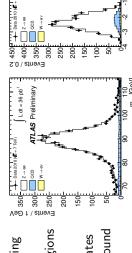
$Z \to \ell \ell$ selection

Single lepton triggers with high efficiency

∫ Ldt = 36 pb¹ ATLAS Preliminary

A7LAS Preliminary

- $p_{T,l} > 20\,GeV$ $|\eta_e| < 2.47, \, |\eta_\mu| < 2.4$ (elec. excl. calo crack) $66 < m_{\ell\ell} < 116\,GeV$ isolated leptons opposite charge
- studying control regions QCD from data fitting $m_{\ell\ell}$ lineshape and in $(iso, m_{\ell\ell})$
 - with $1\!-\!2\%$ background • $\sim 10-12\,K$ candidates



m_™ [GeV]

