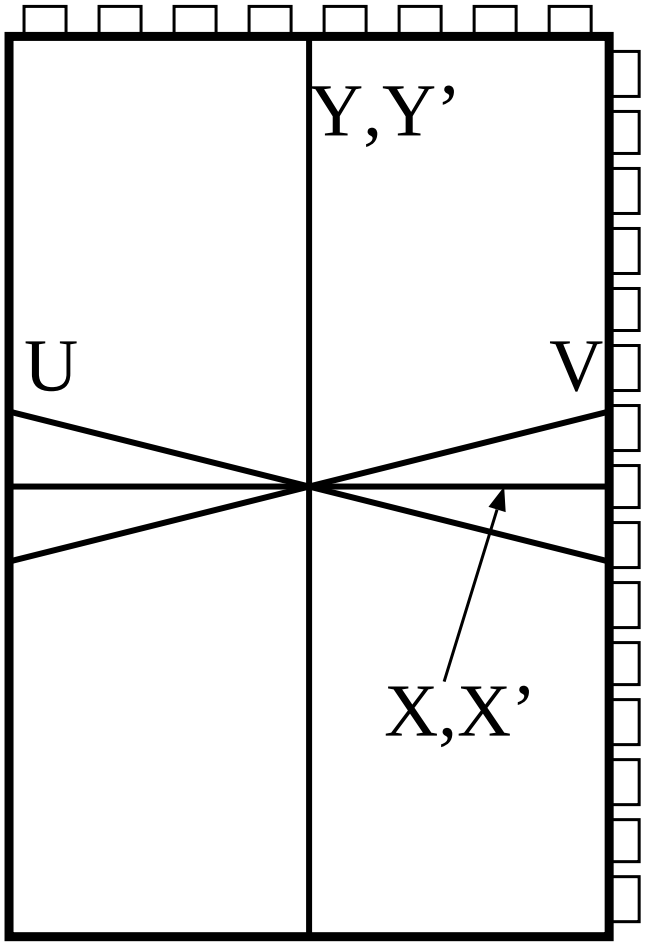
HMS Drift Chambers
(viewed from target)



113 X,X' wires.
107 U,V wires.
52 Y,Y' wires.
1.000252 cm wire spacing.

Wire numbers increase
in the following directions:

??? ⊗ BEAM

	X	Y	U	V	
hdc_alpha_angle=	90	0	75	105	- chamber roll
hdc_beta_angle=	0	0	0	0	- chamber pitch
hdc_gamma_angle=	0	0	0	0	- chamber yaw

This assumes that the roll, pitch and yaw are small enough to be treated independently.

For $\beta = \gamma = 0$: ψ = x sin(α) + y cos(α) = coord. along wire
χ = -x cos(α) + y sin(α) = perpendicular

U plane: