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LCDA moments from local and non-local matrix elements

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We determine the leading-twist light-cone distribution amplitude (LCDA) moments of mesons using the HYP-smearred clover action on MILC ensembles, employing both twist-2 local operators and the LaMET approach. From the twist-2 local operators, we obtain high-precision values for the meson LCDA moments at the physical point and in the continuum limit. A comparison between the two methods shows good agreement for most moments. Furthermore, we improve the accuracy of the LCDA predictions by combining the results from both methods.

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