Type of Dark Matter Model

Visible Sector (VS) Dark Sector (DS) Highly Predictive **VS Models** DS Models multiple requiring SM mixing PMSSM doublets/ Complete PGB Models SIMP NMSSM ELDER FIMP . . . **DS Models VS Models** requiring SM mixing with computed fom Simplified Models **DS Models VS Models** without cosmological without computed fom bounds applied Non-predictive Single Effective Coupling single non-relativistic single relativistic coupling DM-nucleus operators with one mediator

Predictivity of the Scattering Cross-section Strength