Stave production monitoring

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18/12/2019

Monitoring from January 2018 to 18/12/2019

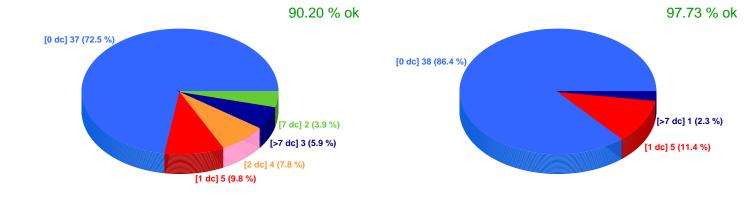
Stave meeting

HS monitoring

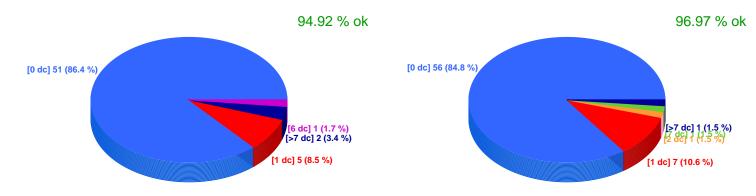
HSs of previous week

HSs of this week

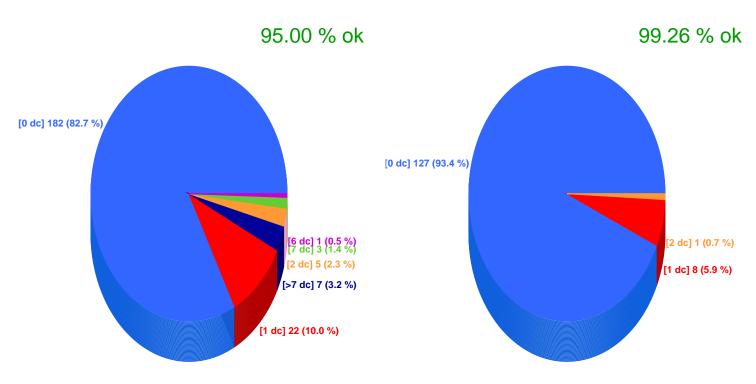


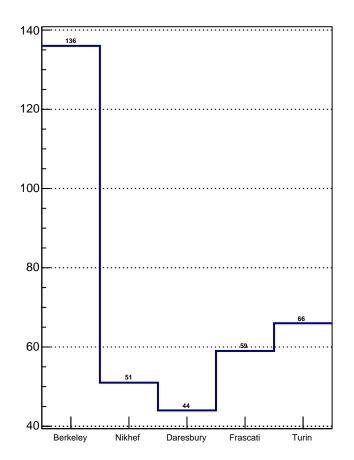


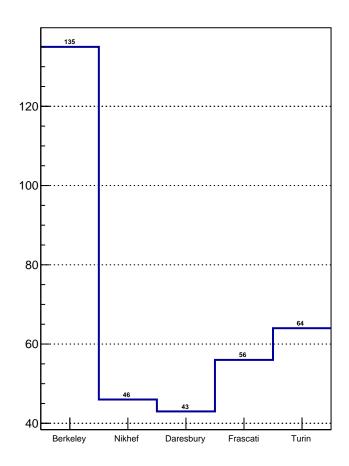


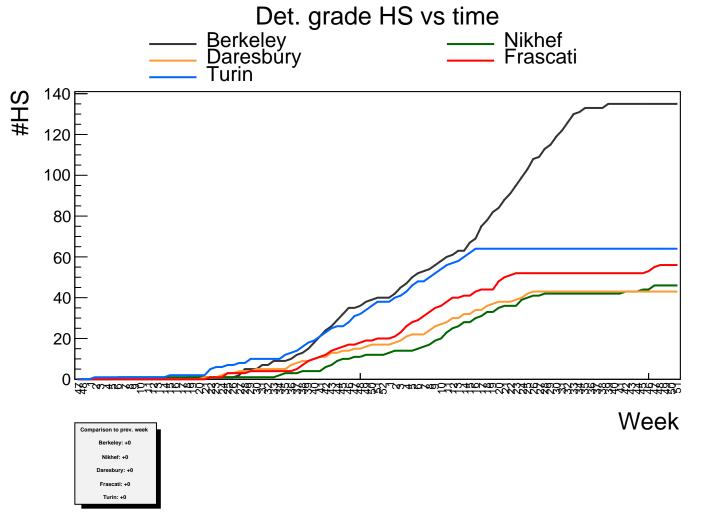


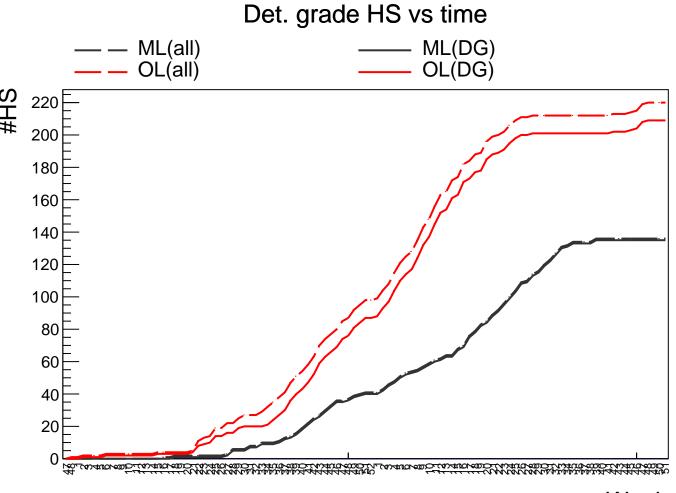
HS - OL HS - ML

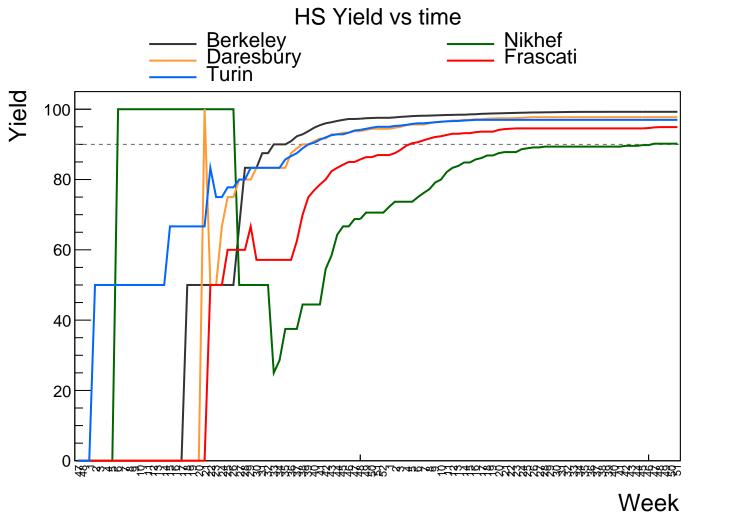




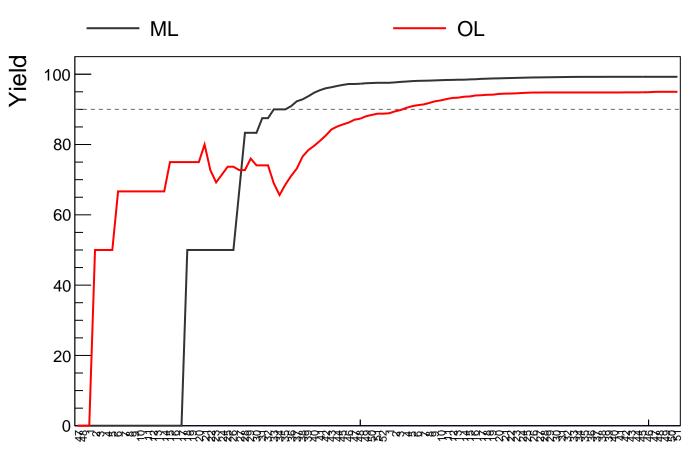








HS Yield vs time



Stave monitoring

Staves of previous week

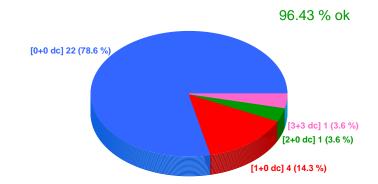
Staves of this week

88.00 % ok [0+0 dc] 14 (56.0 %)

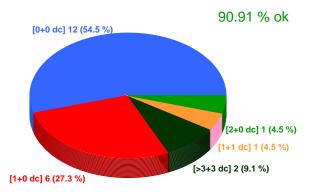
Stave - Nikhef

[>3+3 dc] 3 (12.0 %) [1+0 dc] 4 (16.0 %) [2+0 dc] 4 (16.0 %)

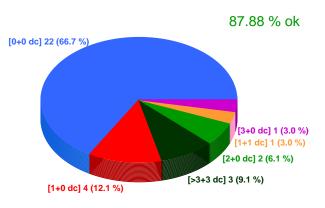
Stave - Frascati

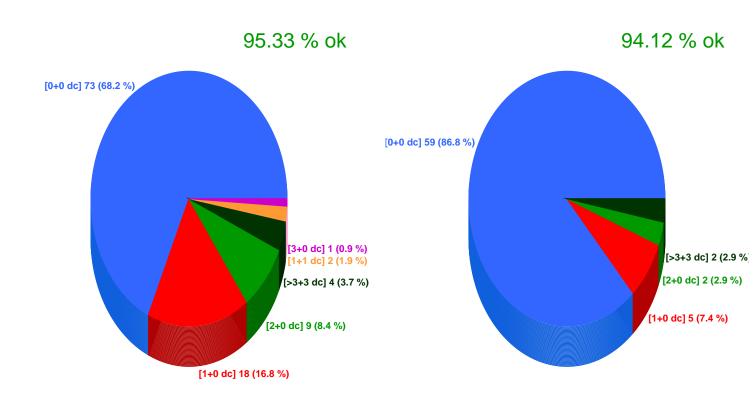


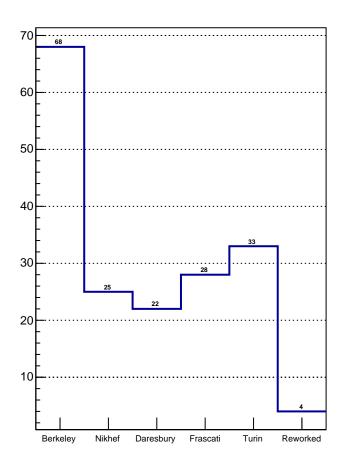
Stave - Daresbury

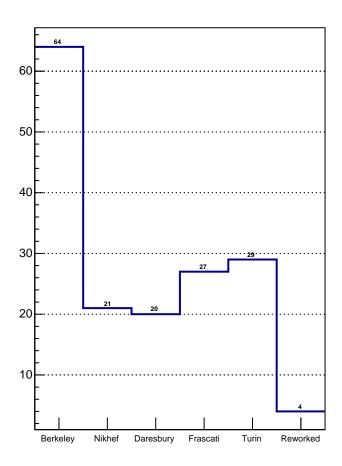


Stave - Turin



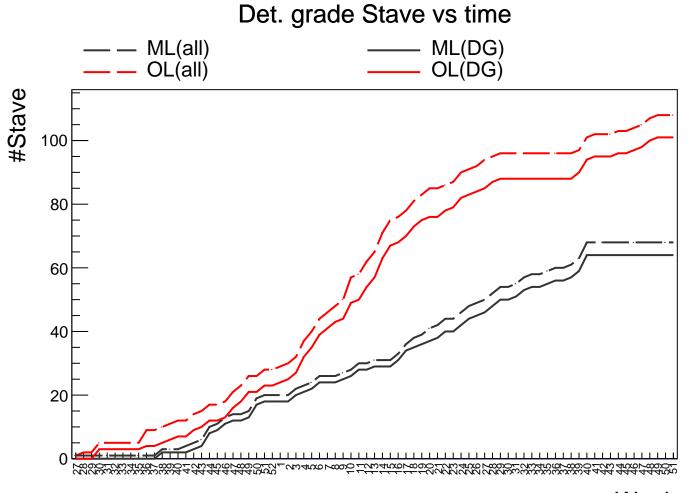


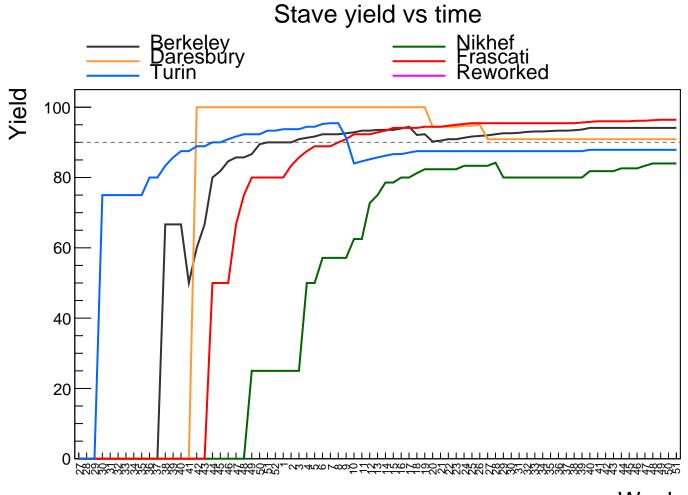




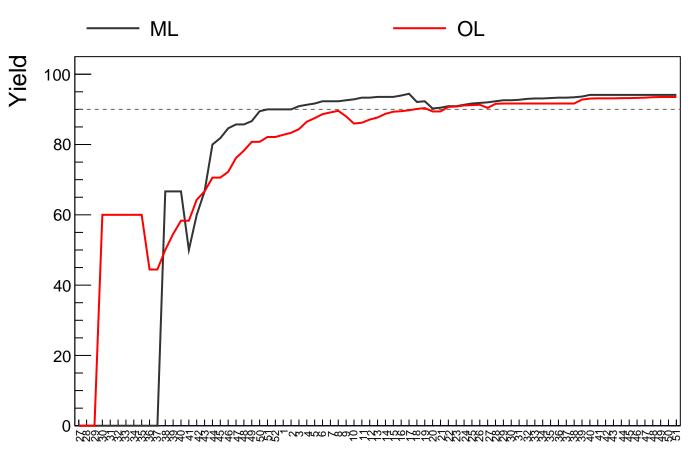
Det. grade Stave vs time Berkeley Daresbury Turin Nikhef Frascati Reworked #Stave 70 60 50 40 30 20 10 Week Comparison to prev. weel Berkeley: +0 Nikhef: +0 Daresbury: +0 Frascati: +0 Turin: +0

Reworked: +0





Stave yield vs time



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Production rate (October 2018 - prev. week)**
           → Berkeley: 1.07(all) -- 1.02(DG)
             → Nikhef: 0.36(all) -- 0.34(DG)
          \rightarrow Daresbury: 0.36(all) -- 0.33(DG)
            → Frascati: 0.44(all) -- 0.44(DG)
     \rightarrow Turin: 0.83(all) -- 0.72(DG) \rightarrow Prod. ended
                 OL: 1.99(all) -- 1.84(DG)
                 ML: 1.07(all) -- 1.02(DG)
Rework rate (from June 1st, 2019): 0.14(all) -- 0.14(DG)
        **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: 0.50(all) -- 0.50(DG)
         OL: 2.75(all) -- 2.75(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: 0.60(all) -- 0.60(DG)
      → Turin: 1.00(all) -- 0.80(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: 0.80(all) -- 0.80(DG)
      → Turin: 1.20(all) -- 0.60(DG)
        OL: 3.40(all) -- 2.80(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: 0.40(all) -- 0.40(DG)
      → Turin: Production ended
        OL: 1.40(all) -- 1.20(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: 0.75(all) -- 0.75(DG)
      → Turin: 0.00(all) -- 0.00(DG)
         OL: 1.50(all) -- 1.50(DG)
         ML: 1.25(all) -- 1.25(DG)
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Stave reception @CERN

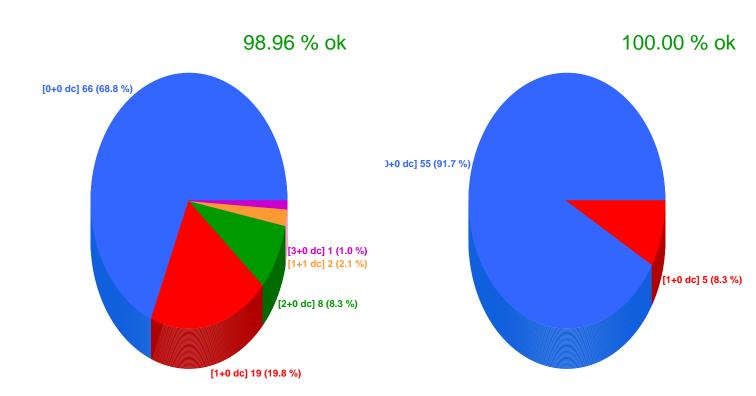
Staves qualified in the previous week

F-OL-Stave-028: (U,L)=(0, 0) bad chips F-OL-Stave-027: (U,L)=(0, 0) bad chips A-OL-Stave-024: (U,L)=(1, 0) bad chips

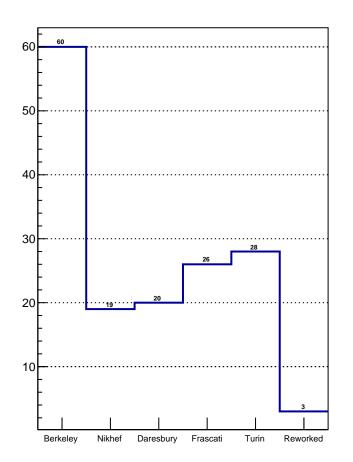
A-OL-Stave-022: (U,L)=(0, 1) bad chips

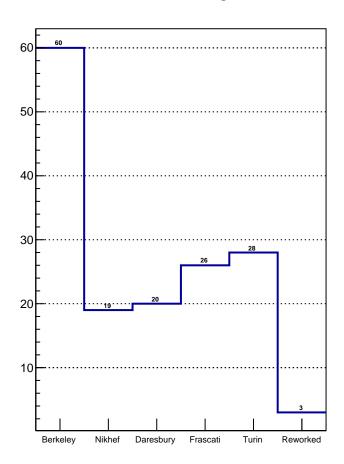
Staves qualified this week

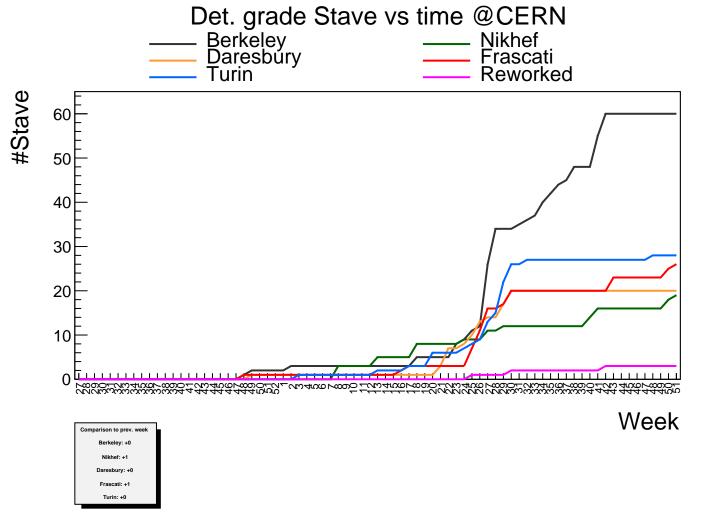
F-OL-Stave-029: (U,L)=(0, 0) A-OL-Stave-025: (U,L)=(0, 0)



Det. Grade Stave @CERN







Det. grade Stave vs time @CERN ML(all) OL(all) ML(DG) OL(DG) #Stave 100 80 60 40 20

Qualification rate (December 2018 - prev. week)**
Berkeley: 1.13(all) -- 1.13(DG)
Nikhef: 0.35(all) -- 0.35(DG)
Daresbury: 0.38(all) -- 0.38(DG)

Frascati: 0.46(all) -- 0.46(DG) Turin: 0.54(all) -- 0.54(DG)

OL: 1.73(all) -- 1.73(DG) ML: 1.13(all) -- 1.13(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 B-ML-Stave-038: (U,L) = (7, 0) bad chips

B-ML-Stave-004: (U,L) = (21, 0) 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-003: (U,L) = (0, 28) bad chips

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

F-OL-Stave-002: (U,L) = (3, 3) bad chips

T-OL-Stave-003: (U,L) = (6, 2) bad chips T-OL-Stave-027: (U,L) = (21, 0) bad chips T-OL-Stave-028: (U,L) = (21, 0) 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