

$\Omega(2250)^-$

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

$\Omega(2250)^-$ MASS

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

$\Omega(2250)^-$ WIDTH

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

$\Omega(2250)^-$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \quad \Xi^- \pi^+ K^-$	seen
$\Gamma_2 \quad \Xi(1530)^0 K^-$	seen

$\Omega(2250)^-$ BRANCHING RATIOS

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

$\Omega(2250)^-$ REFERENCES

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