

Mass spectrum	Process	Veto (GeV)	Categories	Misidentification
$m(\mu_{\text{B}}\mu^{\pm})$	$\phi(1020) \rightarrow \mu\mu$	$ m(\mu_{\text{B}}\mu^{\pm}) - 1.02 > 0.01$	OS	0
	$J/\psi(1\text{S}) \rightarrow \mu\mu$	$ m(\mu_{\text{B}}\mu^{\pm}) - 3.10 > 0.15$	OS	0
	$\psi(2\text{S}) \rightarrow \mu\mu$	$ m(\mu_{\text{B}}\mu^{\pm}) - 3.69 > 0.08$	OS	0
$m(\mu_{\text{B}}\pi^{\mp})$	$J/\psi(1\text{S}) \rightarrow \mu\mu$	$ m(\mu_{\text{B}}\pi^{\mp}) - 3.10 > 0.05$	SS	1 misid. π
	$\text{D}^0 \rightarrow \text{K}\pi$	$ m(\mu_{\text{B}}\pi^{\mp}) - 1.76 > 0.05$	SS	1 misid. μ
$m(\text{e}_{\text{B}}\pi^{\mp})$	$J/\psi(1\text{S}) \rightarrow \text{e}\text{e}$	$ m(\text{e}_{\text{B}}\pi^{\mp}) - 3.10 > 0.05$	SS	1 misid. π
	$\text{D}^0 \rightarrow \text{K}\pi$	$ m(\text{e}_{\text{P}}\pi^{\mp}) - 1.76 > 0.05$	SS	1 misid. e
$m(\mu^{\pm}\pi^{\mp})$	$\text{D}^0 \rightarrow \text{K}\pi$	$ m(\mu^{\pm}\pi^{\mp}) - 1.77 > 0.03$	all	1 misid. μ
$m(\text{e}^{\pm}\pi^{\mp})$	$\text{D}^0 \rightarrow \text{K}\pi$	$ m(\text{e}^{\pm}\pi^{\mp}) - 1.77 > 0.03$	all	1 misid. e