This thesis, Data, Pb-Pb $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ Helicity $\cos(\theta)$ $\lambda_{\rm p} = 0.746 \pm 0.246$ $\lambda_\phi = 0.026 \pm 0.027$ 8.0 12000 $\lambda_{\theta\phi}=0.221\pm0.054$ 0.6 10000 0.4 0.2 8000 0 6000 -0.2-0.44000 -0.62000 -0.8 $\tilde{\chi^2}$ = 127.381 / 74 = 1.721 5 6