Accelerator Week in Review

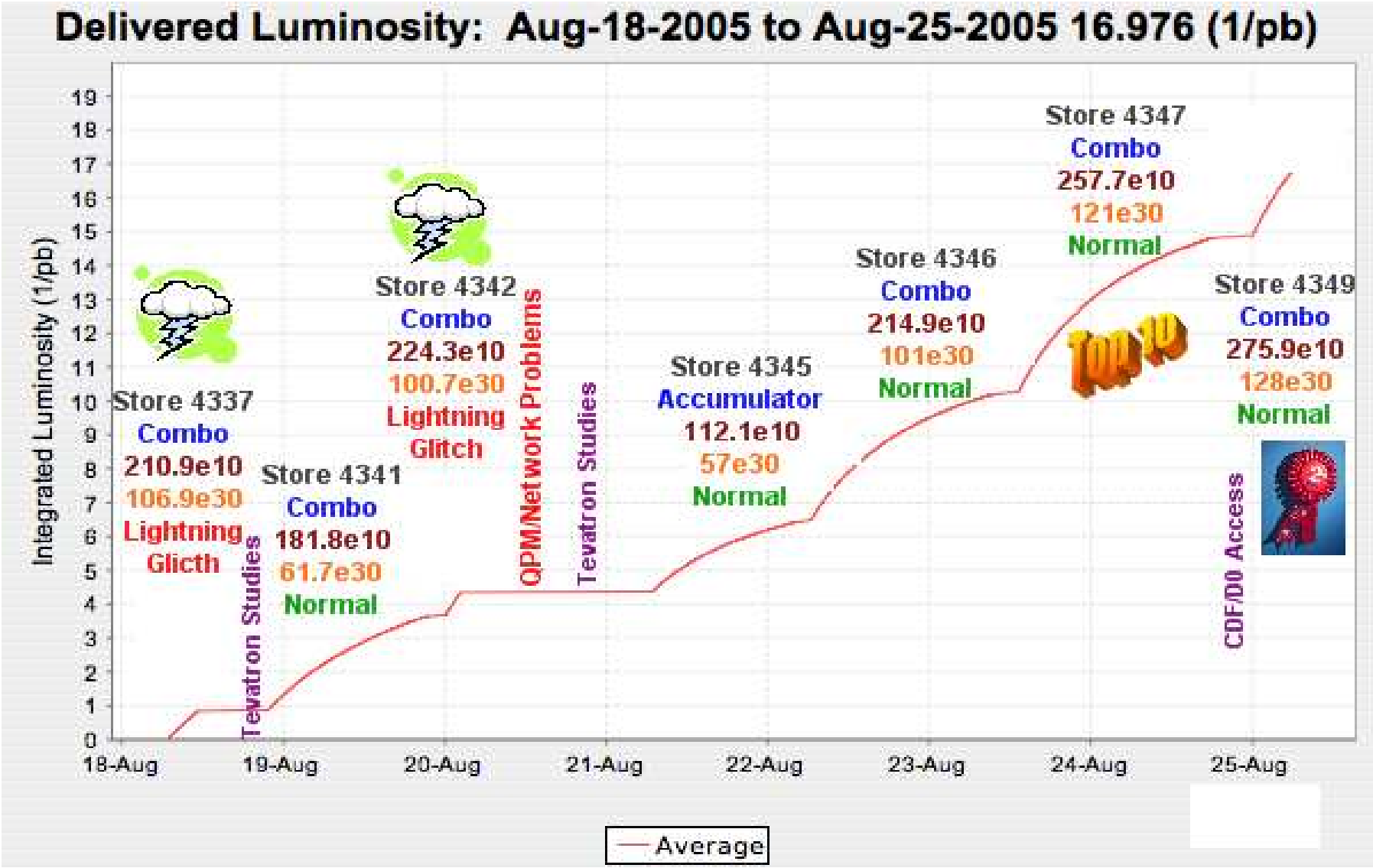
- Part I: Regular 9am Scheduling Meeting
  - Crew Chief Summary
  - 48 hour machine summaries and study requests
  - Operational Plan
- Part II: Weekly Machine Reports
  - Operational Summary – Brian Drendel
  - Shot Summary – Brian Drendel
  - Weekly Machine Reports – Machine Coordinators

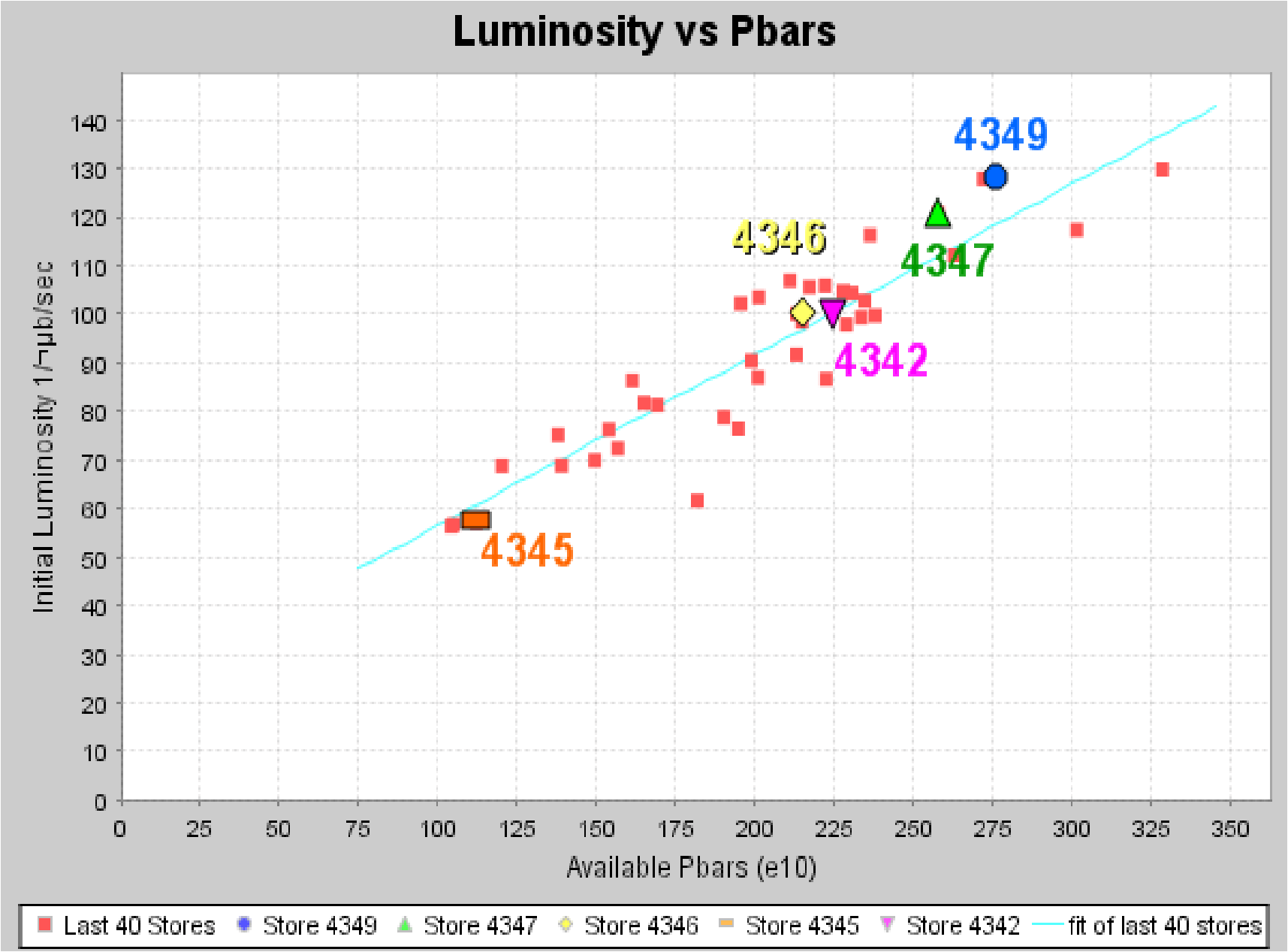
Users

Pbar/Recycler

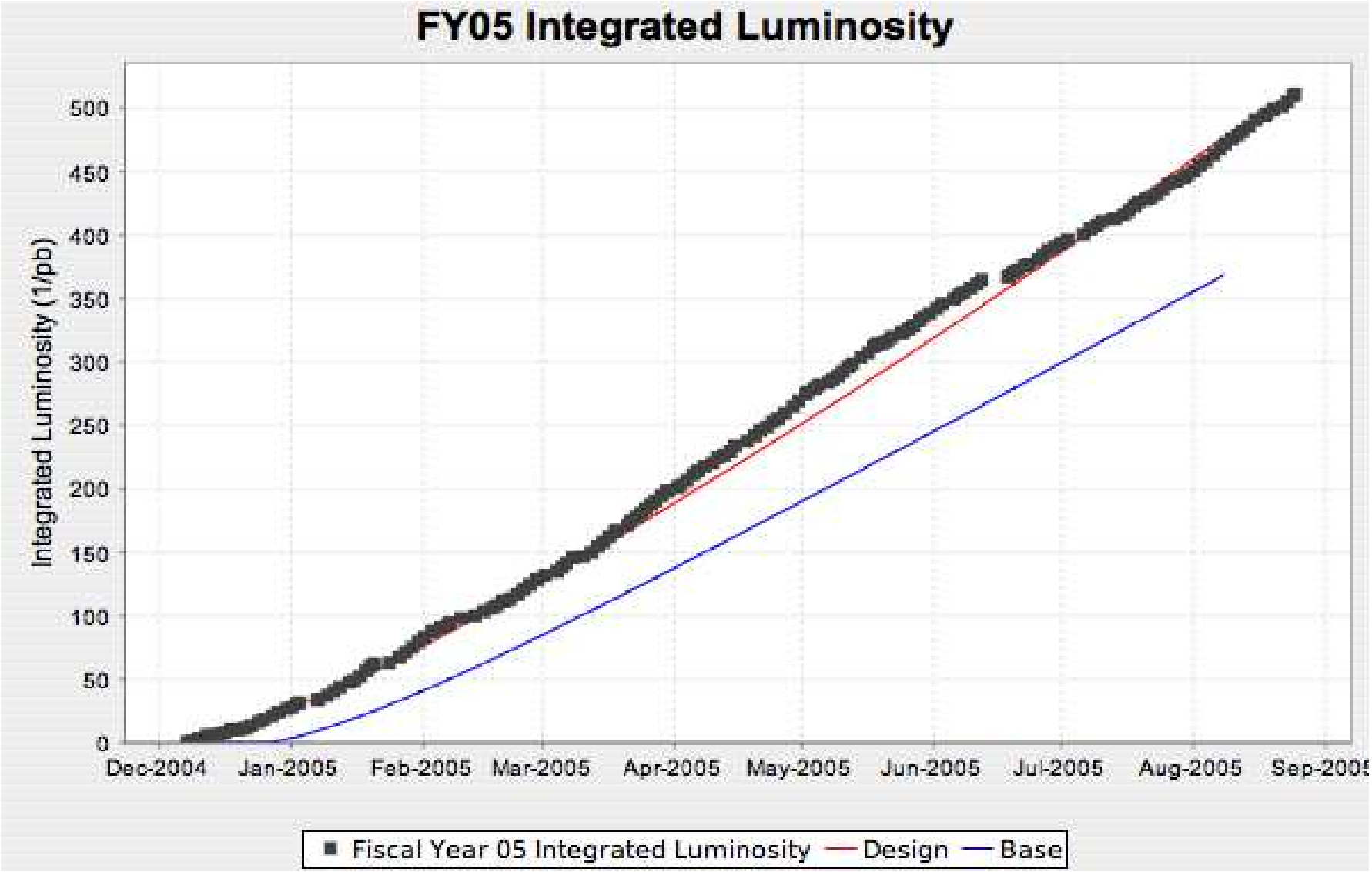
Tevatron

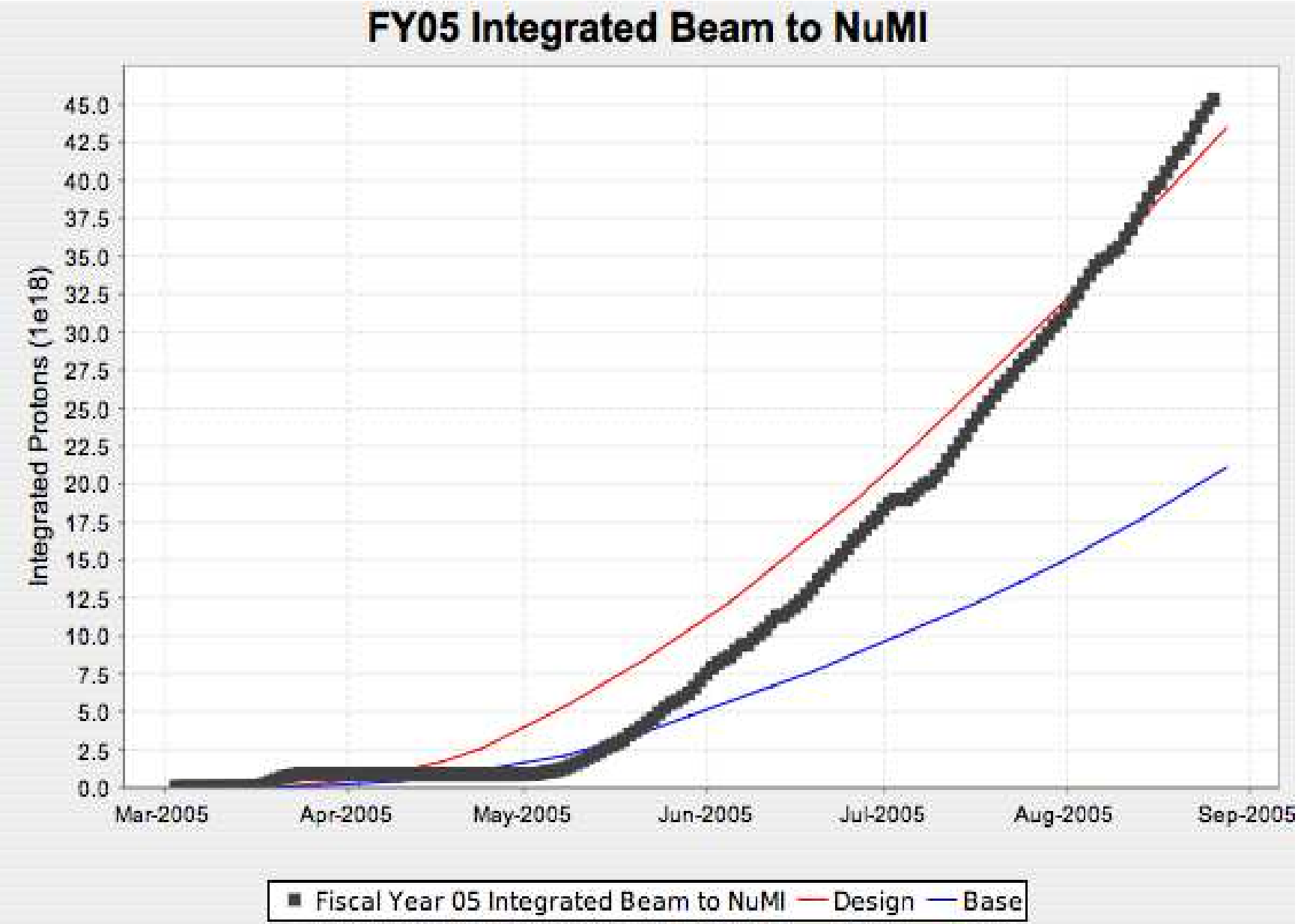
Integrated Luminosity

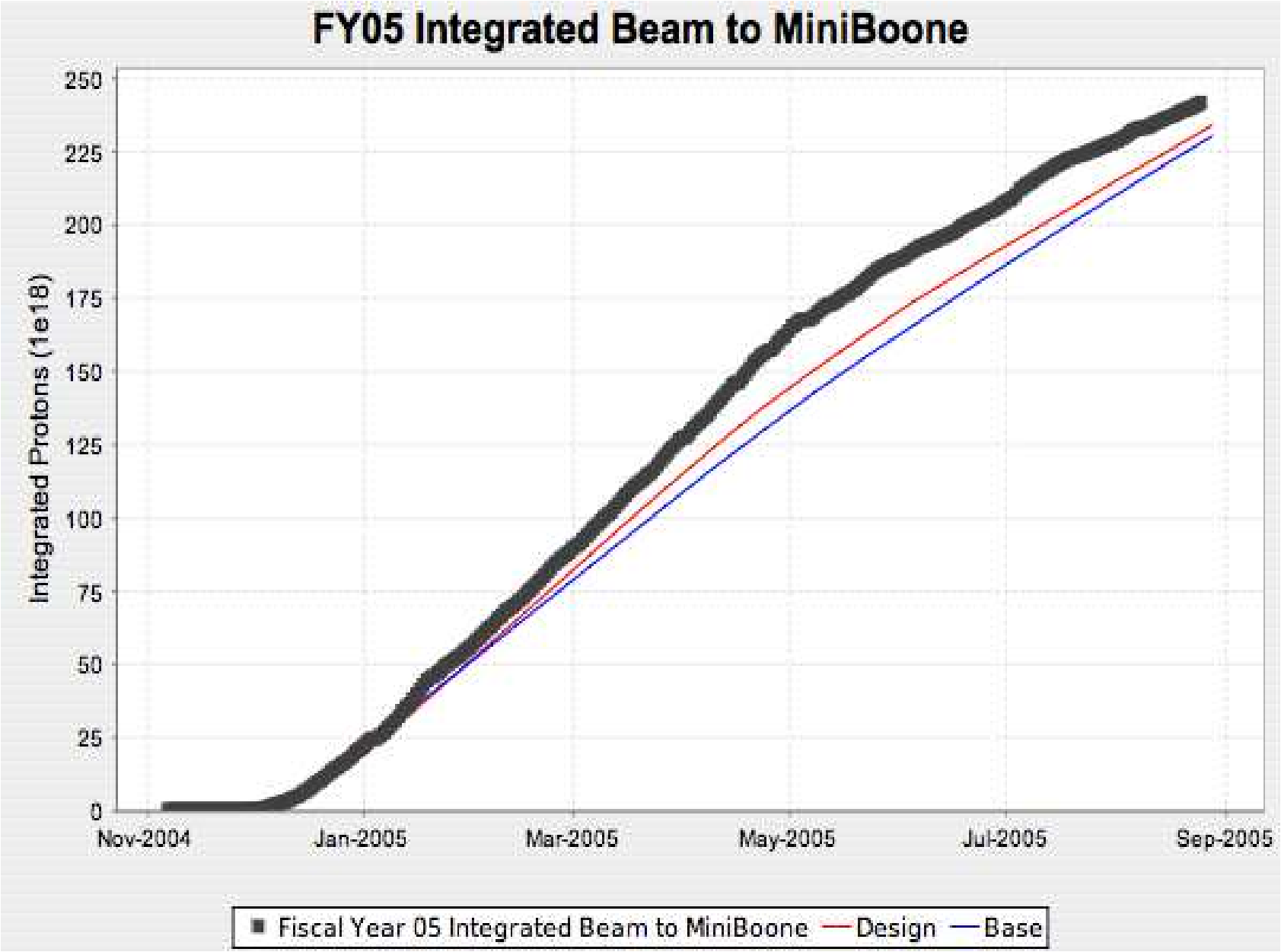


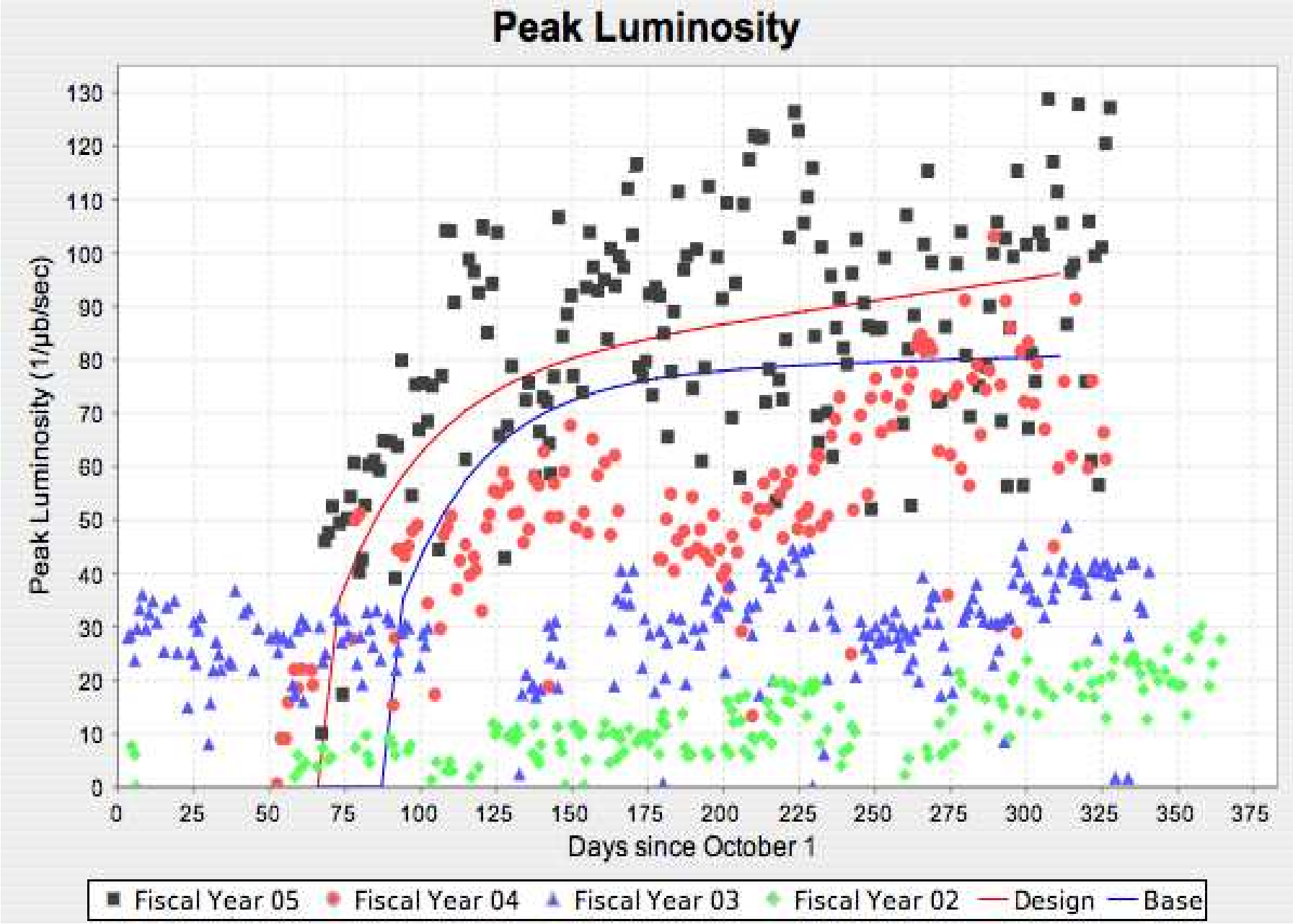
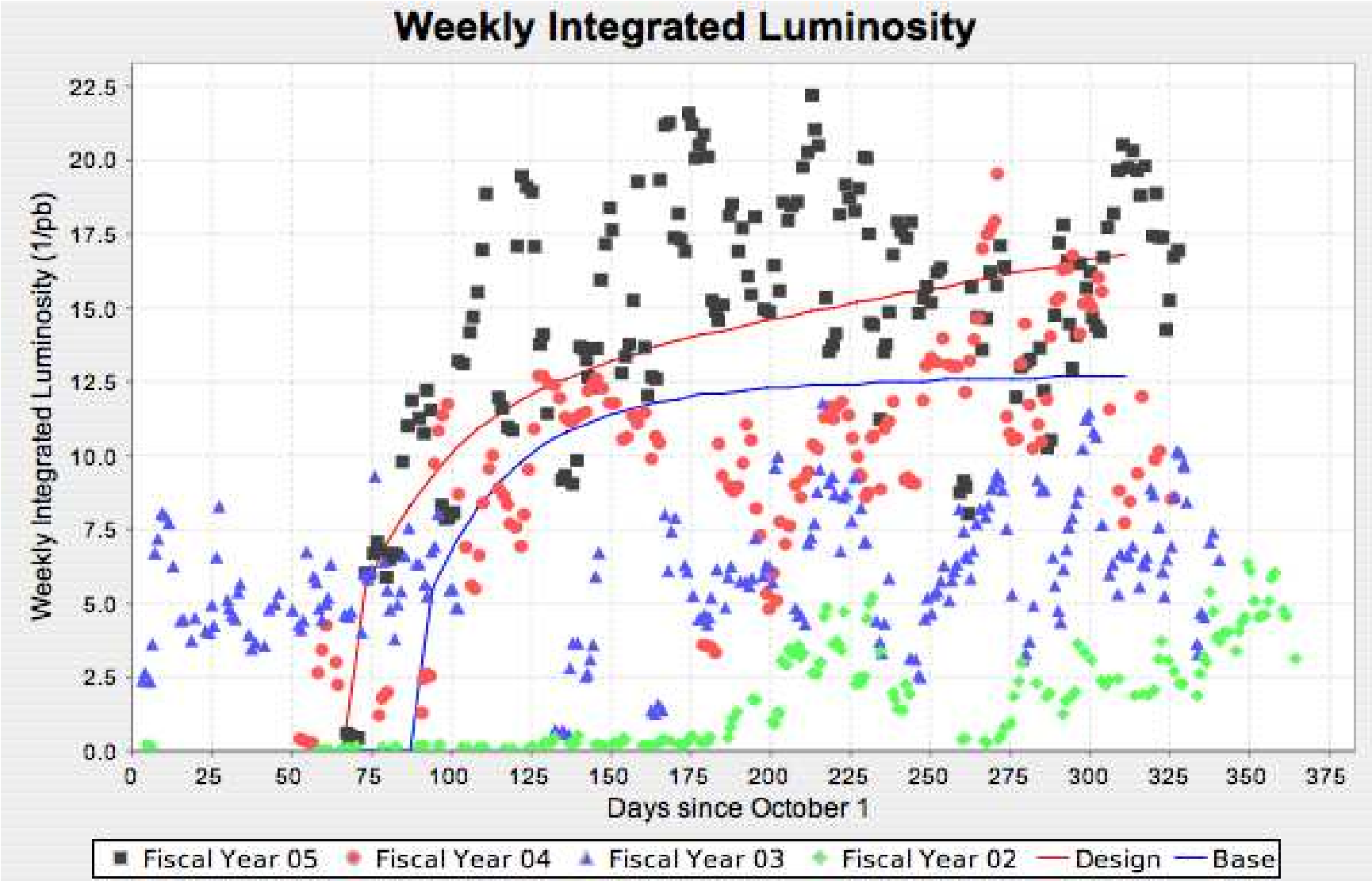

Luminosity vs Pbars
Initial Luminosity 1/¬µb/sec
Available Pbars (e10)
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
0
25
50
75
100
125
150
175
200
225
250
275
300
325
350
4349
4347
4346
4342
4345
Last 40 Stores
Store 4349
Store 4347
Store 4346
Store 4345
Store 4342
fit of last 40 stores

Integrated for Fiscal Year




FY05 Integrated Beam to NuMI
Integrated Protons (1e18)
45.0
42.5
40.0
37.5
35.0
32.5
30.0
27.5
25.0
22.5
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
Mar-2005
Apr-2005
May-2005
Jun-2005
Jul-2005
Aug-2005
Sep-2005
Fiscal Year 05 Integrated Beam to NuMI
Design
Base


FY05 Integrated Beam to MiniBoone
Integrated Protons (1e18)
250
225
200
175
150
125
100
75
50
25
0
Nov-2004
Jan-2005
Mar-2005
May-2005
Jul-2005
Sep-2005
Fiscal Year 05 Integrated Beam to MiniBoone
Design
Base


Peak Luminosity
Peak Luminosity (1/μb/sec)
0
10
20
30
40
50
60
70
80
90
100
110
120
130
0
25
50
75
100
125
150
175
200
225
250
275
300
325
350
375
Days since October 1
Fiscal Year 05
Fiscal Year 04
Fiscal Year 03
Fiscal Year 02
Design
Base

Weekly Integrated for Fiscal Year