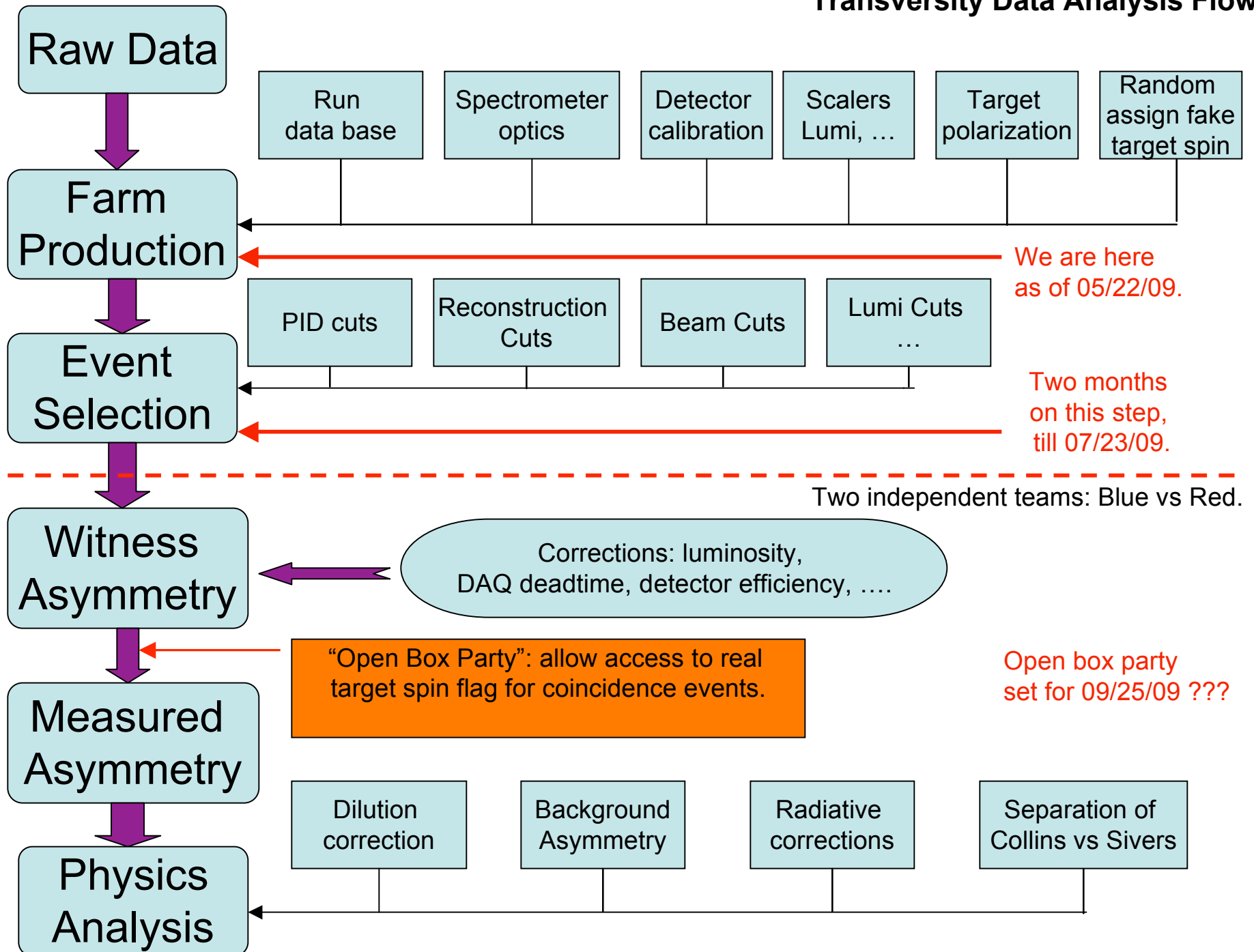


Transversity Collaboration Meeting

Xiaodong Jiang, May 22nd, 2009

- Where we are on the Transversity data analysis flow chart.
- Double-blind analysis on ^3He asymmetries for $(e, e'\pi)$.

Transversity Data Analysis Flow



Double-Blind Analysis

Witness channel target single-spin asymmetries.	$(e,p)_{\text{HRS}}$ and $(e,\pi^+)_{\text{HRS}}$			
	$(e,\pi^-)_{\text{HRS}}$			
	$(e,e')_{\text{HRS}}$			
	$(e,e')_{\text{BigBite}}$			
Accidental $(e,e'\pi)$ off TOF peak.	$(e,e')_{\text{BigBite}} \otimes (e,\pi)_{\text{HRS}}$			
Unpolarized targets: ^{12}C , N_2 , H_2 , ^3He .	coin. $(e,e'\pi)$			
Polarized ^3He target coin. $(e,e'\pi)$.	Blinded box, no deliberate access.			
	real target spin flag	fake target spin flag-1, 2, 3 ...		

Zero target SSA

Zero target SSA

Zero target SSA