

Stave production monitoring

Ivan Ravasenga, *Bogolyubov Institute for Theo. Phys.*

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Monitoring from January 2018 to 06/06/2019

Stave meeting

HS monitoring

HSs of previous week

F-OL-HS-L-027: 0 bad chips

B-ML-HS-U-046: 0 bad chips

B-ML-HS-L-046: 0 bad chips

B-ML-HS-L-045: 0 bad chips

HSs of this week

F-OL-HS-U-027: 0 bad chips

D-OL-HS-U-021: 0 bad chips

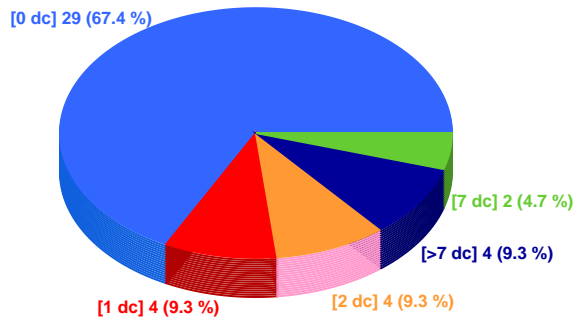
B-ML-HS-U-048: 0 bad chips

B-ML-HS-U-047: 0 bad chips

B-ML-HS-L-047: 0 bad chips

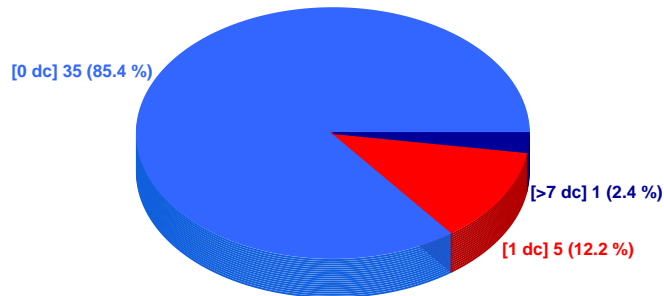
HS - Nikhef

86.05 % ok



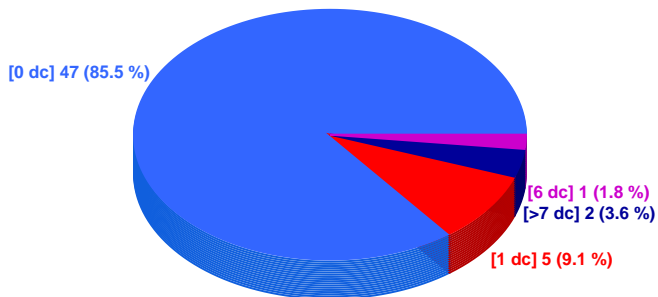
HS - Daresbury

97.56 % ok



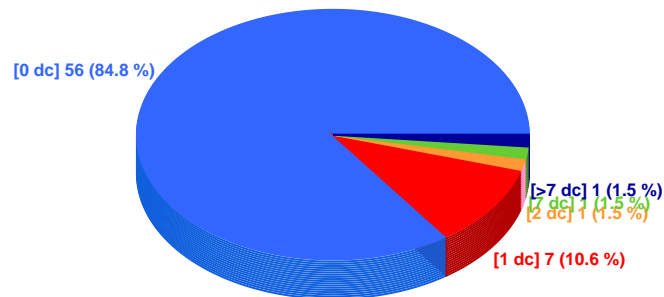
HS - Frascati

94.55 % ok



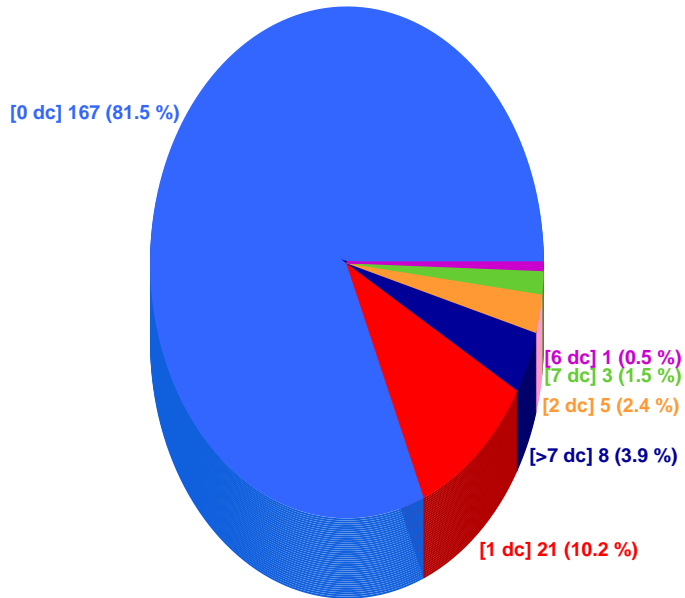
HS - Turin

96.97 % ok



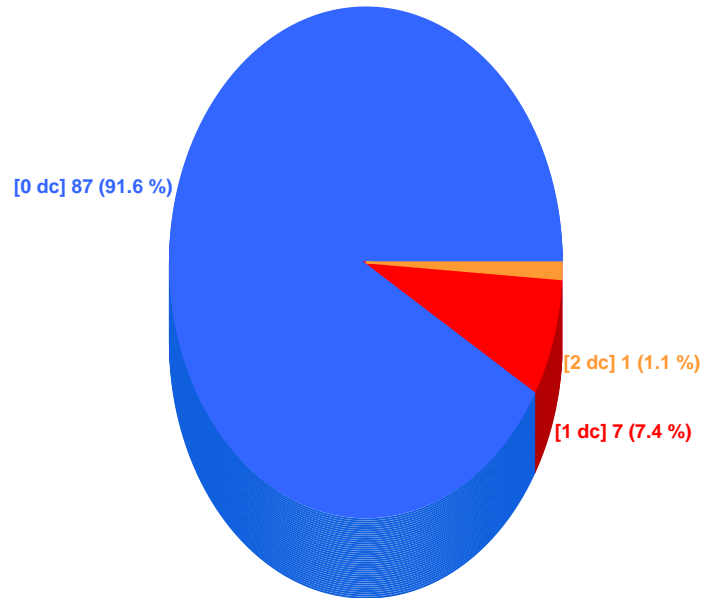
HS - OL

94.15 % ok

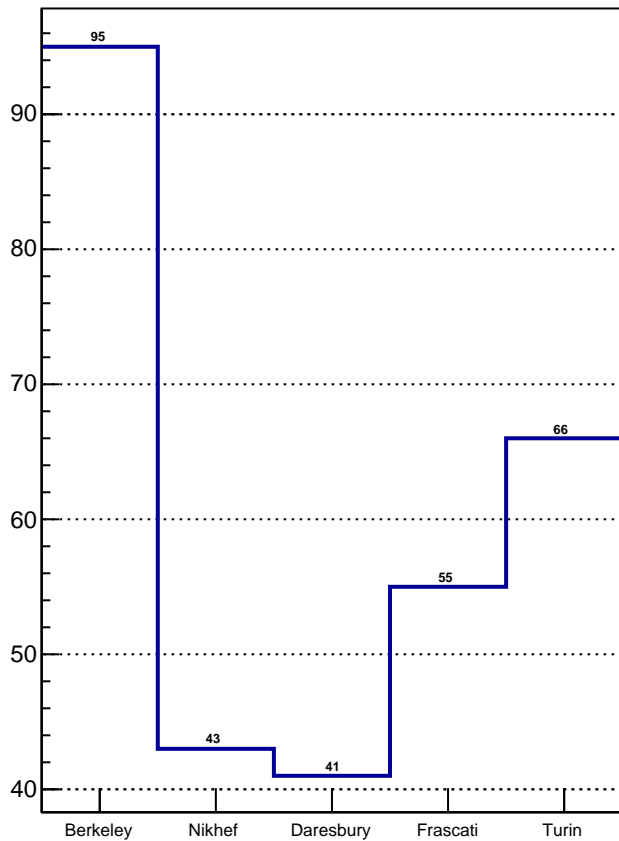


HS - ML

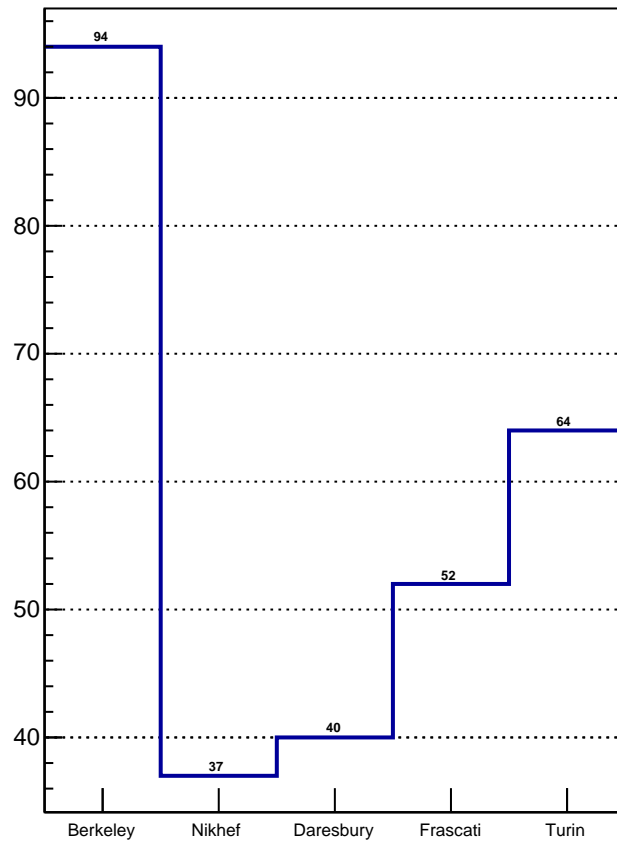
98.95 % ok



All HS



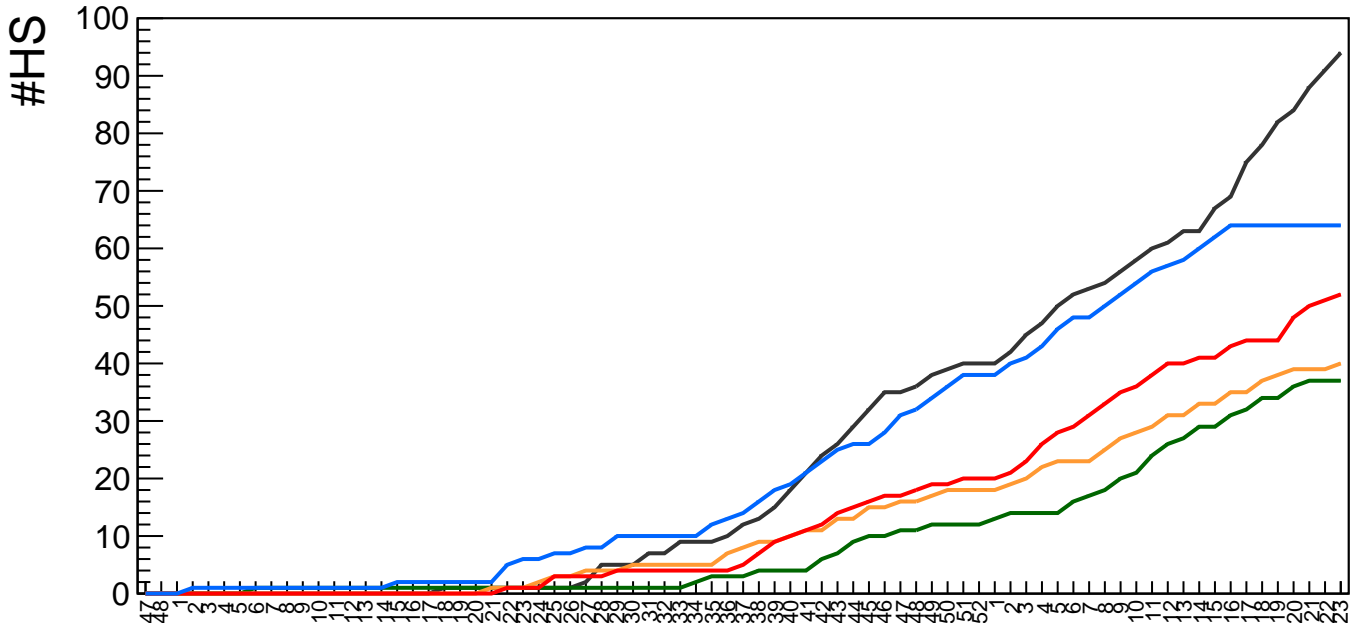
Det. Grade HS



Det. grade HS vs time

Berkeley
 Daresbury
 Turin

Nikhef
 Frascati



Week

Comparison to prev. week

Berkeley: +3

Nikhef: +0

Daresbury: +1

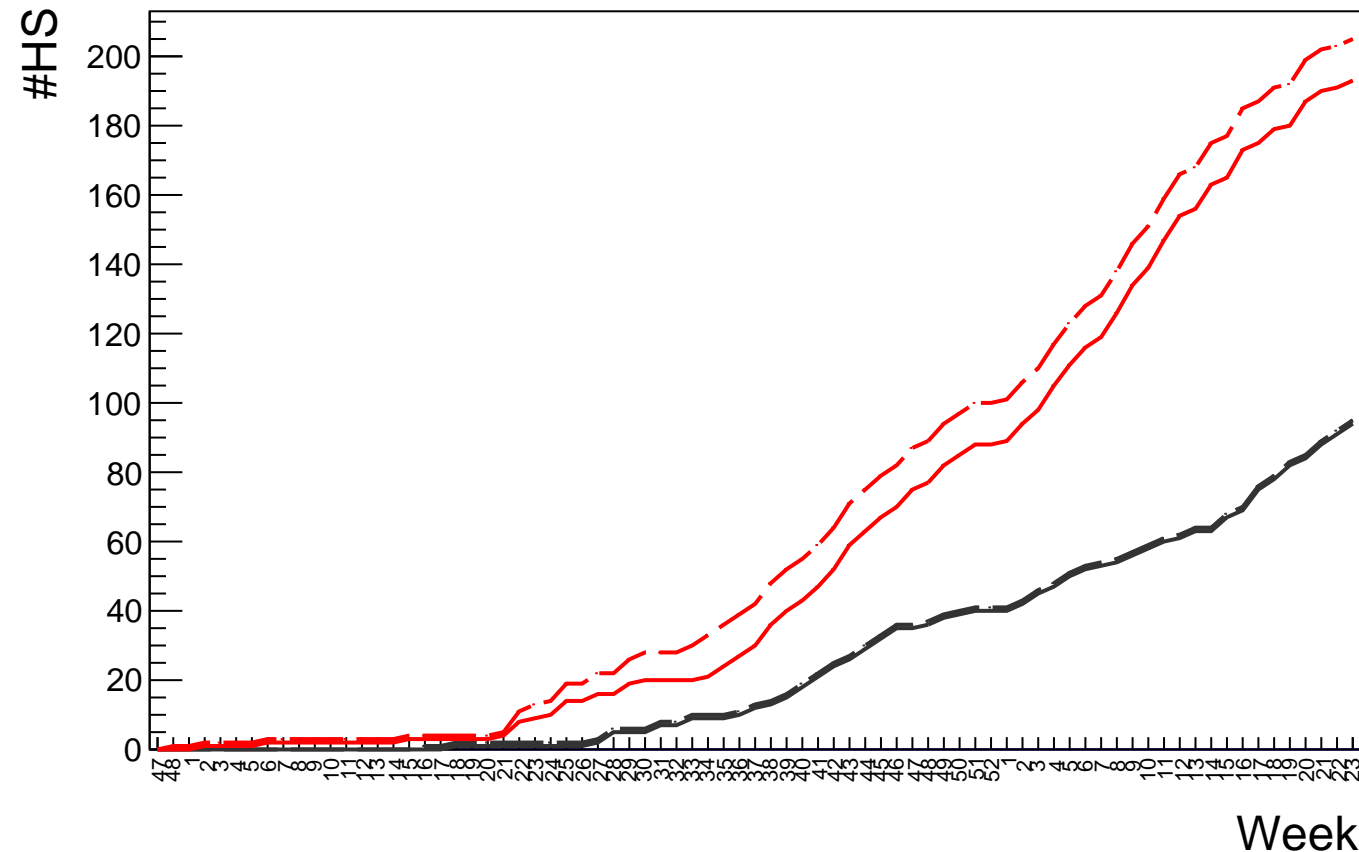
Frascati: +1

Turin: +0

Det. grade HS vs time

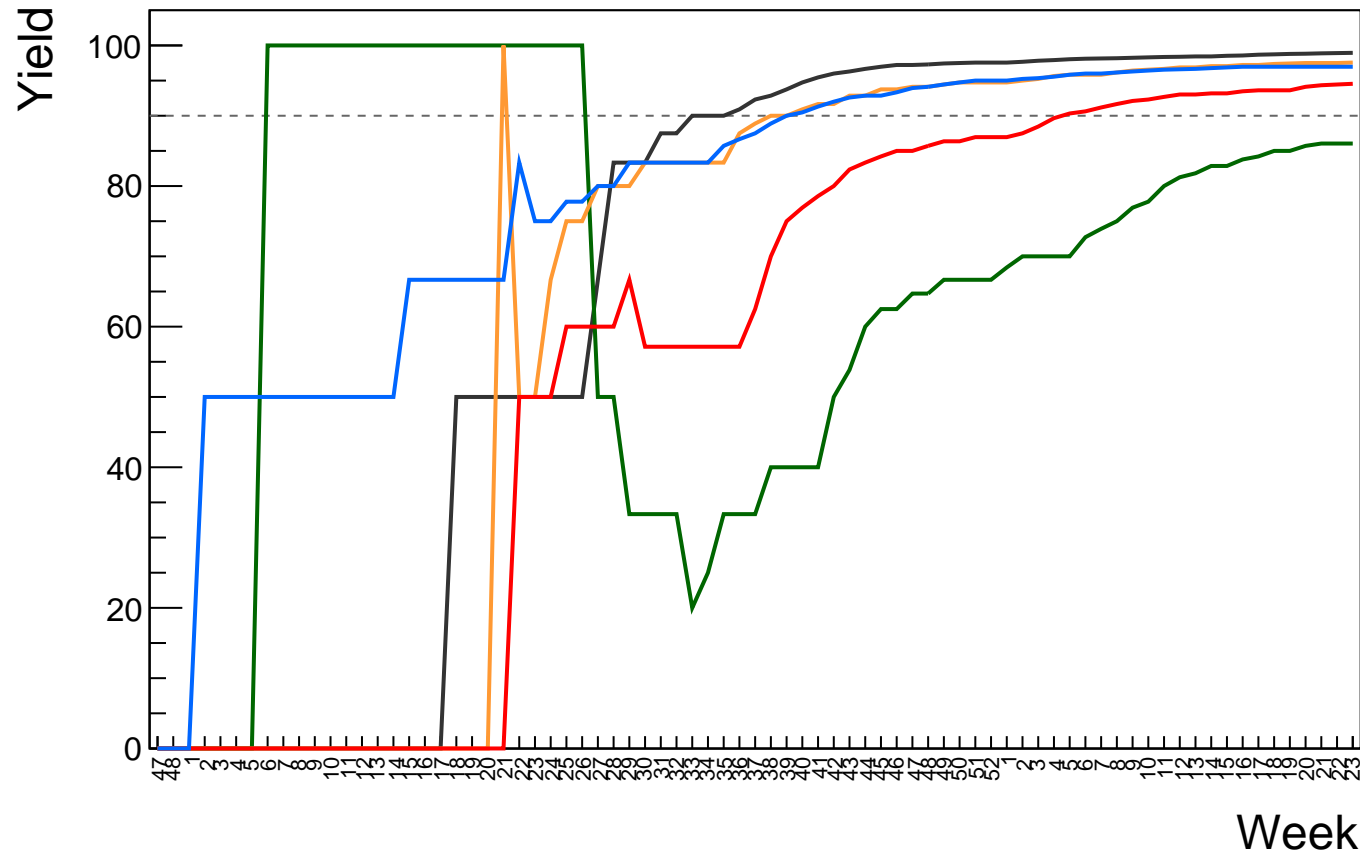
ML(all)
OL(all)

ML(DG)
OL(DG)

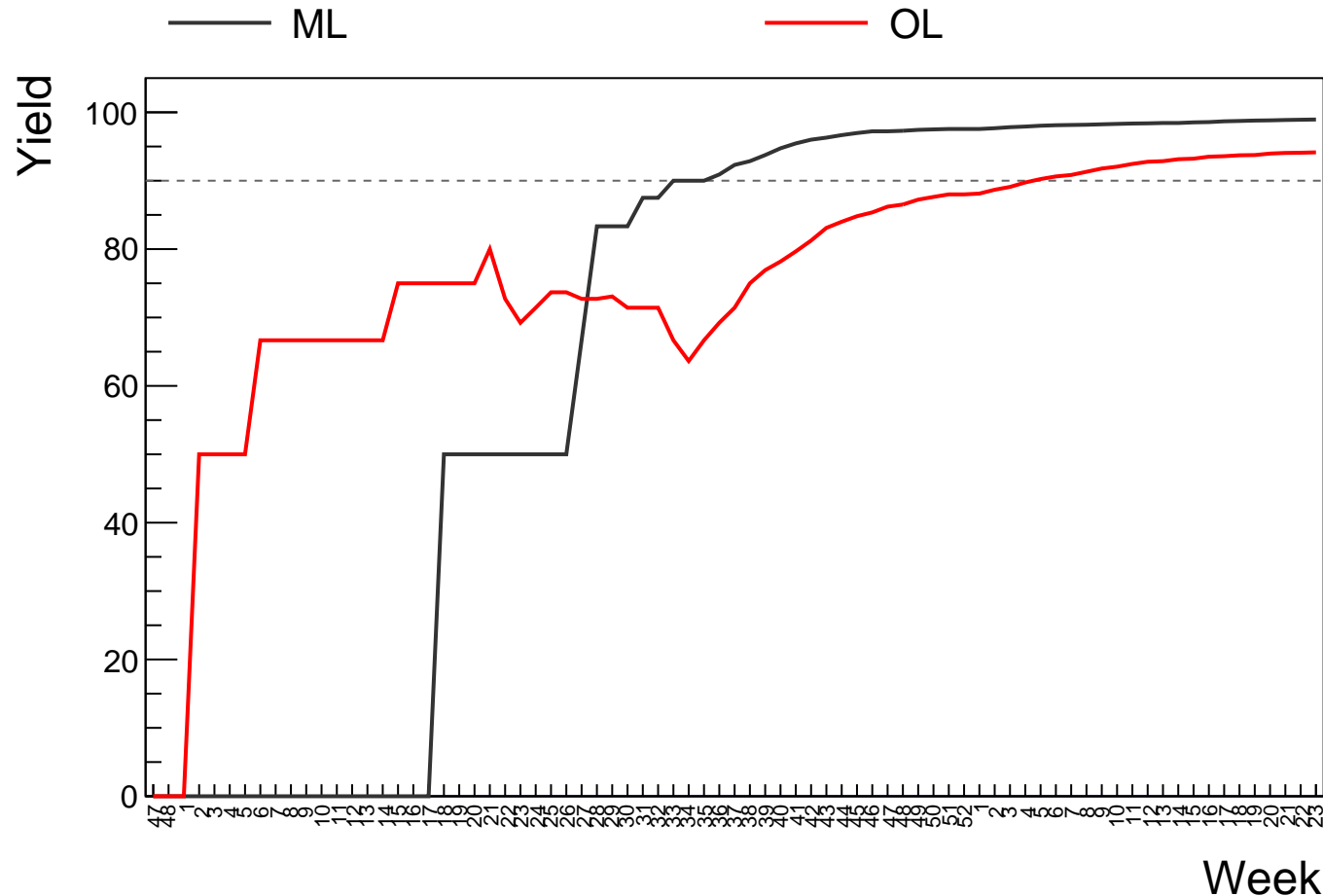


HS Yield vs time

Berkeley
 Daresbury
 Turin
 Nikhef
 Frascati



HS Yield vs time



Stave monitoring

Staves of previous week

R-OL-Stave-001: $(U,L)=(0, 0)$ bad chips

F-OL-Stave-023: $(U,L)=(0, 0)$ bad chips

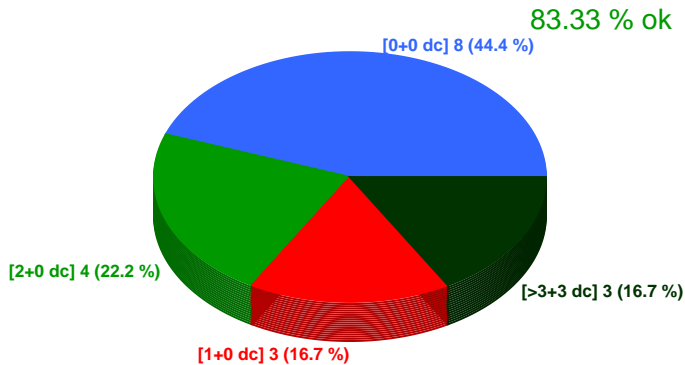
B-ML-Stave-044: $(U,L)=(0, 0)$ bad chips

B-ML-Stave-043: $(U,L)=(0, 0)$ bad chips

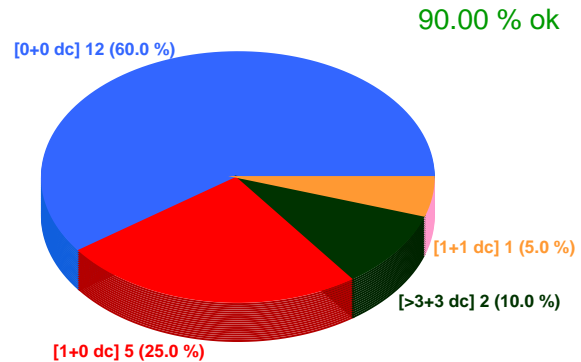
Staves of this week

D-OL-Stave-020: $(U,L)=(0, 0)$ bad chips

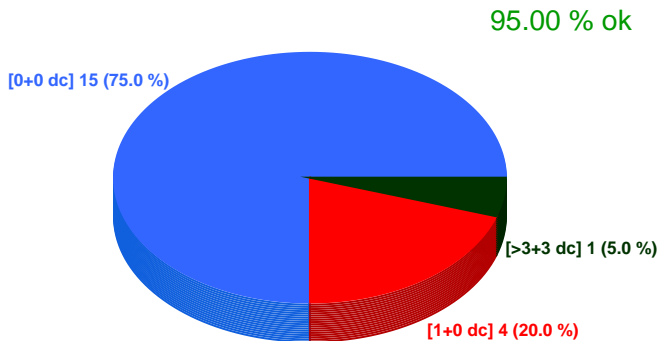
Stave - Nikhef



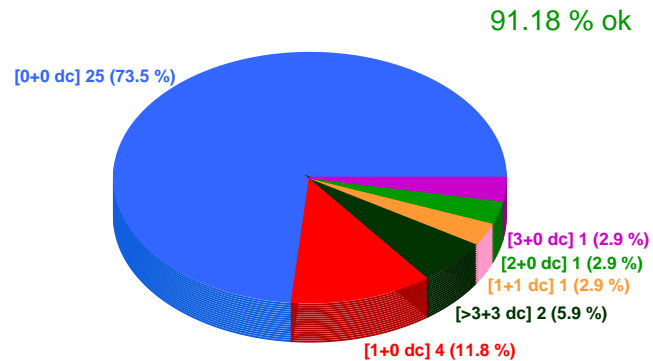
Stave - Daresbury



Stave - Frascati

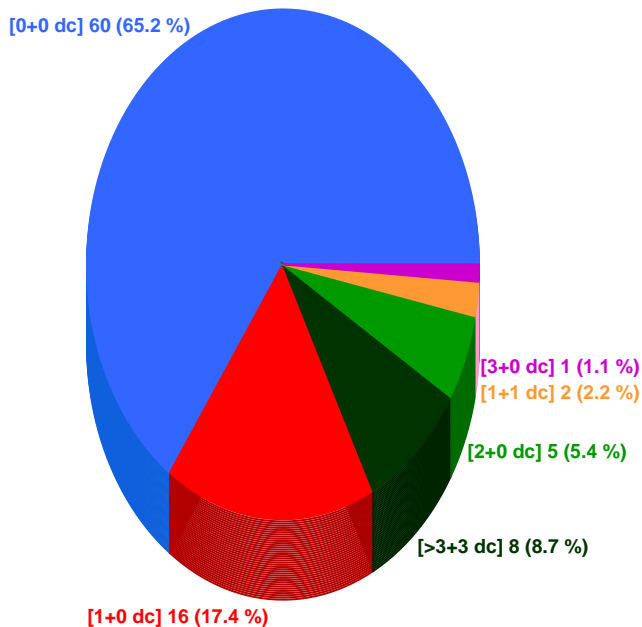


Stave - Turin



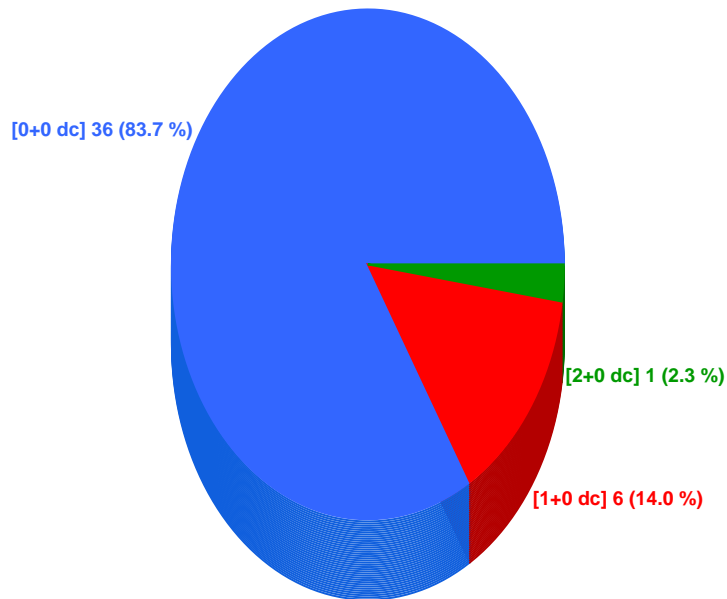
Stave - OL

90.22 % ok

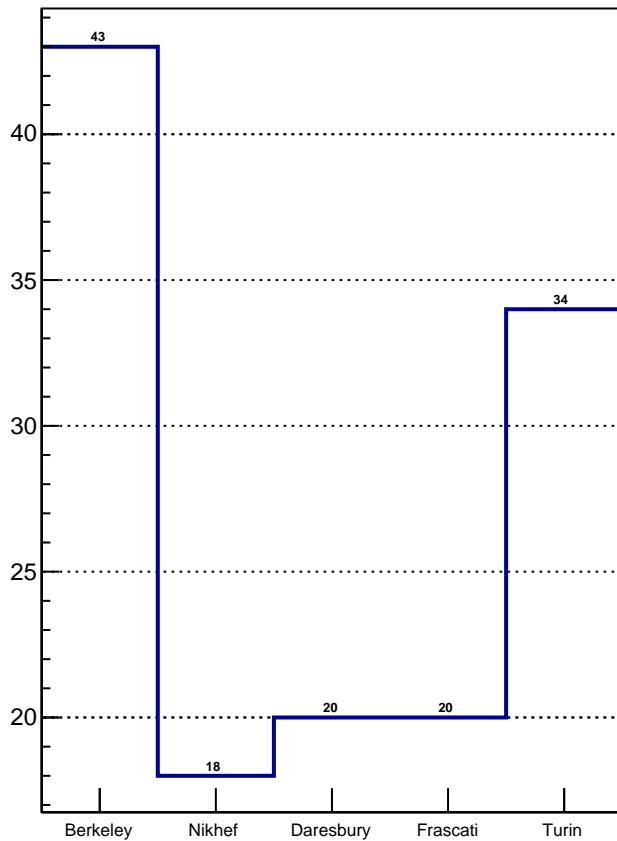


Stave - ML

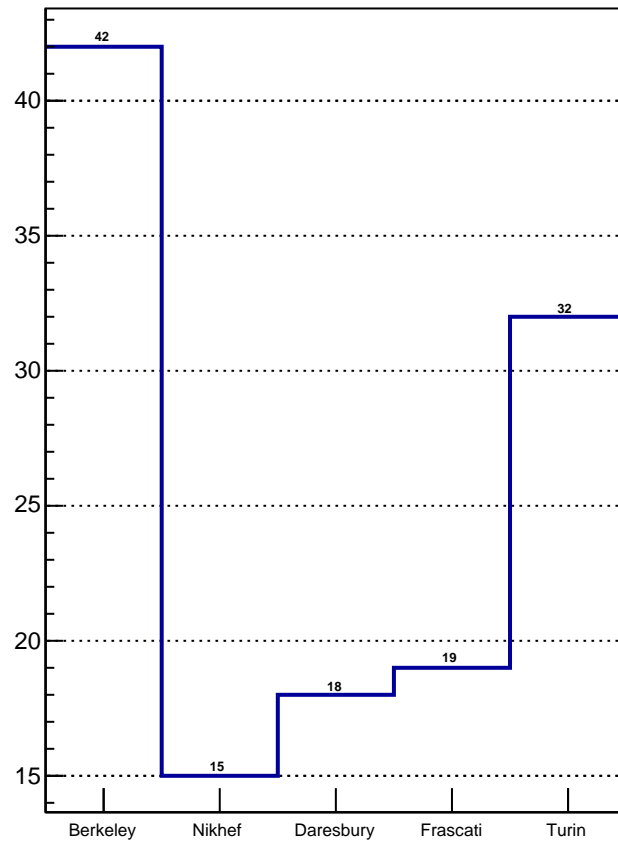
97.67 % ok



All Stave



Det. Grade Stave

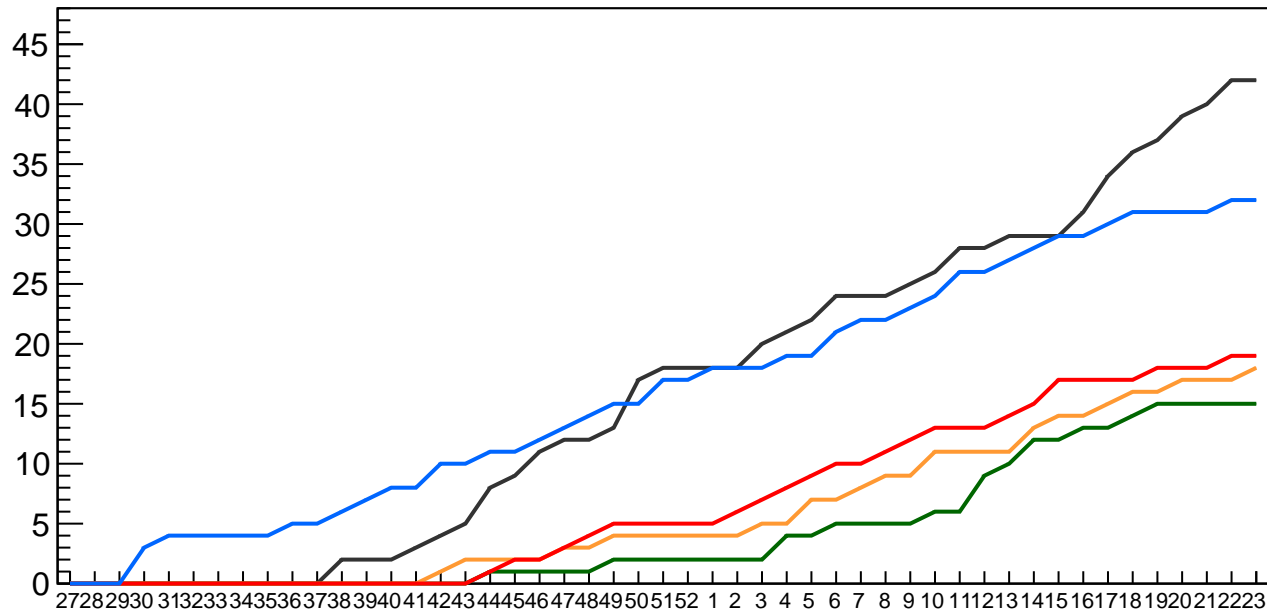


Det. grade Stave vs time

— Berkeley
— Daresbury
— Turin

— Nikhef
— Frascati

#Stave



Week

Comparison to prev. week

Berkeley: +0

Nikhef: +0

Daresbury: +1

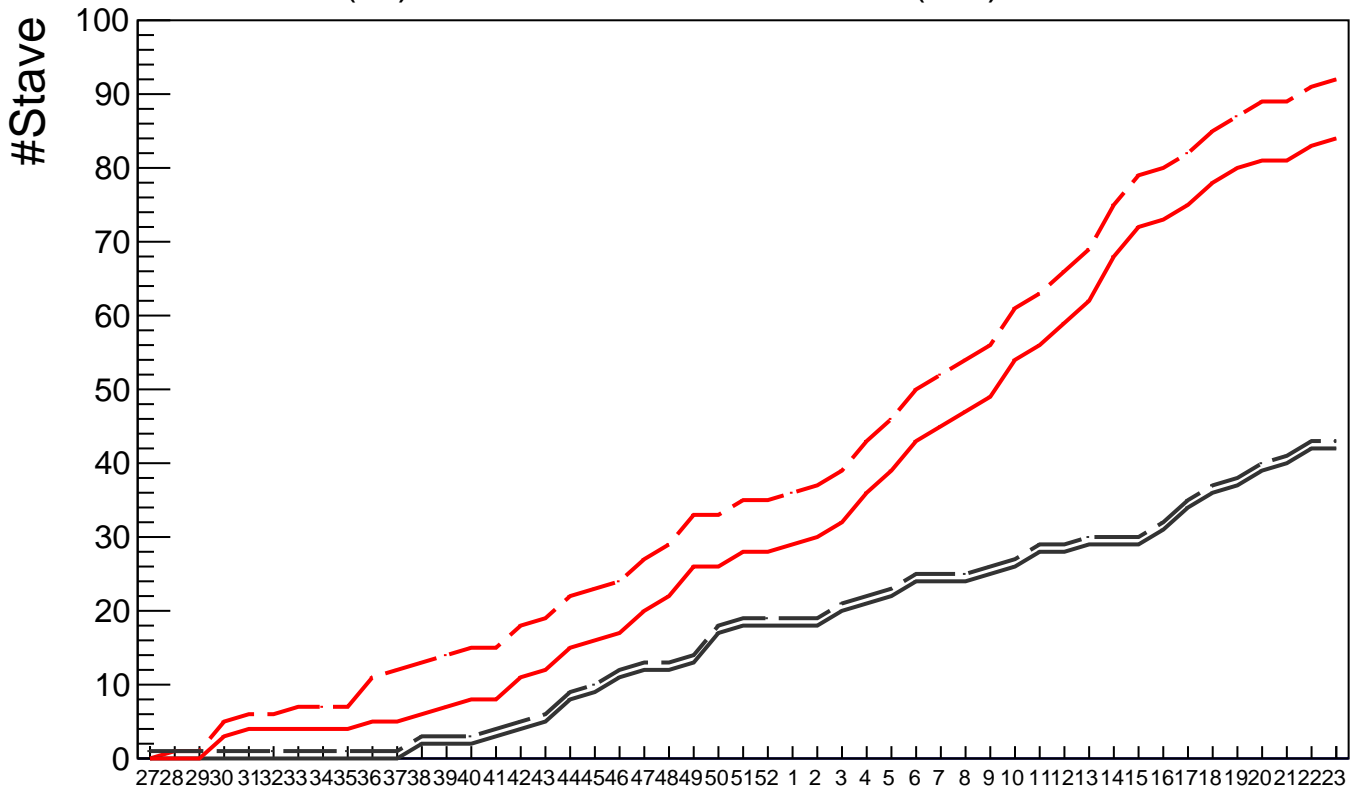
Frascati: +0

Turin: +0

Det. grade Stave vs time

ML(all)
OL(all)

ML(DG)
OL(DG)

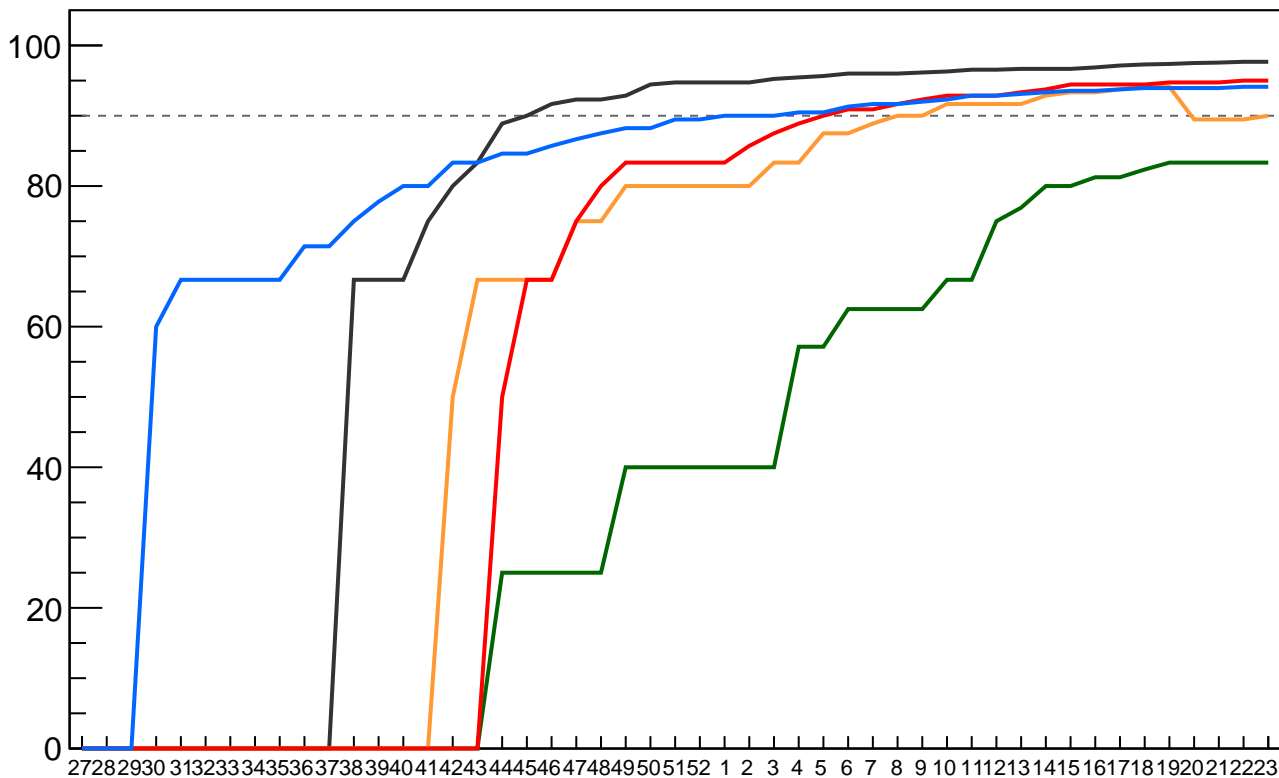


Stave yield vs time

— Berkeley
— Daresbury
— Turin

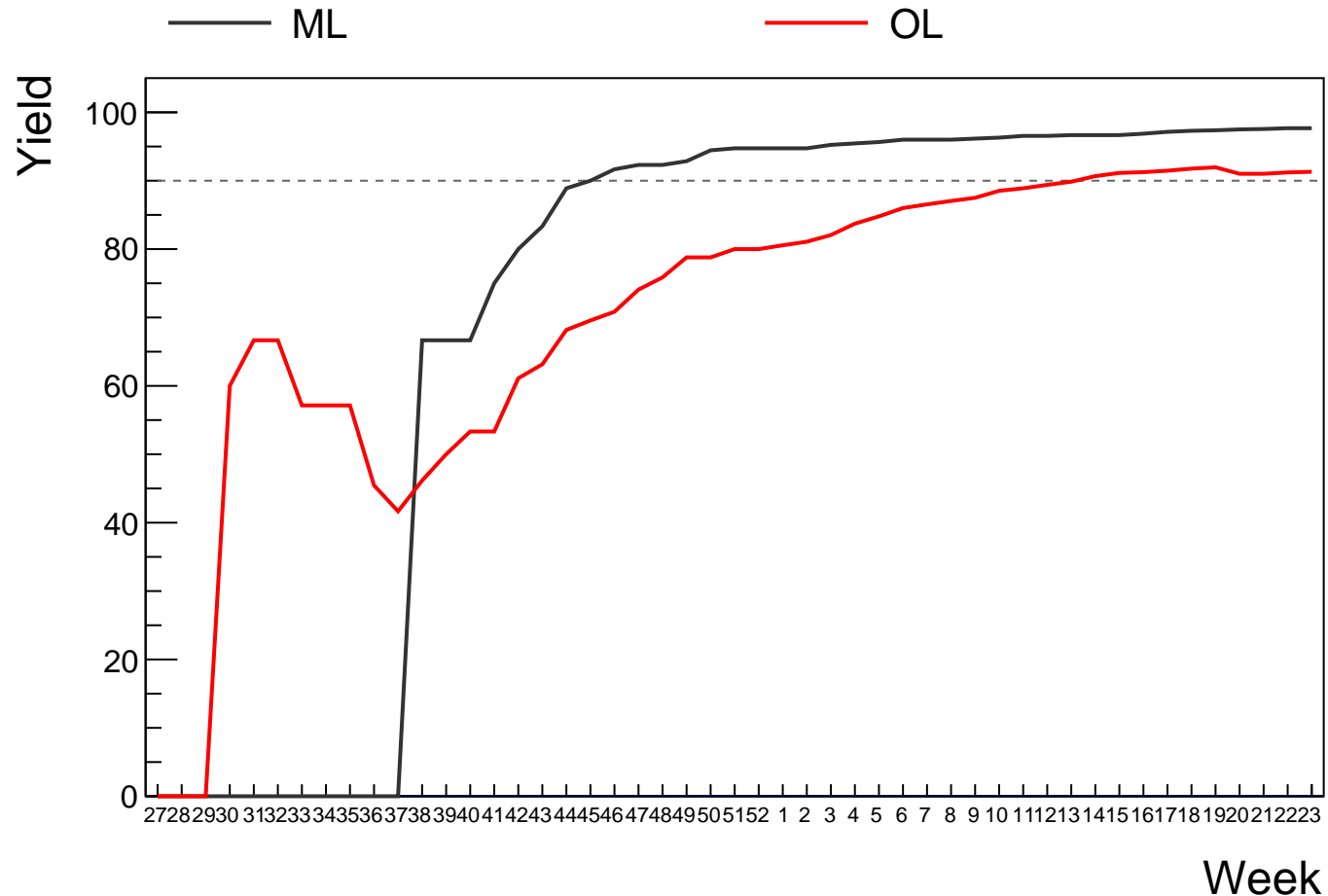
— Nikhef
— Frascati

Yield



Week

Stave yield vs time



Production rate (October 2018 - prev. week)**

- **Berkeley: 1.21(all) -- 1.21(DG)**
- **Nikhef: 0.45(all) -- 0.45(DG)**
- **Daresbury: 0.55(all) -- 0.52(DG)**
- **Frascati: 0.58(all) -- 0.58(DG)**
- **Turin: 0.79(all) -- 0.79(DG) → Prod. ended**

OL: 2.37(all) -- 2.34(DG)

ML: 1.21(all) -- 1.21(DG)

****Christmas holiday excluded (2 weeks)**

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) -- 0.80(DG)
- OL: 2.60(all) -- 2.60(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: 1.00(all) -- 1.00(DG)
- OL: 3.00(all) -- 3.00(DG)
- ML: 1.00(all) -- 1.00(DG)

April

- Berkeley: 1.40(all) -- 1.40(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) -- 1.40(DG)

May

- Berkeley: 1.60(all) -- 1.60(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) -- 1.60(DG)

Stave reception @CERN

Staves qualified in the previous week

D-OL-Stave-014: (U,L)=(1, 0) bad chips

D-OL-Stave-019: (U,L)=(0, 0) bad chips

D-OL-Stave-018: (U,L)=(0, 0) bad chips

D-OL-Stave-016: (U,L)=(0, 0) bad chips

Staves qualified this week

B-ML-Stave-040: (U,L)=(0, 0)

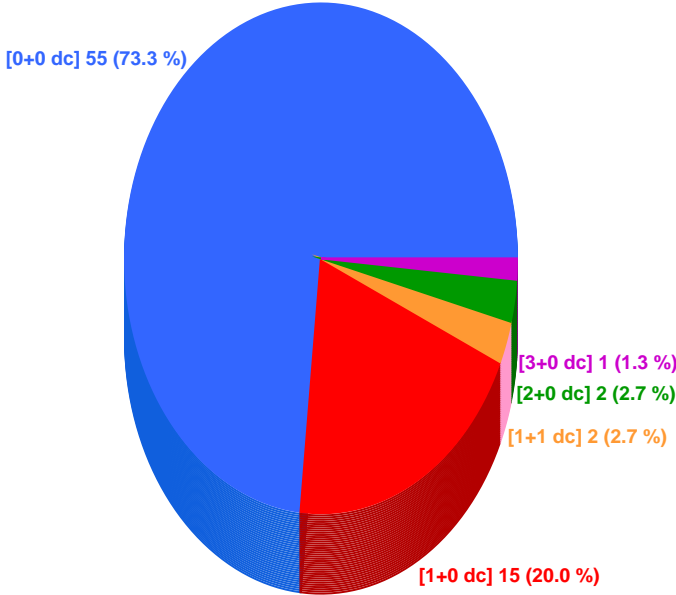
B-ML-Stave-038: (U,L)=(0, 0)

B-ML-Stave-037: (U,L)=(0, 0)

B-ML-Stave-036: (U,L)=(0, 0)

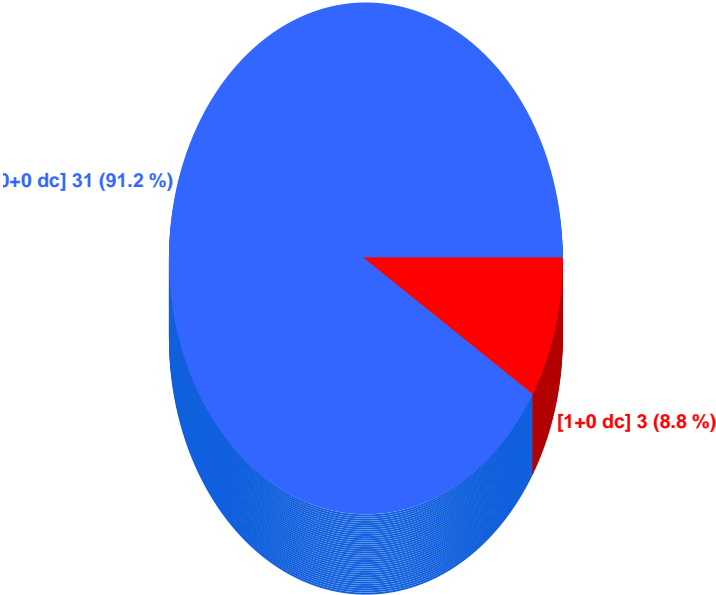
Stave - OL @CERN

98.67 % ok

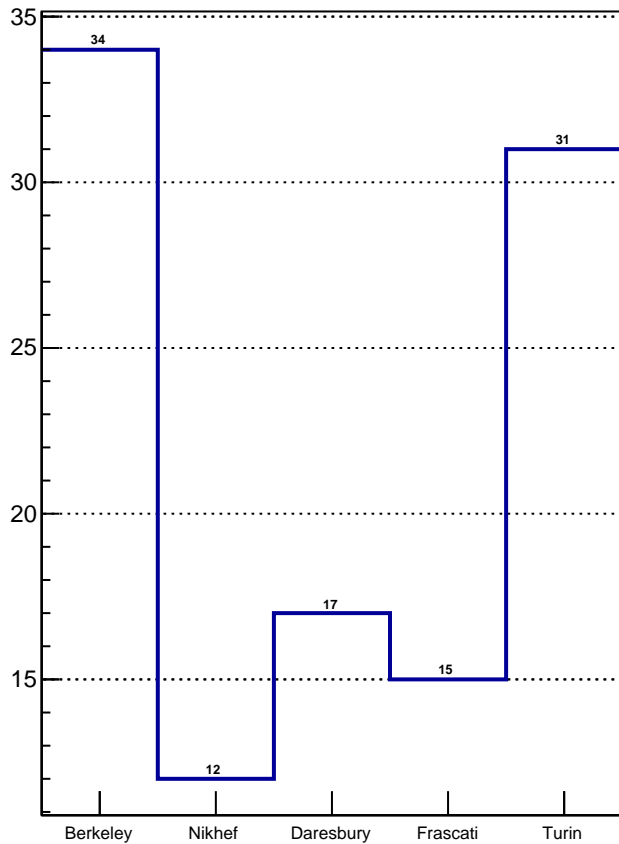


Stave - ML @CERN

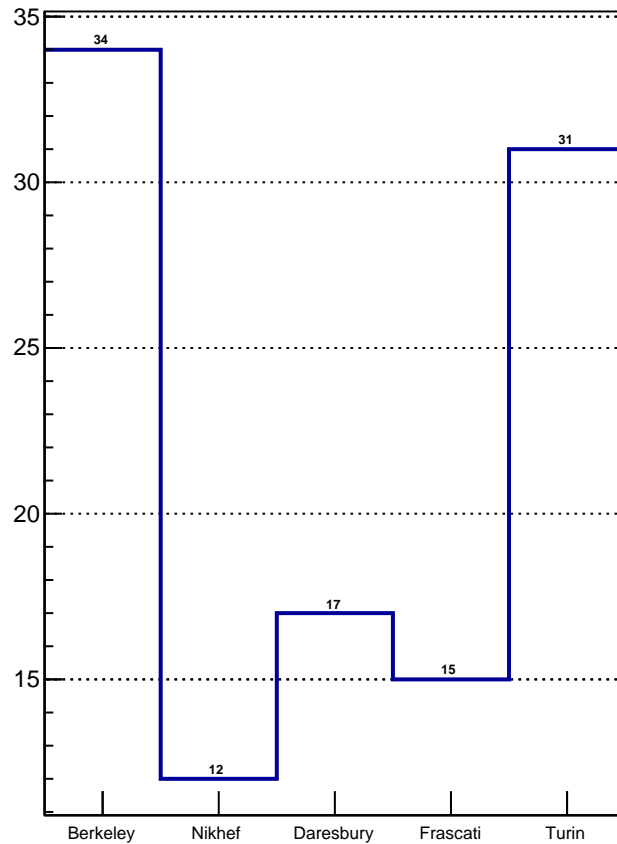
100.00 % ok



All Stave @CERN



Det. Grade Stave @CERN

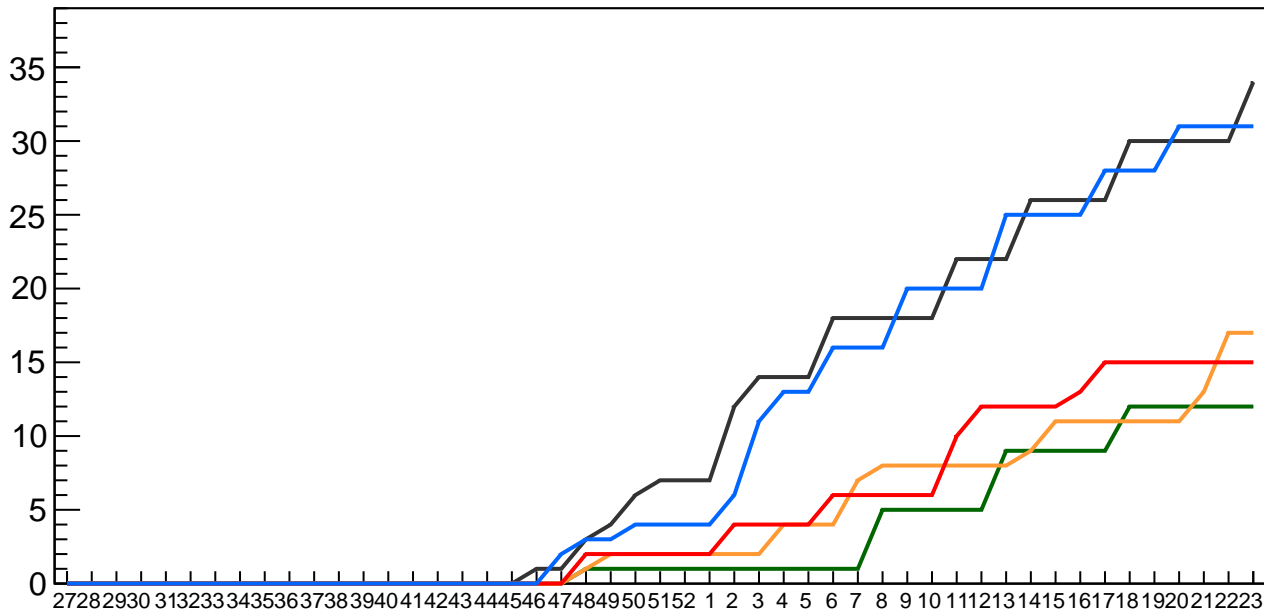


Det. grade Stave vs time @CERN

Berkeley
 Daresbury
 Turin

Nikhef
 Frascati

#Stave



Week

Comparison to prev. week

Berkeley: +4

Nikhef: +0

Daresbury: +0

Frascati: +0

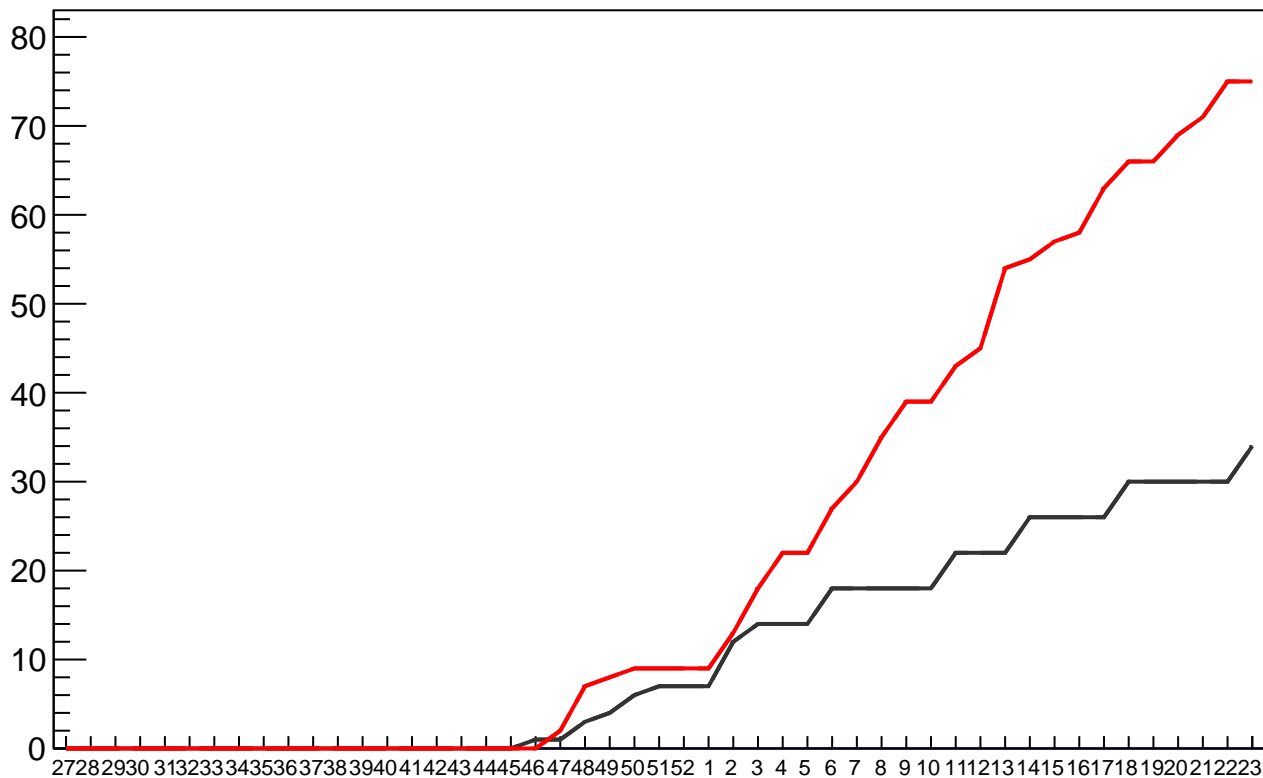
Turin: +0

Det. grade Stave vs time @CERN

— ML(all)
— OL(all)

— ML(DG)
— OL(DG)

#Stave



Week

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

Berkeley: 1.12(all) -- 1.12(DG)

Nikhef: 0.46(all) -- 0.46(DG)

Daresbury: 0.67(all) -- 0.67(DG)

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

Turin: 1.17(all) -- 1.17(DG)

OL: 2.83(all) -- 2.83(DG)

ML: 1.12(all) -- 1.12(DG)

****Christmas holiday excluded (2 weeks)**

HS without a Stave

HSs (DG) not yet tested as Stave

A-OL-HS-U-009: 2 bad chips
F-OL-HS-U-027: 0 bad chips
F-OL-HS-U-026: 0 bad chips
F-OL-HS-U-025: 0 bad chips
F-OL-HS-U-024: 0 bad chips
F-OL-HS-U-005: 0 bad chips
F-OL-HS-L-027: 0 bad chips
F-OL-HS-L-026: 0 bad chips
F-OL-HS-L-025: 0 bad chips
F-OL-HS-L-024: 0 bad chips
F-OL-HS-L-022: 0 bad chips
F-OL-HS-L-005: 0 bad chips
D-OL-HS-U-021: 0 bad chips
A-OL-HS-U-120: 0 bad chips
A-OL-HS-U-021: 0 bad chips
A-OL-HS-L-021: 0 bad chips
A-OL-HS-L-020: 0 bad chips
A-OL-HS-L-013: 0 bad chips
B-ML-HS-U-048: 0 bad chips
B-ML-HS-U-047: 0 bad chips
B-ML-HS-U-046: 0 bad chips
B-ML-HS-U-045: 0 bad chips
B-ML-HS-U-014: 0 bad chips
B-ML-HS-L-047: 0 bad chips
B-ML-HS-L-046: 0 bad chips
B-ML-HS-L-045: 0 bad chips
B-ML-HS-L-014: 0 bad chips

HSs (non-DG) not yet tested as Stave

A-OL-HS-L-004: 14 bad chips -> rework(?)

F-OL-HS-U-002: 8 bad chips -> rework(?)

Stave not DG

Staves not DG

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-003: (U,L) = (98, 98) bad chips

F-OL-Stave-001: (U,L) = (43, 14) bad chips

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

T-OL-Stave-002: (U,L) = (7, 1) bad chips

D-OL-Stave-001: (U,L) = (0, 15) bad chips

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