

Component	Yields
$B^+ \rightarrow (D\pi^0)_{D^*}\pi^+, D + \text{random } \pi^0$	103 ± 15
$B^+ \rightarrow (D\gamma)_{D^*}\pi^+, D + \text{random } \pi^0$	86 ± 17
$B^+ \rightarrow (D\pi^0)_{D^*}\pi^+, D + \text{random } \gamma$	330 ± 35
$B^+ \rightarrow (D\gamma)_{D^*}\pi^+, D + \text{random } \gamma$	500 ± 92
$B^+ \rightarrow (D\pi^0)_{D^*}\pi^+, D + \text{correct } \gamma$	923 ± 91
$B^- \rightarrow (D\pi^0)_{D^*}\pi^-, D + \text{random } \pi^0$	102 ± 15
$B^- \rightarrow (D\gamma)_{D^*}\pi^-, D + \text{random } \pi^0$	81 ± 16
$B^- \rightarrow (D\pi^0)_{D^*}\pi^-, D + \text{random } \gamma$	327 ± 35
$B^- \rightarrow (D\gamma)_{D^*}\pi^-, D + \text{random } \gamma$	474 ± 87
$B^- \rightarrow (D\pi^0)_{D^*}\pi^-, D + \text{correct } \gamma$	914 ± 90
$B^+ \rightarrow (D\pi^0)_{D^*}K^+, D + \text{random } \pi^0$	7 ± 1
$B^+ \rightarrow (D\gamma)_{D^*}K^+, D + \text{random } \pi^0$	8 ± 2
$B^+ \rightarrow (D\pi^0)_{D^*}K^+, D + \text{random } \gamma$	22 ± 4
$B^+ \rightarrow (D\gamma)_{D^*}K^+, D + \text{random } \gamma$	44 ± 10
$B^+ \rightarrow (D\pi^0)_{D^*}K^+, D + \text{correct } \gamma$	60 ± 10
$B^- \rightarrow (D\pi^0)_{D^*}K^-, D + \text{random } \pi^0$	7 ± 1
$B^- \rightarrow (D\gamma)_{D^*}K^-, D + \text{random } \pi^0$	6 ± 2
$B^- \rightarrow (D\pi^0)_{D^*}K^-, D + \text{random } \gamma$	22 ± 4
$B^- \rightarrow (D\gamma)_{D^*}K^-, D + \text{random } \gamma$	36 ± 9
$B^- \rightarrow (D\pi^0)_{D^*}K^-, D + \text{correct } \gamma$	60 ± 10