

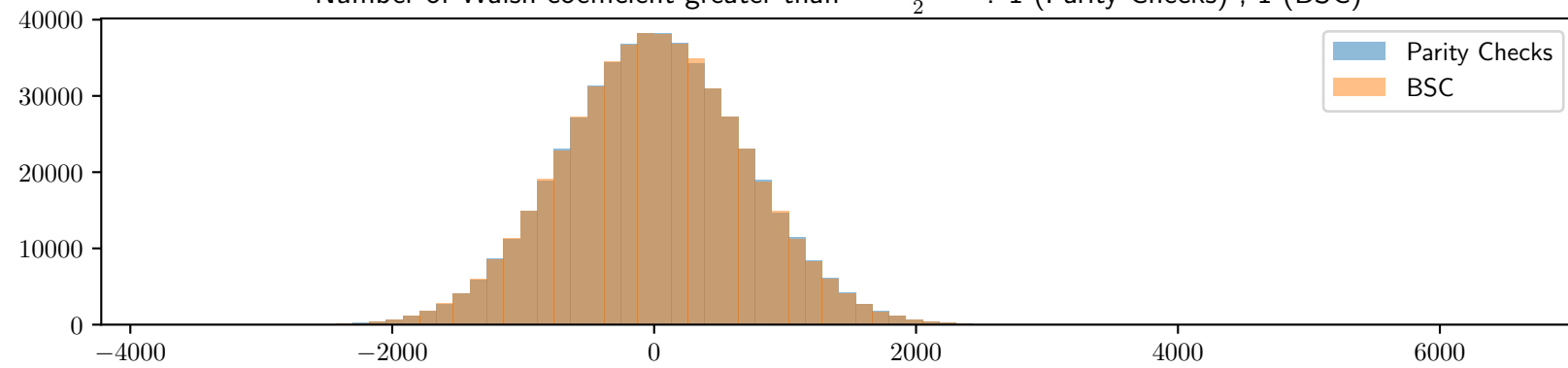
$$w = 4, \quad s = 19 \quad k = 40, \quad n = 3004, \quad |e_P| = 6, \quad |e_N| = 605, \quad \frac{1-\epsilon}{2} = 0,437715$$

$\#\mathcal{H} = 494176$ , Theoretical values :  $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 19$ ,  $\mathcal{F}(\epsilon) = 61560$ ,  $\mathcal{F}(GV) = 3248$

Experimental values :  $\mathcal{F}(e_P)$  : 61310 (Parity Checks) ; 61890 (BSC)

Second highest walsh coefficient: 3370 (Parity Checks) ; 3226 (BSC)

Number of Walsh coefficient greater than  $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$ : 1 (Parity Checks) ; 1 (BSC)

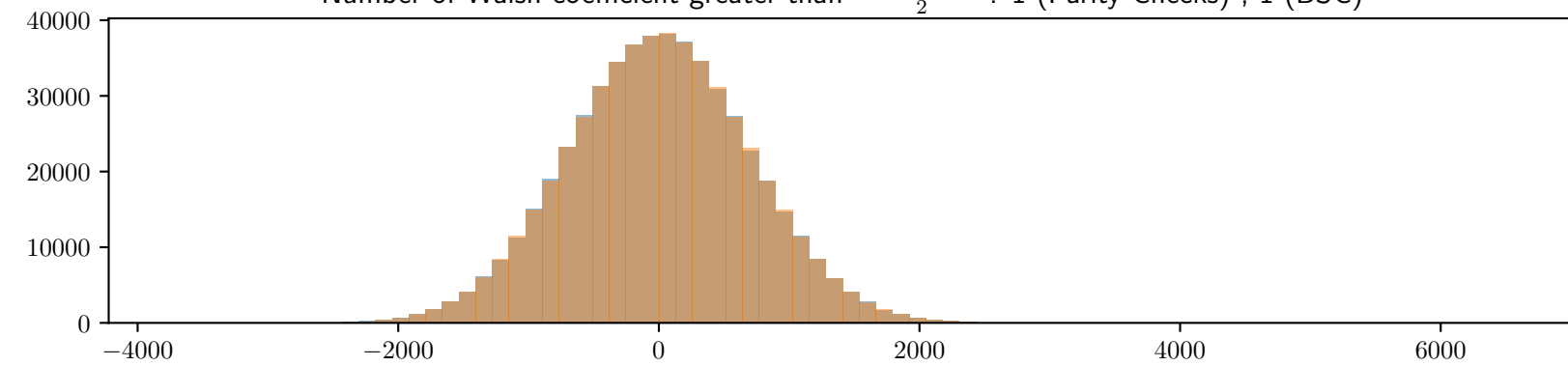


$\#\mathcal{H} = 493866$ , Theoretical values :  $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 19$ ,  $\mathcal{F}(\epsilon) = 61521$ ,  $\mathcal{F}(GV) = 3248$

Experimental values :  $\mathcal{F}(e_P)$  : 61734 (Parity Checks) ; 62276 (BSC)

Second highest walsh coefficient: 3330 (Parity Checks) ; 3322 (BSC)

Number of Walsh coefficient greater than  $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$ : 1 (Parity Checks) ; 1 (BSC)

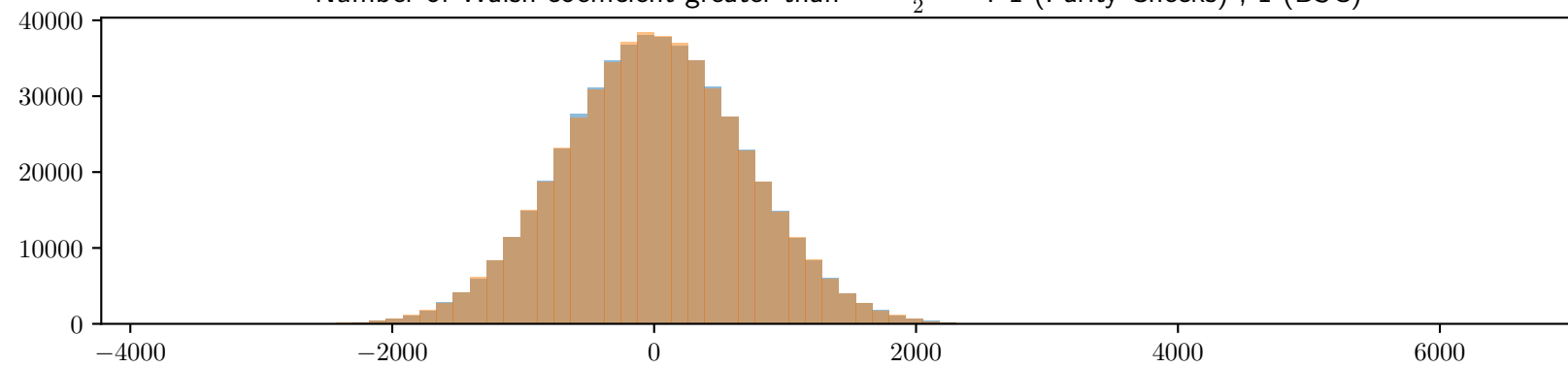


$\#\mathcal{H} = 494223$ , Theoretical values :  $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 19$ ,  $\mathcal{F}(\epsilon) = 61566$ ,  $\mathcal{F}(GV) = 3249$

Experimental values :  $\mathcal{F}(e_P)$  : 61283 (Parity Checks) ; 62679 (BSC)

Second highest walsh coefficient: 3499 (Parity Checks) ; 3395 (BSC)

Number of Walsh coefficient greater than  $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$ : 1 (Parity Checks) ; 1 (BSC)



$\#\mathcal{H} = 494101$ , Theoretical values :  $\frac{\mathcal{F}(\epsilon)}{\mathcal{F}(GV)} = 19$ ,  $\mathcal{F}(\epsilon) = 61550$ ,  $\mathcal{F}(GV) = 3249$

Experimental values :  $\mathcal{F}(e_P)$  : 61389 (Parity Checks) ; 62249 (BSC)

Second highest walsh coefficient: 3057 (Parity Checks) ; 3017 (BSC)

Number of Walsh coefficient greater than  $\frac{\mathcal{F}(GV)+\mathcal{F}(\epsilon)}{2}$ : 1 (Parity Checks) ; 1 (BSC)

