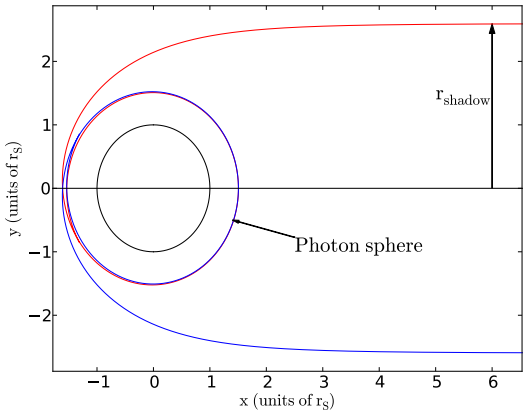
2
1
0
−1
−2
−1
0
1
2
3
4
5
6
y (units of r_S)
x (units of r_S)
r_{shadow}
Photon sphere