

Other difficult beams accepted in 2014

Exp/ prop	INTC	beam	setup	comments	RILIS
IS532	Feb-14	Sc	ISOLTRA P	Yield increase x400 by RILIS is a very rough estimate. To be checked in off-line test. Slow release of Sc from Nb target was reported by TRIUMF. Online TISD required.	No Sc isotopes released from UC target and mass marker
IS456	Feb-14	Po-	Windmill	LIST improvement is needed	
IS537	Feb-14	Hf	IDS?	Vadis, possible – to be put in GUI	
I-157	Jun-14	221, 223At	IDS	Negative ion source should be tested 1 st : (can provide very pure beams and is also requested by an accepted LOI). Or RILIS + quartz line – development needed	
IS575	Jun-14	Br	NICOLE	negative ion source	
P-419	Nov-14	132Sn	Miniball	check that contaMINATION is not too high for REX	RILIS + LIST or low-work function to test?
P-421	Nov-14	136Te	Miniball	TISD: Ucx+LIST+n-conv+RILIS	Development possible
P-422	Nov-14	156-168Yb	Miniball	beam purity not certain	Yes
P-423	Nov-14	72Se	Miniball	Test with REX-trap needed	Difficult / No
P-429	Nov-14	130-134In	Miniball	would profit from new n-conv	Yes