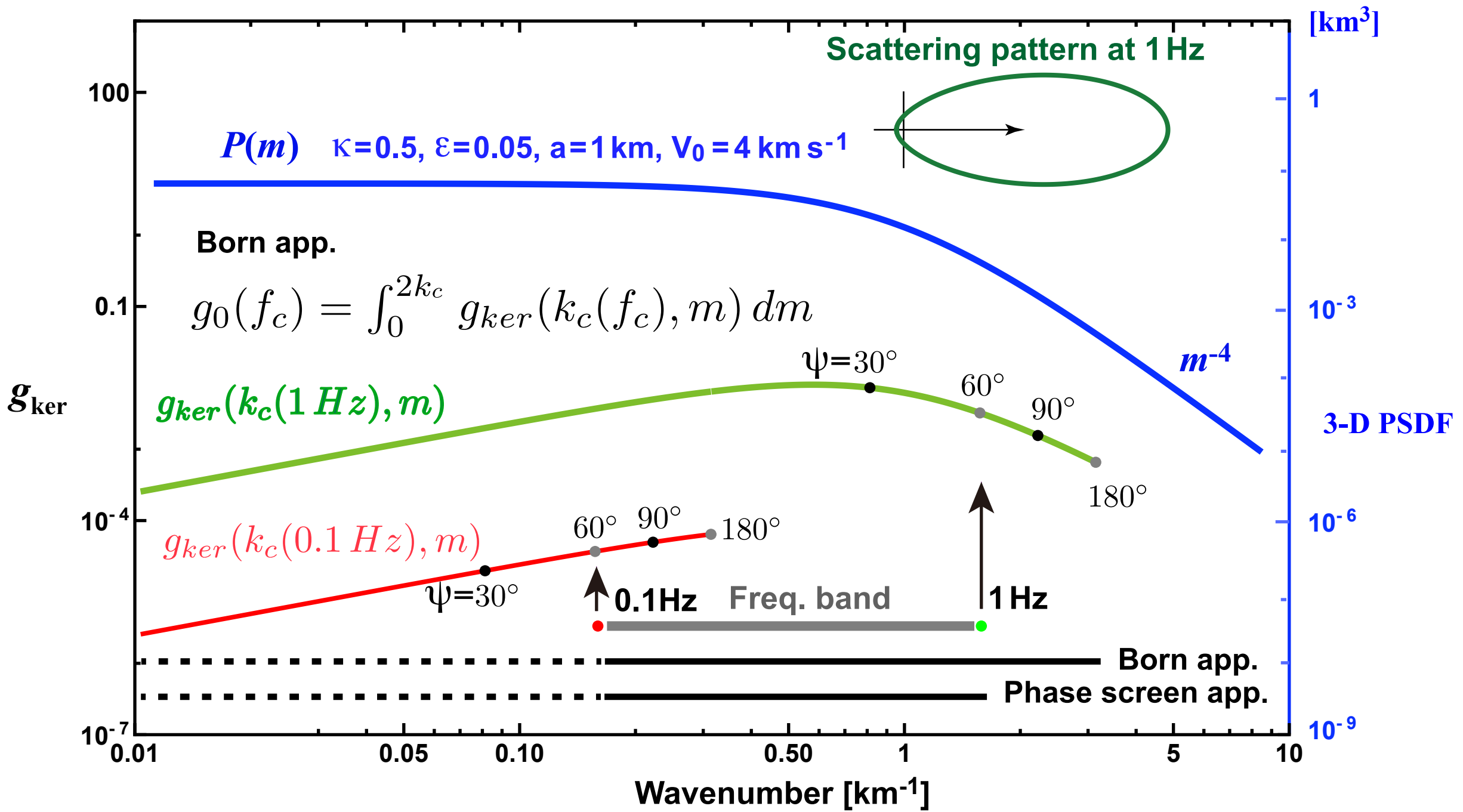
Scattering pattern at 1 Hz
P(m)
κ=0.5, ε=0.05, a=1 km, V0 = 4 km s-1
Born app.
$g_0(f_c) = \int_0^{2k_c} g_{ker}(k_c(f_c), m)\, dm$
$g_{ker}(k_c(1\,Hz), m)$
$g_{ker}(k_c(0.1\,Hz), m)$
ψ=30°
60°
90°
180°
0.1Hz
Freq. band
1 Hz
Born app.
Phase screen app.
m-4
g_ker
3-D PSDF
[km3]
Wavenumber [km-1]
100
0.1
10-4
10-7
1
10-3
10-6
10-9
0.01
0.05
0.10
0.50
1
5
10