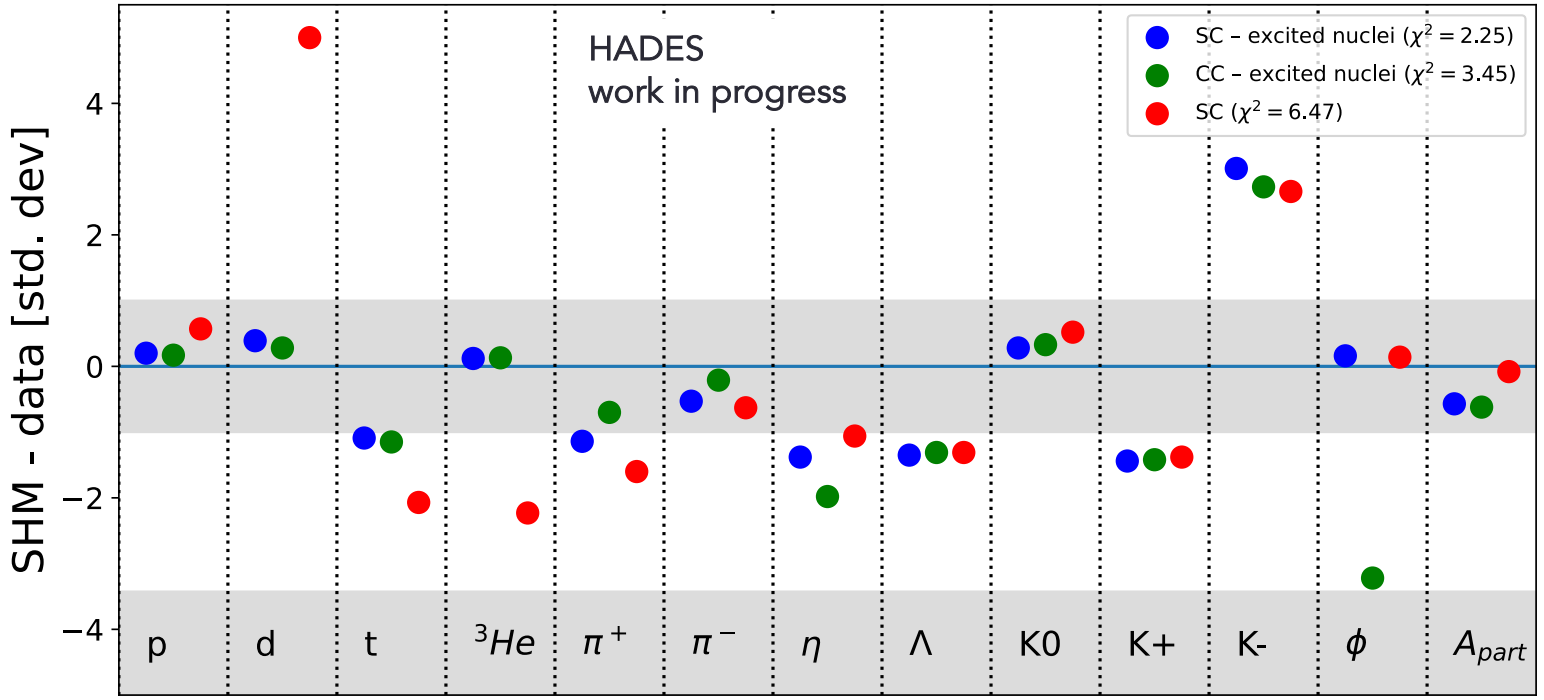
Refined fits including light nuclei

https://github.com/vlvovch/Thermal-FIST (V. Vovchenko, HS)
Comput. Phys. Commun. 244, 295 (2019), 1901.05249 [nucl-th])

A: strangeness canonical, excited nuclear states
B: strangeness canonical, w/o excited nuclear st.
C: grand canonical, excited nuclear states

all non-interacting gas, const. Breit-Wigner width

	A	B	C
T [MeV]	64.0 ± 1.2	66.2 ± 0.7	64.2 ± 1.1
μ_B [MeV]	783 ± 2.5	801 ± 1.5	782 ± 2.5
R [fm]	9.9 ± 0.2	8.7 ± 0.14	9.9 ± 0.17
R_c [fm]	3.39 ± 0.4	2.68 ± 0.14	–
γ_s	1	1	0.056 ± 0.007
χ^2	2.5	6.5	3.5



Melanie final results

From Melanie's data collection Februar 1, 2021

Check for Baryon number conservation

nucleus	<N>	<n_p>
H	81,5	81,5
^{2}H	31,5	31,5
^{3}H	8,5	8,5
^{3}He	6	12
^{4}He		
Sum		133,5
A_{part}	303	121
A_{max}	374	158