

$q^2$ bin ( $\text{GeV}^2/c^4$ )	$B^+ \rightarrow K^+ \mu^+ \mu^-$ yield	$\mathcal{A}_{CP}(B^+ \rightarrow K^+ \mu^+ \mu^-)$	Stat. uncertainty	Syst. uncertainty
$0.05 < q^2 < 2.00$	$164 \pm 14$	$-0.152$	0.085	0.008
$2.00 < q^2 < 4.30$	$167 \pm 14$	$-0.008$	0.094	0.012
$4.30 < q^2 < 8.68$	$339 \pm 21$	$0.070$	0.067	0.005
$10.09 < q^2 < 12.86$	$221 \pm 17$	$0.060$	0.081	0.024
$14.18 < q^2 < 16.00$	$145 \pm 13$	$-0.079$	0.091	0.008
$16.00 < q^2 < 18.00$	$145 \pm 13$	$0.100$	0.093	0.019
$18.00 < q^2 < 22.00$	$120 \pm 13$	$-0.070$	0.111	0.016
Weighted average		$0.000$	0.033	0.005
$1.00 < q^2 < 6.00$	$362 \pm 21$	$-0.019$	0.061	0.010