MKD re-trigger delays

- Previously published delay of 1300 ns partly based on calculations (LHC project note 293).
- New data based on measurements of two dual branch generators
  » The new variable trigger voltage for lower energies has not been included yet, this is likely to increase the delay at lower energies to about 1200 ns max

\[
\begin{array}{c|c|c|c}
\text{E [TeV]} & 0.450 & 2.5 & 7.0 \\
\hline
\text{dt [ns]} & 7.0 & 2.5 & 700
\end{array}
\]

- Max delay between any two generators above 3 TeV: 700 ns
- This includes 40 m of cable (5 ns/m): length generator 1 to 15
- Delay between two generators: 500 ns + n * 14 ns

Thanks to E.Carlier for the data