

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