

| 2312Ar                              |              |          |                   | 40Ar17+ 95MeV/u AVF_18G max IpnA |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|-------------------------------------|--------------|----------|-------------------|----------------------------------|--------|----------------------------|---------|-----|----|---|---|---|------|-----|-----|--------|-----|-----|----|-----|-----|------|------|-----------|
| Run Summary Sheet : CAMAC & LabView |              |          |                   |                                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| Fname                               | start        | stop     | Header            | Endr / Lc                        | Elapse | コメント                       | Att     | 100 | 10 | 5 | 3 | 2 | Trig | Wob | AuF | Kap    | IG1 | PL1 | ED | PL2 | IG2 | Air1 | Air2 |           |
|                                     |              |          |                   |                                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 23/12/16     |          | 実験前               |                                  |        | LogNote: E5exp(11)         |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| bef-                                | 無し           |          |                   |                                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl02                           | 202312162026 |          |                   |                                  |        | 60sec x 10点                |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl02-                          | 上側           | 1        | 14:45:47          | 14:46:48                         |        | C用 3000um:23#01 Am-αで1200V |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 10           | 14:56:48 | 14:57:49          |                                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 23/12/16     |          | 実験中:Beam調整時       |                                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          | Znスポット調整          |                                  | p.72   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| Cap                                 | 1            | 17:18    |                   | Cap01 ZnS Zsld                   |        |                            |         | 1   | 1  | 1 | 0 | 1 |      |     |     | 50uΦ50 |     |     |    |     |     | 145  | 200  |           |
|                                     | 2            |          |                   | Cap02 Qdef                       |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 3            | 17:22    |                   | Cap03 WobR 10=40~38              |        | Ar 95MeV/u paramで          |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 4            |          |                   | Cap04 R38Au73                    |        | 36 uSv/h                   |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| MaxBeam                             |              |          |                   |                                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          | Gaf焼き             | Gaf: EBT3 □85x85mm @ Ysld        | p.73   | IC1[A]                     | 3.2-8A  |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| Gaf                                 | 1            | 17:44    |                   | Au 73 R=0(WobOFF)                |        |                            | 30sec   | 0   | 3  | 1 | 0 | 2 |      |     |     |        |     |     |    |     | 無し  | ×    | 0u   | IC2@Xclmt |
|                                     | 2            |          |                   | Au 73 R=38                       |        |                            | 60sec   |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 3            |          |                   | 同上 GafODテスト                      |        |                            | 30sec   |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 4            |          |                   | 同上                               |        |                            | 45sec   |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 5            |          |                   | 同上                               |        |                            | 75sec   |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 6            | 17:52    |                   | 同上                               |        |                            | 90sec   |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          | PL回路調整            |                                  | p.73   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              | 6:30:00  |                   | PL1=500u 23#01 (2310Arママ)        |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          |                   | PL2=500u 23#02 (2310Arママ)        |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          |                   | PL HV: 利用「前」                     | p.73   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| plhv01-                             | 1            | 18:21:06 | 18:21:28          | plhv01-01 PL1,2=900,600V         |        |                            | 0:00:22 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 2            | 18:21:50 | 18:22:43          | plhv01-02 1000,700V              |        |                            | 0:00:53 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 3            | 18:23:05 | 18:24:03          | plhv01-03 1100,800V              |        |                            | 0:00:58 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 4            | 18:24:19 | 18:25:15          | plhv01-04 1200,900V              |        |                            | 0:00:56 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 5            | 18:25:38 | 18:26:51          | plhv01-05 1300,1000V             |        |                            | 0:01:13 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          | scnEDic: ExpR (1) |                                  | p.76   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonEDic01                           | 202312161838 |          |                   | 本番 30s x 53/55点で終了               |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              | 18:38    | 19:17             |                                  |        |                            | 0:39:00 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          |                   | scnAtt: IC1 vs PL1               |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonAtt01                            | 202312161922 |          |                   | 30sec x 22点まで                    | p.76   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonAtt01-ca                         | 1            | 19:22    | 19:43             | Step = 1/2,3,4,5,6,8,10          |        |                            | 0:21:00 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | ~            |          |                   | camac run 無し                     |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 21           |          |                   |                                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          |                   | scnEDic: ExpR (2) PL-Boxのみ       | p.77   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonEDic02                           | 202312161953 |          |                   | 間引き >3600umで20s x 17/24点で終了      |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              | 19:53    | 20:02             |                                  |        |                            | 0:09:00 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 23/12/16     |          | 20:32             | ビーム調整終了                          |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 23/12/16     |          | 21:50             | (R06) 12h 利用スタート                 | p.77   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          |                   | 利用終了                             |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          | 3:40              | 利用終了                             |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          | 06:30             | 来た                               |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          |                   | 利用終了後測定                          |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 23/12/17     |          |                   | PL HV: 利用「後」                     | p.83   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| plhv11-                             | 1            | 7:06:01  | 7:06:24           | plhv11-01 PL1nomi aftExp 900V    |        |                            | 0:00:23 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 2            | 7:06:50  | 7:07:28           | plhv11-02 1000V                  |        |                            | 0:00:38 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 3            | 7:07:54  | 7:09:15           | plhv11-03 1100V                  |        |                            | 0:01:21 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 4            | 7:09:53  | 7:10:45           | plhv11-04 1200V                  |        |                            | 0:00:52 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 5            | 7:11:16  | 7:12:13           | plhv11-05 1300V                  |        |                            | 0:00:57 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 23/12/17     |          |                   | scnXYpl: 12月用PL各種について            | p.83   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl11                           | 202312170723 |          |                   | 20sec x 26点, 12.5mmStep □50x50まで |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl11-                          | 上側           | 1        | 7:24:02           | 7:24:22                          |        |                            | 0:00:20 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | ~            | 26       | 7:37:48           | 7:38:10                          |        |                            | 0:00:22 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl12                           | 202312170748 |          |                   | 20sec x 26点, 同上                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl12-                          | 下側           | 1        | 7:49:09           | 7:49:30                          |        |                            | 0:00:21 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | ~            | 26       | 8:02:59           | 8:03:19                          |        |                            | 0:00:20 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl13                           | 202312170824 |          |                   | 20sec x 26点, 同上                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl13-                          | 上側           | 1        | 8:24:43           | 8:25:03                          |        |                            | 0:00:20 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | ~            | 26       | 8:38:29           | 8:38:49                          |        |                            | 0:00:20 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl14                           | 202312170841 |          |                   | 20sec x 26点, 同上                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| sonXYpl14-                          | 下側           | 1        | 8:41:32           | 8:41:54                          |        |                            | 0:00:22 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | ~            | 26       | 8:55:23           | 8:55:44                          |        |                            | 0:00:21 |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          |                   | ※Kr用は時間切れで未測定                    |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 23/12/17     |          | 8:55              | MT終了                             |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
| aft-                                | 無し           |          |                   |                                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     |              |          |                   | 加速器E測定:                          |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 23/12/16     |          | 10:30             | E(Ar) = 93.447 MeV/u             | p.72   |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |
|                                     | 以上           |          |                   |                                  |        |                            |         |     |    |   |   |   |      |     |     |        |     |     |    |     |     |      |      |           |