```
                          ┌─────────────────────────┐
                          │           bool          │
                          ├─────────────────────────┤
                          │                         │
                          ├─────────────────────────┤
                          │                         │
                          └─────────────────────────┘
                                       │
                                       │
                             +psd_charge_cut
                         +BGO_fiducial_maxBarLayer
                                   _cut
                                 +all_cut
                          +stk_charge_measurement
                          +psd_charge_measurement
                             +track_selection_cut
                               +stk_charge_cut
                             +psd_stk_match_cut
                                  +xtrl_cut
                               +all_cut_no_xtrl
                                    ...
                                       ◇
```

event_filter
+ geometric
+ BGO_fiducial
+ BGO_fiducial_maxElayer_cut
+ BGO_fiducial_BGOTrackContainment_cut
+ nBarLayer13_cut
+ maxRms_cut