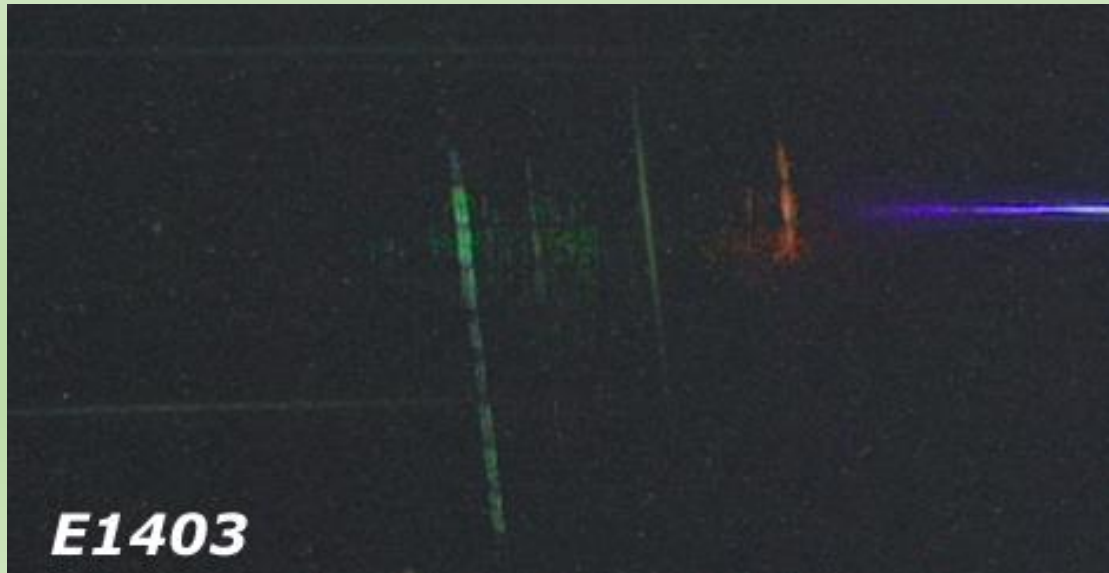


流星スペクトル輝線 ライトカーブの分類

NMS SonotaCNet

輝線ライトカーブの特異な変化



流星スペクトルの調べ方

2015-2018

2

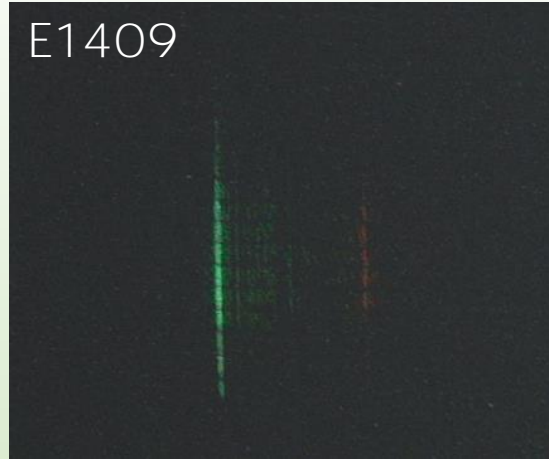
1701

Mg

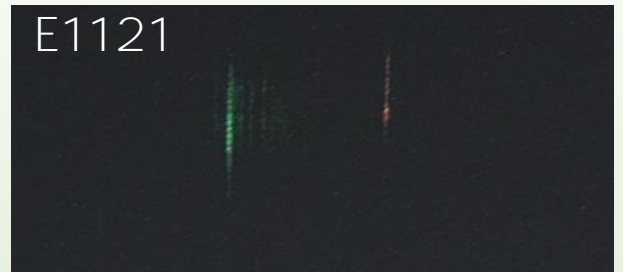
code	2015-2018		
	count	%	%
Fe	130	5.5	7.6
NO	77	3.2	4.5
N1	395	16.6	23.2
N3	944	39.6	55.5
N6	106	4.4	6.2
N7	49	2.1	2.9
subtotal	1701	71.4	100.0
um	611	25.6	
un	53	2.2	
u	19	0.8	
total	2384	100.0	

b1 type
Na

E1409



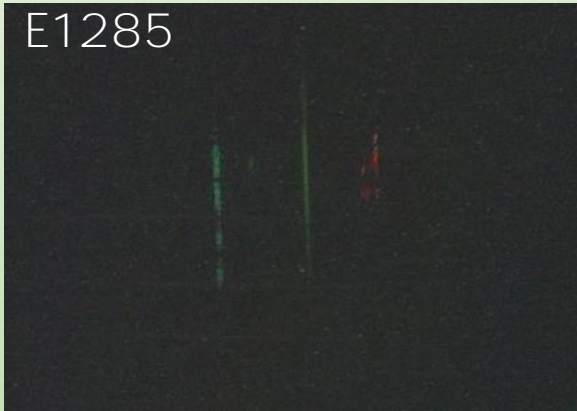
E1121



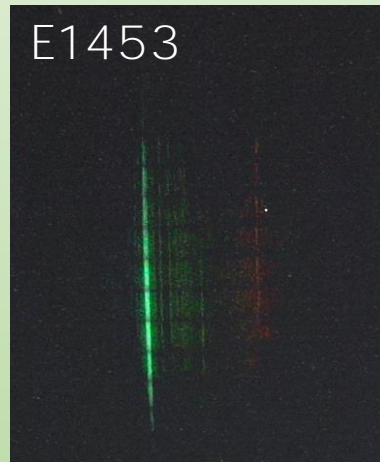
E1403



E1285



E1453



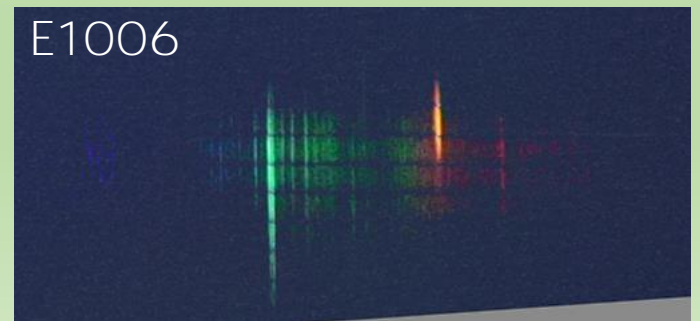
E1227



E1133

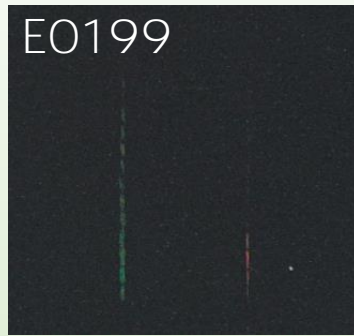


E1006

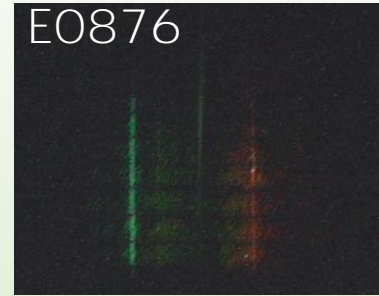


b2 type
Na

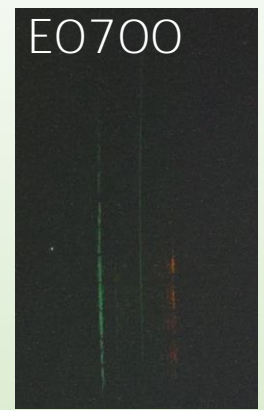
E0199



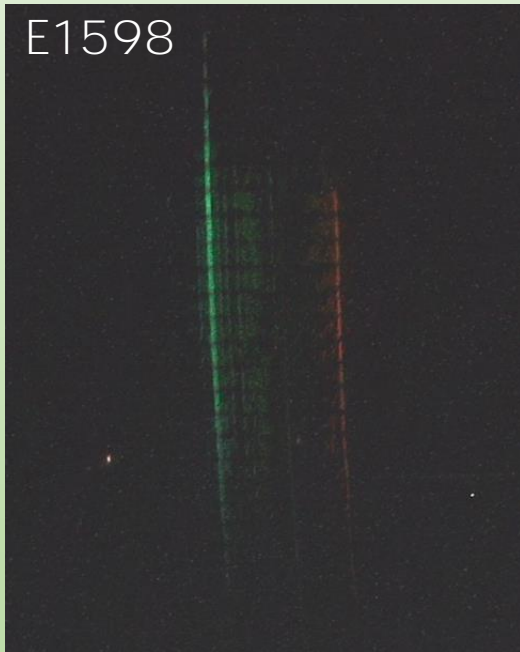
E0876



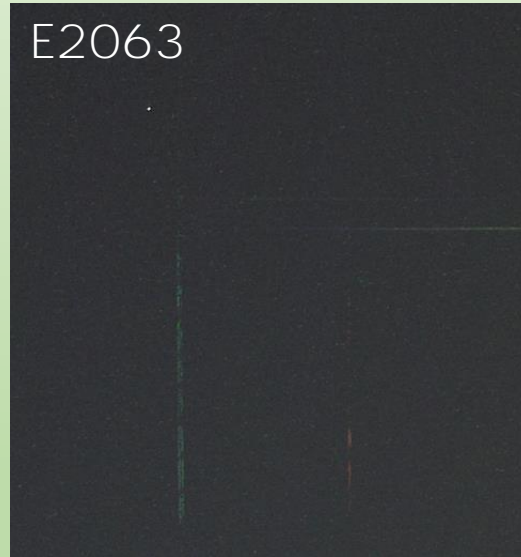
E0700



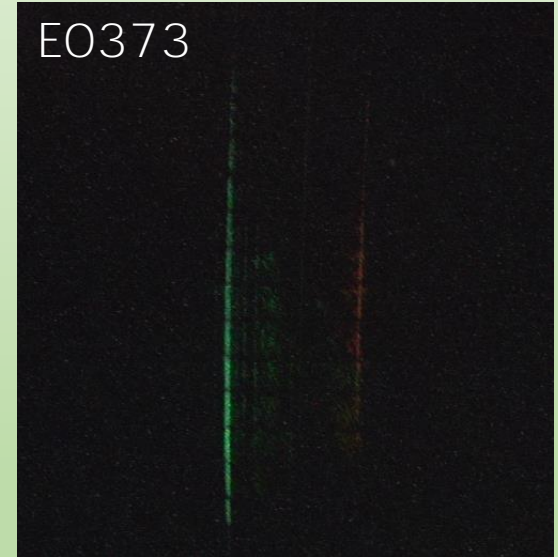
E1598



E2063

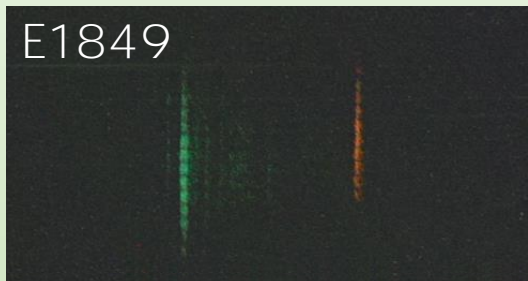


E0373



b3 type
Na

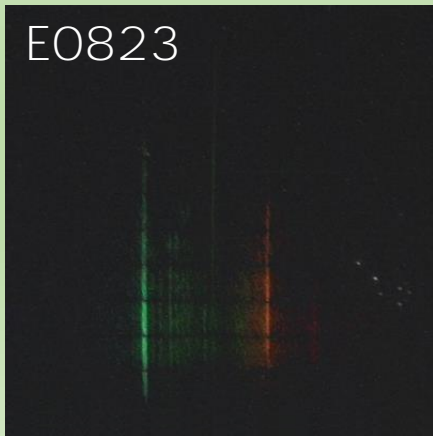
E1849



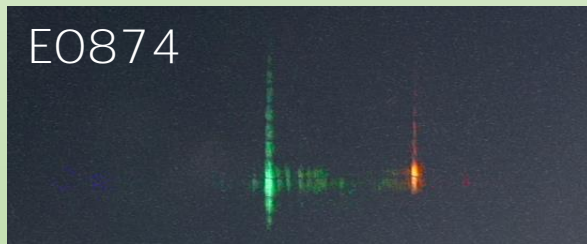
E0397



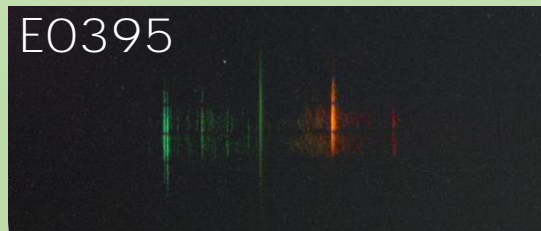
E0823



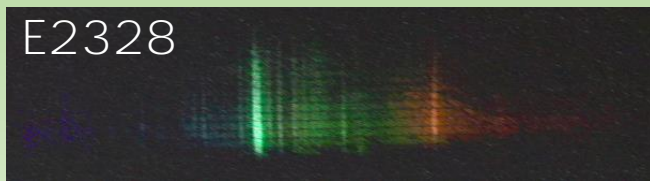
E0874



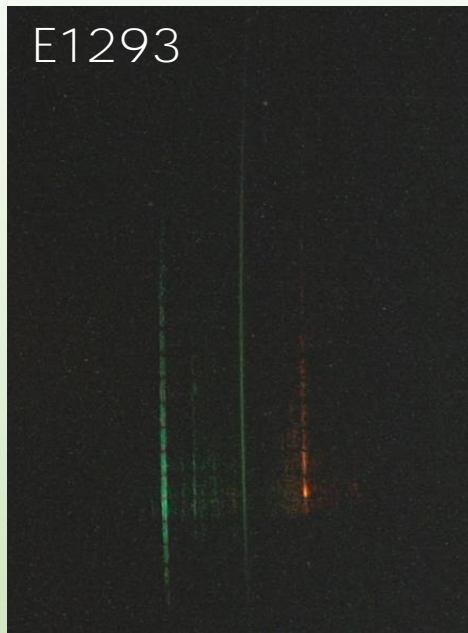
E0395



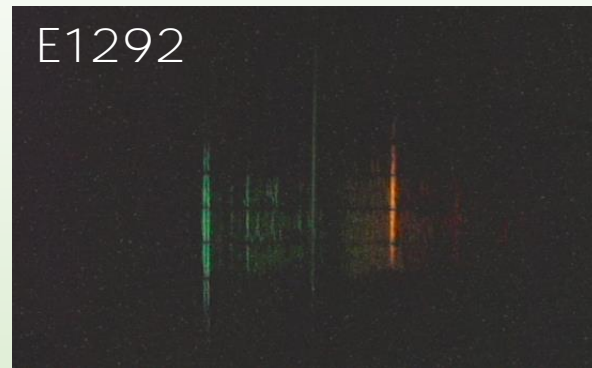
E2328



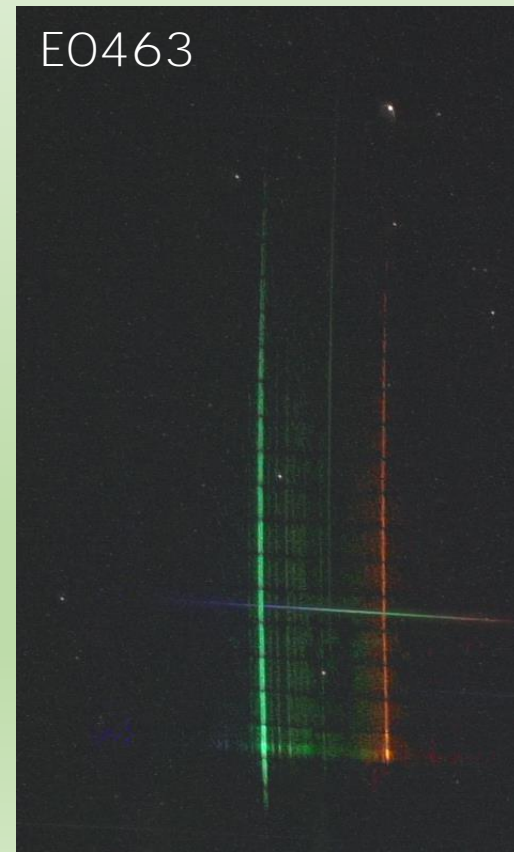
E1293



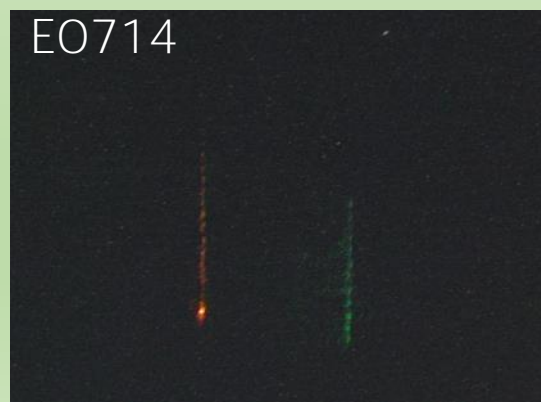
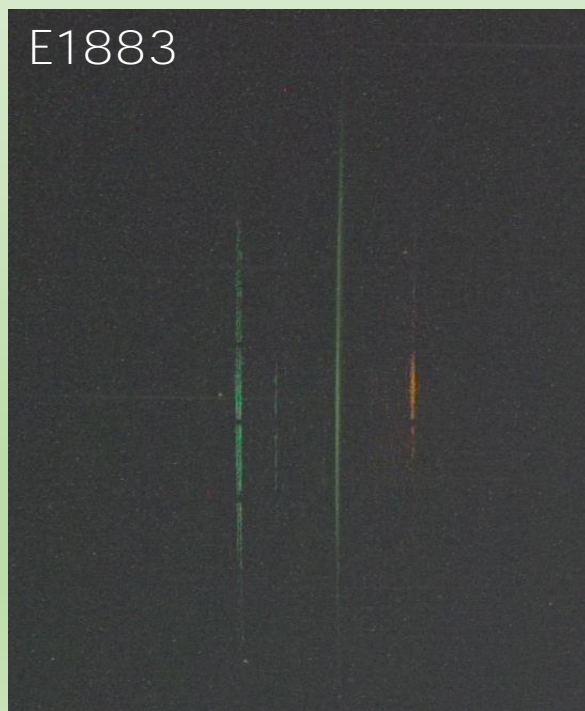
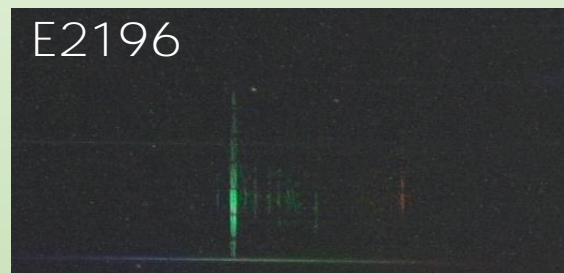
E1292



E0463



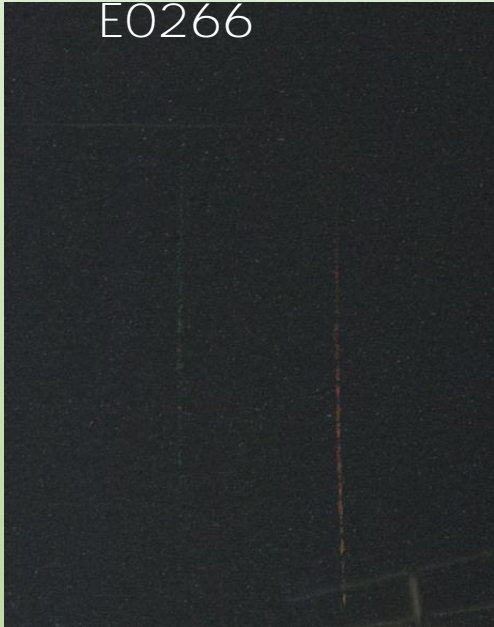
b4 type
Na



c1 type
Mg

c2 type
Mg

E0266



E0326



?

type

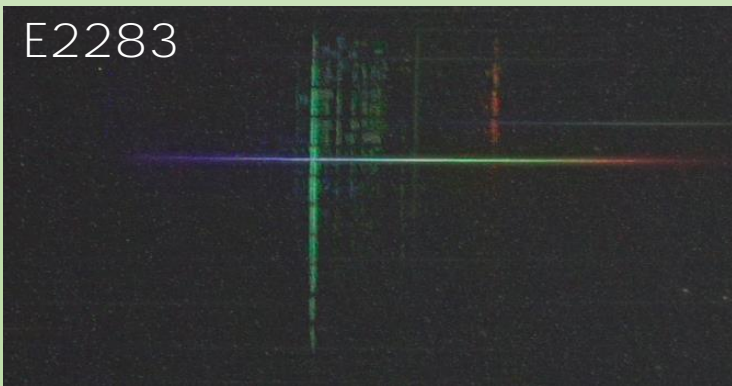
b1c2



Na

Mg

b1d



Na Fe

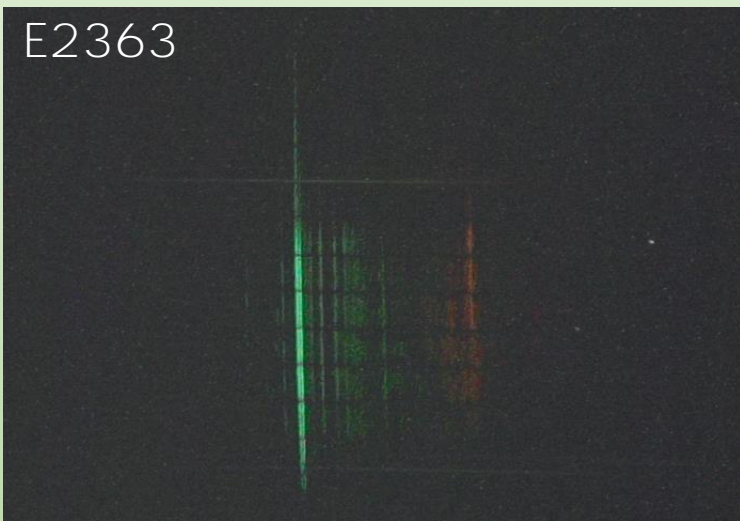
b1b4



Na

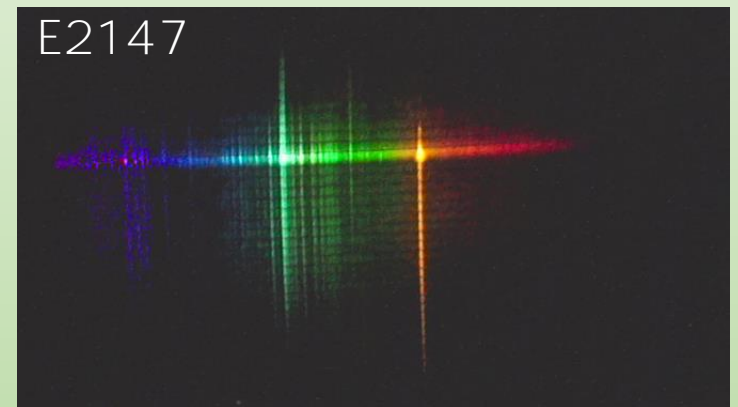
type

a1b4



Na

b2c1

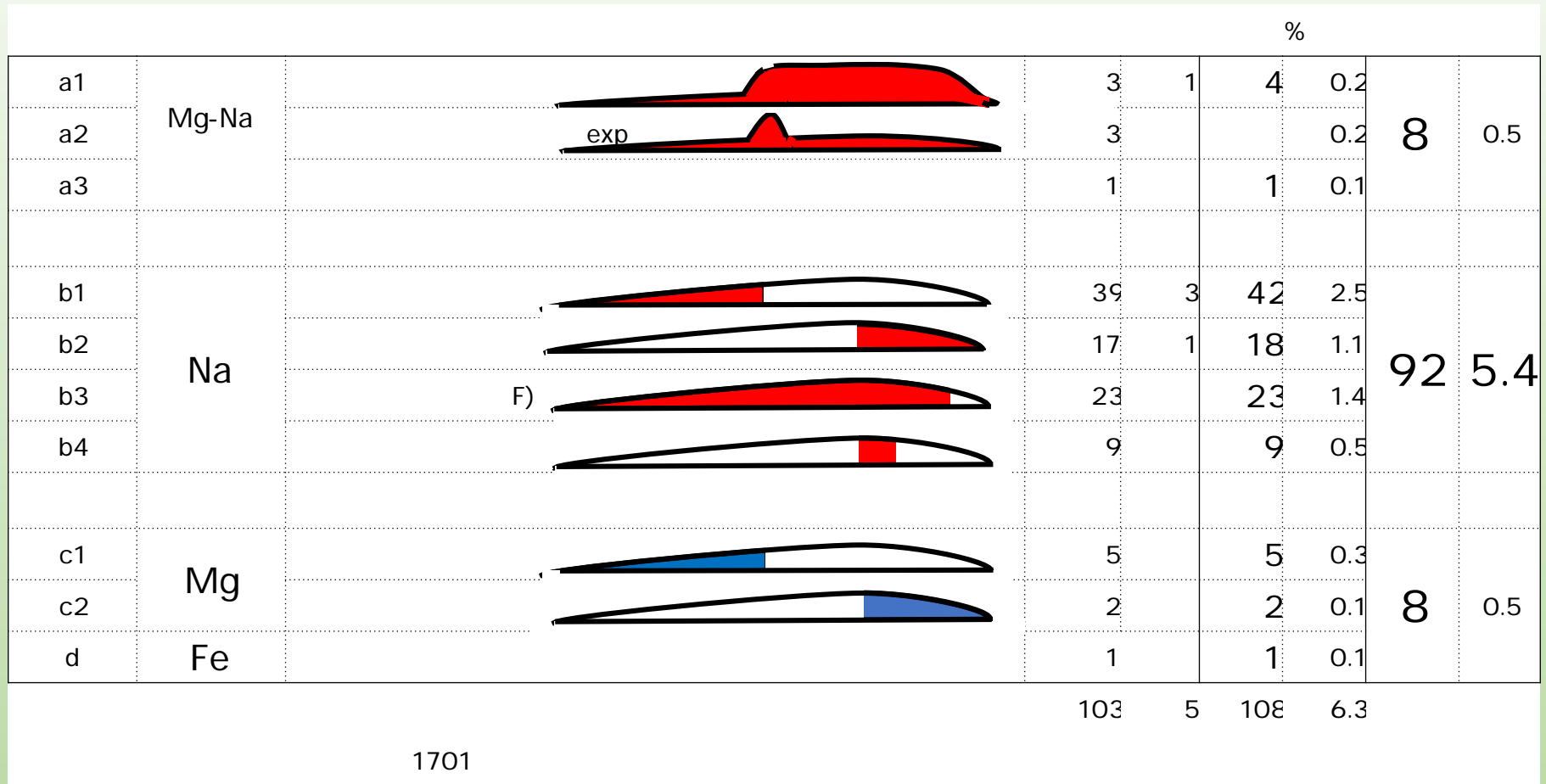


Mg

Mg

Na

タイプ別の分布



LC
Na LC Mg

流星体とNa

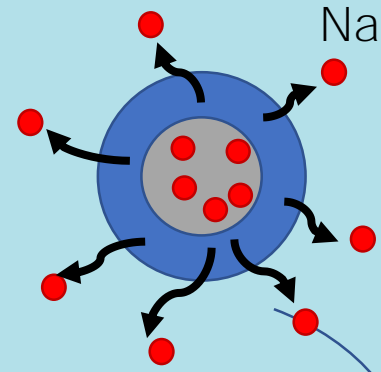
Na LC
Na LC

Mg

Na

Na
Na
Na
Na-rich
Na
Na
Na

b2



b3
b1

b1	Na	前半のみ発光		39	3	42	2.5	92	5.4
b2		後半のみ発光		17	1	18	1.1		
b3		最後の部分 (1~3F)のみ発光		23		23	1.4		
b4		途中の一部のみ発光 (増)		9		9	0.5		

LC特異流星と群

	@ 7		
	b1-b4		
GEM	21	423	5.0
ANT	5	185	2.7
ORI	9	70	12.9
NTA	3	69	4.3
PER	4	68	5.9
COM	2	48	4.2
HYD	3	44	6.8
QUA	4	18	22.2
LEO	4	15	26.7
spo	28	1049	2.7
etc	11 -		
	94	2383	3.9

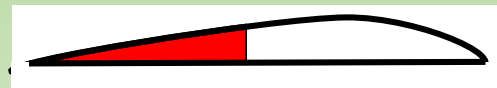
GEM

GEM
4.7

LEO, ORI, QUA

LEO, ORI, PER, HYD,
COM, LMI

b1



type	GEM
b1	7
b2	5
b3	9
b4	2

10-25%

type	
b1	17
b2	5
b3	6
b4	1
	30

まとめ

” Mg, Na, Fe

” Na

”

10-25

” GEM

