

		GL bin				
		[0, 0.25]	[0.25, 0.5]	[0.5, 0.75]	[0.75, 1]	
Invariant mass bin ( MeV/c <sup>2</sup> )	[-60, -40]	Exp. bkg.	60.8 <sup>+1.2</sup> <sub>-1.1</sub>	1.48 <sup>+0.19</sup> <sub>-0.18</sub>	0.345 <sup>+0.084</sup> <sub>-0.073</sub>	0.024 <sup>+0.027</sup> <sub>-0.014</sub>
		Exp. sig.	0.00090 <sup>+0.00036</sup> <sub>-0.00035</sub>	0.00060 <sup>+0.00029</sup> <sub>-0.00023</sub>	0.00044 <sup>+0.00016</sup> <sub>-0.00012</sub>	0.00056 <sup>+0.00015</sup> <sub>-0.00011</sub>
		Observed	59	2	0	0
	[-40, -20]	Exp. bkg.	59.9 <sup>+1.1</sup> <sub>-1.1</sub>	1.44 <sup>+0.19</sup> <sub>-0.17</sub>	0.329 <sup>+0.080</sup> <sub>-0.070</sub>	0.022 <sup>+0.024</sup> <sub>-0.013</sub>
		Exp. sig.	0.00263 <sup>+0.00093</sup> <sub>-0.00093</sub>	0.00174 <sup>+0.00076</sup> <sub>-0.00061</sub>	0.00128 <sup>+0.00038</sup> <sub>-0.00030</sub>	0.00164 <sup>+0.00035</sup> <sub>-0.00025</sub>
		Observed	67	0	0	0
	[-20, 0]	Exp. bkg.	59.0 <sup>+1.1</sup> <sub>-1.1</sub>	1.40 <sup>+0.18</sup> <sub>-0.17</sub>	0.315 <sup>+0.077</sup> <sub>-0.067</sub>	0.020 <sup>+0.022</sup> <sub>-0.012</sub>
		Exp. sig.	0.0045 <sup>+0.0017</sup> <sub>-0.0017</sub>	0.0030 <sup>+0.0014</sup> <sub>-0.0011</sub>	0.00219 <sup>+0.00067</sup> <sub>-0.00054</sub>	0.00280 <sup>+0.00060</sup> <sub>-0.00045</sub>
		Observed	56	2	0	0
	[0, 20]	Exp. bkg.	58.1 <sup>+1.1</sup> <sub>-1.1</sub>	1.36 <sup>+0.18</sup> <sub>-0.16</sub>	0.300 <sup>+0.073</sup> <sub>-0.064</sub>	0.019 <sup>+0.021</sup> <sub>-0.011</sub>
		Exp. sig.	0.0045 <sup>+0.0017</sup> <sub>-0.0017</sub>	0.0030 <sup>+0.0014</sup> <sub>-0.0011</sub>	0.00219 <sup>+0.00067</sup> <sub>-0.00054</sub>	0.00280 <sup>+0.00060</sup> <sub>-0.00045</sub>
		Observed	60	0	0	0
[20, 40]	Exp. bkg.	57.3 <sup>+1.1</sup> <sub>-1.1</sub>	1.33 <sup>+0.17</sup> <sub>-0.16</sub>	0.287 <sup>+0.070</sup> <sub>-0.061</sub>	0.017 <sup>+0.019</sup> <sub>-0.010</sub>	
	Exp. sig.	0.00263 <sup>+0.00093</sup> <sub>-0.00093</sub>	0.00174 <sup>+0.00076</sup> <sub>-0.00061</sub>	0.00128 <sup>+0.00038</sup> <sub>-0.00030</sub>	0.00164 <sup>+0.00035</sup> <sub>-0.00025</sub>	
	Observed	42	2	1	0	
[40, 60]	Exp. bkg.	56.4 <sup>+1.1</sup> <sub>-1.1</sub>	1.29 <sup>+0.17</sup> <sub>-0.16</sub>	0.274 <sup>+0.067</sup> <sub>-0.058</sub>	0.0158 <sup>+0.0175</sup> <sub>-0.0094</sub>	
	Exp. sig.	0.00090 <sup>+0.00033</sup> <sub>-0.00032</sub>	0.00060 <sup>+0.00027</sup> <sub>-0.00021</sub>	0.00044 <sup>+0.00014</sup> <sub>-0.00011</sub>	0.00056 <sup>+0.00013</sup> <sub>-0.00010</sub>	
	Observed	49	2	0	0	