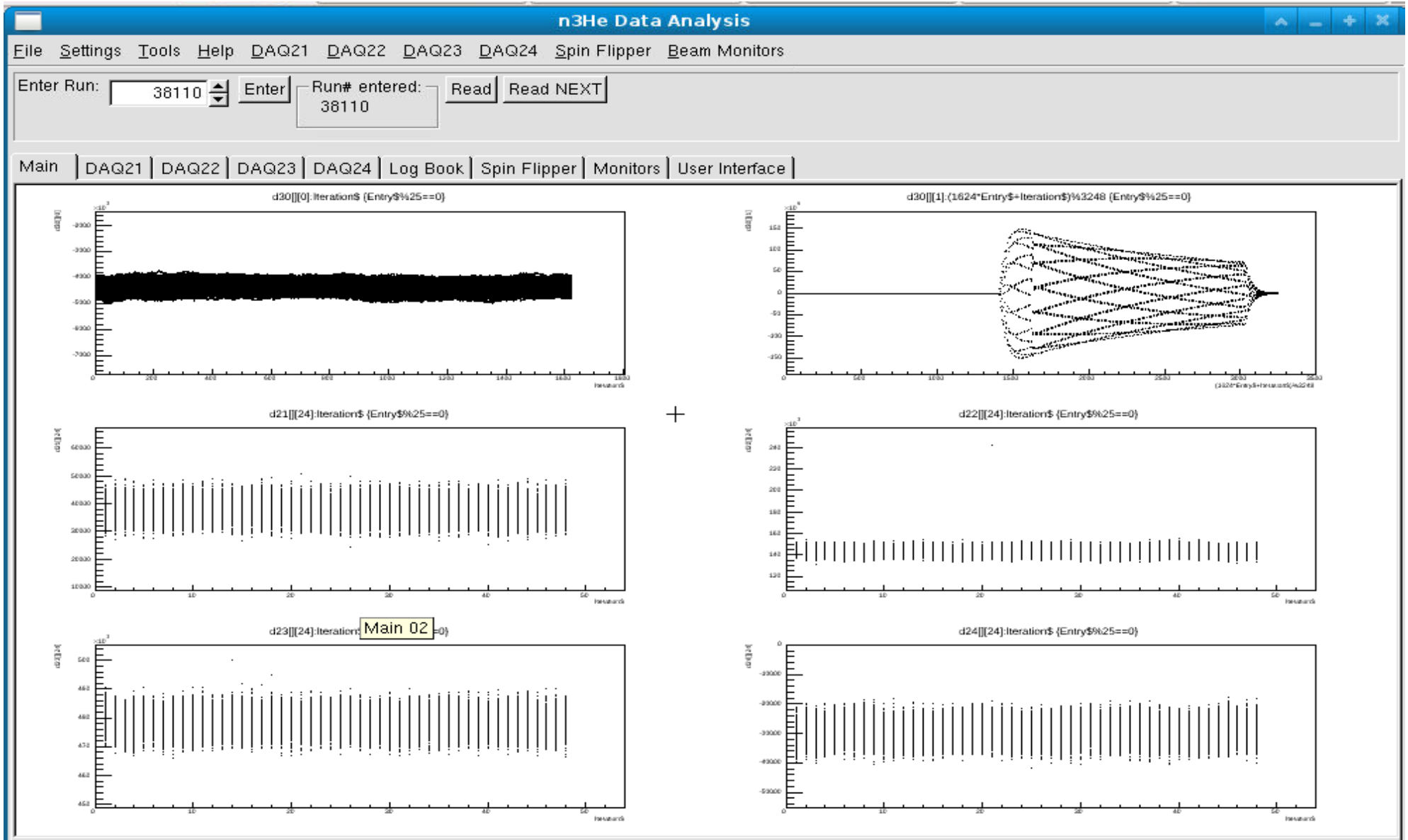


Possible Sources of Anomaly

- Random noise
- Systematic noise
- Data quality (Checksum)

Random noise

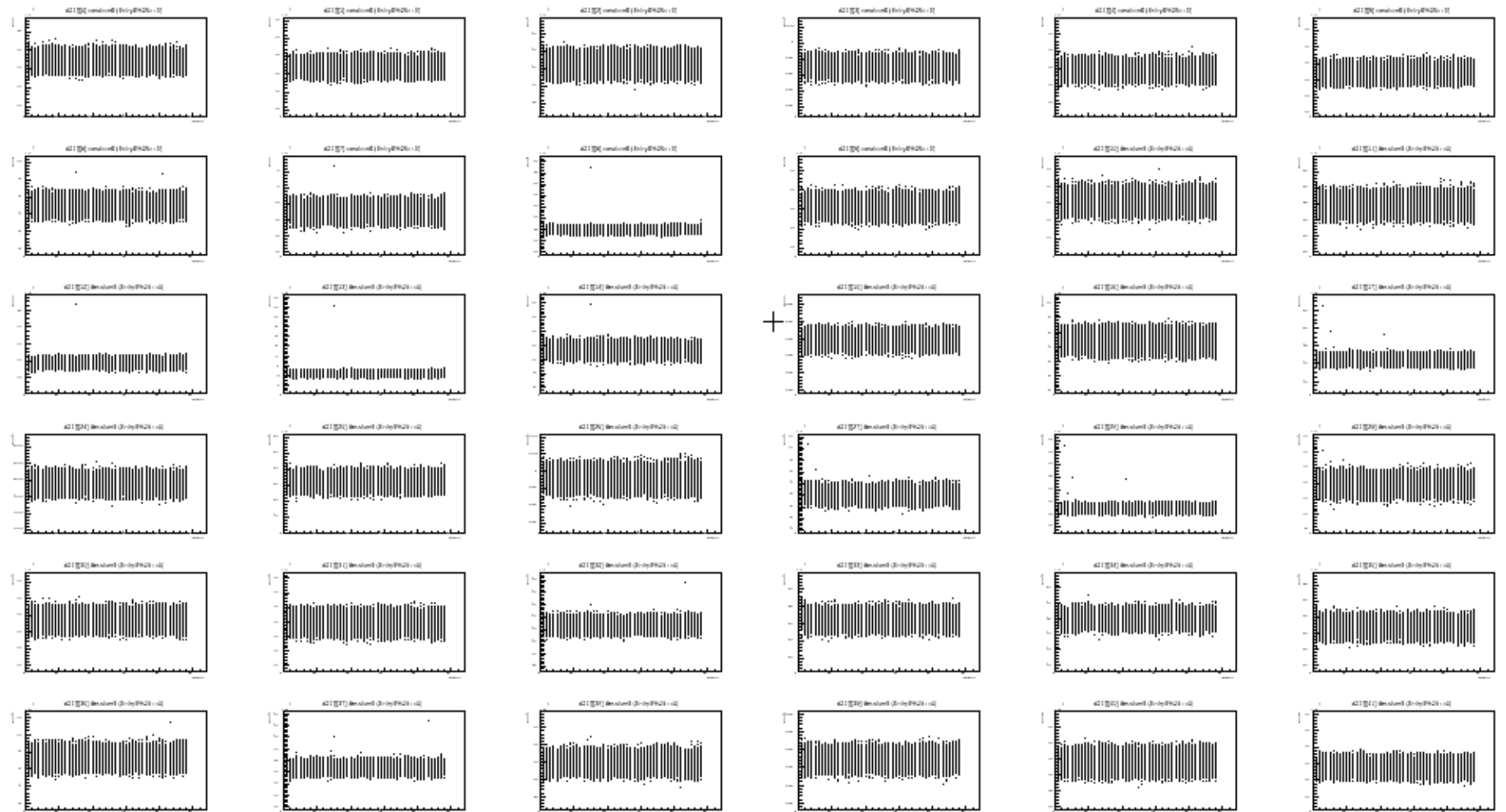


n3He Data Analysis

File Settings Tools Help DAQ21 DAQ22 DAQ23 DAQ24 Spin Flipper Beam Monitors

Enter Run: Enter Run# entered: 38110 Read Read NEXT

Main DAQ21 DAQ22 DAQ23 DAQ24 Log Book Spin Flipper Monitors User Interface

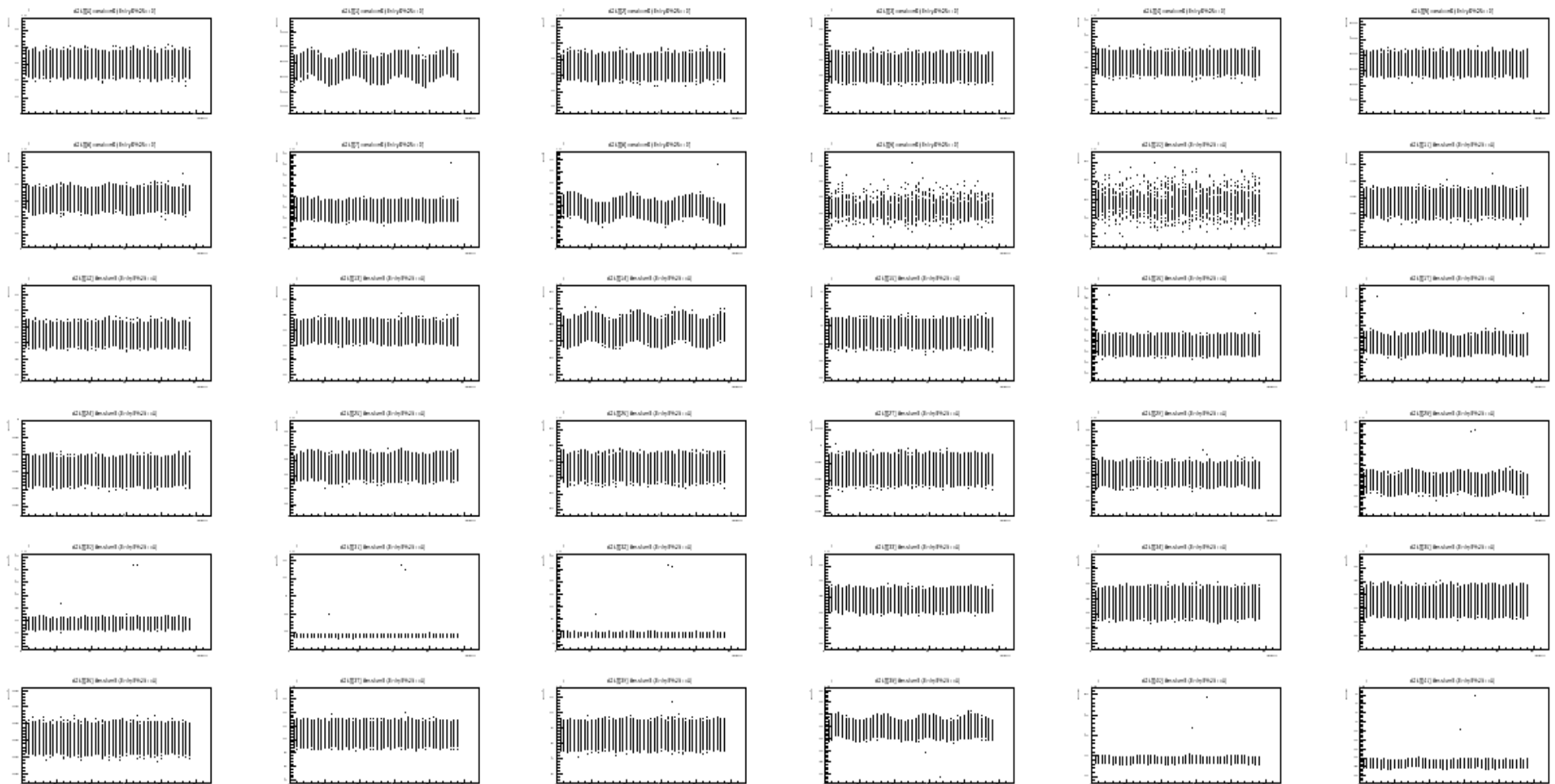


n3He Data Analysis

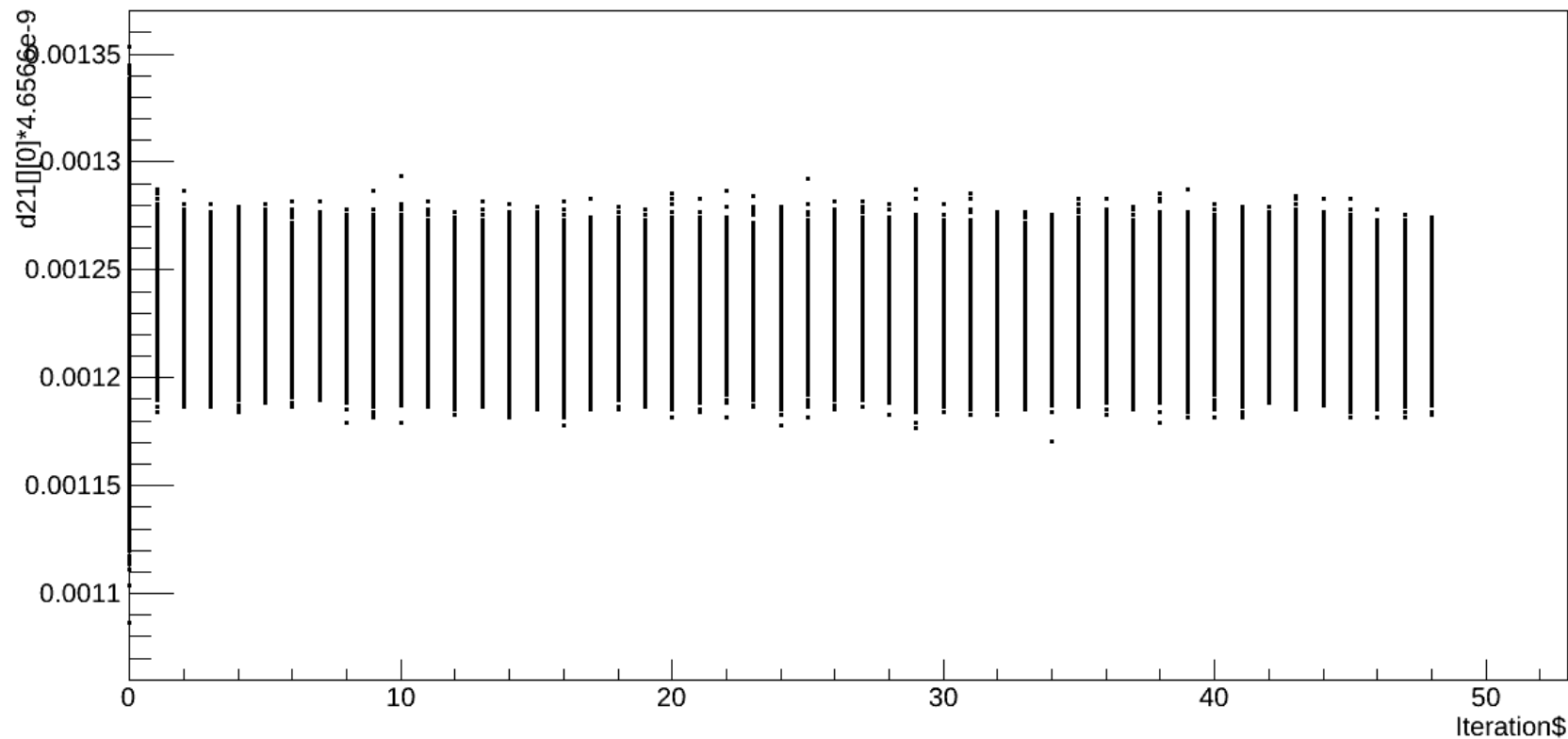
File Settings Tools Help DAQ21 DAQ22 DAQ23 DAQ24 Spin Flipper Beam Monitors

Enter Run: Enter Run# entered: Read Read NEXT

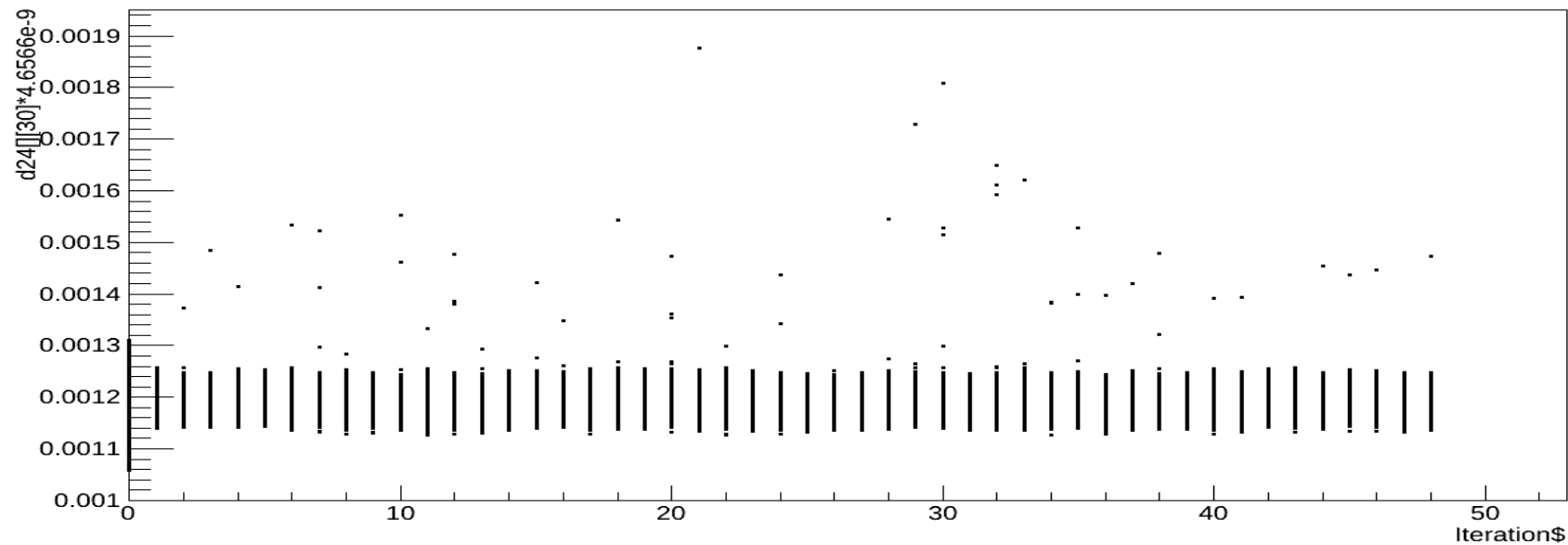
Main DAQ21 DAQ22 DAQ23 DAQ24 Log Book Spin Flipper Monitors User Interface



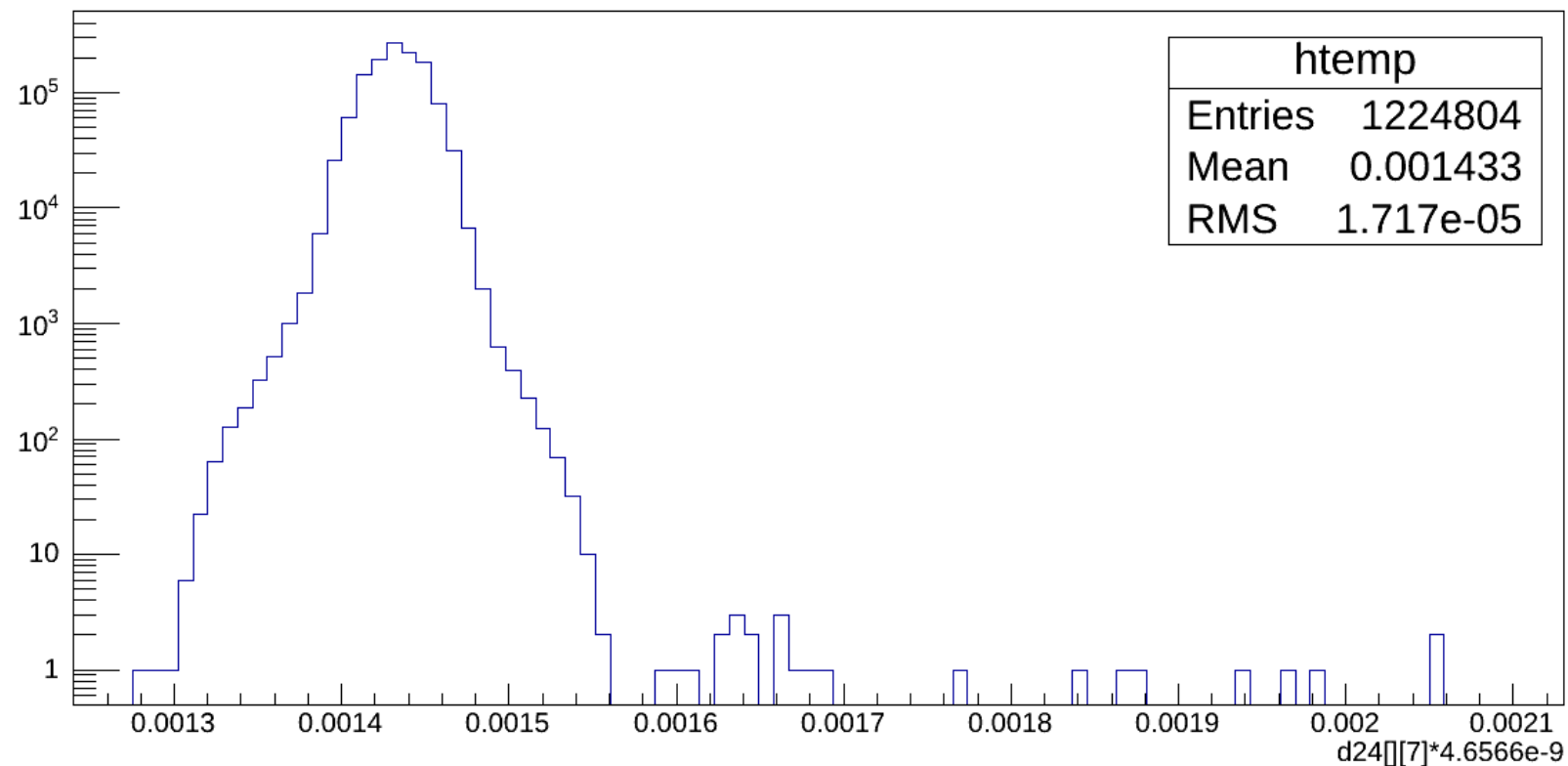
d21[[0]*4.6566e-9:Iteration\$



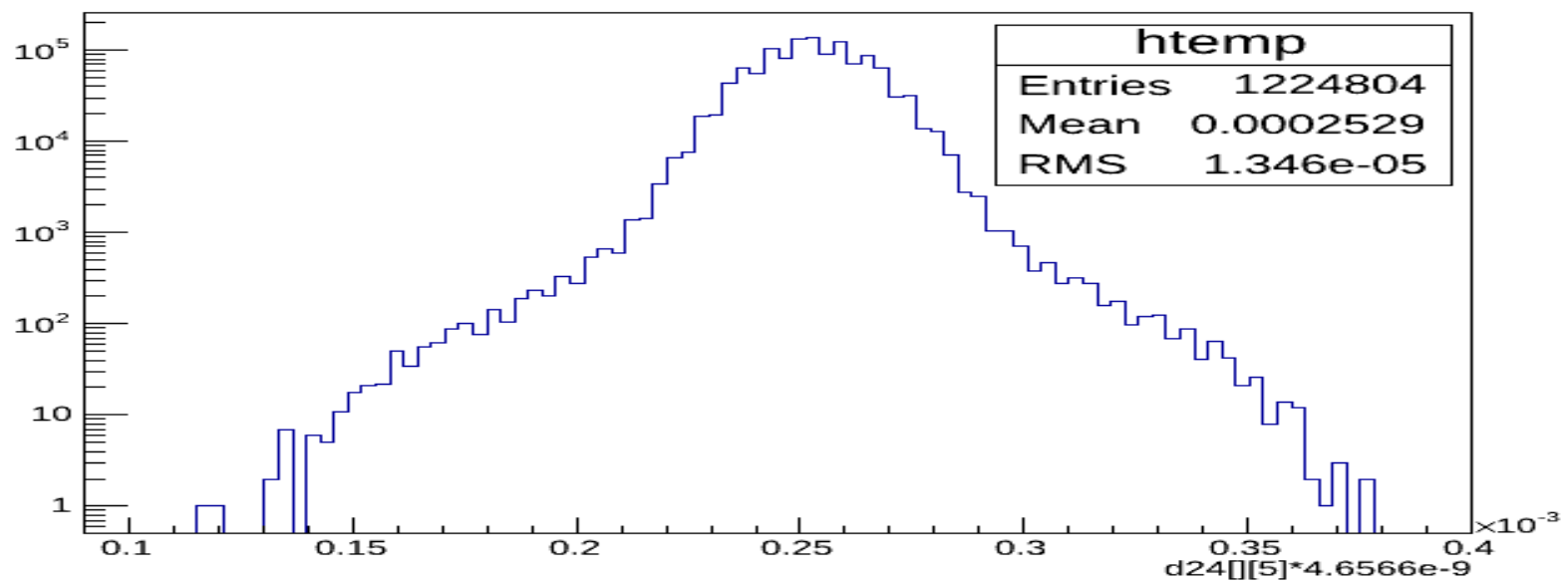
d24[[30]*4.6566e-9:Iteration\$



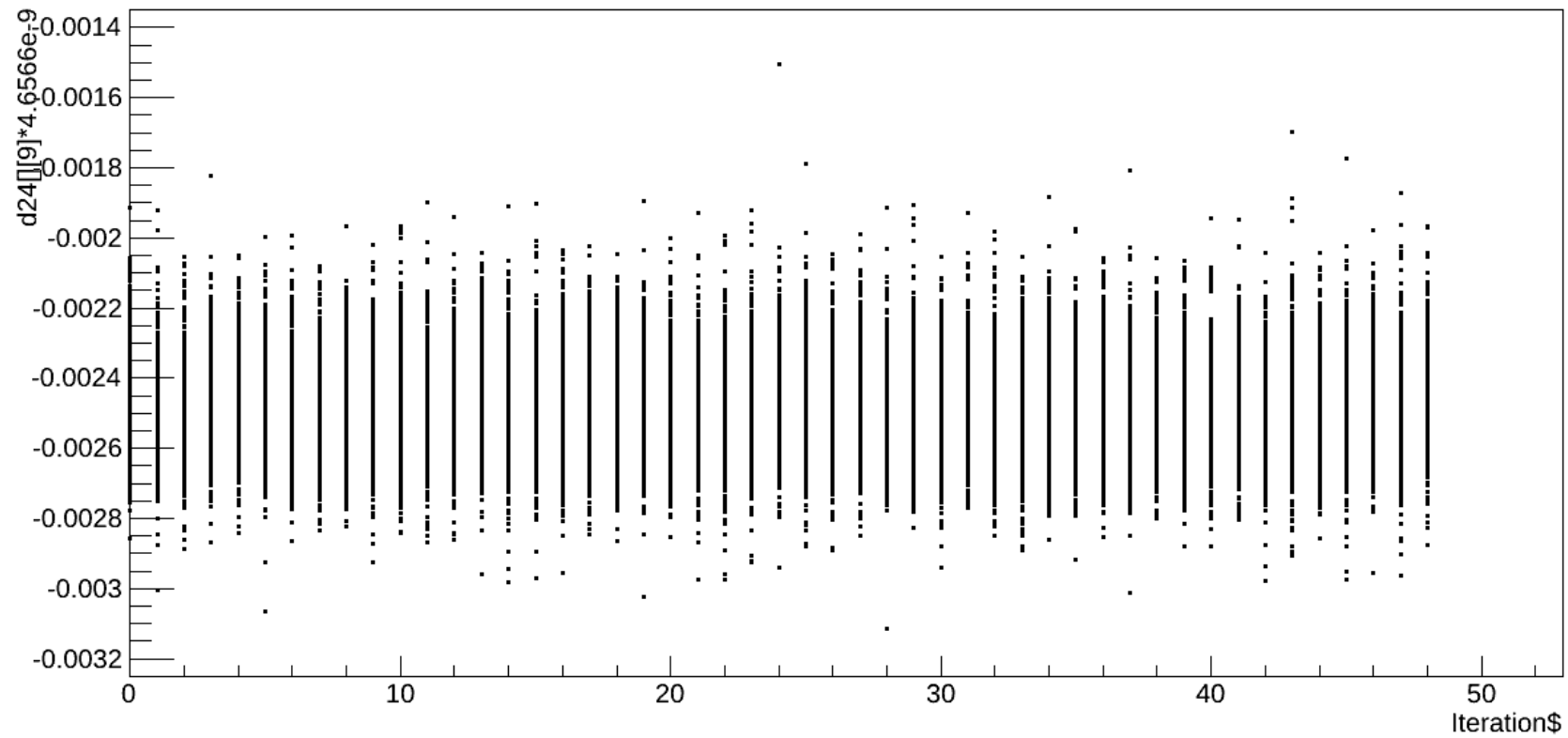
d24[[7]]*4.6566e-9



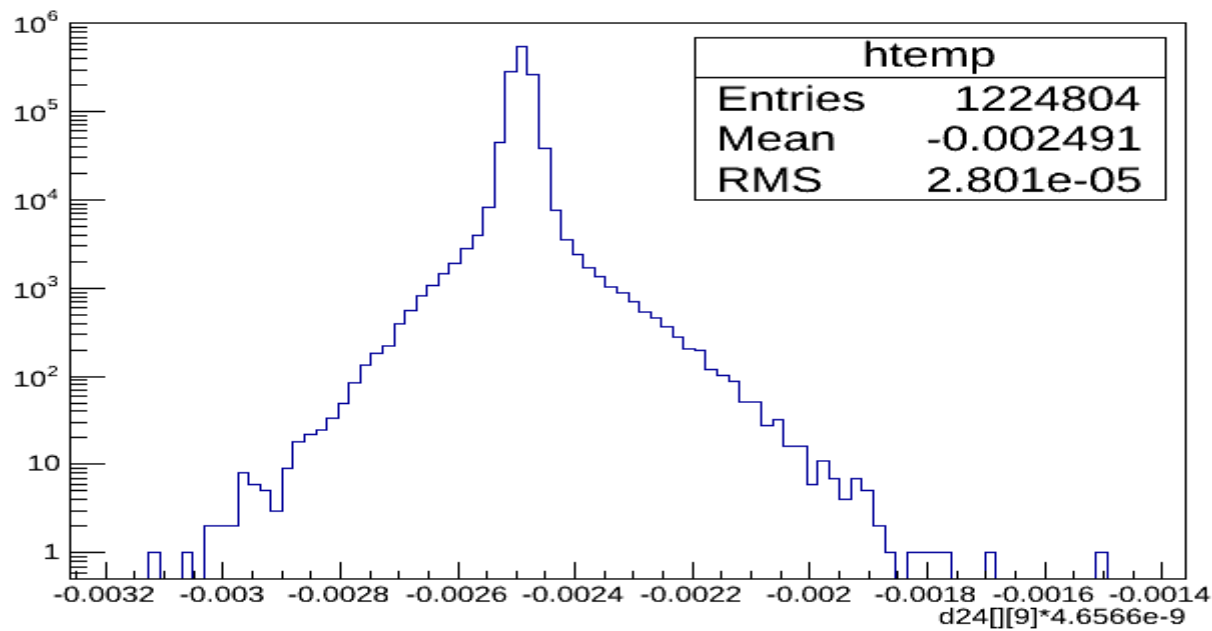
d24[[5]]*4.6566e-9



d24[][9]*4.6566e-9:Iteration\$

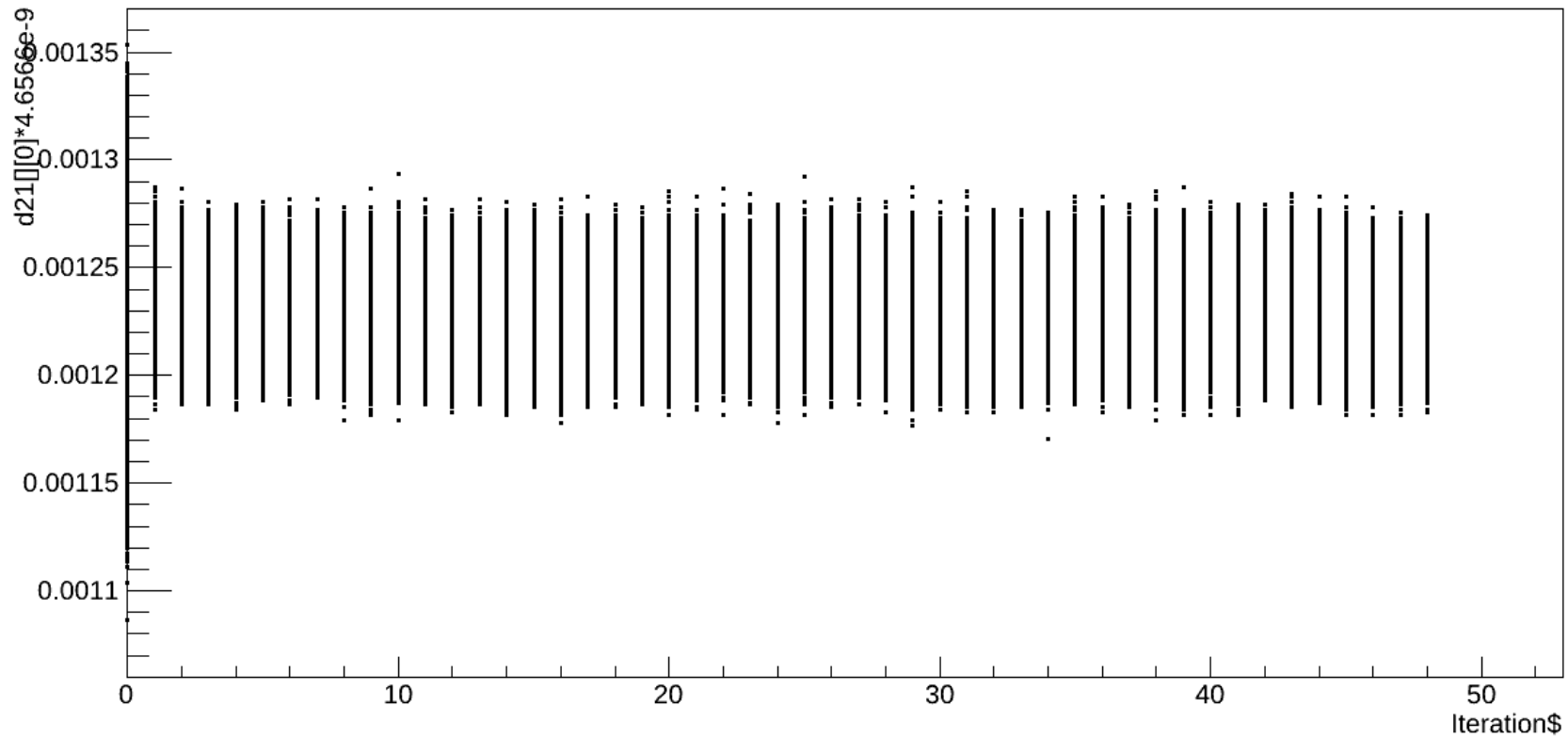


d24[][9]*4.6566e-9



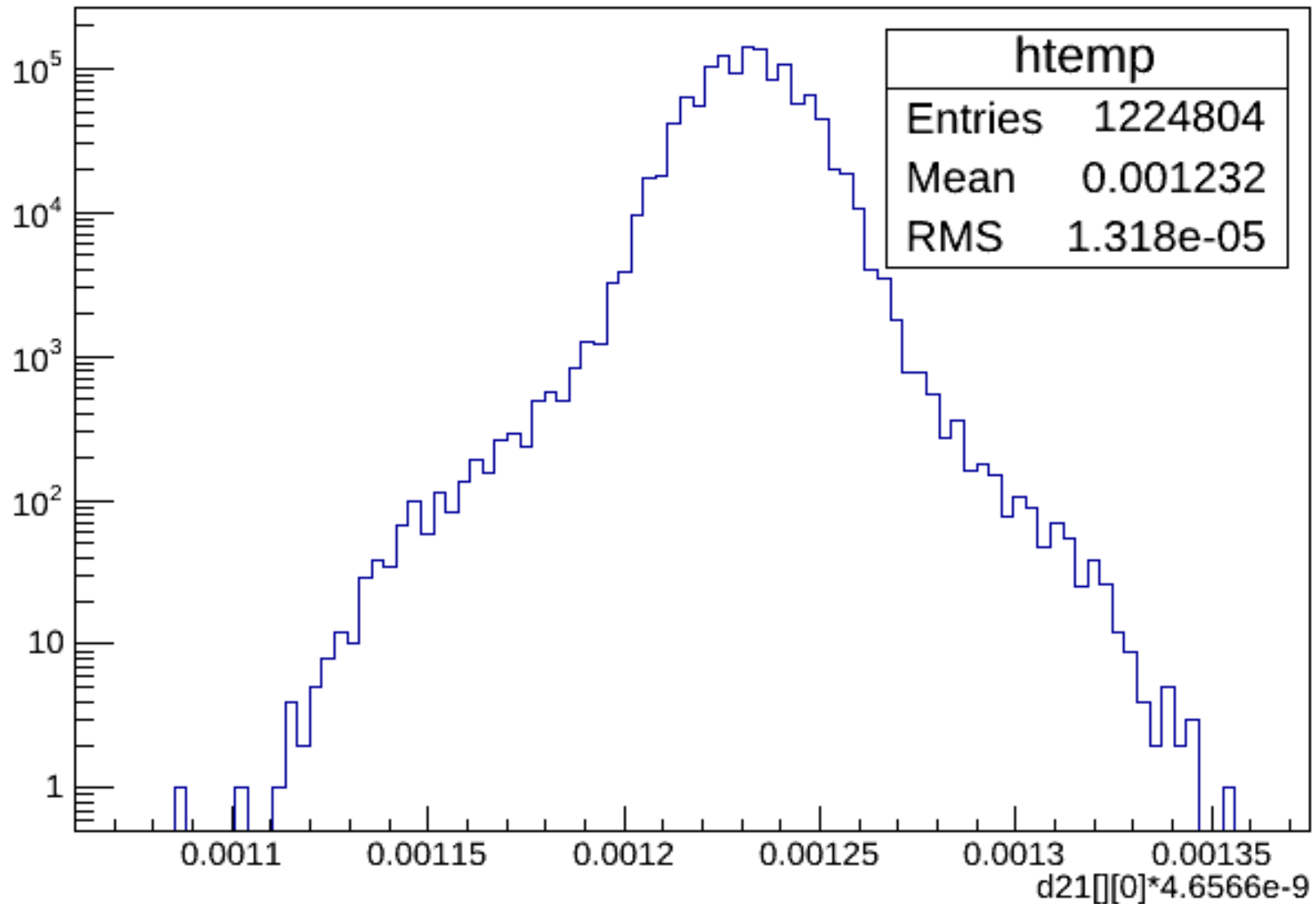
Systematic noise

d21[[0]]*4.6566e-9:Iteration\$



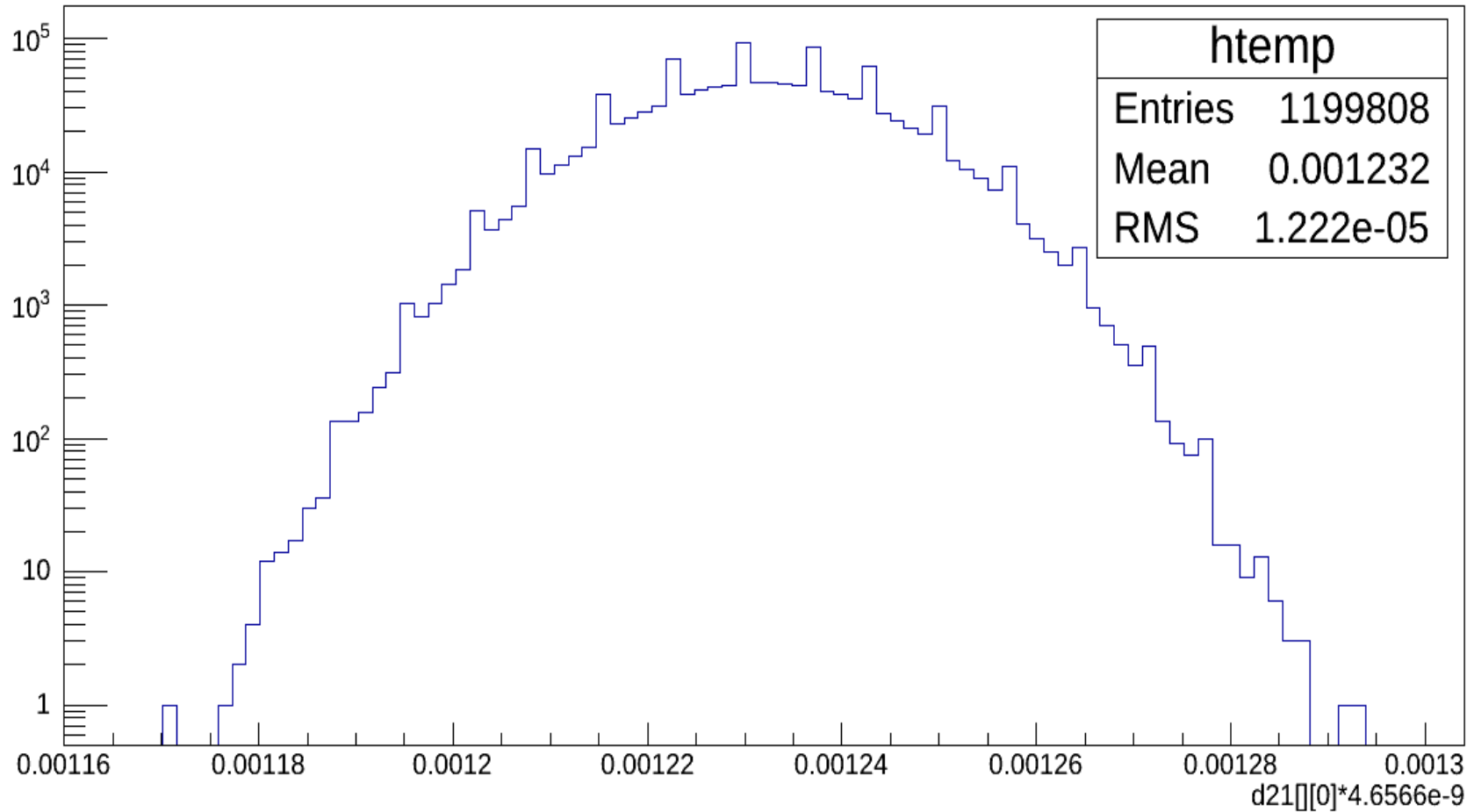
Full time bin window

d21[0]*4.6566e-9



Selected time bin window

d21[[0]*4.6566e-9 {Iteration\$>0}



Data Quality (Checksum)

- No bad checksum found so far.