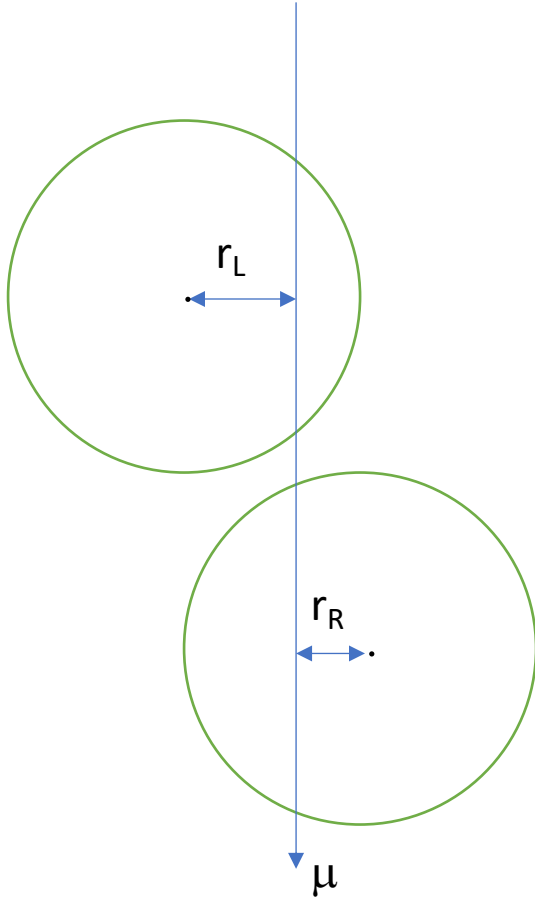


Dosbol Baigarashev

*for the Straw team

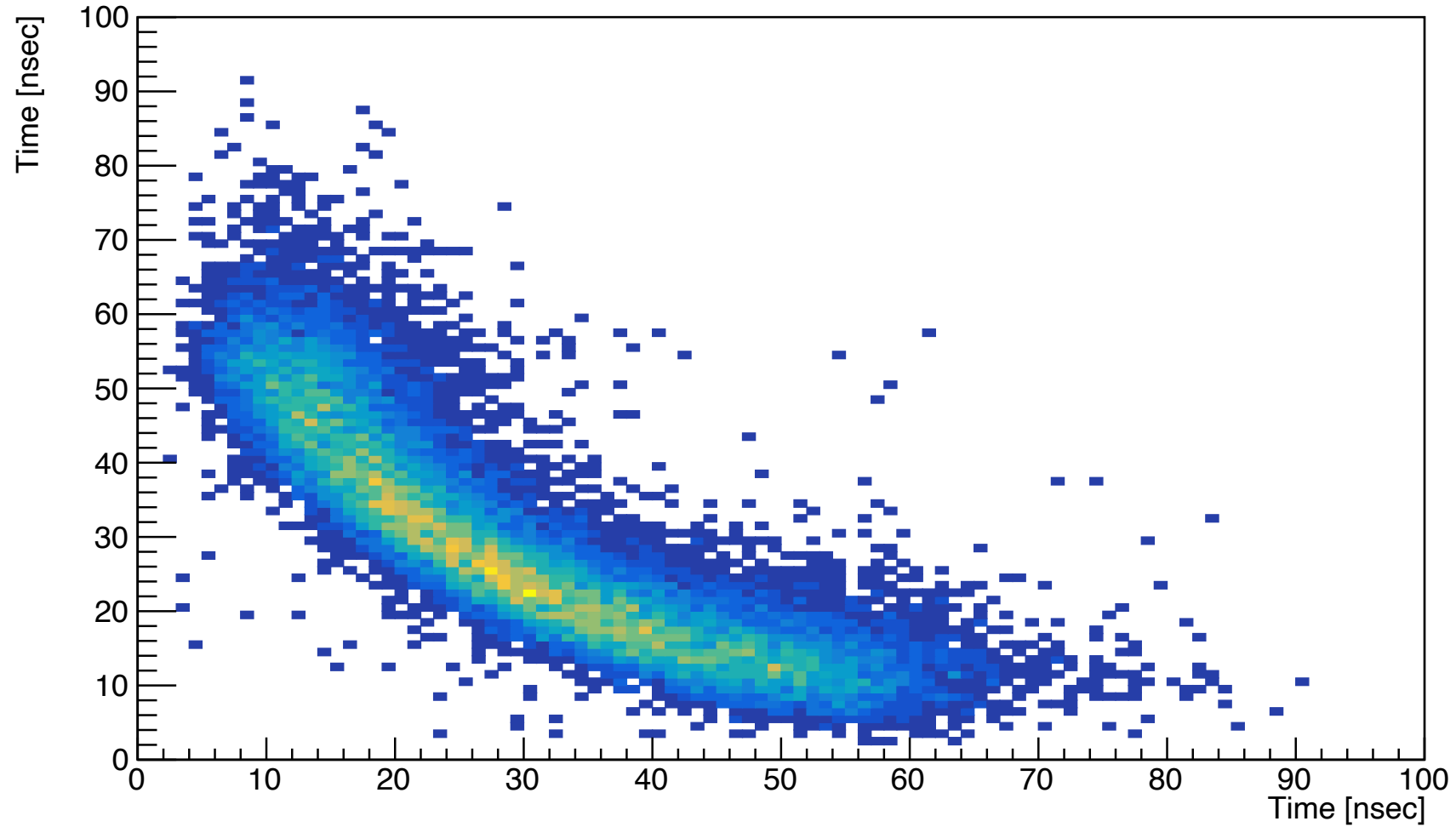
Uniform muon distribution studies for the test beam case

Straw:



- $R_{\text{tube}} = 3 \text{ mm}$
 - $A_d = 30 \text{ micron}$
 - $V_a = 1750 \text{ V}$
 - $\text{Penn} = 54$
 - $\text{Track}_{\text{count}} = 50 \text{ k}$
 - $\text{Ar/CO}_2 : 70/30$
 - $\text{Gas gain} = 90 \text{ k (exp)}$
 - $1 \text{ atm} / 20^\circ \text{ C} / E\mu = 1 \text{ GeV}$
 - No attachment
-
- $R_{\text{tube}} - r_R - \text{eps} < r_L < R_{\text{tube}} - r_R + \text{eps}$
 - $\text{eps} = 50 \text{ }\mu\text{m}$

Min stat banana (honest)



*plot from Sergey

Same parameters
(*gas gain 45k)