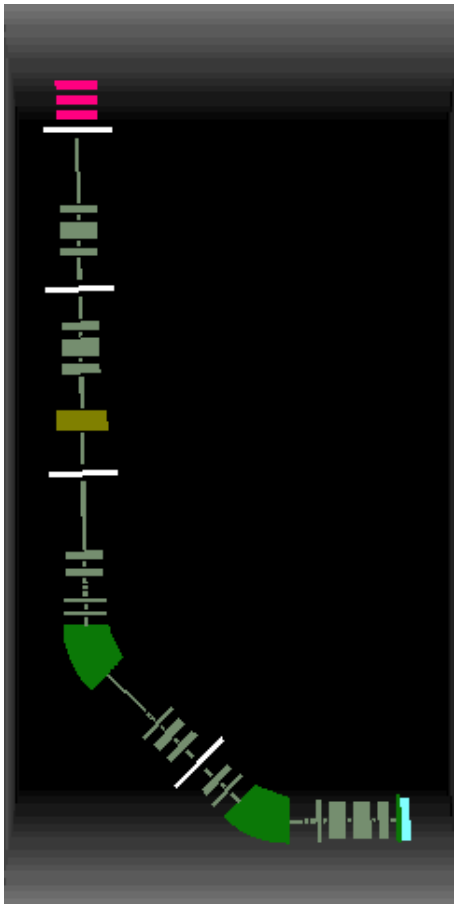
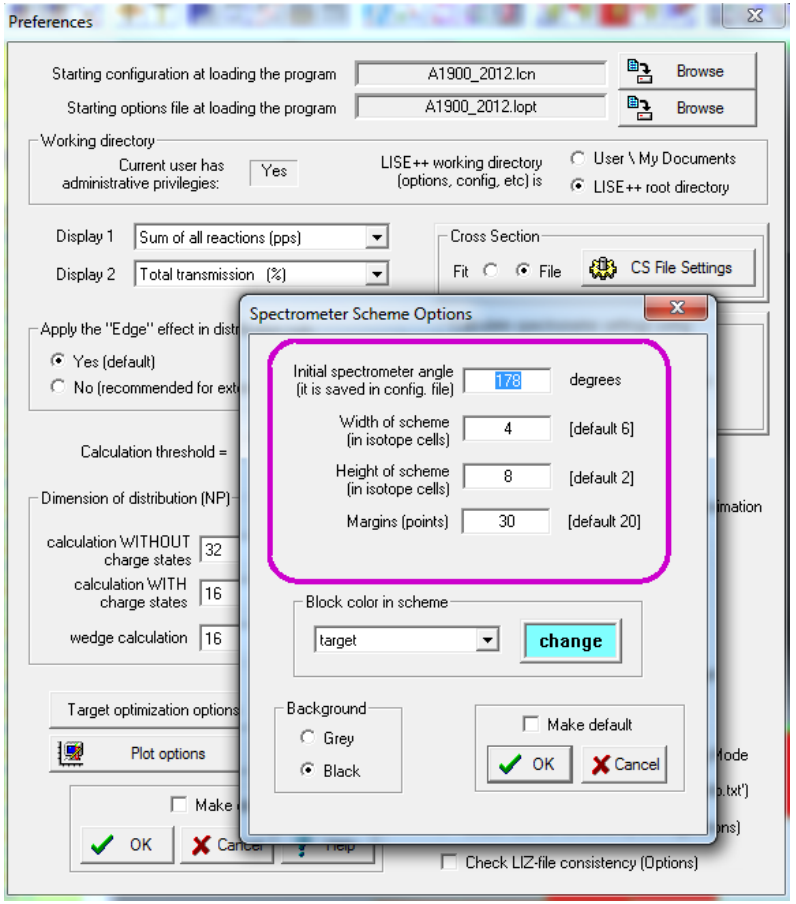
Acculinna 2

LISE++ version 9.4.93

From 18.02.2013

LISE++ file : \files\examples\dubna\acculinna2_extended.lpp
Configuration: \config\Dubna\Acculinna2_extended.lcn

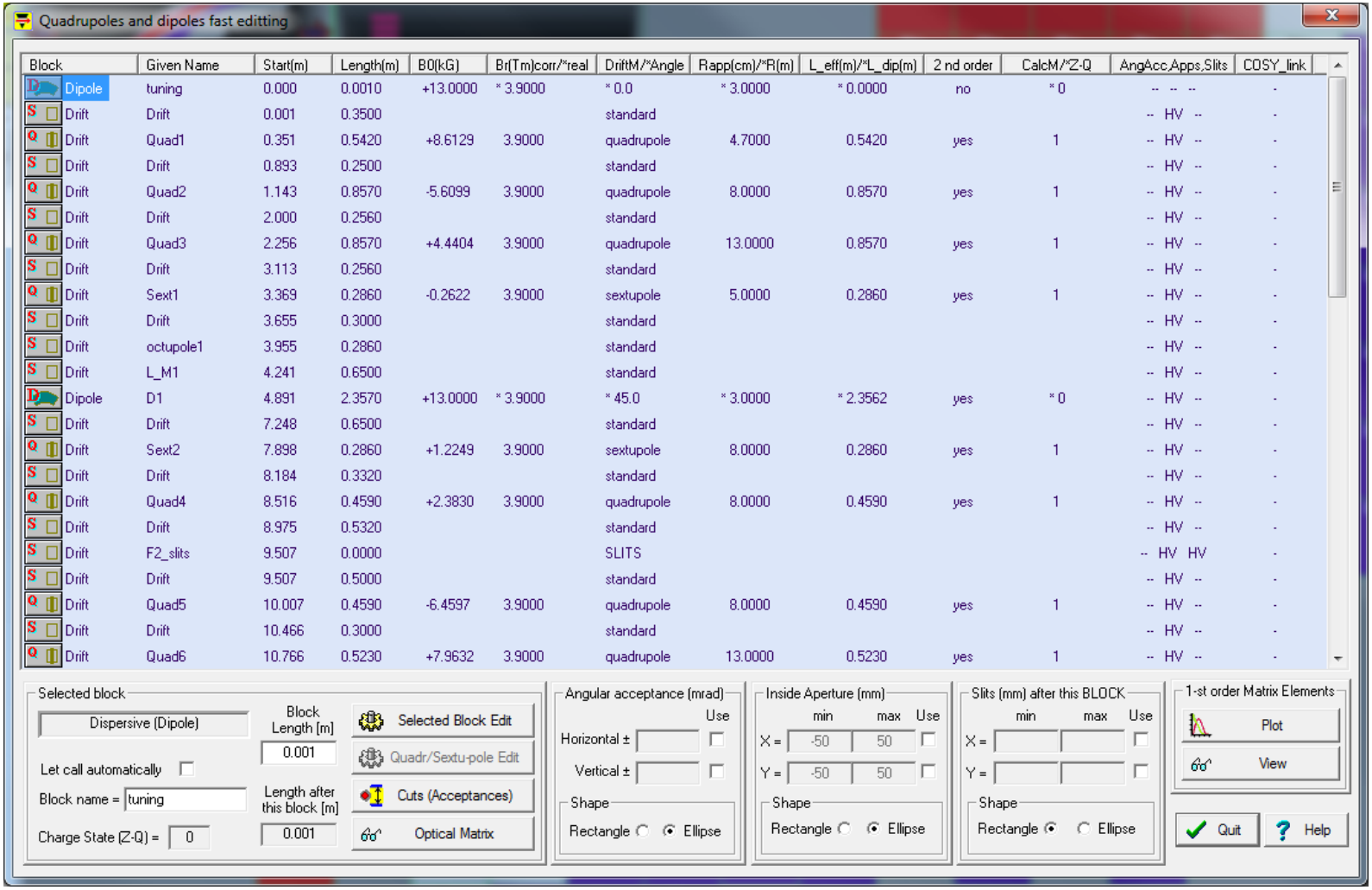




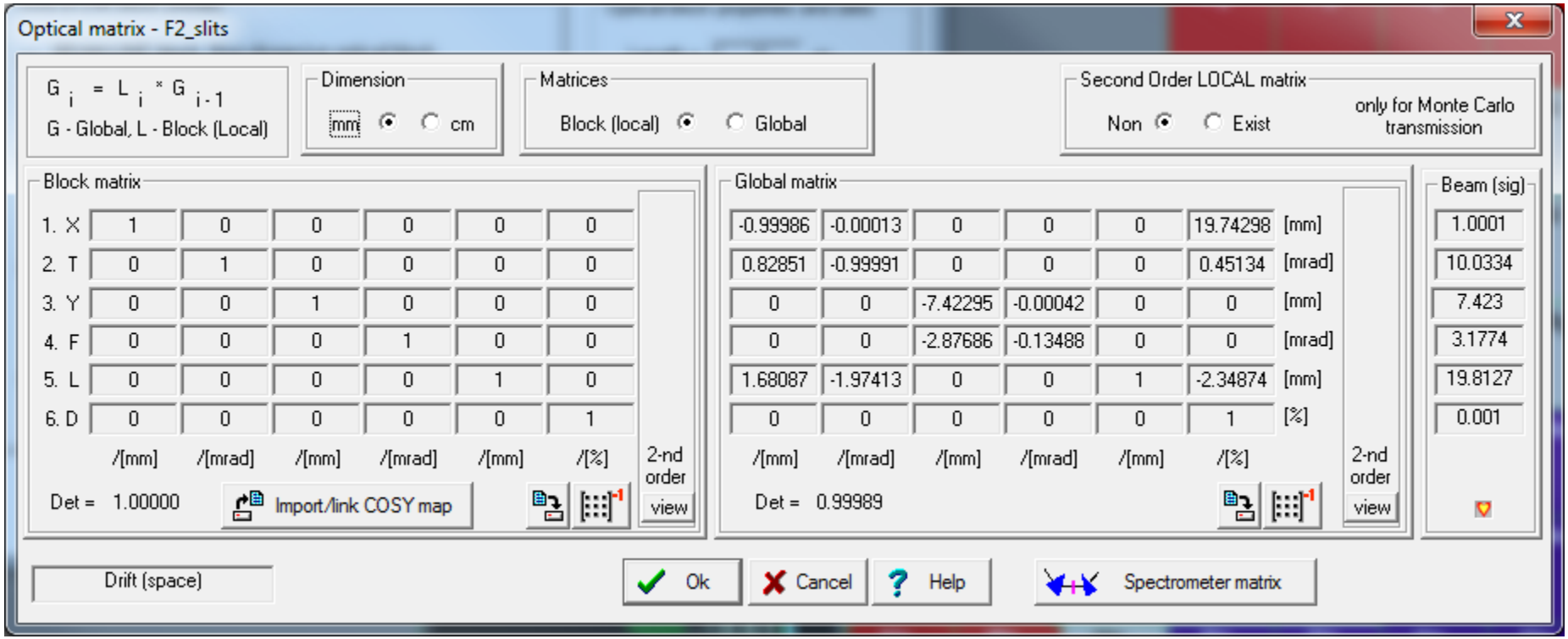
The code operates under MS Windows environment and provides a highly user-friendly interface.
It can be freely downloaded from the following internet addresses:
http://lise.nscl.msu.edu

Acculinna 2 -- editing

See http://lise.nscl.msu.edu/9_2/9_2_85/9_2_95_optical_utilities.pdf

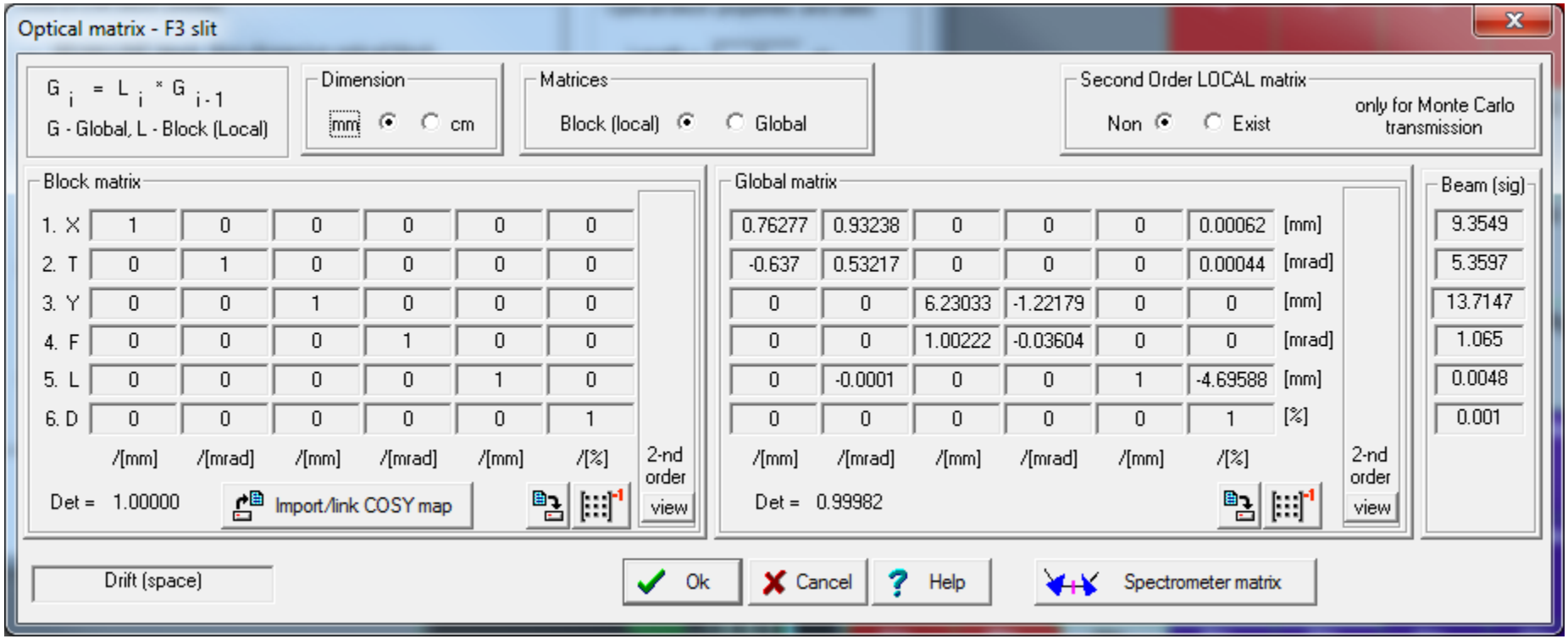


Acculinna 2 : F2 matrix

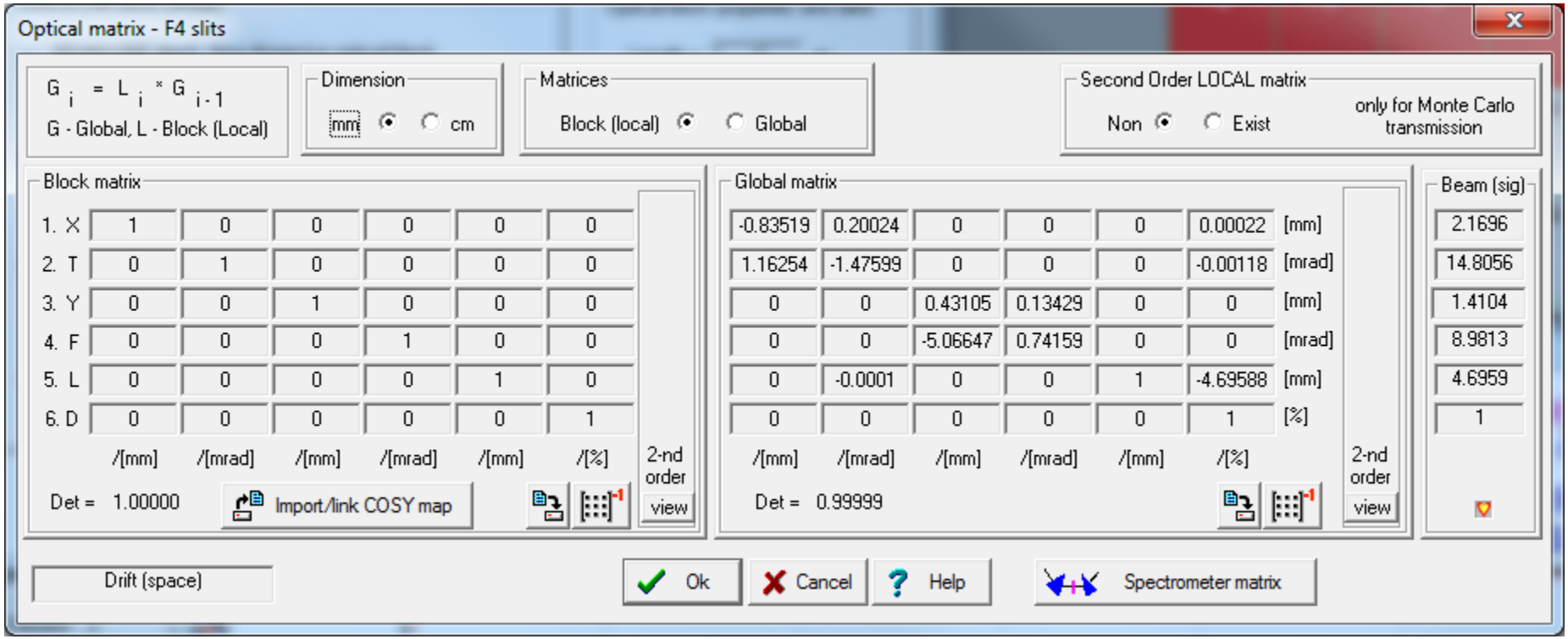


Acculinna 2 : F3 matrix

!!! Should be checked y/y ??

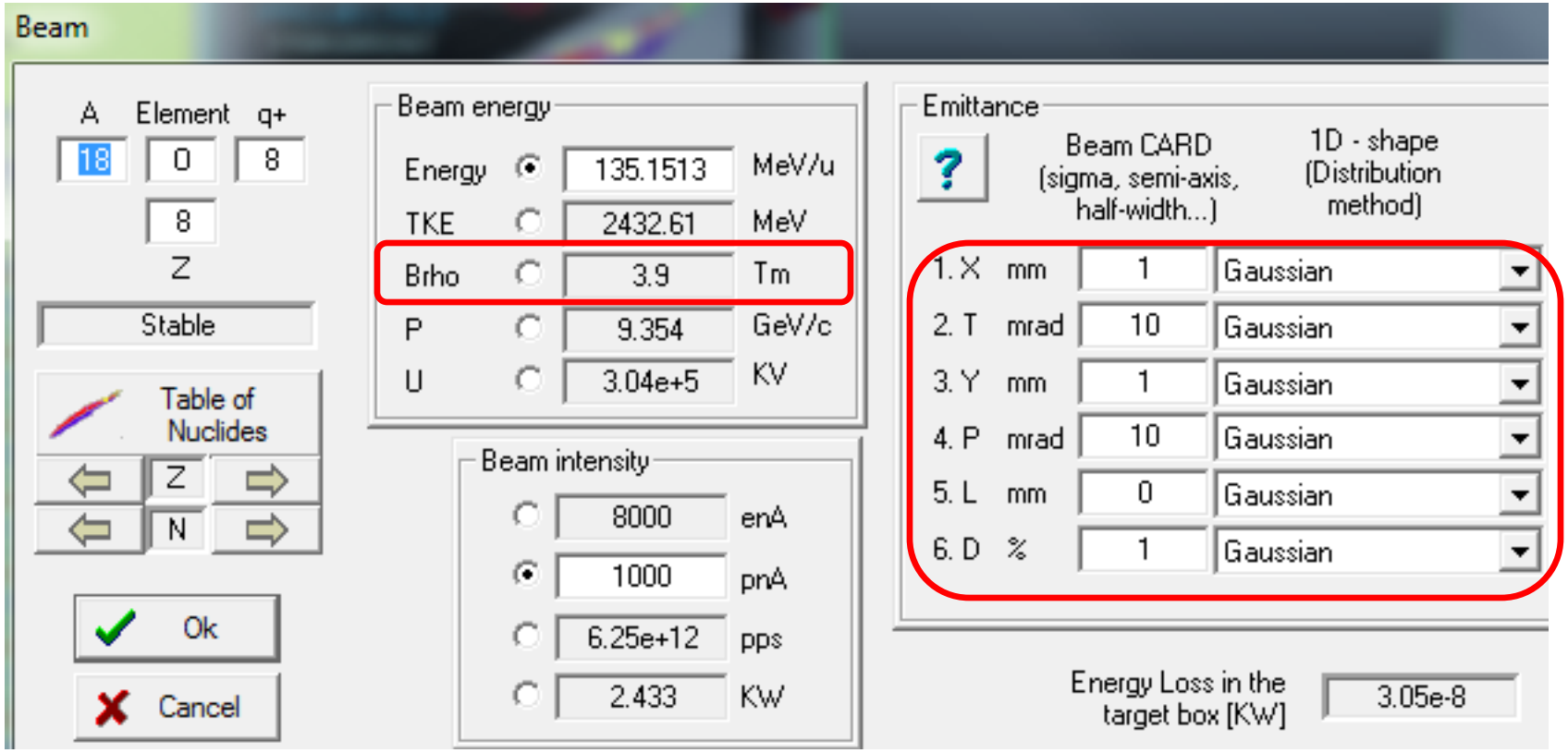


Acculinna 2 : F4 matrix

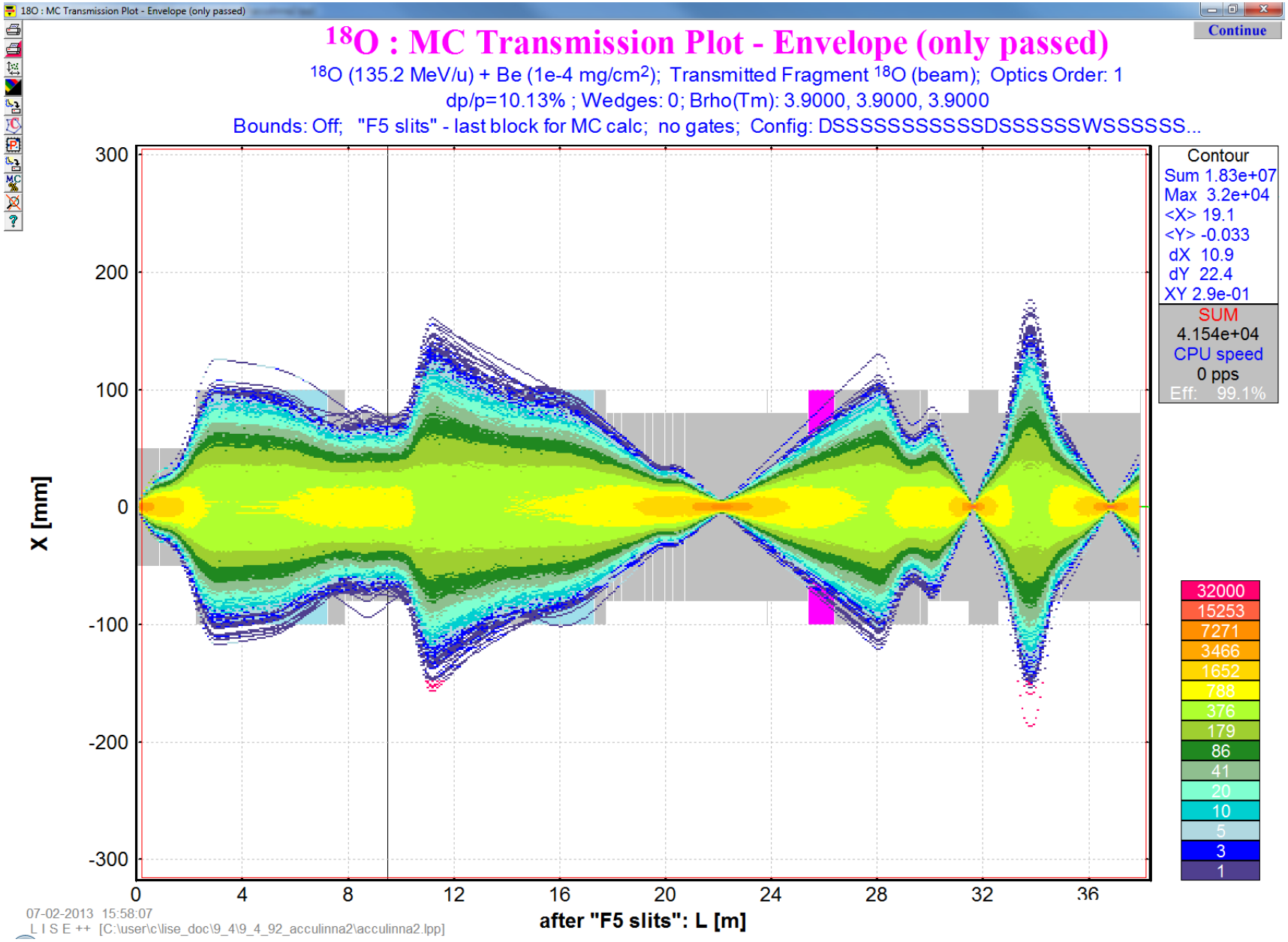


Acculinna 2 - I

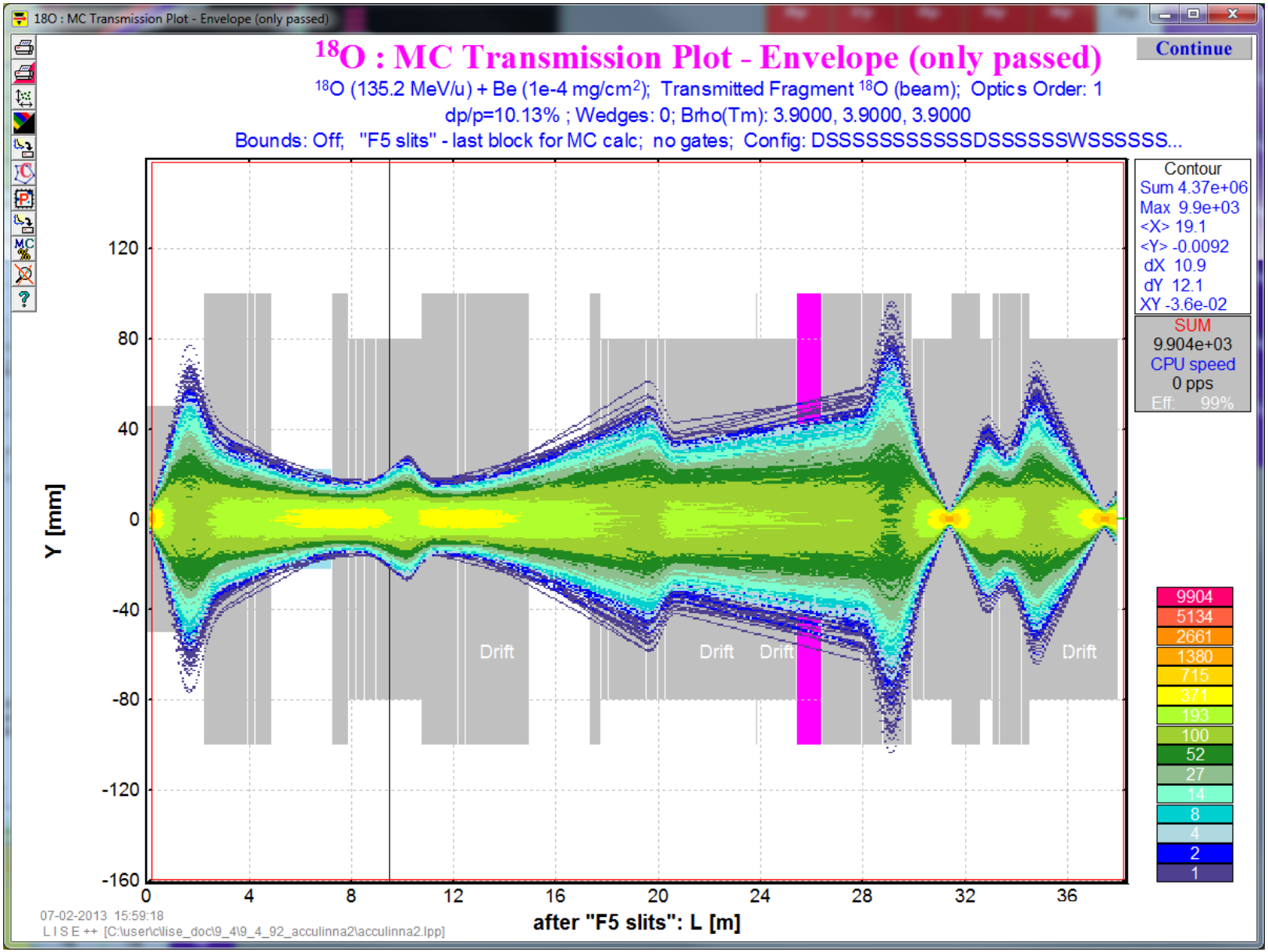
Let's start calculations with the following beam



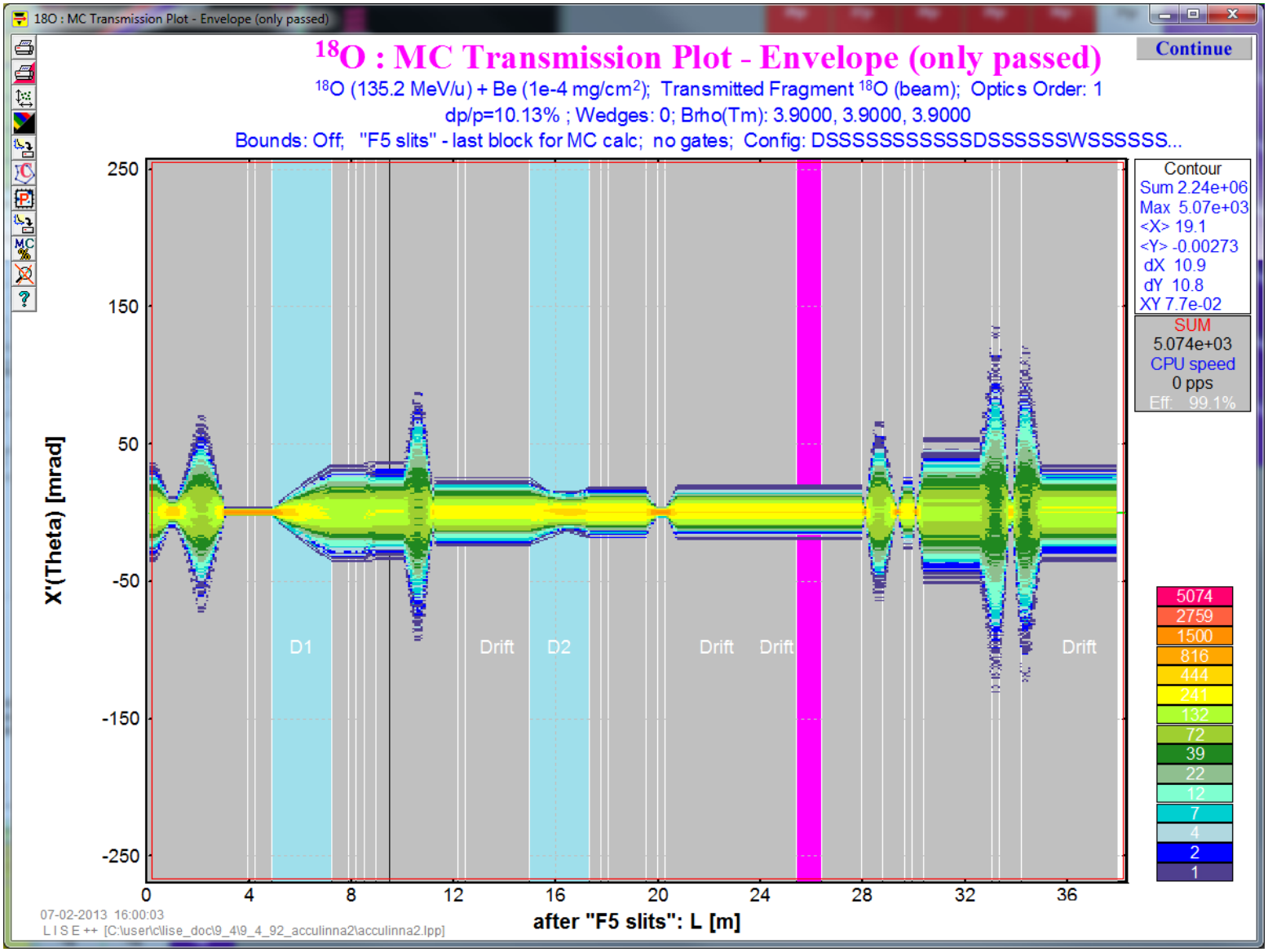
Acculinna 2 : X-envelope (1-st order) -- no bounds



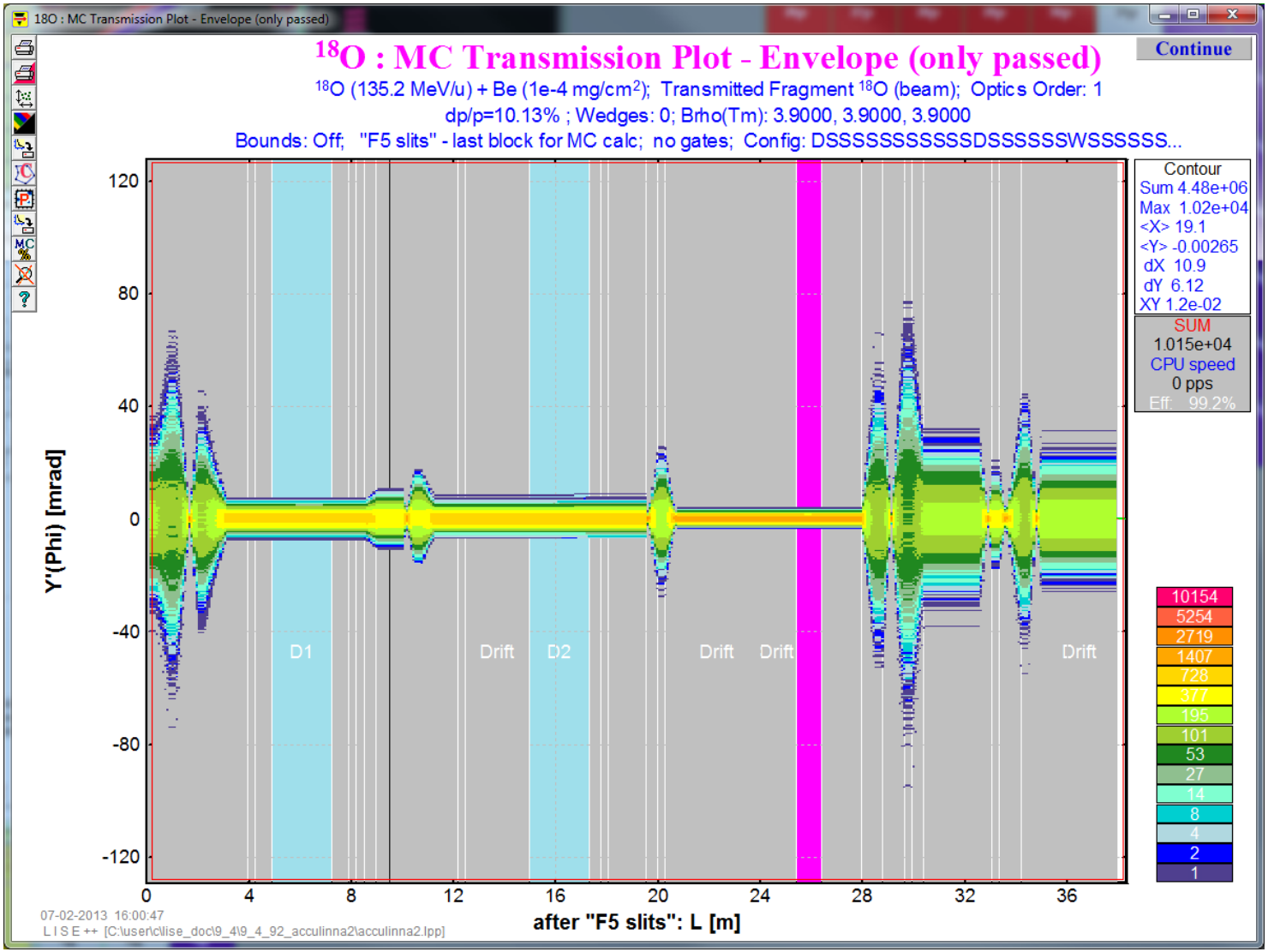
Acculinna 2 : Y-envelope (1-st order) -- no bounds



Acculinna 2 : X'-envelope (1-st order) -- no bounds

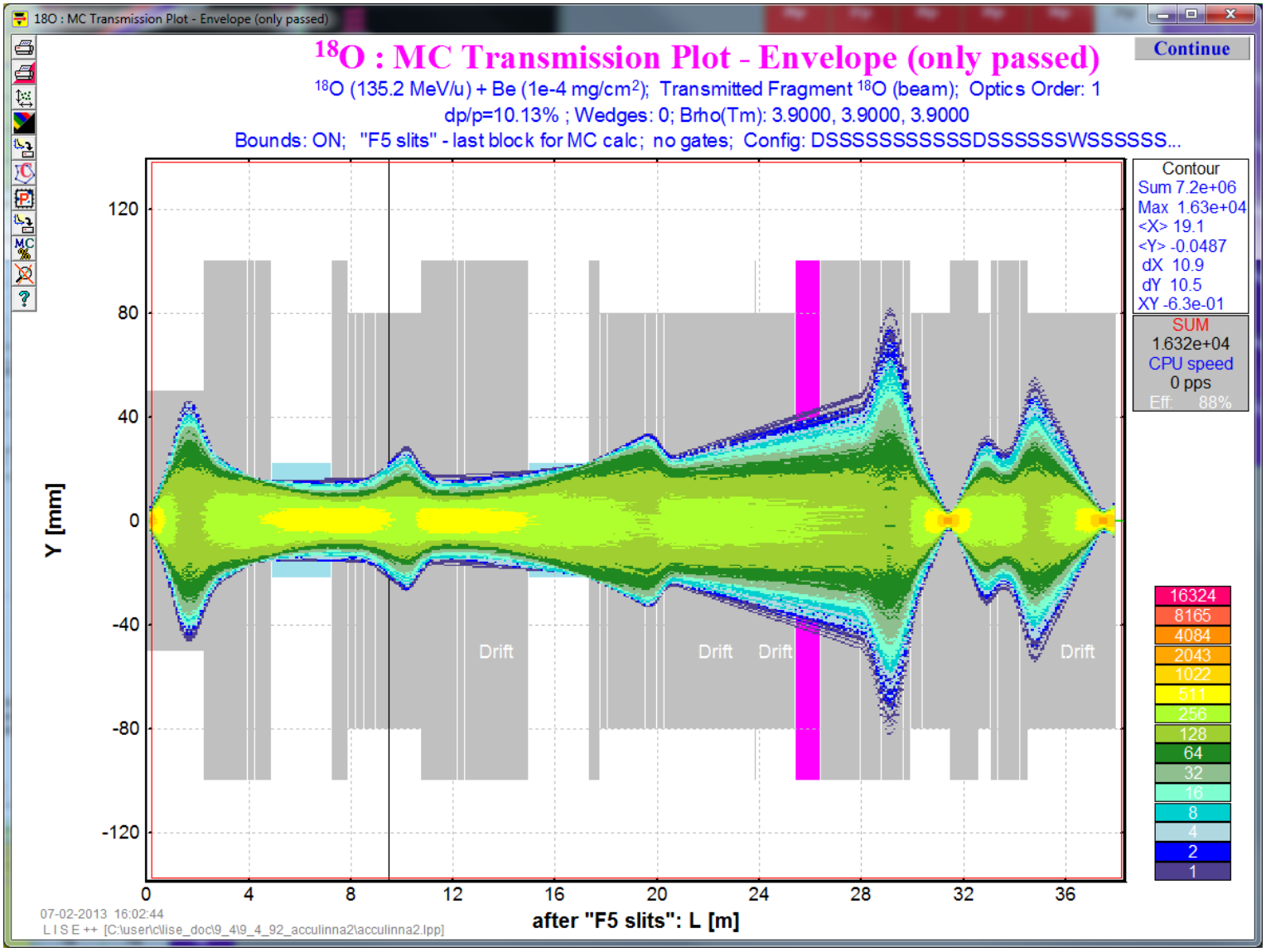


Acculinna 2 : Y' -envelope (1-st order) -- no bounds

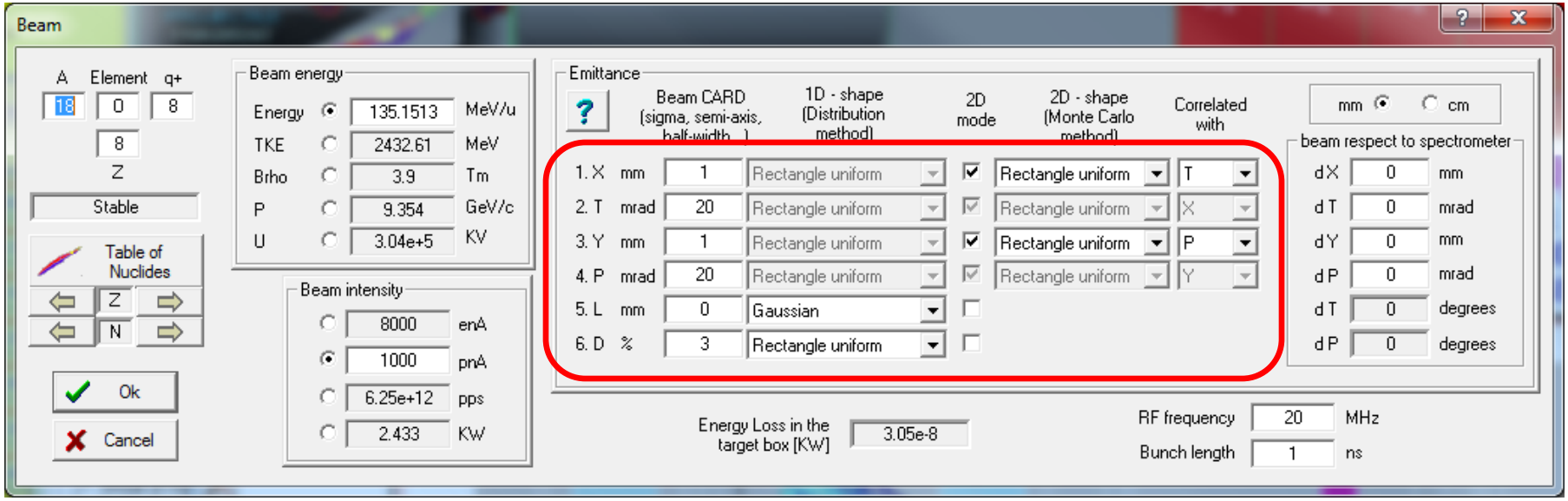


Acculinna 2 : X-envelope (1-st order) -- WITH bounds

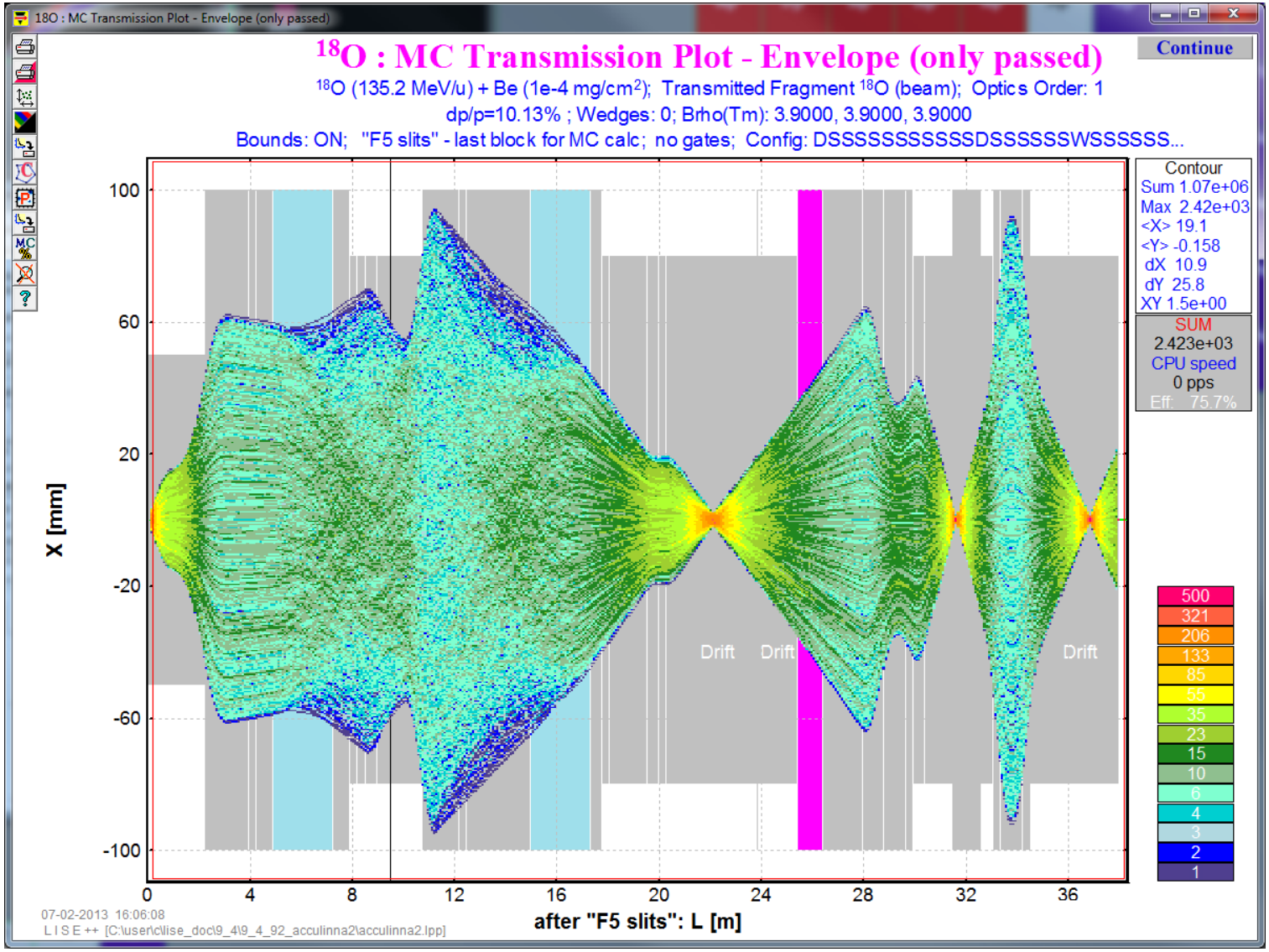
88% transmission



Let's start calculations with the following beam

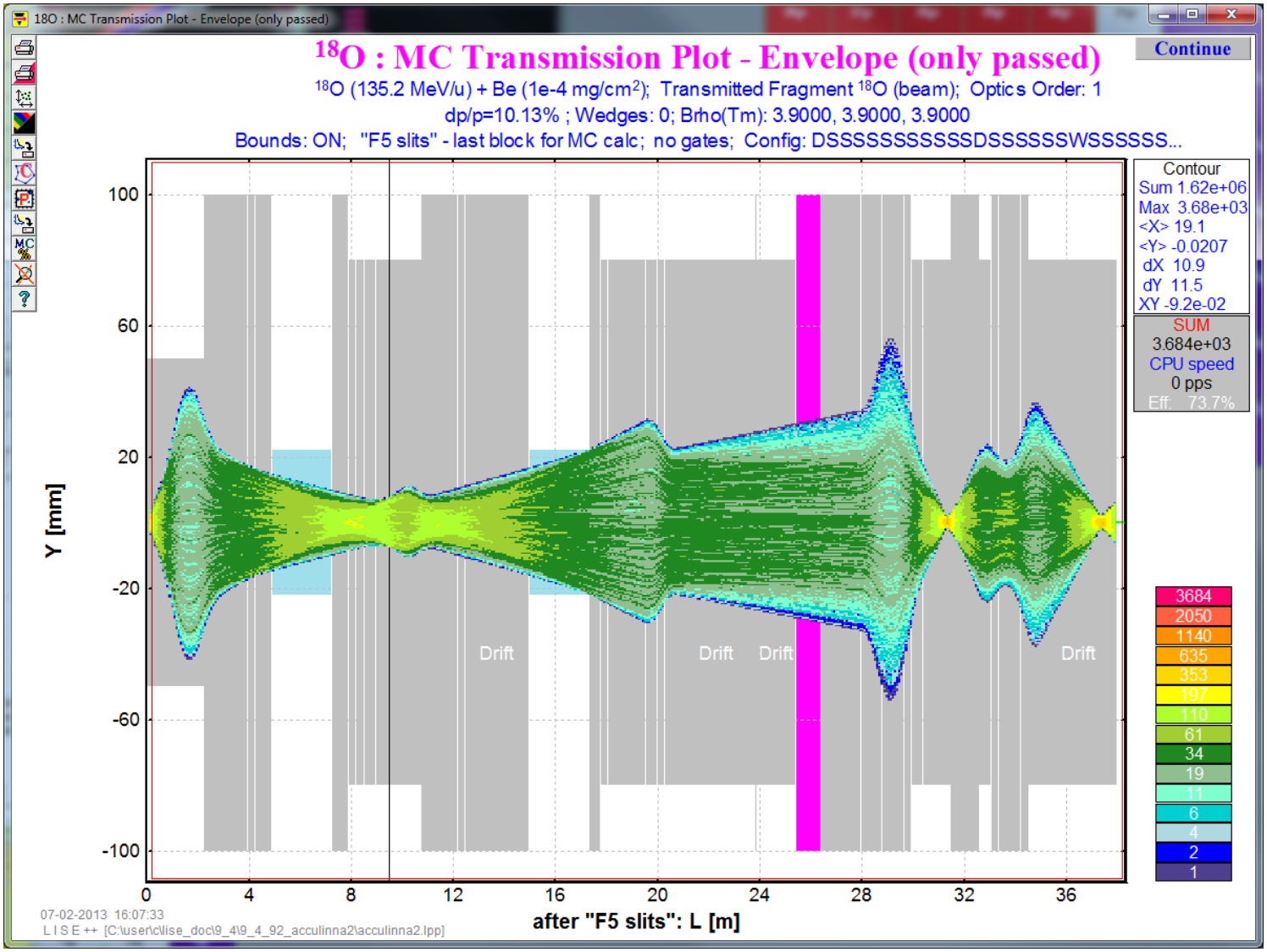


76% transmission



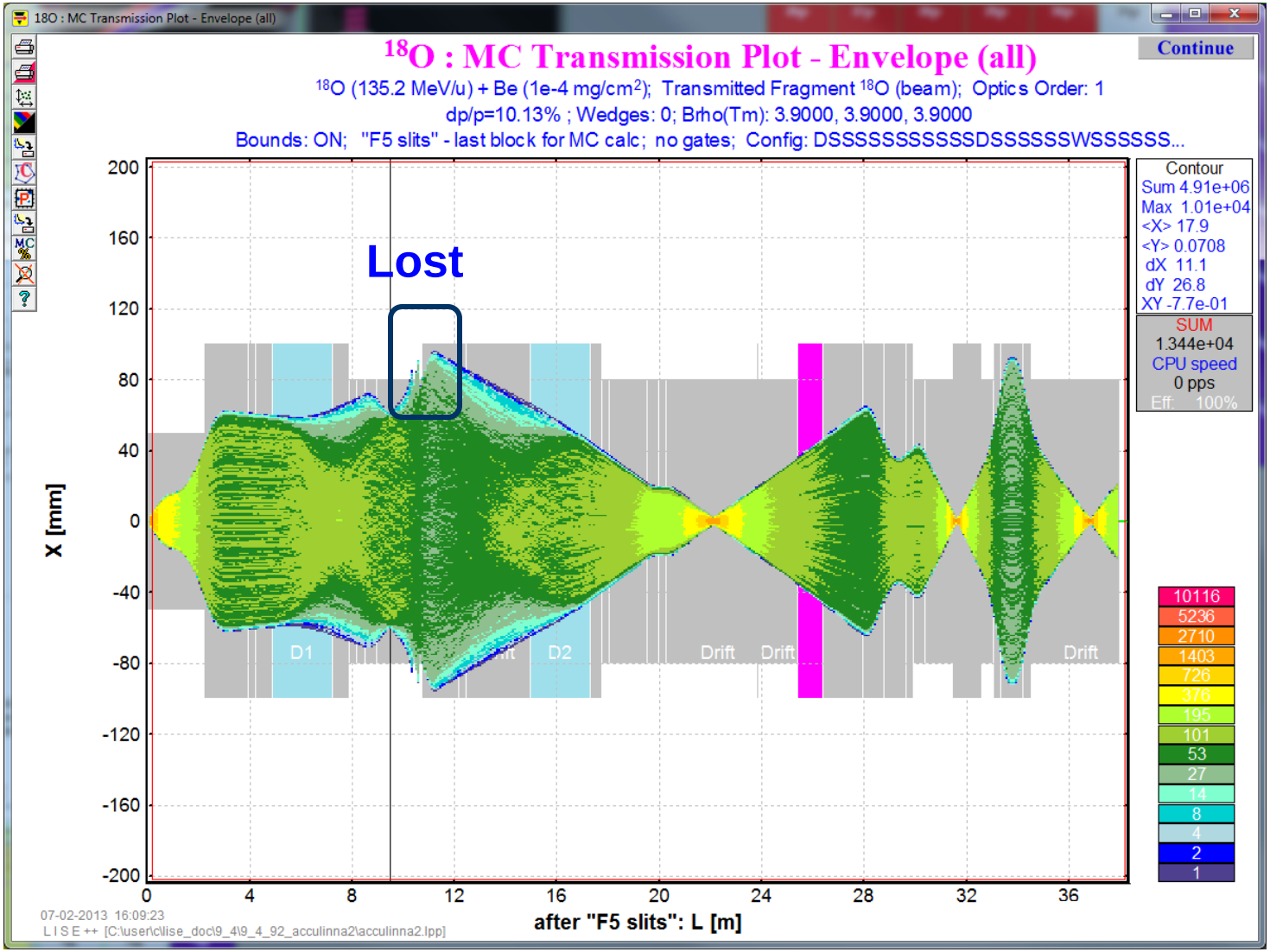
Acculinna 2 : Y-envelope (1-st order) -- WITH bounds

76% transmission



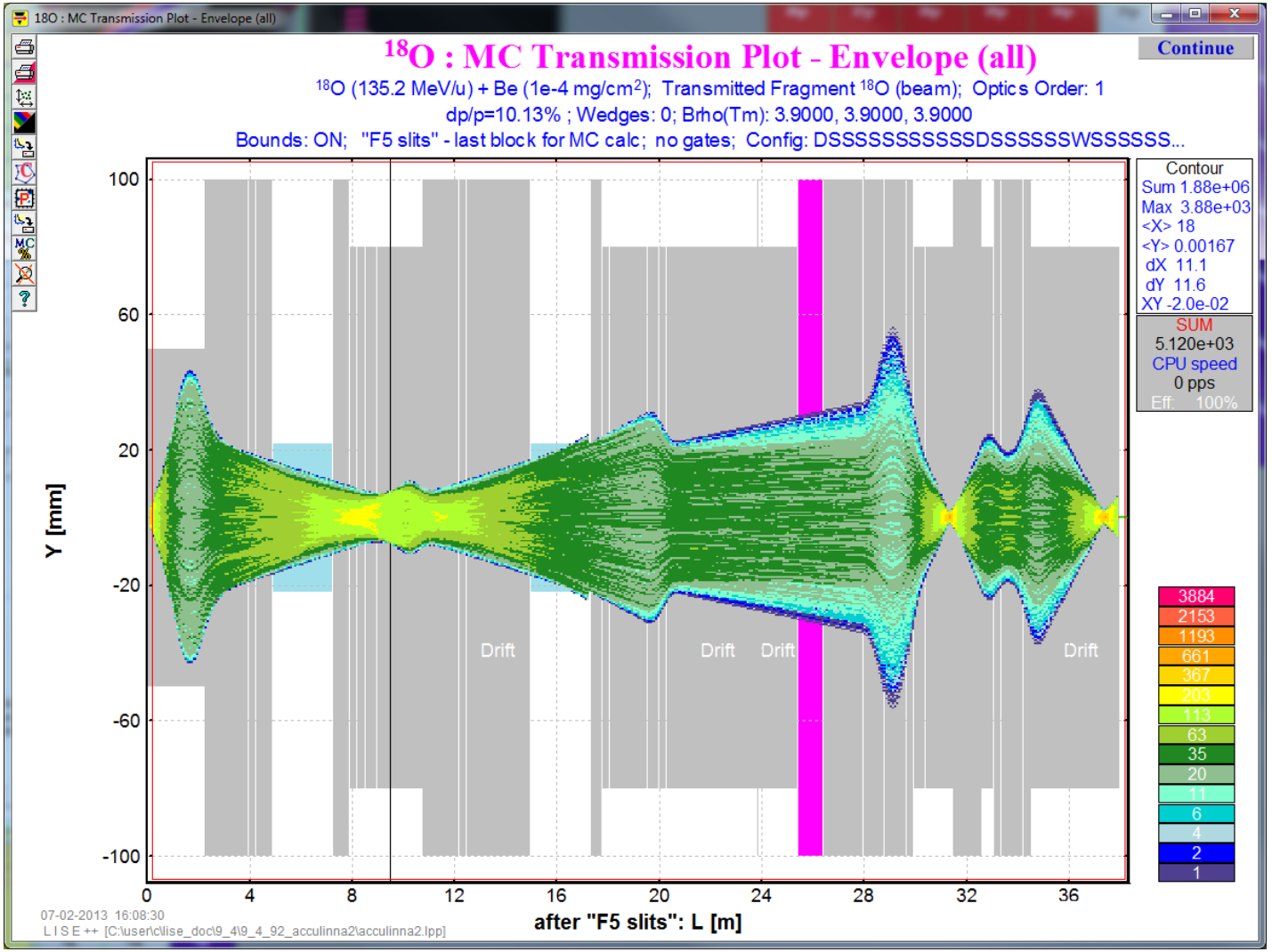
Acculinna 2 : X-envelope (1-st order) -- WITH bounds

Show all



Acculinna 2 : Y-envelope (1-st order) -- WITH bounds

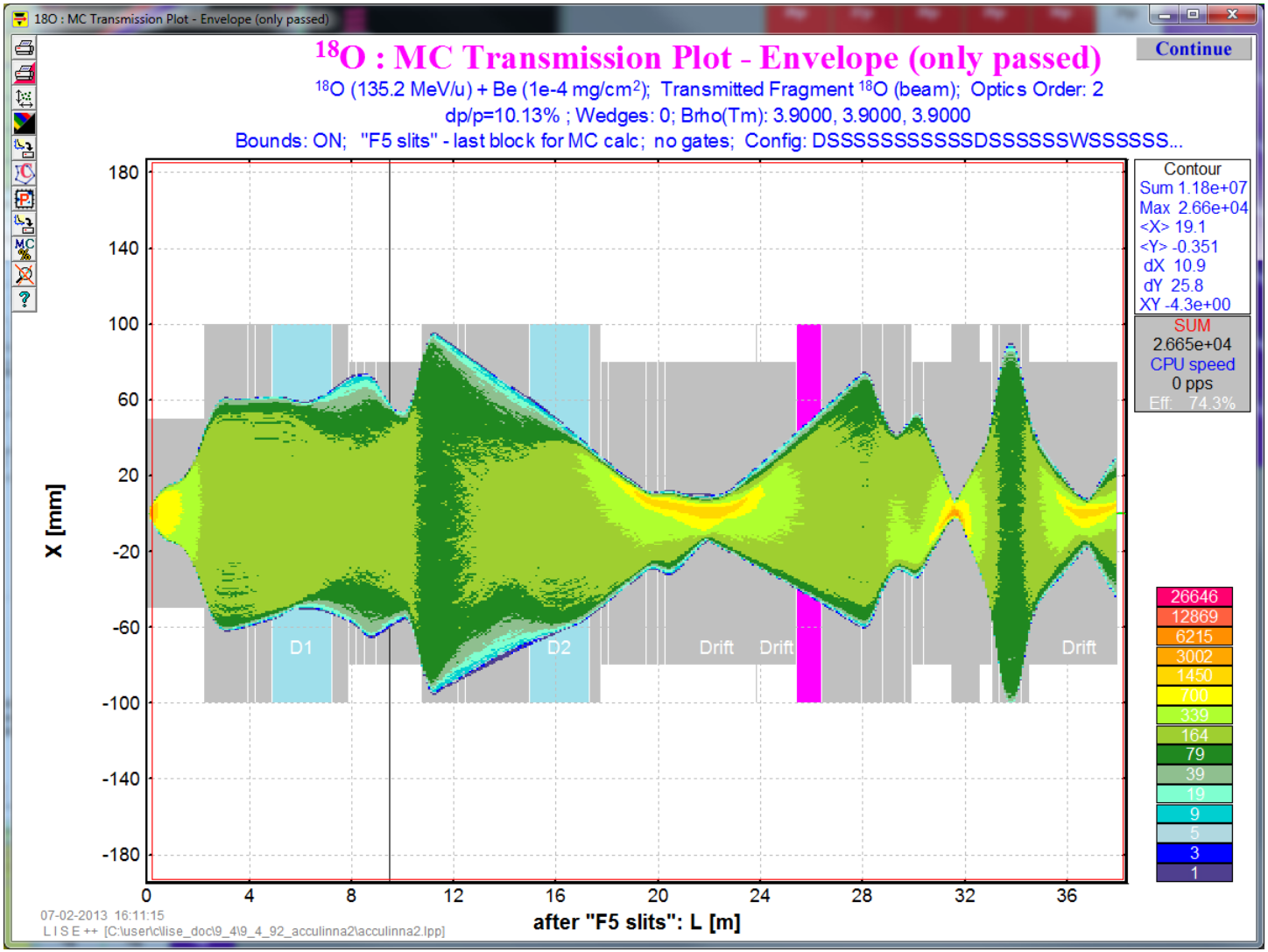
Show all



Acculinna 2 : X-envelope (2-st order) -- WITH bounds

74% transmission

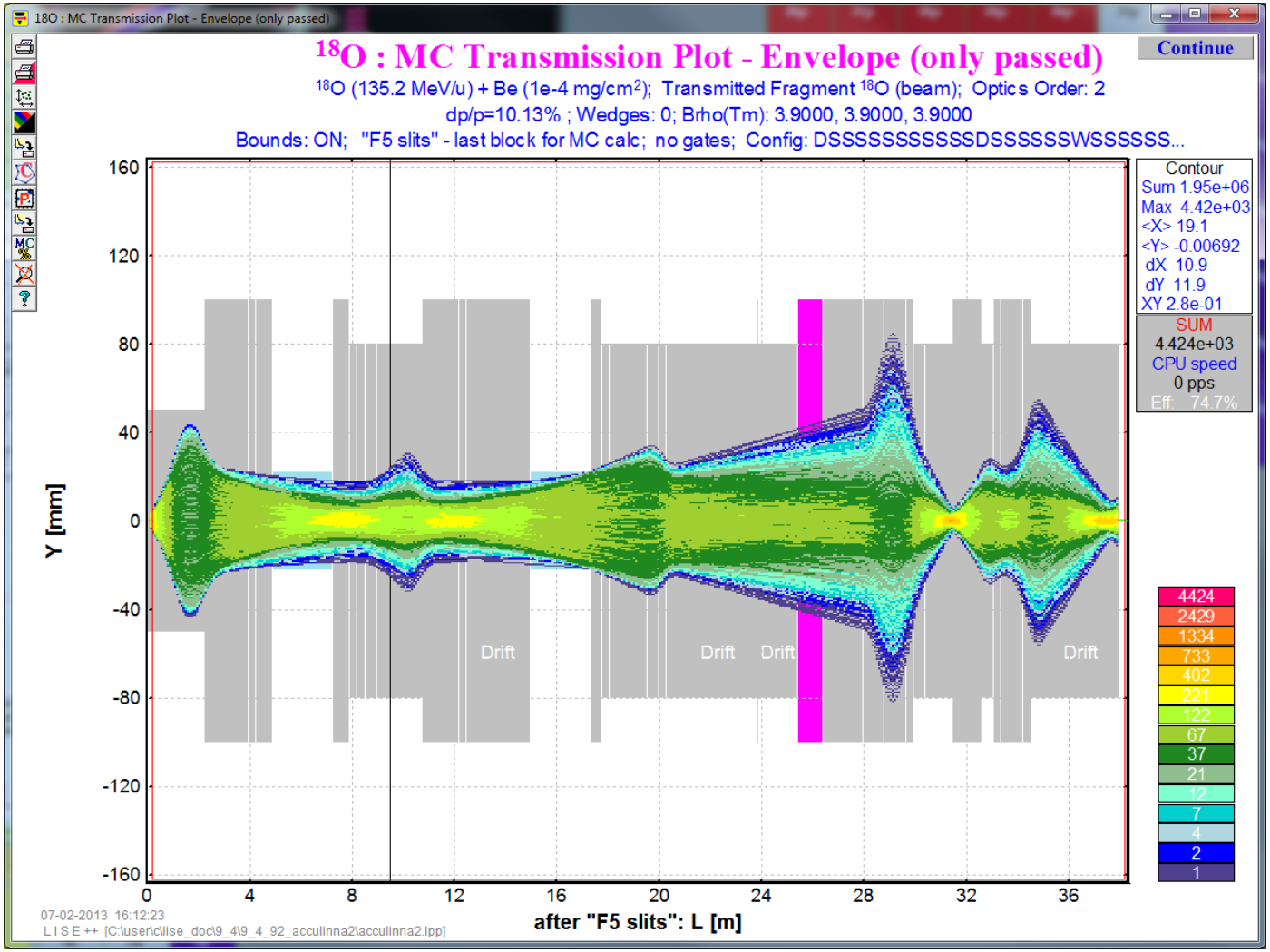
2nd order



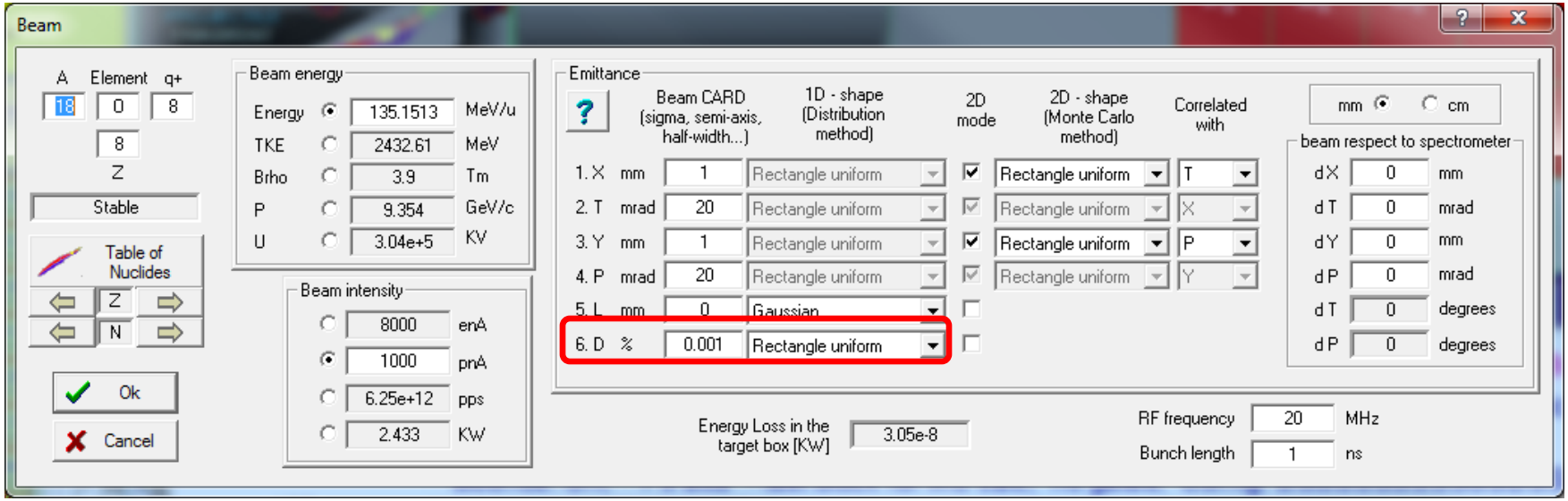
Acculinna 2 : Y-envelope (2-st order) -- WITH bounds

74% transmission

2nd order

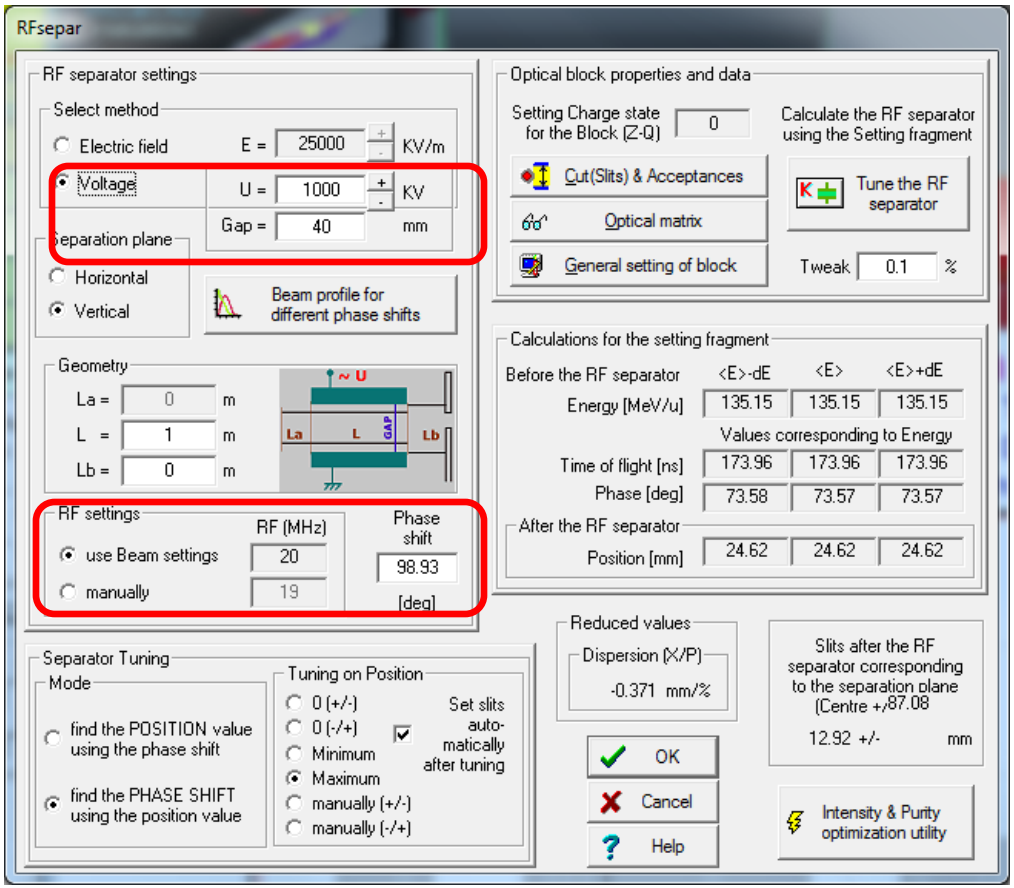


Let's start calculations with the following beam



RF-kicker test

RF-kicker test



Acculinna 2 : Y-envelope (1-st order) -- WITH bounds