

| 2305Kr                              |                                    | 84Kr31+ 70MeV/u AVF_18G max 1pnA |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|-------------------------------------|------------------------------------|----------------------------------|--|--|--------------|----------------|-----|-----|----|---|---|---|------|-----|-----|--------|-----|-----|----|-----|------|------|-----|
| Run Summary Sheet : CAMAC & LabView |                                    |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| Fname                               | start                              | stop                             | Header   | Ender / Lc                                 | Elapse       | コメント           | Att | 100 | 10 | 5 | 3 | 2 | Trig | Wob | AuF | Kap    | IC1 | PL1 | ED | PL2 | Air1 | Air2 |     |
| bef-                                | 実験前                                |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 無し                                 |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 実験中:Beam調整時                        |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| 23/05/24                            | ZnSスポット調整                          |                                  |  | p.153                                      |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| Cap                                 | 1                                  | 4:59:00                          | Cap01 ZnS Zslide   |  | mpg          | Spot確認         | 0   | 3   | 0  | 0 | 0 |   |      |     |     | 50uΦ50 |     |     |    |     |      | 145  | 200 |
|                                     | 2                                  | 5:01:00                          | Cap02_Qdef   |  |              | Qdef at 散乱槽ZnS | 同上  |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 3                                  | 5:09:00                          | Cap03 WobR38,Au73  |  |              | 本番用Spot確認      | 0   | 2   | 1  | 0 | 0 |   |      |     |     |        |     |     |    |     |      |      |     |
| MaxBeam                             |                                    |                                  | ※ Att 読めない MyDAQ2 停止中 → 内山さんに再起動してもらう<br>Xsld, C1m の台板を交換  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | Gaf焼き(1)                           |                                  | Gaf: EBT3 □85x85mm @ Ysld  | p.153                                      |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     |                                    |                                  | ※Att vs 今回はIC1有で、OD値studyだけなので。  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| Gaf                                 | 1                                  | 6:20:00                          | Au45 R=0 + 以下全てZnS入りだった  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 2                                  |                                  | Au45 R=36  |  |              | 30sec          | 0   | 4   | 0  | 0 | 0 |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 3                                  |                                  | 同上   |  |              | 40sec          |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 4                                  |                                  | 同上   |  |              | 20sec          | 0   | 4   | 0  | 0 | 0 |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 5                                  |                                  | 同上   |  |              | 80sec          |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 6                                  |                                  | 同上   |  |              | 120sec         |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     |                                    |                                  | 同上   |  |              | 60sec          |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 回路調整:PL1                           |                                  |  | p.154                                      |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 6:55:00                            |                                  | PL1=100u#1 (EJ212 new 本番用)<br>PL2=100u#2 (EJ212 new 次回用)<br>(決定) HV PL1=1100V<br>(決定) Thr PL1= -40.8mV(ring ~10mV), PL1peak= -300~350mV<br>PL1flow = -170mV(~1/2peak)            |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| plhv01-                             | 1                                  | 7:13:48                          | 7:14:14  | plhv01-01 PL1=100um#1 PL2=100um#2 800,800V |              | 0:00:26        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 2                                  | 7:16:56                          | 7:17:23  | PLHV01-02 900,900V                         |              | 0:00:27        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 3                                  | 7:18:56                          | 7:19:22  | PLHV01-03 1000,1000V                       |              | 0:00:26        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 4                                  | 7:20:04                          | 7:21:54  | PL01-04 1100,1100V                         |              | 0:01:50        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 5                                  | 7:22:29                          | 7:22:52  | PL01-05 1100,1100V                         |              | 0:00:23        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 6                                  | 7:23:18                          | 7:23:47  | PL01-06 1200,1200V                         |              | 0:00:23        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | sonEDic (1): ExpR 確認               |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 7:30:00                            |                                  | 7:30:00  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDic01_202305250732              | 7:32:00                            |                                  | 7:37:00  | ラフスキャン 20s x 15点                           | p.154        | 0:05:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDic02_202305250738              | 7:38:00                            |                                  | 7:58:00  | 本番 20s x 35/70点                            |              | 0:20:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     |                                    |                                  | ダメージZnS入っていた!<br>※ 前回より~20um 浅い! 原因究明に時間がかかった。ZnSは、Gaf焼きの時から入りっぱなしだった。→ 次2305Krの際、ZnS焦げていることを確認した。   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDic03_202305250807              | 8:07:00                            |                                  | 8:30:00  | 今度こそ本番 20s x 42/70点                        |              | 0:23:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     |                                    |                                  | ※時間が無いので、PL無し sonEDic は、利用後に測定とする。<br>(決定) ExpR= 1035um 24.5C 1021.0hPa E=89.16AMeV<br>(前回)2301Kr 105um より 15um 浅い   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | scnAtt: IC1 vs PL1                 |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| scnAtt01_202305250836               | 8:36:00                            |                                  | 8:55:00  | Step = 1/2, /4, /6, /8, /10                | p.155        | 0:19:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| scnAtt01-                           | 1                                  | 8:37:05                          | 8:37:36  | scanAtt001 Mul 1000                        |              | 0:00:31        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 18                                 | 8:54:43                          | 8:55:15  | scanAtt018 Mul 800000                      |              | 0:00:32        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | scnEDssd:無し 時間切れ                   |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| 23/05/25                            | 8:53                               |                                  | ビーム調整終了  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| 23/05/25                            | 9:50                               |                                  | (P02-1)利用スタート  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| 23/05/26                            | 7:05                               |                                  | 利用終了   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| 23/05/26                            | 11:20                              |                                  | (H04-1)利用スタート  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| 23/05/26                            | 19:55                              |                                  | 利用終了   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| 23/05/26                            | 21:05                              |                                  | (P02-2)利用スタート  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| 23/05/27                            | 15:05                              |                                  | 利用終了   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 利用後測定                              |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| plhv02-                             | PL HV: 利用「後」(1)                    |                                  |  | p.164                                      |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 1                                  | 16:56:00                         | 16:56:29   | plhv02-01 aft 800V PL2nashi                |              | 0:00:29        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 2                                  | 16:56:54                         | 16:57:30   | plhv02-02 900V                             |              | 0:00:36        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 3                                  | 16:57:54                         | 16:58:45   | plhv02-03 1000V                            |              | 0:00:51        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 4                                  | 16:59:18                         | 17:01:40   | plhv02-04 1100V ope-HV                     |              | 0:02:22        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 5                                  | 17:02:15                         | 17:03:37   | plhv02-05 1200V                            |              | 0:01:22        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 6                                  | 17:04:21                         | 17:05:37   | plhv02-06 1300V                            |              | 0:01:16        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 7                                  | 17:06:04                         | 17:07:21   | plhv02-07 1400V                            |              | 0:01:17        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | Gaf焼き(2)                           |                                  | Gaf: EBT3 □85x85mm @ Ysld  | p.164                                      |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     |                                    |                                  | ※Att vs 今回はIC1有で、OD値studyだけなので。  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| Gaf                                 | 11                                 | 17:15:00                         |  | Au45 R=0 (ZnS入っていない)                       |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 12                                 |                                  |  | 同上   |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 13                                 |                                  |  | 同上   |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     |                                    |                                  | E5入: 120sec で Gauss中心がサチっているように見える   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 14                                 | 17:35:00                         |  | Au45 R=36                                  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 15                                 |                                  |  | 同上   |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 16                                 |                                  |  | 同上   |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | scnEDic(2): ExpR 変化 PL1, PL2厚 測定   |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 18:00:00                           |                                  | 18:00:00   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDic11_202305271804              | 18:04:00                           |                                  | 18:22:00   | PL100u#1 再現性チェック                           | p.165        | 0:18:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDic12_202305271830              | 18:30:00                           |                                  | 18:46:00   | PL100u#2 の厚さ測定(比較用、次回用も兼ねて)                |              | 0:16:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     |                                    |                                  | ※ #1 より、ビミョーに厚め  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDic13_202305271855              | 18:55:00                           |                                  | 19:21:00   | PL無し AlMylar蓋光Boxのみ: Gaf台に取り付け             |              | 0:26:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     |                                    |                                  | ※ PL100u無しで、60um程深くなった   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | scnEDssd:SSD テスト 新品2個、交換品1個、その他在庫品 |                                  |  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDssd11_202305272016             | 20:16:00                           |                                  | 20:26:00   | ゴミ   | p.166        | 0:10:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDssd11-                         |                                    |                                  | 2連x2: コリΦ5 遮光 AyMy 2.5um<br>200新-2000, 500新-2000um: 新規購入品のテスト<br>Sel# 23004516新, 20-195D, 23010089新, 20-195E<br>HV(uA): 180だが130以上でBL不安定(1.85) 400(3.65), 230定格(4.95), 400(5.63) |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 1                                  | 20:16:56                         | 20:17:56   | scanED001 0.0 um 0000000000000             | ref)p146,152 | 0:01:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 8                                  | 20:25:33                         | 20:26:35   | scanED008 422.4 um 00000011110100          |              | 0:01:02        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDssd12_202305272027             | 20:27:00                           |                                  | 20:50:00   | 60s x 19点: 同上 再トライ                         |              | 0:23:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDssd12-                         |                                    |                                  | 新規購入品 200, 500um テスト<br>同上   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 1                                  | 20:27:46                         | 20:28:46   | scanED001 0.0 um 0000000000000             |              | 0:01:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     | 19                                 | 20:50:04                         | 20:51:04   | scanED019 946.7 um 0001011111001           |              | 0:01:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
|                                     |                                    |                                  | ※ 200u新: PH高い側に tailあり、これでもHV高いのか?<br>※ 500u新: 2山がはっきり見える。ヒドイ...   |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDssd13_202305272123             | 21:23:00                           |                                  | 21:45:00   | 60s x 17/27点                               | p.166        | 0:22:00        |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |
| sonEDssd13-                         |                                    |                                  | 2連x2: コリΦ5 遮光 AyMy 2.5um 同上 で Sor 300cps<br>700代替-2000, 100-100um: 代替品のテスト<br>Sel# 22152551代替 23-535D, 外φ20.20mm2 テスト2回目 27-054F, 27-054G  |  |              |                |     |     |    |   |   |   |      |     |     |        |     |     |    |     |      |      |     |

| 2305Kr                              |          |          | 84Kr31+ 70MeV/u AVF_18G max 1p1A                   |            |         |  |              |      |     |     |     |     |     |    |     |      |      |  |
|-------------------------------------|----------|----------|--|------------|---------|--|--------------|------|-----|-----|-----|-----|-----|----|-----|------|------|--|
| Run Summary Sheet : CAMAC & LabView |          |          |  |            |         |  |              |      |     |     |     |     |     |    |     |      |      |  |
| Fname                               | start    | stop     | Header   | Ender / Lc | Elapse  | コメント   | Att          | Trig | Wob | AuF | Kap | IC1 | PL1 | ED | PL2 | Air1 | Air2 |  |
| 1                                   | 21:24:14 | 21:25:16 | scanED001 0.0 um 0000000000000                     |            | 0:01:02 | HV(uA): 定格120(1.72), 380(2.63), 40(4.93), 40(3.14)<br>TFA: 同上 SA all 0.5u; all x20x7.0 Att: 16, 2, 0, 0<br>※700u代替: 1山で綺麗 25mm2 100um 太い | 100 10 5 3 2 |      |     |     |     |     |     |    |     |      |      |  |
| 17                                  | 21:44:08 | 21:45:08 | scanED017 753.9 um 00000111001011                  |            | 0:01:00 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| sonEDssd14_202305272210             | 22:10:00 | 22:26:00 | 60s x 14点<br>外φ32 200mm2 テスト                       | p.167      | 0:16:00 | 4連: コリΦ10 遮光 AyMy 2.5um 同上<br>200mm2: 50-50, 50-30um<br>Sel# 19-625A, 19-568B, 19-613B, 21-554A  |              |      |     |     |     |     |     |    |     |      |      |  |
| sonEDssd14-                         | 22:10:57 | 22:11:57 | scanED001 0.0 um 0000000000000<br>sA1 Att 足らない     |            | 0:01:00 | HV(uA): 20(3.34), 20(1.89), 20(5.47), 5VでもOvrVolt<br>TFA: 同上 SA(Att) 同上で x100(0), x100(0), x100(0), x200(0)                              |              |      |     |     |     |     |     |    |     |      |      |  |
| 13                                  | 22:25:48 | 22:26:48 | scanED013 944.8 um 0000011111010                   |            | 0:01:00 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| sonEDssd15_202305272228             | 22:33:00 | 22:41:00 | 同上: ゴミ sA1: Att 4dB まだ足らない                         | p.167      | 0:08:00 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| sonEDssd16_202305272233             | 22:33:50 | 22:34:12 | 20s x 14点 20secで再トライ<br>同上 sA1: Att 8dB で再トライ      |            | 0:00:22 | SA(Att) 同上で x100(8), x100(0), x100(0), x200(0)<br>※ sA1,A2,B1 : OK B2 HVかからない  |              |      |     |     |     |     |     |    |     |      |      |  |
| 13                                  | 22:40:49 | 22:41:09 | scanED013 944.8 um 0000011111010<br>※ AVF 水漏れ 警報あり |            | 0:00:20 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| plhv13-                             | 23:00:19 | 23:01:01 | PL HV: 利用「後(2)」                                    | p.168      | 0:00:42 | PL100u#1 更に重照射後で<br>PL1 PHはあまり変化なし → いずれにせよ次回要交換<br>PL2 太い! ?<br>→ ※ PL2測定の際は 緑レーザーを消しましょう!  |              |      |     |     |     |     |     |    |     |      |      |  |
| 1                                   | 23:01:45 | 23:02:36 | plhv03-02 1000V                                    |            | 0:00:51 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| 2                                   | 23:03:21 | 23:04:32 | plhv03-03 1100V                                    |            | 0:01:11 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| 3                                   | 23:05:19 | 23:06:27 | plhv03-04 1200V                                    |            | 0:01:08 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| 4                                   | 23:07:05 | 23:08:06 | plhv03-05 1300V                                    |            | 0:01:01 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| 5                                   | 23:08:49 | 23:09:28 | plhv03-06 1400V                                    |            | 0:00:39 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| 6                                   | 17:06:04 | 17:07:21 | plhv02-07 1400V                                    |            | 0:01:17 |  |              |      |     |     |     |     |     |    |     |      |      |  |
| plhv14-                             | 23:11:48 | 23:12:29 | plhv04-01 1100V Trig=PL nomi                       |            | 0:00:41 | 1100V で再測定   |              |      |     |     |     |     |     |    |     |      |      |  |
| 23/05/27                            | 無し       | 23:12    | MT終了   |            |         |  |              |      |     |     |     |     |     |    |     |      |      |  |
| 23/05/25                            | 無し       | 20:58:00 | 加速器E測定: 小山<br>E(Kr) = 89.16 MeV/u                  | p.156      |         | P02-1 利用中に測定   |              |      |     |     |     |     |     |    |     |      |      |  |

| 2305Kr               |    |                         |          |           |  |                   |
|----------------------|----|-------------------------|----------|-----------|--|-------------------|
| blm1 : CAMAC Run Log |    |                         |          |           |  |                   |
|                      |    | HowTo) > ./prinfoAll.sh |          | raw~exp/  |  |                   |
| plhv01-              | 1  | 7:13:48                 | 7:14:14  | 2023/5/25 | plhv01-01 PL1=100um#1 PL2=100u               | e                 |
| plhv01-              | 2  | 7:16:56                 | 7:17:23  | 2023/5/25 | PLHV01-02 900,900V                           |                   |
| plhv01-              | 3  | 7:18:56                 | 7:19:22  | 2023/5/25 | PLHV01-03 1000,1000V                         |                   |
| plhv01-              | 4  | 7:20:04                 | 7:21:54  | 2023/5/25 | PL01-04 1100,1100V                           |                   |
| plhv01-              | 5  | 7:22:29                 | 7:22:52  | 2023/5/25 | PL01-05 1100,1100V                           |                   |
| plhv01-              | 6  | 7:23:18                 | 7:23:47  | 2023/5/25 | PL01-06 1200,1200V                           |                   |
| plhv02-              | 1  | 16:56:00                | 16:56:29 | 2023/5/27 | plhv02-01 aft 800V PL2nashi                  | e                 |
| plhv02-              | 2  | 16:56:54                | 16:57:30 | 2023/5/27 | plhv02-02 900V                               | e                 |
| plhv02-              | 3  | 16:57:54                | 16:58:45 | 2023/5/27 | plhv02-03 1000V                              | e                 |
| plhv02-              | 4  | 16:59:18                | 17:01:40 | 2023/5/27 | plhv02-04 1100V ope-HV                       | e                 |
| plhv02-              | 5  | 17:02:15                | 17:03:37 | 2023/5/27 | plhv02-05 1200V                              | e                 |
| plhv02-              | 6  | 17:04:21                | 17:05:37 | 2023/5/27 | plhv02-06 1300V                              | e                 |
| plhv02-              | 7  | 17:06:04                | 17:07:21 | 2023/5/27 | plhv02-07 1400V                              | e                 |
| plhv03-              | 1  | 23:00:19                | 23:01:01 | 2023/5/27 | plhv03-01 900V PL100um#1 PL100               | e                 |
| plhv03-              | 2  | 23:01:45                | 23:02:36 | 2023/5/27 | plhv03-02 1000V                              | e                 |
| plhv03-              | 3  | 23:03:21                | 23:04:32 | 2023/5/27 | plhv03-03 1100V                              | e                 |
| plhv03-              | 4  | 23:05:19                | 23:06:27 | 2023/5/27 | plhv03-04 1200V                              | e                 |
| plhv03-              | 5  | 23:07:05                | 23:08:06 | 2023/5/27 | plhv03-05 1300V                              | e                 |
| plhv03-              | 6  | 23:08:49                | 23:09:28 | 2023/5/27 | plhv03-06 1400V                              | e                 |
| plhv04-              | 1  | 23:11:48                | 23:12:29 | 2023/5/27 | plhv04-01 1100V Trig=PL nomi                 | yahari futoi      |
| scnAtt01-            | 1  | 8:37:05                 | 8:37:36  | 2023/5/25 | scanAtt001 Mul 1000                          | scnAtt Run001 end |
| scnAtt01-            | 2  | 8:38:34                 | 8:39:08  | 2023/5/25 | scanAtt002 Mul 2000                          | scnAtt Run002 end |
| scnAtt01-            | 3  | 8:39:37                 | 8:40:09  | 2023/5/25 | scanAtt003 Mul 3000                          | scnAtt Run003 end |
| scnAtt01-            | 4  | 8:40:40                 | 8:41:13  | 2023/5/25 | scanAtt004 Mul 4000                          | scnAtt Run004 end |
| scnAtt01-            | 5  | 8:41:44                 | 8:42:18  | 2023/5/25 | scanAtt005 Mul 6000                          | scnAtt Run005 end |
| scnAtt01-            | 6  | 8:42:53                 | 8:43:25  | 2023/5/25 | scanAtt006 Mul 8000                          | scnAtt Run006 end |
| scnAtt01-            | 7  | 8:44:00                 | 8:44:34  | 2023/5/25 | scanAtt007 Mul 10000                         | scnAtt Run007 end |
| scnAtt01-            | 8  | 8:45:02                 | 8:45:36  | 2023/5/25 | scanAtt008 Mul 20000                         | scnAtt Run008 end |
| scnAtt01-            | 9  | 8:45:55                 | 8:46:29  | 2023/5/25 | scanAtt009 Mul 30000                         | scnAtt Run009 end |
| scnAtt01-            | 10 | 8:46:58                 | 8:47:28  | 2023/5/25 | scanAtt010 Mul 40000                         | scnAtt Run010 end |
| scnAtt01-            | 11 | 8:47:51                 | 8:48:25  | 2023/5/25 | scanAtt011 Mul 60000                         | scnAtt Run011 end |
| scnAtt01-            | 12 | 8:48:52                 | 8:49:24  | 2023/5/25 | scanAtt012 Mul 80000                         | scnAtt Run012 end |
| scnAtt01-            | 13 | 8:49:57                 | 8:50:31  | 2023/5/25 | scanAtt013 Mul 100000                        | scnAtt Run013 end |
| scnAtt01-            | 14 | 8:51:06                 | 8:51:38  | 2023/5/25 | scanAtt014 Mul 200000                        | scnAtt Run014 end |
| scnAtt01-            | 15 | 8:52:03                 | 8:52:35  | 2023/5/25 | scanAtt015 Mul 300000                        | scnAtt Run015 end |
| scnAtt01-            | 16 | 8:52:56                 | 8:53:28  | 2023/5/25 | scanAtt016 Mul 400000                        | scnAtt Run016 end |
| scnAtt01-            | 17 | 8:53:50                 | 8:54:22  | 2023/5/25 | scanAtt017 Mul 600000                        | scnAtt Run017 end |
| scnAtt01-            | 18 | 8:54:43                 | 8:55:15  | 2023/5/25 | scanAtt018 Mul 800000                        | scnAtt Run018 end |
| scnEDssd11-          | 1  | 20:16:56                | 20:17:56 | 2023/5/27 | scanED001 0.0 um 000000000000(ssdRun001 end  |                   |
| scnEDssd11-          | 2  | 20:18:09                | 20:19:09 | 2023/5/27 | scanED002 48.6 um 00000000010(ssdRun002 end  |                   |
| scnEDssd11-          | 3  | 20:19:23                | 20:20:23 | 2023/5/27 | scanED003 125.3 um 00000000101(ssdRun003 end |                   |
| scnEDssd11-          | 4  | 20:20:36                | 20:21:36 | 2023/5/27 | scanED004 196.4 um 0000001000(ssdRun004 end  |                   |
| scnEDssd11-          | 5  | 20:21:50                | 20:22:52 | 2023/5/27 | scanED005 257.8 um 0000001001(ssdRun005 end  |                   |
| scnEDssd11-          | 6  | 20:23:06                | 20:24:08 | 2023/5/27 | scanED006 321.6 um 0000001010(ssdRun006 end  |                   |
| scnEDssd11-          | 7  | 20:24:21                | 20:25:19 | 2023/5/27 | scanED007 383.0 um 0000001011(ssdRun007 end  |                   |
| scnEDssd11-          | 8  | 20:25:33                | 20:26:35 | 2023/5/27 | scanED008 422.4 um 0000001110(ssdRun008 end  |                   |
| scnEDssd12-          | 1  | 20:27:46                | 20:28:46 | 2023/5/27 | scanED001 0.0 um 000000000000(ssdRun001 end  |                   |
| scnEDssd12-          | 2  | 20:28:59                | 20:30:03 | 2023/5/27 | scanED002 48.6 um 00000000010(ssdRun002 end  |                   |
| scnEDssd12-          | 3  | 20:30:18                | 20:31:20 | 2023/5/27 | scanED003 125.3 um 00000000101(ssdRun003 end |                   |
| scnEDssd12-          | 4  | 20:31:33                | 20:32:33 | 2023/5/27 | scanED004 196.4 um 0000001000(ssdRun004 end  |                   |
| scnEDssd12-          | 5  | 20:32:47                | 20:33:47 | 2023/5/27 | scanED005 257.8 um 0000001001(ssdRun005 end  |                   |
| scnEDssd12-          | 6  | 20:34:00                | 20:35:00 | 2023/5/27 | scanED006 321.6 um 0000001010(ssdRun006 end  |                   |
| scnEDssd12-          | 7  | 20:35:14                | 20:36:16 | 2023/5/27 | scanED007 383.0 um 0000001011(ssdRun007 end  |                   |
| scnEDssd12-          | 8  | 20:36:29                | 20:37:29 | 2023/5/27 | scanED008 422.4 um 0000001110(ssdRun008 end  |                   |
| scnEDssd12-          | 9  | 20:37:43                | 20:38:43 | 2023/5/27 | scanED009 446.0 um 0000001111(ssdRun009 end  |                   |
| scnEDssd12-          | 10 | 20:38:56                | 20:39:56 | 2023/5/27 | scanED010 503.2 um 0001010000(ssdRun010 end  |                   |
| scnEDssd12-          | 11 | 20:40:10                | 20:41:12 | 2023/5/27 | scanED011 572.4 um 0000010001(ssdRun011 end  |                   |
| scnEDssd12-          | 12 | 20:41:25                | 20:42:25 | 2023/5/27 | scanED012 647.6 um 0000010011(ssdRun012 end  |                   |
| scnEDssd12-          | 13 | 20:42:39                | 20:43:39 | 2023/5/27 | scanED013 699.8 um 0000010110(ssdRun013 end  |                   |
| scnEDssd12-          | 14 | 20:43:53                | 20:44:53 | 2023/5/27 | scanED014 730.9 um 0000011001(ssdRun014 end  |                   |
| scnEDssd12-          | 15 | 20:45:06                | 20:46:08 | 2023/5/27 | scanED015 768.8 um 0000011001(ssdRun015 end  |                   |
| scnEDssd12-          | 16 | 20:46:22                | 20:47:24 | 2023/5/27 | scanED016 782.6 um 0000011010(ssdRun016 end  |                   |
| scnEDssd12-          | 17 | 20:47:37                | 20:48:37 | 2023/5/27 | scanED017 831.2 um 0000011011(ssdRun017 end  |                   |
| scnEDssd12-          | 18 | 20:48:51                | 20:49:51 | 2023/5/27 | scanED018 883.4 um 0000011110(ssdRun018 end  |                   |

|             |    |          |          |           |           |          |              |               |
|-------------|----|----------|----------|-----------|-----------|----------|--------------|---------------|
| scnEDssd12- | 19 | 20:50:04 | 20:51:04 | 2023/5/27 | scanED019 | 946.7 um | 000101111111 | ssdRun019 end |
| scnEDssd13- | 1  | 21:24:14 | 21:25:16 | 2023/5/27 | scanED001 | 0.0 um   | 000000000000 | ssdRun001 end |
| scnEDssd13- | 2  | 21:25:30 | 21:26:32 | 2023/5/27 | scanED002 | 86.4 um  | 000000000111 | ssdRun002 end |
| scnEDssd13- | 3  | 21:26:45 | 21:27:47 | 2023/5/27 | scanED003 | 125.8 um | 000000010011 | ssdRun003 end |
| scnEDssd13- | 4  | 21:28:01 | 21:29:01 | 2023/5/27 | scanED004 | 162.2 um | 000000010101 | ssdRun004 end |
| scnEDssd13- | 5  | 21:29:14 | 21:30:14 | 2023/5/27 | scanED005 | 196.4 um | 000000100001 | ssdRun005 end |
| scnEDssd13- | 6  | 21:30:28 | 21:31:30 | 2023/5/27 | scanED006 | 234.2 um | 000000100011 | ssdRun006 end |
| scnEDssd13- | 7  | 21:31:44 | 21:32:46 | 2023/5/27 | scanED007 | 262.4 um | 000000011111 | ssdRun007 end |
| scnEDssd13- | 8  | 21:32:59 | 21:33:59 | 2023/5/27 | scanED008 | 284.9 um | 000000011111 | ssdRun008 end |
| scnEDssd13- | 9  | 21:34:13 | 21:35:13 | 2023/5/27 | scanED009 | 313.9 um | 000100101010 | ssdRun009 end |
| scnEDssd13- | 10 | 21:35:26 | 21:36:26 | 2023/5/27 | scanED010 | 331.8 um | 000000101010 | ssdRun010 end |
| scnEDssd13- | 11 | 21:36:40 | 21:37:42 | 2023/5/27 | scanED011 | 569.8 um | 000001000011 | ssdRun011 end |
| scnEDssd13- | 12 | 21:37:55 | 21:38:57 | 2023/5/27 | scanED012 | 634.8 um | 000001001111 | ssdRun012 end |
| scnEDssd13- | 13 | 21:39:11 | 21:40:11 | 2023/5/27 | scanED013 | 682.3 um | 000001100001 | ssdRun013 end |
| scnEDssd13- | 14 | 21:40:24 | 21:41:29 | 2023/5/27 | scanED014 | 712.0 um | 000001011010 | ssdRun014 end |
| scnEDssd13- | 15 | 21:41:43 | 21:42:43 | 2023/5/27 | scanED015 | 730.9 um | 000001100101 | ssdRun015 end |
| scnEDssd13- | 16 | 21:42:56 | 21:43:54 | 2023/5/27 | scanED016 | 745.8 um | 000001011111 | ssdRun016 end |
| scnEDssd13- | 17 | 21:44:08 | 21:45:08 | 2023/5/27 | scanED017 | 753.9 um | 000001100101 | ssdRun017 end |
| scnEDssd14- | 1  | 22:10:57 | 22:11:57 | 2023/5/27 | scanED001 | 0.0 um   | 000000000000 | ssdRun001 end |
| scnEDssd14- | 2  | 22:12:11 | 22:13:13 | 2023/5/27 | scanED002 | 586.2 um | 000001001010 | ssdRun002 end |
| scnEDssd14- | 3  | 22:13:26 | 22:14:28 | 2023/5/27 | scanED003 | 699.8 um | 000001011010 | ssdRun003 end |
| scnEDssd14- | 4  | 22:14:42 | 22:15:42 | 2023/5/27 | scanED004 | 750.3 um | 000101011111 | ssdRun004 end |
| scnEDssd14- | 5  | 22:15:55 | 22:16:57 | 2023/5/27 | scanED005 | 782.6 um | 000001101010 | ssdRun005 end |
| scnEDssd14- | 6  | 22:17:11 | 22:18:11 | 2023/5/27 | scanED006 | 817.8 um | 000001101010 | ssdRun006 end |
| scnEDssd14- | 7  | 22:18:24 | 22:19:22 | 2023/5/27 | scanED007 | 841.4 um | 000001101111 | ssdRun007 end |
| scnEDssd14- | 8  | 22:19:36 | 22:20:36 | 2023/5/27 | scanED008 | 854.2 um | 000001101111 | ssdRun008 end |
| scnEDssd14- | 9  | 22:20:49 | 22:21:51 | 2023/5/27 | scanED009 | 866.4 um | 000001101111 | ssdRun009 end |
| scnEDssd14- | 10 | 22:22:05 | 22:23:07 | 2023/5/27 | scanED010 | 887.9 um | 000101111101 | ssdRun010 end |
| scnEDssd14- | 11 | 22:23:21 | 22:24:21 | 2023/5/27 | scanED011 | 908.4 um | 000001111101 | ssdRun011 end |
| scnEDssd14- | 12 | 22:24:34 | 22:25:34 | 2023/5/27 | scanED012 | 923.1 um | 000101111101 | ssdRun012 end |
| scnEDssd14- | 13 | 22:25:48 | 22:26:48 | 2023/5/27 | scanED013 | 944.8 um | 000001111111 | ssdRun013 end |
| scnEDssd15- | 1  | 22:29:09 | 22:29:29 | 2023/5/27 | scanED001 | 0.0 um   | 000000000000 | ssdRun001 end |
| scnEDssd15- | 2  | 22:29:43 | 22:30:03 | 2023/5/27 | scanED002 | 586.2 um | 000001001010 | ssdRun002 end |
| scnEDssd15- | 3  | 22:30:16 | 22:30:36 | 2023/5/27 | scanED003 | 699.8 um | 000001011010 | ssdRun003 end |
| scnEDssd15- | 4  | 22:30:50 | 22:31:12 | 2023/5/27 | scanED004 | 750.3 um | 000101011111 | ssdRun004 end |
| scnEDssd15- | 5  | 22:31:25 | 22:31:45 | 2023/5/27 | scanED005 | 782.6 um | 000001101010 | ssdRun005 end |
| scnEDssd15- | 6  | 22:31:59 | 22:32:28 | 2023/5/27 | scanED006 | 817.8 um | 000001101010 | ssdRun006 end |
| scnEDssd16- | 1  | 22:33:50 | 22:34:12 | 2023/5/27 | scanED001 | 0.0 um   | 000000000000 | ssdRun001 end |
| scnEDssd16- | 2  | 22:34:25 | 22:34:45 | 2023/5/27 | scanED002 | 586.2 um | 000001001010 | ssdRun002 end |
| scnEDssd16- | 3  | 22:34:58 | 22:35:18 | 2023/5/27 | scanED003 | 699.8 um | 000001011010 | ssdRun003 end |
| scnEDssd16- | 4  | 22:35:32 | 22:35:54 | 2023/5/27 | scanED004 | 750.3 um | 000101011111 | ssdRun004 end |
| scnEDssd16- | 5  | 22:36:08 | 22:36:35 | 2023/5/27 | scanED005 | 782.6 um | 000001101010 | ssdRun005 end |
| scnEDssd16- | 6  | 22:36:48 | 22:37:10 | 2023/5/27 | scanED006 | 817.8 um | 000001101010 | ssdRun006 end |
| scnEDssd16- | 7  | 22:37:24 | 22:37:46 | 2023/5/27 | scanED007 | 841.4 um | 000001101111 | ssdRun007 end |
| scnEDssd16- | 8  | 22:37:59 | 22:38:19 | 2023/5/27 | scanED008 | 854.2 um | 000001101111 | ssdRun008 end |
| scnEDssd16- | 9  | 22:38:33 | 22:38:53 | 2023/5/27 | scanED009 | 866.4 um | 000001101111 | ssdRun009 end |
| scnEDssd16- | 10 | 22:39:06 | 22:39:26 | 2023/5/27 | scanED010 | 887.9 um | 000101111101 | ssdRun010 end |
| scnEDssd16- | 11 | 22:39:40 | 22:40:02 | 2023/5/27 | scanED011 | 908.4 um | 000001111101 | ssdRun011 end |
| scnEDssd16- | 12 | 22:40:15 | 22:40:35 | 2023/5/27 | scanED012 | 923.1 um | 000101111101 | ssdRun012 end |
| scnEDssd16- | 13 | 22:40:49 | 22:41:09 | 2023/5/27 | scanED013 | 944.8 um | 000001111111 | ssdRun013 end |