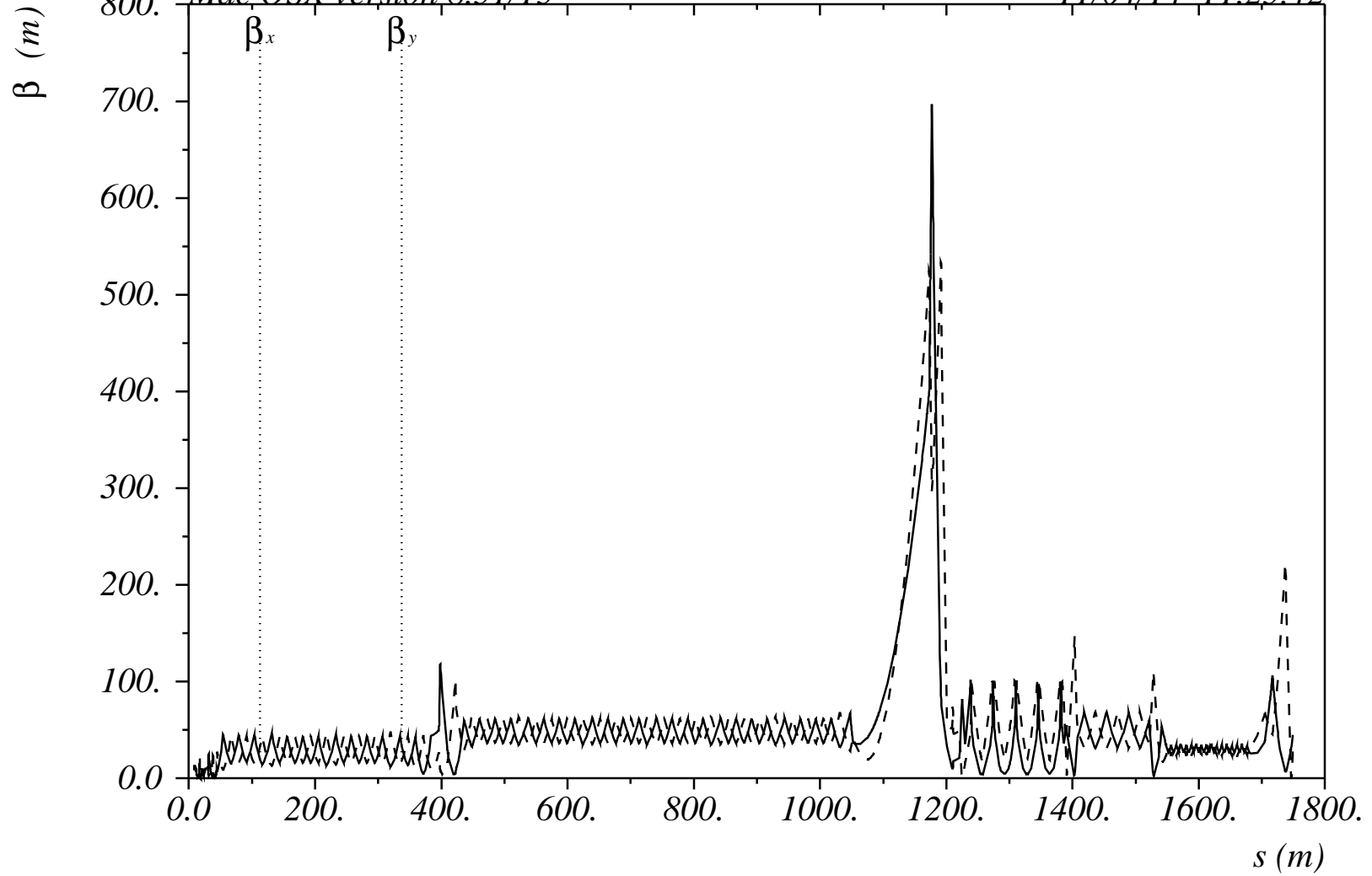


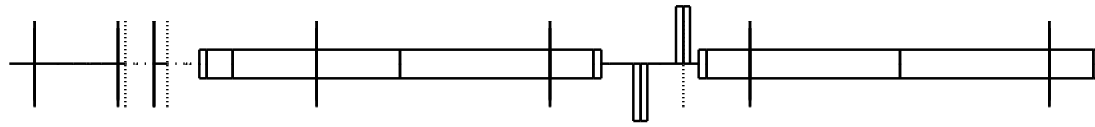
*Cathode to Main Dump
LCLS: LCLS24OCT13 design
Mac OSX version 8.51/15*

11/04/14 11.25.42



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

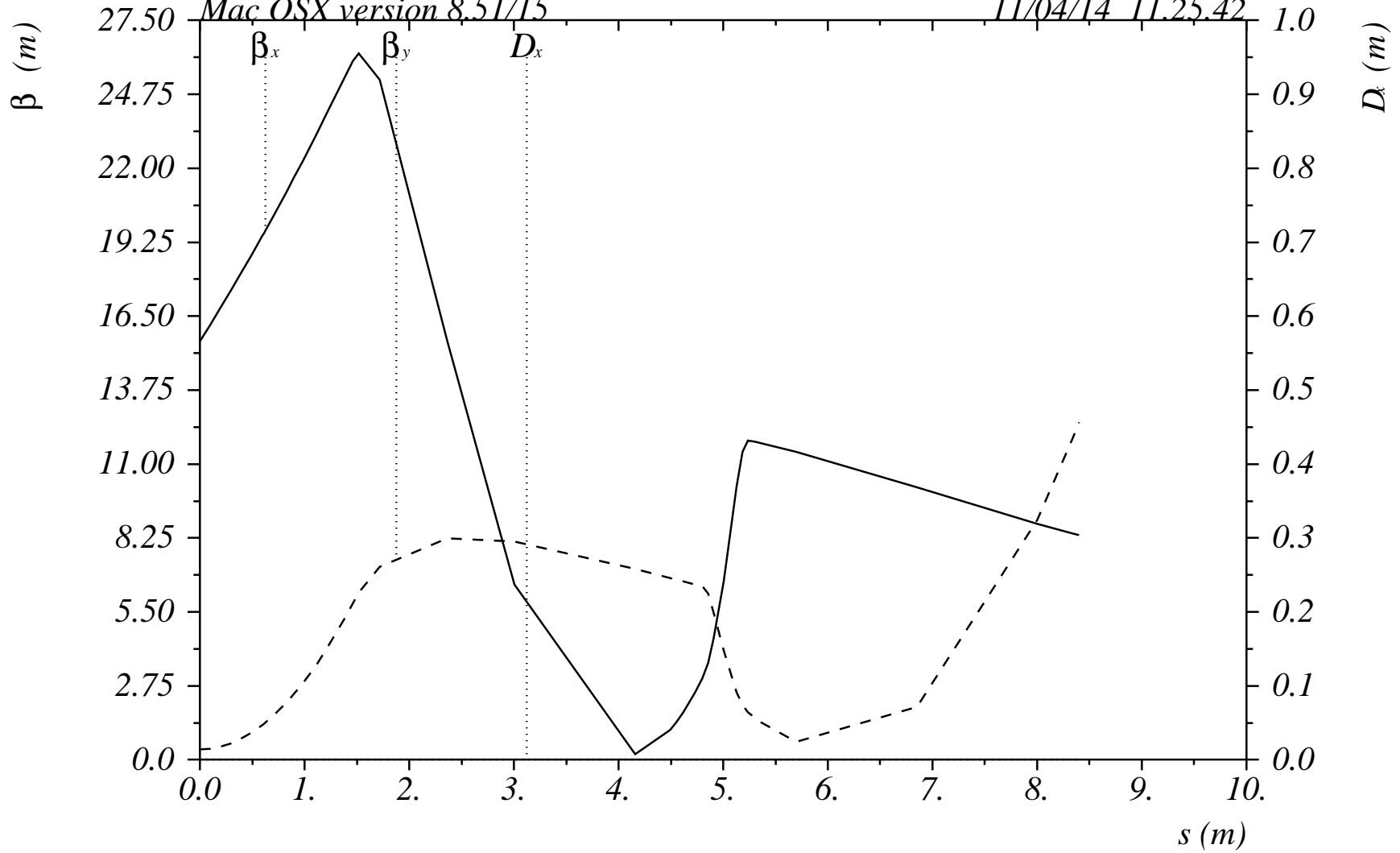
Table name = TWISS



L0-to-DL1 dog-leg
LCLS: LCLS24OCT13 design

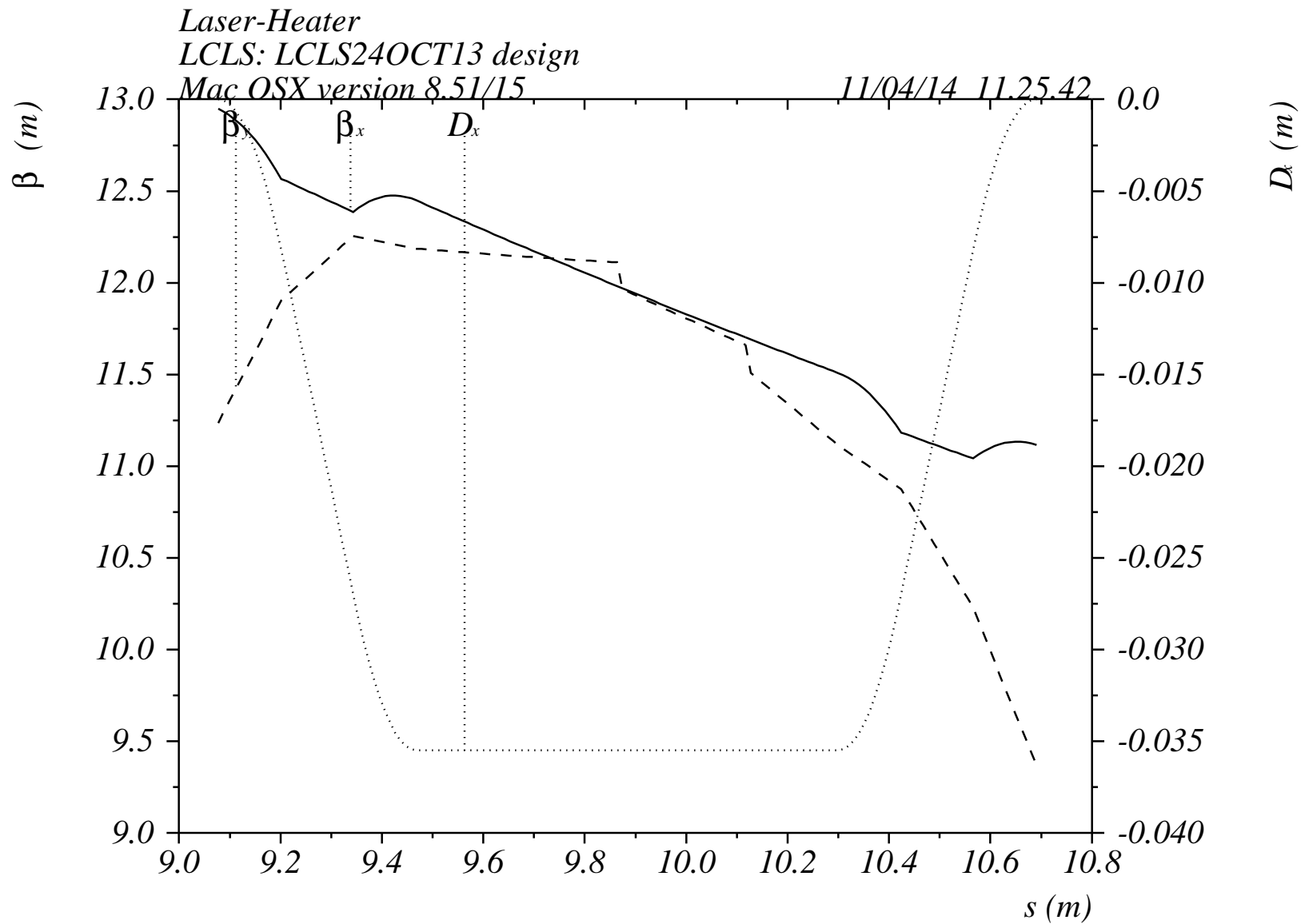
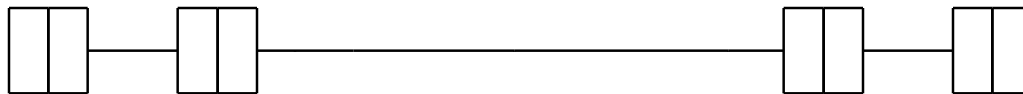
Mac OSX version 8.51/15

11/04/14 11.25.42



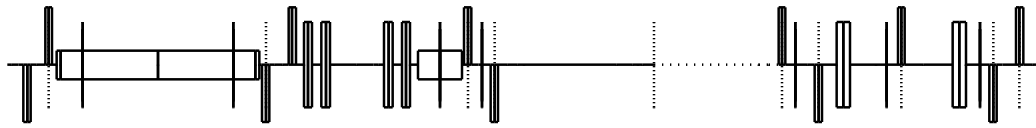
$\delta_E / p_{oc} = 0.$

Table name = TWISS

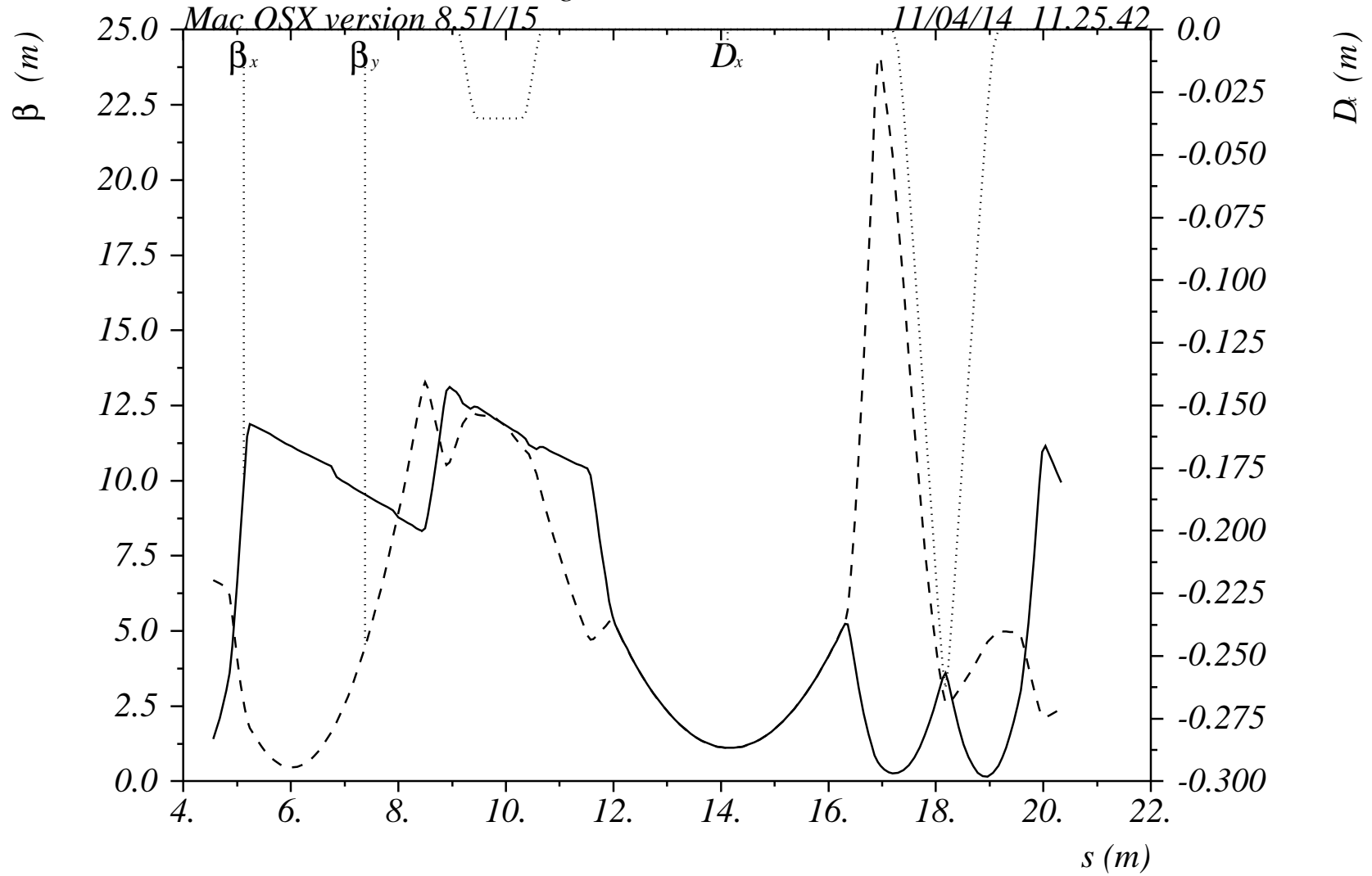


$\delta_E / p_0 c = 0.$

Table name = TWISS

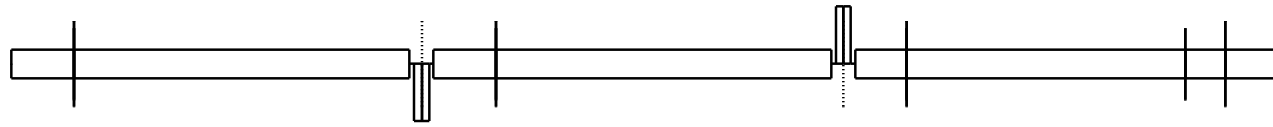


L0-to-DL1 dog-leg
 LCLS: LCLS24OCT13 design
 Mac OSX version 8.51/15



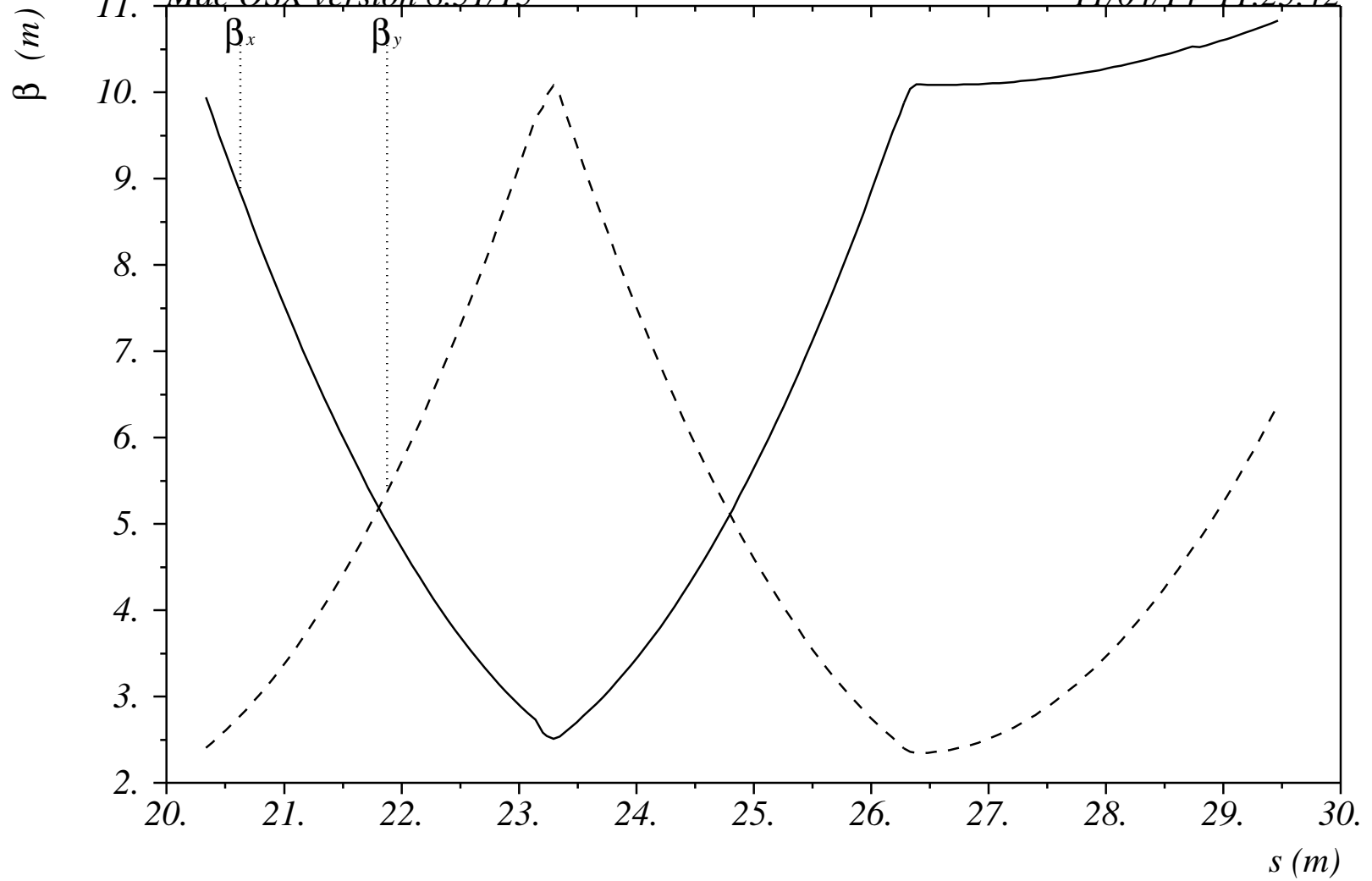
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



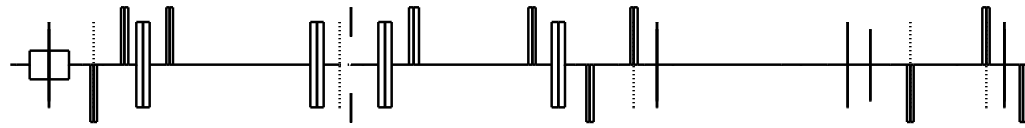
L1-linac
LCLS: LCLS24OCT13 design
Mac OSX version 8.51/15

11/04/14 11.25.42



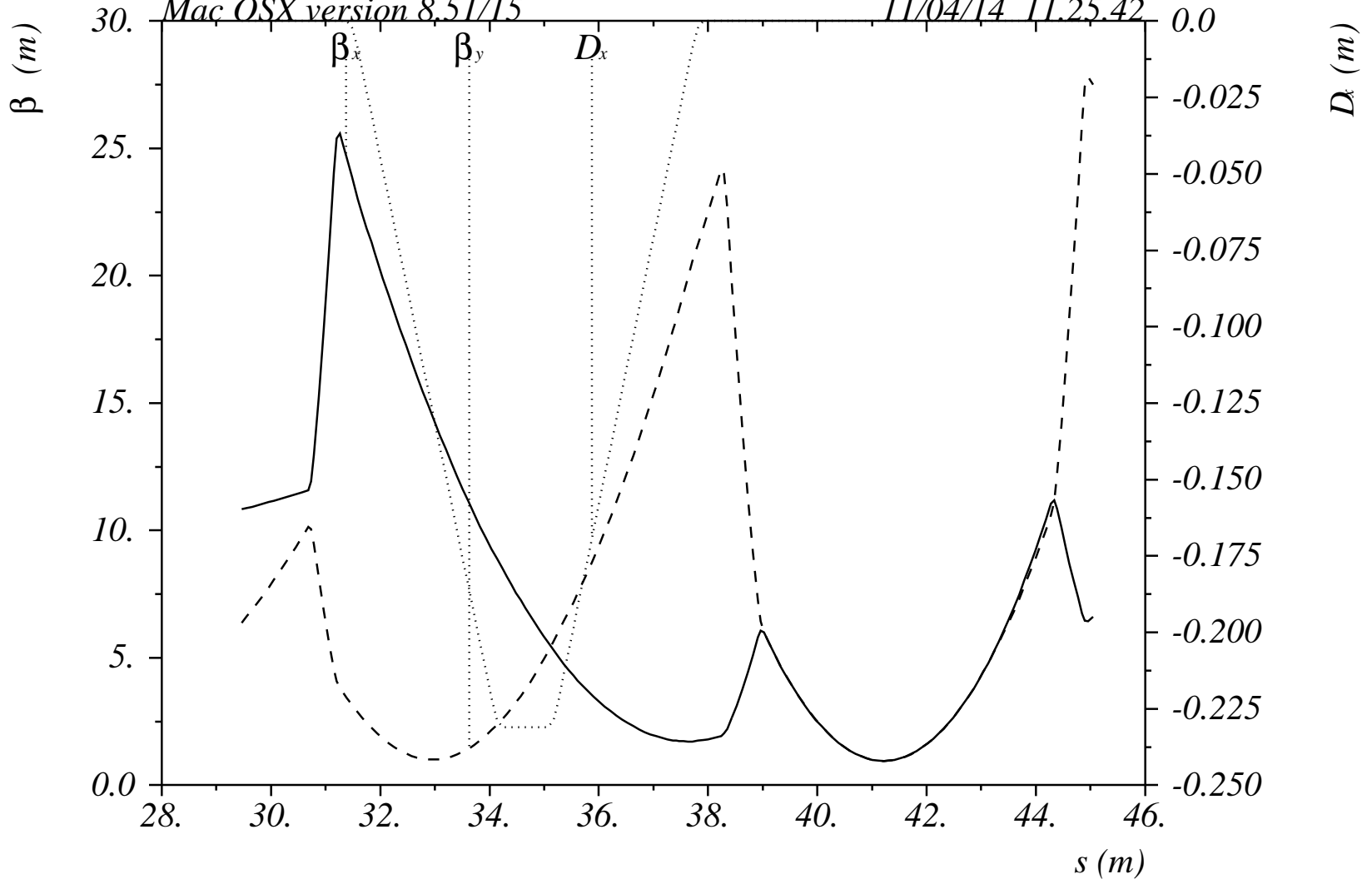
$$\delta_E / p_{0c} = 0.$$

Table name = TWISS



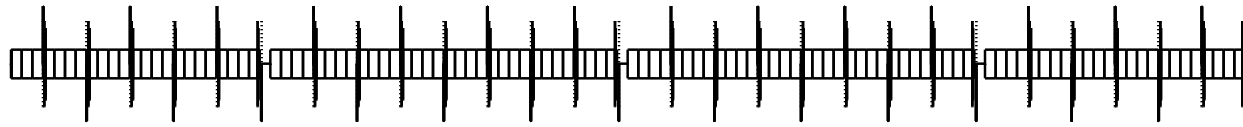
BC1-chicane
 LCLS: LCLS24OCT13 design
 Mac OSX version 8.51/15

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

Table name = TWISS

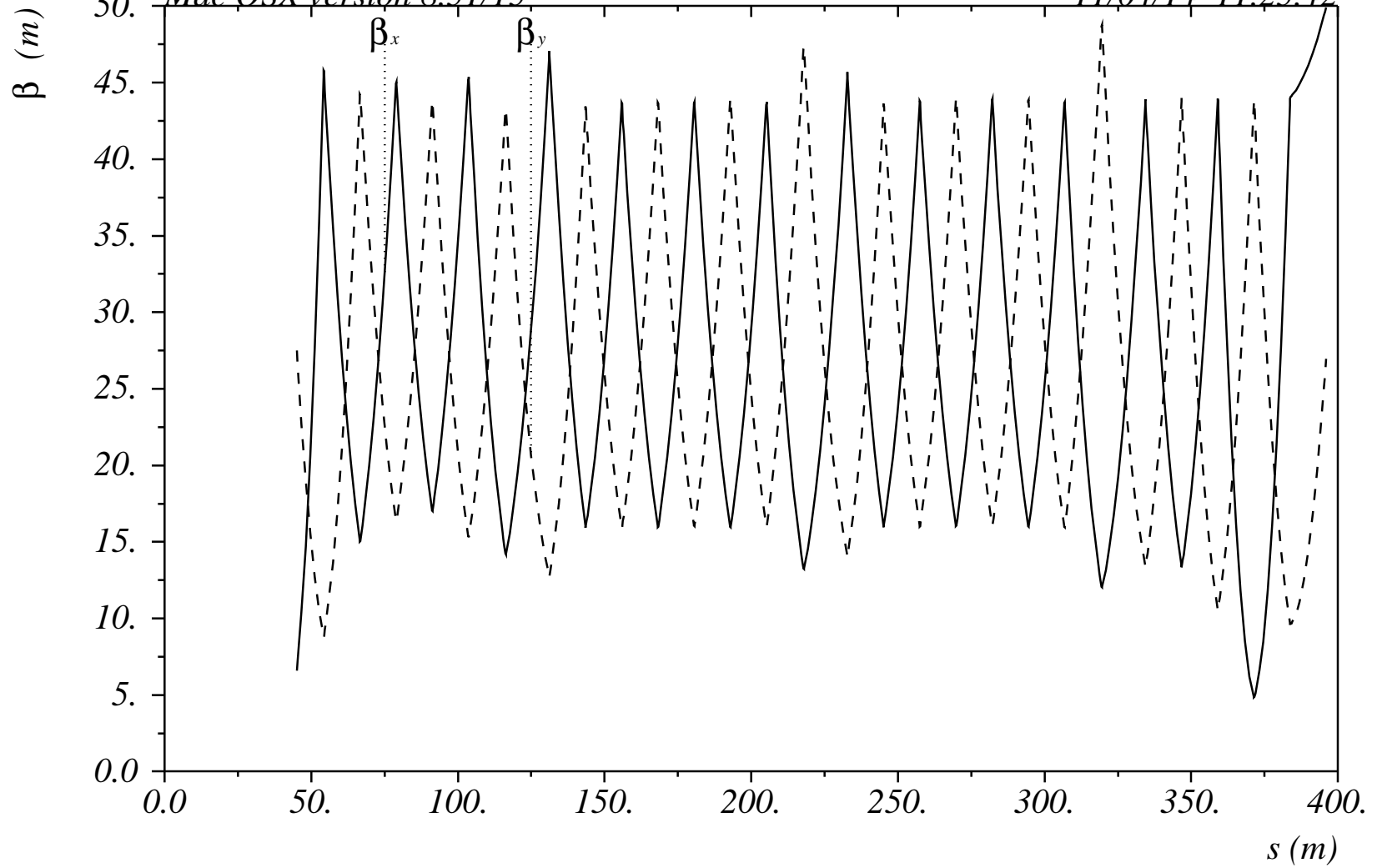


L2-linac

LCLS: LCLS24OCT13 design

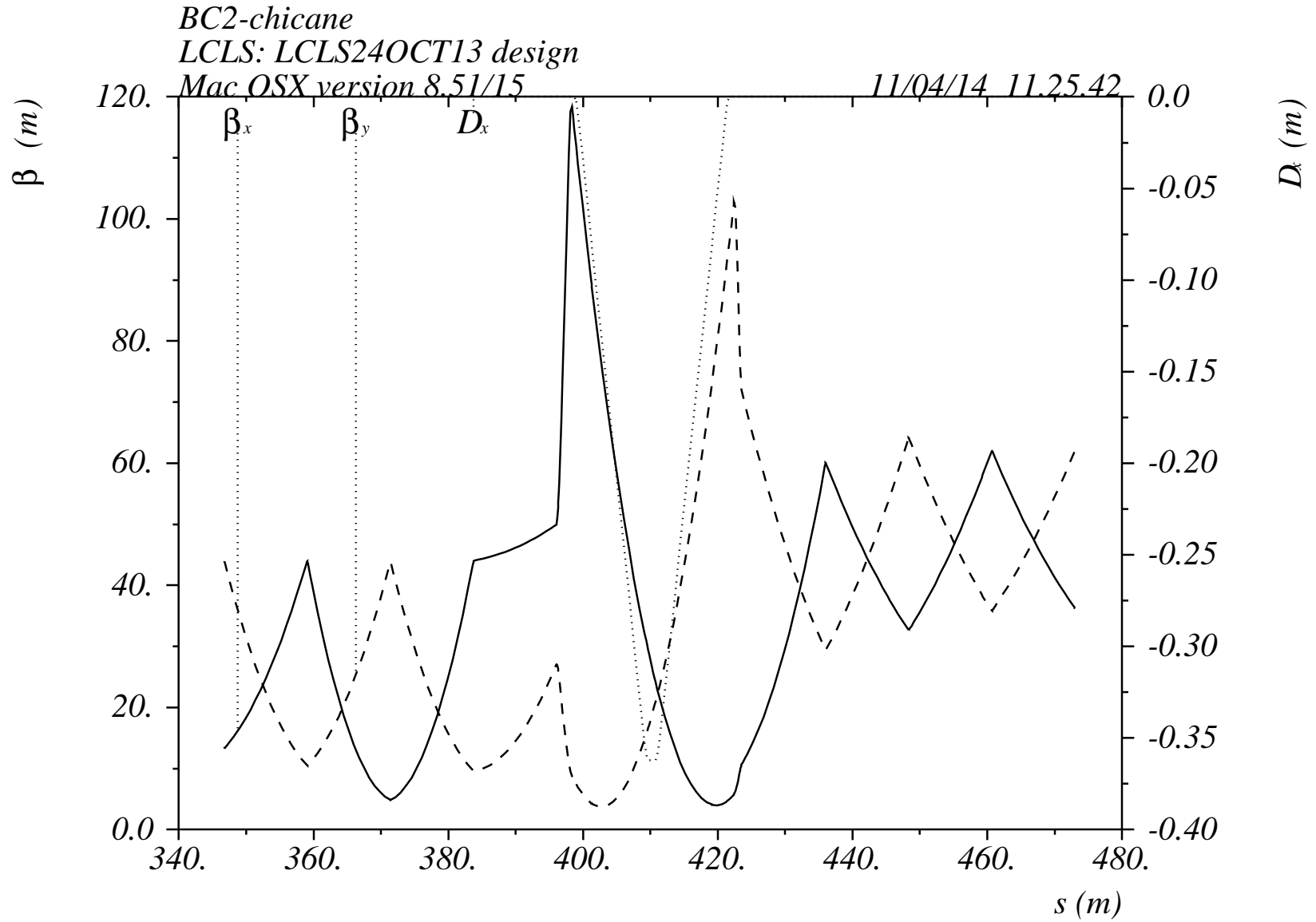
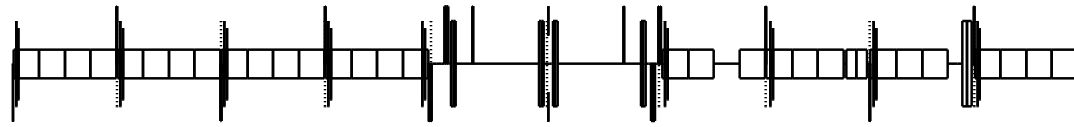
Mac OSX version 8.51/15

11/04/14 11.25.42



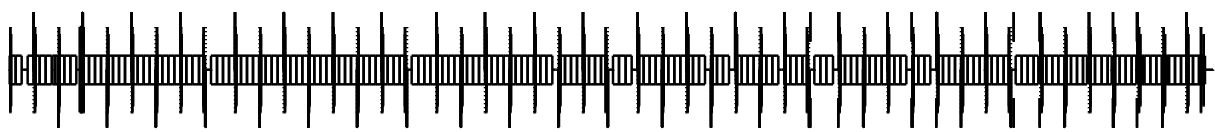
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



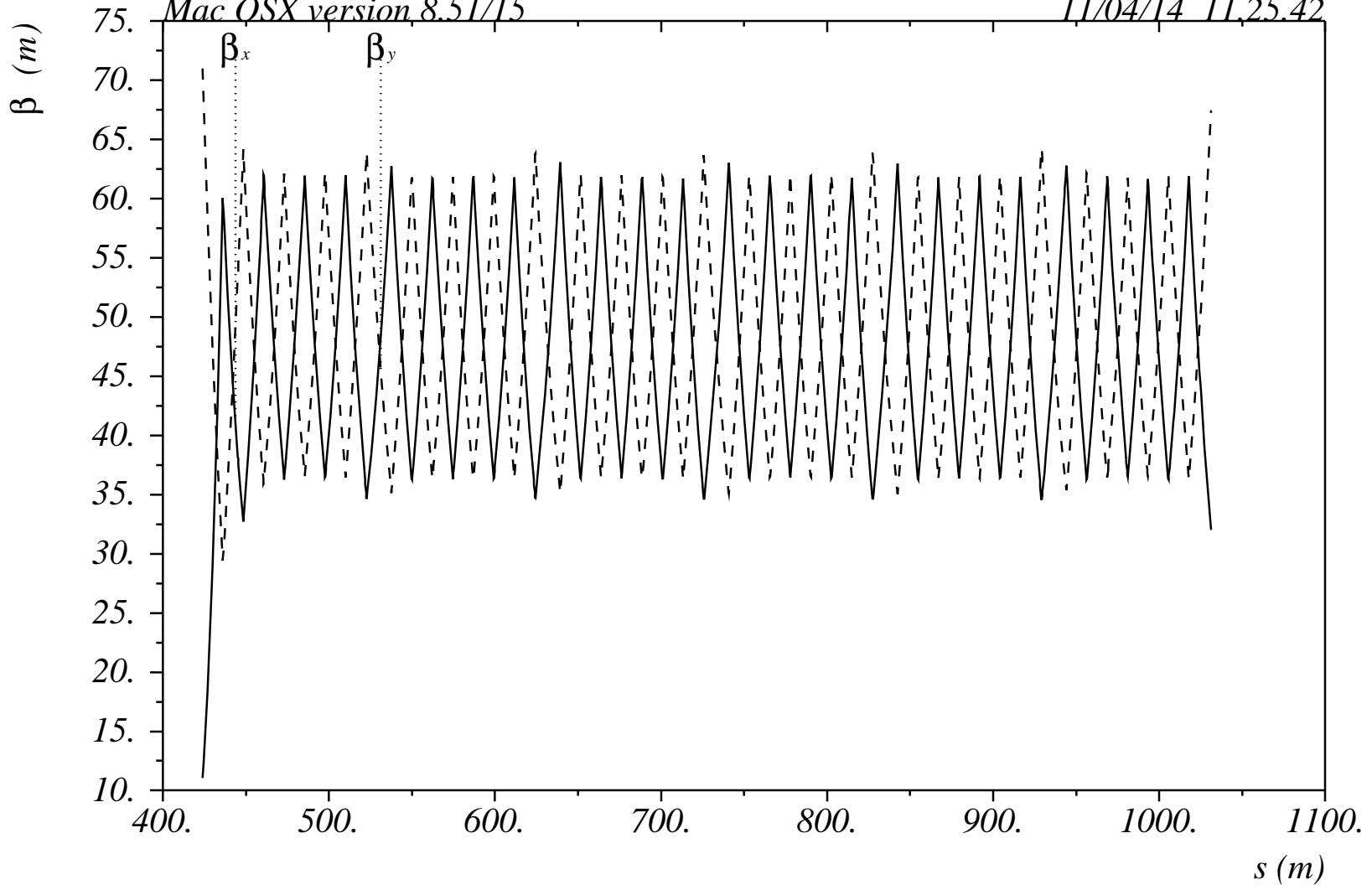
$\delta_E / p_{oc} = 0.$

Table name = TWISS



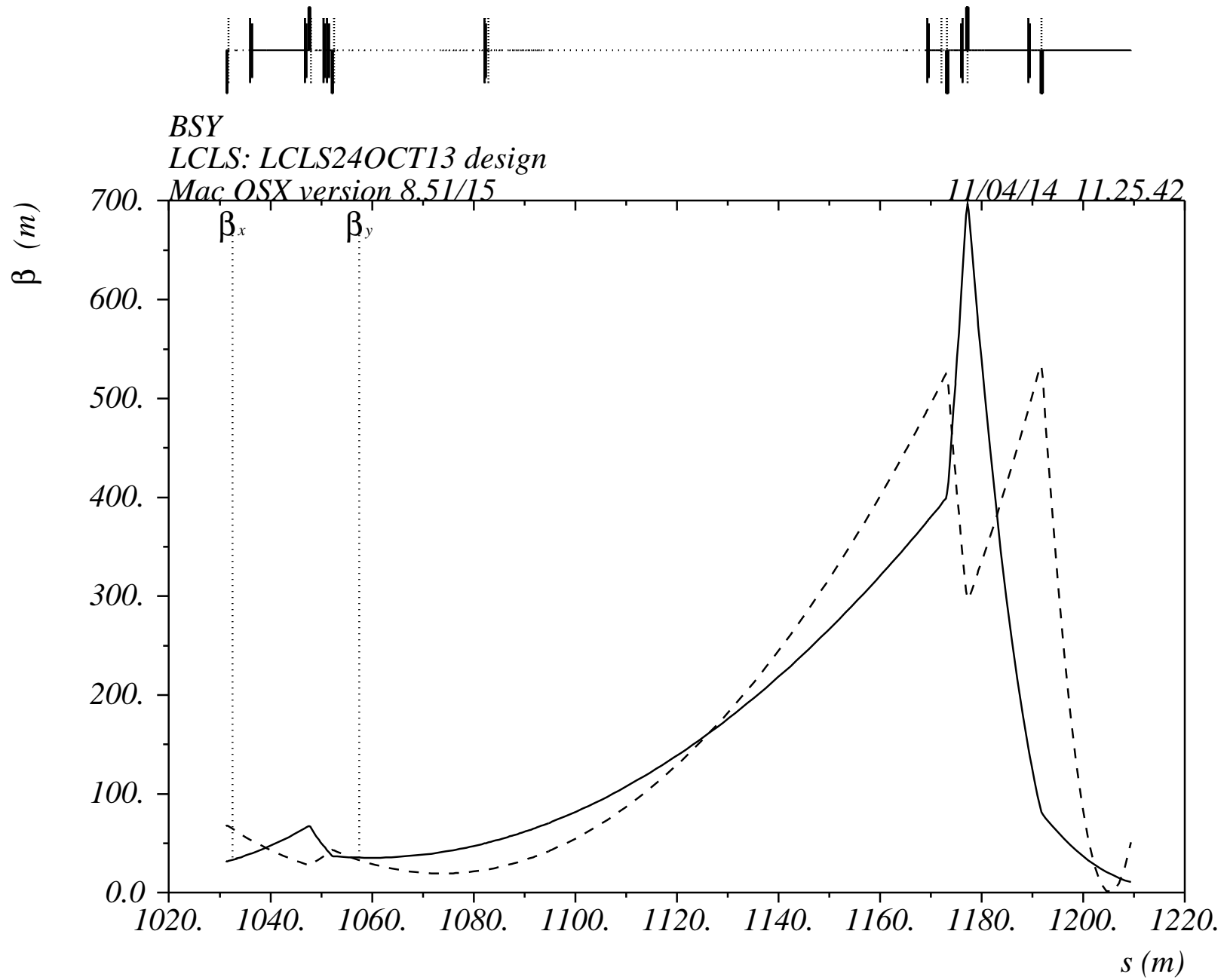
L3-linac
LCLS: LCLS24OCT13 design
Mac OSX version 8.51/15

11/04/14 11.25.42



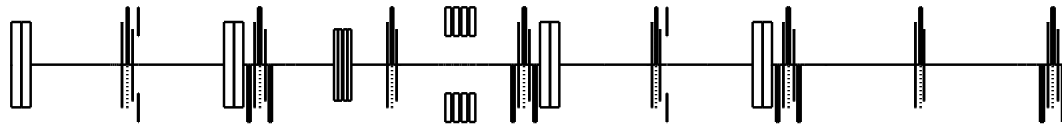
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



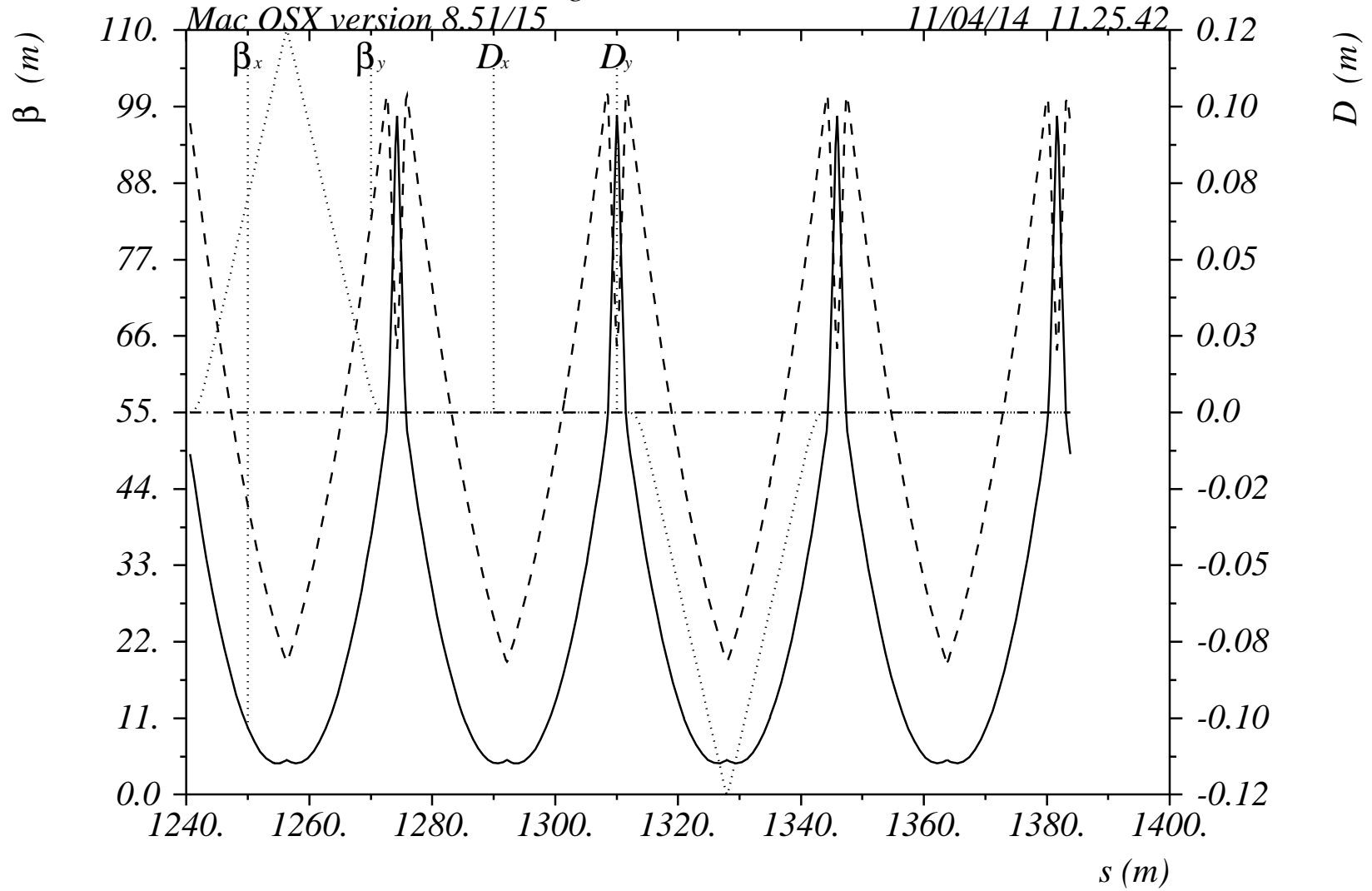
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



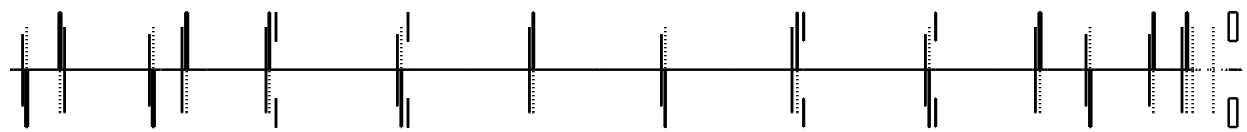
DL2-dogleg
 LCLS: LCLS24OCT13 design
 Mac OSX version 8.51/15

11/04/14 11.25.42



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

Table name = TWISS

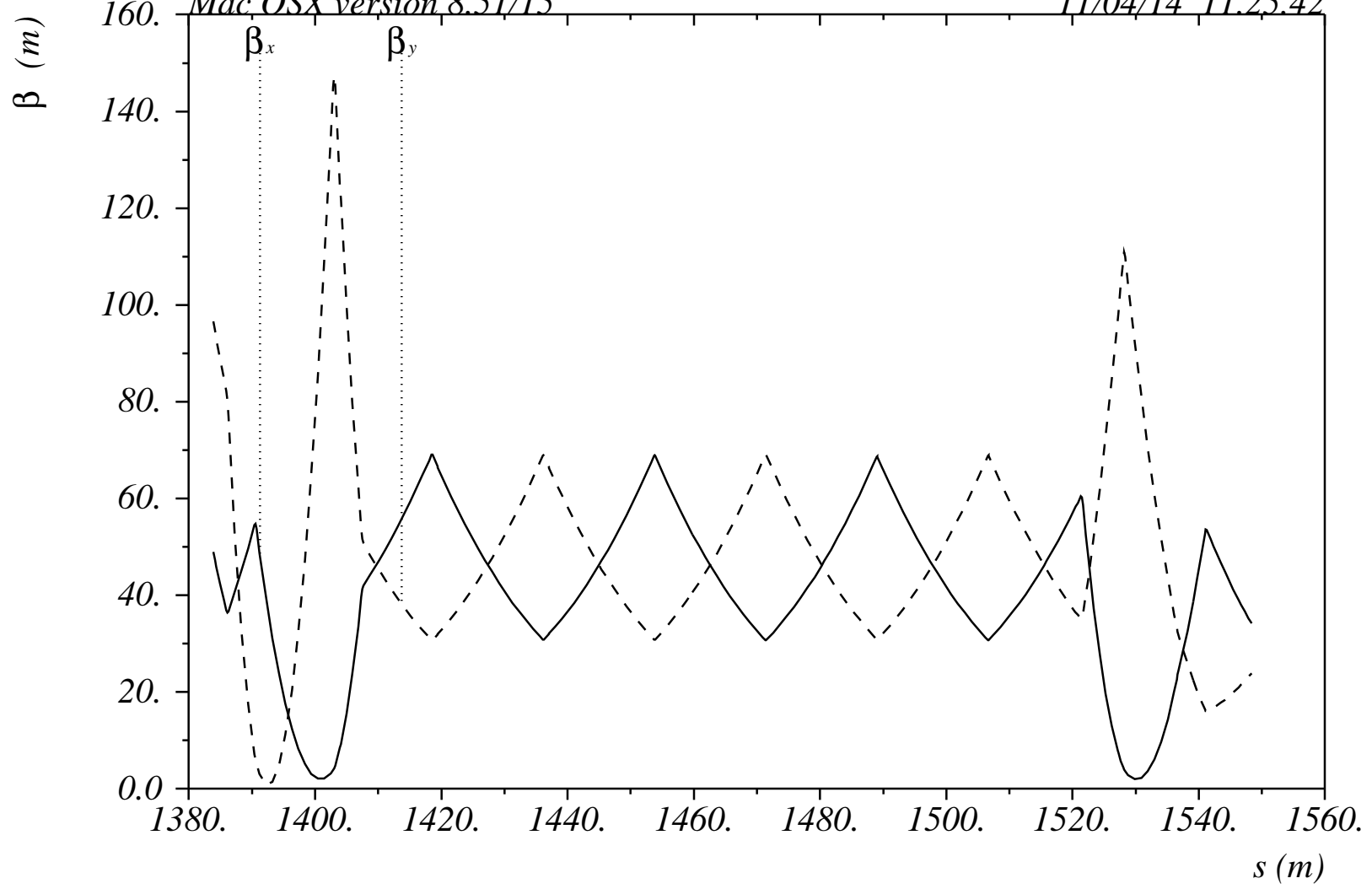


Undulator emittance diagnostics

LCLS: LCLS24OCT13 design

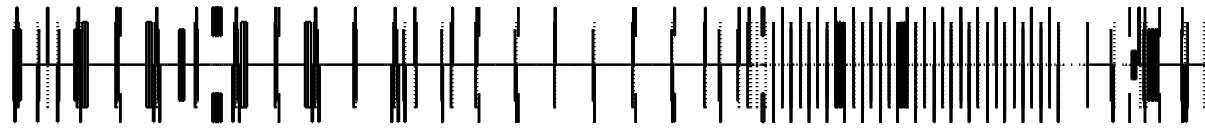
Mac OSX version 8.51/15

11/04/14 11.25.42



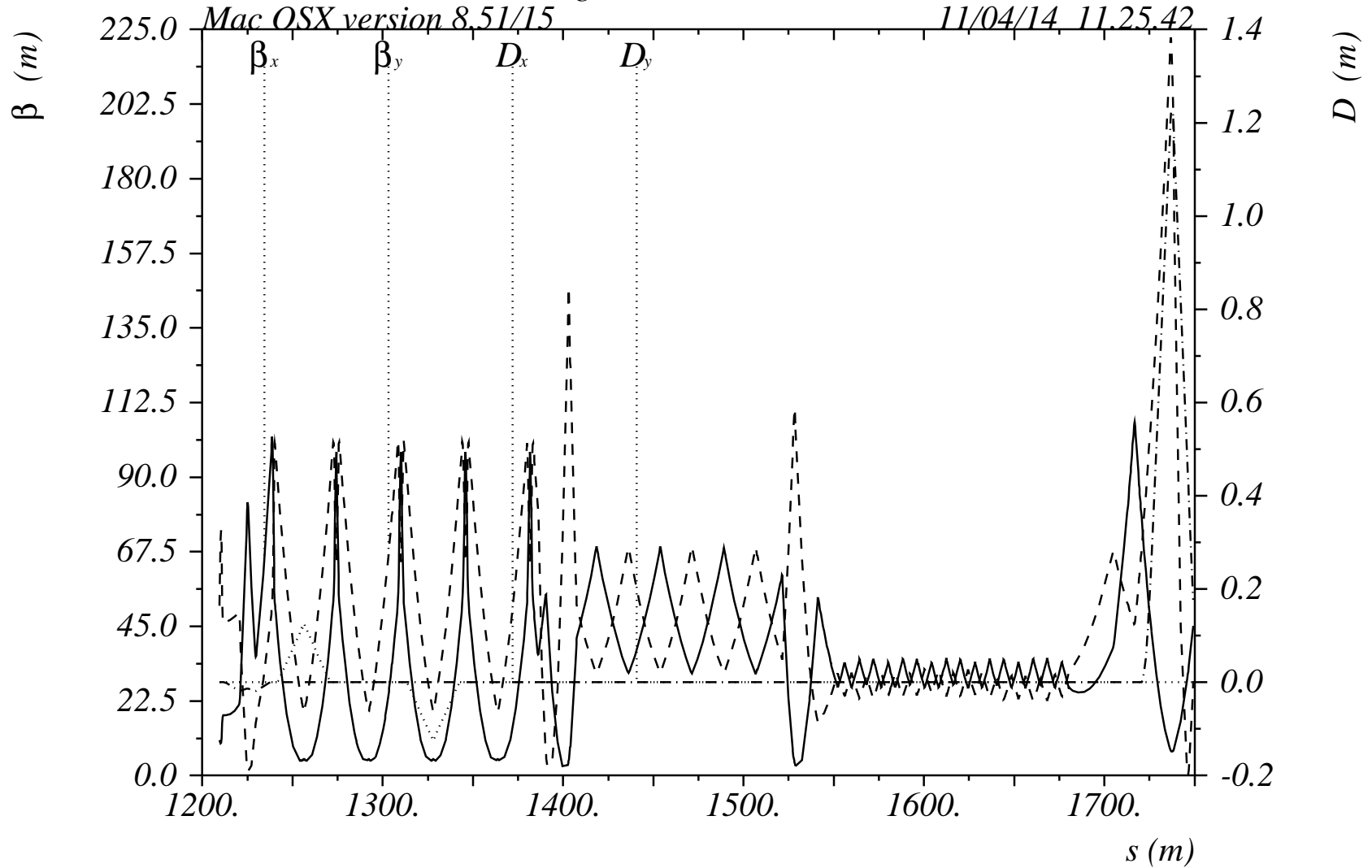
$\delta_E / p_{oc} = 0.$

Table name = TWISS



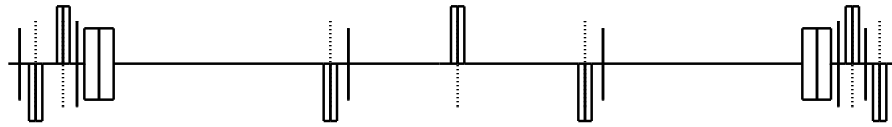
muon-plug-to-DUMP
LCLS: LCLS24OCT13 design
Mac OSX version 8.51/15

11/04/14 11.25.42

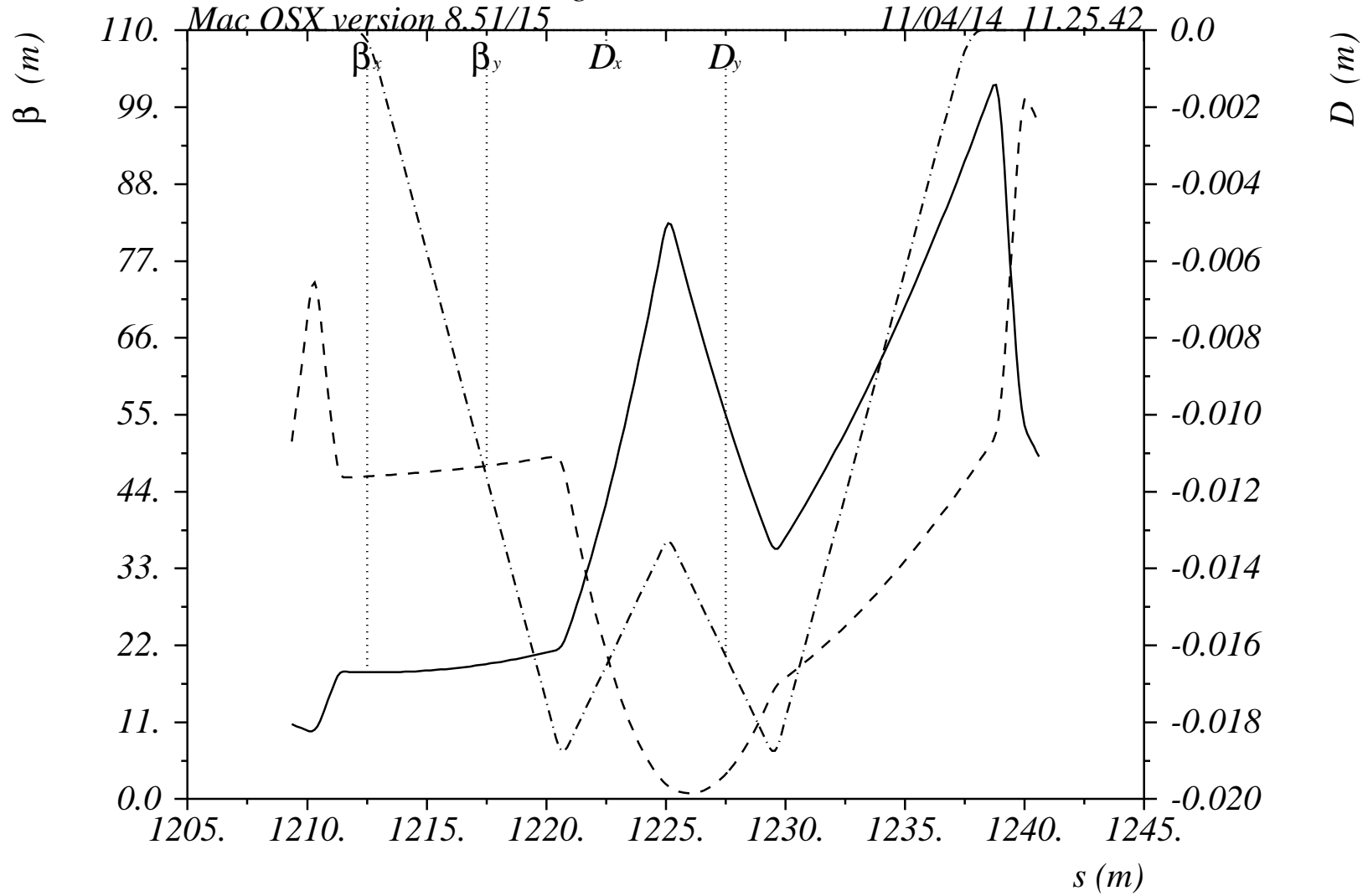


$$\delta_E / p_{oc} = 0.$$

Table name = TWISS

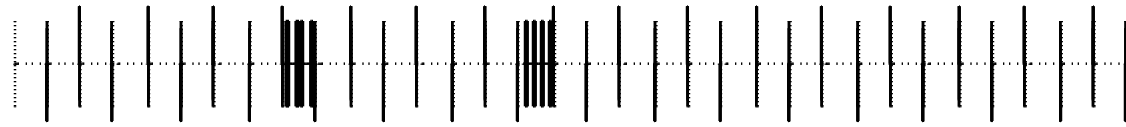


Vertical Bend System
 LCLS: LCLS24OCT13 design
 Mac OSX version 8.51/15



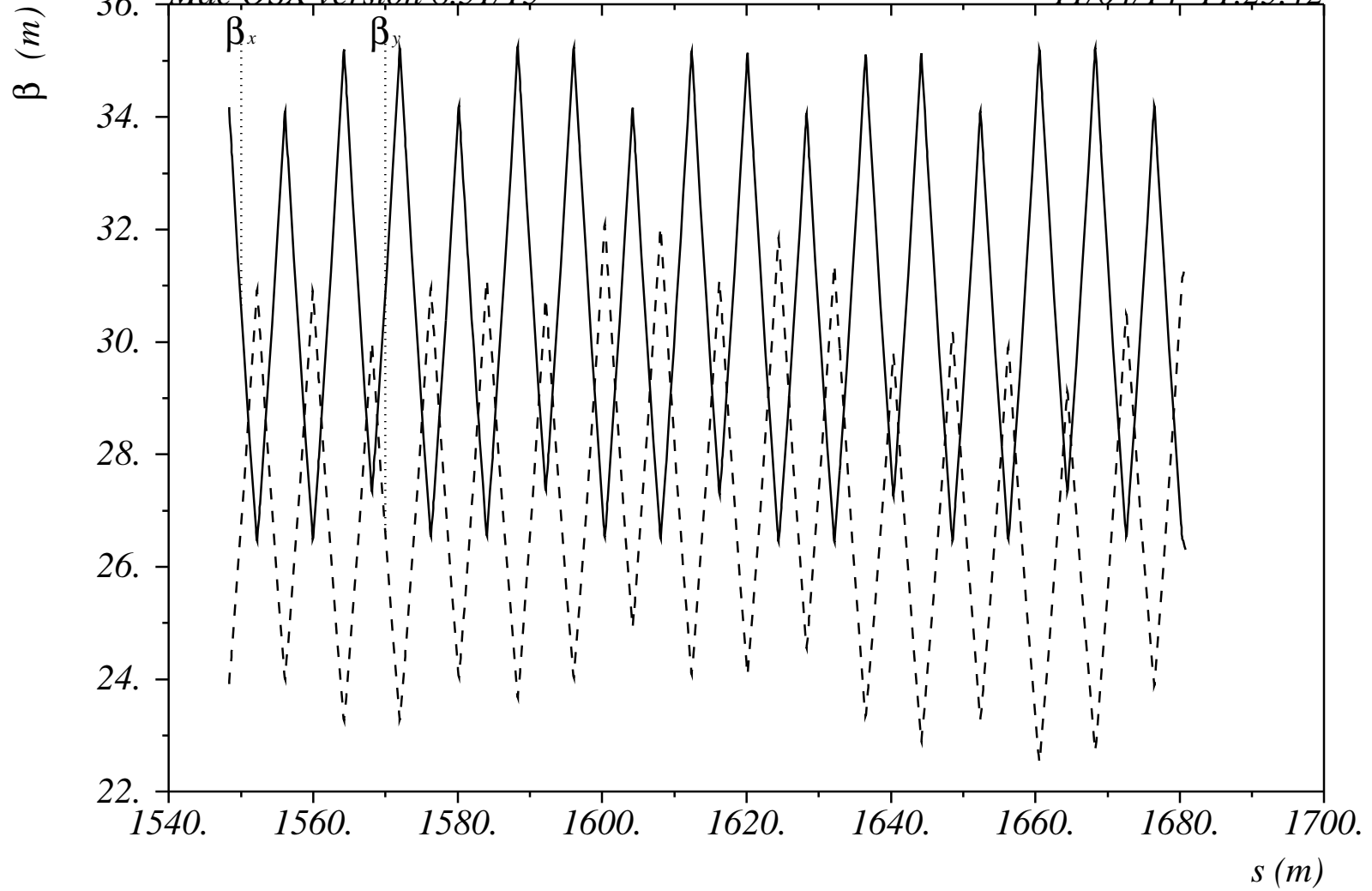
$\delta_E / p_{oc} = 0.$

Table name = TWISS



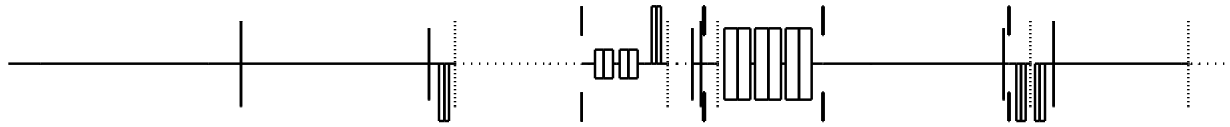
undulator
LCLS: LCLS24OCT13 design
Mac OSX version 8.51/15

11/04/14 11.25.42



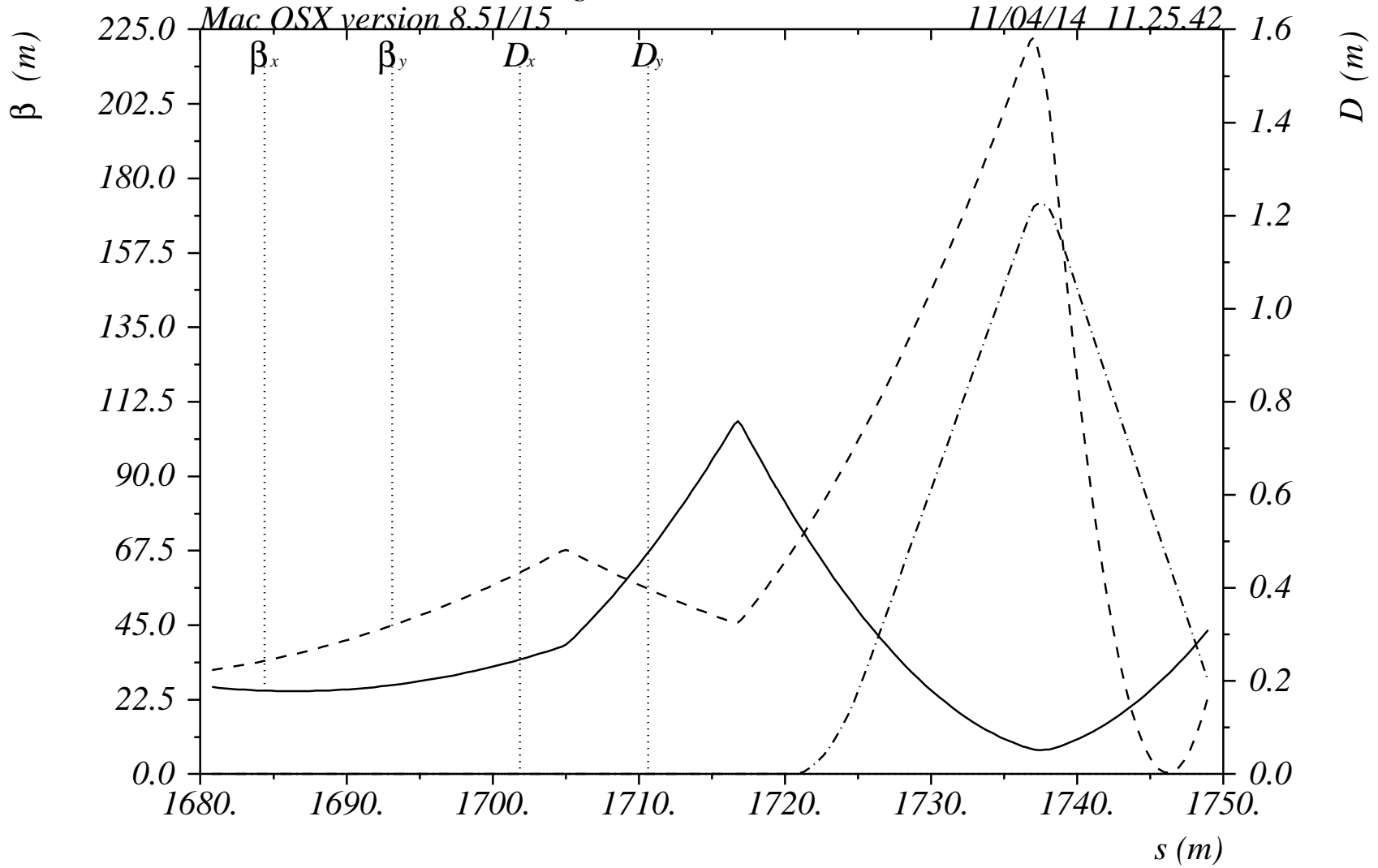
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



*undulator exit and e- dump
 LCLS: LCLS24OCT13 design
 Mac OSX version 8.51/15*

11/04/14 11.25.42



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

Table name = TWISS