run 4530, event 4067
  time stamp: 1024638495 s 272265868 ns
  Trigger: 'Physics - Int or L/R trigger', 'Shower Candidate'
  in Coihueco mirror 2 (in DAQ: 1 2 3 4 5 6)
geometry: hybrid, station 621 (ToT), showerPlaneDistance = 639 m
  $(\theta, \phi) = (30.3\pm0.4, 26.1\pm0.7)$ deg
  $(x, y) = (-31.67\pm0.04, 5.05\pm0.02)$ km
  $R_p = 9.71 \pm 0.03$ km
profile: 4-parameter Gaisser-Hillas (type: USP)
  $E = (1.26 \pm 0.07 \pm 0.07) \times 10^{18}$ eV
  $X_{max} = 600 \pm 17$ g/cm^2
  $(dE/dX)_{max} = 1.92 \pm 0.05$ PeV/(g/cm^2)
  $(\lambda, X_0, L) = (54, -309, 221\pm10)$ g/cm^2, $R = 0.24\pm0.05$
  Cherenkov-fraction = 8%, mva=68 deg.
databases:
  Mie attenuation: measured (h<16.4 km, VAOD at 3km: 0.01)
  LIDAR: h(cloud)=100.0 km, 0%; CloudCam: max(ζ)=(0/0)% (elev>5.5^$\circ$); CloudMap: no data
  molecular profile: GDAS; time correction: good