Matter-Sector Coupling: Profile Likelihood

Legend (left panel):
- ΛCDM: $\chi^2 = 38.3$
- IAM
- Best fit: $\beta_m = 0.157$
- 68% CL
- 95% CL

$\Delta\chi^2 = 30.0$
(5.5σ)

Left panel axes: χ^2 vs β_m

Right panel axes: $\Delta\chi^2$ from Minimum vs Matter-Sector Coupling β_m

Legend (right panel):
- $\Delta\chi^2 = 1$ (1σ)
- $\Delta\chi^2 = 4$ (2σ)
- $\Delta\chi^2 = 9$ (3σ)