Minimization for $Z\gamma$ Helicity Analysis

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$J_{Z\gamma}=0$

- 16 parameters (8 Re + 8 Im)
- Im part of parameters set to zero
- 6 $\omega_n(\Omega)$ functions

$$\frac{d\sigma}{d\Omega} \sim P_0 + P_1 \cos(\theta_\ell) + P_2 \cos^2(\theta_\ell)$$

Acceptance

- Accetance
- 0.077
- 0.126
- 0.110
- 0.101
- 0.116
- 0.109

$$\varepsilon_n = \frac{\sum_{n'}^{N_{MC}^{RECO}} \frac{\omega_n(\Omega_{n'})}{W_p(\Omega_{n'})}}{\sum_{n'}^{N_{MC}^{GEN}} \frac{1}{W_p(\Omega_{n'})}}$$

2010 Data

- TGC point chosen $h_3 = 0.12$; $h_4 = 0.004$

DATA		SM		TGC	
Value	Error	Value	Error	Value	Error
0.2652	0.9896	0.2678	0.2072	0.2648	0.3107
0.5477	0.4783	0.5520	0.1005	0.5457	0.1508
2.9326	5.1644	2.9246	1.0631	2.9614	1.6288
3.5773	4.2323	3.5405	0.8782	3.5779	1.3481
-0.0029	5.1104	-0.0003	1.2988	-0.0004	2.1914
0.0033	5.1104	0.0003	1.2988	0.0005	2.1914
9.0000	**0.1414**	**9.0000**	**0.1414**	**9.0000**	**0.1414**
10.0000	**1.4142**	**10.0000**	**1.4142**	**10.0000**	**1.4142**