

UT Date 2013-12-08 Observers P BerlindColl. Focus 1350 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|-----------------------|
| 0001-0010.BIAS | 0 | 01:16 | 21:51:11.0 | +28:51:50 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0011.FLAT | 15 | 01:17 | 21:50:00.0 | +32:00:00 | 300 | 89 | 3.0 | 0 Calibration | 2 | 1200-line, 2-sec, red |
| 0012.FLAT | 15 | 01:17 | 21:50:00.0 | +32:00:00 | 300 | 89 | 3.0 | 0 Calibration | 2 | gg495 |
| 0013-0025.FLAT | 15 | 01:23 | 21:50:00.0 | +32:00:00 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0026.COMP | 10 | 01:25 | 21:50:00.0 | +32:00:00 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0027.BDp174708 | 90 | 01:31 | 22:11:31.5 | +18:05:34 | 300 | 89 | 3.0 | #176 Be/X-ray | 2 | |
| 0028.COMP | 10 | 01:34 | 22:11:31.5 | +18:05:34 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0029.SAXJ21035p4545 | 1502 | 01:35 | 21:03:35.7 | +45:45:05 | 300 | 89 | 3.0 | #176 Be/X-ray | 2 | |
| 0030.COMP | 10 | 02:00 | 21:03:35.7 | +45:45:05 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0031.SAXJ21035p4545 | 1500 | 02:01 | 21:03:35.7 | +45:45:05 | 300 | 88 | 3.0 | #176 Be/X-ray | 2 | |
| 0032.COMP | 10 | 02:27 | 21:03:35.7 | +45:45:05 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0033.IGRJ2134.2p4738 | 1800 | 02:28 | 21:34:20.4 | +47:38:00 | 300 | 89 | 3.0 | #176 Be/X-ray | 2 | |
| 0034.COMP | 10 | 02:58 | 21:34:20.4 | +47:38:00 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0035.4U2204p543 | 120 | 03:00 | 22:07:57.0 | +54:31:06 | 300 | 88 | 3.0 | #176 Be/X-ray | 2 | |
| 0036.COMP | 10 | 03:02 | 22:07:57.0 | +54:31:06 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0037.IGR2253p6243 | 1800 | 03:04 | 22:53:55.1 | +62:43:37 | 300 | 88 | 3.0 | #176 Be/X-ray | 2 | |
| 0038.COMP | 10 | 03:34 | 22:53:55.1 | +62:43:37 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0039.IGRJ01363p6610 | 720 | 03:36 | 01:35:49.8 | +66:12:43 | 300 | 88 | 3.0 | #176 Be/X-ray | 2 | |
| 0040.COMP | 10 | 03:48 | 01:35:49.8 | +66:12:43 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0041.RXJ01469p6121 | 240 | 03:49 | 01:47:00.0 | +61:21:23 | 300 | 88 | 3.0 | #176 Be/X-ray | 2 | |

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|--------------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|-------------------------|
| 0042.COMP | 10 | 03:54 | 01:47:00.0 | +61:21:23 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0043.XPer | 4 | 03:55 | 03:55:23.0 | +31:02:45 | 300 | 88 | 3.0 | #176 Be/X-ray | 2 | |
| 0044.XPer | 4 | 03:56 | 03:55:23.0 | +31:02:45 | 300 | 88 | 3.0 | #176 Be/X-ray | 2 | |
| 0045.COMP | 10 | 03:56 | 03:55:23.0 | +31:02:45 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0046.RXJ04409p4431 | 240 | 03:58 | 04:41:00.6 | +44:31:50 | 300 | 88 | 3.0 | #176 Be/X-ray | 2 | |
| 0047.COMP | 10 | 04:02 | 04:41:00.6 | +44:31:50 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0048.HD19445 | 30 | 04:03 | 03:08:26.3 | +26:20:29 | 300 | 88 | 3.0 | #176 Be/X-ray | 2 | |
| 0049.COMP | 10 | 04:04 | 03:08:26.3 | +26:20:29 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0050.FLAT | 12 | 04:08 | 02:20:00.0 | +32:00:00 | 600 | 88 | 1.5 | 0 Calibration | 4 | 600-line, 1.5-sec, blue |
| 0051-0059.FLAT | 12 | 04:11 | 02:20:00.0 | +32:00:00 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0060.lamost091 | 600 | 04:14 | 02:44:03.2 | +53:05:52 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0061.COMP | 10 | 04:25 | 02:44:03.2 | +53:05:52 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0062.lamost007 | 900 | 04:26 | 02:53:02.5 | +55:28:15 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0063.COMP | 10 | 04:41 | 02:53:02.5 | +55:28:15 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0064.lamost043 | 1200 | 04:42 | 03:02:54.3 | +54:12:40 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0065.COMP | 10 | 05:03 | 03:02:54.3 | +54:12:40 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0066.lamost040 | 1500 | 05:04 | 03:03:55.2 | +52:02:16 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0067.COMP | 10 | 05:30 | 03:03:55.2 | +52:02:16 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0068.lamost039 | 1800 | 05:31 | 03:06:26.9 | +50:23:06 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0069.COMP | 10 | 06:02 | 03:06:26.9 | +50:23:06 | 600 | 89 | 1.5 | 0 Calibration | 4 | |

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|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0070.lamost109 | 1800 | 06:03 | 03:08:18.2 | +51:40:12 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0071.COMP | 10 | 06:34 | 03:08:18.2 | +51:40:12 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0072.lamost041 | 1800 | 06:35 | 03:14:10.3 | +51:55:50 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0073.COMP | 10 | 07:06 | 03:14:10.3 | +51:55:50 | 600 | 87 | 1.5 | 0 Calibration | 4 | |
| 0074.lamost025 | 900 | 07:07 | 03:41:50.9 | +52:23:22 | 600 | 87 | 1.5 | #178 Low Mass | 4 | |
| 0075.COMP | 10 | 07:23 | 03:41:50.9 | +52:23:22 | 600 | 86 | 1.5 | 0 Calibration | 4 | |
| 0076.lamost106 | 900 | 07:24 | 03:42:44.7 | +51:24:22 | 600 | 86 | 1.5 | #178 Low Mass | 4 | |
| 0077.COMP | 10 | 07:40 | 03:42:44.7 | +51:24:22 | 600 | 86 | 1.5 | 0 Calibration | 4 | |
| 0078.lamost020 | 1500 | 07:41 | 03:49:05.1 | +52:36:11 | 600 | 86 | 1.5 | #178 Low Mass | 4 | |
| 0079.COMP | 10 | 08:07 | 03:49:05.1 | +52:36:11 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0080.lamost024 | 1800 | 08:09 | 03:52:04.7 | +50:57:38 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0081.COMP | 10 | 08:40 | 03:52:04.7 | +50:57:38 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0082.lamost038 | 1800 | 08:42 | 05:20:04.2 | +29:50:08 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0083.COMP | 10 | 09:12 | 05:20:04.2 | +29:50:08 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0084.test | 10 | 09:16 | 07:45:00.0 | +32:00:00 | 300 | 88 | 3.0 | #178 Low Mass | 2 | |
| 0085.sn2013gs | 1663 | 09:18 | 09:31:08.9 | +46:23:05 | 300 | 88 | 3.0 | #2 SN Observat | 2 | |
| 0086.COMP | 10 | 09:46 | 09:31:08.9 | +46:23:05 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0087-0096.BIAS | 0 | 09:57 | 09:31:08.9 | +46:23:05 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0097-0111.FLAT | 7 | 10:03 | 09:31:08.9 | +46:23:05 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0112-0116.DARK | 900 | 11:08 | 09:31:08.9 | +46:23:05 | 300 | 88 | 3.0 | 0 Calibration | 2 | |

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|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0117-0121.DARK | 900 | 12:25 | 09:31:08.9 | +46:23:05 | 300 | 88 | 3.0 | 0 Calibration | 4 | |