ALERT database structure

ATOF:

Calibration constants:

Table directory: calibration/alert/atof/

Effective velocity

Table name: calibration/alert/atof/effective_velocity

# of rows: 660

Columns: sector=int layer=int component=int veff=double dveff=double extra1=double extra2=double

Time walk

Table name: calibration/alert/atof/time_walk

# of rows: 720

Columns: sector=int layer=int component=int order=int tw0=double tw1=double tw2=double tw3=double dtw0=double dtw1=double dtw2=double dtw3=double chi2ndf=double

Attenuation Length

Table name: calibration/alert/atof/attenuation

# of rows: 660

Columns: sector=int layer=int component=int attlen=double dattlen=double extra1=double extra2=double

Timing Offsets

Table name: calibration/alert/atof/time_offsets

# of rows: 720

Columns: sector=int layer=int component=int order=int t0=double upstream_downstream=double wedge_bar=double extra1=double extra2=double

AHDC:

Calibration constants:

Table directory: calibration/alert/ahdc/

Timing Offsets:

Table name: calibration/alert/ahdc/time_offsets

# of rows: 576

Columns: sector=int layer=int component=int t0=double dt0=double extra1r=double extra2=double chi2ndf=double

Time to Distance:

Table name: calibration/alert/ahdc/time_to_distance

# of rows: 1

Columns: sector=int layer=int component=int p0=double p1=double p2=double p3=double p4=double p5=double dp0=double dp1=double dp2=double dp3=double dp4=double dp5=double chi2ndf=double