	1.47	Muon1(Pt)>14, Spd_Had(Mult)<450	Muon12(Pt)>324, Spd_DiMu(Mult)<900	Electron(Et)>78, Spd_Had(Mult)<450	Hadron(Et)>122, Spd_Had(Mult)<450	Photon(Et)>78, Spd_Had(Mult)<450
0x1613	0.12	Muon1(Pt)>27, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>961, Spd_DiMu(Mult)<900	Electron(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>156, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000
0x160B	0.00	Muon1(Pt)>30, Spd_Had(Mult)<450	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>108, Spd_Had(Mult)<450	Hadron(Et)>154, Spd_Had(Mult)<450	Photon(Et)>108, Spd_Had(Mult)<450

UP

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x1609	83.16	Muon1(Pt)>26, Spd_Had(Mult)<450	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>98, Spd_Had(Mult)<450	Hadron(Et)>154, Spd_Had(Mult)<450	Photon(Et)>98, Spd_Had(Mult)<450
0x1612	11.27	Muon1(Pt)>32, Spd_Had(Mult)<450	Muon12(Pt)>900, Spd_DiMu(Mult)<900	Electron(Et)>109, Spd_Had(Mult)<450	Hadron(Et)>162, Spd_Had(Mult)<450	Photon(Et)>109, Spd_Had(Mult)<450
0x1611	5.54	Muon1(Pt)>30, Spd_Had(Mult)<450	Muon12(Pt)>784, Spd_DiMu(Mult)<900	Electron(Et)>109, Spd_Had(Mult)<450	Hadron(Et)>162, Spd_Had(Mult)<450	Photon(Et)>109, Spd_Had(Mult)<450
0x1613	0.02	Muon1(Pt)>27, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>961, Spd_DiMu(Mult)<900	Electron(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>156, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000
0x1600	0.01	Muon1(Pt)>14, Spd_Had(Mult)<450	Muon12(Pt)>324, Spd_DiMu(Mult)<900	Electron(Et)>78, Spd_Had(Mult)<450	Hadron(Et)>122, Spd_Had(Mult)<450	Photon(Et)>78, Spd_Had(Mult)<450
0x160F	0.00	Muon1(Pt)>36, Spd_Had(Mult)<450	Muon12(Pt)>900, Spd_DiMu(Mult)<900	Electron(Et)>100, Spd_Had(Mult)<450	Hadron(Et)>156, Spd_Had(Mult)<450	Photon(Et)>100, Spd_Had(Mult)<450

2017

DOWN

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x1707	52.61	Muon1(Pt)>34, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>96, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>155, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>96, Spd_Had(Mult)<450, SumEtPrev<1000
0x1709	32.00					

DOWN

LHCbImperialTCKs < Main < TWiki

		Muon1(Pt)>28, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>88, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>144, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x1708	15.32	Muon1(Pt)>22, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>400, Spd_DiMu(Mult)<900	Electron(Et)>88, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>134, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x17A7	0.07	Muon1(Pt)>34, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>96, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>155, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000

UP

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x1709	36.34	Muon1(Pt)>28, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>88, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>144, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x1707	26.09	Muon1(Pt)>34, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>96, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>155, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x1705	15.02	Muon1(Pt)>30, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>676, Spd_DiMu(Mult)<900	Electron(Et)>108, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>154, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x1708	12.21	Muon1(Pt)>22, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>400, Spd_DiMu(Mult)<900	Electron(Et)>88, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>134, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x1706	3.36	Muon1(Pt)>38, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>112, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>162, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x1704	3.06	Muon1(Pt)>26, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>576, Spd_DiMu(Mult)<900	Electron(Et)>94, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>148, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x1703	3.00	Muon1(Pt)>22, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>400, Spd_DiMu(Mult)<900	Electron(Et)>88, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>134, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x1702	0.92	Muon1(Pt)>14, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>324, Spd_DiMu(Mult)<900	Electron(Et)>78, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>124, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000

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DOWN

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	Photon
0x18A2	51.79	Muon1(Pt)>35, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>158, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x1801	38.48	Muon1(Pt)>35, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>158, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Et)>100, Spd_Had(Mult)<450, SumEtPrev<1000
0x18A4	9.73	Muon1(Pt)>35, Spd_Had(Mult)<450,	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>99, Spd_Had(Mult)<450,	Hadron(Et)>158, Spd_Had(Mult)<450,	Photon(Et)>100, Spd_Had(Mult)<450,

DOWN

		SumEtPrev<1000		SumEtPrev<1000	SumEtPrev<1000	SumEtP
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UP

TCK	Lumi fraction / %	Muon	DiMuon	Electron	Hadron	
0x1801	46.81	Muon1(Pt)>35, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>158, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Spd_Ha SumEtP
0x18A2	28.30	Muon1(Pt)>35, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>158, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Spd_Ha SumEtP
0x18A4	24.84	Muon1(Pt)>35, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>158, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Spd_Ha SumEtP
0x18A1	0.04	Muon1(Pt)>35, Spd_Had(Mult)<450, SumEtPrev<1000	Muon12(Pt)>1296, Spd_DiMu(Mult)<900	Electron(Et)>99, Spd_Had(Mult)<450, SumEtPrev<1000	Hadron(Et)>158, Spd_Had(Mult)<450, SumEtPrev<1000	Photon(Spd_Ha SumEtP

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