

ChF selection criterion	data prediction	observed	SIMP signal [ $m_\chi$ ]	
			1 GeV	1000 GeV
$< 0.2$	$898 \pm 30$ (stat.) $\pm 33$ (syst.)	969	$1300 \pm 58$	$2.25 \pm 0.07$
$< 0.15$	$209 \pm 10$ (stat.) $\pm 17$ (syst.)	229	$1269 \pm 57$	$2.18 \pm 0.07$
$< 0.1$	$26.6 \pm 2.2$ (stat.) $\pm 9.3$ (syst.)	30	$1197 \pm 56$	$2.09 \pm 0.07$
$< 0.07$	$5.1 \pm 0.6$ (stat.) $\pm 4.1$ (syst.)	4	$1153 \pm 55$	$2.00 \pm 0.07$
$< 0.05$	$1.28 \pm 0.22$ (stat.) $+^{3.40}_{-1.28}$ (syst.)	0	$1101 \pm 53$	$1.90 \pm 0.06$