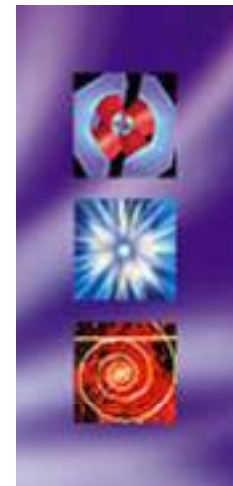
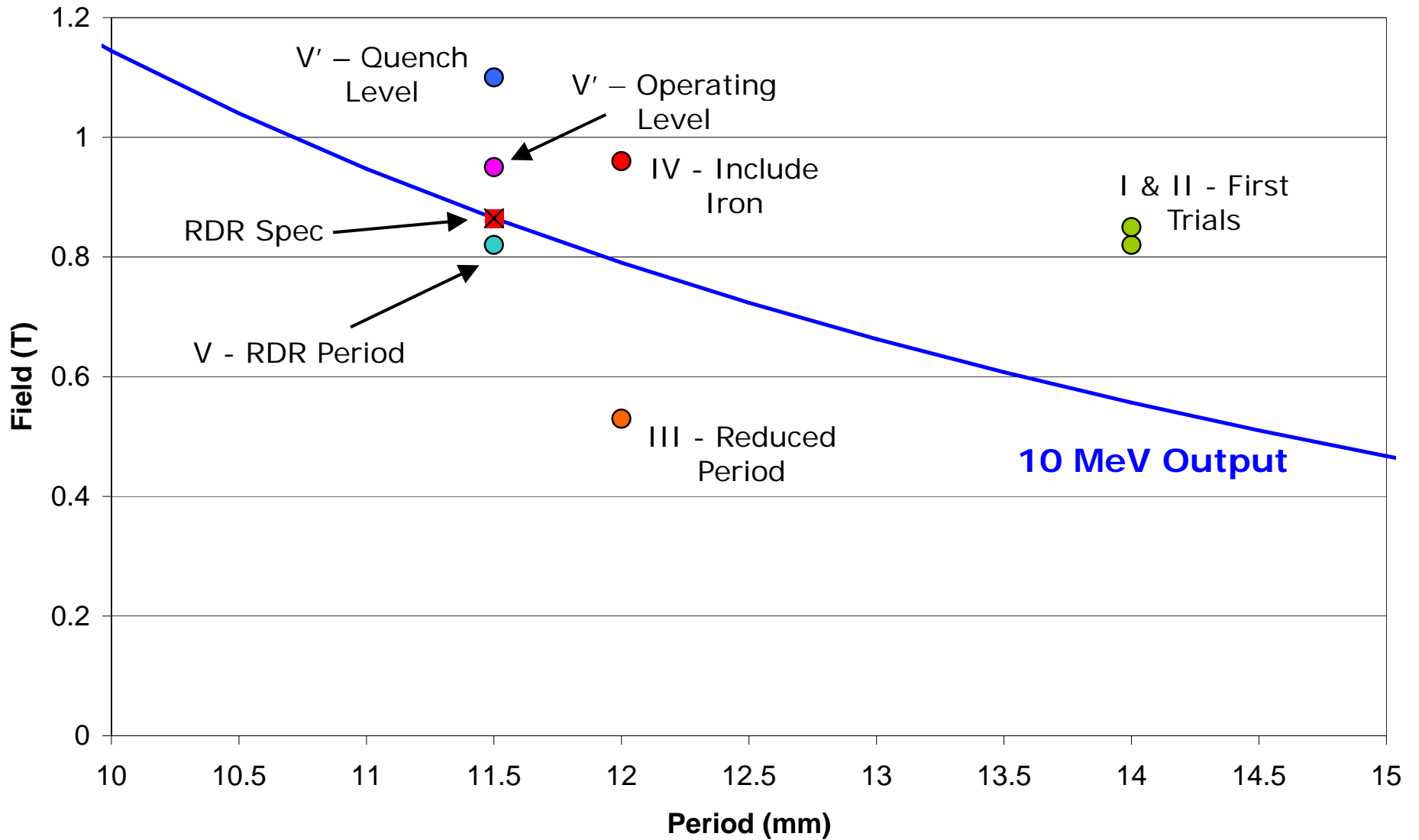


UK Undulator Status

Jim Clarke
ASTeC, STFC Daresbury
Laboratory



- STFC are building a full scale 4m undulator module
 - 2 x 1.75m undulators
 - RDR parameters
 - Stand-alone cryosystem
- At last meeting, Sept 07, all short prototypes were complete and focus was on design, manufacture and testing of 4m cryostat



- Undulator I
 - Manufactured and fully (vertically) tested
 - Nick to present test results
 - Now being e-beam welded to bellows
- Undulator II
 - Manufactured and magnet tests have started
- Cryomodule
 - All major components and tooling at RAL except helium bath (delivery 2 to 3 weeks)
 - Turret undergoing trial assembly
 - Module trial assembly to start mid April when bath delivered
- Plan
 - Complete end June – bath and Und II tests critical



**All (nearly) the
team at RAL**





Helium Bath at Manufacturers

Accelerator Science and Technology Centre

