$$ds^{2} = \left(1 - \frac{26M}{rc^{2}}\right)dt^{2} - \frac{1}{c^{2}}\left(1 - \frac{26M}{c^{2}r}\right)^{-1}ds^{2}$$

$$- \frac{r^{2}}{c^{2}}d\theta^{2} - \frac{r^{2}}{c^{2}}\sin^{2}\theta d\phi^{2}$$

$$= \frac{1}{c^{2}}d\theta^{2} - \frac{r^{2}}{c^{2}}\sin^{2}\theta d\phi^{2}$$

radially,
$$d\phi = d\theta = 0$$

for photons, $ds^2 = 0$

$$\Rightarrow \left(1 - 26M\right) dt^{2} = \frac{1}{c^{2}} \left(1 - 26M\right)^{-1} ds^{2}$$

$$\Rightarrow c^{2} \left(1 - 26M\right)^{2} = \frac{dr^{2}}{dt^{2}}$$

$$\frac{dr}{dt} = \frac{1}{c} c \left(1 - 26M\right)$$

for an travelling
$$V: \int_{0}^{\infty} \left(1 - \frac{2aM}{r'c^{2}}\right)^{2} dr' = c \int_{0}^{\infty} dt'$$

This has solution at = ato -
$$r+r_0$$
 - $Rslr\left(\frac{r-R_s}{r_0-R_s}\right)$. Takes where the true to reach horizon (asymptote).