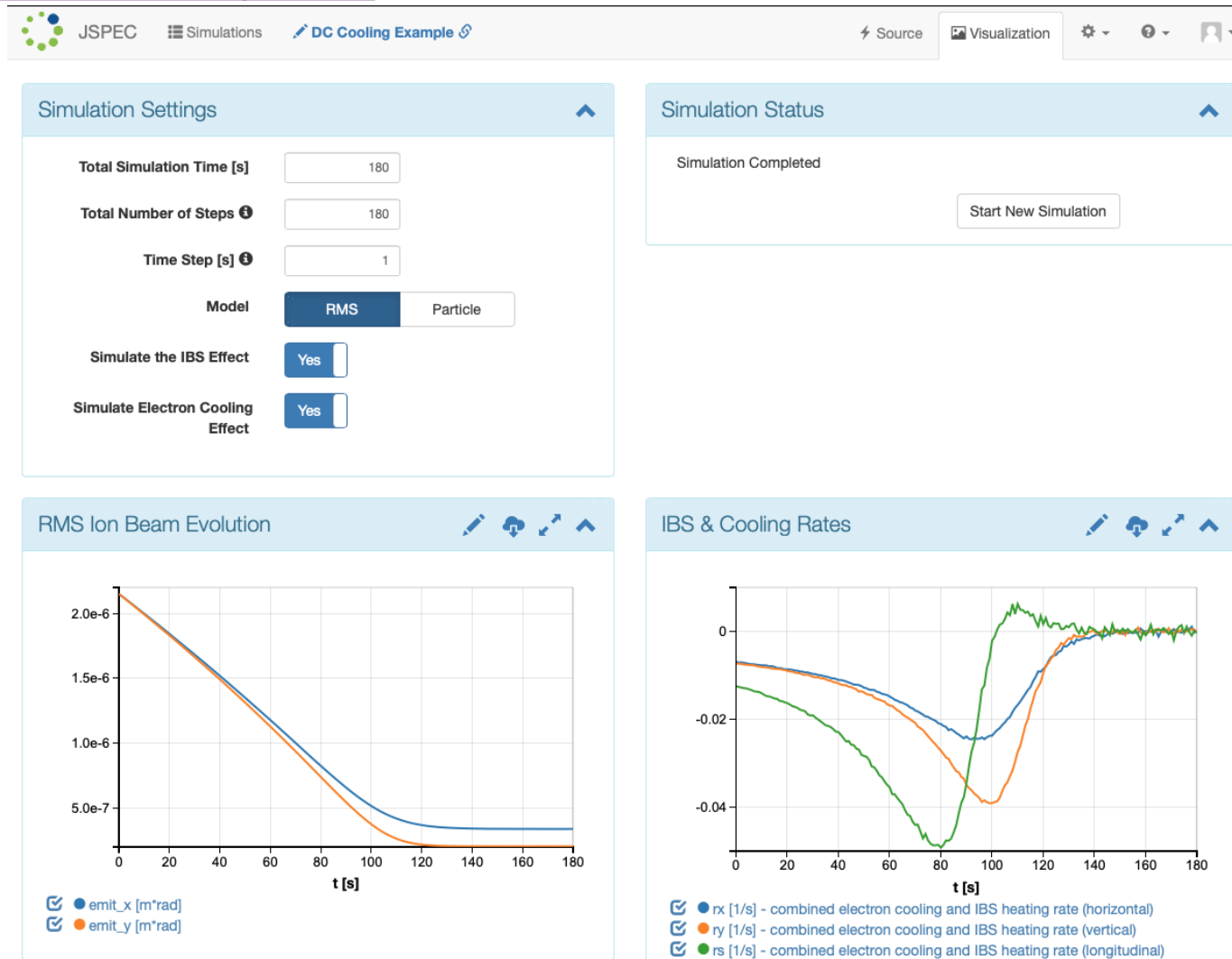


# BETACOOOL source update (and JSPEC)

- **Betacool source code now publicly available on github:**
  - I had green light from A. Sidorin: “BETACOOOL never was a commercial product and everybody can distribute it by free”
  - Source code and executables for Linux/Windows/MacOSX: <https://github.com/dgamba/betacool>
    - Still keeping a mirror repository on CERN gitlab: <https://gitlab.cern.ch/e-beam/betacool>
- **Found also another code for cooling studies used at Jlab, called JSPEC:**
  - Source code and executable: <https://github.com/zhanghe9704/electroncooling>
  - Some recent publication: <https://napac2019.vrws.de/papers/tuplo04.pdf>
  - It is supposed to be benchmarked against Betacool (didn't find a real publication, yet)
  - It has an online interface provided by Radasoft LLC: <https://www.sirepo.com/jspec#>
  - **Active development!** (e.g. <https://github.com/radasoft/electroncooling/pull/10>)
  - **To be tried!**

# JSPEC online (by Radiasoft LLC)

from: <https://www.sirepo.com/jspec#>



# JSPEC Comparison with betacool for several models

from: <https://github.com/radiasoft/electroncooling/pull/10>

