

		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.	60.8 ^{+1.2} _{-1.1}	1.48 ^{+0.19} _{-0.18}	0.345 ^{+0.084} _{-0.073}	0.024 ^{+0.027} _{-0.014}
		Exp. sig.	0.00090 ^{+0.00036} _{-0.00035}	0.00060 ^{+0.00029} _{-0.00023}	0.00044 ^{+0.00016} _{-0.00012}	0.00056 ^{+0.00015} _{-0.00011}
		Observed	59	2	0	0
	[-40, -20]	Exp. bkg.	59.9 ^{+1.1} _{-1.1}	1.44 ^{+0.19} _{-0.17}	0.329 ^{+0.080} _{-0.070}	0.022 ^{+0.024} _{-0.013}
		Exp. sig.	0.00263 ^{+0.00093} _{-0.00093}	0.00174 ^{+0.00076} _{-0.00061}	0.00128 ^{+0.00038} _{-0.00030}	0.00164 ^{+0.00035} _{-0.00025}
		Observed	67	0	0	0
	[-20, 0]	Exp. bkg.	59.0 ^{+1.1} _{-1.1}	1.40 ^{+0.18} _{-0.17}	0.315 ^{+0.077} _{-0.067}	0.020 ^{+0.022} _{-0.012}
		Exp. sig.	0.0045 ^{+0.0017} _{-0.0017}	0.0030 ^{+0.0014} _{-0.0011}	0.00219 ^{+0.00067} _{-0.00054}	0.00280 ^{+0.00060} _{-0.00045}
		Observed	56	2	0	0
	[0, 20]	Exp. bkg.	58.1 ^{+1.1} _{-1.1}	1.36 ^{+0.18} _{-0.16}	0.300 ^{+0.073} _{-0.064}	0.019 ^{+0.021} _{-0.011}
		Exp. sig.	0.0045 ^{+0.0017} _{-0.0017}	0.0030 ^{+0.0014} _{-0.0011}	0.00219 ^{+0.00067} _{-0.00054}	0.00280 ^{+0.00060} _{-0.00045}
		Observed	60	0	0	0
[20, 40]	Exp. bkg.	57.3 ^{+1.1} _{-1.1}	1.33 ^{+0.17} _{-0.16}	0.287 ^{+0.070} _{-0.061}	0.017 ^{+0.019} _{-0.010}	
	Exp. sig.	0.00263 ^{+0.00093} _{-0.00093}	0.00174 ^{+0.00076} _{-0.00061}	0.00128 ^{+0.00038} _{-0.00030}	0.00164 ^{+0.00035} _{-0.00025}	
	Observed	42	2	1	0	
[40, 60]	Exp. bkg.	56.4 ^{+1.1} _{-1.1}	1.29 ^{+0.17} _{-0.16}	0.274 ^{+0.067} _{-0.058}	0.0158 ^{+0.0175} _{-0.0094}	
	Exp. sig.	0.00090 ^{+0.00033} _{-0.00032}	0.00060 ^{+0.00027} _{-0.00021}	0.00044 ^{+0.00014} _{-0.00011}	0.00056 ^{+0.00013} _{-0.00010}	
	Observed	49	2	0	0	