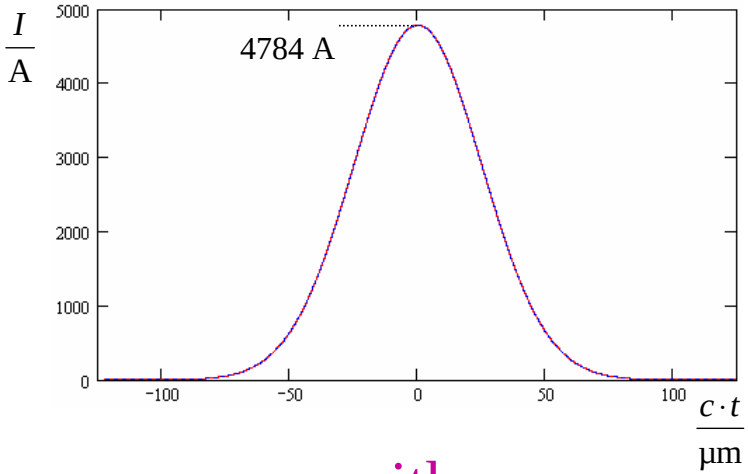
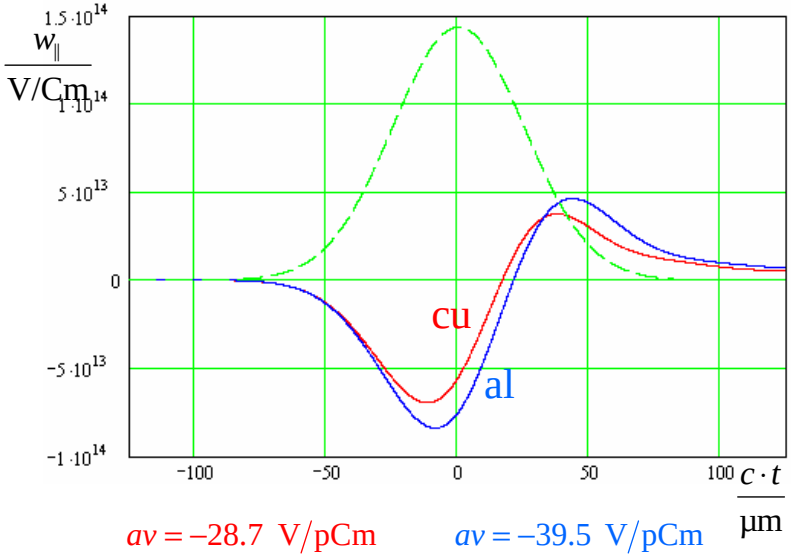
resistive wall wake of gaussian bunch
with / without frequency dependent conductivity



r_{pipe} = 5mm

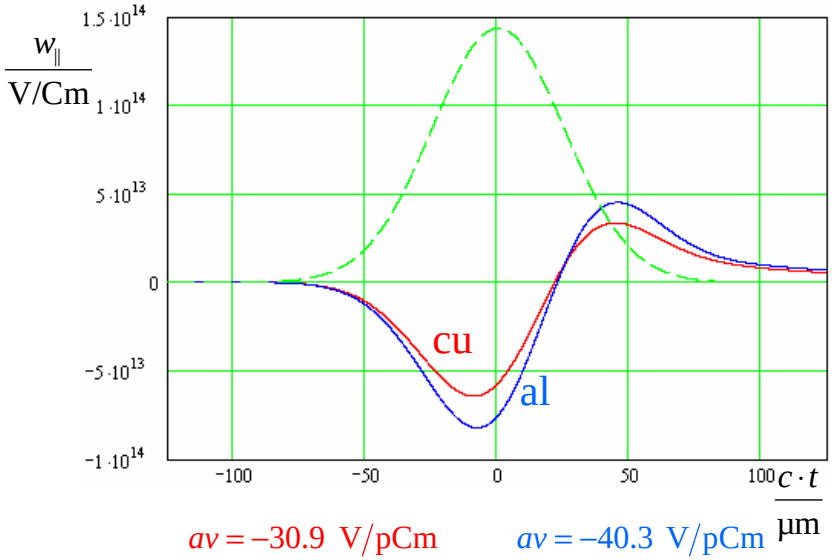
with



av = –28.7 V/pCm *av* = –39.5 V/pCm

rms = 36.1 V/pCm *rms* = 41.4 V/pCm

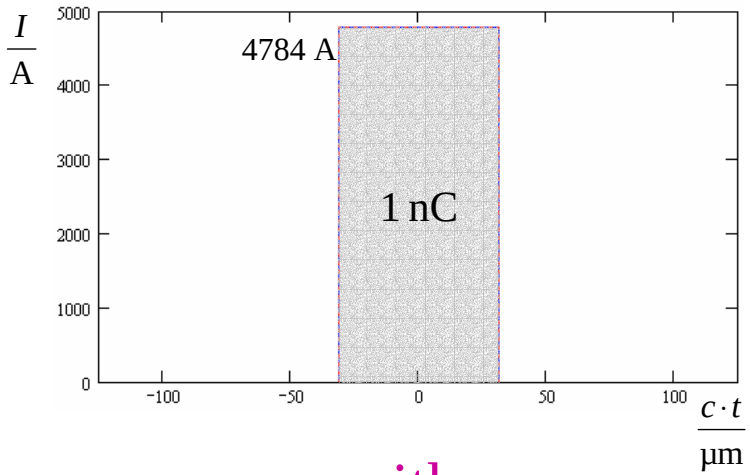
without



av = –30.9 V/pCm *av* = –40.3 V/pCm

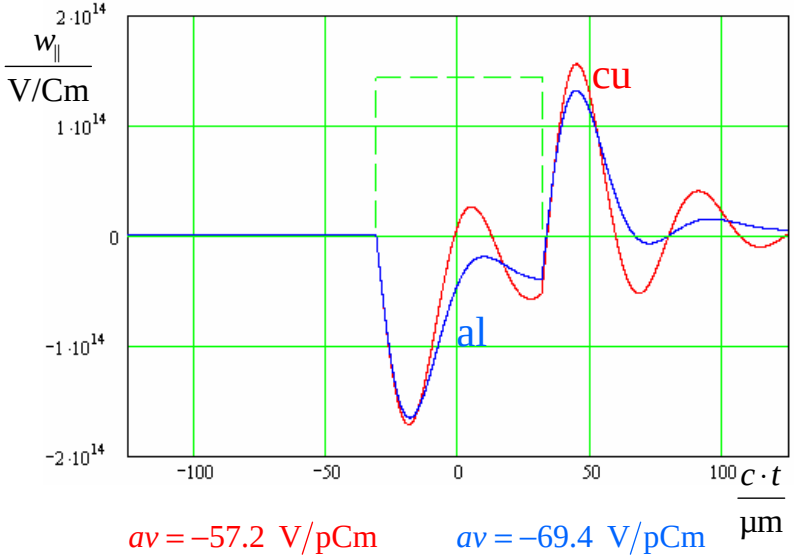
rms = 31.1 V/pCm *rms* = 39.6 V/pCm

resistive wall wake of rectangular bunch
with / without frequency dependent conductivity



r_{pipe} = 5mm

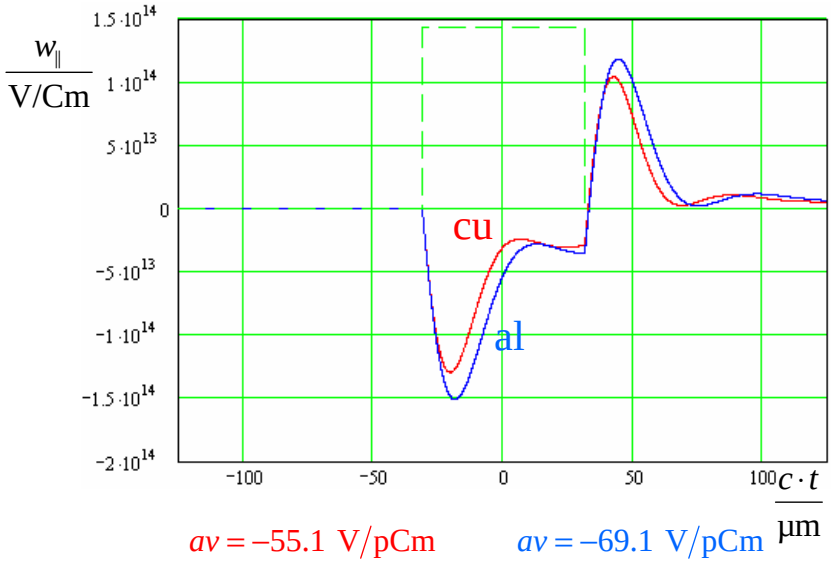
with



av = –57.2 V/pCm *av* = –69.4 V/pCm

rms = 61.9 V/pCm *rms* = 51.4 V/pCm

without



av = –55.1 V/pCm *av* = –69.1 V/pCm

rms = 37.0 V/pCm *rms* = 44.8 V/pCm