

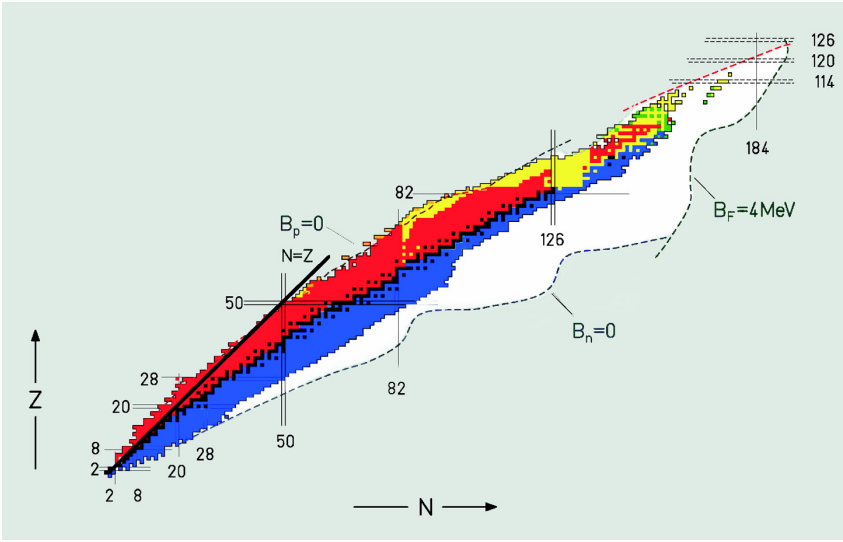
# Colour Section



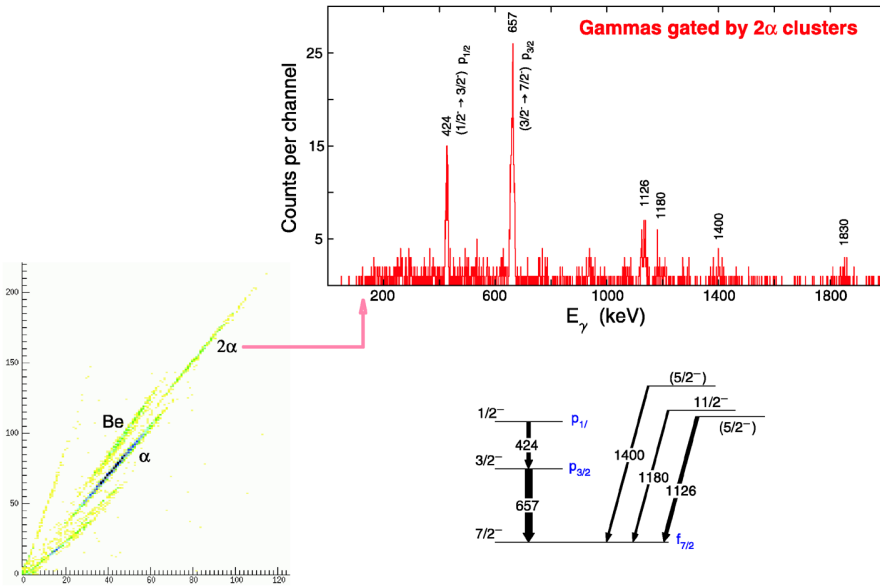
**Fig. 1.** Photo taken at the 1997 Leuven School



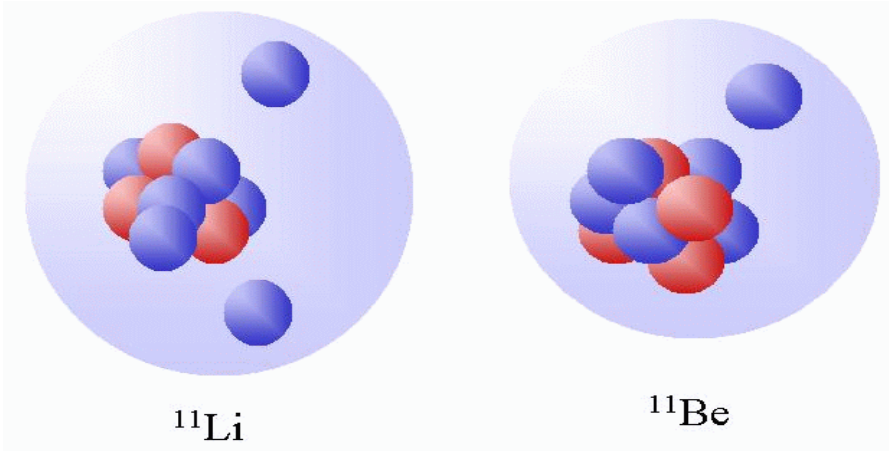
**Fig. 2.** Photo taken at the 2003 Valencia School



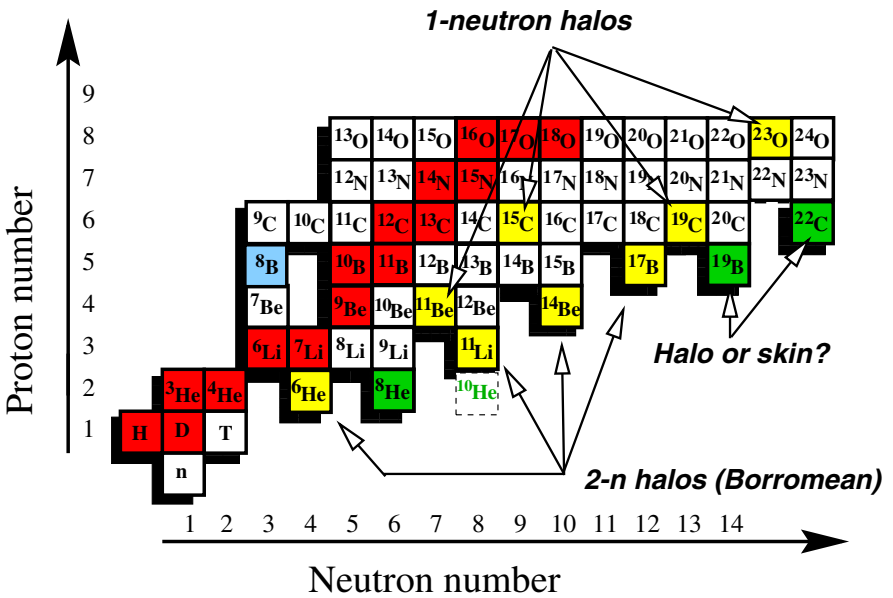
**Fig. 3.** Chart of nuclides; see Fig. 1 of the Introduction by Huysse



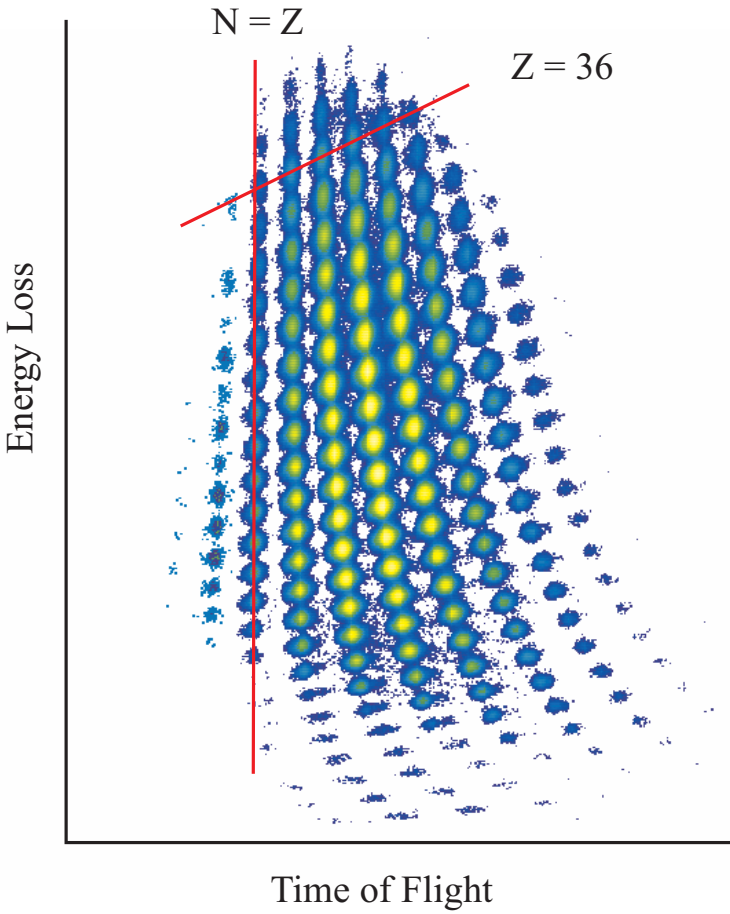
**Fig. 4.** Spectroscopy of  $^{135}\text{Te}$  by means of neutron-transfer reactions; see Fig. 13 of the Introduction by Huysse



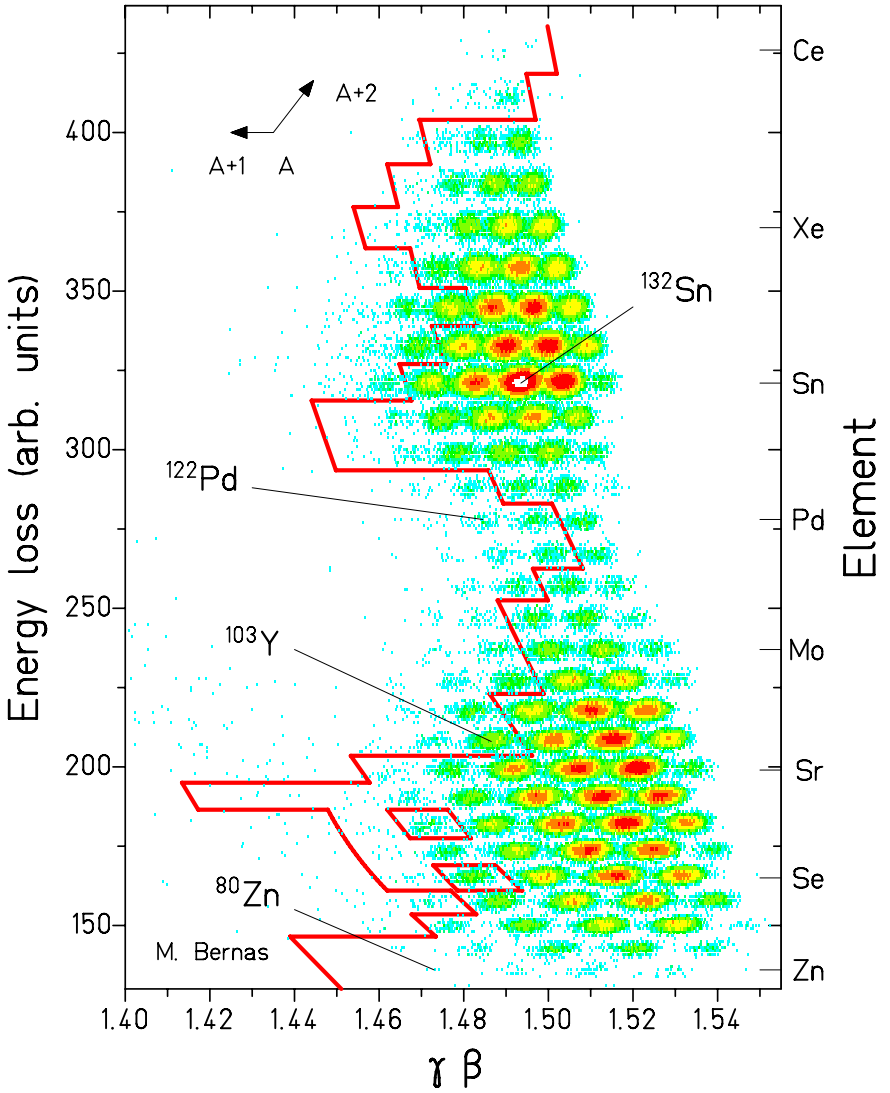
**Fig. 5.** Schematic representation of the two-neutron halo nucleus  $^{11}\text{Li}$  and one-neutron halo nucleus  $^{11}\text{Be}$ ; see Fig. 1 of the Lecture by Al-Khalili



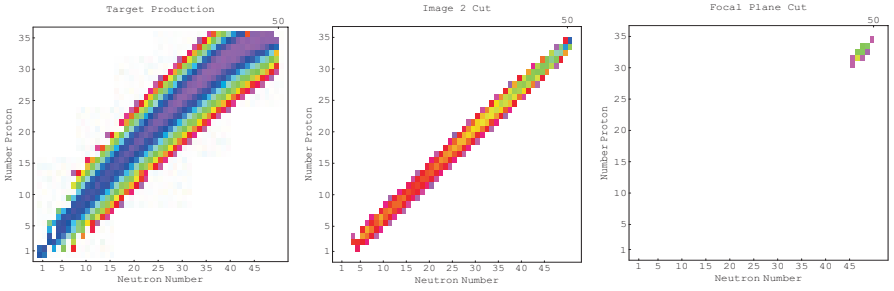
**Fig. 6.** Chart of halo nuclei; see Fig. 2 of the Lecture by Al-Khalili



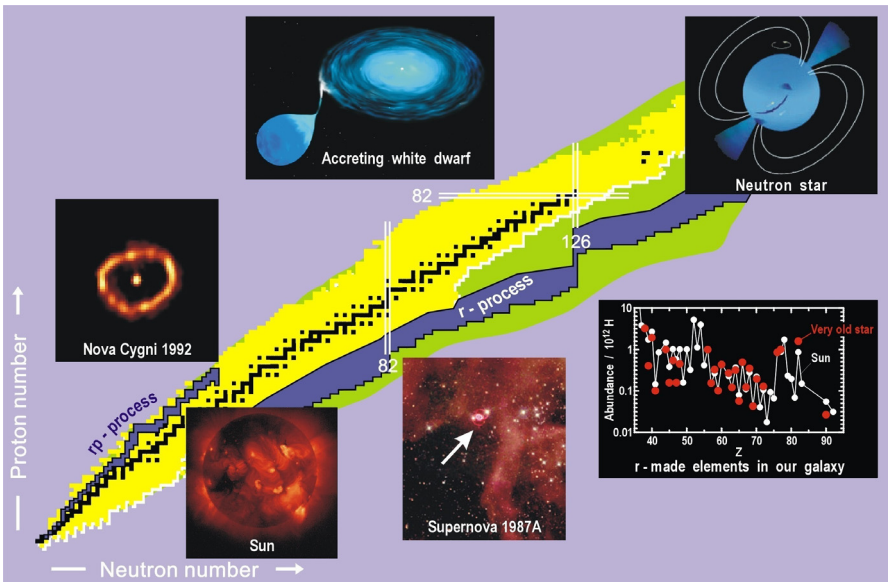
**Fig. 7.** Nuclei produced in  $^{78}\text{Kr}$ -induced fragmentation reactions; see Fig. 2 of the Lecture by Morrissey and Sherrill



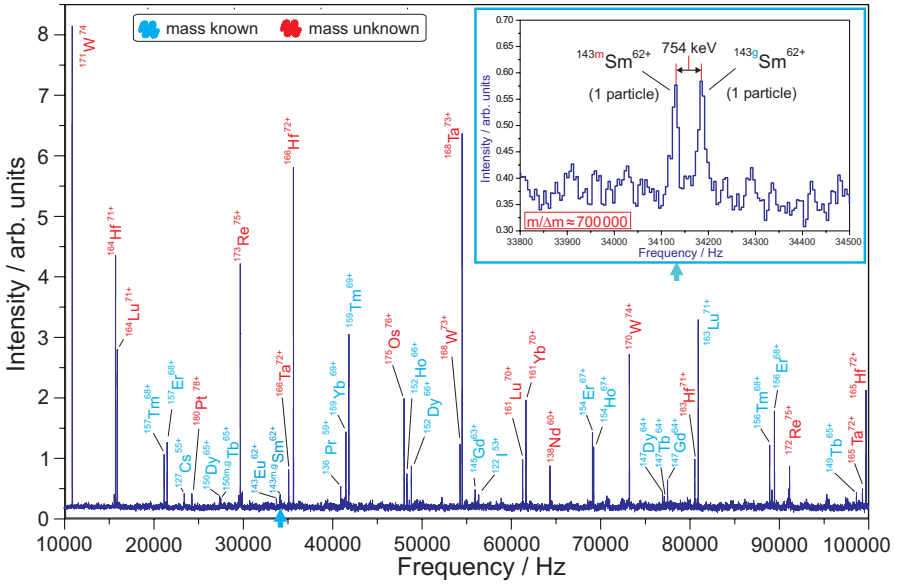
**Fig. 8.** Nuclei produced in  $^{238}\text{U}$ -induced fission reactions; see Fig. 3 of the Lecture by Morrissey and Sherrill



**Fig. 9.** In-flight selection of nuclei produced in  $^{86}\text{Kr}$ -induced fragmentation reactions; see Fig. 6 of the Lecture by Morrissey and Sherrill

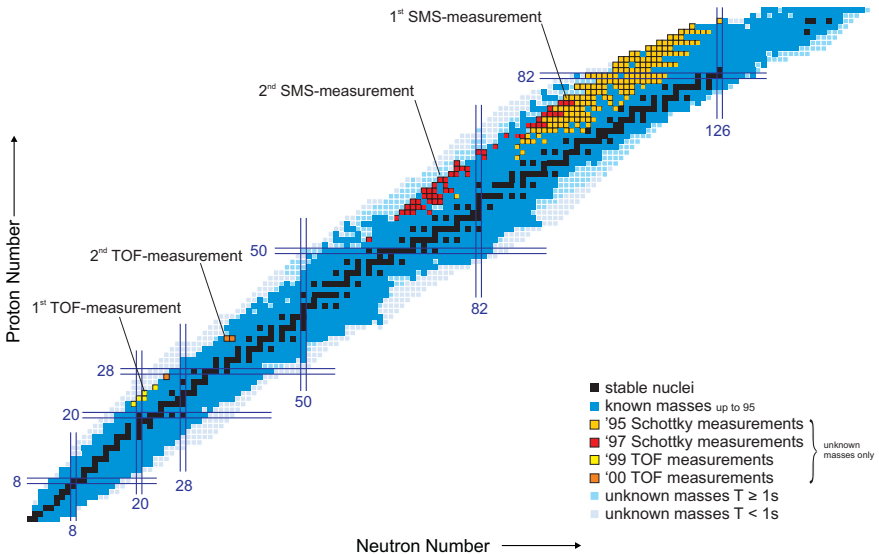


**Fig. 10.** Chart of nuclides showing scenarios for matter creation in stars; see Fig. 6 of the Lecture by Bosch



**Fig. 11.** Schottky spectrum of nuclei produced in  $^{209}\text{Bi}$ -induced fragmentation reactions and stored in the Experimental Storage Ring; see Fig. 9 of the Lecture by Bosch

Areas of Mass Measurements in the ESR



**Fig. 12.** Chart of nuclides showing the results obtained by mass measurements in the Experimental Storage Ring; see Fig. 12 of the Lecture by Bosch

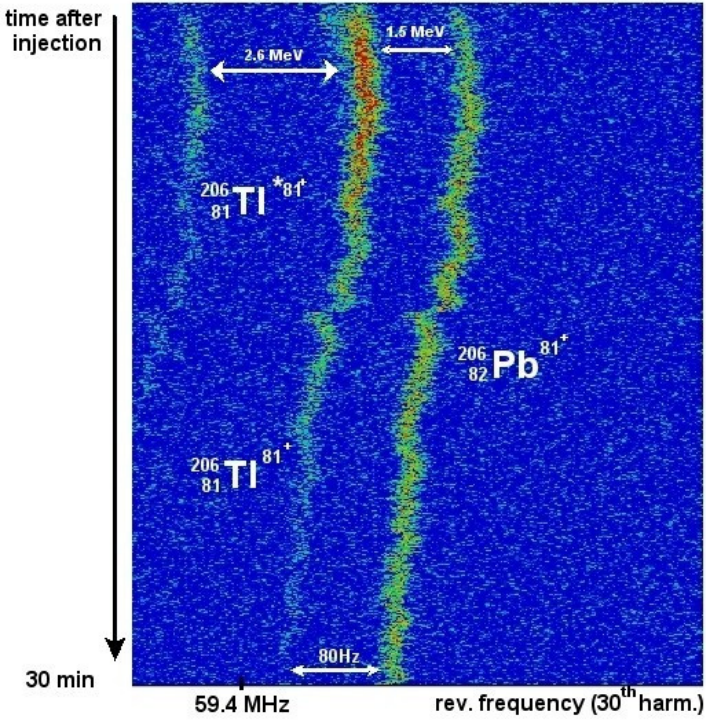


Fig. 13. Time traces of Schottky lines left by stored  $^{206}\text{Tl}$  ions; see Fig. 17 of the Lecture by Bosch

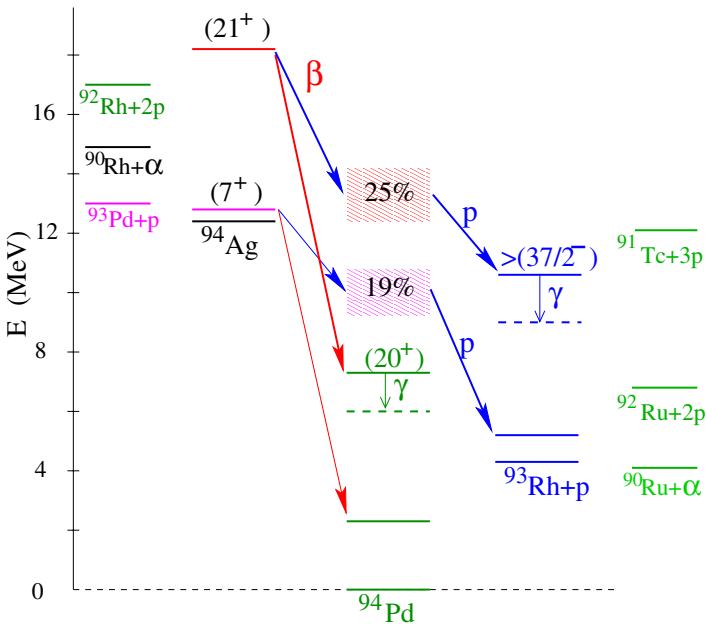
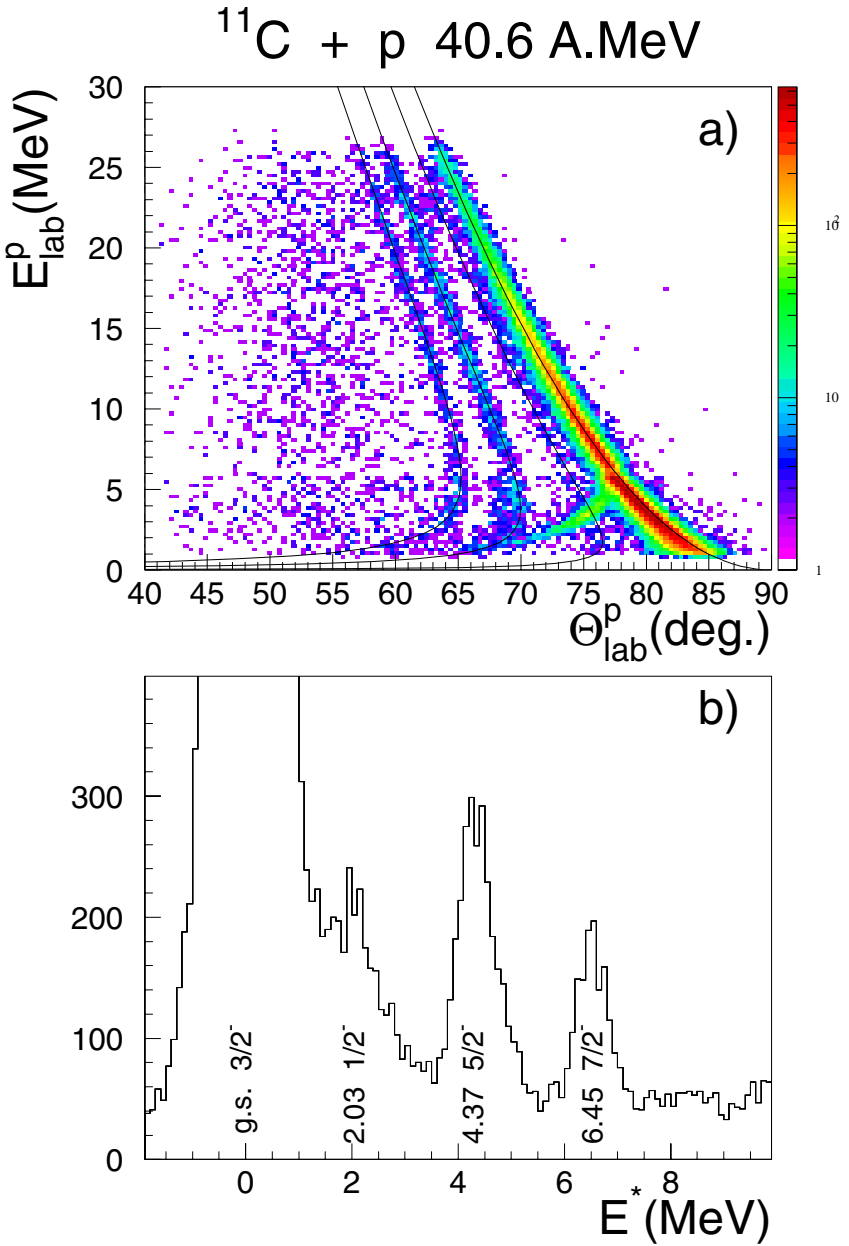
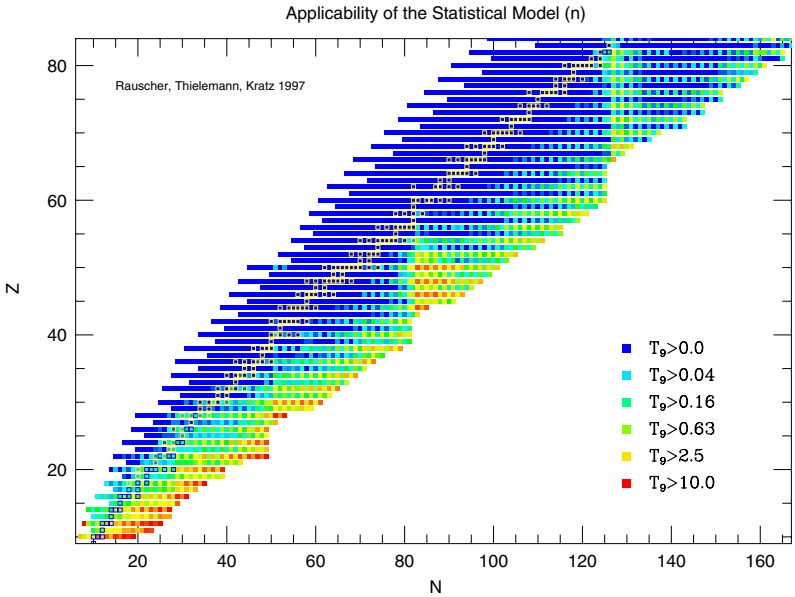


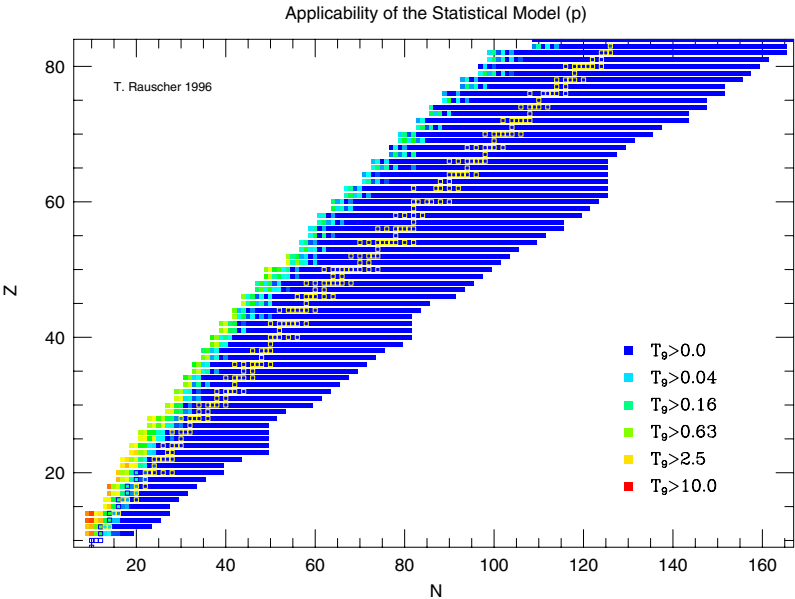
Fig. 14. Decay modes of the  $(7^+)$  and  $(21^+)$  isomers of  $^{94}\text{Ag}$ ; see Fig. 17 of the Lecture by Roeckl



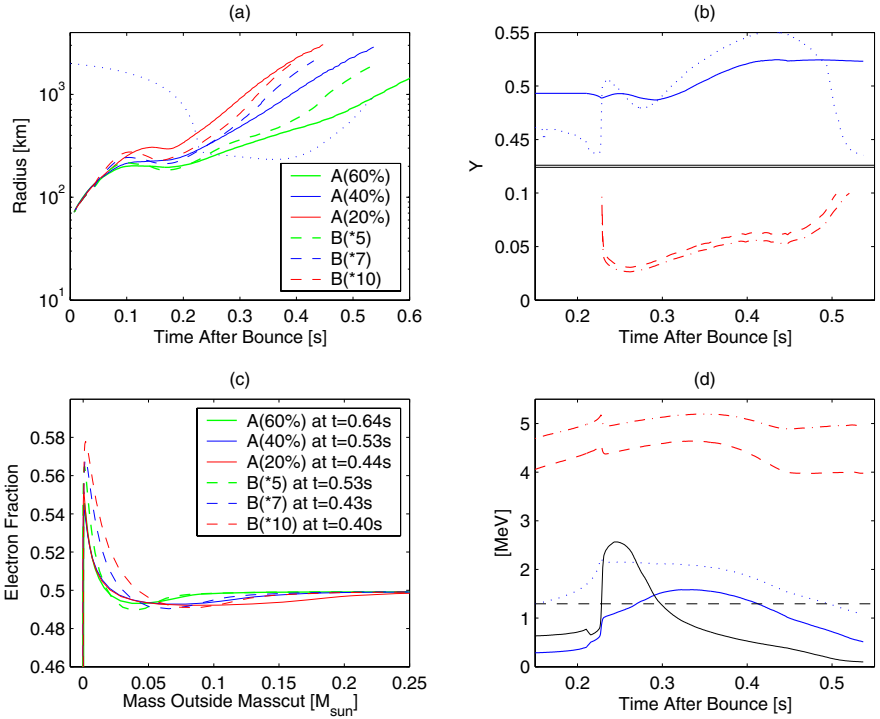
**Fig. 15.** Elastic scattering of  $^{11}\text{C}$  nuclei on a hydrogen target; see Fig. 8 of the Lecture by Alamanos and Gillibert



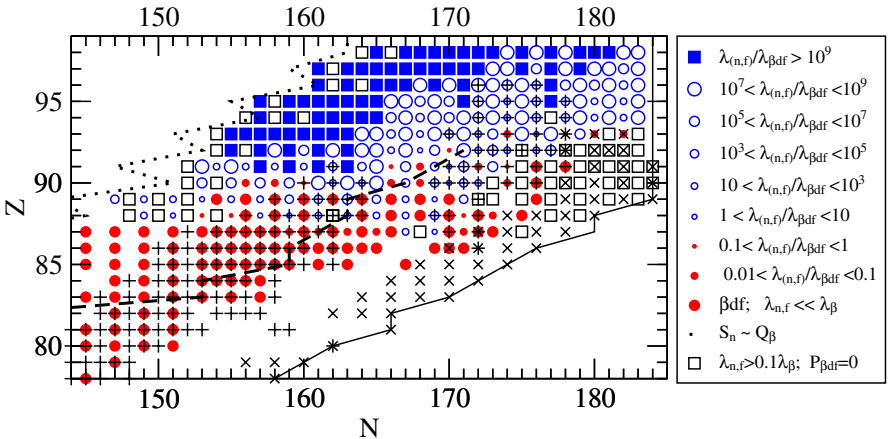
**Fig. 16.** Stellar temperatures used in statistical-model calculations of neutron-induced reactions; see Fig. 2 of the Lecture by Langanke, Thielemann and Wiescher



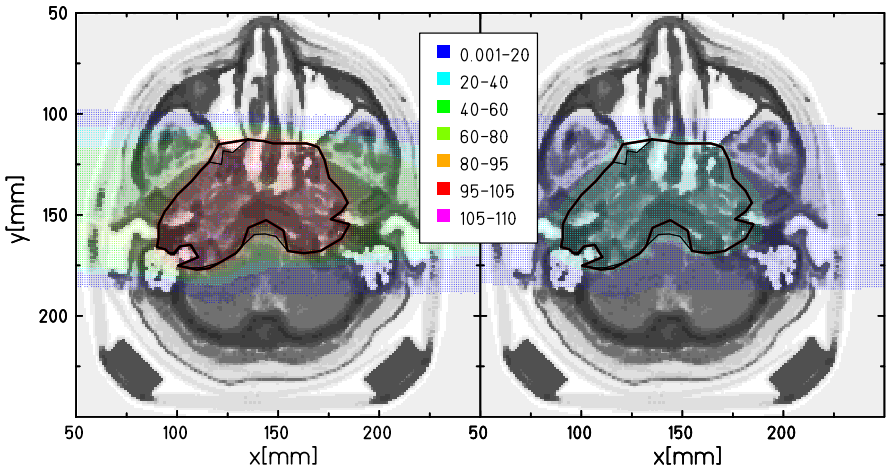
**Fig. 17.** Stellar temperatures used in statistical-model calculations of proton-induced reactions; see Fig. 3 of the Lecture by Langanke, Thielemann and Wiescher



**Fig. 18.** Results obtained in simulations of core collapse and explosion of Type II Supernovae; see Fig. 18 of the Lecture by Langanke, Thielemann and Wiescher



**Fig. 19.** Ratios of neutron-induced to beta-delayed fission probabilities predicted for nuclei of interest in r-process calculations; see Fig. 20 of the Lecture by Langanke, Thielemann and Wiescher



**Fig. 20.** Computer tomography section through the head of a patient, taken in connection with heavy-ion tumor therapy; see Fig. 16 of the Lecture by Kraft-Weyrather