

$\Omega(2380)^-$

Status: **

OMITTED FROM SUMMARY TABLE

 $\Omega(2380)^-$ MASS

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
≈ 2380 OUR ESTIMATE				
$2384 \pm 9 \pm 8$	45	BIAGI	86B SPEC	SPS Ξ^- beam

 $\Omega(2380)^-$ WIDTH

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
26 ± 23	45	BIAGI	86B SPEC	SPS Ξ^- beam

 $\Omega(2380)^-$ DECAY MODES

Mode
$\Gamma_1 \quad \Xi^- \pi^+ K^-$
$\Gamma_2 \quad \Xi(1530)^0 K^-$
$\Gamma_3 \quad \Xi^- \bar{K}^*(892)^0$

 $\Omega(2380)^-$ BRANCHING RATIOS

$\Gamma(\Xi(1530)^0 K^-) / \Gamma(\Xi^- \pi^+ K^-)$					Γ_2 / Γ_1
VALUE	CL%	EVTS	DOCUMENT ID	TECN	COMMENT
< 0.44	90	9	BIAGI	86B SPEC	Ξ^- Be 116 GeV/c

$\Gamma(\Xi^- \bar{K}^*(892)^0) / \Gamma(\Xi^- \pi^+ K^-)$					Γ_3 / Γ_1
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT	
0.5 ± 0.3	21	BIAGI	86B SPEC	Ξ^- Be 116 GeV/c	

 $\Omega(2380)^-$ REFERENCES

BIAGI 86B ZPHY C31 33 + (LOQM, GEVA, RAL, HEIDP, LAUS, BRIS, CERN)