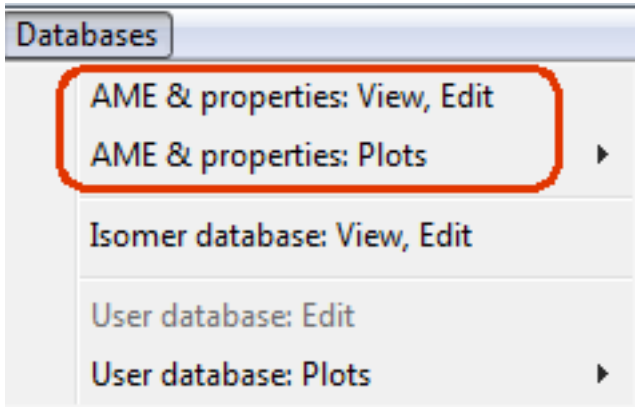
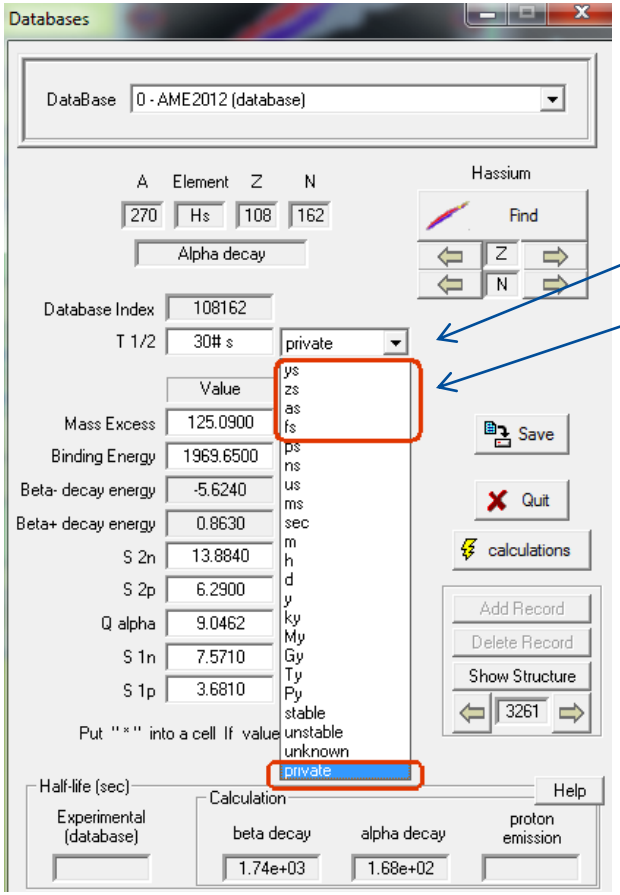
Version 9.4 : update of the database and plots

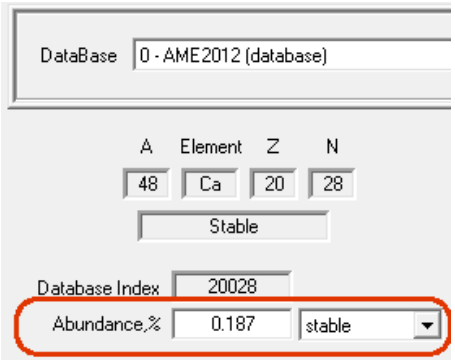
- **Half-life database: new features**
- **New Database plots (P_x, D_x, S_t, S_{3He}, S_d)**
- **New 1D-Plot feature**



Half-life database: new features



- Private string
- New time scale
- Stable isotopes : Abundance

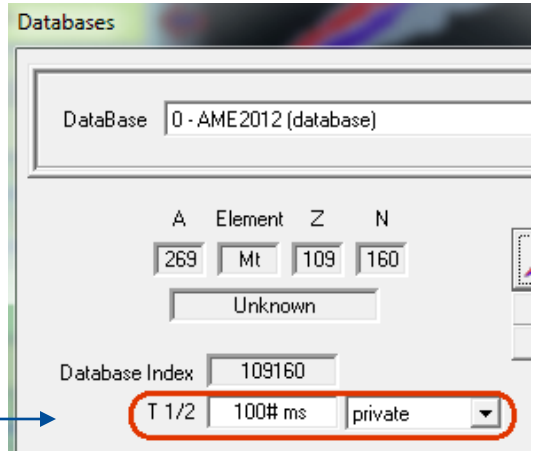


“Private” string in the time list

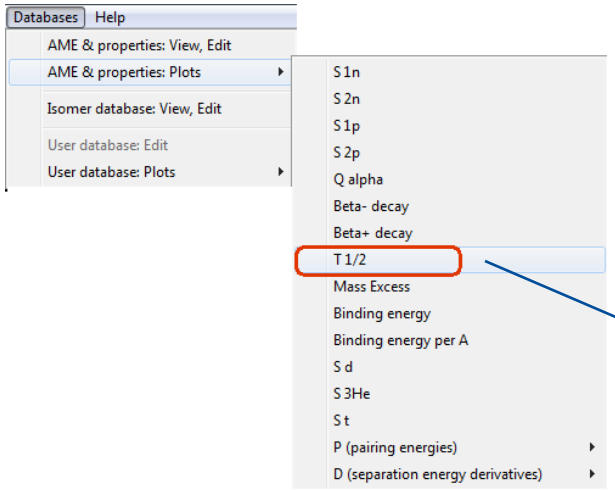
lise2013.dbf based on NUBASE2012 & AME2012

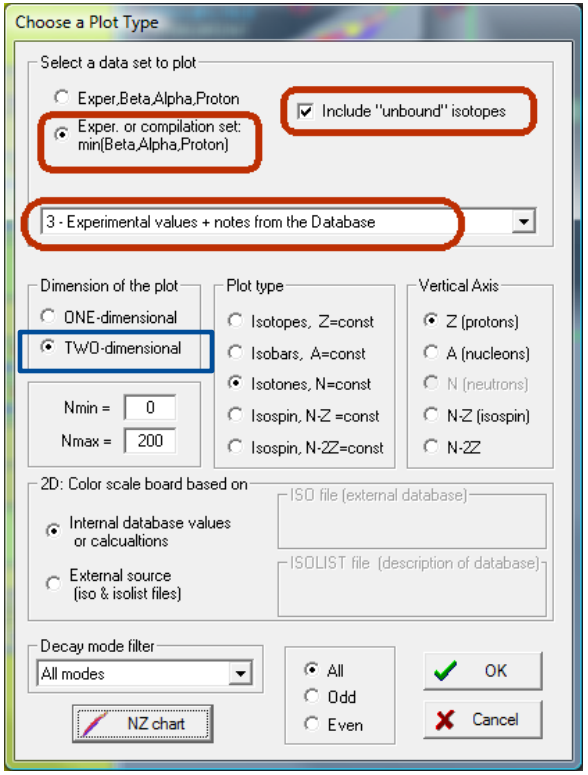
“T1_2 field” in the case of “private” mode should start from char “*”

1	INDEX	A	EL	Z	T1_2	N14	D_T12	D_BE	D
3266	108166	274	Hs	108	*500# ms	private	*	0.5920	0
3267	108167	275	Hs	108	290	ms	150	0.5870	0
3268	108168	276	Hs	108	*100# ms	private	*	0.7990	0
3269	108169	277	Hs	108	11	ms	9	0.5410	0
3270	109156	265	Mt	109	*2# ms	private	*	0.4510	*
3271	109157	266	Mt	109	1.2	ms	0.4	0.3070	*
3272	109158	267	Mt	109	*10# ms	private	*	0.5030	0
3273	109159	268	Mt	109	27	ms	6	0.2330	0
3274	109160	269	Mt	109	*100# ms	private	*	0.4630	0
3275	109161	270	Mt	109	6.3	ms	1.5	0.1700	0
3276	109162	271	Mt	109	*400# ms	private	*	0.3300	0
3277	109163	272	Mt	109	*400# ms	private	*	0.4850	0
3278	109164	273	Mt	109	*800# ms	private	*	0.4800	0
3279	109165	274	Mt	109	850	ms	540	0.3540	0
3280	109166	275	Mt	109	40	ms	3	0.4680	0
3281	109167	276	Mt	109	730	ms	160	0.5520	0
3282	109168	277	Mt	109	*10# s	private	*	0.7670	0
3283	109169	278	Mt	109	29	s	23	0.6340	0
3284	109170	279	Mt	109	*30# s	private	*	0.6670	0
3285	110157	267	Ds	110	10	us	8	0.1360	*

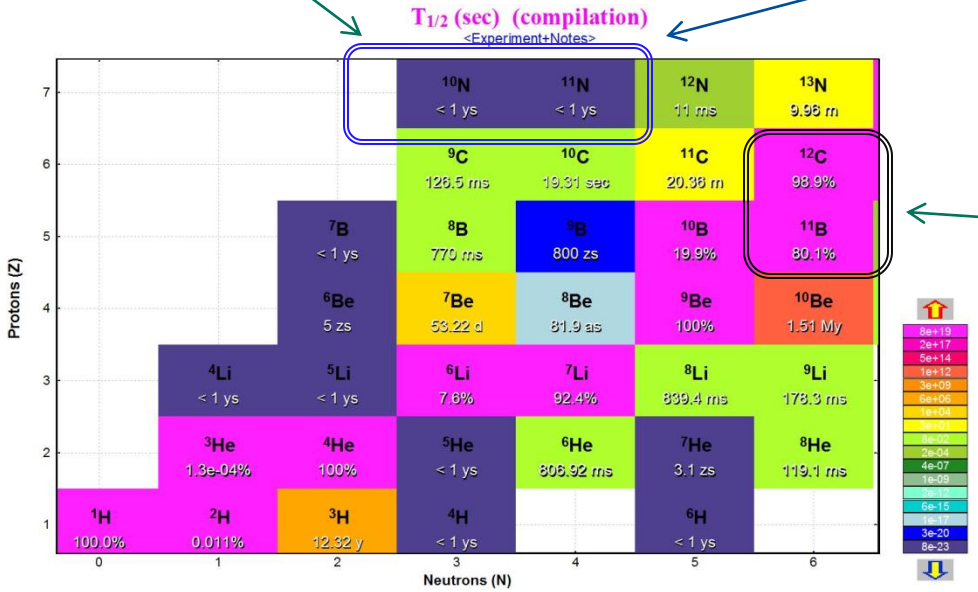


Plot "Private" strings in 2D plots



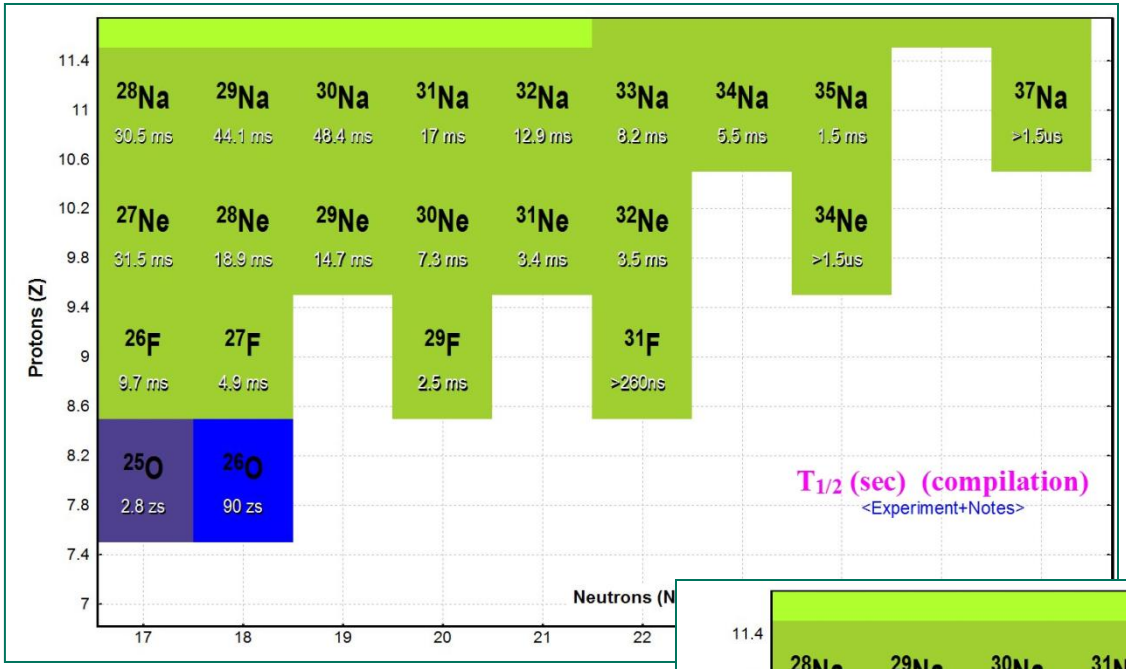


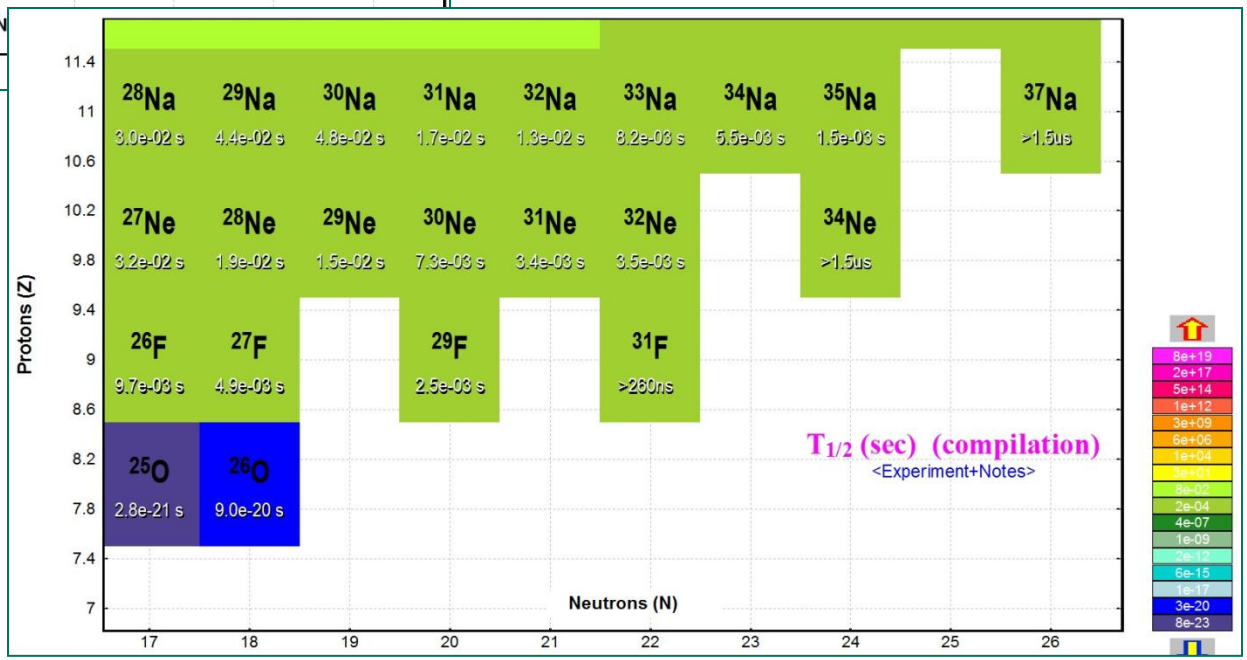
Private strings



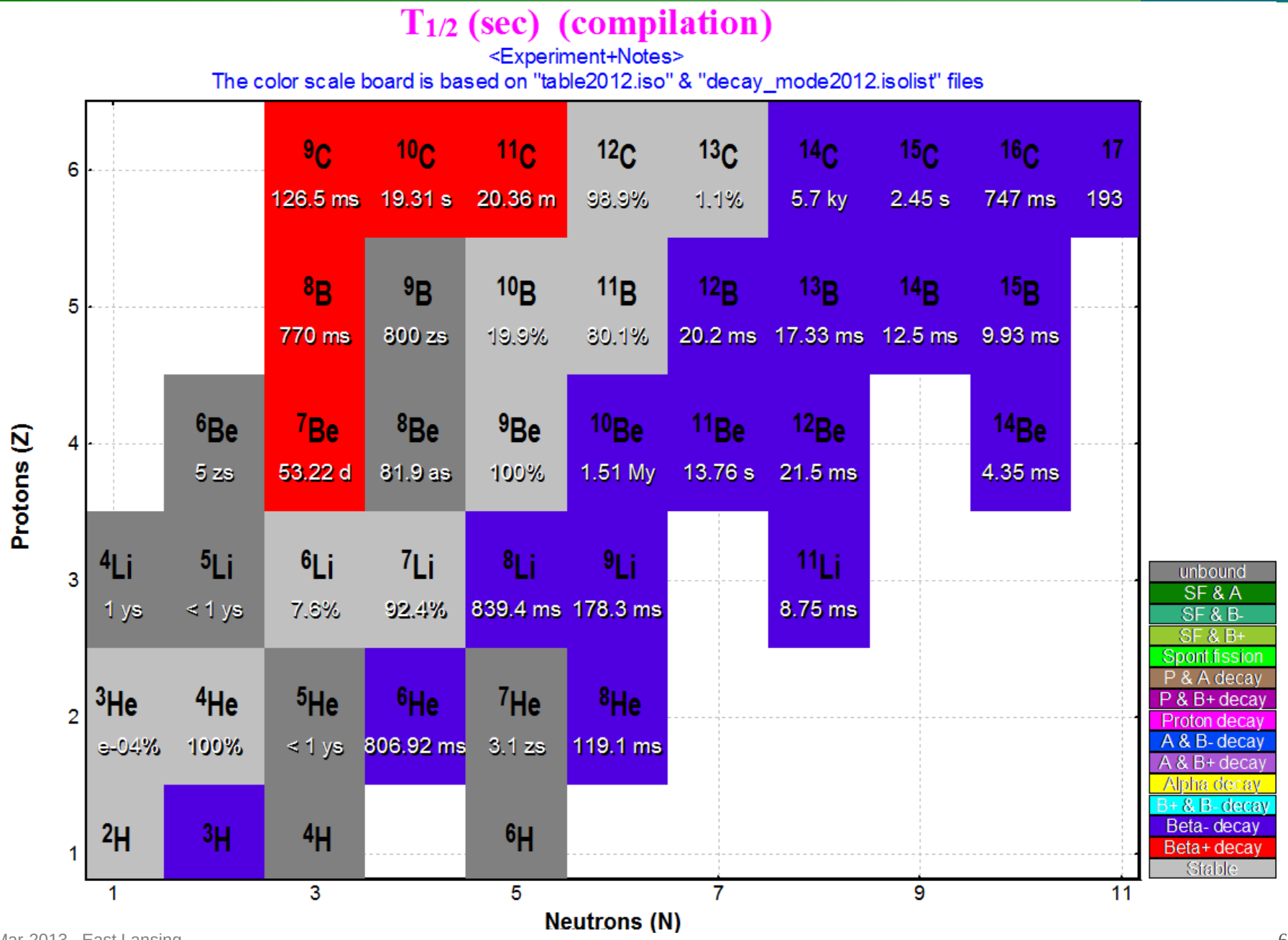
Abundance (%)

Plot “Private” strings in 2D plots

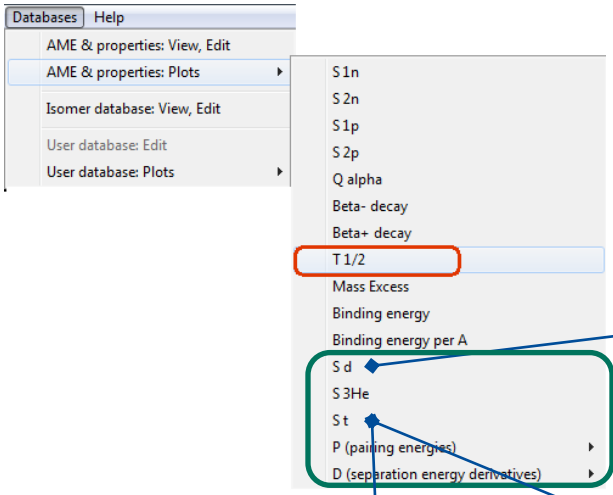


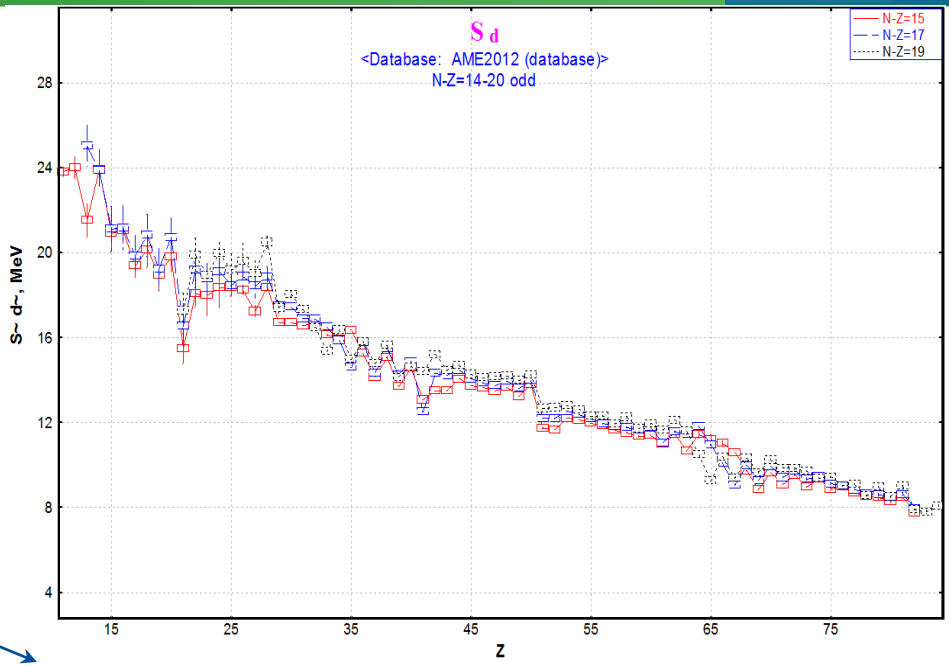


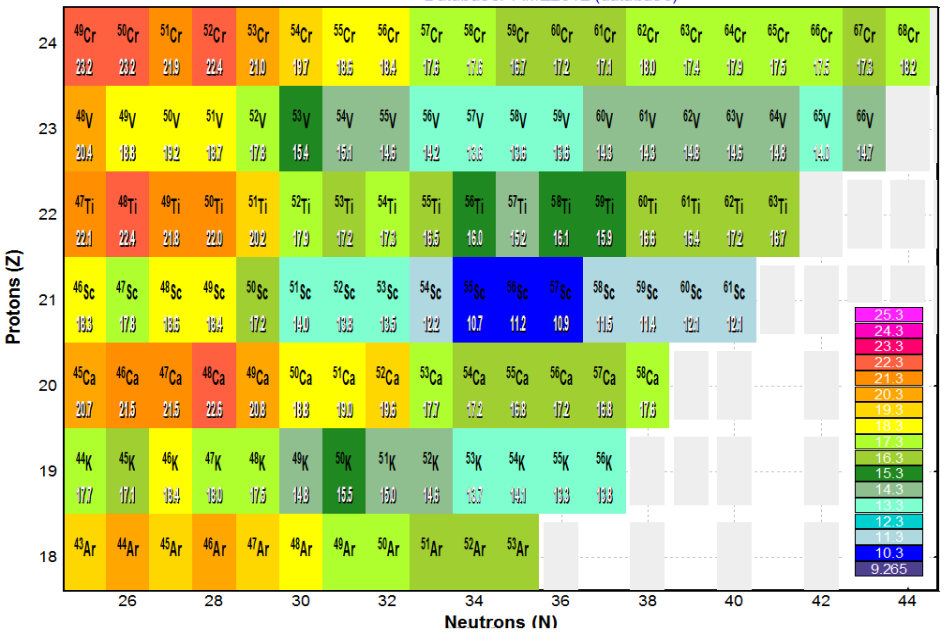
Plot "Private" strings and abundance values in 2D plots

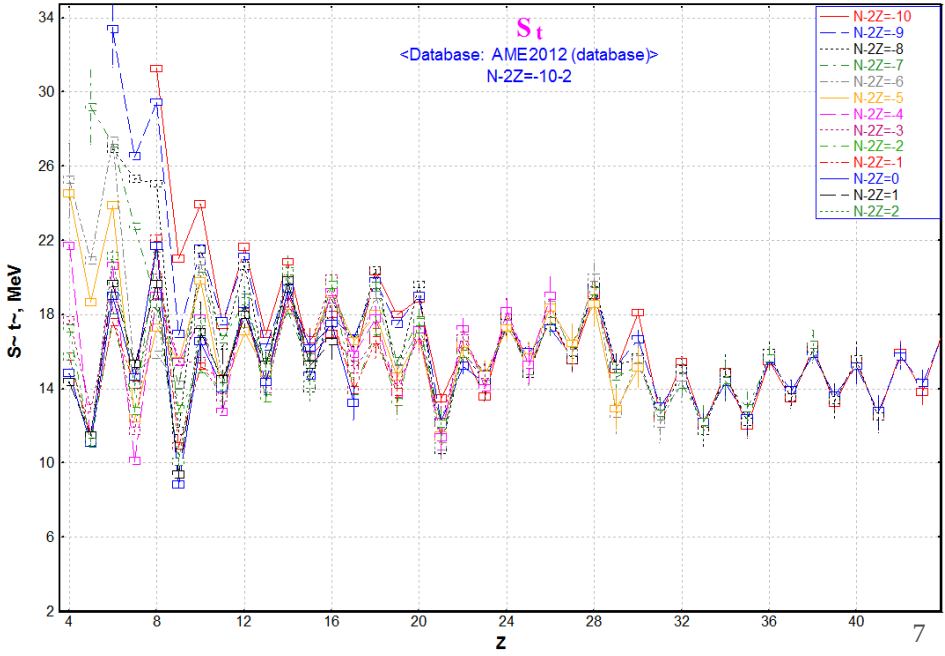


New Database plots (P_x, D_x, S_t, S_{3He}, S_d)

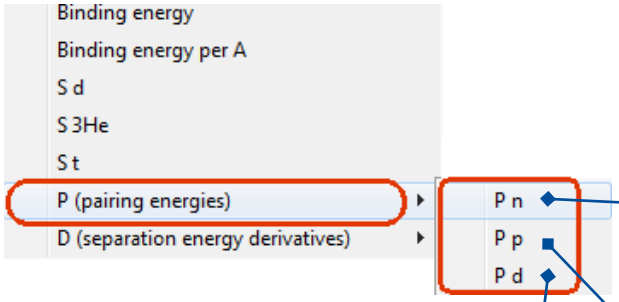


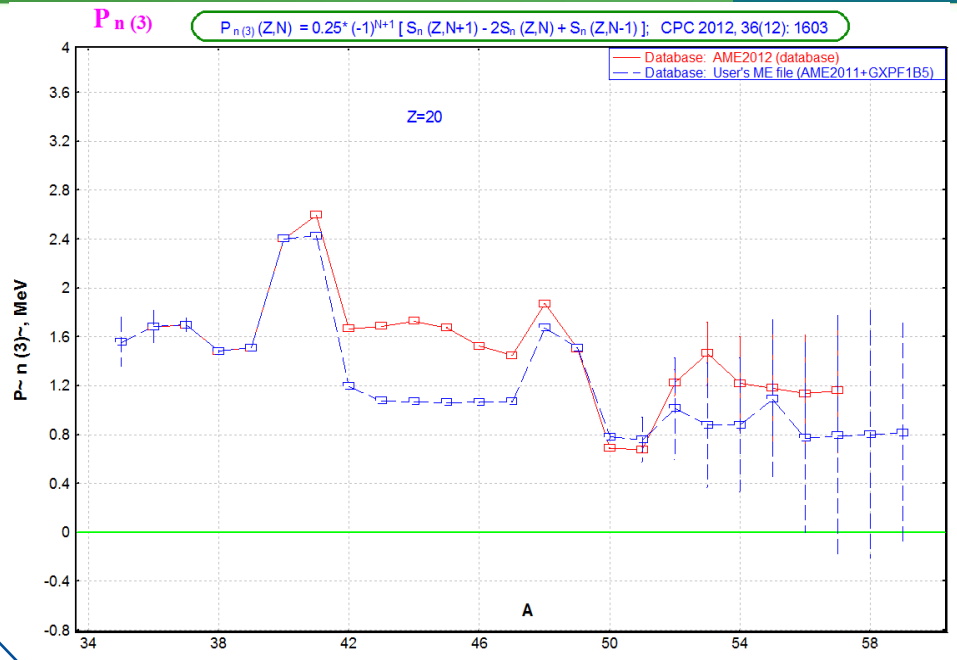


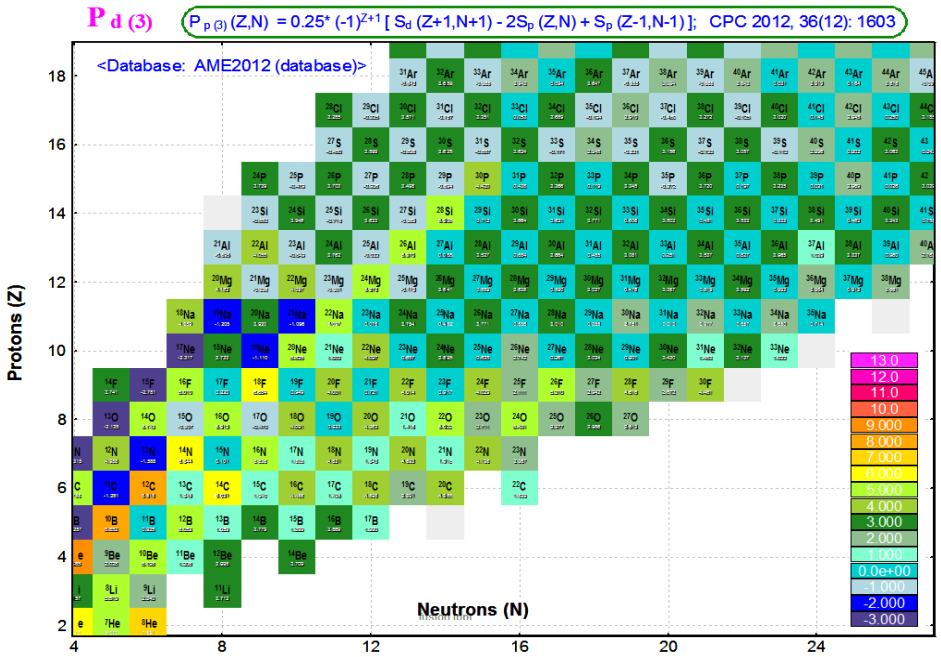


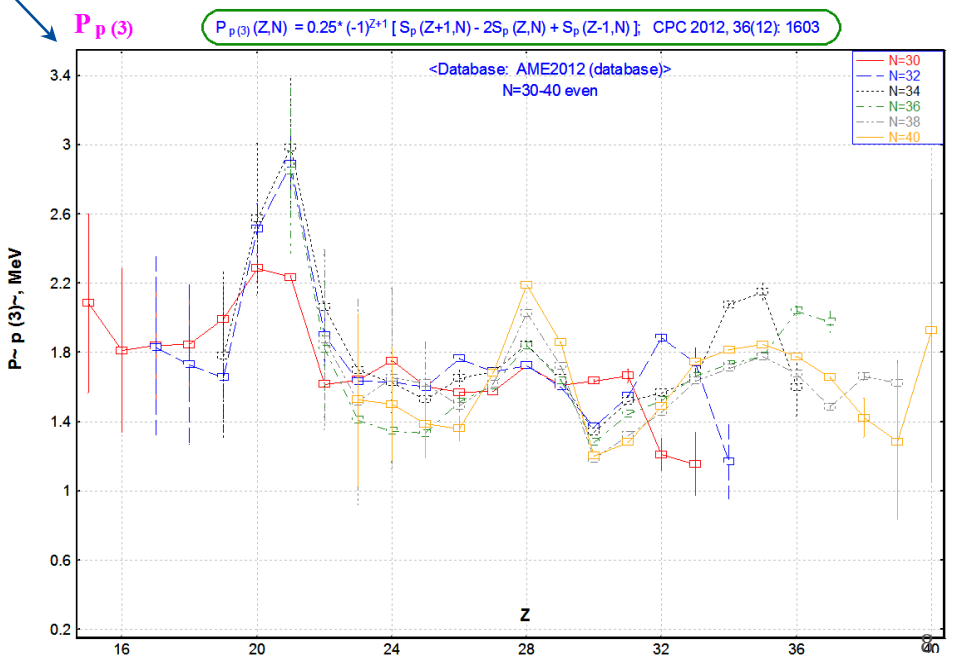


New Database plots : P_x

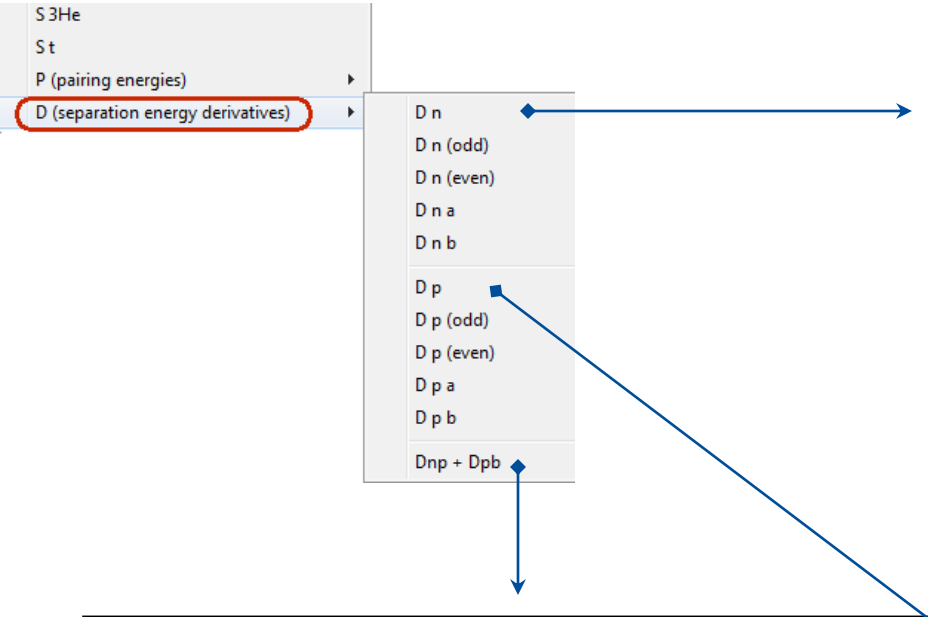


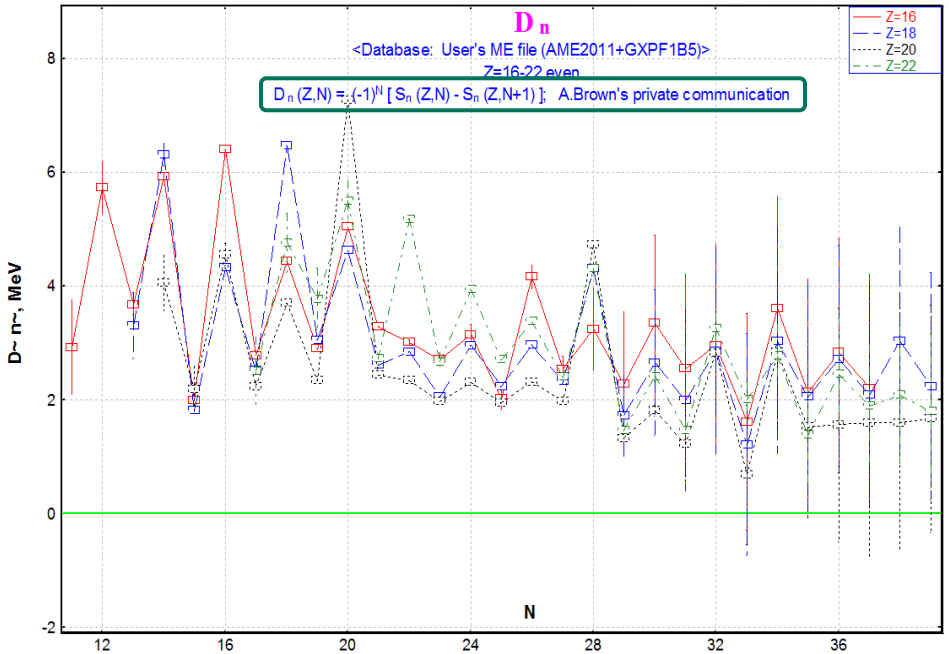


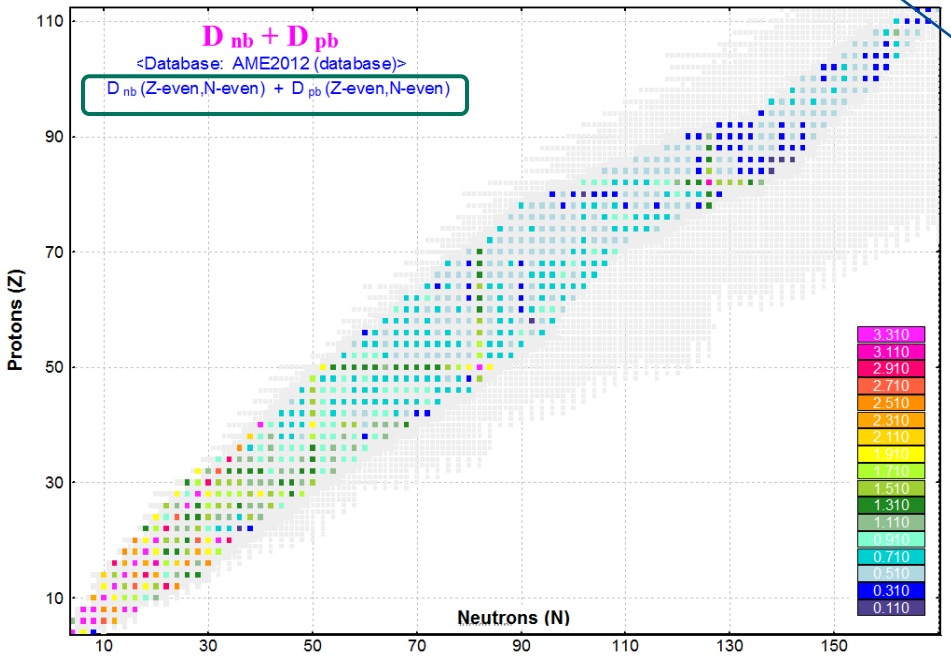


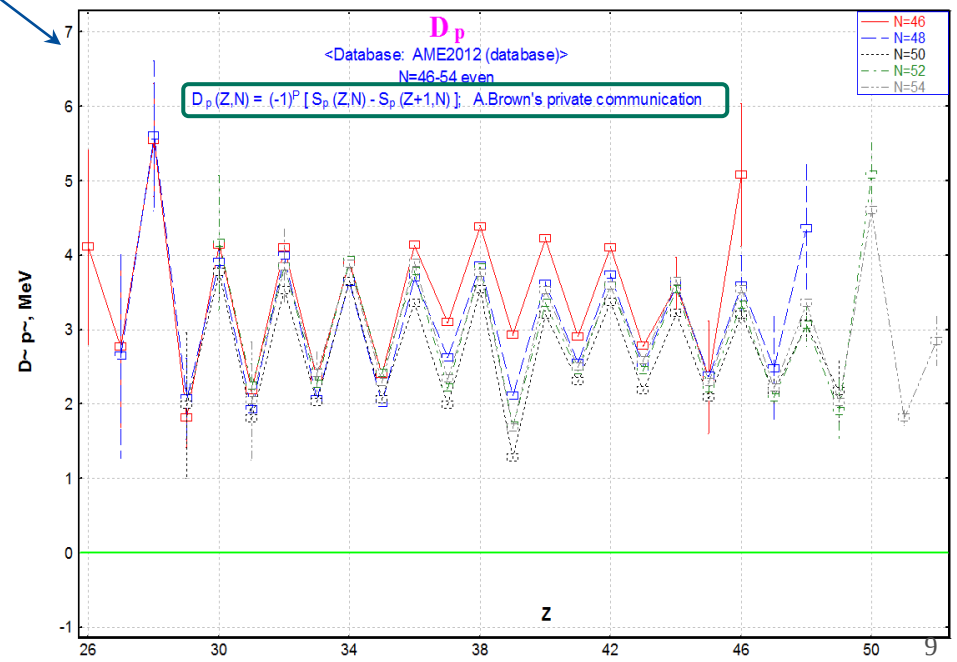


New Database plots : D_x

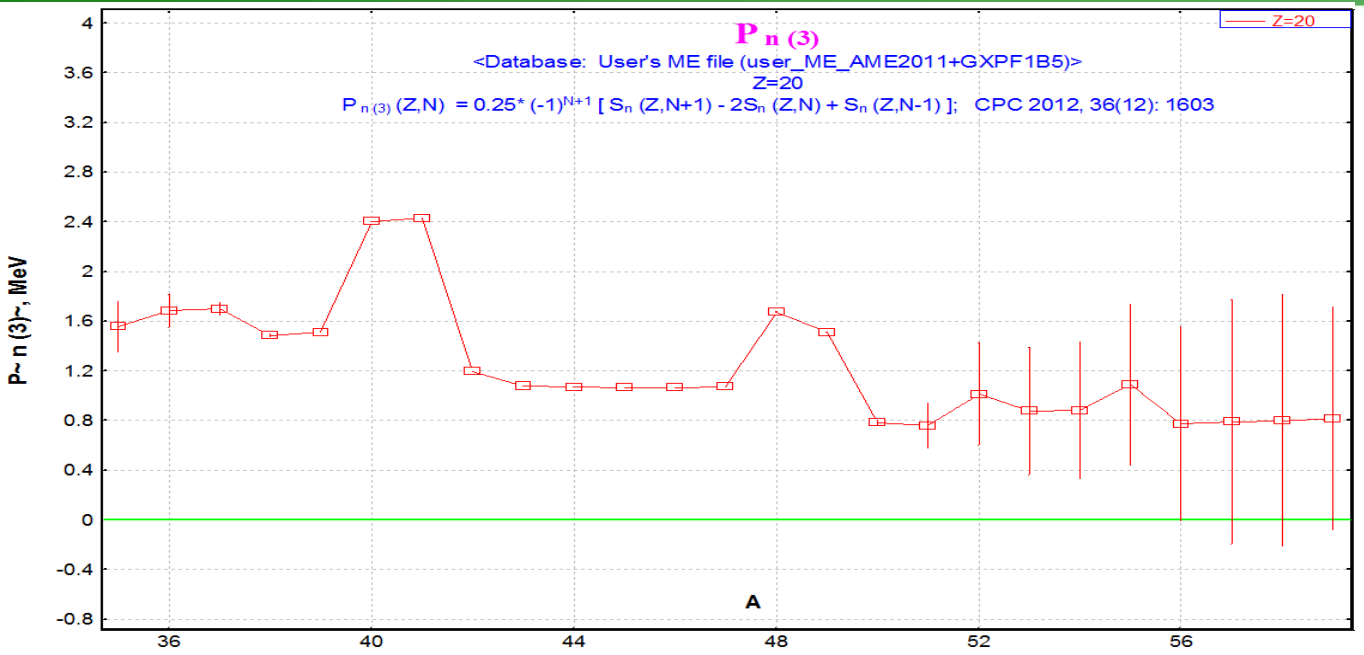


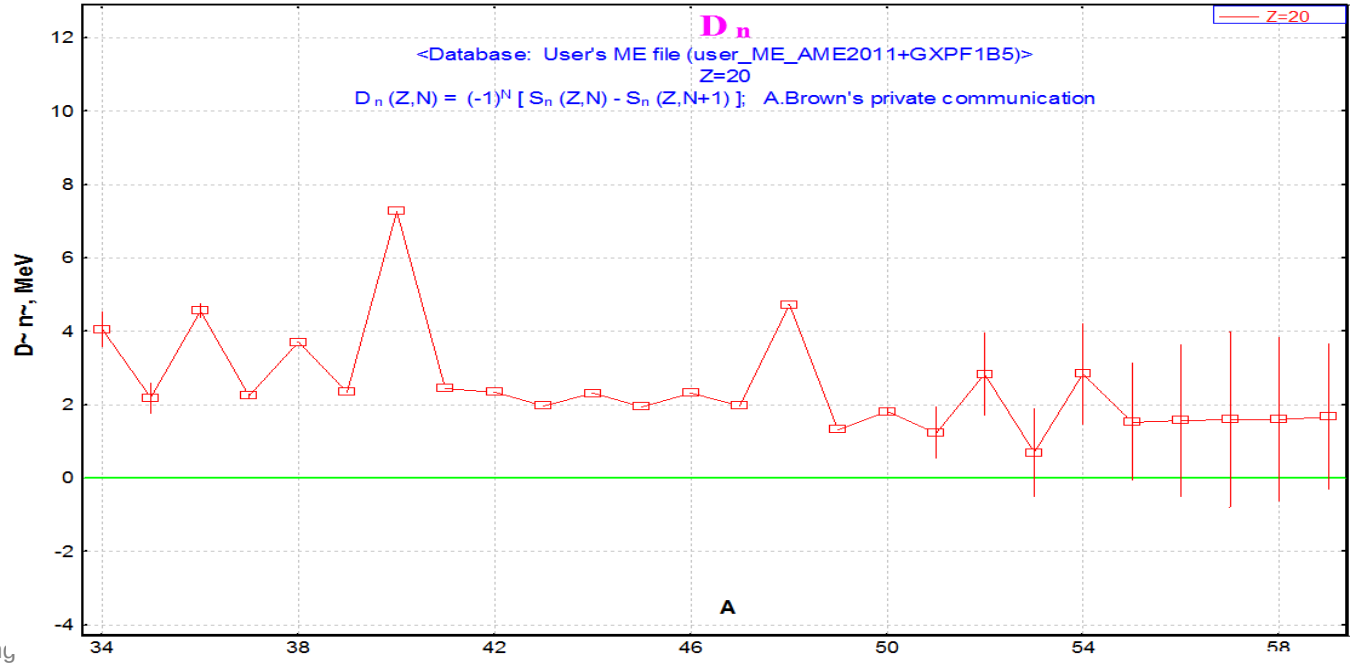






New Database plots : P_x & D_x





Option to draw selected plots