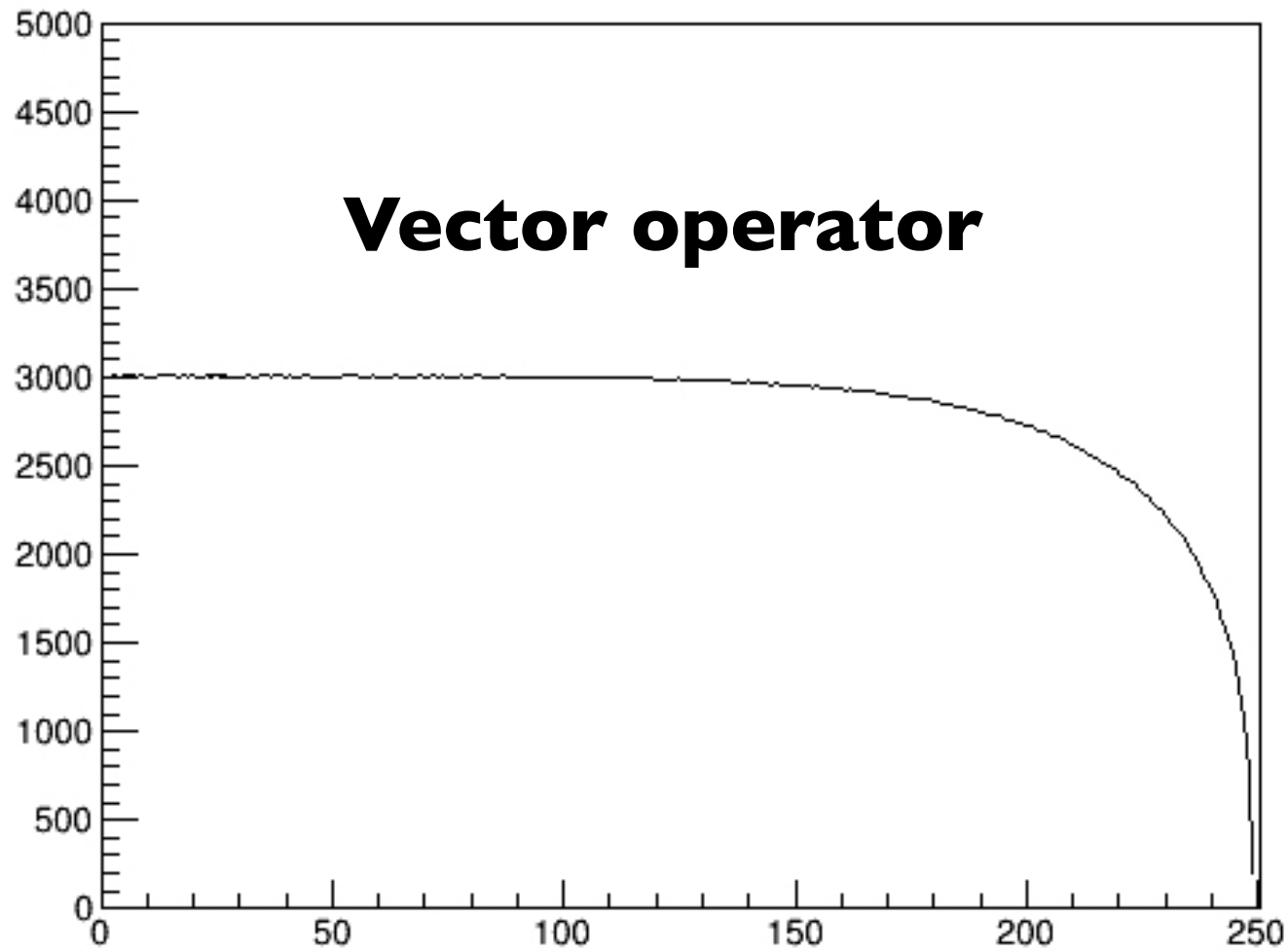
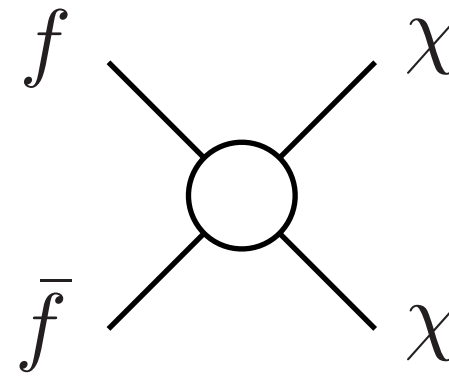


# I5, H20

## Vector operator

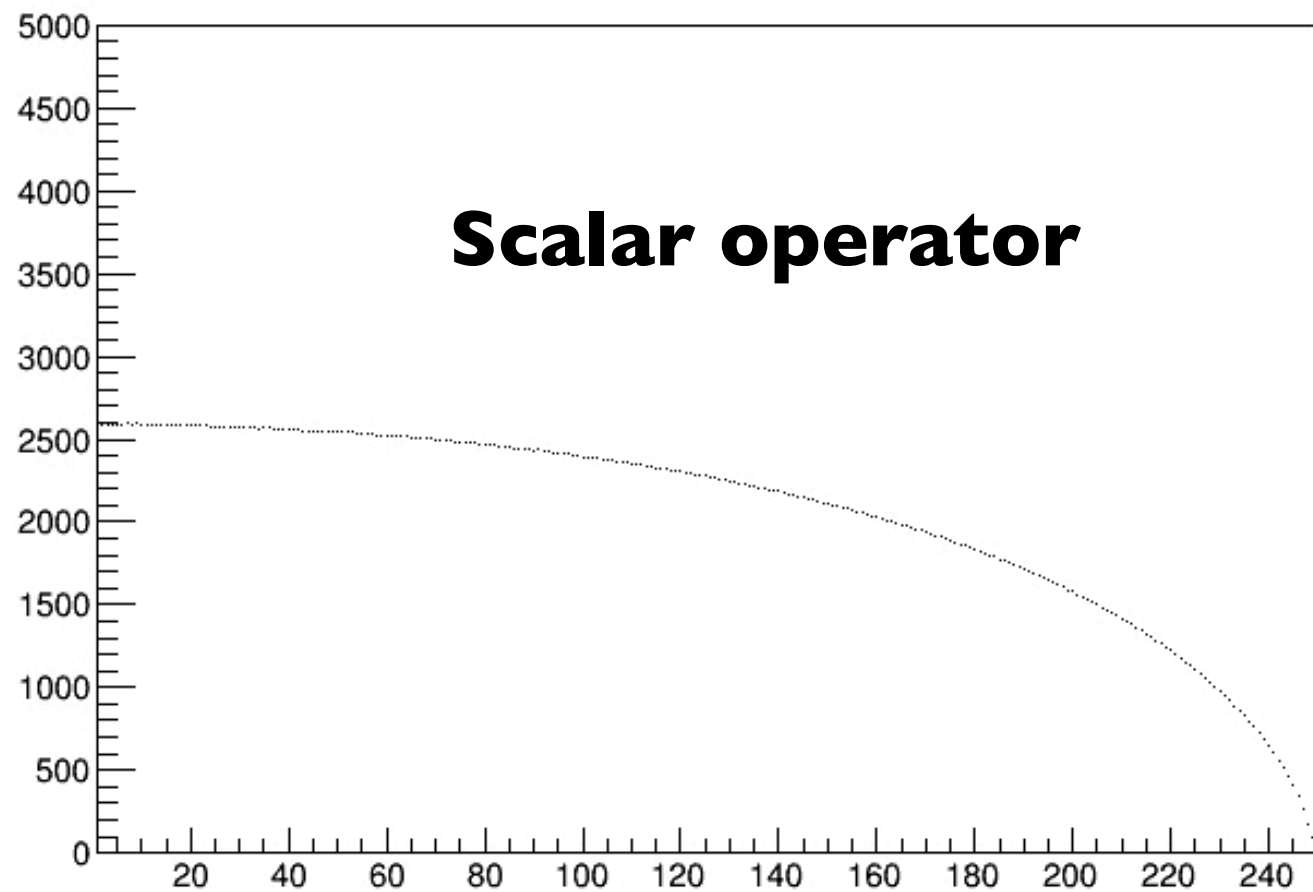


$$\mathcal{L}^{\text{eff}} = \frac{1}{\Lambda^2} (\bar{f}\Gamma f) (\chi\Gamma\chi)$$

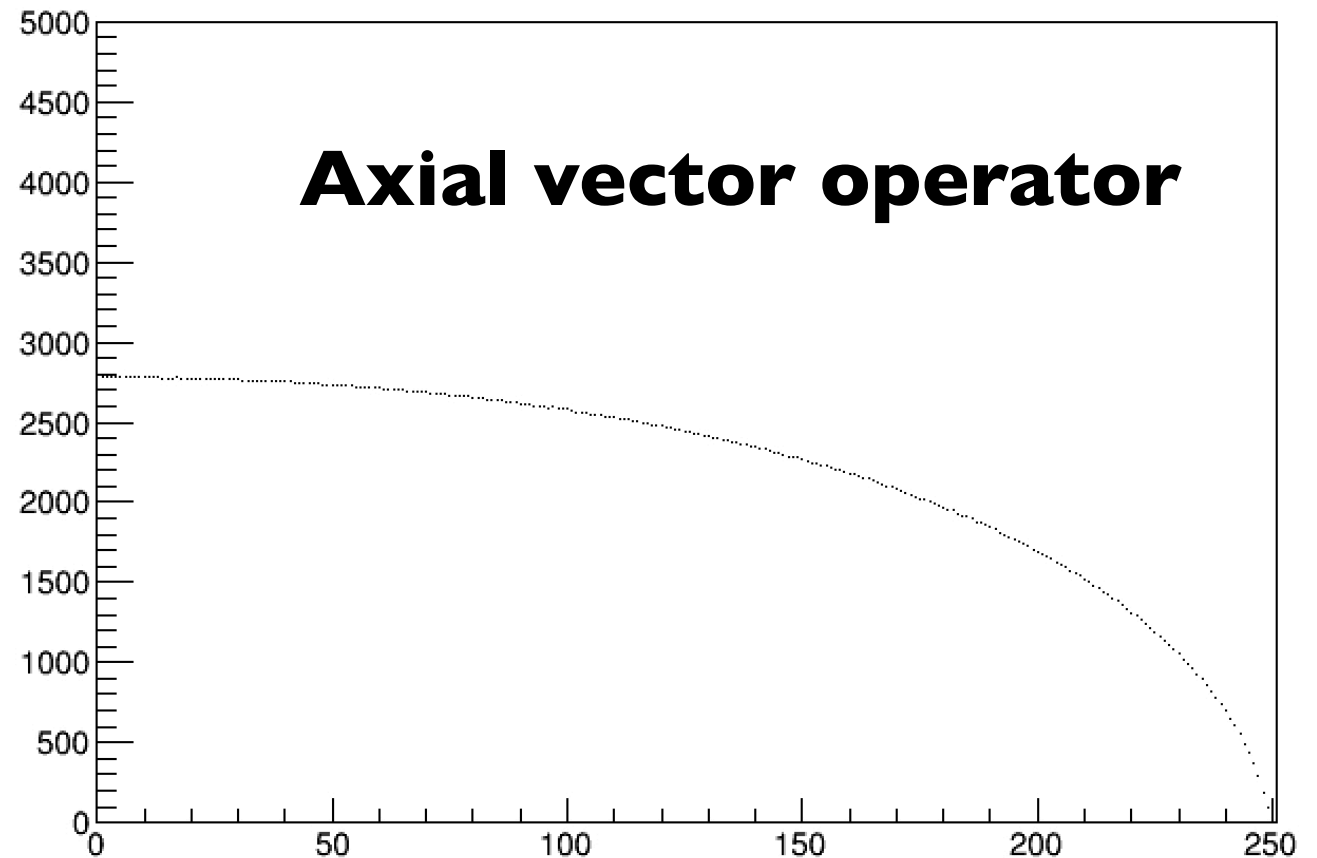


$$\Gamma = \begin{cases} 1 \\ \gamma^\mu \\ \gamma^5 \gamma^\mu \end{cases}$$

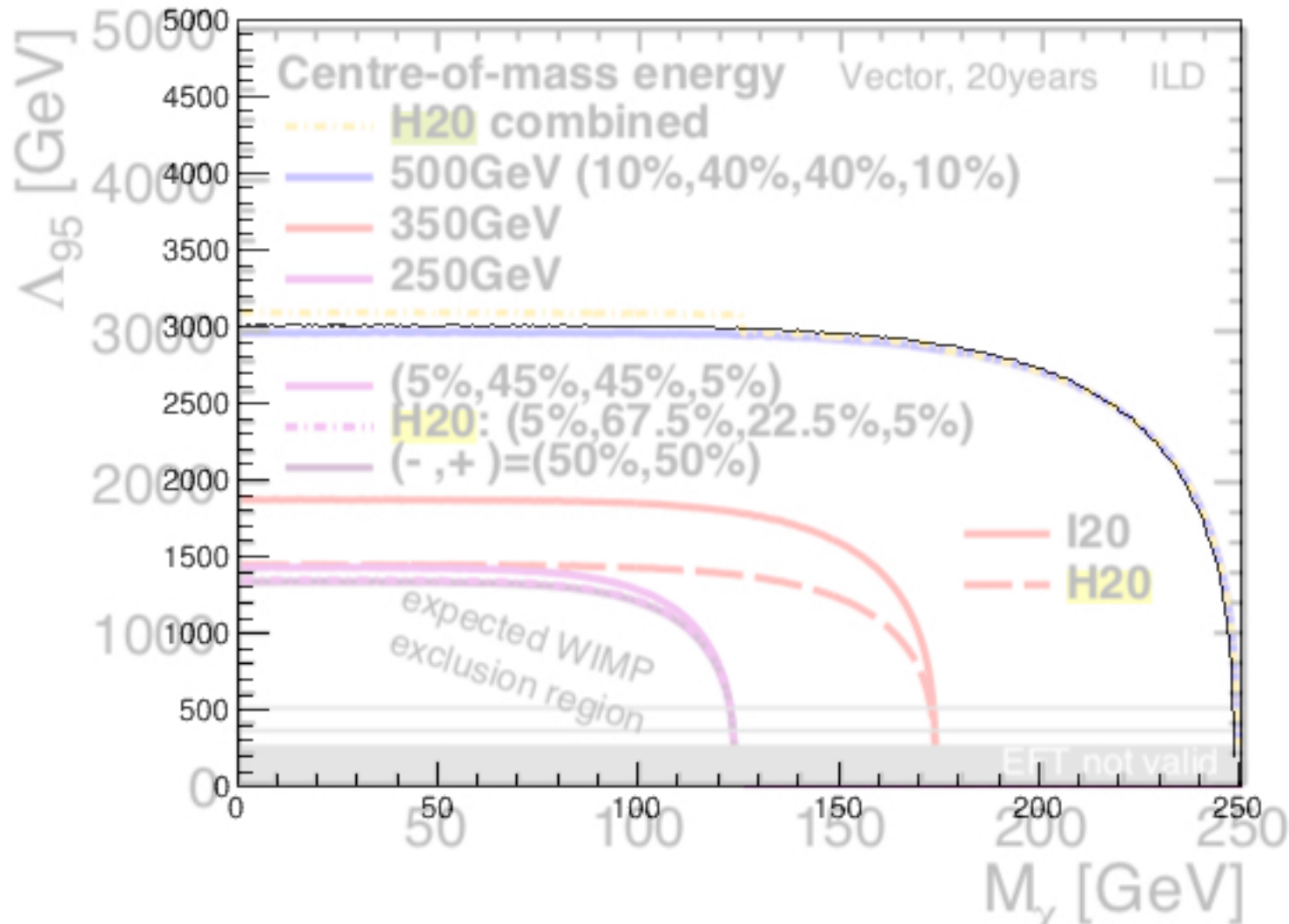
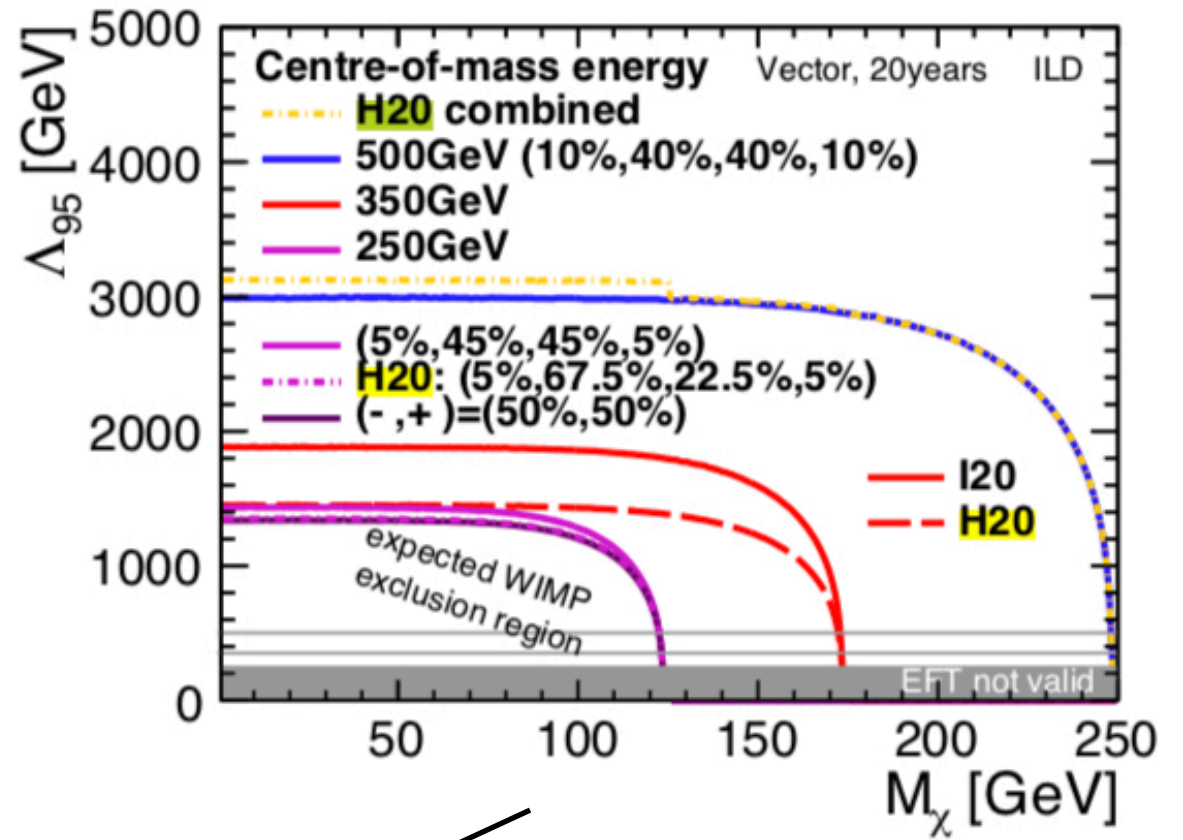
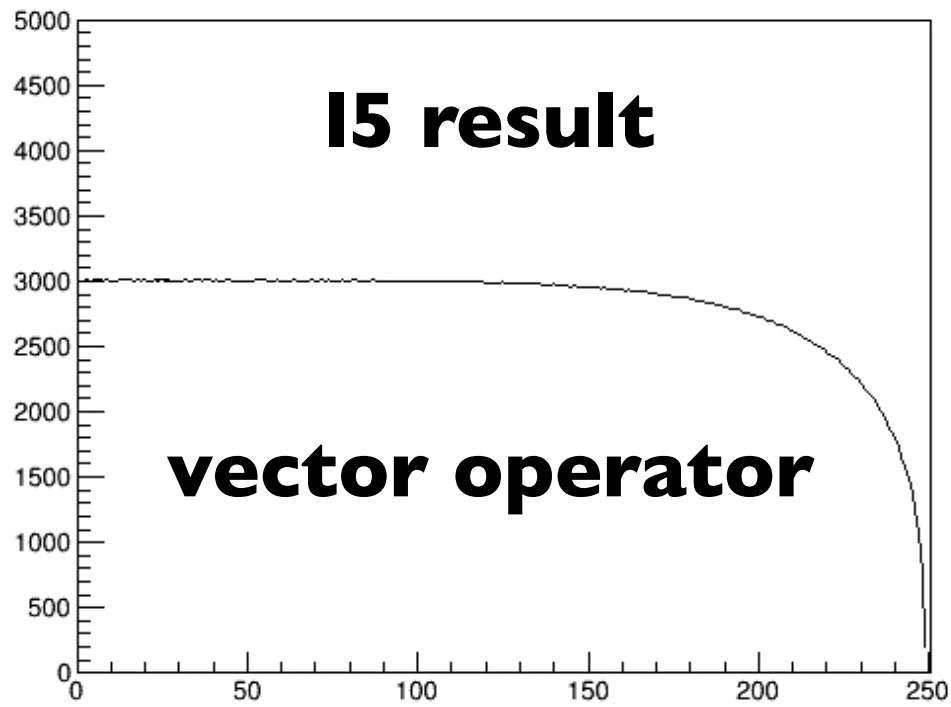
## Scalar operator



## Axial vector operator



$\chi$ mass [GeV]



**Fig.8.5**

**Looks consistent!**