

$\Omega(2250)^-$ $I(J^P) = 0(?^?)$ 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+) |