

Abstract Submitted
for the SES21 Meeting of
The American Physical Society

Lambda⁰ Asymmetry at Belle II MATTHEW MESTAYER¹, JAKE BENNETT², University of Mississippi, BELLE II TEAM — This analysis uses data and simulations from the Belle II experiment at the SuperKEKB electron-positron collider in Tsukuba, Japan to study the detection asymmetry of Lambda⁰ decaying to a proton and a pion. These results will be helpful to validate the detector and are necessary input for studies of CP asymmetries in charmed baryon decays.

¹Undergrad Junior

²Assistant Professor

Matthew Mestayer
University of Mississippi

Date submitted: 30 Sep 2021

Electronic form version 1.4