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Search for resonances with inclusive Z boson events at large transverse momentum with ATLAS detector

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This project presents a generic search for resonances in a model independent way using production of events with a Z boson with large transverse momentum (p_T) recoiling against other final state X. The Z bosons decay leptonically to $e\bar{e}$ and $\mu\bar{\mu}$ final states with $Z p_T > 100$ GeV. The resonance hunted for could be either X or Y which decays $Z+X$

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