

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

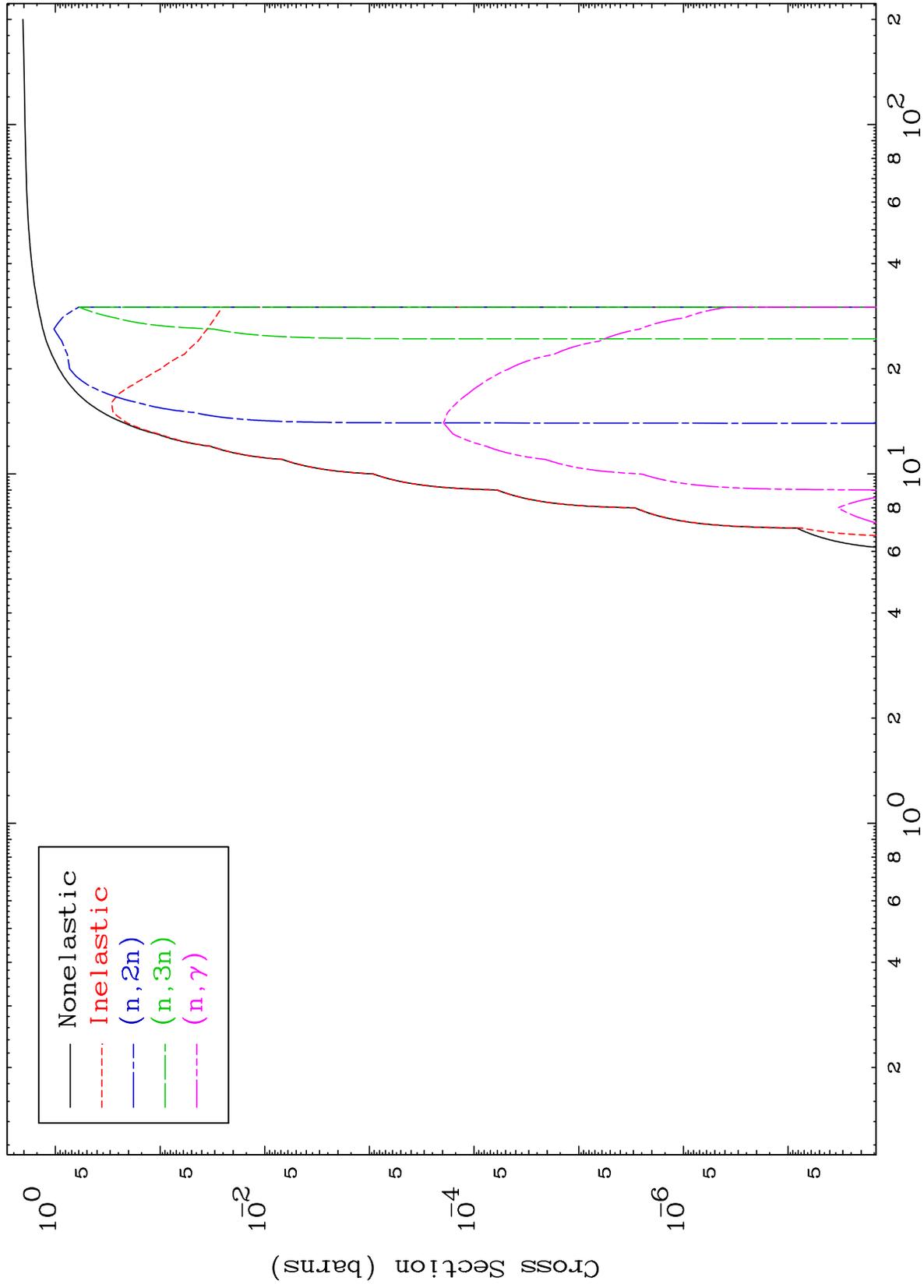
Press Mouse Button to Start

MAT 4443

0 Kelvin

α Major Cross Sections

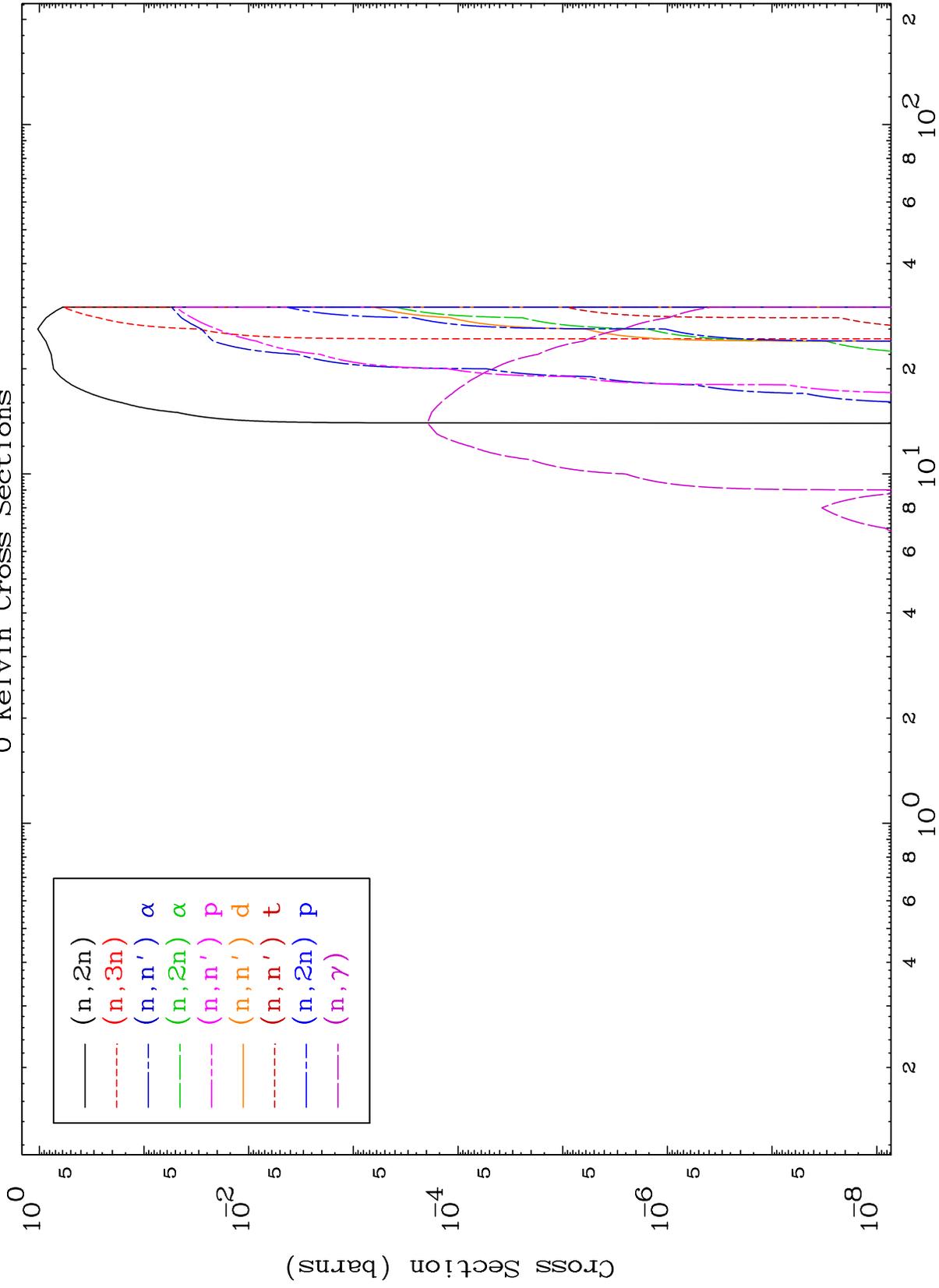
44-Ru-102



MAT 4443

α Neutron Absorption
0 Kelvin Cross Sections

44-Ru-102



2

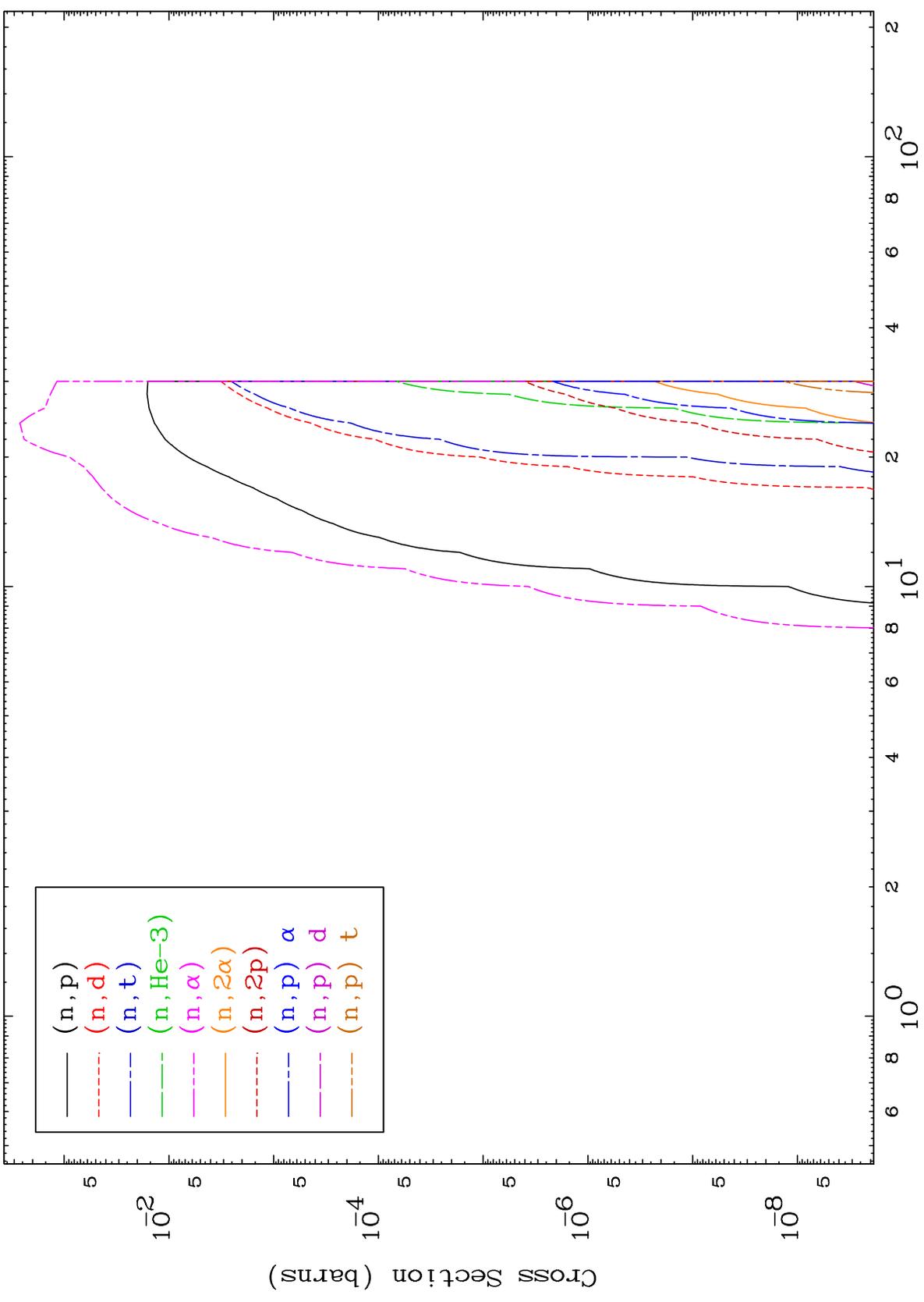
Incident Energy (MeV)

44-Ru-102

MAT 4443

α Neutron Absorption
0 Kelvin Cross Sections

44-Ru-102



3

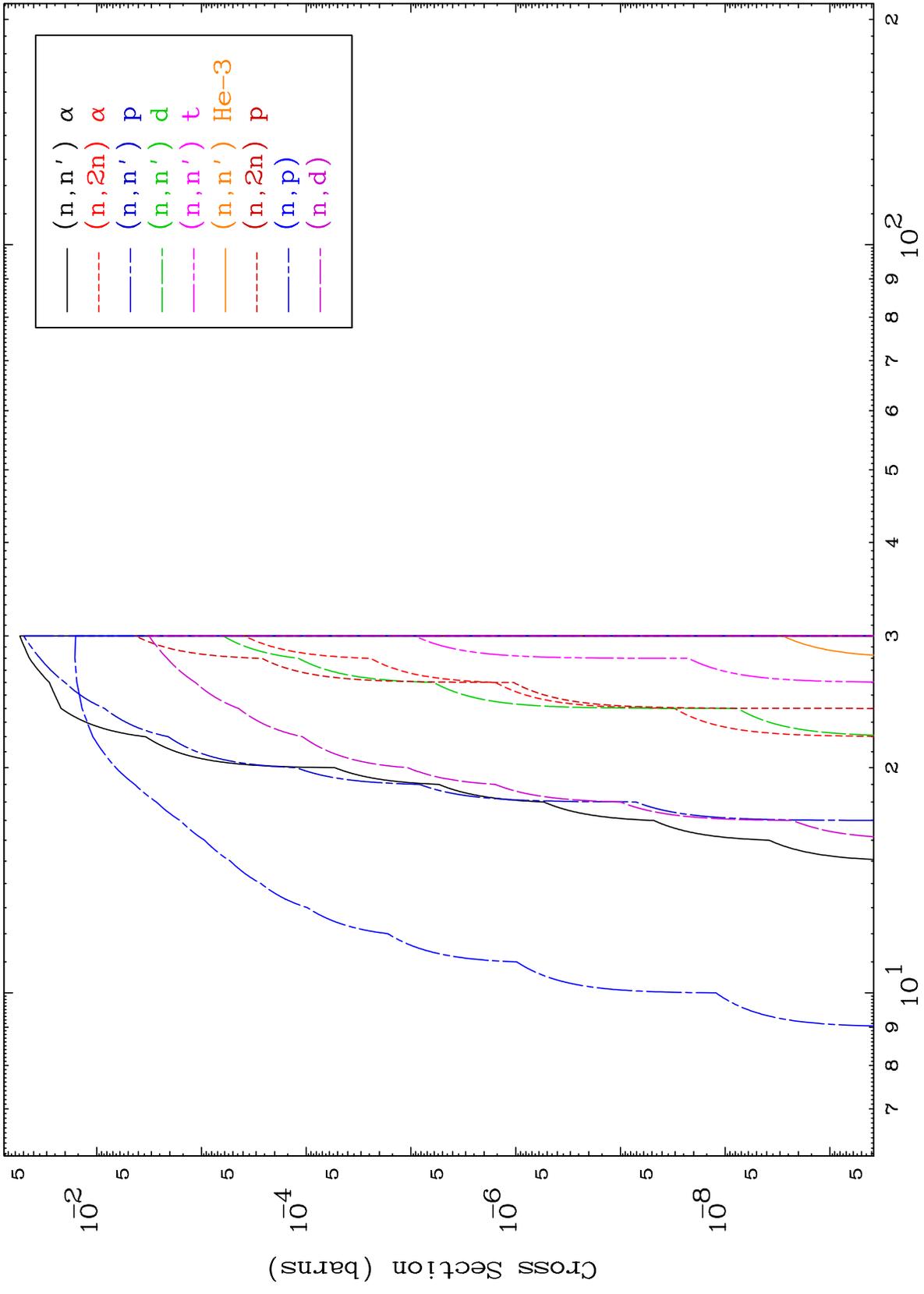
Incident Energy (MeV)

44-Ru-102

MAT 4443

α Charged Particle
0 Kelvin Cross Sections

44-Ru-102



4

Incident Energy (MeV)

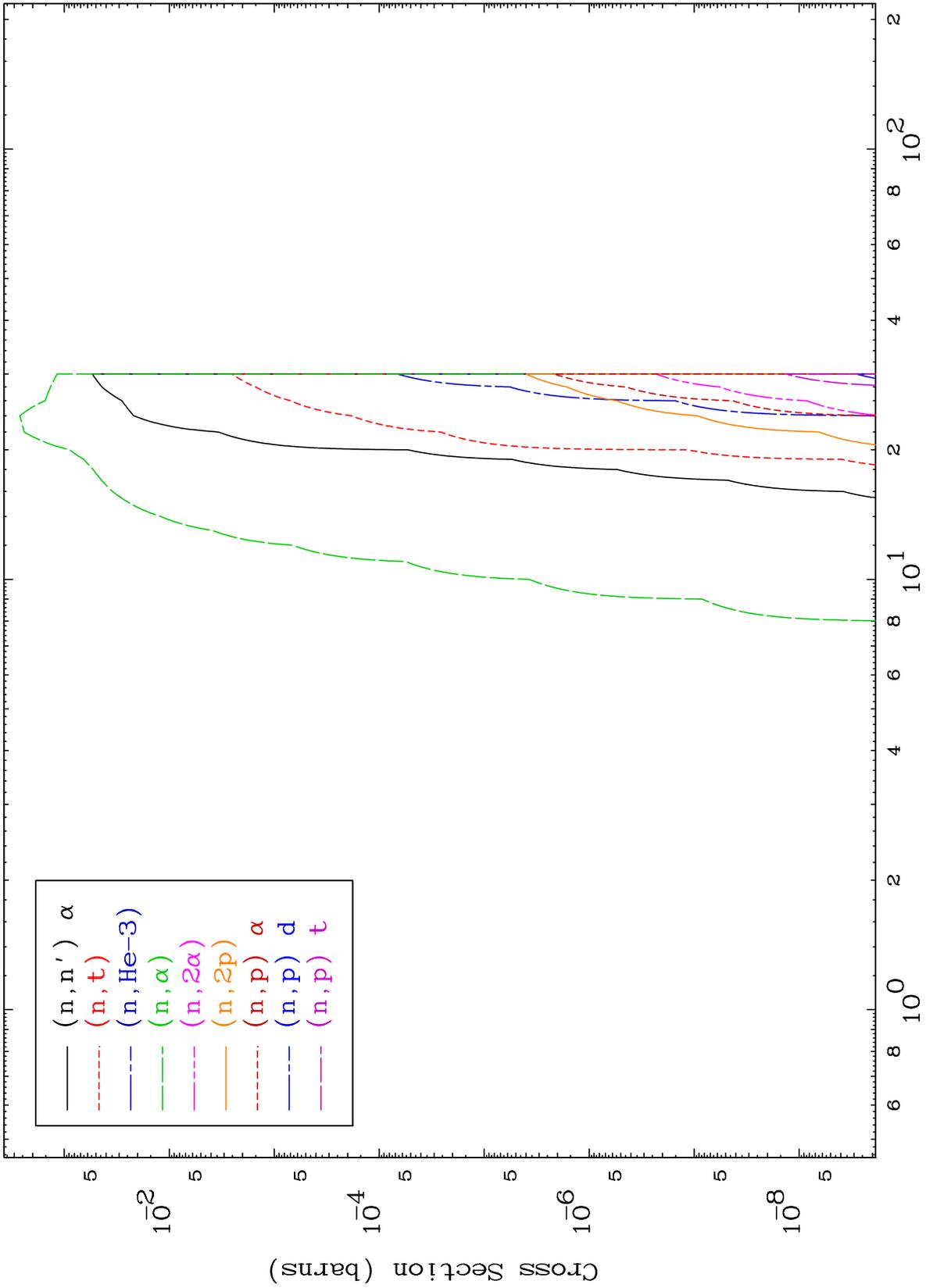
44-Ru-102

MAT 4443

α Charged Particle

44-Ru-102

0 Kelvin Cross Sections



5

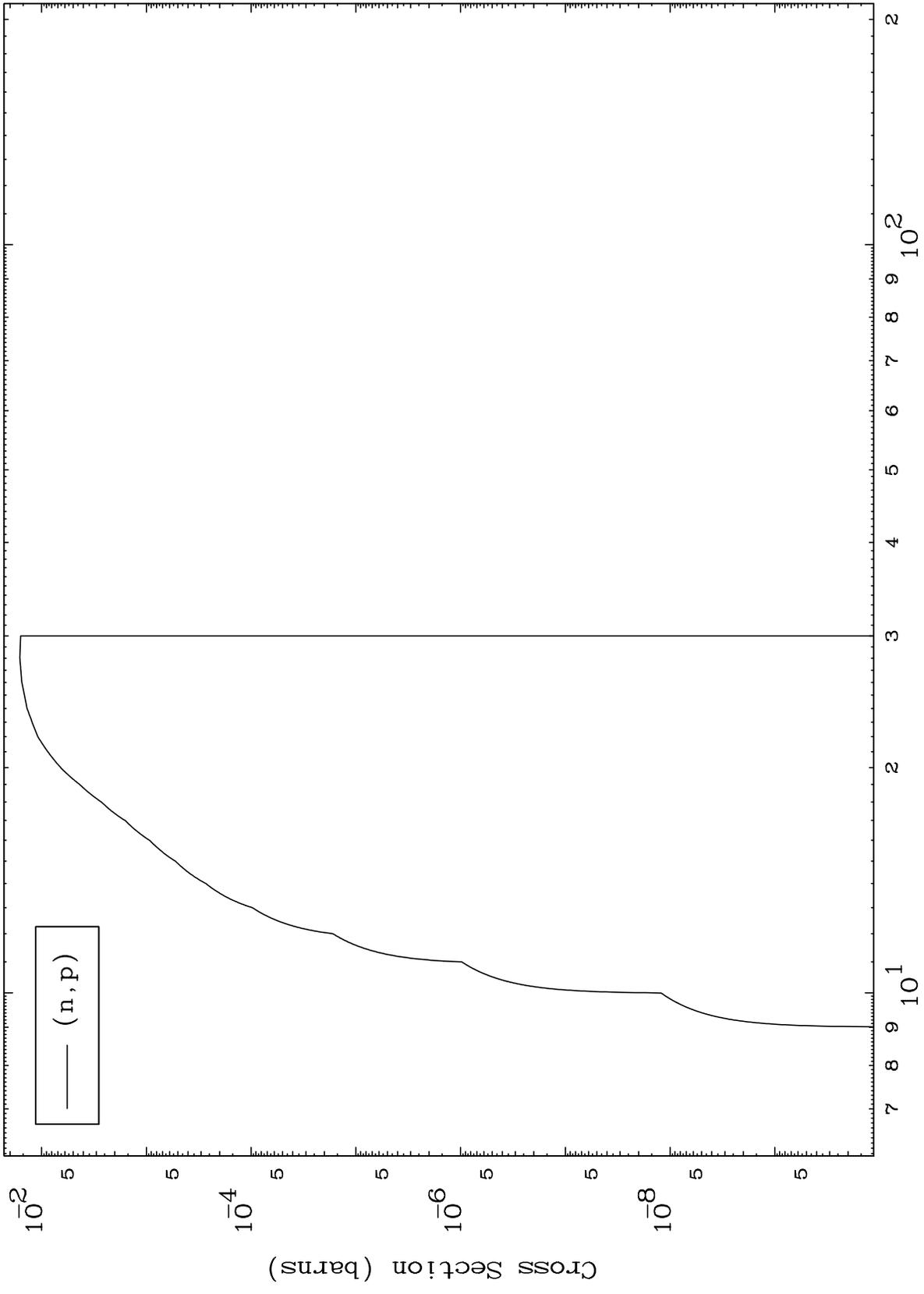
Incident Energy (MeV)

44-Ru-102

MAT 4443

(α, p) Levels
0 Kelvin Cross Sections

44-Ru-102



6

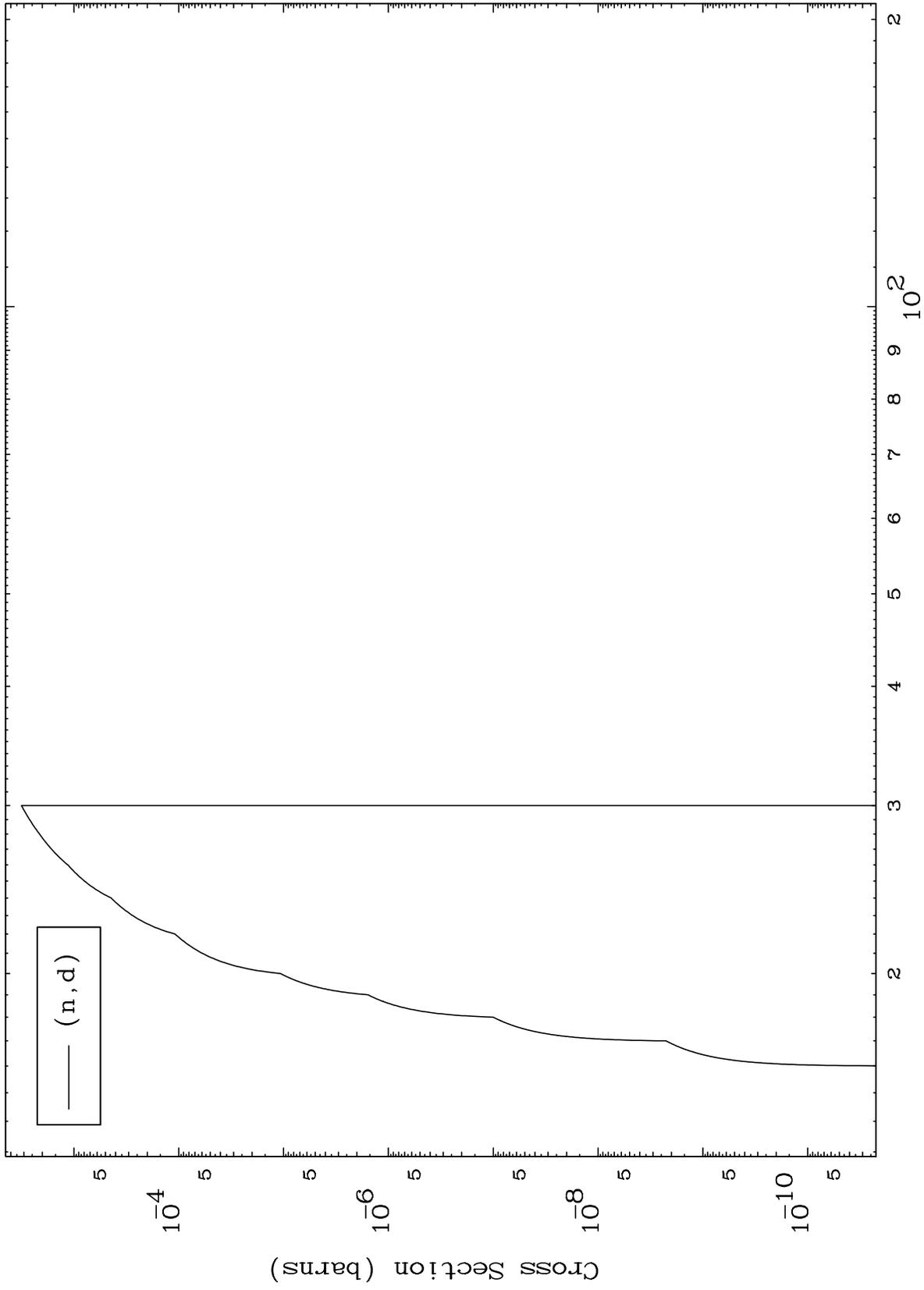
Incident Energy (MeV)

44-Ru-102

MAT 4443

(α, d) Levels
0 Kelvin Cross Sections

44-Ru-102



7

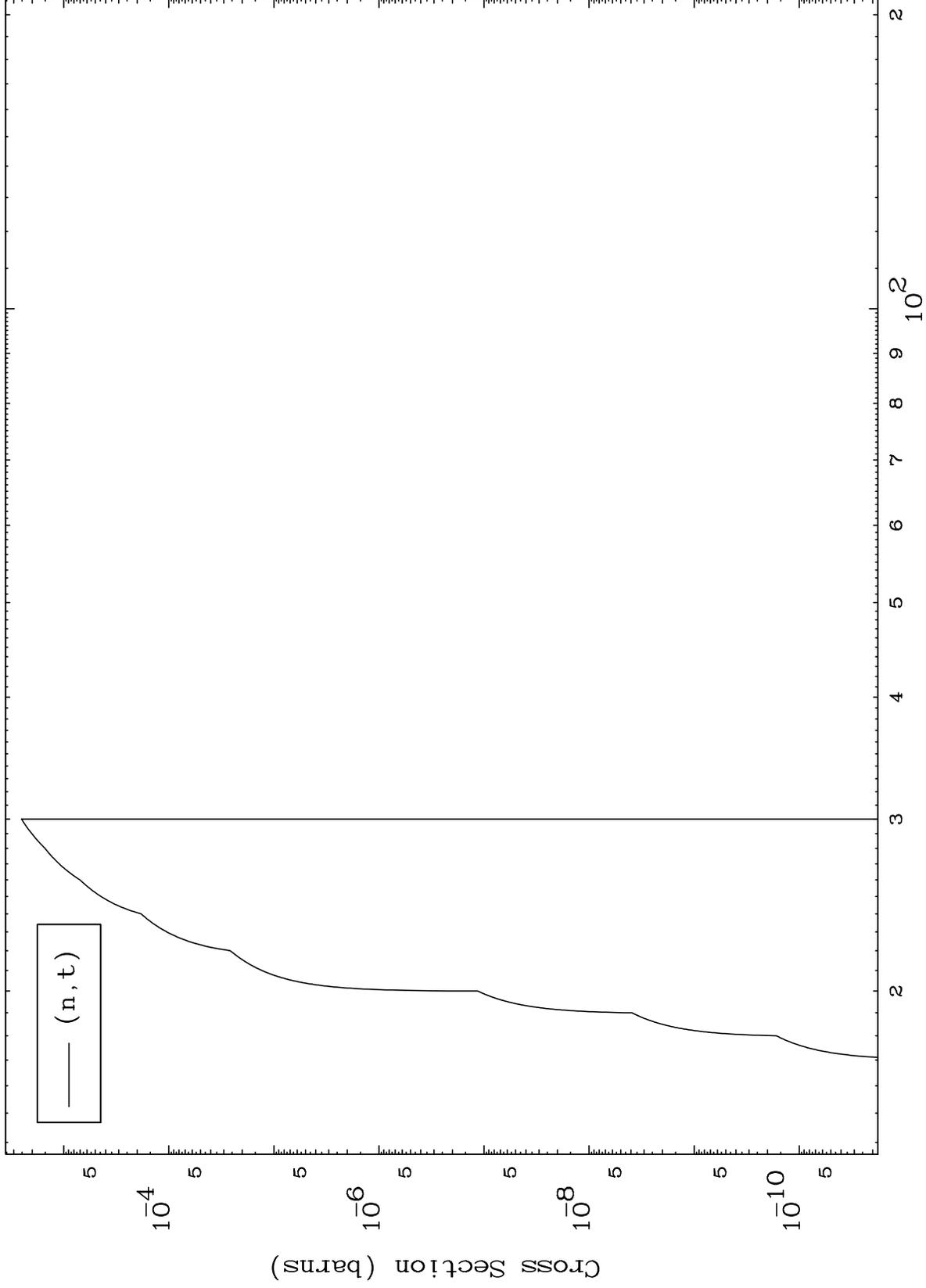
Incident Energy (MeV)

44-Ru-102

MAT 4443

(α, t) Levels
0 Kelvin Cross Sections

44-Ru-102



8

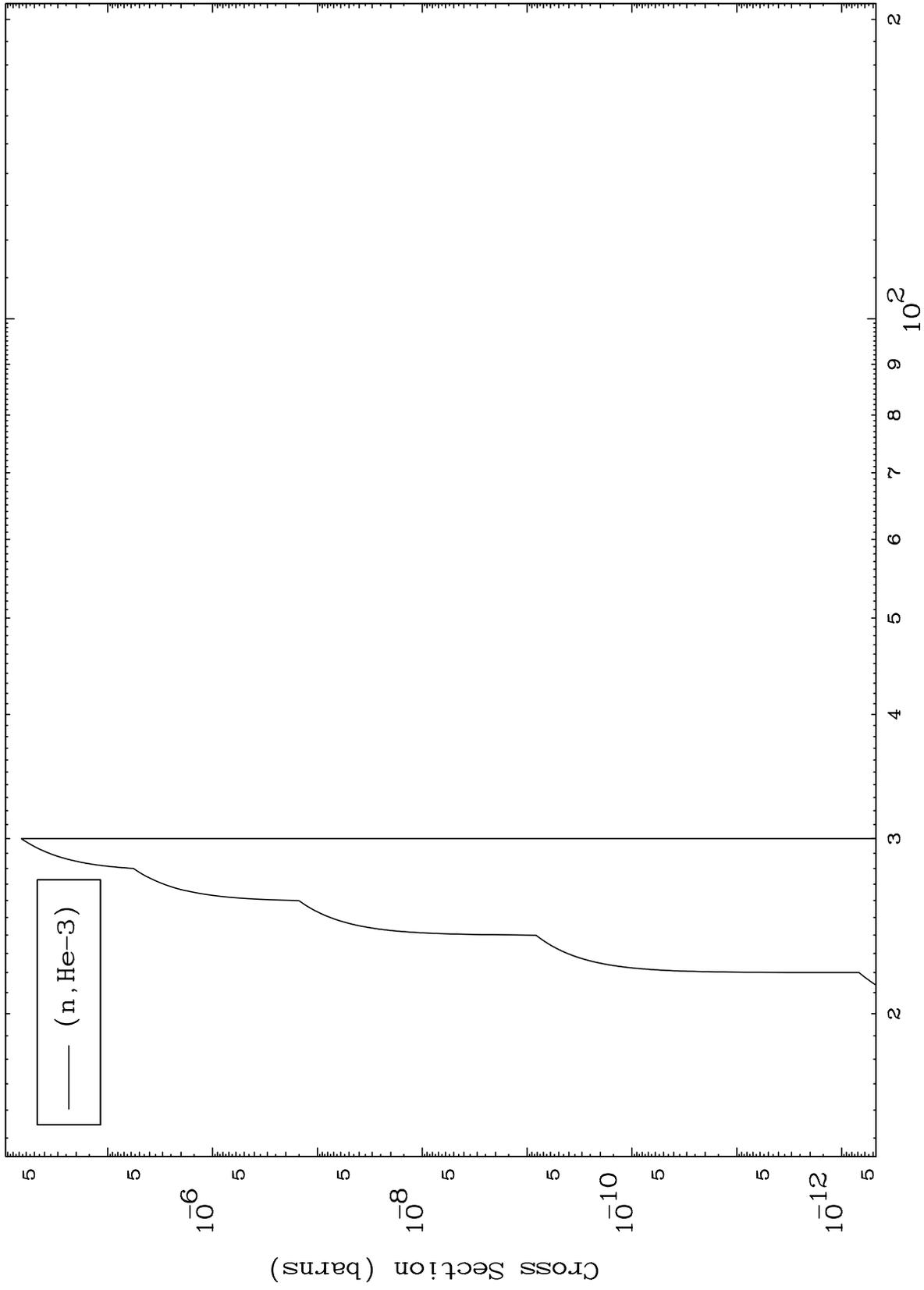
Incident Energy (MeV)

44-Ru-102

MAT 4443

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

44-Ru-102



9

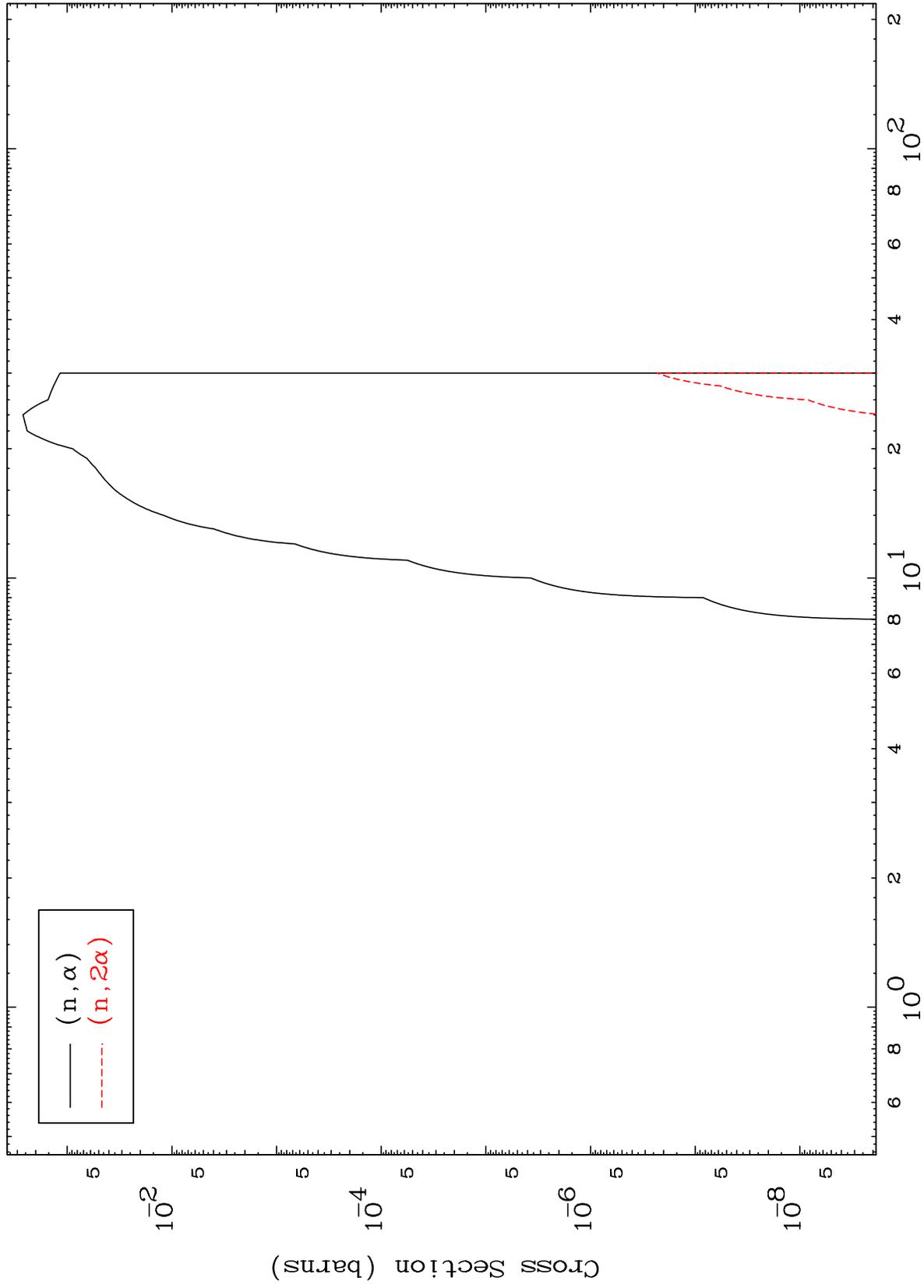
Incident Energy (MeV)

44-Ru-102

MAT 4443

0 Kelvin Cross Sections
(α, α) Levels

44-Ru-102



10

Incident Energy (MeV)

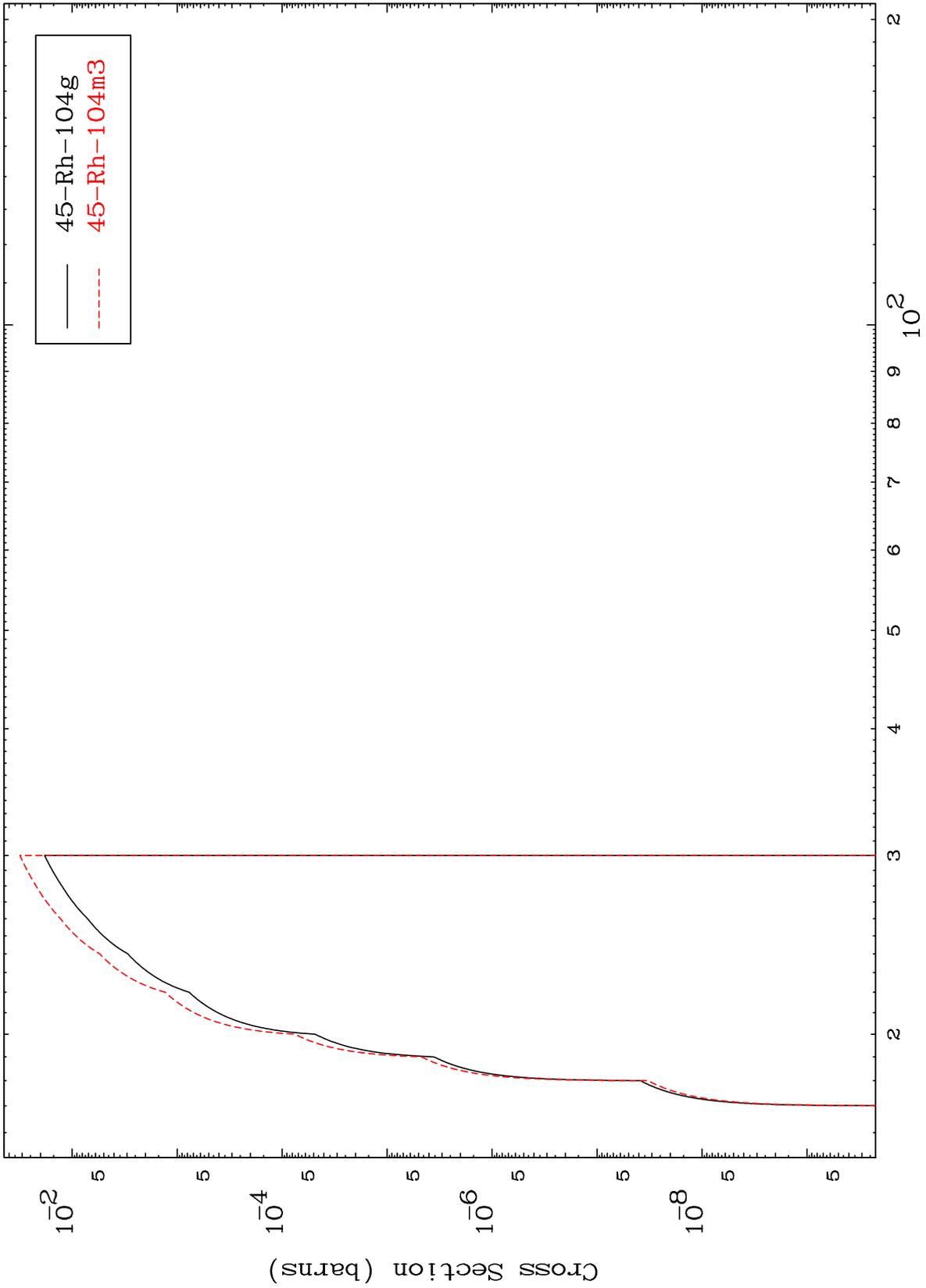
44-Ru-102

MAT 4443

(n,n') p

44-Ru-102

Radionuclide Production Cross Section



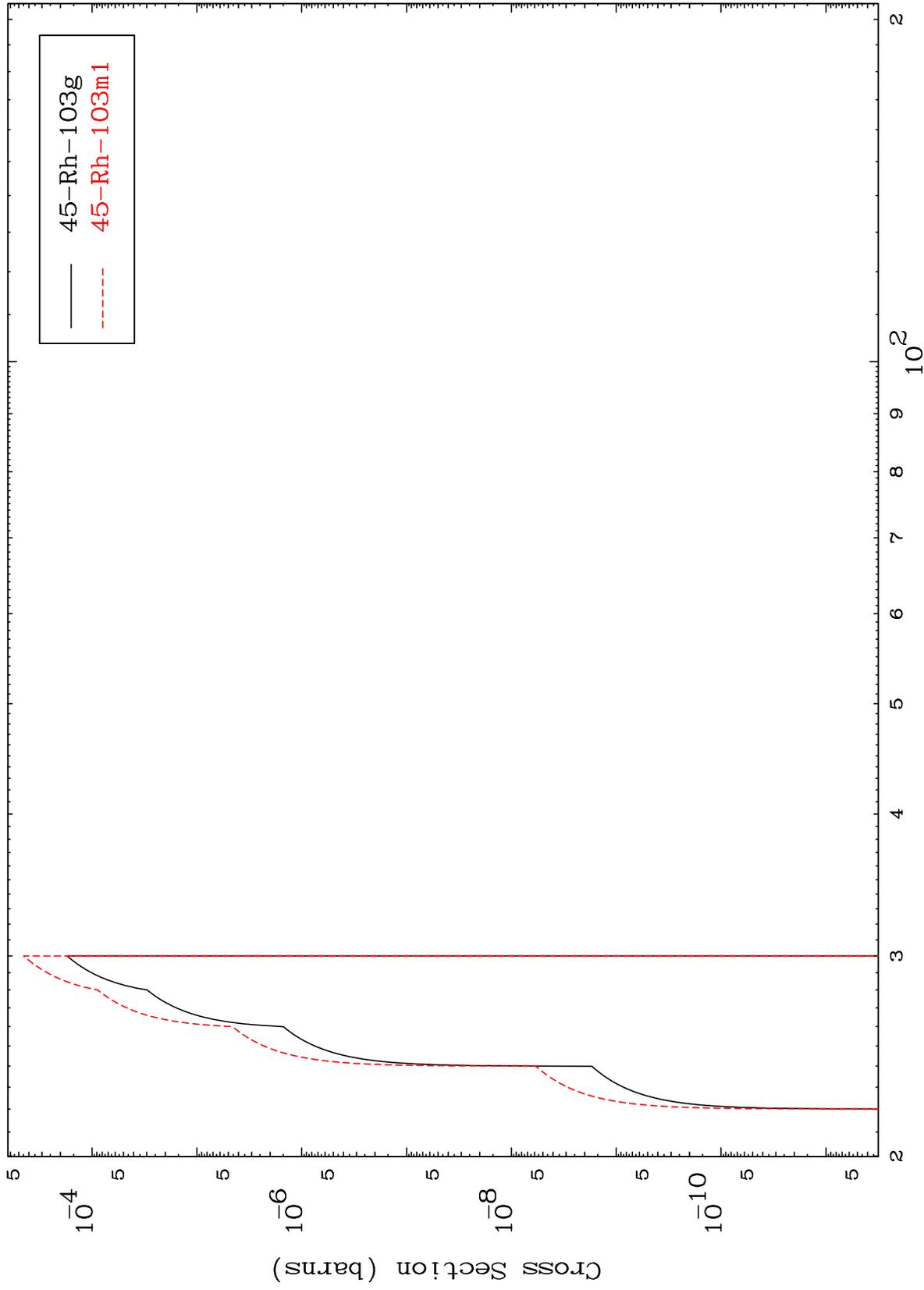
44-Ru-102

MAT 4443

(n,n') d

44-Ru-102

Radionuclide Production Cross Section



12

Incident Energy (MeV)

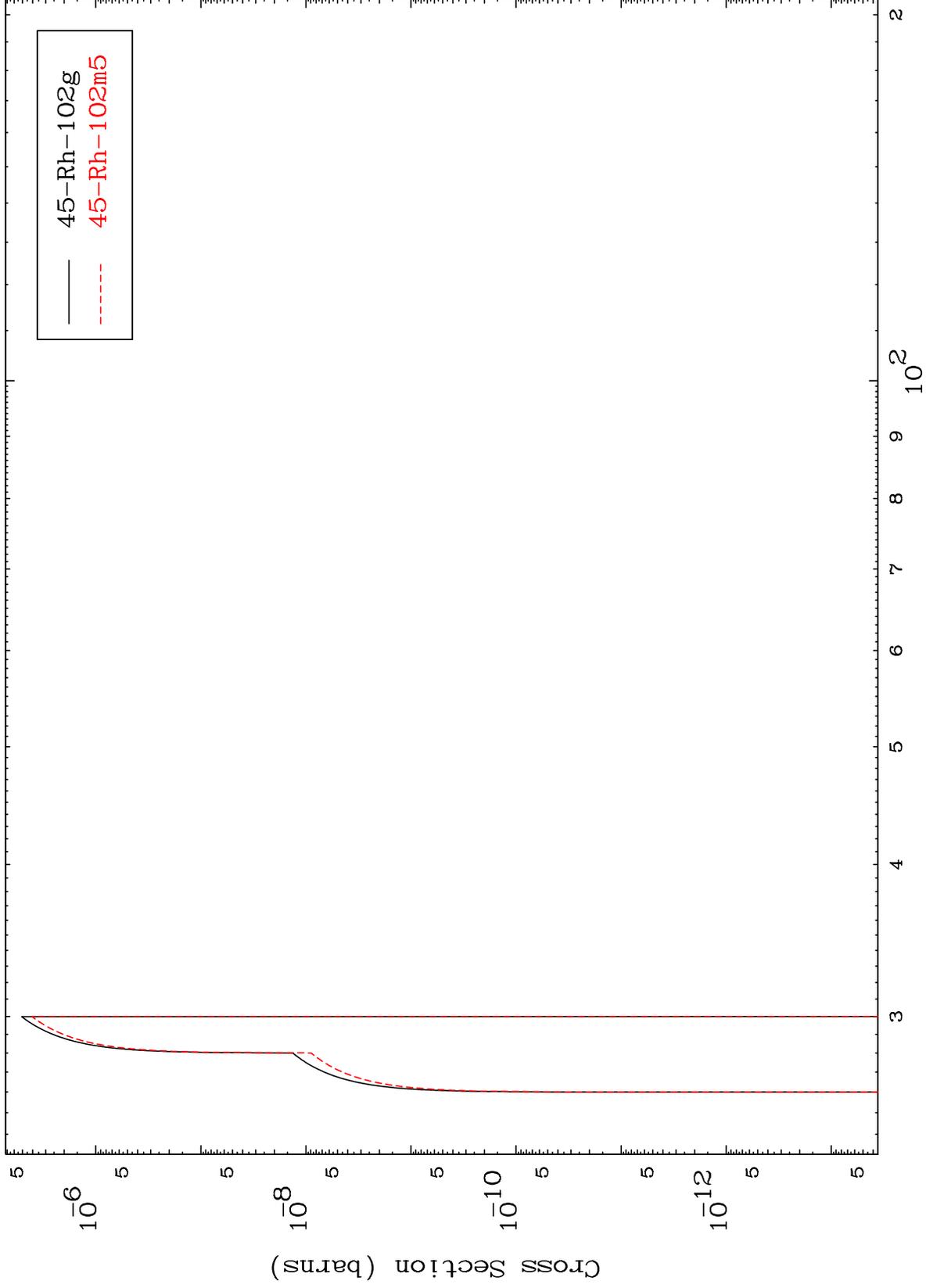
44-Ru-102

MAT 4443

(n,n') t

44-Ru-102

Radionuclide Production Cross Section



13

Incident Energy (MeV)

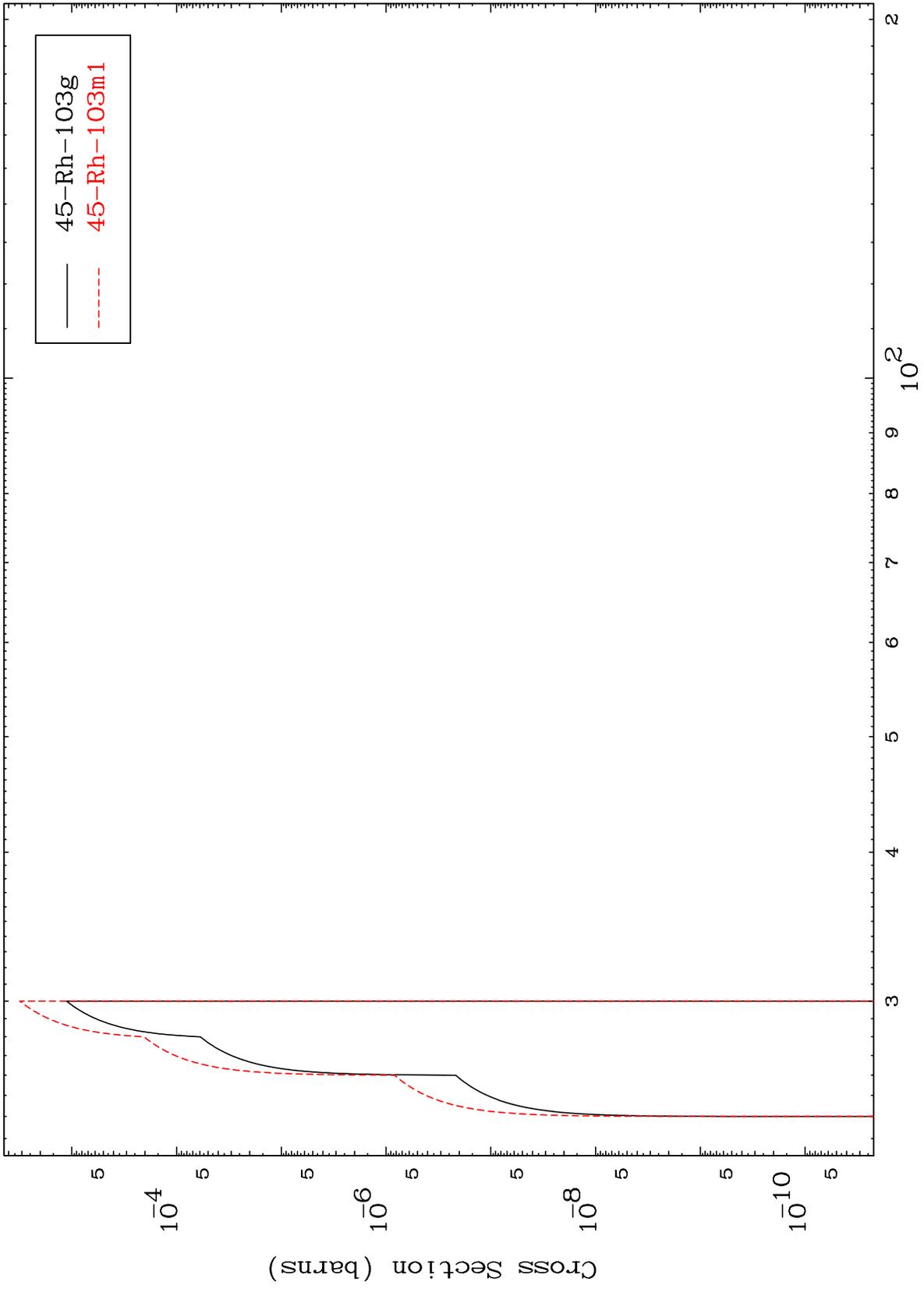
44-Ru-102

MAT 4443

(n,2n) p

44-Ru-102

Radionuclide Production Cross Section



14

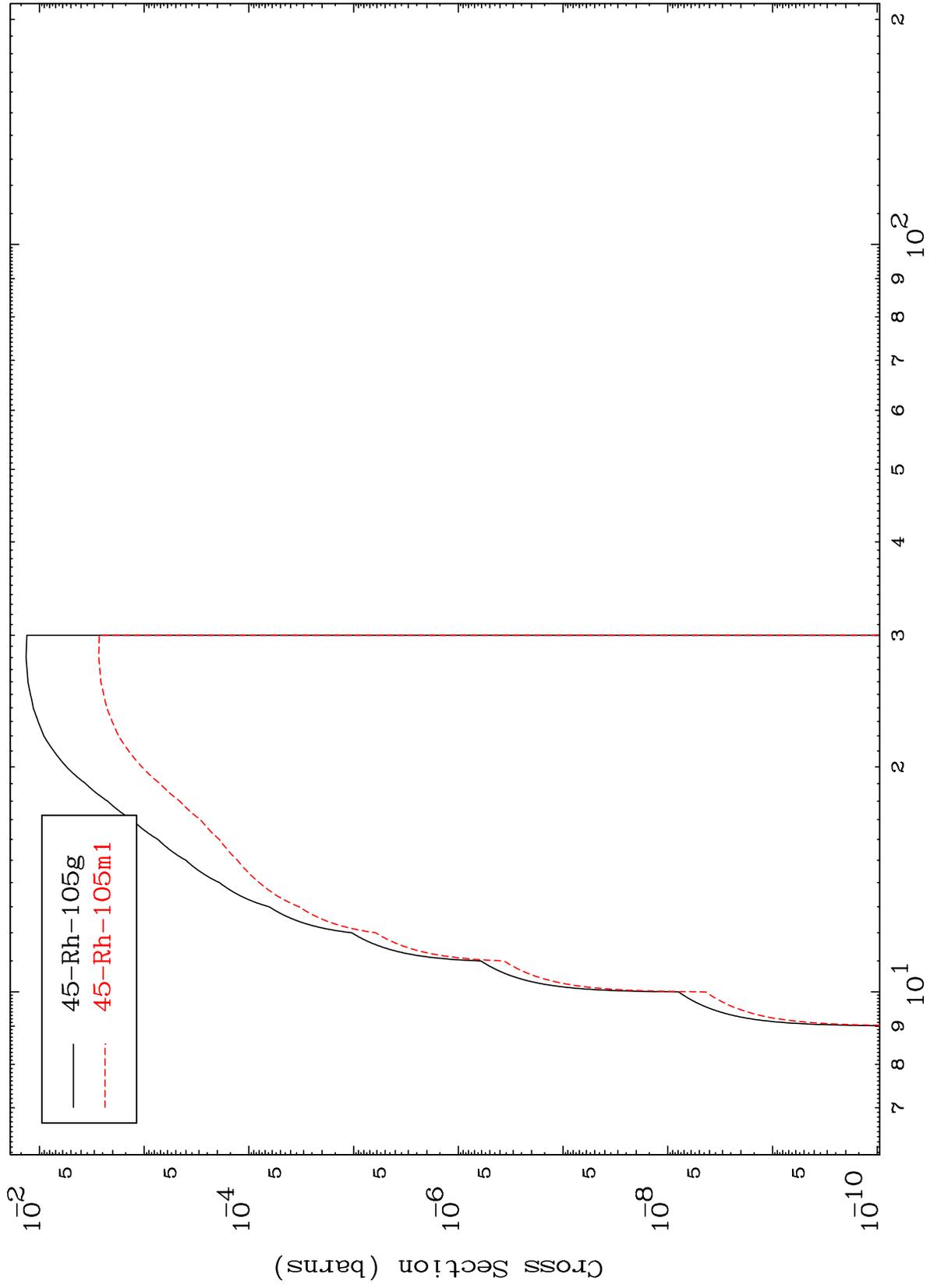
Incident Energy (MeV)

44-Ru-102

MAT 4443

44-Ru-102

(n,p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

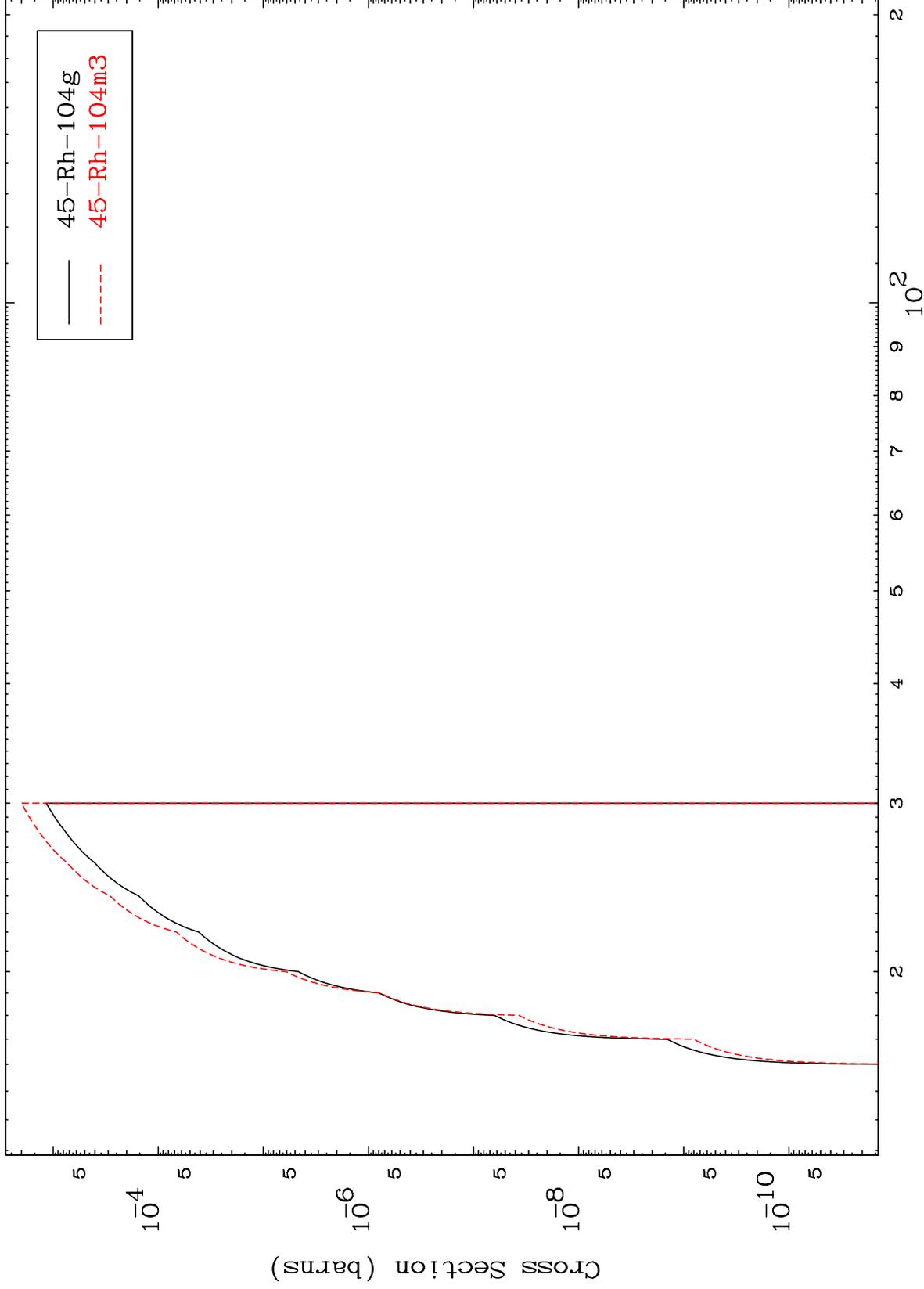
44-Ru-102

MAT 4443

(n,d)

44-Ru-102

Radionuclide Production Cross Section



16

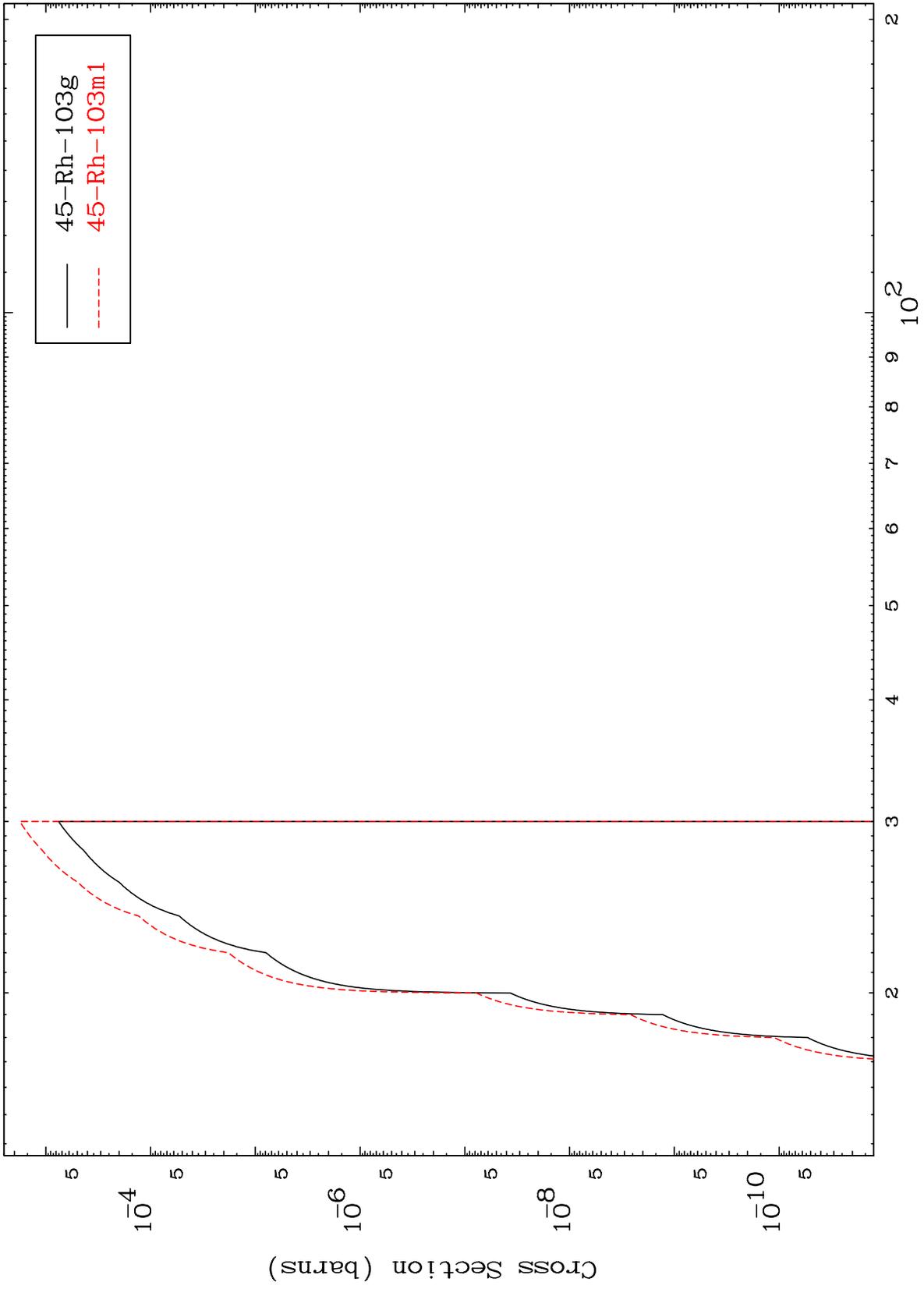
Incident Energy (MeV)

44-Ru-102

MAT 4443

44-Ru-102

(n, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

44-Ru-102