

$\Sigma(3000)$ Bumps

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

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

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

$\Sigma(3000)$ DECAY MODES	
Mode	
Γ_1	$N\overline{K}$
Γ_2	$\Lambda\pi$

$\Sigma(3000)$ REFERENCES					
EHRlich	66	PR 152 1194	R. Ehrlich, W. Selove, H. Yuta	(PENN) I	