

Program EVALPLOT
(Version 2018-1)

by

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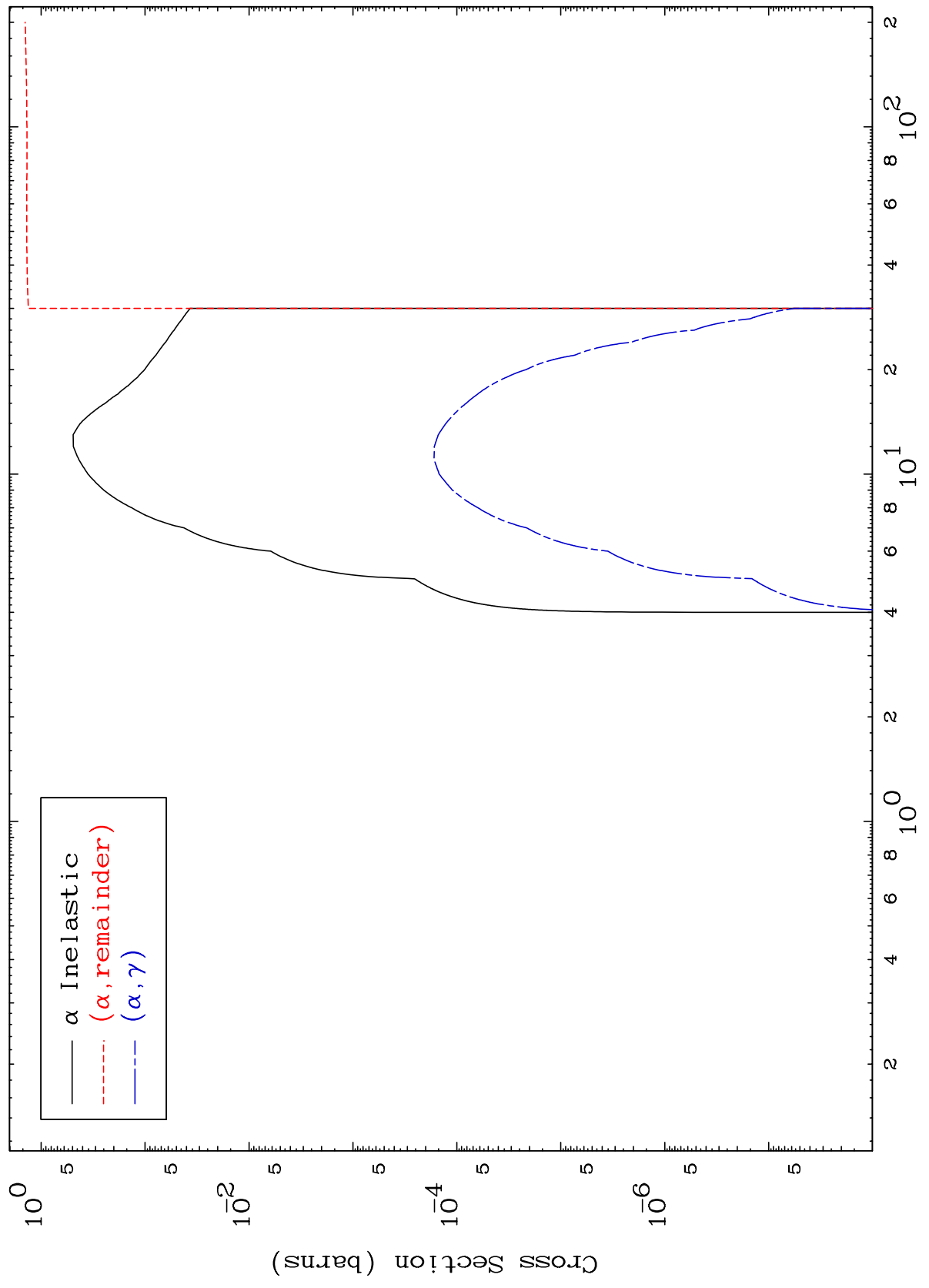
Press Mouse Button to Start

MAT 2228

0 Kelvin

α Major Cross Sections

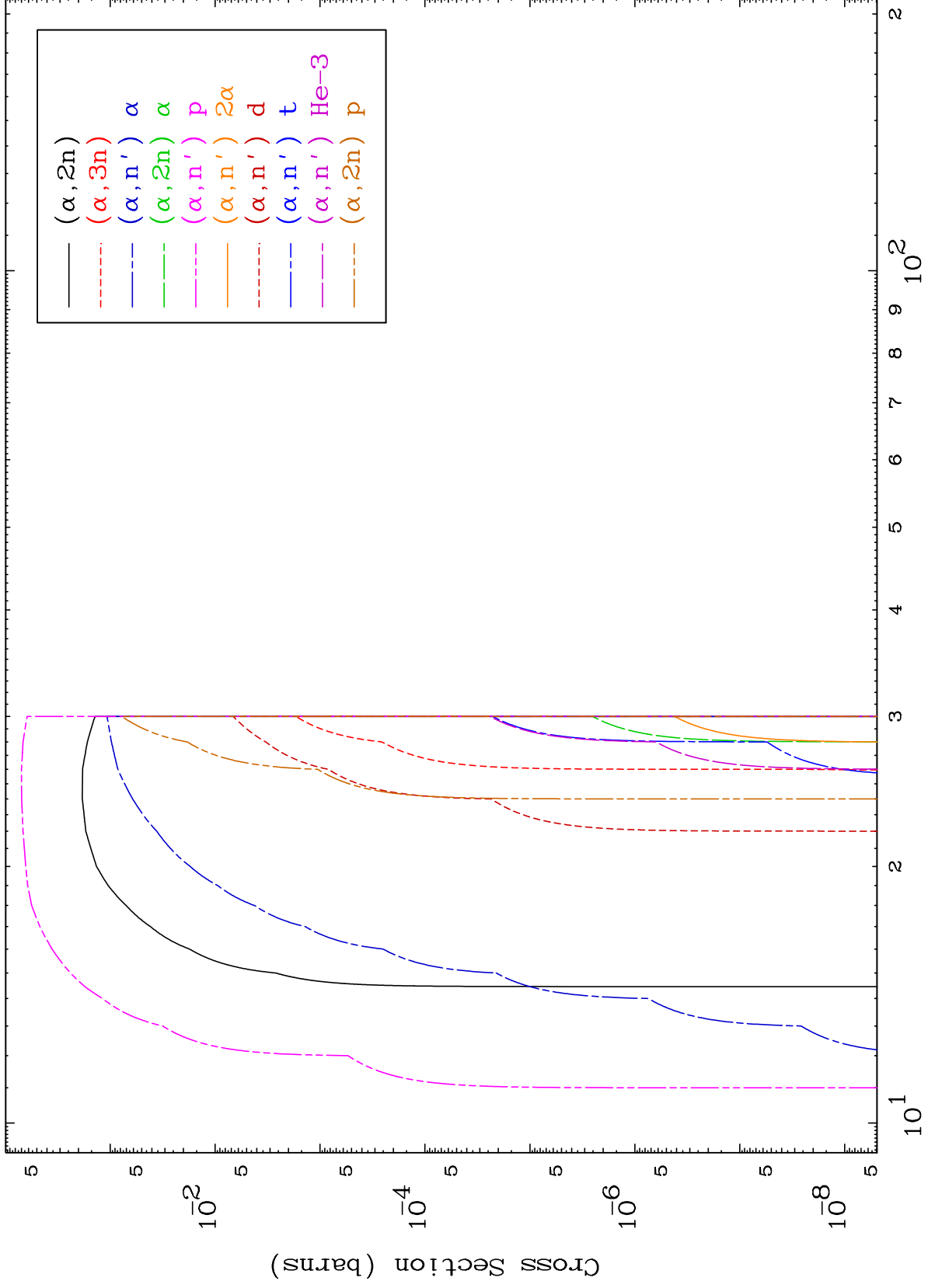
²²Ti-47



MAT 2228

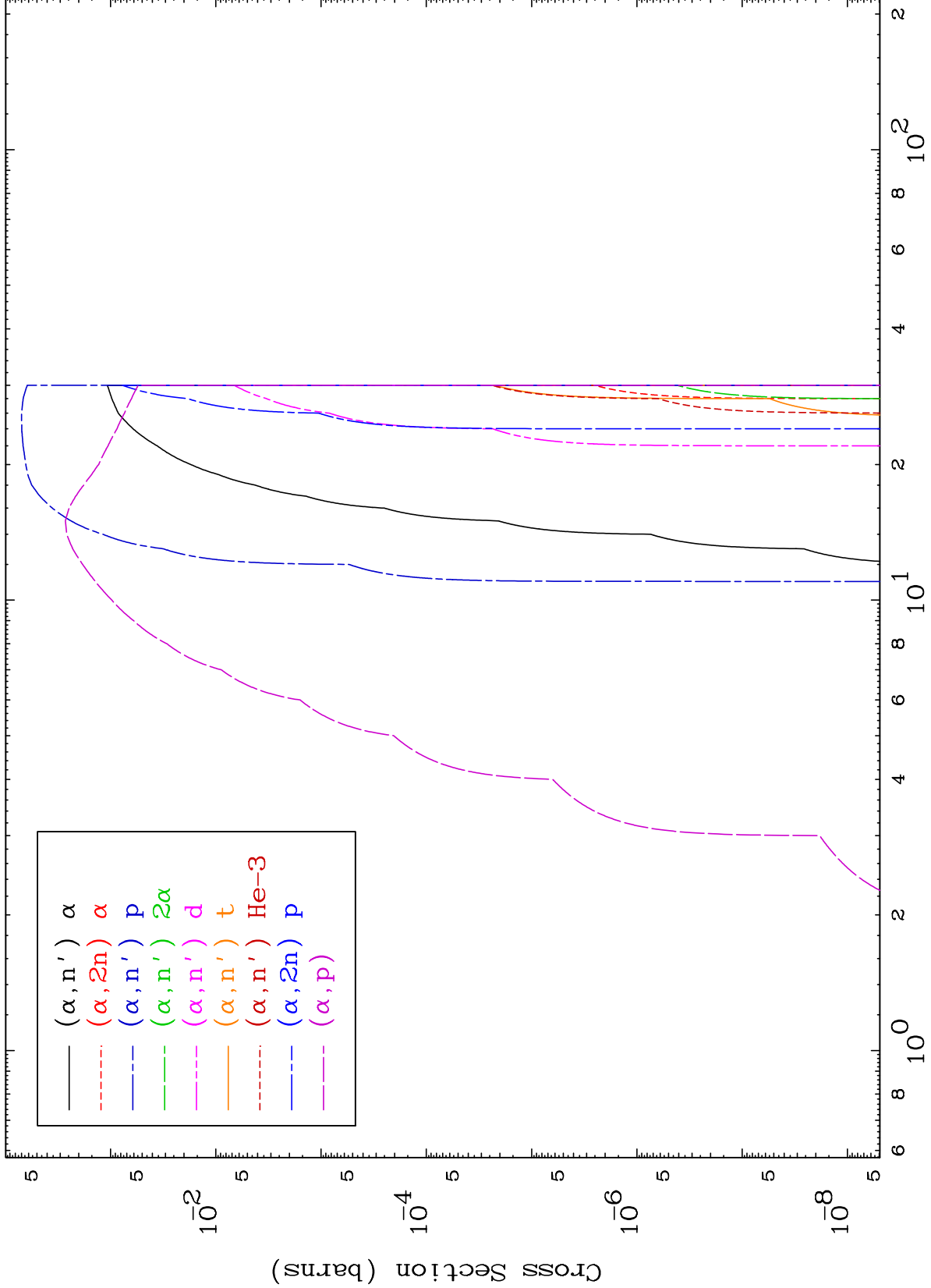
α Neutron Production
0 Kelvin Cross Sections

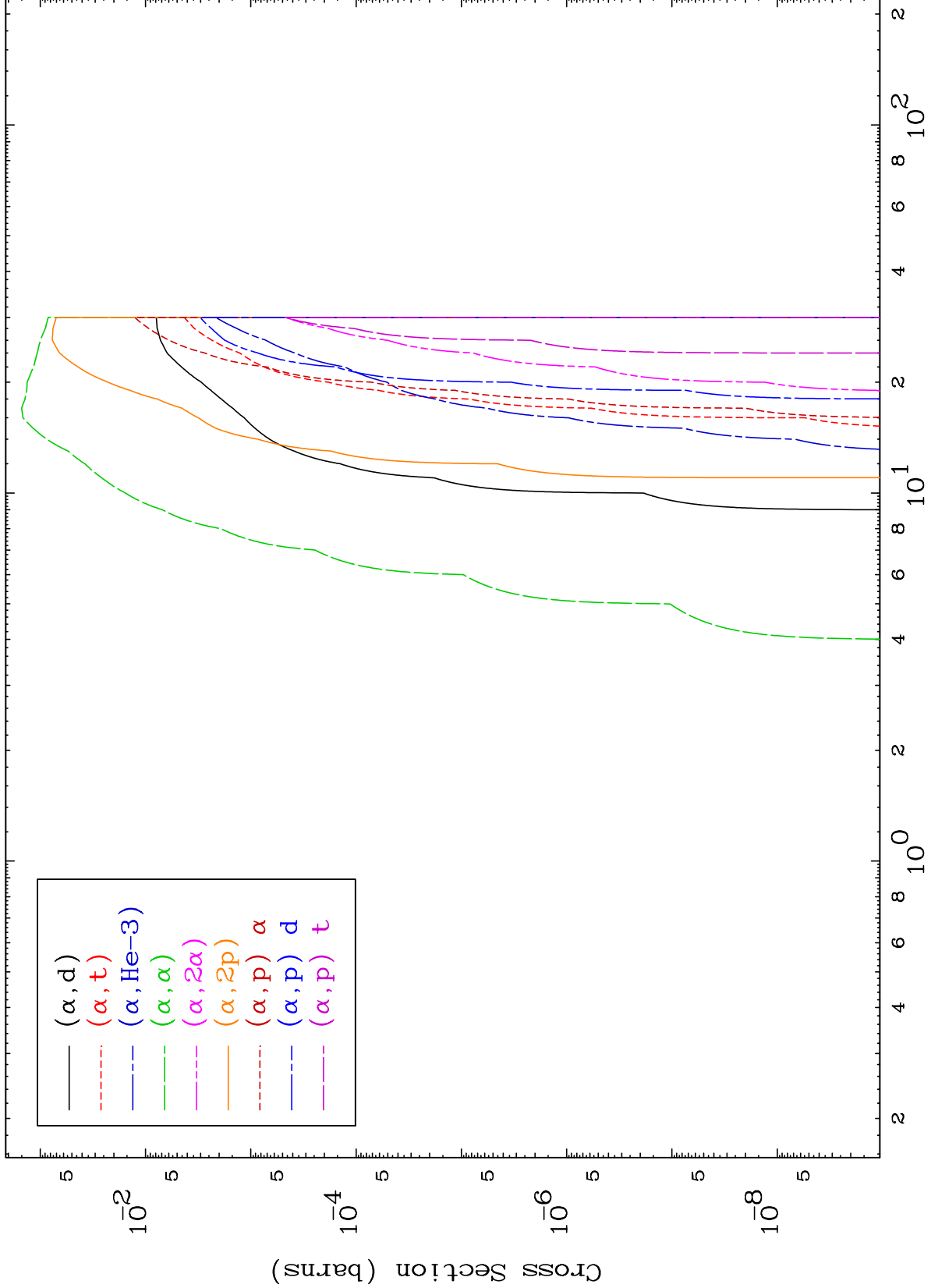
22-Ti-47



Incident Energy (MeV)

22-Ti-47



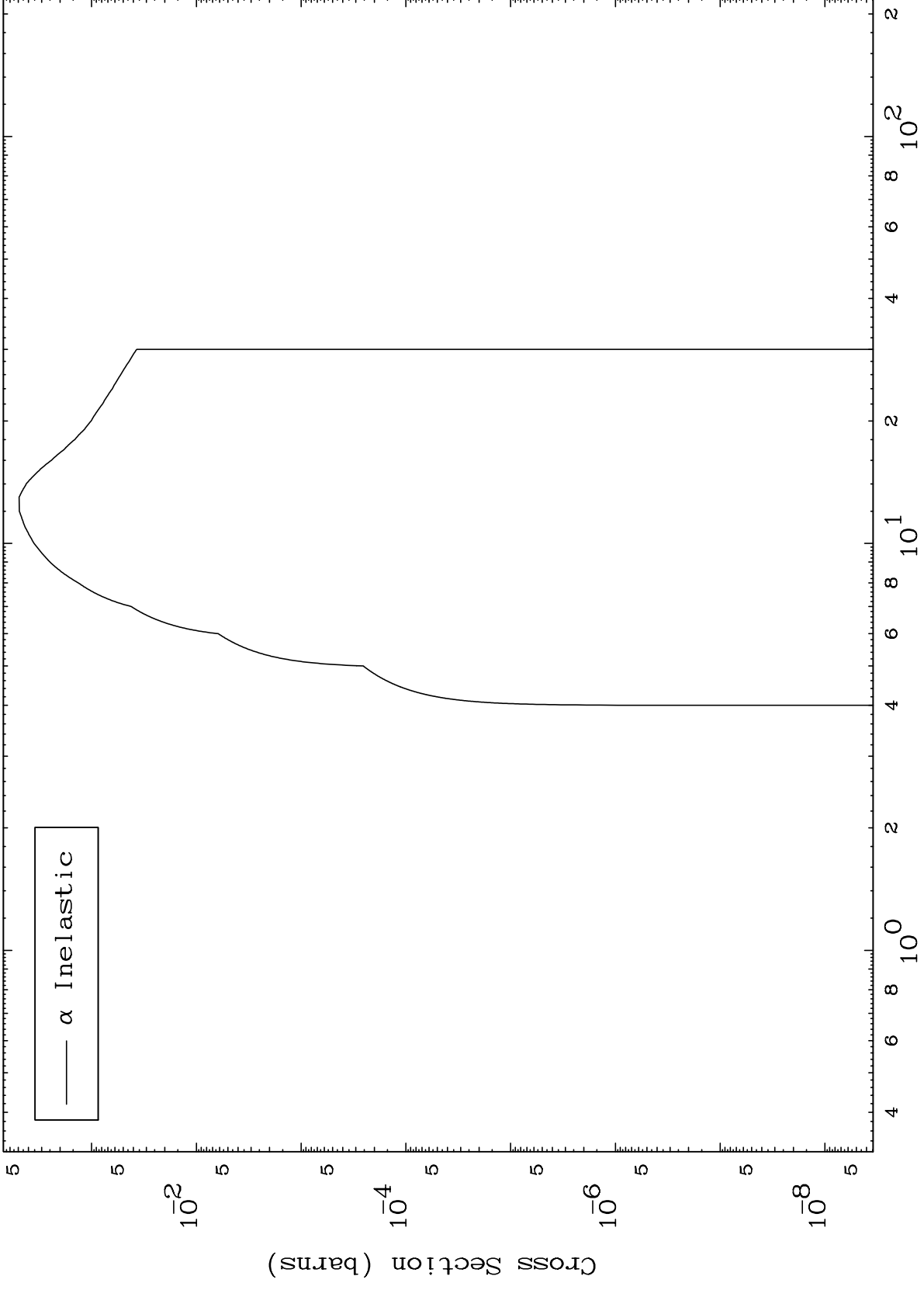


MAT 2228

(α, n') Level

22-Ti-47

0 Kelvin Cross Sections



— α Inelastic

Incident Energy (MeV)

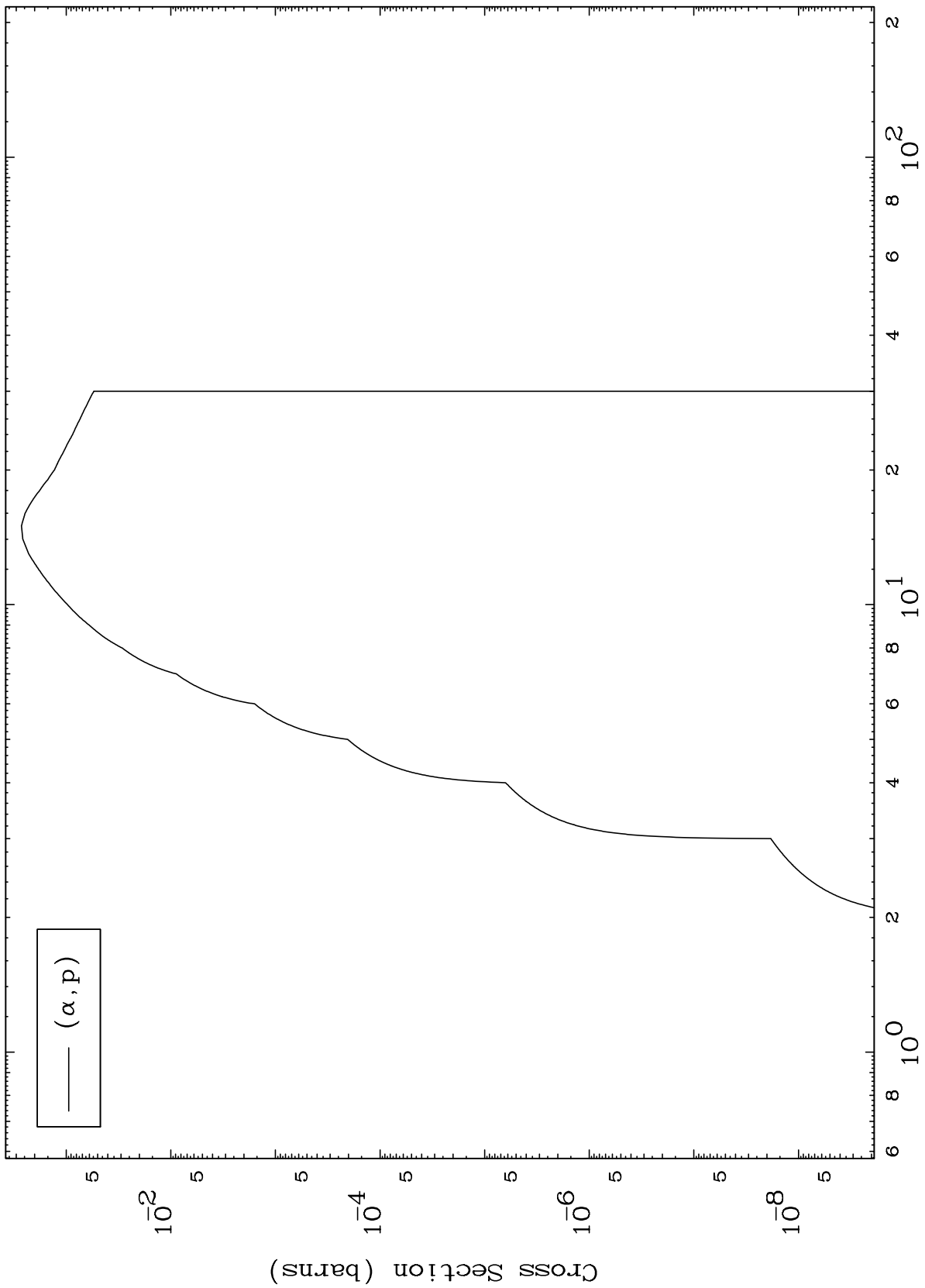
22-Ti-47

5

MAT 2228

22-Ti-47

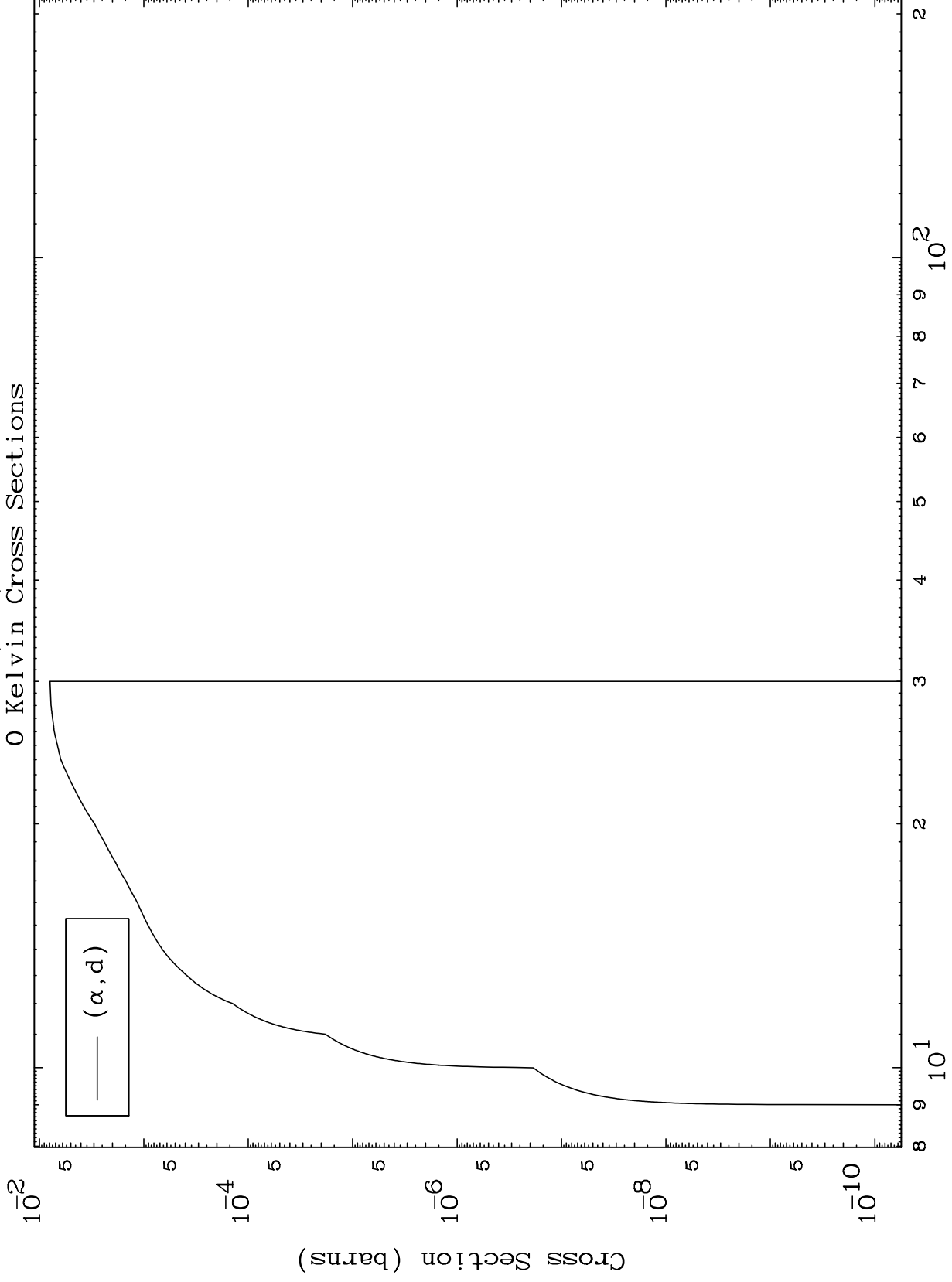
(α, p) Levels
0 Kelvin Cross Sections



22-Ti-47

Incident Energy (MeV)

6

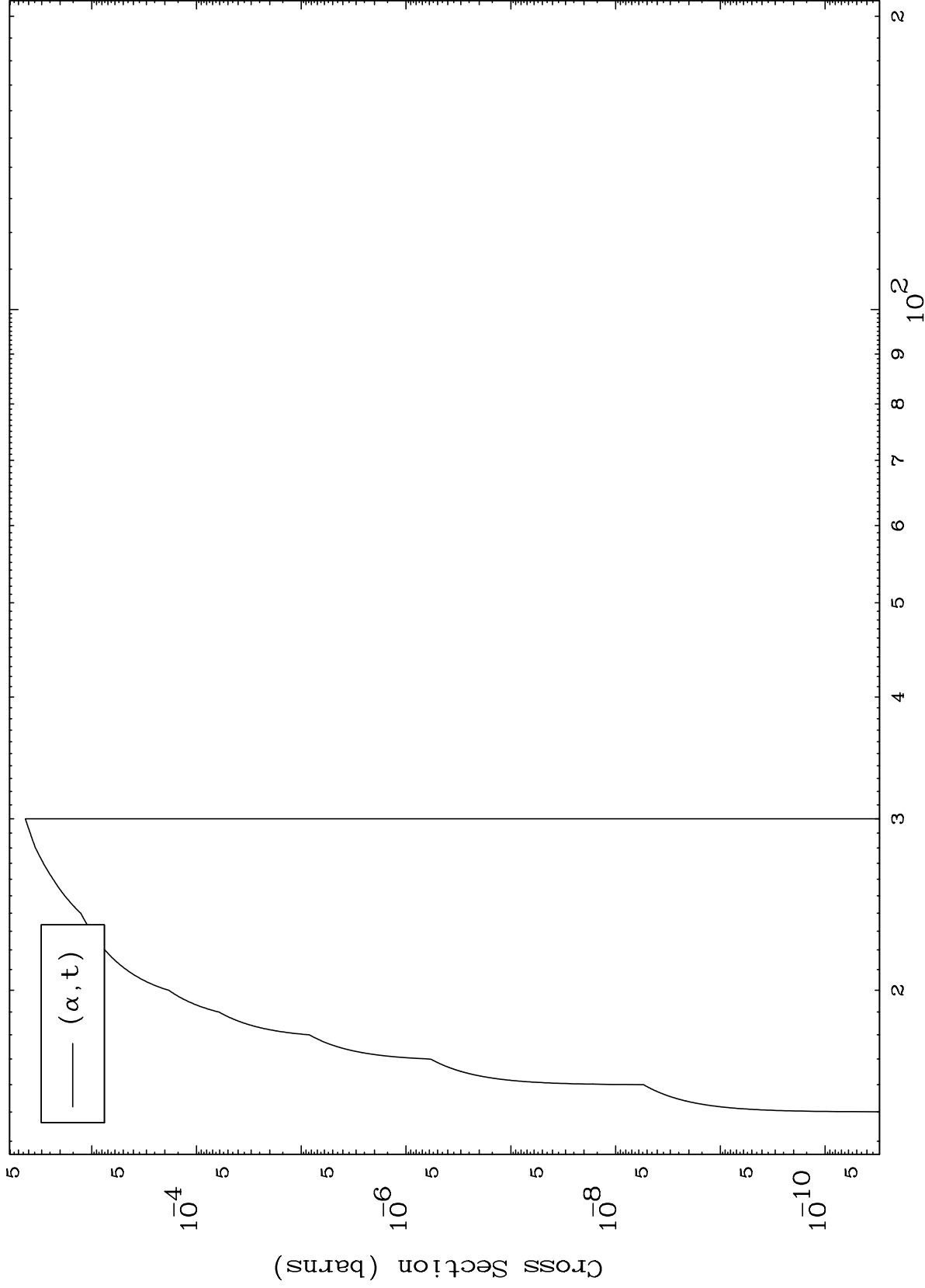


MAT 2228

(α, t) Levels

$^{22}\text{Ti}-47$

0 Kelvin Cross Sections



8

Incident Energy (MeV)

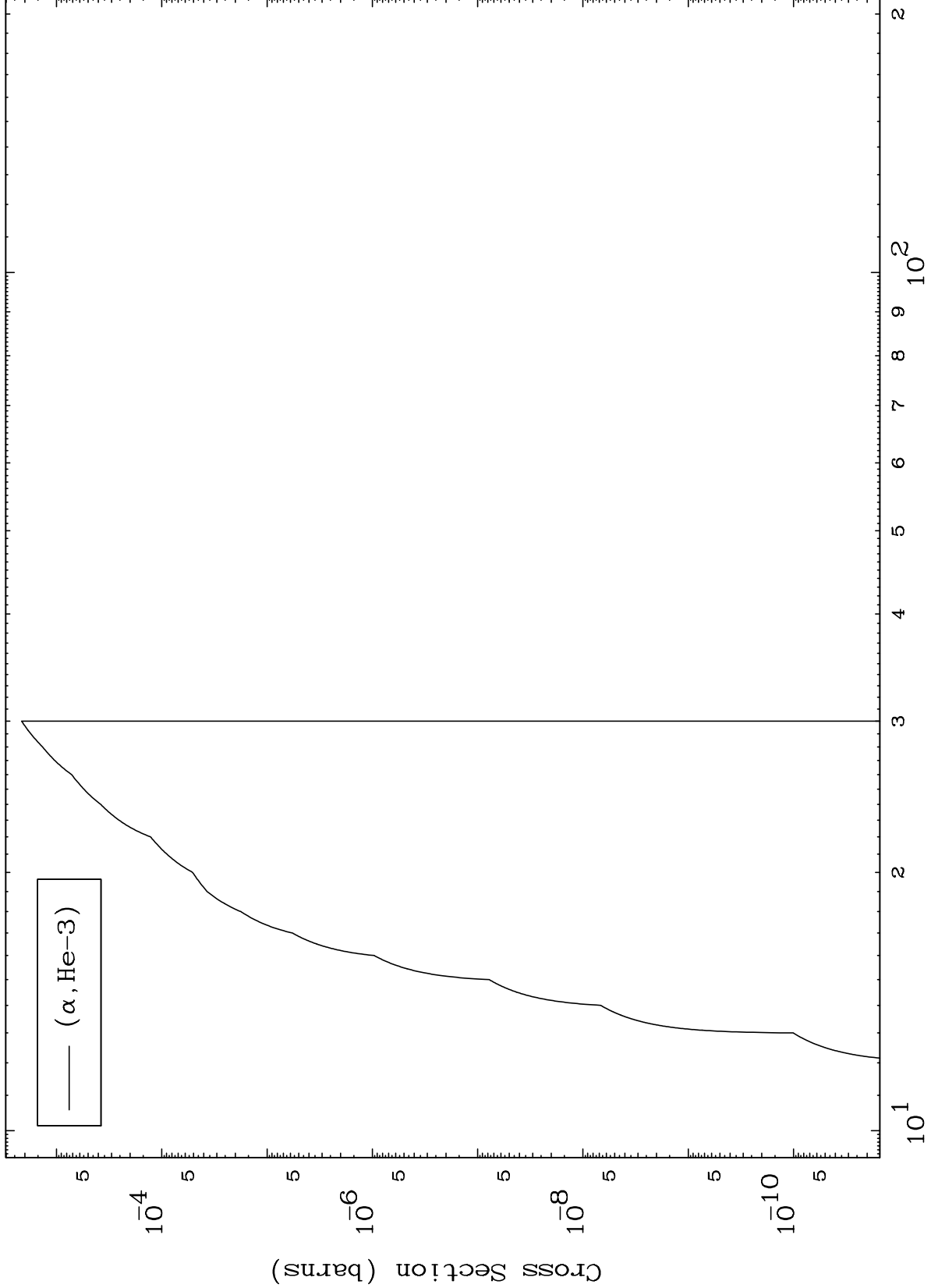
$^{22}\text{Ti}-47$

MAT 2228

(α , He3) Levels

²²Ti-47

0 Kelvin Cross Sections



Incident Energy (MeV)

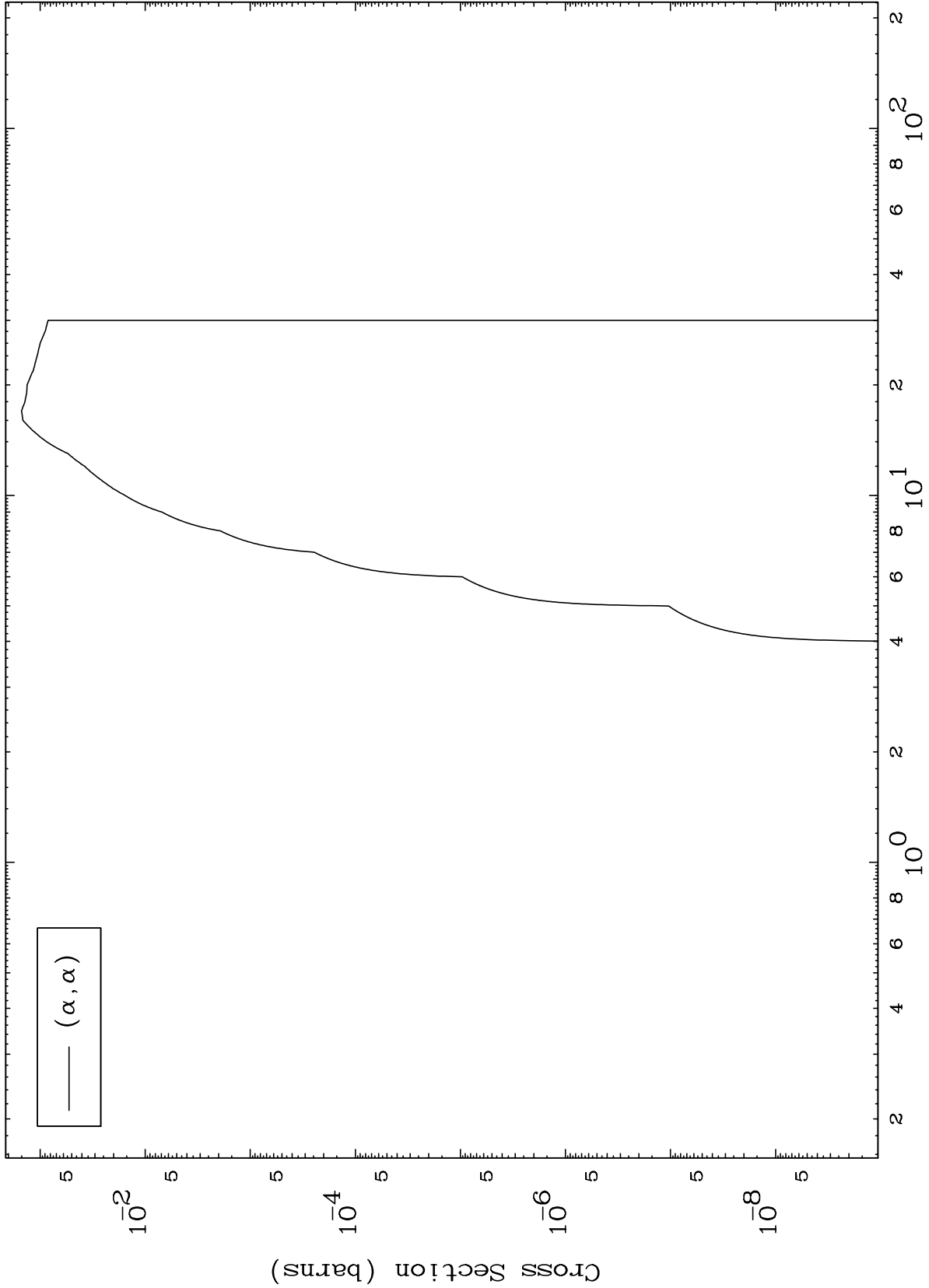
²²Ti-47

MAT 2228

(α, α) Levels

$^{22}\text{Ti}-47$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

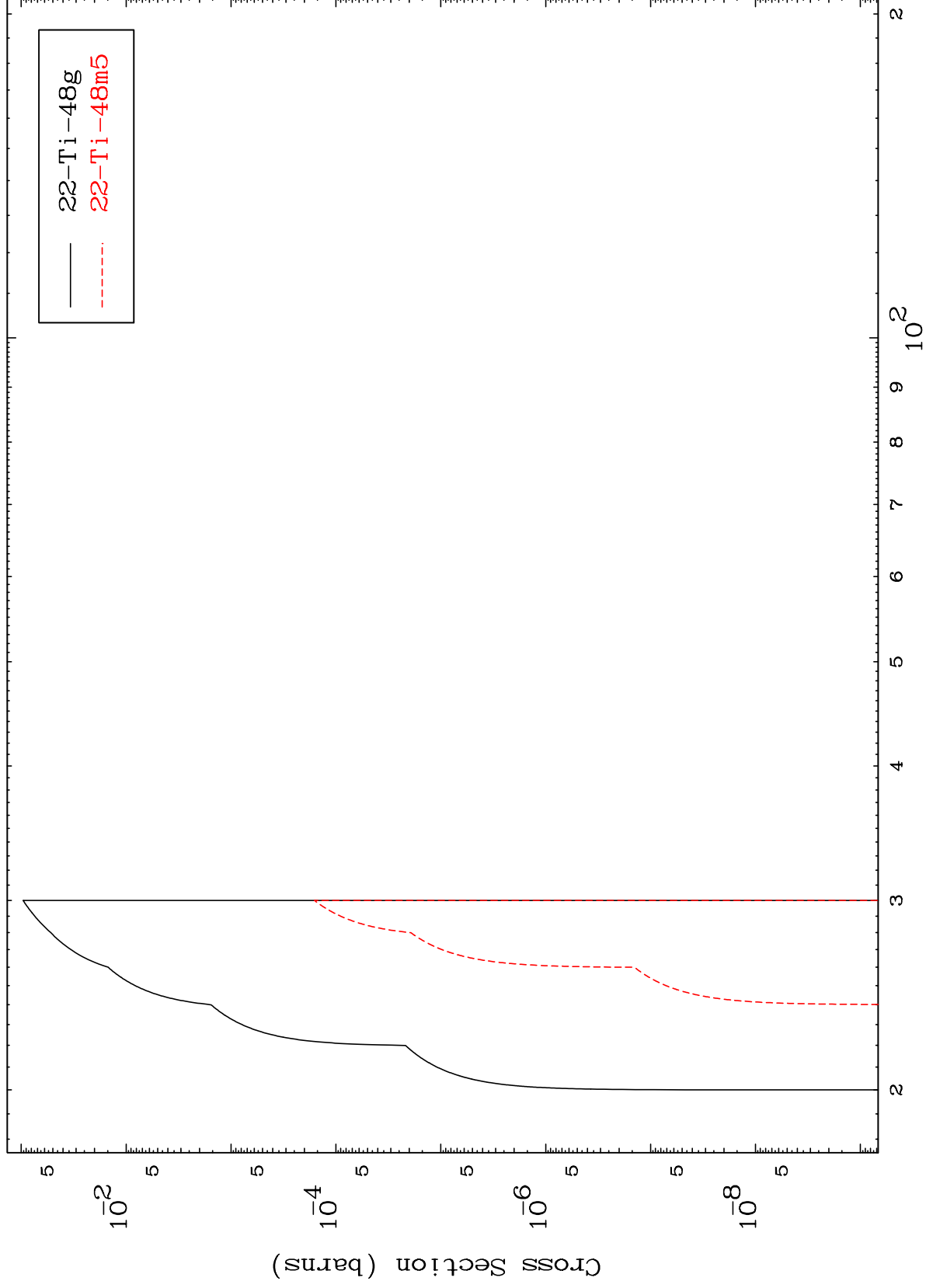
$^{22}\text{Ti}-47$

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($\alpha, 2n$) p

22-Ti-47

Radionuclide Production Cross Section



11

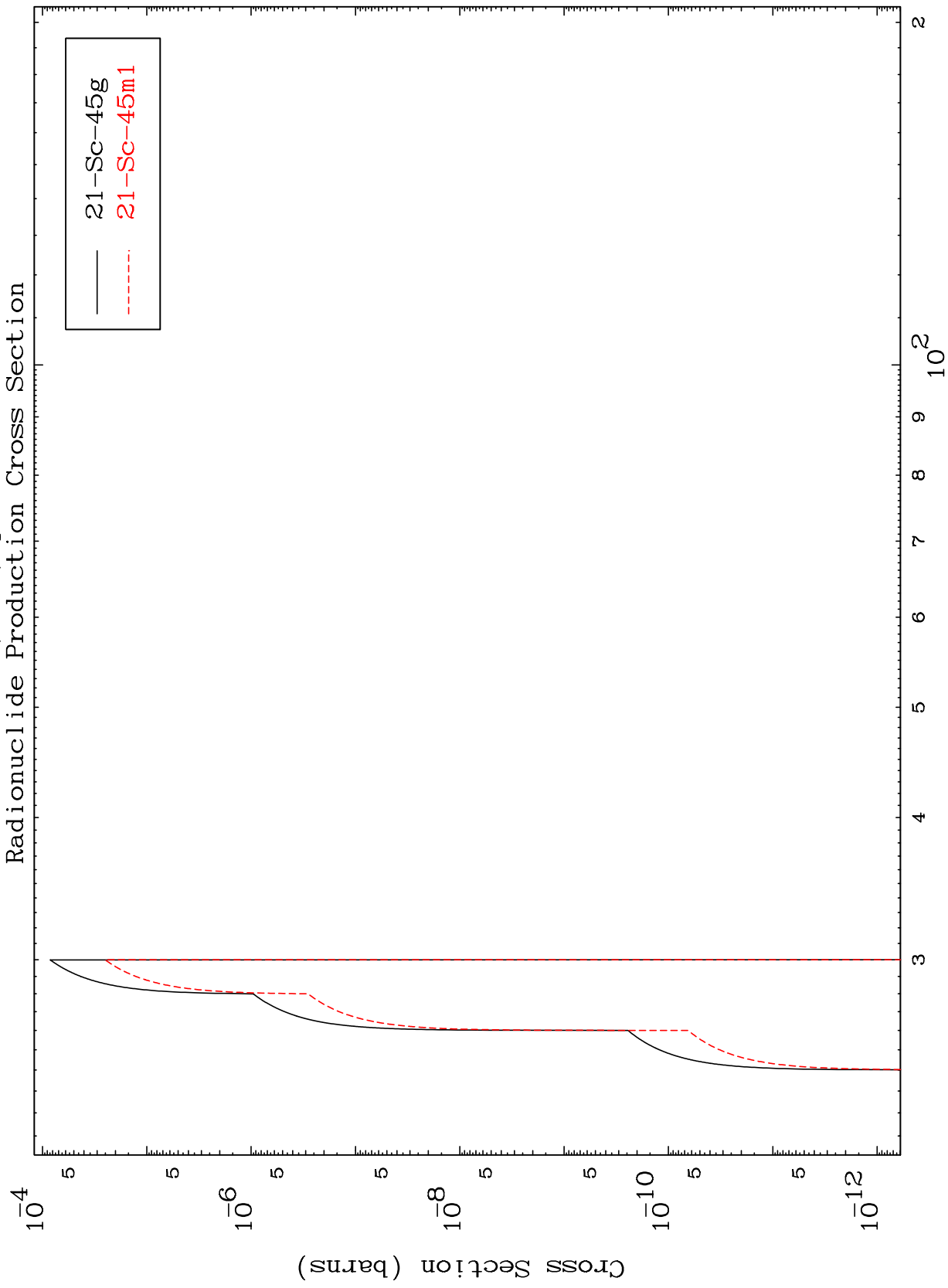
Incident Energy (MeV)

22-Ti-47

MAT 2228

22-Ti-47

(α, n') p α
Radionuclide Production Cross Section



22-Ti-47

Incident Energy (MeV)

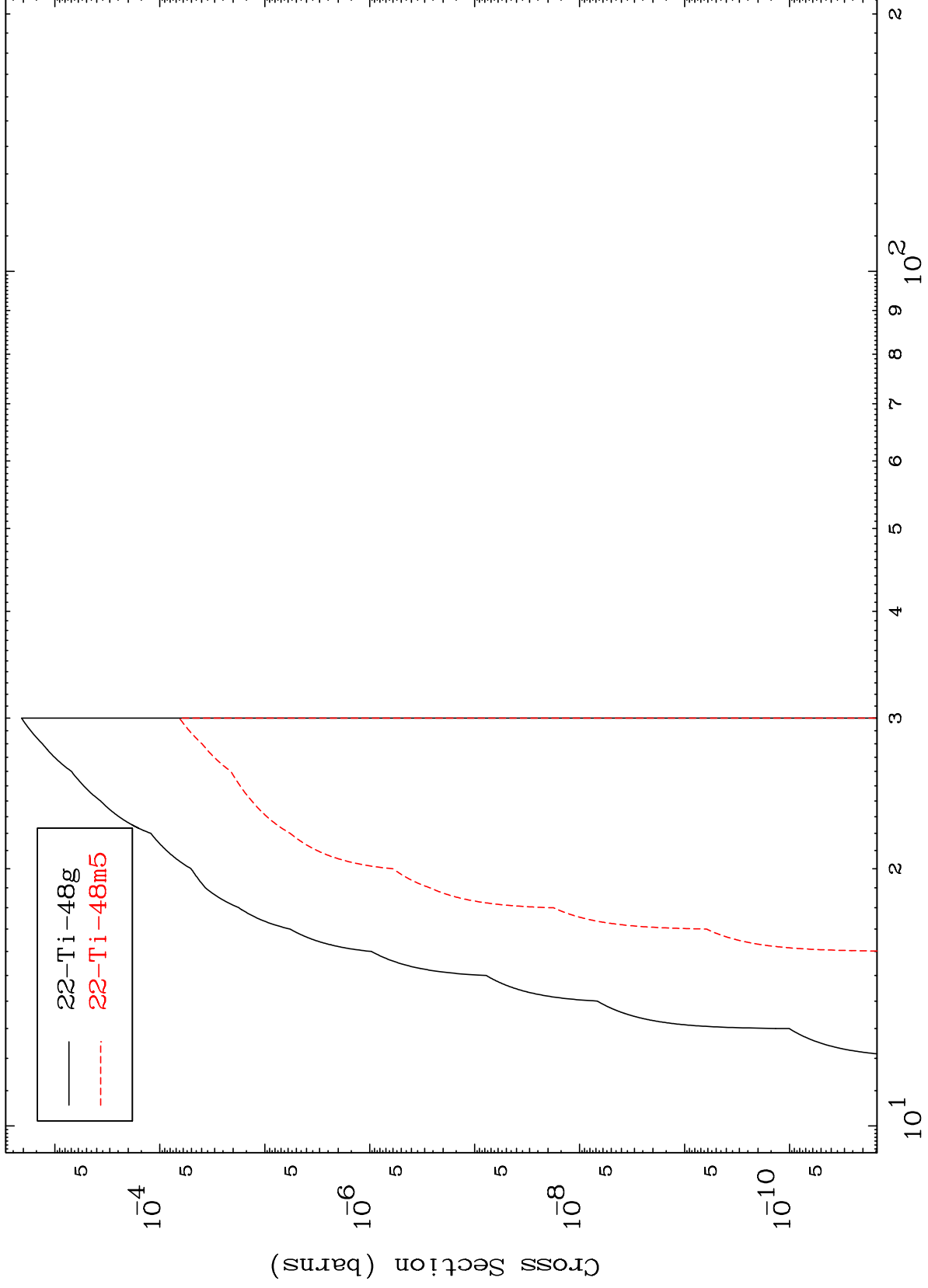
12

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(α , He-3)

²²Ti-47

Radionuclide Production Cross Section



13

Incident Energy (MeV)

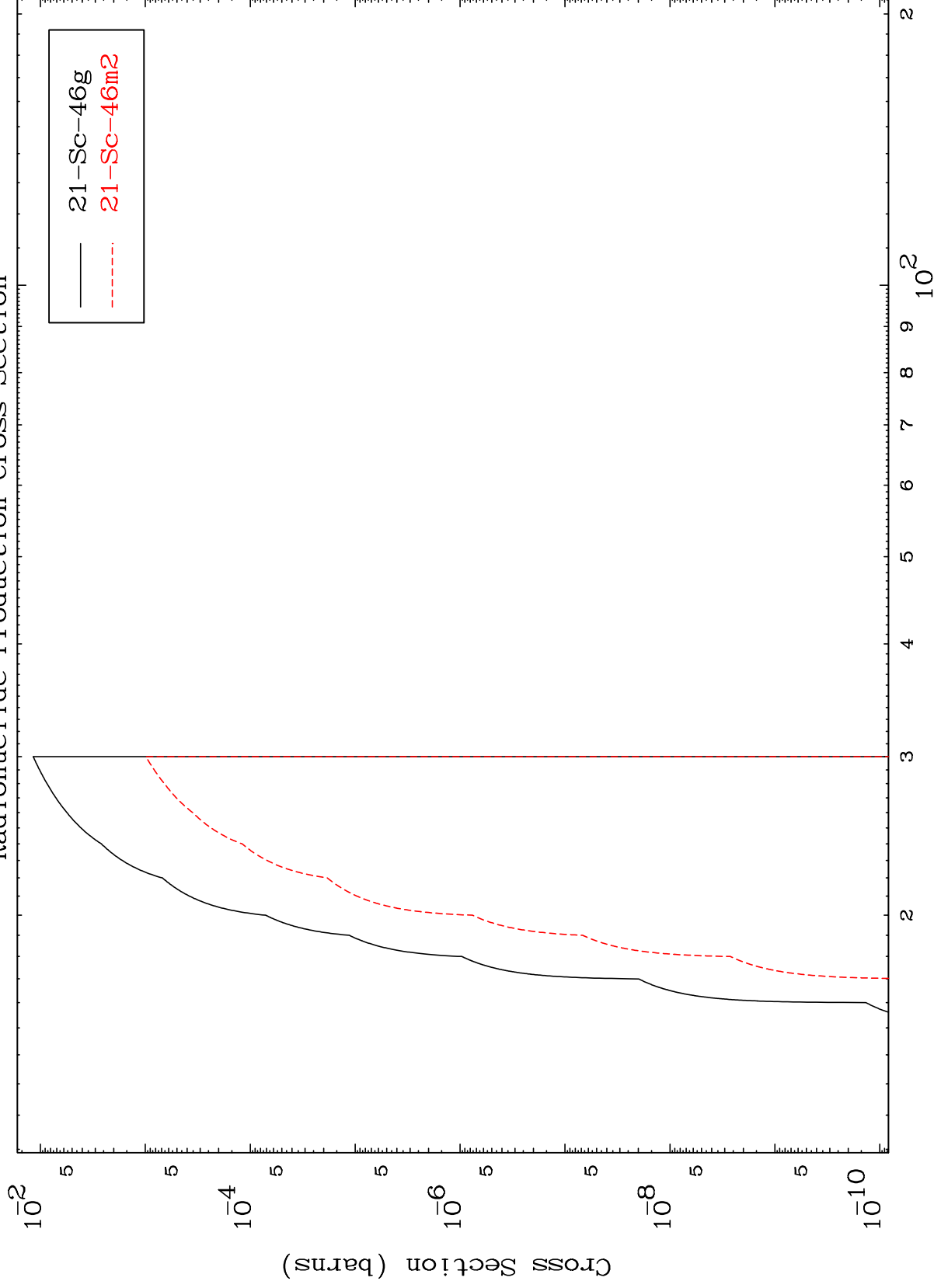
²²Ti-47

MAT 2228

(α, p) α

22-Ti-47

Radionuclide Production Cross Section



14

Incident Energy (MeV)

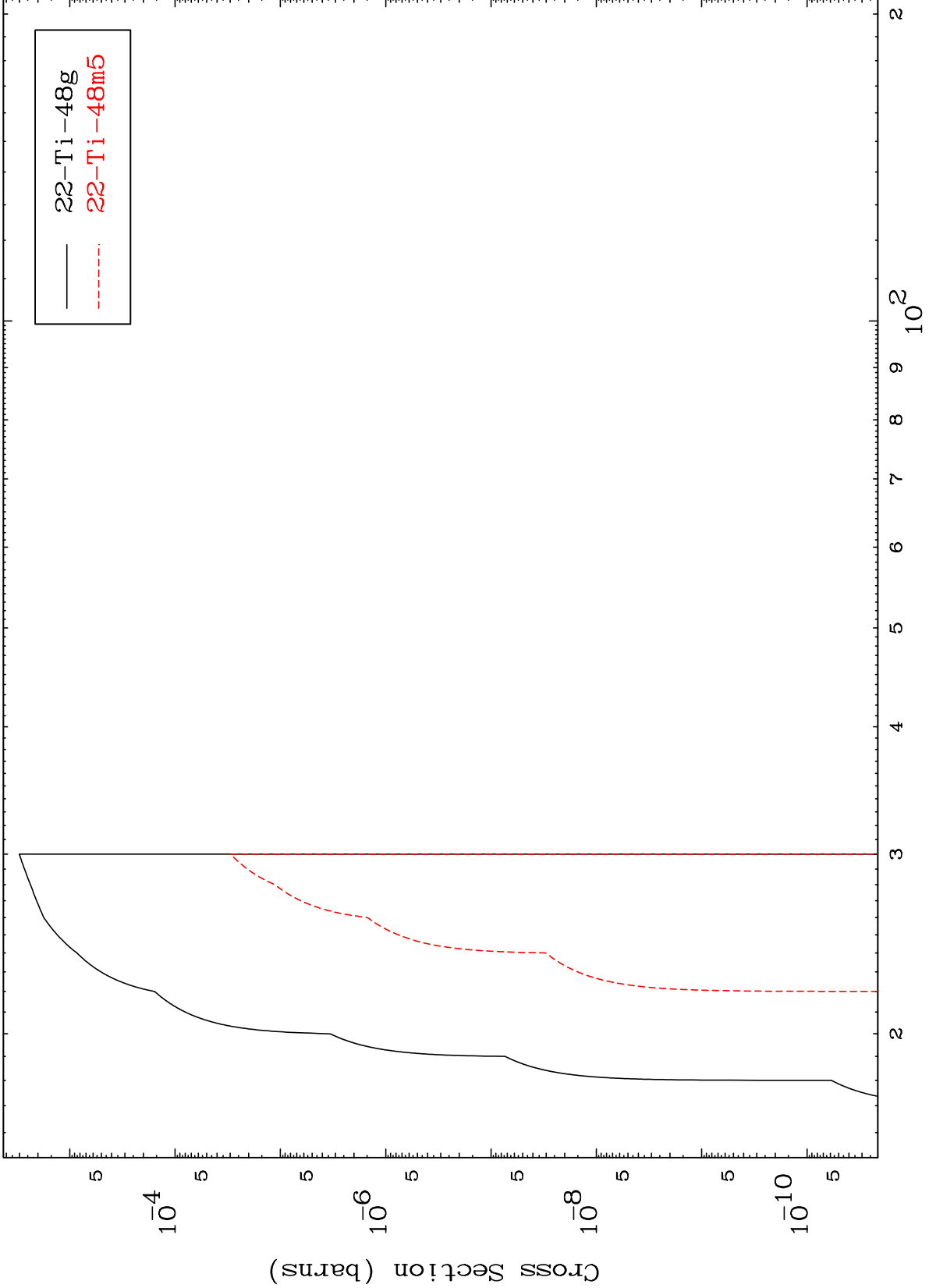
22-Ti-47

MAT 2228

(α, p) d

²²Ti-47

Radionuclide Production Cross Section



15

Incident Energy (MeV)

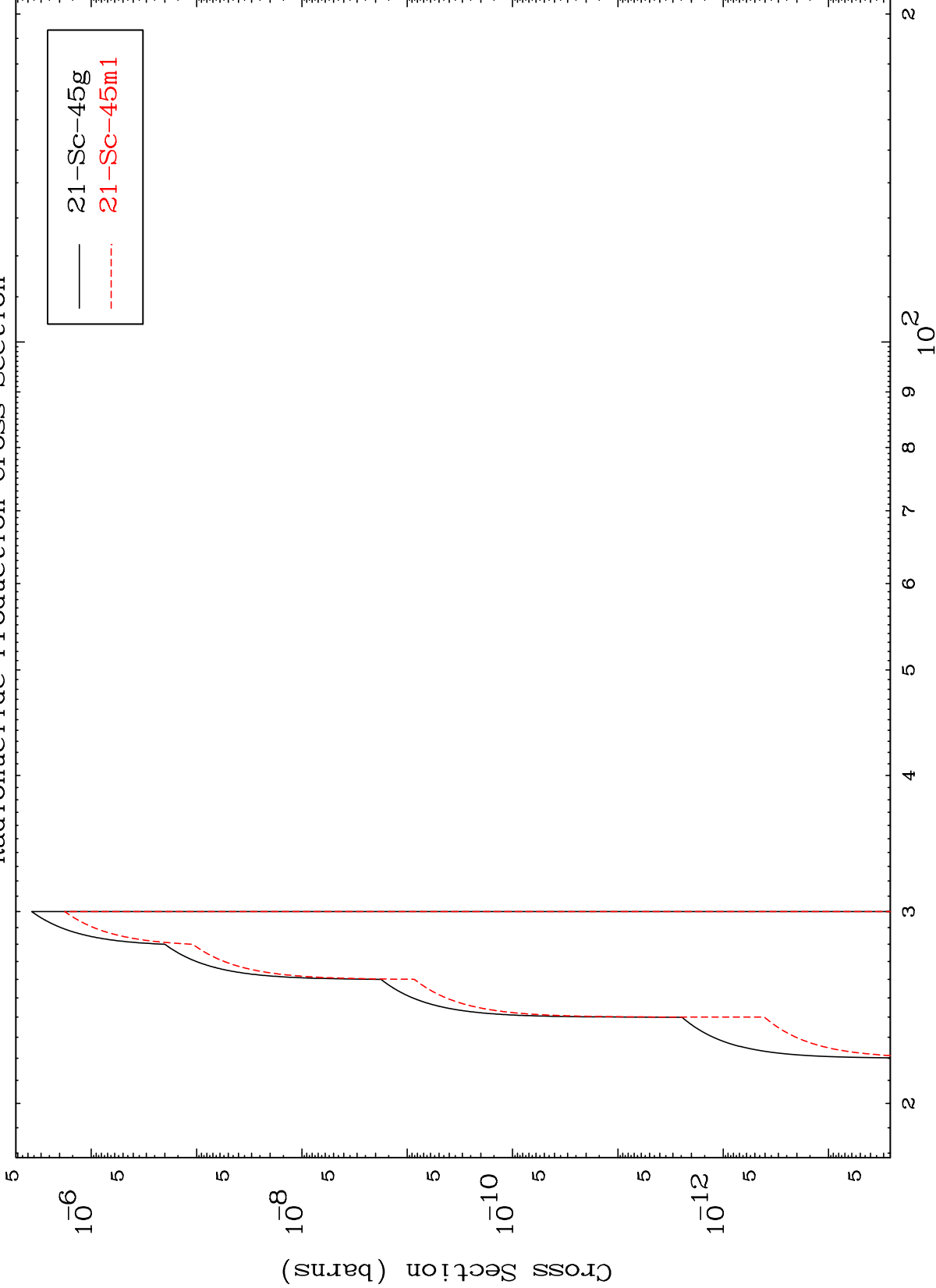
²²Ti-47

MAT 2228

(α, d) α

22-Ti-47

Radionuclide Production Cross Section



16

Incident Energy (MeV)

22-Ti-47