

$Z'(5\text{TeV}) \rightarrow W^+W^- \rightarrow 2 \text{ jets}$

1 - background efficiency

20×20 cm HCAL

5×5 cm HCAL

1×1 cm HCAL

signal efficiency

0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9

0.9

0.8

0.7

0.6

0.5

55-65

55-65

55-65

50-70

50-70

50-70

45-75

45-75

45-75

40-80

40-80

40-80

35-85

35-85

35-85

30-90

30-90

30-90

25-95

25-95

25-95

20-100(GeV)

20-100(GeV)

20-100(GeV)