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| | |
|-------------------|-----------------------------------|
| Experiment Date: | 2020 06 30 |
| Duration (Days): | 2 |
| User: | M. Barac, Z. Siketic |
| Accelerator: | Tandatron |
| Beam Line: | Old uProbe |
| Project: | RADIATE JRA (H2020 projekt) |
| Experiment Title: | LE MeV SIMS hybrid sample imaging |
| Beam: | 555 keV Cu2+, 5 MeV Si4+ |
| Method: | MeV SIMS |

SETUP:

Me = 90.2; Ox = 91.8 (triplet)

x = 10; y = 2.5

SS: 5x1 (400 x 400 um2)

V_chopper = +-500 V

V_ext = +5 kV

V_det = -5 kV

| file | sample | beam | notes |
|----------------------------------|--------------|--------------|--|
| 2006100 | Co + leucine | 5 MeV Si4+ | I = 17 kHz |
| 2006101 | -//- | | |
| 2006102 | Sn + leucine | 5 MeV Si4+ | |
| 2006103 | Cr + leucine | 5 MeV Si4+ | |
| 2006104 | Si + leucine | 5 MeV Si4+ | |
| Me = 90.6; Ox = 92.1; I = 53 kHz | | | |
| 2006105 | Co + leucine | 5 MeV Si4+ | ang = 3.5° |
| 2006106 | Co + leucine | 5 MeV Si4+ | ang + 1° |
| 2006107 | Co + leucine | 5 MeV Si4+ | ang + 2° |
| 2006108 | Co + leucine | 5 MeV Si4+ | ang - 1° |
| 2006109 | Co + leucine | 5 MeV Si4+ | ang - 2° I = 54.5 kHz |
| 2006110 | Co + leucine | 555 keV Cu2+ | V_chopper = +-200 V I_before = 2 kHz I_after = 0.6 kHz |
| 2006111 | Sn + leucine | 555 keV Cu2+ | I = 1.2 kHz |
| 2006112 | Cr + leucine | 555 keV Cu2+ | |
| 2006113 | Si + leucine | 555 keV Cu2+ | |
| 2006114 | Co + leucine | 555 keV Cu2+ | SS: 3x1 I = 1.4 kHz ang = 1.5° |
| 2006115 | Co + leucine | 555 keV Cu2+ | ang + 1° |
| 2006116 | Co + leucine | 555 keV Cu2+ | ang + 2° |
| 2006117 | Co + leucine | 555 keV Cu2+ | ang + 3° |
| 2006118 | Co + leucine | 555 keV Cu2+ | ang + 4° |