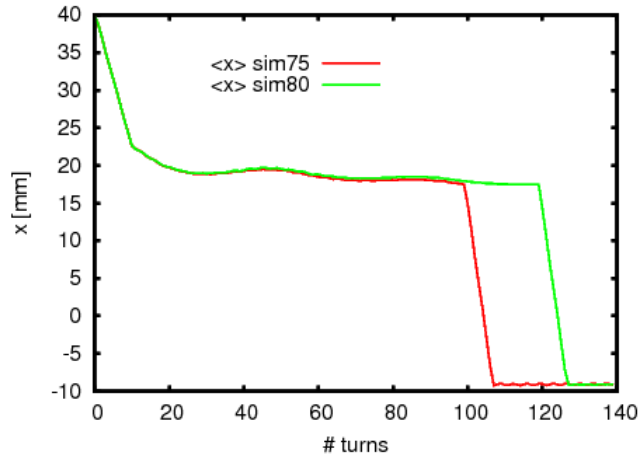


500k macroparticles

betx=5.51623, bety=3.69963, alfax=0.00006447, alfay=0.000096156, Dx=-1.39, Dpx=0.000202



MAXdecayKSW=35 mm/10 μ s

$l_1=0.57*35$ mm

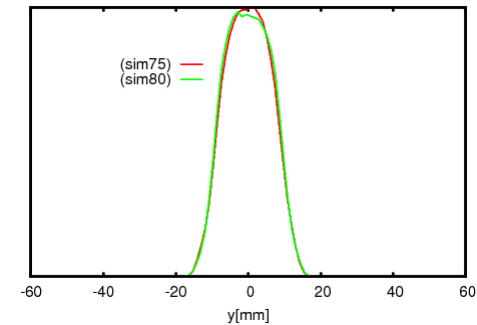
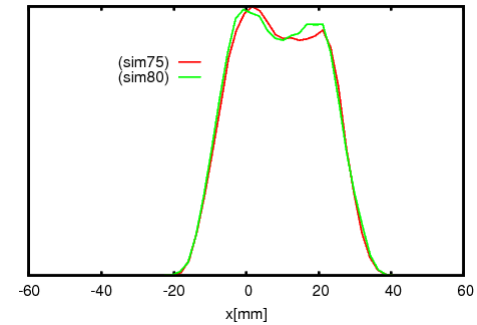
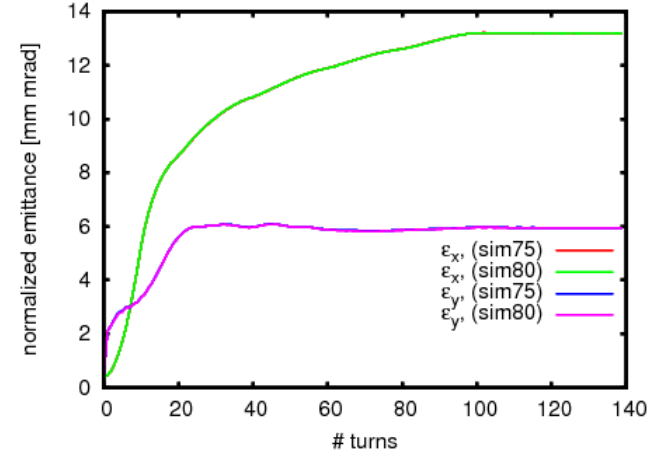
$t_1=15$ μ s

$l_2=0.50*35$ mm

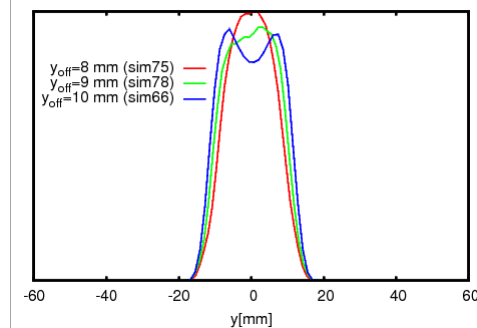
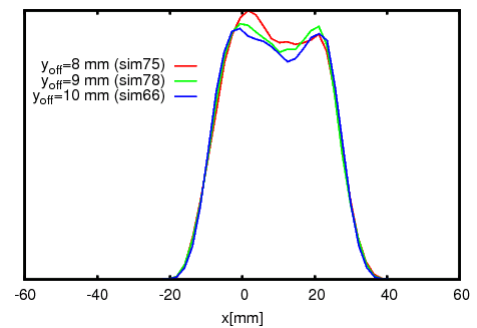
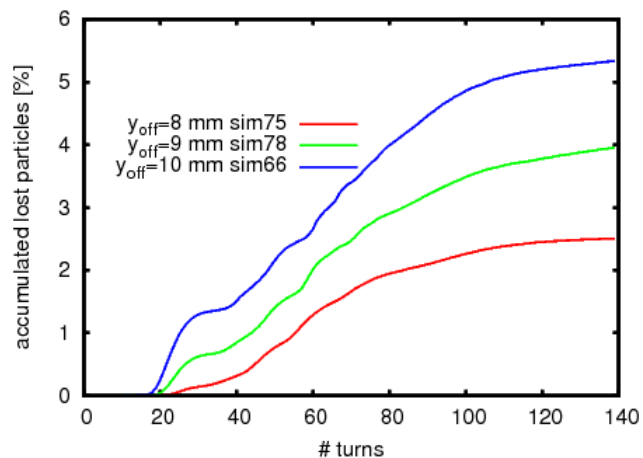
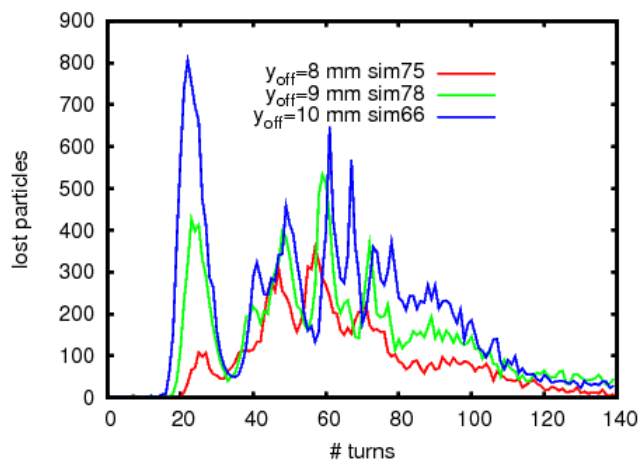
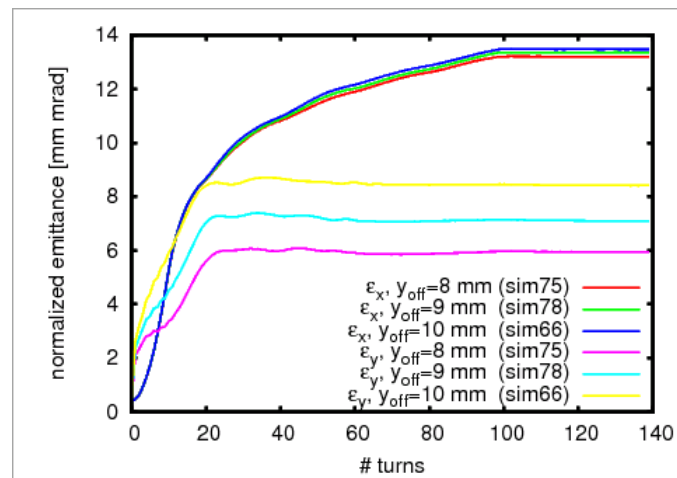
$t_2=[100,120]$ μ s

$l_f=45.9$ mm/5

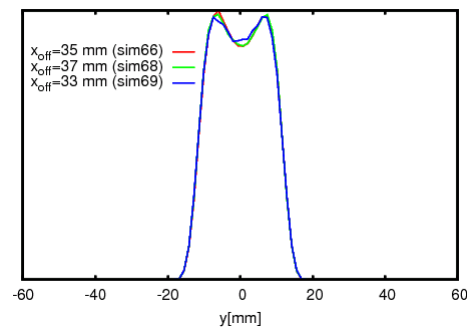
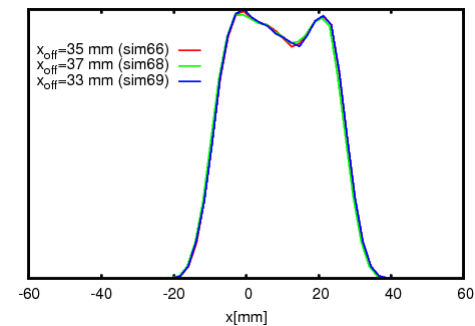
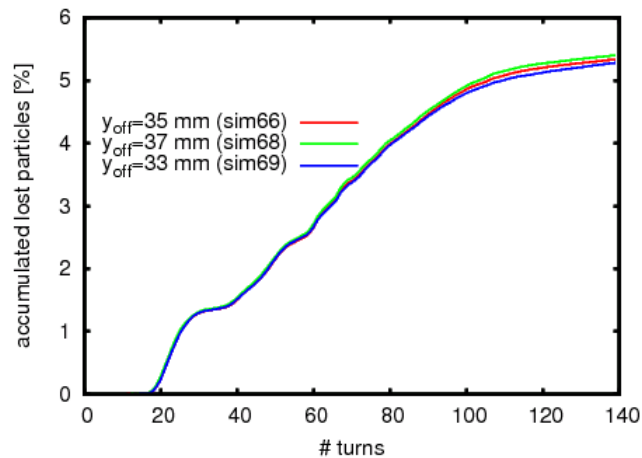
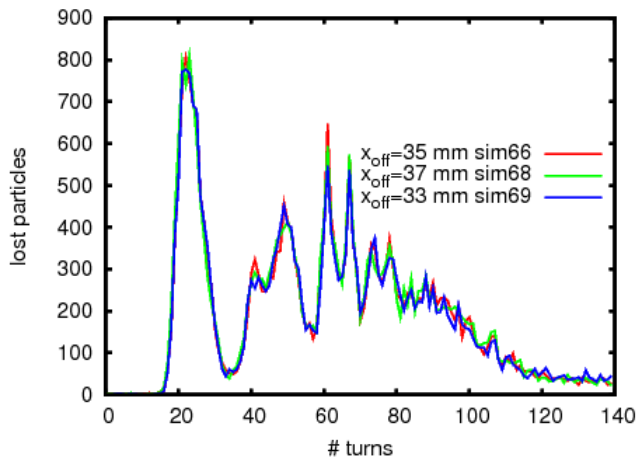
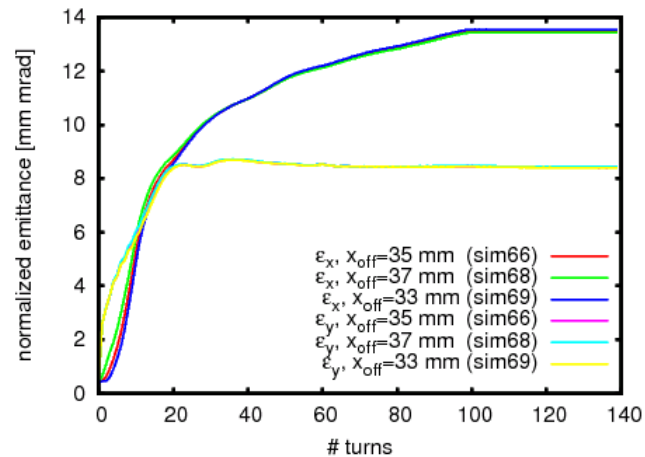
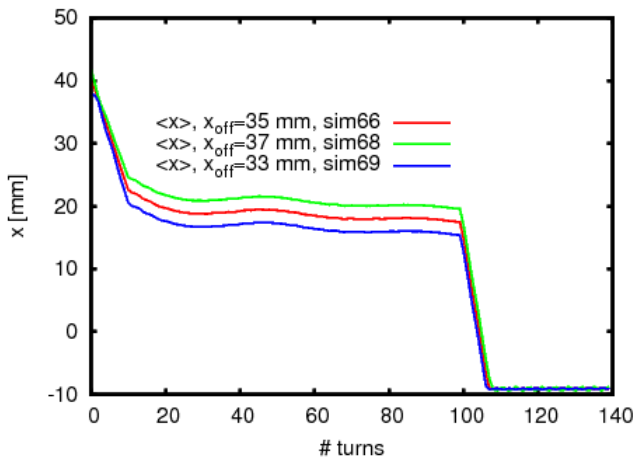
$t_3= t_2+(l_f-l_2)/(MAXdecayKSW);$



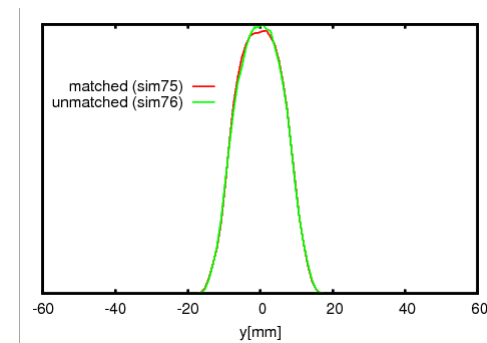
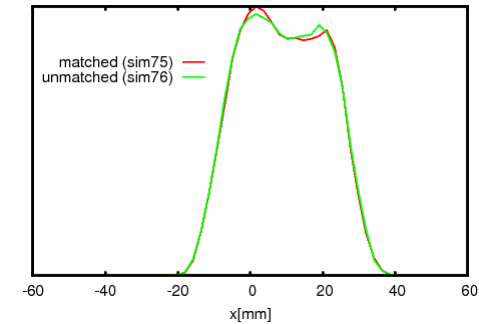
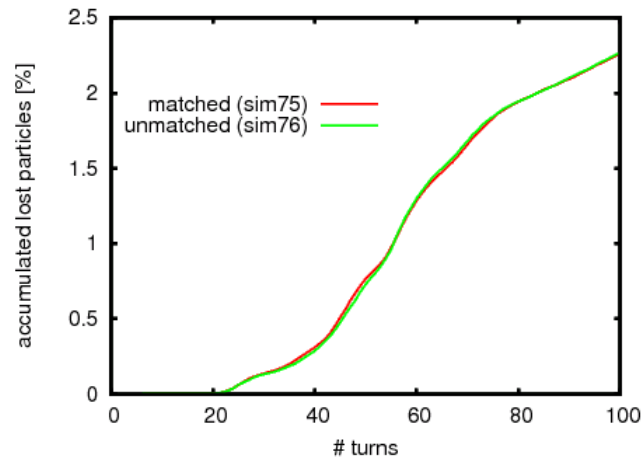
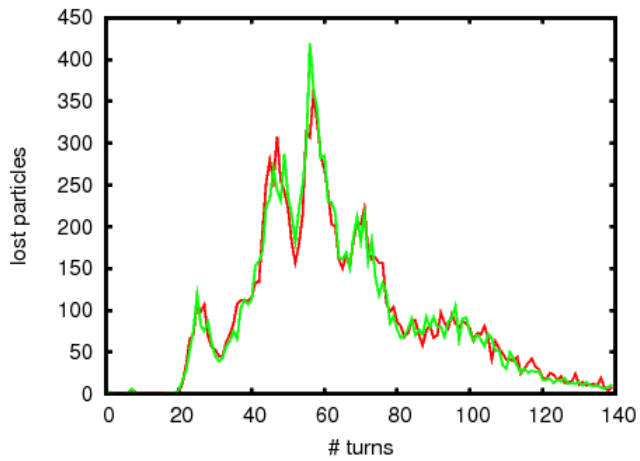
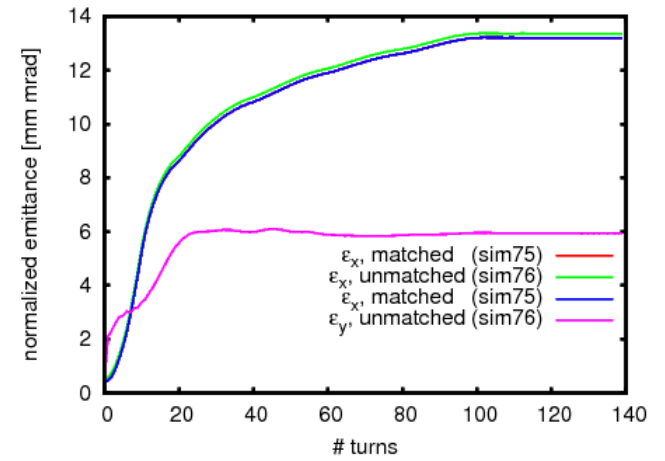
Study of vertical offset in injection



Study of horizontal offset in injection



Unmatched: betx: 5.51623 m ->2.5 m



Study on the addition of tolerances.

