

Type	Particles	Main Decays	E	Q	S	P
Pions	π^+	$\pi^+ \rightarrow \mu\nu$	✓	✓	✓	—
Kaons	K^+, K_S, K_L	$K^+ \rightarrow \mu\nu, K \rightarrow \pi l\nu$	✓	✓	✓	—
Hyperons	$\Lambda, \Sigma^+, \Sigma^-, \Xi^0, \Xi^-, \Omega^-$	$\Lambda \rightarrow p l\nu$	✓	✓	✓	—
Charm	$D^+, D^0, D_s, \Lambda_c, \Xi_c^0, \Xi_c^+$	$D \rightarrow K l\nu, D_s \rightarrow \tau\nu, \Lambda_c \rightarrow \Lambda l\nu$	—	—	✓	✓
Bottom	$B^+, B^0, B_s, \Lambda_b, \dots$	$B \rightarrow D l\nu, \Lambda_b \rightarrow \Lambda_c l\nu$	—	—	—	✓