

Time	energy (HALLD:p) (MeV) (u)	energy (c)	offset (MeV)	Notes
02/13-02/15	12025±8	12022±5	0	True drifts by -5 MeV during the first 10h. 5 MeV spikes at $t = 13.7h$ are real. Other changes are artifacts.
02/15-02/16	12031±7	12031±7	0	02/16: 0:00 to 8:30am: Continuous +13MeV up drift is probably real.
02/17-02/20	12040±8	12040±8	0	Many energy drifts and jumps. Most as presumably real.
02/20-02/22	12040± $_{10}^{25}$ $t < 30h$ 12012±4 $t > 30h$	12044±4 12012±4	0	The jumps from 12050 to 12033 MeV at $t \simeq 11h$ and from 12032 to 12040 MeV are artifacts. The jump from 12039 to 12012 MeV is real.
02/22-02/23	12135±3	12014±2	-120 -118	Beam down for 16h. Came back at 12133 MeV. Hall A pass change (now 1 pass) occurred after 120 MeV jump.
02/23-02/25	12133± $_{7}^{14}$	12015± $_{7}^{14}$	-118	
02/25-02/26	12055± $_{14}^{20}$	12020±10	-35	Artificial -83 MeV jump on 02/25 at 10:17am. Artif. jump of +12 MeV at the end of the period.
02/27-02/29	12101±3	12061±3	-13 -40	Beam was down for 30h. Came back with a +27 MeV offset. Can't assess if real. We arbitrarily assume for now that it is real. There is a -60 MeV shift the last few hours, then back.
02/29-03/01	12104±8	12064± $_{2}^{8}$	-34	Genuine +13 MeV drift at the start. Artificial -6 GeV shift at the end.
03/02-03/05	12098±8	12059±7	-39	Artif. +5 MeV jump.
03/05-03/06	12102±6	12063±6	-39	+5 MeV jump for 2h.
03/06-03/07	12097±5	12057±5	-36	Should add +3 MeV for $t > 19h$.
03/07-03/08	12085±11	12065±11	-20	Two energy jumps. 1st one (16 MeV) is an artifact. 2nd one appears real.
03/08-03/09	12090±5	12068±4	-18	Apparently genuine 15 MeV jump occurred between previous period and this one
03/27-03/28	12094± $_{3}^{14}$	12094± $_{3}^{14}$	$\equiv 0$	18 days down time \implies cannot relate energy scale of this period to previous one \implies Offset to 0 arbitrarily. Genuine drift of 17 MeV up and then down.
03/28-03/30	12103±8	12103±8	-1	Genuine drift of 16 MeV. +1 MeV artif. jump in middle of period.
03/30-04/01	12116±7	12115±7	-1	Genuine drift of 13 MeV.
04/02-04/04	12120±11 $t < 25h$ 12120±11 $25 < t < 47h$ 12120±11 $t > 47h$	12121±5 12110±4 12103±4	-8	Large energy fluctuation (20 MeV) appears real apart for a +17 MeV offset.
04/07-04/09	12097±6	12097±6	0	Beam down for 3 days. Came back at 12096 MeV. Unclear if the -8 MeV shifts between this period and previous one is real. We arbitrarily assume so.
04/09-04/11	12095±4	12095±4	0	
04/11-04/12	12095±1 $t < 9h$ 12115±2 $t > 9h$	12095±1 12095±2	0 -20	Beam down for 6h. Came back at 12115 MeV. The change seems to be due to a re-tune after a Hall A pass change. The shift seems to be an artifact.
04/13-04/15	12115± $_{5}^{3}$	12095± $_{5}^{3}$	-20	
04/15-04/17	12097± $_{3}^{2}$	12097± $_{3}^{2}$	-20	
04/17-04/20	12121±6	12101±6	-19	Beam went down on 04/17 15:23. Came back at 12121 MeV, less stable, with overall systematic up drift and many artif. spikes.
04/20-04/20	12124±8	12105±8	-19	Real +4 MeV jump between this period and previous one, after 4h15 down time.
04/20-04/22	12115±6	12096±6	-19	Two artif. +5 MeV jumps at $t \simeq 3h$ and $t \simeq 23h$
04/22-04/25	12118±5	12099±5	-19	

Table 1: Hall D electron beam energy binned in periods of approximate energy stability. The vertical error bars are not measurement uncertainties but bracket systematic drift range during the time period. The second column provides the energy uncorrected for any artificial jumps of the HALLD:p measurement, while column 3 attempts to provide a corrected number. The 4th column provides the offset used for the correction.