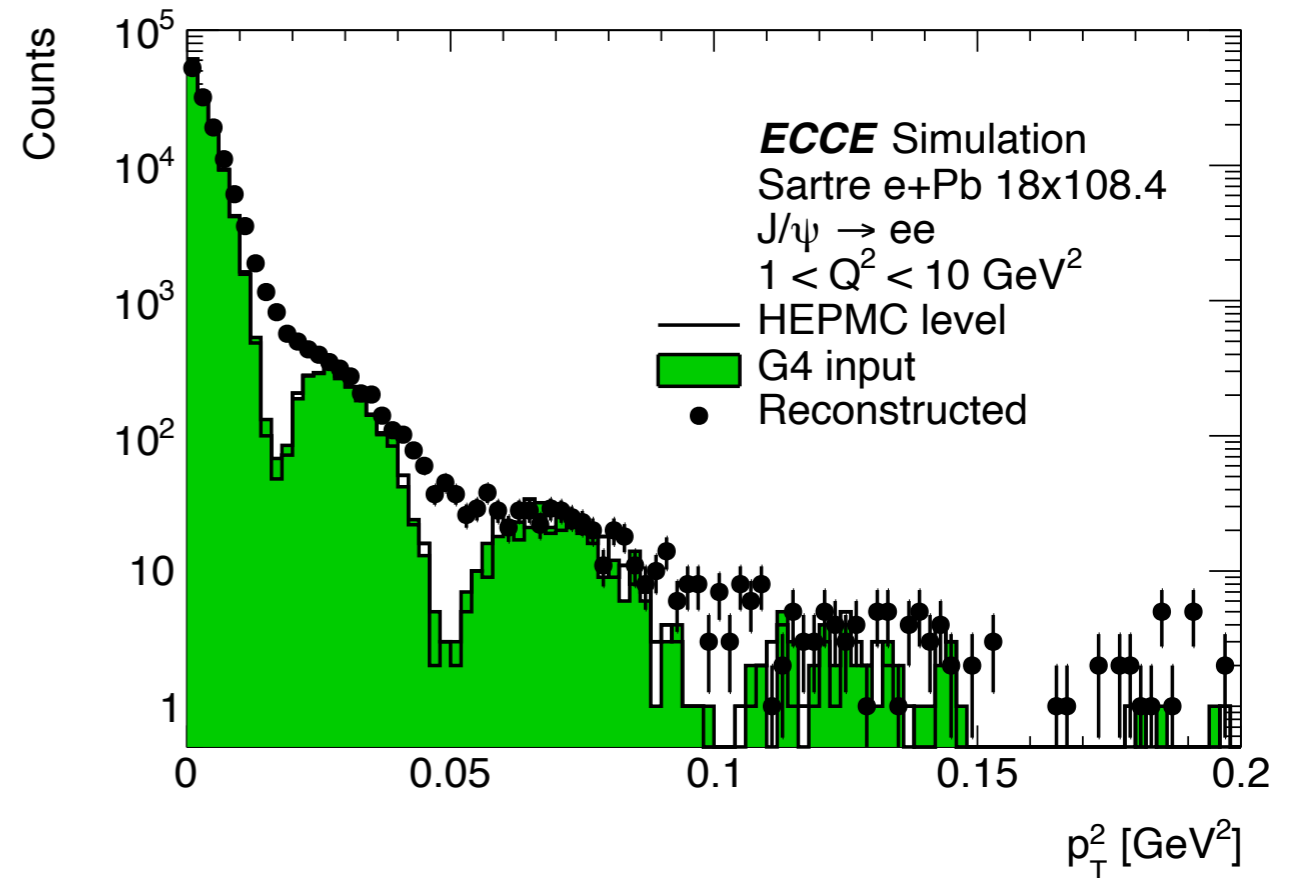
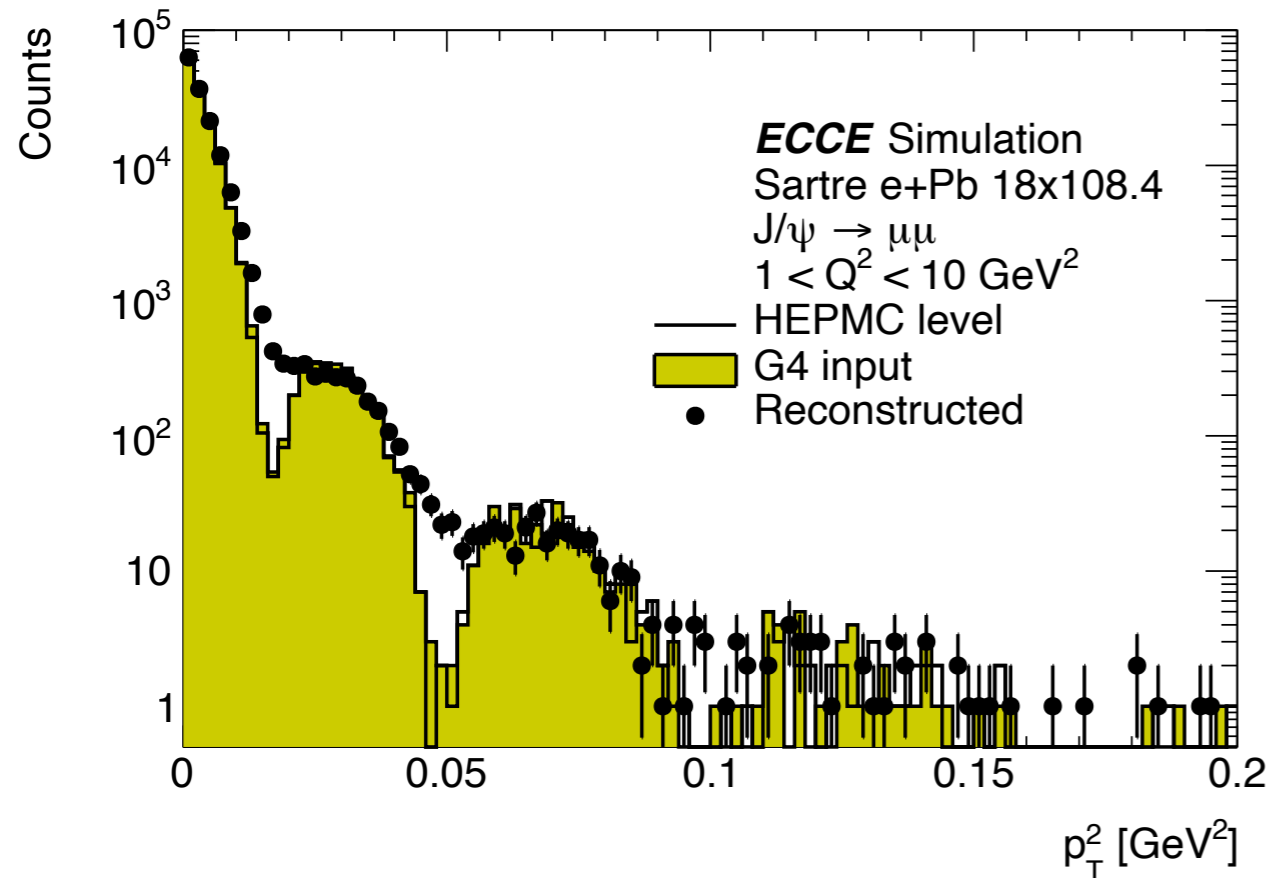


Towards an ECCE plot style

Goals

- **Why require use of a standard root style?**
 - Ideally, improves legibility of plots by encoding consensus of collaboration
 - Conveys sense of a single collaboration, despite many different collaborating groups
- **One option ready at hand**
 - sPhenixStyle - adapted (by me) from AtlasStyle in 2017 and used by collaboration since then
 - *Basically unchanged except added some ROOT5/6 compatibility checks (perhaps not needed by now)*
 - Re-rendered as ECCEStyle, and posted on GitHub
 - <https://github.com/ecce-editorial/ecce-root-style/>
- **Setup should be simple, but I would like to request some testers!**
 - Check out repository and put ECCEStyle.C and .h in your macro path in .rootrc
 - *Unix.*.Root.MacroPath: **./Users/petersteinberg/Macros/ecce-root-style:/Users/petersteinberg/Macros:\$(ROOTSYS)/macros***
 - And add two lines in your .rootlogon.C
 - `gROOT->LoadMacro("ECCEStyle.C");`
 - `SetECCEStyle();`

A couple of examples



- **A few policies need to be clarified, e.g.**
 - “**ECCE** Simulation”, “**ECCE** Preliminary”, etc.
 - Roman vs. italic, e.g “ p_T ”
 - Default marker style, fill color/style
 - Forbidden colors, e.g. kGreen!
 - Do we want to request some metadata for draft versions, e.g. names of authors, dates, software versions?