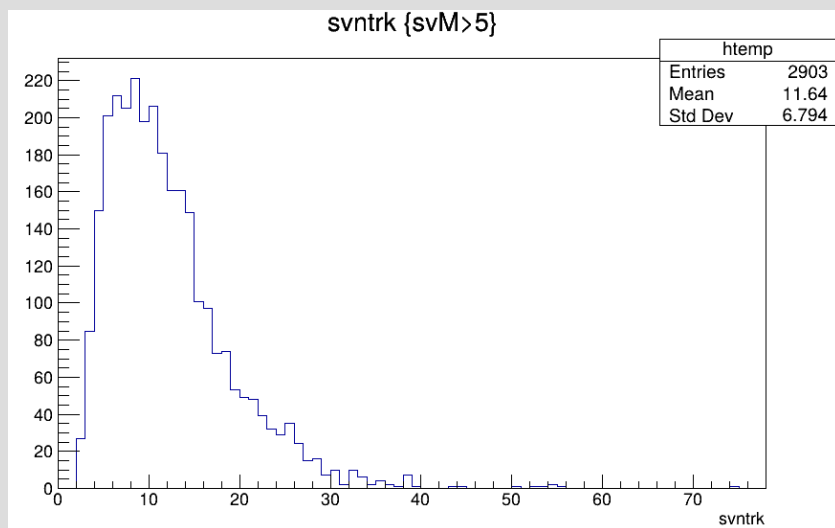
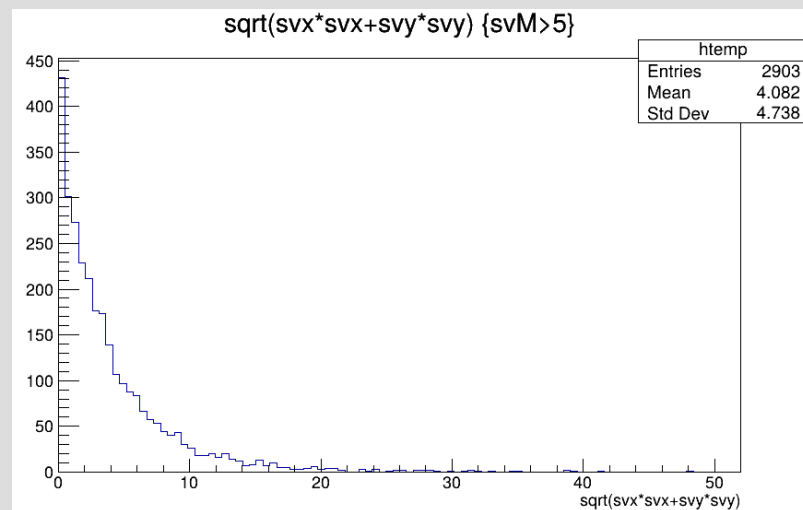
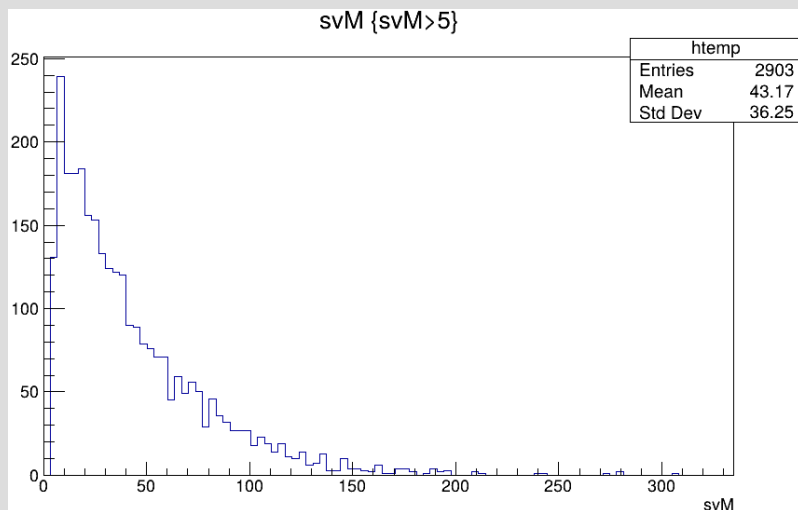


TrackOpt project status update

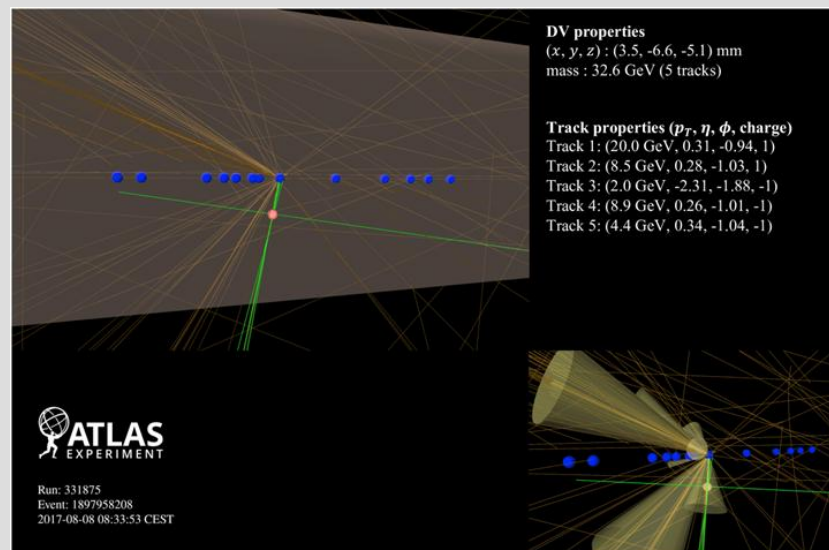
V. Kostyukhin
Siegen university

Update - baseline MC model

MC model with L(ong) L(ived) P(article) - gluino $M=607\text{GeV}$, $\tau=10\text{mm}$ (tunable).

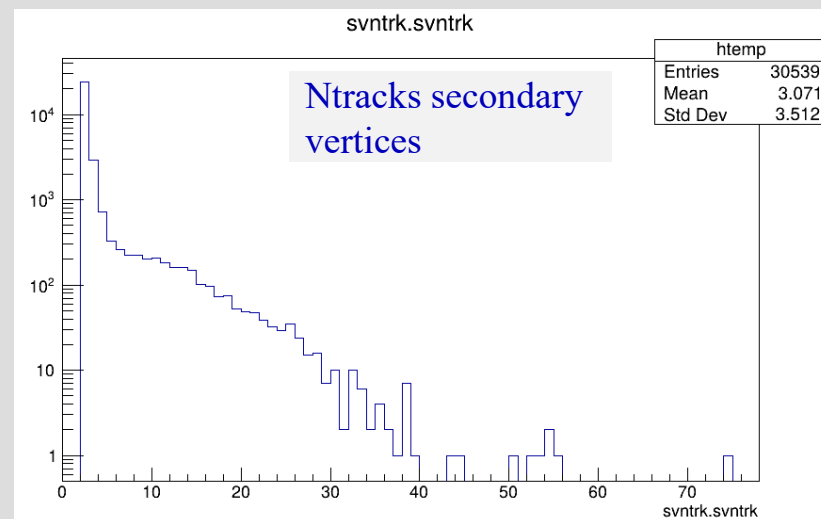
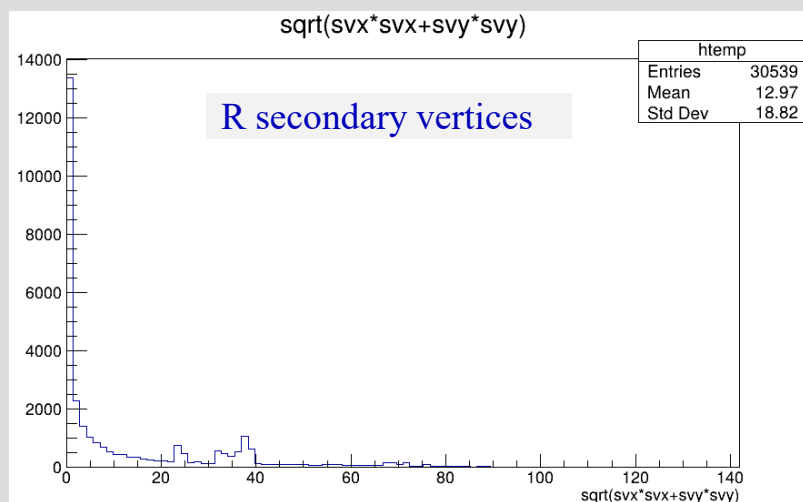
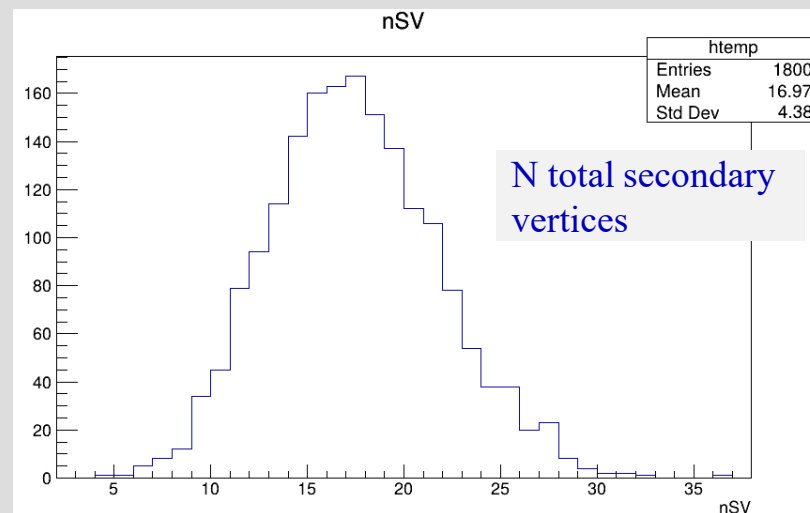
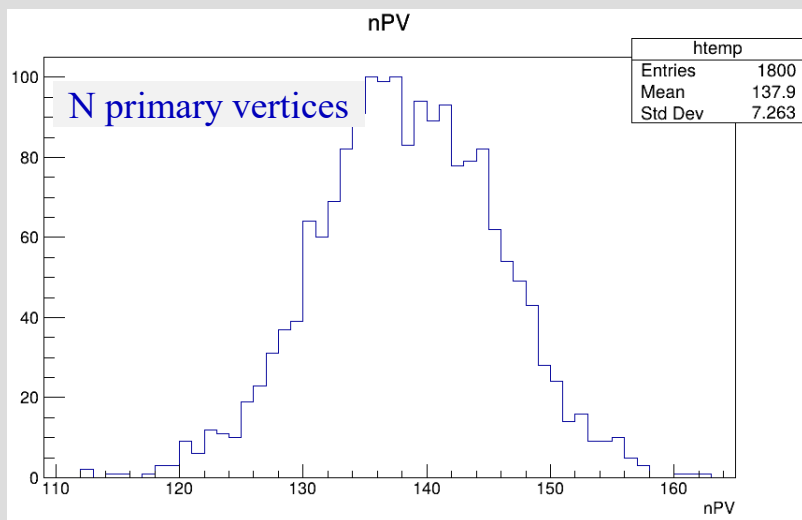


Attempt to simulate this real event



Update – baseline MC model

MC model with L(ong) L(ived) P(article) - gluino $M=607\text{GeV}$, $\tau=10\text{mm}$ (tunable).



C++20 error in the Andres GRAPH library

```
In file included from /mnt/c/Work/ACTS/graph-master/include/andres/graph/detail/graph.hxx:6,  
    from /mnt/c/Work/ACTS/graph-master/include/andres/graph/graph.hxx:17,  
    from /mnt/c/Work/ACTS/graph-master/src/andres/graph/unit-test/graph.cxx:3:  
/mnt/c/Work/ACTS/graph-master/include/andres/random-access-set.hxx: In instantiation of 'class  
andres::RandomAccessSet<andres::graph::Adjacency<>>':  
/mnt/c/Work/ACTS/graph-master/include/andres/graph/detail/graph.hxx:30:23: required from here  
/mnt/c/Work/ACTS/graph-master/include/andres/random-access-set.hxx:35:49: error: no type named  
'const_reference' in 'class std::allocator<andres::graph::Adjacency<>>'  
  35 |     typedef typename Allocator::const_reference const_reference;  
      |     ^~~~~~  
make[2]: *** [CMakeFiles/test-graph-graph.dir/build.make:76: CMakeFiles/test-graph-  
graph.dir/graph-master/src/andres/graph/unit-test/graph.cxx.o] Error 1  
make[1]: *** [CMakeFiles/Makefile2:103: CMakeFiles/test-graph-graph.dir/all] Error 2  
make: *** [Makefile:101: all] Error 2
```

Personal copy with necessary correction?