# $\Omega_c(3065)^0$

$I(J^P) = ?(?^?)$ Status: ***

## $\Omega_c(3065)^0$ MASS

| *VALUE* (MeV) | *EVTS* | *DOCUMENT ID* | | *TECN* | *COMMENT* |
|---|---|---|---|---|---|
| **3065.6±0.1±0.3±0.3** | 1.74k | [1] AAIJ | 17AH | LHCB | $pp$ at 7, 8, 13 TeV |

[1] The third error is the uncertainty on the $\Xi_c^+$ mass. (AAIJ 17AH gave $^{+0.3}_{-0.5}$ MeV here, but as of 2018 it is ±0.3.)

## $\Omega_c(3065)^0$ WIDTH

| *VALUE* (MeV) | *EVTS* | *DOCUMENT ID* | | *TECN* | *COMMENT* |
|---|---|---|---|---|---|
| **3.5±0.4±0.2** | 1.74k | AAIJ | 17AH | LHCB | $pp$ at 7, 8, 13 TeV |

## $\Omega_c(3065)^0$ DECAY MODES

| | Mode | Fraction ($\Gamma_i/\Gamma$) |
|---|---|---|
| $\Gamma_1$ | $\Xi_c^+ K^-$ | seen |

## $\Omega_c(3065)^0$ BRANCHING RATIOS

**$\Gamma(\Xi_c^+ K^-)/\Gamma_{total}$** **$\Gamma_1/\Gamma$**

| *VALUE* | *DOCUMENT ID* | | *TECN* | *COMMENT* |
|---|---|---|---|---|
| **seen** | AAIJ | 17AH | LHCB | $pp$ at 7, 8, 13 TeV |

## $\Omega_c(3065)^0$ REFERENCES

AAIJ 17AH PRL 118 182001 R. Aaij *et al.* (LHCb Collab.)