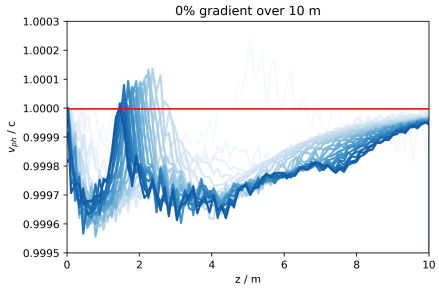
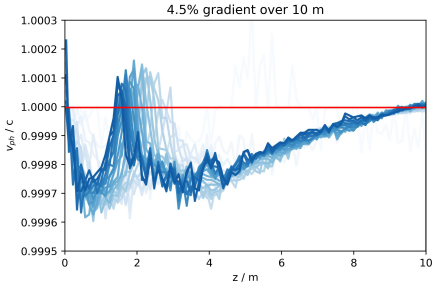
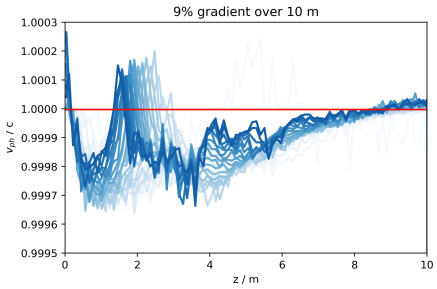
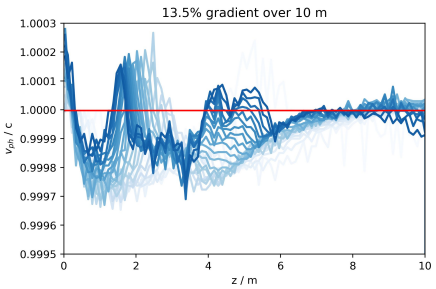
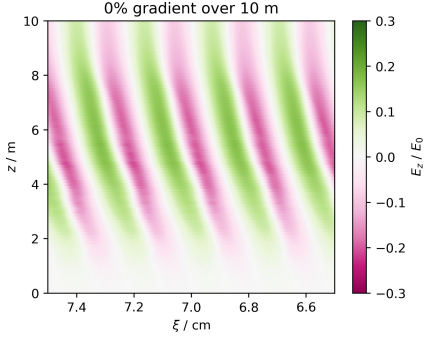
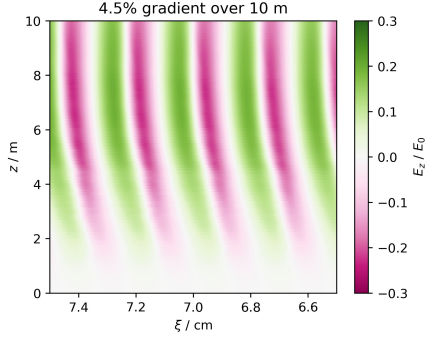


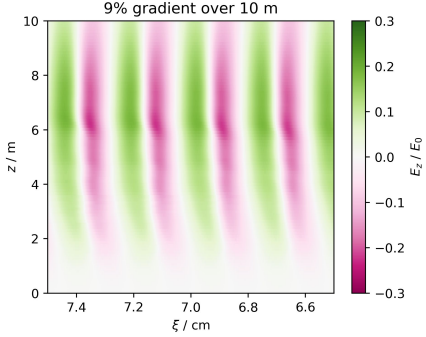


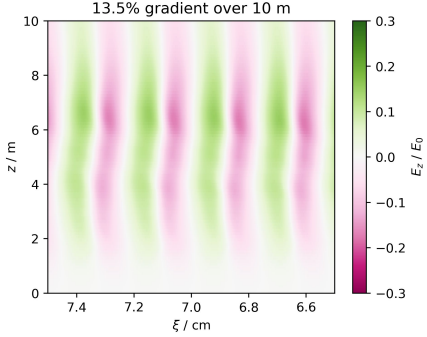




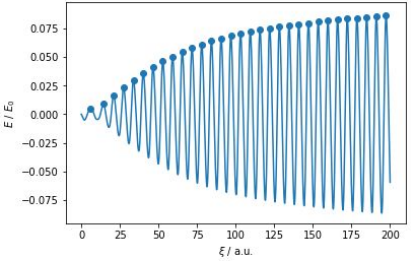


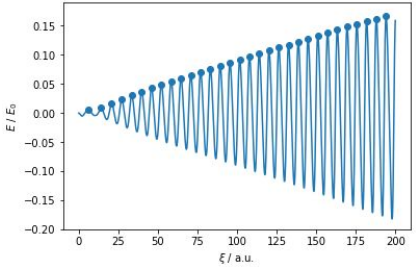


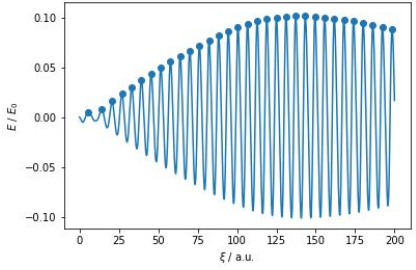


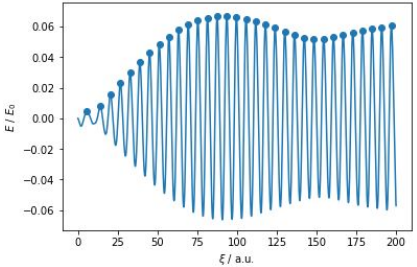


at 10 m

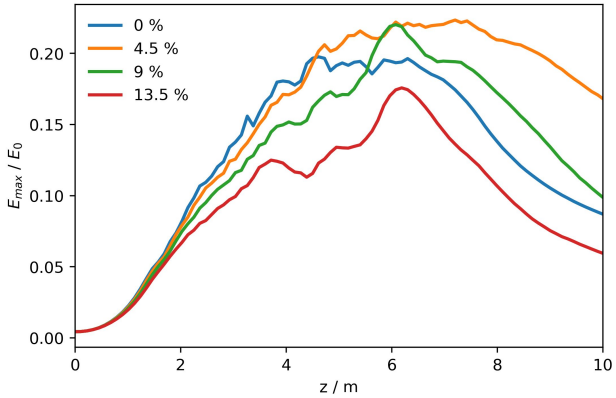


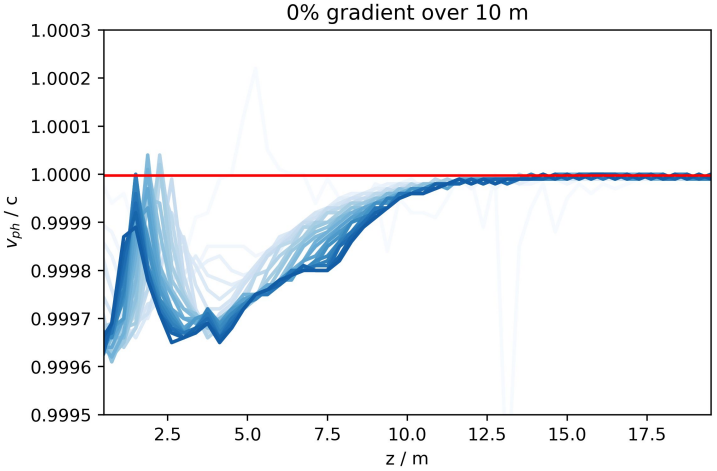


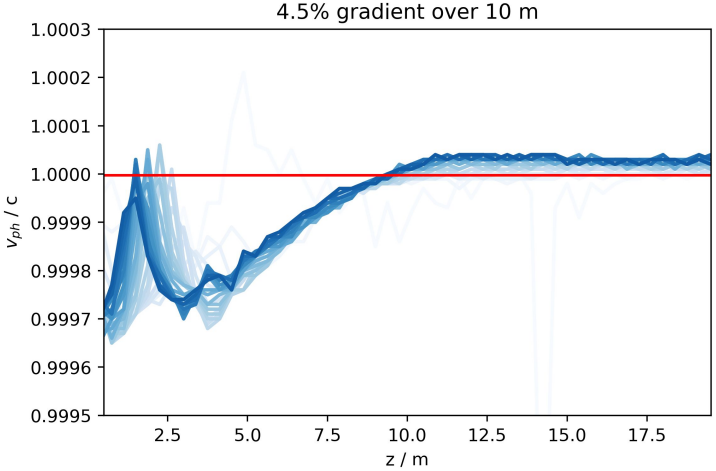




the AWAKE Collaboration


0 %
4.5 %
9 %
13.5 %
E_{max} / E_0
z / m

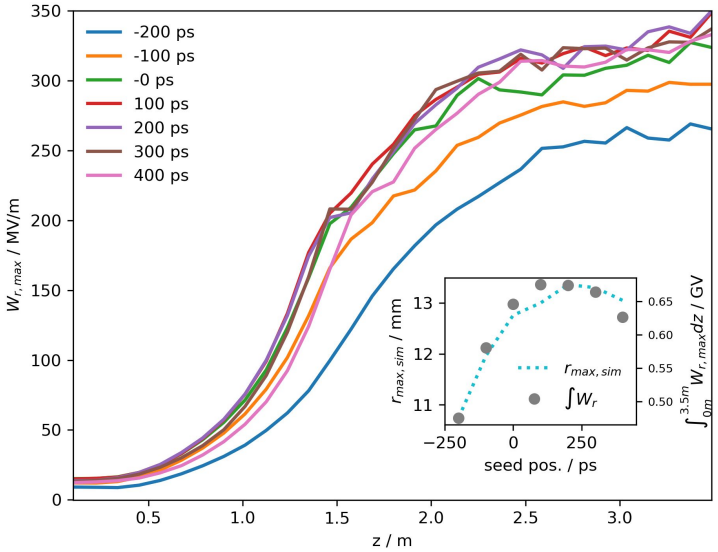

0% gradient over 10 m
v_{ph} / c
z / m


4.5% gradient over 10 m
v_{ph} / c
z / m

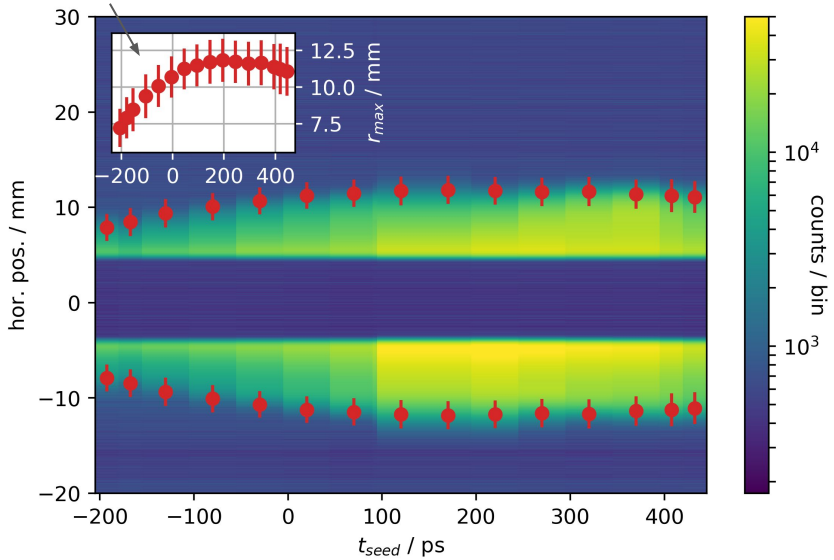
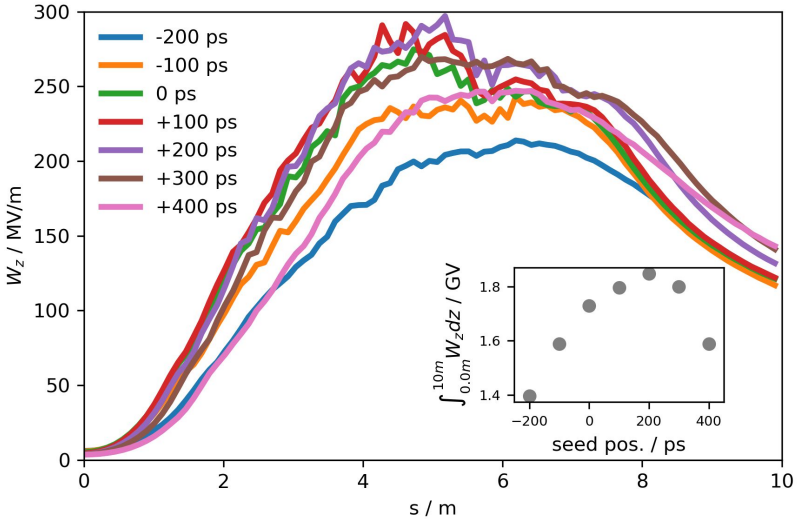
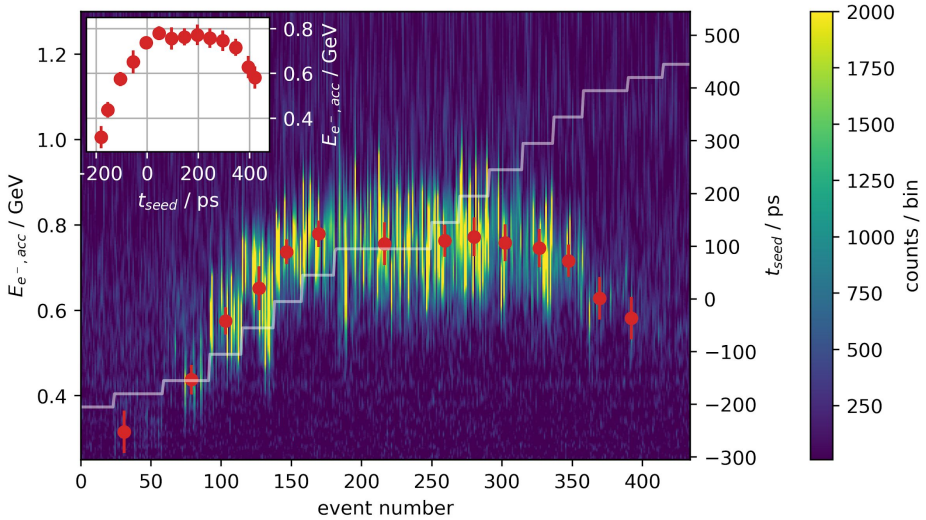
Transverse wakefields during seed position scan

Will NOT reduce size of errorbars

Simulation



Measurement



Longitudinal wakefields during seed position scan