

$\Xi_c(2923)$

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

OMITTED FROM SUMMARY TABLE

$\Xi_c(2923)$ MASSES

$\Xi_c(2923)^0$ MASS

| VALUE (MeV) | EVTS | DOCUMENT ID | TECN | COMMENT |
|------------------------------|------|-------------------|----------|---------------------|
| 2923.04 ± 0.25 ± 0.24 | 5.4k | ¹ AAIJ | 20X LHCB | <i>pp</i> at 13 TeV |

¹ AAIJ 20X reports 2923.04 ± 0.25 ± 0.20 ± 0.14 MeV where the last uncertainty is due to the Λ_c^+ mass.

$\Xi_c(2923)$ WIDTHS

$\Xi_c(2923)^0$ WIDTH

| VALUE (MeV) | EVTS | DOCUMENT ID | TECN | COMMENT |
|------------------------|------|-------------|----------|---------------------|
| 7.1 ± 0.8 ± 1.8 | 5.4k | AAIJ | 20X LHCB | <i>pp</i> at 13 TeV |

$\Xi_c(2923)$ DECAY MODES

| Mode | Fraction (Γ_i/Γ) |
|----------------------------|--------------------------------|
| $\Gamma_1 \Lambda_c^+ K^-$ | seen |

$\Xi_c(2923)$ BRANCHING RATIOS

| $\Gamma(\Lambda_c^+ K^-)/\Gamma_{\text{total}}$ | Γ_1/Γ | | | |
|---|-------------------|-------------|----------|---------------------|
| VALUE | EVTS | DOCUMENT ID | TECN | COMMENT |
| seen | 5.4k | AAIJ | 20X LHCB | <i>pp</i> at 13 TeV |

$\Xi_c(2923)$ REFERENCES

AAIJ 20X PRL 124 222001 R. Aaij *et al.* (LHCb Collab.)