Check list

Name: Fred

Time: 04:00

Agata

- Run number: 63
- Agava requested: 664
- Agava validated: 540
- Screenshot trigger rate + spectrum of time coincidence : V
- Check in Go4 that all Agata-TDC spectra are there: ✓
- Check that the last .cdat files has been written less then 10 minutes ago for all the crystals: V
- Copy and paste in a text file the GTS rate: V
- Check Spectra of all crystals:
- Check at the sum spectra "Global level":
- - number of counts in 511 keV:
- - number of counts in 1460 keV K:
-
- Crystals with problems:

General

- lmd file nr: 1081.lmd
- Beam intensity: $9 \cdot 10^8$
- Scaler sc at S4: 3500
- Scaler sc at S2: 75000
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall
- Check in Go4 the triggers:

Comments:

Exp No.	Primary Beam:	Date

MBS/file location	**File (first)** **File (last)** 1082.lmd	**Start** **Stop** 05.52
Narval/file location	**File (first)** AR_63 **File (last)**	**Start** **Stop**
Merged(Narval+MBS)/file location	**File (first)** **File (last)**	**Start** **Stop**

PURPOSE OF MEASUREMENT: (Centered Isotope) ☐ Calibration run ☒ Production run

COMMENTS: **shift-in-charge**

FRS/BEAMLINE elements

- ☒ SEETRAM
- ☐ SCI-01
- ☒ FRS-TA0
- ☐ S1-degrader
- ☒ S2-degrader
- ☒ SCI-21
- ☒ S4-degrader
- ☒ LYCCA-Start
- ☐ LYCCA-TaStart
- ☒ TA1
- ☒ TaDSSD

SPILL

spill length: 1 sec

period: 3sec

FRS setting No.

S426 – 31

PRIMARY BEAM

Element: ^{86}Kr

SIS energy [MeV/u]: 700

Intensity-SEETRAM:

PROD. TARGET

TS1ET5HS, TS1ET5VS:

number: 35

element: Be

thickness: 2.5 g/cm²

S1 DEGRADER

TS3ED2...

Thickness: 2 g/cm²

Wedge used:

O2 (Wedge Oben):

V1 (Wedge Unten):

S2 DEGRADER

TS3ED7...

Thickness: 3g/cm²

L (Ladder):

D (Disk):

VO (Wedge Oben):

VU (Wedge Unten):

S4 DEGRADER

HFSED3...

Thickness:

O (Wedge Oben):

U (Wedge Unten):

S0 SLITS open

☐ beam stop out

TS2DS3HL (left):

TS2DS3HR (right):

TS2DS3VO (top):

TS2DS3VU (bottom):

S1 SLITS

☐ beam plug out

TS3DS2HL (left): -7

TS3DS2HR (right): +9

S2 SLITS

☐ beam plug out

TS4DS1HL (left): -20

TS4DS1HR (right): +20

TS4DS1VO (left):

TS4DS1VU (right):

S3 SLITS open

TS4DS3HL (left):

TS4DS3HR (right):

S4 SLITS

HFSDS3H (left): -35

HFSDS3H (right): +35

Pb Brick (top):

Pb Brick (bottom):

MAGNETS

Field values from Hall probes:

TS3MU1: .89865

TS3MU2: .84574

TS4MU1: .71014

HFSMU1: .70075

FRS-RATES

(counts/spill)

10 kHrtz : 22995

10 kHrtz veto dT : 22766

SC21L: 62217

SC21R: 67677

SC41L: 3279

SC41R: 3278

TA1

Element : Al

Thickness : 2 mm/gr²

Position: center

PreSPEC-Trig/red.

- ☐ Pulser(1) /.....
- ☐ LYCCA cal(2)/.....
- ☒ AgataCal(3)/.....
- ☐ HEC Cal(4)/.....
- ☐ FRS from TB(5)/...
- ☐ p+HEC(6)/.....
- ☐ p+Agata(7)/.....
- ☒ p+HEC+Lyc(8)/.....
- ☒ p+Agata+Lyc(9)/.....
- ☒ Part-SC41(10)/.....
- ☐ Spill-on(12)/.....
- ☐ Spill-off(13)/.....

FRS-TRIGGER

- ☐ SCI21
- ☒ SCI41
- ☐ Other:

PreSPEC-Rates

(Validated/Rejected)

AGATA : 390/486

FRS : 900/5000

Ta-ToF-LYCCA : 2544

HECTOR : 243

LYCCA / PIs. check

- ☐ Run-sheet filled
- ☐ Run-sheet uploaded on elog

LN2

LN2 Last Filling :

Tank1 Vol. (%) :

Tank2 Vol. (%) :

Check list

Name: Fred

Time: 5.48

Agata

- Run number: 63
- Agava requested: 486
- Agava validated: 390
- Screenshot trigger rate + spectrum of time coincidence : ✓
- Check in Go4 that all Agata-TDC spectra are there: ✓
- Check that the last .cdat files has been written less then 10 minutes ago for all the crystals: ✓
- Copy and paste in a text file the GTS rate: ✓
- Check Spectra of all crystals: ✗
- Check at the sum spectra "Global level":
- - number of counts in 511 keV:
- - number of counts in 1460 keV K:
-
- Crystals with problems:

General

- lmd file nr: 1082
- Beam intensity: 8.10⁸
- Scaler sc at S4: 68000
- Scaler sc at S2: 3200
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall ✓
- Check in Go4 the triggers: ✓

Comments:

Exp No.	Primary Beam: 86Kr	Date 29/03/14 10:10
MBS/file location	File (first) 1087 File (last)	Start 10:10 Stop 10:30
Narval/file location	File (first) 67 File (last)	Start Stop
Merged(Narval+MBS)/file location	File (first) File (last)	Start Stop

PURPOSE OF MEASUREMENT: (Centered Isotope) ☒ Calibration run ☐ Production run

TPs check setup

COMMENTS: **shift-in-charge** Stolz

FRS/BEAMLINE elements
- ☒ SEETRAM
- ☐ SCI-01
- ☒ FRS-TA0
- ☒ S1-degrader
- ☒ S2-degrader
- ☒ SCI-21
- ☐ S4-degrader
- ☒ LYCCA-Start
- ☐ LYCCA-TaStart
- ☒ TA1
- ☒ TaDSSD

SPILL
- spill length: 10 s
- period: 12 s

FRS setting No.
- ~~S426_32~~ S426_32

PRIMARY BEAM
- Element: 86Kr
- SIS energy [MeV/u]: 300
- Intensity-SEETRAM: 2e10^7

PROD. TARGET
TS1ET5HS, TS1ET5VS:
- number: 35
- element: Ta
- thickness: 2.5 mg

S1 DEGRADER
TS3ED2...
- Thickness:
- Wedge used:
- O2 (Wedge Oben): -31.2
- V1 (Wedge Unten): -252.7

S2 DEGRADER
TS3ED7...
- Thickness:
- L (Ladder): Out
- D (Disk): 62.2
- VO (Wedge Oben): -298
- VU (Wedge Unten): -298

S4 DEGRADER
HFSED3... out
- Thickness:
- O (Wedge Oben):
- U (Wedge Unten):

S0 SLITS
☐ beam stop out
- TS2DS3HL (left):
- TS2DS3HR (right):
- TS2DS3VO (top):
- TS2DS3VU (bottom):

S1 SLITS
☐ beam plug out
- TS3DS2HL (left): -10
- TS3DS2HR (right): +10

S2 SLITS
☐ beam plug out
- TS4DS1HL (left): -30
- TS4DS1HR (right): +30
- TS4DS1VO (left): -20
- TS4DS1VU (right): +20

S3 SLITS
- TS4DS3HL (left): -35
- TS4DS3HR (right): +35

S4 SLITS
- HFSDS3H (left): -35
- HFSDS3H (right): +35
- Pb Brick (top):
- Pb Brick (bottom):

MAGNETS
Field values from Hall probes:
- TS3MU1: 0,90855T
- TS3MU2: 0,84284
- TS4MU1: 0,64534
- HFSMU1: 0,64485T

FRS-RATES
(counts/spill)
- 10 kHrtz :
- 10 kHrtz veto dT :
- SC21L: 540.000
- SC21R: 540.000
- SC41L: 250.000
- SC41R: 250.000

TA1
- Element : Ta
- Thickness : 2
- Position: Center

PreSPEC-Trig/red.
- ☐ Pulser(1) /.....
- ☐ LYCCA cal(2)/.....
- ☐ AgataCal(3)/.....
- ☐ HEC Cal(4)/.....
- ☐ FRS from TB(5)/...
- ☐ p+HEC(6)/.....
- ☐ p+Agata(7)/.....
- ☐ p+HEC+Lyc(8)/.....
- ☐ p+Agata+Lyc(9)/...
- ☐ Part-SC41(10)/.....
- ☐ Spill-on(12)/.....
- ☐ Spill-off(13)/.....

FRS-TRIGGER
- ☐ SCI21
- ☒ SCI41
- ☐ Other:

PreSPEC-Rates
(Validated/Rejected)
- AGATA :
- FRS :
- Ta-ToF-LYCCA :
- HECTOR :

LYCCA / Pls. check
- ☐ Run-sheet filled
- ☐ Run-sheet uploaded on elog

LN2
- LN2 Last Filling :
- Tank1 Vol. (%) :
- Tank2 Vol. (%) :

SCI 2: 3mm

PPAC 247 mm

Exp No.	Primary Beam:	Date

MBS/file location	**File (first)** AR67_1091 **File (last)**	**Start** 12:4? **Stop**
Narval/file location	**File (first)** **File (last)**	**Start** **Stop**
Merged(Narval+MBS)/file location	**File (first)** **File (last)**	**Start** **Stop**

PURPOSE OF MEASUREMENT: (Centered Isotope) ☐ Calibration run ☒ Production run

got the beam back after the source was changed

COMMENTS: **shift-in-charge**

FRS/BEAMLINE elements

- ☒ SEETRAM
- ☐ SCI-01
- ☒ FRS-TA0
- ☒ S1-degrader
- ☒ S2-degrader
- ☒ SCI-21
- ☐ S4-degrader
- ☒ LYCCA-Start
- ☐ LYCCA-TaStart
- ☒ TA1
- ☒ TaDSSD

SPILL

spill length: 10 sec

period: 12 sec

FRS setting No.

S426_32

PRIMARY BEAM

Element: 86Kr

SIS energy [MeV/u]: 700

Intensity-SEETRAM: 1.2 · 10⁸

PROD. TARGET

TS1ET5HS, TS1ET5VS:

number: 35

element: Be

thickness: 2.5 g

S1 DEGRADER

TS3ED2...

Thickness: 2 g

Wedge used:

O2 (Wedge Oben):

V1 (Wedge Unten):

S2 DEGRADER

TS3ED7...

Thickness: 5 g

L (Ladder):

D (Disk):

VO (Wedge Oben):

VU (Wedge Unten):

S4 DEGRADER

HFSED3...

Thickness:

O (Wedge Oben):

U (Wedge Unten):

S0 SLITS open

☐ beam stop out

TS2DS3HL (left):

TS2DS3HR (right):

TS2DS3VO (top):

TS2DS3VU (bottom):

S1 SLITS

☐ beam plug out

TS3DS2HL (left): −10

TS3DS2HR (right): 10

S2 SLITS

☐ beam plug out

TS4DS1HL (left): −30

TS4DS1HR (right): 30

TS4DS1VO (left): 20

TS4DS1VU (right): −20

S3 SLITS

TS4DS3HL (left): −20

TS4DS3HR (right): 20

S4 SLITS

HFSDS3H (left): −35

HFSDS3H (right): 35

Pb Brick (top):

Pb Brick (bottom):

MAGNETS

Field values from Hall probes:

TS3MU1: 0.90875

TS3MU2: 0.84284

TS4MU1: 0.64534

HFSMU1: 0.64485

FRS-RATES

(counts/spill)

10 kHrtz : 10000

10 kHrtz veto dT : 6700

SC21L: 900 k

SC21R: 900 k

SC41L: 470 k

SC41R: 470 k

TA1

Element : Au

Thickness : 2 g/cm²

Position: center

PreSPEC-Trig/red.

- ☐ Pulser(1) /.....
- ☐ LYCCA cal(2)/.....
- ☐ AgataCal(3)/.....
- ☐ HEC Cal(4)/.....
- ☐ FRS from TB(5)/...
- ☐ p+HEC(6)/.....
- ☐ p+Agata(7)/.....
- ☐ p+HEC+Lyc(8)/.....
- ☐ p+Agata+Lyc(9)/...
- ☐ Part-SC41(10)/.....
- ☐ Spill-on(12)/.....
- ☐ Spill-off(13)/.....

FRS-TRIGGER

- ☐ SCI21
- ☒ SCI41
- ☐ Other:

PreSPEC-Rates

(Validated/Rejected)

AGATA :

FRS :

Ta-ToF-LYCCA :

HECTOR :

LYCCA / Pls. check

- ☐ Run-sheet filled
- ☐ Run-sheet uploaded on elog

LN2

LN2 Last Filling :

Tank1 Vol. (%) :

Tank2 Vol. (%) :