ENHANCEMENT OF PRIMARY COSMIC RAYS > 5 TEV OBSERVED WITH AIR SHOWER ARRAY AT MT. CHACALTAYA

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We have reported enhancement of primary cosmic rays from Vela region at primary energies above 30 TeV obtained from arrival direction distribution of air showers observed at Mt.Chacaltaya. In this analysis, we classified the observed showers into two groups: one is muon-rich group in which showers contain more muons than the average, and the other is muon-less group. Since both the groups show the enhancement, we conclude that this is due to primary cosmic rays rather than primary gamma rays. We installed more twelve $4m^2$ and twenty-one $1m^2$ scintillation detectors in our array to lower the threshold energy of observable air showers. This improvement enables us to observe air showers with energies > 5 TeV. We will report the result of the analysis of updated data observed with this new air shower array.