AVG NUMBER IONS BLUE BEAM 119.837e9 AVG NUMBER IONS YELLOW BEAM 119.243e9 BBC ZDC Z VERTEX OFFSET -10.7391 **BETA STAR 83.6019 BUNCH CROSSING FREQUENCY 78213.** CROSSING ANGLE XZ 0.000531007 CROSSING ANGLE YZ 0. **FILLED BUNCHES 107 HORIZONTAL BEAM WIDTH 0.027369 MAX COLLISIONS 5 MULTIPLE COLLISION RATE 0.249476 RUN NUMBER 360879** VERTICAL BEAM WIDTH 0.0265107 X OFFSET 0.006503 Y OFFSET 0 ZDC COUNTS 82111 ZDC VERTEX DISTRIBUTION NAME zdc zvtx step 6 **Z BUNCH WIDTH CENTRAL GAUSIAN 55.95 Z BUNCH WIDTH LEFT GAUSSIAN 35.15** Z BUNCH WIDTH LEFT OFFSET -70.2 **Z BUNCH WIDTH RIGHT GAUSIAN 27.65 Z BUNCH WIDTH RIGHT OFFSET 56.7 Z PROFILE SCALE VALUE 2.0**

