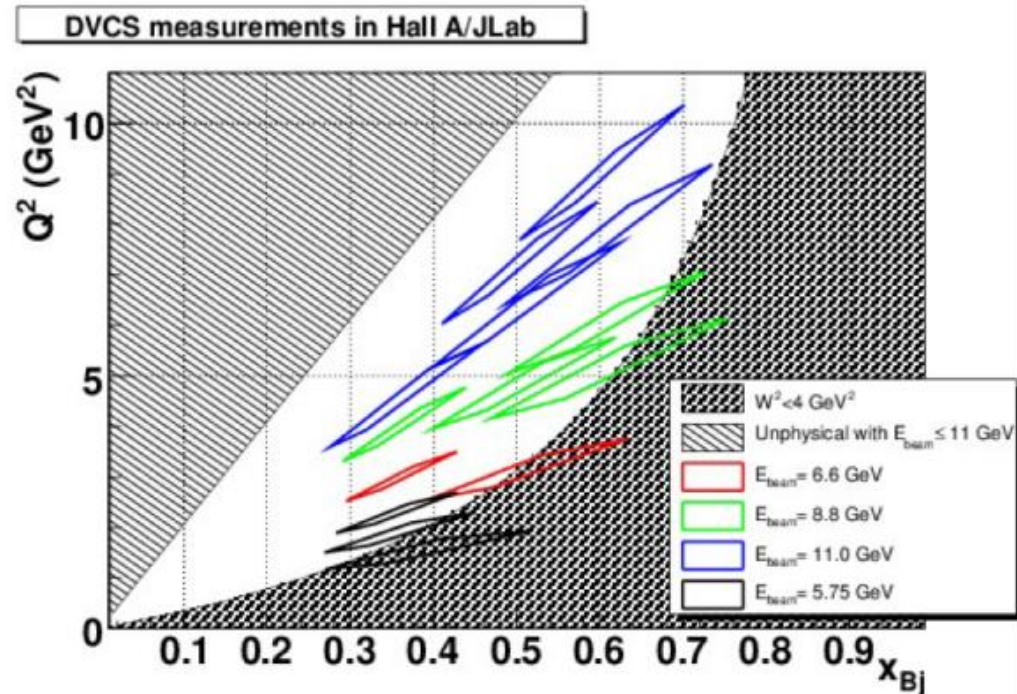


E12-06-114 (Hall A) DVCS Jeopardy Proposal

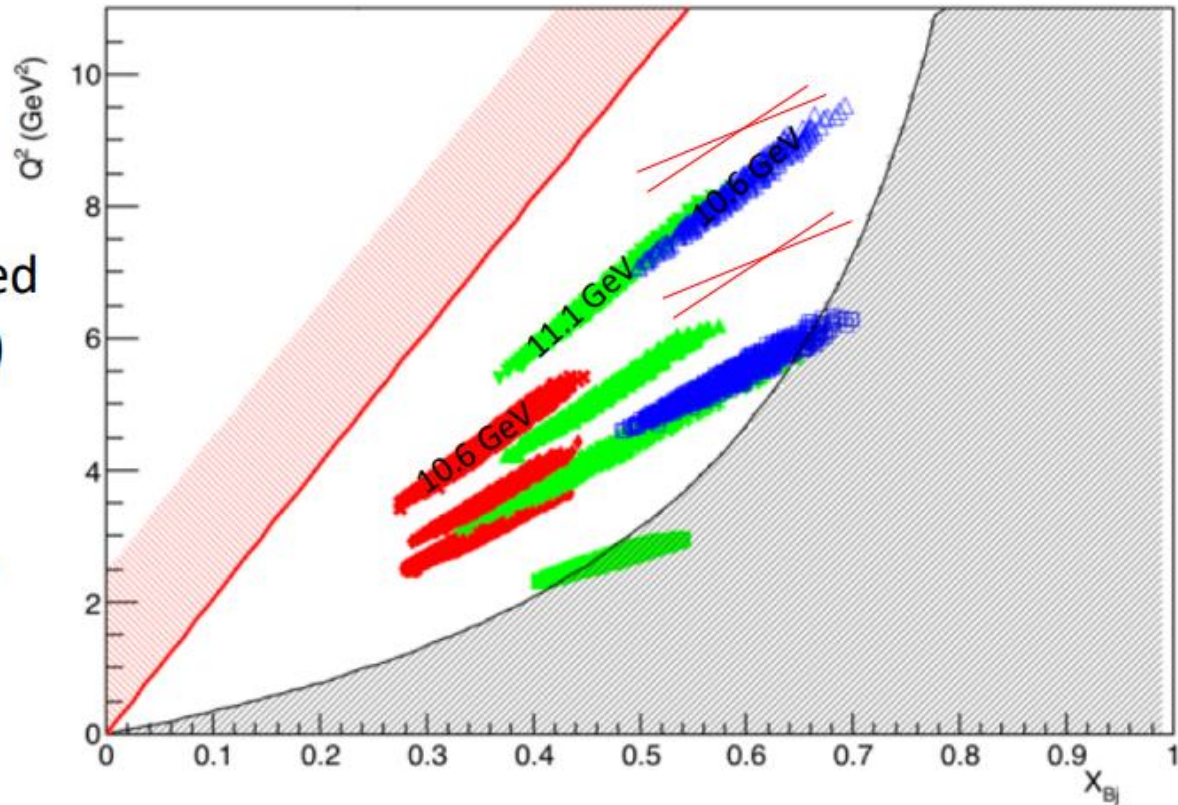
- Approved by PAC30 (2006),
 - 100 days allocated by PAC38 (2011)
 - 70 days assigned 'High Impact' by PAC41 (2014).
- Goals
 - High precision (4% systematic) cross sections
 - Factor of two Q^2 range
 - $x_B = 0.36, 0.48, 0.60$
- Scheduled for 50 days during 12 GeV commissioning 2014–2016



From C. Hyde's talk to PAC47

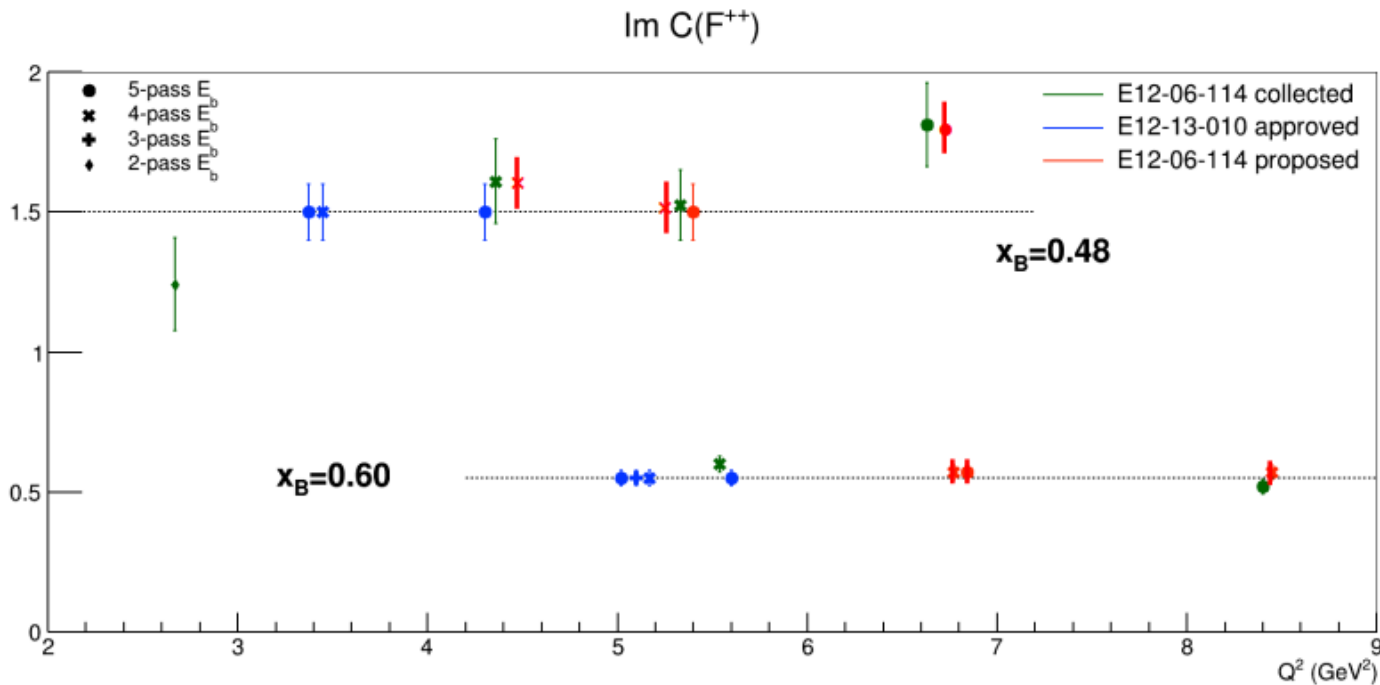
2014-2016 Hall A running (50 days)

- 1 setting @ full 11.1 GeV
- Reduced momentum of HRS
 - Less optimal kinematics
- Two settings ($x_B = 0.6$) omitted
- *Single energy at each (Q^2, x_B) point.*
- $x_B = 0.48$
 - Beam time reduced by 50 day cap.
 - Q1 Detuning problem



Hall C running (35 days) proposal

- 35 Jeopardy days
- $x_B=0.6$
 - Relax statistics slightly
 - Energy Dependence
- $x_B=0.48$
 - Full statistics @ full acceptance
 - Energy Dependence



	x_B	Q^2 (GeV ²)	E_{Beam} (GeV)	Lumi (10 ³⁷ /cm ² /s)	Days
48_2	0.48	4.365	8.52	7.5	3
48_3	0.48	5.334	8.52	7.5	3
48_J1	0.48	5.334	10.62	7.5	3
48_4	0.48	6.900	10.62	10	4
60_J1	0.60	6.822	8.52	7.5	7
60_J2	0.60	6.822	10.62	7.5	6
60_J3	0.60	8.400	8.52	13.	9
Total					35