1_GR VS 4_Des_mc5e_turning_point_1 comparison of transfer functions **CDM** 10⁸ 10³ 10² $\begin{array}{ccc}
10^{2} & (\%)(\%)(\%)(\%) \\
10^{0} & 10^{-1} & \% \\
10^{-2} & 7
\end{array}$ 10⁷ 10⁰ $\frac{2}{3}$ 10⁶ 10⁵ 10⁻³ 10⁴ 10⁻¹ 10⁻² 10⁻⁴ baryons 10³ 10⁸ 10² $\begin{array}{ccc}
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 10^{-$ 10⁷ 10⁶ 10⁵ 10⁻³ 10⁴ 10-4 10⁻³ 10-1 10⁰ 10-4 10⁻³ 10⁻² 10-1 10⁻² photons 10³ 10² $\begin{array}{ccc}
 10^{2} & (\%)(x)L/(x)L\\
 10^{0} & 10^{-1} & 10^{-2}
 \end{array}$ 10⁻³ 10⁻¹ 10⁻² 10-4 10⁻³ 10⁻² 10⁻¹ massless neutrinos 10³ 10² 10¹ 10⁰ 10-1 10⁻² 10⁻³ 10-4 10⁻² $\overline{10^{-1}}$ 10⁰ 10-1 10⁻² 10⁻⁴ 10⁻³ 10⁻³ massive neutrinos 10³ 10⁸ 10⁷ 10² 10¹ 10⁶ 10⁰ $(x)^{10^{5}}$ 10⁴ 10-1 10⁻² 10³ 10⁻³ 10² 10⁻¹ 10⁻² 10⁻¹ 10⁻² CDM+baryons+massive neutrinos 10³ 10² 10⁷ 10¹ 10° € 10⁶ $10^{-1} \stackrel{(2)}{\cancel{2}} 10^{-2} \stackrel{(3)}{\cancel{2}}$ 10⁵ 10⁻³ 10⁴ 10-4 10⁻³ 10-4 10⁻³ $\overline{10^{-1}}$ 10-1 10⁻² 10⁻² 10° CDM+baryons 10⁸ 10³ 10² $10^{2} (\%)(\%) / (10^{-1} \text{ M})^{-2} \nabla$ $10^{-1} \sqrt{10^{-2}} \sqrt{10^{-2}} \sqrt{10^{-2}}$ 10⁷ (3) 10⁶ 10⁵ 10-2 10⁻³ 10⁴ 10-4 10⁻³ 10-1 10⁻² 10-4 10⁻¹ 10⁻³ 10⁻² CDM+baryons+massive neutrinos+ de 10³ 10² $\begin{array}{ccc}
10^{2} & (\%)(\%)(\%) \\
10^{1} & (\%)(\%)(\%)
\end{array}$ 10⁷ (3) 10⁶ 10⁵ 10⁻³ 10⁴ 10⁻³ 10⁰ 10⁻² The Weyl potential 10⁰ 10³ 10² $\begin{vmatrix}
10^{2} & (\%)(3)(4) & (\%)(4) \\
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10^{-2} & (\%)(4) & (\%)(4$ 10-1 (%) 10⁻² 10⁻³ 10⁻³ 10-4 10-1 10⁻² 10-4 10⁻² vel Newt cdm 10⁷ 10³ 10² $10^{2} (\%)(\%) / (\%) \times 10^{-1} 10^{-1} \times 10^{-2} = 10^{-2} \times 10^{$ 10⁶ (3) 10⁵ 10⁴ 10⁻² 10⁻³ 10³ 10-1 10-4 10⁻² 10-1 10⁻² 10⁻³ 10^{-4} 10⁻³ vel_Newt_b 10⁷ 10³ 10² $\begin{array}{ccc}
 10^{2} & (\%)(x)L/(x)L\\
 10^{0} & 10^{-1} & 10^{-2}
 \end{array}$ 10⁶ (k) 10⁵ 10⁴ 10³ 10⁻³ 10⁻³ 10-1 10⁻² 10⁻¹ 10⁻² 10-4 10⁻³ relative baryon-CDM velocity 10³ 10³ 10² 10² 10¹ 10¹ 10⁰ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10-4 10-4

4_Des_mc5e_turning_point_1

1_GR