Transfer Functions: n=4, m=1 GeV
CLASS Models with COZMIC Reference Cross-sections

$T^2(k) = P_{\mathrm{IDM}}(k)/P_{\mathrm{CDM}}(k)$

Wavenumber k [Mpc^{-1}]

h = 0.7, T²_half = 0.25
All k in Mpc^{-1} (converted from h/Mpc)
Total CLASS models: 6
Reference models found: 3/3
WDM 5.9 keV: k_half=50.8 Mpc^{-1}
WDM 6.5 keV: k_half=51.7 Mpc^{-1}

=== WDM CONSTRAINTS ===
5.9 keV WDM
k_half=50.8 Mpc^{-1}
6.5 keV WDM
k_half=51.7 Mpc^{-1}

=== COZMIC REFERENCE MODELS ===
halfmode: σ=8.60×10^{-19} cm²
k_half=57.4 Mpc^{-1}
middle: σ=2.10×10^{-17} cm²
k_half=23.2 Mpc^{-1}

envelope: σ=2.80×10^{-16} cm²
k_half=11.1 Mpc^{-1}

=== OTHER CLASS MODELS ===
6 models total
σ=8.60×10^{-19} cm² - 2.80×10^{-16} cm²

Half-mode: T²=0.25
CDM (T²=1)