Σ (1940) 3/2 $^+$

 $I(J^P) = 1(\frac{3}{2}^+)$ Status: *

OMITTED FROM SUMMARY TABLE

	Σ(1940) MA	SS				
VALUE (MeV)	DOCUMENT ID		TFCN	COMMENT		
1941±18	ZHANG			Multichannel		
	Λ(1945) WID	ТН				
VALUE (MeV)	DOCUMENT ID		TECN	COMMENT		
400±49	ZHANG	13A	DPWA	Multichannel		
Σ	(1940) DECAY I	MOD	ES			
Mode		Fraction (Γ_i/Γ)				
$\Gamma_1 N\overline{K}$	(13.0±2.0) %					
$\Gamma_2 \qquad \Sigma \pi$	(4.0±2.0) %					
Γ_3 $\Sigma(1385)\pi$, <i>P</i> -wave	(22 ±7)%					
Γ_4 $\Lambda(1520)\pi$, <i>S</i> -wave		(5.0	±2.0) %			
Σ(19	40) BRANCHIN	G RA	TIOS			
$\Gamma(N\overline{K})/\Gamma_{\text{total}}$					Γ ₁ /Γ	
VALUE	DOCUMENT ID					
0.13 ± 0.02	ZHANG	13A	DPWA	Multichannel		
$\Gamma(\Sigma\pi)/\Gamma_{total}$					Γ_2/Γ	
VALUE	DOCUMENT ID		TECN	COMMENT		
0.04 ± 0.02	ZHANG	13A	DPWA	${\sf Multichannel}$		
$\Gamma(\Sigma(1385)\pi, P\text{-wave})/\Gamma_{\text{total}}$			TECN	COMMENT	Г ₃ /Г	
<u>VALUE</u> 0.22±0.07	<u>DOCUMENT ID</u> ZHANG			Multichannel		
0.22 ± 0.01	ZHANG	134	DIWA	Multichanner		
$\Gamma(\Lambda(1520)\pi, S\text{-wave})/\Gamma_{\text{total}}$	DOCUMENT ID		TECN	COMMENT	Γ4/Γ	
0.05±0.02	ZHANG			Multichannel		
	-(1040) DECED	-N/CF				
2	(1940) REFERI	ENCE	:5			
ZHANG 13A PR C88 035205	H. Zhang et a	ıl.			(KSU)	

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