

Ω(2380)⁻

Status: **

OMITTED FROM SUMMARY TABLE

Ω(2380)⁻ MASS

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

Ω(2380)⁻ WIDTH

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

Ω(2380)⁻ DECAY MODES

| Mode | Fraction (Γ _{<i>i</i>} /Γ) |
|---|-------------------------------------|
| Γ ₁ Ξ ⁻ π ⁺ K ⁻ | |
| Γ ₂ Ξ(1530) ⁰ K ⁻ | seen |
| Γ ₃ Ξ ⁻ K [*] (892) ⁰ | |

Ω(2380)⁻ BRANCHING RATIOS

| Γ(Ξ(1530)⁰ K⁻)/Γ(Ξ⁻ π⁺ K⁻) | | | | | | Γ₂/Γ₁ |
|--|-----|------|-------------|----------|-----------------------------|------------------------------------|
| VALUE | CL% | EVTS | DOCUMENT ID | TECN | COMMENT | |
| <0.44 | 90 | 9 | BIAGI | 86B SPEC | Ξ ⁻ Be 116 GeV/c | |

| Γ(Ξ⁻ K[*](892)⁰)/Γ(Ξ⁻ π⁺ K⁻) | | | | | | Γ₃/Γ₁ |
|---|------|-------------|----------|-----------------------------|--|------------------------------------|
| VALUE | EVTS | DOCUMENT ID | TECN | COMMENT | | |
| 0.5 ± 0.3 | 21 | BIAGI | 86B SPEC | Ξ ⁻ Be 116 GeV/c | | |

Ω(2380)⁻ REFERENCES

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