Hi Simon,

I had also some similar problem of accessing PdgCode() after 11000 events, althought the pointer to the object was not 0x0. In your error dump the sequence

RhoCandidate::TheMother (this=0x8011)

looks suspicious for me, the pointer looks strange.

Up to now I was not able to identify the bug. Finally I explicitly compared that pointer with something like

RhoCandidate *truth = piplus[ipiplus]->GetMcTruth();
if (truth != (RhoCandidate*)0x8011) ...

as a work around solution. This is really dirty, but you can give it a try, whether it's just this single place, or you get more crashes like this.

Best,
Klaus