$\tau =$
$t c \sigma$
z
$\sqrt{3} \sigma x$
F_{inc}
$F_{inc} =$
$\frac{c}{4}$

$$E_m(x, \tau) = \frac{c}{4} \frac{aT^4(z, t)}{F_{inc}} \quad (1)$$

$$E(x, \tau) = \frac{c}{4} \frac{E(z, t)}{F_{inc}} \quad (2)$$

h
k
c
τ
1.0
1.0
0.0
Number of Cells
Number of Particles
Length
Left Albedo
Right Albedo
Initial Material Temp.
Material Density
Number Of Time Steps
Final Time [τ]
Material Opacity
τ
1.0

$\tau = 1.0$

?? ??
?? ??
$\pm 2\sigma$

$+2\sigma$
-2σ
2σ
?
?? ??

$\bar{k}$ $\sigma_{\bar{k}}$ $\frac{\sigma_{\bar{k}}}{\bar{k}}\%$

1.1.1
1.1.2
1.1.3
1.2.1
1.2.2
1.2.3
1.3.1
1.3.2
1.3.3
??

k
$\sigma_{\bar{k}}$
$\frac{\sigma_{\bar{k}}}{\bar{k}}\%$
$\bar{k}$
k_∞
c^{fuel}
c_{k_∞}
1
$\nu/2$
≈ 1.21
k
≈ 1.6
k_∞
$\nu/2$
ν
≈ 1.3
c^{fuel}
$\bar{k}_\infty$
k
c^{fuel}
c^{fuel}
$\bar{k}_\infty$
k
k_∞
??
??
??
k_∞
k_∞
$\pm 2\sigma$

??

k_∞
c^{fuel}
c^{fuel}
??
c^{fuel}
k_∞
k_∞
c^{fuel}