

$\Omega(2380)^-$

Status: **

OMITTED FROM SUMMARY TABLE

$\Omega(2380)^-$ MASS

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

$\Omega(2380)^-$ WIDTH

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

$\Omega(2380)^-$ DECAY MODES

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

$\Omega(2380)^-$ 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	S.F. Biagi <i>et al.</i>	(LOQM, GEVA, RAL+)
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