

Program EVALPLOT
(Version 2018-1)

by

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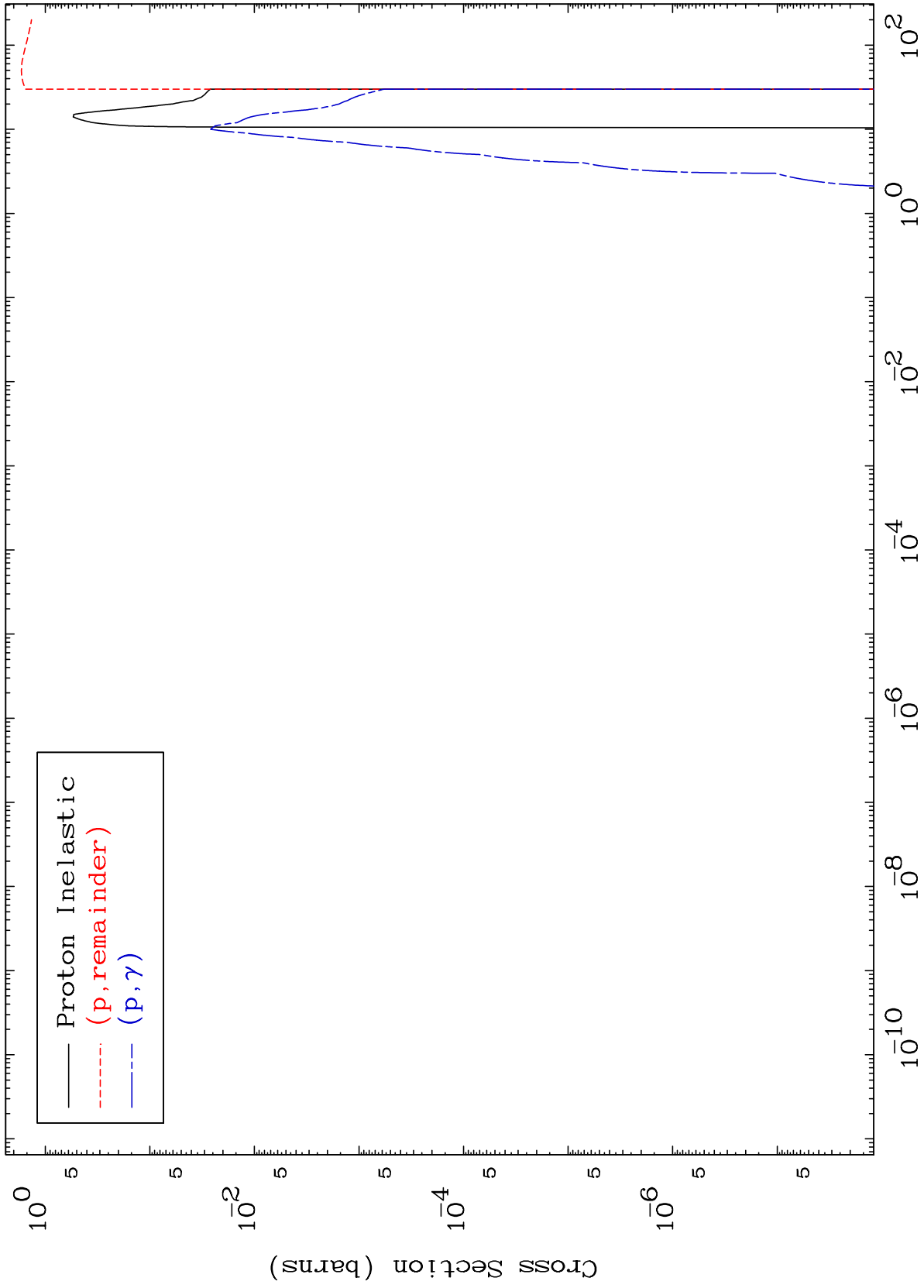
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6989

Proton Major
0 Kelvin Cross Sections

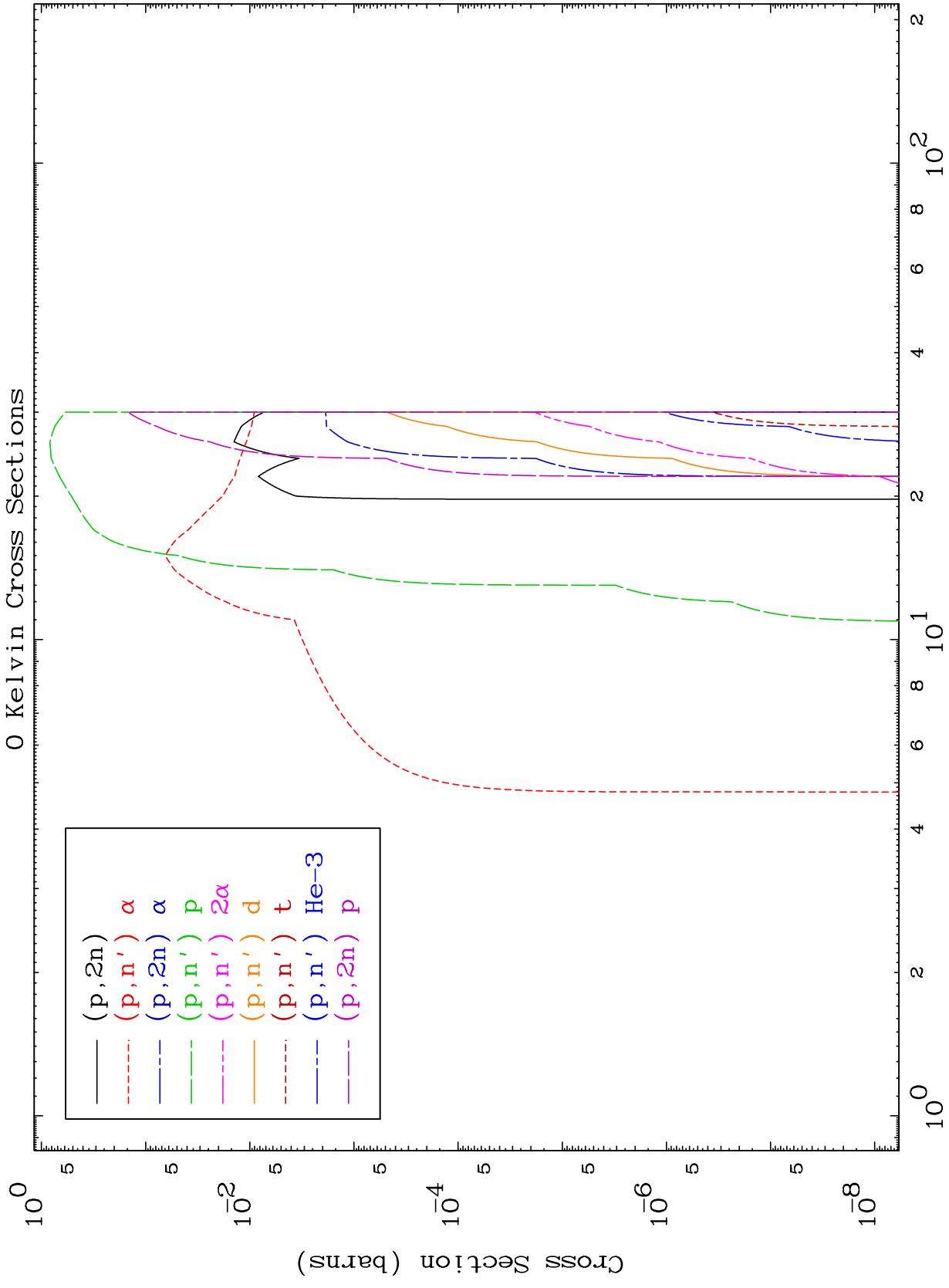
70-Yb-156



MAT 6989

Proton Neutron Production
0 Kelvin Cross Sections

70-Yb-156

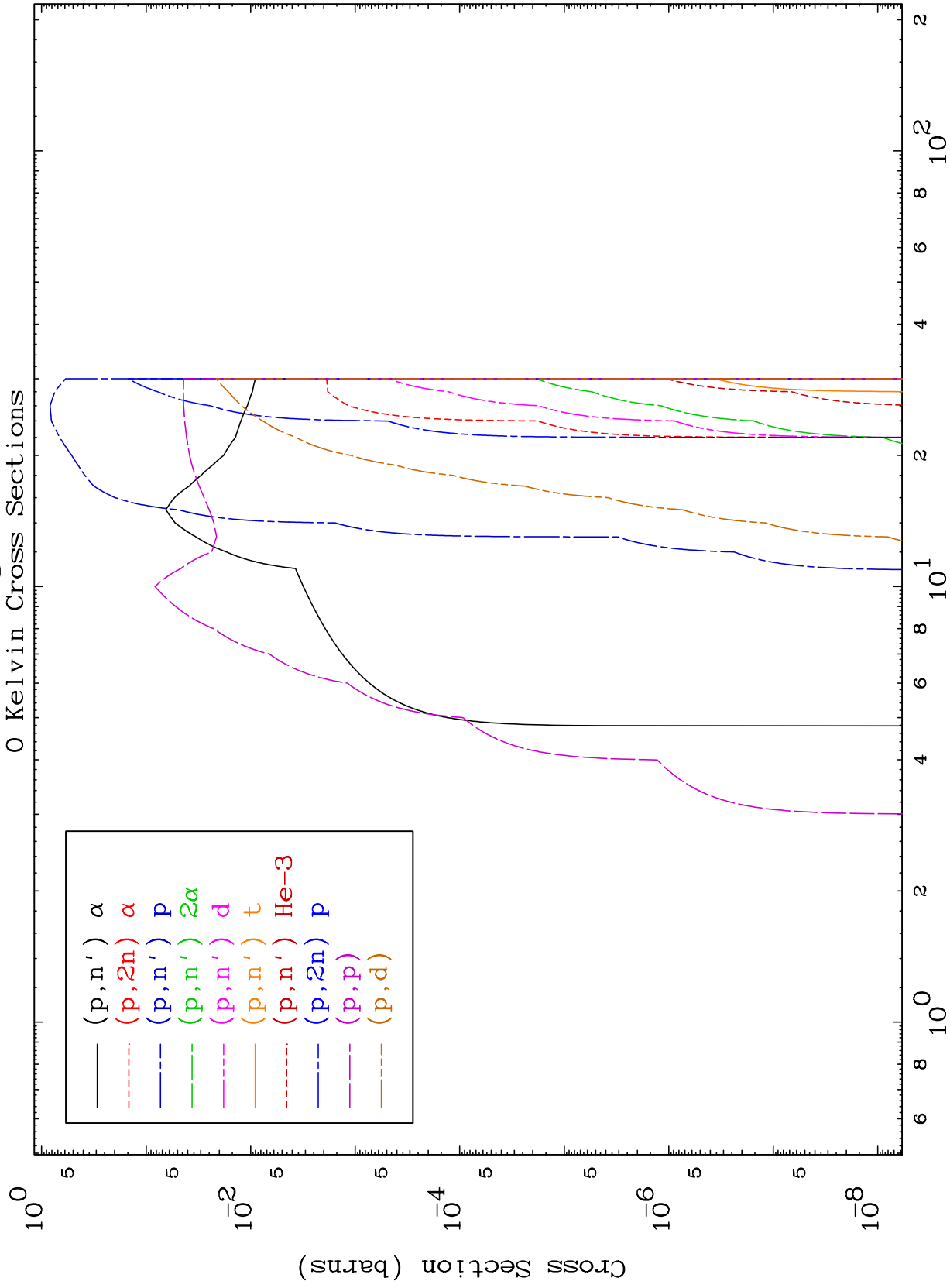


70-Yb-156

MAT 6989

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-156



3

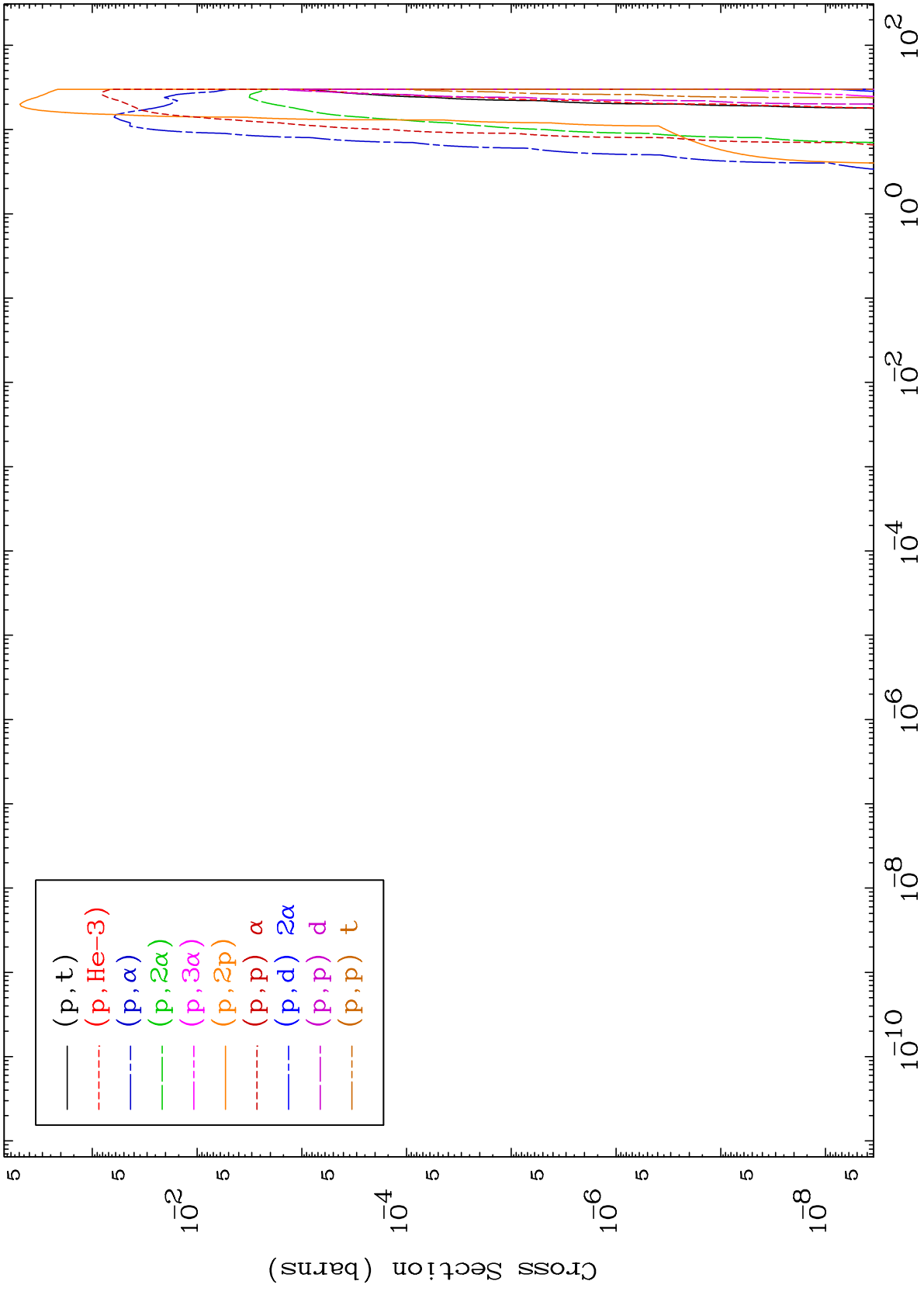
Incident Energy (MeV)

70-Yb-156

MAT 6989

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-156

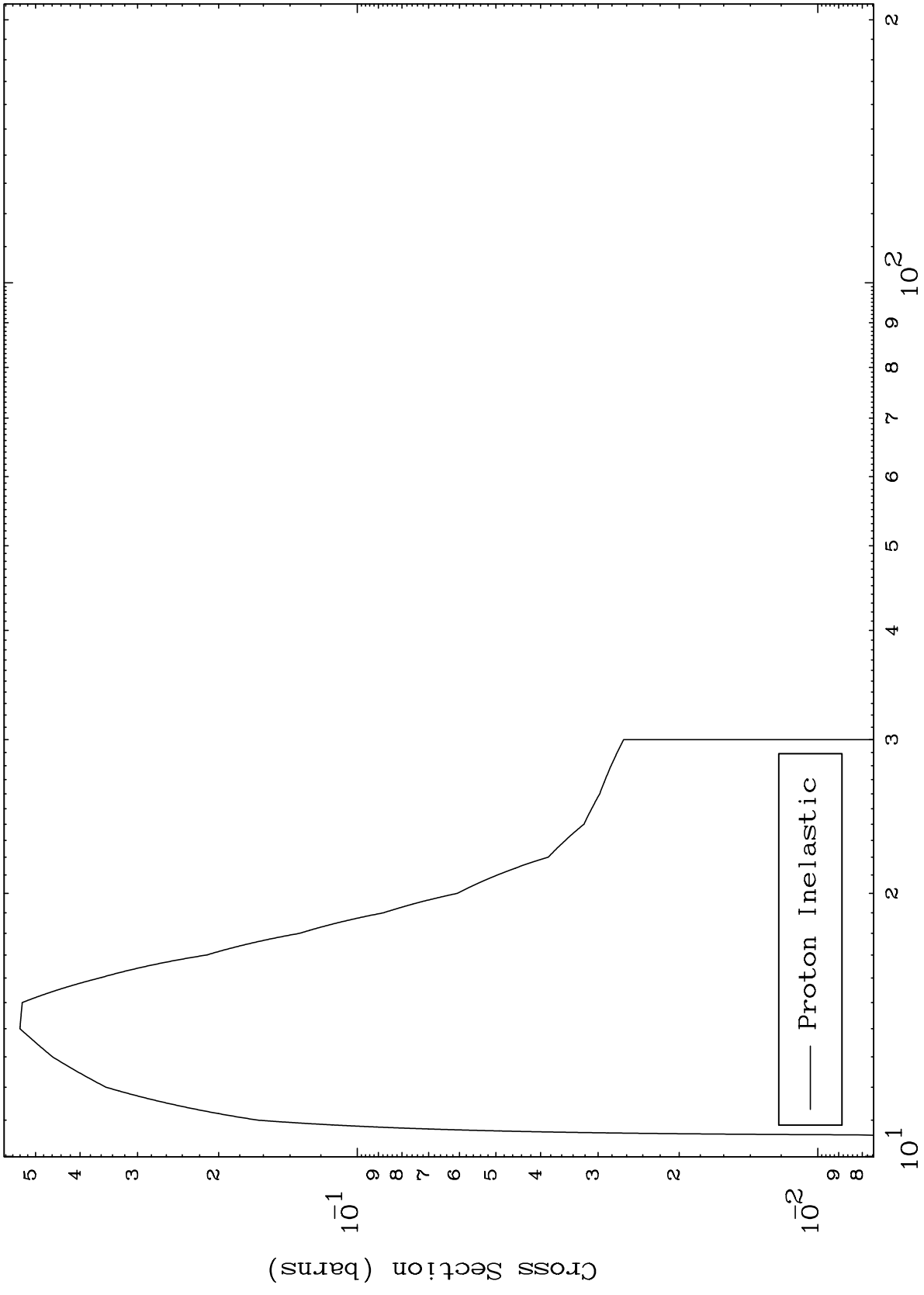


70-Yb-156

MAT 6989

(p,n') Level
0 Kelvin Cross Sections

70-Yb-156



— Proton Inelastic

5

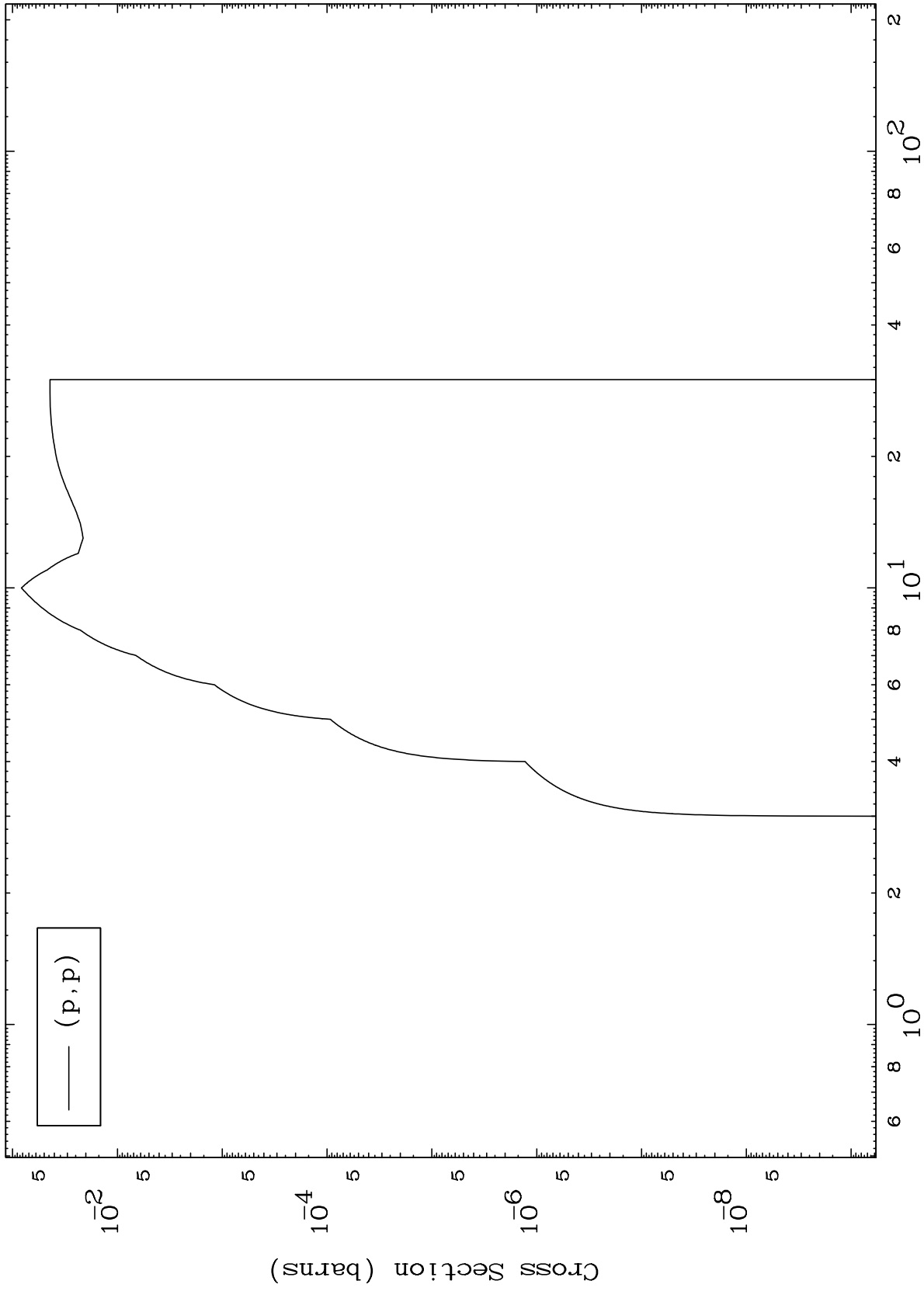
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,p) Levels
0 Kelvin Cross Sections

70-Yb-156



6

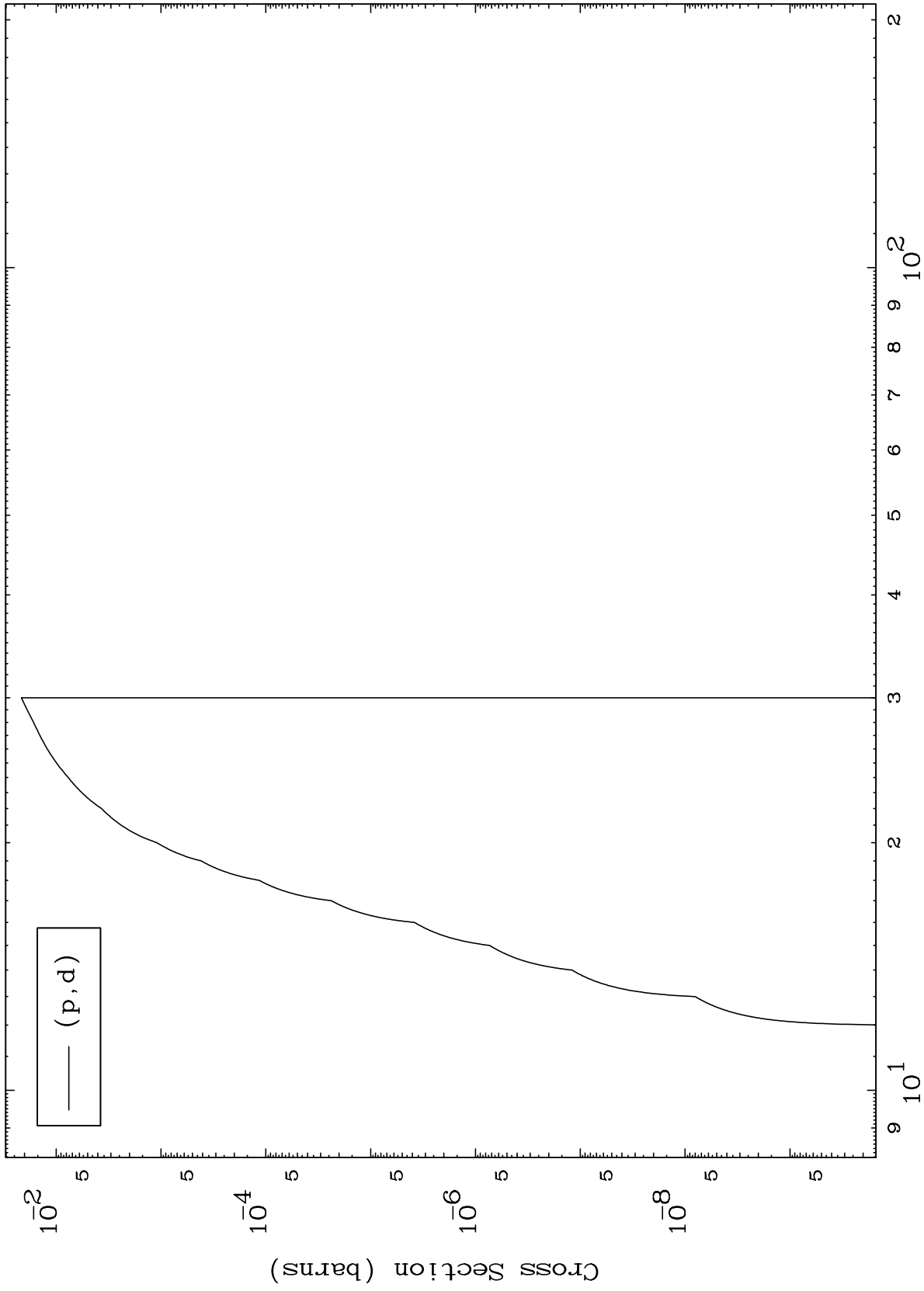
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,d) Levels
0 Kelvin Cross Sections

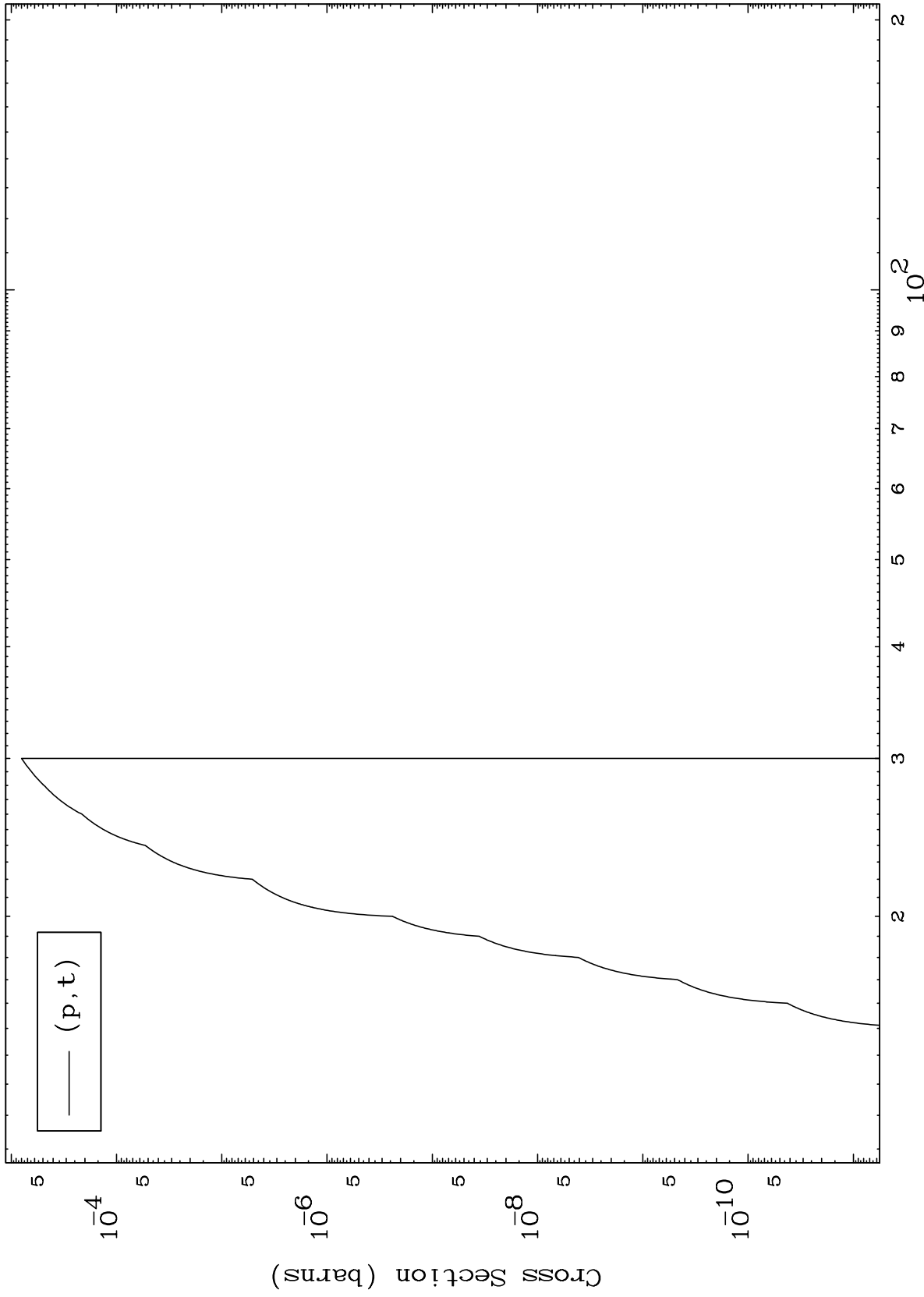
70-Yb-156



7

Incident Energy (MeV)

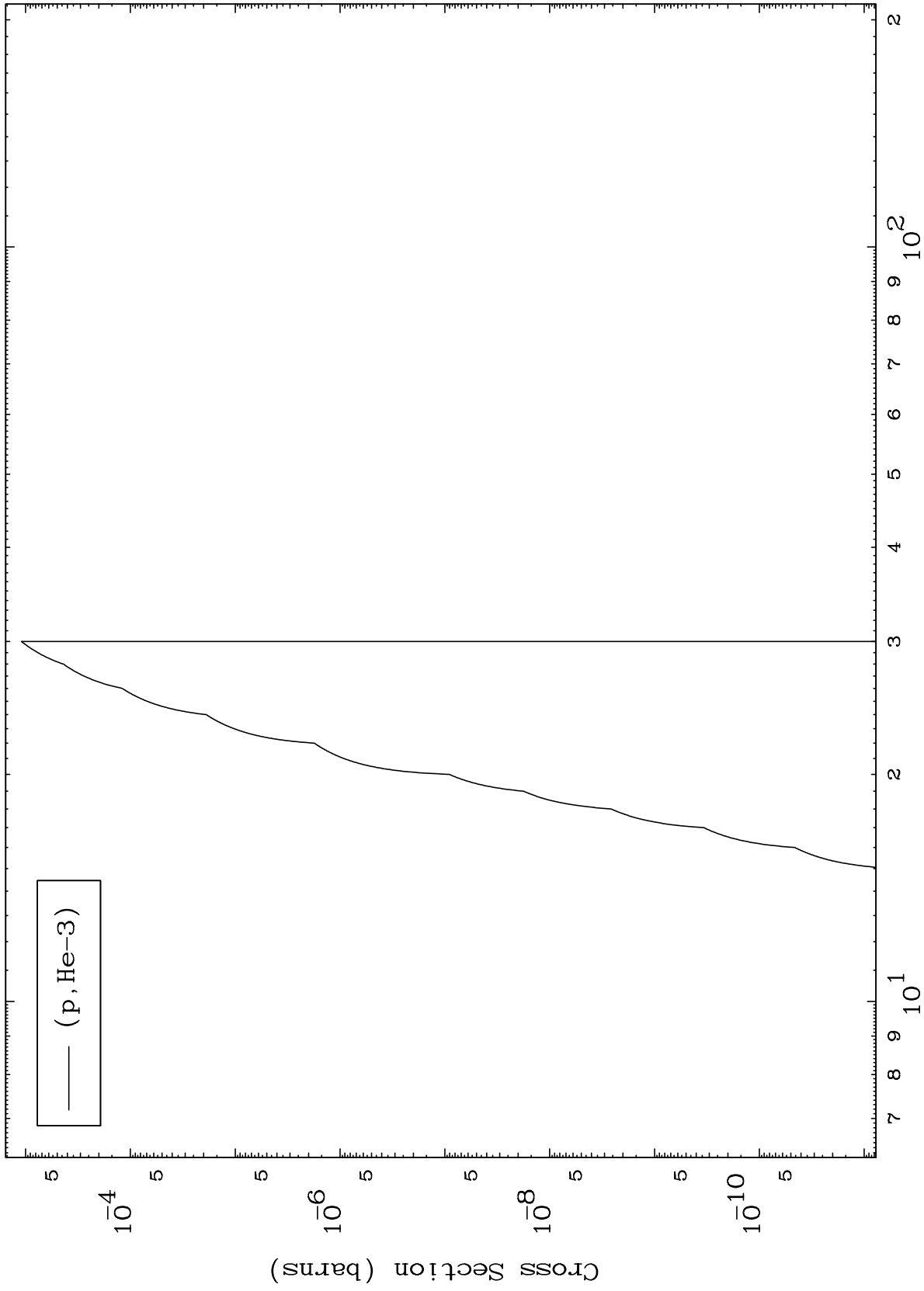
70-Yb-156



MAT 6989

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-156



9

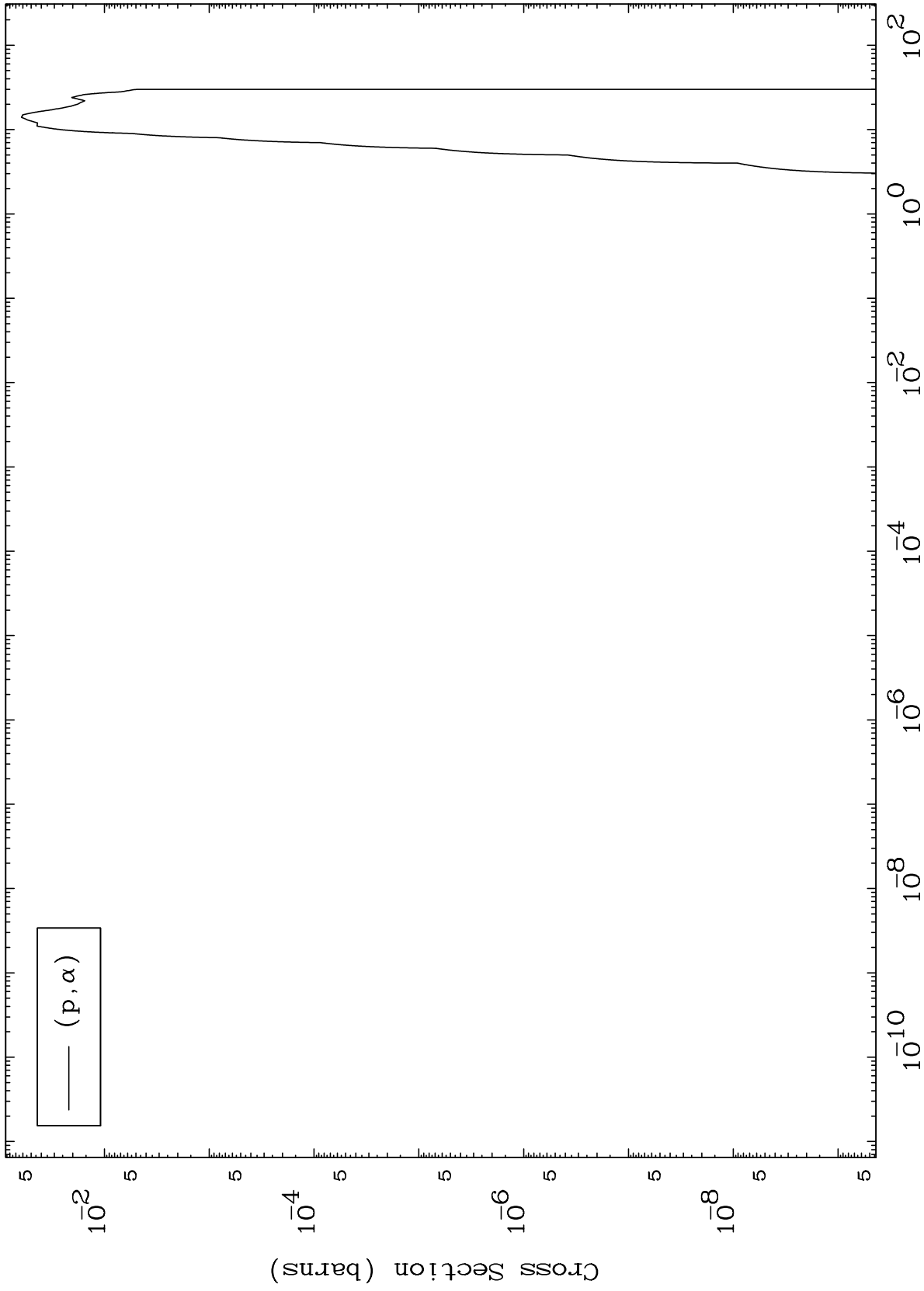
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,α) Levels
0 Kelvin Cross Sections

70-Yb-156



10

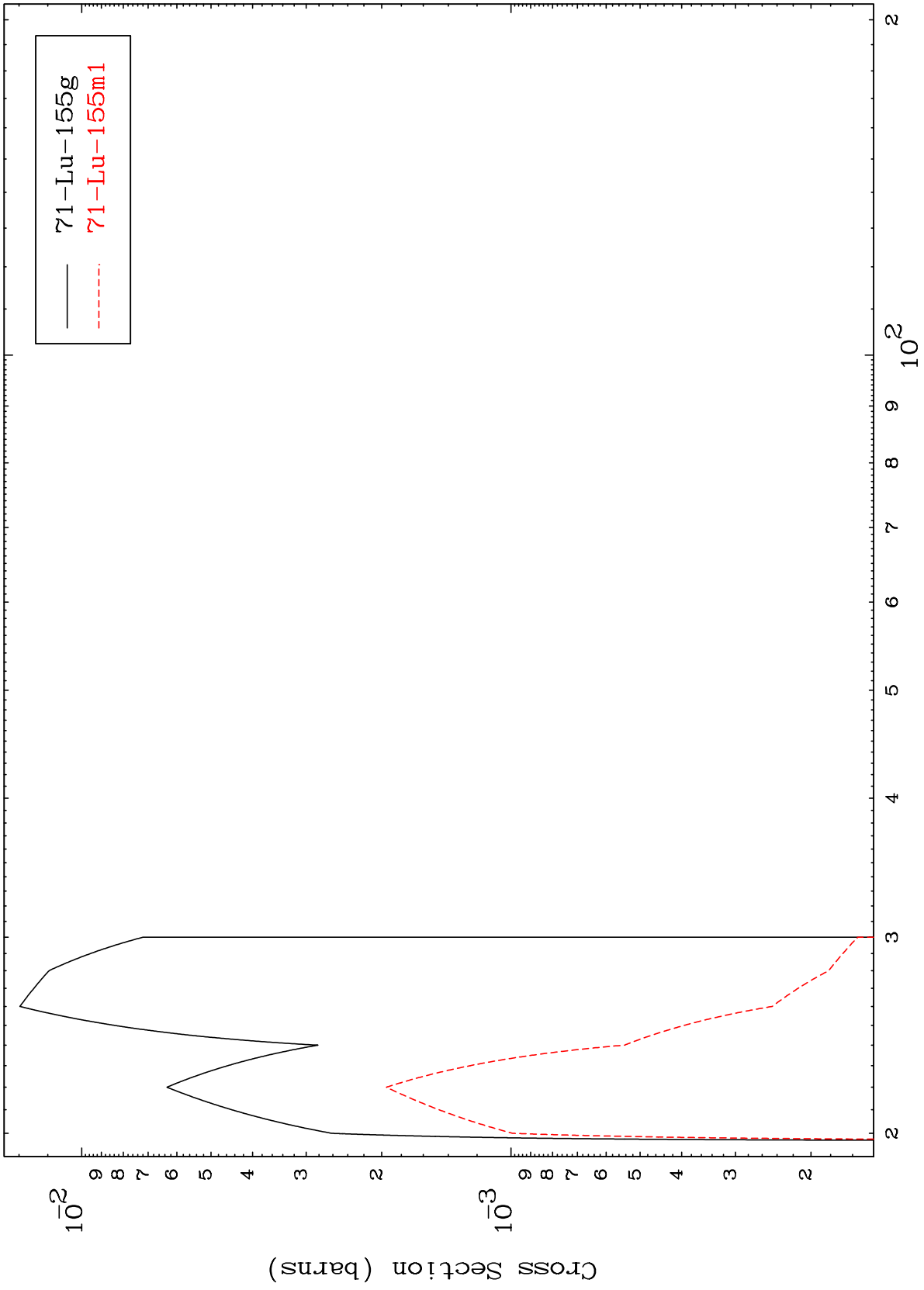
Incident Energy (MeV)

70-Yb-156

MAT 6989

70-Yb-156

(p,2n)
Radionuclide Production Cross Section



11

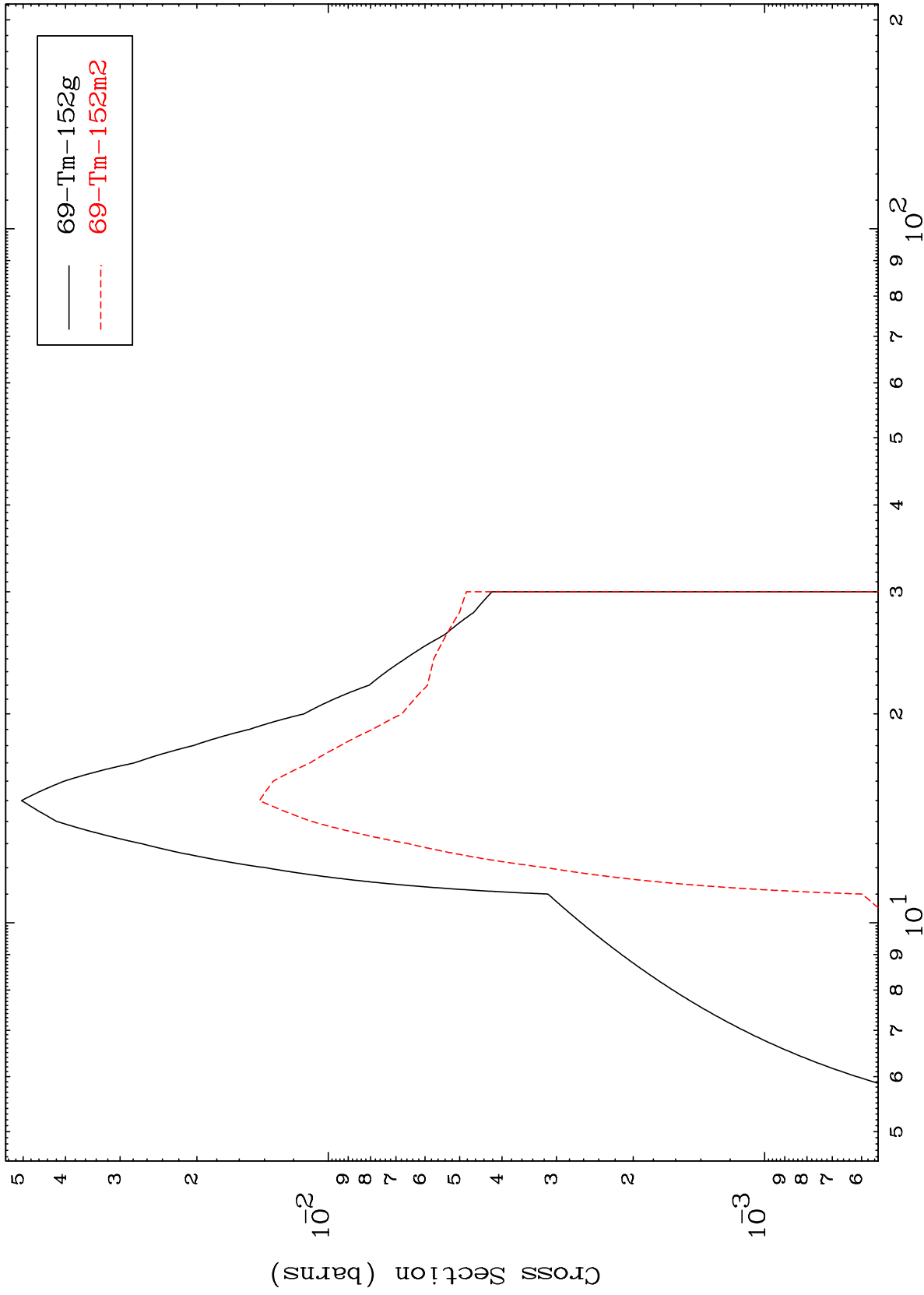
70-Yb-156

MAT 6989

(p,n') α

70-Yb-156

Radionuclide Production Cross Section



12

Incident Energy (MeV)

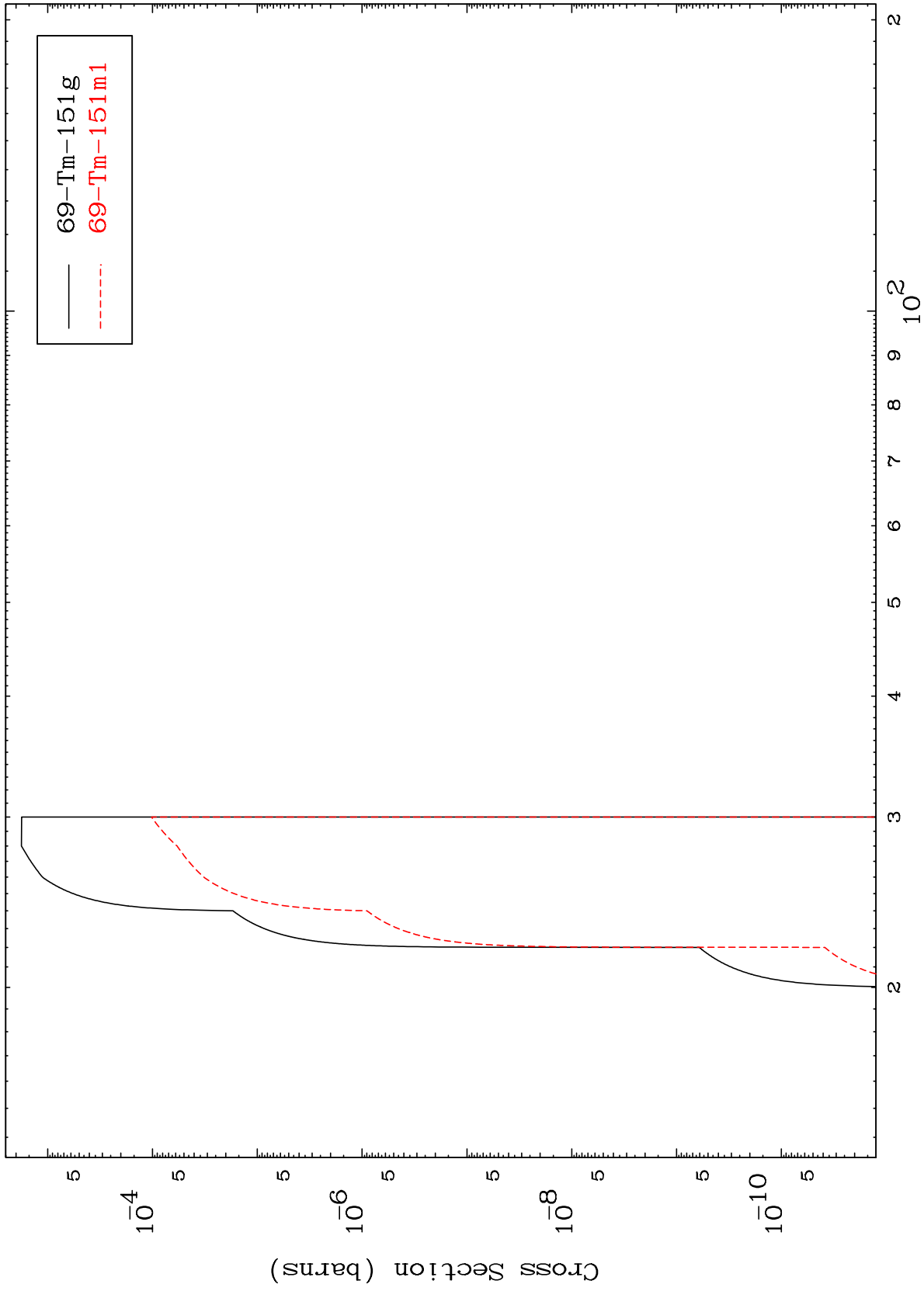
70-Yb-156

MAT 6989

(p,2n) α

70-Yb-156

Radionuclide Production Cross Section



13

Incident Energy (MeV)

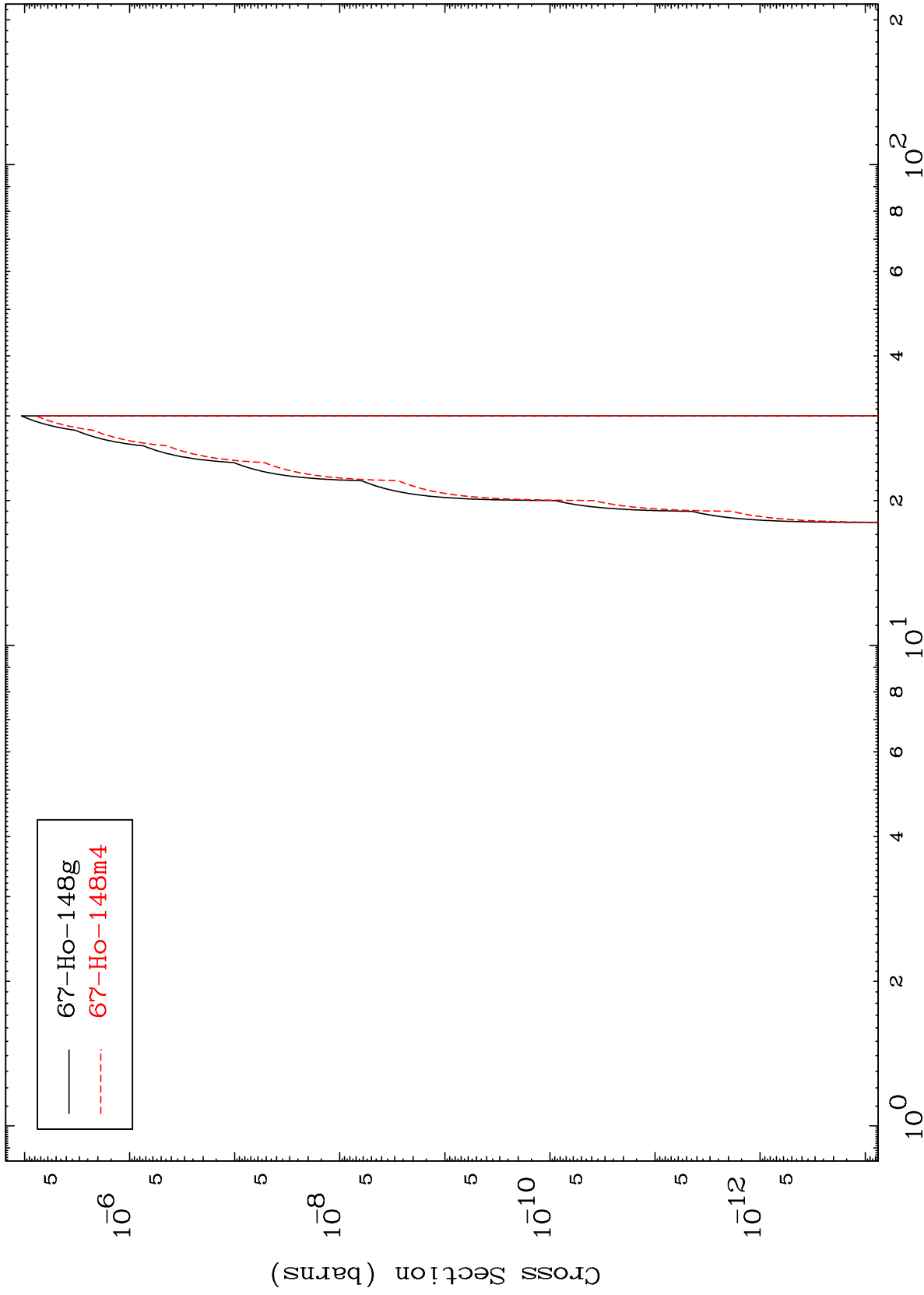
70-Yb-156

MAT 6989

(p,n') 2 α

70-Yb-156

Radionuclide Production Cross Section



14

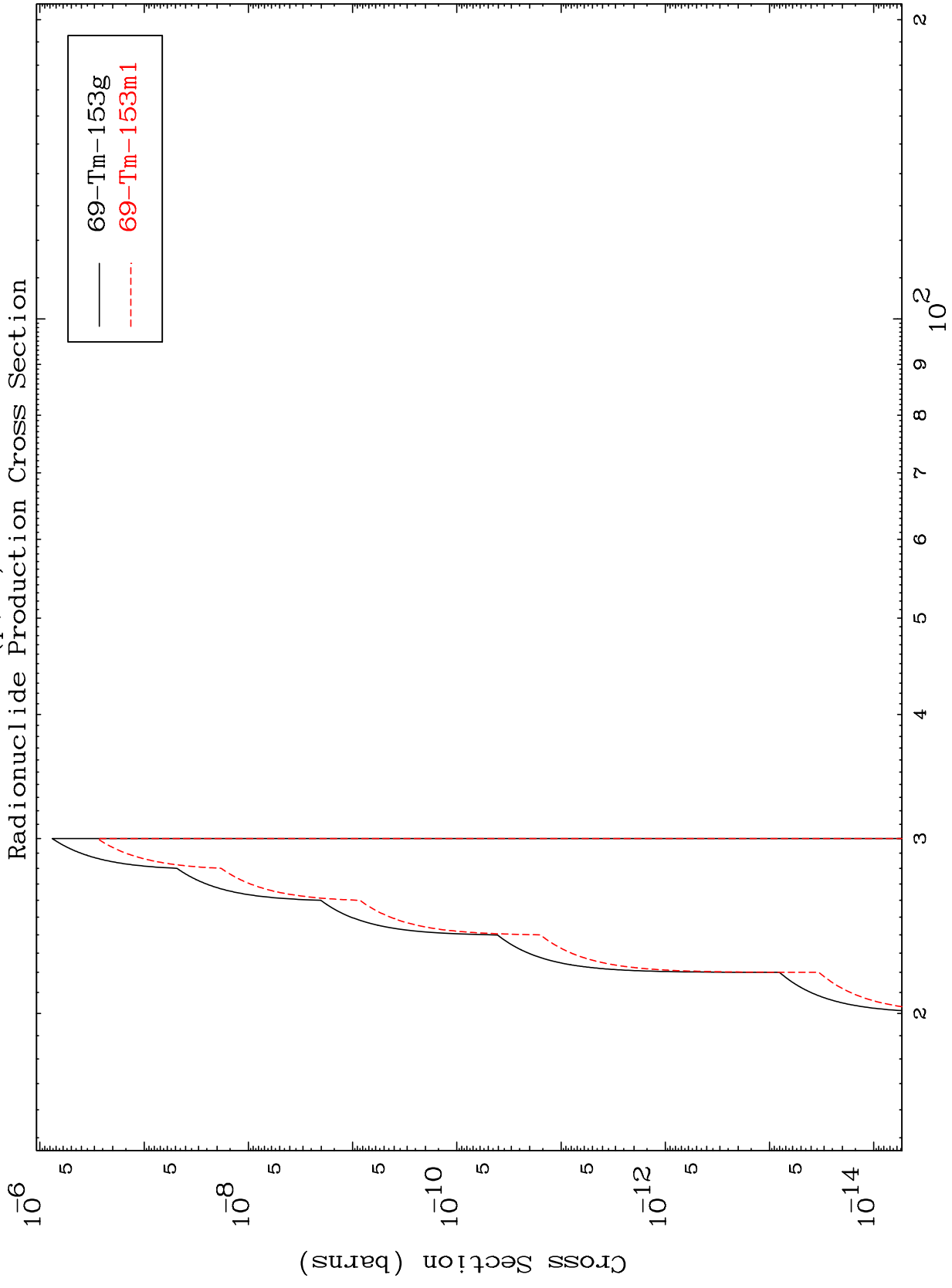
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,n') He-3

70-Yb-156



15

Incident Energy (MeV)

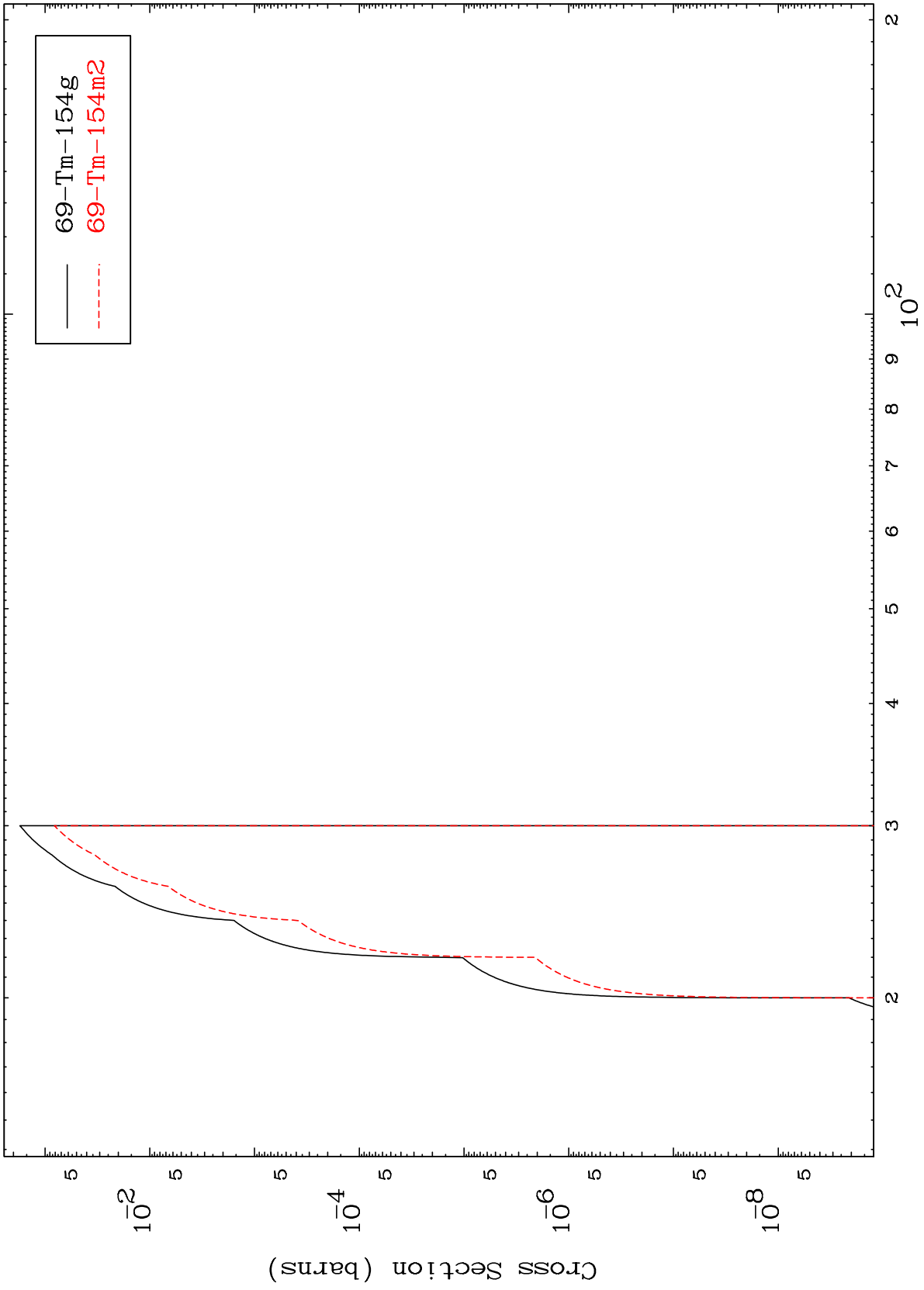
70-Yb-156

MAT 6989

(p,2n) p

70-Yb-156

Radionuclide Production Cross Section



16

Incident Energy (MeV)

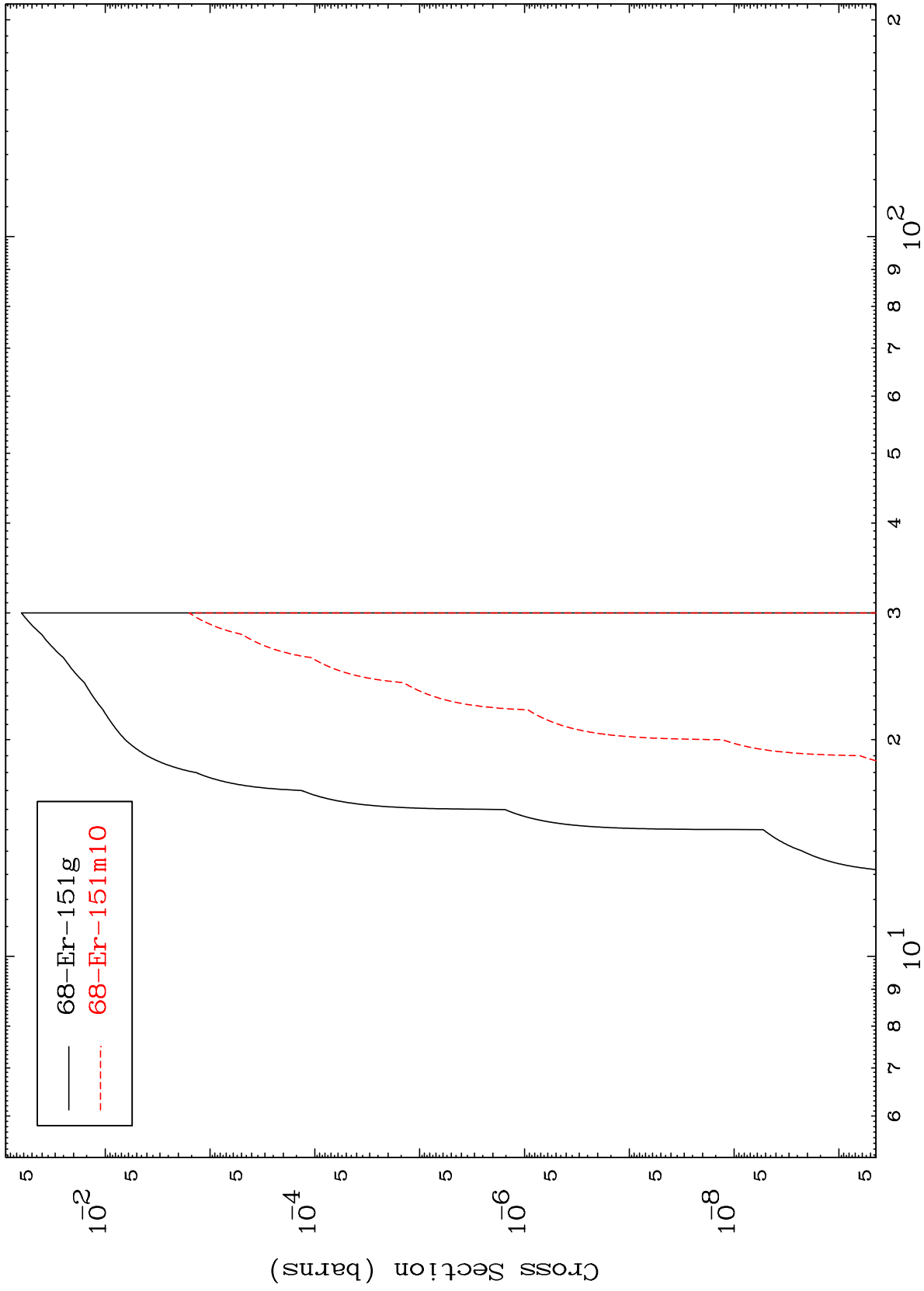
70-Yb-156

MAT 6989

(p,n') p α

70-Yb-156

Radionuclide Production Cross Section



17

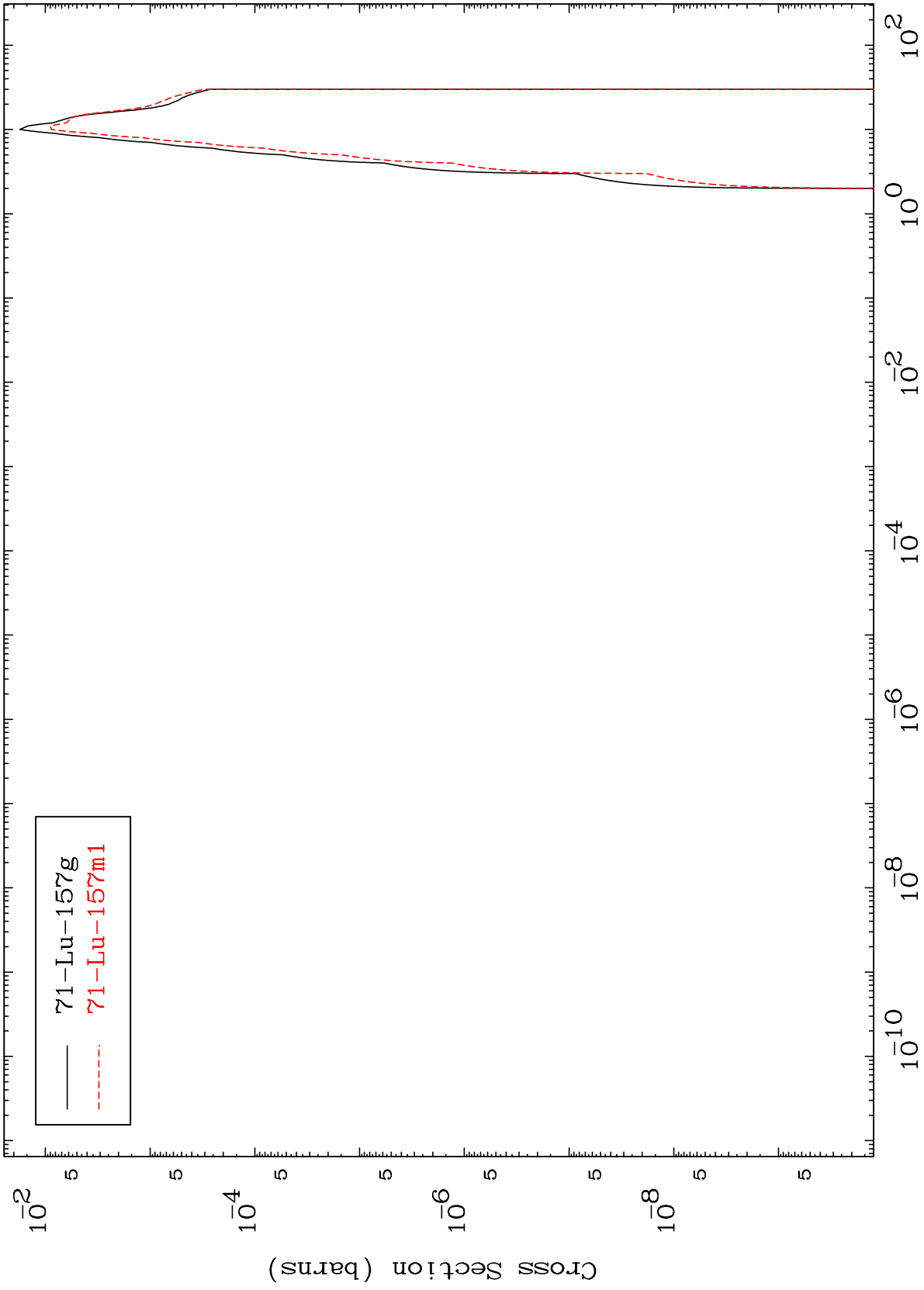
Incident Energy (MeV)

70-Yb-156

MAT 6989

Radionuclide Production Cross Section
(p, γ)

70-Yb-156

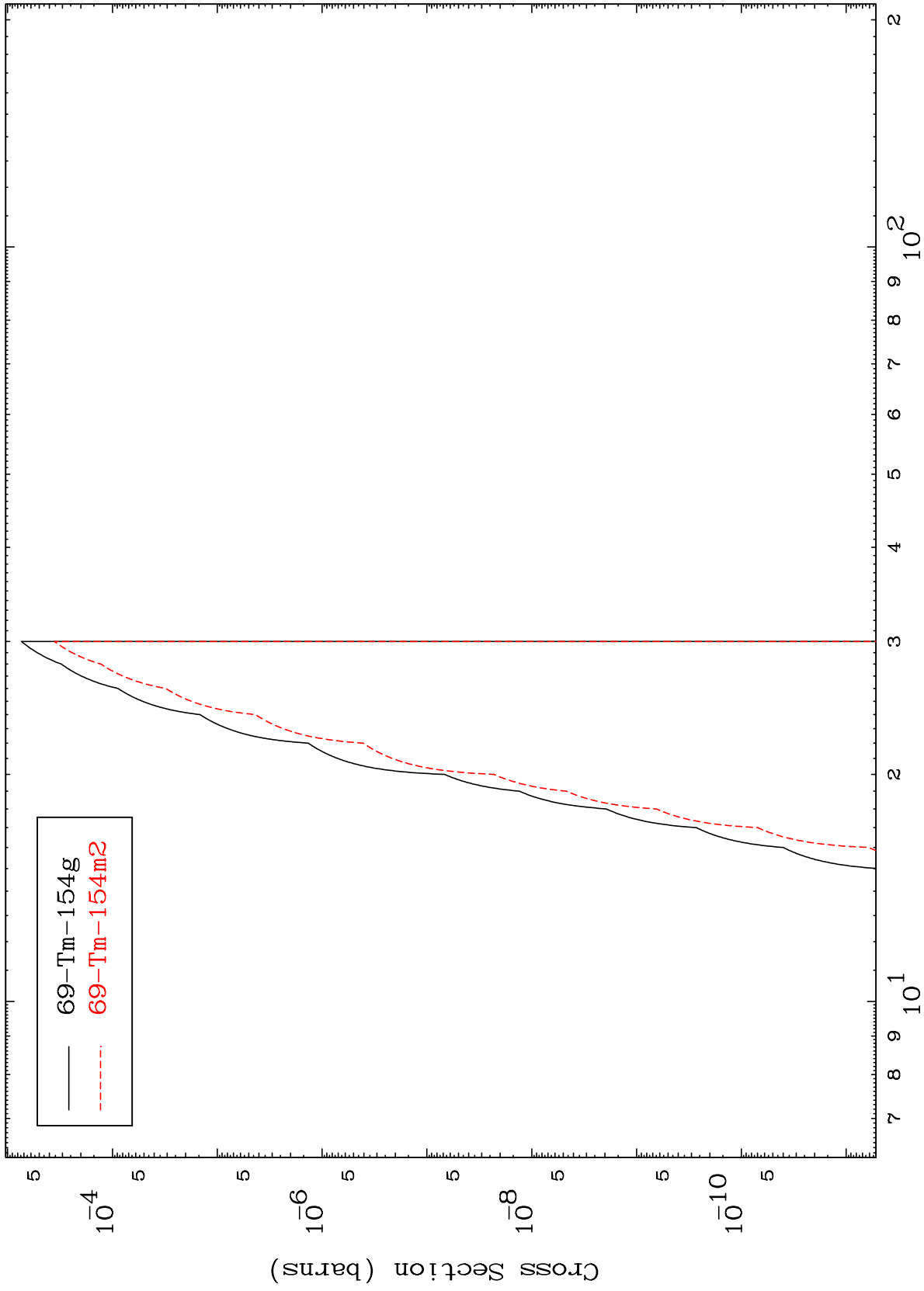


MAT 6989

(p,He-3)

70-Yb-156

Radionuclide Production Cross Section



19

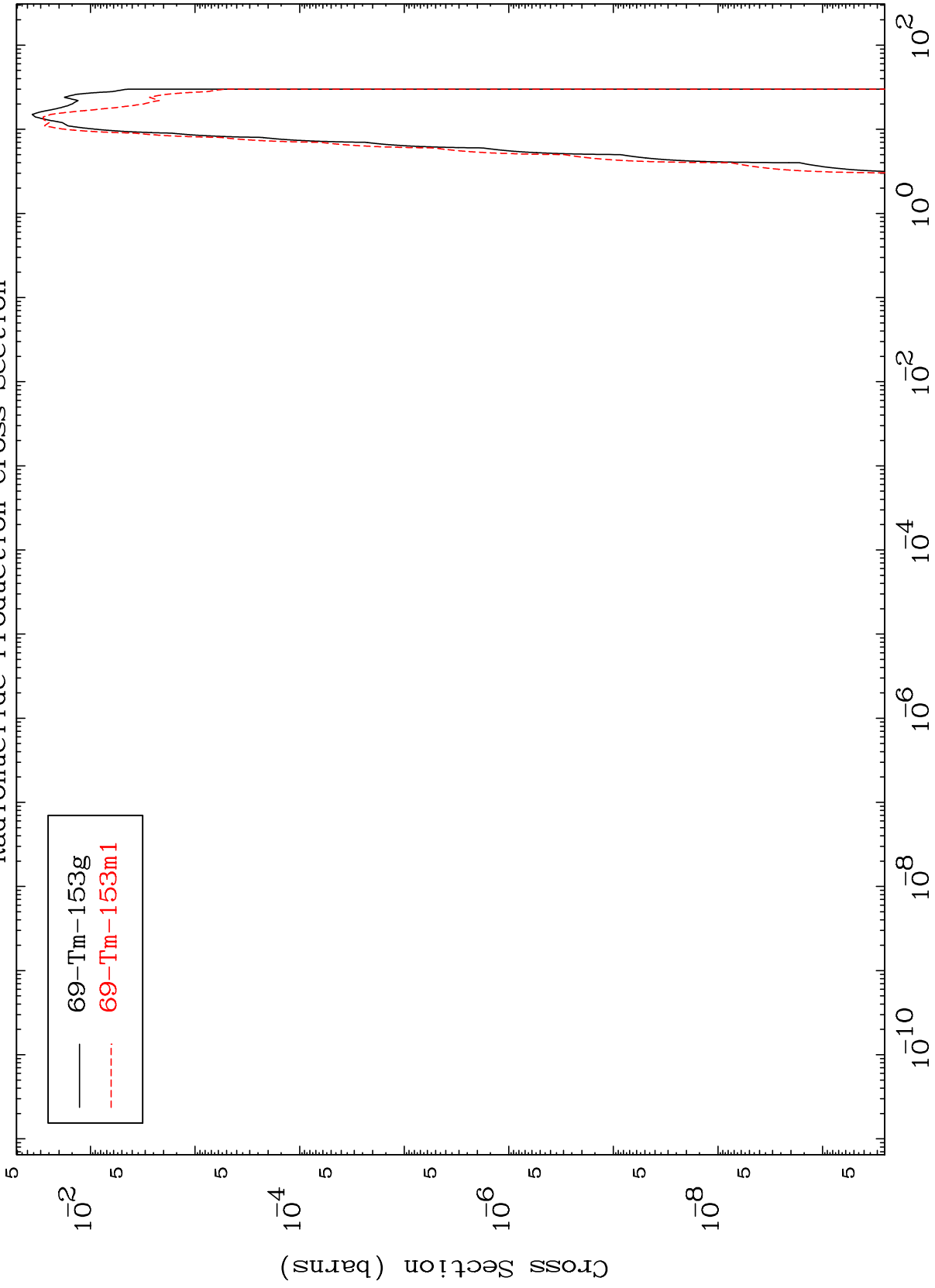
Incident Energy (MeV)

70-Yb-156

MAT 6989

Radionuclide Production Cross Section
(p, α)

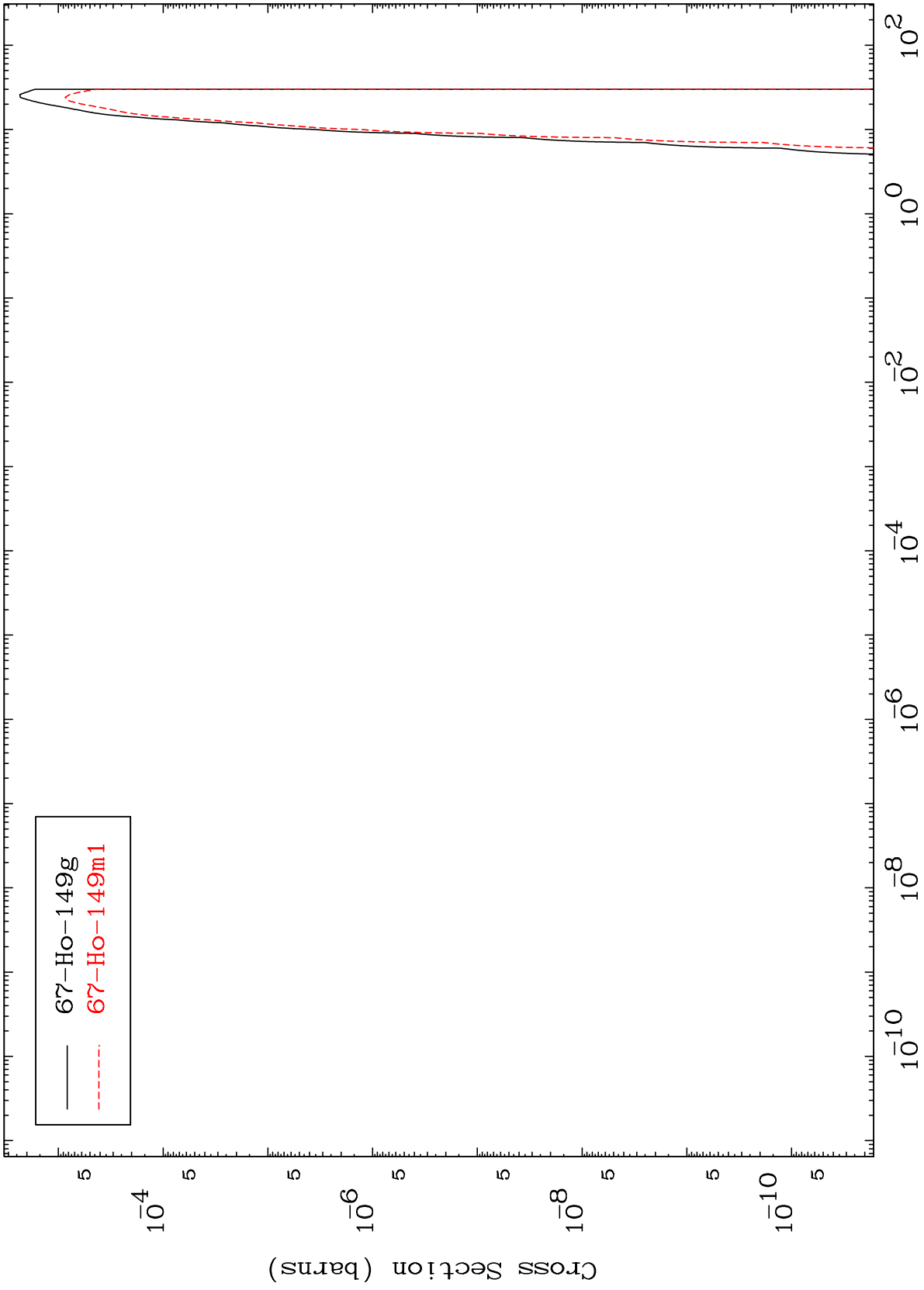
⁷⁰Yb-156



MAT 6989

Radionuclide Production Cross Section
(p,2 α)

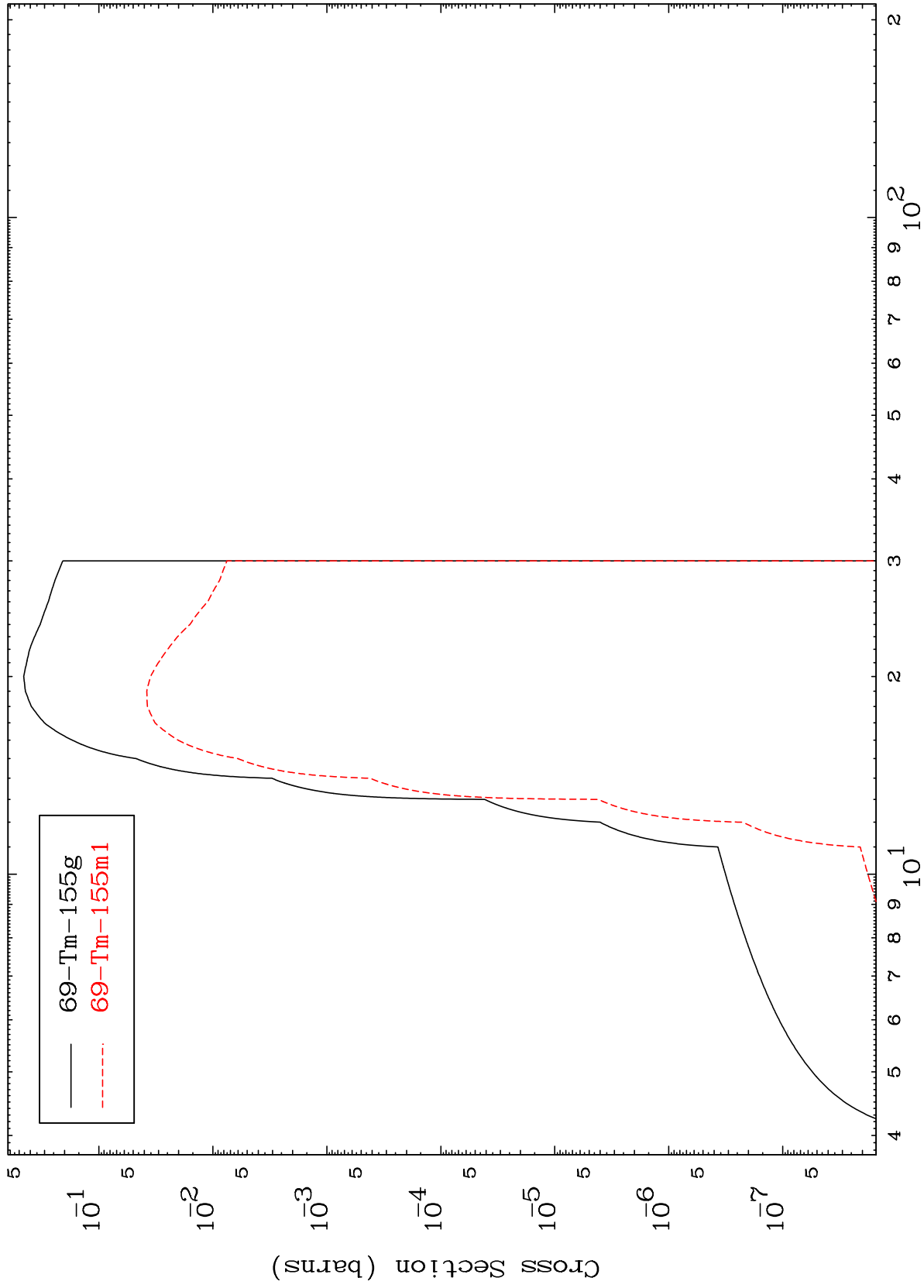
70-Yb-156



MAT 6989

Radionuclide Production Cross Section
(p,2p)

70-Yb-156



22

Incident Energy (MeV)

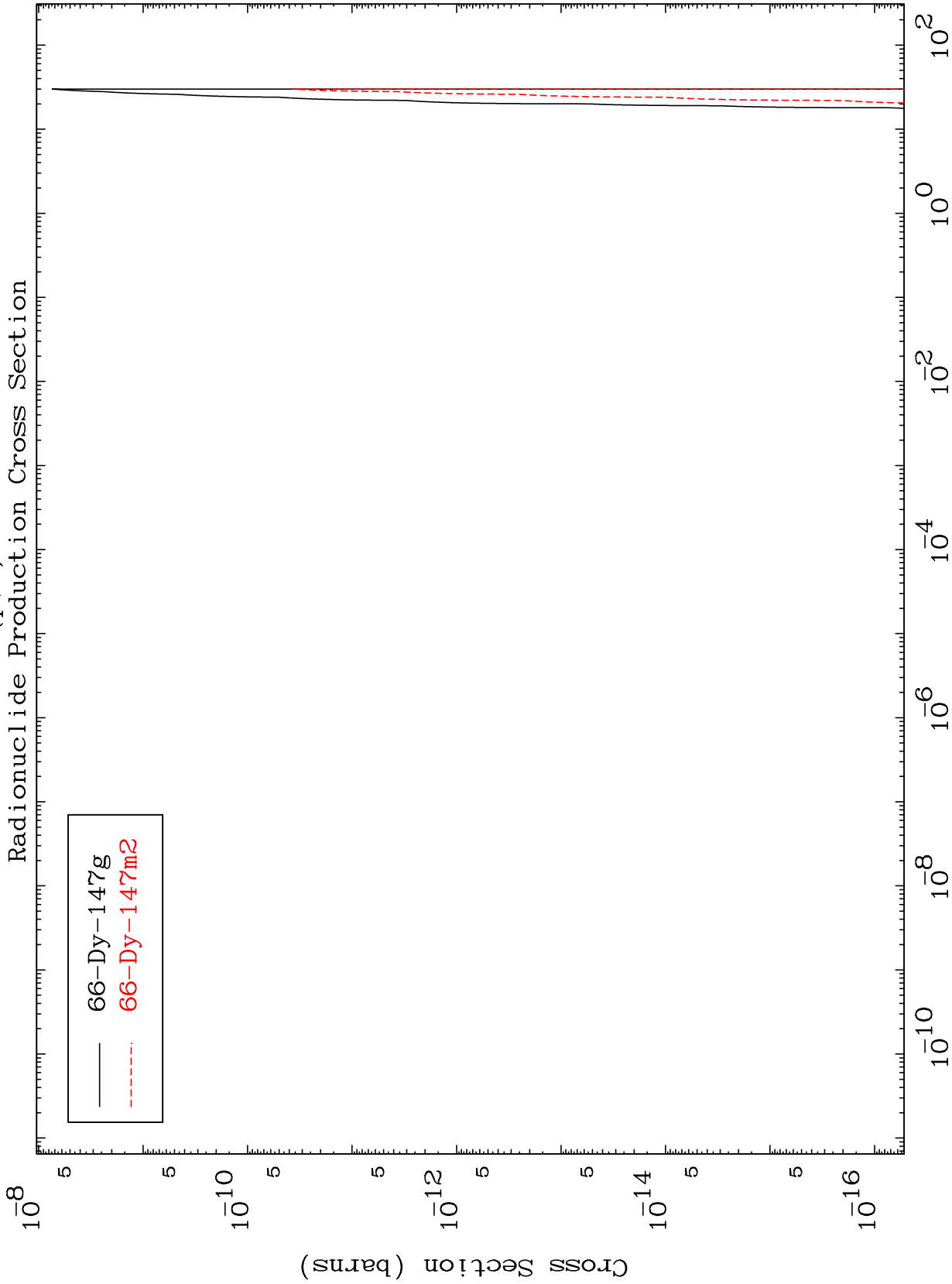
70-Yb-156

MAT 6989

(p,d) 2α

$^{70}\text{Yb-156}$

Radionuclide Production Cross Section



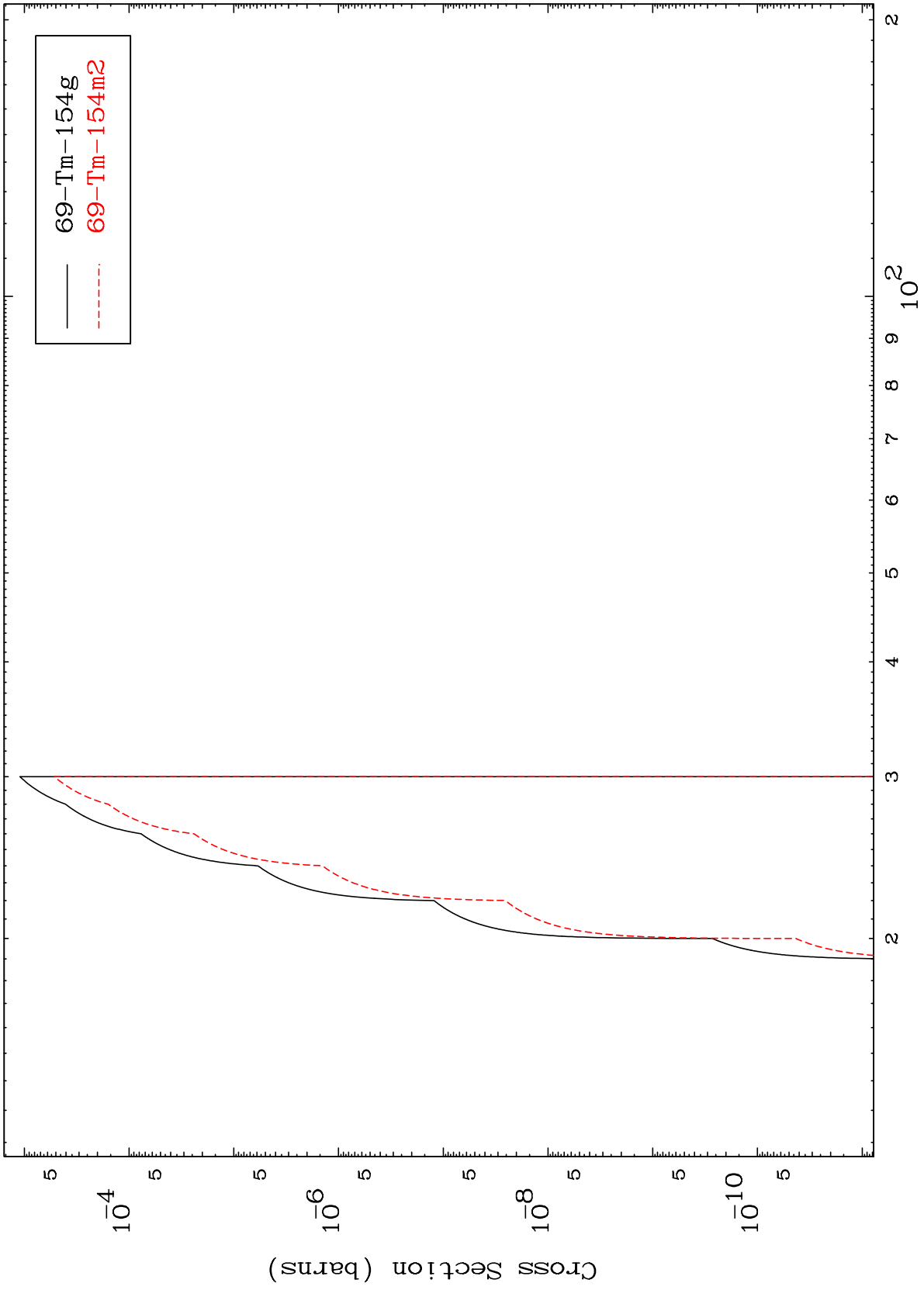
— $^{66}\text{Dy-147g}$
- - - $^{66}\text{Dy-147m2}$

MAT 6989

(p,p) d

70-Yb-156

Radionuclide Production Cross Section



24

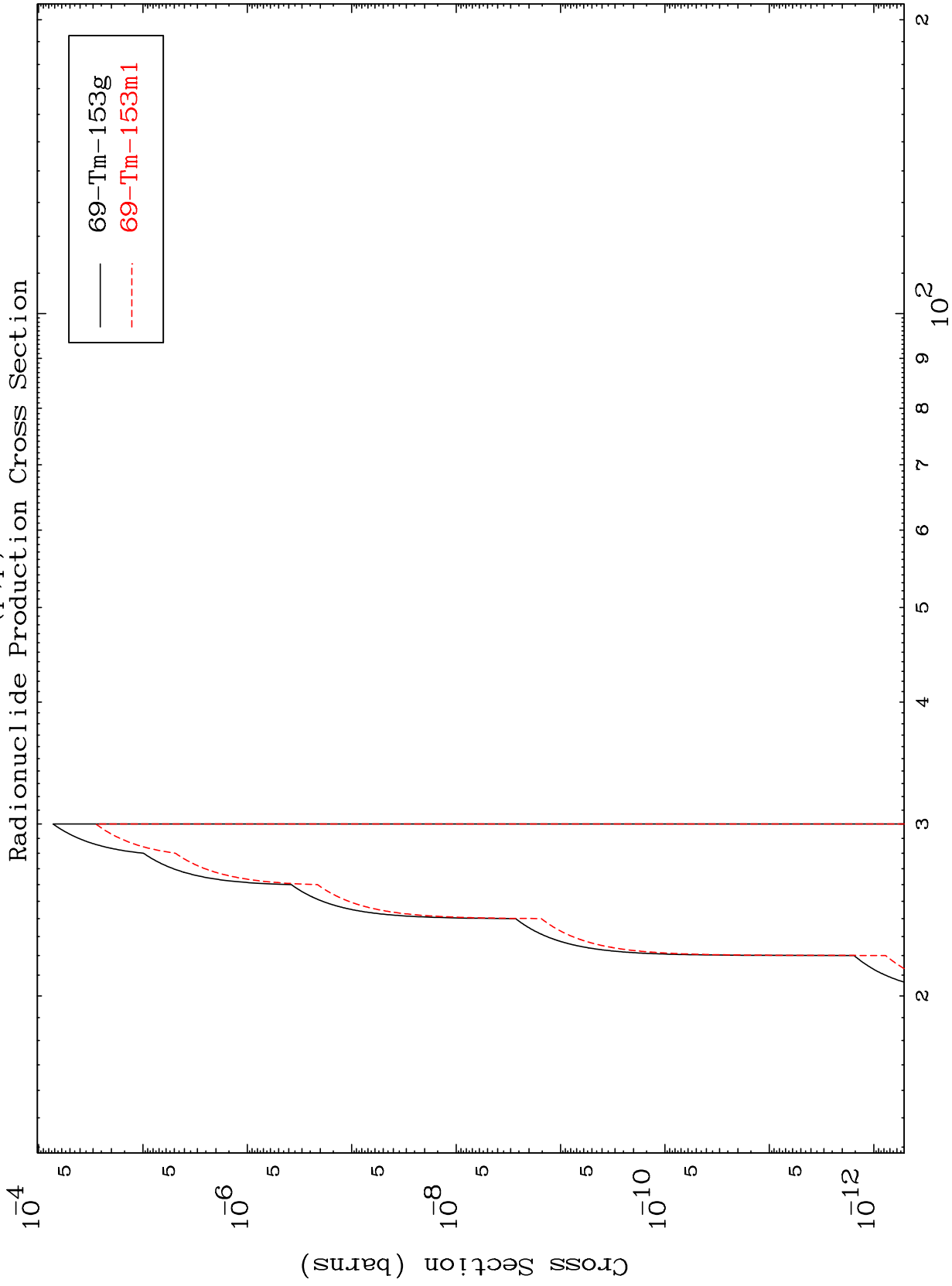
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,p) t

70-Yb-156



25

Incident Energy (MeV)

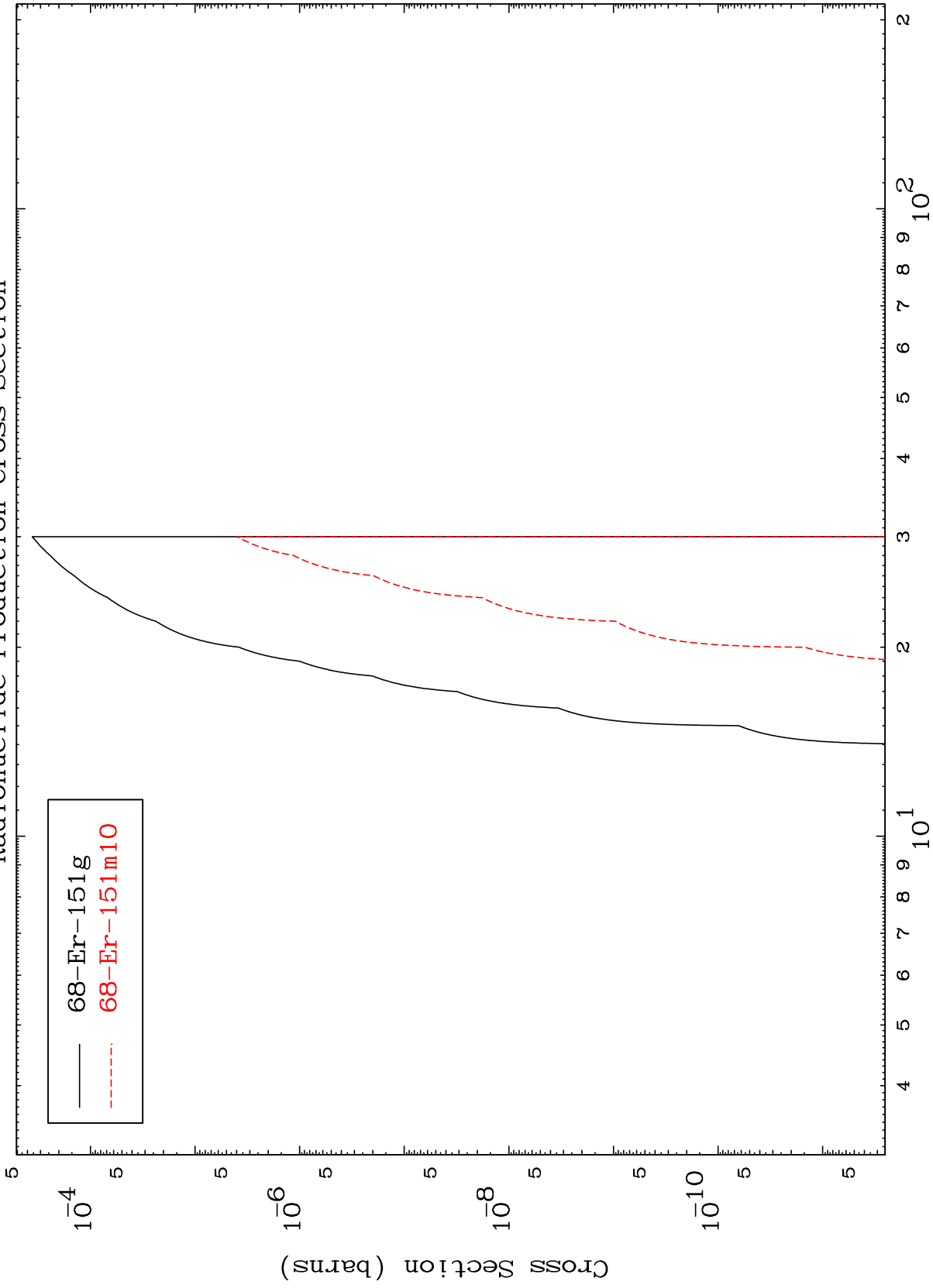
70-Yb-156

MAT 6989

(p,d) α

70-Yb-156

Radionuclide Production Cross Section



68-Er-151g
68-Er-151m10