```python
# assume the data to be log-normal distributed
norm = gs.normalizer.LogNormal()
# estimate variogram
bins = np.linspace(0, 7, 10)
bin_center, gamma = gs.vario_estimate(
    (obs_x, obs_y), obs_val, bins, normalizer=norm
)
# fit an exponential model
fit_model = gs.Exponential(dim=2)
fit_model.fit_variogram(bin_center, gamma, nugget=False)
ax = fit_model.plot(x_max=max(bin_center))
```