$^{14}\rm N$ beam Brho =0.79571 Tm (to be confirmed, calculated assuming the Brho == Brho $^{14}\rm O^{7^+}$ at 7.6 MeV/u)

Low beam intensity (1000 pps)			
1.	Beam counting with Gas profiler	(10 min)	
2.	Check Cats 2 & Cats 1 ok and verify the Gas profiler counting	(30 min)	
3.	Cats2-HF resolution while passing the beam into Vamos (not the	radioactif beam)	
		(10 min-1h)	
4.	Put the target - hole to ensure the beam spot is small & centered	(10 min-1 h)	
5.	Check Vamos signals and spectra	(2-4h)	
6.	Brho scan in Vamos	(1h)	
7.	7. Measure all targets thickness using Vamos. The other (worst) option is to measure the when we use them with the ¹⁴ O beam . For each target measure beam spot size in Va		
	Record Vamos – Hf spectra	(1-2h)	
	Beam spot size for 100 um CH2 should be 5.5 mm FWHM in the focal plane of Vamos. mm from the beam spot size on the target + 3.5 mm from energy straggling		
8.	Insert Cats2 → measure beam spot size in Vamos (extra 6 mm from Cats) 11.5 mm total.		
		(30 min)	
9.	Cover the beam spot with the finger	(10 min)	
10.	10. Increase beam intensity monitoring Vamos & Mugast counting until count problem or f		
	10e+5	(1h)	
11.	Repeat step 8 - 10 with no Cats2	(1h)	
12.	. Check Mugast spectra for id plots with HF as stop	(2h)	
13.	+ Obtain the 1H(14N,p) excitation function	(rest of the time)	
	total	up to 20h	