$\Lambda(2050)\ 3/2^-$

$I(J^P) = 0(\frac{3}{2}^-)$ Status: *

OMITTED FROM SUMMARY TABLE

$\Lambda(2050)$ MASS

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
2056±22	ZHANG	13A	DPWA	Multichannel

$\Lambda(2050)$ WIDTH

VALUE (MeV)	*DOCUMENT ID*		*TECN*	*COMMENT*
493±61	ZHANG	13A	DPWA	Multichannel

$\Lambda(2050)$ DECAY MODES

	Mode	Fraction (Γ_i/Γ)
Γ_1	$N\overline{K}$	(19 ±4) %
Γ_2	$\Sigma\pi$	(6.0±3.0) %
Γ_3	$\Sigma^*(1385)\pi$, S-wave	(8 ±6) %
Γ_4	$\Sigma^*(1385)\pi$, D-wave	(4.0±3.0) %
Γ_5	$N\overline{K}^*(892)$, S=1/2	(23 ±7) %

$\Lambda(2050)$ BRANCHING RATIOS

$\Gamma(N\overline{K})/\Gamma_{total}$ Γ_1/Γ

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
0.19±0.04	ZHANG	13A	DPWA	Multichannel

$\Gamma(\Sigma\pi)/\Gamma_{total}$ Γ_2/Γ

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
0.06±0.03	ZHANG	13A	DPWA	Multichannel

$\Gamma(\Sigma^*(1385)\pi, S\text{-wave})/\Gamma_{total}$ Γ_3/Γ

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
0.08±0.06	ZHANG	13A	DPWA	Multichannel

$\Gamma(\Sigma^*(1385)\pi, D\text{-wave})/\Gamma_{total}$ Γ_4/Γ

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
0.04±0.03	ZHANG	13A	DPWA	Multichannel

$\Gamma(N\overline{K}^*(892), S{=}1/2)/\Gamma_{total}$ Γ_5/Γ

VALUE	*DOCUMENT ID*		*TECN*	*COMMENT*
0.23±0.07	ZHANG	13A	DPWA	Multichannel

Λ(2050) REFERENCES

ZHANG 13A PR C88 035205 H. Zhang *et al.* (KSU)