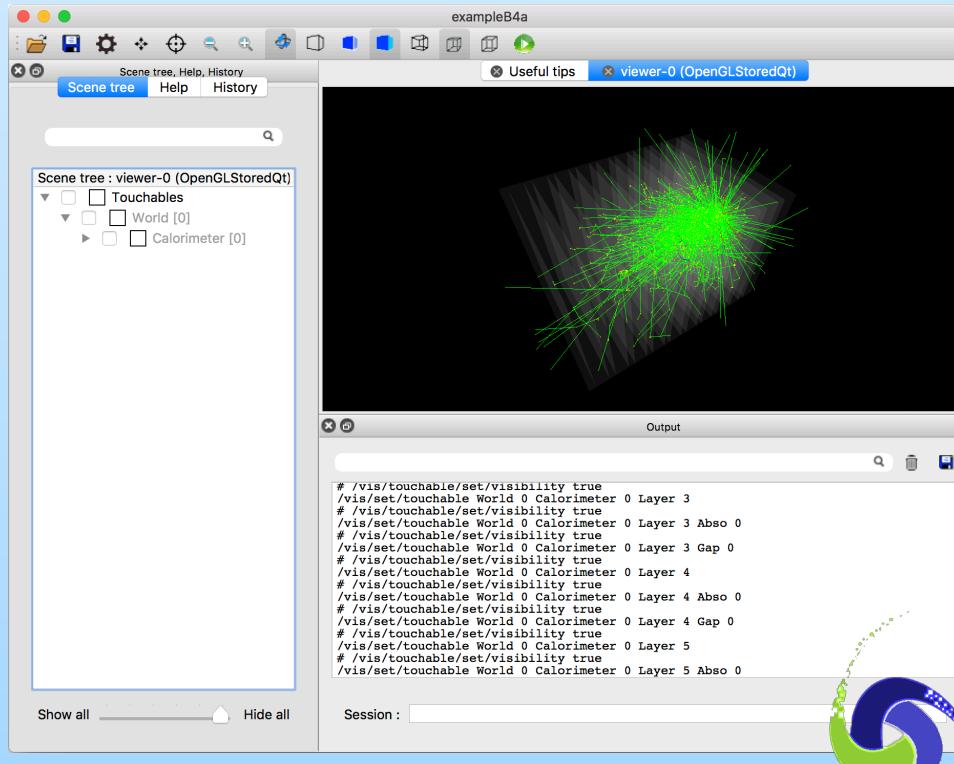


Geant4 tutorial,

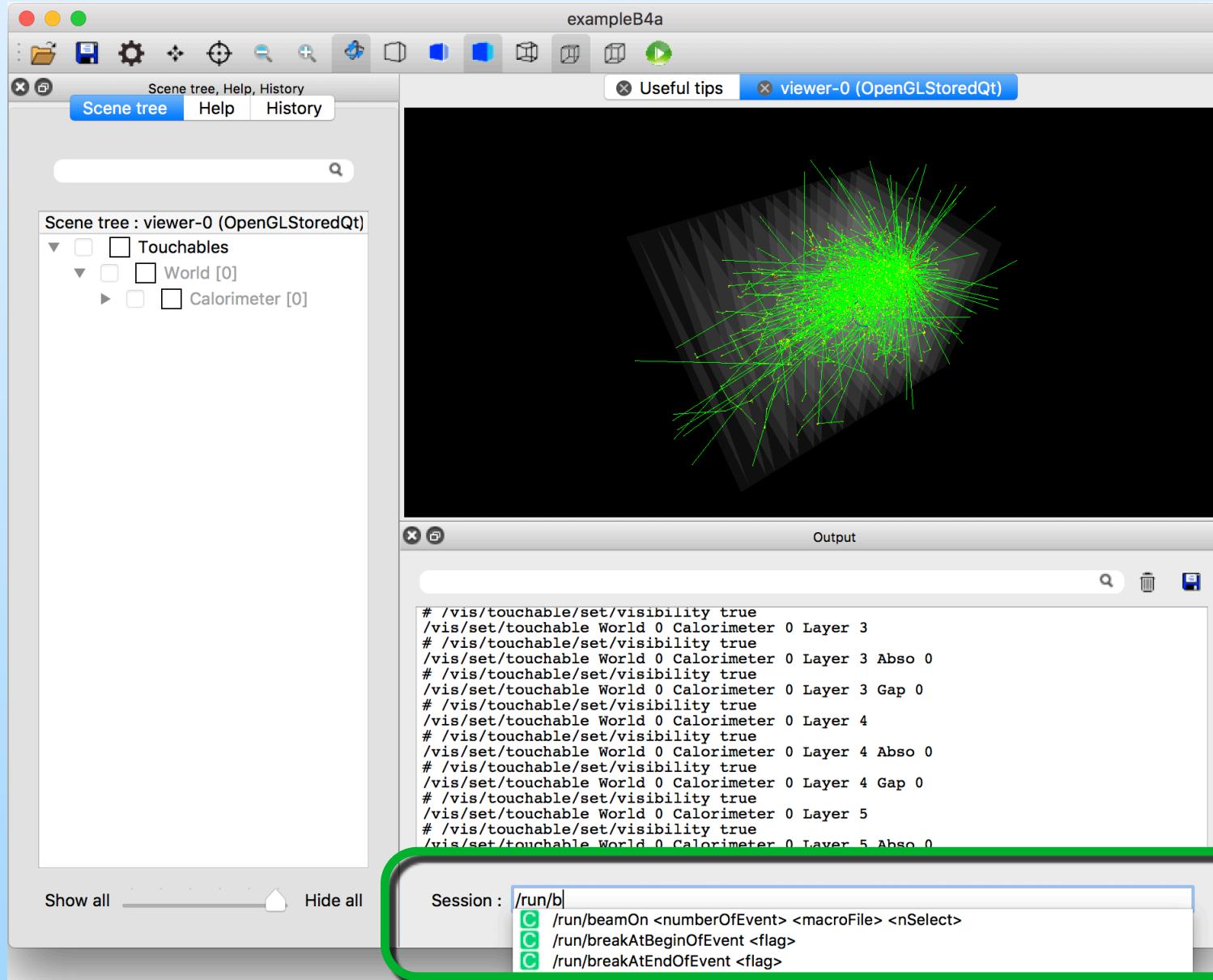
Laurent GARNIER, IRISA / INS2I / CNRS

Introduction to Qt driver



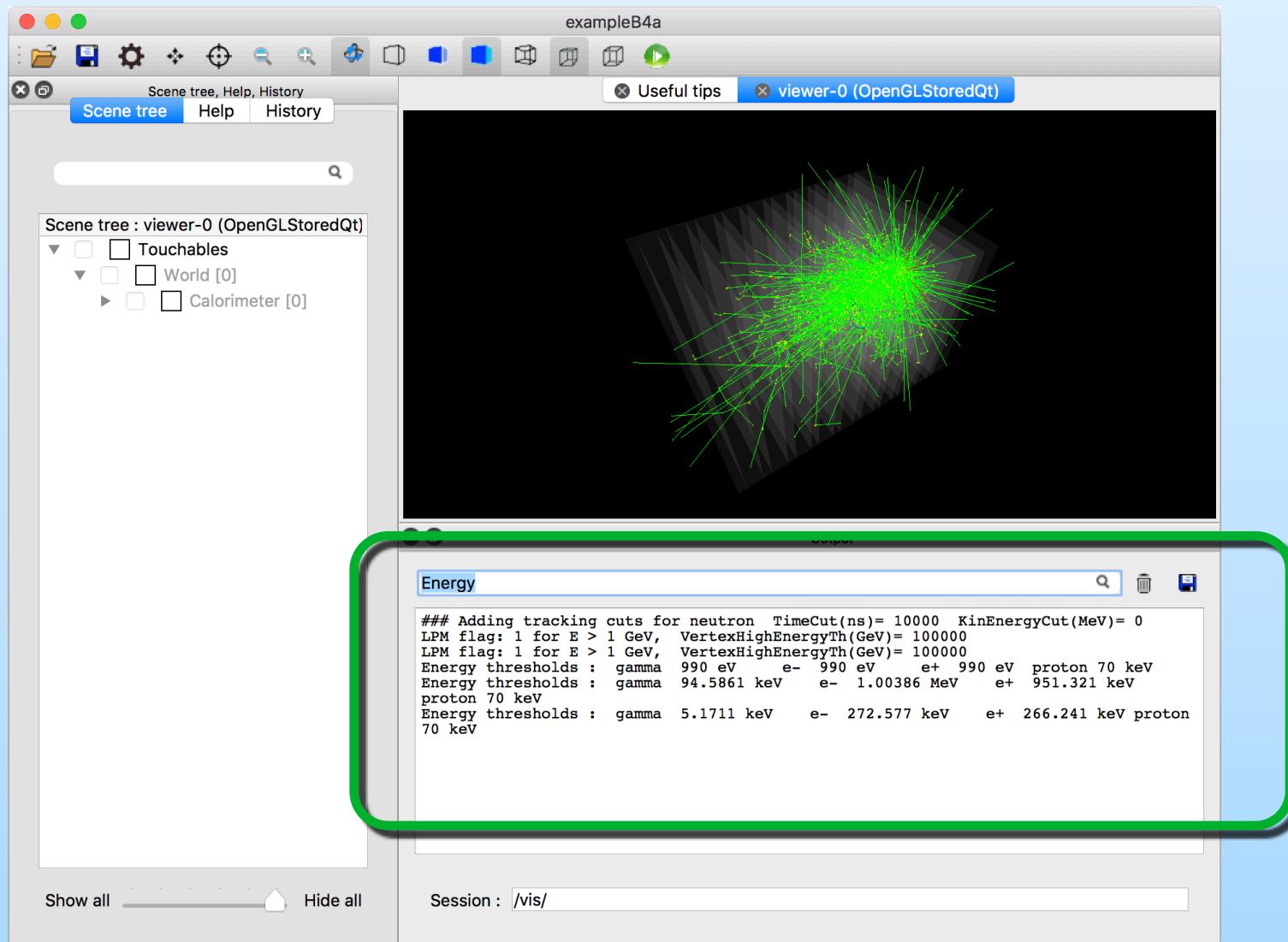
Qt driver - Command line (1/2)

« Tab » is a useful way to complete a command



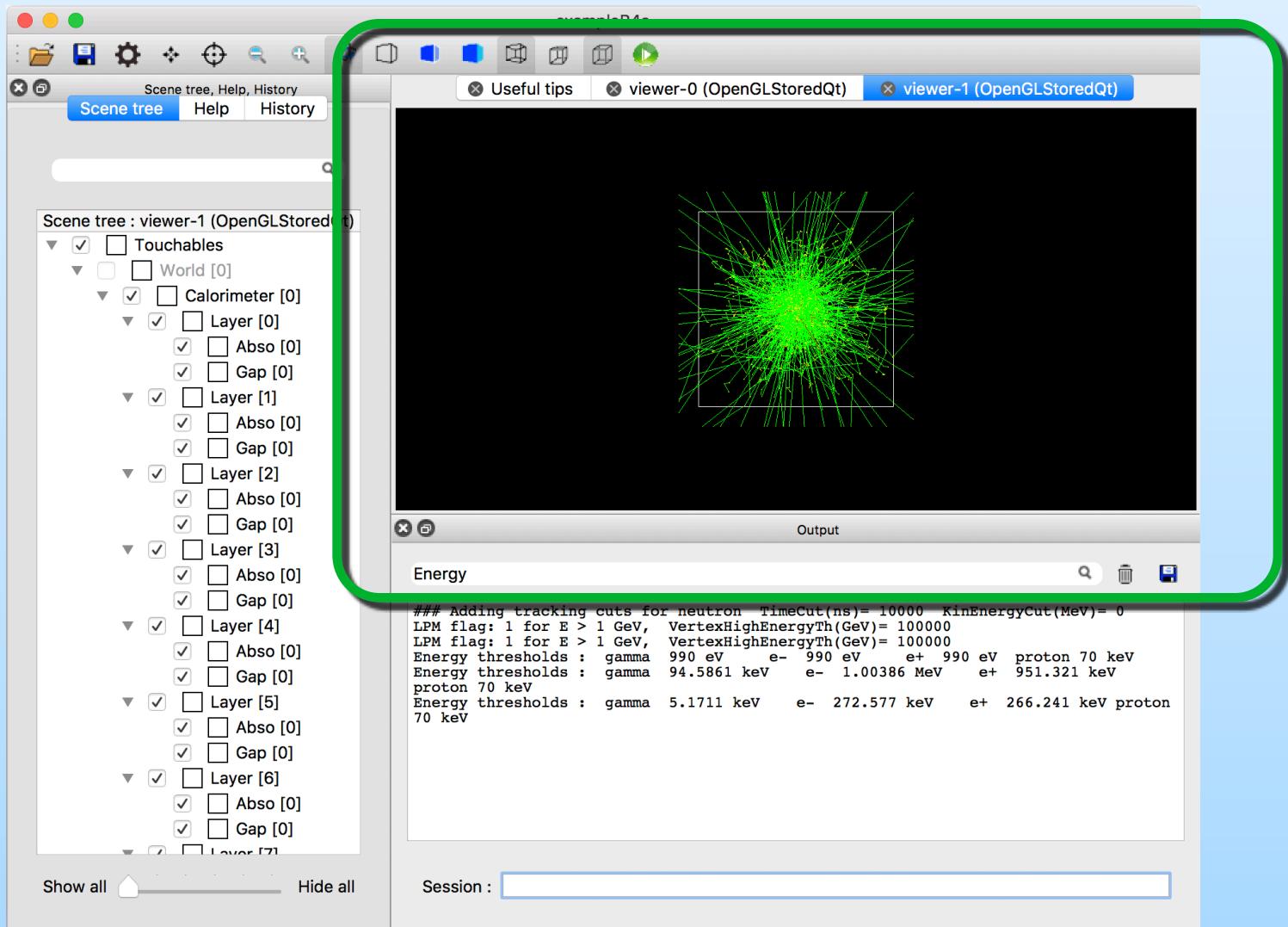
Qt driver - Output

See all outputs, you can add filter



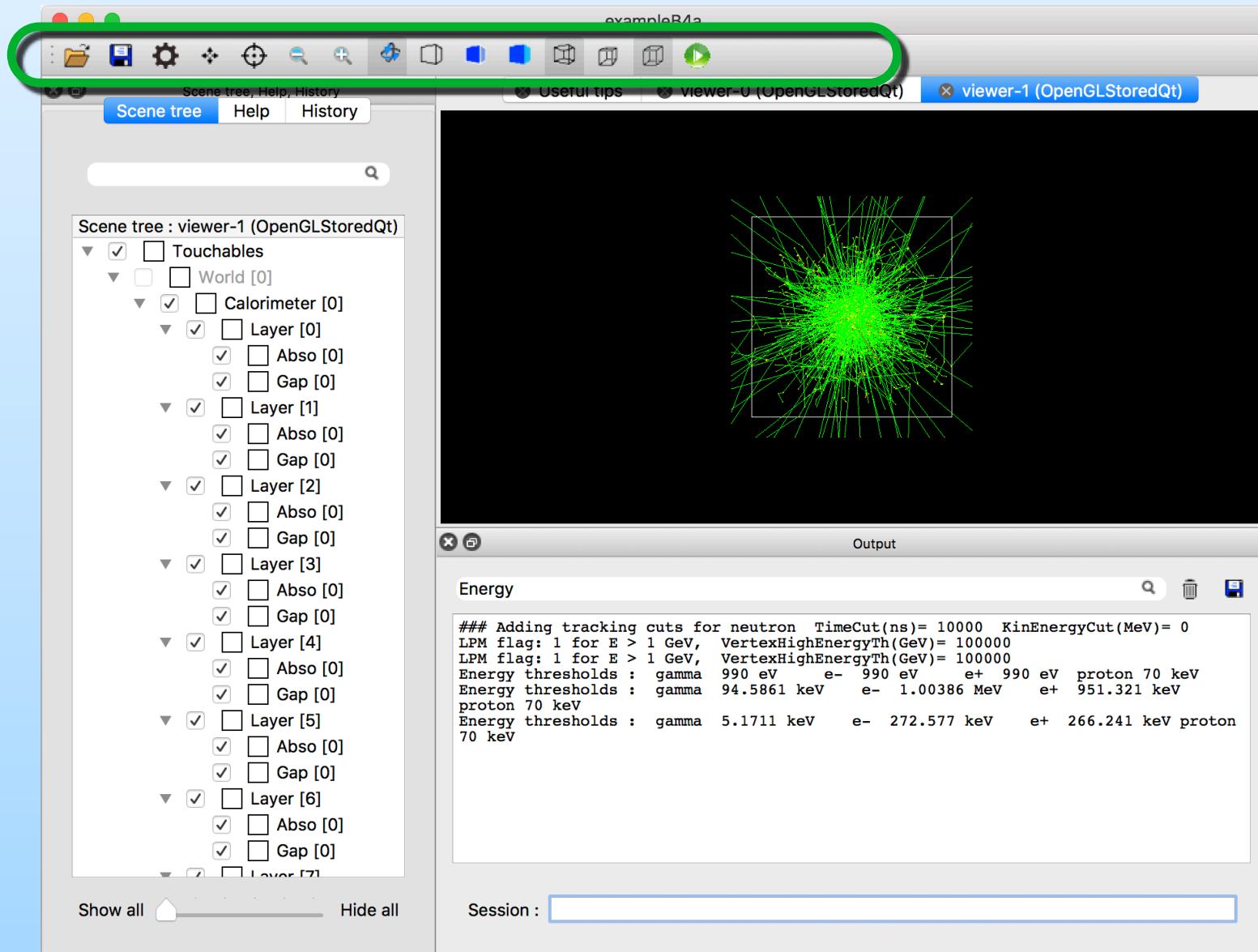
Qt driver - Visualization

Visualization window, one tab by viewer



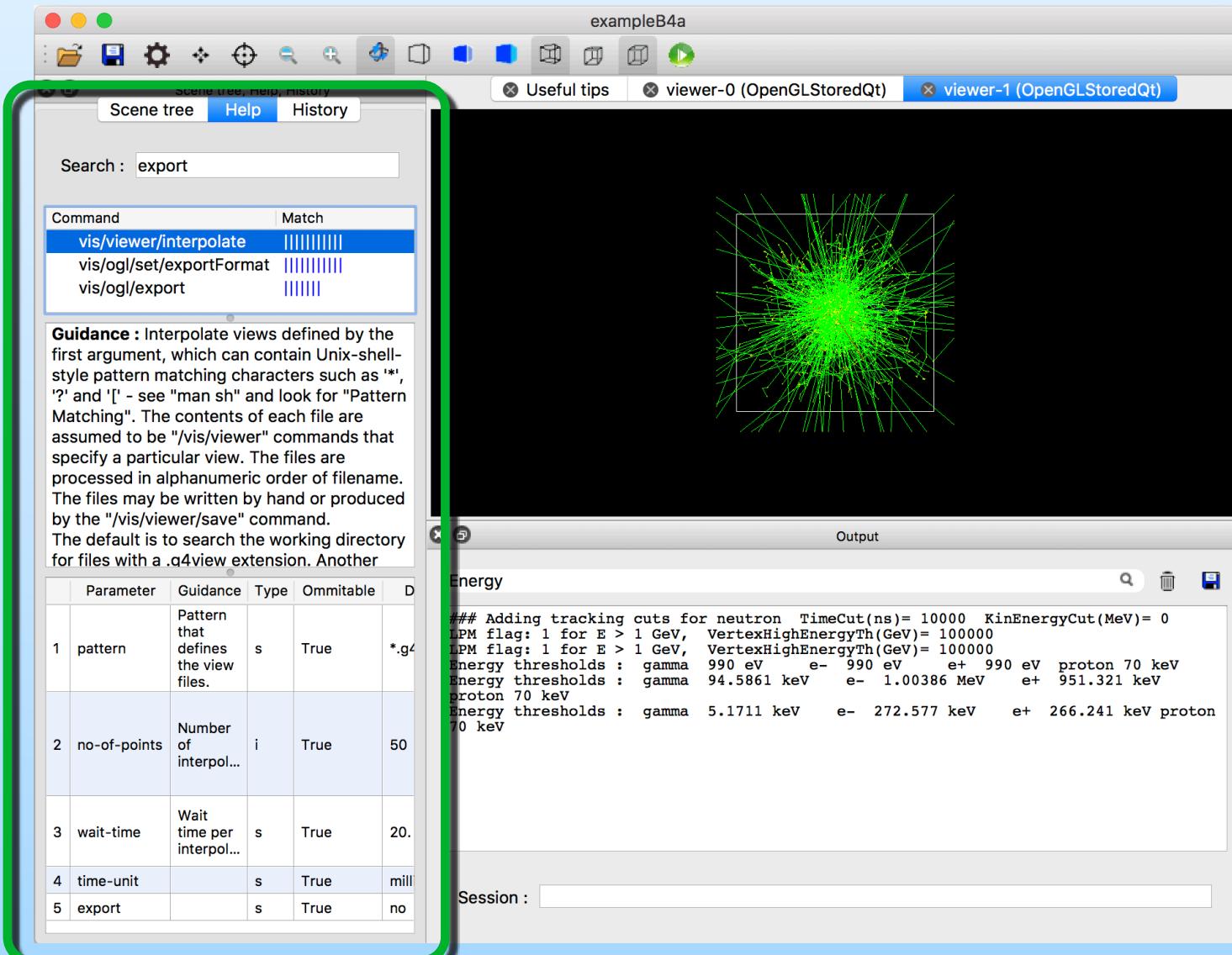
Qt driver - Toolbar

- Toolbar is controlled by default icons. You can add your own icons by providing a macro file



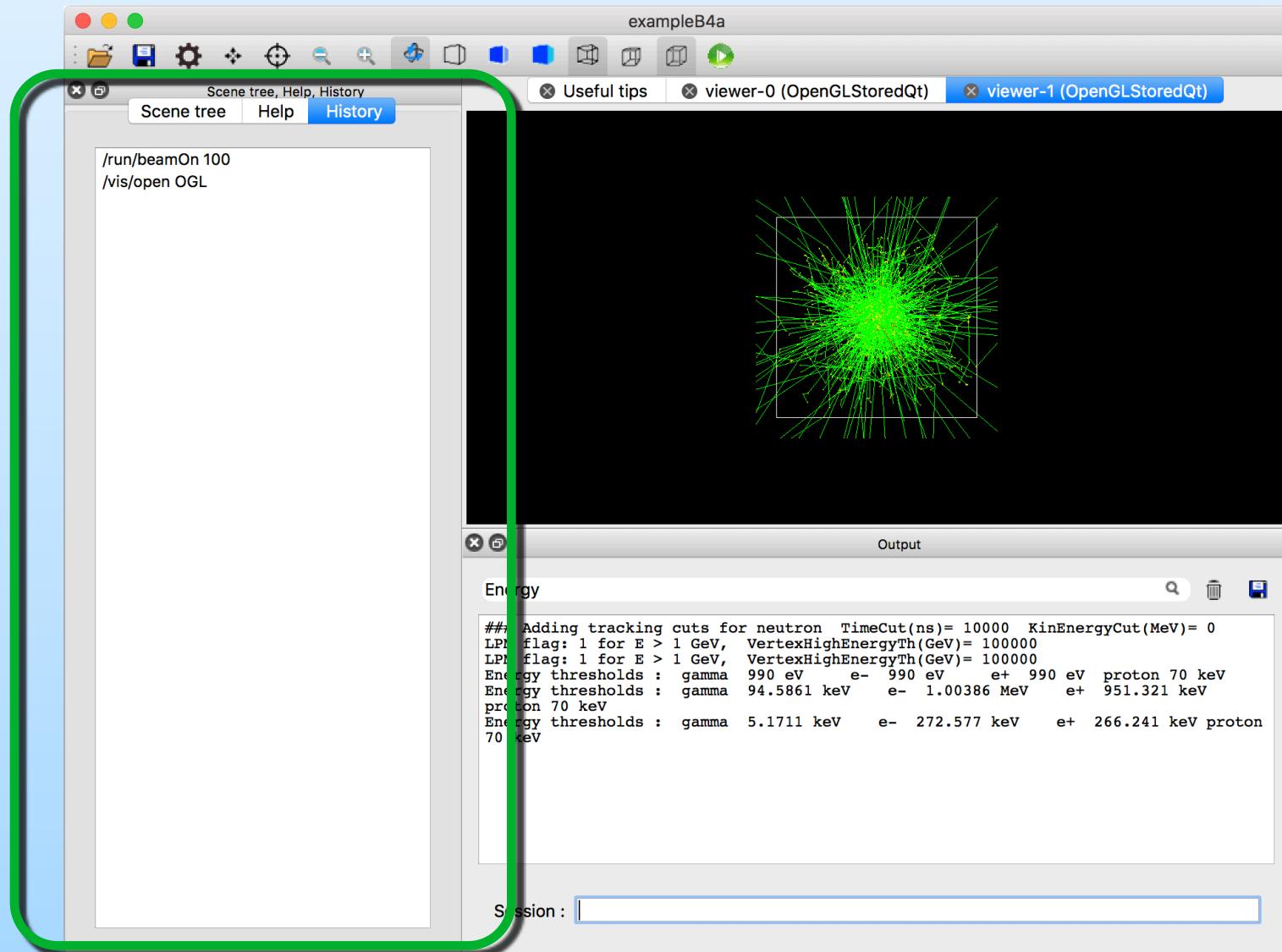
Qt driver - Help 1/2

Help tree browser, you can search for a word inside command help



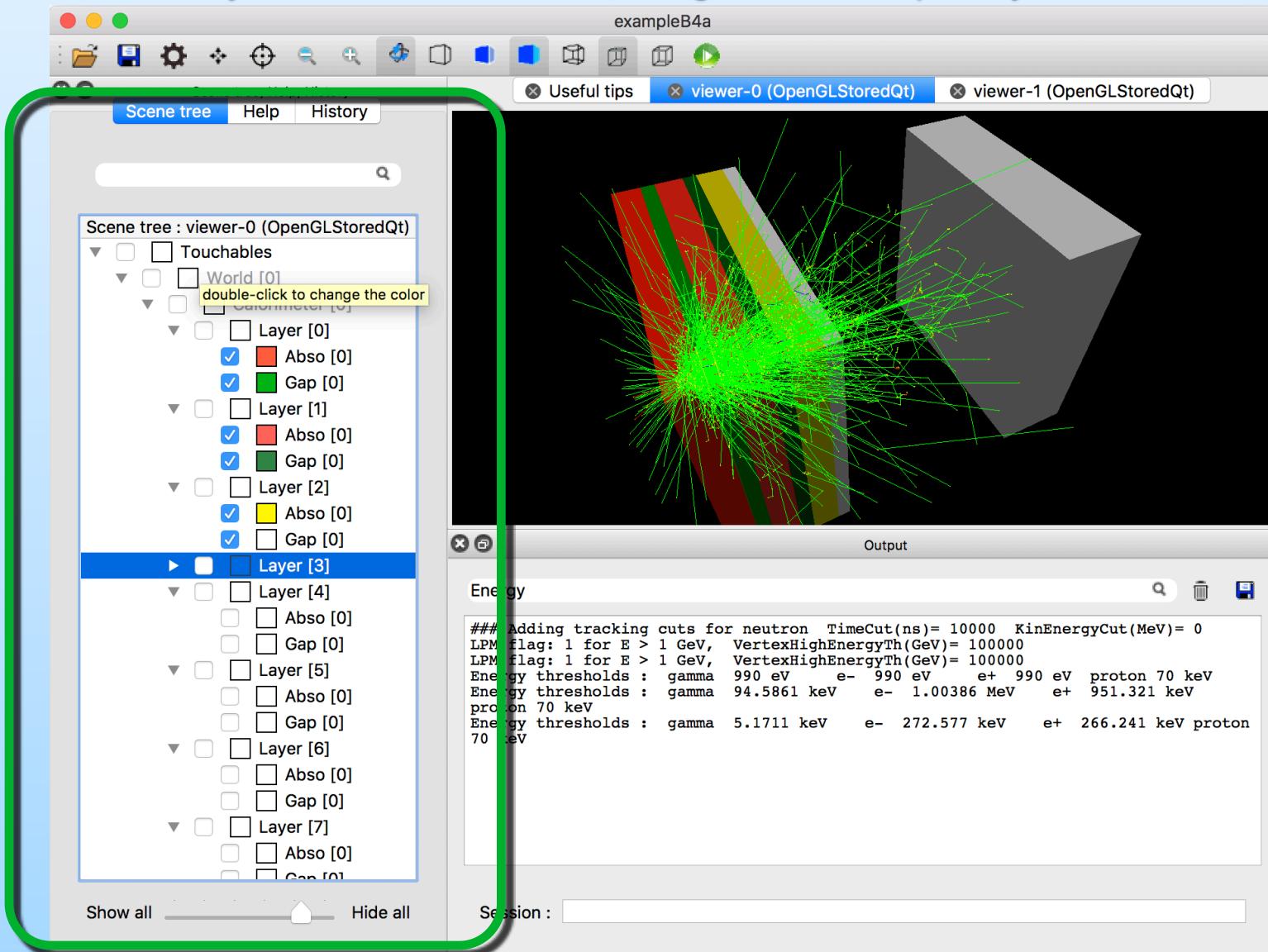
Qt driver - History

History : Double clic on a item to send it to Command line session

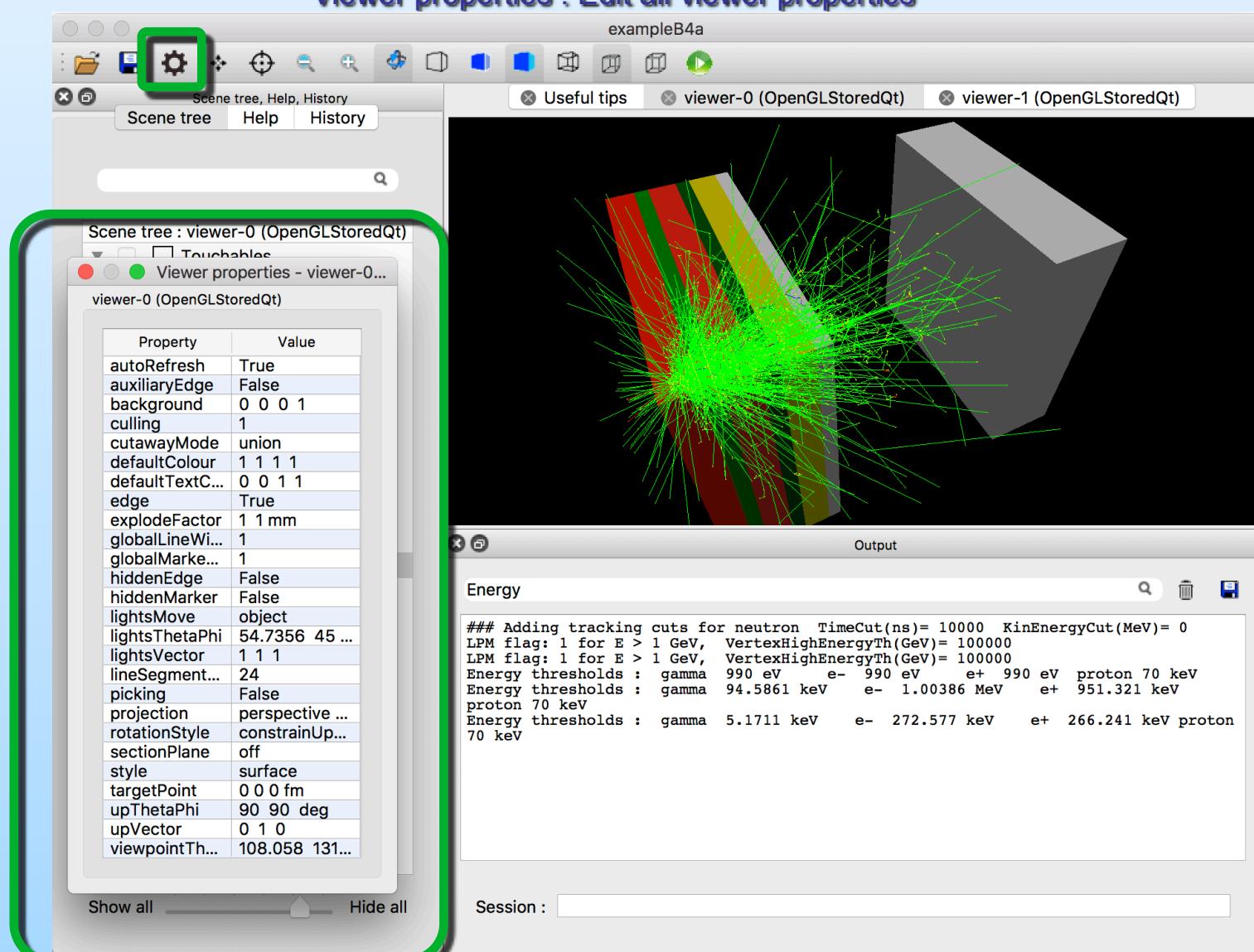


Qt driver - Volume tree

- Scene tree : you can set visible/unvisible, change color or transparency on volumes

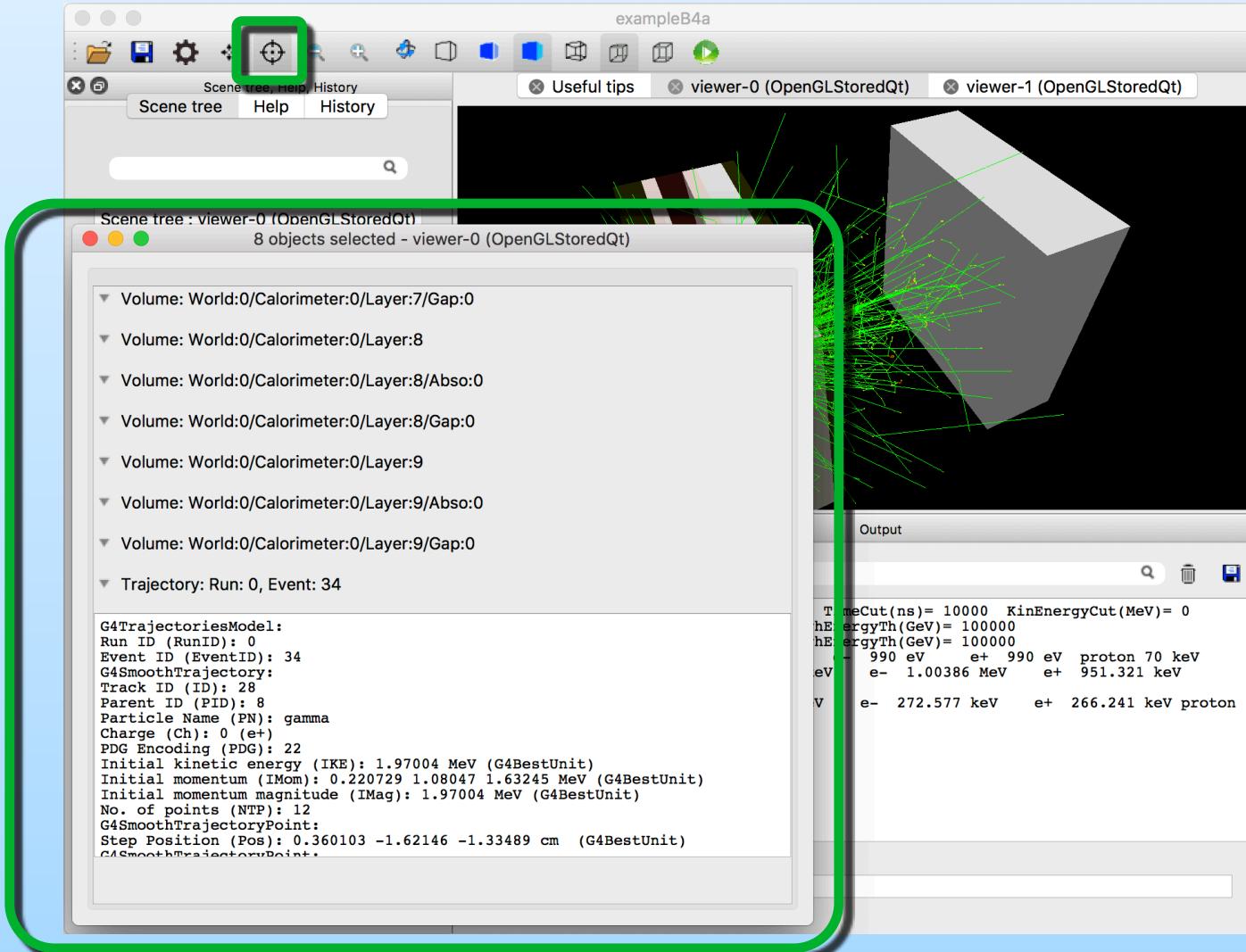


Qt driver - Volume tree



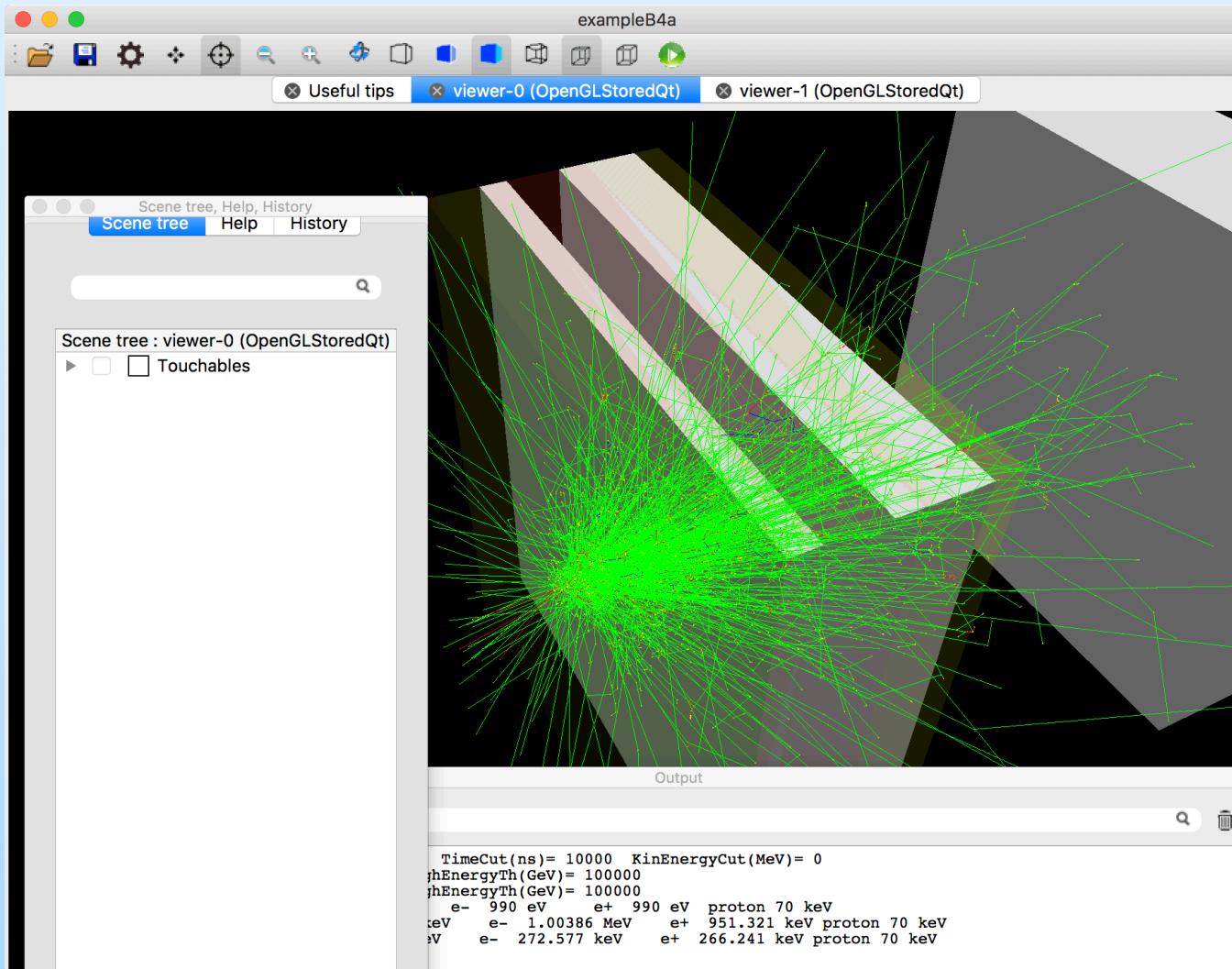
Qt driver - Volume tree

Picking widget: Pick a scene object and see all its properties



Qt driver - Volume tree

Dockable widgets



References

Geant4 Qt Home Page

<http://geant4.in2p3.fr/spip.php?rubrique25&lang=en>

Geant4 Visualization home page

[http://geant4-userdoc.web.cern.ch/geant4-userdoc/
UsersGuides/ForApplicationDeveloper/html/Visualization/
visualization.html](http://geant4-userdoc.web.cern.ch/geant4-userdoc/UsersGuides/ForApplicationDeveloper/html/Visualization/visualization.html)