

QUEST: WIDE ANGLE CHERENKOV LIGHT MEASUREMENTS AT EAS-TOP

EAS-TOP Collaboration (1), E. E. Korosteleva (2), L. A. Kuzmichev (2), **V. V. Prosin** (2) and B. K. Lubsandorzhev (3)

(2) Scobeltsyn Institute of Nuclear Physics of MSU, Moscow, Russia, (3) Institute of Nuclear Research RAS, Moscow, Russia.

`prosin@dec1.sinp.msu.ru`

Wide angle Cherenkov light detectors based upon the QUASAR-370 photomultipliers have been installed on five Cherenkov telescopes of the EAS-TOP array to study the energy spectrum and composition of primary cosmic rays around the "knee". The energy threshold of quasars array was close to that of EAS-TOP electromagnetic detectors array. The first results of joint analysis of Cherenkov and electromagnetic data together with the adequate CORSIKA simulation results are discussed.