

# Introduction

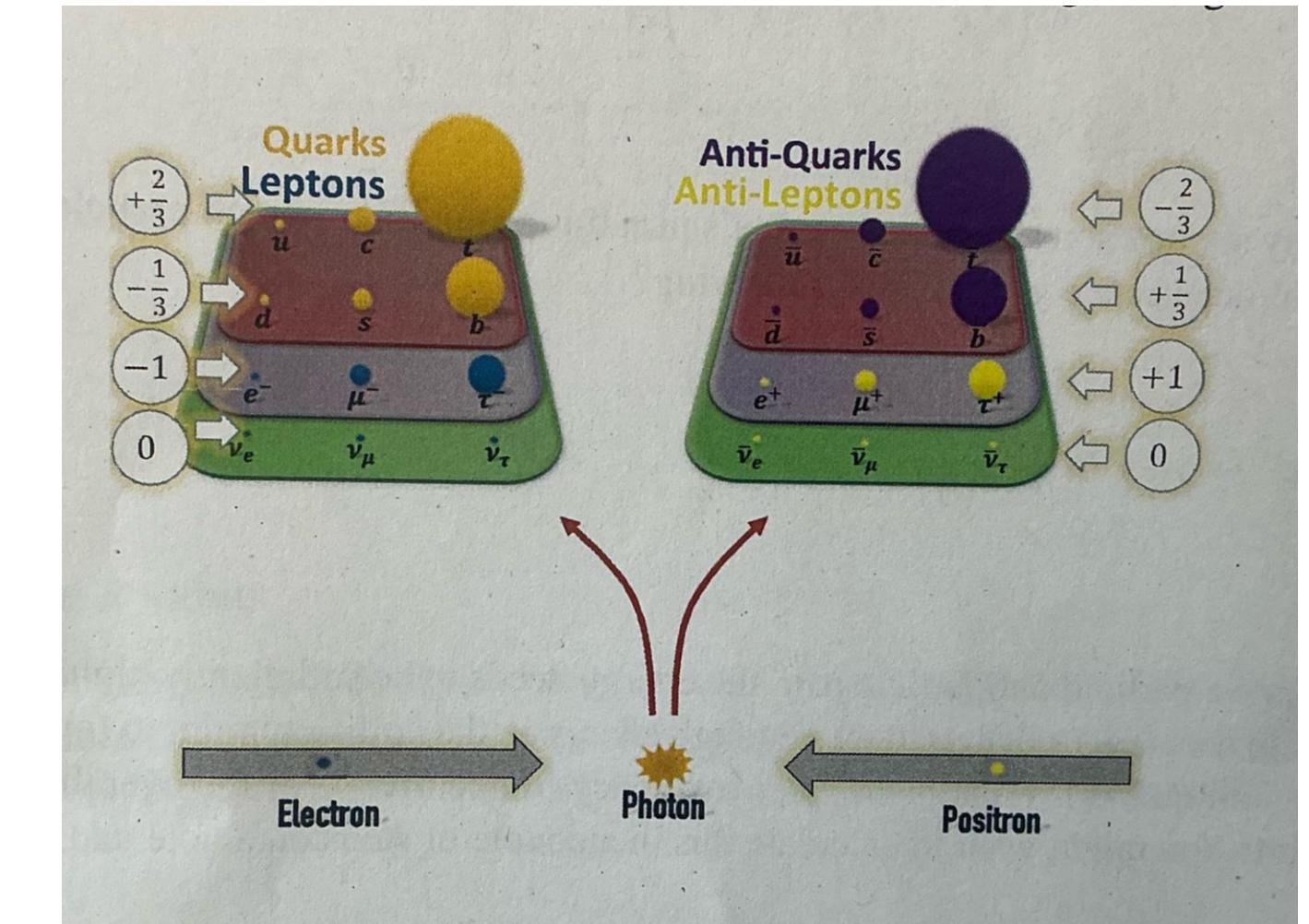
## what are we searching for ?

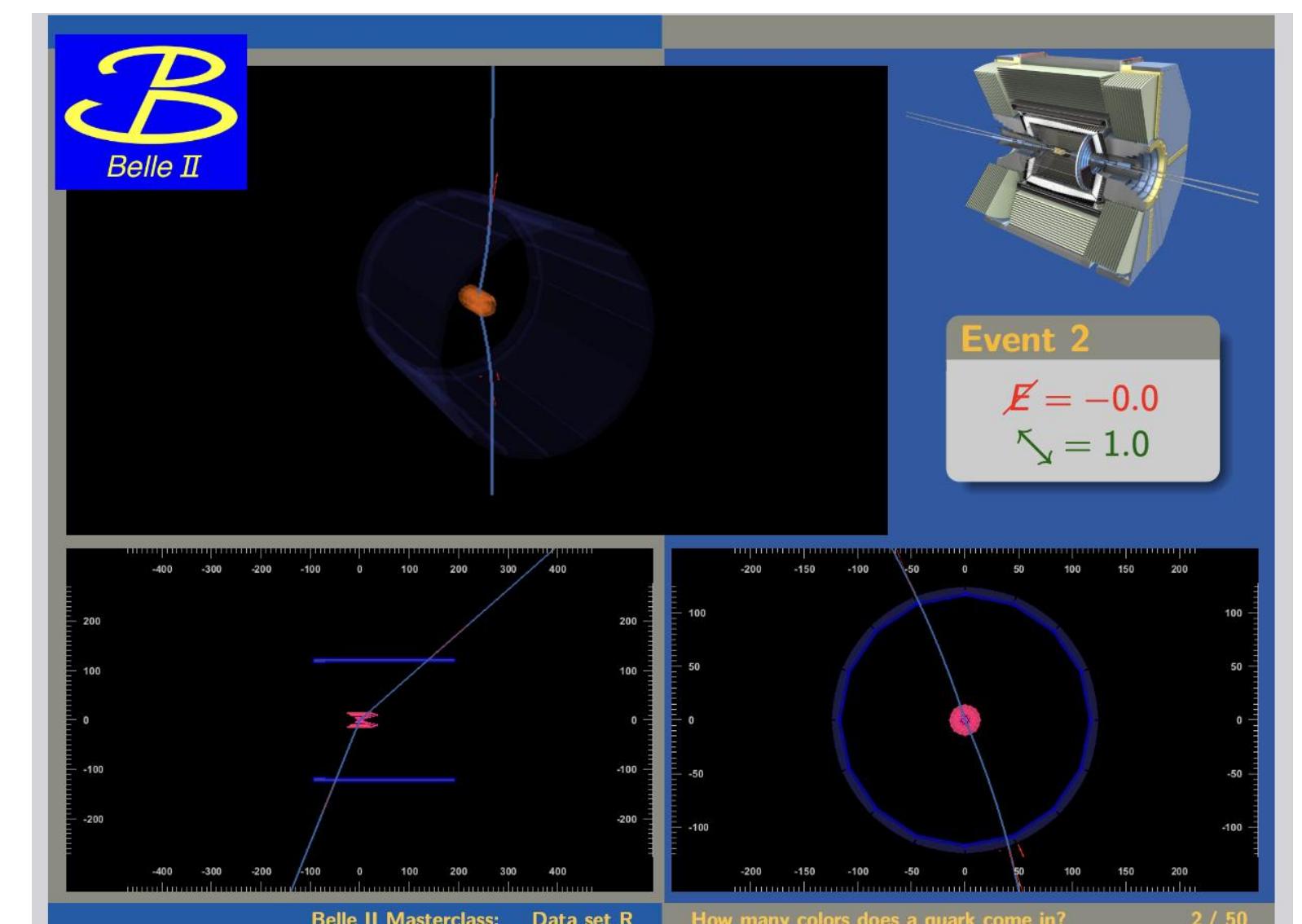
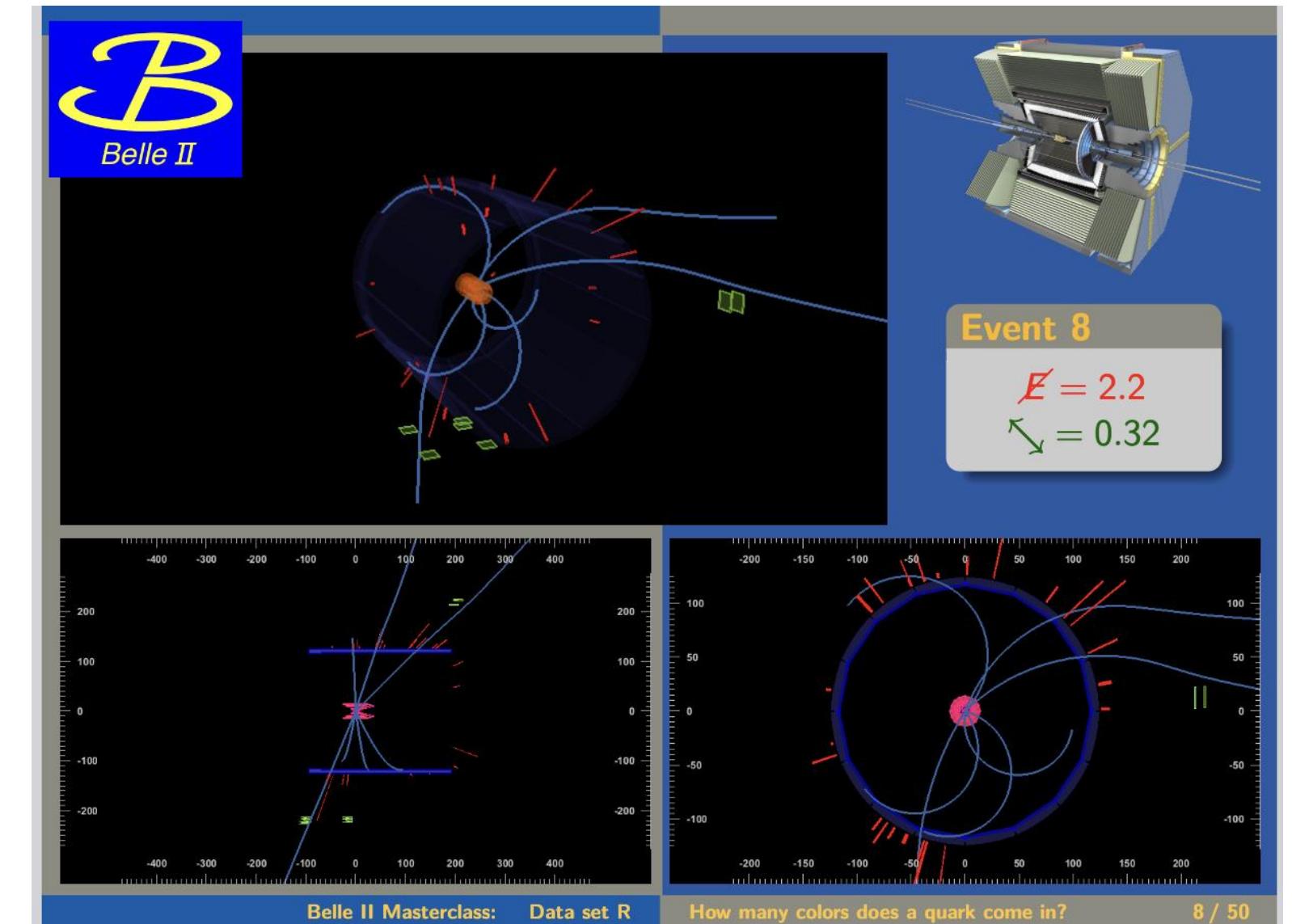
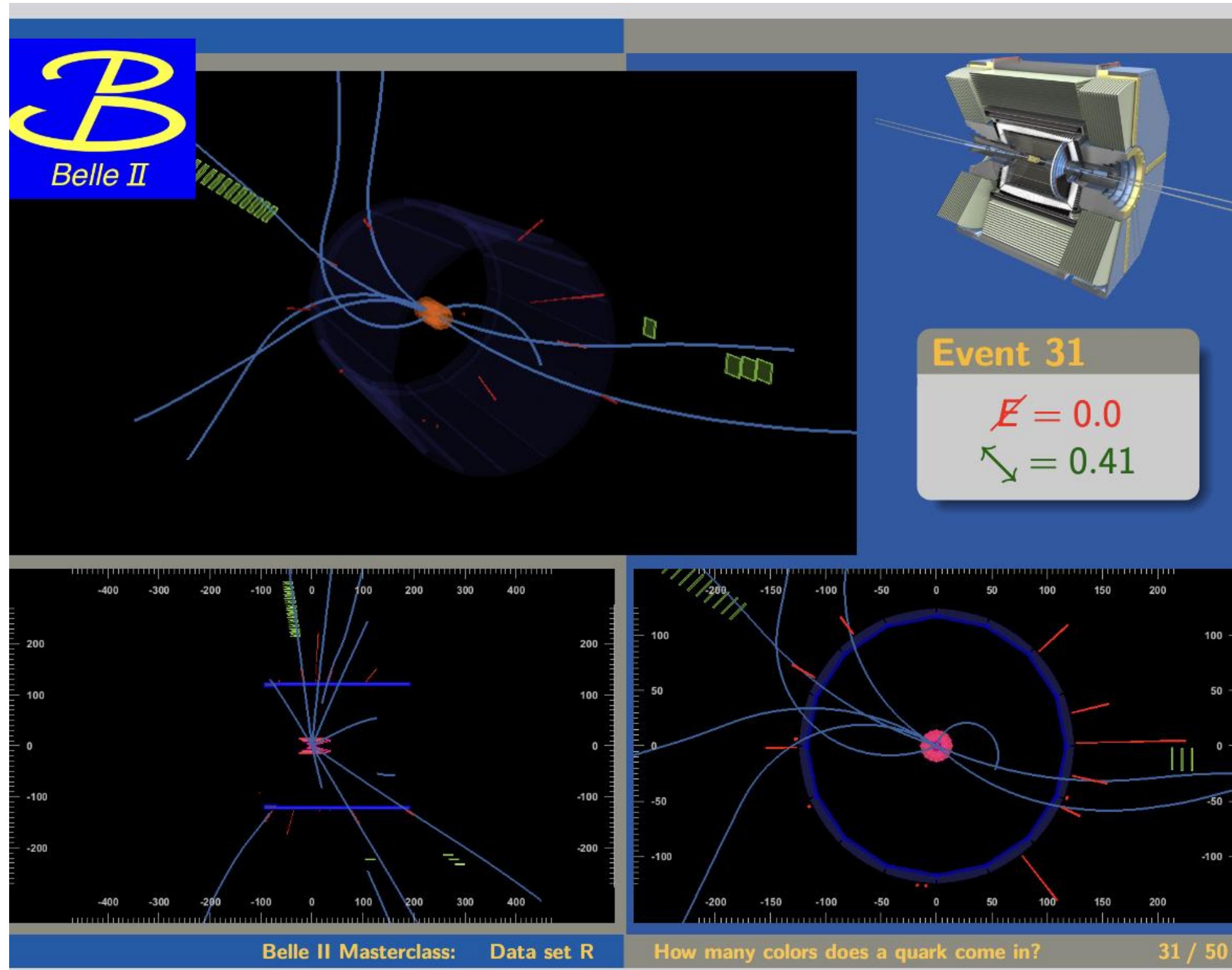
# What happens in a e+e- collisions

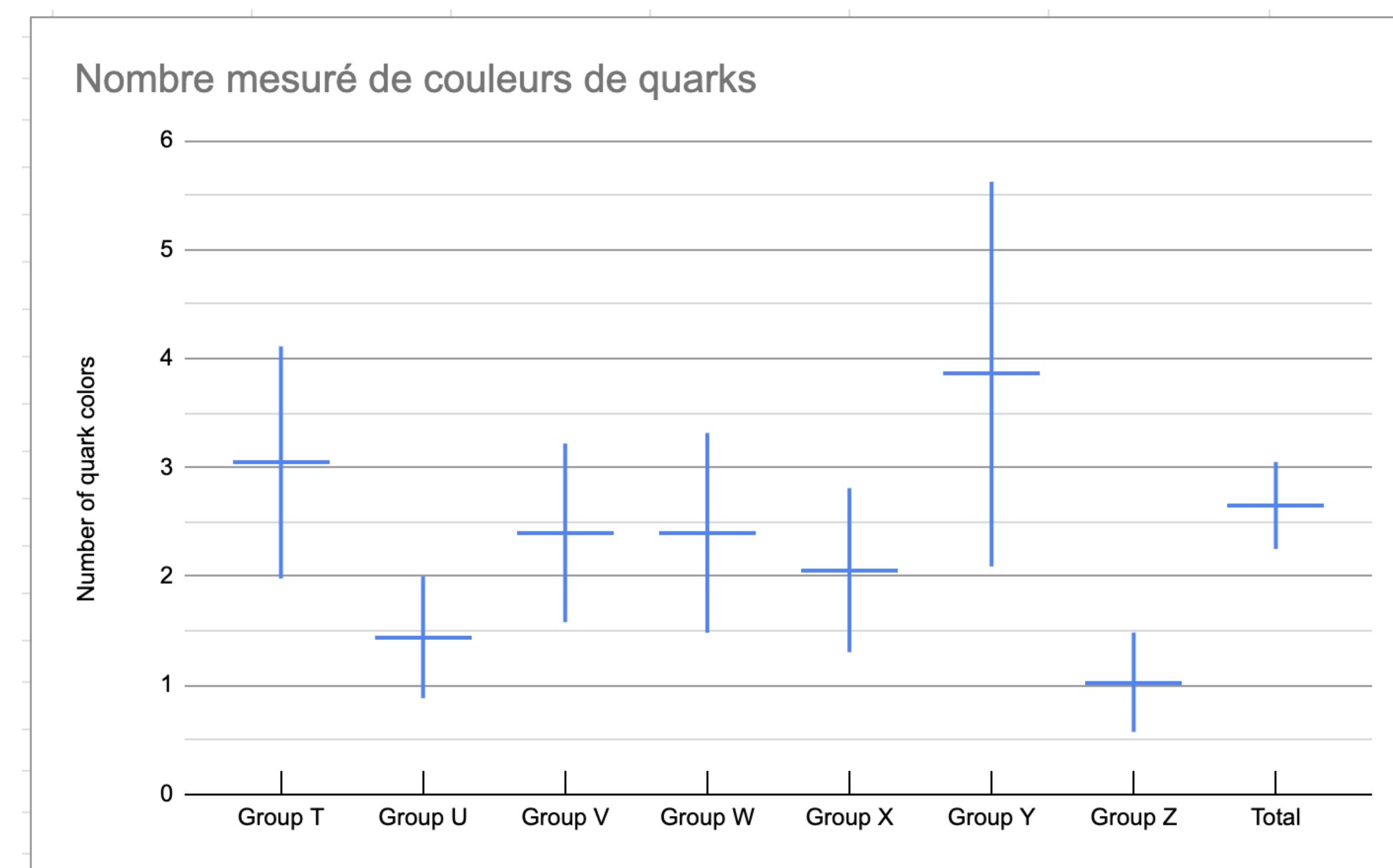
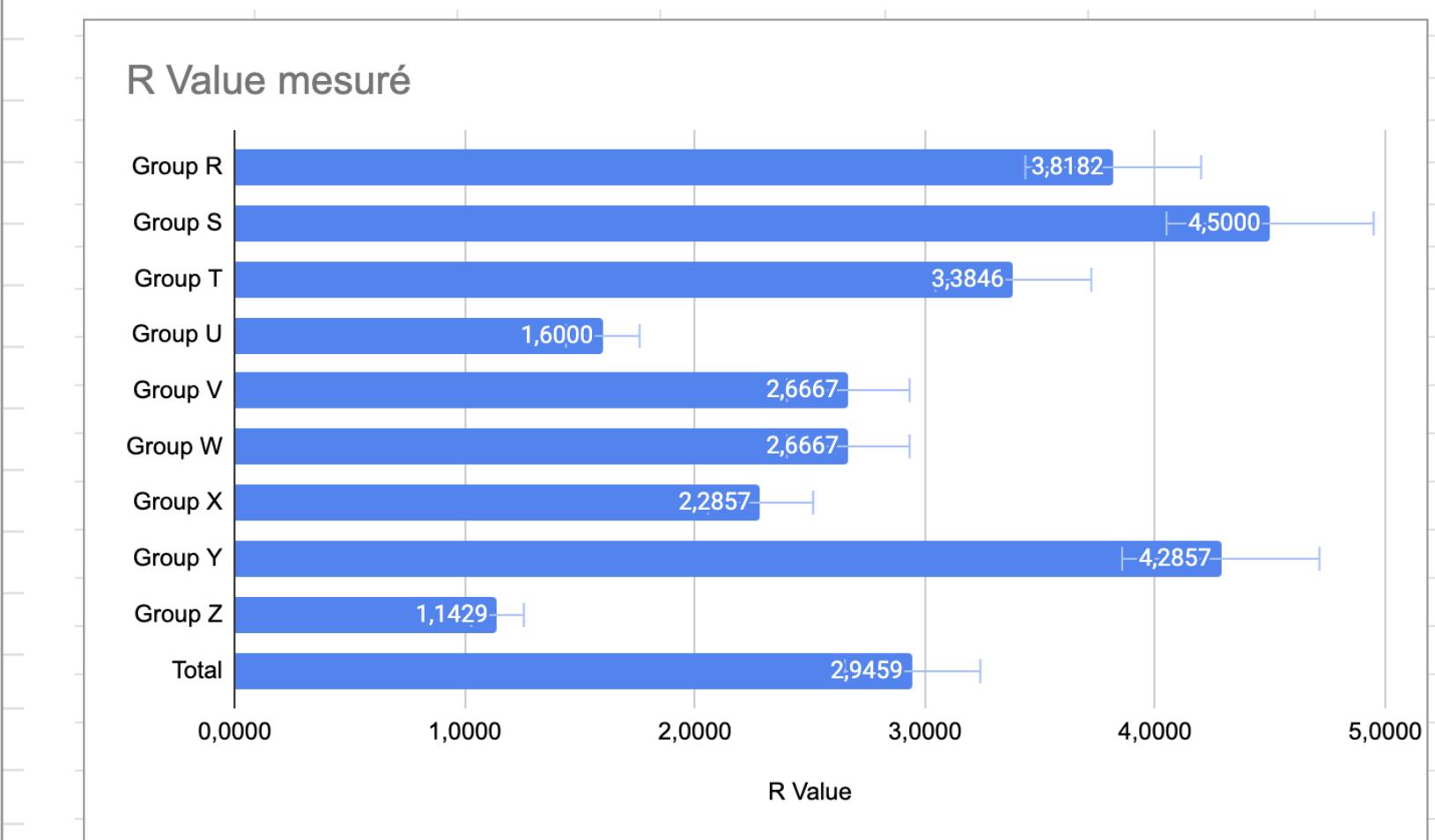
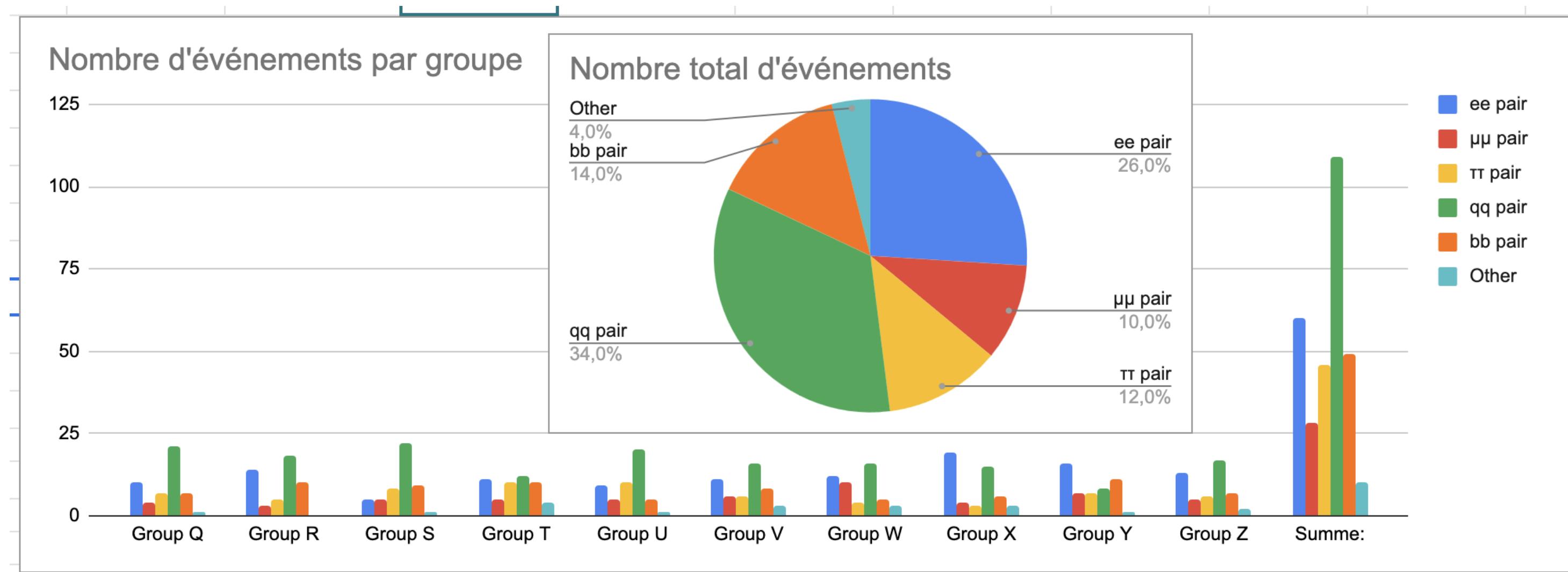
Quark color and the R Value

- Frequency of the occurrence of different particles

$$\bullet N(e^+e^- \rightarrow y \rightarrow \underline{u}u/\underline{d}d/\underline{s}s/\underline{c}c) = \frac{10}{9} \times XY$$
$$\bullet R = \frac{N(e^+e^- \rightarrow y \rightarrow uu/dd/ss/cc)}{1/2((N(e^+e^- \rightarrow y \rightarrow u^+u^-) + N(e^+e^- \rightarrow y \rightarrow t^+t^-)))}$$







Merci beaucoup 