

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

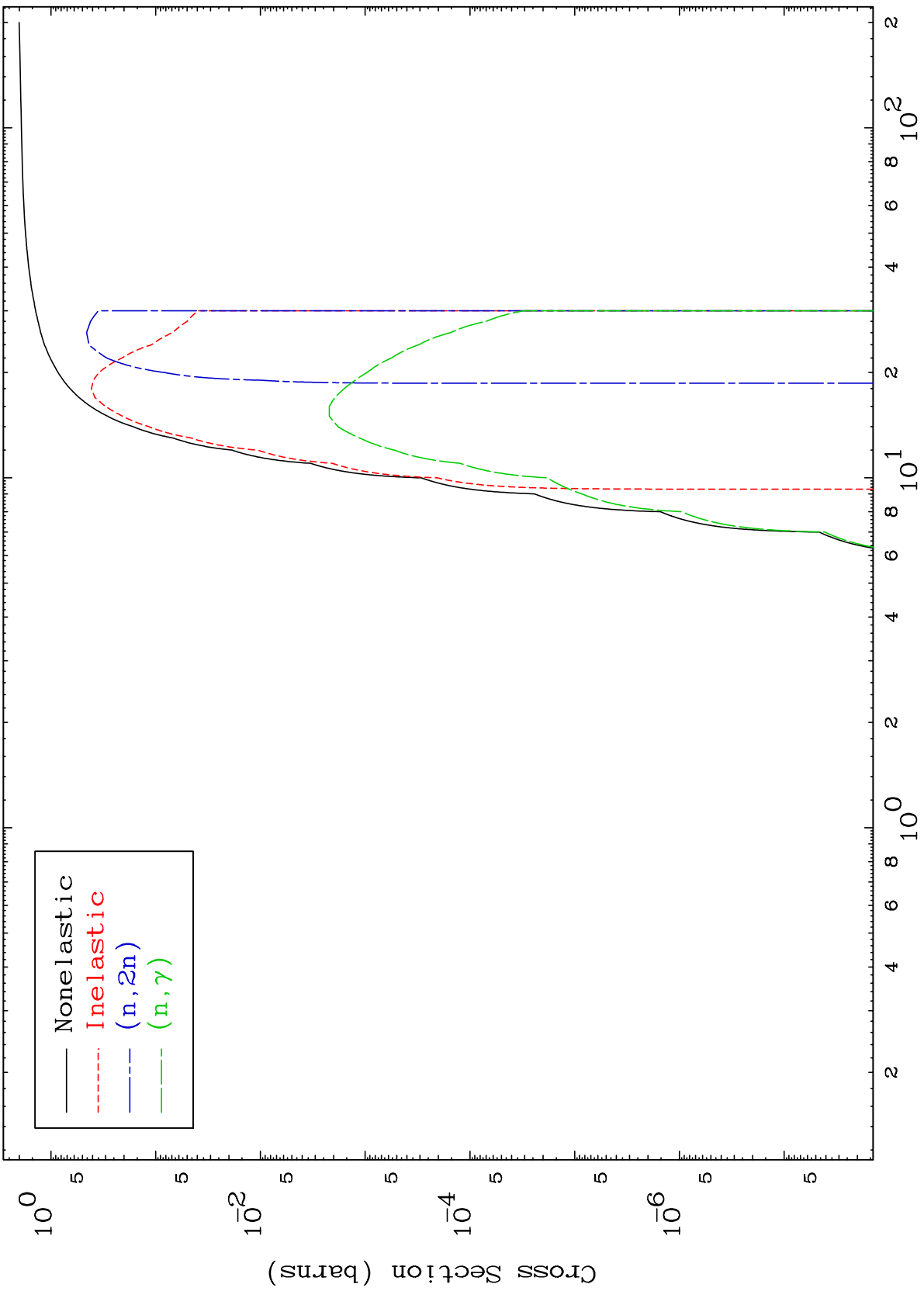
Press Mouse Button to Start

MAT 4514

α Major

45-Rh-99m

0 Kelvin Cross Sections

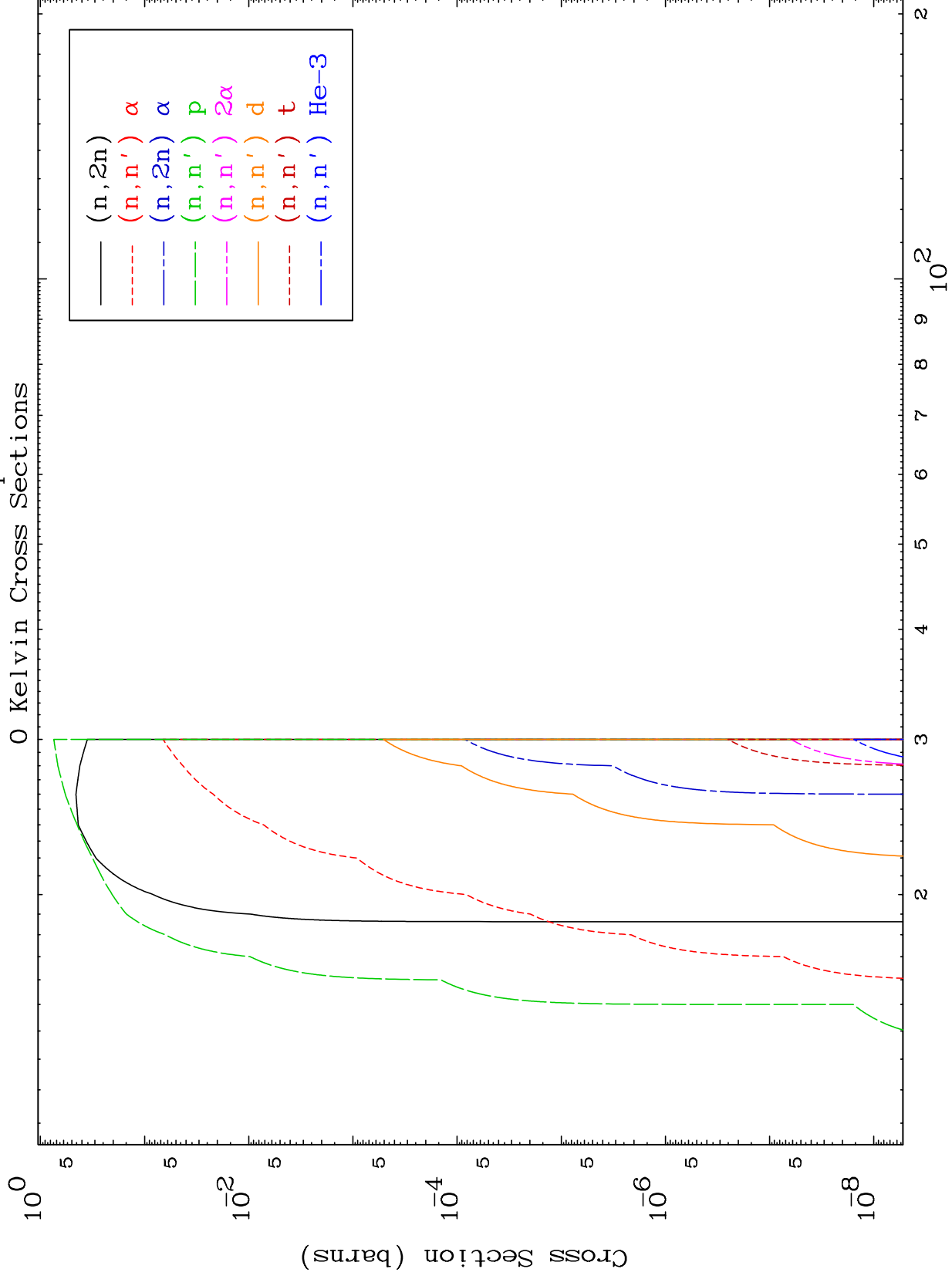


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

MAT 4514

α Neutron Absorption
0 Kelvin Cross Sections

45-Rh-99m



2

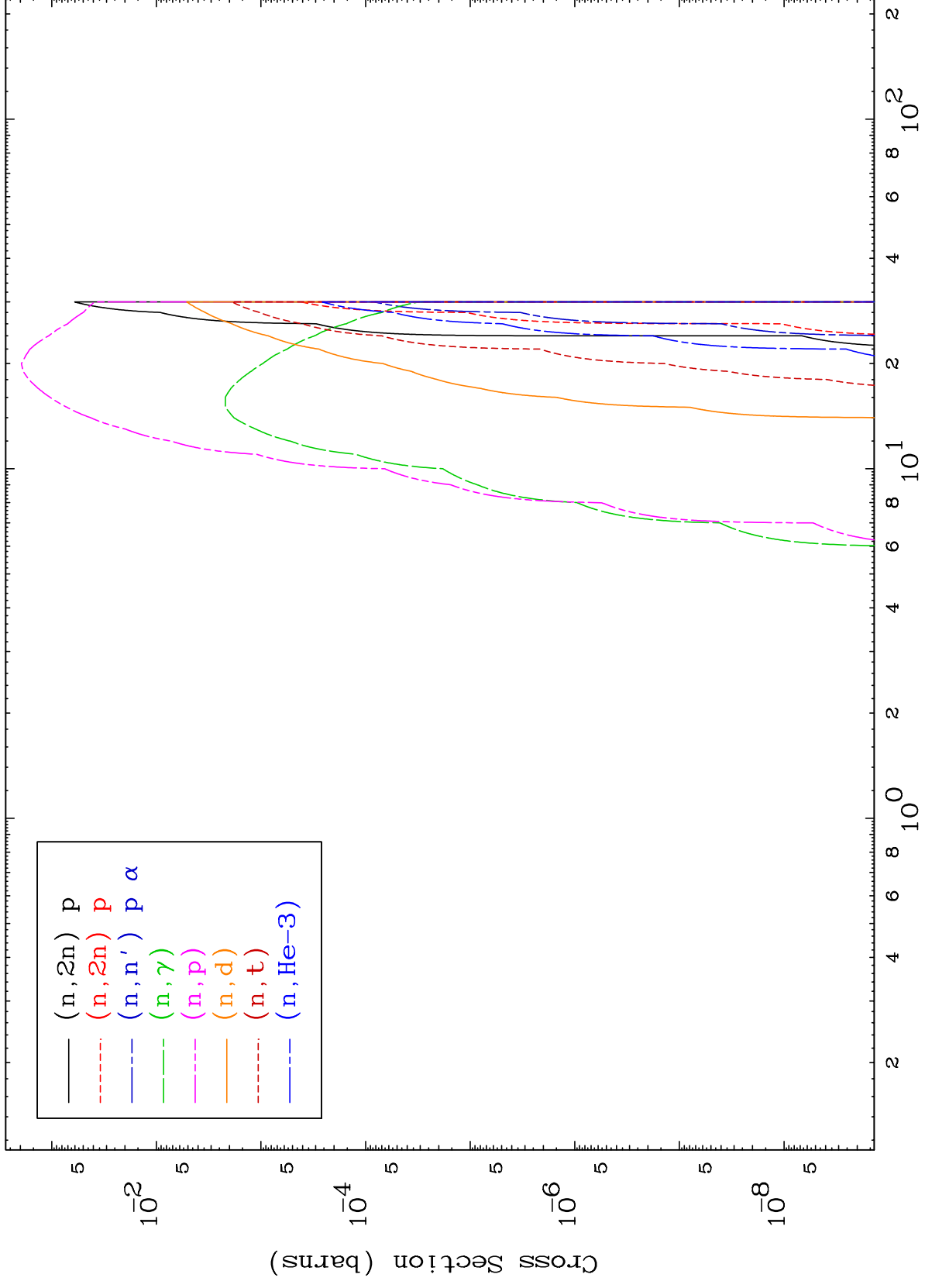
Incident Energy (MeV)

45-Rh-99m

MAT 4514

α Neutron Absorption
0 Kelvin Cross Sections

45-Rh-99m



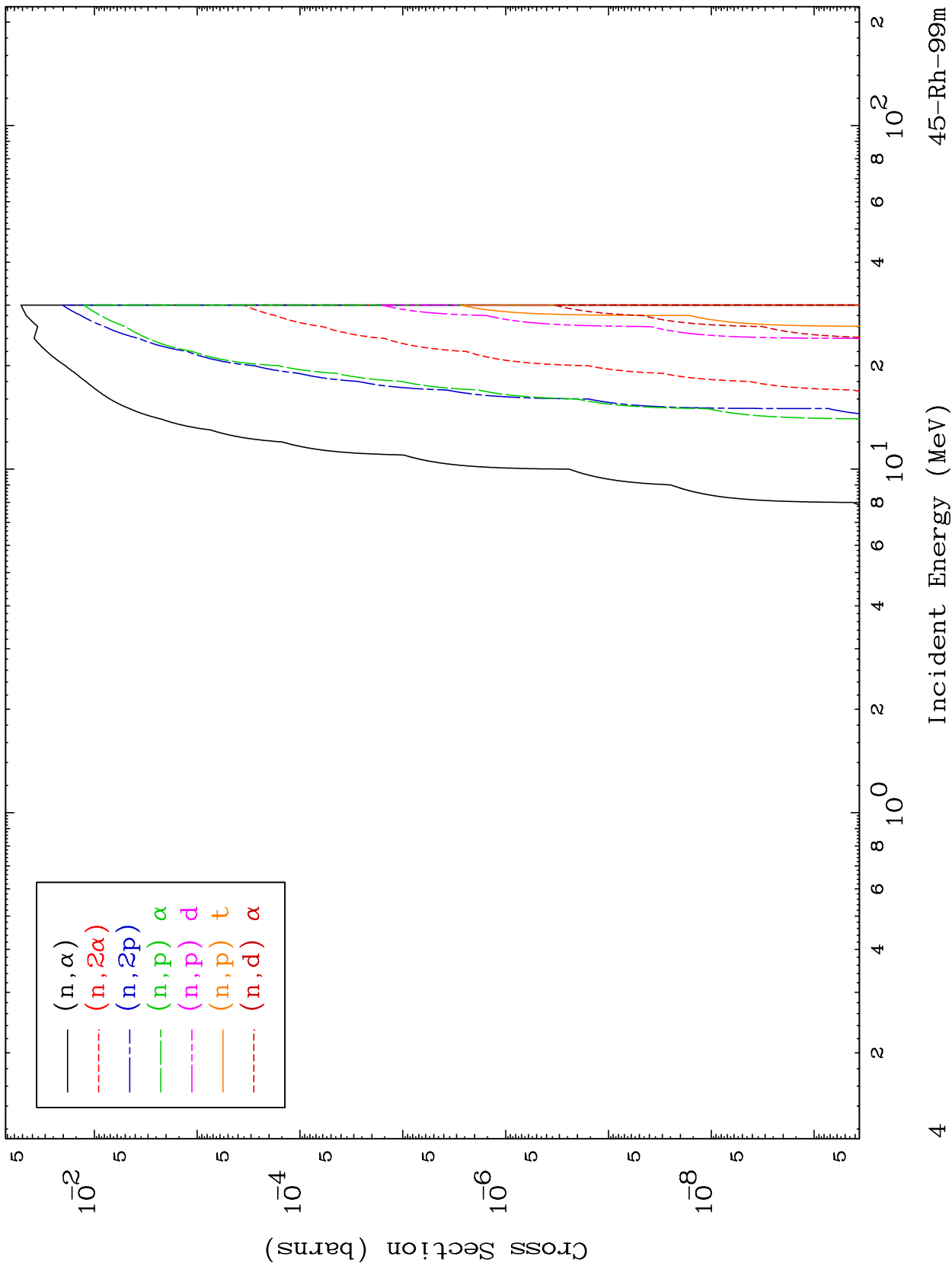
Incident Energy (MeV)

45-Rh-99m

MAT 4514

α Neutron Absorption
0 Kelvin Cross Sections

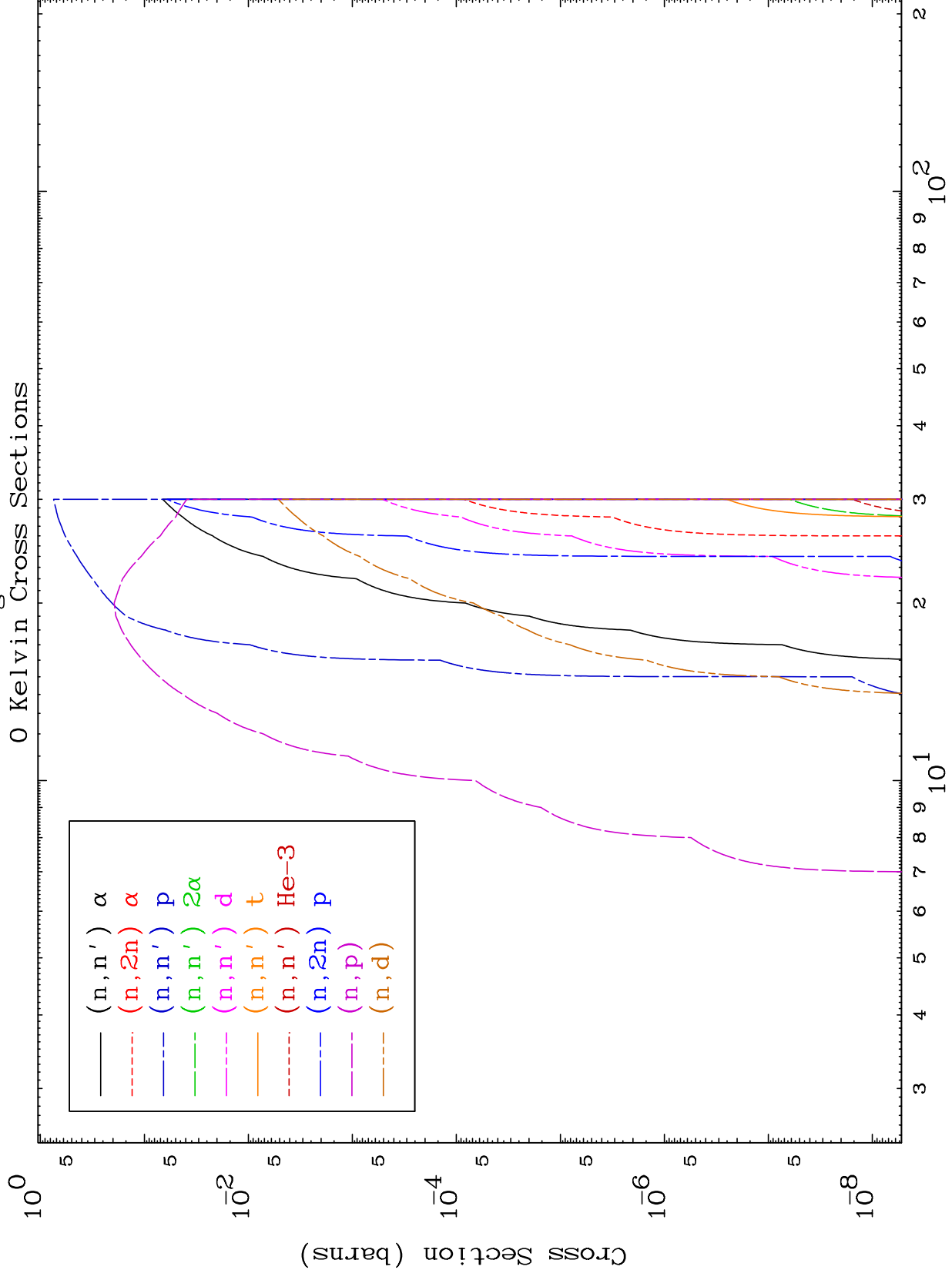
45-Rh-99m



MAT 4514

α Charged Particle
0 Kelvin Cross Sections

45-Rh-99m



5

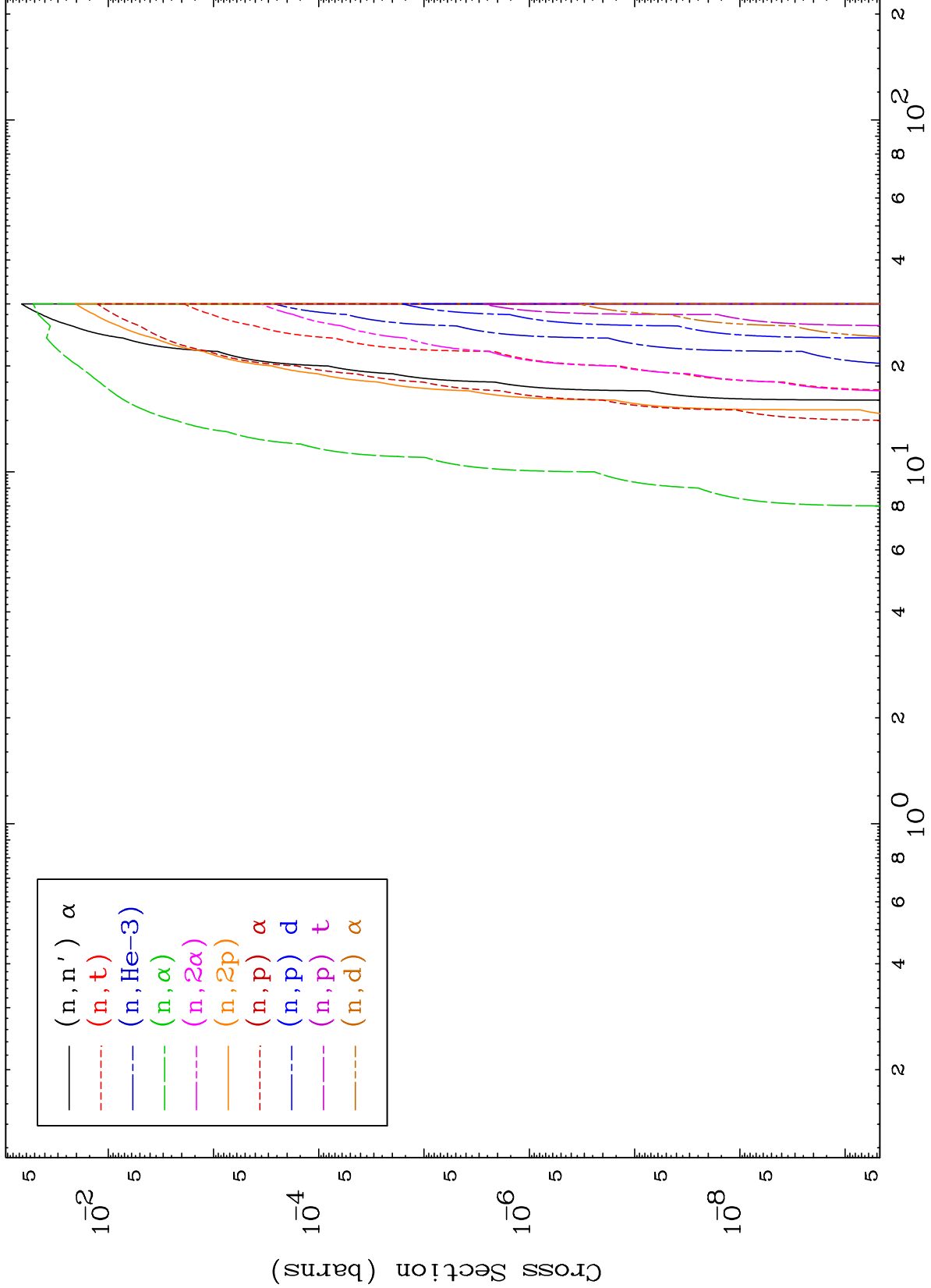
Incident Energy (MeV)

45-Rh-99m

MAT 4514

α Charged Particle
0 Kelvin Cross Sections

45-Rh-99m

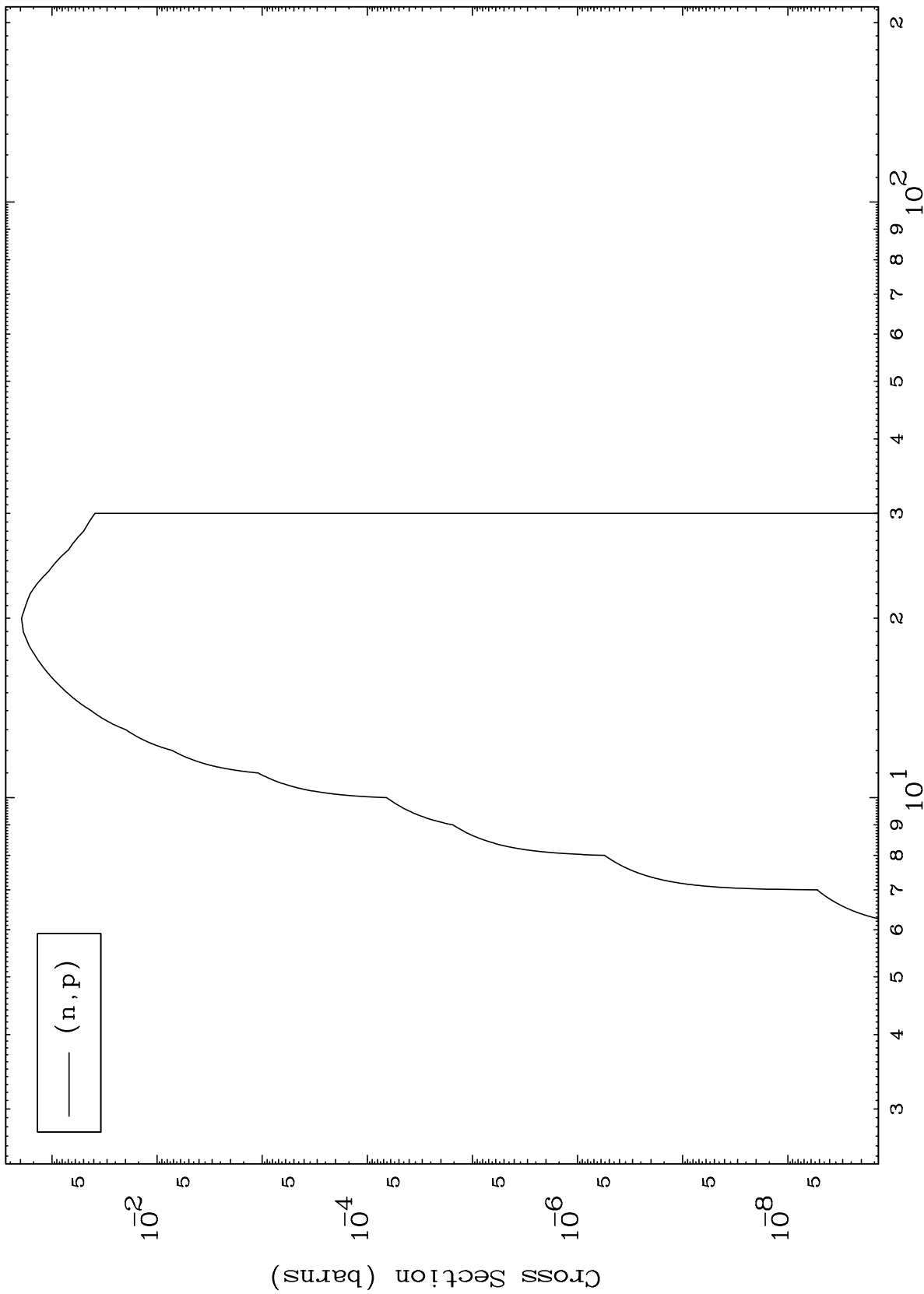


MAT 4514

(α, p) Levels

45-Rh-99m

0 Kelvin Cross Sections

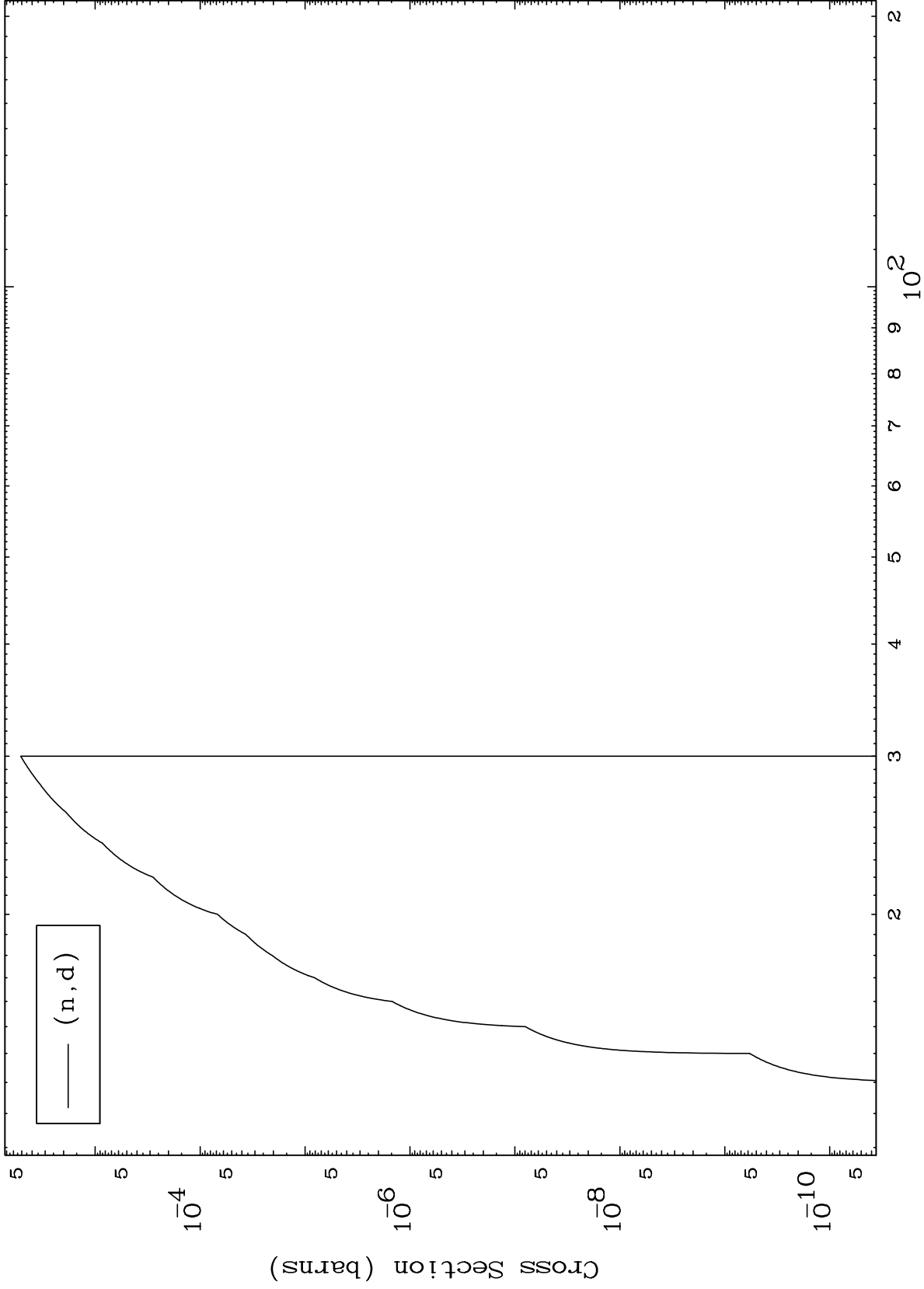


MAT 4514

(α, d) Levels

45-Rh-99m

0 Kelvin Cross Sections



8

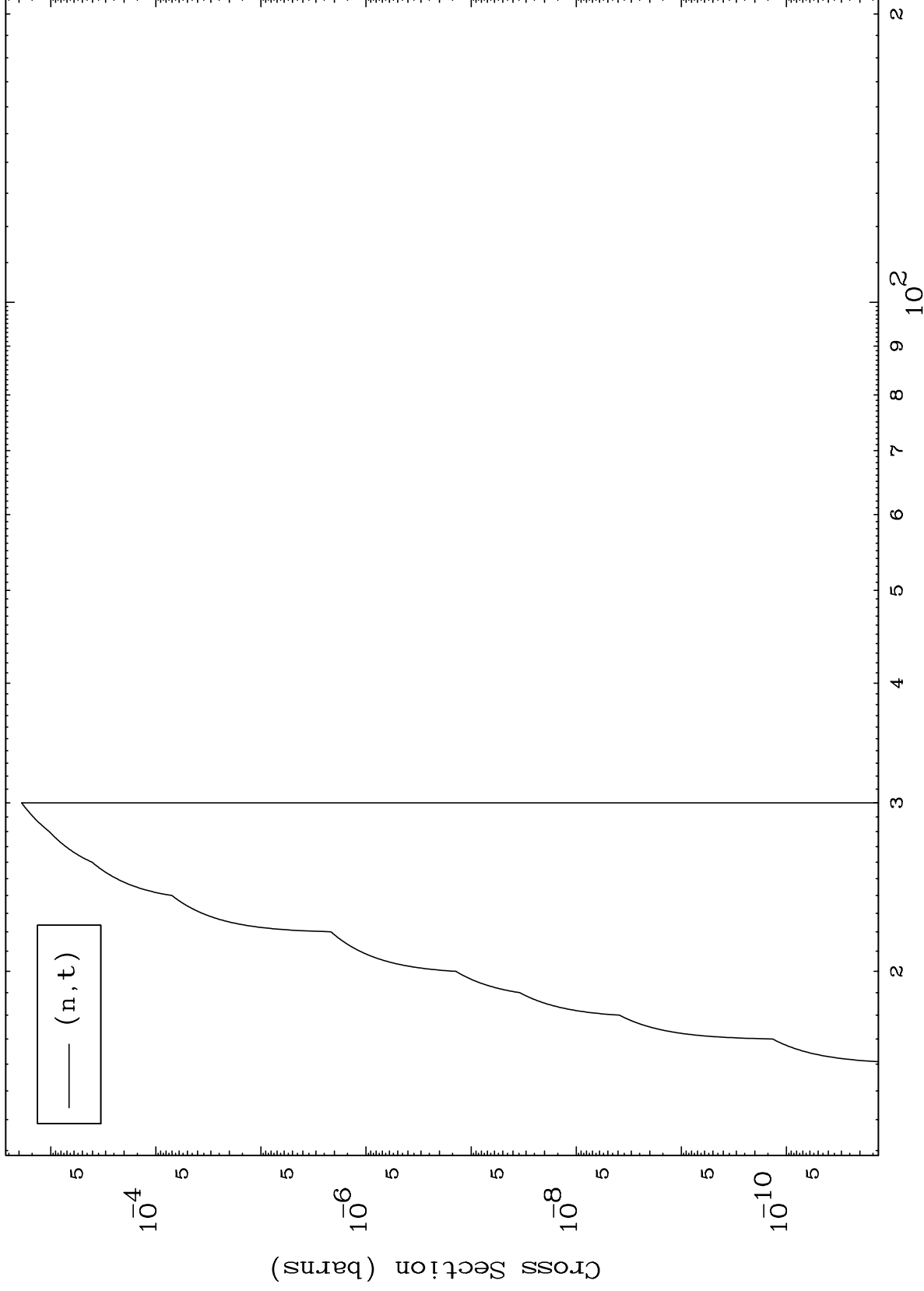
Incident Energy (MeV)

45-Rh-99m

MAT 4514

(α, t) Levels
0 Kelvin Cross Sections

45-Rh-99m



9

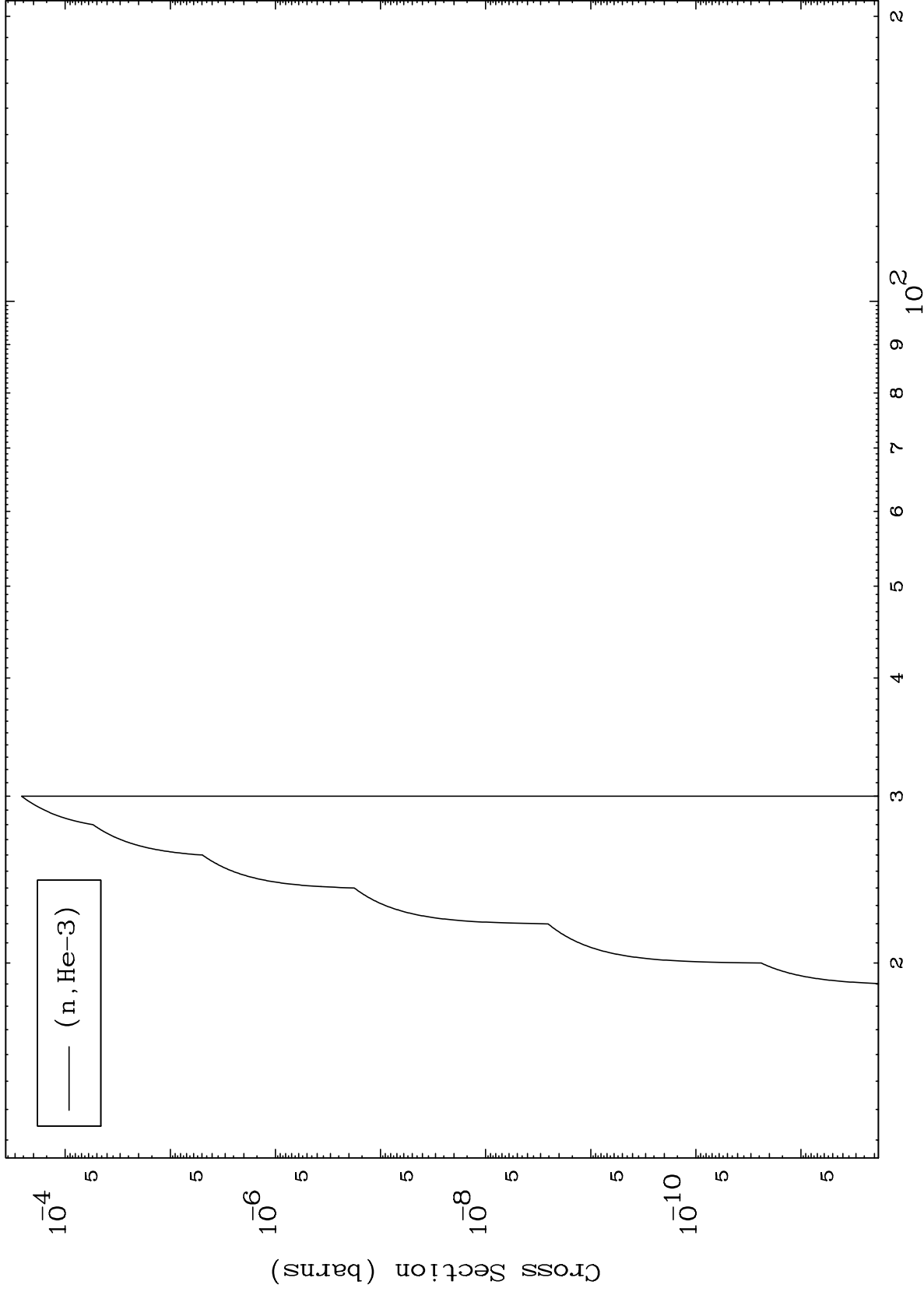
Incident Energy (MeV)

45-Rh-99m

MAT 4514

(α , He3) Levels
0 Kelvin Cross Sections

45-Rh-99m



10

Incident Energy (MeV)

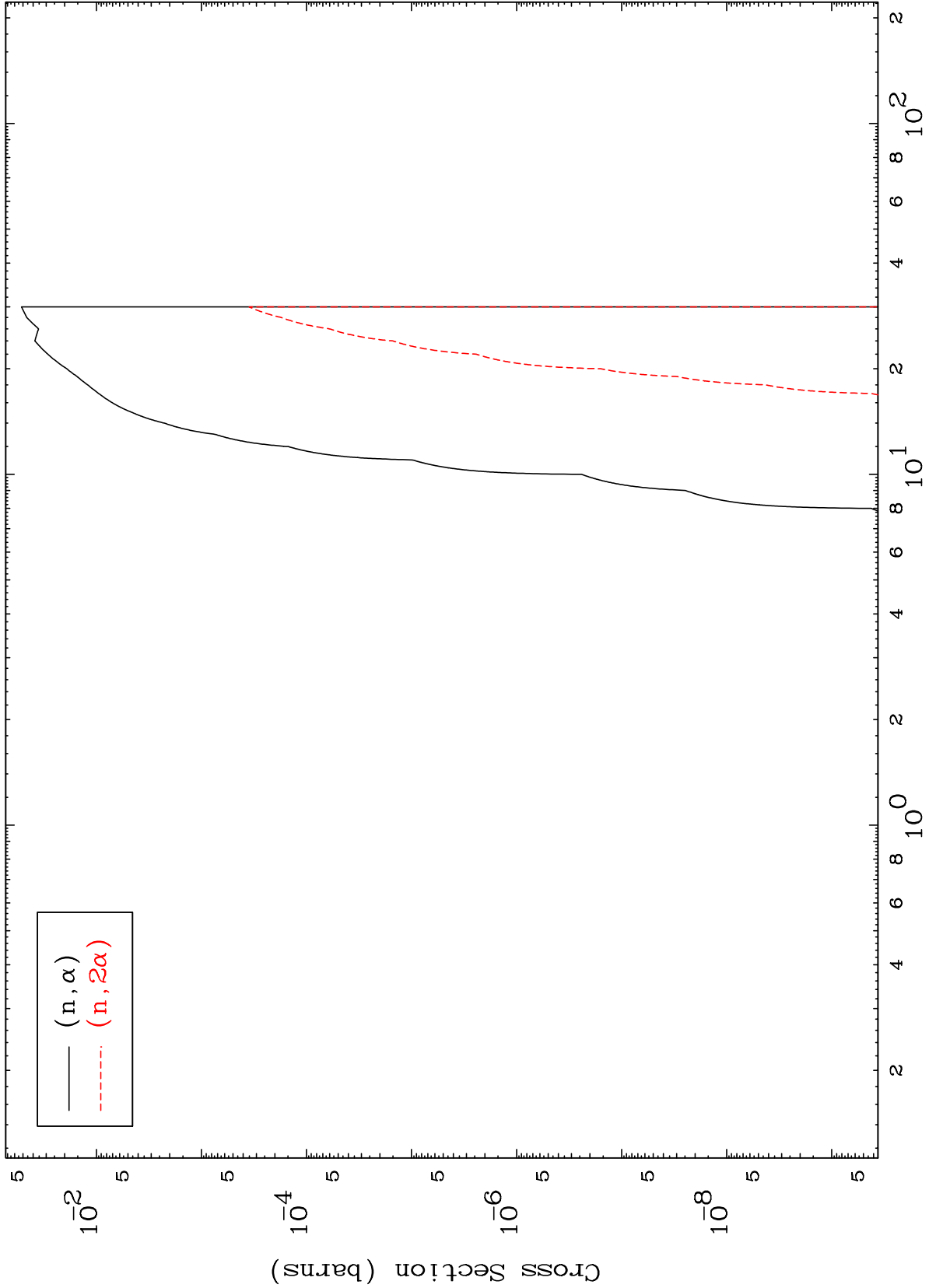
45-Rh-99m

MAT 4514

(α, α) Levels

45-Rh-99m

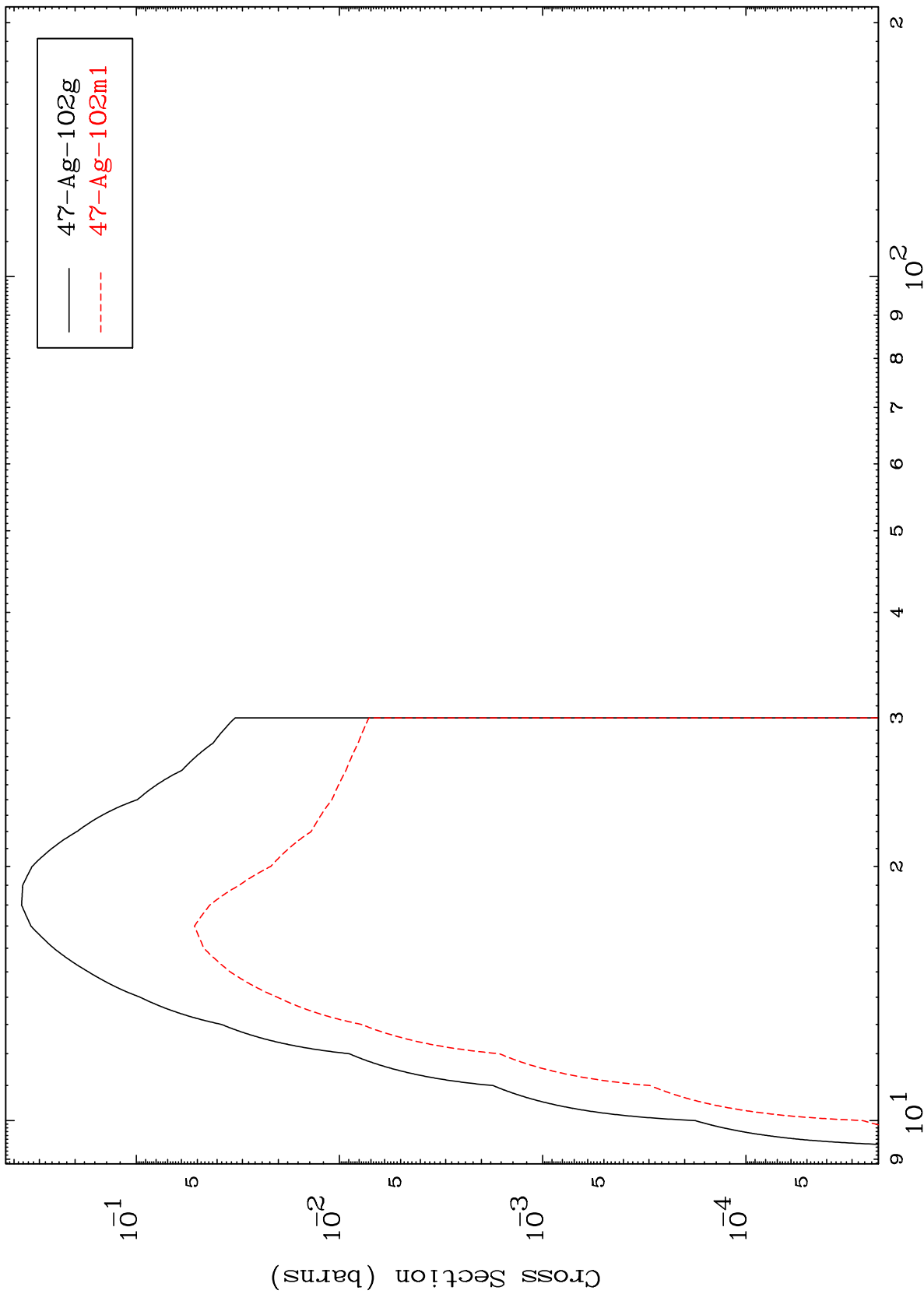
0 Kelvin Cross Sections



MAT 4514

Inelastic
Radionuclide Production Cross Section

45-Rh-99m



12

Incident Energy (MeV)

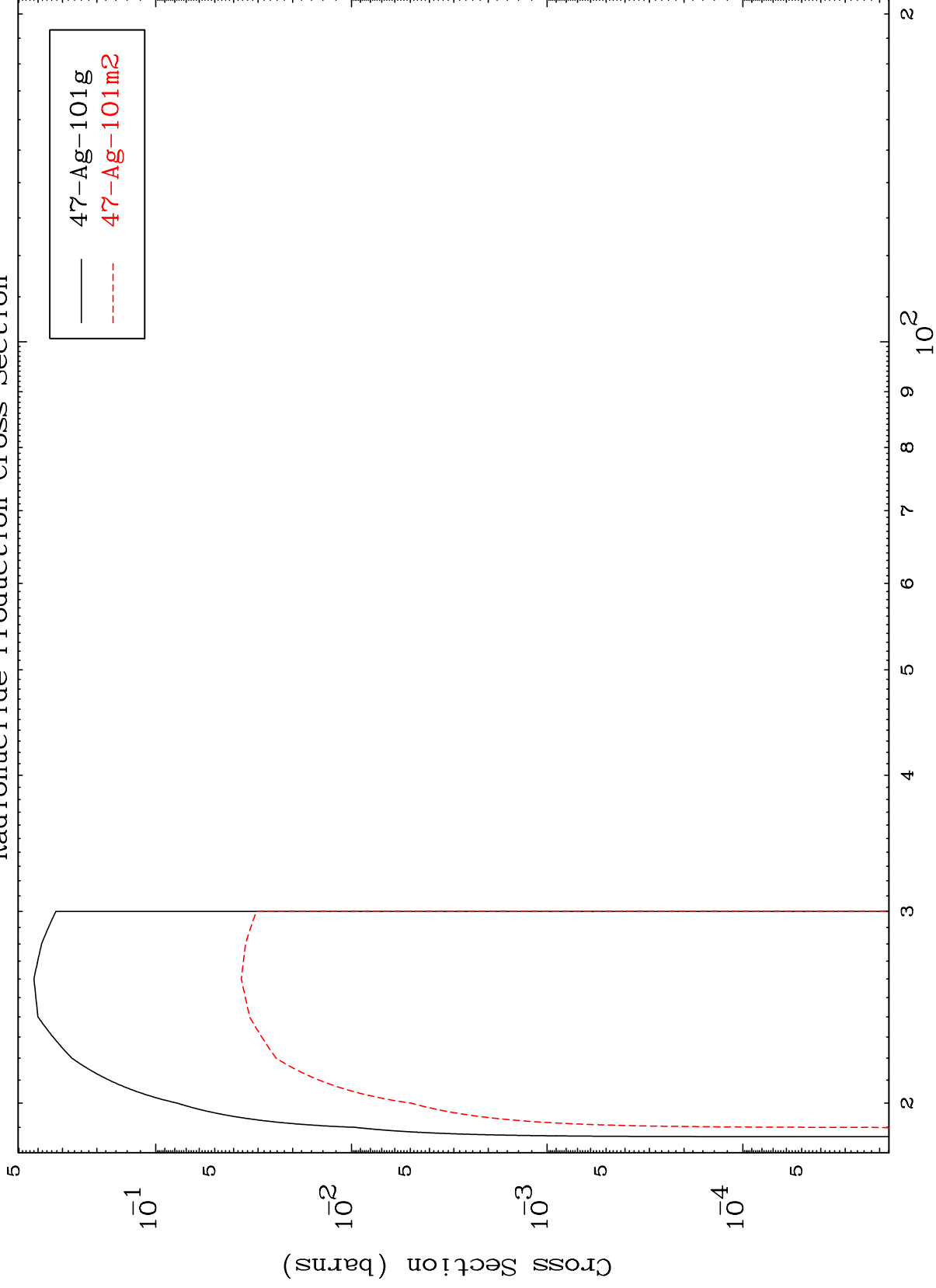
45-Rh-99m

MAT 4514

(n,2n)

45-Rh-99m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

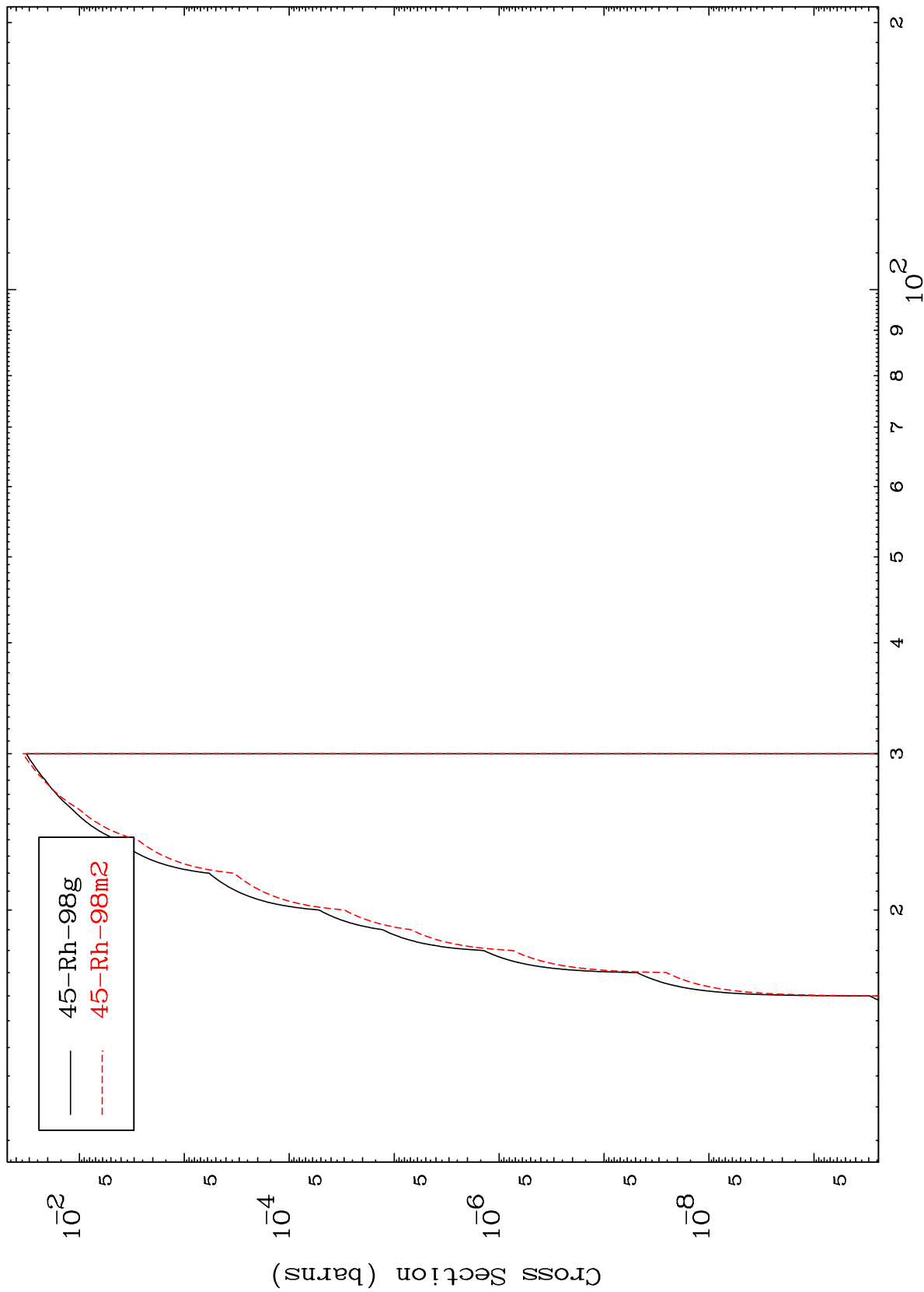
45-Rh-99m

MAT 4514

(n,n') α

45-Rh-99m

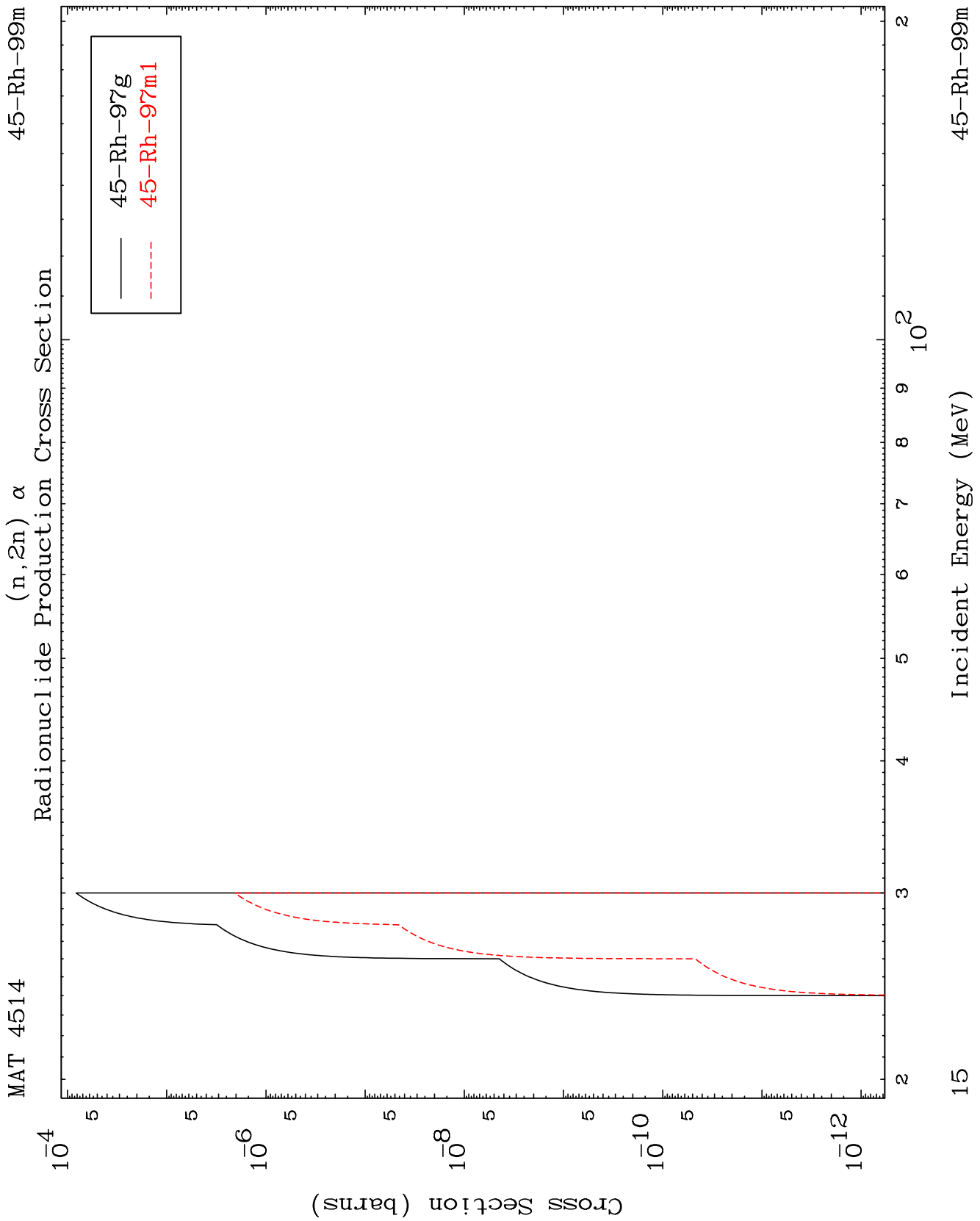
Radionuclide Production Cross Section



14

Incident Energy (MeV)

45-Rh-99m

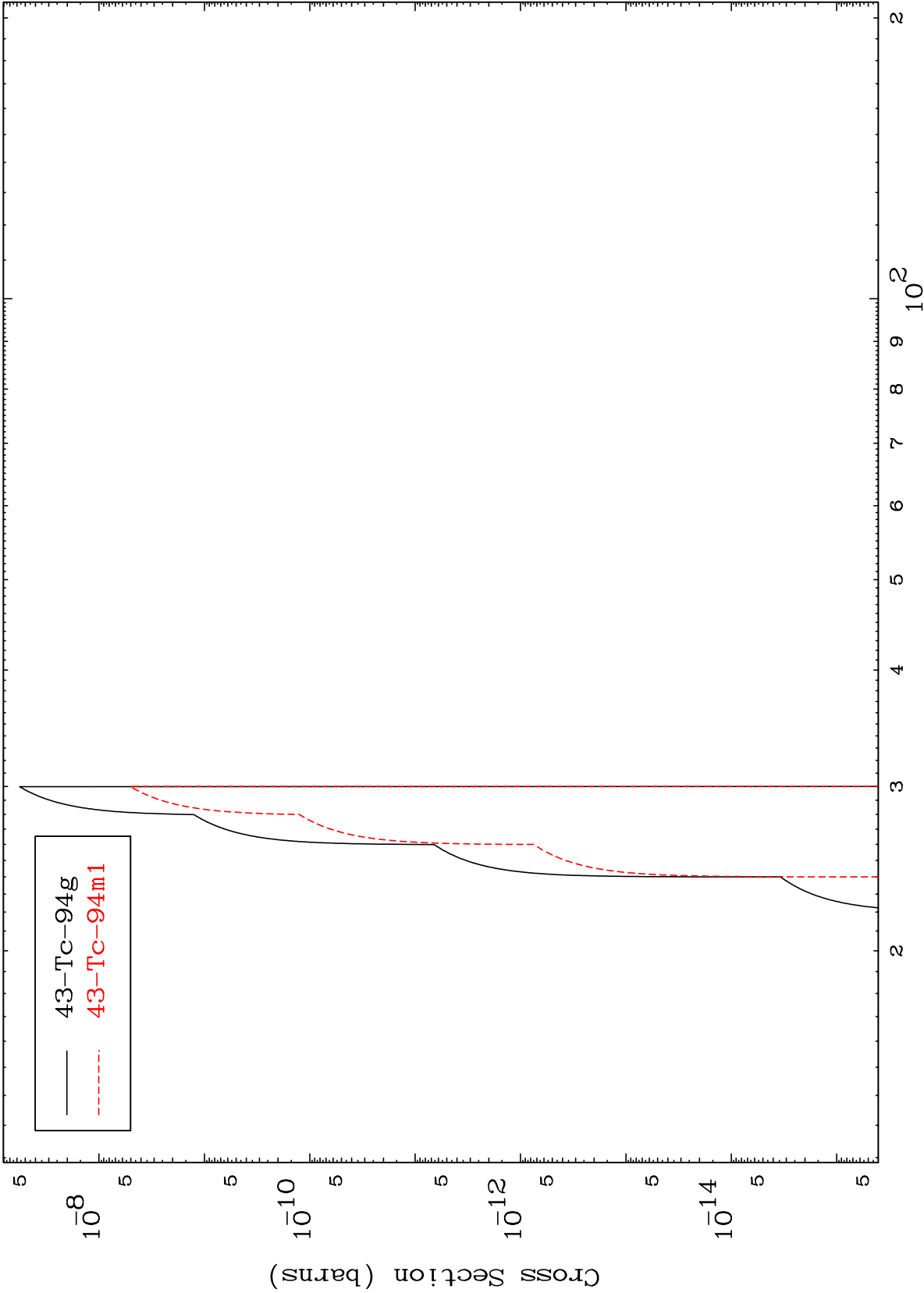


MAT 4514

(n,n') 2α

45-Rh-99m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

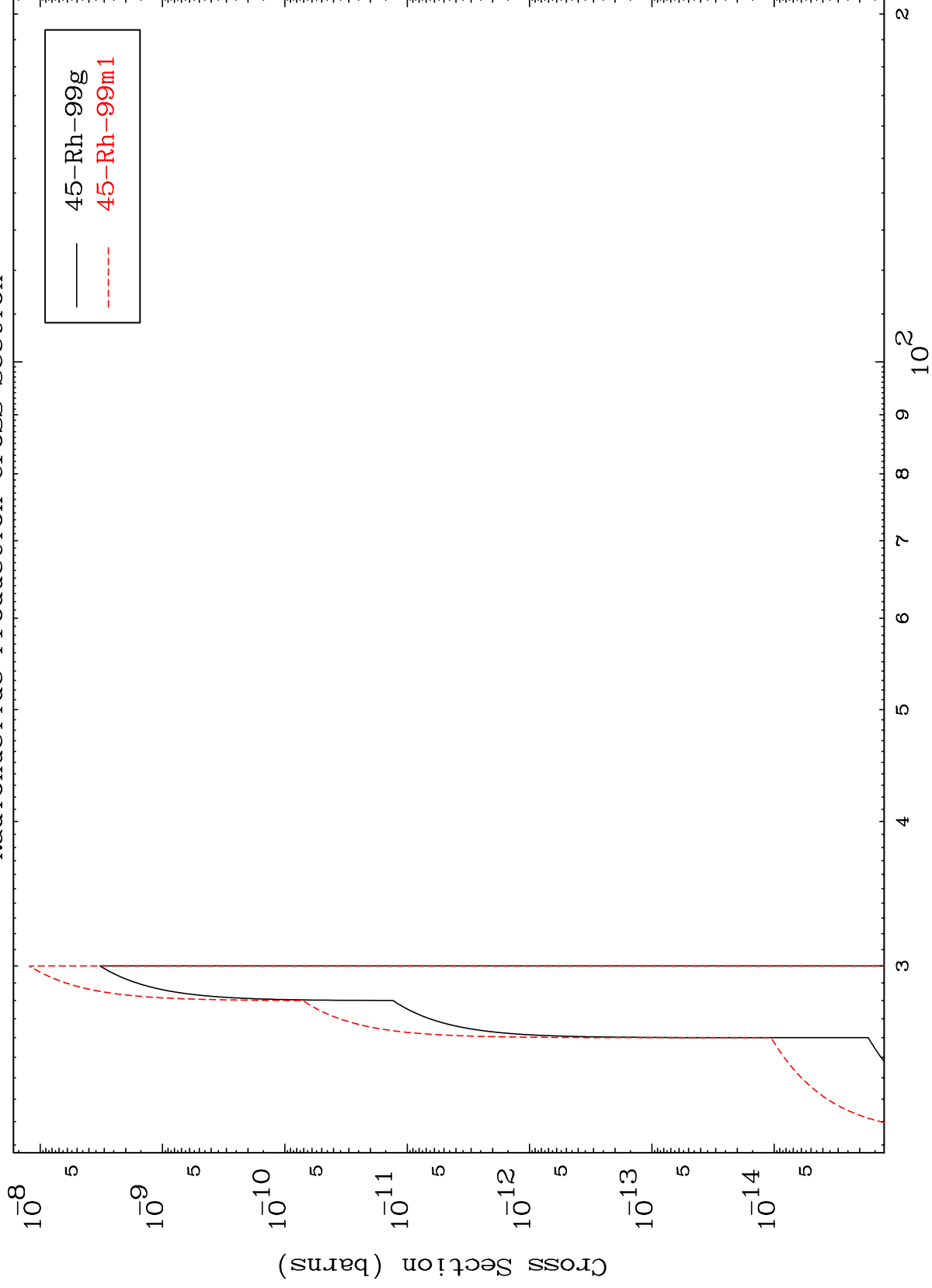
45-Rh-99m

MAT 4514

(n,n') He-3

45-Rh-99m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

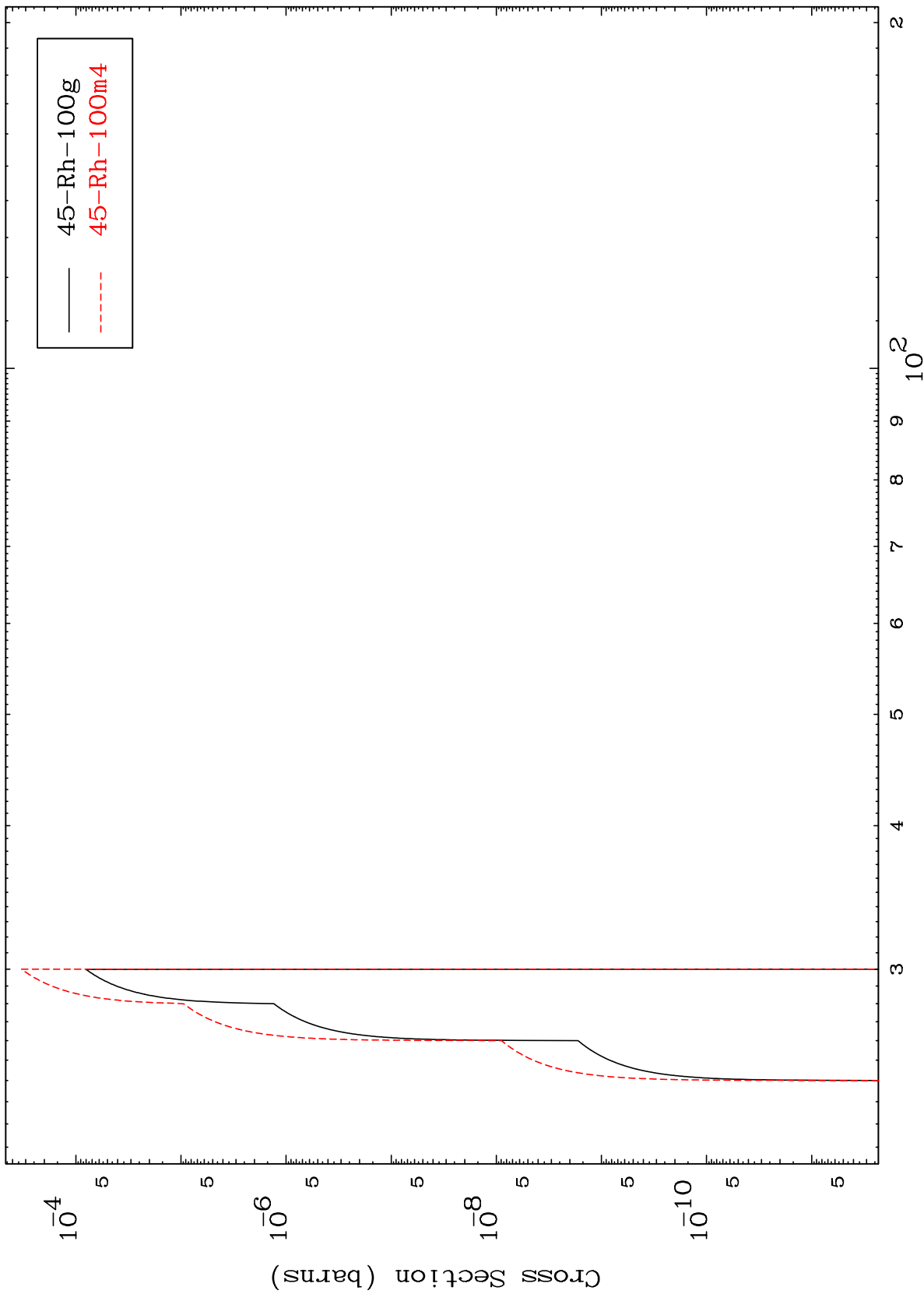
45-Rh-99m

MAT 4514

(n,2n) p

45-Rh-99m

Radionuclide Production Cross Section



18

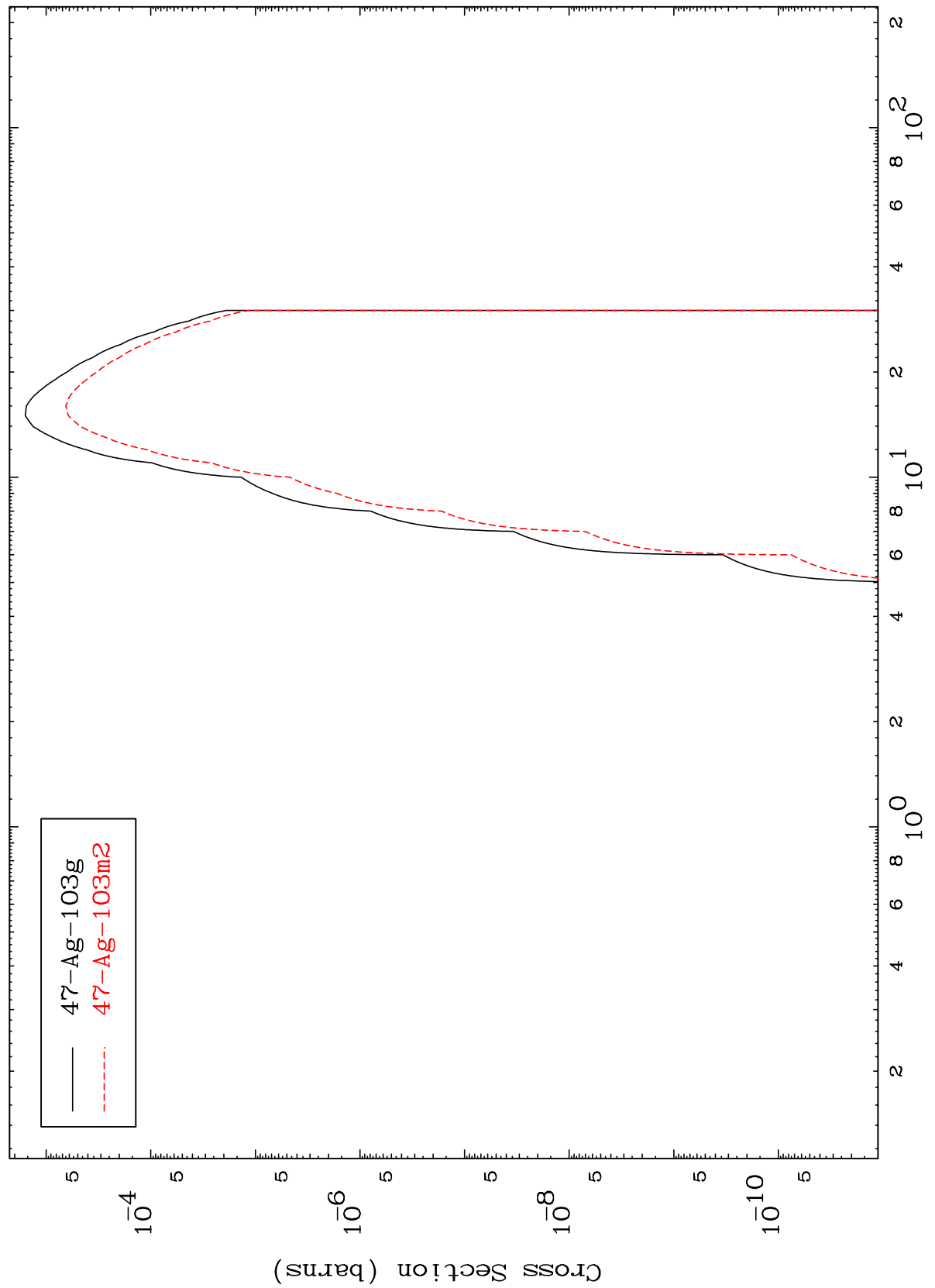
Incident Energy (MeV)

45-Rh-99m

MAT 4514

45-Rh-99m

(n, γ)
Radionuclide Production Cross Section



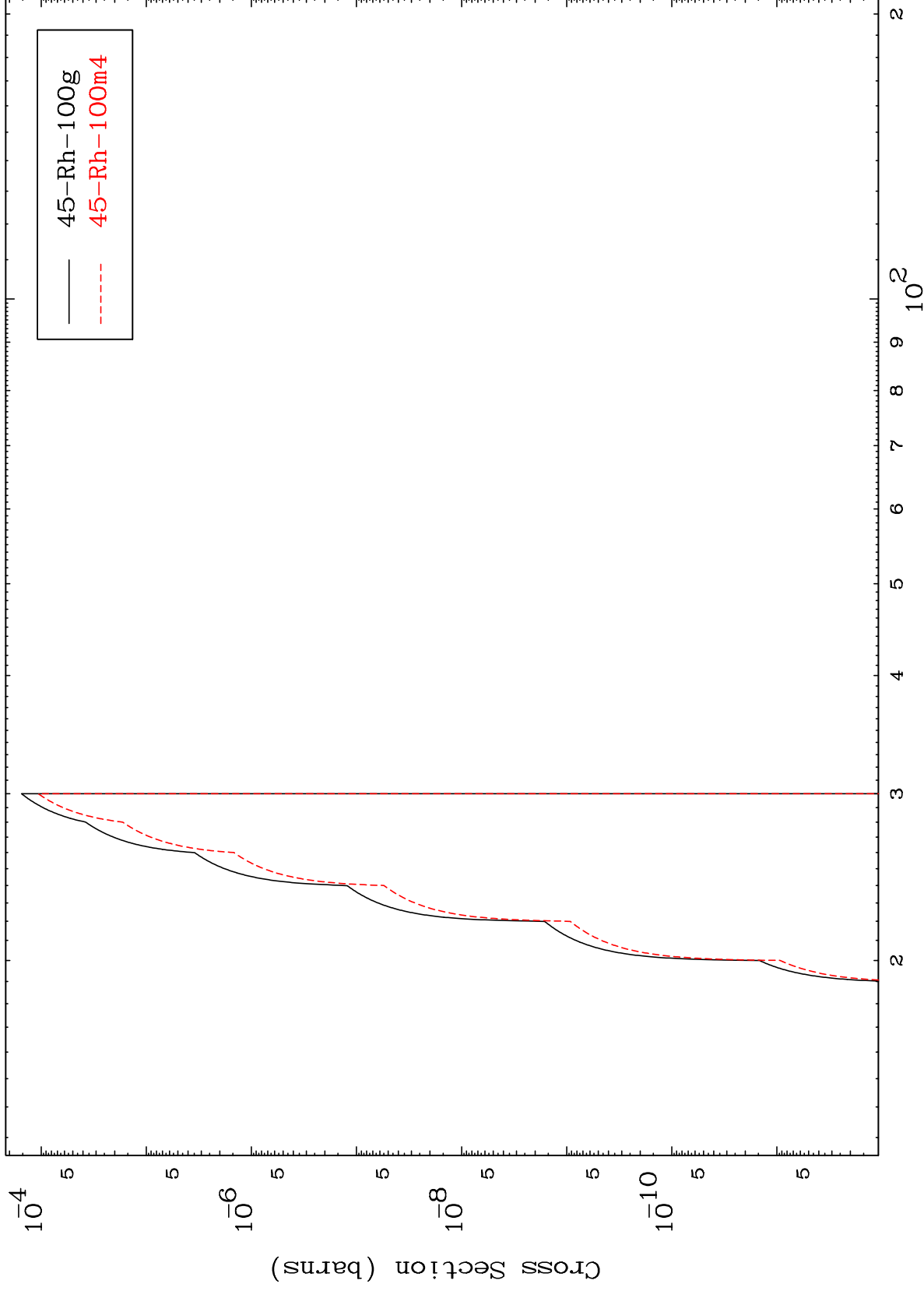
— 47-Ag-103g
- - - 47-Ag-103m2

MAT 4514

(n,He-3)

45-Rh-99m

Radionuclide Production Cross Section

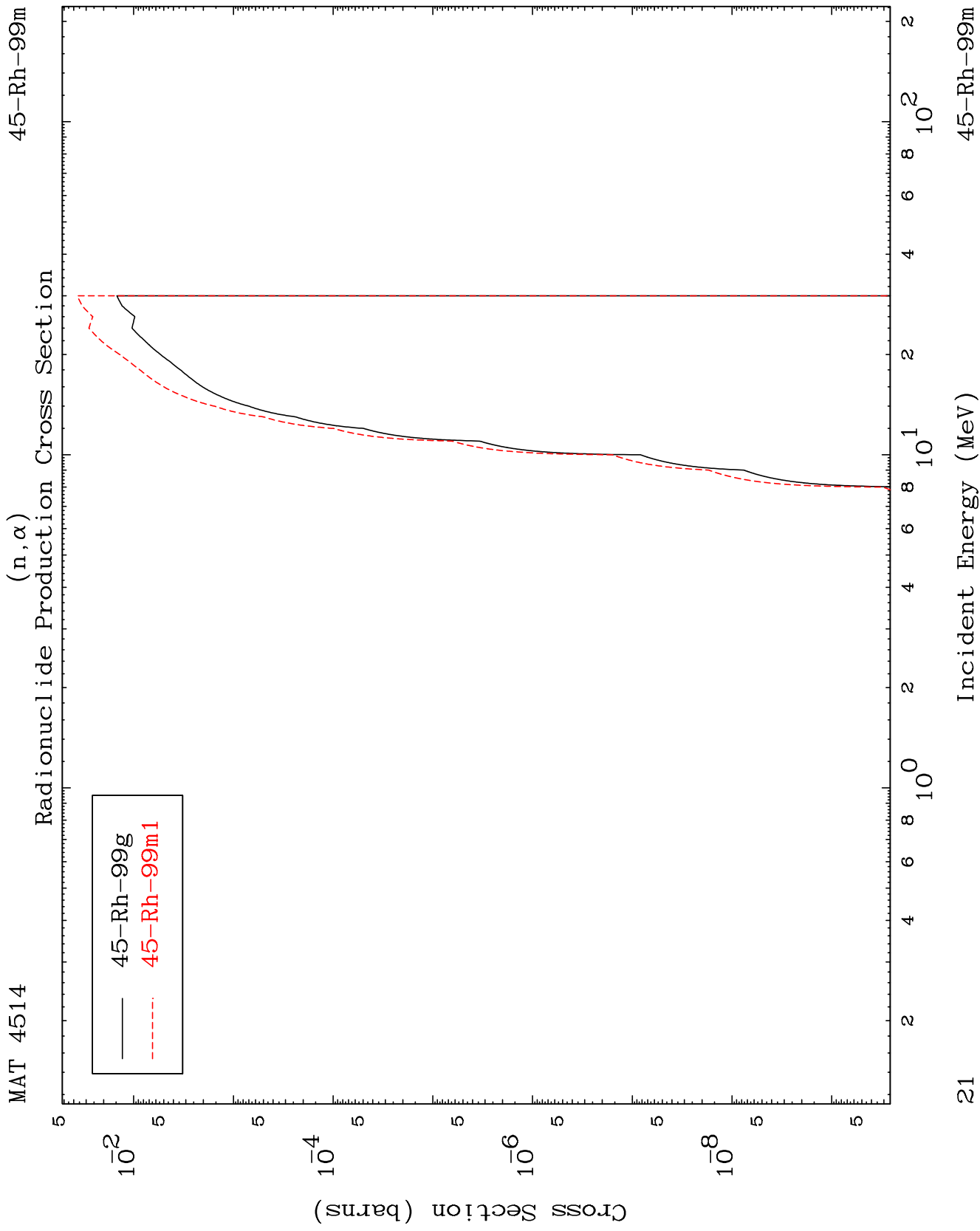


20

Incident Energy (MeV)

45-Rh-99m

MAT 4514

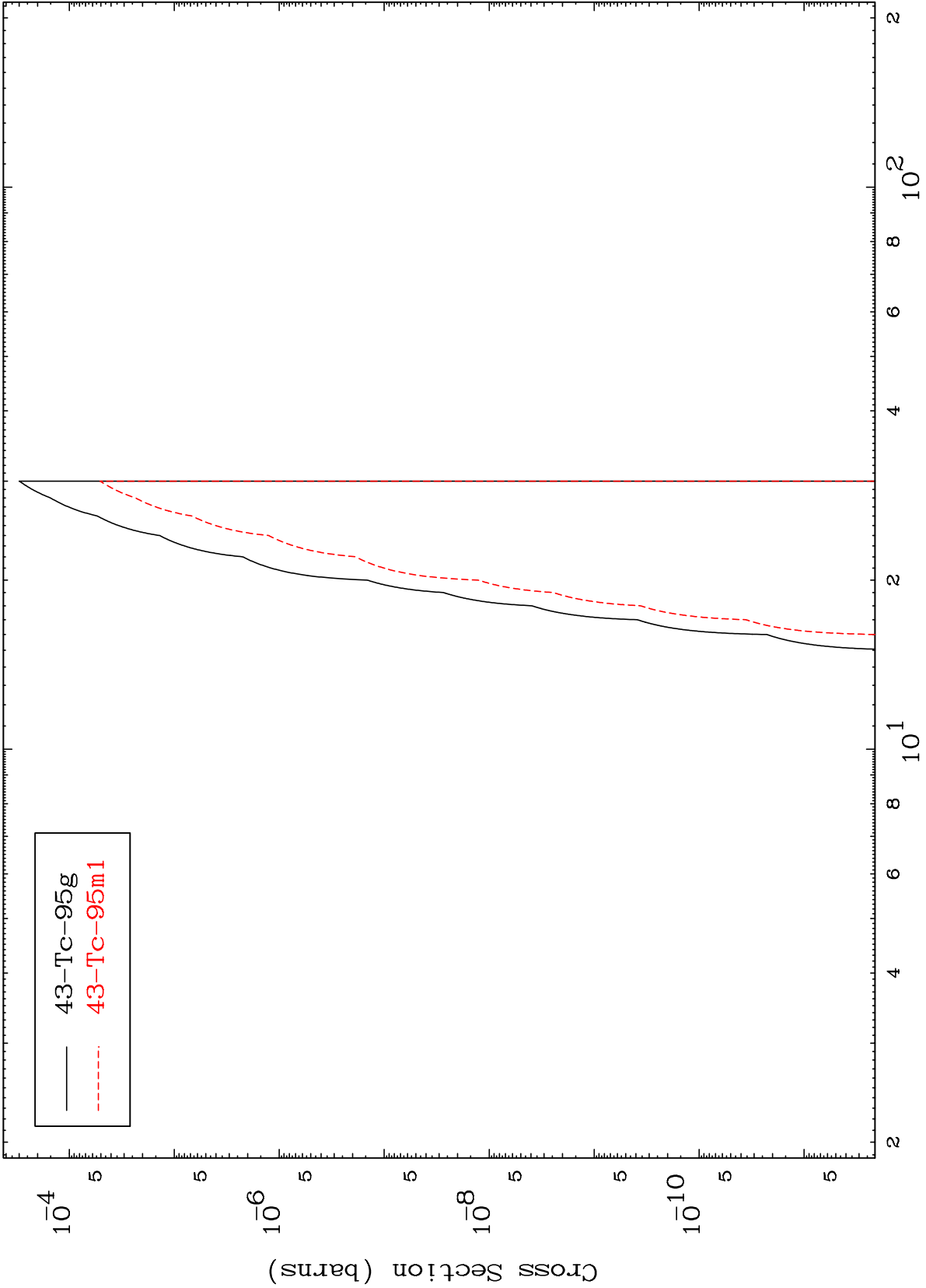


MAT 4514

(n,2α)

45-Rh-99m

Radionuclide Production Cross Section



22

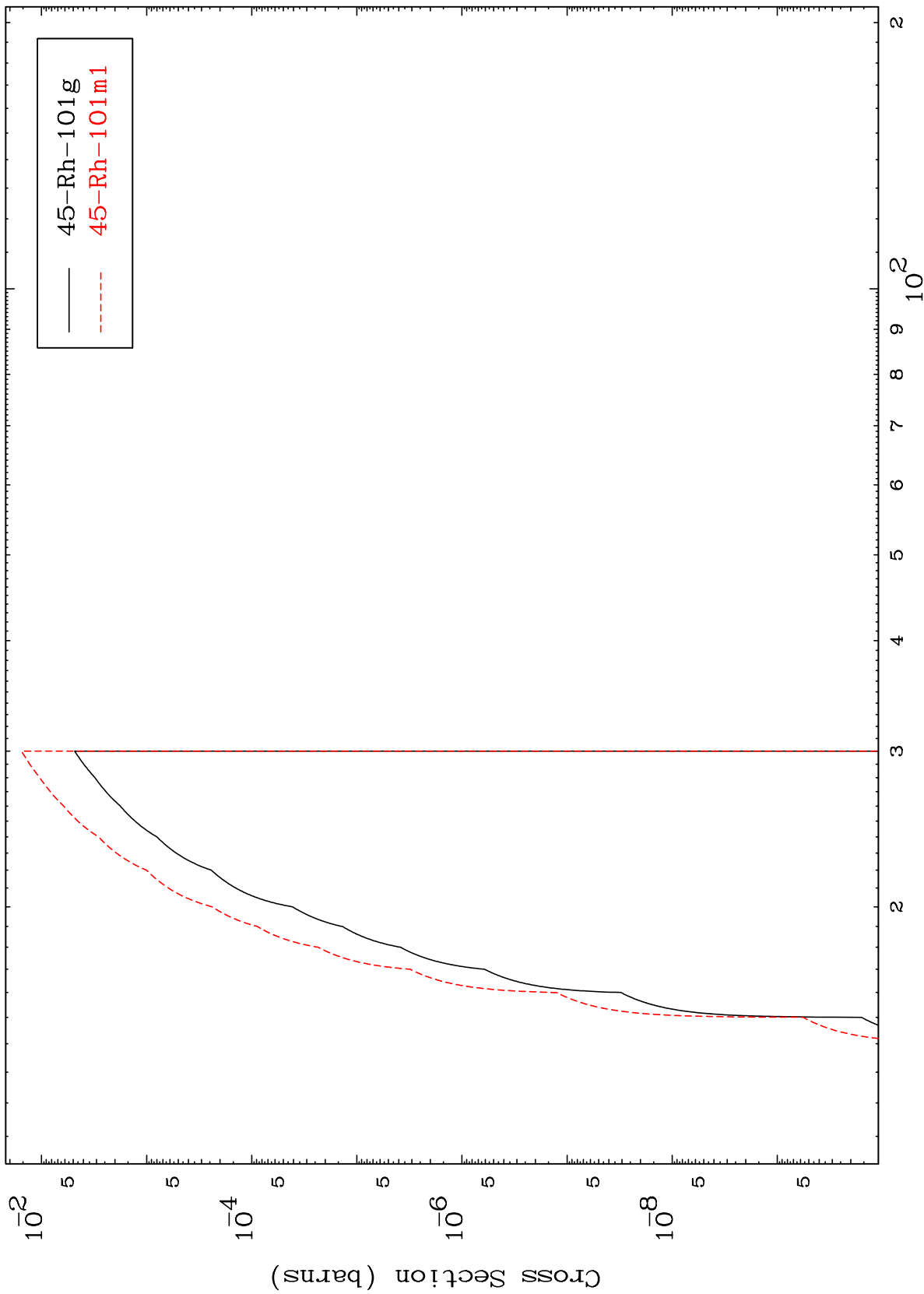
Incident Energy (MeV)

45-Rh-99m

MAT 4514

45-Rh-99m

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

45-Rh-99m

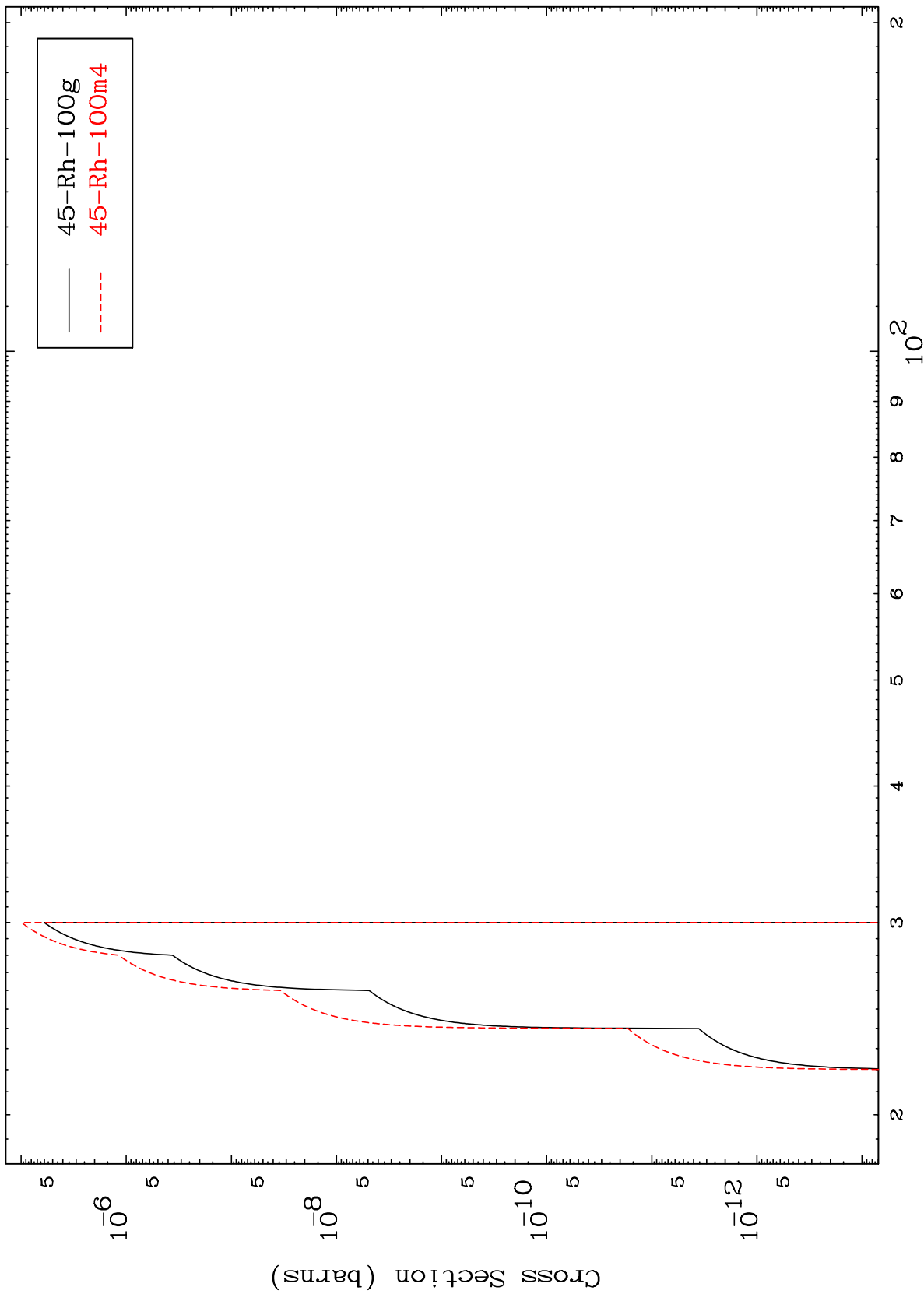
23

MAT 4514

(n,p) d

45-Rh-99m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

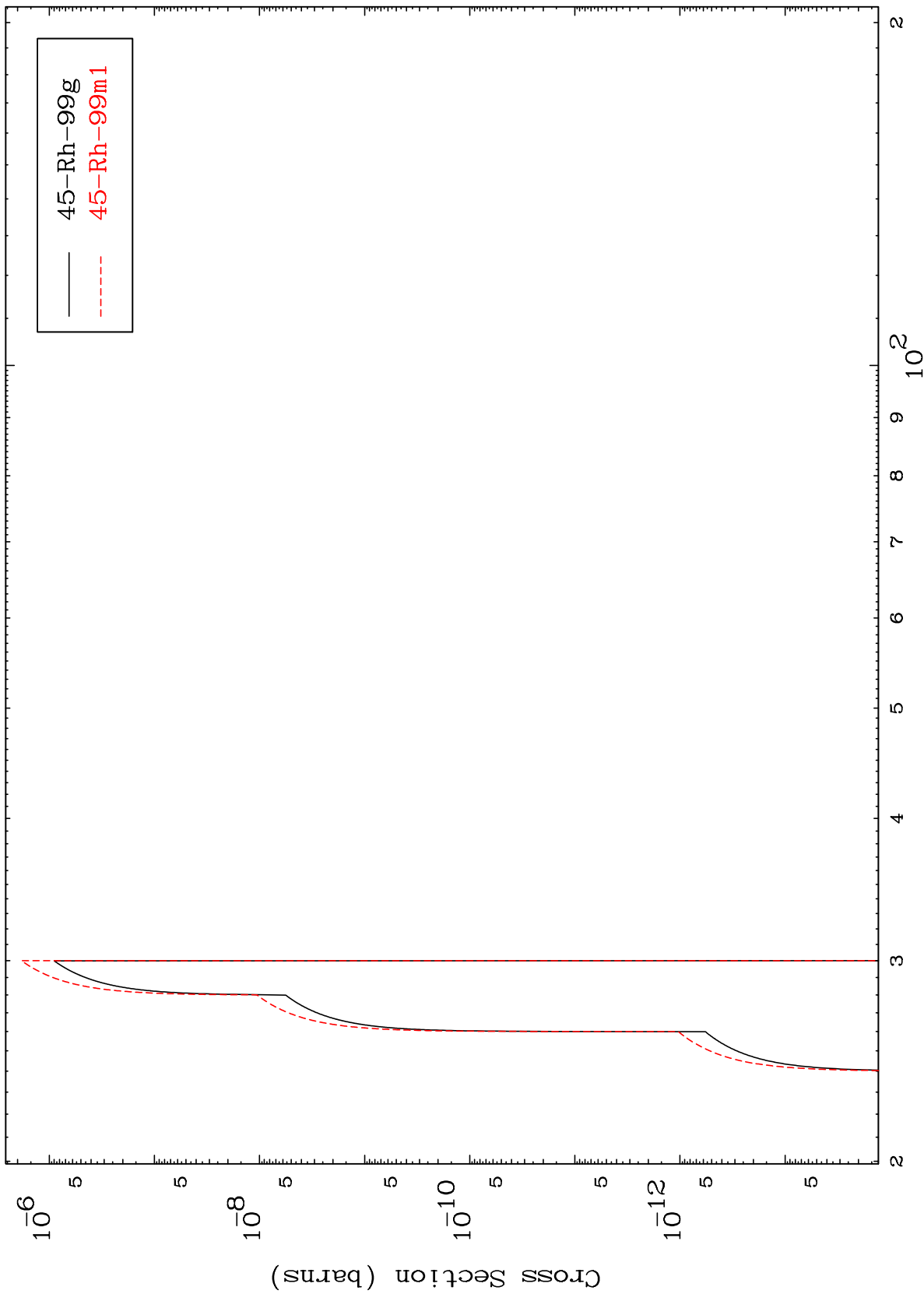
45-Rh-99m

MAT 4514

(n,p) t

45-Rh-99m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

45-Rh-99m