

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

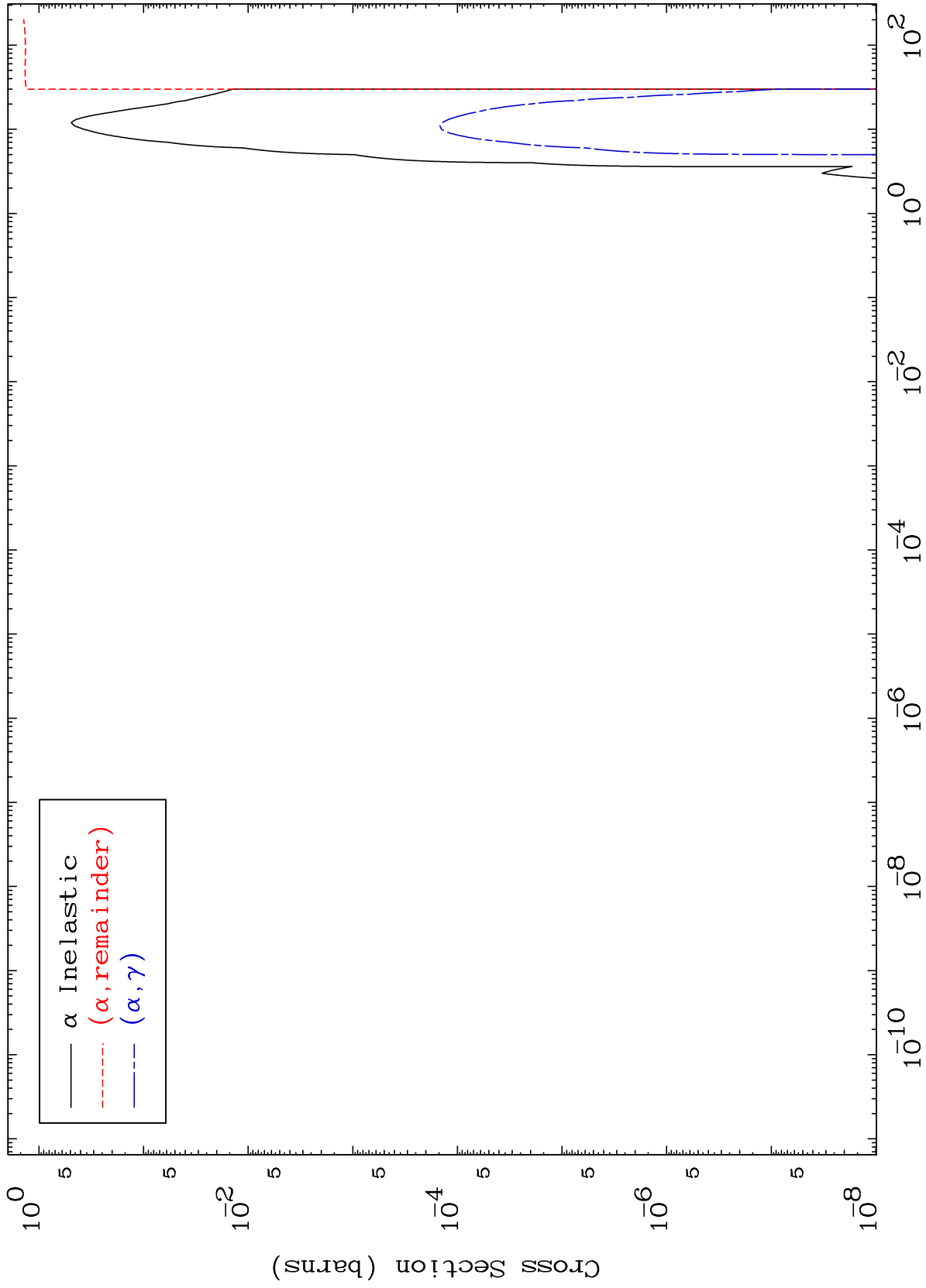
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2125

0 Kelvin α Major
Cross Sections

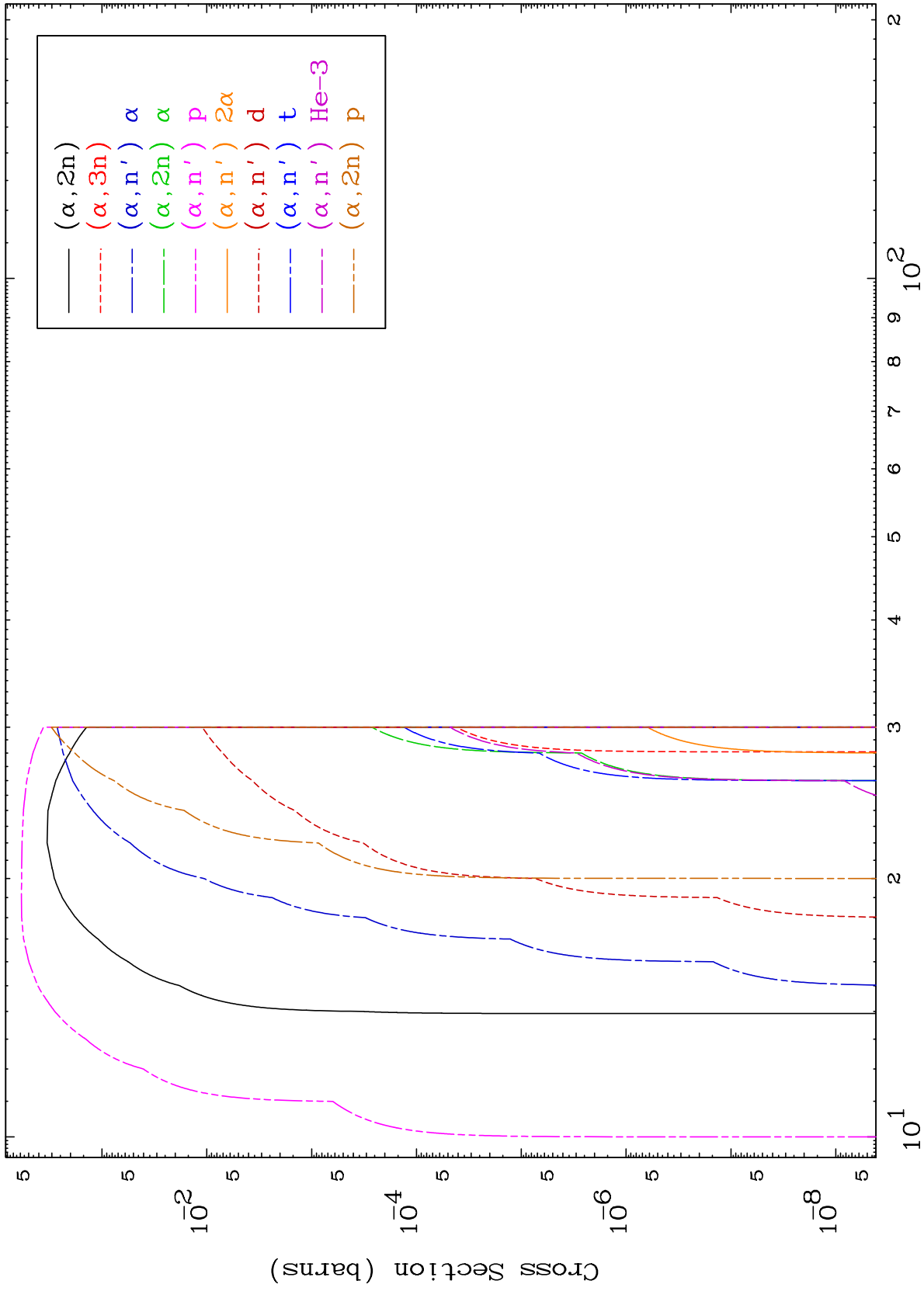
21-Sc-45



MAT 2125

α Neutron Production
0 Kelvin Cross Sections

21-Sc-45



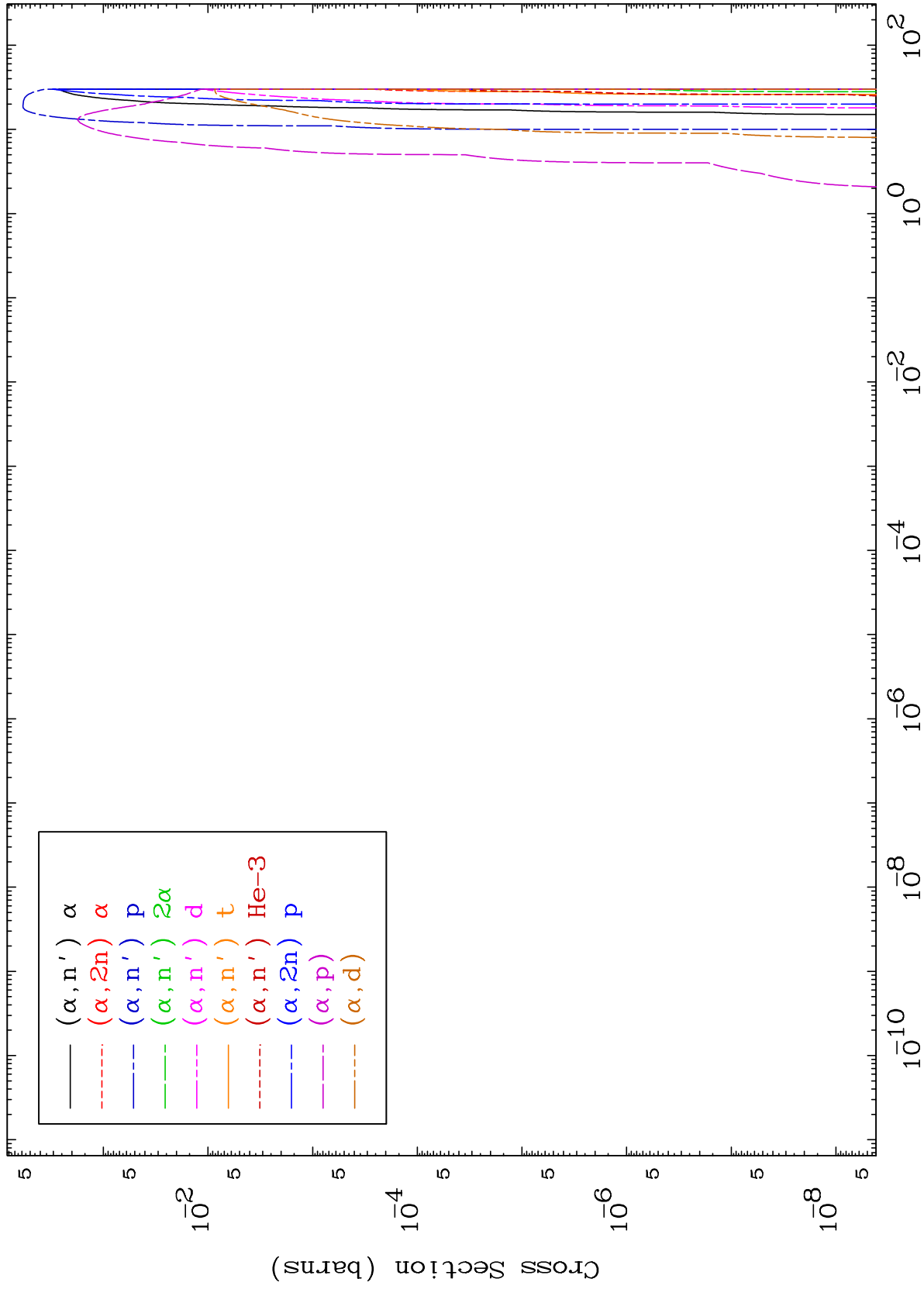
Incident Energy (MeV)

21-Sc-45

MAT 2125

α Charged Particle
0 Kelvin Cross Sections

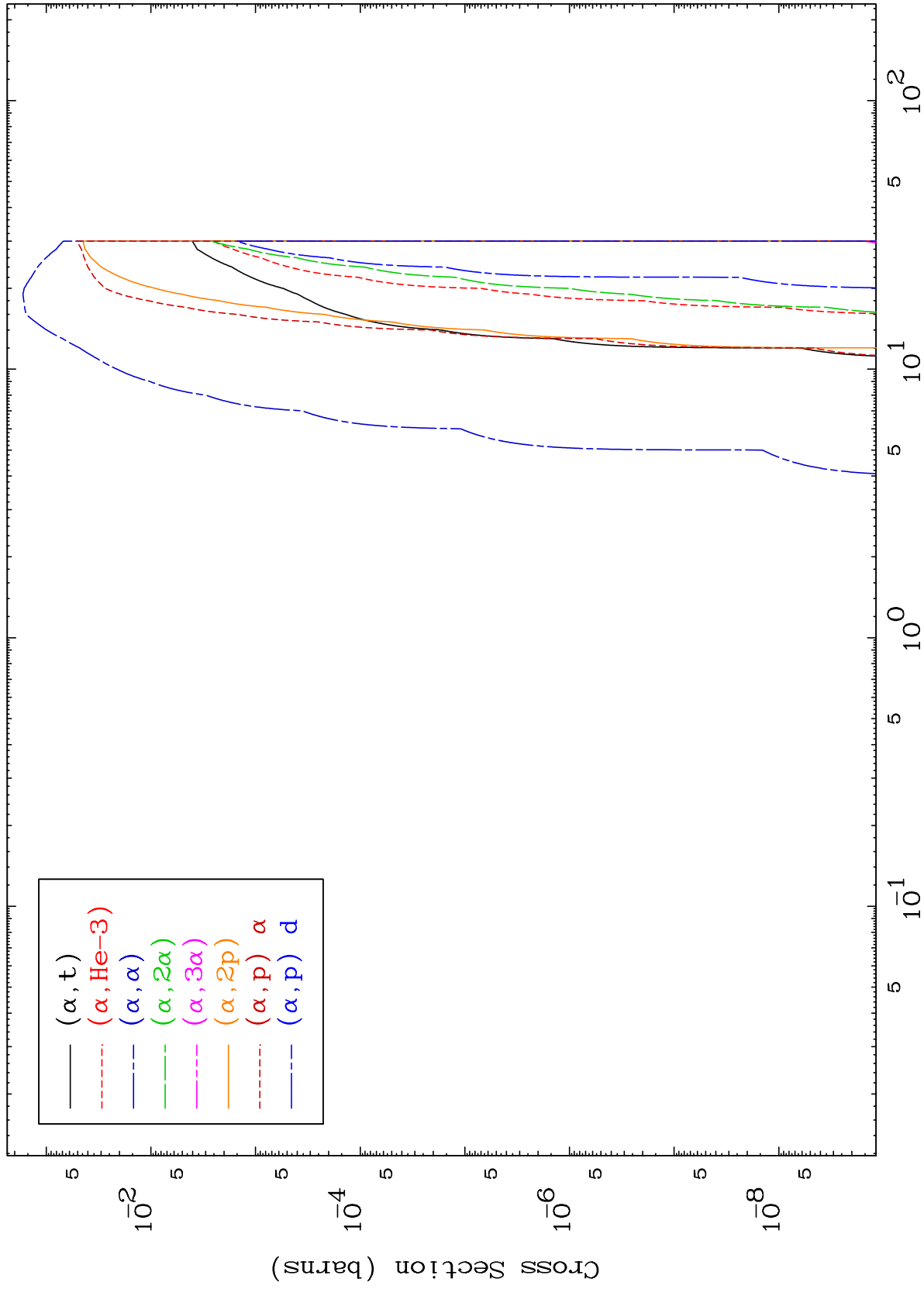
21-Sc-45

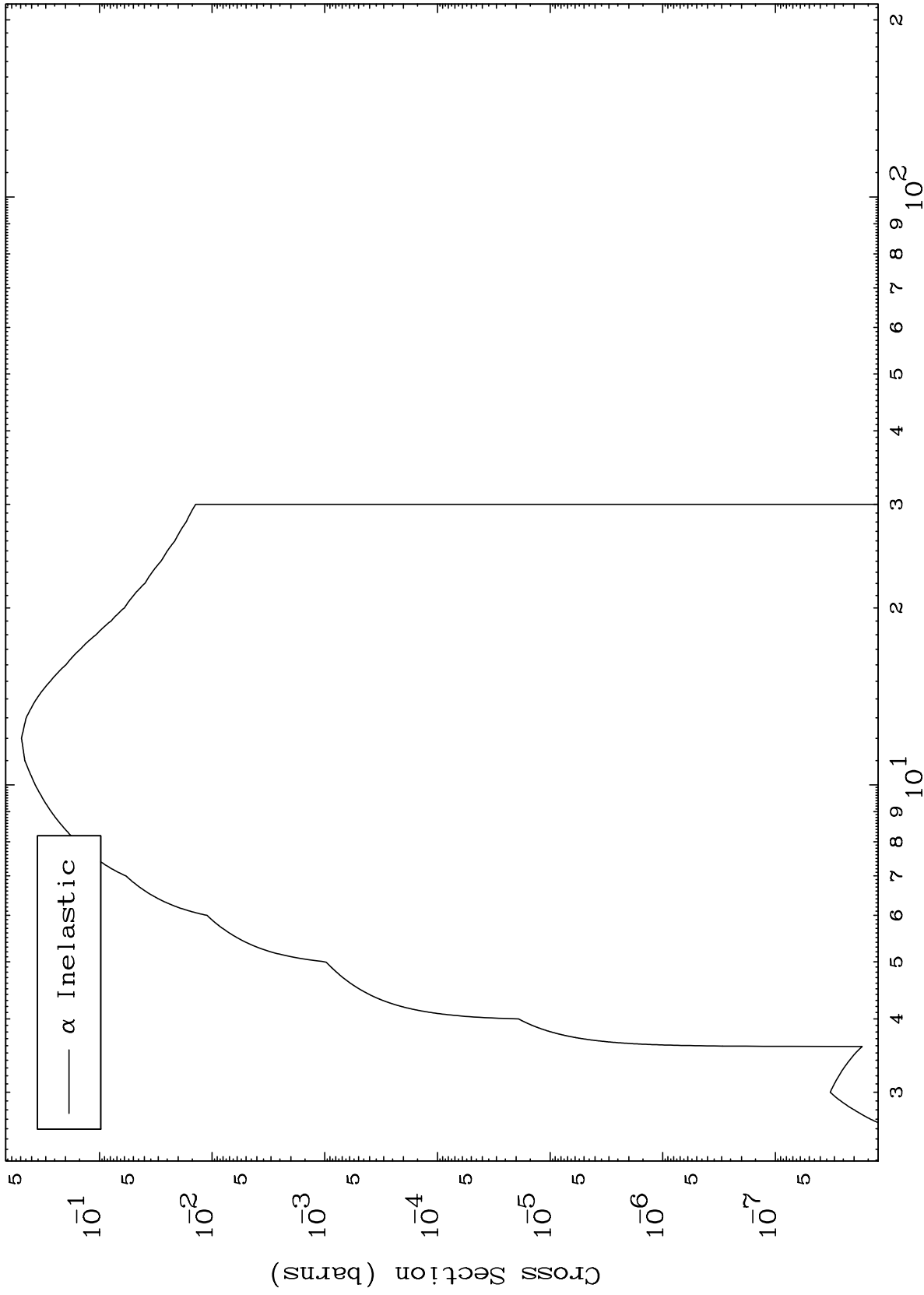


3

Incident Energy (MeV)

21-Sc-45

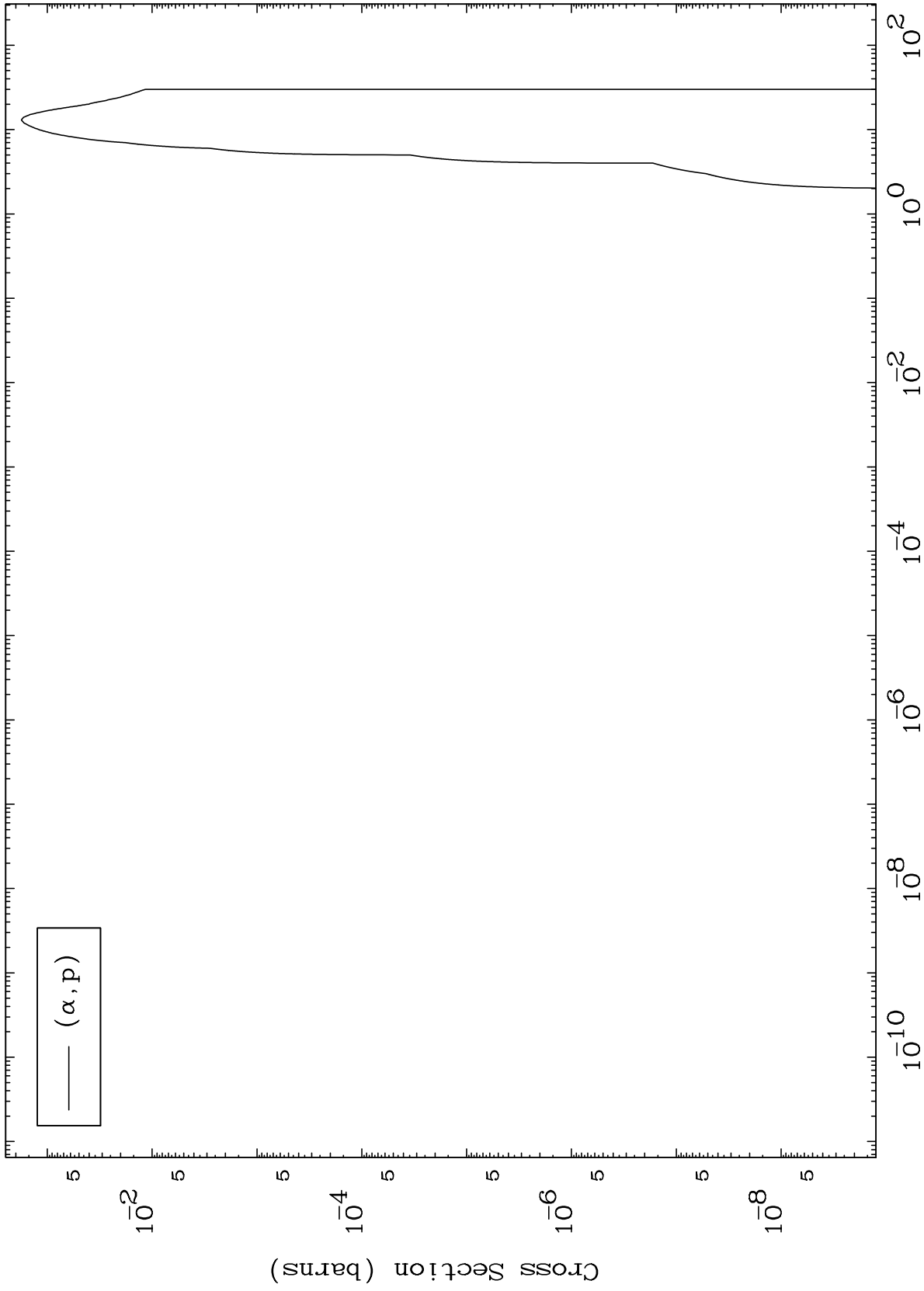




MAT 2125

(α, p) Levels
0 Kelvin Cross Sections

21-Sc-45



6

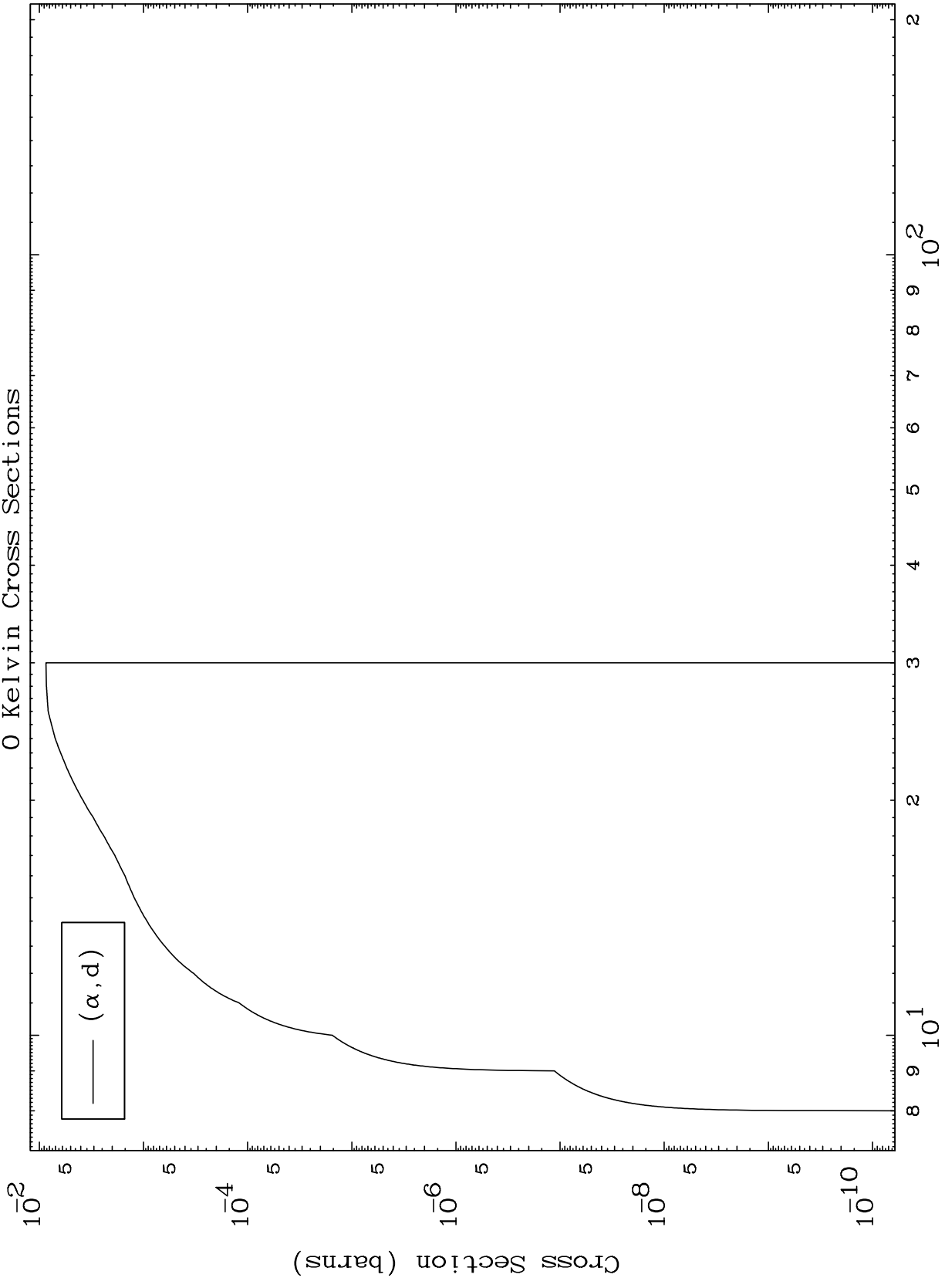
Incident Energy (MeV)

21-Sc-45

MAT 2125

(α, d) Levels
0 Kelvin Cross Sections

21-Sc-45



7

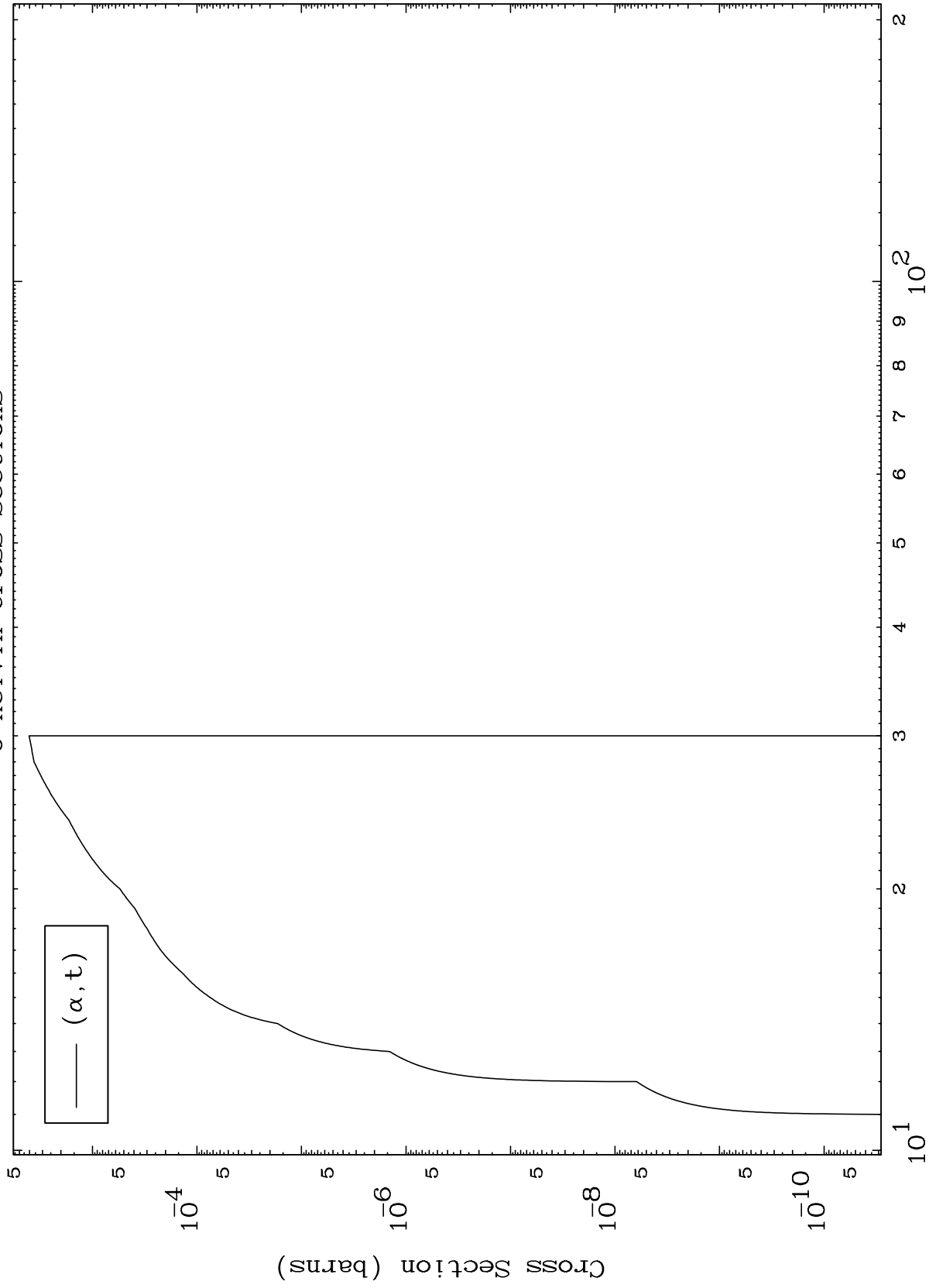
Incident Energy (MeV)

21-Sc-45

MAT 2125

(α, t) Levels
0 Kelvin Cross Sections

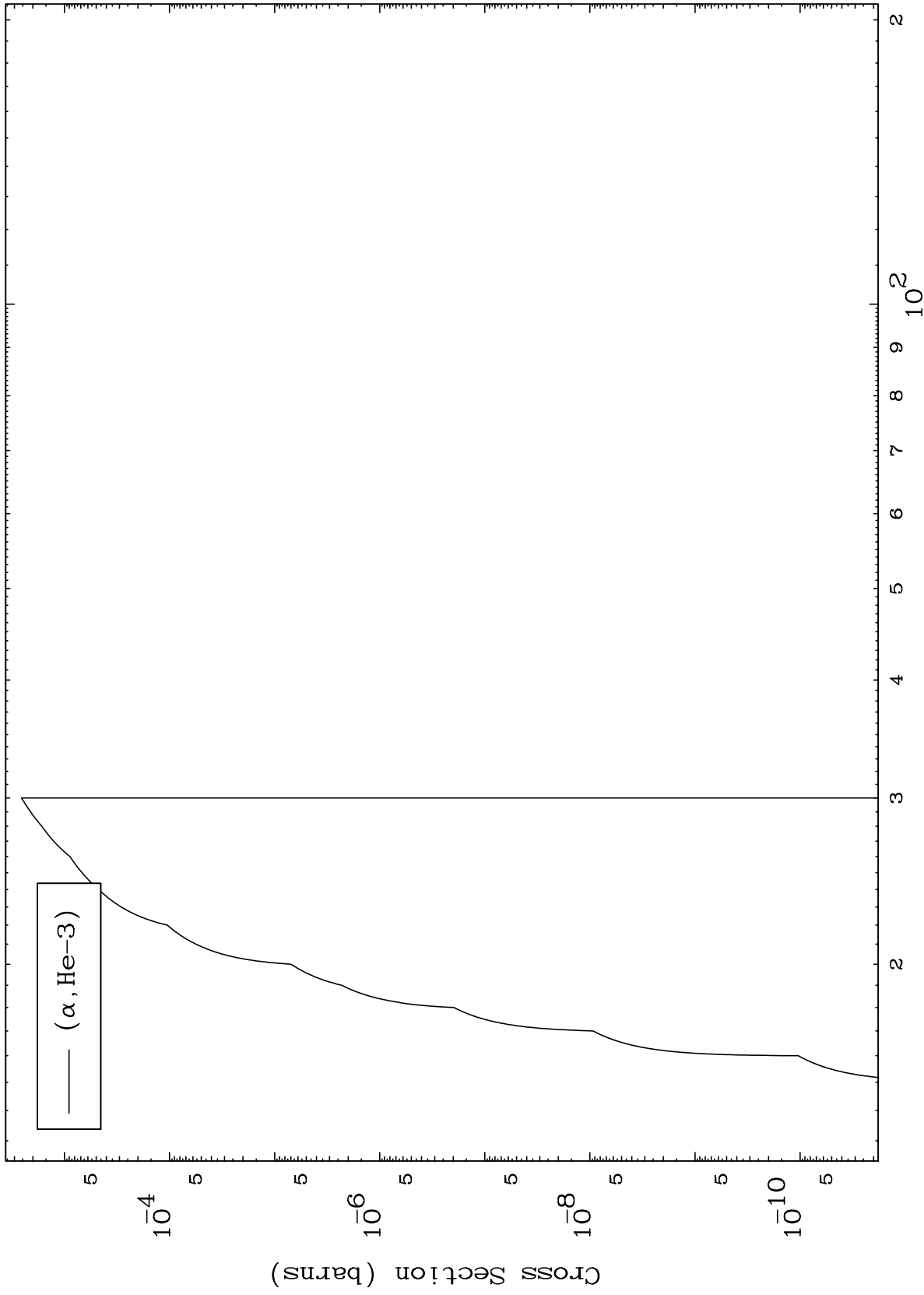
21-Sc-45



8

Incident Energy (MeV)

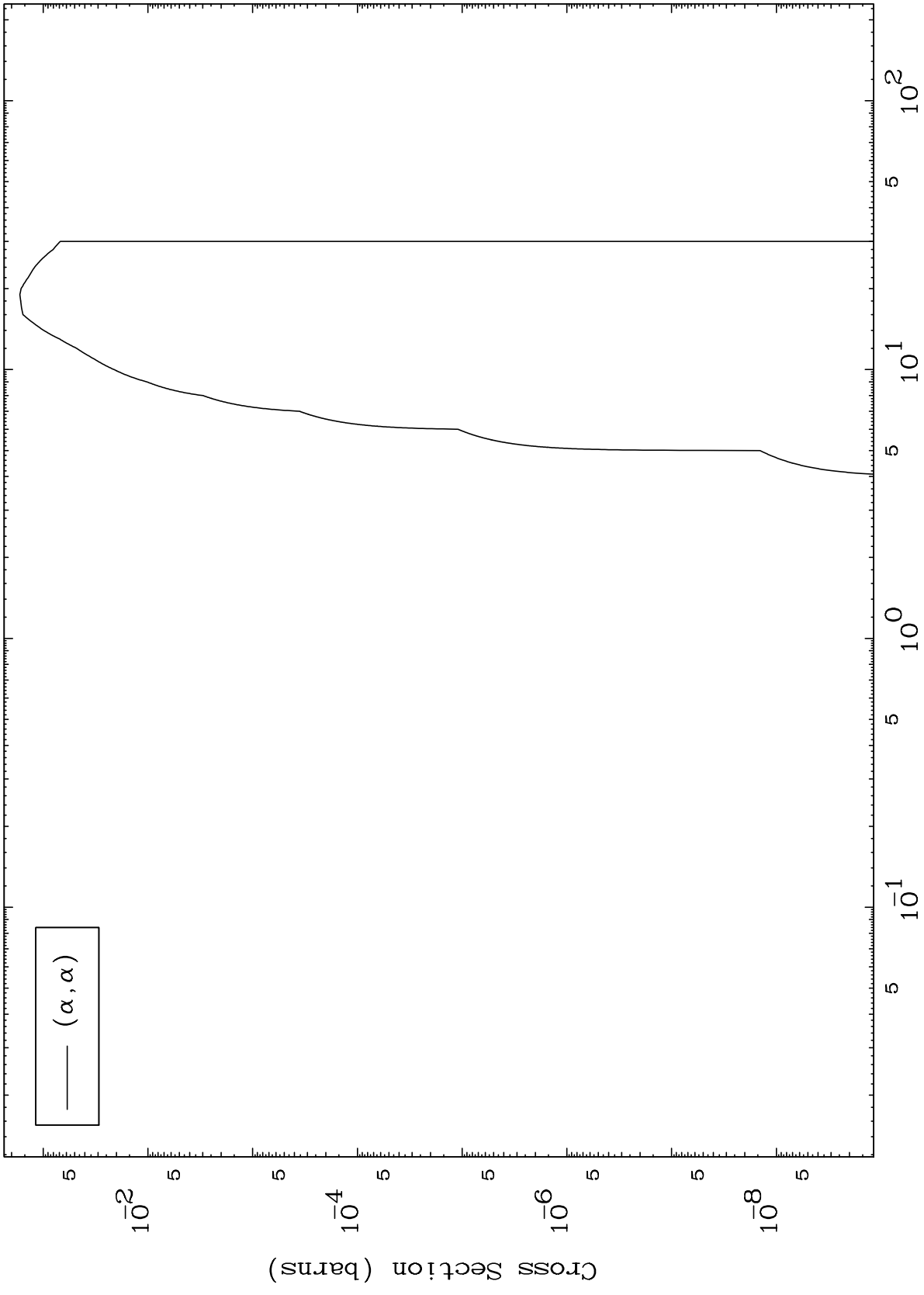
21-Sc-45



MAT 2125

(α, α) Levels
0 Kelvin Cross Sections

21-Sc-45



10

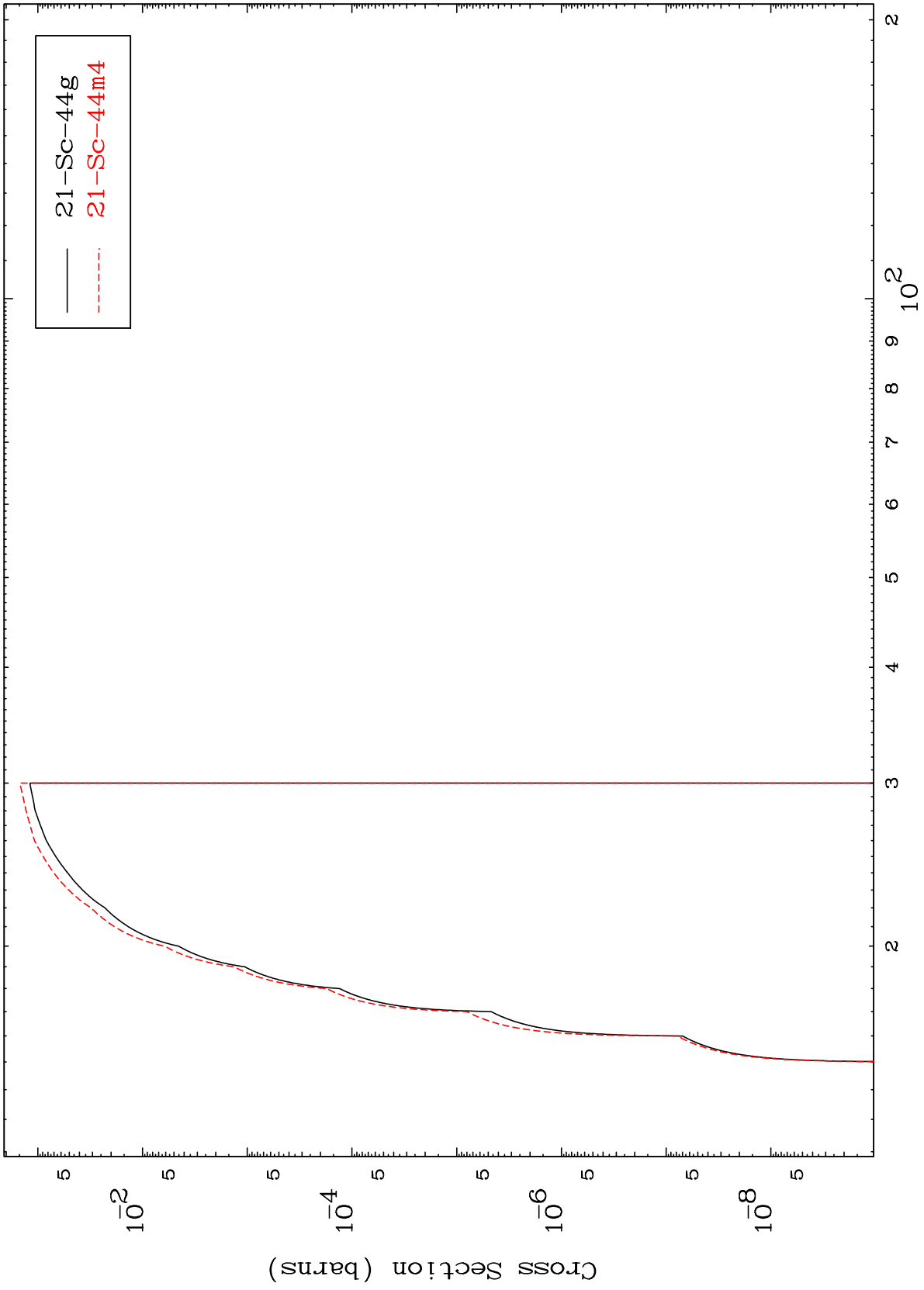
21-Sc-45

MAT 2125

(α, n') α

21-Sc-45

Radionuclide Production Cross Section



11

Incident Energy (MeV)

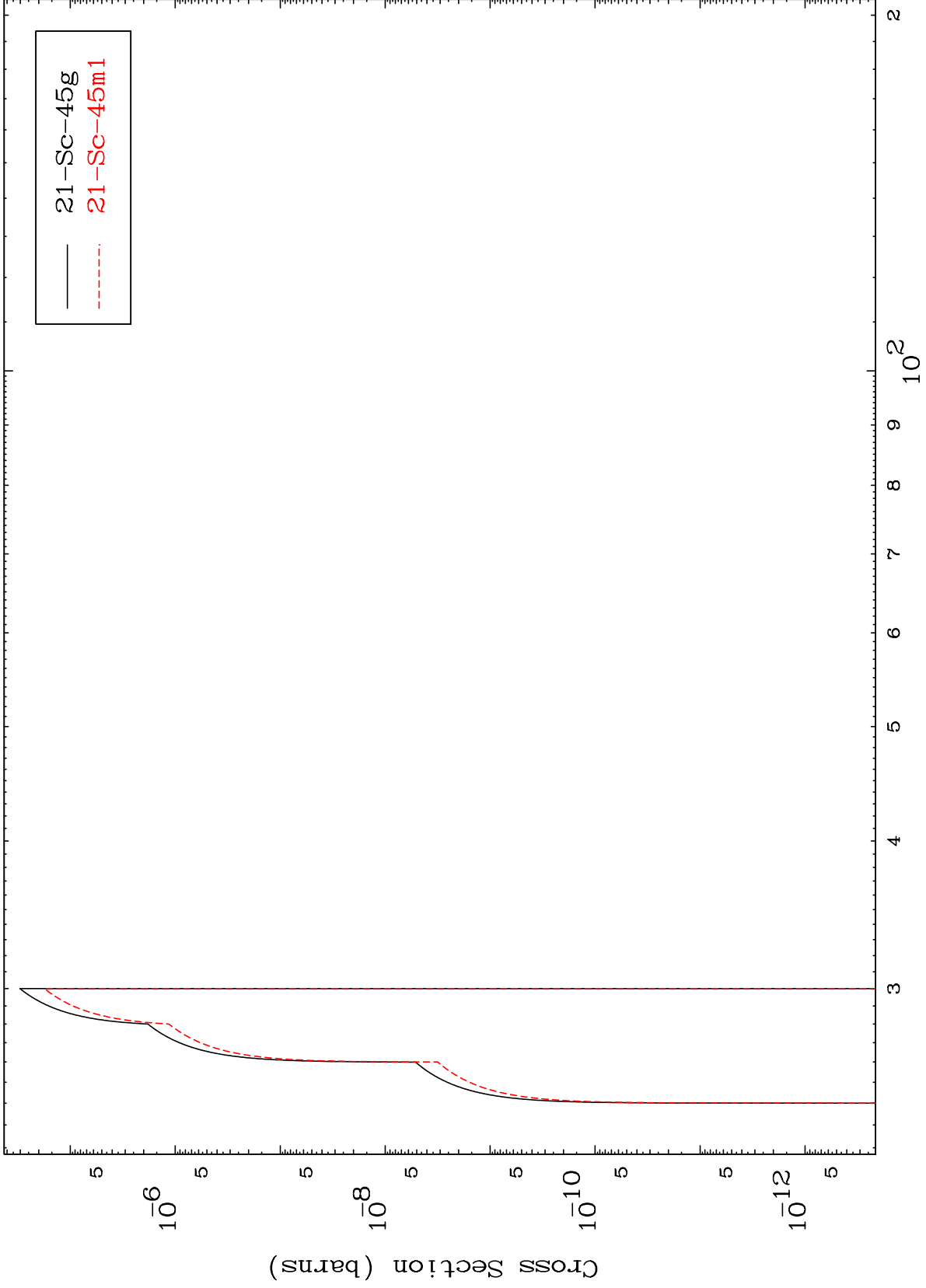
21-Sc-45

MAT 2125

(α, n') He-3

21-Sc-45

Radionuclide Production Cross Section



12

Incident Energy (MeV)

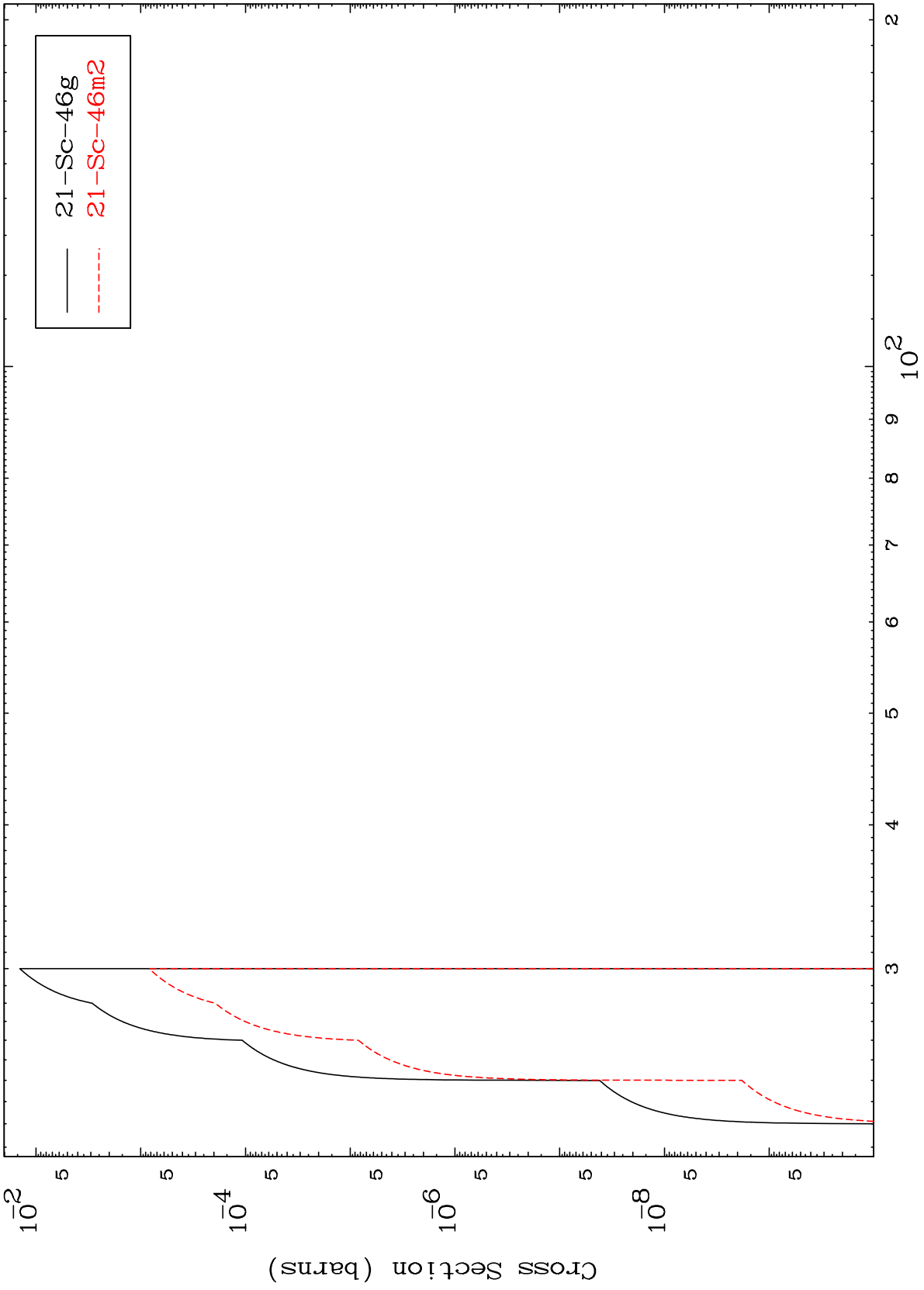
21-Sc-45

MAT 2125

($\alpha, 2n$) p

21-Sc-45

Radionuclide Production Cross Section



13

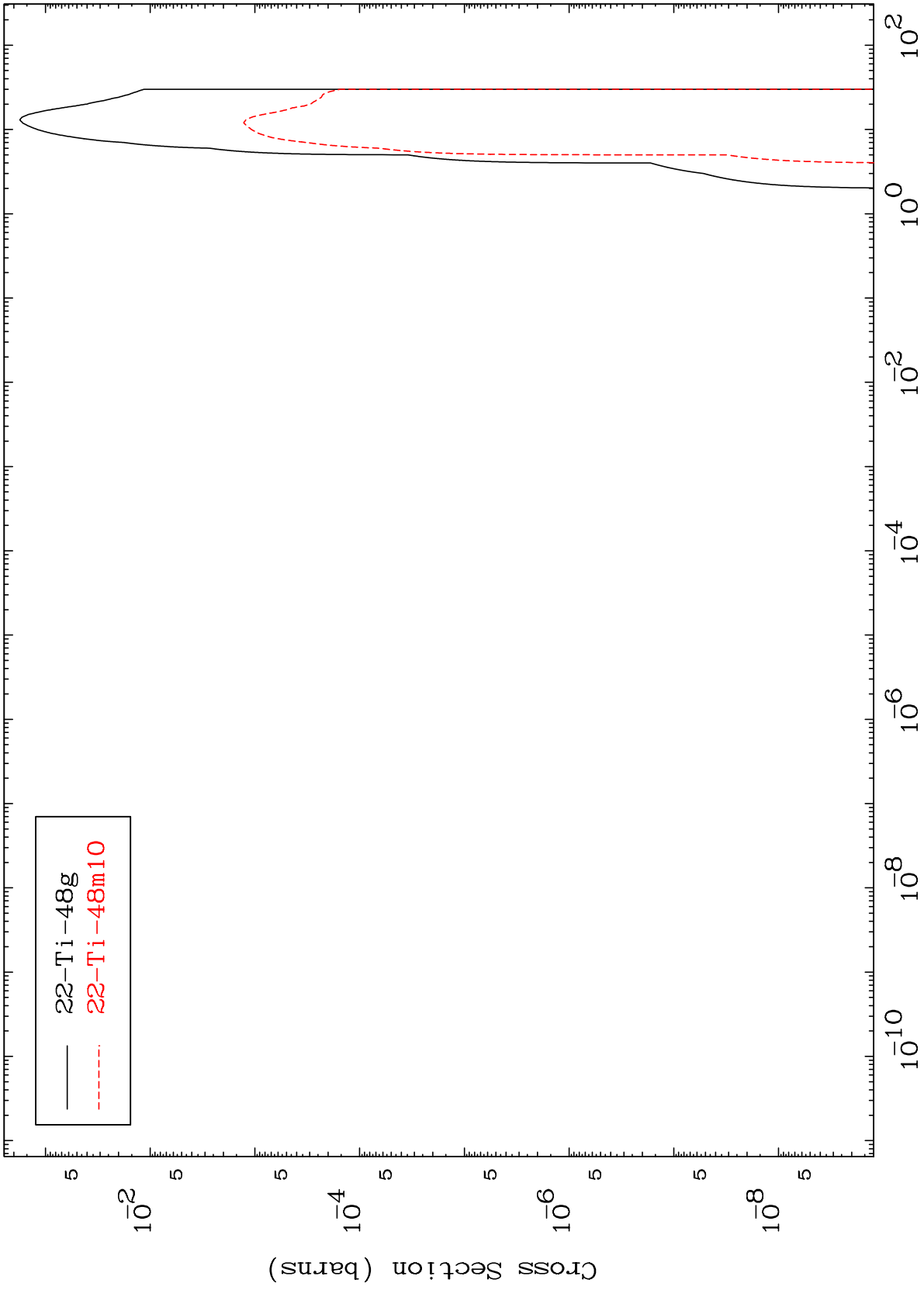
Incident Energy (MeV)

21-Sc-45

MAT 2125

Radionuclide Production Cross Section
(α, p)

21-Sc-45

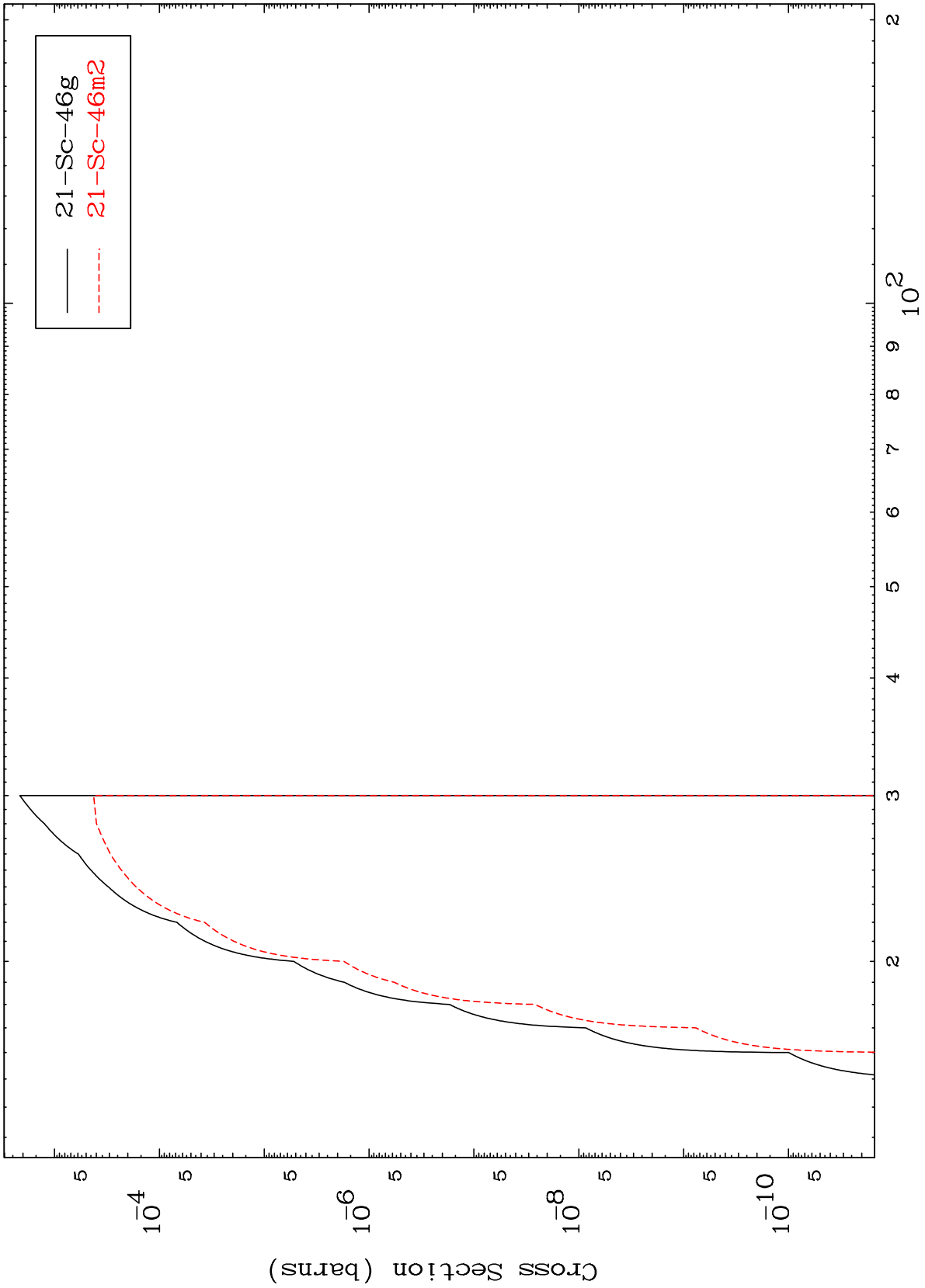


MAT 2125

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

21-Sc-45

Radionuclide Production Cross Section



15

Incident Energy (MeV)

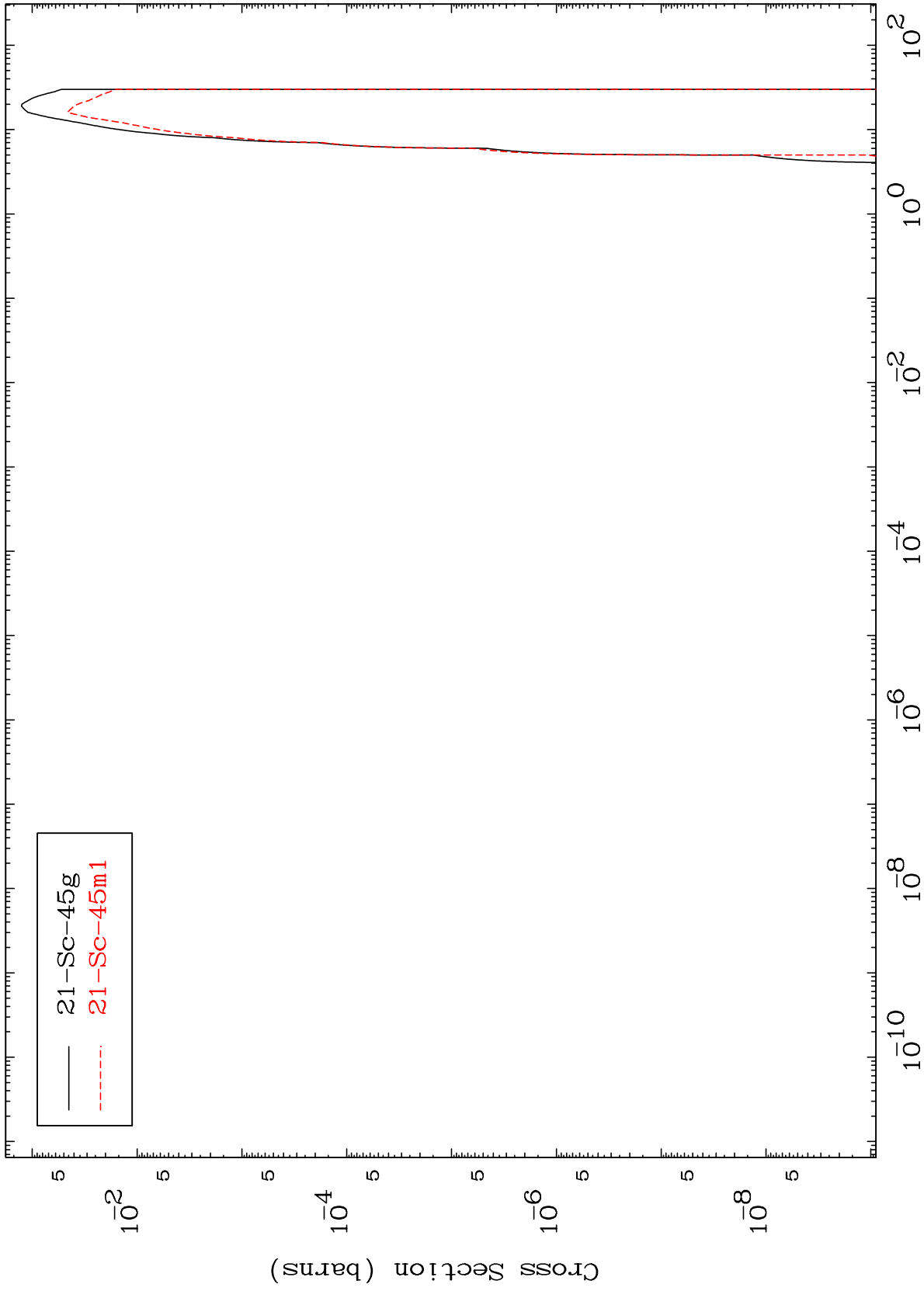
21-Sc-45

MAT 2125

(α, α)

21-Sc-45

Radionuclide Production Cross Section



16

Incident Energy (MeV)

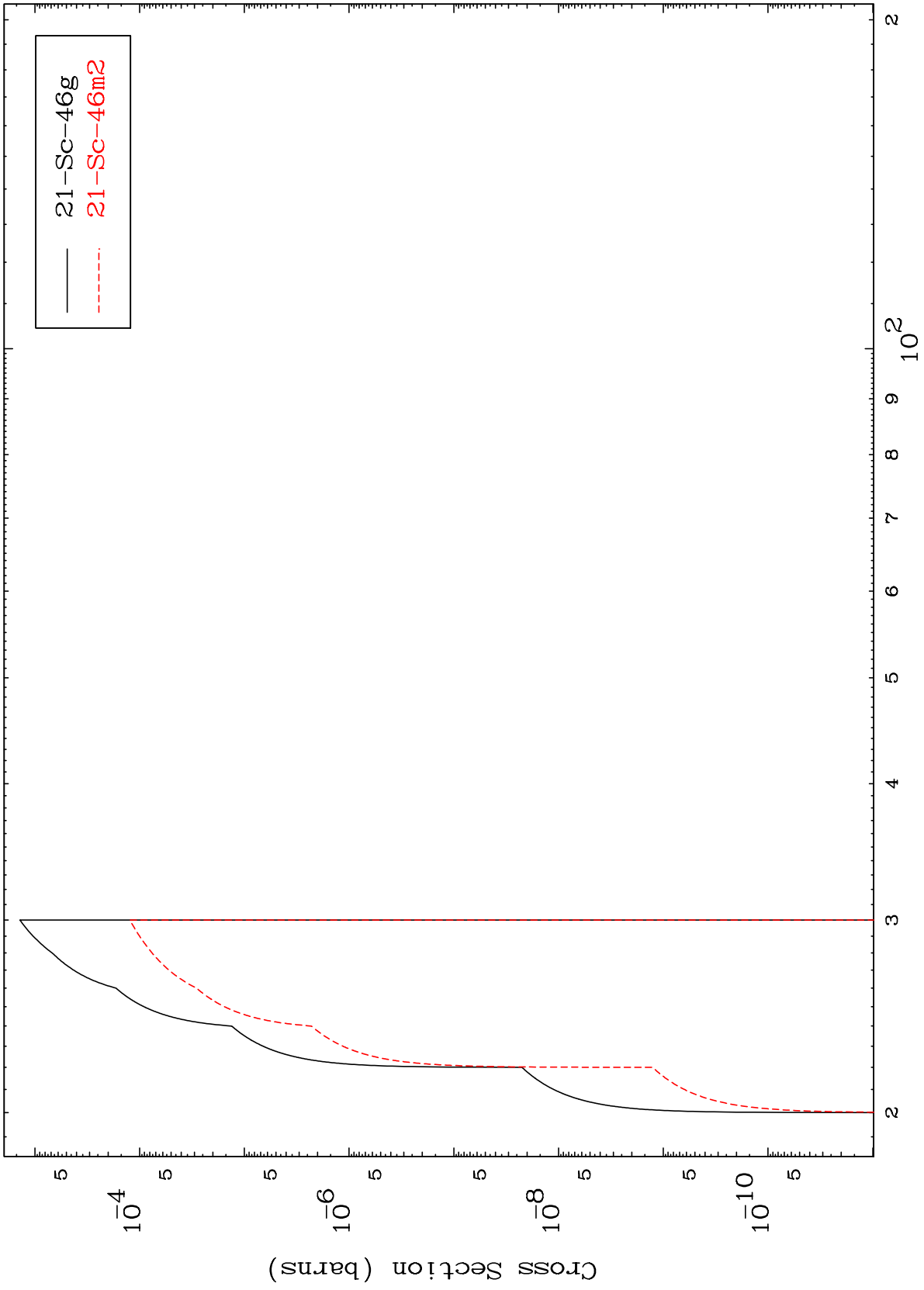
21-Sc-45

MAT 2125

(α, p) d

21-Sc-45

Radionuclide Production Cross Section



17

Incident Energy (MeV)

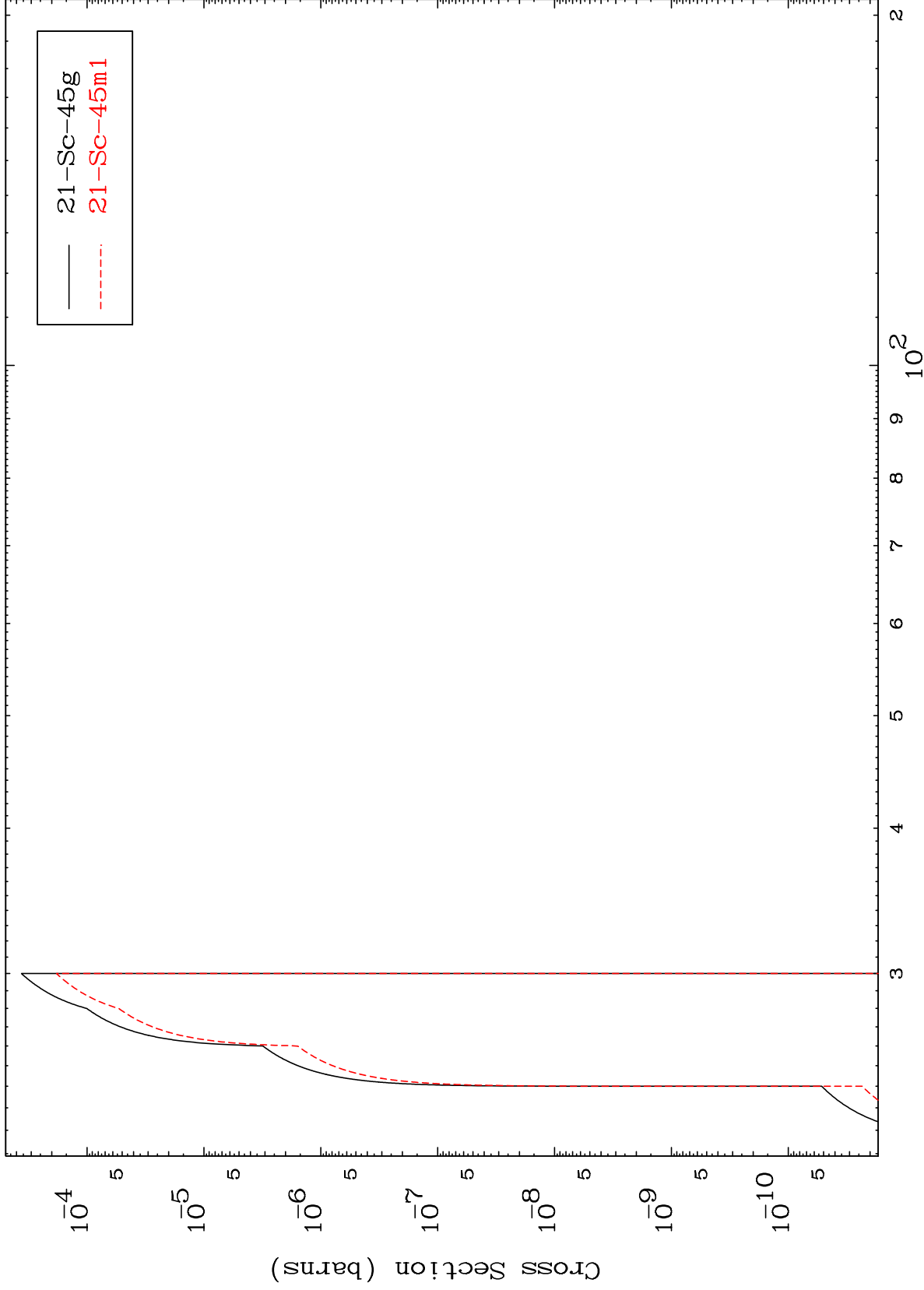
21-Sc-45

MAT 2125

(α, p) t

21-Sc-45

Radionuclide Production Cross Section



18

Incident Energy (MeV)

21-Sc-45