

There were studied PbPb collisions at a per-nucleon center-of-mass energy of 2760 GeV. Such collisions produce quark-gluon plasma and jets. Specifically, the properties of events dominated by gluon and quark jets were studied. The properties were multiplicity, pseudorapidity and transverse momentum. The study found greater multiplicity in events dominated by gluon jets, compared to quark jets. Furthermore, it was found that more electrically charged particles are formed than their electrically neutral partners. Examination of pseudorapidity revealed that particles in jets have lower pseudorapidity compared to background. In contrast, no statistically significant differences were observed in the distribution of transverse momentum depending on the type of hadron.