Beijing Test Beam Running in 2004-2005 at IHEP

First test beam are delivered for the BESIII in 2003 year. In 2004-2005 the Test Beam is running for the beam test of BESIII's sub-detector prototype. The prototype is included Main Drift Camber (MDC) of the 1:1 unit, Electromagnetic Calorimeter (EMC), Time of Fly (TOF) and Muon detector (RPC). Others, because of the beam is short of time, so, at last month, several detector are testing together as a "sugarcoated haws on the stick". Also, the electronics system was combined test. The test beam was serviced the measurements of detectors performance successfully. The test beam is shutdown at the BEPC to end at June 30, 2005.

Current parameter of Beijing Test Beam as follow table 1.

Parameter	**Primary electron beam**	**Secondary particle on E3 line (e, pion, proton)**
Charge/Bunch	1.0 x 10^{10}	Single and multi-particle
Energy	1.3 GeV	0.2-1.2GeV
Energy Spread		1% (on the 1cm^2 cross section)
Bunch width (ns) **Bunch rate (Hz)**	1.4 25	 1.5-2 (with single); 7-8 (with multi-particle)

During the test beam shutdown it will be planning – update.

MWPC

The present MWPC is readout with cathode strips induction, and take a position resolution by the centre of gravity method. So, its double track resolution is above10mm. As a shingle particle was selected, its efficiency of the selection is low, and there is about 10-15% surplus of double particle. That update the MWPC is imperative on the test beam line.

Analysis and interpretation of test beam data