

⟨Personal image of the Higgs section in the next edition (K.Hikasa)⟩

Higgs Bosons (S055) Listings

H^0 or $X^0(126000)$ (New Section) — Naming should be discussed

The properties of this particle are consistent with being the Higgs boson predicted in the Standard Model.

Spin: 0, 2 or higher (spin 1 is excluded by $\gamma\gamma$)

Mass: $126.\pm$

Decay Modes:

$\gamma\gamma$ seen

ZZ seen

...

$\sigma \cdot B$ relative to $(\sigma \cdot B)_{SM}$

...

STANDARD MODEL H^0 (Higgs Boson) MASS LIMITS

(Existing and new search results: exclusions – stays for a while)