

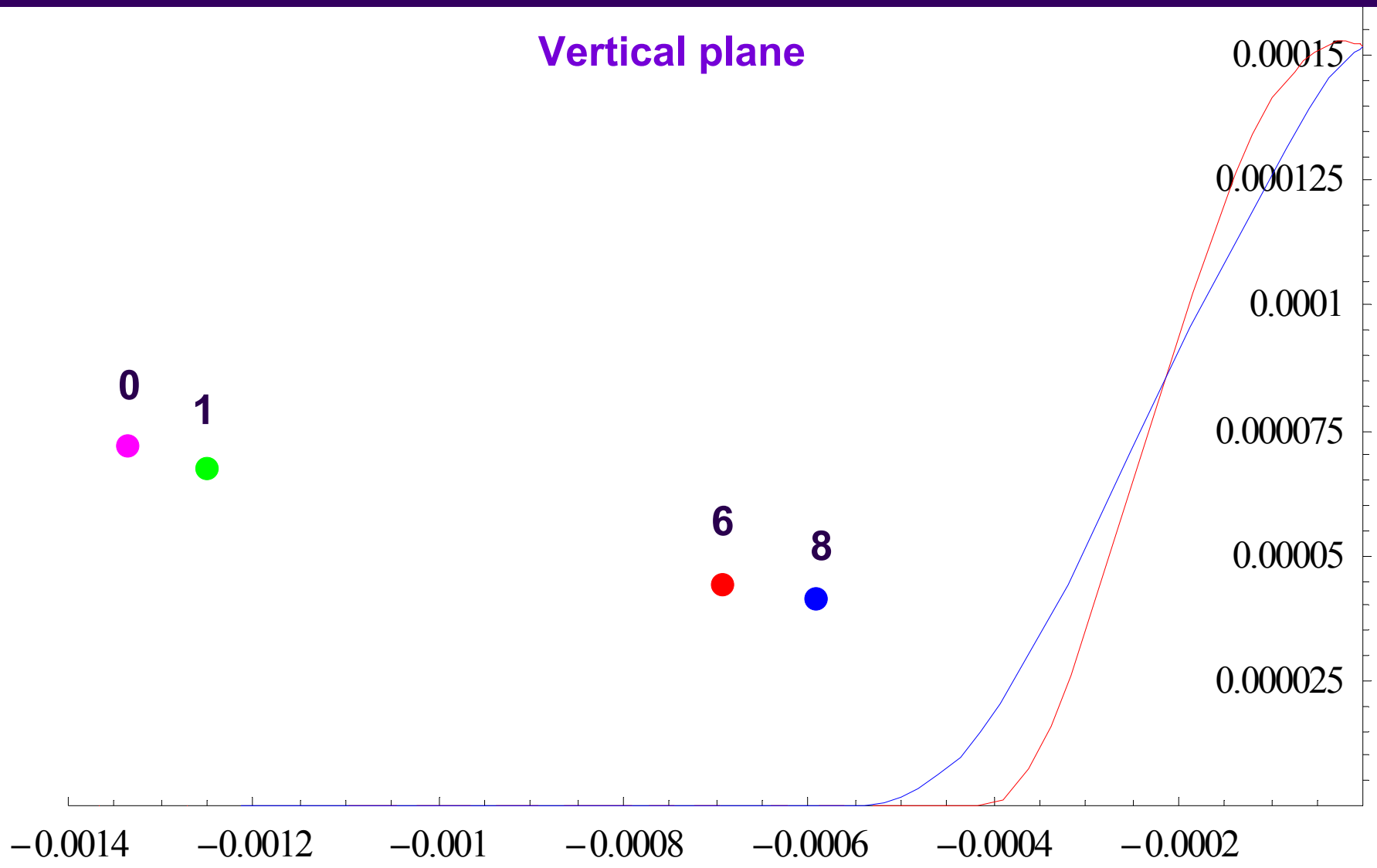
AUTOMATIC COLLIMATOR IMPEDANCE COMPUTATIONS

E. Metral

- ◆ **New Excel files sent by Ralph Assmann (13/11/03)**
 - ⇒ **Option 0 to 8 (injection and top energy)**
- ◆ **Results here (without coating) for Option 0,1,6 and 8 (required by Ralph for this afternoon)**

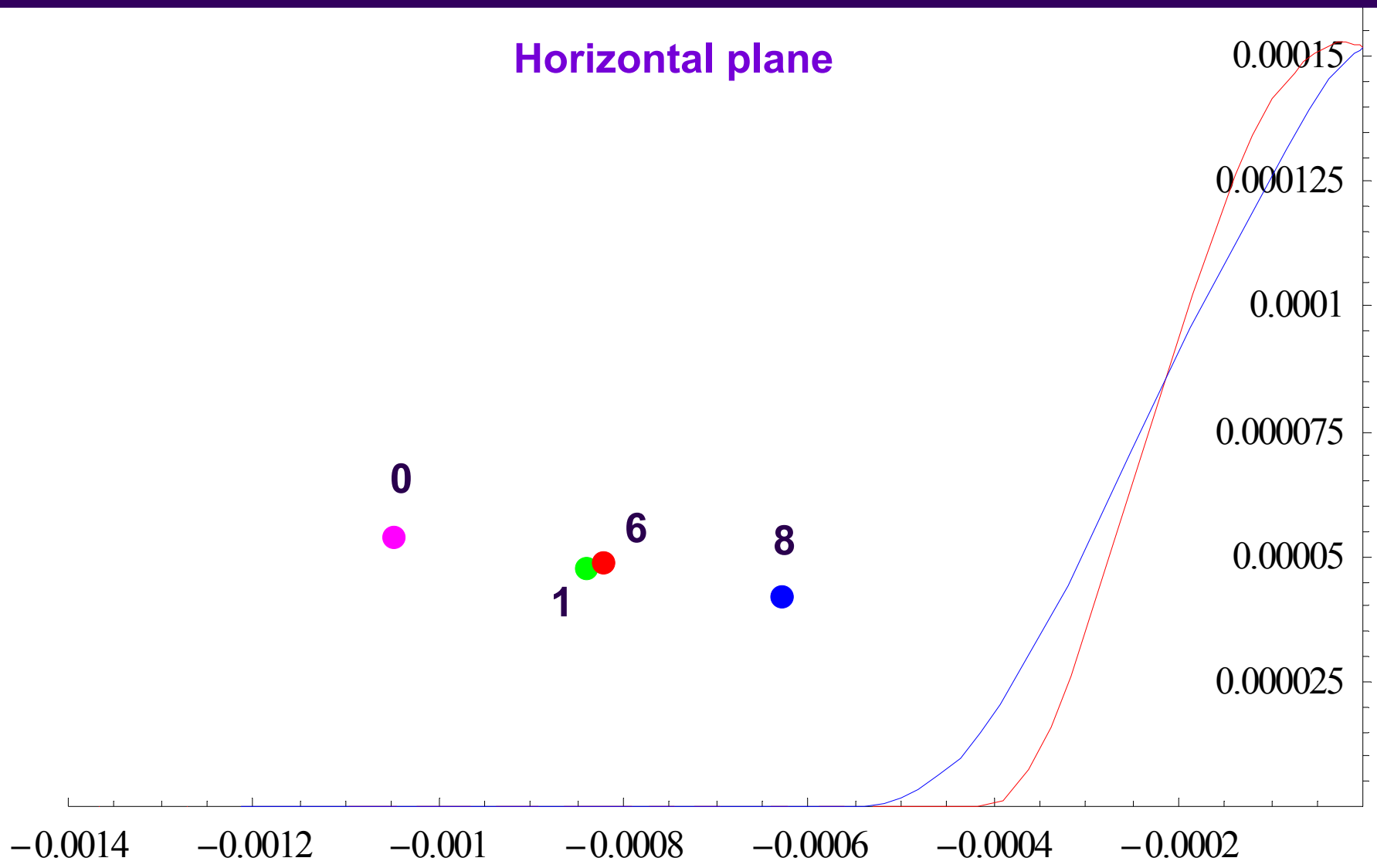
Stability diagram (maximum octupoles) and collective tune shift for the most unstable coupled-bunch mode and head-tail mode 0 (1.1e11 p/b at 7 TeV)

Vertical plane

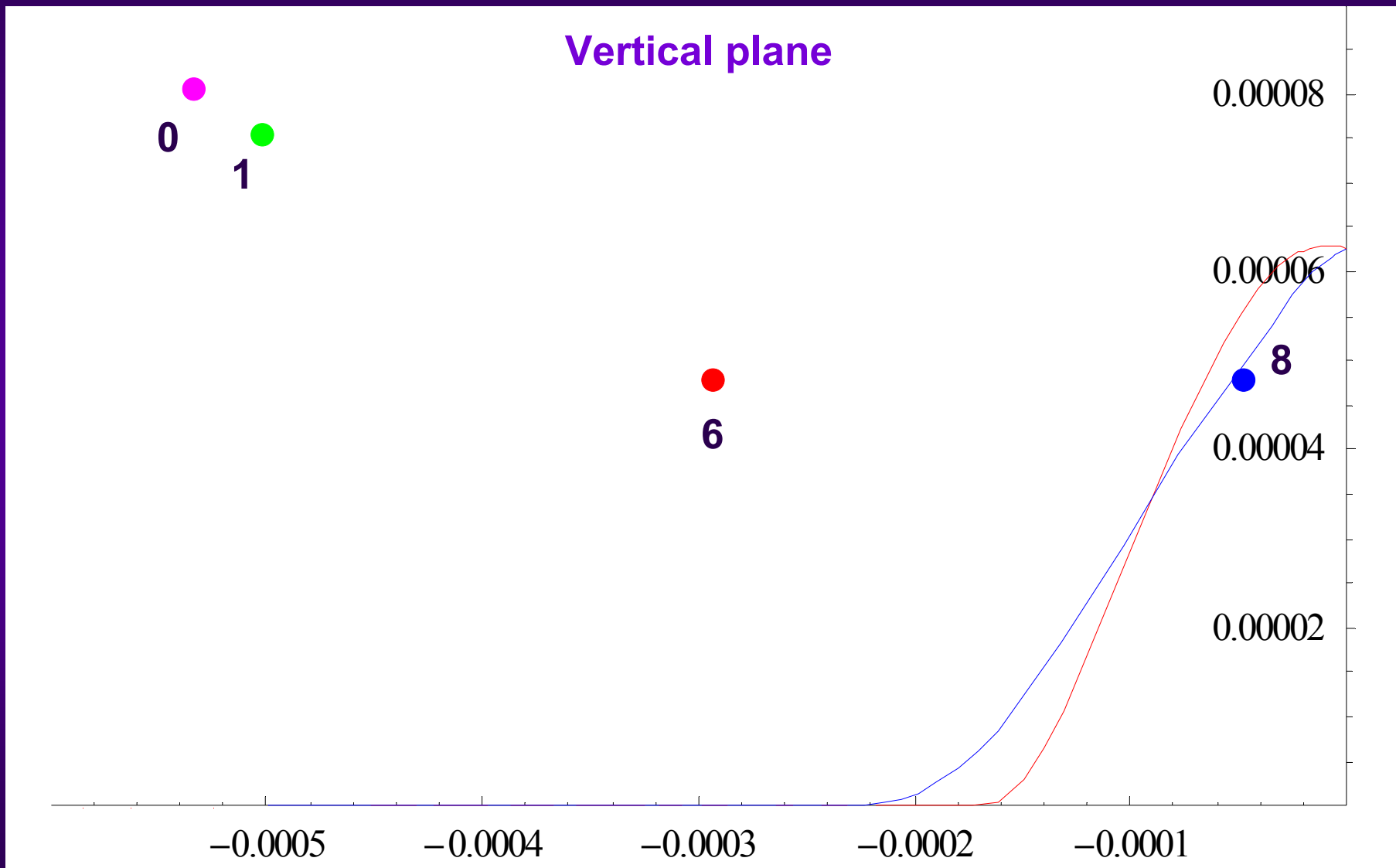


Stability diagram (maximum octupoles) and collective tune shift for the most unstable coupled-bunch mode and head-tail mode 0 (1.1e11 p/b at 7 TeV)

Horizontal plane



Stability diagram (maximum octupoles) and collective tune shift for the most unstable coupled-bunch mode and head-tail mode 0 (1.1e11 p/b at 450 GeV)



Stability diagram (maximum octupoles) and collective tune shift for the most unstable coupled-bunch mode and head-tail mode 0 (1.1e11 p/b at 450 GeV)

Horizontal plane

