

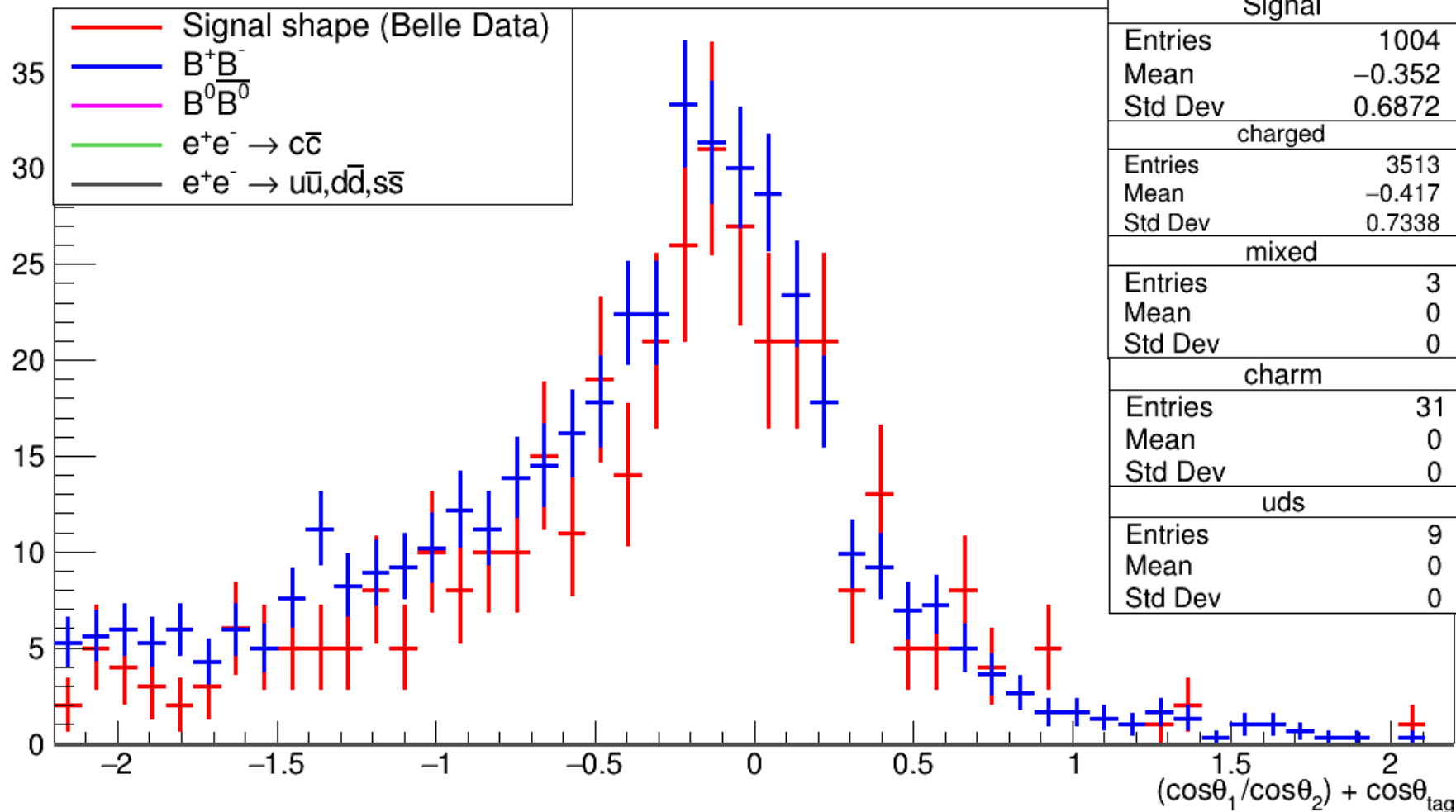
Normalization checks

Belle Data

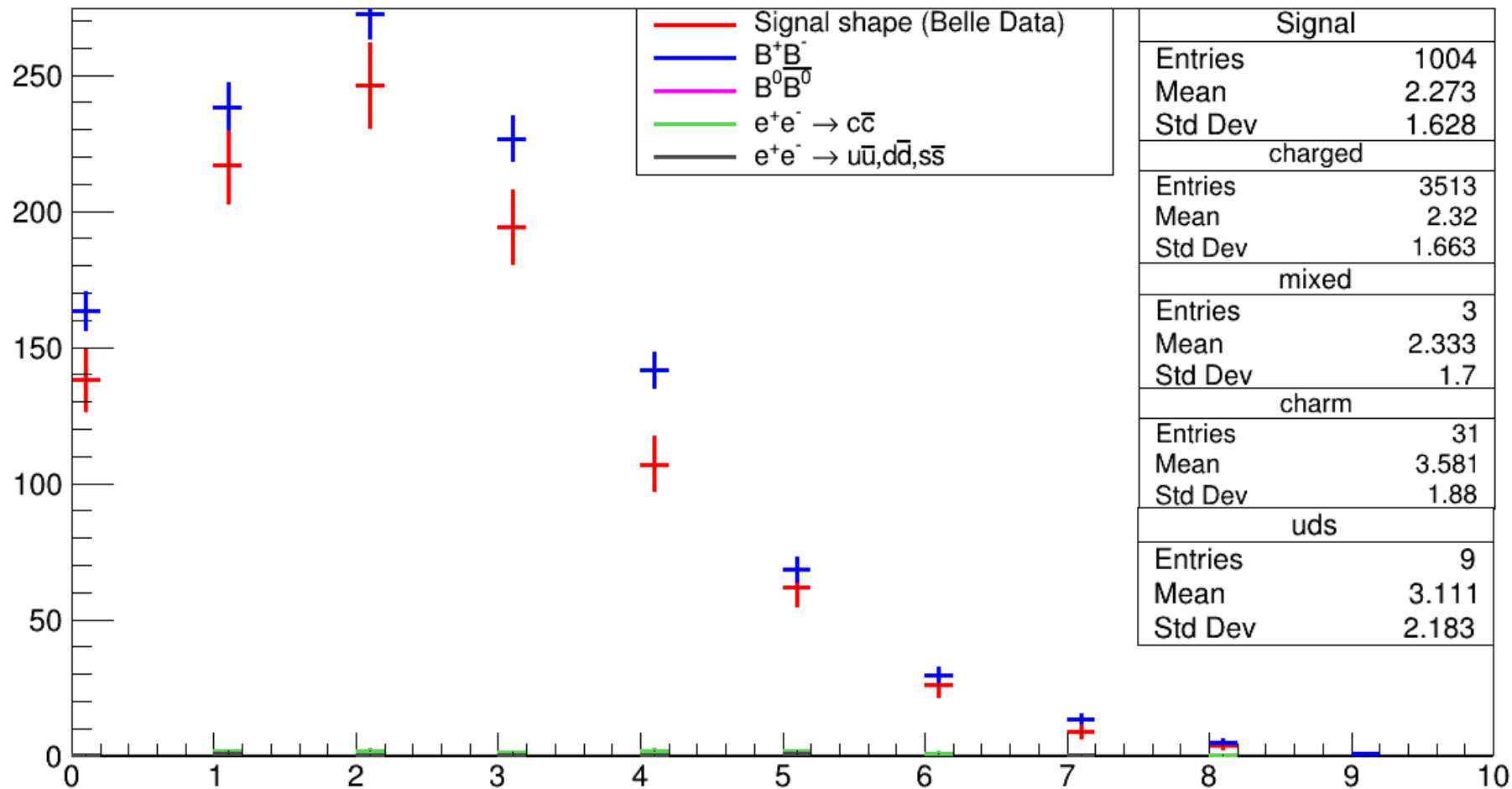
All experiments of Belle
3.0 Streams of generic MC

24 Jan. 2024

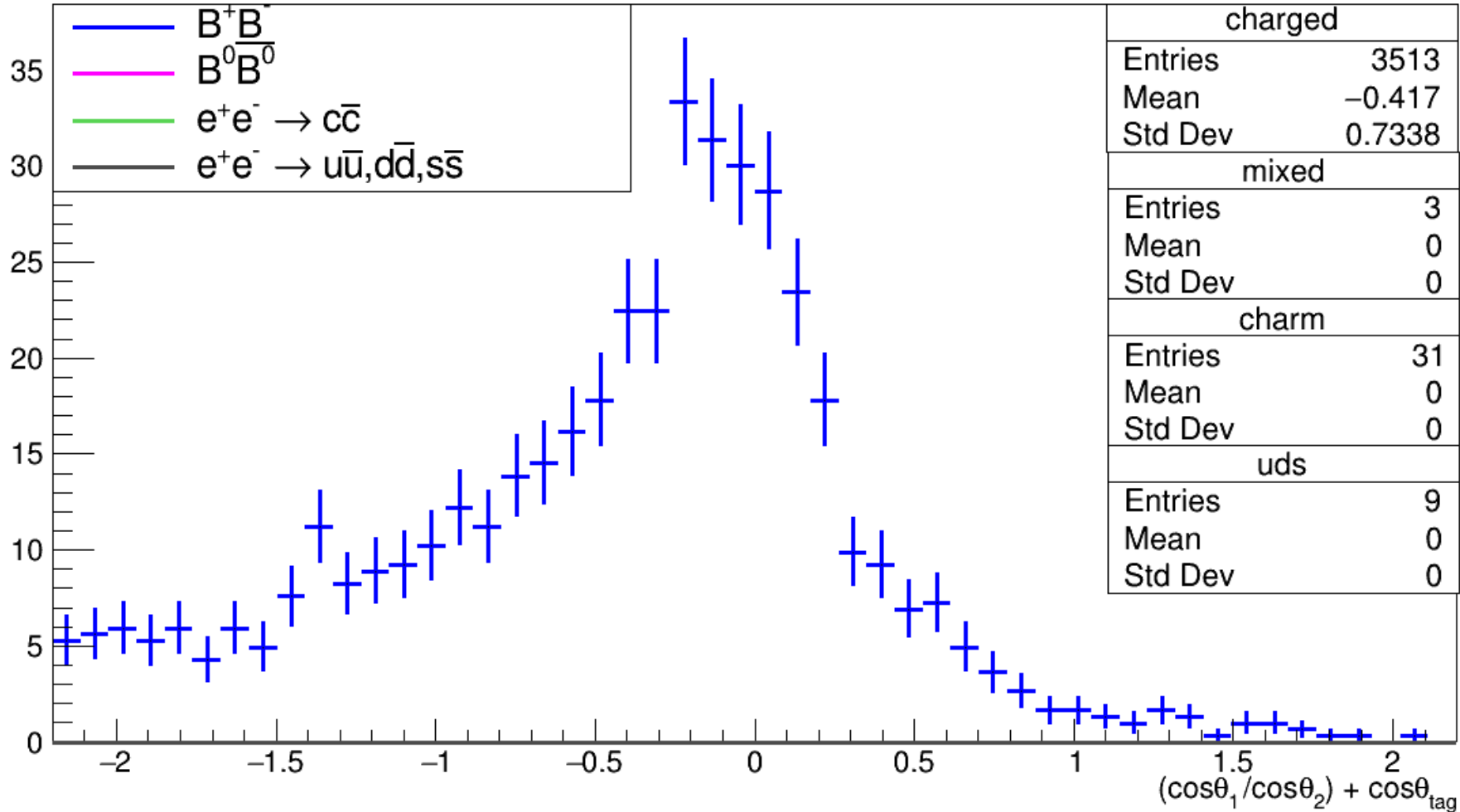
Best case $((\cos\theta_1/\cos\theta_2) + \cos\theta_{\text{tag}})$ (closer to zero)



Number of photons



Best case $((\cos\theta_1/\cos\theta_2) + \cos\theta_{\text{tag}})$ (closer to zero)



Backup

Cuts.

1- $M_{bc_Bsig} > 5.27$

2- $-0.050 < \text{deltaE_Bsig} < 0.050$

3- Rank 1

Scaled the generic MC histograms to 1/3.

```
....  
: charged.Scale(0.33);  
: mixed.Scale(0.33);  
: charm.Scale(0.33);  
: uds.Scale(0.33);
```