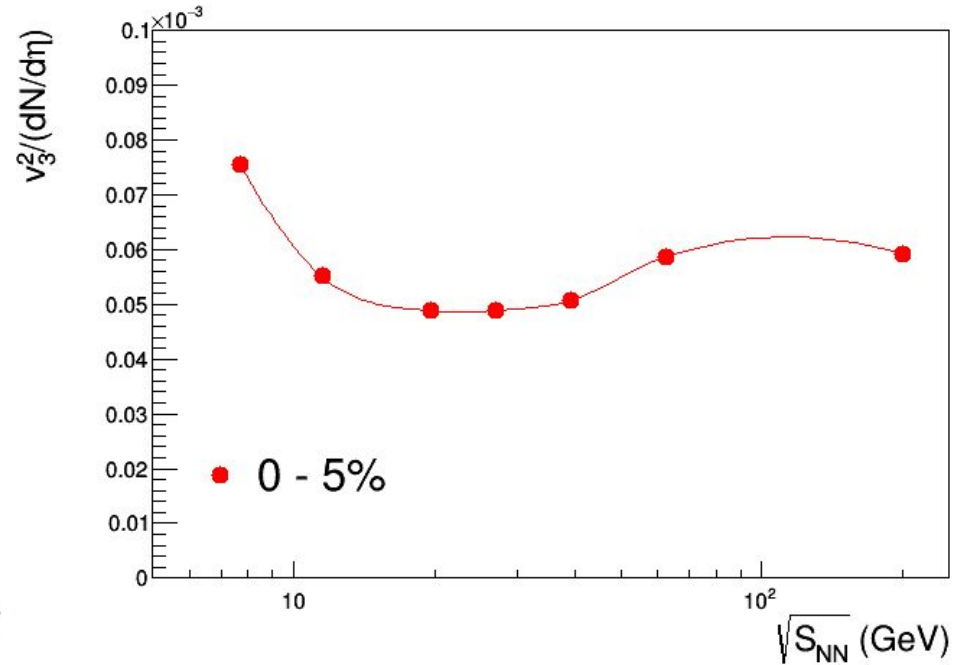
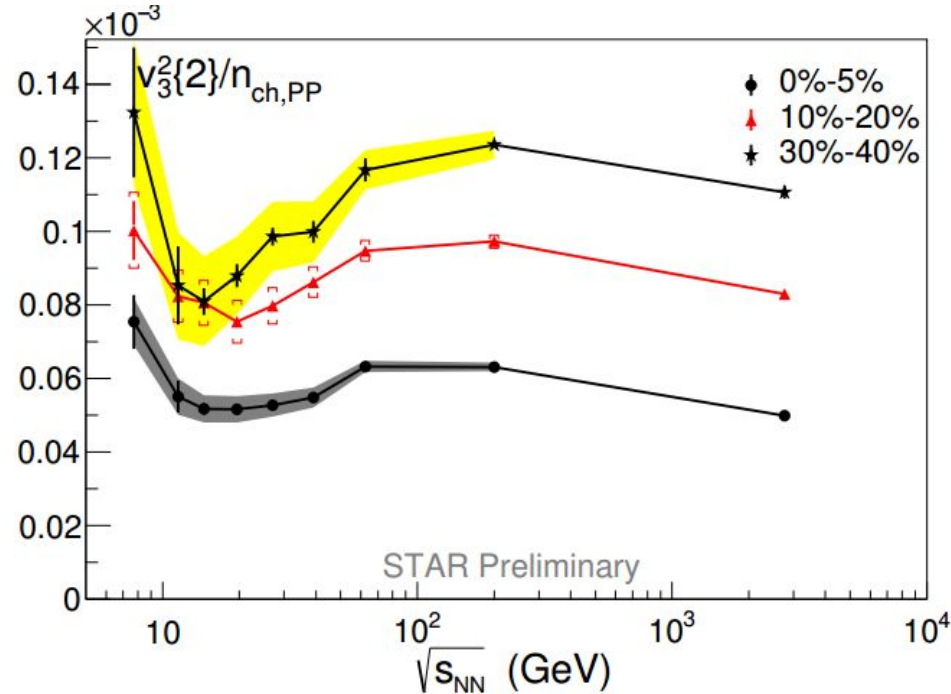
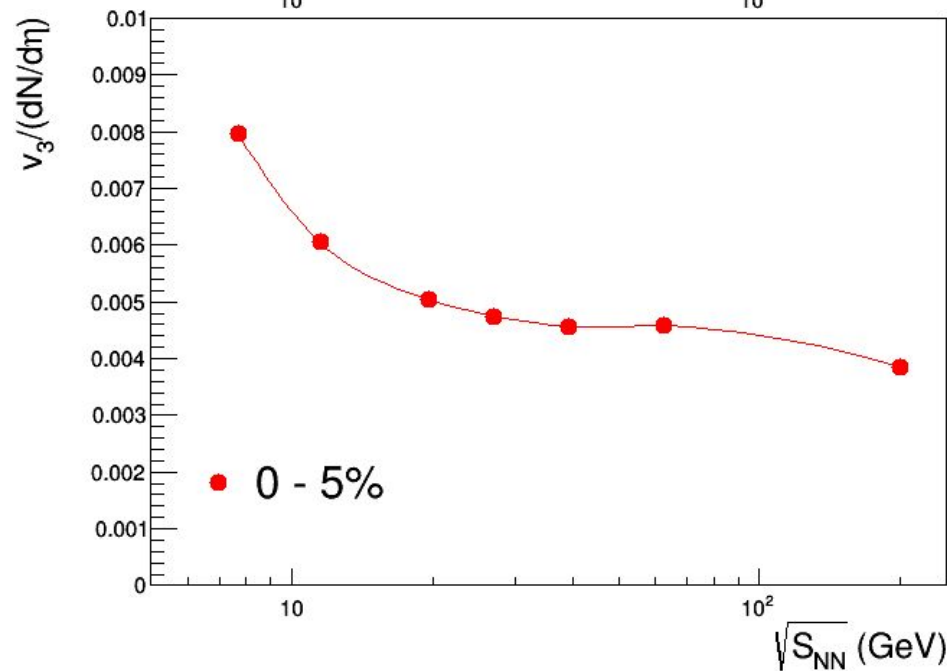
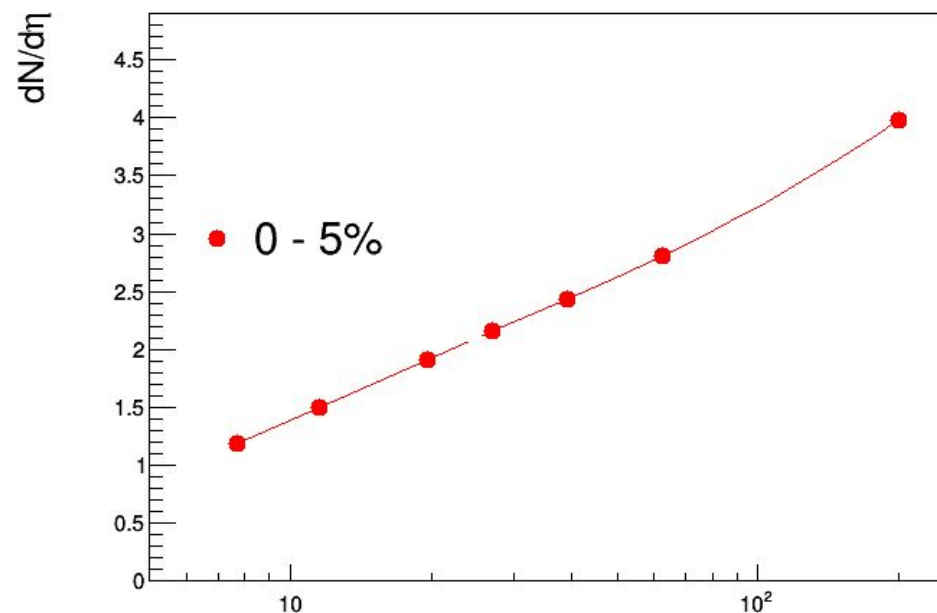
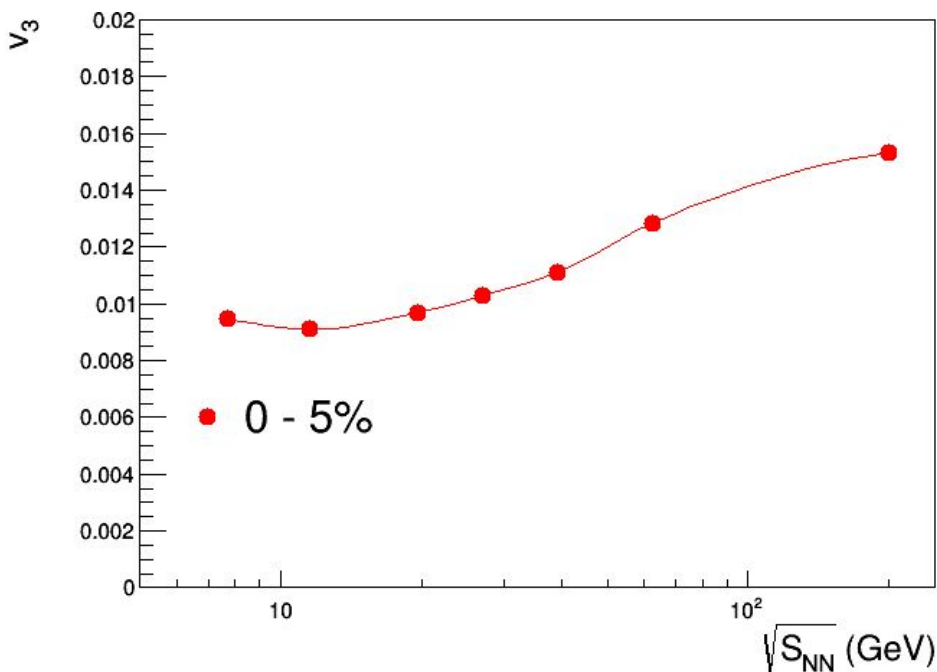


$v_3^2/dN/d\eta$ vs beam energy



- I don't remember how I got the data points. For demonstration purpose, I ignore the errors, and ignore LHC, and only show 0-5%.
- My denominator is $dN/d\eta$, while Liao/Paul uses $dN/d\eta \cdot (2/N_{part})$. They should roughly have the same energy dependence, since N_{part} almost does not change with energy.
- Left and right panels look pretty much the same shape, or dip.

Data manipulation: v_3 instead of v_3^2



- Took square root of v_3^2
- Both v_3 and $dN/d\eta$ are monotonic.
- Their ratio is also monotonic.
- We really need to "square" v_3 to have the dip.
- Is there any theoretical support for this "square"?