

# Production and thermalisation of isolated sectors

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An increasingly attractive alternative to the WIMP model is that of an ‘isolated’ dark sector - i.e. one which interacts with the standard model only via gravity and which therefore is unbounded by direct detection. We present a possible production mechanism for this sector in the early Universe (Hawking emission from primordial black holes) as well as predictions for the subsequent evolution and ultimate fate of initially highly non-equilibrium populations.

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