

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

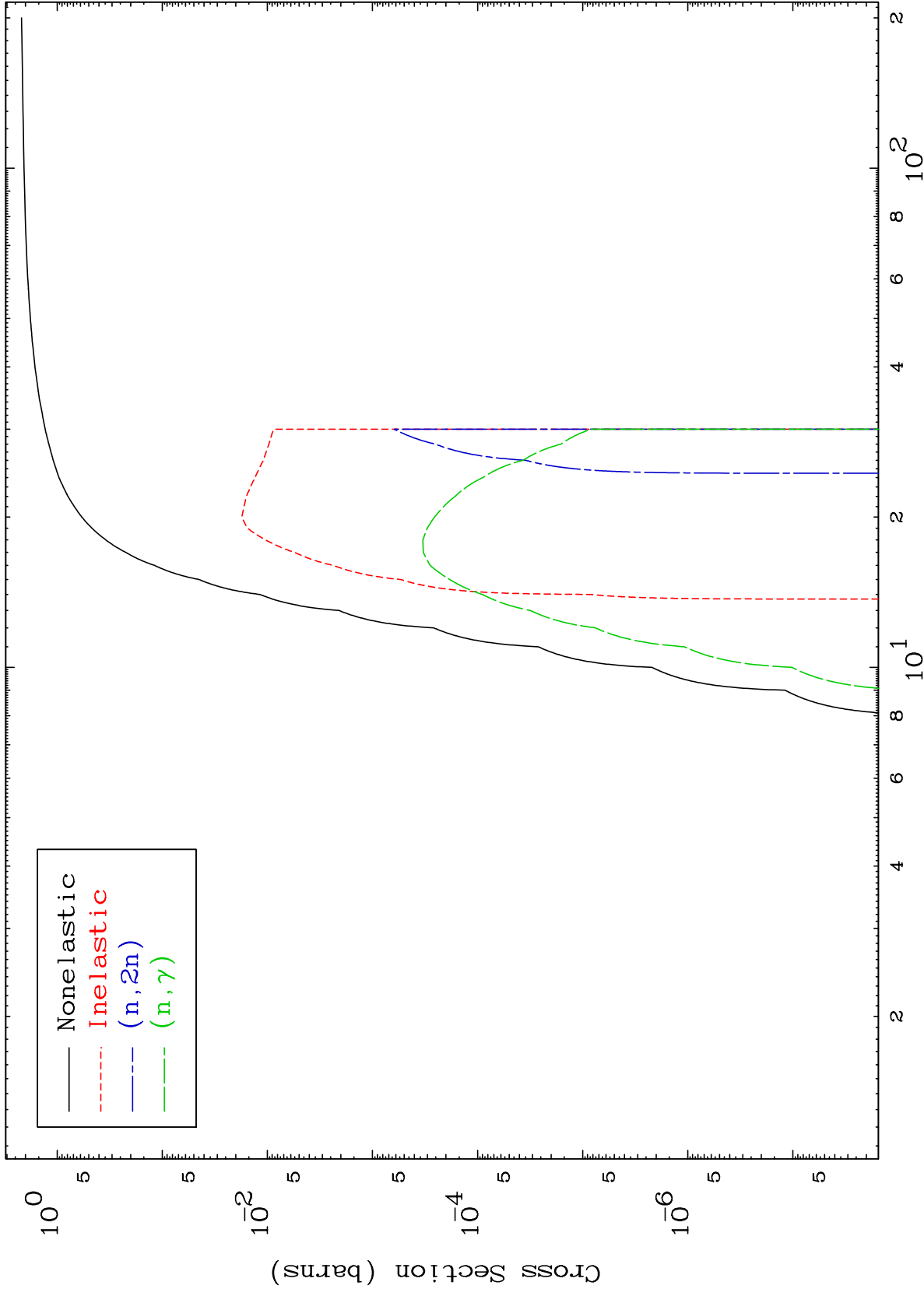
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5484

0 Kelvin Cross Sections

55-Cs-119m



55-Cs-119m

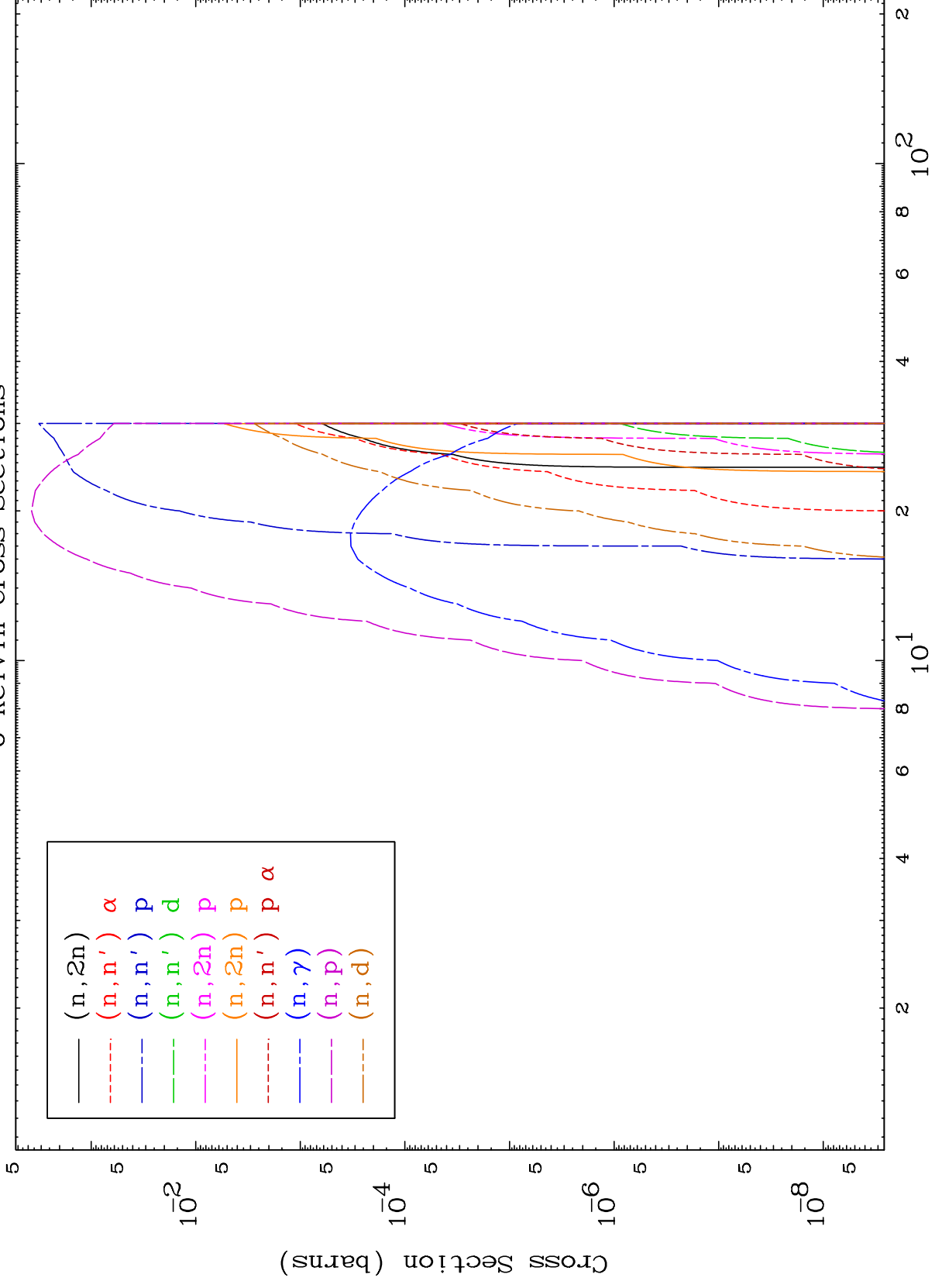
Incident Energy (MeV)

1

MAT 5484

α Neutron Absorption
0 Kelvin Cross Sections

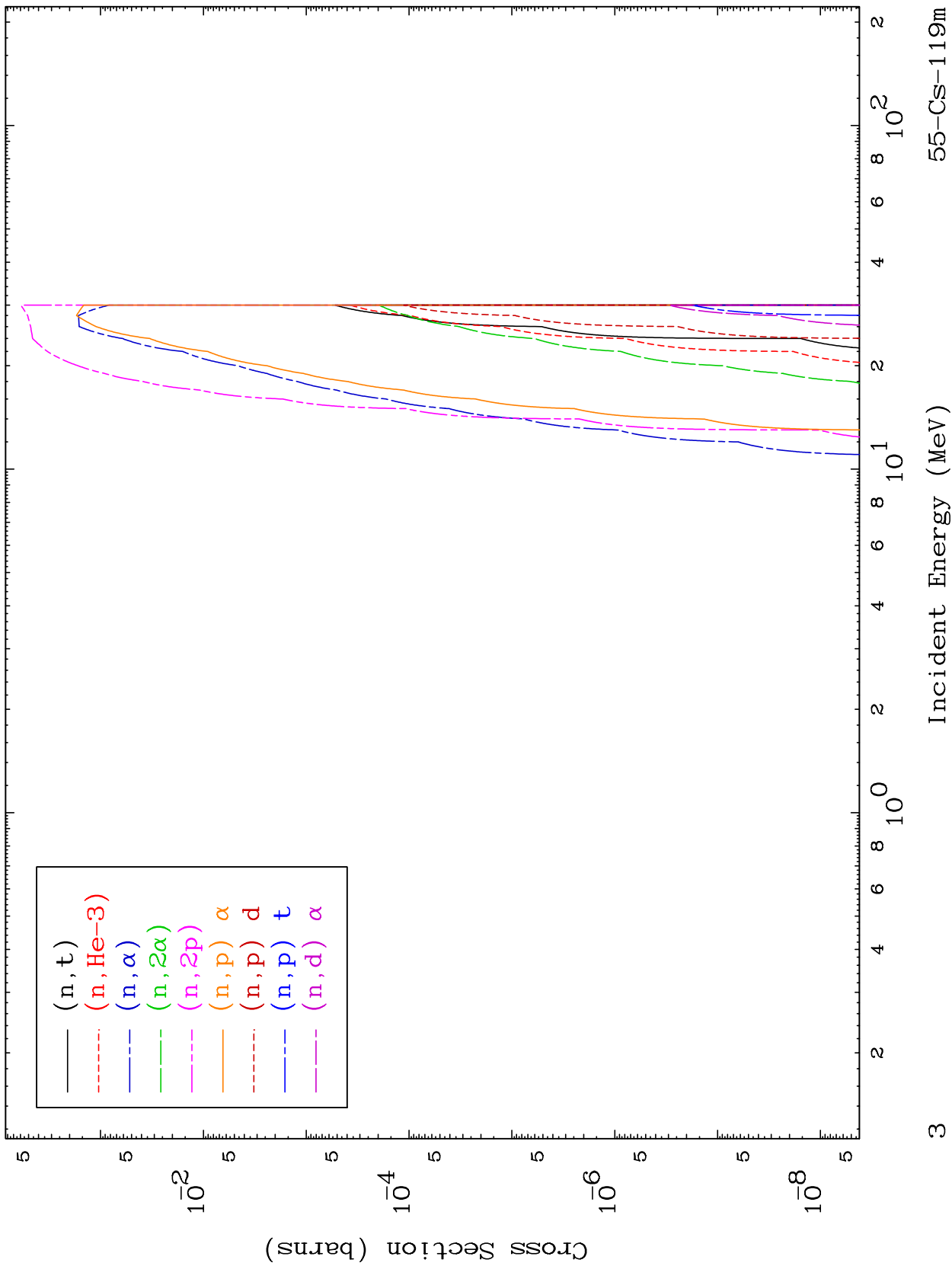
55-Cs-119m

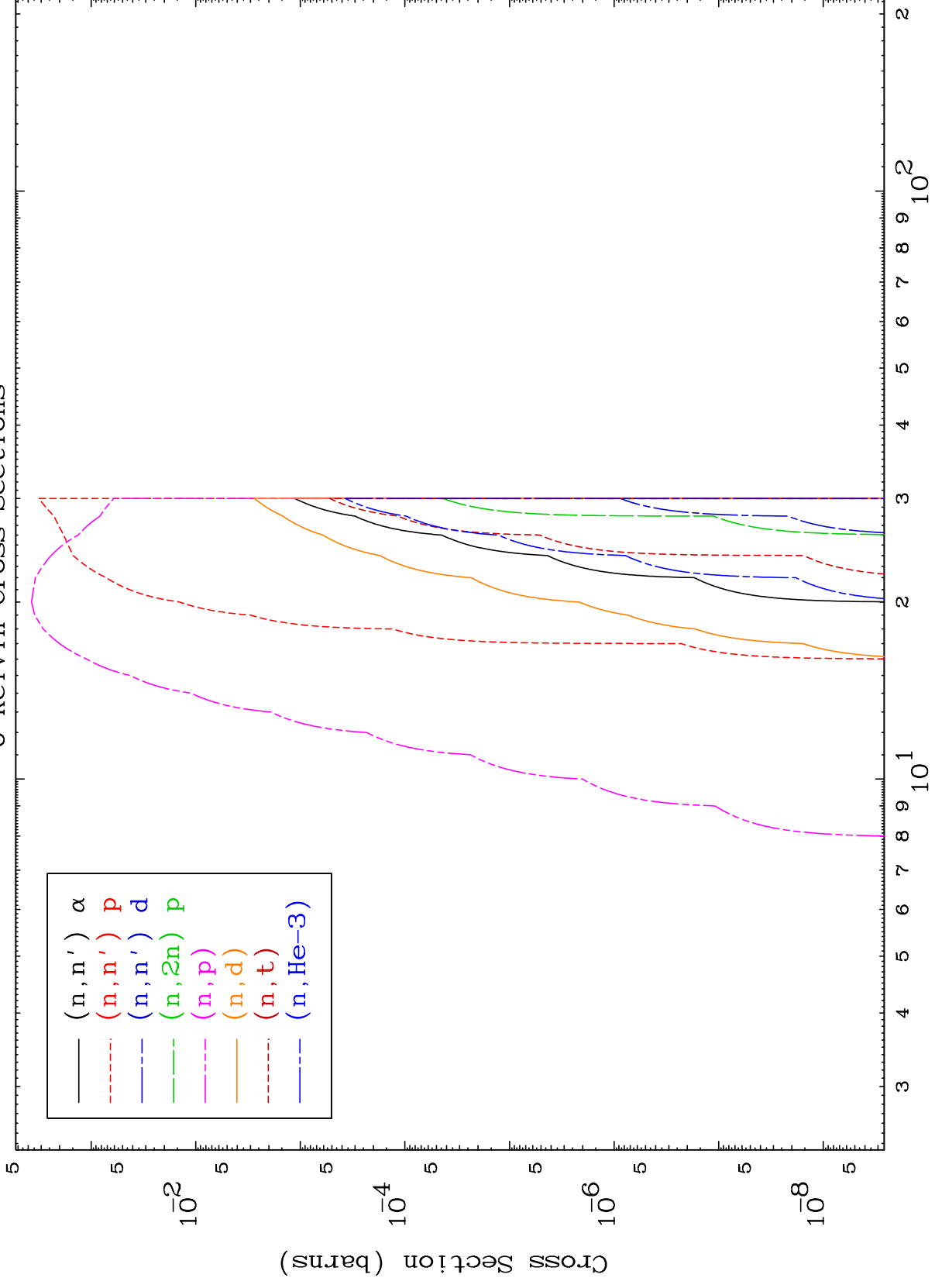


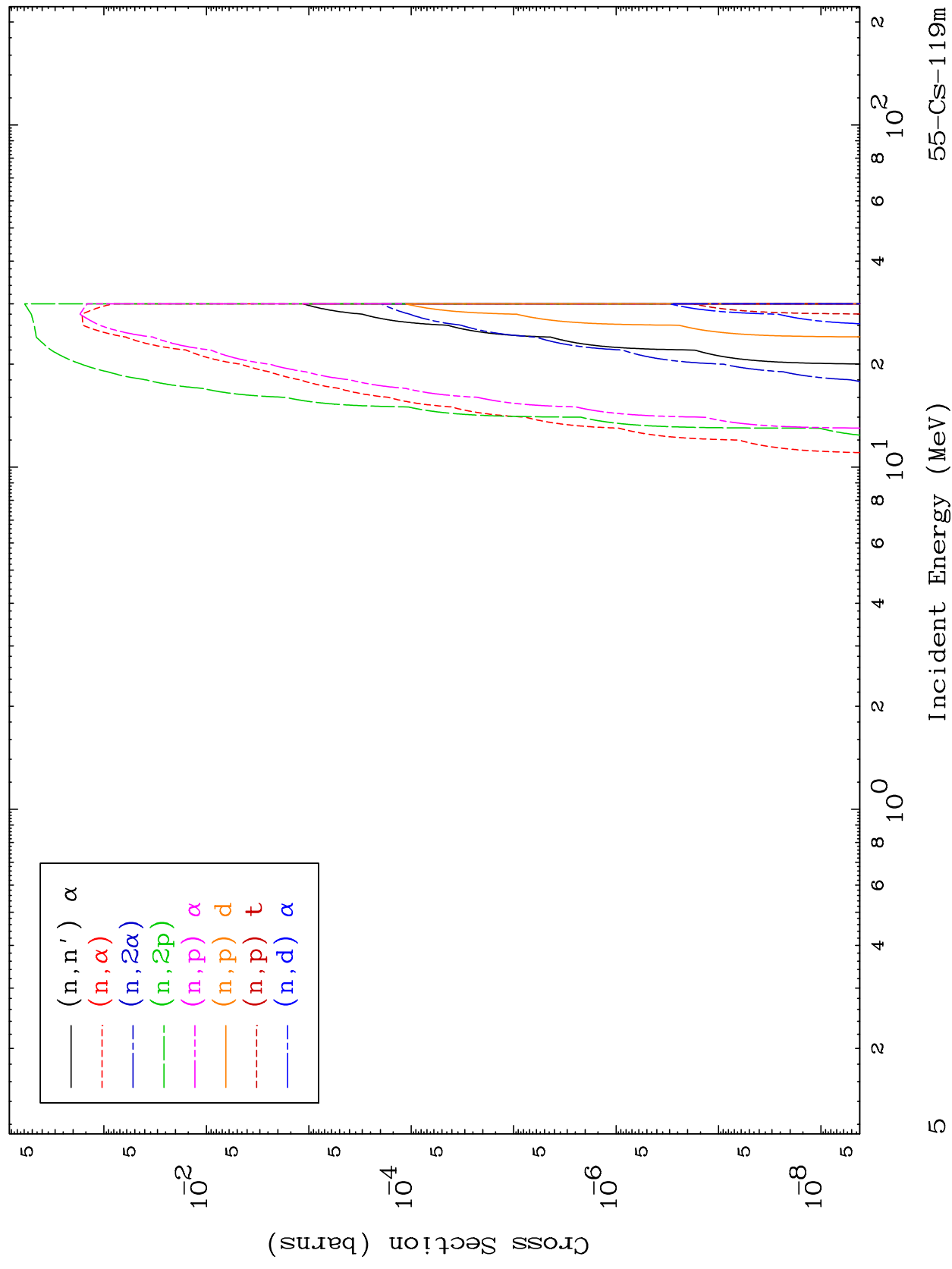
MAT 5484

α Neutron Absorption
0 Kelvin Cross Sections

55-Cs-119m





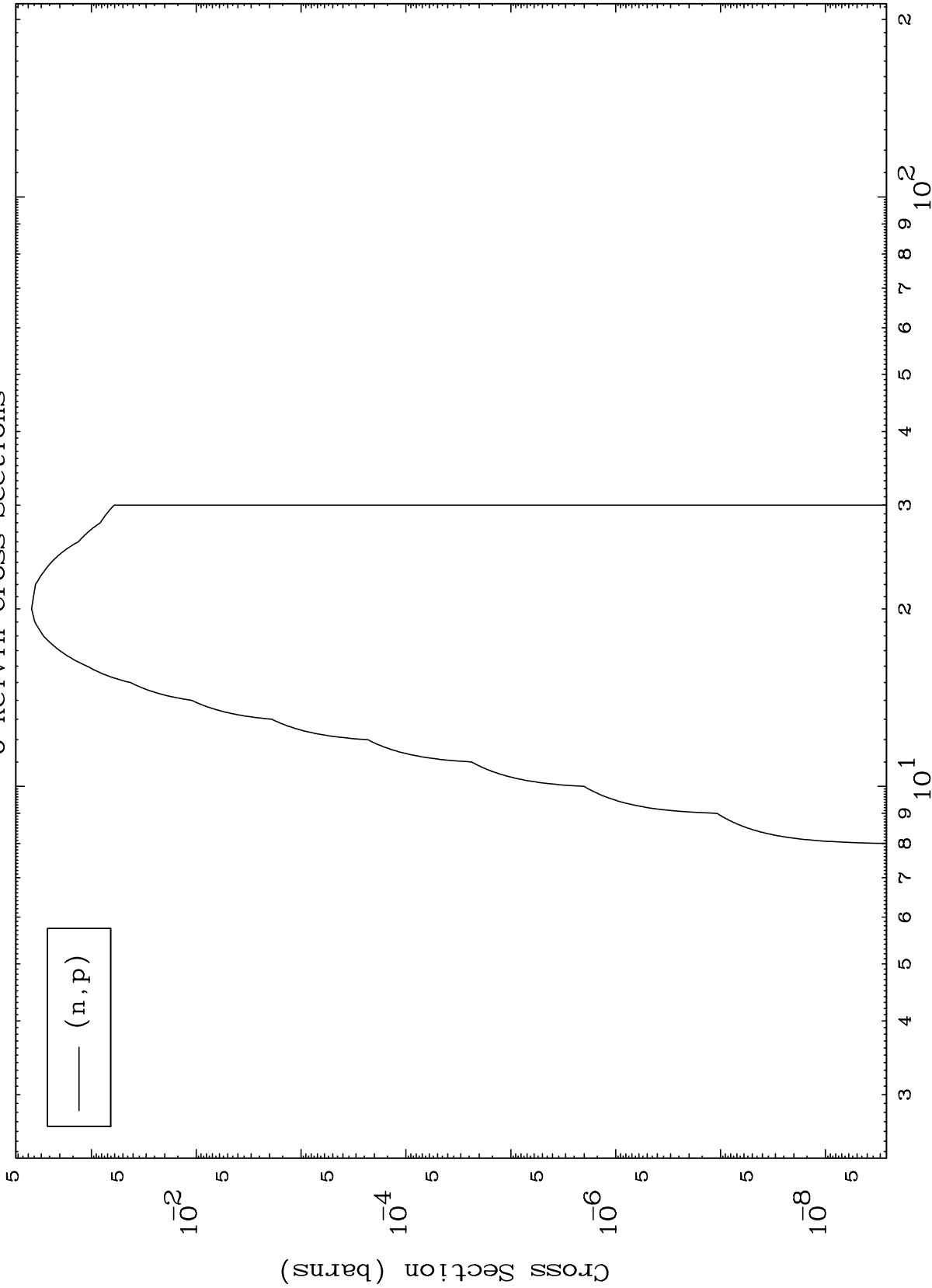


MAT 5484

(α, p) Levels

55-Cs-119m

0 Kelvin Cross Sections



Incident Energy (MeV)

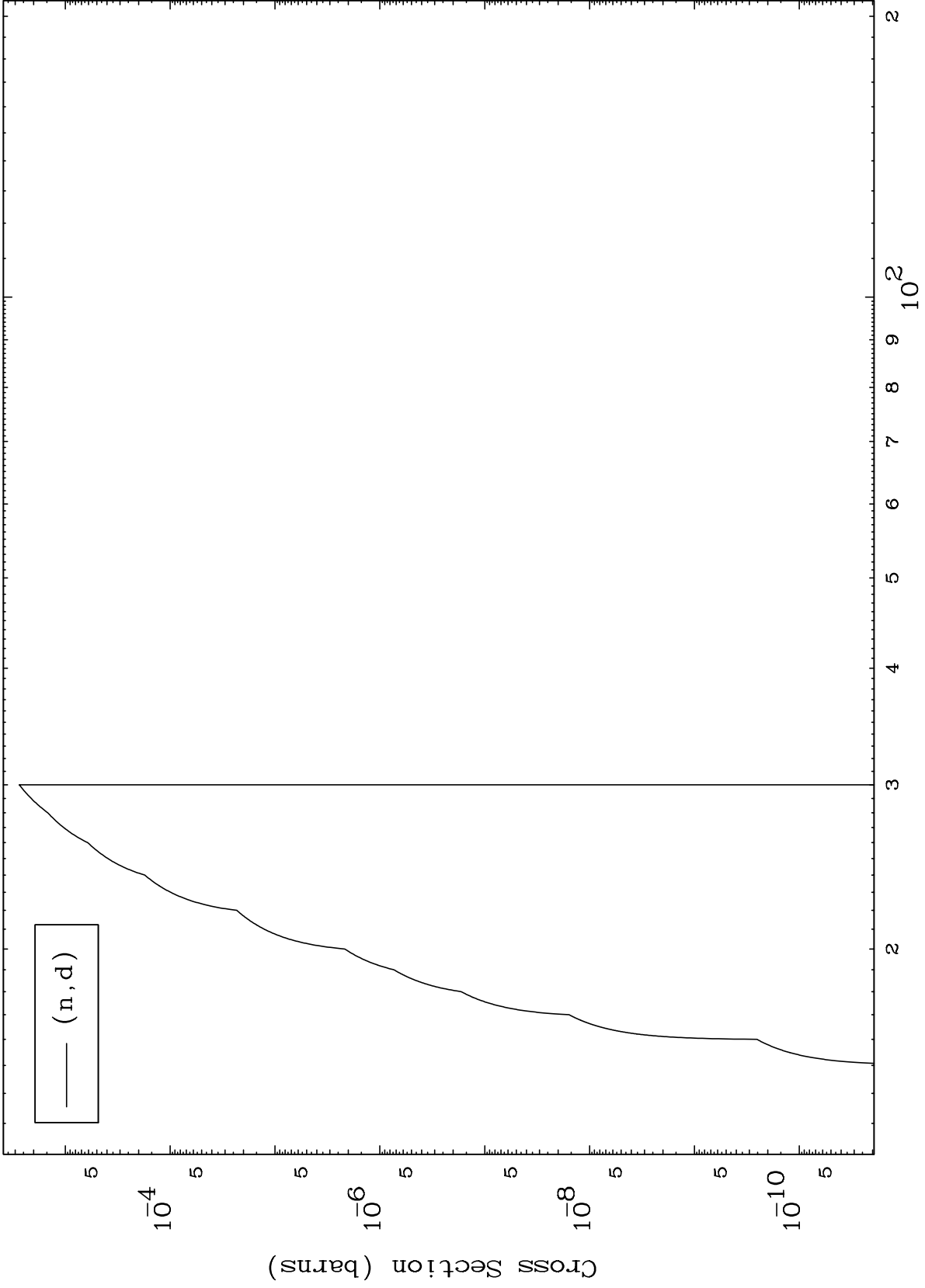
55-Cs-119m

6

MAT 5484

(α, d) Levels
0 Kelvin Cross Sections

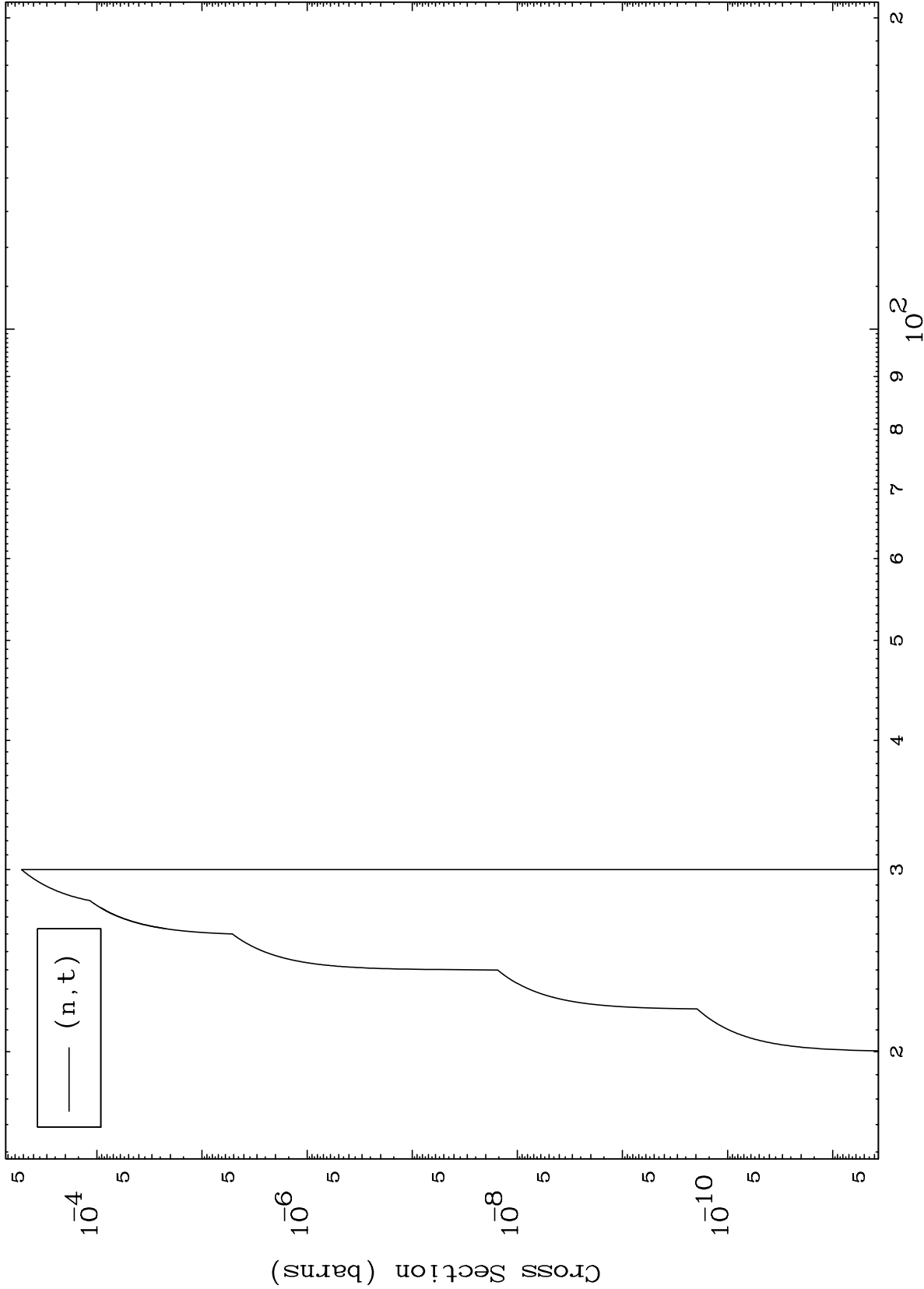
55-Cs-119m



MAT 5484

(α, t) Levels
0 Kelvin Cross Sections

55-Cs-119m



8

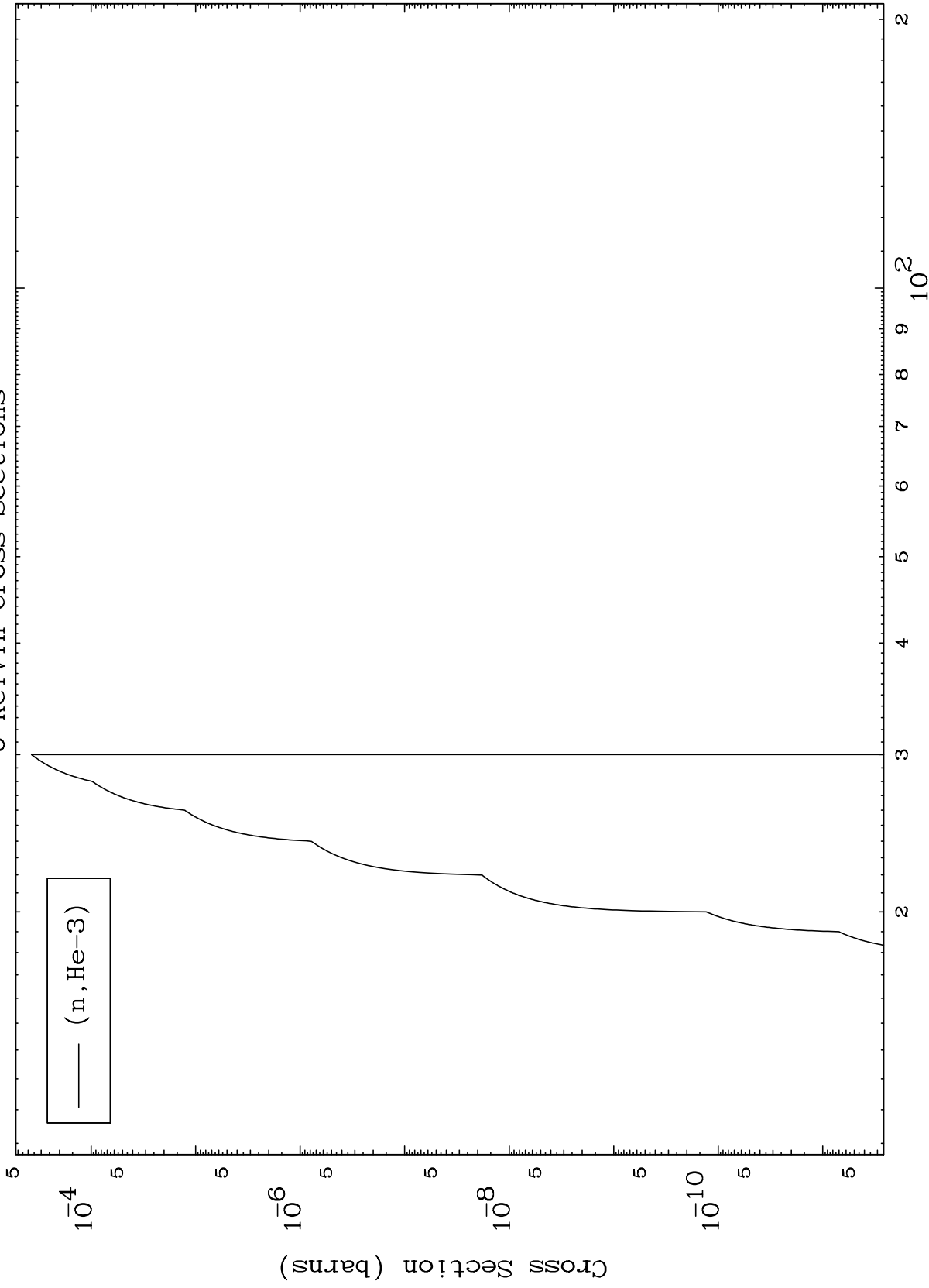
Incident Energy (MeV)

55-Cs-119m

MAT 5484

(α , He3) Levels
0 Kelvin Cross Sections

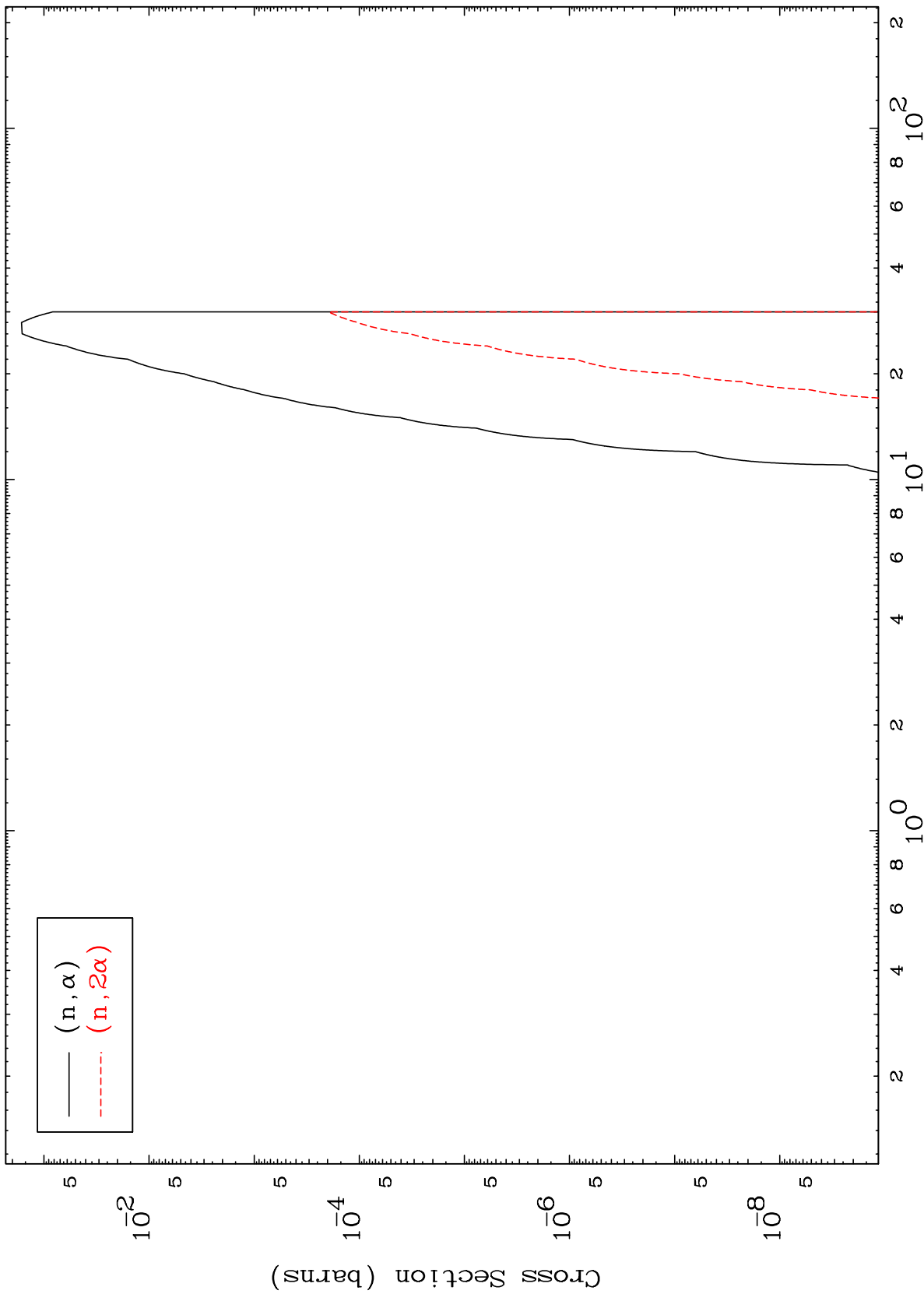
55-Cs-119m



MAT 5484

(α, α) Levels
0 Kelvin Cross Sections

55-Cs-119m



10

Incident Energy (MeV)

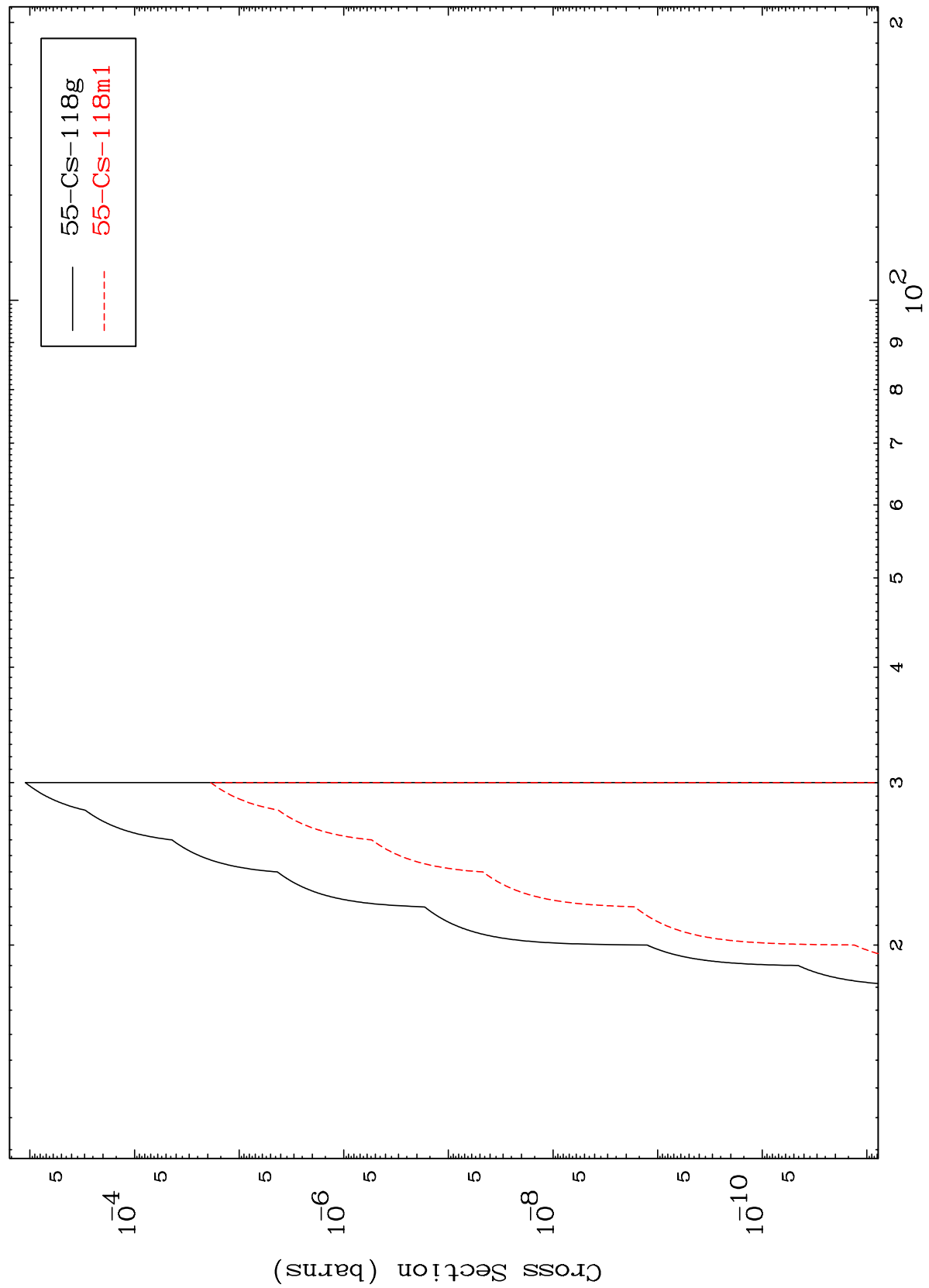
55-Cs-119m

MAT 5484

$(n, n') \alpha$

55-Cs-119m

Radionuclide Production Cross Section

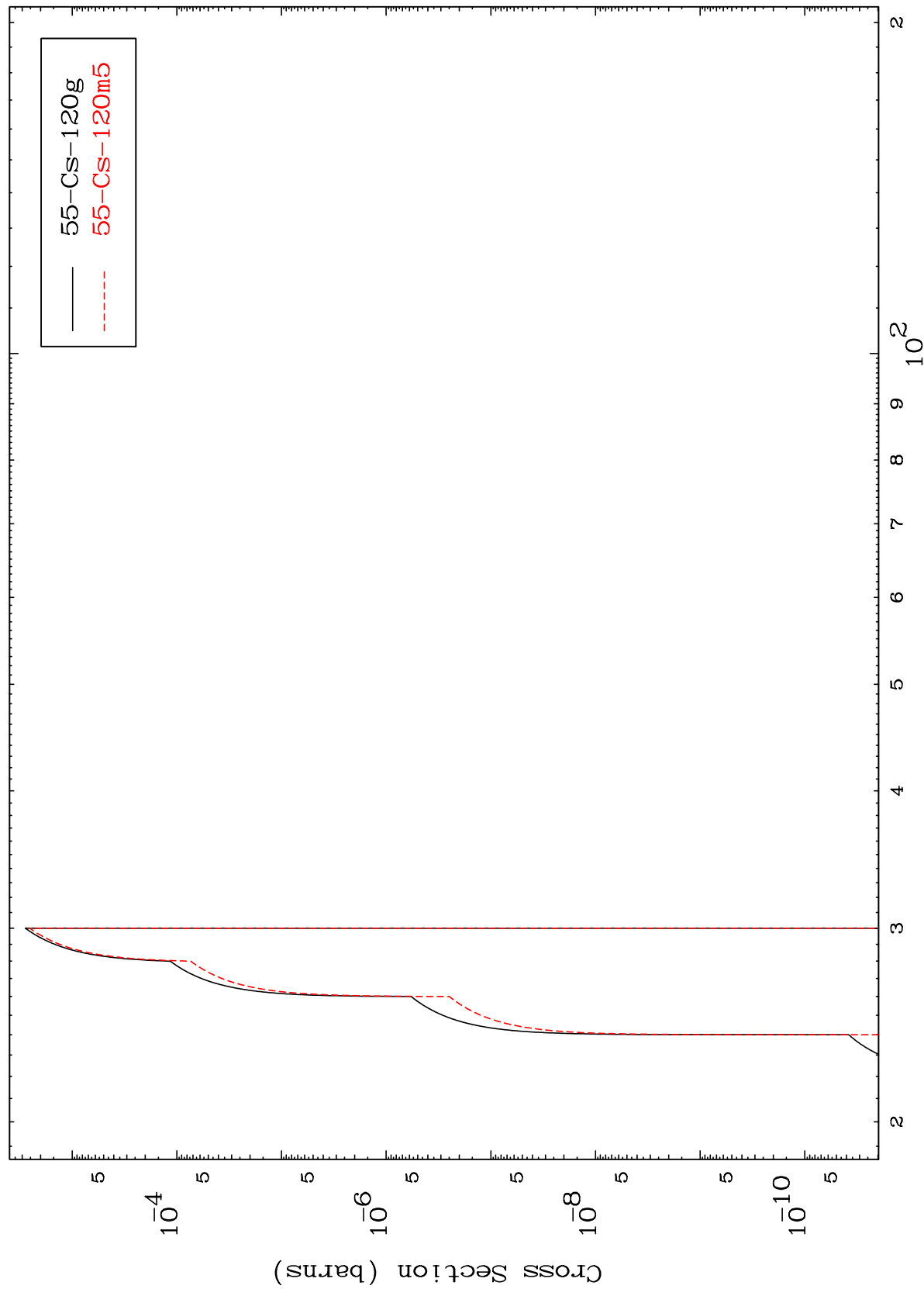


MAT 5484

(n,2n) p

55-Cs-119m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

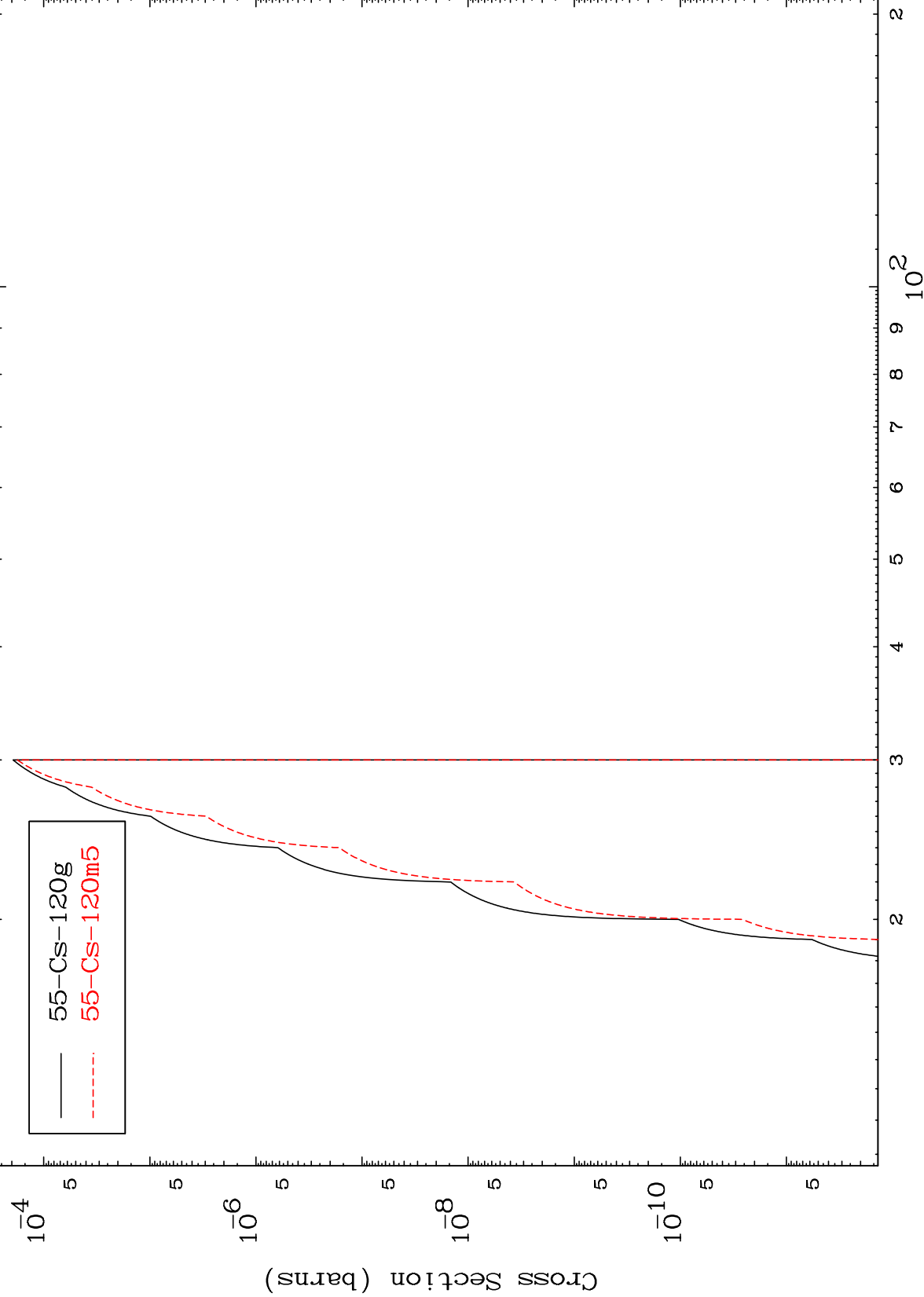
55-Cs-119m

MAT 5484

(n,He-3)

55-Cs-119m

Radionuclide Production Cross Section



Incident Energy (MeV)

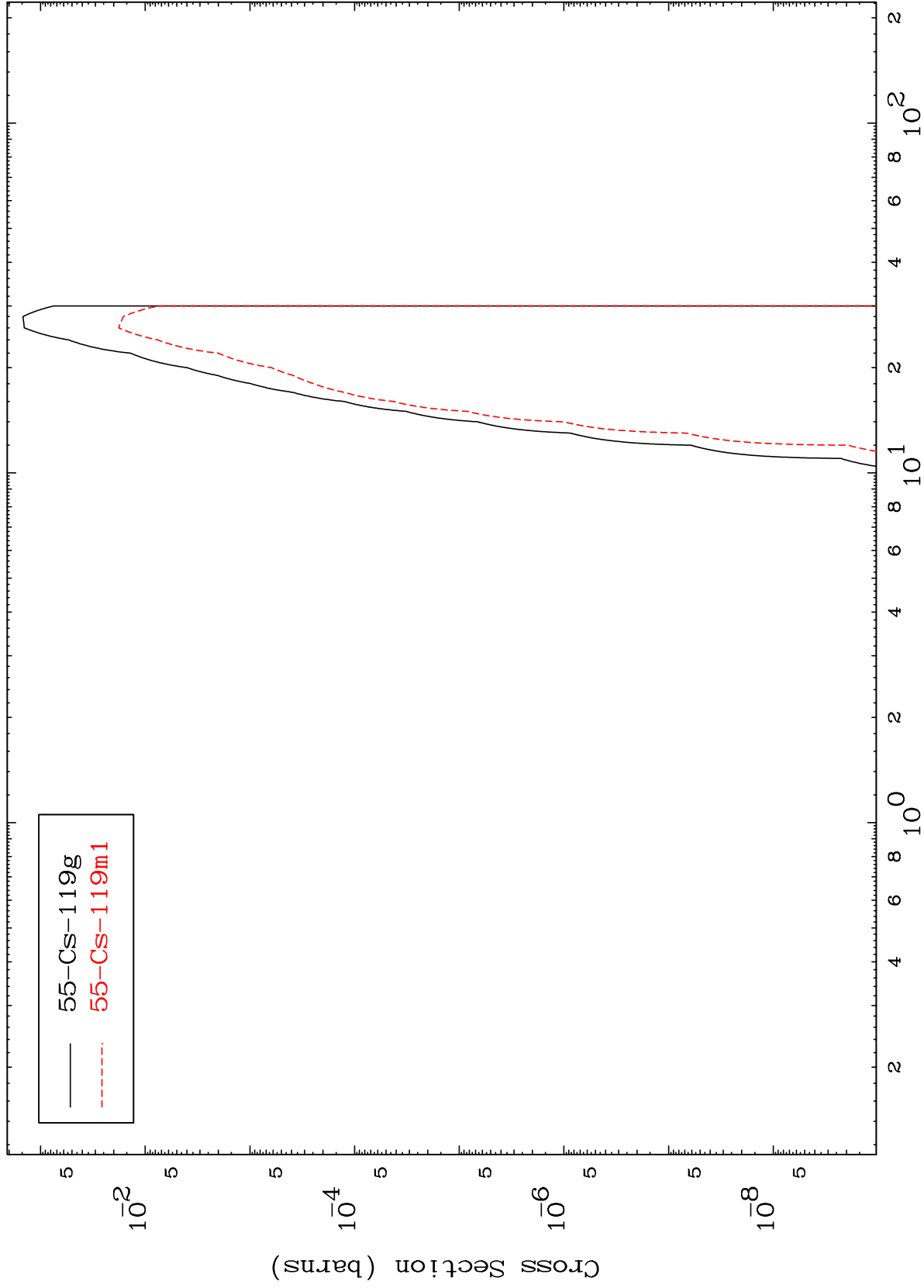
55-Cs-119m

13

MAT 5484

55-Cs-119m

Radionuclide Production Cross Section



14

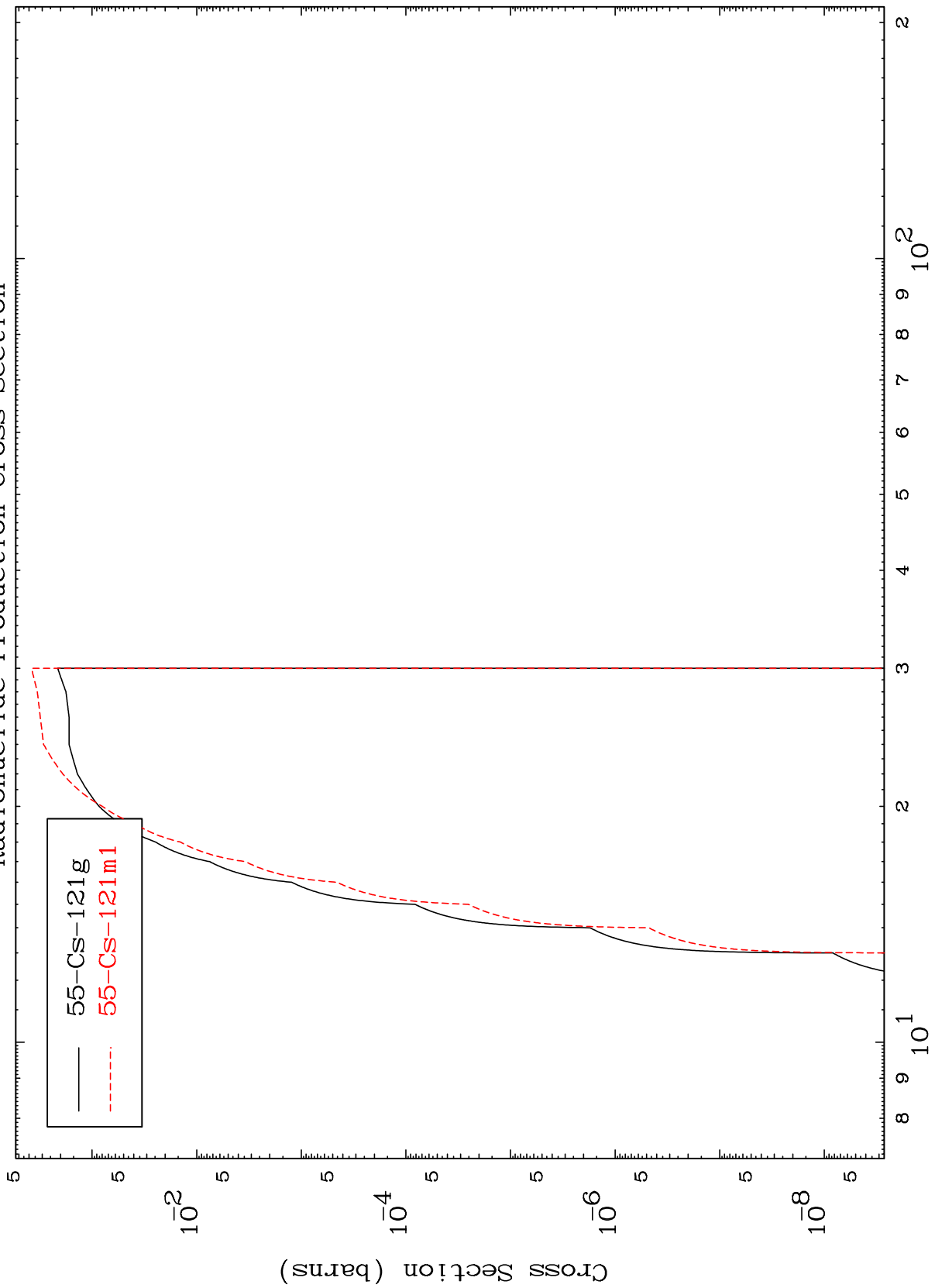
Incident Energy (MeV)

55-Cs-119m

MAT 5484

55-Cs-119m

Radionuclide Production Cross Section
(n,2p)



55-Cs-119m

Incident Energy (MeV)

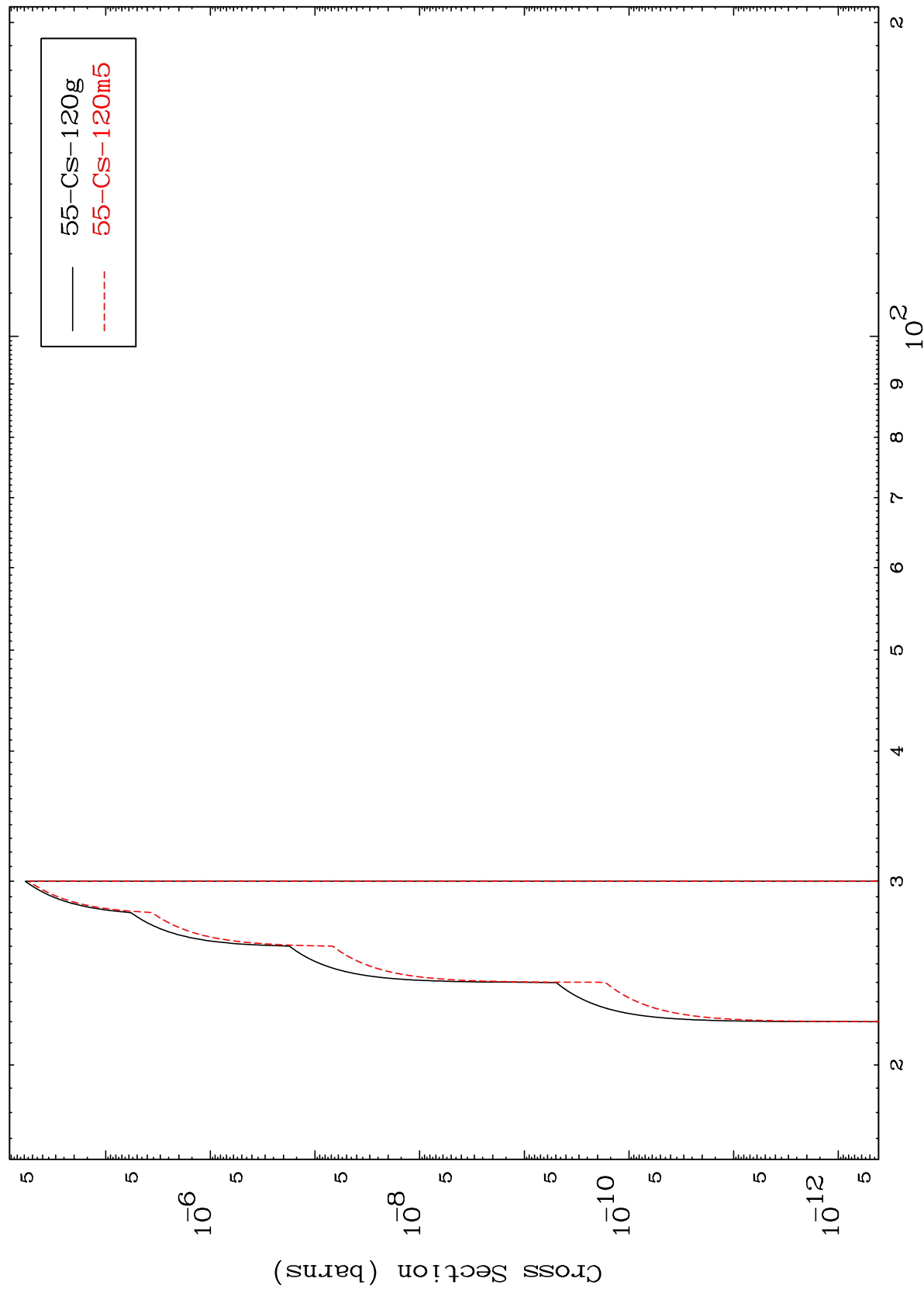
15

MAT 5484

(n,p) d

55-Cs-119m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

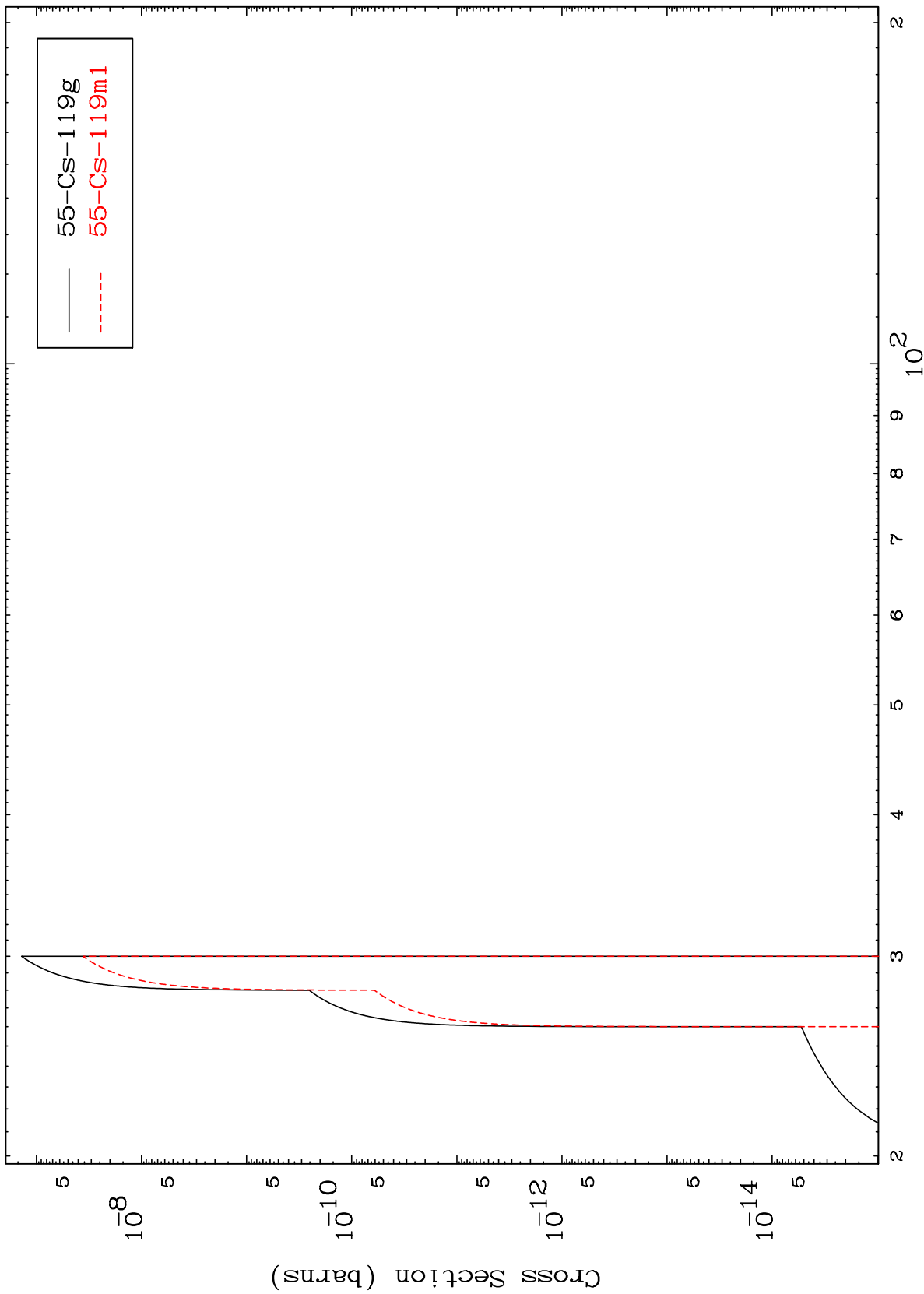
55-Cs-119m

MAT 5484

(n,p) t

55-Cs-119m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

55-Cs-119m