

Program EVALPLOT
(Version 2018-1)

by

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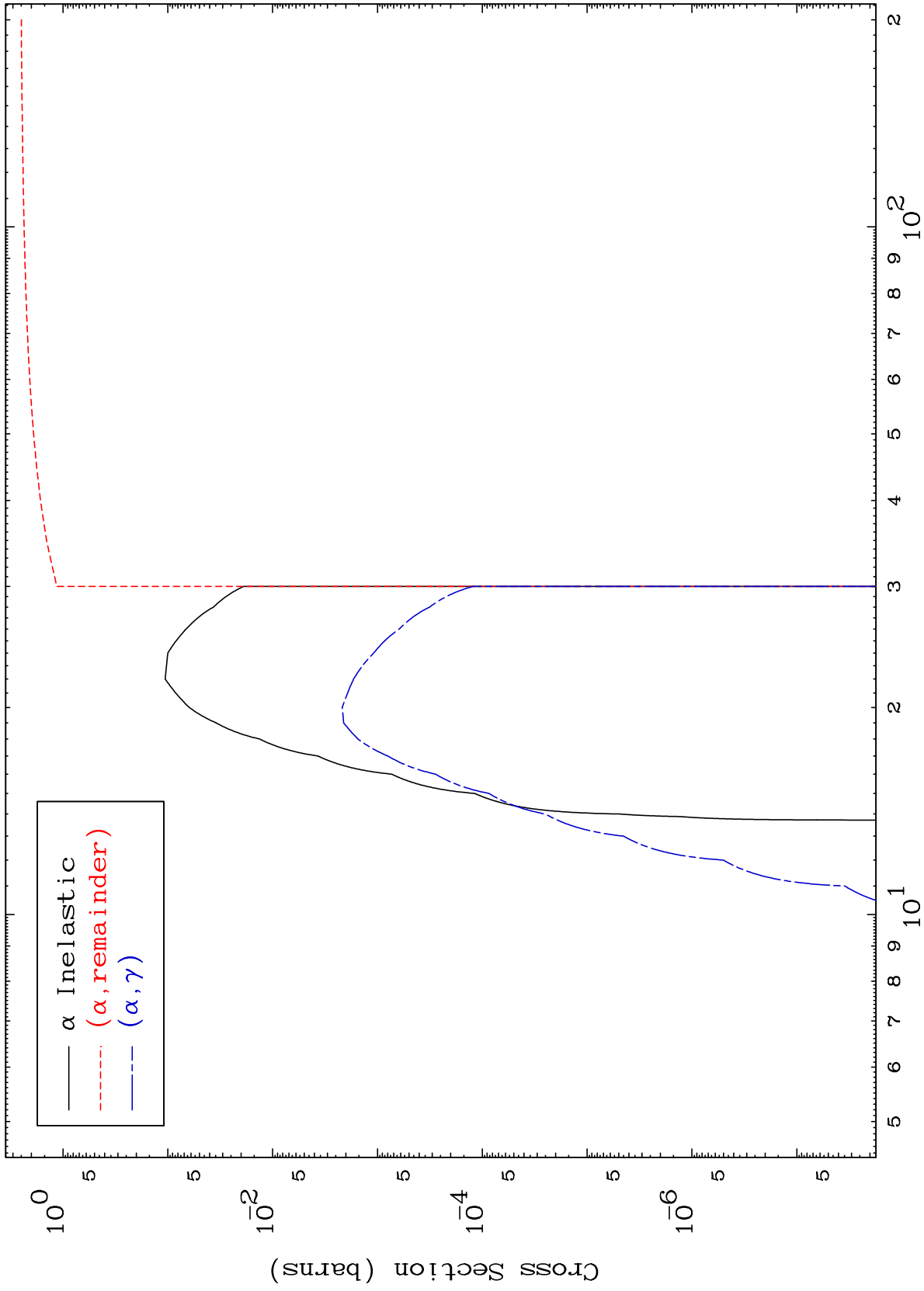
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7080

0 Kelvin α Major
Cross Sections

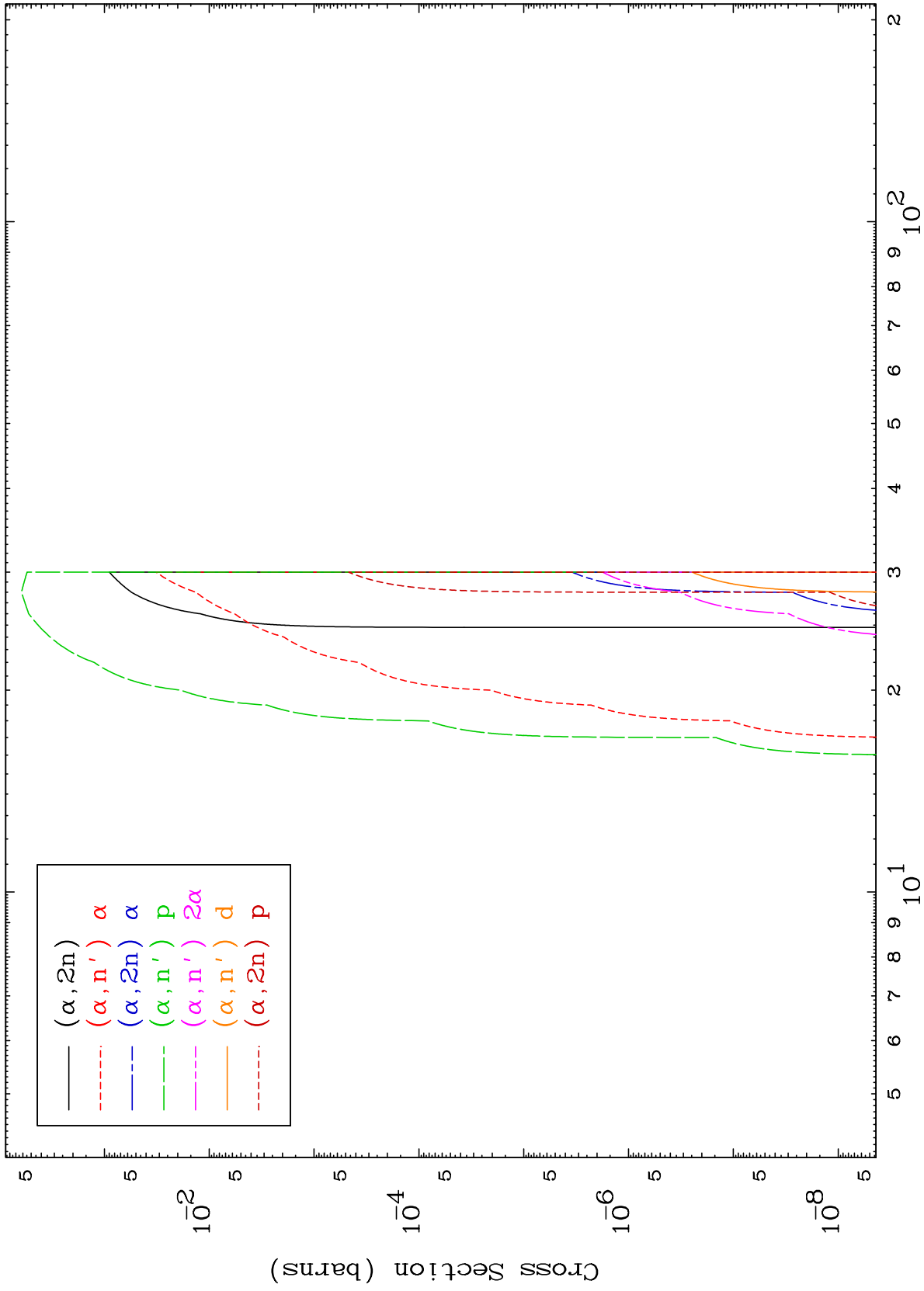
71-Lu-160



MAT 7080

α Neutron Production
0 Kelvin Cross Sections

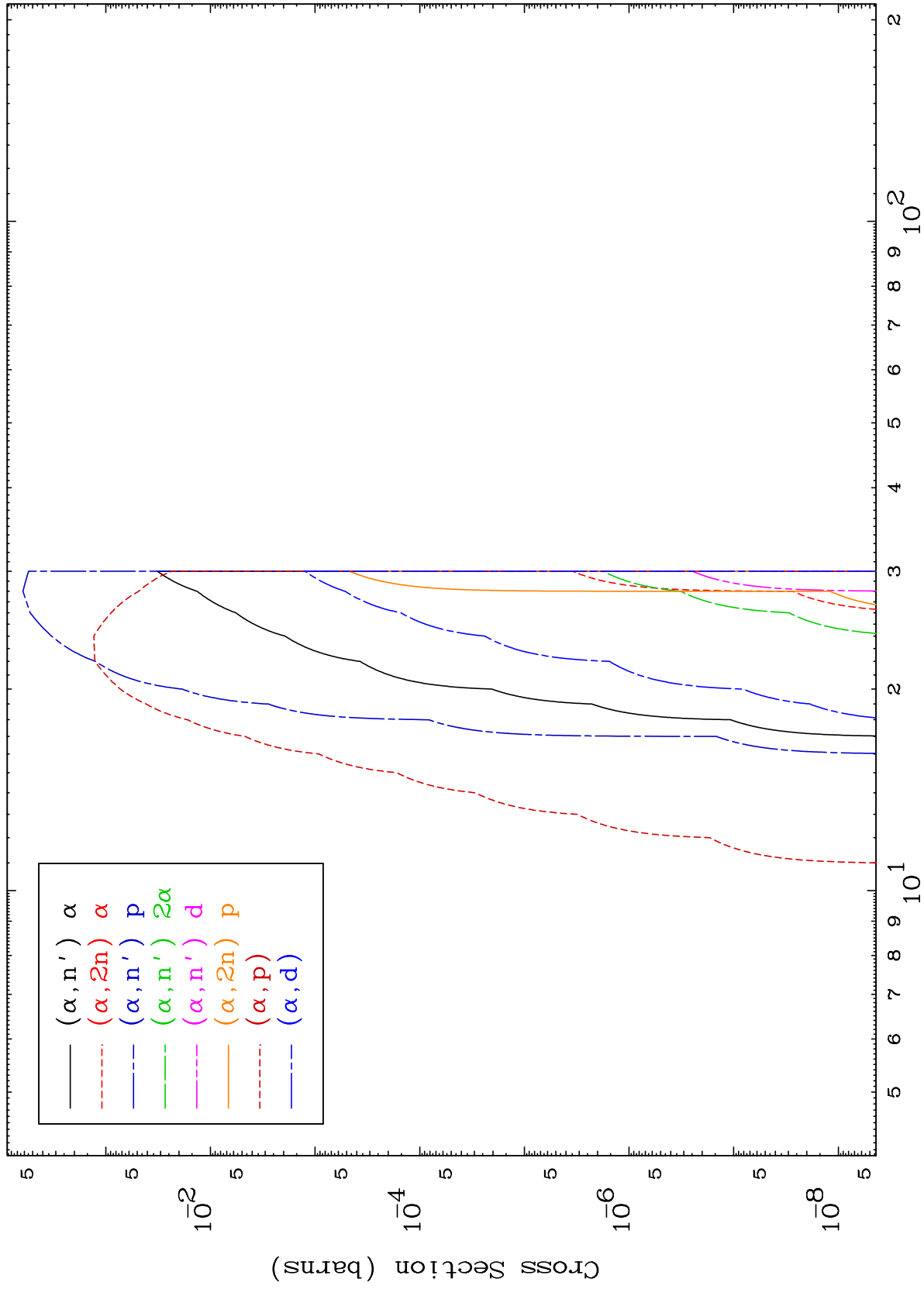
71-Lu-160



2

Incident Energy (MeV)

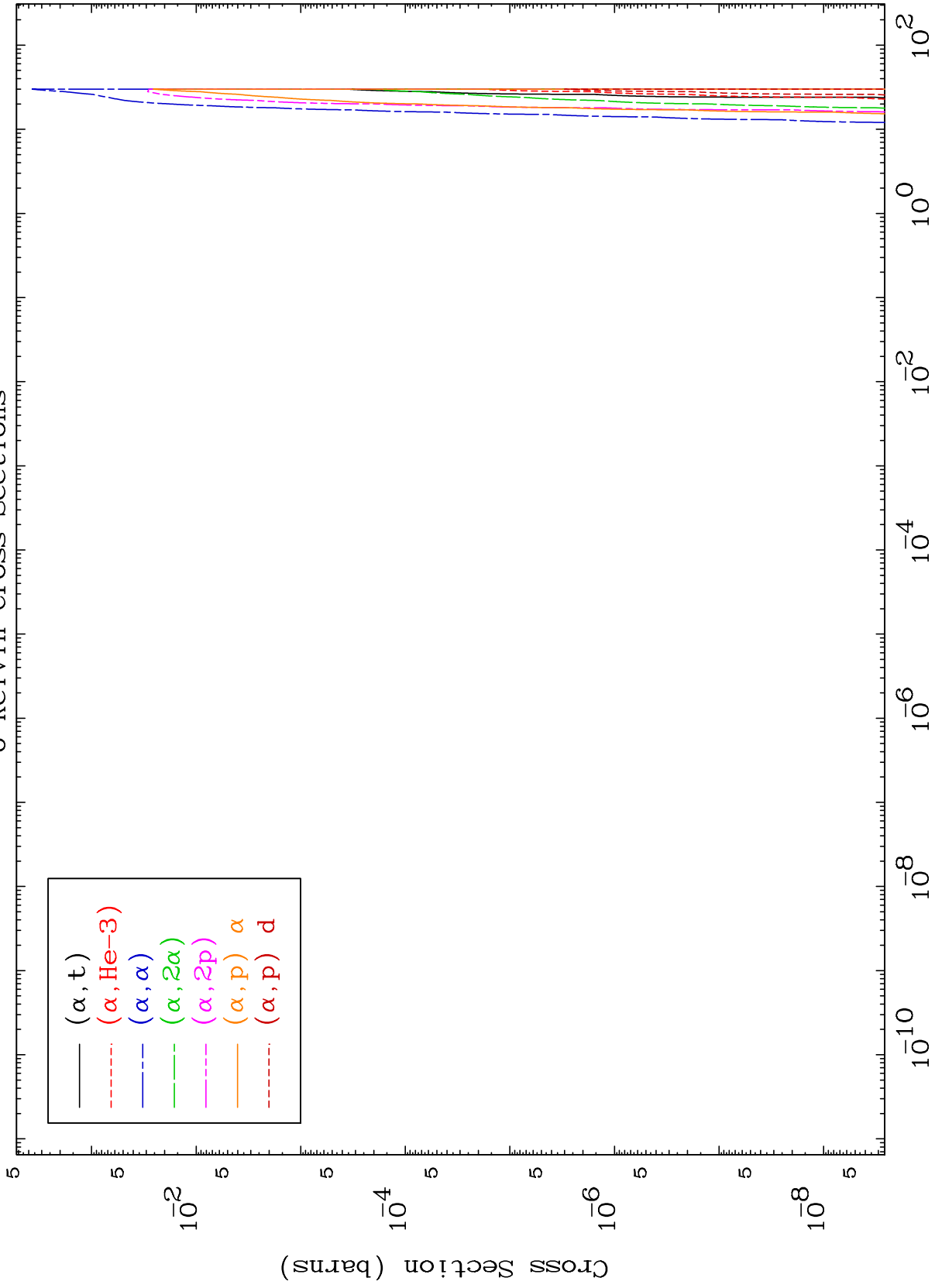
71-Lu-160



MAT 7080

α Charged Particle
0 Kelvin Cross Sections

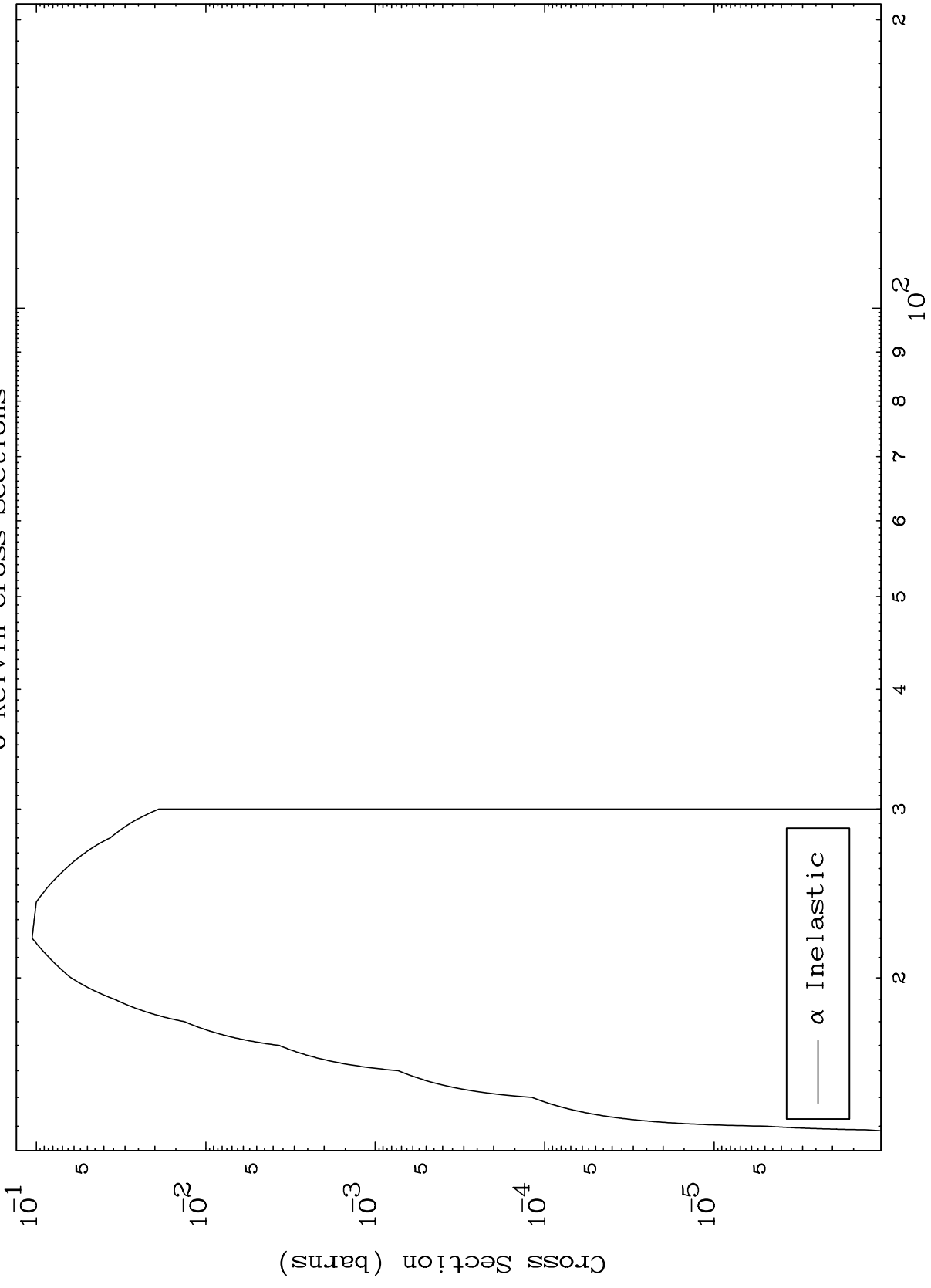
71-Lu-160



MAT 7080

(α, n') Level
0 Kelvin Cross Sections

71-Lu-160



5

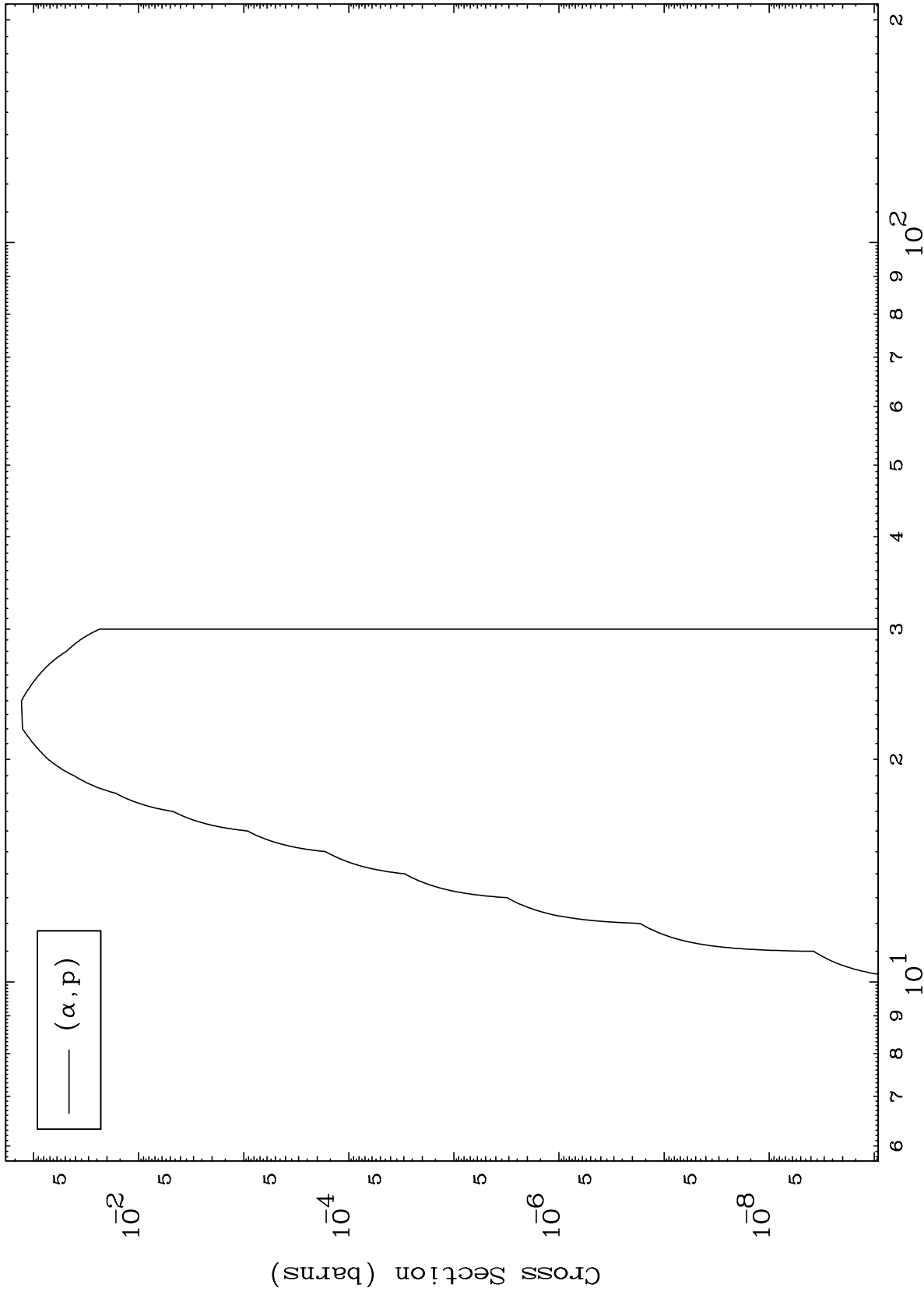
Incident Energy (MeV)

71-Lu-160

MAT 7080

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-160



6

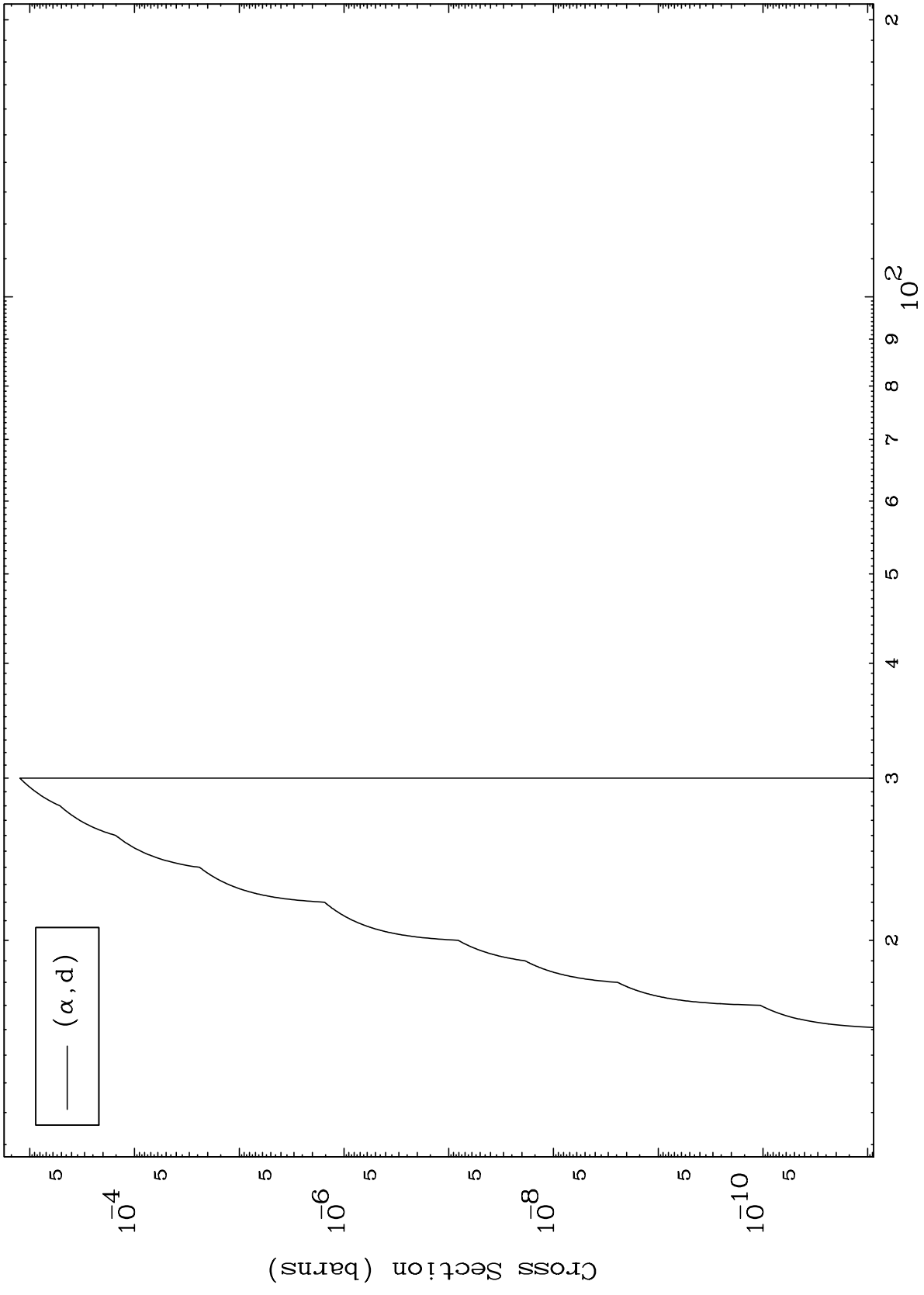
Incident Energy (MeV)

71-Lu-160

MAT 7080

(α, d) Levels
0 Kelvin Cross Sections

71-Lu-160



7

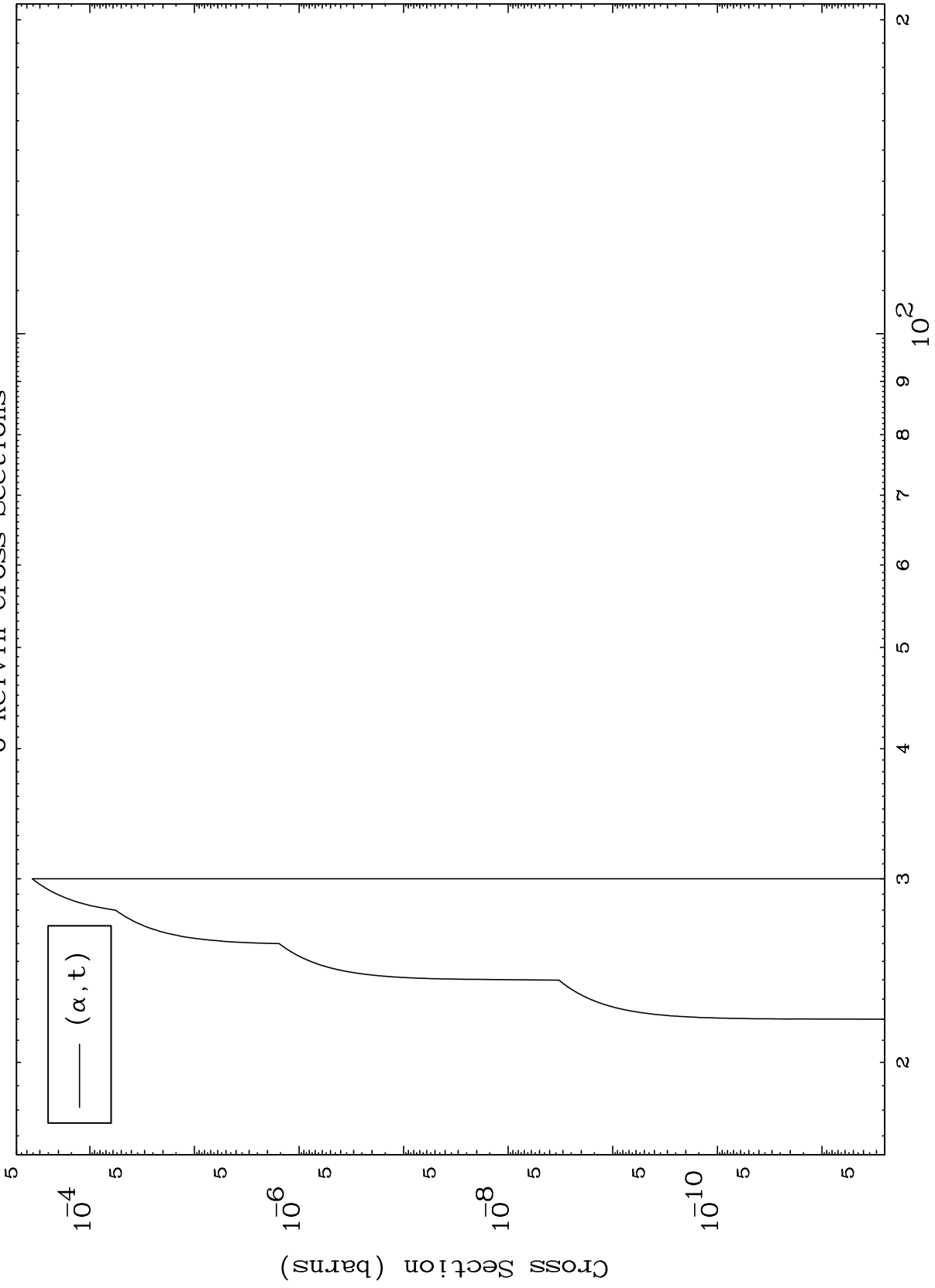
Incident Energy (MeV)

71-Lu-160

MAT 7080

(α, t) Levels
0 Kelvin Cross Sections

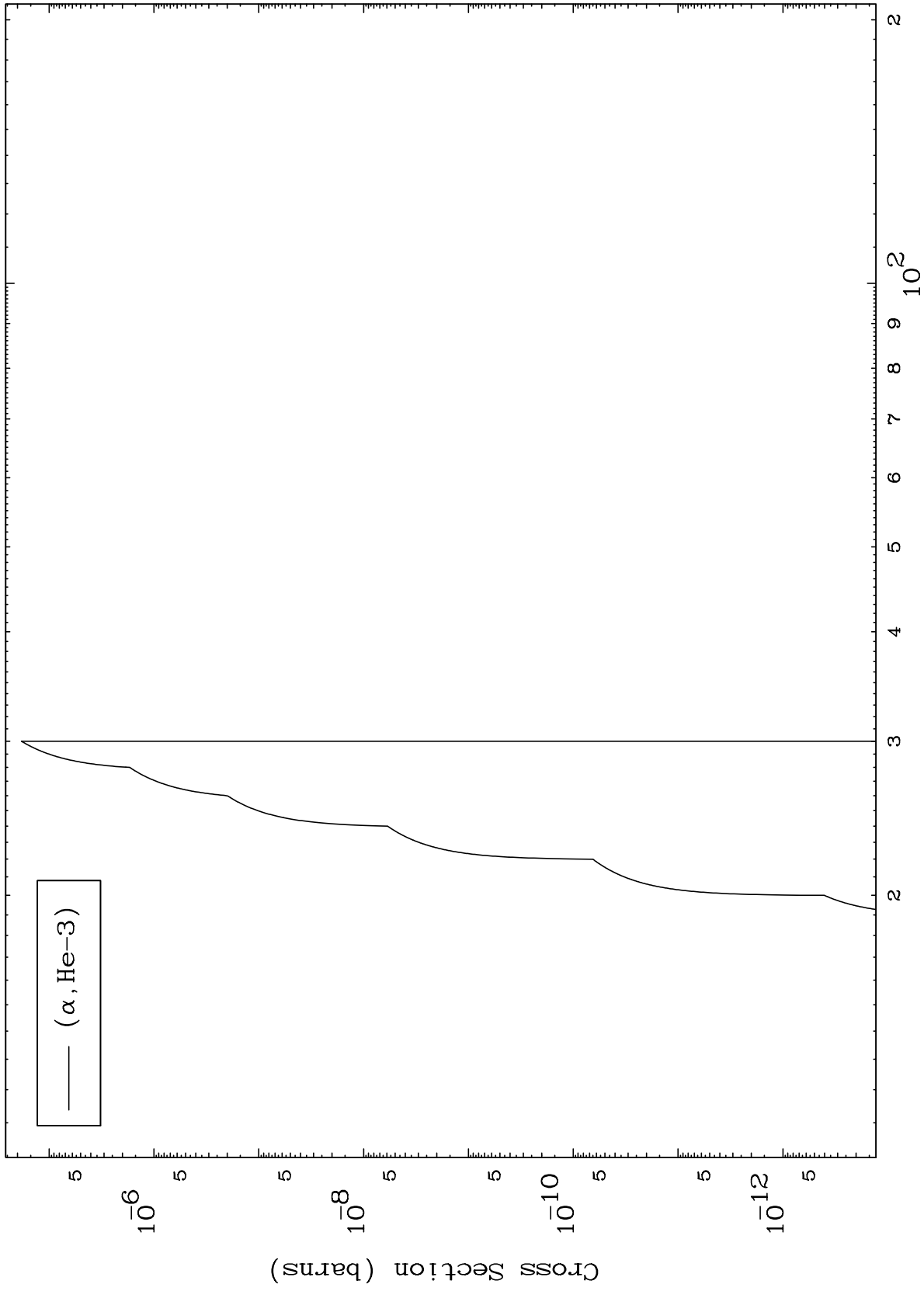
71-Lu-160



8

Incident Energy (MeV)

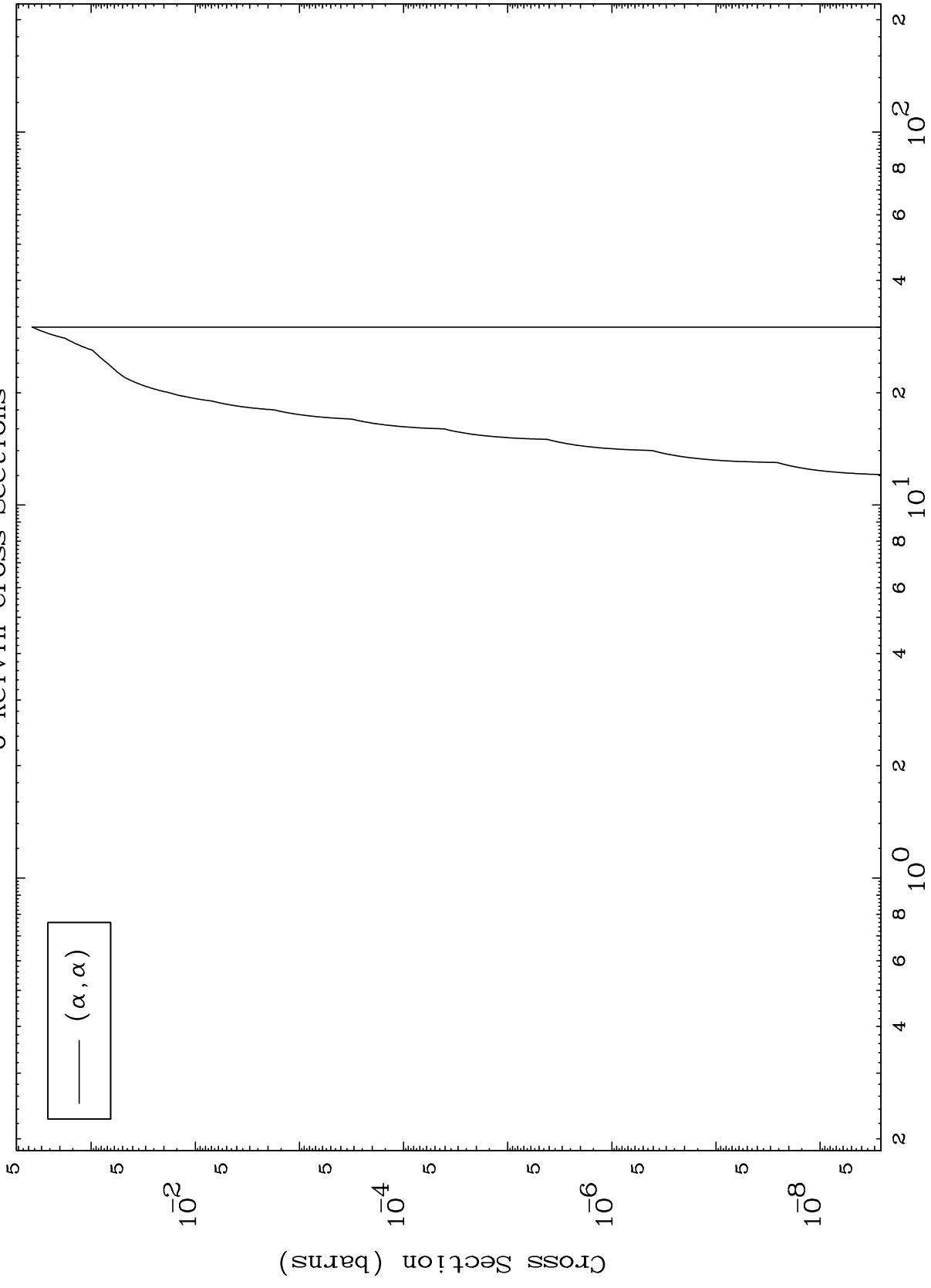
71-Lu-160



MAT 7080

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-160



10

Incident Energy (MeV)

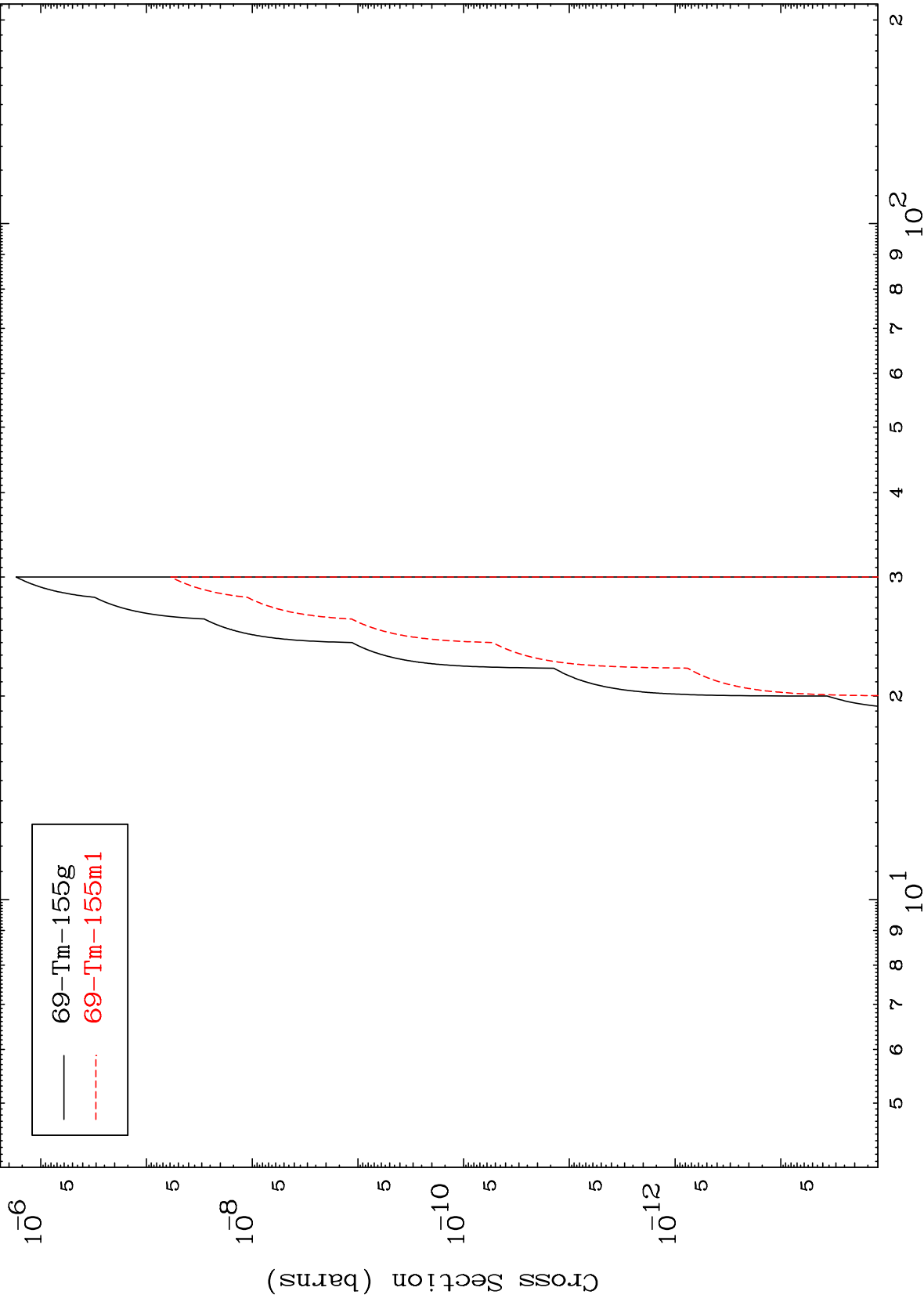
71-Lu-160

MAT 7080

(α, n') 2α

$^{71}\text{Lu-160}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

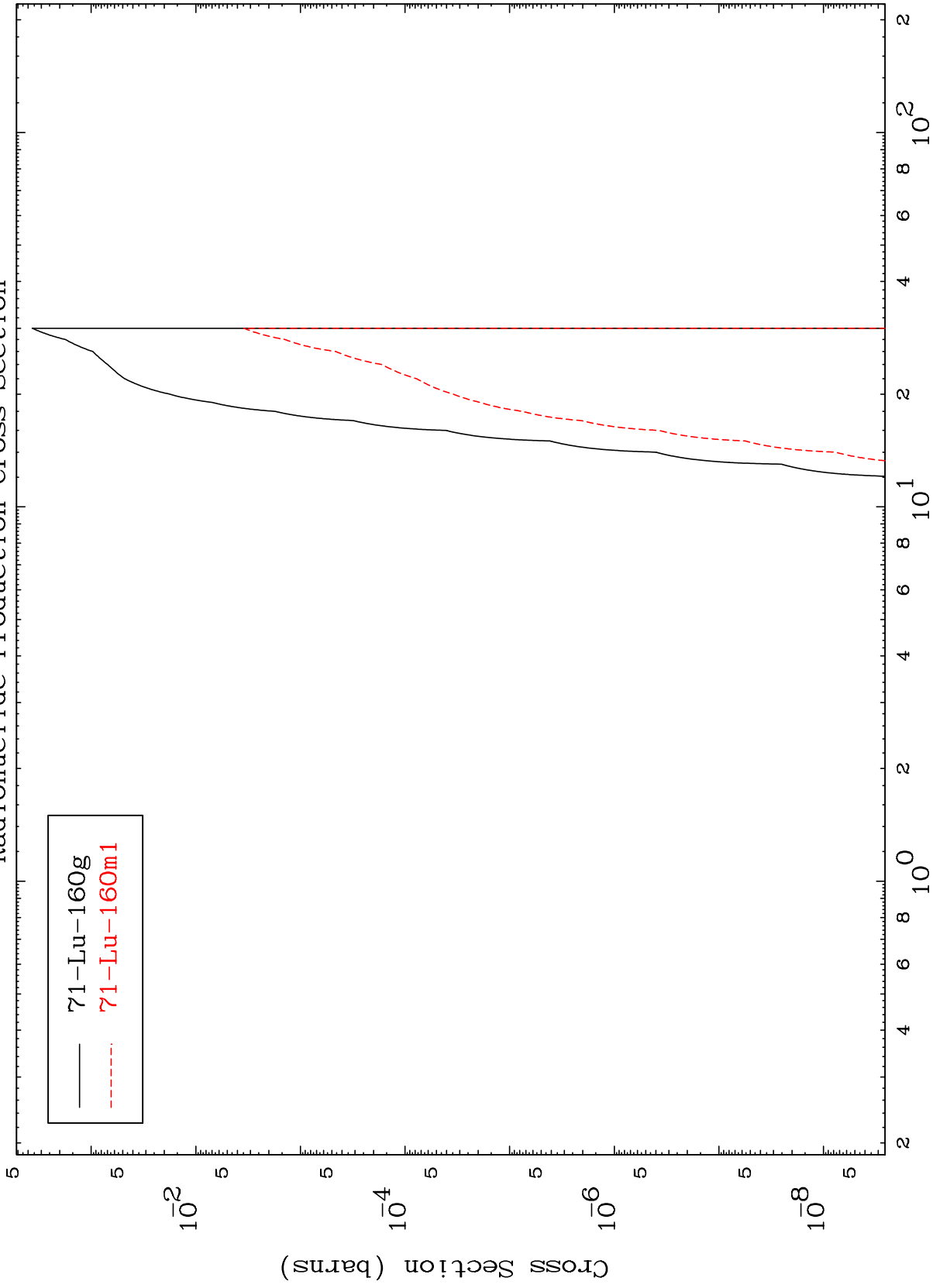
$^{71}\text{Lu-160}$

MAT 7080

(α, α)

⁷¹Lu-160

Radionuclide Production Cross Section



— ⁷¹Lu-160g
- - - ⁷¹Lu-160m1

12

Incident Energy (MeV)

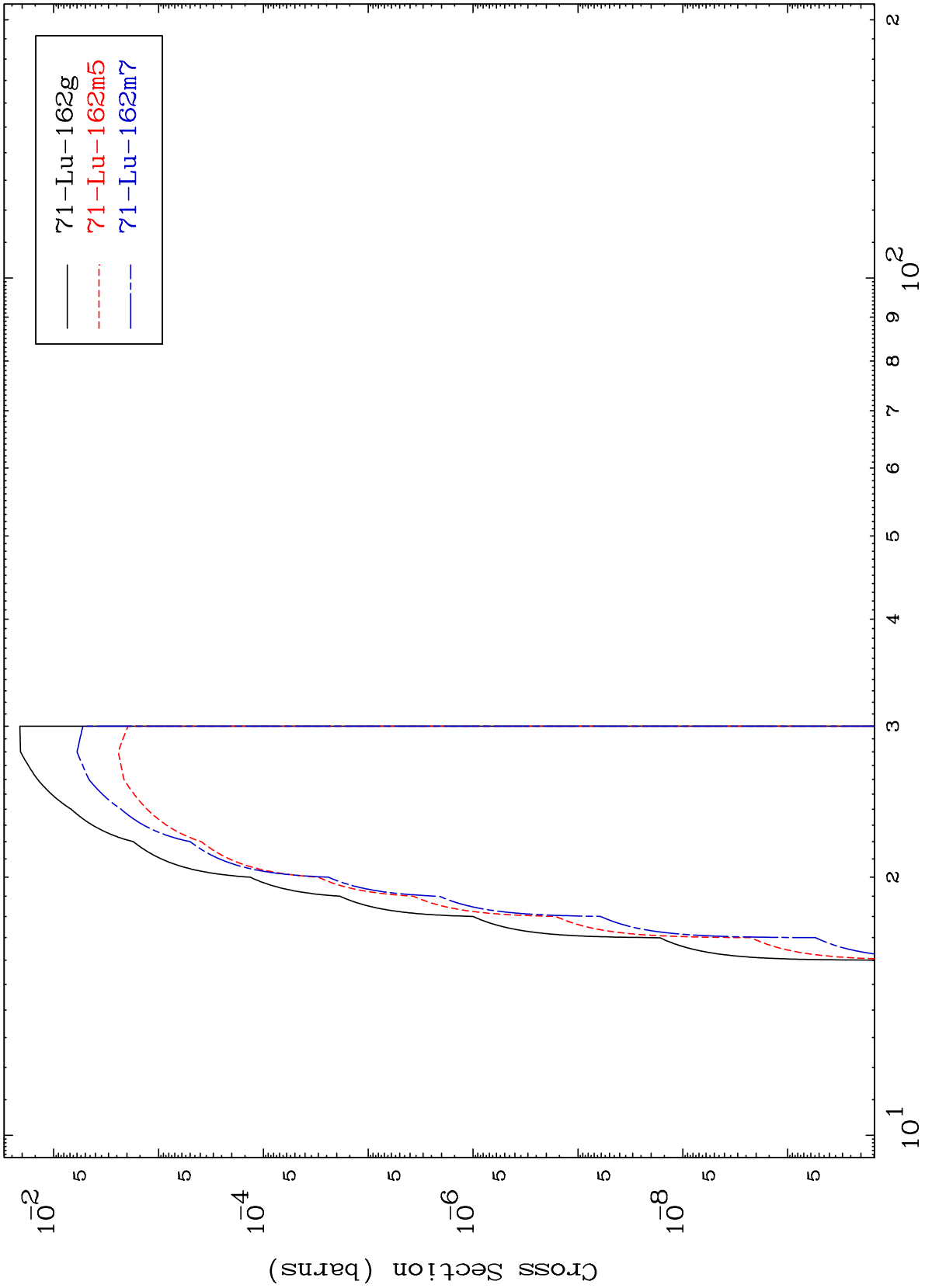
⁷¹Lu-160

MAT 7080

($\alpha, 2p$)

⁷¹Lu-160

Radionuclide Production Cross Section



13

Incident Energy (MeV)

⁷¹Lu-160