| Region | Collision system | Muon ID | Trigger |
|--------|------------------|---------|---------|
| Z | pp/pPb/PbPb | Tight | Single muon; $p_T > 12\,\text{GeV}$; decision at HLT |
| J/$\psi$ | pp | Hybrid-soft | Double muon; no $p_T$ requirement; decision at L1 |
| | pPb | Soft | Double muon; no $p_T$ requirement; decision at L1 |
| | PbPb | Hybrid-soft | Double muon; $p_T$, mass, and $\Delta R$ requirements; decision at HLT |