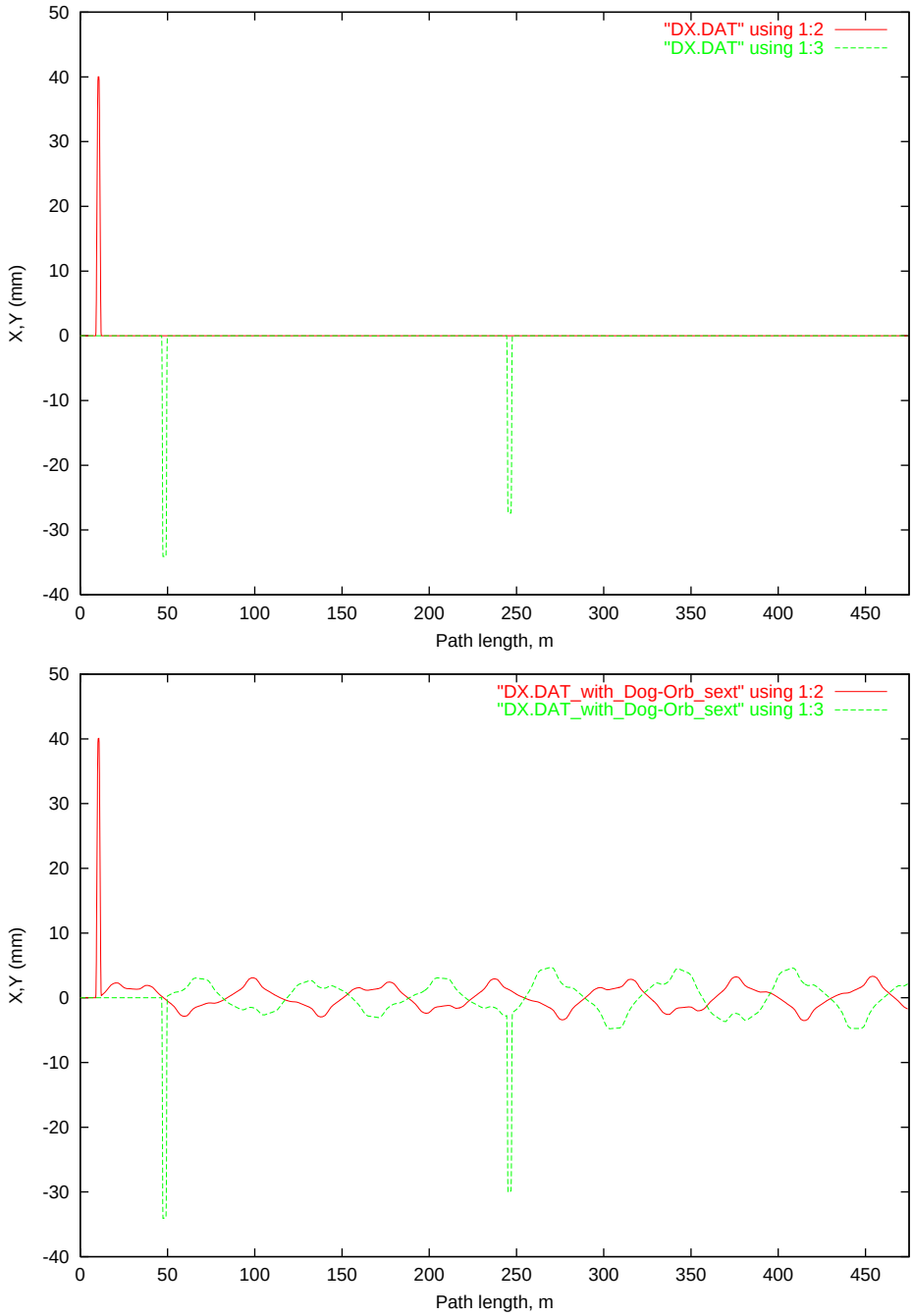

Figure 22: Beam trajectory in the Booster without and with sextupole harmonics in the DogLeg and OrBump magnets.

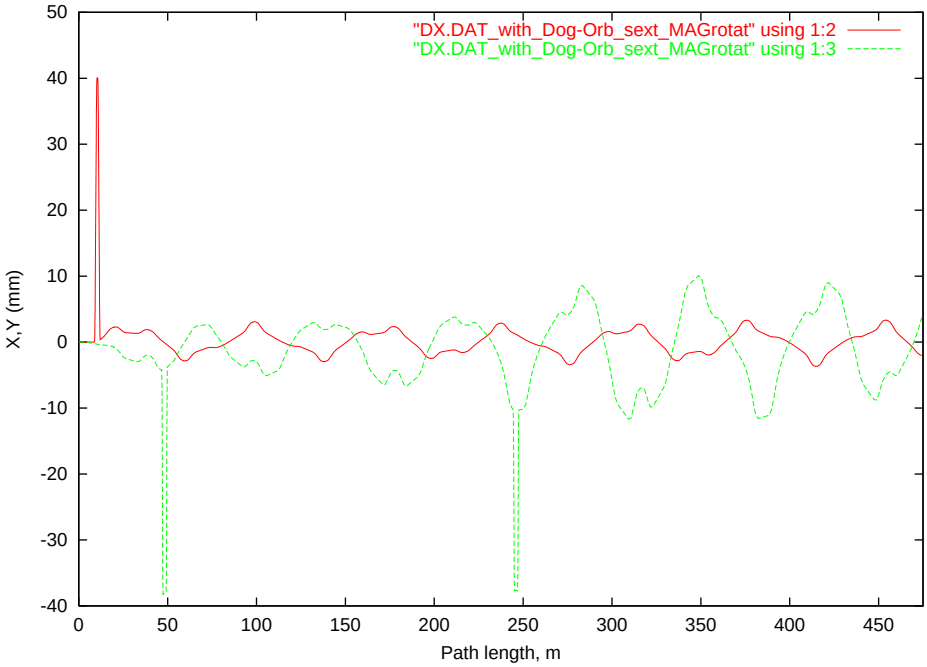

Figure 23: Beam trajectory in the Booster with sextupole harmonics in the Dog-Leg and OrBump magnets and magnets rotation.

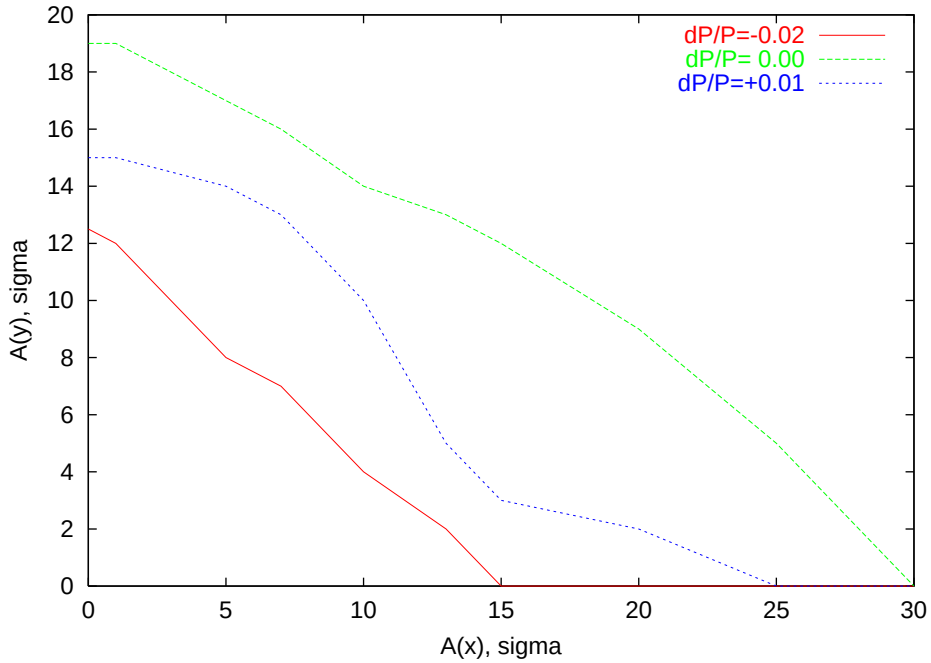

Figure 24: Booster dynamic aperture with DogLeg, OrBump magnets and magnets rotation. 95% emittance of the beam is 18 mm-mrad.