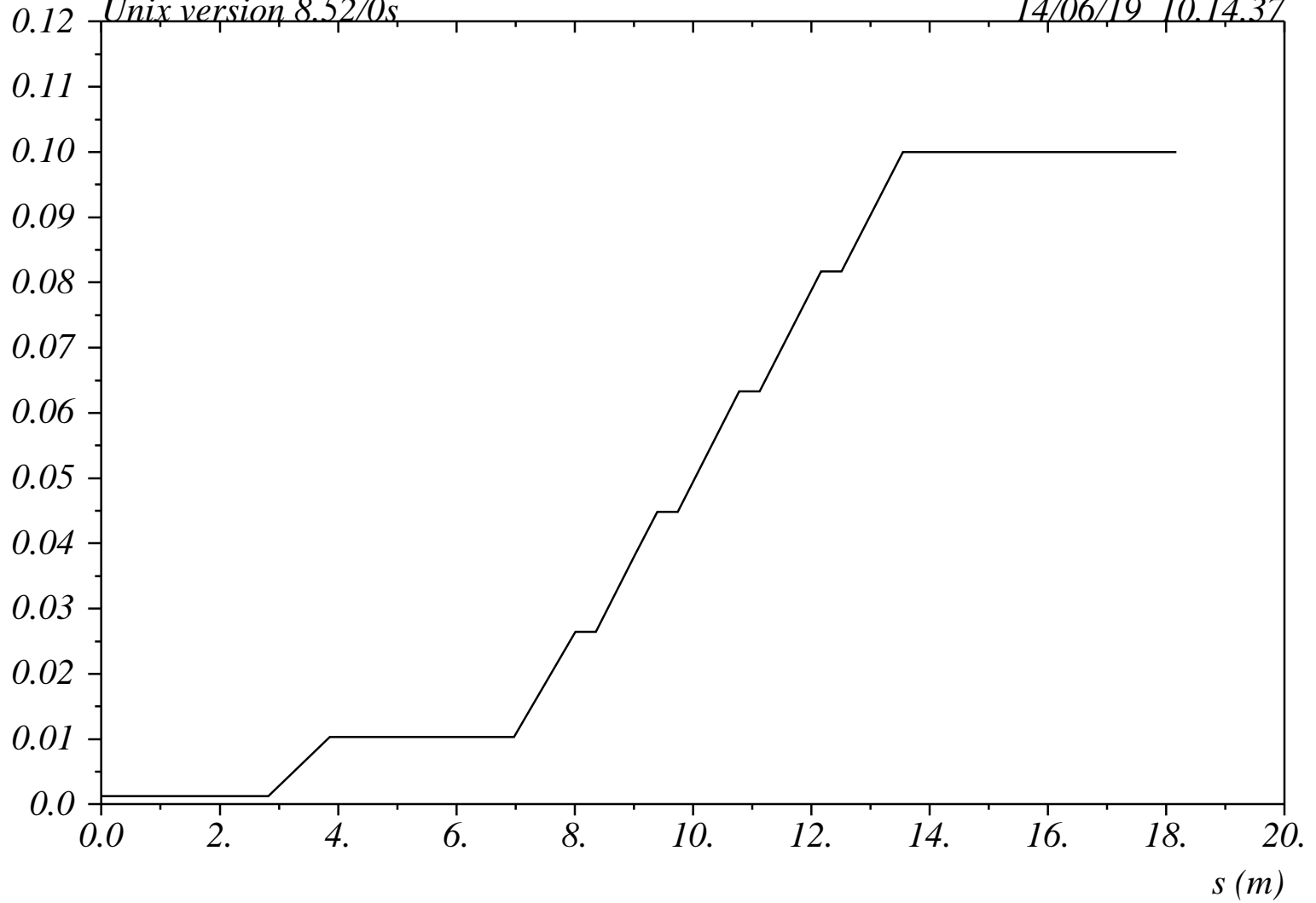


GUNB + LOB
LCLS2scHE (June 13, 2019)

Unix version 8.52/0s

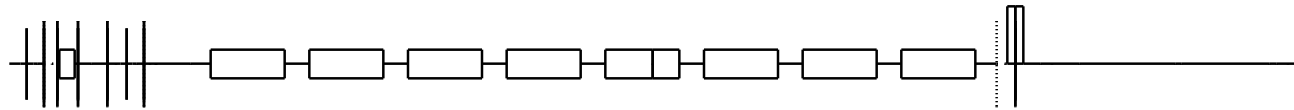
14/06/19 10.14.37

E[GeV]

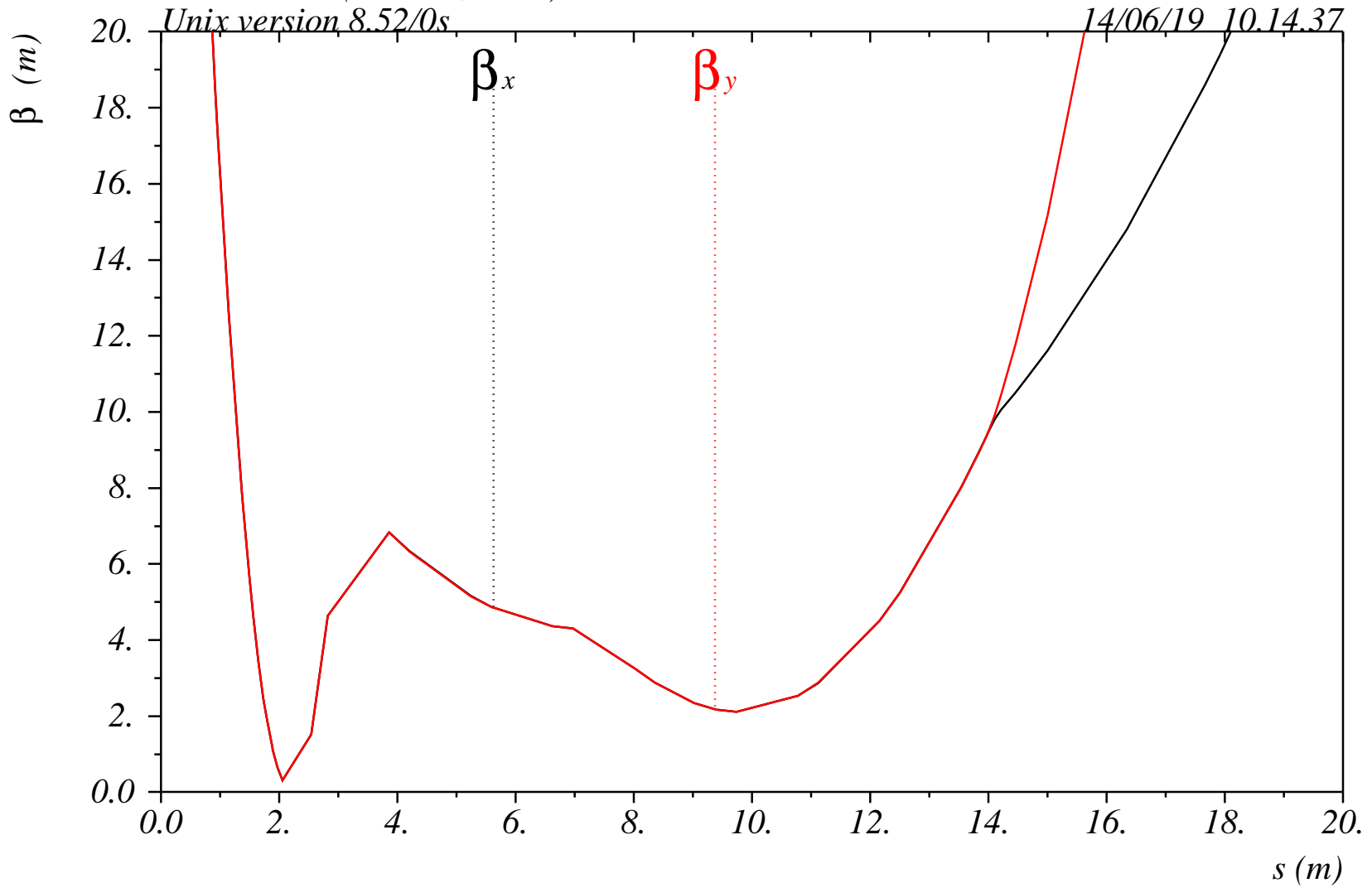


$\delta_E / p_0 c = 0.$

Table name = TWISS

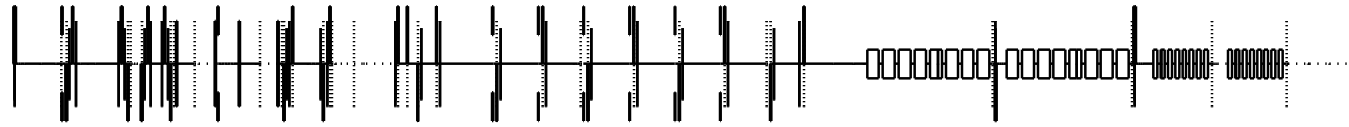


GUNB + LOB
 LCLS2scHE (June 13, 2019)
 Unix version 8.52/0s



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

Table name = TWISS

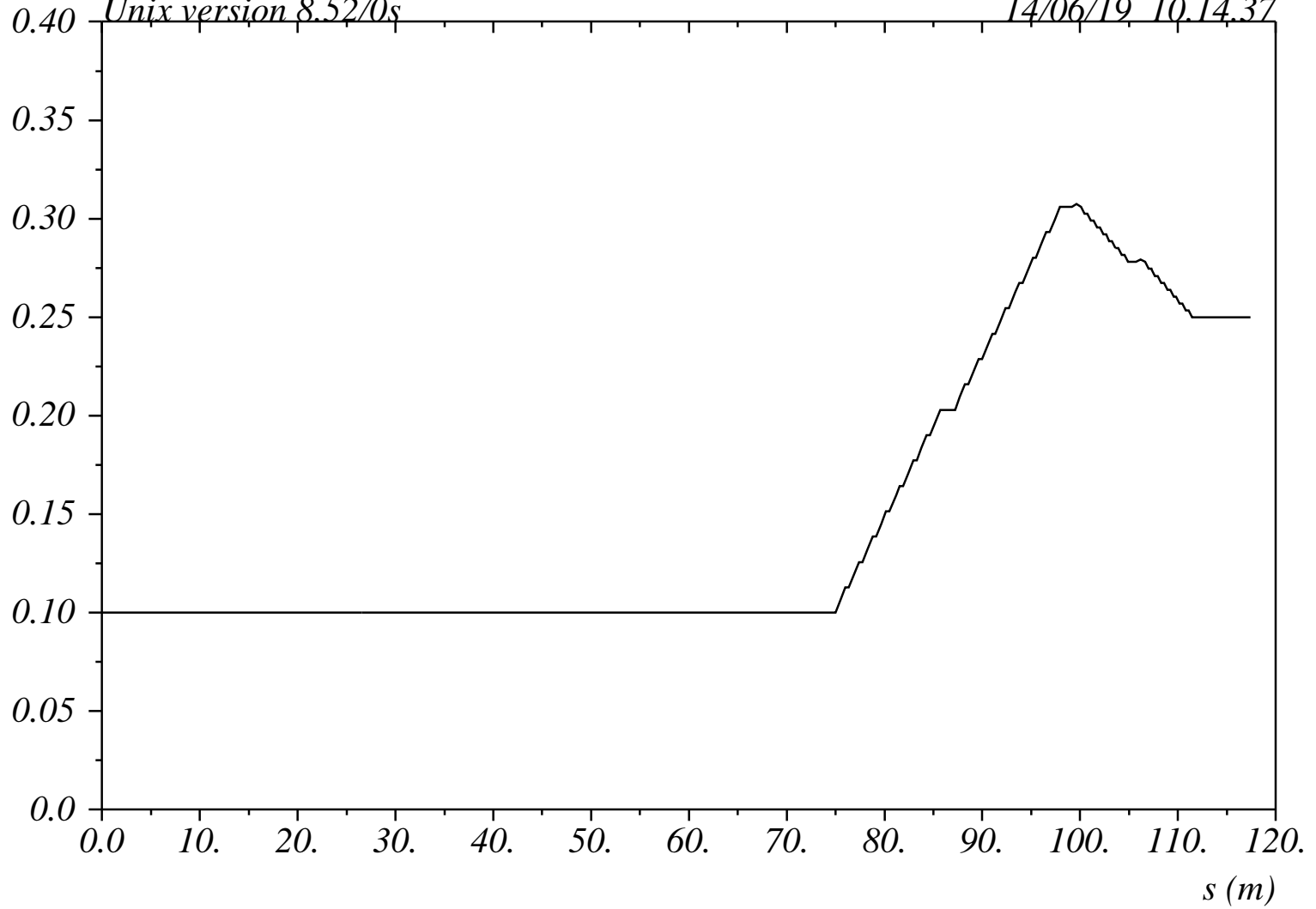


*Laser Heater + Coll0 + L1B
LCLS2scHE (June 13, 2019)*

Unix version 8.52/0s

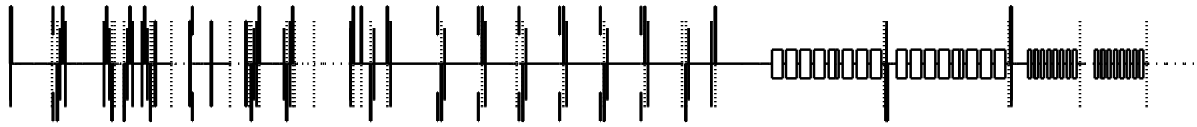
14/06/19 10.14.37

E[GeV]



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

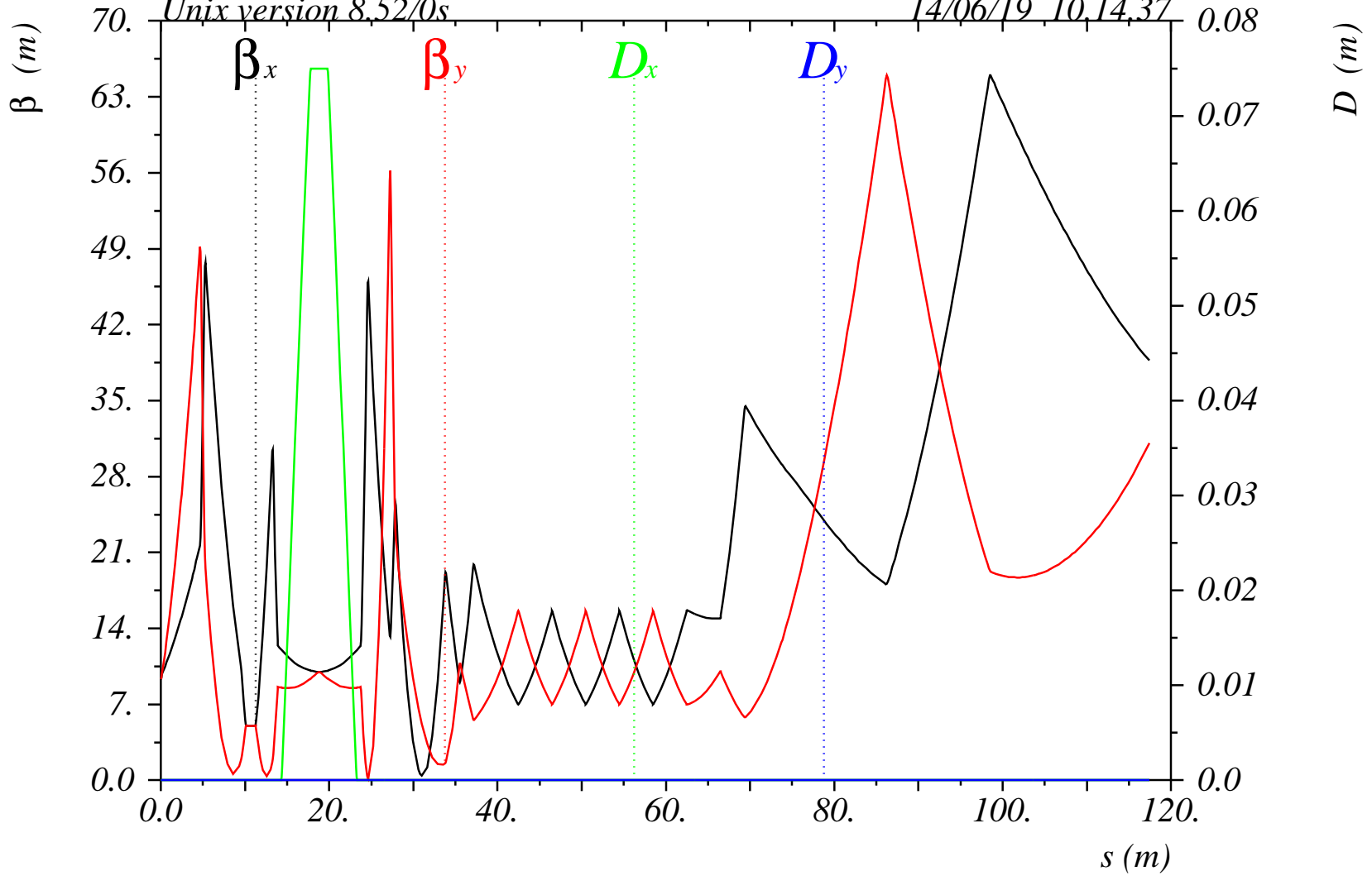
Table name = TWISS



Laser Heater + Coll0 + L1B
 LCLS2scHE (June 13, 2019)

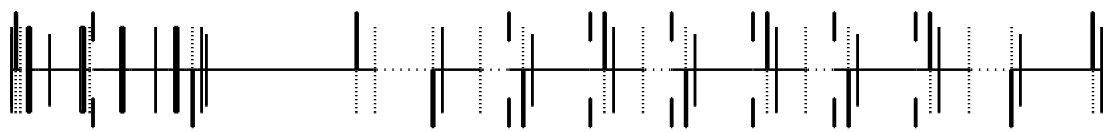
Unix version 8.52/0s

14/06/19 10.14.37



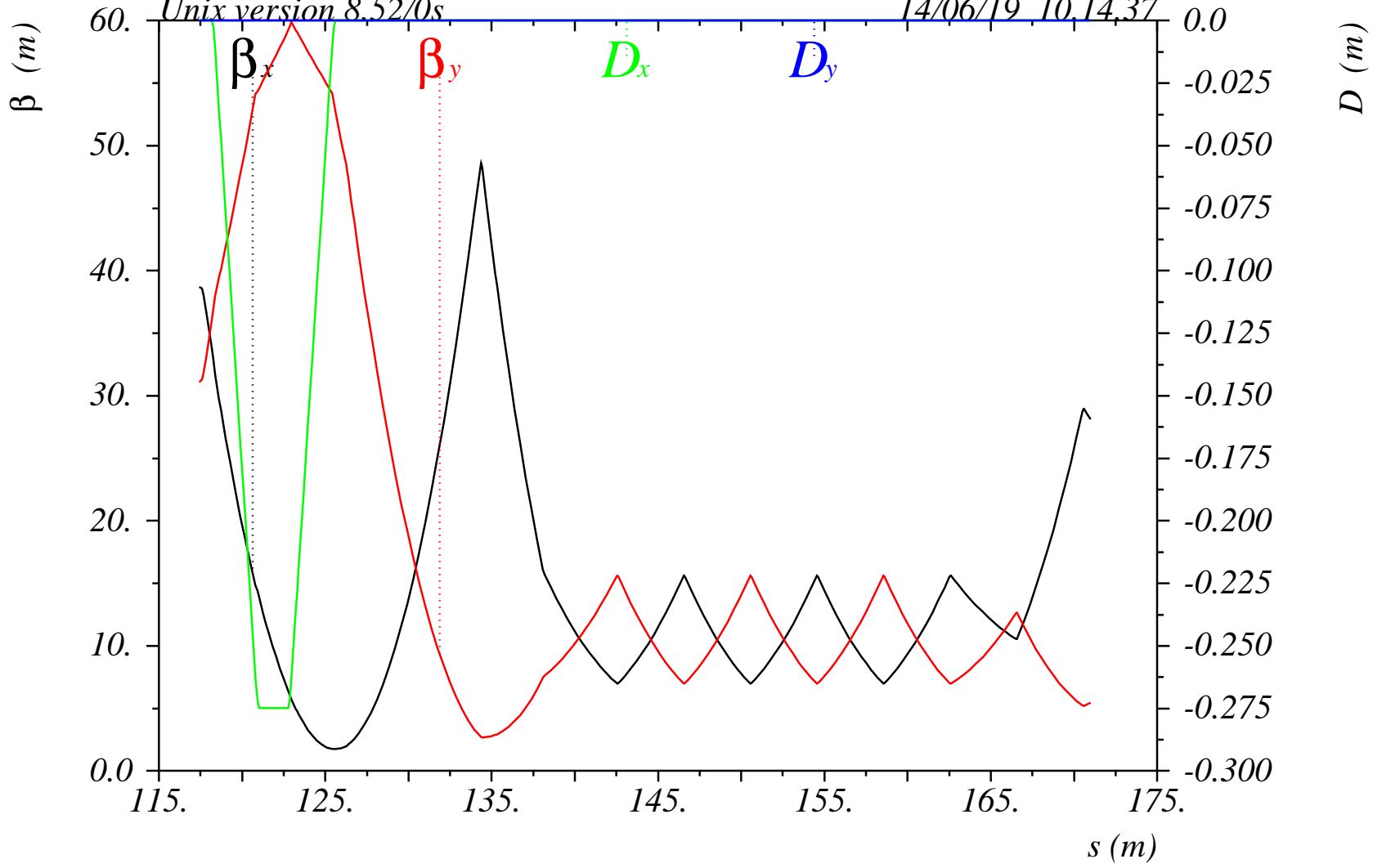
$$\delta_E / p_{0c} = 0.$$

Table name = TWISS



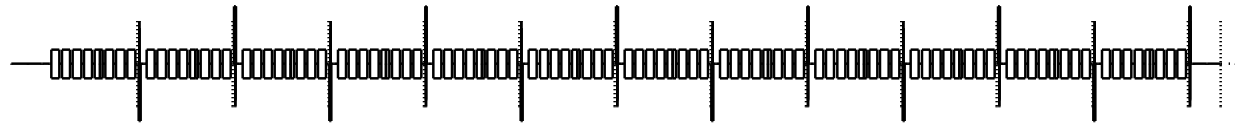
BC1B + Coll1
 LCLS2scHE (June 13, 2019)
 Unix version 8.52/0s

14/06/19 10.14.37



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

Table name = TWISS

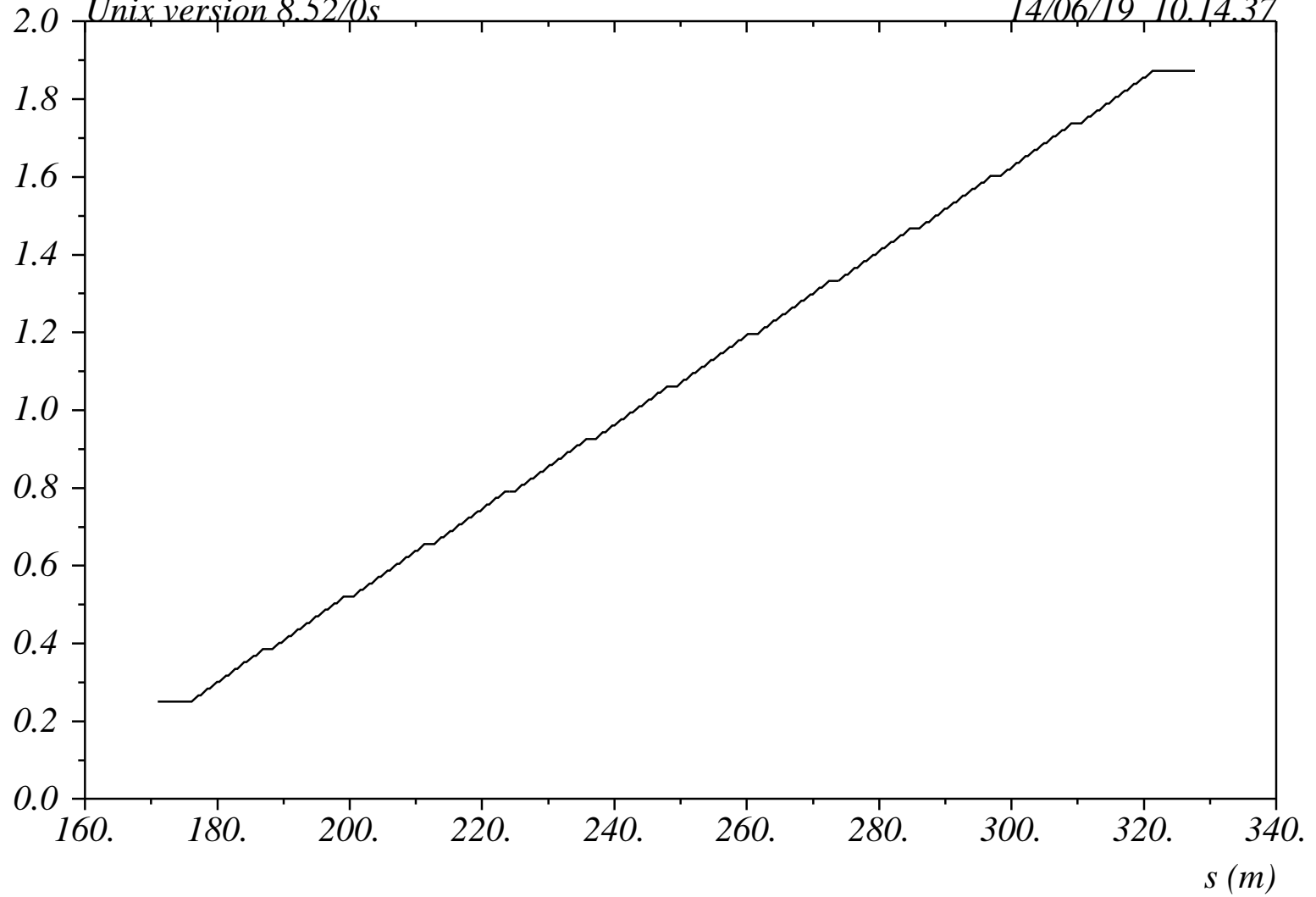


L2B
LCLS2scHE (June 13, 2019)

Unix version 8.52/0s

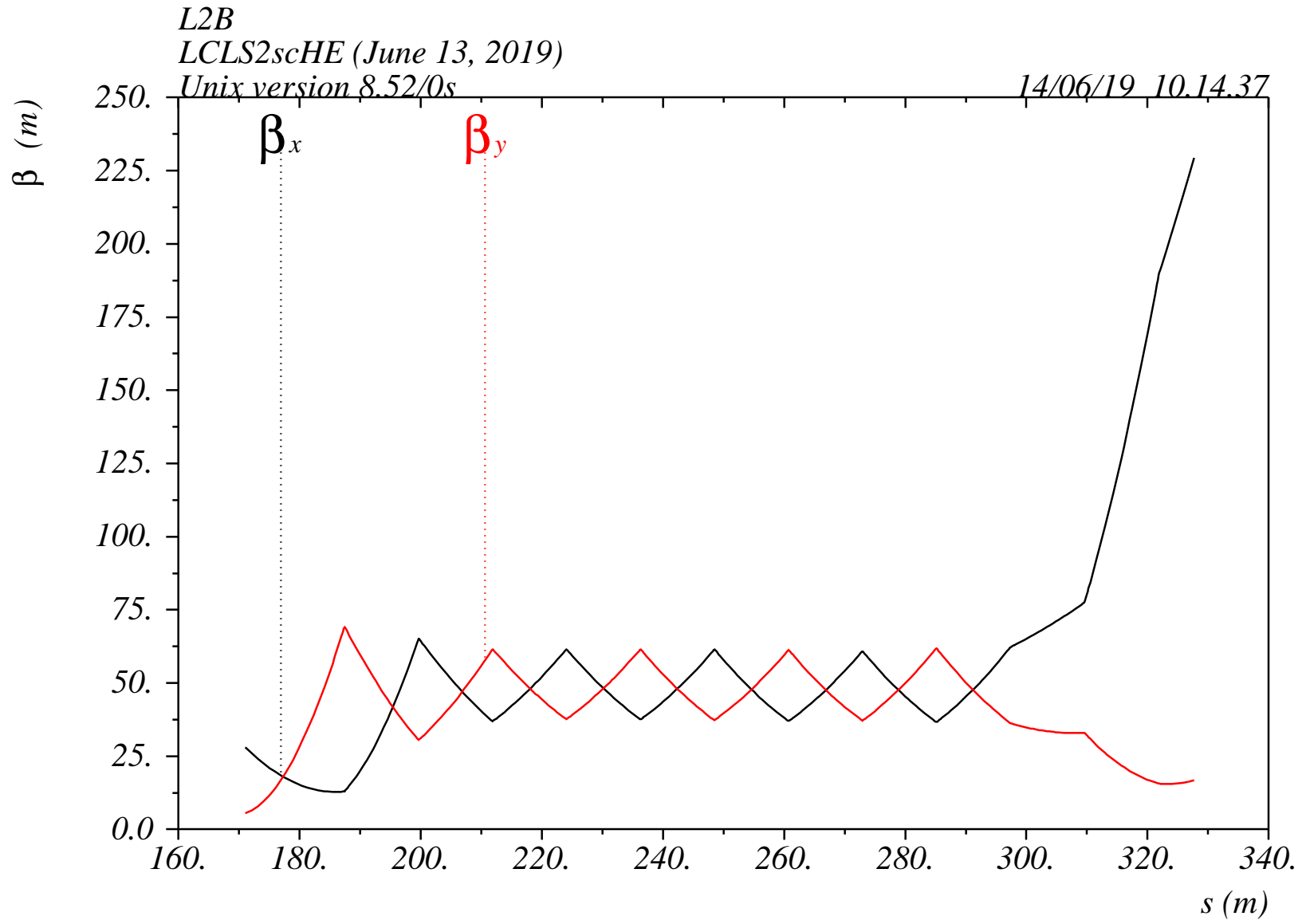
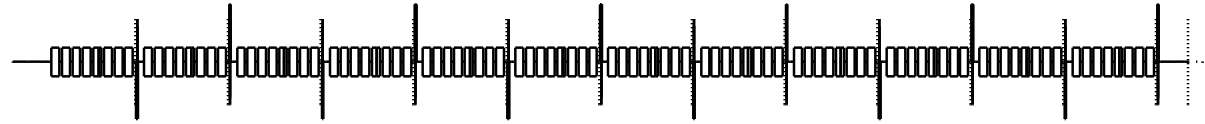
14/06/19 10.14.37

$E[\text{GeV}]$



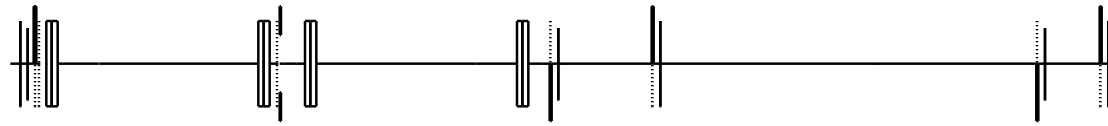
$\delta_E / p_{oc} = 0.$

Table name = TWISS



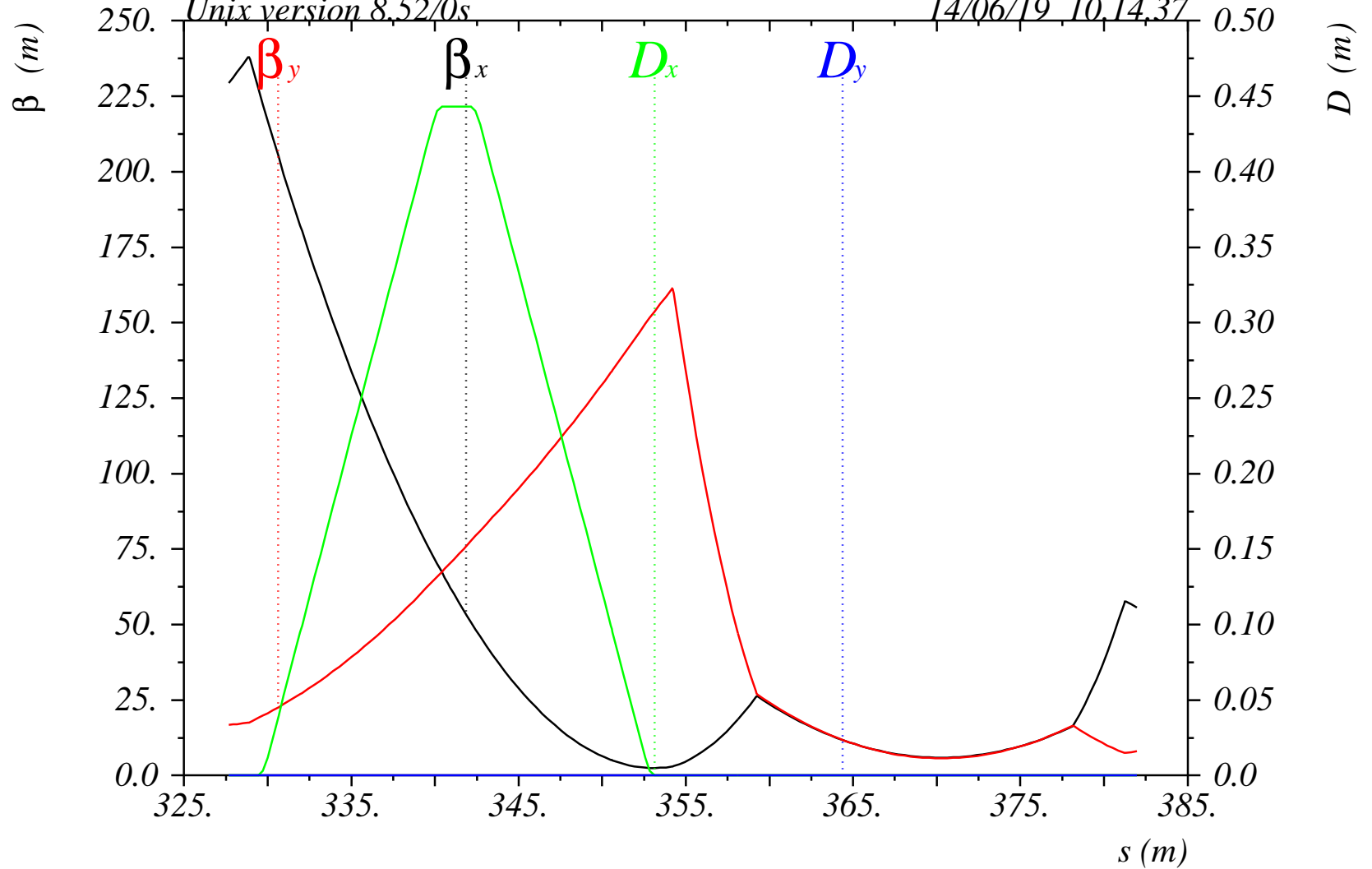
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



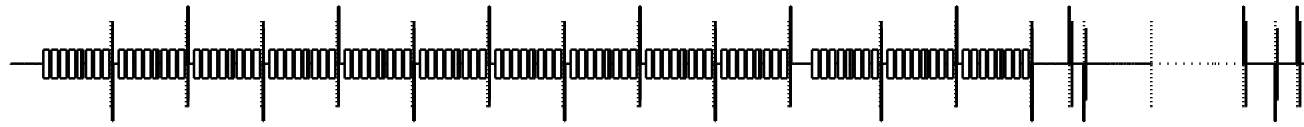
BC2B + Emit2
 LCLS2scHE (June 13, 2019)
 Unix version 8.52/0s

14/06/19 10:14:37



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

Table name = TWISS

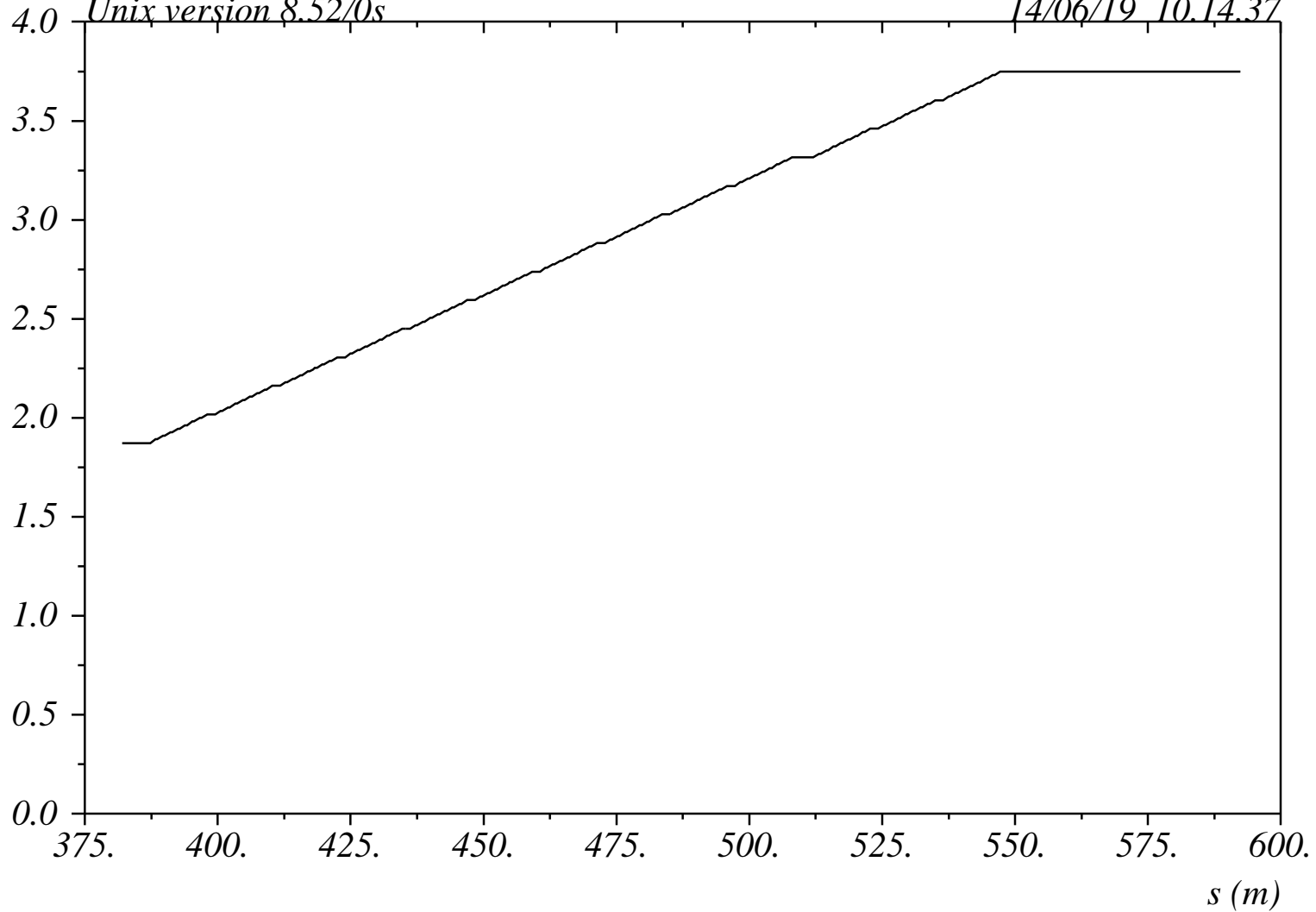


*L3B + Low-energy Extraction
LCLS2scHE (June 13, 2019)*

Unix version 8.52/0s

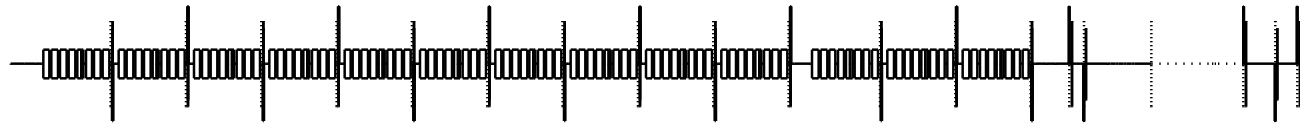
14/06/19 10.14.37

E[GeV]



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

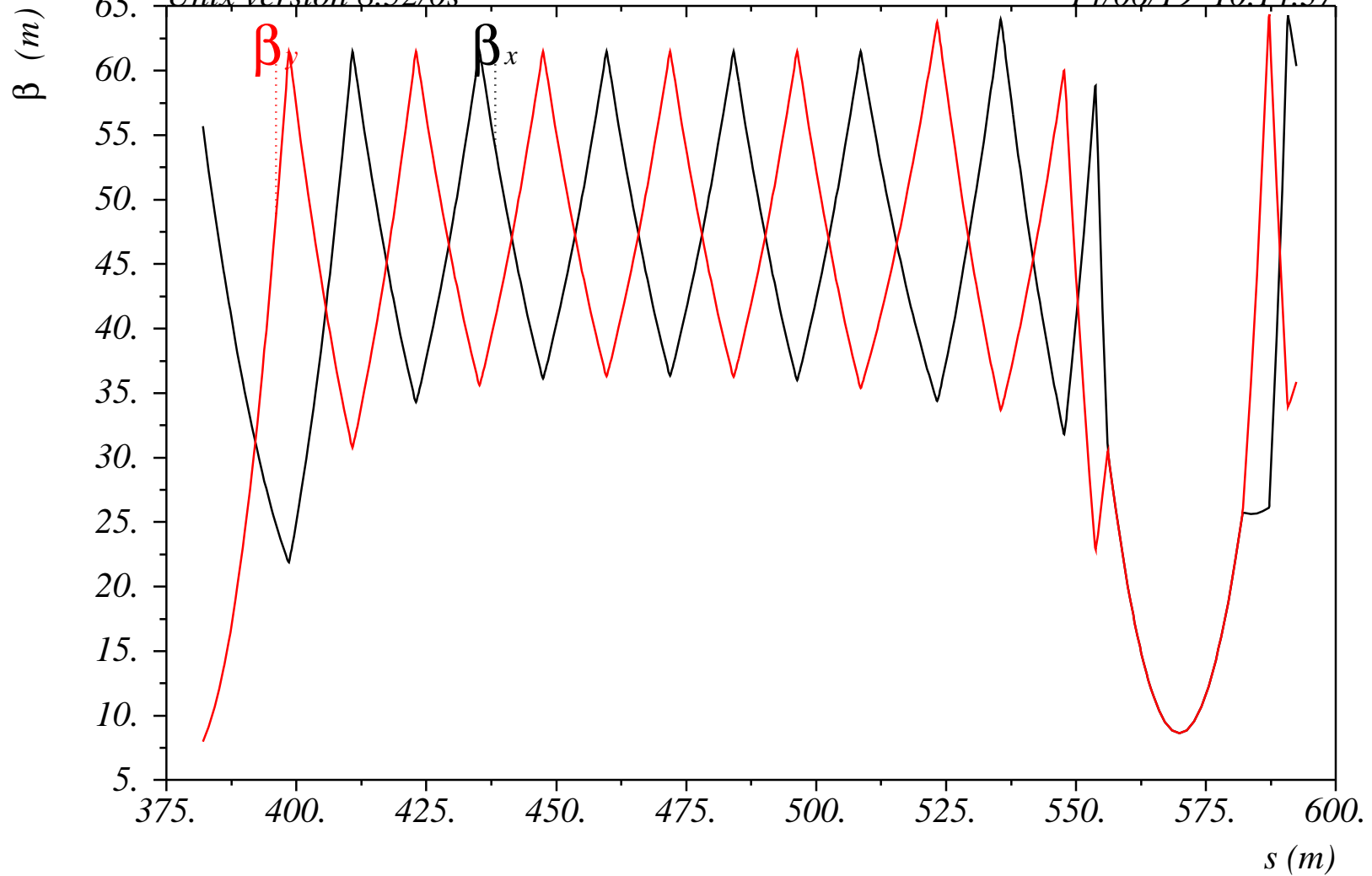
Table name = TWISS



*L3B + Low-energy Extraction
LCLS2scHE (June 13, 2019)*

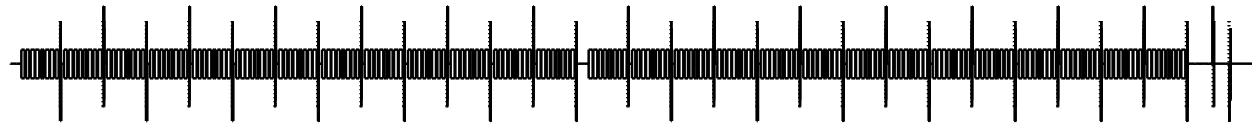
Unix version 8.52/0s

14/06/19 10.14.37



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

Table name = TWISS

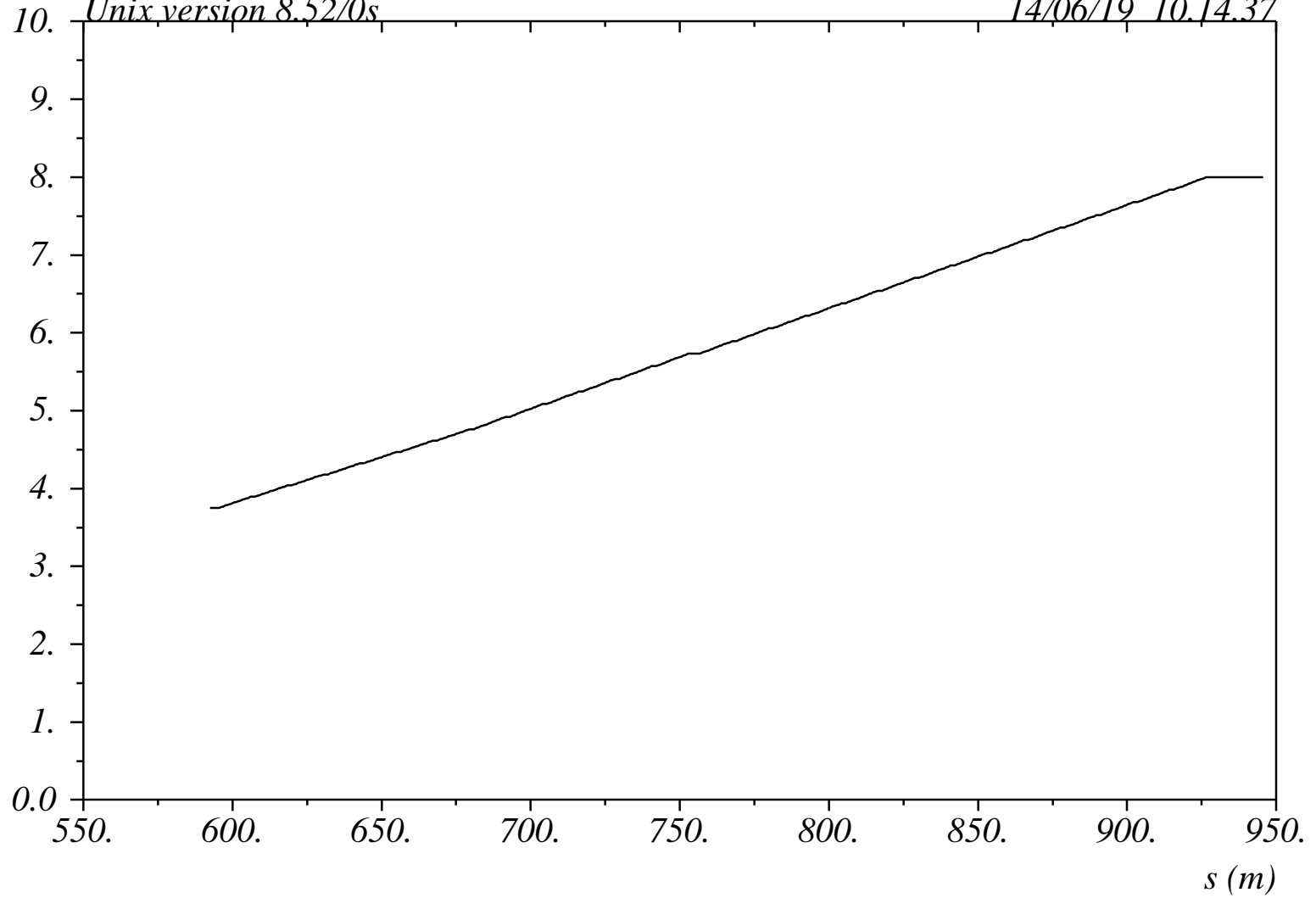


L4B + Extension
LCLS2scHE (June 13, 2019)

Unix version 8.52/0s

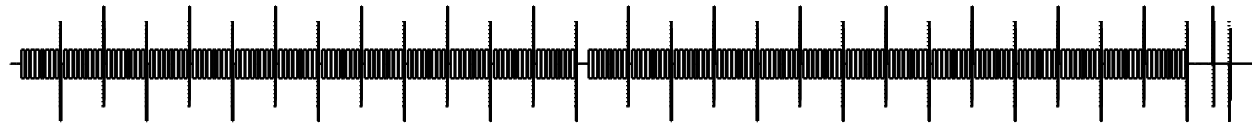
14/06/19 10.14.37

E[GeV]



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

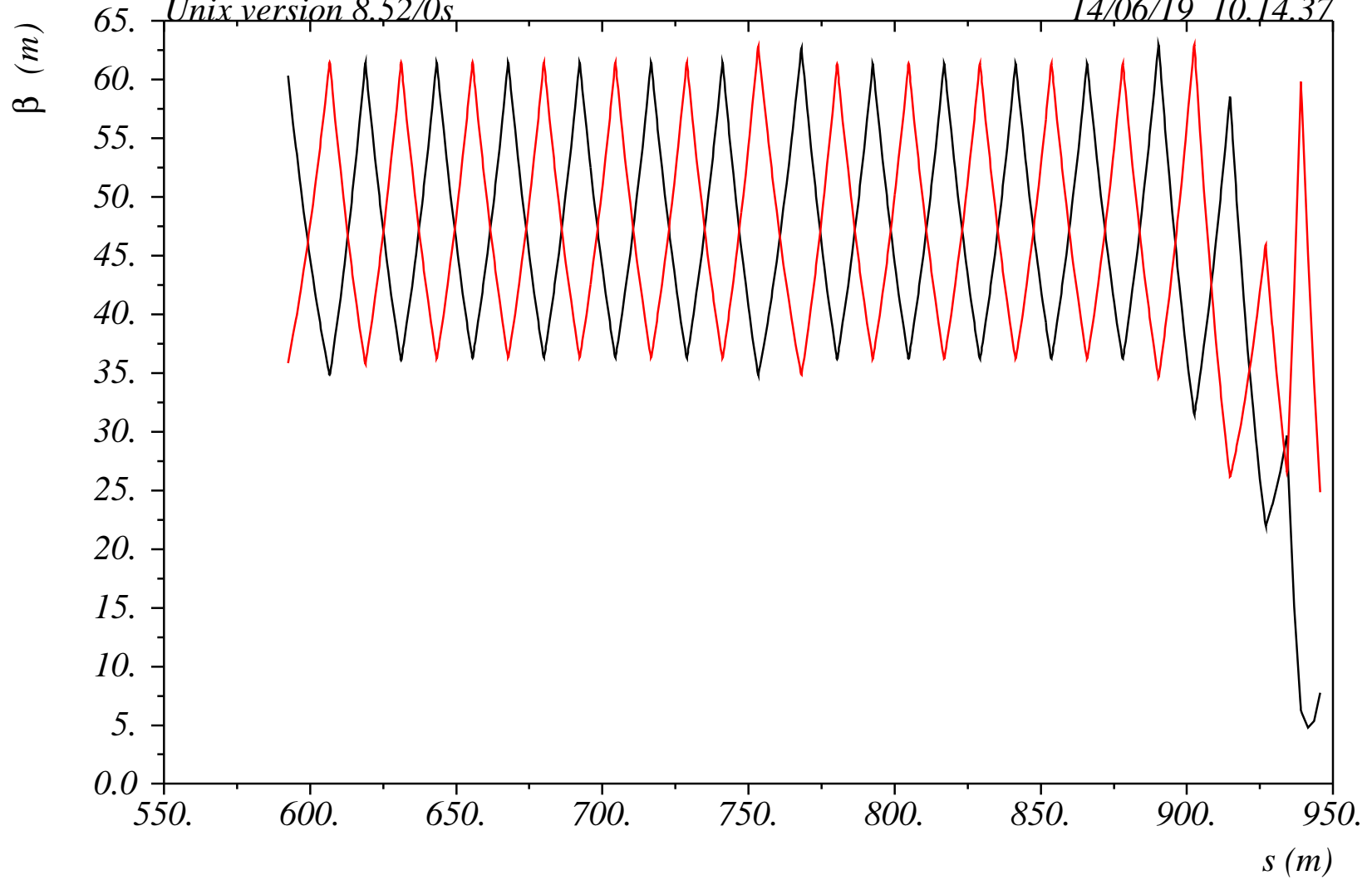
Table name = TWISS



L4B + Extension
LCLS2scHE (June 13, 2019)

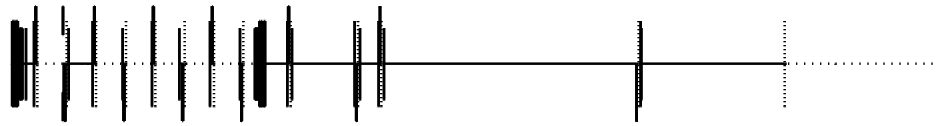
Unix version 8.52/0s

14/06/19 10.14.37



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

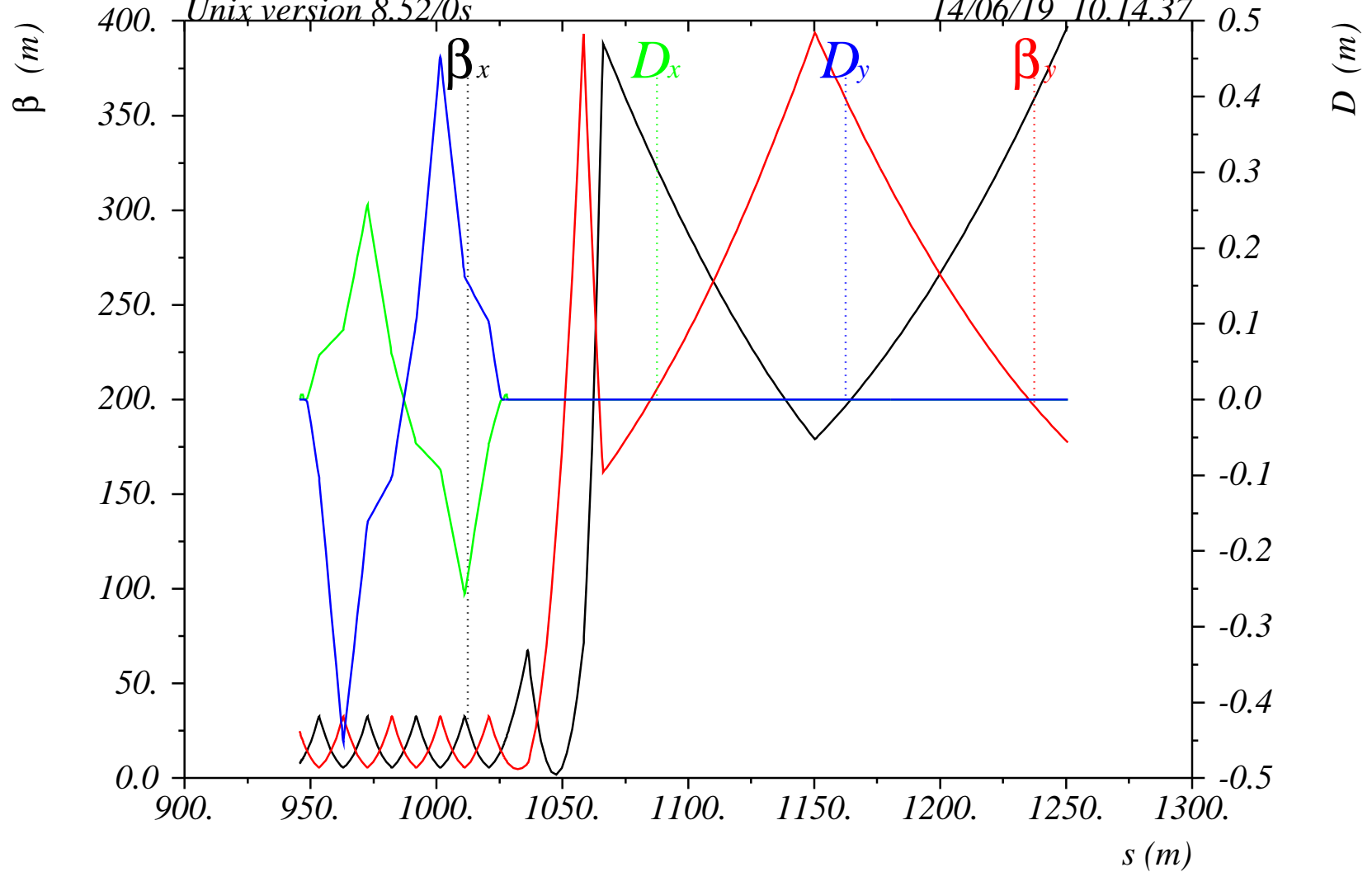
Table name = TWISS



*Dogleg + Match to Bypass
LCLS2scHE (June 13, 2019)*

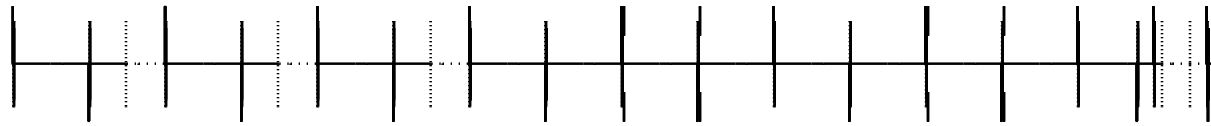
Unix version 8.52/0s

14/06/19 10.14.37



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

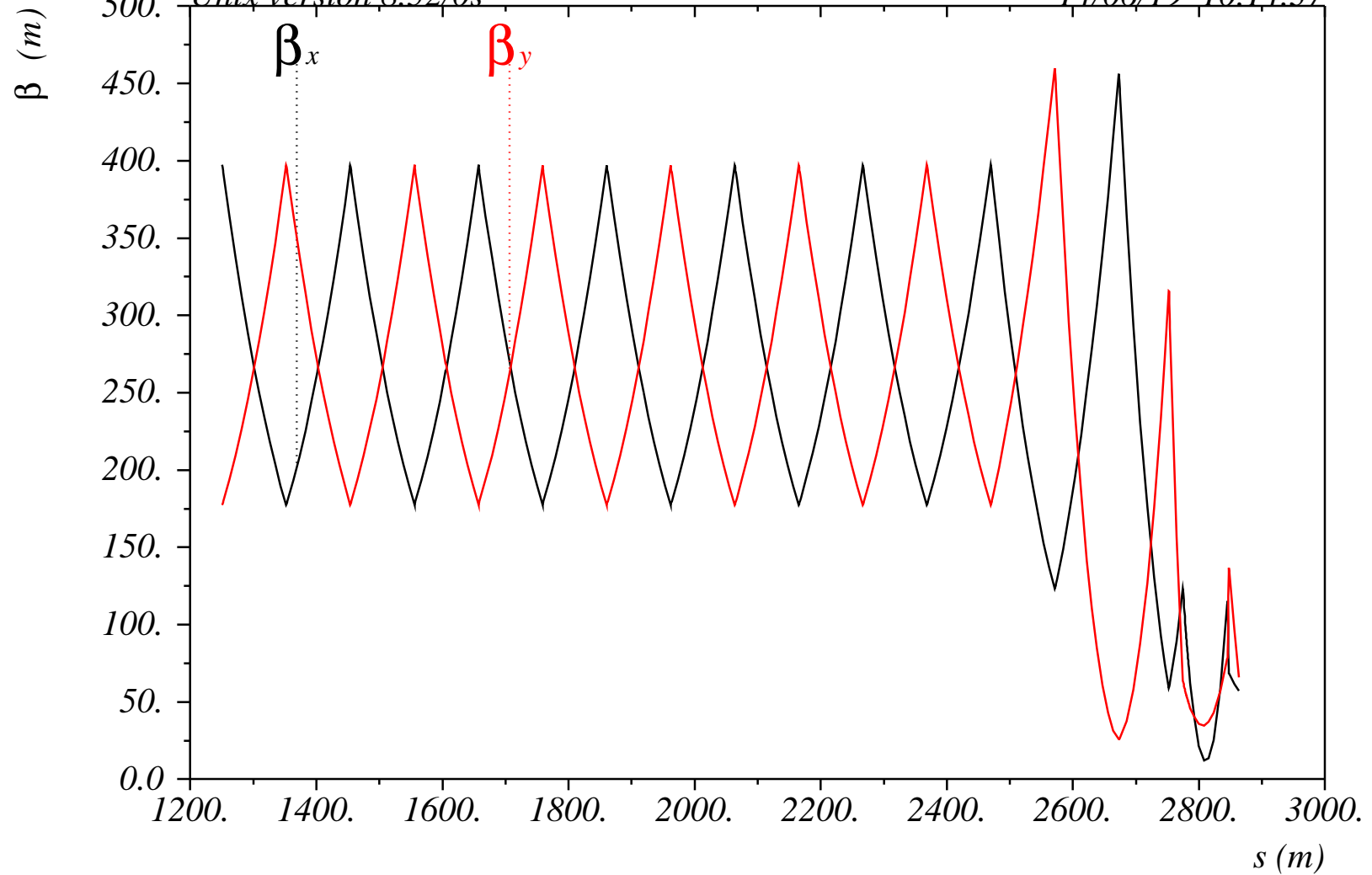
Table name = TWISS



*Bypass Line to Spreader
LCLS2scHE (June 13, 2019)*

Unix version 8.52/0s

14/06/19 10.14.37



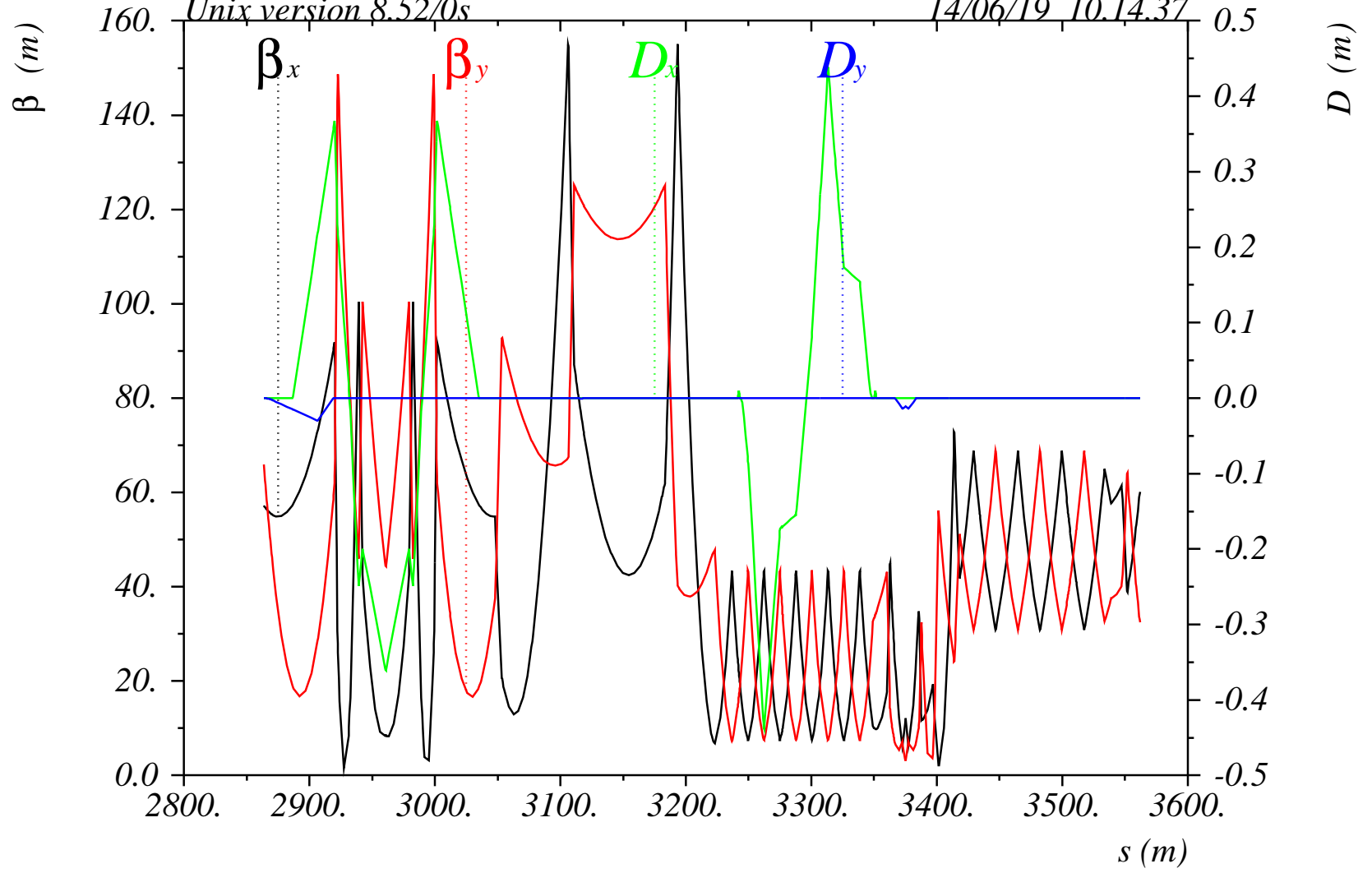
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



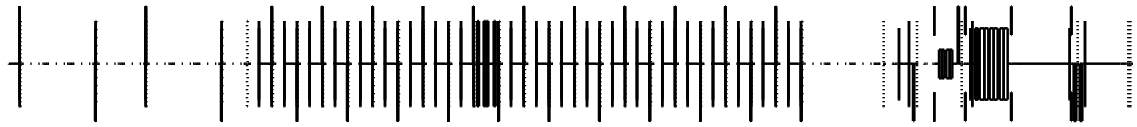
Spreader + LTUS
LCLS2scHE (June 13, 2019)
Unix version 8.52/0s

14/06/19 10.14.37



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

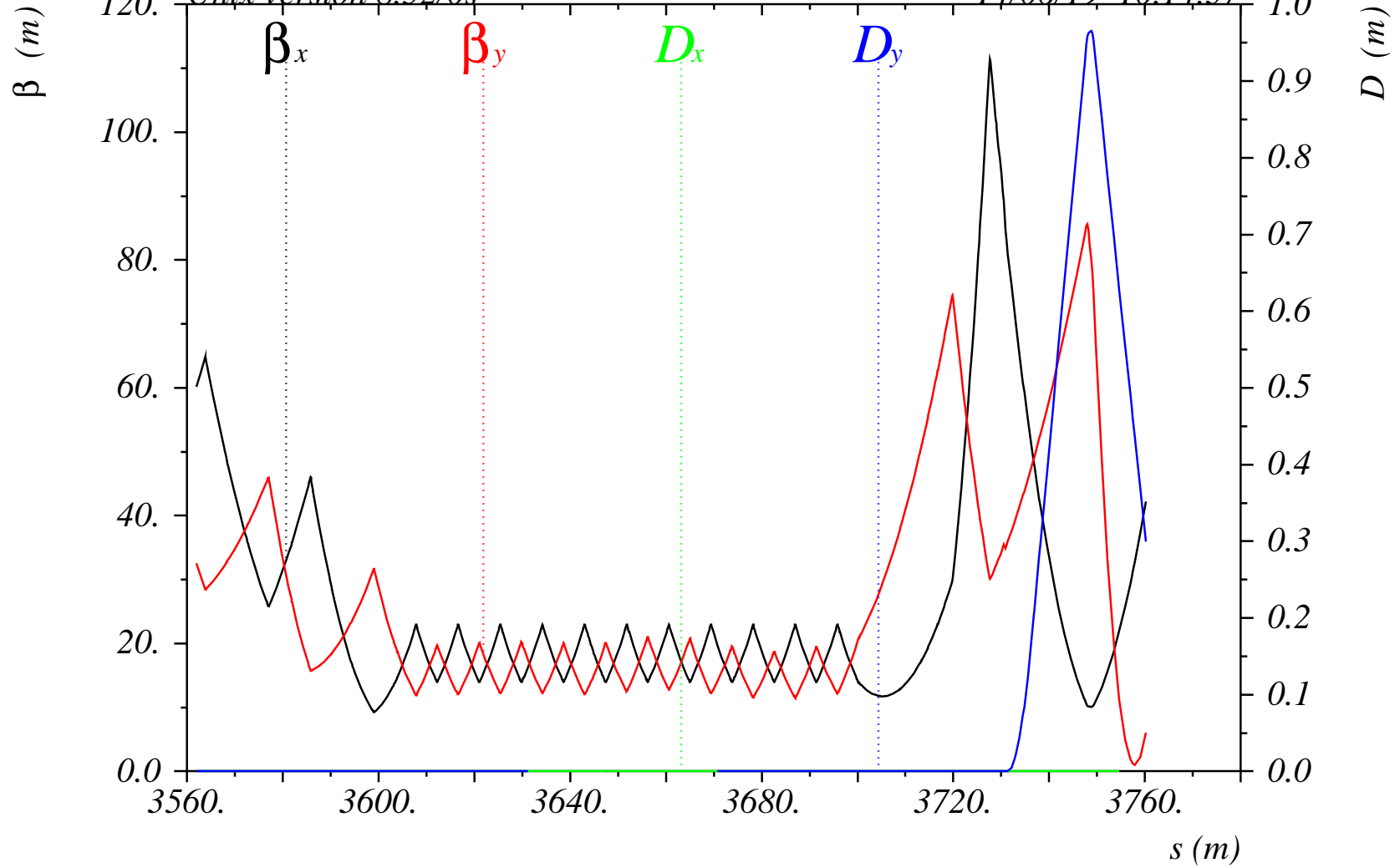
Table name = TWISS



*SXR Undulator to Dump
LCLS2scHE (June 13, 2019)*

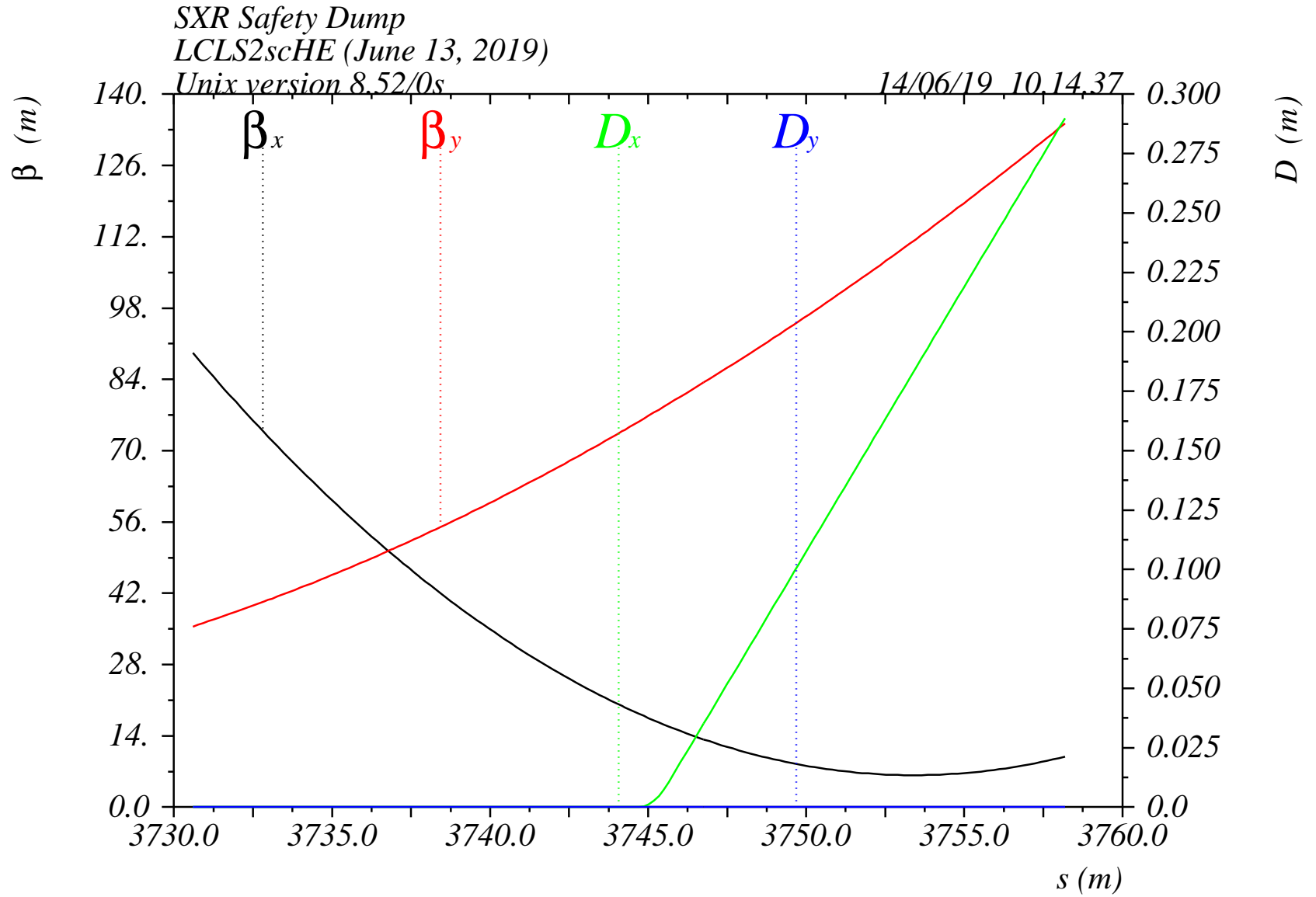
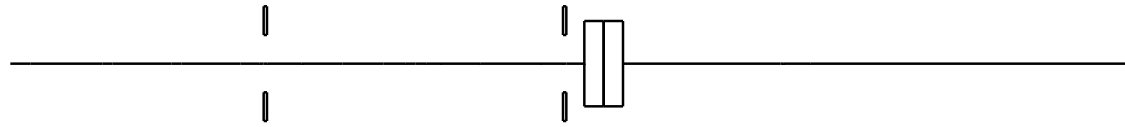
Unix version 8.52/0s

14/06/19 10.14.37



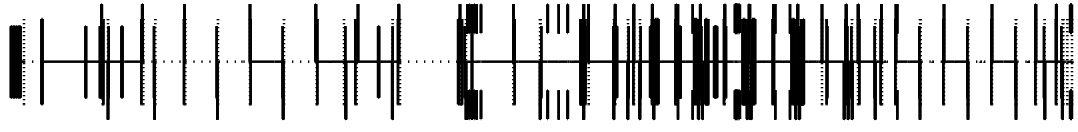
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



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

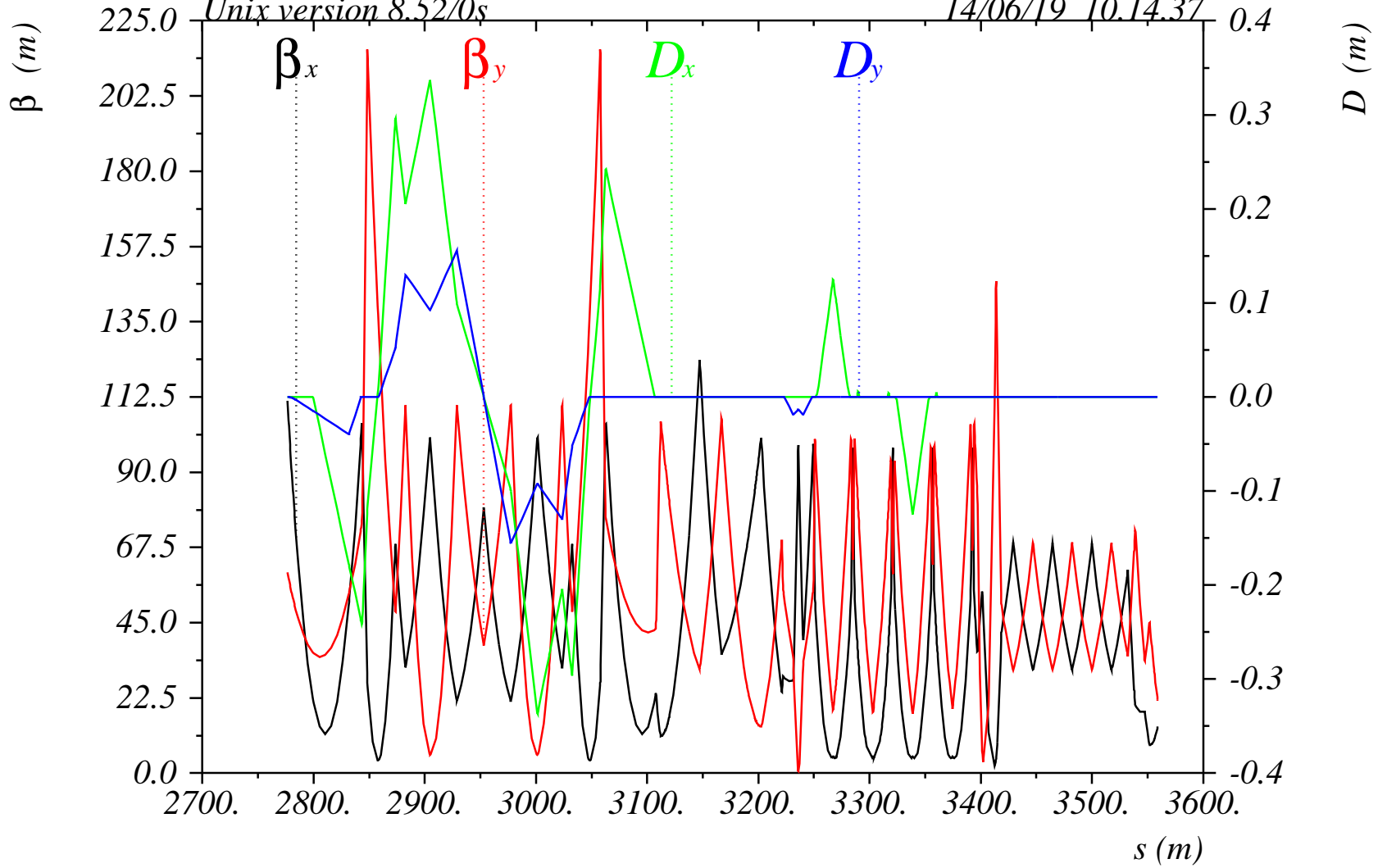
Table name = TWISS



Spreader + LTUH
LCLS2scHE (June 13, 2019)

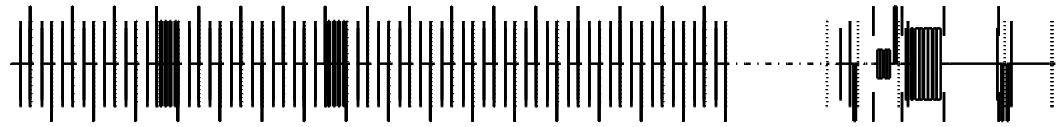
Unix version 8.52/0s

14/06/19 10.14.37



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

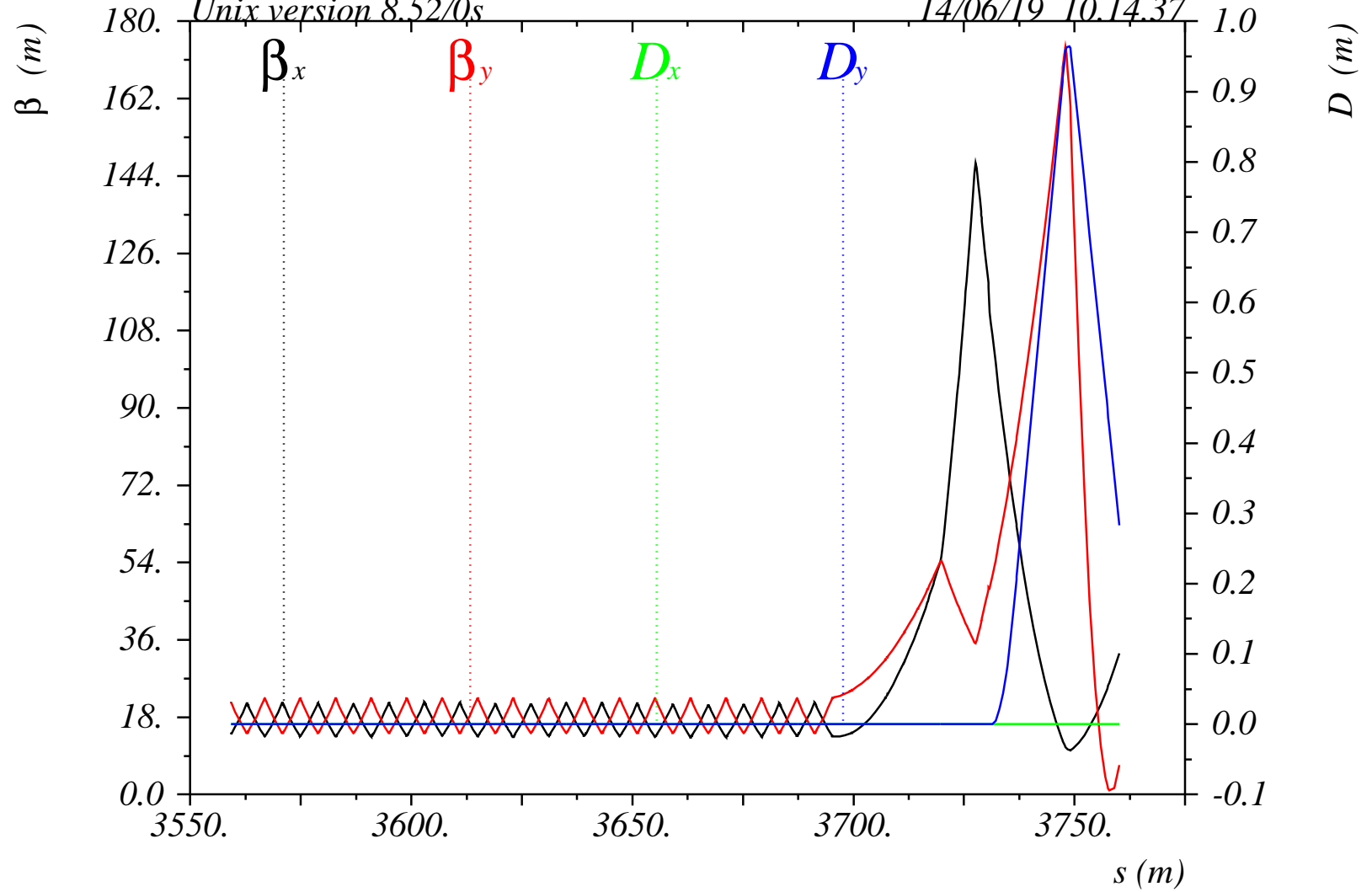
Table name = TWISS



HXR Undulator to Dump
 LCLS2scHE (June 13, 2019)

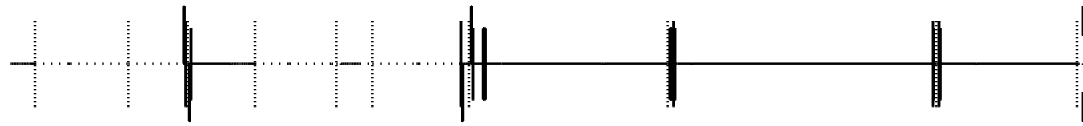
Unix version 8.52/0s

14/06/19 10.14.37



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

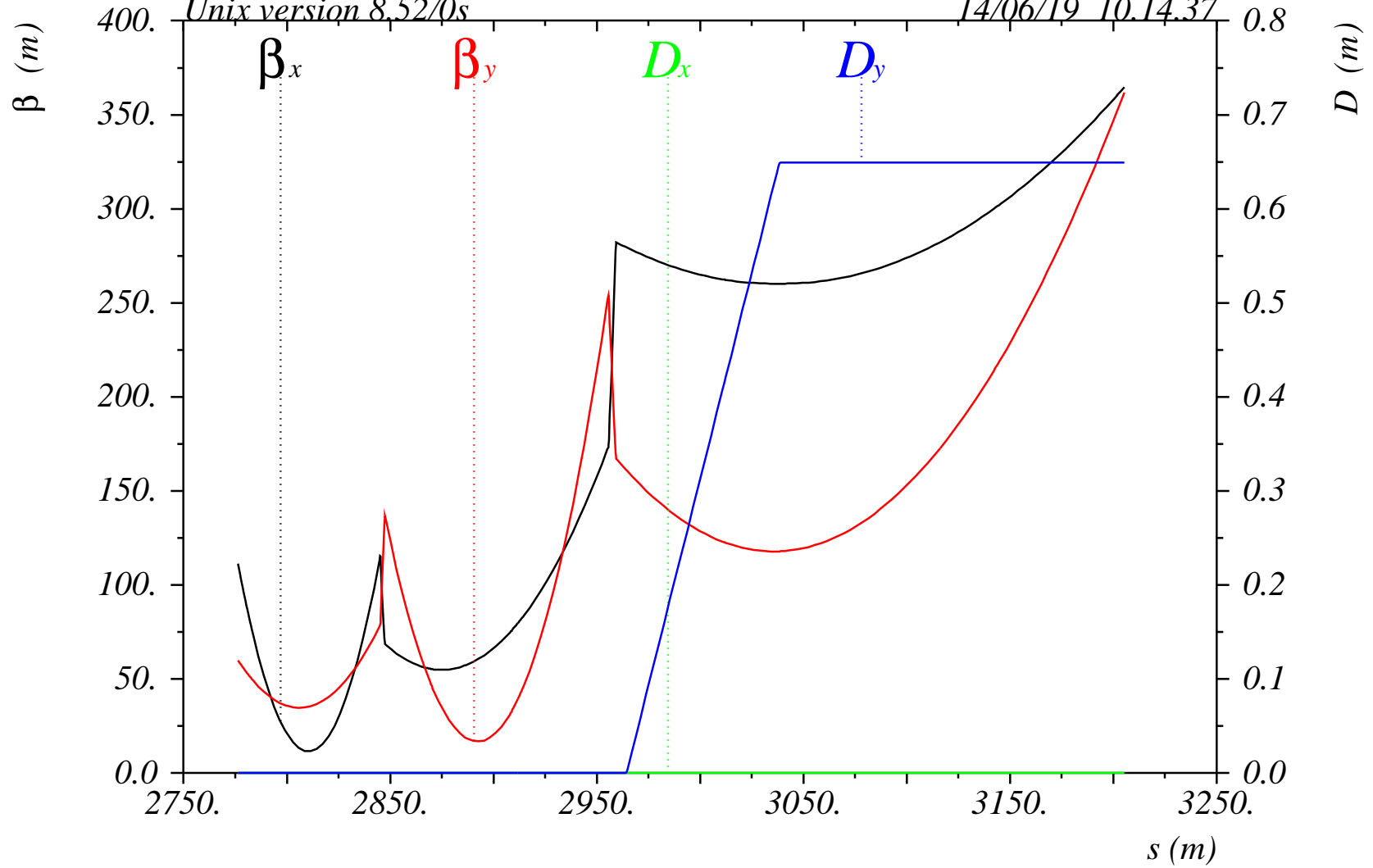
Table name = TWISS



Spreader to BSY Dump
 LCLS2scHE (June 13, 2019)

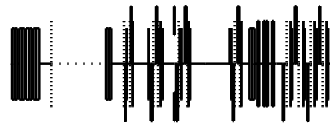
Unix version 8.52/0s

14/06/19 10.14.37



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

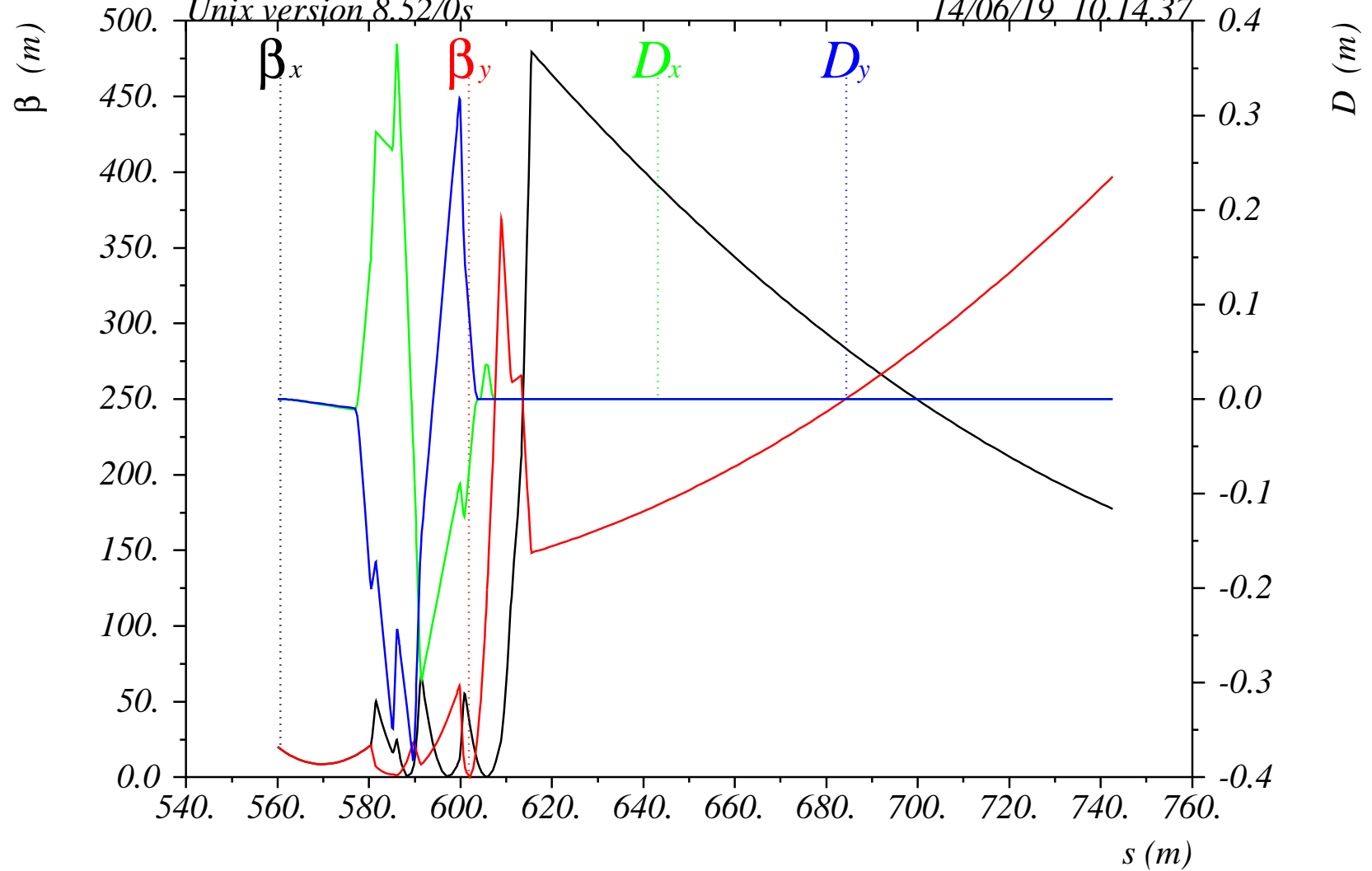
Table name = TWISS



Low-energy Extraction + Dogleg
 LCLS2scHE (June 13, 2019)

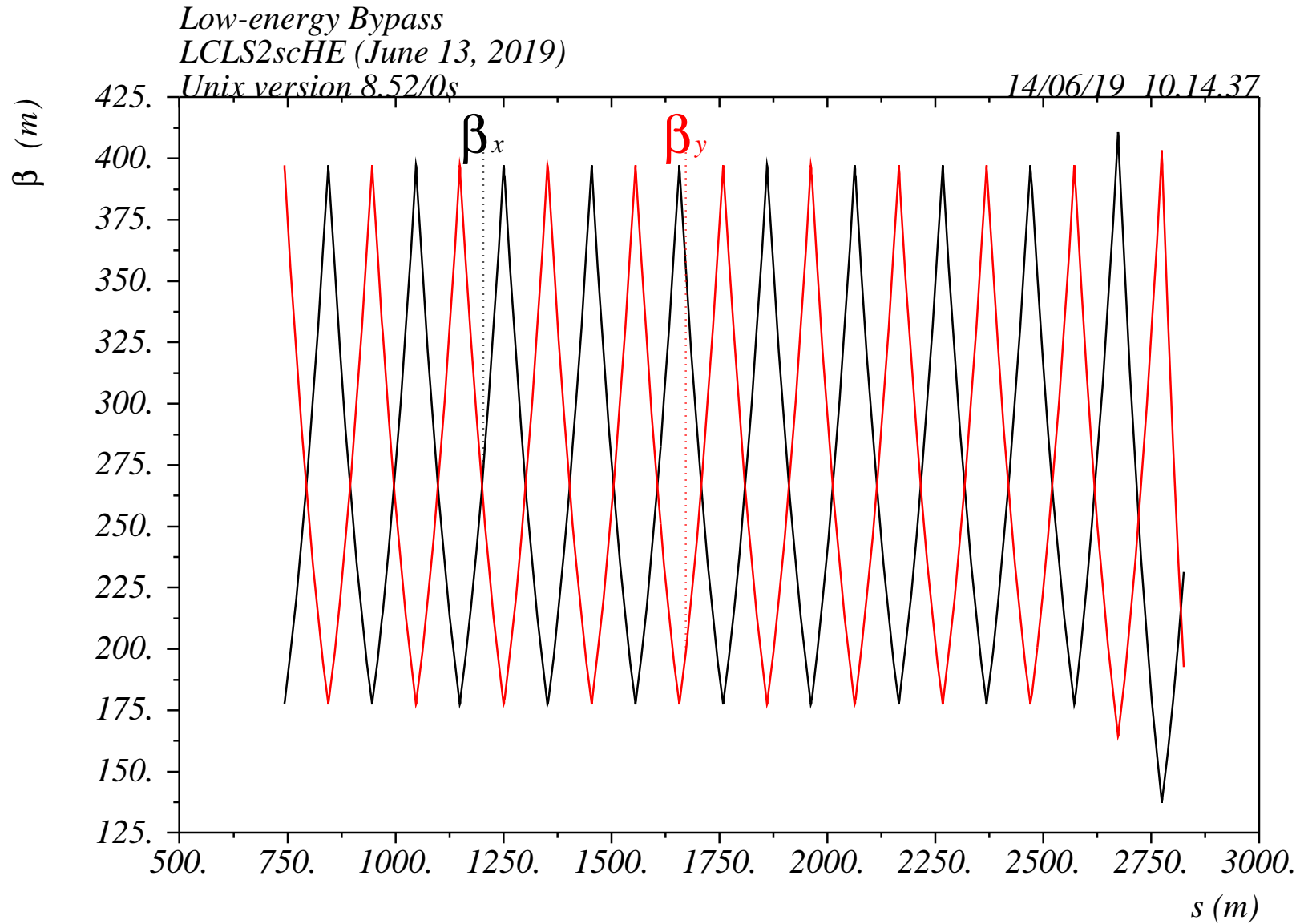
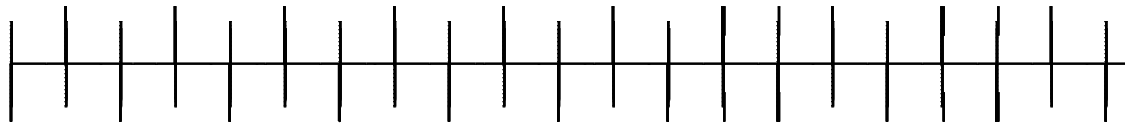
Unix version 8.52/0s

14/06/19 10.14.37



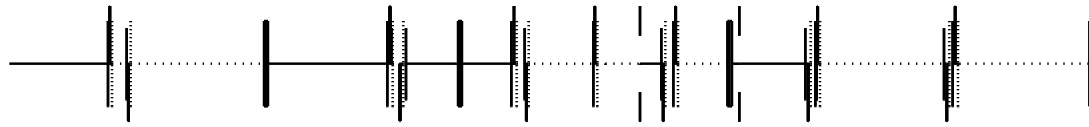
$$\delta_E / p_0 c = 0.$$

Table name = TWISS



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

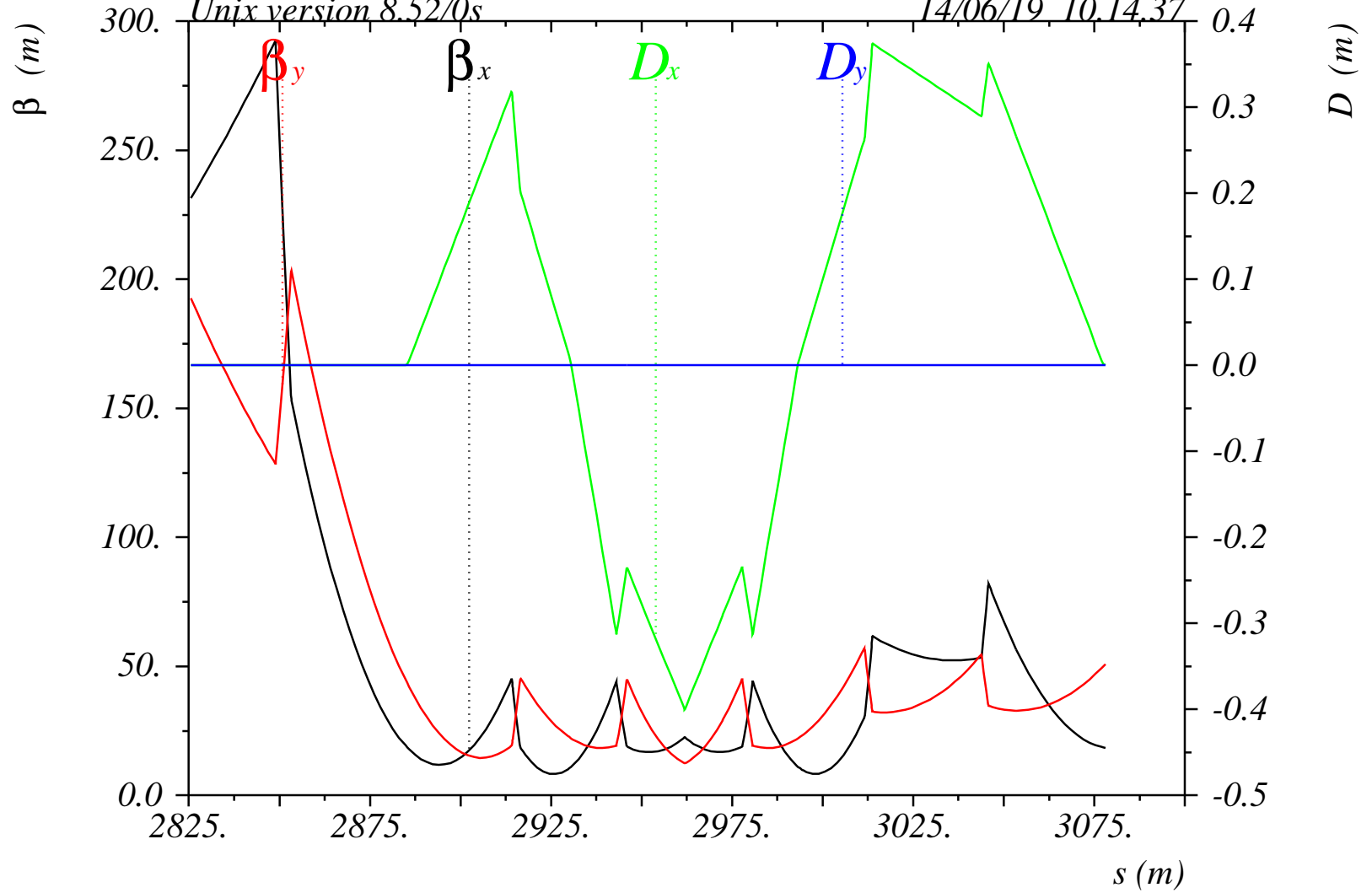
Table name = TWISS



Low-energy Spreader
LCLS2scHE (June 13, 2019)

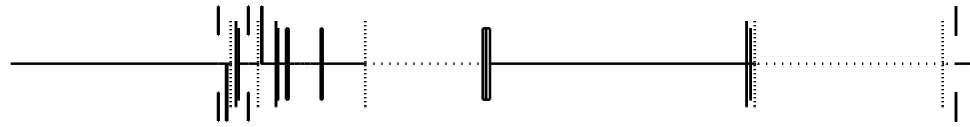
Unix version 8.52/0s

14/06/19 10.14.37



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

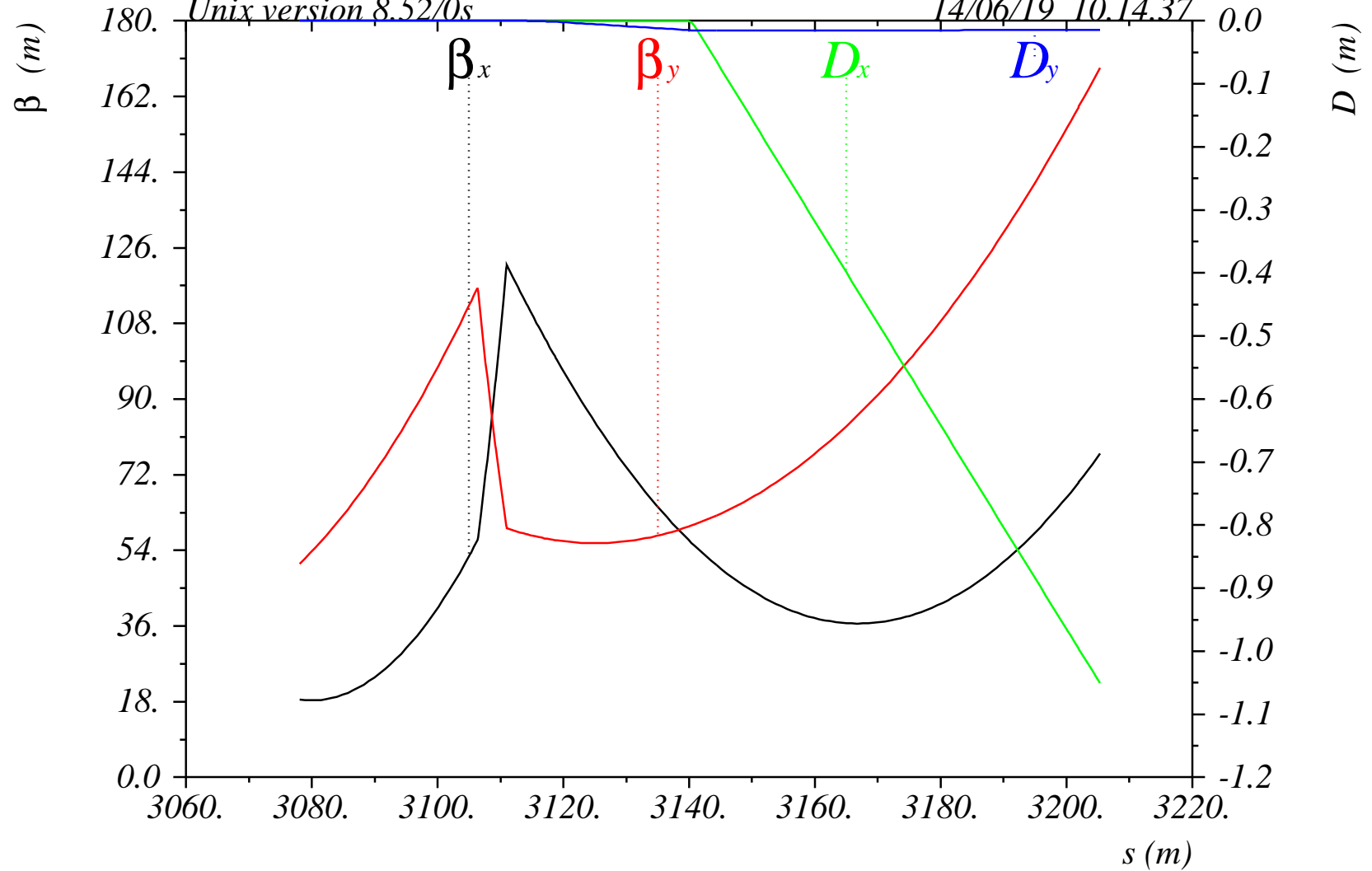
Table name = TWISS



Low-energy BSY dump
 LCLS2scHE (June 13, 2019)

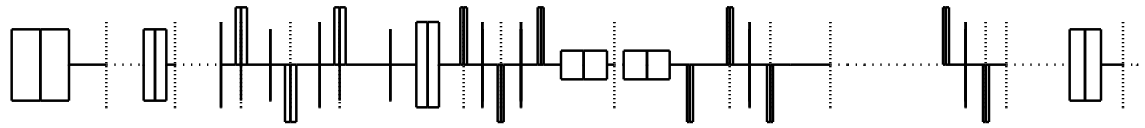
Unix version 8.52/0s

14/06/19 10.14.37



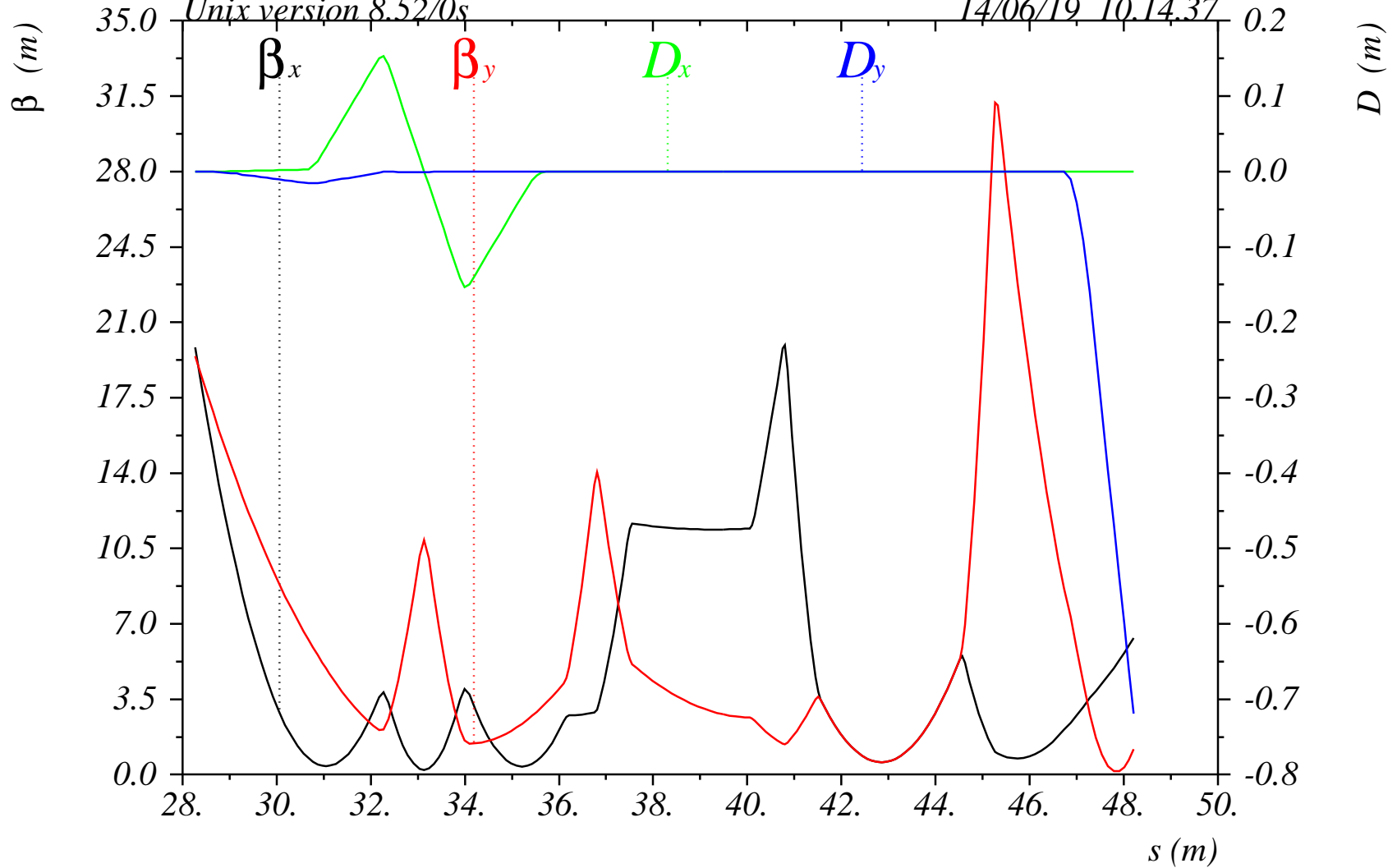
$$\delta_E / p_{0c} = 0.$$

Table name = TWISS



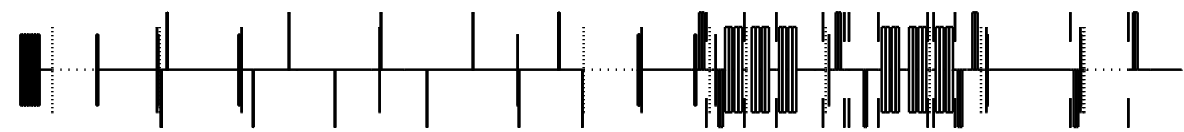
DIAG0
 LCLS2scHE (June 13, 2019)
 Unix version 8.52/0s

14/06/19 10.14.37



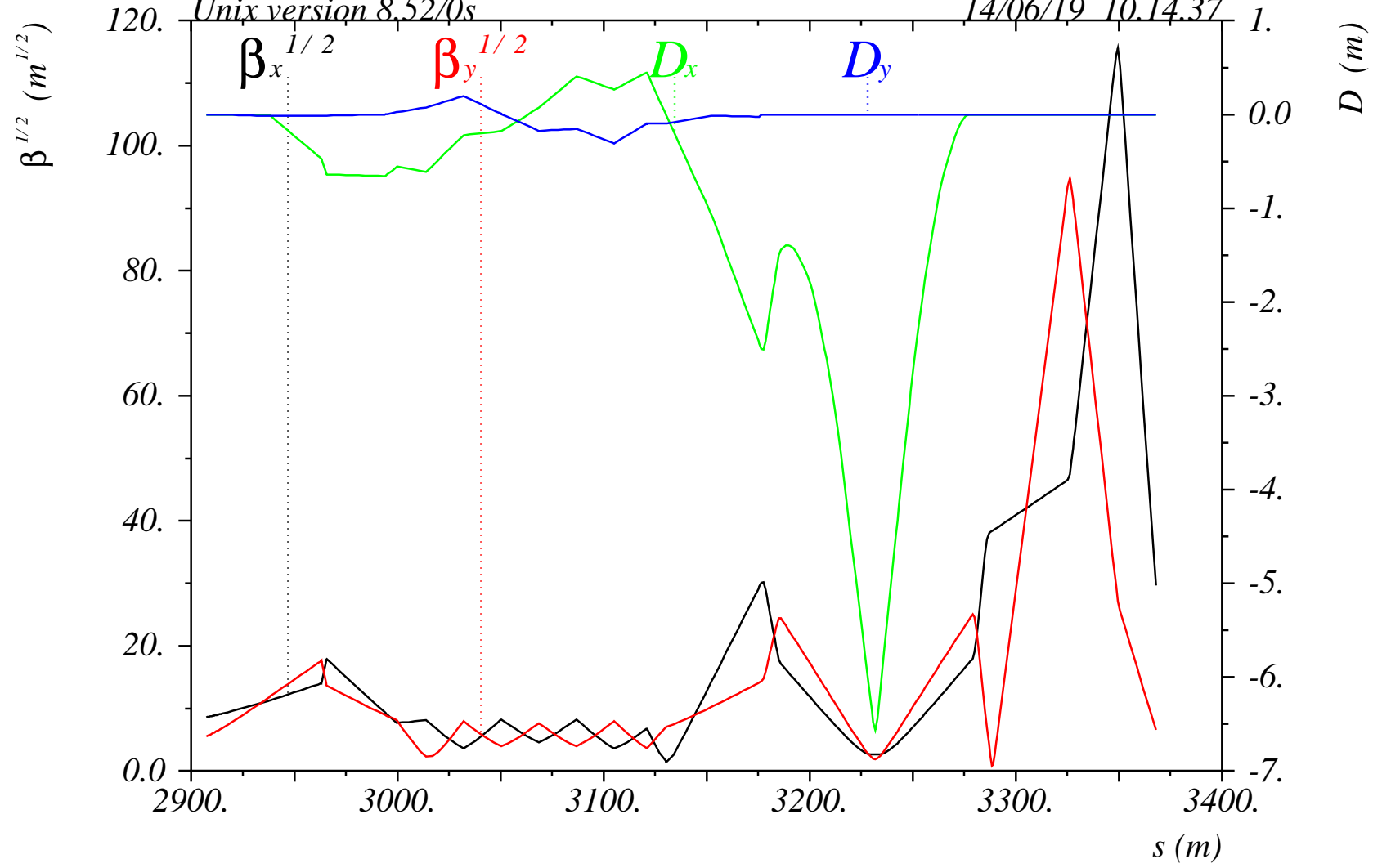
$$\delta_E / p_{oc} = 0.$$

Table name = TWISS



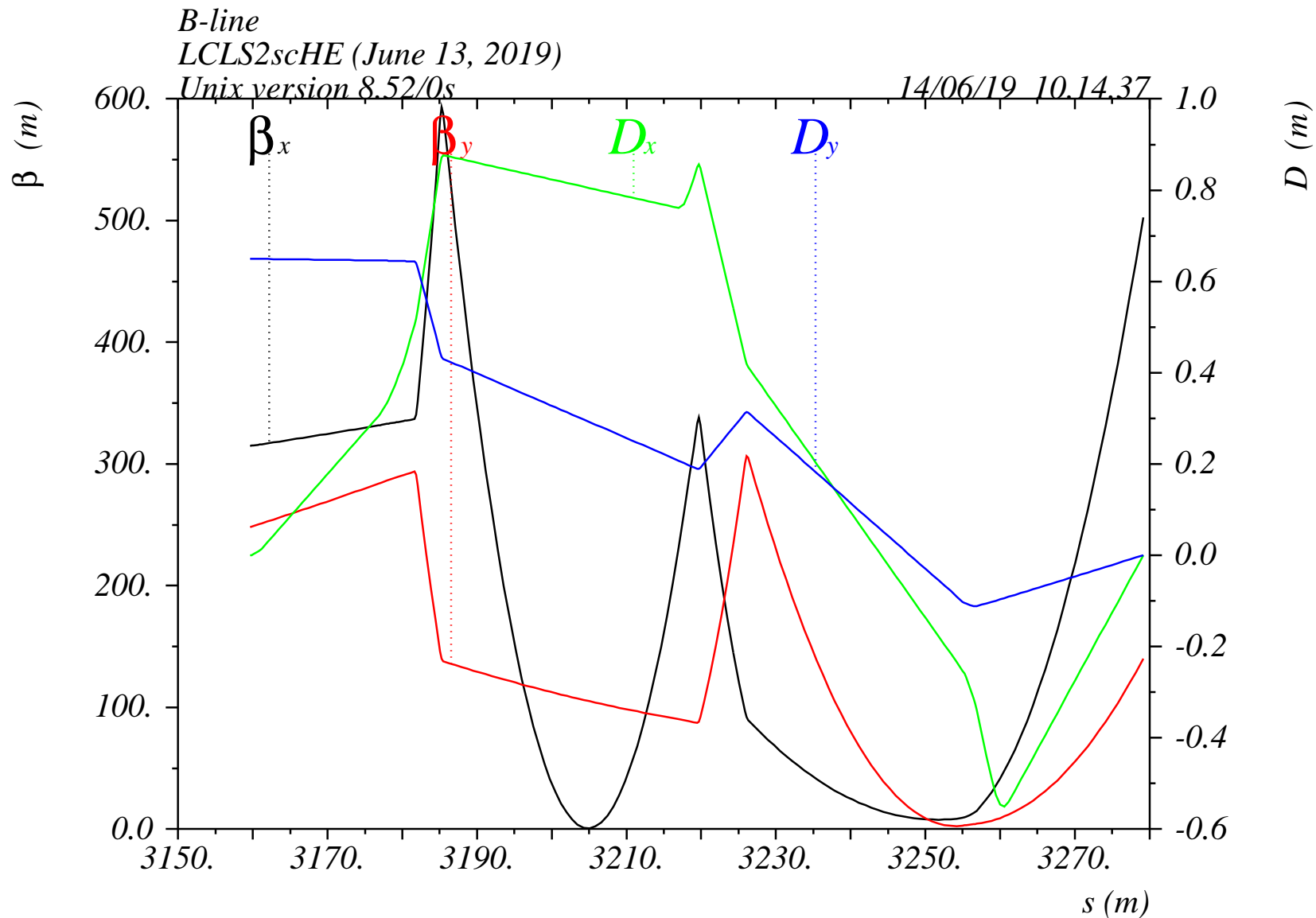
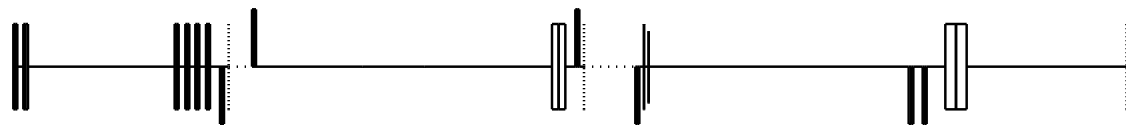
DASEL to A-line
LCLS2scHE (June 13, 2019)
Unix version 8.52/0s

14/06/19 10.14.37



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

Table name = TWISS



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

Table name = TWISS