invariant mass of  $\Lambda_b^0$  with cuts from lifetime paper lifecutmassLb **Entries** 546659 Mean 5378 **RMS** 231.7 Underflow 2.961e+05 Overflow 3.499e+04 2200 2000 1800 , rall of the standard of the 1600 1400 1200 1000 800 <del>-</del> 5000 5100 5200 5300 5600 5700 5800 5400 5500 Bs MM with cuts from lifetime paper (MeV)