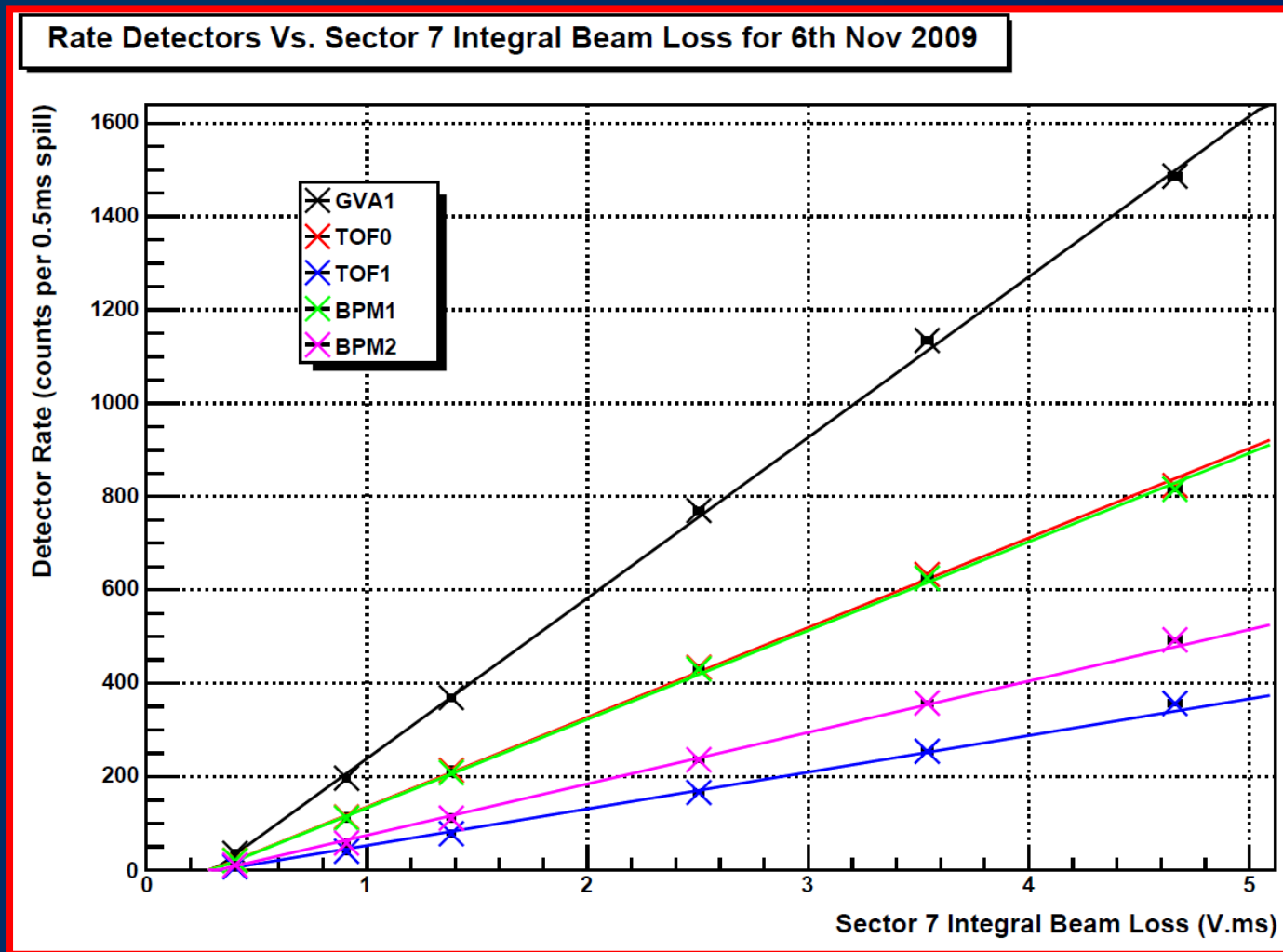


Target run plan:

Particle rate versus BCD:



- Linear correlation established;
 - Studies to understand beam loss using ORBIT underway
 - Particle rate studies to understand correlation coming forward

Particle rate versus 'short delay':

- **Data taken:**
 - Will be analysed by A.Dobbs
 - Procedure to optimise in preparation for a run defined
 - Studies to understand behaviour using ORBIT under way

Orbit excursion to benefit MICE:

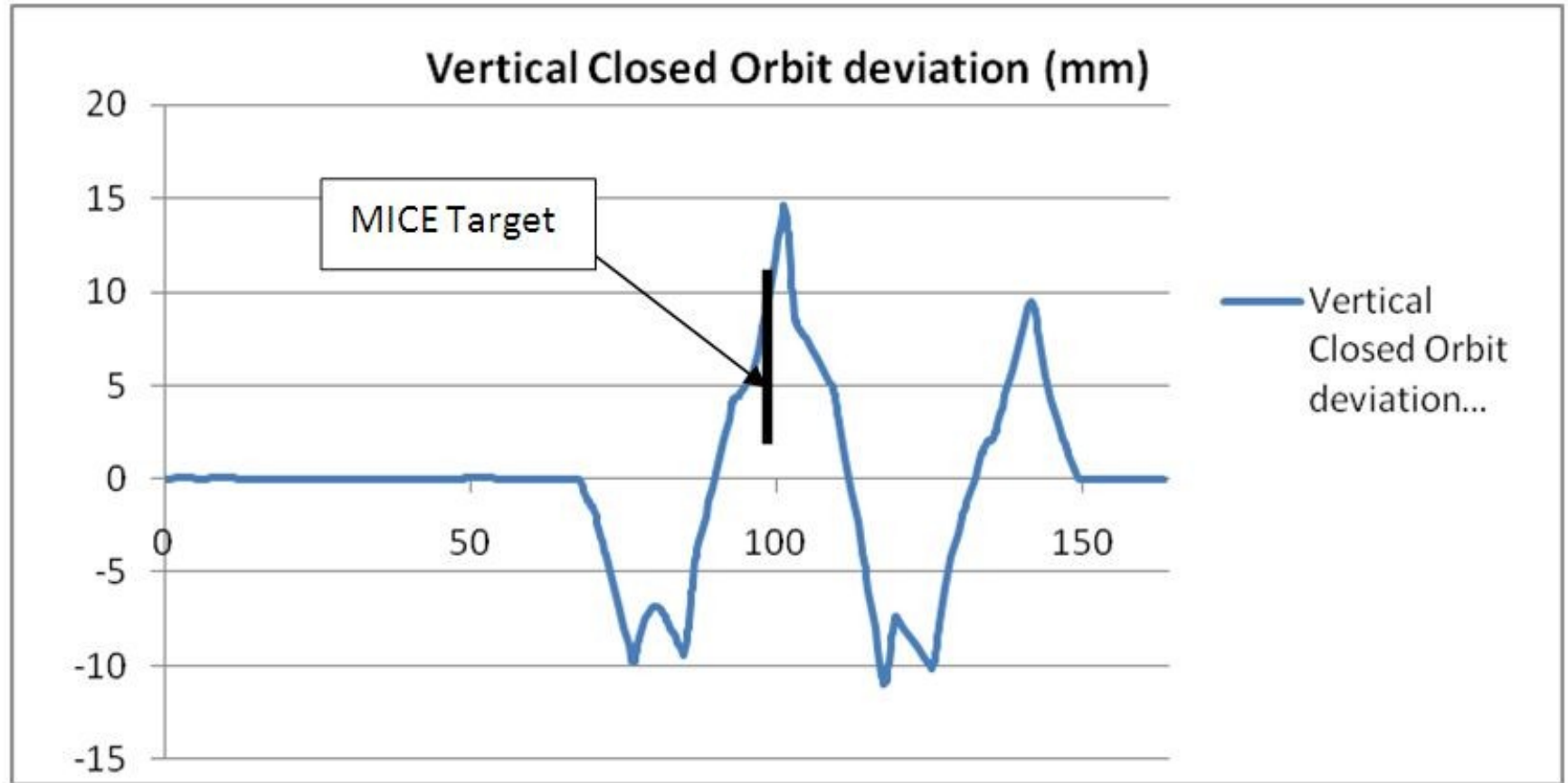


Figure 2.1: Vertical Orbit Perturbation to achieve 10 mm at the MICE target.

- Opportunity to improve rate/beam loss by limiting target intersection with the beam to shorter period

So, target run plan:

- **Commission beam bump:**
 - **Between now and May/June**
 - **Dean Adams and ISIS plan to develop optics for bump**
- **Test beam bump:**
 - **Machine physics period before and after summer user run**