

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

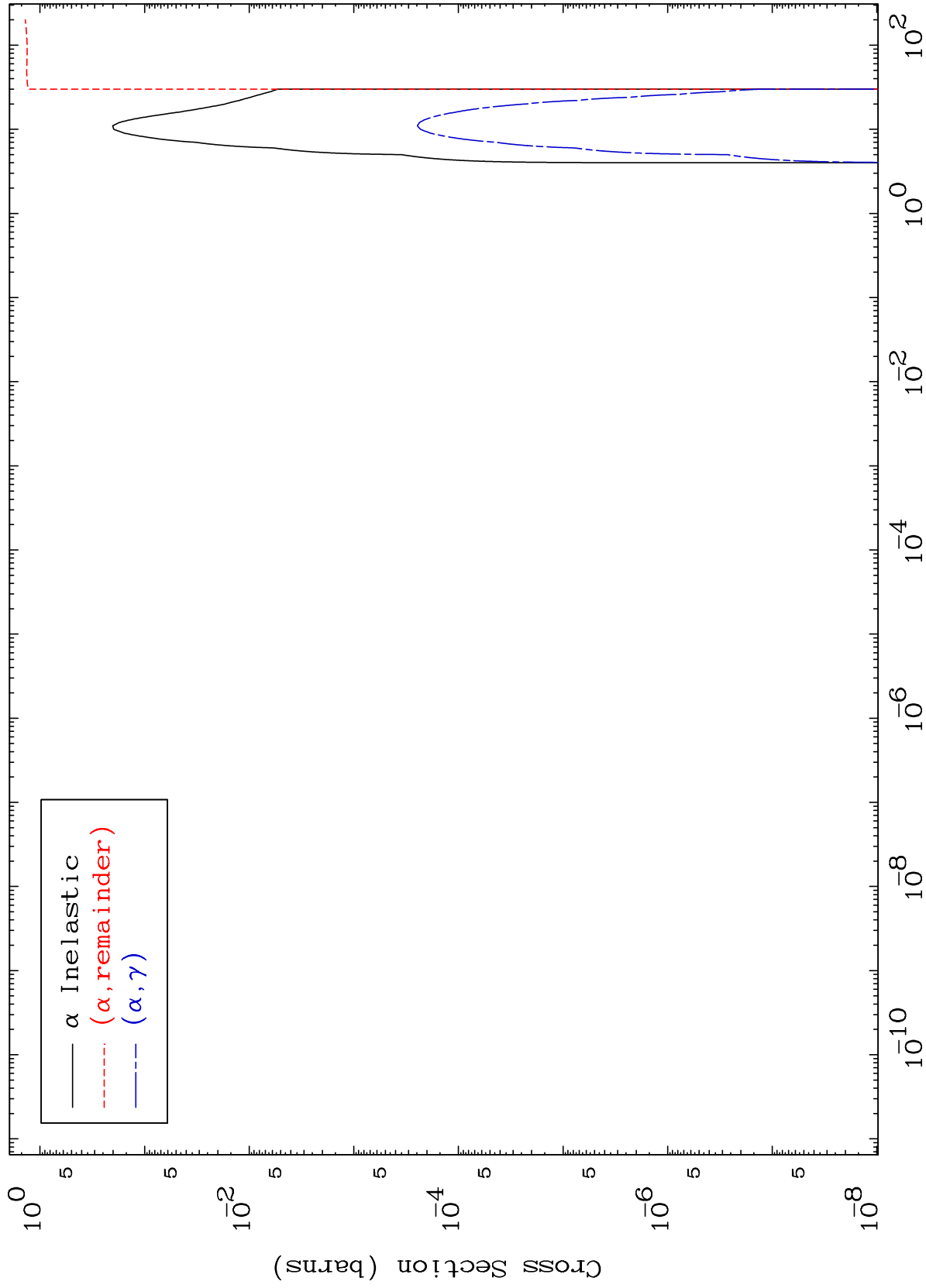
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2122

0 Kelvin  $\alpha$  Major  
Cross Sections

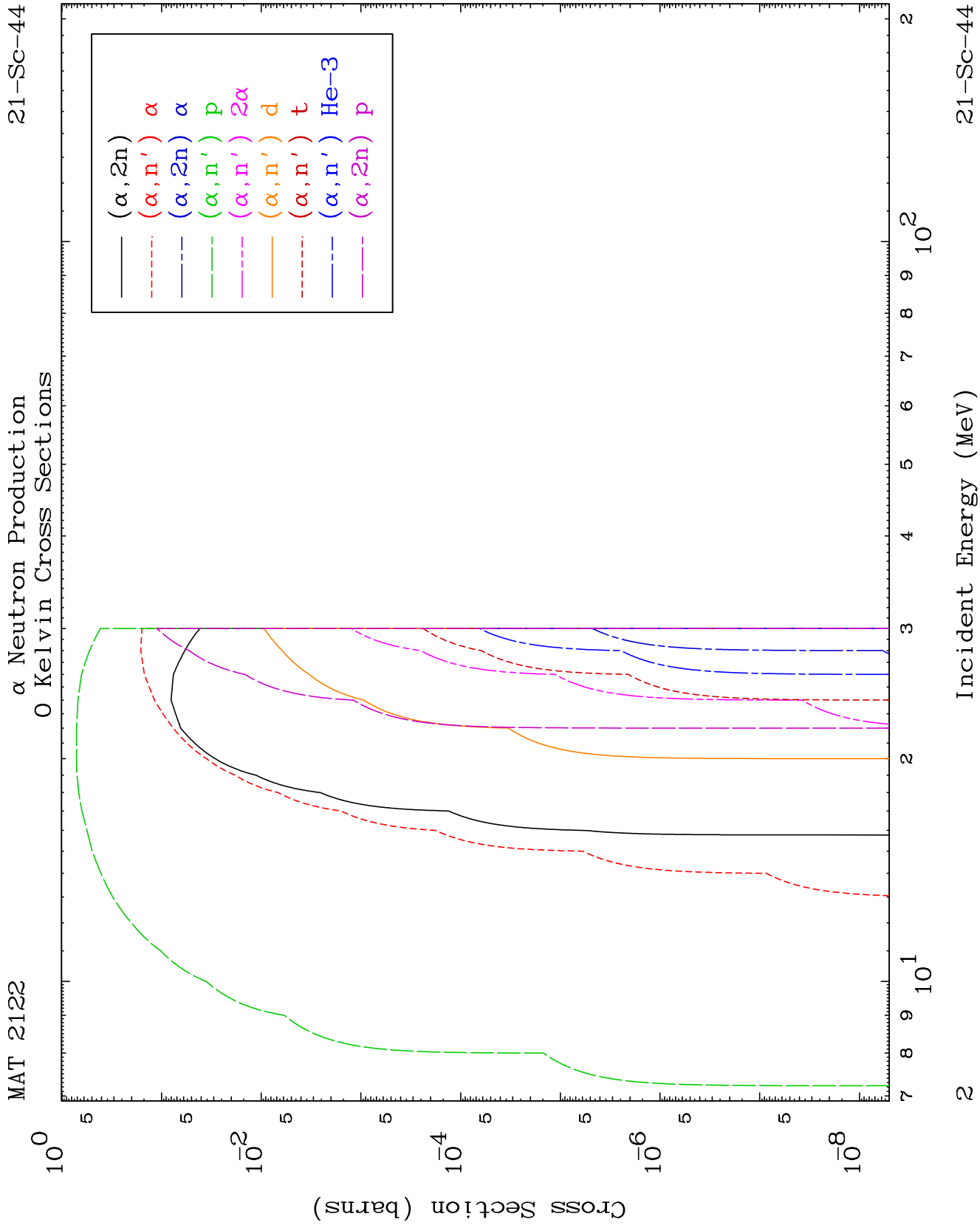
21-Sc-44



1

Incident Energy (MeV)

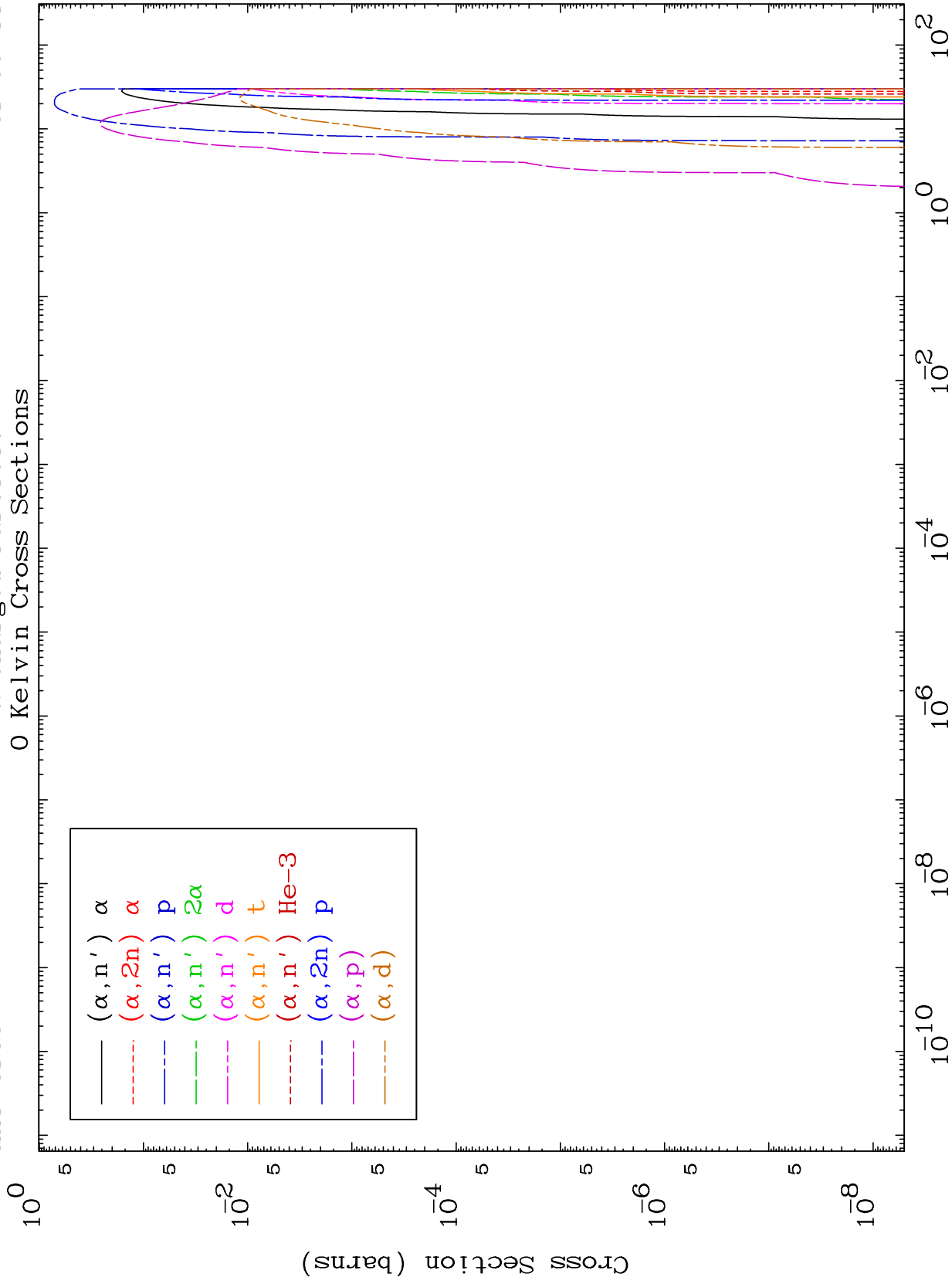
21-Sc-44



MAT 2122

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

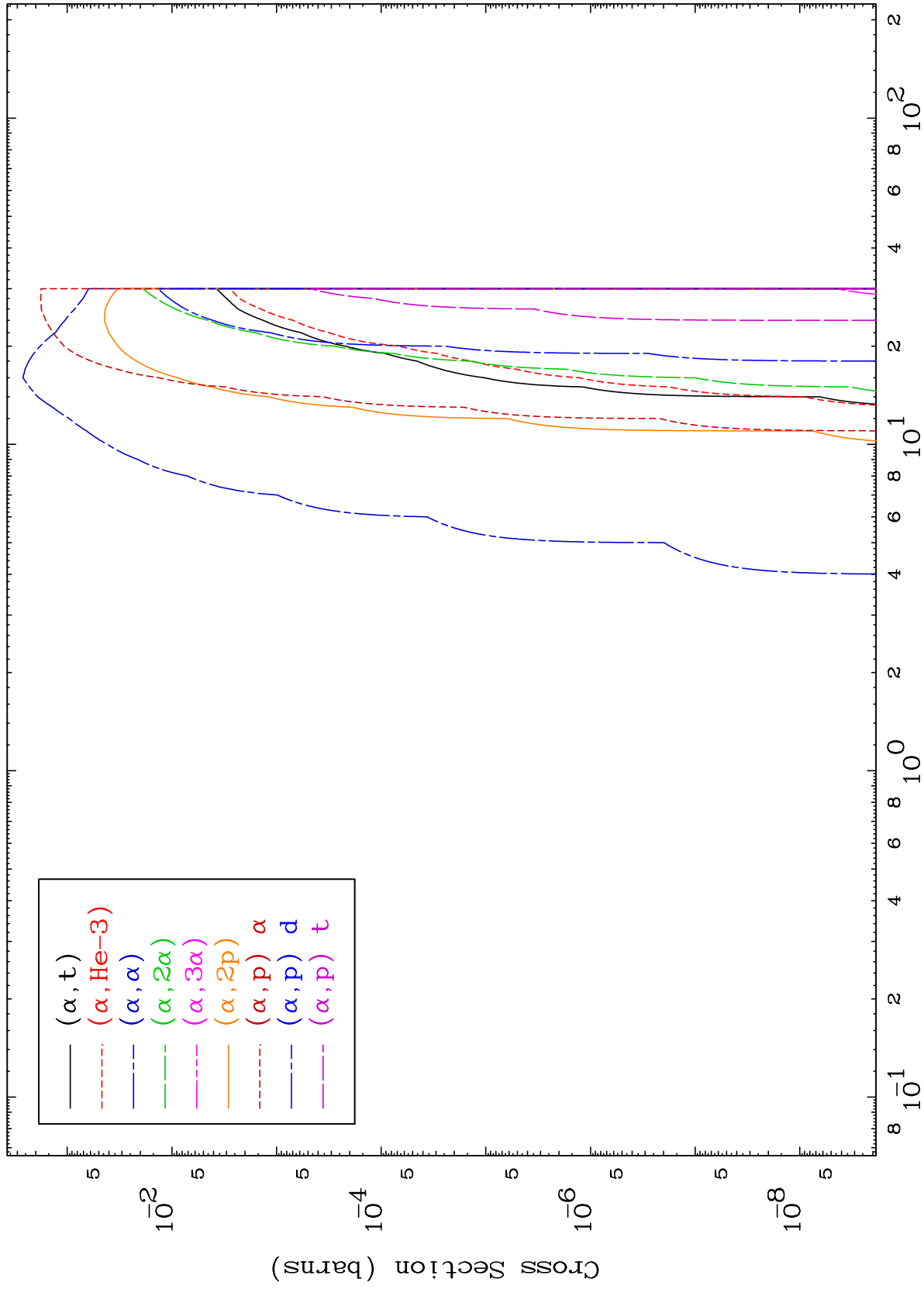
21-Sc-44

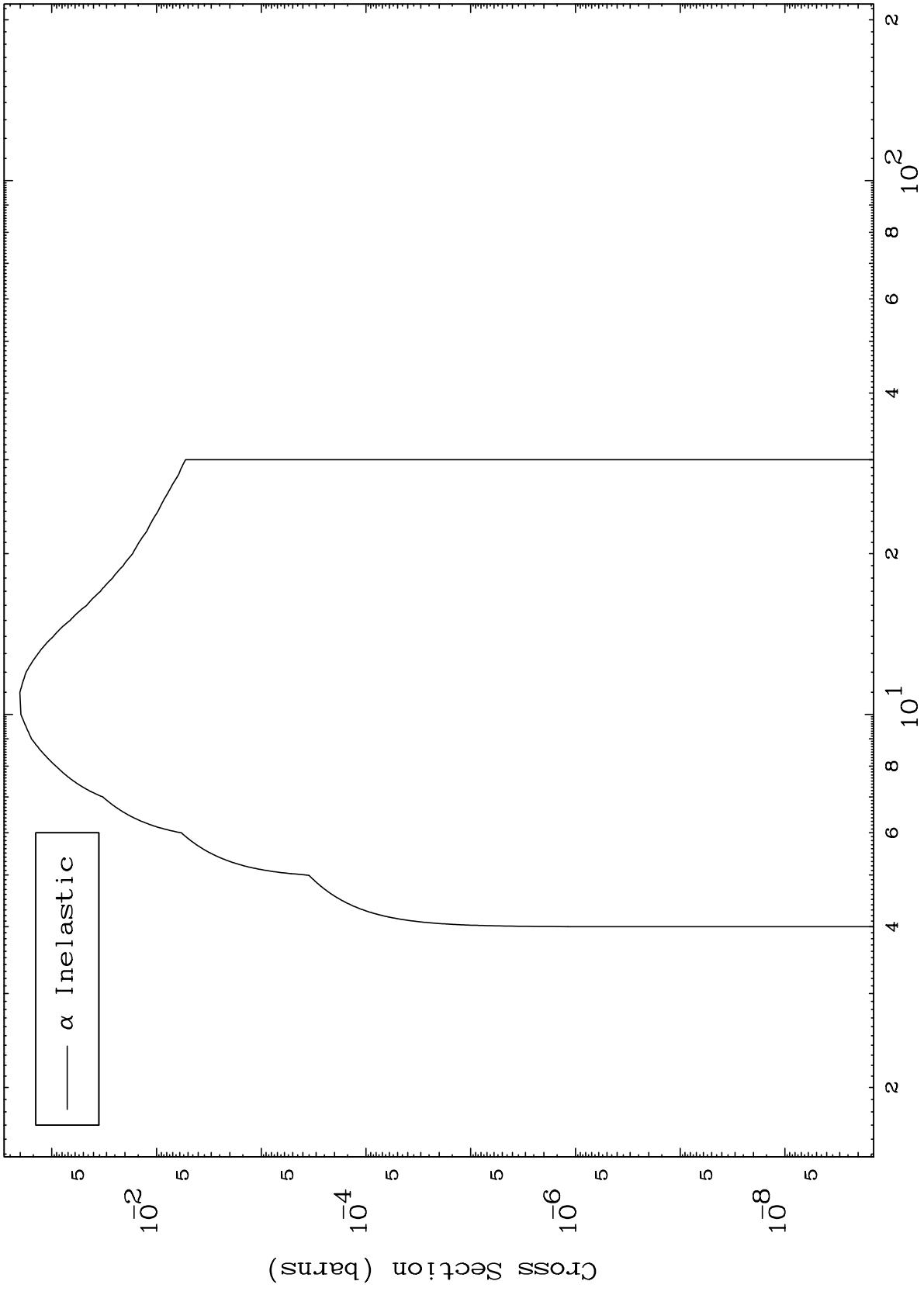


3

Incident Energy (MeV)

21-Sc-44

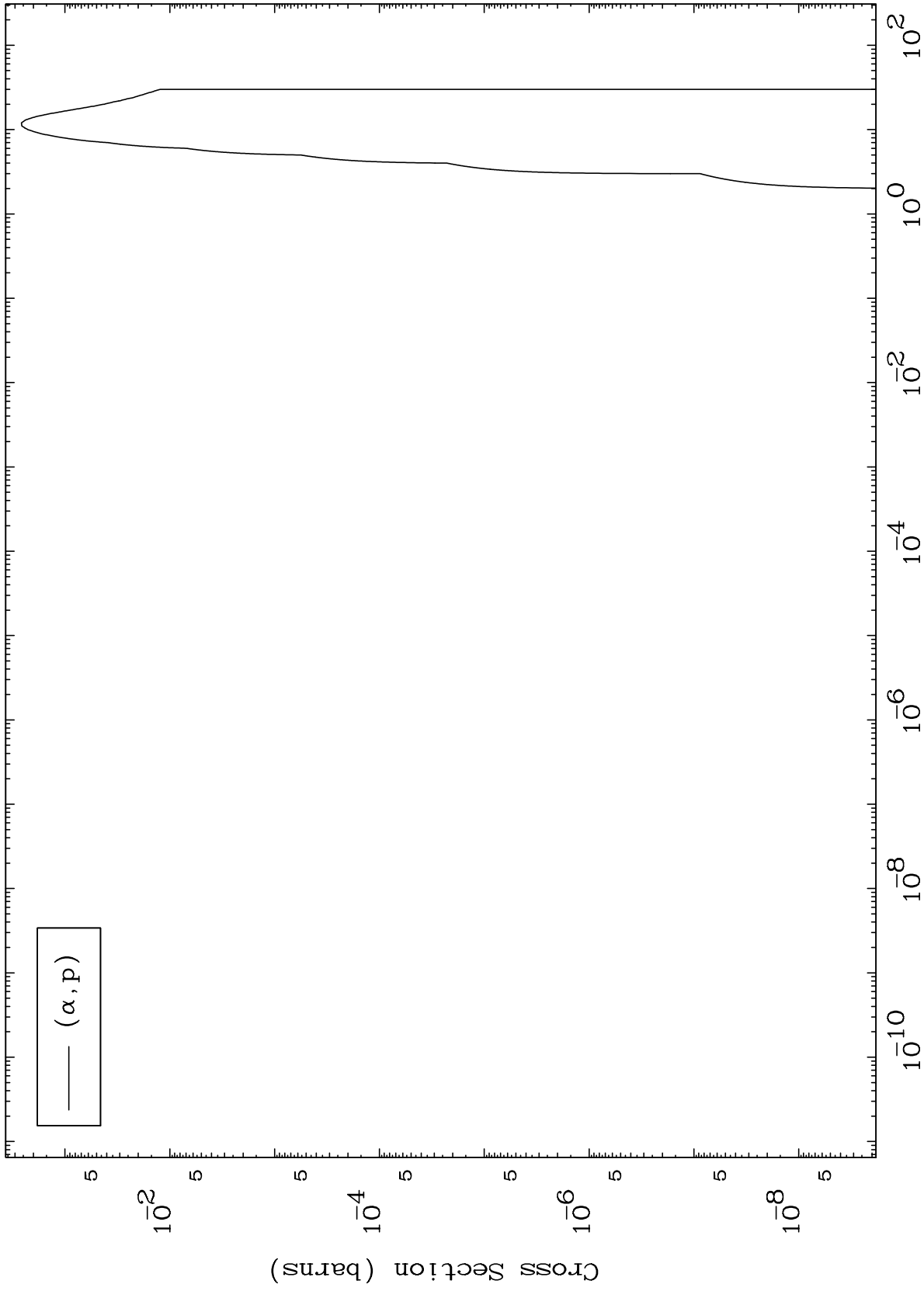




MAT 2122

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

21-Sc-44



6

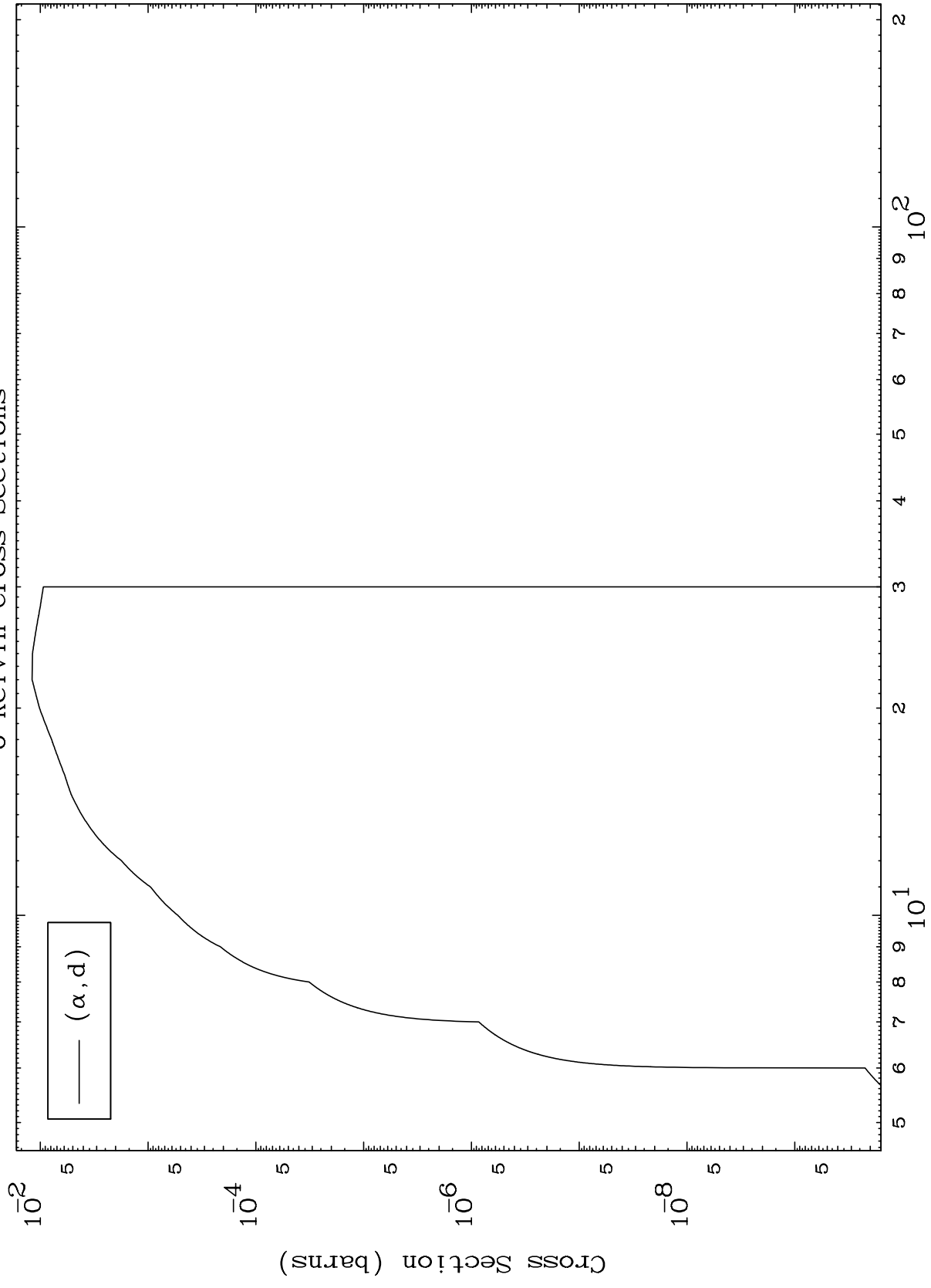
Incident Energy (MeV)

21-Sc-44

MAT 2122

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

21-Sc-44

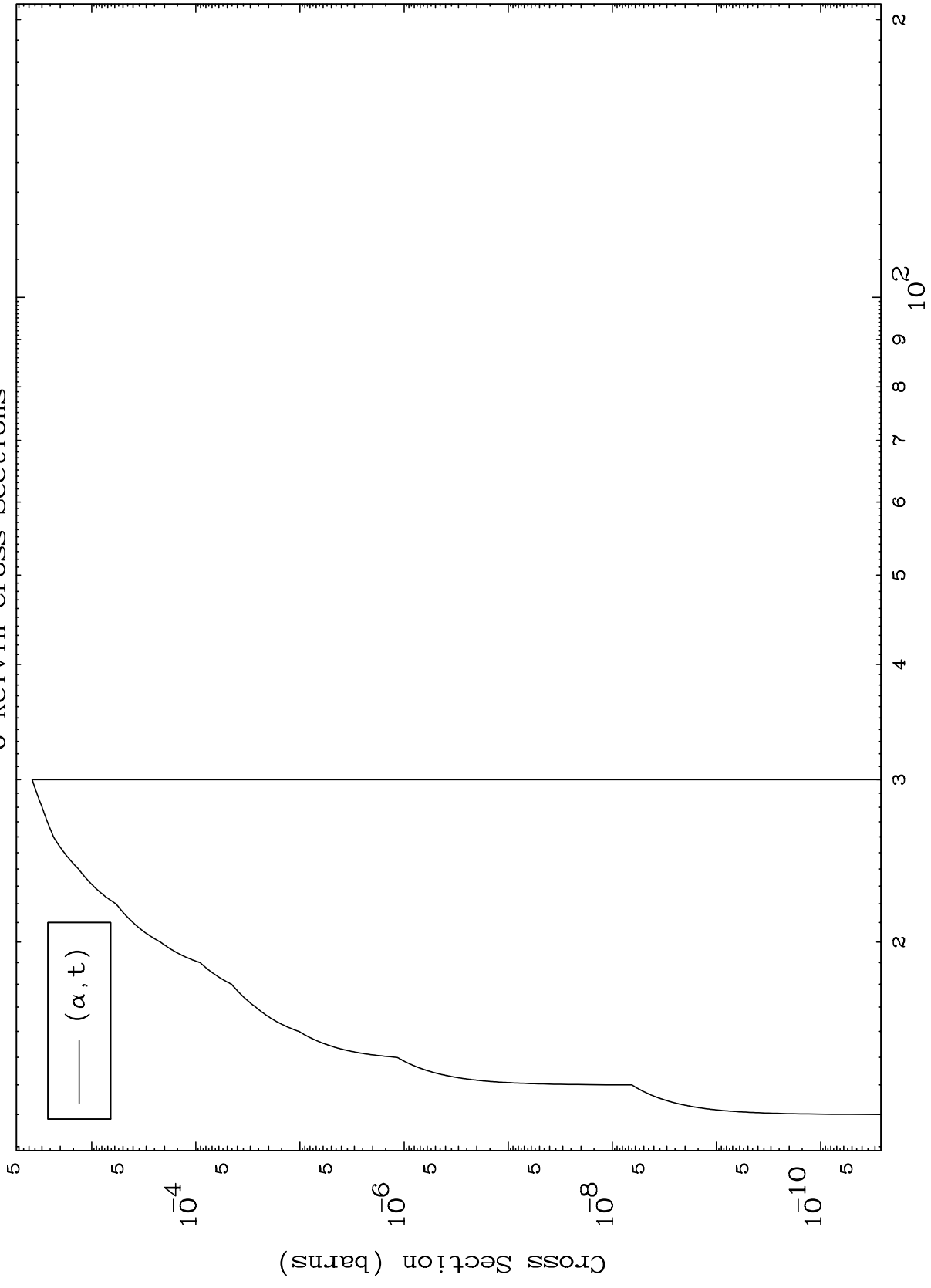


7

Incident Energy (MeV)

21-Sc-44

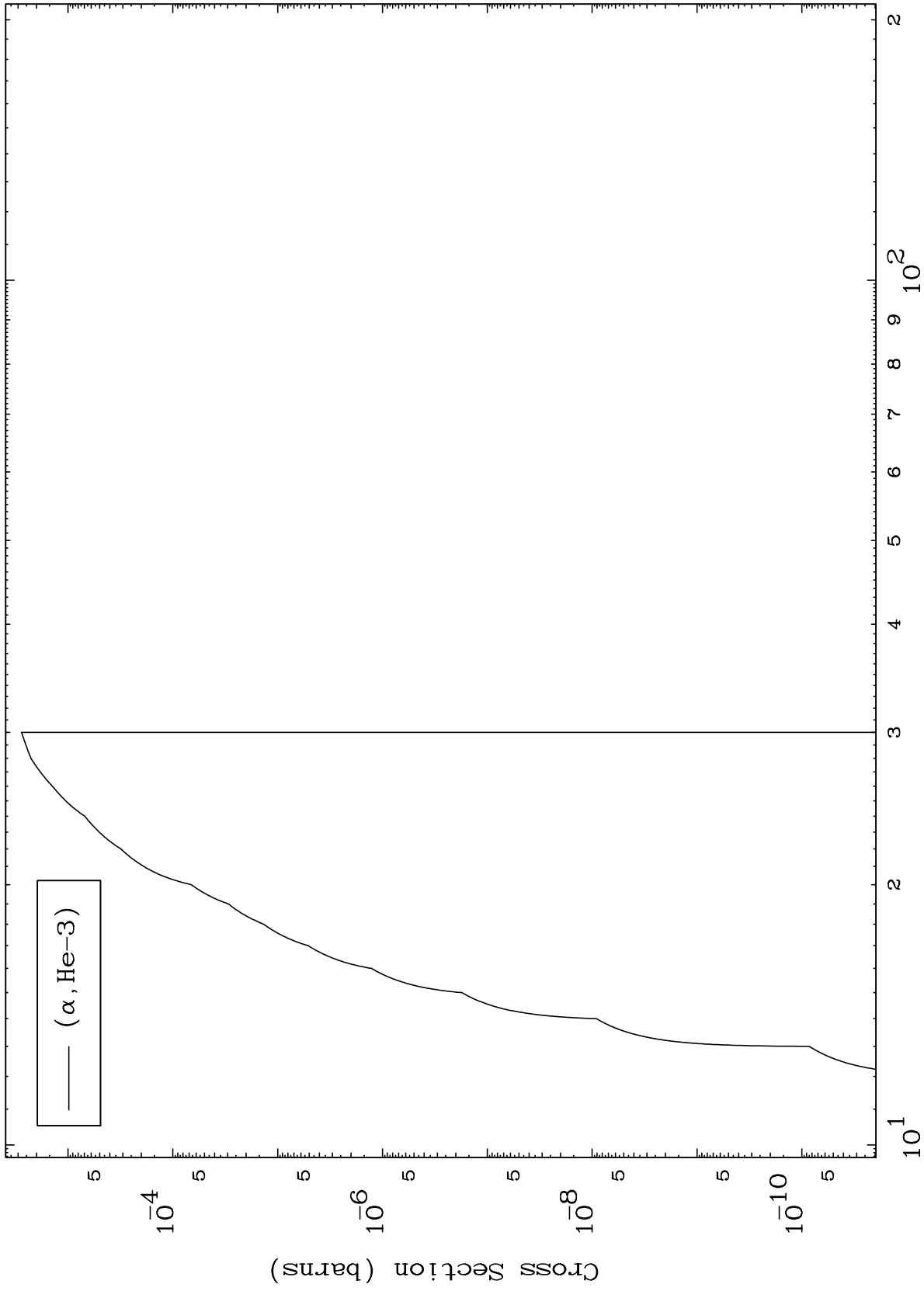




MAT 2122

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

21-Sc-44



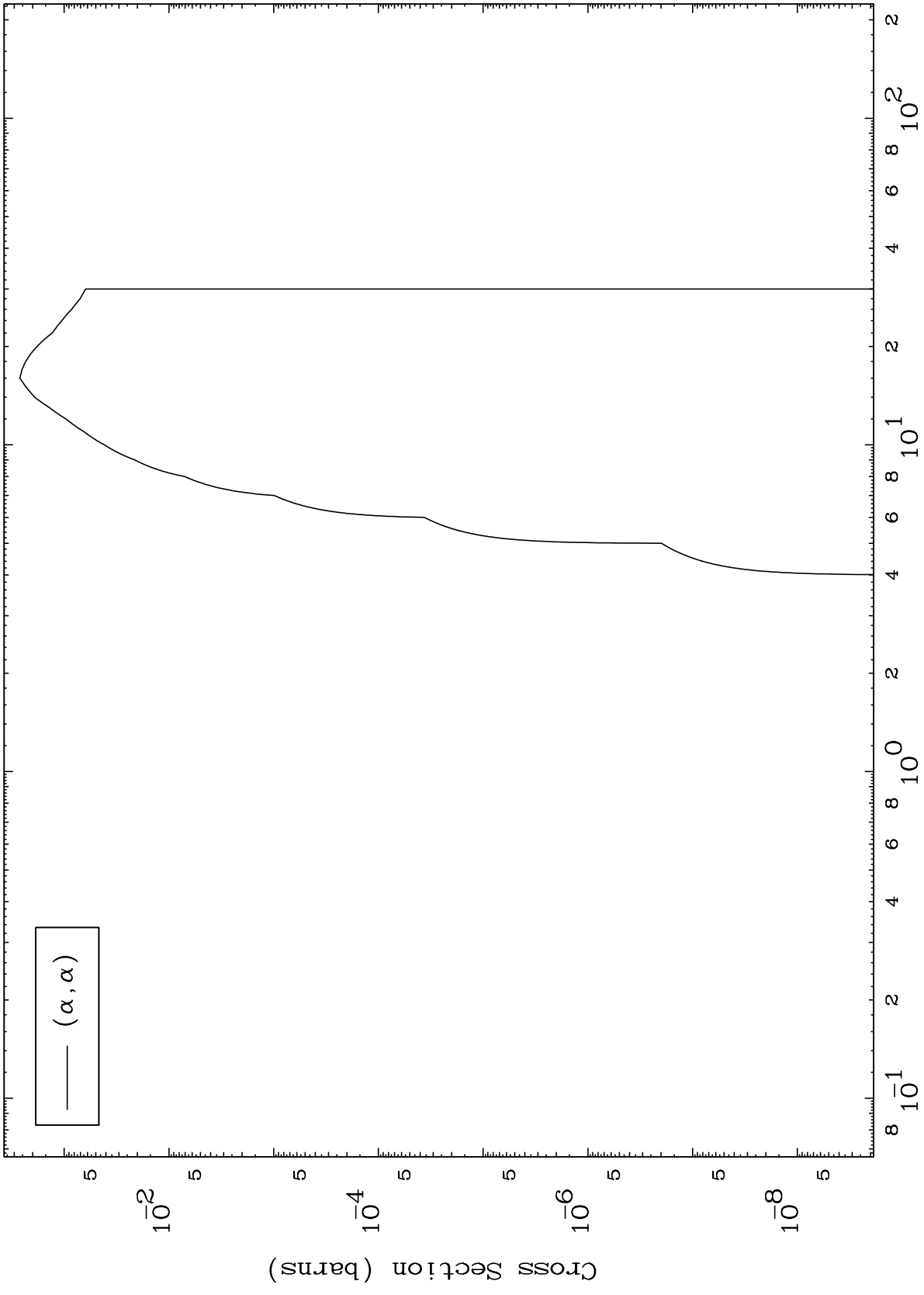
Incident Energy (MeV)

21-Sc-44

MAT 2122

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

21-Sc-44



10

Incident Energy (MeV)

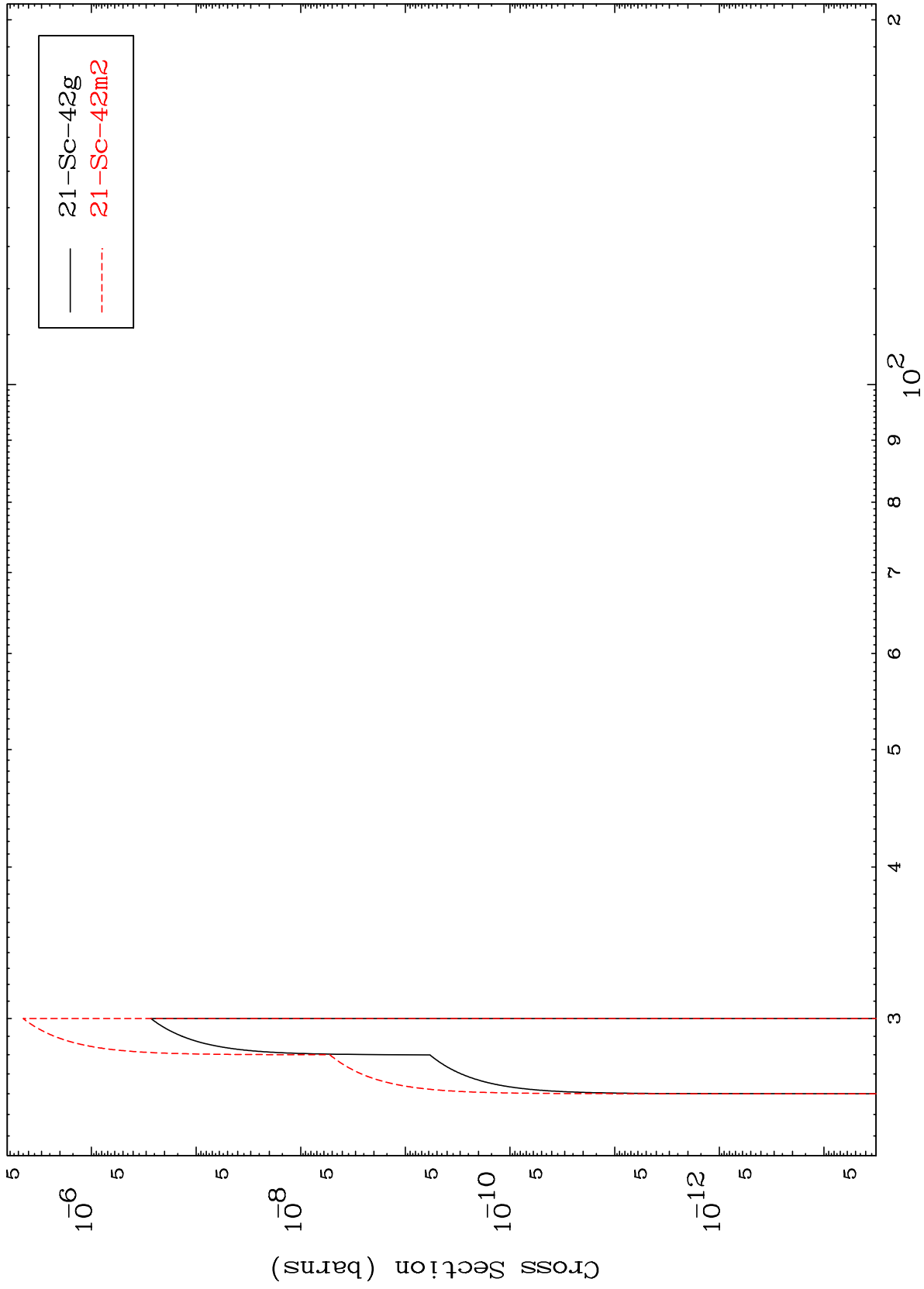
21-Sc-44

MAT 2122

$(\alpha, 2n) \alpha$

21-Sc-44

Radionuclide Production Cross Section



11

Incident Energy (MeV)

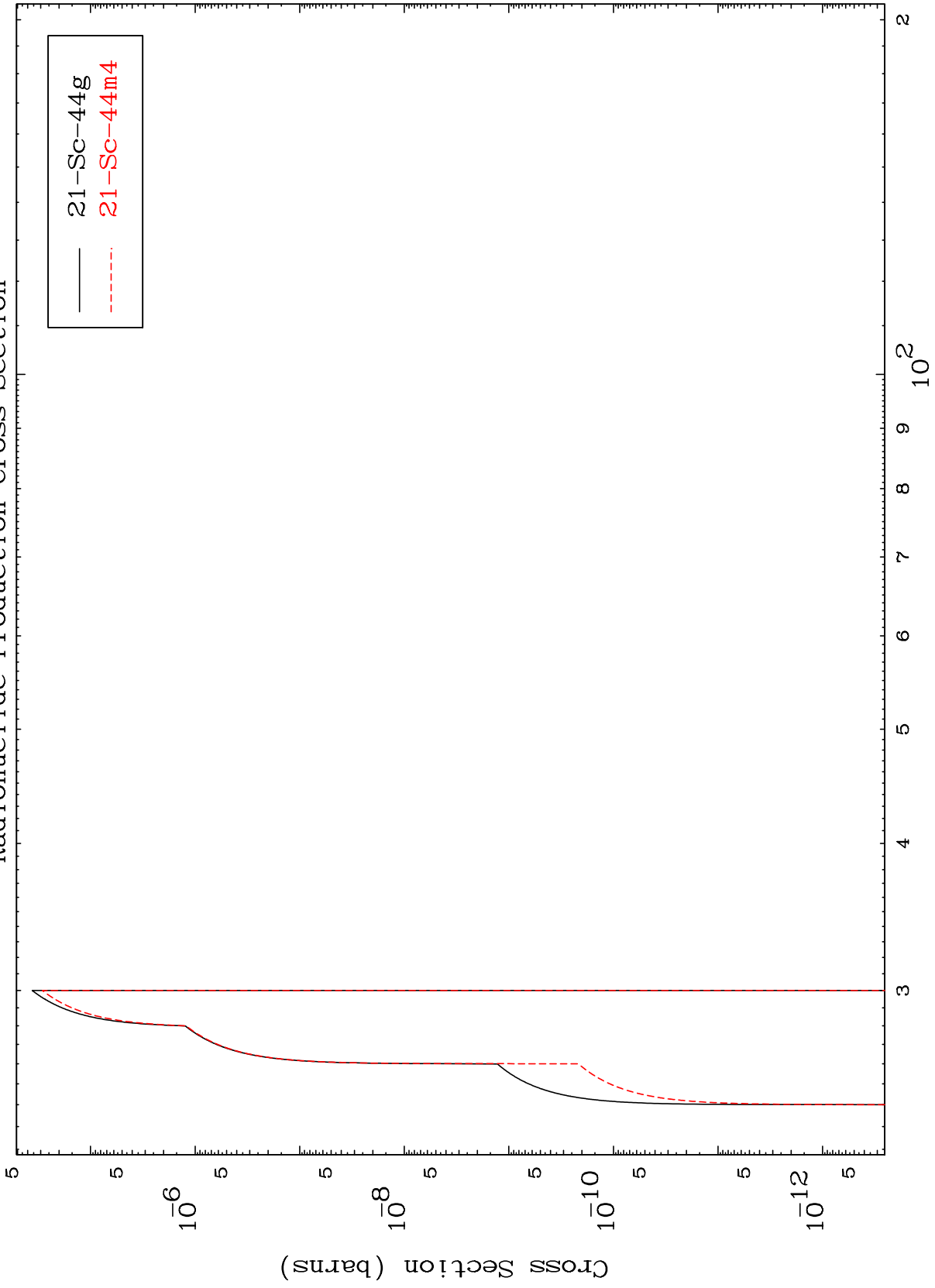
21-Sc-44

MAT 2122

( $\alpha, n'$ ) He-3

21-Sc-44

Radionuclide Production Cross Section



12

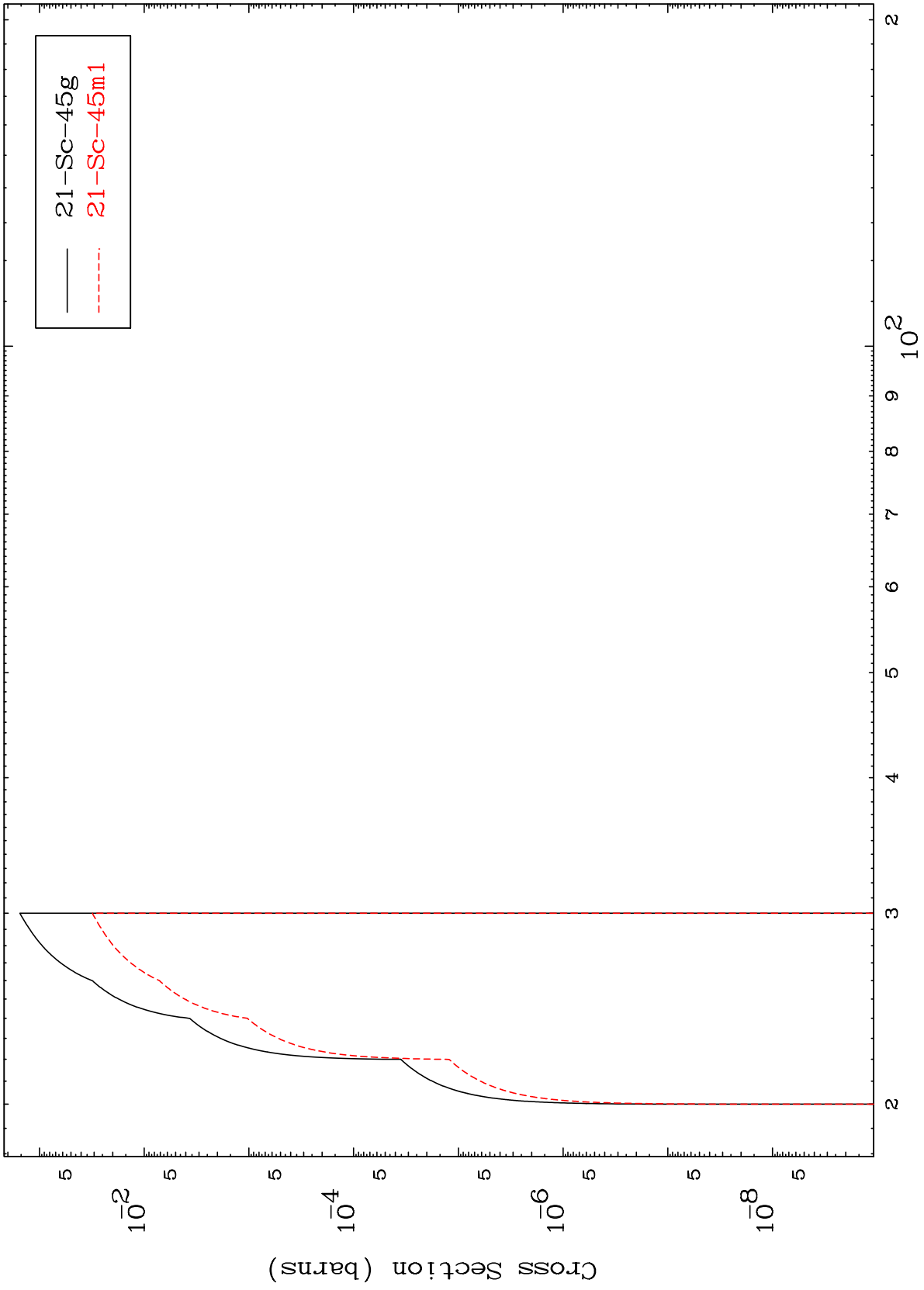
Incident Energy (MeV)

21-Sc-44

MAT 2122

21-Sc-44

( $\alpha, 2n$ ) p  
Radionuclide Production Cross Section



13

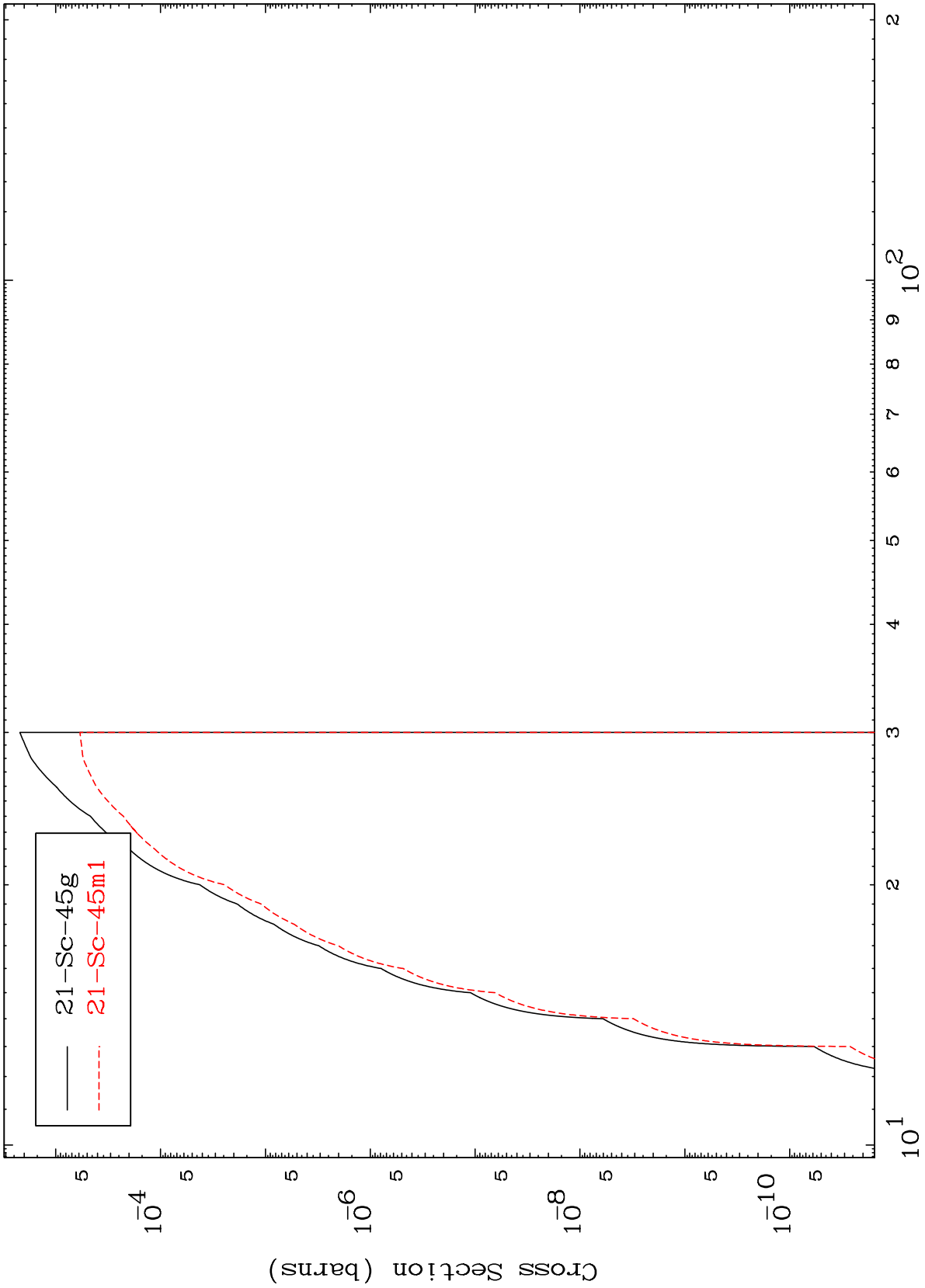
21-Sc-44

MAT 2122

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

21-Sc-44

Radionuclide Production Cross Section



21-Sc-45g  
21-Sc-45m1

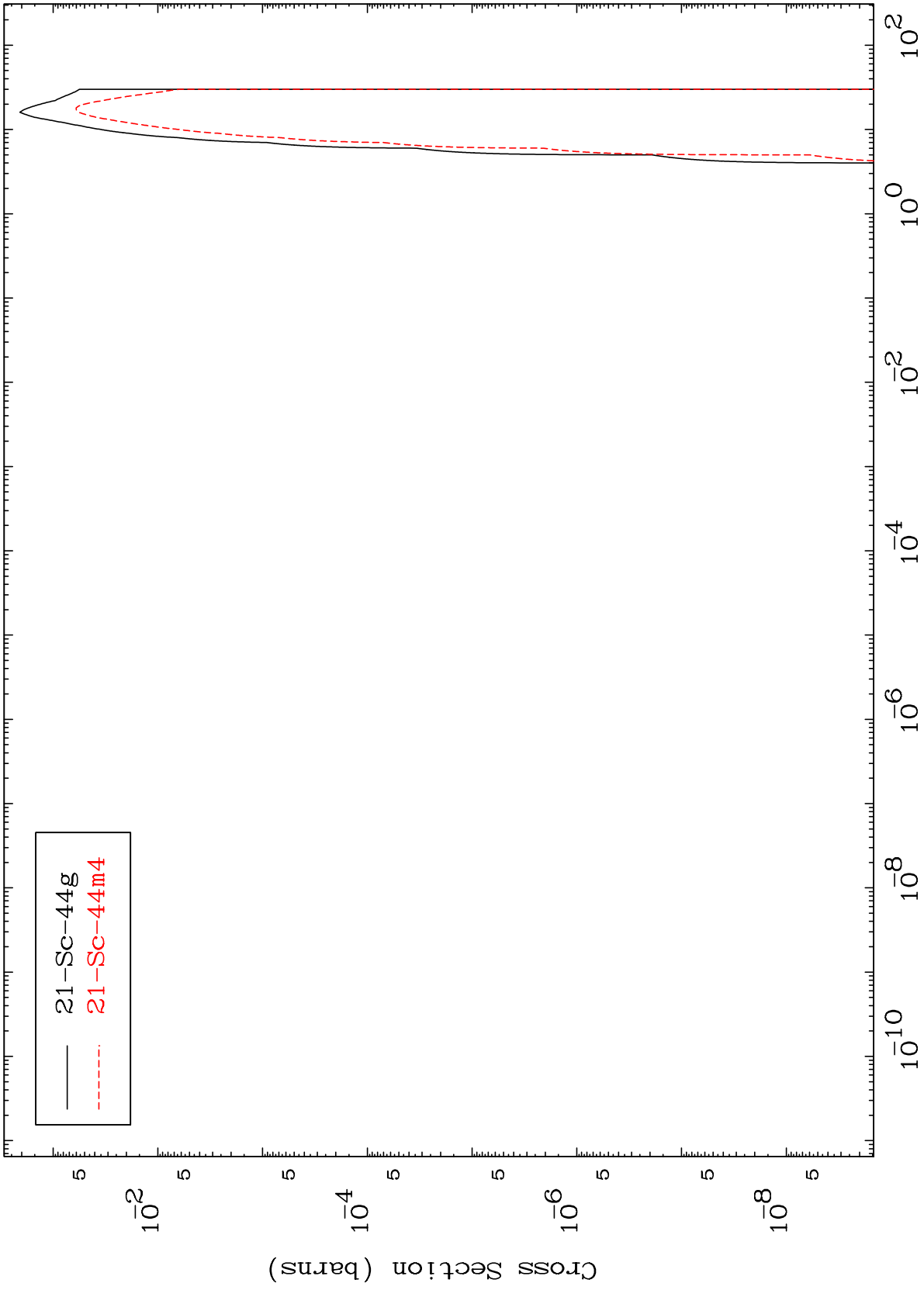
21-Sc-44

14

MAT 2122

Radionuclide Production Cross Section  
( $\alpha, \alpha$ )

21-Sc-44



15

Incident Energy (MeV)

21-Sc-44

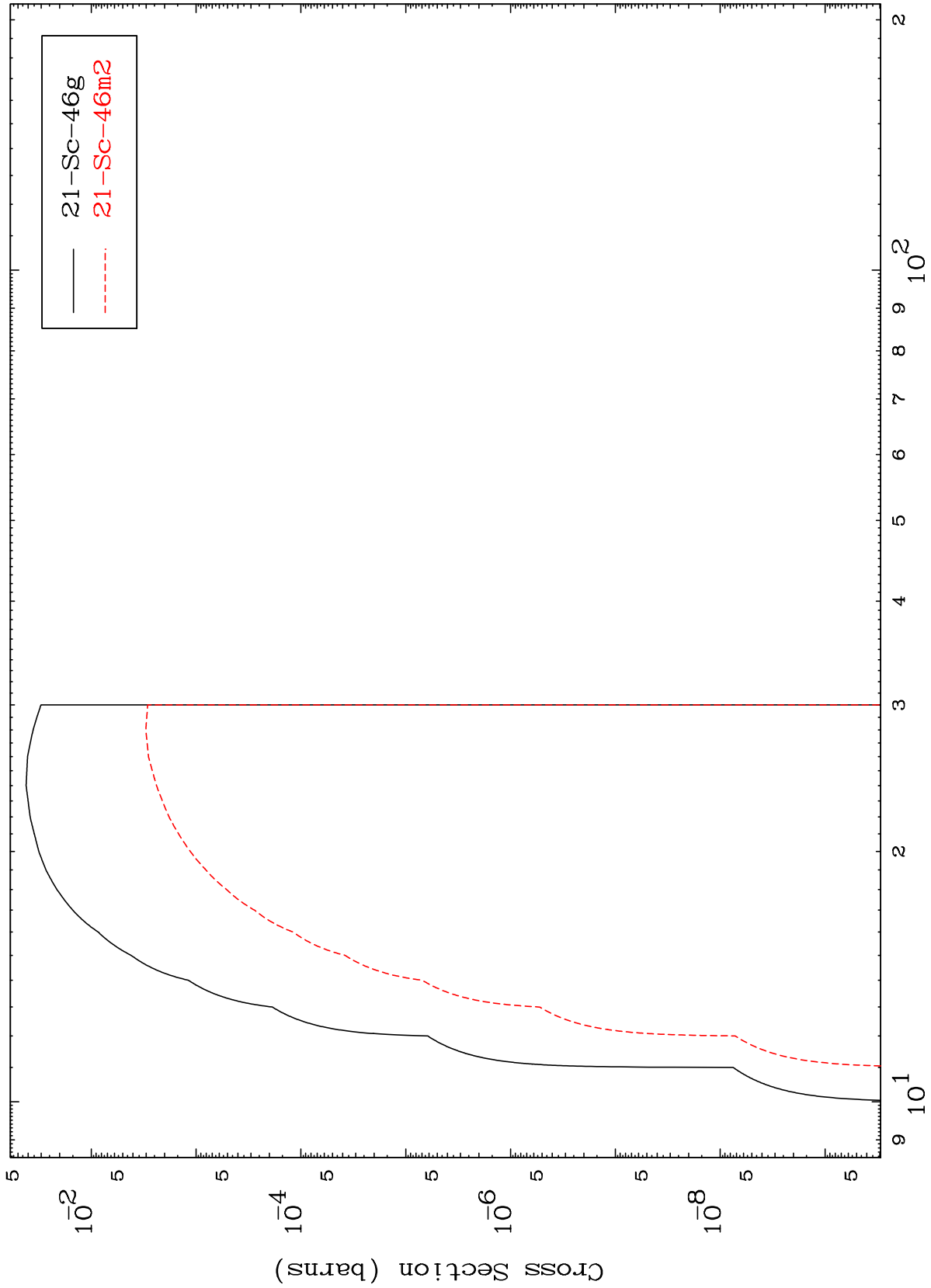


MAT 2122

( $\alpha, 2p$ )

21-Sc-44

Radionuclide Production Cross Section



16

Incident Energy (MeV)

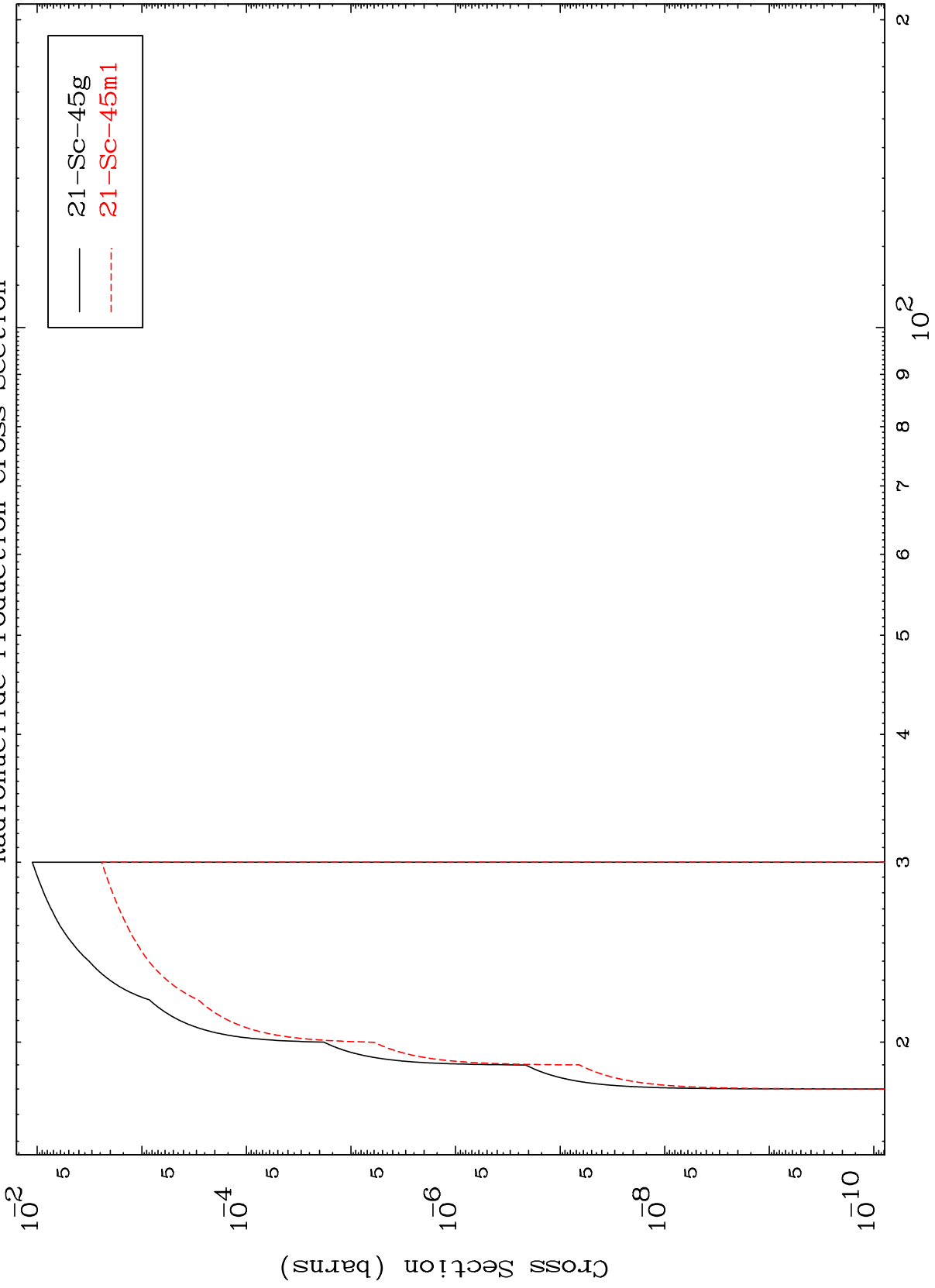
21-Sc-44

MAT 2122

( $\alpha, p$ ) d

21-Sc-44

Radionuclide Production Cross Section



17

Incident Energy (MeV)

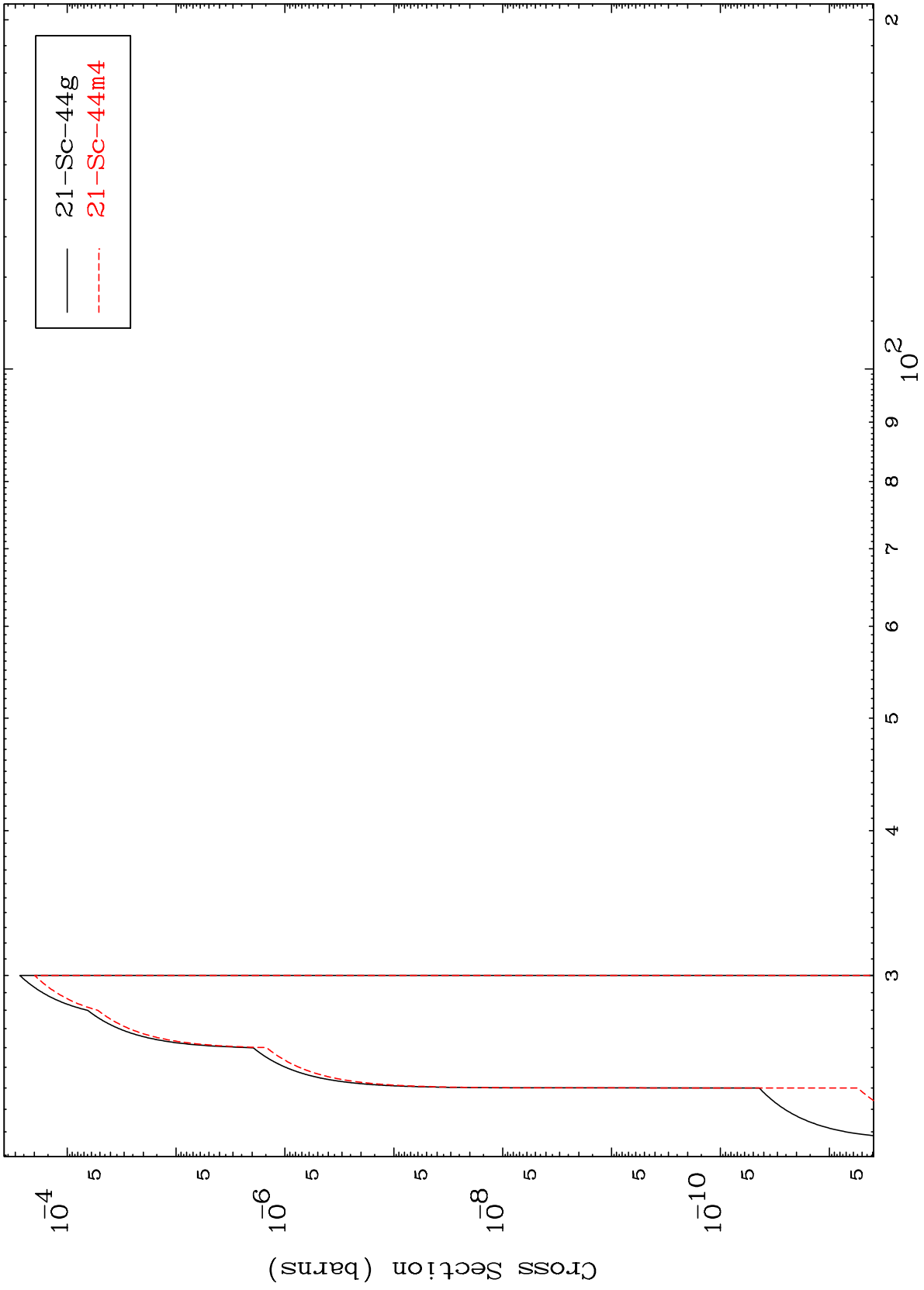
21-Sc-44

MAT 2122

( $\alpha, p$ ) t

21-Sc-44

Radionuclide Production Cross Section



18

Incident Energy (MeV)

21-Sc-44