

## **ET6 and ET40 Status**

### **1.ETagger6m**

#### **Alignments of T0 for TE and channels responses**

*Special data taking with ST91 and ST96*

*Data ST96 - contamination by off momentum positrons.*

*Alignment withing about 15%*

#### **Calibration**

*Offline , ST91 data, PD CC are fixed*

*Geometrical cuts, Correlation plot*

*Calibration is done for 2002*

*Next steps - to tune HV according to offline calibration*

*LED monitoring system. Zener diodes in biases*

#### **Online histos**

*Dependent on trigger mix*

*Calibration coefficients - roughly from alignment*

*Middle of December - problem with T0 for ADC6 :*

***SAMPL3\_0 -> SAMPL1\_0***

*2003 - unstable(??) behaviour of both ADC6 and ADC7*

*Can be corrected using LNEF bank (V.Andreev).*

## **ET6 and ET40 Status**

### **2.ETagger40m**

#### **Readout**

*Needs T0 tuning*

#### **Calibration**

*Procedure to be elaborated*

#### **Recent problems**

*Water leak*

*Roof over detector to protect against water*

*Radiation damages of crystals*

*To diminish probability of radiation damage:*

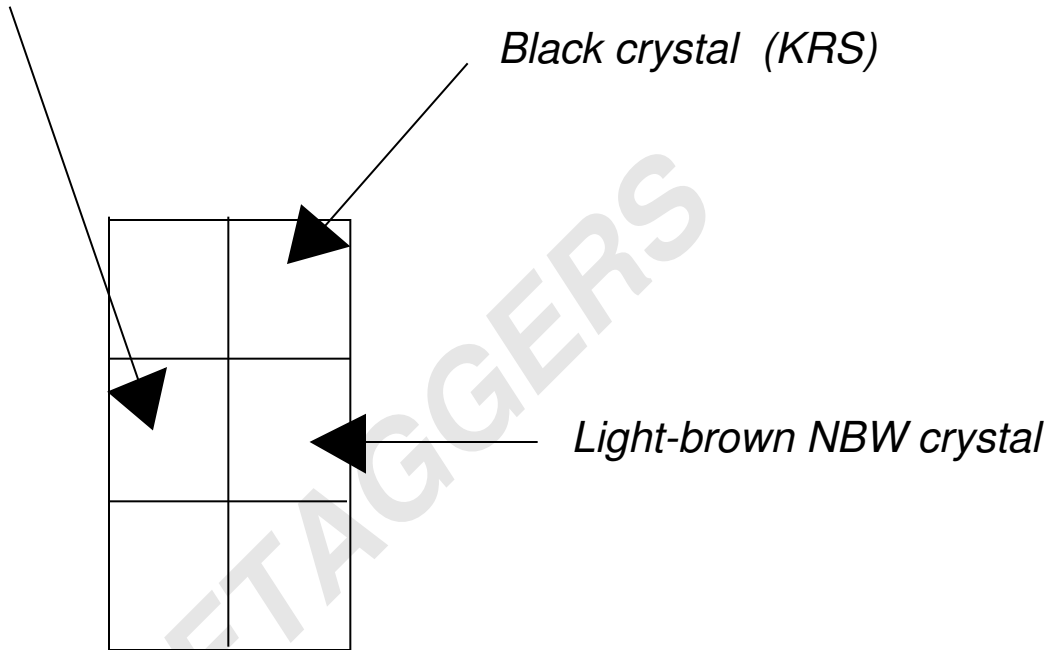
*install ET40 right before HERA will start LUMI RUN*

*remove ET40 from beam plane during injection and rapping*

## ***ET6 and ET40 Status***

*Damaged NBW crystal*

*Black crystal (KRS)*



*Light-brown NBW crystal*

**ET40 damages**