

# Analysis of Carbon Nanotubes

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## Chiral indice m

Calculated ..	Calculated ..	Calculated ..	
Null	38741	806413	4
	67216	922894	6
	73926	353174	6
	73983	271033	5
	79638	340207	4
	87356	363738	5
	130205	470772	3
	131437	157959	2
	165021	117626	1
	193038	598876	5
	382001	81727	2
	435797	847933	3
	552369	142679	6
	593684	903652	2
	617997	232297	3
	639249	220574	4



## Chiral indice n

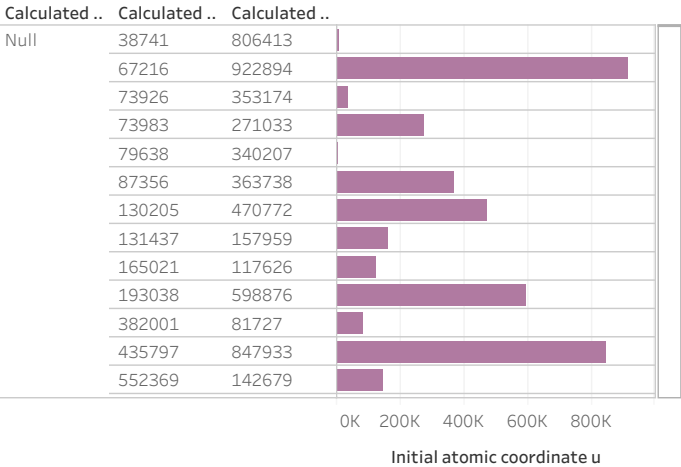
Calculated ..	Calculated ..	Calculated ..	
Null	38741	806413	10
	67216	922894	7
	73926	353174	8
	73983	271033	8
	79638	340207	9
	87356	363738	7
	130205	470772	8
	131437	157959	9
	165021	117626	10
	193038	598876	8
	382001	81727	11
	435797	847933	12
	552369	142679	10
	593684	903652	10
	617997	232297	7
	639249	220574	9

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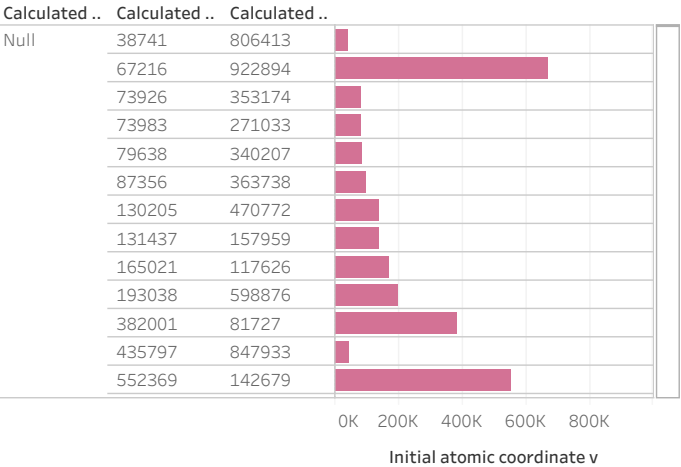
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Initial atomic coordinate u



Initial atomic coordinate v



Initial atomic coordinate w

