

論文訂正:TUP052 (pp. 575 - 579)

本論文の著者より訂正依頼がありました。訂正箇所は 576 ページの Table 1 です。訂正内容は以下の通りです。

2023 年 2 月 28 日

日本加速器学会 編集委員会

○論文中的具体的な箇所及びその文言または図表

Beam particle	Energy (MeV/u)	Acceleration mode	Beam course	Beam intensity (particle nA)		Beam service time (h)		Down time (h)	Availability (%)	
				Requested	Actual	Scheduled	Actual			
RARF										
¹² C	135	AVF-RRC	E5B (Biology)	2	541.7	39.0	13.6	0.0	100.0	
			E5A (Industry)	2	91.7	5.0	5.1	0.0	101.7	
¹⁴ N	100		E3B (RI Production)	200	320.0	6.0	6.5	0.0	108.3	
			E5B (Biology)	2	120.0	3.0	1.9	0.0	100.0	
²⁰ Ne	135		E5A (Industry)	1	54.1	97.0	132.1	0.0	136.1	
			E5B (Biology)	2	7.7	9.0	2.6	0.0	100.0	
⁴⁰ Ar	95		E5A (Industry)	2	10.5	198.0	250.8	2.6	126.7	
			E5B (Biology)	2	18300	1100.0	24.0	33.6	0.0	139.9
⁵⁶ Fe	90		RRC (MS)	18300	1100.0	24.0	33.6	0.0	139.9	
			E6 (GARIS2)	2000	2230.8	12.0	0.0	0.0	100.0	
⁸⁴ Kr	70	RILAC2-RRC	F2B (KEK/KISS)	500	555.6	48.0	47.4	1.3	98.8	
			E2B (KEK/KISS)	100	136.5	144.0	123.2	1.3	100.0	
E3A (JAXA)	1		100.0	18.0	17.3	0.0	100.0			
¹³⁶ Xe	10.75		E5A (Material)	2	214.3	48.0	37.4	0.0	100.0	
			E5B (Biology)	2	29.4	30.0	8.5	0.0	100.0	
²³⁸ U	10.75		AVF-RRC-IRC	Subtotal		681.0	679.9	5.2	116.7	
RIBF										
²³⁸ U (1st)	345		RILAC2-RRC-IRC-IRC-SRC	BigRIPS/ZDS/Rare-RI Ring/PALIS	60	117.2	624.0	510.5	221.6	81.8
				BigRIPS/ZDS	600	782.0	216.0	244.2	7.8	113.0
⁷⁰ Zn		BigRIPS/ZDS/Rare-RI Ring		70	89.5	648.0	610.6	59.5	94.2	
				²³⁸ U (2nd)	BigRIPS/ZDS	500	500.0	192.0	196.5	27.5
¹² C	250	AVF-RRC-SRC	BigRIPS			200	220.0	180.0	181.3	2.7
			² He	200	BigRIPS/SHARAQ	> 500	1000.0	197.0	206.2	2.8
Subtotal		2057.0			1949.2	322.0	94.8			
Total					2738.0	2629.1	327.1	99.6		

○上記について、取り下げの具体的な理由、修正の場合は差し替えの文言または図表

Table 1 の内容に不適切な表記があったため、下記の通り修正いたします。

Beam particle	Energy (MeV/u)	Acceleration mode	Beam course	Beam intensity (particle nA)		Beam service time (h)		Down time (h)	Availability (%)	
				Requested	Actual	Scheduled	Actual			
RARF										
¹² C	135	AVF-RRC	E5B (Biology)	2	541.7	39.0	13.6	0.0	100.0	
			E5A (Industry)	2	91.7	5.0	5.1	0.0	101.7	
¹⁴ N	100		E3B (RI Production)	200	320.0	6.0	6.5	0.0	108.3	
			E5B (Biology)	2	120.0	3.0	1.9	0.0	100.0	
⁴⁰ Ar	95		E5A (Industry)	1	54.1	97.0	132.1	0.0	136.1	
			E5B (Biology)	2	7.7	9.0	2.6	0.0	100.0	
⁵⁶ Fe	90		E5A (Industry)	2	10.5	198.0	250.8	2.6	126.7	
⁸¹ Kr	70		RRC (MS)	18300	1100.0	24.0	33.6	0.0	139.9	
⁴ He	7.25		E6 (KEK/MRTOF)	2000	2230.8	12.0	0.0	0.0	100.0	
⁵¹ V	6		E2B (KEK/KISS)	500	555.6	48.0	47.4	1.3	98.8	
⁸⁶ Kr	10.75	RILAC2-RRC	E2B (KEK/KISS)	100	136.5	144.0	123.2	1.3	100.0	
			E3A (JAXA)	1	100.0	18.0	17.3	0.0	100.0	
¹³⁶ Xe	10.75		E5A (Material)	2	214.3	48.0	37.4	0.0	100.0	
			E5B (Biology)	2	29.4	30.0	8.5	0.0	100.0	
²³⁸ U	10.75		Subtotal		681.0	679.9	5.2	116.7		
⁴⁰ Ar	160		AVF-RRC-IRC							
RIBF										
²³⁸ U (1st)	345		RILAC2-RRC-IRC-IRC-SRC	BigRIPS/ZDS/Rare RI Ring/PALIS	60	117.2	624.0	510.5	221.6	81.8
⁷⁰ Zn				BigRIPS/ZDS	600	782.0	216.0	244.2	7.8	113.0
²³⁸ U (2nd)				BigRIPS/ZDS/Rare RI Ring	70	89.5	648.0	610.6	59.5	94.2
¹² C	250	AVF-RRC-SRC	BigRIPS/ZDS	500	500.0	192.0	196.5	27.5	102.3	
² H	250		BigRIPS	200	220.0	180.0	181.3	2.7	100.7	
⁴ He	200		BigRIPS/SHARAQ	> 500	1000.0	197.0	206.2	2.8	104.7	
Subtotal						2057.0	1949.2	322.0	94.8	
Total						2738.0	2629.1	327.1	99.6	