

$\Omega(2380)^-$

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	Fraction (Γ_i/Γ)
Γ_1 $\Xi^- \pi^+ K^-$	
Γ_2 $\Xi(1530)^0 K^-$	seen
Γ_3 $\Xi^- \bar{K}^*(892)^0$	

 $\Omega(2380)^-$ 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 *et al.* (LOQM, GEVA, RAL+)