* Million Events:

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| Welcome to ROOT 6.30/08 https://root.cern |

| (c) 1995-2024, The ROOT Team; conception: R. Brun, F. Rademakers |

| Built for linuxx8664gcc on Jul 14 2024, 22:53:16 |

| From tags/v6-30-08@v6-30-08 |

| With c++ (Ubuntu 11.4.0-1ubuntu1~22.04) 11.4.0 |

| Try '.help'/'.?', '.demo', '.license', '.credits', '.quit'/'.q' |

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root [0] .L new\_testslope.C

root [1] mill()

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 24.4929

NDf = 26

Edm = 0.00010249

NCalls = 122

p0 = 0.15888 +/- 0.00457202

p1 = 1.24616 +/- 0.0115415

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.802468

param 0 0.15888

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 40.2879

NDf = 26

Edm = 9.62892e-05

NCalls = 106

p0 = 0.123414 +/- 0.00282004

p1 = 1.10527 +/- 0.00232639

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.904757

param 0 0.123414

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 35.7426

NDf = 26

Edm = 1.34966e-07

NCalls = 147

p0 = 0.171875 +/- 0.00385473

p1 = 1.28169 +/- 0.000287891

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.78022

param 0 0.171875

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 58.4013

NDf = 26

Edm = 1.2698e-08

NCalls = 66

p0 = 0.0973732 +/- 0.0108546

p1 = 1.01087 +/- 0.0511752

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.989249

param 0 0.0973732

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 40.3259

NDf = 26

Edm = 2.49384e-06

NCalls = 153

p0 = 0.183778 +/- 0.00411011

p1 = 1.31325 +/- 0.00069254

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.761468

param 0 0.183778

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 31.5947

NDf = 26

Edm = 1.6417e-06

NCalls = 161

p0 = 0.133606 +/- 0.00302059

p1 = 1.16842 +/- 0.000623185

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.855856

param 0 0.133606

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 23.7073

NDf = 26

Edm = 0.000104152

NCalls = 151

p0 = 0.148155 +/- 0.00340825

p1 = 1.19782 +/- 0.00310153

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.83485

param 0 0.148155

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 27.1945

NDf = 26

Edm = 0.000267933

NCalls = 154

p0 = 0.18983 +/- 0.00438658

p1 = 1.34483 +/- 0.0028869

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.743588

param 0 0.18983

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 27.5076

NDf = 26

Edm = 2.55755e-05

NCalls = 103

p0 = 0.207379 +/- 0.00536392

p1 = 1.38961 +/- 0.00862097

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.719627

param 0 0.207379

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 29.4358

NDf = 26

Edm = 8.43144e-05

NCalls = 119

p0 = 0.141307 +/- 0.00232053

p1 = 1.19178 +/- 0.000378624

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.839081

param 0 0.141307

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 17.3069

NDf = 26

Edm = 0.00040975

NCalls = 164

p0 = 0.190412 +/- 0.00449499

p1 = 1.33803 +/- 0.000630047

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.747368

param 0 0.190412

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 24.5875

NDf = 26

Edm = 1.97468e-05

NCalls = 113

p0 = 0.122529 +/- 0.00287952

p1 = 1.11766 +/- 0.00336307

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.894725

param 0 0.122529

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

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Minimizer is Minuit2 / Migrad

Chi2 = 12.0666

NDf = 26

Edm = 1.11412e-05

NCalls = 130

p0 = 0.175211 +/- 0.0042412

p1 = 1.3019 +/- 0.0047848

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.768107

param 0 0.175211

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 51.6293

NDf = 26

Edm = 2.14773e-06

NCalls = 133

p0 = 0.137748 +/- 0.00308109

p1 = 1.16092 +/- 0.000320773

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.861386

param 0 0.137748

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 21.2224

NDf = 26

Edm = 1.15536e-06

NCalls = 107

p0 = 0.200577 +/- 0.015568

p1 = 1.36916 +/- 0.040422

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.730374

param 0 0.200577

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 35.6443

NDf = 26

Edm = 1.62347e-06

NCalls = 83

p0 = 0.136817 +/- 0.0193259

p1 = 1.19099 +/- 0.0687415

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.83964

param 0 0.136817

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

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Minimizer is Minuit2 / Migrad

Chi2 = 34.1619

NDf = 26

Edm = 1.64829e-11

NCalls = 88

p0 = 0.139383 +/- 0.0123905

p1 = 0.989103 +/- 0.0393139

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.01102

param 0 0.139383

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 30.0812

NDf = 26

Edm = 0.00126353

NCalls = 185

p0 = 0.110048 +/- 0.0023478

p1 = 0.876908 +/- 0.00522914

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.14037

param 0 0.110048

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 40.46

NDf = 26

Edm = 5.15188e-08

NCalls = 67

p0 = 0.142629 +/- 0.00935146

p1 = 1.01013 +/- 0.0296112

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.989972

param 0 0.142629

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

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Minimizer is Minuit2 / Migrad

Chi2 = 28.567

NDf = 26

Edm = 2.82449e-07

NCalls = 67

p0 = 0.142924 +/- 0.0131152

p1 = 1.0144 +/- 0.0417975

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.985808

param 0 0.142924

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 33.3815

NDf = 26

Edm = 0.00106323

NCalls = 75

p0 = 0.1443 +/- 0.00470654

p1 = 1 +/- 0.00638457

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1

param 0 0.1443

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 26.4553

NDf = 26

Edm = 2.49673e-06

NCalls = 128

p0 = 0.170076 +/- 0.00317607

p1 = 1.09836 +/- 0.000181017

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.910448

param 0 0.170076

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.9937

NDf = 26

Edm = 1.53967e-08

NCalls = 85

p0 = 0.119452 +/- 0.0111378

p1 = 0.919839 +/- 0.0395783

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.08715

param 0 0.119452

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 20.6348

NDf = 26

Edm = 2.08705e-06

NCalls = 67

p0 = 0.135523 +/- 0.0126055

p1 = 0.992886 +/- 0.0402532

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00716

param 0 0.135523

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 31.327

NDf = 26

Edm = 6.05213e-06

NCalls = 116

p0 = 0.122717 +/- 0.010402

p1 = 0.935562 +/- 0.0366604

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.06888

param 0 0.122717

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 22.3633

NDf = 26

Edm = 2.89862e-06

NCalls = 152

p0 = 0.124673 +/- 0.0023271

p1 = 0.946666 +/- 0.000354748

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.05634

param 0 0.124673

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 24.1531

NDf = 26

Edm = 3.99426e-05

NCalls = 88

p0 = 0.1414 +/- 0.00277247

p1 = 1 +/- 0.00278007

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1

param 0 0.1414

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 42.1243

NDf = 26

Edm = 3.42154e-06

NCalls = 130

p0 = 0.175844 +/- 0.00326655

p1 = 1.10526 +/- 0.000447446

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.904762

param 0 0.175844

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 16.6082

NDf = 26

Edm = 6.13257e-05

NCalls = 134

p0 = 0.131517 +/- 0.00248334

p1 = 0.969234 +/- 0.00160045

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.03174

param 0 0.131517

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 31.5679

NDf = 26

Edm = 0.0163984

NCalls = 99

p0 = 0.186069 +/- 0.00110033

p1 = 1.11236 +/- 0.00300931

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.898986

param 0 0.186069

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 18.679

NDf = 26

Edm = 4.43507e-05

NCalls = 100

p0 = 0.158763 +/- 0.00309304

p1 = 1.04494 +/- 0.00439554

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.956989

param 0 0.158763

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

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Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 21.6789

NDf = 26

Edm = 0.000207065

NCalls = 116

p0 = 0.136426 +/- 0.00144491

p1 = 1 +/- 0.000393195

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1

param 0 0.136426

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.5714

NDf = 26

Edm = 2.52707e-06

NCalls = 150

p0 = 0.103815 +/- 0.00170949

p1 = 0.764705 +/- 0.000572009

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.30769

param 0 0.103815

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 34.223

NDf = 26

Edm = 1.91664e-06

NCalls = 140

p0 = 0.16594 +/- 0.00272031

p1 = 0.955555 +/- 0.000301066

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.04651

param 0 0.16594

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 44.2158

NDf = 26

Edm = 4.23345e-06

NCalls = 103

p0 = 0.152177 +/- 0.00425247

p1 = 0.934425 +/- 0.00975188

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.07018

param 0 0.152177

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 36.3542

NDf = 26

Edm = 8.0241e-05

NCalls = 86

p0 = 0.166029 +/- 0.0054429

p1 = 0.973324 +/- 0.0125283

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.02741

param 0 0.166029

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.1229

NDf = 26

Edm = 1.45464e-06

NCalls = 160

p0 = 0.107714 +/- 0.00176635

p1 = 0.770492 +/- 0.000503618

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.29787

param 0 0.107714

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.3002

NDf = 26

Edm = 2.54148e-06

NCalls = 114

p0 = 0.134553 +/- 0.00223895

p1 = 0.884058 +/- 0.000450533

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.13115

param 0 0.134553

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 31.8369

NDf = 26

Edm = 2.07491e-08

NCalls = 108

p0 = 0.0972958 +/- 0.00725361

p1 = 0.74203 +/- 0.0281815

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.34765

param 0 0.0972958

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 21.0835

NDf = 26

Edm = 3.38474e-06

NCalls = 159

p0 = 0.0971763 +/- 0.00163072

p1 = 0.754386 +/- 0.000314482

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.32558

param 0 0.0971763

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 31.1074

NDf = 26

Edm = 4.91449e-06

NCalls = 122

p0 = 0.141503 +/- 0.0012048

p1 = 0.88234 +/- 0.00185212

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.13335

param 0 0.141503

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 18.2665

NDf = 26

Edm = 2.18442e-06

NCalls = 96

p0 = 0.1303 +/- 0.00961169

p1 = 0.868199 +/- 0.0295353

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.15181

param 0 0.1303

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 29.7583

NDf = 26

Edm = 1.17641e-07

NCalls = 183

p0 = 0.111231 +/- 0.00183727

p1 = 0.79661 +/- 0.000187856

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25532

param 0 0.111231

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 26.2751

NDf = 26

Edm = 1.95429e-08

NCalls = 92

p0 = 0.189635 +/- 0.0139215

p1 = 1.017 +/- 0.0343105

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.983282

param 0 0.189635

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 35.1852

NDf = 26

Edm = 7.88977e-07

NCalls = 61

p0 = 0.195977 +/- 0.0122709

p1 = 1.03537 +/- 0.0278979

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.965837

param 0 0.195977

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 21.4218

NDf = 26

Edm = 8.71083e-10

NCalls = 120

p0 = 0.0932954 +/- 0.00972805

p1 = 0.713588 +/- 0.0394232

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.40137

param 0 0.0932954

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 21.5874

NDf = 26

Edm = 1.3509e-05

NCalls = 112

p0 = 0.120778 +/- 0.00199816

p1 = 0.818182 +/- 0.00194616

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.22222

param 0 0.120778

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 24.7241

NDf = 26

Edm = 4.2127e-06

NCalls = 217

p0 = 0.139122 +/- 0.0024468

p1 = 0.896091 +/- 0.00252754

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.11596

param 0 0.139122

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 47.8991

NDf = 52

Edm = 2.27985e-06

NCalls = 143

p0 = 0.0643592 +/- 0.0045975

p1 = 1.02797 +/- 0.000653881

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.97279

param 0 0.0643592

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 29.0914

NDf = 51

Edm = 4.65772e-10

NCalls = 124

p0 = 0.0632273 +/- 0.00584603

p1 = 1.0099 +/- 0.0184632

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.990195

param 0 0.0632273

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 48.9793

NDf = 57

Edm = 5.84585e-06

NCalls = 110

p0 = 0.117564 +/- 0.00783169

p1 = 1.2038 +/- 0.00329512

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.830701

param 0 0.117564

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 49.6208

NDf = 55

Edm = 1.73595e-06

NCalls = 96

p0 = 0.388148 +/- 0.0311695

p1 = 1.76505 +/- 0.0104038

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.566557

param 0 0.388148

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 48.565

NDf = 54

Edm = 4.90964e-05

NCalls = 116

p0 = 0.614243 +/- 0.0443553

p1 = 1.91057 +/- 0.00131754

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.523405

param 0 0.614243

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 52.1507

NDf = 53

Edm = 4.48222e-06

NCalls = 103

p0 = 0.551895 +/- 0.0388754

p1 = 1.84801 +/- 0.00400584

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.541121

param 0 0.551895

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 64.1897

NDf = 54

Edm = 2.5127e-06

NCalls = 102

p0 = 0.339694 +/- 0.024534

p1 = 1.59858 +/- 0.00889619

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.625554

param 0 0.339694

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 47.7213

NDf = 54

Edm = 8.72963e-07

NCalls = 150

p0 = 0.0895522 +/- 0.00604753

p1 = 1.10596 +/- 0.000127479

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.904192

param 0 0.0895522

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 41.4102

NDf = 55

Edm = 8.22578e-07

NCalls = 93

p0 = 0.101504 +/- 0.00726271

p1 = 1.13223 +/- 0.0104157

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.883212

param 0 0.101504

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 61.6377

NDf = 60

Edm = 26388.4

NCalls = 63

p0 = 0.652167 +/- 0.0363648

p1 = 1.88689 +/- 14.6234

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.529974

param 0 0.652167

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 40.6307

NDf = 50

Edm = 2.41516e-09

NCalls = 85

p0 = 0.0750857 +/- 0.00757446

p1 = 1.06915 +/- 0.025133

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.935321

param 0 0.0750857

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 39.3628

NDf = 56

Edm = 0.000821652

NCalls = 132

p0 = 0.154392 +/- 0.0100327

p1 = 1.30573 +/- 0.00347916

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.765854

param 0 0.154392

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 53.279

NDf = 52

Edm = 3.67695e-06

NCalls = 168

p0 = 0.0397218 +/- 0.00298974

p1 = 0.90476 +/- 0.000766839

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.10527

param 0 0.0397218

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 50.3514

NDf = 51

Edm = 7.07632e-13

NCalls = 165

p0 = 0.522514 +/- 0.0398062

p1 = 1.79499 +/- 0.0156677

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.557106

param 0 0.522514

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 49.7222

NDf = 54

Edm = 2.21445e-08

NCalls = 72

p0 = 0.0674815 +/- 0.00689326

p1 = 1.00296 +/- 0.0265313

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.997048

param 0 0.0674815

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 41.6953

NDf = 59

Edm = 1.77267e-13

NCalls = 84

p0 = 0.0739728 +/- 0.00729473

p1 = 1.05328 +/- 0.0222005

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.949416

param 0 0.0739728

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 89.4512

NDf = 57

Edm = 2.59585e-07

NCalls = 63

p0 = 1.25253 +/- 0.066287

p1 = 1.96507 +/- 0.00775292

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.508888

param 0 1.25253

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 64.005

NDf = 59

Edm = 9.23241e-07

NCalls = 149

p0 = 0.0901653 +/- 0.00447052

p1 = 0.919464 +/- 0.000316418

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.08759

param 0 0.0901653

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 63.9371

NDf = 62

Edm = 1.41618e-05

NCalls = 162

p0 = 0.30749 +/- 0.0142588

p1 = 1.30189 +/- 0.000176184

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.768116

param 0 0.30749

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 67.0635

NDf = 60

Edm = 8.66181e-07

NCalls = 84

p0 = 0.152299 +/- 0.0116615

p1 = 1.08964 +/- 0.0183418

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.917738

param 0 0.152299

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 68.4149

NDf = 61

Edm = 2.14862e-06

NCalls = 179

p0 = 0.138502 +/- 0.00676506

p1 = 1.04695 +/- 0.000491066

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.955157

param 0 0.138502

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 71.527

NDf = 61

Edm = 7.33447e-06

NCalls = 138

p0 = 0.158423 +/- 0.00759243

p1 = 1.08589 +/- 6.68546e-05

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.920904

param 0 0.158423

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 78.9286

NDf = 61

Edm = 4.895e-08

NCalls = 145

p0 = 0.120212 +/- 0.00580445

p1 = 1 +/- 0.000147786

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1

param 0 0.120212

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 126.614

NDf = 58

Edm = 2.93852e-12

NCalls = 97

p0 = 1.02863 +/- 0.0519529

p1 = 1.81235 +/- 0.00639911

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.55177

param 0 1.02863

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 77.2898

NDf = 62

Edm = 4.36776e-06

NCalls = 64

p0 = 0.149626 +/- 0.00892993

p1 = 1.07262 +/- 0.0124265

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.932295

param 0 0.149626

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 49.4049

NDf = 58

Edm = 4.65356e-06

NCalls = 125

p0 = 0.512255 +/- 0.025042

p1 = 1.47395 +/- 0.00598082

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.678451

param 0 0.512255

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 64.9993

NDf = 61

Edm = 0.00150585

NCalls = 130

p0 = 0.274735 +/- 0.0101991

p1 = 1.29565 +/- 0.000267755

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.771812

param 0 0.274735

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 69.3081

NDf = 60

Edm = 1.46753e-05

NCalls = 71

p0 = 1.143 +/- 0.0571005

p1 = 1.81344 +/- 0.00759246

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.551437

param 0 1.143

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 63.4835

NDf = 59

Edm = 4.30184e-07

NCalls = 121

p0 = 0.510322 +/- 0.0276319

p1 = 1.48423 +/- 0.00883379

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.673751

param 0 0.510322

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 79.3575

NDf = 61

Edm = 8.4849e-07

NCalls = 90

p0 = 0.895935 +/- 0.0473864

p1 = 1.75096 +/- 0.00987838

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.571116

param 0 0.895935

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 83.9122

NDf = 62

Edm = 8.48404e-06

NCalls = 101

p0 = 0.144529 +/- 0.00676821

p1 = 1.03865 +/- 0.000215726

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.962791

param 0 0.144529

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 78.6486

NDf = 62

Edm = 9.74994e-06

NCalls = 109

p0 = 0.121586 +/- 0.00622787

p1 = 1.03141 +/- 0.000388066

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.969544

param 0 0.121586

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 83.9302

NDf = 62

Edm = 8.35178e-10

NCalls = 80

p0 = 0.206857 +/- 0.00990954

p1 = 1.00827 +/- 0.00984216

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.991797

param 0 0.206857

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 59.1268

NDf = 62

Edm = 9.16514e-06

NCalls = 91

p0 = 0.2297 +/- 0.00854036

p1 = 1.03429 +/- 0.000560576

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.966851

param 0 0.2297

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 94.4924

NDf = 62

Edm = 1.74157e-06

NCalls = 194

p0 = 1.30893 +/- 0.0500245

p1 = 1.69822 +/- 0.000409215

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.58885

param 0 1.30893

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 167.507

NDf = 61

Edm = 8.43735e-11

NCalls = 74

p0 = 4.69494 +/- 0.19028

p1 = 2.35684 +/- 0.00254673

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.424296

param 0 4.69494

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 63.5041

NDf = 61

Edm = 8.28306e-05

NCalls = 106

p0 = 0.231932 +/- 0.00891488

p1 = 1.05479 +/- 0.00194571

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.948052

param 0 0.231932

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 52.4974

NDf = 62

Edm = 2.97694e-07

NCalls = 86

p0 = 0.210893 +/- 0.00835984

p1 = 1.00949 +/- 0.00426356

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.990604

param 0 0.210893

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 80.0923

NDf = 62

Edm = 8.56866e-06

NCalls = 132

p0 = 0.265409 +/- 0.0099102

p1 = 1.0884 +/- 0.00077763

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.918781

param 0 0.265409

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 159.933

NDf = 62

Edm = 5.27333e+06

NCalls = 57

p0 = 1.47245 +/- 0.03306

p1 = 1.77946 +/- 9.77231

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.561969

param 0 1.47245

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 74.3349

NDf = 61

Edm = 5.3715e-07

NCalls = 107

p0 = 0.212462 +/- 0.00808612

p1 = 1.02484 +/- 0.000262065

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.975758

param 0 0.212462

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 138.705

NDf = 61

Edm = 1.20938e-11

NCalls = 107

p0 = 1.33648 +/- 0.0548764

p1 = 1.73813 +/- 0.00549656

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.575332

param 0 1.33648

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 43.1572

NDf = 62

Edm = 5.4198e-07

NCalls = 70

p0 = 0.198608 +/- 0.0109871

p1 = 0.995706 +/- 0.011643

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00431

param 0 0.198608

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 101.221

NDf = 62

Edm = 1.95465e-06

NCalls = 97

p0 = 1.7441 +/- 0.0716621

p1 = 1.80442 +/- 0.00739288

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.554195

param 0 1.7441

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 69.2889

NDf = 61

Edm = 1.46413e-05

NCalls = 88

p0 = 0.211465 +/- 0.0081367

p1 = 1.00913 +/- 0.00234644

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.990955

param 0 0.211465

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 94.1659

NDf = 61

Edm = 1.20972e-05

NCalls = 120

p0 = 0.191073 +/- 0.00727959

p1 = 0.991629 +/- 0.0010263

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00844

param 0 0.191073

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 76.6515

NDf = 62

Edm = 4.18597e-05

NCalls = 73

p0 = 0.23575 +/- 0.00881518

p1 = 1.04256 +/- 0.00211486

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.959173

param 0 0.23575

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 63.9479

NDf = 62

Edm = 1.32954e-06

NCalls = 165

p0 = 0.216176 +/- 0.00801204

p1 = 1.00837 +/- 0.000105276

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.991701

param 0 0.216176

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

* 10 million events:

root [0] .L new\_testslope.C

root [1] ten\_mill()

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 23.7148

NDf = 26

Edm = 9.35957e-07

NCalls = 92

p0 = 0.176014 +/- 0.00834768

p1 = 1.28905 +/- 0.0248754

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.775768

param 0 0.176014

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 29.2738

NDf = 26

Edm = 1.97658e-06

NCalls = 147

p0 = 0.175617 +/- 0.00144386

p1 = 1.29091 +/- 0.00224828

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.77465

param 0 0.175617

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 42.1716

NDf = 26

Edm = 6.97389e-06

NCalls = 144

p0 = 0.171137 +/- 0.00121095

p1 = 1.27586 +/- 0.000628587

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.783784

param 0 0.171137

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 16.8509

NDf = 26

Edm = 1.20275e-06

NCalls = 144

p0 = 0.177069 +/- 0.00136737

p1 = 1.29508 +/- 0.00168212

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.772151

param 0 0.177069

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 17.6411

NDf = 26

Edm = 6.76529e-06

NCalls = 115

p0 = 0.21137 +/- 0.0107611

p1 = 1.38645 +/- 0.02805

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.721266

param 0 0.21137

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 44.2156

NDf = 26

Edm = 1.86231e-07

NCalls = 162

p0 = 0.198893 +/- 0.00140924

p1 = 1.36066 +/- 0.000198572

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.73494

param 0 0.198893

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 18.6263

NDf = 26

Edm = 8.15946e-07

NCalls = 149

p0 = 0.175726 +/- 0.00125354

p1 = 1.29333 +/- 0.00051522

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.773196

param 0 0.175726

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 46.6773

NDf = 26

Edm = 0.000184159

NCalls = 149

p0 = 0.181594 +/- 0.00121177

p1 = 1.31579 +/- 0.00148363

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.76

param 0 0.181594

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 24.0323

NDf = 26

Edm = 4.89222e-06

NCalls = 142

p0 = 0.181167 +/- 0.00130596

p1 = 1.30588 +/- 0.000796056

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.765766

param 0 0.181167

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.6551

NDf = 26

Edm = 7.0967e-06

NCalls = 98

p0 = 0.164646 +/- 0.0082361

p1 = 1.25942 +/- 0.0259342

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.794019

param 0 0.164646

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.9701

NDf = 26

Edm = 6.95646e-05

NCalls = 157

p0 = 0.156307 +/- 0.00113532

p1 = 1.22535 +/- 0.000600399

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.816092

param 0 0.156307

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 25.2435

NDf = 26

Edm = 5.10901e-06

NCalls = 161

p0 = 0.170817 +/- 0.00120901

p1 = 1.2716 +/- 0.000365055

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.786408

param 0 0.170817

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 20.2814

NDf = 26

Edm = 0.0123592

NCalls = 108

p0 = 0.180267 +/- 0.00313748

p1 = 1.29787 +/- 0.00861193

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.77049

param 0 0.180267

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 25.6885

NDf = 26

Edm = 3.22161e-05

NCalls = 158

p0 = 0.219537 +/- 0.00160532

p1 = 1.41758 +/- 0.000321685

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.705426

param 0 0.219537

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 38.9868

NDf = 26

Edm = 1.73804e-07

NCalls = 106

p0 = 0.197156 +/- 0.0102284

p1 = 1.3551 +/- 0.0286162

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.737953

param 0 0.197156

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 15.0083

NDf = 26

Edm = 0.000107335

NCalls = 114

p0 = 0.18587 +/- 0.0043897

p1 = 1.32184 +/- 0.0120347

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.75652

param 0 0.18587

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.0866

NDf = 26

Edm = 2.64606e-11

NCalls = 84

p0 = 0.161104 +/- 0.00694463

p1 = 1.05566 +/- 0.0204612

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.947272

param 0 0.161104

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 15.5229

NDf = 26

Edm = 1.20572e-07

NCalls = 67

p0 = 0.148753 +/- 0.00683822

p1 = 1.01488 +/- 0.0213314

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.985336

param 0 0.148753

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.585

NDf = 26

Edm = 6.46327e-06

NCalls = 128

p0 = 0.15644 +/- 0.000922541

p1 = 1.04444 +/- 0.000295397

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.957447

param 0 0.15644

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 34.3229

NDf = 26

Edm = 1.03378e-06

NCalls = 133

p0 = 0.134206 +/- 0.000821981

p1 = 0.974027 +/- 0.000820221

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.02667

param 0 0.134206

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 16.523

NDf = 26

Edm = 3.35818e-06

NCalls = 77

p0 = 0.133232 +/- 0.00540158

p1 = 0.963842 +/- 0.0182921

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.03751

param 0 0.133232

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.8221

NDf = 26

Edm = 6.8905e-06

NCalls = 69

p0 = 0.158888 +/- 0.00630656

p1 = 1.05066 +/- 0.0188954

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.951782

param 0 0.158888

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 35.2379

NDf = 26

Edm = 1.15211e-08

NCalls = 80

p0 = 0.134329 +/- 0.00653478

p1 = 0.977164 +/- 0.0222084

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.02337

param 0 0.134329

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 35.3804

NDf = 26

Edm = 6.36233e-11

NCalls = 73

p0 = 0.143632 +/- 0.0061583

p1 = 1.0106 +/- 0.0199712

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.989511

param 0 0.143632

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 23.1054

NDf = 26

Edm = 5.70244e-07

NCalls = 79

p0 = 0.138063 +/- 0.00631469

p1 = 0.986707 +/- 0.0204682

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.01347

param 0 0.138063

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 30.7684

NDf = 26

Edm = 1.85575e-11

NCalls = 75

p0 = 0.143502 +/- 0.00556648

p1 = 1.00629 +/- 0.0182561

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.993752

param 0 0.143502

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 40.9759

NDf = 26

Edm = 4.95174e-08

NCalls = 67

p0 = 0.147077 +/- 0.00581123

p1 = 1.01505 +/- 0.0180822

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.985171

param 0 0.147077

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.3783

NDf = 26

Edm = 3.24587e-09

NCalls = 91

p0 = 0.137529 +/- 0.00672798

p1 = 0.98167 +/- 0.0221394

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.01867

param 0 0.137529

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 24.2584

NDf = 26

Edm = 1.75507e-08

NCalls = 84

p0 = 0.134655 +/- 0.0055236

p1 = 0.972086 +/- 0.0185258

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.02872

param 0 0.134655

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 16.5695

NDf = 26

Edm = 9.34698e-06

NCalls = 64

p0 = 0.155282 +/- 0.00933359

p1 = 1.03736 +/- 0.0277203

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.963985

param 0 0.155282

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 31.4421

NDf = 26

Edm = 5.54093e-07

NCalls = 122

p0 = 0.142753 +/- 0.000836033

p1 = 1 +/- 0.00010904

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1

param 0 0.142753

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 21.0471

NDf = 26

Edm = 8.90497e-08

NCalls = 68

p0 = 0.147353 +/- 0.0072855

p1 = 1.01593 +/- 0.0226694

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.984323

param 0 0.147353

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 24.353

NDf = 26

Edm = 4.5116e-10

NCalls = 107

p0 = 0.122038 +/- 0.00443201

p1 = 0.826473 +/- 0.0148775

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.20996

param 0 0.122038

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.8539

NDf = 26

Edm = 3.23586e-06

NCalls = 206

p0 = 0.1241 +/- 0.000680053

p1 = 0.829791 +/- 0.000766415

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.20512

param 0 0.1241

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 33.4698

NDf = 26

Edm = 7.62822e-11

NCalls = 141

p0 = 0.121846 +/- 0.00446134

p1 = 0.826609 +/- 0.0149852

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.20976

param 0 0.121846

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 29.5908

NDf = 26

Edm = 1.40656e-05

NCalls = 183

p0 = 0.117539 +/- 0.000626864

p1 = 0.811322 +/- 0.000516777

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.23256

param 0 0.117539

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 19.9548

NDf = 26

Edm = 2.85655e-06

NCalls = 116

p0 = 0.118926 +/- 0.000629802

p1 = 0.813953 +/- 0.000466568

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.22857

param 0 0.118926

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.1179

NDf = 26

Edm = 1.79311e-06

NCalls = 105

p0 = 0.124191 +/- 0.00513857

p1 = 0.832676 +/- 0.0171629

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.20095

param 0 0.124191

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 31.742

NDf = 26

Edm = 1.91969e-06

NCalls = 96

p0 = 0.106956 +/- 0.00389184

p1 = 0.77666 +/- 0.0142383

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.28757

param 0 0.106956

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.6704

NDf = 26

Edm = 3.32507e-09

NCalls = 113

p0 = 0.114092 +/- 0.00500086

p1 = 0.808613 +/- 0.0178439

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.23669

param 0 0.114092

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 29.0115

NDf = 26

Edm = 3.05073e-06

NCalls = 156

p0 = 0.115062 +/- 0.000598489

p1 = 0.802817 +/- 0.000223818

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24561

param 0 0.115062

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.3249

NDf = 26

Edm = 9.25558e-06

NCalls = 94

p0 = 0.122194 +/- 0.00440233

p1 = 0.831908 +/- 0.01486

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.20206

param 0 0.122194

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.5344

NDf = 26

Edm = 1.78024e-09

NCalls = 124

p0 = 0.1126 +/- 0.00423019

p1 = 0.795843 +/- 0.0149245

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25653

param 0 0.1126

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.822

NDf = 26

Edm = 2.9076e-11

NCalls = 133

p0 = 0.118162 +/- 0.00499303

p1 = 0.812055 +/- 0.0172086

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.23144

param 0 0.118162

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 36.5869

NDf = 26

Edm = 6.71353e-07

NCalls = 97

p0 = 0.114589 +/- 0.00477991

p1 = 0.798765 +/- 0.0167263

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25193

param 0 0.114589

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 22.4165

NDf = 26

Edm = 1.20517e-06

NCalls = 144

p0 = 0.111172 +/- 0.00427069

p1 = 0.788504 +/- 0.0153156

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.26822

param 0 0.111172

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 37.5226

NDf = 26

Edm = 2.55638e-06

NCalls = 165

p0 = 0.113214 +/- 0.000600827

p1 = 0.795918 +/- 0.000452232

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25641

param 0 0.113214

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 16.3725

NDf = 26

Edm = 1.70619e-08

NCalls = 131

p0 = 0.113319 +/- 0.00398954

p1 = 0.796197 +/- 0.0140579

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25597

param 0 0.113319

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 94.4861

NDf = 62

Edm = 5.02004e-06

NCalls = 125

p0 = 0.109865 +/- 0.00222113

p1 = 1.14173 +/- 0.00148502

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.875864

param 0 0.109865

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 56.4051

NDf = 62

Edm = 4.68608e-06

NCalls = 121

p0 = 0.108885 +/- 0.00215758

p1 = 1.13793 +/- 0.000268335

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.878788

param 0 0.108885

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 81.0287

NDf = 62

Edm = 4.4715e-05

NCalls = 90

p0 = 0.0860858 +/- 0.00198265

p1 = 1.06154 +/- 0.00105813

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.942029

param 0 0.0860858

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 60.5605

NDf = 62

Edm = 1.33535e-05

NCalls = 102

p0 = 0.0855226 +/- 0.00189391

p1 = 1.07549 +/- 0.00289702

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.929813

param 0 0.0855226

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 81.7546

NDf = 62

Edm = 4.56411e-09

NCalls = 118

p0 = 0.0824627 +/- 0.00374735

p1 = 1.04314 +/- 0.0135236

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.95864

param 0 0.0824627

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 63.1115

NDf = 62

Edm = 0.000588612

NCalls = 126

p0 = 0.0798339 +/- 0.00160039

p1 = 1.04027 +/- 0.00121951

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.961292

param 0 0.0798339

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 89.7853

NDf = 62

Edm = 0.00693539

NCalls = 127

p0 = 0.116867 +/- 0.00159519

p1 = 1.16289 +/- 0.00106508

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.859925

param 0 0.116867

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 77.4286

NDf = 62

Edm = 2.57168e-07

NCalls = 105

p0 = 0.10914 +/- 0.00272838

p1 = 1.14086 +/- 0.0051265

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.876535

param 0 0.10914

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 84.0936

NDf = 62

Edm = 3.14826e-06

NCalls = 119

p0 = 0.134084 +/- 0.00271772

p1 = 1.22026 +/- 0.00108736

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.819496

param 0 0.134084

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 93.6223

NDf = 62

Edm = 3.44772e-07

NCalls = 74

p0 = 0.0832678 +/- 0.00372562

p1 = 1.06195 +/- 0.0134297

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.941665

param 0 0.0832678

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 82.6957

NDf = 62

Edm = 3.29995e-05

NCalls = 146

p0 = 0.13958 +/- 0.00264191

p1 = 1.22798 +/- 0.000631413

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.814346

param 0 0.13958

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 109.999

NDf = 62

Edm = 5.91467e-05

NCalls = 191

p0 = 0.129986 +/- 0.00264403

p1 = 1.20779 +/- 0.00119429

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.827957

param 0 0.129986

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 86.2131

NDf = 62

Edm = 0.00190246

NCalls = 74

p0 = 0.104811 +/- 0.00587499

p1 = 1.14098 +/- 0.0162197

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.87644

param 0 0.104811

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 76.6319

NDf = 62

Edm = 7.77995e-10

NCalls = 110

p0 = 0.106359 +/- 0.0065472

p1 = 1.12368 +/- 0.0192993

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.889931

param 0 0.106359

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 77.326

NDf = 62

Edm = 3.73576e-06

NCalls = 99

p0 = 0.148041 +/- 0.00379793

p1 = 1.25768 +/- 0.00589244

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.795118

param 0 0.148041

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 88.1319

NDf = 62

Edm = 0.000246063

NCalls = 89

p0 = 0.0771547 +/- 0.0013222

p1 = 1.03686 +/- 0.00134327

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.964452

param 0 0.0771547

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 76.7726

NDf = 62

Edm = 0.000807961

NCalls = 96

p0 = 0.179562 +/- 0.00283467

p1 = 1.07752 +/- 0.00222021

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.928061

param 0 0.179562

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 58.551

NDf = 62

Edm = 3.86738e-06

NCalls = 108

p0 = 0.169156 +/- 0.00245768

p1 = 1.05907 +/- 0.0010548

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.944223

param 0 0.169156

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 50.4204

NDf = 62

Edm = 3.61076e-06

NCalls = 144

p0 = 0.149375 +/- 0.00213378

p1 = 1.01482 +/- 0.000703331

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.985401

param 0 0.149375

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 64.77

NDf = 62

Edm = 2.70781e-06

NCalls = 109

p0 = 0.187216 +/- 0.00580222

p1 = 1.10203 +/- 0.0094069

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.907419

param 0 0.187216

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 47.1211

NDf = 62

Edm = 0.00077023

NCalls = 81

p0 = 0.183788 +/- 0.00287717

p1 = 1.08291 +/- 0.0030997

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.92344

param 0 0.183788

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 74.7883

NDf = 62

Edm = 6.48922e-06

NCalls = 126

p0 = 0.170336 +/- 0.00241515

p1 = 1.06349 +/- 0.000191086

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.940299

param 0 0.170336

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 59.6431

NDf = 62

Edm = 9.51347e-11

NCalls = 120

p0 = 0.147228 +/- 0.00586742

p1 = 1.01431 +/- 0.01185

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.985895

param 0 0.147228

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 68.1957

NDf = 62

Edm = 0.00784844

NCalls = 105

p0 = 0.185566 +/- 0.00268647

p1 = 1.09215 +/- 0.000941701

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.915621

param 0 0.185566

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 72.9661

NDf = 62

Edm = 2.22087e-13

NCalls = 68

p0 = 0.170305 +/- 0.00670006

p1 = 1.06243 +/- 0.0117747

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.941237

param 0 0.170305

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 45.1929

NDf = 62

Edm = 5.18316e-06

NCalls = 119

p0 = 0.180948 +/- 0.00258298

p1 = 1.08187 +/- 0.000662242

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.924324

param 0 0.180948

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 52.8481

NDf = 62

Edm = 4.07196e-06

NCalls = 113

p0 = 0.161258 +/- 0.00226975

p1 = 1.03727 +/- 0.00019038

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.964072

param 0 0.161258

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 54.1023

NDf = 62

Edm = 6.83145e-06

NCalls = 119

p0 = 0.182153 +/- 0.00257357

p1 = 1.08072 +/- 0.000295282

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.925311

param 0 0.182153

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 77.0703

NDf = 62

Edm = 2.65472e-09

NCalls = 124

p0 = 0.16482 +/- 0.00577791

p1 = 1.04793 +/- 0.010363

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.954264

param 0 0.16482

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 80.455

NDf = 62

Edm = 7.95194e-06

NCalls = 131

p0 = 0.152341 +/- 0.00217951

p1 = 1.03077 +/- 0.000380883

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.970149

param 0 0.152341

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 76.0939

NDf = 62

Edm = 0.000135846

NCalls = 74

p0 = 0.151761 +/- 0.00265038

p1 = 1.02395 +/- 0.00335491

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.976608

param 0 0.151761

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 64.4513

NDf = 62

Edm = 2.53931e-10

NCalls = 97

p0 = 0.146261 +/- 0.00605314

p1 = 1.0235 +/- 0.0128213

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.97704

param 0 0.146261

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 85.1504

NDf = 62

Edm = 4.13764e-06

NCalls = 73

p0 = 0.221969 +/- 0.00600722

p1 = 0.995114 +/- 0.00788432

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00491

param 0 0.221969

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 60.0152

NDf = 62

Edm = 1.29177e-09

NCalls = 109

p0 = 0.161551 +/- 0.00568009

p1 = 0.905202 +/- 0.00975669

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.10473

param 0 0.161551

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 91.7869

NDf = 62

Edm = 1.18645e-06

NCalls = 132

p0 = 0.24676 +/- 0.00281134

p1 = 1.03209 +/- 0.000513487

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.968912

param 0 0.24676

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 74.8537

NDf = 62

Edm = 6.2687e-06

NCalls = 101

p0 = 0.241883 +/- 0.0028671

p1 = 1.03175 +/- 0.00116965

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.969228

param 0 0.241883

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 91.977

NDf = 62

Edm = 2.88502e-06

NCalls = 108

p0 = 0.271308 +/- 0.00305977

p1 = 1.06704 +/- 0.000166239

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.937173

param 0 0.271308

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 86.6084

NDf = 62

Edm = 1.01292e-07

NCalls = 120

p0 = 0.243772 +/- 0.00278671

p1 = 1.02758 +/- 0.000611707

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.973156

param 0 0.243772

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 79.8501

NDf = 62

Edm = 9.64008e-06

NCalls = 122

p0 = 0.260262 +/- 0.00294774

p1 = 1.04969 +/- 0.000414417

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.952663

param 0 0.260262

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 101.76

NDf = 62

Edm = 9.49225e-06

NCalls = 134

p0 = 0.25626 +/- 0.00291923

p1 = 1.05031 +/- 0.000223152

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.952096

param 0 0.25626

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 73.4245

NDf = 62

Edm = 7.20186e-06

NCalls = 95

p0 = 0.245137 +/- 0.00277264

p1 = 1.03007 +/- 0.000358294

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.970804

param 0 0.245137

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 70.3775

NDf = 62

Edm = 9.26935e-05

NCalls = 174

p0 = 0.19652 +/- 0.00232698

p1 = 0.962265 +/- 0.00138709

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.03922

param 0 0.19652

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 91.1523

NDf = 62

Edm = 6.10637e-06

NCalls = 146

p0 = 0.196352 +/- 0.00251812

p1 = 0.958168 +/- 0.00194083

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.04366

param 0 0.196352

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 62.7845

NDf = 62

Edm = 1.37415e-06

NCalls = 125

p0 = 0.198314 +/- 0.00226256

p1 = 0.959799 +/- 0.000671507

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.04188

param 0 0.198314

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 82.0718

NDf = 62

Edm = 2.41895e-13

NCalls = 109

p0 = 0.248216 +/- 0.00734063

p1 = 1.02995 +/- 0.00874248

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.97092

param 0 0.248216

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 62.5506

NDf = 62

Edm = 8.82921e-10

NCalls = 131

p0 = 0.136064 +/- 0.00695669

p1 = 0.855638 +/- 0.0142824

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.16872

param 0 0.136064

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 83.12

NDf = 62

Edm = 3.74976e-09

NCalls = 119

p0 = 0.227224 +/- 0.00747269

p1 = 1.01322 +/- 0.00998815

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.98695

param 0 0.227224

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 61.3754

NDf = 62

Edm = 2.35541e-06

NCalls = 128

p0 = 0.229048 +/- 0.00260235

p1 = 1.01481 +/- 0.000262536

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.985402

param 0 0.229048

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

* Low 100 Million events:

root [1] hun\_mill\_low()

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 29.7945

NDf = 26

Edm = 1.85937e-07

NCalls = 107

p0 = 0.190558 +/- 0.00401518

p1 = 1.33391 +/- 0.0113577

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.749674

param 0 0.190558

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 17.8703

NDf = 26

Edm = 0.000517286

NCalls = 201

p0 = 0.188316 +/- 0.000491678

p1 = 1.32558 +/- 0.000641133

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.754386

param 0 0.188316

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 42.4596

NDf = 26

Edm = 1.70769e-06

NCalls = 116

p0 = 0.184395 +/- 0.00406509

p1 = 1.31578 +/- 0.0118313

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.760005

param 0 0.184395

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.763

NDf = 26

Edm = 7.02035e-06

NCalls = 161

p0 = 0.195606 +/- 0.000448951

p1 = 1.34568 +/- 0.000305606

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.743119

param 0 0.195606

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 26.4722

NDf = 26

Edm = 8.65433e-06

NCalls = 106

p0 = 0.189408 +/- 0.00451598

p1 = 1.33008 +/- 0.0130397

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.751837

param 0 0.189408

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 29.8216

NDf = 26

Edm = 5.82832e-05

NCalls = 171

p0 = 0.193445 +/- 0.000464687

p1 = 1.34146 +/- 0.000477184

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.745454

param 0 0.193445

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 23.3403

NDf = 26

Edm = 1.58198e-07

NCalls = 115

p0 = 0.18982 +/- 0.0042778

p1 = 1.33043 +/- 0.0122256

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.751634

param 0 0.18982

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 30.9376

NDf = 26

Edm = 1.42776e-08

NCalls = 114

p0 = 0.190897 +/- 0.00452595

p1 = 1.3348 +/- 0.0128173

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.749174

param 0 0.190897

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 12.4429

NDf = 26

Edm = 0.000620341

NCalls = 180

p0 = 0.188462 +/- 0.000439306

p1 = 1.32558 +/- 0.000366878

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.754387

param 0 0.188462

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 24.9019

NDf = 26

Edm = 1.90969e-10

NCalls = 114

p0 = 0.18706 +/- 0.00376851

p1 = 1.32572 +/- 0.0107937

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.754305

param 0 0.18706

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.5102

NDf = 26

Edm = 1.77107e-05

NCalls = 102

p0 = 0.192451 +/- 0.00449896

p1 = 1.33722 +/- 0.0125604

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.747822

param 0 0.192451

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 31.0642

NDf = 26

Edm = 4.50879e-07

NCalls = 187

p0 = 0.186861 +/- 0.000436876

p1 = 1.32099 +/- 0.000384222

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.75701

param 0 0.186861

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 35.842

NDf = 26

Edm = 8.06715e-08

NCalls = 106

p0 = 0.191125 +/- 0.00421304

p1 = 1.33389 +/- 0.011914

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.749688

param 0 0.191125

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 22.4195

NDf = 26

Edm = 2.12888e-10

NCalls = 119

p0 = 0.19006 +/- 0.00421594

p1 = 1.33273 +/- 0.0120037

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.750338

param 0 0.19006

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 36.8329

NDf = 26

Edm = 1.51033e-05

NCalls = 107

p0 = 0.189778 +/- 0.0044486

p1 = 1.33059 +/- 0.0127185

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.751546

param 0 0.189778

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 43.887

NDf = 26

Edm = 5.8578e-05

NCalls = 145

p0 = 0.186351 +/- 0.000631565

p1 = 1.32184 +/- 0.00155767

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.756522

param 0 0.186351

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 31.1991

NDf = 26

Edm = 6.42895e-06

NCalls = 73

p0 = 0.143271 +/- 0.00212863

p1 = 1.0025 +/- 0.00706023

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.997501

param 0 0.143271

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 17.2718

NDf = 26

Edm = 5.56172e-06

NCalls = 73

p0 = 0.14445 +/- 0.00218619

p1 = 1.00396 +/- 0.00716005

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.996055

param 0 0.14445

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 35.571

NDf = 26

Edm = 1.77701e-07

NCalls = 79

p0 = 0.141306 +/- 0.00243763

p1 = 0.995273 +/- 0.00760286

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00475

param 0 0.141306

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 25.4749

NDf = 26

Edm = 5.94756e-06

NCalls = 74

p0 = 0.142342 +/- 0.00236793

p1 = 0.996995 +/- 0.00728529

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00301

param 0 0.142342

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 18.6352

NDf = 26

Edm = 5.55857e-06

NCalls = 75

p0 = 0.138805 +/- 0.00250211

p1 = 0.986963 +/- 0.00808353

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.01321

param 0 0.138805

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 26.3428

NDf = 26

Edm = 1.74731e-08

NCalls = 78

p0 = 0.143151 +/- 0.00220718

p1 = 1.00066 +/- 0.00734774

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.999344

param 0 0.143151

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 16.4374

NDf = 26

Edm = 1.43843e-06

NCalls = 75

p0 = 0.137175 +/- 0.00240401

p1 = 0.98241 +/- 0.00791901

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.01791

param 0 0.137175

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 26.7958

NDf = 26

Edm = 1.42231e-08

NCalls = 79

p0 = 0.139619 +/- 0.00237665

p1 = 0.991154 +/- 0.00756373

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00893

param 0 0.139619

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 16.9682

NDf = 26

Edm = 5.45622e-08

NCalls = 80

p0 = 0.136201 +/- 0.00245157

p1 = 0.97874 +/- 0.008189

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.02172

param 0 0.136201

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.8671

NDf = 26

Edm = 1.49337e-07

NCalls = 73

p0 = 0.144365 +/- 0.00215357

p1 = 1.00592 +/- 0.00702552

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.994119

param 0 0.144365

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.6628

NDf = 26

Edm = 1.82835e-08

NCalls = 76

p0 = 0.137247 +/- 0.00242286

p1 = 0.981248 +/- 0.00800753

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.01911

param 0 0.137247

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 26.7744

NDf = 26

Edm = 5.21146e-07

NCalls = 80

p0 = 0.140483 +/- 0.00251546

p1 = 0.991306 +/- 0.00796341

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00877

param 0 0.140483

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 19.525

NDf = 26

Edm = 4.96123e-08

NCalls = 74

p0 = 0.147313 +/- 0.00215642

p1 = 1.01307 +/- 0.00678886

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.987098

param 0 0.147313

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 20.0669

NDf = 26

Edm = 9.00025e-09

NCalls = 75

p0 = 0.146183 +/- 0.00220358

p1 = 1.01001 +/- 0.00702999

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.990087

param 0 0.146183

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.418

NDf = 26

Edm = 1.81339e-06

NCalls = 75

p0 = 0.141364 +/- 0.00247108

p1 = 0.994725 +/- 0.00769735

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.0053

param 0 0.141364

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 43.7123

NDf = 26

Edm = 3.019e-07

NCalls = 73

p0 = 0.143954 +/- 0.00221536

p1 = 1.00335 +/- 0.00727433

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.996664

param 0 0.143954

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 29.4358

NDf = 26

Edm = 4.58731e-08

NCalls = 116

p0 = 0.114153 +/- 0.00149796

p1 = 0.800756 +/- 0.00525957

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24882

param 0 0.114153

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 17.4347

NDf = 26

Edm = 4.64043e-08

NCalls = 101

p0 = 0.115319 +/- 0.00155454

p1 = 0.802754 +/- 0.00540128

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24571

param 0 0.115319

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 22.9543

NDf = 26

Edm = 4.87814e-07

NCalls = 195

p0 = 0.113284 +/- 0.000188974

p1 = 0.797101 +/- 0.000123268

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25455

param 0 0.113284

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.6046

NDf = 26

Edm = 8.18809e-11

NCalls = 115

p0 = 0.115469 +/- 0.00155053

p1 = 0.803552 +/- 0.00538596

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24447

param 0 0.115469

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 18.3822

NDf = 26

Edm = 4.17759e-09

NCalls = 116

p0 = 0.113634 +/- 0.00152069

p1 = 0.798047 +/- 0.00537623

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25306

param 0 0.113634

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 41.8889

NDf = 26

Edm = 5.64127e-06

NCalls = 161

p0 = 0.1117 +/- 0.00018384

p1 = 0.791045 +/- 6.51016e-05

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.26415

param 0 0.1117

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 23.6855

NDf = 26

Edm = 1.51698e-05

NCalls = 126

p0 = 0.113132 +/- 0.00141114

p1 = 0.796826 +/- 0.00499842

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25498

param 0 0.113132

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.1951

NDf = 26

Edm = 7.22864e-08

NCalls = 129

p0 = 0.115104 +/- 0.00149578

p1 = 0.804864 +/- 0.00523155

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24245

param 0 0.115104

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 22.3256

NDf = 26

Edm = 3.21025e-09

NCalls = 138

p0 = 0.112009 +/- 0.00146288

p1 = 0.792712 +/- 0.00522836

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.26149

param 0 0.112009

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.0332

NDf = 26

Edm = 4.64522e-05

NCalls = 144

p0 = 0.116791 +/- 0.000335021

p1 = 0.809524 +/- 0.000976939

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.23529

param 0 0.116791

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 30.7957

NDf = 26

Edm = 1.26383e-06

NCalls = 144

p0 = 0.110704 +/- 0.000183542

p1 = 0.787234 +/- 0.000101616

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.27027

param 0 0.110704

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 25.6536

NDf = 26

Edm = 2.26227e-06

NCalls = 204

p0 = 0.113663 +/- 0.000187765

p1 = 0.797468 +/- 8.71532e-05

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25397

param 0 0.113663

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 19.7334

NDf = 26

Edm = 1.77722e-09

NCalls = 104

p0 = 0.112971 +/- 0.0015283

p1 = 0.793988 +/- 0.00538896

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25946

param 0 0.112971

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 23.375

NDf = 26

Edm = 1.16376e-06

NCalls = 119

p0 = 0.115516 +/- 0.00160697

p1 = 0.804082 +/- 0.00560875

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24365

param 0 0.115516

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.6336

NDf = 26

Edm = 2.39307e-06

NCalls = 108

p0 = 0.11434 +/- 0.0015084

p1 = 0.800199 +/- 0.00528829

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24969

param 0 0.11434

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 25.9455

NDf = 26

Edm = 3.23785e-06

NCalls = 139

p0 = 0.115378 +/- 0.00019144

p1 = 0.803279 +/- 0.000108546

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.2449

param 0 0.115378

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

root [2]

* High 100 Mil:

root [0] .L new\_testslope.C

root [1] hun\_mill\_high()

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 74.6249

NDf = 62

Edm = 3.68997e-05

NCalls = 135

p0 = 0.177644 +/- 0.00150509

p1 = 1.30962 +/- 0.00220791

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.763578

param 0 0.177644

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 56.2812

NDf = 62

Edm = 4.48229e-05

NCalls = 171

p0 = 0.166711 +/- 0.00115341

p1 = 1.28416 +/- 0.00111196

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.778722

param 0 0.166711

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 69.4542

NDf = 62

Edm = 2.70816e-06

NCalls = 249

p0 = 0.163354 +/- 0.00101486

p1 = 1.27513 +/- 0.000178903

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.784232

param 0 0.163354

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 56.0493

NDf = 62

Edm = 3.71757e-06

NCalls = 197

p0 = 0.179022 +/- 0.0011195

p1 = 1.31579 +/- 0.000143502

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.76

param 0 0.179022

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 61.5368

NDf = 62

Edm = 1.32245e-05

NCalls = 206

p0 = 0.159957 +/- 0.00102151

p1 = 1.27004 +/- 0.000540261

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.787377

param 0 0.159957

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 61.2277

NDf = 62

Edm = 8.77309e-06

NCalls = 153

p0 = 0.177676 +/- 0.000574522

p1 = 1.30622 +/- 0.000283369

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.765568

param 0 0.177676

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 86.6227

NDf = 62

Edm = 2.98433e-06

NCalls = 197

p0 = 0.157154 +/- 0.00120844

p1 = 1.26291 +/- 0.00166512

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.791822

param 0 0.157154

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 74.8013

NDf = 62

Edm = 4.62097e-06

NCalls = 165

p0 = 0.172458 +/- 0.00121509

p1 = 1.29851 +/- 0.00123984

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.770115

param 0 0.172458

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 144.747

NDf = 62

Edm = 4.11929e-06

NCalls = 145

p0 = 0.135829 +/- 0.000849415

p1 = 1.2069 +/- 0.000318446

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.828571

param 0 0.135829

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 89.3997

NDf = 62

Edm = 4.19544e-06

NCalls = 169

p0 = 0.166973 +/- 0.0010752

p1 = 1.28444 +/- 0.000639193

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.778547

param 0 0.166973

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 141.807

NDf = 62

Edm = 8.98698e-10

NCalls = 105

p0 = 0.130026 +/- 0.0029016

p1 = 1.19235 +/- 0.007457

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.838682

param 0 0.130026

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 74.2604

NDf = 62

Edm = 2.73776e-06

NCalls = 171

p0 = 0.198588 +/- 0.00124058

p1 = 1.35146 +/- 0.000202334

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.739938

param 0 0.198588

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 55.3313

NDf = 62

Edm = 7.80333e-06

NCalls = 117

p0 = 0.186303 +/- 0.00485673

p1 = 1.32614 +/- 0.00953733

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.754069

param 0 0.186303

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 88.3928

NDf = 62

Edm = 1.66413e-06

NCalls = 164

p0 = 0.140711 +/- 0.000886814

p1 = 1.22086 +/- 0.000397241

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.819095

param 0 0.140711

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 75.0589

NDf = 62

Edm = 7.52649e-06

NCalls = 139

p0 = 0.193631 +/- 0.00122624

p1 = 1.3445 +/- 0.000454781

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.743772

param 0 0.193631

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 67.8886

NDf = 62

Edm = 8.69218e-07

NCalls = 133

p0 = 0.168947 +/- 0.00162139

p1 = 1.29441 +/- 0.00270793

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.772554

param 0 0.168947

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 74.2516

NDf = 62

Edm = 4.00738e-07

NCalls = 82

p0 = 0.152927 +/- 0.0040378

p1 = 1.02128 +/- 0.0084666

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.979167

param 0 0.152927

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 57.3626

NDf = 62

Edm = 1.34117e-06

NCalls = 179

p0 = 0.147787 +/- 0.000658327

p1 = 1.01026 +/- 0.000133361

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.989848

param 0 0.147787

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 79.5148

NDf = 62

Edm = 4.96571e-06

NCalls = 155

p0 = 0.149555 +/- 0.0006764

p1 = 1.01504 +/- 0.00027371

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.985186

param 0 0.149555

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 43.6706

NDf = 62

Edm = 2.91062e-07

NCalls = 99

p0 = 0.143974 +/- 0.00357894

p1 = 1.00474 +/- 0.0078474

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.99528

param 0 0.143974

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 64.0905

NDf = 62

Edm = 7.01018e-06

NCalls = 150

p0 = 0.154581 +/- 0.000701379

p1 = 1.0262 +/- 0.000221498

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.974468

param 0 0.154581

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 73.9293

NDf = 62

Edm = 2.34771e-07

NCalls = 82

p0 = 0.159254 +/- 0.0043879

p1 = 1.03538 +/- 0.00895027

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.965825

param 0 0.159254

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 70.8854

NDf = 62

Edm = 0.000114775

NCalls = 130

p0 = 0.142274 +/- 0.000691543

p1 = 1 +/- 0.000623953

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1

param 0 0.142274

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 60.657

NDf = 62

Edm = 2.30814e-06

NCalls = 135

p0 = 0.137532 +/- 0.000664427

p1 = 0.989417 +/- 0.000594308

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.0107

param 0 0.137532

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 81.3194

NDf = 62

Edm = 5.26126e-06

NCalls = 159

p0 = 0.144649 +/- 0.000653266

p1 = 1 +/- 0.000124315

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1

param 0 0.144649

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 83.965

NDf = 62

Edm = 1.60098e-06

NCalls = 94

p0 = 0.141276 +/- 0.00426172

p1 = 0.996356 +/- 0.00933727

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00366

param 0 0.141276

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 83.2869

NDf = 62

Edm = 2.54792e-05

NCalls = 116

p0 = 0.149879 +/- 0.000745395

p1 = 1.0155 +/- 0.000817794

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.984732

param 0 0.149879

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 90.0847

NDf = 62

Edm = 3.07453e-06

NCalls = 80

p0 = 0.169938 +/- 0.00423321

p1 = 1.0569 +/- 0.00810965

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.94616

param 0 0.169938

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 53.5505

NDf = 62

Edm = 2.17386e-06

NCalls = 111

p0 = 0.165798 +/- 0.000737904

p1 = 1.0479 +/- 0.000114008

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.954286

param 0 0.165798

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 85.4299

NDf = 62

Edm = 1.08927e-09

NCalls = 109

p0 = 0.141149 +/- 0.00413014

p1 = 0.995814 +/- 0.00907437

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.0042

param 0 0.141149

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 57.4541

NDf = 62

Edm = 3.64597e-06

NCalls = 113

p0 = 0.148044 +/- 0.000978637

p1 = 1.01307 +/- 0.0015621

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.987099

param 0 0.148044

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 73.5399

NDf = 62

Edm = 1.46104e-06

NCalls = 107

p0 = 0.150378 +/- 0.000697349

p1 = 1.0199 +/- 0.000407593

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.980488

param 0 0.150378

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 66.5279

NDf = 62

Edm = 1.34908e-05

NCalls = 165

p0 = 0.118279 +/- 0.000582594

p1 = 0.809522 +/- 0.000663787

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.2353

param 0 0.118279

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 50.9424

NDf = 62

Edm = 1.8803e-06

NCalls = 144

p0 = 0.119139 +/- 0.000609871

p1 = 0.810428 +/- 0.00103232

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.23392

param 0 0.119139

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 58.3851

NDf = 62

Edm = 1.67663e-07

NCalls = 144

p0 = 0.110046 +/- 0.0043548

p1 = 0.789971 +/- 0.0107972

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.26587

param 0 0.110046

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 56.2505

NDf = 62

Edm = 6.64476e-06

NCalls = 129

p0 = 0.130313 +/- 0.00368077

p1 = 0.835822 +/- 0.00798207

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.19643

param 0 0.130313

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 60.8156

NDf = 62

Edm = 8.91214e-07

NCalls = 199

p0 = 0.122735 +/- 0.000590952

p1 = 0.821279 +/- 0.000915473

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.21761

param 0 0.122735

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 79.0186

NDf = 62

Edm = 0.000265787

NCalls = 115

p0 = 0.128196 +/- 0.00206447

p1 = 0.832257 +/- 0.00440757

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.20155

param 0 0.128196

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 78.4767

NDf = 62

Edm = 1.18004e-11

NCalls = 175

p0 = 0.11711 +/- 0.00377232

p1 = 0.806463 +/- 0.00885422

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.23998

param 0 0.11711

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 67.1456

NDf = 62

Edm = 5.22214e-08

NCalls = 166

p0 = 0.114321 +/- 0.00382633

p1 = 0.800611 +/- 0.00911925

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24905

param 0 0.114321

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 67.9627

NDf = 62

Edm = 3.07563e-06

NCalls = 204

p0 = 0.11569 +/- 0.000410822

p1 = 0.800866 +/- 9.94951e-05

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24865

param 0 0.11569

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 44.1598

NDf = 62

Edm = 3.20906e-05

NCalls = 148

p0 = 0.115262 +/- 0.000541931

p1 = 0.802575 +/- 0.000840143

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24599

param 0 0.115262

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 82.179

NDf = 62

Edm = 6.2944e-05

NCalls = 136

p0 = 0.117023 +/- 0.0024011

p1 = 0.807858 +/- 0.00561501

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.23784

param 0 0.117023

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 63.4107

NDf = 62

Edm = 4.44621e-05

NCalls = 197

p0 = 0.116863 +/- 0.00053106

p1 = 0.805715 +/- 0.000732621

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24113

param 0 0.116863

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 86.5655

NDf = 62

Edm = 2.4716e-06

NCalls = 154

p0 = 0.110202 +/- 0.000551983

p1 = 0.790852 +/- 0.000963243

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.26446

param 0 0.110202

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 66.0847

NDf = 62

Edm = 0.000139731

NCalls = 145

p0 = 0.113166 +/- 0.000483998

p1 = 0.797469 +/- 0.000746535

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25397

param 0 0.113166

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 76.3437

NDf = 62

Edm = 0.0178113

NCalls = 157

p0 = 0.124843 +/- 0.00523035

p1 = 0.825504 +/- 0.0132519

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.21138

param 0 0.124843

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 57.2865

NDf = 62

Edm = 2.48496e-06

NCalls = 166

p0 = 0.133592 +/- 0.000501039

p1 = 0.843972 +/- 0.000352018

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.18487

param 0 0.133592

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

root [2]

root [2]

* 5 mill events:

------------------------------------------------------------------

root [0] .L new\_testslope.C

root [1] five\_mill()

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 22.5736

NDf = 26

Edm = 4.95982e-06

NCalls = 106

p0 = 0.171337 +/- 0.0108315

p1 = 1.27724 +/- 0.0323752

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.782936

param 0 0.171337

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 21.8686

NDf = 26

Edm = 2.37033e-06

NCalls = 165

p0 = 0.207653 +/- 0.00208388

p1 = 1.38202 +/- 0.000466837

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.723577

param 0 0.207653

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 36.0014

NDf = 26

Edm = 5.20069e-06

NCalls = 134

p0 = 0.191361 +/- 0.00192374

p1 = 1.33898 +/- 0.000465122

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.746835

param 0 0.191361

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 29.3727

NDf = 26

Edm = 4.24342e-06

NCalls = 152

p0 = 0.176388 +/- 0.0017617

p1 = 1.29213 +/- 0.000262351

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.773913

param 0 0.176388

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 23.1695

NDf = 26

Edm = 2.41747e-06

NCalls = 140

p0 = 0.1611 +/- 0.00160531

p1 = 1.23881 +/- 0.000405502

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.807229

param 0 0.1611

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 41.305

NDf = 26

Edm = 5.88614e-10

NCalls = 130

p0 = 0.186657 +/- 0.0114687

p1 = 1.33139 +/- 0.0337028

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.751097

param 0 0.186657

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 23.7994

NDf = 26

Edm = 7.40732e-07

NCalls = 130

p0 = 0.155636 +/- 0.00171259

p1 = 1.22988 +/- 0.00232144

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.813085

param 0 0.155636

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 38.4424

NDf = 26

Edm = 7.62797e-09

NCalls = 129

p0 = 0.206695 +/- 0.012014

p1 = 1.39009 +/- 0.0318636

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.719379

param 0 0.206695

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 21.3142

NDf = 26

Edm = 4.33096e-06

NCalls = 113

p0 = 0.172951 +/- 0.0110788

p1 = 1.28197 +/- 0.0334486

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.780049

param 0 0.172951

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 27.3351

NDf = 26

Edm = 7.54025e-08

NCalls = 154

p0 = 0.154303 +/- 0.0015381

p1 = 1.21918 +/- 0.000277563

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.820225

param 0 0.154303

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 18.0807

NDf = 26

Edm = 1.67254e-07

NCalls = 199

p0 = 0.183076 +/- 0.00182094

p1 = 1.30986 +/- 0.000281007

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.763441

param 0 0.183076

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 37.3985

NDf = 26

Edm = 5.3258e-07

NCalls = 126

p0 = 0.15212 +/- 0.00153831

p1 = 1.21818 +/- 0.000714555

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.820895

param 0 0.15212

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 22.2087

NDf = 26

Edm = 7.65751e-06

NCalls = 206

p0 = 0.179294 +/- 0.00178538

p1 = 1.29474 +/- 0.00022543

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.772358

param 0 0.179294

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 16.2091

NDf = 26

Edm = 3.77097e-06

NCalls = 172

p0 = 0.215838 +/- 0.00216133

p1 = 1.4086 +/- 0.000171845

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.709924

param 0 0.215838

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 44.2549

NDf = 26

Edm = 3.46761e-10

NCalls = 97

p0 = 0.169008 +/- 0.011779

p1 = 1.2771 +/- 0.0362306

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.783026

param 0 0.169008

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 23.5505

NDf = 26

Edm = 2.50014e-06

NCalls = 154

p0 = 0.222991 +/- 0.00225711

p1 = 1.43038 +/- 0.000349403

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.699115

param 0 0.222991

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 36.6225

NDf = 26

Edm = 9.58184e-09

NCalls = 66

p0 = 0.162947 +/- 0.00836795

p1 = 1.06125 +/- 0.0241647

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.942283

param 0 0.162947

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 17.2607

NDf = 26

Edm = 4.41562e-11

NCalls = 73

p0 = 0.147468 +/- 0.00740112

p1 = 1.01073 +/- 0.0231888

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.98938

param 0 0.147468

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.9083

NDf = 26

Edm = 0.0206986

NCalls = 96

p0 = 0.155375 +/- 0.00123492

p1 = 1.04255 +/- 0.00133485

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.959183

param 0 0.155375

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 36.47

NDf = 26

Edm = 1.63244e-06

NCalls = 97

p0 = 0.122981 +/- 0.00123038

p1 = 0.936843 +/- 0.00248176

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.06742

param 0 0.122981

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 24.1678

NDf = 26

Edm = 1.13706e-06

NCalls = 132

p0 = 0.156806 +/- 0.00135688

p1 = 1.04255 +/- 0.00124743

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.959182

param 0 0.156806

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 36.5787

NDf = 26

Edm = 1.68944e-06

NCalls = 127

p0 = 0.17055 +/- 0.00146297

p1 = 1.08955 +/- 0.00103544

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.917809

param 0 0.17055

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 34.2085

NDf = 26

Edm = 8.91327e-05

NCalls = 94

p0 = 0.155846 +/- 0.00204951

p1 = 1.04445 +/- 0.00283302

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.957443

param 0 0.155846

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 30.9753

NDf = 26

Edm = 5.24125e-06

NCalls = 68

p0 = 0.146314 +/- 0.00768207

p1 = 1.02153 +/- 0.0238049

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.978923

param 0 0.146314

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 22.9685

NDf = 26

Edm = 1.22527e-07

NCalls = 73

p0 = 0.141019 +/- 0.00880421

p1 = 0.994863 +/- 0.0273674

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00516

param 0 0.141019

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 31.3046

NDf = 26

Edm = 5.21165e-07

NCalls = 162

p0 = 0.119257 +/- 0.0011349

p1 = 0.91837 +/- 0.00207757

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.08889

param 0 0.119257

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 24.9714

NDf = 26

Edm = 6.58997e-06

NCalls = 133

p0 = 0.129472 +/- 0.00106467

p1 = 0.957447 +/- 0.000435298

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.04444

param 0 0.129472

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 44.6192

NDf = 26

Edm = 3.72914e-11

NCalls = 73

p0 = 0.14585 +/- 0.00802223

p1 = 1.01091 +/- 0.0258588

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.989206

param 0 0.14585

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 19.8005

NDf = 26

Edm = 6.72102e-06

NCalls = 177

p0 = 0.129902 +/- 0.00107759

p1 = 0.956044 +/- 0.000303485

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.04598

param 0 0.129902

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 11.9943

NDf = 26

Edm = 2.51943e-07

NCalls = 97

p0 = 0.164756 +/- 0.0108667

p1 = 1.06596 +/- 0.0310406

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.938125

param 0 0.164756

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 25.3692

NDf = 26

Edm = 8.63676e-07

NCalls = 177

p0 = 0.162614 +/- 0.00136308

p1 = 1.06316 +/- 0.000621251

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.940595

param 0 0.162614

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 21.8312

NDf = 26

Edm = 1.79061e-06

NCalls = 120

p0 = 0.149683 +/- 0.00153063

p1 = 1.0241 +/- 0.00272344

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.976465

param 0 0.149683

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.8783

NDf = 26

Edm = 2.88998e-07

NCalls = 158

p0 = 0.130349 +/- 0.00104232

p1 = 0.853661 +/- 0.00134622

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.17143

param 0 0.130349

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 24.5439

NDf = 26

Edm = 1.13672e-07

NCalls = 136

p0 = 0.120252 +/- 0.00523667

p1 = 0.817605 +/- 0.0174683

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.22308

param 0 0.120252

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 40.9029

NDf = 26

Edm = 0.000246215

NCalls = 168

p0 = 0.122765 +/- 0.00127118

p1 = 0.830512 +/- 0.0012613

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.20408

param 0 0.122765

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 33.3054

NDf = 26

Edm = 5.50943e-10

NCalls = 111

p0 = 0.112802 +/- 0.00643374

p1 = 0.799094 +/- 0.0228761

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25142

param 0 0.112802

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 23.4865

NDf = 26

Edm = 1.0387e-06

NCalls = 184

p0 = 0.124552 +/- 0.0009181

p1 = 0.835616 +/- 0.000319789

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.19672

param 0 0.124552

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.0914

NDf = 26

Edm = 1.97629e-07

NCalls = 120

p0 = 0.118141 +/- 0.00678185

p1 = 0.816567 +/- 0.023445

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.22464

param 0 0.118141

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 30.758

NDf = 26

Edm = 1.87939e-06

NCalls = 152

p0 = 0.107113 +/- 0.000797046

p1 = 0.774648 +/- 0.000493509

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.29091

param 0 0.107113

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 19.6584

NDf = 26

Edm = 3.86854e-06

NCalls = 94

p0 = 0.110727 +/- 0.00670548

p1 = 0.798478 +/- 0.0243853

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25238

param 0 0.110727

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 32.2202

NDf = 26

Edm = 1.16056e-06

NCalls = 158

p0 = 0.115947 +/- 0.000851842

p1 = 0.803922 +/- 0.00031658

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.2439

param 0 0.115947

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 35.9219

NDf = 26

Edm = 1.54714e-07

NCalls = 104

p0 = 0.105567 +/- 0.00504879

p1 = 0.773387 +/- 0.0188258

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.29301

param 0 0.105567

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 25.1409

NDf = 26

Edm = 4.31169e-07

NCalls = 180

p0 = 0.105156 +/- 0.000781314

p1 = 0.770492 +/- 0.000457307

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.29787

param 0 0.105156

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 36.7195

NDf = 26

Edm = 1.49253e-05

NCalls = 140

p0 = 0.143322 +/- 0.00112991

p1 = 0.892473 +/- 0.00123568

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.12048

param 0 0.143322

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 36.3069

NDf = 26

Edm = 4.26648e-06

NCalls = 99

p0 = 0.108129 +/- 0.00578835

p1 = 0.774008 +/- 0.0211395

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.29198

param 0 0.108129

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 18.4699

NDf = 26

Edm = 2.01581e-05

NCalls = 206

p0 = 0.115353 +/- 0.000752234

p1 = 0.804878 +/- 0.000612347

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.24242

param 0 0.115353

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 20.3089

NDf = 26

Edm = 2.29403e-06

NCalls = 257

p0 = 0.10944 +/- 0.000809526

p1 = 0.783133 +/- 0.000372682

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.27692

param 0 0.10944

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 28.605

NDf = 26

Edm = 0.00168023

NCalls = 223

p0 = 0.113274 +/- 0.000843785

p1 = 0.796604 +/- 0.000509784

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.25533

param 0 0.113274

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 77.7205

NDf = 61

Edm = 0.00247803

NCalls = 103

p0 = 0.165282 +/- 0.00482268

p1 = 1.28821 +/- 0.00146966

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.776269

param 0 0.165282

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 57.7665

NDf = 62

Edm = 0.000111886

NCalls = 150

p0 = 0.208073 +/- 0.00605202

p1 = 1.38863 +/- 0.000813658

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.720135

param 0 0.208073

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 62.0411

NDf = 62

Edm = 856307

NCalls = 43

p0 = 0.167661 +/- 0.00478655

p1 = 1.29715 +/- 4.0268

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.770921

param 0 0.167661

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 64.9789

NDf = 62

Edm = 9.80023e-07

NCalls = 107

p0 = 0.0800808 +/- 0.00278837

p1 = 1.07443 +/- 0.00607338

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.930726

param 0 0.0800808

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 97.528

NDf = 62

Edm = 0.000680216

NCalls = 114

p0 = 0.149771 +/- 0.00440395

p1 = 1.26601 +/- 0.00216759

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.789883

param 0 0.149771

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 97.9091

NDf = 62

Edm = 3.96597e-06

NCalls = 133

p0 = 0.077991 +/- 0.00223042

p1 = 1.04184 +/- 0.000164953

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.959839

param 0 0.077991

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 79.6639

NDf = 62

Edm = 7.16937e-05

NCalls = 99

p0 = 0.0948241 +/- 0.00295362

p1 = 1.09599 +/- 0.0043132

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.91242

param 0 0.0948241

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 118.981

NDf = 62

Edm = 7.22595e-05

NCalls = 137

p0 = 0.107988 +/- 0.00339977

p1 = 1.1561 +/- 8.32773e-05

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.864978

param 0 0.107988

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 88.5417

NDf = 62

Edm = 4.30376e-05

NCalls = 89

p0 = 0.0783442 +/- 0.00228239

p1 = 1.03306 +/- 0.00214112

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.967999

param 0 0.0783442

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 66.4546

NDf = 62

Edm = 2.60187e-16

NCalls = 151

p0 = 0.0813004 +/- 0.00394433

p1 = 1.05143 +/- 0.0128219

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.951085

param 0 0.0813004

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 91.8649

NDf = 62

Edm = 1.9503e-06

NCalls = 201

p0 = 0.0824236 +/- 0.00237684

p1 = 1.05797 +/- 0.000224125

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.945205

param 0 0.0824236

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 126.625

NDf = 62

Edm = 348076

NCalls = 41

p0 = 0.0770165 +/- 0.00243629

p1 = 1.0513 +/- 2.98089

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.951207

param 0 0.0770165

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 82.2734

NDf = 62

Edm = 0.00542175

NCalls = 104

p0 = 0.12952 +/- 0.00434531

p1 = 1.23321 +/- 0.00519712

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.810894

param 0 0.12952

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 87.0244

NDf = 62

Edm = 1.3087e-12

NCalls = 123

p0 = 0.152132 +/- 0.00877947

p1 = 1.27565 +/- 0.0183425

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.783912

param 0 0.152132

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 78.0569

NDf = 61

Edm = 1.89541e-08

NCalls = 164

p0 = 0.13028 +/- 0.00395495

p1 = 1.22047 +/- 0.00343409

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.819355

param 0 0.13028

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 46.7198

NDf = 62

Edm = 3.10879e-06

NCalls = 144

p0 = 0.154869 +/- 0.00442366

p1 = 1.27692 +/- 0.000248354

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.783133

param 0 0.154869

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

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Minimizer is Minuit2 / Migrad

Chi2 = 95.5578

NDf = 62

Edm = 2.50472e-06

NCalls = 89

p0 = 0.194292 +/- 0.0055696

p1 = 1.1122 +/- 0.00728321

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.899122

param 0 0.194292

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 46.5969

NDf = 62

Edm = 2.04219e-11

NCalls = 109

p0 = 0.154465 +/- 0.006582

p1 = 1.04125 +/- 0.0116278

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.960385

param 0 0.154465

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 41.8344

NDf = 62

Edm = 2.57714e-06

NCalls = 84

p0 = 0.146625 +/- 0.00650109

p1 = 1.00594 +/- 0.0124034

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.994091

param 0 0.146625

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 55.7123

NDf = 62

Edm = 8.56821e-08

NCalls = 125

p0 = 0.190934 +/- 0.00390044

p1 = 1.11613 +/- 0.000138204

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.895954

param 0 0.190934

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 67.3906

NDf = 62

Edm = 0.000122783

NCalls = 106

p0 = 0.252271 +/- 0.00513262

p1 = 1.19555 +/- 0.00233579

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.836437

param 0 0.252271

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

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Minimizer is Minuit2 / Migrad

Chi2 = 64.7957

NDf = 62

Edm = 0.00010211

NCalls = 102

p0 = 0.231435 +/- 0.00489886

p1 = 1.16744 +/- 0.00137052

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.856577

param 0 0.231435

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 57.7499

NDf = 62

Edm = 8.53438e-07

NCalls = 118

p0 = 0.162229 +/- 0.00326443

p1 = 1.04651 +/- 0.000536268

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.955556

param 0 0.162229

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 84.8247

NDf = 62

Edm = 6.37516e-06

NCalls = 111

p0 = 0.230668 +/- 0.00477322

p1 = 1.17085 +/- 0.00051614

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.854077

param 0 0.230668

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 69.0178

NDf = 62

Edm = 4.81281e-06

NCalls = 132

p0 = 0.171108 +/- 0.00347337

p1 = 1.06335 +/- 0.000322299

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.940426

param 0 0.171108

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 38.8088

NDf = 62

Edm = 2.97204e-07

NCalls = 92

p0 = 0.195582 +/- 0.00686425

p1 = 1.10932 +/- 0.00986201

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.901457

param 0 0.195582

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 61.7104

NDf = 62

Edm = 2.31059e-05

NCalls = 111

p0 = 0.137204 +/- 0.003164

p1 = 0.988825 +/- 0.00328131

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.0113

param 0 0.137204

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 60.0908

NDf = 62

Edm = 3.00971e-05

NCalls = 120

p0 = 0.242714 +/- 0.00565047

p1 = 1.18705 +/- 0.00397791

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.842422

param 0 0.242714

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 77.59

NDf = 62

Edm = 7.75915e-06

NCalls = 92

p0 = 0.162846 +/- 0.00334245

p1 = 1.04831 +/- 0.00144625

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.953918

param 0 0.162846

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 94.1171

NDf = 62

Edm = 1.06962e-07

NCalls = 111

p0 = 0.1518 +/- 0.00312189

p1 = 1.03727 +/- 0.000695508

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.964072

param 0 0.1518

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 68.6821

NDf = 62

Edm = 1.24409e-06

NCalls = 114

p0 = 0.156211 +/- 0.00313614

p1 = 1.03361 +/- 0.00037418

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.96748

param 0 0.156211

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 71.864

NDf = 62

Edm = 1.36694e-08

NCalls = 110

p0 = 0.12865 +/- 0.00629483

p1 = 0.992289 +/- 0.0144263

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.00777

param 0 0.12865

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 107.177

NDf = 62

Edm = 6.9297e-05

NCalls = 81

p0 = 0.306831 +/- 0.00560819

p1 = 1.1062 +/- 0.00269205

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.903999

param 0 0.306831

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 70.1016

NDf = 62

Edm = 5.78666e-06

NCalls = 103

p0 = 0.242215 +/- 0.00397593

p1 = 1.03756 +/- 0.000693745

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.9638

param 0 0.242215

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 59.7969

NDf = 62

Edm = 8.48612e-08

NCalls = 114

p0 = 0.22604 +/- 0.00825872

p1 = 1.00415 +/- 0.0103438

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.995866

param 0 0.22604

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 80.4716

NDf = 62

Edm = 8.23388e-06

NCalls = 98

p0 = 0.245112 +/- 0.00420049

p1 = 1.04233 +/- 0.0018778

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.959386

param 0 0.245112

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 71.2378

NDf = 62

Edm = 1.40858e-05

NCalls = 104

p0 = 0.276039 +/- 0.0045357

p1 = 1.07441 +/- 0.00124827

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.93074

param 0 0.276039

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 84.3419

NDf = 62

Edm = 0.000510802

NCalls = 94

p0 = 0.234185 +/- 0.00446991

p1 = 1.01599 +/- 0.00346103

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.984259

param 0 0.234185

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 54.0638

NDf = 62

Edm = 5.27766e-06

NCalls = 165

p0 = 0.173139 +/- 0.00279348

p1 = 0.923403 +/- 0.000760645

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.08295

param 0 0.173139

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 71.5969

NDf = 62

Edm = 0.000346229

NCalls = 149

p0 = 0.149881 +/- 0.00291311

p1 = 0.887317 +/- 0.00255596

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.12699

param 0 0.149881

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 78.0517

NDf = 62

Edm = 6.56849e-06

NCalls = 102

p0 = 0.254715 +/- 0.00409038

p1 = 1.04329 +/- 0.000494277

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.958507

param 0 0.254715

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 53.7943

NDf = 62

Edm = 3.56737e-06

NCalls = 133

p0 = 0.271875 +/- 0.00446241

p1 = 1.06634 +/- 0.00136322

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.937787

param 0 0.271875

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 62.7788

NDf = 62

Edm = 1.90717e-06

NCalls = 100

p0 = 0.230472 +/- 0.00369862

p1 = 1.00873 +/- 0.000357183

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.991342

param 0 0.230472

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 89.4813

NDf = 62

Edm = 4.91717e-06

NCalls = 110

p0 = 0.254415 +/- 0.00410333

p1 = 1.05106 +/- 0.000399906

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.951417

param 0 0.254415

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 81.1259

NDf = 62

Edm = 0.000139304

NCalls = 75

p0 = 0.240287 +/- 0.00437596

p1 = 1.02984 +/- 0.00244823

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.971028

param 0 0.240287

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 60.4401

NDf = 62

Edm = 6.86747e-06

NCalls = 130

p0 = 0.203653 +/- 0.00330508

p1 = 0.973854 +/- 0.000898769

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 1.02685

param 0 0.203653

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 77.4454

NDf = 62

Edm = 8.44247e-11

NCalls = 76

p0 = 0.218446 +/- 0.00812636

p1 = 1.00263 +/- 0.0107893

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.997375

param 0 0.218446

Warning in <TFile::Append>: Replacing existing TH1: h1 (Potential memory leak).

Warning in <TFile::Append>: Replacing existing TH1: h2 (Potential memory leak).

Warning in <Fit>: Abnormal termination of minimization.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Invalid FitResult (status = 3 )

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Minimizer is Minuit2 / Migrad

Chi2 = 85.0926

NDf = 62

Edm = 5.90873e-06

NCalls = 89

p0 = 0.237403 +/- 0.00404271

p1 = 1.04103 +/- 0.00100587

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

==== ratio is 0.960591

param 0 0.237403

Error in <TFile::WriteTObject>: Directory l3all\_oe.root is not writable

root [2]