Speedup for varying peak memory

Timesteps: 2526,
Size of checkpoint (MB): 891.032828,
Time for compute step (s): 1.11,
Bandwidth (MB/s): 8139.2,
Compression Factor: 41,
Compression Time (s): 0.36,
Decompression time (s): 1.6,
Theoretical decompression time (s): 0.396,
Platform: Skylake

Legend:
- Measured (TTI)
- 0.25 x (c_time + d_time)
- 0.83 x (c_time + d_time)
- 2.00 x (c_time + d_time)
- 8.00 x (c_time + d_time)

Vertical lines: 54896.32, 2250748.92

X-axis: Memory (MB)
Y-axis: Speedup (x)