position	k_x	k_y	k_z	name
0.00000	0.0	0.0	0.0	Γ
0.70711	$1/2$	$1/2$	0.0	X
0.83430	$1/2$	$1/2$	$1/2$	P
0.96947	0.457695	0.457695	1	Γ_3
1.63082	0.0	0.0	1	Z
1.88520	0.0	0.0	0.0	Γ
2.41756	0.0	0.532355	0.0	Γ_1
2.88520	0.467644	0.532355	0.0	Γ_2

Table 1: Default k path chosen by FPLO. $\mathbf{k} = (k_x, k_y, k_z)$ is given in units of the reciprocal lattice vectors.

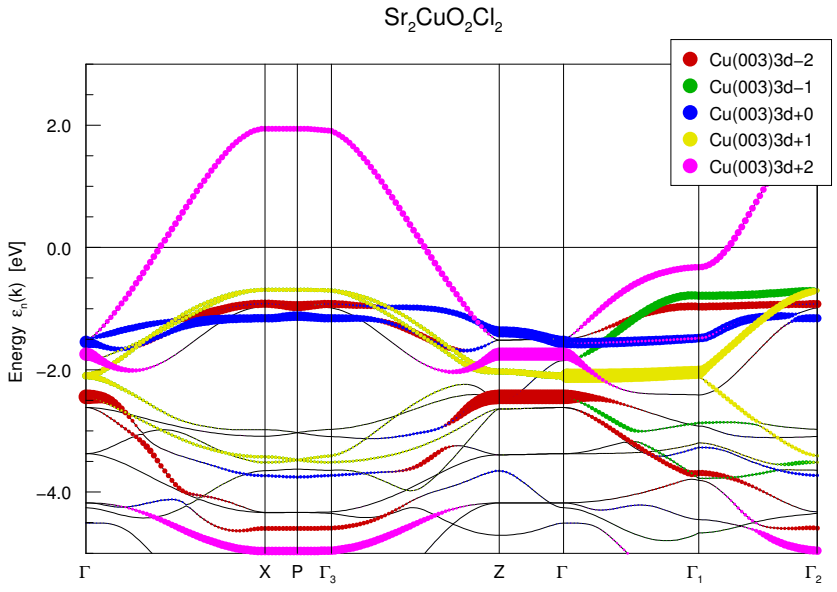

Figure 1: Default FPLO band structure of $Sr_2CuO_2Cl_2$. Correspondence between magnetic quantum number and orbital are: $m = -2$ is d_{xy}, $m = -1$ is d_{yz}, $m = 0$ is d_{z^2}, $m = 1$ is d_{xz}, $m = 2$ is $d_{x^2-y^2}$.