

62.4 fb⁻¹ (13.6 TeV)

CMS

Scenario A ($m_{\tilde{\pi}_3} = 7.5$ GeV, $m_{A'} = 2.5$ GeV)

- Observed
- - - Expected
- 95% CL expected
- 68% CL expected
- JHEP 03 (2026) 189

95% CL upper limit on $B(H \rightarrow \psi\bar{\psi})$

10⁻²

10⁻¹

10⁰

10¹

10²

$c\tau_0^{A'}$ [cm]

