```
Trigger: 'Physics - Int or L/R trigger', 'Shower Candidate'
  in Coihueco mirror 2 3 (in DAQ: 1 2 3 4 5 6)
geometry: hybrid, station 1220 (ToT), showerPlaneDistance = 599 m
  (\theta, \phi) = (61.8\pm0.4, 224.5\pm1.2) \text{ deg}
  (x, y) = (-12.51\pm0.15, 12.59\pm0.27) \text{ km}
  R_p = 16.30 \pm 0.03 \text{ km}
profile: 4-parameter Gaisser-Hillas (type: USP)
  E = (3.85 \pm 0.25 \pm 0.24) \times 10^{18} \text{ eV}
  X_{max} = 594 \pm 24 \text{ g/cm}^2
  (dE/dX)_{max} = 5.96 \pm 0.22 \text{ PeV/(g/cm}^2)
  (\lambda, X_0, L) = (54, -304, 221\pm11) \text{ g/cm}^2, R = 0.25\pm0.05
  Cherenkov-fraction = 8%, mva=59 deg.
databases:
  Mie attenuation: measured (h<2.4 km, VAOD at 3km: 0.09)
```

LIDAR: h(cloud)=5.6 km, 97%; CloudCam: max(ζ)=(100/100)% (elev>5.5^°); CloudMap: max=80%

run 2028, event 18864

time stamp: 857961598 s 242714688 ns

molecular profile: GDAS; time correction: good