

Contents

1	Introduction	1
2	Direct detection with DAMA and COSINUS	3
3	Halo- and model-independent comparison	7
4	Halo-independent comparison for classes of cross sections	9
4.1	Monotonically decreasing cross sections	10
4.2	Momentum-dependent cross sections	13
5	Halo-independent comparison for specific interactions	15
5.1	Spin-independent scattering	15
5.2	Spin-dependent and momentum-dependent scattering	17
5.3	Inelastic scattering	19
6	Conclusions	20
A	Best-fit velocity distribution	22