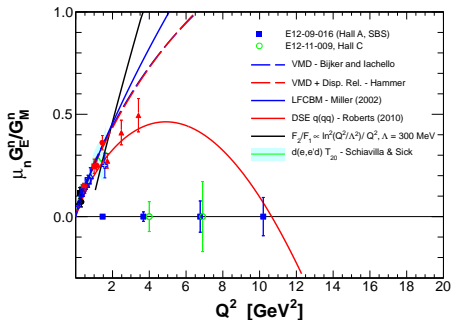


G_E^n - Neutron Electric Form Factor with SBS

Requirements

- Standard BigBite package
 - Similar to A_1^n , G_M^n
- HCAL-J + 48D48
 - $\delta t \leq 0.75$ ns
- Polarized ^3He target
- Coincident trigger with HCAL-J and BigBite



Configuration

- 45 days
- $I = 60 \mu\text{A}$
- $P_{^3\text{He}} = 60\%$
- $L_{\text{targ}} = 55$ cm

Q^2 (GeV^2)	E_i (GeV)	θ_e (deg)	p_e (GeV/c)	θ_n (deg)	p_n (GeV/c)
1.5	2.2	40.0	1.42	39.4	1.44
3.7	4.4	34.0	2.44	29.9	2.74
6.8	6.6	34.0	3.00	22.2	4.44
10.2	8.8	34.0	3.38	17.5	6.29