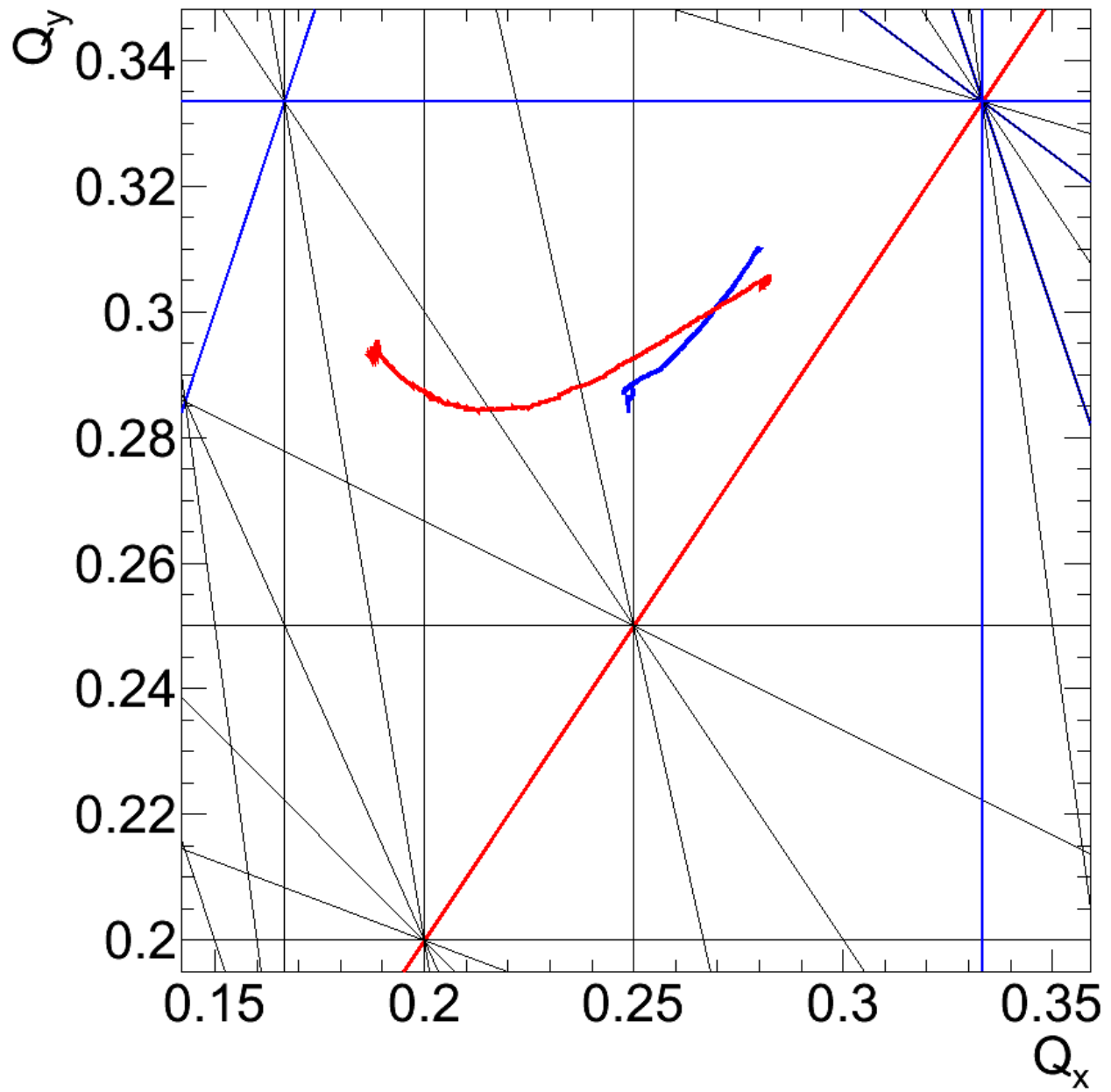




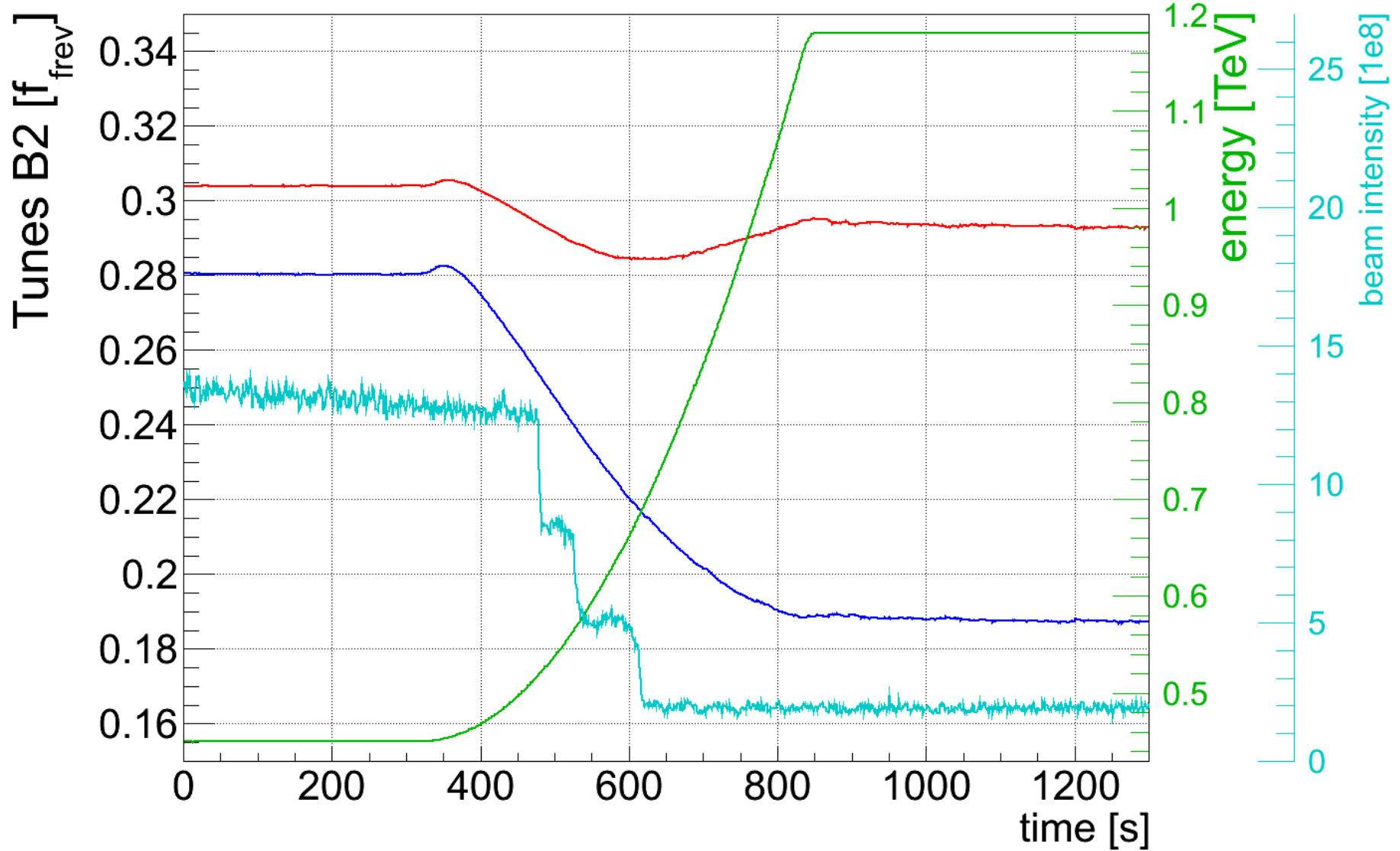
# 2<sup>nd</sup> LHC Ramp Commissioning, 2009-11-30

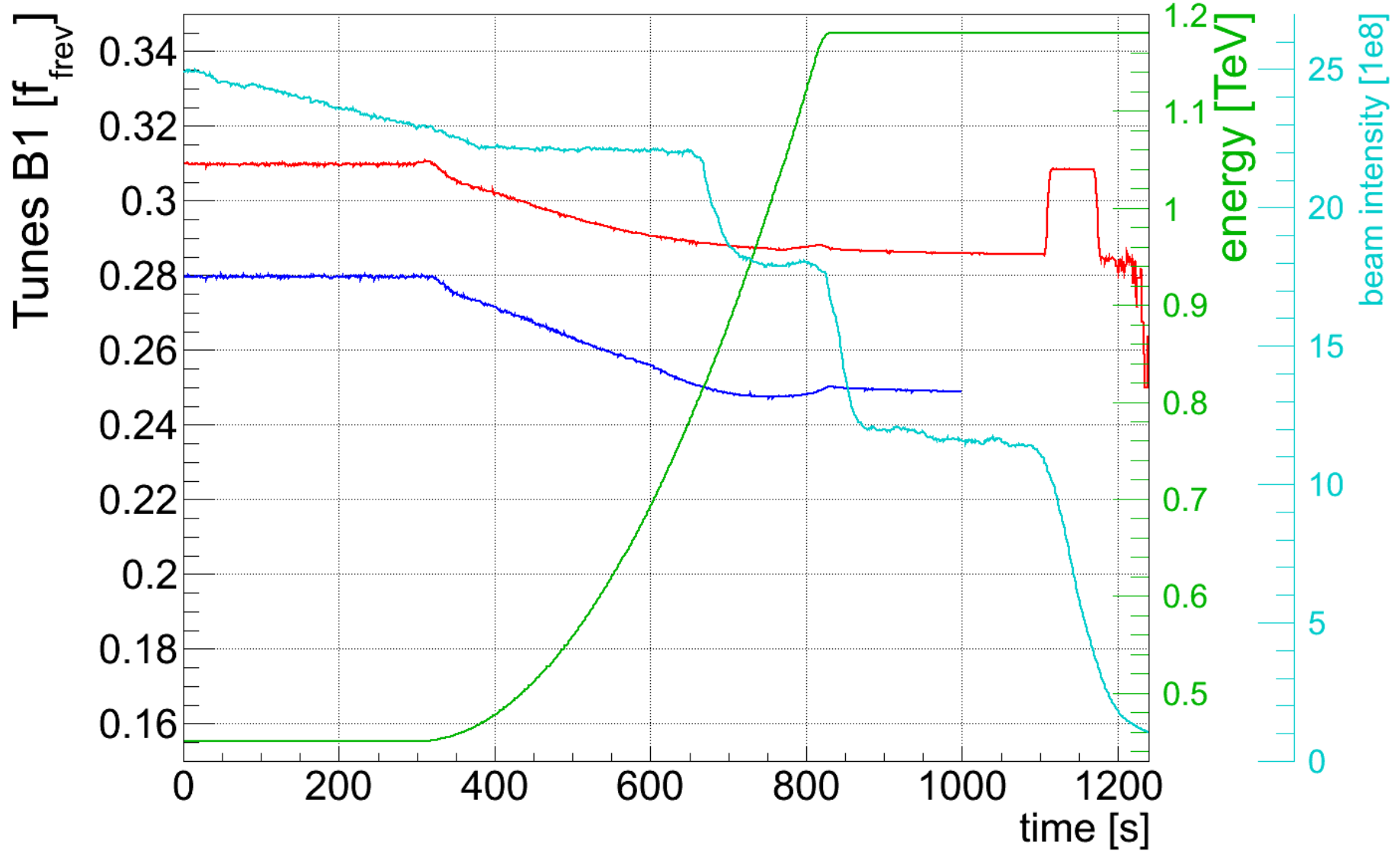
## Third Ramp to 1.18 TeV





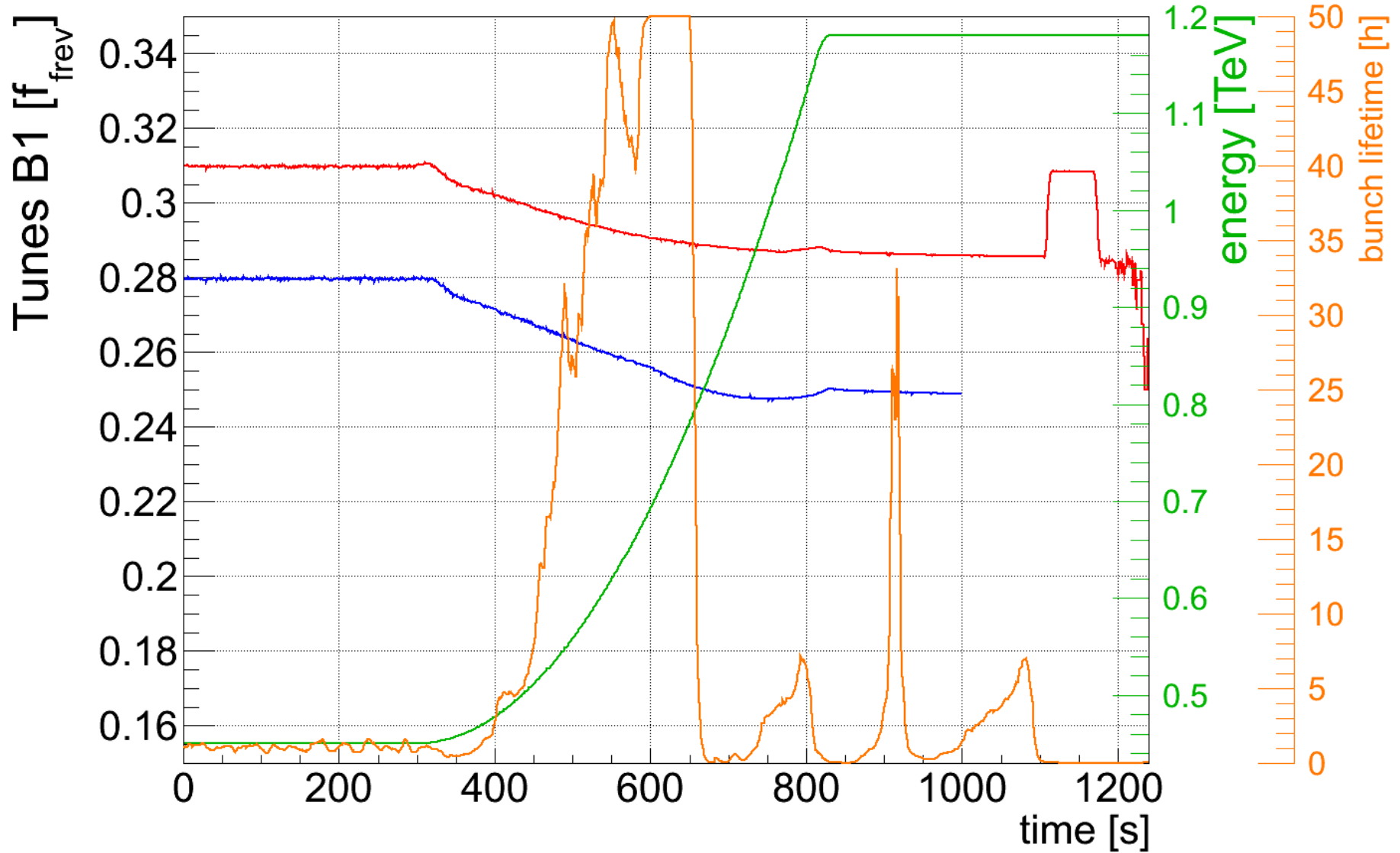
# LHC Beam 2 Ramp Evolution







# LHC Beam 1 Ramp Evolution II/II



LHC Beam Commissioning WG meeting, Ralph.Steinhausen@CERN.ch, 2009-12-01