Figure 12: a) Total gluon and quark multiplcities $\langle n_{qg} \rangle = \langle n_g \rangle + \sum_f \langle n_q + n_{\bar{q}} \rangle$, for $L_c = 0.6$ (0.8) fm as a function of energy Q. **b)** The corresponding ratios of charged hadrons to partons $\langle n_{ch} \rangle / \langle n_{qg} \rangle$, and of clusters to partons, $\langle n_{cl} \rangle / \langle n_{qg} \rangle$.

Figure 13: a) Calculated average charged multiplicity versus total energy Q in $e^+ e^-$ annihilation events, in comparison with experimental data [45]. **b)** Momentum spectra of charged hadrons with respect to the variable $\ln(1/x)$, where $x = 2E/Q$, at $Q = 34$ GeV and $Q = 91$ GeV, confronted with distributions measured at PEP/PETRA and LEP [46].

Figure 14: a) Simulated Bose-Einstein enhancement $b_{L_c}(q)$ as a function of the pair mass q of same-sign pion pairs for the two values of L_c at total energy $Q = 91$ GeV. The data points are from the OPAL experiment [43] at LEP. **b)** Ratios of the enhancements $b_{0.6\,fm}(q)/b_{0.8\,fm}(q)$ for total jet energies $Q = 34$ GeV and $Q = 91$ GeV.