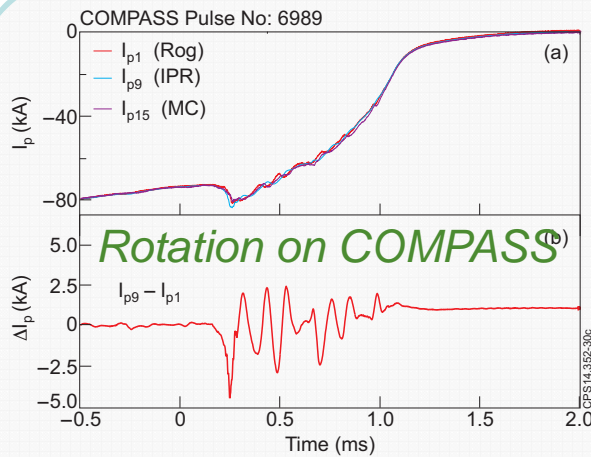
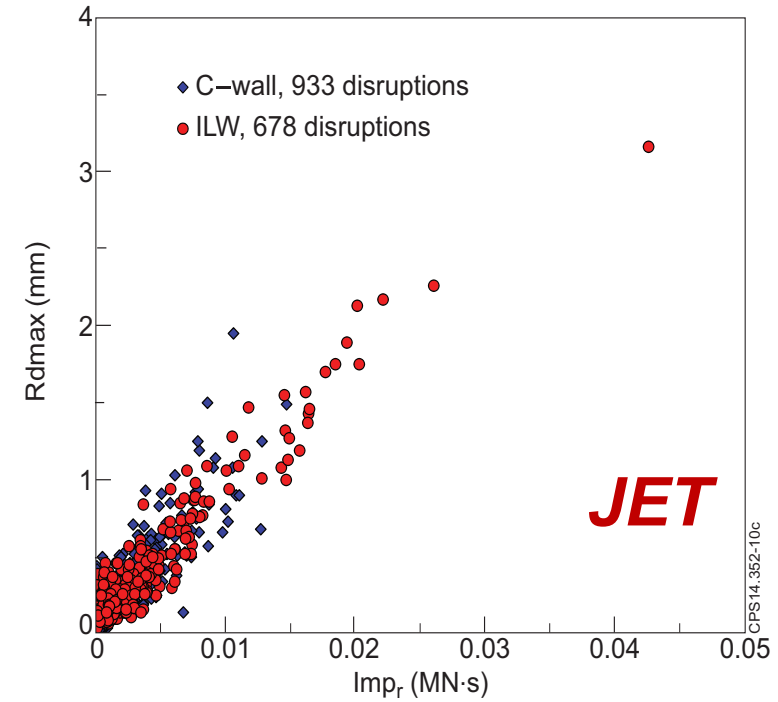


- 3D (asymmetrical) disruptions may occur during ITER operations, hence there is a threat of:
- large sideways forces, **see JET vessel radial displacement vs sideways forces directional impulse**  
→
- resonance rotation with the natural vessel (and vessel components) frequencies ↓

**JET rotations are in the range of -5 to +10 toroidal turns, which cover the domain of the possible dynamic amplification of the sideways forces in ITER**



**JET and COMPASS data has been found to be consistent in terms of amplitude of asymmetries and toroidal rotation behaviour**

