

document	beam	possible problem	solution
I-140	19O	low yield	
P-305	144Ba	low yield, large contamination	
P-311	37K	good production?	
P-317	52-55Sc	yield?	
I-141	169/Yb, 147,149Gd	lower contamination	RILIS or/plus low work funct cavity
P-275-a1	57Co	low yield, large contamination	
P-258-a1	77Be, 48Cr	low yield, large contamination	
P-265-a1	72,73As; A=77	low yield, large contamination	
	issues in 2011		
experiment	beam	problem	solution
IS482	30Na		solved by Re ioniser
IS450	57Co	lower contamination	
IS445	n-def beams of C		
IS463	n-rich Tl		
IS498	n-rich rare earth		
IS517	140Pr	low yield, large contamination	
YO-HP target; many stable contaminants resulting in "burnt" samples:			
K. Johnston:	<p>In particular: 77Br, 75Se, 48Cr, 69Ge and 57Co all had strong contaminants. 48Cr and 57Co are more tolerated than the others as these are hard to get otherwise and in the case of 48Cr is a new beam. Thierry is hoping to reduce the Ca contamination if a new unit is commissioned. 77Br is for PAC, 75Se is for emission channelling (probably the least tolerant method for stable contaminants).</p> <p>What was good from this run were 73As (for emission channelling) and 61Cu for diffusion and PAC. These two were excellent.</p> <p>Otherwise, Mn yields were below expectation, but still fine.</p>		