Gavalya, Soova, Bogdan, and Brian 2020 Sept. 9th

SBS FFKinematic Settings

G_E^n 09016 Polarized He3

Q^2 [GeV^2]	θ_{BB} [deg]	d_{BB} [m]	θ_{48D48} [deg]	d_{48D48} [m]	d_{HCAL} [m]	Beam Line Configuration #
1.46	40.0	1.50	39.4	2.8	17	2
3.68	34.0	1.50	29.9	2.8	17	2
6.77	34.0	1.50	22.2	2.8	17	2
10.18	34.0	1.50	17.5	2.8	17	2

G_E^n/G_M^n 17004 Hydrogen/Deuterium (also known as GEn-Rp)

Experimental Points 10cm Hydrogen/Deuterium

Q^2 [GeV^2]	θ_{BB} [deg]	d_{BB} [m]	θ_{48D48} [deg]	d_{48D48} [m]	d_{HCAL} [m]	Beam Line Configuration #
4.5	41.9	1.55	24.7	2.25	8.5	3

G_M^n 09019 Hydrogen/Deuterium

Experimental Points 10cm Hydrogen/Deuterium

Q^2 [GeV^2]	θ_{BB} [deg]	d_{BB} [m]	θ_{48D48} [deg]	d_{48D48} [m]	d_{HCAL} [m]	Beam Line Configuration #
3.5	32.5	1.80	31.1	2.0	7.2	3
4.5	41.9	1.55	24.7	2.25	8.5	3
4.5b	23.2	2.05	31.1	2.25	8.5	3 (new for 2020)
5.7	58.4	1.55	17.5	2.25	11	3
6.0	30.5	1.85	24.7	2.25	8.5	3 (new for 2020)
8.1	43	1.55	17.5	2.25	11	3
10.2	34	1.75	17.5	2.25	11	3
12.0	44.2	1.55	13.3	2.25	14	3
13.5	33.0	1.55	14.9	3.1	17	4

Calibration Points: 10cm Hydrogen

Q^2 [GeV^2]	θ_{HRS} [deg]	θ_{48D48} [deg]	d_{48D48} [m]	d_{HCAL} [m]	Beam Line Configuration #
4.4	39	25.5	3.1	17.	4
4.4	42	25.5	3.1	17.	4
6.0	61.1	14.9	3.1	17.	4
6.0	64.3	14.9	3.1	17.	4
6.0	67.5	14.9	3.1	17.	4
6.0	69.1	14.9	3.1	17.	4

G_E^p 07109 Hydrogen

Experimental Points 40cm Hydrogen

Q^2 [GeV^2]	$\theta_{electronarm}$ [deg]	θ_{48D48} [deg]	d_{48D48} [m]	$d_{electronarm}$ [m]	d_{HCAL} [m]	Beam Line Configuration #
5.0	29	25.7	1.6	9	6.8	1
8.0	26.7	22.1	1.6	6.5	6.8	1
12.0	29.0	16.9	1.6	4.5	6.8	1