

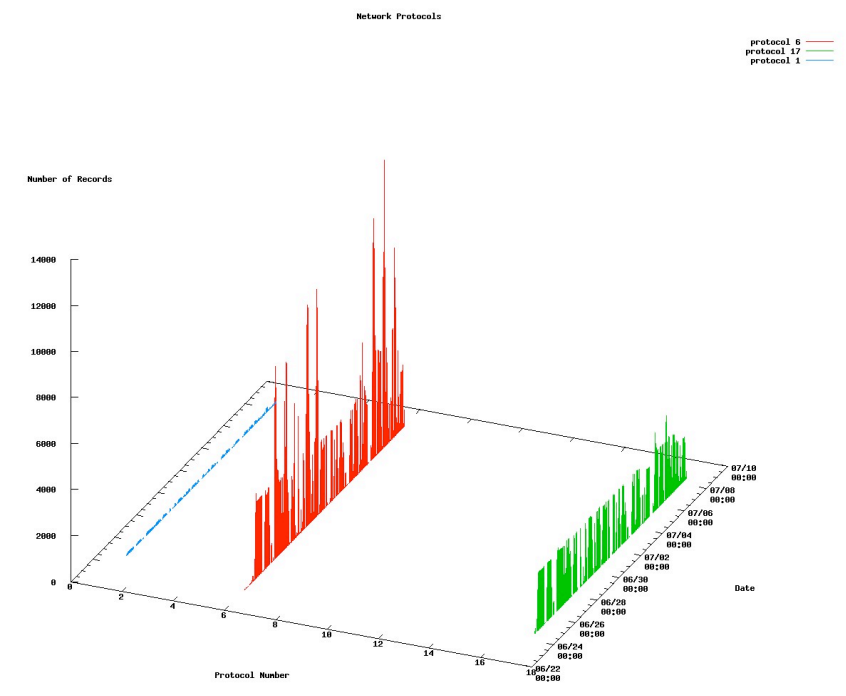
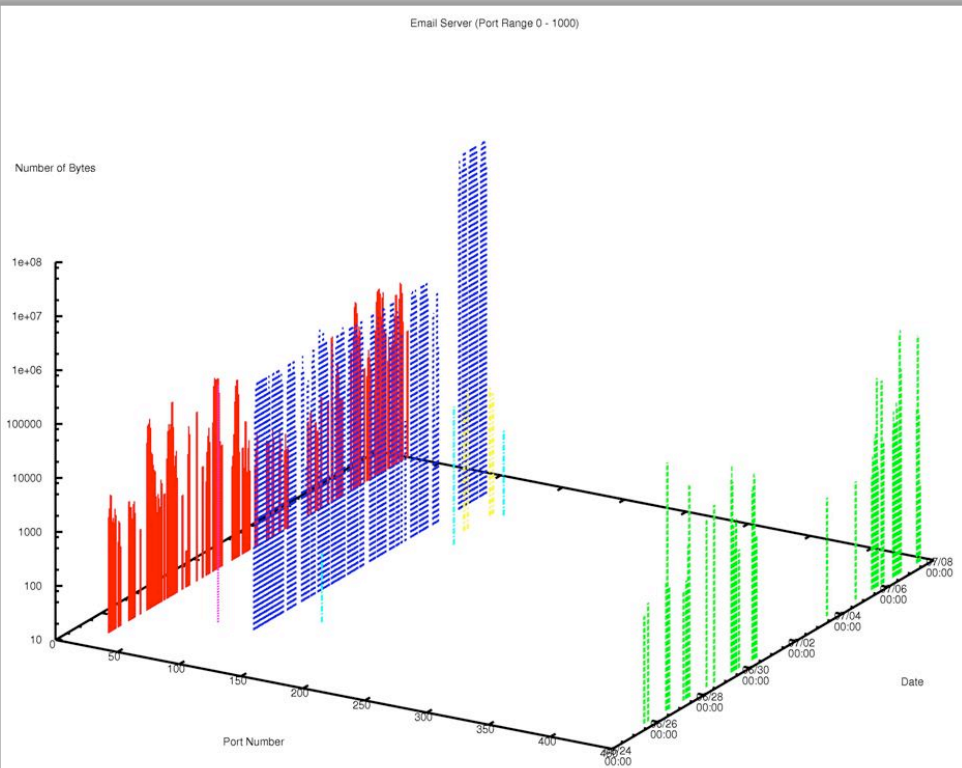
NetBytes Viewer

Joel Glanfield

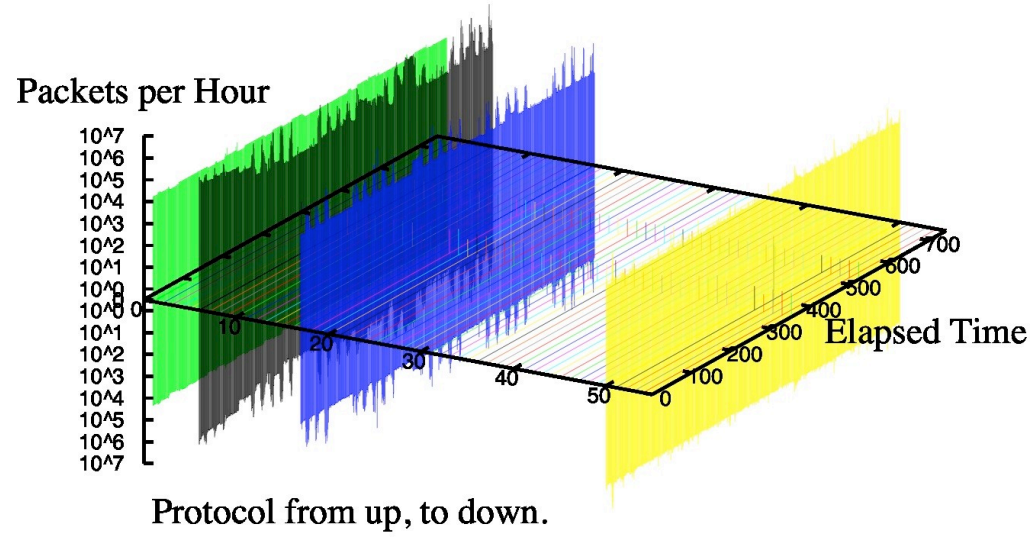
Purpose

- Interactive visualization.
- Part of the FloVis framework along with the Activity Viewer and FlowBundle.
- Visualizes Netflow traffic using an entity-based approach.
- Focuses on volumes (bytes, flows, packets).
- Provides a historical context to traffic volume patterns using a 3D graph.

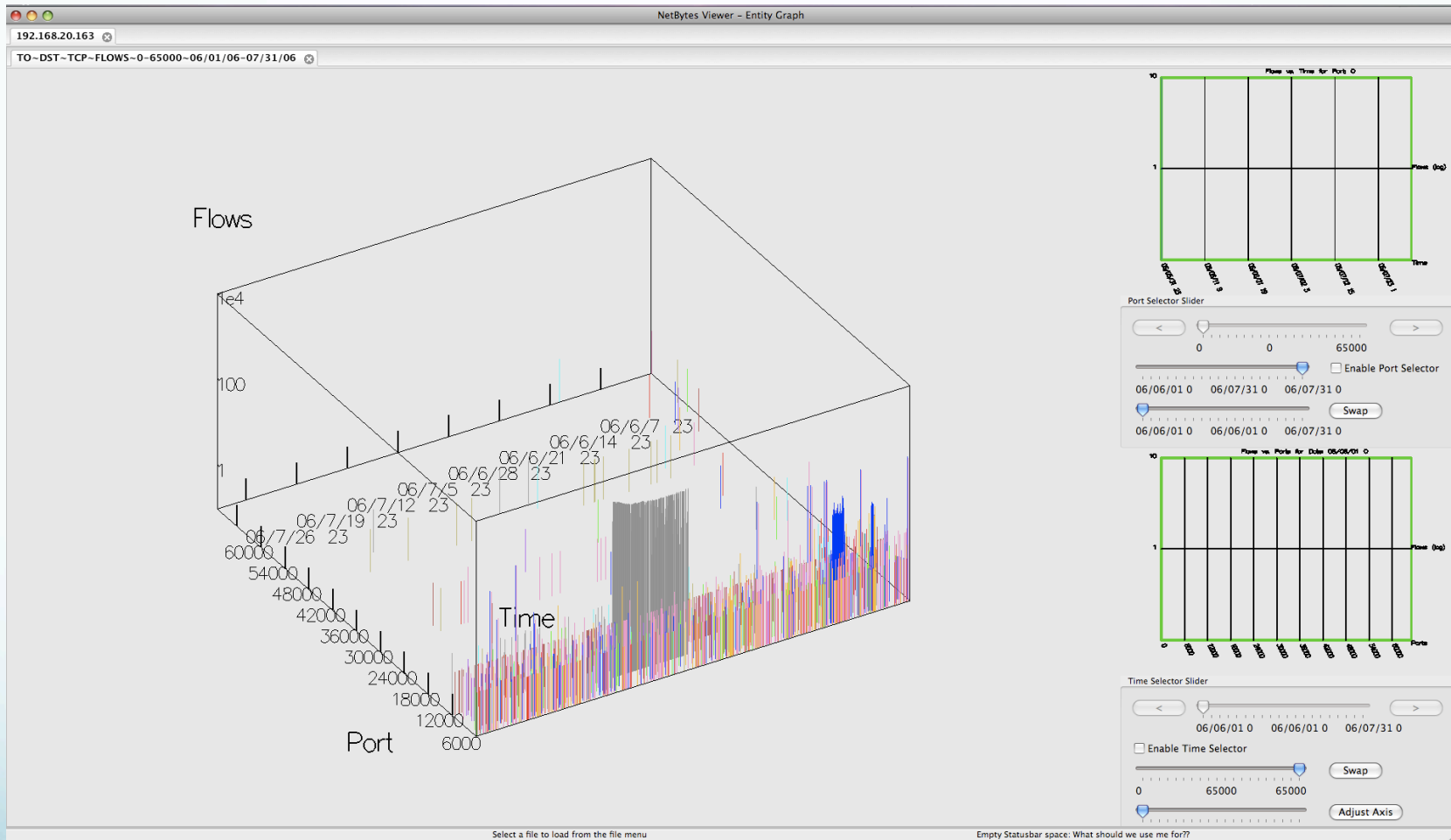




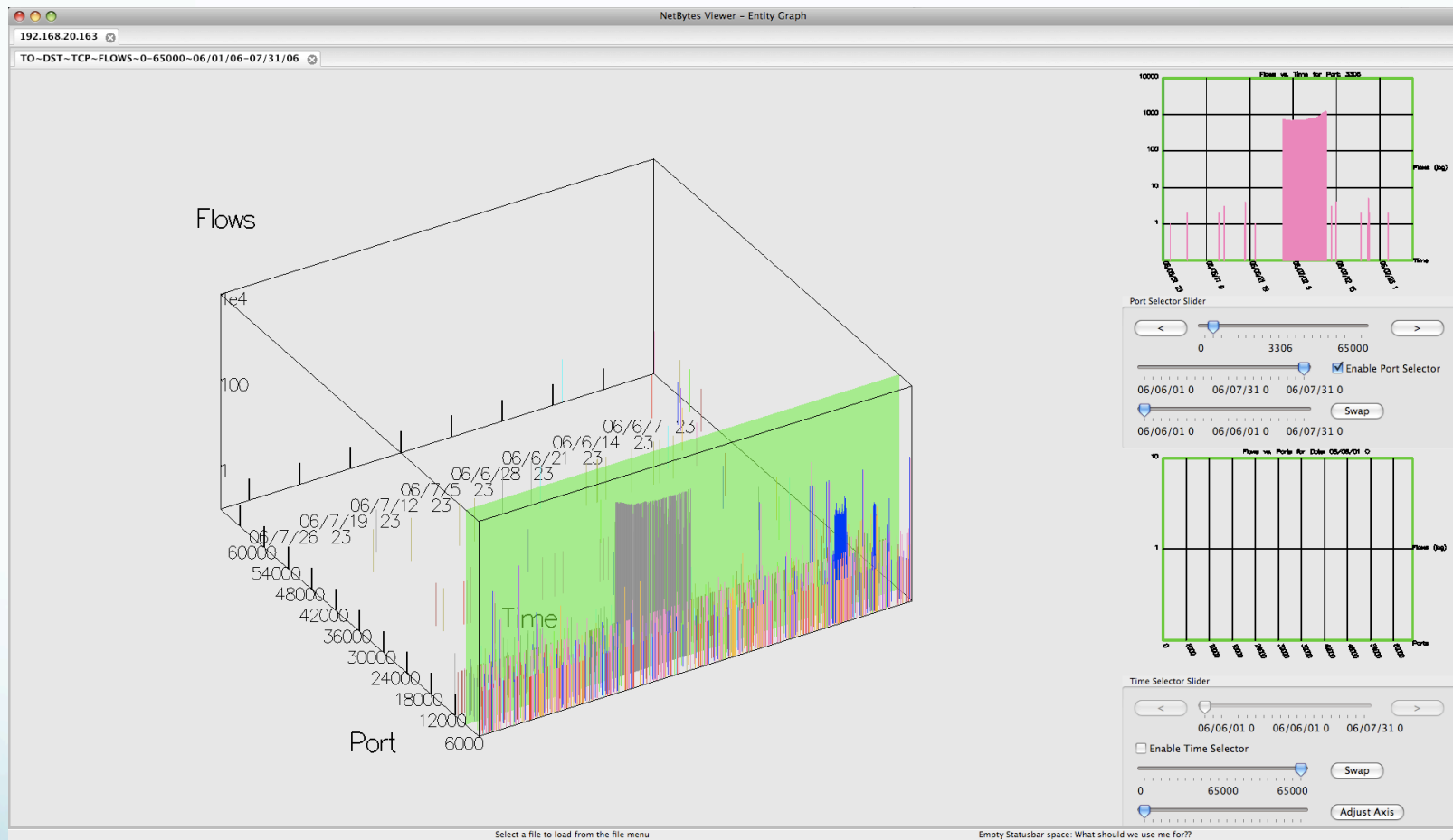
Subnet 10.0.64.0/22: 2006/03/01T00 to 2006/03/31T23
Per protocol traffic from/to subnet up/down



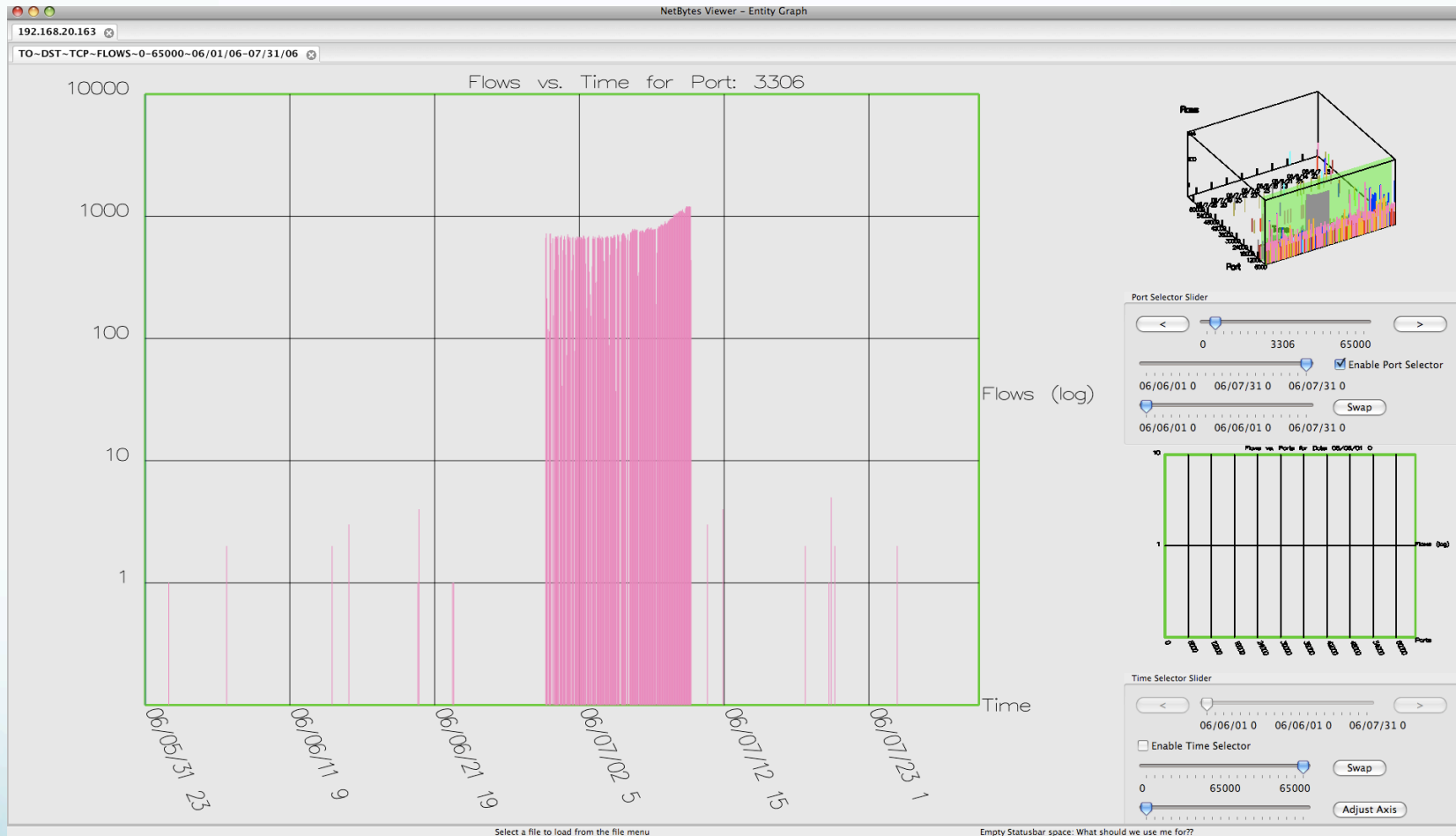
NetBytes Viewer



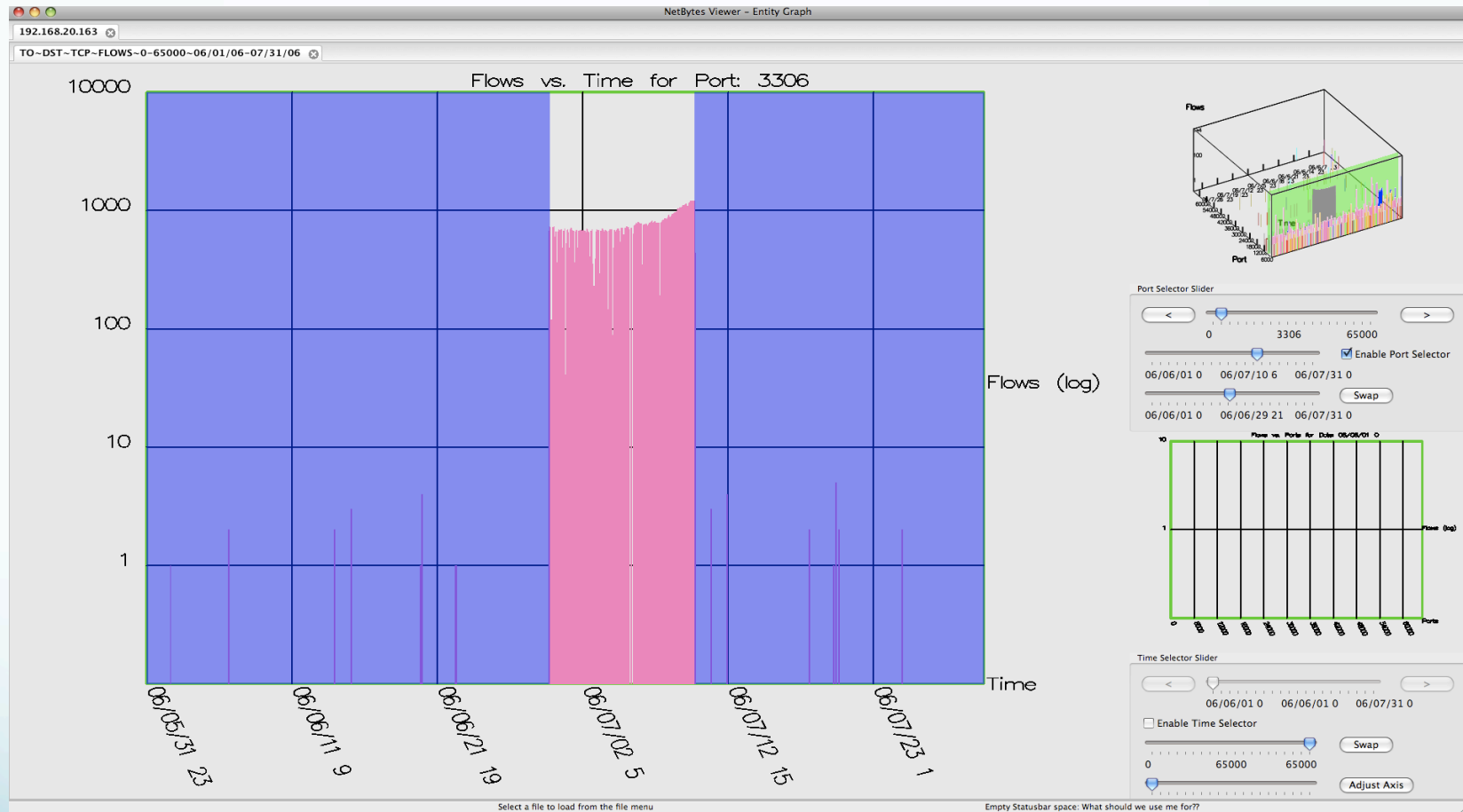
Selection Mode



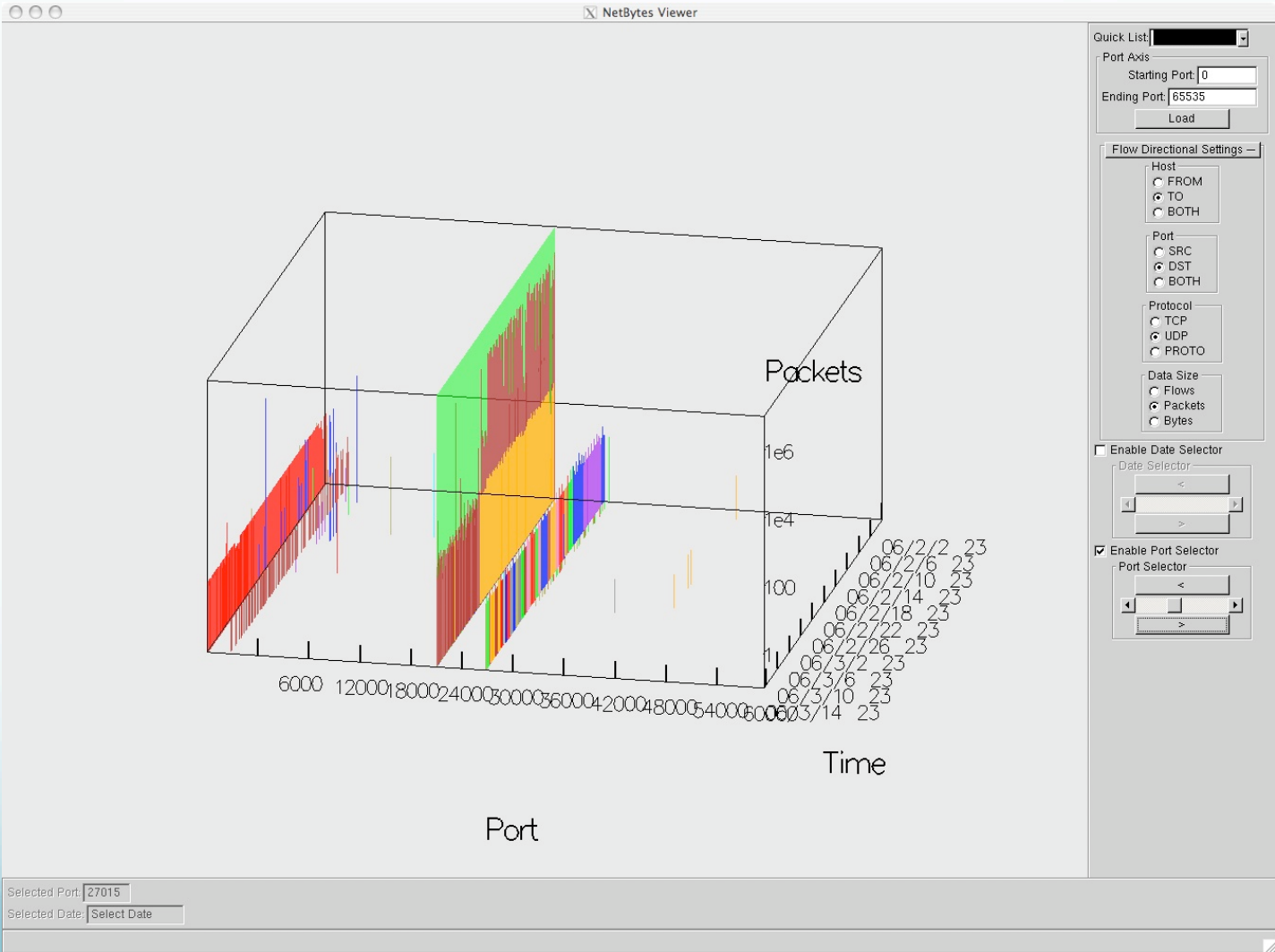
Swapping the Main View

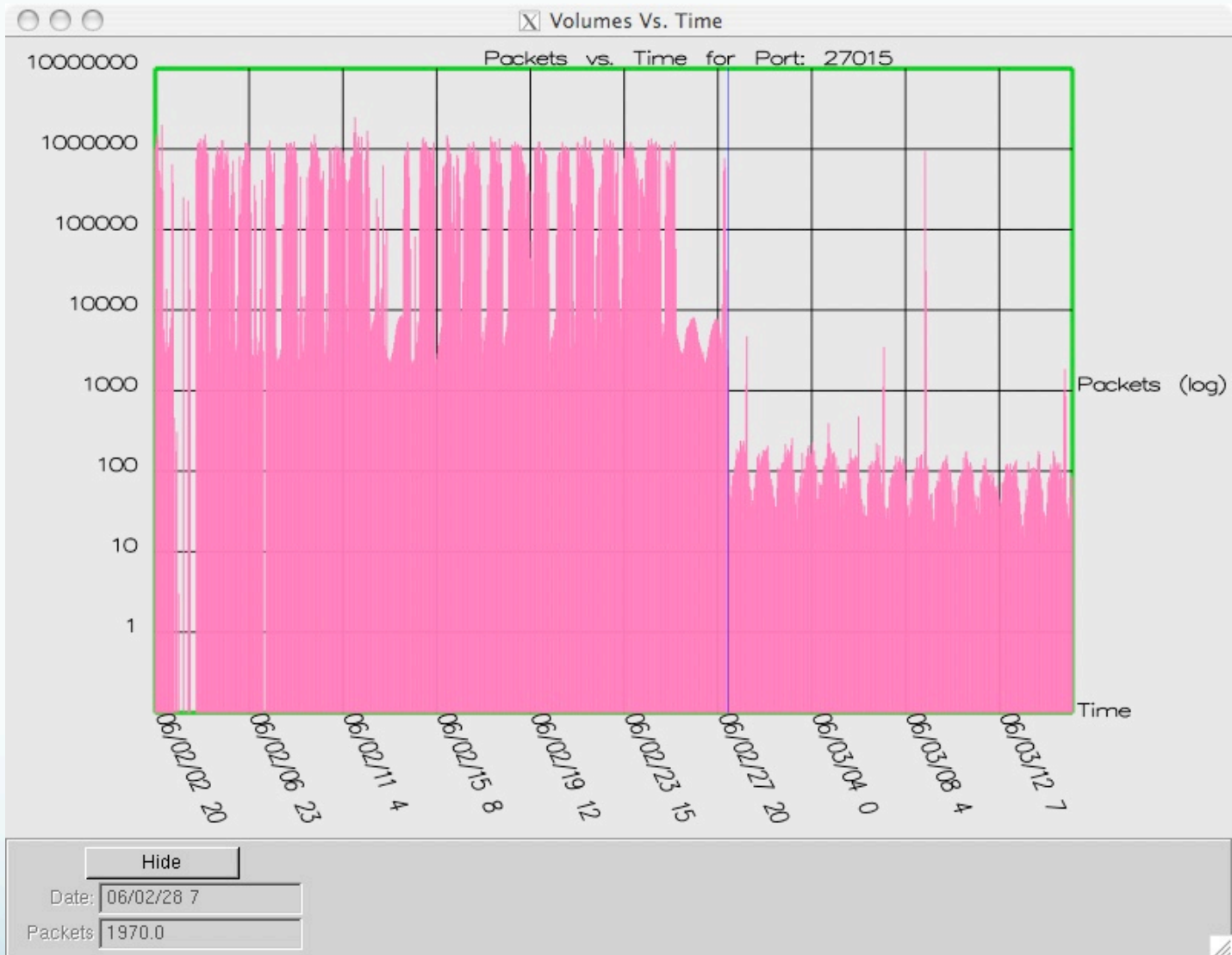


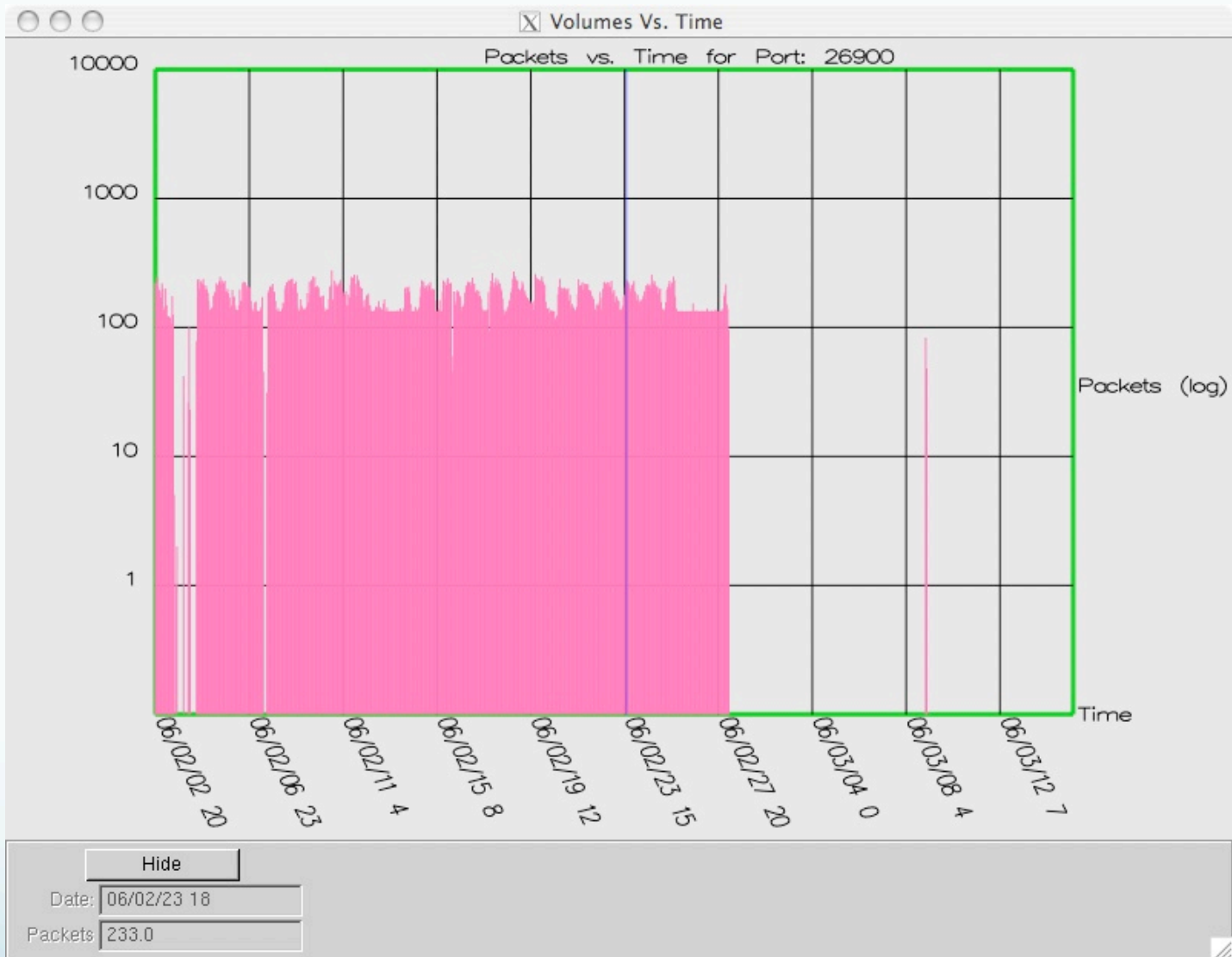
Adjust the Axis

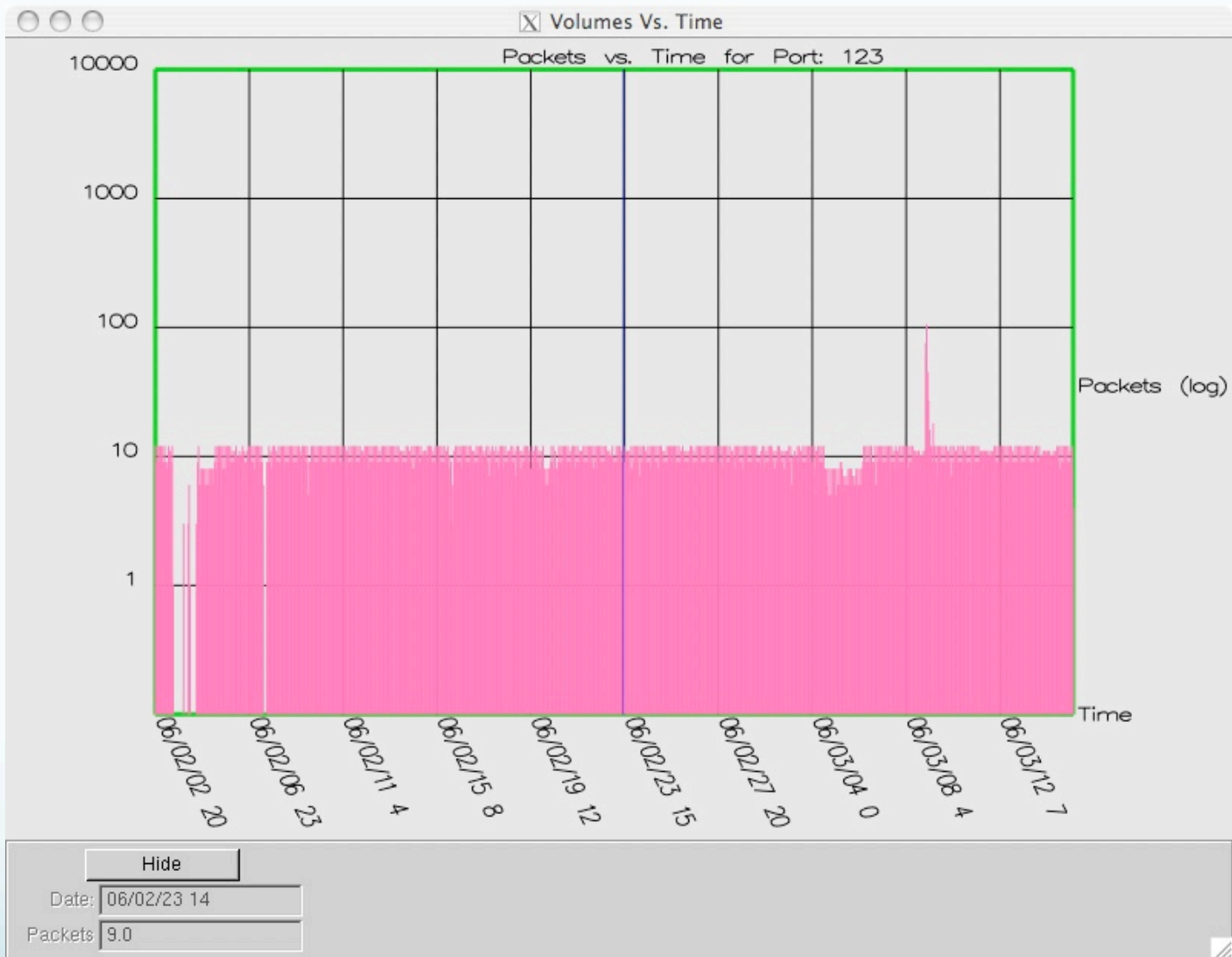


Case Study: Compromised Host

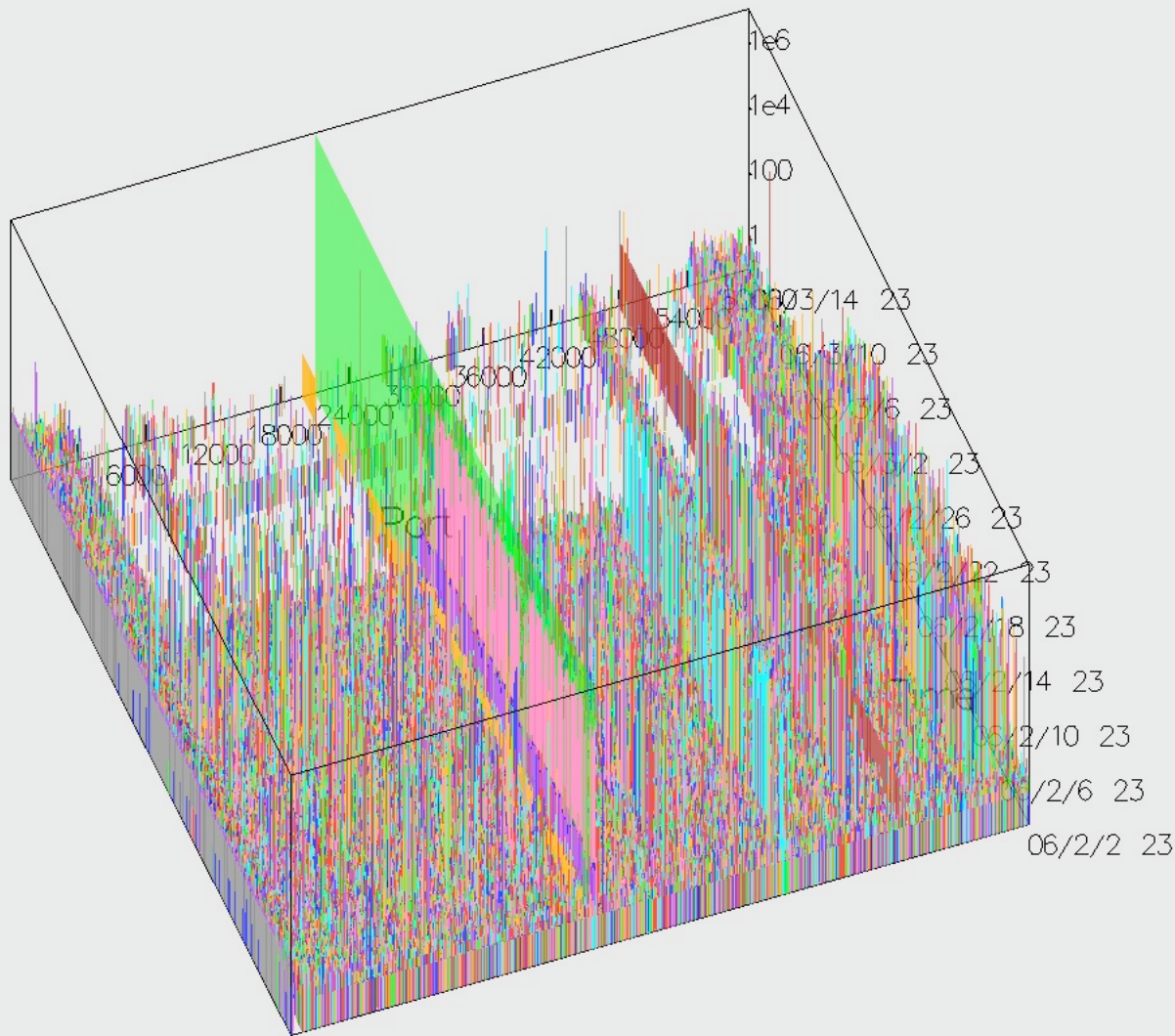








Packets



Quick List: [dropdown]

Port Axis
Starting Port: 0
Ending Port: 65535
Load

Flow Directional Settings -

- Host
 FROM
 TO
 BOTH
- Port
 SRC
 DST
 BOTH
- Protocol
 TCP
 UDP
 PROTO
- Data Size
 Flows
 Packets
 Bytes

Enable Date Selector
Date Selector
< [input] >
[input] [input] [input]

Enable Port Selector
Port Selector
< [input] >
[input] [input] [input]

Selected Port: 27014
Selected Date: Select Date