

the role of fragmentation measurements for TMD extractions

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TMD extractions of Semi-inclusive DIS measurements and in part hadronic collision measurements rely on the knowledge of (TMD) fragmentation functions in order to successfully obtain TMD distribution functions. There exists some access to unpolarized TMD fragmentation functions via SIDIS measurements, but the cleanest approach is via electron-positron annihilation. It is also the only current venue to cleanly obtain polarized fragmentation functions.

The recent TMD related fragmentation function measurements in electron-positron annihilation, most notably at the B factories will be reported.

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