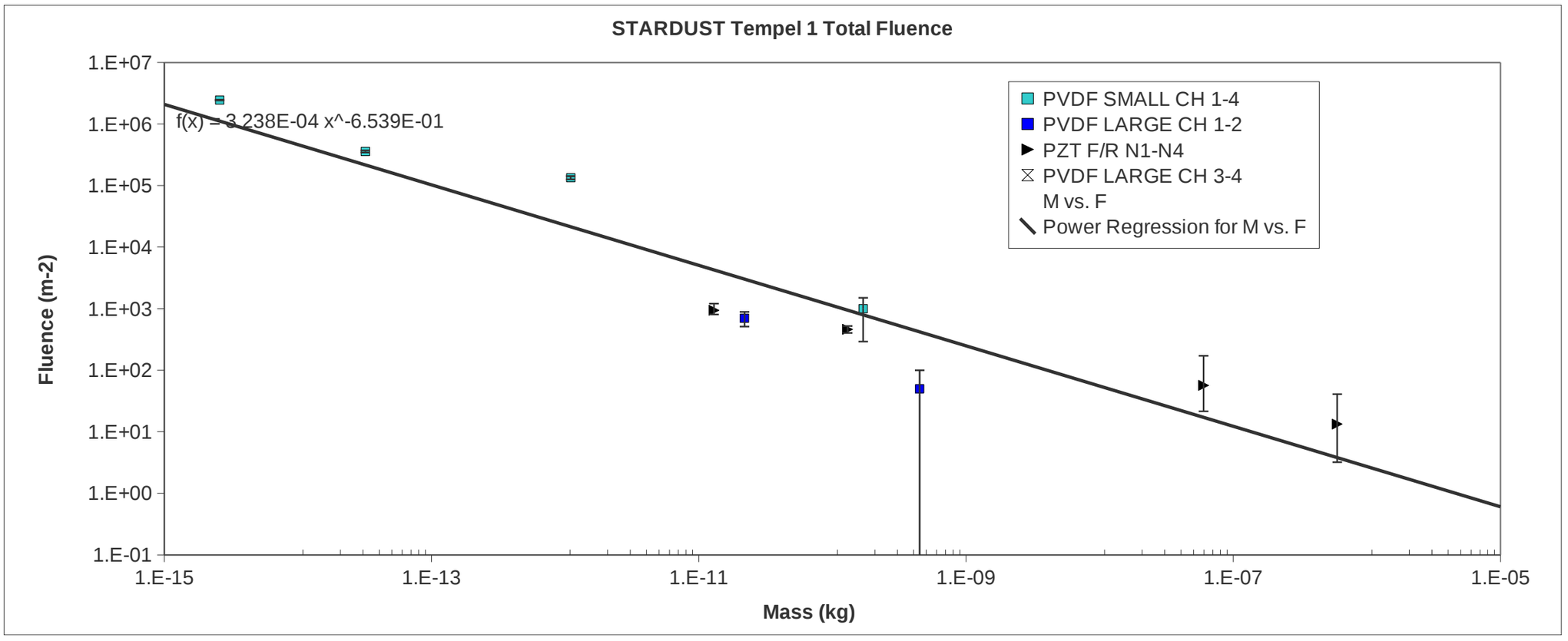	A	B	C	D	E	F	G	H	I	J	K	L	M
1											="Ln=ln*SQRT(1/Hn)"		
2										="Jn=ln*SQRT(1/Hn)"	="Ln=Jn*35/Hn"		
3										="Jn=ln*18/Gn"	="Ln=ln*SQRT((1/Hn)+((Gn/0.1-ln)/ln)^2)"		
4									="In=Gn/Dn"	="Kn=In*SQRT((1/Hn)+((In-Gn/0.7)/In)^2)"	="Ln=1/Dn"		
5						="Fn=2000000*((En*3)/(B7*4*PI()))^(1/3)"			="In=1.00E-10	="Jn=In*0.999999"	="Ln=1.1/Dn"	="Mn=Fn/2	="Nn=Fn"
6		density											
7	TEMPEL 1	500											
8													
9						V			V	V	V	V	V
10				**Assumes Acoustic sensor effective areas based on alpha=0.65**									
11	**Updated calculation**			**Total Fluence**									
12				Eff area	Mass	diam	Events	events	Fluence	Fluence uncertainties		Mass uncertainties	
13				(m^2)	(kg)	(um)		for errors	(m^{-2})	minus	plus	minus	plus
14	PZT FRONT N1			0.132	1.30E-11	=2000000*((E14*3)/(B7*4*PI()))^(1/3)	124	+35/-18	=G14/D14	=I14*18/G14	=I14*35/G14	1.00E-11	3.00E-11
15	N2			0.132	1.30E-10	=2000000*((E15*3)/(B7*4*PI()))^(1/3)	61	61	=G15/D15	=I15*SQRT(1/H15)	=I15*SQRT(1/H15)	1.00E-10	3.00E-10
16	PZT REAR N3			0.3	6.00E-08	=2000000*((E16*3)/(B7*4*PI()))^(1/3)	17	17	=G16/D16	=I16*SQRT((1/H16)+((I16-G16/0.7)/I16)^2)	=I16*SQRT((1/H16)+((G16/0.1-I16)/I16)^2)	4.00E-08	6.00E-08
17	N4			0.3	6.00E-07	=2000000*((E17*3)/(B7*4*PI()))^(1/3)	4	4	=G17/D17	=I17*SQRT((1/H17)+((I17-G17/0.7)/I17)^2)	=I17*SQRT((1/H17)+((G17/0.1-I17)/I17)^2)	4.00E-07	6.00E-07
18	PVDF LARGE CH 1			0.02	2.20E-11	=2000000*((E18*3)/(B7*4*PI()))^(1/3)	14	14	=G18/D18	=I18*SQRT(1/H18)	=I18*SQRT(1/H18)	=E18*0.5	=E18
19	PVDF LARGE CH 2			0.02	4.50E-10	=2000000*((E19*3)/(B7*4*PI()))^(1/3)	1	1	=G19/D19	=I19*0.9999999	=I19*SQRT(1/H19)	=E19*0.5	=E19
20	PVDF SMALL CH 1			0.002	2.60E-15	=2000000*((E20*3)/(B7*4*PI()))^(1/3)	4892	4892	=G20/D20	=I20*SQRT(1/H20)	=I20*SQRT(1/H20)	=E20*0.5	=E20
21	PVDF SMALL CH 2			0.002	3.20E-14	=2000000*((E21*3)/(B7*4*PI()))^(1/3)	719	719	=G21/D21	=I21*SQRT(1/H21)	=I21*SQRT(1/H21)	=E21*0.5	=E21
22	PVDF SMALL CH 3			0.002	1.10E-12	=2000000*((E22*3)/(B7*4*PI()))^(1/3)	268	268	=G22/D22	=I22*SQRT(1/H22)	=I22*SQRT(1/H22)	=E22*0.5	=E22
23	PVDF SMALL CH 4			0.002	1.70E-10	=2000000*((E23*3)/(B7*4*PI()))^(1/3)	2	2	=G23/D23	=I23*SQRT(1/H23)	=1/D23	=E23*0.5	=E23
24	PVDF LARGE CH 3			0.02	3.70E-09	=2000000*((E24*3)/(B7*4*PI()))^(1/3)	0	upp lim	1.00E-10		=1.1/D24	=E24*0.5	=E24
25	PVDF LARGE CH 4			0.02	4.00E-08	=2000000*((E25*3)/(B7*4*PI()))^(1/3)	0	upp lim	1.00E-10		=1.1/D25	=E25*0.5	=E25
26													
27	Plot labels												
28	PVDF SMALL CH 1-4												
29	PVDF LARGE CH 1-2												
30	PVDF LARGE CH 3-4												
31	PZT F/R N1-N4												
32	M vs. F