

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