

	H \rightarrow ZJ/ ψ	H \rightarrow Y(nS)Y(mS)
Trigger	1 muon	Y($\mu^+\mu^-$) + μ
Single muon track (d_{xy}, d_z)	(<2mm, <5mm)	(<3mm, <20cm)
track match	≥ 2 muon stations	≥ 1 muon station
minimum muon p_T	6 GeV	4 GeV
maximum $ \eta $	2.8	2.8
isolation	lead muon	lead muon
Di-muon		
vertex probability	> 1%	> 1%
minimum p_T	5 GeV	5 GeV
mass range	80 - 100 GeV	9.0 - 10.7 GeV
	3.0 - 3.2 GeV	9.0 - 10.7 GeV
Four-muon		
vertex probability	> 1%	> 1%
minimum p_T	–	5 GeV
mass range	112 - 142 GeV	40 - 140 GeV