Mean number of vertices vs. Mean number of interactions for different cuts in CMS Simulation (13 TeV):

- No $p_T$ cut
- $p_T^{CHS\ jet} > 20$ GeV
- $p_T^{CHS+tight\ PU\ Jet\ ID} > 20$ GeV
- $p_T^{PUPPI\ jet} > 20$ GeV

Z+jets simulation