

$\Sigma(3000)$ Bumps

$I(J^P) = 1(?^?)$ Status: *

OMITTED FROM SUMMARY TABLE

Seen as an enhancement in $\Lambda\pi$ and $\bar{K}N$ invariant mass spectra and in the missing mass of neutrals recoiling against a K^0 .

$\Sigma(3000)$ MASS

<u>VALUE (MeV)</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>CHG</u>	<u>COMMENT</u>
≈ 3000 OUR ESTIMATE				
3000	EHRlich	66	HBC	0 $\pi^- p$ 7.91 GeV/c

$\Sigma(3000)$ DECAY MODES

Mode
$\Gamma_1 \quad N\bar{K}$
$\Gamma_2 \quad \Lambda\pi$

$\Sigma(3000)$ REFERENCES

EHRlich	66	PR 152 1194	R. Ehrlich, W. Selove, H. Yuta	(PENN) I
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