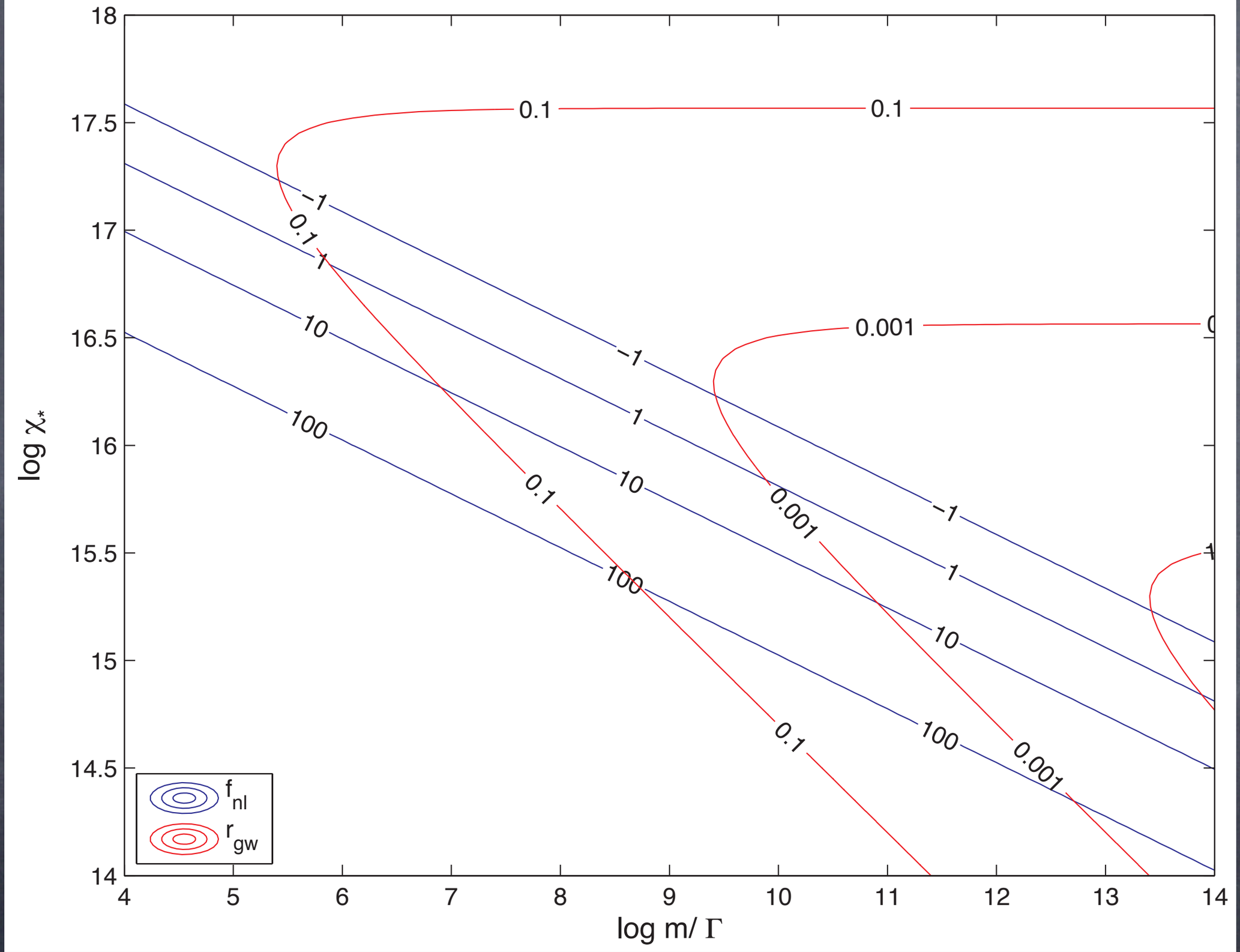
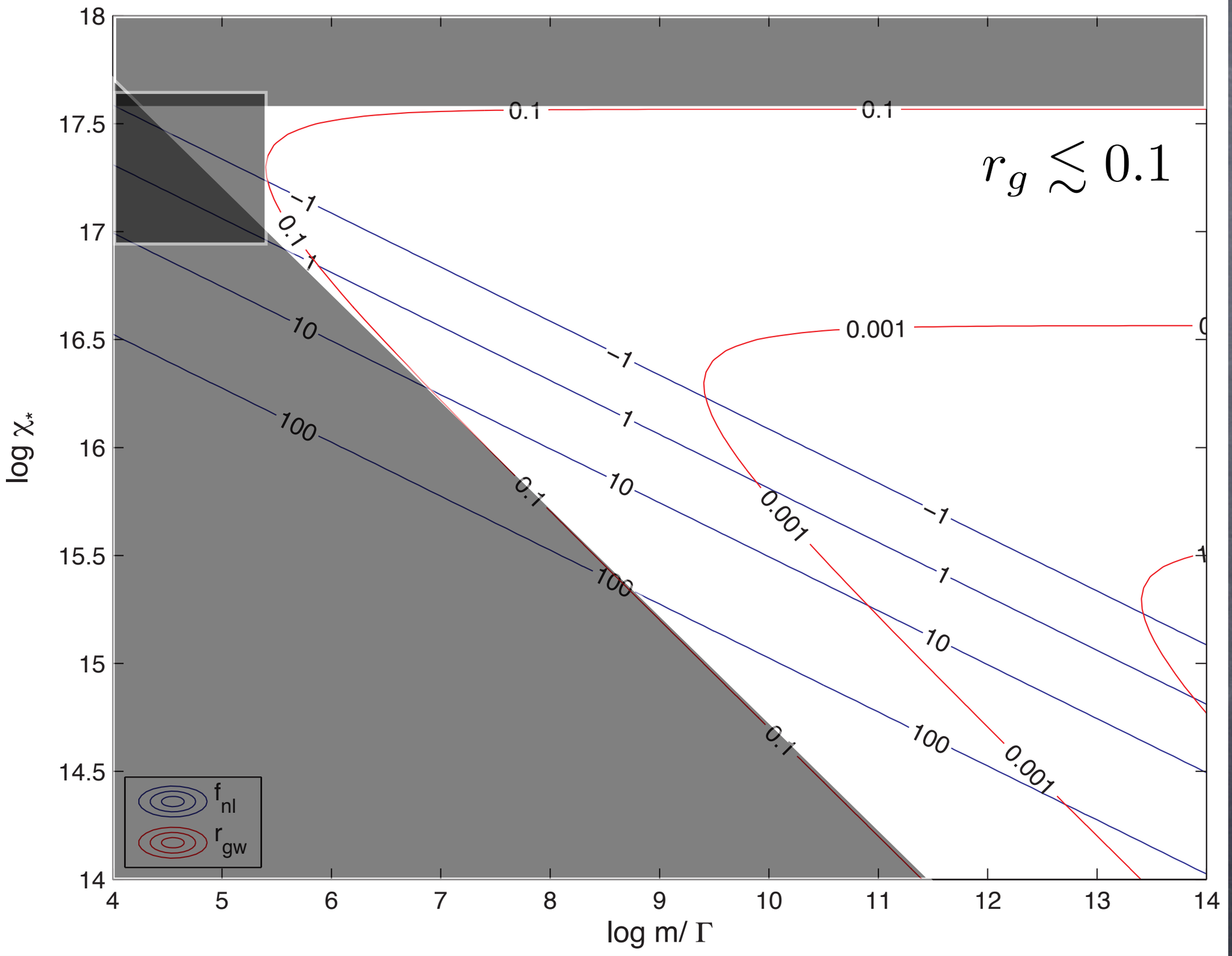
Non-Gaussianity from the curvaton

José Fonseca

30th March
5th Iberian metting in Cosmology



$$r_g \equiv \frac{\mathcal{P}_\mathcal{G}}{\mathcal{P}_\zeta} = \frac{2}{M_{pl}^2 \mathcal{P}_\zeta}\left(\frac{H_*}{2\pi}\right)^2$$



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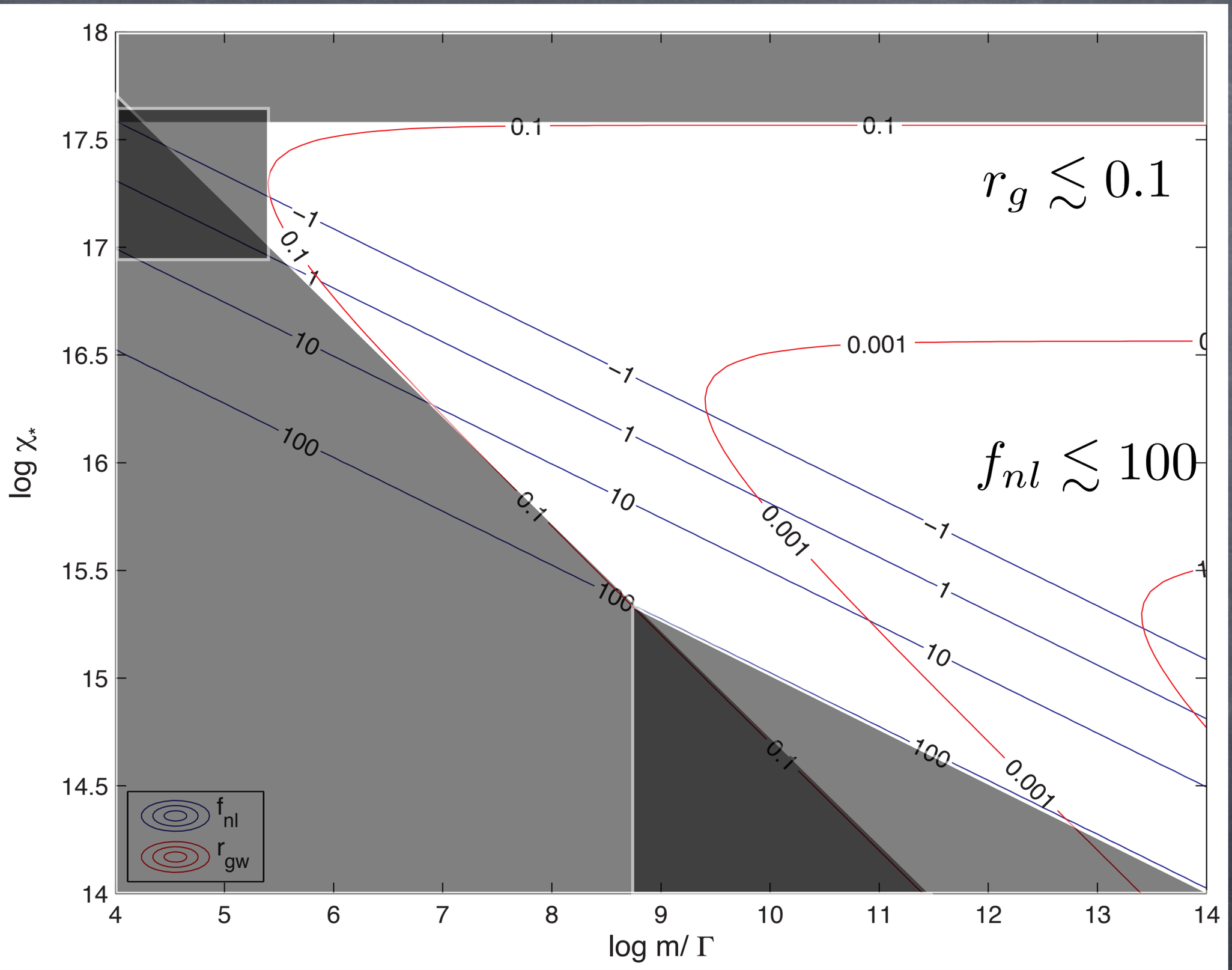

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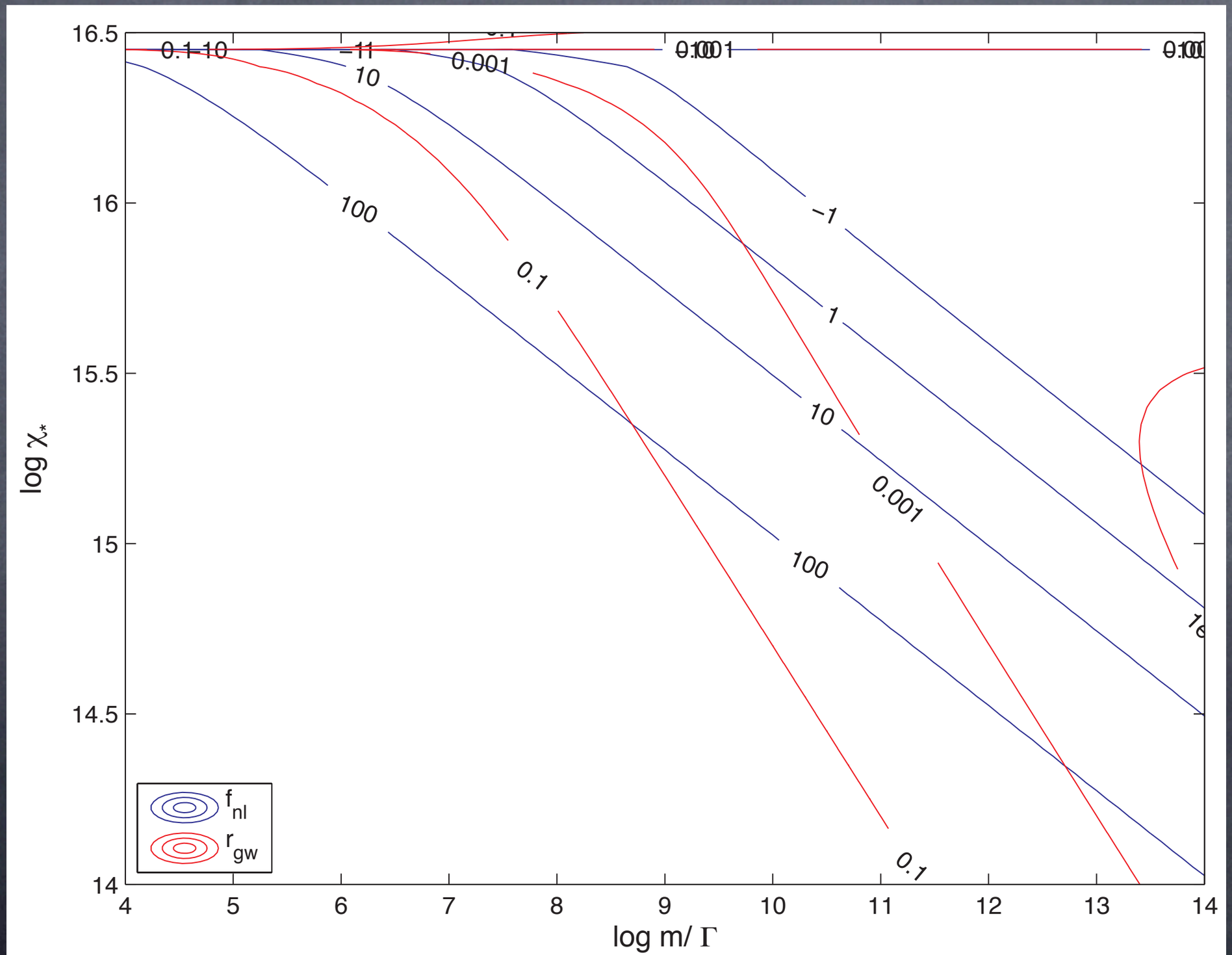
$$V = M^4(1 - \cos(\chi/f))$$
$$f = 10^{16}\mathrm{GeV}$$



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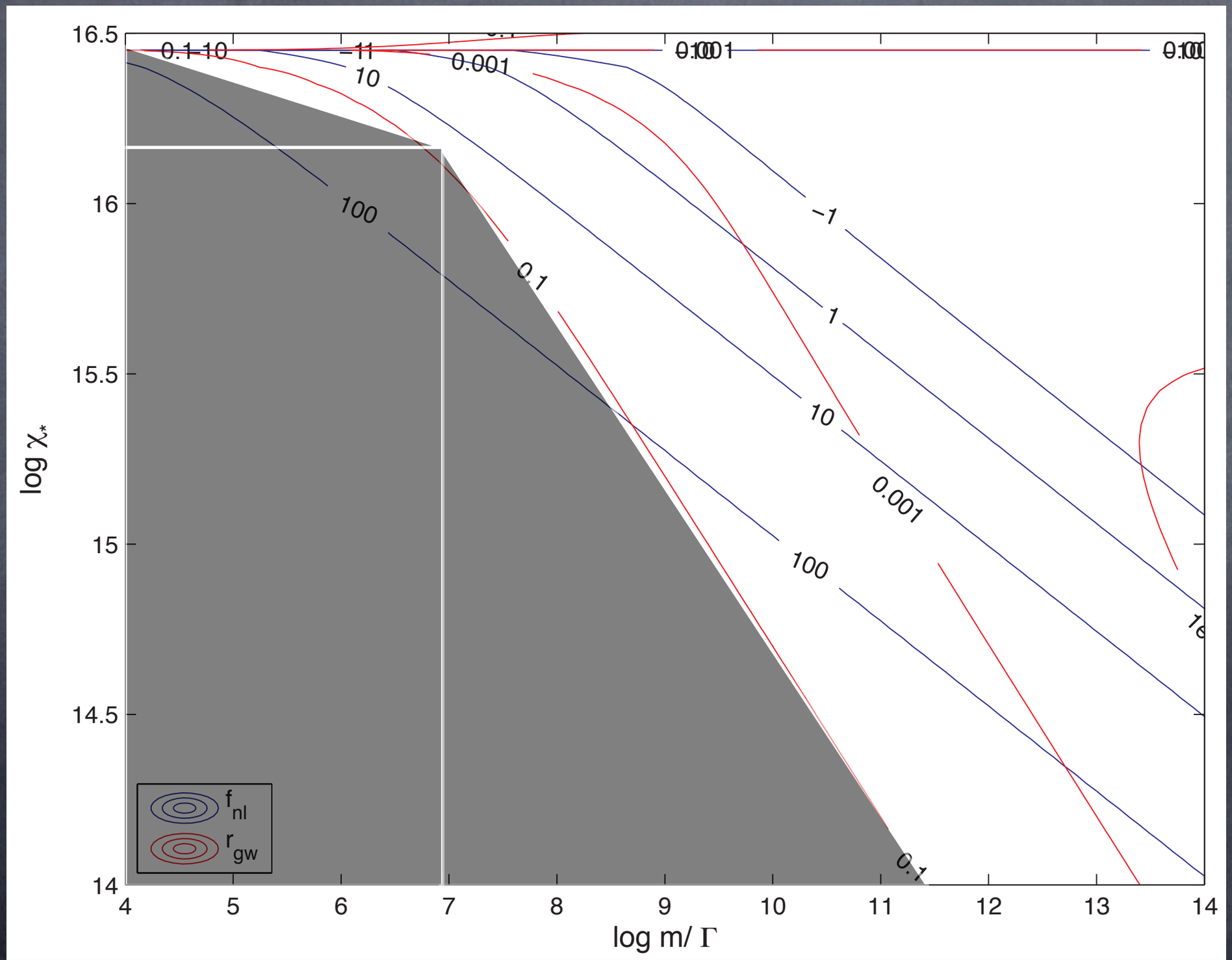

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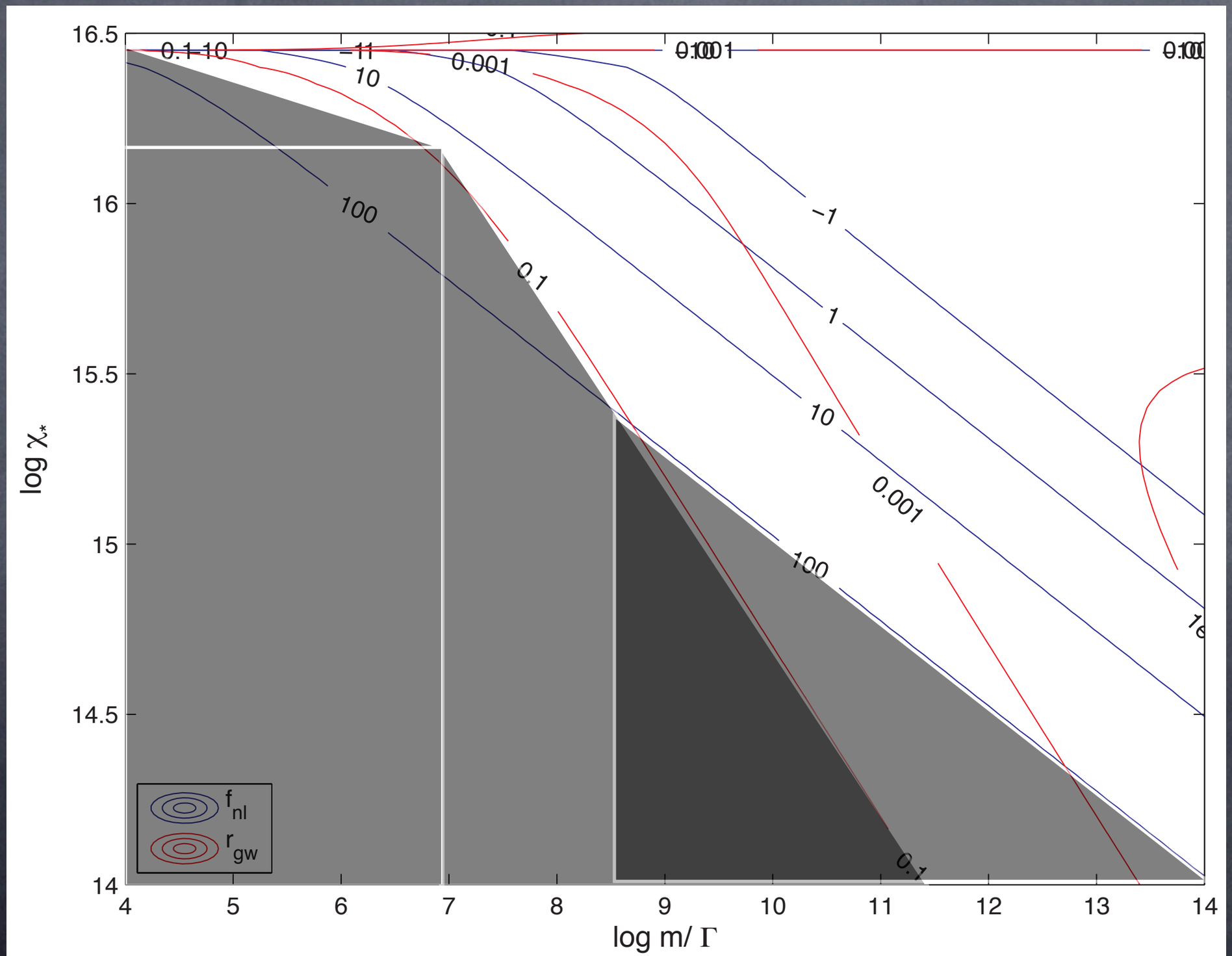

$$V = M^4(\cosh(\chi/f) - 1)$$
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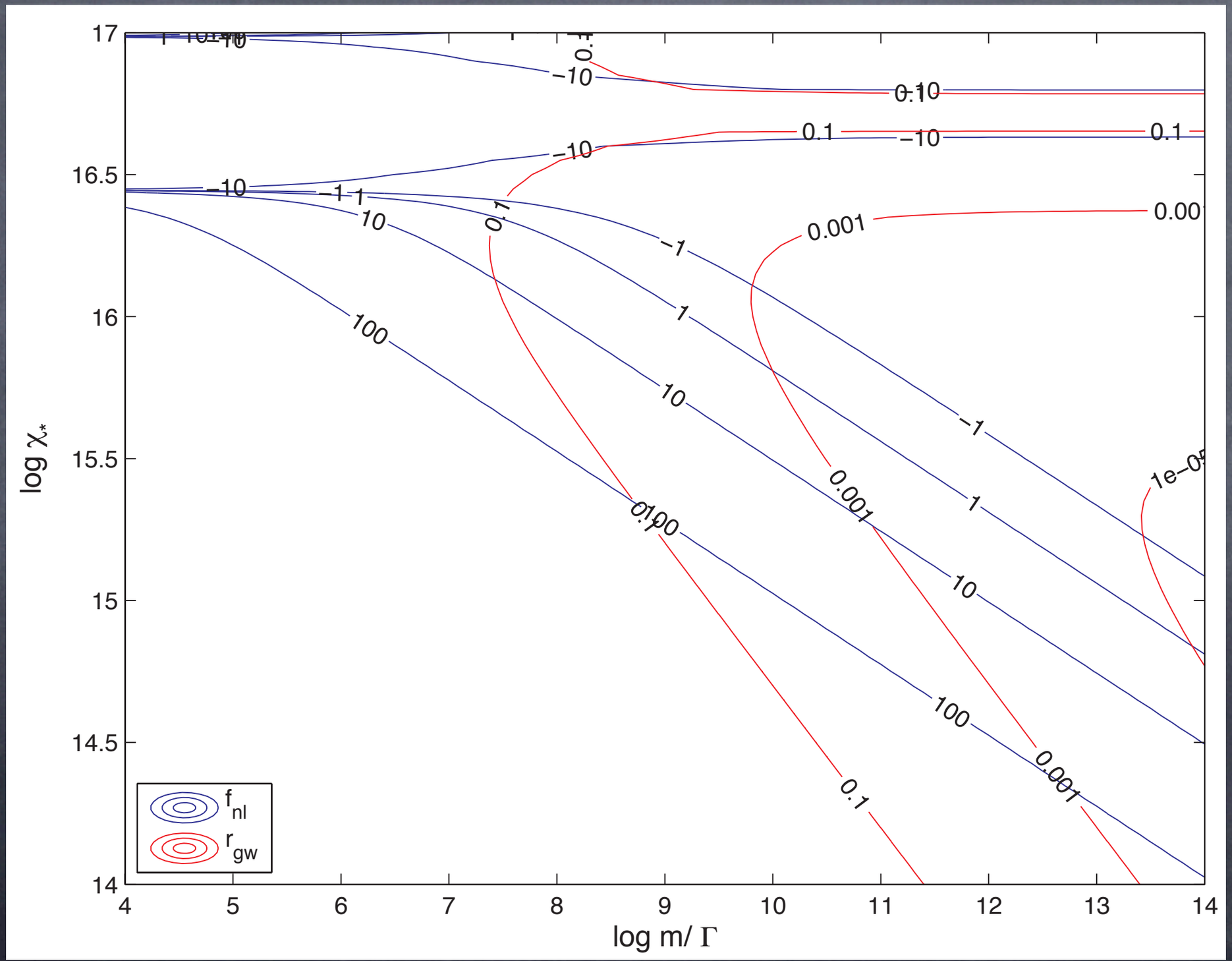

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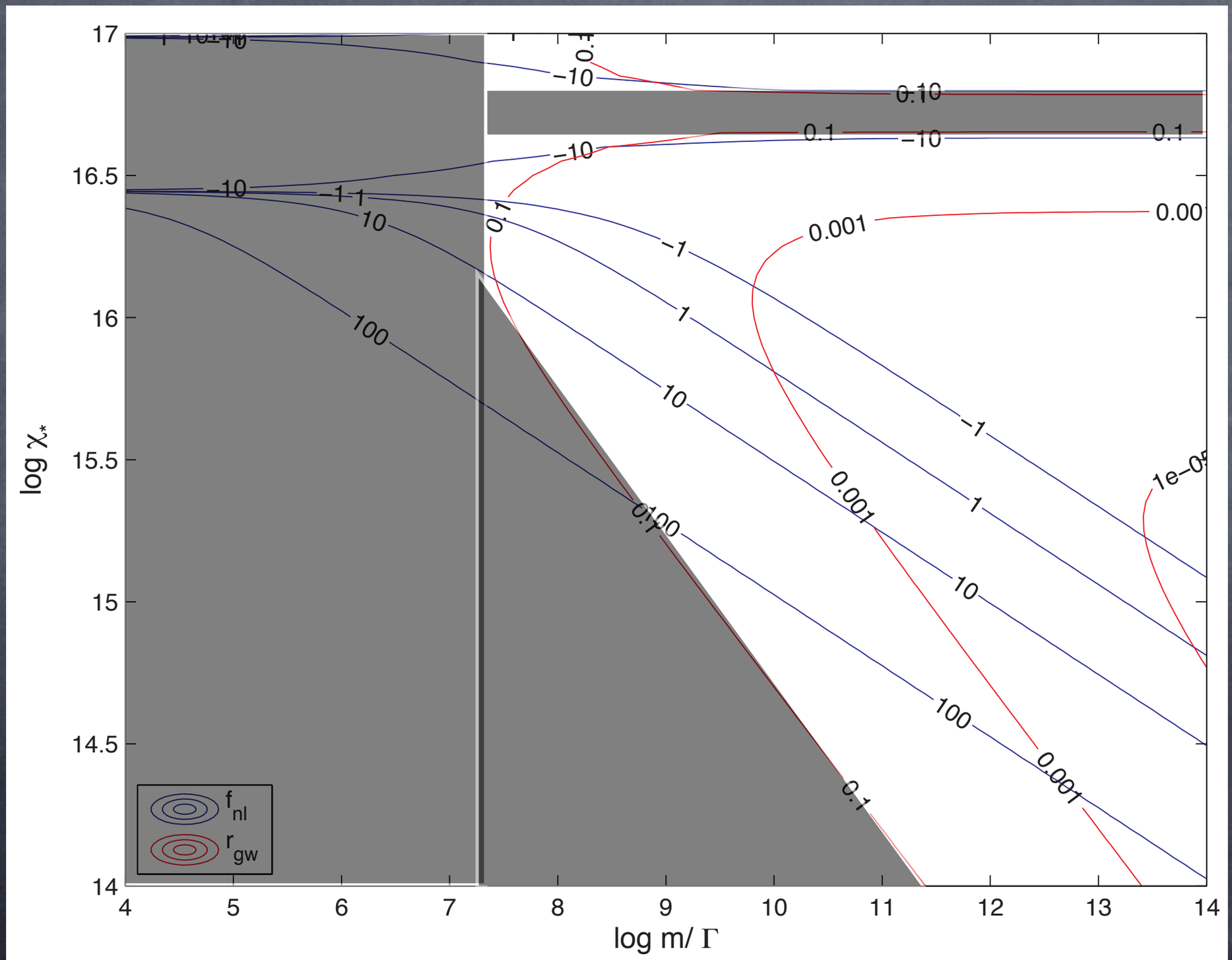

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