

RESIDUAL GAS IN TC AFTER TRANSFERS

Records are shown in Table 1 for the residual gas in TC after target transfers.

Table 1. Residual HD gas in TC (Juelich TC)

BNL						
Dates	Target	Gas	P (mbar)	Ratio to inject	Notes	
BNL						
Oct.26,04		H2	649		Evaporated in TC	
Mar.1,05		H2	650		Evaporated in TC	
Aug.4,05		JMU-1	685		Evaporated in TC	
Sep.22,05	T5		60		PD → SD	
Oct.20,05			2			
Jan.22,06	T5		2.7		SD → PD → SD, M3 > M4, p = 0 via Liq. N2 trap	
Feb.5,06			0.2		M3 > M4	
Feb.8,06			0.0			
Feb.14,06			0.0			
Mar.2,06	T6		0.9		PD → DF	
Oct.8,06	T5		1.2		SD → PD	
Oct.9,06	T5		2.8		PD → IBC	
Oct.12,06	T5		4.1		IBC → SD	
Oct.13,06	T6		2		DF → PD; M3 > M4	
Oct.14,06	T6		2.8		PD → IBC; M3 > M4	
Nov.11,06	T6		6		IBC → PD	
Nov.13,06	Empty		0.0		TC → IBC	
Dec.6,06			4.2		IBC → PD	
Jan.17,07	T7		5.4		DF → PD	
Jlab						
Nov.22,10			0.7		Air leak	
Feb.16,11	Bot target		51.7		PD → DF; M3 > M4	
Mar.3,11	Mid Target		11.9		PD → DF; M3 > M4	
Mar.6,11	Top Target		3		PD → DF; M3 > M4	
May.10,11	Test Target		16.3		PD → SD; M3 > M4, M28, M32	