$Speedup_{\text{CUDA,tree.png}} =$ $\frac{1961 \text{ KB}}{1.6 \text{ GB/s}} + \frac{1961 \text{ KB}}{31.5 \text{ GB/s}} + 2 \times 126 \times \left(\frac{2.88}{256} \times 85.69 \text{ ms} + \frac{1961 \text{ KB}}{31.5 \text{ GB/s}}\right) + \frac{1961 \text{ KB}}{6.2 \text{ GB/s}}$ 21595 ms $1.20 \text{ ms} + 0.06 \text{ ms} + 252 \times (0.97 \text{ ms} + 0.06 \text{ ms}) + 0.30 \text{ ms}$

21595 ms

$$-1.20 \text{ ms} + 0.06 \text{ ms} + 252 \times (0.97 \text{ ms} + 0.06 \text{ ms}) + 0.30 \text{ ms}$$

 -21595 ms

 $260 \, \mathrm{ms}$