

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

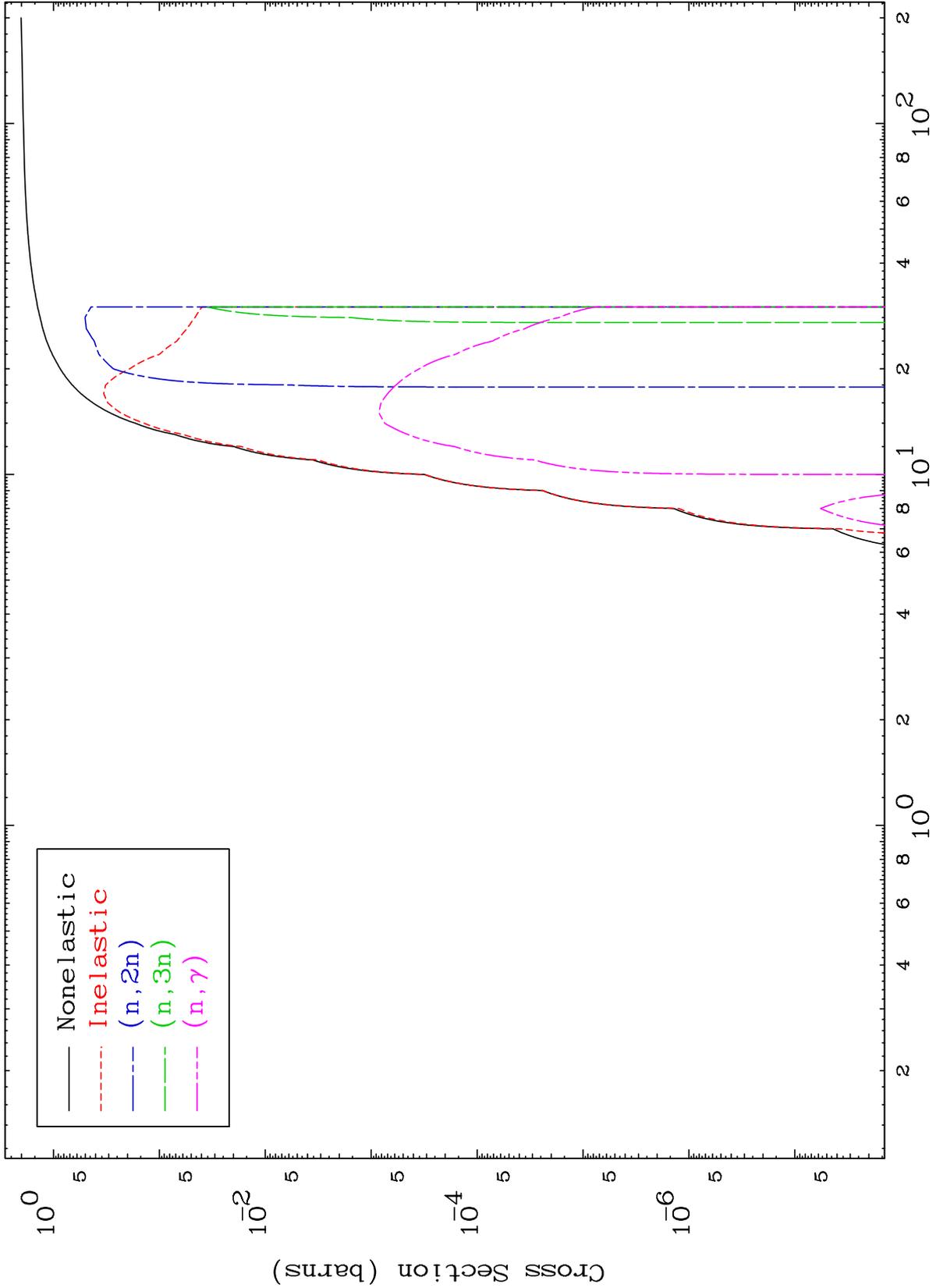
Press Mouse Button to Start

MAT 4516

α Major

45-Rh-100

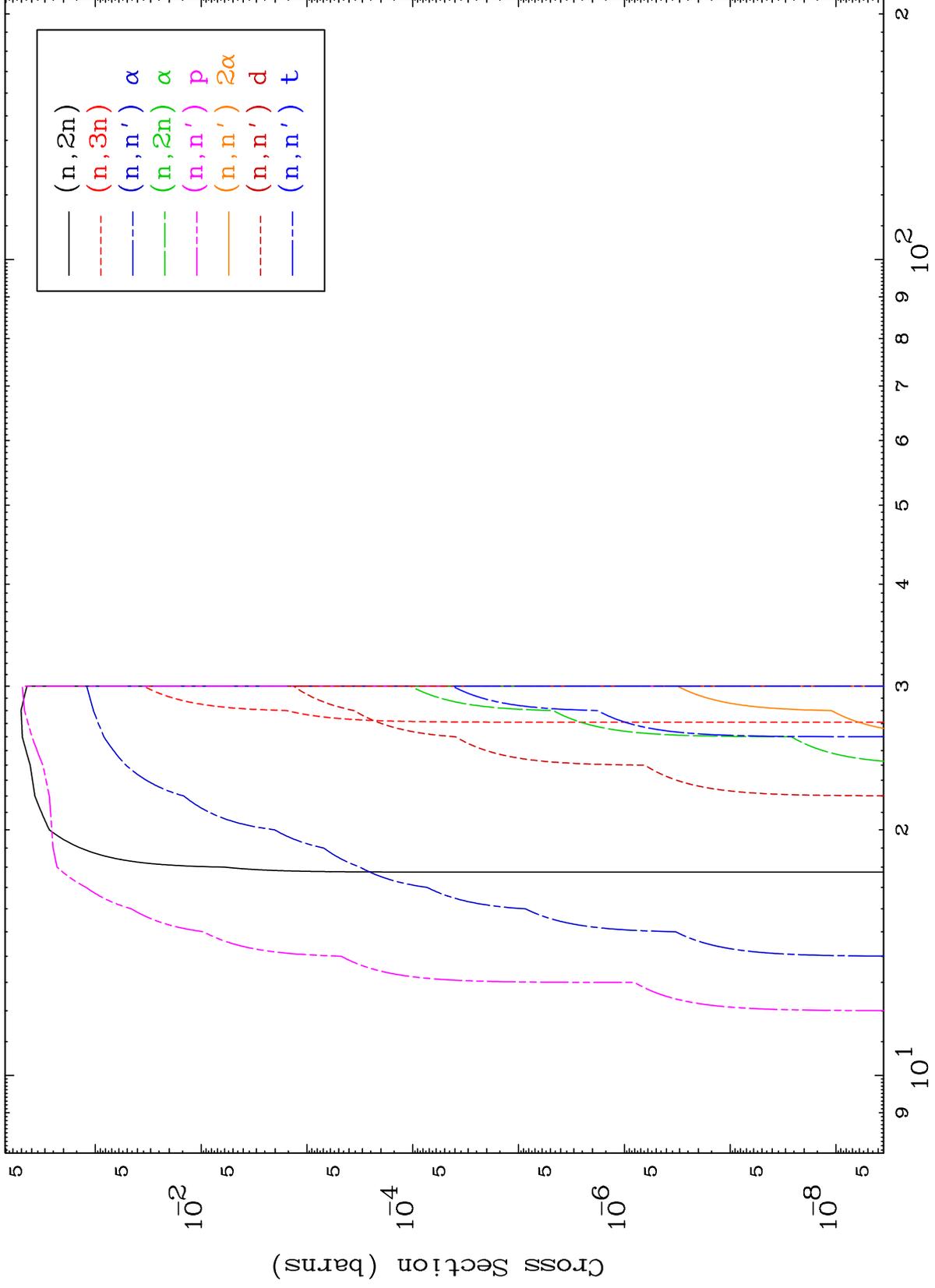
0 Kelvin Cross Sections



MAT 4516

α Neutron Absorption
0 Kelvin Cross Sections

45-Rh-100



2

Incident Energy (MeV)

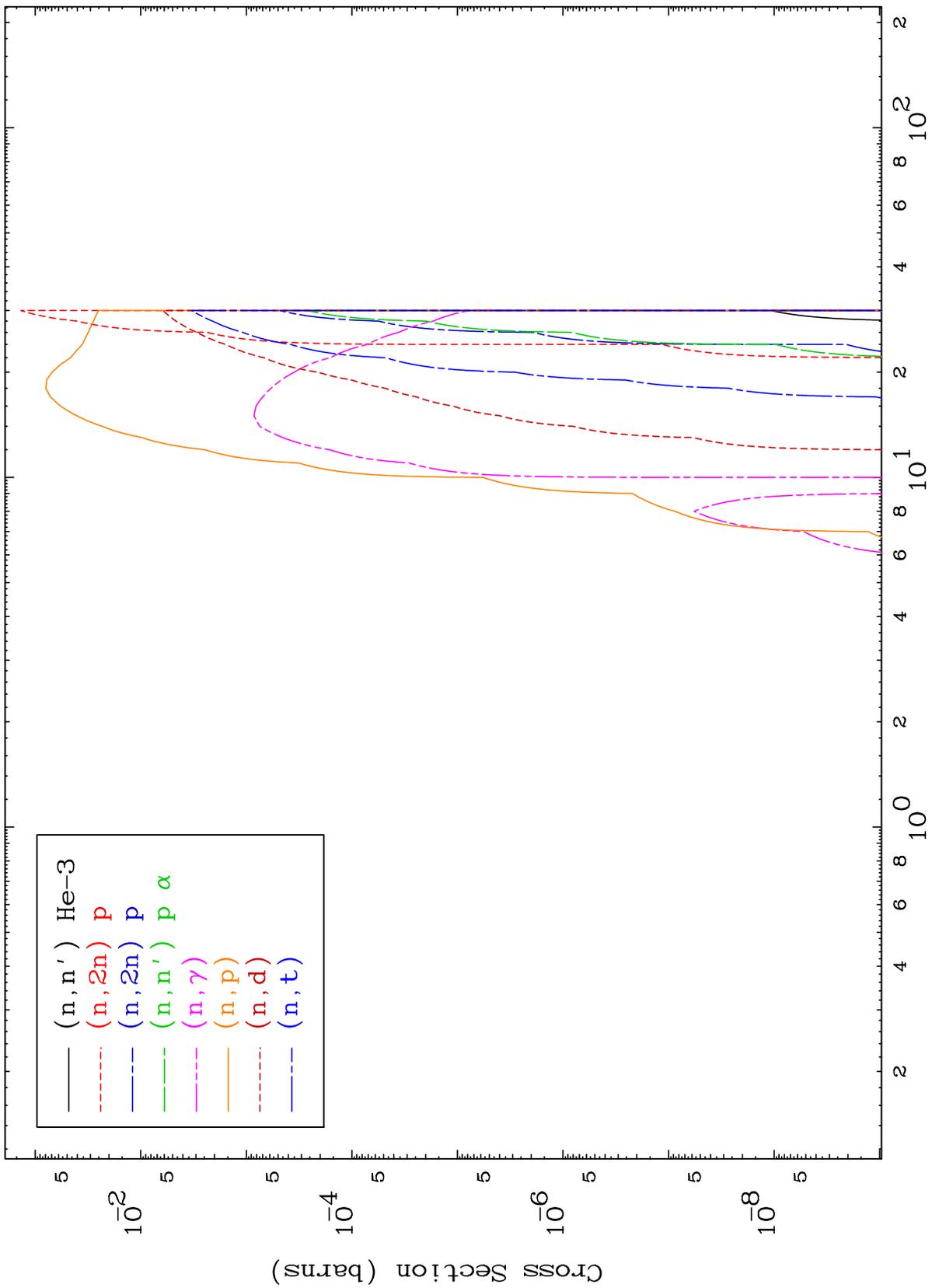
45-Rh-100

MAT 4516

α Neutron Absorption

45-Rh-100

0 Kelvin Cross Sections



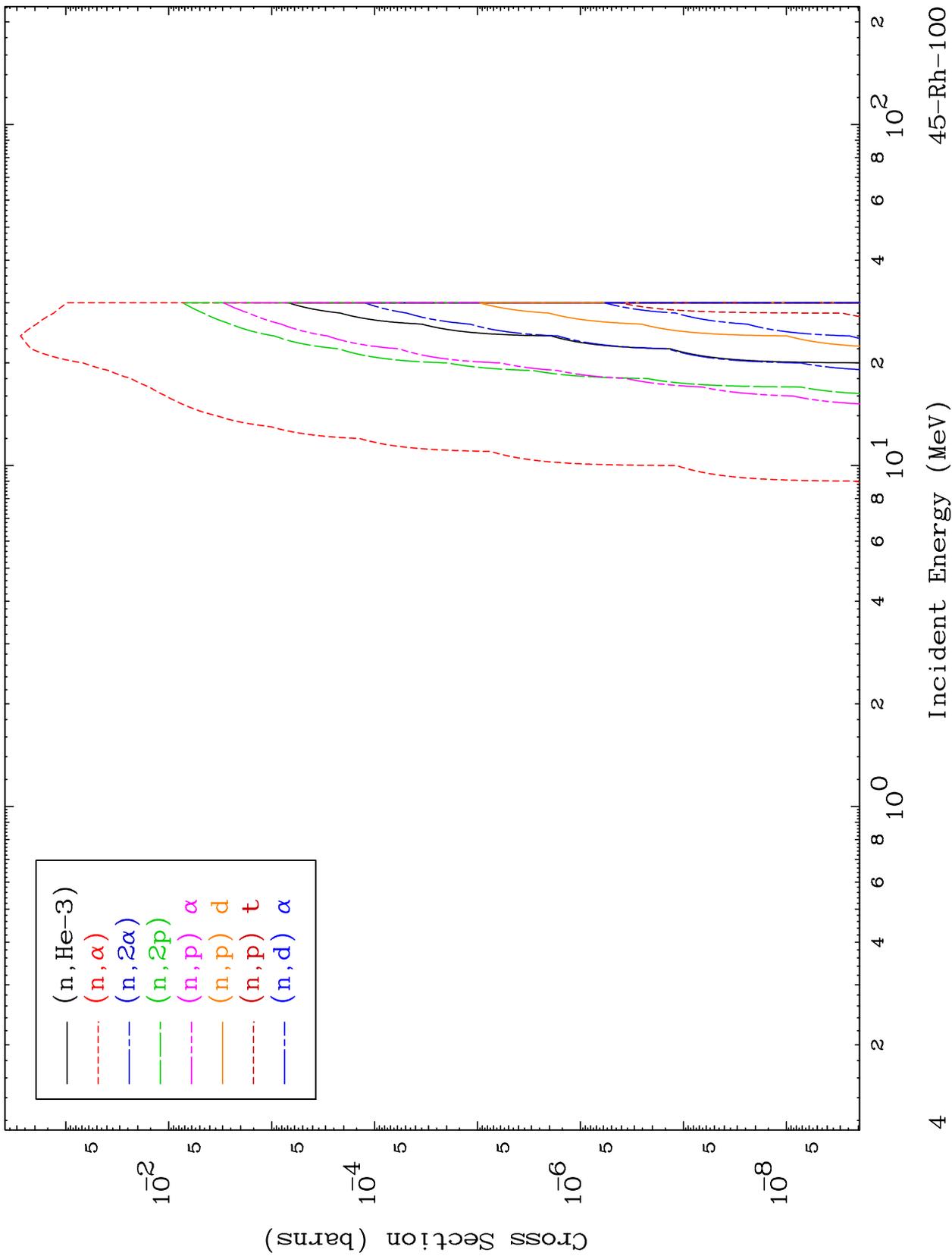
Incident Energy (MeV)

45-Rh-100

MAT 4516

α Neutron Absorption
0 Kelvin Cross Sections

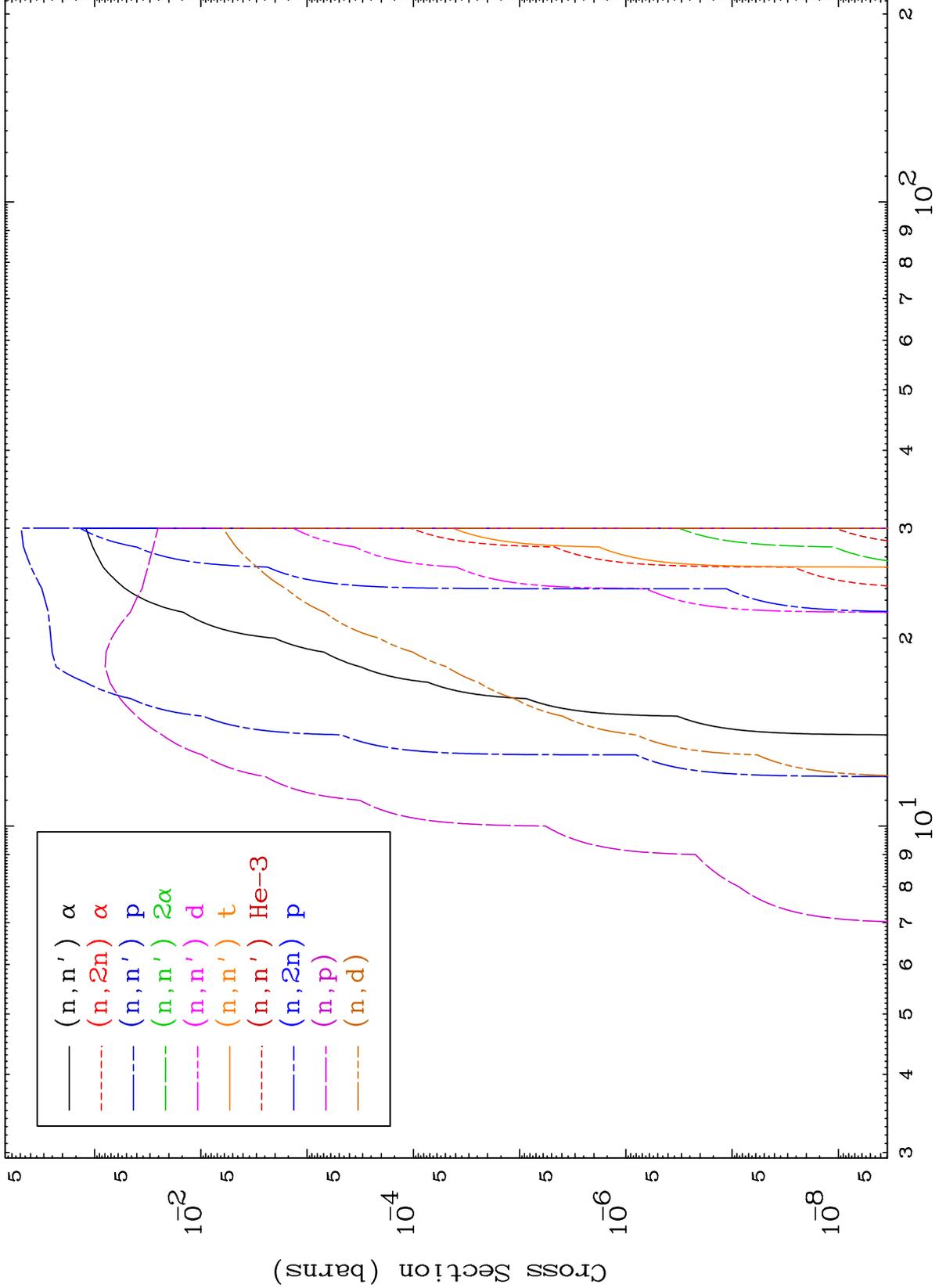
45-Rh-100



MAT 4516

α Charged Particle
0 Kelvin Cross Sections

45-Rh-100



Incident Energy (MeV)

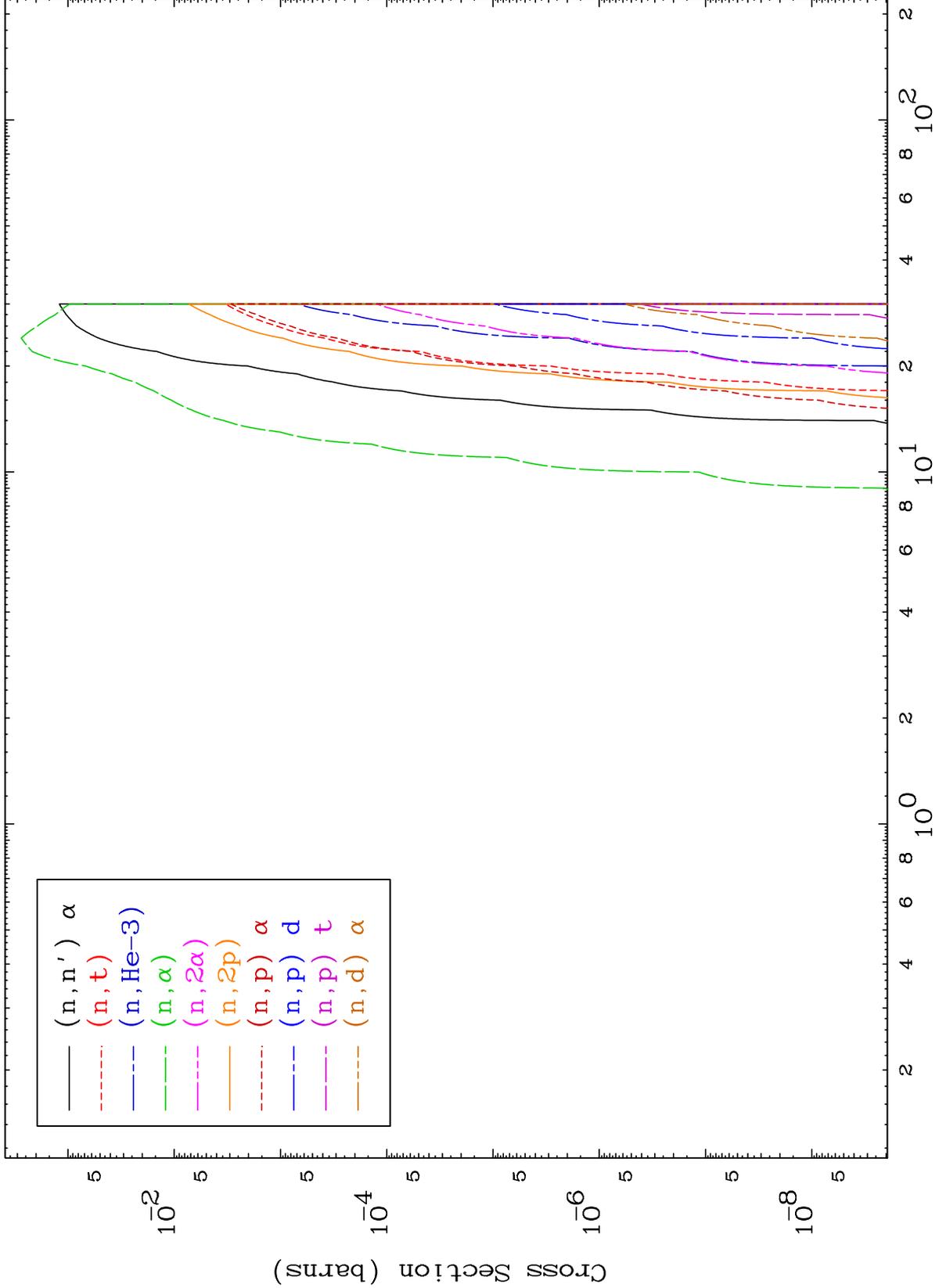
45-Rh-100

5

MAT 4516

α Charged Particle
0 Kelvin Cross Sections

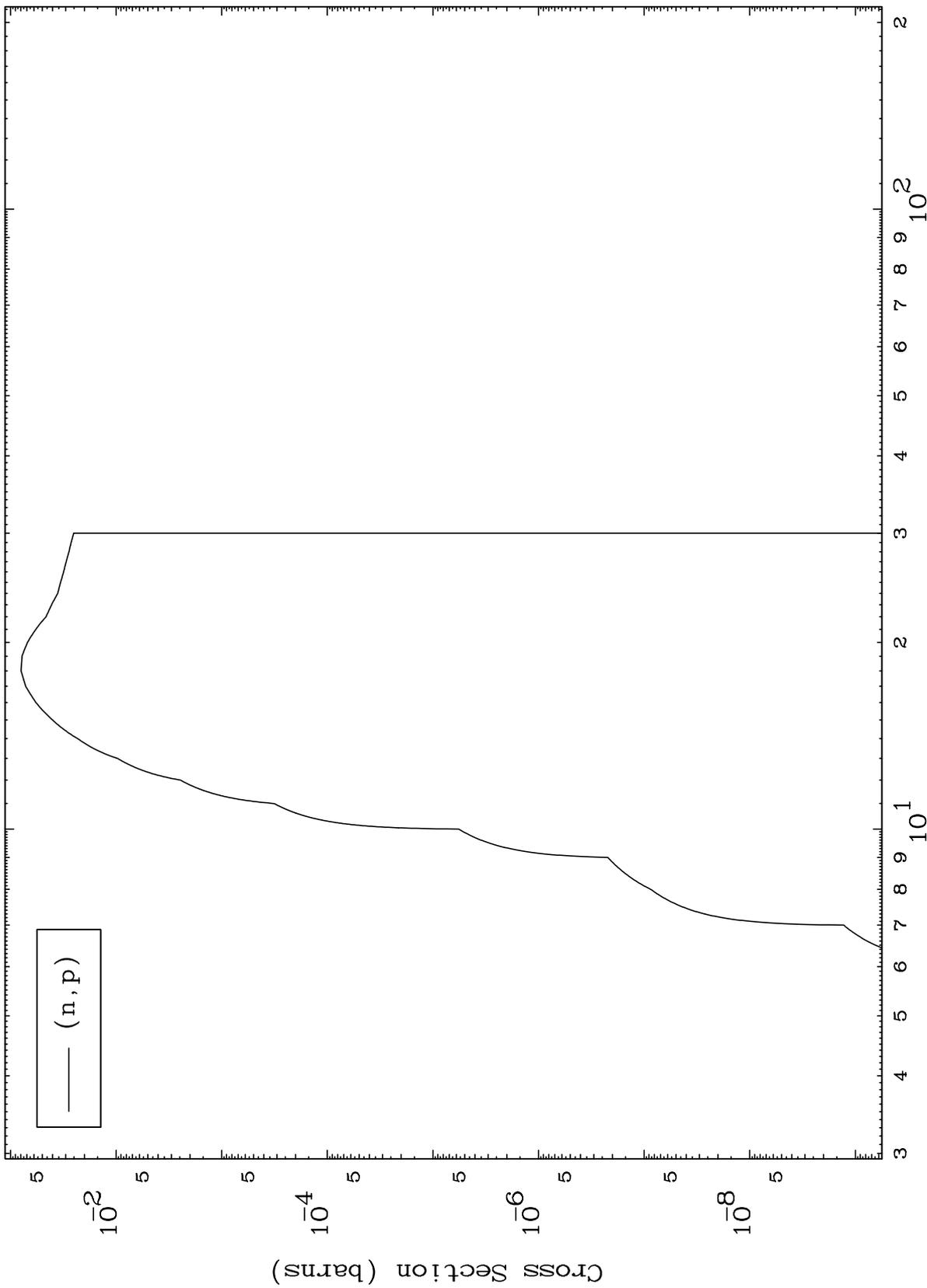
45-Rh-100



MAT 4516

45-Rh-100

(α, p) Levels
0 Kelvin Cross Sections



45-Rh-100

Incident Energy (MeV)

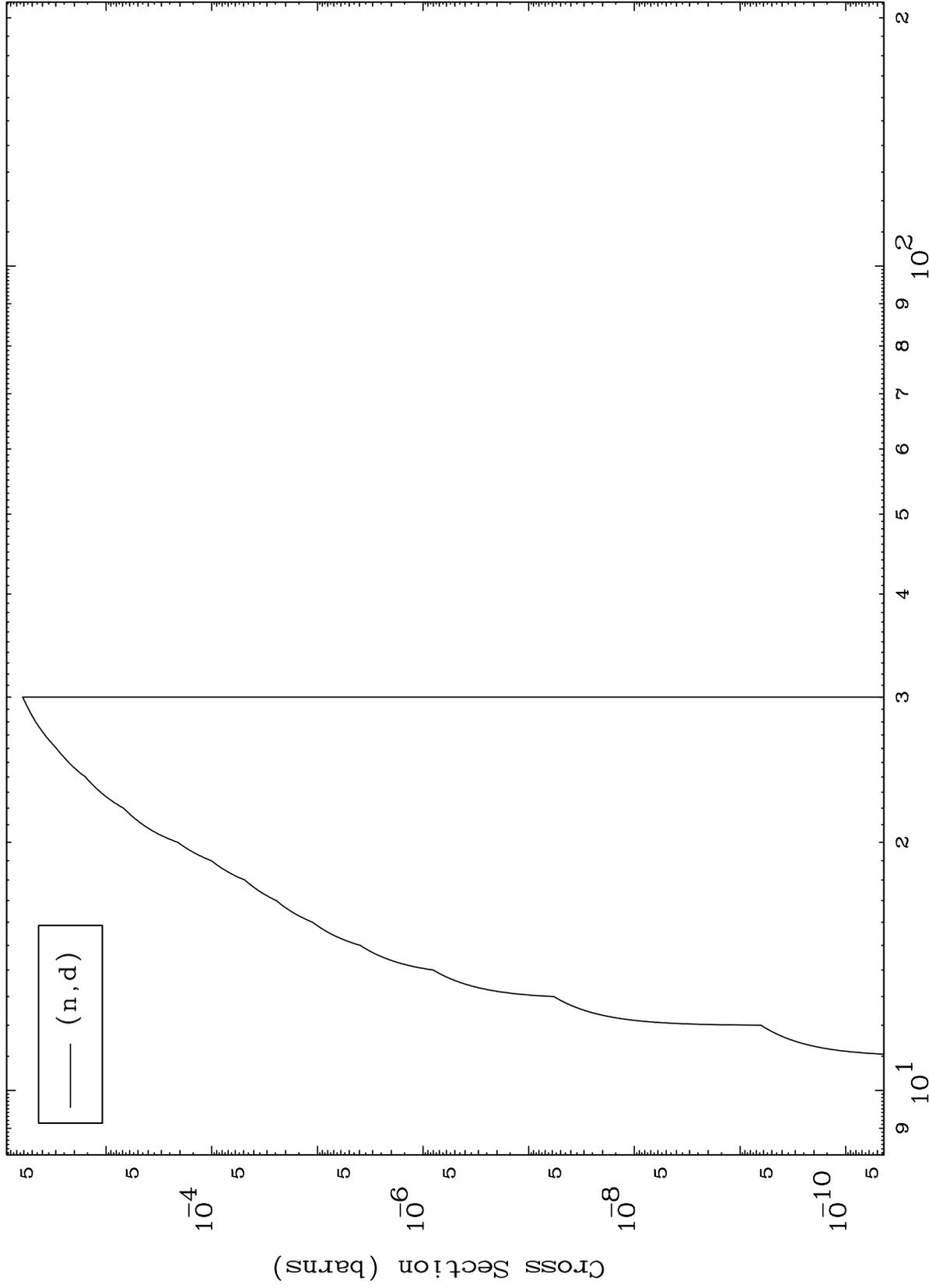
7

MAT 4516

(α, d) Levels

45-Rh-100

0 Kelvin Cross Sections



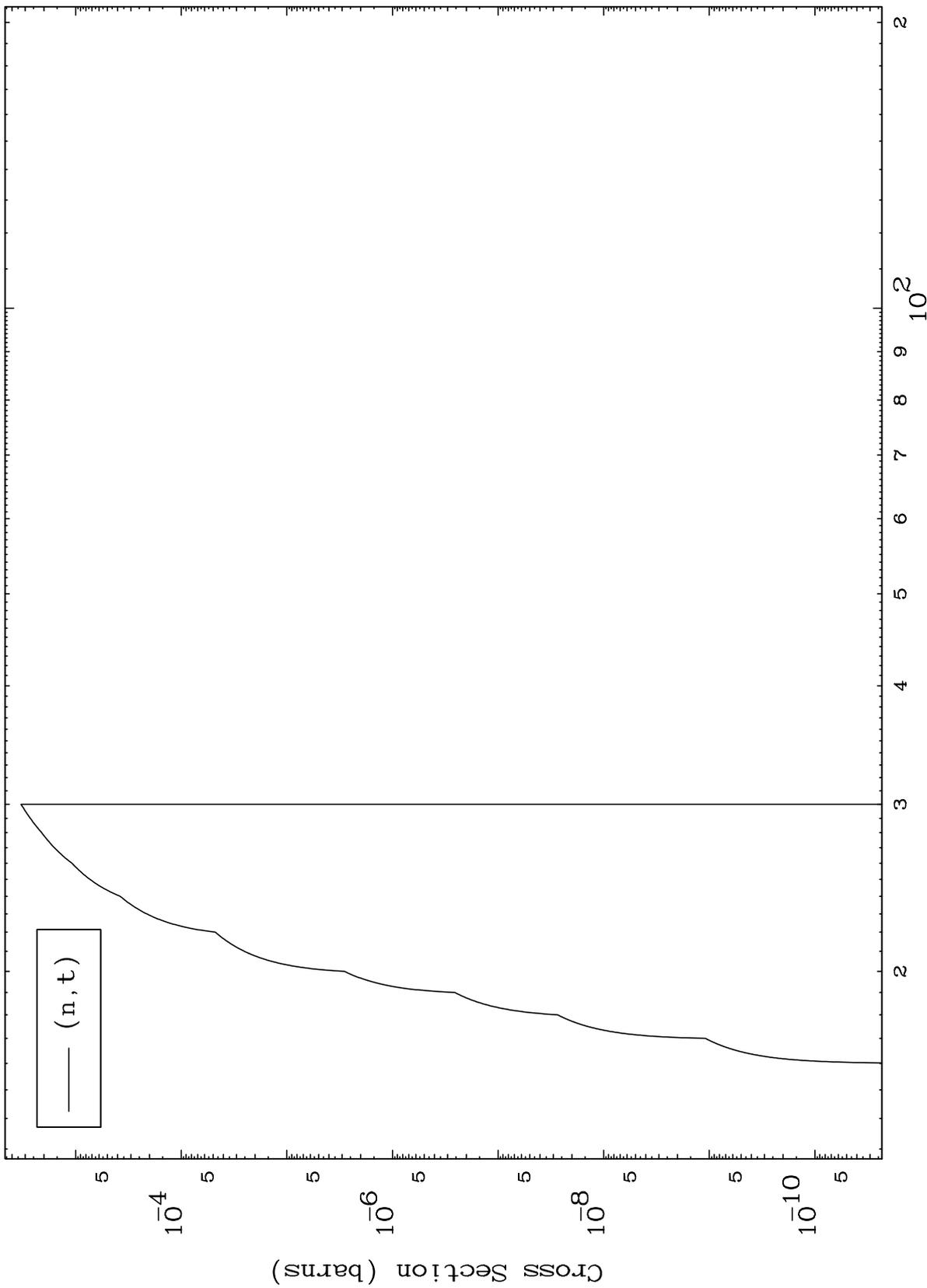
Incident Energy (MeV)

45-Rh-100

MAT 4516

45-Rh-100

(α, t) Levels
0 Kelvin Cross Sections



9

45-Rh-100

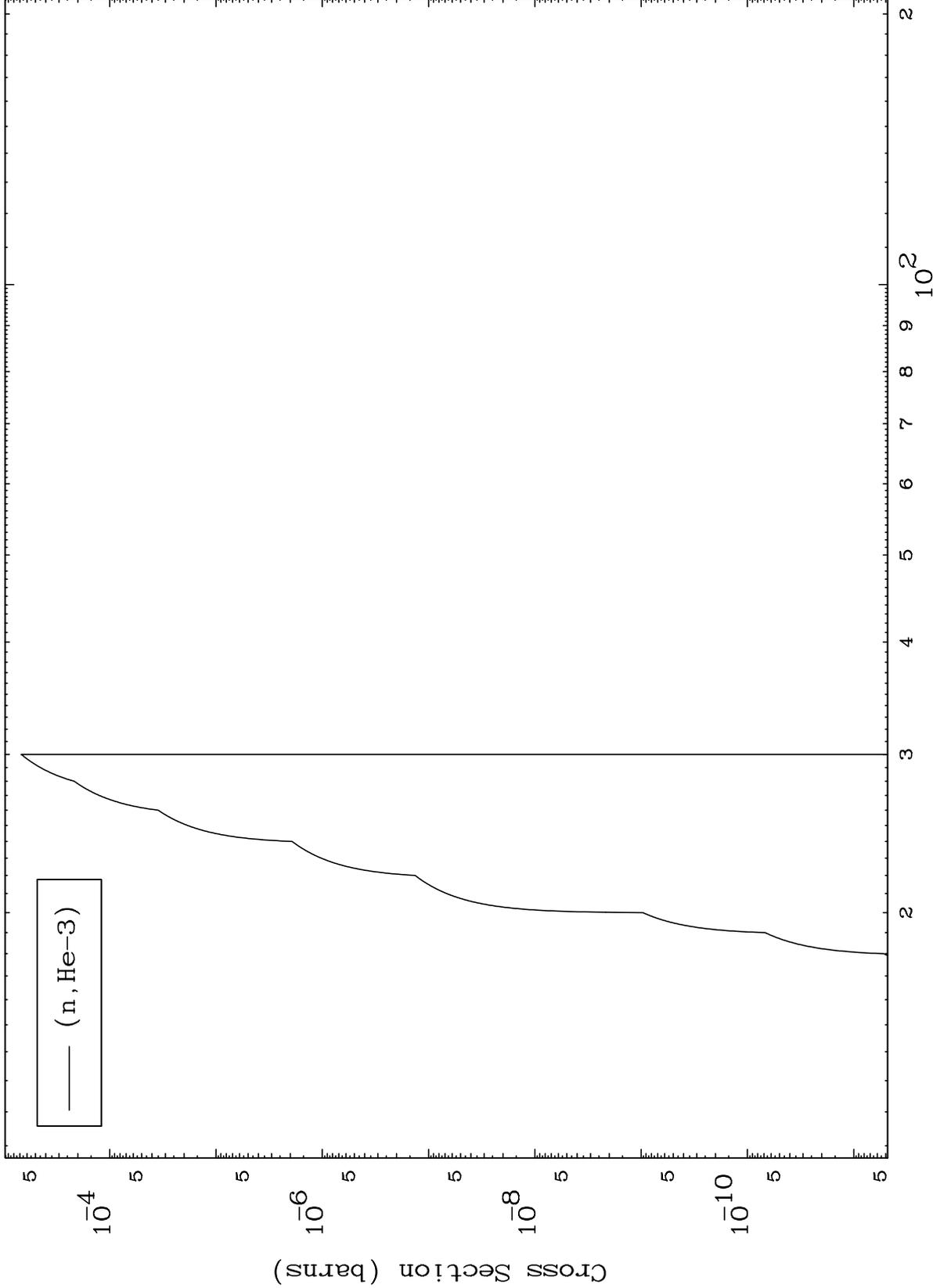
Incident Energy (MeV)

MAT 4516

($\alpha, \text{He}3$) Levels

45-Rh-100

0 Kelvin Cross Sections



10

Incident Energy (MeV)

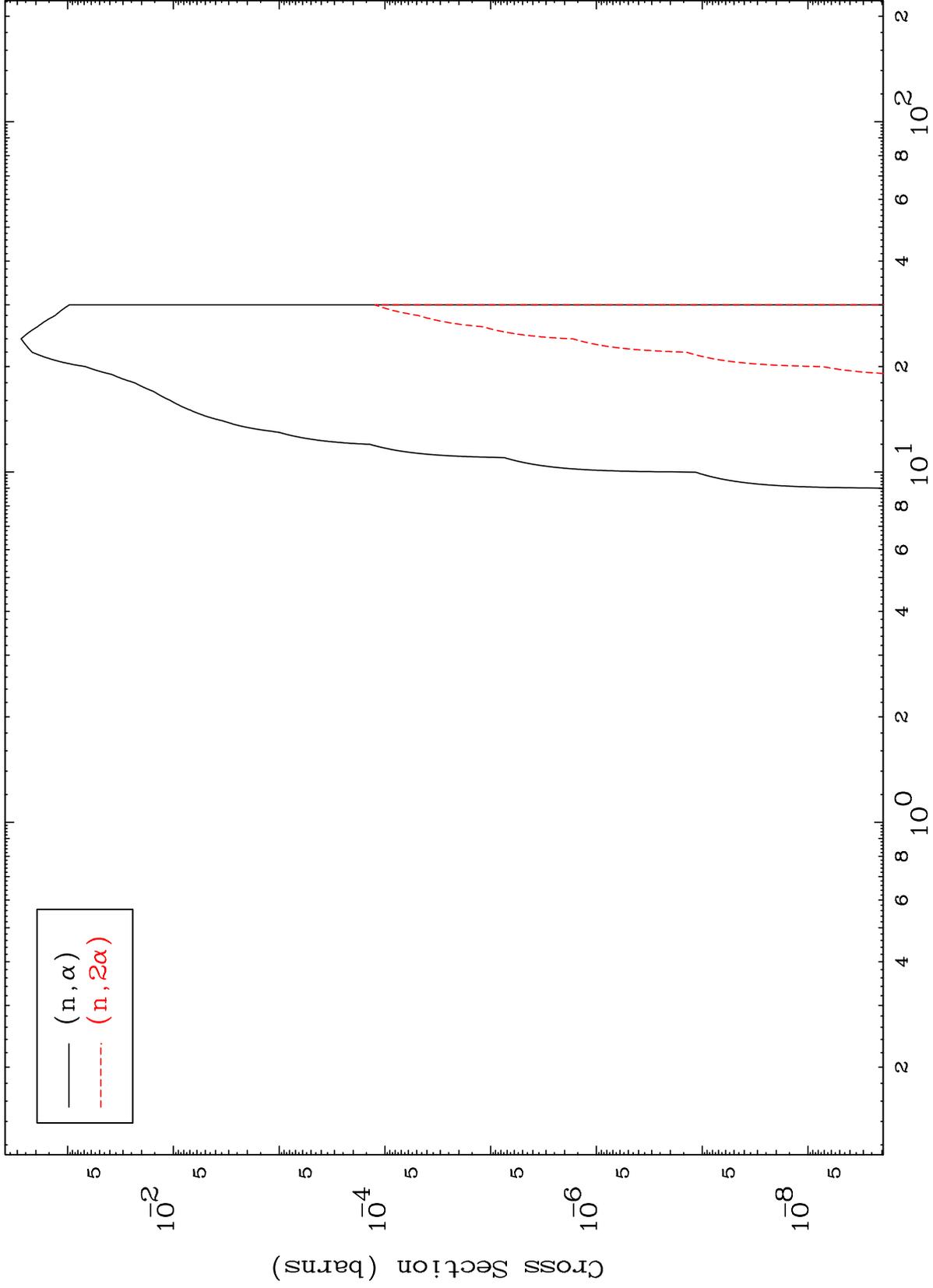
45-Rh-100

MAT 4516

(α, α) Levels

45-Rh-100

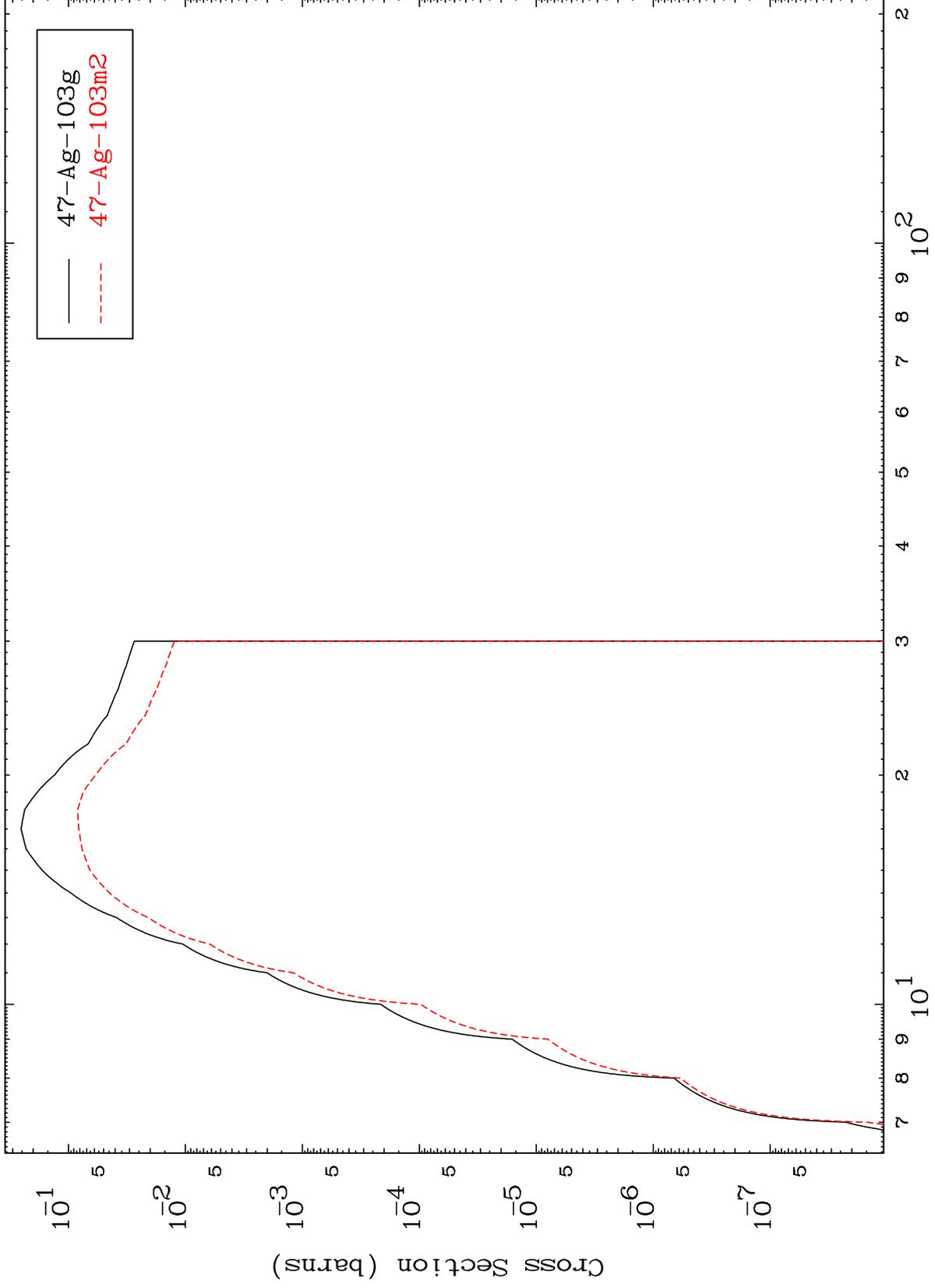
0 Kelvin Cross Sections



MAT 4516

Inelastic
Radionuclide Production Cross Section

45-Rh-100



12

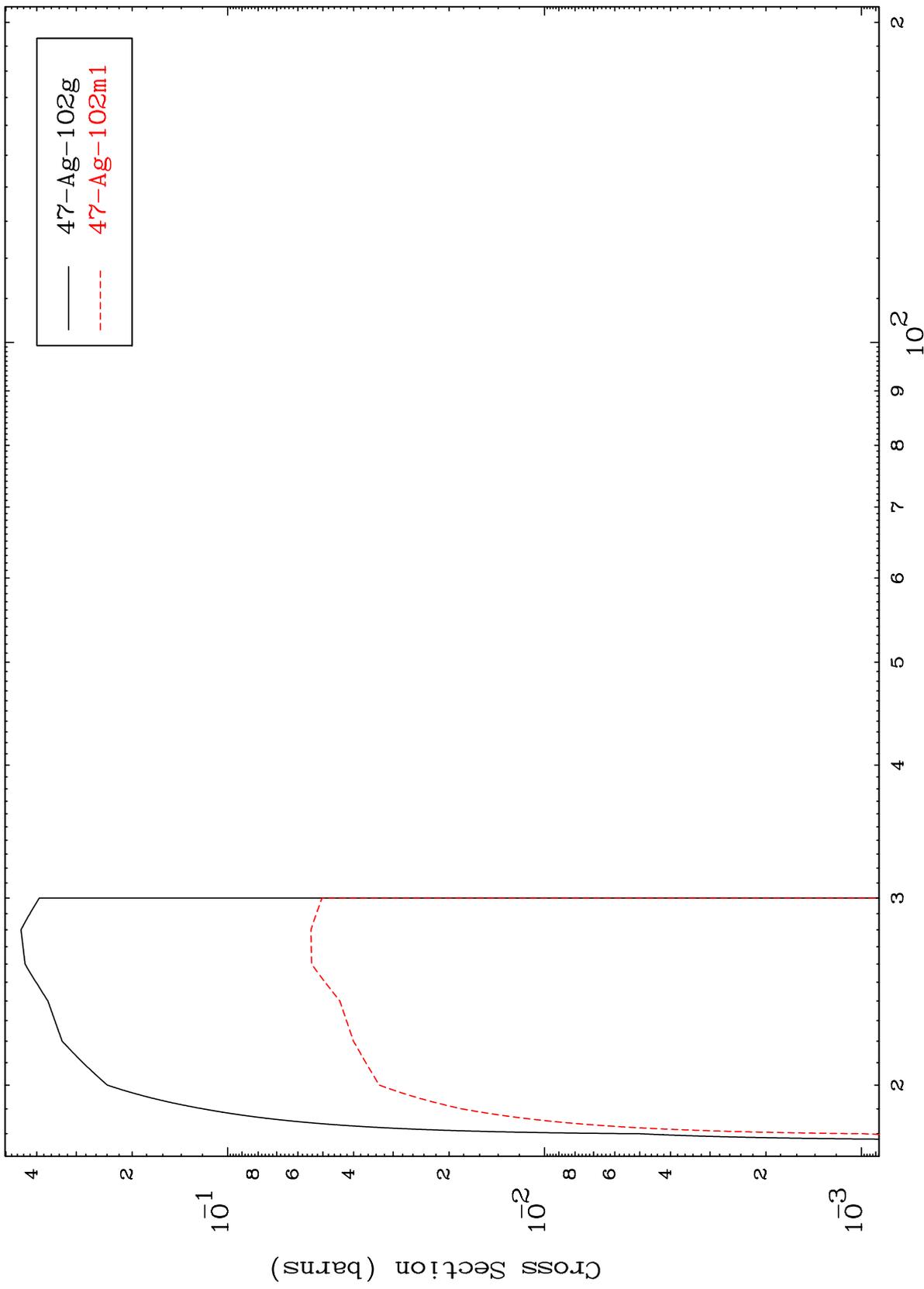
Incident Energy (MeV)

45-Rh-100

MAT 4516

45-Rh-100

(n,2n)
Radionuclide Production Cross Section



13

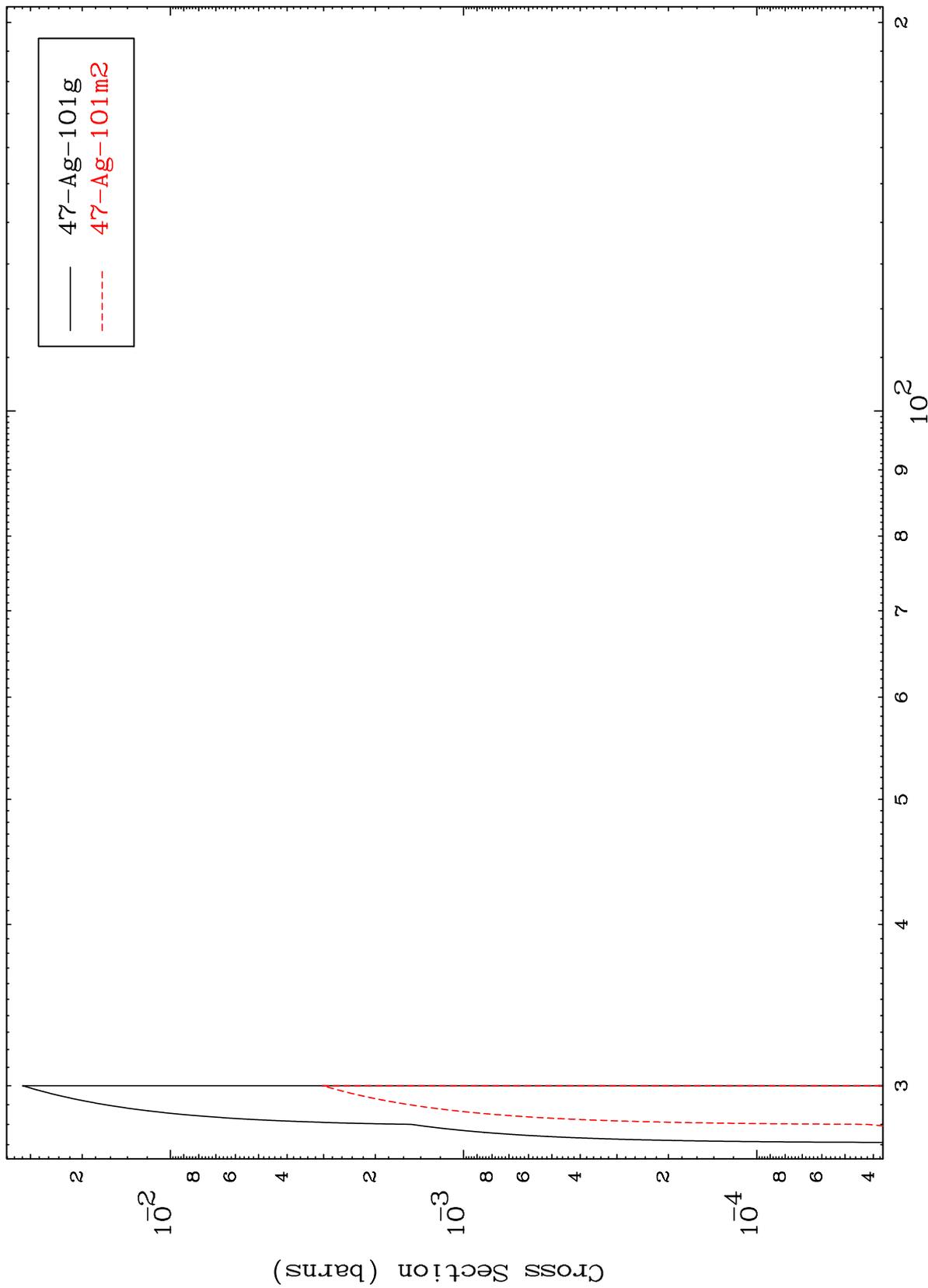
Incident Energy (MeV)

45-Rh-100

MAT 4516

45-Rh-100

(n,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

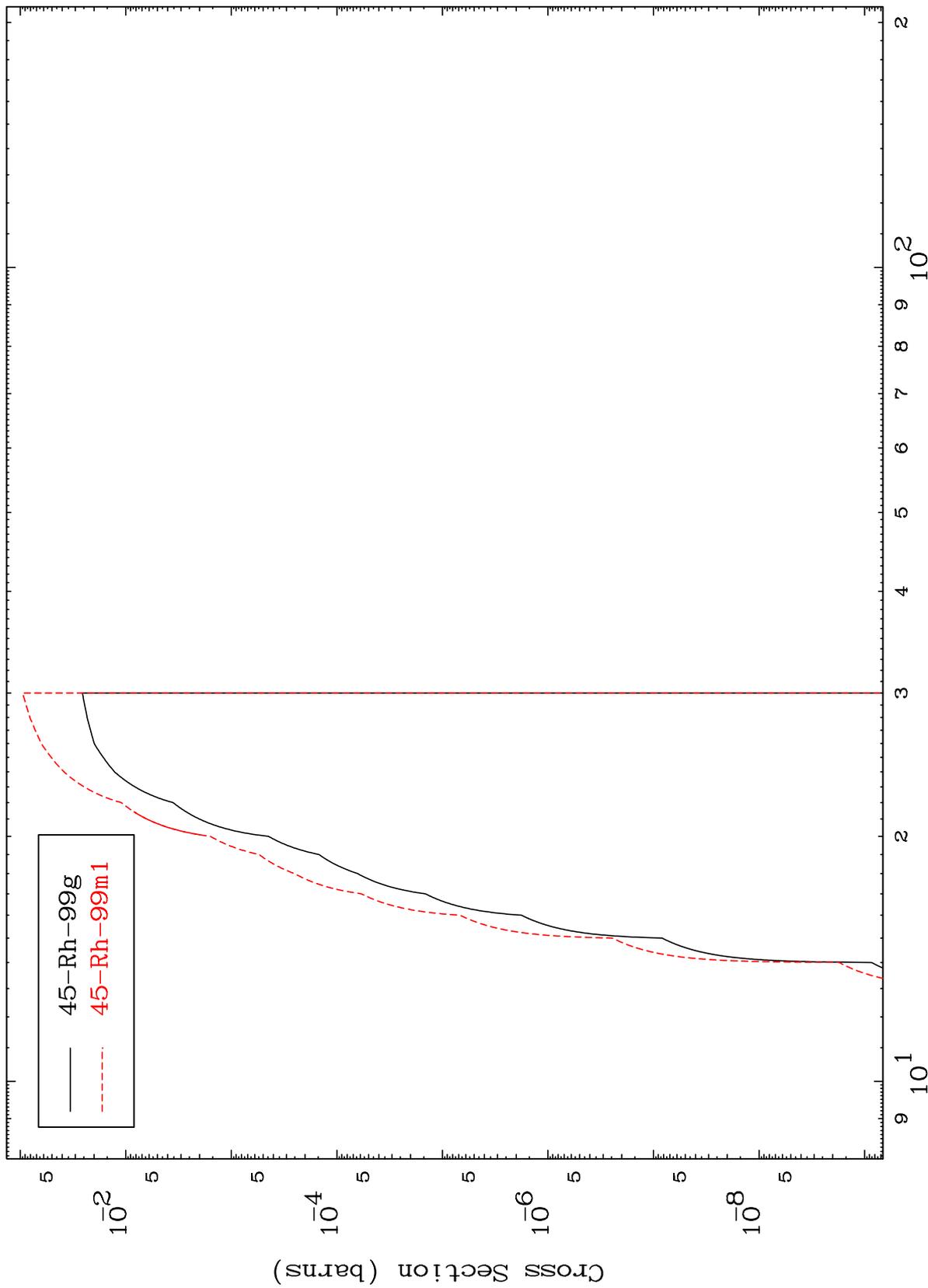
45-Rh-100

MAT 4516

(n,n') α

45-Rh-100

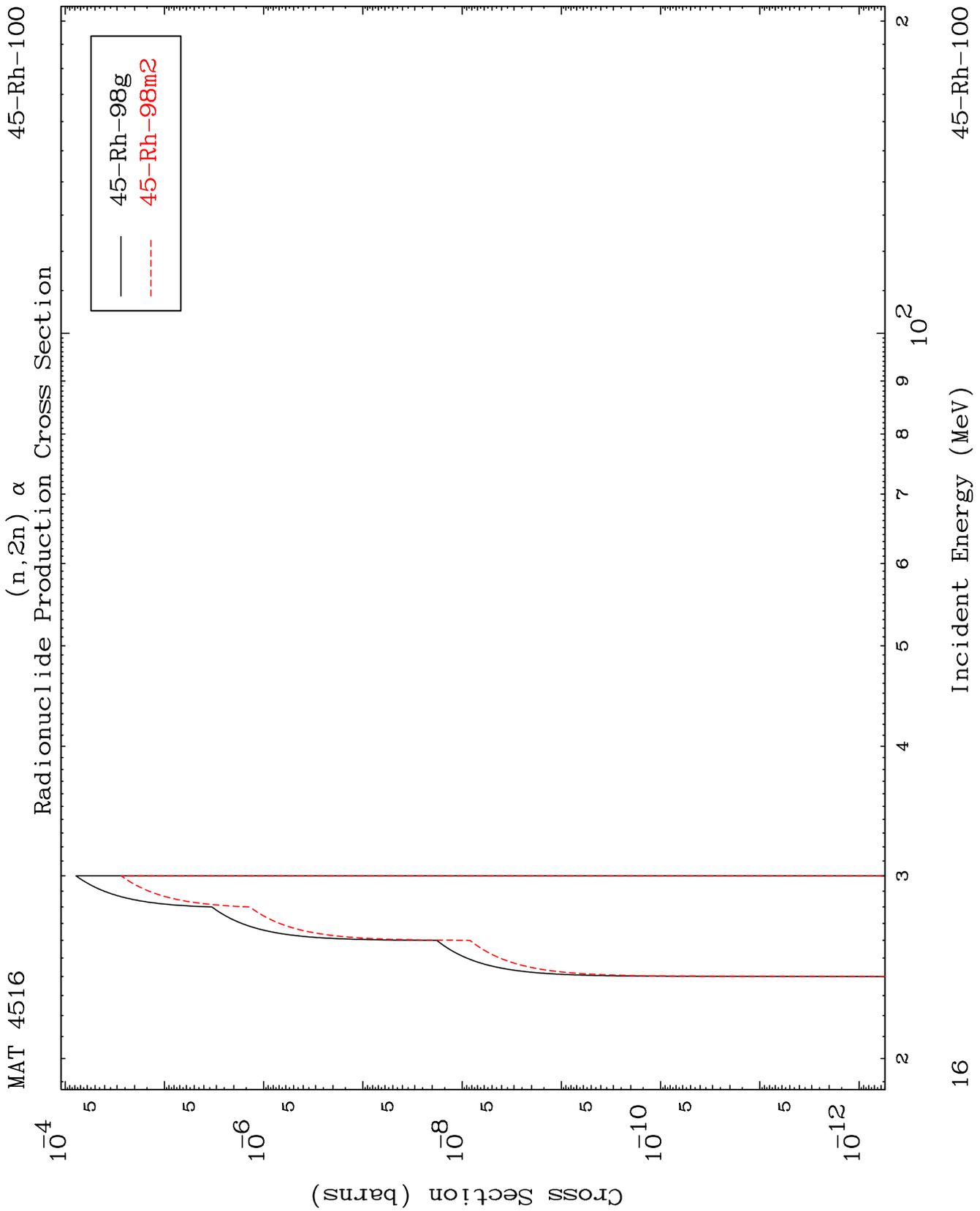
Radionuclide Production Cross Section



15

Incident Energy (MeV)

45-Rh-100

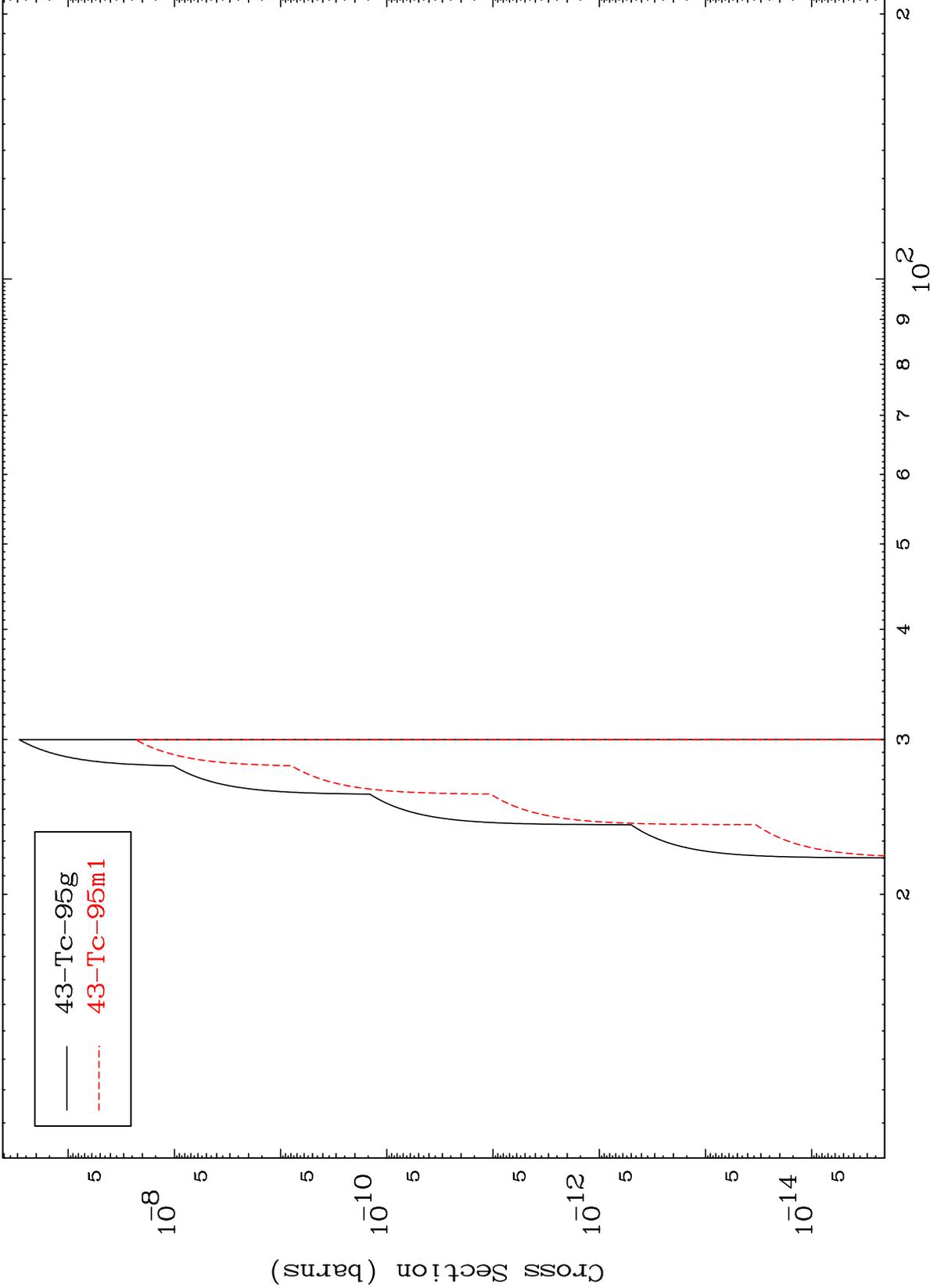


MAT 4516

(n,n') 2α

45-Rh-100

Radionuclide Production Cross Section



17

Incident Energy (MeV)

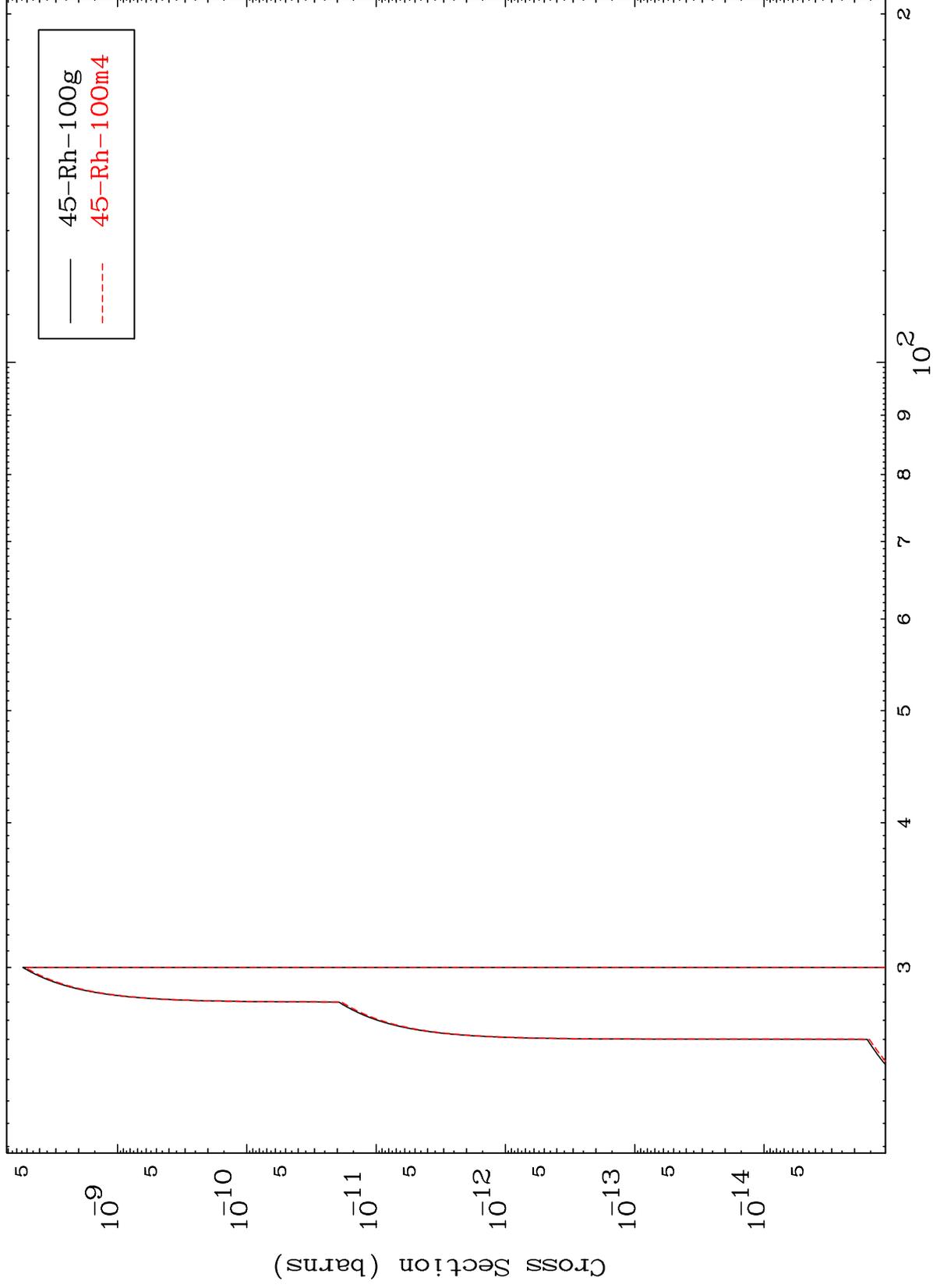
45-Rh-100

MAT 4516

(n,n') He-3

45-Rh-100

Radionuclide Production Cross Section



18

Incident Energy (MeV)

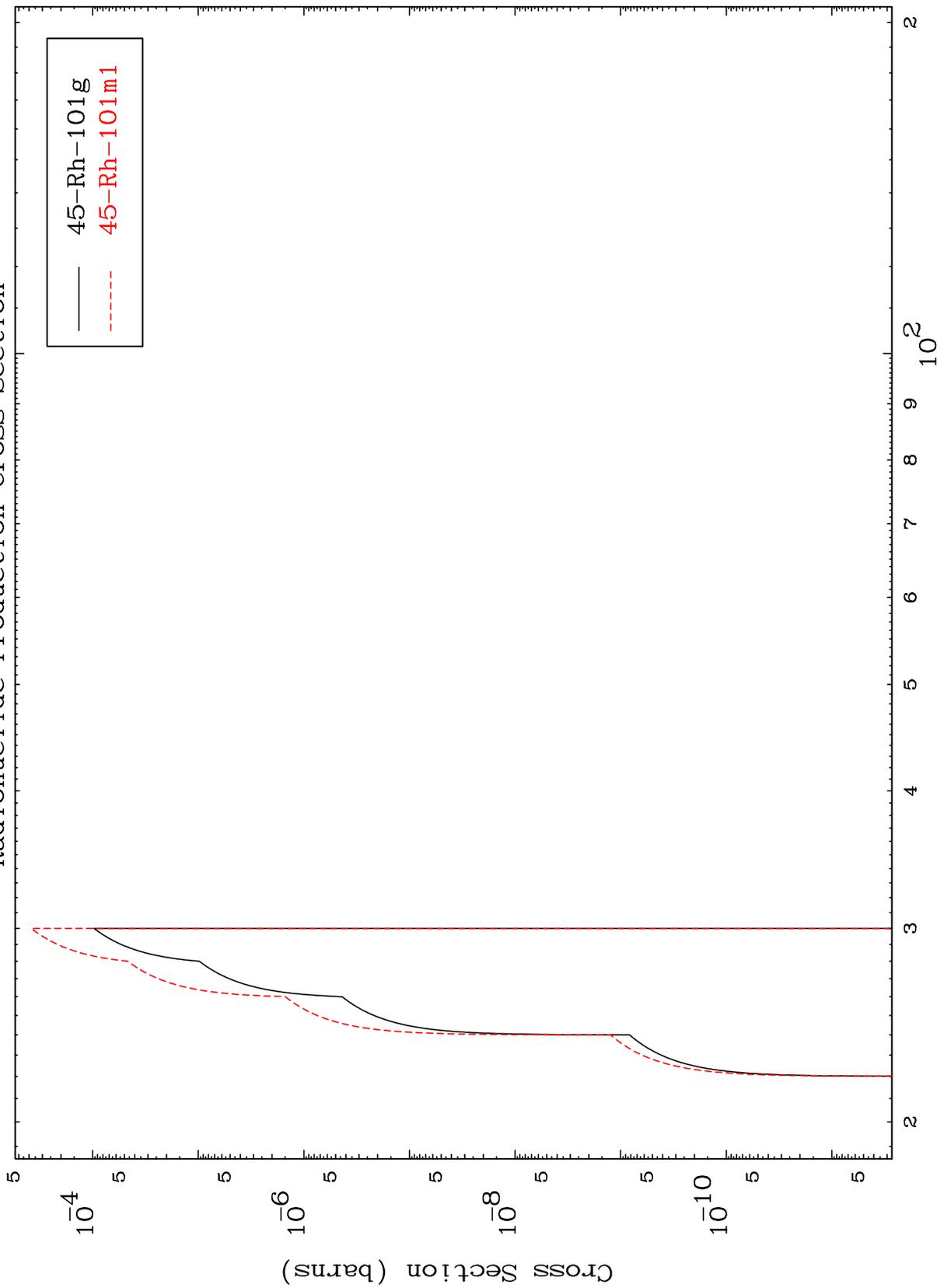
45-Rh-100

MAT 4516

(n,2n) p

45-Rh-100

Radionuclide Production Cross Section



19

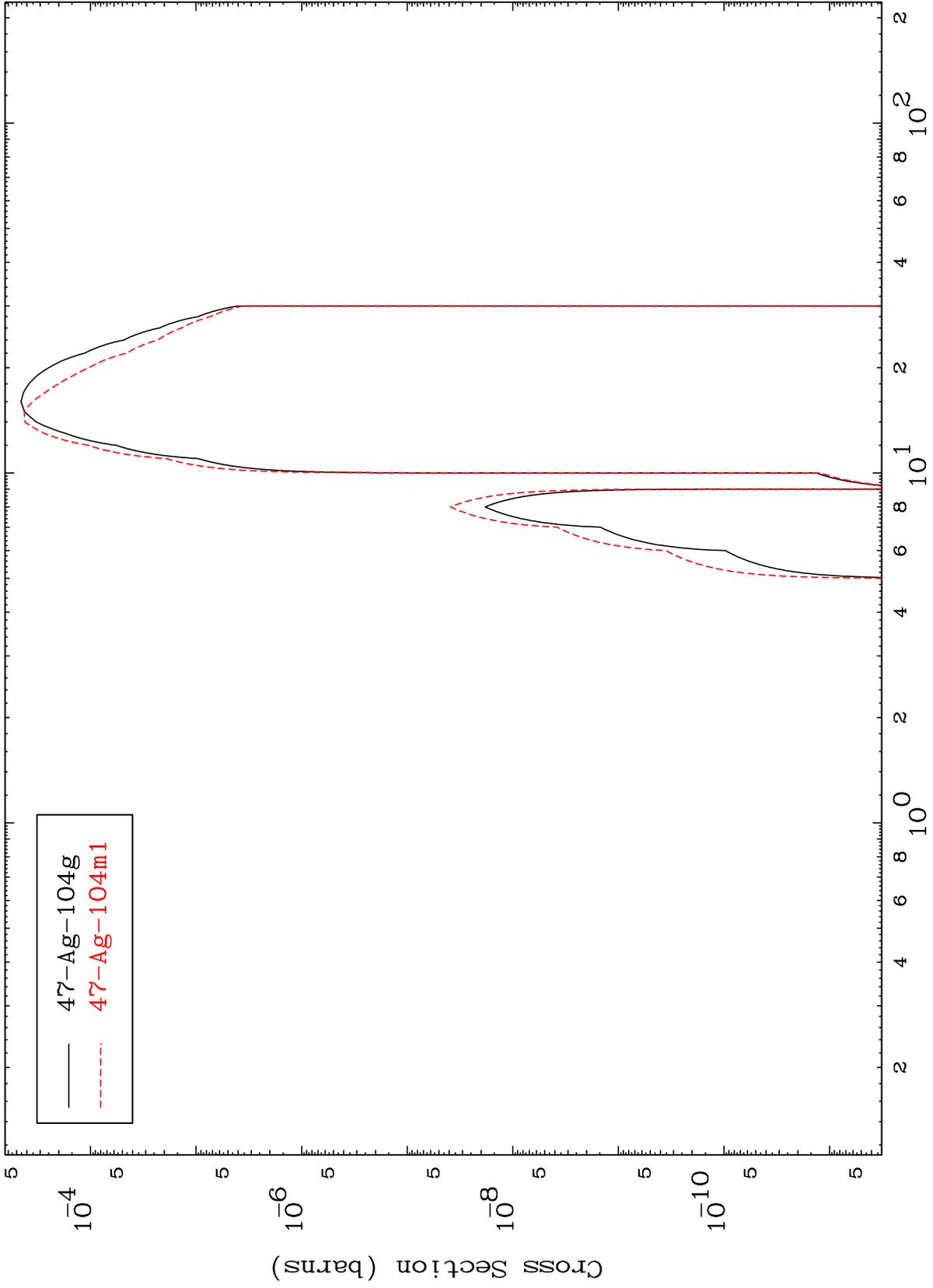
Incident Energy (MeV)

45-Rh-100

MAT 4516

45-Rh-100

(n, γ)
Radionuclide Production Cross Section



45-Rh-100

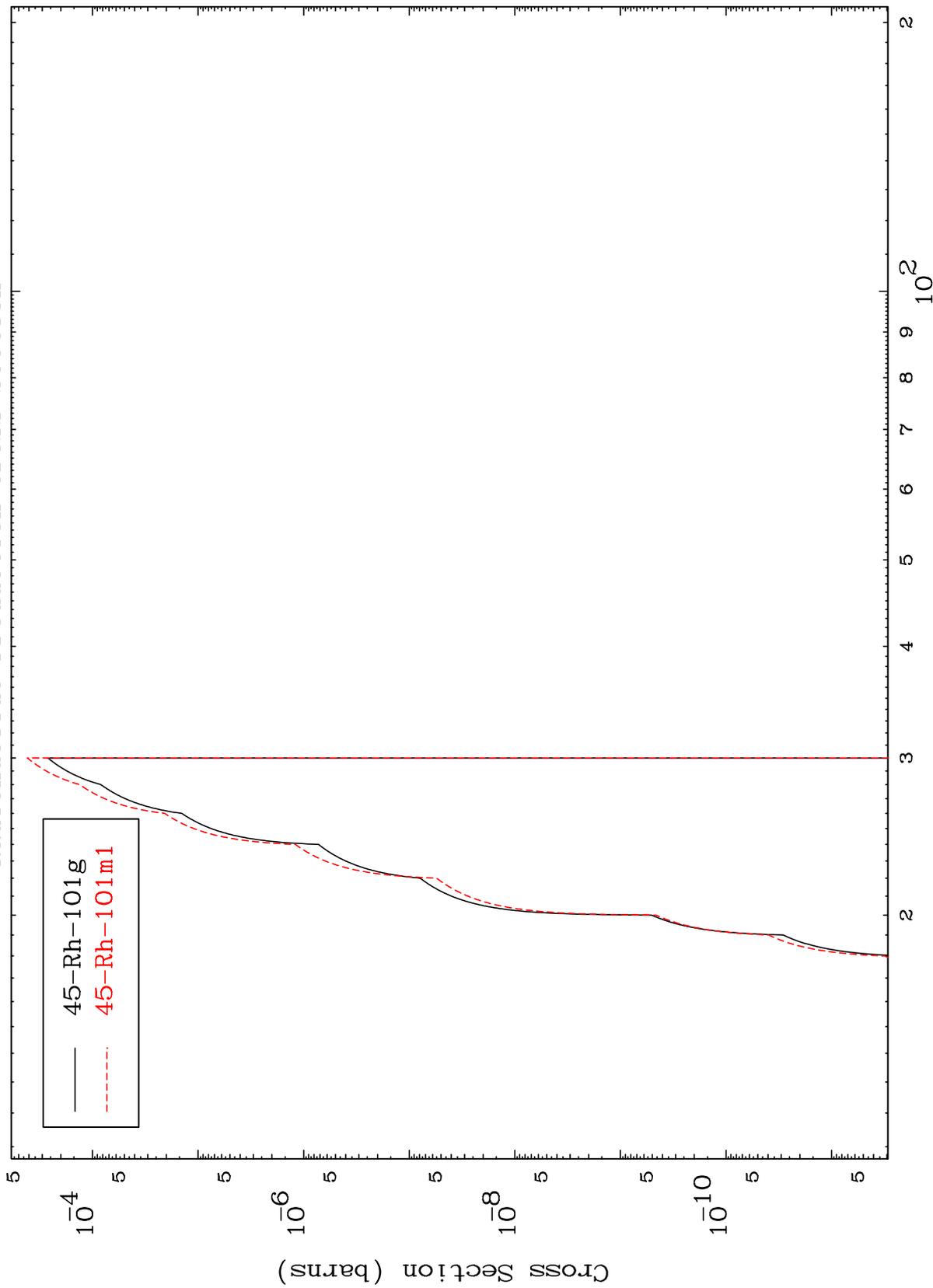
Incident Energy (MeV)

20

MAT 4516

45-Rh-100

Radionuclide Production Cross Section
(n,He-3)



Incident Energy (MeV)

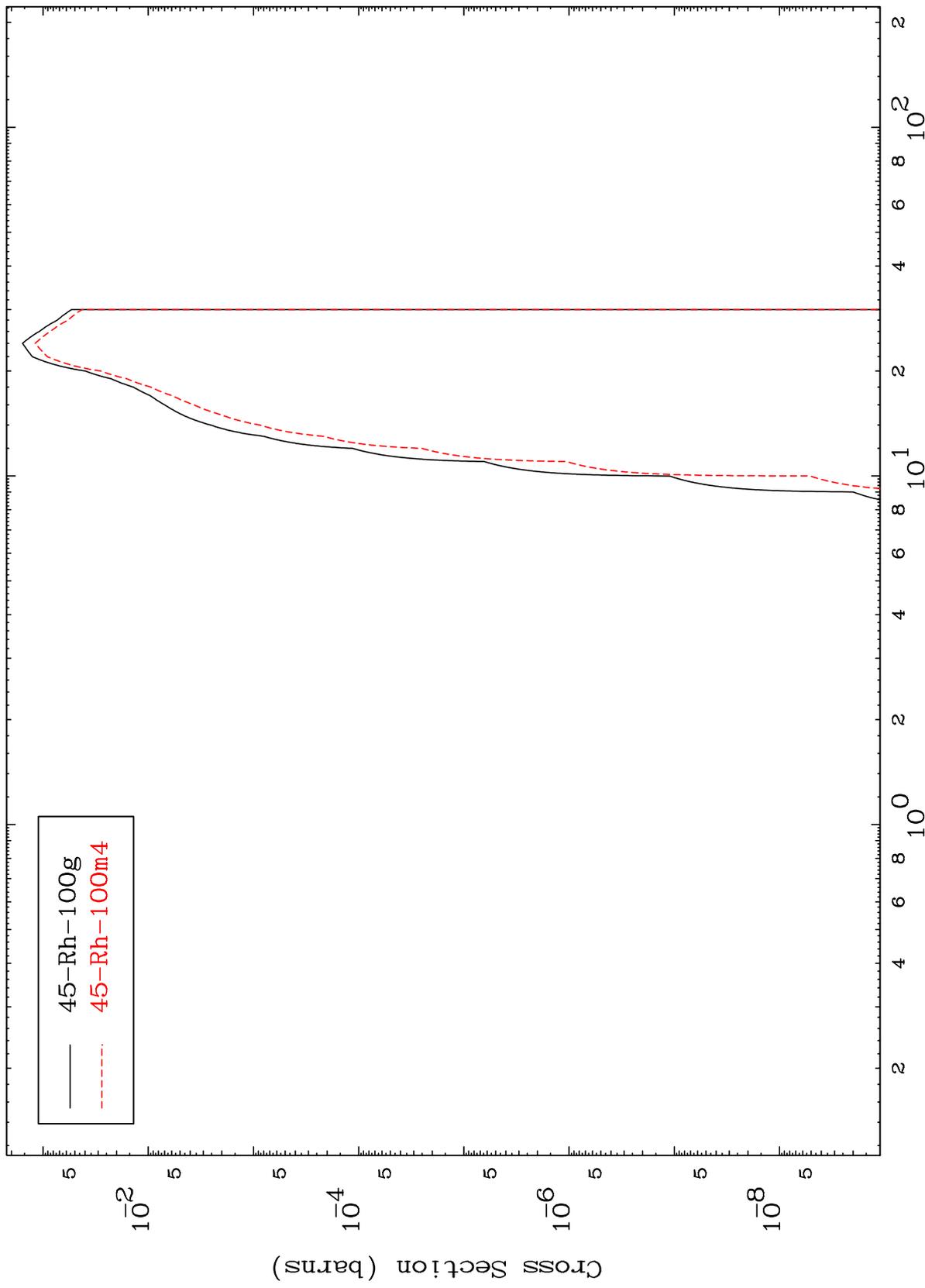
45-Rh-100

21

MAT 4516

45-Rh-100

Radionuclide Production Cross Section



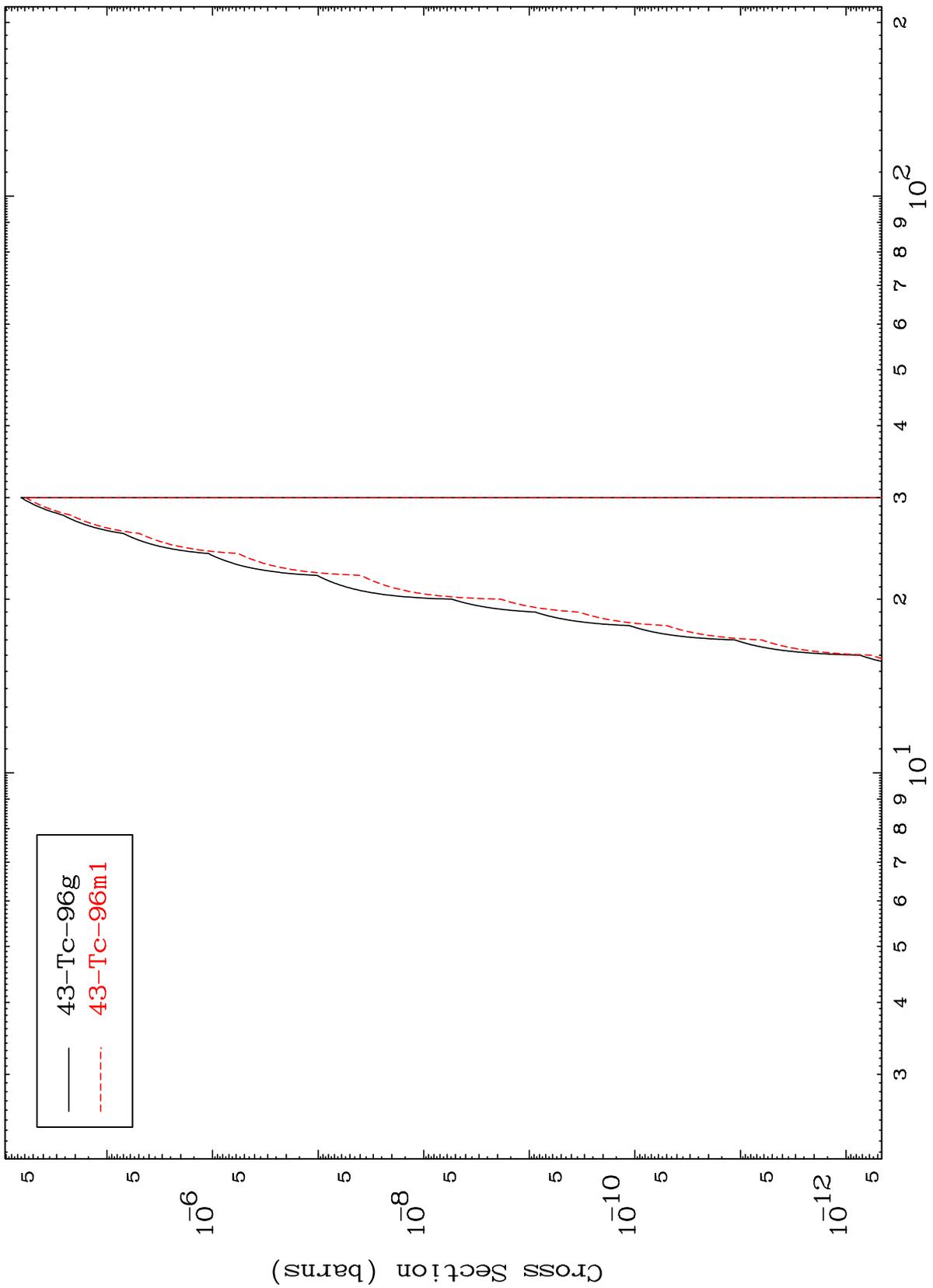
45-Rh-100

Incident Energy (MeV)

MAT 4516

45-Rh-100

(n,2α)
Radionuclide Production Cross Section



23

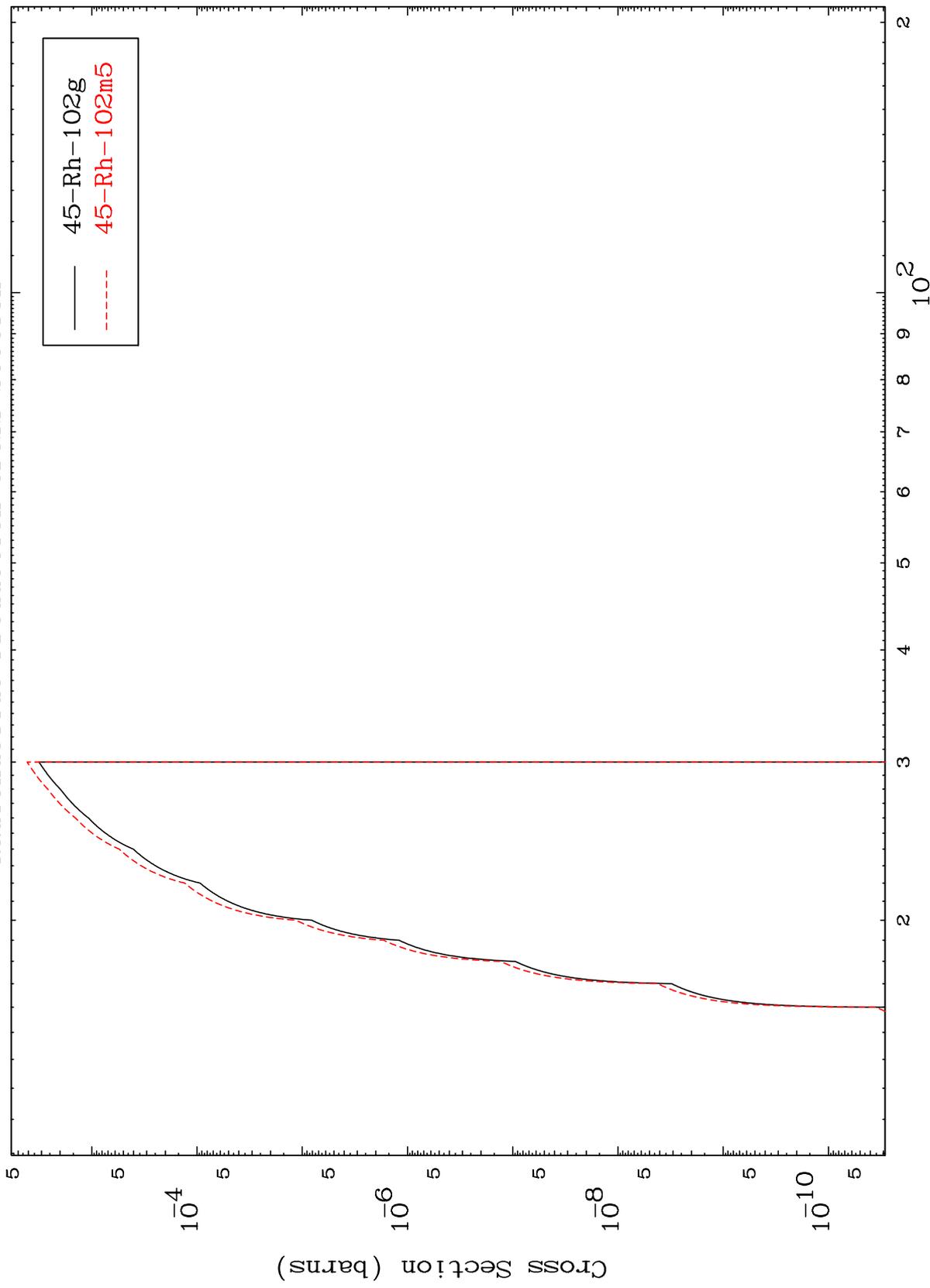
Incident Energy (MeV)

45-Rh-100

MAT 4516

45-Rh-100

(n,2p)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

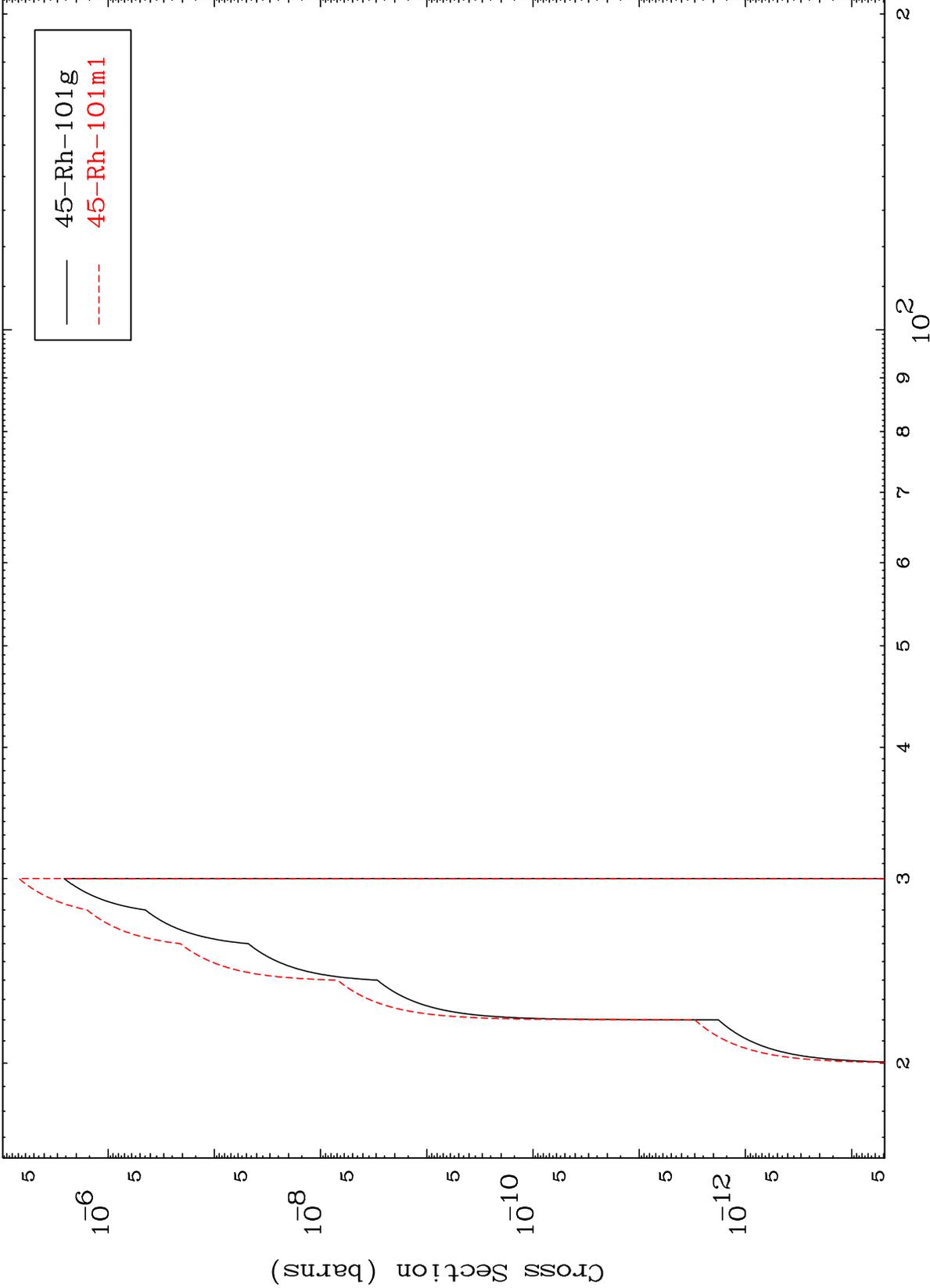
45-Rh-100

MAT 4516

(n,p) d

45-Rh-100

Radionuclide Production Cross Section



25

Incident Energy (MeV)

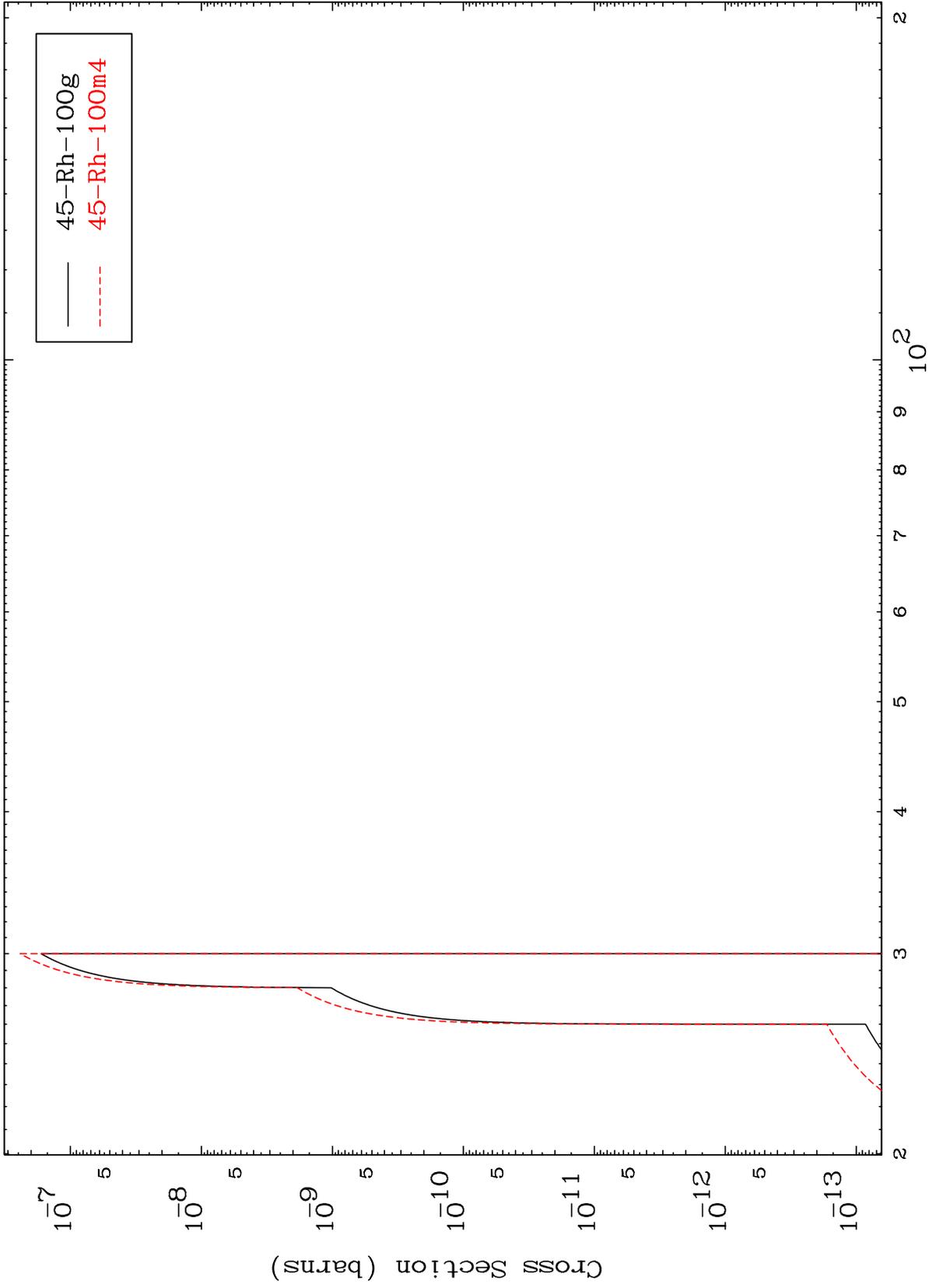
45-Rh-100

MAT 4516

(n,p) t

45-Rh-100

Radionuclide Production Cross Section



26

Incident Energy (MeV)

45-Rh-100