run 4240, event 170

   time stamp: 1023668023 s 613223315 ns
   Trigger: 'Physics - Int or L/R trigger', 'Shower Candidate'
   in Los Leones mirror 3 (in DAQ: 2 3 5 6)

geometry: hybrid, station 306 (ToT), showerPlaneDistance = 457 m

   (θ, ϕ) = (31.4±0.3, 244.3±1.0) deg
   (x, y) = (-9.80±0.03, -20.06±0.03) km
   R_p = 9.71 ± 0.03 km

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

   E = (1.56 ± 0.14 ± 0.08) $\times 10^{18}$ eV
   X_{max} = 570 ± 34 g/cm^2
   $(dE/dX)_{max}$ = 2.27 ± 0.14 PeV/(g/cm^2)
   (λ, X_0, L) = (62, -299, 232±11) g/cm^2, R = 0.27±0.05
   Cherenkov-fraction = 11%, mva=89 deg.

databases:

   Mie attenuation: measured (h<4.5 km, VAOD at 3km: 0.05)
   LIDAR: no data ; CloudCam: no data; CloudMap: no data
   molecular profile: GDAS; time correction: good