

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

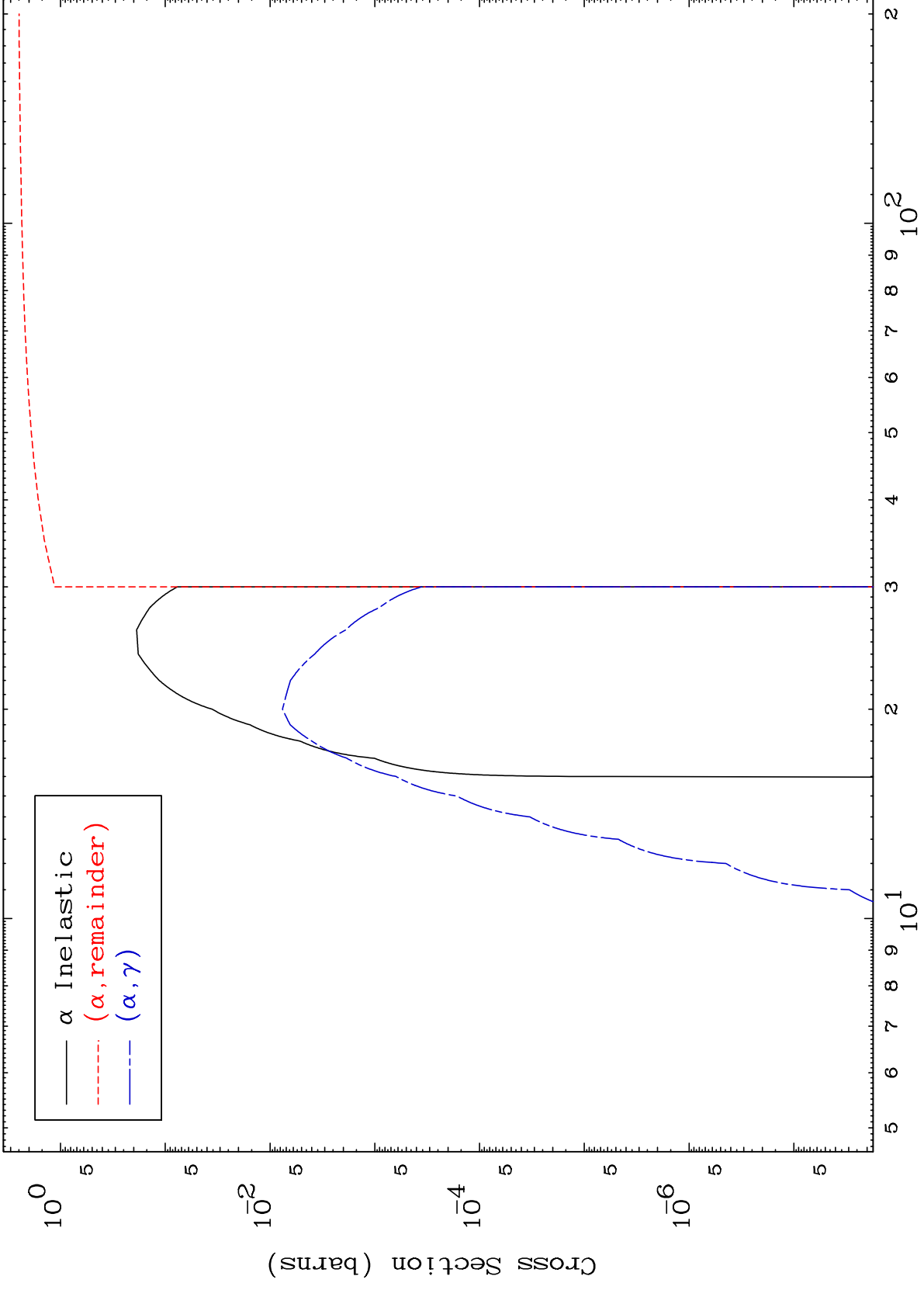
Press Mouse Button to Start

MAT 7077

α Major

71-Lu-159

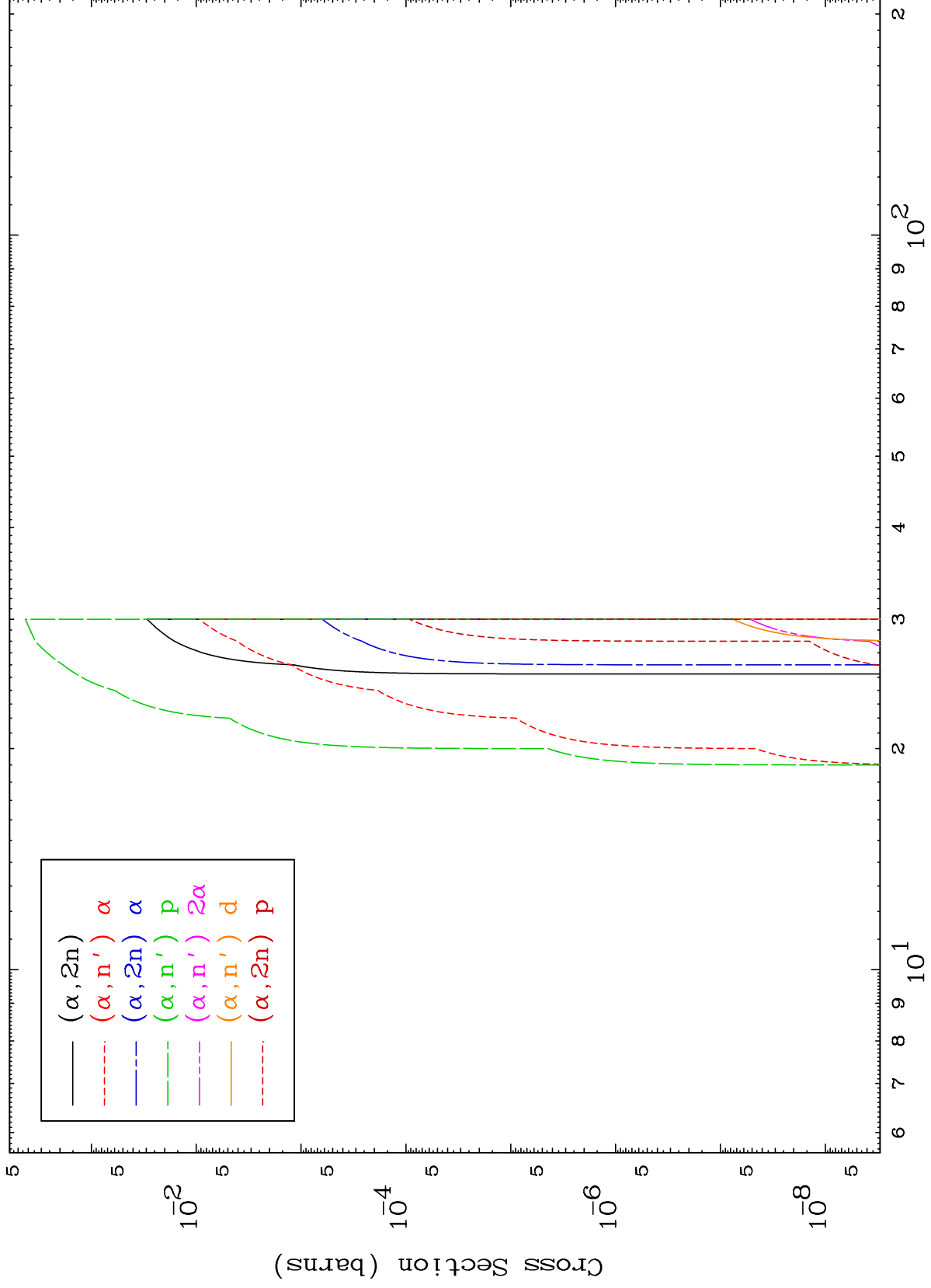
0 Kelvin Cross Sections

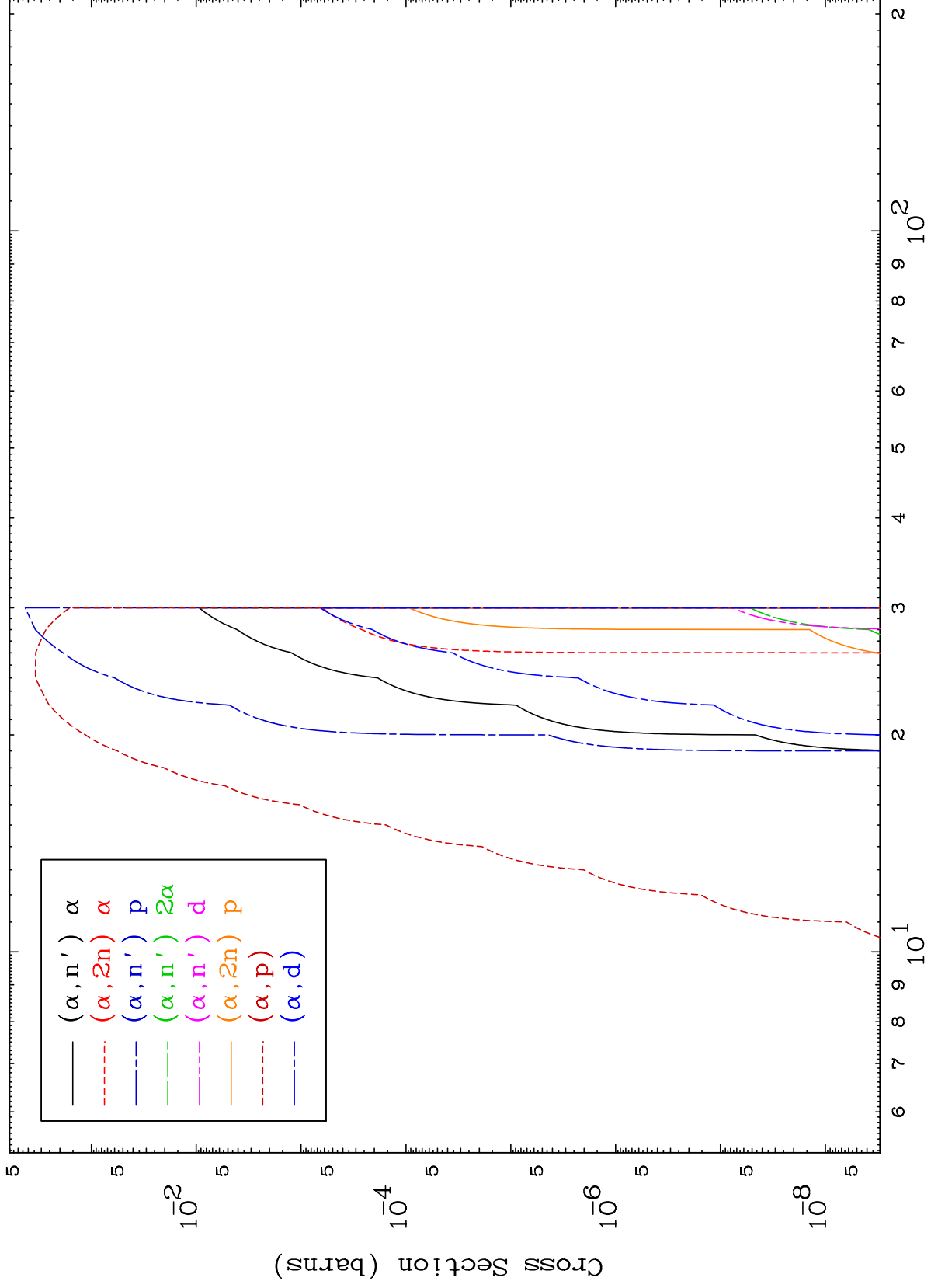


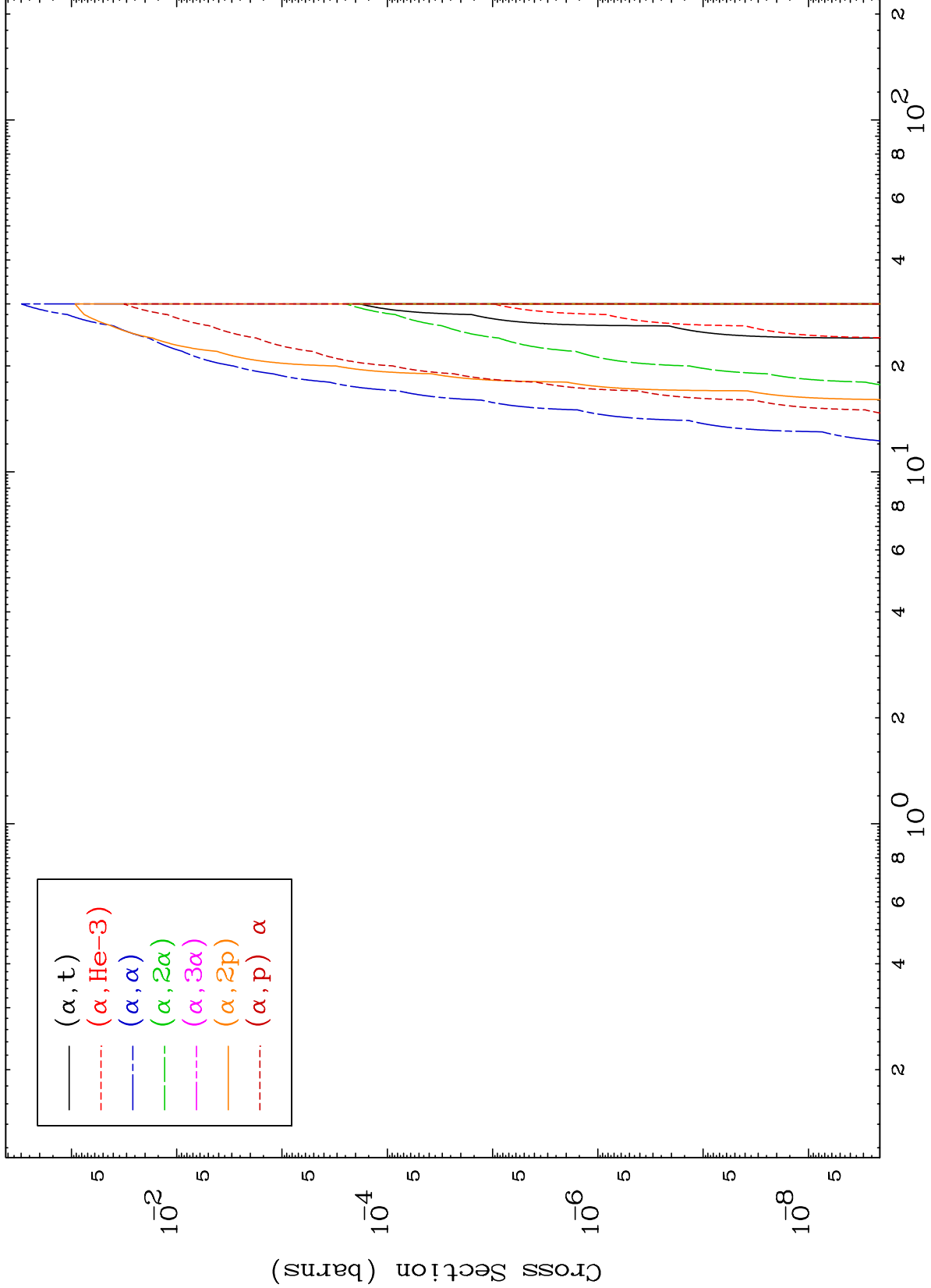
1

Incident Energy (MeV)

71-Lu-159





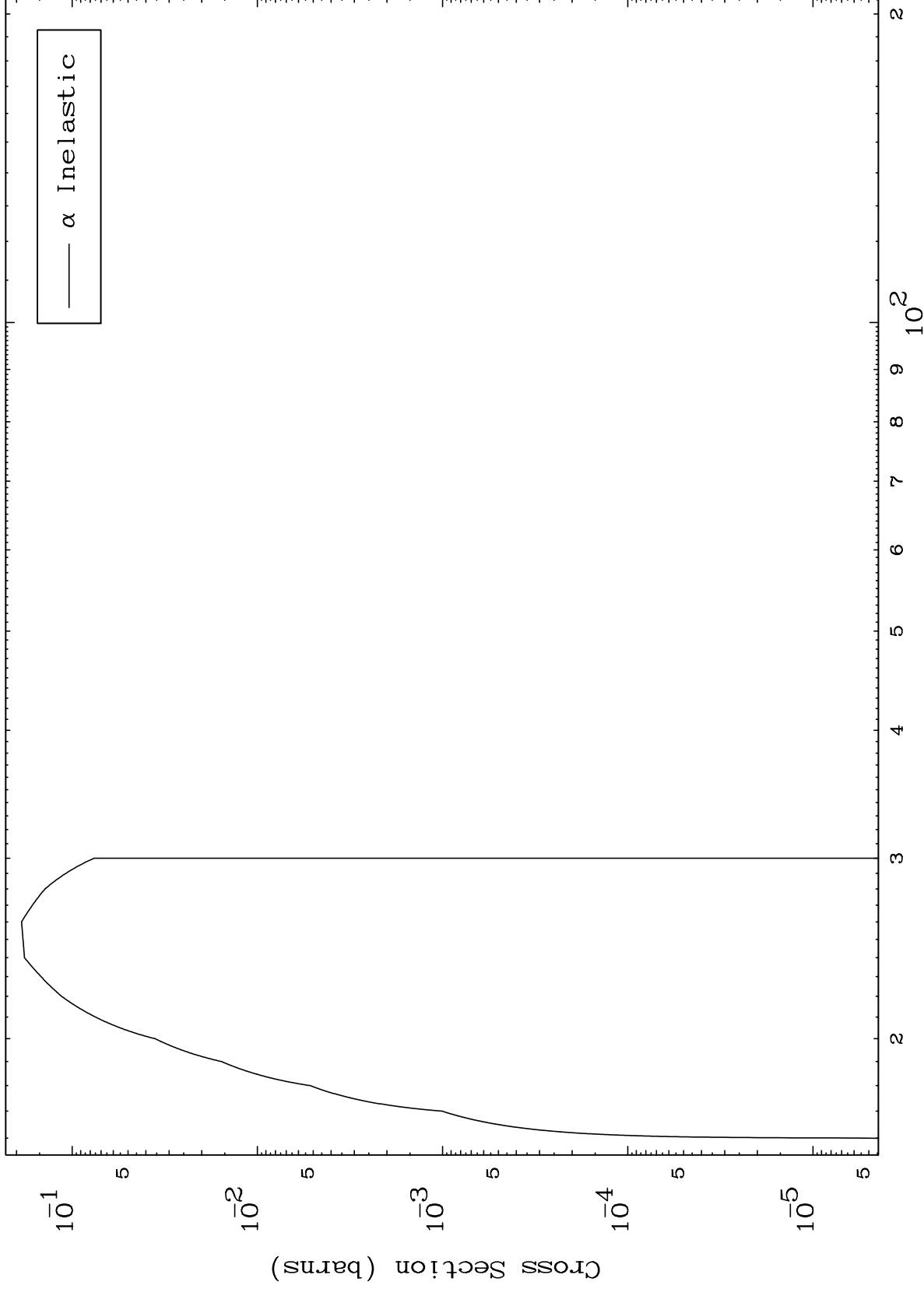


MAT 70777

(α, n') Level

71-Lu-159

0 Kelvin Cross Sections



5

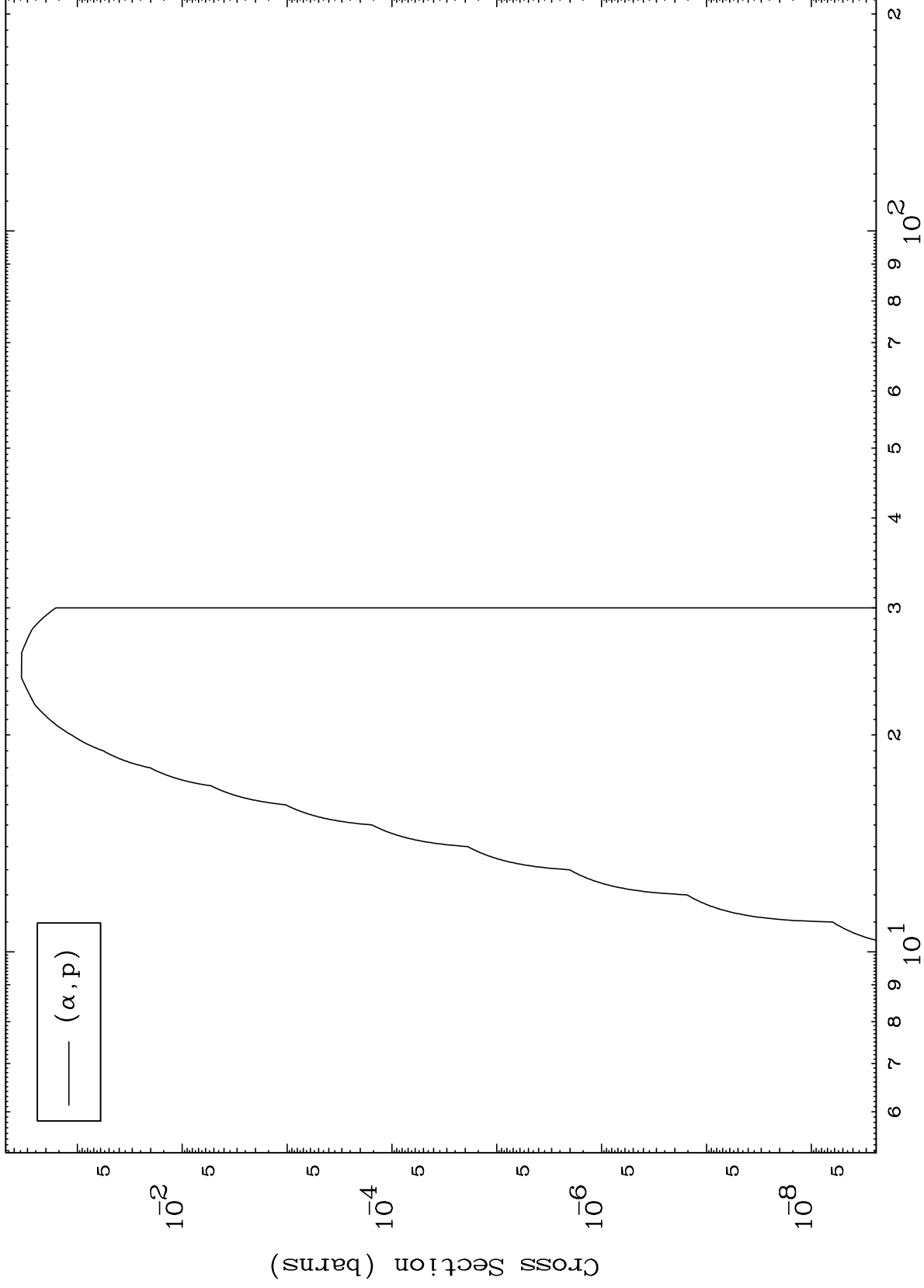
Incident Energy (MeV)

71-Lu-159

MAT 7077

(α, p) Levels
0 Kelvin Cross Sections

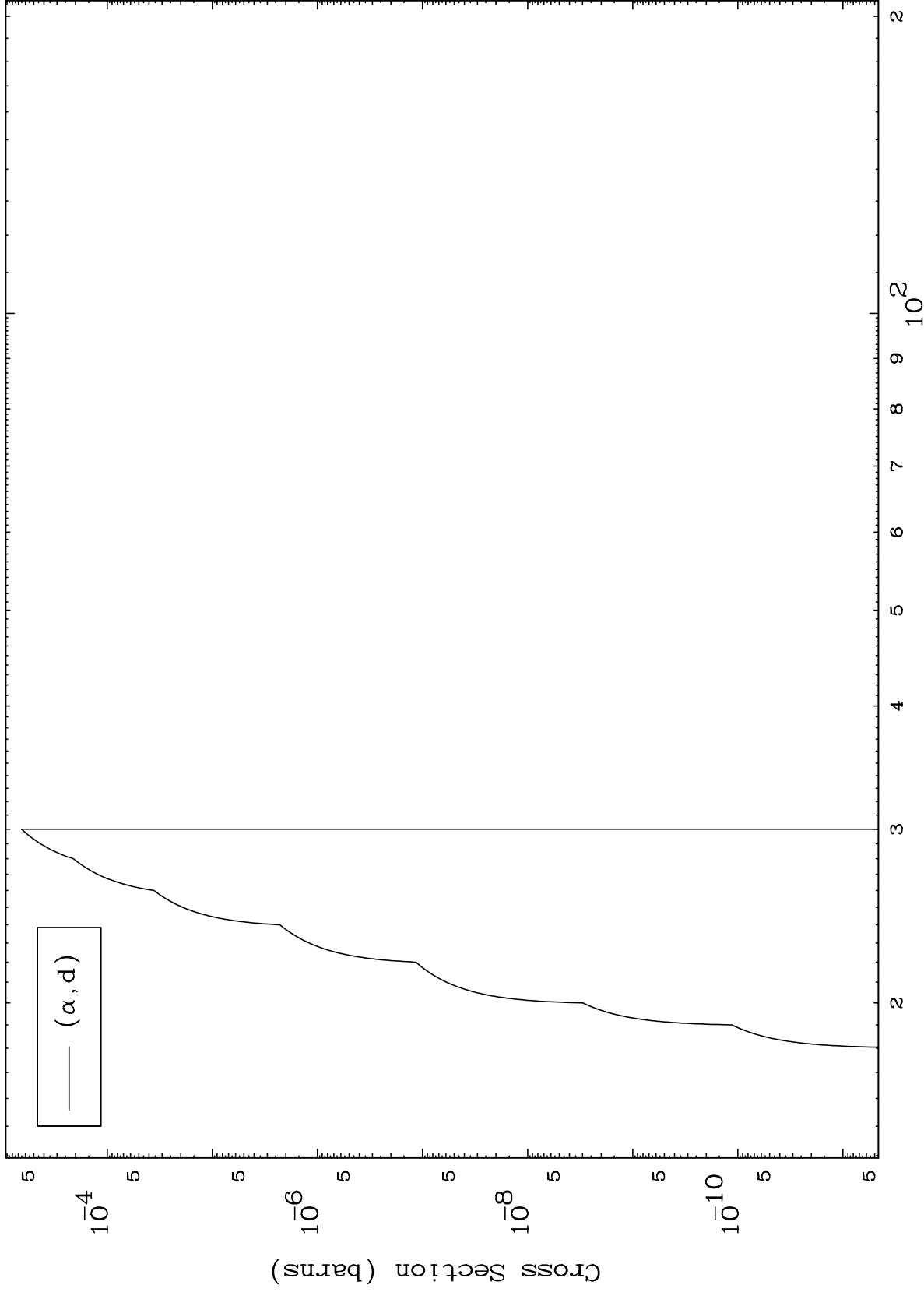
71-Lu-159



6

Incident Energy (MeV)

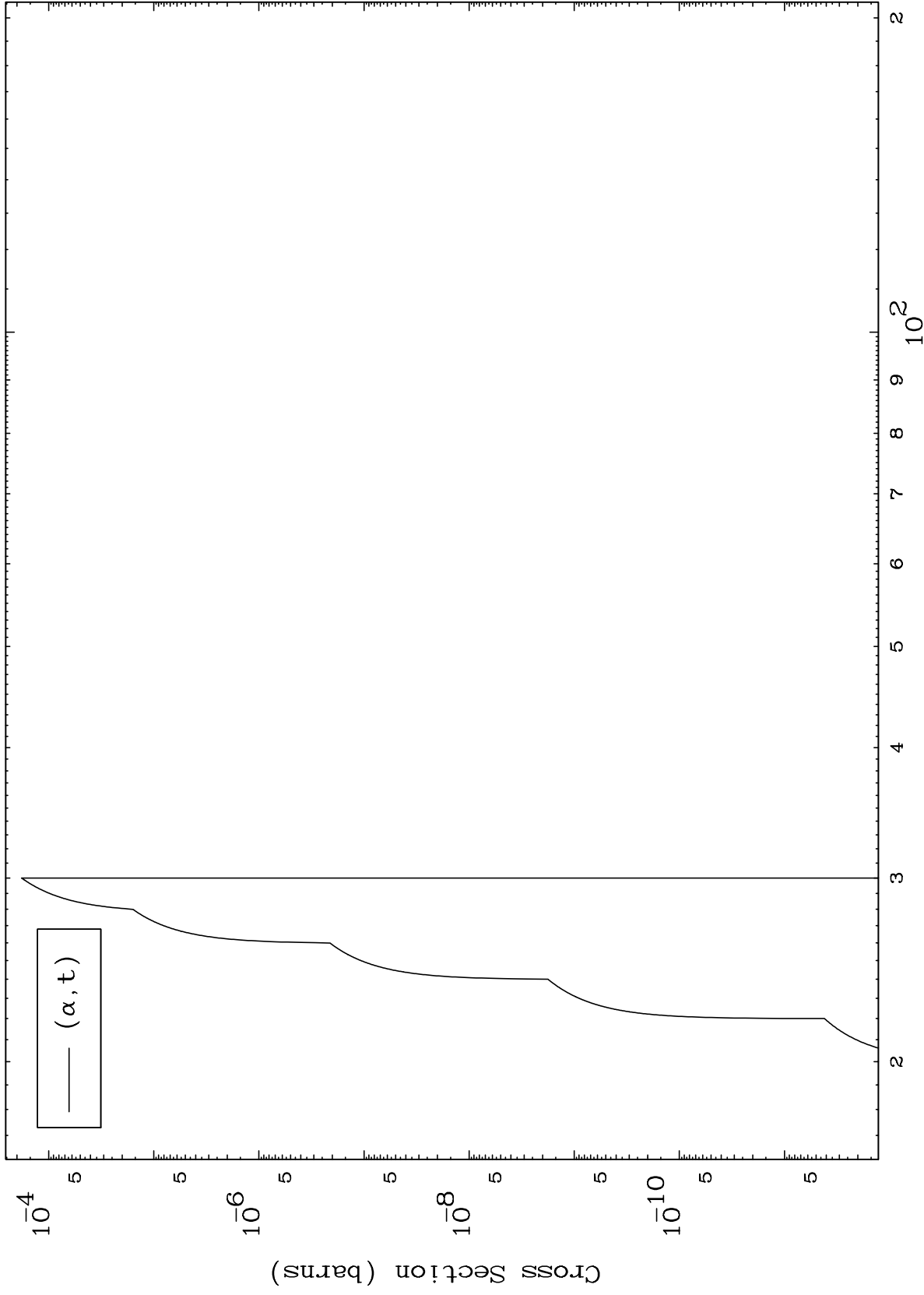
71-Lu-159



MAT 70777

(α, t) Levels
0 Kelvin Cross Sections

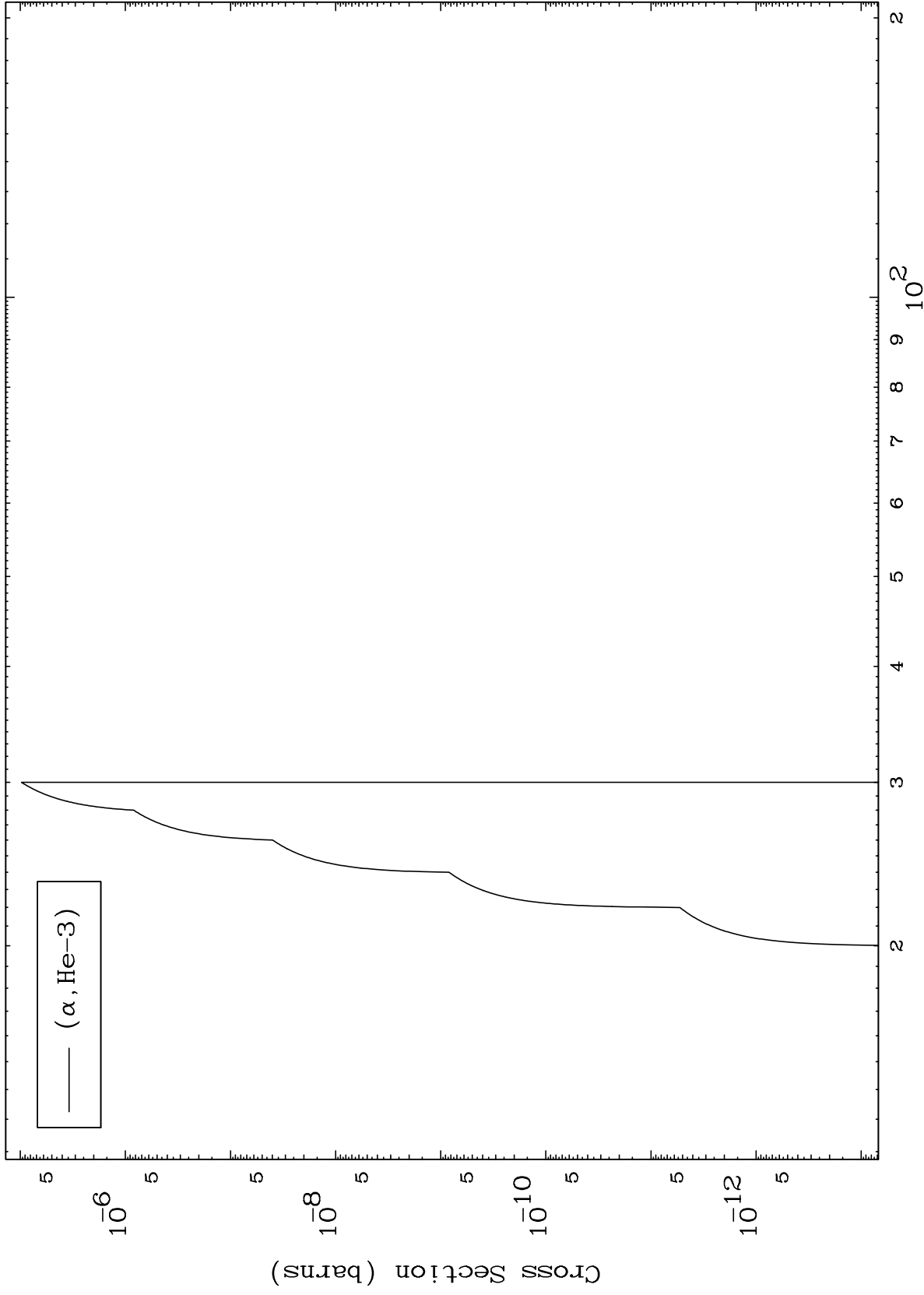
71-Lu-159



8

Incident Energy (MeV)

71-Lu-159

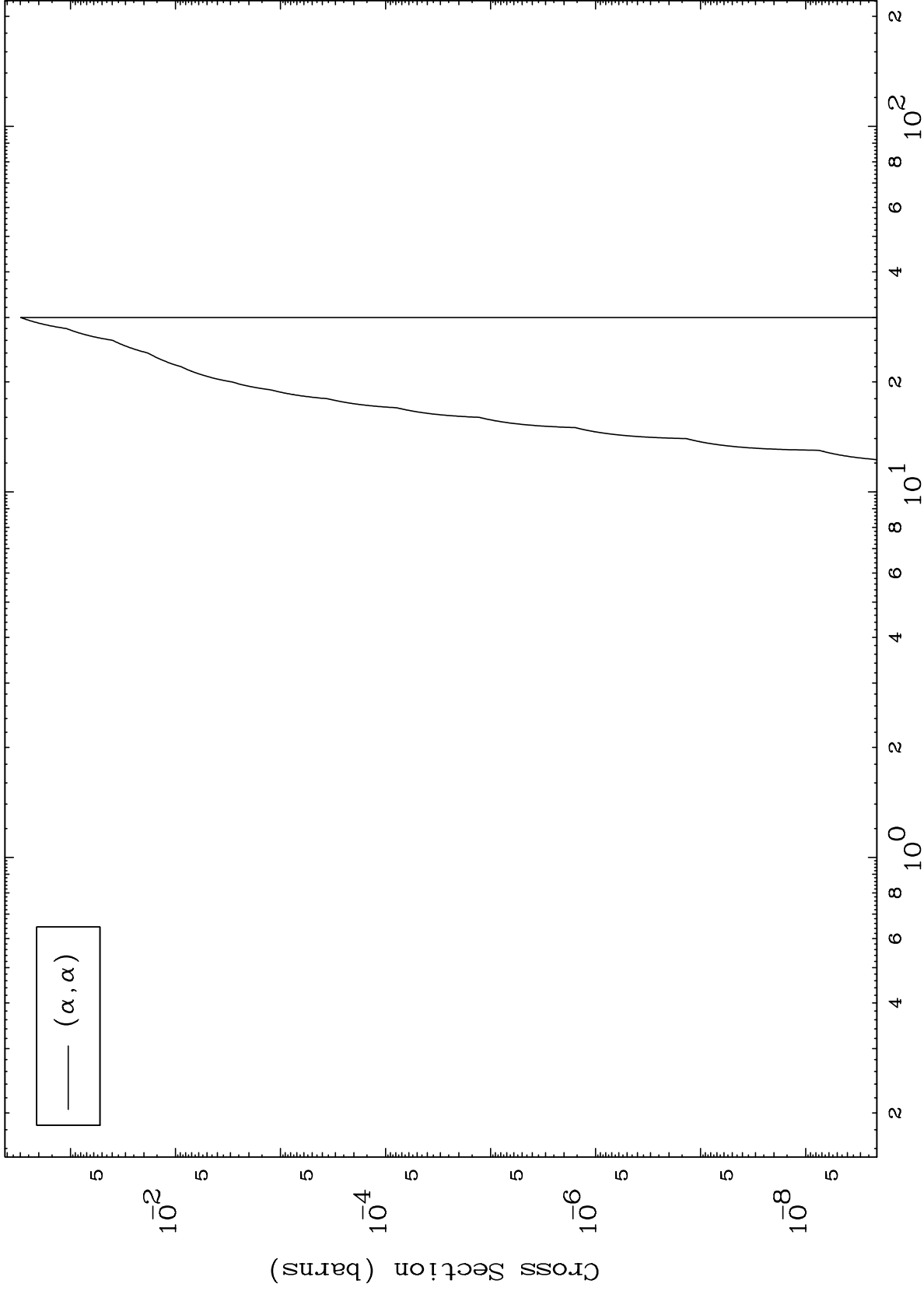


MAT 7077

(α, α) Levels

71-Lu-159

0 Kelvin Cross Sections

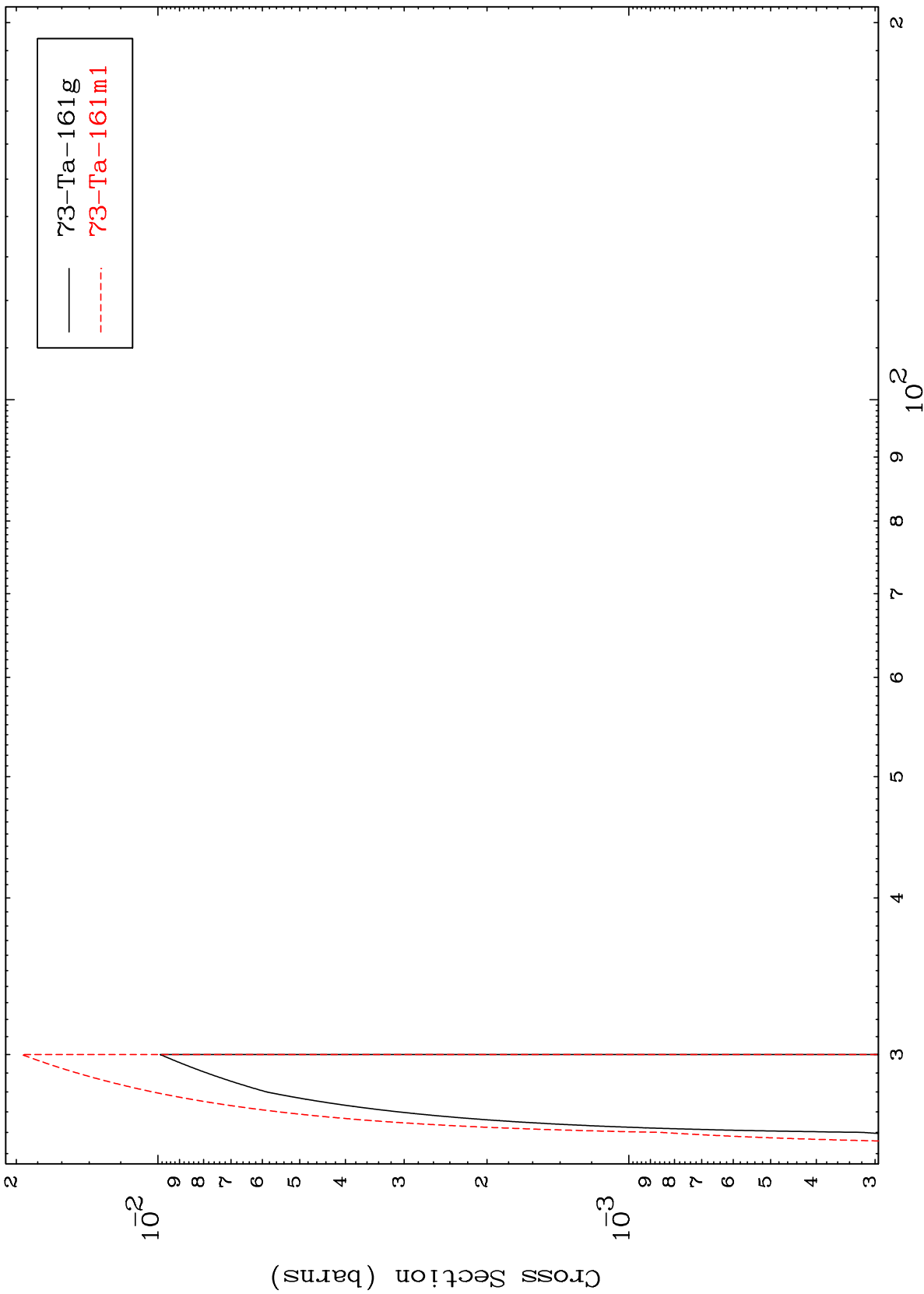


10

Incident Energy (MeV)

71-Lu-159

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

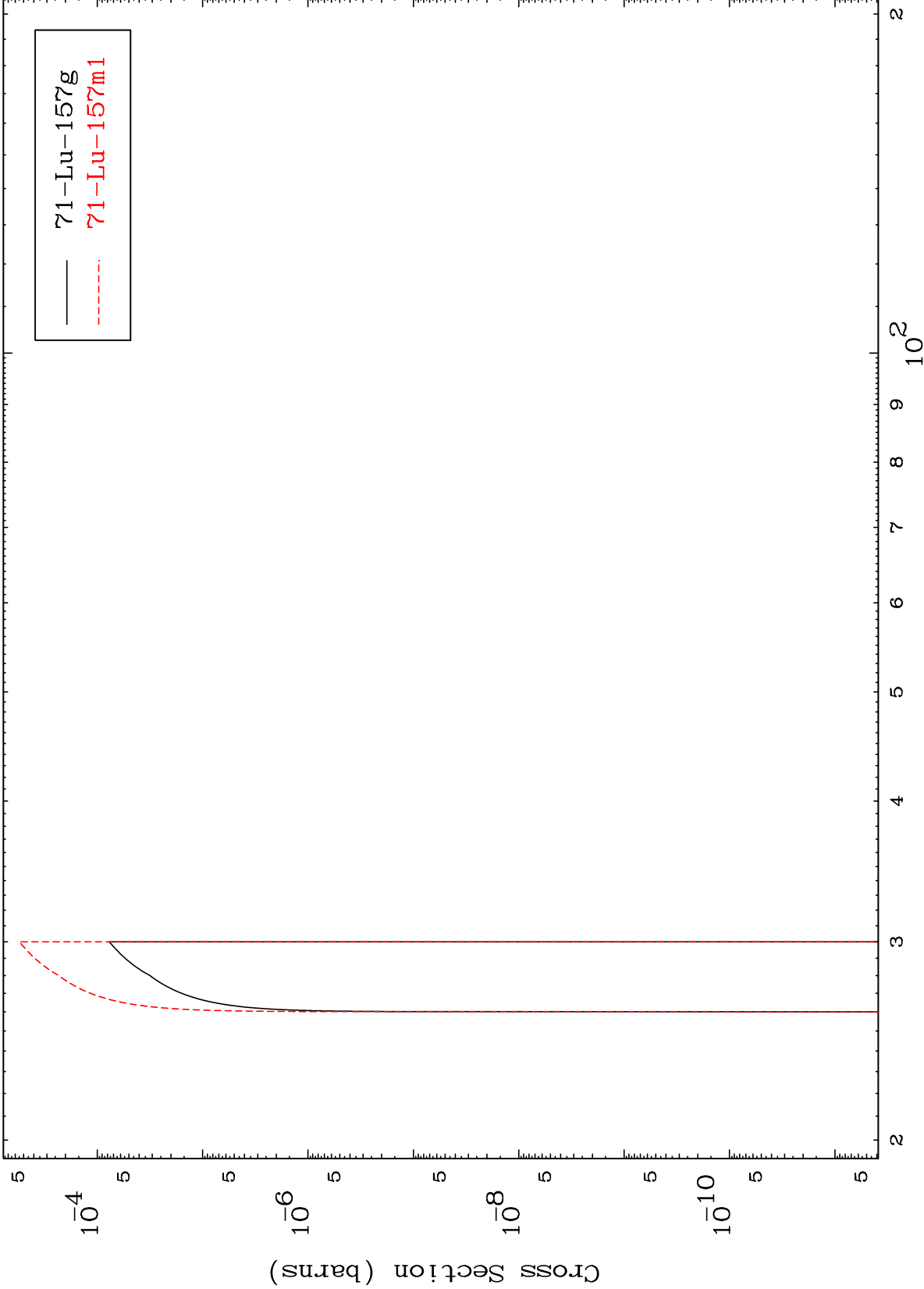


MAT 7077

$(\alpha, 2n) \alpha$

$^{71}\text{Lu-159}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

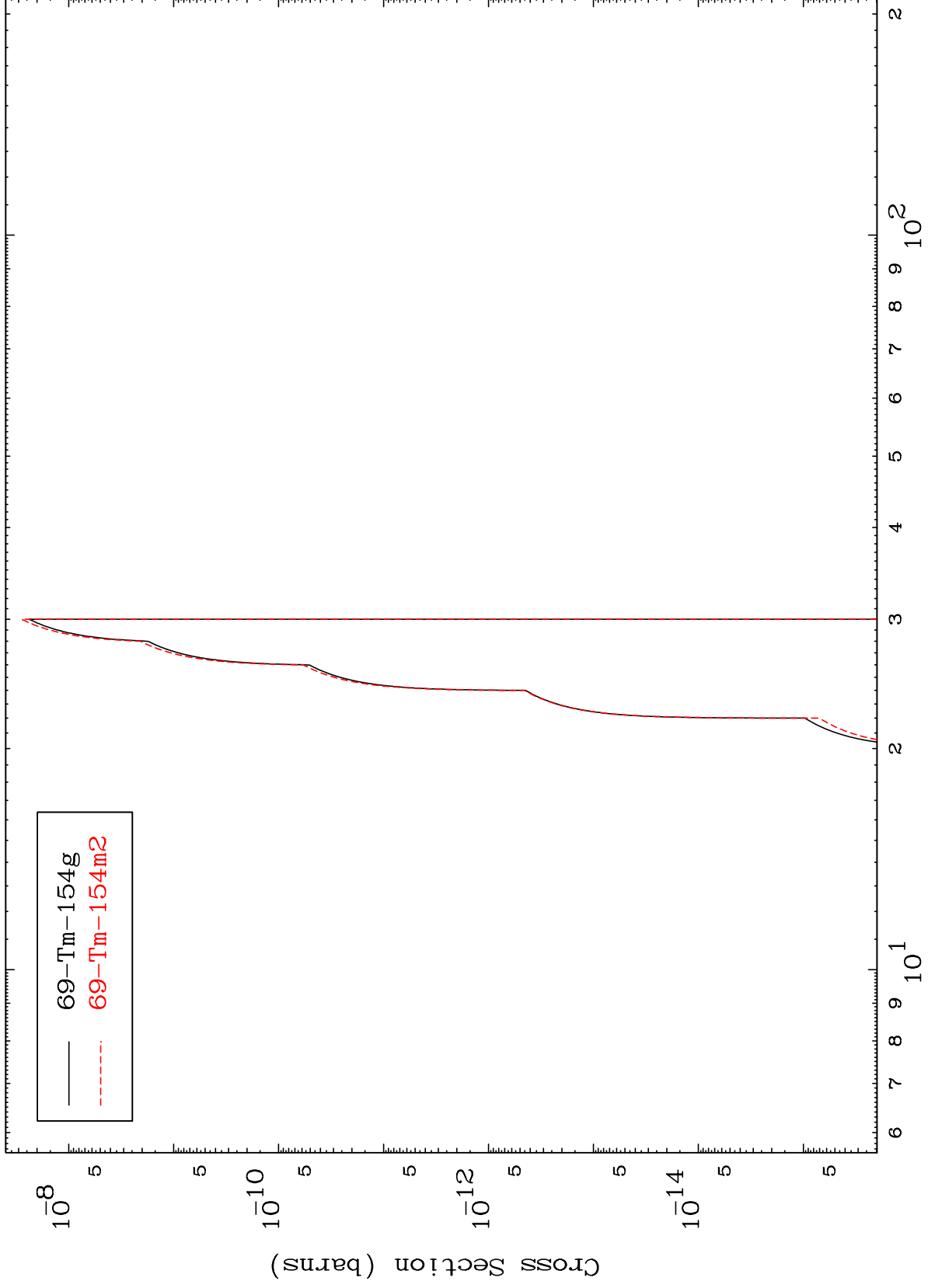
$^{71}\text{Lu-159}$

MAT 7077

(α, n') 2α

71-Lu-159

Radionuclide Production Cross Section



69-Tm-154g
69-Tm-154m2

13

Incident Energy (MeV)

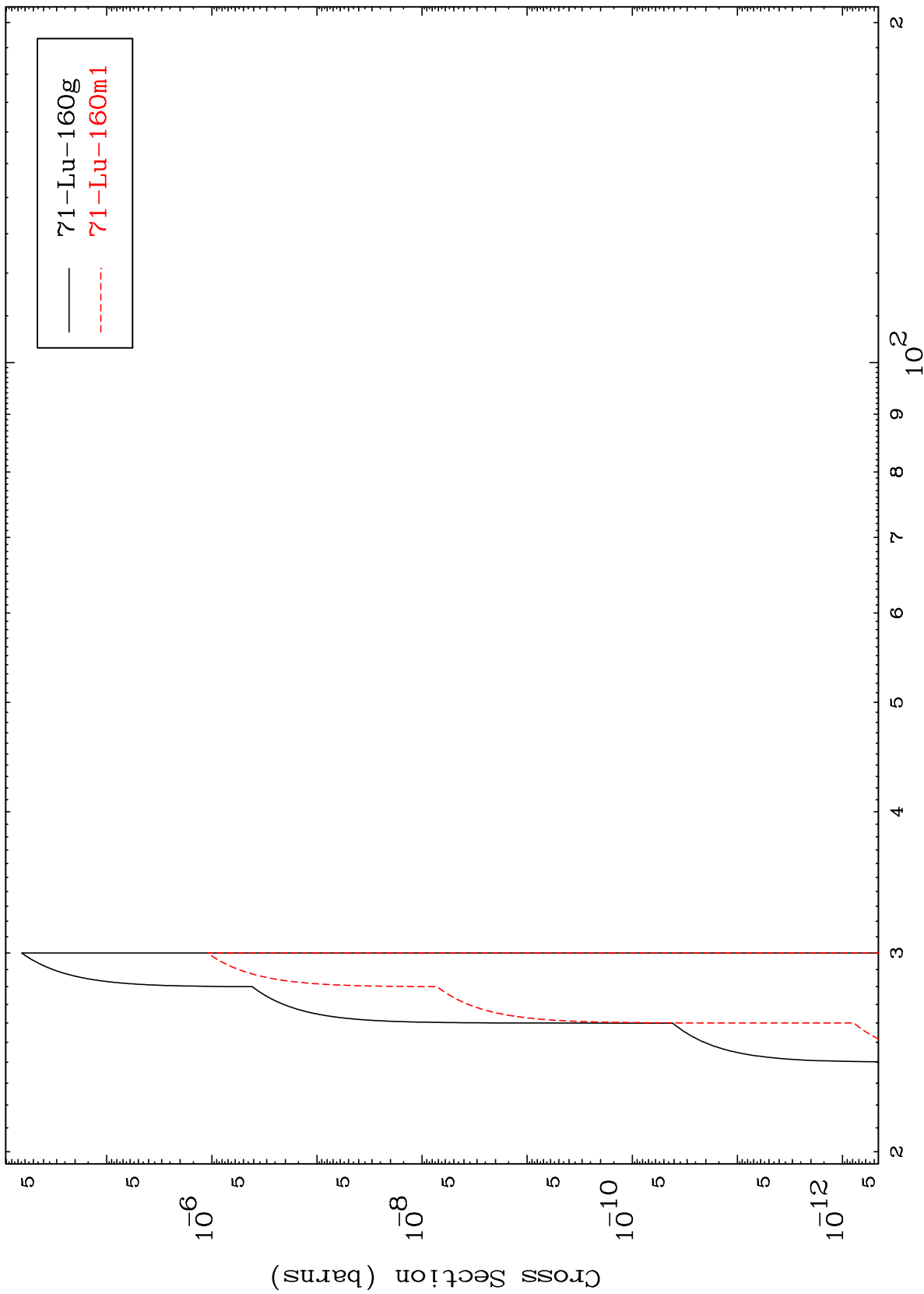
71-Lu-159

MAT 70777

$(\alpha, 2n)$ p

$^{71}\text{Lu-159}$

Radionuclide Production Cross Section



14

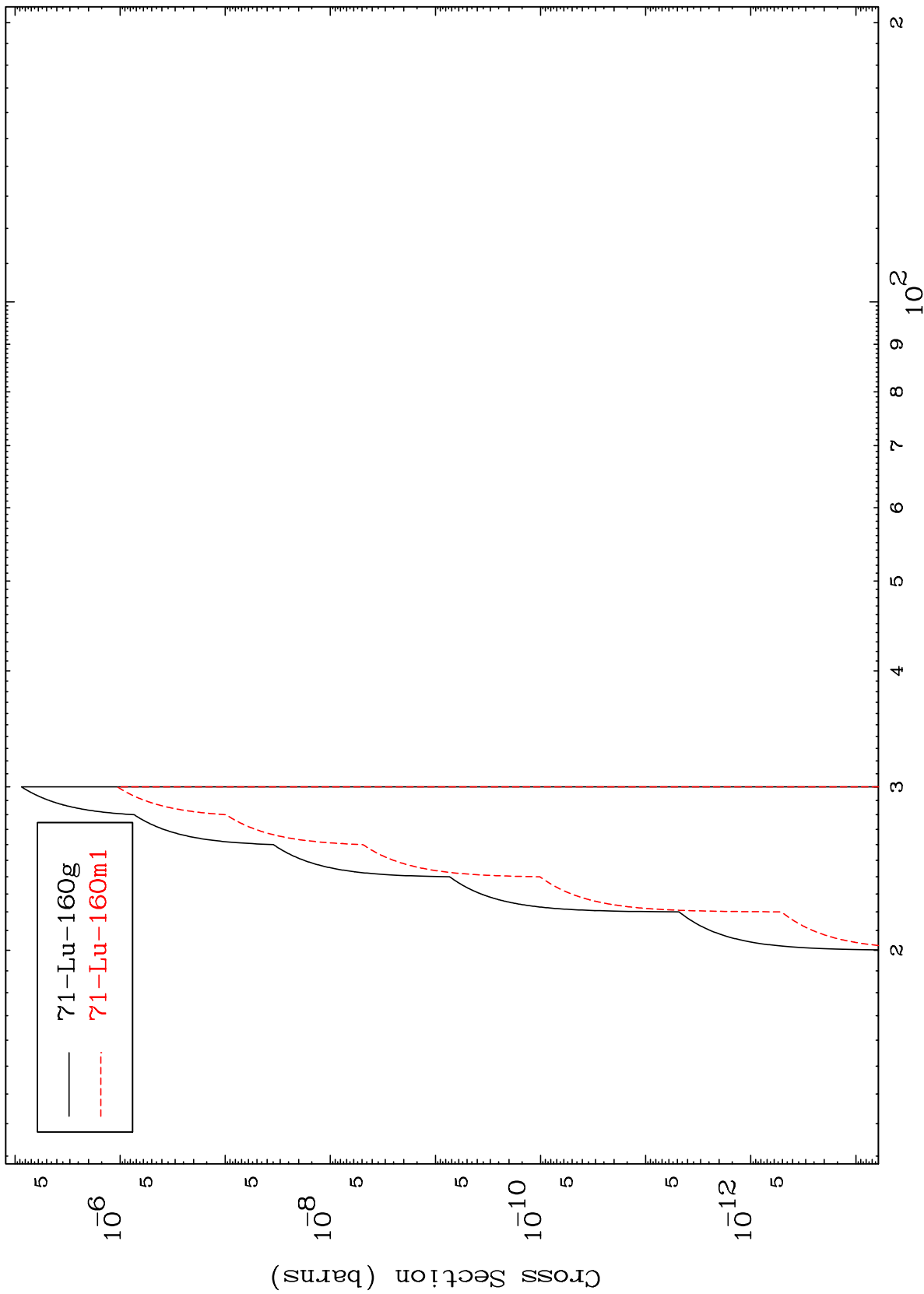
Incident Energy (MeV)

$^{71}\text{Lu-159}$

MAT 7077

71-Lu-159

($\alpha, \text{He-3}$)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

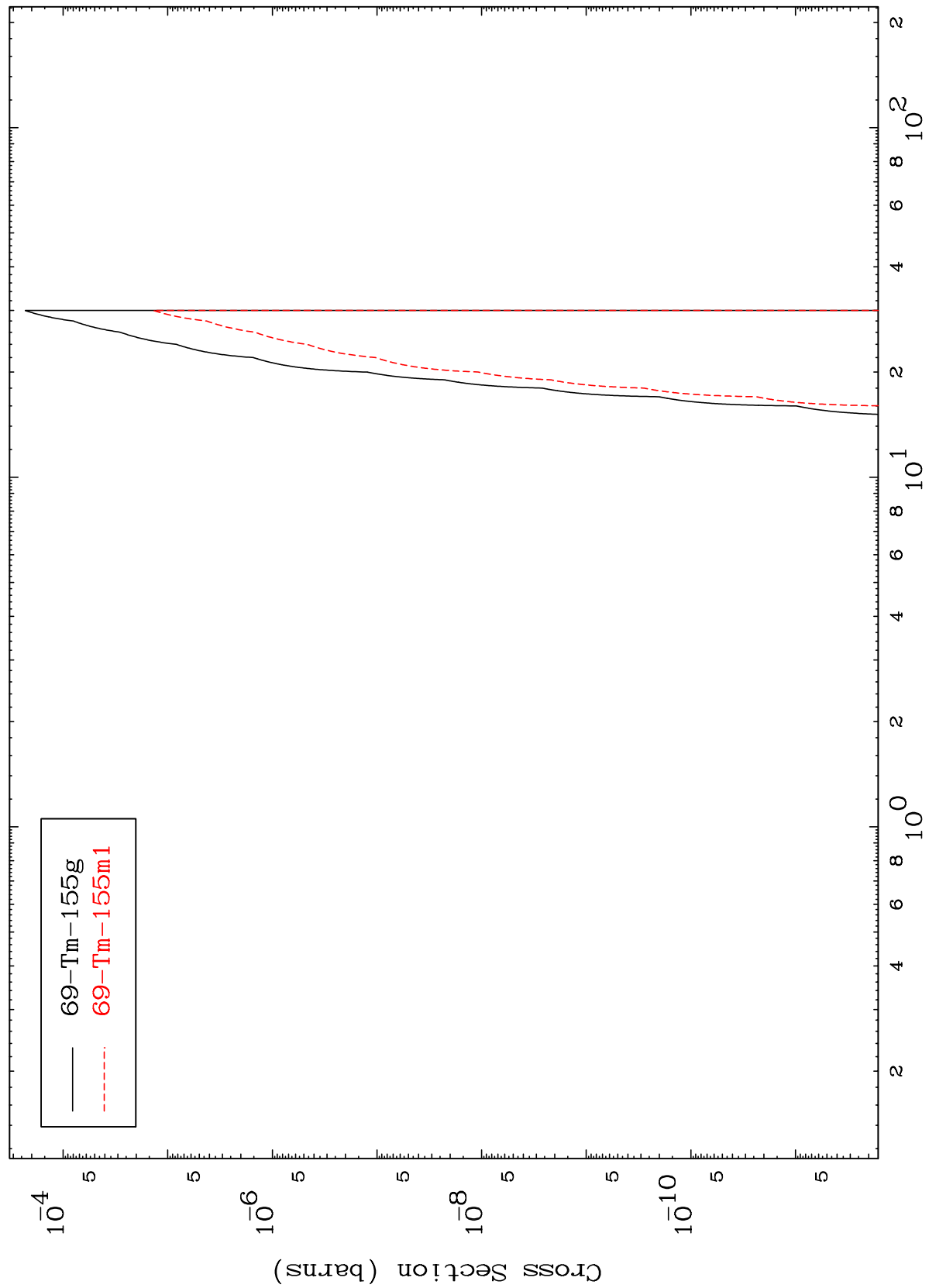
71-Lu-159

MAT 7077

($\alpha, 2\alpha$)

71-Lu-159

Radionuclide Production Cross Section



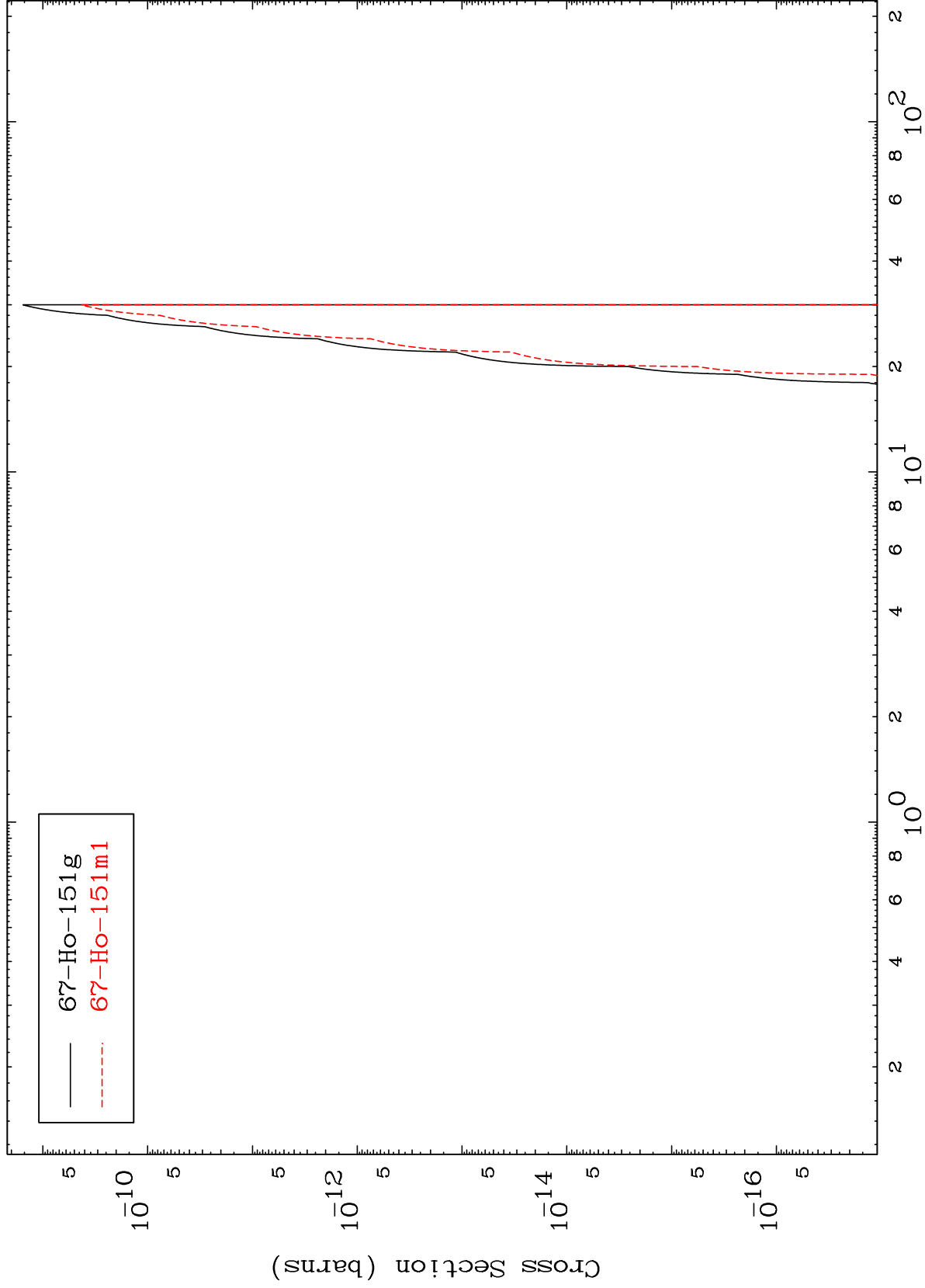
69-Tm-155g
69-Tm-155m1

MAT 7077

($\alpha, 3\alpha$)

⁷¹Lu-159

Radionuclide Production Cross Section



17

Incident Energy (MeV)

⁷¹Lu-159

Radionuclide Production Cross Section

