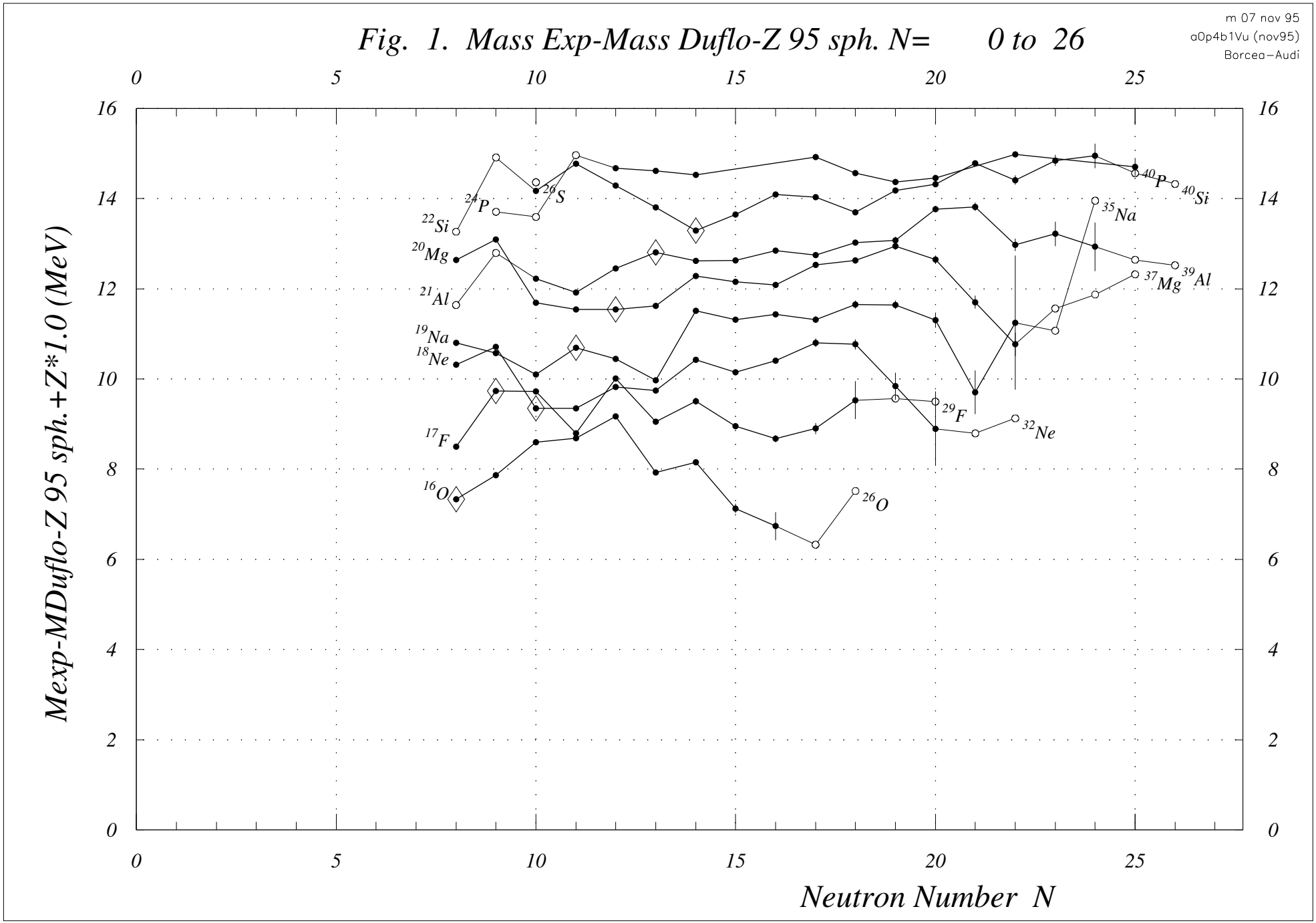
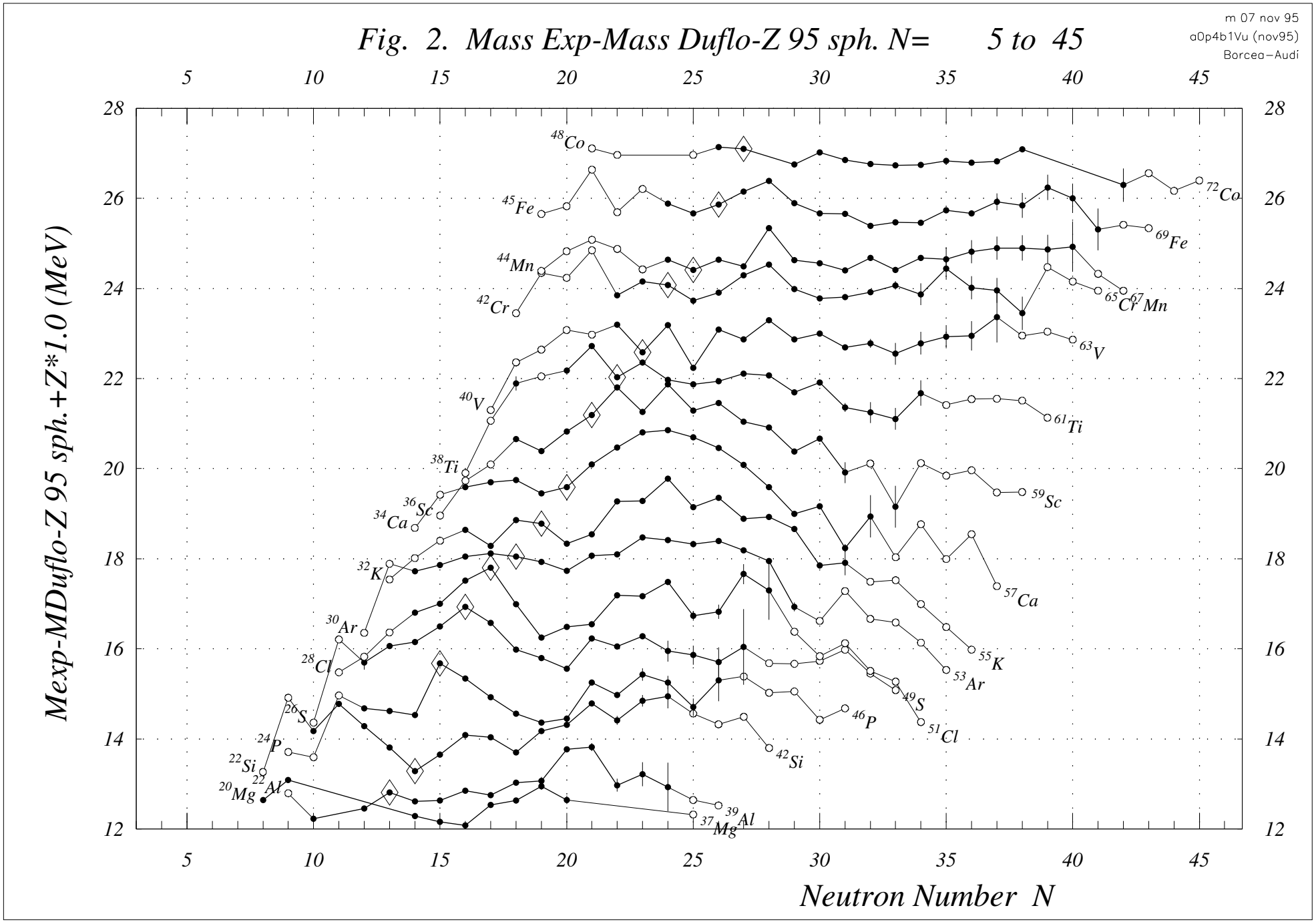


Fig. 1. Mass Exp-Mass Duflo-Z 95 sph. N= 0 to 26
m 07 nov 95
a0p4b1Vu (nov95)
Borcea–Audi
Mexp-MDuflo-Z 95 sph.+Z*1.0 (MeV)
Neutron Number N
0
5
10
15
20
25
2
4
6
8
12
14
16
^{24}P
^{26}S
^{22}Si
^{20}Mg
^{21}Al
^{19}Na
^{18}Ne
^{17}F
^{16}O
^{40}P
^{40}Si
^{35}Na
^{37}Mg
^{39}Al
^{29}F
^{32}Ne
^{26}O


m 07 nov 95
a0p4b1Vu (nov95)
Borcea–Audi
Fig. 2. Mass Exp-Mass Duflo-Z 95 sph. N= 5 to 45
Mexp-MDuflo-Z 95 sph.+Z*1.0 (MeV)
Neutron Number N
5
10
15
20
25
30
35
40
45
12
14
16
18
20
22
24
26
28
48Co
45Fe
44Mn
42Cr
40V
38Ti
36Sc
34Ca
32K
30Ar
28Cl
26S
24P
22Si
22Al
20Mg
72Co
69Fe
67Mn
65Cr
63V
61Ti
59Sc
57Ca
55K
53Ar
51Cl
49S
46P
42Si
39Al
37Mg

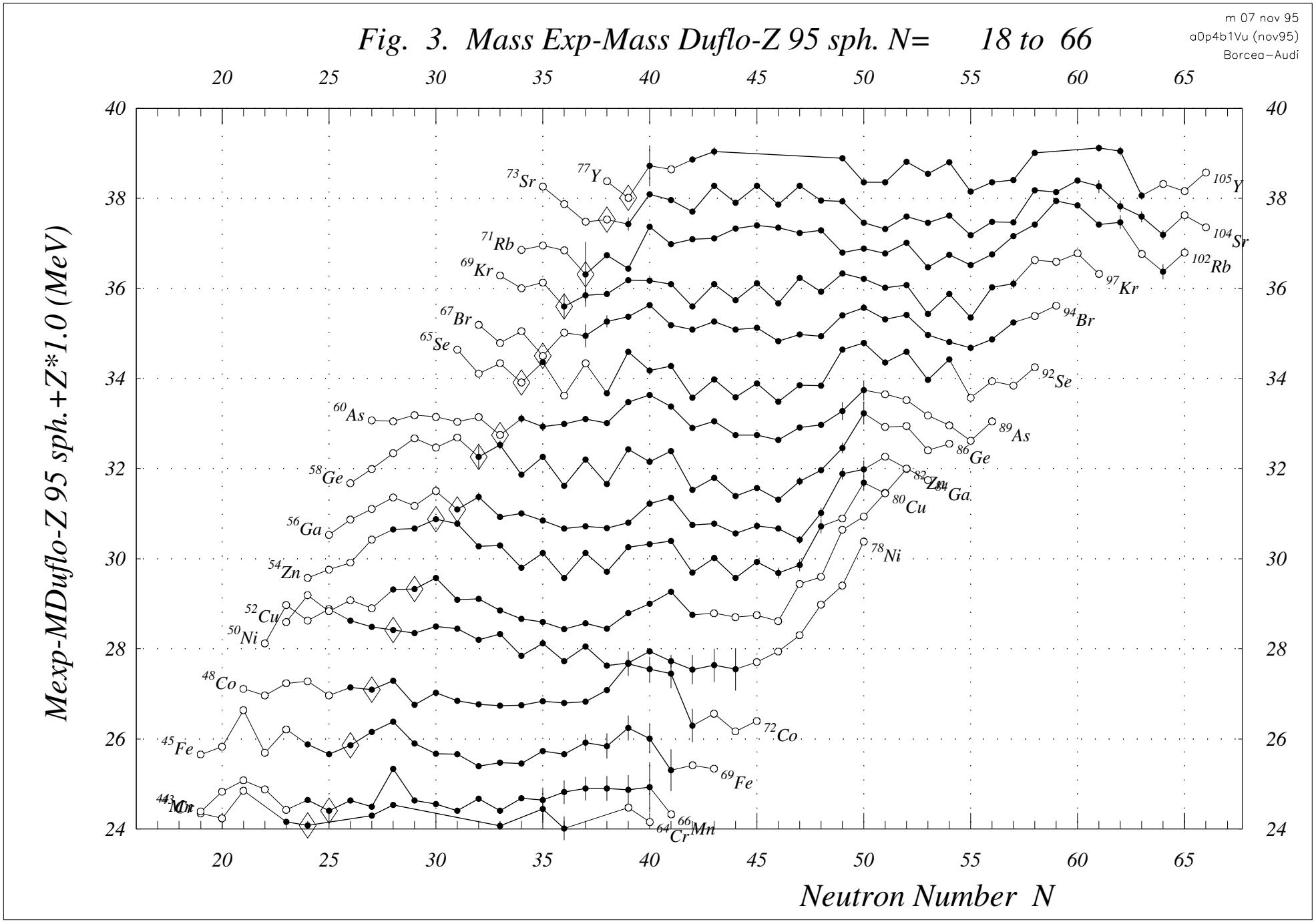


Fig. 3. Mass Exp-Mass Duflo-Z 95 sph. N= 18 to 66
m 07 nov 95
a0p4b1Vu (nov95)
Borcea–Audi
Mexp-MDuflo-Z 95 sph.+Z*1.0 (MeV)
Neutron Number N
20
25
30
35
40
45
50
55
60
65
24
26
28
30
32
34
36
38
40
73Sr
77Y
105Y
71Rb
104Sr
69Kr
102Rb
97Kr
67Br
94Br
65Se
92Se
60As
89As
86Ge
58Ge
82Zn
82Ga
56Ga
80Cu
54Zn
78Ni
52Cu
50Ni
48Co
72Co
45Fe
69Fe
66Mn
64Cr

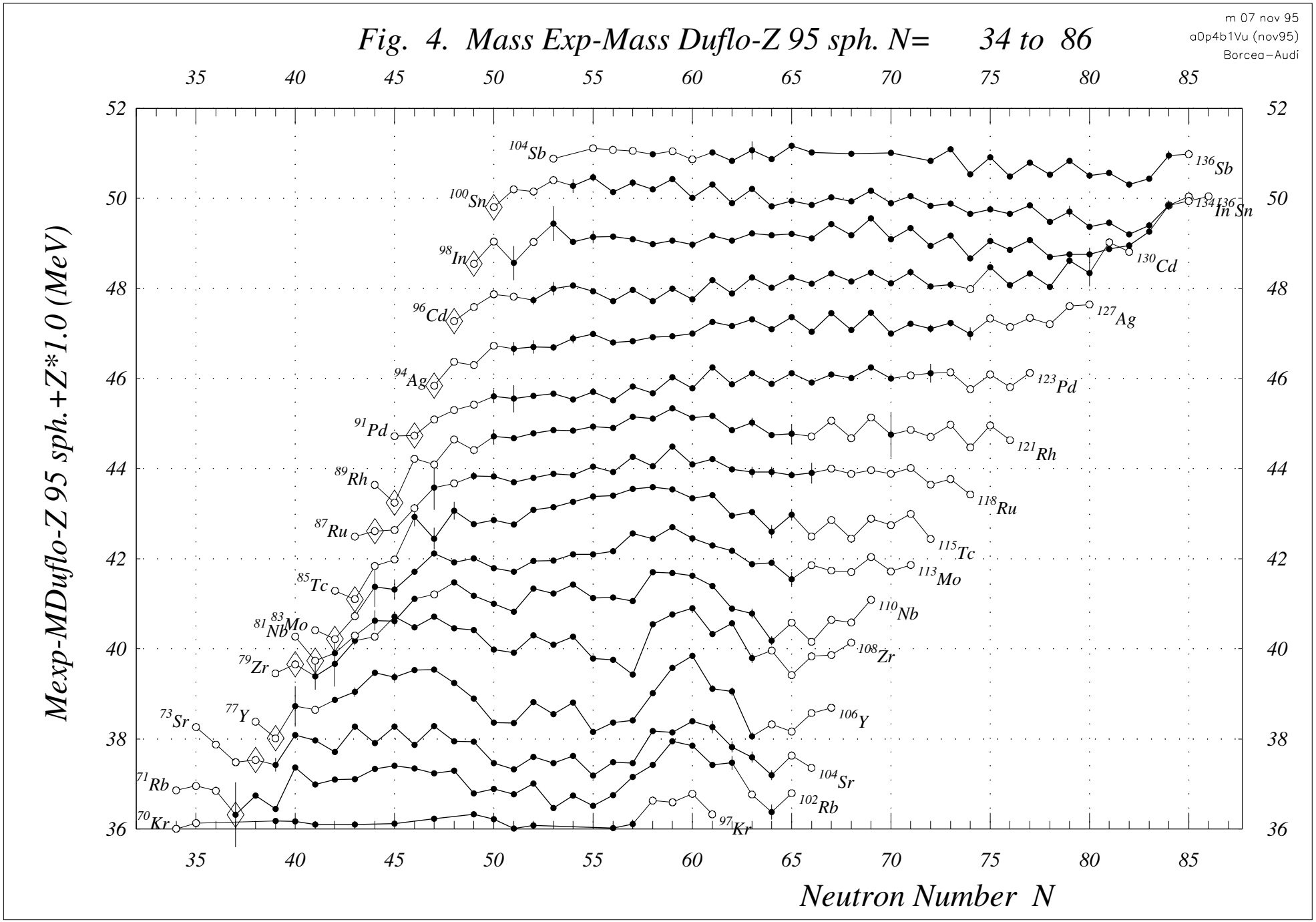


Fig. 4. Mass Exp-Mass Duflo-Z 95 sph. N= 34 to 86
m 07 nov 95
a0p4b1Vu (nov95)
Borcea–Audi
Mexp-MDuflo-Z 95 sph.+Z*1.0 (MeV)
Neutron Number N
104Sb
136Sb
100Sn
134136In Sn
98In
130Cd
96Cd
127Ag
94Ag
123Pd
91Pd
121Rh
89Rh
118Ru
87Ru
115Tc
85Tc
113Mo
81Nb
83Mo
110Nb
79Zr
108Zr
77Y
73Sr
106Y
104Sr
71Rb
102Rb
70Kr
97Kr

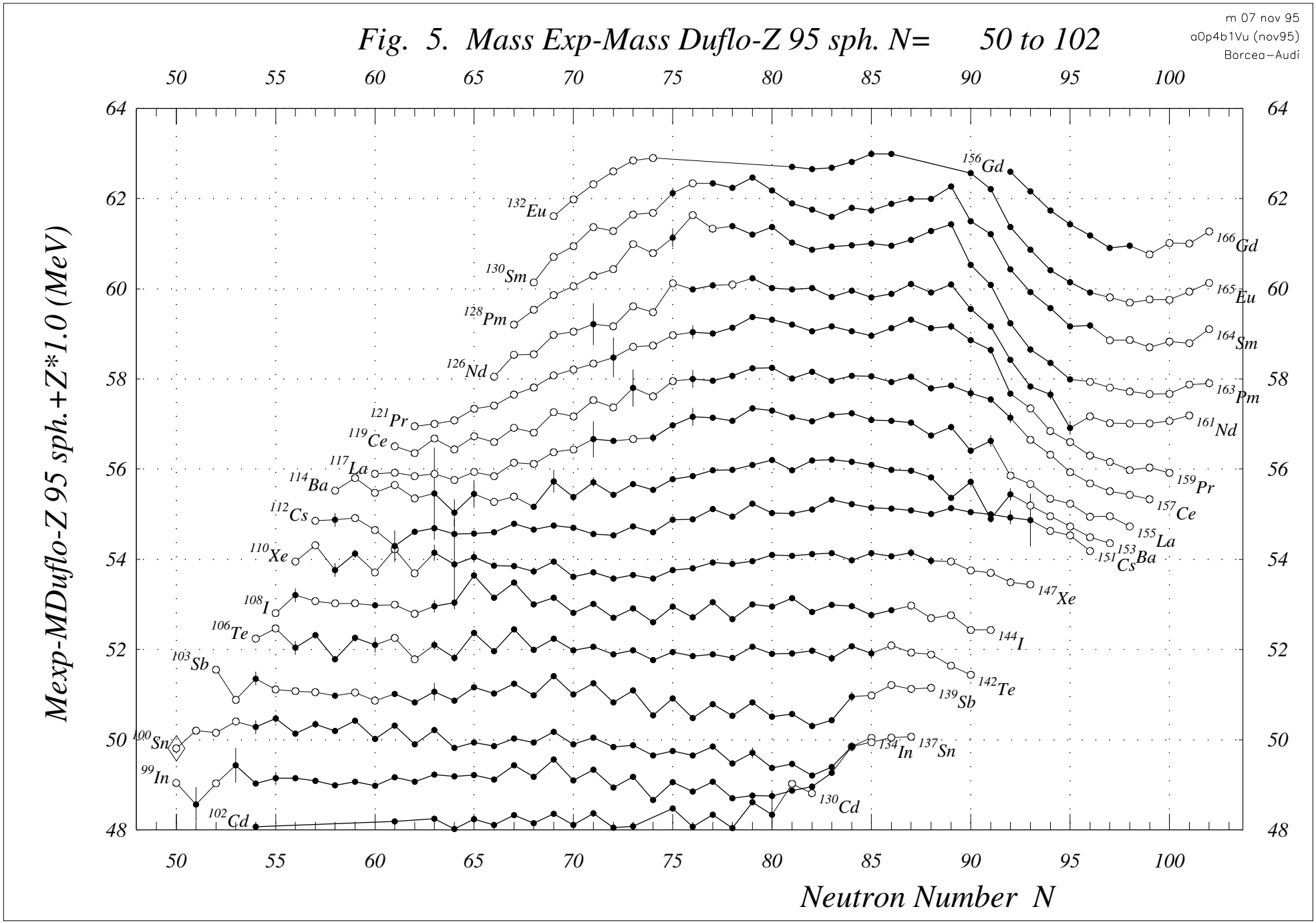


Fig. 5. Mass Exp-Mass Duflo-Z 95 sph. N= 50 to 102
m 07 nov 95
a0p4b1Vu (nov95)
Borcea–Audi
Mexp-MDuflo-Z 95 sph.+Z*1.0 (MeV)
Neutron Number N
50 55 60 65 70 75 80 85 90 95 100
64 62 60 58 56 54 52 50 48
156Gd
132Eu
130Sm
128Pm
126Nd
121Pr
119Ce
117La
114Ba
112Cs
110Xe
108I
106Te
103Sb
100Sn
99In
102Cd
166Gd
165Eu
164Sm
163Pm
161Nd
159Pr
157Ce
155La
153Ba
151Cs
147Xe
144I
142Te
139Sb
137Sn
134In
130Cd

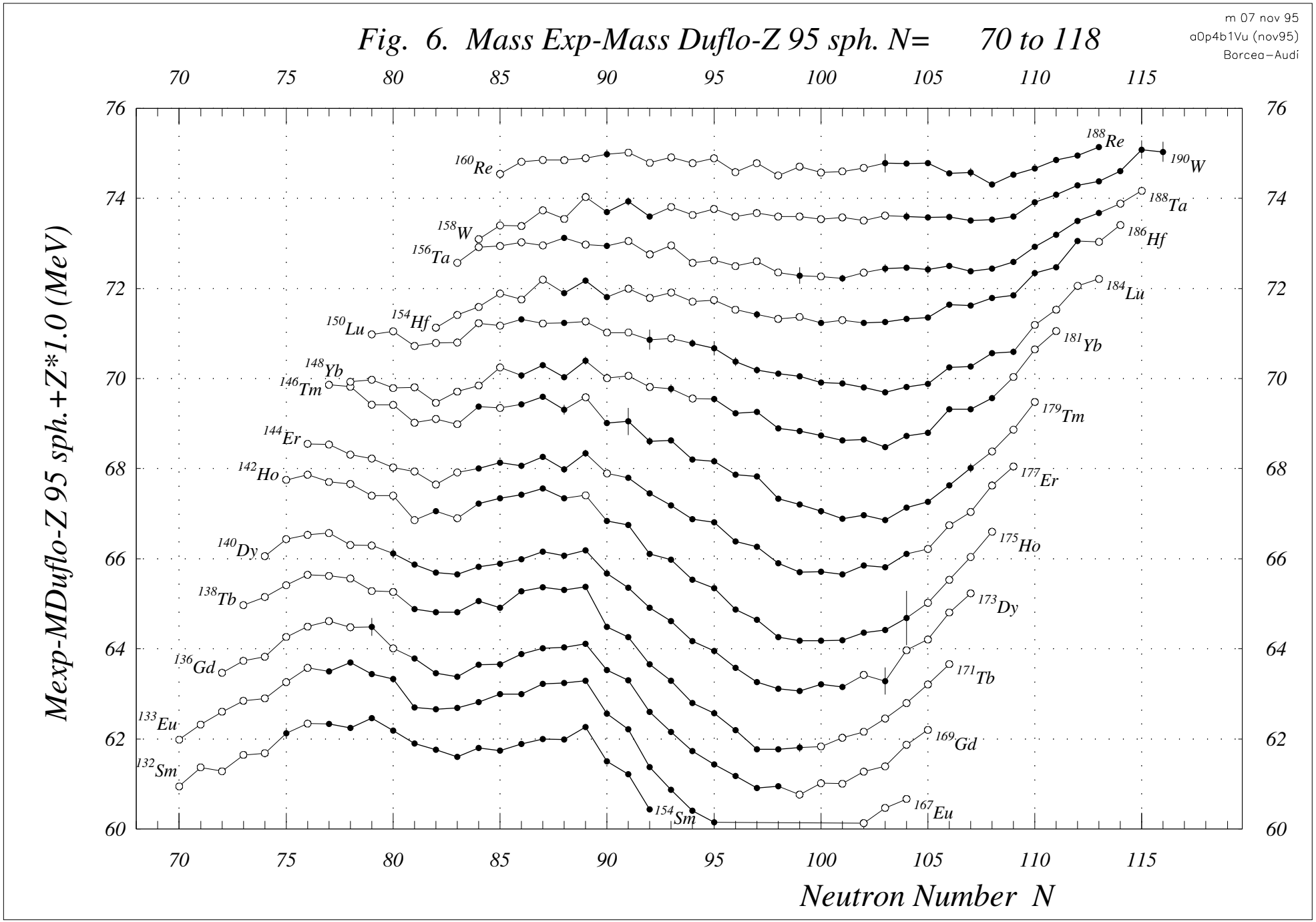


Fig. 6. Mass Exp-Mass Duflo-Z 95 sph. N= 70 to 118
m 07 nov 95
a0p4b1Vu (nov95)
Borcea–Audi
Mexp-MDuflo-Z 95 sph.+Z*1.0 (MeV)
Neutron Number N
70
75
80
85
90
95
100
105
110
115
60
62
64
66
68
70
72
74
76
160Re
188Re
190W
158W
156Ta
188Ta
186Hf
154Hf
150Lu
184Lu
181Yb
148Yb
146Tm
179Tm
144Er
142Ho
177Er
140Dy
175Ho
138Tb
173Dy
136Gd
171Tb
133Eu
169Gd
132Sm
154Sm
167Eu