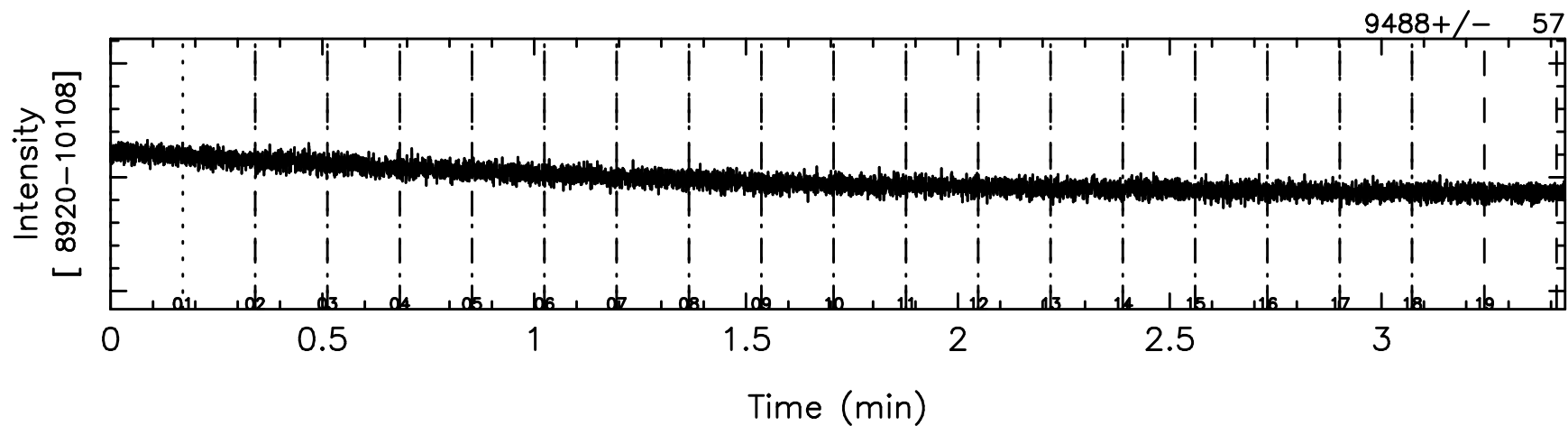
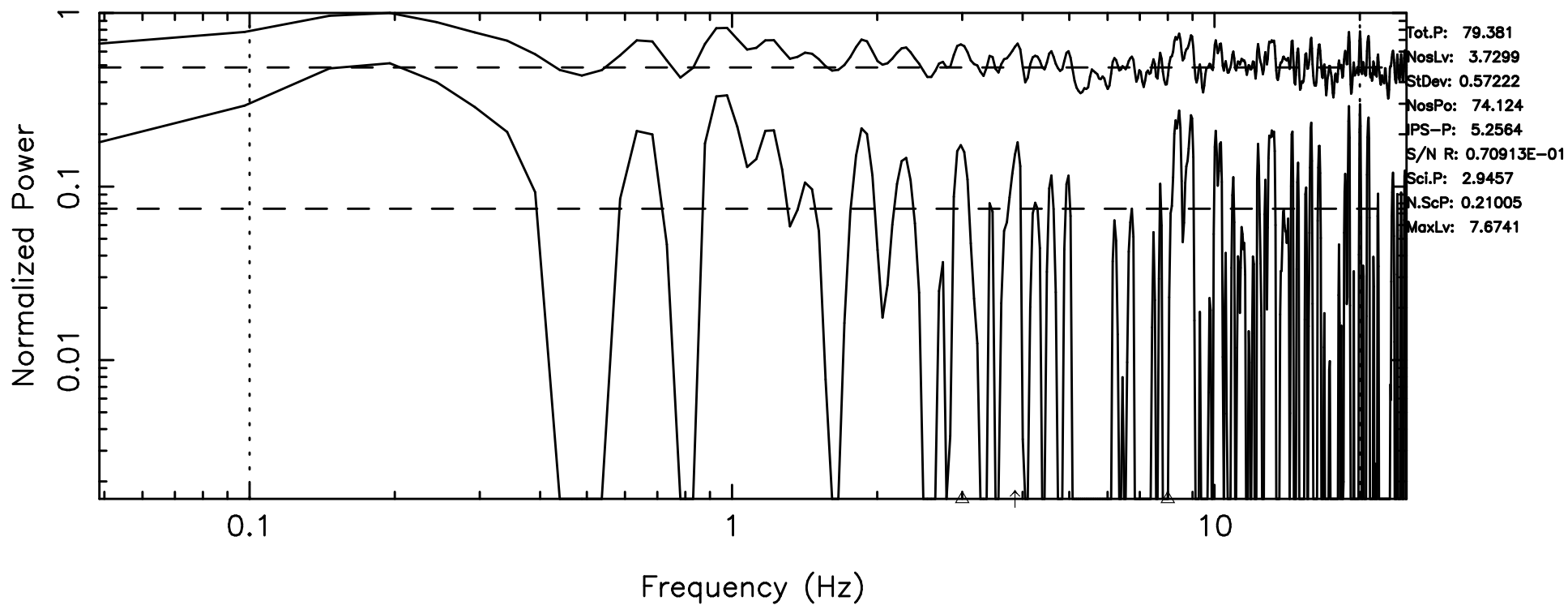


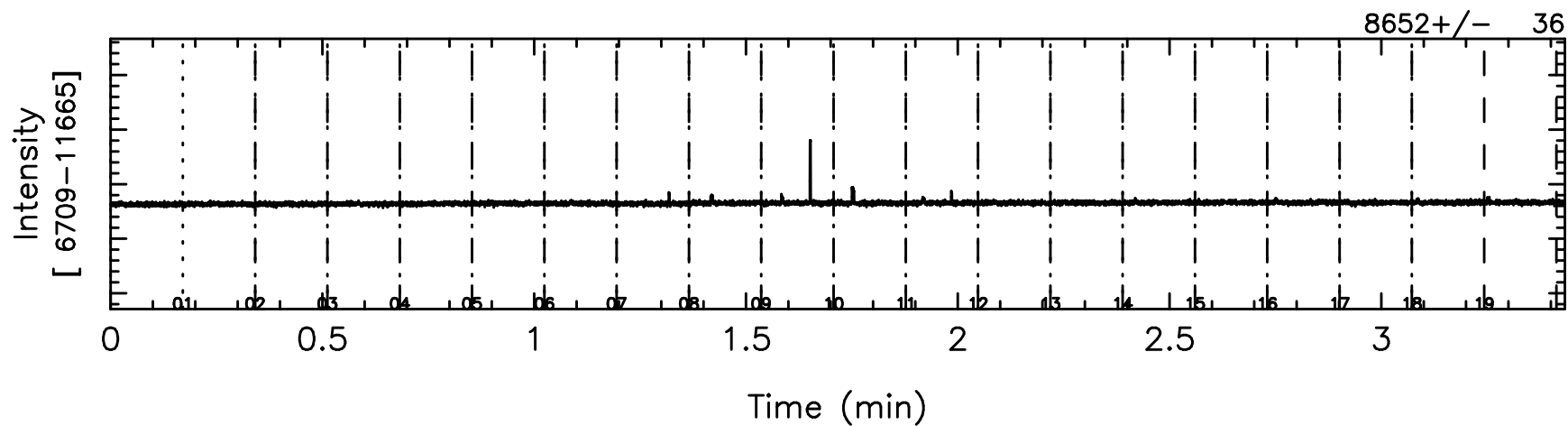
TOYOKAWA 2327+568 2024/07/05(187)04:26:41-04:30:07JST



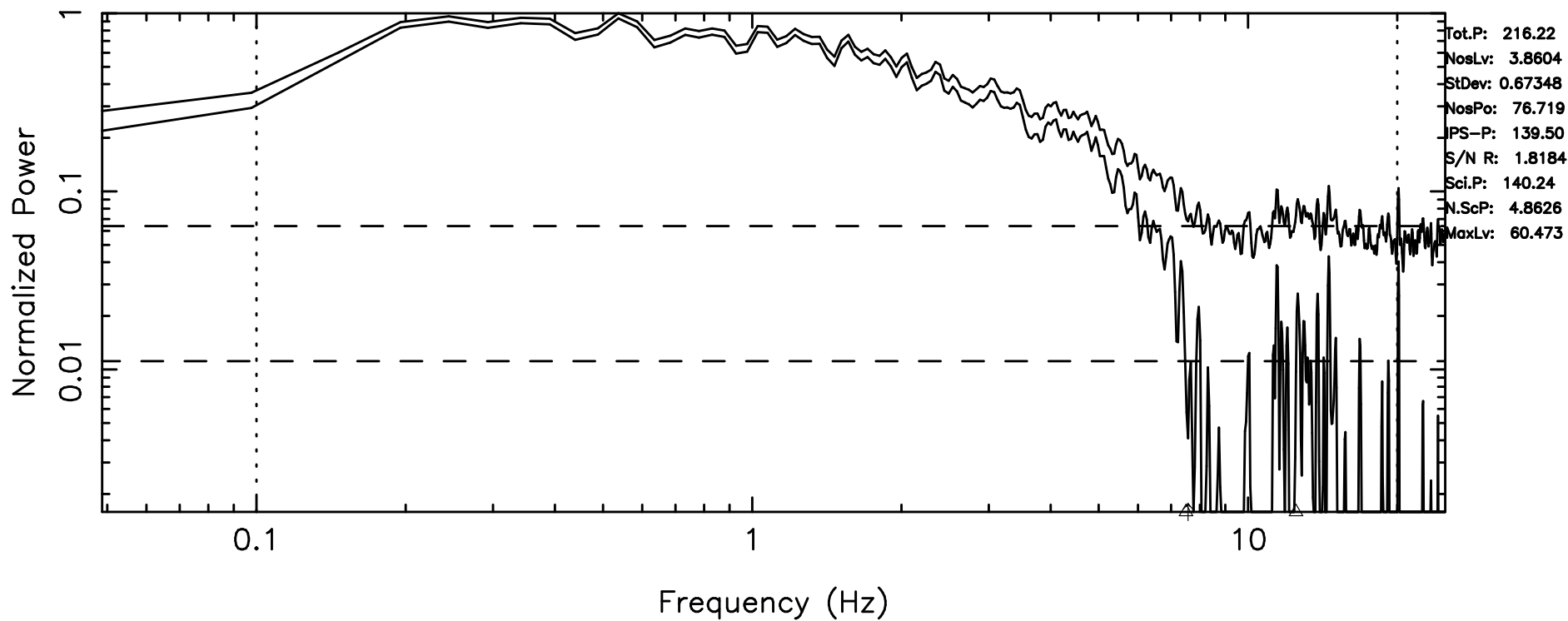
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



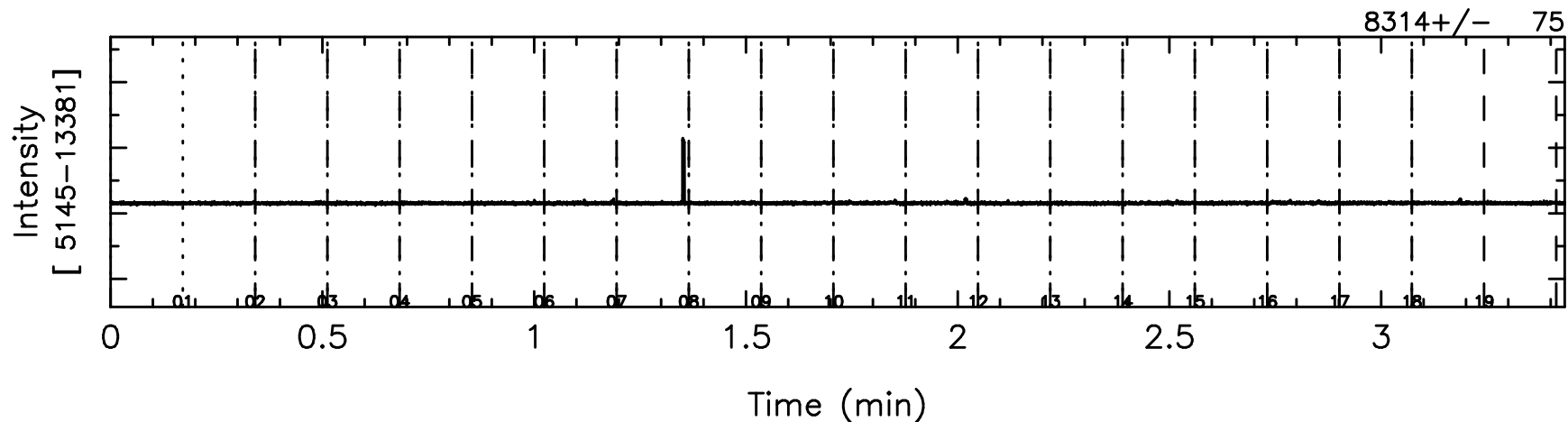
TOYOKAWA 2341+535 2024/07/05(187)04:40:35-04:44:01JST



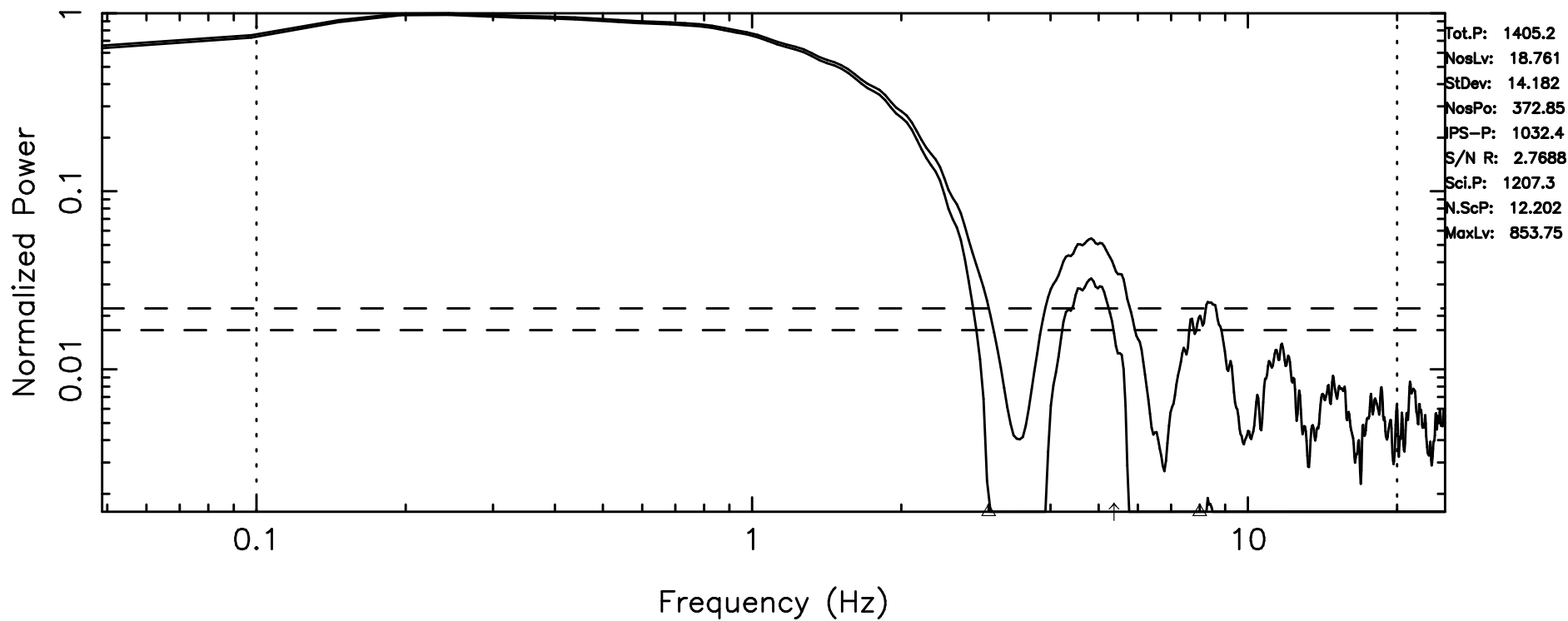
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



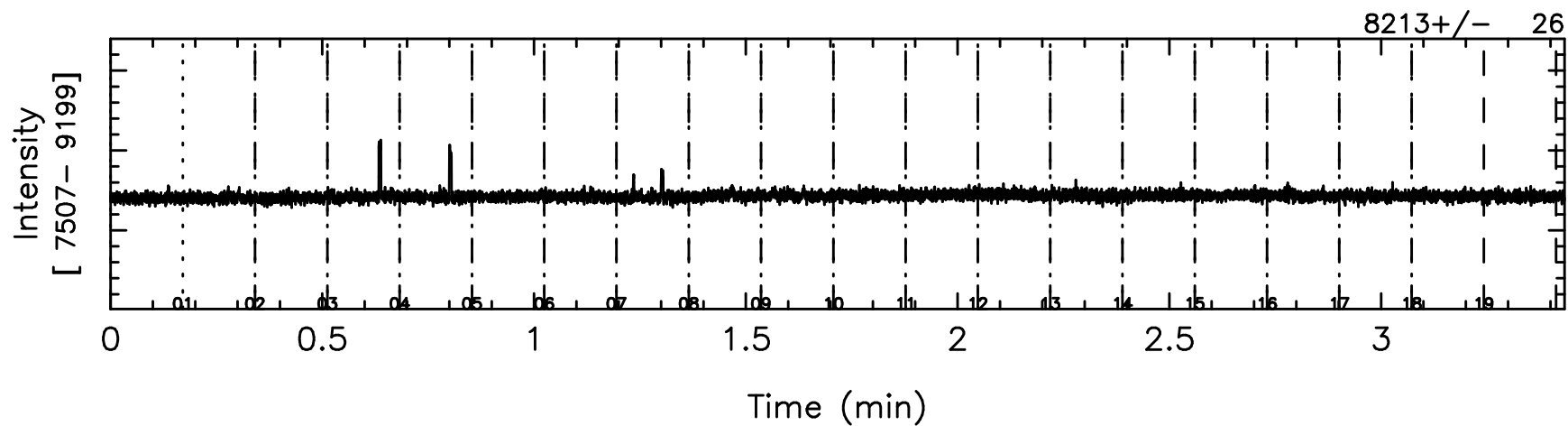
TOYOKAWA 2351+456 2024/07/05(187)04:51:09-04:54:35JST



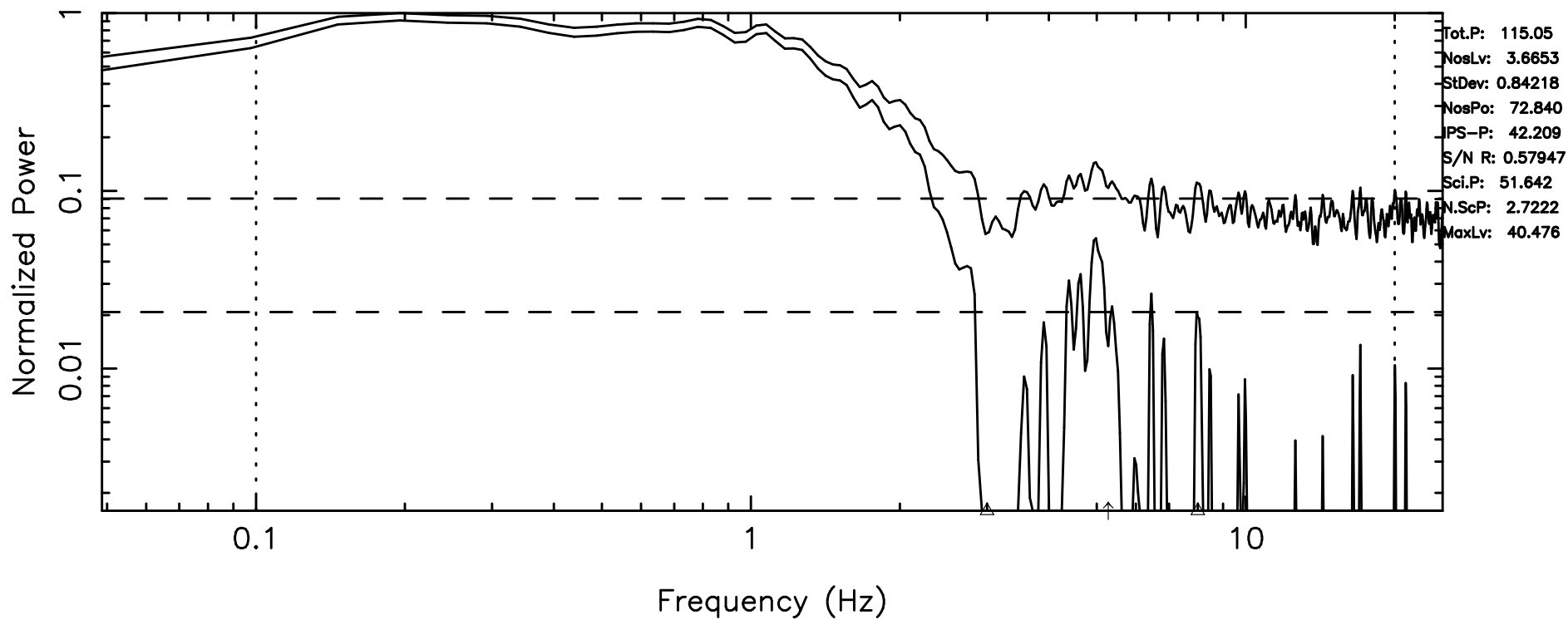
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



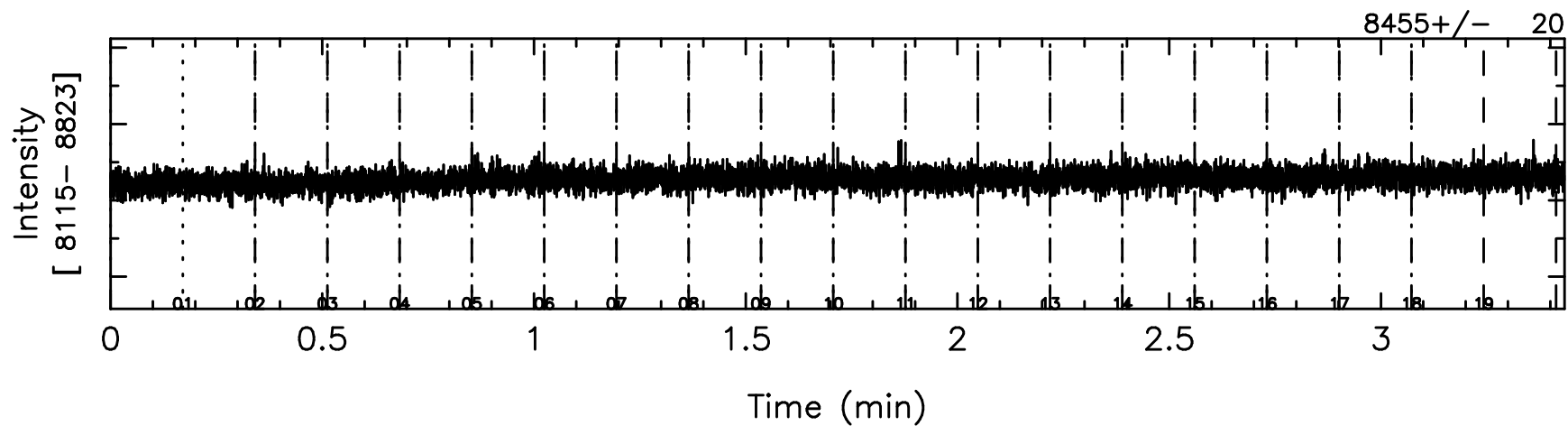
TOYOKAWA 2356+437 2024/07/05(187)04:55:22-04:58:48JST



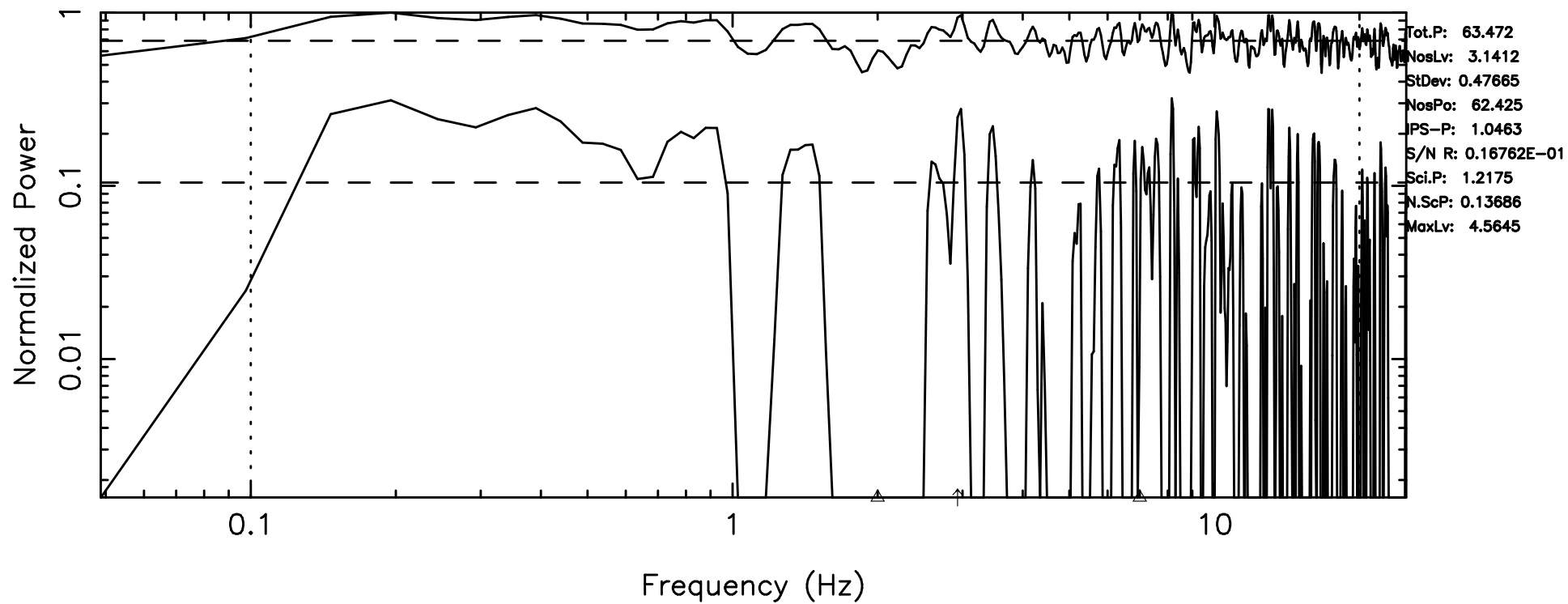
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



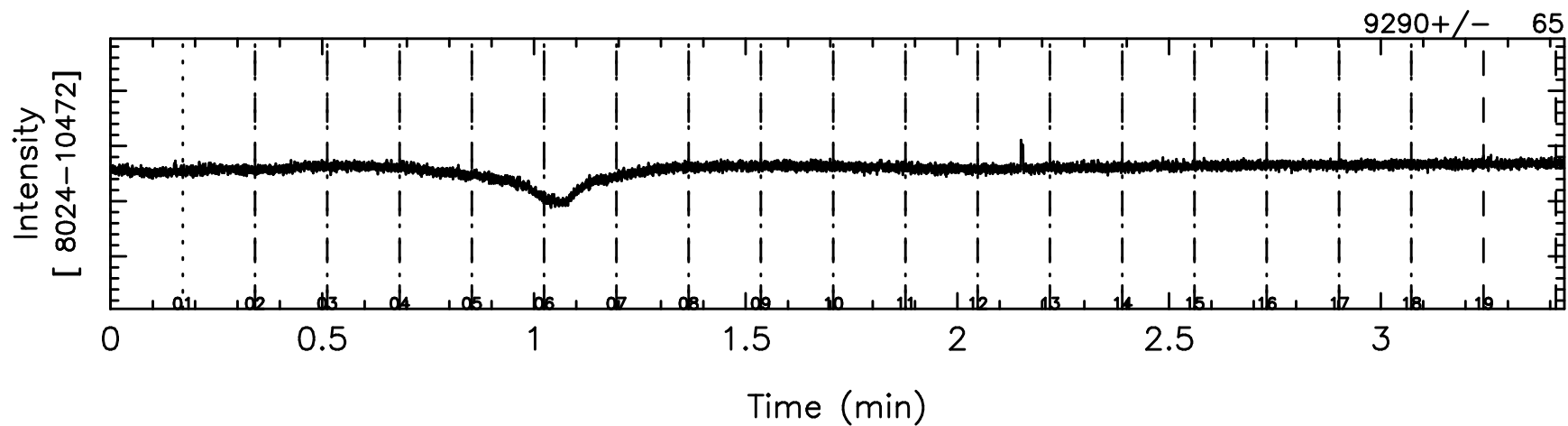
TOYOKAWA 0010+405 2024/07/05(187)05:10:17-05:13:43JST



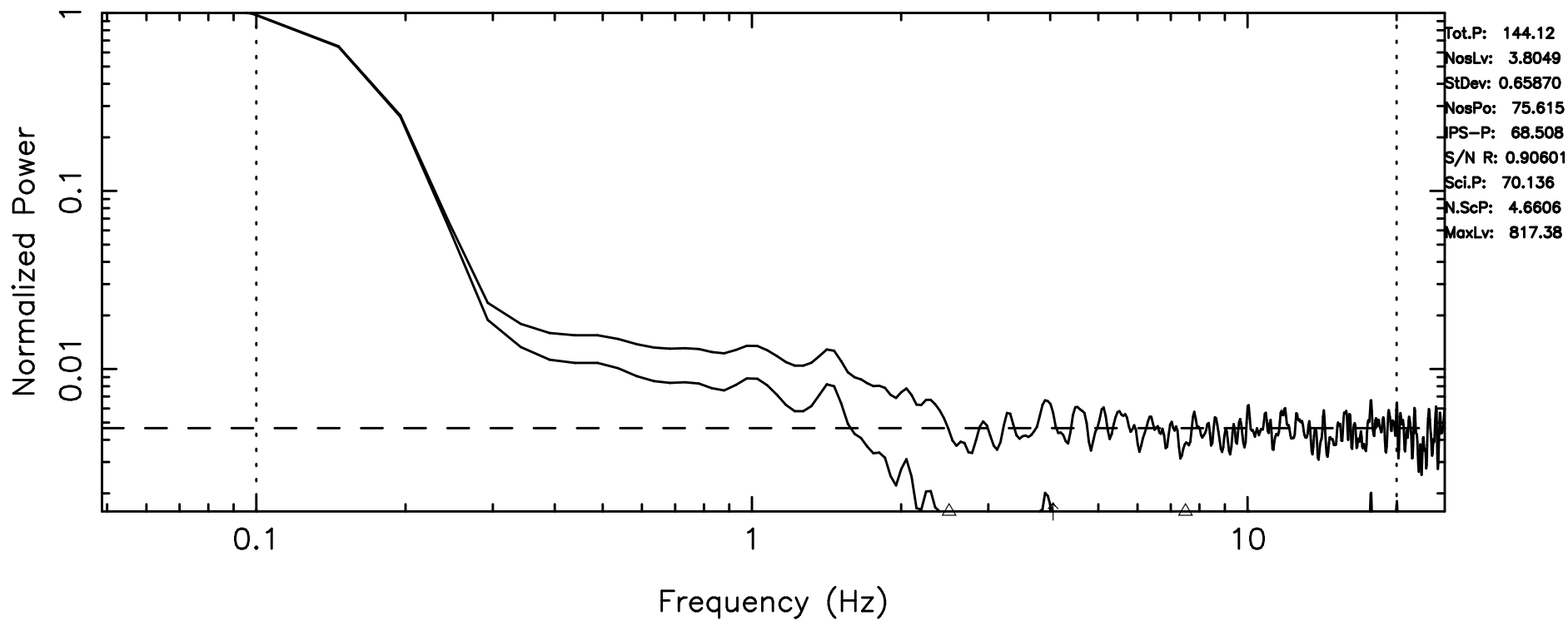
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



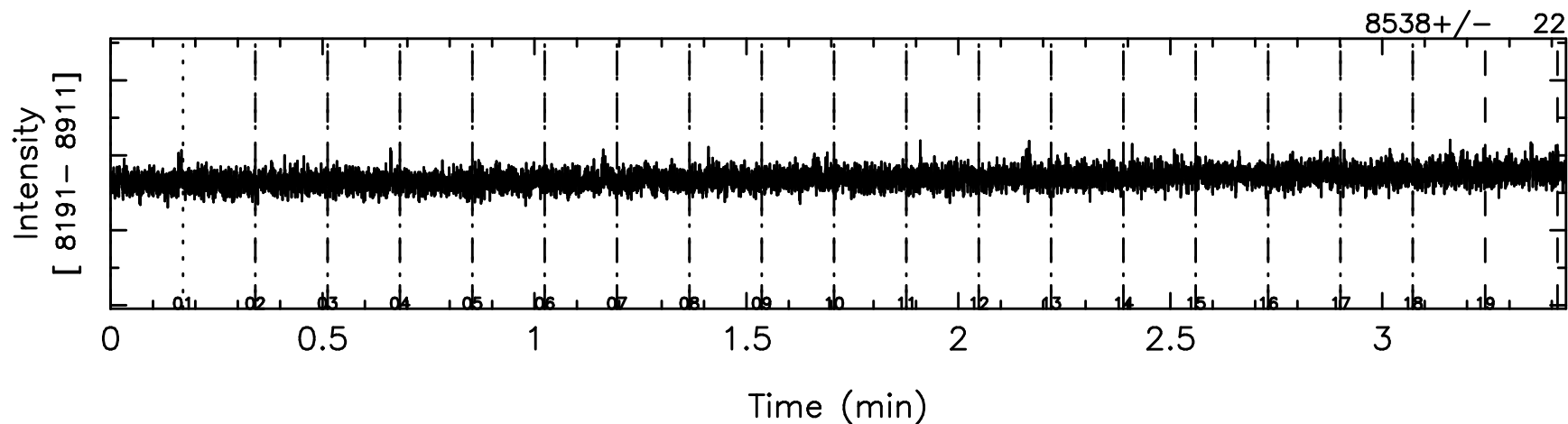
TOYOKAWA 0017+565 2024/07/05(187)05:16:41-05:20:07JST



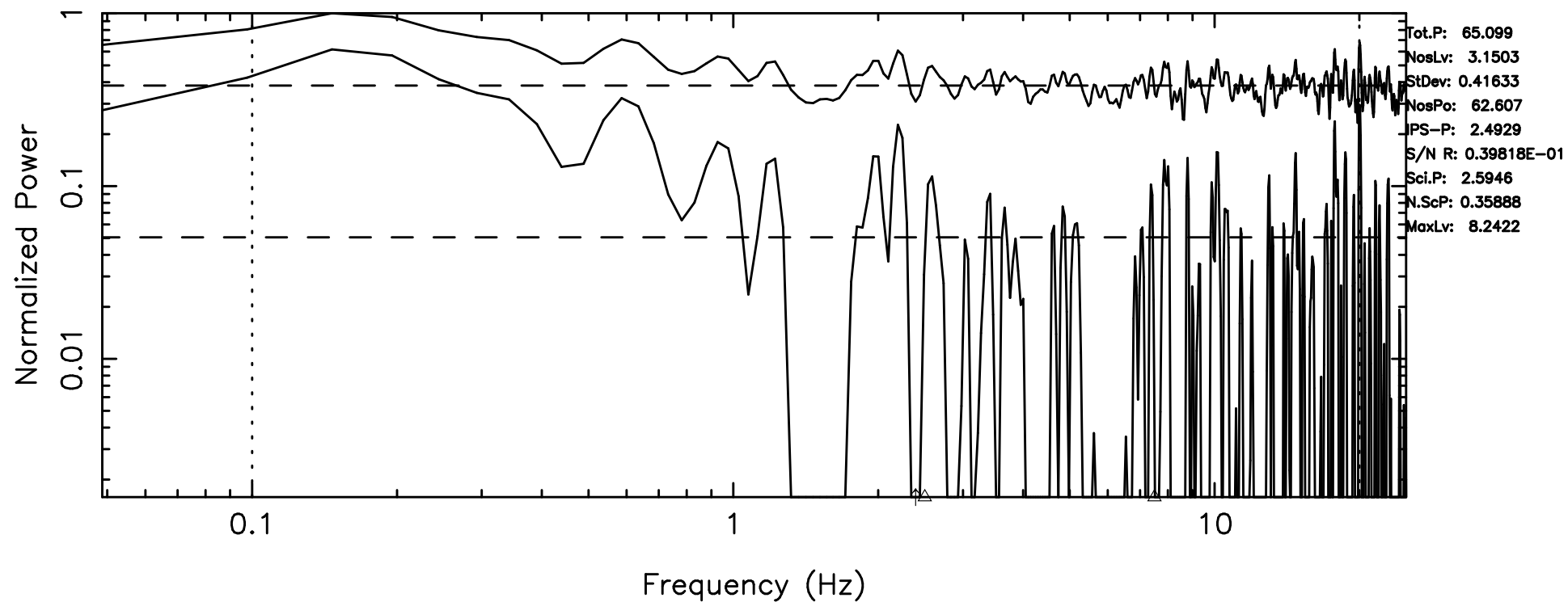
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



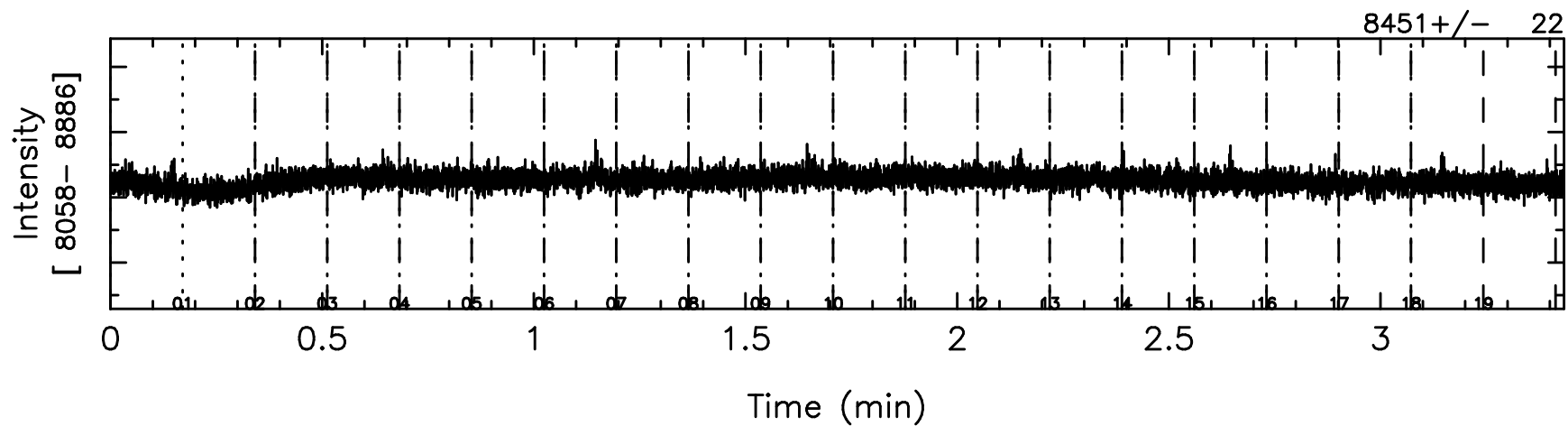
TOYOKAWA 0025+373 2024/07/05(187)05:24:59-05:28:25JST



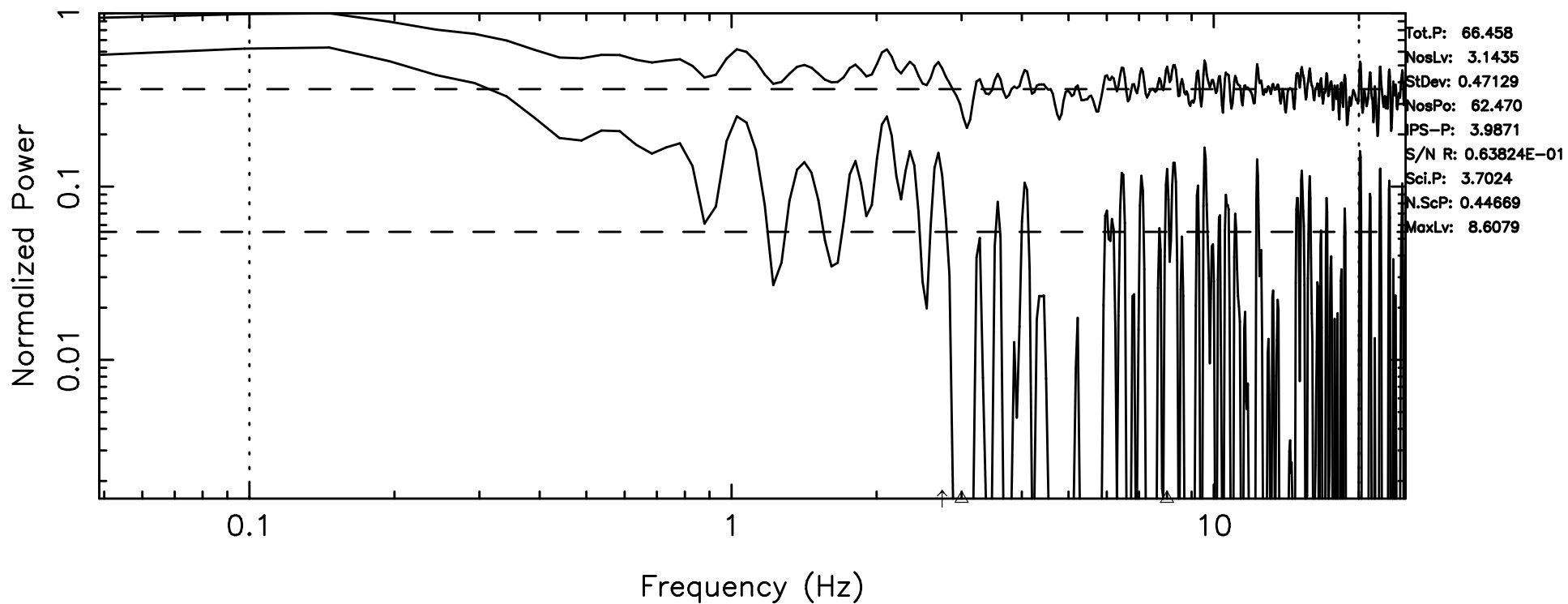
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



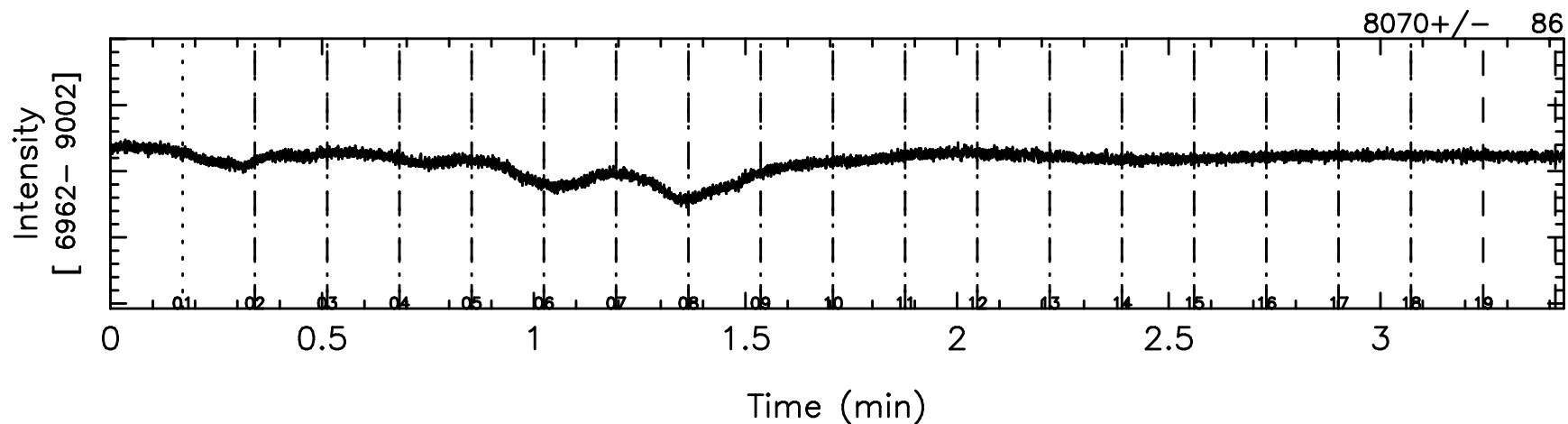
TOYOKAWA 0031+391 2024/07/05(187)05:31:00-05:34:26JST



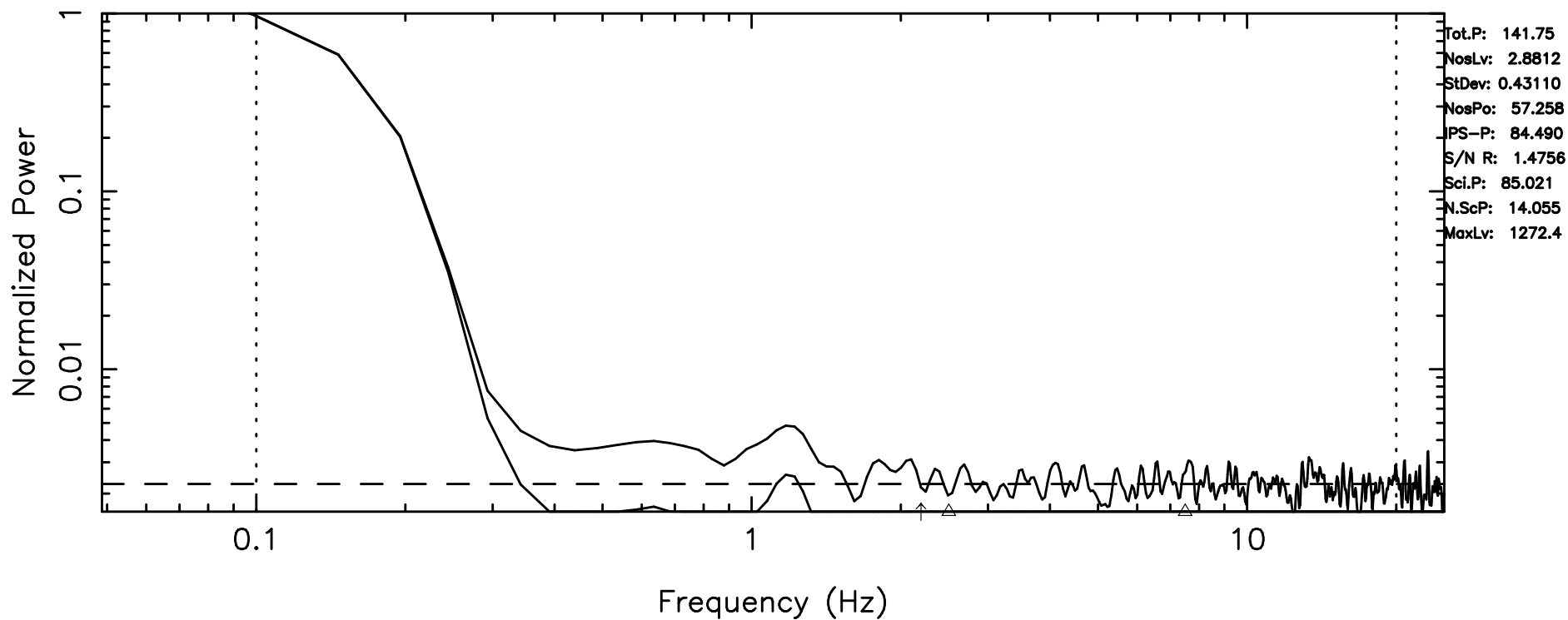
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



TOYOKAWA 0038+328 2024/07/05(187)05:37:39-05:41:05JST



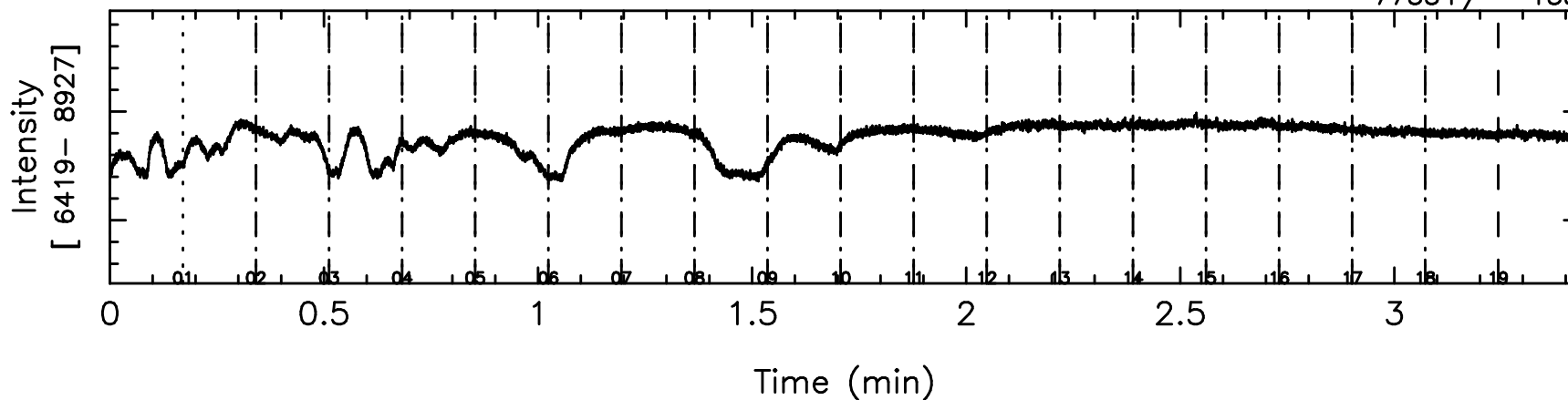
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



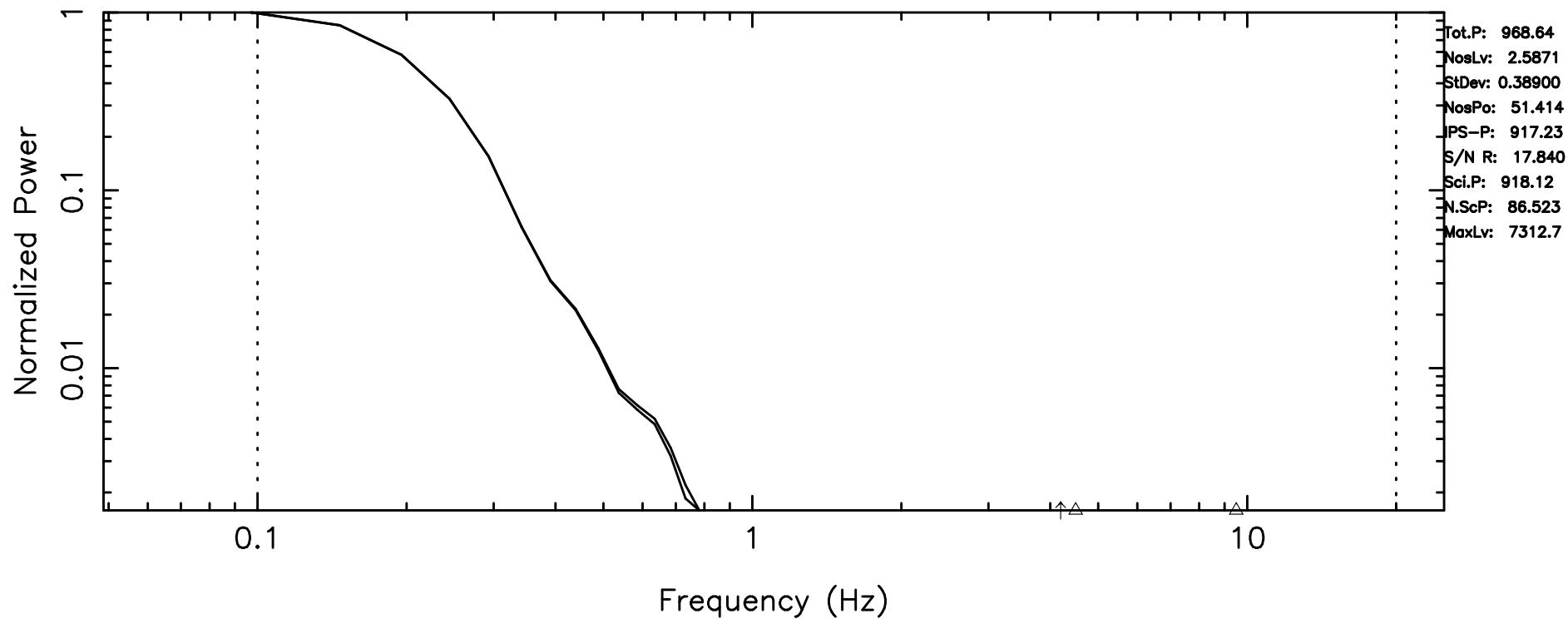
TOYOKAWA 3C23

2024/07/05(187)05:48:28-05:51:54JST

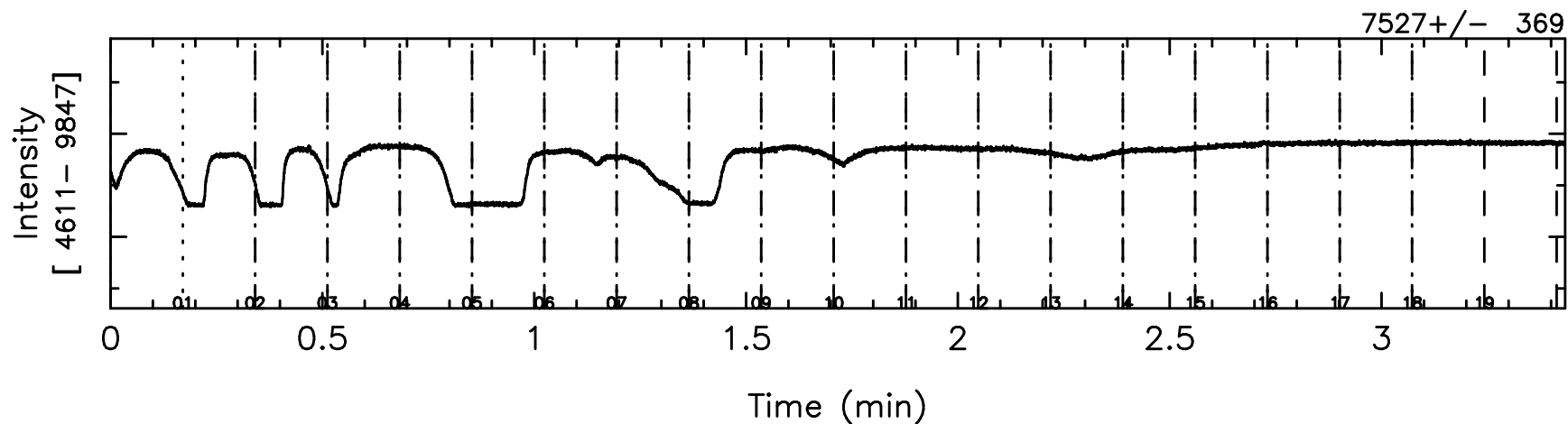
7755+/- 133



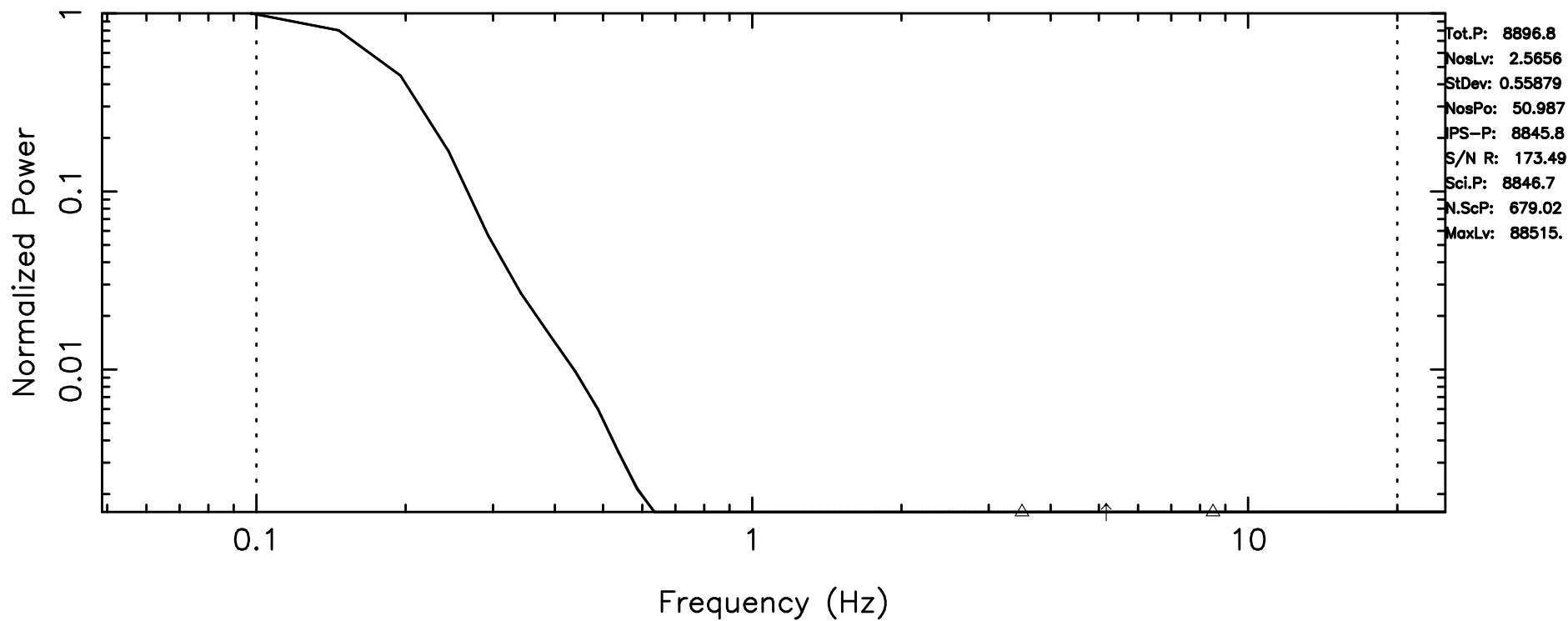
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



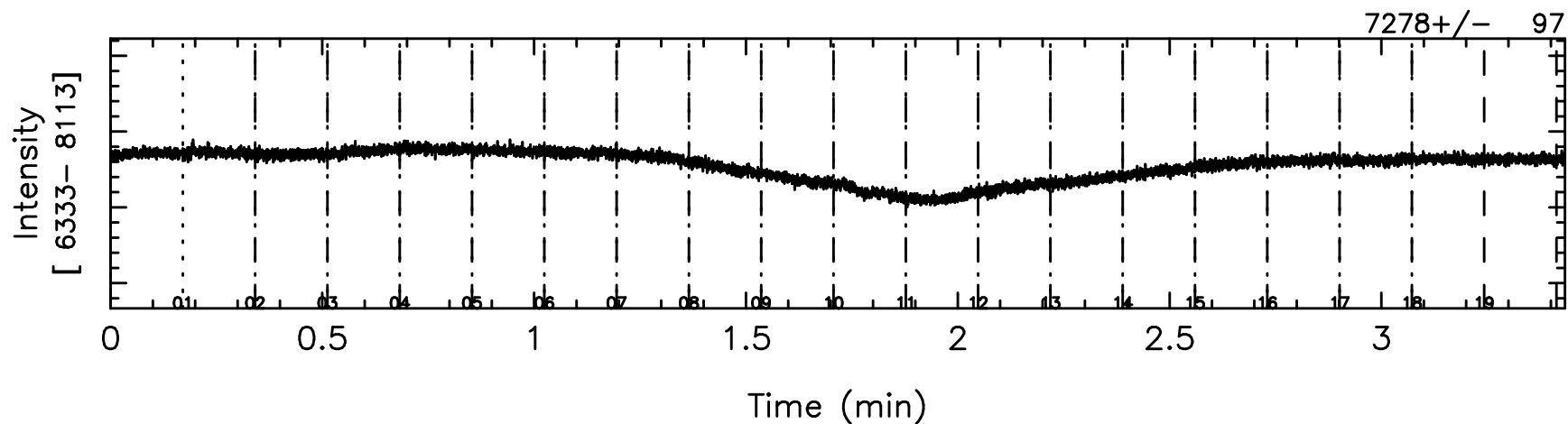
TOYOKAWA 0053+261 2024/07/05(187)05:52:32-05:55:58JST



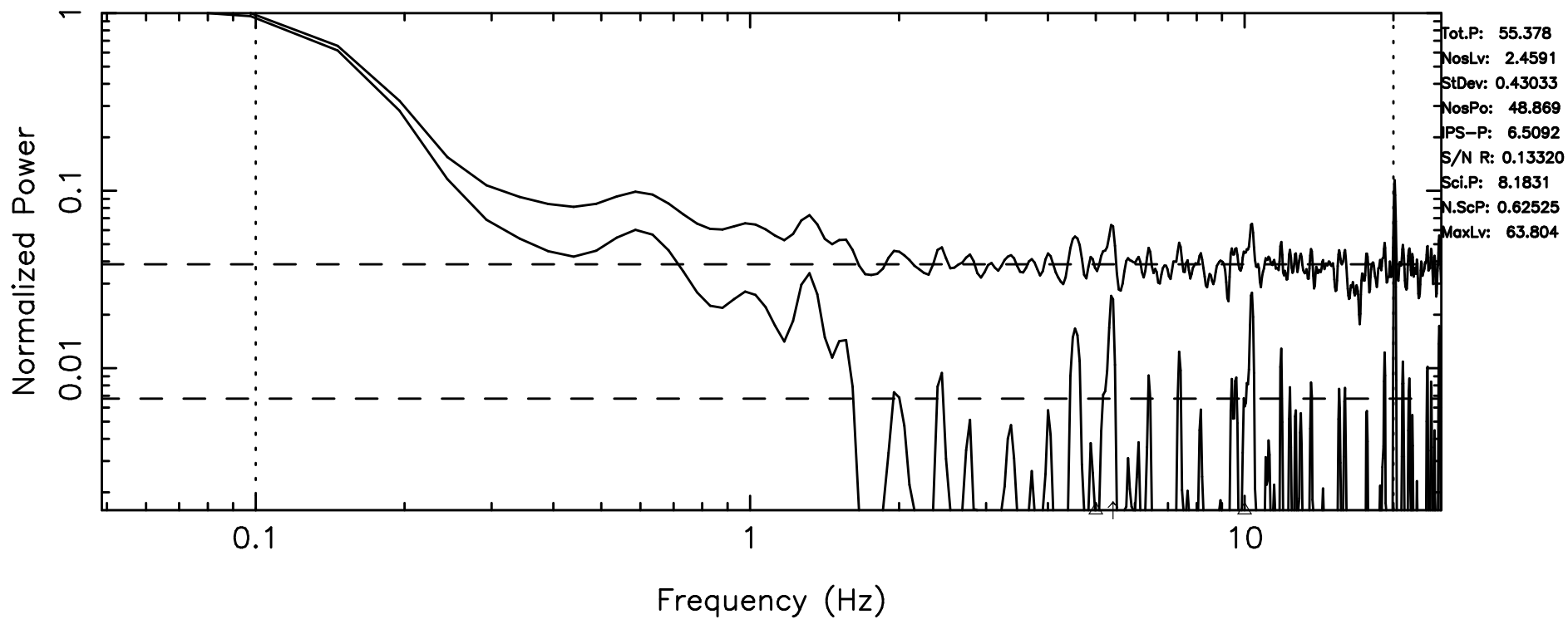
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



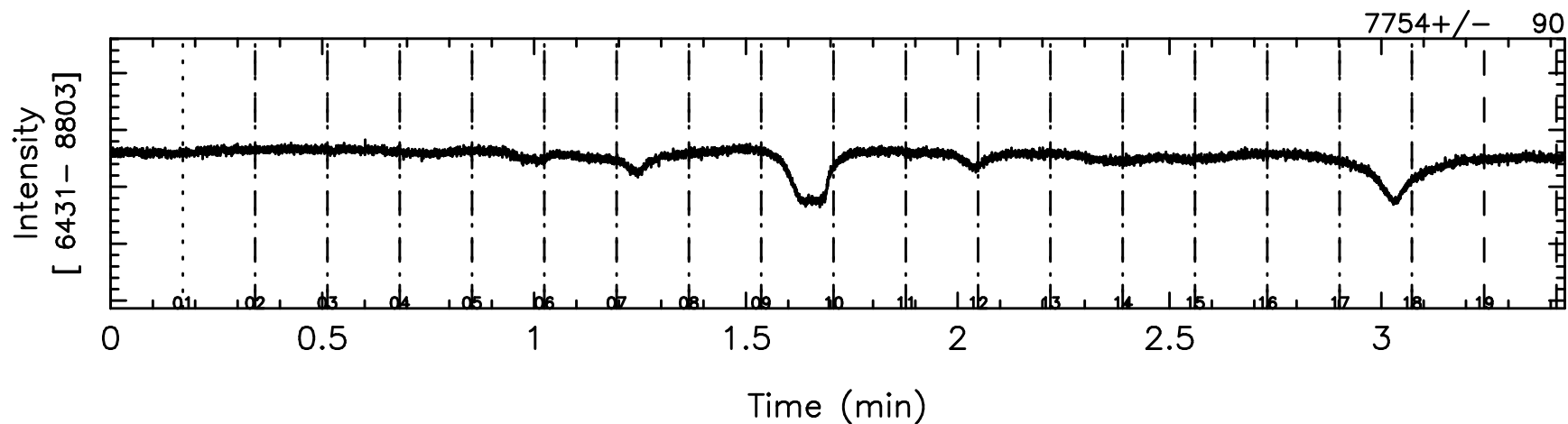
TOYOKAWA 0100+146 2024/07/05(187)05:59:27-06:02:53JST



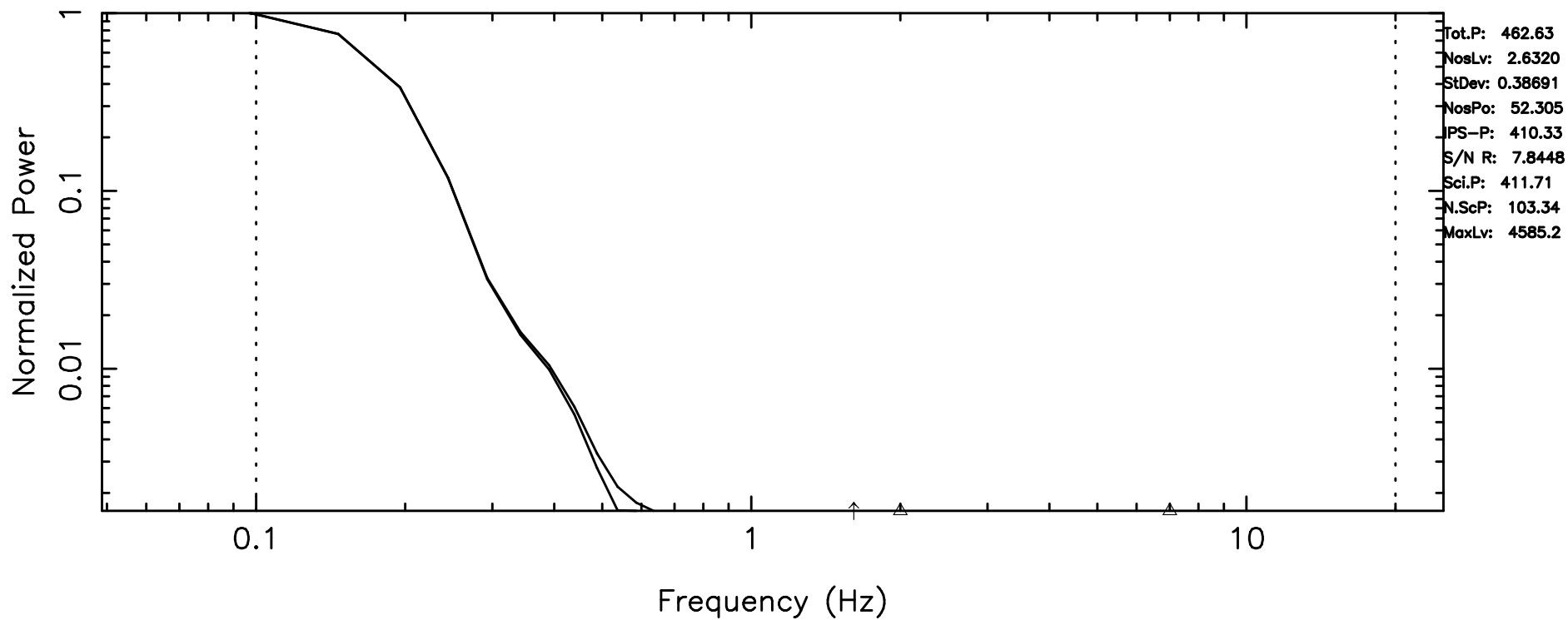
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



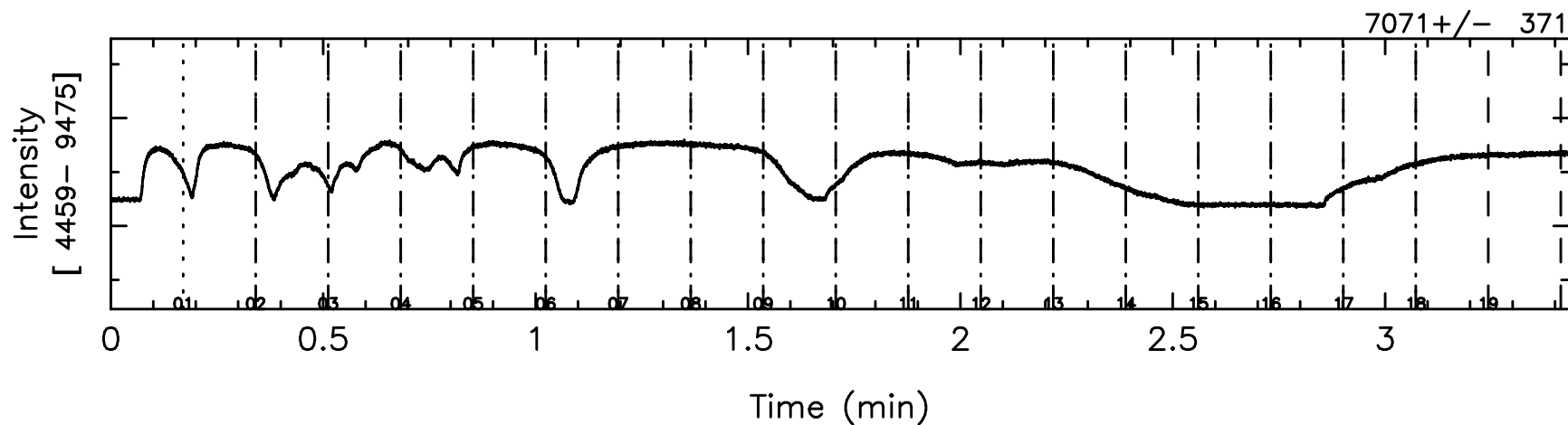
TOYOKAWA 0103+422 2024/07/05(187)06:03:28-06:06:54JST



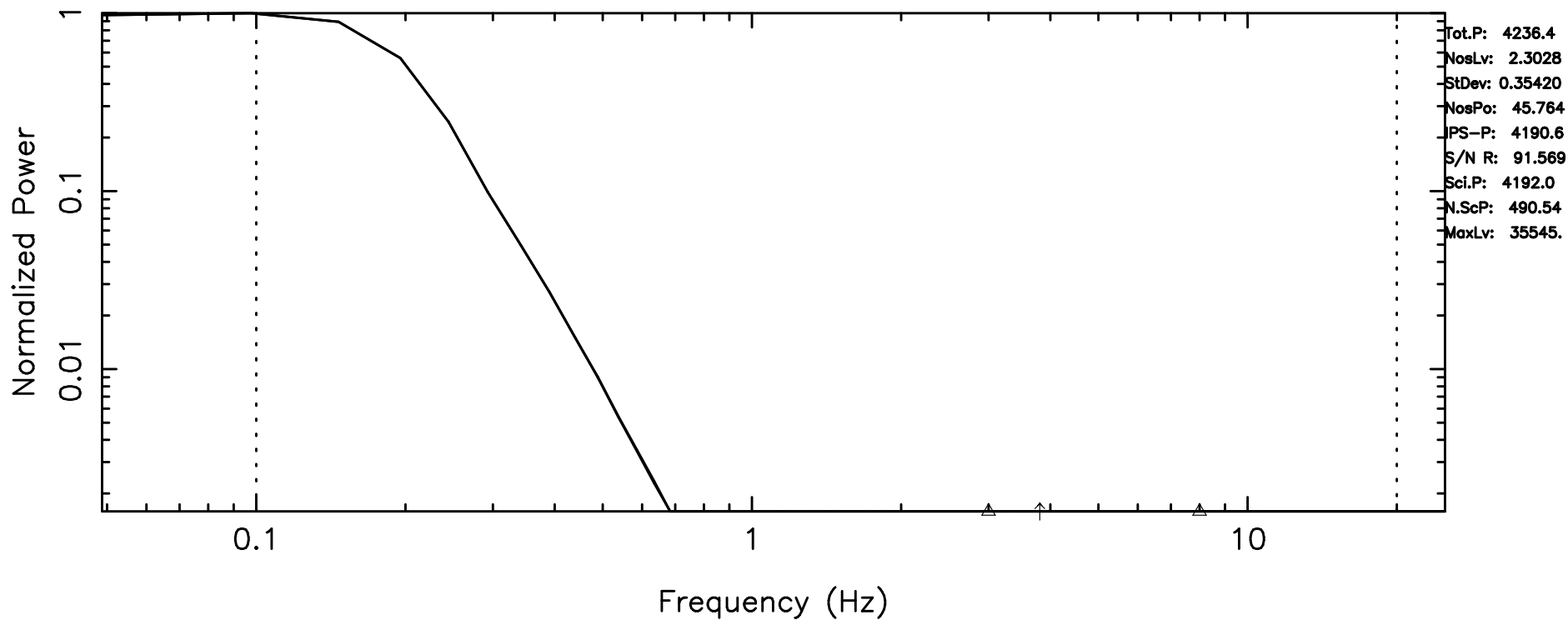
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



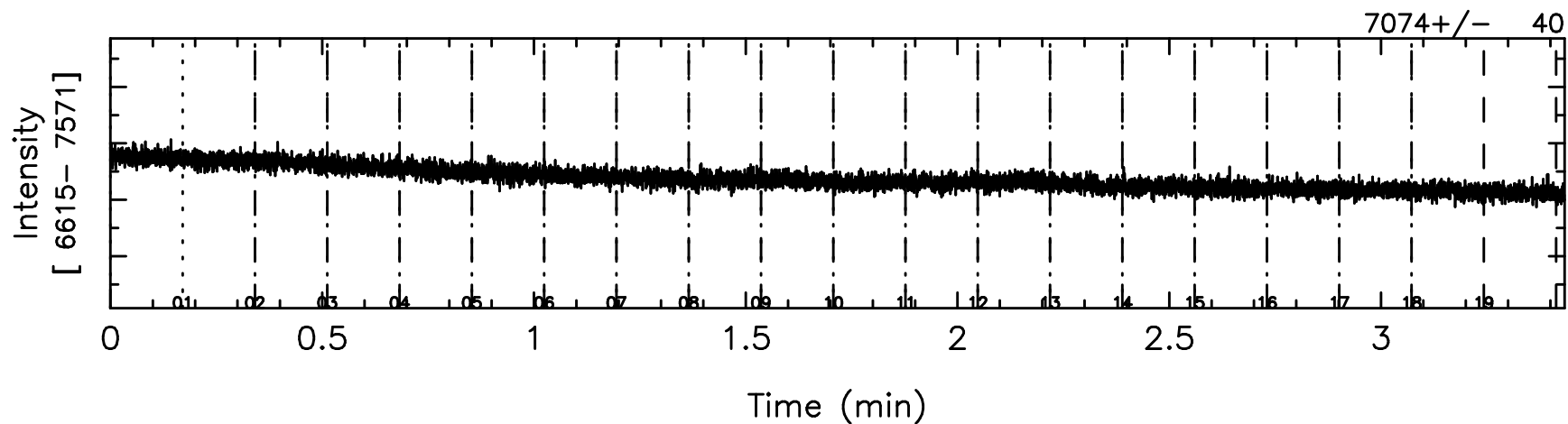
TOYOKAWA 0108+258 2024/07/05(187)06:08:02-06:11:28JST



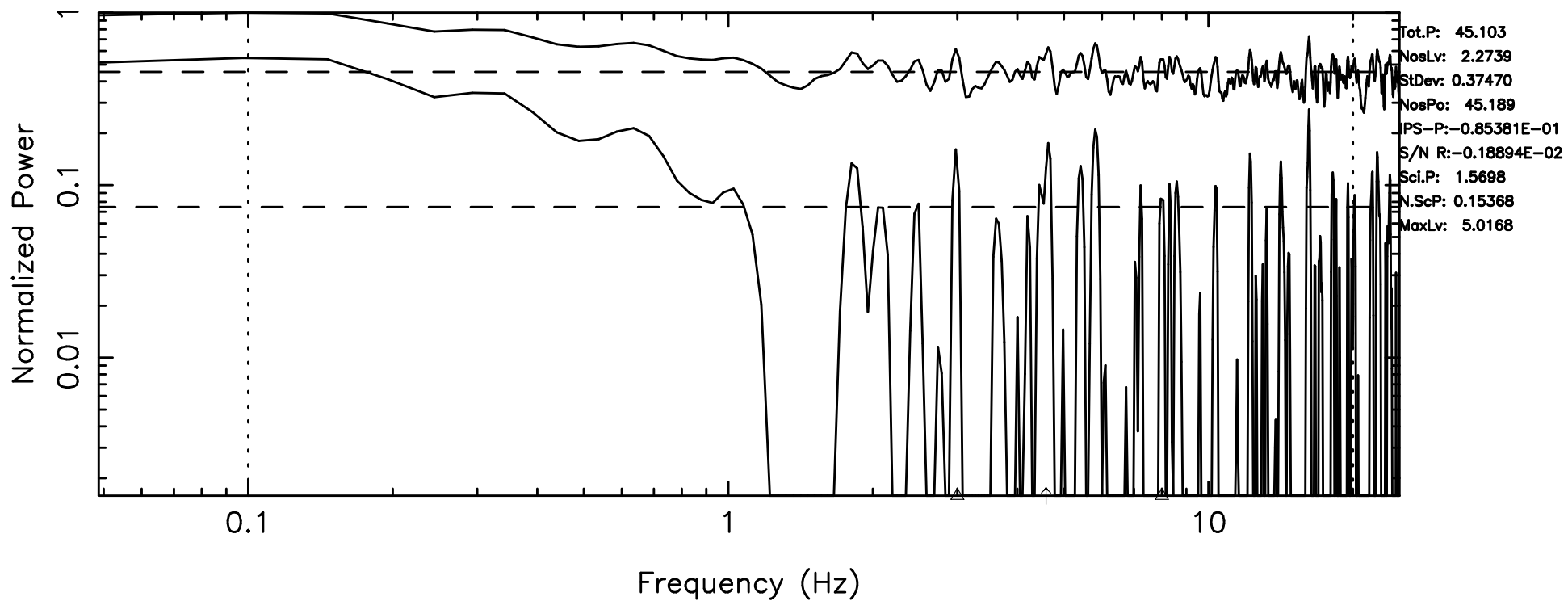
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



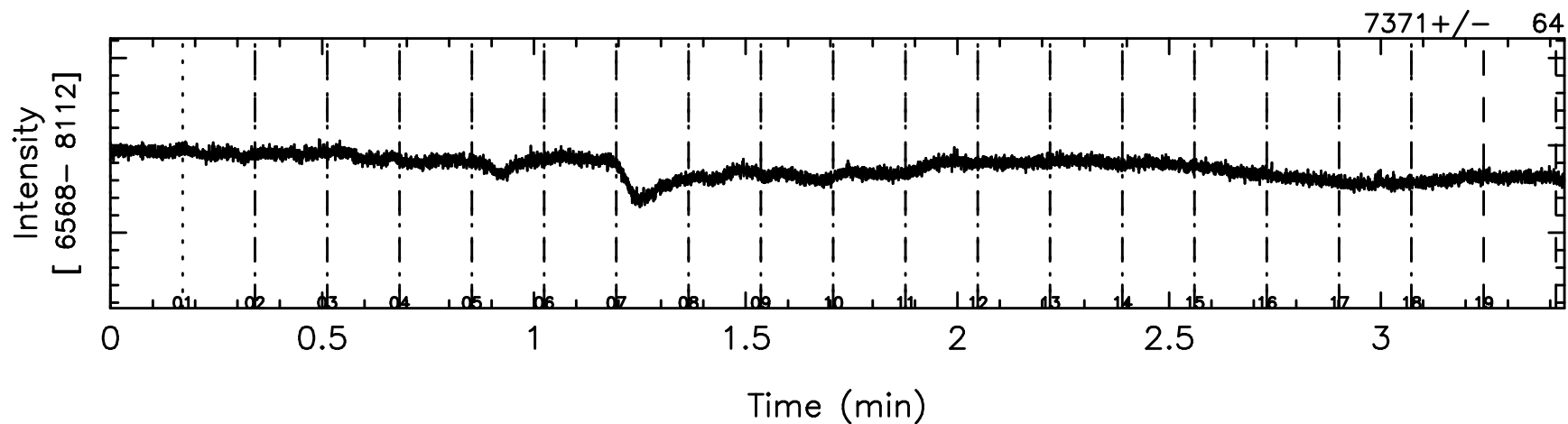
TOYOKAWA 0116+31 2024/07/05(187)06:16:15-06:19:41JST



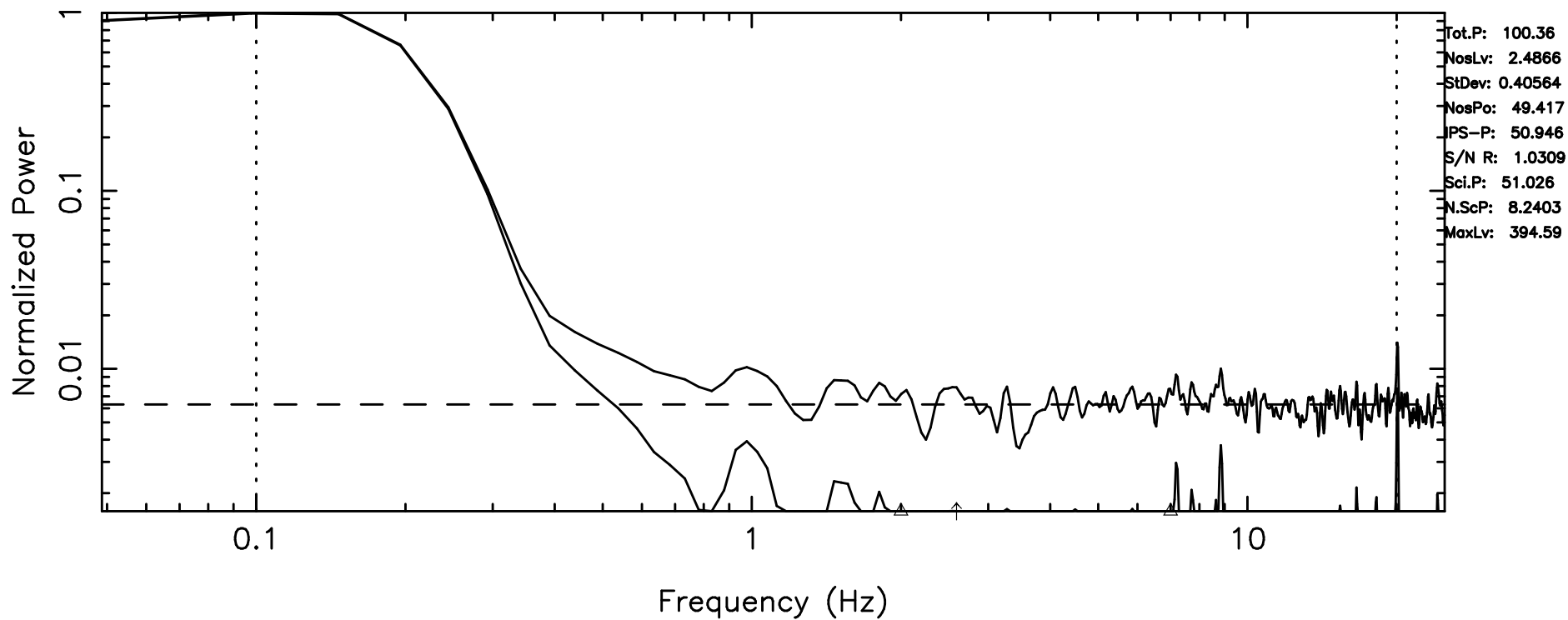
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



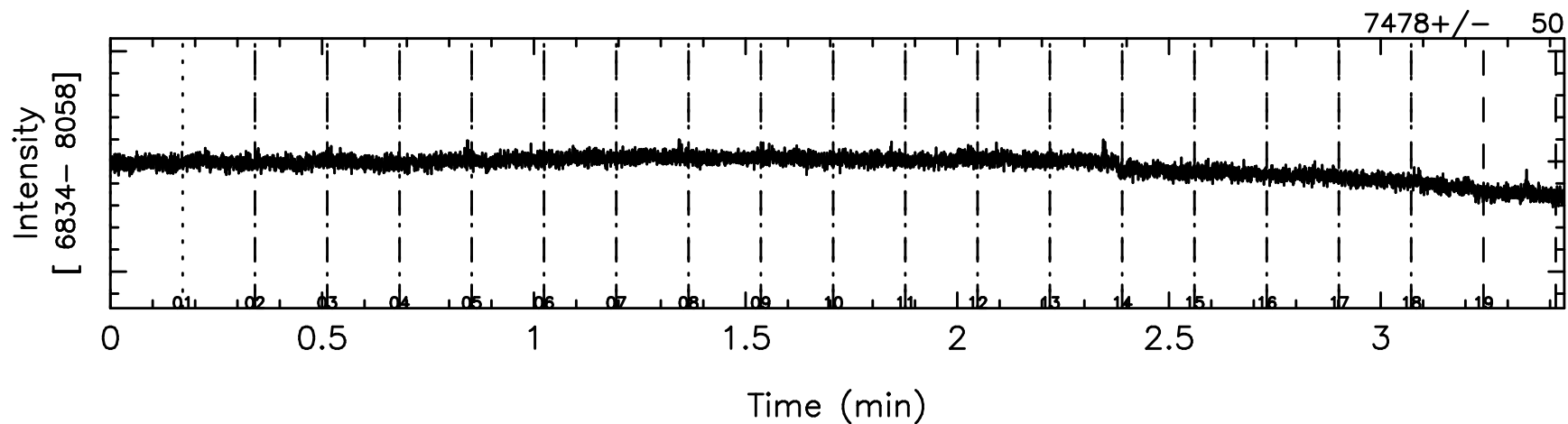
TOYOKAWA 0120+405 2024/07/05(187)06:20:09-06:23:35JST



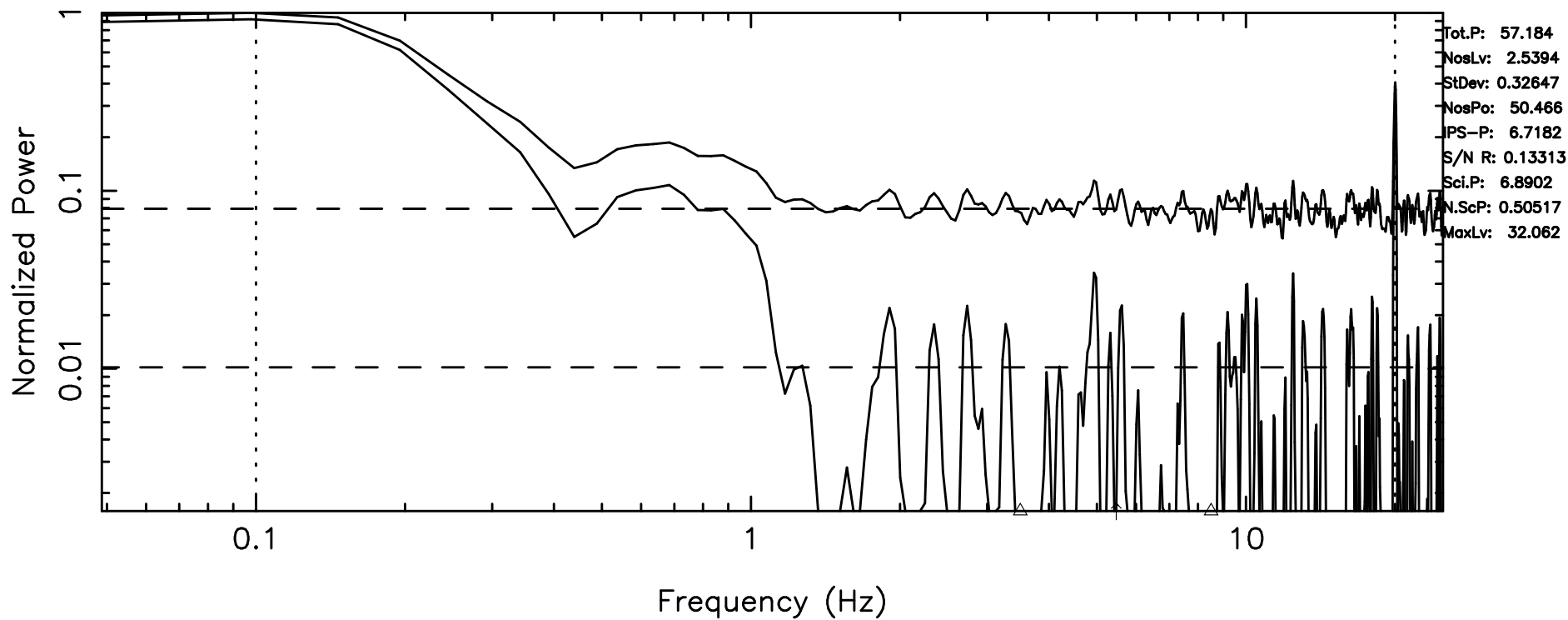
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



TOYOKAWA 0128+03 2024/07/05(187)06:27:48-06:31:14JST



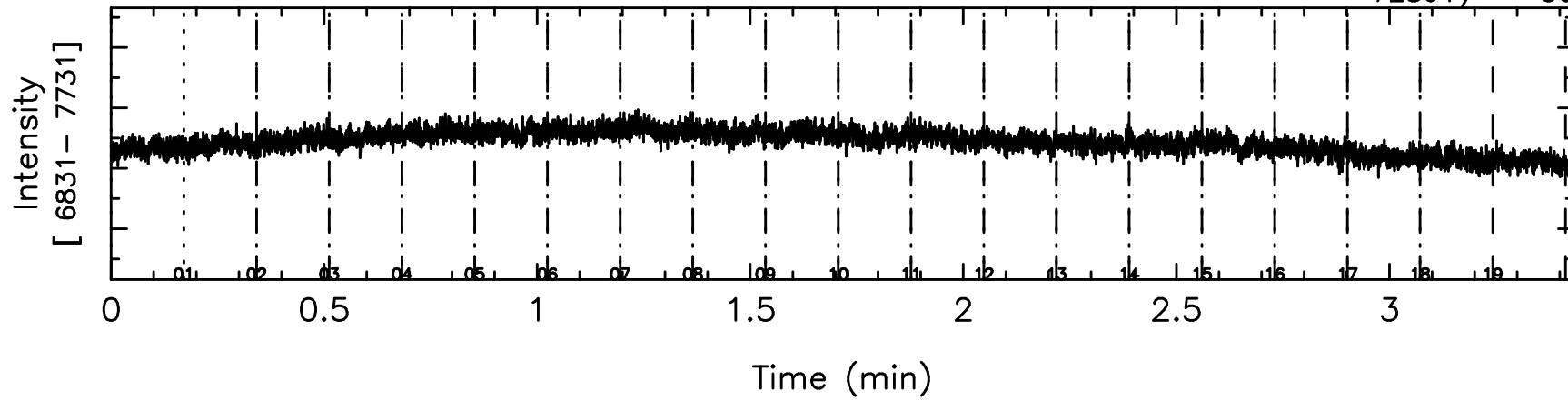
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



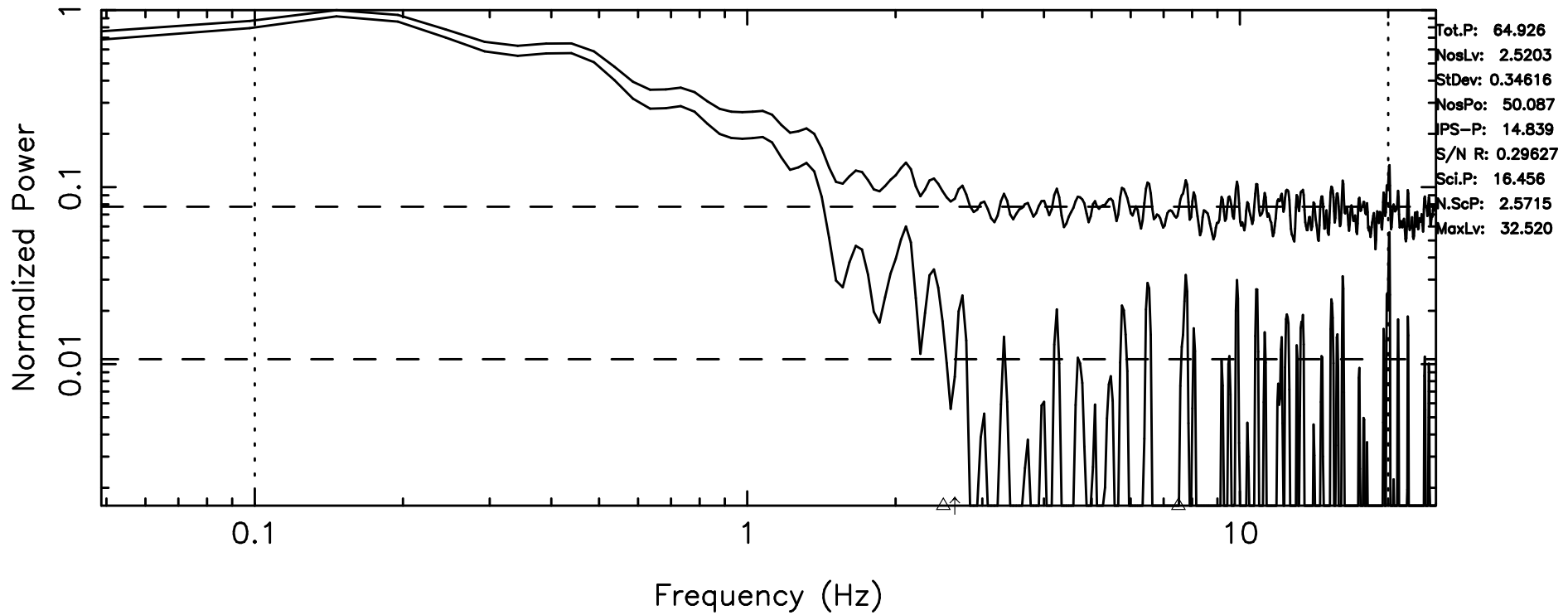
TOYOKAWA 3C48

2024/07/05(187)06:34:21-06:37:47JST

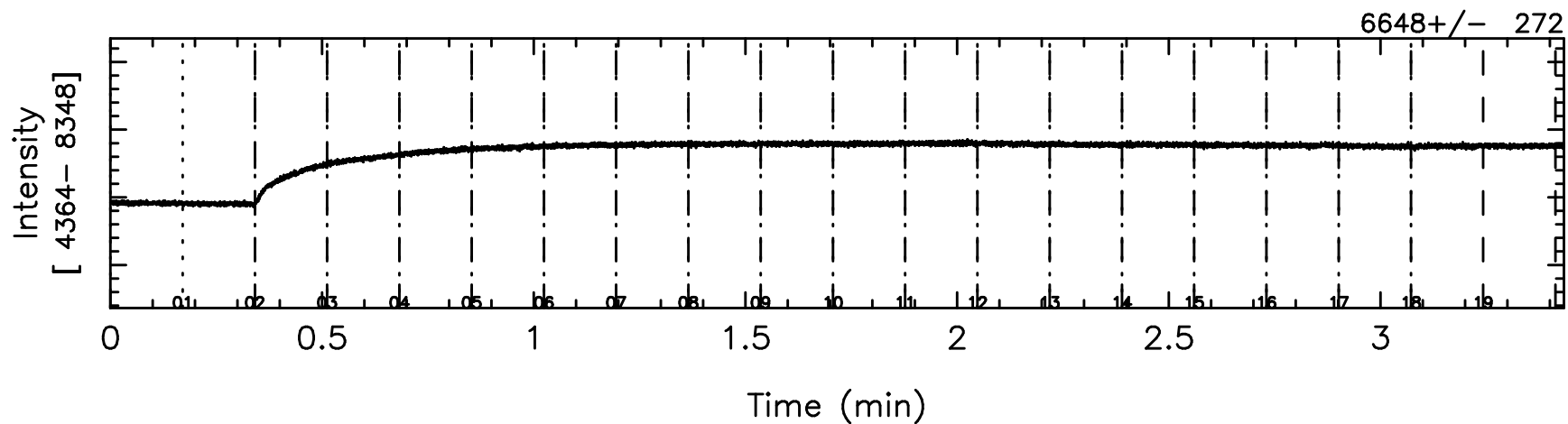
7286+/- 36



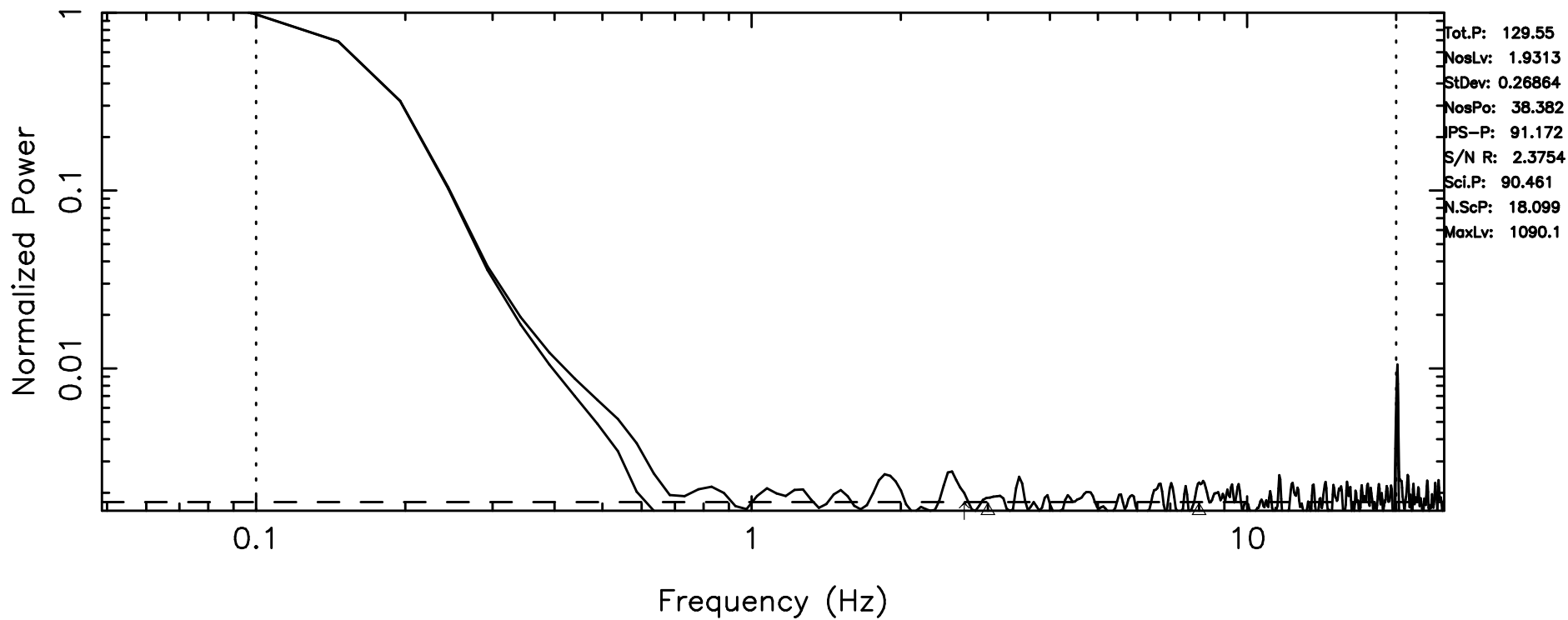
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



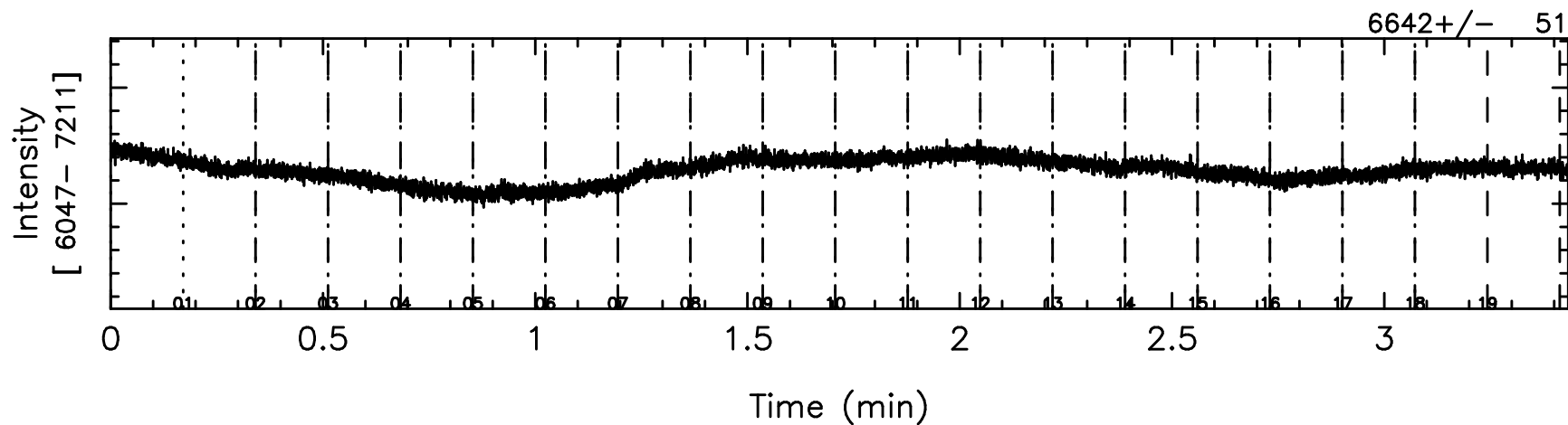
TOYOKAWA 0148+274 2024/07/05(187)06:48:05-06:51:31JST



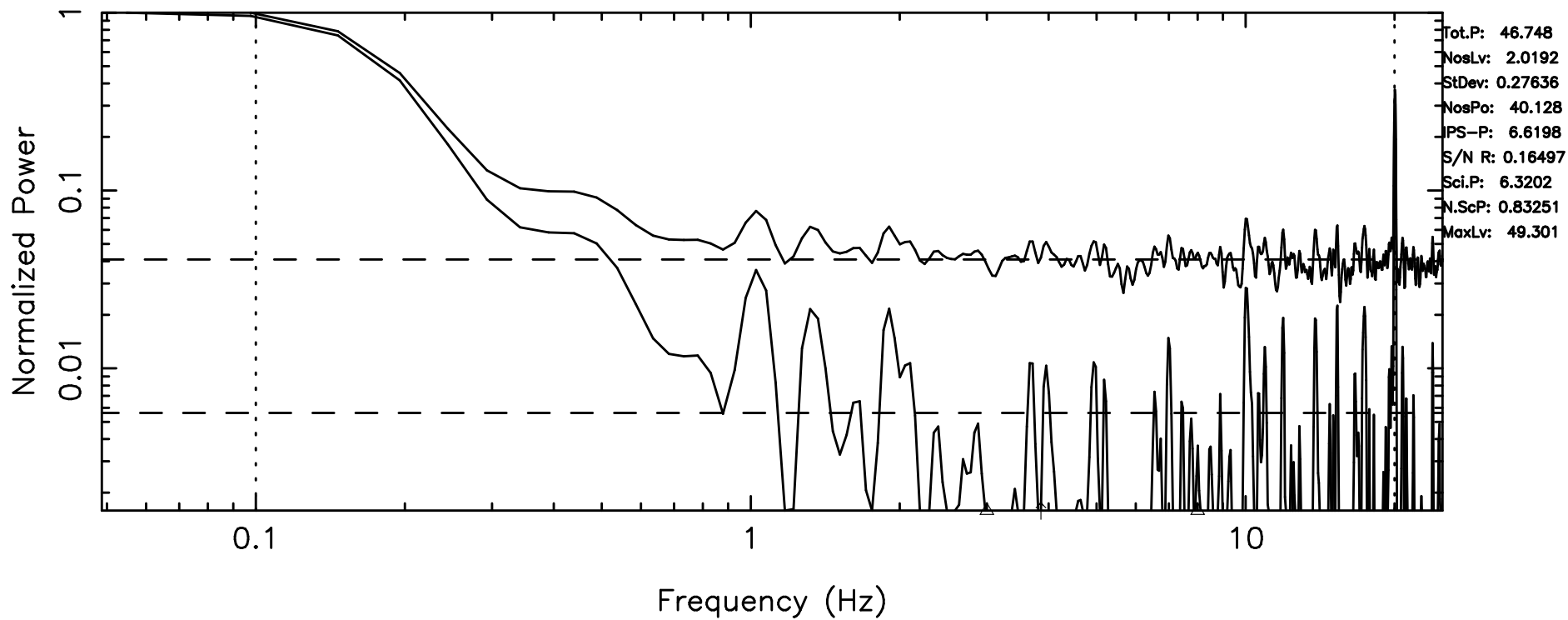
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



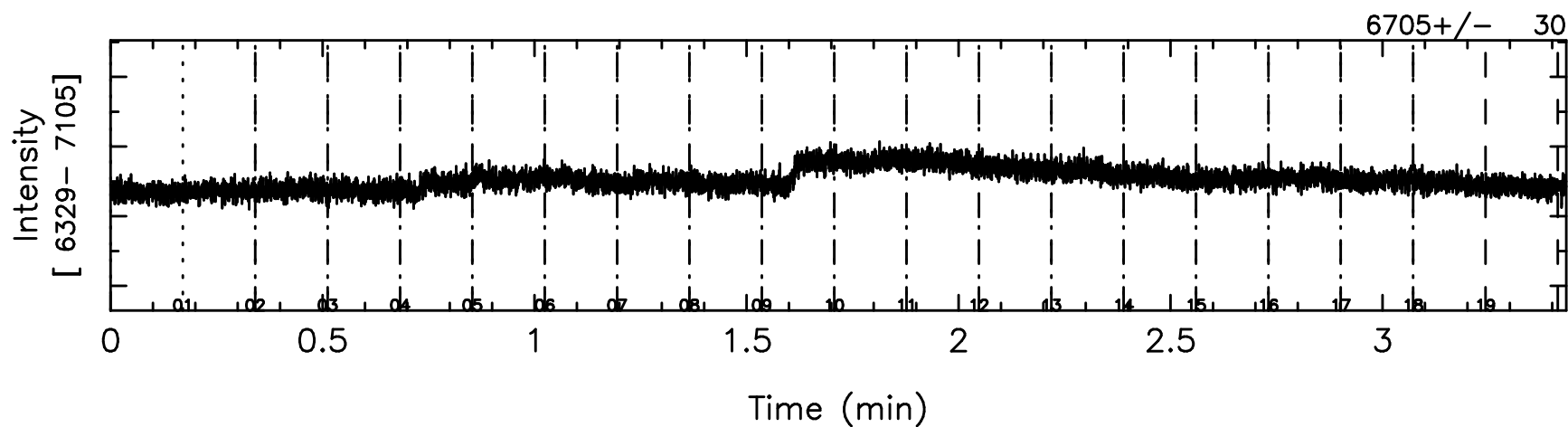
TOYOKAWA 0155-109 2024/07/05(187)06:54:06-06:57:32JST



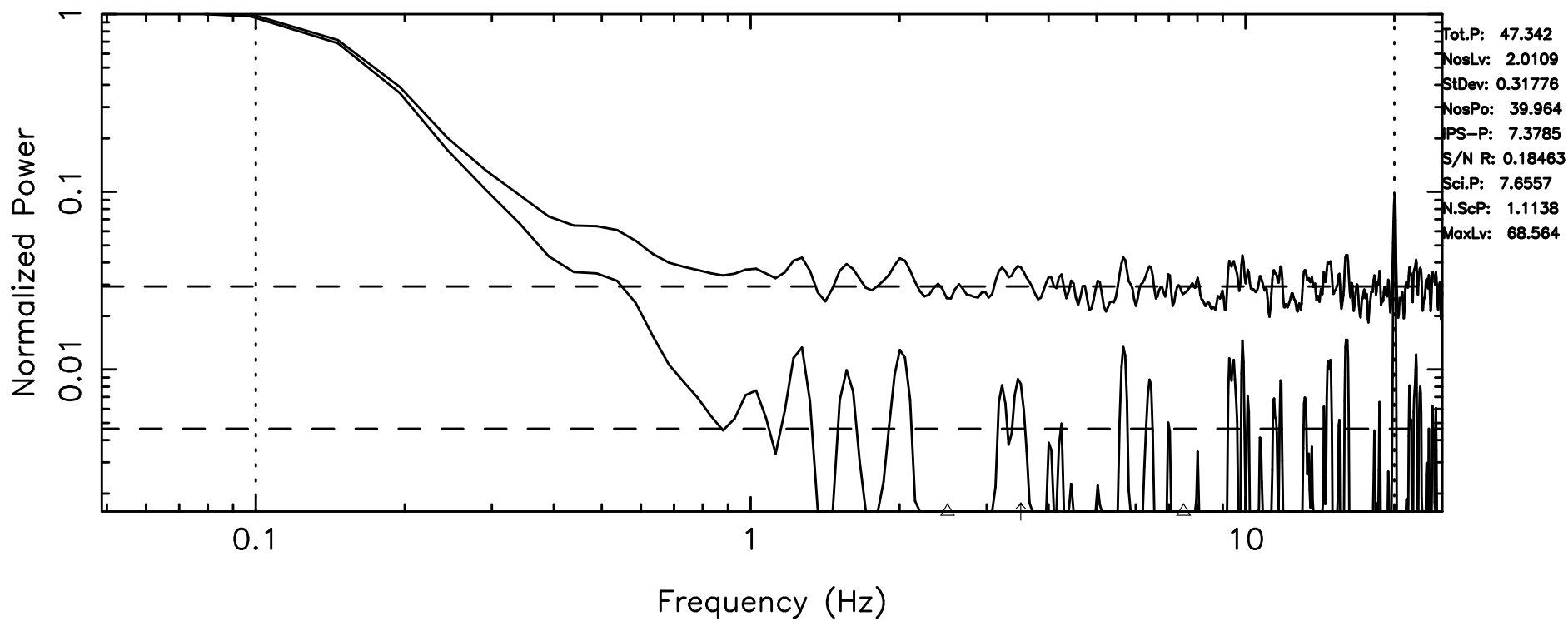
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



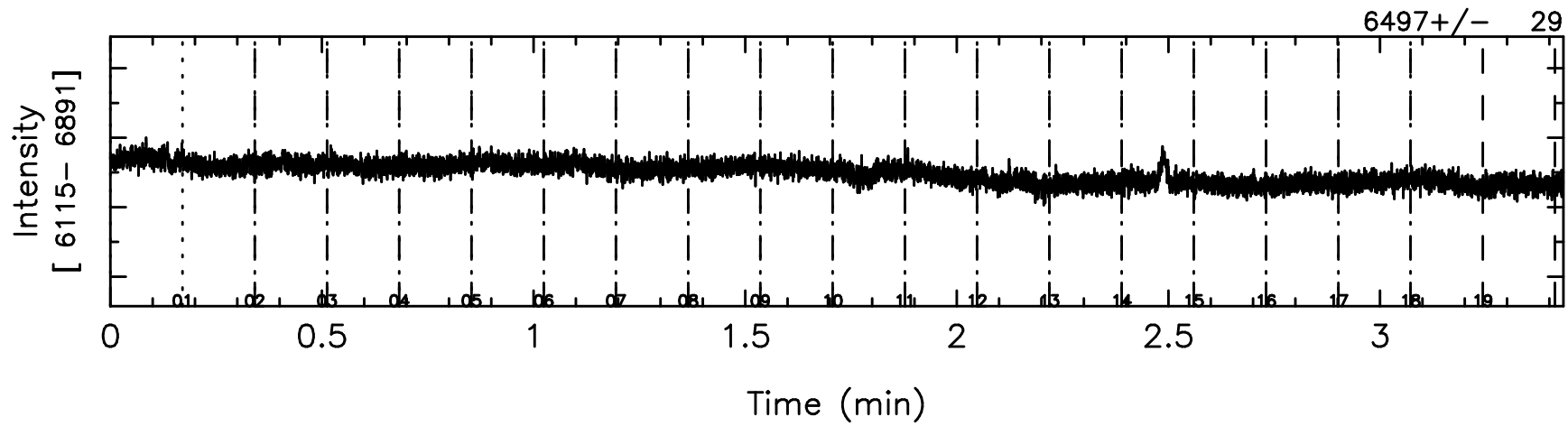
TOYOKAWA 0202+15 2024/07/05(187)07:01:13-07:04:39JST



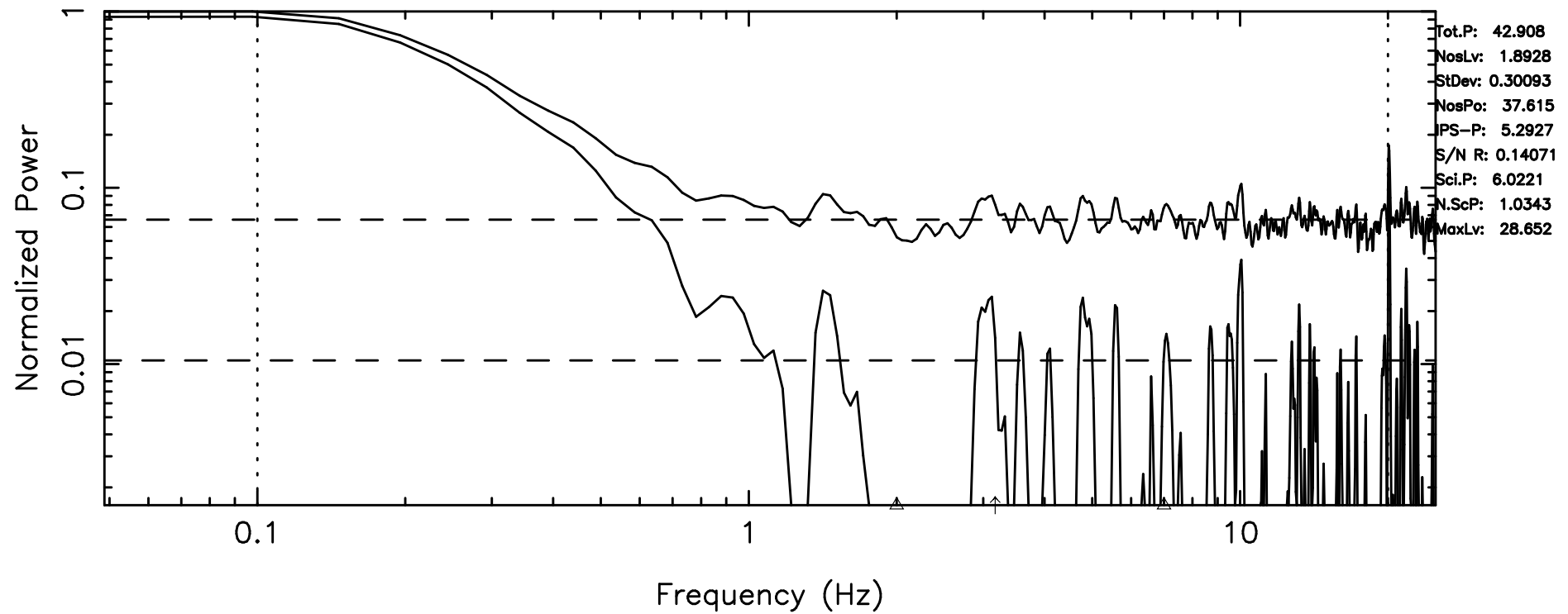
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



TOYOKAWA 0213+178 2024/07/05(187)07:13:03-07:16:29JST



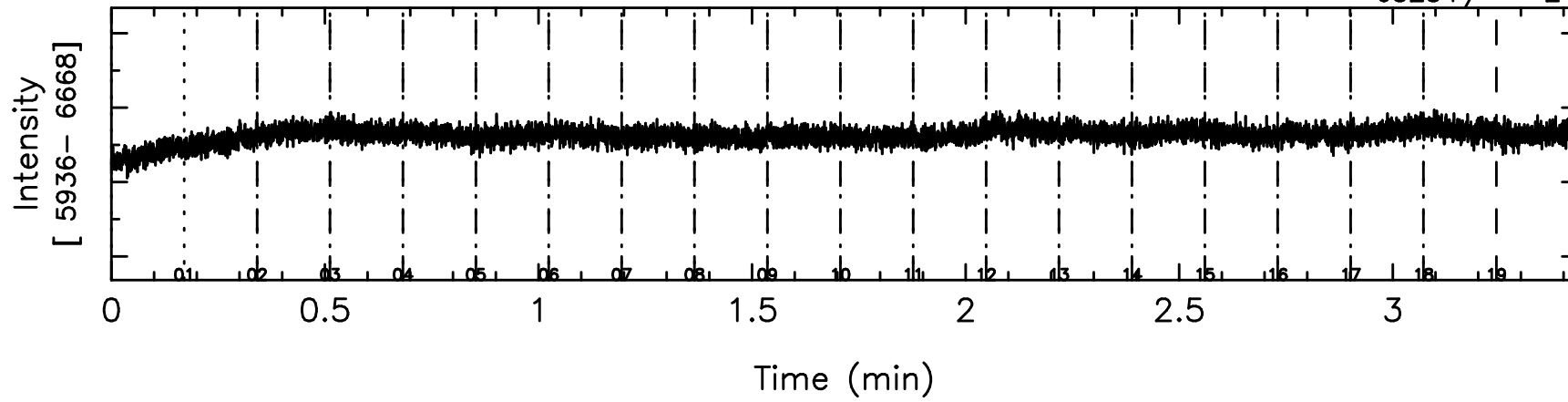
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



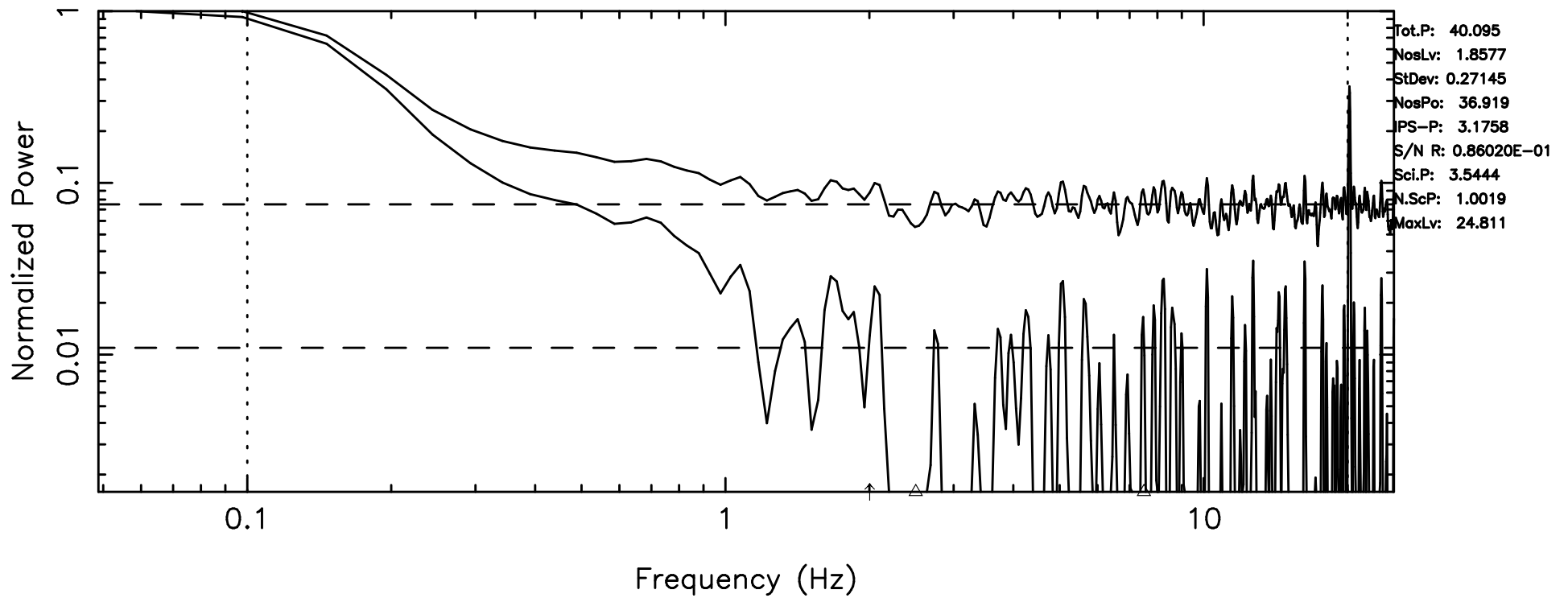
TOYOKAWA 3C67

2024/07/05(187)07:20:46-07:24:12JST

6325+/- 21

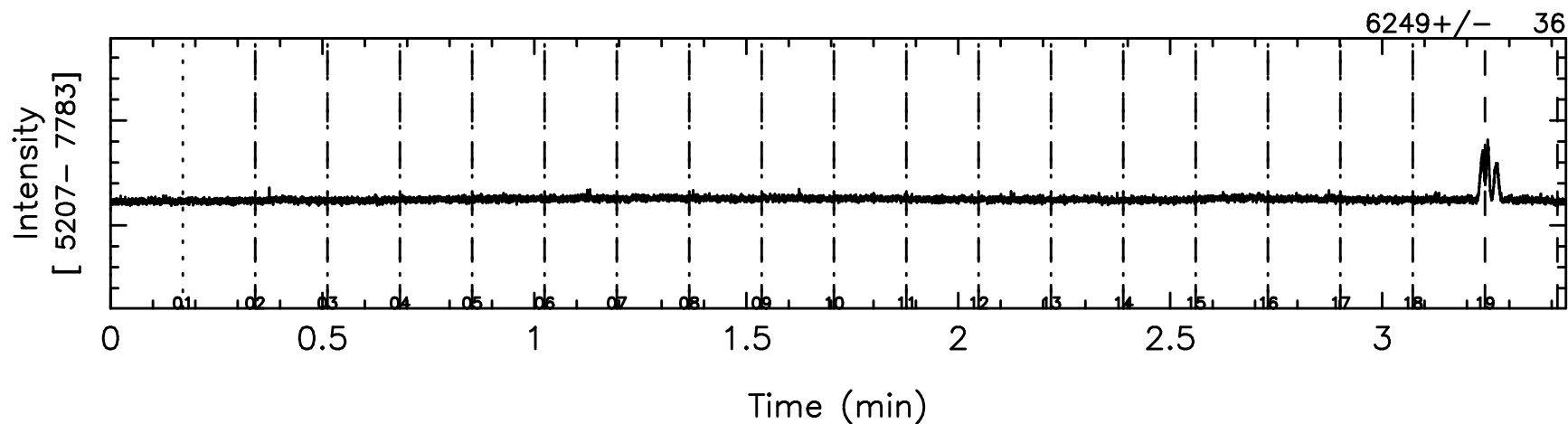


DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)

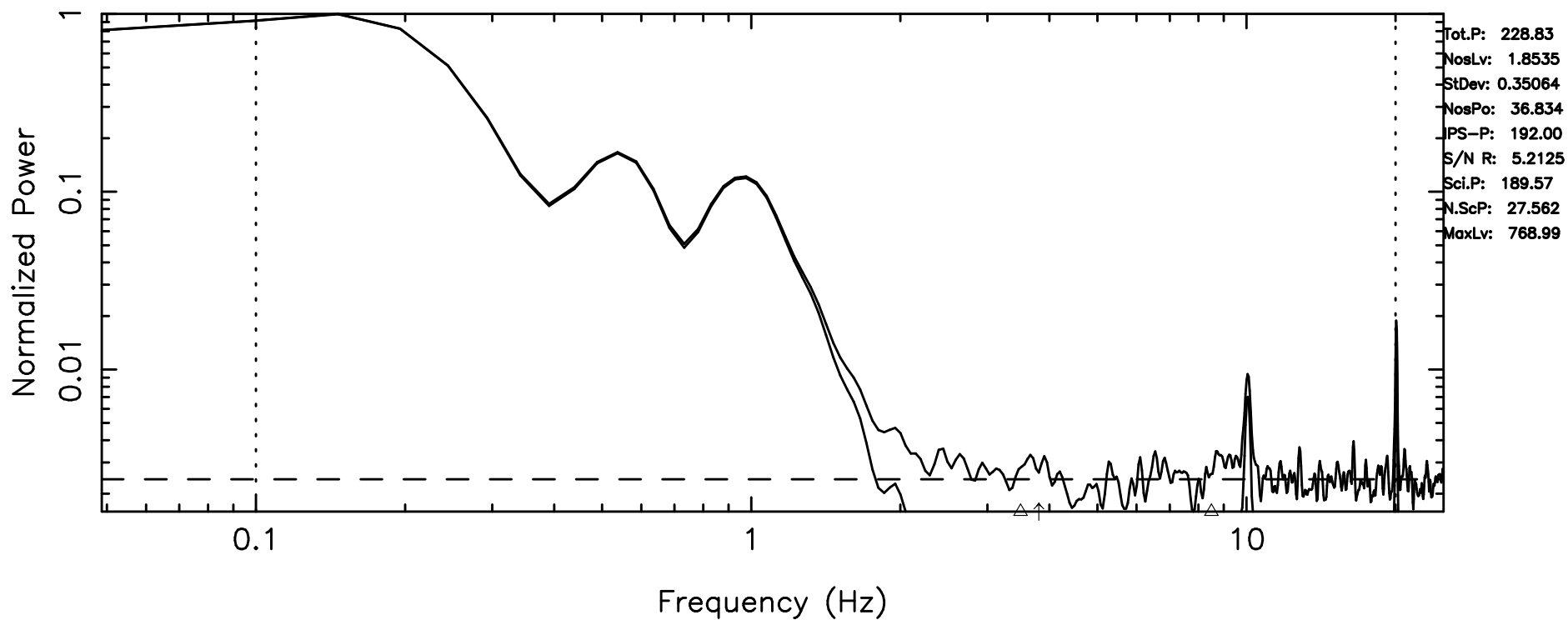


TOYOKAWA 3C71

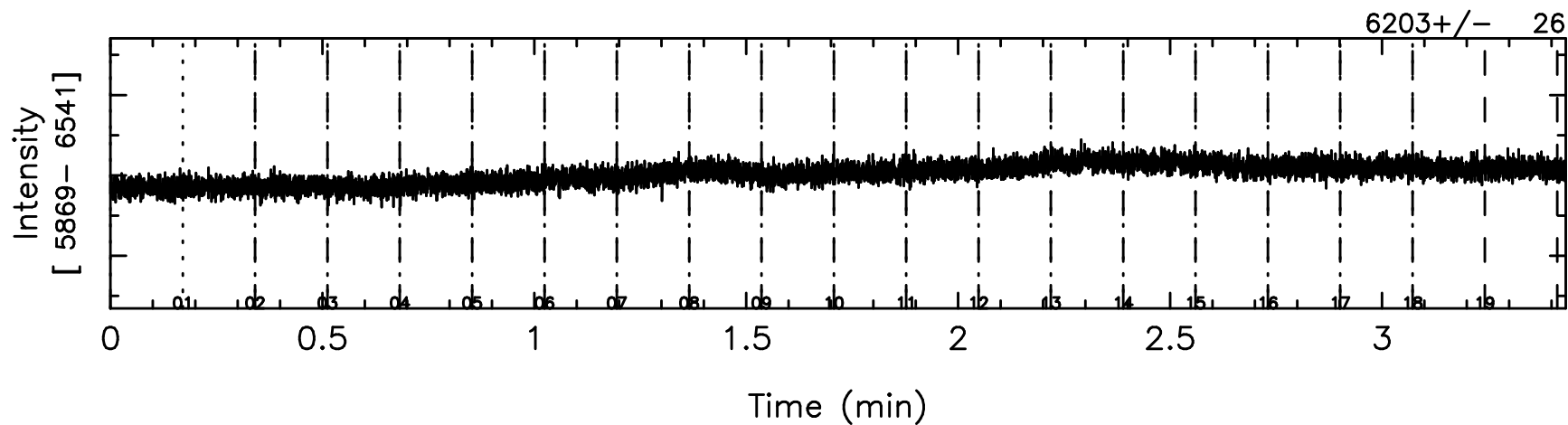
2024/07/05(187)07:39:01-07:42:27JST



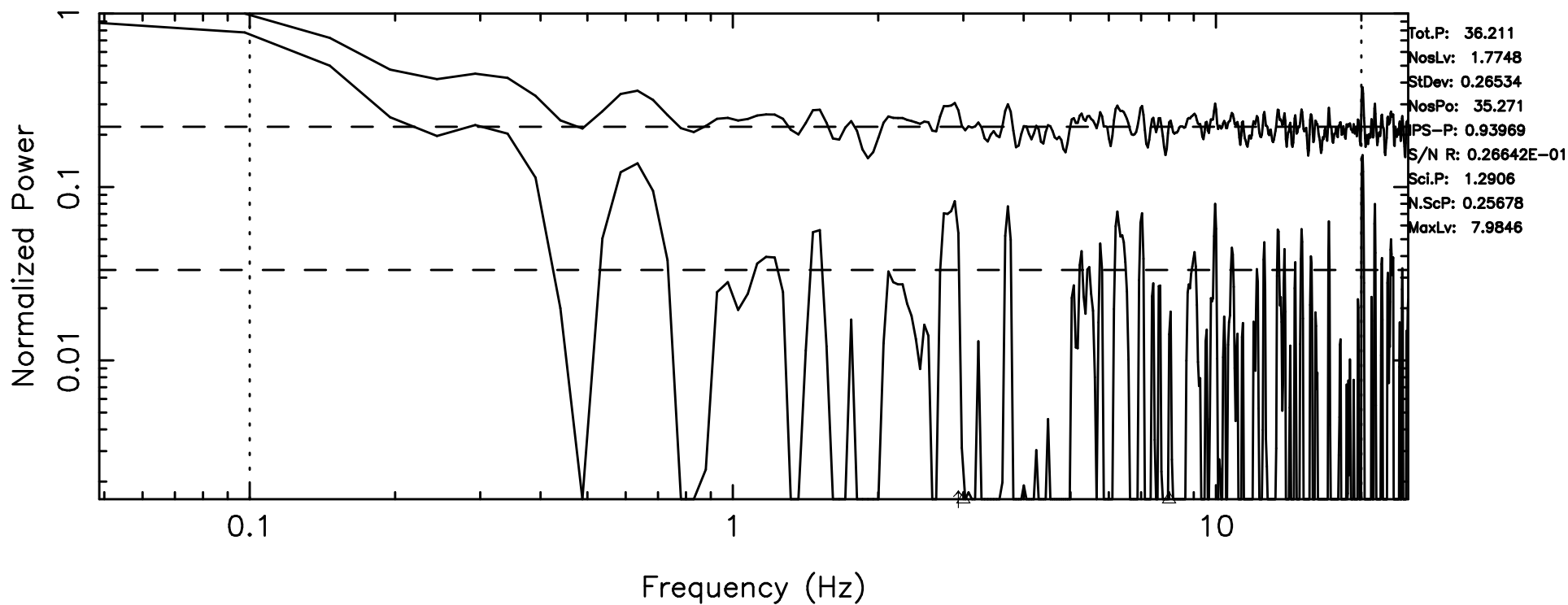
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



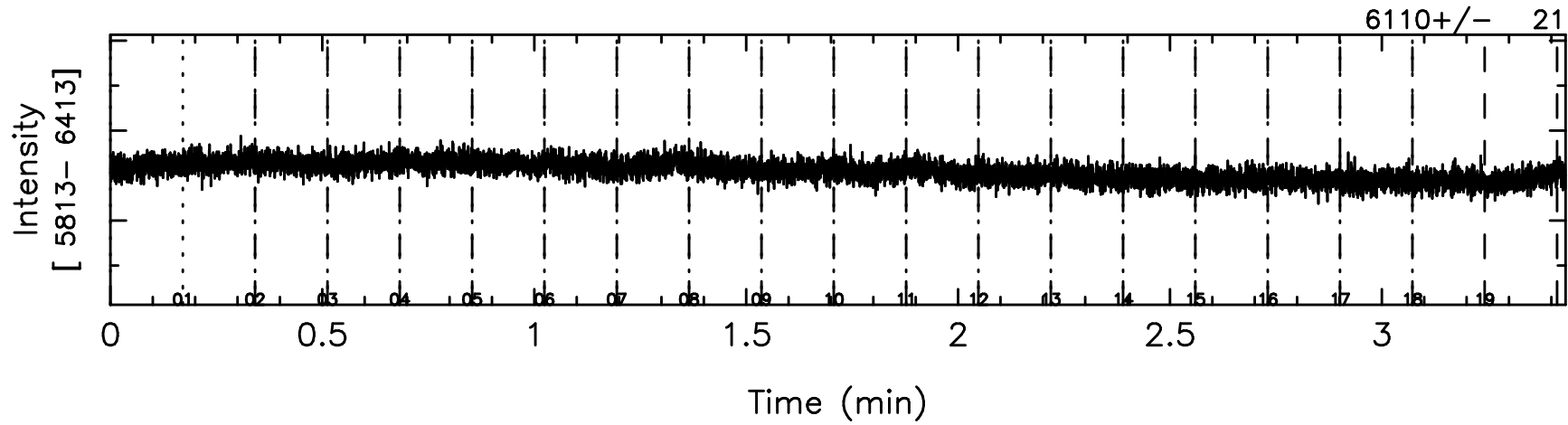
TOYOKAWA 0258+350 2024/07/05(187)07:58:16-08:01:42JST



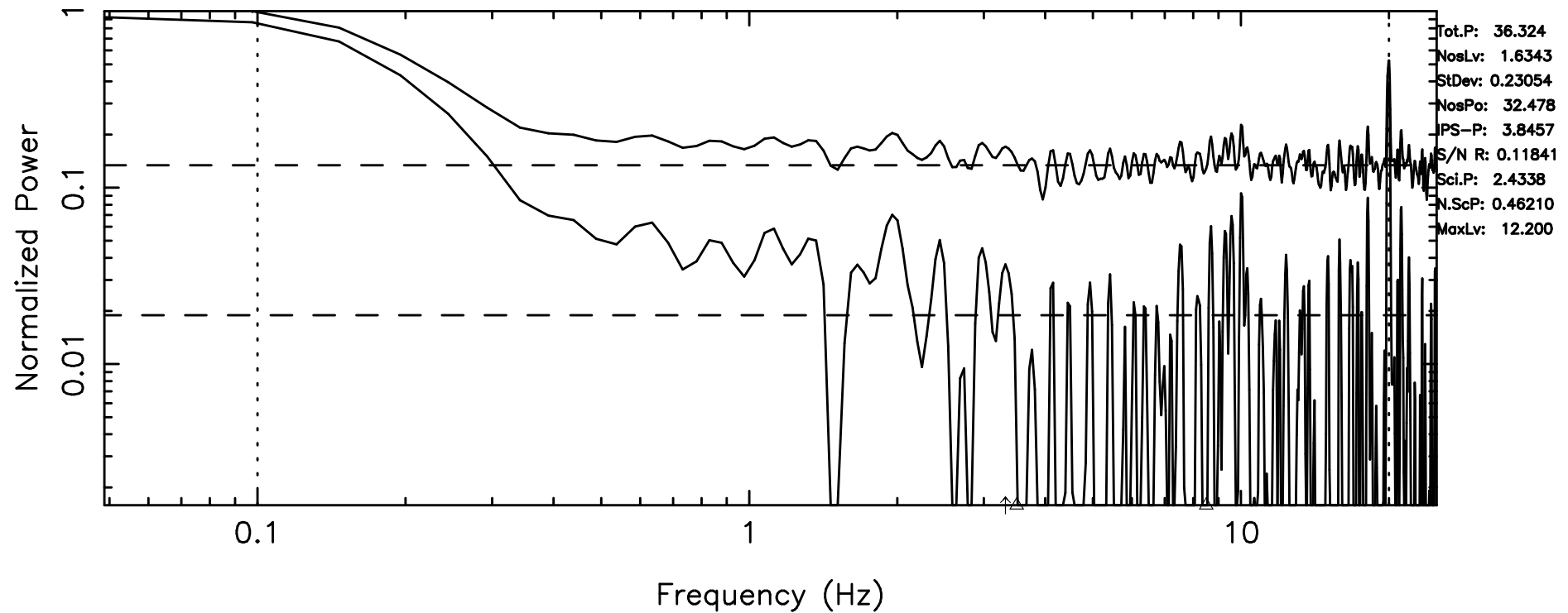
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



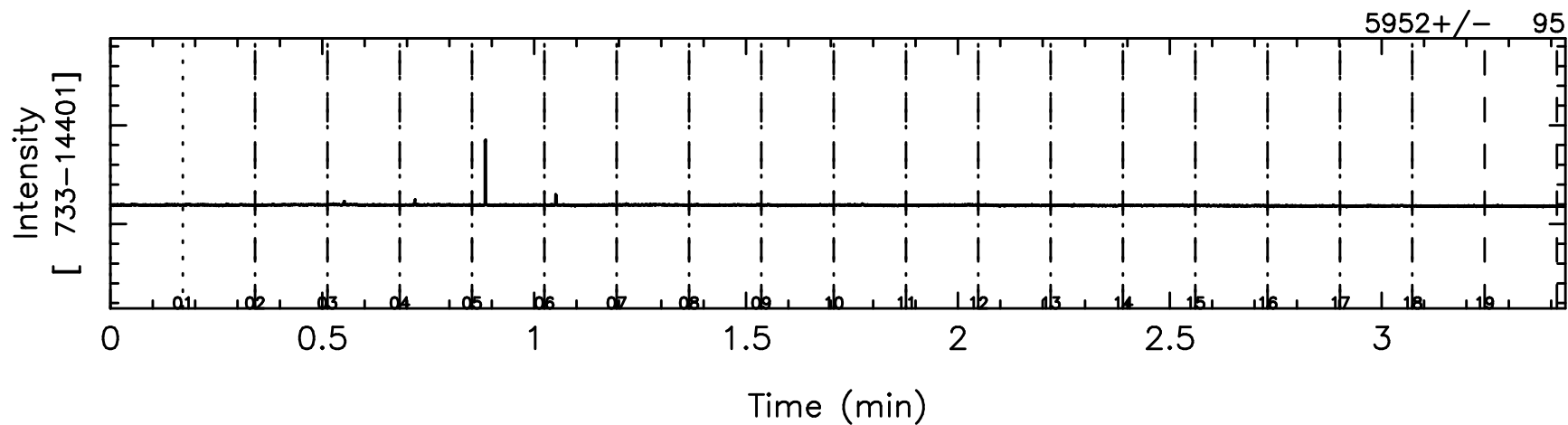
TOYOKAWA 0308+305 2024/07/05(187)08:08:05-08:11:31JST



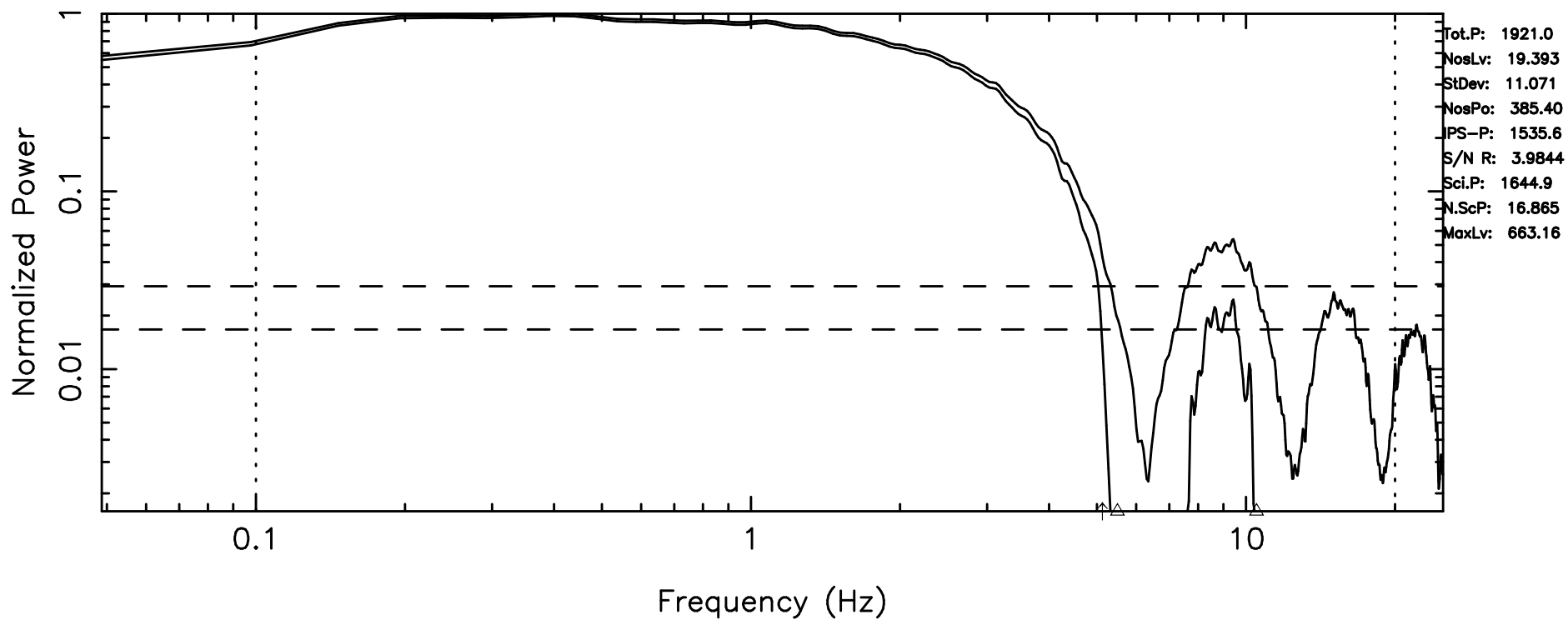
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



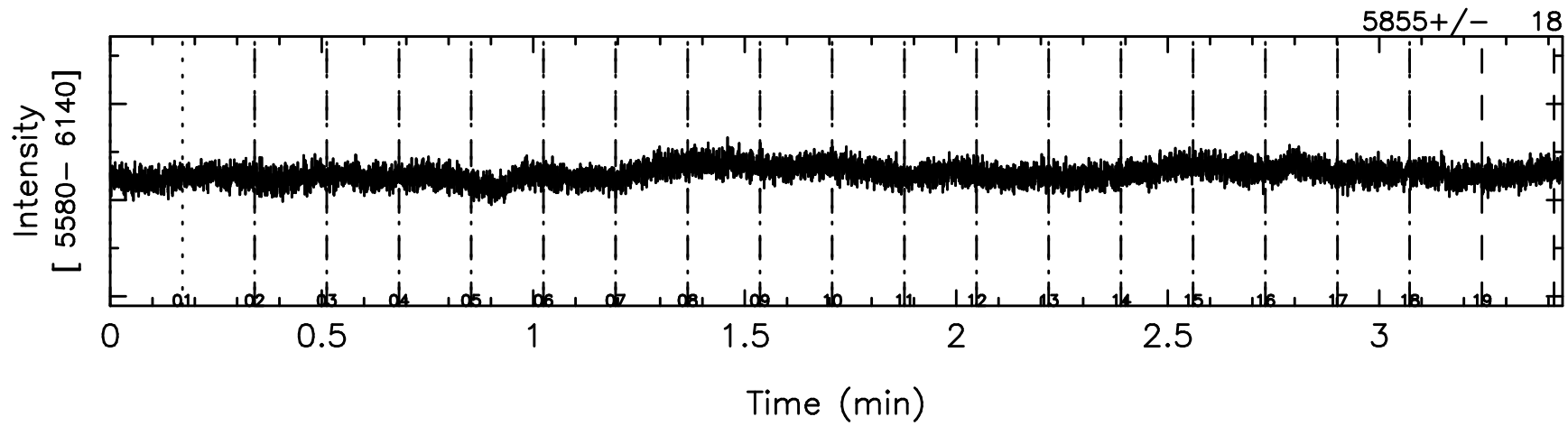
TOYOKAWA 0320+05 2024/07/05(187)08:19:37-08:23:03JST



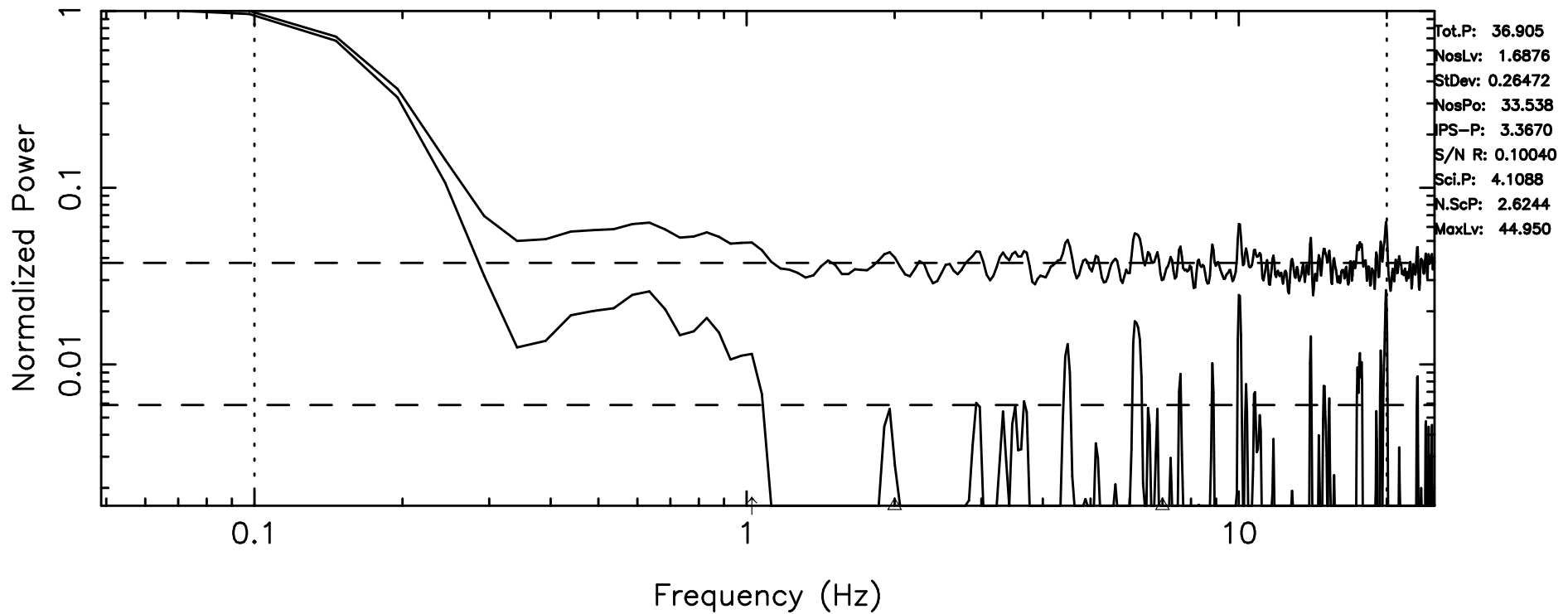
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



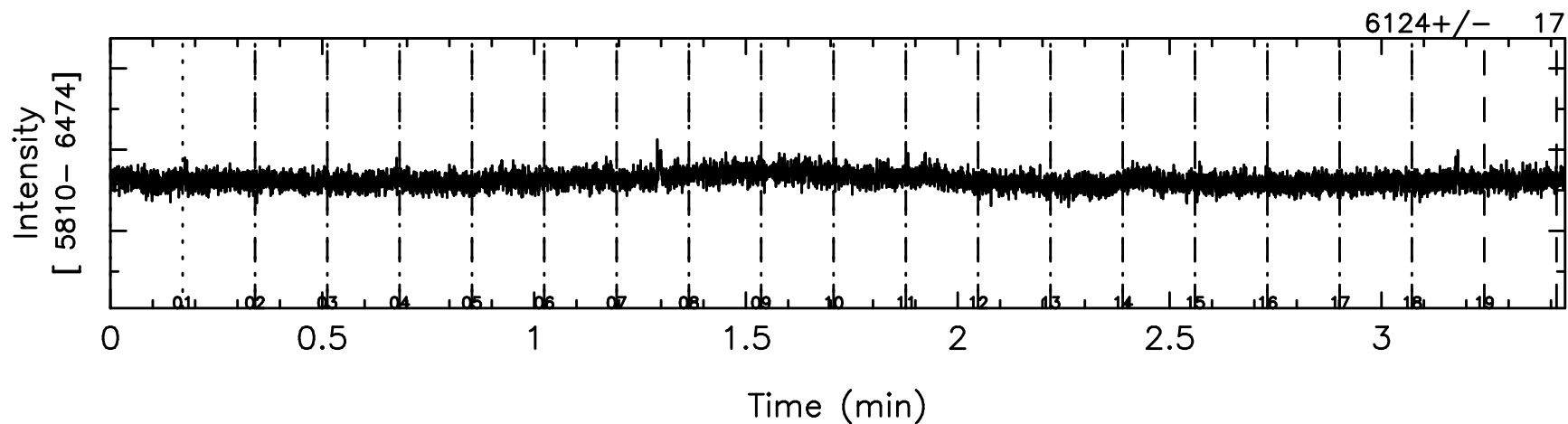
TOYOKAWA 0324+119 2024/07/05(187)08:23:41-08:27:07JST



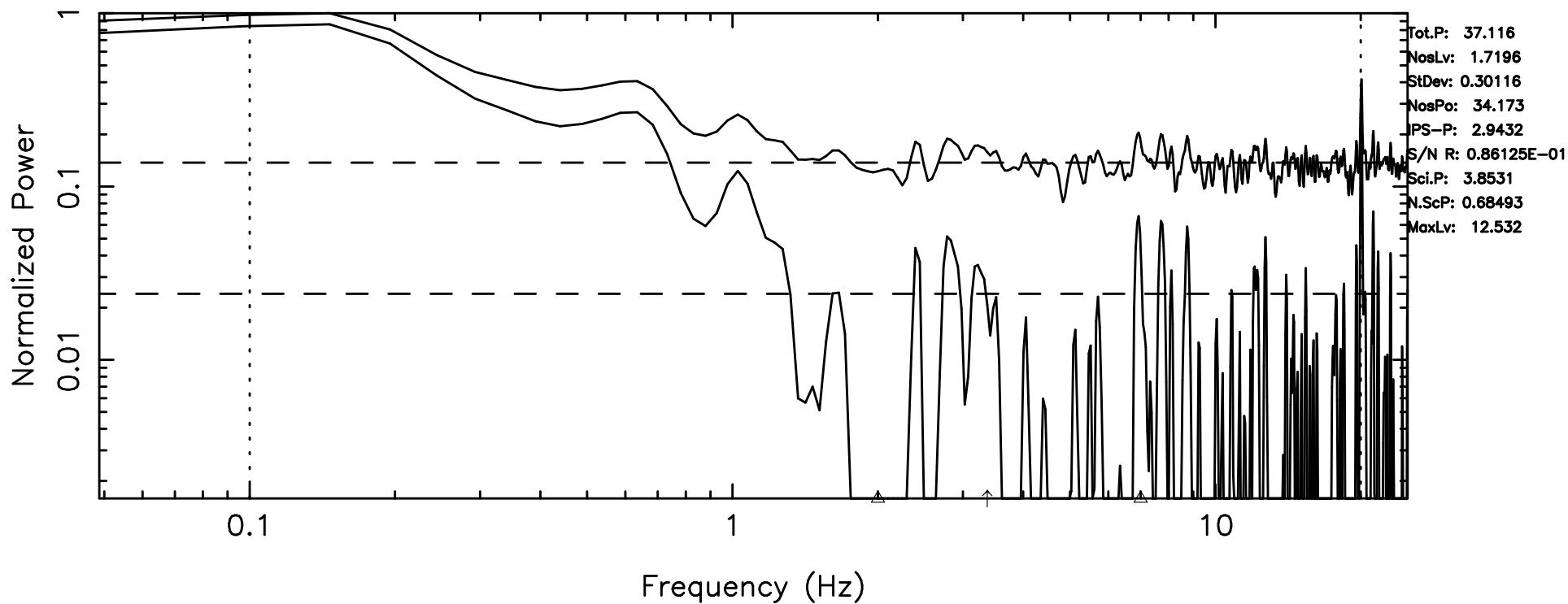
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



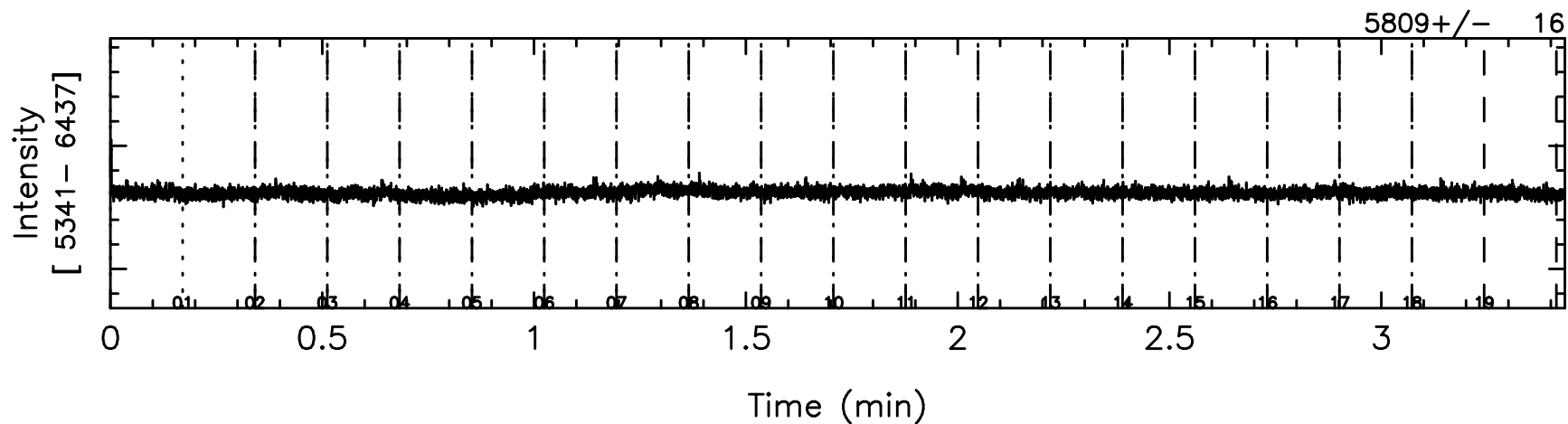
TOYOKAWA 0333+32 2024/07/05(187)08:32:58-08:36:24JST



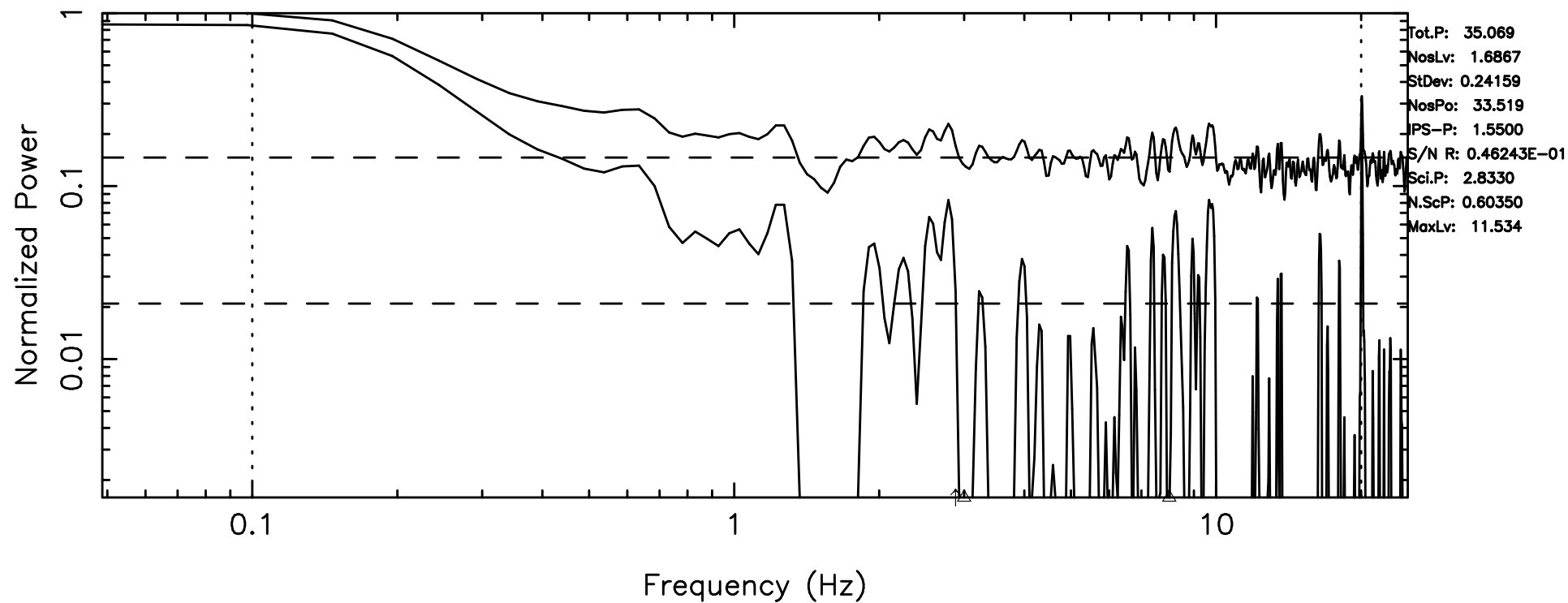
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



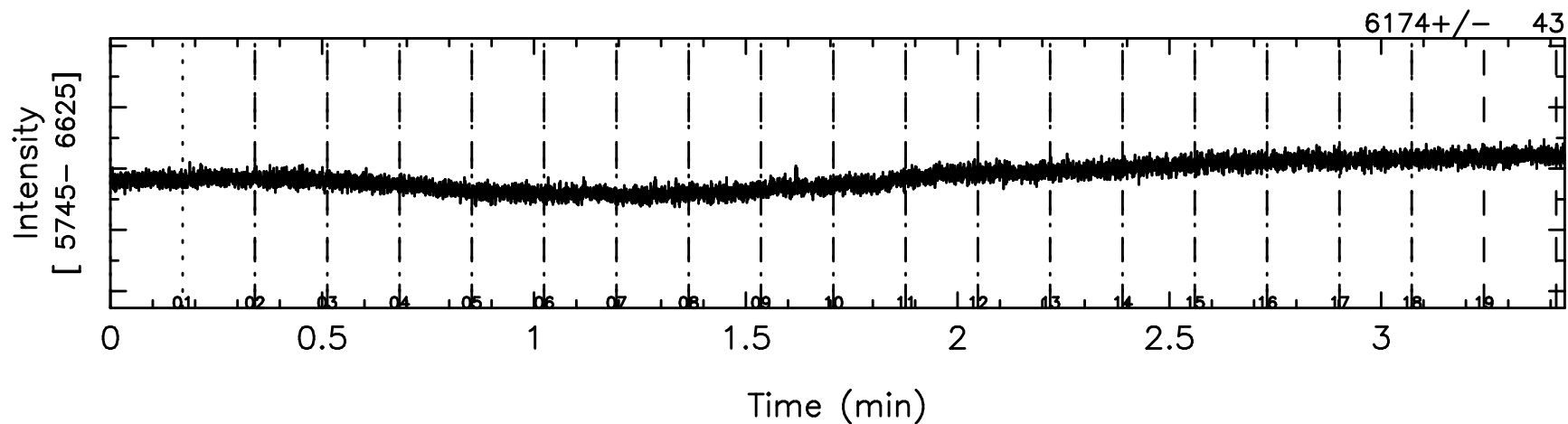
TOYOKAWA 0347+05 2024/07/05(187)08:46:00-08:49:26JST



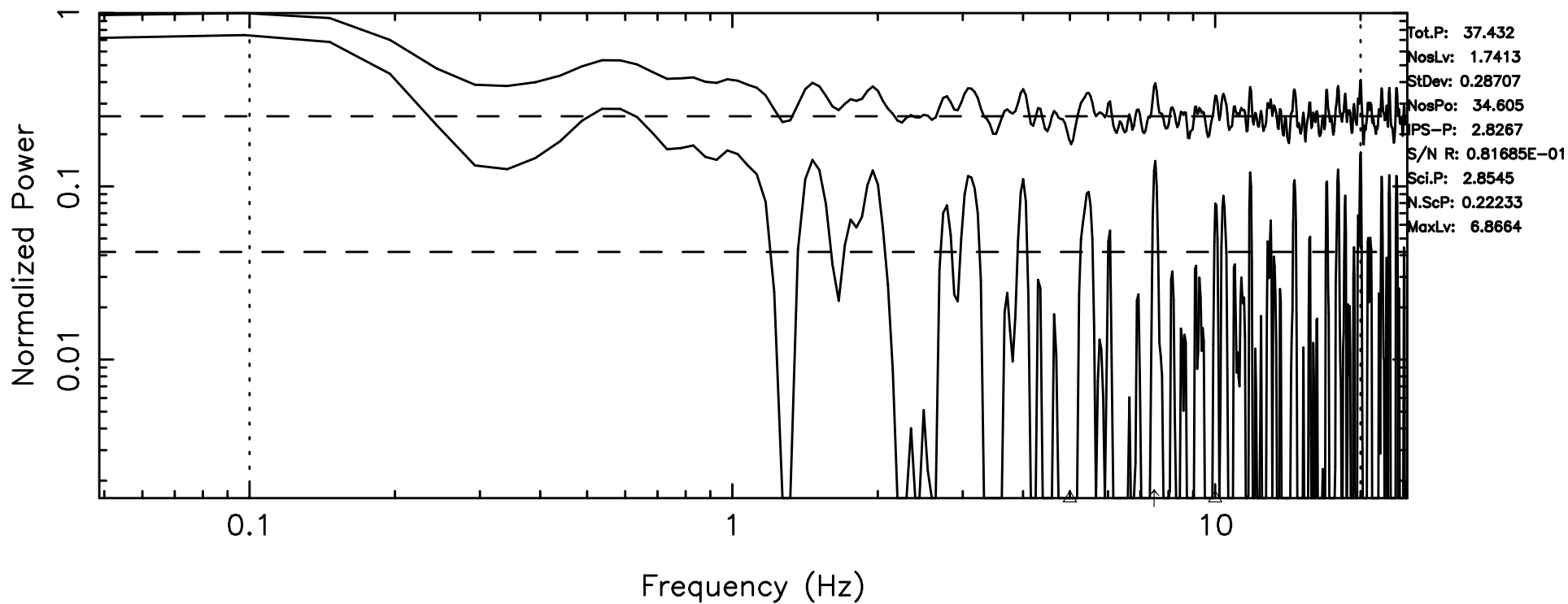
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



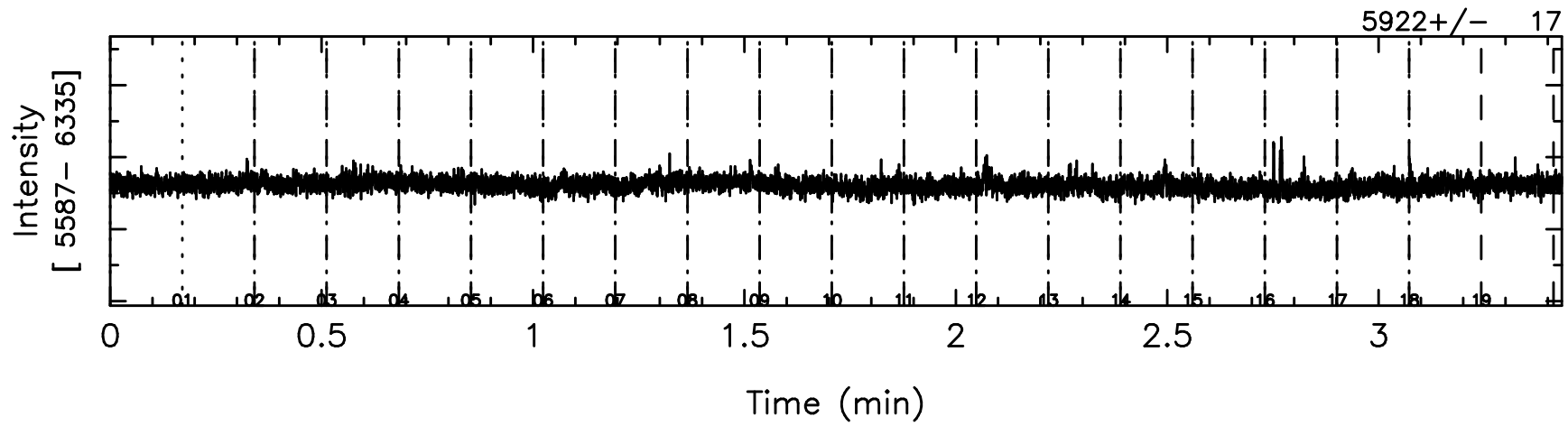
TOYOKAWA 0353+471 2024/07/05(187)08:53:33-08:56:59JST



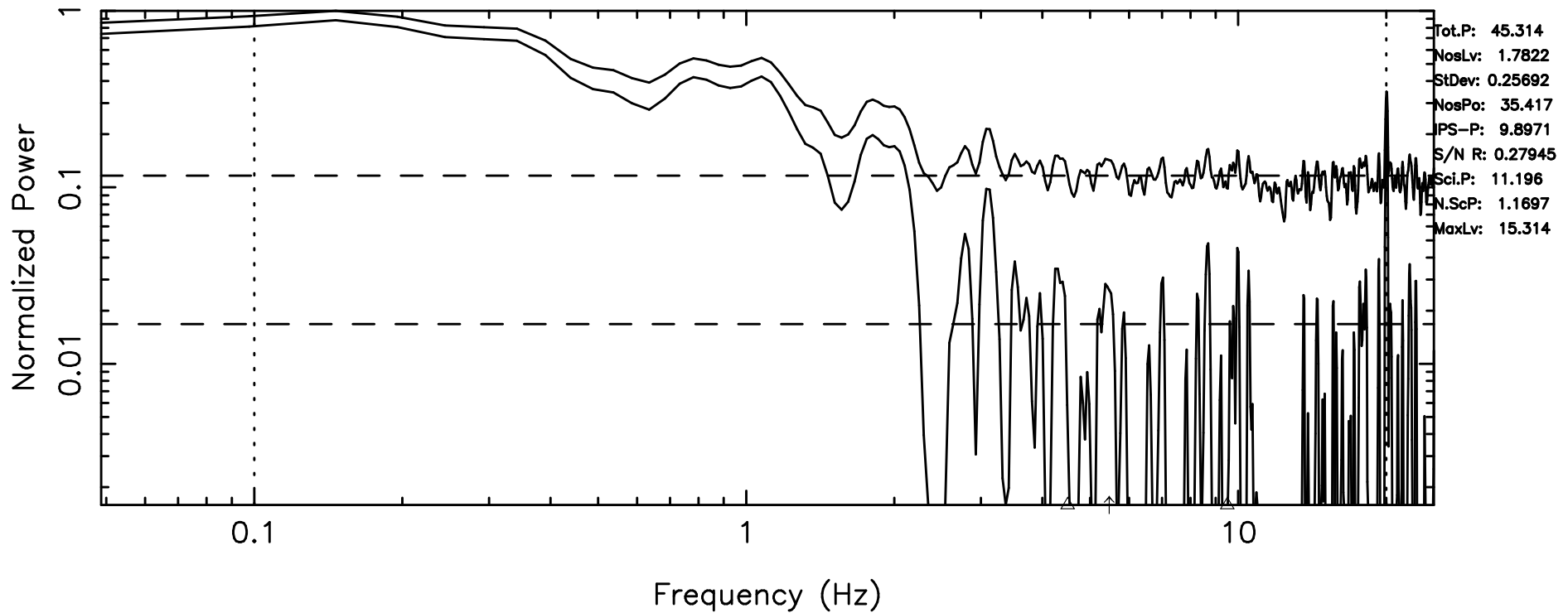
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



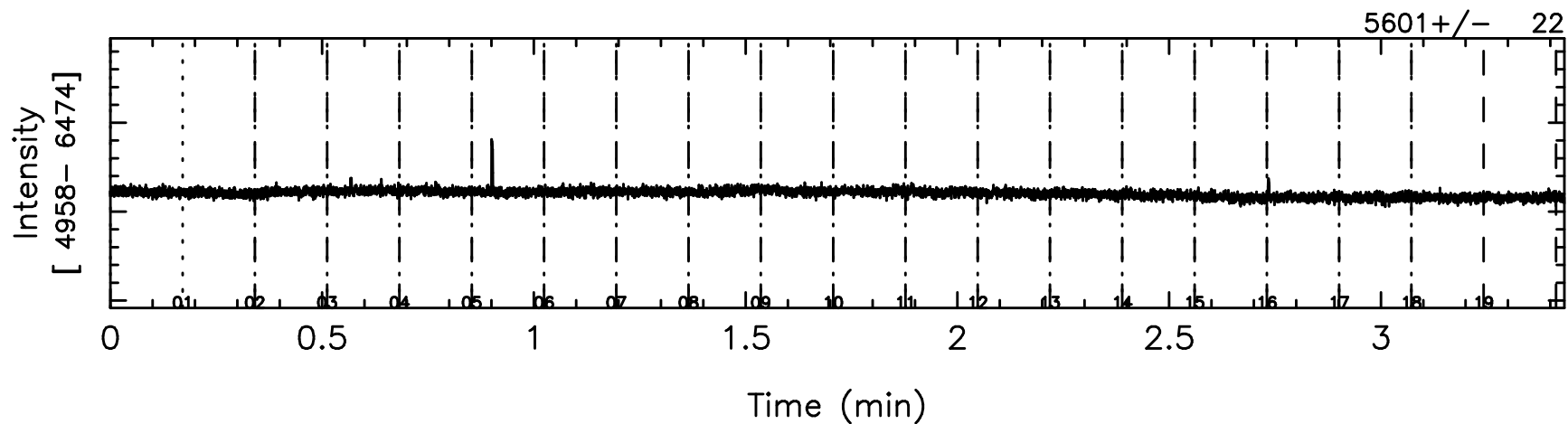
TOYOKAWA 0403-132 2024/07/05(187)09:01:34-09:05:00JST



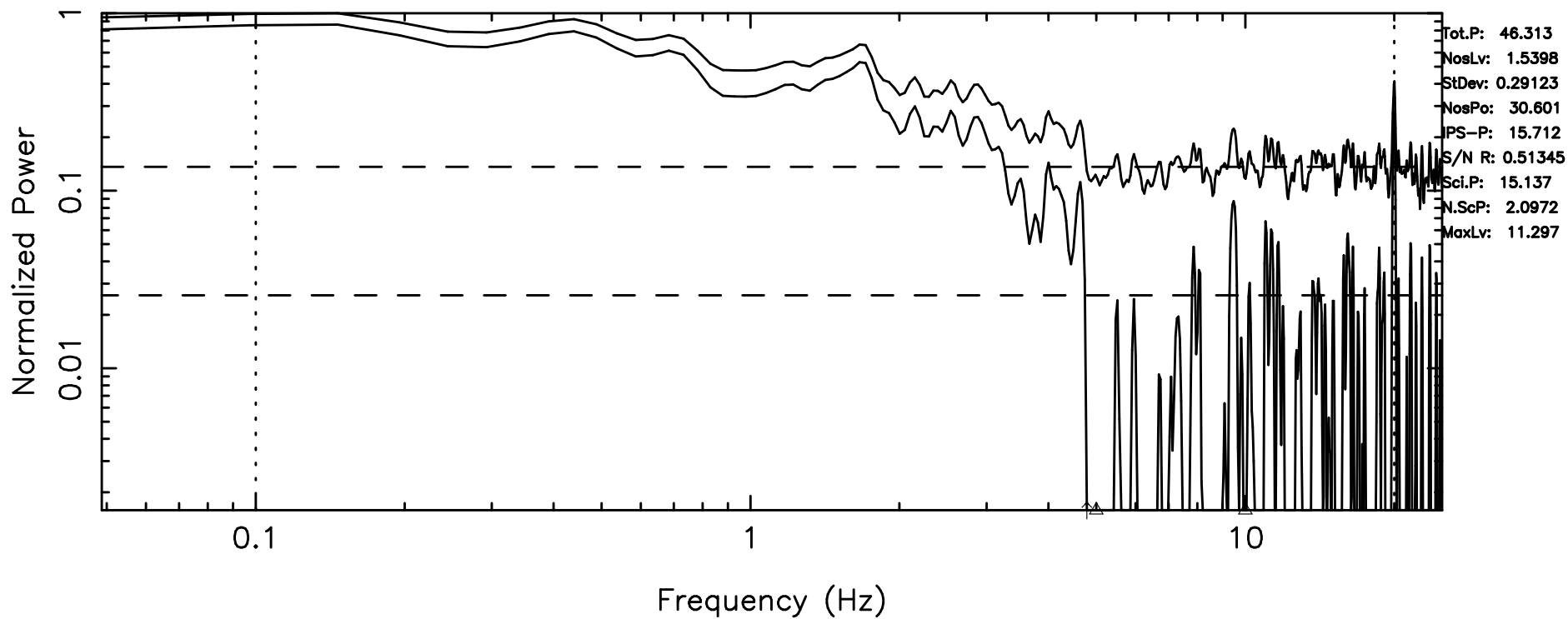
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



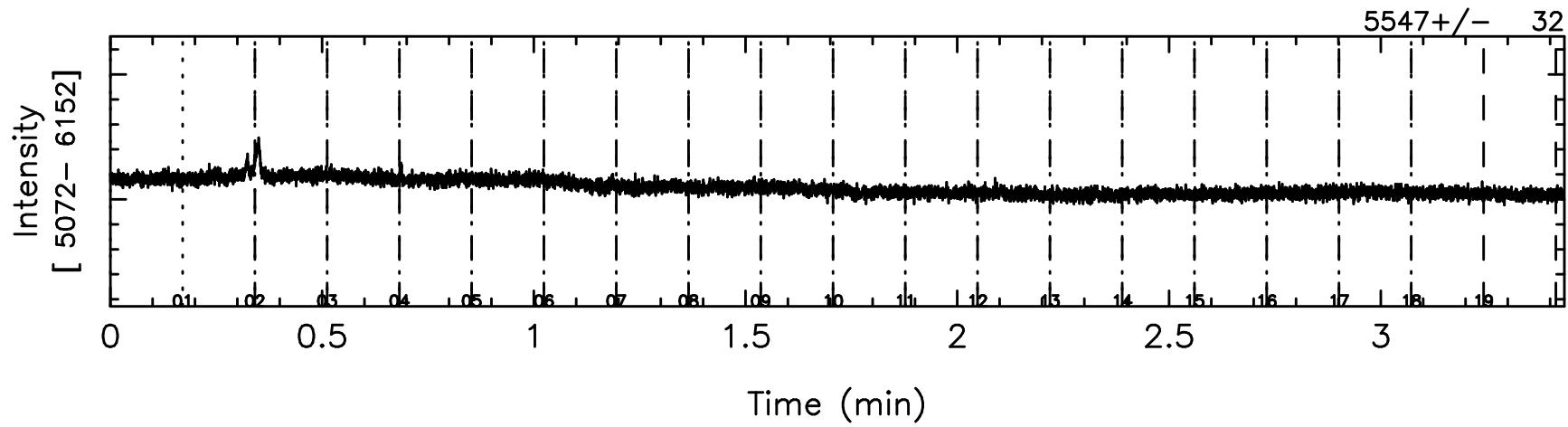
TOYOKAWA 0411+05 2024/07/05(187)09:10:45-09:14:11JST



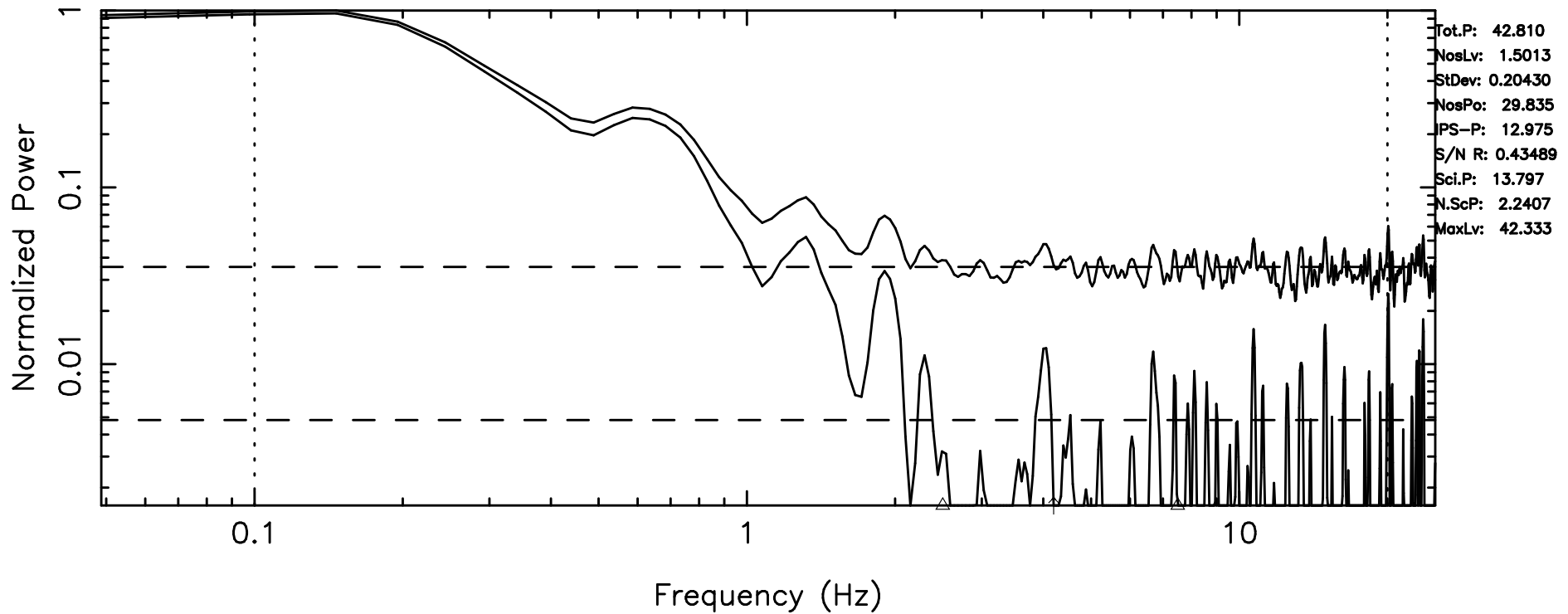
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



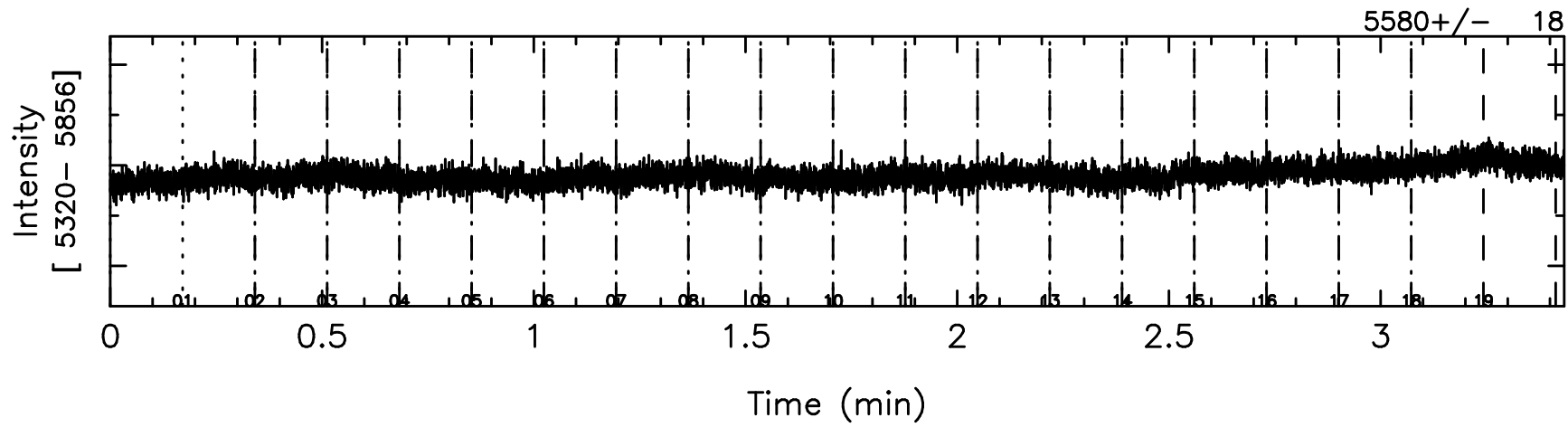
TOYOKAWA 0418+236 2024/07/05(187)09:17:39-09:21:05JST



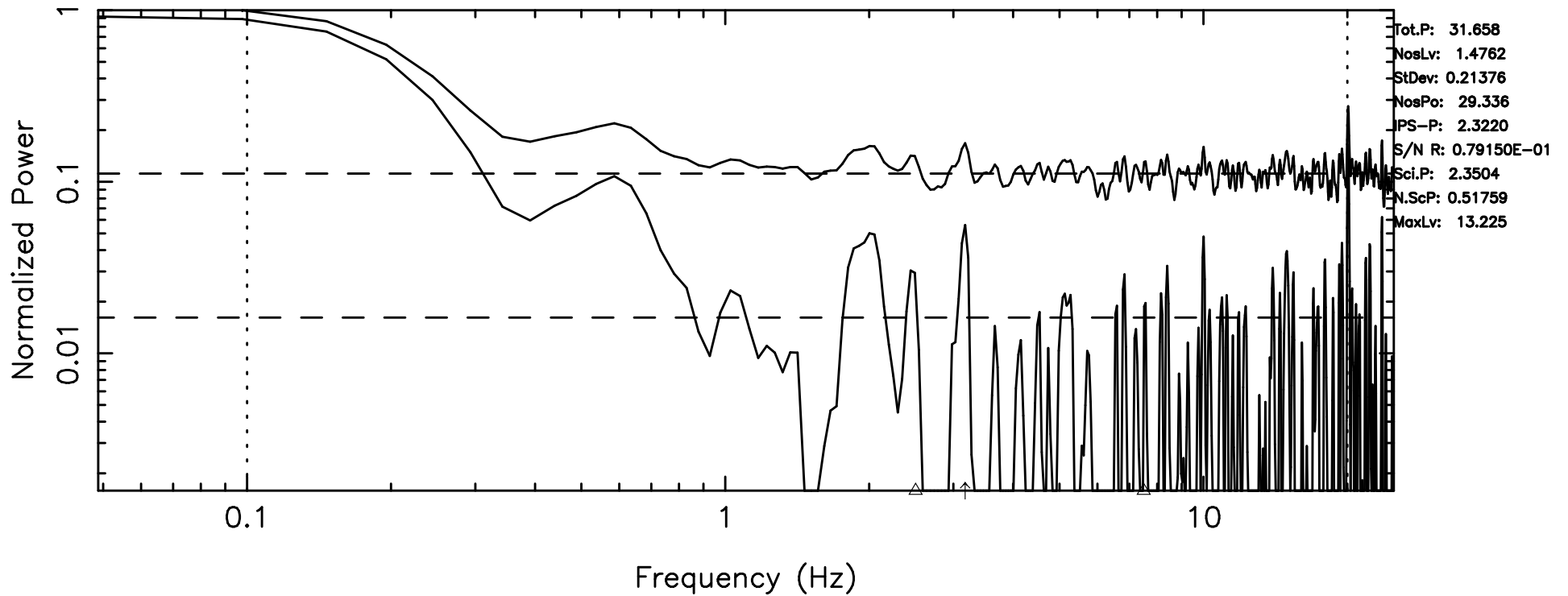
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



TOYOKAWA 0422+178 2024/07/05(187)09:21:38-09:25:04JST



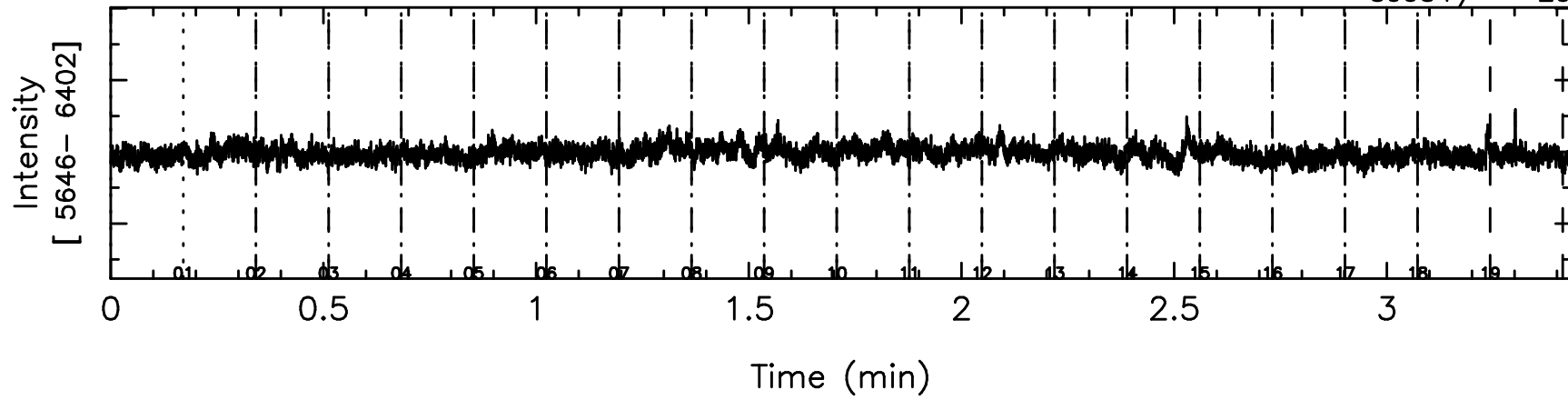
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



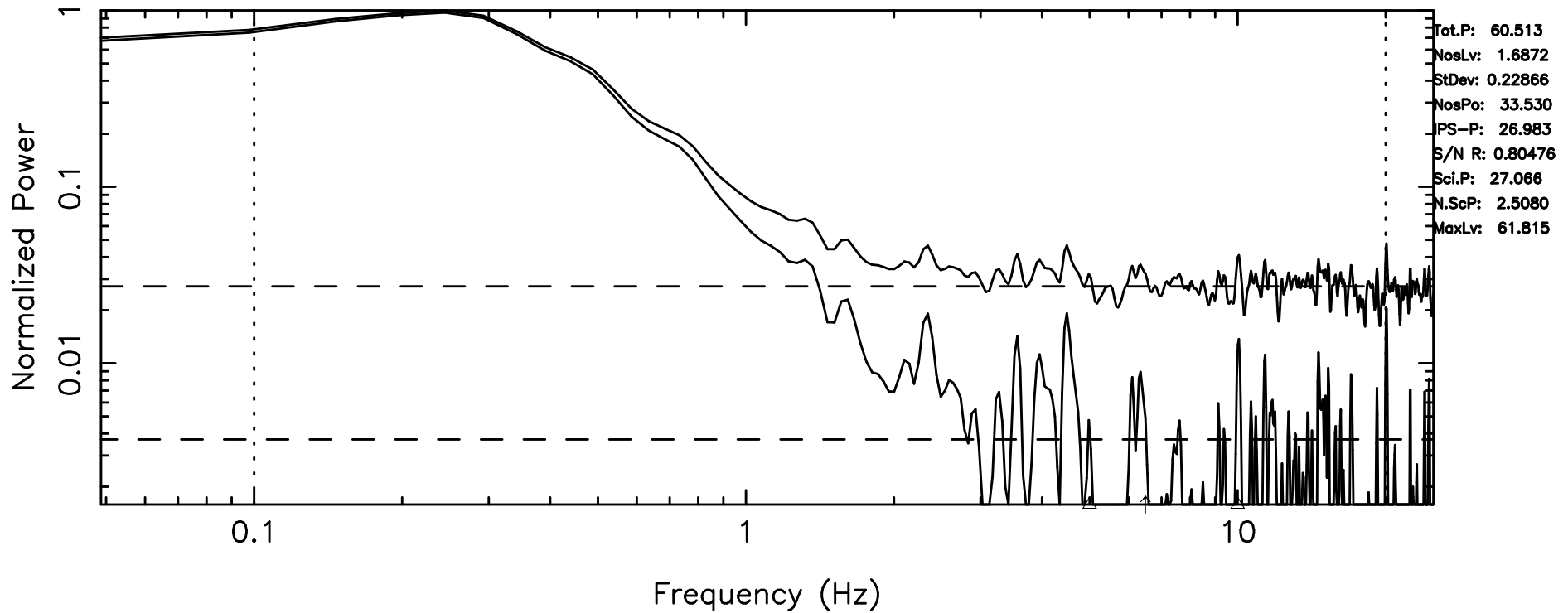
TOYOKAWA 3C119

2024/07/05(187)09:29:06-09:32:32JST

5995+/- 20

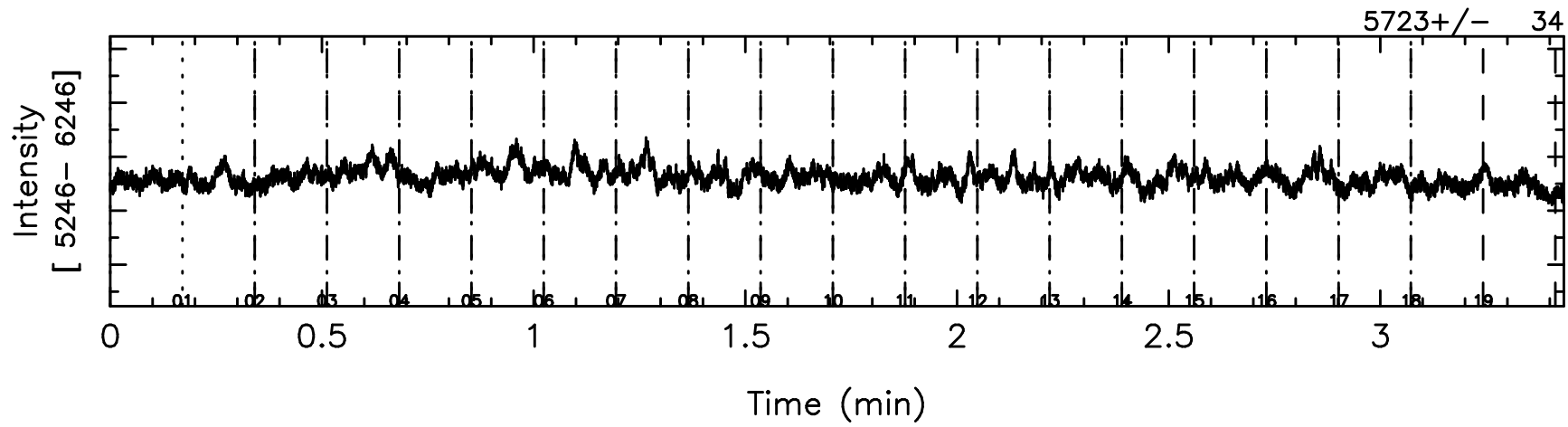


DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)

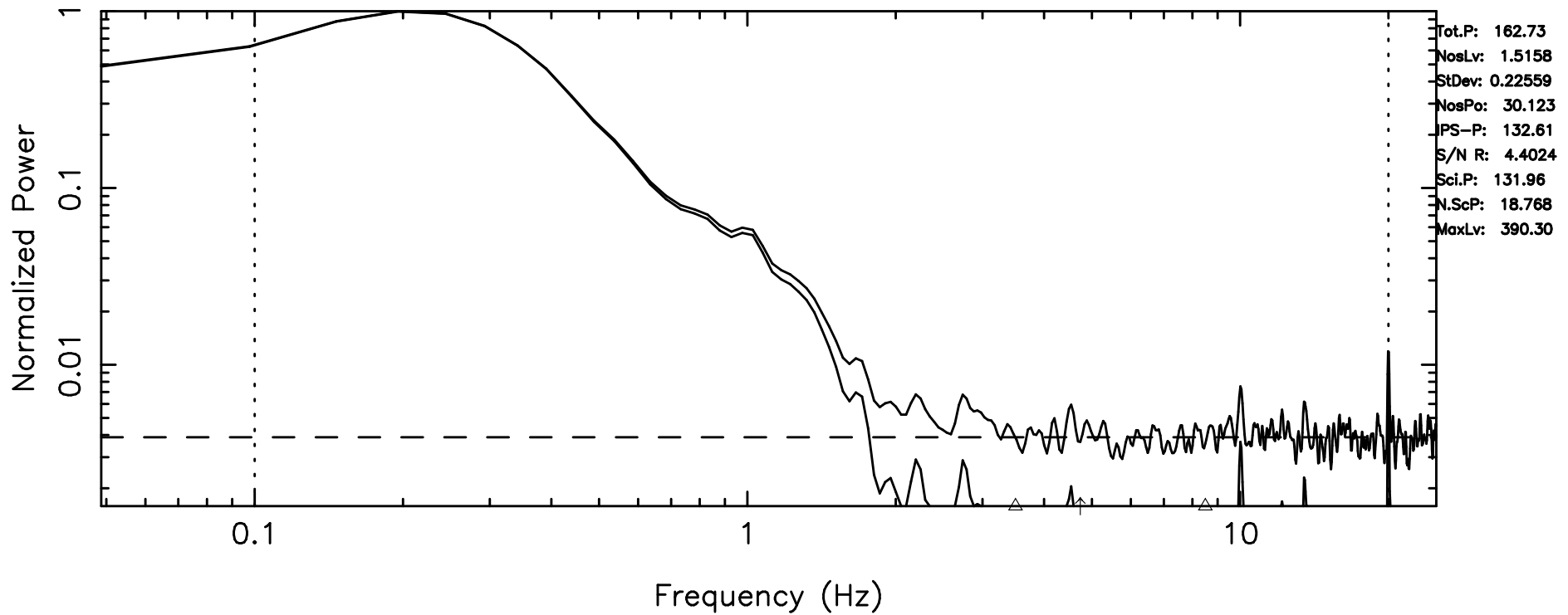


TOYOKAWA 3C138

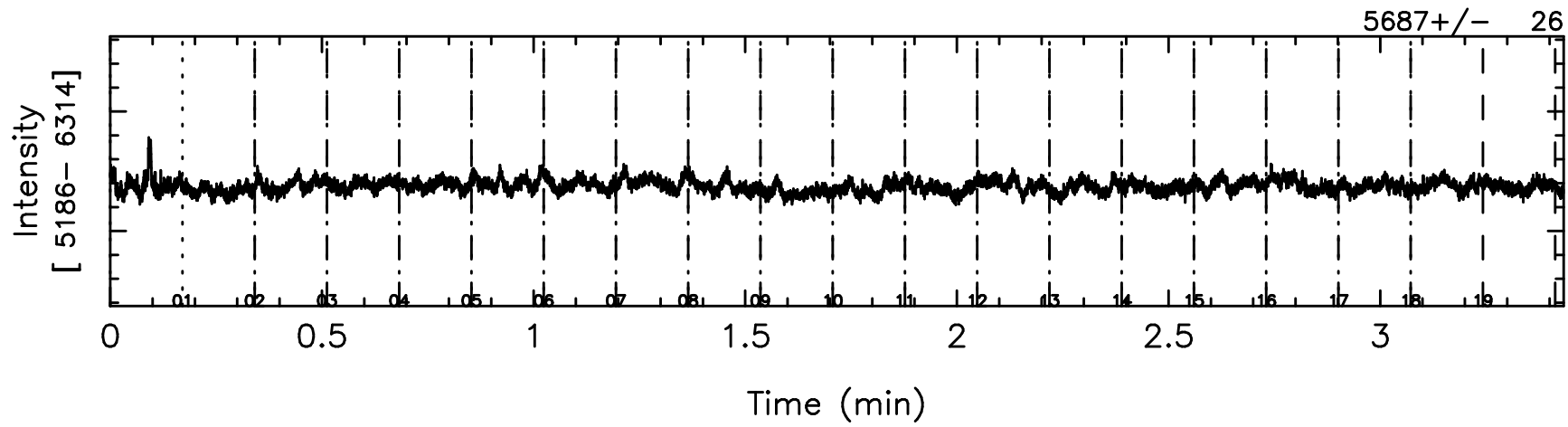
2024/07/05(187)10:17:13-10:20:39JST



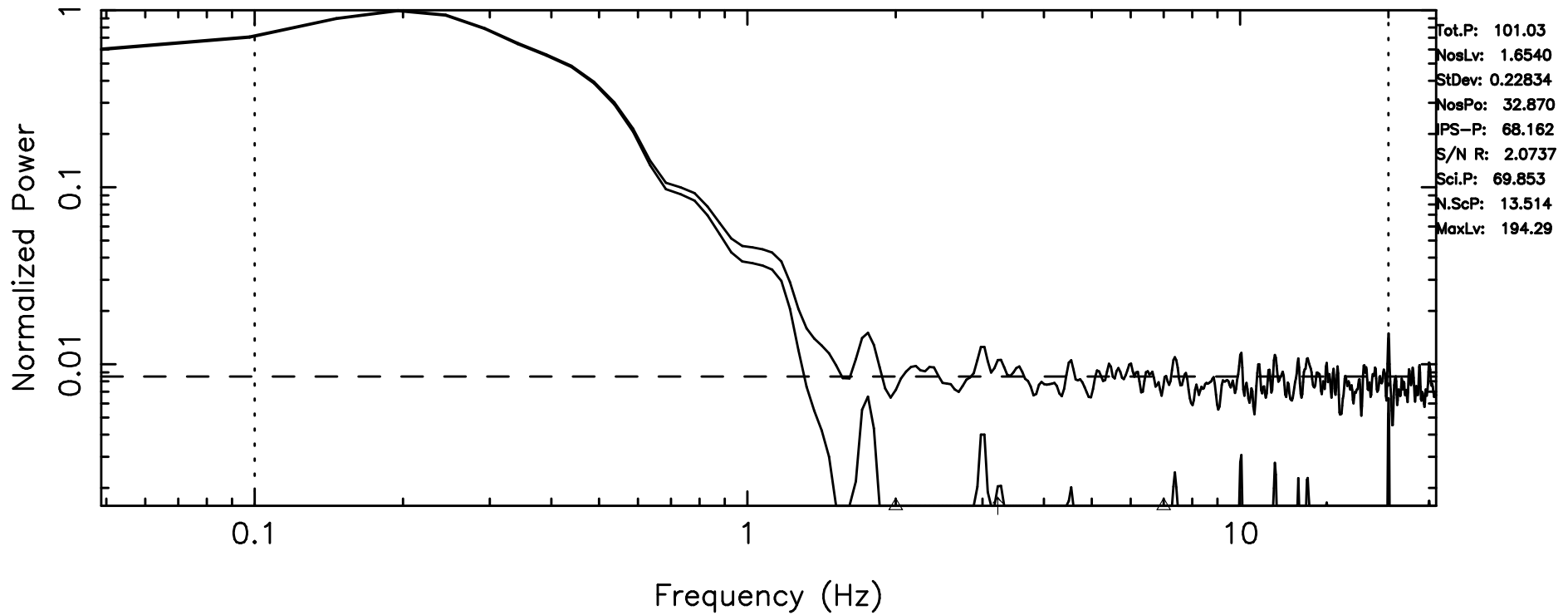
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



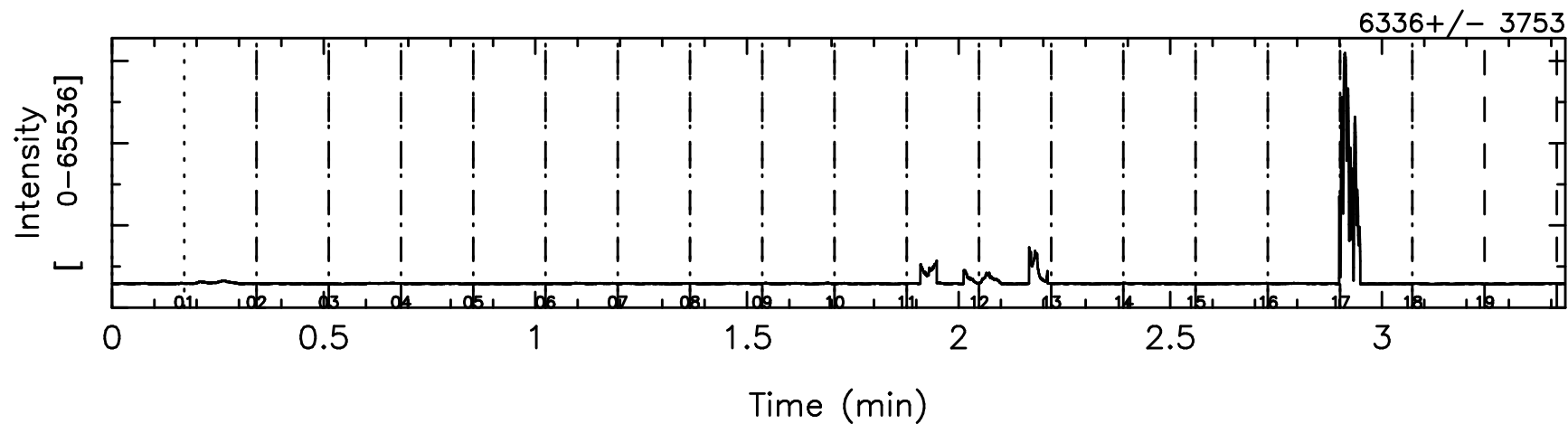
TOYOKAWA 0531+194 2024/07/05(187)10:30:47-10:34:13JST



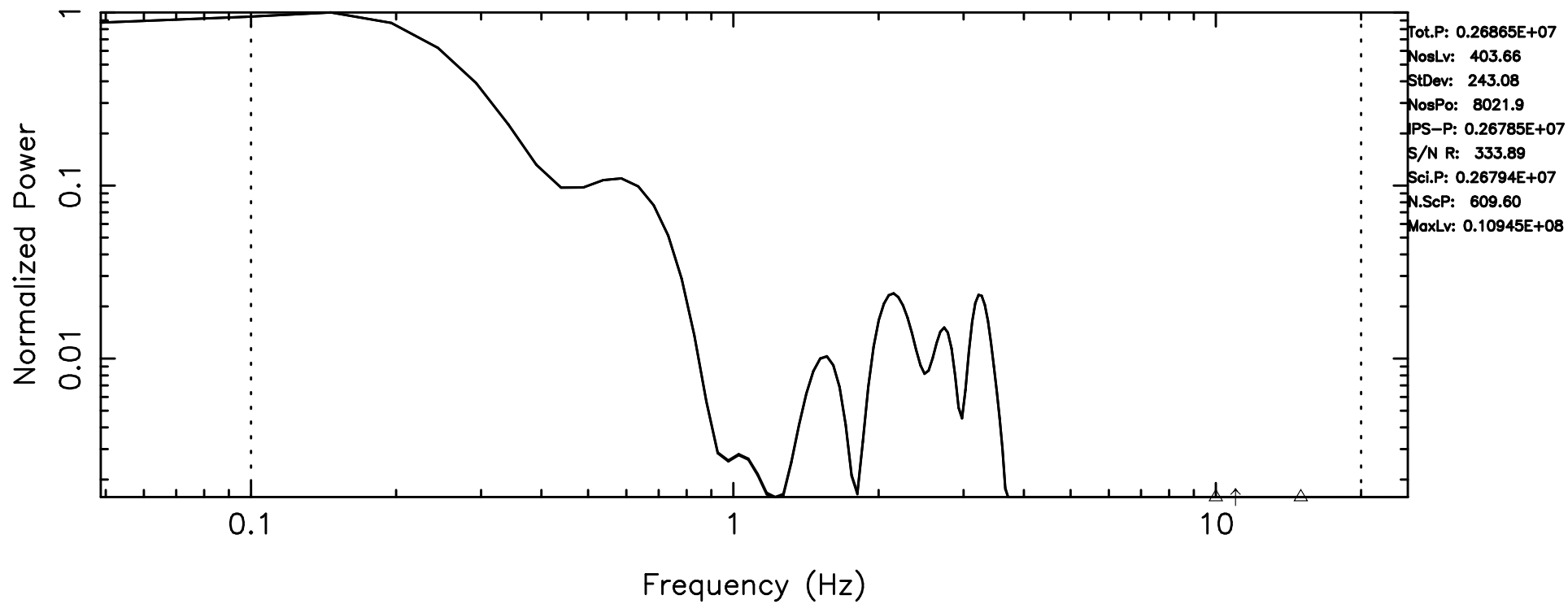
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



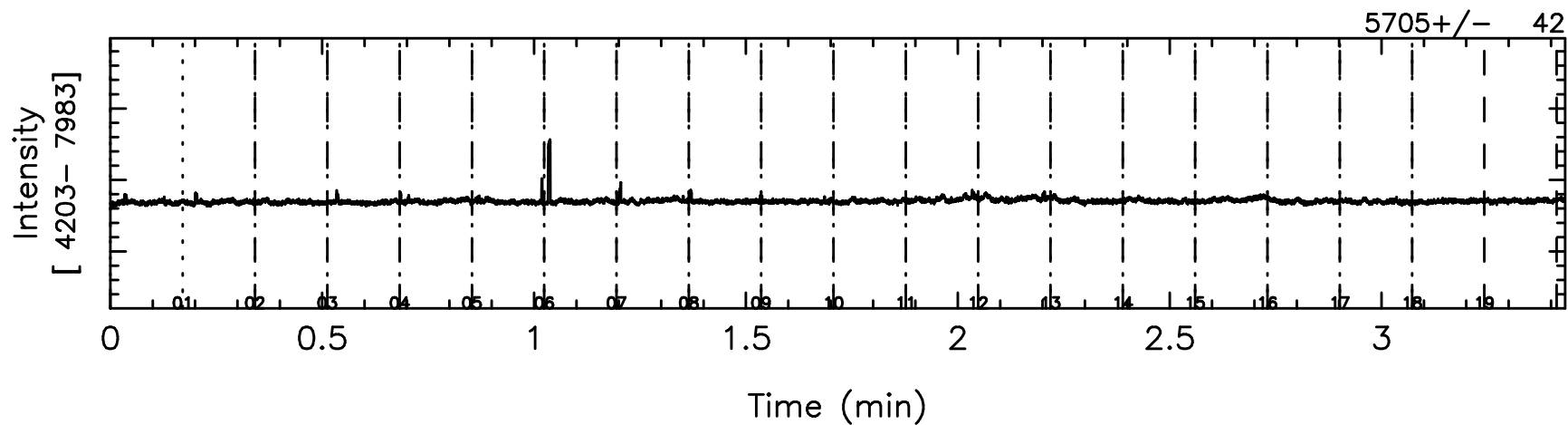
TOYOKAWA 3C147 2024/07/05(187)10:39:06-10:42:32JST



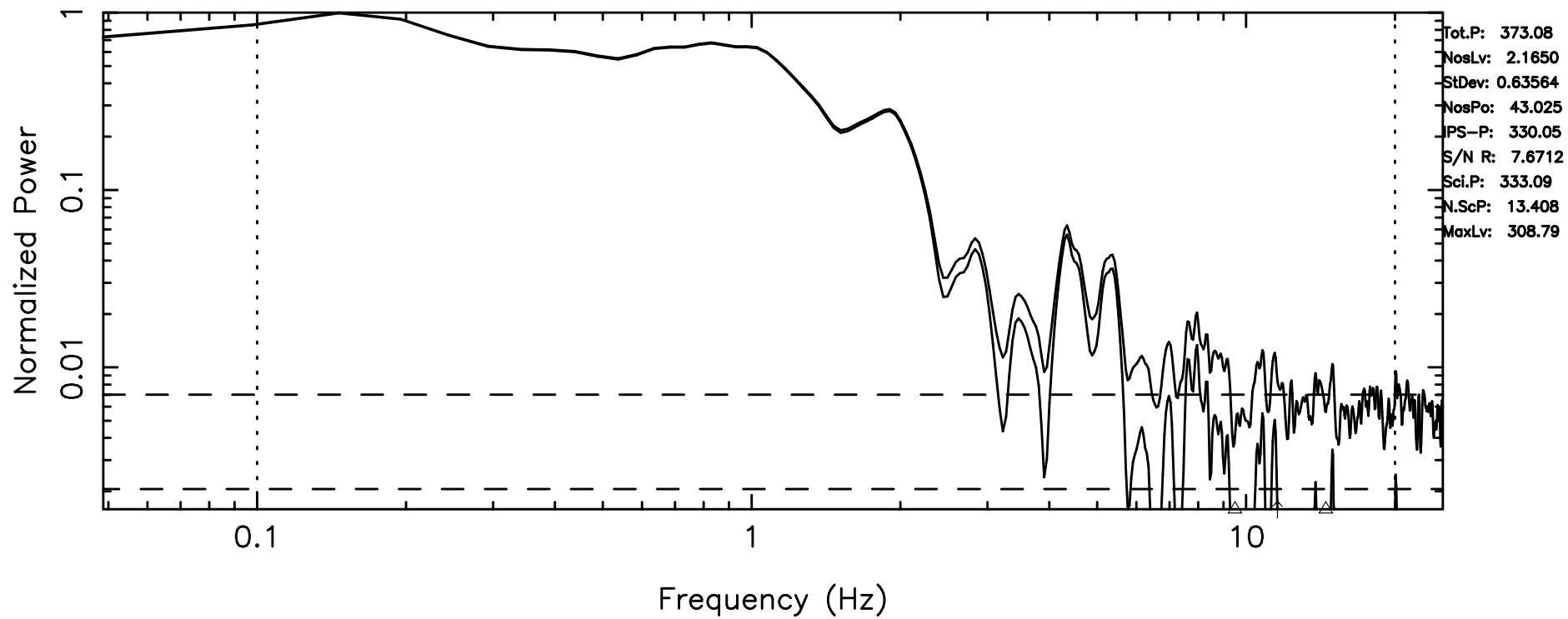
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



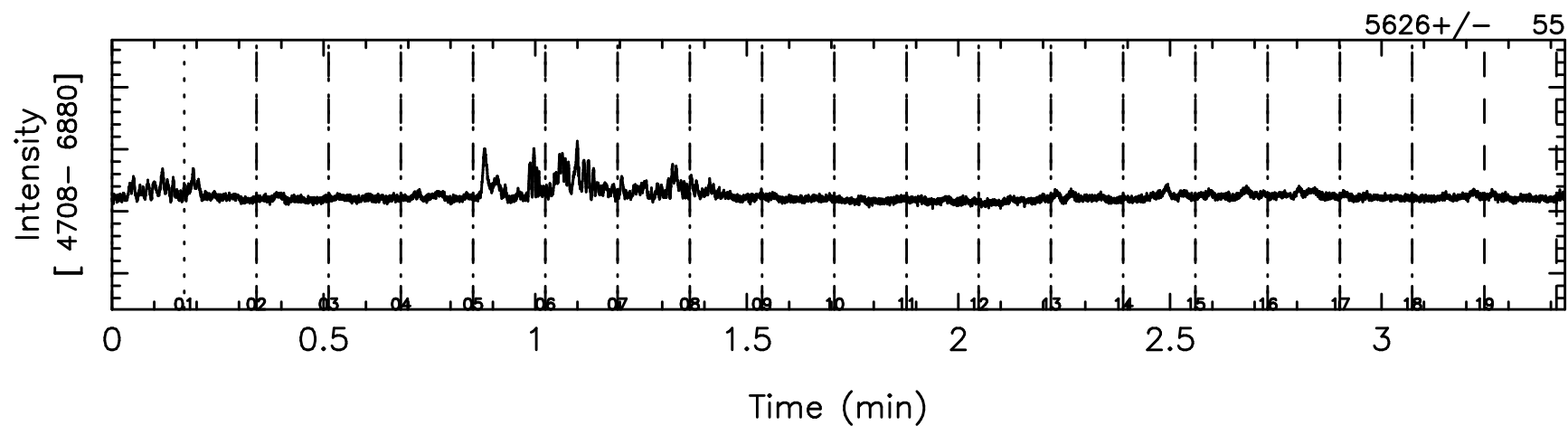
TOYOKAWA 0548+16 2024/07/05(187)10:47:18-10:50:44JST



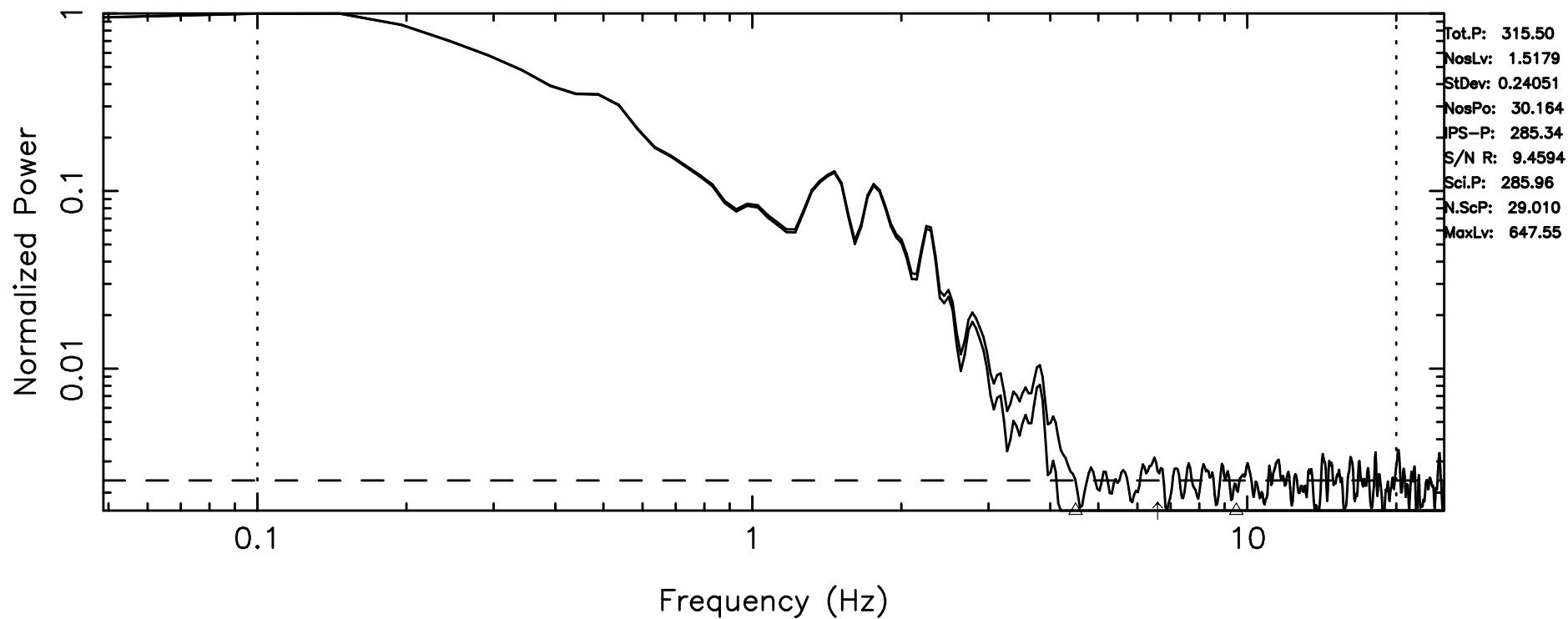
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



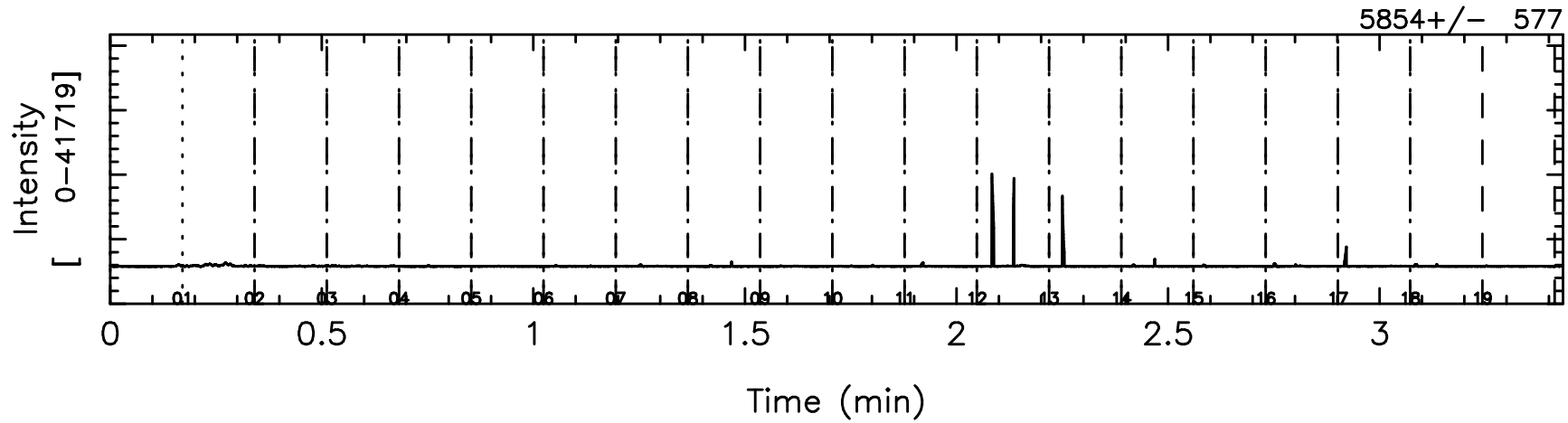
TOYOKAWA 0552+12 2024/07/05(187)10:51:28-10:54:54JST



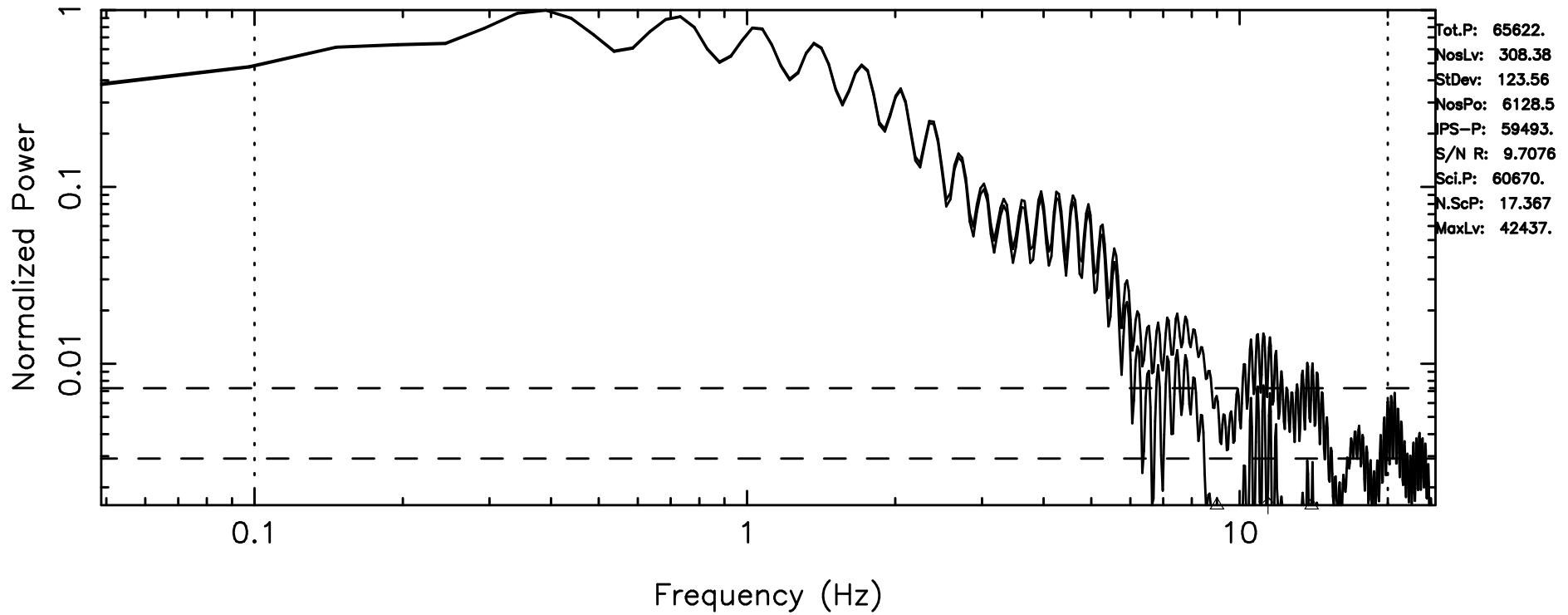
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



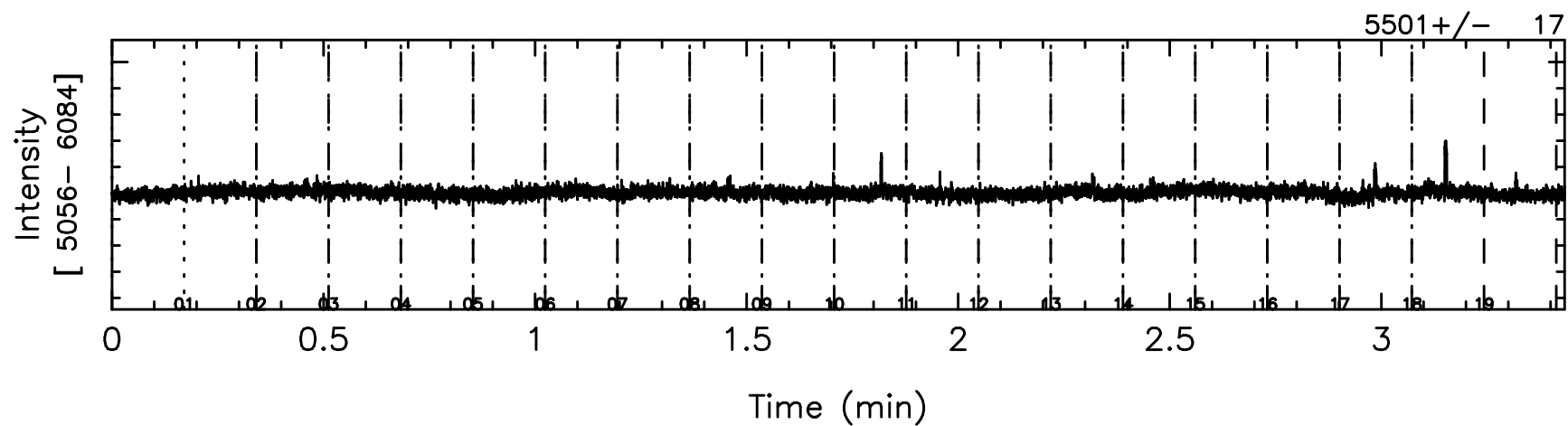
TOYOKAWA 0556+191 2024/07/05(187)10:55:55-10:59:21JST



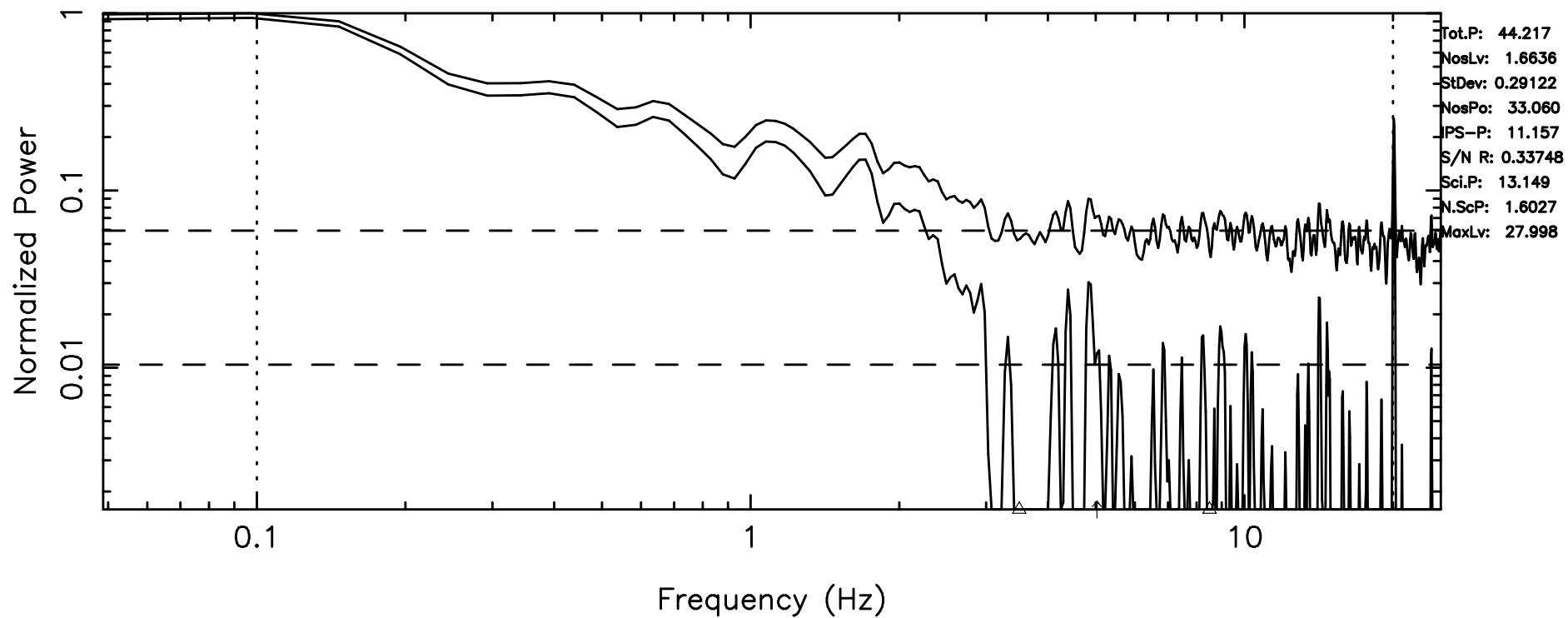
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



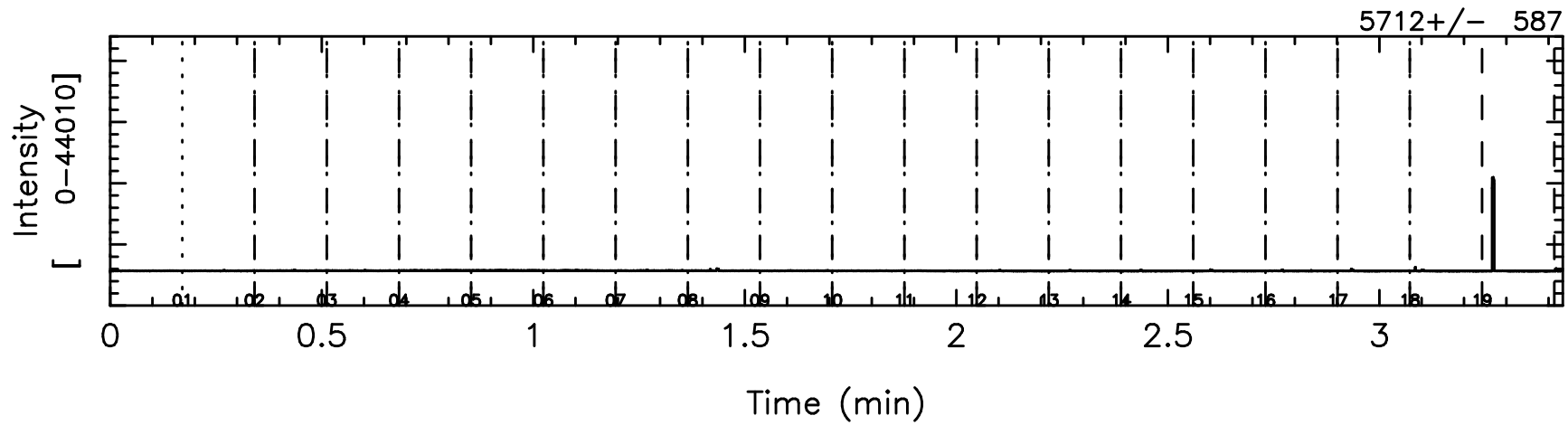
TOYOKAWA 0605-08 2024/07/05(187)11:03:41-11:07:07JST



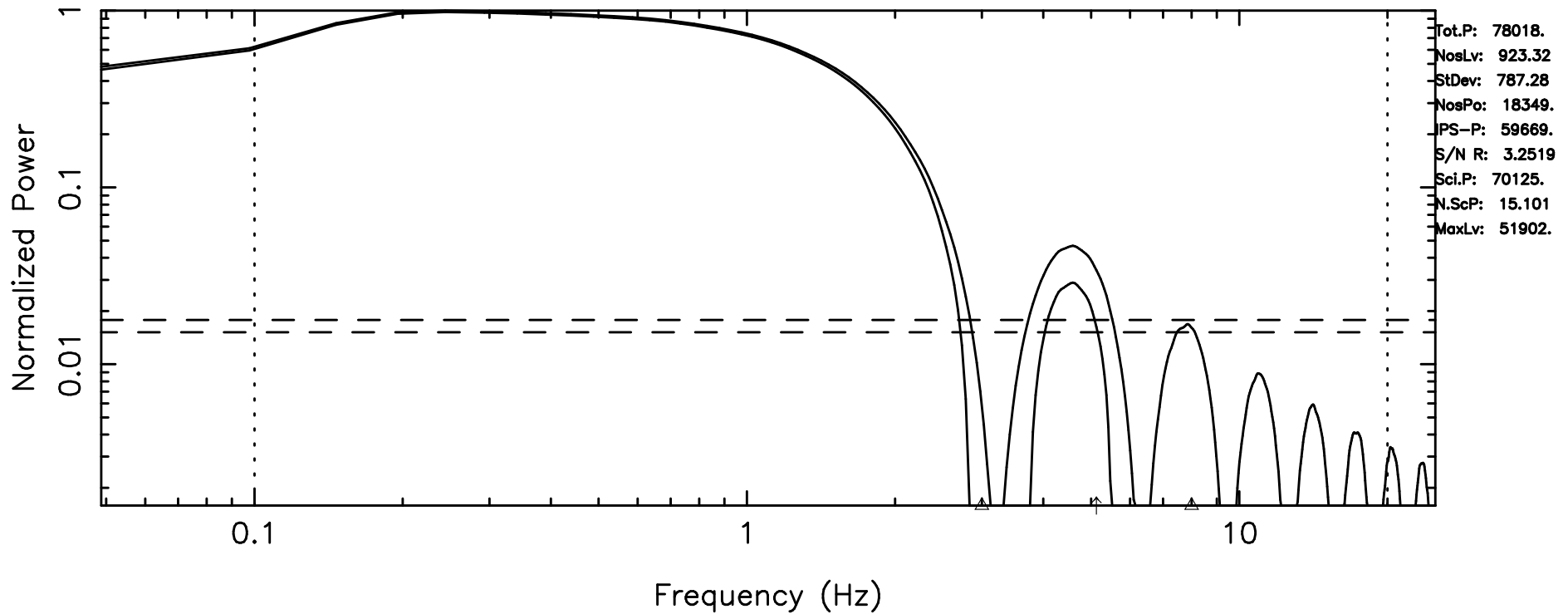
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



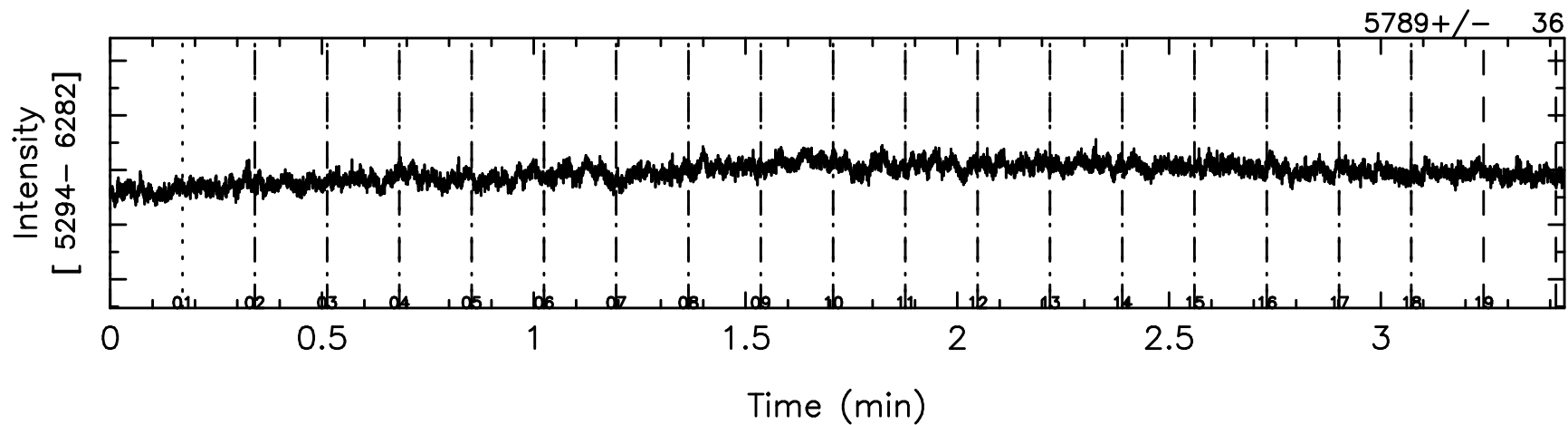
TOYOKAWA 3C158 2024/07/05(187)11:17:34-11:21:00JST



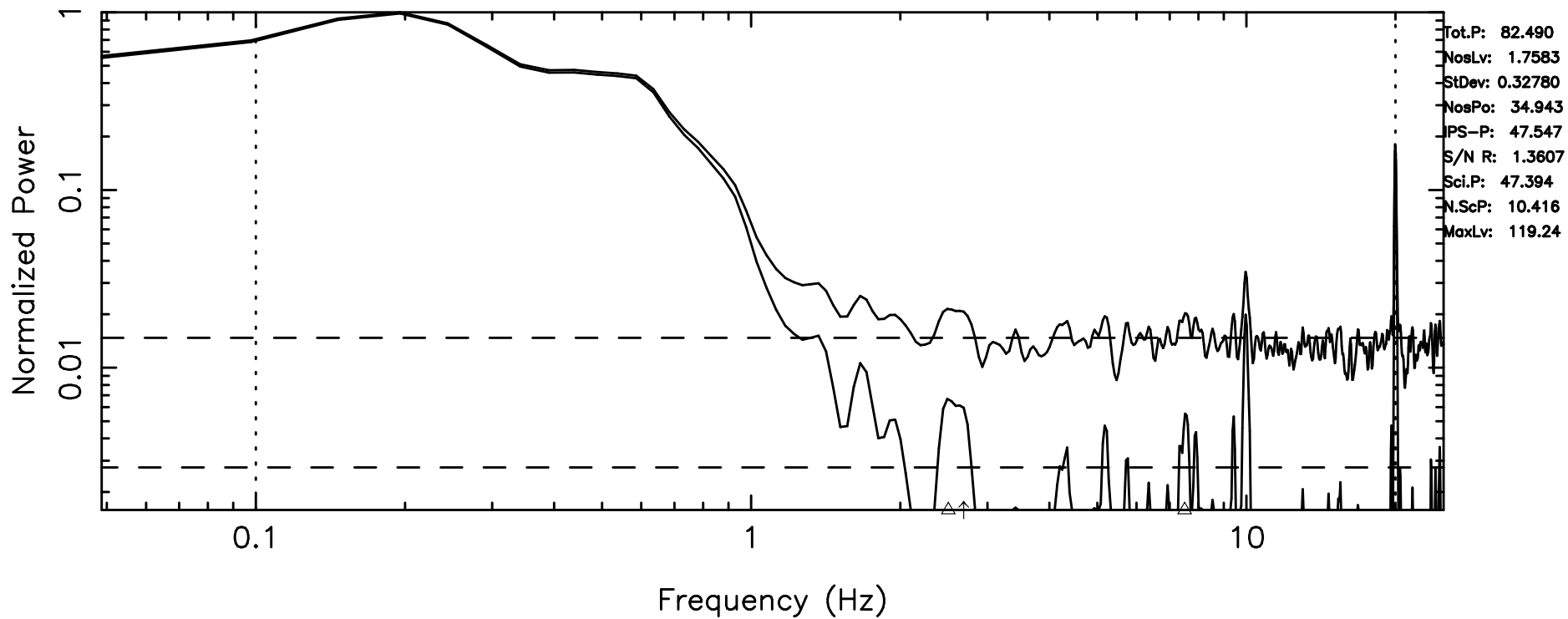
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



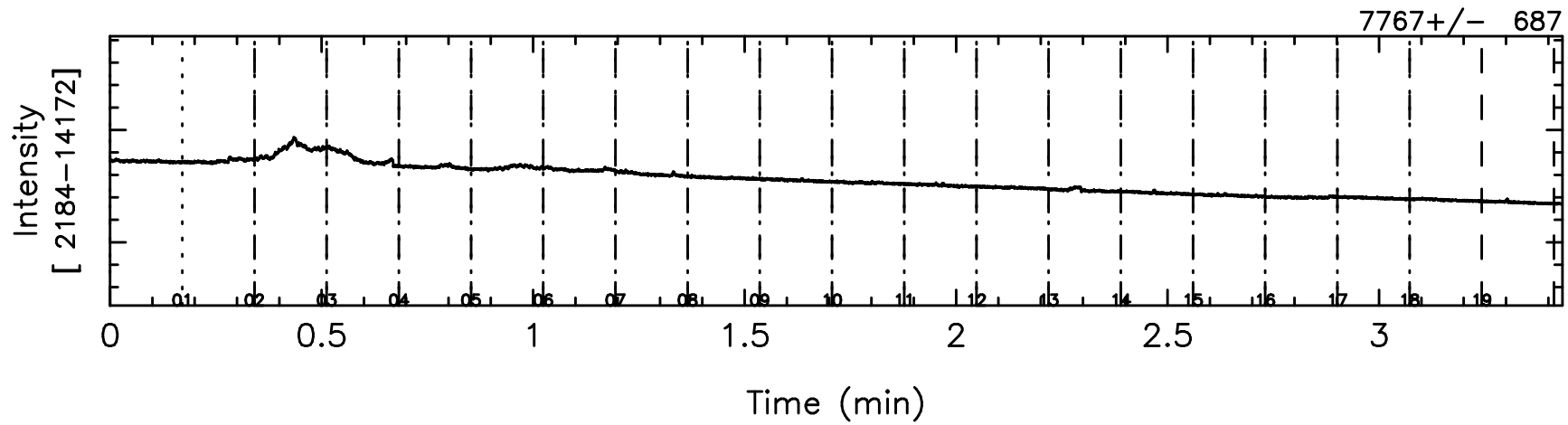
TOYOKAWA 3C161 2024/07/05(187)11:22:49-11:26:15JST



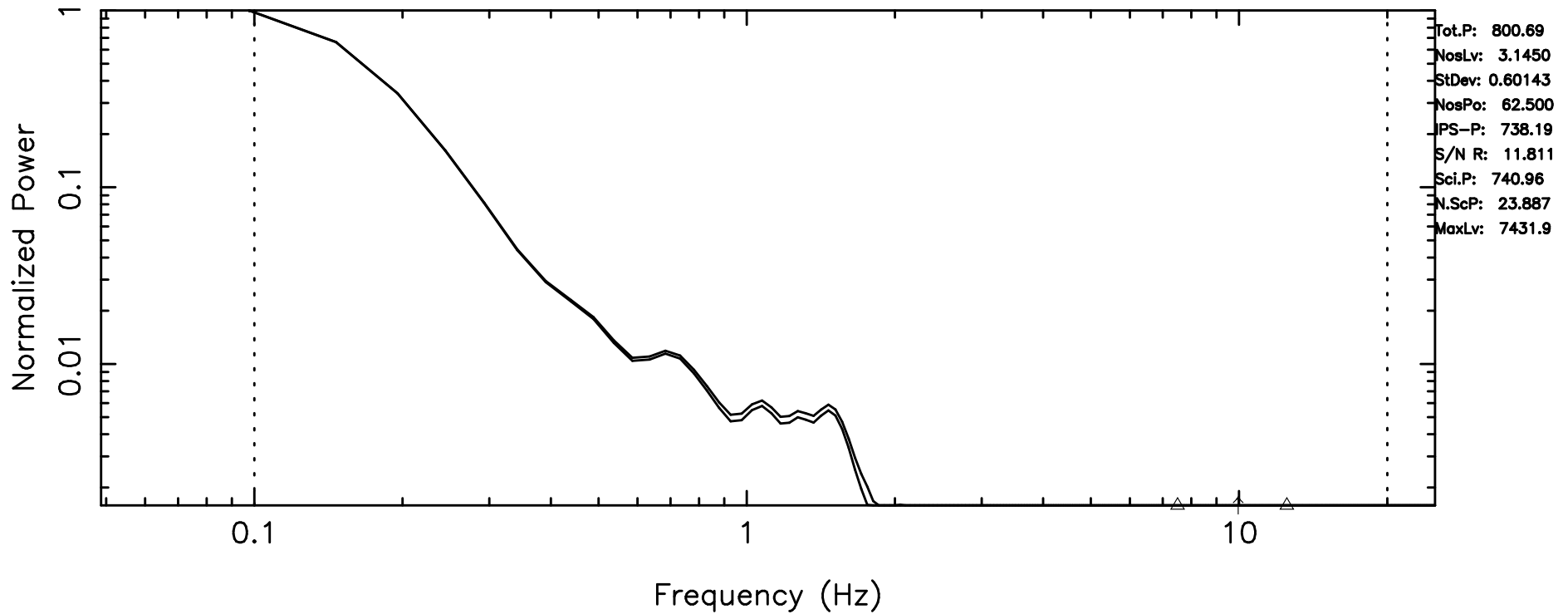
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



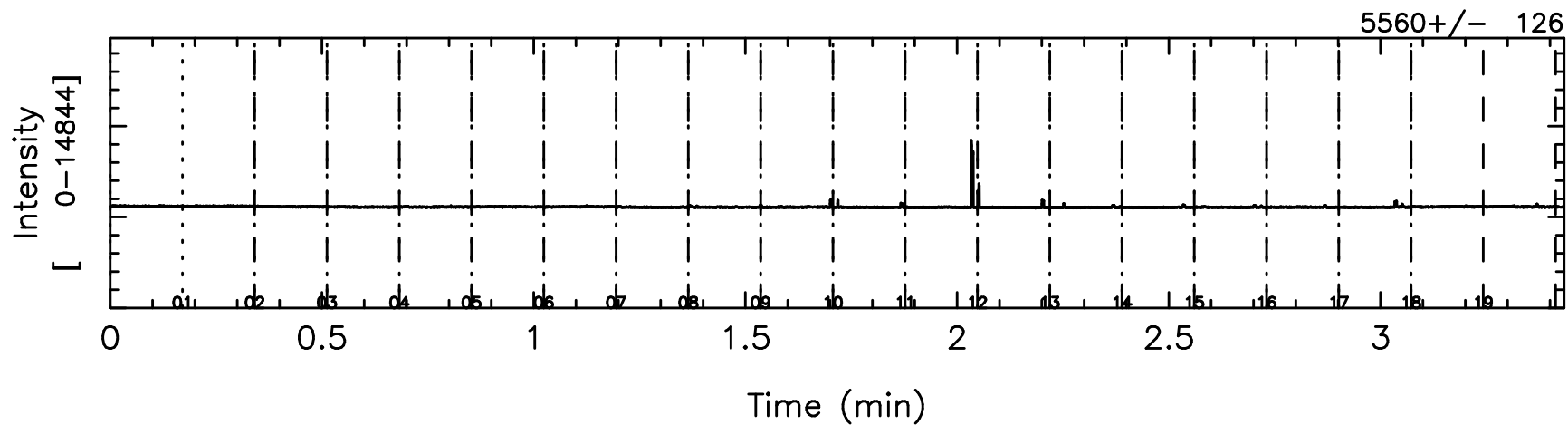
TOYOKAWA 0652-130 2024/07/05(187)11:50:22-11:53:48JST



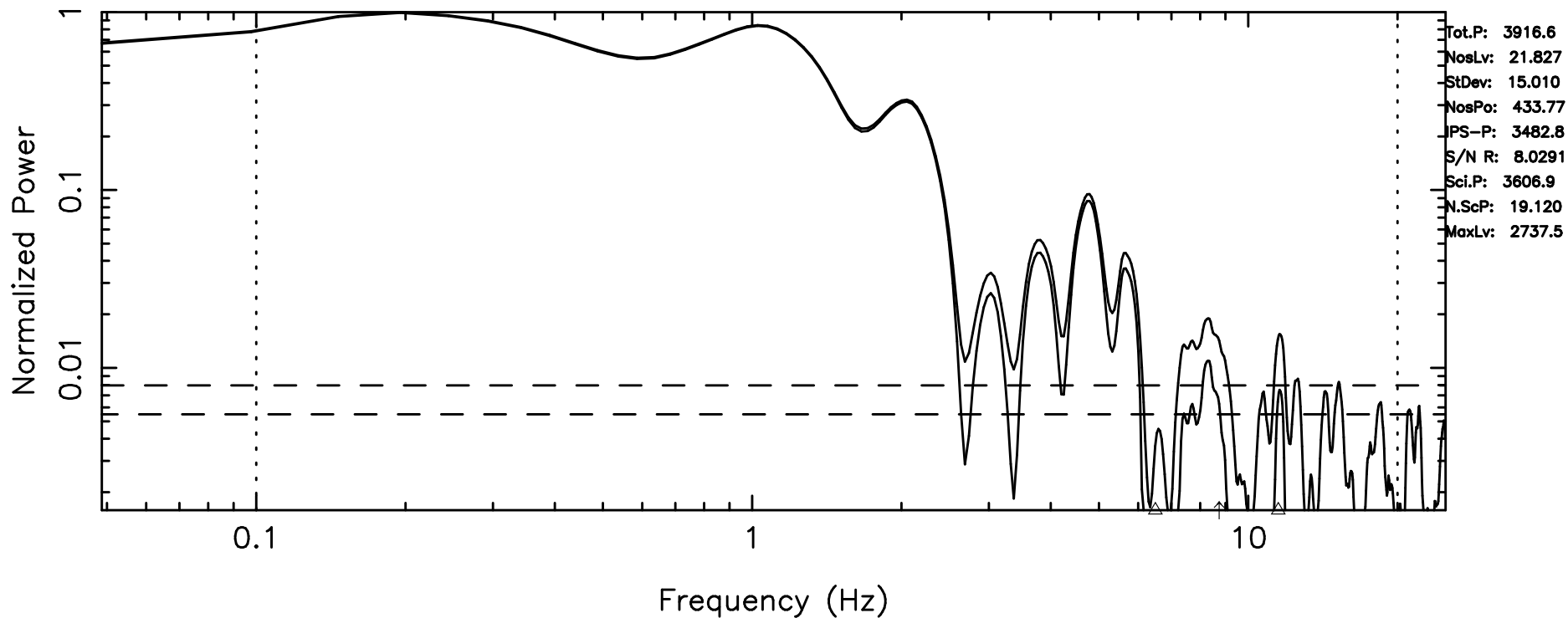
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



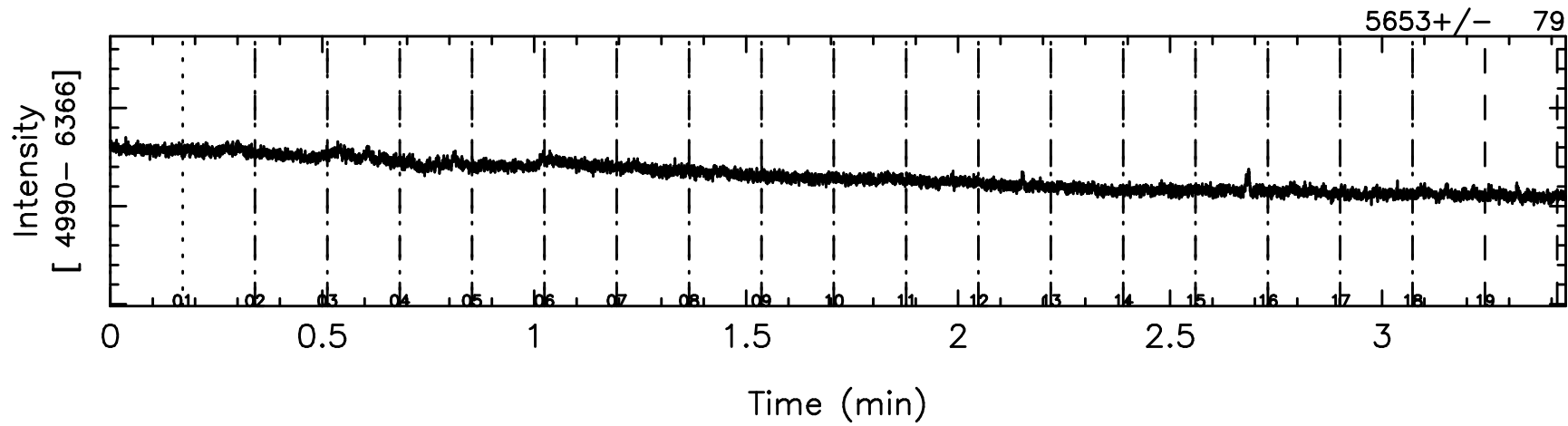
TOYOKAWA 0703+138 2024/07/05(187)12:01:58-12:05:24JST



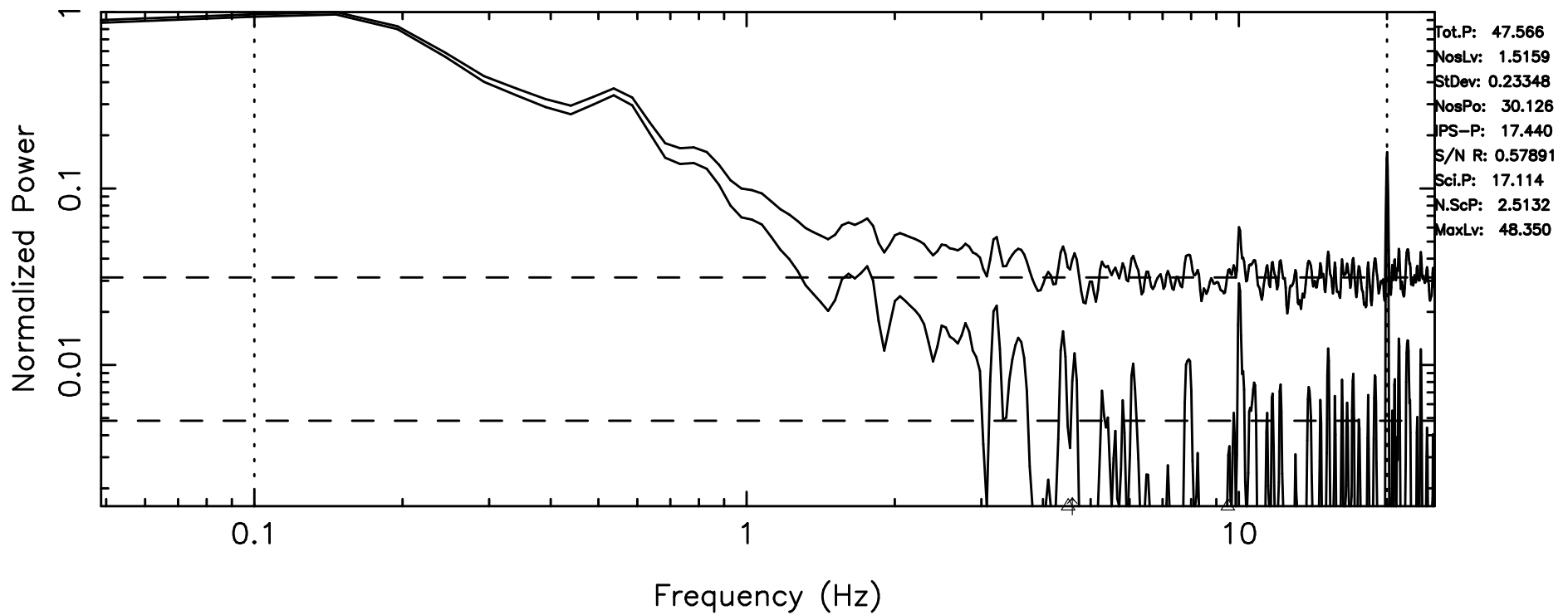
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



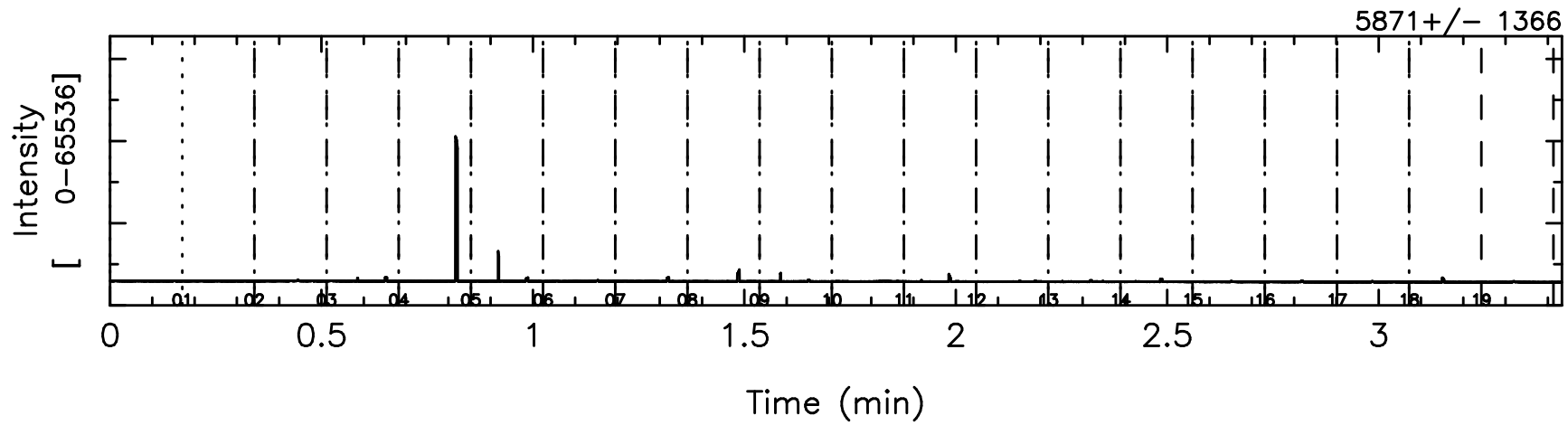
TOYOKAWA 0713-024 2024/07/05(187)12:11:21-12:14:47JST



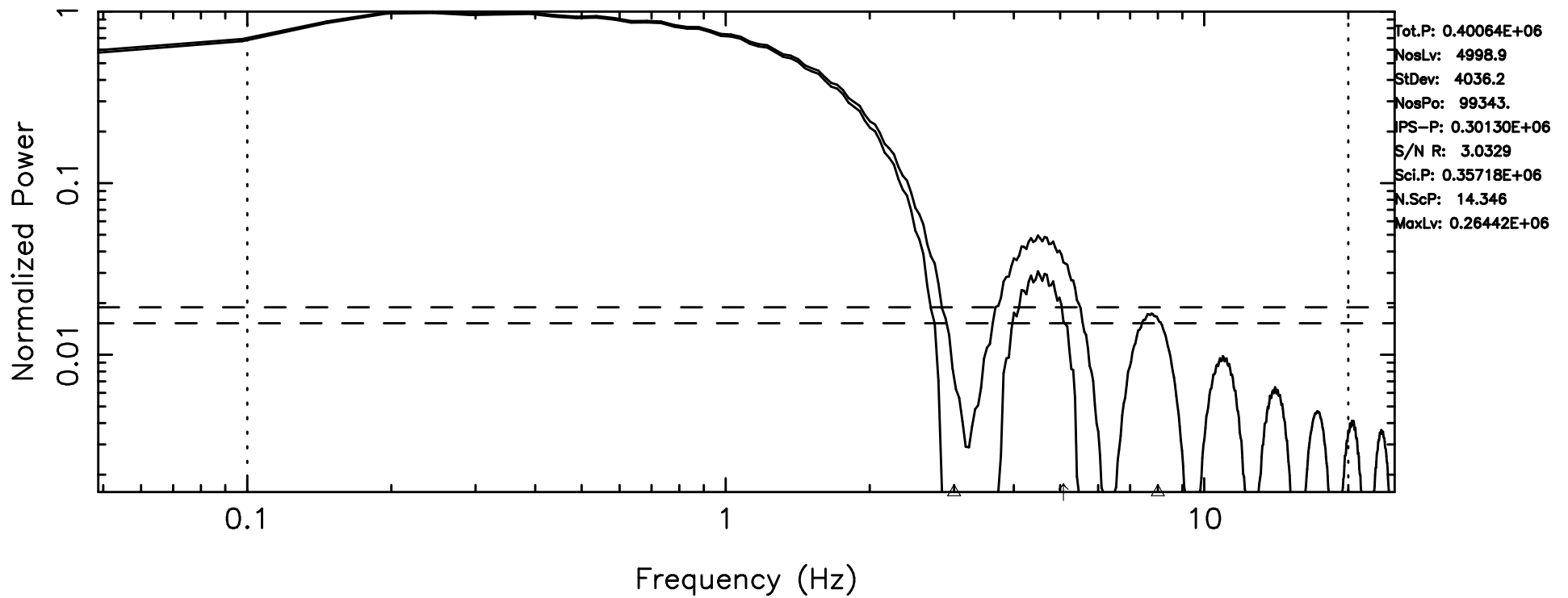
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



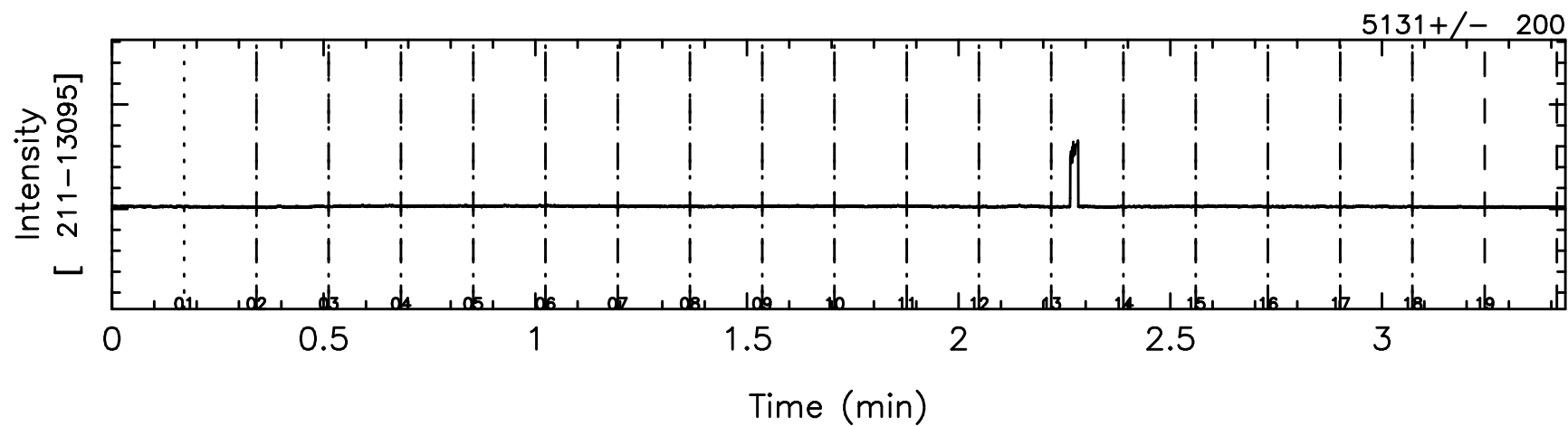
TOYOKAWA 0716+022 2024/07/05(187)12:15:01-12:18:27JST



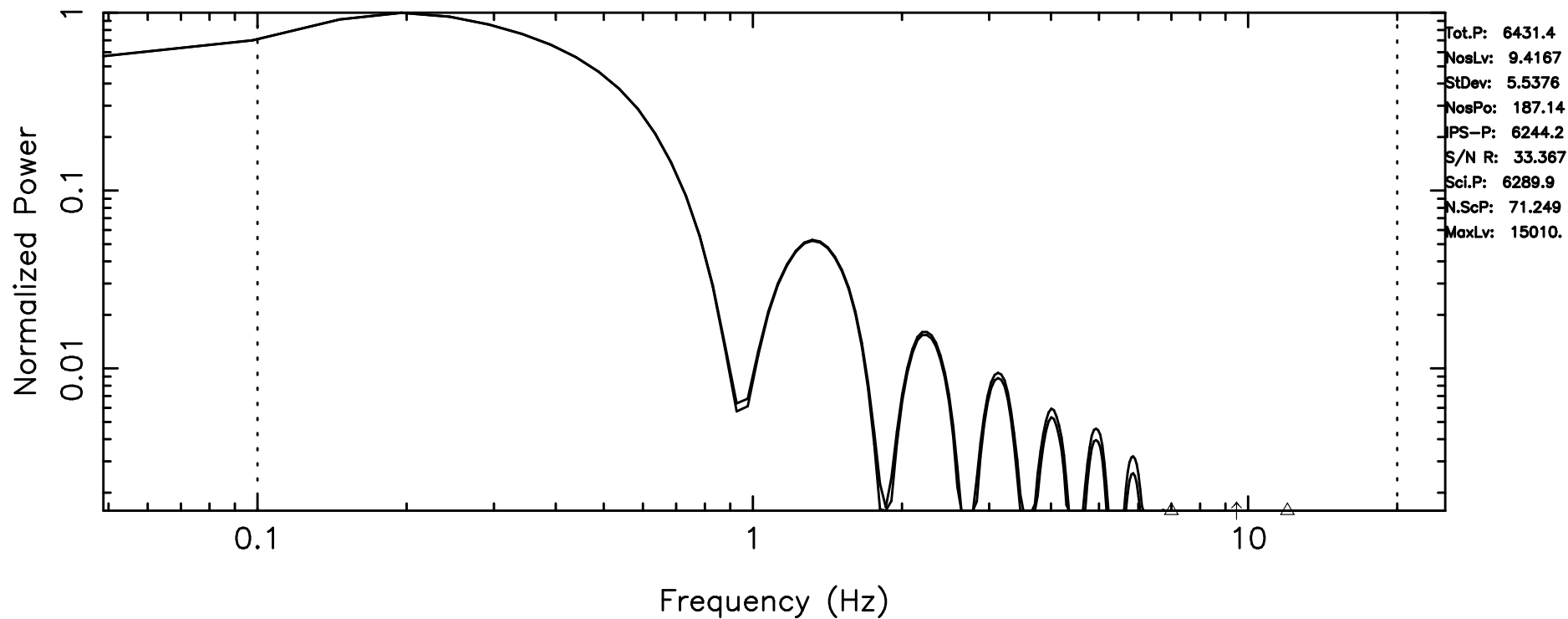
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



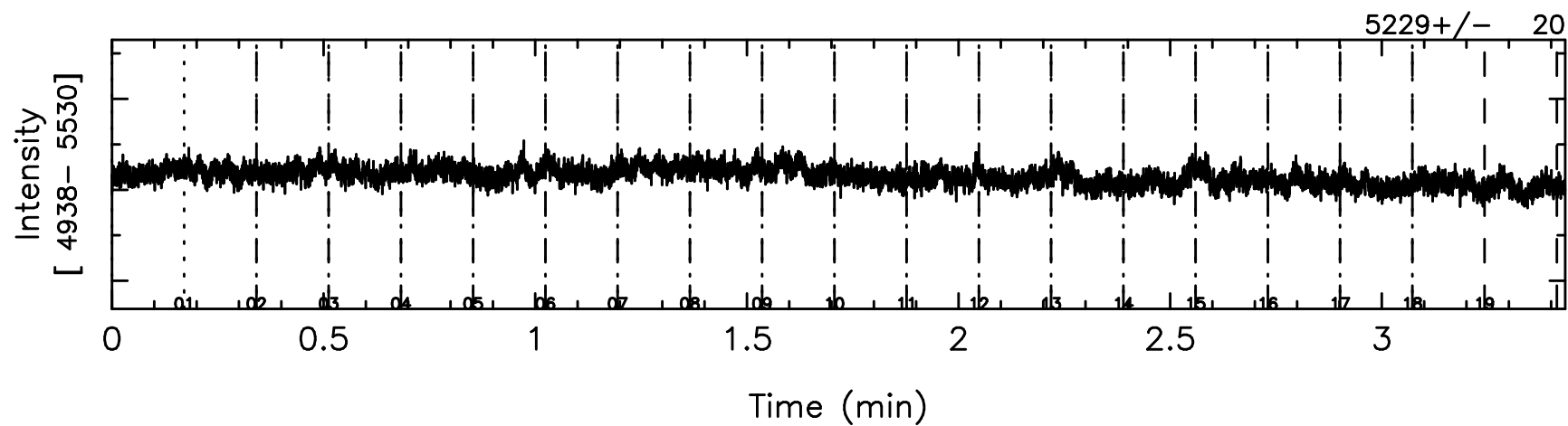
TOYOKAWA 0723+10 2024/07/05(187)12:21:33-12:24:59JST



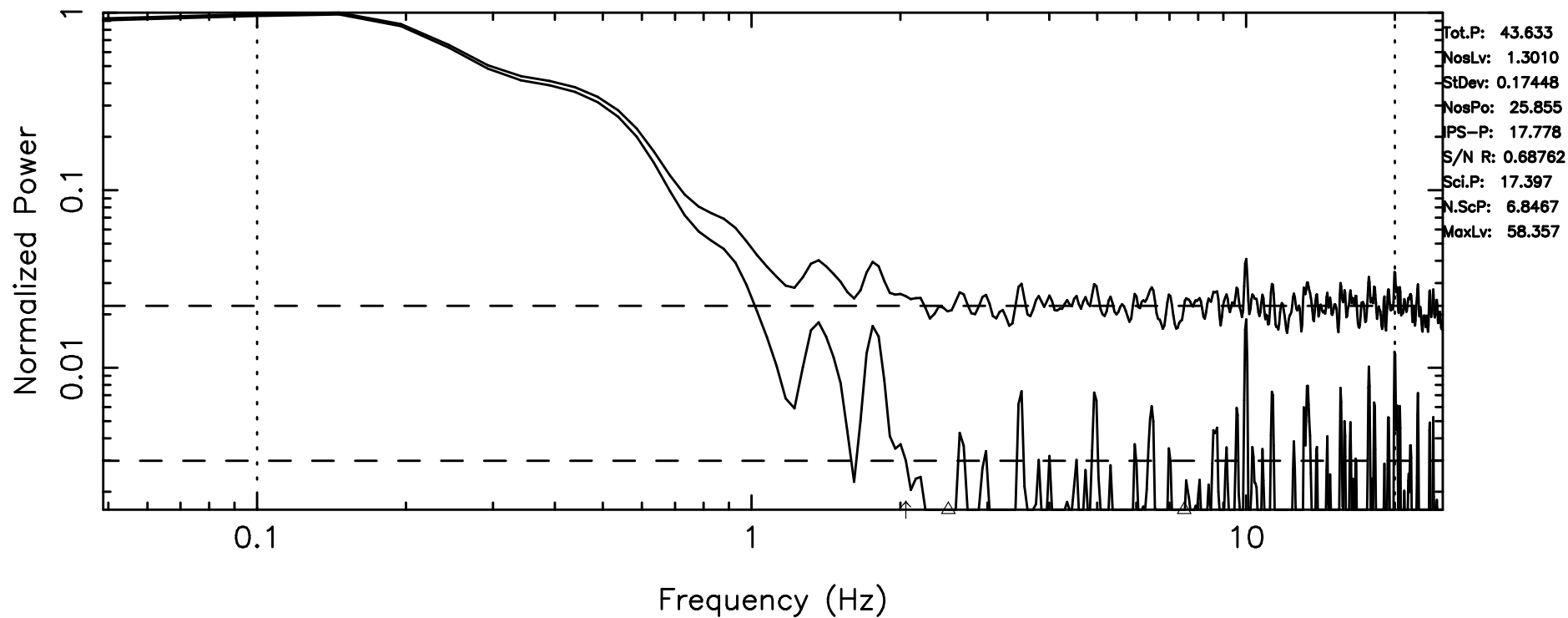
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



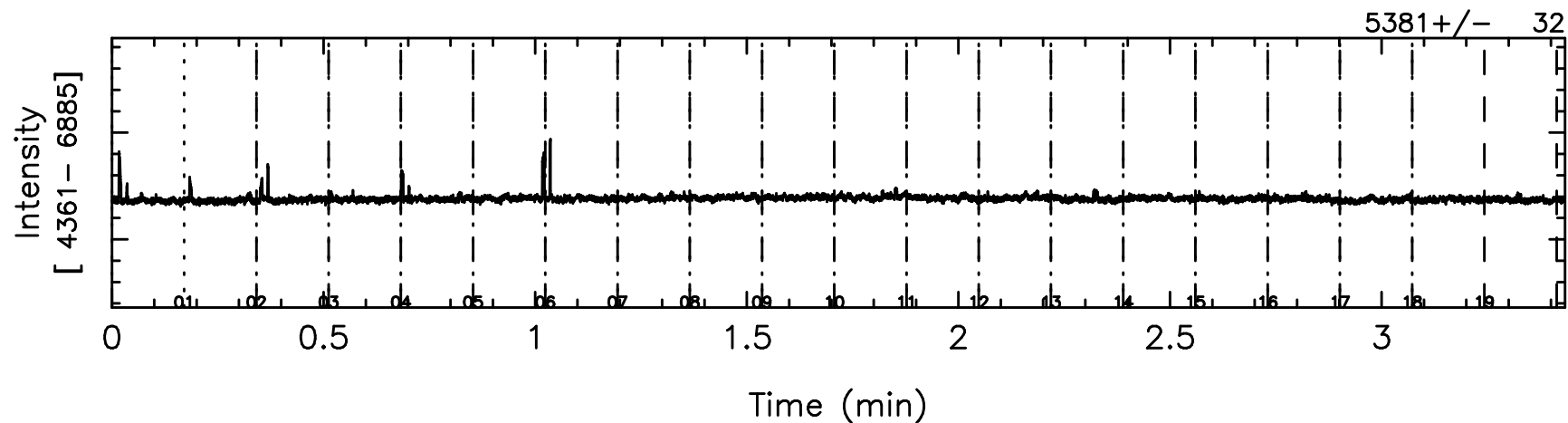
TOYOKAWA 0732+33 2024/07/05(187)12:31:47-12:35:13JST



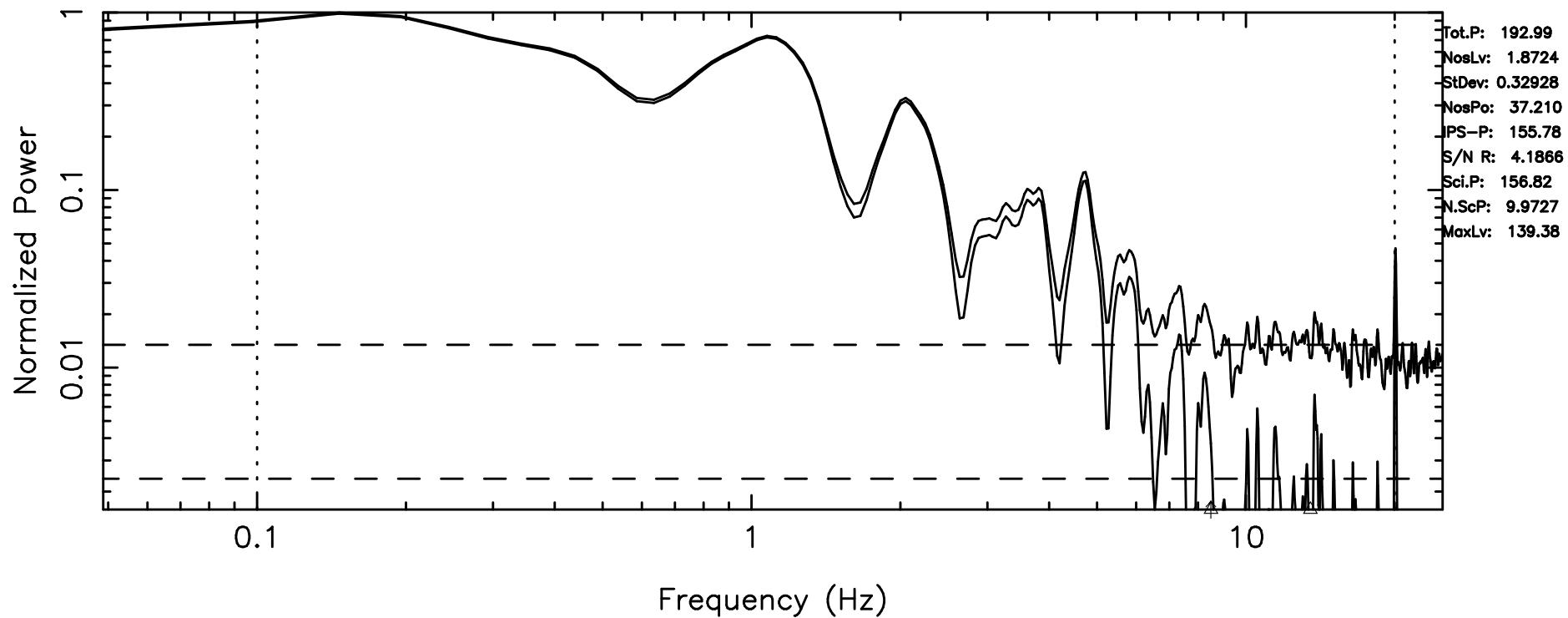
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



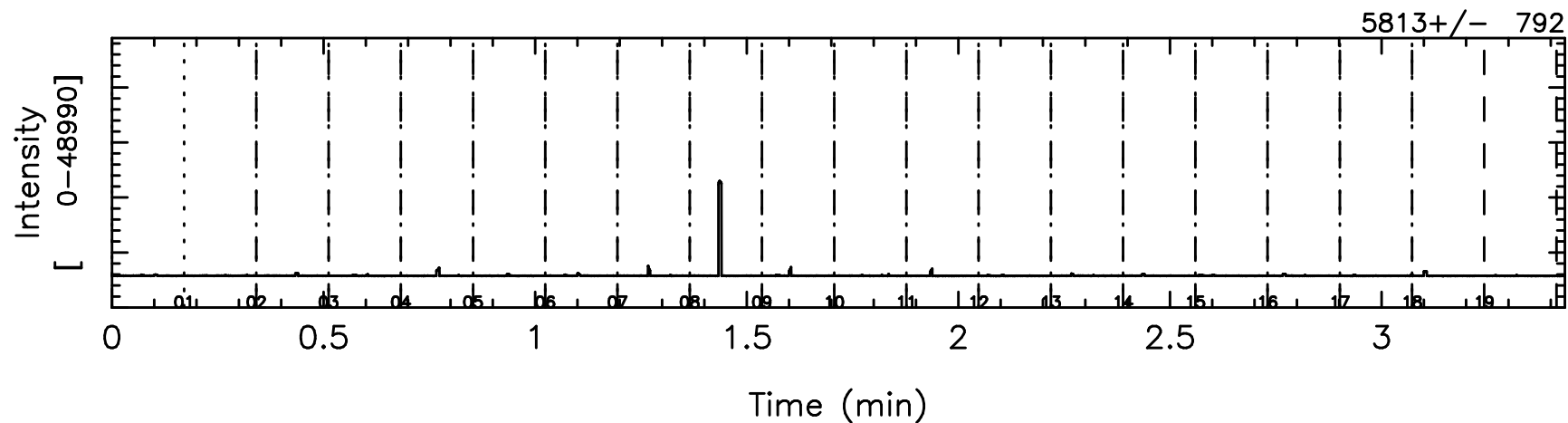
TOYOKAWA 0741-06 2024/07/05(187)12:39:49-12:43:15JST



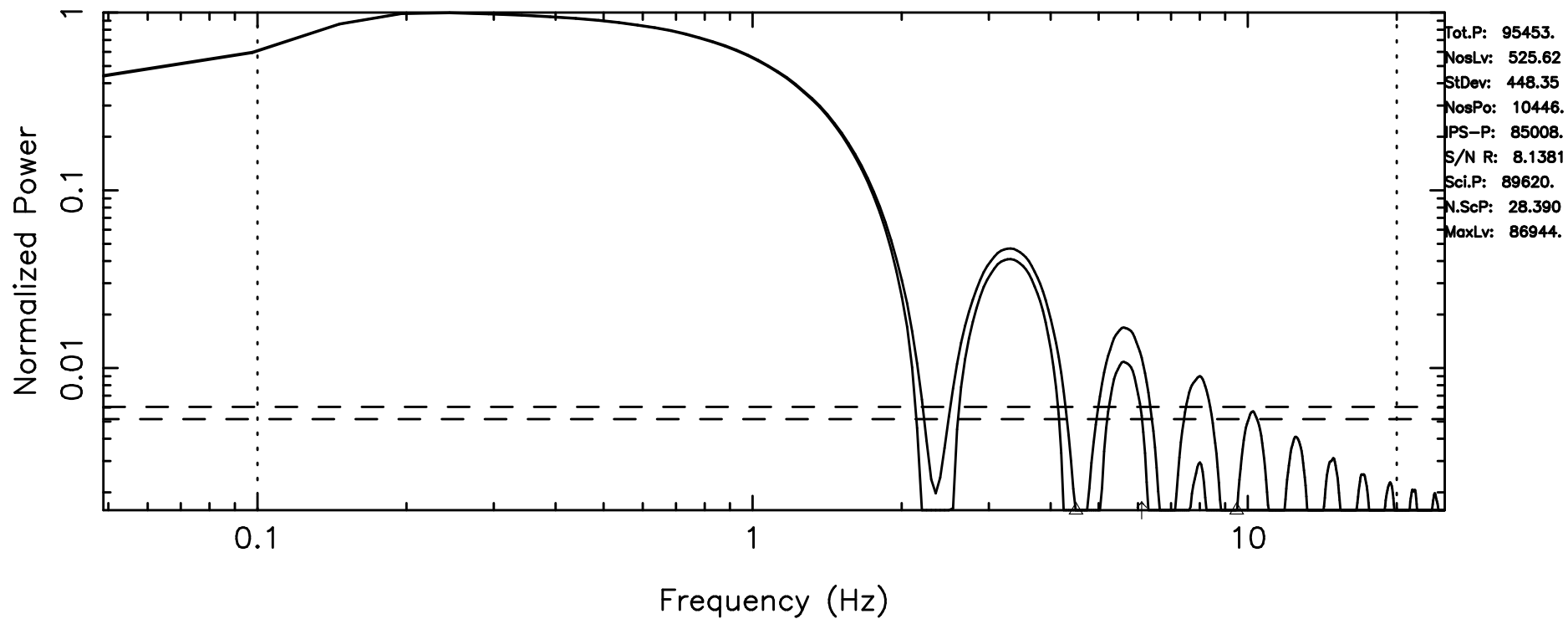
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



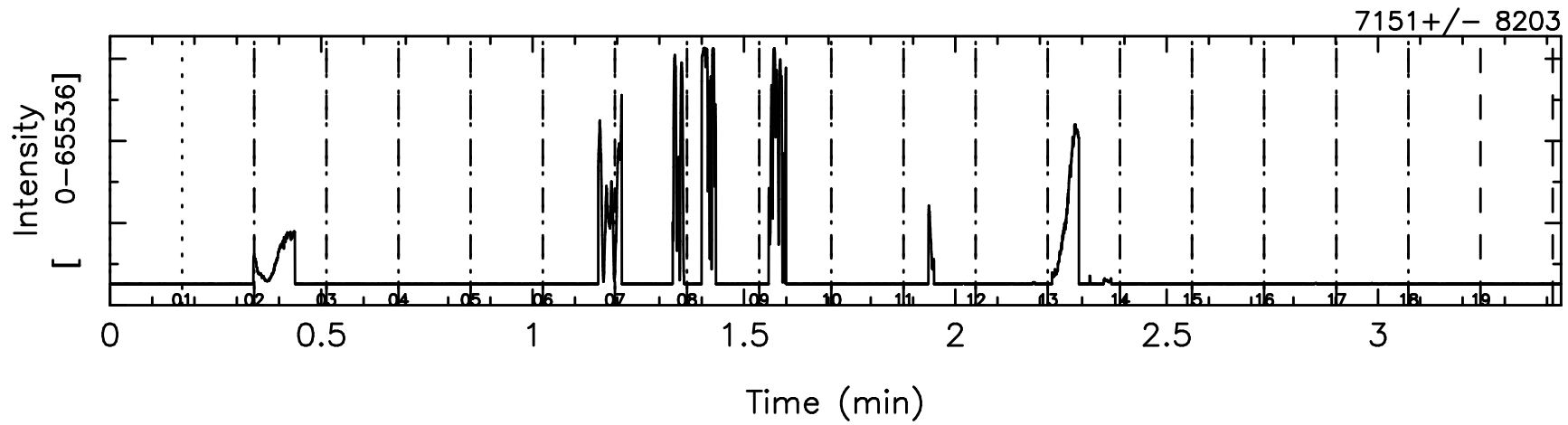
TOYOKAWA 0752-200 2024/07/05(187)12:49:34-12:53:00JST



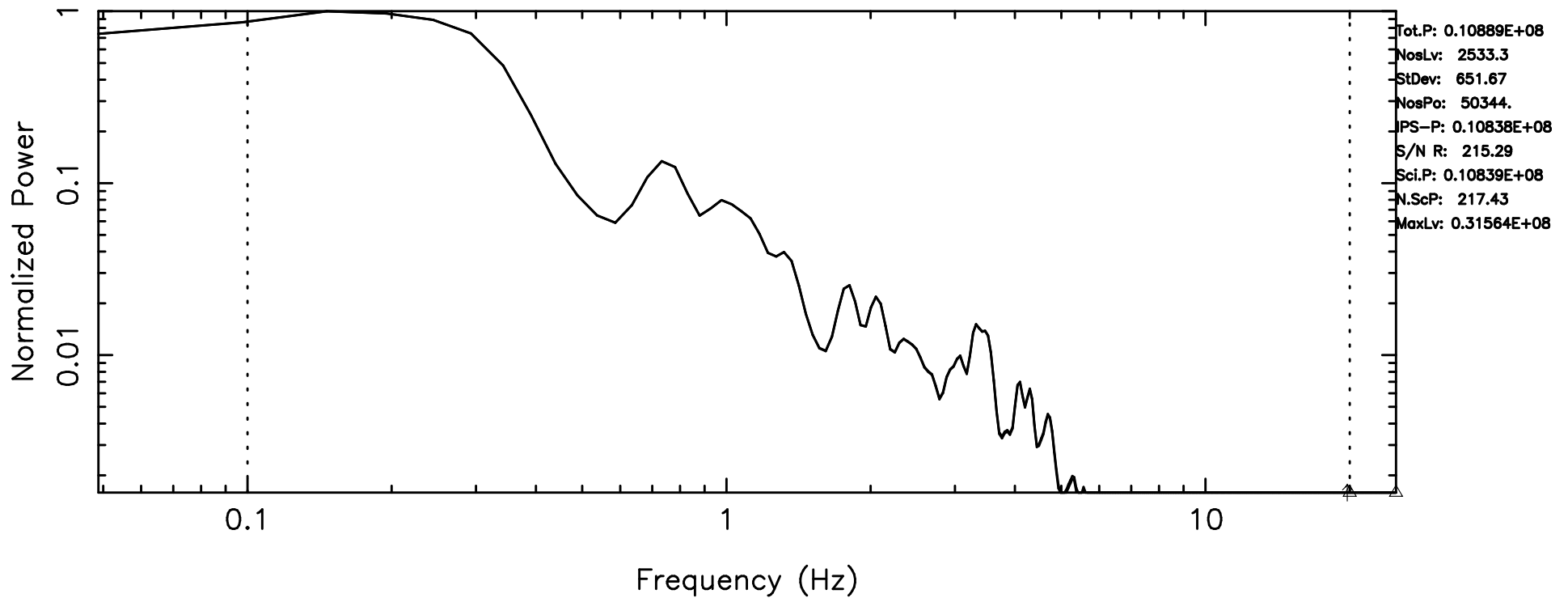
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



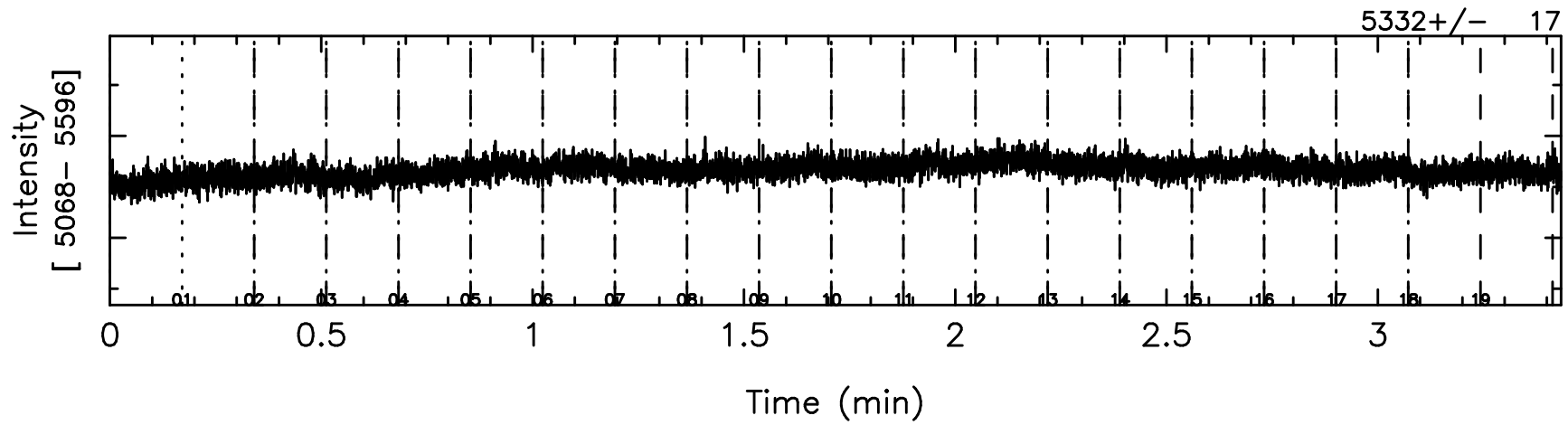
TOYOKAWA 3C190 2024/07/05(187)12:57:09-13:00:35JST



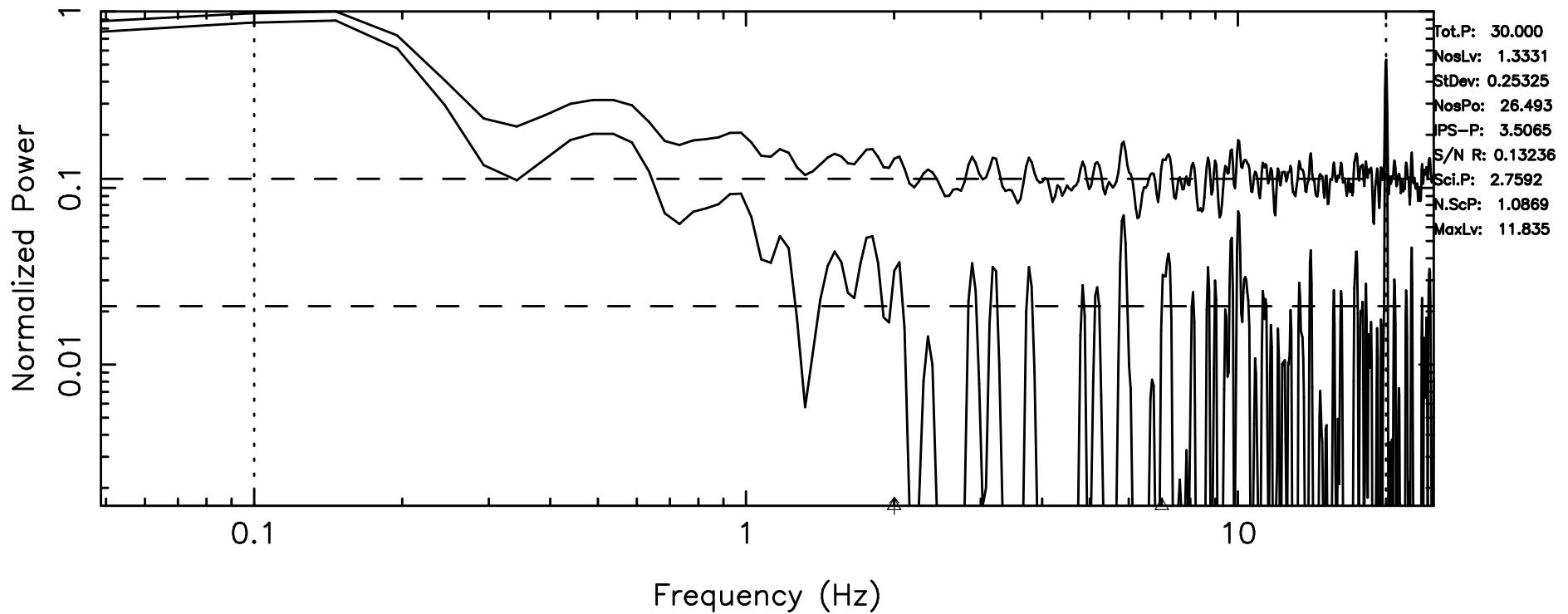
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



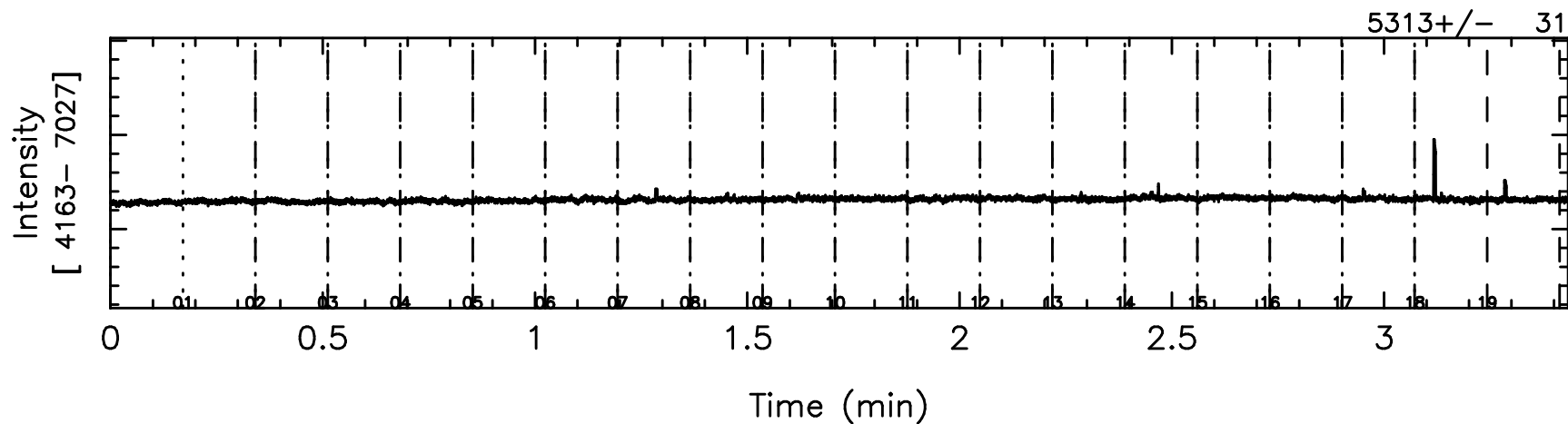
TOYOKAWA 0806-103 2024/07/05(187)13:04:14-13:07:40JST



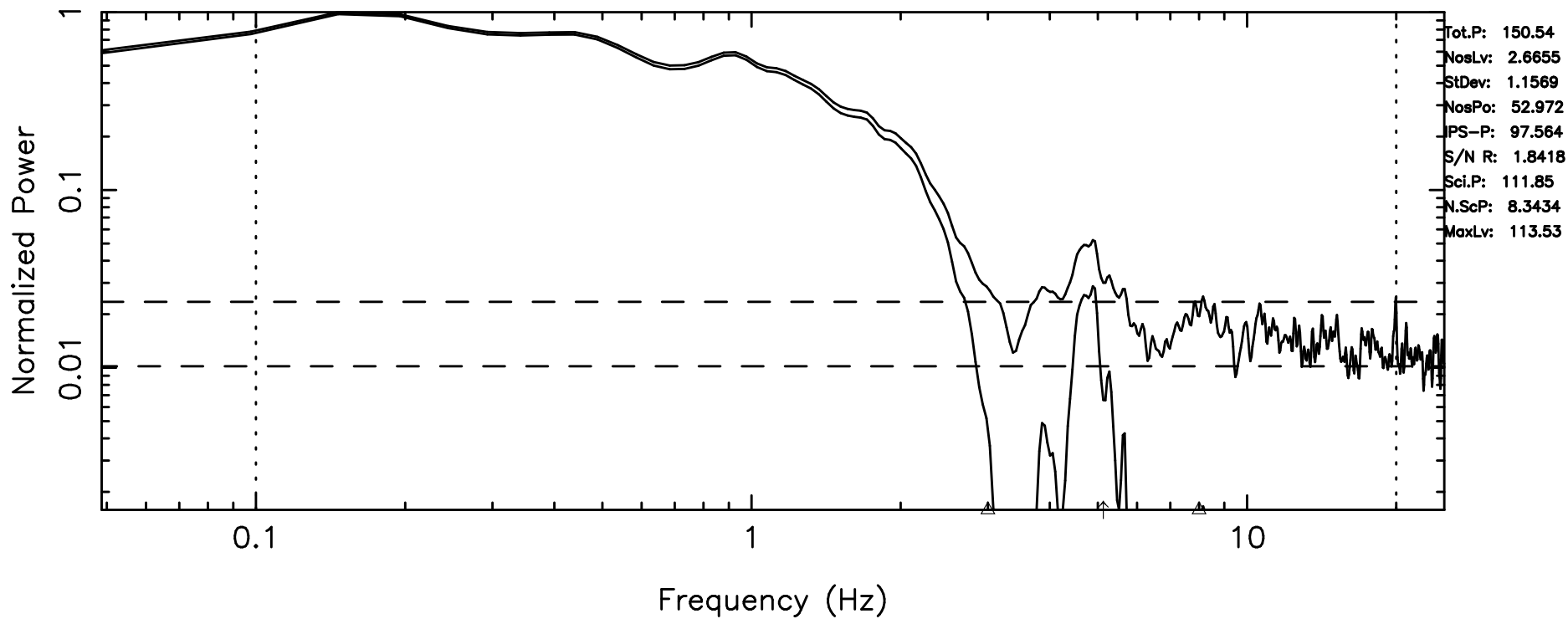
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



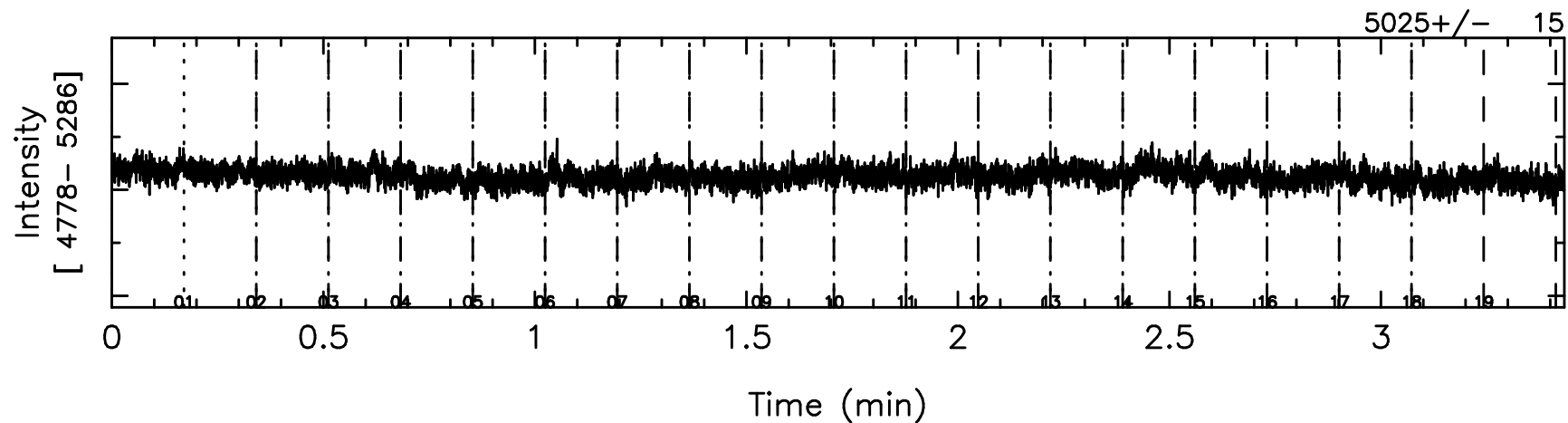
TOYOKAWA 3C196 2024/07/05(187)13:09:33-13:12:59JST



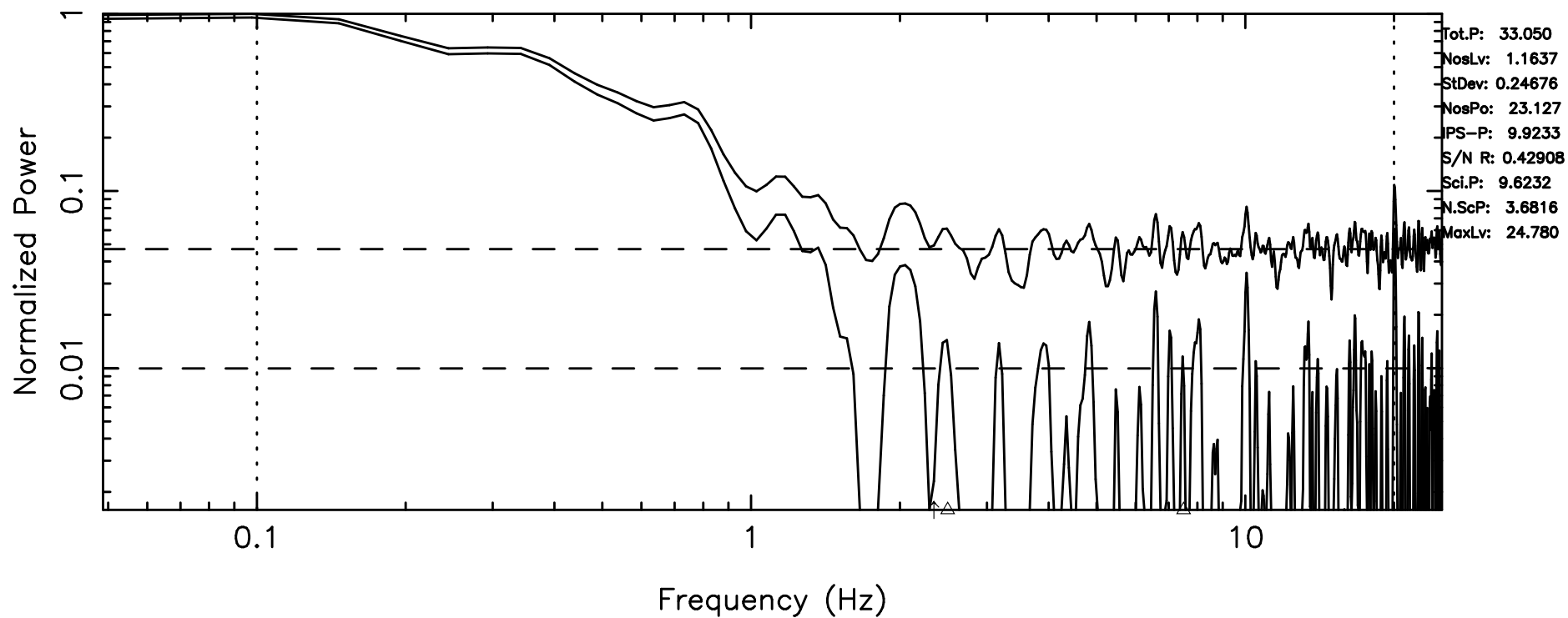
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



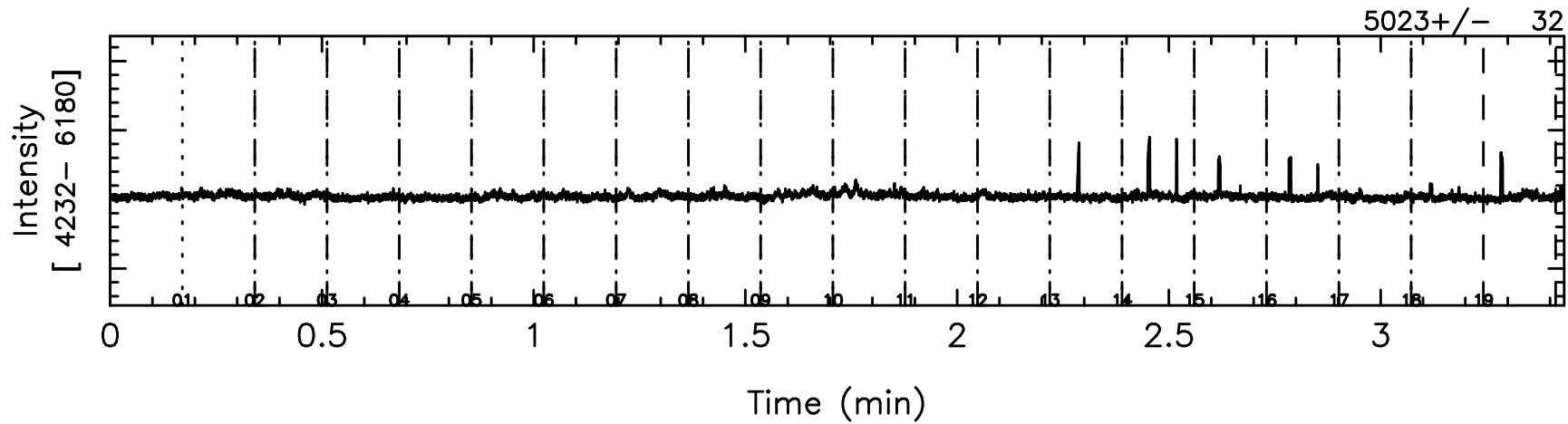
TOYOKAWA 0817+183 2024/07/05(187)13:16:18-13:19:44JST



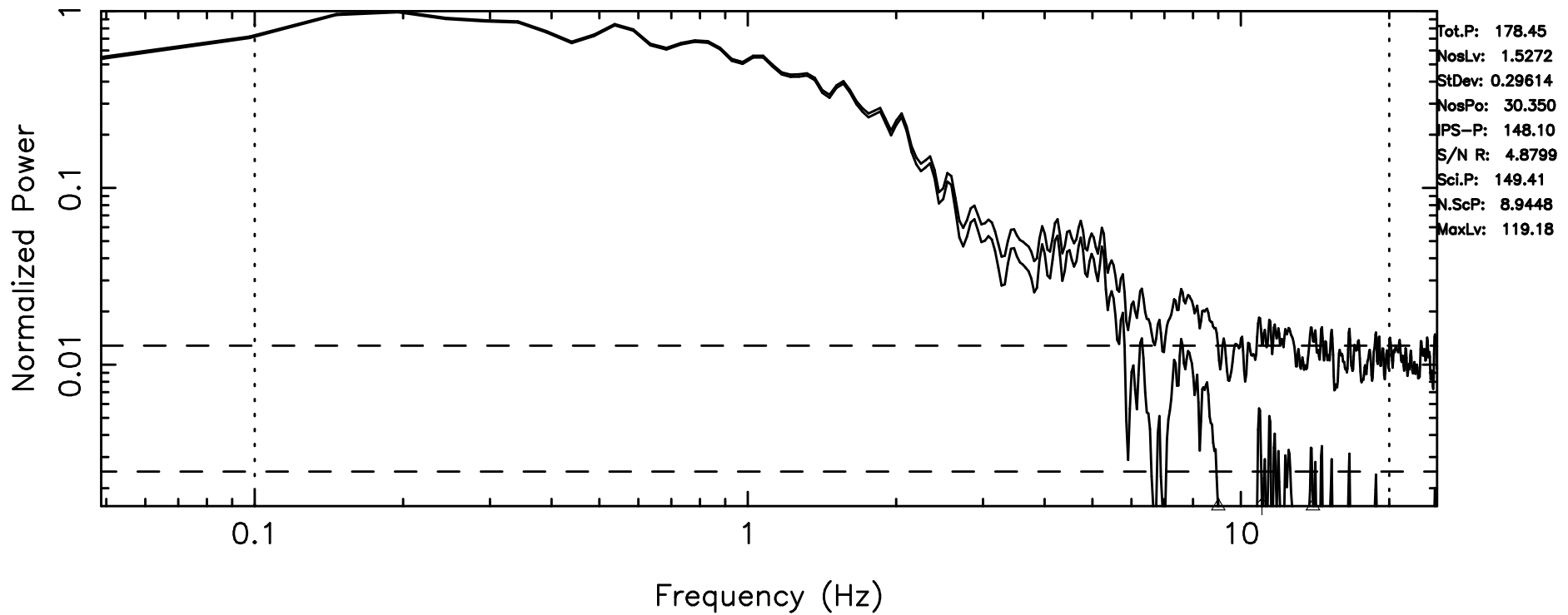
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



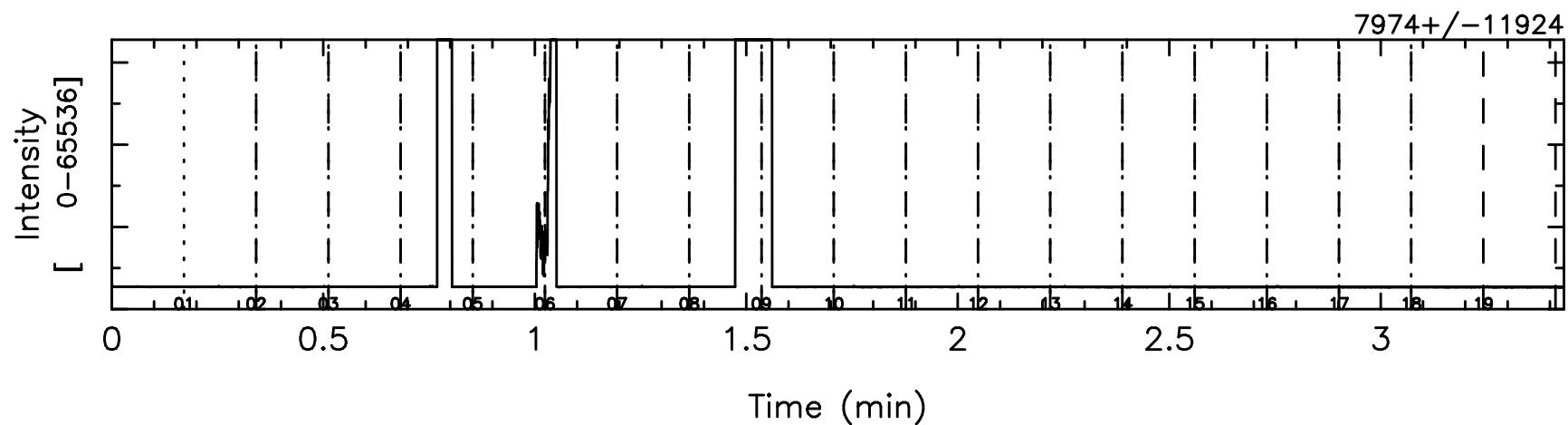
TOYOKAWA 0821+394 2024/07/05(187)13:20:43-13:24:09JST



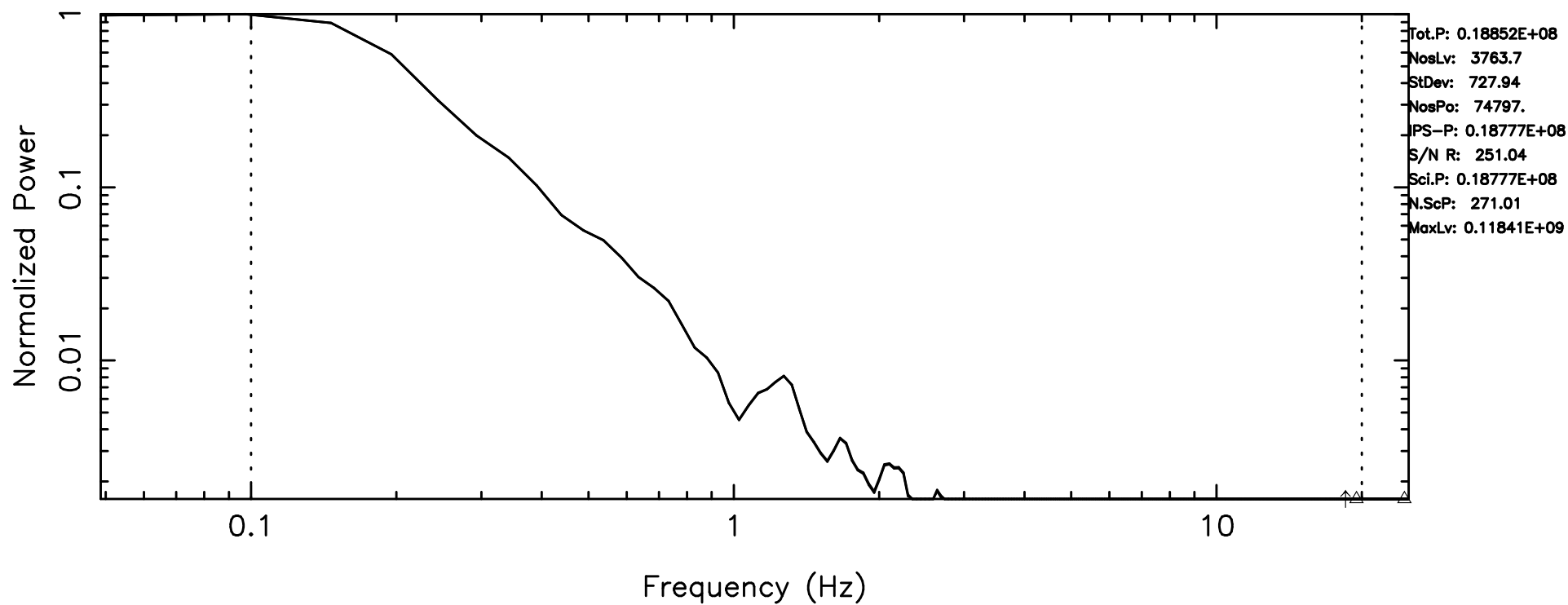
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



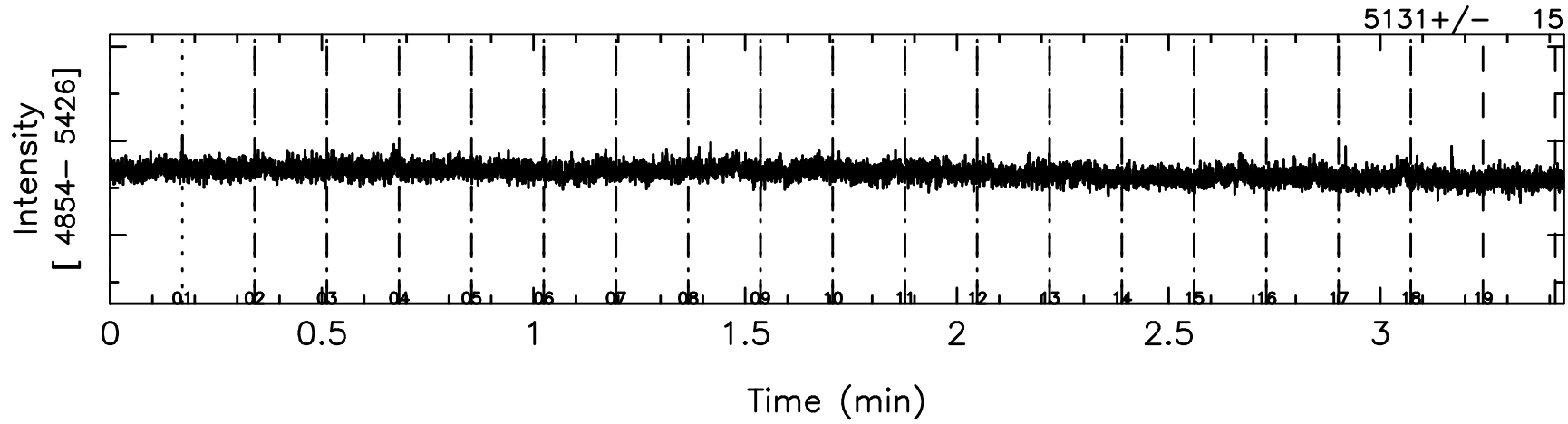
TOYOKAWA 0834-19 2024/07/05(187)13:32:23-13:35:49JST



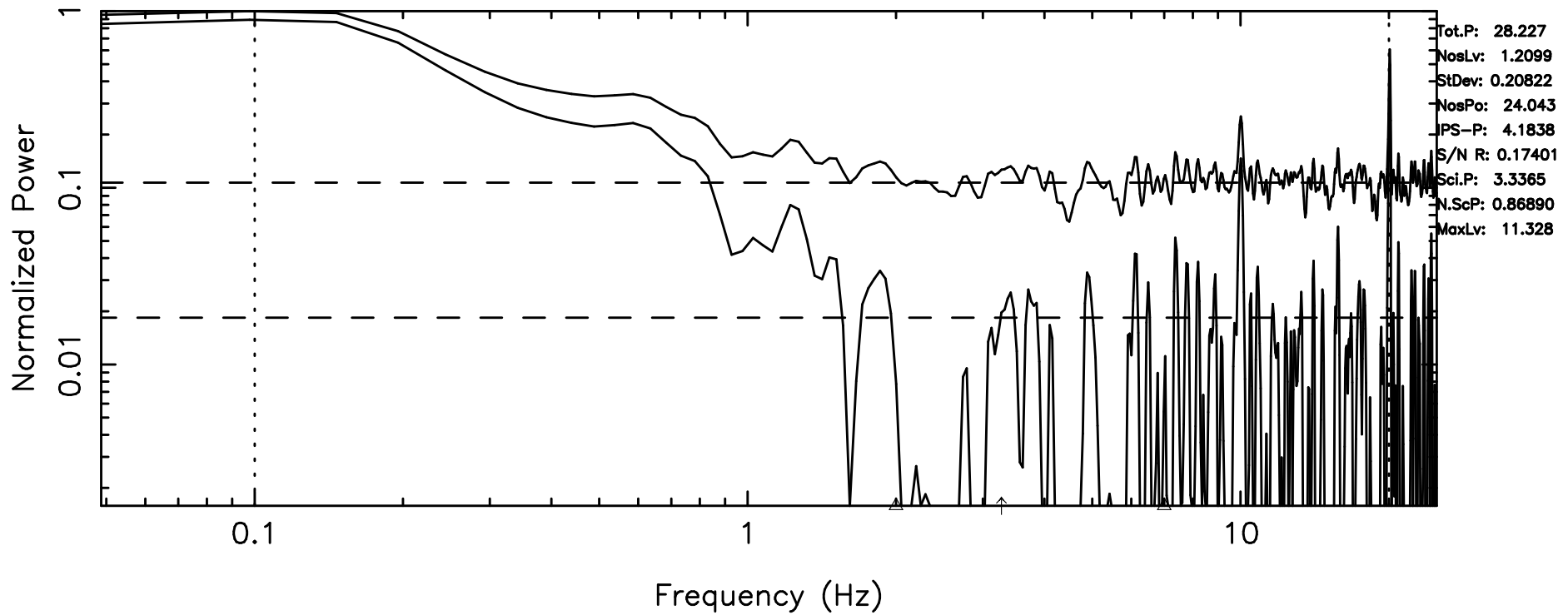
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



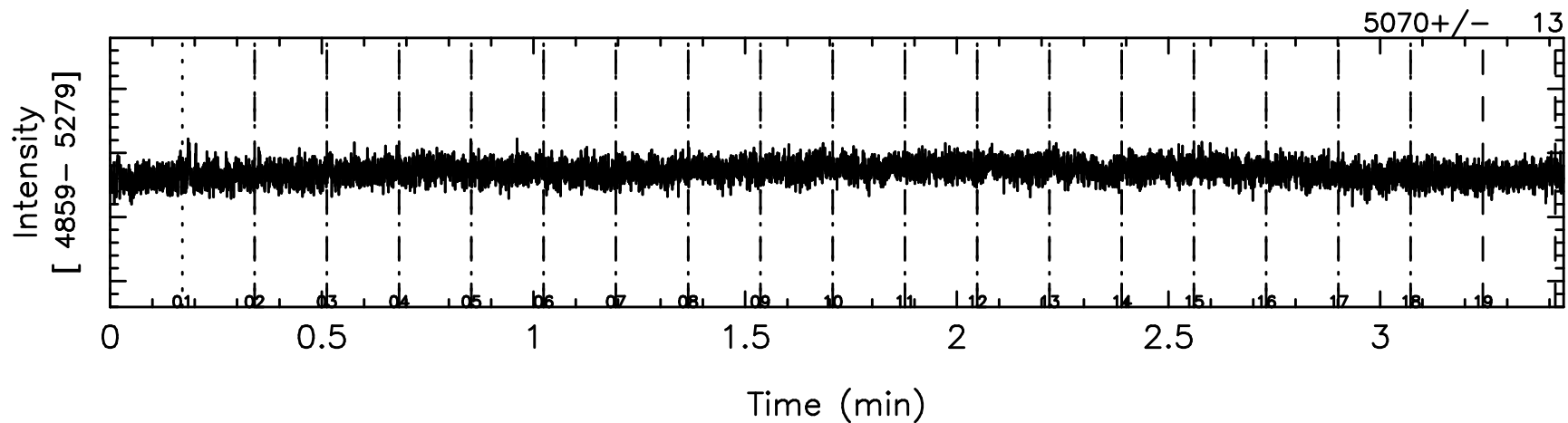
TOYOKAWA 0839-071 2024/07/05(187)13:37:28-13:40:54JST



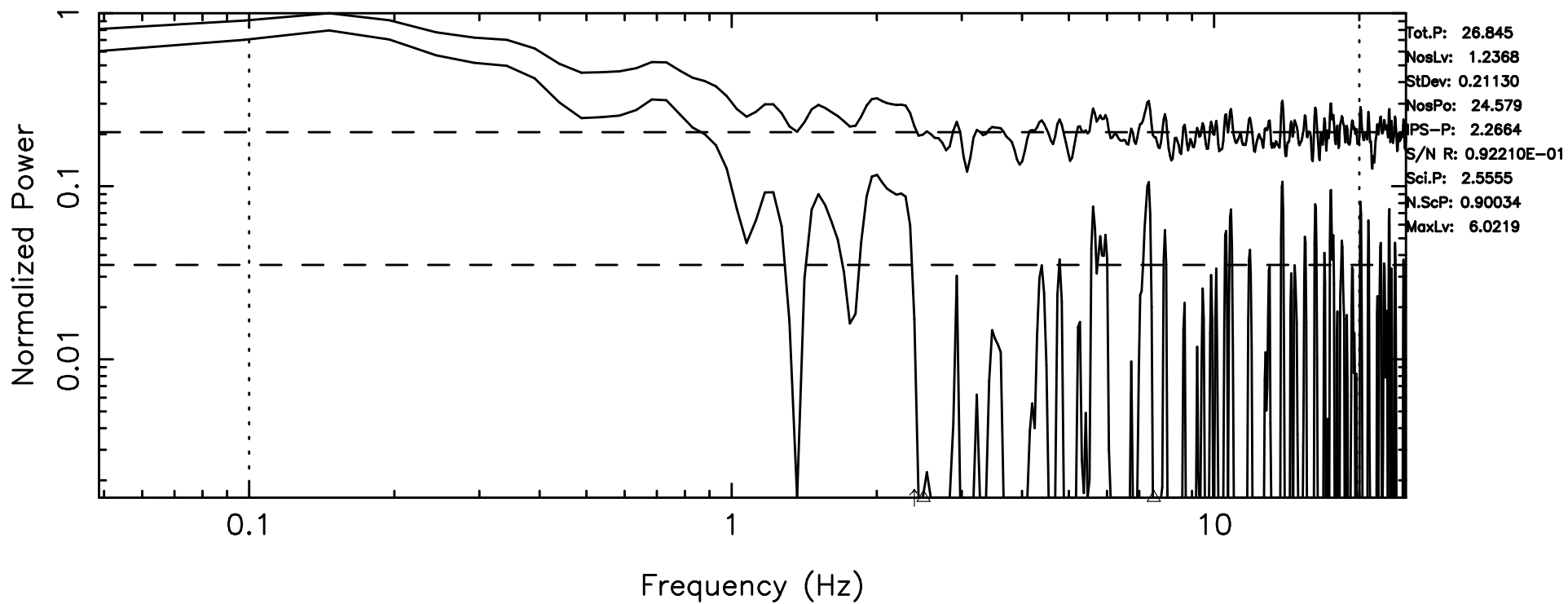
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



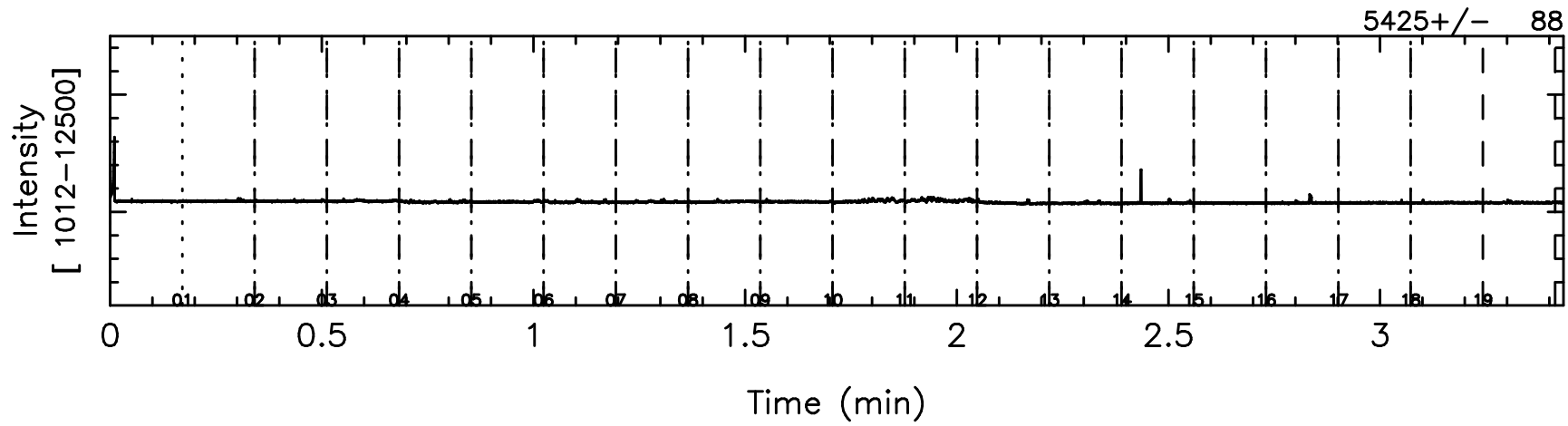
TOYOKAWA 3C208 2024/07/05(187)13:48:29-13:51:55JST



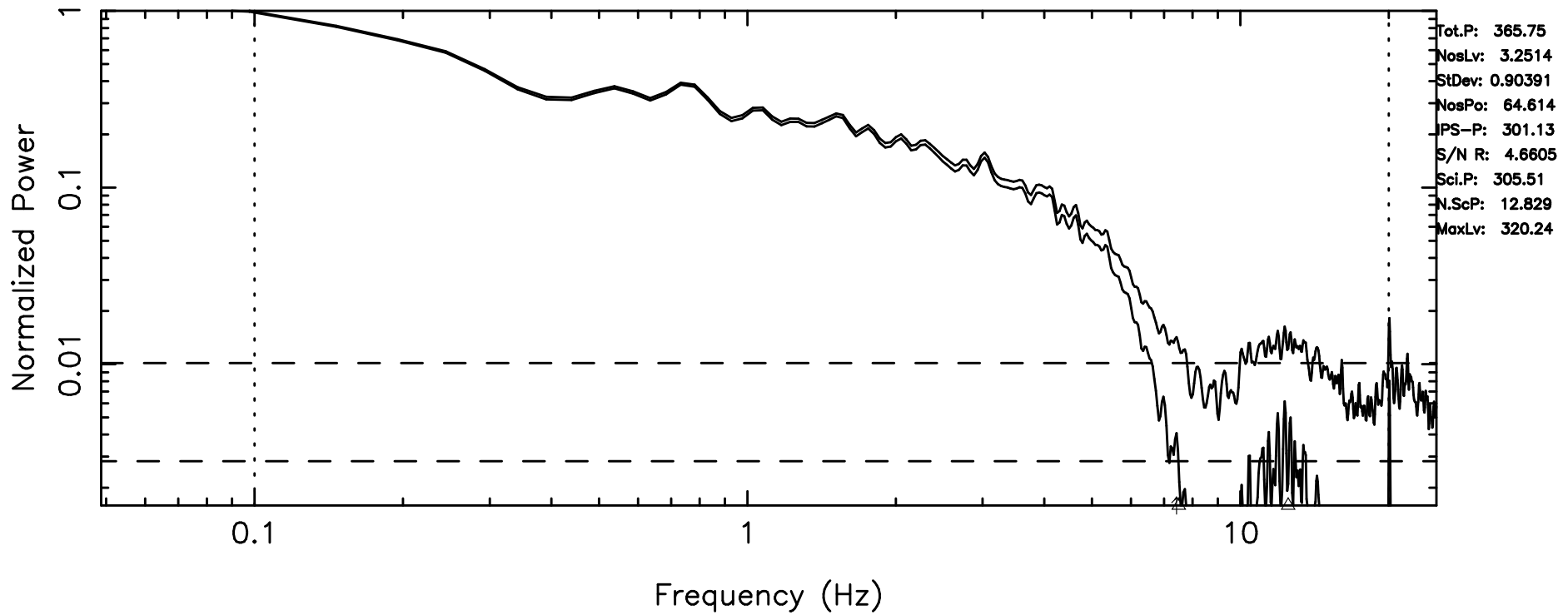
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



TOYOKAWA 0857-191 2024/07/05(187)13:54:50-13:58:16JST

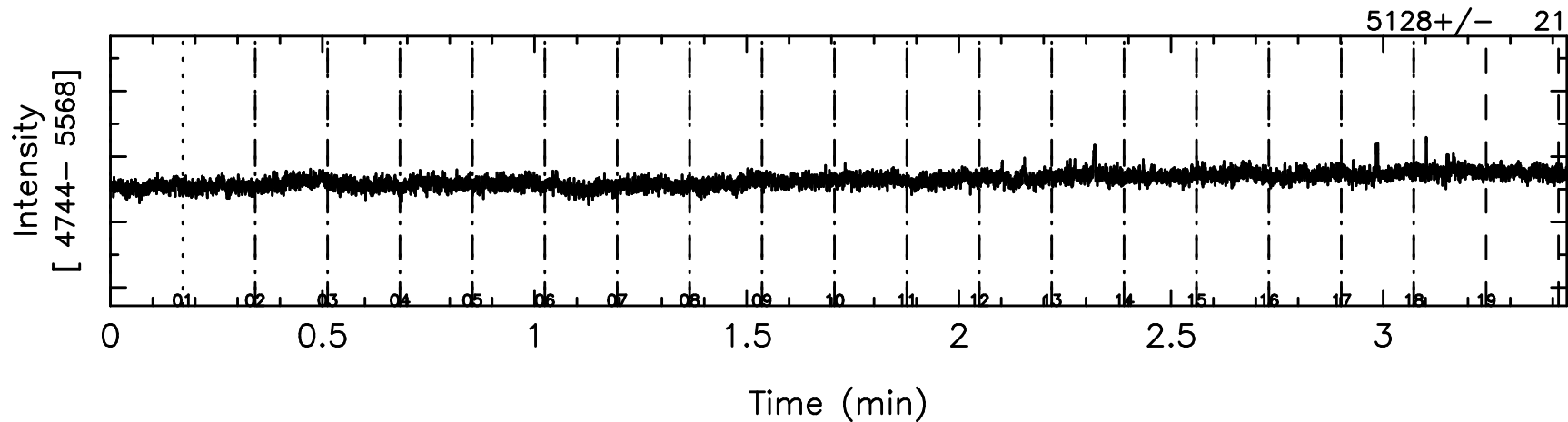


DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)

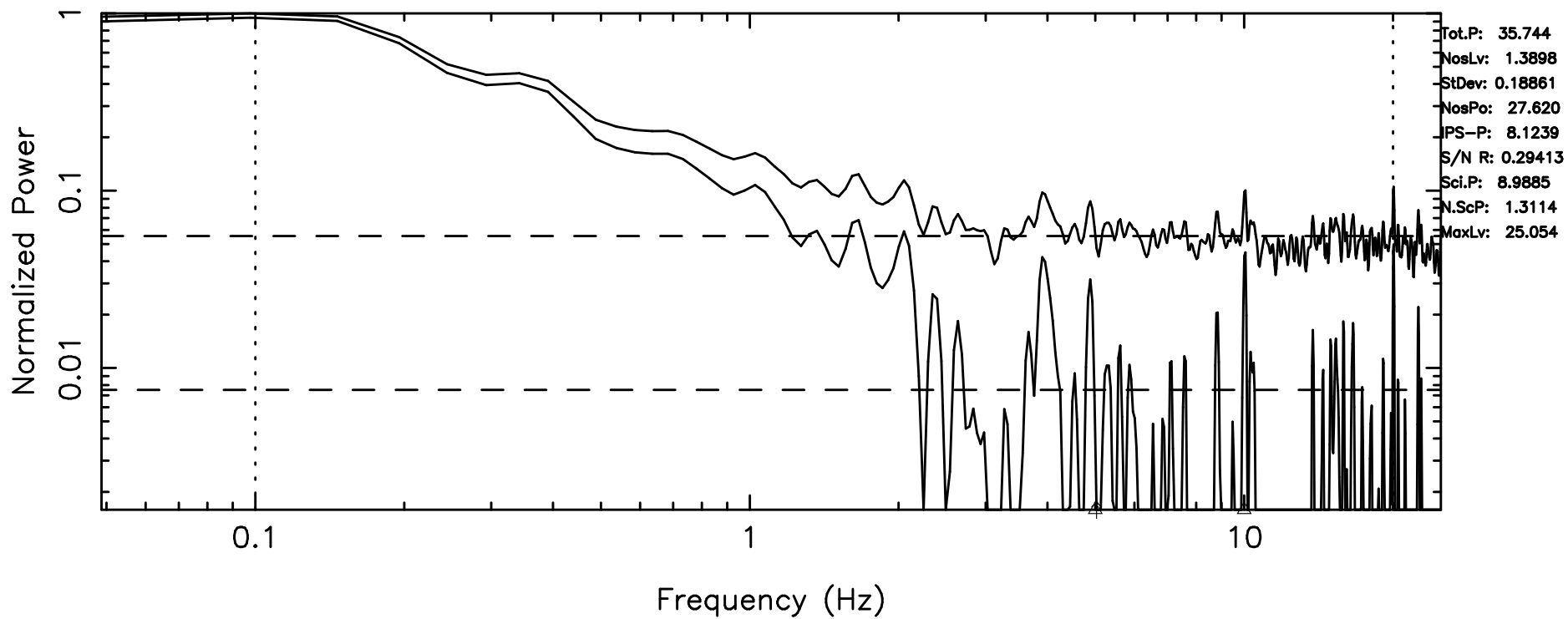


TOYOKAWA 3C216

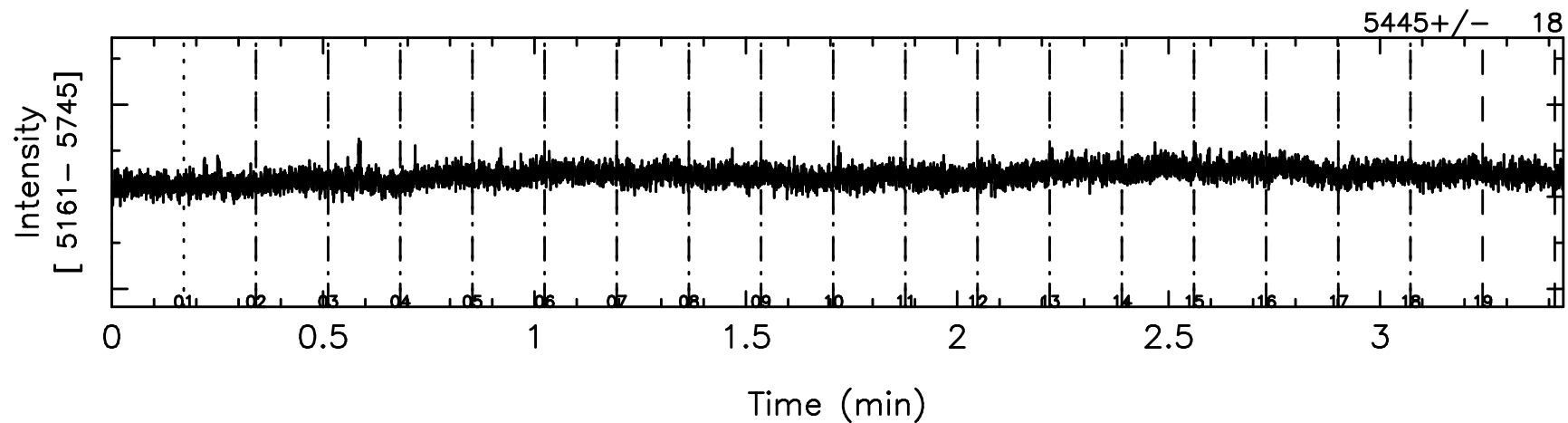
2024/07/05(187)14:05:11-14:08:37JST



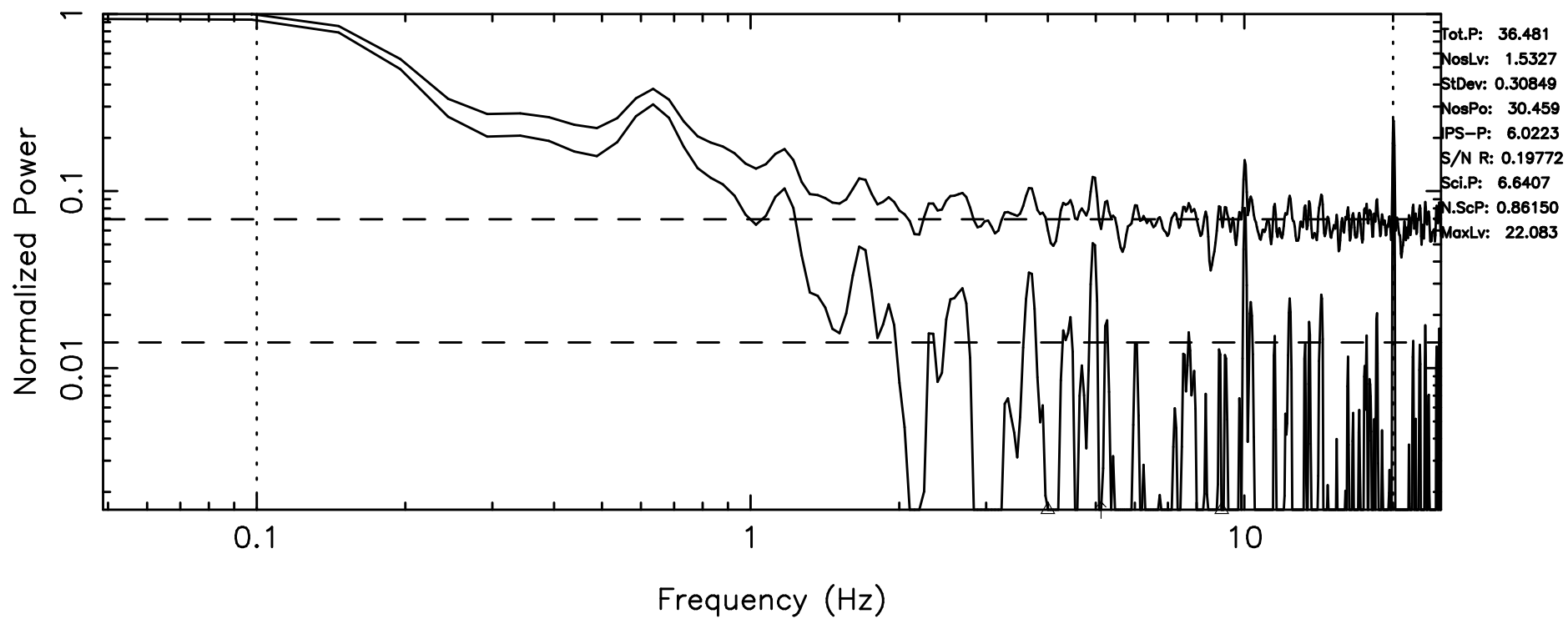
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



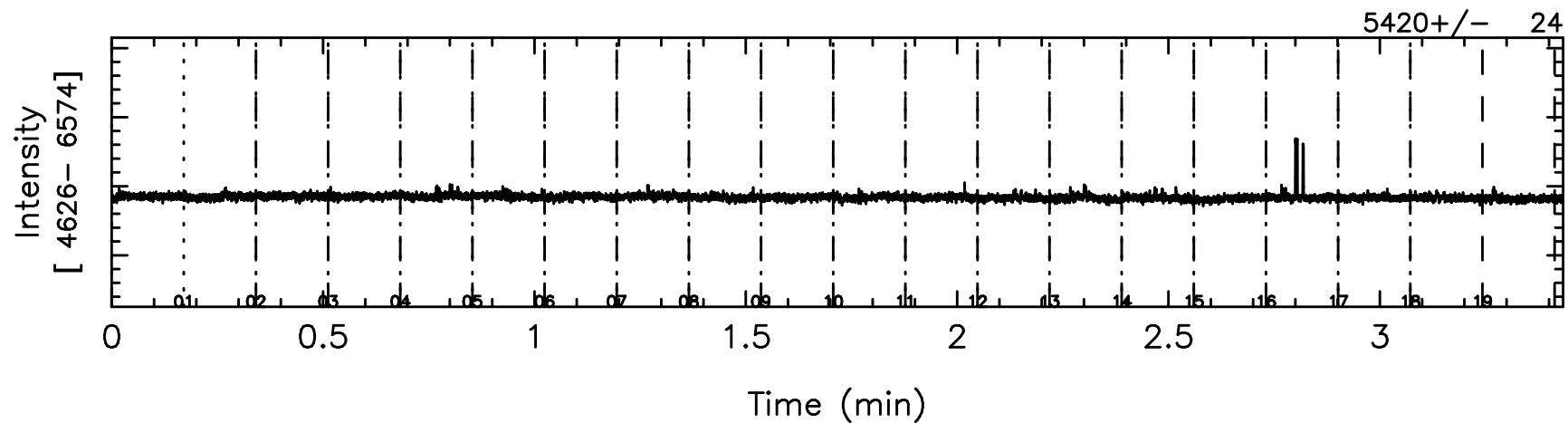
TOYOKAWA 0912-132 2024/07/05(187)14:09:55-14:13:21JST



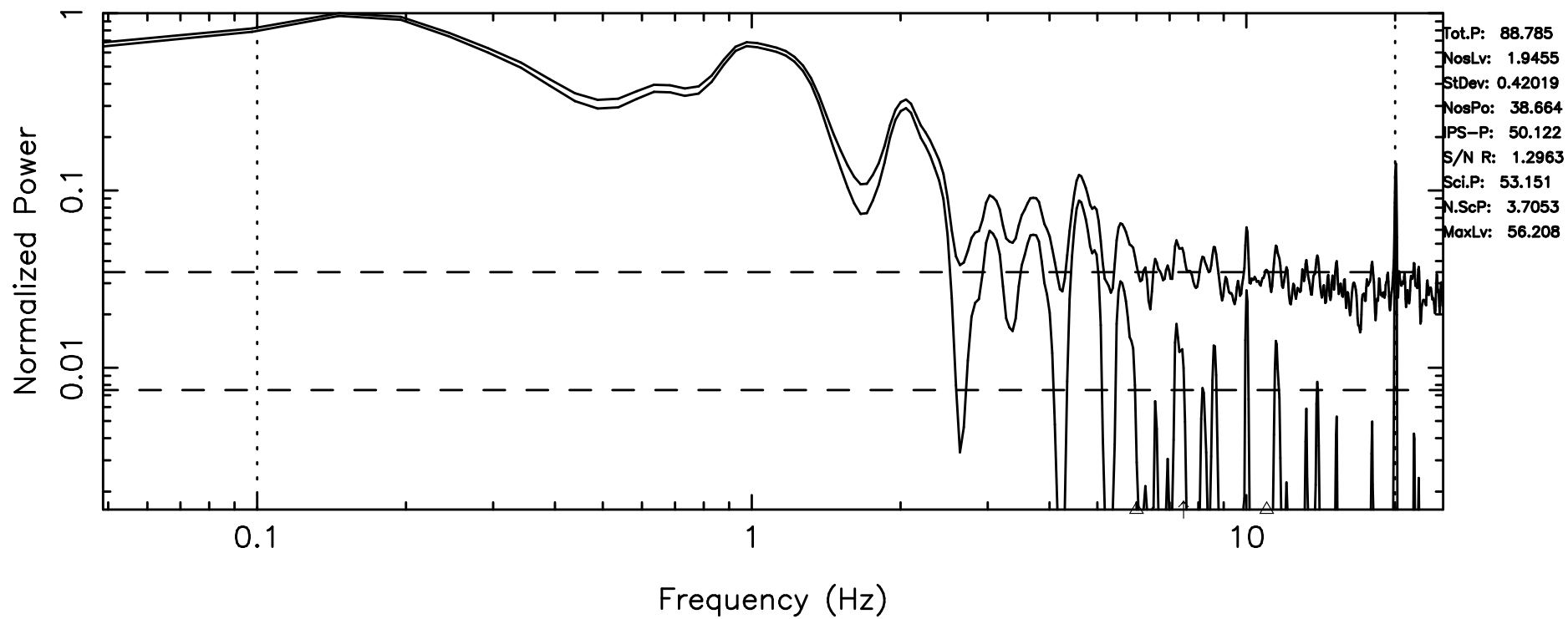
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



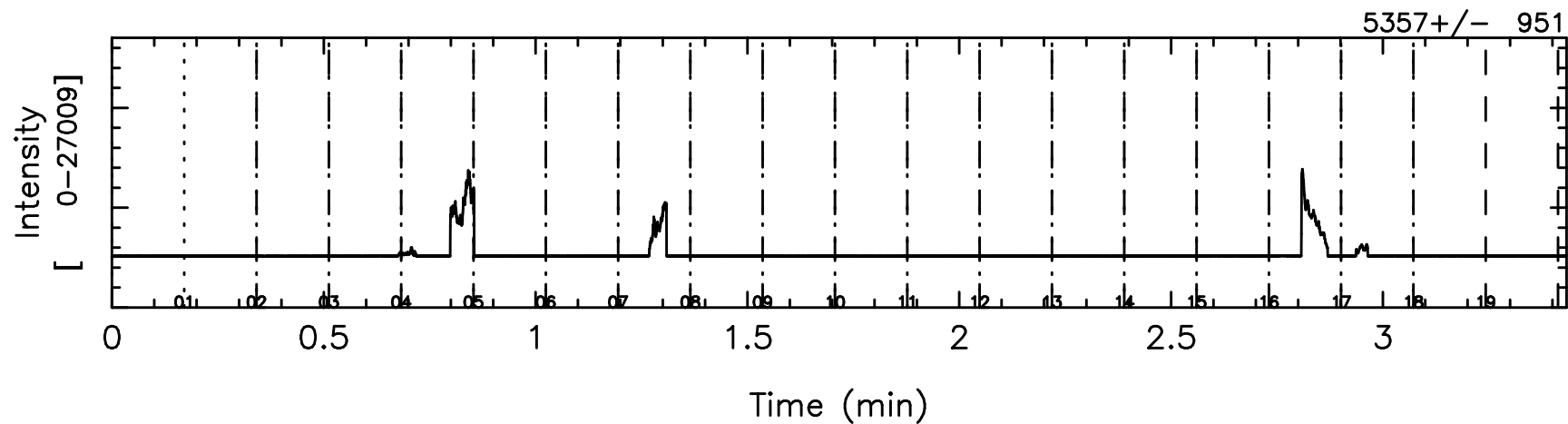
TOYOKAWA 0919-142 2024/07/05(187)14:17:22-14:20:48JST



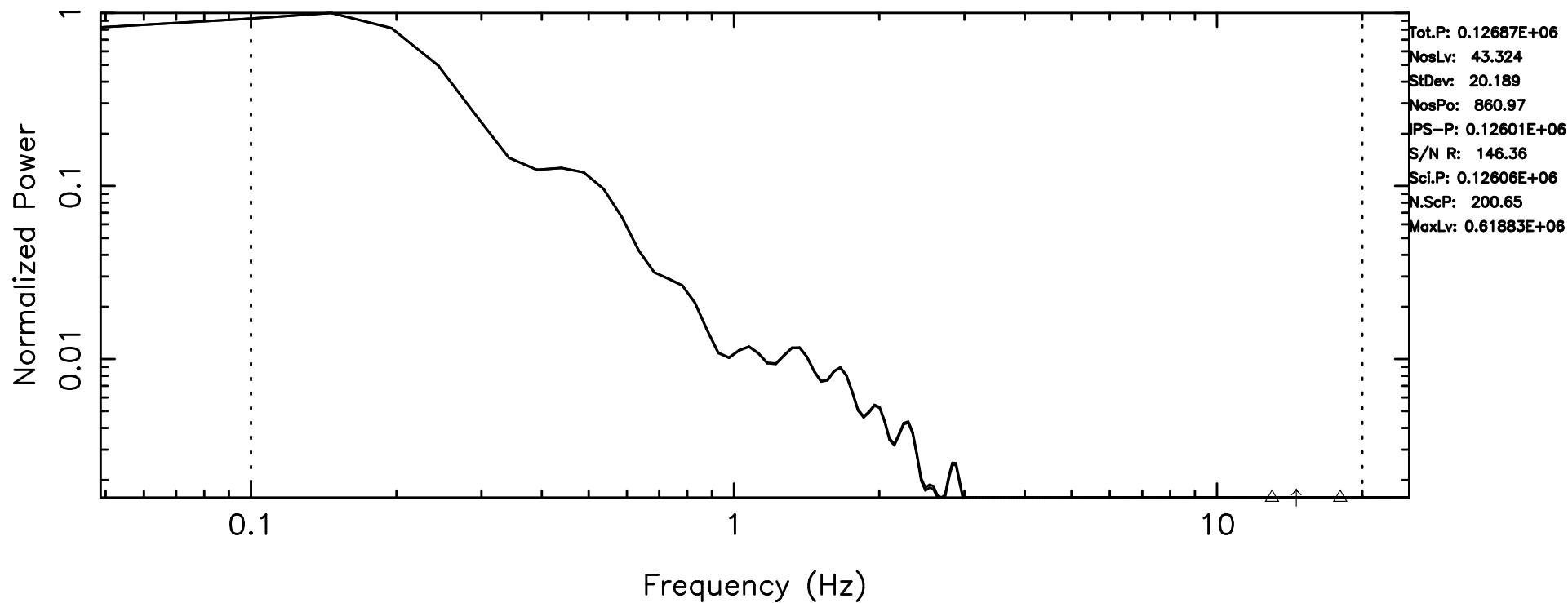
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



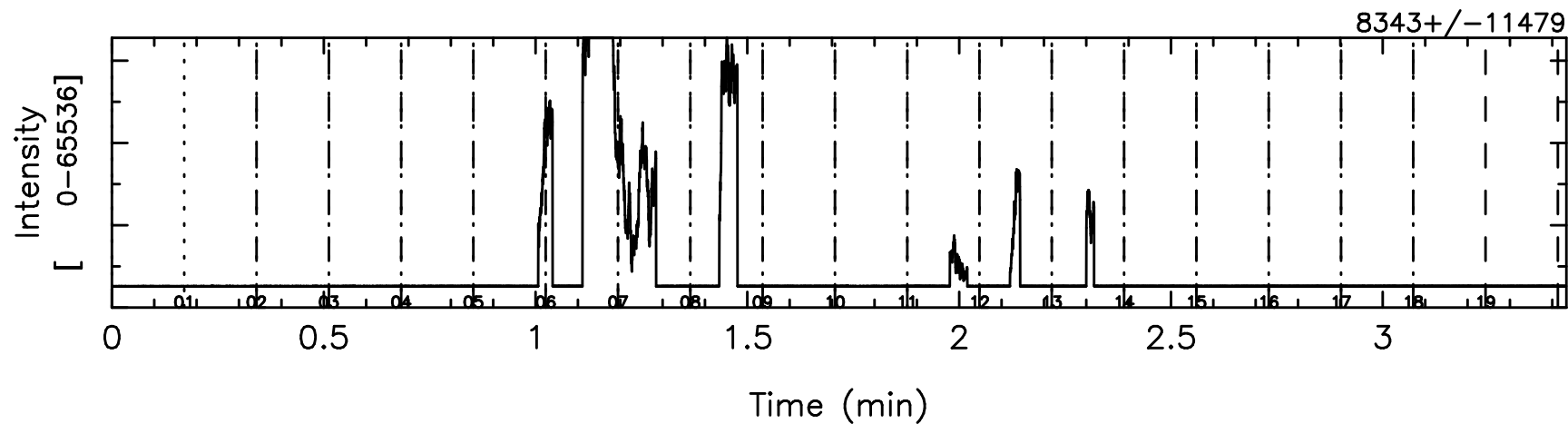
TOYOKAWA 0926+117 2024/07/05(187)14:24:01-14:27:27JST



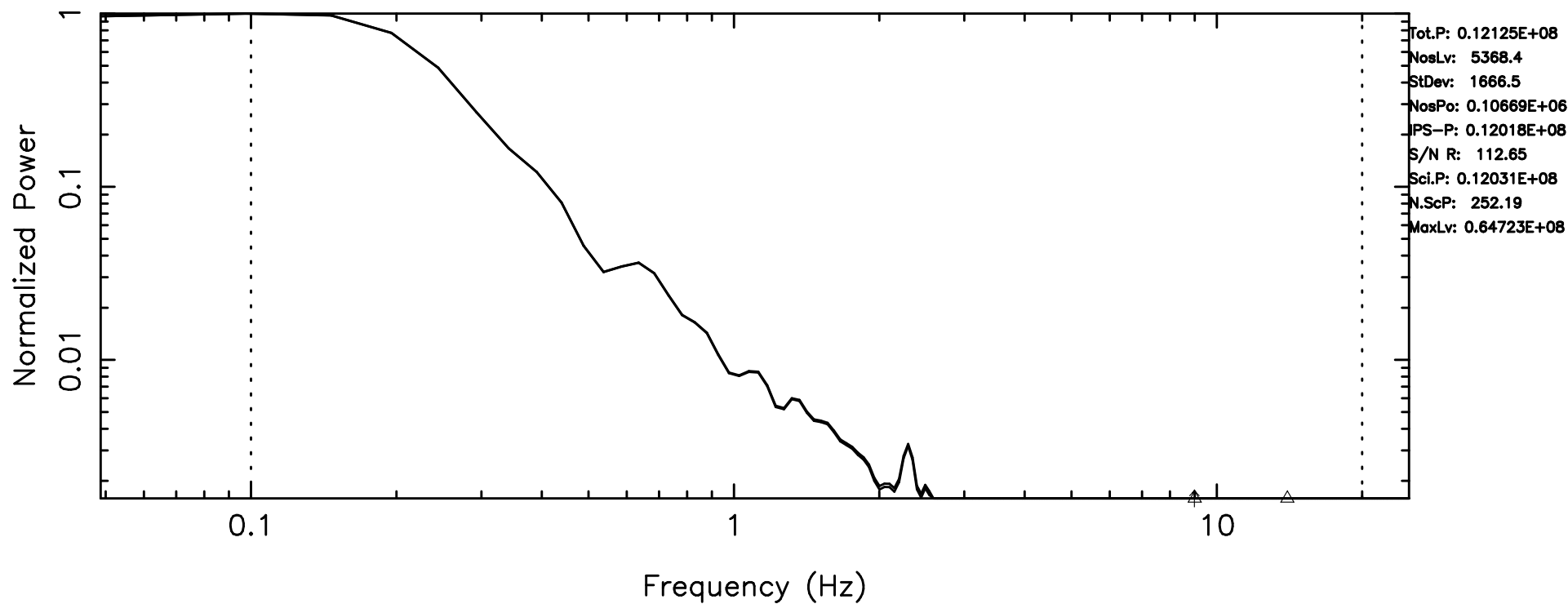
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



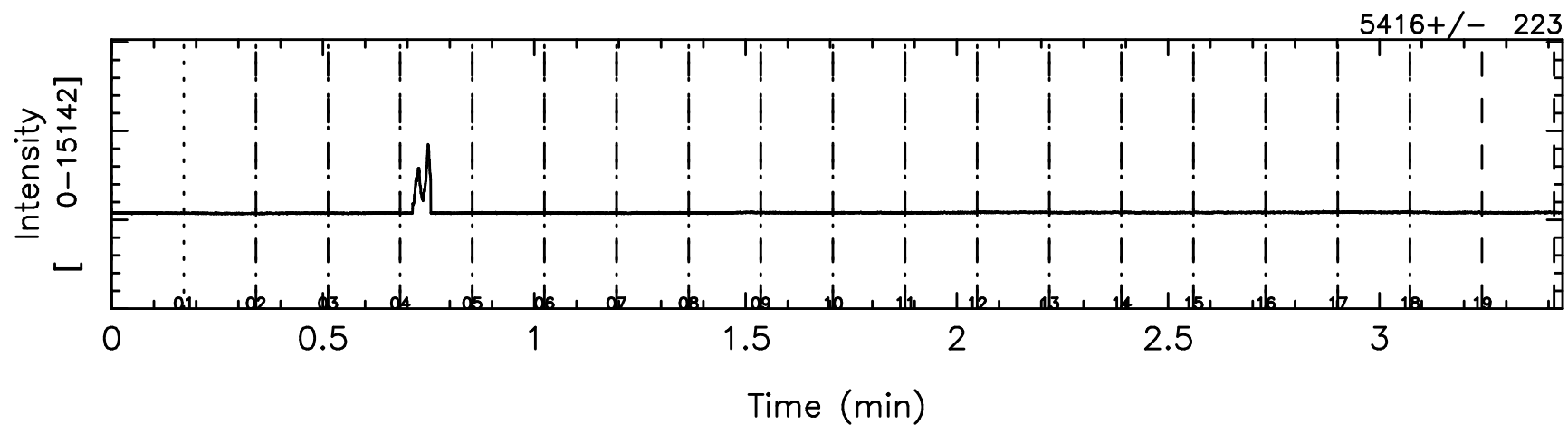
TOYOKAWA 3C222 2024/07/05(187)14:31:46-14:35:12JST



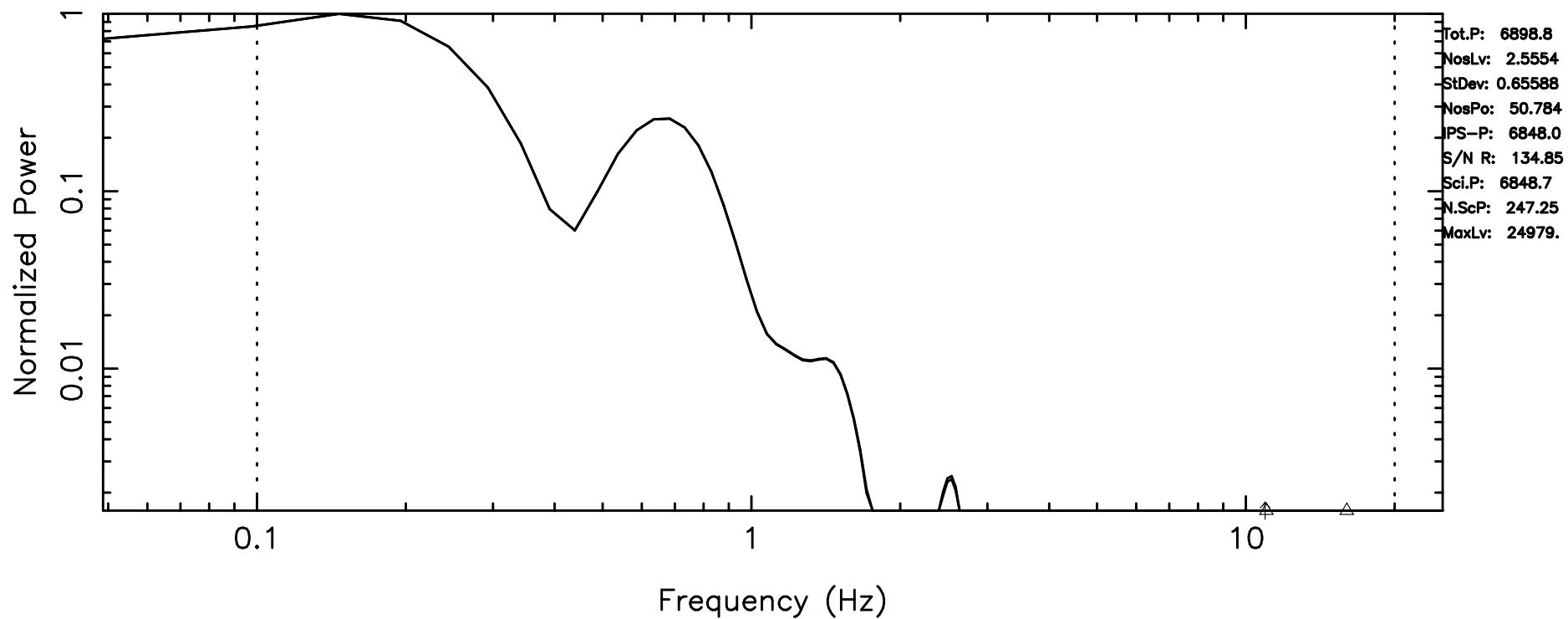
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



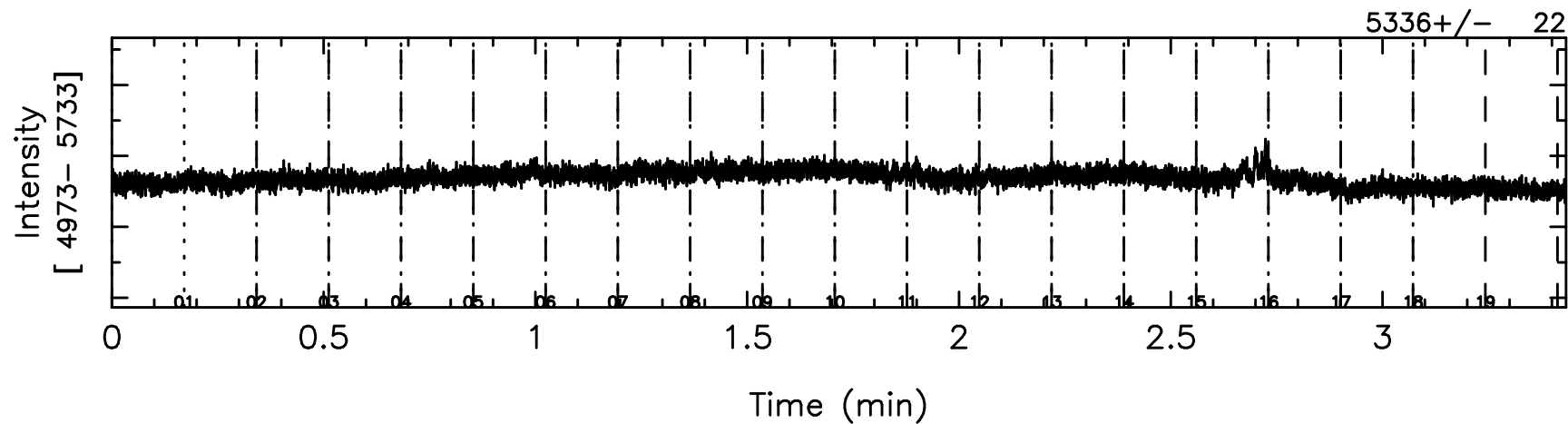
TOYOKAWA 0941-08 2024/07/05(187)14:38:46-14:42:12JST



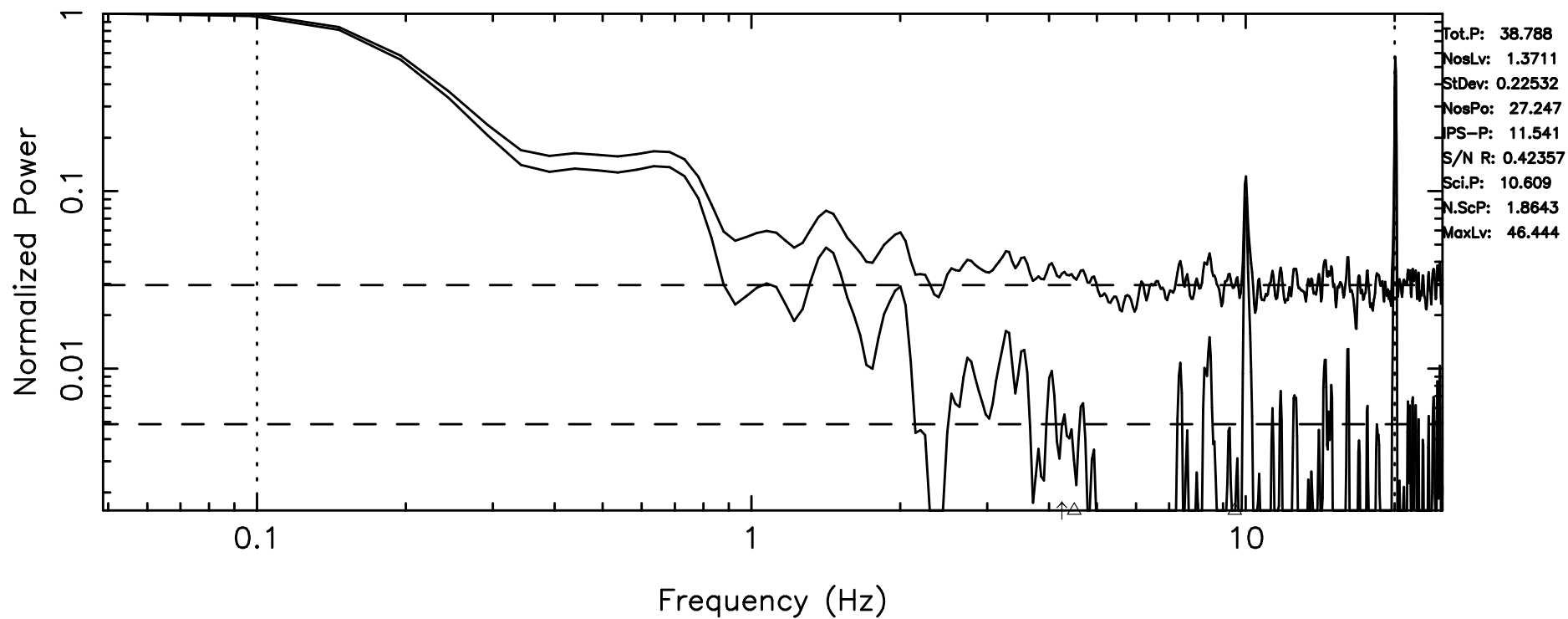
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



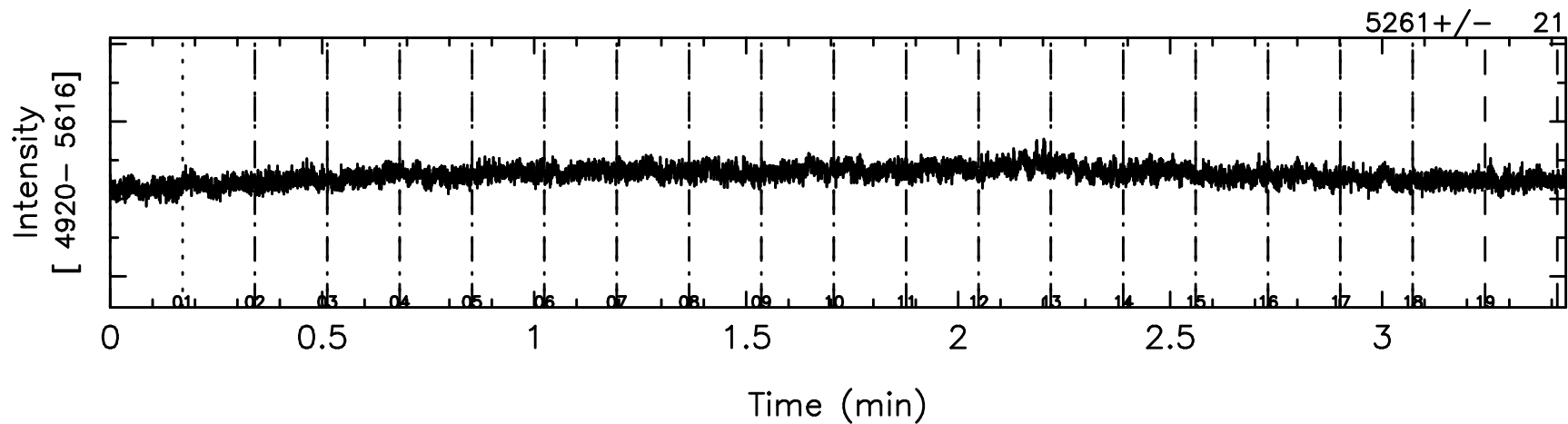
TOYOKAWA 3C230 2024/07/05(187)14:47:08-14:50:34JST



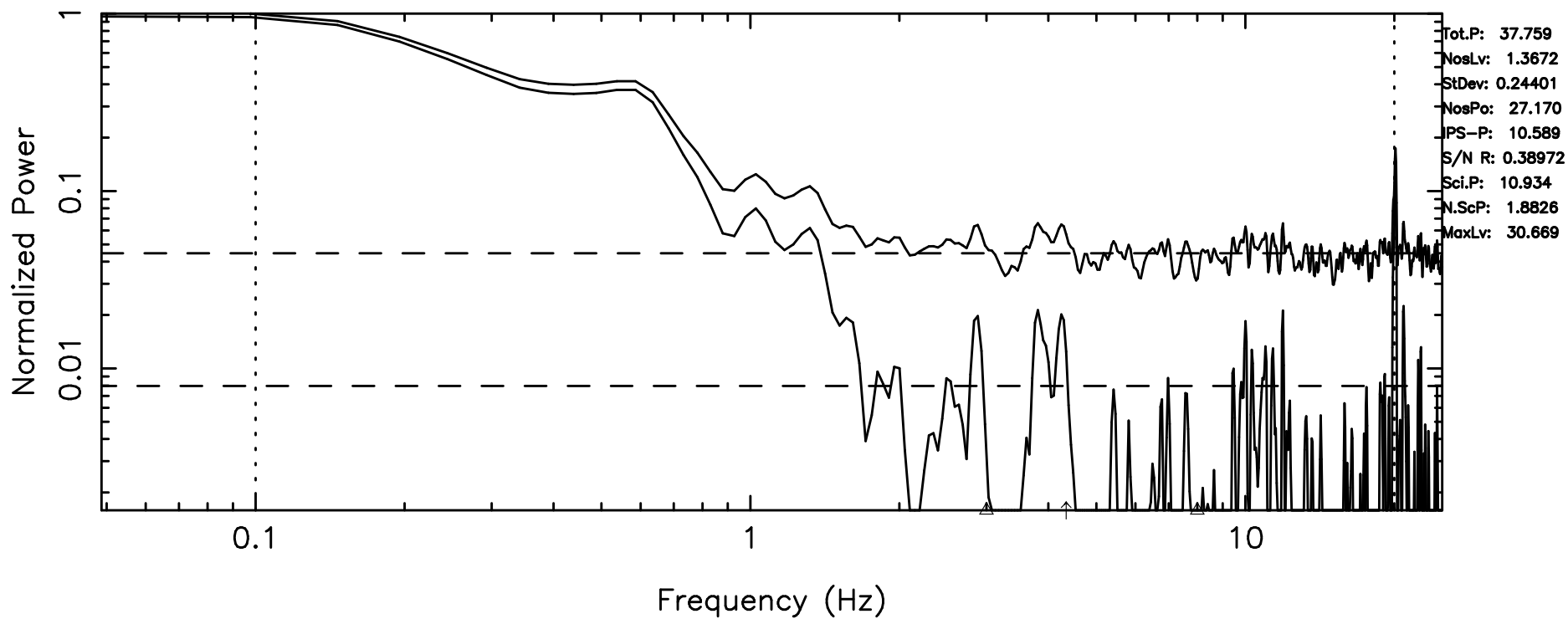
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



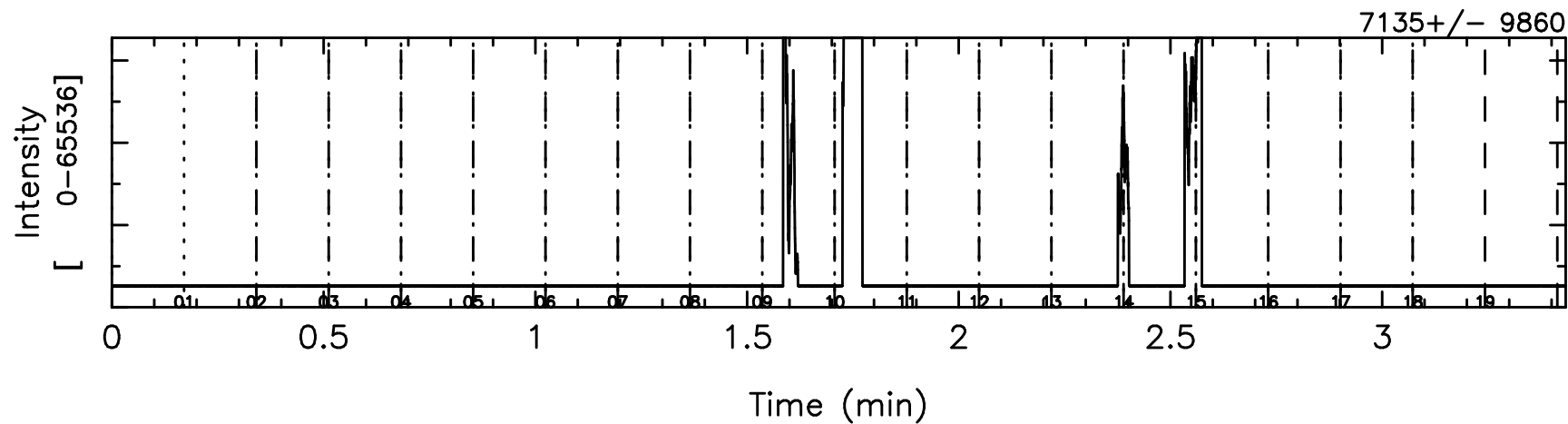
TOYOKAWA 3C237 2024/07/05(187)15:03:08-15:06:34JST



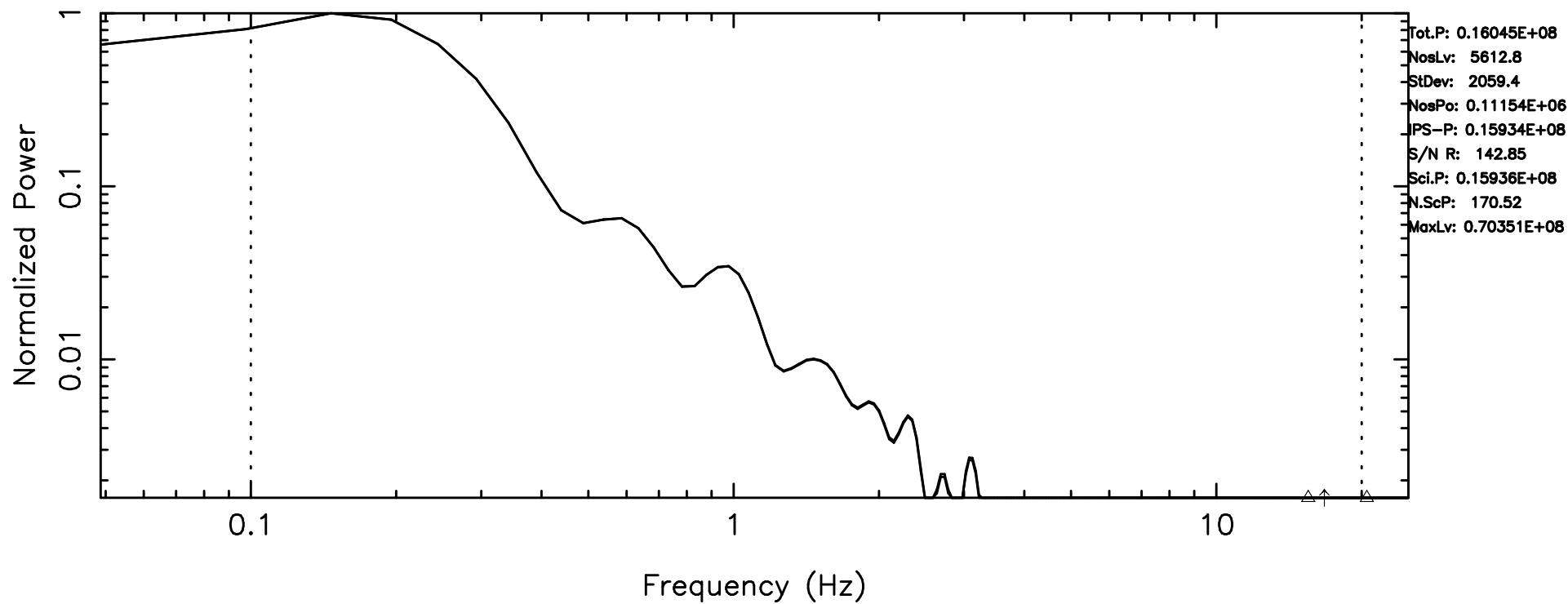
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



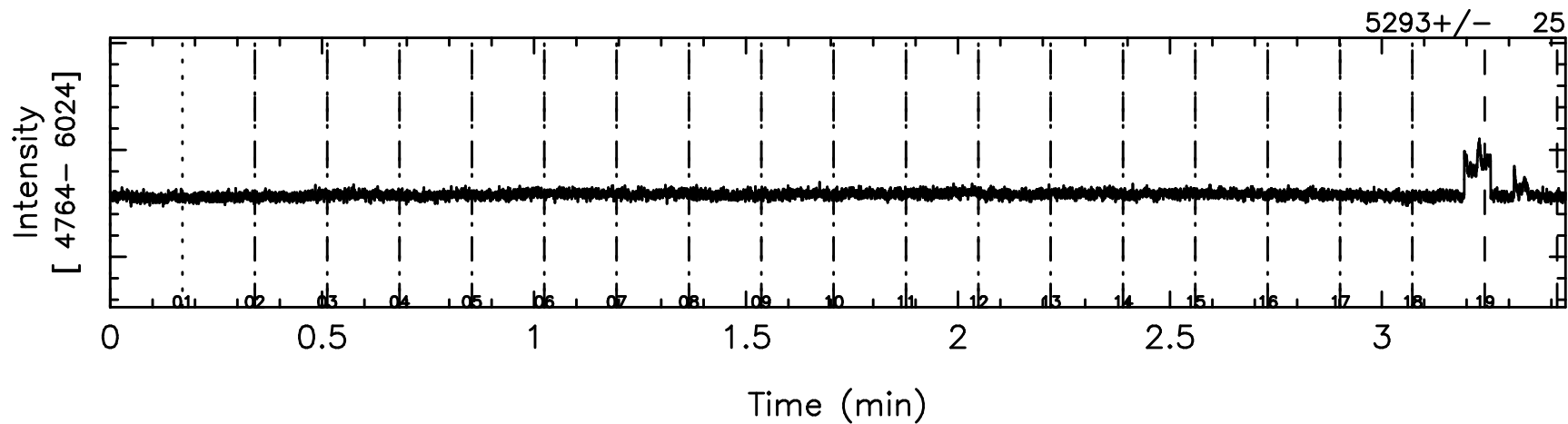
TOYOKAWA 1011+110 2024/07/05(187)15:09:25-15:12:51JST



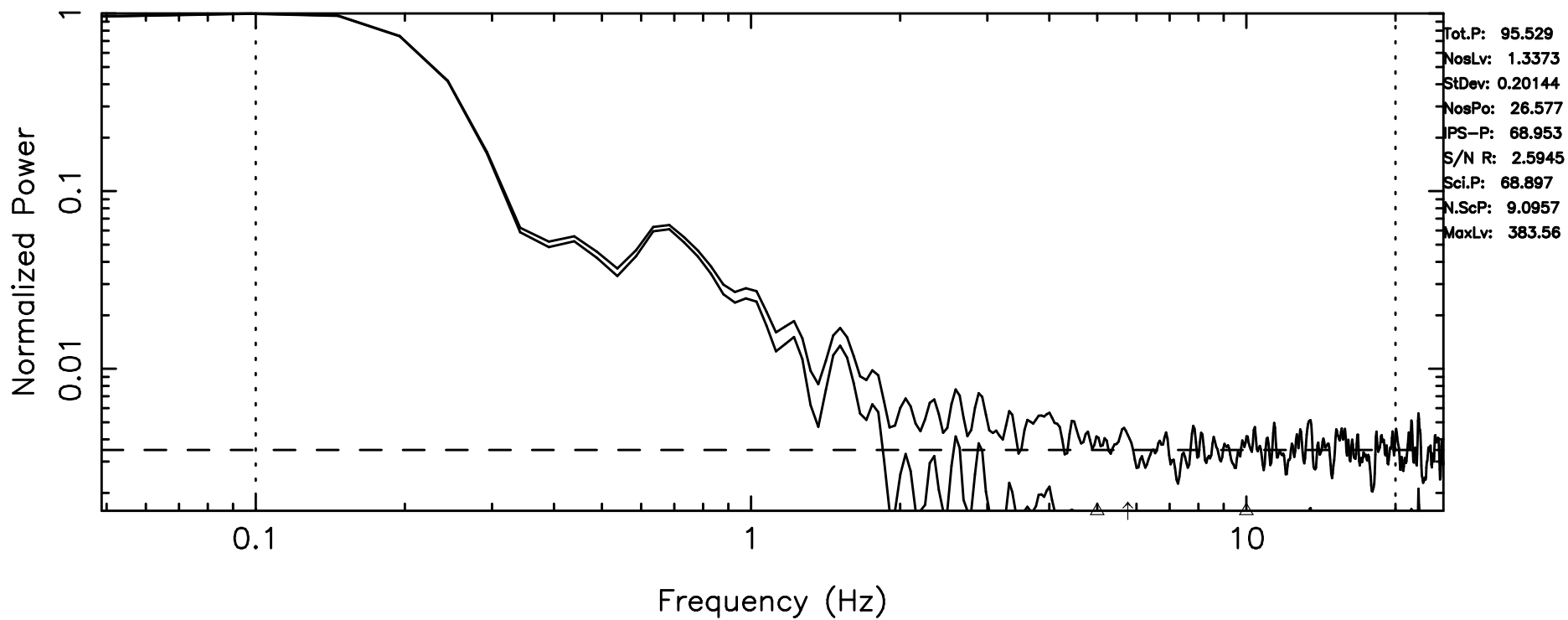
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



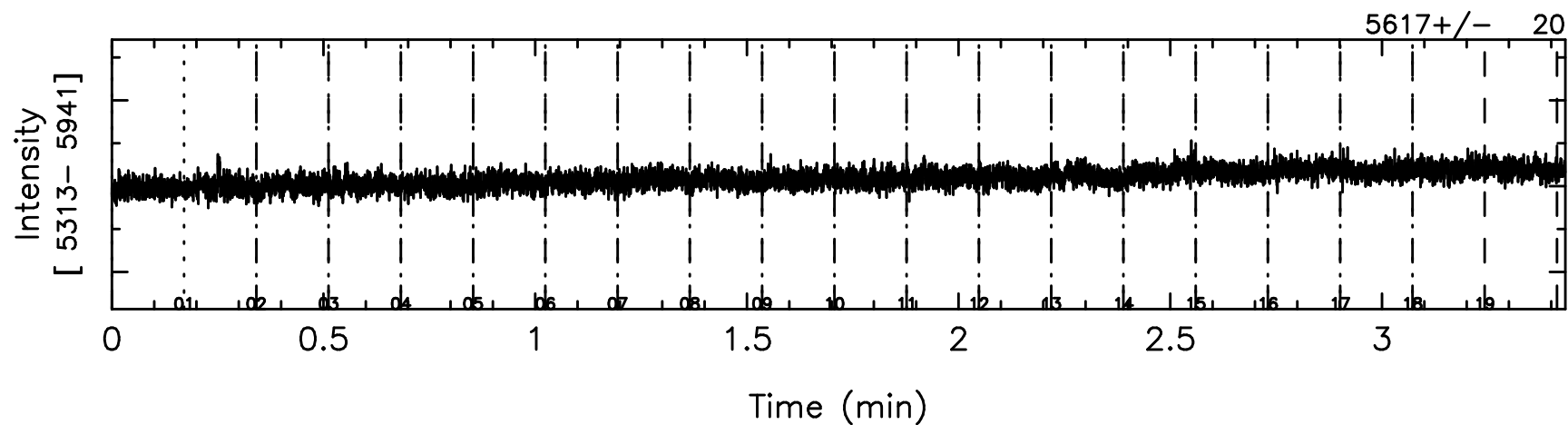
TOYOKAWA 3C241 2024/07/05(187)15:17:06-15:20:32JST



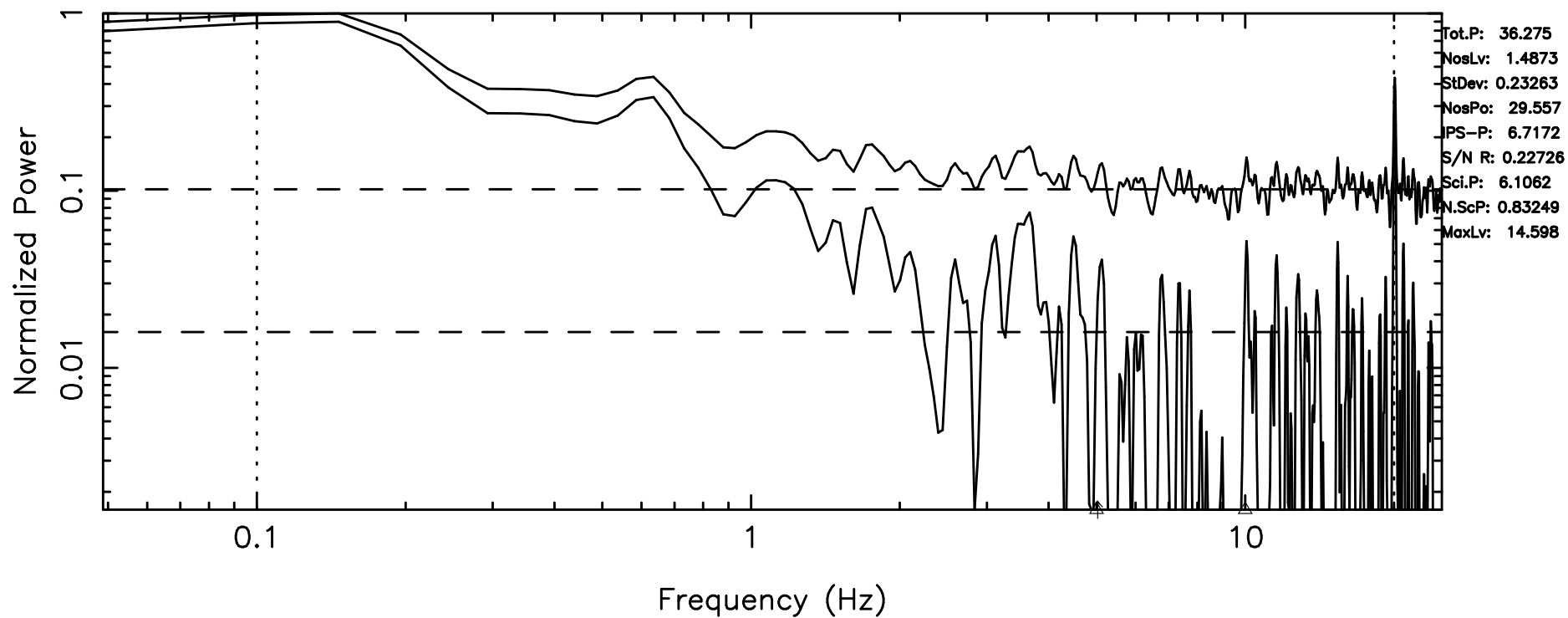
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



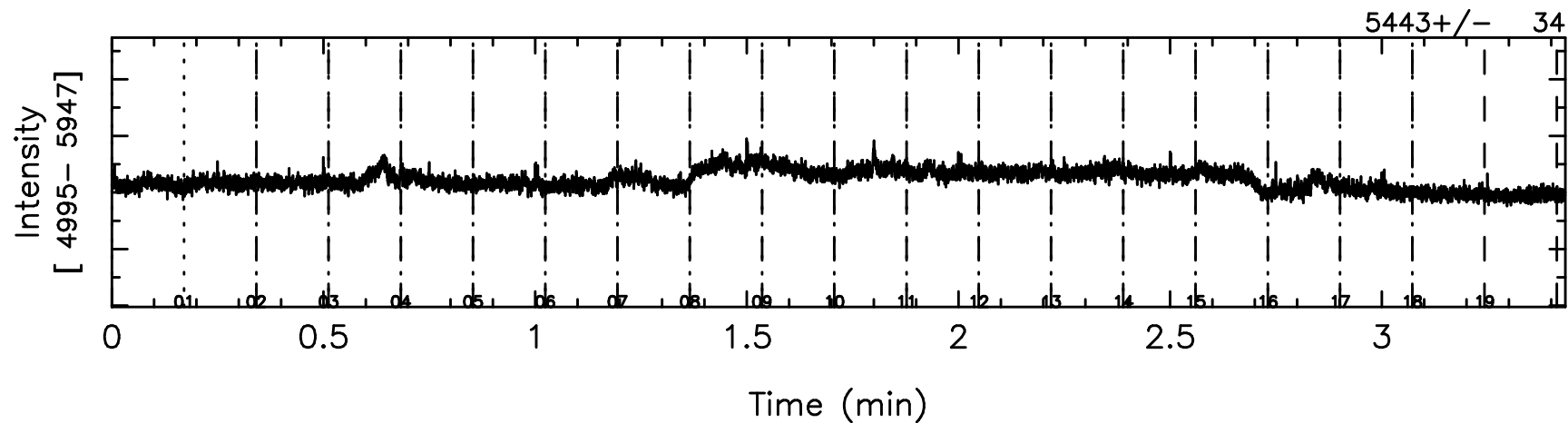
TOYOKAWA 1031-11 2024/07/05(187)15:28:35-15:32:01JST



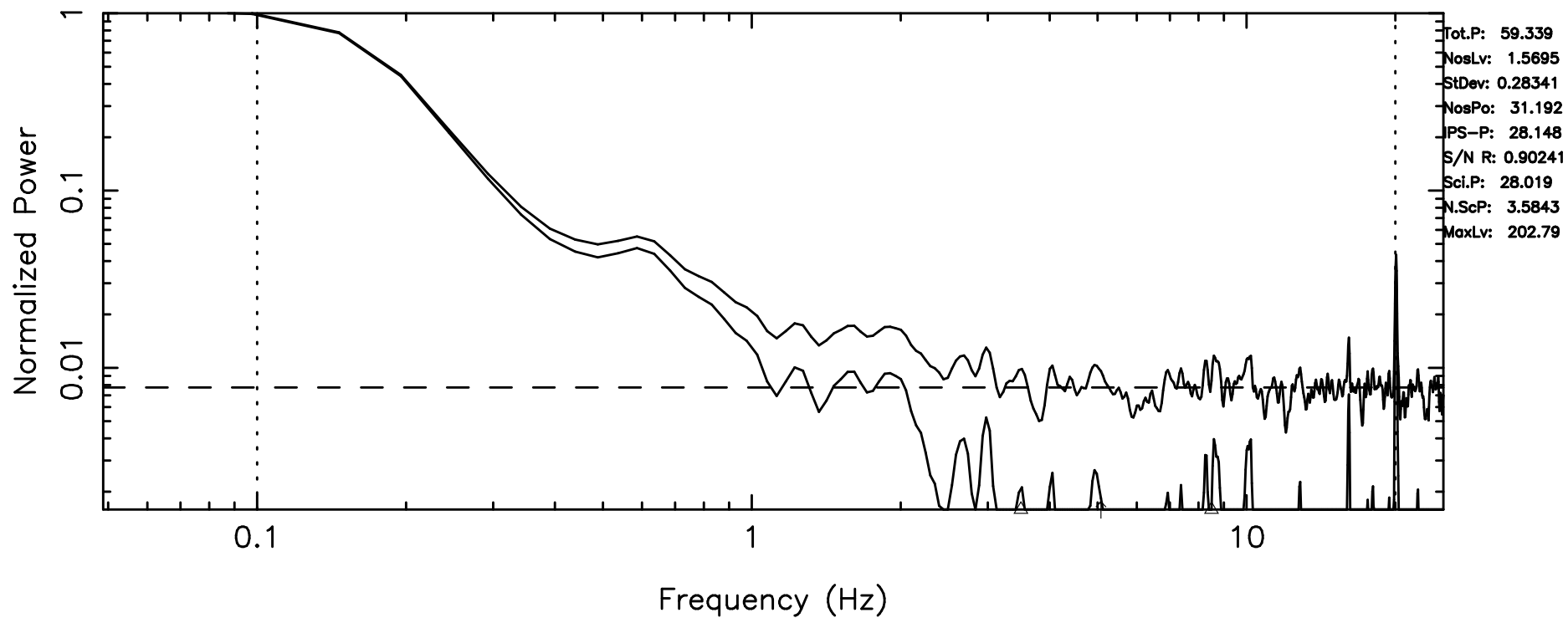
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



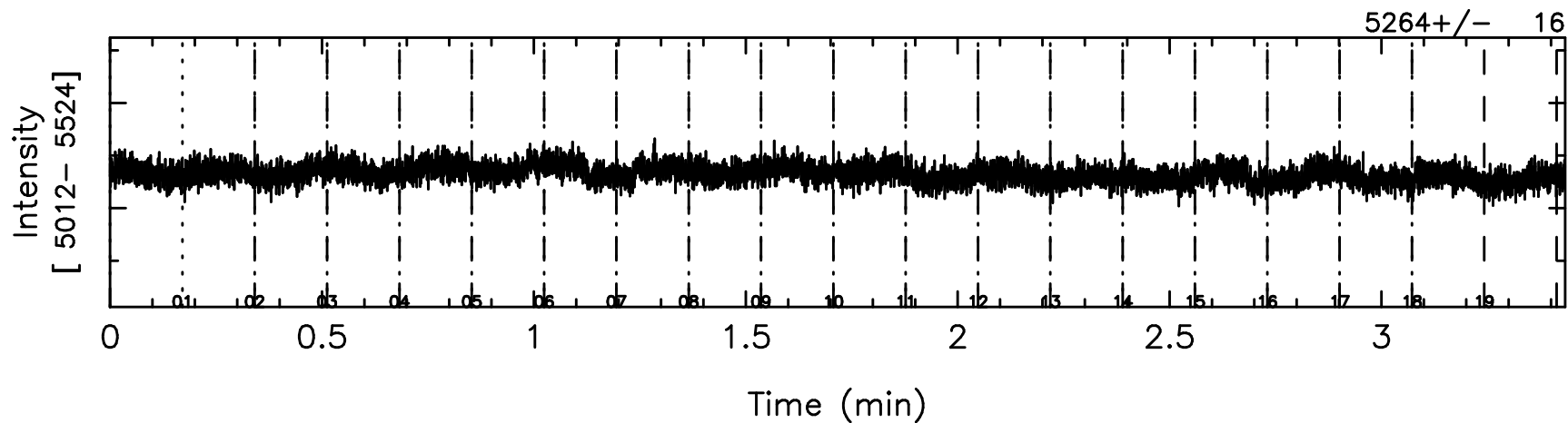
TOYOKAWA 1035-058 2024/07/05(187)15:33:08-15:36:34JST



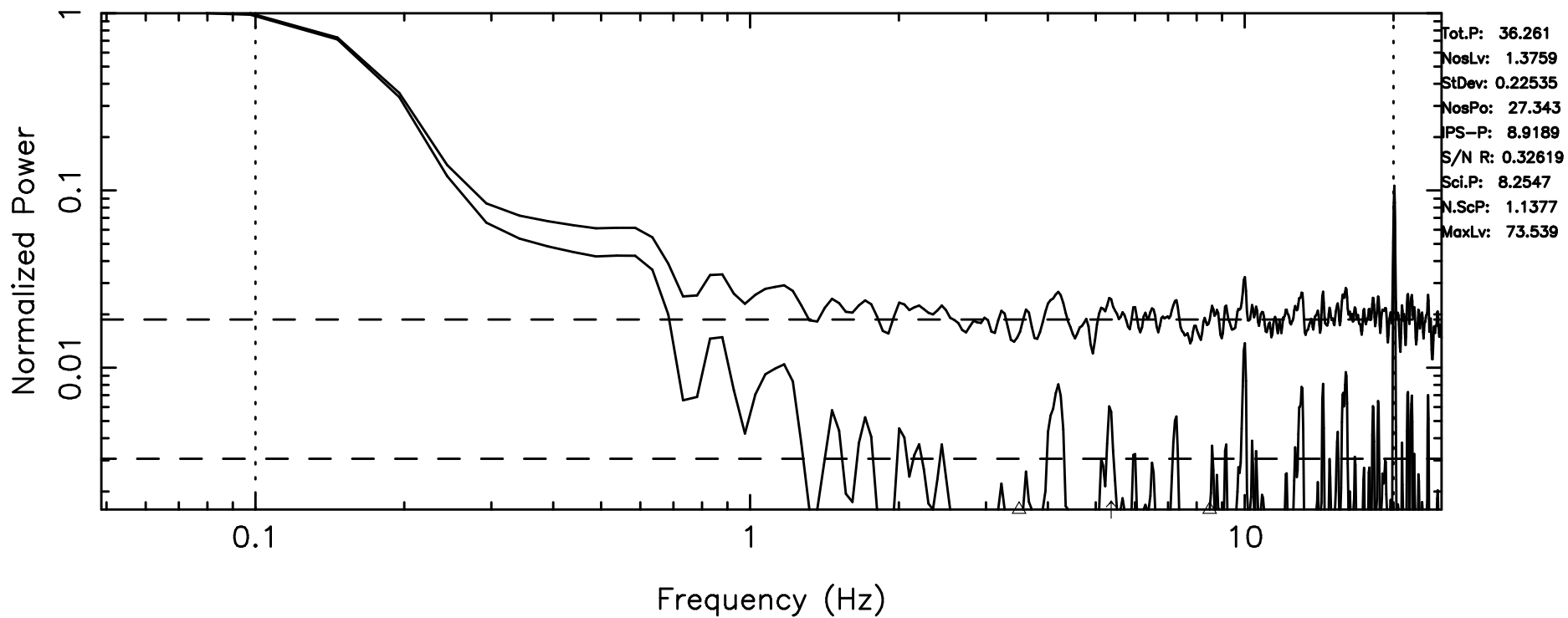
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



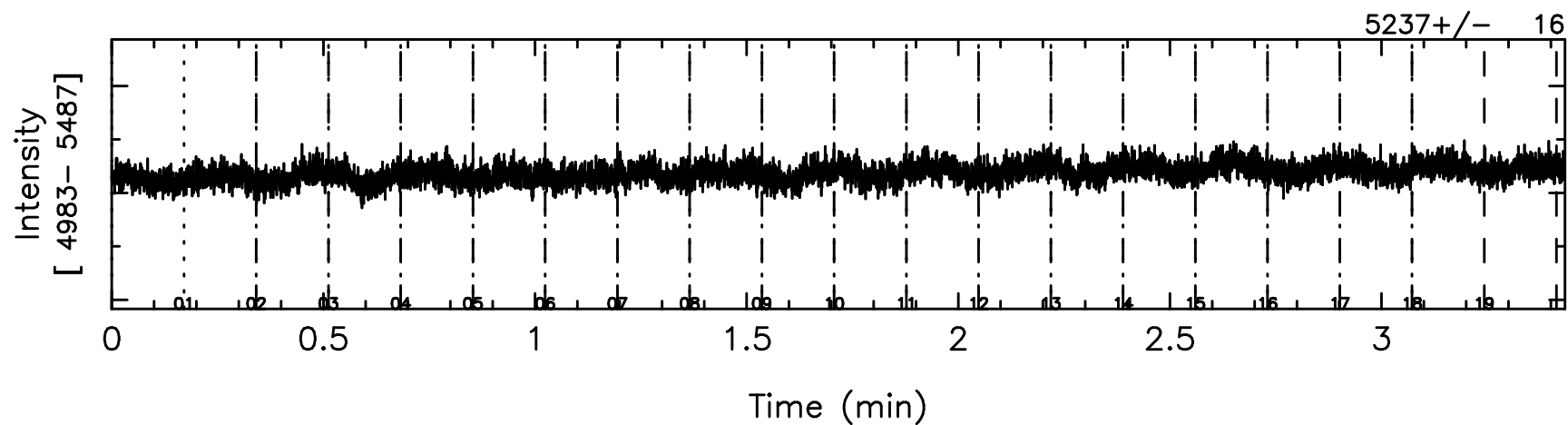
TOYOKAWA 1044-008 2024/07/05(187)15:42:21-15:45:47JST



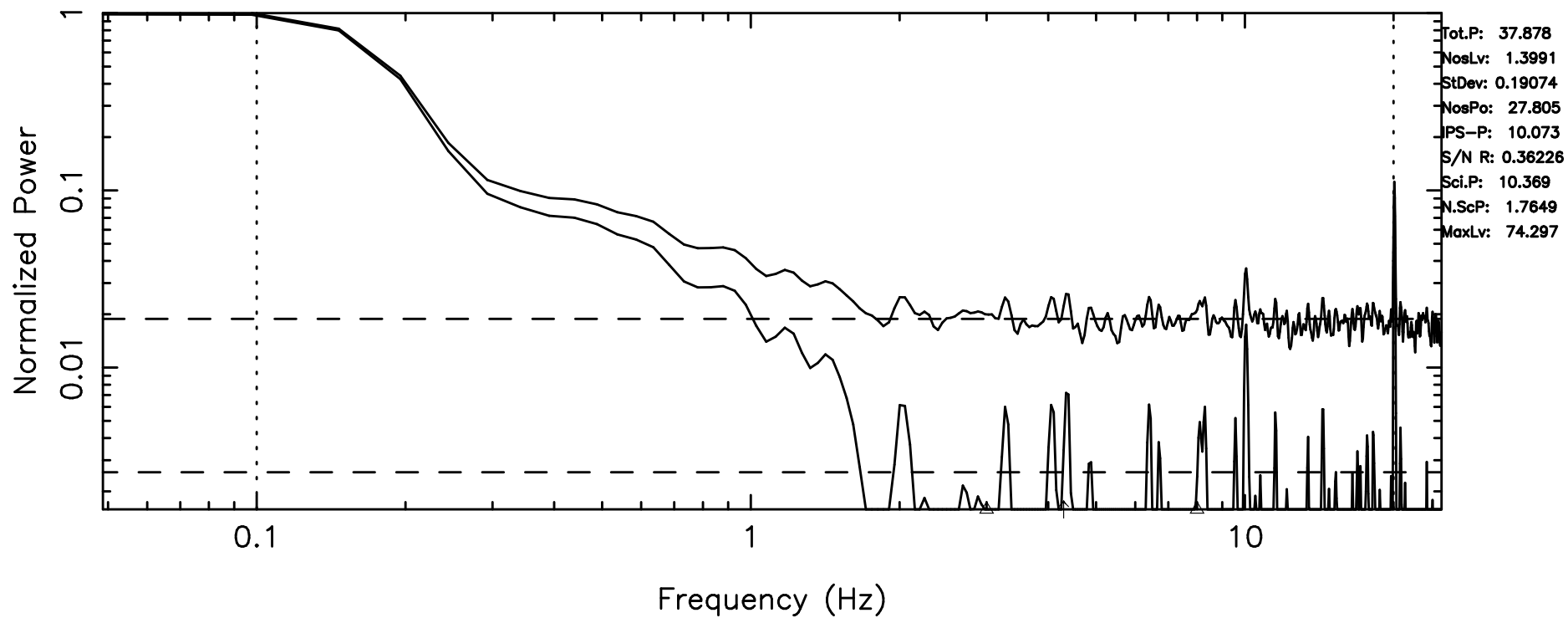
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



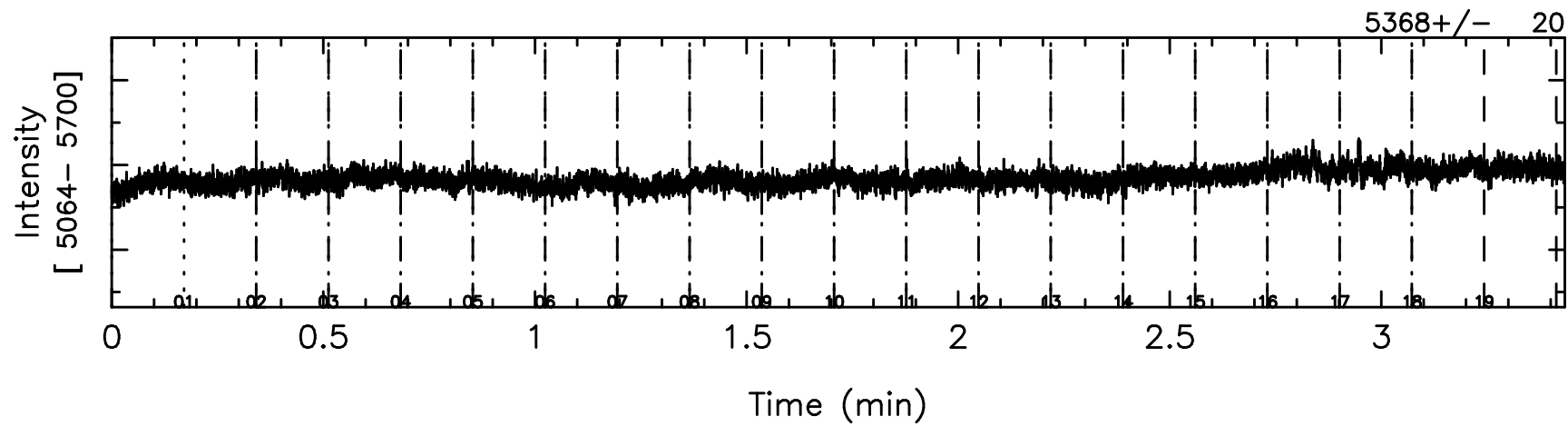
TOYOKAWA 1055+01 2024/07/05(187)15:53:26-15:56:52JST



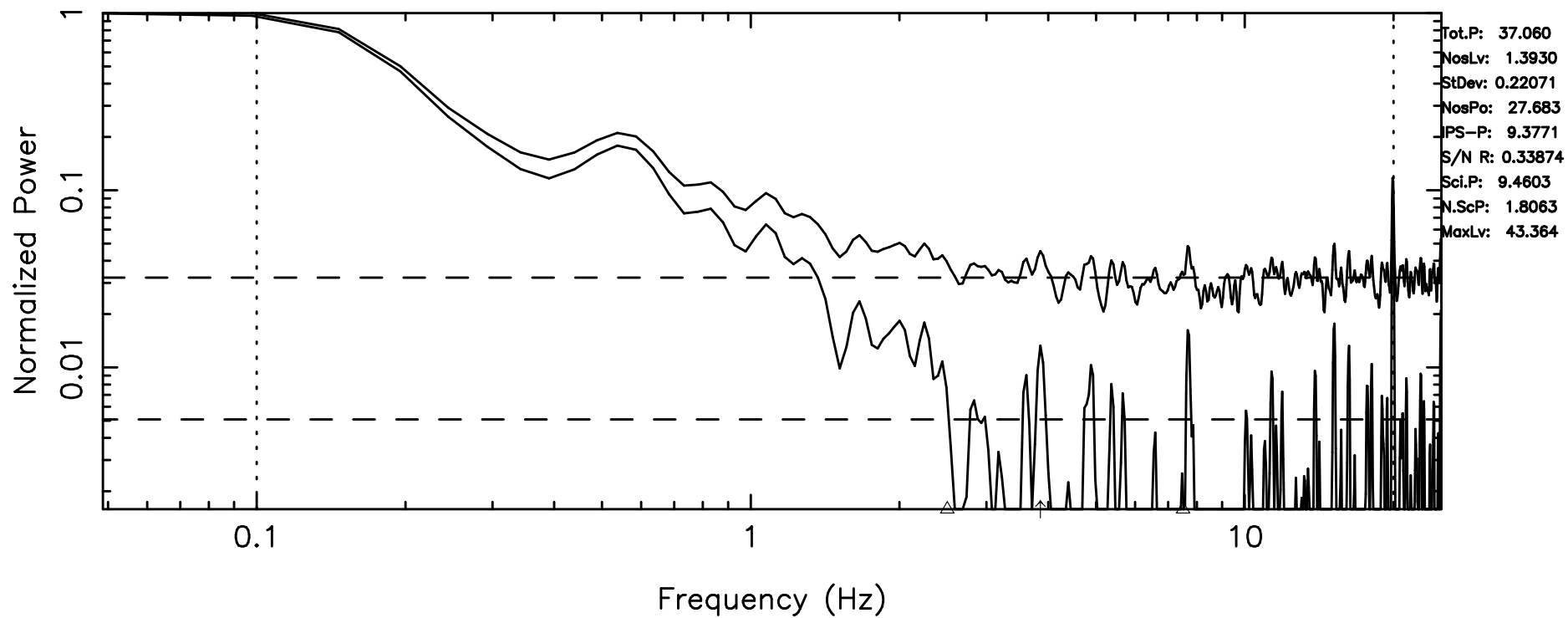
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



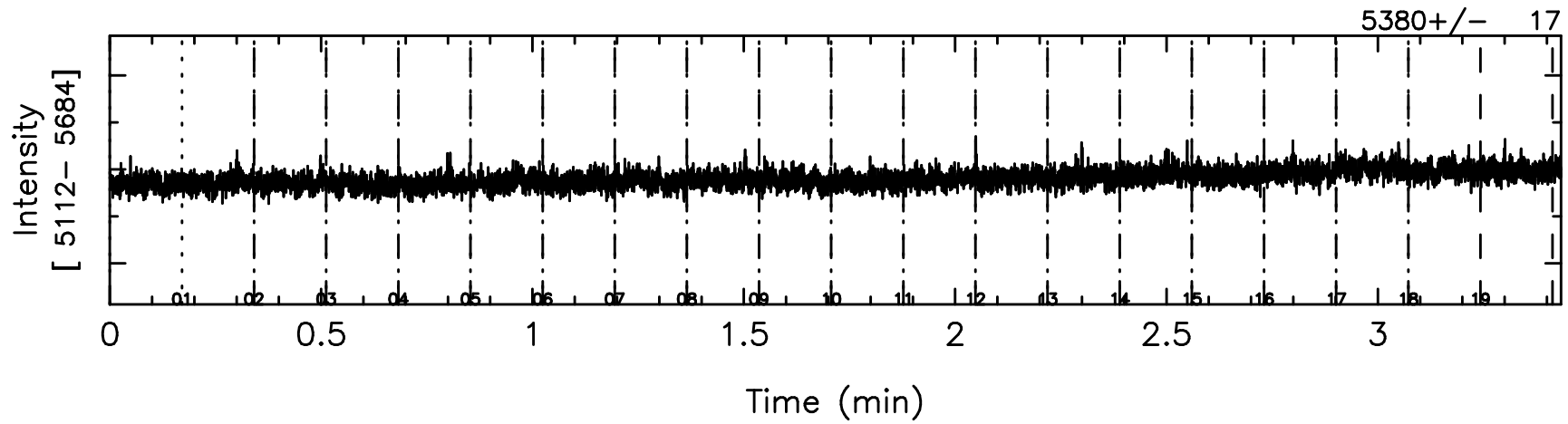
TOYOKAWA 1107+109 2024/07/05(187)16:04:43-16:08:09JST



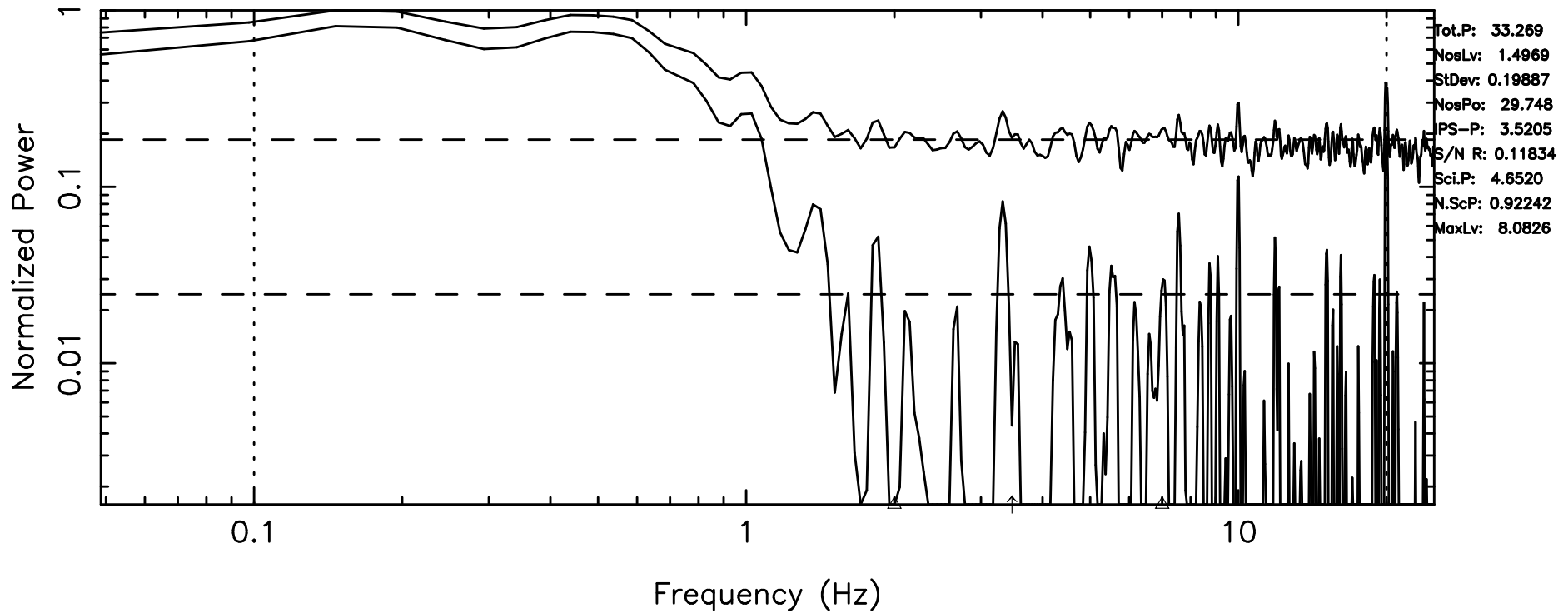
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



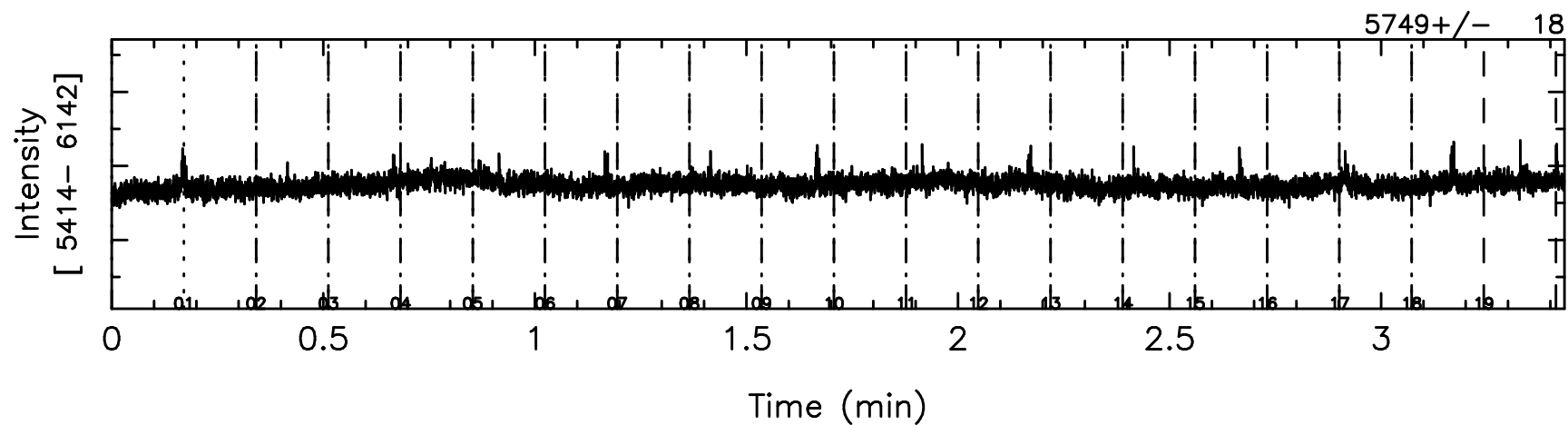
TOYOKAWA 3C255 2024/07/05(187)16:14:20-16:17:46JST



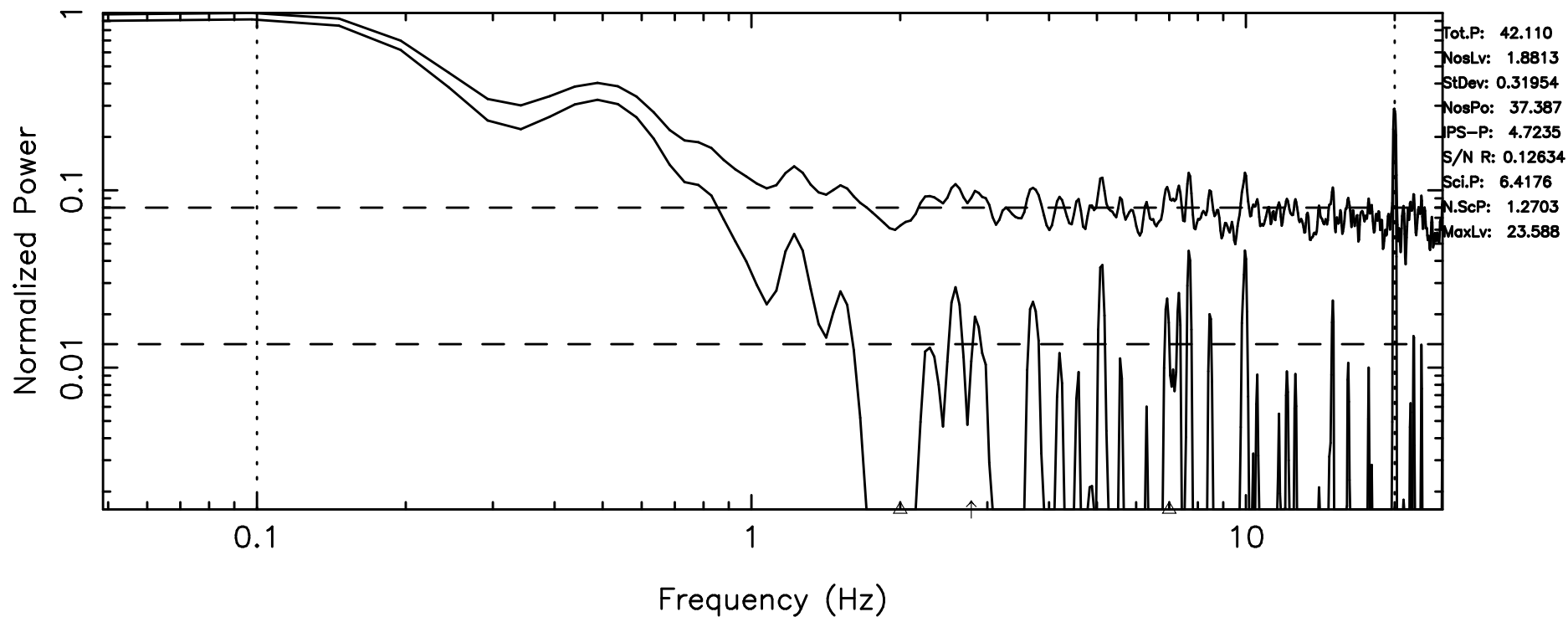
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



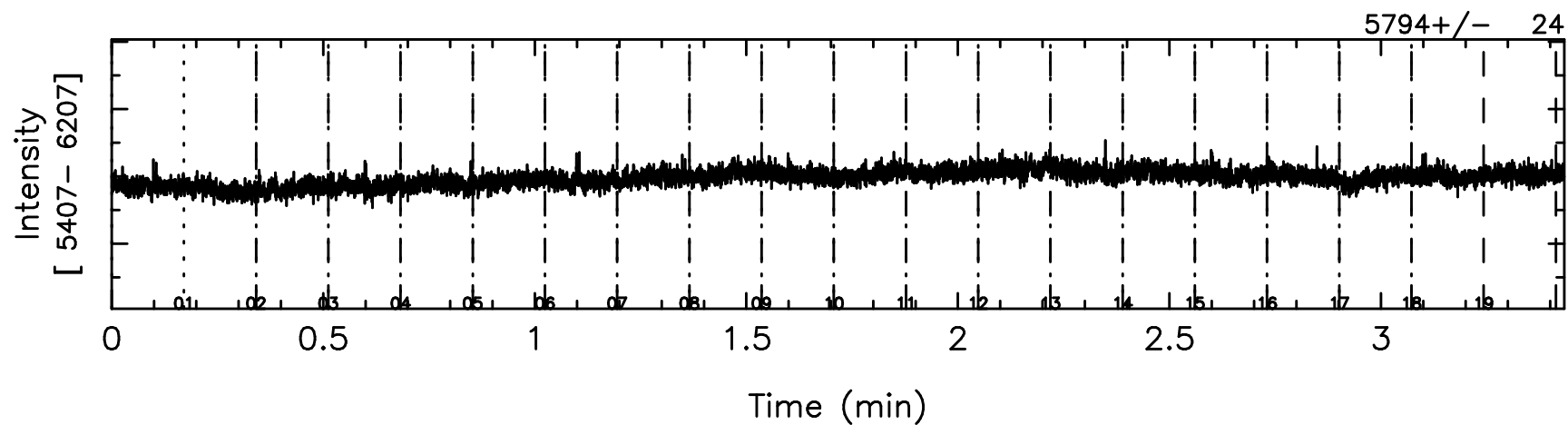
TOYOKAWA 1127-14 2024/07/05(187)16:24:58-16:28:24JST



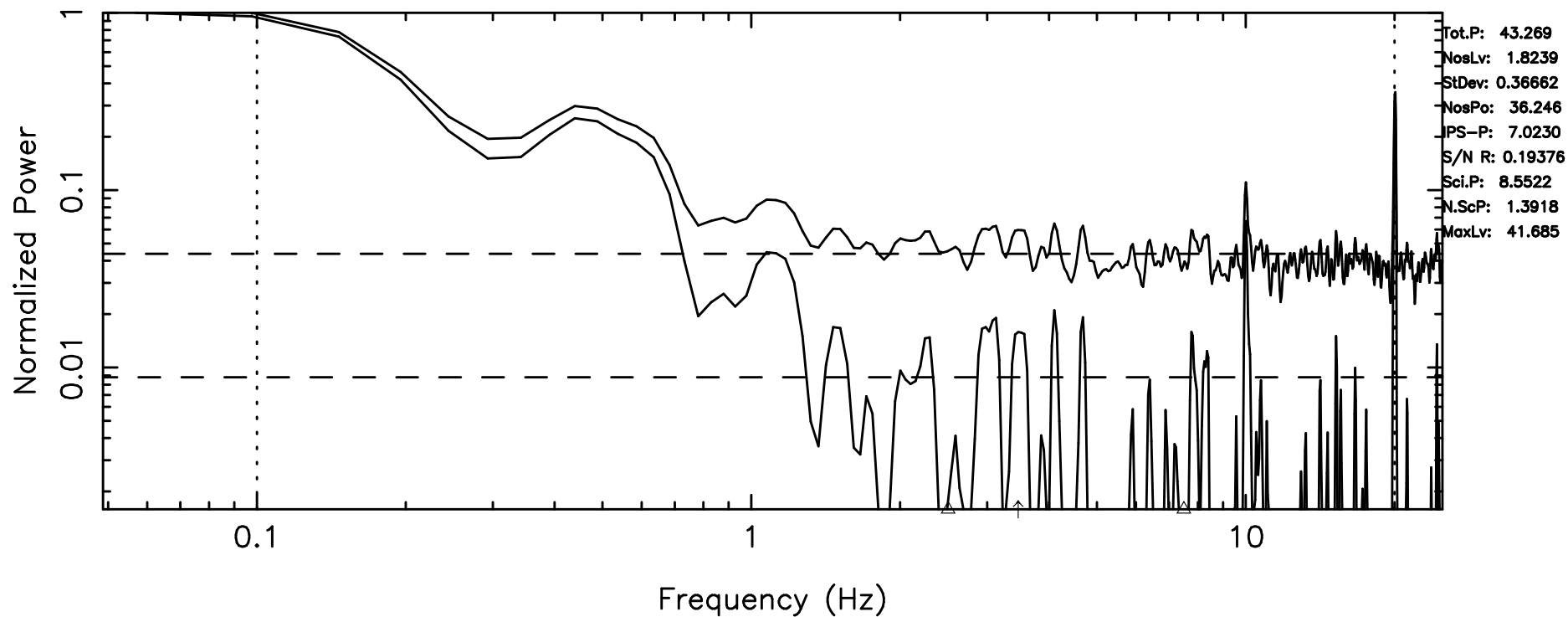
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



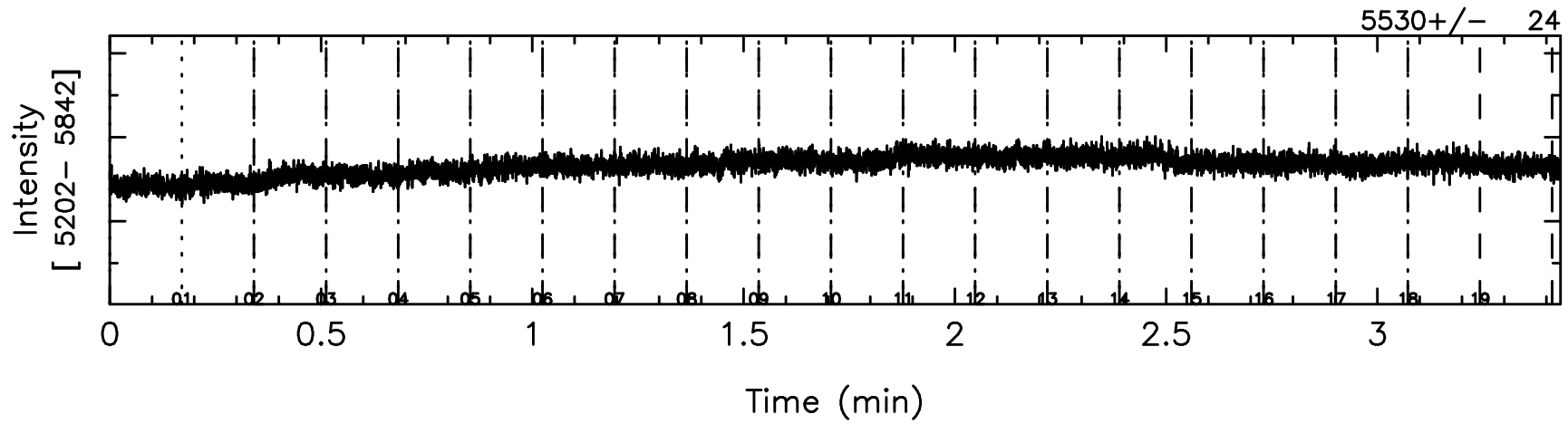
TOYOKAWA 1136-13 2024/07/05(187)16:34:02-16:37:28JST



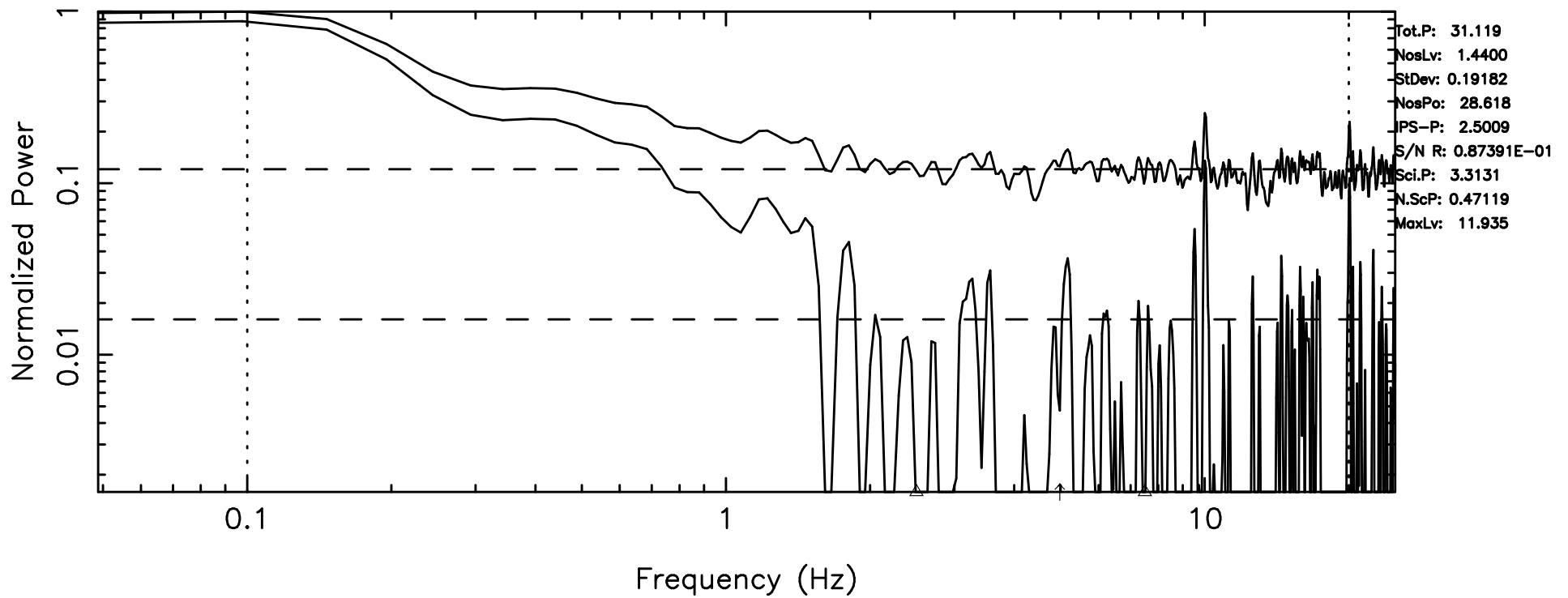
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



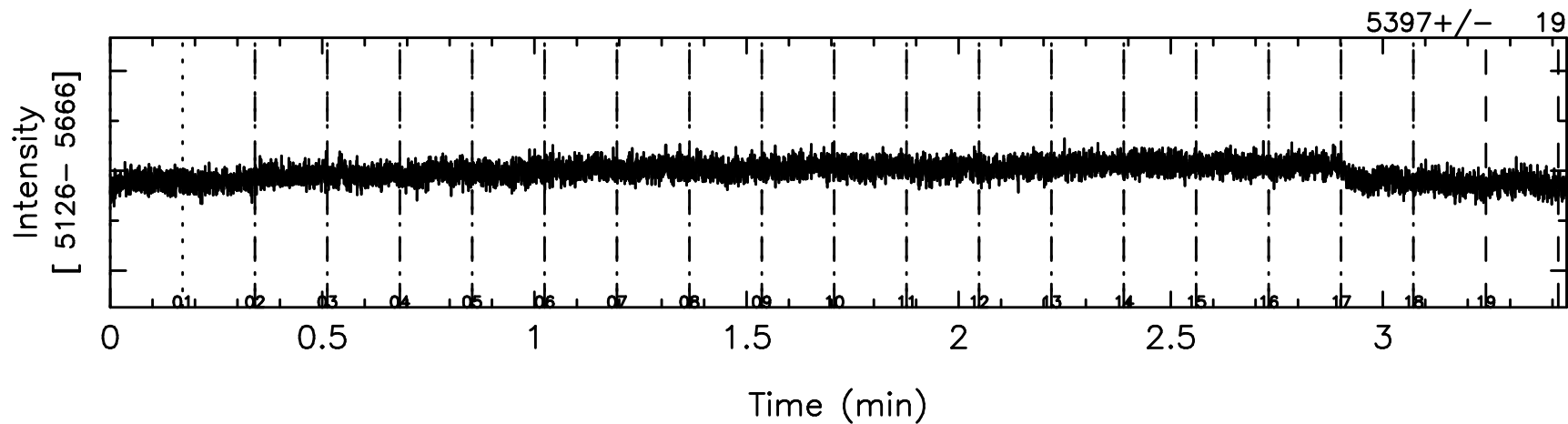
TOYOKAWA 3C263.1 2024/07/05(187)16:38:18-16:41:44JST



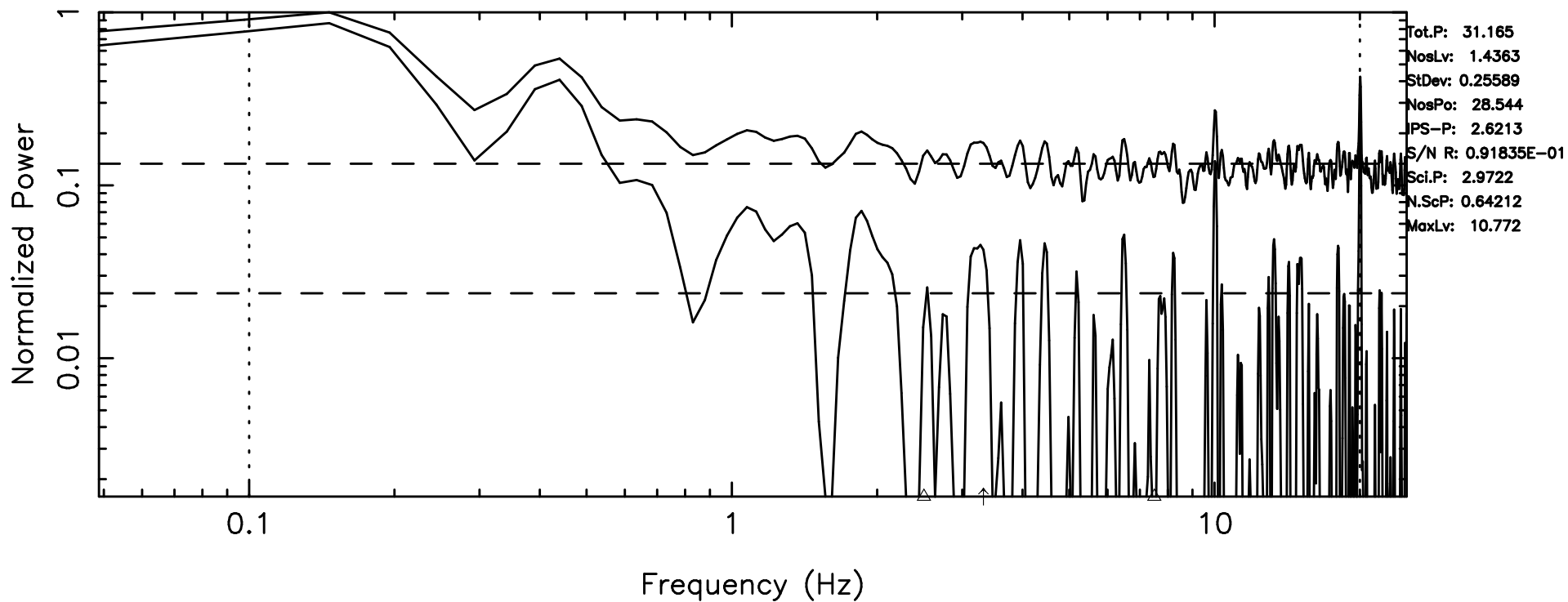
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



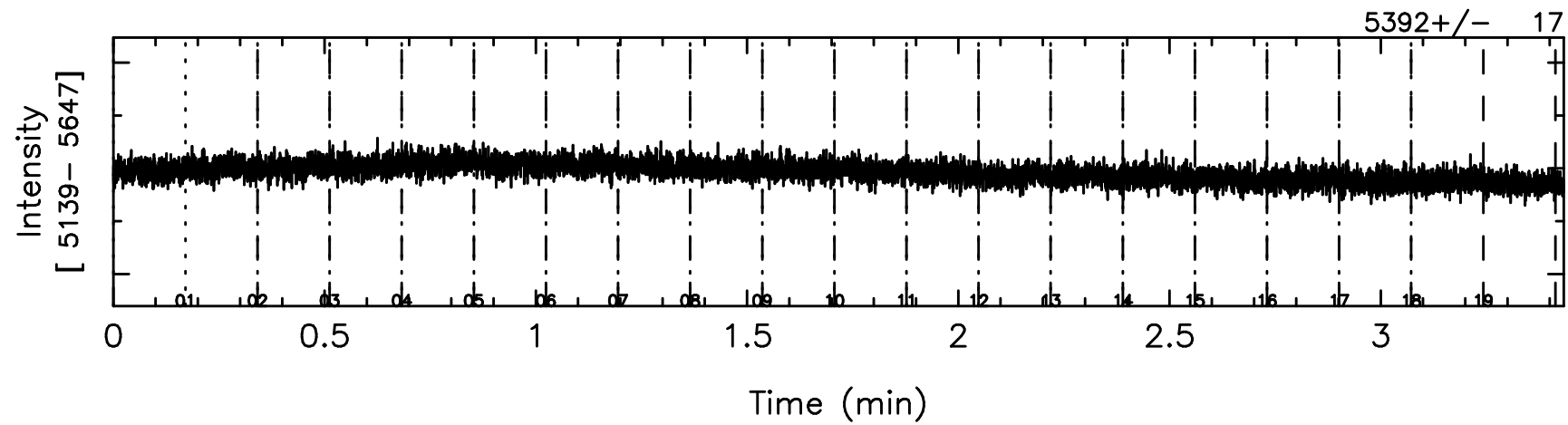
TOYOKAWA 3C267 2024/07/05(187)16:44:45-16:48:11JST



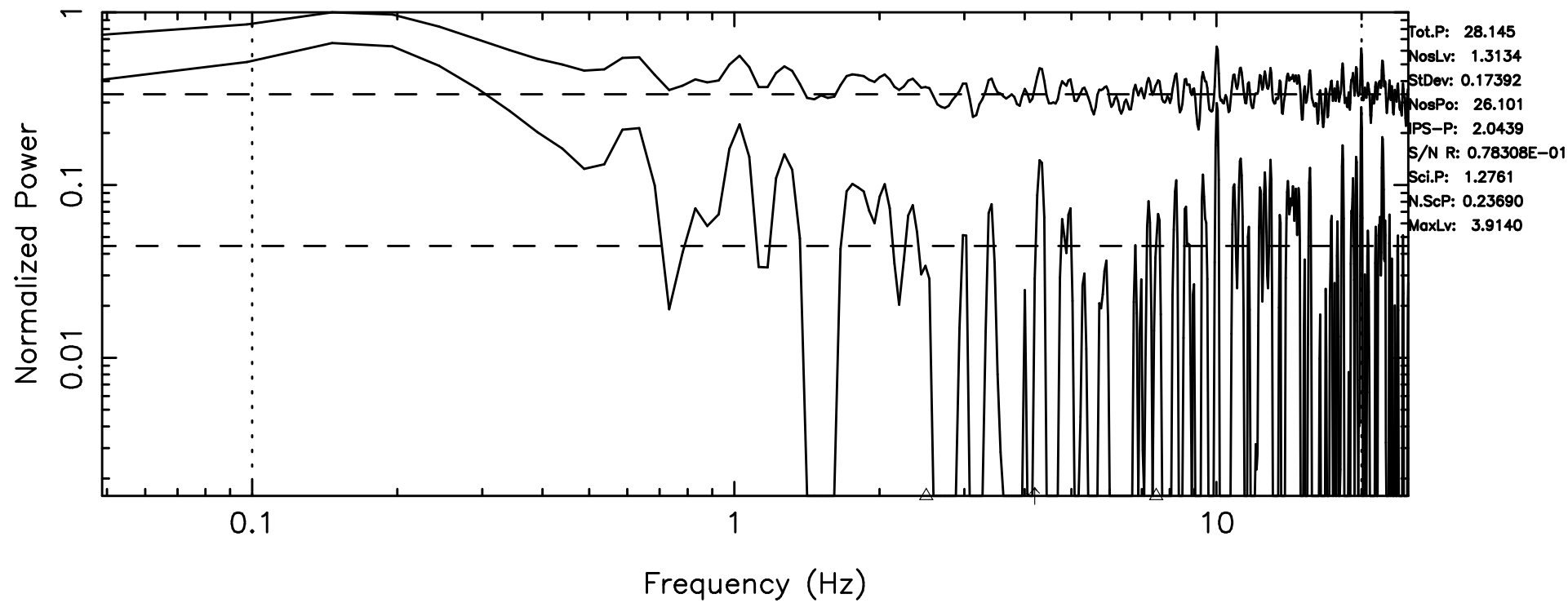
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



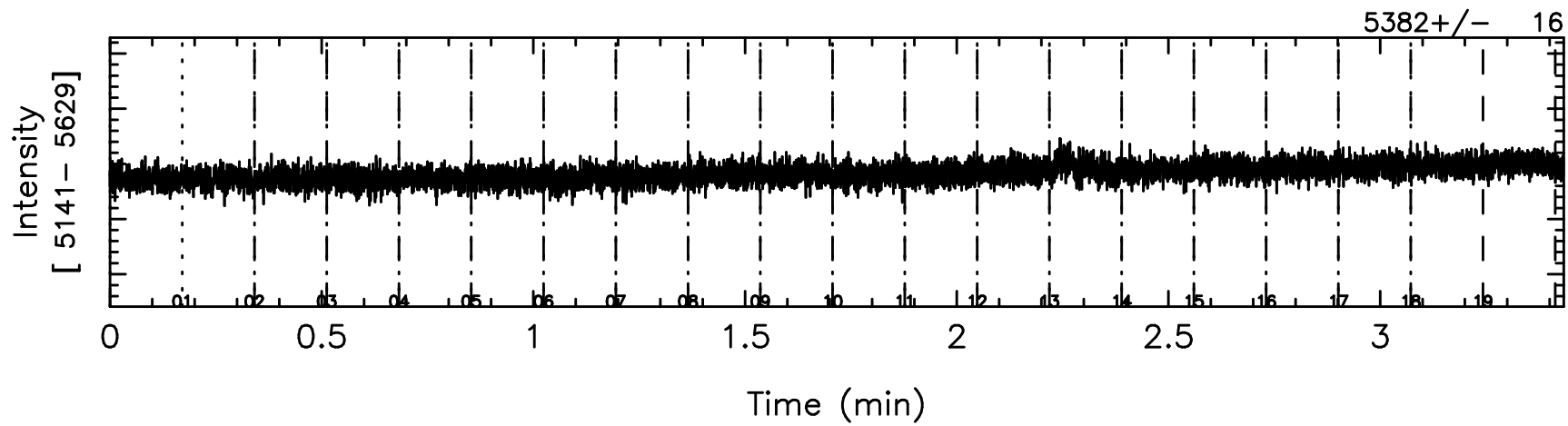
TOYOKAWA 1154+552 2024/07/05(187)16:52:10-16:55:36JST



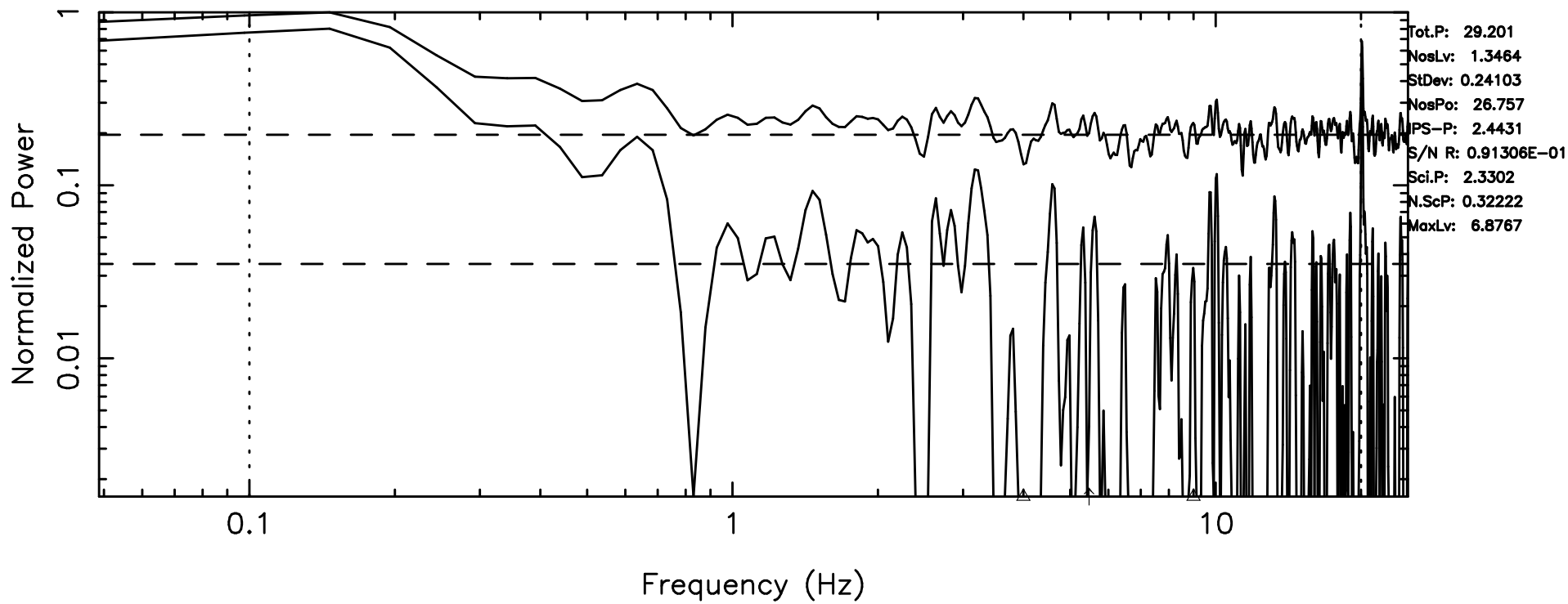
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



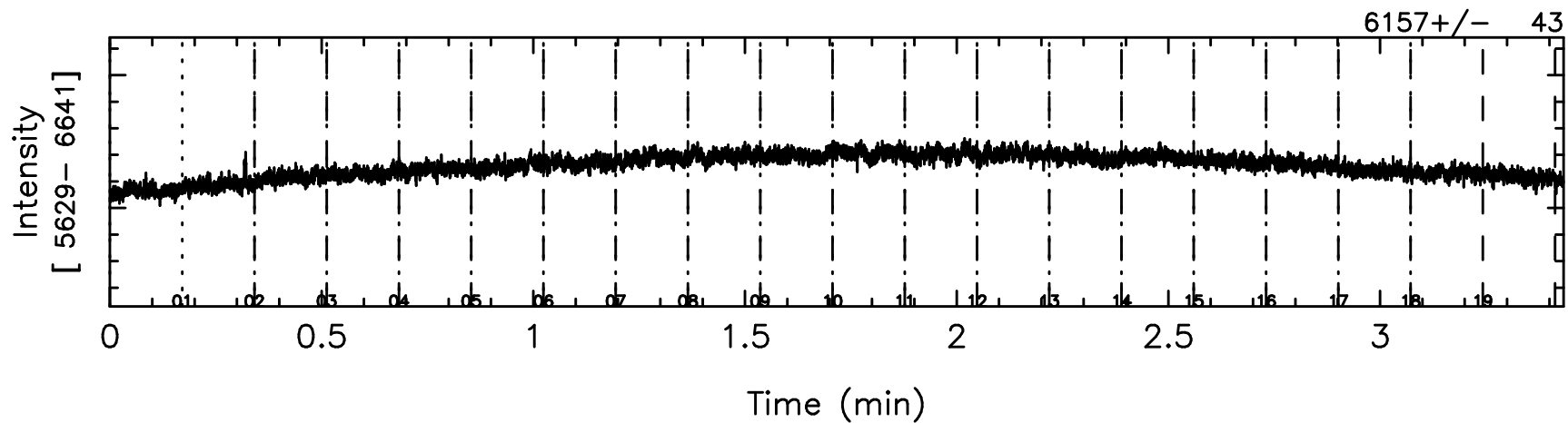
TOYOKAWA 1206+439 2024/07/05(187)17:04:00-17:07:26JST



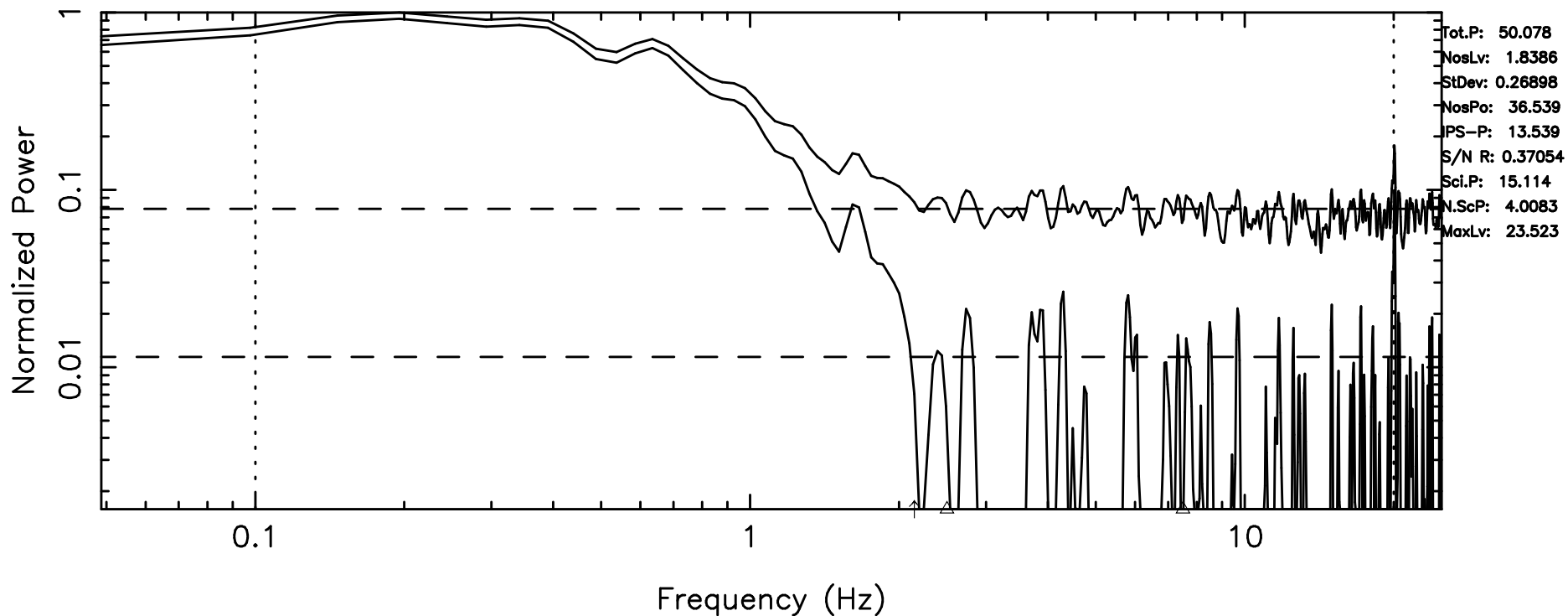
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



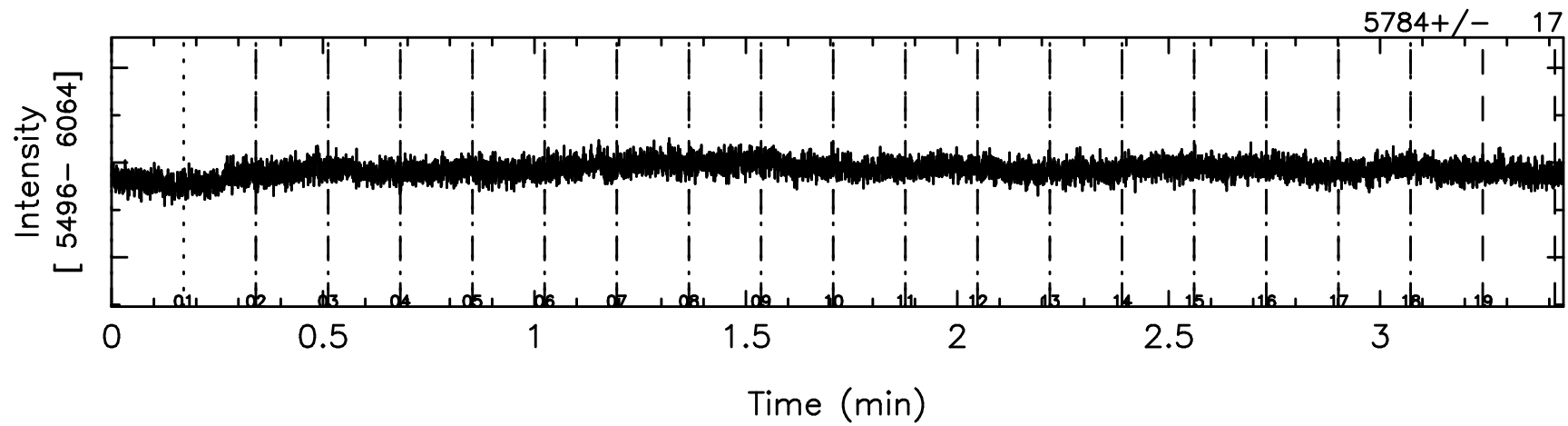
TOYOKAWA 3C273 2024/07/05(187)17:23:51-17:27:17JST



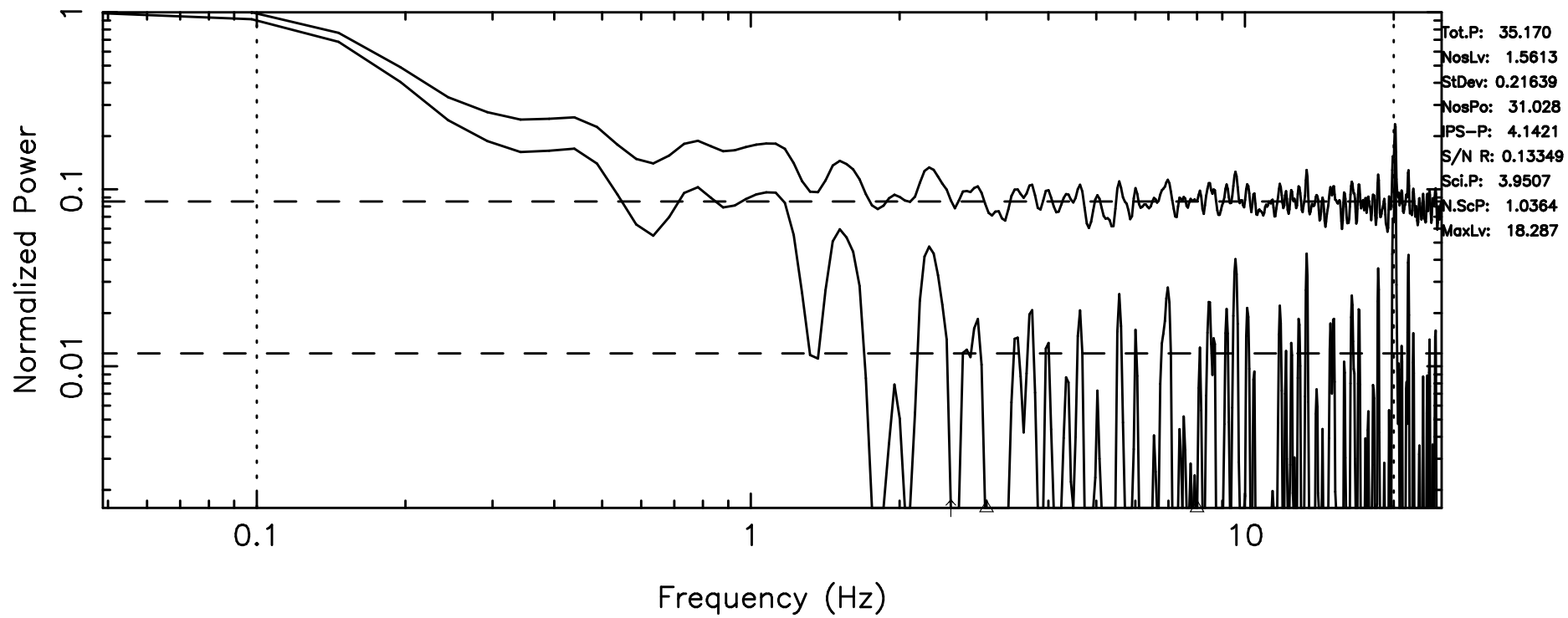
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



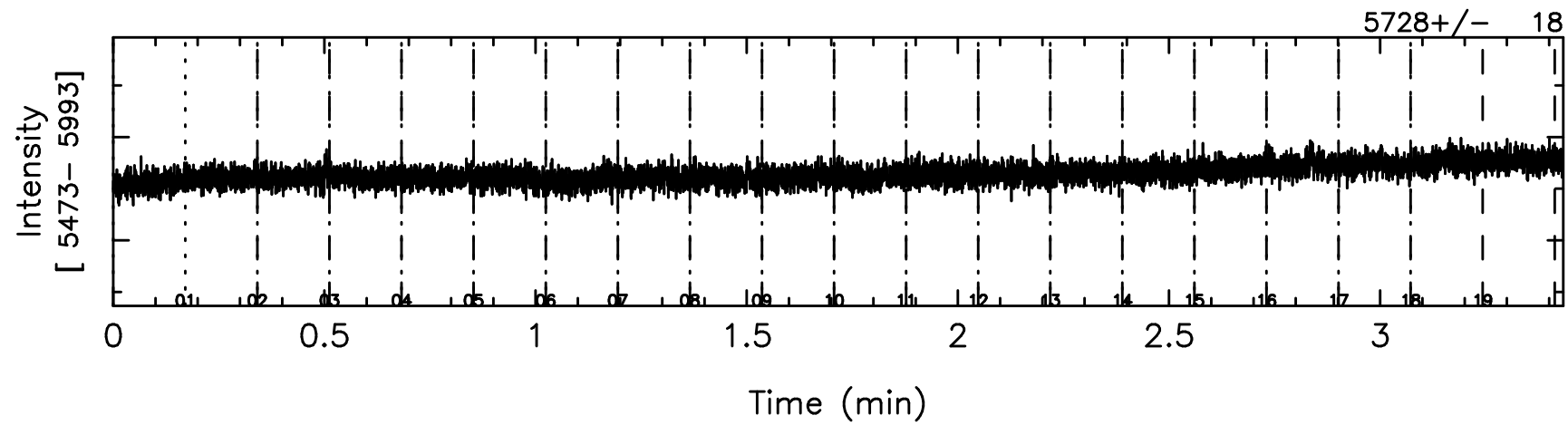
TOYOKAWA 1236+055 2024/07/05(187)17:33:51-17:37:17JST



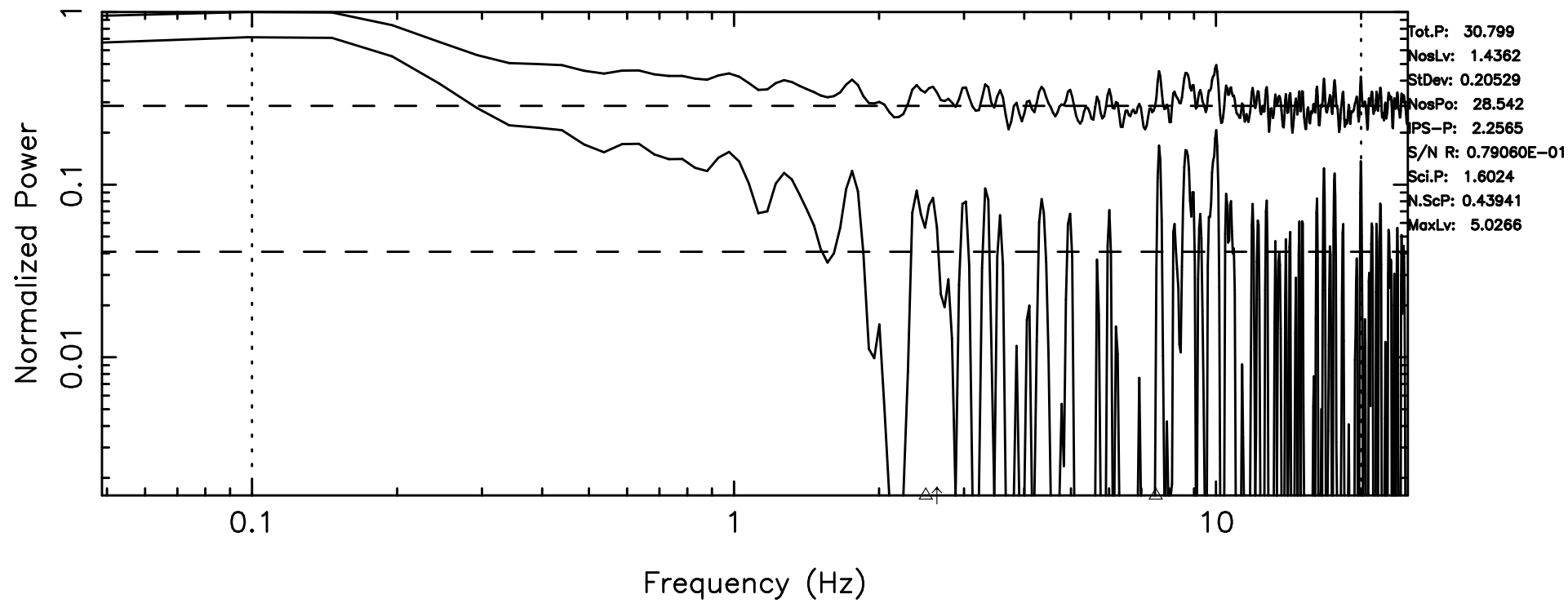
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



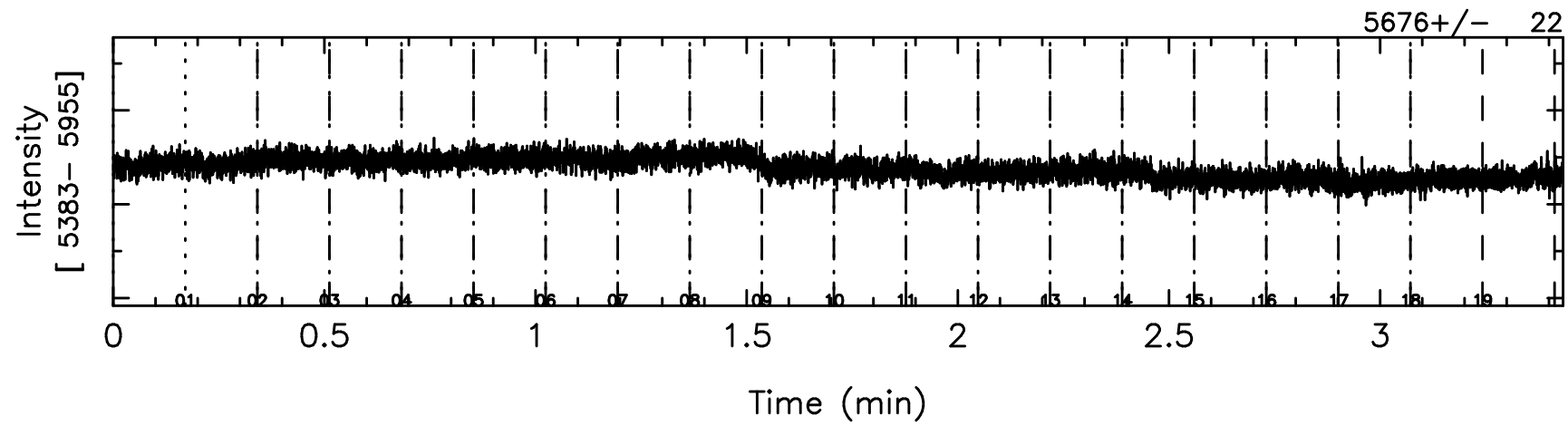
TOYOKAWA 1256+215 2024/07/05(187)17:53:10-17:56:36JST



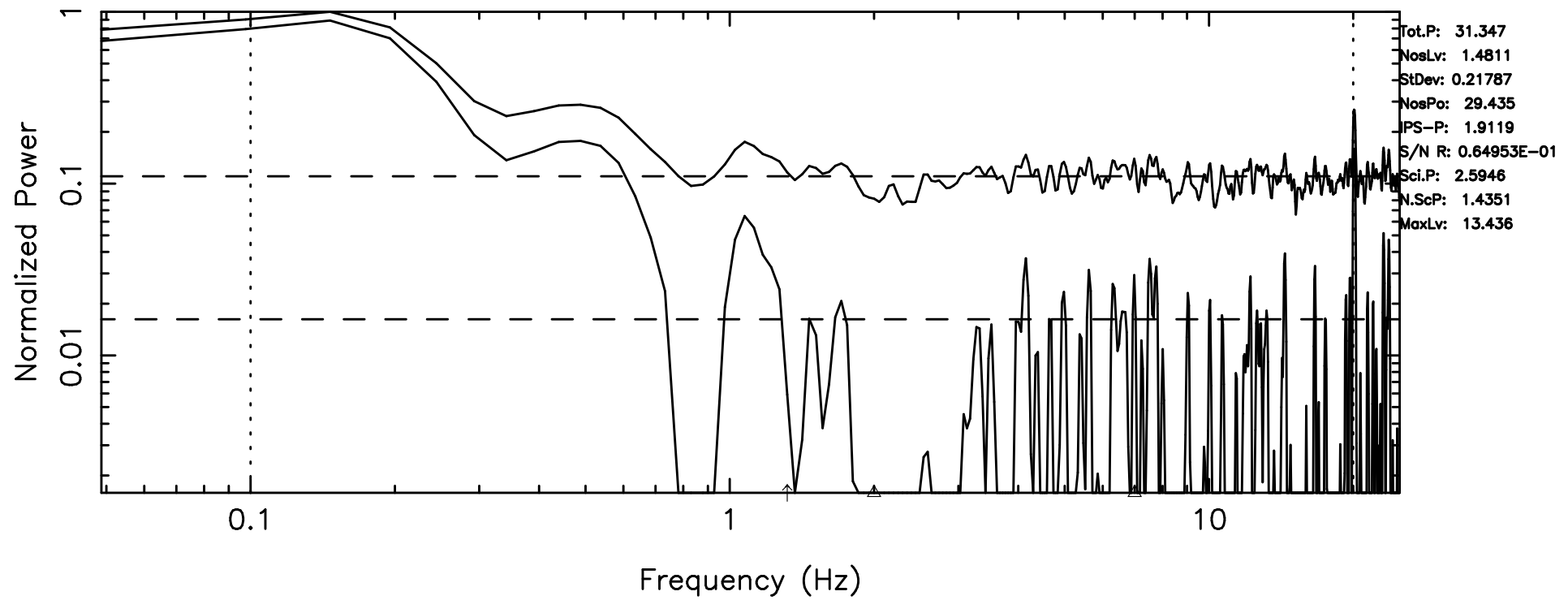
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



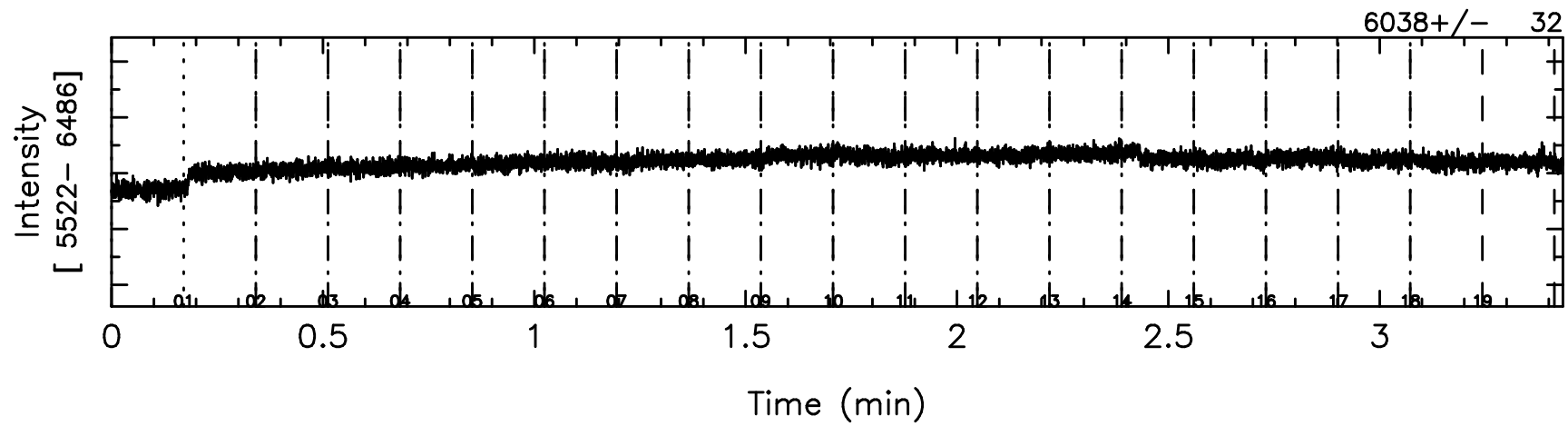
TOYOKAWA 1303+192 2024/07/05(187)18:00:22-18:03:48JST



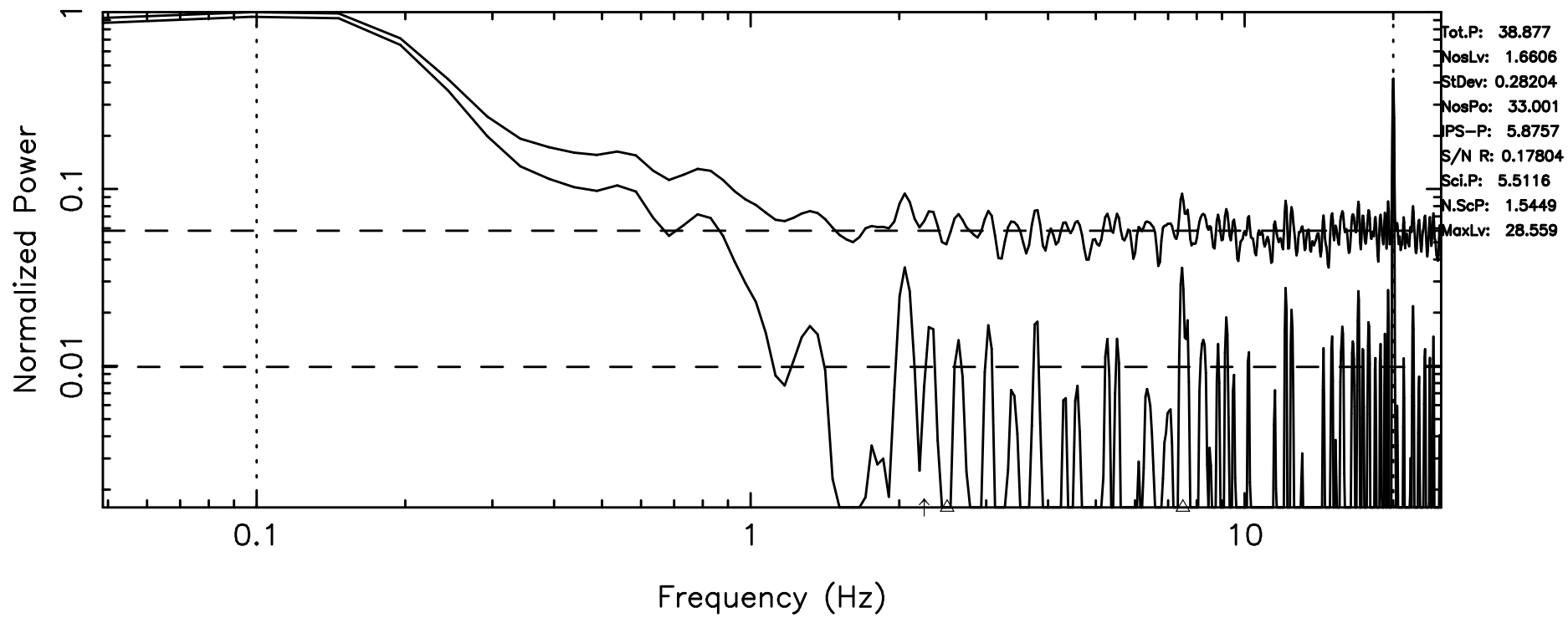
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



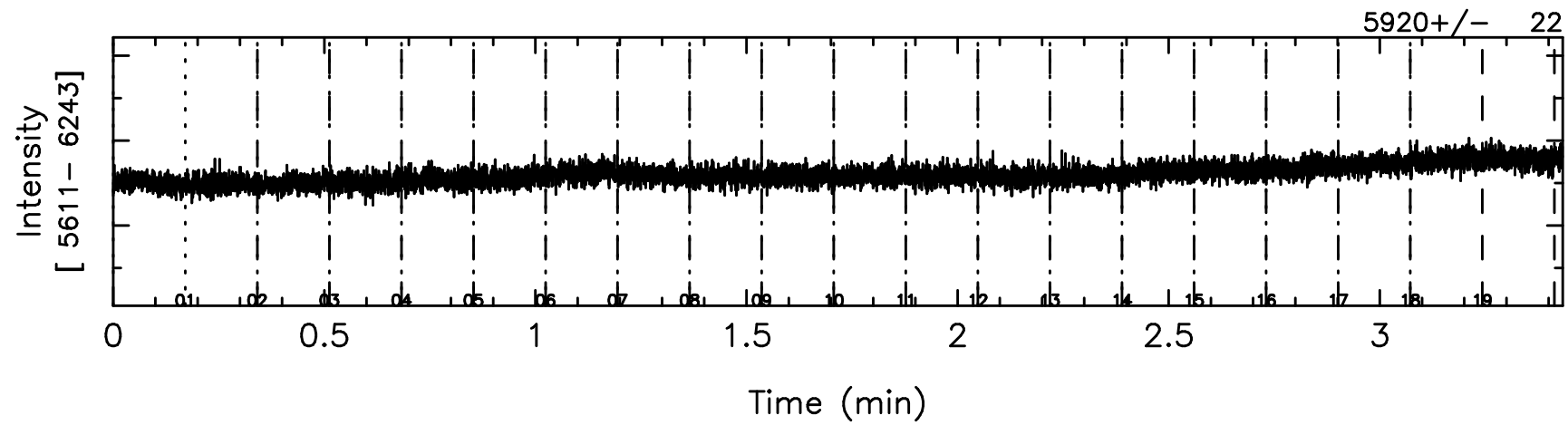
TOYOKAWA 1308+277 2024/07/05(187)18:05:37-18:09:03JST



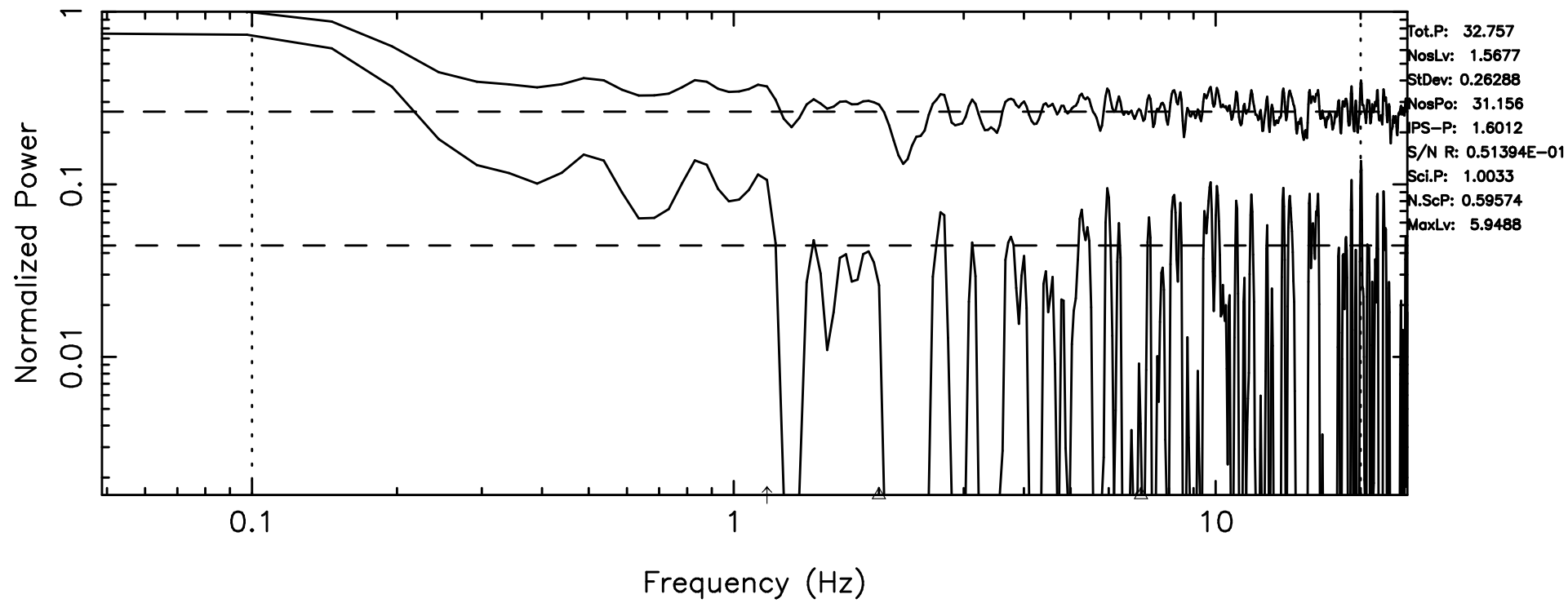
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



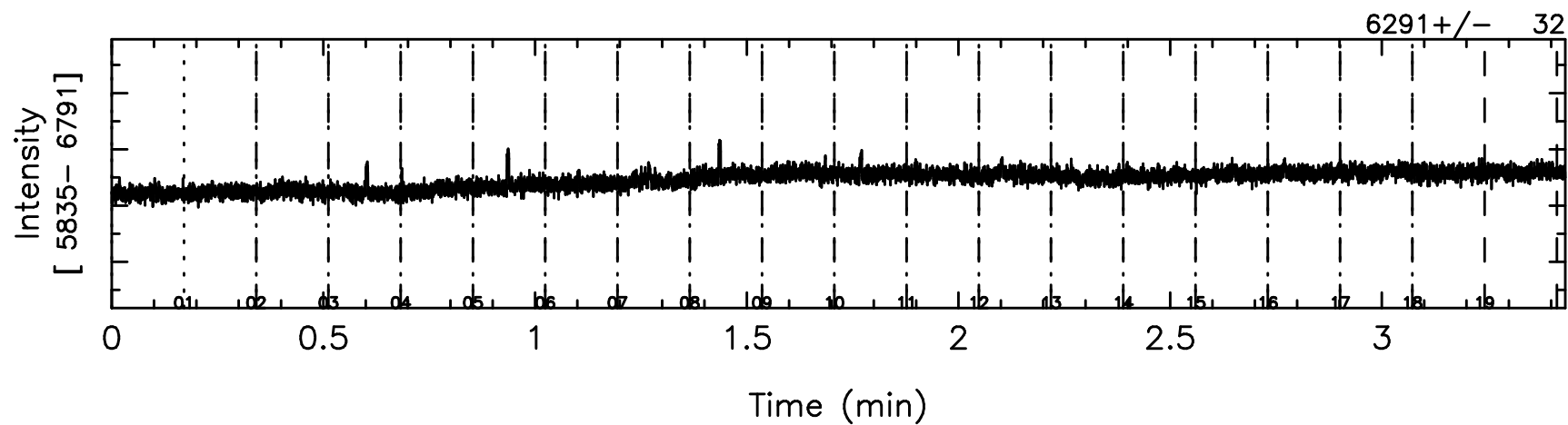
TOYOKAWA 1313+453 2024/07/05(187)18:10:38-18:14:04JST



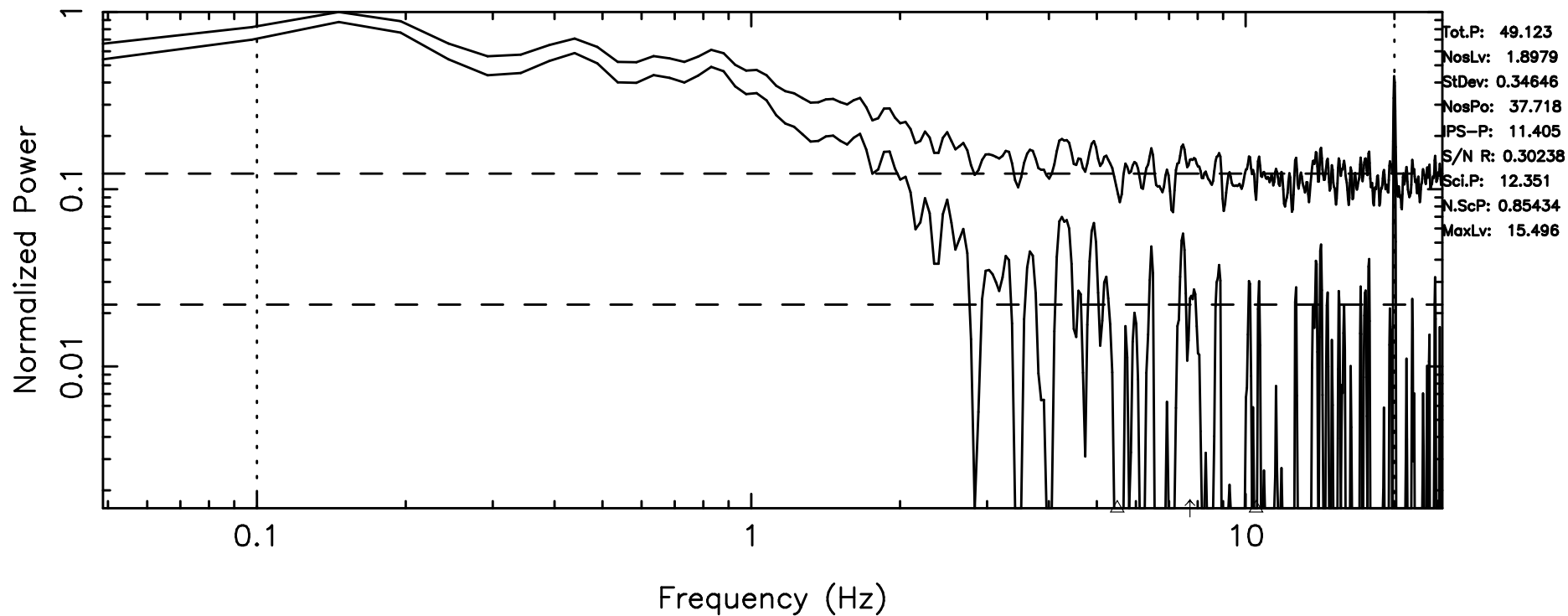
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



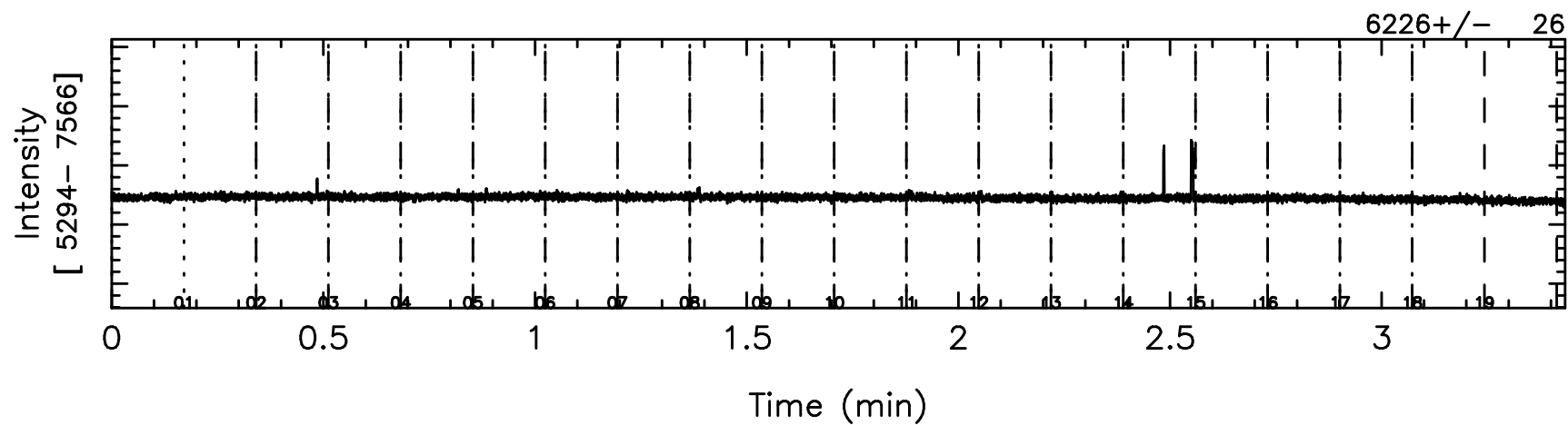
TOYOKAWA 1323+32 2024/07/05(187)18:20:44-18:24:10JST



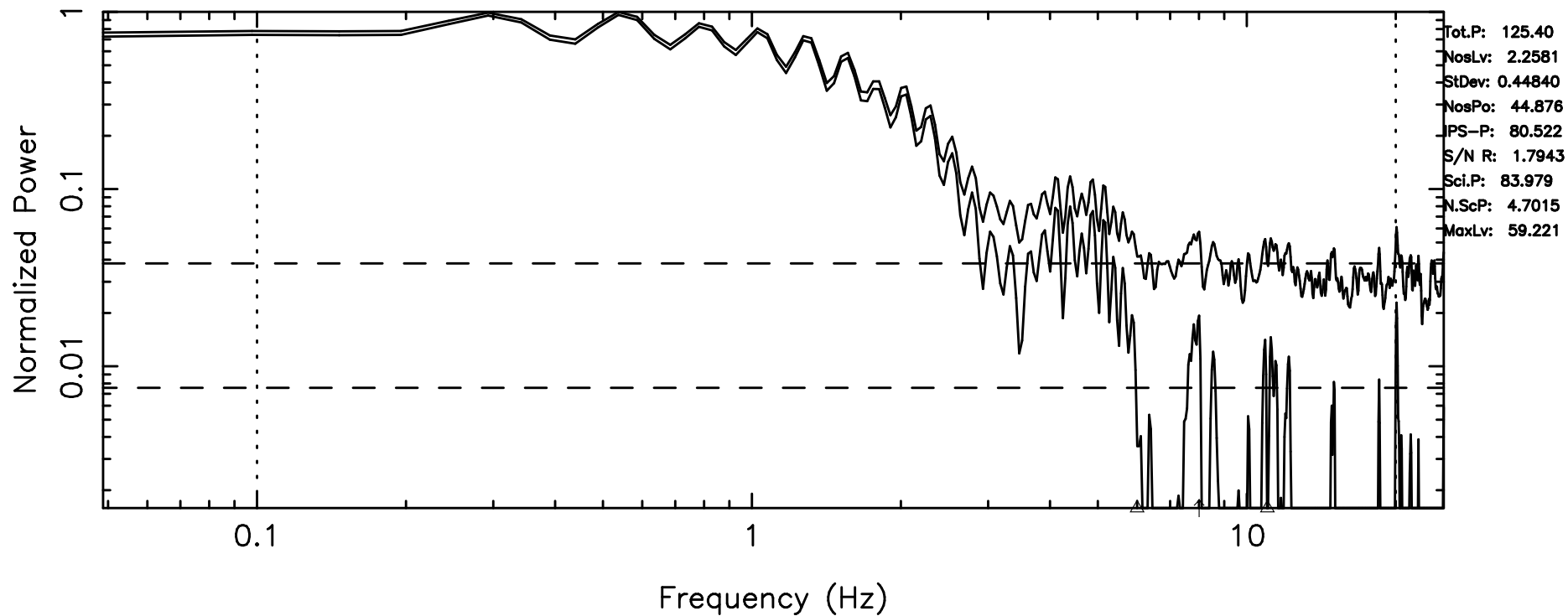
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



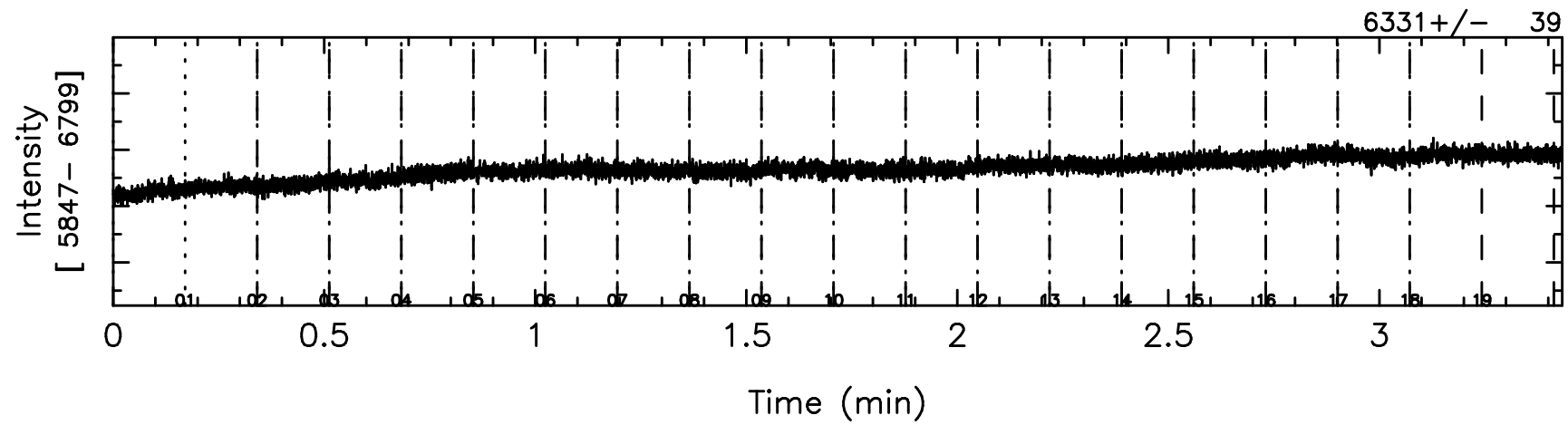
TOYOKAWA 1335+479 2024/07/05(187)18:31:57-18:35:23JST



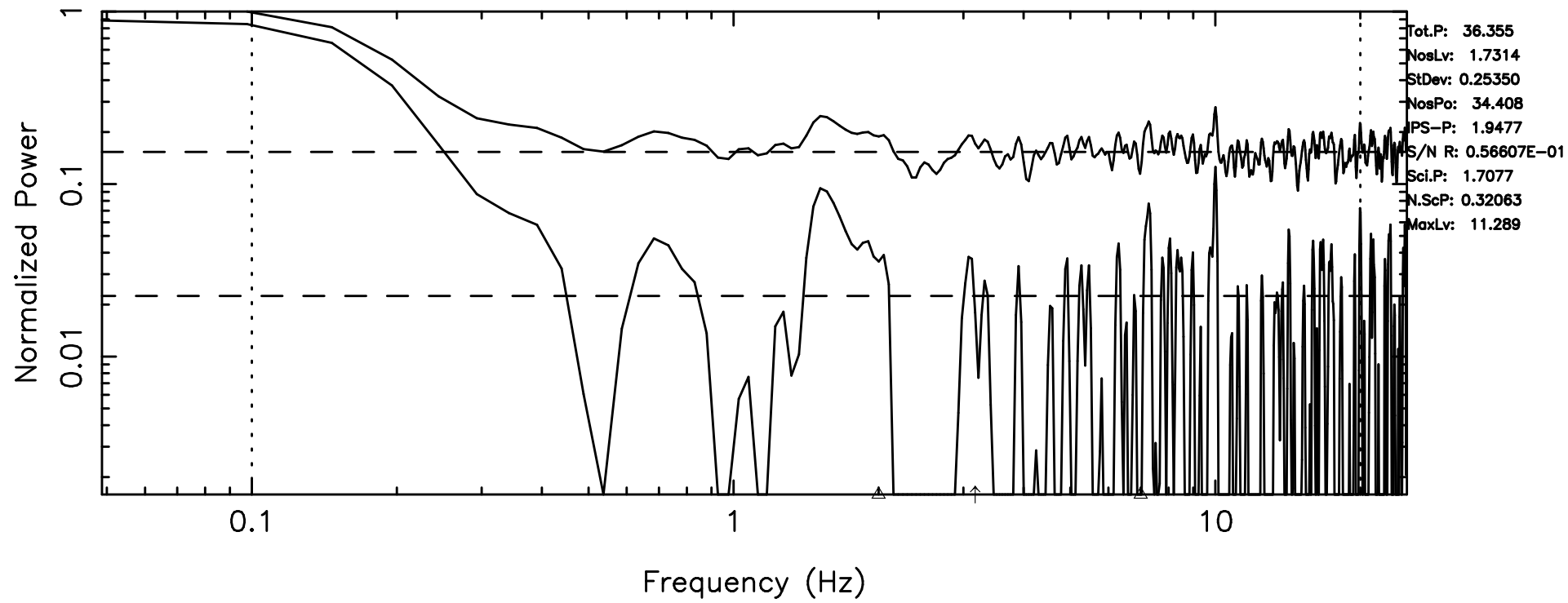
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



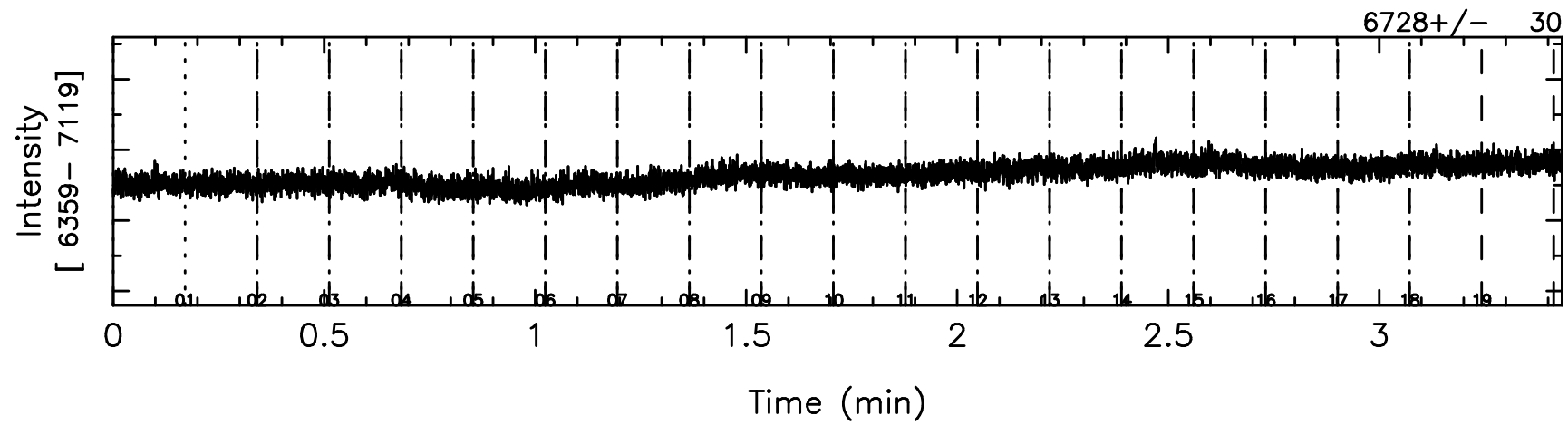
TOYOKAWA 1339+472 2024/07/05(187)18:36:02-18:39:28JST



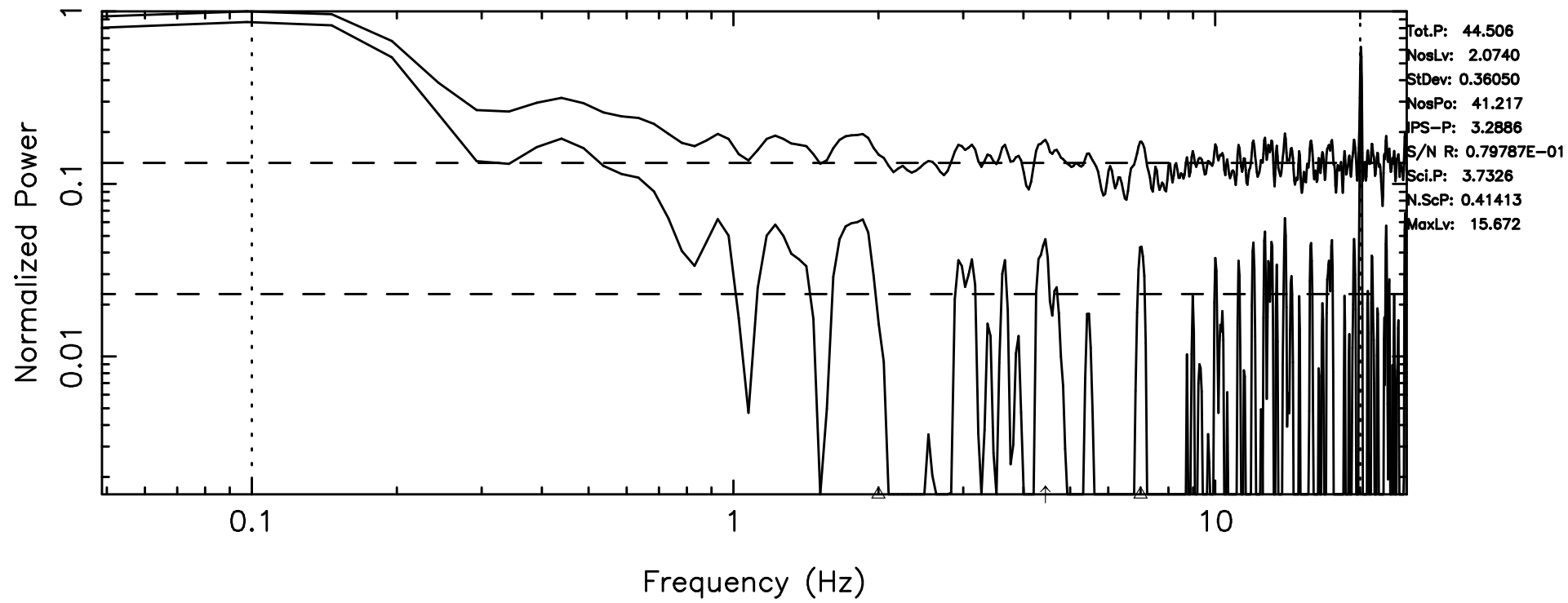
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



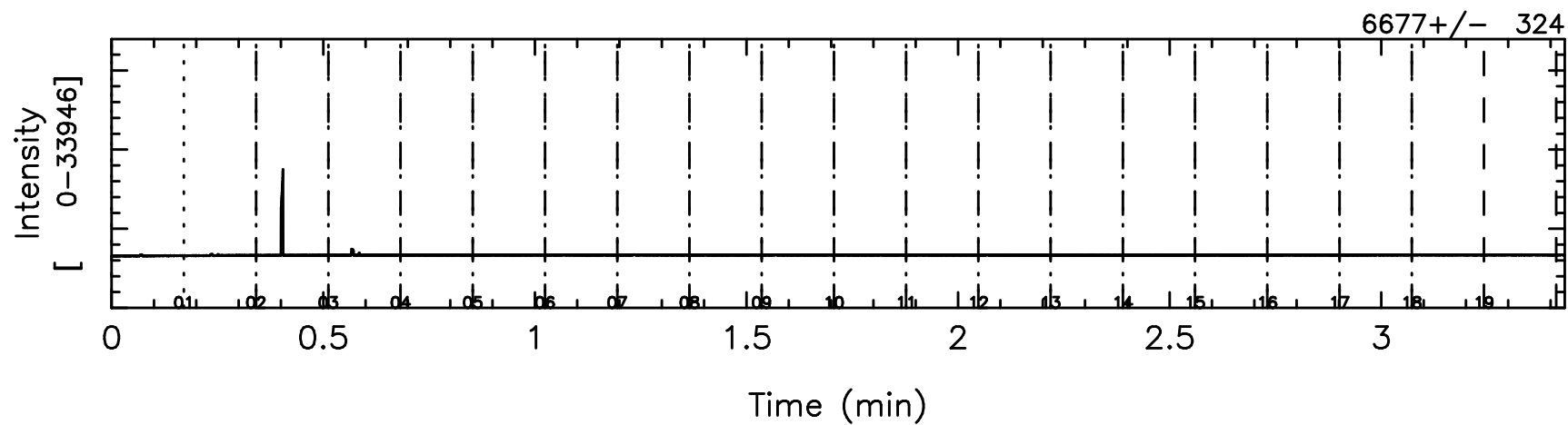
TOYOKAWA 1351+586 2024/07/05(187)18:47:02-18:50:28JST



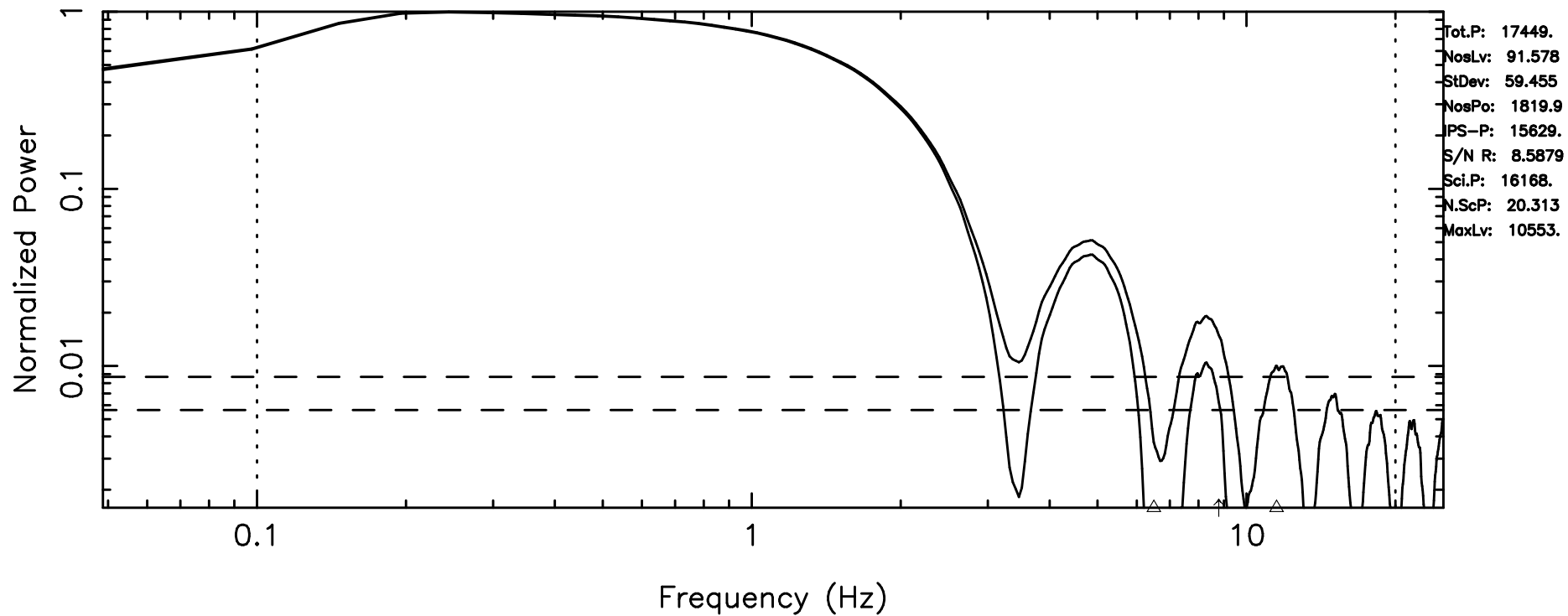
DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



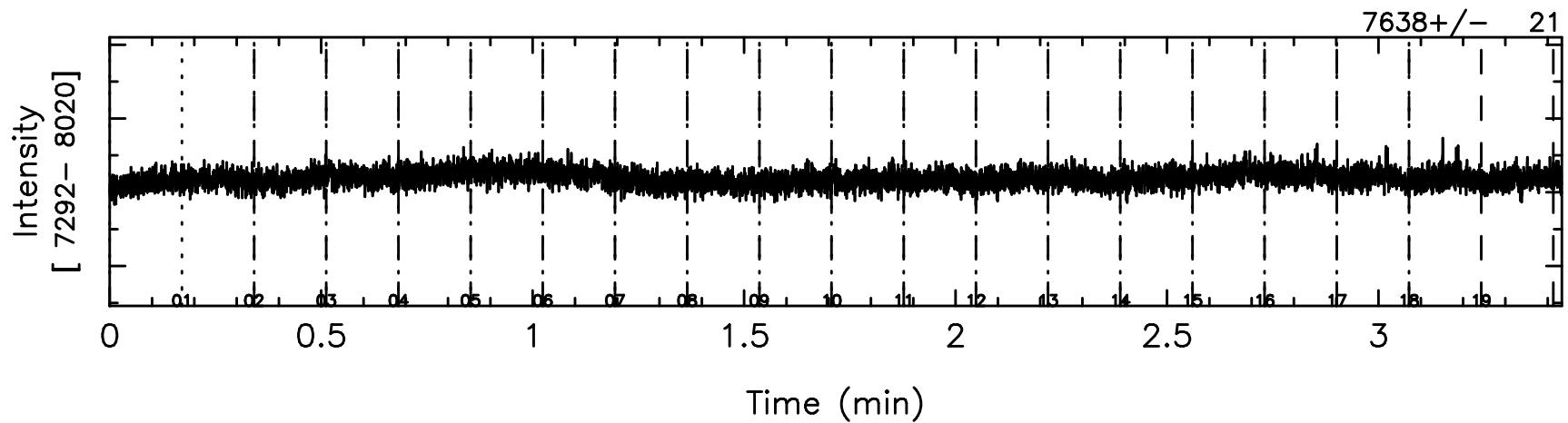
TOYOKAWA 1358+538 2024/07/05(187)18:54:26-18:57:52JST



DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)



TOYOKAWA 1448+634 2024/07/05(187)19:42:59-19:46:25JST



DC REMOVAL:DRIFT WINDOW:HAMMING SMOOTHING:PRE (2)

