Exp No. Primary Beam: Date

MBS/file location ridaq2/mar-AG_14/calib	**File (first)** frs_ first_tof_0340.lmd **File (last)**	**Start** 1:17 **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

First tof calibration point for FRS

COMMENTS: Adjustment of scintilator amplitued is going on **shift-in-charge** M. Reese ; H. Pai ----- not useful for calibr.

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:
- period:

FRS setting No. S426—15

PRIMARY BEAM

- Element: 86Kr
- SIS energy [MeV/u] 700
- Intensity-SEETRAM

PROD. TARGET TS1ET5HS, TS1ET5VS:

- number:
- element:
- thickness:

S1 DEGRADER TS3ED2...

- Thickness:
- Wedge used:
- O2 (Wedge Oben):
- V1 (Wedge Unten):

S2 DEGRADER TS3ED7...

- Thickness:
- L (Ladder):
- D (Disk):
- VO (Wedge Oben):
- VU (Wedge Unten):

S4 DEGRADER HFSED3...

- Thickness:
- O (Wedge Oben):
- U (Wedge Unten):

S0 SLITS

☐ beam stop out

- TS2DS3HL (left):
- TS2DS3HR (right):
- TS2DS3VO (top):
- TS2DS3VU (bottom):

S1 SLITS OPEN

☐ beam plug out

- TS3DS2HL (left):
- TS3DS2HR (right):

S2 SLITS OPEN

☐ beam plug out

- TS4DS1HL (left):
- TS4DS1HR (right):
- 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: 0.96165
- TS3MU2: 0.94944
- TS4MU1: 0.92034
- HFSMU1:

FRS-RATES (counts/spill)

- 10 kHrtz : 9.2 kHz
- 10 kHrtz veto dT : 9.2 kHz
- SC21L: 403
- SC21R: 471
- SC41L: 357
- SC41R: 419

TA1

- Element : two 197Au
- Thickness : 2mm and 1mm
- Position: centre + down stream

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 : 357
- Ta-ToF-LYCCA : 377
- HECTOR : 126

LYCCA / Pls. check

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

LN2

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

Exp No. | Primary Beam: | Date

MBS/file location /d/nisingo2/mar_AG_14/calib	**File (first)** finger_calib_S2defoc_0341.lmd **File (last)**	**Start** 01:50 **Stop** 01:58
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

Calibration of finger detector with beam defocussed at S2

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:
- period:

FRS setting No.

PRIMARY BEAM
- Element:
- SIS energy [MeV/u]:
- Intensity-SEETRAM:

PROD. TARGET

TS1ET5HS, TS1ET5VS:
- number:
- element:
- thickness:

S1 DEGRADER

TS3ED2...
- Thickness:
- Wedge used:
- O2 (Wedge Oben):
- V1 (Wedge Unten):

S2 DEGRADER

TS3ED7...
- Thickness:
- L (Ladder):
- D (Disk):
- VO (Wedge Oben):
- VU (Wedge Unten):

S4 DEGRADER

HFSED3...
- 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):
- TS3DS2HR (right):

S2 SLITS

☐ beam plug out
- TS4DS1HL (left):
- TS4DS1HR (right):
- TS4DS1VO (left):
- TS4DS1VU (right):

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

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

MAGNETS

Field values from Hall probes:
- TS3MU1:
- TS3MU2:
- TS4MU1:
- HFSMU1:

FRS-RATES

(counts/spill)
- 10 kHrtz :
- 10 kHrtz veto dT :
- SC21L:
- SC21R:
- SC41L:
- SC41R:

TA1
- Element :
- Thickness :
- Position:

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 / PIs. check
- ☐ Run-sheet filled
- ☐ Run-sheet uploaded on elog

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

Exp No. S426 | Primary Beam: 86Kr | Date 20.03.2014

MBS/file location /d/nsiugo2/mar_AG_14/calib
File (first) frs_first_tof_0342.lmd
File (last)
Start 02:08
Stop 02:13

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
first calibration point for FRS tof & MUSIC calibration

COMMENTS: ~~After Degr. Dt~~ β_{LISE} = 0.8134413
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: ≈ 3s
- period: ≈ 6s

FRS setting No.
S426_15

PRIMARY BEAM
- Element: 86Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM

PROD. TARGET
TS1ET5HS, TS1ET5VS:
- number:
- element:
- thickness:

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

S2 DEGRADER
TS3ED7...
- Thickness:
- 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 open
☐ beam plug out
- TS3DS2HL (left):
- TS3DS2HR (right):

S2 SLITS open
☐ beam plug out
- TS4DS1HL (left):
- TS4DS1HR (right):
- 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: 0.96175
- TS3MU2: 0.94954
- TS4MU1: 0.92044
- HFSMU1: 0.91974

FRS-RATES
(counts/spill)
- 10 kHrtz :
- 10 kHrtz veto dT :
- SC21L: 800
- SC21R: 800
- SC41L: 800
- SC41R: 800

TA1
- Element : Au+Au
- Thickness : 2mm + 1mm
- Position: center + downstream

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 : 01:30
- Tank1 Vol. (%) : 83 %
- Tank2 Vol. (%) : 77 %

Exp No. S426 Primary Beam: ^{86}Kr Date 20.03.2014

MBS/file location /d/nsmg02/fmar-16.14/calib/	**File (first)** frs_second_tof_0343 **File (last)** .lmd	**Start** 03:15 **Stop** 03:22
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

Second calibration point for FRS ToF & MUSIC calib

COMMENTS: BLISE = 0.7961922 **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:
- period:

FRS setting No. S426_16

PRIMARY BEAM
- Element: ^{86}Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM:

PROD. TARGET
TS1ET5HS, TS1ET5VS:
- number:
- element:
- thickness:

S1 DEGRADER
TS3ED2...
- Thickness: 2 g
- Wedge used:
- O2 (Wedge Oben):
- V1 (Wedge Unten):

S2 DEGRADER
TS3ED7...
- Thickness:
- 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 open
☐ beam plug out
- TS3DS2HL (left):
- TS3DS2HR (right):

S2 SLITS open
☐ beam plug out
- TS4DS1HL (left):
- TS4DS1HR (right):
- 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: 0.96165
- TS3MU2: 0.89604
- TS4MU1: 0.86534
- HFSMU1: 0.86535

FRS-RATES (counts/spill)
- 10 kHrtz :
- 10 kHrtz veto dT :
- SC21L: 8000
- SC21R: 8000
- SC41L: 8000
- SC41R: 8000

TA1
- Element : Au & Au
- Thickness : 2 mm & 4 mm
- Position: center & downstream

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 / PIs, check
- ☐ Run-sheet filled
- ☐ Run-sheet uploaded on elog

LN2
- LN2 Last Filling : 01:30
- Tank1 Vol. (%) : 83 %
- Tank2 Vol. (%) : 77 %

Exp No. S426 Primary Beam: ^{86}Kr Date 20.03.2014

MBS/file location /d/misisoc/mar_AG_14/calib	**File (first)** frs_third_tof_0544.lmd **File (last)**	**Start** 03:36 **Stop** 03:44
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) third calibration point for FRS ToF & MUSIC ☑ Calibration run ☐ Production run

COMMENTS: β_{CUSP} = 0.7634833 **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: ≈ 3s
- period: ≈ 6s

FRS setting No. S426_17

PRIMARY BEAM
- Element: ^{86}Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM:

PROD. TARGET
TS1ET5HS, TS1ET5VS:
- number:
- element:
- thickness:

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

S2 DEGRADER
TS3ED7...
- Thickness: 5g
- 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 open
☐ beam plug out
- TS3DS2HL (left):
- TS3DS2HR (right):

S2 SLITS open
☐ beam plug out
- TS4DS1HL (left):
- TS4DS1HR (right):
- 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: 0.96165
- TS3MU2: 0.94934
- TS4MU1: 0.77804
- HFSMU1: 0.77245

FRS-RATES (counts/spill)
- 10 kHrtz :
- 10 kHrtz veto dT :
- SC21L: 8k
- SC21R: 8k
- SC41L: 8k
- SC41R: 8k

TA1
- Element: Au & Au
- Thickness : 2mm & 1mm
- Position: Center & downstream

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 : 01:30
- Tank1 Vol. (%) : 83%
- Tank2 Vol. (%) : 77%

Exp No. S426 Primary Beam: 86 Kr Date 20.03.2014

MBS/file location /d/risingo2/mar_AG_14/	**File (first)** frs_fourth_tof_0345.lmd **File (last)**	**Start** 04:31 **Stop** 04:40
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
4th calibration point for FRS tof & MUSIC (86 Kr)

COMMENTS: not corrected for target thickness β_{LISE} = 0.7255703
shift-in-charge don't use this value without correcting for target thickness

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: ≃ 3 sec
- period: ≈ 6 sec

FRS setting No. S426_18

PRIMARY BEAM
- Element: 86 Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM:

PROD. TARGET
TS1ET5HS, TS1ET5VS:
- number: 35
- element: Be
- thickness: 2.5 g Be

S1 DEGRADER
TS3ED2...
- Thickness:
- 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 open
☐ beam plug out
- TS3DS2HL (left):
- TS3DS2HR (right):

S2 SLITS open
☐ beam plug out
- TS4DS1HL (left):
- TS4DS1HR (right):
- 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: 0.89255
- TS3MU2: 0.88134
- TS4MU1: 0.69414
- HFSMU1: 0.69355

FRS-RATES
(counts/spill)
- 10 kHrtz :
- 10 kHrtz veto dT :
- SC21L: 5 k
- SC21R: 5 k
- SC41L: 5 k
- SC41R: 5 k

TA1
- Element : Au & Au
- Thickness : 2 mm & 1 mm
- Position: cent. & downstream

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. (%) :

Exp No. S426 Primary Beam: Date

MBS/file location /d/nisng02/mnc_A6_14/calib/	**File (first)** 85Br_S4_center_0346 **File (last)** .lmd	**Start** **Stop** 05:40
Narval/file location 85Br_first_test	**File (first)** **File (last)**	**Start** **Stop**
Merged(Narval+MBS)/file location	**File (first)** **File (last)**	**Start** **Stop**

PURPOSE OF MEASUREMENT: (Centered Isotope) Scale to 85Br and check 1D-plot (85Br) ☒ 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: 3 sec
- period: 6 sec

FRS setting No.: S426_19

PRIMARY BEAM
- Element: 86Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM:

PROD. TARGET
TS1ET5HS, TS1ET5VS:
- number: 35
- element: Be
- thickness: 2.5g

S1 DEGRADER
TS3ED2...
- Thickness: 2g
- Wedge used:
- O2 (Wedge Oben):
- V1 (Wedge Unten):

S2 DEGRADER
TS3ED7...
- Thickness:
- 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 open
☐ beam plug out
- TS3DS2HL (left):
- TS3DS2HR (right):

S2 SLITS open
☐ beam plug out
- TS4DS1HL (left):
- TS4DS1HR (right):
- 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: 0.50505
- TS3MU2: 0.84214
- TS4MU1: 0.64534
- HFSMU1: 0.64475

FRS-RATES (counts/spill)
- 10 kHrtz :
- 10 kHrtz veto dT :
- SC21L: 21k
- SC21R: 21k
- SC41L: 4.5k
- SC41R: 4.5k

TA1
- Element : Al & Be
- Thickness : 2mm & 1mm
- Position: cent. & downstr.

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 / PIs. check
- ☐ Run-sheet filled
- ☐ Run-sheet uploaded on elog

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

Exp No. Primary Beam: Date

MBS/file location r1 daq2/mar_AG_14/data	**File (first)** 87Br_AR25_cotex_0347 **File (last)**	**Start** **Stop**
Narval/file location	**File (first)** Agatarun 25 **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: Slits will be changed during the run **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: 3 sec

period: 7 sec

FRS setting No. 54 26_19

PRIMARY BEAM

Element: 86 Kr

SIS energy [MeV/u]: 700 MeV/u

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: 5 g/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 open

☐ beam plug out

TS3DS2HL (left):

TS3DS2HR (right):

S2 SLITS open

☐ beam plug out

TS4DS1HL (left):

TS4DS1HR (right):

TS4DS1VO (left):

TS4DS1VU (right):

S3 SLITS

TS4DS3HL (left): + 35

TS4DS3HR (right): 35

S4 SLITS

HFSDS3H (left):

HFSDS3H (right):

Pb Brick (top):

Pb Brick (bottom):

MAGNETS

Field values from Hall probes:

TS3MU1: 0.90905

TS3MU2: 0.84214

TS4MU1: 0.64544

HFSMU1: 0.64475

FRS-RATES

(counts/spill)

10 kHrtz : 37477

10 kHrtz veto dT : 37048

SC21L: 18510

SC21R: 19417

SC41L: 3157

SC41R: 3695

TA1

Element : Au - Au

Thickness : 2mm / 1mm

Position: center / downstream

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 : 3111

HECTOR : 561

LYCCA / Pls. check

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

LN2

LN2 Last Filling :

Tank1 Vol. (%) :

Tank2 Vol. (%) : ✓

Exp No. | Primary Beam: | Date

MBS/file location	**File (first)** 85Br_AR26_cocktail_0348 **File (last)**	**Start** **Stop**
Narval/file location	**File (first)** AR26 **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**

For the target and wall dossd timing changed T: 160 → 220 W: 120 → 220

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: 3 sec

period: 7 sec

FRS setting No.

SU26-19

PRIMARY BEAM

Element: ^{86}Kr

SIS energy [MeV/u] 700MeV/u

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: 5 g/cm²

L (Ladder):

D (Disk):

VO (Wedge Oben):

VU (Wedge Unten):

S4 DEGRADER

HFSED3... out

Thickness:

O (Wedge Oben):

U (Wedge Unten):

S0 SLITS open

☐ beam stop out

TS2DS3HL (left):

TS2DS3HR (right):

TS2DS3VO (top):

TS2DS3VU (bottom):

S1 SLITS open

☐ beam plug out

TS3DS2HL (left):

TS3DS2HR (right):

S2 SLITS open

☐ beam plug out

TS4DS1HL (left):

TS4DS1HR (right):

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: 0.90885

TS3MU2: 0.86214

TS4MU1: 0.66546

HFSMU1: 0.64675

FRS-RATES

(counts/spill)

10 kHrtz : 32867

10 kHrtz veto dT : 32302

SC21L: 17145

SC21R: 17176

SC41L: 3419

SC41R: 3765

TA1

Element : Au / Au

Thickness : 2mm / 1mm

Position: center / downstream

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 : 3489

HECTOR : 531

LYCCA / Pls. check

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

LN2

LN2 Last Filling :

Tank1 Vol. (%) :

Tank2/Vol. (%) :

From file 0348, it is higher intensity with higher intensity (~500) spill lenght is 9 ms)

Exp No. | Primary Beam: | Date

MBS/file location	**File (first)** 85Br_AR26_index_0352 **File (last)**	**Start** **Stop**
Narval/file location	**File (first)** **File (last)** AR26	**Start** **Stop**
Merged(Narval+MBS)/file location	**File (first)** **File (last)**	**Start** **Stop**

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

COMMENTS: changing the S2/S3 slits height from open to F10

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: 9 sec
- period: 10 sec

FRS setting No.

PRIMARY BEAM
- Element: 86Kr
- SIS energy [MeV/u]: 700 MeV/u
- Intensity-SEETRAM: 4000

PROD. TARGET
TS1ET5HS, TS1ET5VS:
- number: 35
- element: Be
- thickness: 2 g/cm²

S1 DEGRADER
TS3ED2...
- Thickness: 2.6 g/cm²
- Wedge used:
- O2 (Wedge Oben):
- V1 (Wedge Unten):

S2 DEGRADER
TS3ED7...
- Thickness: 5.9 g/cm²
- L (Ladder):
- D (Disk):
- VO (Wedge Oben):
- VU (Wedge Unten):

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 changing
☐ beam plug out
- TS3DS2HL (left):
- TS3DS2HR (right):

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

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

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

MAGNETS
Field values from Hall probes:
- TS3MU1: 0.90855
- TS3MU2: .84214
- TS4MU1: .64564
- HFSMU1: .64475

FRS-RATES (counts/spill)
- 10 kHrtz : 92867
- 10 kHrtz veto dT : 82315
- SC21L: 250395
- SC21R: 240810
- SC41L: 100834
- SC41R: 94575

TA1
- Element : Au / Au
- Thickness : 2mm / 1mm
- Position: center / downstream

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)/28.
- ☒ Spill-on(12)/.....
- ☒ Spill-off(13)/.....

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

PreSPEC-Rates (Validated/Rejected)
- AGATA :
- FRS :
- Ta-ToF-LYCCA : 94627
- HECTOR : 16617

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

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

from file 354 S0 → open
S1 → -10 +40
S2 → x open, y ± 20

(Decided) from file 395 S1 → ± 10 S2 ± 13 being changed S3 ± 20 S4 ± 35

Check list

Name: Andres Gadea

Time: 9h:00

Agata

- Run number: 76
- Agava requested: 1276
- Agava validated: 1138
- Screenshot trigger rate + spectrum of time coincidence : ✓ GTS_20032014_9h00.png
- 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: GTS_20032014_9h00.txt
- 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: 6A (FEE back pressure)

General

- lmd file nr: 76
- Beam intensity:
- Scaler sc at S4: 100 kHz
- Scaler sc at S2: 250kHz
- 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)** ---0357.lmd	**Start** **Stop**
Narval/file location	**File (first)** **File (last)** AR-127	**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: 9 sec
- period: 12 sec

FRS setting No.
- S426-19

PRIMARY BEAM
- Element: 86Kr
- 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: 5 g/cm²
- L (Ladder):
- D (Disk):
- VO (Wedge Oben):
- VU (Wedge Unten):

S4 DEGRADER
HFSED3... at
- 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):

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

S3 SLITS
- TS4DS3HL (left): ∓ 20 y
- TS4DS3HR (right):

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

MAGNETS
Field values from Hall probes:
- TS3MU1: .90875
- TS3MU2: .86216
- TS4MU1: .64546
- HFSMU1: .64685

FRS-RATES
(counts/spill)
- 10 kHrtz: 162367
- 10 kHrtz veto dT: 124877
- SC21L: 777721
- SC21R: 809080
- SC41L: 450691
- SC41R: 413621

TA1
- Element: Au / Au
- Thickness: 2mm / 1mm
- Position: center / downstream

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 : 386042
- HECTOR : 83489

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

LN2
- LN2 Last Filling : DET2, time ca
- Tank1 Vol. (%) :
- Tank2 Vol. (%) :

Filled

Exp No. | Primary Beam: | Date

MBS/file location 85Br	**File (first)** **File (last)** _0363.lmd	**Start** close file _0372.lmd **Stop**
Narval/file location	**File (first)** **File (last)** Ajotaku 28	**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: 9 sec
- period: 12 sec

FRS setting No.: 5426_19

PRIMARY BEAM
- Element: 86 Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM: 120000

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: 5 g/cm²
- L (Ladder):
- D (Disk):
- VO (Wedge Oben):
- VU (Wedge Unten):

S4 DEGRADER at
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):

S2 SLITS
☐ beam plug out
- TS4DS1HL (left): ∓ 20 y
- TS4DS1HR (right): ± 30 x
- TS4DS1VO (left):
- TS4DS1VU (right):

S3 SLITS
- TS4DS3HL (left): ∓ 20 y
- TS4DS3HR (right):

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

MAGNETS
Field values from Hall probes:
- TS3MU1: .90865
- TS3MU2: .86214
- TS4MU1: .66536
- HFSMU1: .66465

FRS-RATES (counts/spill)
- 10 kHrtz : 98676
- 10 kHrtz veto dT : 8.2248
- SC21L: 776329
- SC21R: 610687
- SC41L: 418236
- SC41R: 319778

TA1
- Element : Al / Al
- Thickness : 2mm / 1mm
- Position: after / downstream

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)/..... 2P
- ☐ Spill-on(12)/.....
- ☐ Spill-off(13)/.....

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

PreSPEC-Rates (Validated/Rejected)
- AGATA :
- FRS :
- Ta-ToF-LYCCA : 385289
- HECTOR : 32065

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

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

Check list

Name:

Time: 10:30 / 11:00

Agata

- Run number: 28
- Agava requested: 2.3 kHz
- Agava validated: 1.7 kHz
- Screenshot trigger rate + spectrum of time coincidence : GTS_20032014_11h00.png
- 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: GTS_20032014_11h00.txt
- 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: 6A

General

- lmd file nr: AR28 ... 0366.lmd
- Beam intensity:
- Scaler sc at S4: 650kHz
- Scaler sc at S2: 350 kHz
- 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)** -373.lmd	**Start** **Stop**
Narval/file location	**File (first)** **File (last)** AR_29	**Start** **Stop**
Merged(Narval+MBS)/file location	**File (first)** **File (last)**	**Start** **Stop**

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

COMMENTS: beam is Not stable (they had some prob.) Intensity

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 s
- period: 12 s

FRS setting No.
- 5426_19

PRIMARY BEAM
- Element: 86Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM: 135 000

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: 9 g/cm²
- L (Ladder):
- D (Disk):
- VO (Wedge Oben):
- VU (Wedge Unten):

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

S0 SLITS 4mm
☐ beam stop out
- TS2DS3HL (left):
- TS2DS3HR (right):
- TS2DS3VO (top):
- TS2DS3VU (bottom):

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

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

S3 SLITS
- TS4DS3HL (left): ± 20 y
- TS4DS3HR (right):

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

MAGNETS
Field values from Hall probes:
- TS3MU1: 0.90865
- TS3MU2: 0.84214
- TS4MU1: 0.64534
- HFSMU1: 0.64485

FRS-RATES (counts/spill)
- 10 kHrtz : 91729
- 10 kHrtz veto dT : 90332
- SC21L: 265708
- SC21R: 412894
- SC41L: 224936
- SC41R: 144992

TA1
- Element : Au (Au)
- Thickness : 2mm (1mm)
- Position: center / downstream

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 : 177900
- HECTOR : 2

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

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

Check list

Name:

Time: 13:22

Agata

- Run number: run29
- Agava requested: 358
- Agava validated: 110
- 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: 0B and 6A stopped

General

- lmd file nr: 373
- Beam intensity: 135 787
- Scaler sc at S4:
- Scaler sc at S2:
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall
- Check in Go4 the triggers: 1, 3, 8, 9, 10

Comments:

Unstable beam

Exp No. Primary Beam: Date

MBS/file location	**File (first)** **File (last)** ~ 0377 last	**Start** **Stop**
Narval/file location	**File (first)** **File (last)** AR 31	**Start** **Stop**
Merged(Narval+MBS)/file location	**File (first)** **File (last)**	**Start** **Stop**

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

COMMENTS: Beam is stored with Biorh. Beam was gone in total 40 min.

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: 7 sec
- period: 10 sec

FRS setting No.
- S426-19

PRIMARY BEAM
- Element: ^{86}Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM: 10H.000

PROD. TARGET
TS1ET5HS, TS1ET5VS:
- number: 35
- element: Be
- thickness: 2.9 g/cm^2

S1 DEGRADER
TS3ED2...
- Thickness: 2 g/cm^2
- Wedge used:
- O2 (Wedge Oben):
- V1 (Wedge Unten):

S2 DEGRADER
TS3ED7...
- Thickness: 5 g/cm^2
- L (Ladder):
- D (Disk):
- VO (Wedge Oben):
- VU (Wedge Unten):

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

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

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

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

S3 SLITS
- TS4DS3HL (left): ± 20 y
- TS4DS3HR (right):

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

MAGNETS
Field values from Hall probes:
- TS3MU1: .90955
- TS3MU2: .84224
- TS4MU1: .64934
- HFSMU1: .64645

FRS-RATES (counts/spill)
- 10 kHrtz : 77629
- 10 kHrtz veto dT : 76310
- SC21L: 113324
- SC21R: 117023
- SC41L: 884
- SC41R: 878

TA1
- Element : Au / Au
- Thickness : 2mm / 1mm
- Position: either/downstream

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

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

PreSPEC-Rates (Validated/Rejected)
- AGATA : 118 / 1 / 4
- FRS : 170 / 2000
- Ta-ToF-LYCCA : 729
- HECTOR : 1780

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

LN2
- LN2 Last Filling : 01:00 pos 12 time out
- Tank1 Vol. (%) :
- Tank2 Vol. (%) : ✓

* Finger thresholds are being modified starting at 20.00

Exp No. Primary Beam: Date

MBS/file location	**File (first)** **File (last)** -377.lmd	**Start** **Stop**
Narval/file location	**File (first)** **File (last)** AR 31	**Start** **Stop** 9.23pm
Merged(Narval+MBS)/file location	**File (first)** **File (last)** 0105.shared.bcan	**Start** **Stop**

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

COMMENTS: Beam was gone for 20 min **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: 9 sec
- period: 12 sec

FRS setting No.: S426-19

PRIMARY BEAM
- Element: 86Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM: 1.087e9

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: 5 g/cm²
- L (Ladder):
- D (Disk):
- VO (Wedge Oben):
- VU (Wedge Unten):

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

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

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

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

S3 SLITS
- TS4DS3HL (left): ± 20
- TS4DS3HR (right):

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

MAGNETS
Field values from Hall probes:
- TS3MU1: .90945
- TS3MU2: .84224
- TS4MU1: .64534
- HFSMU1: .66665

FRS-RATES (counts/spill)
- 10 kHrtz : 89539
- 10 kHrtz veto dT : 84216
- SC21L: 69681
- SC21R: 71416
- SC41L: 9393
- SC41R: 9476

TA1
- Element : Au / Au
- Thickness : 2mm / 1.4mm
- Position: center / downstream

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

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

PreSPEC-Rates (Validated/Rejected)
- AGATA : 56/472
- FRS : 140 / 1900
- Ta-ToF-LYCCA : 8012
- HECTOR : 1723

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

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

the rates are wrong in this sheet check it!

Check list

Name: Cesar.

Time: 19:40

Agata

- Run number: 31
- Agava requested: 64
- Agava validated: 54
- Screenshot trigger rate + spectrum of time coincidence : ~ (screenshot without the 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: ~~4B~~ 4B → blinking yellow / 01B → Very high rate ~ 14-15K
  - time spectra in go 4 has 1 peak.
  - scaler → no

General

- lmd file nr: 0377
- Beam intensity: ~ 1.1×10^5
- Scaler sc at S4:
- Scaler sc at S2:
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall
- Check in Go4 the triggers: 1, 3, 8, 9, 10

Comments:

4B is not blinking anymore ... (20:20)

Check list

Name:

Time: 10:30

Agata

- Run number: 32
- Agava requested: 382
- Agava validated: 316
- 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: 00B stopped

General

- lmd file nr: 379
- Beam intensity: 9.10^5 (GTS 2DI1P)
- Scaler sc at S4: 180.10^3 ? } In go4 scalers S2 and S4 look the same. We are trying to solve it.
- Scaler sc at S2: 180.10^3 ?
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall ✓
- Check in Go4 the triggers: 1, 3, [redacted], 8, 9, 10

Comments:

Exp No. S426 Primary Beam: 86Kr Date 20.03.2014

MBS/file location	File (first) / File (last)	Start / Stop
/d/rising02/mar_AG_14/data	File (first): 85Brvalex_AG32_0379 / File (last): .lmd	Start 10:30 / Stop

Narval/file location	File (first) / File (last)	Start / Stop
run 32	File (first): / File (last):	Start 10:30 / Stop

Merged(Narval+MBS)/file location	File (first) / File (last)	Start / Stop
	File (first): / File (last):	Start / Stop

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

COMMENTS: sharing 50/50 with biophysics
at 11 pm biophysics is not using beam anymore 40% dead time in spill

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: 8 sec
- period: 12 sec

FRS setting No. S426_19

PRIMARY BEAM
- Element: 86Kr
- SIS energy [MeV/u]: 700
- Intensity-SEETRAM:

PROD. TARGET
TS1ET5HS, TS1ET5VS:
- number: 35
- element: Be
- thickness: 2.511 g

S1 DEGRADER
TS3ED2...
- Thickness: 2 g
- Wedge used: # 1
- O2 (Wedge Oben): -31,25 mm
- V1 (Wedge Unten): -252.7 mm

S2 DEGRADER
TS3ED7...
- Thickness: 5 g
- L (Ladder): -107.7 (out)
- D (Disk): 26,2°
- VO (Wedge Oben): -298.0
- VU (Wedge Unten): -298.0

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 mm
- TS3DS2HR (right): 10 mm

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

S3 SLITS
- TS4DS3HL (left): -20 mm
- TS4DS3HR (right): 20 mm

S4 SLITS
- HFSDS3H (left): -34 mm
- HFSDS3H (right): 35 mm
- Pb Brick (top):
- Pb Brick (bottom):

MAGNETS
Field values from Hall probes:
- TS3MU1: 0.90955
- TS3MU2: 0.34224
- TS4MU1: 0.64334
- HFSMU1: 0.64445

FRS-RATES
(counts/spill)
- 10 kHrtz : 104 k
- 10 kHrtz veto dT : 78 k
- SC21L: 850 k
- SC21R: 825 k
- SC41L: 490 k
- SC41R: 440 k

TA1
- Element : Au + Au
- Thickness : 2 mm & 1 mm
- Position: center & downstream

PreSPEC-Trig/red.
- ☒ Pulser(1) /........
- ☐ LYCCA cal(2)/.....
- ☒ AgataCal(3)/.24..
- ☐ HEC Cal(4)/......
- ☐ FRS from TB(5)/...
- ☐ p+HEC(6)/.......
- ☐ p+Agata(7)/......
- ☒ p+HEC+Lyc(8)/.1..
- ☒ p+Agata+Lyc(9)/...
- ☒ Part-SC41(10)/.28.
- ☒ 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 : 19:30
- Tank1 Vol. (%) : 94%
- Tank2 Vol. (%) : 85%

Exp No. S426 Primary Beam: 86Kr Date 20.03.14, 23:55

MBS/file location /d/risingr/mar_A6_14/data	**File (first)** 86Kr_coulex_A632_0391.lmd **File (last)**	**Start** 10:30 **Stop** 05:15
Narval/file location /agatadisks/data2014/190314_pedrollo_wireland	**File (first)** **File (last)** ar32	**Start** 10:30 **Stop** 05:15
Merged(Narval+MBS)/file location	**File (first)** **File (last)**	**Start** **Stop**

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

M1-Coulex 85Br

COMMENTS: 00:40 1 minute to parasitic user **shift-in-charge** Stahl

00:26 give beam to parasitic user for 1 minute, changed Ringer HV to 850

FRS/BEAMLINE elements

- ☑ SEETRAM
- ☐ SCI-01
- ☑ FRS-TA0
- ☒ S1-degrader
- ☒ S2-degrader
- ☑ SCI-21
- ☐ S4-degrader
- ☒ LYCCA-Start
- ☐ LYCCA-TaStart
- ☒ TA1 ×2
- ☐ TaDSSD

SPILL

spill length: 10s

period: 13s

FRS setting No.

S426_19

PRIMARY BEAM

Element: 86Kr

SIS energy [MeV/u]: 700

Intensity-~~SEETRAM~~: 8504 821

PROD. TARGET

TS1ET5HS, TS1ET5VS:

number: 35

element: Be

thickness: 2.5 mg

S1 DEGRADER

TS3ED2...

Thickness: 2g

Wedge used: #1

O2 (Wedge Oben): -31,25mm

V1 (Wedge Unten): -252,7mm

S2 DEGRADER

TS3ED7...

Thickness: 5g

L (Ladder): -107.7 Coul

D (Disk): 26,2°

VO (Wedge Oben): -298,0

VU (Wedge Unten): -298,0

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: 0,9055

TS3MU2: 0,84224

TS4MU1: 0,64534

HFSMU1: 0,64445

FRS-RATES (counts/spill)

10 kHrtz: 534

10 kHrtz veto dT: 704

SC21L: 778,4

SC21R: 778,4

SC41L: 405,4

SC41R: 405,4

TA1

Element: Au

Thickness: 2 g/cm² + 1 g/cm²

Position: Centre + Forward

PreSPEC-Trig/red.

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

FRS-TRIGGER

- ☐ SCI21
- ☒ SCI41
- ☐ Other:

PreSPEC-Rates (Validated/Rejected)

AGATA :

FRS :

Ta-ToF-LYCCA :

HECTOR :

LYCCA / PIs. check

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

LN2

LN2 Last Filling : 19:45

Tank1 Vol. (%) : 32

Tank2 Vol. (%) : 35

Check list

Name:

Time: 23:57

Agata

- Run number: 32
- Agava requested: 2 248
- Agava validated: 1 984
- 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: 00B stopped

General

- lmd file nr: 392
- Beam intensity: $8,6 \cdot 10^5$ (GTS 2 DI 1P)
- Scaler sc at S4: $401 \cdot 10^3$
- Scaler sc at S2: $772 \cdot 10^3$ } looked at scalers, in go4 is still the same value for both ($180 \cdot 10^3$
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall ✓
- Check in Go4 the triggers: 1, 3, 8, 9, 10

Comments:

Check list

Name:

Time: 2 :09

Agata

- Run number: 32
- Agava requested: 1886
- Agava validated: 1582
- 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: 00B stopped

General

- lmd file nr: 413
- Beam intensity: 9,3.10^5 (GTS2DI 1P)
- Scaler sc at S4: 450.10^3 } at scalers
- Scaler sc at S2: 910.10^3 }
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall ✓
- Check in Go4 the triggers: 1, 3, 8, 9, 10

Comments:

Check list

Name:

Time: 4:18

Agata

- Run number: 32
- Agava requested: 2010
- Agava validated: 1304
- 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: 00B stopped

General

- lmd file nr: 434
- Beam intensity: $8 \cdot 10^5$ (GTS2DI1P)
- Scaler sc at S4: $360 \cdot 10^3$ } at scalers
- Scaler sc at S2: $740 \cdot 10^3$ }
- Check in Go4 all the spectra of the list* :
- Check in Go4 the hit pattern of the Wall ✓
- Check in Go4 the triggers: 1, 3, 8, 9, 10

Comments: The GUI says:
"Global Status & Control → stopped", since the begining of the run 32
We checked the spectra and data and it was ok, so we left like that