

ジェット伝搬

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シミュレーションモデル

r

自由境界

対称境界

$$\rho = 1$$

$$p = 1/\gamma$$

自由境界

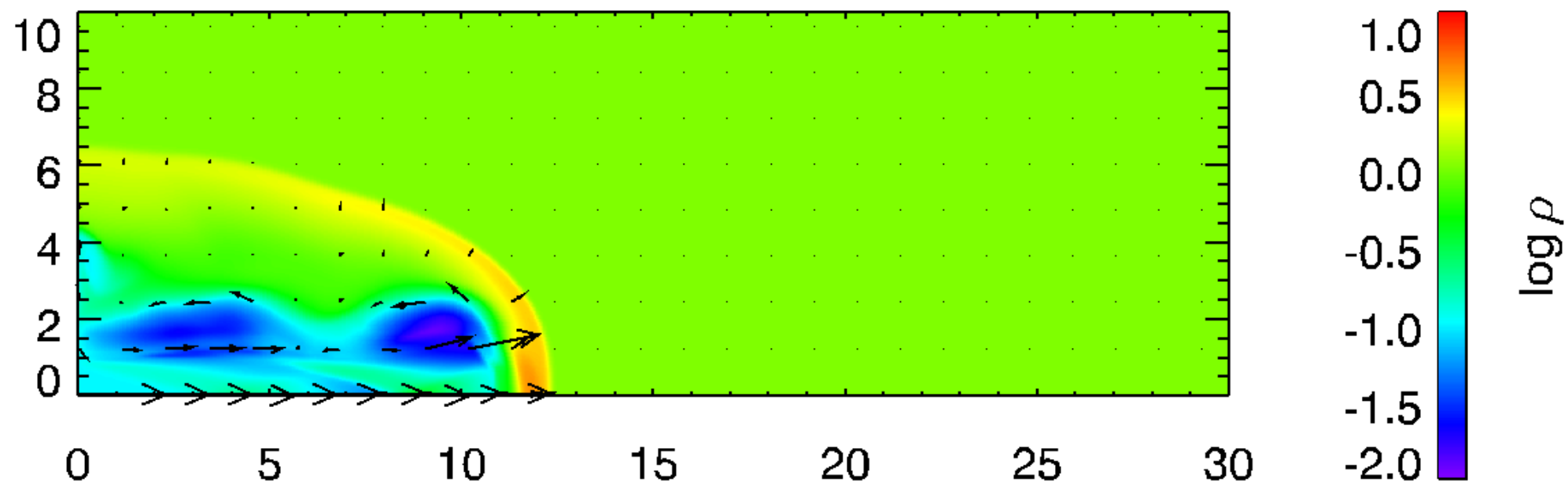
ジェット

z

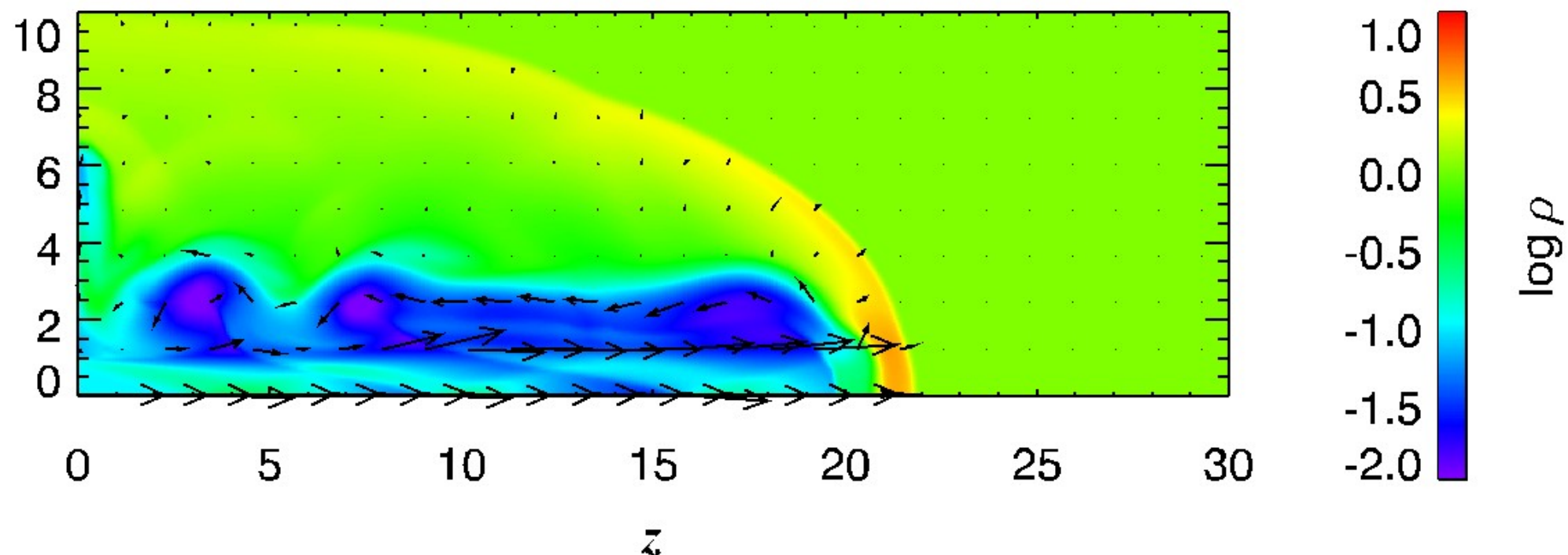
対称境界

マッハ数 6 $v_j = 20$
 $\rho_j = 0.1$

$t = 5.00$

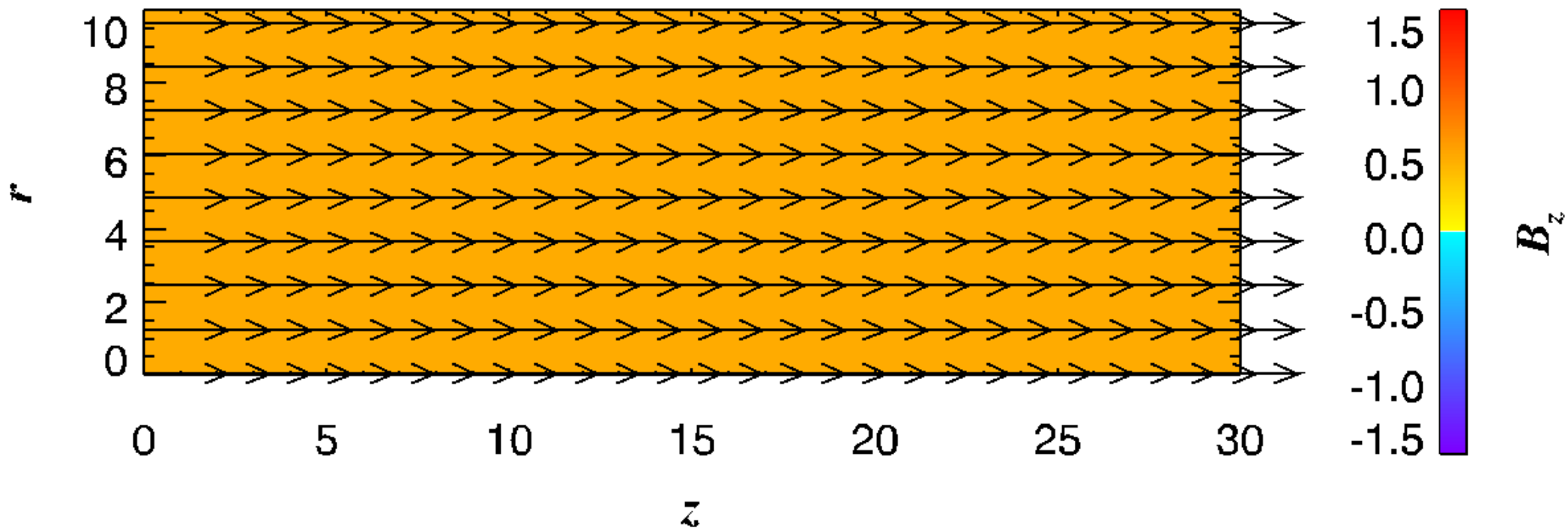


$t = 10.0$

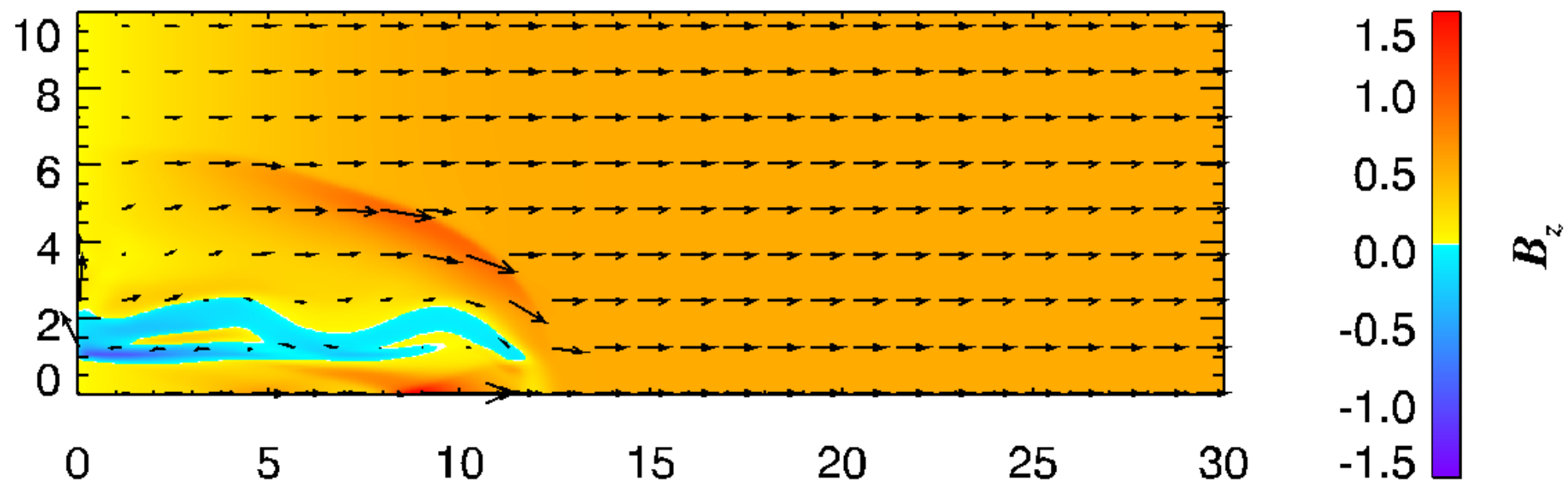


Z方向に磁場を加える (ガス圧/磁気圧=5)

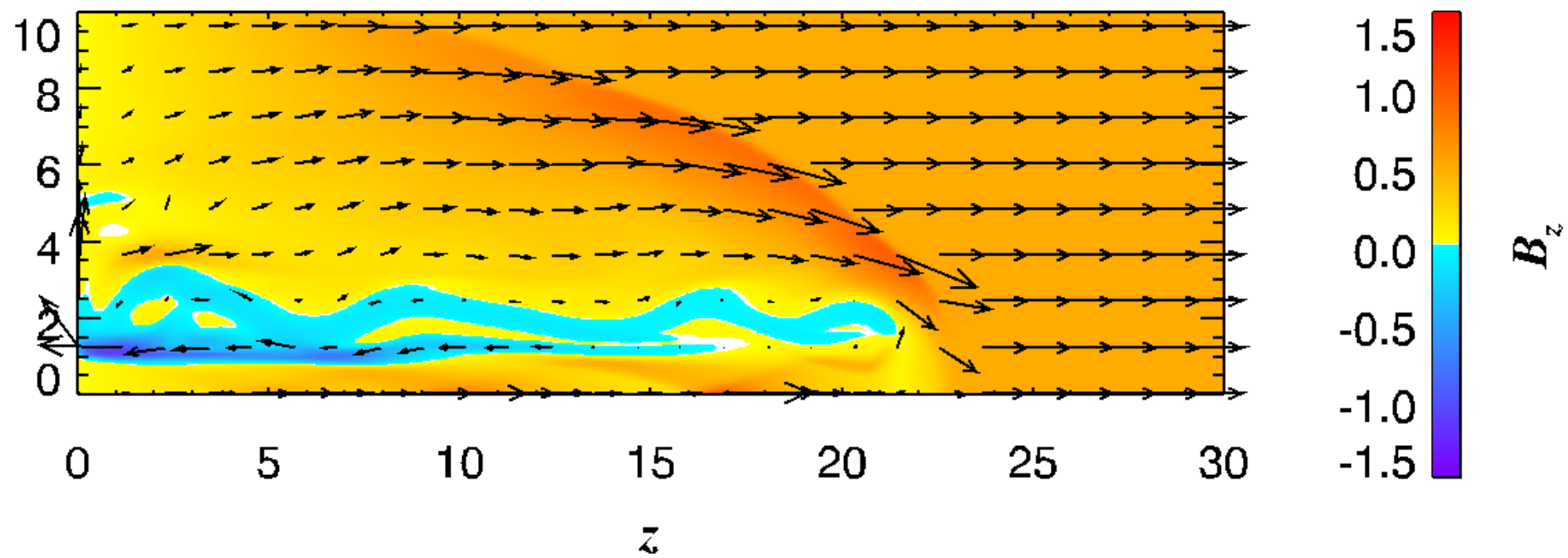
$t = 0.00$



$t = 5.00$

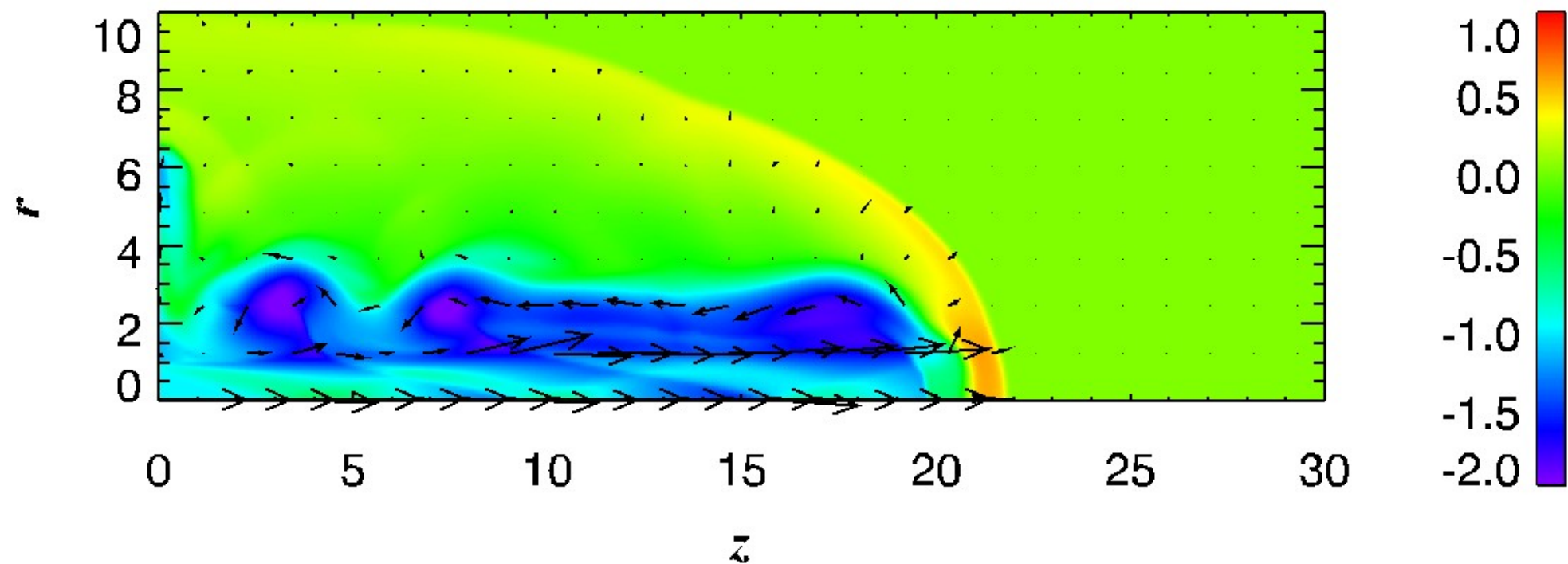


$t = 10.0$

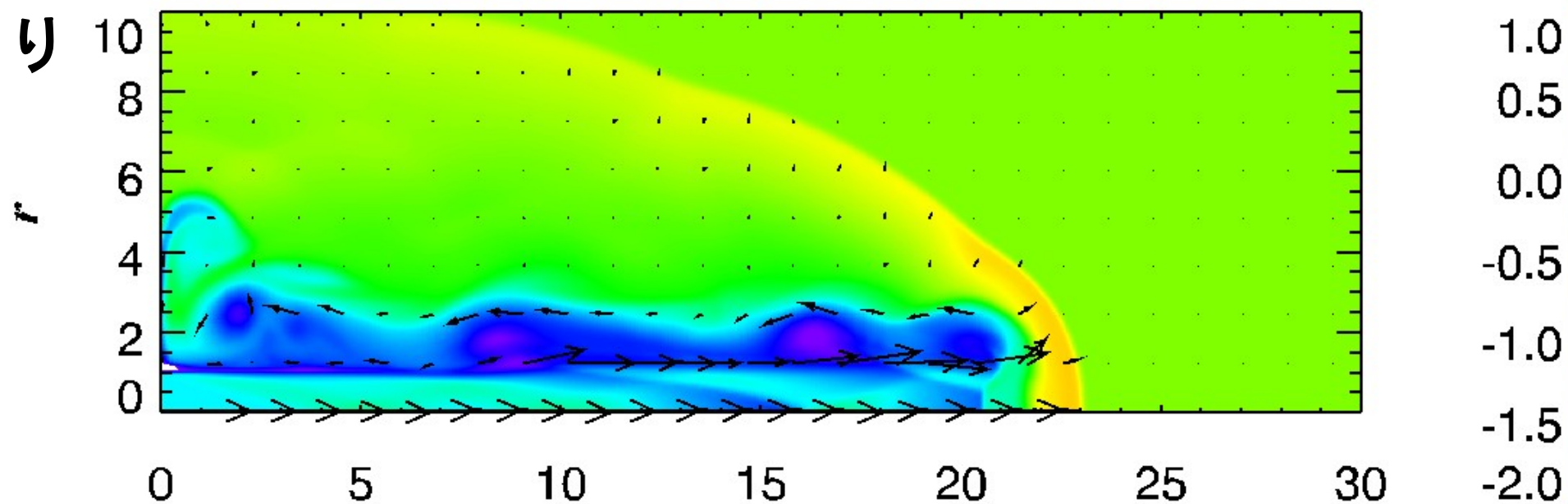


磁場なし

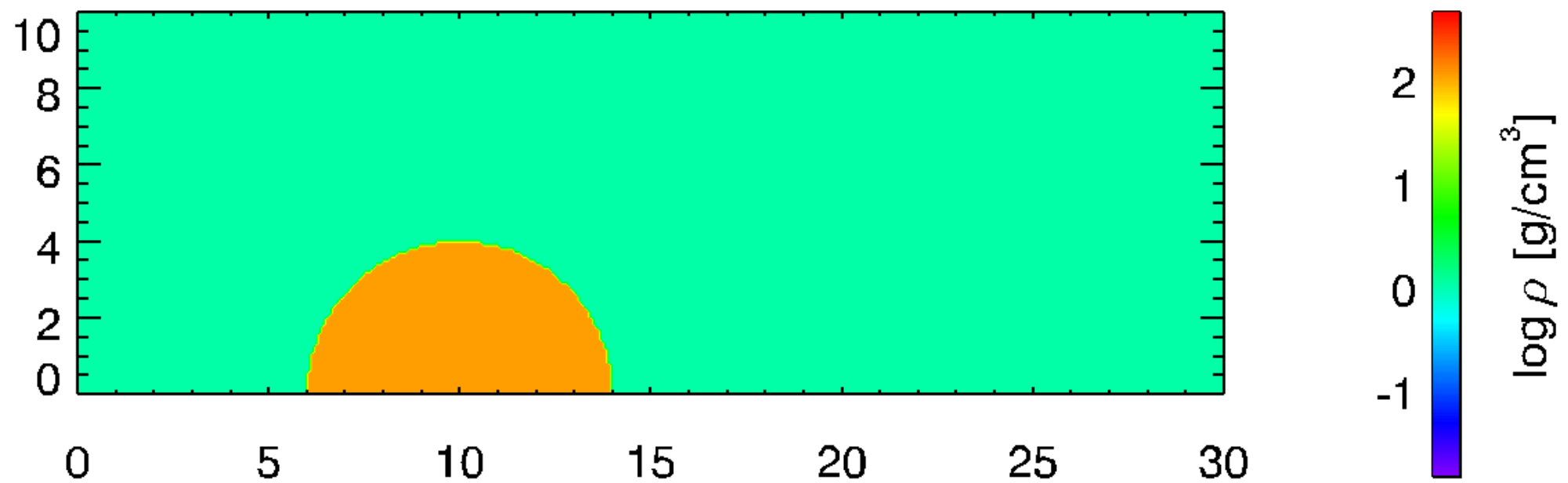
$t = 10.0$



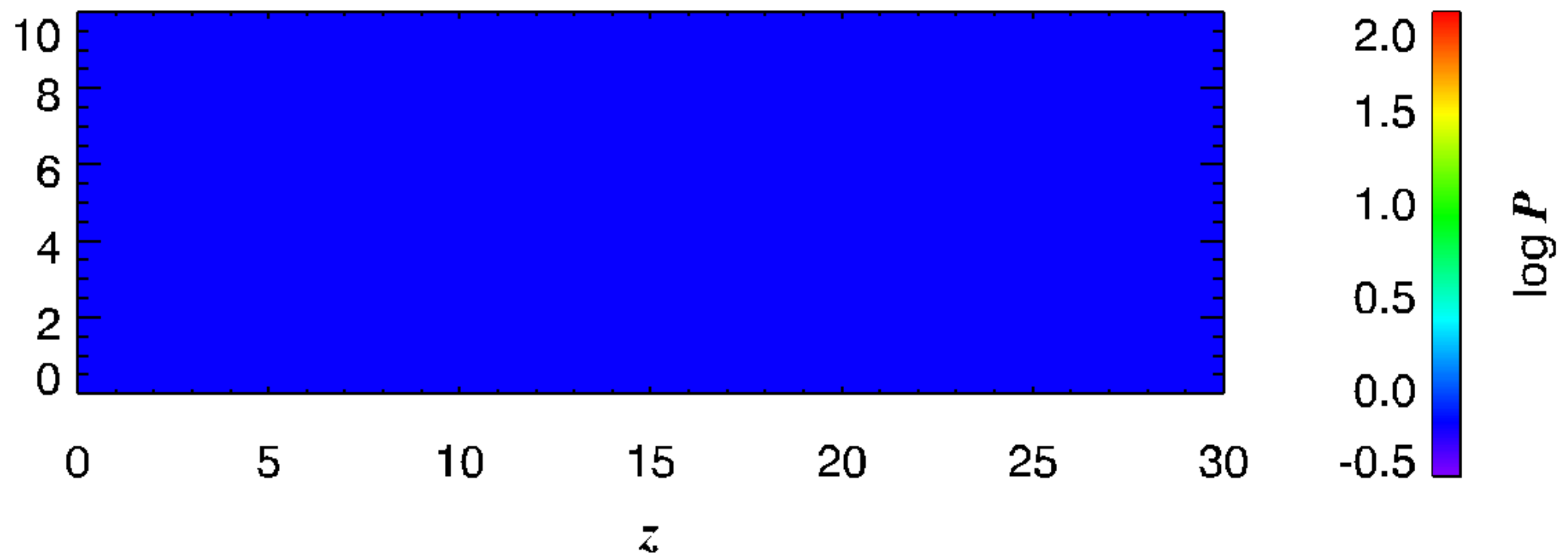
磁場あり



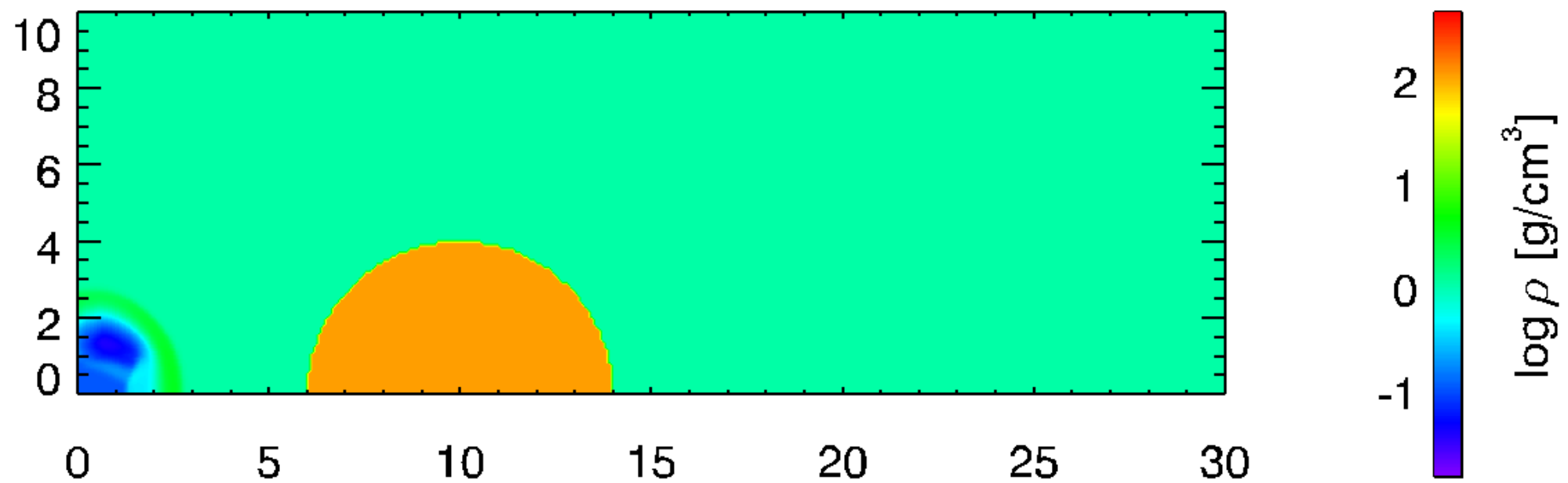
$t = 0.00$



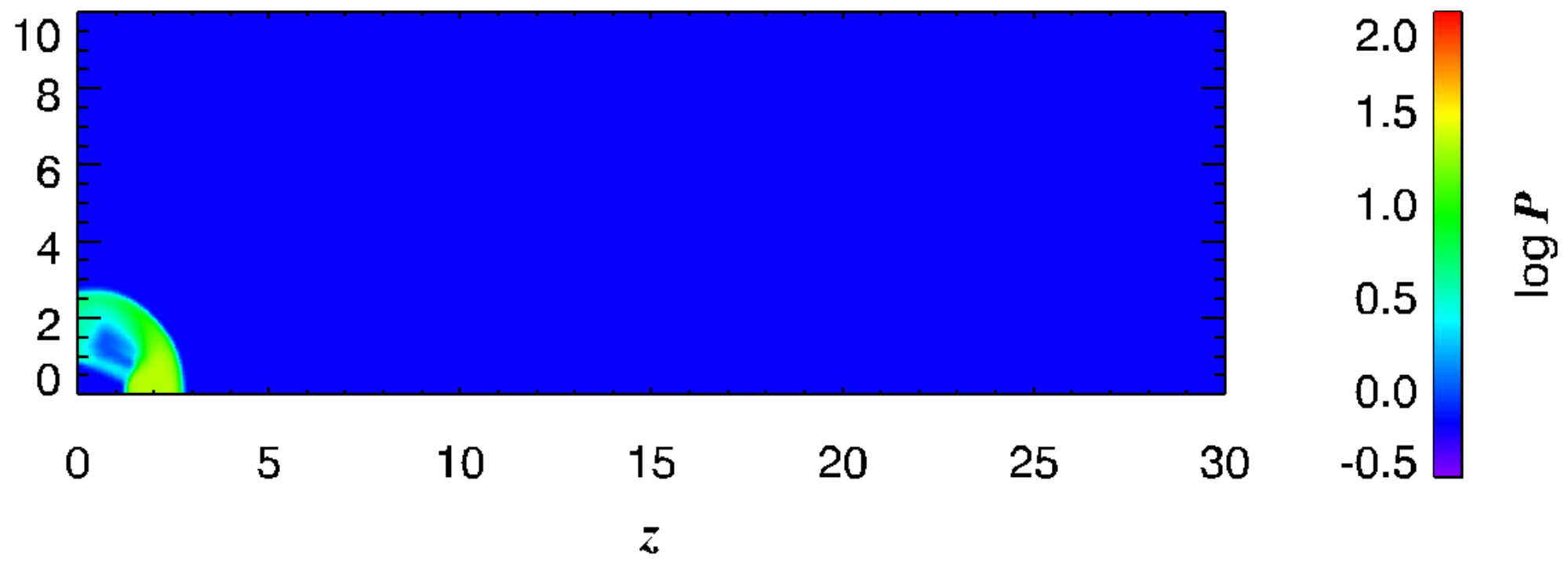
$t = 0.00$



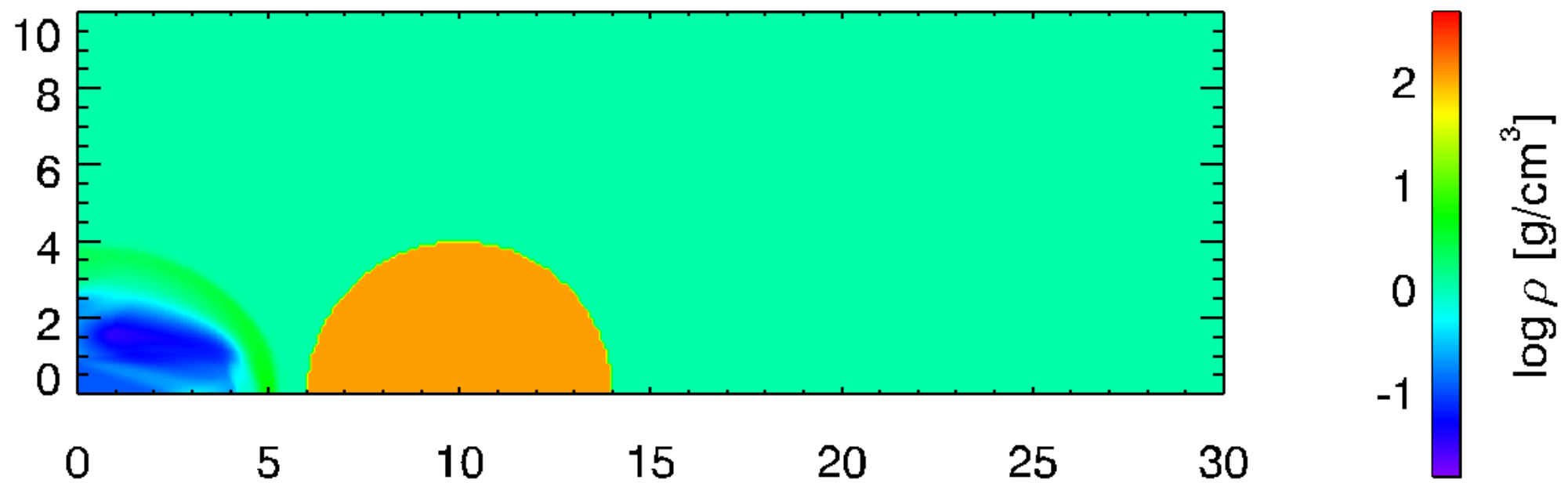
$t = 1.00$



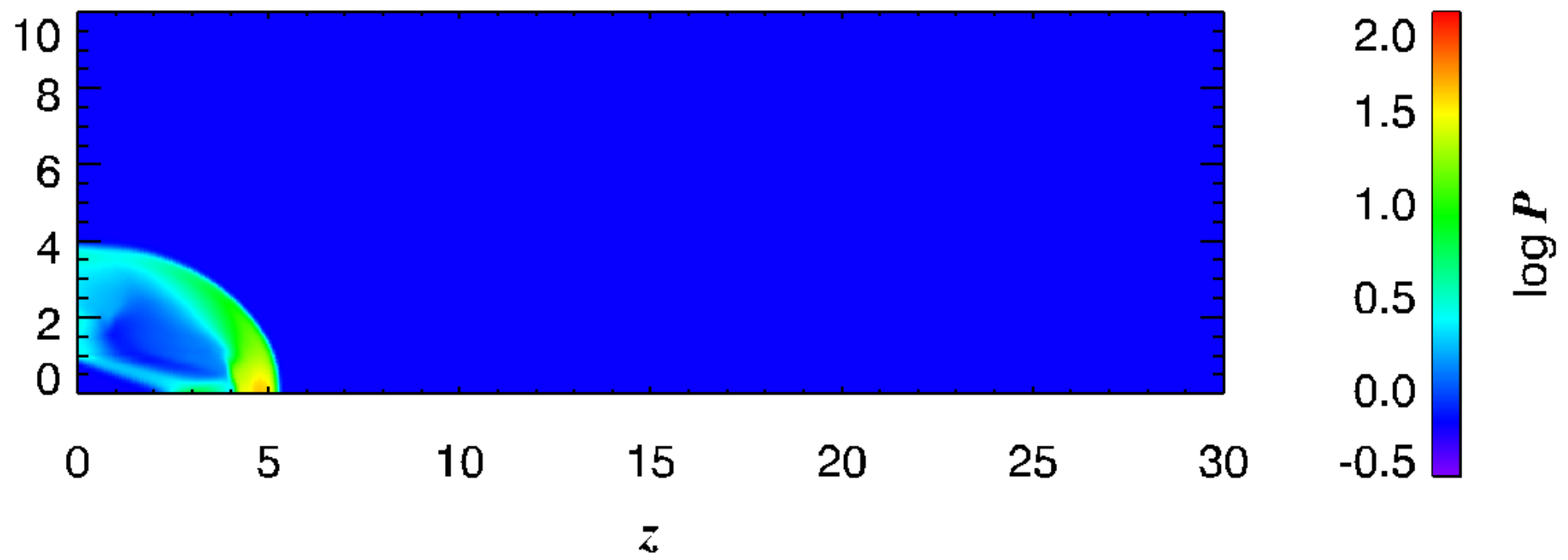
$t = 1.00$



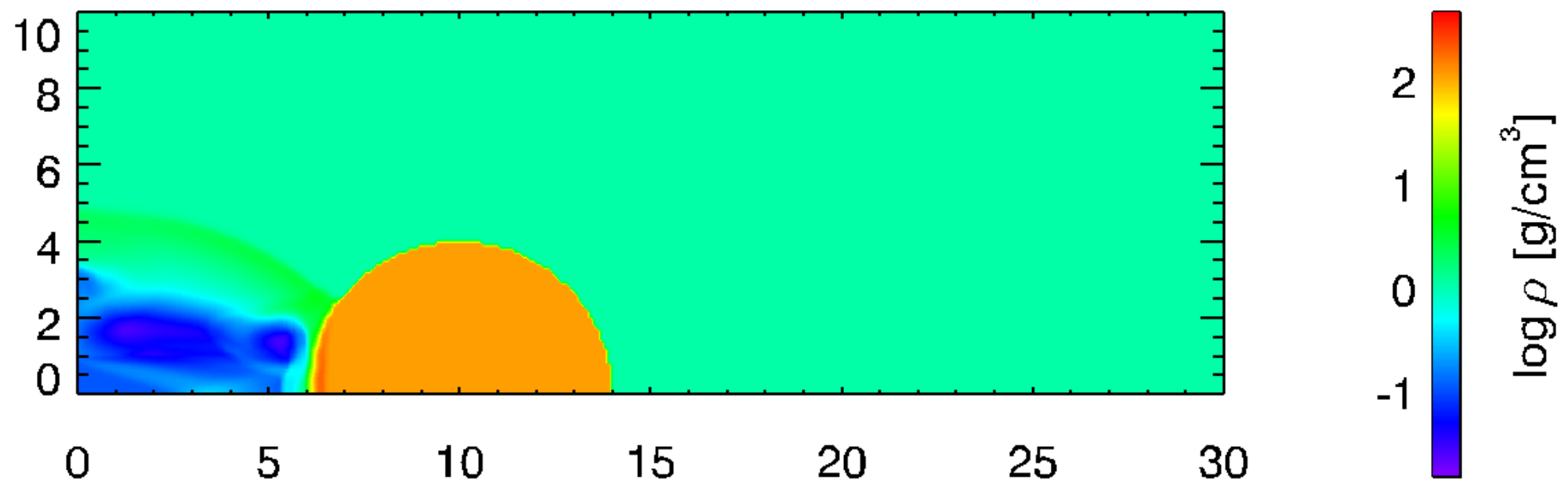
$t = 2.00$



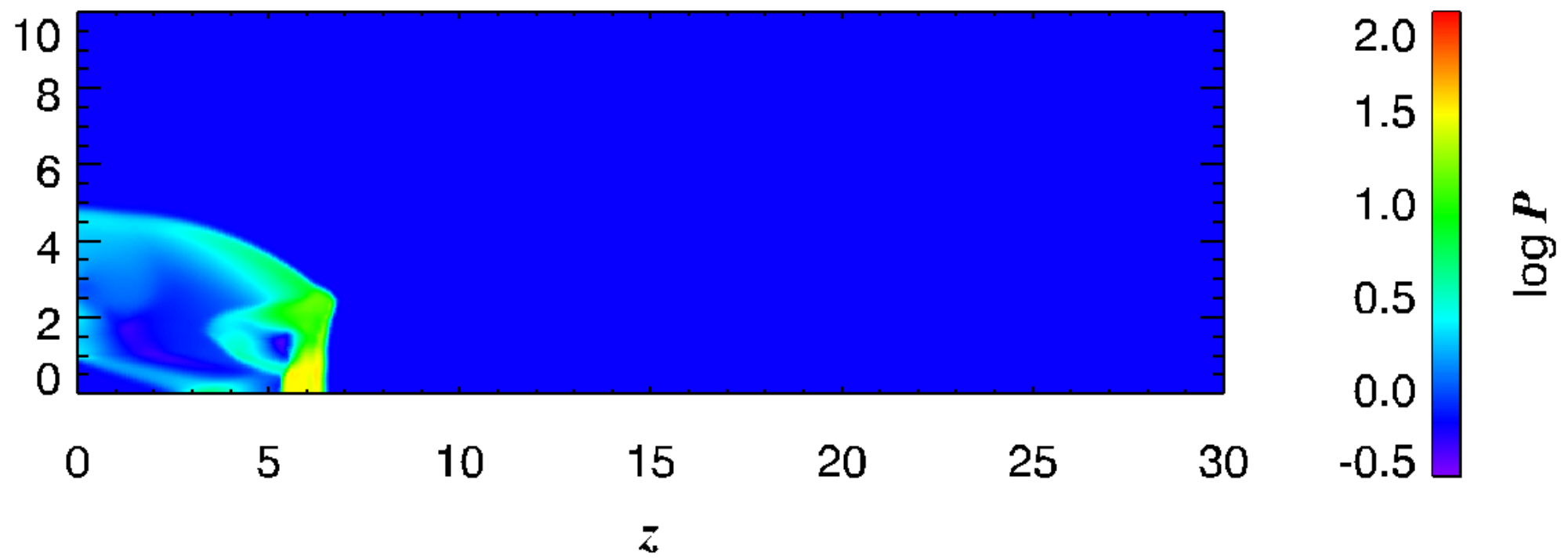
$t = 2.00$



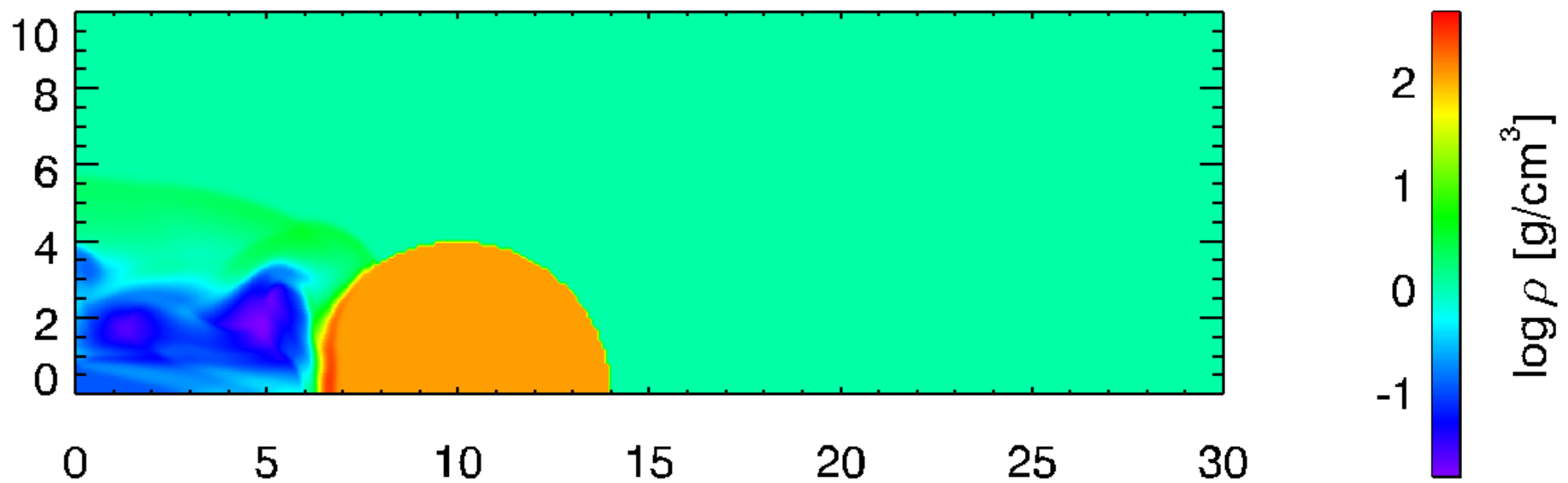
$t = 3.00$



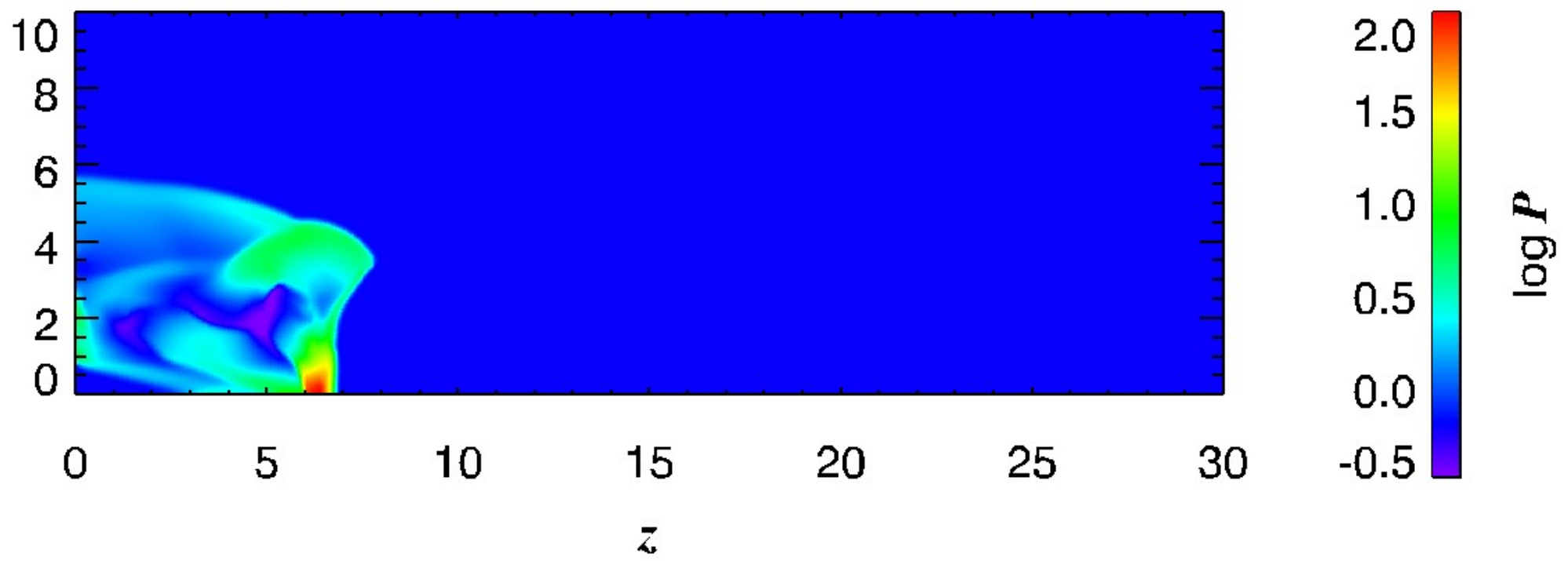
$t = 3.00$



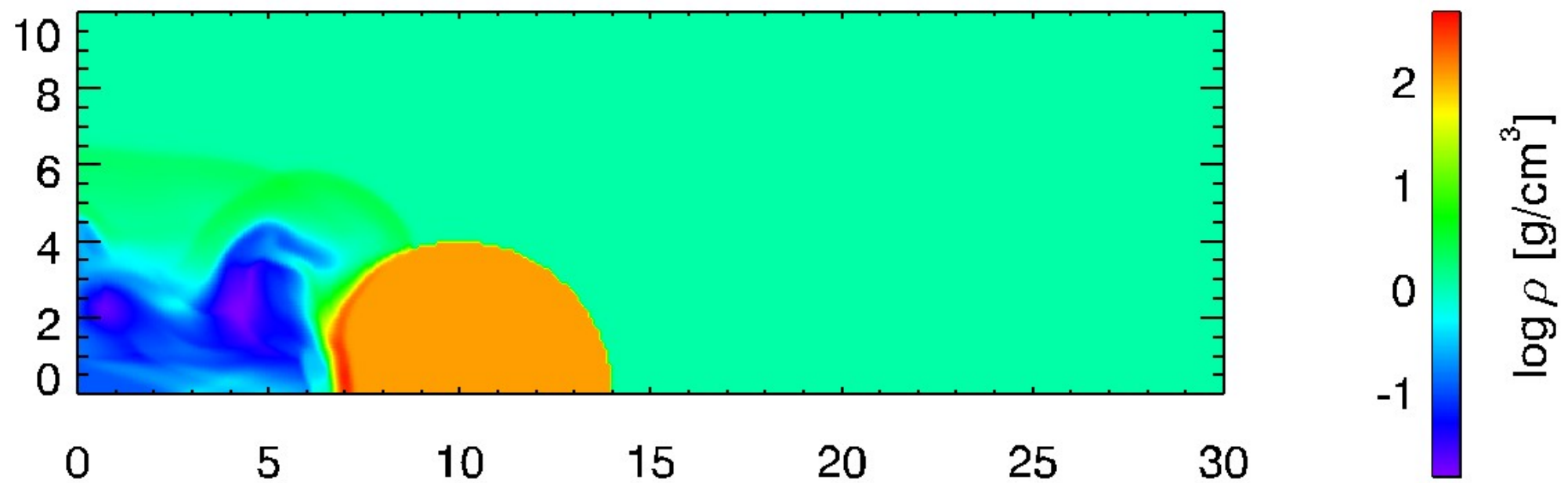
$t = 4.00$



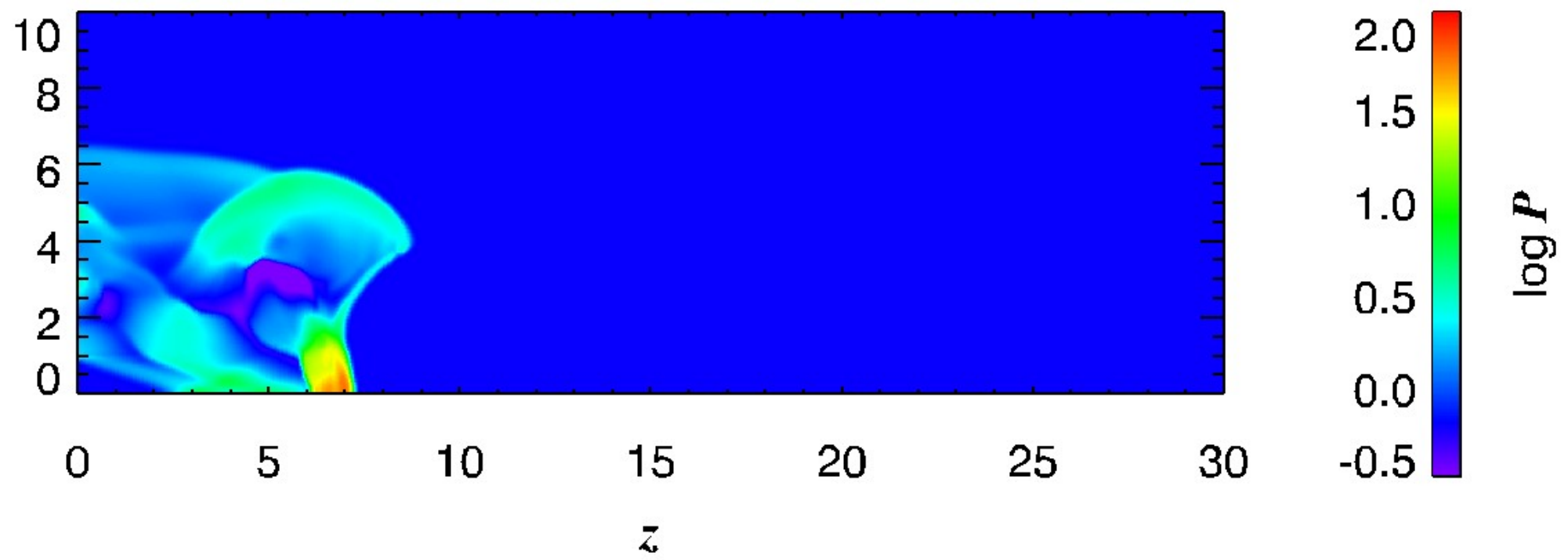
$t = 4.00$



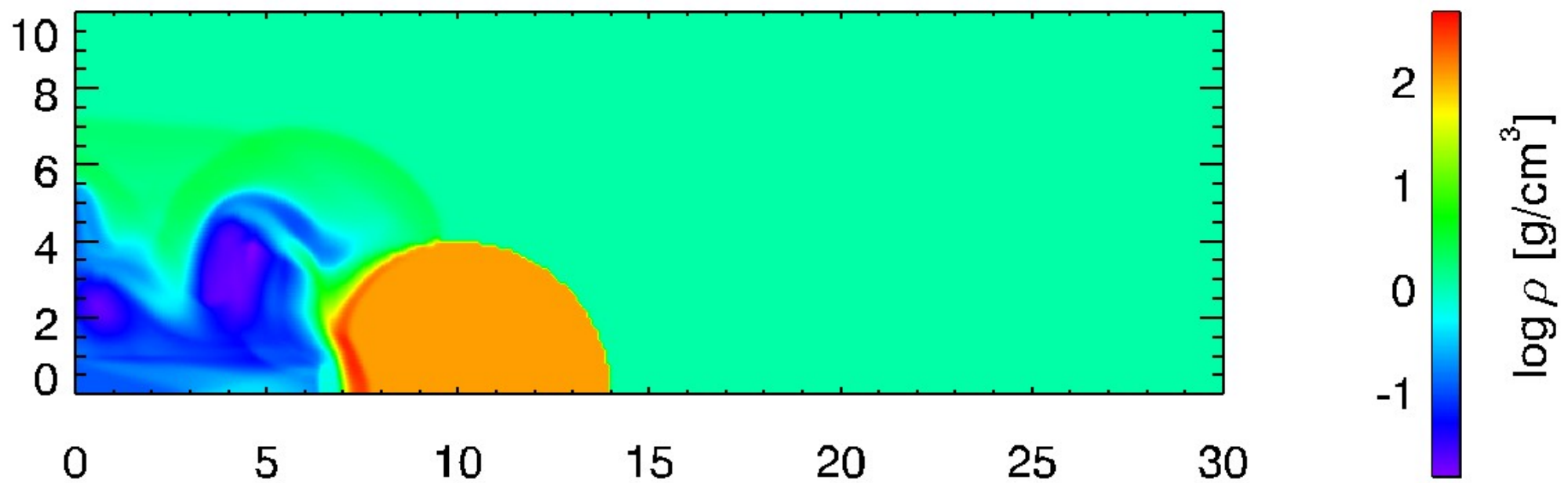
$t = 5.00$



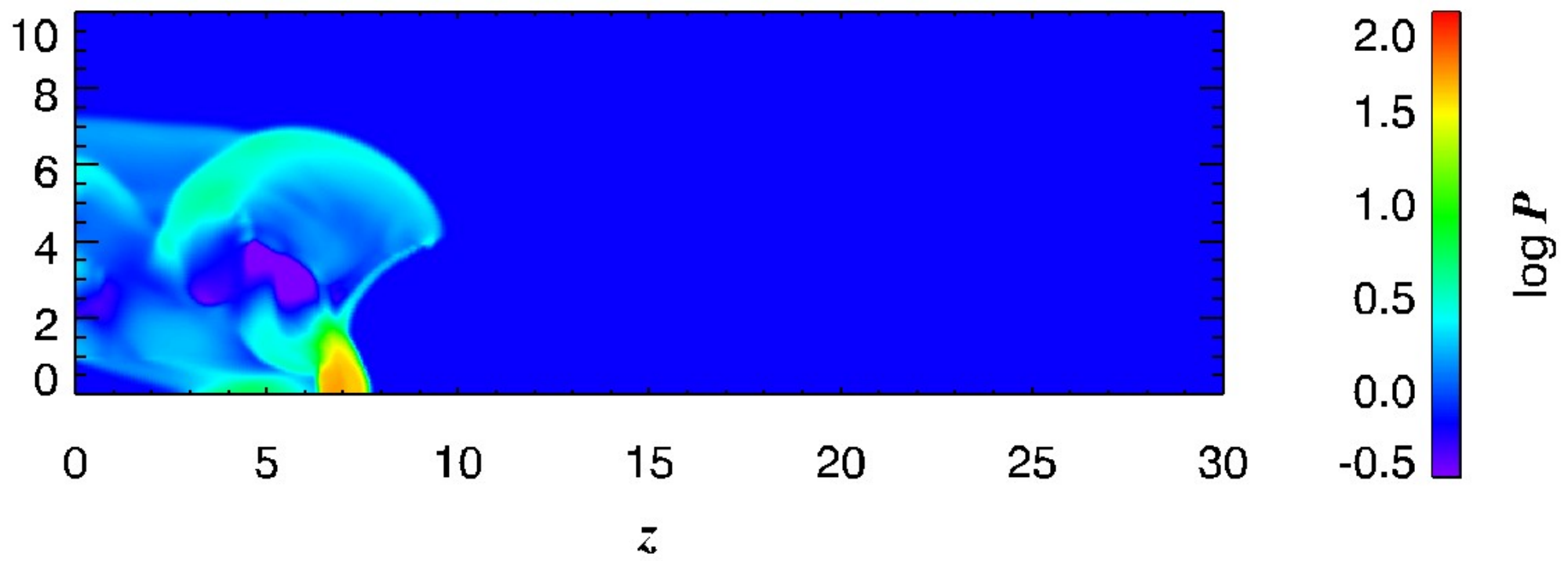
$t = 5.00$



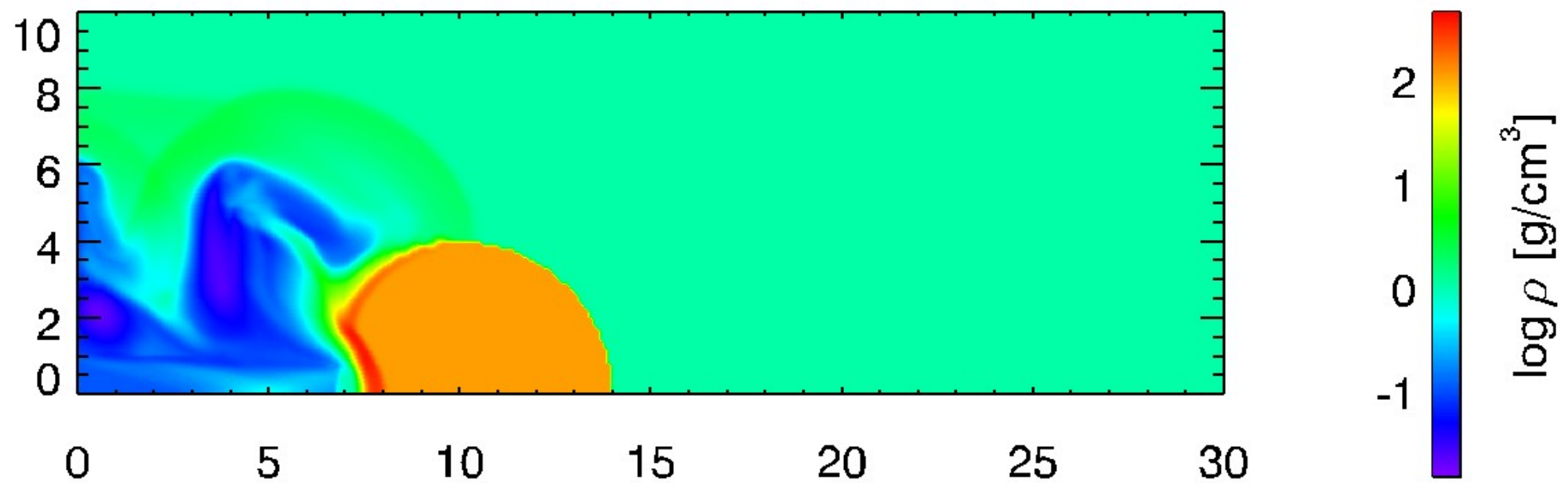
$t = 6.00$



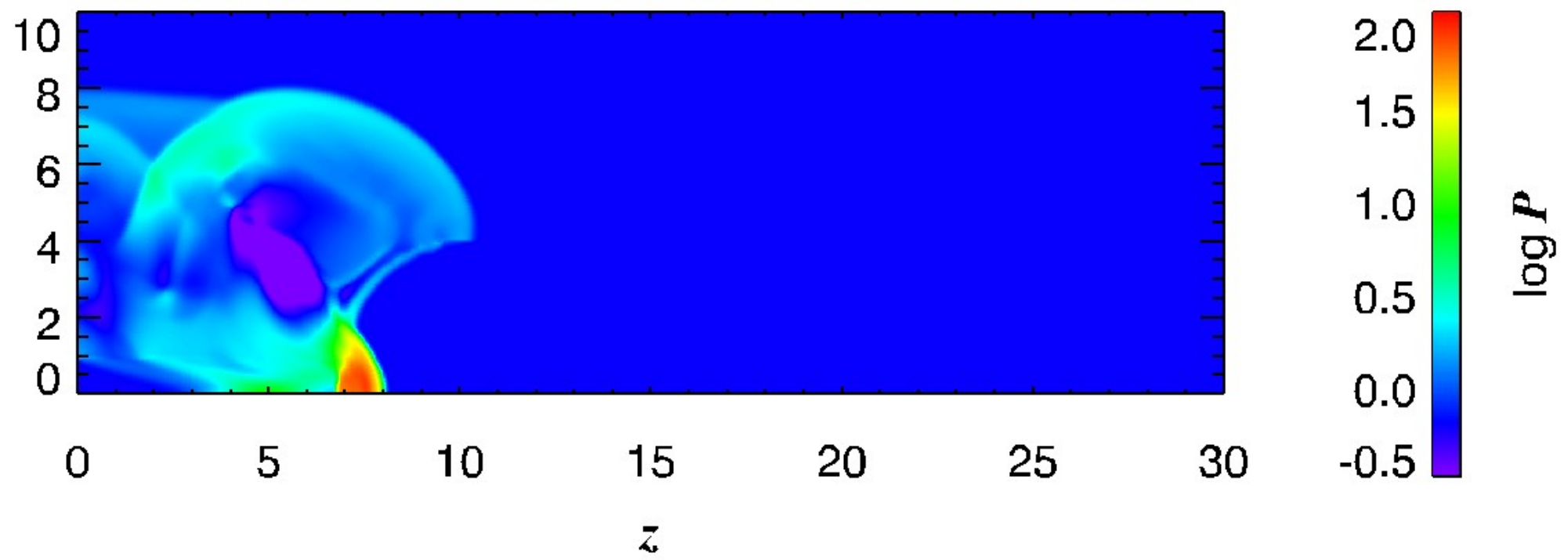
$t = 6.00$



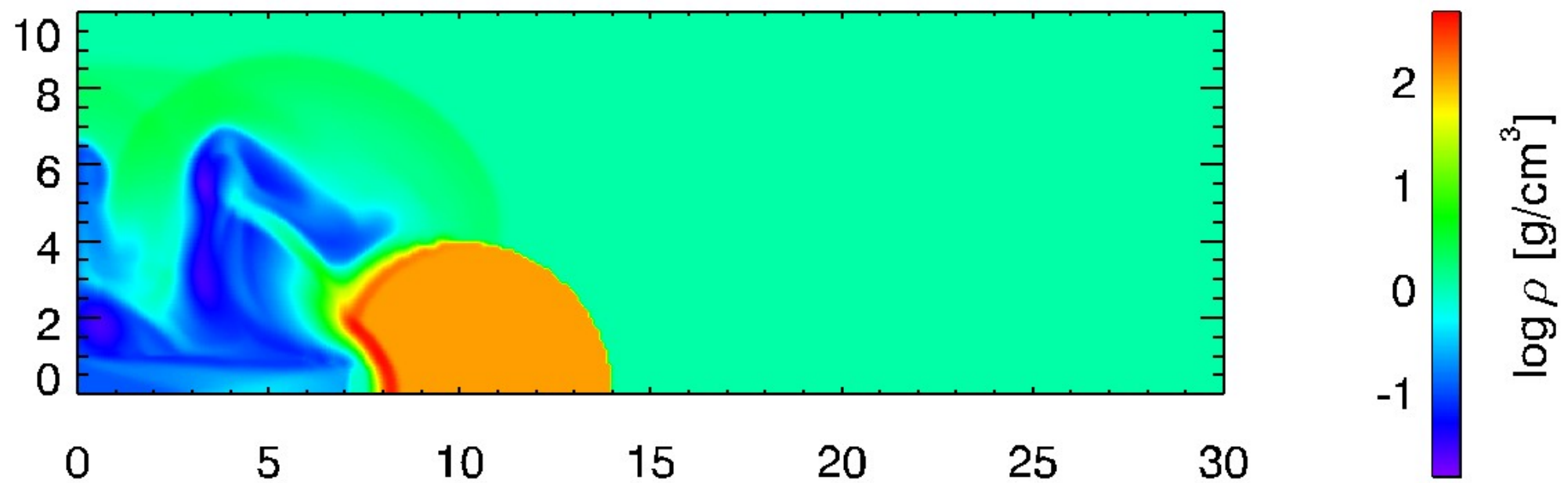
$t = 7.00$



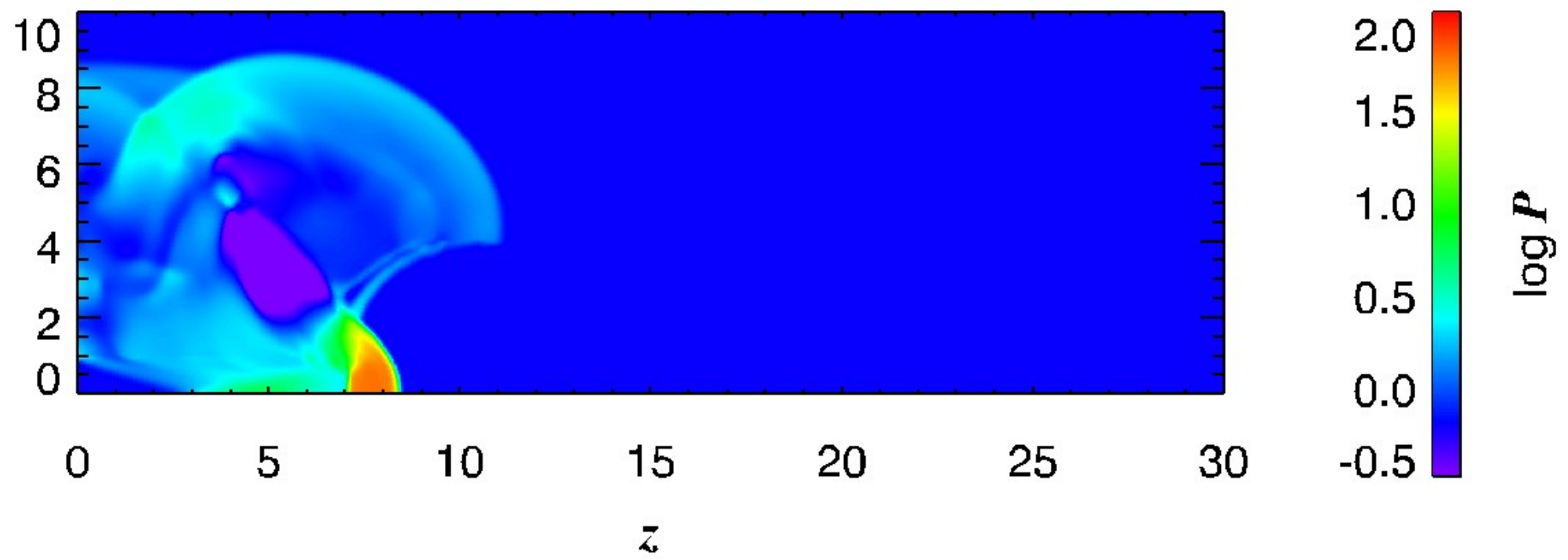
$t = 7.00$



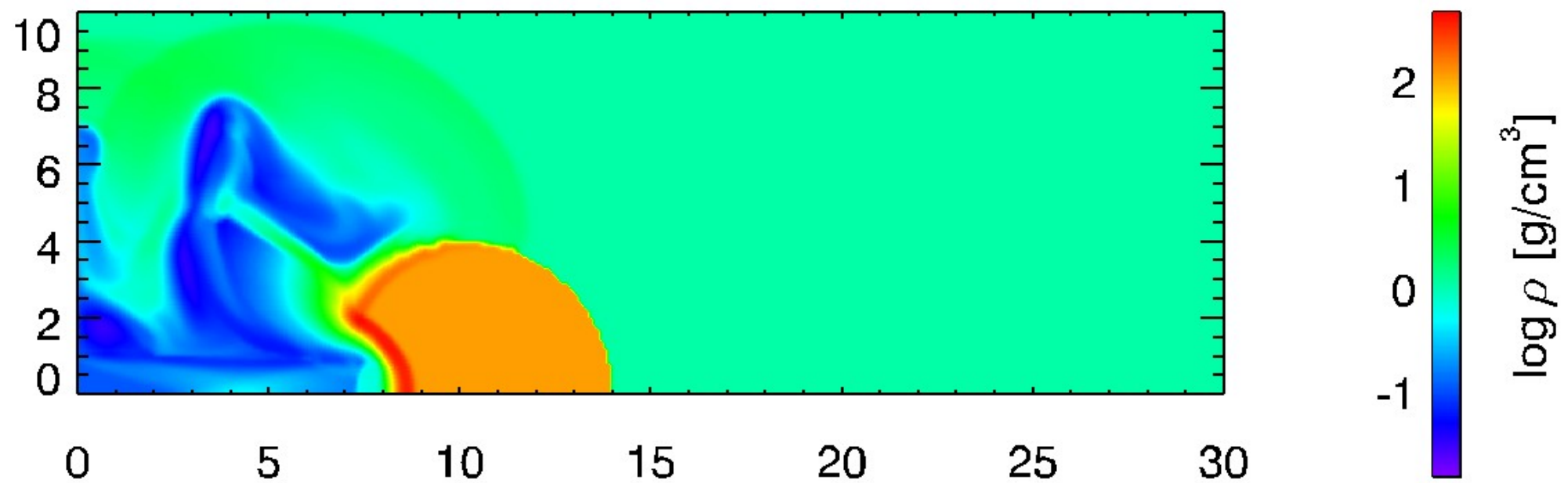
$t = 8.00$



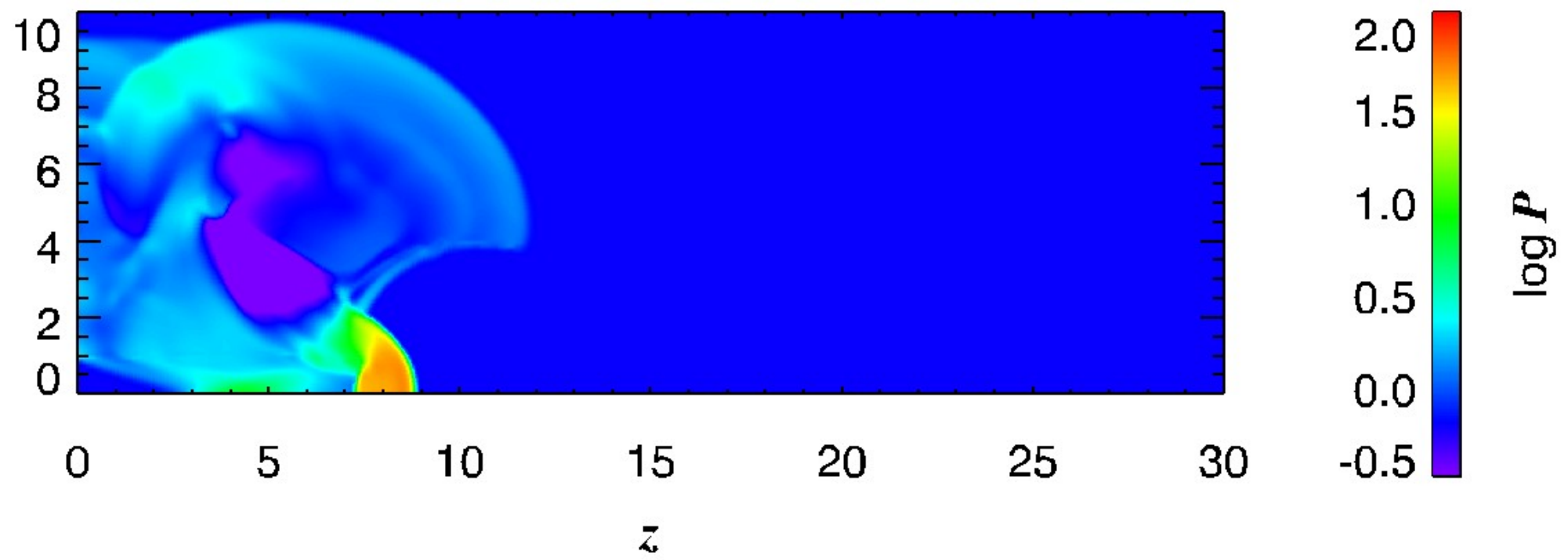
$t = 8.00$



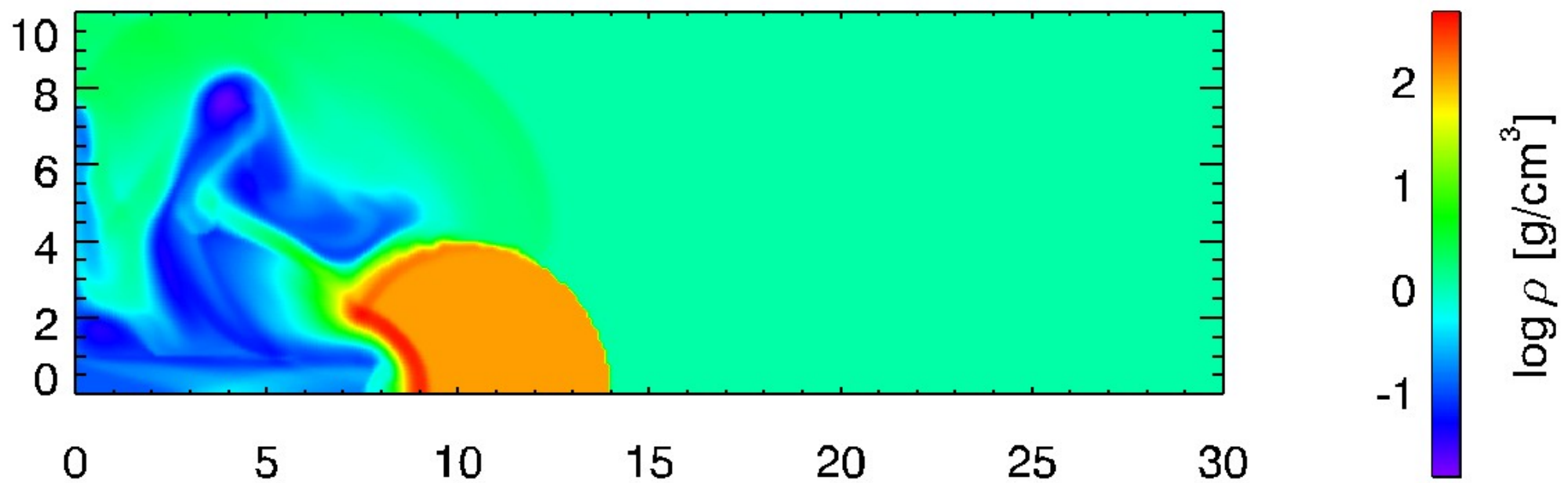
$t = 9.00$



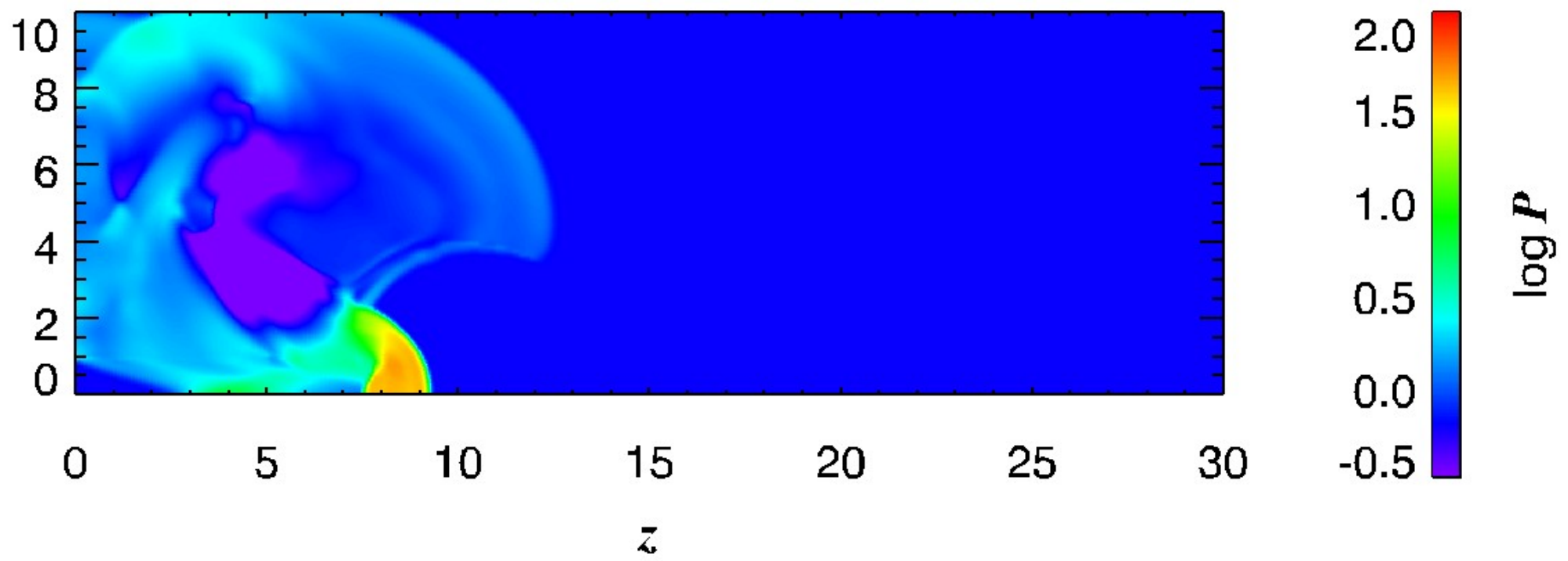
$t = 9.00$



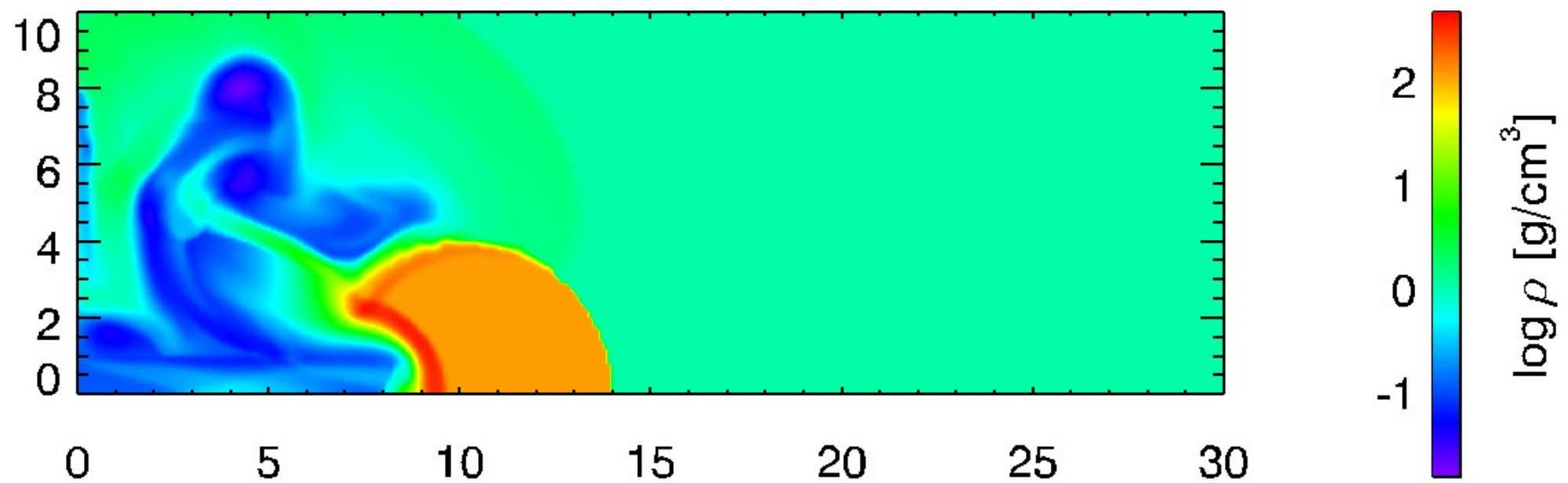
$t = 10.0$



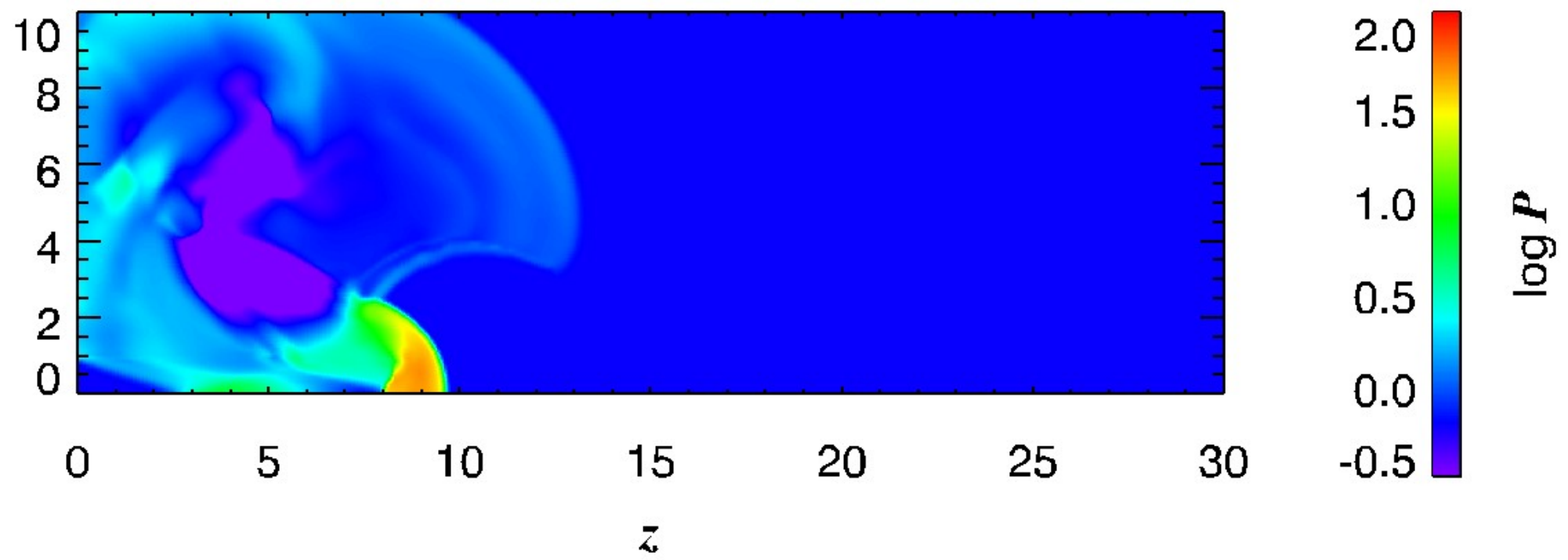
$t = 10.0$



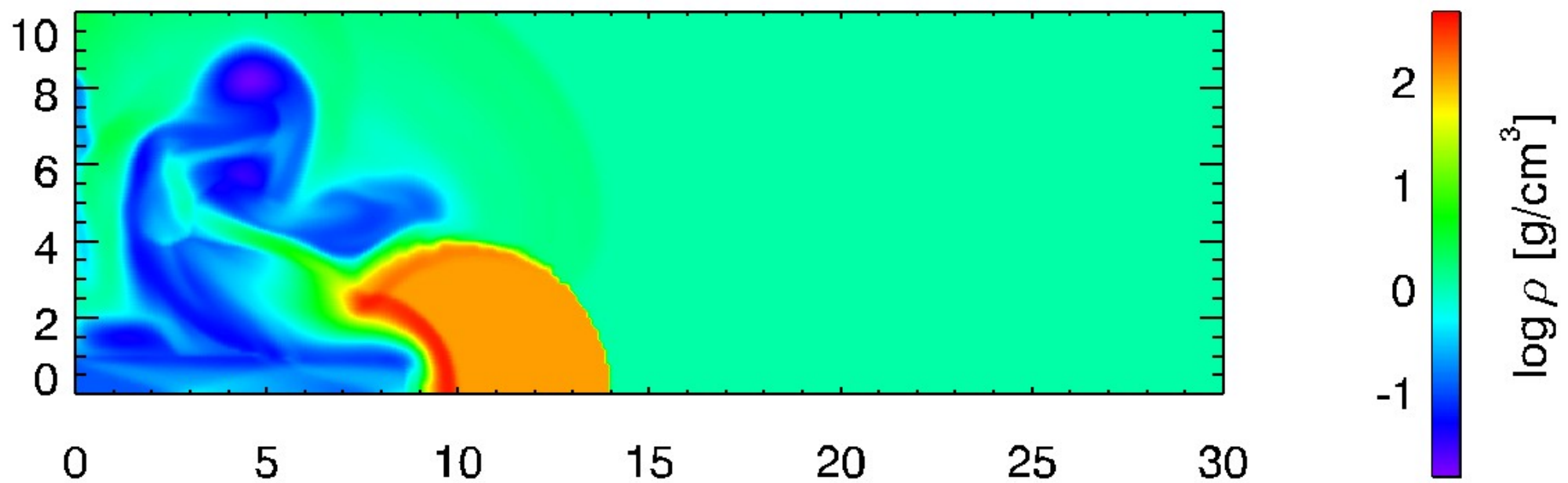
$t = 11.0$



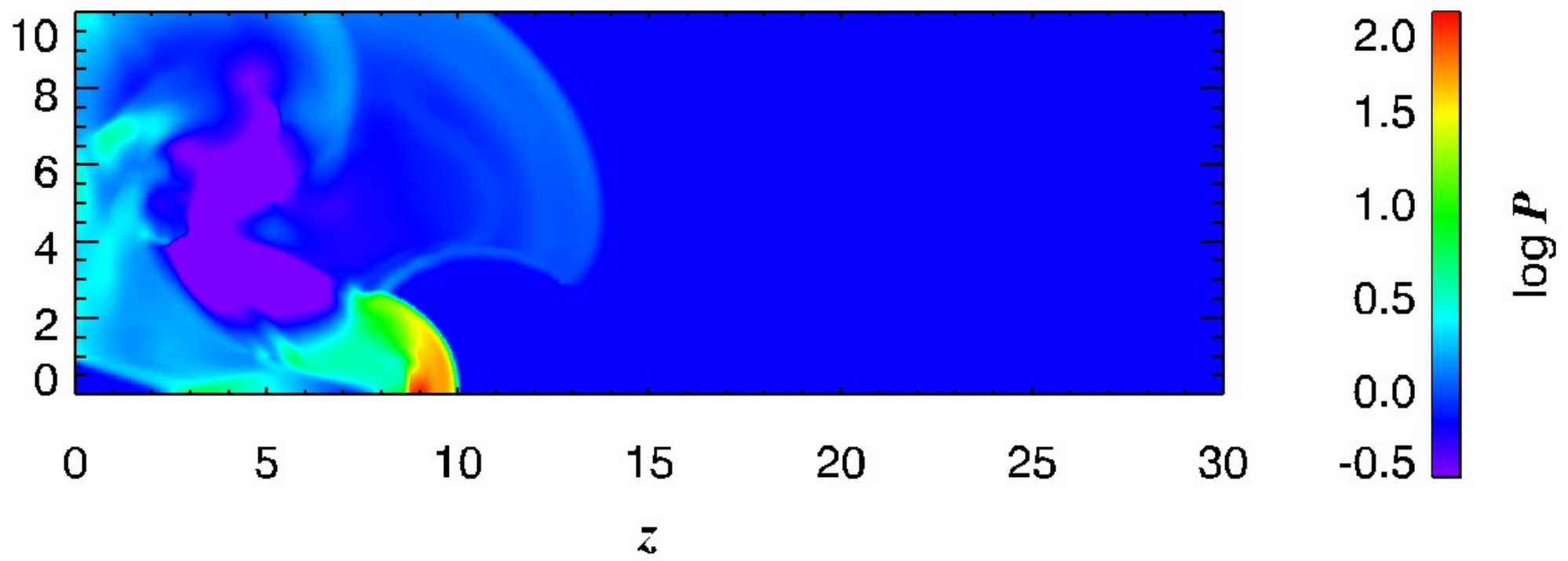
$t = 11.0$



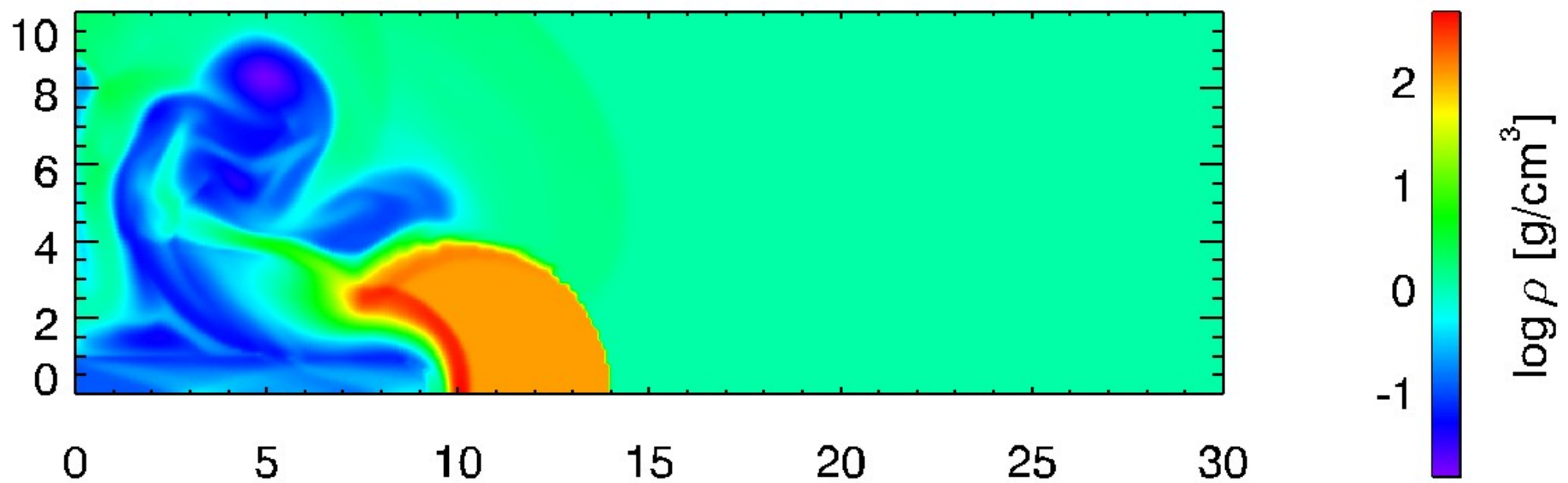
$t = 12.0$



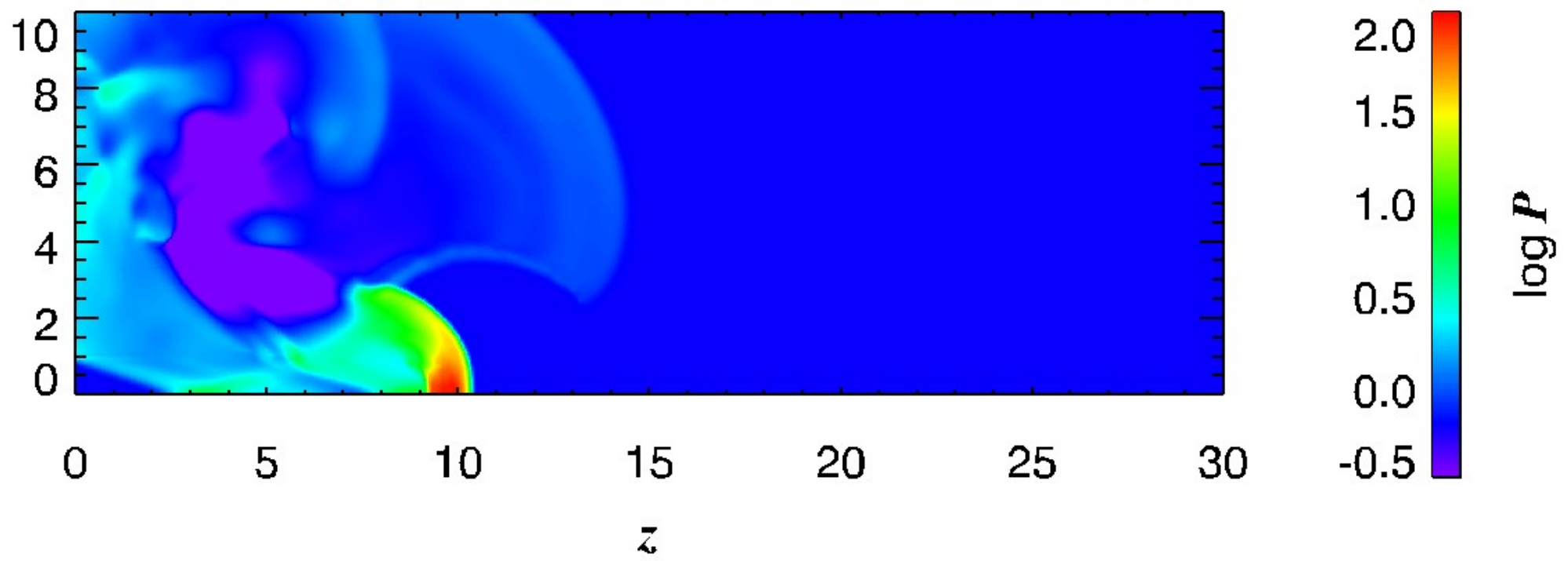
$t = 12.0$



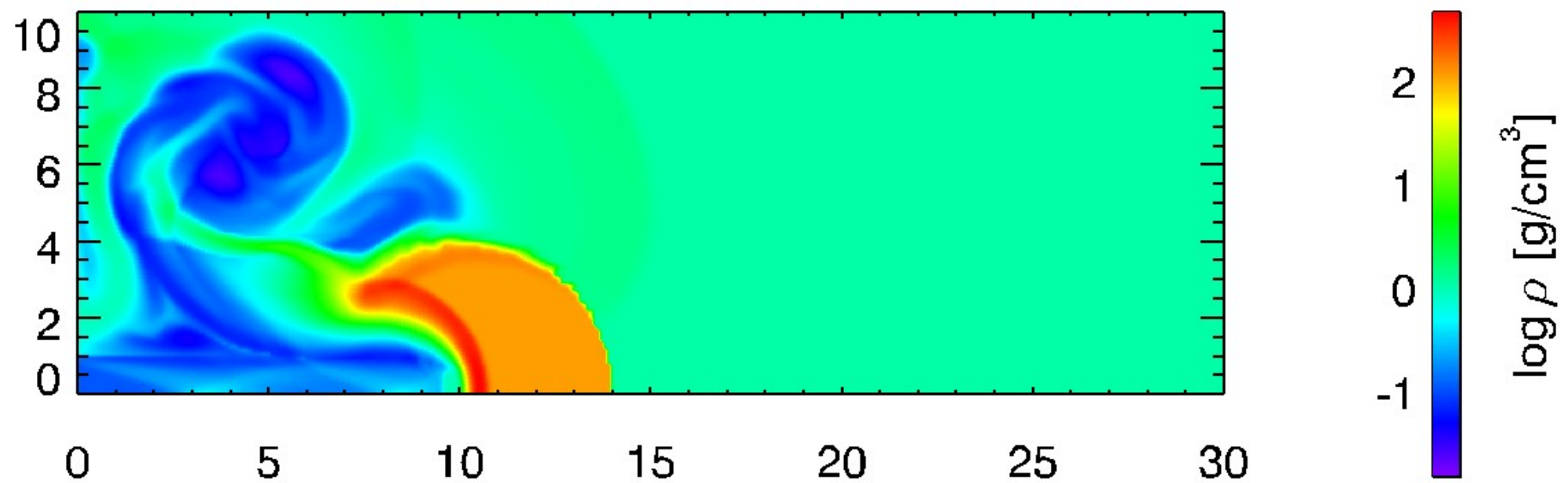
$t = 13.0$



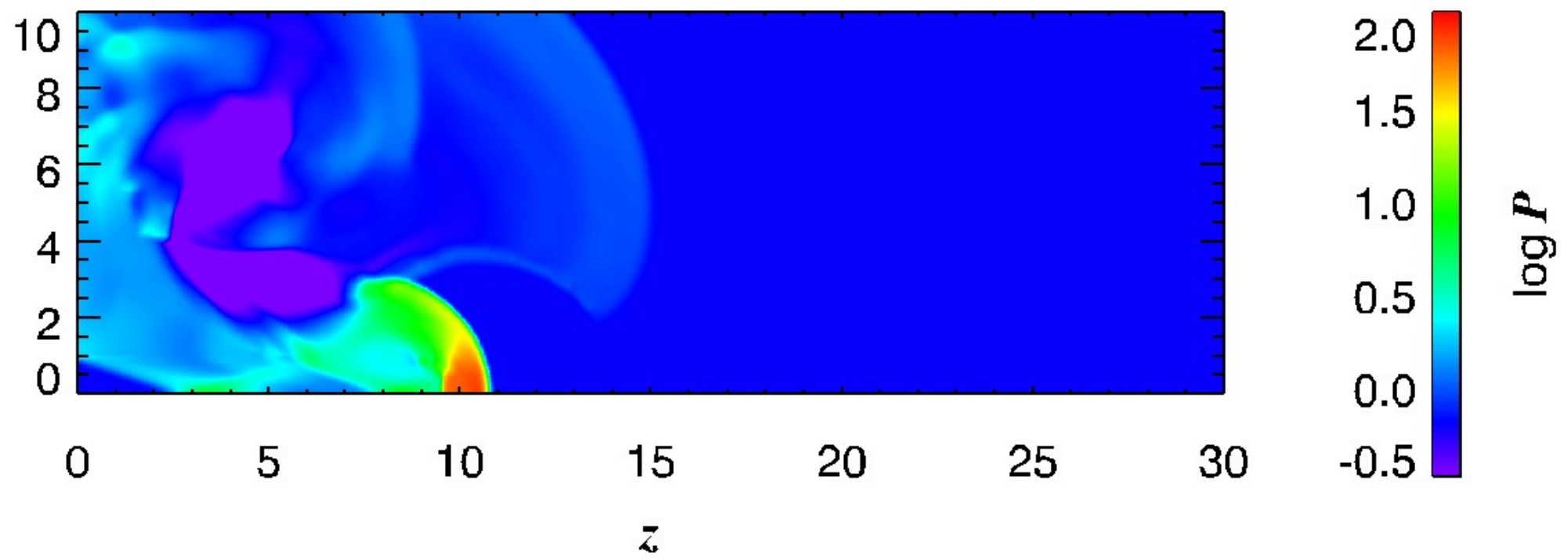
$t = 13.0$



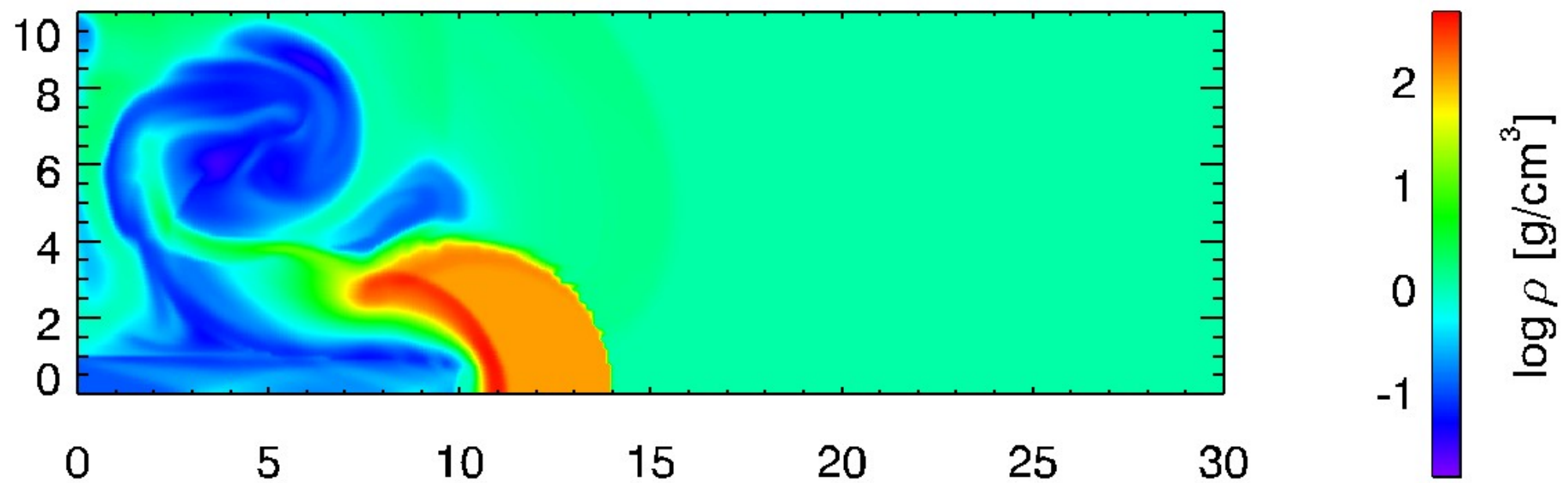
$t = 14.0$



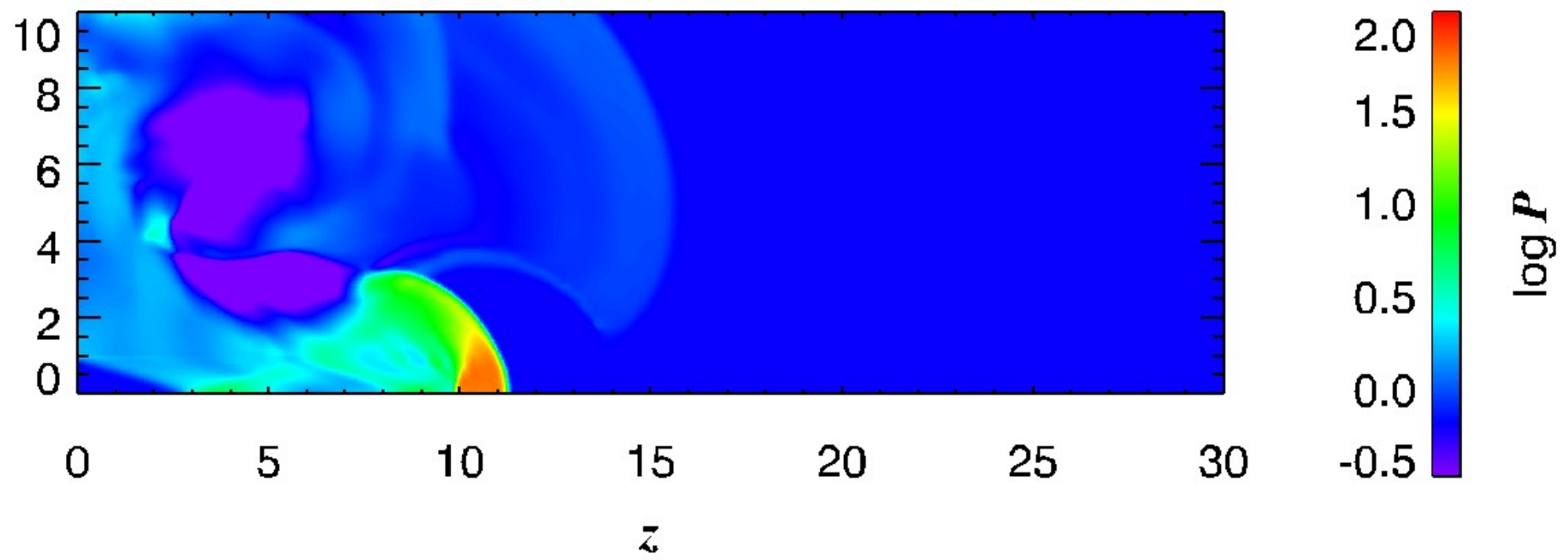
$t = 14.0$



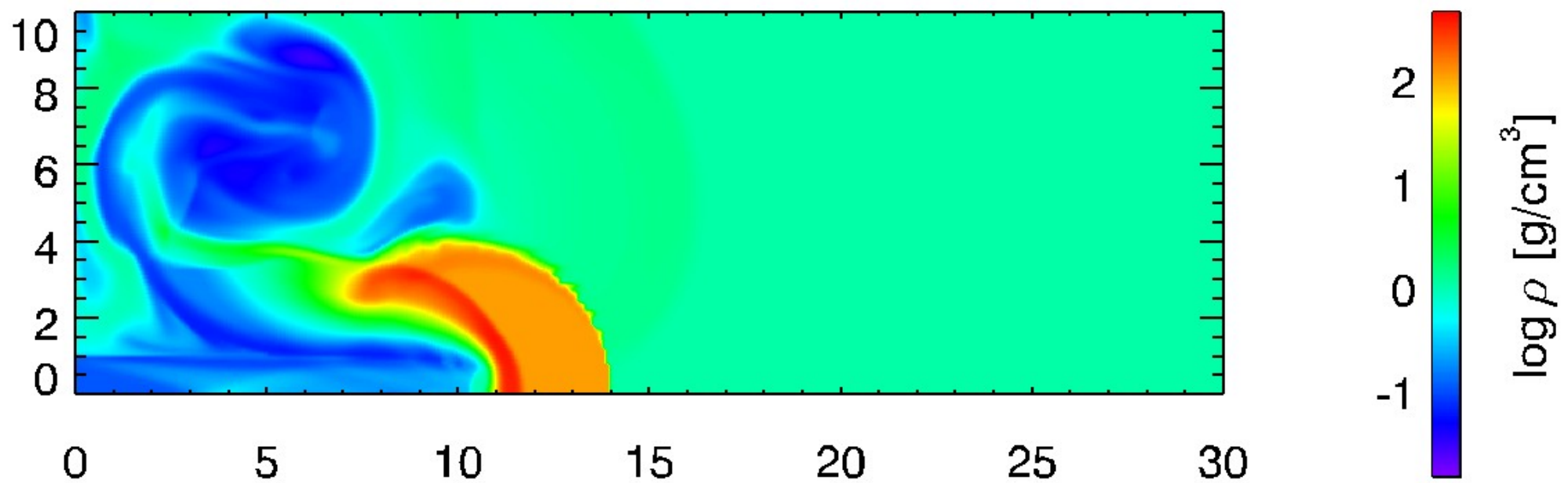
$t = 15.0$



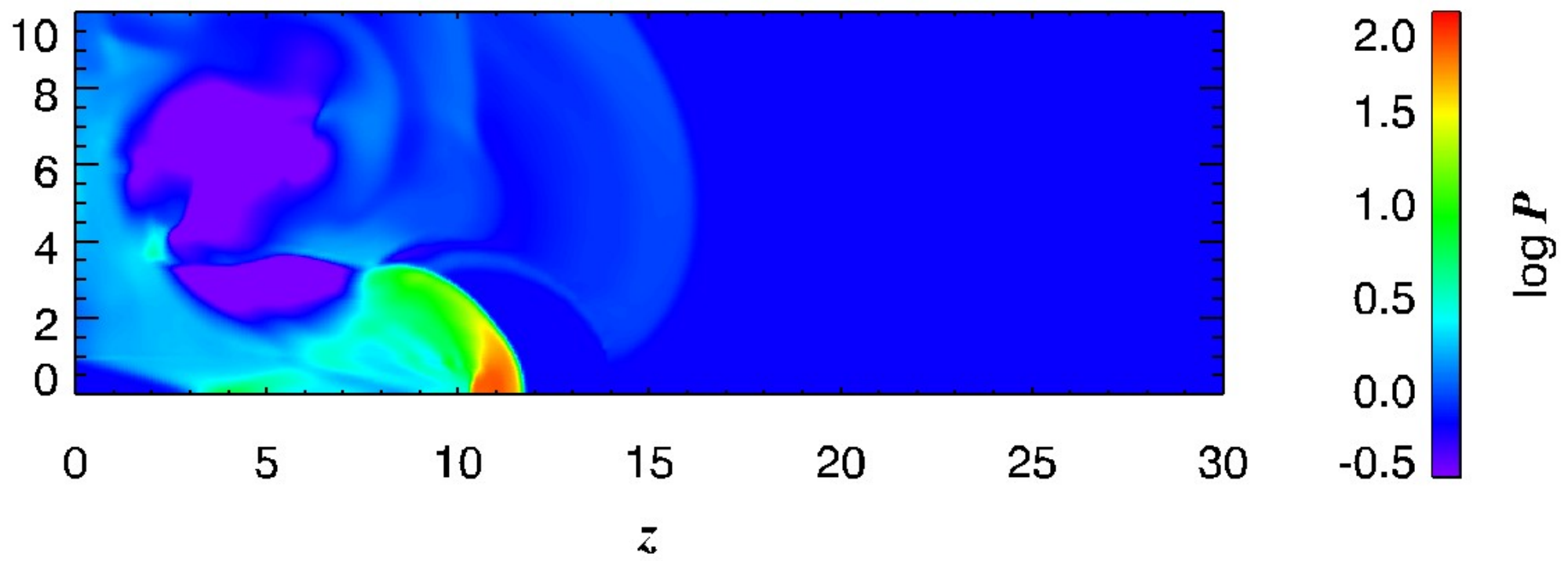
$t = 15.0$



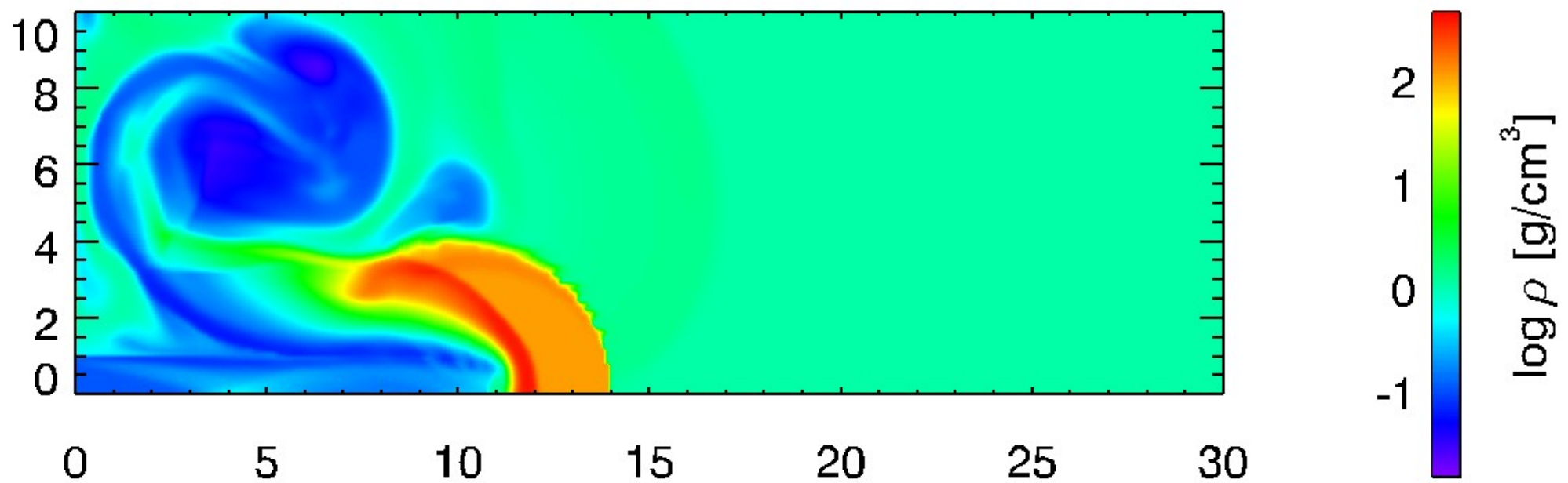
$t = 16.0$



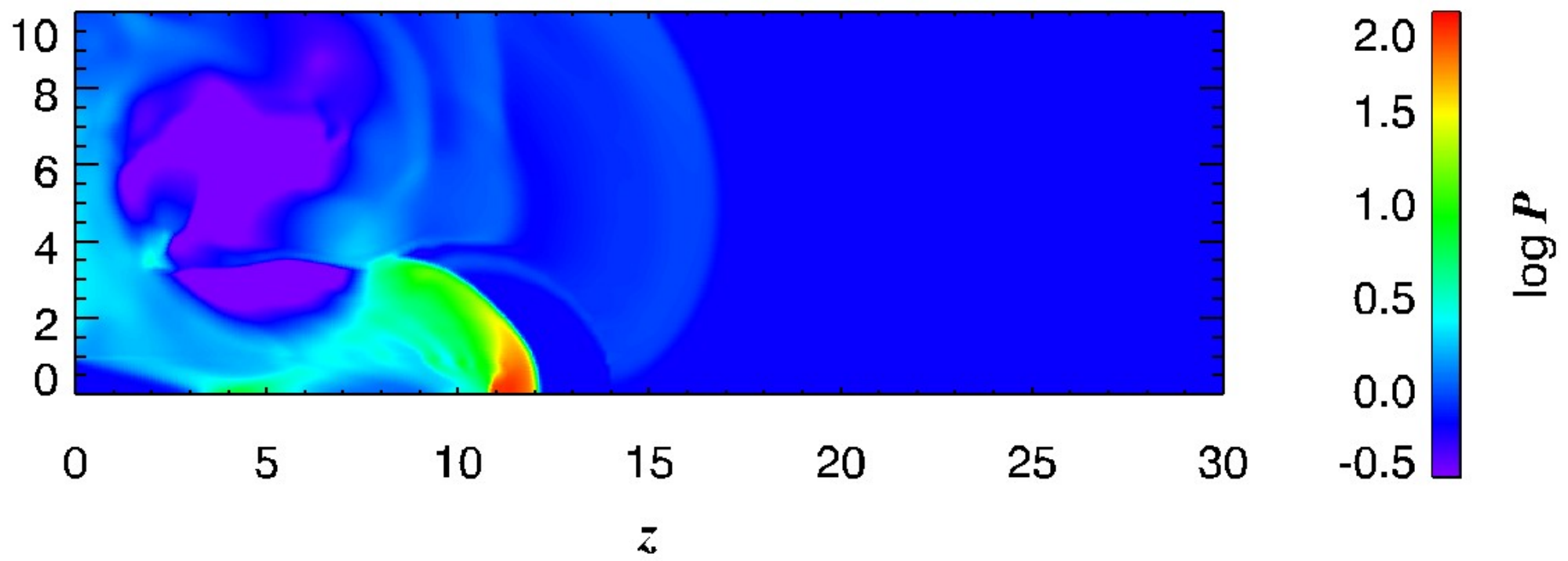
$t = 16.0$



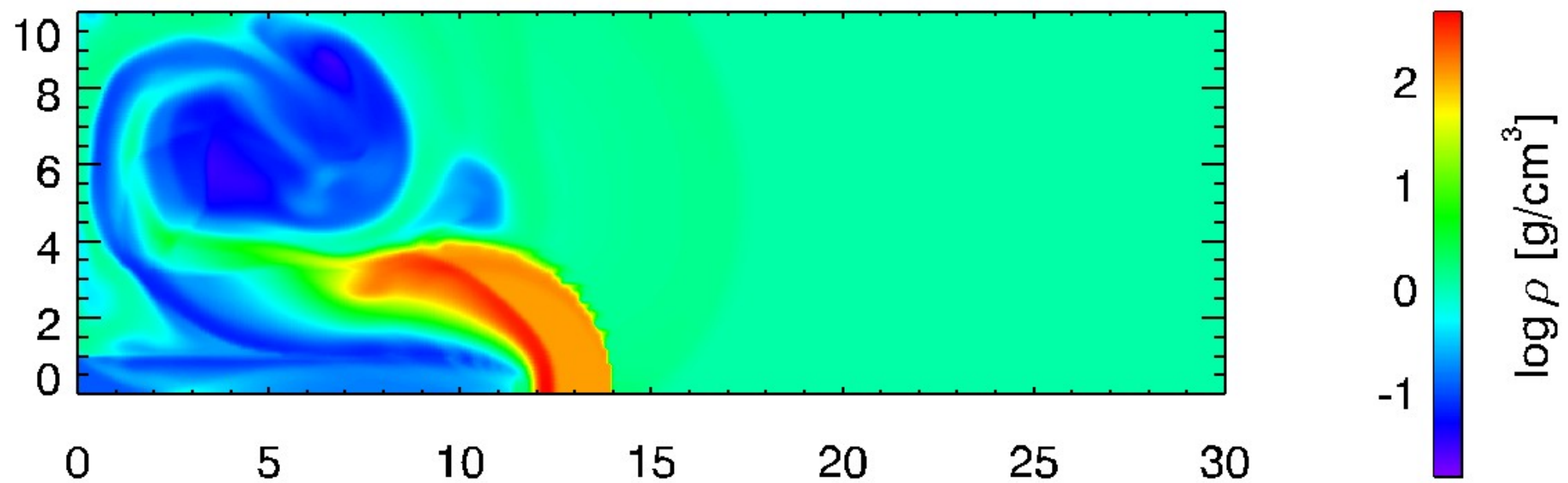
$t = 17.0$



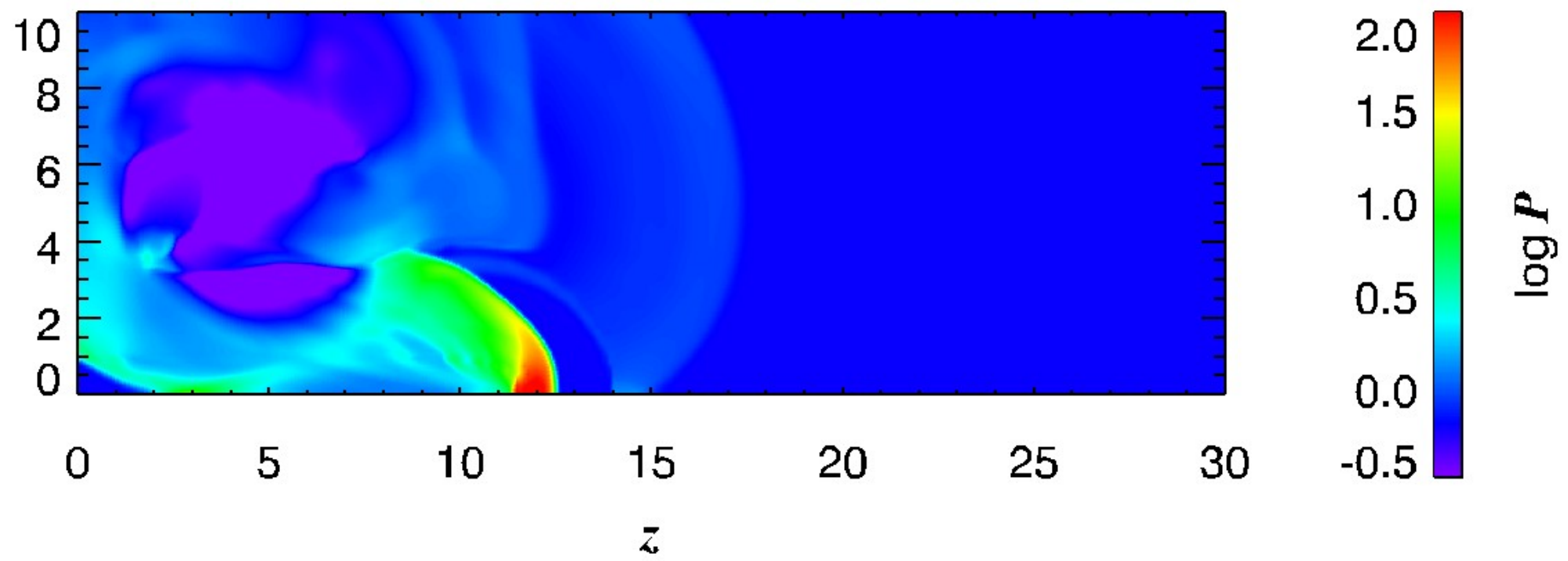
$t = 17.0$



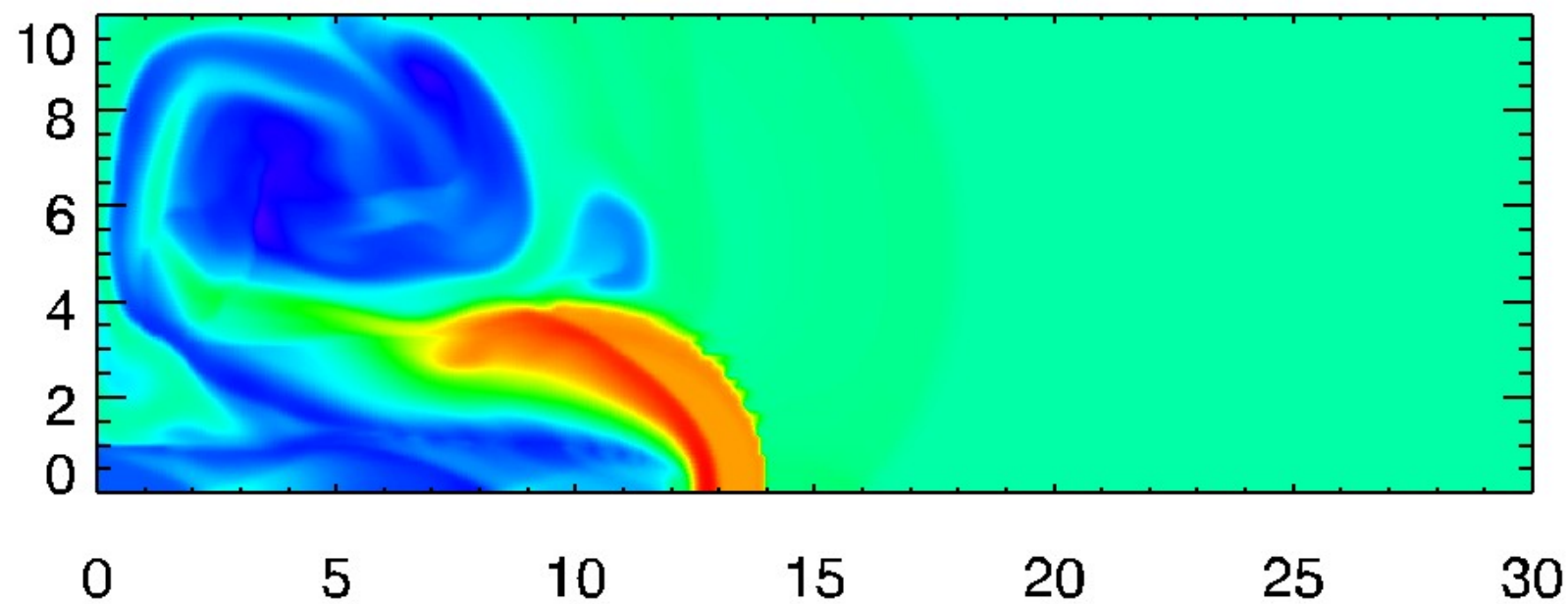
$t = 18.0$



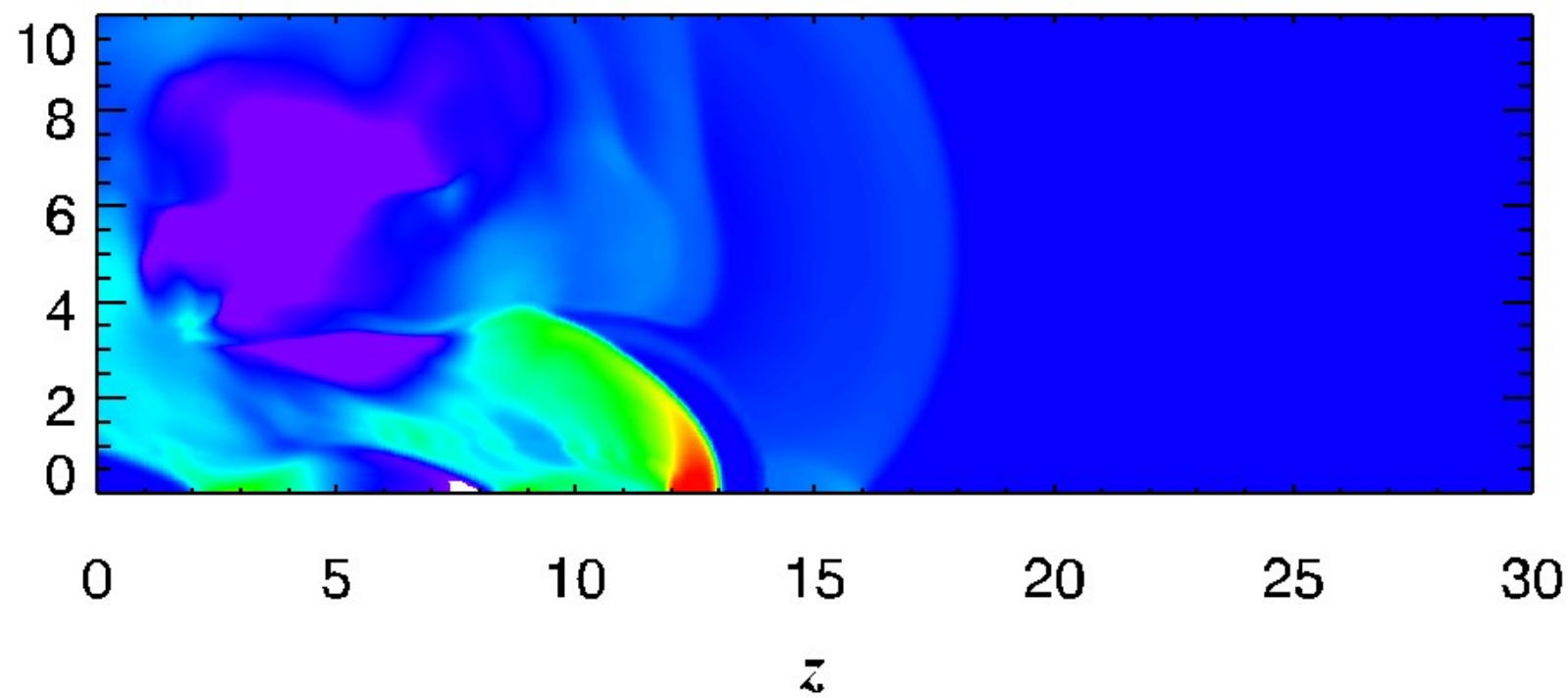
$t = 18.0$



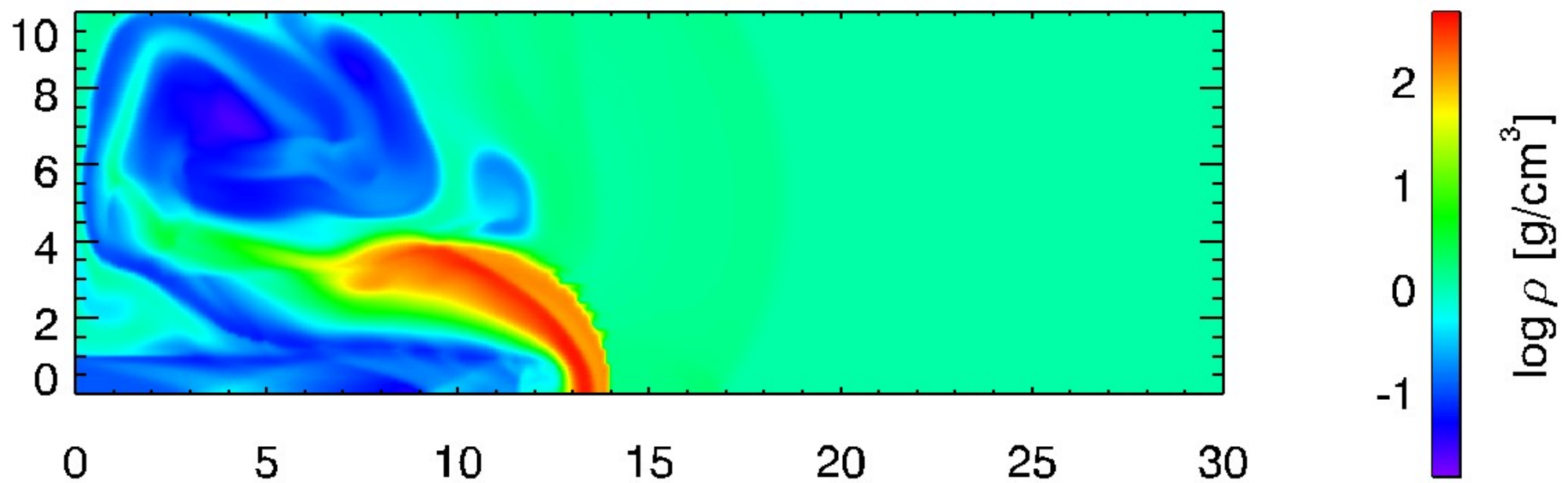
$t = 19.0$



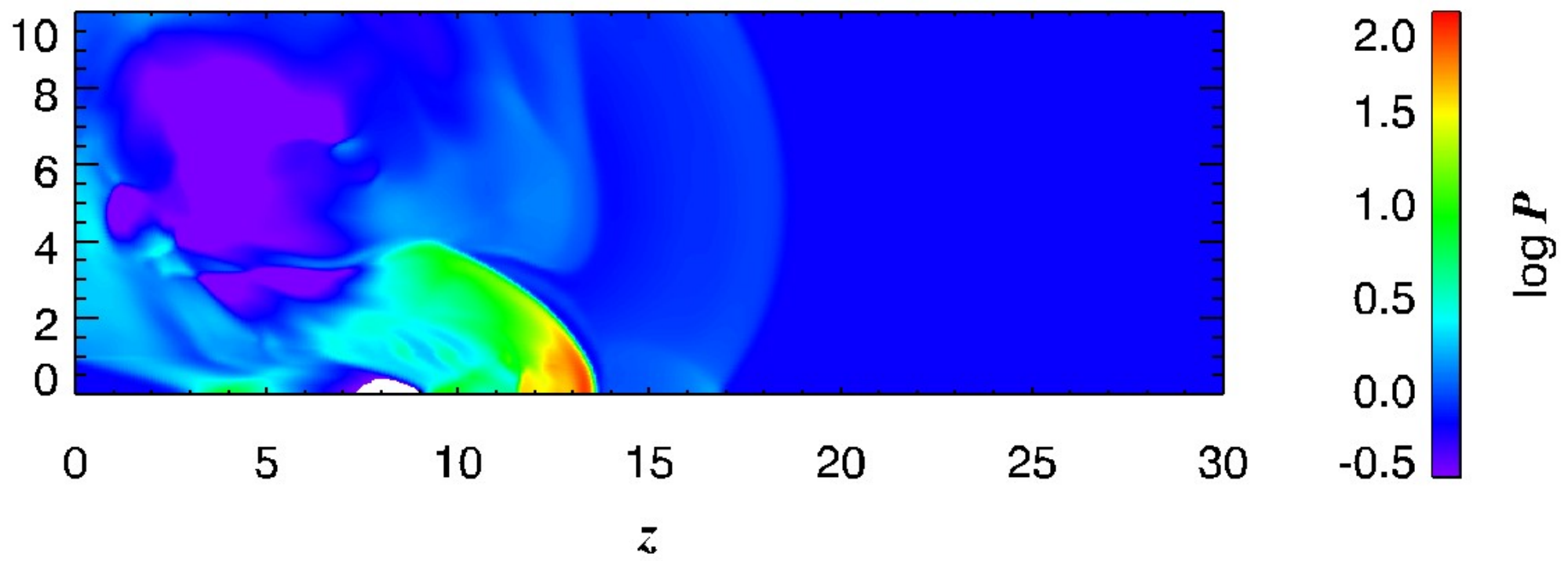
$t = 19.0$



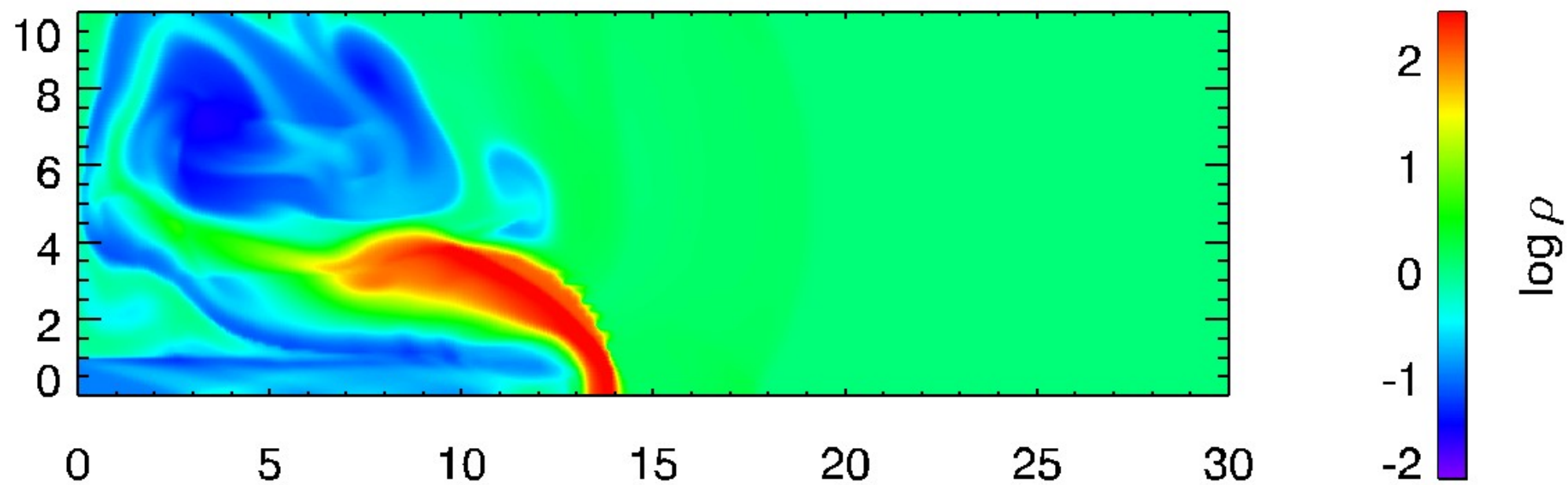
$t = 20.0$



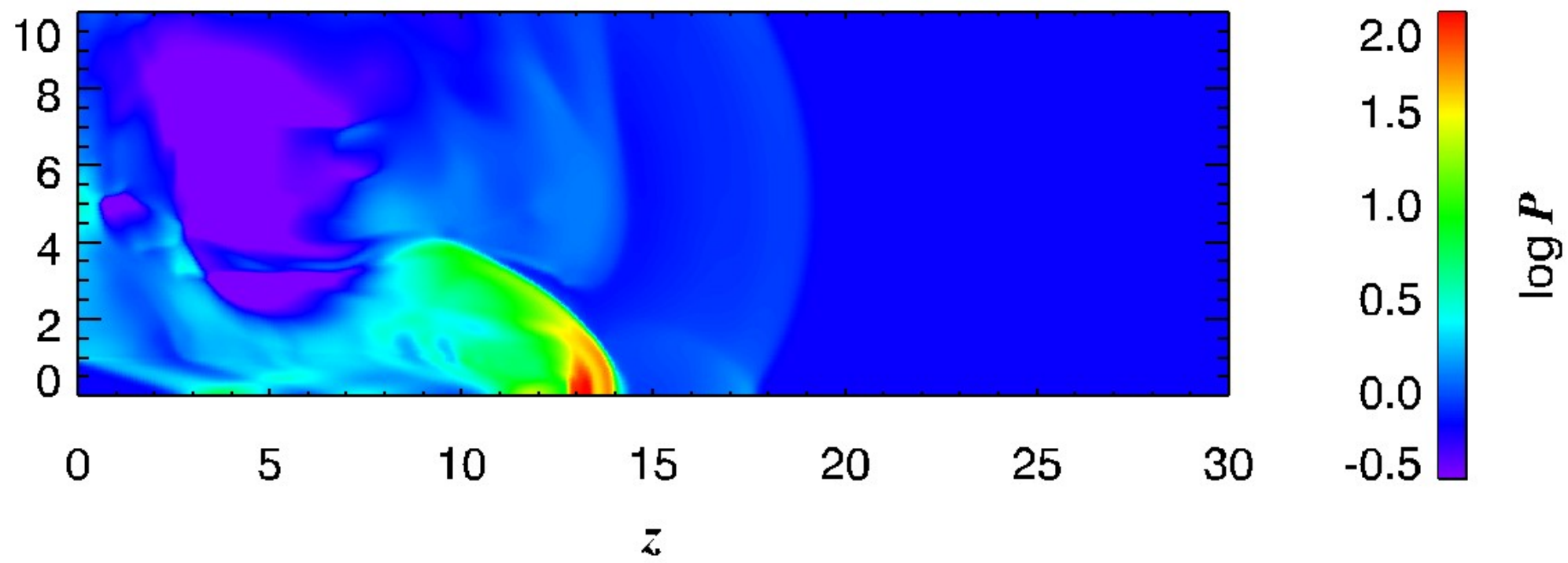
$t = 20.0$



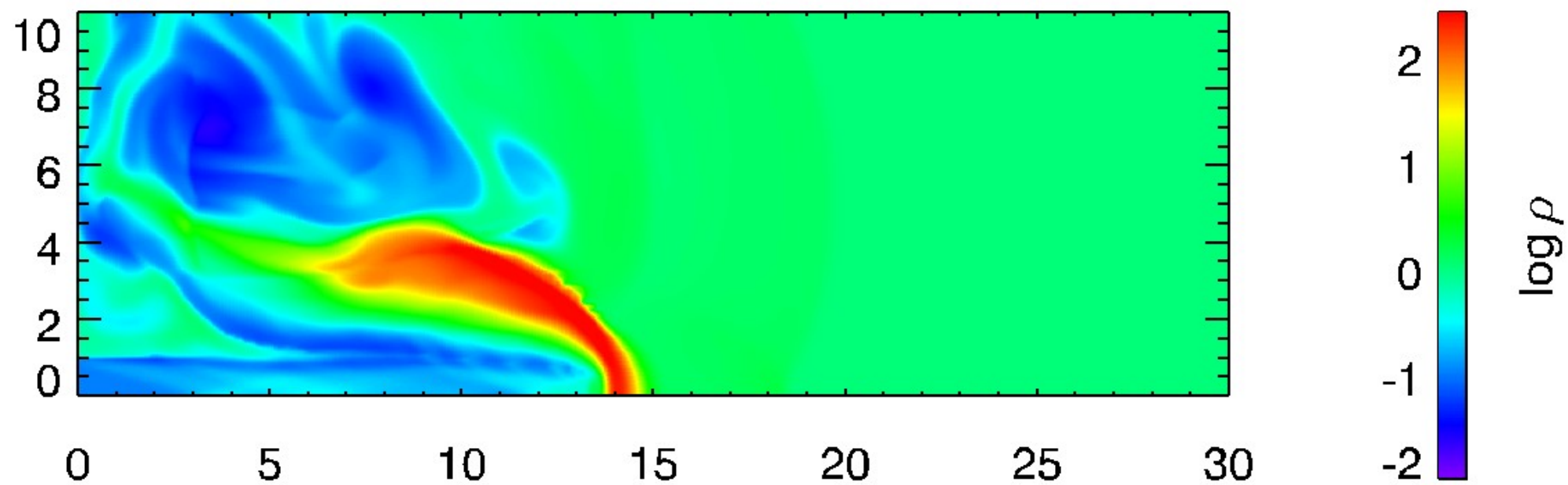
$t = 21.0$



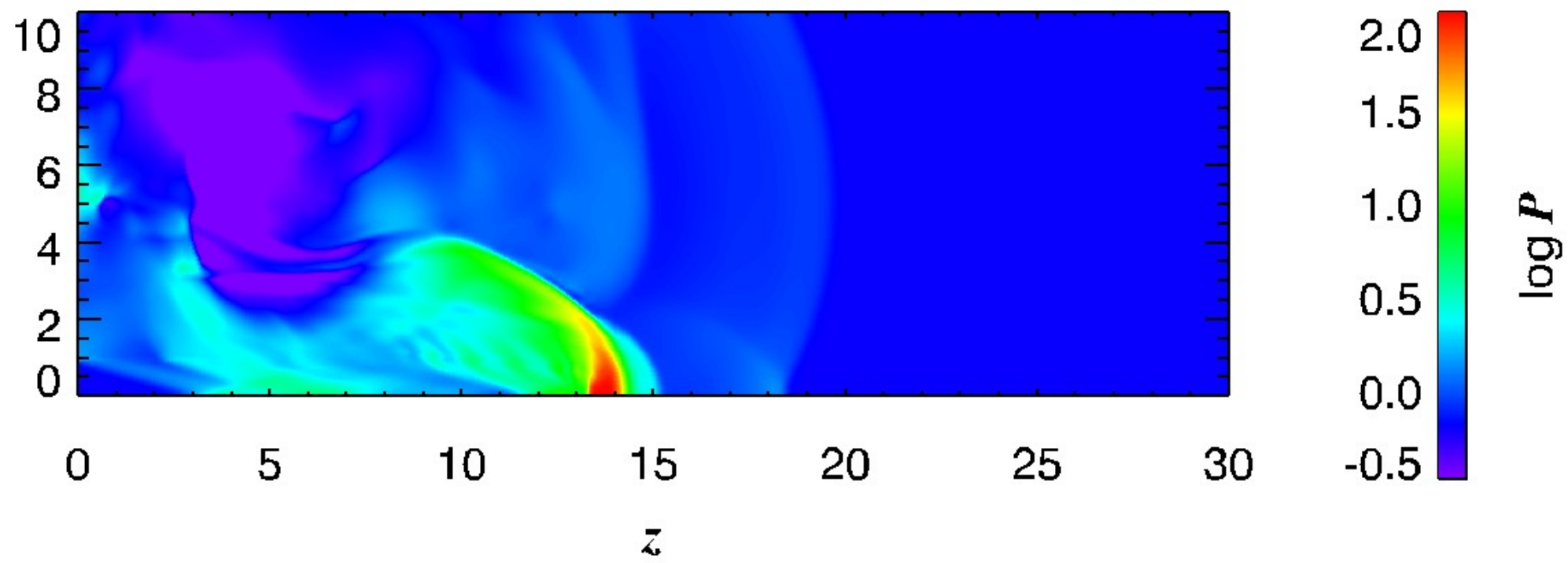
$t = 21.0$



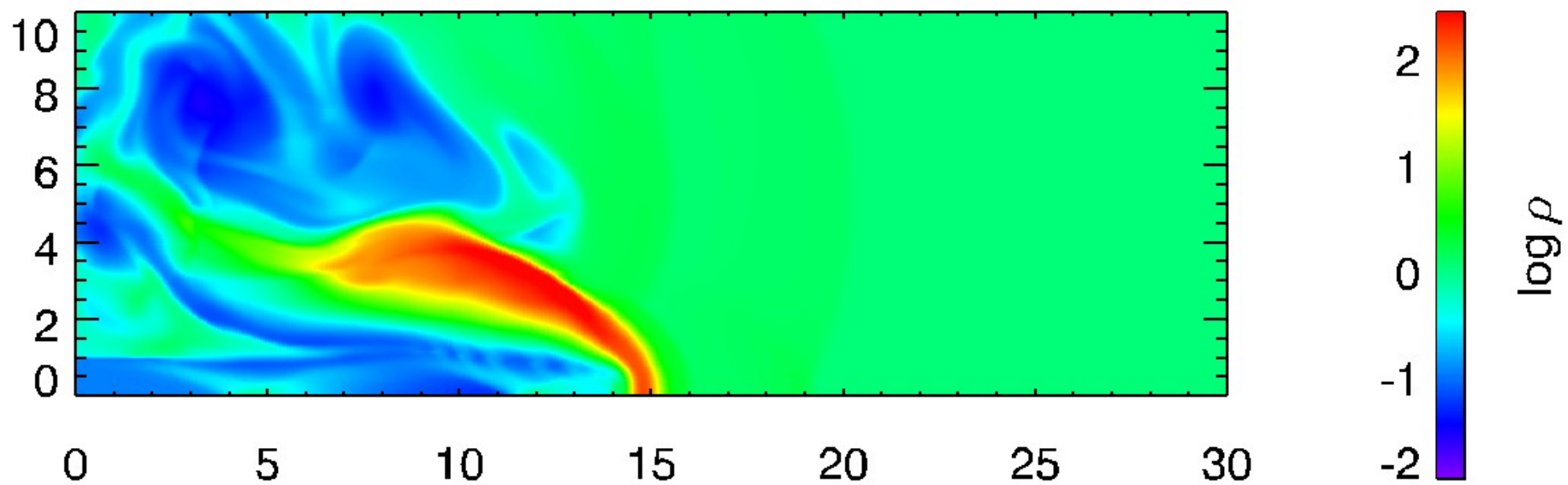
$t = 22.0$



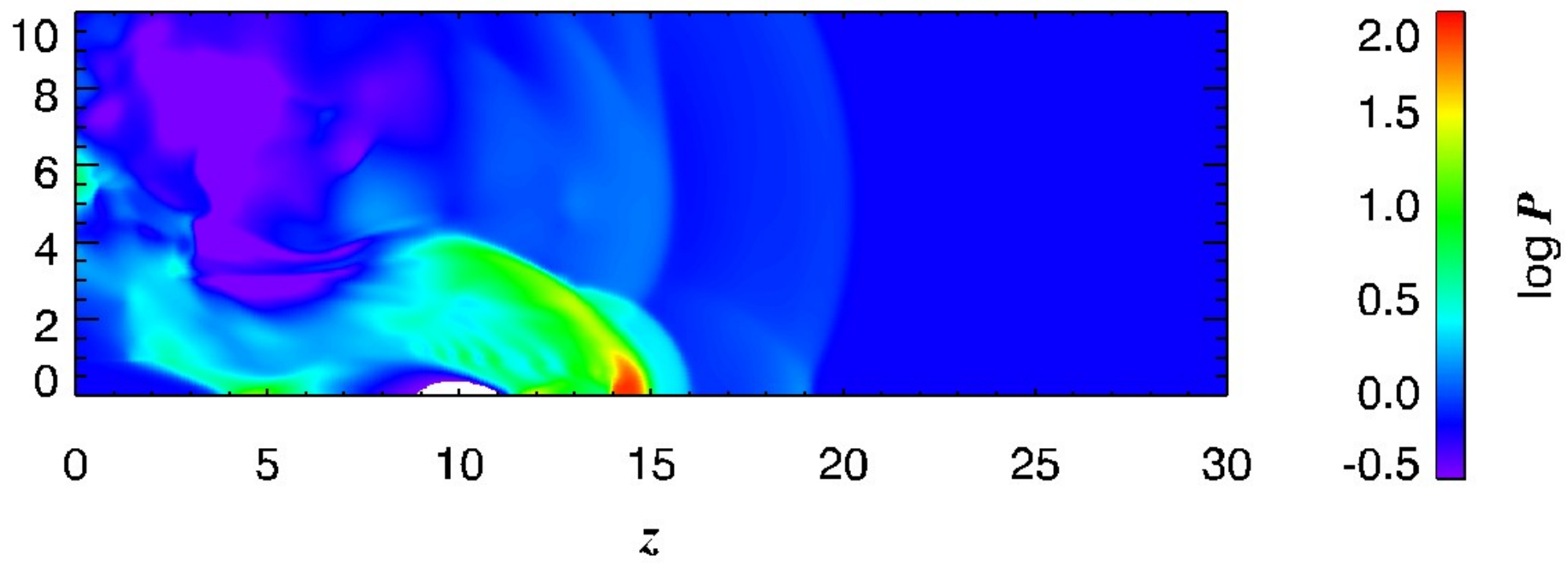
$t = 22.0$



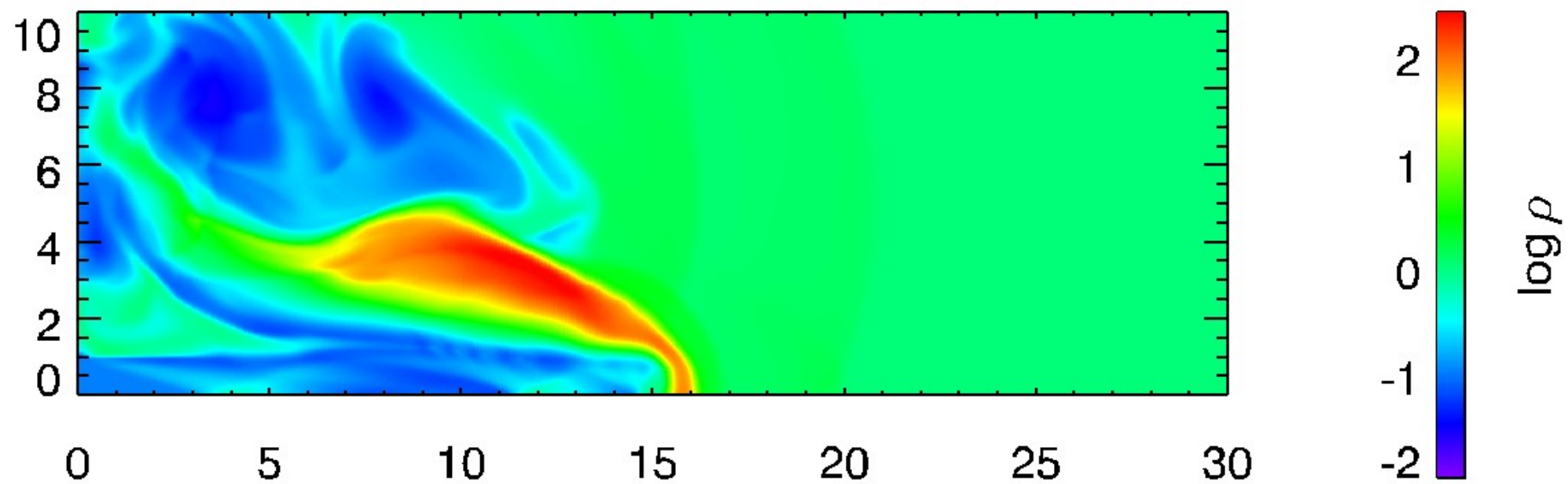
$t = 23.0$



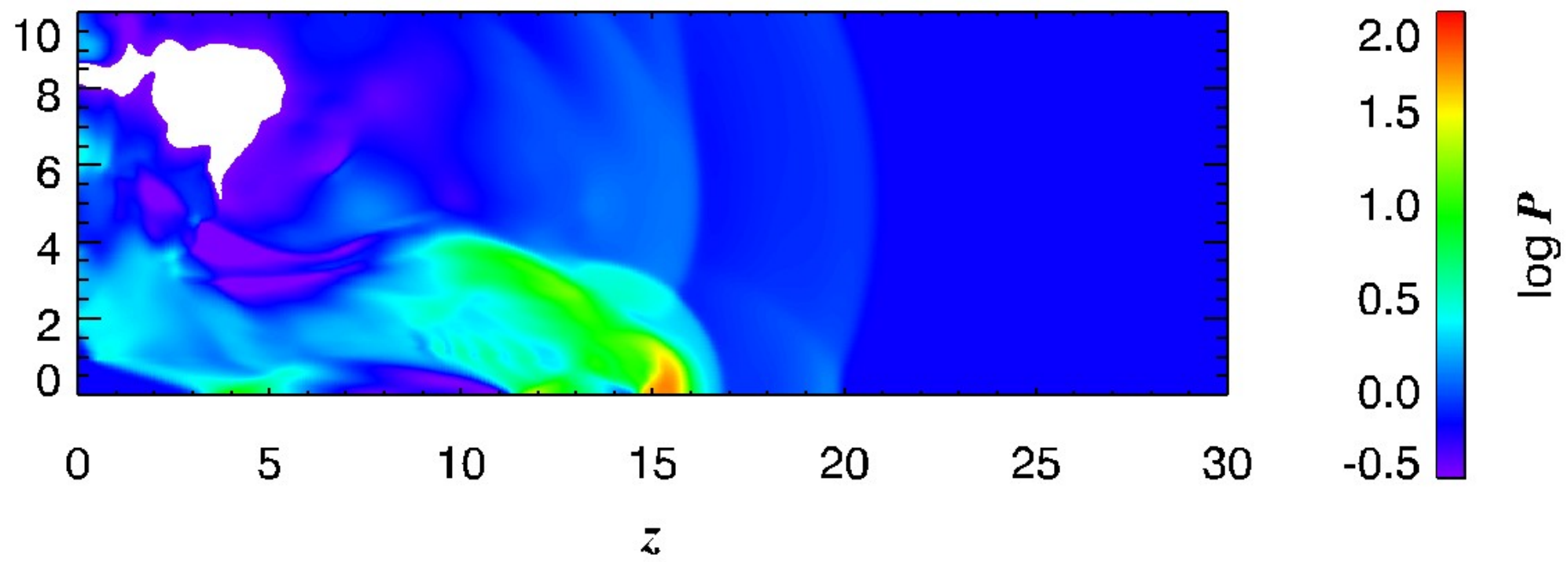
$t = 23.0$



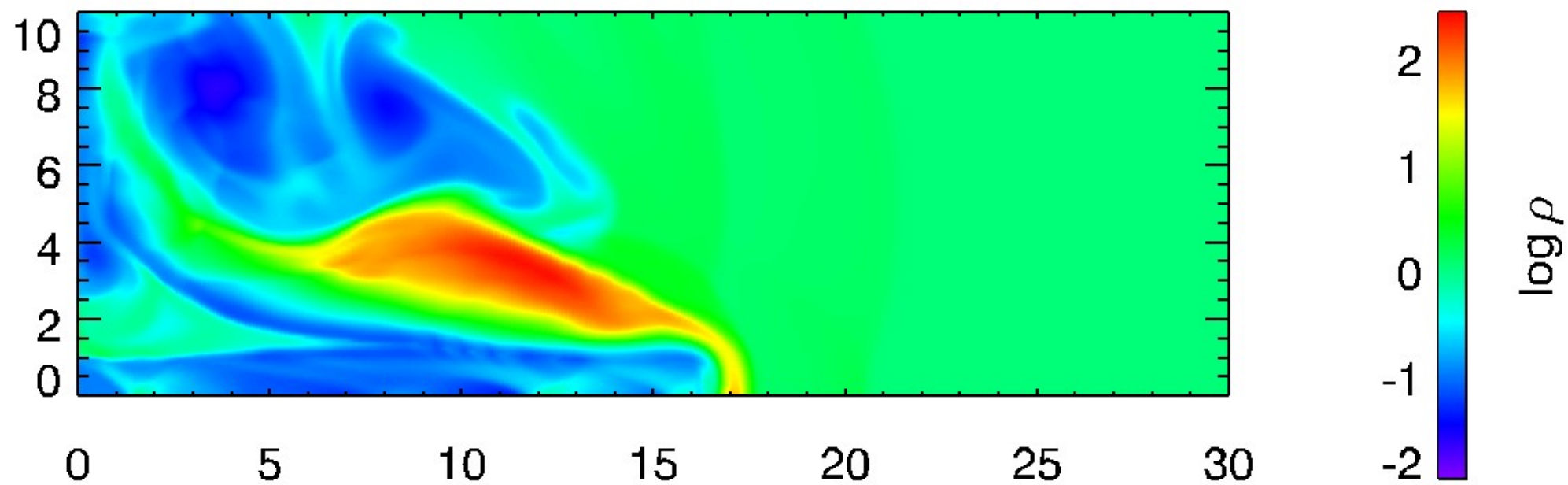
$t = 24.0$



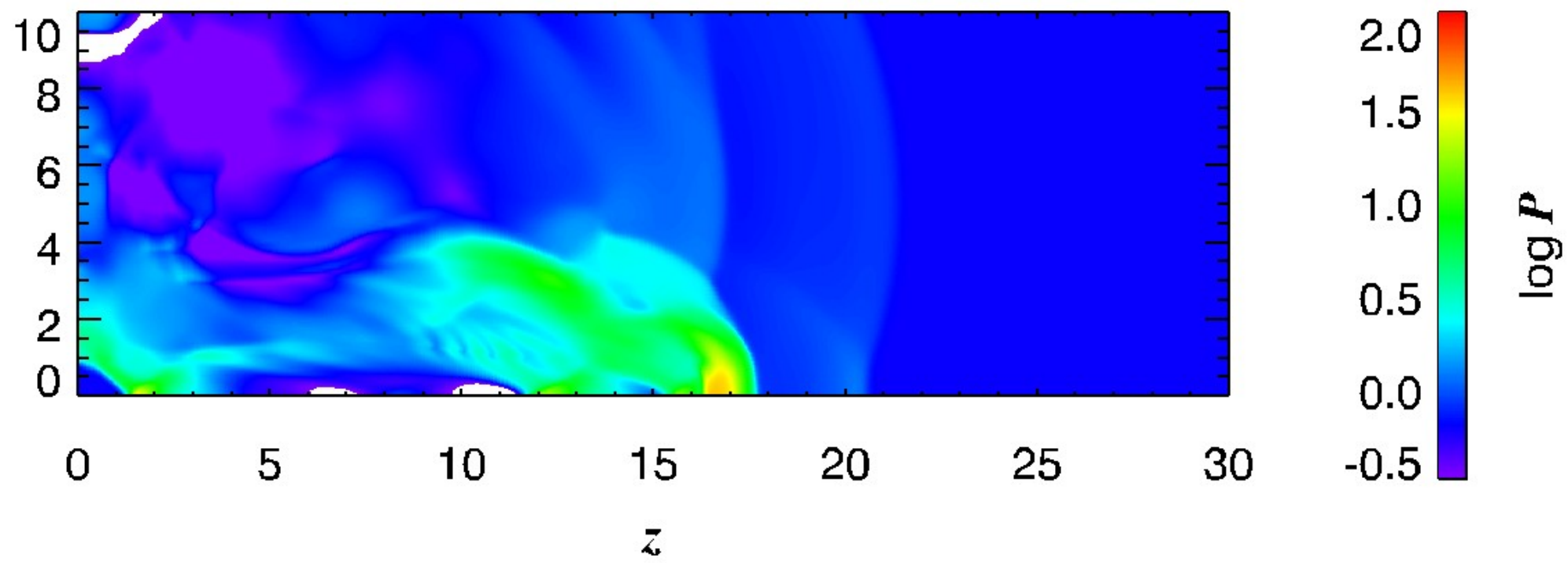
$t = 24.0$



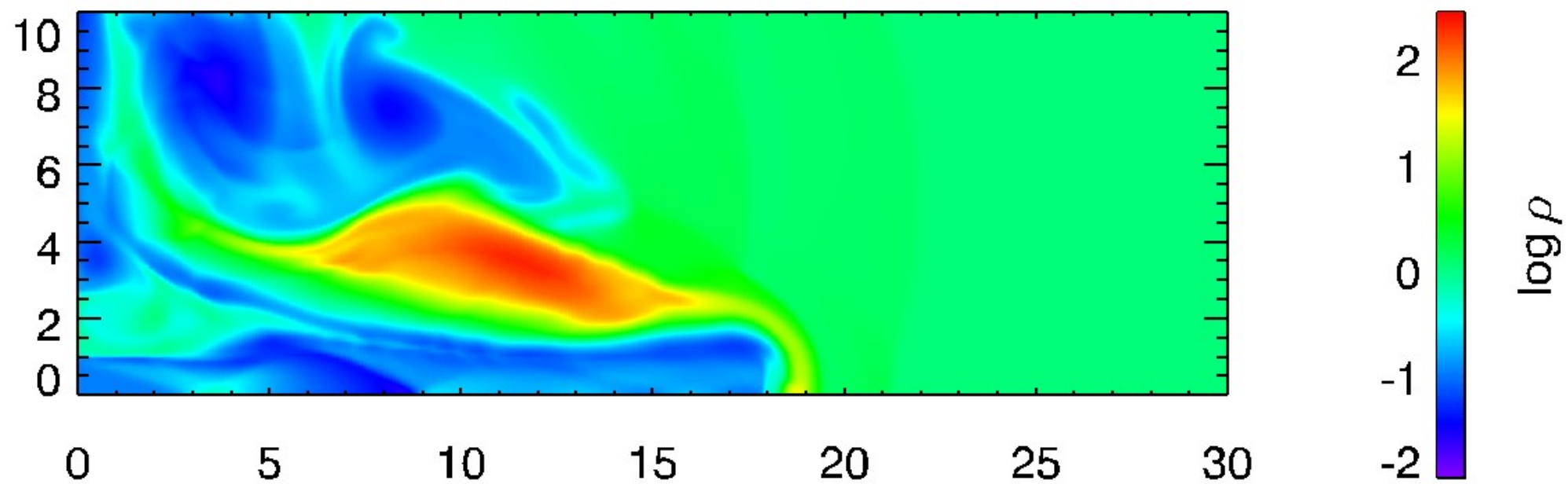
$t = 25.0$



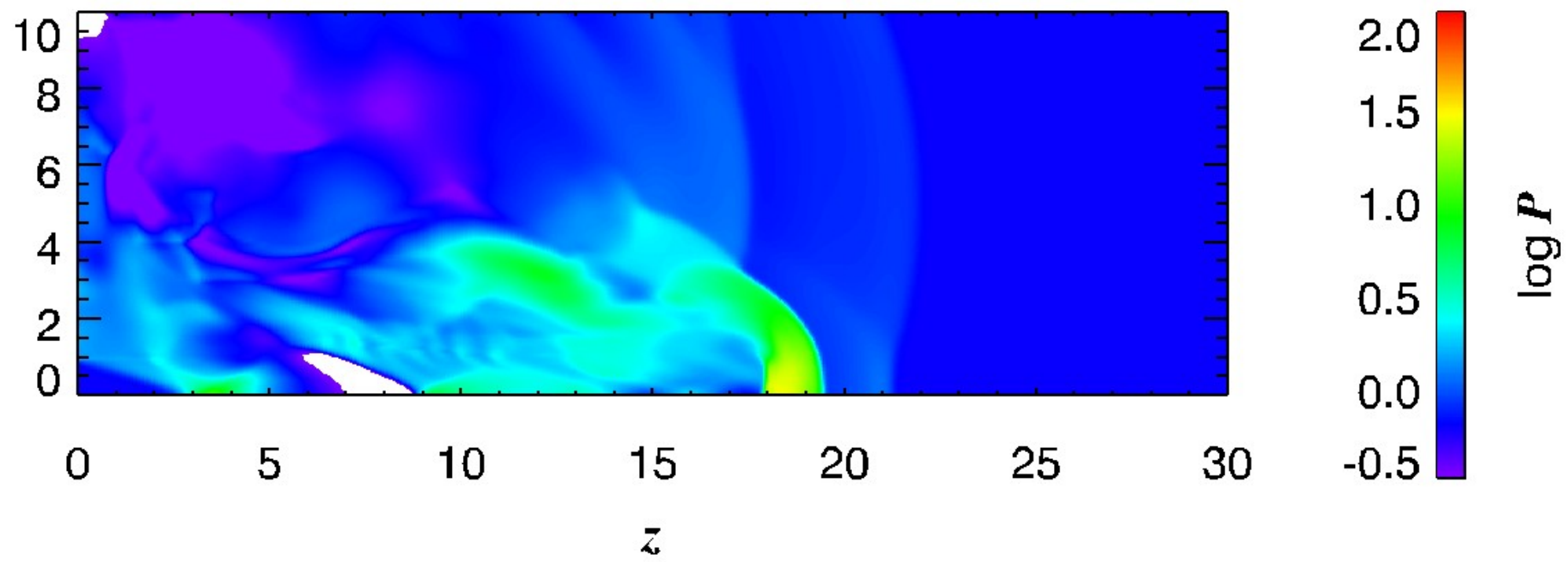
$t = 25.0$



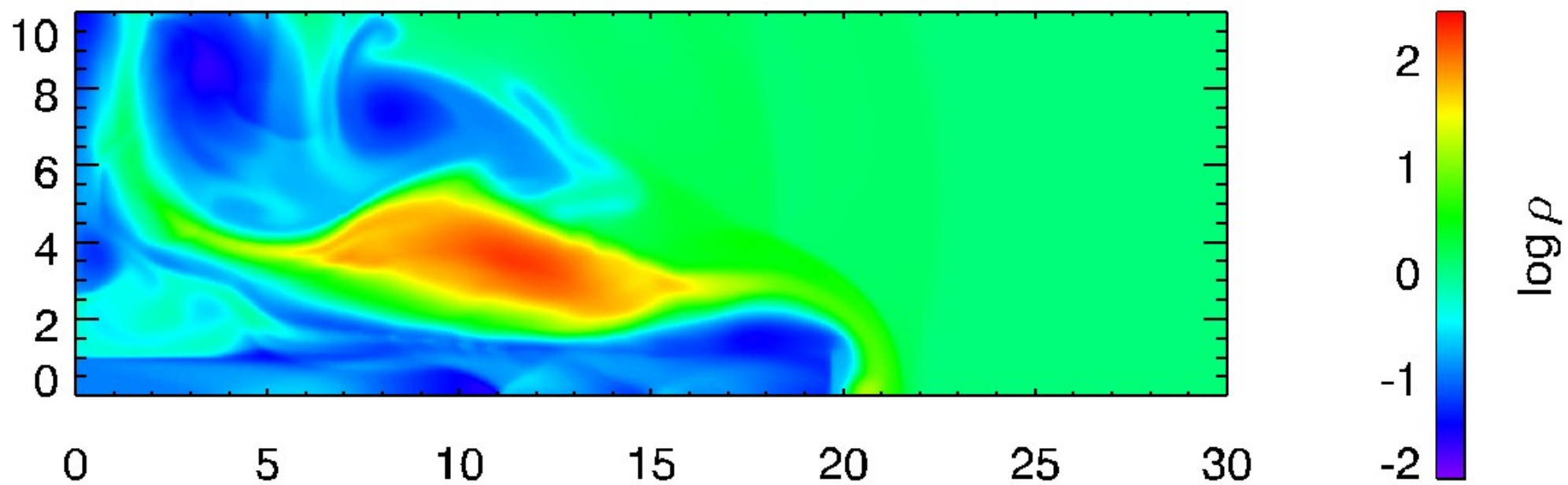
$t = 26.0$



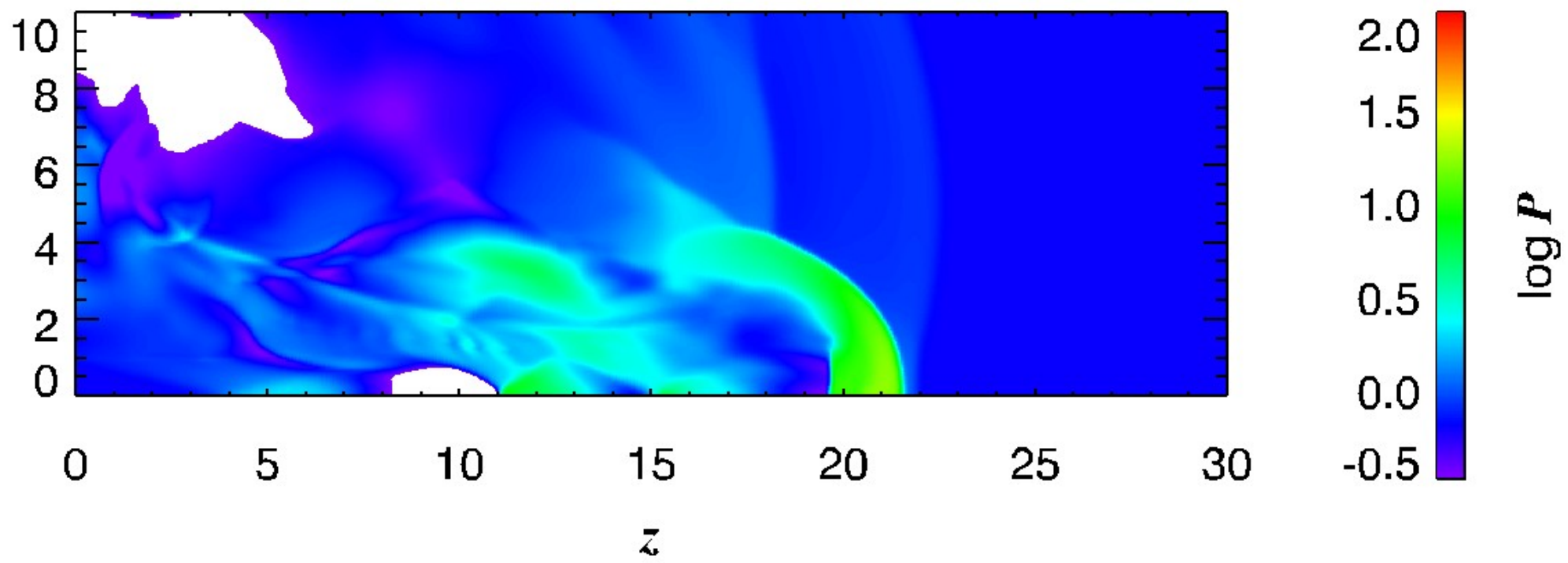
$t = 26.0$



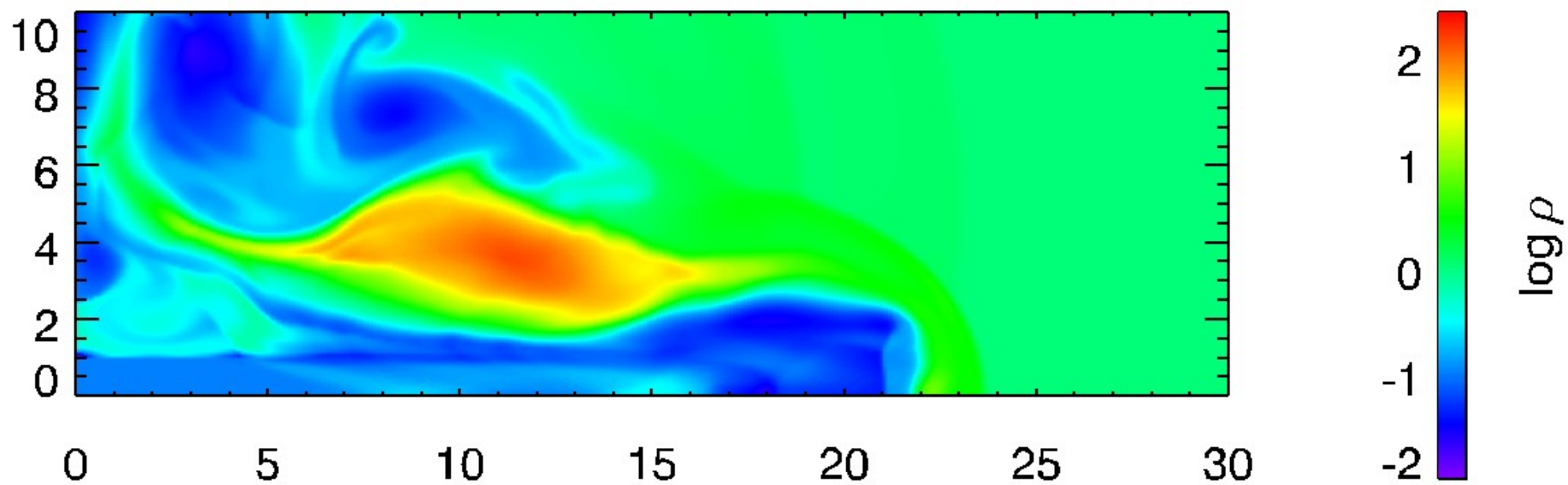
$t = 27.0$



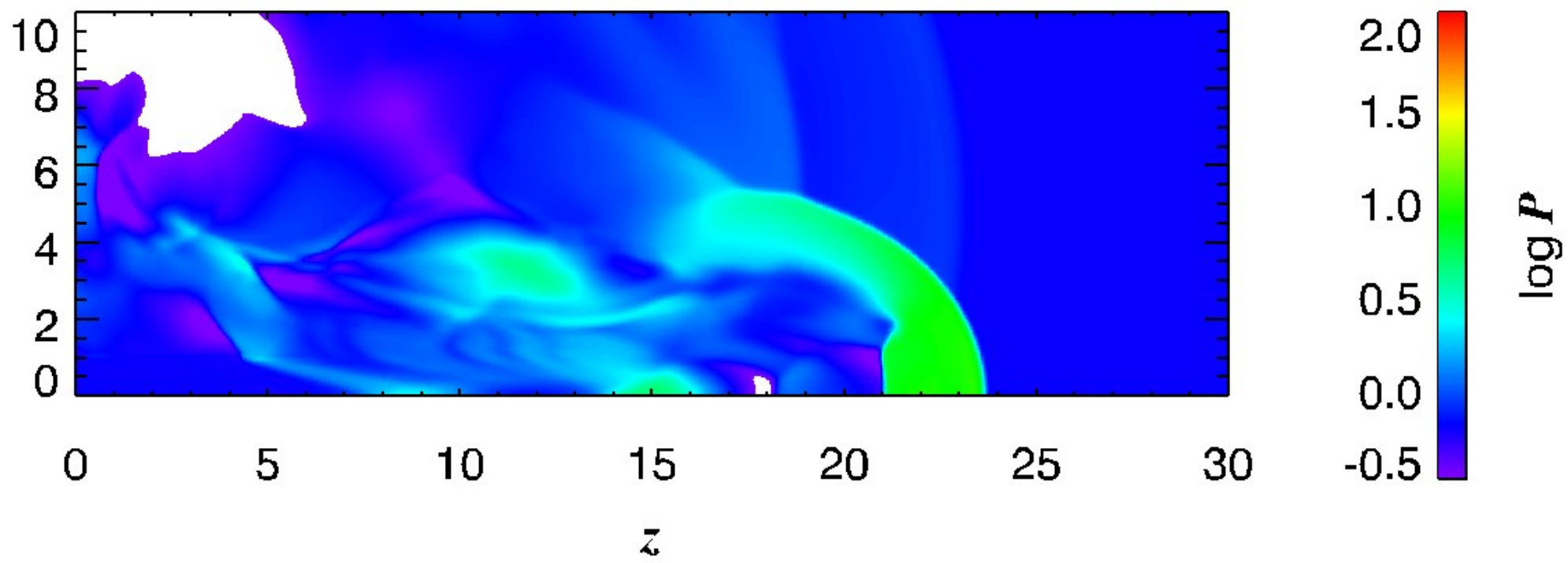
$t = 27.0$



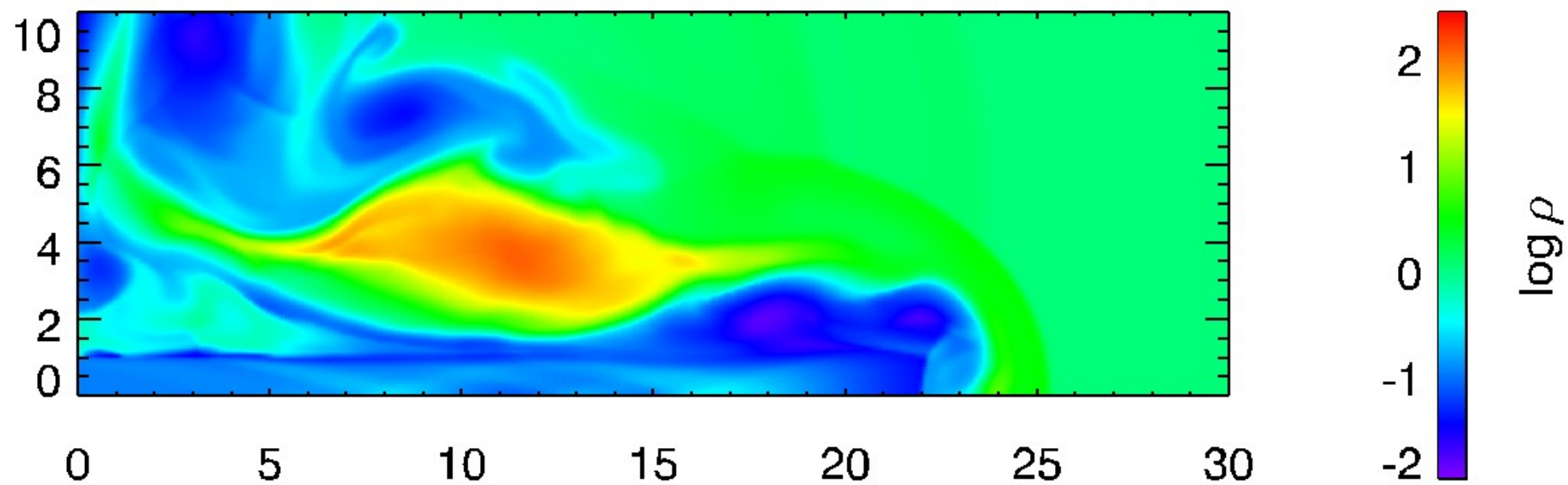
$t = 28.0$



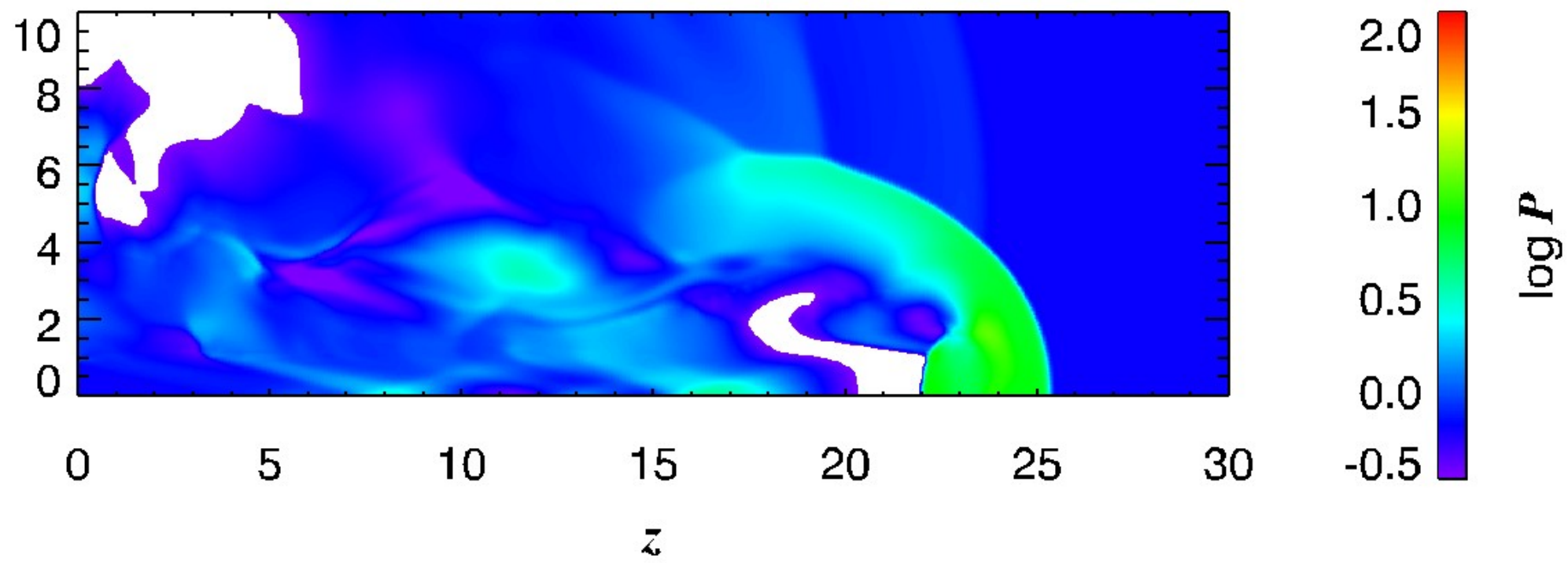
$t = 28.0$



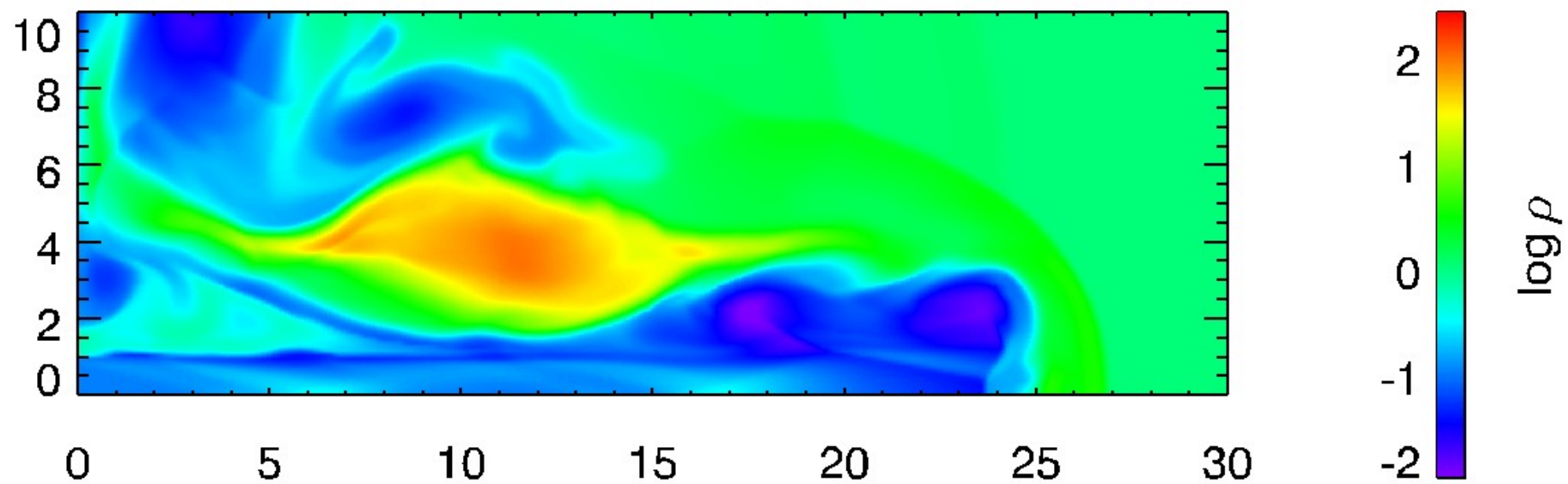
$t = 29.0$



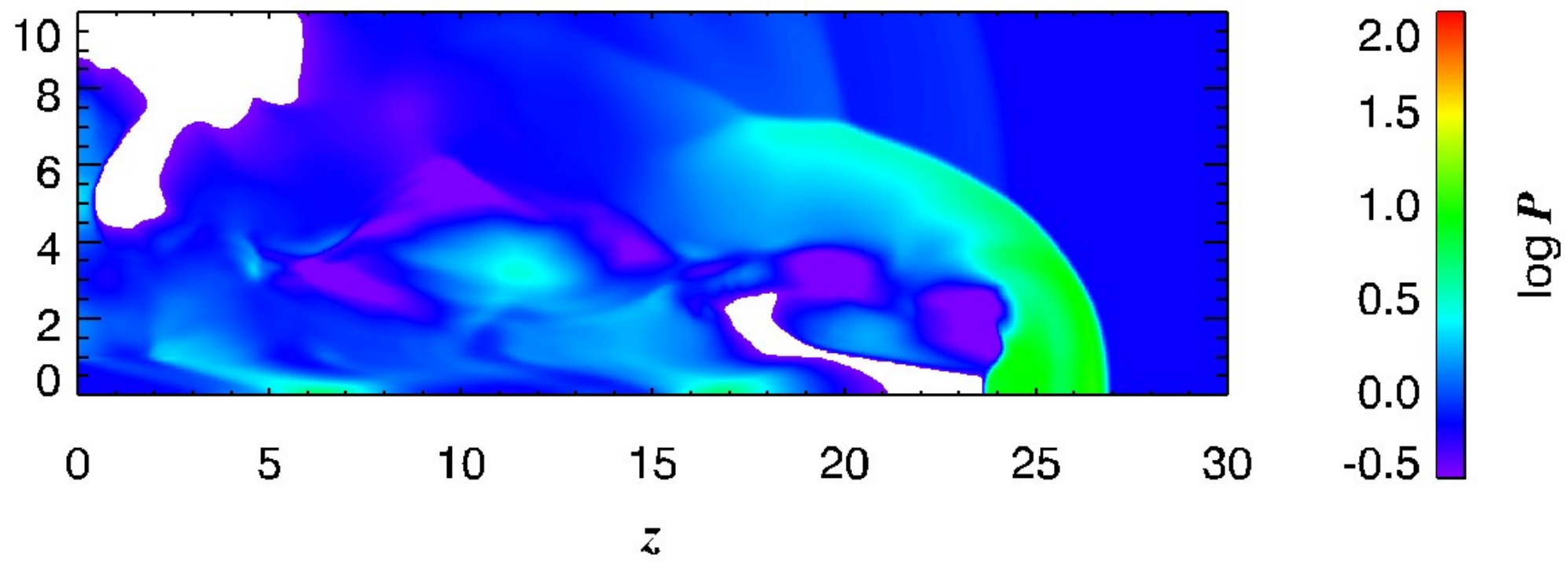
$t = 29.0$



$t = 30.0$



$t = 30.0$



$t = 10.0$

