$2 \langle \cos(2\phi - \phi_S) \rangle_L$ vs $P_{h\perp}$ [GeV] for different $z$ ranges:

- $0.20 < z < 0.28$
- $0.28 < z < 0.37$
- $0.37 < z < 0.49$
- $0.49 < z < 0.70$

- HERMES
- 8.0% scale
- PRELIMINARY uncertainty

- $0.023 < x < 0.072$
- $0.072 < x < 0.098$
- $0.098 < x < 0.138$
- $0.138 < x < 0.600$

The plots show the distribution of $2 \langle \cos(2\phi - \phi_S) \rangle_L$ for different $z$ and $x$ ranges, with error bars indicating statistical uncertainties.