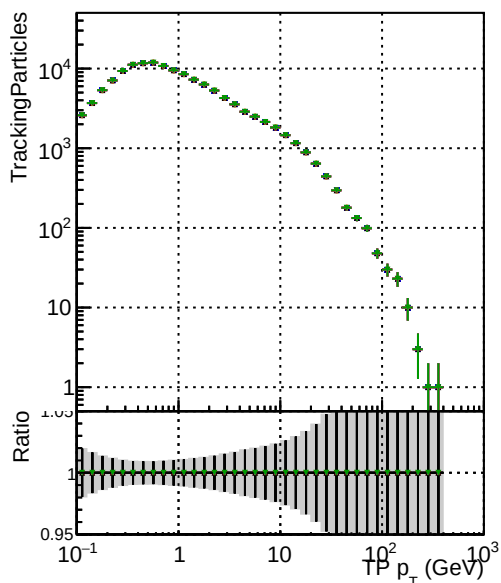


N of simulated tracks vs pT



N of associated tracks (simToReco) vs pT

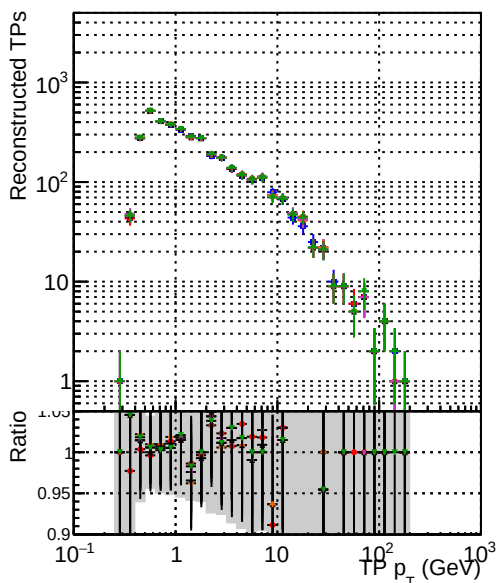
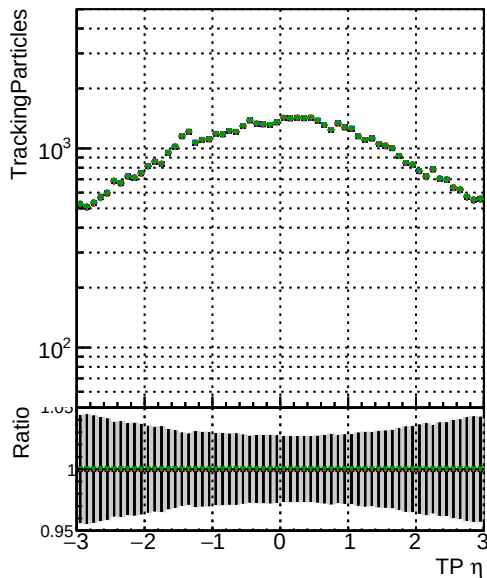


Figure 1: A horizontal bar chart showing the number of significant SNPs (N of significant SNPs) for various genomic regions across different steps of a new geometric model. The regions are: chr1, chr2, chr3, chr4, chr5, chr6, chr7, chr8, chr9, chr10, chr11, chr12, chr13, chr14, chr15, chr16, chr17, chr18, chr19, chr20, chr21, chr22, chr23, chr24, chr25, chr26, chr27, chr28, chr29, chr30, chr31, chr32, chr33, chr34, chr35, chr36, chr37, chr38, chr39, chr40, chr41, chr42, chr43, chr44, chr45, chr46, chr47, chr48, chr49, chr50, chr51, chr52, chr53, chr54, chr55, chr56, chr57, chr58, chr59, chr60, chr61, chr62, chr63, chr64, chr65, chr66, chr67, chr68, chr69, chr70, chr71, chr72, chr73, chr74, chr75, chr76, chr77, chr78, chr79, chr80, chr81, chr82, chr83, chr84, chr85, chr86, chr87, chr88, chr89, chr90, chr91, chr92, chr93, chr94, chr95, chr96, chr97, chr98, chr99, chr100. The steps are: step1, step2, step3, step4, step5, step6, step7, step8, step9, step10, step11, step12, step13, step14, step15, step16, step17, step18, step19, step20, step21, step22, step23, step24, step25, step26, step27, step28, step29, step30, step31, step32, step33, step34, step35, step36, step37, step38, step39, step40, step41, step42, step43, step44, step45, step46, step47, step48, step49, step50, step51, step52, step53, step54, step55, step56, step57, step58, step59, step60, step61, step62, step63, step64, step65, step66, step67, step68, step69, step70, step71, step72, step73, step74, step75, step76, step77, step78, step79, step80, step81, step82, step83, step84, step85, step86, step87, step88, step89, step90, step91, step92, step93, step94, step95, step96, step97, step98, step99, step100. The chart shows that the number of significant SNPs generally increases with the step number, with a notable peak at step100.



```
geom
2 tbar-phase1-newgeom
2 tbar-phase1-newgeom
2 tbar-phase1-newgeom
2 tbar-phase1-newgeom
```

