

2010-09-29 Morning Notes

Wednesday, September 29, 2010
6:00 AM

Stacking

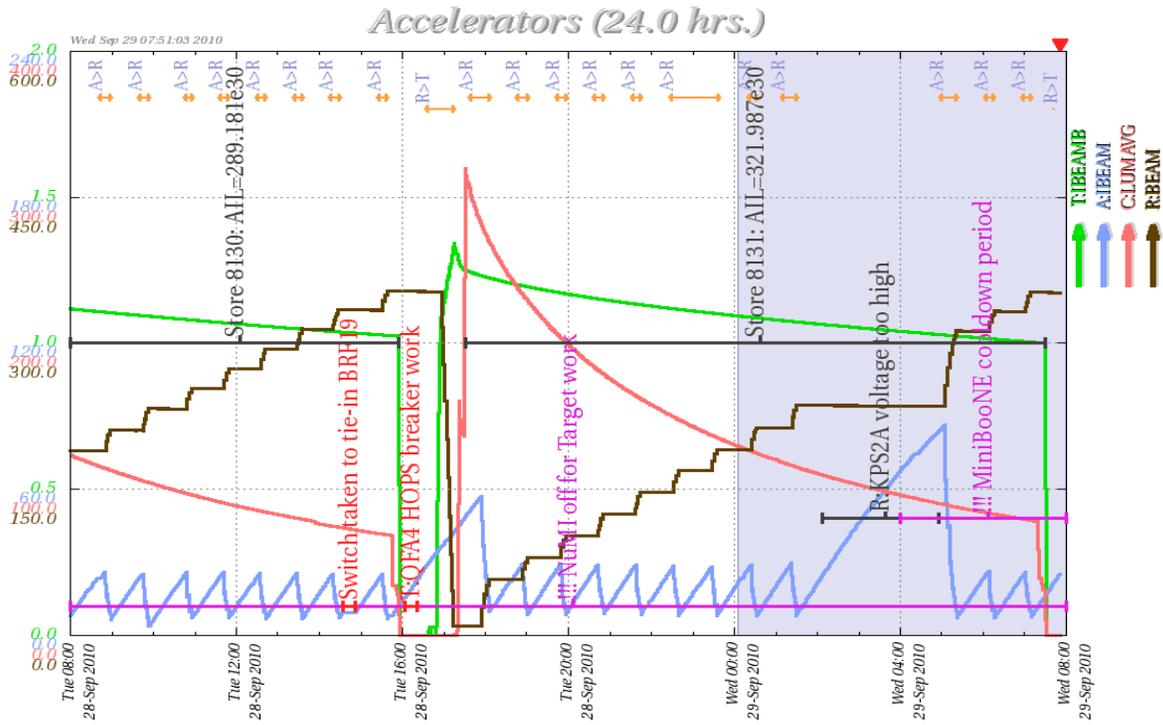
- Sublimated
- M:USWA tripped on evening shift. Reset and on
- Stacking numbers
 - <stacking rate> = 25.2 mA/hr
 - <production> = 19.4 e-6
 - <POT> = 8.37 Tp

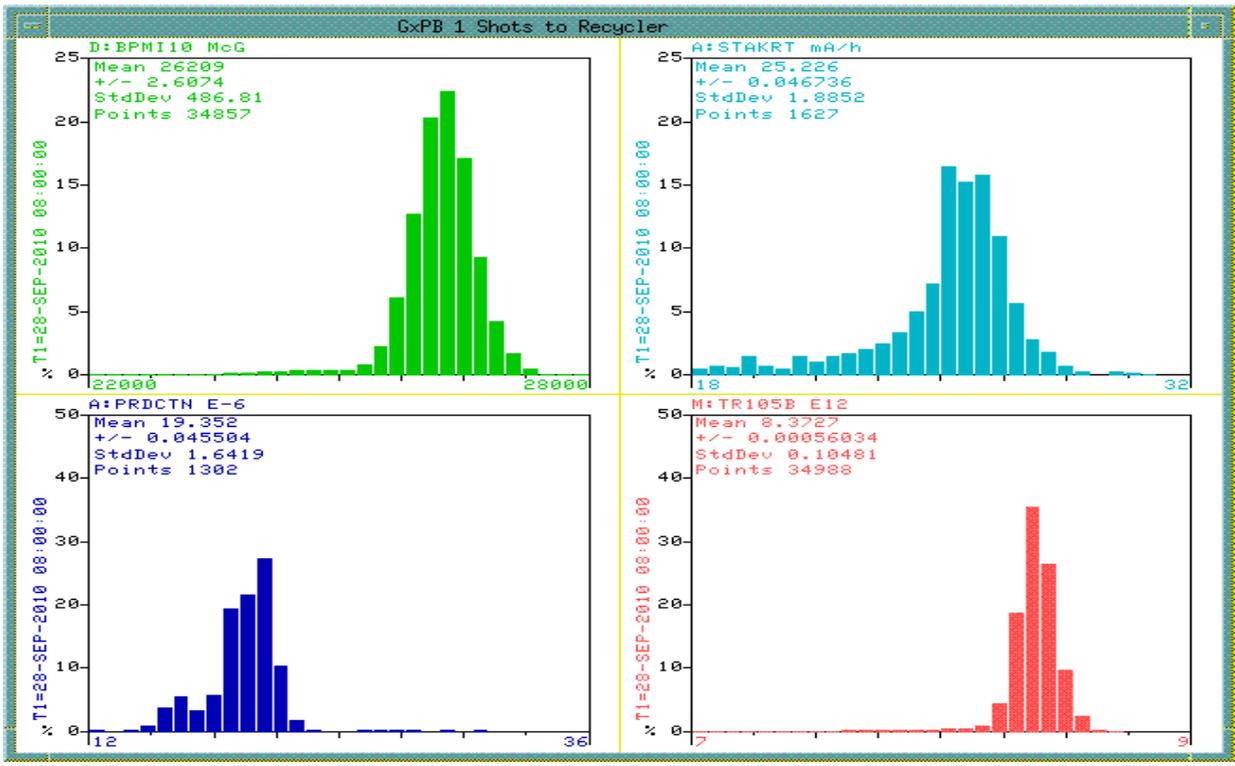
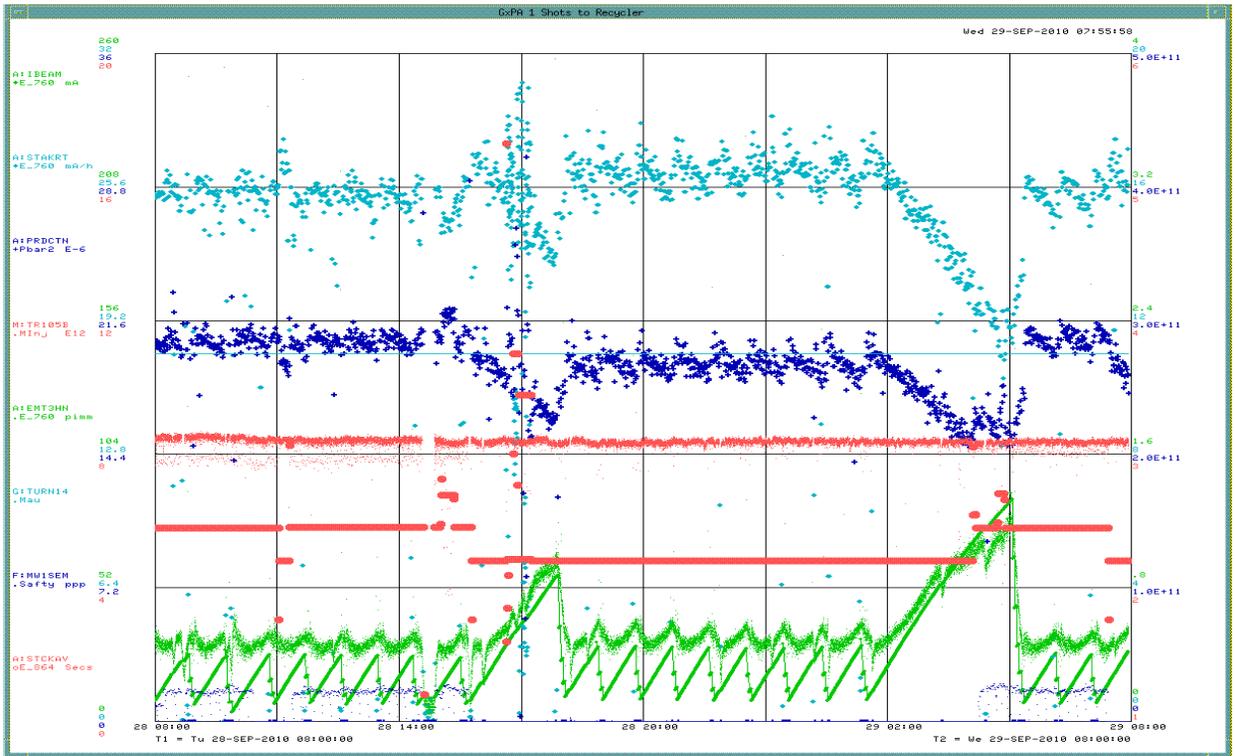
Transfers

- Unstacked 568 e10 in 67 transfers over 21 sets
- Average unstacking efficiency was 95.7%

The Numbers

Plots





Column 1 Number	Column 4 Number_3_Transfer Time	Column 21 Number_20_A1 BEAMB sampled on \$91 (A-BEA M7), E10	Column 22 Number_21_A1 BEAMB sampled on \$94 (A-BEA M9), E10	Unstacked (mA)	Column 23 Number_22_R: (R-BEA ME0[0]) pre after E10	Column 24 Number_23_R: (R-BEA ME0[1]) post after E10	Stashed	Acc to RR Eff	Acc to MI Eff	Acc to M12 Eff	Acc to M12 Efficiency	Transfers	Sets	Column 5 Number_4_Acc Horizontal Emittance	Column 6 Number_5_Acc Vertical Emittance	Column 8 Number_7_Acc Longitudinal Emittance	
Totals =>				567.95		543.78	95.74%	97.38%	97.10%	94.56%	67	21	5.007	5.0895	1.9566		
Daily Average =>				567.95		543.78					67	21					
20945	Wednesday, September 29, 2010	7:01	26.17	7.18	21.61	332.33	352.83	20.75	96.02%	97.89%	96.95%	94.95%	3	1	4.948	4.807	2.005
20944	Wednesday, September 29, 2010	6:08	26.70	6.88	22.39	311.95	333.19	21.45	95.81%	97.73%	97.75%	95.53%	3	1	4.544	5.007	1.986
20943	Wednesday, September 29, 2010	5:04	26.70	6.99	84.74	235.33	313.11	79.09	93.33%	96.78%	95.65%	92.57%	6	1	7.232	6.424	1.813
20942	Wednesday, September 29, 2010	1:23	29.84	8.28	24.20	213.30	236.50	23.31	96.33%	97.48%	97.78%	95.32%	3	1	5.08	4.94	2.001
20941	Wednesday, September 29, 2010	0:24	29.21	8.08	23.73	190.82	213.59	22.92	96.57%	97.46%	97.88%	95.39%	3	1	4.97	4.898	1.997
20940	Tuesday, September 28, 2010	23:28	28.52	8.06	23.14	169.05	191.11	22.23	96.07%	96.84%	96.84%	93.78%	3	1	4.885	5.068	1.982
20939	Tuesday, September 28, 2010	22:32	28.60	7.87	23.35	146.91	169.29	22.48	96.28%	96.79%	96.67%	93.57%	3	1	4.867	5.024	1.968
20938	Tuesday, September 28, 2010	21:37	28.96	8.13	23.44	124.56	147.14	22.70	96.88%	98.01%	97.55%	95.60%	3	1	4.917	4.973	1.974
20937	Tuesday, September 28, 2010	20:43	29.31	8.45	23.50	102.24	124.75	22.62	96.25%	97.45%	96.03%	93.58%	3	1	5.165	5.066	1.999
20936	Tuesday, September 28, 2010	19:49	29.51	8.50	23.70	79.85	102.38	22.66	95.62%	96.42%	97.06%	93.59%	3	1	5.132	5.273	1.938
20935	Tuesday, September 28, 2010	18:54	29.30	8.43	23.53	57.38	79.97	22.67	96.37%	97.64%	98.71%	96.38%	3	1	5.058	5.069	1.992
20934	Tuesday, September 28, 2010	17:55	29.12	9.45	51.23	9.47	57.57	48.44	94.56%	96.67%	96.12%	93.92%	4	1	6.734	6.447	1.825
20933	Tuesday, September 28, 2010	15:31	25.08	6.75	20.94	334.06	354.02	20.20	96.49%	97.84%	97.21%	95.11%	3	1	4.909	4.957	1.988
20932	Tuesday, September 28, 2010	14:20	25.59	6.64	21.53	314.32	334.87	20.80	96.60%	98.62%	98.29%	96.93%	3	1	4.59	4.946	1.958
20931	Tuesday, September 28, 2010	13:28	25.78	6.75	21.61	294.17	314.85	20.88	96.63%	99.08%	98.21%	97.31%	3	1	4.69	4.861	1.973
20930	Tuesday, September 28, 2010	12:35	25.80	6.57	21.82	273.80	294.66	21.06	96.50%	98.64%	98.75%	97.41%	3	1	4.514	4.826	1.99
20929	Tuesday, September 28, 2010	11:41	26.19	7.06	21.73	253.40	274.23	21.04	96.81%	97.40%	97.48%	94.95%	3	1	4.769	4.95	1.862
20928	Tuesday, September 28, 2010	10:48	26.11	6.78	21.98	232.71	253.74	21.22	96.58%	96.90%	97.16%	94.15%	3	1	4.57	5.138	1.975
20927	Tuesday, September 28, 2010	9:46	25.34	3.52	23.46	210.51	233.02	22.58	96.24%	97.61%	97.66%	95.33%	3	1	3.905	4.264	1.905
20926	Tuesday, September 28, 2010	8:50	26.32	6.41	22.33	189.34	210.79	21.55	96.51%	97.70%	97.97%	95.72%	3	1	4.65	5.005	1.99
20925	Tuesday, September 28, 2010	7:51	28.65	7.17	24.02	166.60	189.63	23.15	96.34%	96.95%	96.70%	93.76%	3	1	5.018	4.937	1.967

