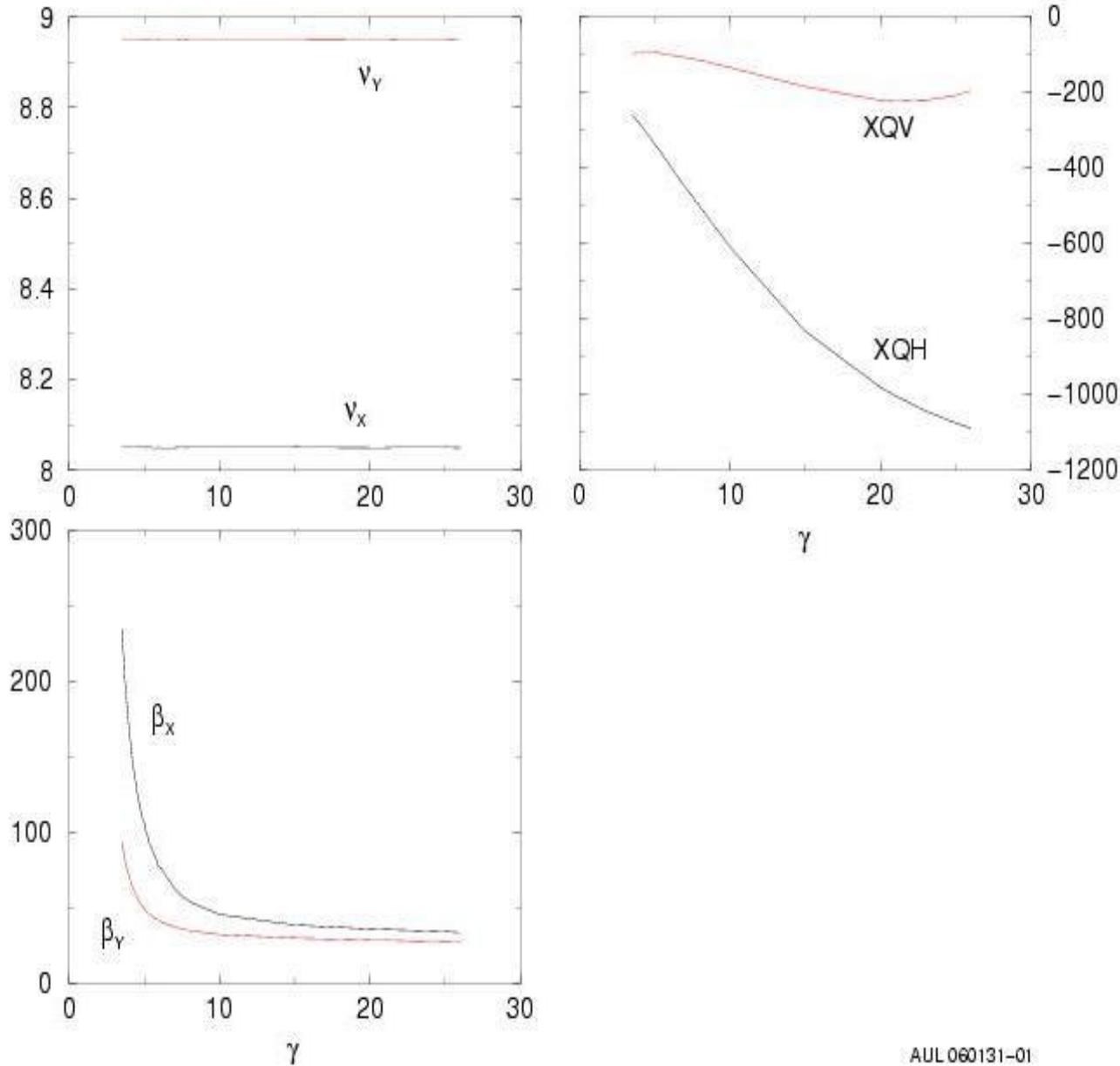
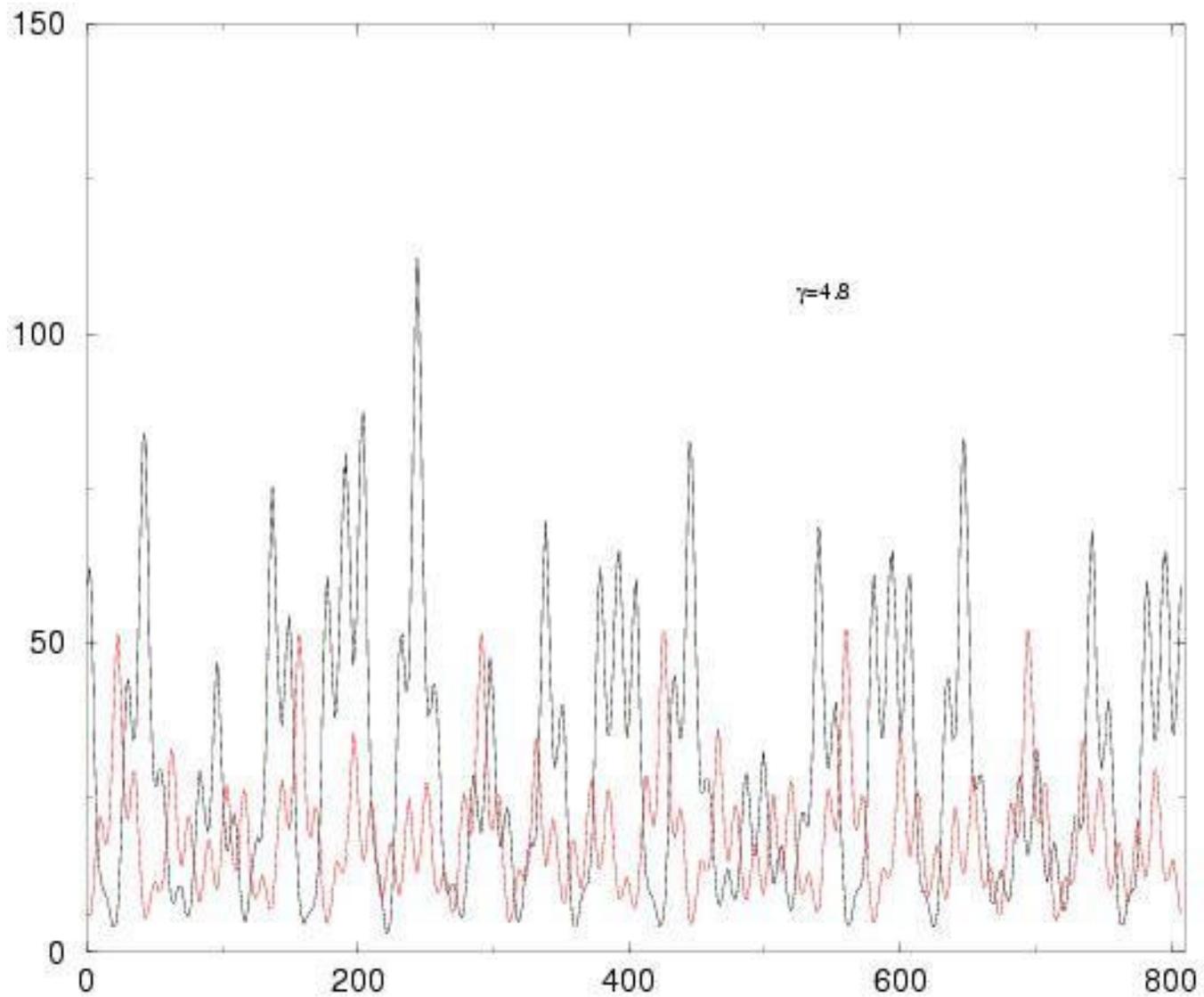


A.Luccio



AUL060131-01

AGS with CSNK (30%) and WSNK (15%). Mad runs vs.energy (gamma) for tunes close to the integer:  $Q_x=8.05$  and  $Q_y=8.95$ . This exercise is done to try to fight the horizontal resonance (suggestion by T.Roser). No sextupoles, no snake correction. The required tune quad currents are probably outside the allowed range. The beam size tends to blow out at low energies due to: (1) vicinity to the integer, (2) no correction of snake focusing



A.Luccio

AUL060201-01

AGS: beta functions at the low end of the energy range for  $Q_x=8.05$  and  $Q_y=8.95$ . No sextupoles, no snake correction. The 'badness' of the beta is distributed all over the place (black is x, red is y)