run 3645, event 194

 time stamp: 963031121 s 843544138 ns

 Trigger: 'Physics - Int or L/R trigger', 'Shower Candidate'

 in Coihueco mirror 4 5 (in DAQ: 1 2 3 4 5 6)

geometry: hybrid, station 1729 (ToT), showerPlaneDistance = 535 m

 $(\theta, \phi) = (61.2\pm0.2, 95.6\pm0.5)$ deg

 $(x, y) = (-17.66\pm0.05, 9.33\pm0.09)$ km

 $R_p = 13.96 \pm 0.03$ km

profile: 4-parameter Gaisser-Hillas (type: USP)

 $E = (3.36 \pm 0.12 \pm 0.19) \times 10^{18}$ eV

 $X_{max} = 1014 \pm 17$ g/cm^2

 $(dE/dX)_{max} = 5.14 \pm 0.11$ PeV/(g/cm^2)

 $(\lambda, X_0, L) = (55, 110, 222\pm6)$ g/cm^2, R = 0.25$\pm$0.05

 Cherenkov-fraction = 7%, mva=54 deg.

databases:

 Mie attenuation: measured (h<2.6 km, VAOD at 3km: 0.03)

 LIDAR: no data ; CloudCam: no data; CloudMap: max=40%

 molecular profile: GDAS; time correction: good