run 3035, event 6226

   time stamp: 981266334 s 245285164 ns

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

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

geometry: hybrid, station 765 (ToT), showerPlaneDistance = 155 m

   $(\theta, \phi) = (42.7\pm0.5, 206.1\pm0.7)$ deg

   $(x, y) = (20.03\pm0.08, 8.25\pm0.04)$ km

   $R_p = 12.73 \pm 0.03$ km

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

   $E = (1.70 \pm 0.10 \pm 0.09) \times 10^{18}$ eV

   $X_{max} = 584 \pm 23$ g/cm^2

   $(dE/dX)_{max} = 2.57 \pm 0.10$ PeV/(g/cm^2)

   $(\lambda, X_0, L) = (55, -323, 224\pm10)$ g/cm^2, $R = 0.25\pm0.05$

   Cherenkov-fraction = 13%, mva=62 deg.

databases:

   Mie attenuation: measured (h<2.4 km, VAOD at 3km: 0.10)

   LIDAR: no data ; CloudCam: no data; CloudMap: no data

   molecular profile: GDAS; time correction: good