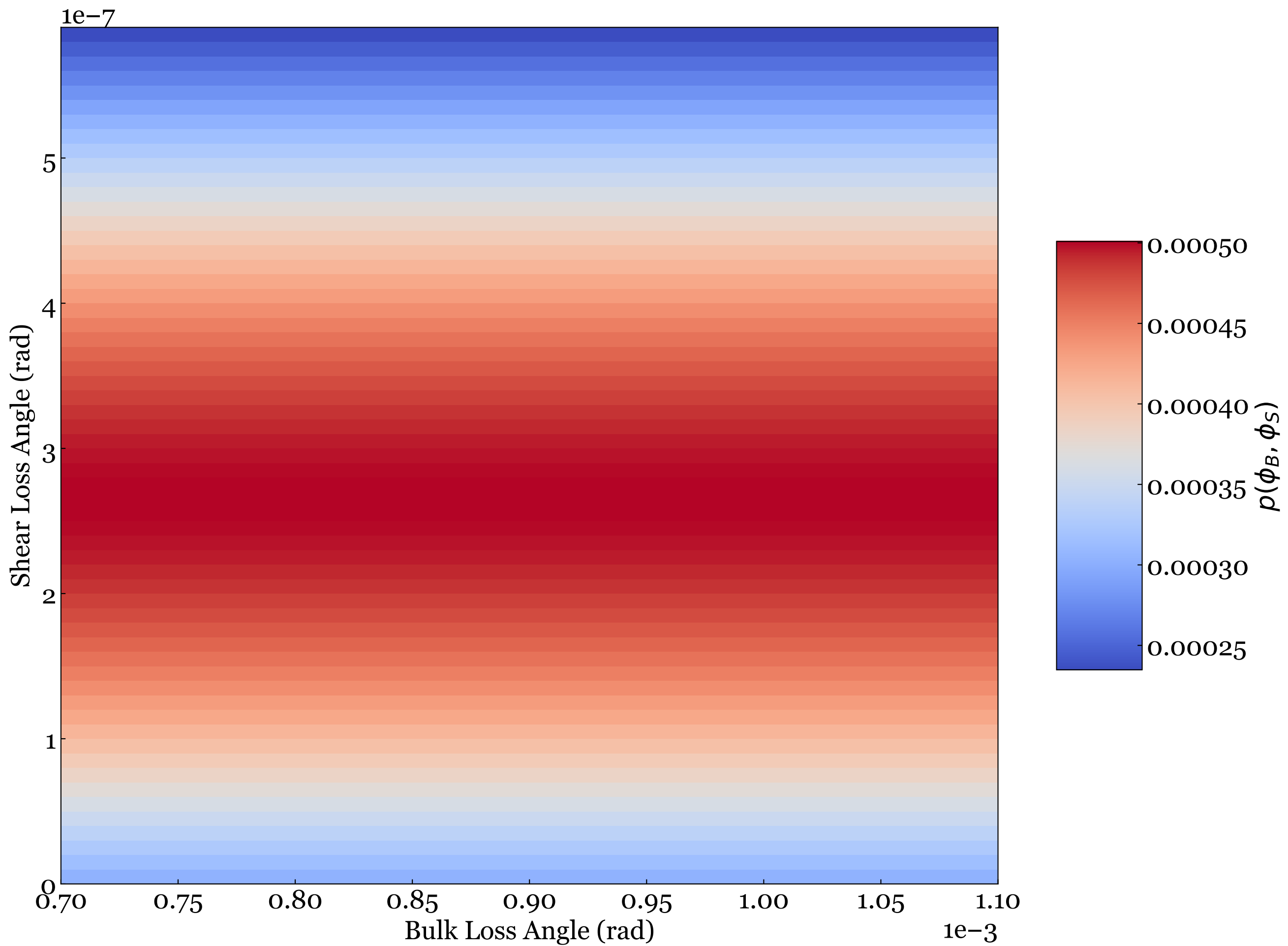
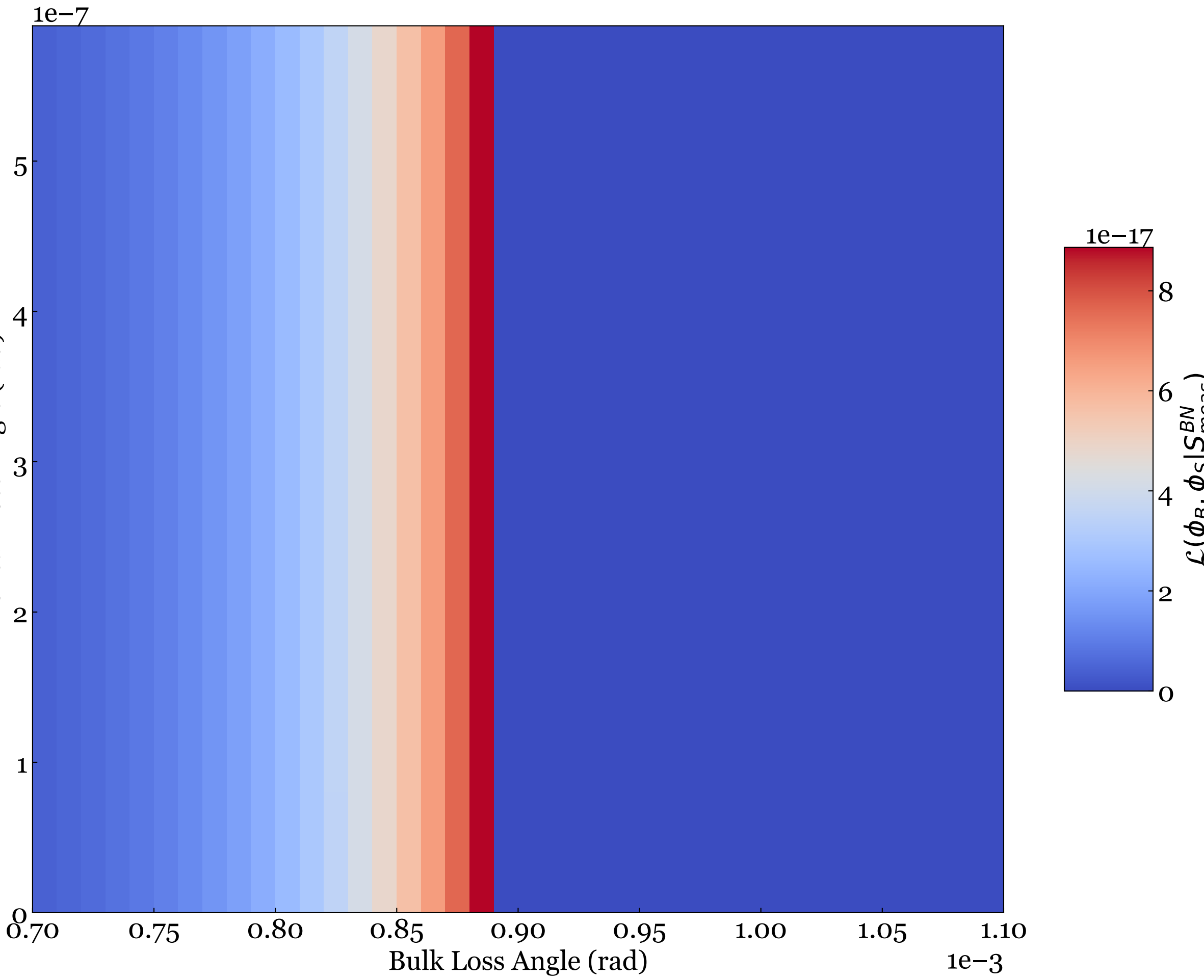


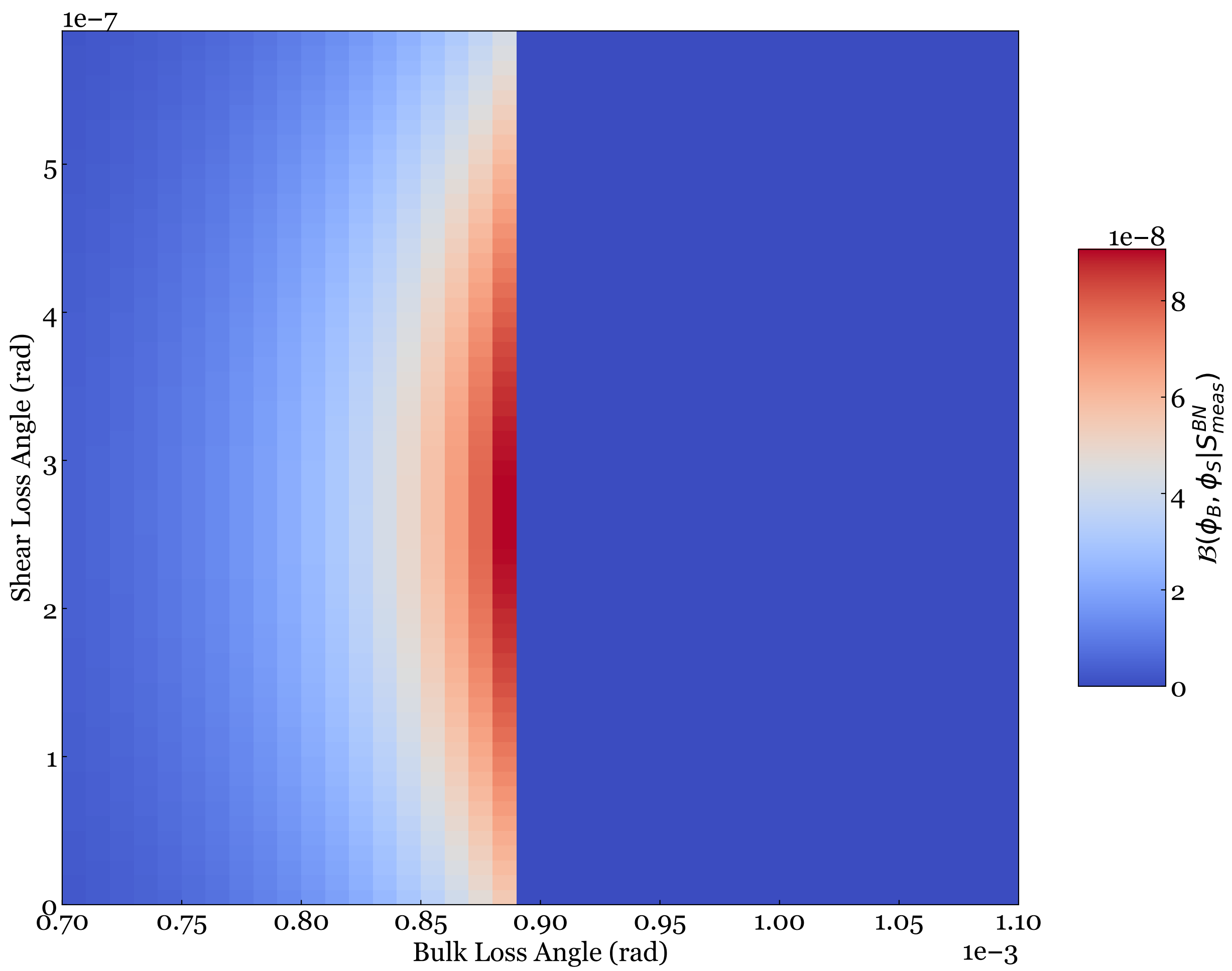
Prior probability distribution of Bulk and Shear Loss Angles
Using measurements of Penn et al. for Shear and Uniform for Bulk Loss Angle



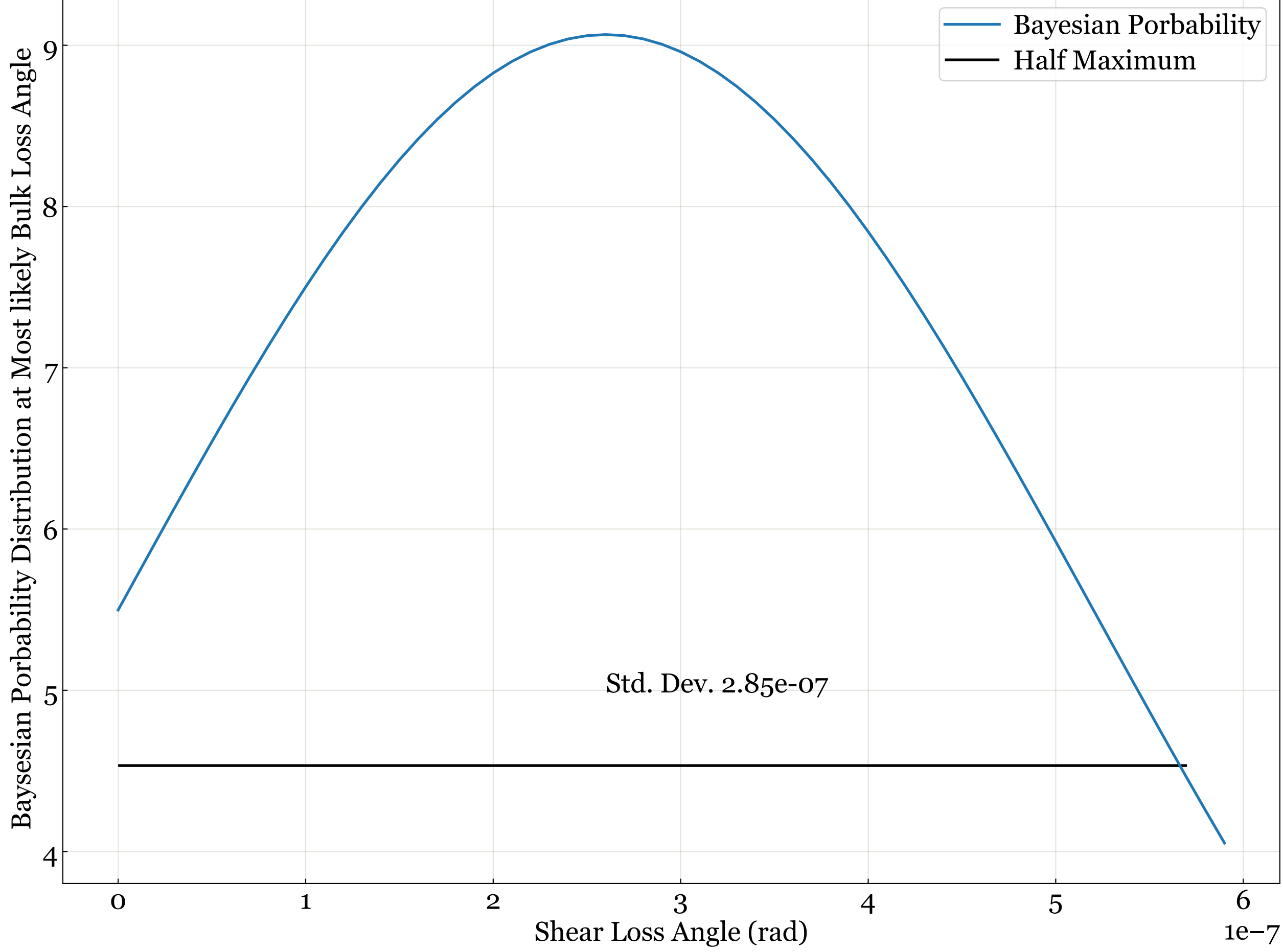
Likelihood Distribution of loss angles for measured ASD of beatnote at [270. 280. 290. 300. 310. 440. 510. 520. 530. 540. 550. 560. 590.] Hz



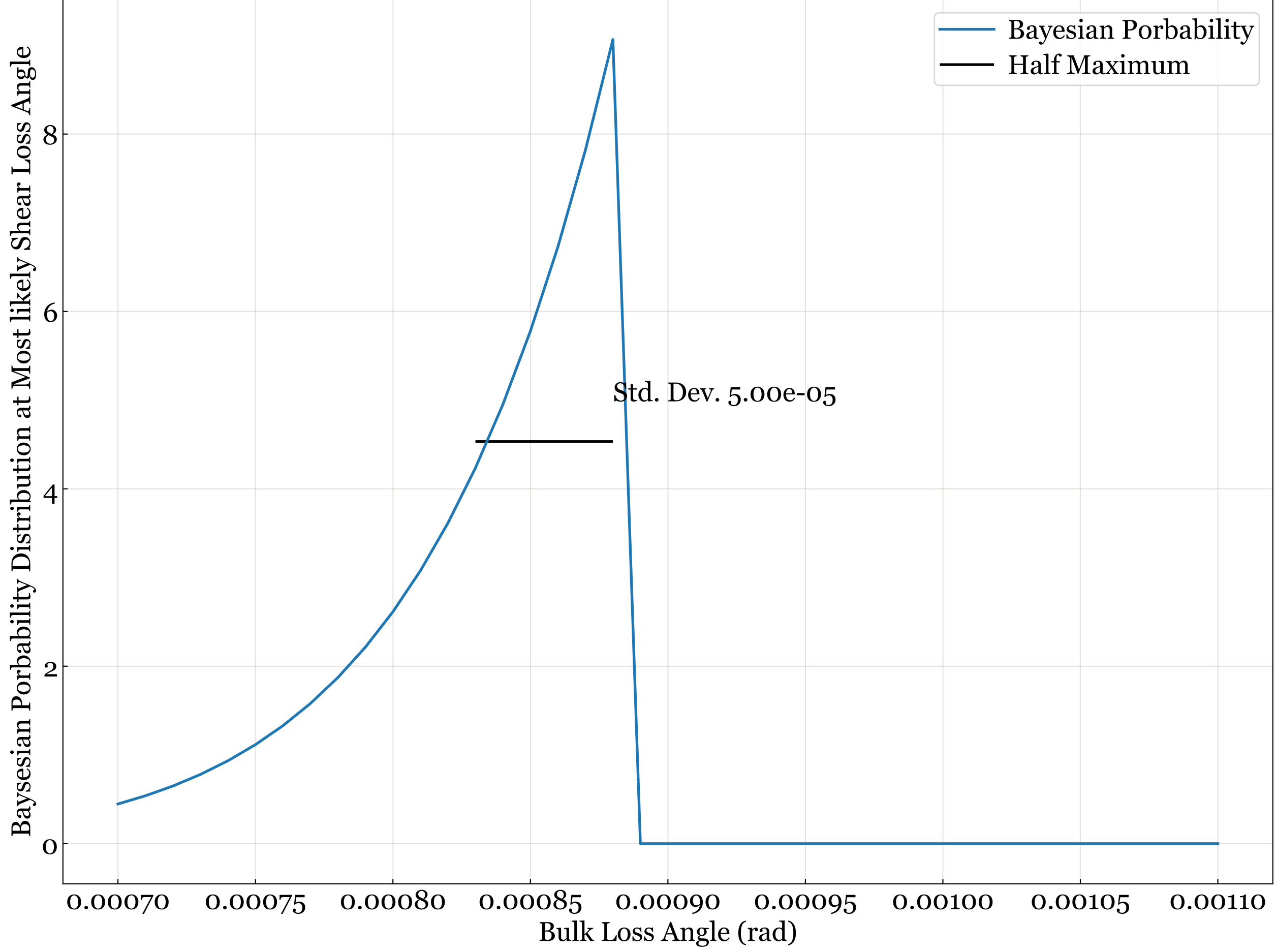
Bayesian Inferred Probability Distribution of loss angles for measured ASD of beatnote at [270. 280. 290. 300. 310. 440. 510. 520. 530. 540. 550. 560. 590.] Hz



Bayesian Probability Distribution of Shear Loss Angle at most likely Bulk Loss Angle



Bayesian Probability Distribution of Bulk Loss Angle at most likely Shear Loss Angle



CTN Noise Budget, Mar 11, 2020

$$\Phi_B = (8.80 \pm 0.50) \times 10^{-4}; \Phi_S = (2.60 \pm 2.85) \times 10^{-7}$$

