

		GL bin				
		[0, 0.25]	[0.25, 0.5]	[0.5, 0.75]	[0.75, 1]	
Invariant mass bin (MeV/c ²)	[-60, -40]	Exp. bkg.	56.9 ^{+1.1} _{-1.1}	1.31 ^{+0.19} _{-0.17}	0.282 ^{+0.076} _{-0.065}	0.016 ^{+0.021} _{-0.010}
		Exp. sig.	0.0076 ^{+0.0034} _{-0.0030}	0.0050 ^{+0.0027} _{-0.0020}	0.0037 ^{+0.0015} _{-0.0011}	0.0047 ^{+0.0015} _{-0.0010}
		Observed	39	2	1	0
	[-40, -20]	Exp. bkg.	56.1 ^{+1.1} _{-1.1}	1.28 ^{+0.18} _{-0.17}	0.269 ^{+0.072} _{-0.062}	0.0151 ^{+0.0195} _{-0.0094}
		Exp. sig.	0.0220 ^{+0.0084} _{-0.0081}	0.0146 ^{+0.0067} _{-0.0054}	0.0107 ^{+0.0036} _{-0.0027}	0.0138 ^{+0.0035} _{-0.0025}
		Observed	55	2	0	0
	[-20, 0]	Exp. bkg.	55.3 ^{+1.1} _{-1.1}	1.24 ^{+0.17} _{-0.16}	0.257 ^{+0.069} _{-0.059}	0.0139 ^{+0.0179} _{-0.0086}
		Exp. sig.	0.038 ^{+0.015} _{-0.015}	0.025 ^{+0.012} _{-0.010}	0.0183 ^{+0.0063} _{-0.0047}	0.0235 ^{+0.0060} _{-0.0044}
		Observed	73	0	0	0
	[0, 20]	Exp. bkg.	54.4 ^{+1.1} _{-1.1}	1.21 ^{+0.17} _{-0.16}	0.246 ^{+0.066} _{-0.057}	0.0128 ^{+0.0165} _{-0.0080}
		Exp. sig.	0.038 ^{+0.015} _{-0.015}	0.025 ^{+0.012} _{-0.010}	0.0183 ^{+0.0063} _{-0.0047}	0.0235 ^{+0.0060} _{-0.0044}
		Observed	60	0	0	0
[20, 40]	Exp. bkg.	53.6 ^{+1.1} _{-1.0}	1.18 ^{+0.17} _{-0.15}	0.235 ^{+0.063} _{-0.054}	0.0118 ^{+0.0152} _{-0.0073}	
	Exp. sig.	0.0220 ^{+0.0084} _{-0.0081}	0.0146 ^{+0.0067} _{-0.0054}	0.0107 ^{+0.0036} _{-0.0027}	0.0138 ^{+0.0035} _{-0.0025}	
	Observed	53	2	0	0	
[40, 60]	Exp. bkg.	52.8 ^{+1.0} _{-1.0}	1.14 ^{+0.16} _{-0.15}	0.224 ^{+0.060} _{-0.052}	0.0108 ^{+0.0140} _{-0.0068}	
	Exp. sig.	0.0076 ^{+0.0031} _{-0.0027}	0.0050 ^{+0.0025} _{-0.0019}	0.0037 ^{+0.0013} _{-0.0010}	0.0047 ^{+0.0013} _{-0.0010}	
	Observed	55	1	0	0	