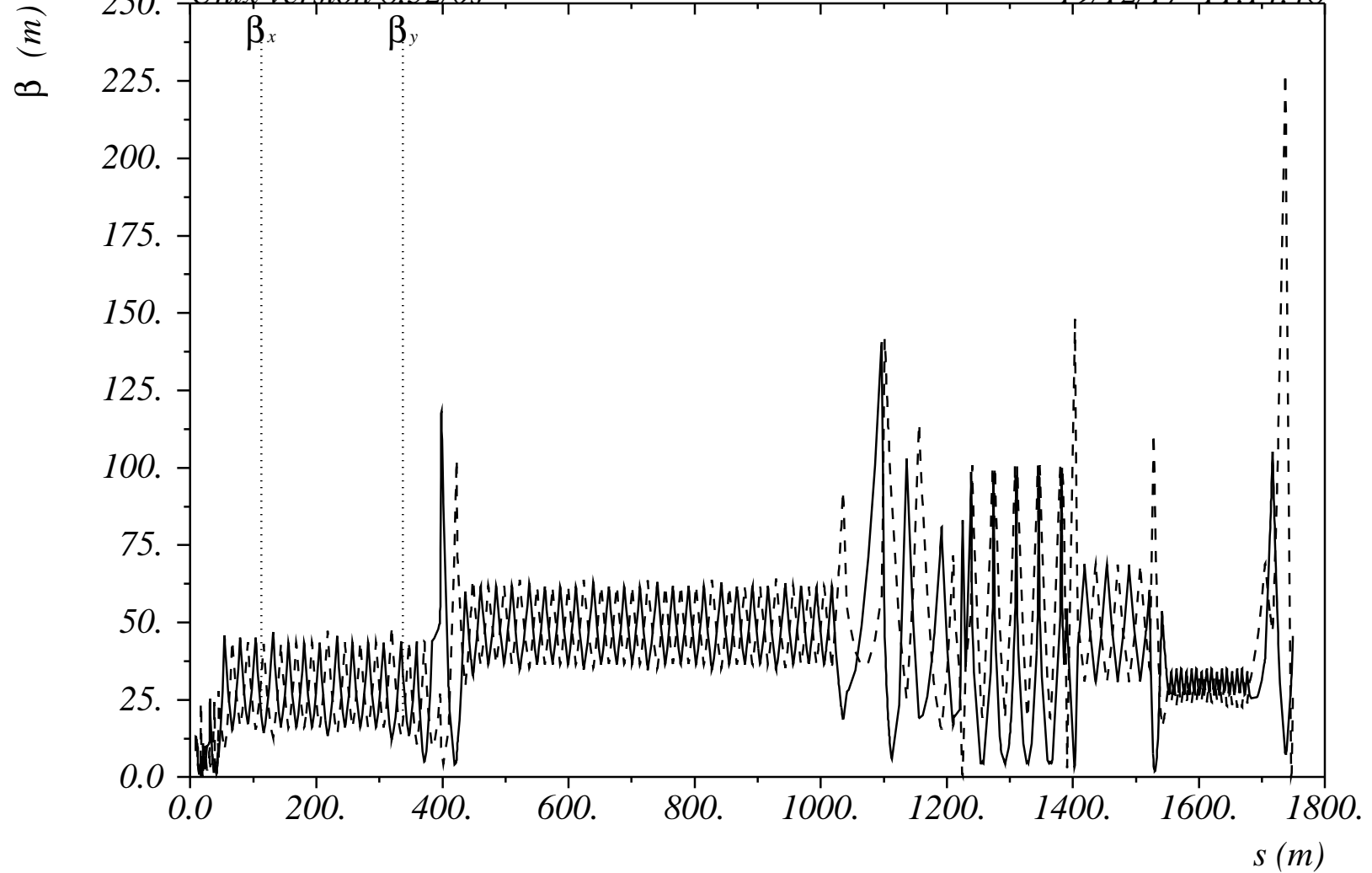




*Cathode to Main Dump
LCLS (December 22, 2017)*

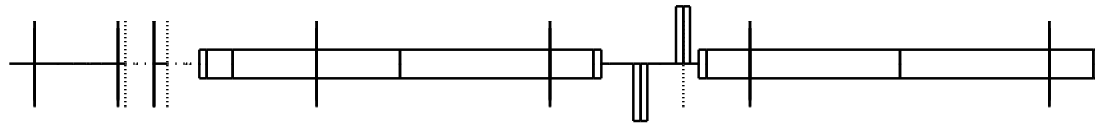
Unix version 8.52/0s

19/12/17 11.14.48



$$\delta_E / p_{oc} = 0.$$

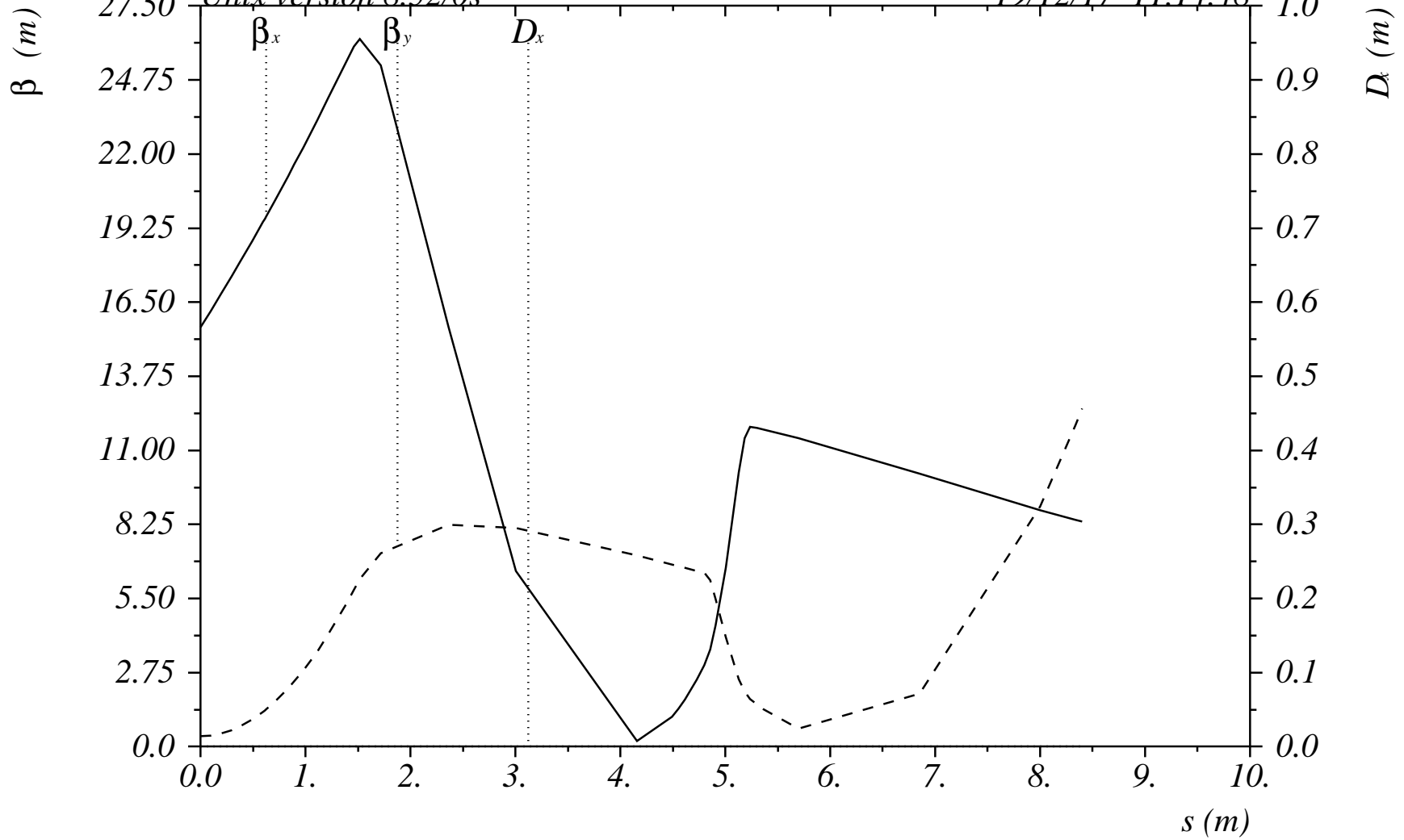
Table name = TWISS



*L0-to-DL1 dog-leg
LCLS (December 22, 2017)*

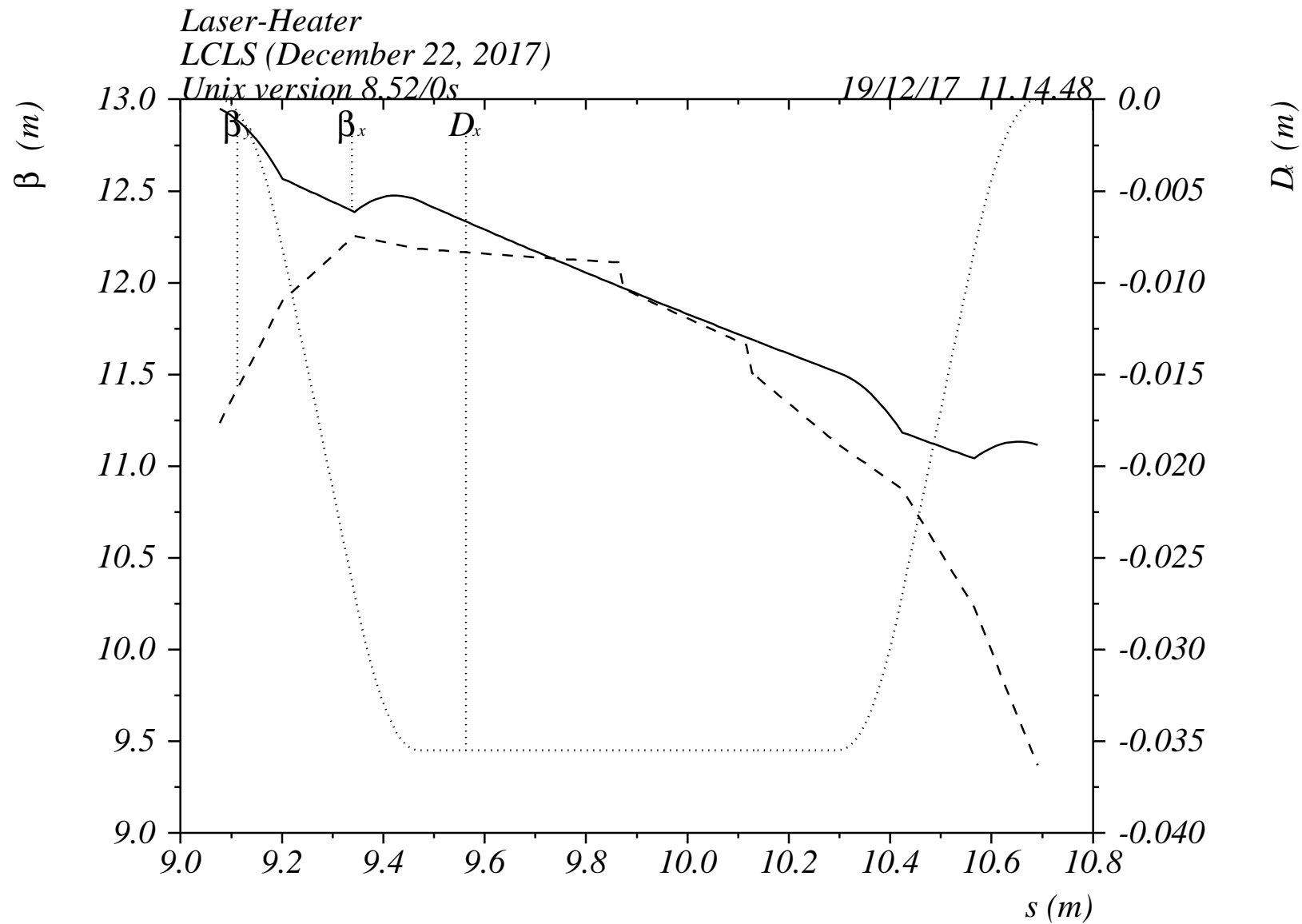
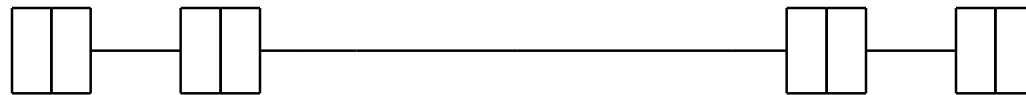
Unix version 8.52/0s

19/12/17 11.14.48



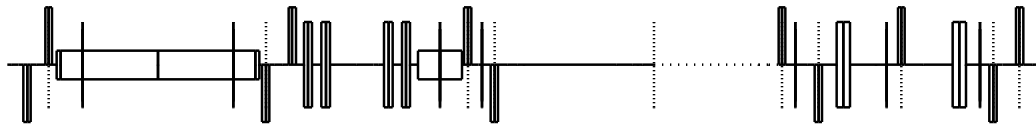
$\delta_E / p_{oc} = 0.$

Table name = TWISS



$\delta_E / p_{oc} = 0.$

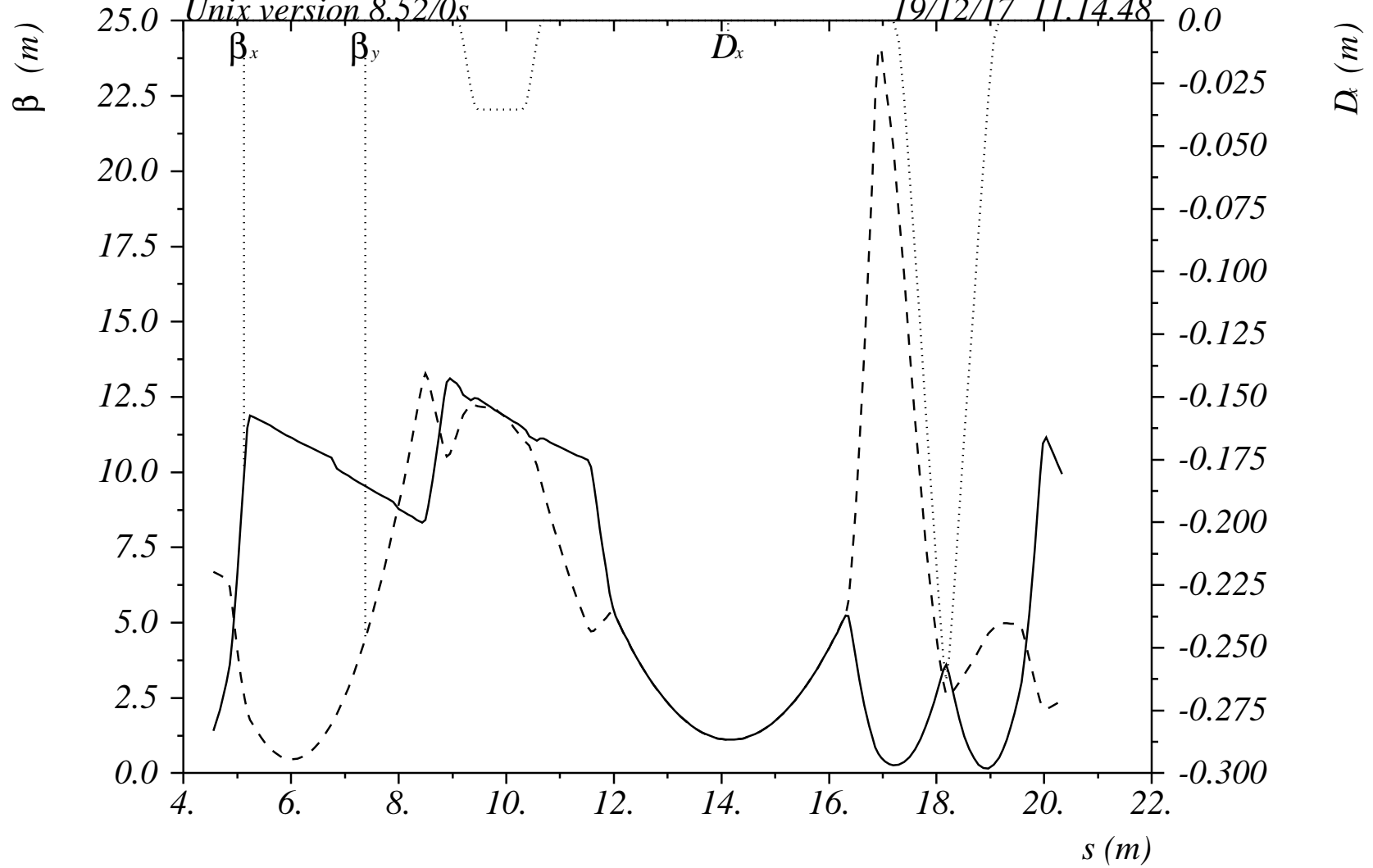
Table name = TWISS



*L0-to-DL1 dog-leg
LCLS (December 22, 2017)*

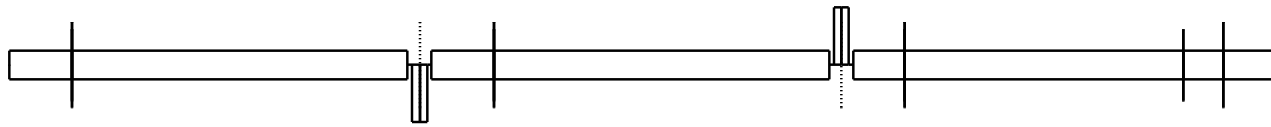
Unix version 8.52/0s

19/12/17 11.14.48



$\delta_E / p_{oc} = 0.$

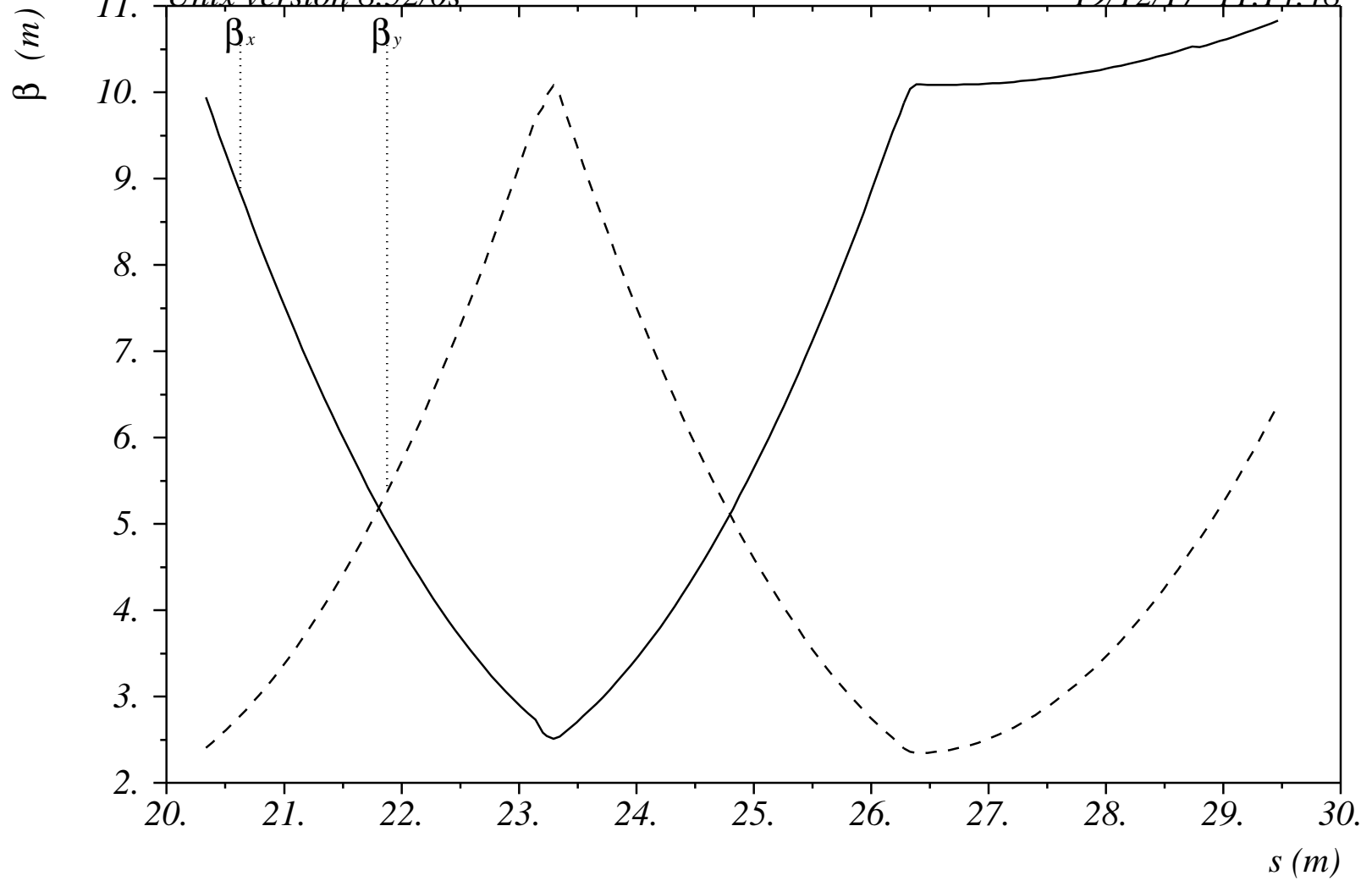
Table name = TWISS



L1-linac
LCLS (December 22, 2017)

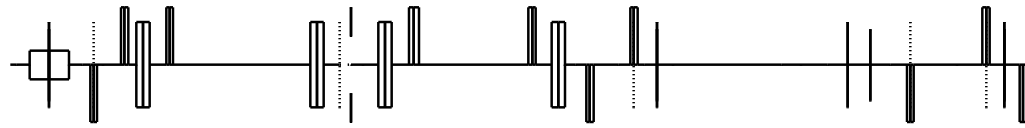
Unix version 8.52/0s

19/12/17 11.14.48



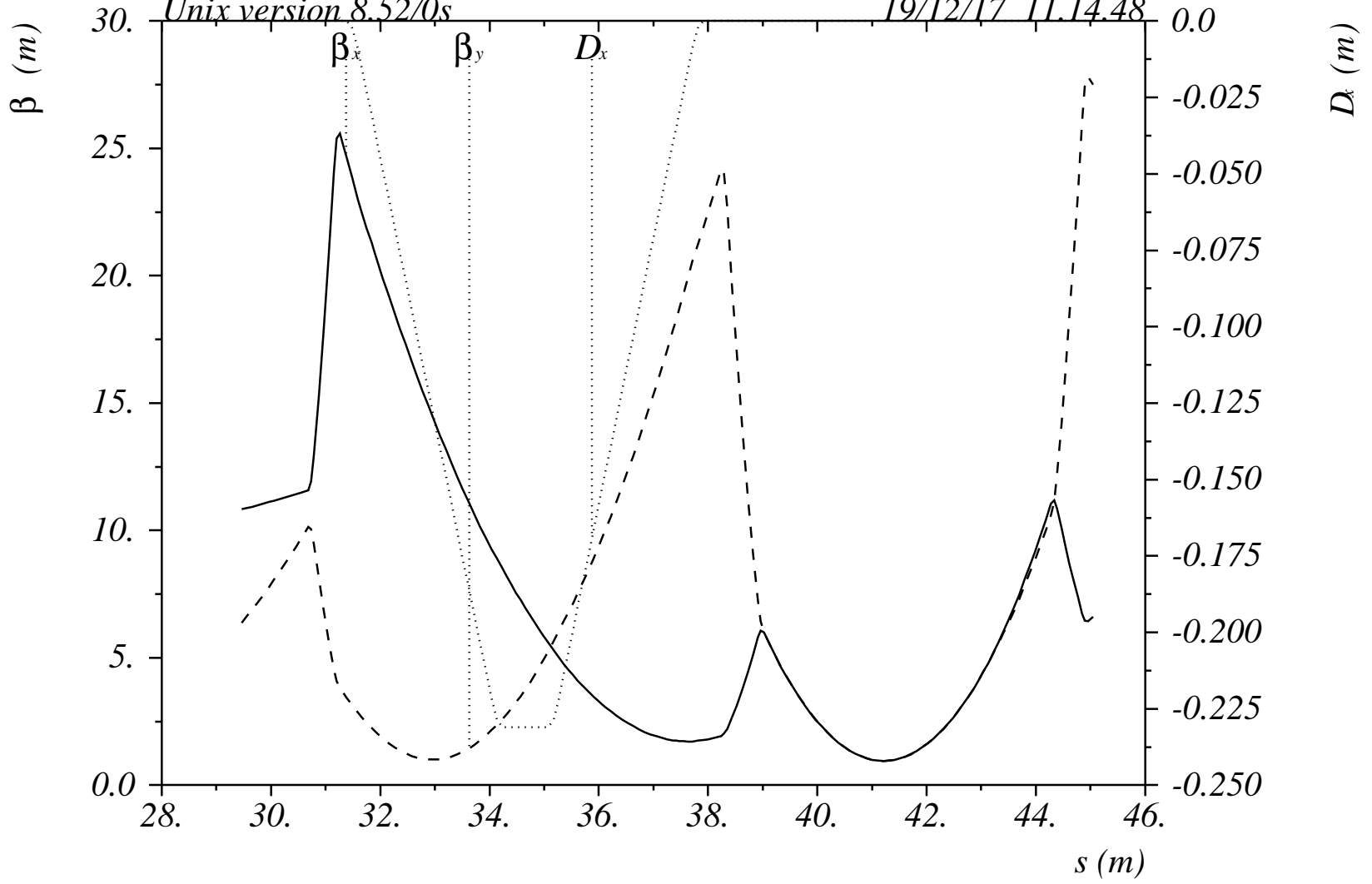
$$\delta_E / p_0 c = 0.$$

Table name = TWISS



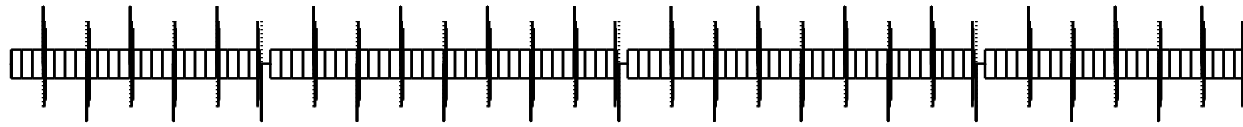
BC1-chicane
 LCLS (December 22, 2017)
 Unix version 8.52/0s

19/12/17 11.14.48



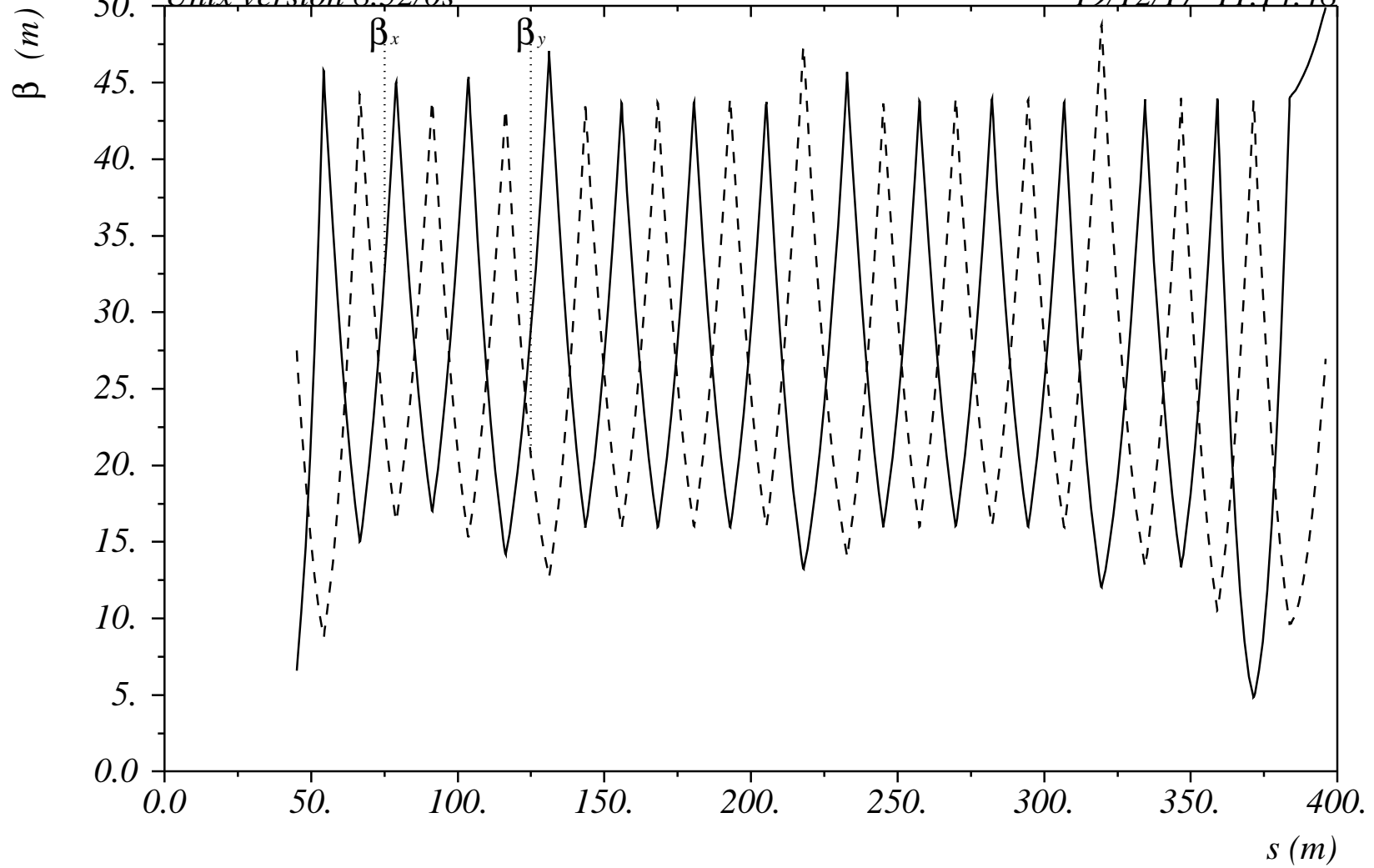
$\delta_E / p_{oc} = 0.$

Table name = TWISS



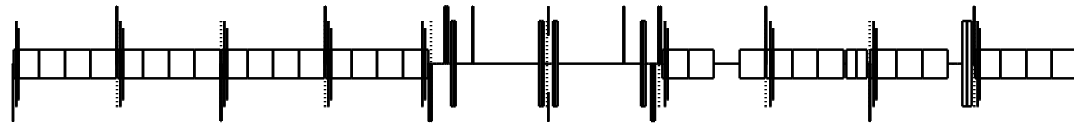
L2-linac
LCLS (December 22, 2017)
Unix version 8.52/0s

19/12/17 11.14.48



$$\delta_E / p_{oc} = 0.$$

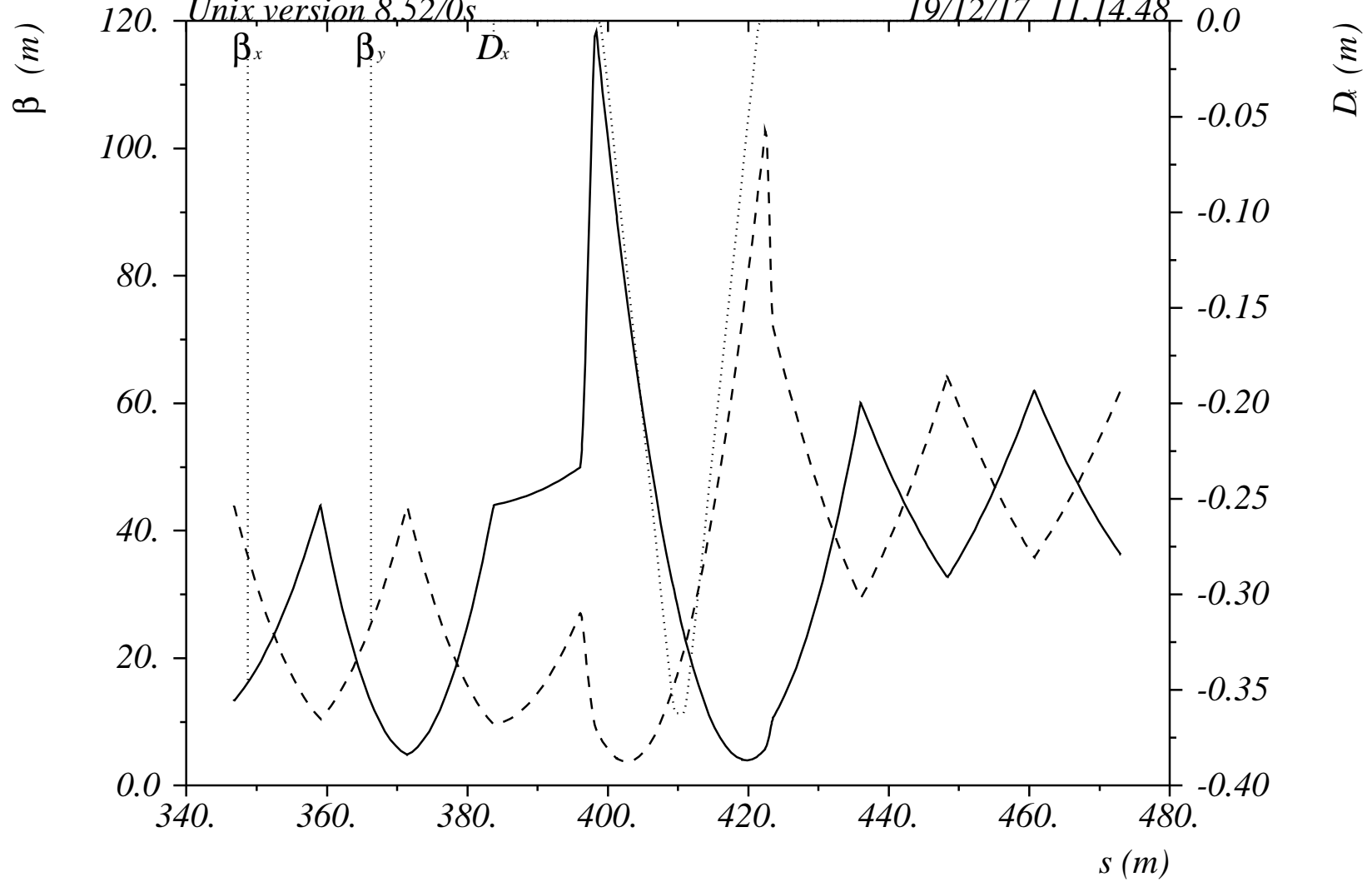
Table name = TWISS



BC2-chicane
LCLS (December 22, 2017)

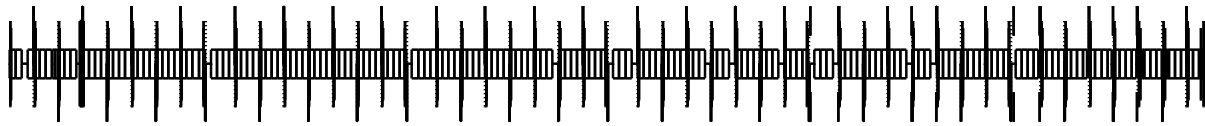
Unix version 8.52/0s

19/12/17 11.14.48



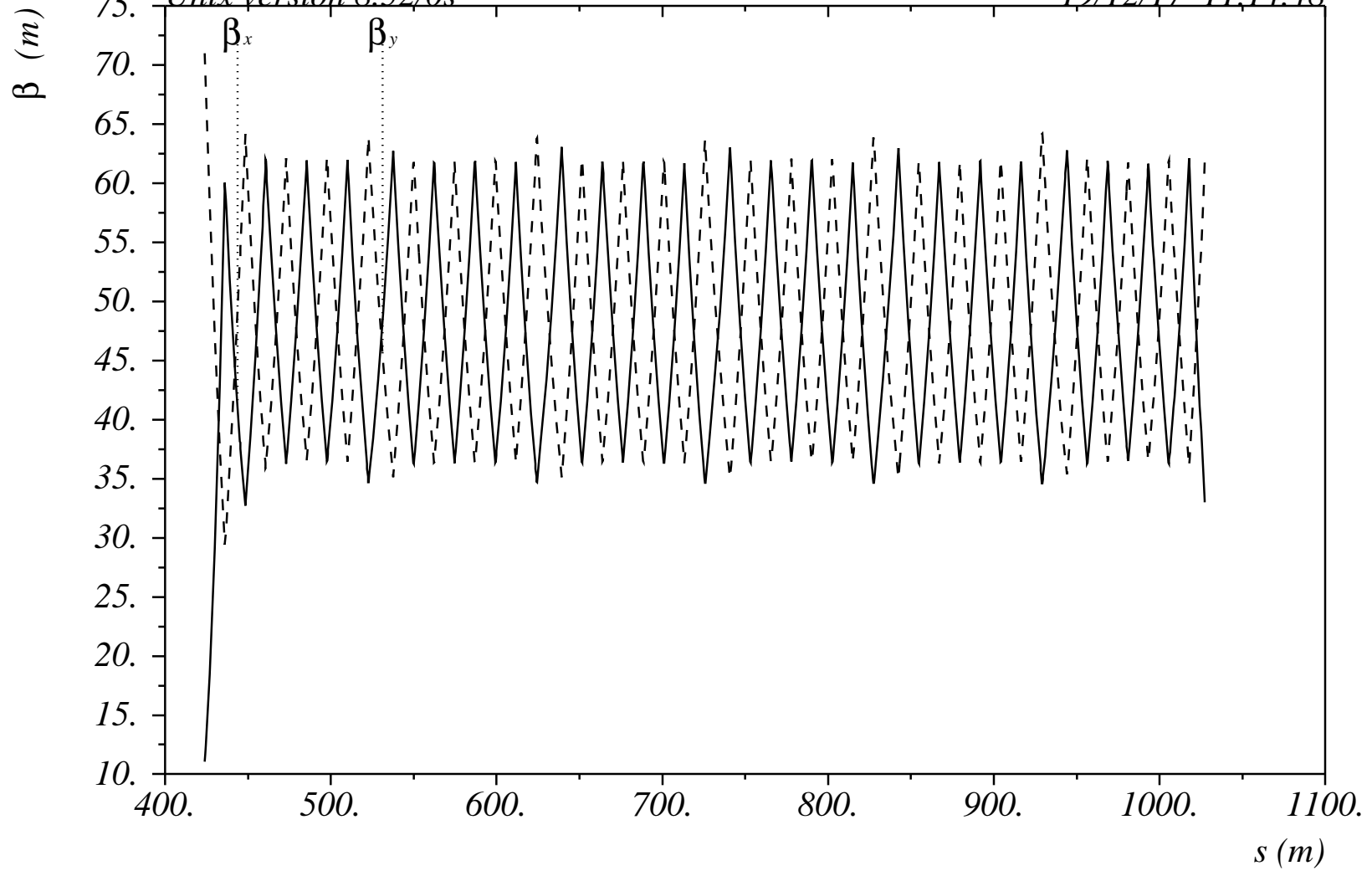
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



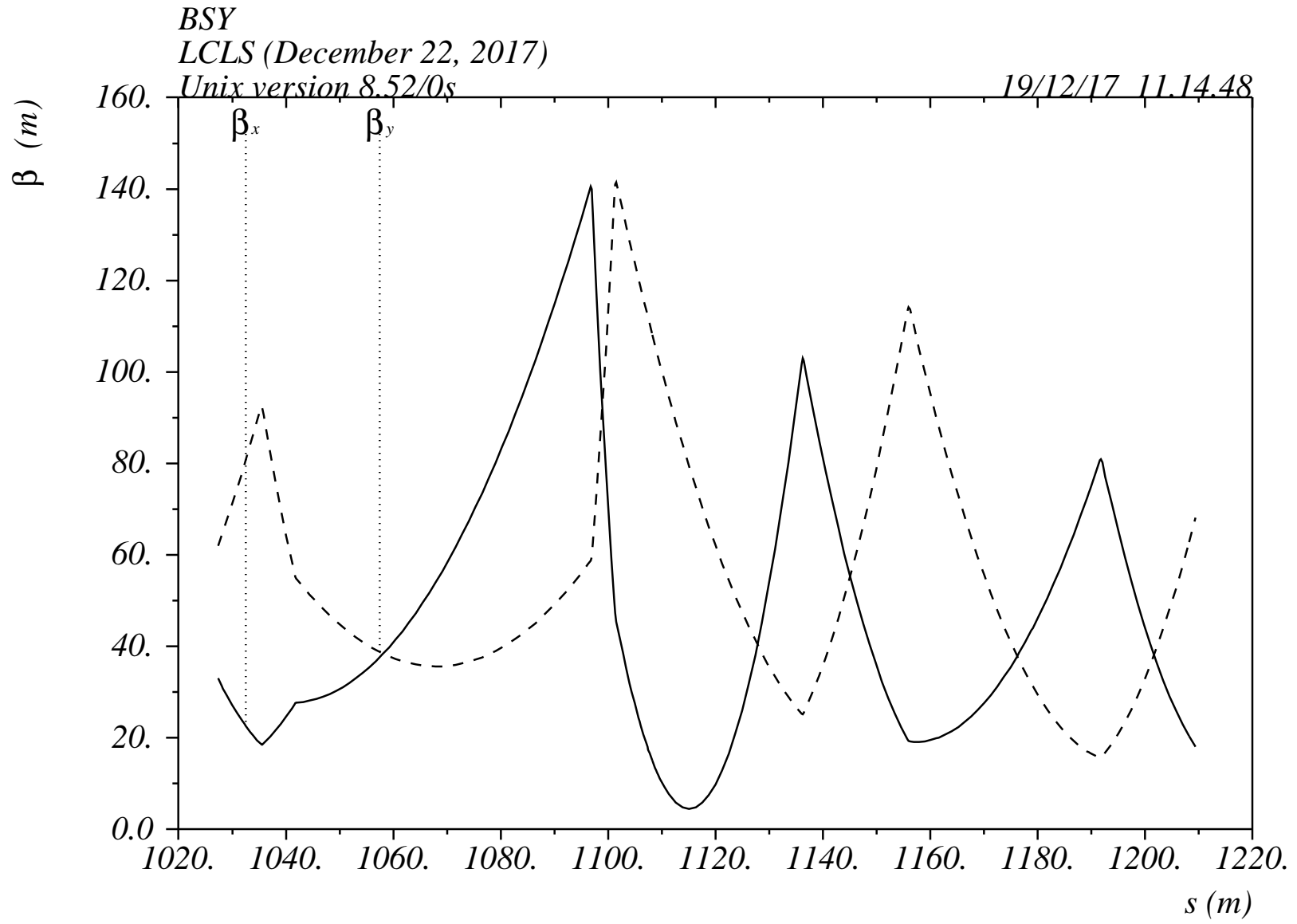
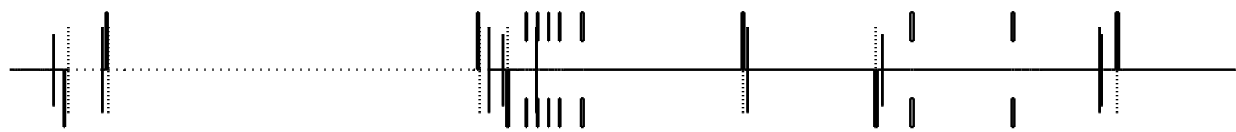
L3-linac
LCLS (December 22, 2017)
Unix version 8.52/0s

19/12/17 11.14.48



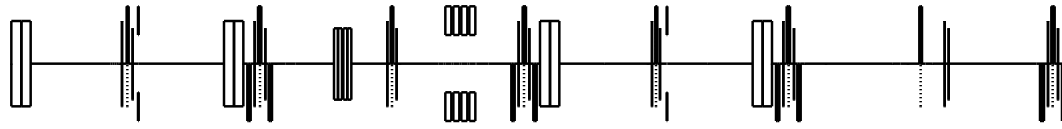
$\delta_E / p_{oc} = 0.$

Table name = TWISS



$\delta_E / p_{oc} = 0.$

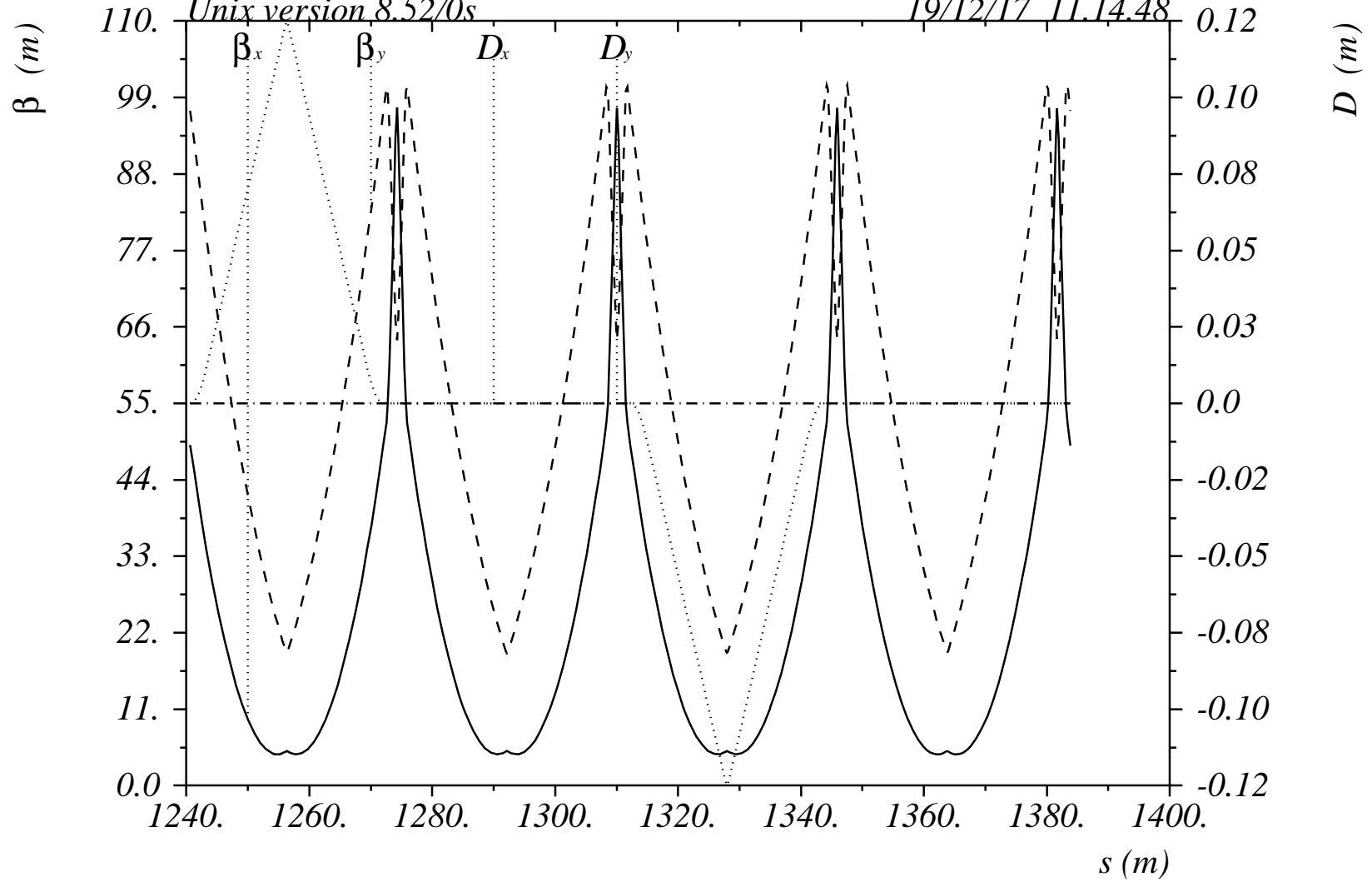
Table name = TWISS



DL2-dogleg
LCLS (December 22, 2017)

Unix version 8.52/0s

19/12/17 11.14.48



$$\delta_E / p_{oc} = 0.$$

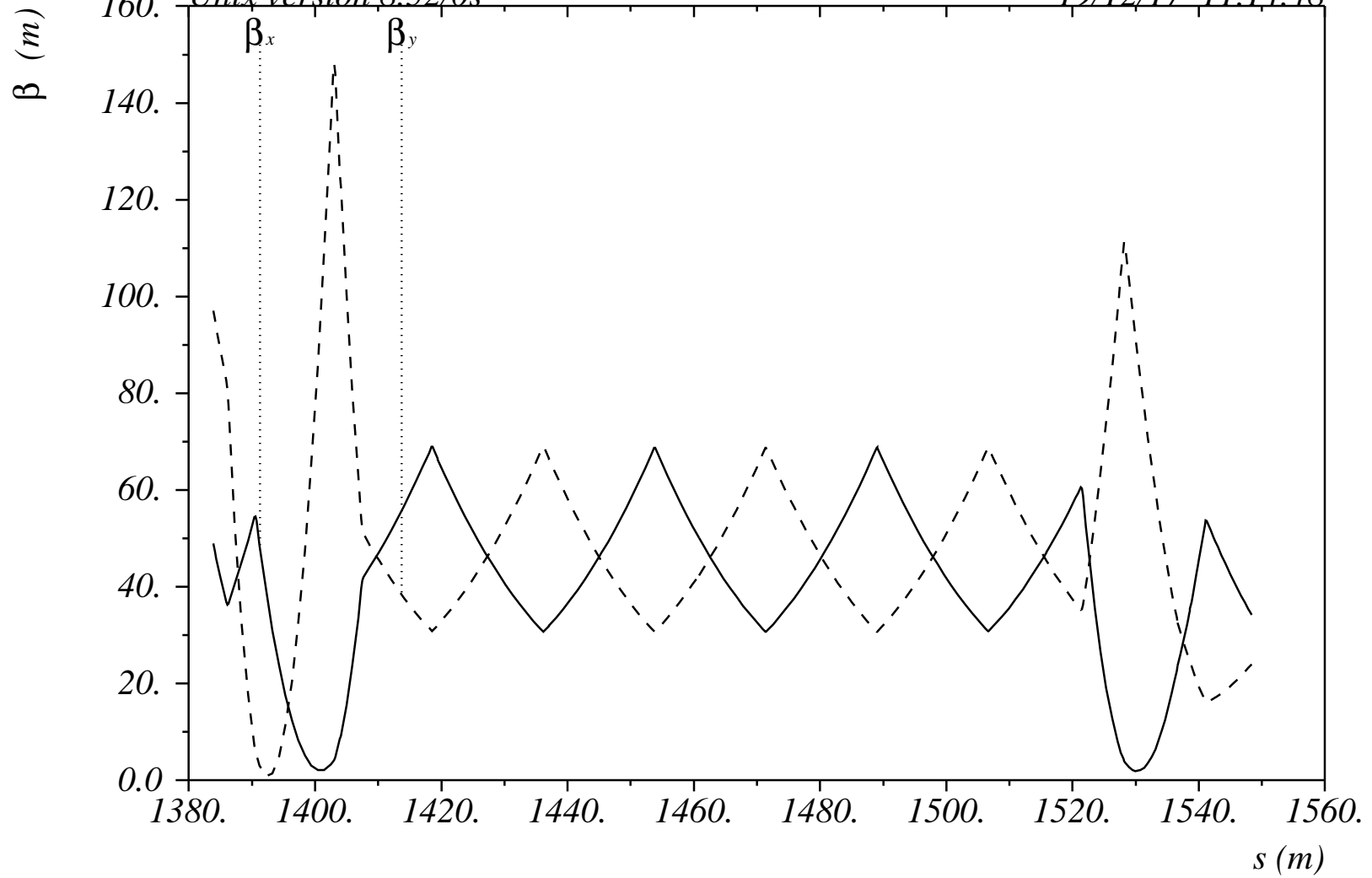
Table name = TWISS



*Undulator emittance diagnostics
LCLS (December 22, 2017)*

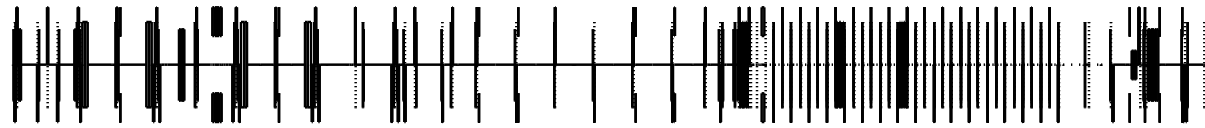
Unix version 8.52/0s

19/12/17 11.14.48



$$\delta_E / p_{oc} = 0.$$

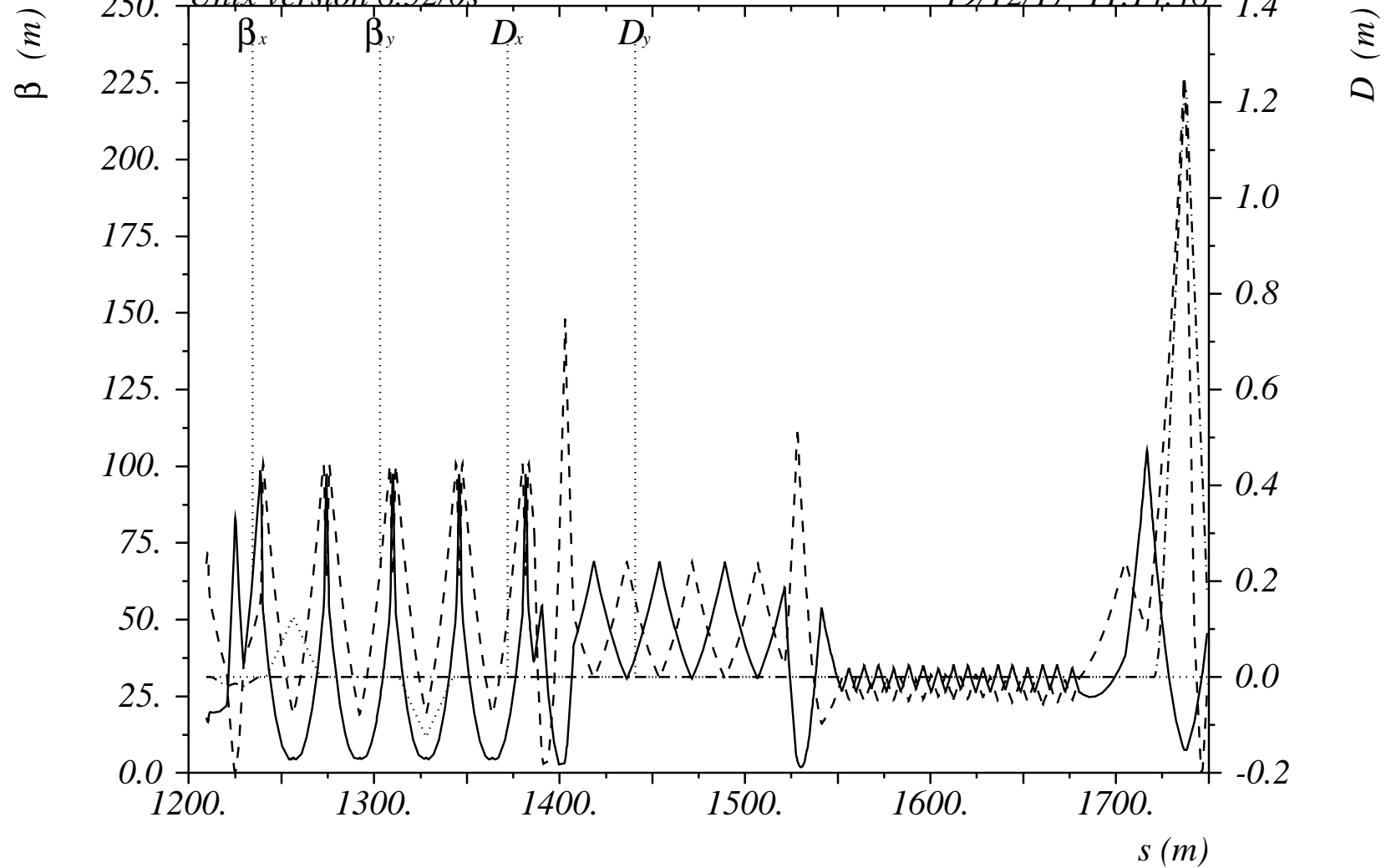
Table name = TWISS



muon-plug-to-DUMP
LCLS (December 22, 2017)

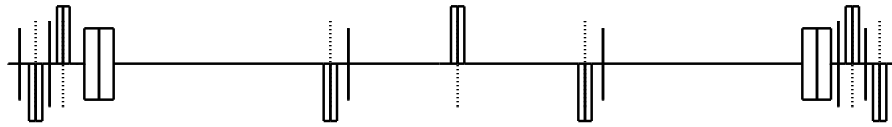
Unix version 8.52/0s

19/12/17 11.14.48



$$\delta_E / p_0 c = 0.$$

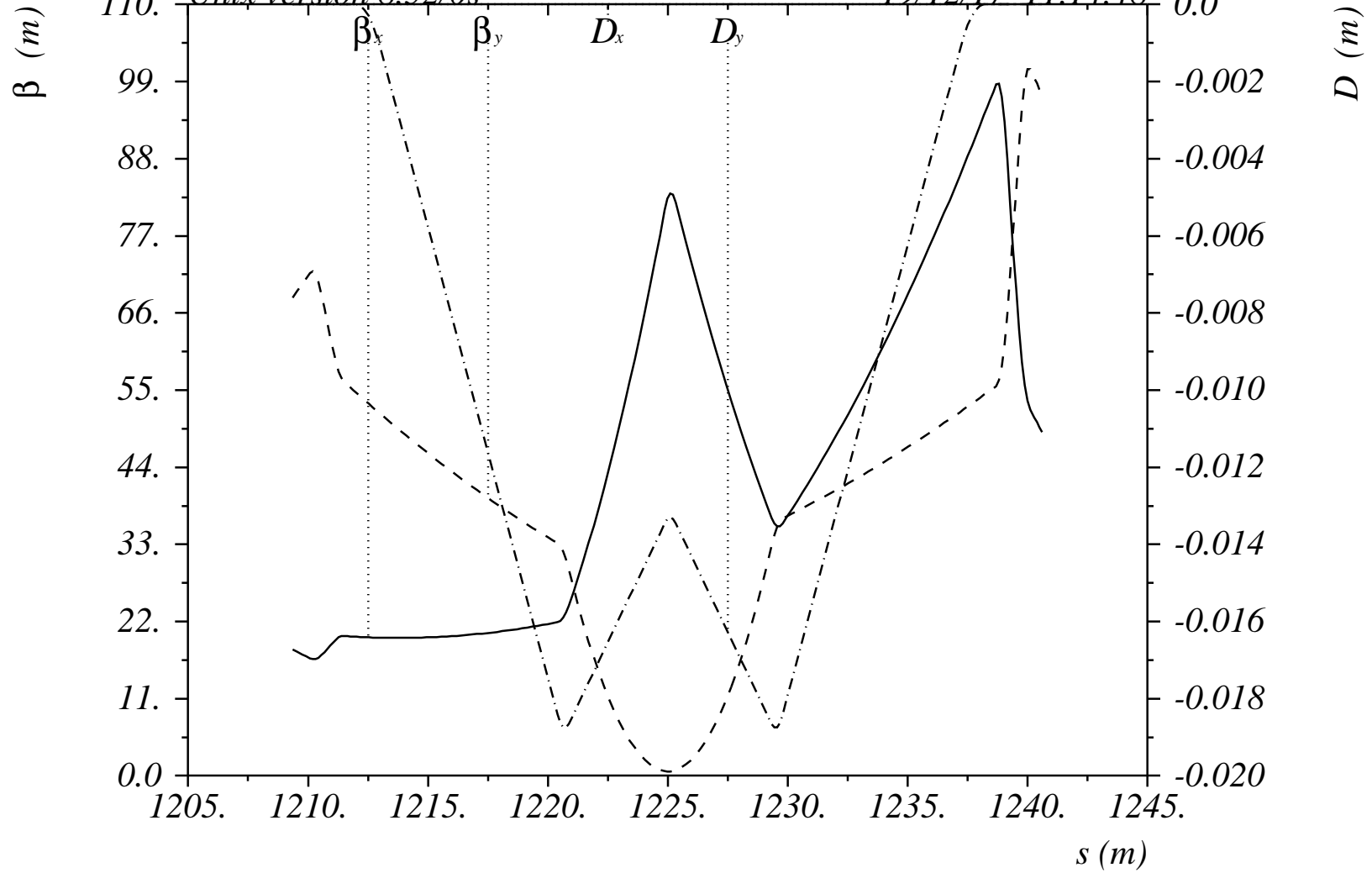
Table name = TWISS



Vertical Bend System
LCLS (December 22, 2017)

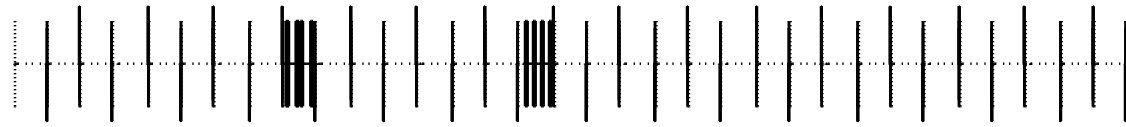
Unix version 8.52/0s

19/12/17 11.14.48



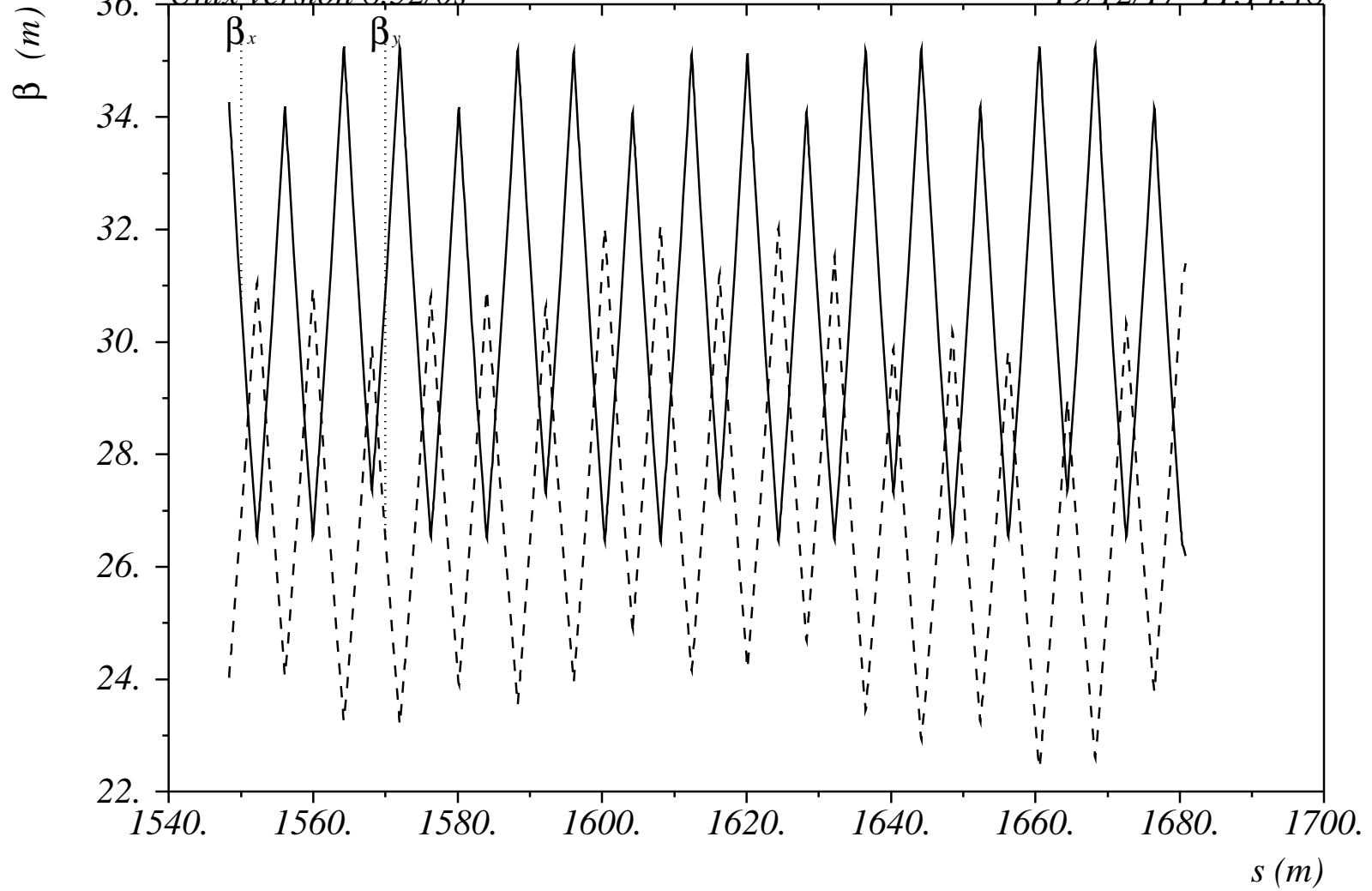
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



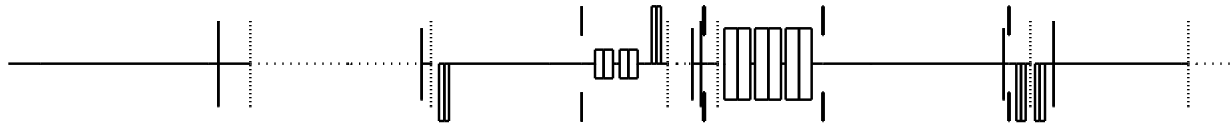
undulator
LCLS (December 22, 2017)
Unix version 8.52/0s

19/12/17 11.14.48



$$\delta_E / p_0 c = 0.$$

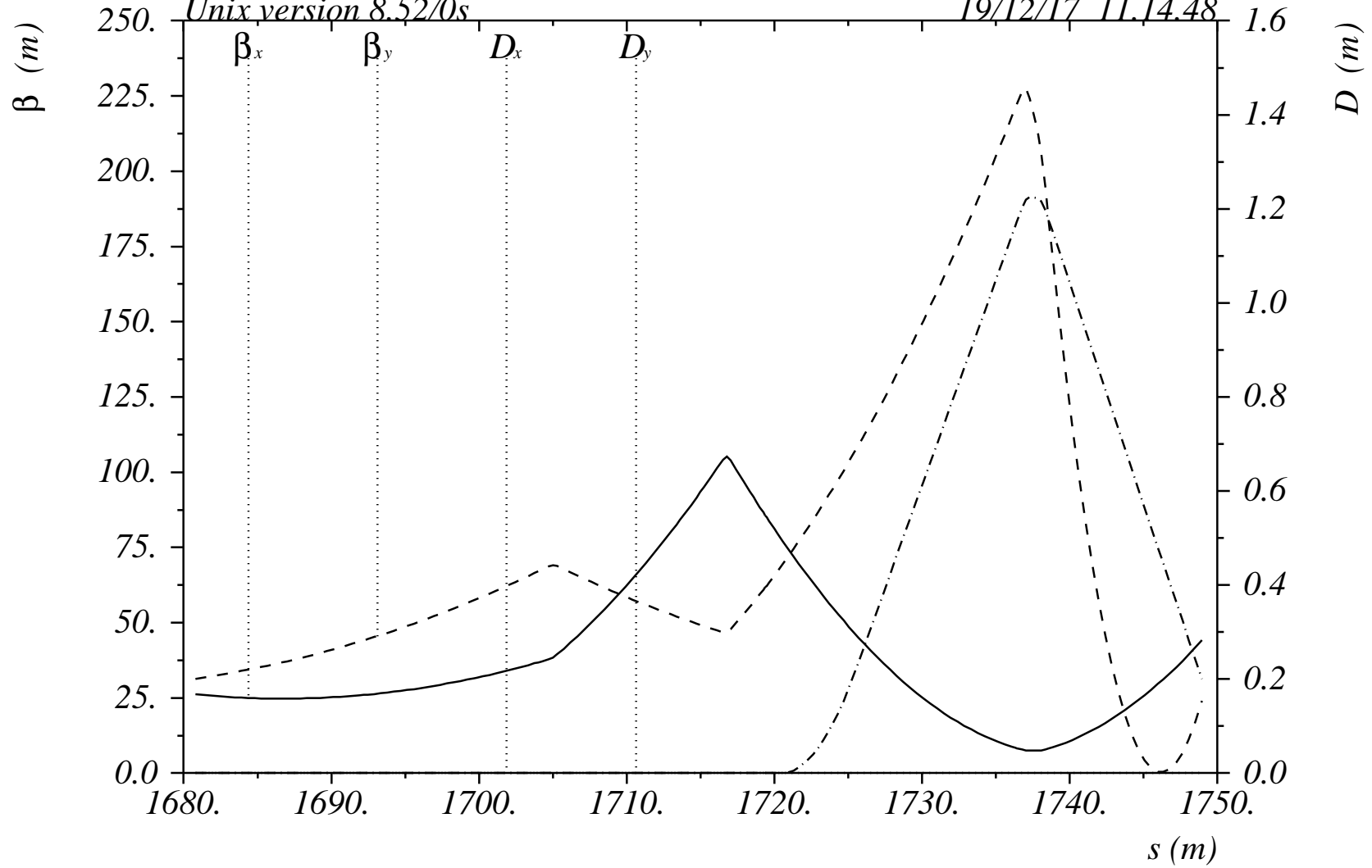
Table name = TWISS



*undulator exit and e- dump
LCLS (December 22, 2017)*

Unix version 8.52/0s

19/12/17 11.14.48



$\delta_E / p_{oc} = 0.$

Table name = TWISS