Stave production monitoring

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03/12/2019

Monitoring from January 2018 to 03/12/2019

Stave meeting

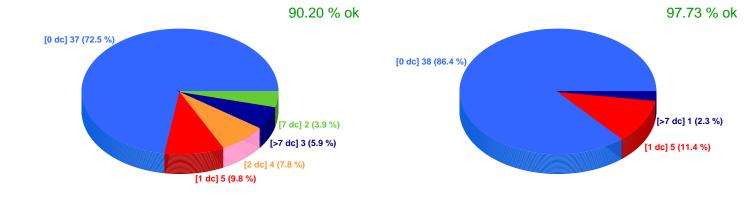
HS monitoring

HSs of previous week

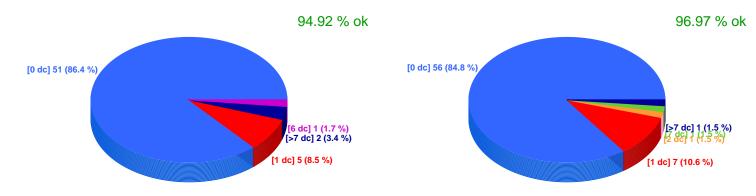
F-OL-HS-L-029: 0 bad chips

HSs of this week

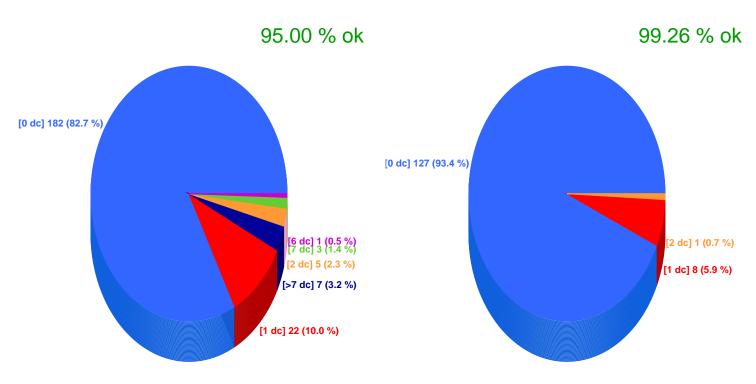


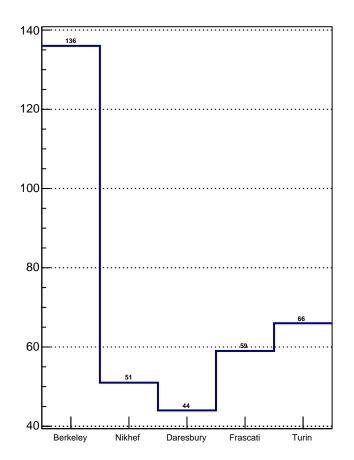


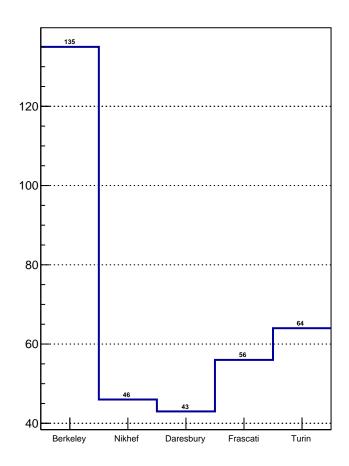


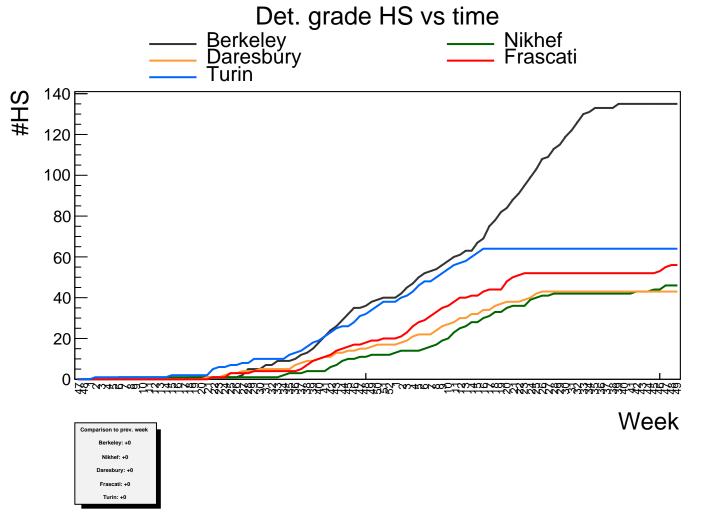


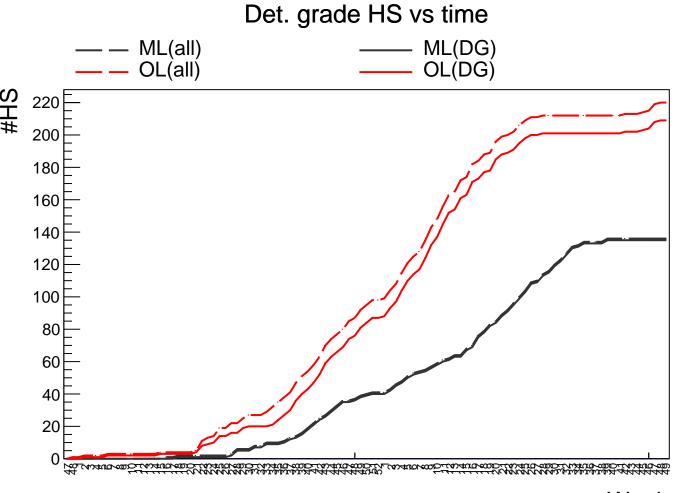
HS - OL HS - ML

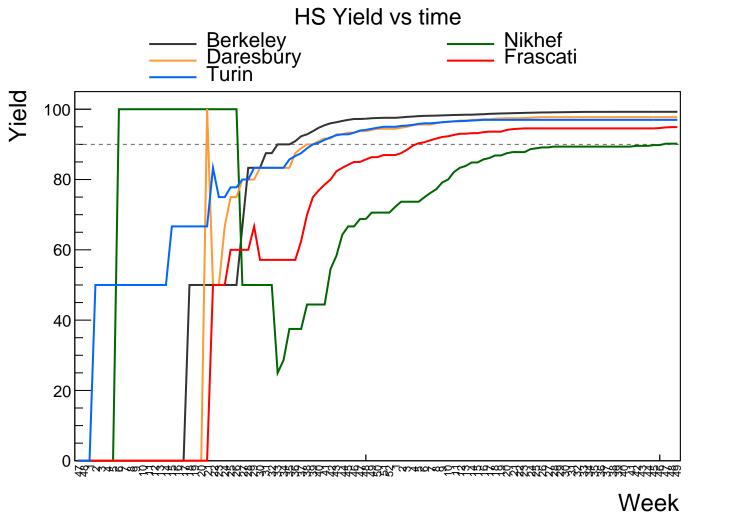




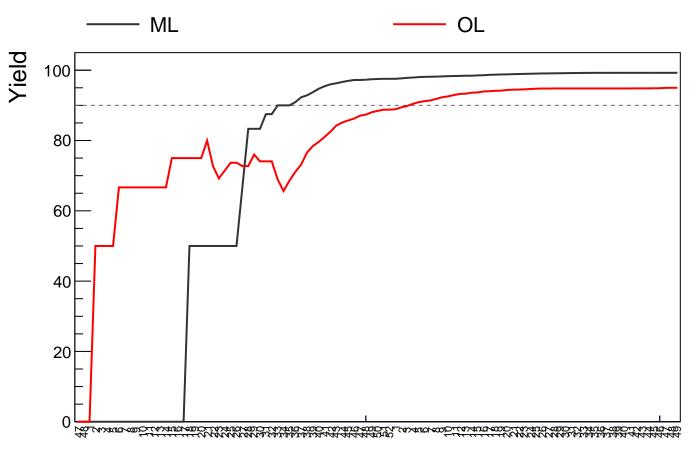








HS Yield vs time



Stave monitoring

Staves of previous week

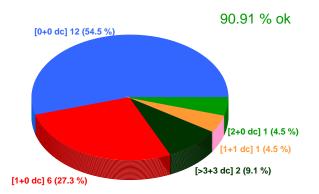
Staves of this week

[0+0 dc] 14 (56.0 %)
[>3+3 dc] 3 (12.0 %)

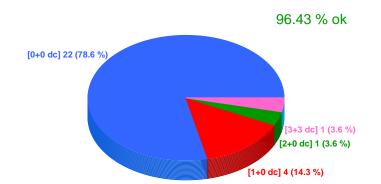
[2+0 dc] 4 (16.0 %)

Stave - Nikhef

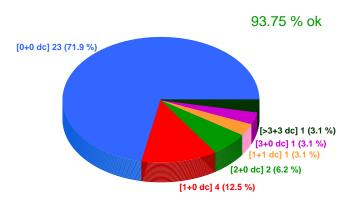
Stave - Daresbury

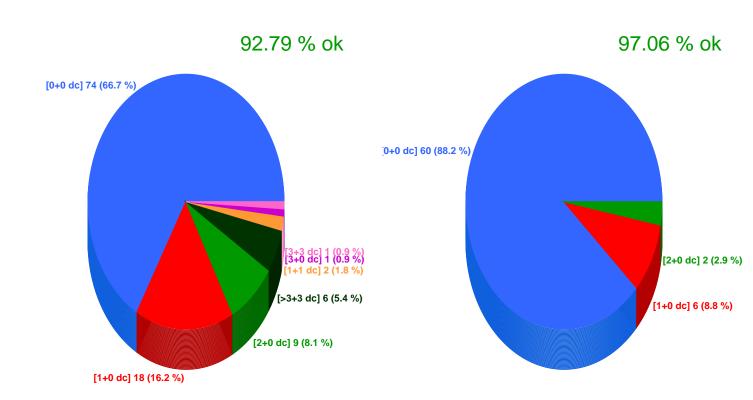


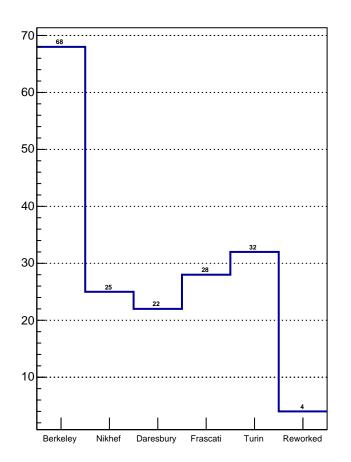
Stave - Frascati

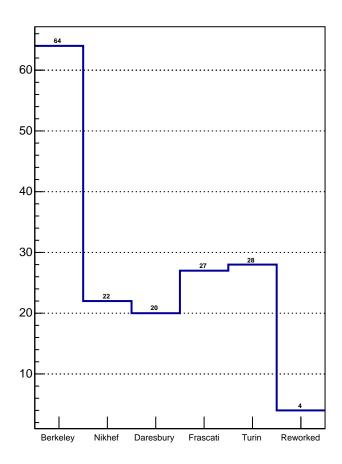


Stave - Turin



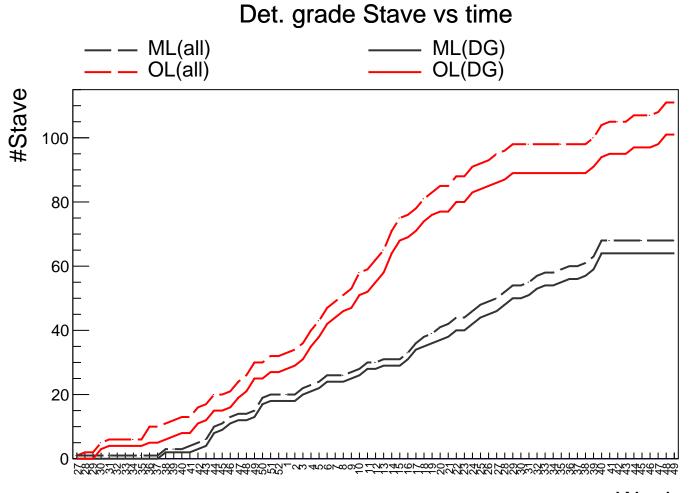


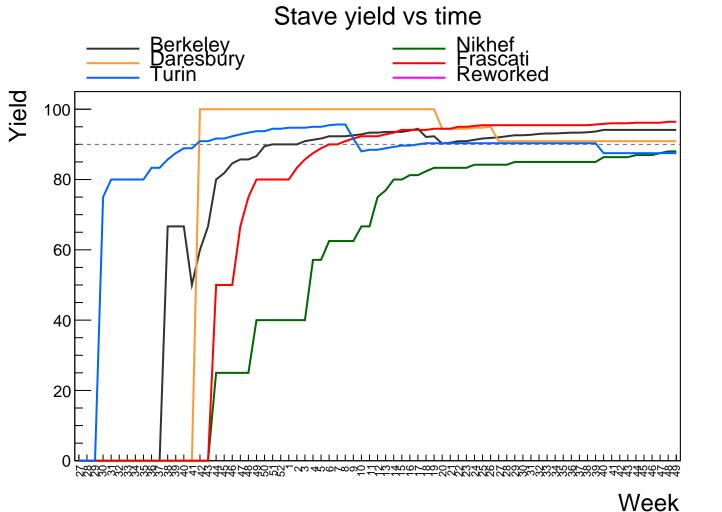




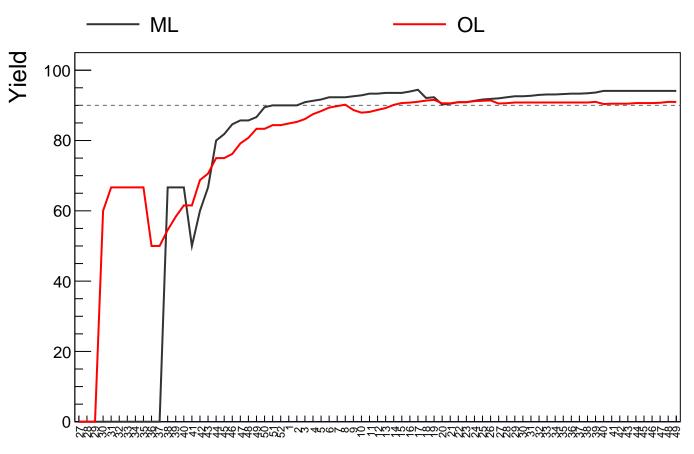
Det. grade Stave vs time Berkeley Daresbury Turin Nikhef Frascati Reworked #Stave 70 60 50 40 30 20 10 Week Comparison to prev. weel Berkeley: +0 Nikhef: +0 Daresbury: +0 Frascati: +0 Turin: +0

Reworked: +0





Stave yield vs time



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Production rate (October 2018 - prev. week)**
            \rightarrow Berkeley: 1.10(all) -- 1.05(DG)
              → Nikhef: 0.37(all) -- 0.37(DG)
           \rightarrow Daresbury: 0.37(all) -- 0.34(DG)
            \rightarrow Frascati: 0.46(all) -- 0.46(DG)
     \rightarrow Turin: 0.76(all) -- 0.69(DG) \rightarrow Prod. ended
                  OL: 1.96(all) -- 1.86(DG)
                  ML: 1.10(all) -- 1.05(DG)
Rework rate (from June 1st, 2019): 0.15(all) -- 0.15(DG)
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**Christmas holiday excluded (2 weeks)

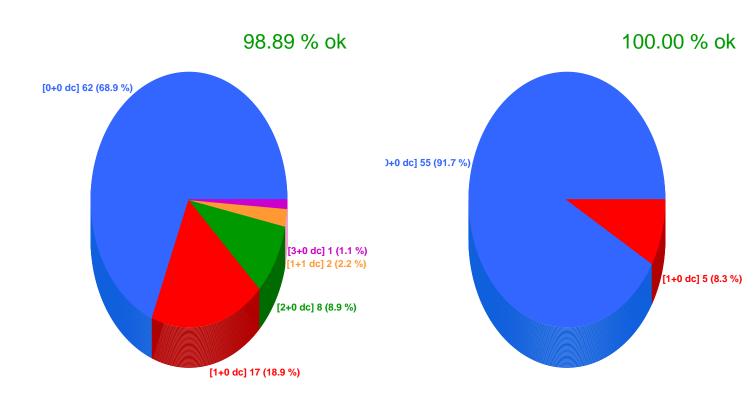
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Production rate 2019 (month by month)**
                 January
    → Berkeley: 1.00(all) -- 1.00(DG)
     → Nikhef: 0.50(all) -- 0.50(DG)
   → Daresbury: 0.75(all) -- 0.75(DG)
     → Frascati: 1.00(all) -- 1.00(DG)
     → Turin: 0.25(all) -- 0.25(DG)
         OL: 2.50(all) -- 2.50(DG)
         ML: 1.00(all) -- 1.00(DG)
                February
    → Berkeley: 0.80(all) -- 0.80(DG)
     → Nikhef: 0.20(all) -- 0.20(DG)
   → Daresbury: 0.80(all) -- 0.80(DG)
     → Frascati: 0.80(all) -- 0.80(DG)
      → Turin: 0.80(all) -- 0.60(DG)
         OL: 2.60(all) -- 2.40(DG)
         ML: 0.80(all) -- 0.80(DG)
                 March
    → Berkeley: 1.00(all) -- 1.00(DG)
     → Nikhef: 1.00(all) -- 1.00(DG)
    → Daresbury: 0.40(all) -- 0.40(DG)
     → Frascati: 0.60(all) -- 0.60(DG)
      → Turin: 0.80(all) -- 0.40(DG)
        OL: 2.80(all) -- 2.40(DG)
         ML: 1.00(all) -- 1.00(DG)
                  April
    → Berkeley: 1.40(all) -- 1.20(DG)
     → Nikhef: 0.80(all) -- 0.80(DG)
   → Daresbury: 1.00(all) -- 1.00(DG)
     → Frascati: 0.60(all) -- 0.60(DG)
      → Turin: 0.80(all) -- 0.80(DG)
         OL: 3.20(all) -- 3.20(DG)
         ML: 1.40(all) -- 1.20(DG)
    → Berkeley: 1.60(all) -- 1.20(DG)
     → Nikhef: 0.40(all) -- 0.40(DG)
   → Daresbury: 0.60(all) -- 0.40(DG)
     → Frascati: 0.60(all) -- 0.60(DG)
      → Turin: Production ended
        OL: 1.60(all) -- 1.40(DG)
         ML: 1.60(all) -- 1.20(DG)
                  June
    → Berkeley: 1.25(all) -- 1.25(DG)
     → Nikhef: 0.25(all) -- 0.25(DG)
   → Daresbury: 0.50(all) -- 0.50(DG)
     → Frascati: 0.50(all) -- 0.50(DG)
      → Turin: 0.00(all) -- 0.00(DG)
         OL: 1.25(all) -- 1.25(DG)
         ML: 1.25(all) -- 1.25(DG)
```

Stave reception @CERN

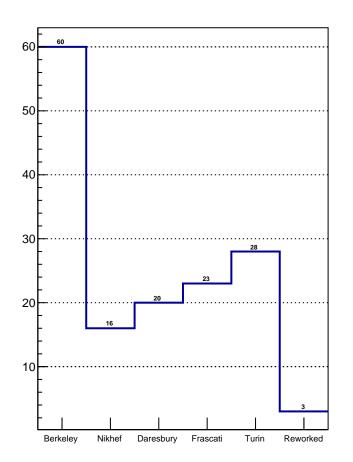
Staves qualified in the previous week

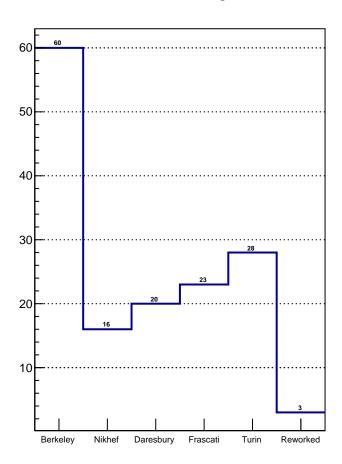
T-OL-Stave-023: (U,L)=(0, 2) bad chips

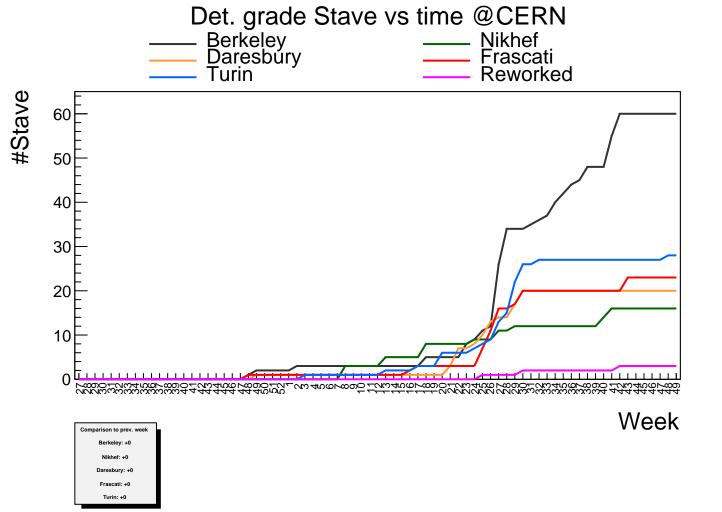
Staves qualified this week



Det. Grade Stave @CERN







Det. grade Stave vs time @CERN ML(all) ML(DG) OL(DG) OL(all) #Stave 90 80 70 60 50 40 30 20 10

Qualification rate (December 2018 - prev. week)**

Berkeley: 1.18(all) -- 1.18(DG)

Nikhef: 0.32(all) -- 0.32(DG)

Daresbury: 0.40(all) -- 0.40(DG)

Frascati: 0.44(all) -- 0.44(DG)

Turin: 0.56(all) -- 0.56(DG)

OL: 1.72(all) -- 1.72(DG) ML: 1.18(all) -- 1.18(DG)

**Christmas holiday excluded (2 weeks)

HS without a Stave

HSs (DG) not yet tested as Stave HSs (non-DG) not yet tested as Stave A-OL-HS-U-009: 2 bad chips **A-OL-HS-L-004: 14 bad chips ->** rework(?)

Stave not DG

Staves not DG - reworkable

D-OL-Stave-008: (U,L) = (0, 14) bad chips

A-OL-Stave-001: (U,L) = (2, 14) bad chips A-OL-Stave-002: (U,L) = (7, 49) bad chips

A-OL-Stave-002: (U,L) = (7, 49) bad chips A-OL-Stave-003: (U,L) = (0, 28) bad chips

A-OL-Stave-003: (U,L) = (0, 28) bad chips F-OL-Stave-002: (U,L) = (3, 3) bad chips

T-OL-Stave-003: (U,L) = (6, 2) bad chips D-OL-Stave-001: (U,L) = (7, 13) bad chips

Staves not DG - not reworkable

B-ML-Stave-039: (U,L) = (0, 2) bad chips B-ML-Stave-001: (U,L) = (2, 0) bad chips