

Program EVALPLOT
(Version 2018-1)

by

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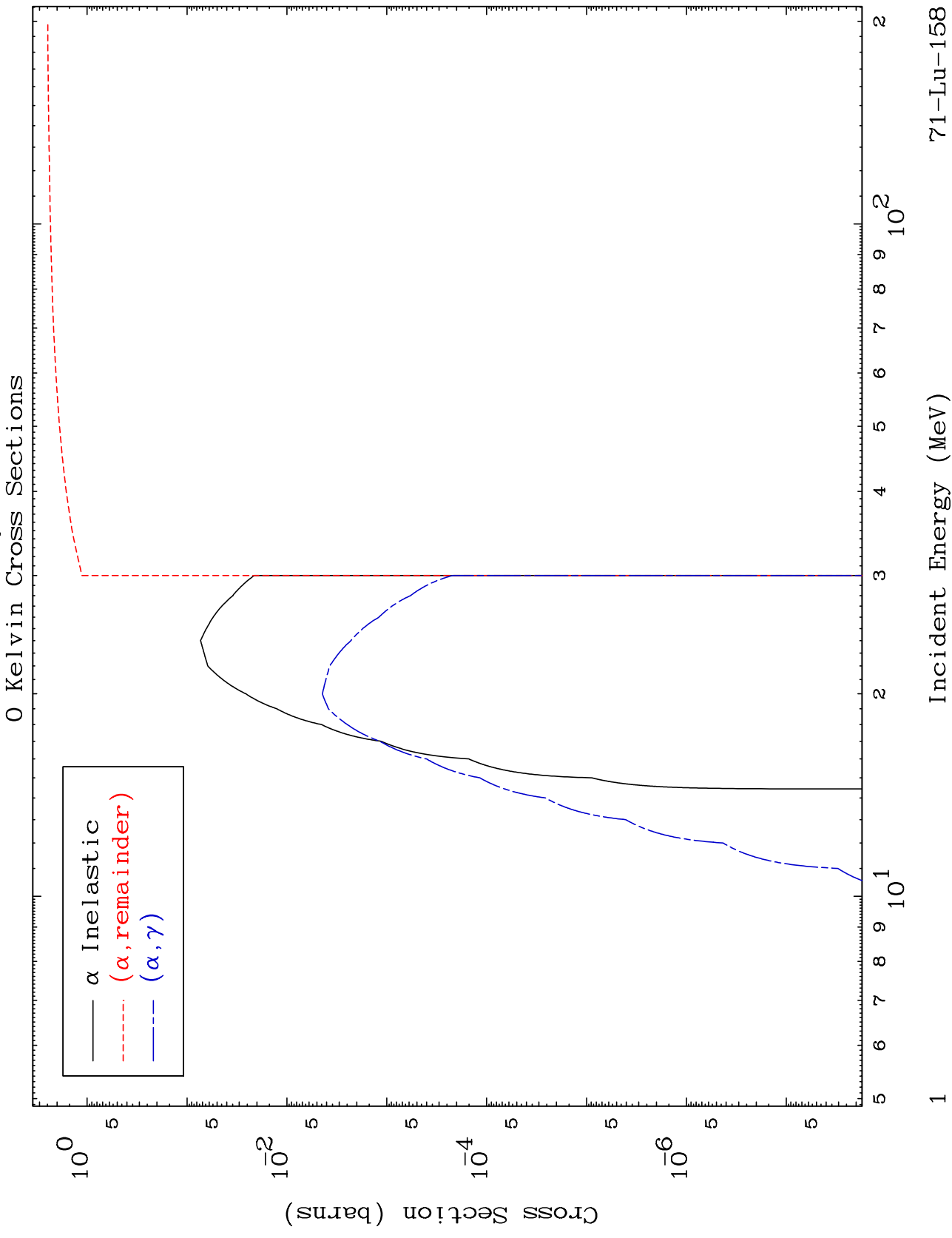
Press Mouse Button to Start

MAT 7074

0 Kelvin

α Major

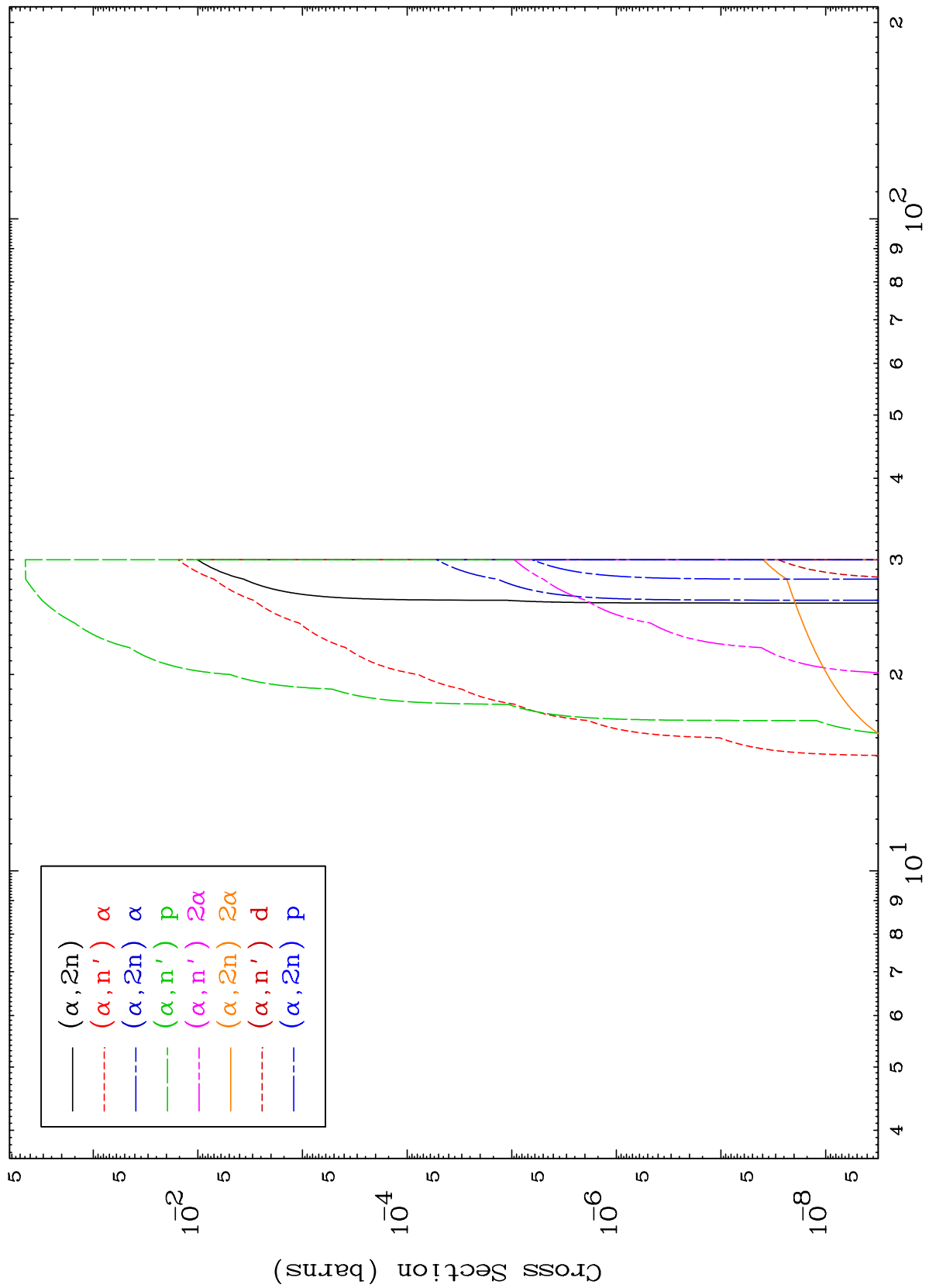
71-Lu-158

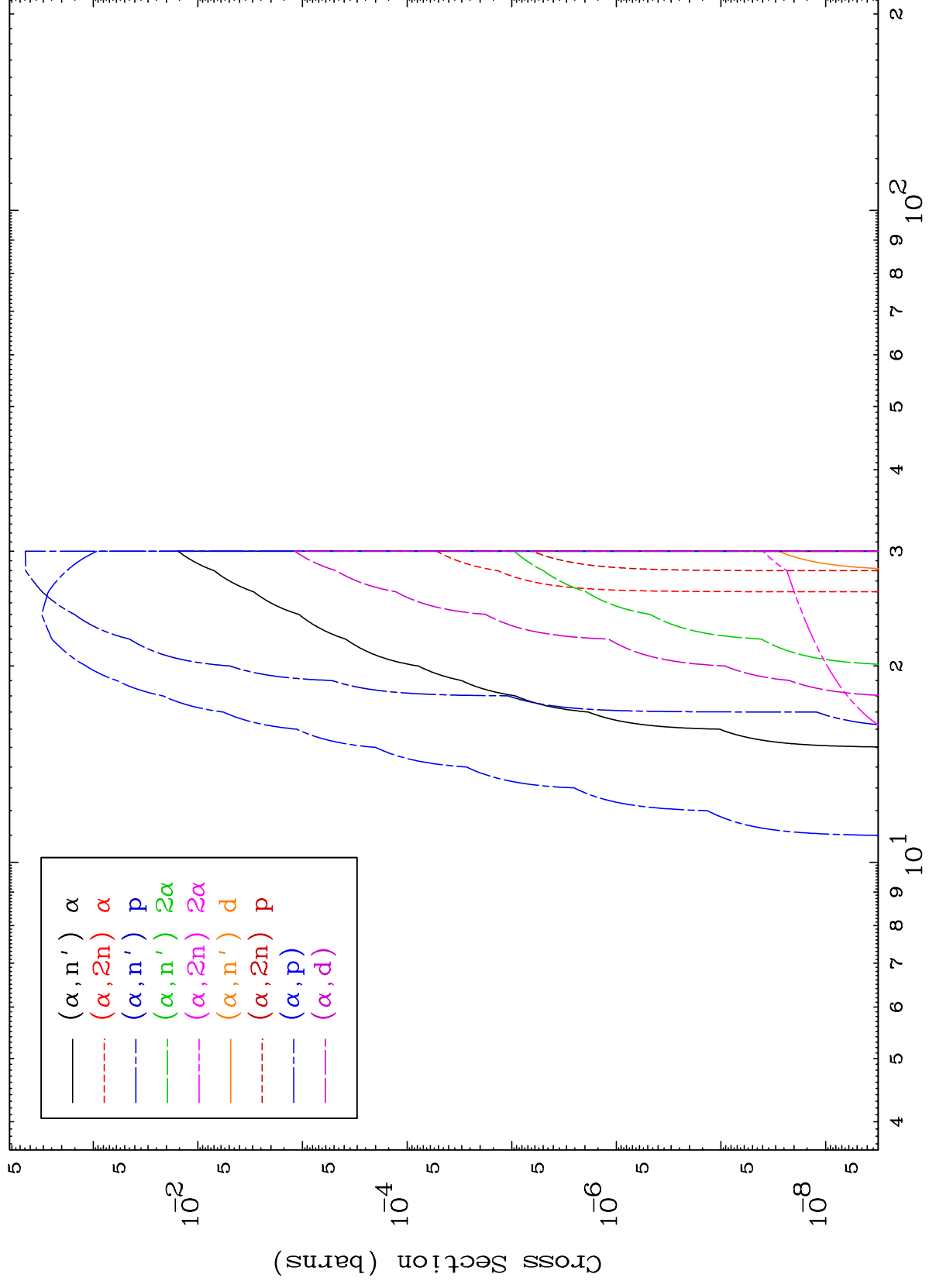


1

Incident Energy (MeV)

71-Lu-158

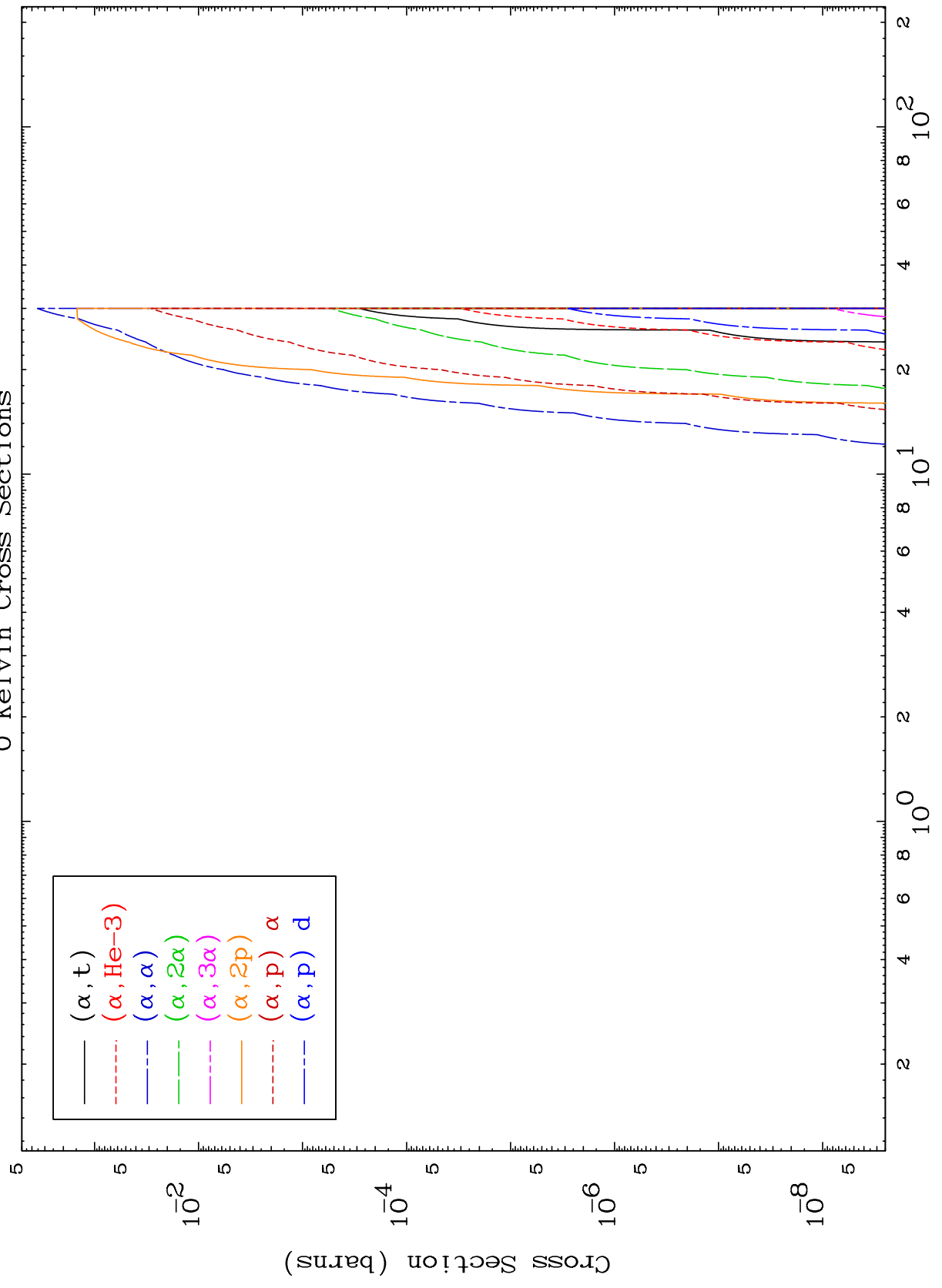




MAT 7074

α Charged Particle
0 Kelvin Cross Sections

71-Lu-158

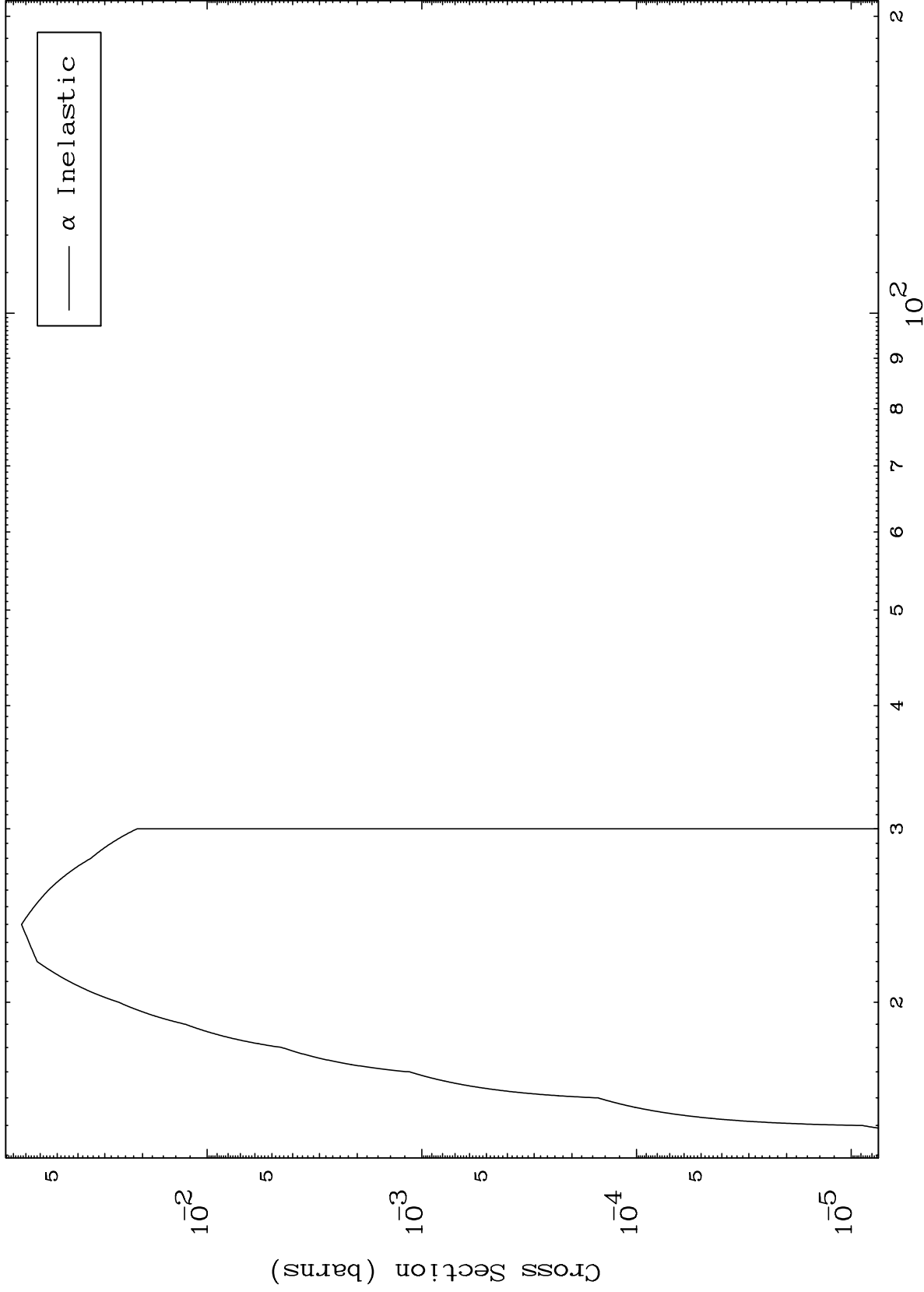


MAT 7074

(α, n') Level

71-Lu-158

0 Kelvin Cross Sections



5

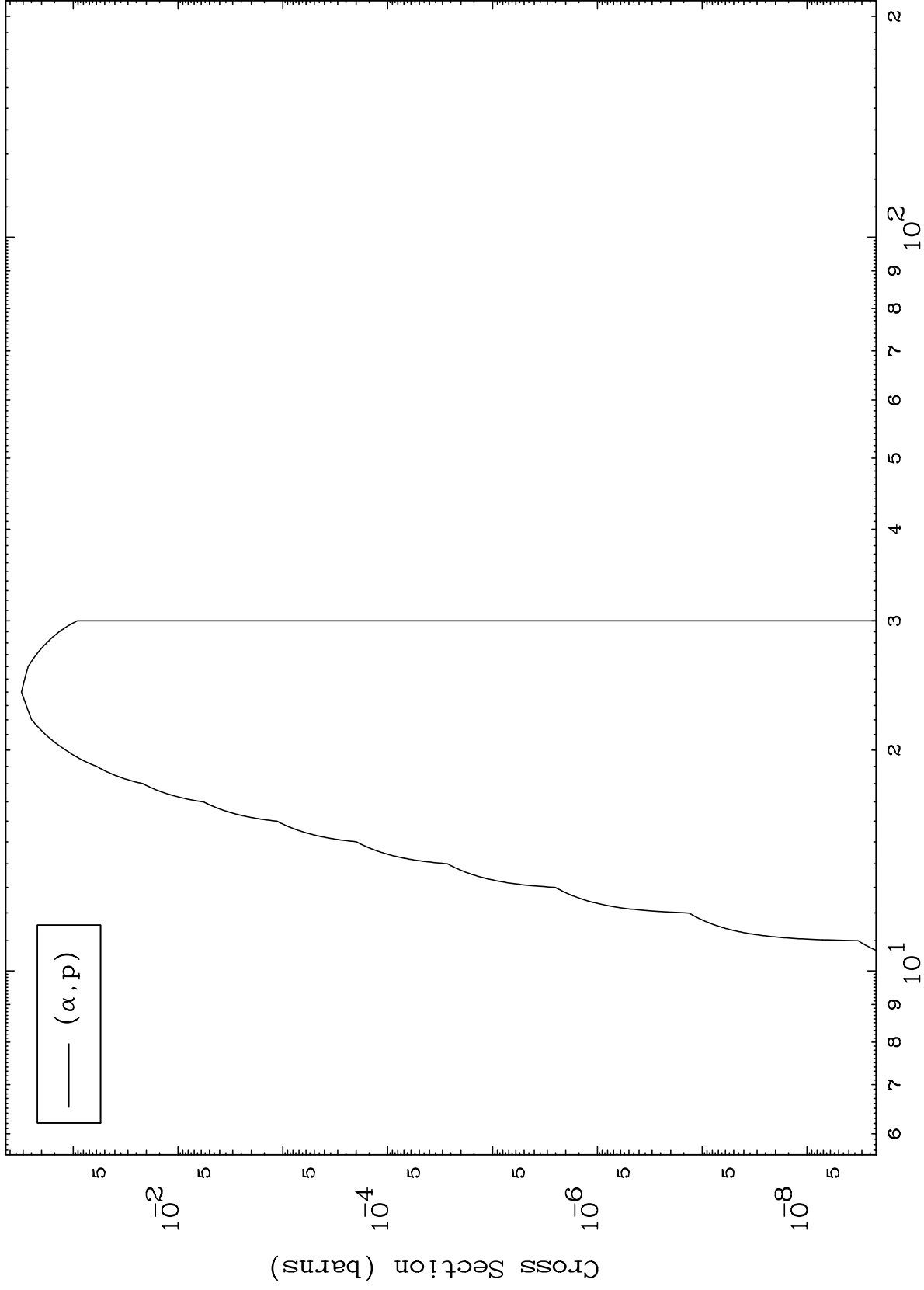
Incident Energy (MeV)

71-Lu-158

MAT 7074

(α, p) Levels
0 Kelvin Cross Sections

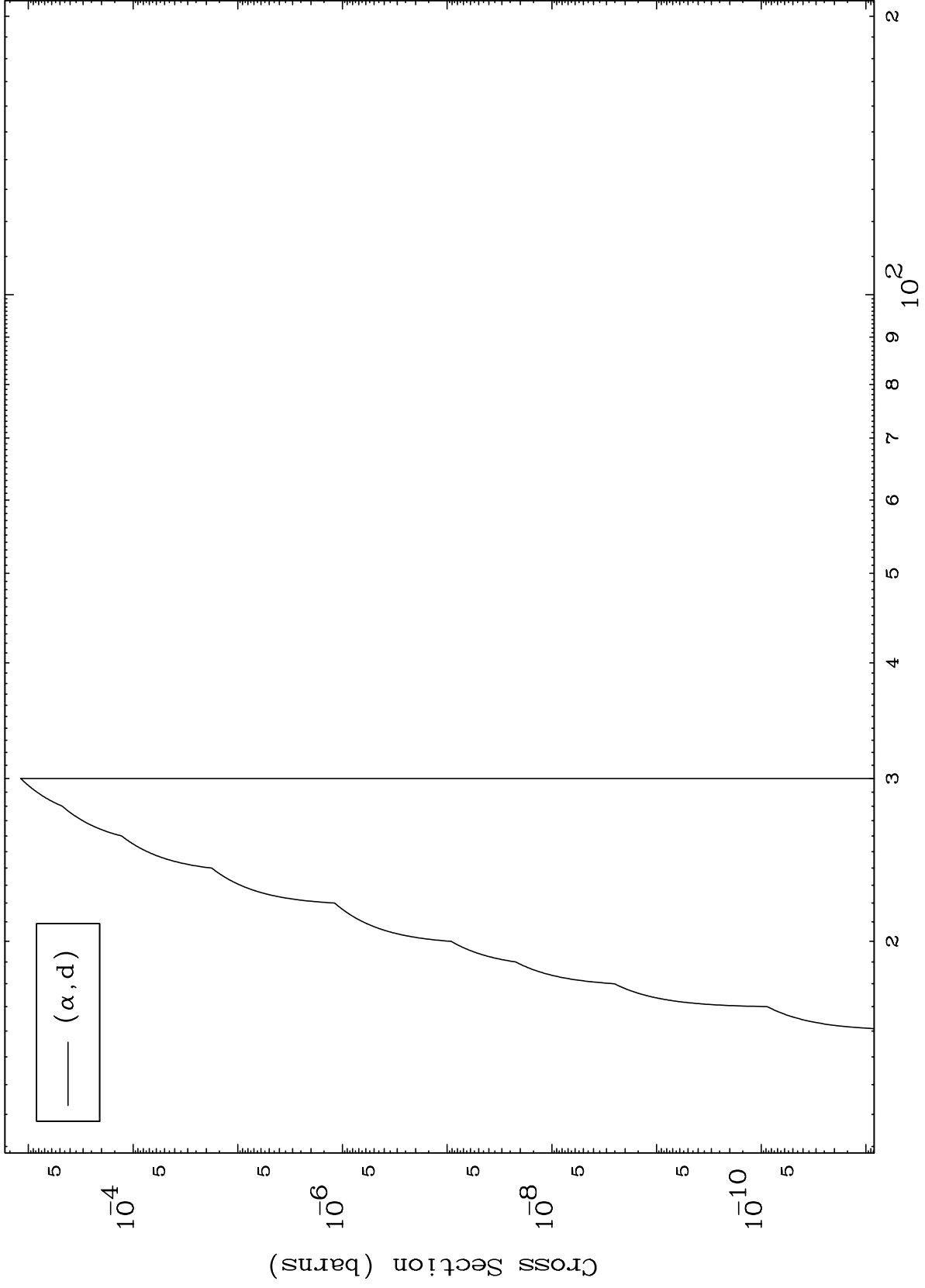
71-Lu-158

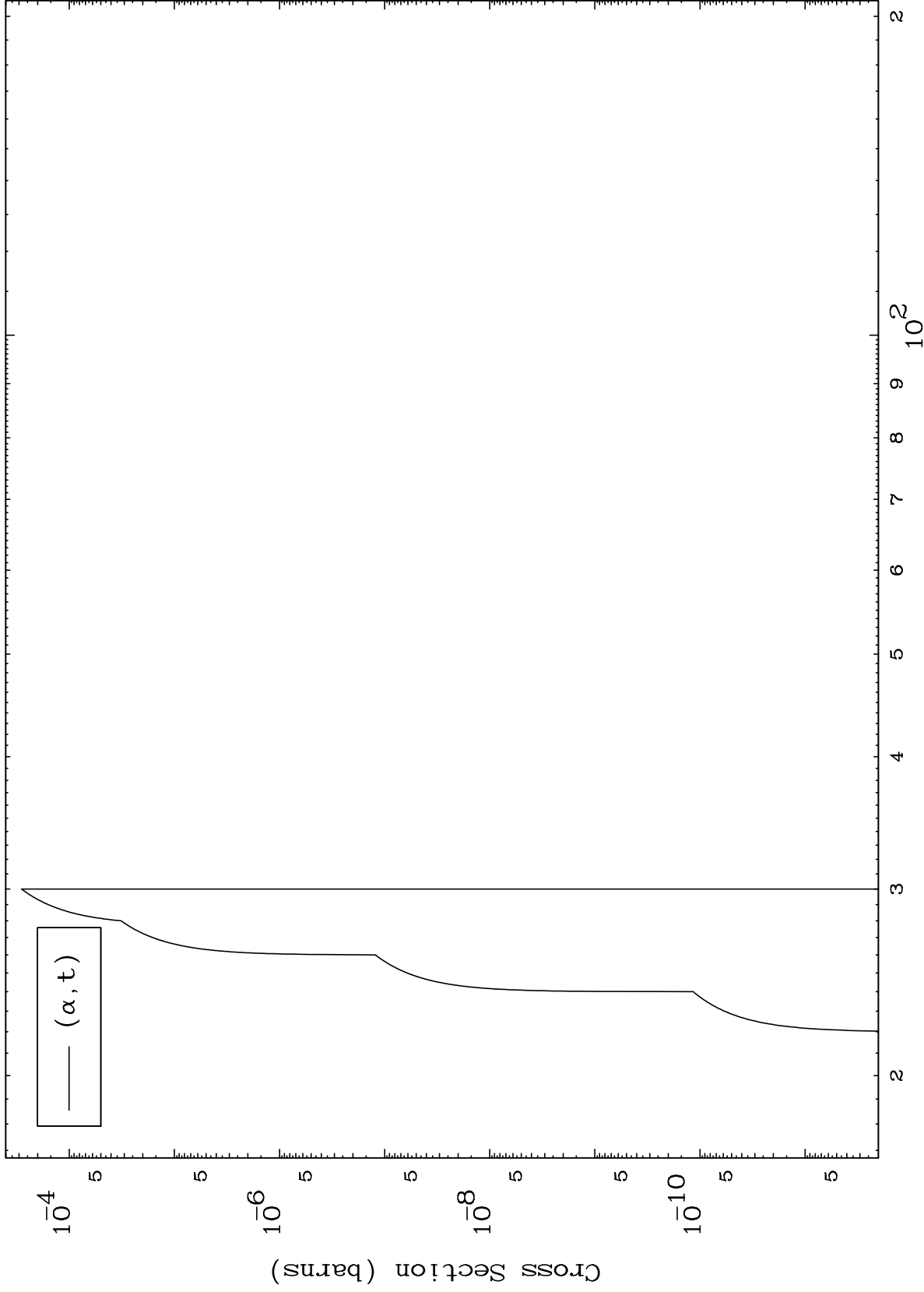


6

Incident Energy (MeV)

71-Lu-158

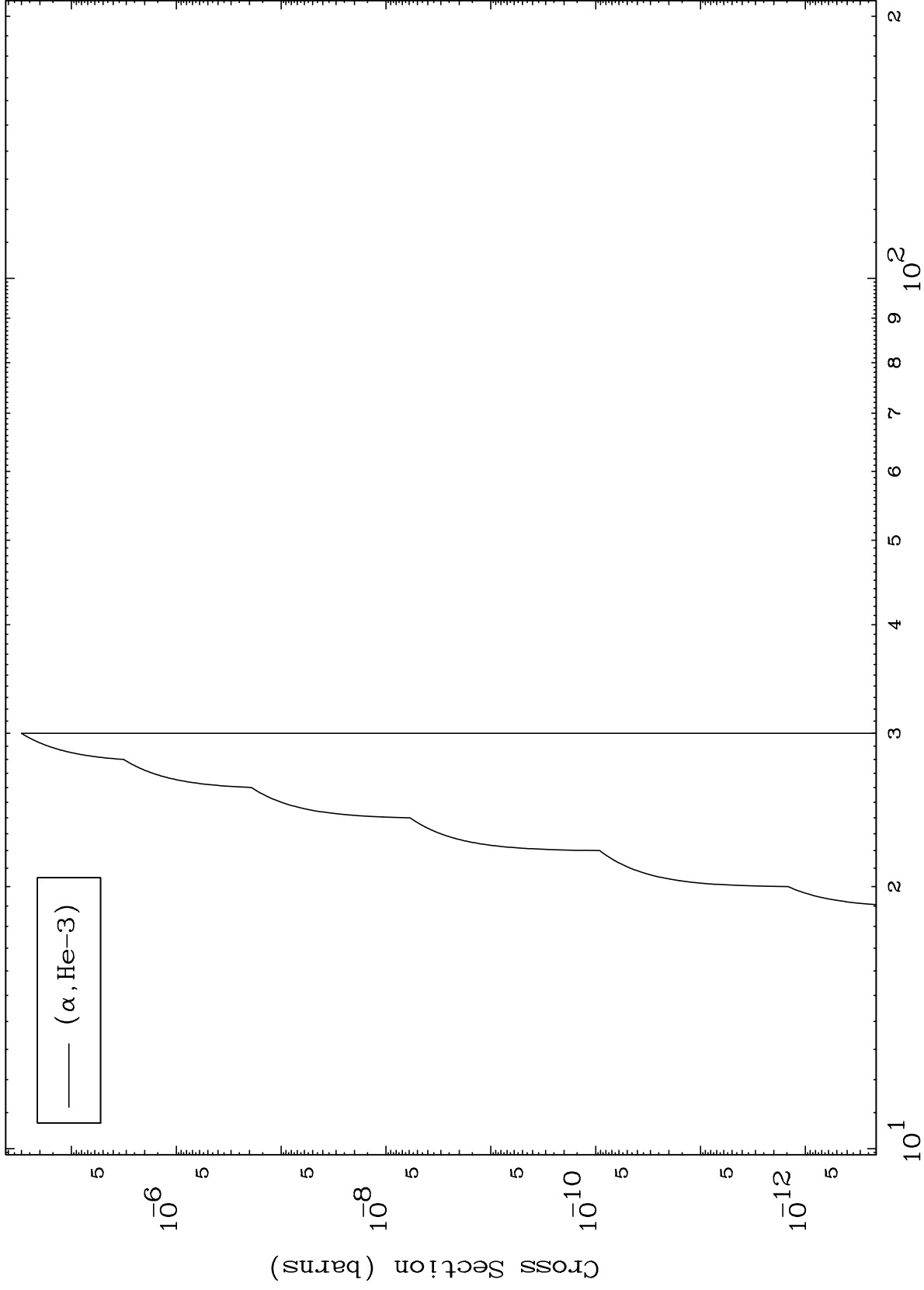




MAT 7074

(α , He3) Levels
0 Kelvin Cross Sections

71-Lu-158



Incident Energy (MeV)

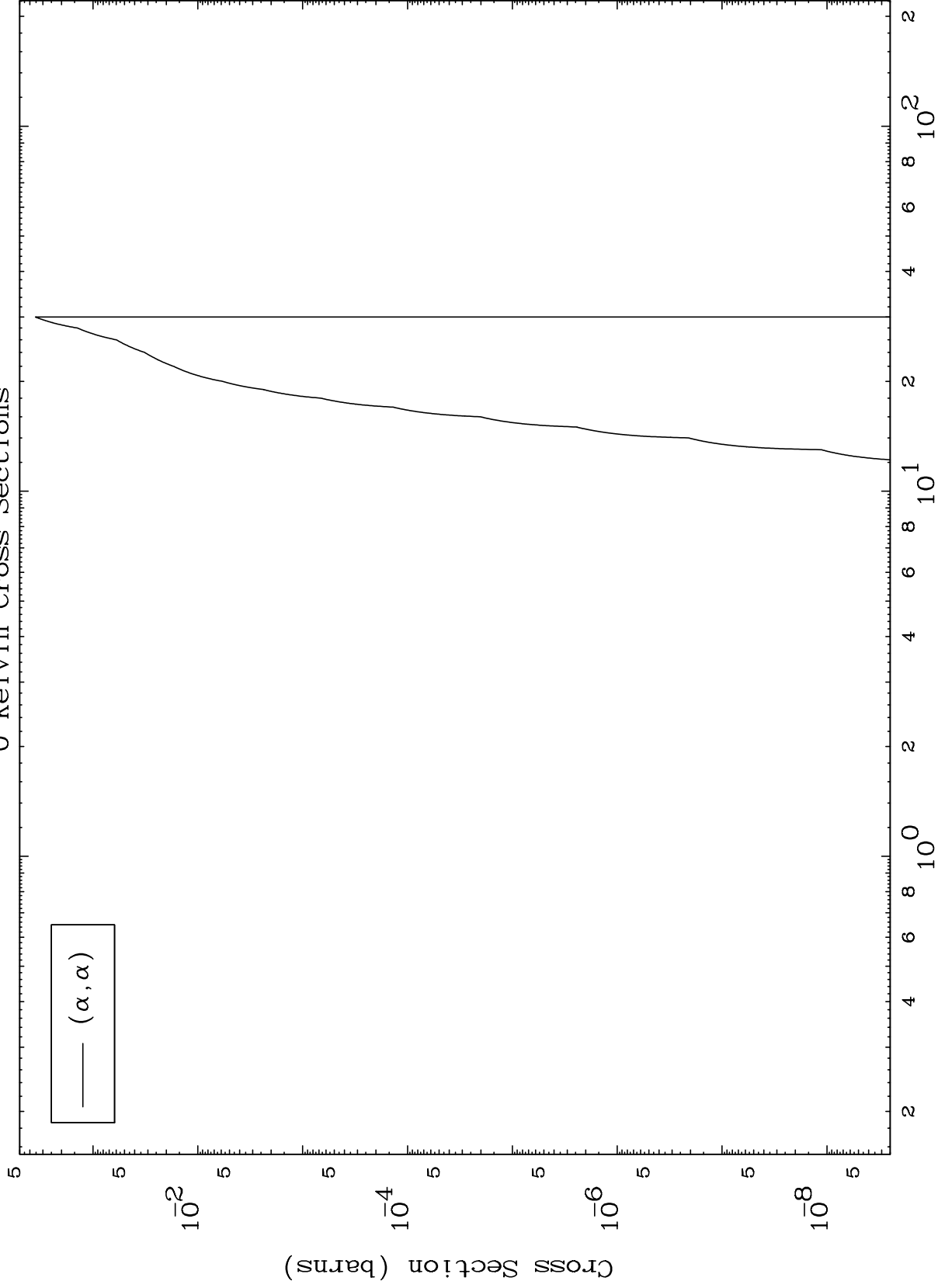
71-Lu-158

MAT 7074

(α, α) Levels

71-Lu-158

0 Kelvin Cross Sections

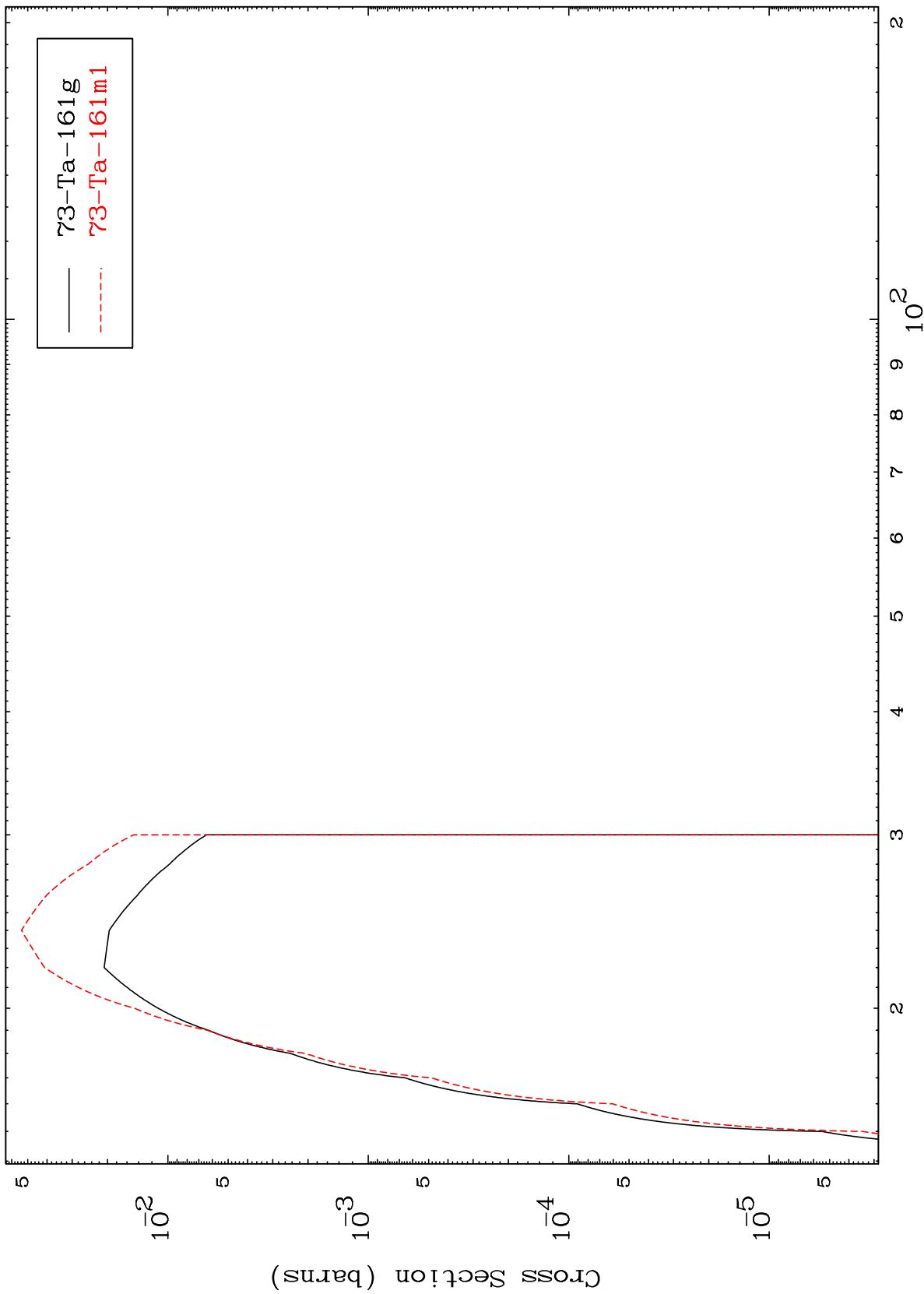


10

Incident Energy (MeV)

71-Lu-158

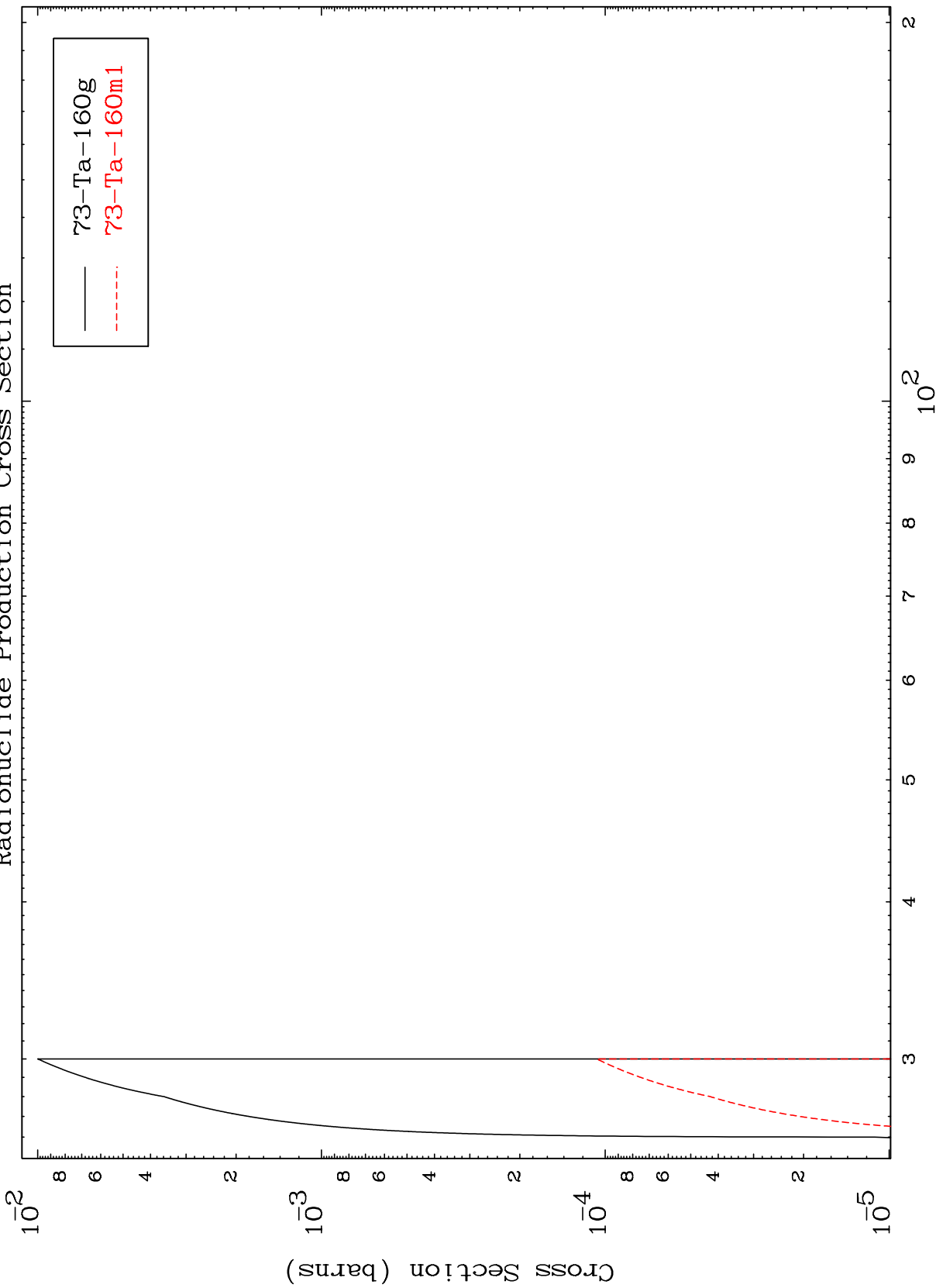
α Inelastic
Radionuclide Production Cross Section



MAT 7074

71-Lu-158

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



12

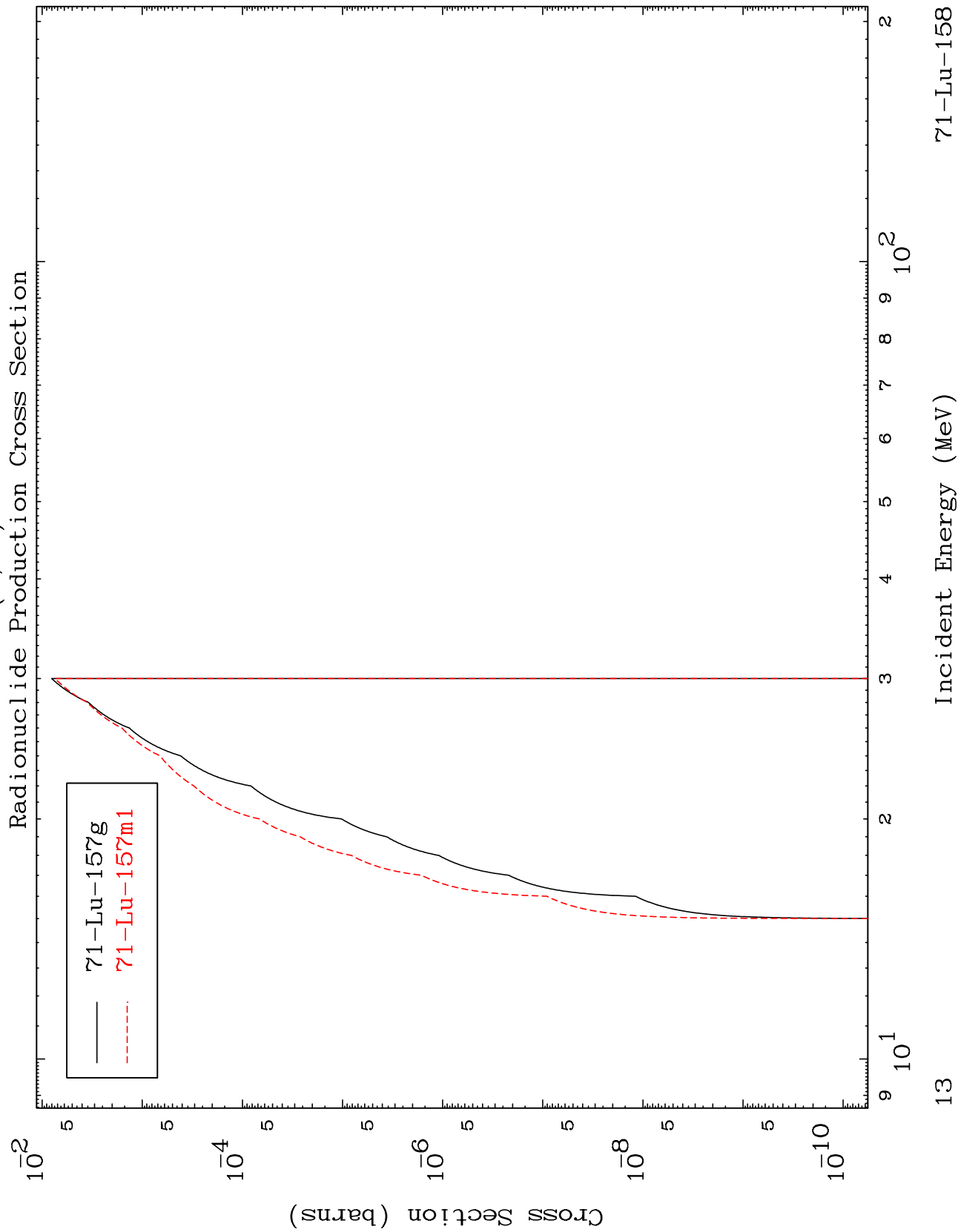
Incident Energy (MeV)

71-Lu-158

MAT 7074

(α, n') α

⁷¹Lu-158



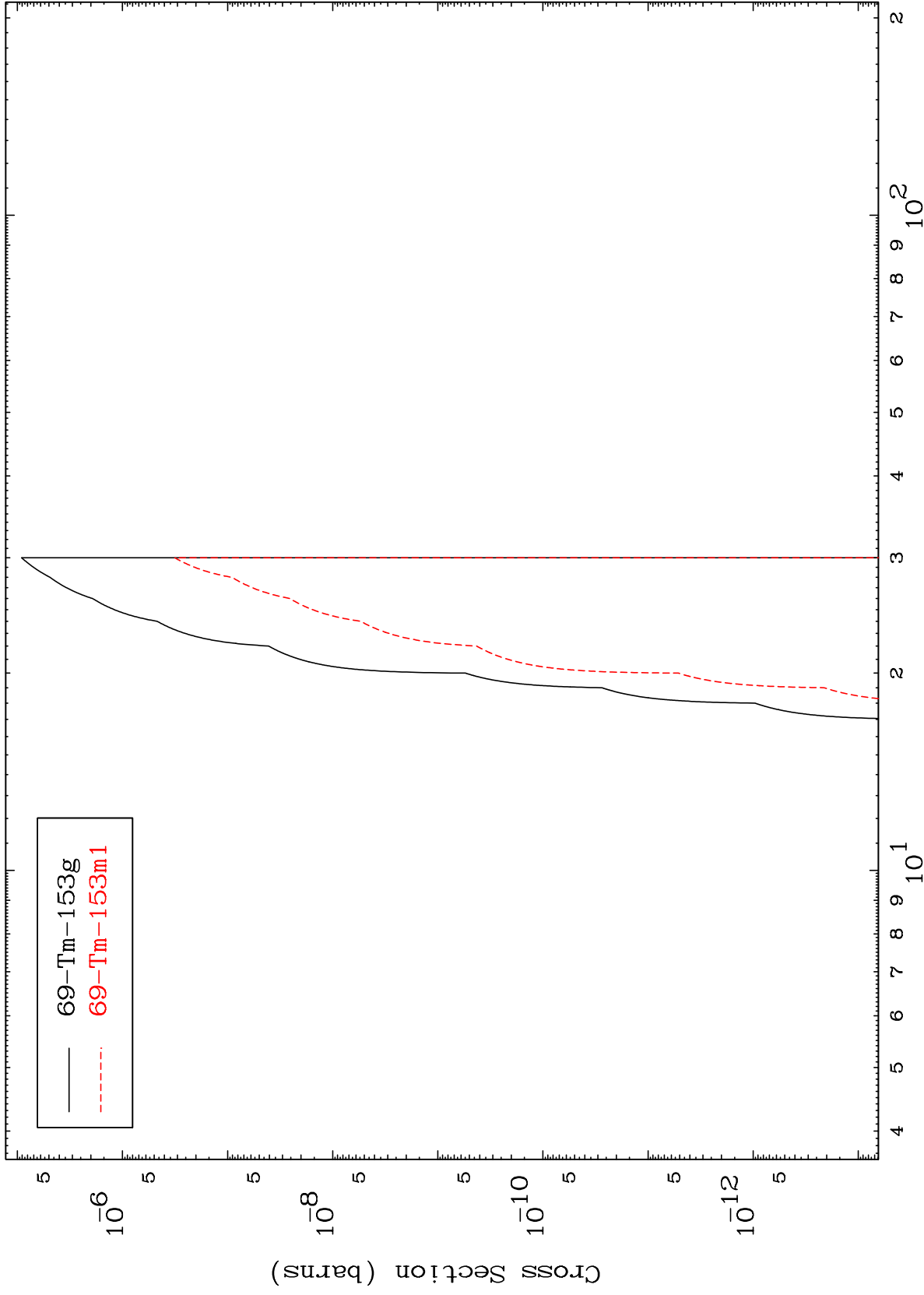
13

MAT 7074

(α, n') 2α

71-Lu-158

Radionuclide Production Cross Section



14

Incident Energy (MeV)

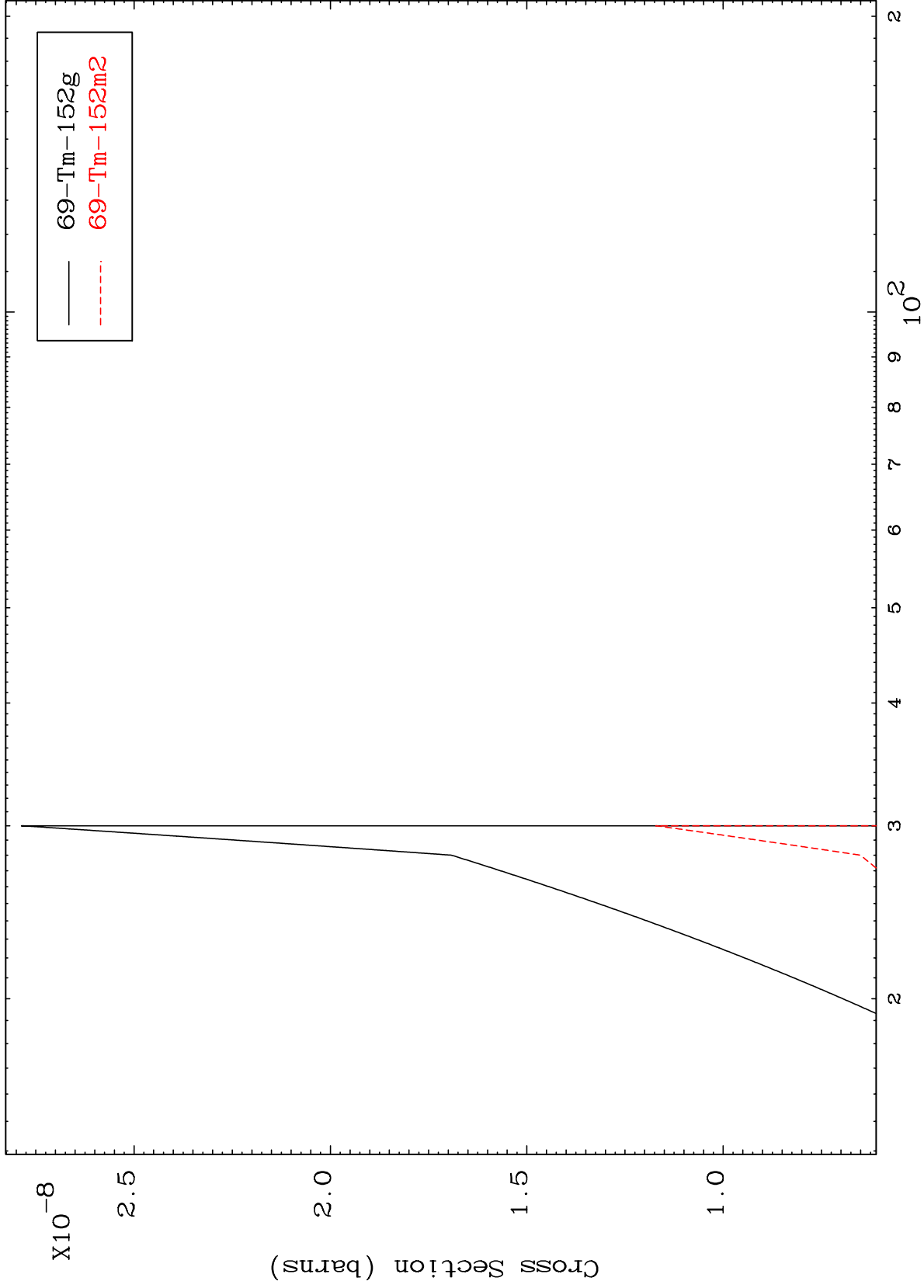
71-Lu-158

MAT 7074

($\alpha, 2n$) 2α

71-Lu-158

Radionuclide Production Cross Section



15

Incident Energy (MeV)

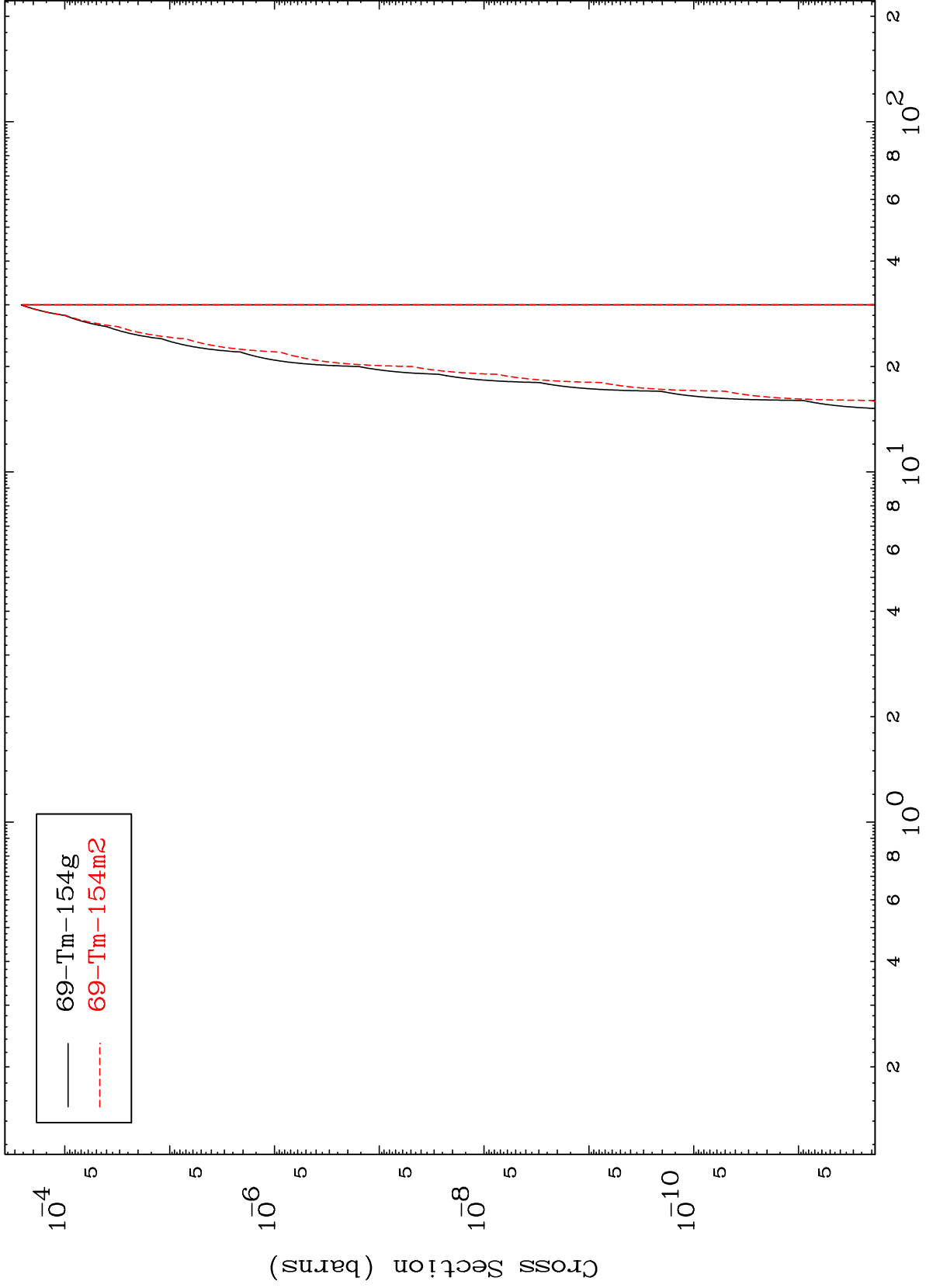
71-Lu-158

MAT 7074

($\alpha, 2\alpha$)

71-Lu-158

Radionuclide Production Cross Section



16

Incident Energy (MeV)

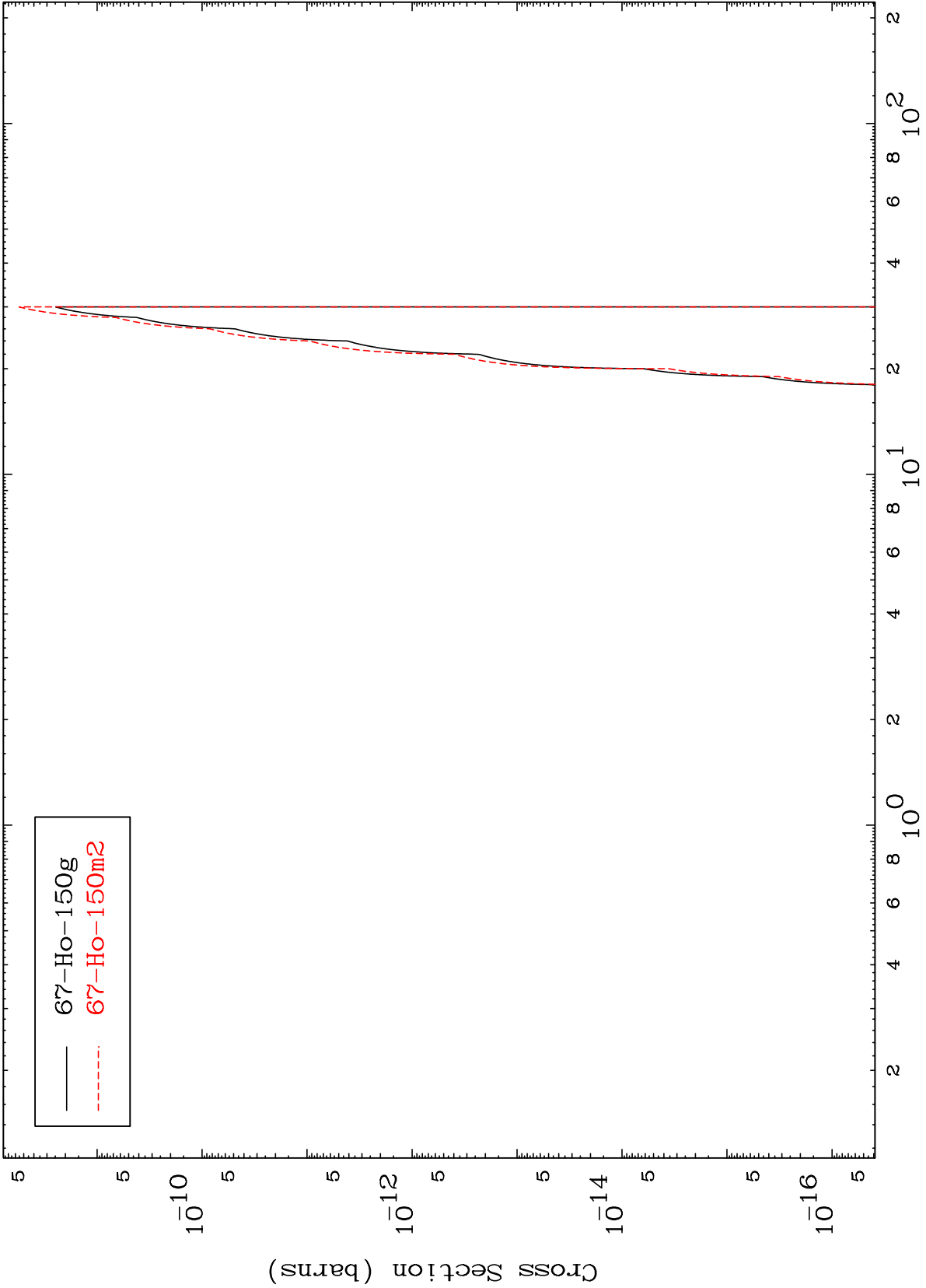
71-Lu-158

MAT 7074

($\alpha, 3\alpha$)

⁷¹Lu-158

Radionuclide Production Cross Section

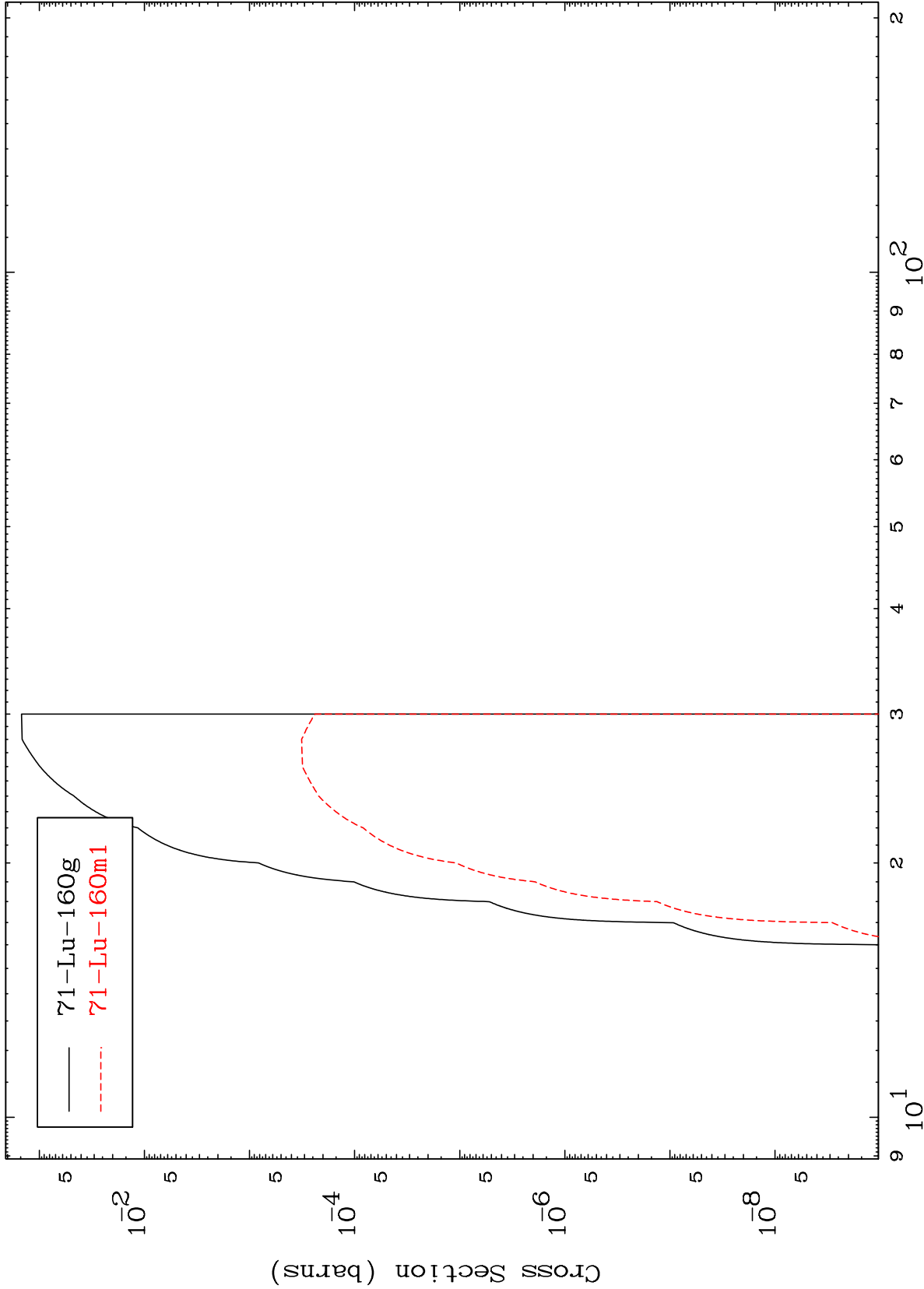


— 67-Ho-150g
- - - 67-Ho-150m2

MAT 7074

71-Lu-158

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



71-Lu-158

Incident Energy (MeV)

18