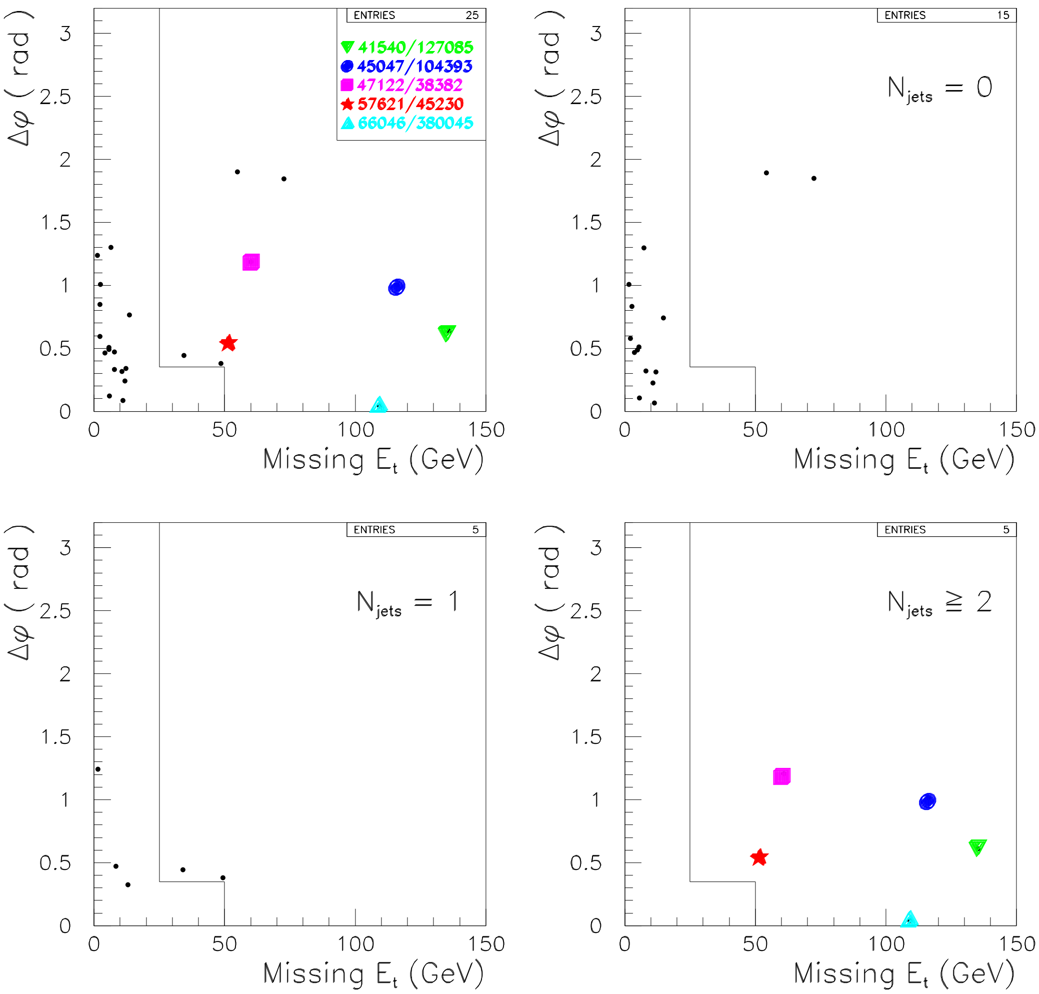
Electron-Muon Data for Run 1A and 1B

$e\mu$ data: $\Delta\varphi$ (MET, lepton or jet) vs Missing E_t



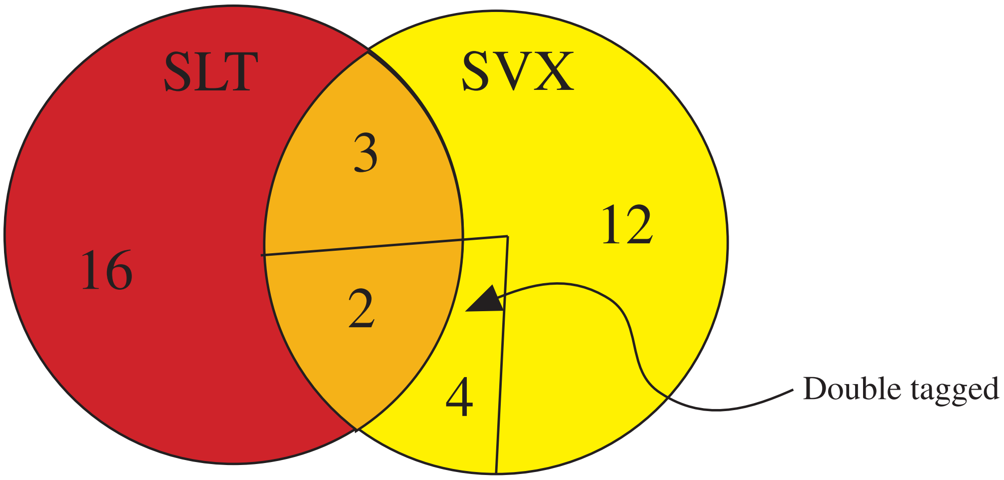
b Quark Tagging in W+Jet Events

Applied these tagging techniques to W+jet events

- The $W+1$ and $W+2$ jet samples are control samples
  - Don't expect significant top contribution
  - Theory predicts low b hadron content

Sample	SVX bkg	SVX tags	SLT bkg	SLT tags
W+1 jet	50 ± 12	40	159 ± 25	163
W+2 jet	21 ± 7	34	46 ± 7	55
W+$\geq$ 3 jet	6.7 ± 2.1	27	15.4 ± 2.3	23

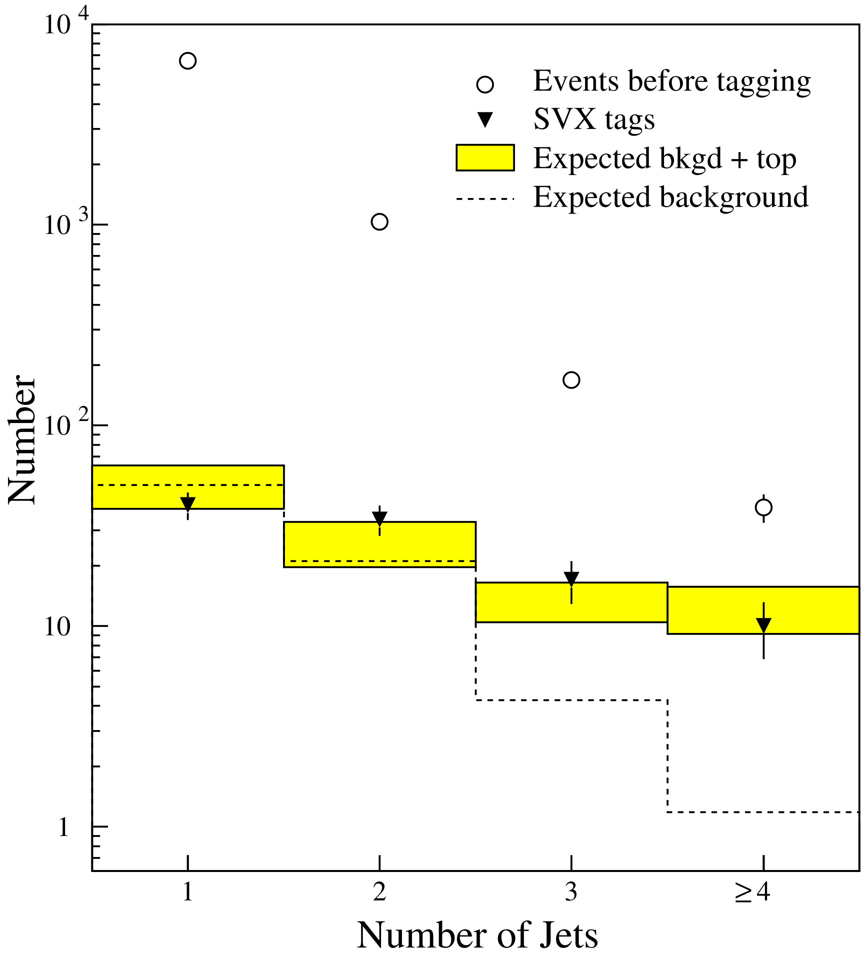
- Probability of background fluctuation is 1×10^{-6}
  - Combining SVX, SLT and DIL channels
- Agrees well with expected rate from $t\bar{t}$ production



SVX Tagging Results

The SVX tagged sample is single most significant observation

- Observe 27 tags when we expect 6.7 ± 2.1 background
- Probability of background fluctuation 2×10^{-5}



Physics Comments

Most interesting immediate result is how heavy top appears to be

- In good agreement with indirect measurements

W Mass vs. Top Mass