

$$M_{V_2} = M_{V^\pm} = M_{V_1} + 100 \text{ GeV}$$
$$M_S = 500 \text{ GeV}, \lambda_L = 0.1, \lambda_{VS} = 0.1$$

Relic Density ($\Omega h_{V_1}^2 + \Omega h_S^2$)

