

Supplementary Material

1 SUPPLEMENTARY DATA

APPENDIX A. TABLES

SC	DFs	Electron injections (68.1 keV)	Electron injections (127.5 keV)	Proton injections (75.3 keV)	Proton injections (92.2 keV)	Proton injections (159.7 keV)
C4	03:33:15 03:35:51 04:03:39 04:06:15 04:08:09 04:10:03 04:11:45 04:12:03	03:35:02 03:38:57 03:39:26 03:40:24 03:41:13 03:42:20 03:43:50 03:44:44 03:45:42 03:46:40 03:51:00 03:53:08 04:03:39	03:33:19 03:38:57 03:39:47 03:43:38 03:44:32 03:45:54 03:46:48 03:50:02 03:53:53 03:56:38 04:01:06 04:18:27	03:34:08 03:36:20 03:37:26 03:43:30 03:49:00 03:51:45 03:58:54 04:00:00 04:02:45 04:03:51 04:07:10 04:12:07 04:23:40 04:28:04	03:40:12 03:41:51 03:44:03 04:02:12 04:03:18 04:03:51 04:07:43 04:08:16 04:12:07	03:37:59 03:43:30 03:44:36 03:50:39 03:54:30 03:58:21 04:01:39 04:03:18 04:03:51 04:08:16 04:11:34 04:13:46 04:22:34 04:28:04 04:32:29
C3	03:33:15 03:35:54 03:36:00 04:03:39 04:06:06 04:07:00 04:08:12 04:10:03 04:11:48 04:12:06	03:35:58 03:38:59 03:39:58 03:41:30 03:42:21 03:43:20 03:44:10 03:45:17 03:47:15 03:49:50 03:50:16 03:51:10 03:53:12 03:54:44 03:55:35 03:56:42 03:57:49 03:59:47 04:02:27 04:06:01 04:19:03	03:33:48 03:34:55 03:40:52 03:42:12 03:43:57 03:44:44 03:45:55 03:46:16 03:50:11 03:51:35 03:52:34 03:54:28 03:55:18 03:57:33 04:02:43 04:32:25			
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C1	03:33:30 03:35:54 04:03:45 04:04:42 04:06:30 04:07:00 04:08:12 04:08:57 04:11:45 04:12:00 04:12:57	03:39:18 03:40:30 03:41:38 03:42:29 03:43:49 03:46:52 03:47:22 03:51:53 03:52:40 03:55:47 03:58:24	03:33:43 03:34:25 03:35:33 03:38:48 03:44:49 03:45:27 03:47:22 03:50:11 03:52:19 03:56:16 04:01:26 04:17:34			

Table S1. The list of injections of the electron and proton for the 11 September 2014 event