NODE=B142

$\Omega(2380)^-$

Status: ∗∗

OMITTED FROM SUMMARY TABLE

$\Omega(2380)^-$ MASS

NODE=B142M

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

NODE=B142M
→ UNCHECKED ←

$\Omega(2380)^-$ WIDTH

NODE=B142W

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

NODE=B142W

$\Omega(2380)^-$ DECAY MODES

NODE=B142215;NODE=B142

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

DESIG=1
DESIG=2;OUR EST
DESIG=3

$\Omega(2380)^-$ BRANCHING RATIOS

NODE=B142220

$\Gamma(\Xi(1530)^0 K^-)/\Gamma(\Xi^- \pi^+ K^-)$ — Γ_2/Γ_1

NODE=B142R1
NODE=B142R1

VALUE	CL%	EVTS	DOCUMENT ID		TECN	COMMENT
<0.44	90	9	BIAGI	86B	SPEC	Ξ^- Be 116 GeV/c

$\Gamma(\Xi^- \overline{K}^*(892)^0)/\Gamma(\Xi^- \pi^+ K^-)$ — Γ_3/Γ_1

NODE=B142R2
NODE=B142R2

VALUE	EVTS	DOCUMENT ID		TECN	COMMENT
0.5±0.3	21	BIAGI	86B	SPEC	Ξ^- Be 116 GeV/c

$\Omega(2380)^-$ REFERENCES

NODE=B142

BIAGI 86B ZPHY C31 33 S.F. Biagi *et al.* (LOQM, GEVA, RAL+)

REFID=40340