ENTRY NO. CU71 **Date** Sept. 1995

Cyclotron Model Scanditronix MC 35
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In Charge: M.Guttormsen Reported by: S.Messelt

HISTORY

MILESTONE DATES:
Installation First Beam 1979
DESIGN/CONSTRUCTION BY: Scanditronix AB, Sweden
COST: Accelerator Nkr 6 mill. Facility 2 mill.
FUNDED BY: Univ. of Oslo and Norw. Res. Council

STATUS

STAFF: Operators 2 Technicians
BUDGET: Machine Nkr 0,6 mill. Funded by Univ. Res. Coun.
TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a) Basic nuclear research 80 %
(b) Nuclear chem. 10 %
(c) Maintenance etc. 10 %
(d) %
(e) %

CHARACTERISTIC BEAMS

	Accelerated Ions	E/A (MeV/u)	Current (part μA) Internal	External
(a)	p	8 - 35		1 10
(b)	3He	4 - 15		0.1 - 3

1994 μA-hours on target: 440

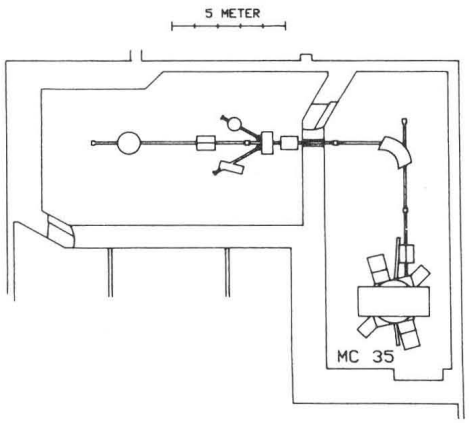
FACILITIES

SHIELDED AREA: Fixed: 150 m² Moveable m²
Target Stations: 4 No. Served At Same Time: 1
OTHER FACILITIES: 3He recycling,
CACTUS/SIRI particle-gamma multidetector system.

REFERENCES/NOTES

(a) Anuual Reports 1979 - 94, Nuclear Physics Group, Univ. of Oslo

PLAN VIEW OF FACILITY, COMMENTS



Entry: CU73 **Date**: 15 juin 1998
Machine Name:
Cyclotron Model: MGC-20
Institution: V.G.Khlopin Radium Institute
Address: St.Petersburg, Russia
Tel: 247-61-81
Fax: 247-61-81 **Web**:
E-mail:
In Charge: Leonid M. Solin

HISTORY

Installation: 1987 **First Beam**: 1988
Design/Construction by: D.V.Efremov Institute
Funded by:

USES

Isotope production 100 %
%
%
%
%
Total time: 1500 h/year

CHARACTERISTIC BEAMS

Ions/energy/current:
p/5-20/50 μA
d/3-10/50 μA
^{4}He/6-20/25 μA

EXPERIMENTAL FACILITIES

REFERENCES

PLAN VIEW OF FACILITY

COMMENTS