

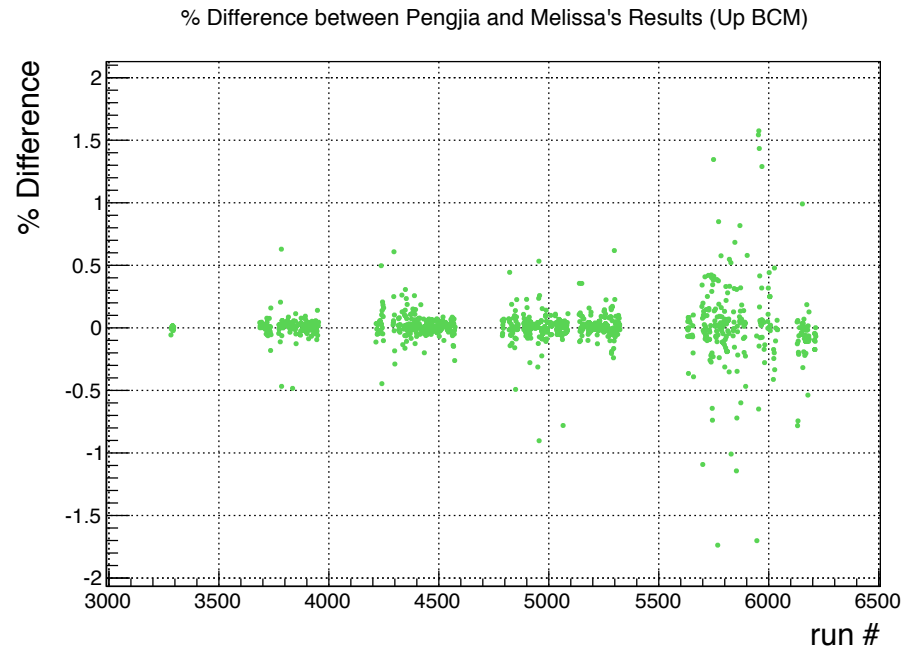
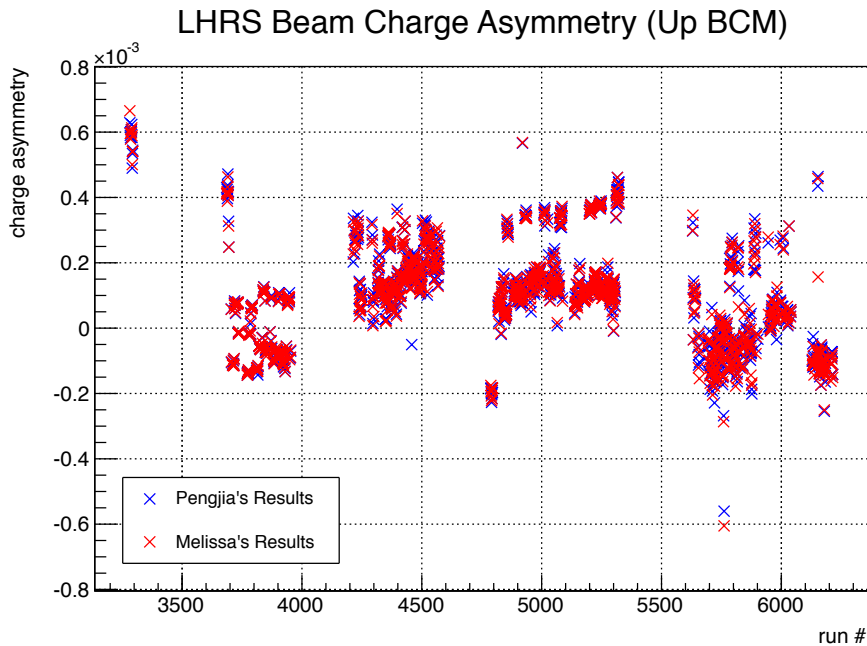
Beam Charge Asymmetry

Melissa Cummings

06/12/13

Comparison with Pengjia's Results

LHRS - Ring Buffer Data – Up BCM

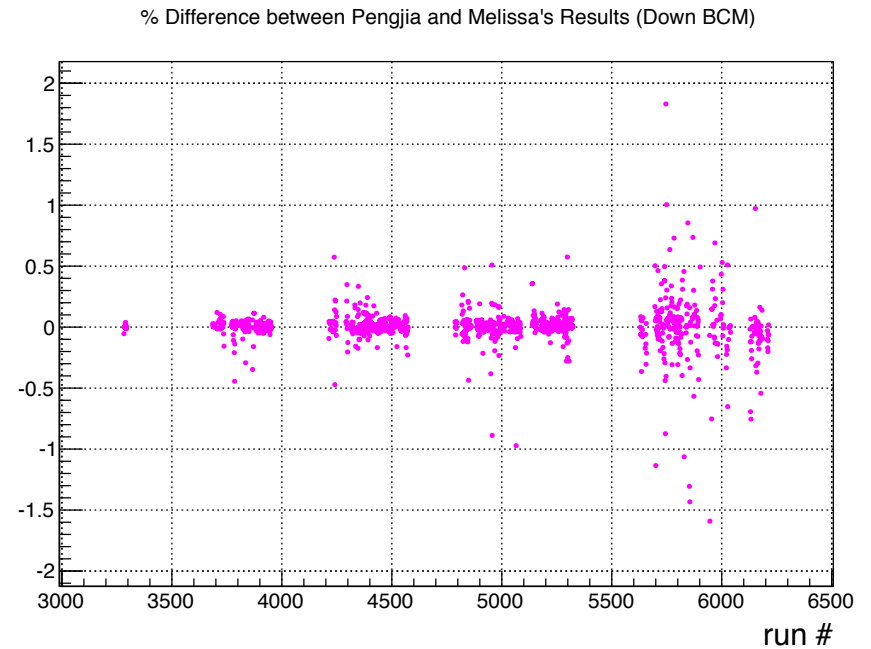
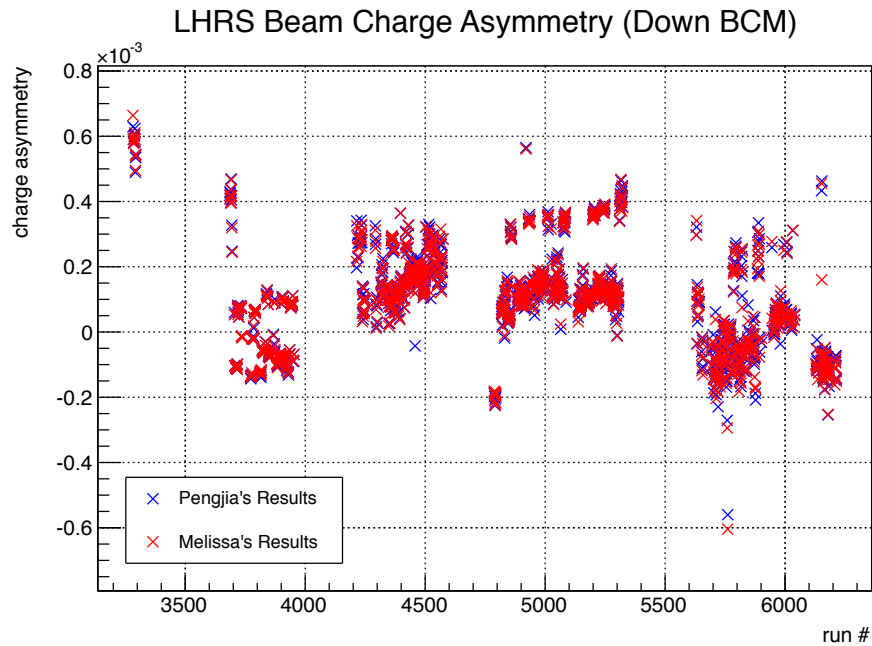


$$A^u = \frac{u^+ - u^-}{u^+ + u^-}$$

Includes all production runs with
Data Quality = 3 (no problems)

Comparison with Pengjia's Results

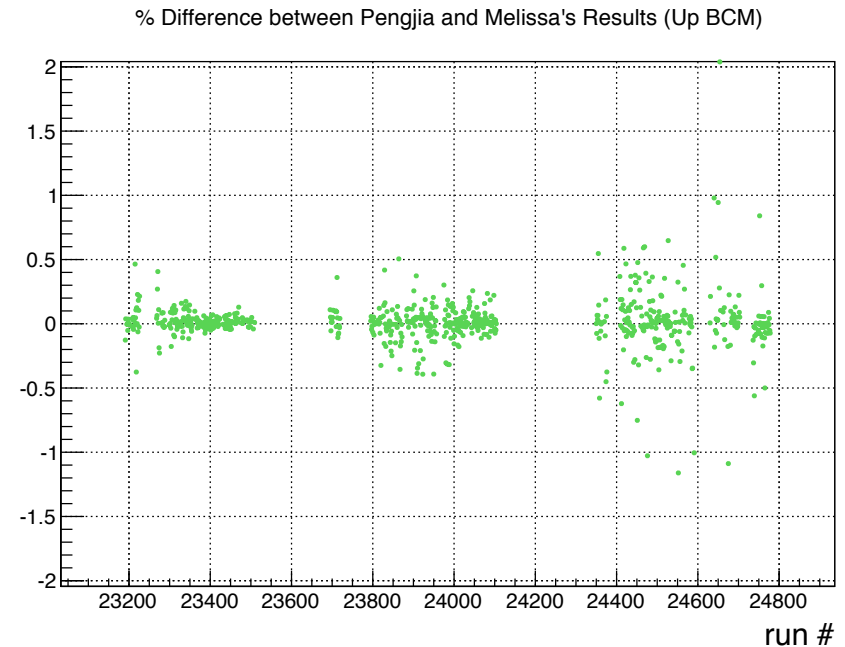
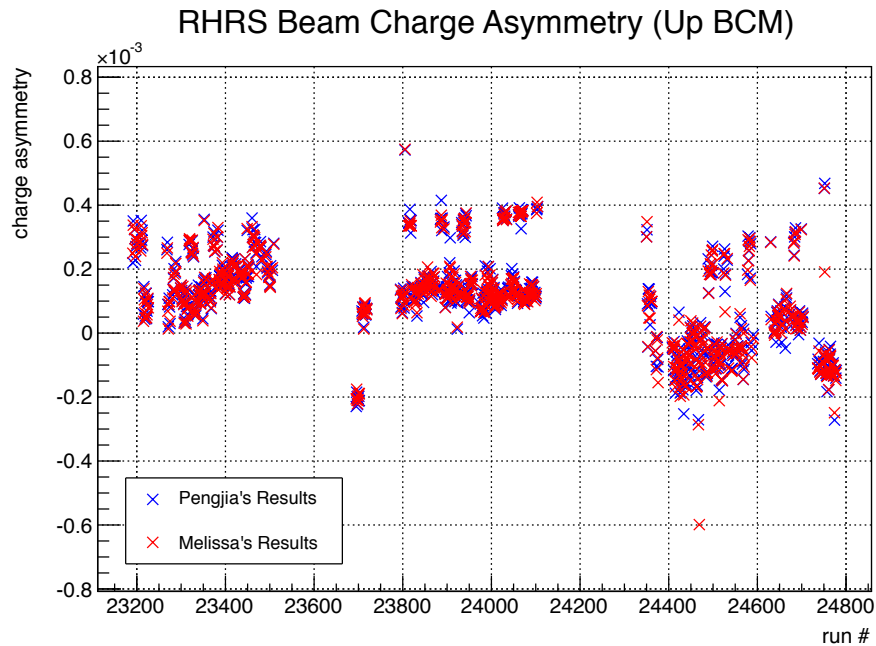
LHRS - Ring Buffer Data –Down BCM



$$A^d = \frac{d^+ - d^-}{d^+ + d^-}$$

Comparison with Pengjia's Results

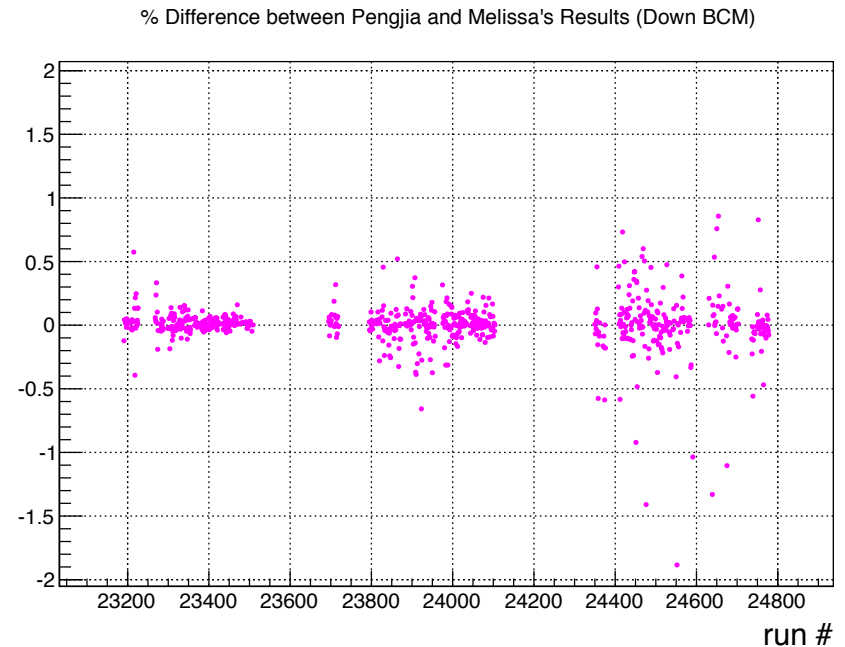
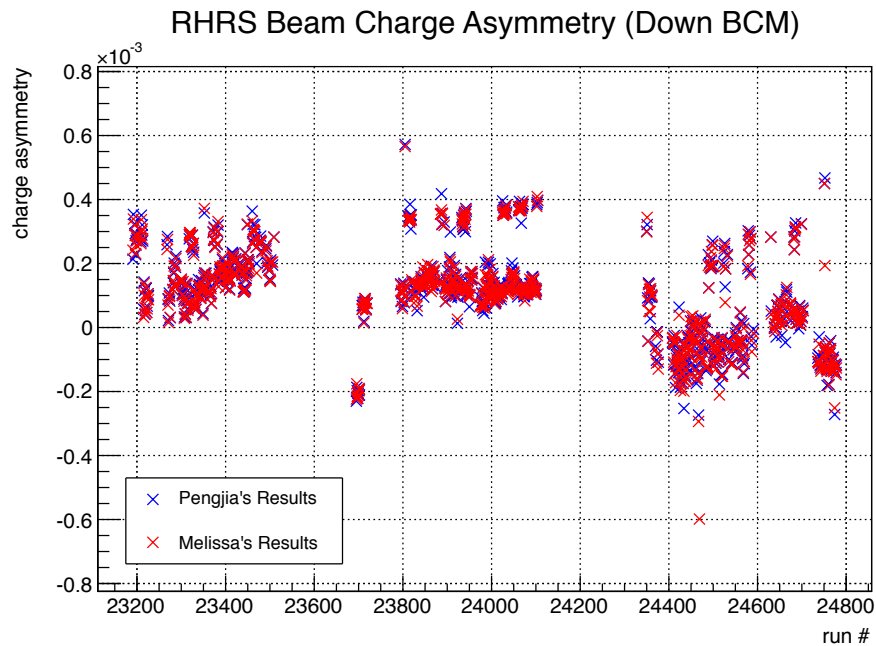
RHRS - Ring Buffer Data – Up BCM



$$A^u = \frac{u^+ - u^-}{u^+ + u^-}$$

Comparison with Pengjia's Results

RHRS - Ring Buffer Data –Down BCM



$$A^d = \frac{d^+ - d^-}{d^+ + d^-}$$