

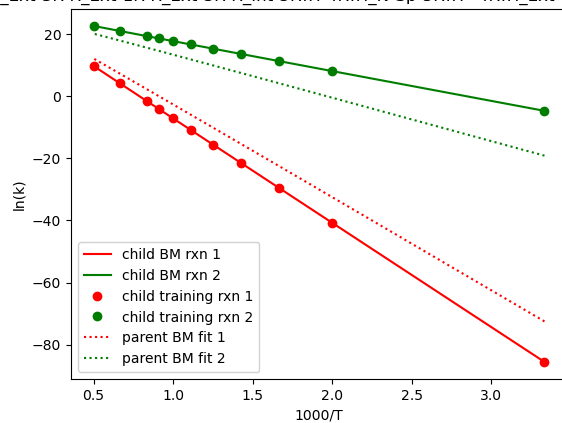
```
plt.legend()
plt.show()
```

yeah

yeah

8.11e+10 s⁻¹ 8.11e+10 s⁻¹

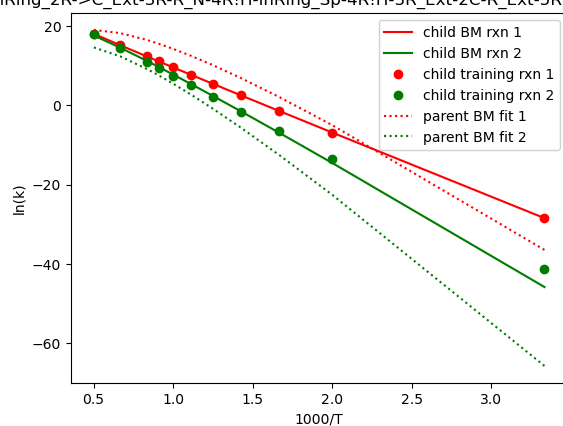
Root_1R-inRing_2R->C_Ext-3R-R_Ext-1R-R_Ext-3R-R_Int-5R!H-4R!H_N-Sp-5R!H=4R!H_Ext-2C-R_Ext-6R!H-R_Sp-7R!H-6R!H



yeah

5.81e+08 s⁻¹ 5.81e+08 s⁻¹

Root_1R-inRing_2R->C_Ext-3R-R_N-4R!H-inRing_Sp-4R!H-3R_Ext-2C-R_Ext-5R!H-R_N-Sp-5R!H-1R

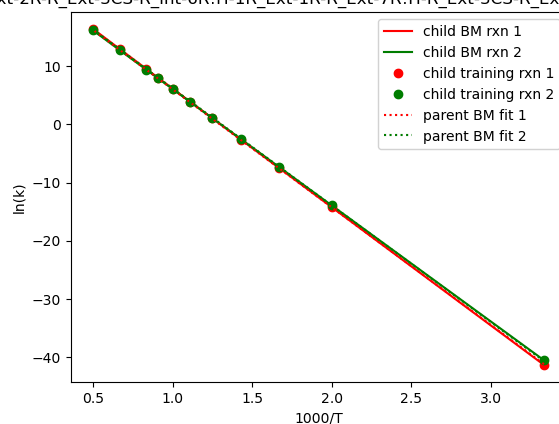


yeah

yeah

7.6e+10 s⁻¹ 7.6e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-1R-R_Ext-7R!H-R_Ext-3CS-R_Ext-9R!H-R_Sp-10R!H=9R!H_Ext-3CS-R_Ext-4R!H-R

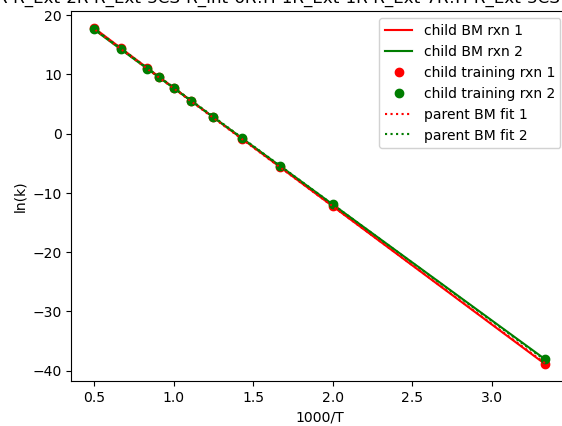


yeah

yeah

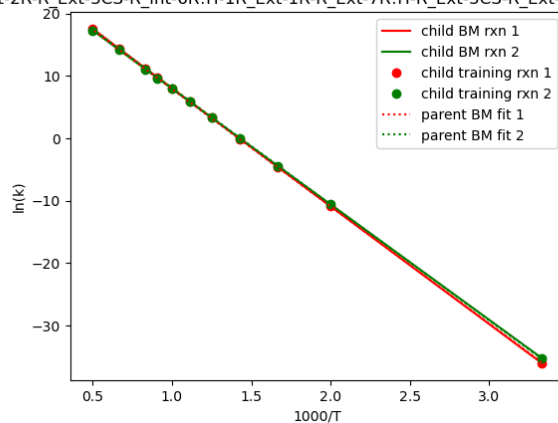
2.68e+11 s⁻¹ 2.68e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-1R-R_Ext-7R!H-R_Ext-3CS-R_Ext-9R!H-R_Sp-10R!H=9R!H_Ext-4R!H-R



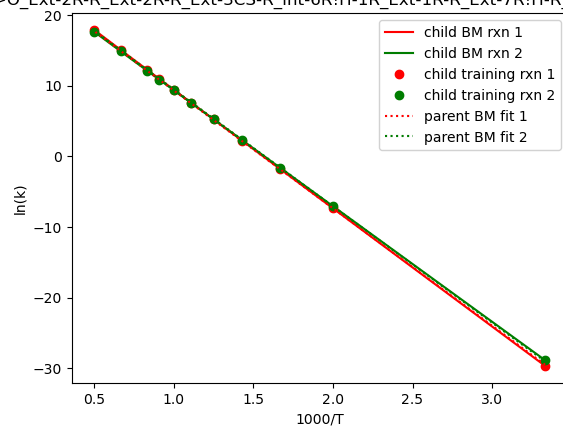
yeah
yeah
1.2e+11 s⁻¹ 1.2e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-1R-R_Ext-7R!H-R_Ext-3CS-R_Ext-9R!H-R_N-Sp-10R!H=9R!H_Ext-4R!H-R_Ext-3CS-R

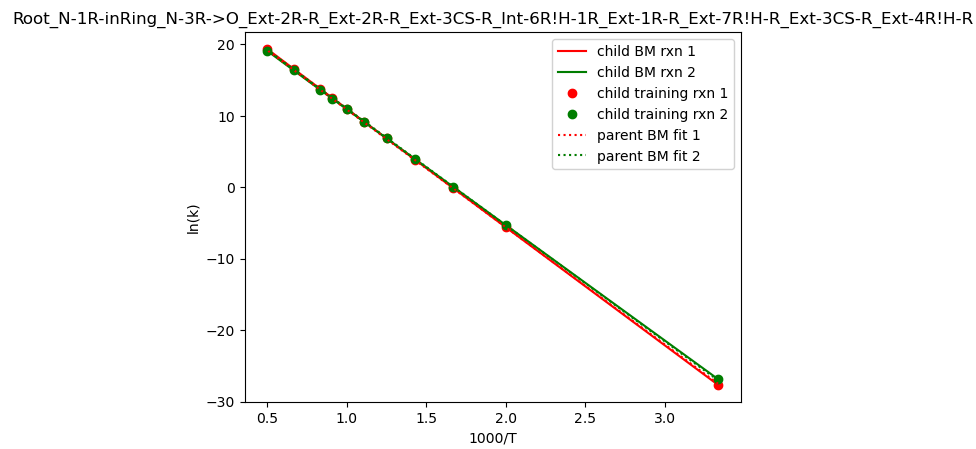


yeah
yeah
5.77e+10 s⁻¹ 5.77e+10 s⁻¹

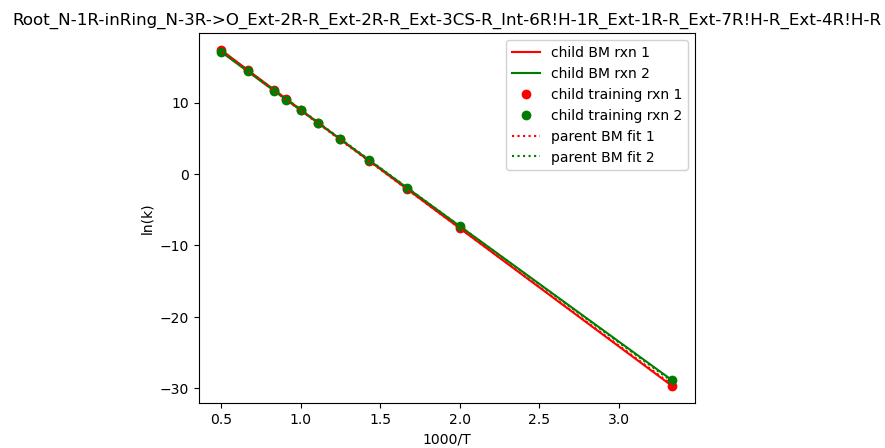
Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-1R-R_Ext-7R!H-R_Ext-3CS-R_Ext-3CS-R_Ext-4R!H-R



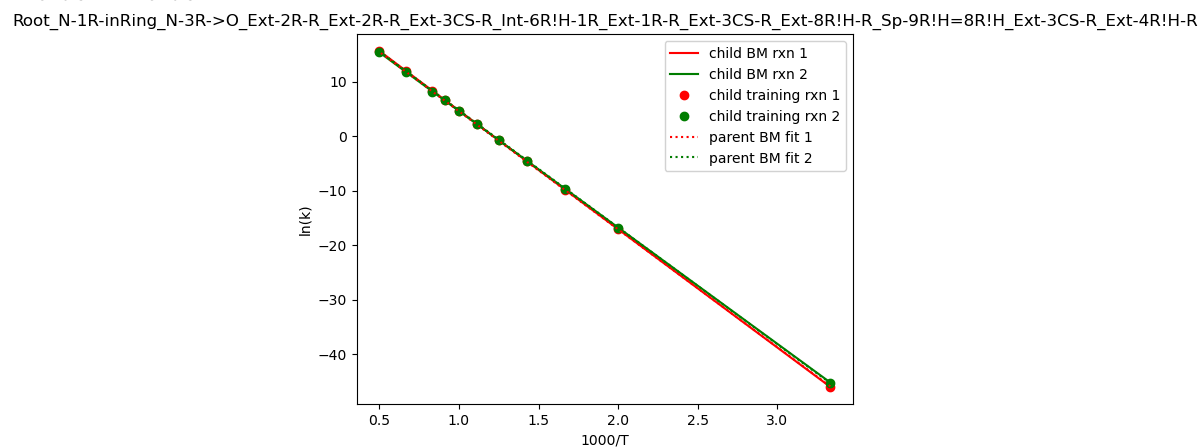
yeah
yeah
2.3e+11 s⁻¹ 2.3e+11 s⁻¹



yeah
yeah
3.17e+10 s⁻¹ 3.17e+10 s⁻¹

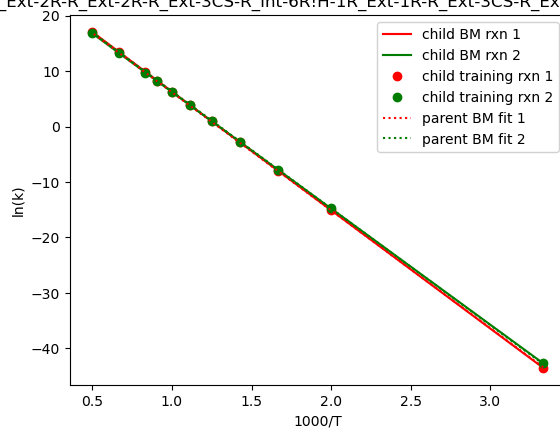


yeah
yeah
7.27e+10 s⁻¹ 7.27e+10 s⁻¹



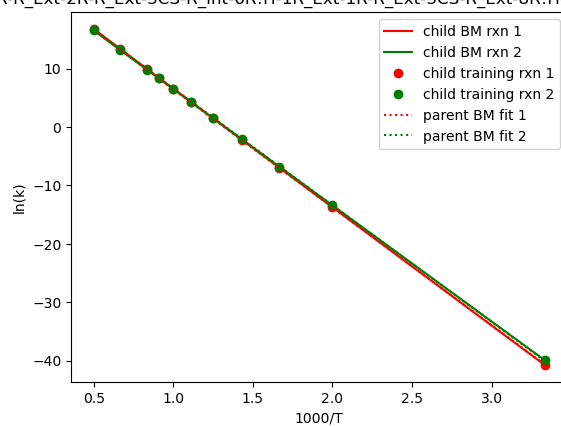
yeah
yeah
2.57e+11 s⁻¹ 2.57e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-1R-R_Ext-3CS-R_Ext-8R!H-R_Sp-9R!H=8R!H_Ext-4R!H-R



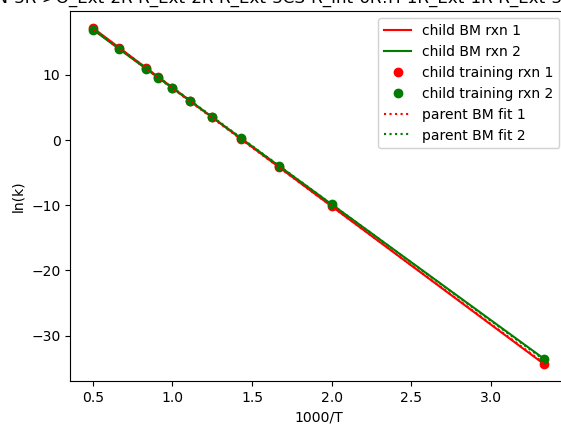
yeah
yeah
1.15e+11 s⁻¹ 1.15e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-1R-R_Ext-3CS-R_Ext-8R!H-R_N-Sp-9R!H=8R!H_Ext-4R!H-R_Ext-3CS-R



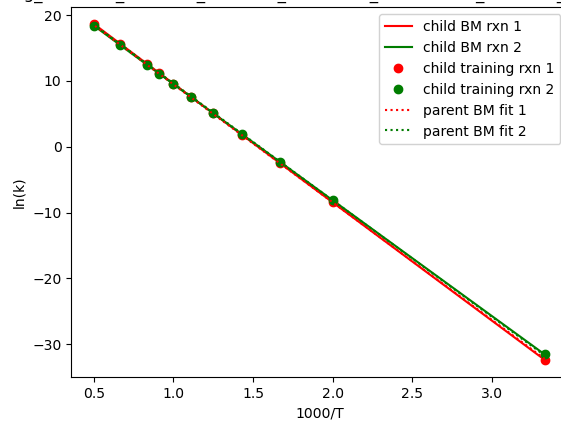
yeah
yeah
5.52e+10 s⁻¹ 5.52e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-1R-R_Ext-3CS-R_Ext-3CS-R_Ext-4R!H-R



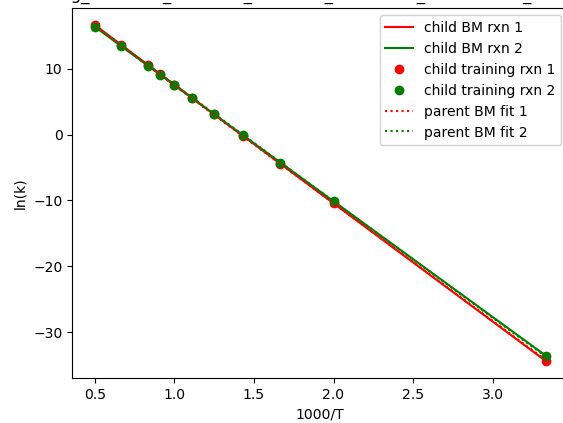
yeah
yeah
2.2e+11 s⁻¹ 2.2e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-1R-R_Ext-3CS-R_Ext-4R!H-R



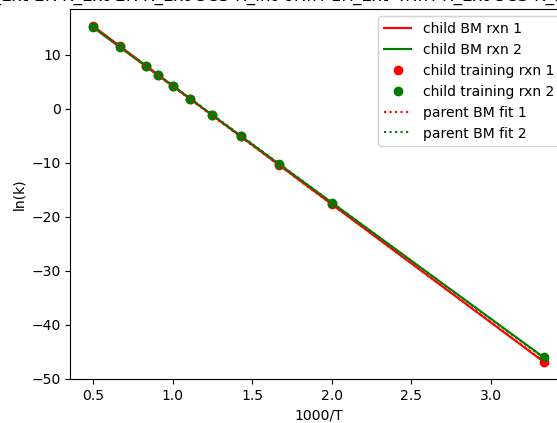
yeah
yeah
3.03e+10 s⁻¹ 3.03e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-1R-R_Ext-4R!H-R



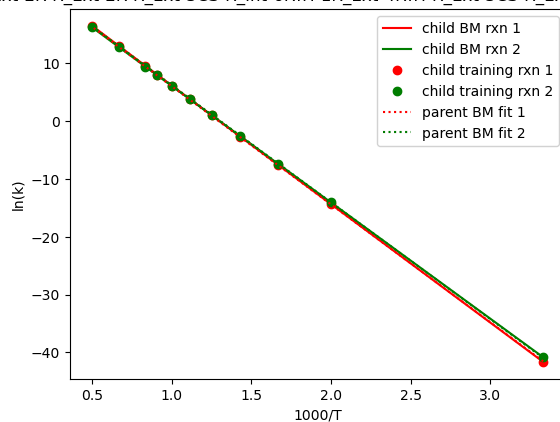
yeah
yeah
5.82e+10 s⁻¹ 5.82e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-4R!H-R_Ext-3CS-R_Ext-8R!H-R_Sp-9R!H=8R!H_Ext-3CS-R



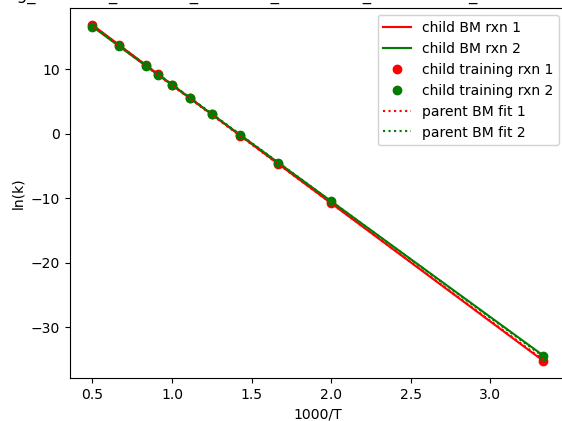
yeah
yeah
9.21e+10 s⁻¹ 9.21e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-4R!H-R_Ext-3CS-R_Ext-8R!H-R_N-Sp-9R!H=8R!H_Ext-3CS-R



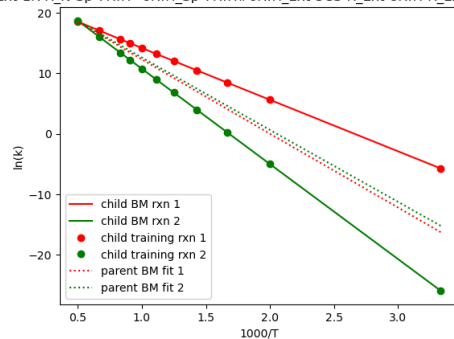
yeah
yeah
4.42e+10 s⁻¹ 4.42e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Int-6R!H-1R_Ext-4R!H-R_Ext-3CS-R_Ext-3CS-R



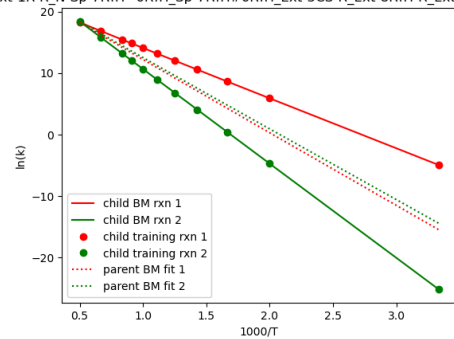
yeah
yeah
1.71e+09 s⁻¹ 1.71e+09 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-1R-R_N-Sp-7R!H=6R!H_Sp-7R!H#6R!H_Ext-3CS-R_Ext-8R!H-R_Ext-8R!H-R_N-Sp-9R!H=8R!H_Ext-4R!H-R_Ext-9R!H-R_Sp-10R!H=4R!H



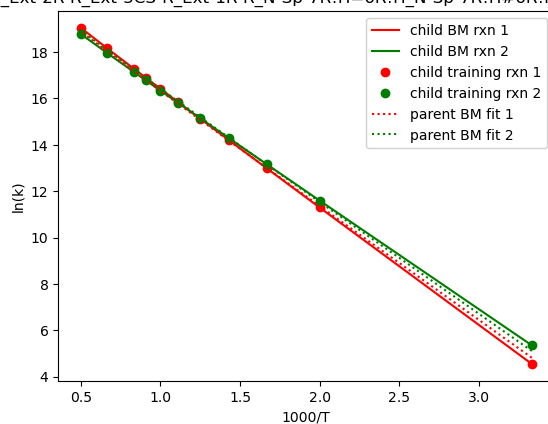
yeah
yeah
1.09e+09 s⁻¹ 1.09e+09 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-1R-R_N-Sp-7R!H=6R!H_Sp-7R!H#6R!H_Ext-3CS-R_Ext-8R!H-R_Ext-8R!H-R_N-Sp-9R!H=8R!H_Ext-4R!H-R_Ext-9R!H-R_Sp-10R!H=4R!H



yeah
yeah
5.31e+08 s⁻¹ 5.31e+08 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-1R-R_N-Sp-7R!H=6R!H_N-Sp-7R!H#6R!H_Ext-1R-R_Ext-8R!H-R_Ext-4R!H-R_Ext-1R-R

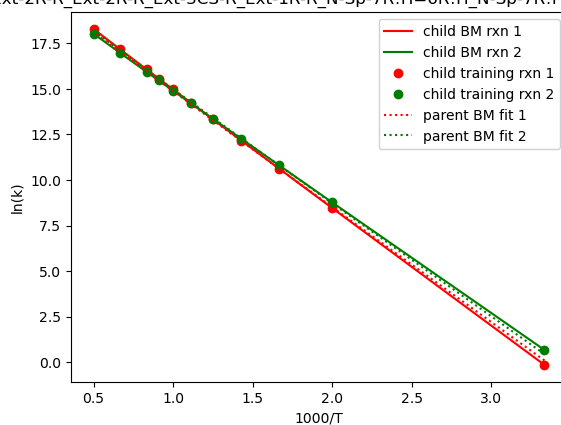


yeah

yeah

$5.08e+08 \text{ s}^{-1}$ $5.08e+08 \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-1R-R_N-Sp-7R!H=6R!H_N-Sp-7R!H#6R!H_Ext-1R-R_Ext-4R!H-R_Ext-1R-R

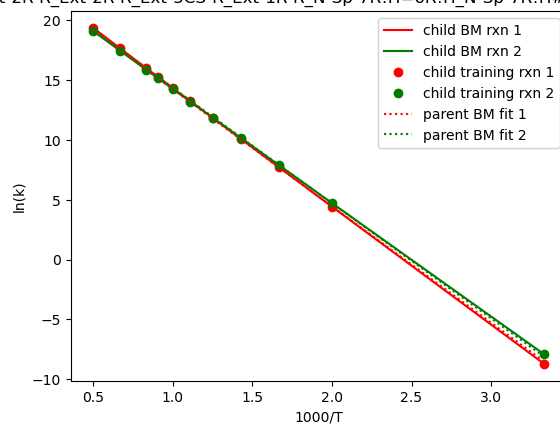


yeah

yeah

$8.06e+09 \text{ s}^{-1}$ $8.06e+09 \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-1R-R_N-Sp-7R!H=6R!H_N-Sp-7R!H#6R!H_Ext-1R-R_Ext-4R!H-R_Int-7R!H-1R

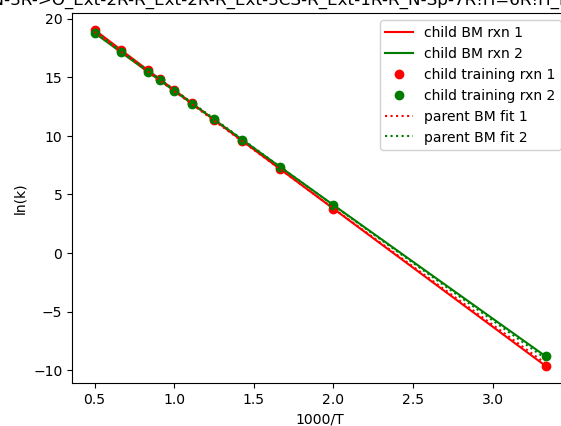


yeah

yeah

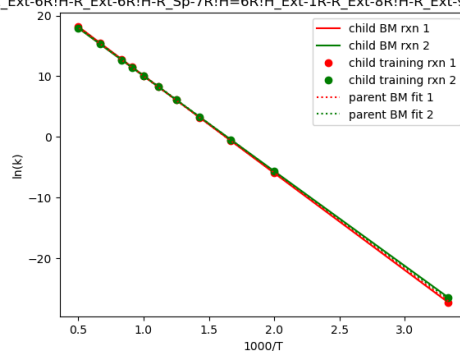
$6.45e+09 \text{ s}^{-1}$ $6.45e+09 \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-1R-R_N-Sp-7R!H=6R!H_N-Sp-7R!H#6R!H_Ext-4R!H-R



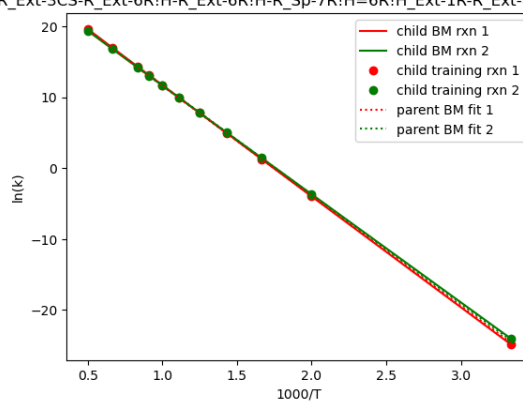
yeah
yeah
5.44e+10 s⁻¹ 5.44e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_Sp-7R!H=6R!H_Ext-1R-R_Ext-8R!H-R_Ext-9R!H-R_Ext-9R!H-R_Ext-8R!H-R_Ext-11R!H-R_Ext-3CS-R_Ext-4R!H-R



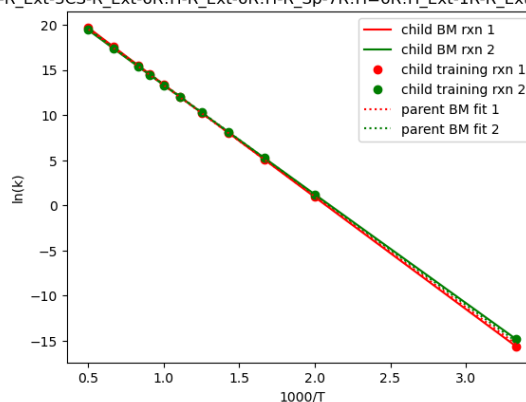
yeah
yeah
1.92e+11 s⁻¹ 1.92e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_Sp-7R!H=6R!H_Ext-1R-R_Ext-8R!H-R_Ext-9R!H-R_Ext-9R!H-R_Ext-8R!H-R_Ext-4R!H-R



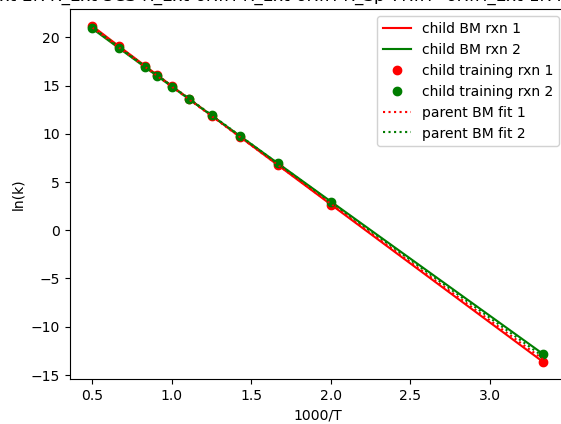
yeah
yeah
4.13e+10 s⁻¹ 4.13e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_Sp-7R!H=6R!H_Ext-1R-R_Ext-8R!H-R_Ext-9R!H-R_Ext-3CS-R_Ext-3CS-R_Ext-4R!H-R



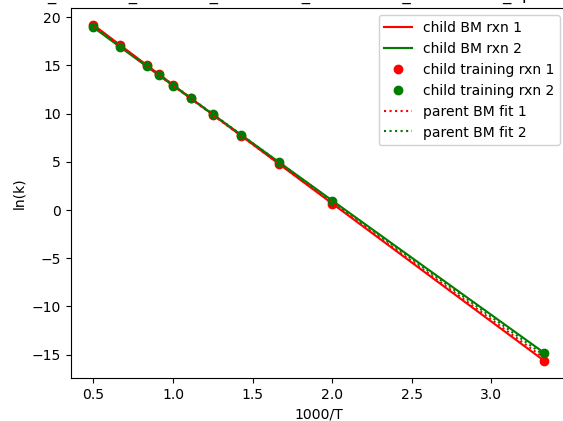
yeah
yeah
1.64e+11 s⁻¹ 1.64e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_Sp-7R!H=6R!H_Ext-1R-R_Ext-8R!H-R_Ext-9R!H-R_Ext-3CS-R_Ext-4R!H-R



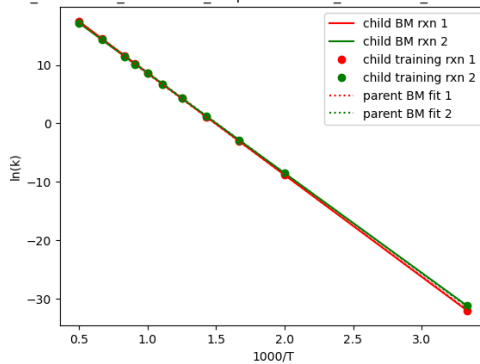
yeah
yeah
2.27e+10 s⁻¹ 2.27e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_Sp-7R!H=6R!H_Ext-1R-R_Ext-4R!H-R



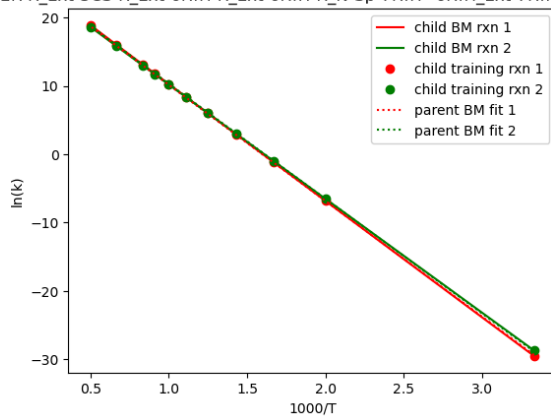
yeah
yeah
5.21e+10 s⁻¹ 5.21e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_N-Sp-7R!H=6R!H_Ext-7R!H-R_Int-8R!H-3CS_Ext-8R!H-R_Ext-7R!H-R_Ext-3CS-R_Ext-4R!H-R_Ext-1R-R



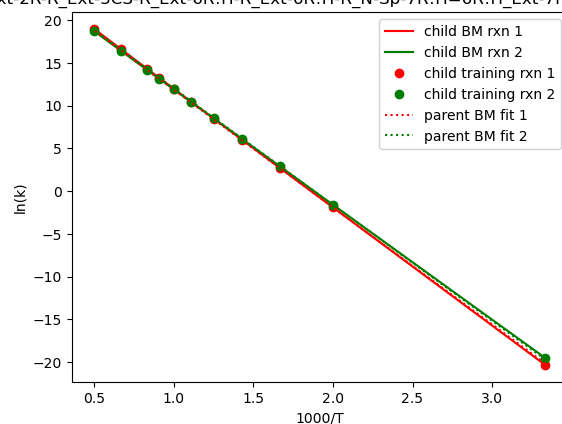
yeah
yeah
1.84e+11 s⁻¹ 1.84e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_N-Sp-7R!H=6R!H_Ext-7R!H-R_Int-8R!H-3CS_Ext-8R!H-R_Ext-4R!H-R_Ext-1R-R



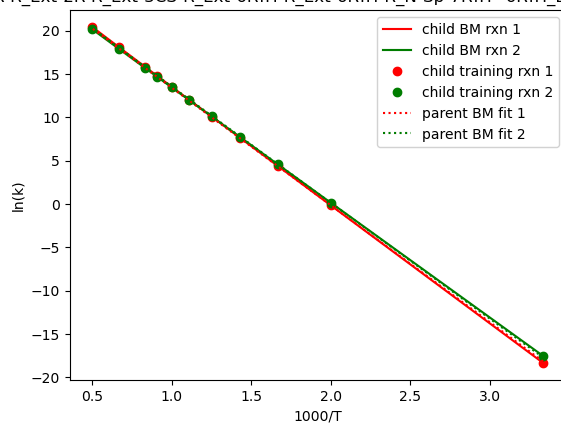
yeah
 yeah
 $3.95 \times 10^{-1} \text{ s}^{-1}$ $3.95 \times 10^{-1} \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_N-Sp-7R!H=6R!H_Ext-7R!H-R_Ext-3CS-R_Ext-3CS-R_Ext-4R!H-R_Ext-1R-R



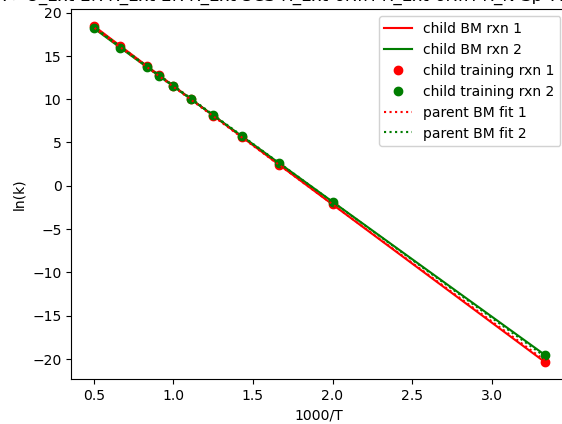
yeah
 yeah
 $1.57 \times 10^{11} \text{ s}^{-1}$ $1.57 \times 10^{11} \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_N-Sp-7R!H=6R!H_Ext-7R!H-R_Ext-3CS-R_Ext-4R!H-R_Ext-1R-R



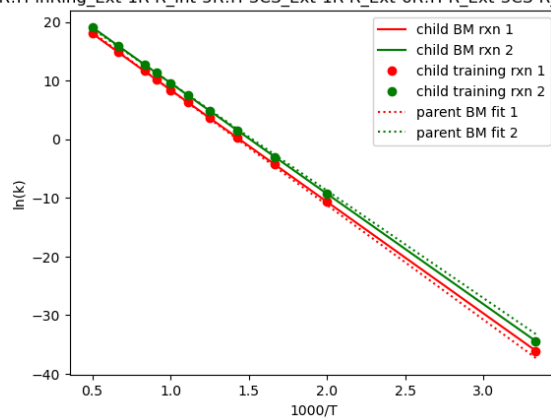
yeah
 yeah
 $2.17 \times 10^{10} \text{ s}^{-1}$ $2.17 \times 10^{10} \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_Ext-2R-R_Ext-3CS-R_Ext-6R!H-R_Ext-6R!H-R_N-Sp-7R!H=6R!H_Ext-4R!H-R_Ext-1R-R



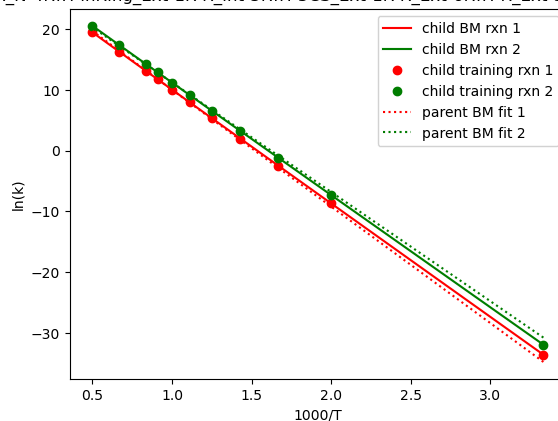
yeah
 yeah
 $2.12 \times 10^{11} \text{ s}^{-1}$ $2.12 \times 10^{11} \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-6R!H-R_Ext-3CS-R_Ext-8R!H-R_Sp-9R!H=8R!H_Ext-3CS-R_Ext-4R!H-R



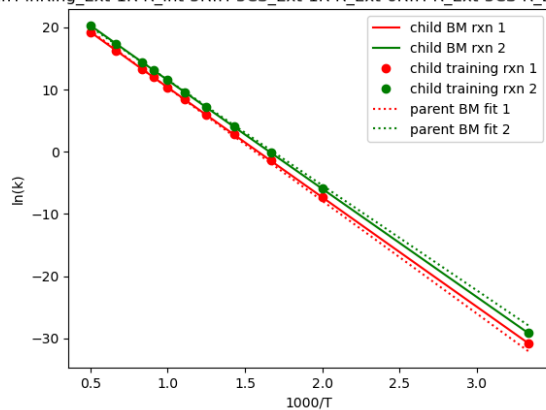
yeah
yeah
7.47e+11 s⁻¹ 7.47e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-6R!H-R_Ext-3CS-R_Ext-8R!H-R_Sp-9R!H=8R!H_Ext-4R!H-R



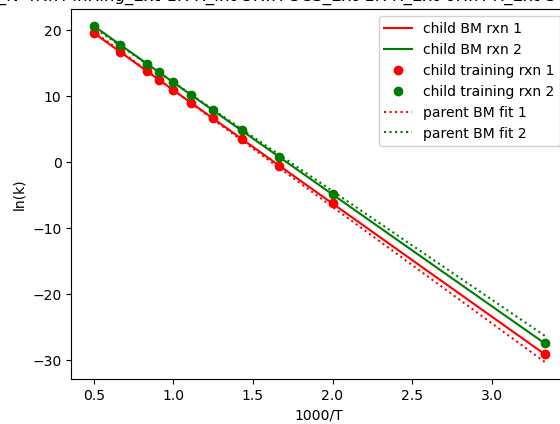
yeah
yeah
3.35e+11 s⁻¹ 3.35e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-6R!H-R_Ext-3CS-R_Ext-8R!H-R_N-Sp-9R!H=8R!H_Ext-3CS-R_Ext-4R!H-R



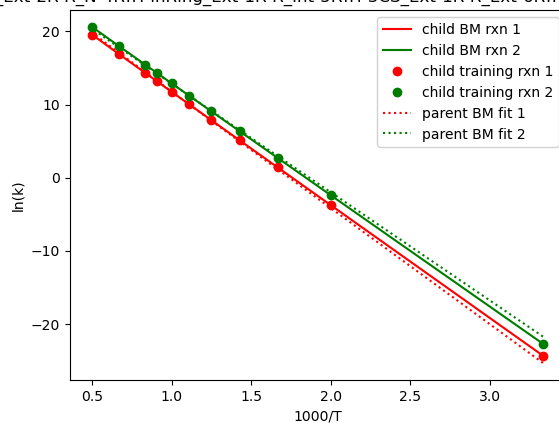
yeah
yeah
3.72e+11 s⁻¹ 3.72e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-6R!H-R_Ext-3CS-R_Ext-8R!H-R_N-Sp-9R!H=8R!H_Ext-4R!H-R



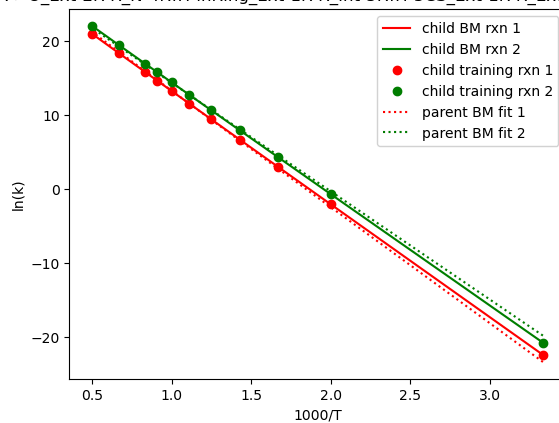
yeah
yeah
1.61e+11 s⁻¹ 1.61e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-6R!H-R_Ext-3CS-R_Ext-3CS-R_Ext-4R!H-R



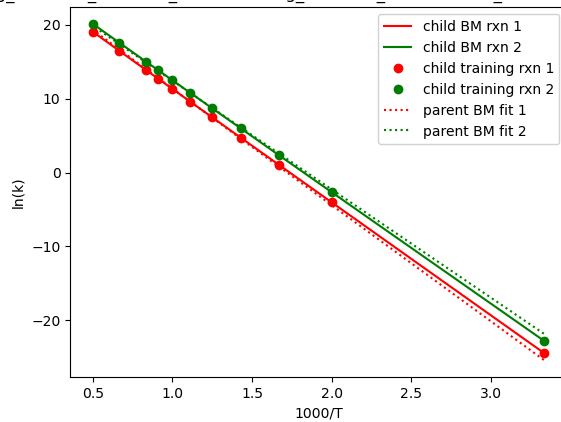
yeah
yeah
6.4e+11 s⁻¹ 6.4e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-6R!H-R_Ext-3CS-R_Ext-4R!H-R



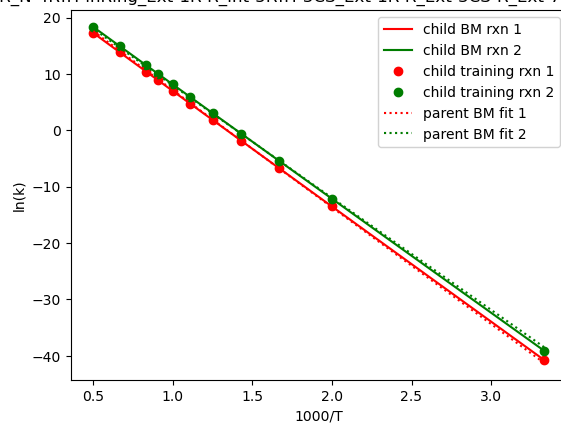
yeah
yeah
8.83e+10 s⁻¹ 8.83e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-6R!H-R_Ext-4R!H-R



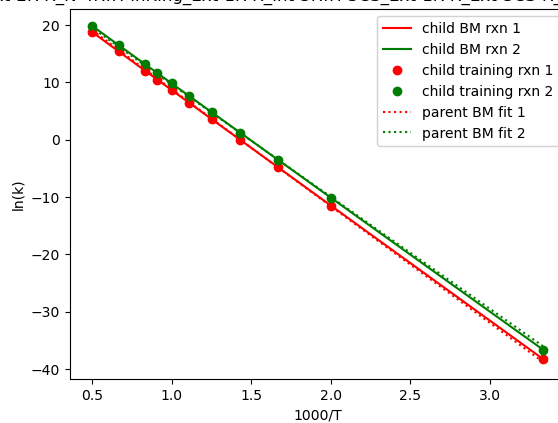
yeah
yeah
 $2.03e+11 \text{ s}^{-1}$ $2.03e+11 \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-3CS-R_Ext-7R!H-R_Sp-8R!H=7R!H_Ext-3CS-R_Ext-4R!H-R



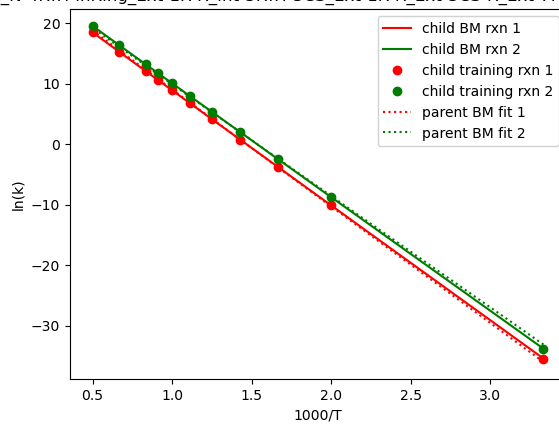
yeah
yeah
 $7.15e+11 \text{ s}^{-1}$ $7.15e+11 \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-3CS-R_Ext-7R!H-R_Sp-8R!H=7R!H_Ext-4R!H-R



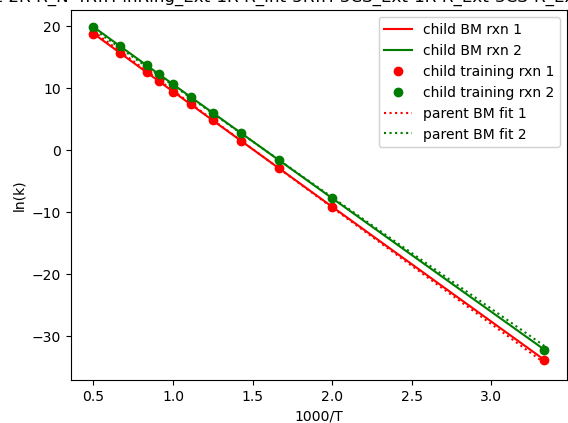
yeah
yeah
 $3.21e+11 \text{ s}^{-1}$ $3.21e+11 \text{ s}^{-1}$

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-3CS-R_Ext-7R!H-R_N-Sp-8R!H=7R!H_Ext-3CS-R_Ext-4R!H-R



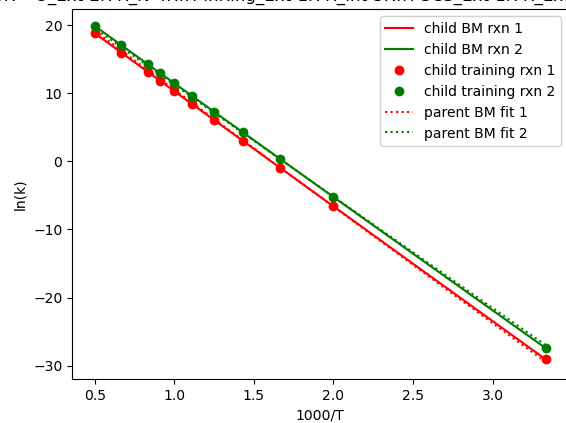
yeah
yeah
3.56e+11 s⁻¹ 3.56e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-3CS-R_Ext-7R!H-R_N-Sp-8R!H=7R!H_Ext-4R!H-R



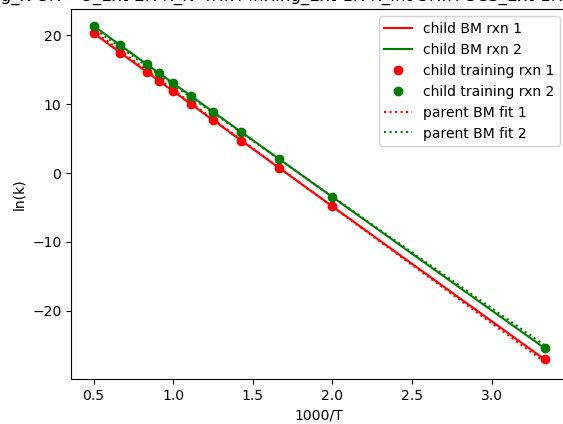
yeah
yeah
1.54e+11 s⁻¹ 1.54e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-3CS-R_Ext-3CS-R_Ext-4R!H-R



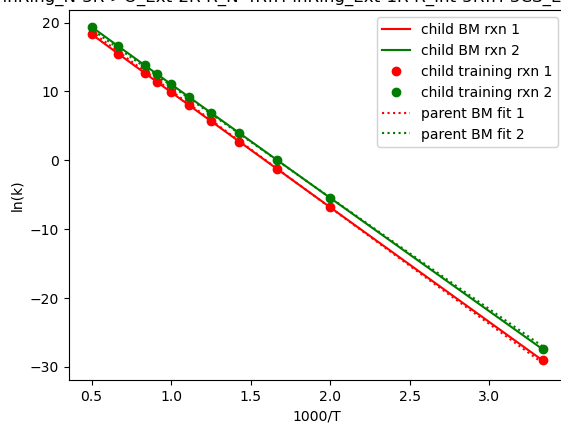
yeah
yeah
6.12e+11 s⁻¹ 6.12e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-3CS-R_Ext-4R!H-R



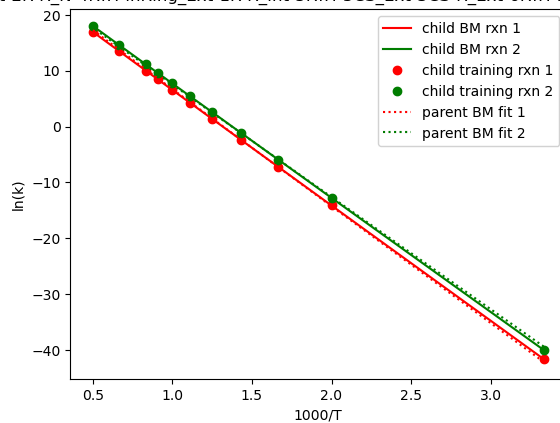
yeah
yeah
8.45e+10 s⁻¹ 8.45e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-1R-R_Ext-4R!H-R



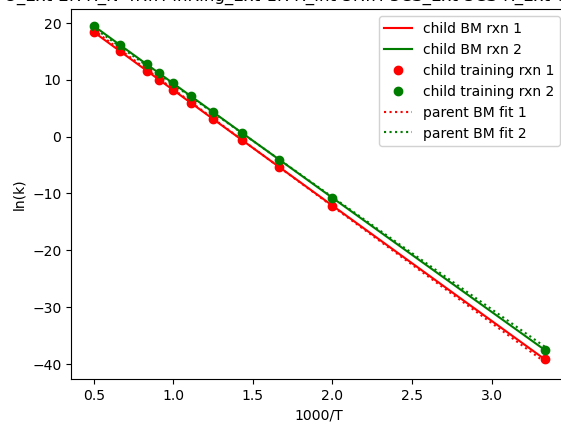
yeah
yeah
1.62e+11 s⁻¹ 1.62e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-3CS-R_Ext-6R!H-R_Sp-7R!H=6R!H_Ext-3CS-R_Ext-4R!H-R



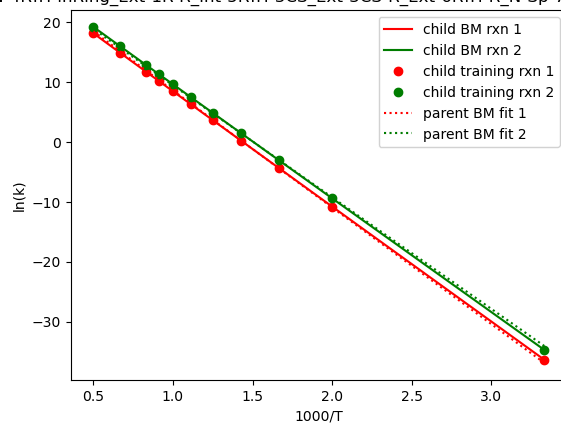
yeah
yeah
5.72e+11 s⁻¹ 5.72e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-3CS-R_Ext-6R!H-R_Sp-7R!H=6R!H_Ext-4R!H-R



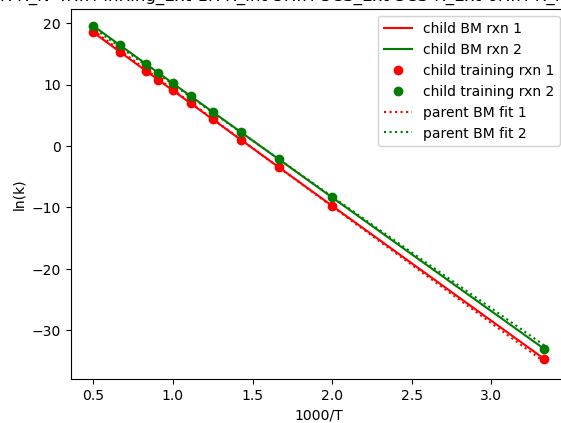
yeah
yeah
2.56e+11 s⁻¹ 2.56e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-3CS-R_Ext-6R!H-R_N-Sp-7R!H=6R!H_N-3CS-inRing_Ext-3CS-R_Ext-4R!H-R



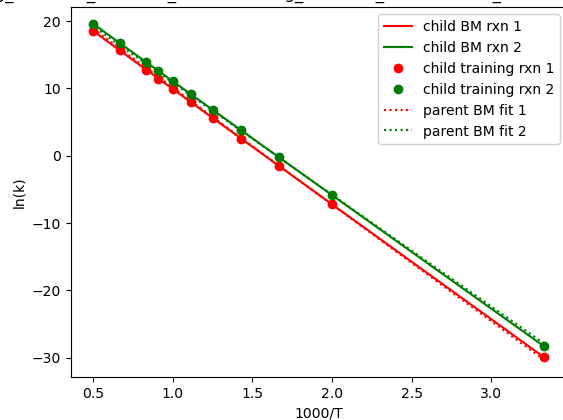
yeah
yeah
2.85e+11 s⁻¹ 2.85e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-3CS-R_Ext-6R!H-R_N-Sp-7R!H=6R!H_N-3CS-inRing_Ext-4R!H-R



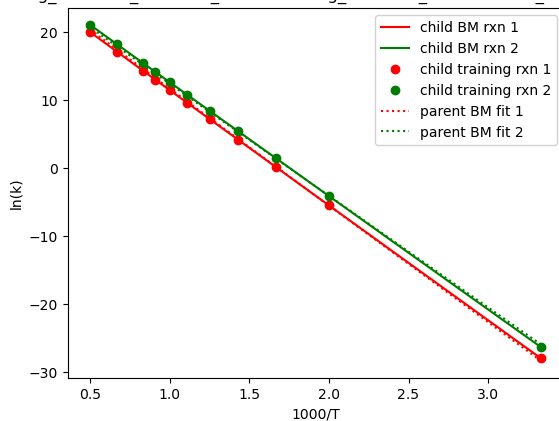
yeah
yeah
1.23e+11 s⁻¹ 1.23e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-3CS-R_Ext-3CS-R_Ext-4R!H-R



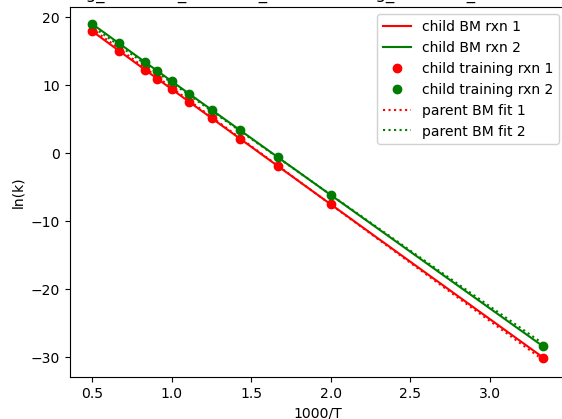
yeah
yeah
4.9e+11 s⁻¹ 4.9e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-3CS-R_Ext-4R!H-R



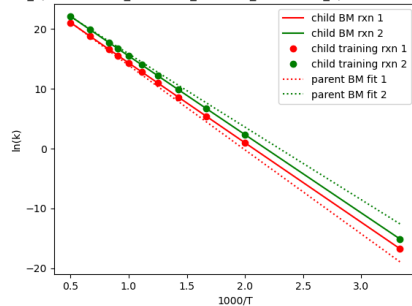
yeah
yeah
6.76e+10 s⁻¹ 6.76e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Int-5R!H-3CS_Ext-4R!H-R



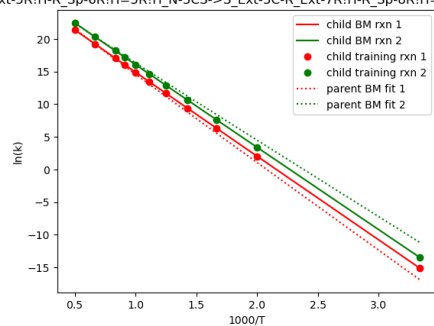
yeah
yeah
2.4e+11 s⁻¹ 2.4e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_Sp-8R!H=7R!H_Ext-8R!H-R_Ext-3C-R_Ext-10R!H-R_N-Sp-11R!H=10R!H_Ext-3C-R_Ext-4R!H-R



yeah
yeah
2.66e+11 s⁻¹ 2.66e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_Sp-8R!H=7R!H_Ext-8R!H-R_Ext-3C-R_Ext-10R!H-R_N-Sp-11R!H=10R!H_Ext-4R!H-R

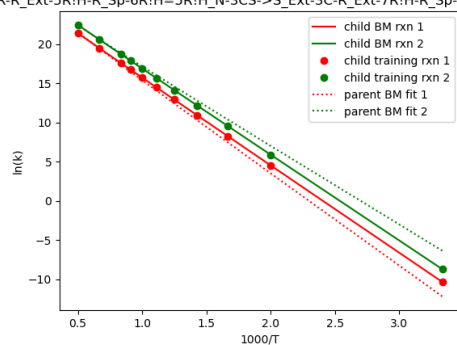


yeah

yeah

1.15e+11 s⁻¹ 1.15e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_Sp-8R!H=7R!H_Ext-8R!H-R_Ext-3C-R_N-3C-inRing_Ext-3C-R_Ext-4R!H-R

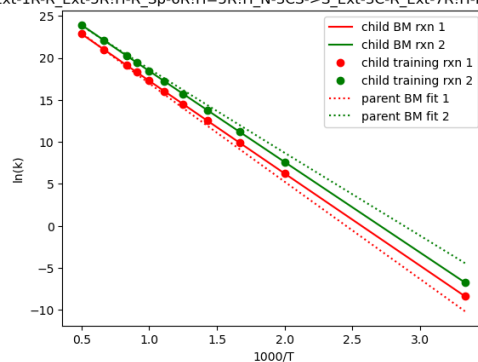


yeah

yeah

4.58e+11 s⁻¹ 4.58e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_Sp-8R!H=7R!H_Ext-8R!H-R_Ext-3C-R_N-3C-inRing_Ext-4R!H-R

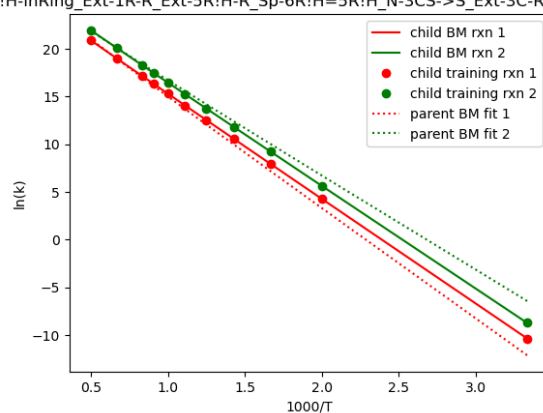


yeah

yeah

6.32e+10 s⁻¹ 6.32e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_Sp-8R!H=7R!H_Ext-8R!H-R_Ext-4R!H-R

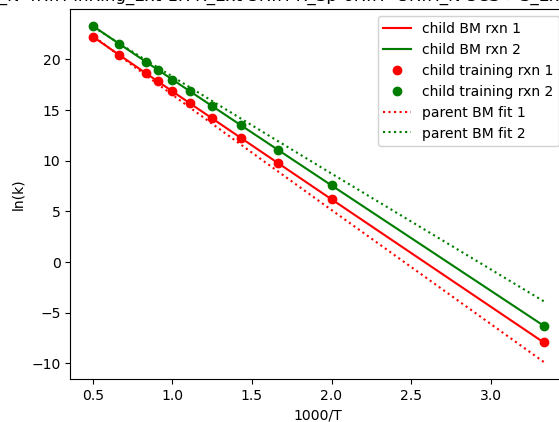


yeah

yeah

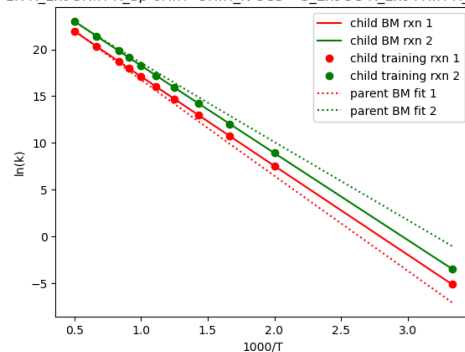
1.99e+11 s⁻¹ 1.99e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_Sp-8R!H=7R!H_Ext-4R!H-R



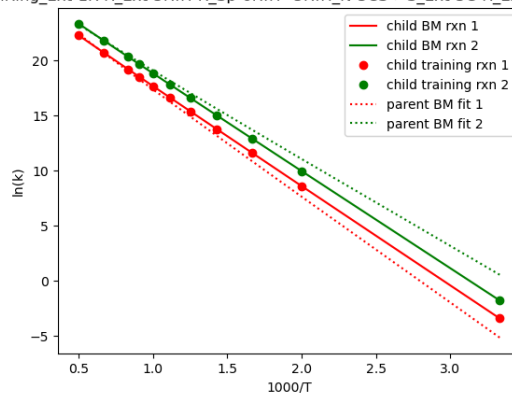
yeah
yeah
8.9e+10 s⁻¹ 8.9e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_N-Sp-8R!H=7R!H_Sp-8R!H#7R!H_Ext-3C-R_Ext-3C-R_Ext-4R!H-R



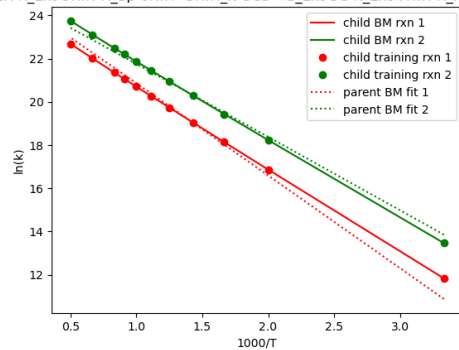
yeah
yeah
9.89e+10 s⁻¹ 9.89e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_N-Sp-8R!H=7R!H_Sp-8R!H#7R!H_Ext-4R!H-R



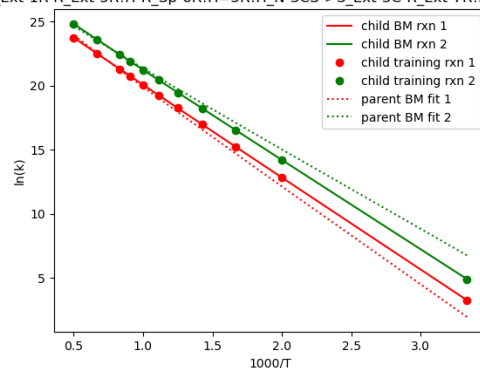
yeah
yeah
1.07e+10 s⁻¹ 1.07e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_N-Sp-8R!H=7R!H_Sp-8R!H#7R!H_Ext-3C-R_Ext-1R-R_Ext-4R!H-R



yeah
yeah
1.7e+11 s⁻¹ 1.7e+11 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_N-Sp-8R!H=7R!H_N-Sp-8R!H#7R!H_Ext-3C-R_Ext-4R!H-R

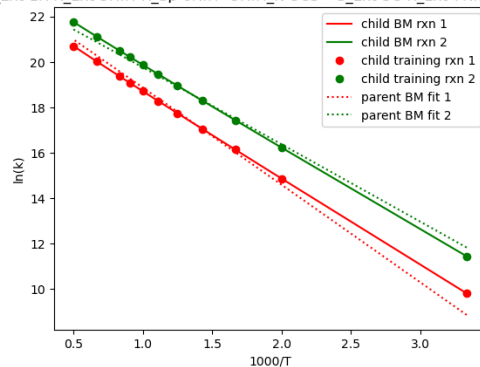


yeah

yeah

1.48e+09 s⁻¹ 1.48e+09 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_N-Sp-8R!H=7R!H_N-Sp-8R!H#7R!H_Ext-1R-R_Ext-4R!H-R

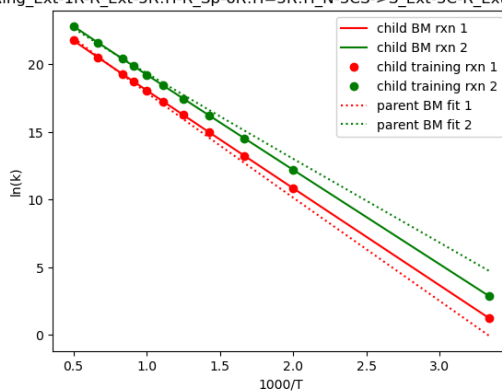


yeah

yeah

2.35e+10 s⁻¹ 2.35e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-3CS->S_Ext-3C-R_Ext-7R!H-R_N-Sp-8R!H=7R!H_N-Sp-8R!H#7R!H_Ext-4R!H-R

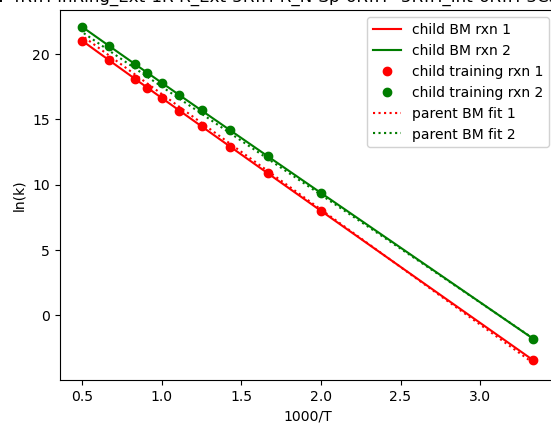


yeah

yeah

2.25e+10 s⁻¹ 2.25e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_N-Sp-6R!H=5R!H_Int-6R!H-3CS_Sp-4R!H-2R_Sp-2R=1R_Ext-1R-R_Ext-4R!H-R

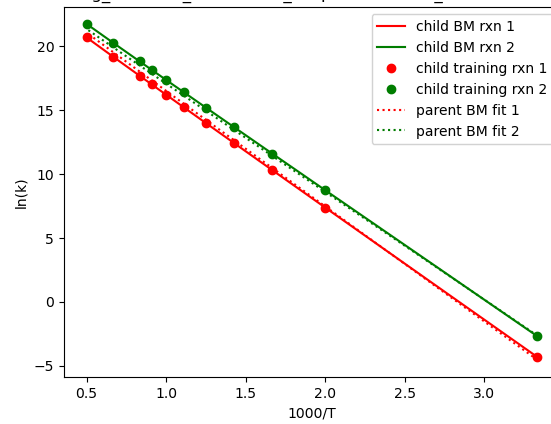


yeah

yeah

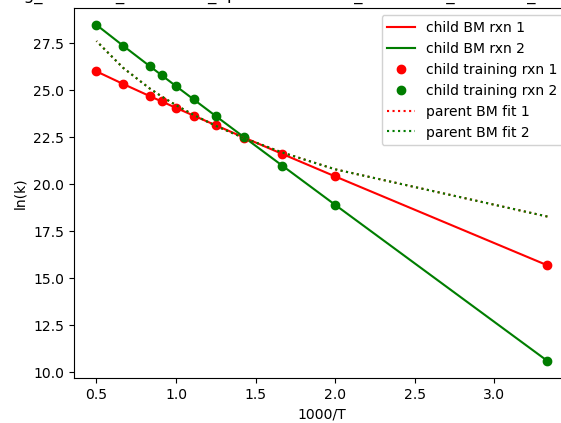
1.8e+10 s⁻¹ 1.8e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-2R-R_N-4R!H-inRing_Ext-1R-R_Ext-5R!H-R_N-Sp-6R!H=5R!H_Int-6R!H-3CS_Sp-4R!H-2R_Sp-2R=1R_Sp-5R!H-1R_Ext-4R!H-R



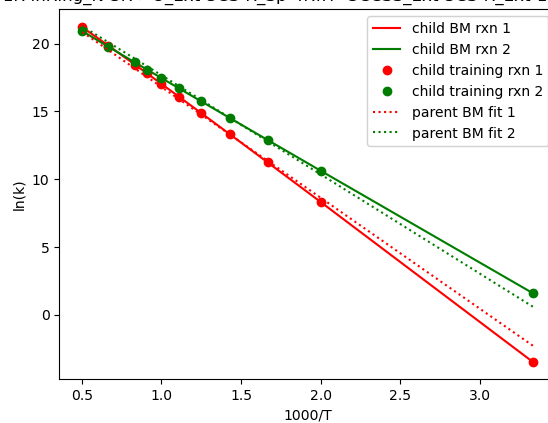
yeah
yeah
8.9e+10 s⁻¹ 8.9e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-3CS-R_Sp-4R!H=3CCSS_Ext-3CS-R_Ext-1R-R_Ext-6R!H-R_N-5R!H-inRing



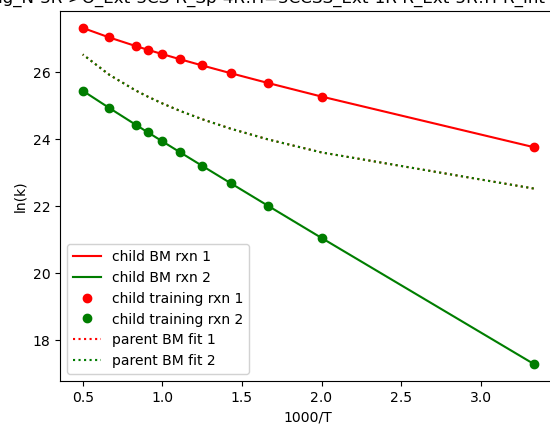
yeah
yeah
4.77e+12 s⁻¹ 4.77e+12 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-3CS-R_Sp-4R!H=3CCSS_Ext-3CS-R_Ext-1R-R_Ext-5R!H-R



yeah
yeah
4.57e+10 s⁻¹ 4.57e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-3CS-R_Sp-4R!H=3CCSS_Ext-1R-R_Ext-5R!H-R_Int-6R!H-4R!H_5R!H-inRing

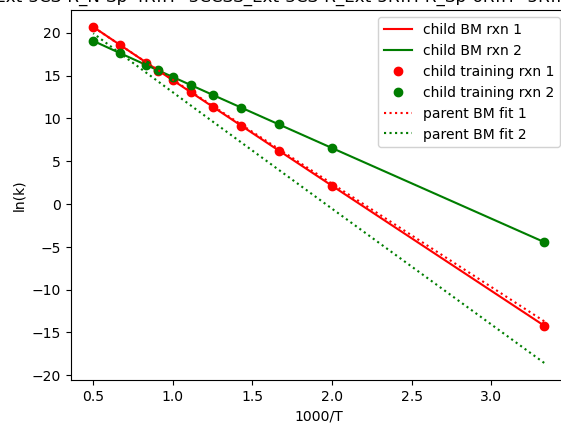


yeah

yeah

9.16e+10 s⁻¹ 9.16e+10 s⁻¹

Root_N-1R-inRing_N-3R->O_Ext-3CS-R_N-Sp-4R!H=3CCSS_Ext-3CS-R_Ext-5R!H-R_Sp-6R!H=5R!H_N-6R!H-inRing_Ext-4R!H-R_Ext-1R-R

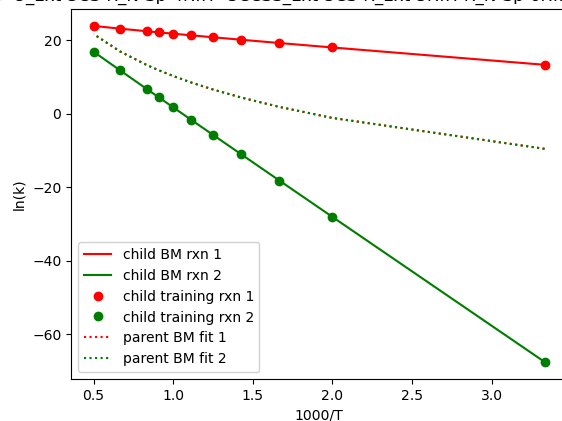


yeah

yeah

6.09e+08 s⁻¹ 6.09e+08 s⁻¹

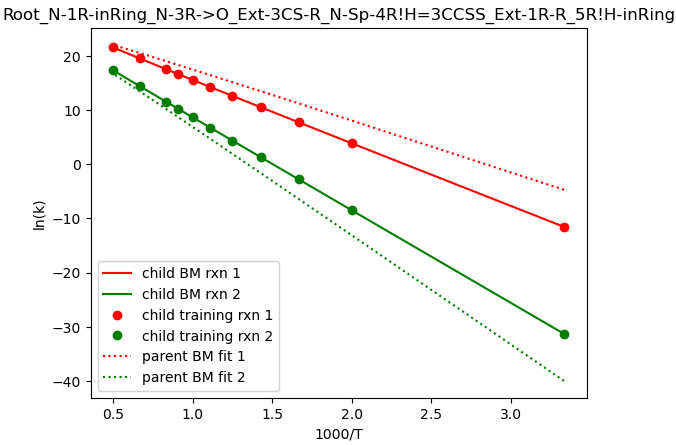
Root_N-1R-inRing_N-3R->O_Ext-3CS-R_N-Sp-4R!H=3CCSS_Ext-3CS-R_Ext-5R!H-R_N-Sp-6R!H=5R!H_3CS-inRing_N-Sp-2R=1R



yeah

yeah

2.315e+10 s⁻¹ 2.315e+10 s⁻¹



In []: