

Week 48			Week 49							Week 50							Week 51							Week 52						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
a)		b)					U217, Block, 40Ar, 4.5 MeV/u, 1 puA, 1ms,5Hz Y7			U216, Bender/Bender, 136Xe, 1.4MeV/u, few nA, 5ms, >25Hz, HLI, UU			B																	
			UBIO, Scholz/Scholz, C, 11.4 MeV, 2 TnA, 50Hz, 5 ms. X6			c)		UBIO, Scholz/Scholz, U, 11.4 MeV, 2 TnA, X6																						
Therapy, Haberer, 12C (ECR), HTM							d)			S300, Bruce/Gerl, U-238, 750, max, spill flat long extraction, S4							S000 40Ar (MUCIS)													
S294, J. Benlliure/K.-H. Schmidt, 238U, 950 MeV/u, 2e9/spill, 10 s extraction, FRS							e)			S302, Mintsev/Varentsov, 238U73+ (PIG), 300-400 MeV/u, 5e9/spill, fast extraction, bunch compression, SIS cooler, HHT																				
			g)		f)			E045, Stoehlker, U91+, U92+, 350 MeV/u, 1e8 in ESR, SIS cooler, deceleration in ESR to 20-50 MeV/u, ESR electron cooler																						
										SMAT, Trautmann/Trautmann, U, 150 MeV/u, 3e8 ions/spill, -, HTA																				

a)UMAT, Trautmann/Trautmann Christina, 238U, 11.4 MeV/u, 10 nA, 5ms, 50Hz, (if possible), X0

b) U221, Braeuning-Demian/Mann, 238U, 5 MeV/u bis 11.4 MeV/u, <5Hz, 1ms, X4

c) U226, Roth/Blazevic, Ar, 5.9, 250 pA, Z6

d) S317, Hofmann/Franchetti, Ar, 11.4 MeV/u, SIS18 injection energy, maximum intensity (space charge limit), day only, SIS/UNILAC

e) S249, Golubev/Mustafin, Ar, 1600 MeV/u, 1e7/spill SIS, days only HTA

f) E070, Moshhammer/Hagmann, He-like Xe to U, 100 -400AMeV, 1e8/spill, SIS cooler, ESR jet target

g) S223, Suemmerer/Aumann, 12C, 500, 1E3/spill, slow extraction, days only, HTC