

Fission2019 实验数据说明文档

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- 探测器刻度分: SSD刻度 与 PPAC刻度
 - SSD 刻度包括: Pulser 刻度 与 α 源刻度
 - PPAC 刻度包括: 束流刻度 与 ^{252}Cf 源刻度

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1. 硅条刻度文件

1.1 硅条 Pulser 刻度

- **SSD_PulserCali_Pedestal.0000**
 - 刻度 SSD_L1 与 SSD_L2的零点道

| Pulser刻度 | 刻度条件说明 | 刻度点数目 | 备注 |
|------------------------------|----------------|-------|----|
| SSD_PulserCali_Pedestal.0000 | 同时刻度L1, L2的零点道 | 1 | |

- **SSD_L1 等间距法(Height)**
 - 等间距法, 是指用 Ortec-419 前面板的旋钮进行等间距信号衰减!
 - α 源对 SSD_L1 进行刻度时, 发现 SSD1,SSD2 信号很小甚至看不到, 因此需要改变主放的 gain, 同时 Pulser 刻度也需要重新刻度.
 - 在 PulserReCali中:
 - 1.SSD1_L1主放gain修改: 由 $2 \times 4 \Rightarrow 2 \times 20$
 - 2.SSD2_L1主放gain修改: 由 $2 \times 7.4 \Rightarrow 2 \times 20$
 - 由于在 α 刻度硅条第一层时,SSD1_L1, SSD2_L1 放大倍数已经改变, 因此只能用 PulserReCali 来刻度.

| Pulser刻度 | 刻度条件说明 | 刻度点数目 | 备注 |
|--------------------------------|--------------------------------|-------|----------|
| SSD1_L1_PulserCali_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1,0.5 | 11 | 刻度文件正常 |
| SSD2_L1_PulserCali_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1,0.5 | 11 | 刻度文件正常 |
| SSD3_L1_PulserCali_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1 | 10 | 刻度文件正常 |
| SSD4_L1_PulserCali_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1 | 10 | 0.5的统计低! |

| Pulser刻度 | 刻度条件说明 | 刻度点数目 | 备注 |
|--|---|-------|---------|
| SSD1_L1_PulserReCali_Gain4_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1,0.5 | 11 | 刻度文件正常 |
| SSD1_L1_PulserReCali_Gain20_Height.0000 | 相对幅度: 10/4,9/4,8/4,7/4,6/4,5/4,4/4,3/4,2/4,1/4 | 10 | 信号先衰减4倍 |
| SSD2_L1_PulserReCali_Gain7.4_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1,0.5 | 11 | 刻度文件正常 |
| SSD2_L1_PulserReCali_Gain20_Height.0000 | 相对幅度: 10/4,9/4,8/4,7/4,6/4,5/4,4/4,3/4,2/4,1/4,0.5/4 | 11 | 信号先衰减4倍 |

• **SSD_L1 拨档法(Switch)**

- 拨档法, 即使用精密脉冲发生器 Ortec-419 前面板的拨档进行信号衰减!
- α 源对 SSD_L1 进行刻度时, 发现 SSD1,SSD2 信号很小甚至看不到, 因此需要改变主放的 gain, 同时 Pulser 刻度也需要重新刻度.
- SSD1_L1主放gain修改: 由 $2 \times 4 \Rightarrow 2 \times 20$
SSD2_L1主放gain修改: 由 $2 \times 7.4 \Rightarrow 2 \times 20$

| Pulser刻度 | 刻度条件说明 | 刻度点数目 | 备注 |
|--|------------------------------|-------|---------------------|
| SSD1_L1_PulserCali_Switch.0000 | 衰减因子: 1,2,4,5,10,20,40,50 | 8 | 衰减100倍CO4020闪亮 |
| SSD2_L1_PulserCali_Switch.0000 | 衰减因子: 1,2,4,5,10,20 | 6 | |
| SSD3_L1_PulserCali_Switch.0000 | 衰减因子: 1,2,4,5,10 | 5 | |
| SSD4_L1_PulserCali_Switch.0000 | 衰减因子: 1,2,4,5,10 | 5 | SSD4_L1在70-80道有较多噪声 |
| SSD1_L1_PulserReCali_Gain4_Switch.0000 | 衰减因子: 1,2,4,5,10,20,40,50 | 8 | |
| SSD1_L1_PulserReCali_Gain20_Switch.0000 | 衰减因子: 4,5,10,20,40,50 | 6 | |
| SSD2_L1_PulserReCali_Gain7.4_Switch.0000 | 衰减因子: 1,2,4,5,10,20 | 6 | |
| SSD2_L1_PulserReCali_Gain20_Switch.0000 | 衰减因子: 4,5,10,20,40 | 5 | |

• **SSD_L2 等间距法(Height)**

- 等间距法, 是指用 Ortec-419 前面板的旋钮进行等间距信号衰减!

| Pulser刻度 | 刻度条件说明 | 刻度点数目 | 备注 |
|--------------------------------|-----------------------------------|-------|-------------------------|
| SSD1_L2_PulserCali_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1,0.5 | 11 | 刻度文件正常 |
| SSD2_L2_PulserCali_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1,0.5 | 11 | T115000,T115001信号是其他的一半 |
| SSD3_L2_PulserCali_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1,0.5 | 11 | 刻度文件正常 |
| SSD4_L2_PulserCali_Height.0000 | 相对幅度: 10,9,8,7,6,5,4,3,2,1,0.5 | 11 | 刻度文件正常 |

• **SSD_L2 拨档法(Switch)**

- 拨档法, 即使用精密脉冲发生器 Ortec-419 前面板的拨档进行衰减!

| Pulser刻度 | 刻度条件说明 | 刻度点数目 | 备注 |
|--------------------------------|-------------------------------|-------|--------|
| SSD1_L2_PulserCali_Switch.0000 | 衰减因子: 1,2,4,5,10,20,40,50,100 | 9 | 刻度文件正常 |
| SSD2_L2_PulserCali_Switch.0000 | 衰减因子: 1,2,4,5,10,20,40,50 | 8 | 刻度文件正常 |
| SSD3_L2_PulserCali_Switch.0000 | 衰减因子: 1,2,4,5,10,20 | 6 | 刻度文件正常 |
| SSD4_L2_PulserCali_Switch.0000 | 衰减因子: 1,2,4,5,10,20,40,50 | 8 | 刻度文件正常 |

1.2 硅条 α 刻度文件

• 硅条 L1 刻度

- SSD的Layer1刻度时,作了以下改变:

SSD1_L1主放gain修改: 由 $2 \times 4 \Rightarrow 2 \times 20$

SSD2_L1主放gain修改: 由 $2 \times 7.4 \Rightarrow 2 \times 20$

- 第一次开靶室: SSD_L1 α 刻度

备注1: SSD3、SSD4部分 strips 计数率过低!

备注2: T120000 空谱, 即 SSD4_L1_S_CH0 为空, 实验中也是空谱!

| Alpha刻度 | 刻度条件说明 | 备注 |
|-----------------------|-----------------|-----------------------------------|
| SSD_L1_AlphaCali.0000 | Trigger: SSD 单举 | SSD3_L1, SSD4_L1 部分统计低, T120000空谱 |
| SSD_L1_AlphaCali.0001 | Trigger: SSD 单举 | SSD3_L1, SSD4_L1 部分统计低, T120000空谱 |
| SSD_L1_AlphaCali.0003 | Trigger: SSD 单举 | SSD3_L1, SSD4_L1 部分统计低, T120000空谱 |
| SSD_L1_AlphaCali.0004 | Trigger: SSD 单举 | SSD3_L1, SSD4_L1 部分统计低, T120000空谱 |

- 第二次开靶室: SSD_L1 α 刻度

备注1: 改变 α 源的位置, 主要对 SSD3, SSD4 进行刻度!

备注2: T120000 空谱, 即 SSD4_L1_CH0 为空, 实验中也是空谱!

| Alpha刻度 | 刻度条件说明 | 备注 |
|-----------------------|-----------------|-------------------|
| SSD_L1_AlphaCali.0005 | Trigger: SSD 单举 | 主要对SSD3与SSD4 重新刻度 |
| SSD_L1_AlphaCali.0006 | Trigger: SSD 单举 | 主要对SSD3与SSD4 重新刻度 |
| SSD_L1_AlphaCali.0007 | Trigger: SSD 单举 | 主要对SSD3与SSD4 重新刻度 |
| SSD_L1_AlphaCali.0008 | Trigger: SSD 单举 | 主要对SSD3与SSD4 重新刻度 |

• 硅条 L2 刻度

- 第三次开靶室: SSD_L2 α 刻度

备注1: T112014统计很低!

备注2: T121013 与 T121014 出现两组“三峰”, 分别在 [150,180] 与 [330,380]

| Alpha刻度 | 刻度条件说明 | 备注 |
|-----------------------|---------------------|-------------------------------------|
| SSD_L2_AlphaCali.0000 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0001 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0002 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0003 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |

| Alpha刻度 | 刻度条件说明 | 备注 |
|-----------------------|---------------------|-------------------------------------|
| SSD_L2_AlphaCali.0004 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0005 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0006 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0007 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0008 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0009 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0010 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0011 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0012 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0013 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0014 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0015 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0016 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0017 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0018 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0019 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0020 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0021 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0022 | SSD1的Trig: SSD1_L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0023 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0024 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0025 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0026 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0027 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0028 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0029 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0030 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0031 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0032 | Trigger: SSD 单举-L2F | T112014统计很低! T121013 & T121014信号异常! |

。第四次开靶室: SSD_L2 α 刻度

备注1: 为了刻度 T112014. 不过此时 T112028 统计很低!

备注2: T121013 与 T121014 出现两组“三峰”, 分别在 [150,180] 与 [330,380]

| Alpha刻度 | 刻度条件说明 | 备注 |
|-----------------------|---------------------|-------------------------------------|
| SSD_L2_AlphaCali.0033 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0034 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0035 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0036 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0037 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0038 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0039 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0040 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0041 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0042 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0043 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0044 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0045 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0046 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0047 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |
| SSD_L2_AlphaCali.0048 | Trigger: SSD 单举-L2B | T112028统计很低! T121013 & T121014信号异常! |

2. PPAC 刻度文件

- PPAC1 只有束流刻度
- PPAC2 束流刻度与 Cf252 放射源刻度
- PPAC3 只有 Cf252 放射源刻度

2.1 PPAC 束流刻度

| PPAC 束流刻度 | 刻度条件说明 | 备注 |
|----------------------------|------------------|--------------------------|
| PPAC1_BeamCalibration.0000 | Trigger: PPAC 单举 | 数据无效: 开DAQ时, PPAC1 噪声起来了 |
| PPAC1_BeamCalibration.0001 | Trigger: PPAC 单举 | PPAC1 -465V, PPAC2,3电压0 |
| PPAC1_BeamCalibration.0002 | Trigger: PPAC 单举 | PPAC1 -465V, PPAC2,3电压0 |
| PPAC2_BeamCalibration.0000 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC2_BeamCalibration.0001 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_BeamCalibration.0000 | Trigger: PPAC 单举 | 统计过低, 放弃束流刻度! |

2.2 PPAC ²⁵²Cf 刻度

| PPAC ²⁵² Cf 刻度 | 刻度条件说明 | 备注 |
|---------------------------|--------|----|
|---------------------------|--------|----|

| PPAC ²⁵² Cf 刻度 | 刻度条件说明 | 备注 |
|-----------------------------|------------------|-------------------------|
| PPAC2_Cf252Calibration.0000 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_Cf252Calibration.0000 | Trigger: PPAC 单举 | PPAC3 -460V, PPAC1,2电压0 |
| PPAC3_Cf252Calibration.0001 | Trigger: PPAC 单举 | PPAC3 -460V, PPAC1,2电压0 |
| PPAC3_Cf252Calibration.0002 | Trigger: PPAC 单举 | PPAC3 -460V, PPAC1,2电压0 |
| PPAC3_Cf252Calibration.0003 | Trigger: PPAC 单举 | PPAC3 -460V, PPAC1,2电压0 |
| PPAC3_Cf252Calibration.0004 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_Cf252Calibration.0005 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_Cf252Calibration.0006 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_Cf252Calibration.0007 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_Cf252Calibration.0008 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_Cf252Calibration.0009 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_Cf252Calibration.0010 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_Cf252Calibration.0011 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |
| PPAC3_Cf252Calibration.0012 | Trigger: PPAC 单举 | PPAC2 -460V, PPAC1,3电压0 |

3. 实验数据文件

| 实验数据文件说明 | 文件个数 | 起始文件 | 终止文件 | 备注 |
|----------|------|-----------------------|-----------------------|----|
| 无效的文件 | 89 | Fisson2019_Kr_Pb.0000 | Fisson2019_Kr_Pb.0088 | |
| SSD 单举文件 | 32 | Fisson2019_Kr_Pb.0089 | Fisson2019_Kr_Pb.0120 | |
| 无SS单体文件 | 312 | Fisson2019_Kr_Pb.0121 | Fisson2019_Kr_Pb.0432 | |
| 总文件 | 433 | Fisson2019_Kr_Pb.0000 | Fisson2019_Kr_Pb.0432 | |

3.1 无效的数据 [Run0000-Run0088]

- Fission2019_Kr_Pb.0000 - Fission2019_Kr_Pb.0088 数据无效！

3.2 含 SSD 单举 [Run0089-Run0120]

- 实验 Trigger: AuSi单举 + **SSD单举**+ PPAC两体 + SSD两体 + (PPAC两体*SSD单体)
- 该条件下，SSD的单举计数率最高, 是主要事件！
- PPAC能量路设置: T104028-T104030, **gain=8**, sht=3μs
- AuSi望远镜: 前放烧了, AuSi1_L1 改用 AuSi1_L2 路, 此时 T104017 路信号为空

| 文件名 | Trigger | 备注1 | 备注2 |
|---------------------------------------|---------|----------|---------------------|
| Fisson2019_Kr_Pb.0089 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0090 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |

| 文件名 | Trigger | 备注1 | 备注2 |
|---------------------------------------|---------|------------|---------------------|
| Fisson2019_Kr_Pb.0091 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0092 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0093 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0094 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0095 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0096 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0097 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0098 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0099 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0100 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0101 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0102 | 含SSD单举 | PPAC未加电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0103 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0104 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0105 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0106 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0107 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0108 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0109 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0110 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0111 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0112 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0113 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0114 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0115 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0116 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3电压掉为0，可能没有信号 |
| Fisson2019_Kr_Pb.0117 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3正常工作 |
| Fisson2019_Kr_Pb.0118 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3正常工作 |
| Fisson2019_Kr_Pb.0119 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3正常工作 |
| Fisson2019_Kr_Pb.0120 | 含SSD单举 | PPAC加到工作电压 | SSD4_L3正常工作 |

3.3 无 SSD 单举 [Run212-Run0432]

- 实验 Trigger: AuSi单举 + PPAC两体 + SSD两体 + (PPAC两题*SSD单体)
- 此条件下的数据是本次实验的核心！

- 共有效文件 312个， Fisson2019_Kr_Pb.0121 ~ Fisson2019_Kr_Pb.0432
- **PPAC能量路:**
 - 1.改变了 gain: T104028-T104030, gain=32, sht=3 μ s
 - 2.T104029 路是 PPAC2_T_E, 即PPAC2的能量路, 信号与 PPAC1、PPAC3不同.
- **AuSi能量路:**
 - 1.改变了能量路: T104016-T104019 \Rightarrow T104020-T104023
 - 2.AuSi望远镜的第二层, 即 Csl 层信号有问题, 即 T104021, T104023
- **硅条能量路:**
 - 1.T120000能谱为空, 即 SSD4_L1_S_CH00为空谱
 - 2.T120020,T120021 即 SSD4_L3_A_CH04, SSD4_L3_CH05, 信号异常
 - 3.T121013, T121014 即 SSD4_L2_F_CH13, SSD4_L2_F_CH14, 信号异常

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0121 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0122 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0123 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0124 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0125 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0126 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0127 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0128 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0129 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0130 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0131 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0132 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0133 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0134 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0135 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0136 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0137 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0138 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0139 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0140 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0141 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0142 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0143 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0144 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0145 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0146 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0147 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0148 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0149 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0150 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0151 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0152 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0153 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|------------|-----------------|----------|
| Fisson2019_Kr_Pb.0154 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0155 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0156 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029有变化 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0157 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0158 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0159 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0160 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0161 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0162 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0163 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0164 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0165 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0166 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | ppac机箱挂了 |
| Fisson2019_Kr_Pb.0167 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0168 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0169 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0170 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0171 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0172 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0173 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0174 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0175 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0176 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0177 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0178 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0179 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0180 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0181 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0182 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0183 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0184 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0185 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0186 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0187 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0188 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0189 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0190 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0191 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0192 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0193 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0194 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0195 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0196 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0197 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0198 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0199 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0200 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0201 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0202 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0203 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0204 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0205 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0206 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0207 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0208 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0209 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0210 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0211 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0212 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0213 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0214 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0215 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0216 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0217 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0218 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0219 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0220 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0221 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0222 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0223 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0224 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0225 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0226 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0227 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0228 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0229 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0230 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0231 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0232 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0233 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0234 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0235 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0236 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0237 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0238 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0239 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0240 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0241 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0242 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0243 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0244 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0245 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0246 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0247 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0248 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0249 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0250 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0251 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0252 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0253 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0254 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0255 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0256 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0257 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0258 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0259 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0260 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0261 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0262 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0263 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0264 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0265 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0266 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0267 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0268 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0269 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0270 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0271 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0272 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0273 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0274 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0275 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0276 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0277 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0278 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0279 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0280 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0281 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0282 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0283 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0284 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0285 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0286 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0287 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0288 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0289 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0290 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0291 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0292 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0293 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0294 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0295 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0296 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0297 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0298 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0299 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0300 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0301 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0302 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0303 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0304 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0305 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|--------------------|
| Fisson2019_Kr_Pb.0306 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0307 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0308 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0309 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0310 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0311 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大, ppac机箱挂了 |
| Fisson2019_Kr_Pb.0312 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0313 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0314 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0315 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0316 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0317 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大; 束斑打偏 |
| Fisson2019_Kr_Pb.0318 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0319 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0320 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0321 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0322 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0323 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0324 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|---------------------------------------|---|-----------|-----------------|-------|
| Fisson2019_Kr_Pb.0325 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0326 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0327 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0328 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0329 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0330 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0331 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0332 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0333 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0334 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0335 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0336 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0337 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0338 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0339 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0340 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0341 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0342 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |
| Fisson2019_Kr_Pb.0343 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 弹散2过大 |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|------|
| Fisson2019_Kr_Pb.0344 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0345 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0346 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0347 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0348 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0349 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0350 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0351 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0352 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0353 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0354 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0355 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 束流中断 |
| Fisson2019_Kr_Pb.0356 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0357 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 束流中断 |
| Fisson2019_Kr_Pb.0358 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0359 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0360 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0361 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0362 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|--------|
| Fisson2019_Kr_Pb.0363 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0364 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0365 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0366 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0367 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0368 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0369 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0370 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0371 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0372 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0373 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0374 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0375 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0376 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0377 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | 束流<1nA |
| Fisson2019_Kr_Pb.0378 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0379 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0380 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0381 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0382 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0383 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0384 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0385 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0386 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0387 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0388 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0389 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0390 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0391 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0392 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0393 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0394 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0395 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0396 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0397 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0398 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0399 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0400 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0401 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0402 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0403 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0404 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0405 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0406 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0407 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0408 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0409 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0410 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0411 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0412 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0413 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0414 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0415 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0416 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0417 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0418 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0419 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |

| 文件名 | SSD 信号异常 | PPAC 信号异常 | AuSi 信号异常 | 备注 |
|-----------------------|---|-----------|-----------------|----|
| Fisson2019_Kr_Pb.0420 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0421 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0422 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0423 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0424 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0425 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0426 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0427 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0428 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0429 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0430 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0431 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |
| Fisson2019_Kr_Pb.0432 | T120000空; T120020,T120021,T121013,T121014 异常 | T104029 | T104021,T104023 | |