

# some issues on Mokka/Marlin

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# MarlinReco

- problem of referencing null pointers for certain events when traversing the MCParticle list (e.g.  $e^+e^- \rightarrow \tau^+\tau^-$  sample) in ilcsoft v01-11
  - patch sent to Frank -> committed to svn

# Mokka problems

WARNING - G4MultiLevelLocator::EstimateIntersectionPoint()

Convergence is requiring too many substeps: 10010

Abandoning effort to intersect.

Information on start & current step follows in cout.

\*\*\* G4Exception : UnableToLocateIntersection

issued by : G4MultiLevelLocator::EstimateIntersectionPoint()

Too many substeps while trying to locate intersection.

\*\*\* Fatal Exception \*\*\* core dump \*\*\*

\*\*\* G4Exception: Aborting execution \*\*\*

tmp/ep+1.0em-1.0\_e3e3\_01/ep+1.0em-1.0\_e3e3\_01-015.sh: line 2: 4074 Aborted

Mokka tmp/ep+1.0em-1.0\_e3e3\_01/ep+1.0em-1.0\_e3e3\_01-015.steer < tmp/ep

+1.0em-1.0\_e3e3\_01/ep+1.0em-1.0\_e3e3\_01-015.g4 > tmp/ep+1.0em-1.0\_e3e3\_01/ep

+1.0em-1.0\_e3e3\_01-015.log

- core dump while simulating tautau sample from DESY
- currently investigating the cause of error