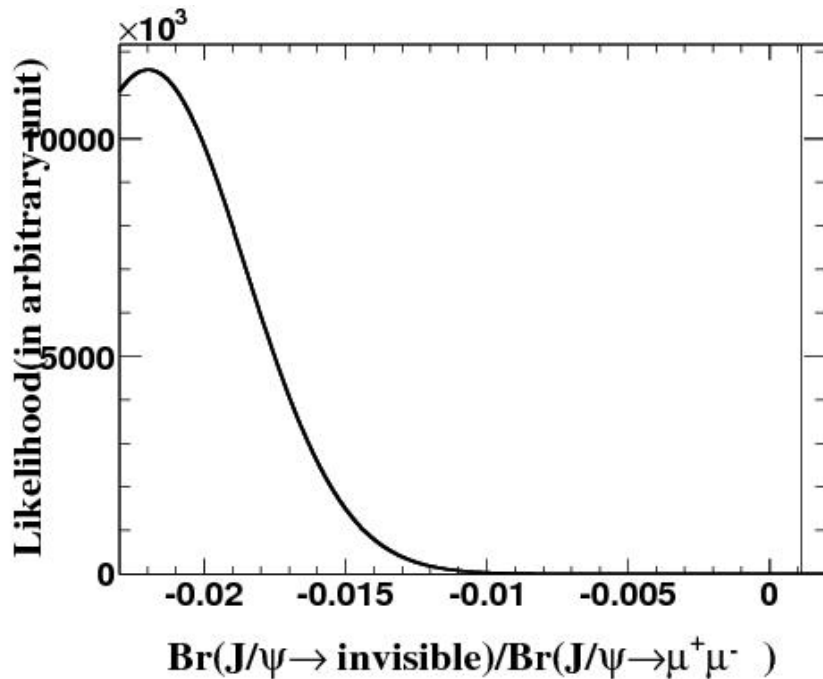



# Weekly Report

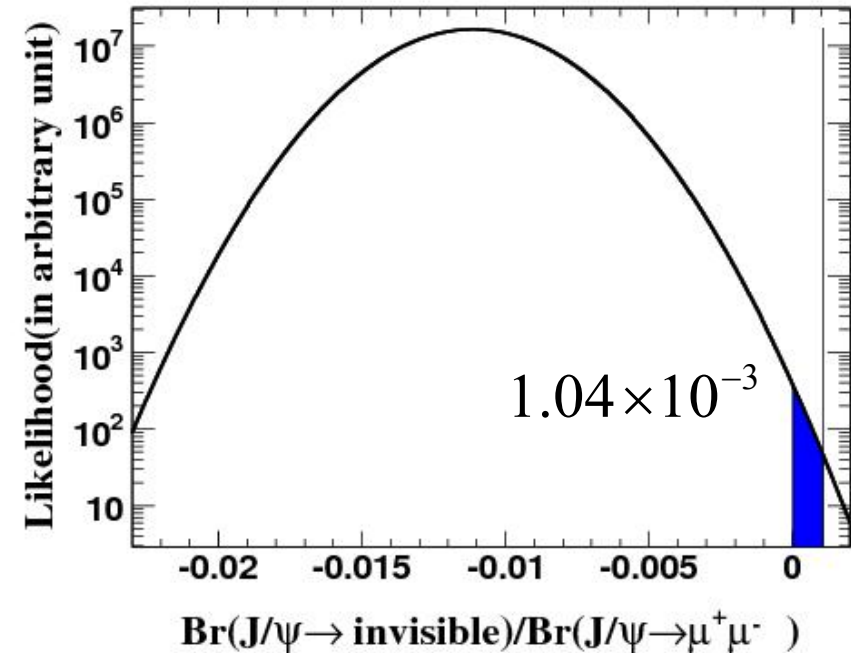
XIAO Suyu from IHEP  
20180727

# One possible way to combine results of 2009 & 2012

$$\frac{B(J/\Psi \rightarrow \text{invisible})}{B(J/\Psi \rightarrow \mu^+ \mu^-)} = (-111.33 \pm 24.09) \times 10^{-4} \quad \text{Gaussian + Gaussian} \stackrel{?}{=} \text{Gaussian}$$



in log scale  




Upper limit for 2009:  $5.08 \times 10^{-3}$

Upper limit for 2012:  $1.11 \times 10^{-3}$

 **Try simultaneous fit**

# ATLAS Shipping issue

- Liu Jun recommended a cheaper transport company(~ ¥ 6900).
- Related material has been sent to Material Building.
- 3 boxes will be arranged to mail **after summer break**.

**Thanks!**