NODE=B141

$\Omega(2250)^-$

$I(J^P) = 0(?^?)$ Status: ***

$\Omega(2250)^-$ MASS

NODE=B141M

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
2252± 9 OUR AVERAGE					
2253±13	44	ASTON	87B	LASS	K^-p 11 GeV/c
2251± 9±8	78	BIAGI	86B	SPEC	SPS Ξ^- beam

NODE=B141M

$\Omega(2250)^-$ WIDTH

NODE=B141W

VALUE (MeV)	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
55±18 OUR AVERAGE					
81±38	44	ASTON	87B	LASS	K^-p 11 GeV/c
48±20	78	BIAGI	86B	SPEC	SPS Ξ^- beam

NODE=B141W

$\Omega(2250)^-$ DECAY MODES

NODE=B141215;NODE=B141

	Mode	Fraction (Γ_i/Γ)	
Γ_1	$\Xi^-\pi^+K^-$	seen	DESIG=1;OUR EST
Γ_2	$\Xi(1530)^0K^-$	seen	DESIG=2;OUR EST

$\Omega(2250)^-$ BRANCHING RATIOS

NODE=B141220

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

NODE=B141R1

VALUE	*EVTS*	*DOCUMENT ID*		*TECN*	*COMMENT*
∼ 1.0	44	ASTON	87B	LASS	K^-p 11 GeV/c
0.70±0.20	49	BIAGI	86B	SPEC	Ξ^- Be 116 GeV/c

NODE=B141R1

$\Omega(2250)^-$ REFERENCES

NODE=B141

ASTON	87B	PL B194 579	D. Aston *et al.*	(SLAC, NAGO, CINC, INUS)
BIAGI	86B	ZPHY C31 33	S.F. Biagi *et al.*	(LOQM, GEVA, RAL+)

REFID=40341
REFID=40340