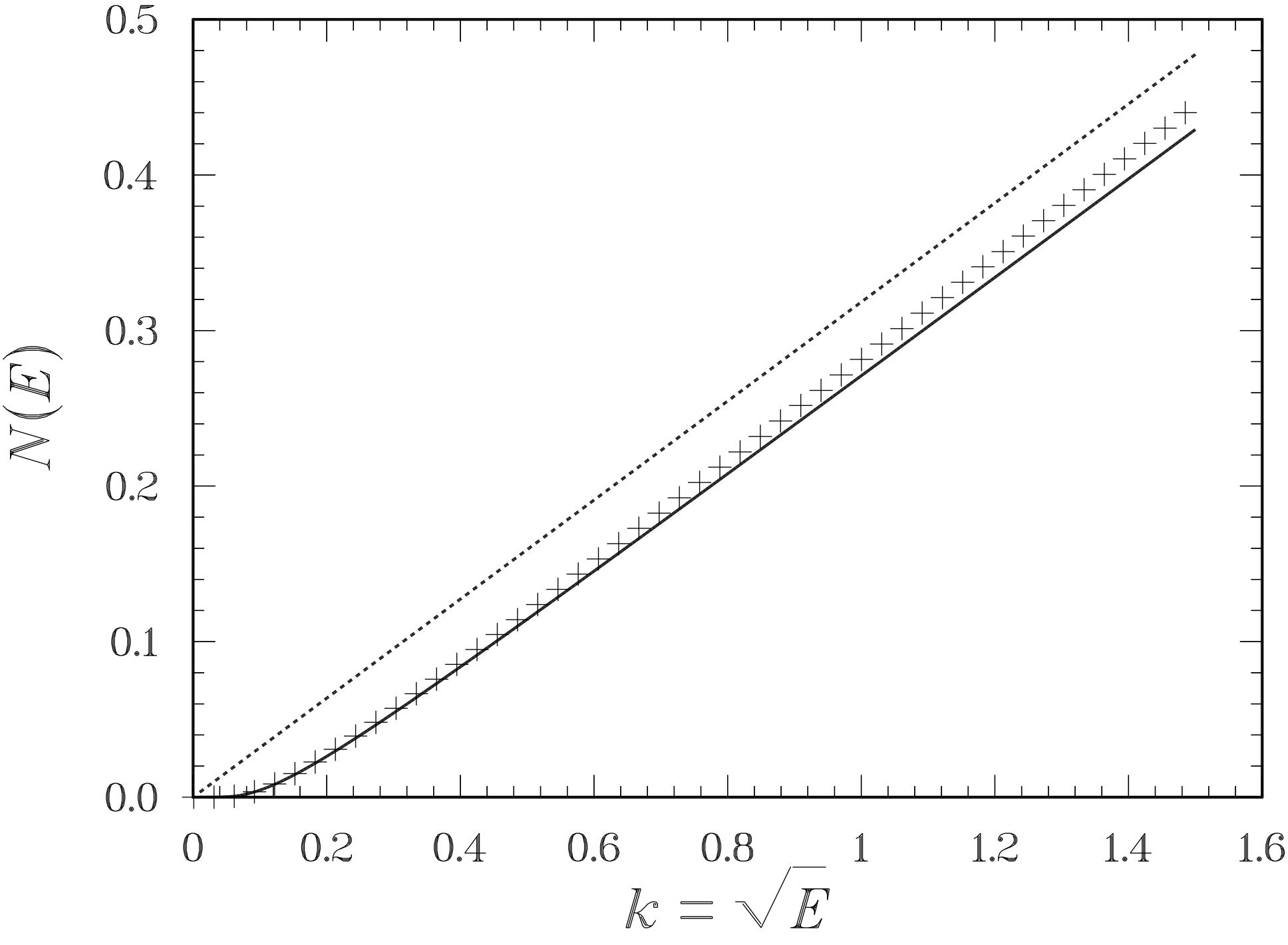
0.5
0.4
0.3
0.2
0.1
0.0
$N(E)$
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
$k = \sqrt{E}$