

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

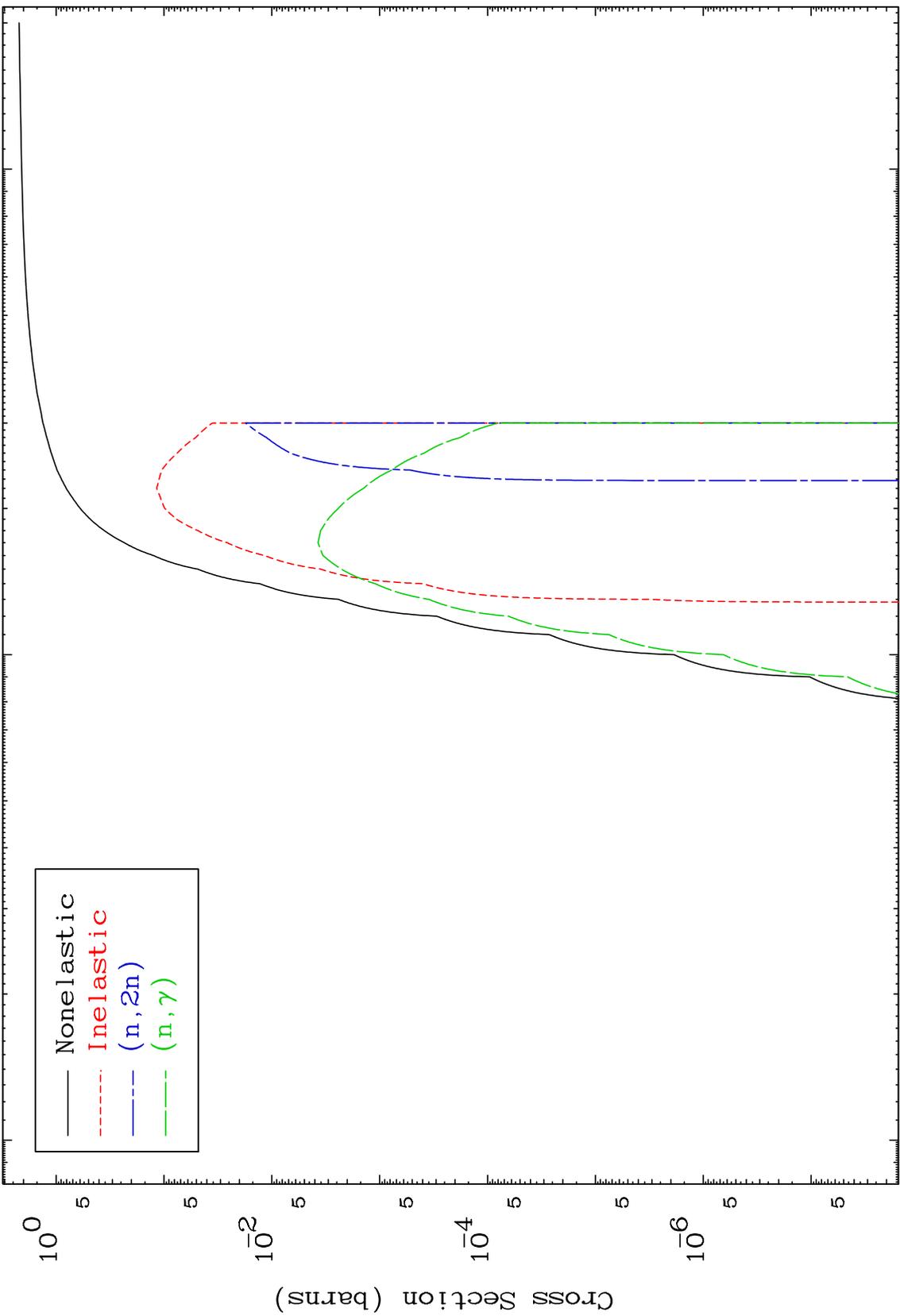
Press Mouse Button to Start

MAT 5490

α Major

55-Cs-121m

0 Kelvin Cross Sections



55-Cs-121m

Incident Energy (MeV)

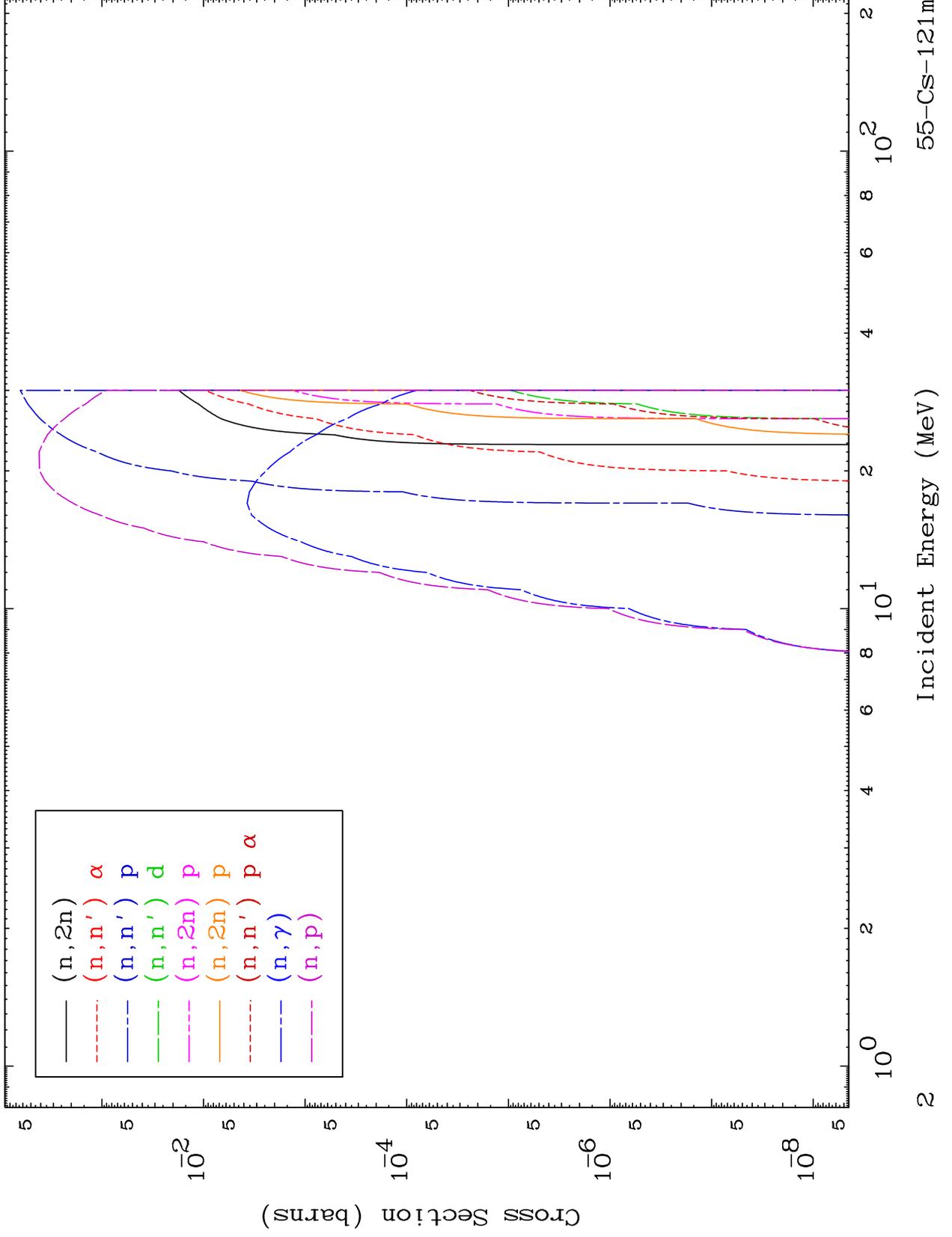
55-Cs-121m

1

MAT 5490

α Neutron Absorption
0 Kelvin Cross Sections

55-Cs-121m

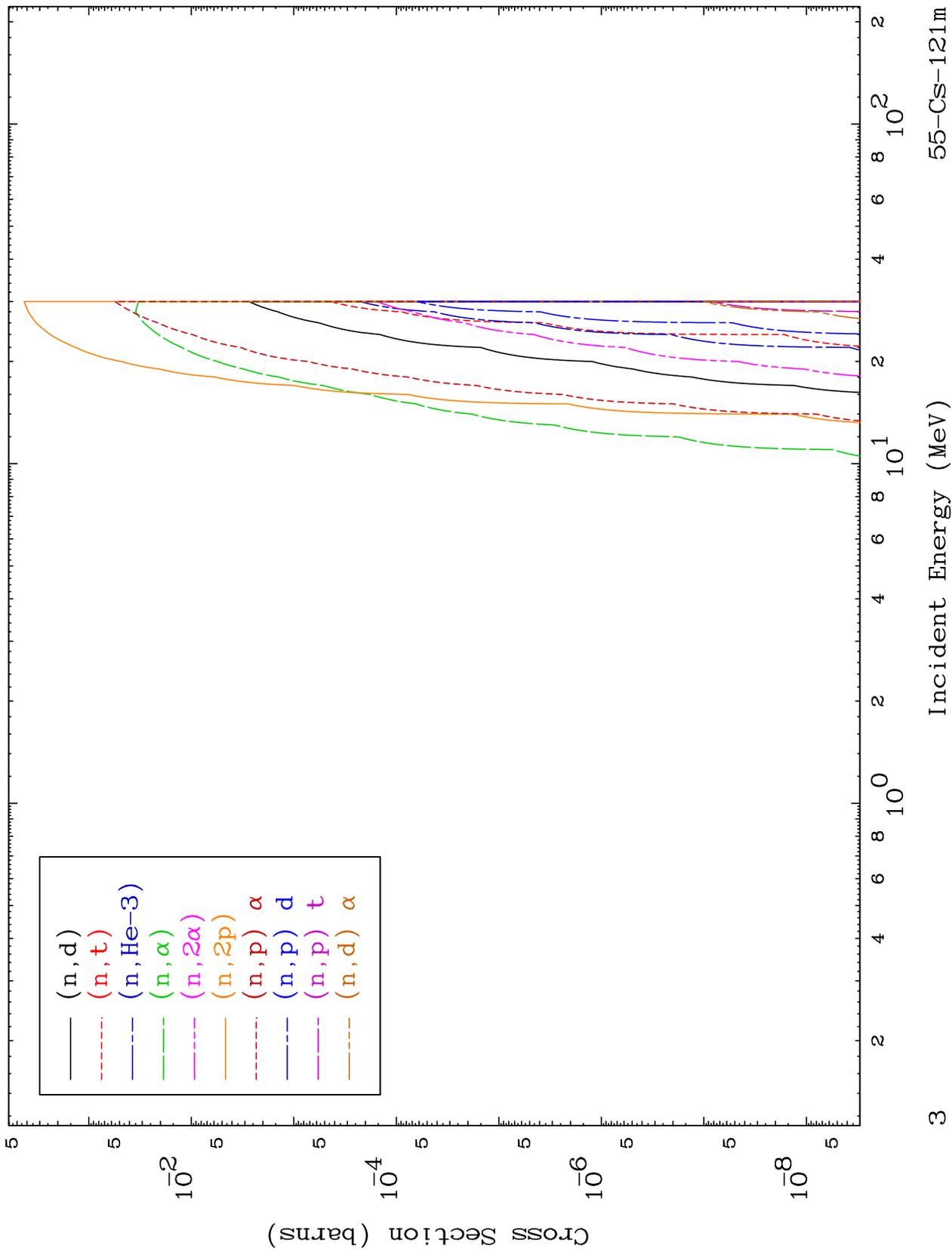


55-Cs-121m

MAT 5490

α Neutron Absorption
0 Kelvin Cross Sections

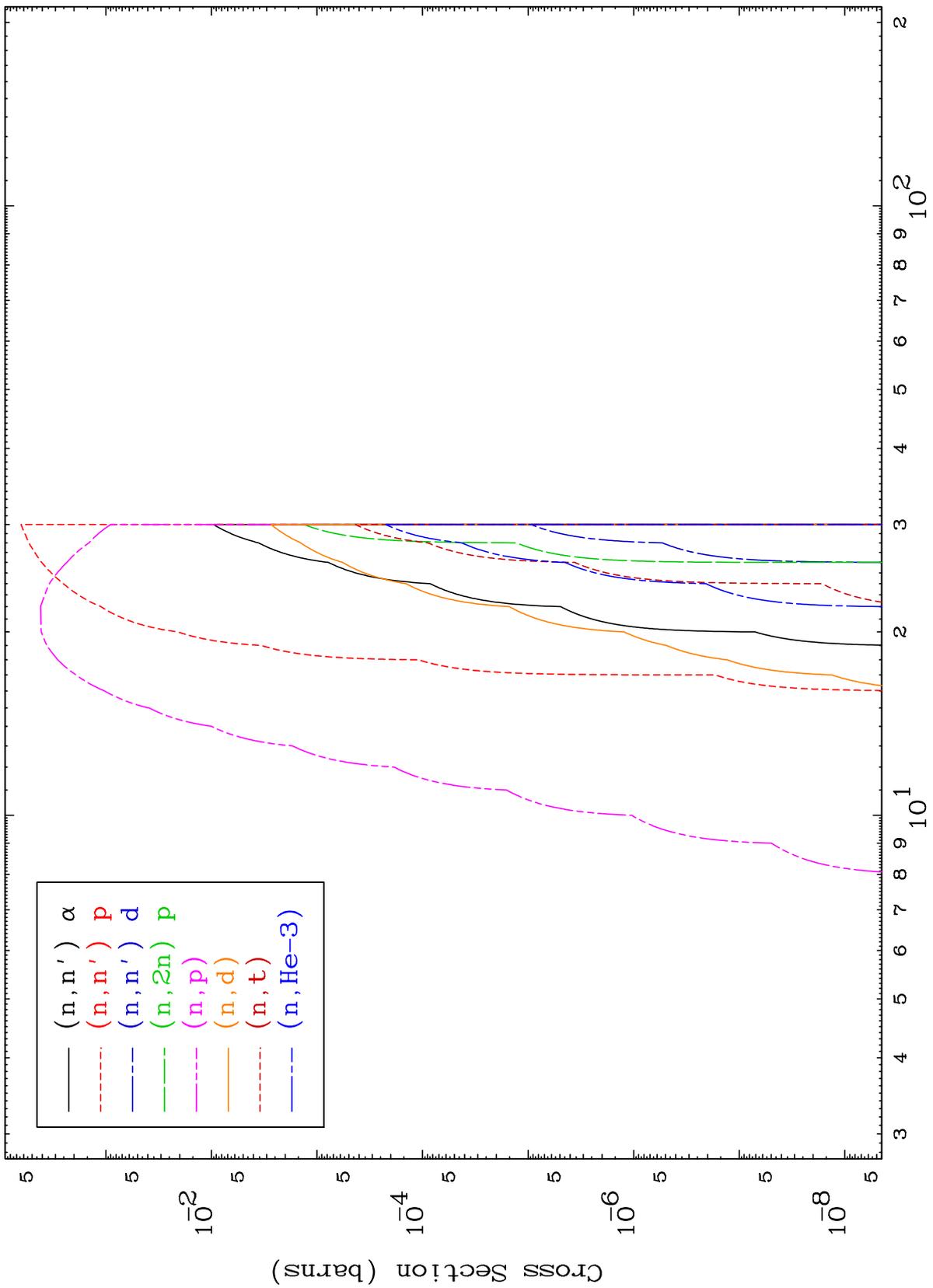
55-Cs-121m



MAT 5490

α Charged Particle
0 Kelvin Cross Sections

55-Cs-121m



4

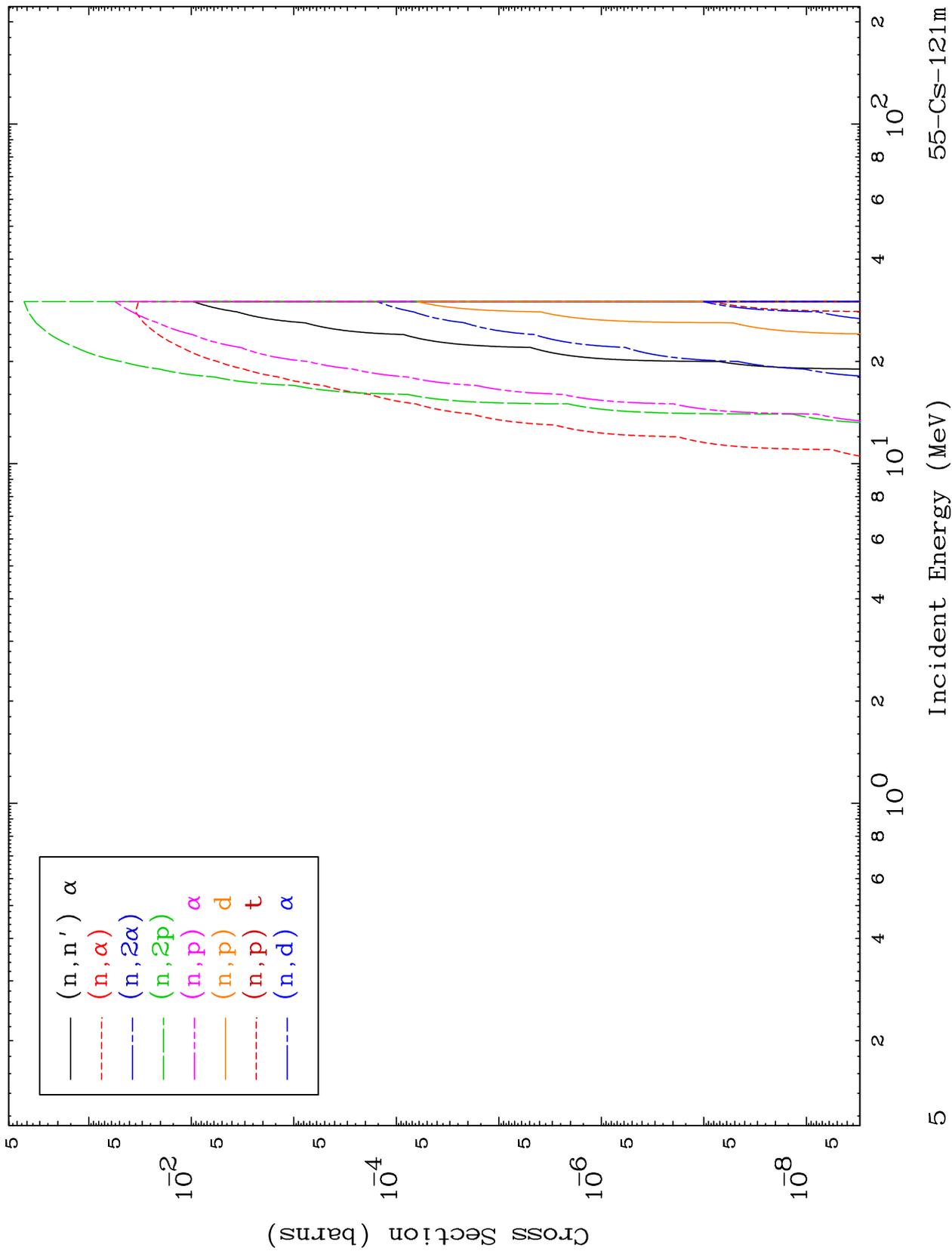
Incident Energy (MeV)

55-Cs-121m

MAT 5490

α Charged Particle
0 Kelvin Cross Sections

55-Cs-121m



5

Incident Energy (MeV)

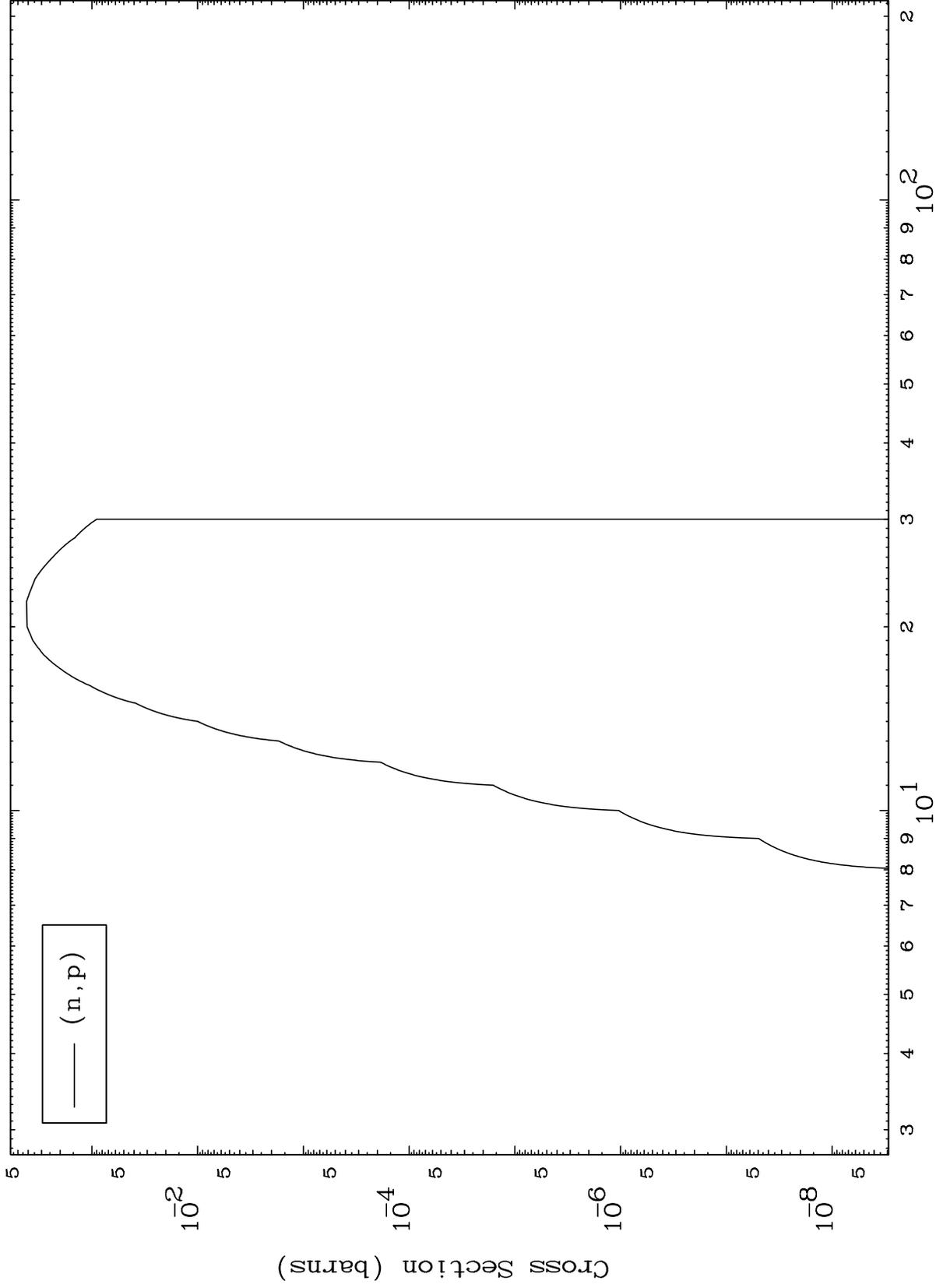
55-Cs-121m

MAT 5490

(α, p) Levels

55-Cs-121m

0 Kelvin Cross Sections



Incident Energy (MeV)

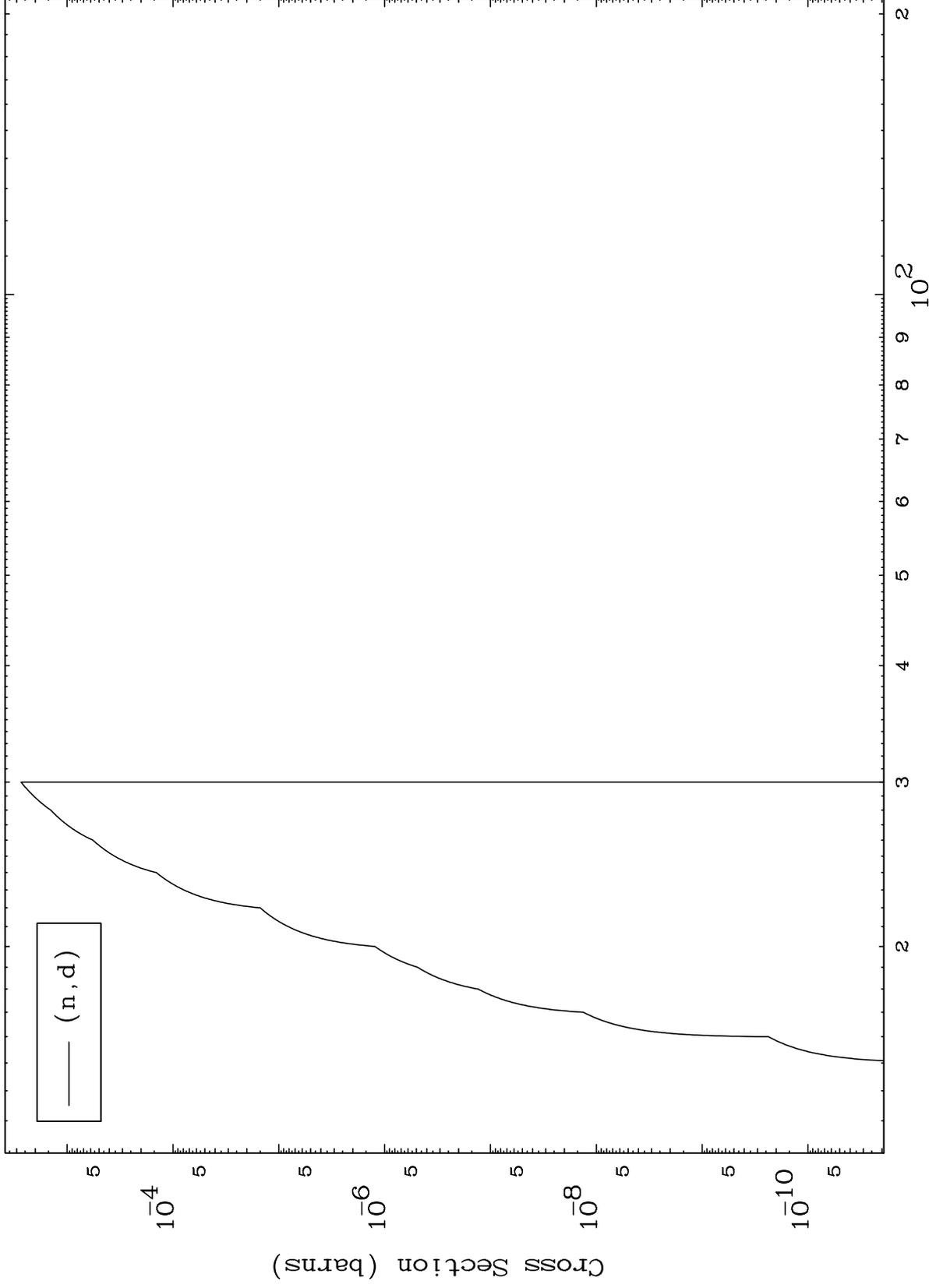
55-Cs-121m

6

MAT 5490

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-121m



7

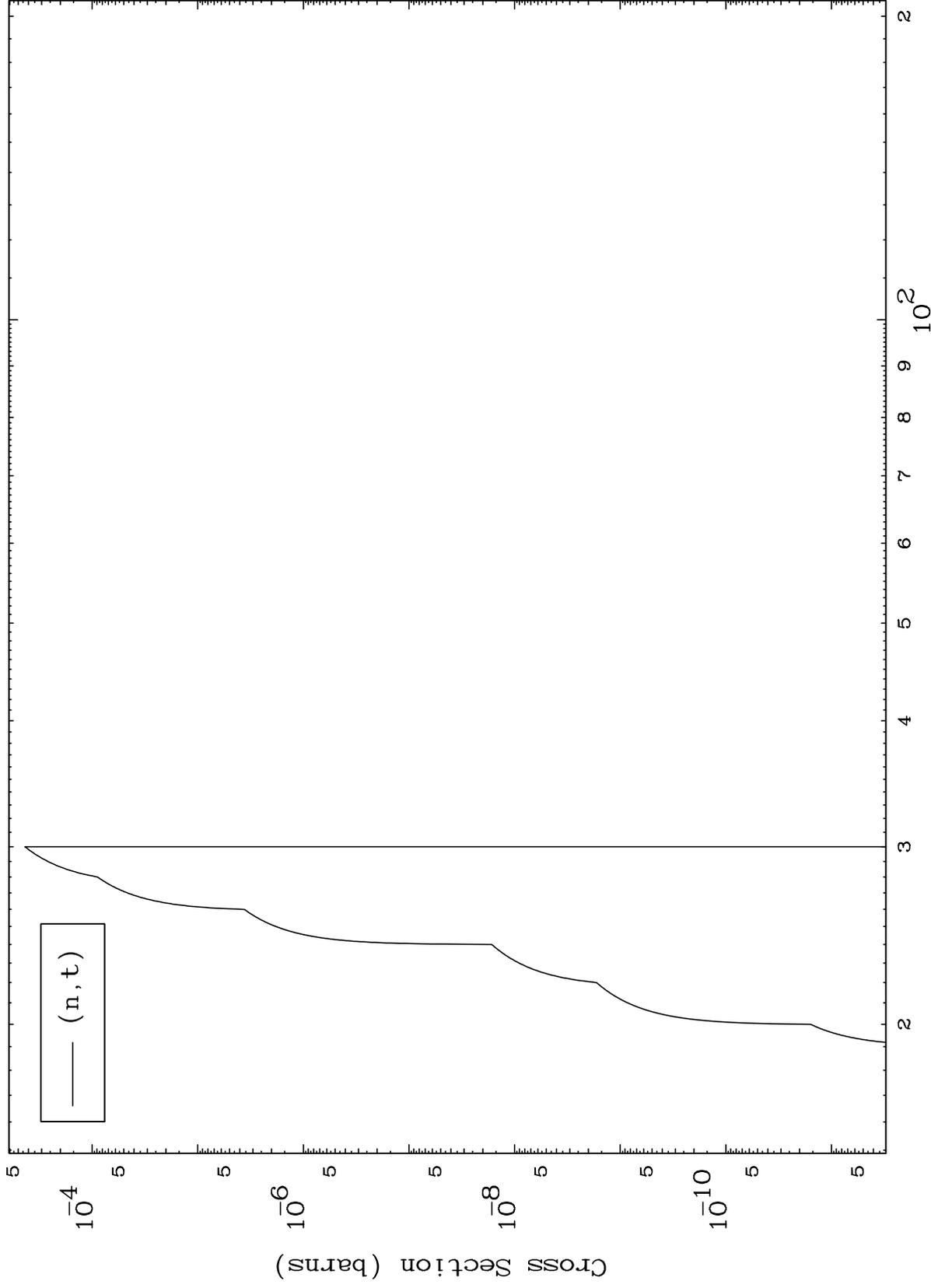
Incident Energy (MeV)

55-Cs-121m

MAT 5490

(α, t) Levels
0 Kelvin Cross Sections

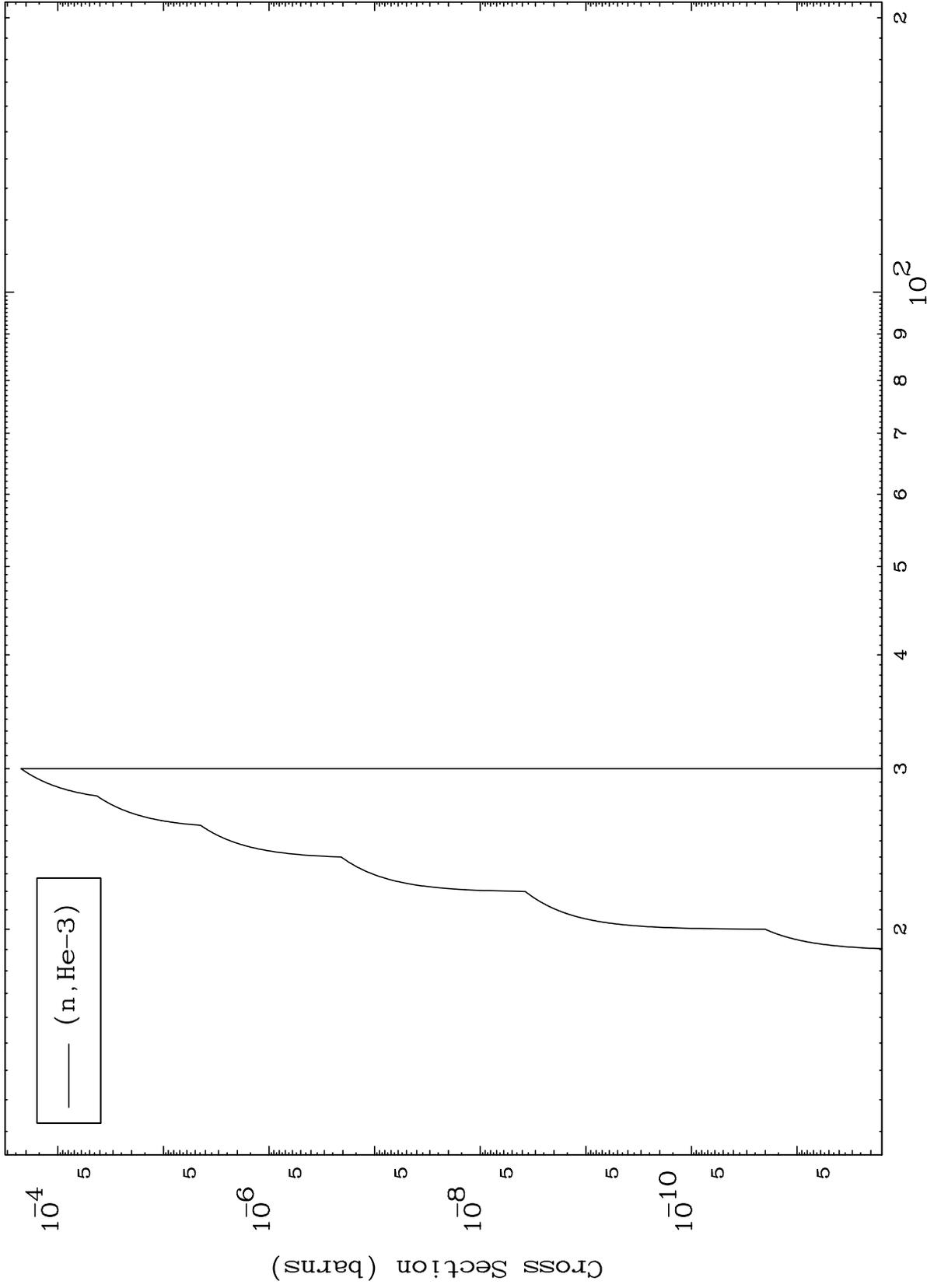
55-Cs-121m



8

Incident Energy (MeV)

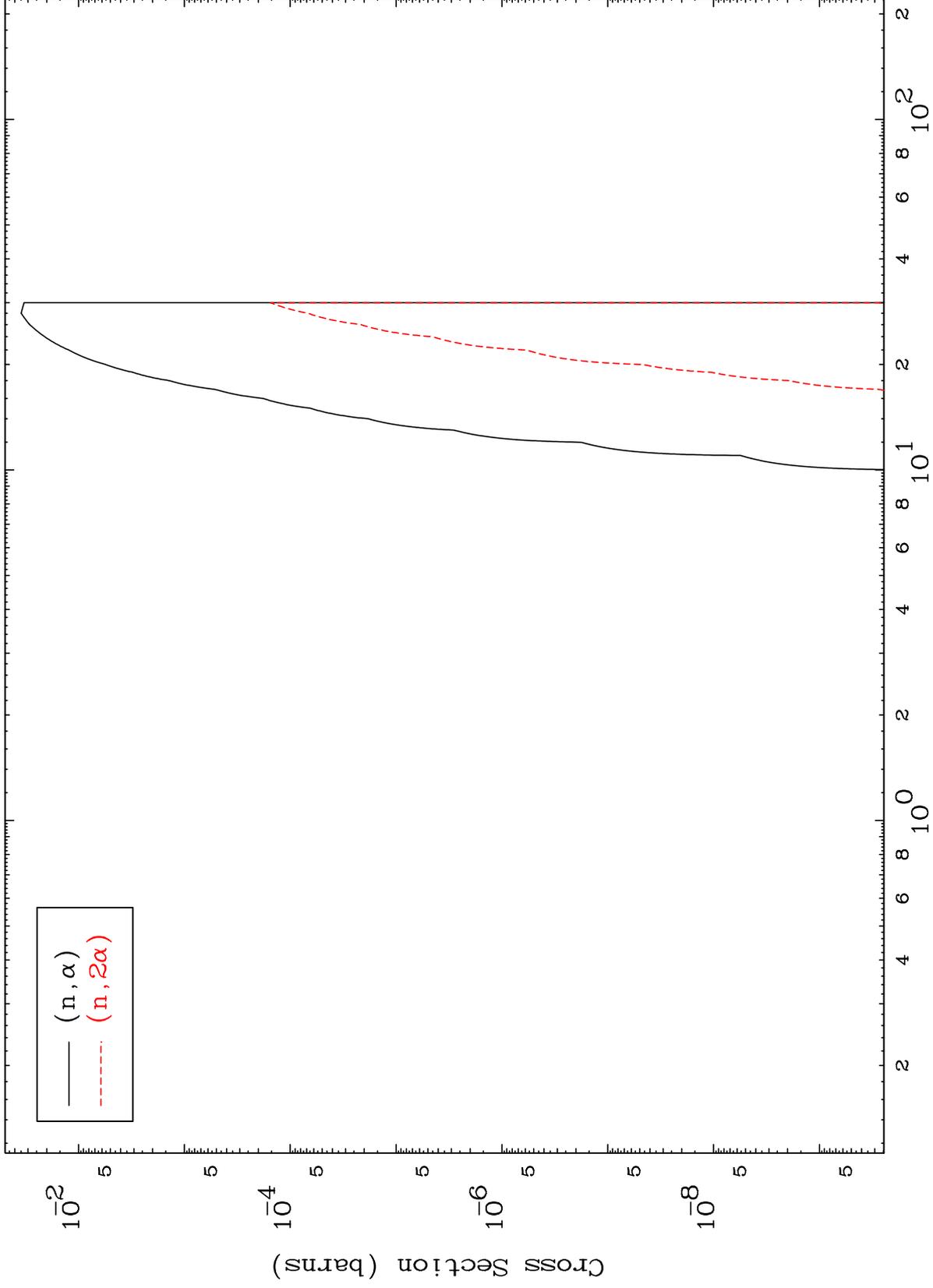
55-Cs-121m



MAT 5490

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-121m



10

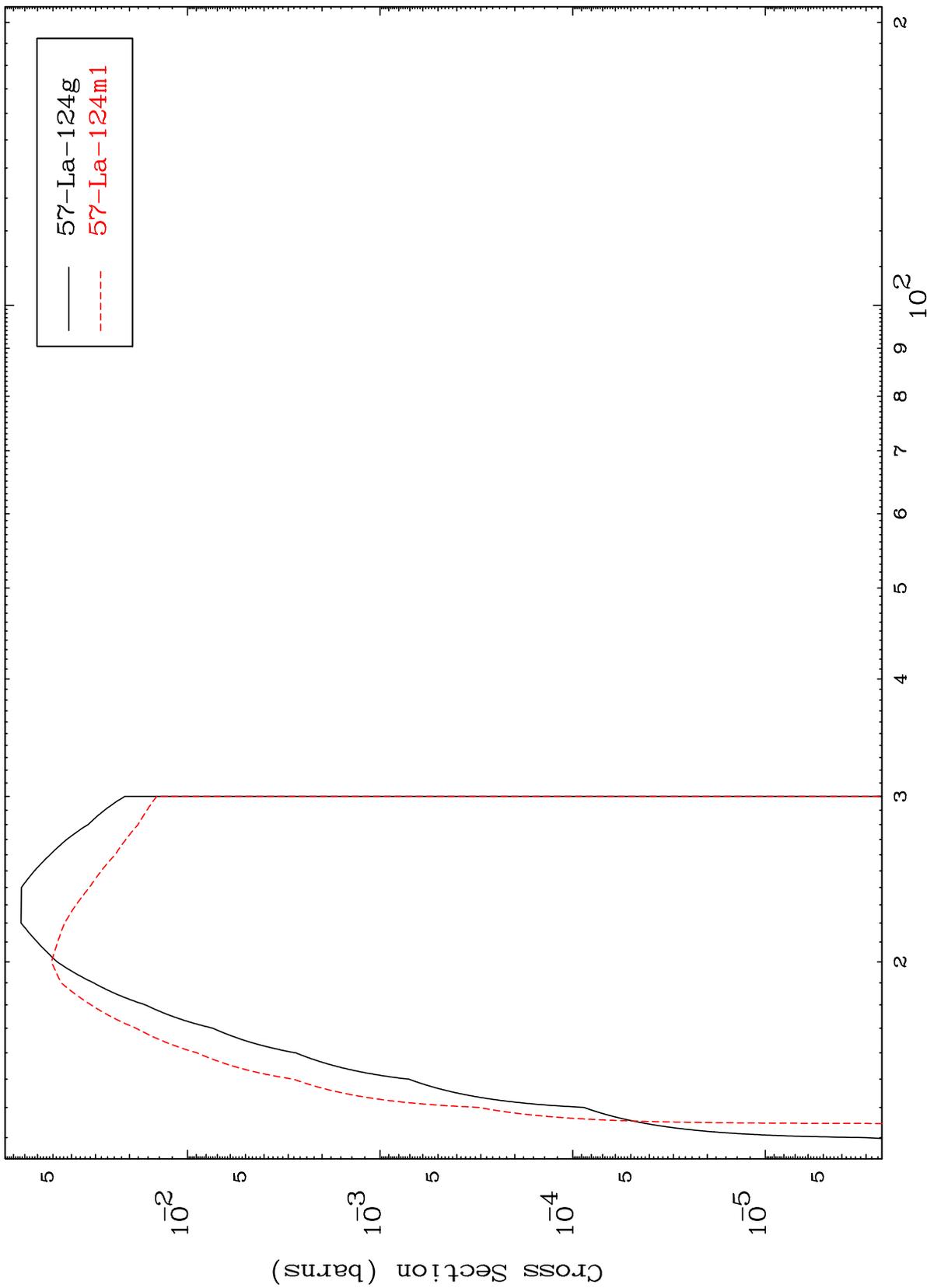
Incident Energy (MeV)

55-Cs-121m

MAT 5490

55-Cs-121m

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

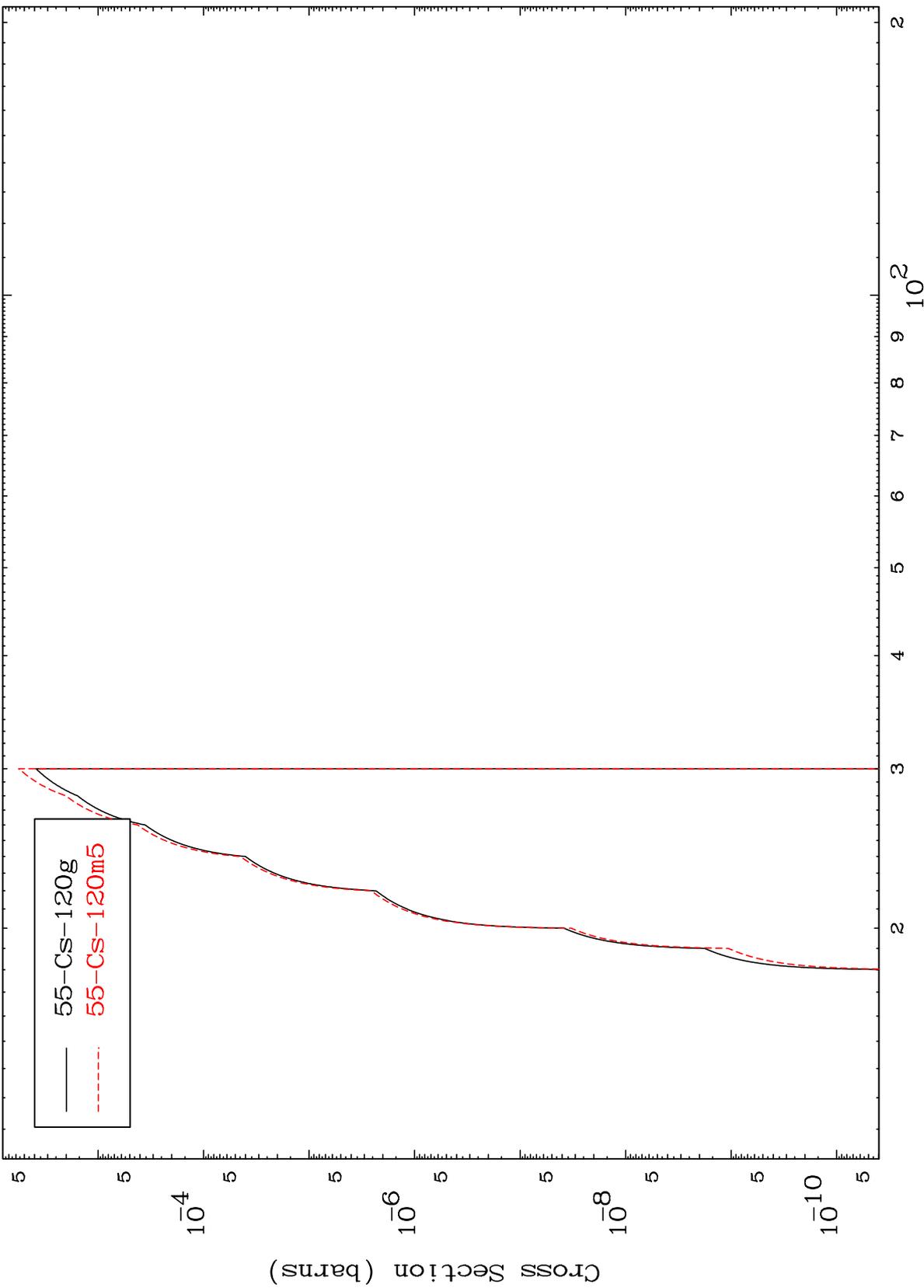
55-Cs-121m

MAT 5490

(n,n') α

55-Cs-121m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

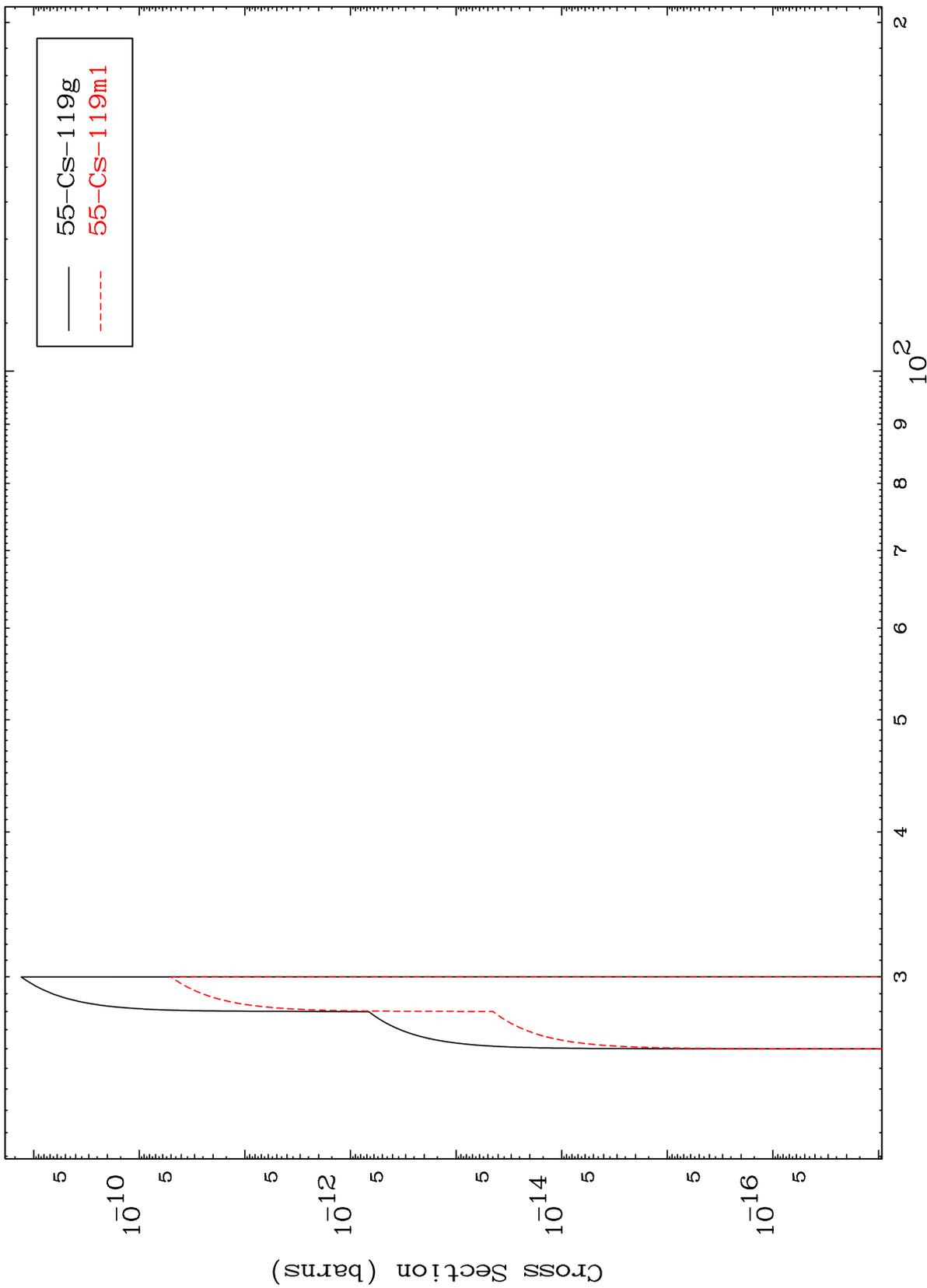
55-Cs-121m

MAT 5490

(n,2n) α

55-Cs-121m

Radionuclide Production Cross Section



13

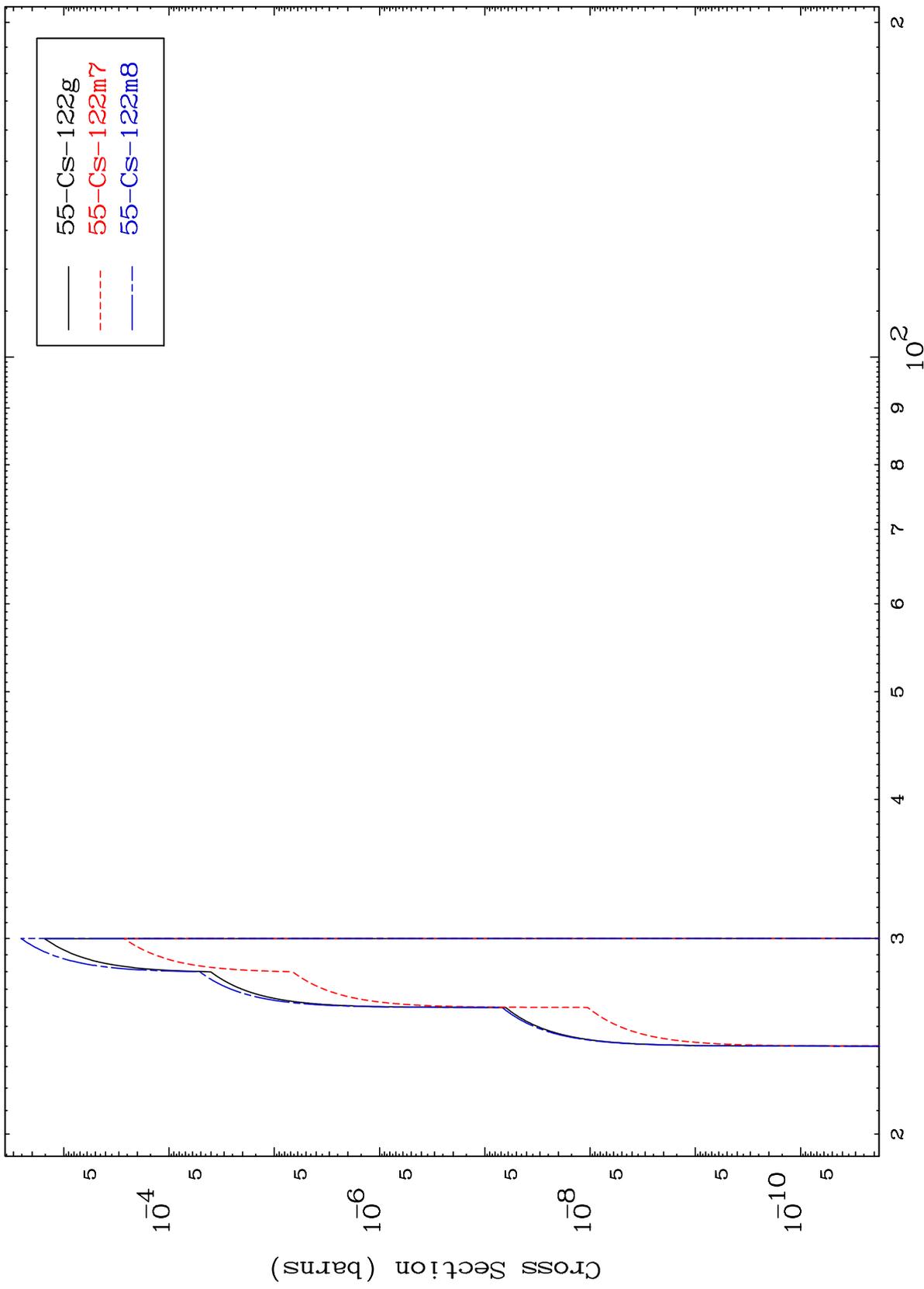
Incident Energy (MeV)

55-Cs-121m

MAT 5490

55-Cs-121m

(n,2n) p
Radionuclide Production Cross Section



55-Cs-121m

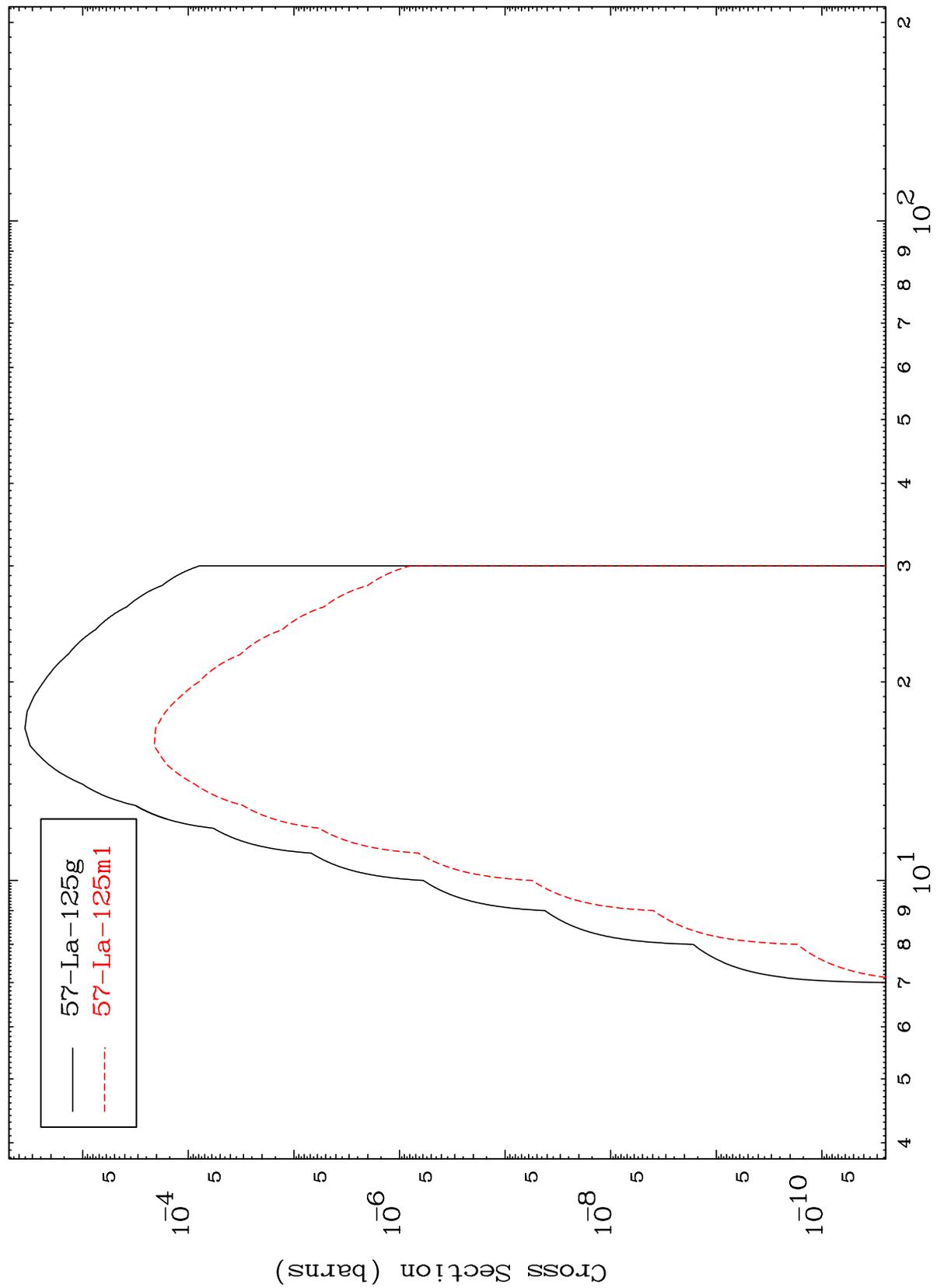
Incident Energy (MeV)

14

MAT 5490

55-Cs-121m

(n,γ)
Radionuclide Production Cross Section



— 57-La-125g
- - - 57-La-125m1

55-Cs-121m

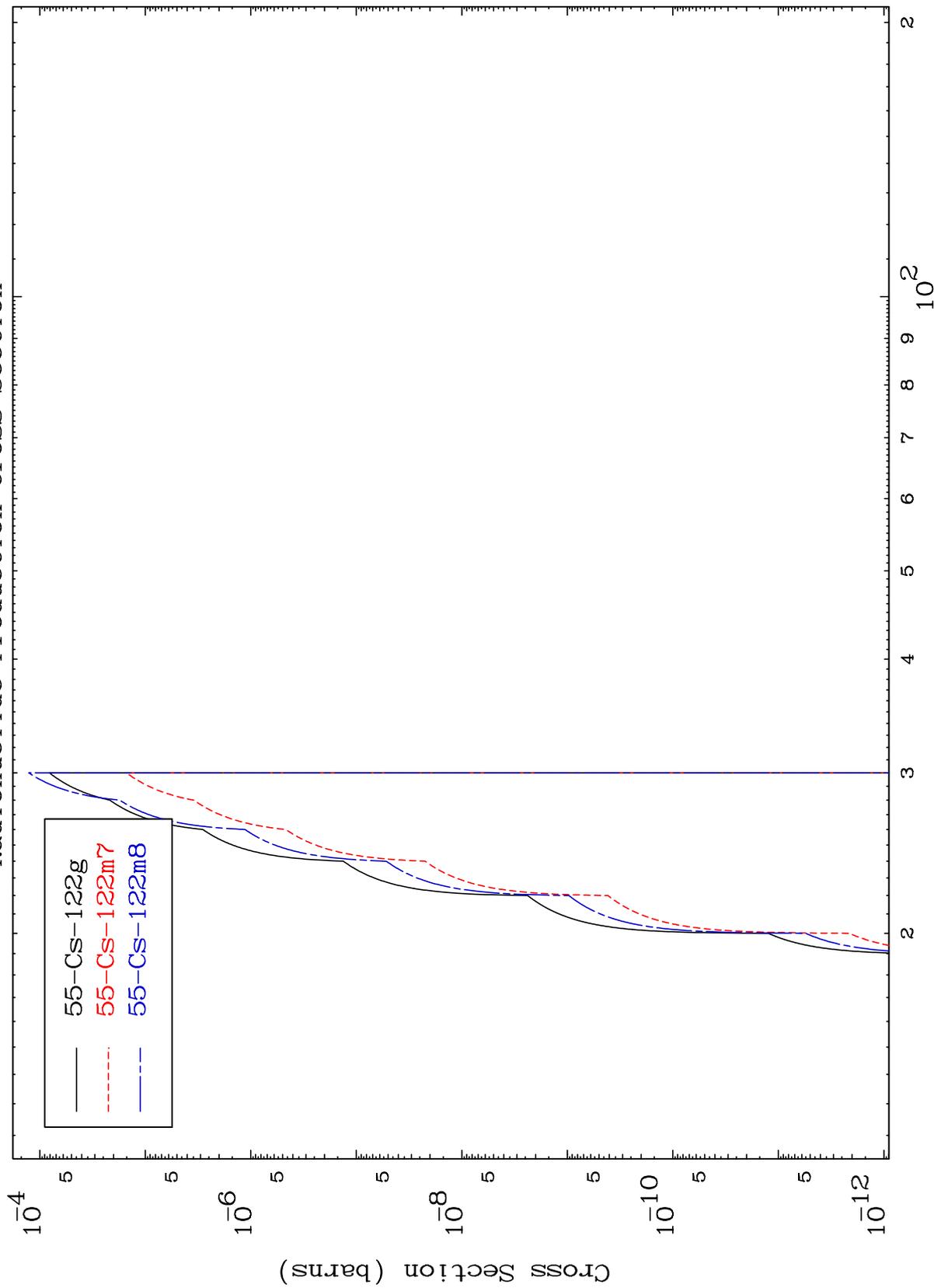
Incident Energy (MeV)

15

MAT 5490

55-Cs-121m

(n,He-3)
Radionuclide Production Cross Section



55-Cs-121m

Incident Energy (MeV)

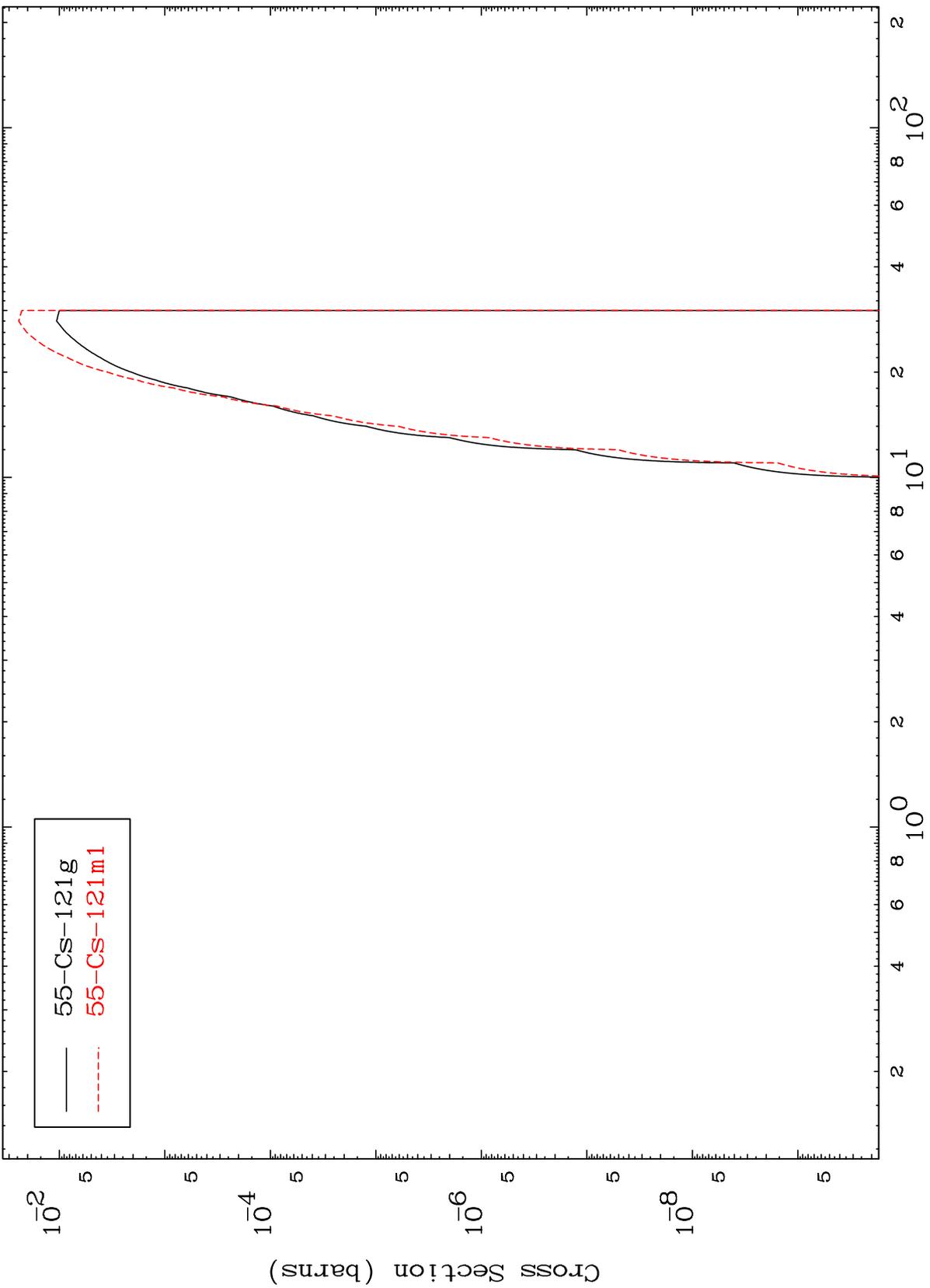
16

MAT 5490

(n, α)

55-Cs-121m

Radionuclide Production Cross Section

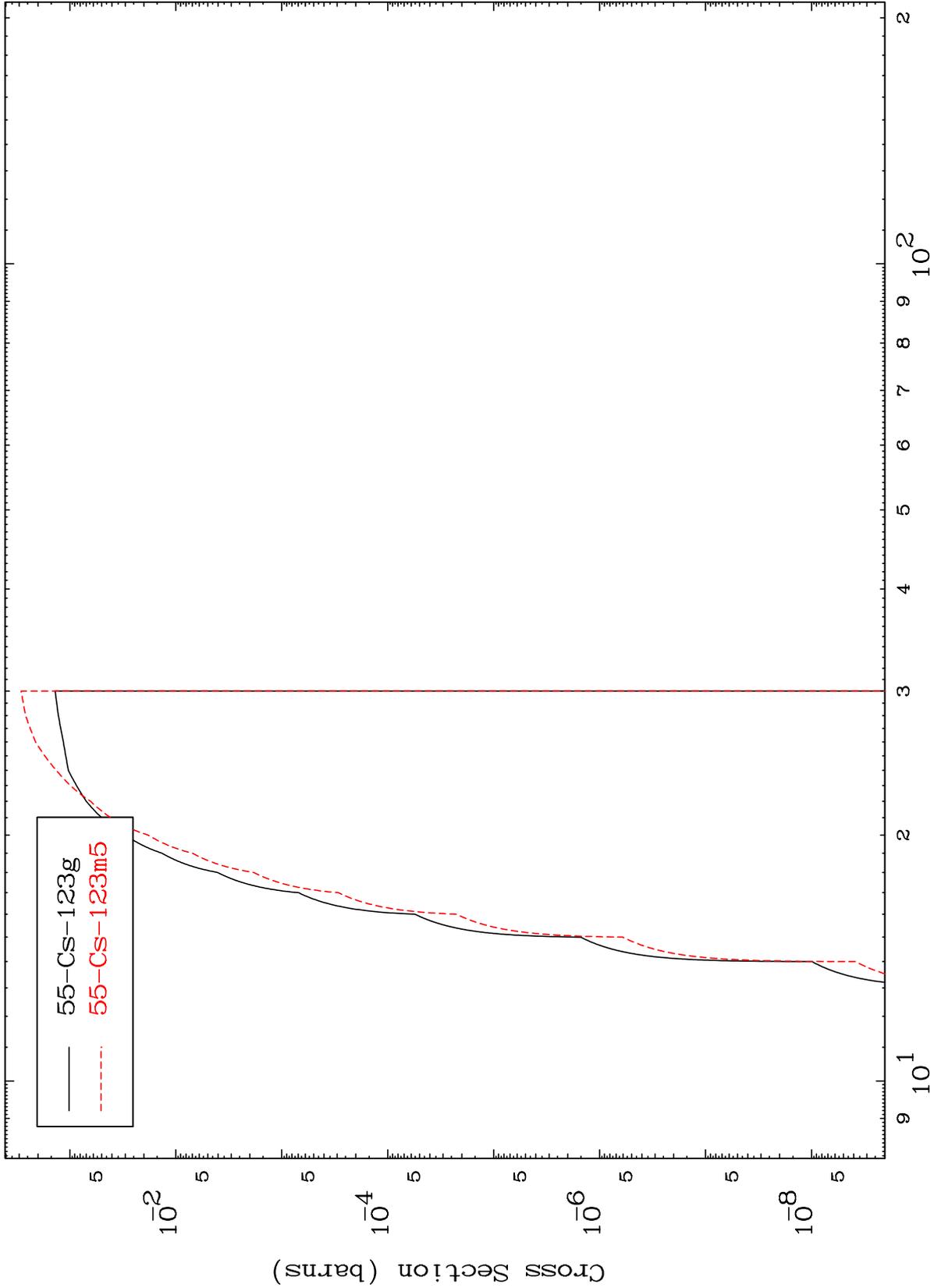


55-Cs-121g
55-Cs-121m1

MAT 5490

55-Cs-121m

(n,2p)
Radionuclide Production Cross Section



55-Cs-121m

Incident Energy (MeV)

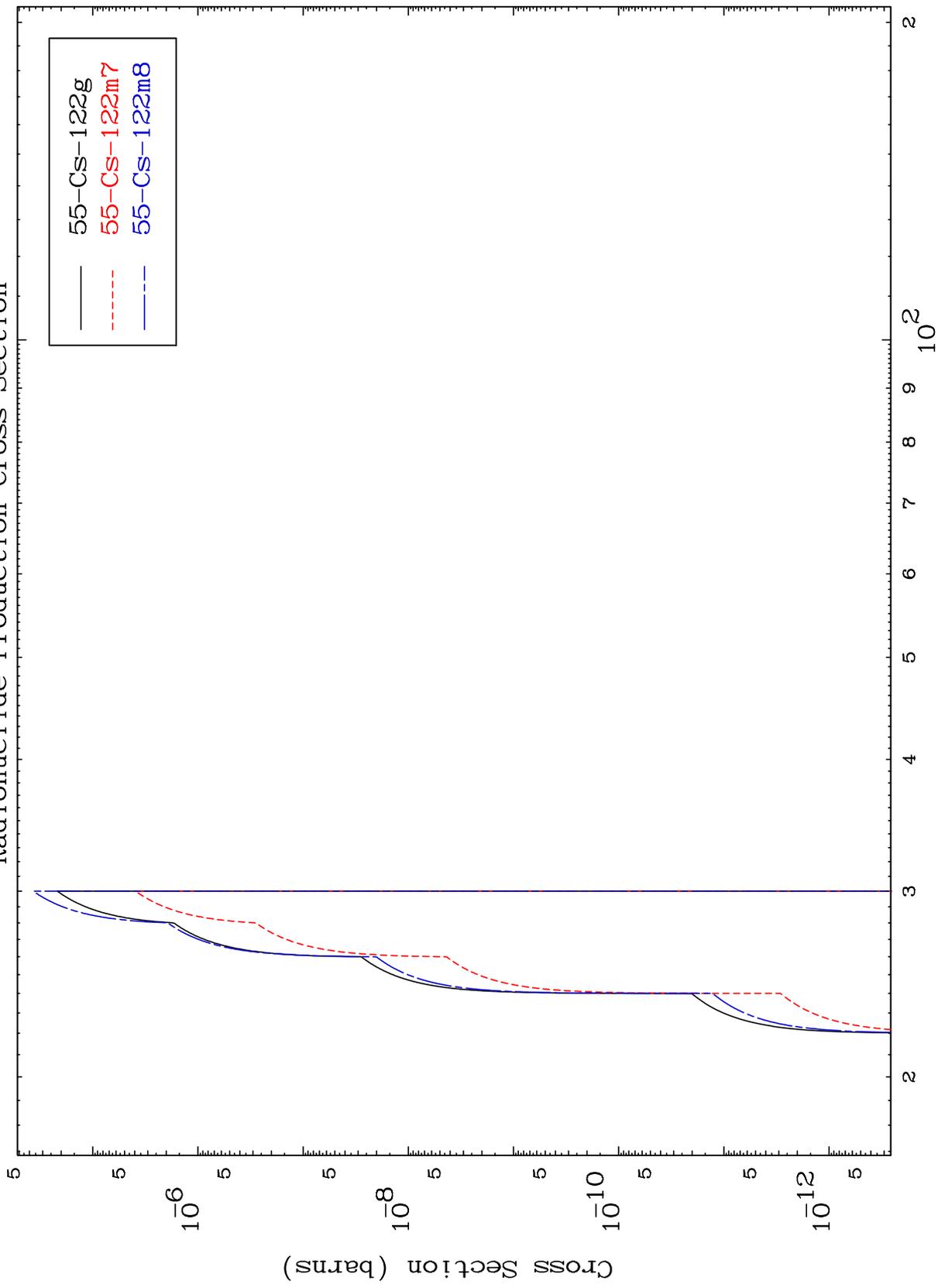
18

MAT 5490

(n,p) d

55-Cs-121m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

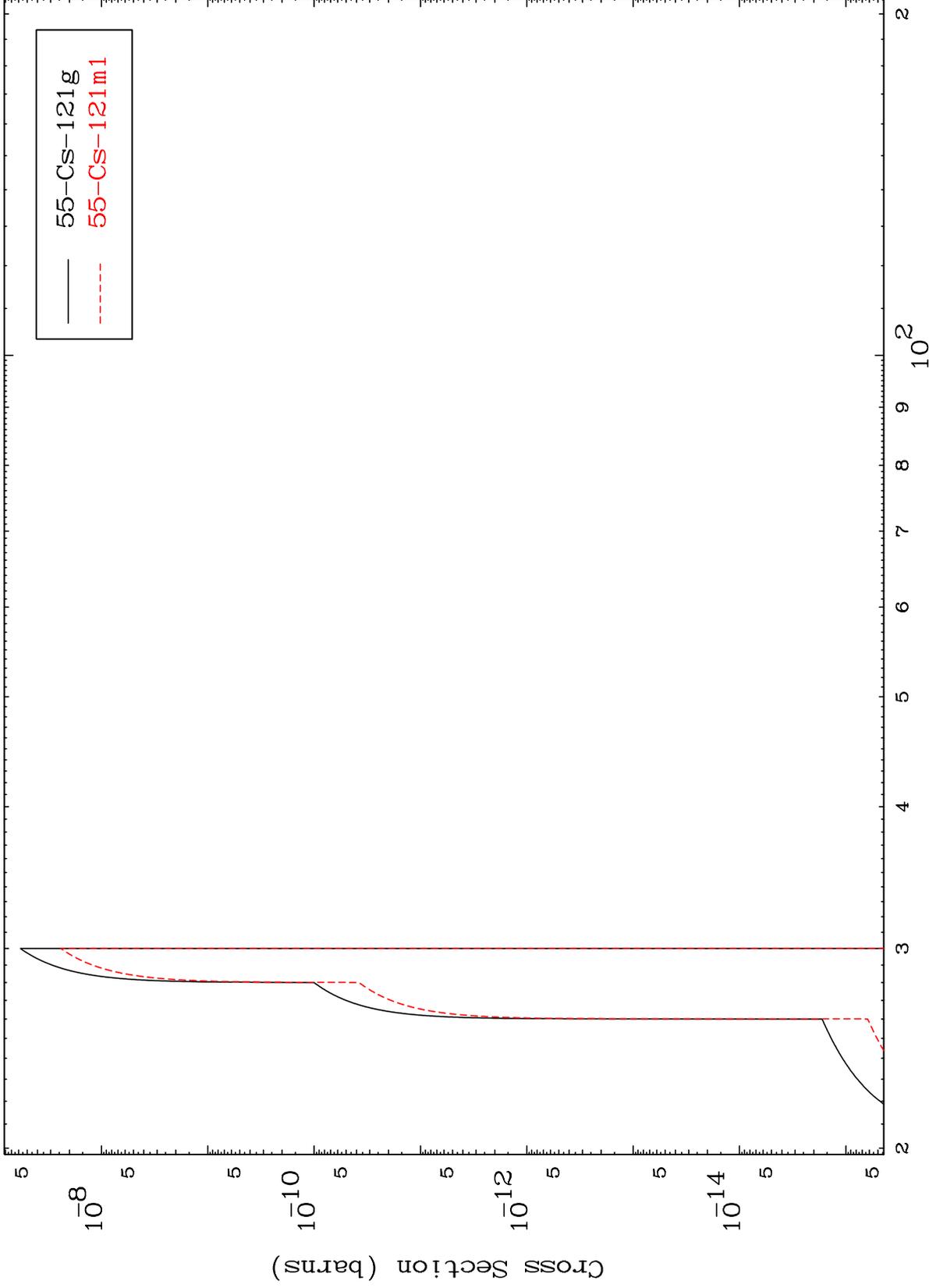
55-Cs-121m

MAT 5490

(n,p) t

55-Cs-121m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-121m