The New Midad Library

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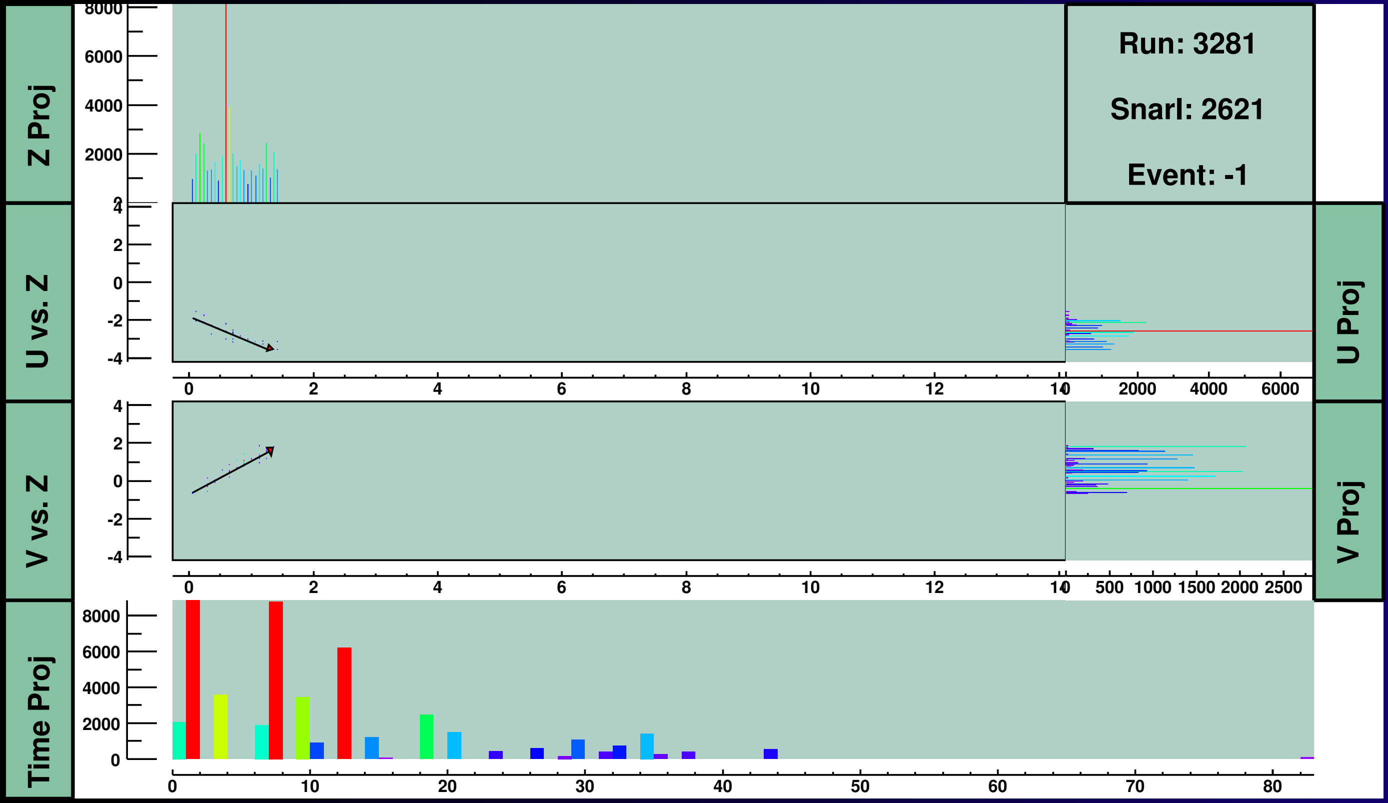
Talk Outline

- Sneak Preview of PS output
- CVS Reorganization.
- Running and configuring the new Midad
- Demo
- To do

Roy’s Up-going μ - PS output



CVS Reorganization

Now:

- Both `Midad` and `MIDAD` packages exist
- `Midad` provides no executable
- `Midad` is not “turned on” (must `addpkg -h`)
- `Loon` added, provides `loon` exec

After the meeting:

- Remove `MIDAD` from packages-development
- Add `Midad` to `packages-development`
- Remove `demojob` target in `Demo`

Running

Things are run similarly as before. Instead of

```
midad your_config.jcm your_favorite_file.root
```

you have:

```
loon your_config.C your_favorite_file.root
```

Example `midad.C` provided in `Midad`.

Basic running and configuration

1. `loon file.C file.root`
2. `gSystem->Load("libMidad.so")`
3. `gSystem->Load("libOthers.so")`
4. Create and fill Job Path(s)
5. Create a Job Control interface: `JobC`
6. Create a Midad INTerface: `Mint mint(jc);`
7. Make some Models: `mint.MakeModel(...);`
8. Make a Display: `mint.SpawnDisplay(...);`
9. Make some Scenery: `mint.AddScenery(...);`

Example Config and Demo

- Closer look at `midad.C` $\longrightarrow$
- Demonstration (cross your fingers) $\longrightarrow$

To Do

- Some old MIDAD functionality still missing (*eg.* unzoom)
- Numerical color scale
- Useful popup menus
- More config via GUI (Registry editor, menus)
- Select time slice, display only hits in that time.
- ...