Table 1: Shielded pickup witness bunch data sets recorded from March, 2010 through November, 2011. Note that the various cloud-mitigating coatings (TiN, a-carbon, and diamond-like carbon) were swapped into the different radiation environments at 15E and 15W. Data sets with differing total radiation dose were obtained as well. Two vacuum chambers with a-carbon coatings were studied, providing information on production reproducibility.

Date	Species	Beam Energy (GeV)	Bunch Current (mA)	15E/W	Mitigation Technique	Bunch Spacing (ns)
03/27/2010	Positrons	5.3	5	W	a-carbon (1)	14-84
				E	TiN	
	Electrons		5	W	a-carbon (1)	14-70
				E	TiN	
05/09/2010	Positrons	2.1	3	W	Al	4-140
				E	a-carbon (2)	
	Electrons		3	W	Al	4-20
				E	a-carbon (2)	
05/17/2010	Positrons	5.3	3	W	Al	4-100
				E	a-carbon (2)	
	Electrons		3	W	Al	4-100
				E	a-carbon (2)	
05/19/2010	Electrons	2.1	1	W	Al	4-120
				E	a-carbon (2)	
09/21/2010	Positrons	5.3	1,2,4,6,8,10	W	TiN	14
				E	a-carbon (2)	
09/24/2010	Positrons	2.1	2,4,6	W	TiN	14
				E	a-carbon (2)	
	Electrons			W	TiN	
				E	a-carbon (2)	
12/10/2010	Electrons	2.1	1,2,3,4,5,6,8,10	W	TiN	14-84
				E	a-carbon (2)	
12/20/2010	Positrons	2.1	1,2,3,4,5,6,8,10	W	TiN	56,84
				E	a-carbon (2)	
12/24/2010	Positrons	5.3	3,5	W	TiN	14-84
				E	a-carbon (2)	
	Electrons		3,5	W	TiN	14-84
				E	a-carbon (2)	
04/07/2011	Positrons	5.3	1,2,3,4,5,6,8,10	W	TiN	14-84
				E	DL carbon	
	Electrons		1,2,3,4,5,6,8,10	W	TiN	14-84
				E	DL carbon	
04/16/2011	Positrons	2.1	1,2,3,4,5,6,8,10	W	TiN	14-84
				E	DL carbon	
04/17/2011	Electrons		1,2,3,4,5,6,8,10	W	TiN	14-84
				E	DL carbon	
06/11/2011	Positrons	2.1	1,2,3,4,5,6,8,10	W	TiN	14-84
				E	DL carbon	
06/12/2011	Electrons		1,2,3,4,5,6,8,10	W	TiN	14-84
				E	DL carbon	
06/18/2011	Positrons	5.3	1,2,3,4,5,6,8,10	W	TiN	14-98
				E	DL carbon	
	Electrons		1,2,3,4,5,6,8,10	W	TiN	14-84
				E	DL carbon	
06/27/2011	Positrons	4.0	1,2,3,4,5,6,8,10	W	TiN	14-98
				E	DL carbon	
	Electrons	2.1	1,2,3,4,5,6	W	TiN	84
				E	DL carbon	
09/27/2011	Positrons	5.3	1,2,3,4,5,6,8	W	a-carbon (2)	14-84
				E	DL carbon	
09/30/2011	Positrons	5.3	1,2,3,4,5,6,8	W	a-carbon (2)	14-84
				E	DL carbon	
10/04/2011	Positrons	5.3	1,2,3,4,5,6,8	W	a-carbon (2)	14-84
				E	DL carbon	
10/11/2011	Positrons	5.3	1,2,3,4,5,6,8	W	a-carbon (2)	14-84
				E	DL carbon	
10/25/2011	Positrons	5.3	1,2,3,4,5,6,8	W	a-carbon (2)	14-84
				E	DL carbon	
11/27/2011	Positrons	5.3	1,2,3,4,5,6,8,10	W	a-carbon (2)	14-98
				E	DL carbon	
	Electrons		1,2,3,4,5,6,8,10	W	a-carbon (2)	14-84
				E	DL carbon	

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