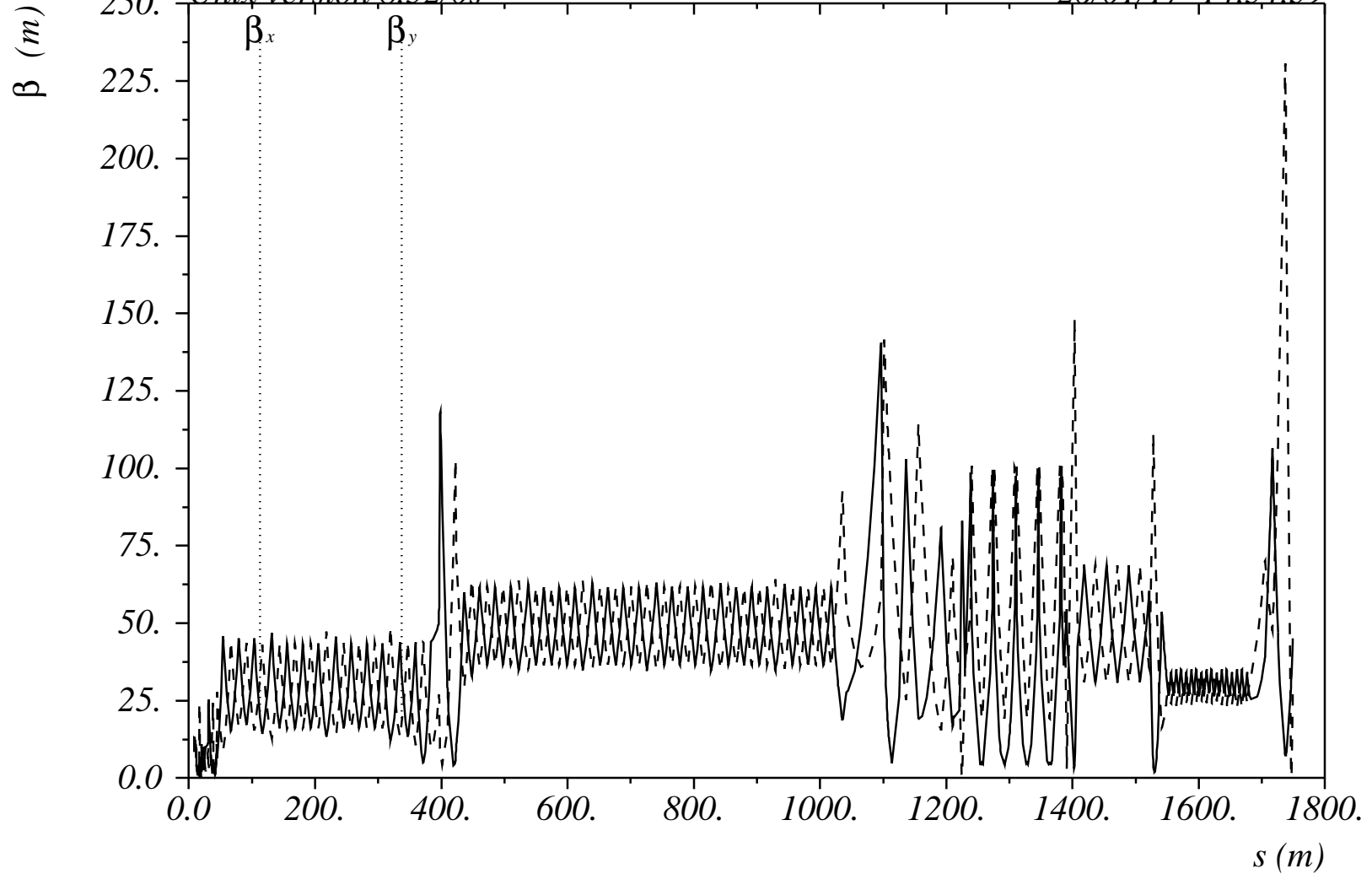


*Cathode to Main Dump  
LCLS: LCLS27JAN17 design*

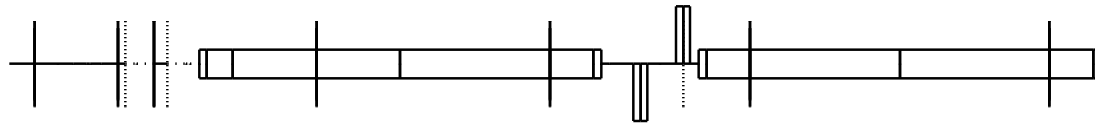
*Unix version 8.52/0s*

*26/01/17 14.54.39*



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

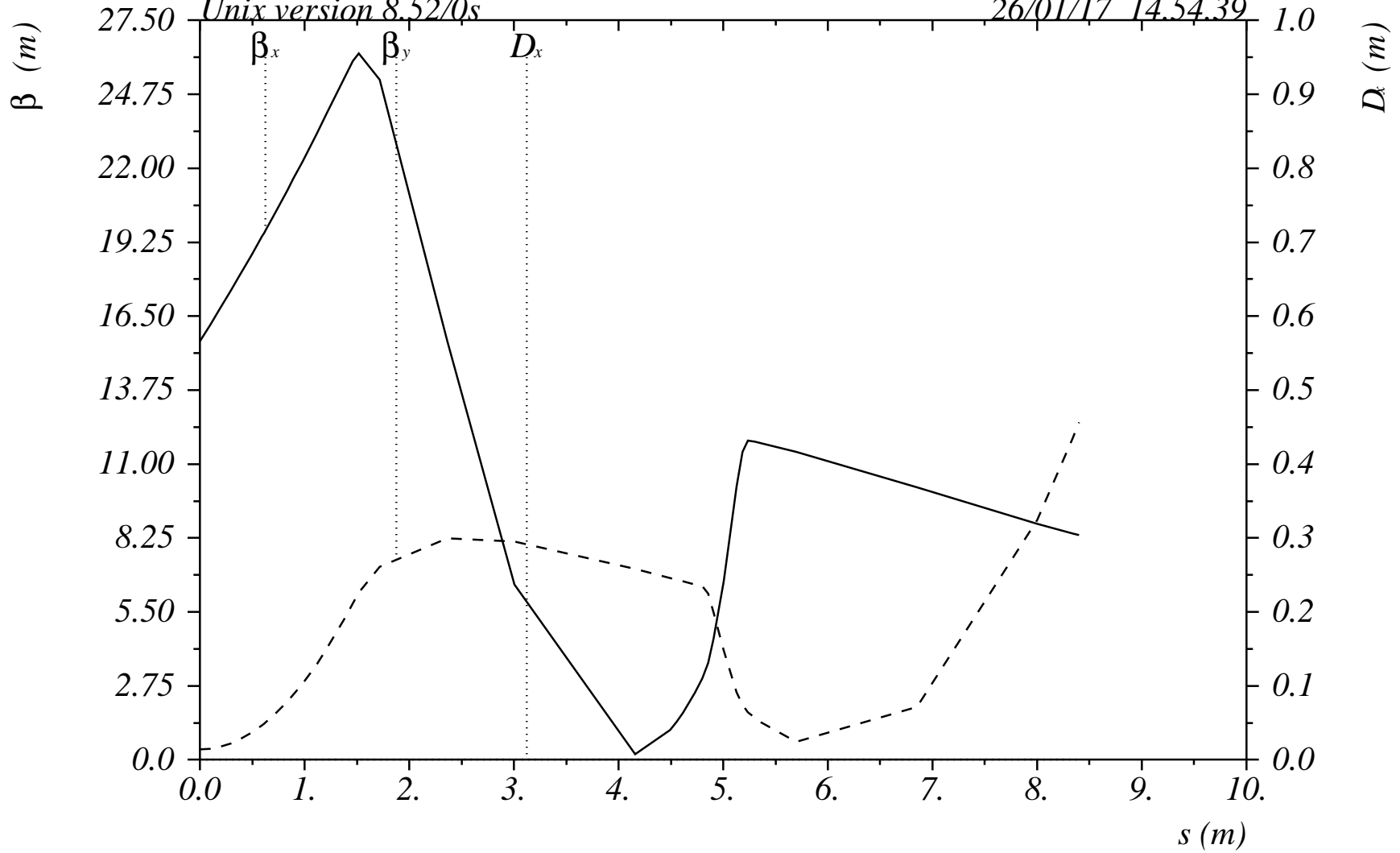
*Table name = TWISS*



*L0-to-DL1 dog-leg*  
*LCLS: LCLS27JAN17 design*

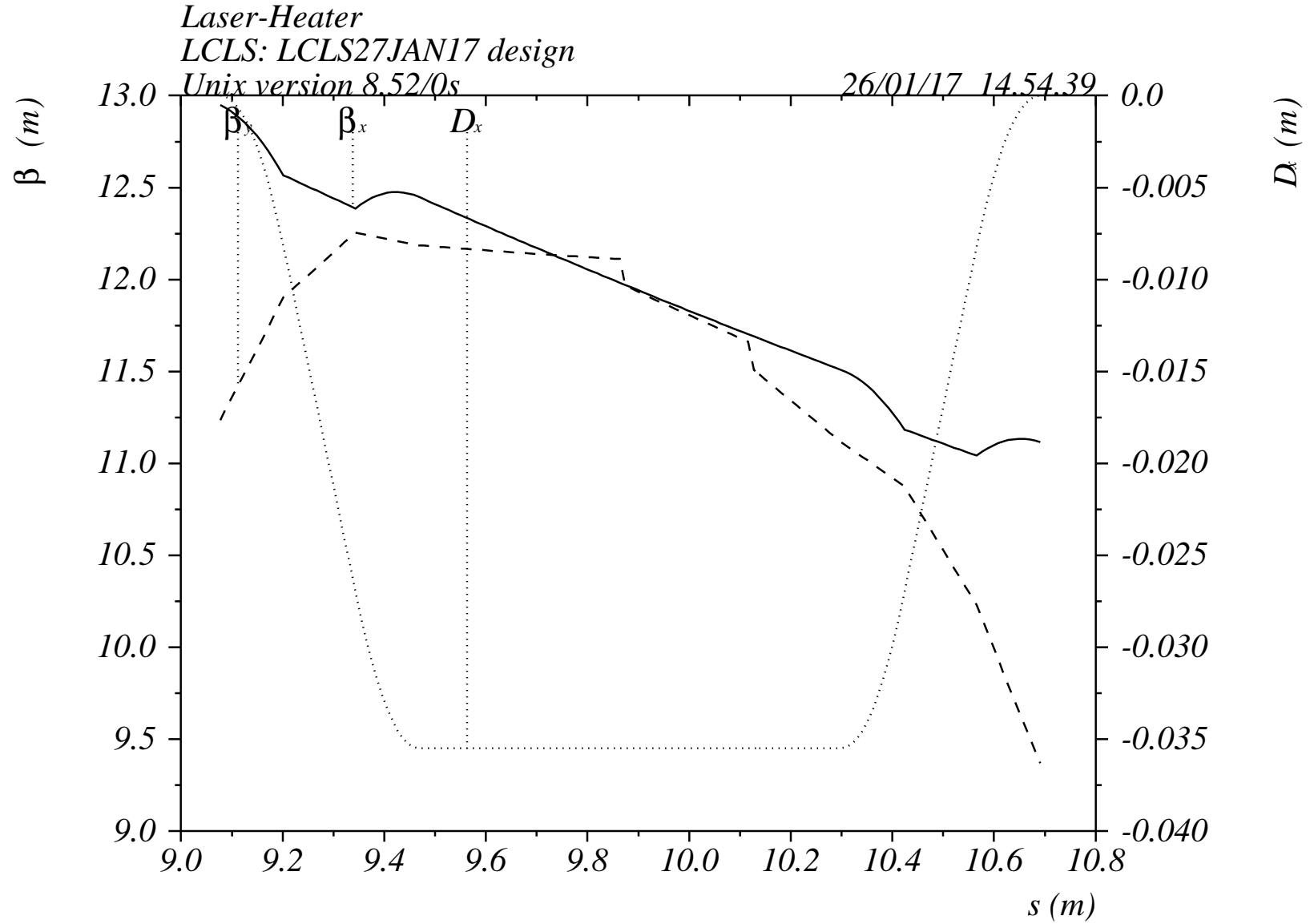
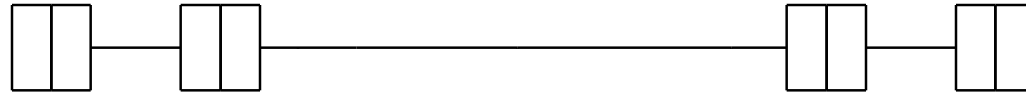
*Unix version 8.52/0s*

*26/01/17 14.54.39*



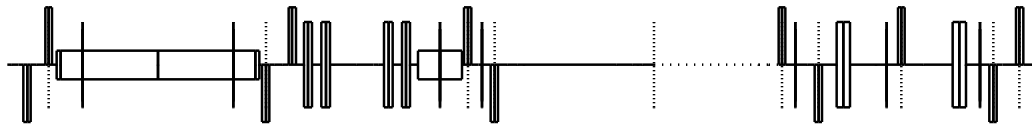
$\delta_E / p_{oc} = 0.$

*Table name = TWISS*

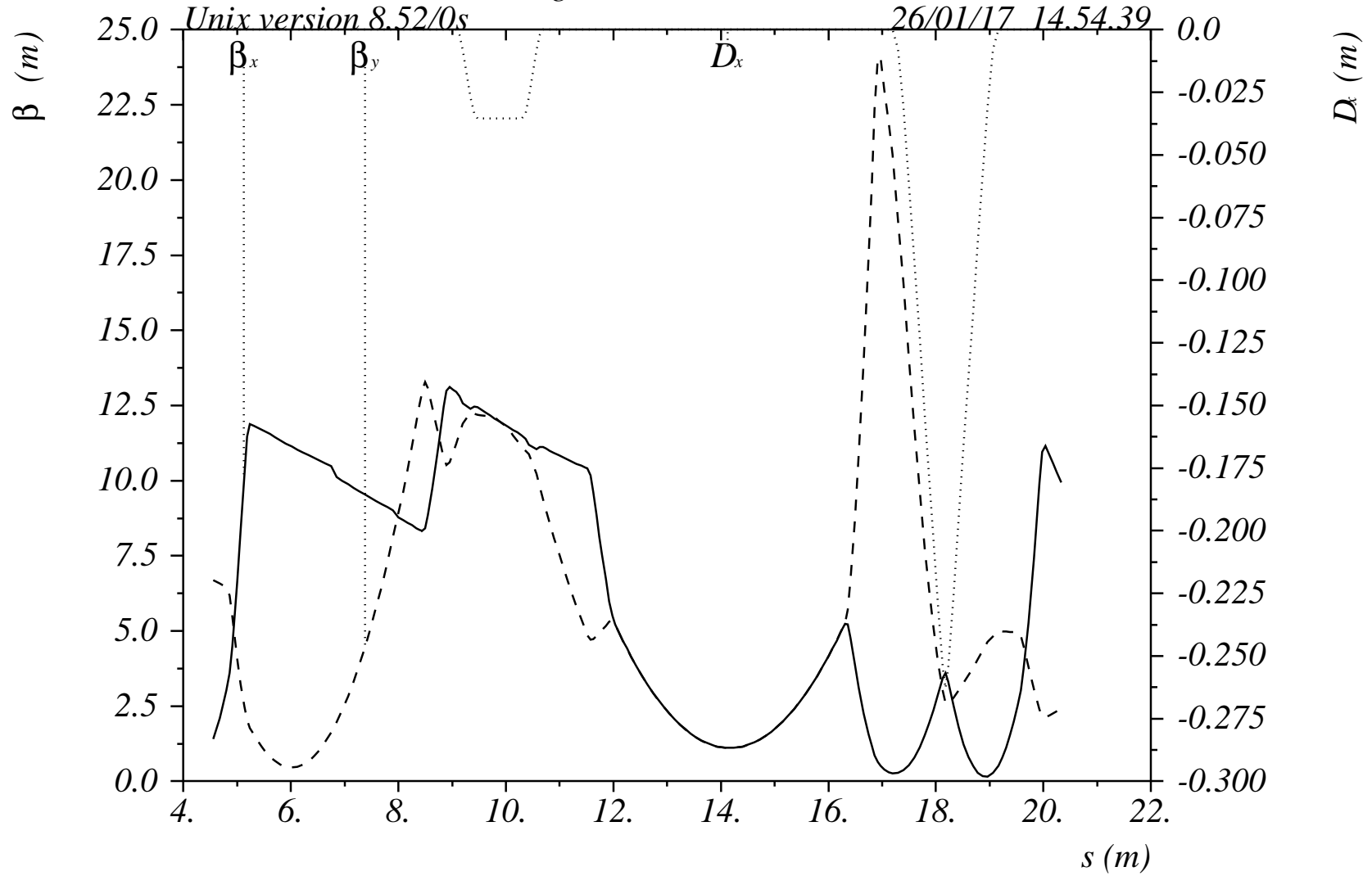


$\delta_E / p_0 c = 0.$

Table name = TWISS

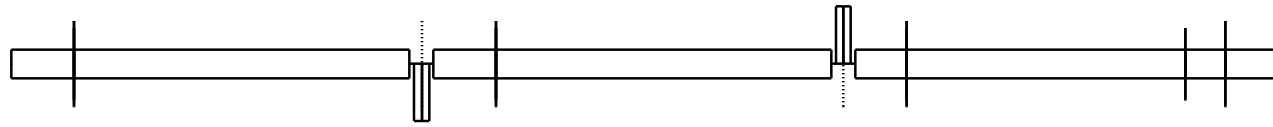


L0-to-DL1 dog-leg  
 LCLS: LCLS27JAN17 design  
 Unix version 8.52/0s



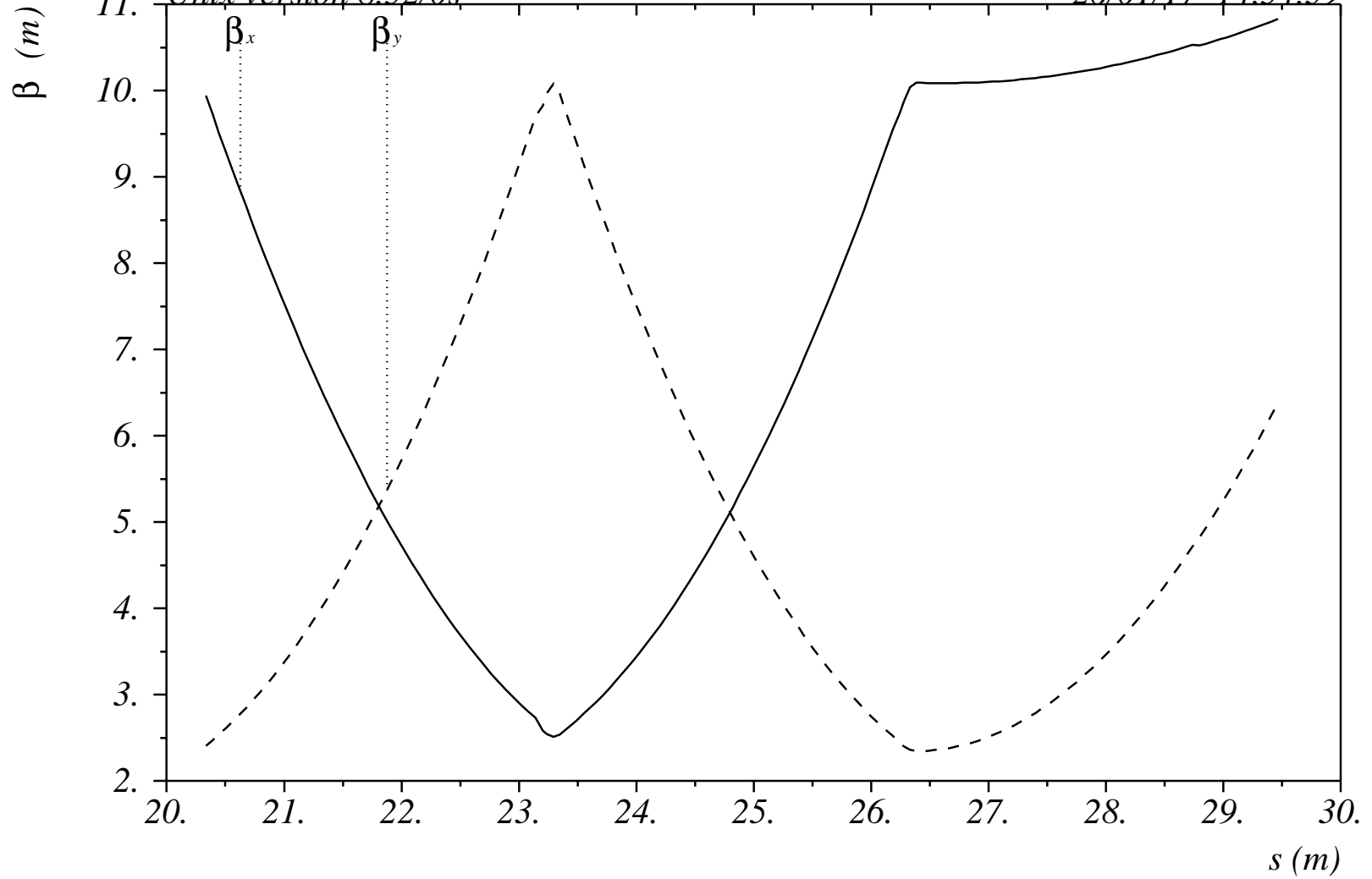
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



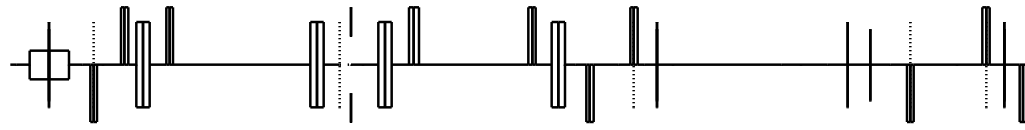
*L1-linac*  
*LCLS: LCLS27JAN17 design*  
*Unix version 8.52/0s*

26/01/17 14.54.39



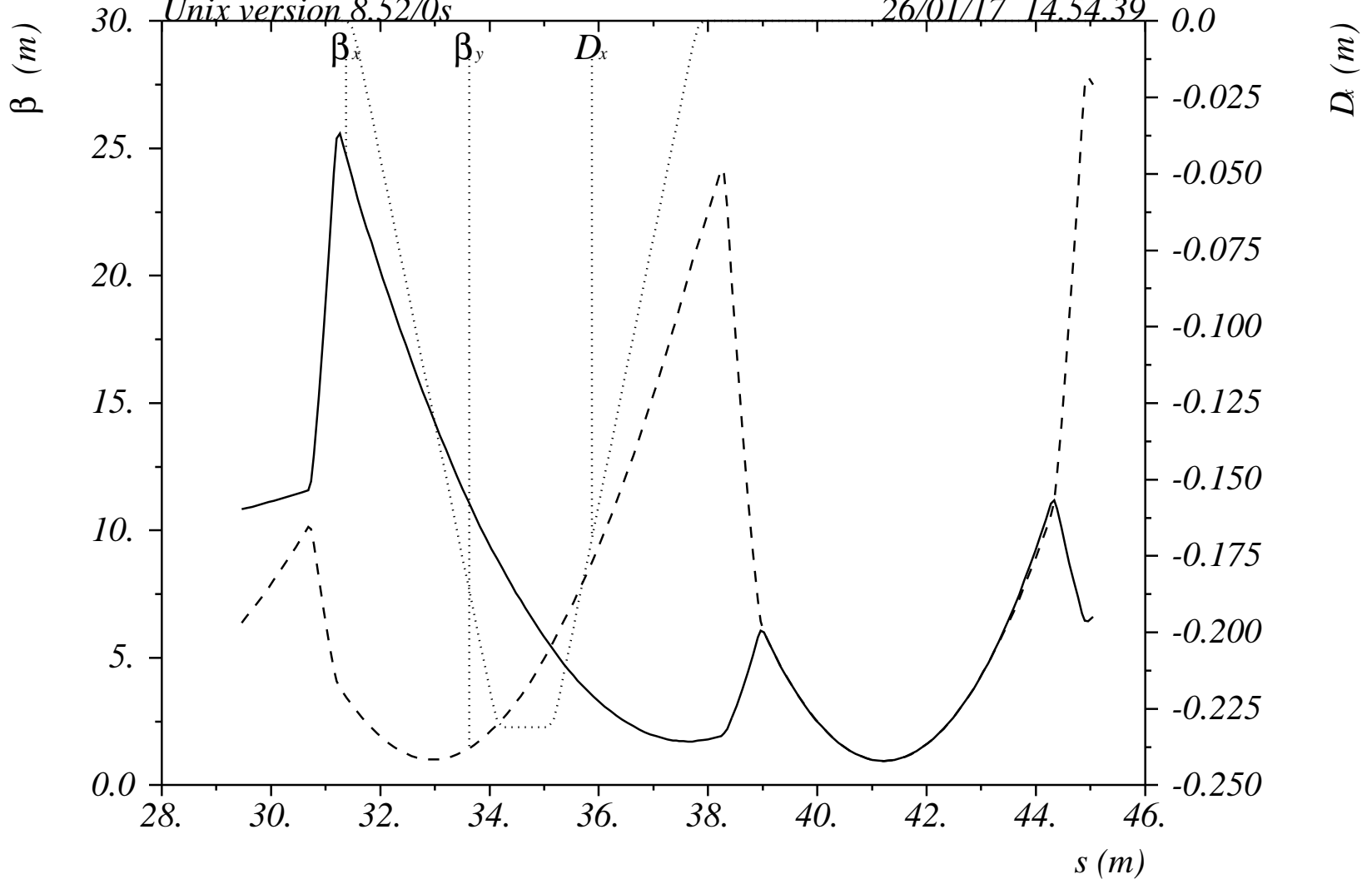
$\delta_E / p_{oc} = 0.$

Table name = TWISS



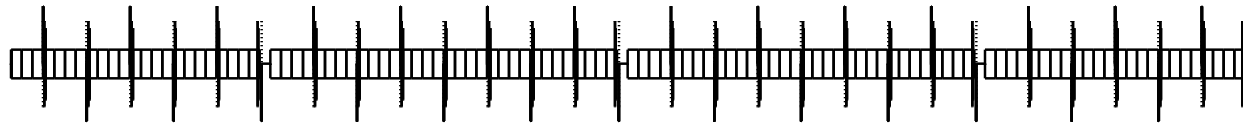
BC1-chicane  
 LCLS: LCLS27JAN17 design  
 Unix version 8.52/0s

26/01/17 14.54.39



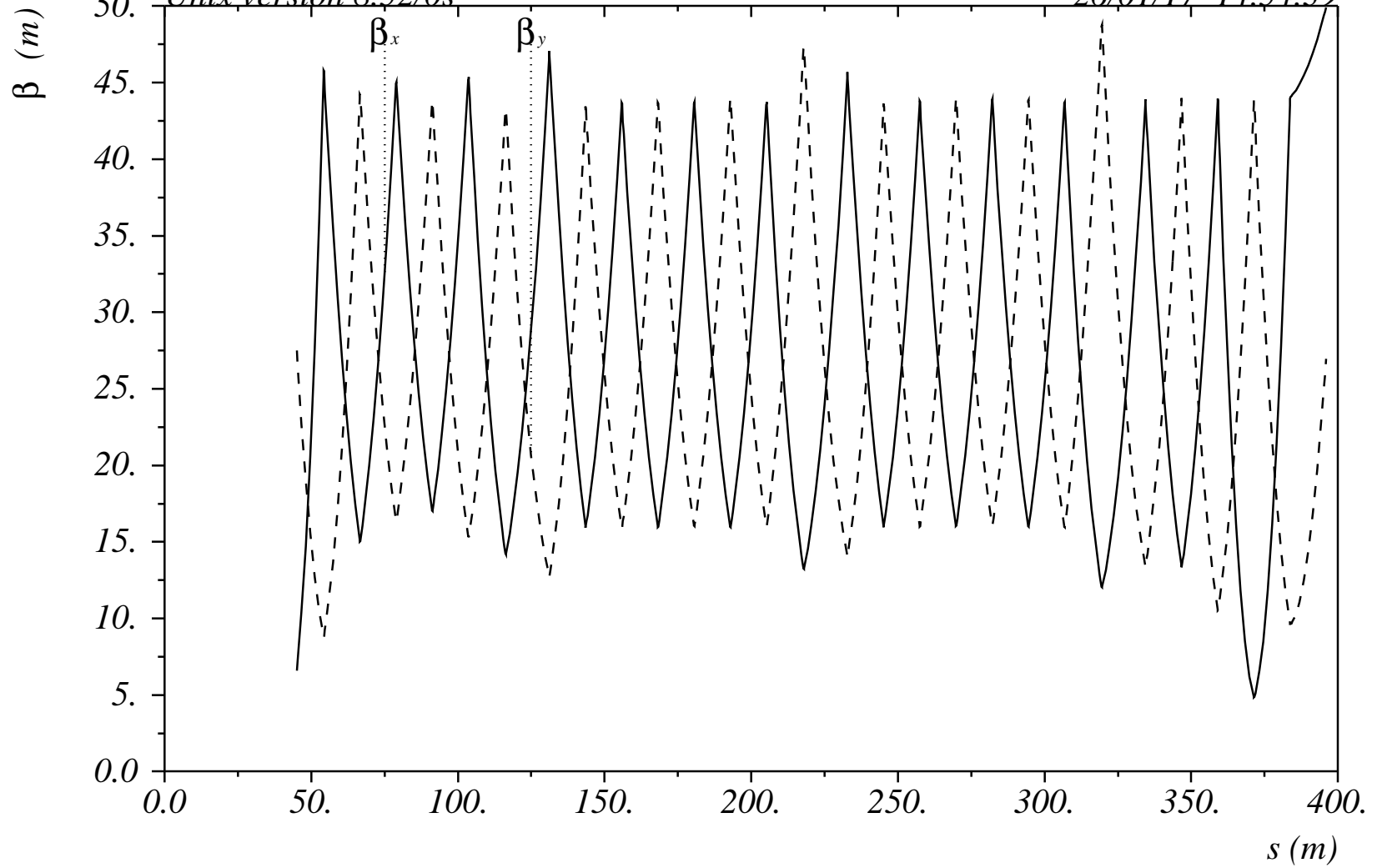
$\delta_E / p_{oc} = 0.$

Table name = TWISS



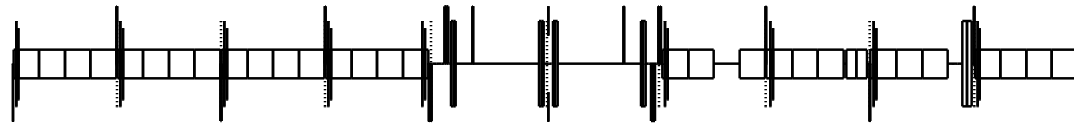
L2-linac  
LCLS: LCLS27JAN17 design  
Unix version 8.52/0s

26/01/17 14.54.39



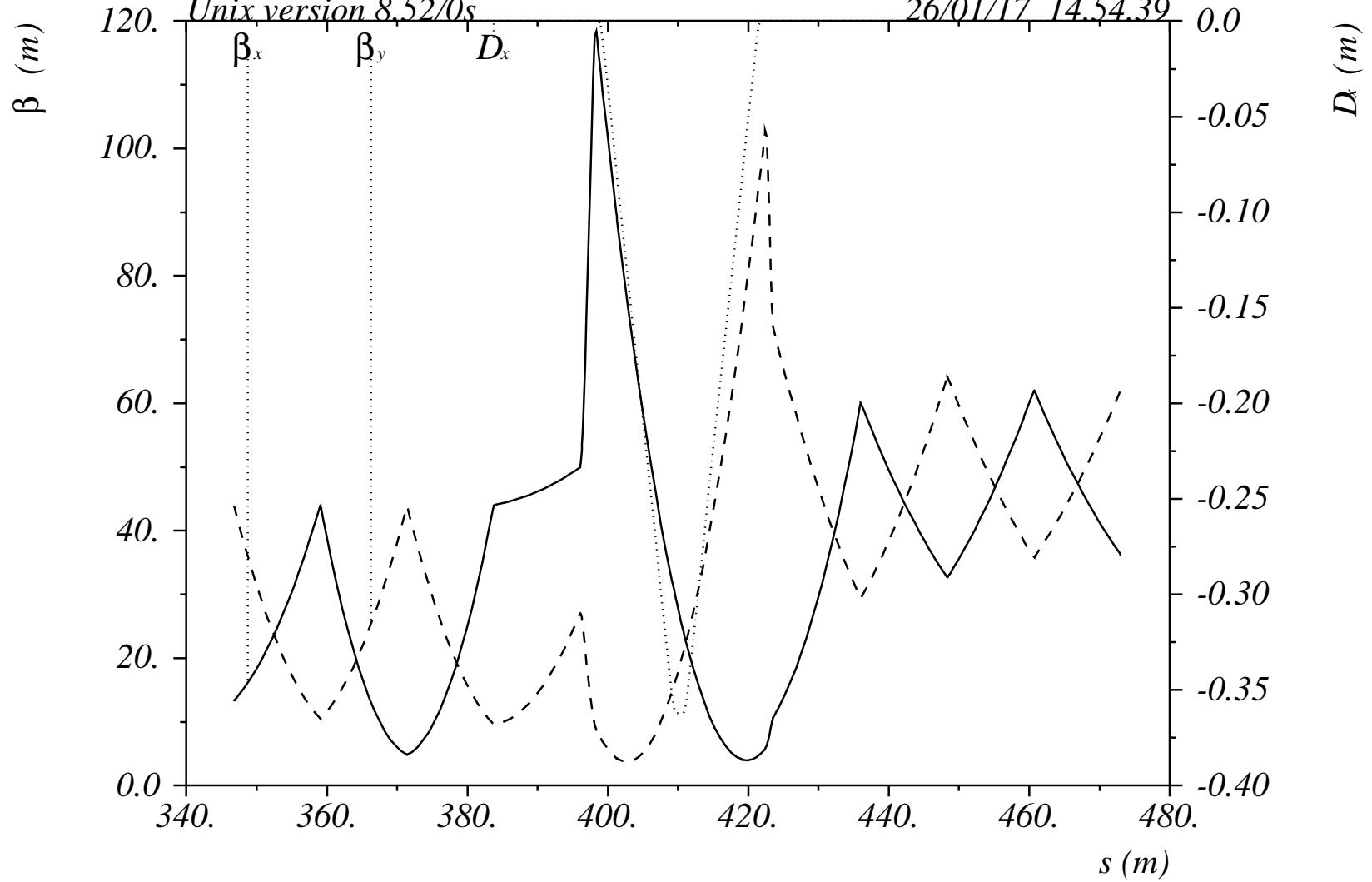
$\delta_E / p_{oc} = 0.$

Table name = TWISS



BC2-chicane  
 LCLS: LCLS27JAN17 design  
 Unix version 8.52/0s

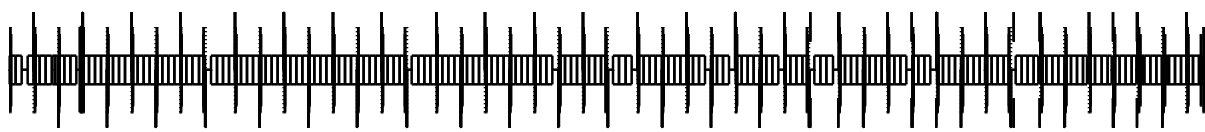
26/01/17 14.54.39



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

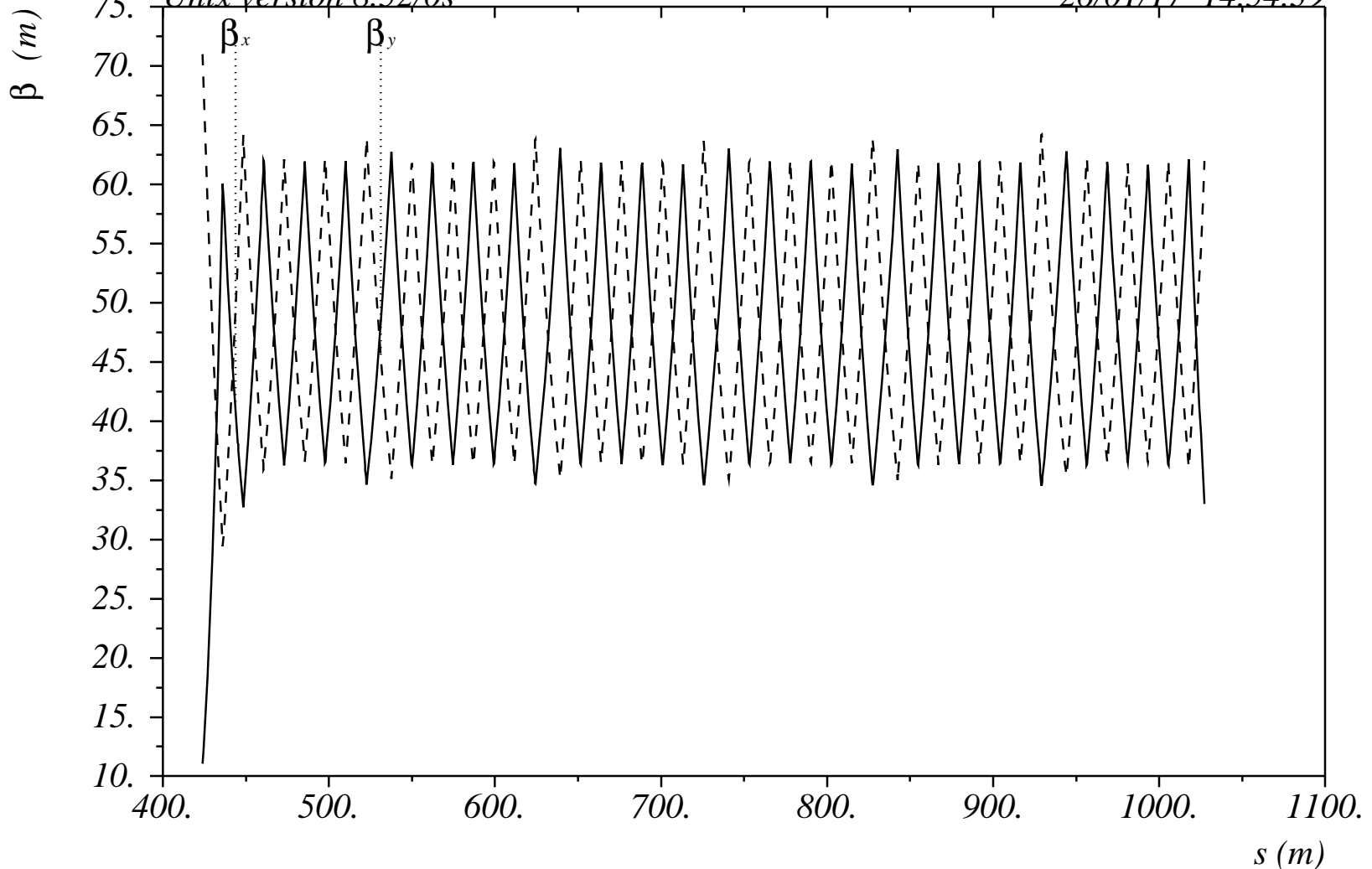
Table name = TWISS





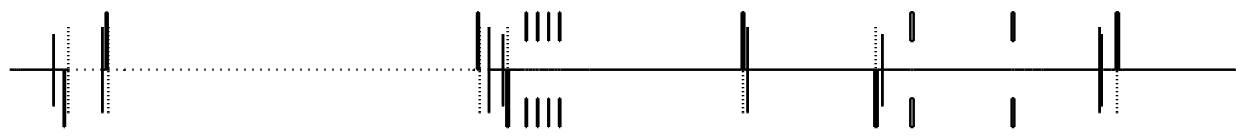
*L3-linac*  
*LCLS: LCLS27JAN17 design*  
*Unix version 8.52/0s*

26/01/17 14.54.39



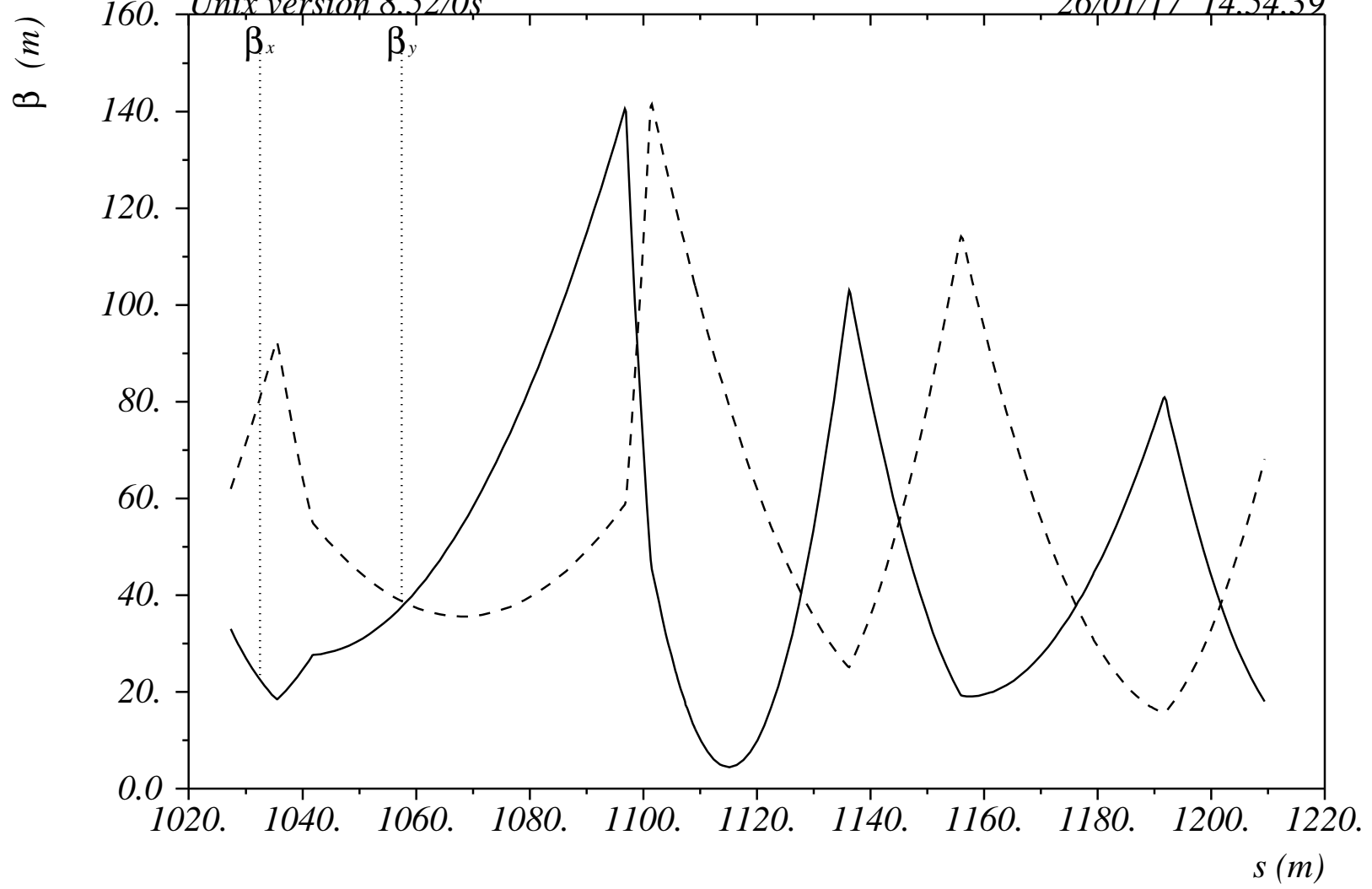
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



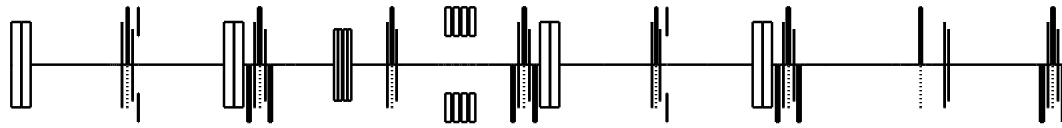
BSY  
 LCLS: LCLS27JAN17 design  
 Unix version 8.52/0s

26/01/17 14.54.39



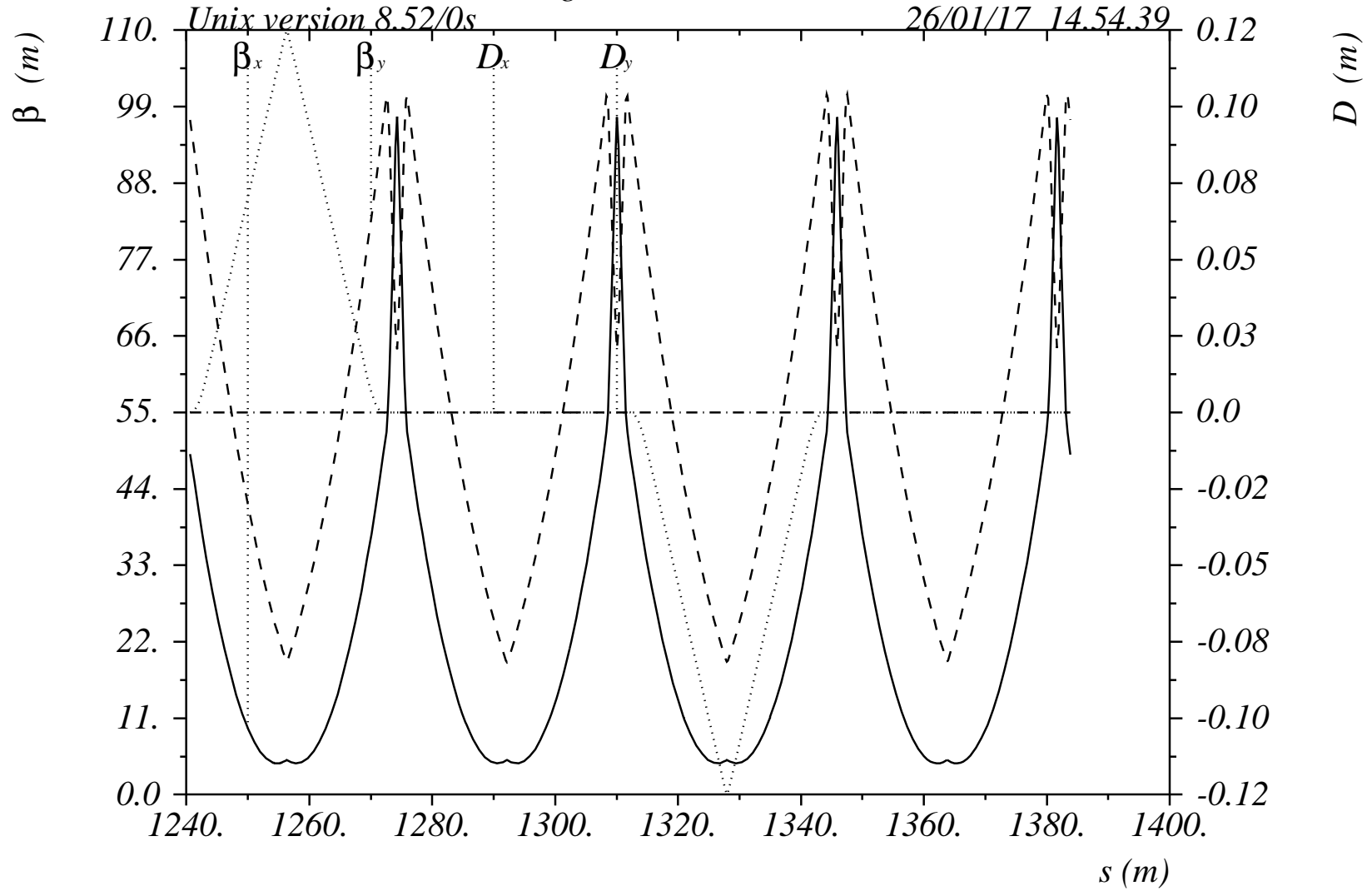
$\delta_E / p_{oc} = 0.$

Table name = TWISS



DL2-dogleg  
 LCLS: LCLS27JAN17 design  
 Unix version 8.52/0s

26/01/17 14.54.39



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

Table name = TWISS

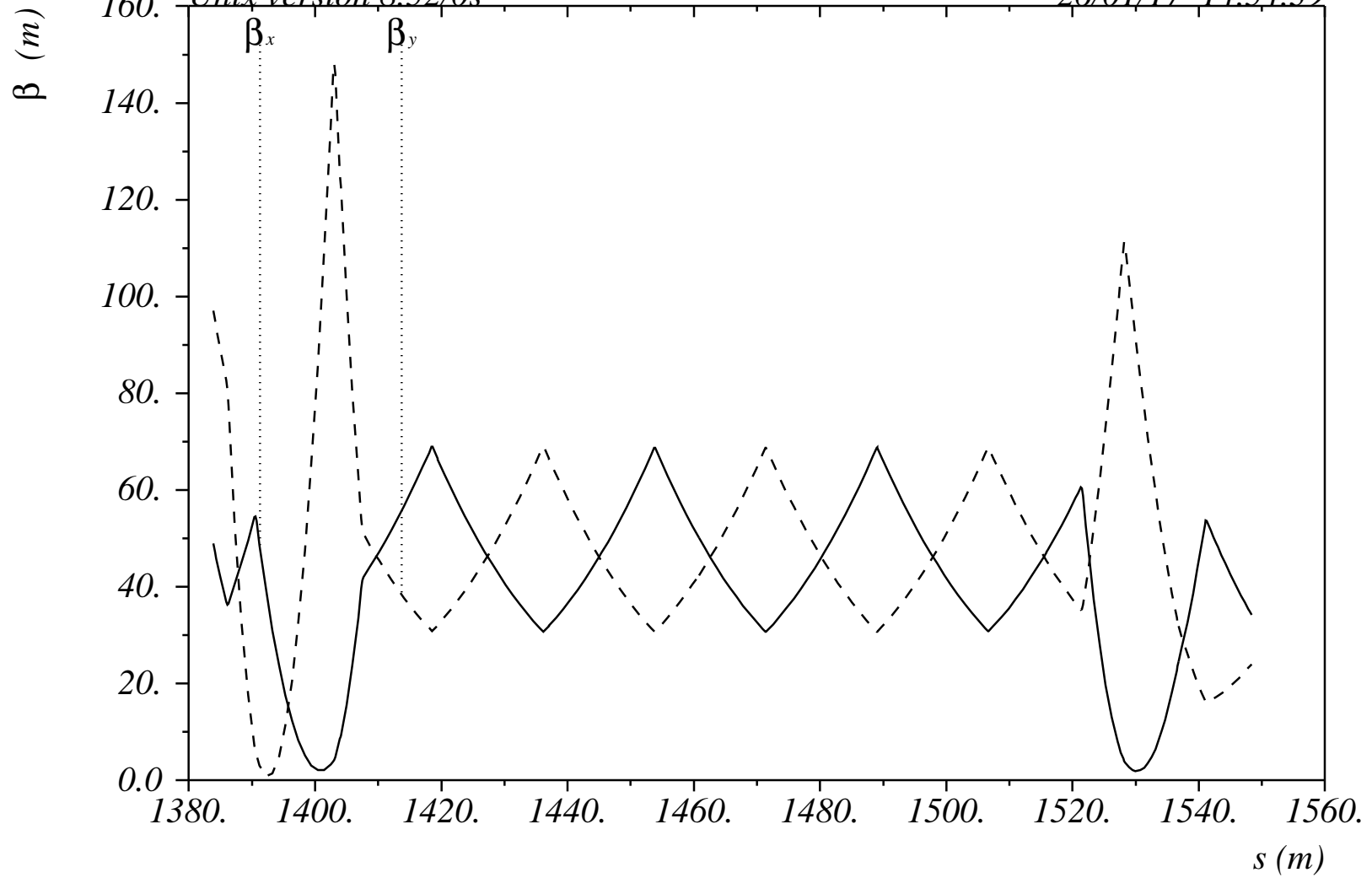


*Undulator emittance diagnostics*

*LCLS: LCLS27JAN17 design*

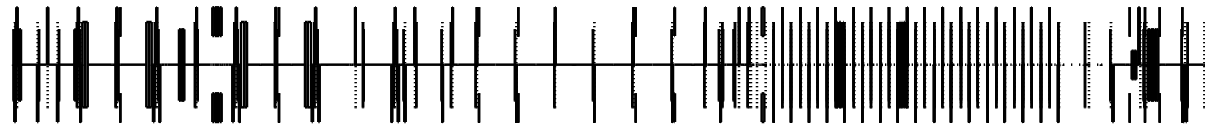
*Unix version 8.52/0s*

*26/01/17 14.54.39*



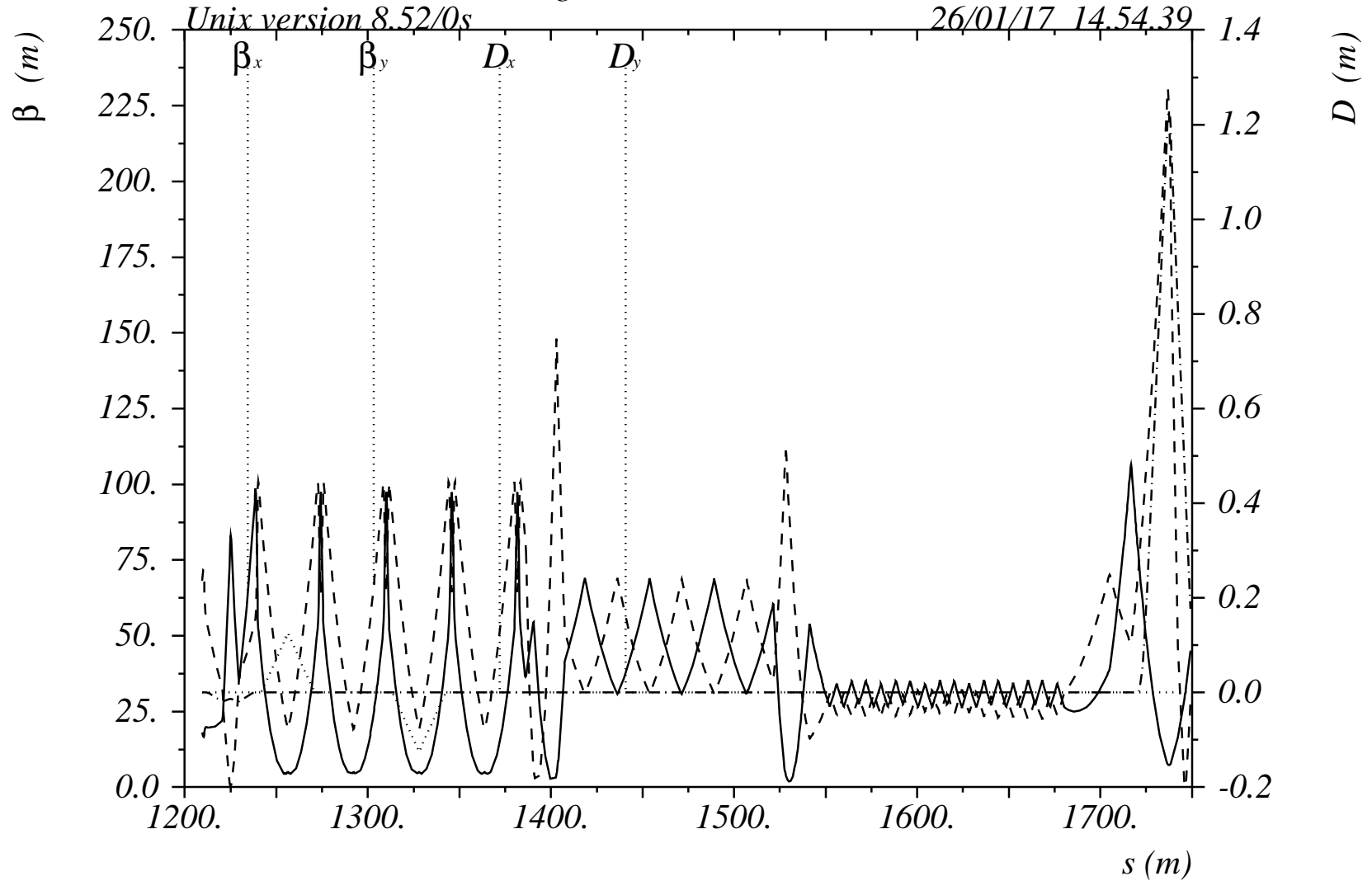
$$\delta_E / p_{oc} = 0.$$

*Table name = TWISS*



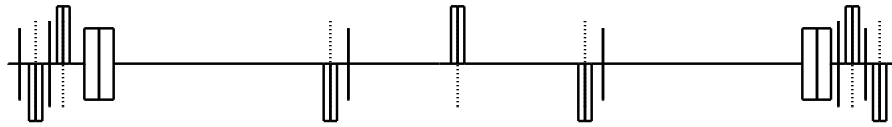
*muon-plug-to-DUMP*  
*LCLS: LCLS27JAN17 design*  
*Unix version 8.52/0s*

*26/01/17 14.54.39*



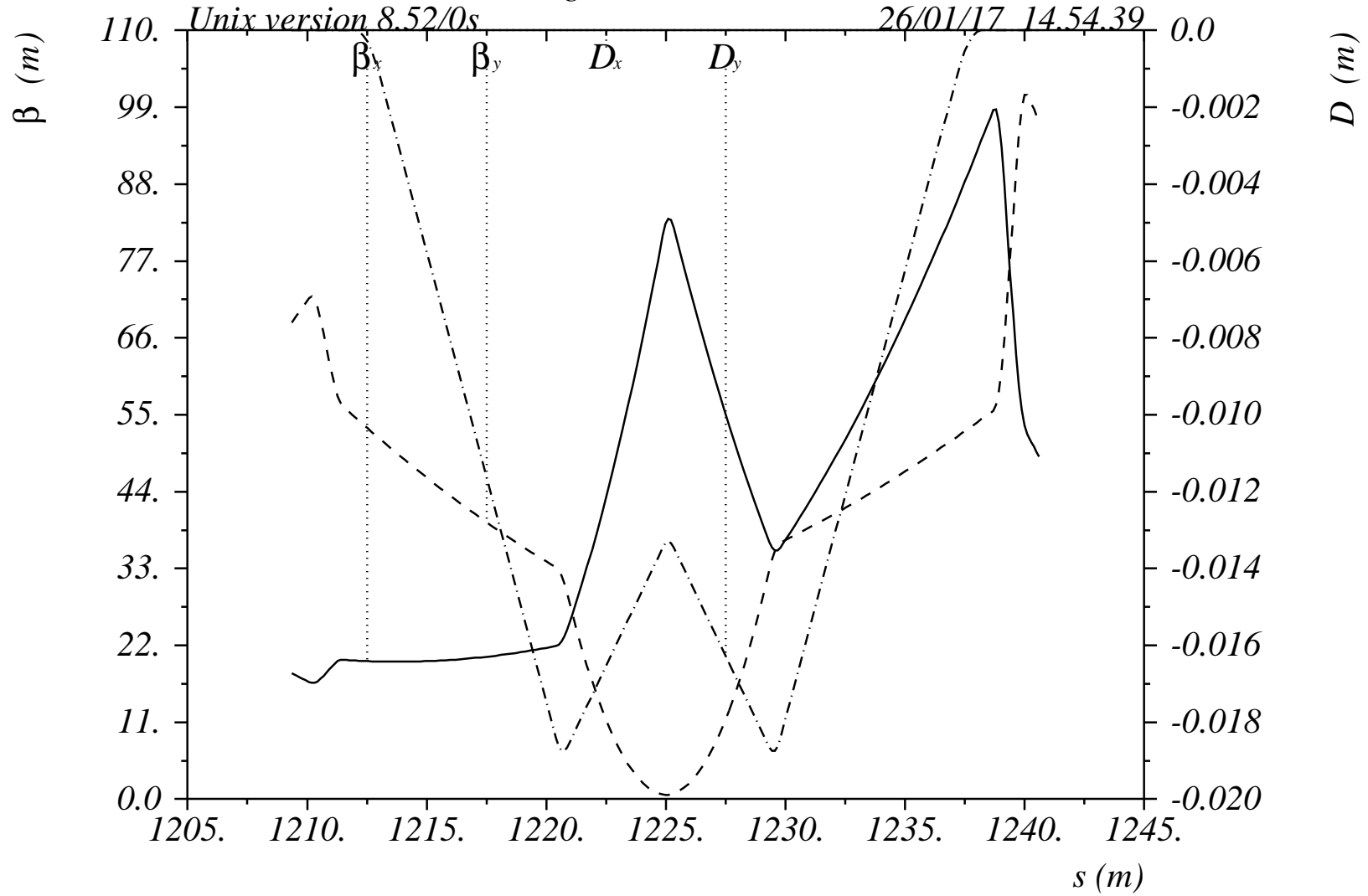
$$\delta_E / p_0 c = 0.$$

*Table name = TWISS*



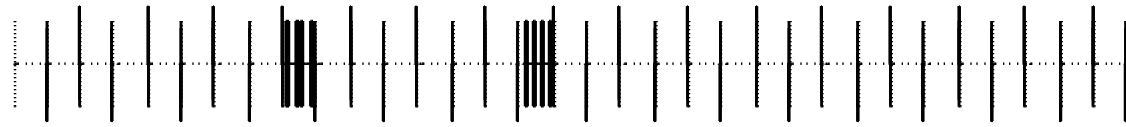
Vertical Bend System  
 LCLS: LCLS27JAN17 design  
 Unix version 8.52/0s

26/01/17 14.54.39



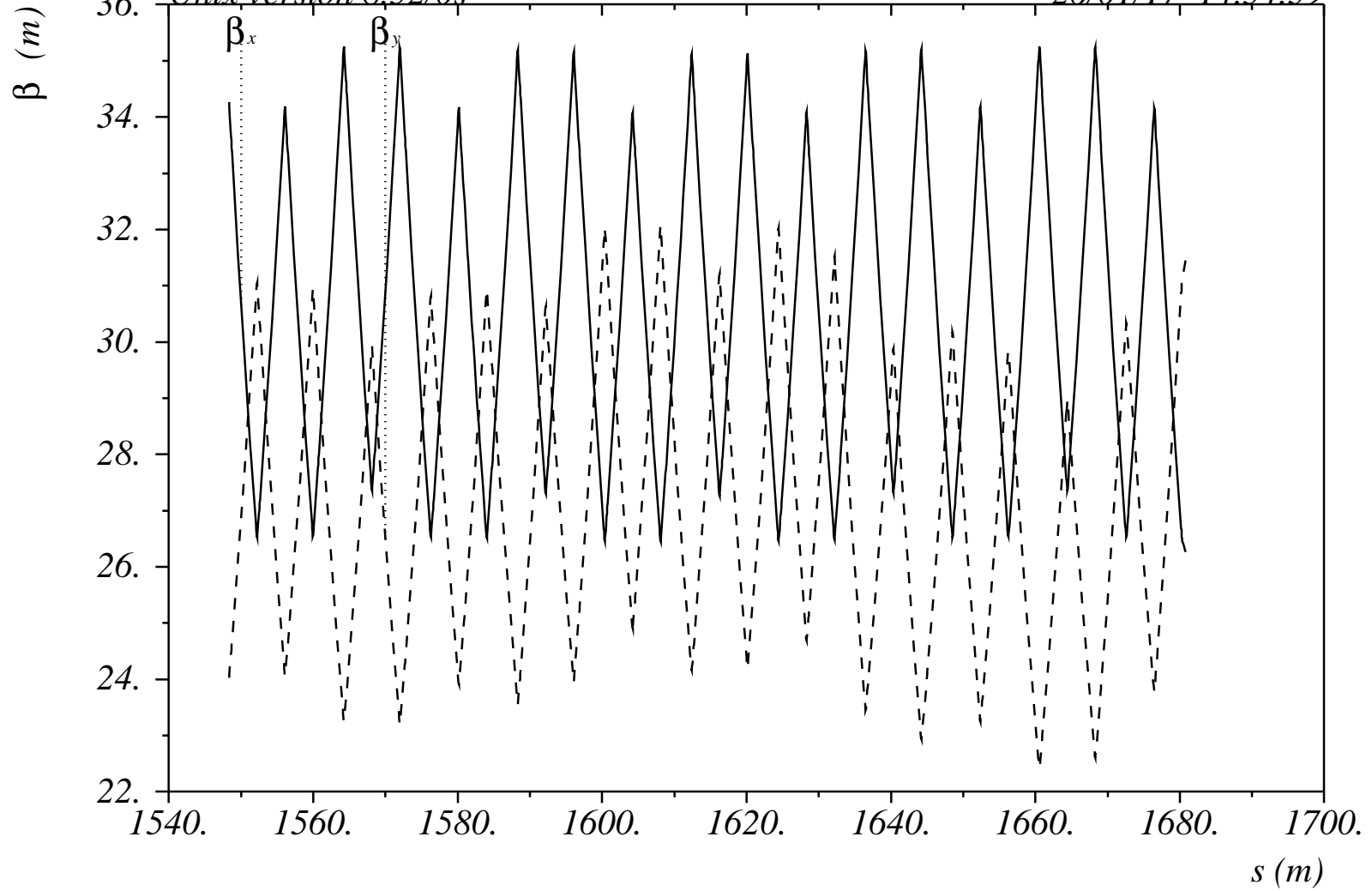
$\delta_E / p_{oc} = 0.$

Table name = TWISS



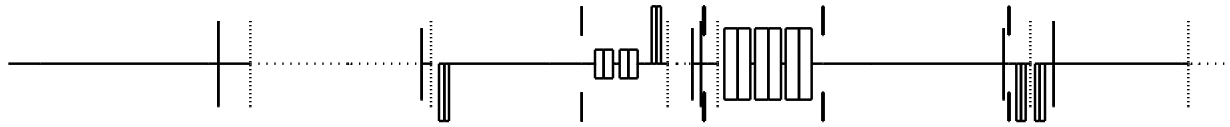
*undulator*  
*LCLS: LCLS27JAN17 design*  
*Unix version 8.52/0s*

*26/01/17 14.54.39*



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

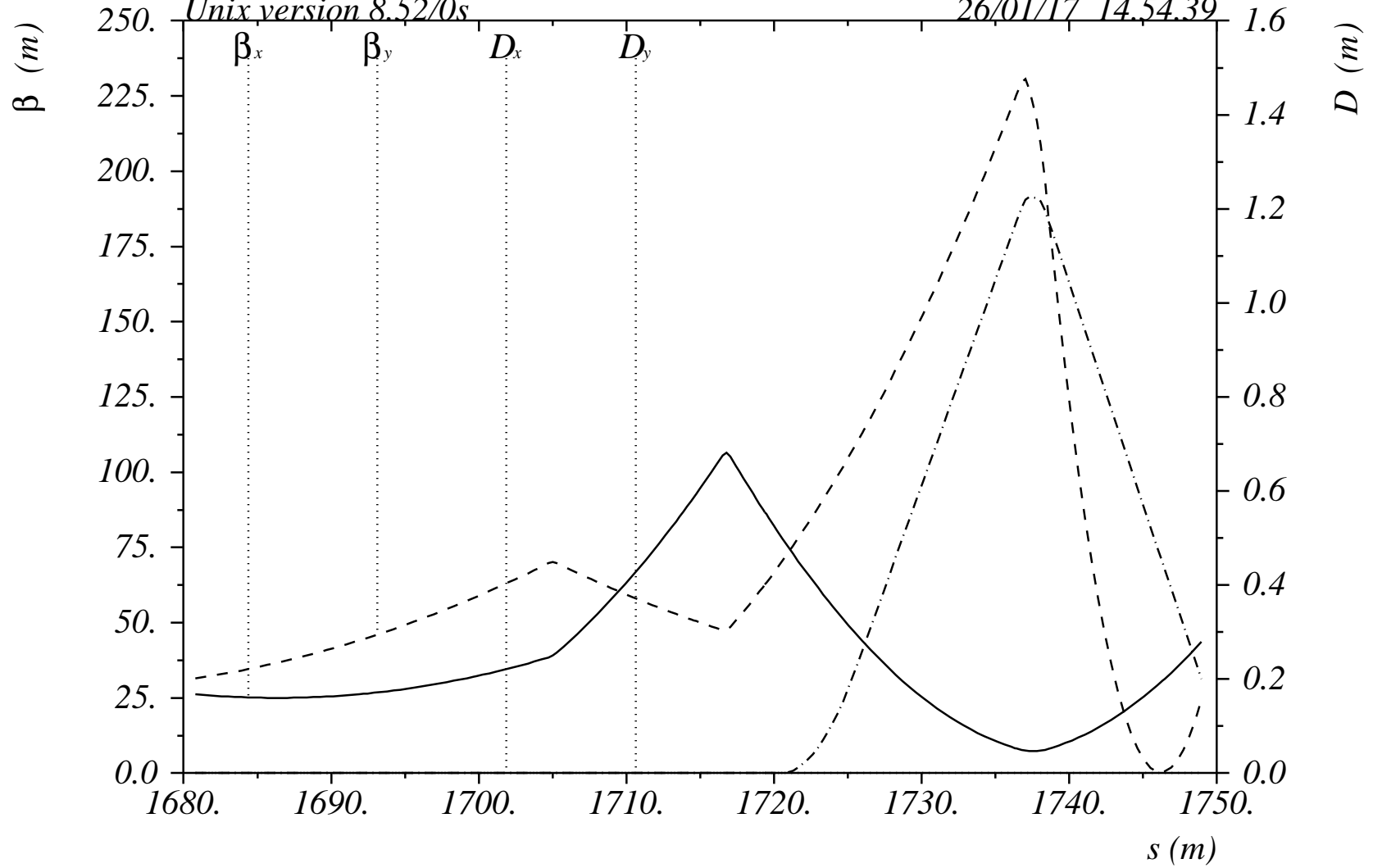
*Table name = TWISS*



*undulator exit and e- dump  
LCLS: LCLS27JAN17 design*

*Unix version 8.52/0s*

*26/01/17 14.54.39*



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

*Table name = TWISS*