run 3571, event 10625
  time stamp: 958210282 s 85767684 ns
  Trigger: 'Physics - Int or L/R trigger', 'Shower Candidate'
  in Coihueco mirror 5 (in DAQ: 1 2 3 4 5 6)
geometry: hybrid, station 1036 (ToT), showerPlaneDistance = 448 m
  $(\theta, \phi) = (48.5 \pm 0.8, 283.6 \pm 1.5)$ deg
  $(x, y) = (-22.42 \pm 0.16, 25.42 \pm 0.15)$ km
  $R_p = 12.72 \pm 0.04$ km
profile: 4-parameter Gaisser-Hillas (type: USP)
  $E = (1.10 \pm 0.10 \pm 0.06) \times 10^{18}$ eV
  $X_{max} = 592 \pm 48$ g/cm^2
  $(dE/dX)_{max} = 1.63 \pm 0.11$ PeV/(g/cm^2)
  $(\lambda, X_0, L) = (57, -297, 225 \pm 12)$ g/cm^2, $R = 0.25 \pm 0.06$
  Cherenkov-fraction = 6%, mva=71 deg.
databases:
  Mie attenuation: measured (h<10.1 km, VAOD at 3km: 0.00)
  LIDAR: h(cloud)=7.6 km, 20%; CloudCam: max(ζ)=(0/0)% (elev>5.5°); CloudMap: max=60%
  molecular profile: GDAS; time correction: good