

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

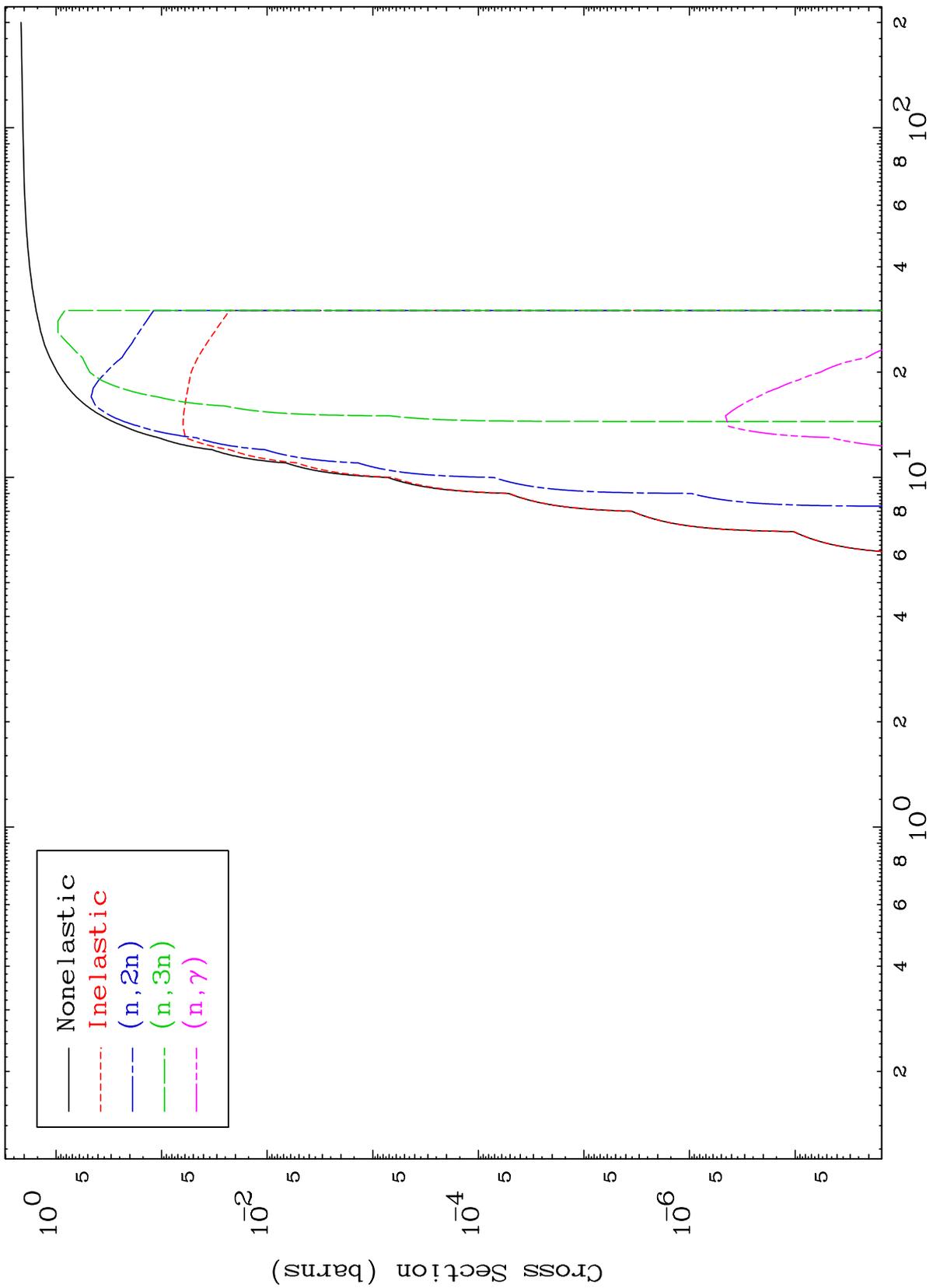
Press Mouse Button to Start

MAT 4553

α Major

45-Rh-112m

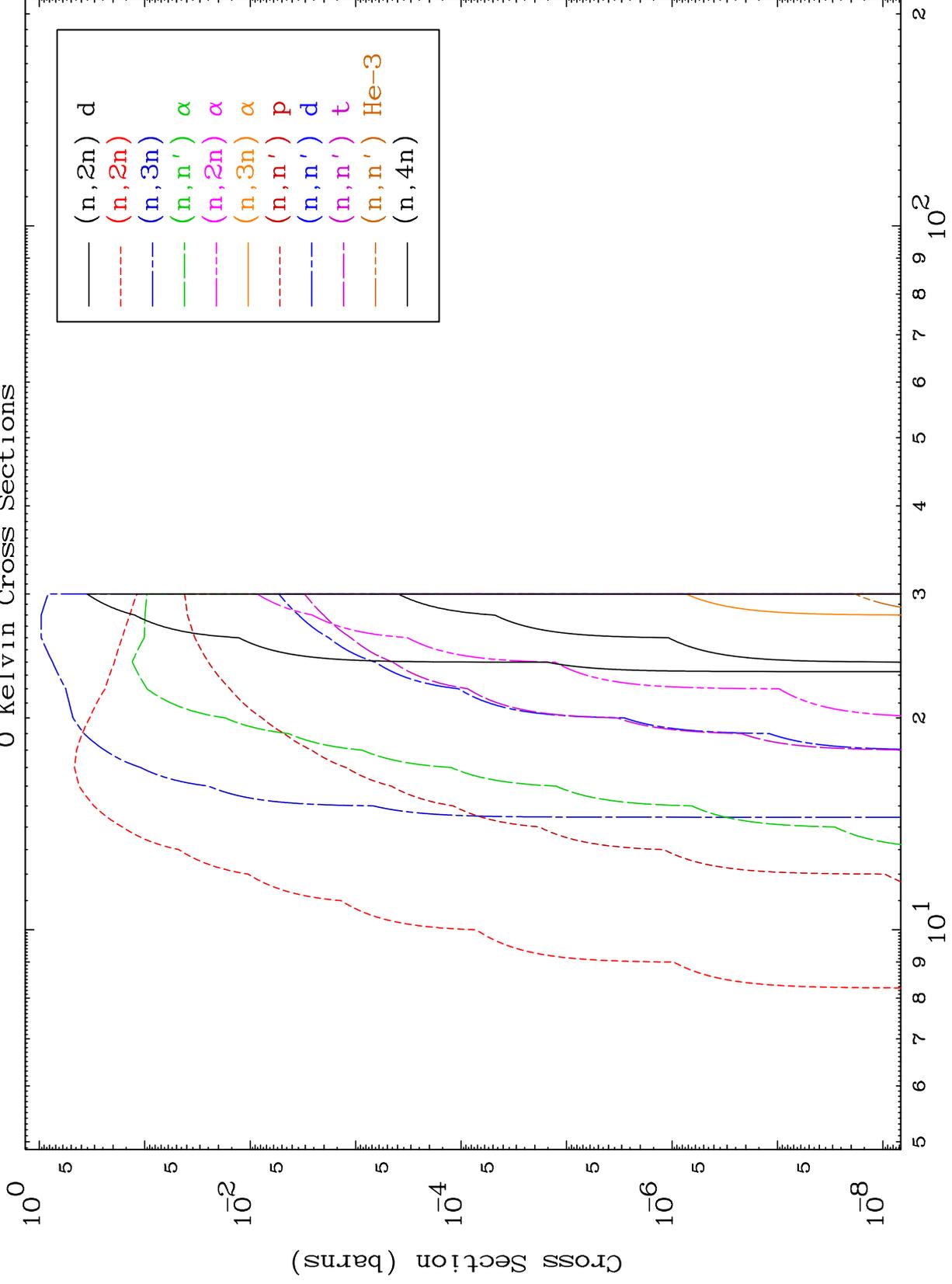
0 Kelvin Cross Sections



MAT 4553

α Neutron Absorption
0 Kelvin Cross Sections

45-Rh-112m



2

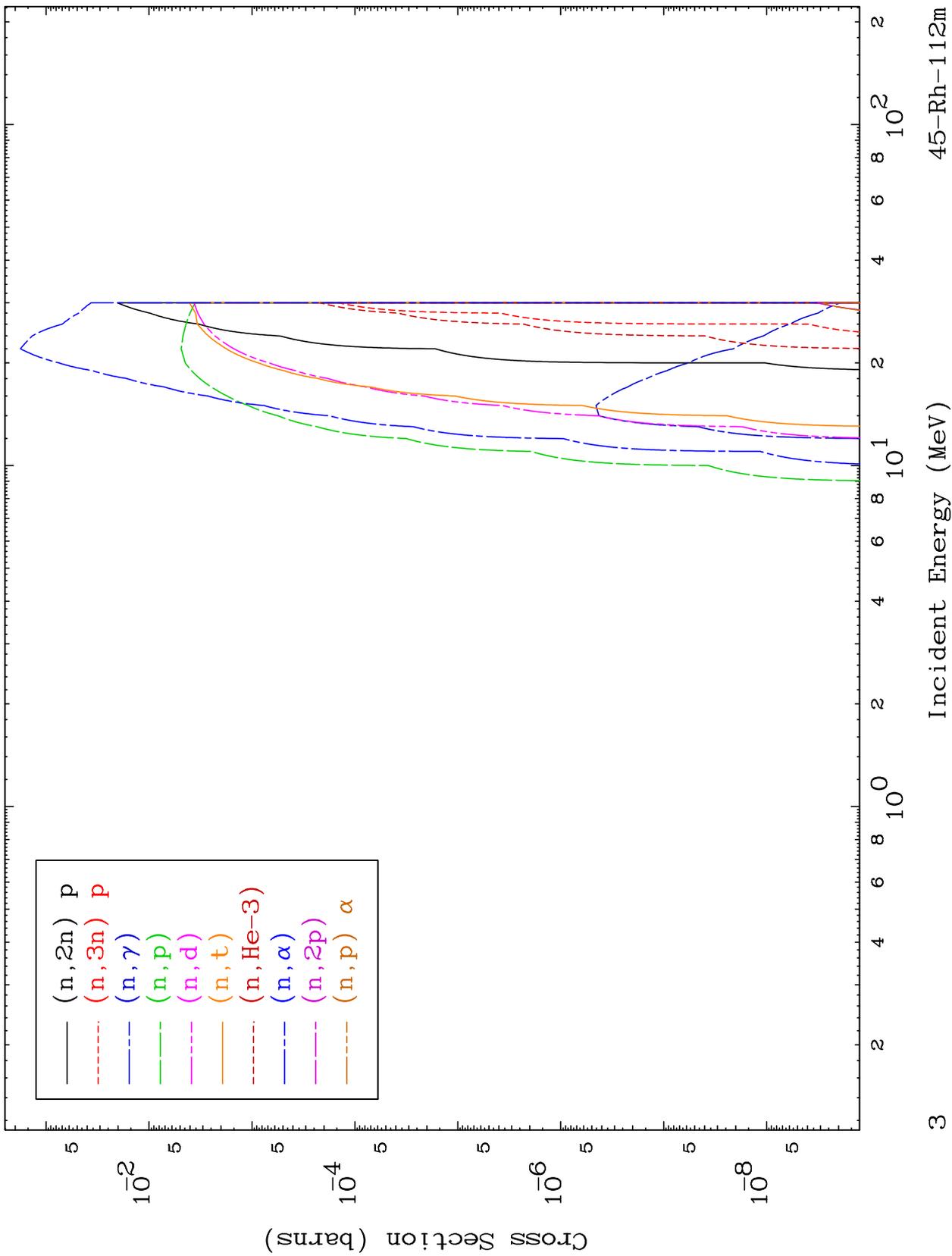
Incident Energy (MeV)

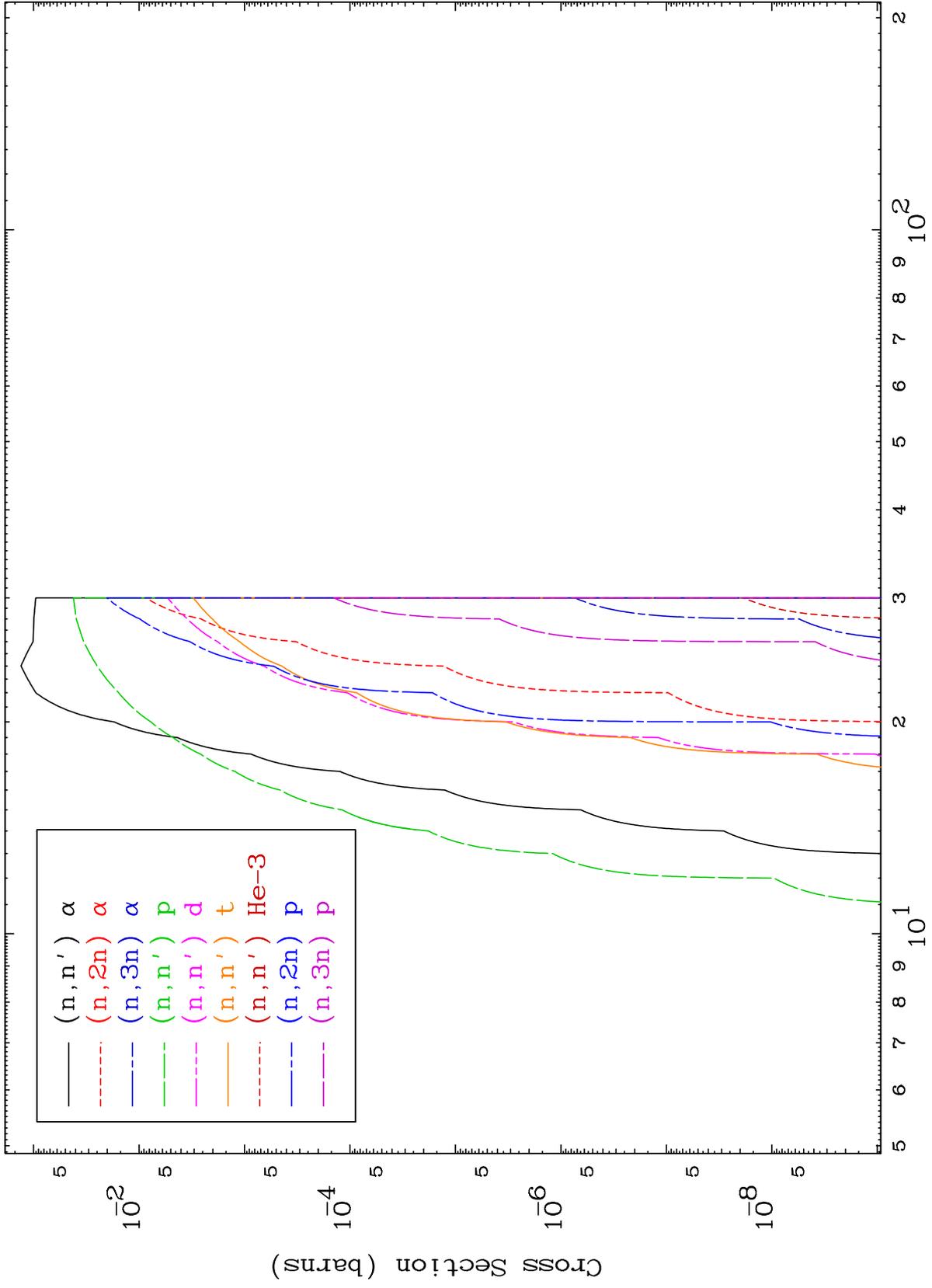
45-Rh-112m

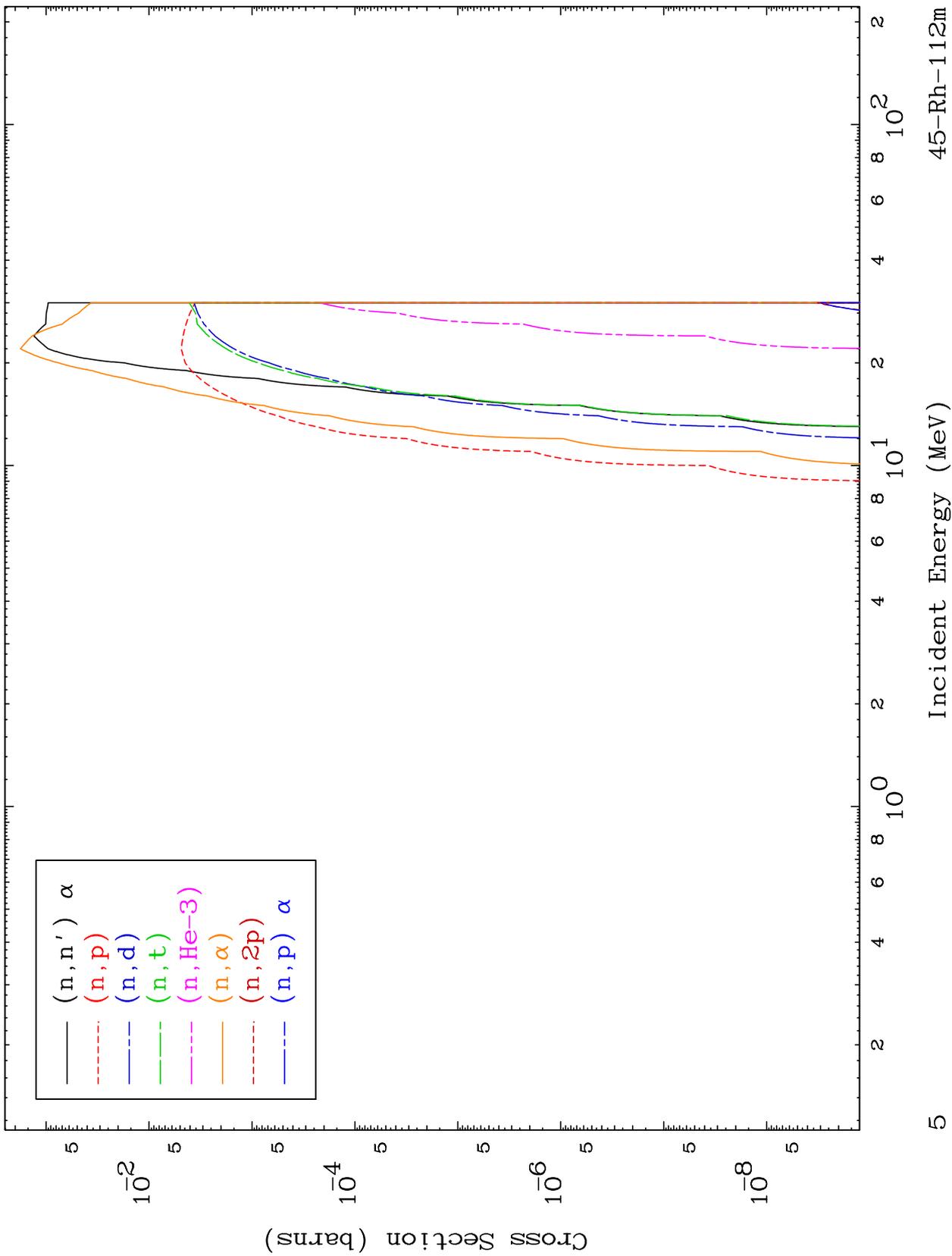
MAT 4553

α Neutron Absorption
0 Kelvin Cross Sections

45-Rh-112m





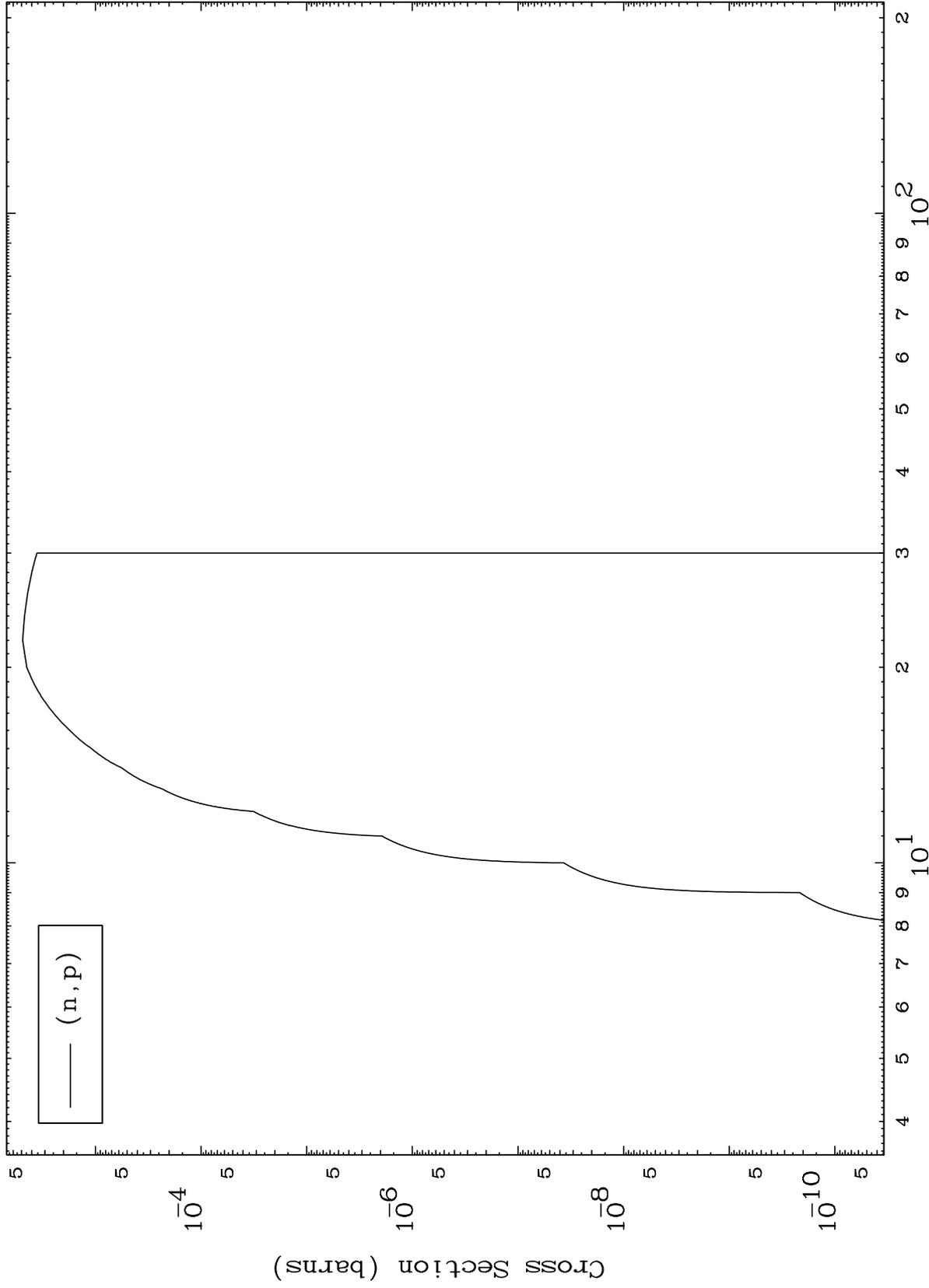


MAT 4553

(α, p) Levels

45-Rh-112m

0 Kelvin Cross Sections



Incident Energy (MeV)

45-Rh-112m

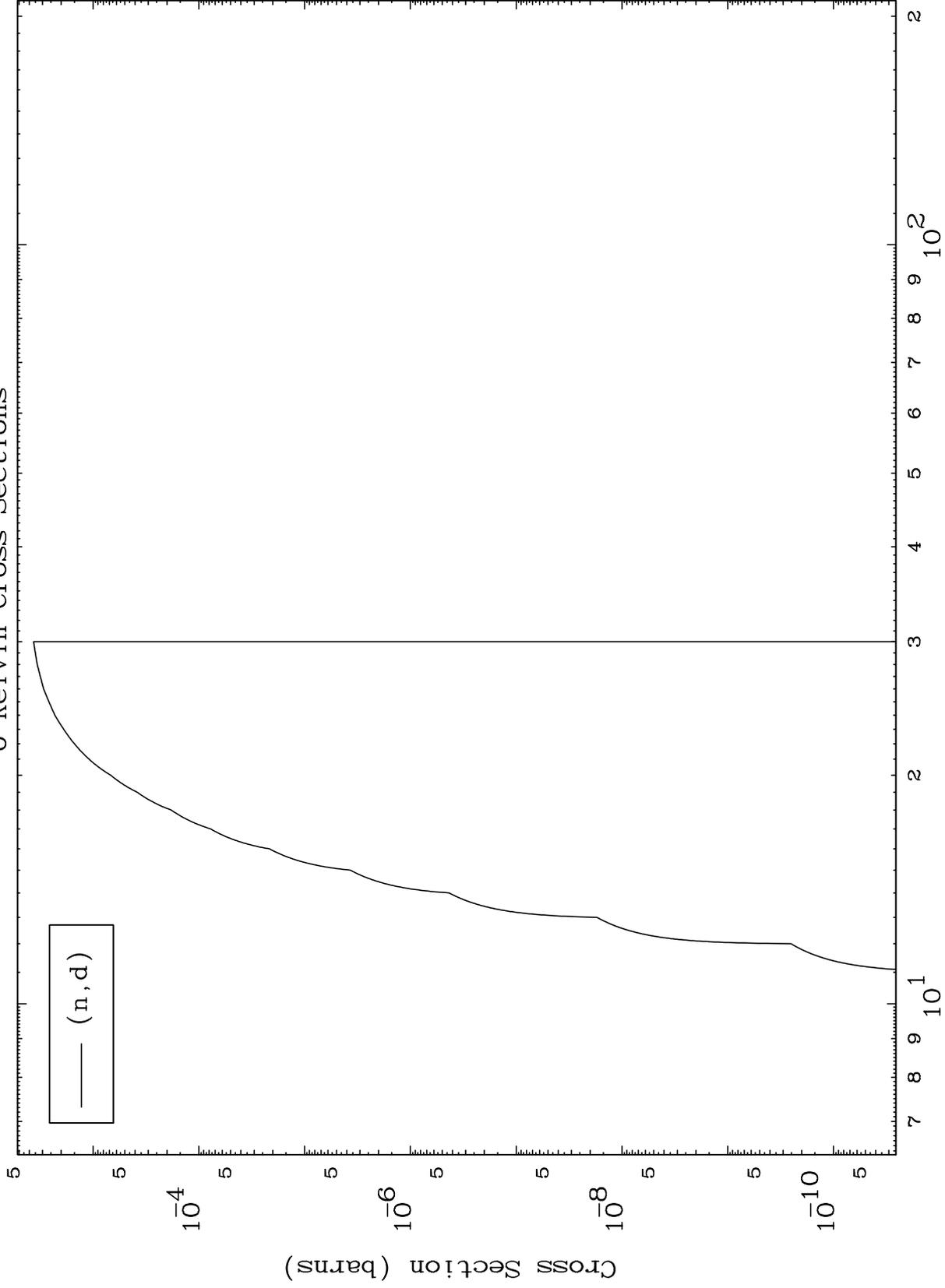
6

MAT 4553

(α, d) Levels

45-Rh-112m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

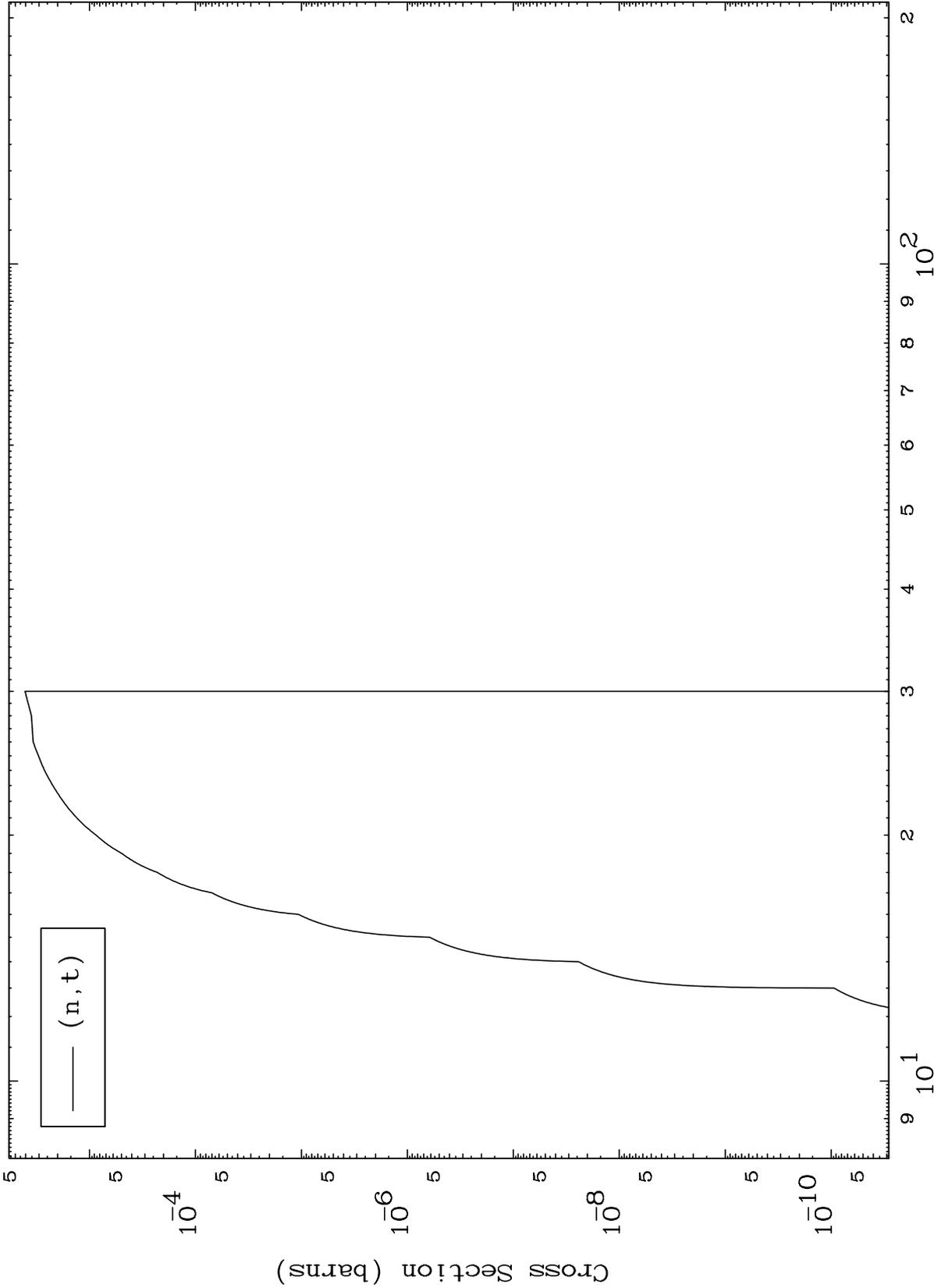
45-Rh-112m

MAT 4553

(α, t) Levels

45-Rh-112m

0 Kelvin Cross Sections



8

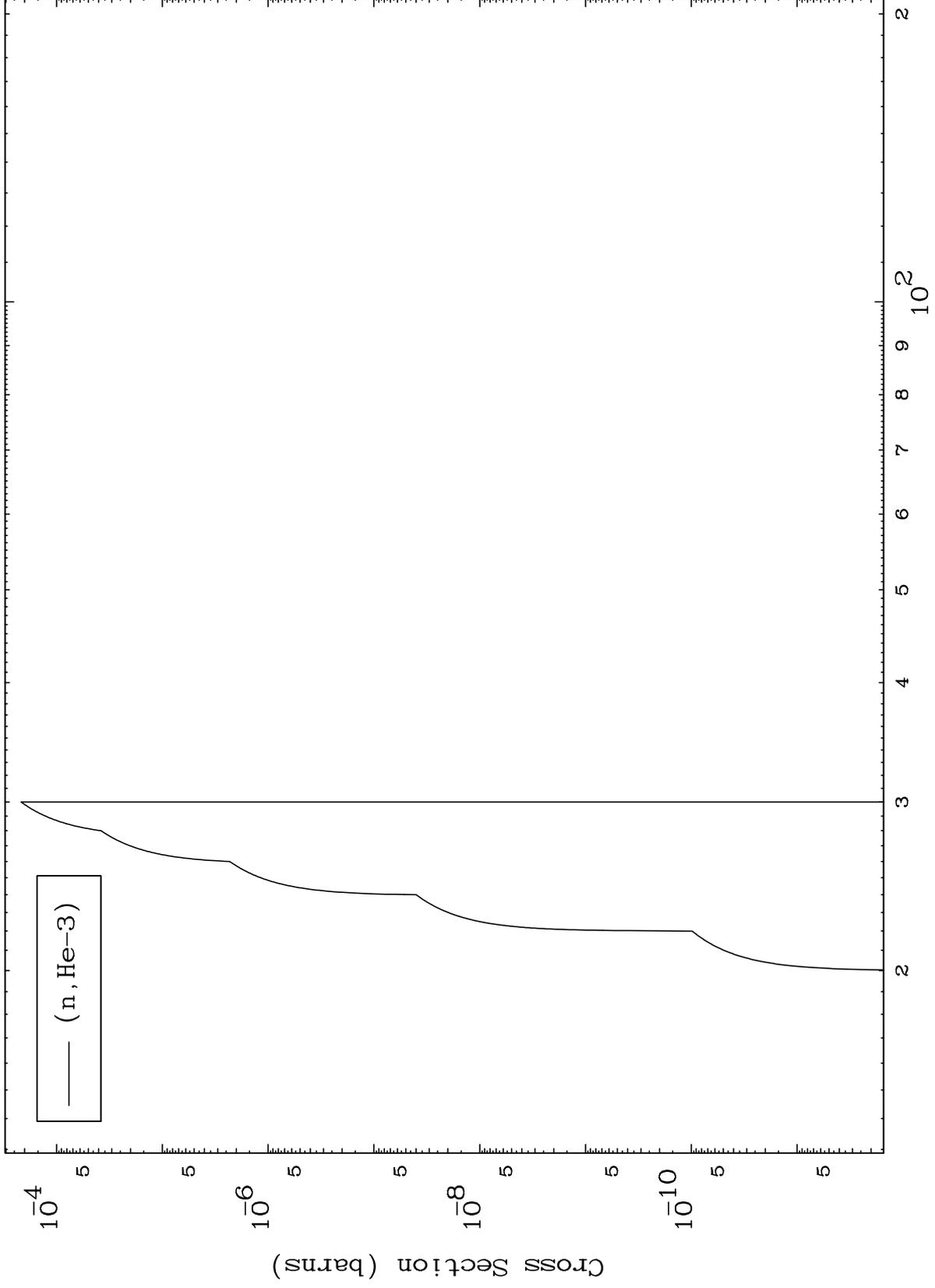
Incident Energy (MeV)

45-Rh-112m

MAT 4553

(α , He3) Levels
0 Kelvin Cross Sections

45-Rh-112m

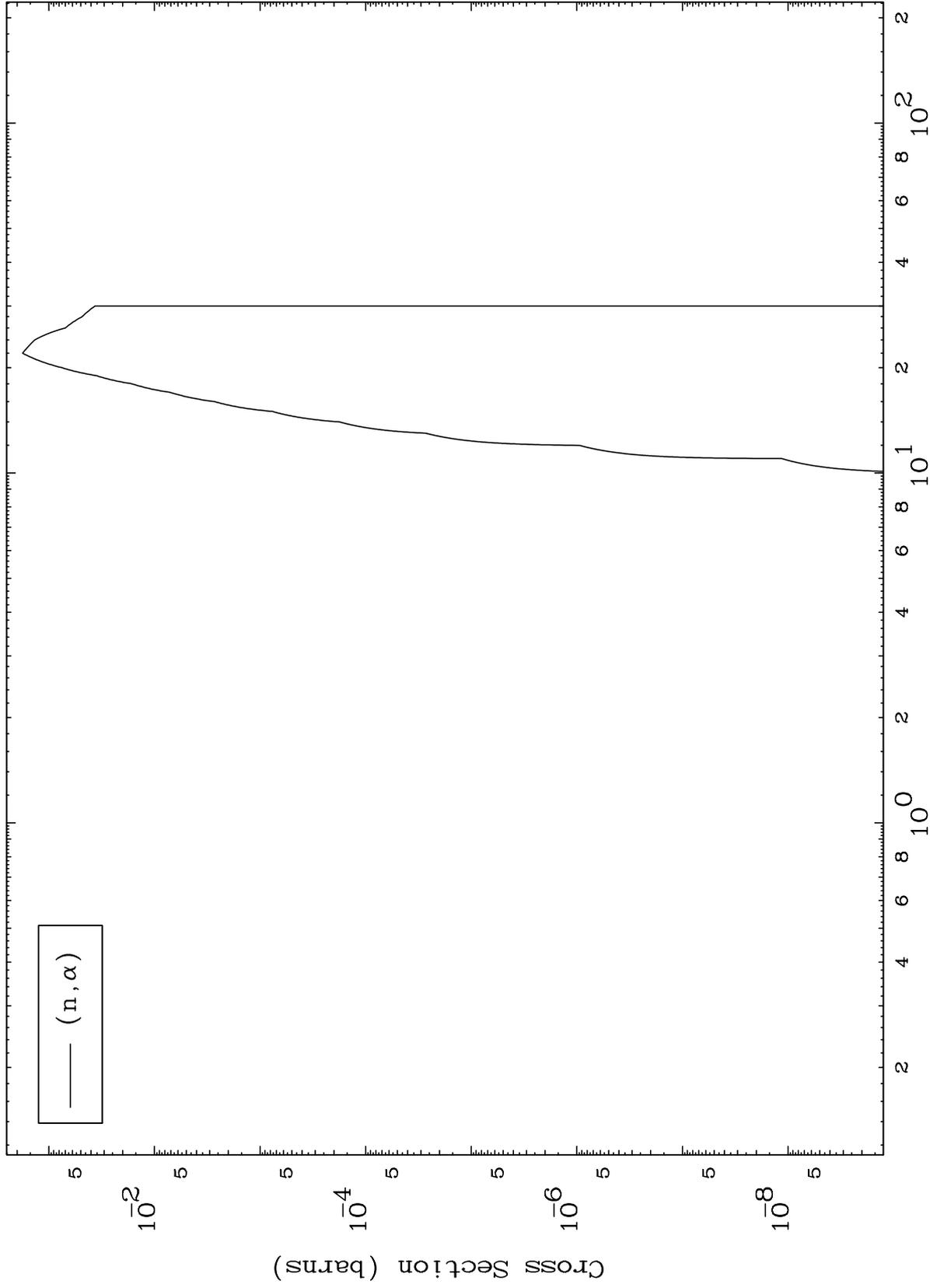


MAT 4553

(α, α) Levels

45-Rh-112m

0 Kelvin Cross Sections



10

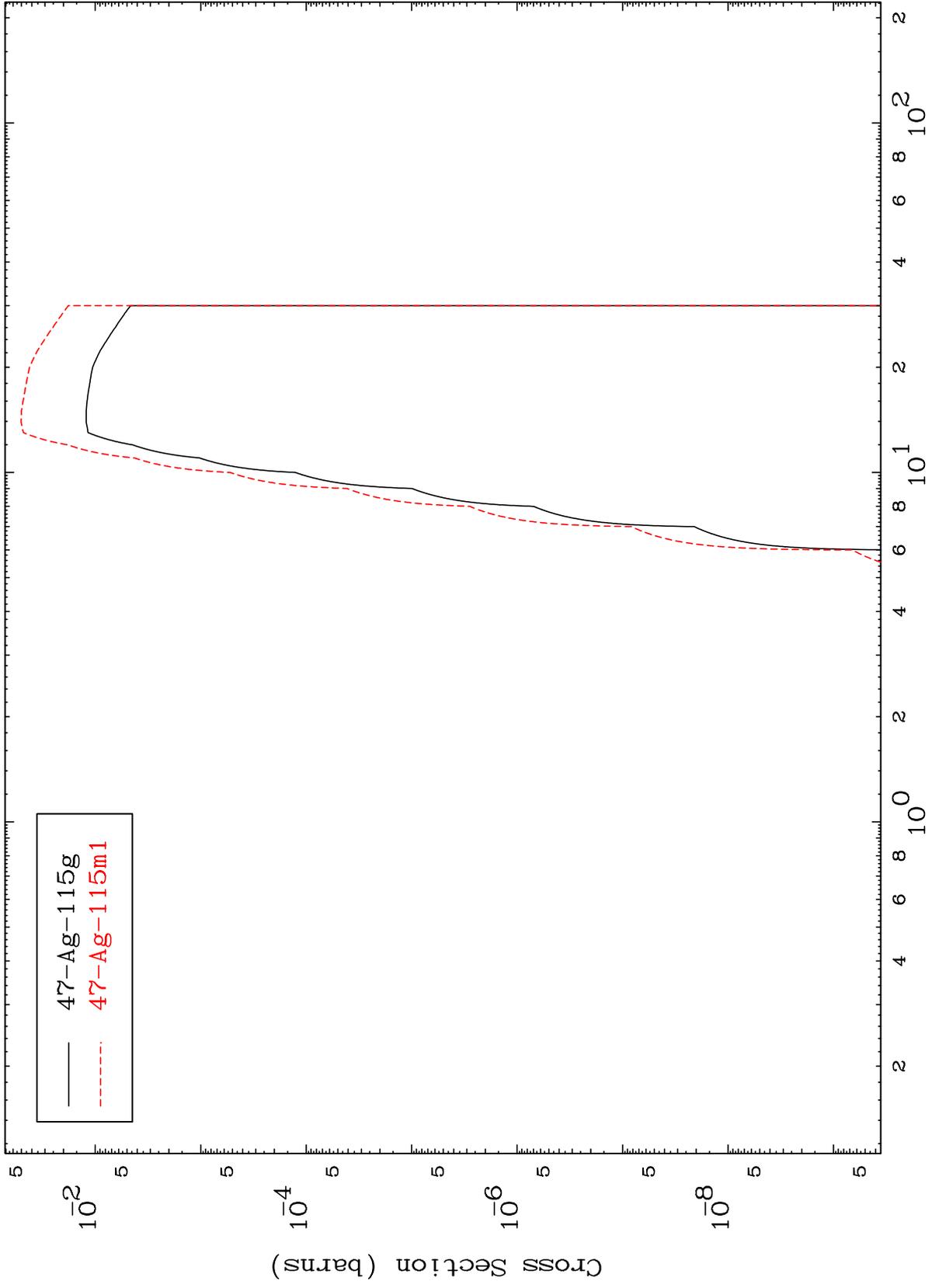
Incident Energy (MeV)

45-Rh-112m

MAT 4553

45-Rh-112m

Inelastic
Radionuclide Production Cross Section



45-Rh-112m

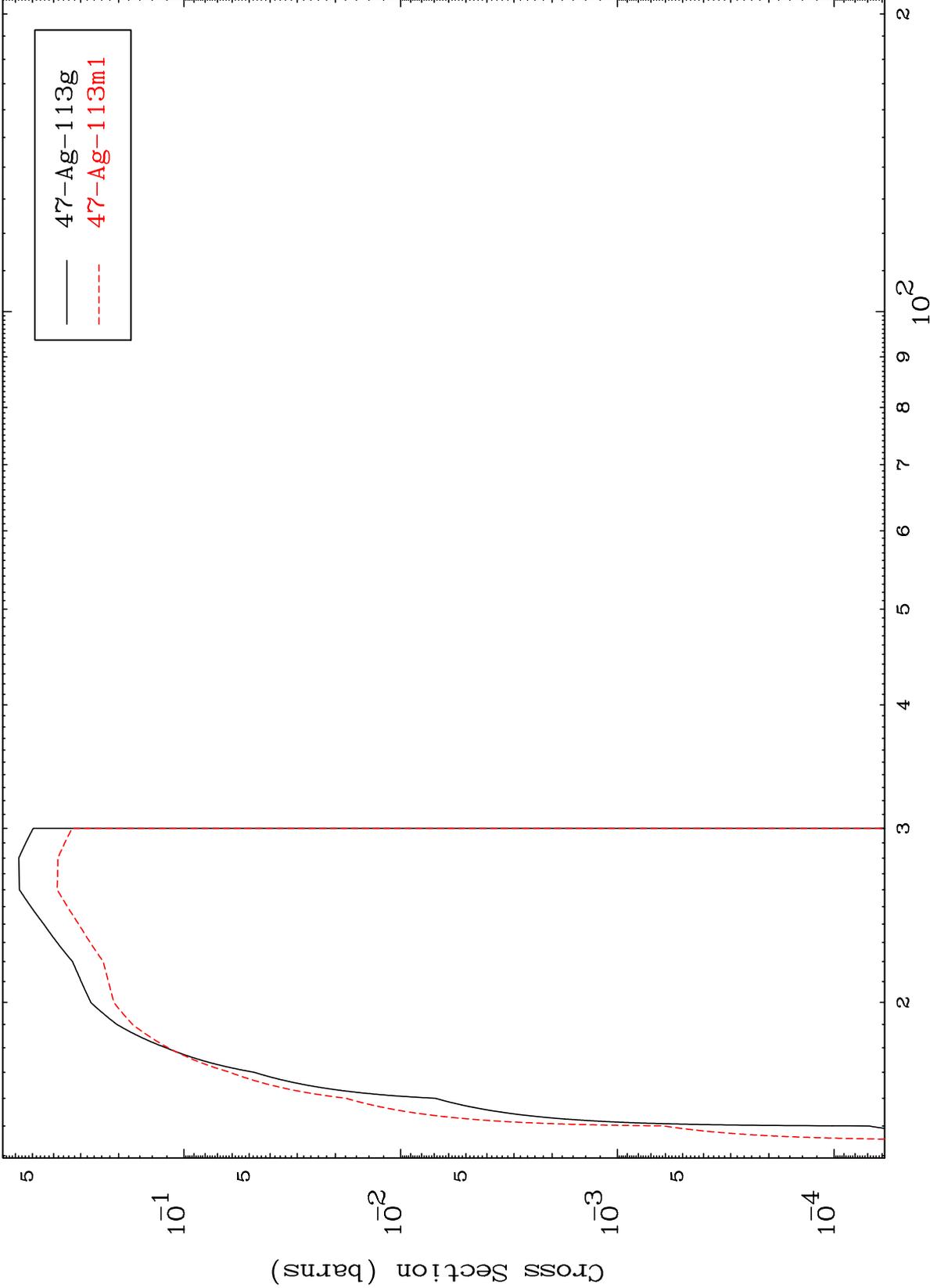
Incident Energy (MeV)

MAT 4553

(n,3n)

45-Rh-112m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

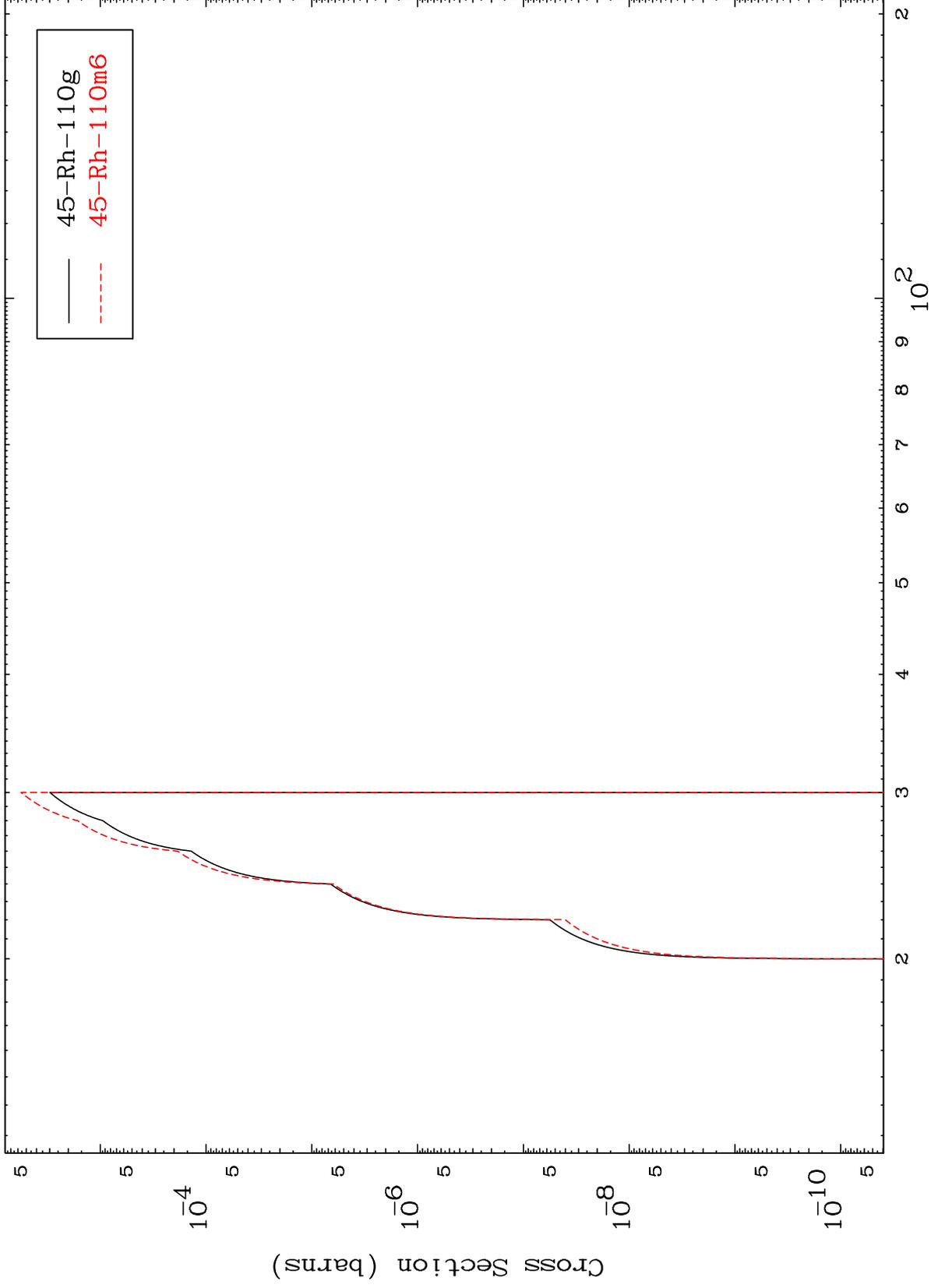
45-Rh-112m

MAT 4553

(n,2n) α

45-Rh-112m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

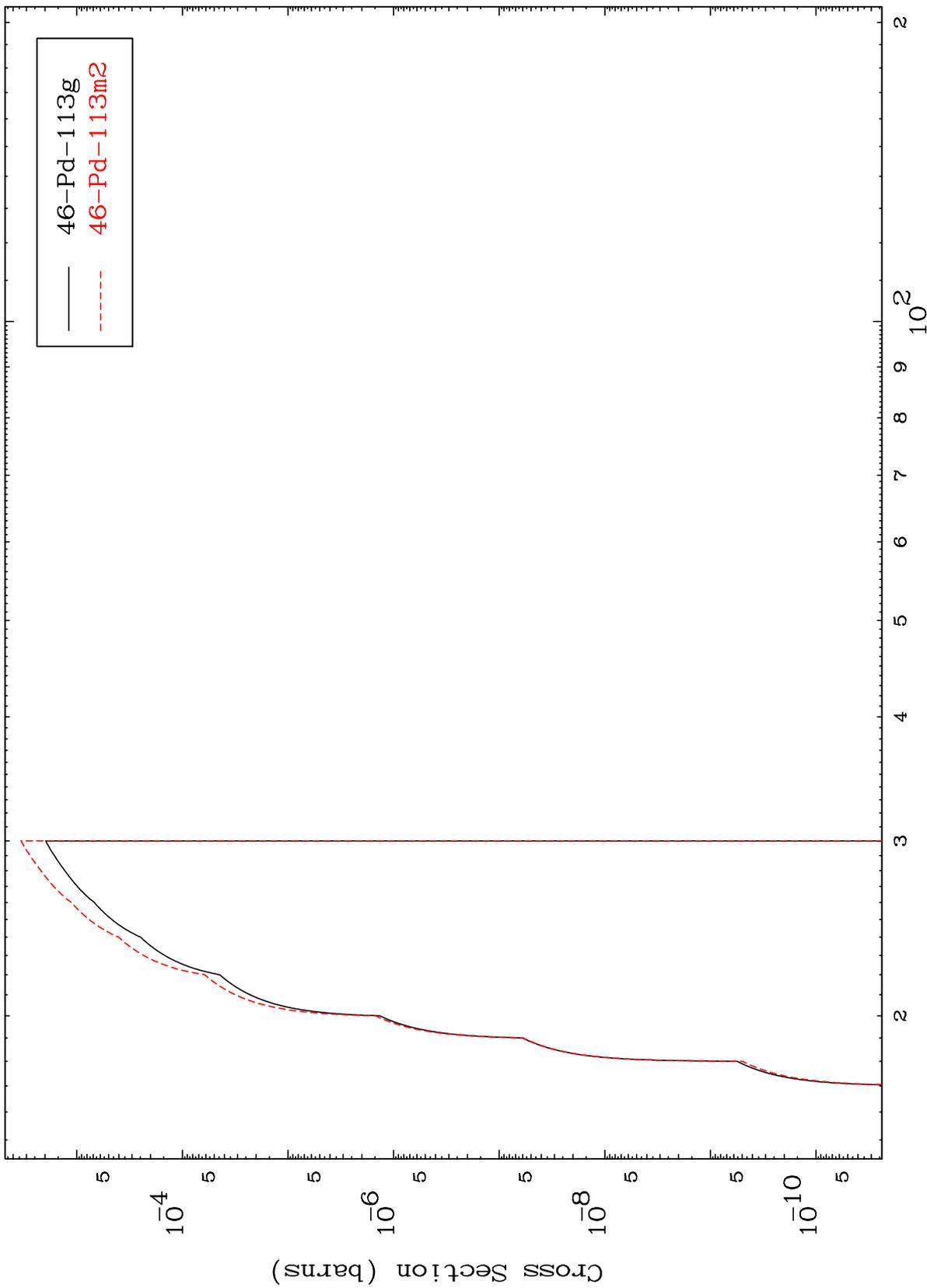
45-Rh-112m

MAT 4553

(n,n') d

45-Rh-112m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

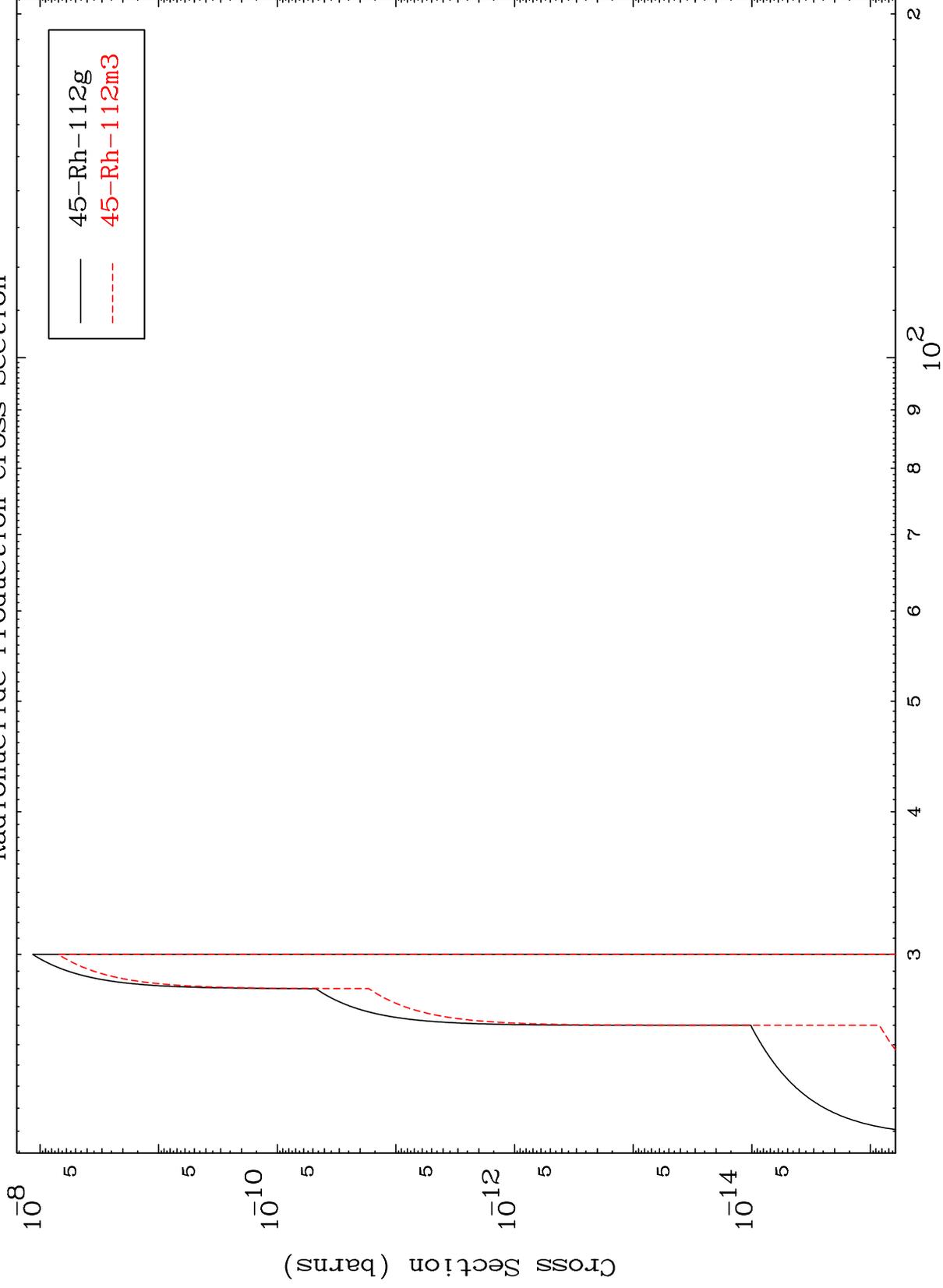
45-Rh-112m

MAT 4553

(n,n') He-3

45-Rh-112m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

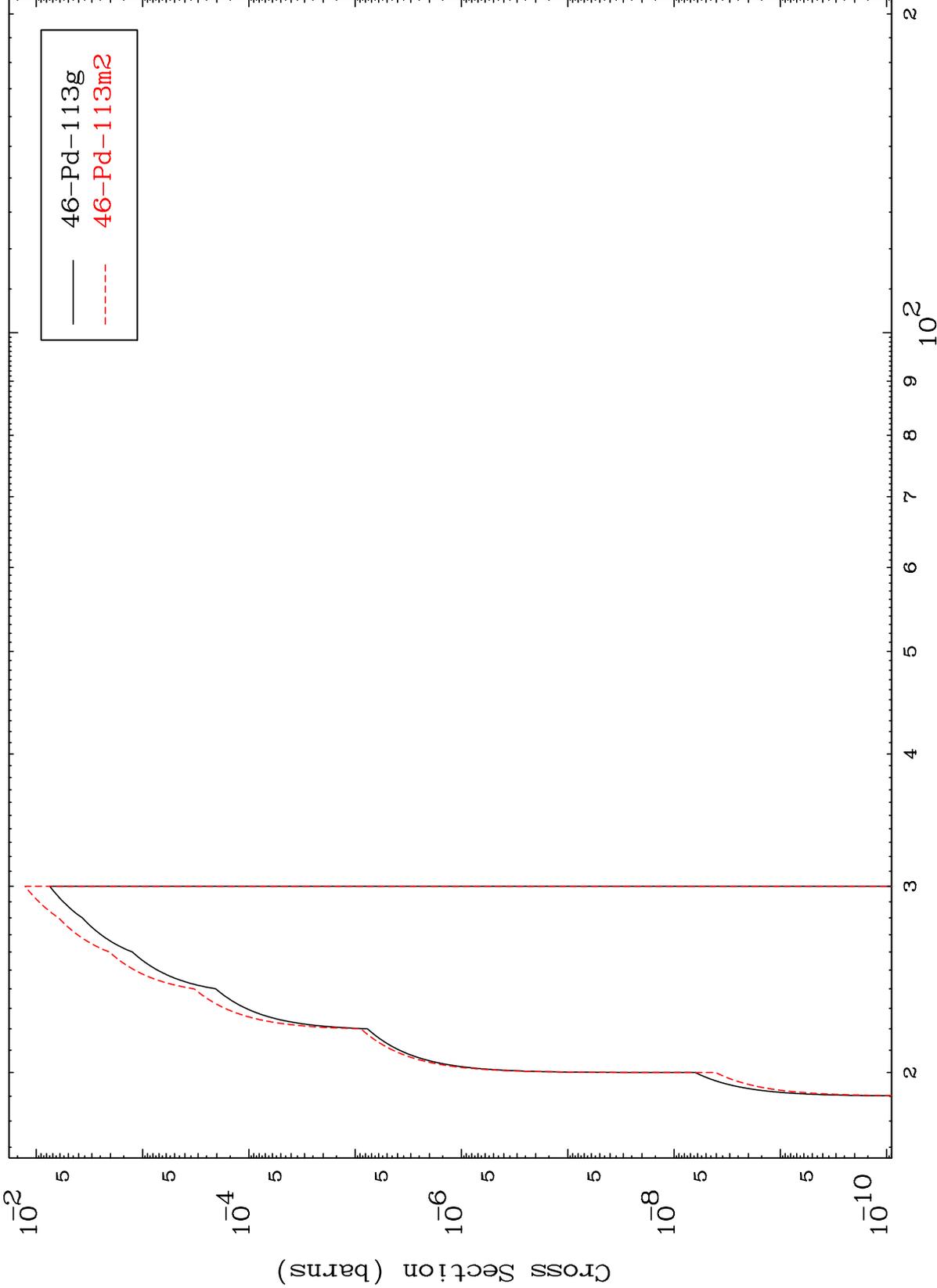
45-Rh-112m

MAT 4553

(n,2n) p

45-Rh-112m

Radionuclide Production Cross Section



16

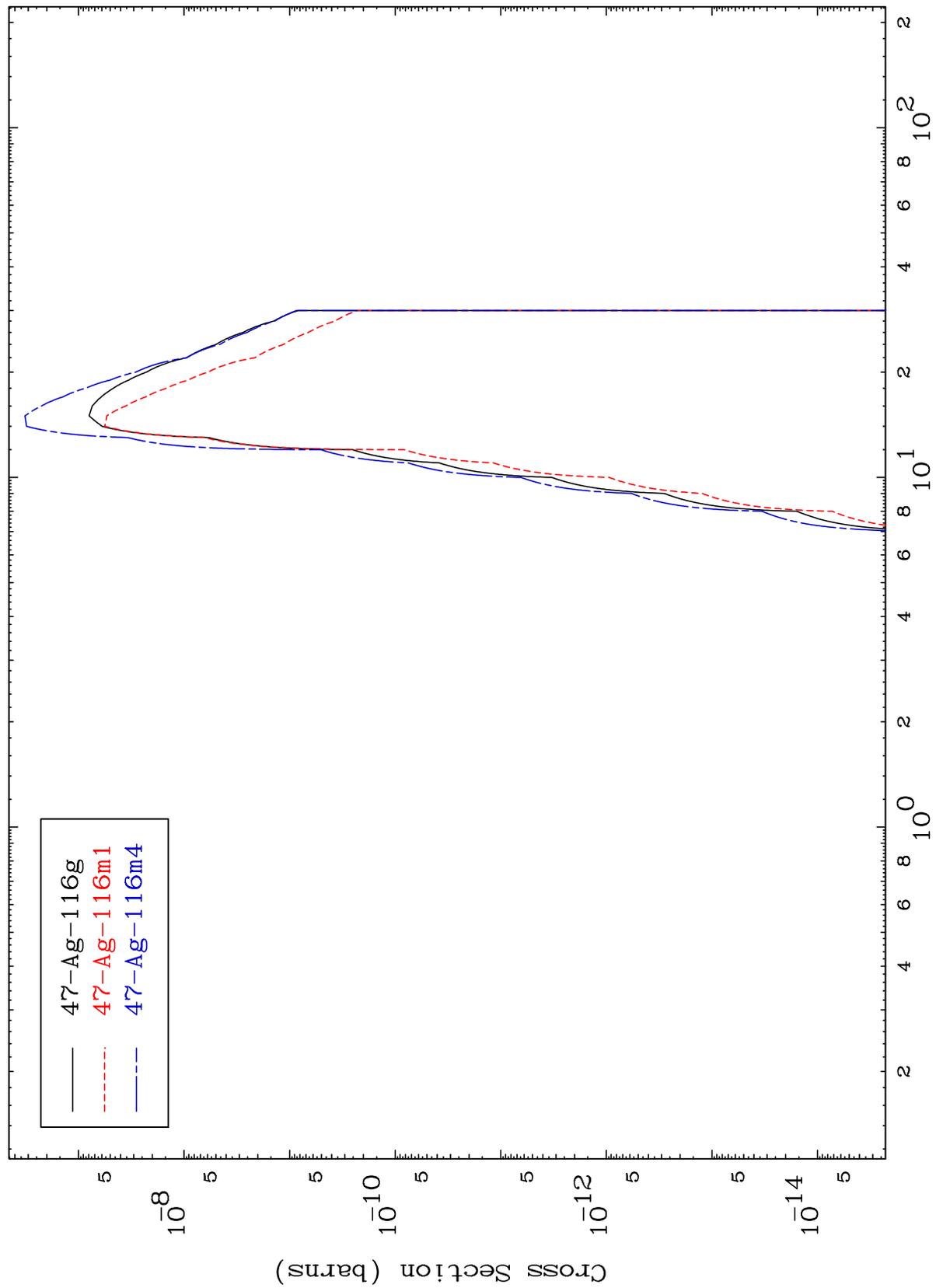
Incident Energy (MeV)

45-Rh-112m

MAT 4553

45-Rh-112m

Radionuclide Production Cross Section
(n, γ)



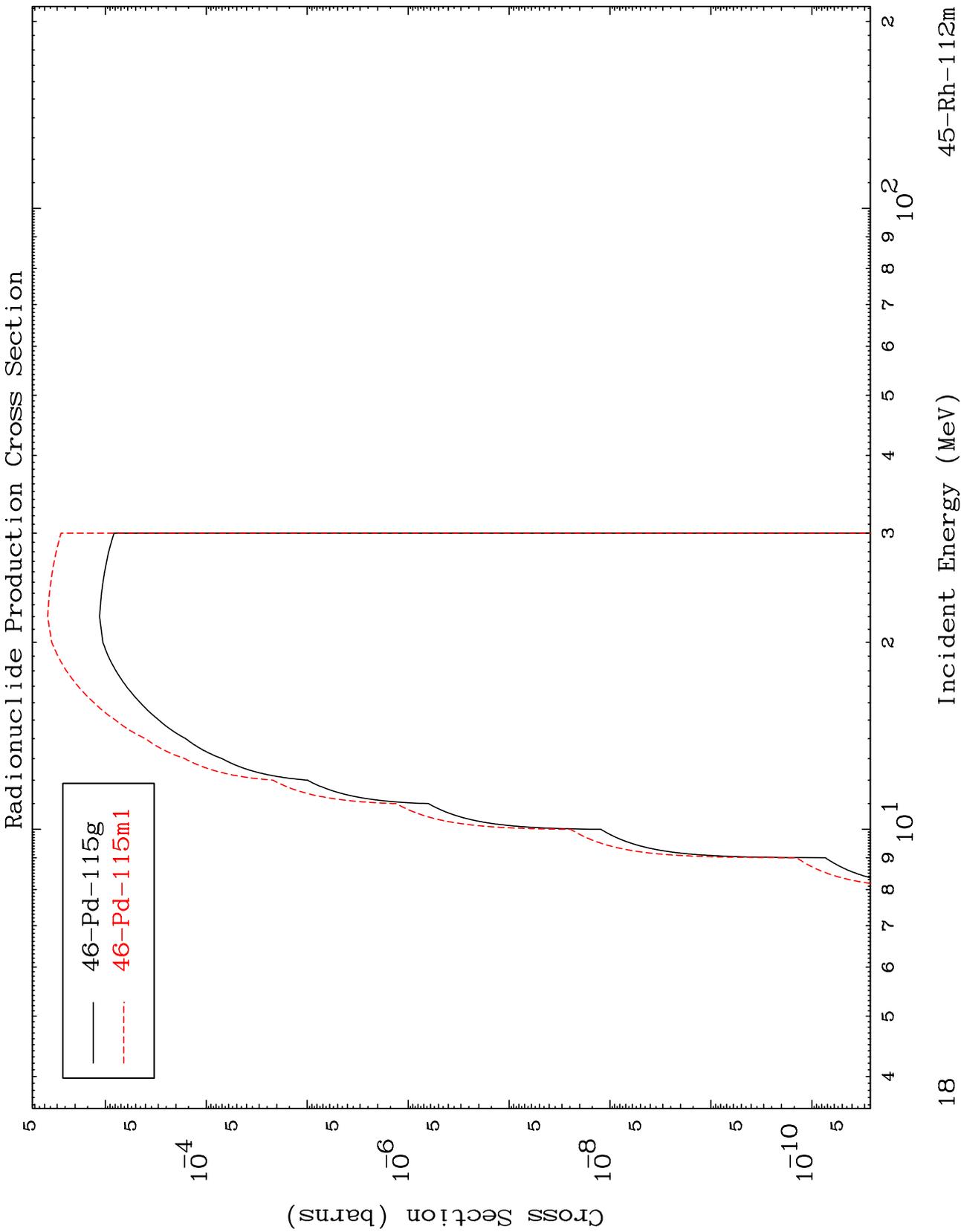
45-Rh-112m

Incident Energy (MeV)

17

MAT 4553

⁴⁵Rh-112m



⁴⁵Rh-112m

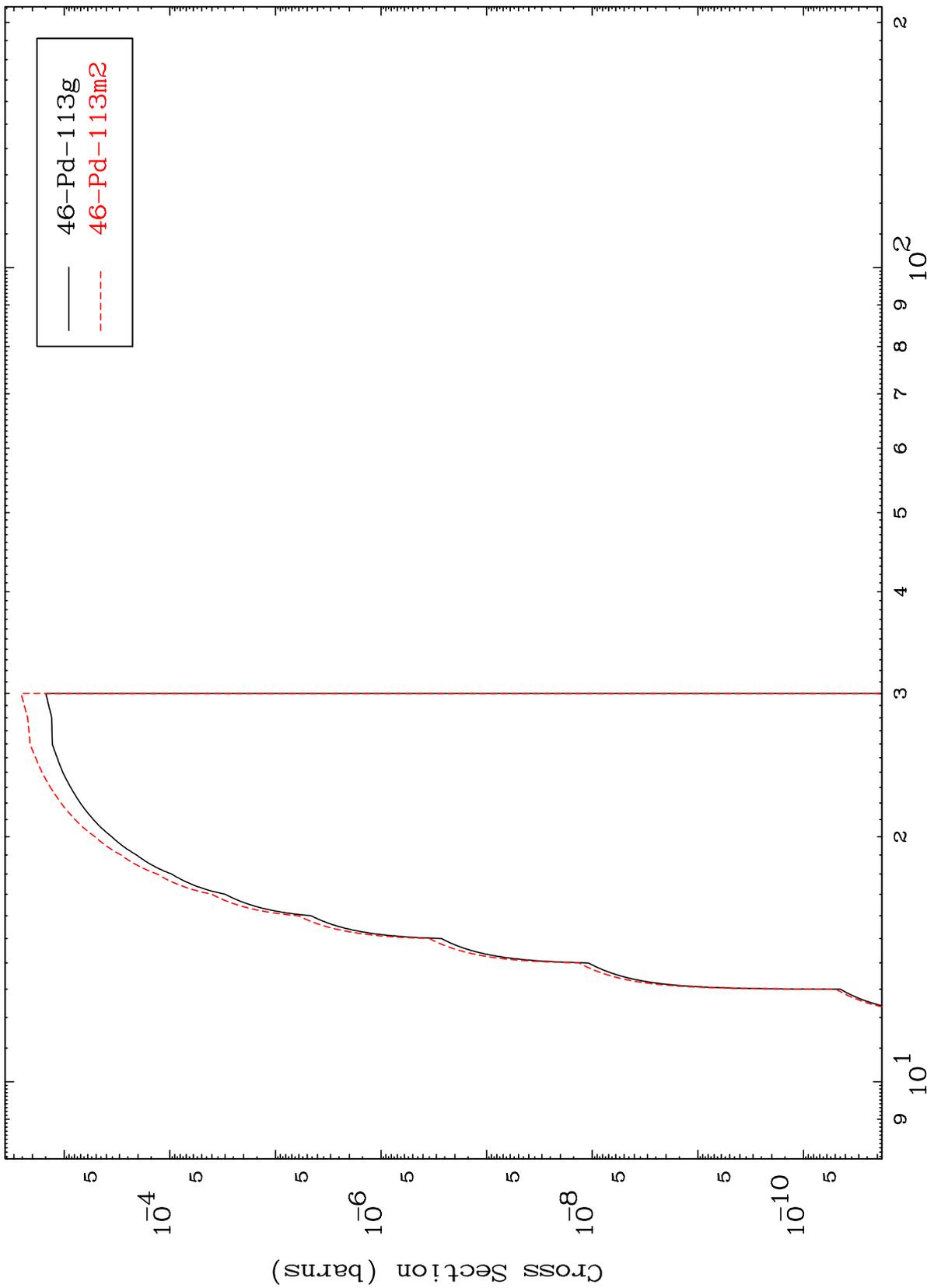
Incident Energy (MeV)

18

MAT 4553

45-Rh-112m

(n, t)
Radionuclide Production Cross Section



19

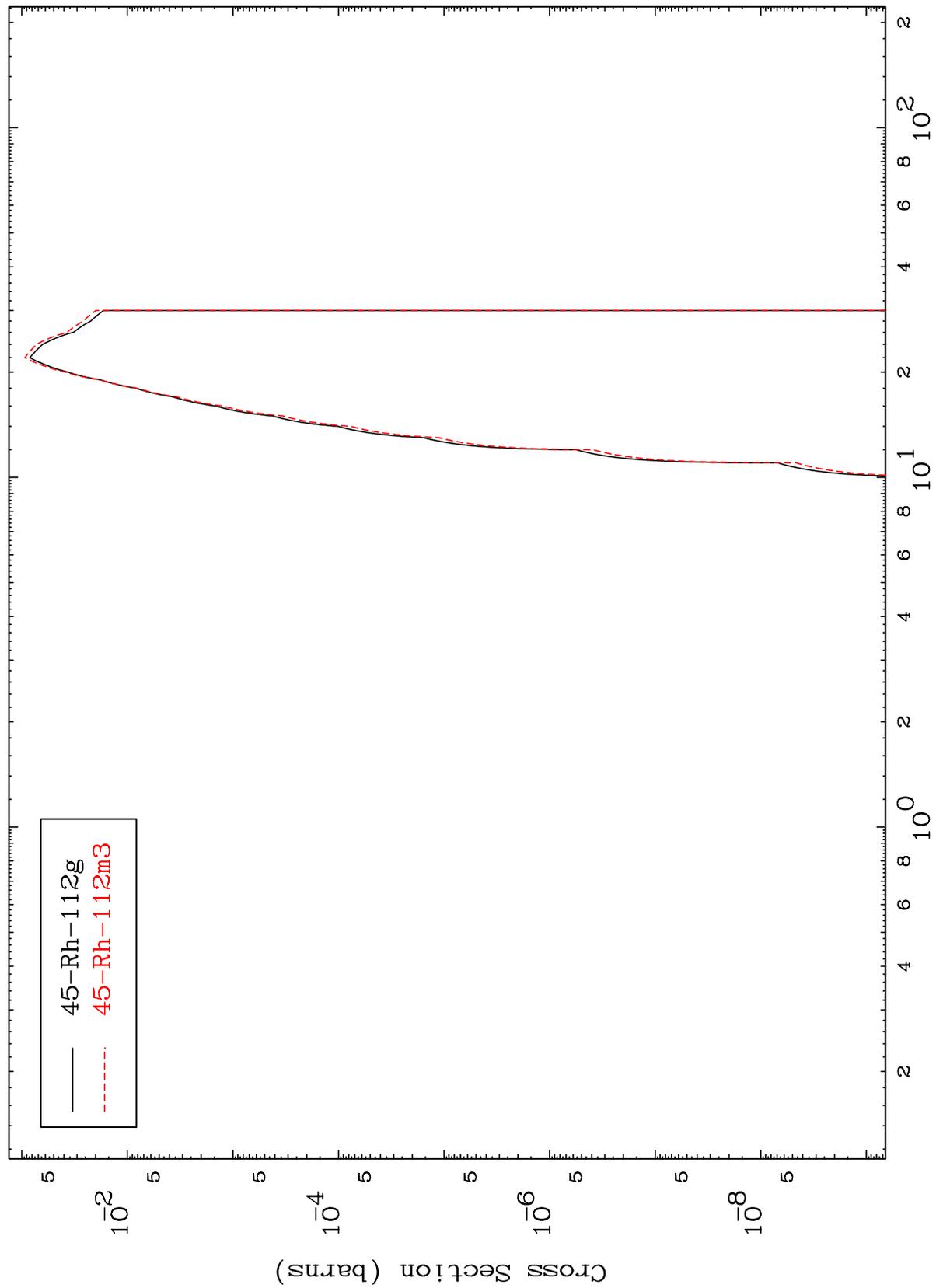
Incident Energy (MeV)

45-Rh-112m

MAT 4553

45-Rh-112m

Radionuclide Production Cross Section
(n, α)



MAT 4553

(n,2p)

45-Rh-112m

Radionuclide Production Cross Section

