

$p_T^\Upsilon$ [GeV/c]	$\lambda$	$2.2 < y < 3.0$	$3.0 < y < 3.5$	$3.5 < y < 4.5$
0 – 2	$\lambda_\theta$	$0.175 \pm 0.146 \pm 0.066$	$-0.249 \pm 0.073 \pm 0.045$	$-0.198 \pm 0.103 \pm 0.059$
	$\lambda_{\theta\phi}$	$0.088 \pm 0.038 \pm 0.013$	$-0.003 \pm 0.025 \pm 0.008$	$-0.012 \pm 0.033 \pm 0.012$
	$\lambda_\phi$	$-0.008 \pm 0.020 \pm 0.006$	$0.007 \pm 0.021 \pm 0.006$	$0.008 \pm 0.021 \pm 0.007$
	$\tilde{\lambda}$	$0.152 \pm 0.159 \pm 0.070$	$-0.230 \pm 0.095 \pm 0.050$	$-0.177 \pm 0.120 \pm 0.059$
2 – 4	$\lambda_\theta$	$0.237 \pm 0.107 \pm 0.048$	$-0.036 \pm 0.062 \pm 0.032$	$-0.212 \pm 0.075 \pm 0.036$
	$\lambda_{\theta\phi}$	$0.089 \pm 0.030 \pm 0.009$	$0.027 \pm 0.021 \pm 0.006$	$0.046 \pm 0.026 \pm 0.008$
	$\lambda_\phi$	$0.011 \pm 0.014 \pm 0.004$	$0.018 \pm 0.016 \pm 0.004$	$0.009 \pm 0.016 \pm 0.005$
	$\tilde{\lambda}$	$0.274 \pm 0.122 \pm 0.052$	$0.017 \pm 0.083 \pm 0.040$	$-0.186 \pm 0.091 \pm 0.043$
4 – 6	$\lambda_\theta$	$0.054 \pm 0.106 \pm 0.039$	$-0.148 \pm 0.062 \pm 0.026$	$-0.163 \pm 0.079 \pm 0.039$
	$\lambda_{\theta\phi}$	$0.069 \pm 0.035 \pm 0.011$	$0.032 \pm 0.026 \pm 0.007$	$0.065 \pm 0.031 \pm 0.012$
	$\lambda_\phi$	$0.052 \pm 0.015 \pm 0.004$	$0.004 \pm 0.017 \pm 0.004$	$0.009 \pm 0.018 \pm 0.006$
	$\tilde{\lambda}$	$0.220 \pm 0.133 \pm 0.049$	$-0.137 \pm 0.086 \pm 0.031$	$-0.138 \pm 0.101 \pm 0.048$
6 – 8	$\lambda_\theta$	$-0.027 \pm 0.113 \pm 0.042$	$-0.354 \pm 0.057 \pm 0.025$	$-0.074 \pm 0.085 \pm 0.039$
	$\lambda_{\theta\phi}$	$-0.017 \pm 0.046 \pm 0.013$	$0.088 \pm 0.034 \pm 0.009$	$0.046 \pm 0.043 \pm 0.014$
	$\lambda_\phi$	$0.027 \pm 0.019 \pm 0.005$	$0.041 \pm 0.021 \pm 0.008$	$0.021 \pm 0.024 \pm 0.008$
	$\tilde{\lambda}$	$0.056 \pm 0.143 \pm 0.052$	$-0.241 \pm 0.095 \pm 0.043$	$-0.011 \pm 0.123 \pm 0.052$
8 – 10	$\lambda_\theta$	$-0.036 \pm 0.115 \pm 0.047$	$-0.161 \pm 0.057 \pm 0.026$	$-0.217 \pm 0.077 \pm 0.034$
	$\lambda_{\theta\phi}$	$0.038 \pm 0.062 \pm 0.019$	$0.135 \pm 0.048 \pm 0.015$	$0.077 \pm 0.059 \pm 0.026$
	$\lambda_\phi$	$-0.001 \pm 0.025 \pm 0.010$	$0.066 \pm 0.029 \pm 0.010$	$0.046 \pm 0.033 \pm 0.013$
	$\tilde{\lambda}$	$-0.040 \pm 0.150 \pm 0.059$	$0.040 \pm 0.119 \pm 0.046$	$-0.081 \pm 0.139 \pm 0.059$
10 – 15	$\lambda_\theta$	$-0.019 \pm 0.072 \pm 0.036$	$0.009 \pm 0.051 \pm 0.028$	$-0.224 \pm 0.062 \pm 0.035$
	$\lambda_{\theta\phi}$	$0.046 \pm 0.058 \pm 0.024$	$0.055 \pm 0.048 \pm 0.018$	$0.137 \pm 0.059 \pm 0.028$
	$\lambda_\phi$	$0.023 \pm 0.028 \pm 0.014$	$0.053 \pm 0.033 \pm 0.016$	$0.040 \pm 0.038 \pm 0.021$
	$\tilde{\lambda}$	$0.052 \pm 0.118 \pm 0.055$	$0.177 \pm 0.123 \pm 0.053$	$-0.108 \pm 0.133 \pm 0.063$
15 – 20	$\lambda_\theta$	$-0.068 \pm 0.091 \pm 0.083$	$-0.072 \pm 0.093 \pm 0.100$	$-0.291 \pm 0.118 \pm 0.139$
	$\lambda_{\theta\phi}$	$0.013 \pm 0.089 \pm 0.053$	$0.071 \pm 0.080 \pm 0.048$	$0.182 \pm 0.115 \pm 0.074$
	$\lambda_\phi$	$0.071 \pm 0.060 \pm 0.049$	$0.011 \pm 0.080 \pm 0.068$	$0.047 \pm 0.109 \pm 0.121$
	$\tilde{\lambda}$	$0.157 \pm 0.208 \pm 0.167$	$-0.040 \pm 0.230 \pm 0.154$	$-0.159 \pm 0.315 \pm 0.290$