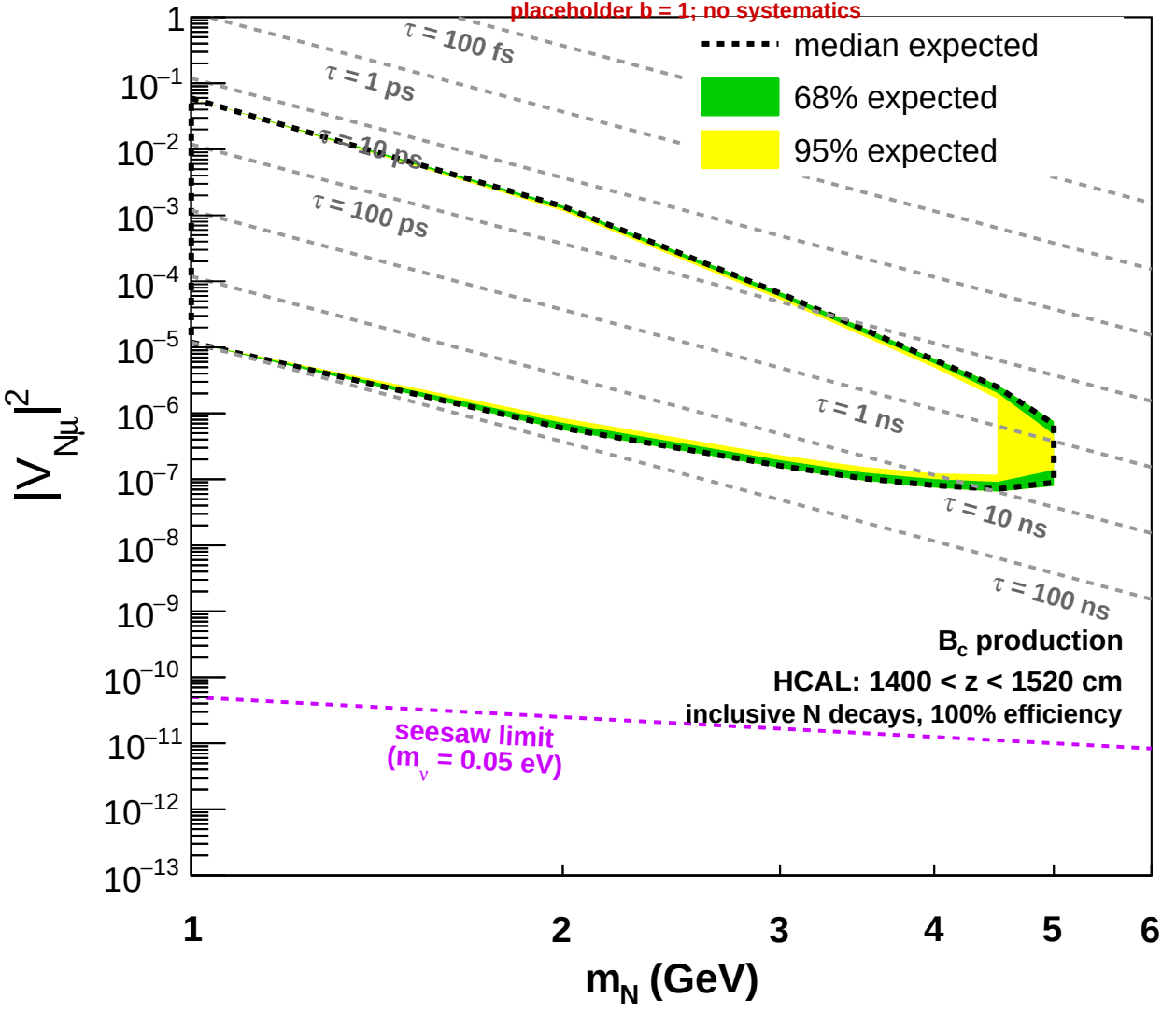
Idealized counting study: NOT a reconstructed LHCb exclusion
placeholder b = 1; no systematics
median expected
68% expected
95% expected
τ = 100 fs
τ = 1 ps
τ = 10 ps
τ = 100 ps
τ = 1 ns
τ = 10 ns
τ = 100 ns
B_c production
HCAL: 1400 < z < 1520 cm
inclusive N decays, 100% efficiency
seesaw limit
(m_ν = 0.05 eV)
|V_Nμ|^2
m_N (GeV)
1
10^−1
10^−2
10^−3
10^−4
10^−5
10^−6
10^−7
10^−8
10^−9
10^−10
10^−11
10^−12
10^−13
1
2
3
4
5
6