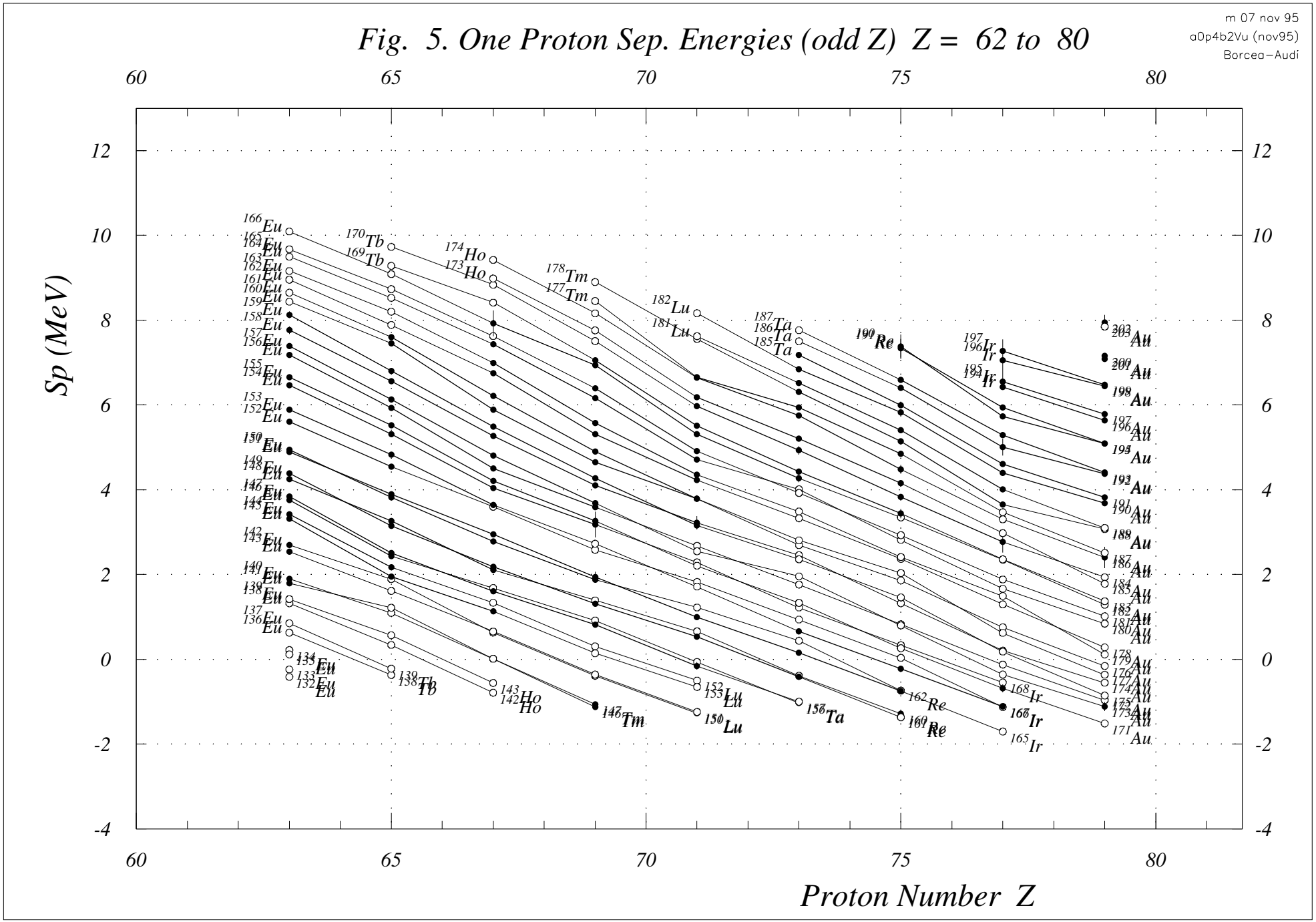
m 07 nov 95
a0p4b2Vu (nov95)
Borcea–Audi
Fig. 5. One Proton Sep. Energies (odd Z) Z = 62 to 80
Sp (MeV)
Proton Number Z
60
65
70
75
80
12
10
8
6
4
2
0
-2
-4
166 Eu
165 Eu
164 Eu
163 Eu
162 Eu
161 Eu
160 Eu
159 Eu
158 Eu
157 Eu
156 Eu
155 Eu
154 Eu
153 Eu
152 Eu
150 Eu
148 Eu
147 Eu
146 Eu
145 Eu
143 Eu
142 Eu
141 Eu
140 Eu
139 Eu
138 Eu
137 Eu
136 Eu
135 Eu
134 Eu
133 Eu
132 Eu
170 Tb
169 Tb
139 Tb
138 Tb
174 Ho
173 Ho
143 Ho
142 Ho
178 Tm
177 Tm
147 Tm
146 Tm
182 Lu
181 Lu
152 Lu
150 Lu
187 Ta
186 Ta
185 Ta
157 Ta
190 Re
162 Re
160 Re
161 Re
197 Ir
196 Ir
195 Ir
194 Ir
168 Ir
167 Ir
165 Ir
203 Au
200 Au
198 Au
197 Au
196 Au
195 Au
193 Au
191 Au
190 Au
188 Au
187 Au
186 Au
185 Au
184 Au
182 Au
181 Au
180 Au
178 Au
179 Au
176 Au
177 Au
174 Au
175 Au
173 Au
171 Au

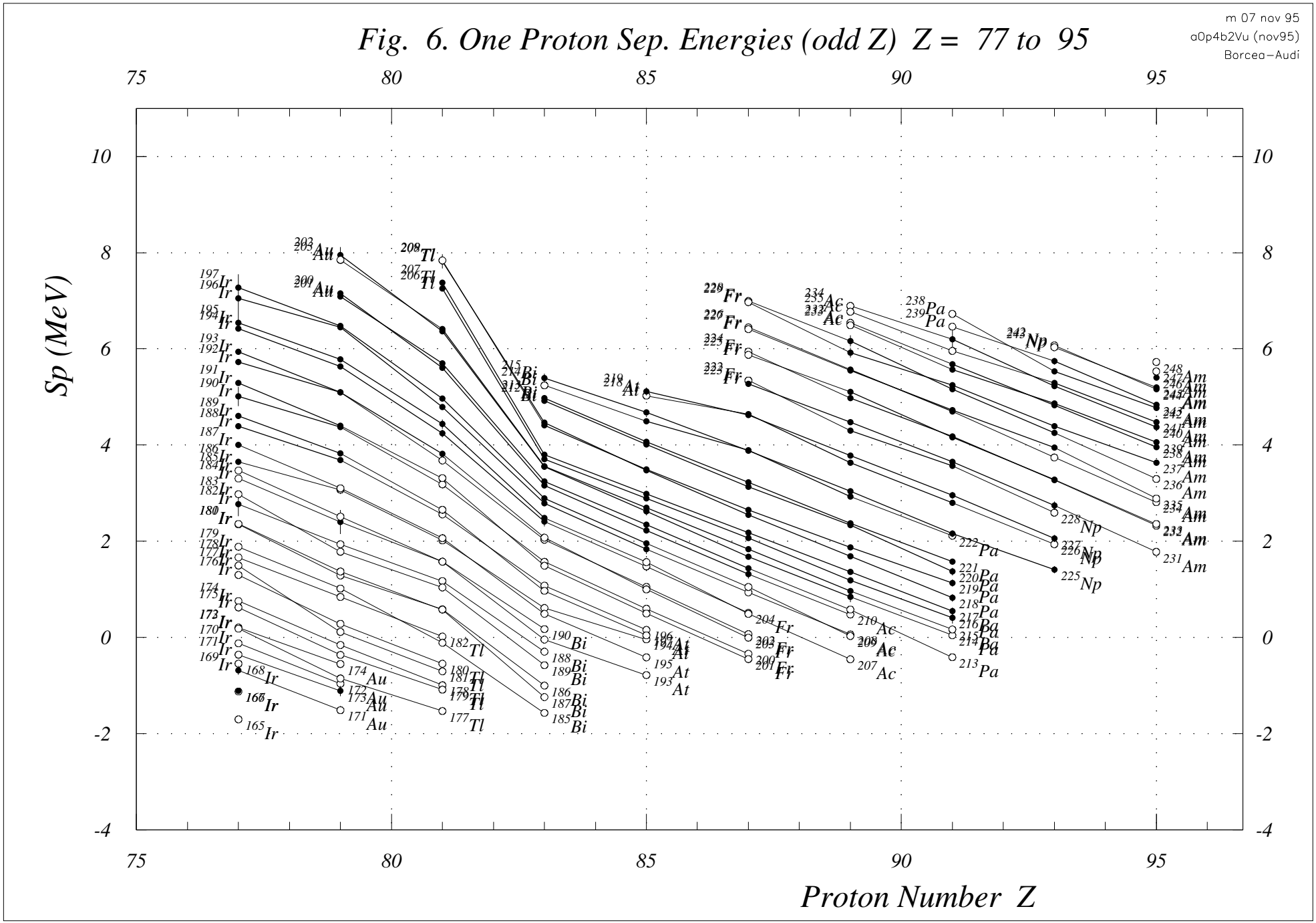
Fig. 6. One Proton Sep. Energies (odd Z) Z = 77 to 95
m 07 nov 95
a0p4b2Vu (nov95)
Borcea–Audi
Sp (MeV)
Proton Number Z
75
80
85
90
95
10
8
6
4
2
0
-2
-4
197Ir
196Ir
195Ir
194Ir
193Ir
192Ir
191Ir
190Ir
189Ir
188Ir
187Ir
186Ir
185Ir
184Ir
183Ir
182Ir
181Ir
180Ir
179Ir
178Ir
177Ir
176Ir
175Ir
174Ir
173Ir
172Ir
171Ir
170Ir
169Ir
168Ir
167Ir
166Ir
165Ir
203Au
202Au
201Au
200Au
199Au
198Au
197Au
196Au
195Au
194Au
193Au
192Au
191Au
190Au
189Au
188Au
187Au
186Au
185Au
184Au
183Au
182Au
181Au
180Au
179Au
178Au
177Au
176Au
175Au
174Au
173Au
172Au
171Au
209Tl
208Tl
207Tl
206Tl
205Tl
204Tl
203Tl
202Tl
201Tl
200Tl
199Tl
198Tl
197Tl
196Tl
195Tl
194Tl
193Tl
192Tl
191Tl
190Tl
189Tl
188Tl
187Tl
186Tl
185Tl
184Tl
183Tl
182Tl
181Tl
180Tl
179Tl
178Tl
177Tl
215Bi
214Bi
213Bi
212Bi
211Bi
210Bi
209Bi
208Bi
207Bi
206Bi
205Bi
204Bi
203Bi
202Bi
201Bi
200Bi
199Bi
198Bi
197Bi
196Bi
195Bi
194Bi
193Bi
192Bi
191Bi
190Bi
189Bi
188Bi
187Bi
186Bi
185Bi
219At
218At
217At
216At
215At
214At
213At
212At
211At
210At
209At
208At
207At
206At
205At
204At
203At
202At
201At
200At
199At
198At
197At
196At
195At
194At
193At
223Fr
222Fr
221Fr
220Fr
219Fr
218Fr
217Fr
216Fr
215Fr
214Fr
213Fr
212Fr
211Fr
210Fr
209Fr
208Fr
207Fr
206Fr
205Fr
204Fr
203Fr
202Fr
201Fr
200Fr
235Ac
234Ac
233Ac
232Ac
231Ac
230Ac
229Ac
228Ac
227Ac
226Ac
225Ac
224Ac
223Ac
222Ac
221Ac
220Ac
219Ac
218Ac
217Ac
216Ac
215Ac
214Ac
213Ac
212Ac
211Ac
210Ac
209Ac
208Ac
207Ac
239Pa
238Pa
237Pa
236Pa
235Pa
234Pa
233Pa
232Pa
231Pa
230Pa
229Pa
228Pa
227Pa
226Pa
225Pa
224Pa
223Pa
222Pa
221Pa
220Pa
219Pa
218Pa
217Pa
216Pa
215Pa
214Pa
213Pa
243Np
242Np
241Np
240Np
239Np
238Np
237Np
236Np
235Np
234Np
233Np
232Np
231Np
230Np
229Np
228Np
227Np
226Np
225Np
248Am
247Am
246Am
245Am
244Am
243Am
242Am
241Am
240Am
239Am
238Am
237Am
236Am
235Am
234Am
233Am
232Am
231Am

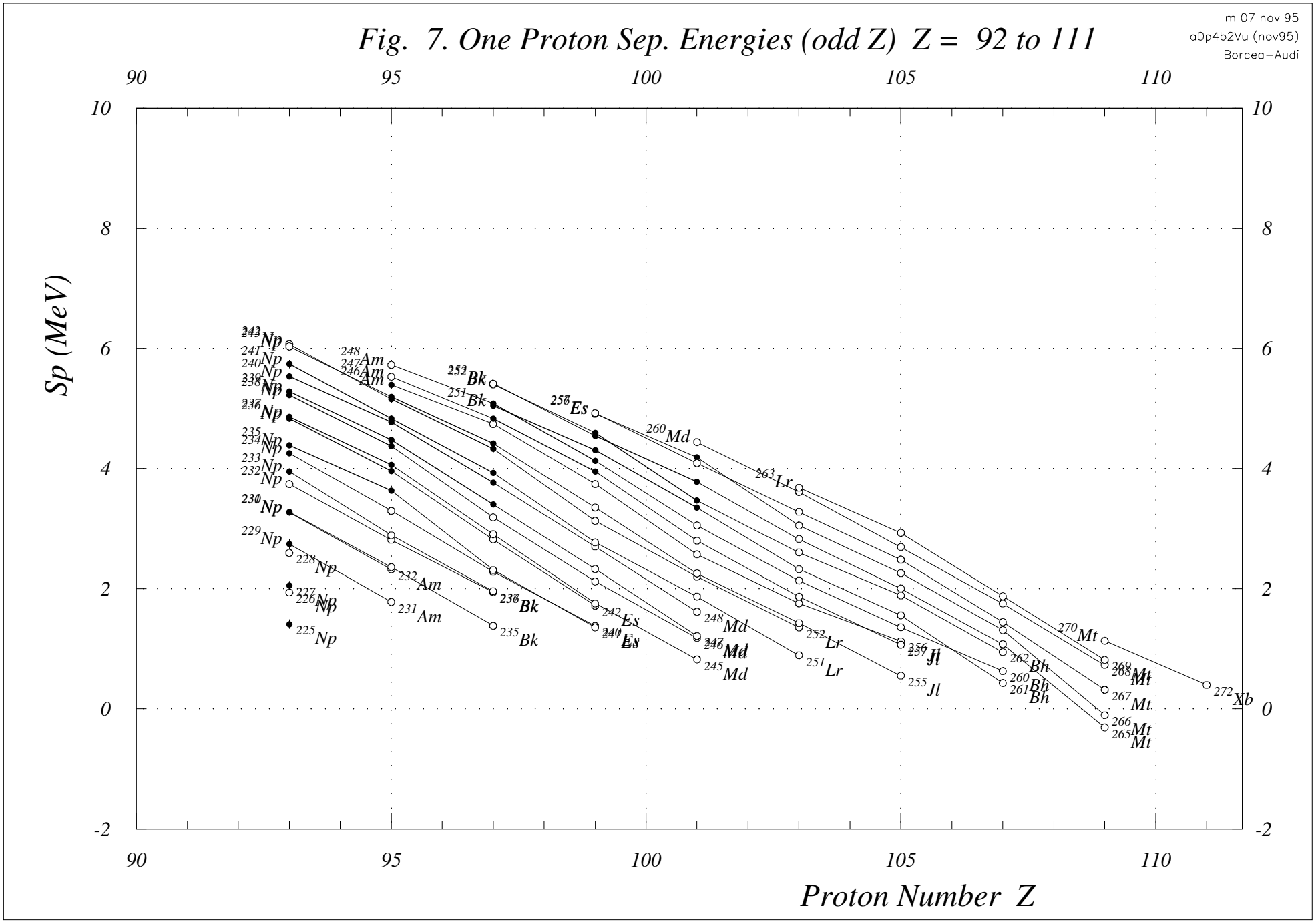
Fig. 7. One Proton Sep. Energies (odd Z) Z = 92 to 111
m 07 nov 95
a0p4b2Vu (nov95)
Borcea–Audi
Sp (MeV)
Proton Number Z
90
95
100
105
110
10
8
6
4
2
0
-2
Np
Am
Bk
Es
Md
Lr
Jl
Bh
Mt
Xb