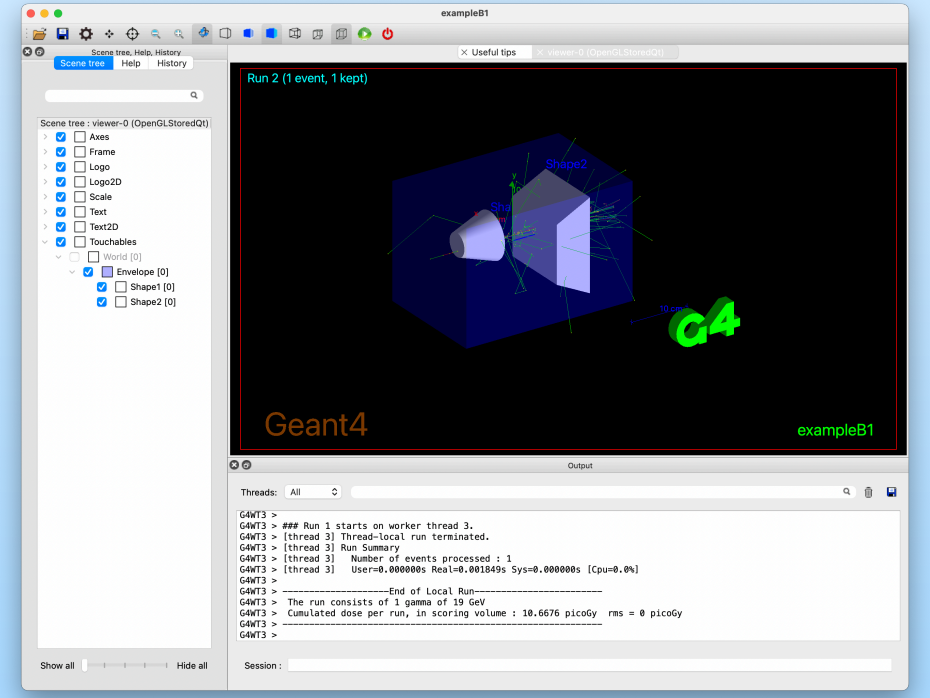
Introduction to Qt driver

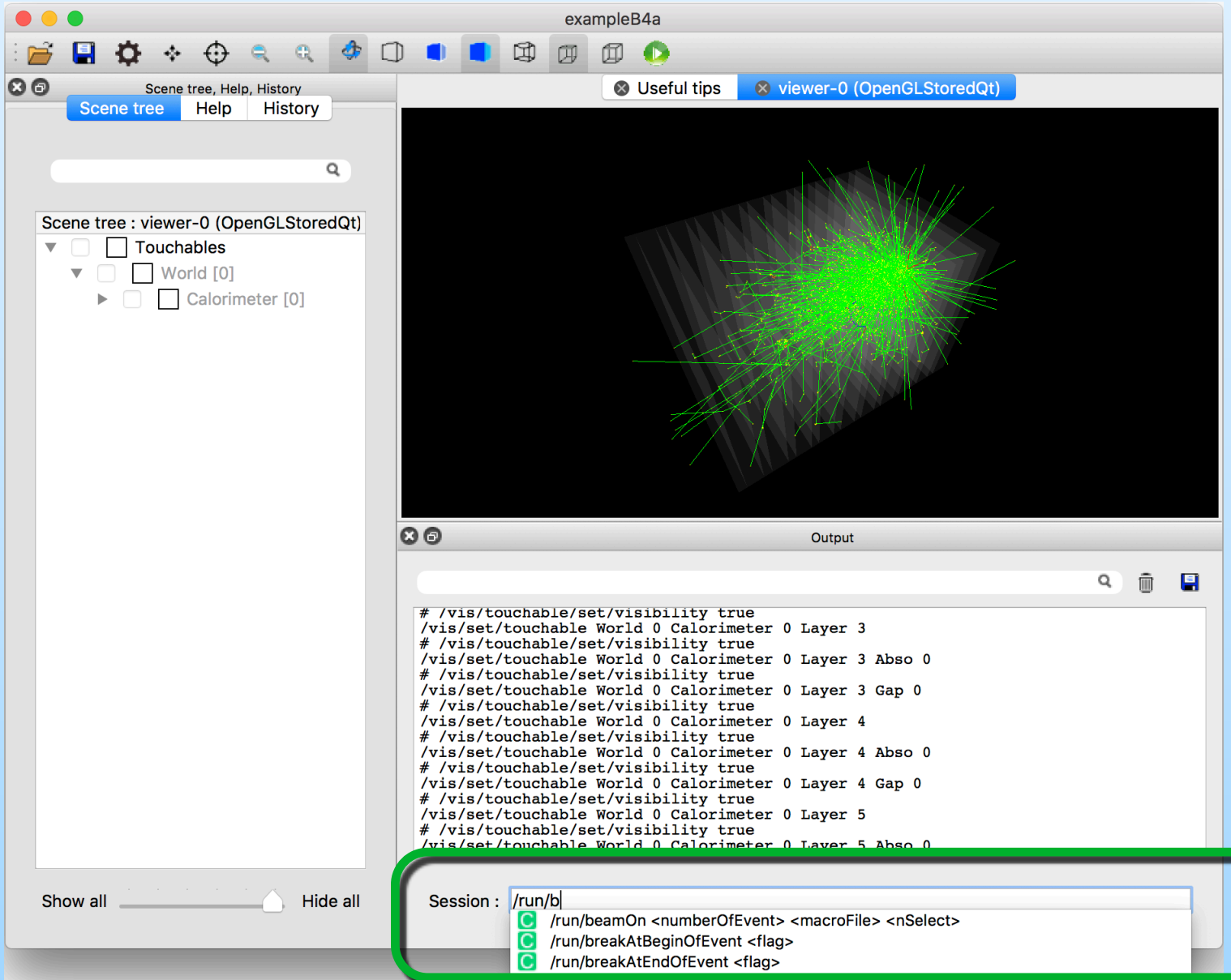
Igor Semeniouk
LLR, CNRS - Ecole Polytechnique

Slides from Laurent GARNIER
IRISA / INS2I / CNRS



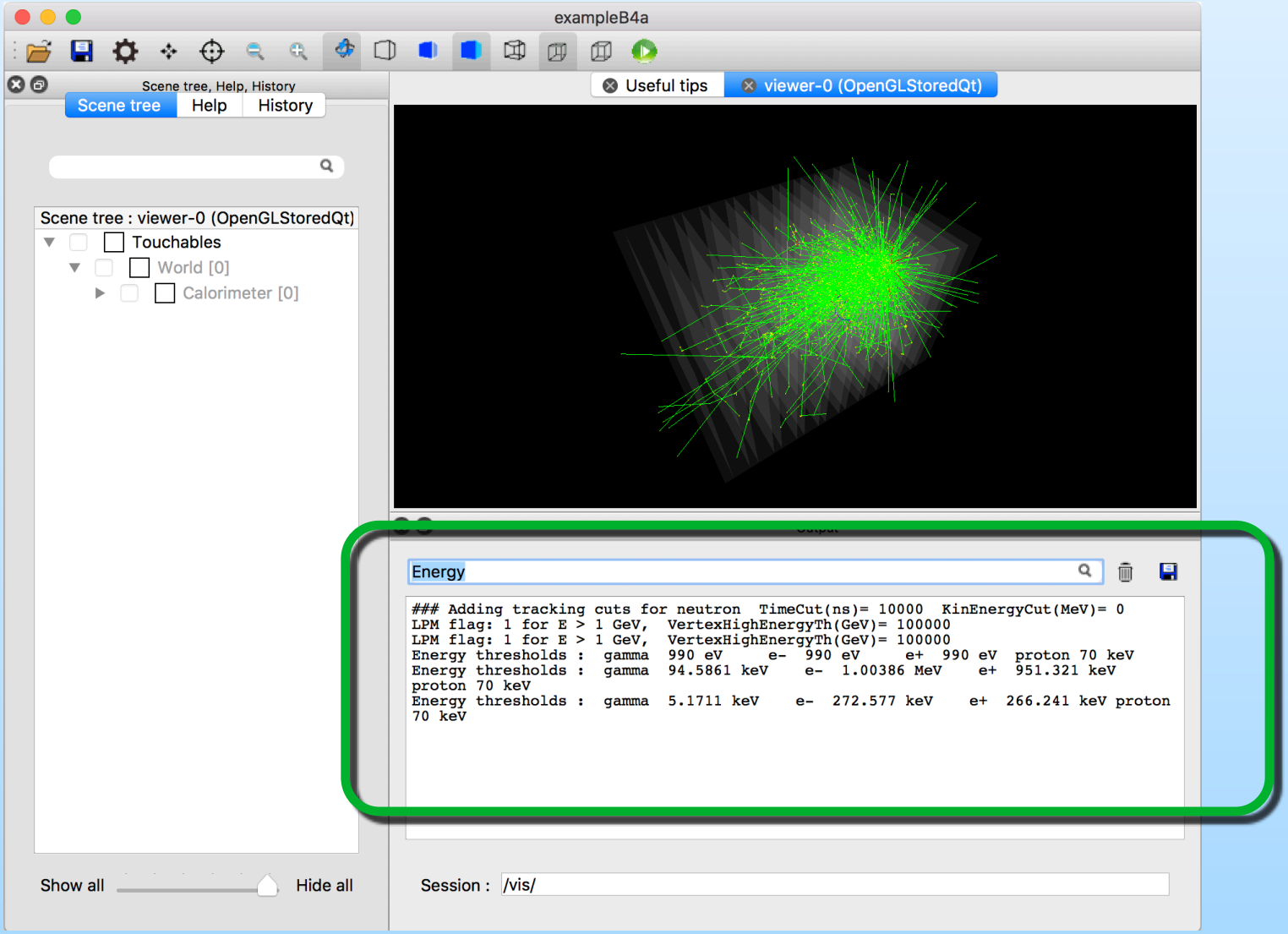
Qt driver - Command line

« Tab » is a useful way to complete a command



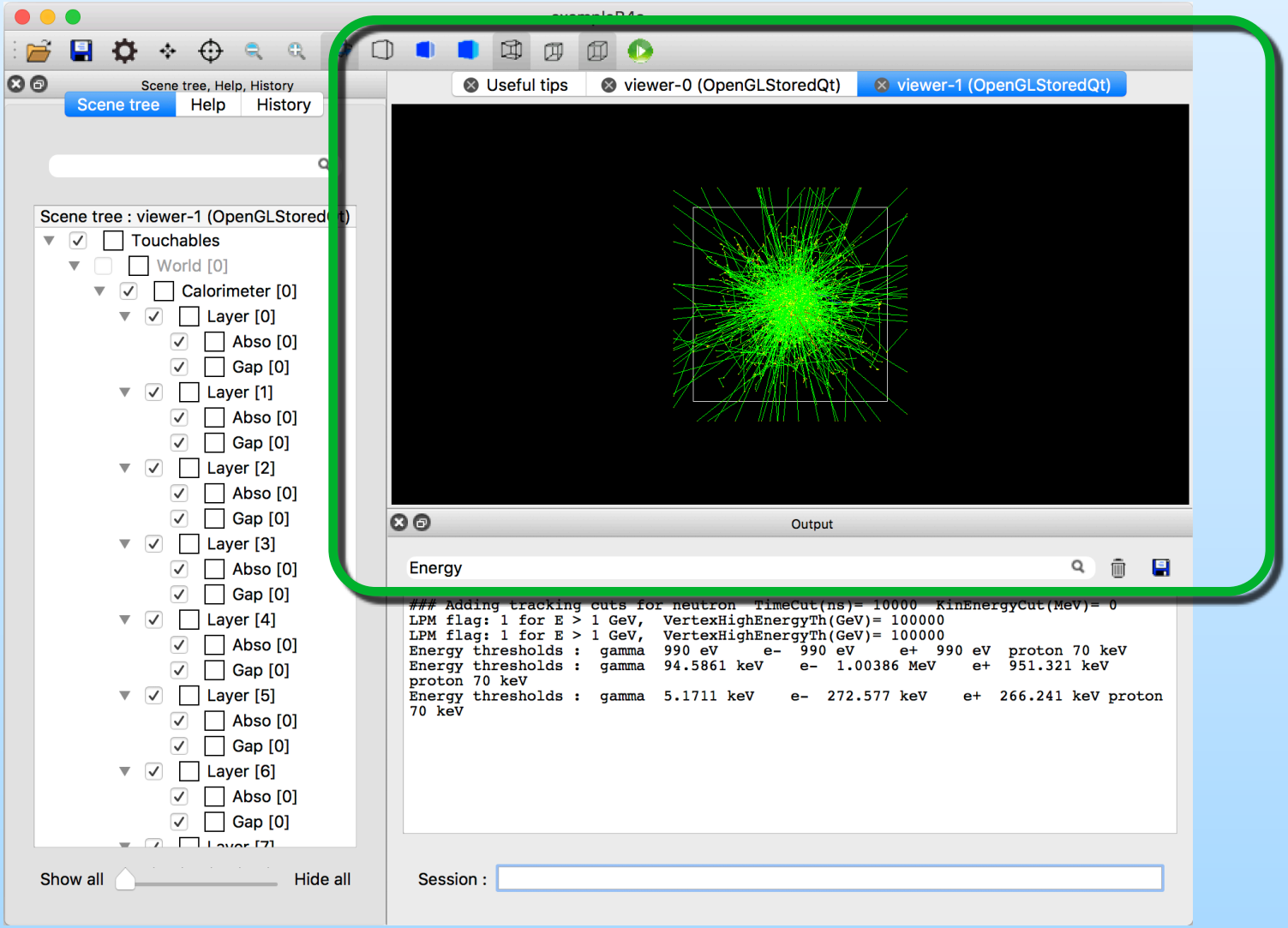
Qt driver - Output

See all outputs, you can add filter



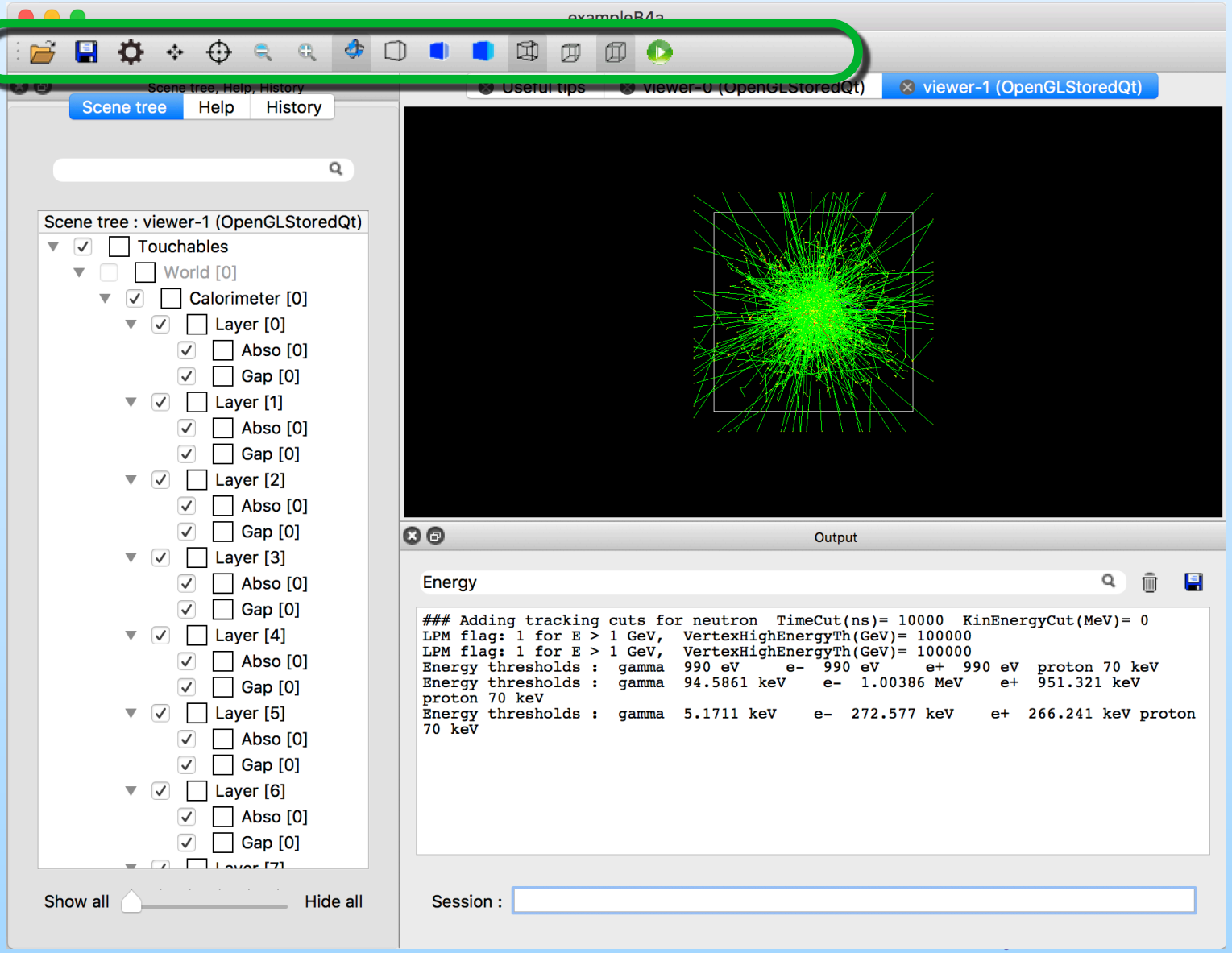
Qt driver - Visualization

Visualization window, one tab by viewer



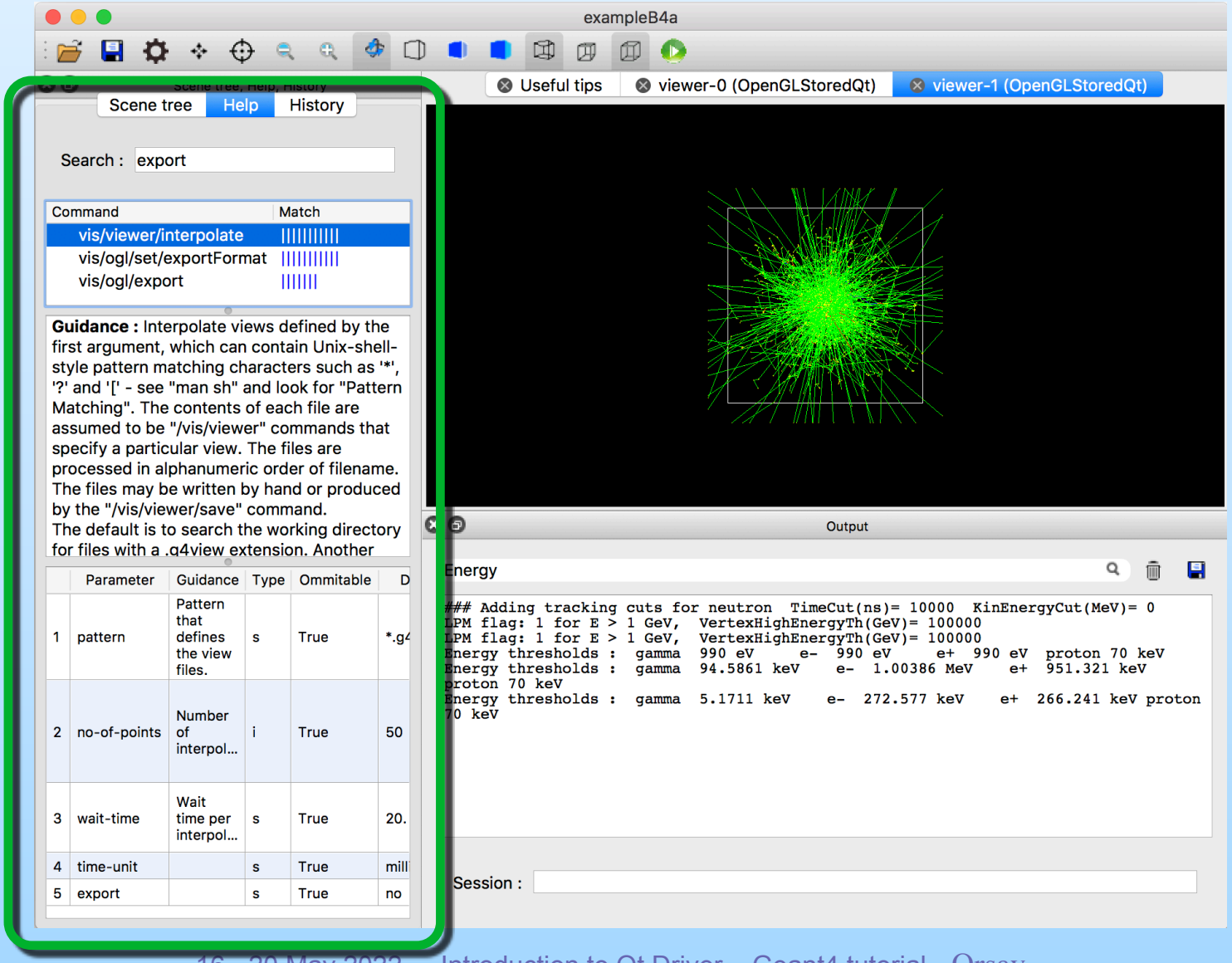
Qt driver - Toolbar

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



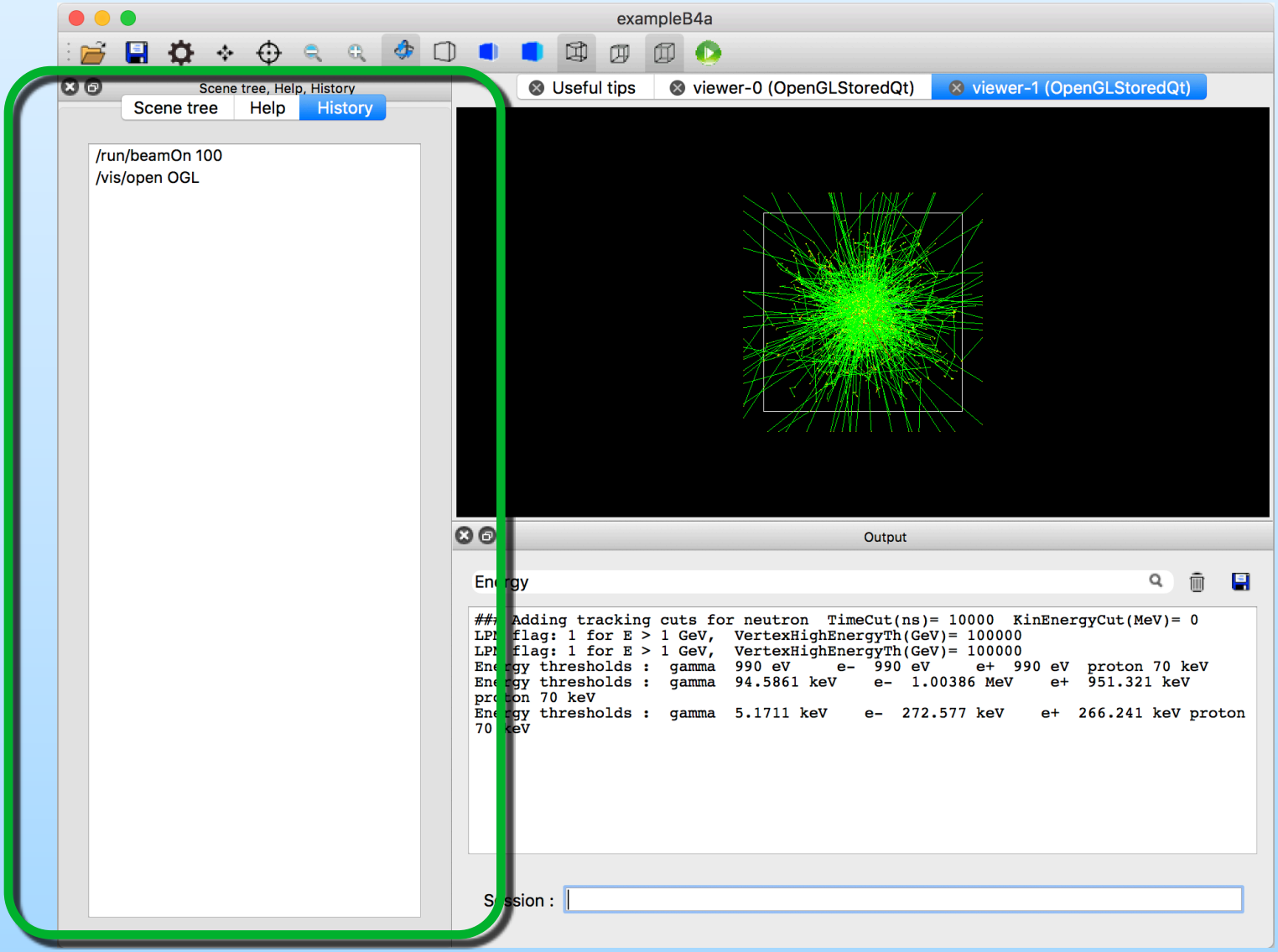
Qt driver - Help

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



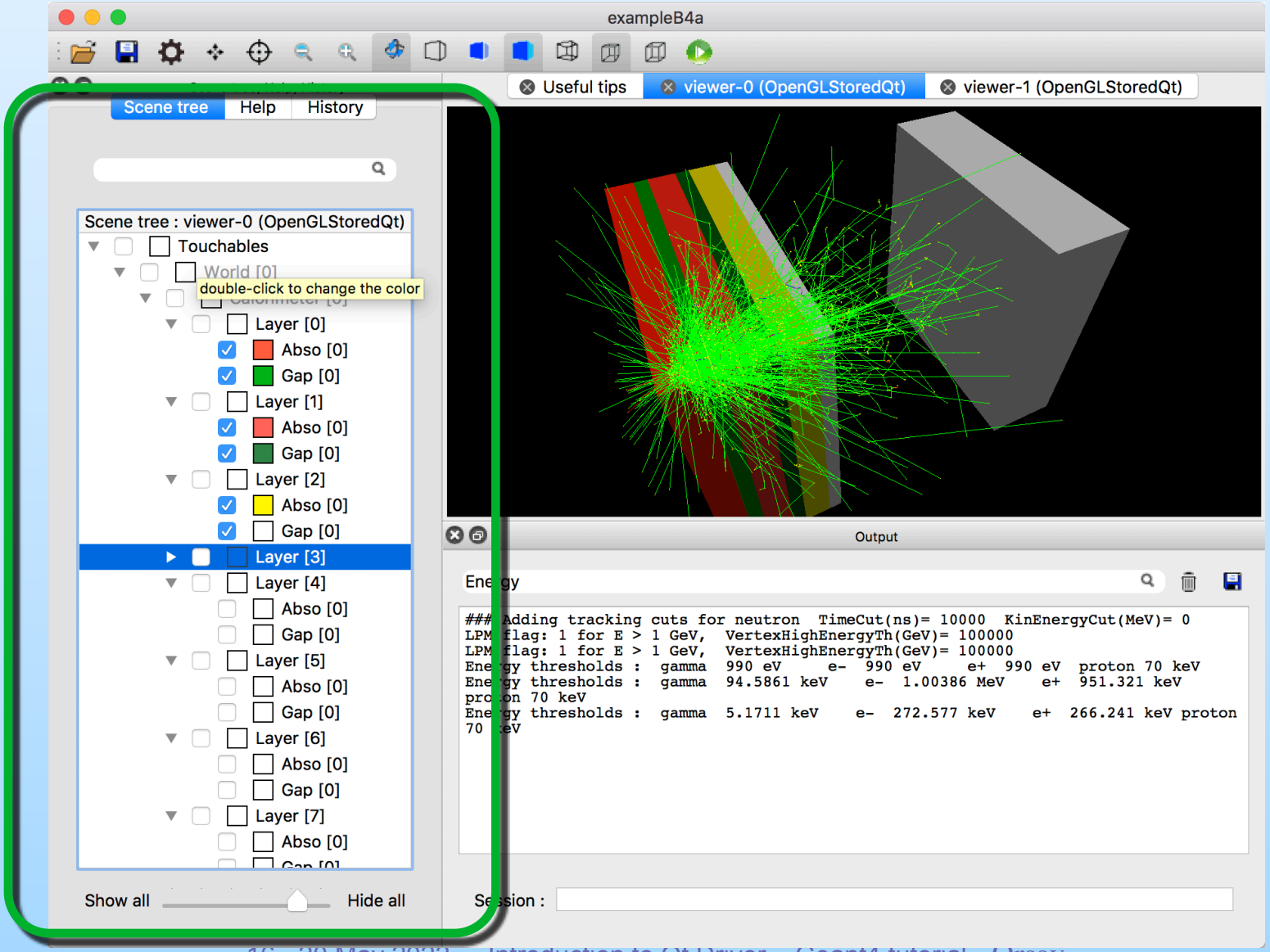
Qt driver - History

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



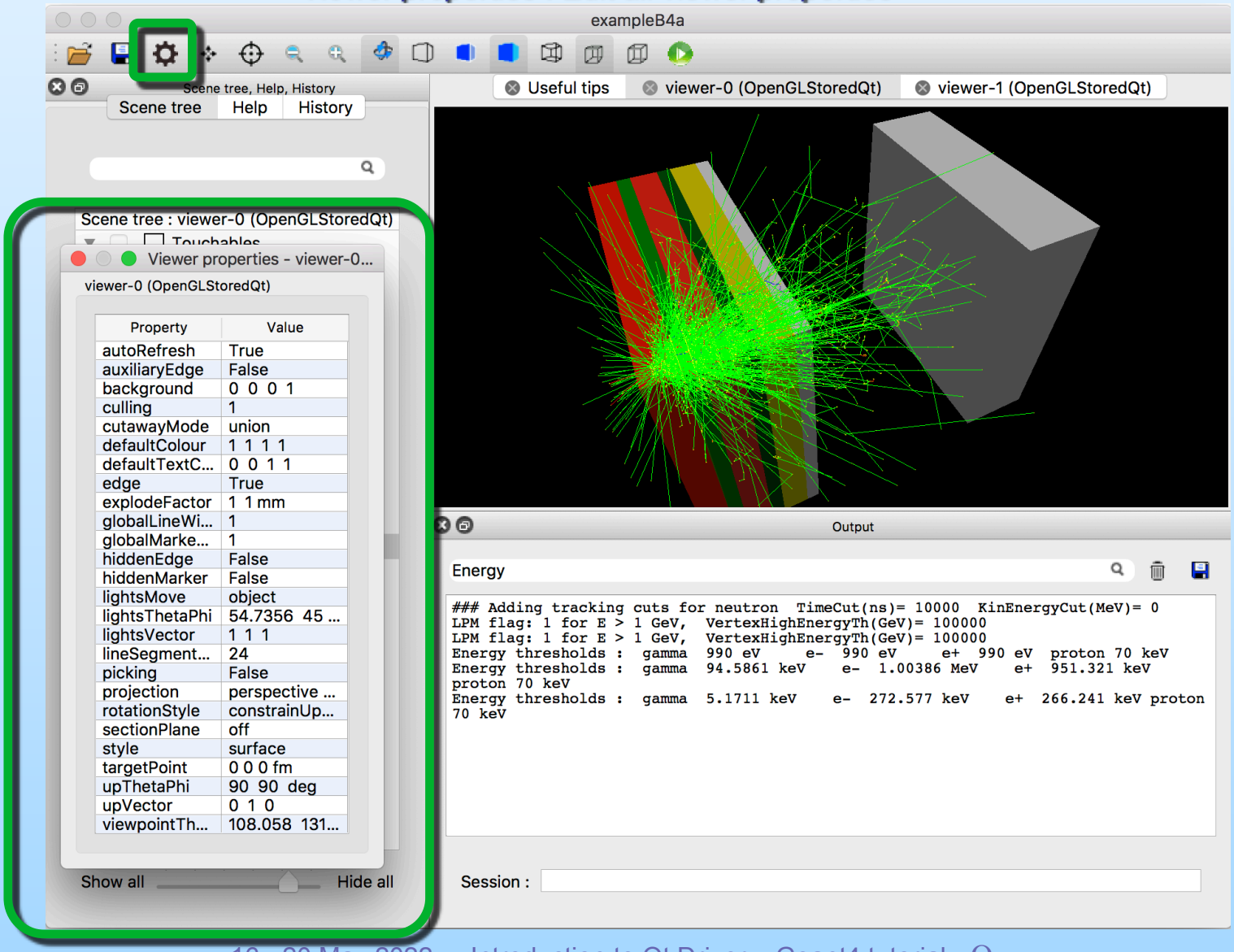
Qt driver - Volume tree

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



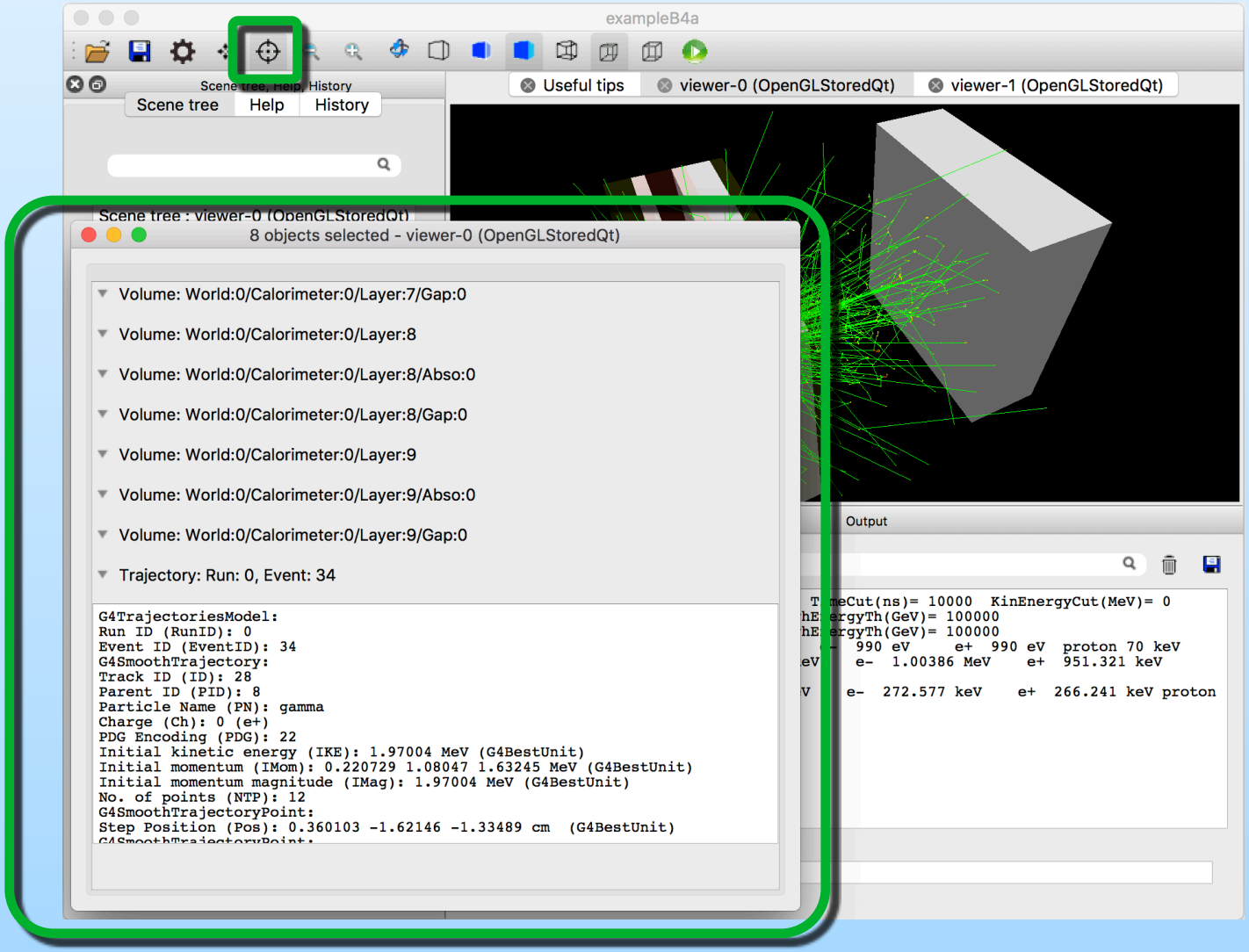
Qt driver - Volume tree

- Viewer properties : Edit all viewer properties



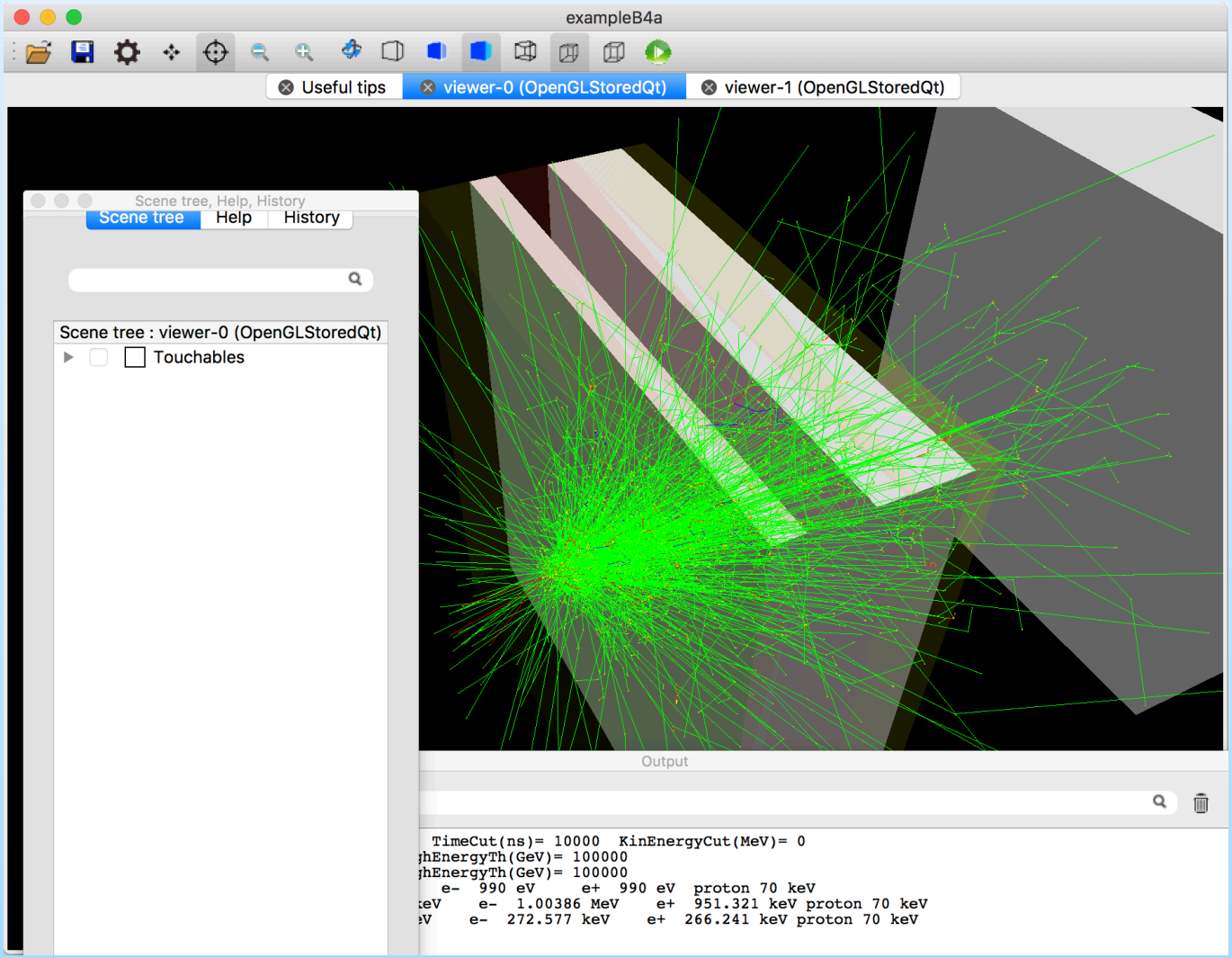
Qt driver - Volume tree

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



Qt driver - Volume tree

- Dockable widgets



References

Geant4 Visualization home page
http://geant4-userdoc.web.cern.ch/geant4-userdoc/UsersGuides/ForApplicationDeveloper/html/Visualization/visualization.html

Geant4 Qt Home Page
http://geant4.in2p3.fr/spip.php?rubrique25&lang=en