

Phase 2 - First Pass

Start with longest list (from Nonaka) and add events from Emily's list or new events

(1) Check event type:

- (1.1) muon present
- (1.2) electron likely
- (1.3) no muon or electron
- (1.4) di-muon
- (1.5) unlikely neutrino interaction

(2) Location status in `myana1`

- (2.1) located with high probability
- (2.2) `.dft` file but not located or vertex errors
- (2.3) no `.dft` file
- (2.4) no `.rft` file

Preliminary Results-

| | | | |
|--------------------------------|-----|--------------|---|
| Events in Phase 2 set | 227 | | |
| Located | 132 | | |
| No emulsion data | 74 | | |
| Muon CC event | 100 | [53 located] | |
| "electron" CC event | 39 | [31 " |] |
| Unknown type | 74 | [44 " |] |
| Not neutrino interaction | 12 | [2 " |] |
| Di-muon event | 2 | [2 " |] |

From Gina: current analysis yields 71 muon CC from Phase 2. [same code yields 54 of 71 Phase 1 muon CC events]