0.8 - 0.6 - 0.4 -			
ndod 0.4 -			
0.2 -			
0.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da)	7
1.0 -		LeuEnk_HI: 0001-0005 YGGFL z=1	Exp 1, rep1
0.8 - 0.6 -		×	x pop1 ★ Centroid
0.0 -	*	- ×	
0.0 -	0	1 2 3 4 5 6	7
1.0		Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	Exp 2, rep1 pop0
0.8 -		*	x pop0pop1x pop1★ Centroid
0.6 - bobniation 0.4 -			
0.2 -		*	
0.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	7
0.8 -		O:: •	Exp 3, rep1
0.6 - 0.6 - 0.4 -			Centrola
0.4 -			
0.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da)	7
1.0 -		LeuEnk_HI: 0001-0005 YGGFL z=1 ★	Exp 4, rep1
0.8 -	×		x pop1★ Centroid
0.6 -	8	♣ O	
0.2 -	0	1 2 3 4 5 6	7
1.0 -	*	Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	Exp 5, rep1 pop0
0.8 -	×		x pop0o pop1x pop1★ Centroid
0.6 -	0	O *	
0.2 -			
0.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	7
0.8 -		*	Exp 6, rep1 pop0 pop1 pop1 Centroid
0.6 -	× O	O ※	★ Centroid
0.4 -			
0.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da)	7
1.0		LeuEnk_HI: 0001-0005 YGGFL z=1 ★	Exp 7, rep1
0.8 -	×		pop1x pop1★ Centroid
0.6 -	× O	O _*	
0.2 -			
1.0	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	Exp 8, rep1
0.8 -			pop0x pop0pop1x pop1★ Centroid
0.6 -		O _X	
0.2 -			
0.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	7
0.8		LeuErik_Hi: 0001-0005 †GGFL Z=1	Exp 9, rep1 pop0 pop0 Centroid
0.6 -		0 0	
0.4 -			
0.0 -	0	1 2 3 4 5 6	7
1.0 -		Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	Exp 10, rep1 pop0
0.8 -			<pre>x pop0 pop1 x pop1 ★ Centroid</pre>
0.6 -		○ ※	
0.2 -			
0.0 -	Ö	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	7
0.8 -		*	Exp 11, rep1
0.6 -		*	★ Centroid
0.2 -		×	
0.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da)	7
1.0		LeuEnk_HI: 0001-0005 YGGFL z=1	Exp 12, rep1
0.8 -		×	pop1x pop1★ Centroid
0.6 -		o o *	
0.2 -			
1.0	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	7 Exp 13, rep1
I			pop0 x pop0
0.8 -			★ Centroid
		0 0	* Centrola
			* Centrold
0.6 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da)	* Centrold
0.6 -		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	Exp 14, rep1
0.6 -		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	7 Exp 14, rep1
0.6 -		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	7 Exp 14, rep1 pop0 pop0 pop1 pop1
0.6		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O	7 Exp 14, rep1
0.6 0.4 1 1.0 1 0.8 0.4 0.2 0.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * C	Exp 14, rep1 pop0 pop1 pop1 Centroid
0.6 0.4 1 1.0 1 1.0 1 1.0 1 1.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * Co Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1	Exp 14, rep1 pop0 pop1 pop1 Centroid Exp 15, rep1 pop0 pop0 pop0
0.6 0.4 1 1.0 1 1.0 1 1.0 1 1.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * Co Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * * * * * * * * * * * *	Exp 14, rep1 pop0 pop1 pop1 Centroid Exp 15, rep1 pop0 pop0 pop0
0.6 - 0.4 - 0.0 - 1.0 - 1.0 - 0.8 - 0.4 - 1.0 - 1.0 - 1.0 - 0.8 - 0.6 - 1.0 - 1.0 - 1.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * Co Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * * * * * * * * * * * *	Exp 14, rep1 pop0 pop1 pop1 Centroid Exp 15, rep1 pop0 pop0 pop0
0.6 - 0.4 - 0.0 - 1.0 - 0.8 - 0.4 - 0.2 - 1.0 - 1.0 - 1.0 - 1.0 -	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * Co A Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * Co Co Co Co Co Co Co Co Co	Exp 14, rep1 pop0 pop1 pop1 Centroid Exp 15, rep1 pop0 pop0 pop0
0.6 - 0.4 - 0.0 - 1.0 - 1.0 - 0.8 - 0.4 - 1.0 - 1.	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * C O A 1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * C O O LeuEnk_HI: 0001-0005 YGGFL z=1 * A C O O LeuEnk_HI: 0001-0005 YGGFL z=1 * A O	To a series of the series of
0.6 - 1.0 - 1.	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * C Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * C Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * C C C C C C LeuEnk_HI: 0001-0005 YGGFL z=1 * A C C C C C C C C C C C C	Exp 14, rep1 pop0 pop0 pop1 pop1 Centroid 7 Exp 15, rep1 pop0 pop0 centroid
0.6 - 0.4 - 1.0 - 1.0 - 0.8 - 0.6 - 1.0 - 1.	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * C O A 1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * C O O LeuEnk_HI: 0001-0005 YGGFL z=1 * A C O O LeuEnk_HI: 0001-0005 YGGFL z=1 * A O	Exp 14, rep1 pop0 pop0 pop1 pop1 Centroid 7 Exp 15, rep1 pop0 pop0 centroid
0.6 - 1.0 - 1.	0	1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * Co O O O O O O O O O O O O O	Exp 14, rep1 pop0 pop0 pop1 pop1 Centroid 7 Exp 15, rep1 pop0 pop0 centroid
0.6 - 0.4 - 0.2 - 0.0 - 1.		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * O O A 1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O O O O O O O O O O O O	Exp 14, rep1 pop0 pop1 pop1 pop1 Centroid representation of the pop0 pop0 pop0 pop0 pop0 pop0 pop1 Centroid pop0 pop0 pop1 Centroid
0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * * * * * * * * * * * *	Exp 14, rep1 pop0 pop1 pop1 Centroid To Exp 15, rep1 pop0 pop0 x pop0 x pop0 x pop0 x pop1 x Centroid To To Exp 17, rep1 pop0 x pop0
0.6 0.4 0.2 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1 1.0 1		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O A O A O O A 1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O O O O A 1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O O O A O O O A O O O A O O	Exp 14, rep1 pop0 pop1 pop1 Centroid To Exp 15, rep1 pop0 pop0 x pop0 x pop0 x pop0 x pop0 x pop1 x Centroid To To Exp 17, rep1 pop1 x pop0 x pop0 pop1 x pop1
0.6 0.4 1 - 1.0 1		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O A O A O O A 1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O O O O A 1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O O O A O O O A O O O A O O	Exp 14, rep1 pop0 pop1 pop1 Centroid To Exp 15, rep1 pop0 pop0 x pop0 x pop0 x pop0 x pop0 x pop1 x Centroid To To Exp 17, rep1 pop1 x pop0 x pop0 pop1 x pop1
0.6 - 0.4 - 0.2 - 0.6 - 0.6 - 0.6 - 0.6 - 0.7 - 1.0 - 0.8 - 0.6 - 0.7 - 1.0 - 0.8 - 0.8 - 0.8 - 0.9 - 1.0 -		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * * * * * * * * * * * *	Exp 14, rep1
0.6 - 1.0 - 1.		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * * * * * * * * * * * *	Exp 14, rep1 pop0 pop0 pop1 pop0 pop1 Centroid
0.6 - 1.0 - 1.		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * * * * * * * * * * * *	Exp 14, rep1 pop0 pop0 pop1 pop0 pop1 Centroid
0.6 - 1.0 - 1.		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * * * * * * * * * * * *	Exp 14, rep1 pop0 pop0 pop1 pop0 pop1 Centroid
0.6 - 1.0 - 1.		1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * * * * * O O 1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O O O 1 2 3 4 5 6 Relative Deuterium Level (Da) LeuEnk_HI: 0001-0005 YGGFL z=1 * O O O * * O O O O O O O	Exp 14, rep1 pop0 pop0 pop1 pop0 pop1 x pop0 pop0 x pop0 x pop0 x pop0 x pop0 x pop1 x pop1 x centroid Exp 17, rep1 pop0 pop1 x pop0 pop1 x pop0
0.6 -		1	Exp 14, rep1 pop0 pop1 pop1 Centroid Frame Centroid Exp 15, rep1 pop0 pop0 x pop0 x pop0 pop1 x pop0 x p
0.6 -		1	Exp 14, rep1 pop0 pop1 pop1 pop1 Centroid fr fr Exp 15, rep1 pop0 pop0 pop0 pop0 centroid fr fr Exp 16, rep1 pop0 pop0 pop1 centroid fr fr Exp 17, rep1 pop0 pop0 pop1 centroid fr fr Exp 18, rep1 pop0 pop0 pop0 pop0 pop0 pop0 pop0 centroid
0.6 -		1	Exp 14, rep1 pop0 pop0 pop1 pop1 Centroid 7 Exp 15, rep1 pop0 pop0 pop0 centroid 7 Exp 17, rep1 pop0 pop1 pop1 centroid 7 Exp 18, rep1 pop0 pop1 pop0 pop1 centroid 7 Exp 18, rep1 pop0 pop0 pop1 centroid Centroid
0.6 -	, O	1	Exp 14, rep1 pop0 pop0 pop1 pop1 pop1 centroid 7 Exp 15, rep1 pop0 pop0 pop0 pop1 pop0 pop1 centroid 7 Exp 17, rep1 pop0 pop0 pop1 centroid 7 Exp 18, rep1 pop0 pop0 pop1 centroid Centroid
0.6 0.4 1 - 1.0 1	, O	1	Exp 14, rep1 pop0 pop0 pop1 x pop1 Centroid 7 Exp 15, rep1 pop0 x pop0 x pop0 x pop0 x pop0 x pop0 x pop1 x centroid 7 Exp 19, rep1 pop0 x pop0 x pop1 x centroid 7 Exp 19, rep1 x pop0 x pop1 x centroid
0.6 0.4 0.2 1 - 0.8 0.4 0.2 0.0 1 - 0.8 0.4 0.2 0.0 1 - 1.0 0.8 0.4 0.2 1 - 0.4 0.2 1 - 0.4 0.2 1 - 0.4 0.2 1 - 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.6 0.6 0.7 1 - 0.8 0.6 0.7 1 - 0.8 0.	, o	1 2 3 4 5 6	Exp 14, rep1
0.6 -	, o	1 2 3 4 5 6	Exp 14, rep1
0.6 0.4 1 - 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.	, o	1	Exp 14, rep1
0.6 -	, o	1	Exp 14, rep1 pop0 pop1 pop1 pop1 pop0 pop0 pop0 p
0.6 -		1	Exp 14, rep1 pop0 pop1 pop1 pop0 pop0 pop0 pop0 p
0.6 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 -		1	Exp 14, rep1 pop0 pop0 pop1 x pop0 pop1 x pop0 x pop1 x pop0 x pop1 x pop0 x pop1 x pop0 x pop1 x pop0 x
0.6 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 -		1	Exp 14, rep1 pop0 pop0 pop1 pop1 x centroid
0.6 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 0.6 0.4 0.2 1 - 0.8 -		Pelative Deuterium Level (Dat LeuEnk_HI: 0001-0005 YGGFL z=1 ** ** ** ** ** ** ** ** **	Exp 14, rep1 pop0 pop1 pop1 pop0 pop1 pop0 pop0 p
0.6 -		1	Exp 14, rep1
0.6 -		1 2 3 4 5 6	Exp 14, rep1
0.6 -		1 2 3 4 5 6	Exp 14, rep1
0.6 - 0.4 - 0.2 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.6 - 0.4 - 0.2 - 0.6 - 0.4 - 0.2 - 0.6 - 0.4 - 0.2 - 0.6 - 0.4 - 0.2 - 0.6 - 0.4 - 0.2 - 0.6 - 0.4 - 0.5 - 0.6 - 0.6 - 0.7 - 0.8 -		1 2 3 4 5 6	Exp 14, rep1