



gv – coordinates

(0,0) = (85,440)

(0,0.3) = (85,655)

(100,0) = (527,440)

(100,0.3) = (527,655)

$x, y \Rightarrow (x-85)/4.42 = \text{Atomic no}$   
 $(y-440)/215 \cdot 0.3 = K_{\beta}/K_{\alpha}$

		$K_{\beta}$	$K_{\alpha}$	$(K_{\alpha})$
Cr	24	5.95	5.41	0.834
Mn	25	6.49	5.89	0.834
Fe	26	7.058	6.40	0.834
Co	27	7.649	6.92	0.879
Ni	28	8.265	7.47	0.879
Cu	29	8.90	8.04	0.880
Zn	30	9.57	8.63	0.878
Rh	45	22.86	20.14	0.828
Pd	46	23.97	21.09	0.827
Sn	50	28.68	25.15	0.823

$x = K_{\beta}/K_{\alpha}$  and  $K_{\beta} + K_{\alpha} = 1$

$\Rightarrow K_{\alpha} = 1/(1+x), K_{\beta} = x/(1+x)$

From gv coordinates to  $K_{\beta}, K_{\alpha}$

$K_{\alpha} = 716.66/(y+276.66), K_{\beta} = 1 - K_{\alpha}$