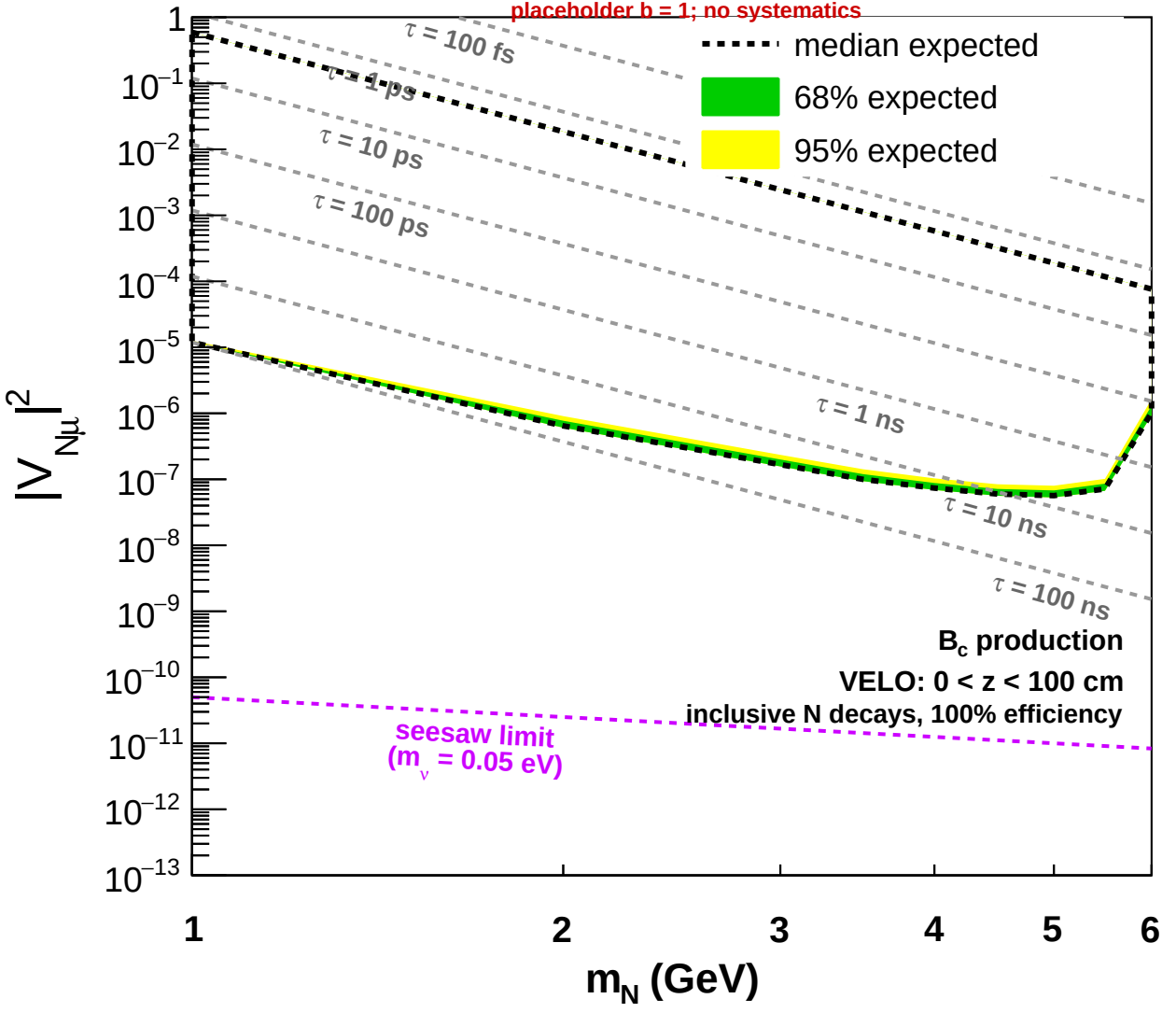
Idealized counting study: NOT a reconstructed LHCb exclusion
placeholder b = 1; no systematics
median expected
68% expected
95% expected
τ = 100 fs
τ = 1 ps
τ = 10 ps
τ = 100 ps
τ = 1 ns
τ = 10 ns
τ = 100 ns
B_c production
VELO: 0 < z < 100 cm
inclusive N decays, 100% efficiency
seesaw limit
(m_ν = 0.05 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