

$p_T^\Upsilon$ [GeV/c]	$\lambda$	$2.2 < y < 3.0$	$3.0 < y < 3.5$	$3.5 < y < 4.5$
0 – 2	$\lambda_\theta$	$0.190 \pm 0.042 \pm 0.030$	$0.092 \pm 0.023 \pm 0.020$	$0.012 \pm 0.030 \pm 0.031$
	$\lambda_{\theta\phi}$	$-0.009 \pm 0.011 \pm 0.005$	$0.019 \pm 0.008 \pm 0.004$	$-0.013 \pm 0.011 \pm 0.007$
	$\lambda_\phi$	$-0.007 \pm 0.006 \pm 0.003$	$0.002 \pm 0.006 \pm 0.003$	$0.001 \pm 0.006 \pm 0.003$
	$\tilde{\lambda}$	$0.168 \pm 0.046 \pm 0.032$	$0.098 \pm 0.031 \pm 0.023$	$0.014 \pm 0.037 \pm 0.033$
2 – 4	$\lambda_\theta$	$0.208 \pm 0.030 \pm 0.028$	$0.104 \pm 0.017 \pm 0.014$	$-0.017 \pm 0.019 \pm 0.021$
	$\lambda_{\theta\phi}$	$-0.077 \pm 0.009 \pm 0.007$	$-0.023 \pm 0.008 \pm 0.005$	$0.020 \pm 0.011 \pm 0.010$
	$\lambda_\phi$	$-0.006 \pm 0.004 \pm 0.002$	$-0.026 \pm 0.005 \pm 0.003$	$-0.020 \pm 0.006 \pm 0.004$
	$\tilde{\lambda}$	$0.189 \pm 0.035 \pm 0.030$	$0.025 \pm 0.024 \pm 0.017$	$-0.076 \pm 0.027 \pm 0.028$
4 – 6	$\lambda_\theta$	$0.179 \pm 0.031 \pm 0.025$	$0.102 \pm 0.018 \pm 0.014$	$0.035 \pm 0.018 \pm 0.017$
	$\lambda_{\theta\phi}$	$-0.057 \pm 0.013 \pm 0.010$	$-0.012 \pm 0.010 \pm 0.007$	$0.040 \pm 0.014 \pm 0.014$
	$\lambda_\phi$	$-0.026 \pm 0.006 \pm 0.004$	$-0.030 \pm 0.007 \pm 0.004$	$-0.054 \pm 0.009 \pm 0.008$
	$\tilde{\lambda}$	$0.098 \pm 0.038 \pm 0.031$	$0.012 \pm 0.028 \pm 0.020$	$-0.119 \pm 0.031 \pm 0.030$
6 – 8	$\lambda_\theta$	$0.129 \pm 0.033 \pm 0.025$	$0.084 \pm 0.021 \pm 0.017$	$0.038 \pm 0.021 \pm 0.017$
	$\lambda_{\theta\phi}$	$-0.060 \pm 0.016 \pm 0.012$	$-0.020 \pm 0.011 \pm 0.008$	$0.040 \pm 0.015 \pm 0.014$
	$\lambda_\phi$	$-0.040 \pm 0.010 \pm 0.007$	$-0.031 \pm 0.011 \pm 0.007$	$-0.039 \pm 0.013 \pm 0.012$
	$\tilde{\lambda}$	$0.009 \pm 0.044 \pm 0.030$	$-0.007 \pm 0.033 \pm 0.020$	$-0.077 \pm 0.037 \pm 0.029$
8 – 10	$\lambda_\theta$	$0.097 \pm 0.040 \pm 0.030$	$0.129 \pm 0.030 \pm 0.022$	$0.180 \pm 0.033 \pm 0.037$
	$\lambda_{\theta\phi}$	$-0.048 \pm 0.018 \pm 0.011$	$-0.027 \pm 0.012 \pm 0.006$	$0.059 \pm 0.016 \pm 0.010$
	$\lambda_\phi$	$-0.030 \pm 0.015 \pm 0.011$	$-0.062 \pm 0.015 \pm 0.009$	$-0.099 \pm 0.021 \pm 0.022$
	$\tilde{\lambda}$	$0.007 \pm 0.050 \pm 0.030$	$-0.052 \pm 0.039 \pm 0.015$	$-0.107 \pm 0.045 \pm 0.033$
10 – 15	$\lambda_\theta$	$0.124 \pm 0.036 \pm 0.030$	$0.086 \pm 0.027 \pm 0.020$	$0.146 \pm 0.033 \pm 0.037$
	$\lambda_{\theta\phi}$	$-0.069 \pm 0.016 \pm 0.008$	$-0.009 \pm 0.013 \pm 0.007$	$-0.012 \pm 0.015 \pm 0.007$
	$\lambda_\phi$	$-0.042 \pm 0.013 \pm 0.009$	$-0.034 \pm 0.014 \pm 0.008$	$-0.048 \pm 0.020 \pm 0.019$
	$\tilde{\lambda}$	$-0.002 \pm 0.041 \pm 0.022$	$-0.017 \pm 0.040 \pm 0.018$	$0.001 \pm 0.049 \pm 0.031$
15 – 20	$\lambda_\theta$	$0.041 \pm 0.058 \pm 0.036$	$0.239 \pm 0.057 \pm 0.032$	$0.245 \pm 0.077 \pm 0.049$
	$\lambda_{\theta\phi}$	$-0.040 \pm 0.031 \pm 0.015$	$-0.006 \pm 0.034 \pm 0.019$	$0.071 \pm 0.048 \pm 0.027$
	$\lambda_\phi$	$-0.062 \pm 0.022 \pm 0.012$	$-0.044 \pm 0.028 \pm 0.014$	$-0.063 \pm 0.041 \pm 0.025$
	$\tilde{\lambda}$	$-0.137 \pm 0.075 \pm 0.036$	$0.102 \pm 0.098 \pm 0.045$	$0.052 \pm 0.126 \pm 0.067$