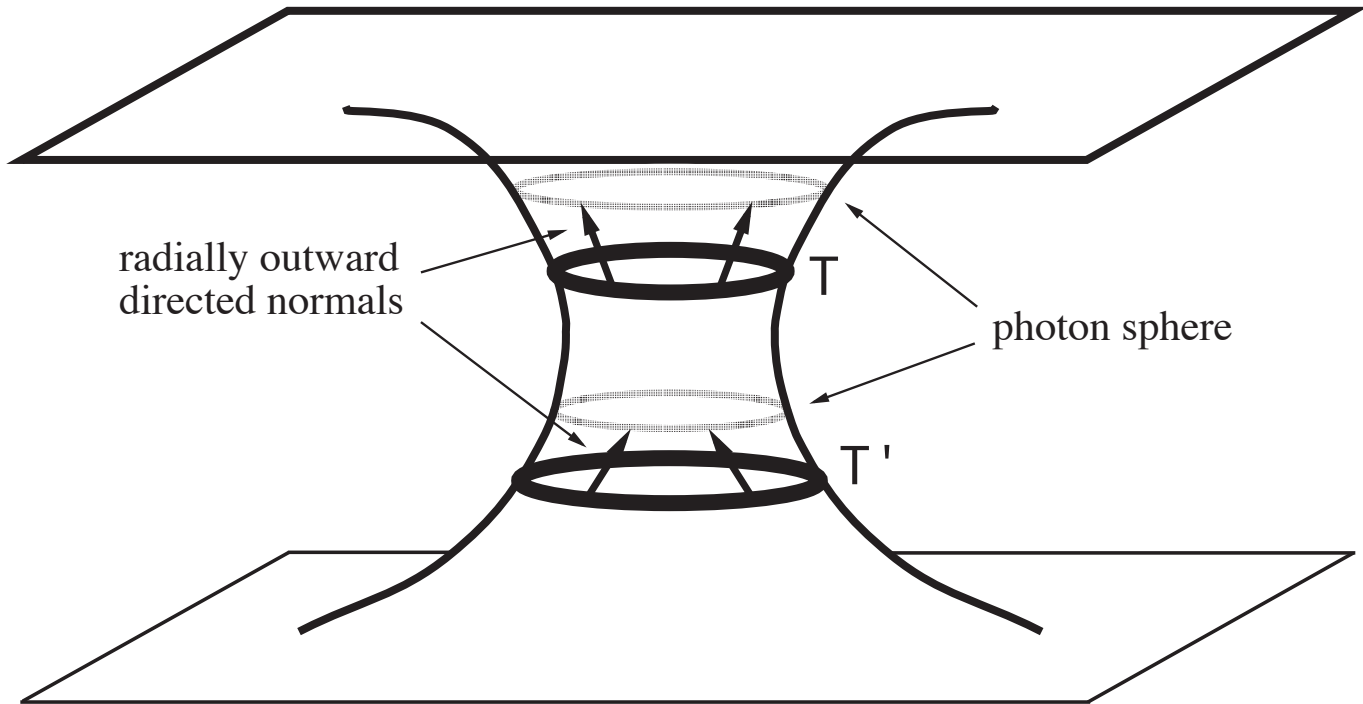


asymptotically flat region of observer



radially outward  
directed normals

$T$

photon sphere

$T'$