

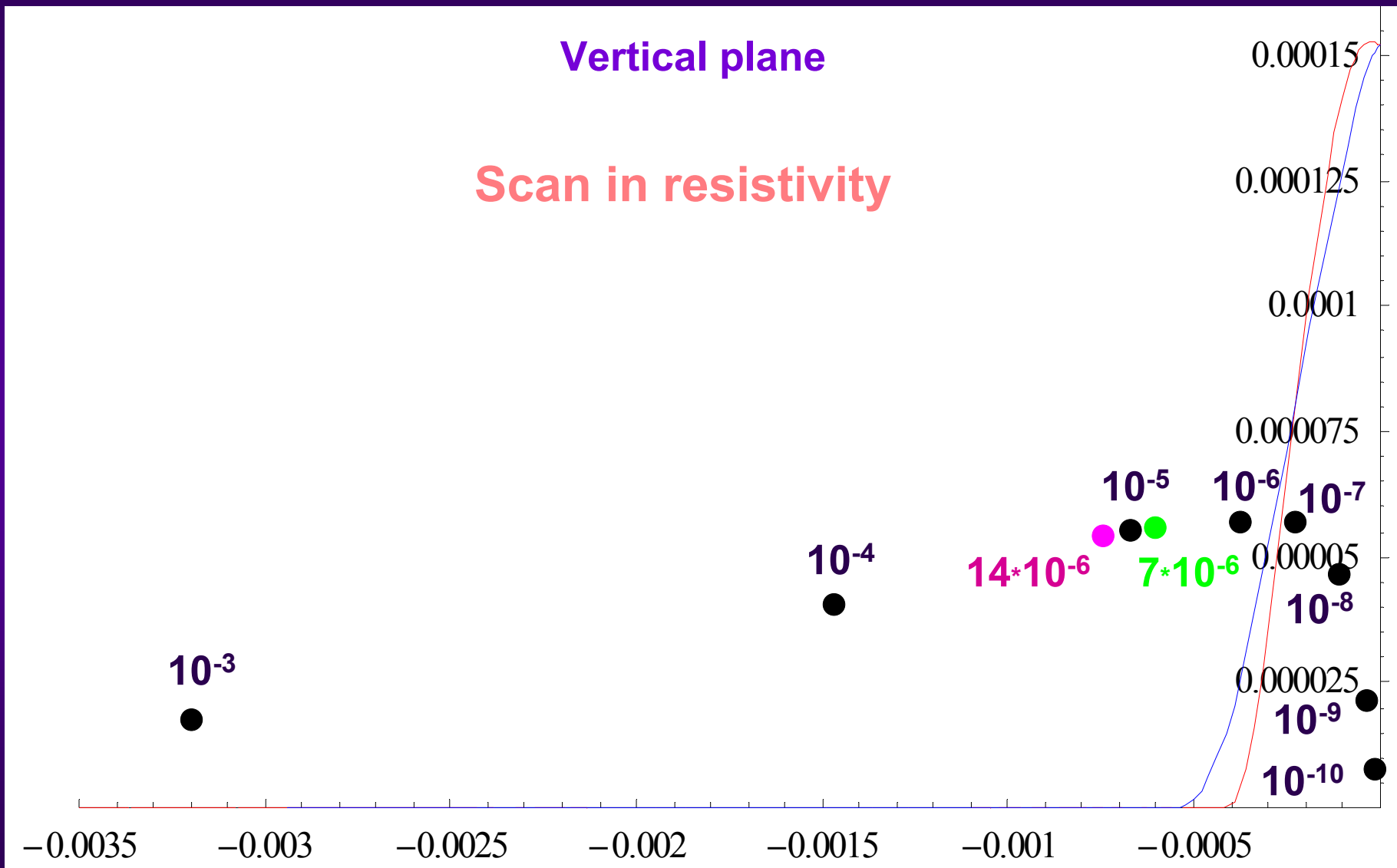
AUTOMATIC COLLIMATOR IMPEDANCE COMPUTATIONS

E. Metral

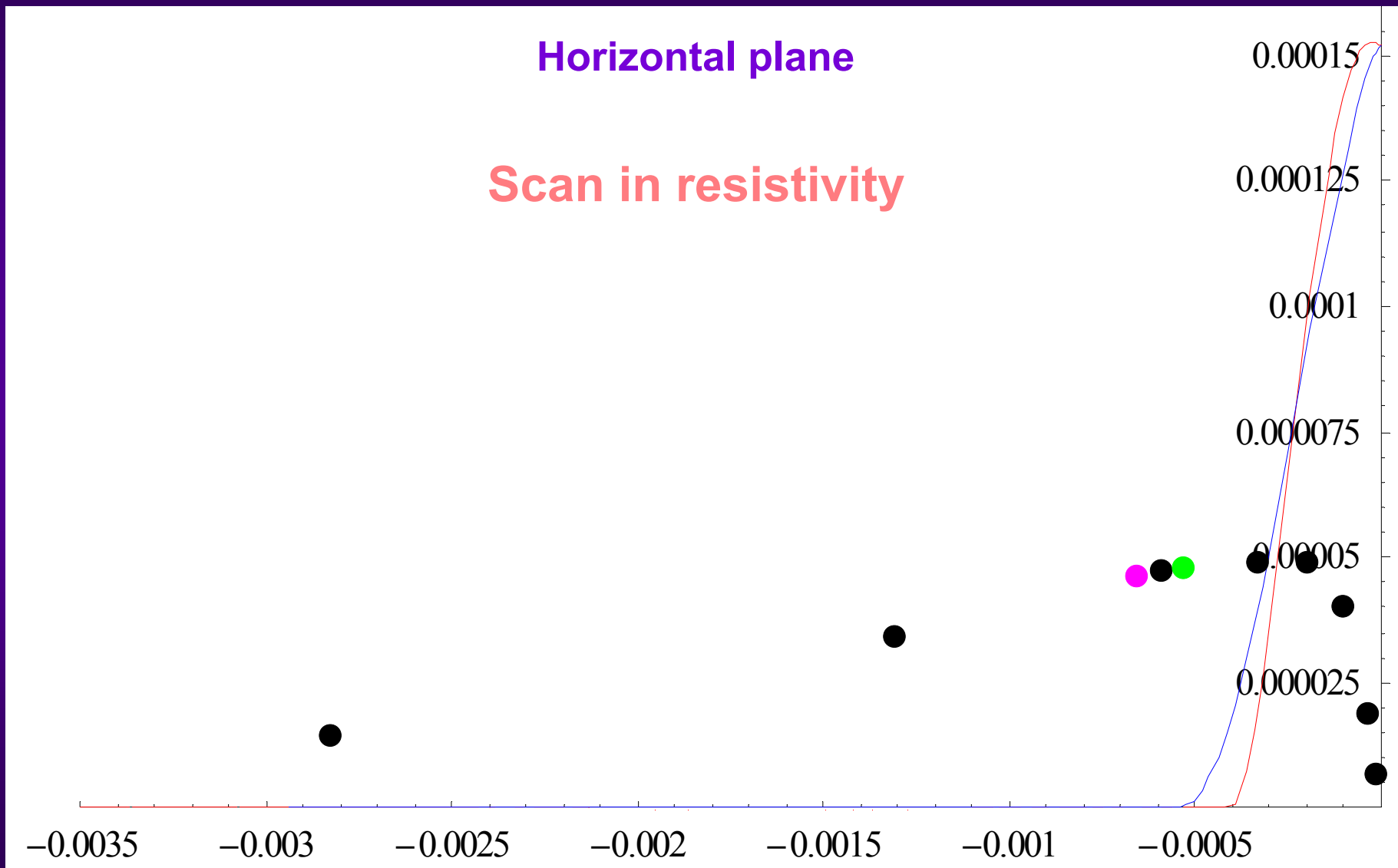
- ◆ **Results for the final IR7 optics (v26top6n1b1)
+ IR3 (June version, after discussion with Ralph)**
 - **Without coating**
 - **Scan in resistivity**
 - **Scan in the gap of the secondaries**
 - **With coating (1 micrometer of Cu)**
 - **Scan in resistivity**
 - **Scan in the gap of the secondaries**

$$\rho_{Cu} = 1.5 \times 10^{-8} \Omega m$$

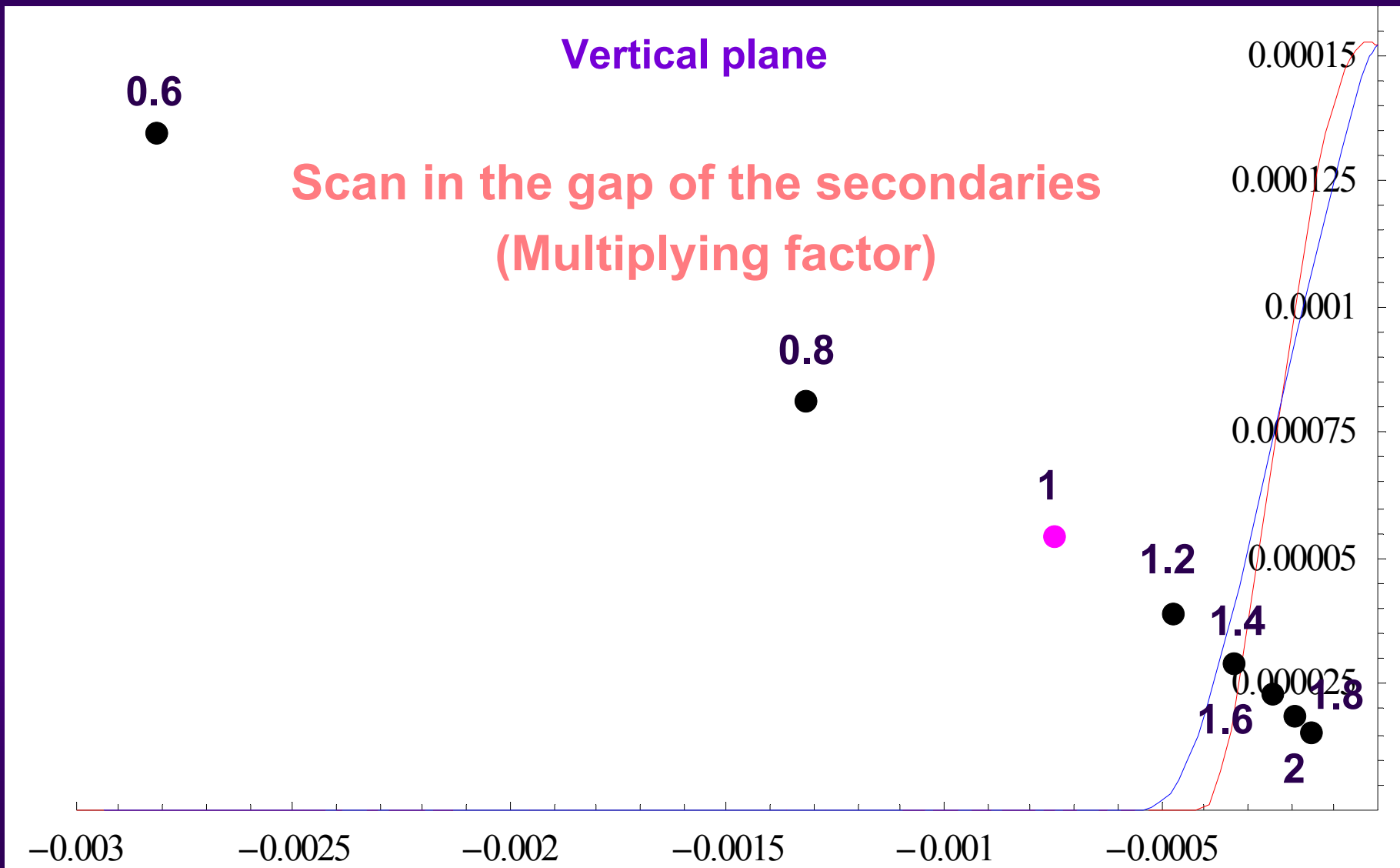
Stability diagram (maximum octupoles) and collective tune shift for the most unstable coupled-bunch mode and head-tail mode 0 (1.15e11 p/b at 7 TeV)



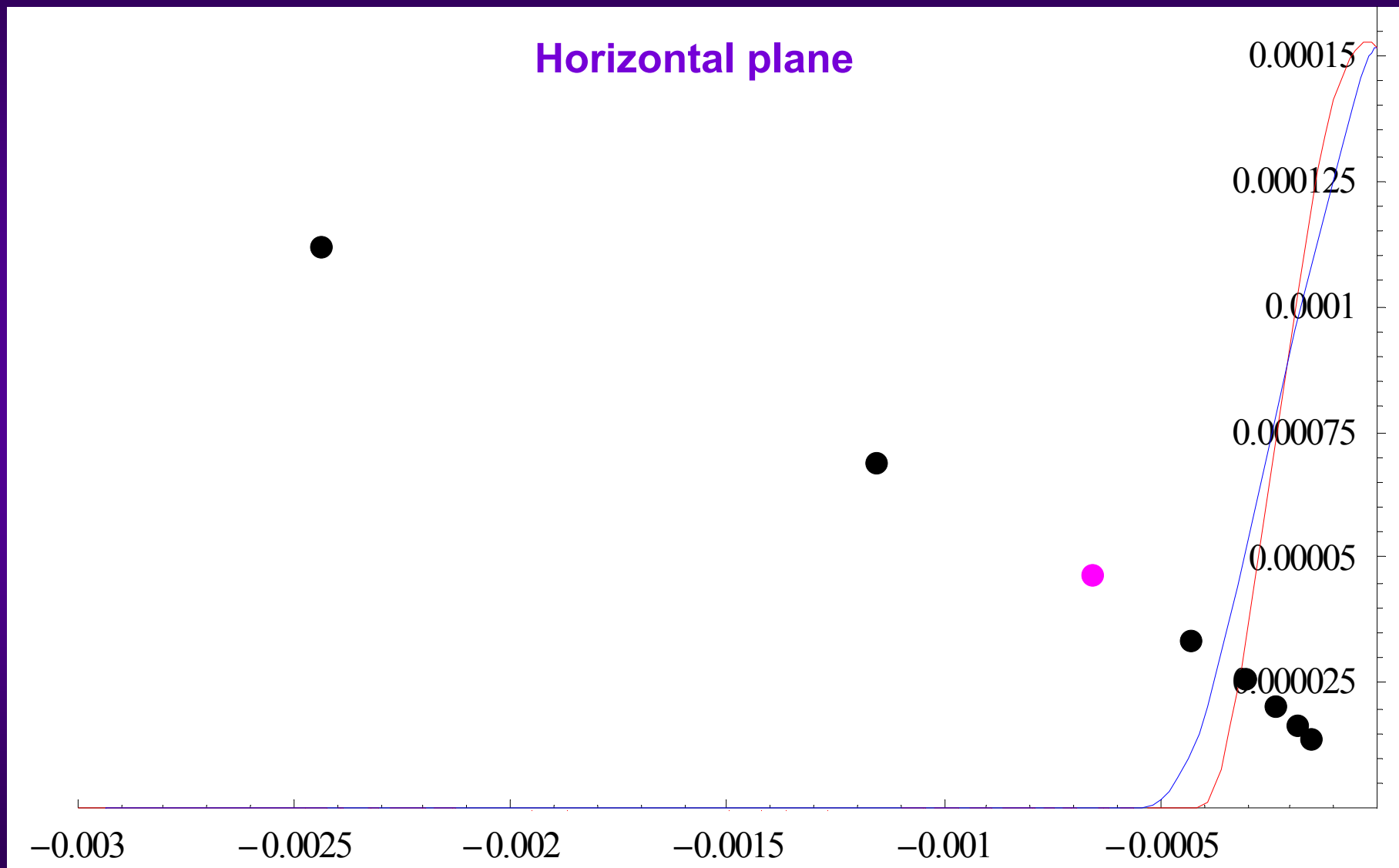
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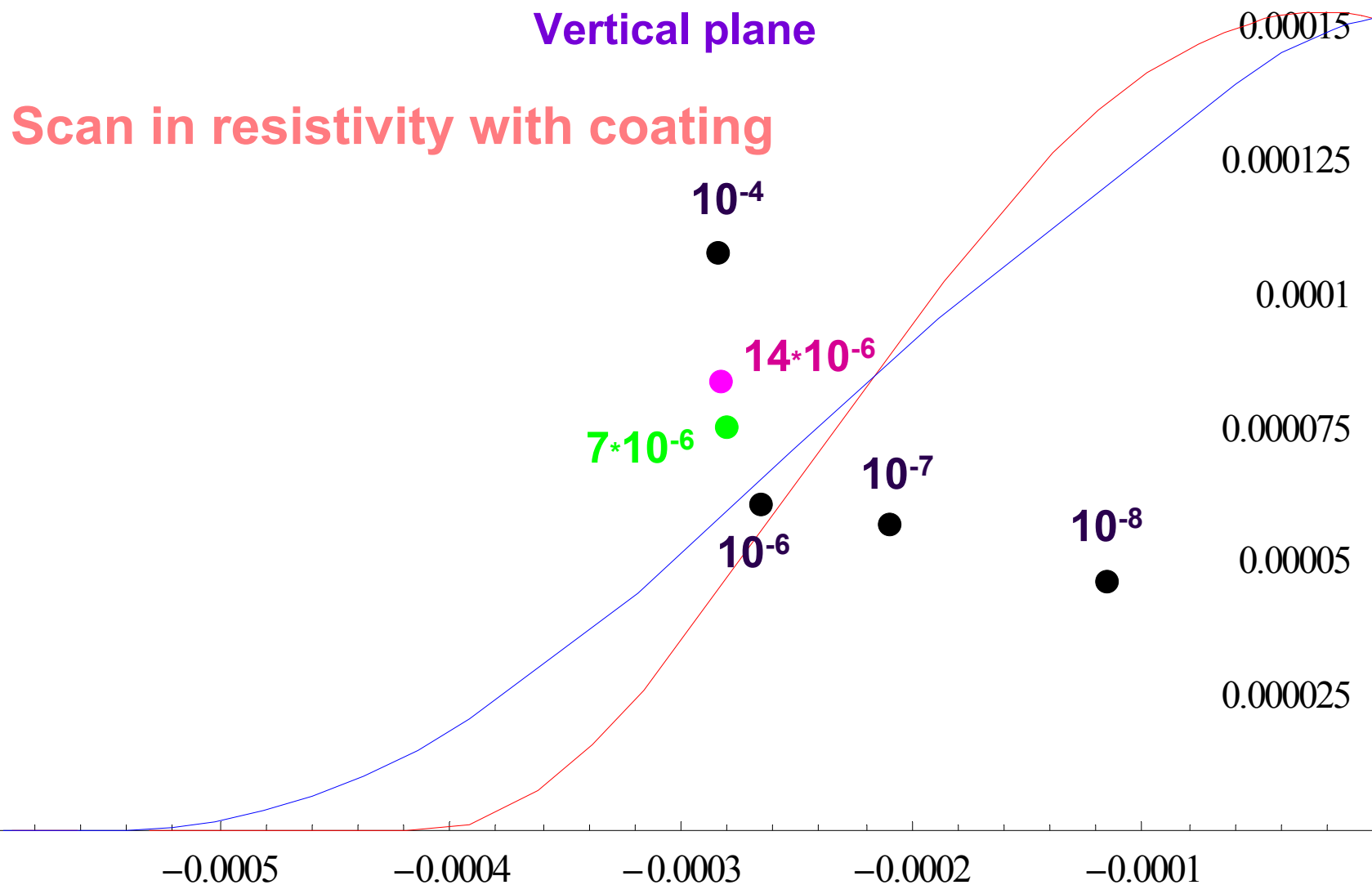
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