

New measurement of inclusive cross-section of light charged hadrons

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We report new measurements of the production cross sections of pairs of charged pions and kaons as a function of their fractional energies. With an aim at either identifying dihadron cross sections in terms of single-hadron fragmentation functions, or providing a means to characterise the transverse momentum created in the fragmentation process, two different fractional-energy definitions are used and compared to the conventional fractional-energy definition reported earlier. The cross sections are obtained using 558 fb^{-1} data sample collected at the $\Upsilon(4S)$ resonance with the Belle detector at the KEKB asymmetric-energy e^+e^- collider.

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