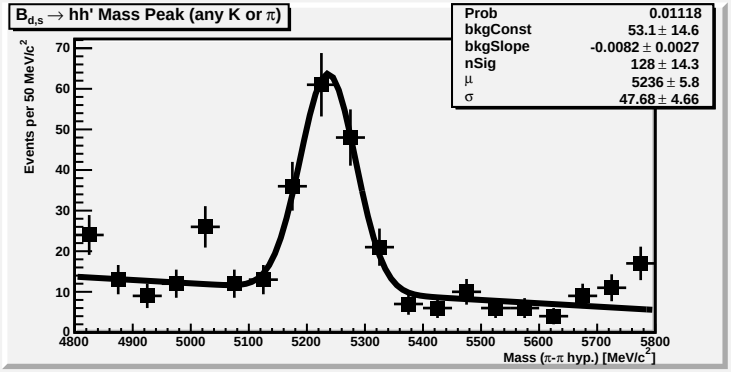
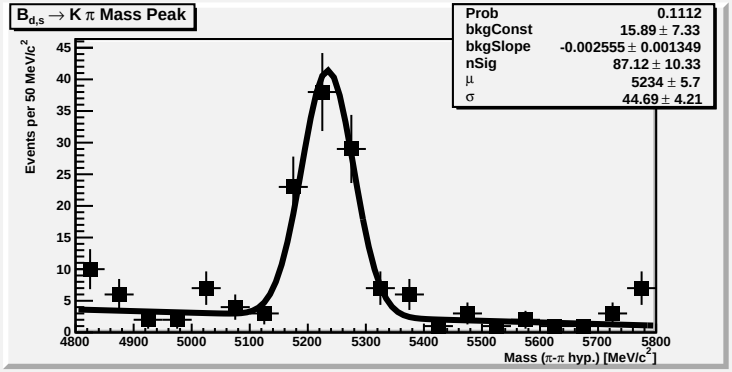
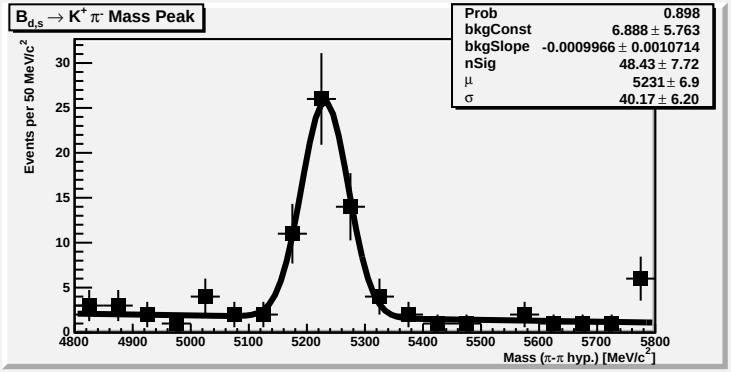
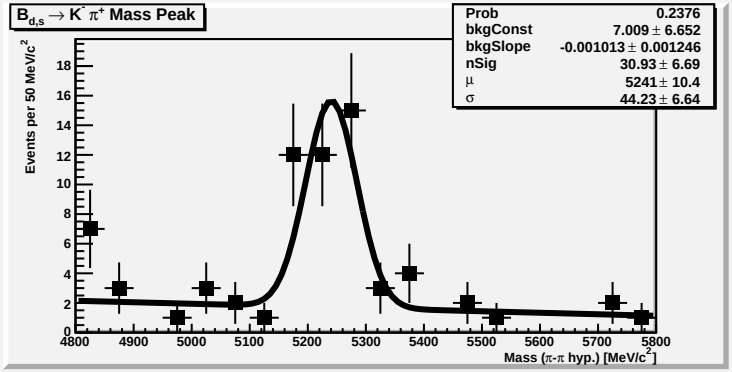
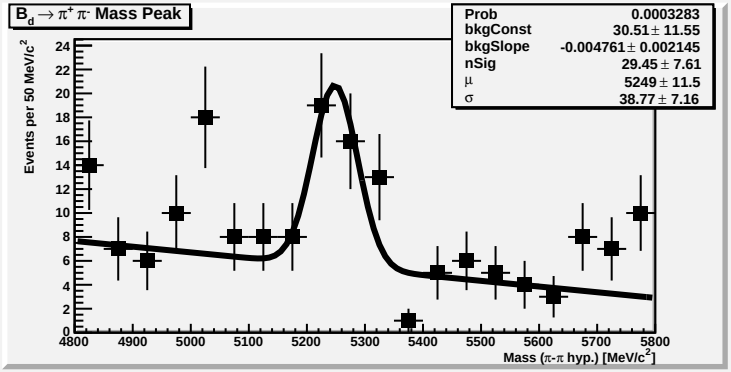
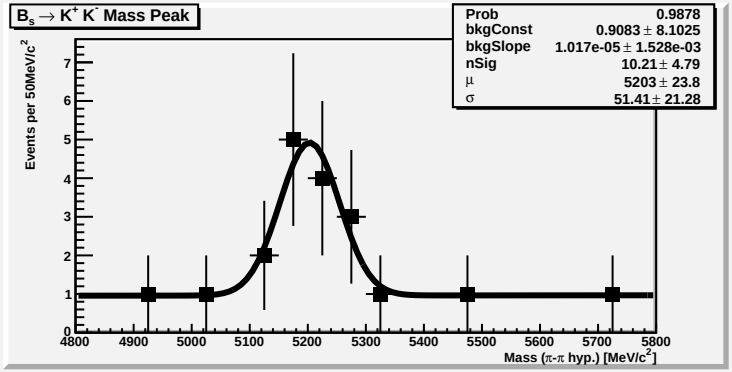

$B_{d,s} \to hh'$ Mass Peak (any K or π)
Prob 0.01118
bkgConst 53.1 ± 14.6
bkgSlope -0.0082 ± 0.0027
nSig 128 ± 14.3
μ 5236 ± 5.8
σ 47.68 ± 4.66
Events per 50 MeV/c^2
Mass (π-π hyp.) [MeV/c^2]


$B_{d,s} \to K\pi$ Mass Peak
Prob 0.1112
bkgConst 15.89 ± 7.33
bkgSlope -0.002555 ± 0.001349
nSig 87.12 ± 10.33
μ 5234 ± 5.7
σ 44.69 ± 4.21
Events per 50 MeV/c^2
Mass (π-π hyp.) [MeV/c^2]


$B_{d,s} \to K^+\pi^-$ Mass Peak
Prob 0.898
bkgConst 6.888 ± 5.763
bkgSlope -0.0009966 ± 0.0010714
nSig 48.43 ± 7.72
μ 5231 ± 6.9
σ 40.17 ± 6.20
Events per 50 MeV/c^2
Mass (π-π hyp.) [MeV/c^2]


$B_{d,s} \to K^-\pi^+$ Mass Peak
Prob 0.2376
bkgConst 7.009 ± 6.652
bkgSlope -0.001013 ± 0.001246
nSig 30.93 ± 6.69
μ 5241 ± 10.4
σ 44.23 ± 6.64
Events per 50 MeV/c^2
Mass (π-π hyp.) [MeV/c^2]


$B_d \to \pi^+\pi^-$ Mass Peak
Prob 0.0003283
bkgConst 30.51 ± 11.55
bkgSlope -0.004761 ± 0.002145
nSig 29.45 ± 7.61
μ 5249 ± 11.5
σ 38.77 ± 7.16
Events per 50 MeV/c^2
Mass (π-π hyp.) [MeV/c^2]


$B_s \to K^+K^-$ Mass Peak
Prob 0.9878
bkgConst 0.9083 ± 8.1025
bkgSlope 1.017e-05 ± 1.528e-03
nSig 10.21 ± 4.79
μ 5203 ± 23.8
σ 51.41 ± 21.28
Events per 50MeV/c^2
Mass (π-π hyp.) [MeV/c^2]