

$\Sigma(1900) 1/2^-$  $I(J^P) = 1(\frac{1}{2}^-)$  Status: \*

OMITTED FROM SUMMARY TABLE

 **$\Sigma(1900)$  MASS**

| <u>VALUE (MeV)</u> | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>COMMENT</u> |
|--------------------|--------------------|-------------|----------------|
| <b>1900±21</b>     | ZHANG              | 13A DPWA    | Multichannel   |

 **$\Lambda(1900)$  WIDTH**

| <u>VALUE (MeV)</u> | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>COMMENT</u> |
|--------------------|--------------------|-------------|----------------|
| <b>191±47</b>      | ZHANG              | 13A DPWA    | Multichannel   |

 **$\Sigma(1900)$  DECAY MODES**

| Mode                       | Fraction ( $\Gamma_i/\Gamma$ ) |
|----------------------------|--------------------------------|
| $\Gamma_1 \quad N\bar{K}$  | (67±17) %                      |
| $\Gamma_2 \quad \Sigma\pi$ | (10±5) %                       |

 **$\Sigma(1900)$  BRANCHING RATIOS**

| $\Gamma(N\bar{K})/\Gamma_{\text{total}}$ | $\Gamma_1/\Gamma$  |             |                |
|--|--------------------|-------------|----------------|
| <u>VALUE</u>                             | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>COMMENT</u> |
| <b>0.67±0.17</b>                         | ZHANG              | 13A DPWA    | Multichannel   |

| $\Gamma(\Sigma\pi)/\Gamma_{\text{total}}$ | $\Gamma_2/\Gamma$  |             |                |
|---|--------------------|-------------|----------------|
| <u>VALUE</u>                              | <u>DOCUMENT ID</u> | <u>TECN</u> | <u>COMMENT</u> |
| <b>0.10±0.05</b>                          | ZHANG              | 13A DPWA    | Multichannel   |

 **$\Sigma(1900)$  REFERENCES**

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