

$p_T^\Upsilon$ [GeV/c]	$\lambda$	$2.2 < y < 3.0$	$3.0 < y < 3.5$	$3.5 < y < 4.5$
0 – 2	$\lambda_\theta$	$0.254 \pm 0.101 \pm 0.048$	$0.119 \pm 0.058 \pm 0.038$	$-0.139 \pm 0.072 \pm 0.051$
	$\lambda_{\theta\phi}$	$0.037 \pm 0.026 \pm 0.010$	$0.026 \pm 0.019 \pm 0.007$	$-0.035 \pm 0.023 \pm 0.008$
	$\lambda_\phi$	$0.002 \pm 0.014 \pm 0.004$	$-0.007 \pm 0.015 \pm 0.005$	$0.008 \pm 0.015 \pm 0.005$
	$\tilde{\lambda}$	$0.260 \pm 0.111 \pm 0.047$	$0.097 \pm 0.075 \pm 0.042$	$-0.116 \pm 0.084 \pm 0.058$
2 – 4	$\lambda_\theta$	$0.193 \pm 0.072 \pm 0.046$	$0.184 \pm 0.045 \pm 0.030$	$-0.054 \pm 0.053 \pm 0.038$
	$\lambda_{\theta\phi}$	$0.096 \pm 0.020 \pm 0.009$	$0.008 \pm 0.015 \pm 0.005$	$0.037 \pm 0.018 \pm 0.006$
	$\lambda_\phi$	$-0.011 \pm 0.010 \pm 0.003$	$0.008 \pm 0.011 \pm 0.004$	$-0.004 \pm 0.011 \pm 0.003$
	$\tilde{\lambda}$	$0.160 \pm 0.079 \pm 0.051$	$0.209 \pm 0.061 \pm 0.038$	$-0.065 \pm 0.063 \pm 0.040$
4 – 6	$\lambda_\theta$	$0.148 \pm 0.074 \pm 0.029$	$-0.075 \pm 0.043 \pm 0.024$	$-0.207 \pm 0.053 \pm 0.031$
	$\lambda_{\theta\phi}$	$0.077 \pm 0.023 \pm 0.008$	$0.100 \pm 0.018 \pm 0.006$	$0.106 \pm 0.021 \pm 0.008$
	$\lambda_\phi$	$0.013 \pm 0.010 \pm 0.003$	$0.012 \pm 0.012 \pm 0.004$	$0.023 \pm 0.012 \pm 0.004$
	$\tilde{\lambda}$	$0.191 \pm 0.088 \pm 0.034$	$-0.038 \pm 0.062 \pm 0.033$	$-0.141 \pm 0.069 \pm 0.038$
6 – 8	$\lambda_\theta$	$0.023 \pm 0.077 \pm 0.031$	$-0.190 \pm 0.041 \pm 0.018$	$-0.228 \pm 0.055 \pm 0.028$
	$\lambda_{\theta\phi}$	$0.034 \pm 0.030 \pm 0.009$	$0.143 \pm 0.024 \pm 0.007$	$0.121 \pm 0.028 \pm 0.011$
	$\lambda_\phi$	$0.023 \pm 0.013 \pm 0.005$	$0.017 \pm 0.015 \pm 0.005$	$0.056 \pm 0.015 \pm 0.005$
	$\tilde{\lambda}$	$0.093 \pm 0.097 \pm 0.040$	$-0.140 \pm 0.066 \pm 0.027$	$-0.065 \pm 0.083 \pm 0.038$
8 – 10	$\lambda_\theta$	$0.096 \pm 0.080 \pm 0.032$	$-0.124 \pm 0.039 \pm 0.017$	$-0.143 \pm 0.053 \pm 0.025$
	$\lambda_{\theta\phi}$	$0.057 \pm 0.042 \pm 0.015$	$0.054 \pm 0.033 \pm 0.010$	$0.020 \pm 0.039 \pm 0.016$
	$\lambda_\phi$	$0.026 \pm 0.017 \pm 0.007$	$0.040 \pm 0.020 \pm 0.006$	$0.068 \pm 0.021 \pm 0.008$
	$\tilde{\lambda}$	$0.180 \pm 0.108 \pm 0.041$	$-0.005 \pm 0.079 \pm 0.024$	$0.066 \pm 0.097 \pm 0.042$
10 – 15	$\lambda_\theta$	$0.041 \pm 0.048 \pm 0.027$	$-0.104 \pm 0.030 \pm 0.020$	$-0.104 \pm 0.043 \pm 0.027$
	$\lambda_{\theta\phi}$	$0.155 \pm 0.039 \pm 0.018$	$0.106 \pm 0.031 \pm 0.010$	$0.093 \pm 0.040 \pm 0.019$
	$\lambda_\phi$	$0.043 \pm 0.018 \pm 0.009$	$0.058 \pm 0.021 \pm 0.012$	$0.072 \pm 0.025 \pm 0.011$
	$\tilde{\lambda}$	$0.177 \pm 0.081 \pm 0.036$	$0.073 \pm 0.075 \pm 0.039$	$0.122 \pm 0.096 \pm 0.044$
15 – 20	$\lambda_\theta$	$-0.063 \pm 0.063 \pm 0.058$	$-0.030 \pm 0.062 \pm 0.070$	$-0.261 \pm 0.074 \pm 0.080$
	$\lambda_{\theta\phi}$	$-0.008 \pm 0.059 \pm 0.033$	$0.159 \pm 0.054 \pm 0.036$	$-0.051 \pm 0.069 \pm 0.042$
	$\lambda_\phi$	$0.010 \pm 0.042 \pm 0.042$	$0.020 \pm 0.052 \pm 0.039$	$0.093 \pm 0.064 \pm 0.061$
	$\tilde{\lambda}$	$-0.032 \pm 0.129 \pm 0.096$	$0.029 \pm 0.155 \pm 0.081$	$0.022 \pm 0.209 \pm 0.171$