

IVDW = 10	C3 at K	C3 at -K	C3 at Γ	Chern number
14292	$\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	π (\downarrow)	1 (\uparrow)
14291	$-\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	π (\uparrow)	-1 (\downarrow)
14290	$\pi/3$ (\downarrow)	$-\pi/3$ (\uparrow)	π (\uparrow)	-1 (\uparrow)
14289	$-\pi/3$ (\uparrow)	$\pi/3$ (\downarrow)	π (\downarrow)	1 (\downarrow)
IVDW = 4	C3 at K	C3 at -K	C3 at Γ	Chern number
14292	$\pi/3$ (\uparrow)	$-\pi/3$ (\downarrow)	π (\uparrow)	1 (\uparrow)
14291	$-\pi/3$ (\downarrow)	$\pi/3$ (\uparrow)	π (\downarrow)	-1 (\downarrow)
14290	$\pi/3$ (\downarrow)	$-\pi/3$ (\uparrow)	π (\downarrow)	-1 (\uparrow)
14289	$-\pi/3$ (\uparrow)	$\pi/3$ (\downarrow)	π (\uparrow)	1 (\downarrow)