

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

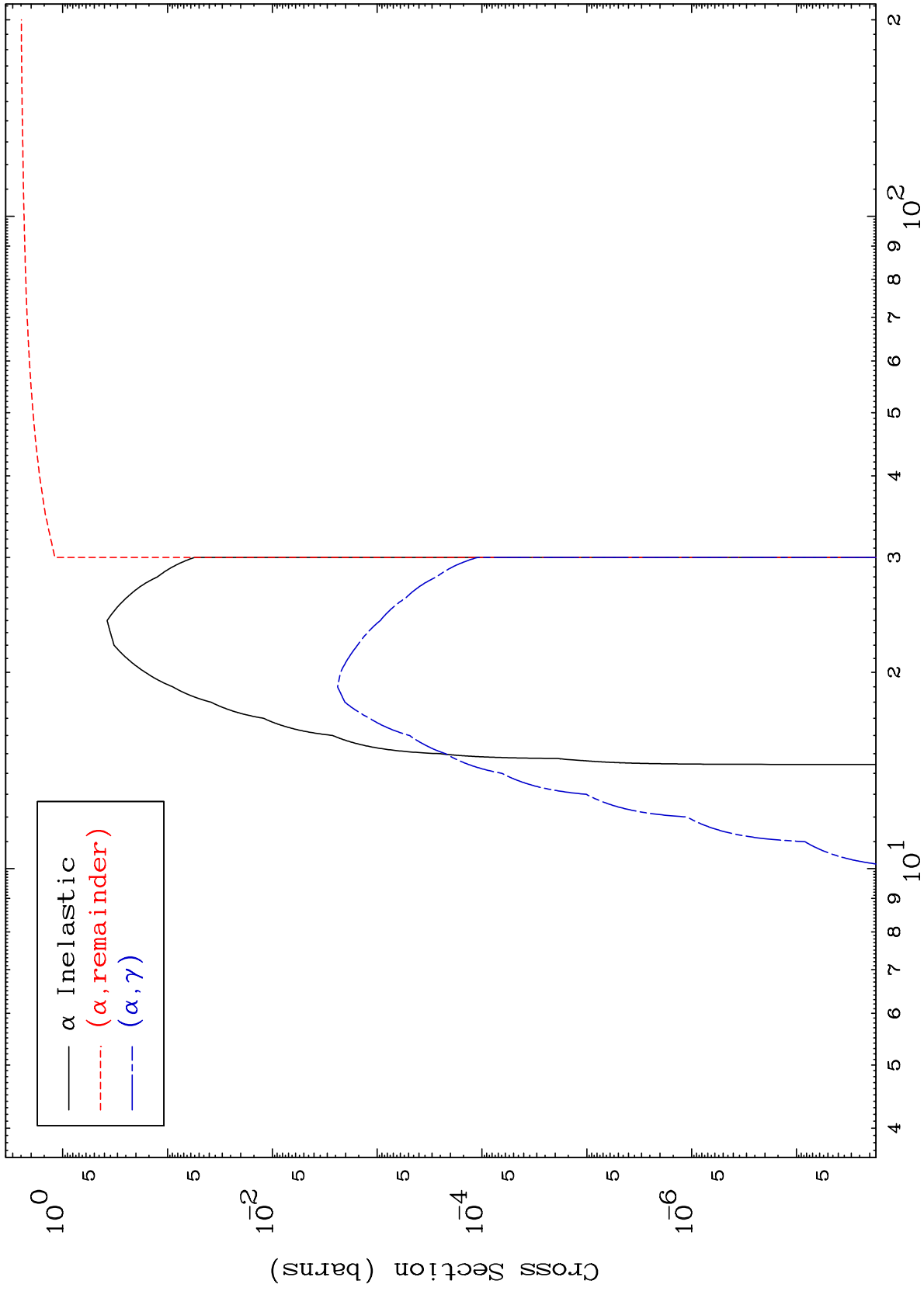
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6889

0 Kelvin α Major Cross Sections

69-Tm-157



1

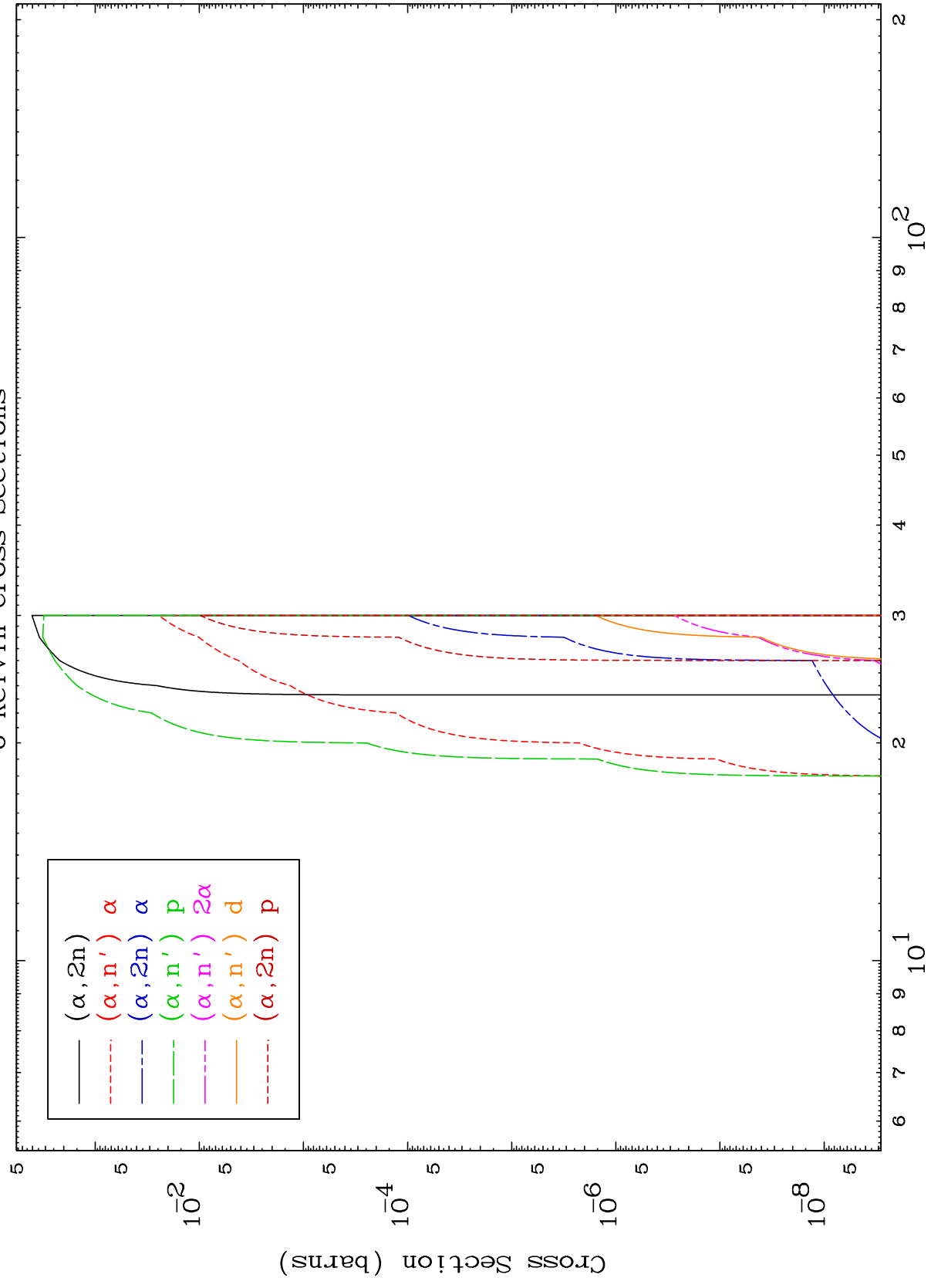
Incident Energy (MeV)

69-Tm-157

MAT 6889

α Neutron Production
0 Kelvin Cross Sections

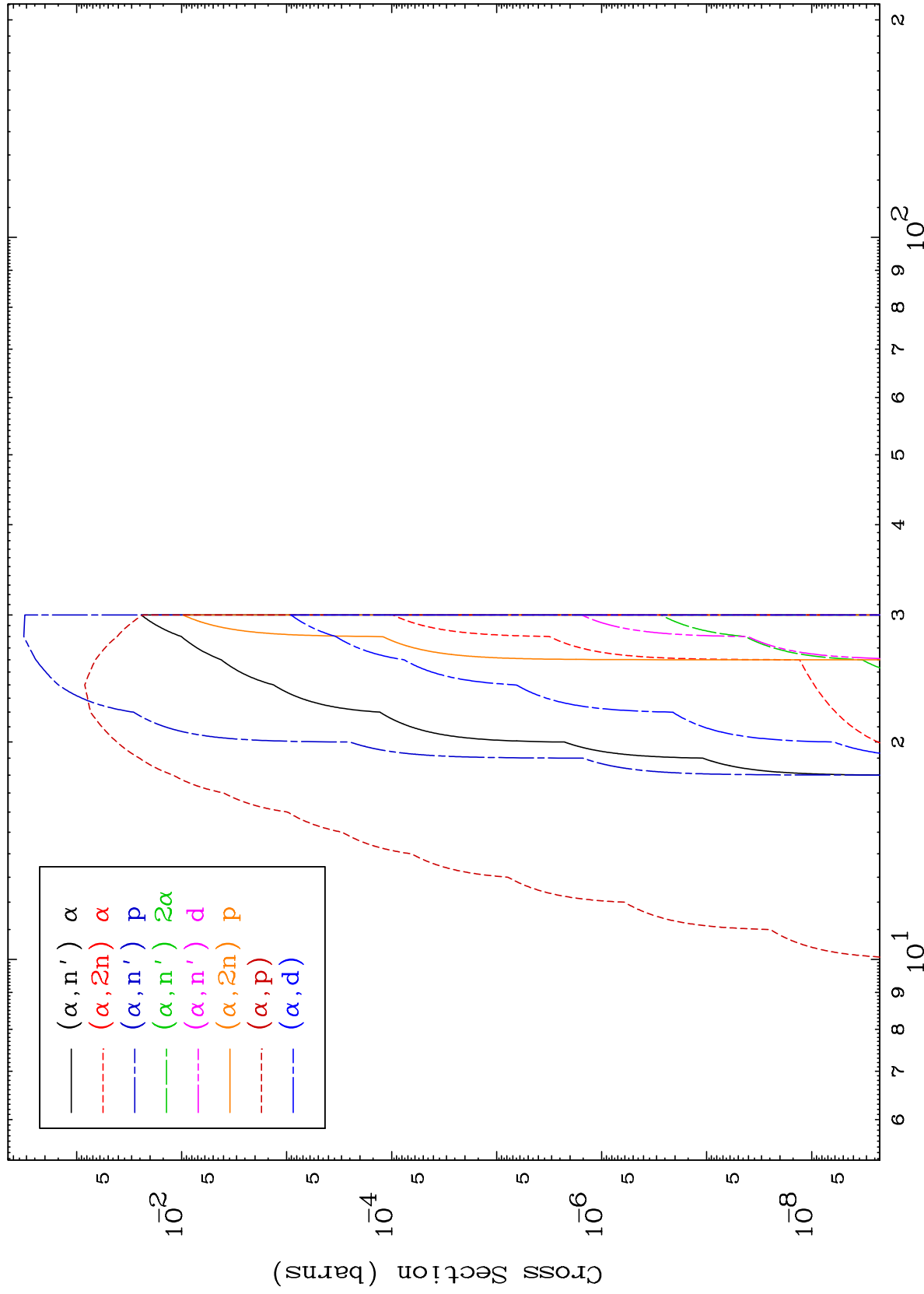
69-Tm-157



2

Incident Energy (MeV)

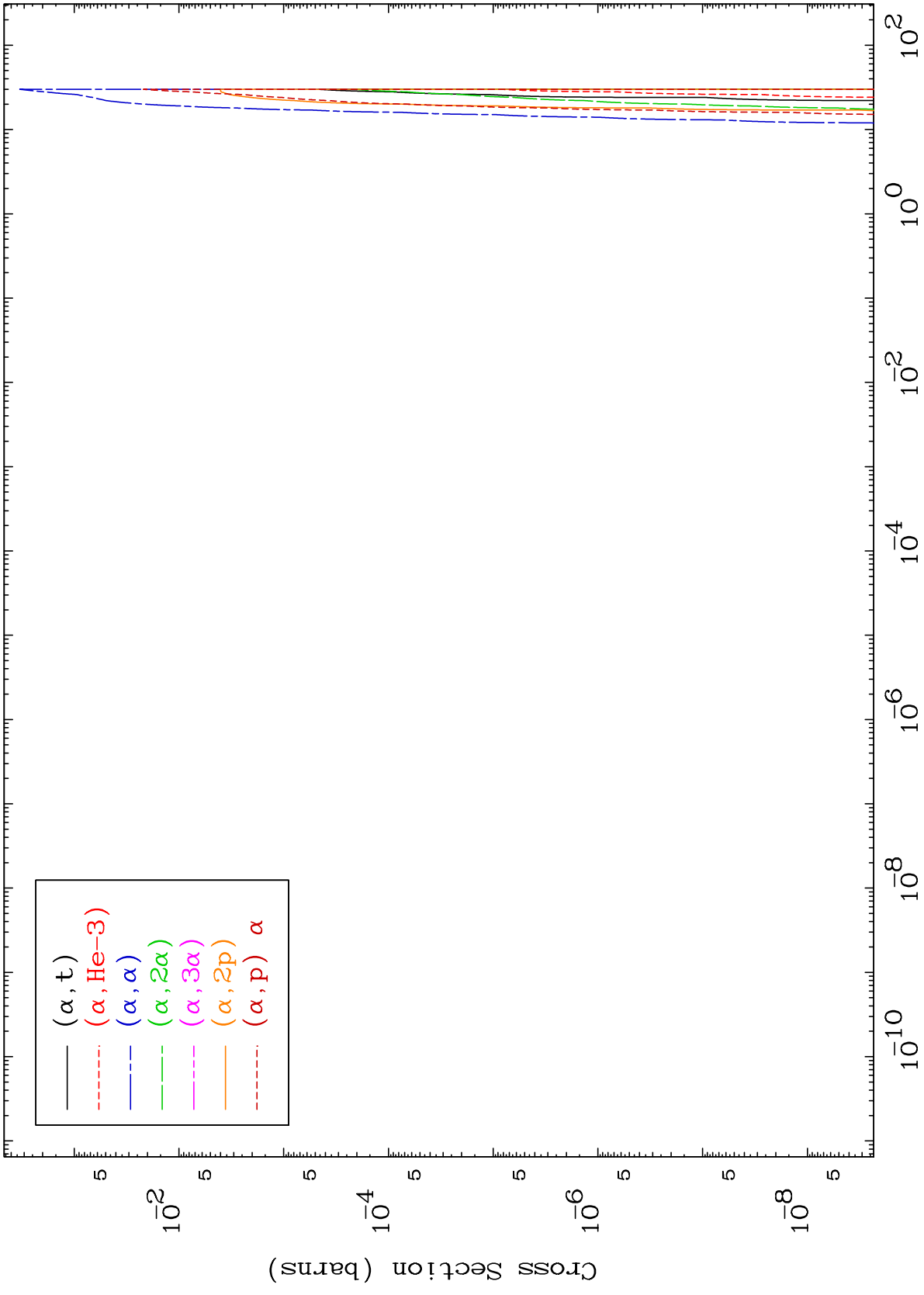
69-Tm-157



MAT 6889

α Charged Particle
0 Kelvin Cross Sections

69-Tm-157

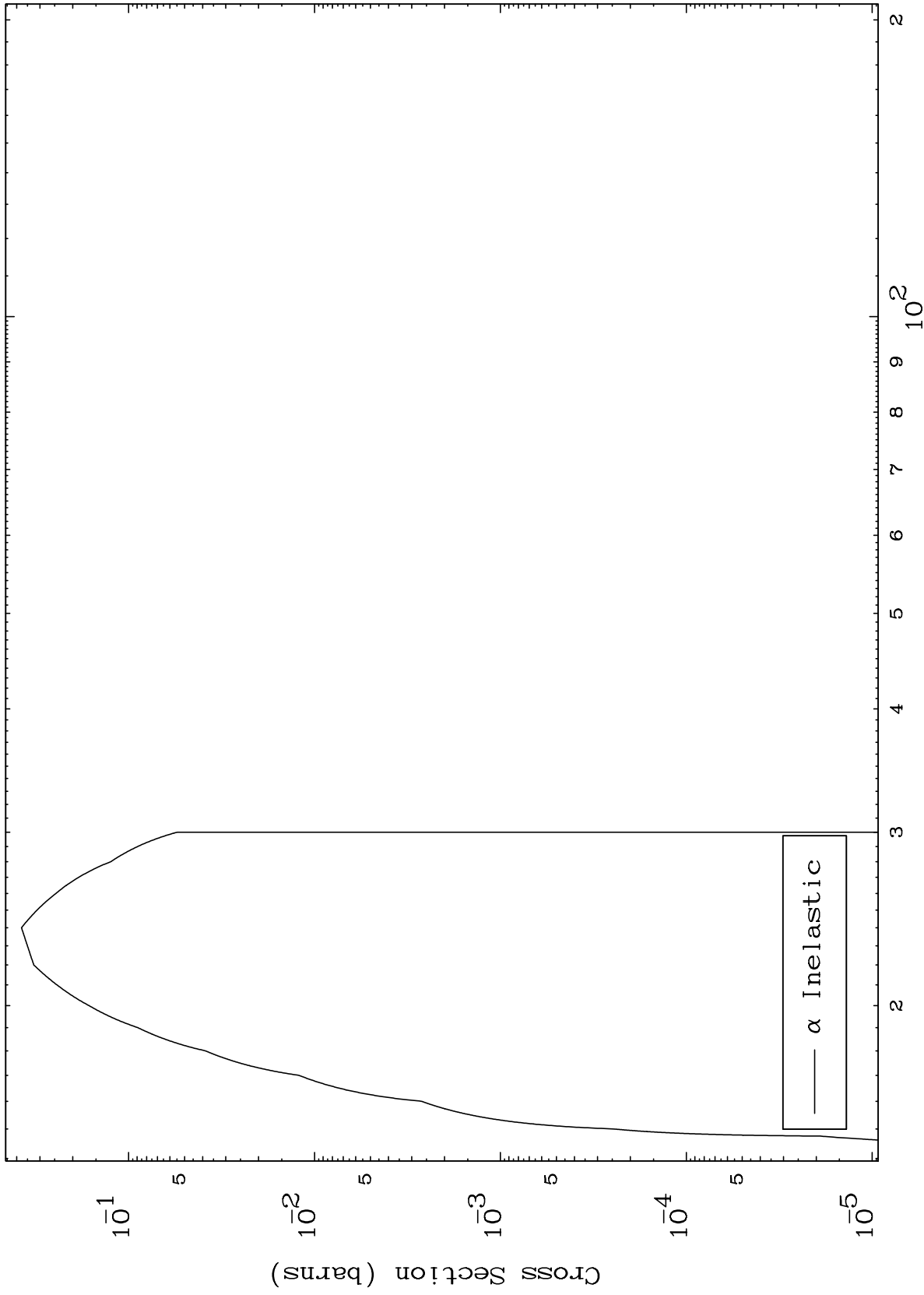


69-Tm-157

MAT 6889

(α, n') Level
0 Kelvin Cross Sections

69-Tm-157



5

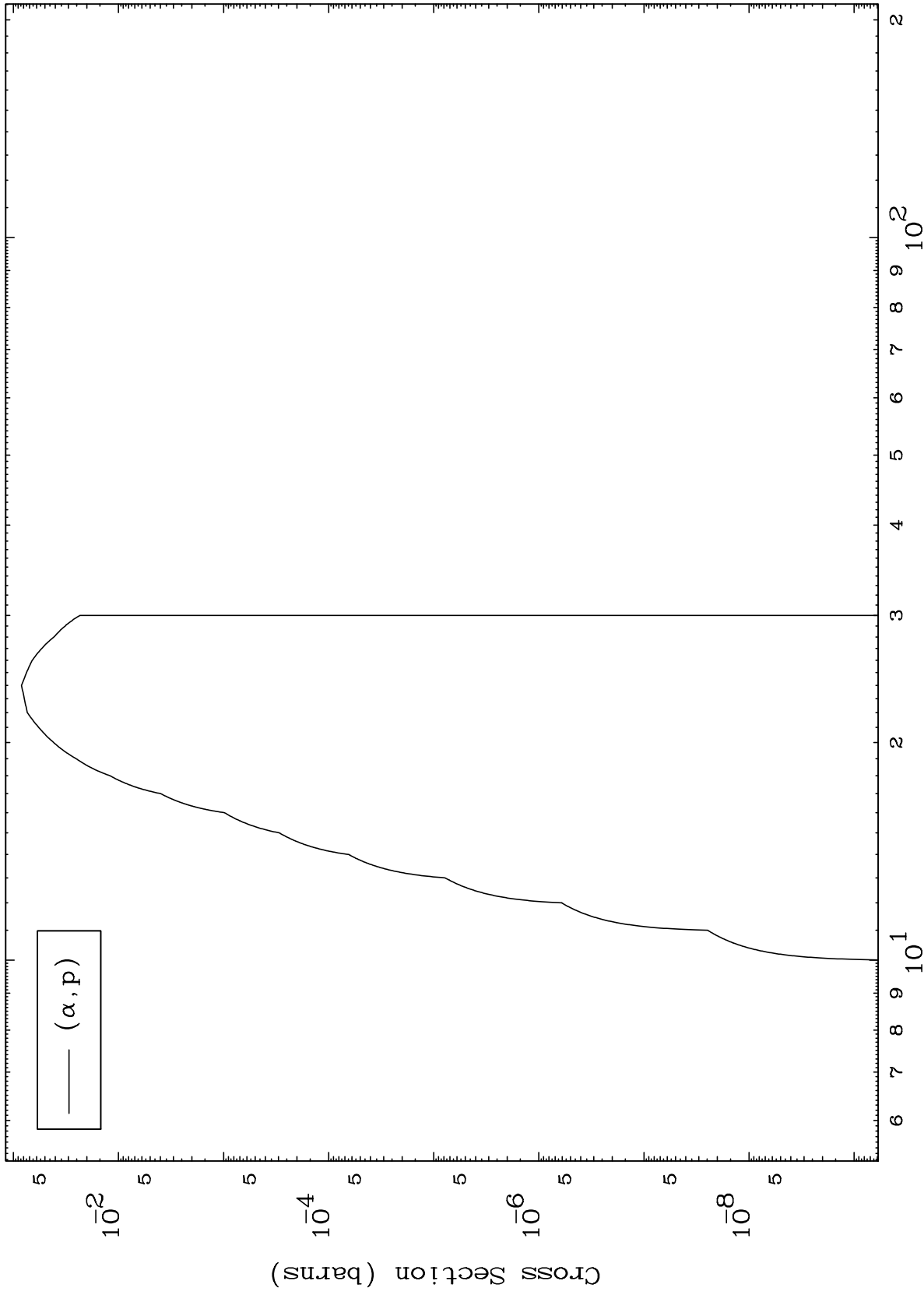
Incident Energy (MeV)

69-Tm-157

MAT 6889

(α, p) Levels
0 Kelvin Cross Sections

69-Tm-157



6

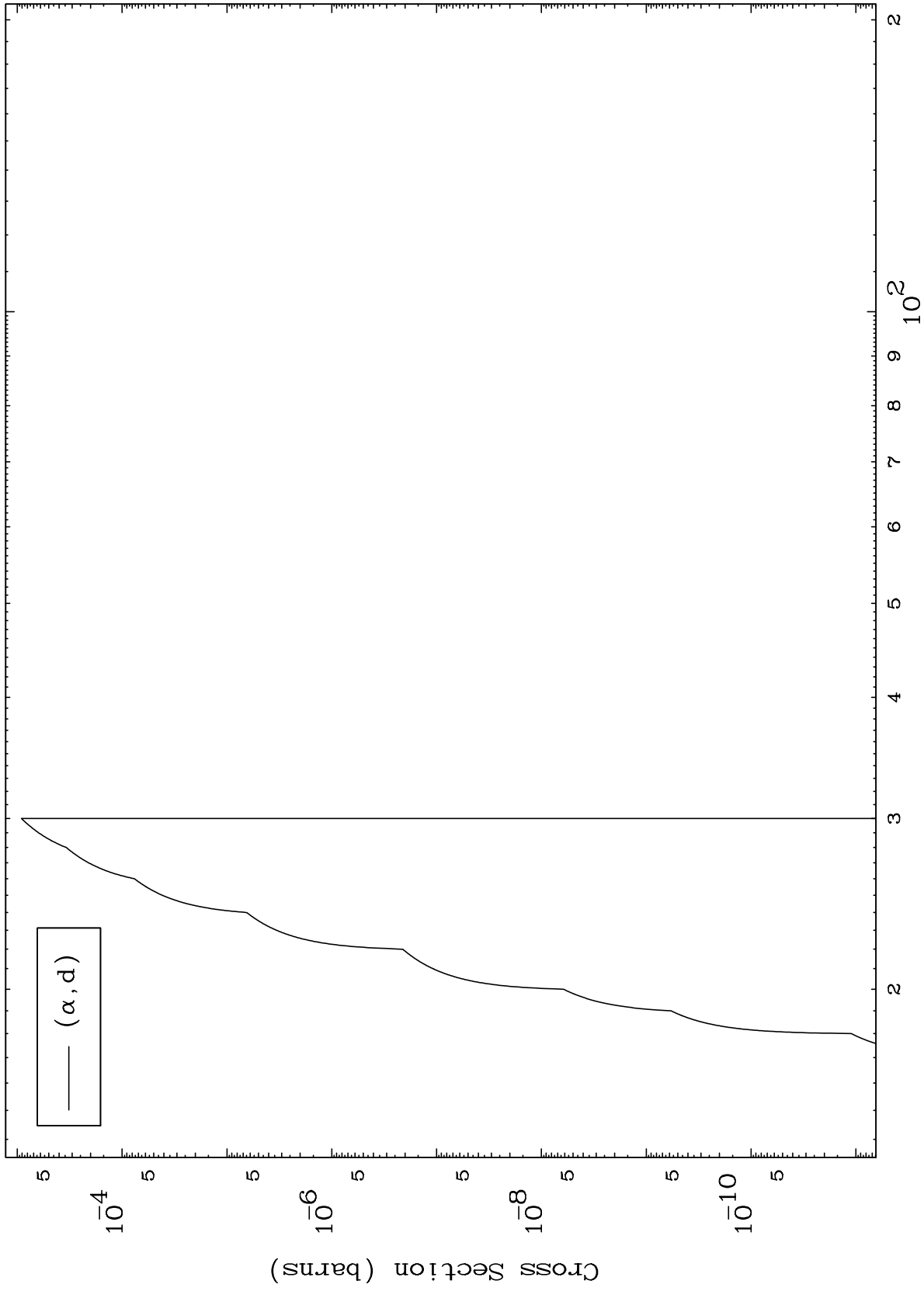
Incident Energy (MeV)

69-Tm-157

MAT 6889

(α, d) Levels
0 Kelvin Cross Sections

69-Tm-157



7

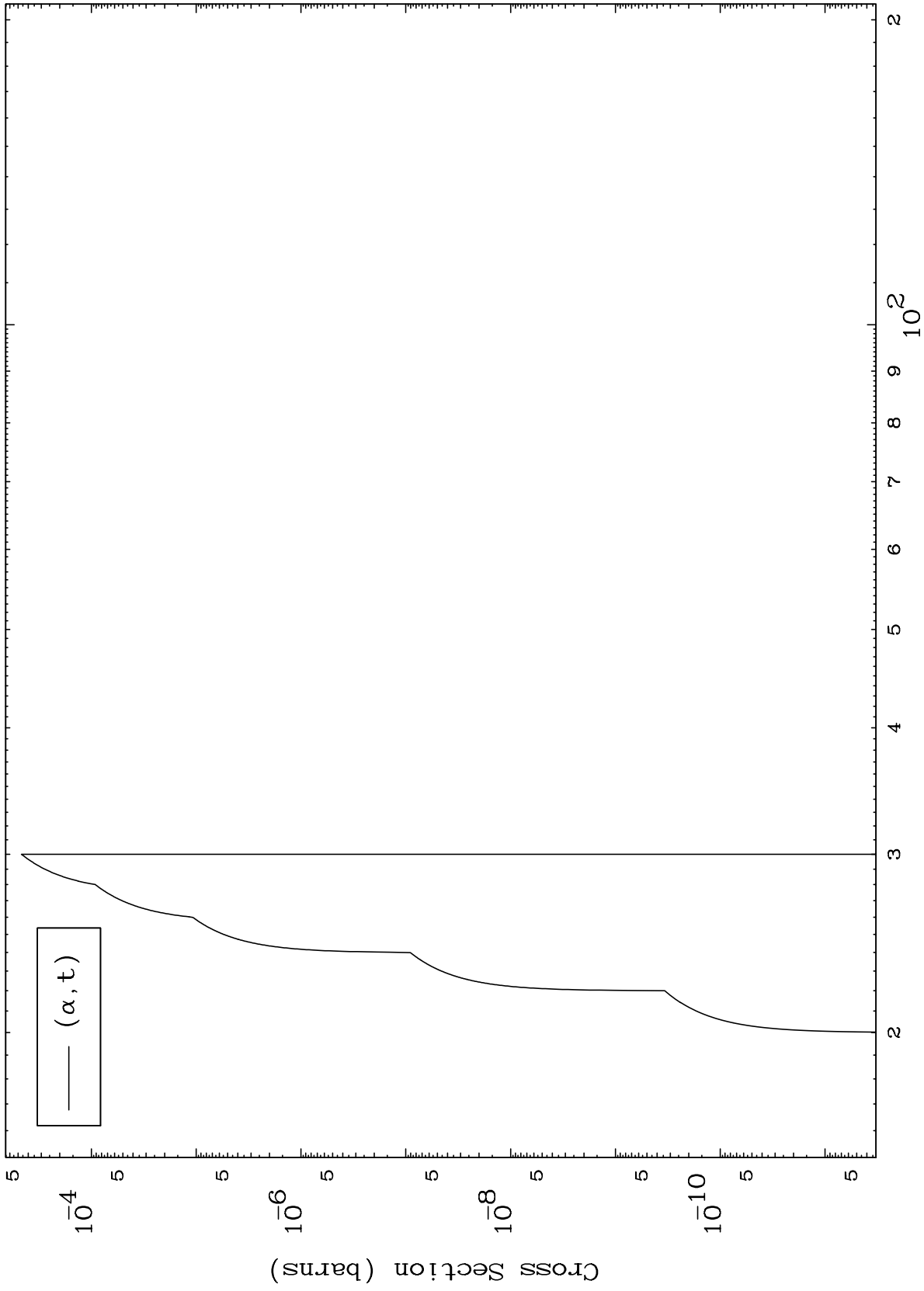
Incident Energy (MeV)

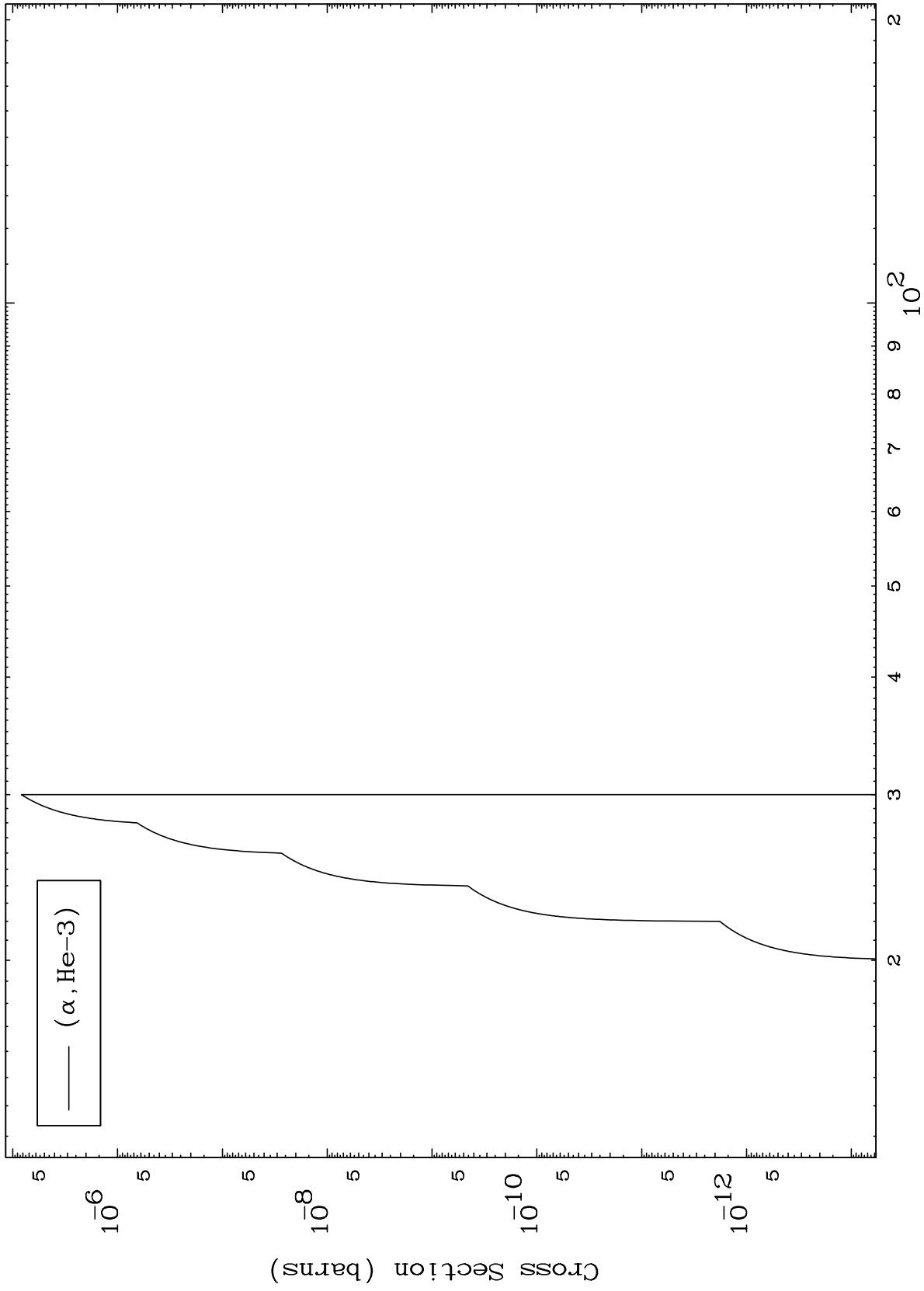
69-Tm-157

MAT 6889

(α, t) Levels
0 Kelvin Cross Sections

69-Tm-157

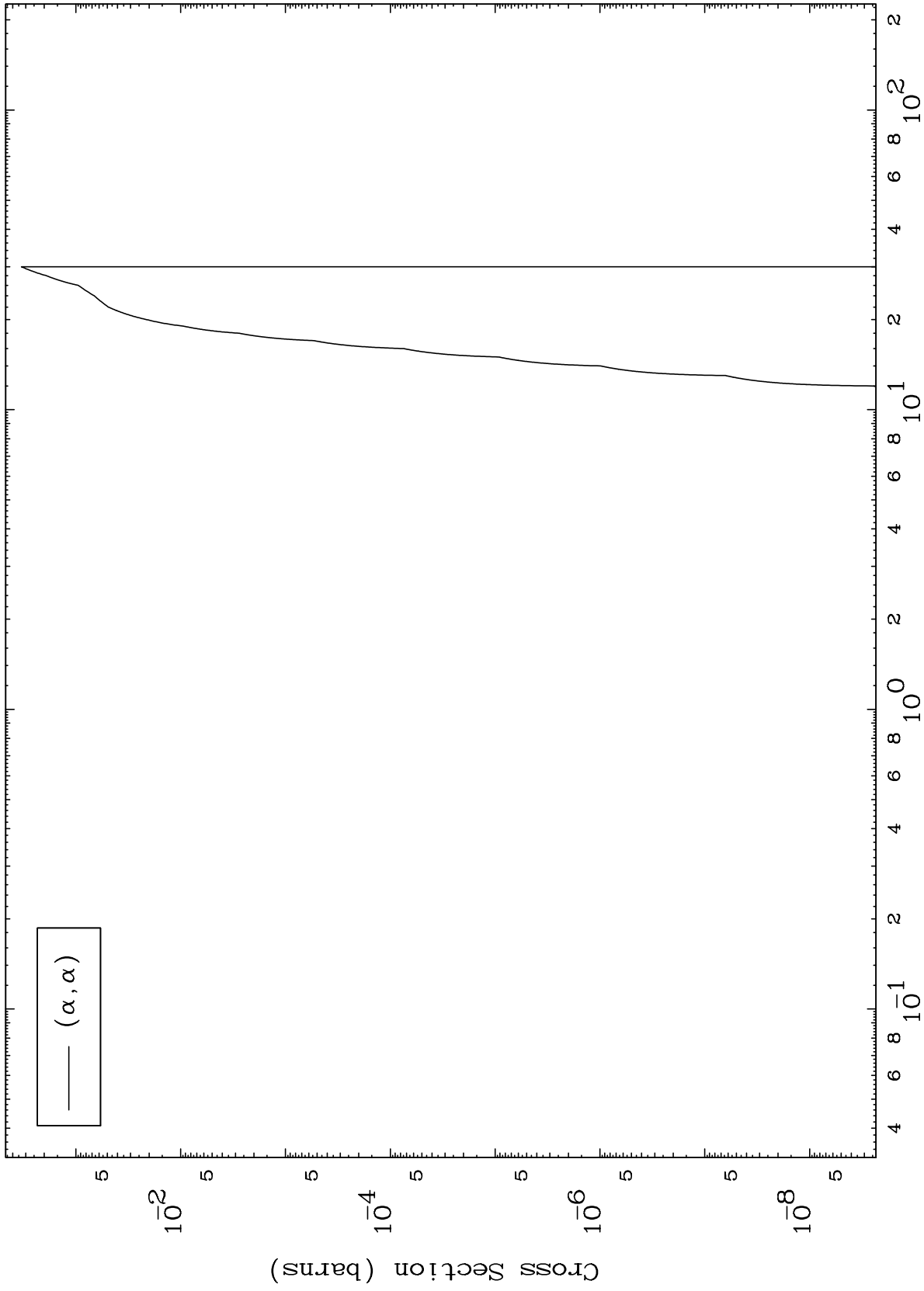




MAT 6889

(α, α) Levels
0 Kelvin Cross Sections

69-Tm-157

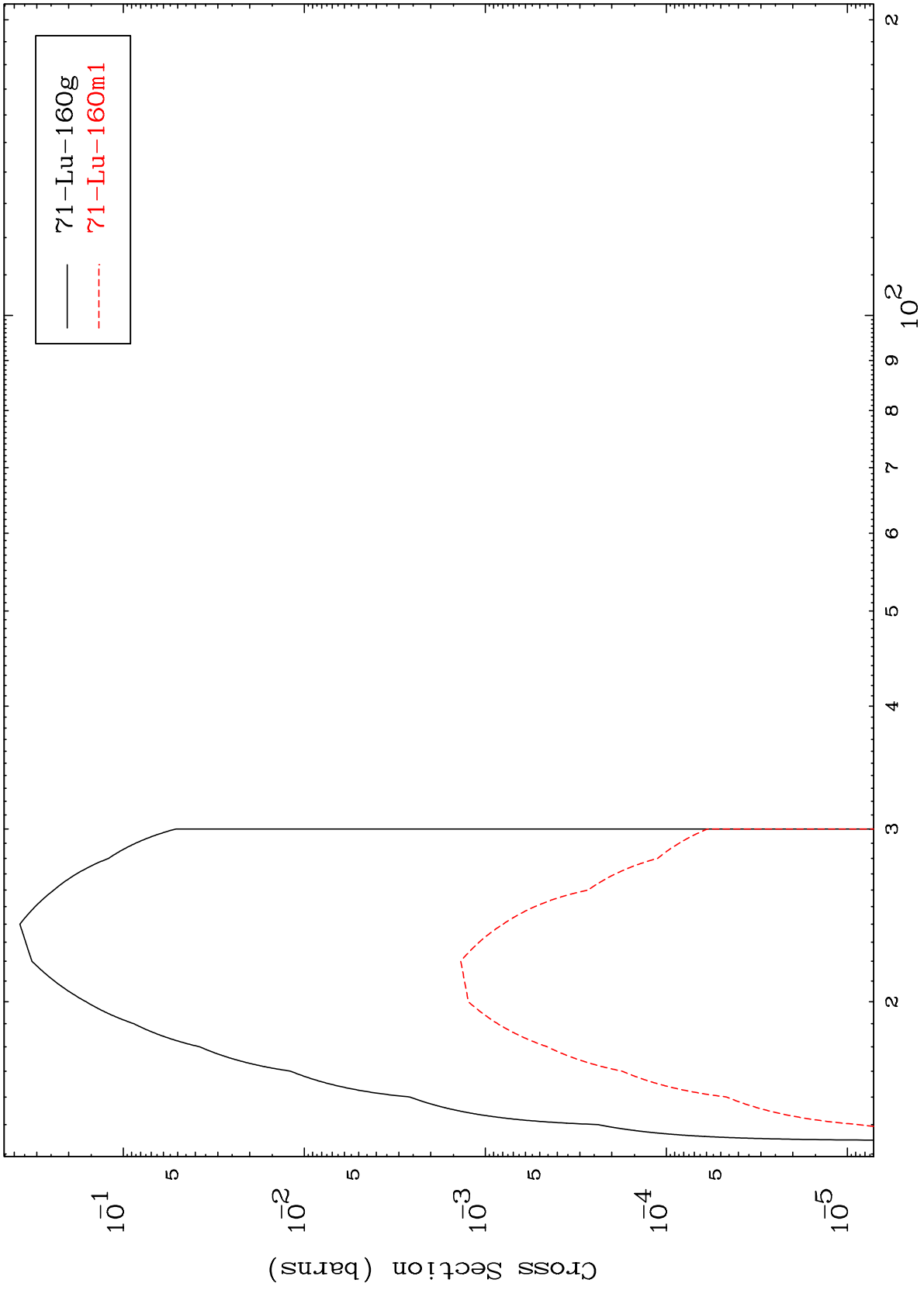


10

Incident Energy (MeV)

69-Tm-157

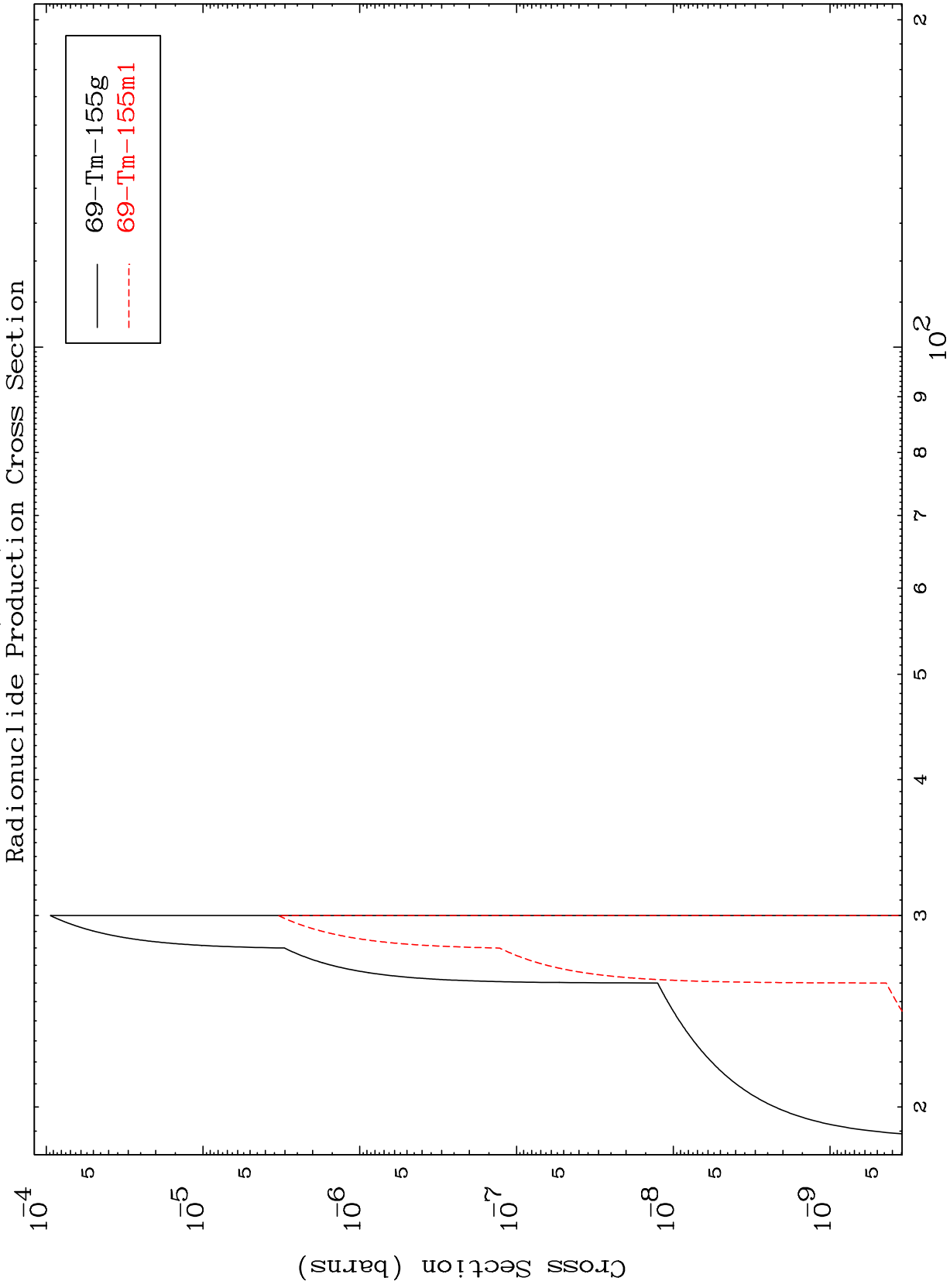
α Inelastic
Radionuclide Production Cross Section



MAT 6889

$(\alpha, 2n) \alpha$

69-Tm-157



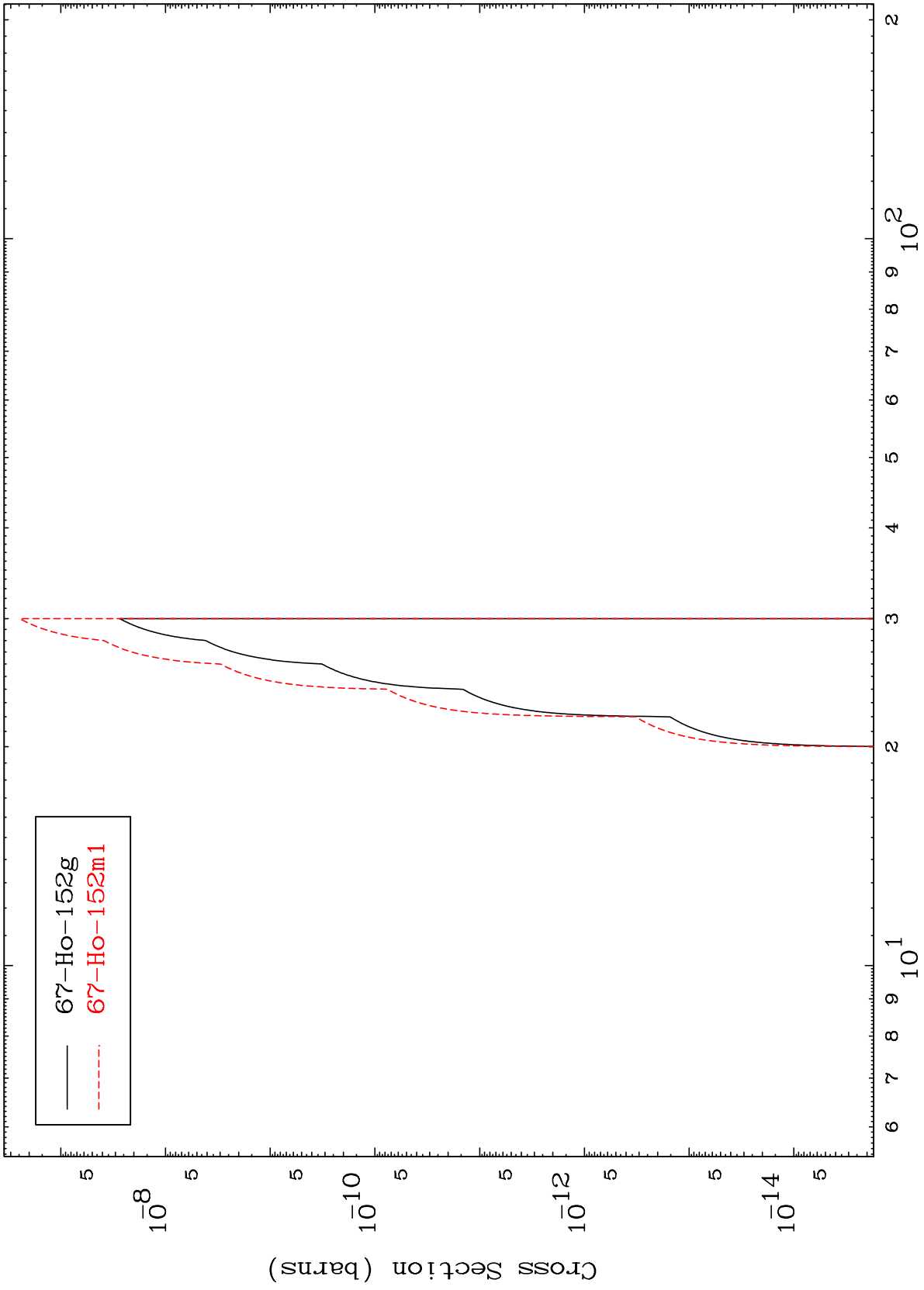
12

69-Tm-157

MAT 6889

69-Tm-157

(α, n') 2α
Radionuclide Production Cross Section



13

69-Tm-157

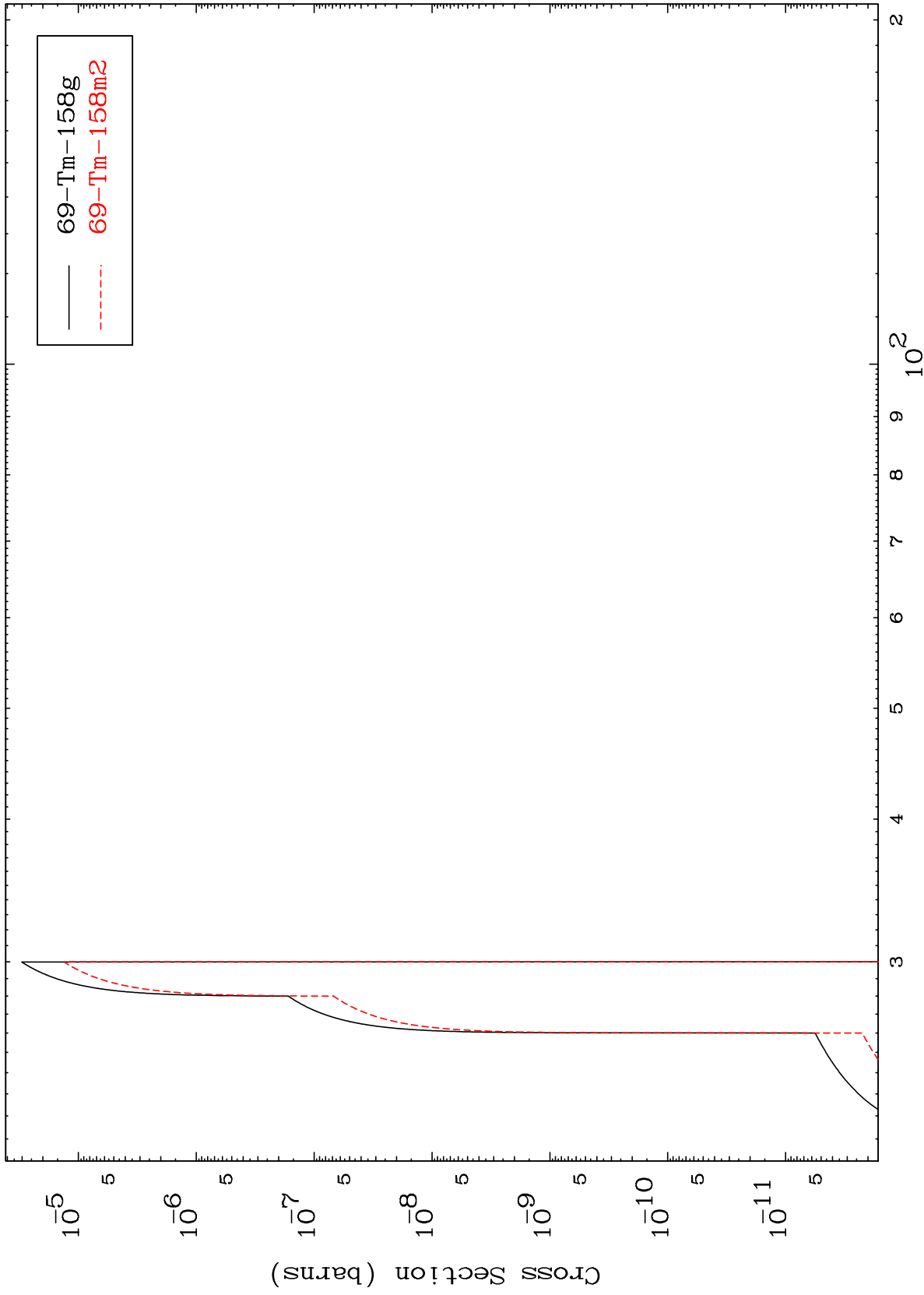
Incident Energy (MeV)

MAT 6889

($\alpha, 2n$) p

69-Tm-157

Radionuclide Production Cross Section



14

Incident Energy (MeV)

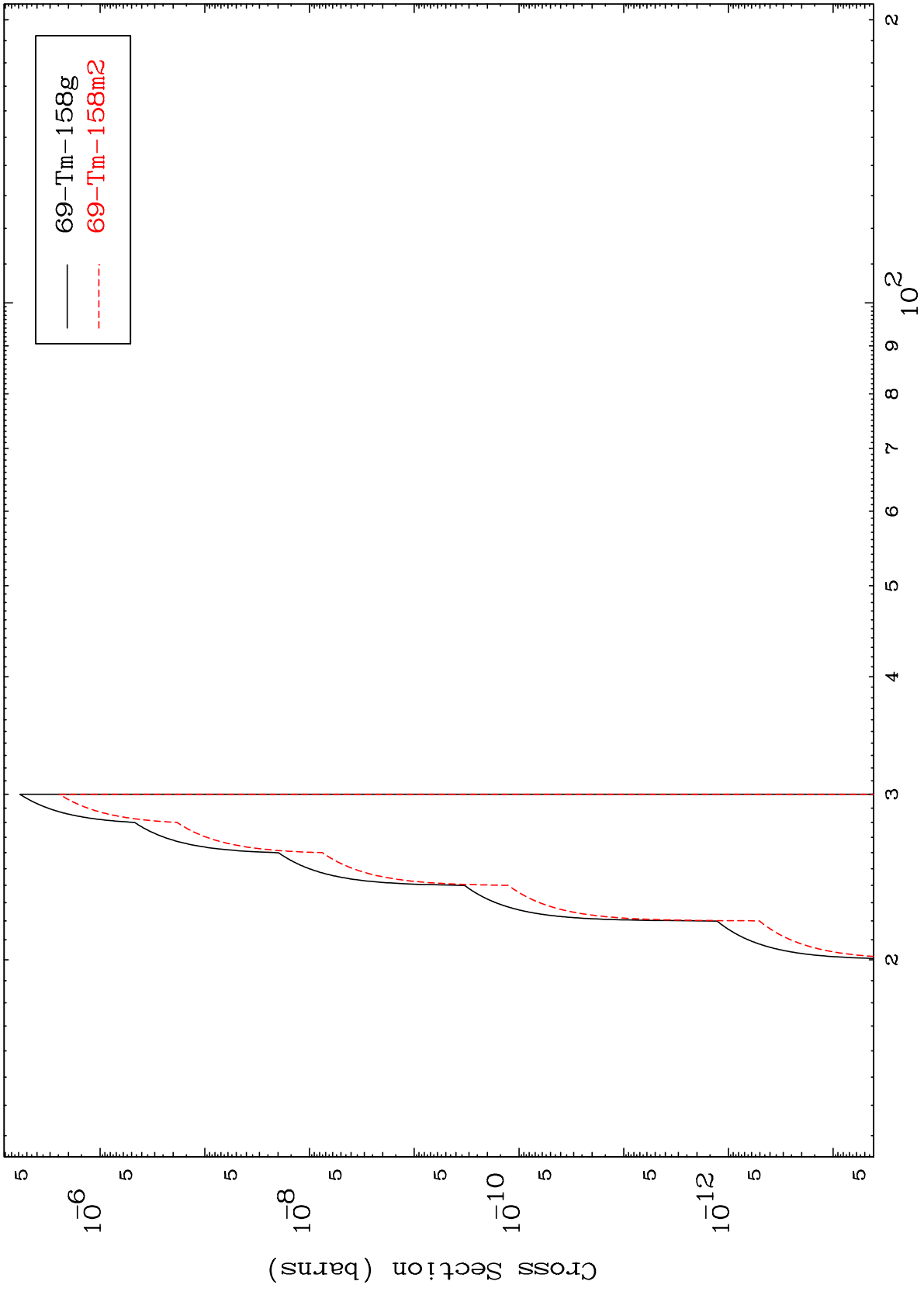
69-Tm-157

MAT 6889

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

69-Tm-157

Radionuclide Production Cross Section



15

Incident Energy (MeV)

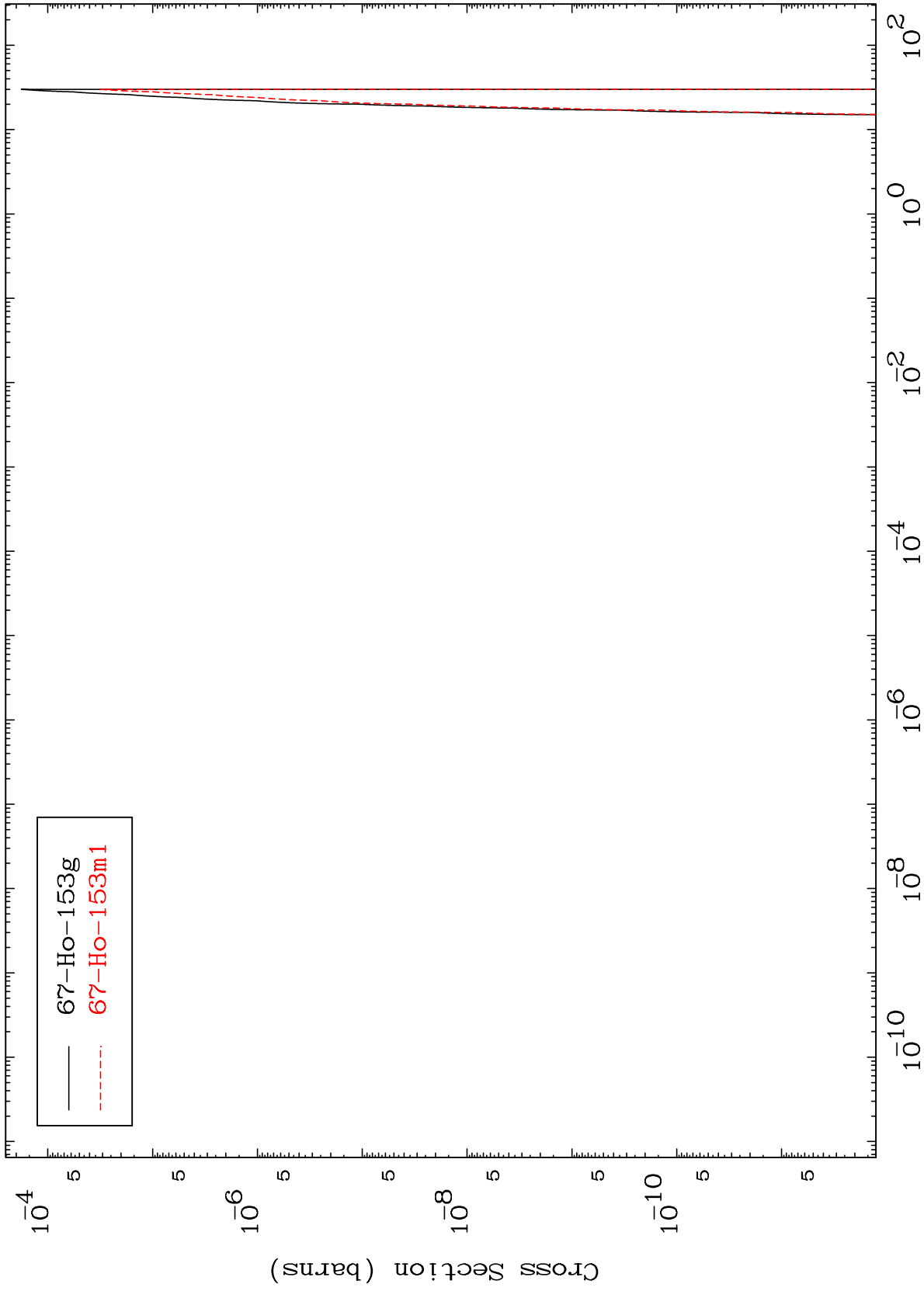
69-Tm-157

MAT 6889

($\alpha, 2\alpha$)

69-Tm-157

Radionuclide Production Cross Section



16

Incident Energy (MeV)

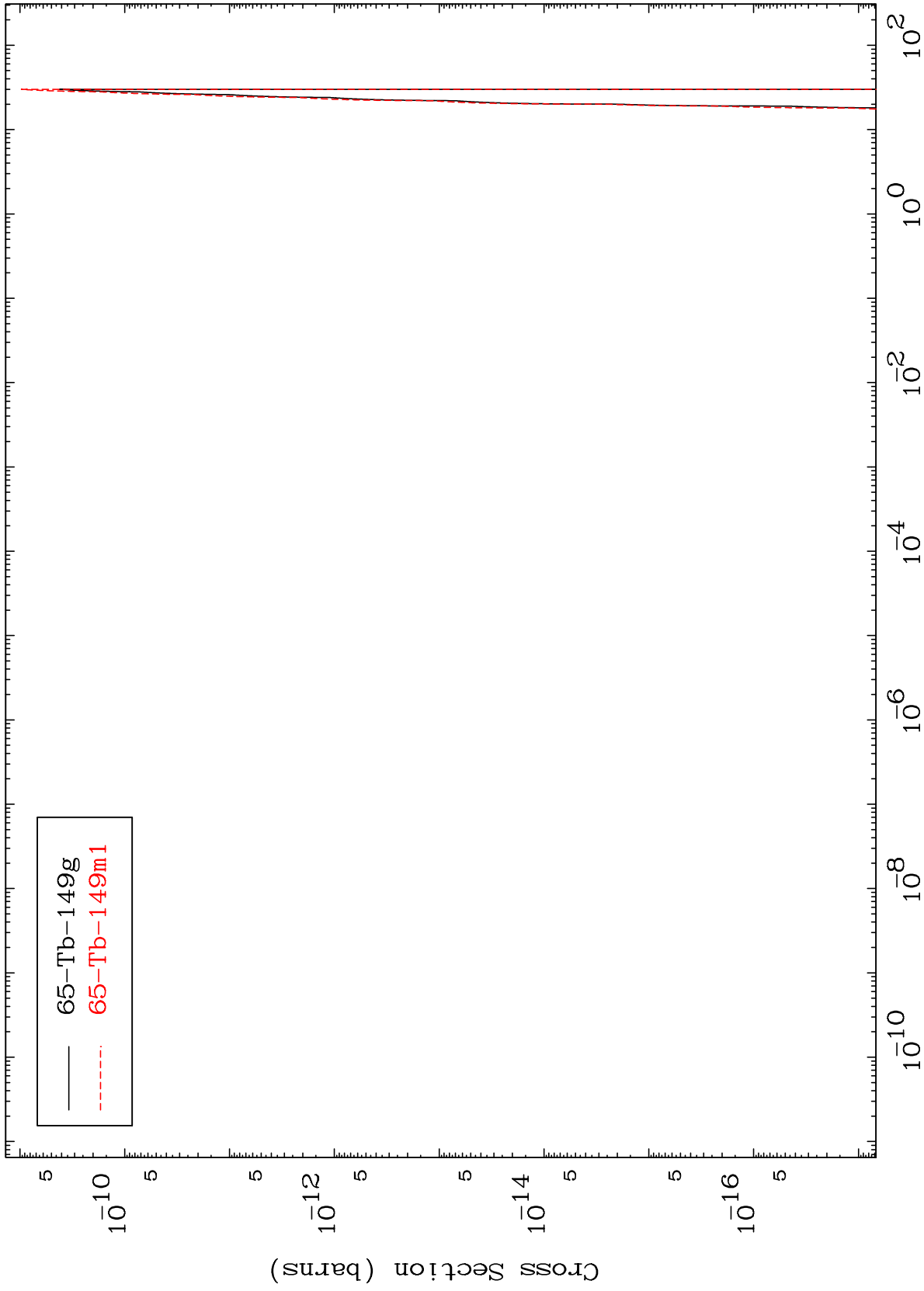
69-Tm-157

MAT 6889

($\alpha, 3\alpha$)

69-Tm-157

Radionuclide Production Cross Section



17

Incident Energy (MeV)

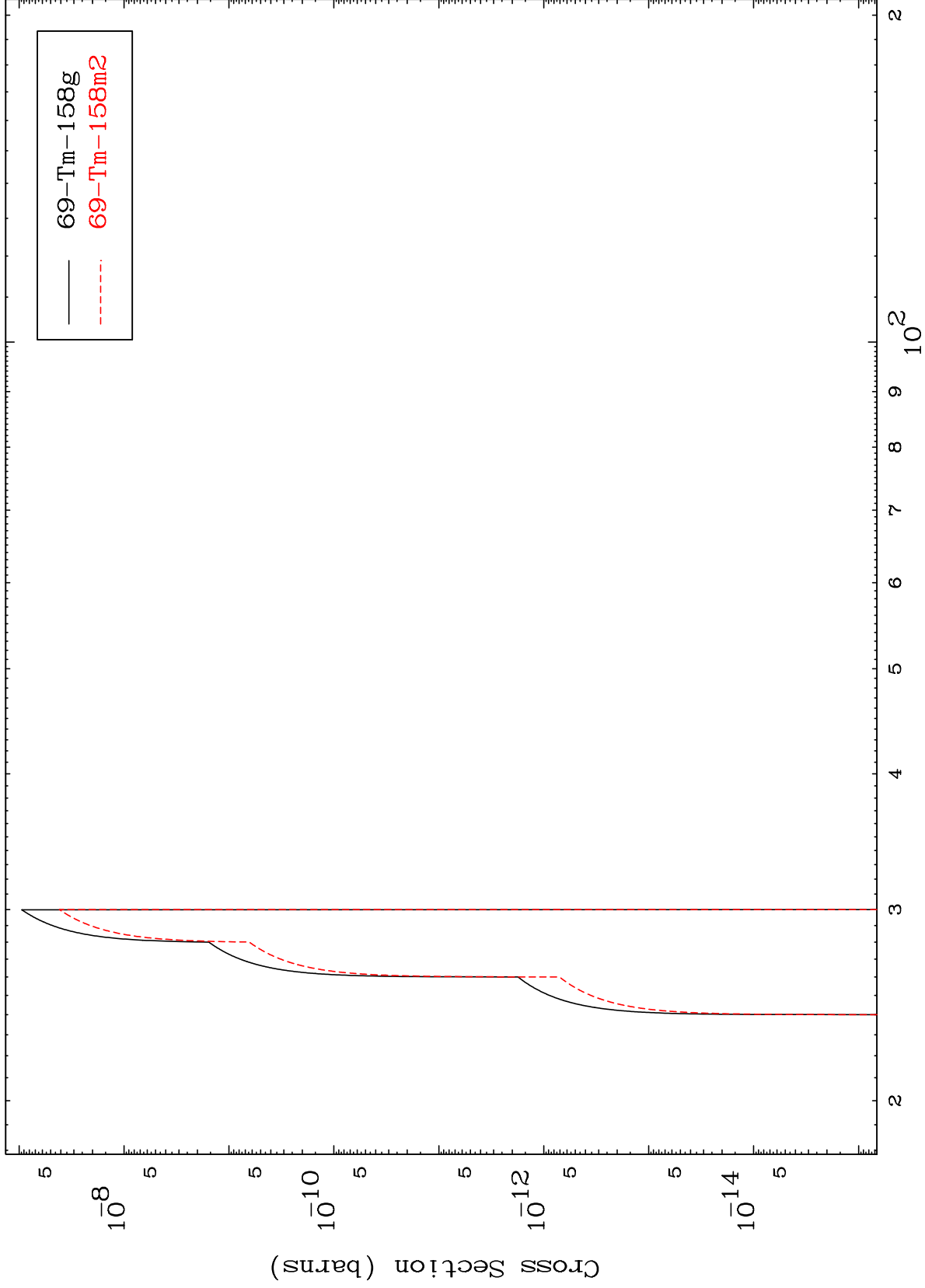
69-Tm-157

MAT 6889

(α, p) d

69-Tm-157

Radionuclide Production Cross Section



18

Incident Energy (MeV)

69-Tm-157