Run Plan *Discussion*

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DVCS Collaboration Meeting
December 19–20, 2013

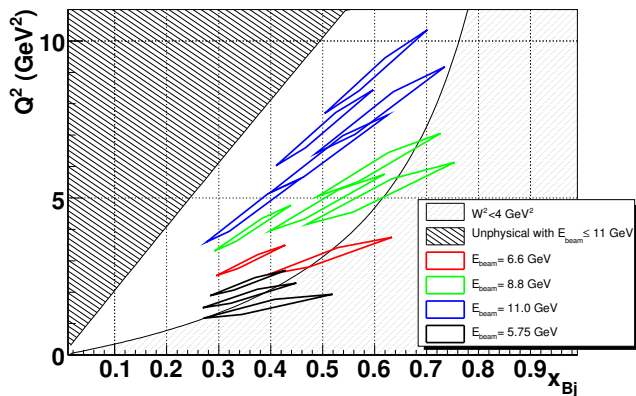# Run plan will depend upon...

Available:

- Beam energy

- Beam current

- Beam quality

- Beam time

Kinematic coverage

JLab12 with 3, 4, 5 pass beam

(6.6, 8.8, 11.0 GeV beam energy)

DVCS measurements in Hall A/JLab

Q^2	Beam time (days)		
		x_{Bj}	
(GeV^2)	0.36	0.50	0.60
3.0	3		
4.0	2		
4.55	1		
3.1		5	
4.8		4	
6.3		4	
7.2		7	
5.1			13
6.0			16
7.7			13
9.0			20
Total	6	20	62

$1 \, \mathrm{GeV}^2$ range in $t_{min} - t$

88 days

250k events/setting

Requirements

- Flexible on beam energy. . .
  However, we need 3 different energies to perform a Q^2 at fixed x_B

  In principle, available after summer 2014.

- Total beam time approved: 100 PAC days $\Rightarrow$ 7 calendar months!
  (at $\sim$50% accelerator efficiency)

- Polarimetry? What precision do we need?

Open questions

- What luminosity?

- Blue light curing : useful, needed, to avoid...?

- Several triggers (random, π...), prescales?
  What about DT calculation?