

**AVG\_NUMBER\_IONS\_BLUE\_BEAM 120.029e9**  
**AVG\_NUMBER\_IONS\_YELLOW\_BEAM 88.1677e9**  
**BBC\_ZDC\_Z\_VERTEX\_OFFSET -9.53756**  
**BETA\_STAR 85**  
**BUNCH\_CROSSING\_FREQUENCY 78213.**  
**CROSSING\_ANGLE\_XZ -0.08e-3**  
**CROSSING\_ANGLE\_YZ 0.**  
**FILLED\_BUNCHES 107**  
**HORIZONTAL\_BEAM\_WIDTH 0.0245674**  
**MAX\_COLLISIONS 5**  
**MULTIPLE\_COLLISION\_RATE 0.001**  
**RUN\_NUMBER 359711**  
**VERTICAL\_BEAM\_WIDTH 0.0238342**  
**X\_OFFSET -0.1**  
**Y\_OFFSET 0**  
**ZDC\_COUNTS 592**  
**ZDC\_VERTEX\_DISTRIBUTION\_NAME zdc\_zvtx\_step\_0**  
**Z\_BUNCH\_WIDTH\_CENTRAL\_GAUSSIAN 55.95**  
**Z\_BUNCH\_WIDTH\_LEFT\_GAUSSIAN 35.15**  
**Z\_BUNCH\_WIDTH\_LEFT\_OFFSET -70.2**  
**Z\_BUNCH\_WIDTH\_RIGHT\_GAUSSIAN 27.65**  
**Z\_BUNCH\_WIDTH\_RIGHT\_OFFSET 56.7**  
**Z\_PROFILE\_SCALE\_VALUE 2.0**