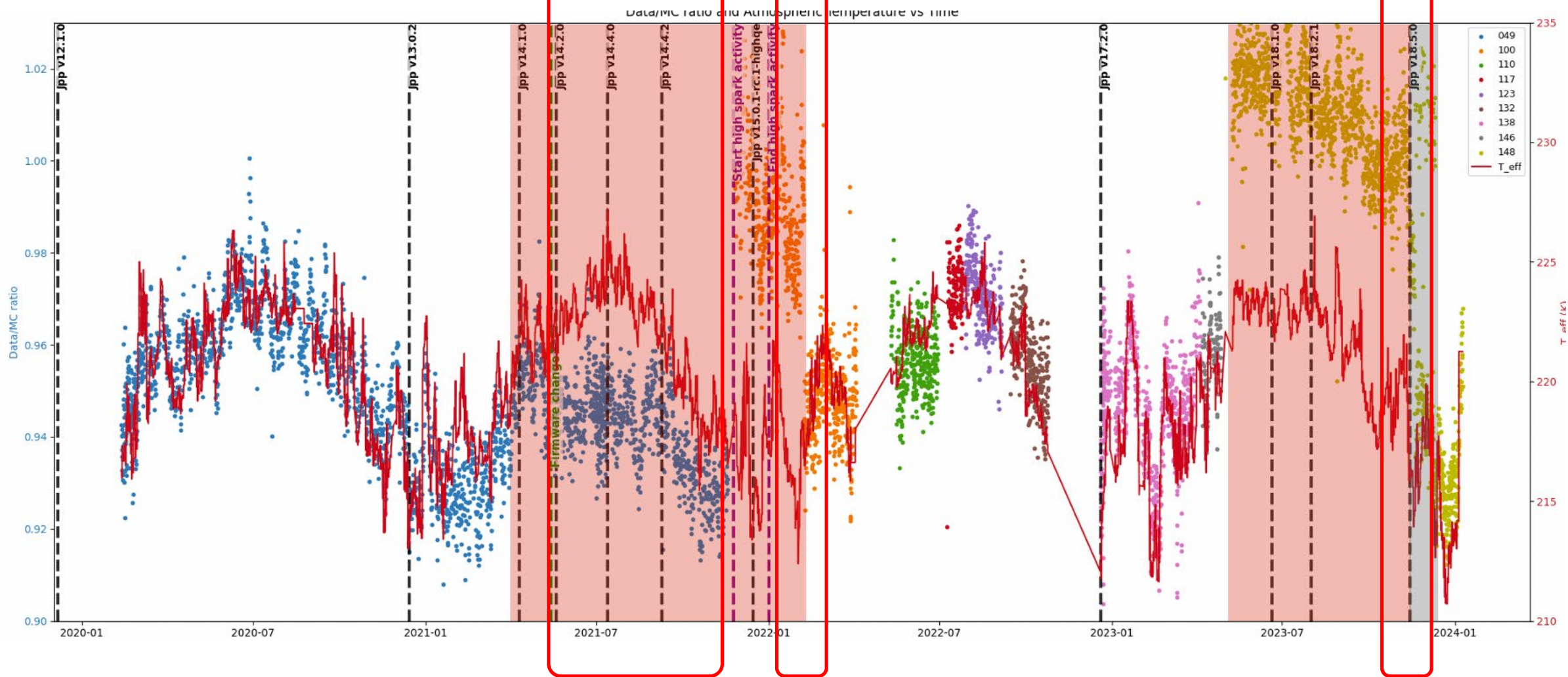
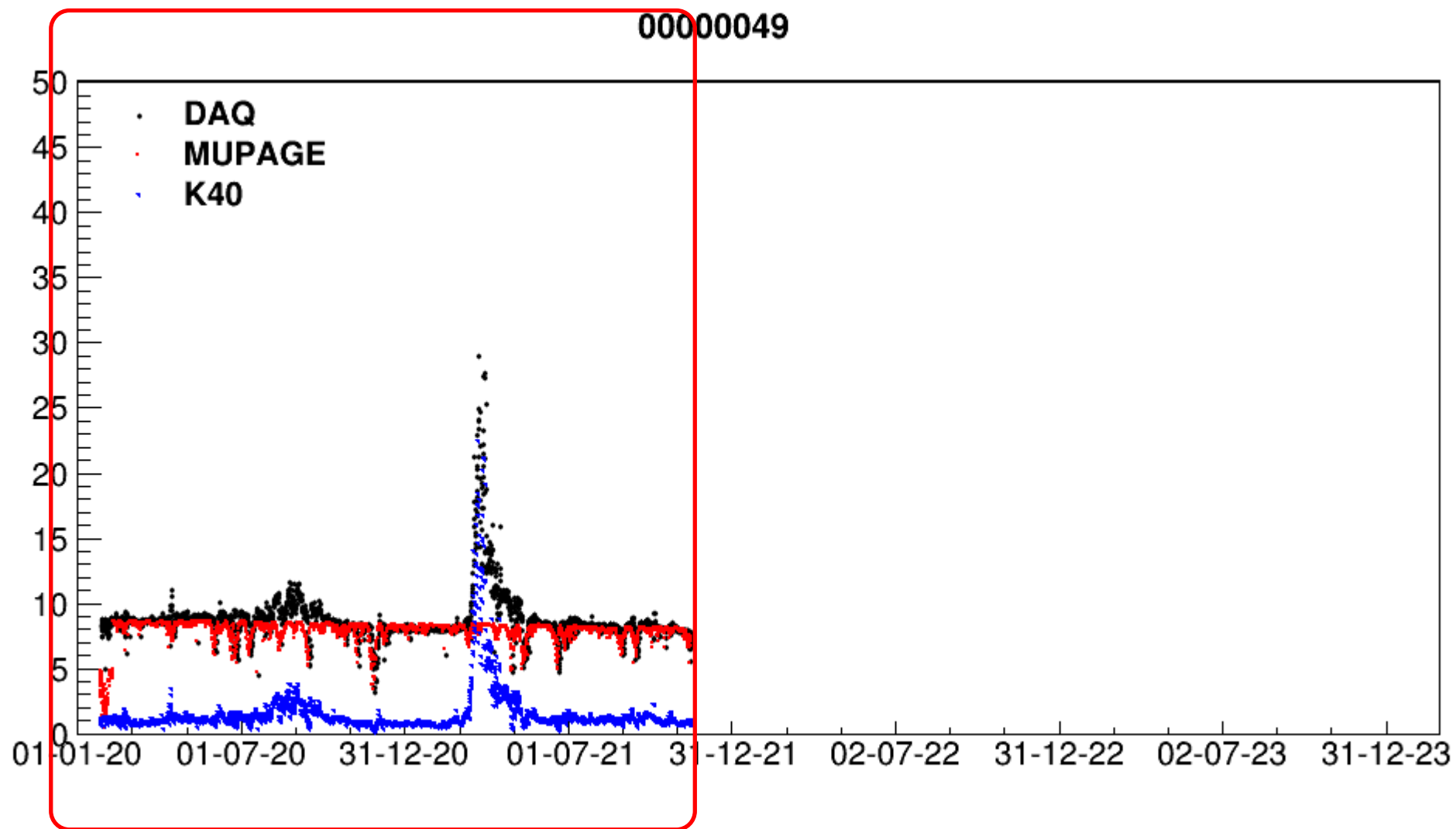
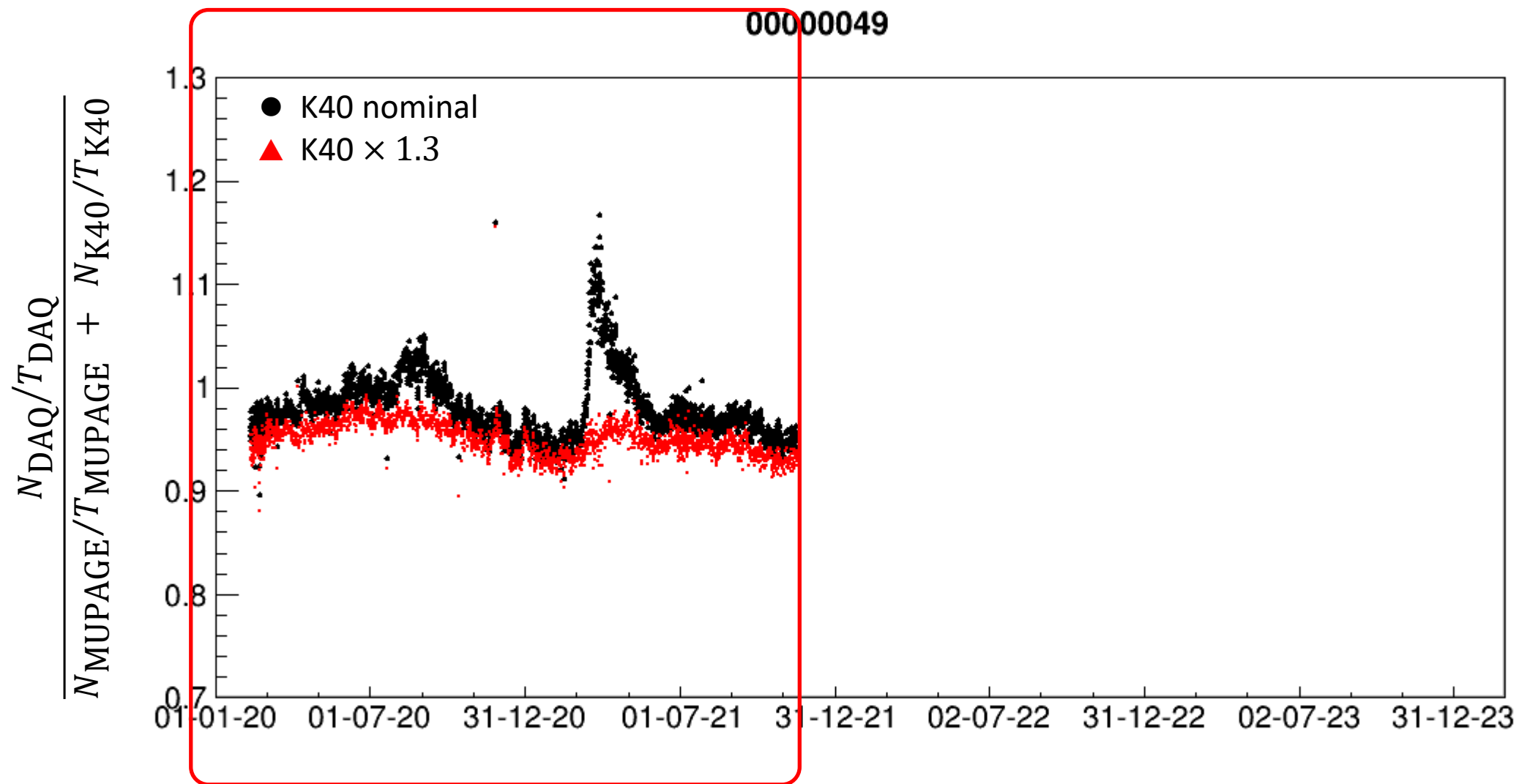
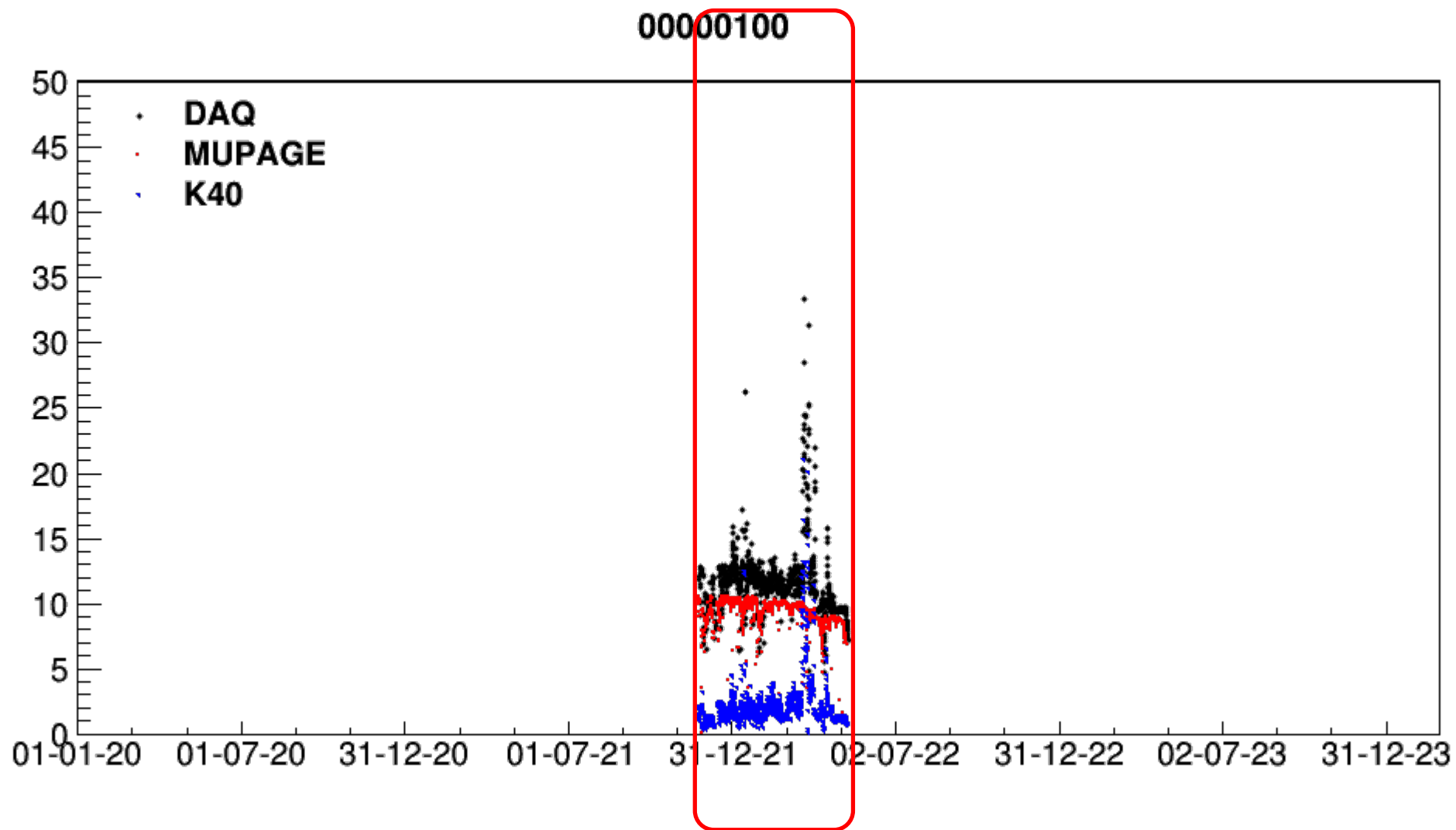


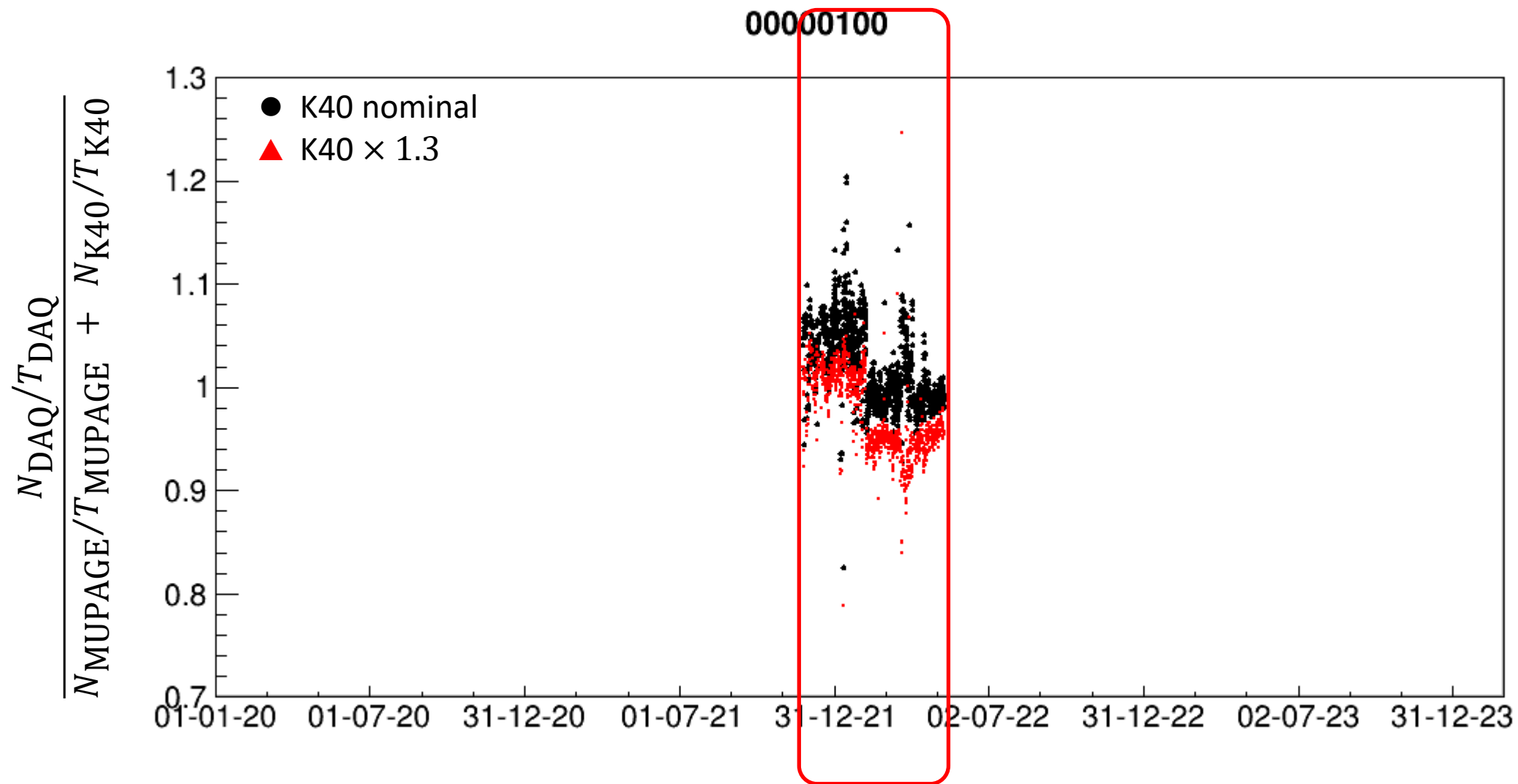


event rates?

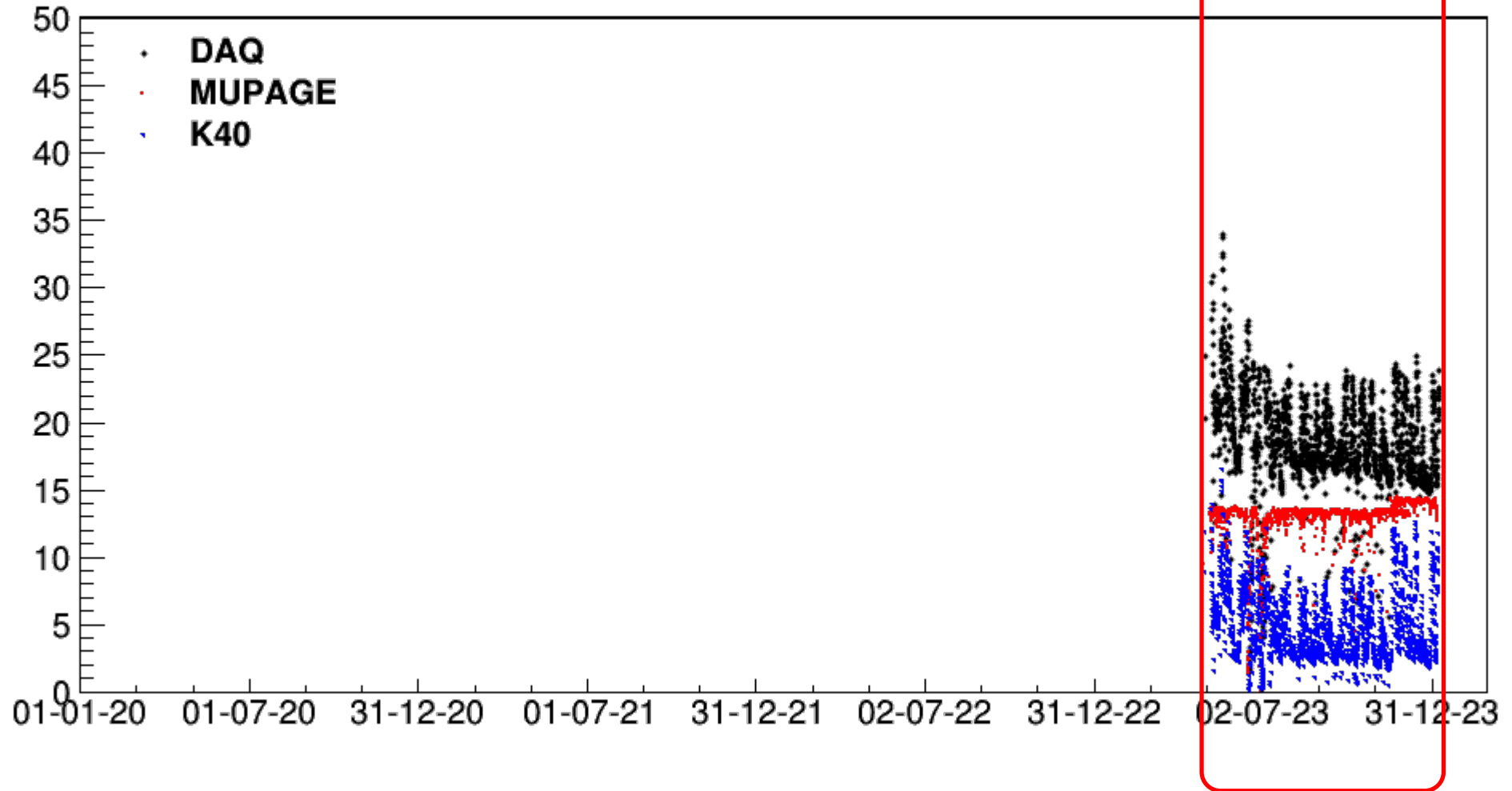




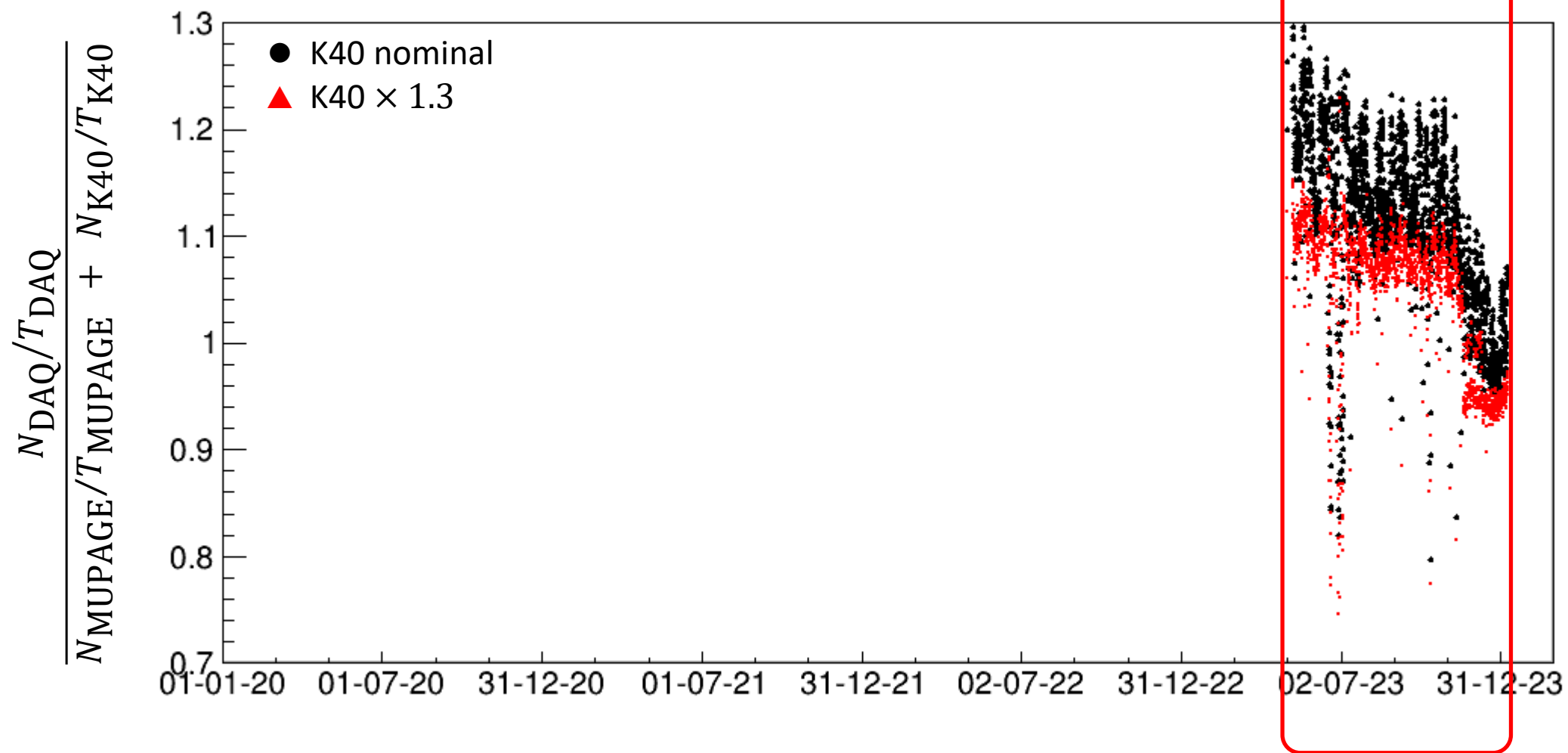




00000148

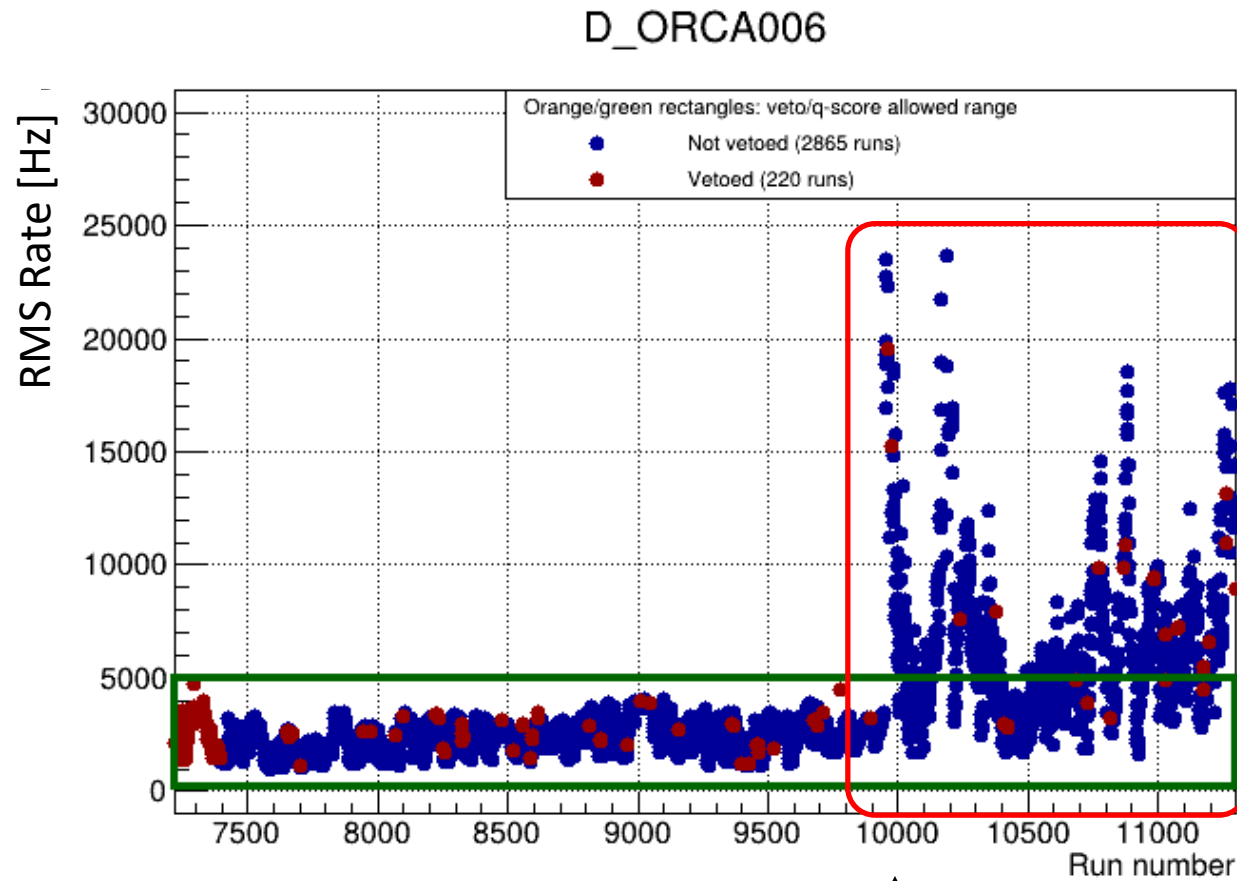


00000148



QA/QC?

# D\_ORCA006 (49)



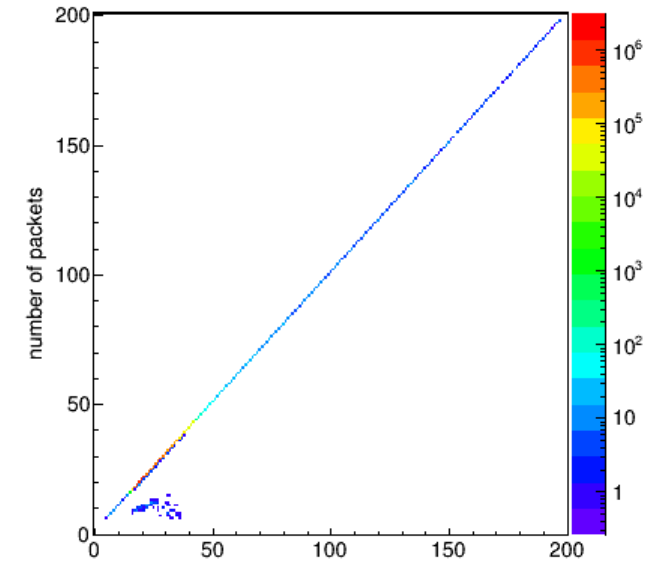
15-05-2021  
“firmware change” ← introduction of multi-hit feature?

```
JChecksum -f KM3NeT_00000049_00010280.root
```

TDC        98        ← invalid PMT number

time       543       ← invalid time order

UDP        275



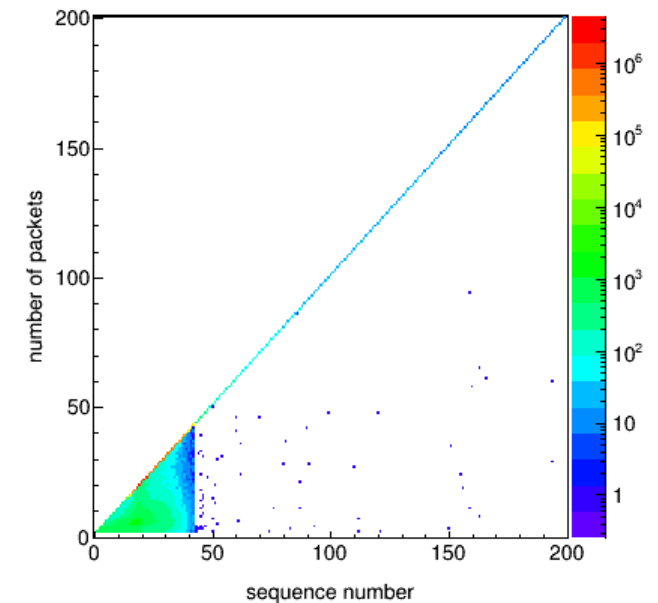
```
JChecksum -f KM3NeT_00000049_00010748.root
```

PMT 1089922       ← invalid PMT number

TDC   916207       ← invalid TDC value

time   211412

UDP   197035

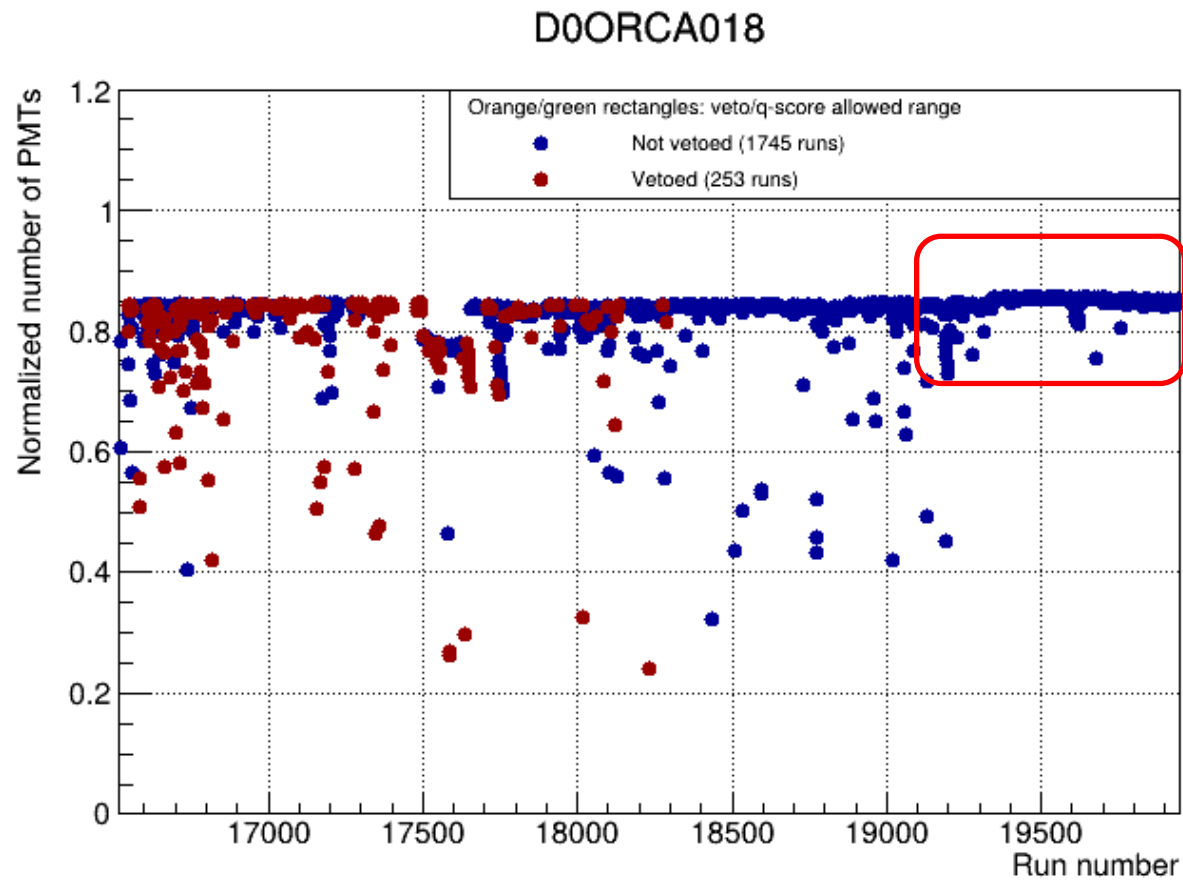


# D0ORCA018 (148)

- Strings 27 and 28 were [dis]entangled

| Run(s)      | Date(s)    | Event                                                    | Ref. |
|-------------|------------|----------------------------------------------------------|------|
| 16546       | 01/05/2023 | First run with this detector                             |      |
| 16626       | 13/05/2023 | First tuning of emitter #9 capacitor voltage (10 to 30V) | [5]  |
| 18345-18360 | 06/09/2023 | Low Q factor threshold on WF28                           | [6]  |
| 19338-19342 | 19/11/2023 | Mini-Sea Op. ORCA.0027 and ORCA.0028 disentangl.         | [7]  |
| 19944       | 09/01/2024 | ORCA off for shore station relocation at IFREMER         | [8]  |

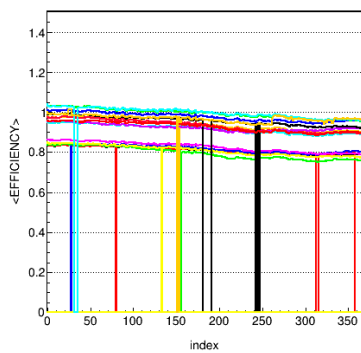
# D0ORCA018 (148)



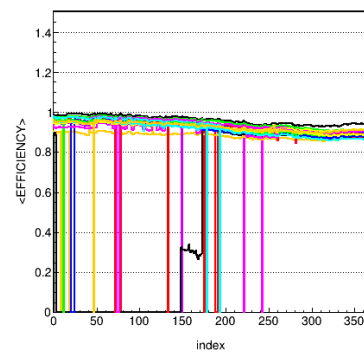
PMT calibrations?

# D ORCA006

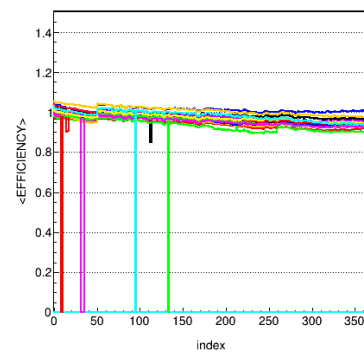
(0001)



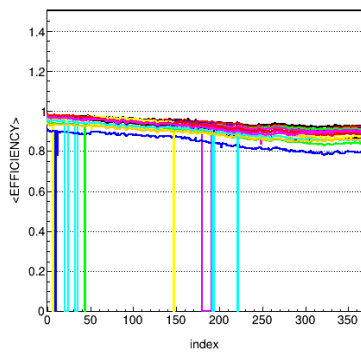
(0002)



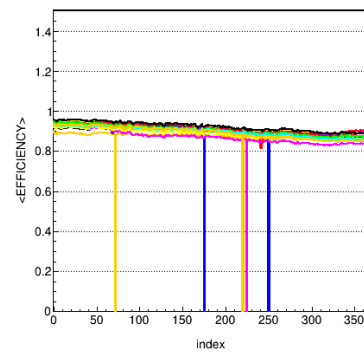
(0003)



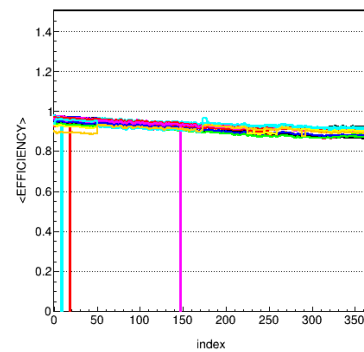
(0009)



(0010)

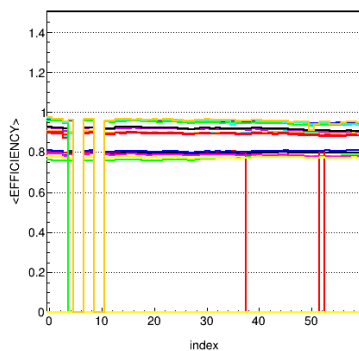


(0011)

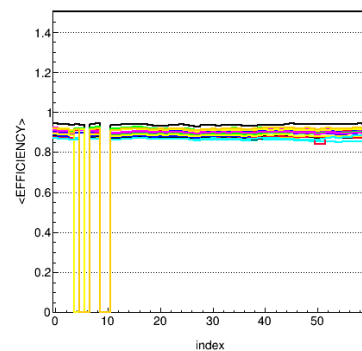


# DOORCA010

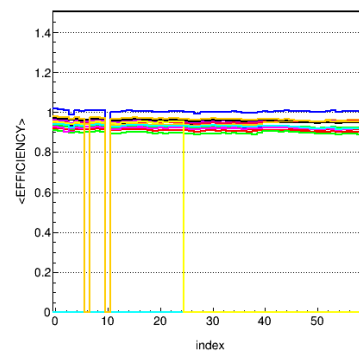
(0001)



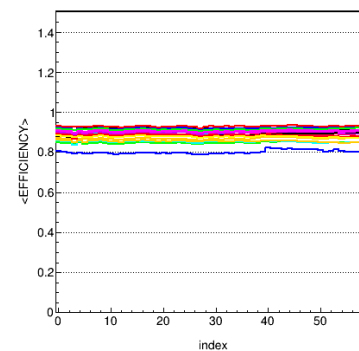
(0002)



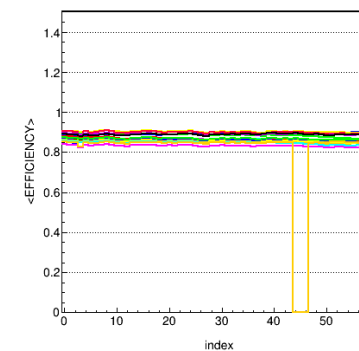
(0003)



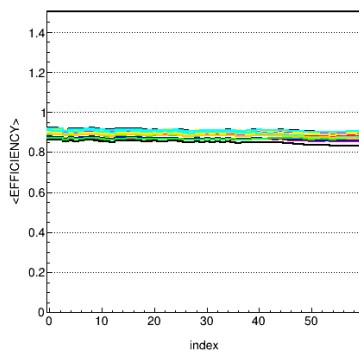
(0009)



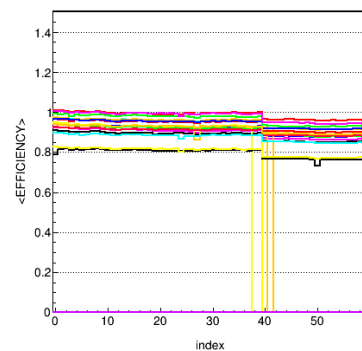
(0010)



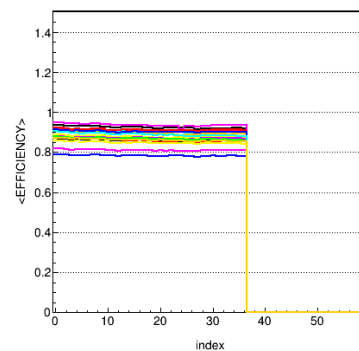
(0011)



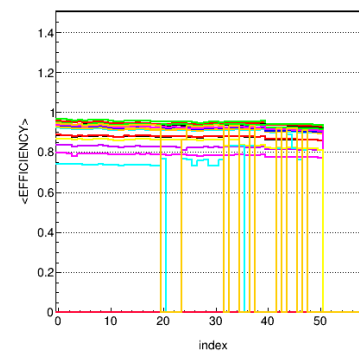
(0012)



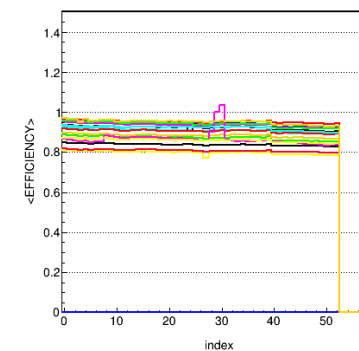
(0017)



(0018)

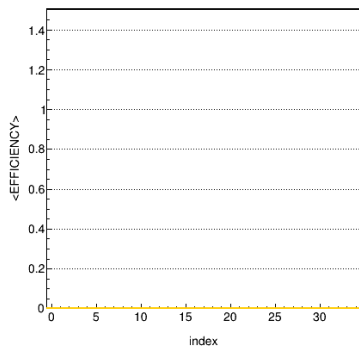


(0019)

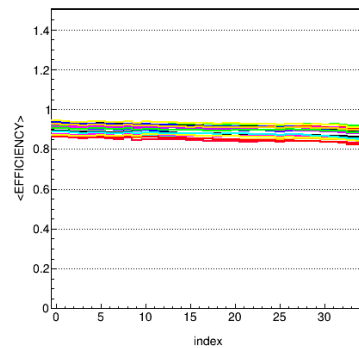


# DOORCA018

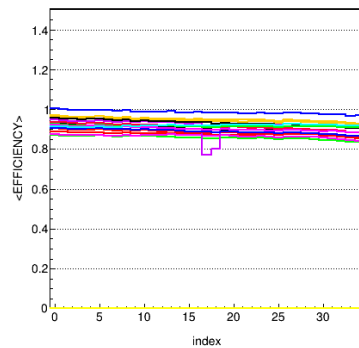
(0001)



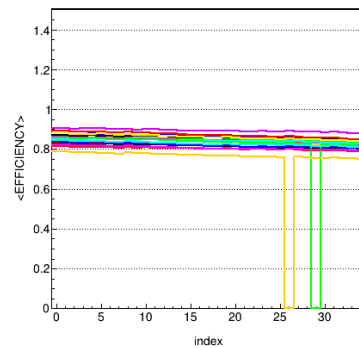
(0002)



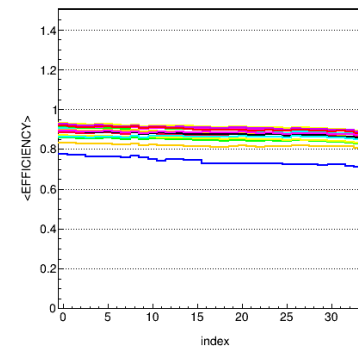
(0003)



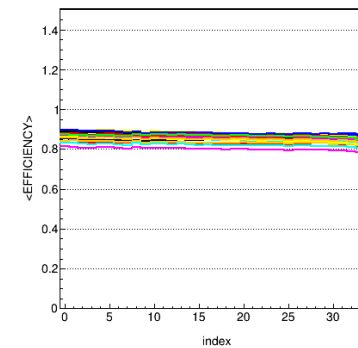
(0004)



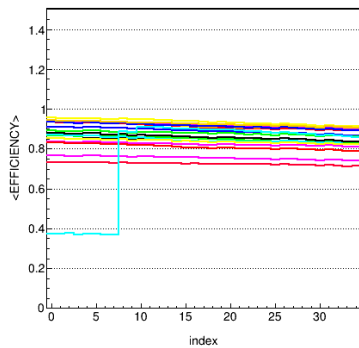
(0009)



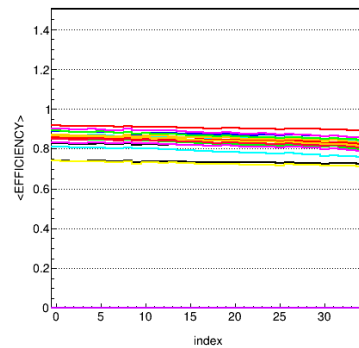
(0010)



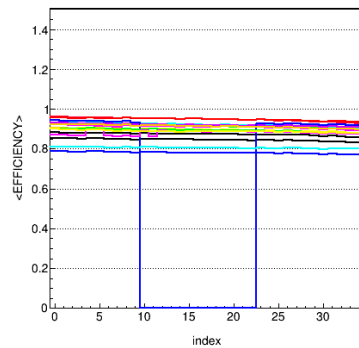
(0011)



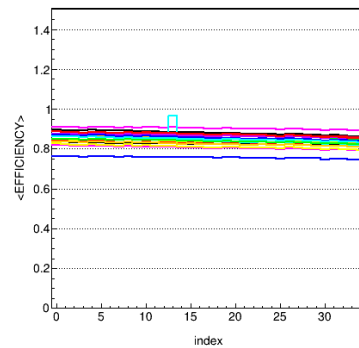
(0012)



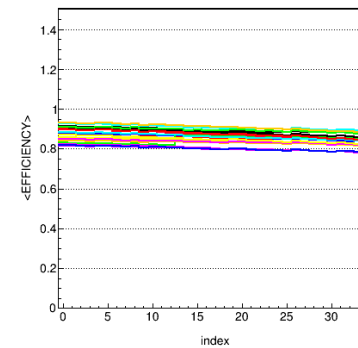
(0017)



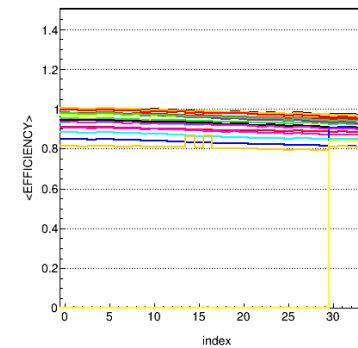
(0018)



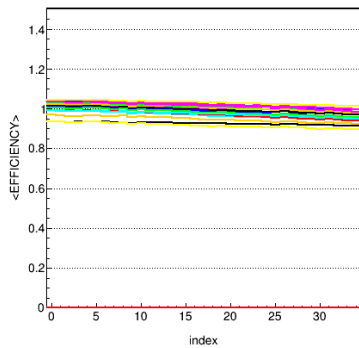
(0019)



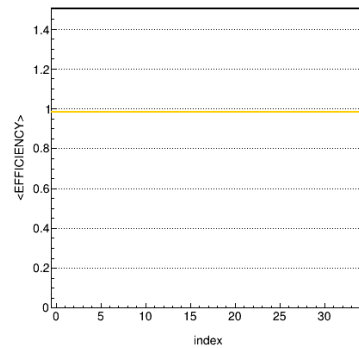
(0020)



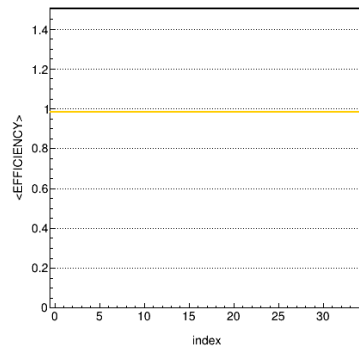
(0021)



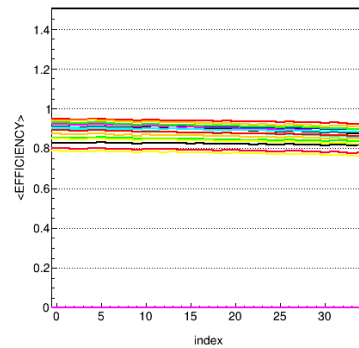
(0027)



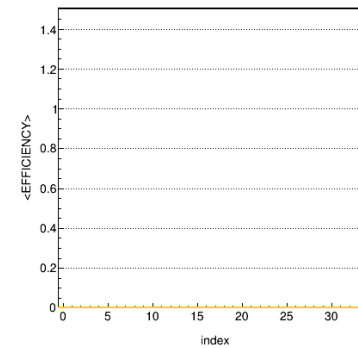
(0028)



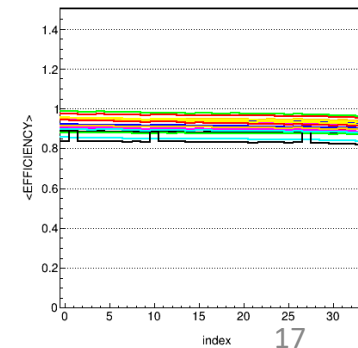
(0029)



(0030)



(0031)

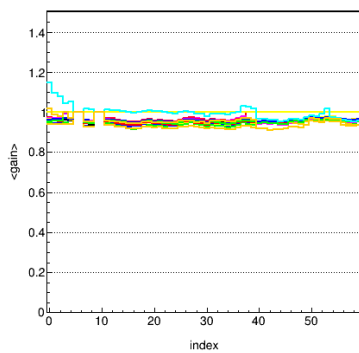


# PMT calibrations?

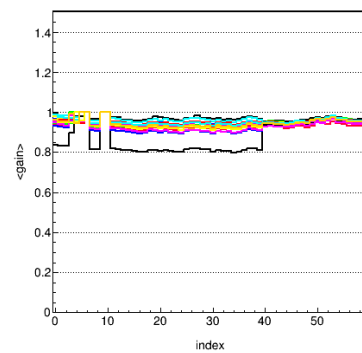
- PMT are disabled when calibration outside acceptance:
  - QE between 0 and 2
  - gain between 0.5 and 2
  - gain spread between 0 and 2
- Disabled PMTs are not simulated whereas they may contribute to data taking
  - prior to HV tuning, this may compromise simulations
- Reprocess raw data using same conditions but disabled PMTs

# DOORCA010

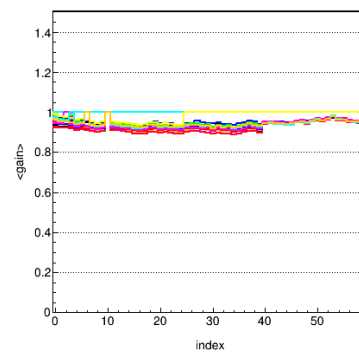
(0001)



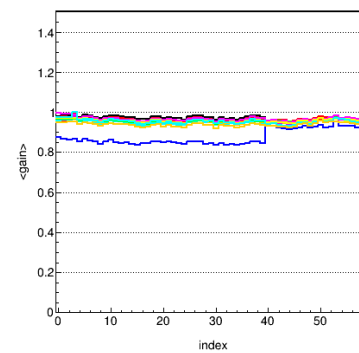
(0002)



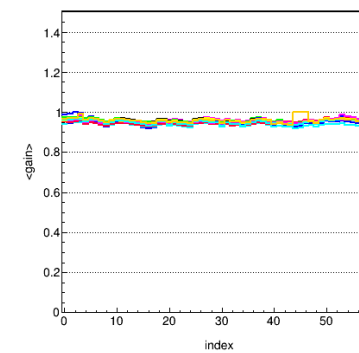
(0003)



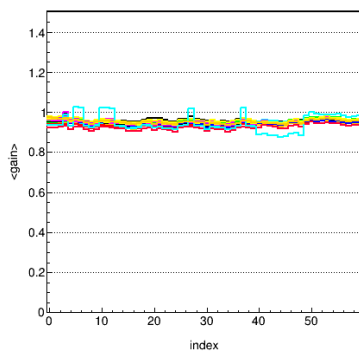
(0009)



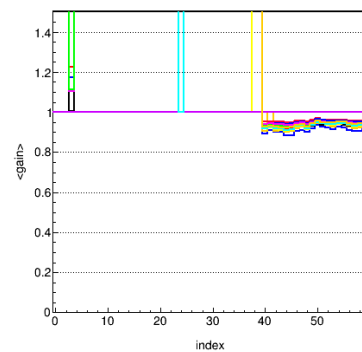
(0010)



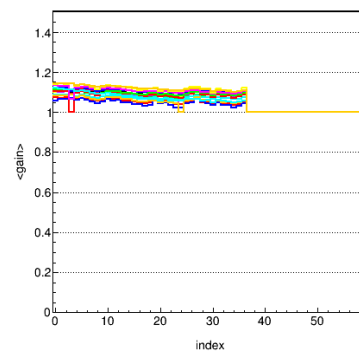
(0011)



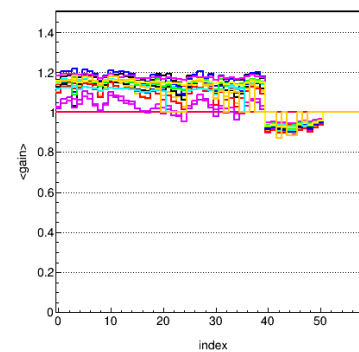
(0012)



(0017)



(0018)



(0019)

