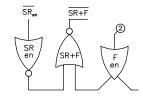
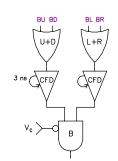


Alternative wiring for  $\overline{SR_{\text{en}}\!+F_{\text{en}}}$  when coincidene unit with level outputs is unavailable



Preferred wiring for Back counter, using single—piece Back scintillator. See note B, and connections above.



Order of timing:

- 1. Delay TM or  $\mathrm{V_{C}}$  to match well at  $\mu_{\mathrm{inc}}$
- 2.  $e_L...e_U$  to match  $V_c$  (bar) (and each other)
- 3.  $V_s$  to make TM- $V_s$  (with  $V_s$  as late as possible)
- 4. Other  $V_{\text{S}}$  to veto  $\Sigma e$  at B ... OR:
- 4B. Other  $V_{\text{c}}$  to veto preferred B (see note B)
- 5. Samp-veto or  $\mu_{\mathrm{inc}}$  to match at GGL
- 6.  $V_{\text{s}}$  for F to match  $V_{\text{c}}$  at F
- 7.  $\mu_{\rm inc}$  fan—out to match  $\mu_{\rm stop}$  prompt peaks of e\_L...e\_U (should already match)

Note A: Autotune using  $\overline{\text{TM}}\cdot V_{\text{S}}$  with no sample present. Otherwise, use  $\mu_{\text{stop}}\cdot \overline{\Sigma}e$ .

Note B: See preferred back counter wiring at left.

Make connections at BU BL BD BR for this.