

Program EVALPLOT
(Version 2017-1)

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

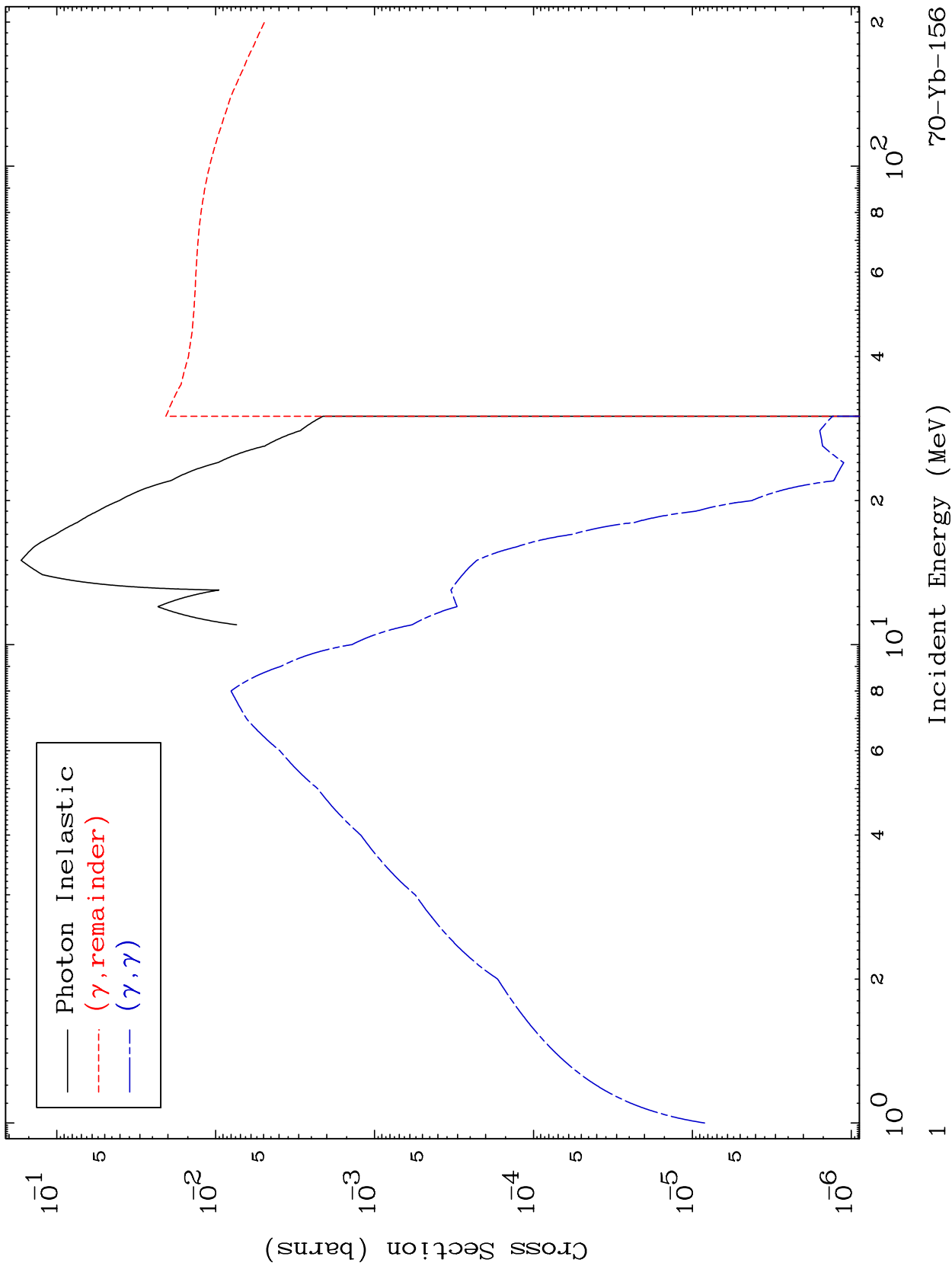
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6989

Photon Major
0 Kelvin Cross Sections

70-Yb-156



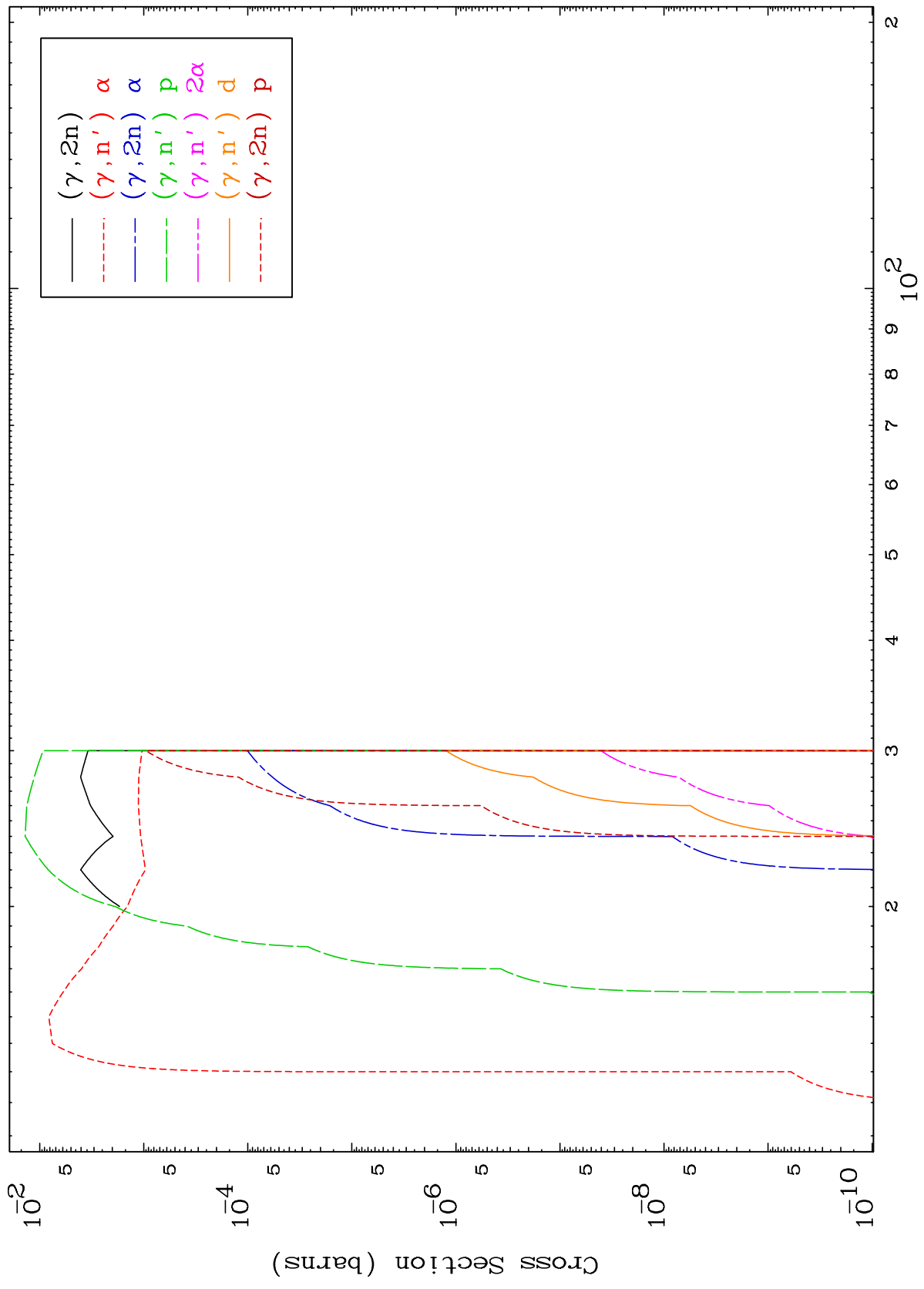
70-Yb-156

Incident Energy (MeV)

MAT 6989

Photon Neutron Production
0 Kelvin Cross Sections

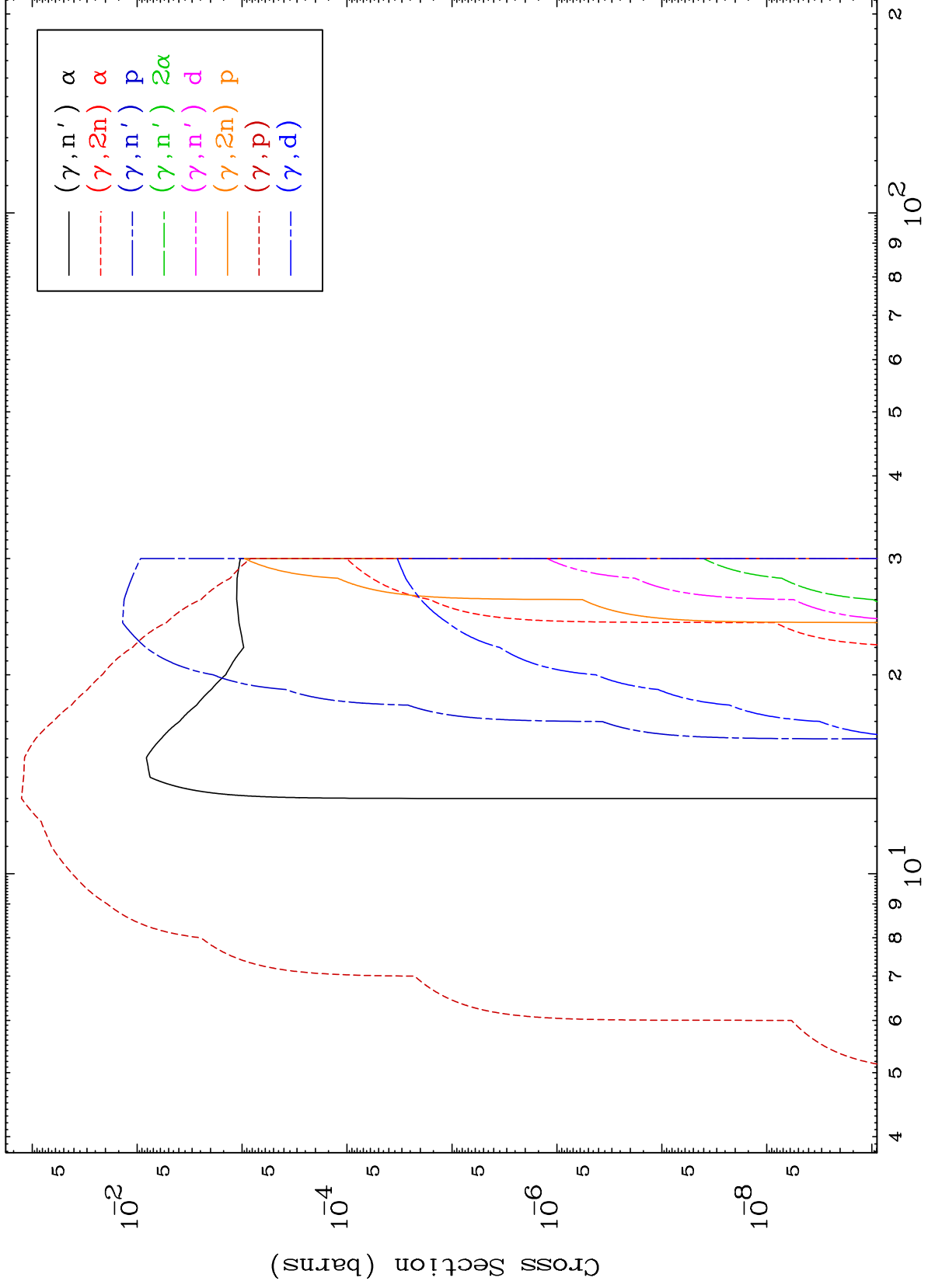
70-Yb-156



2

Incident Energy (MeV)

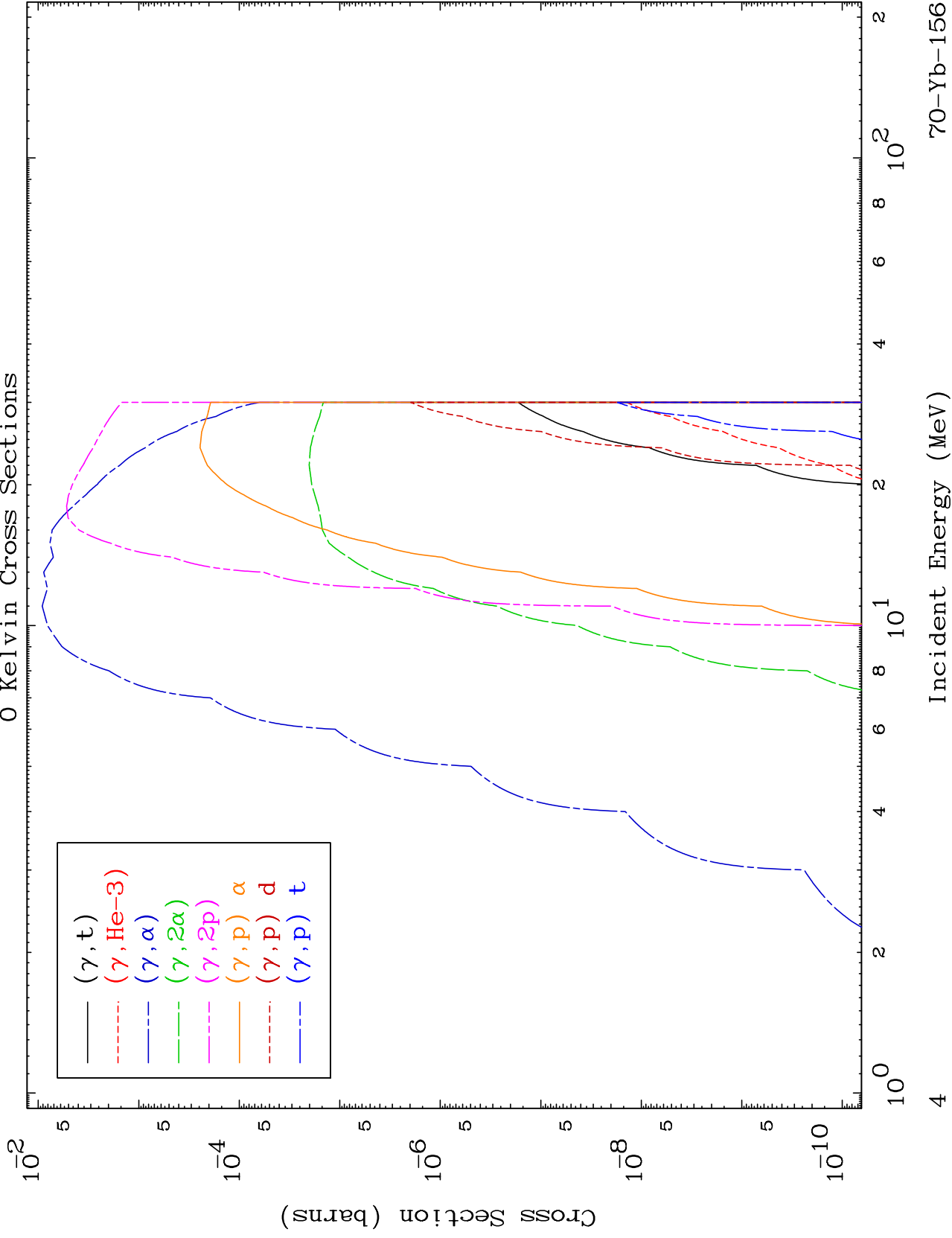
70-Yb-156



MAT 6989

Photon Charged Particle
0 Kelvin Cross Sections

70-Yb-156

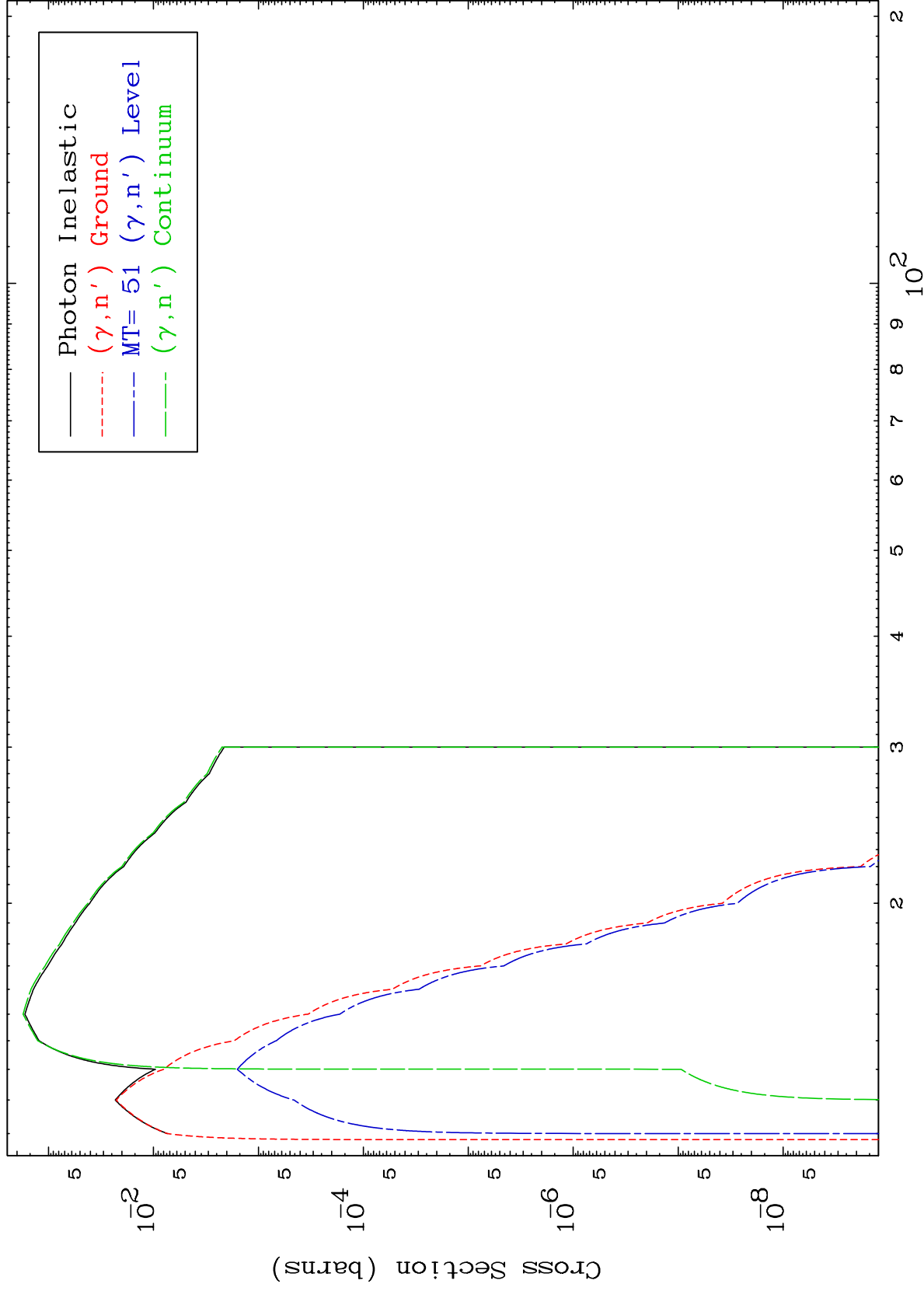


MAT 6989

(γ, n') Level

70-Yb-156

0 Kelvin Cross Sections



Incident Energy (MeV)

70-Yb-156

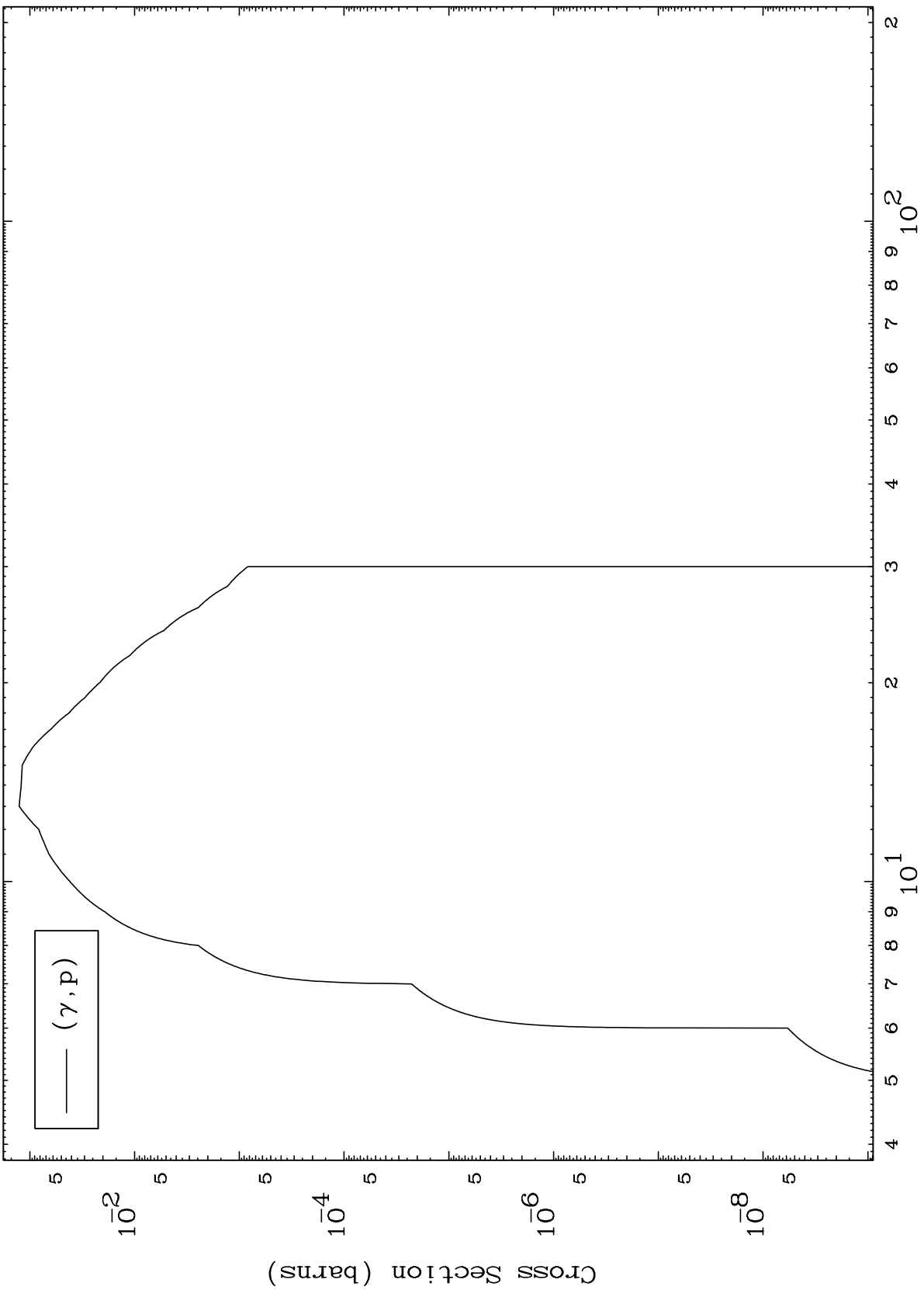
5

MAT 6989

(γ, p) Levels

70-Yb-156

0 Kelvin Cross Sections



6

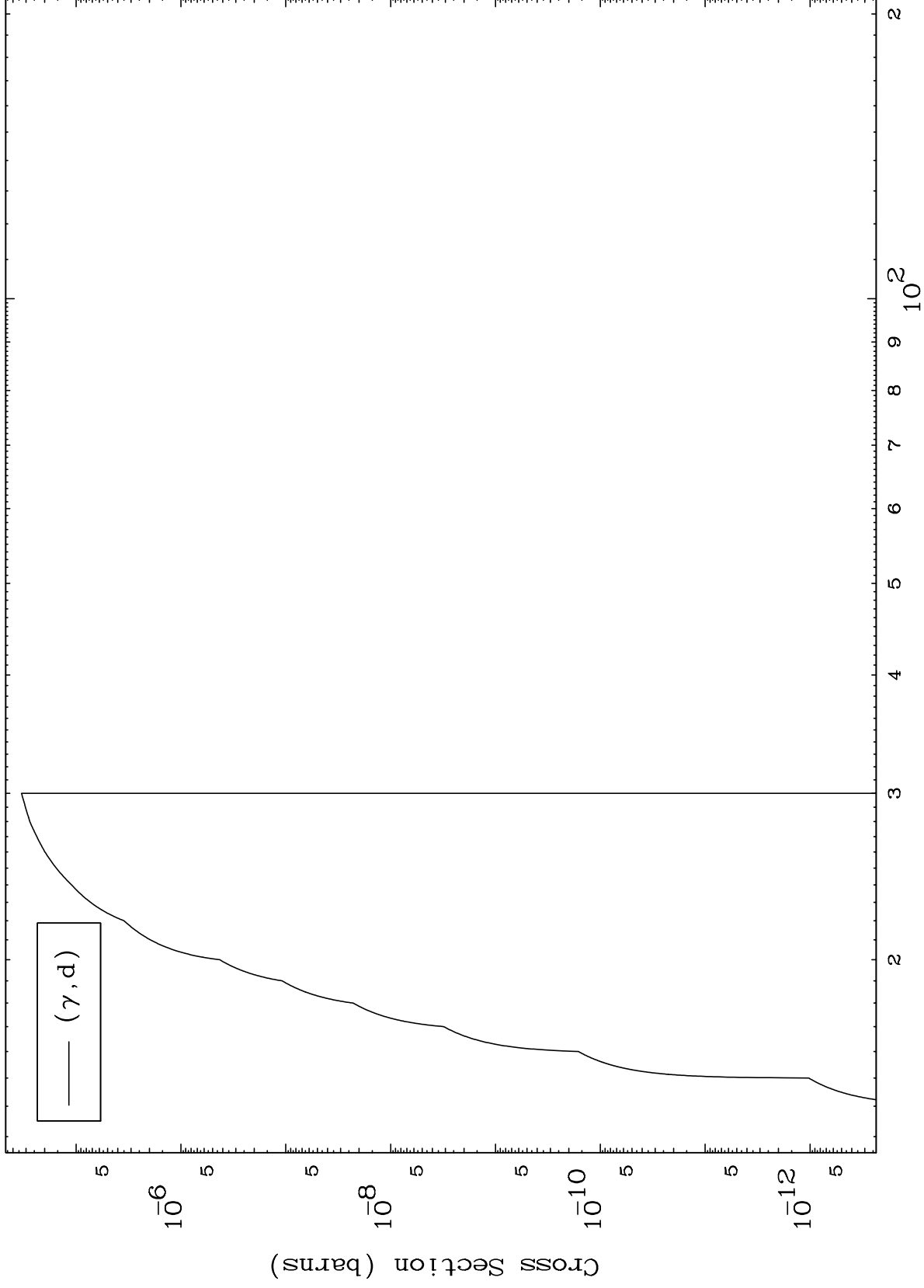
Incident Energy (MeV)

70-Yb-156

MAT 6989

(γ, d) Levels
0 Kelvin Cross Sections

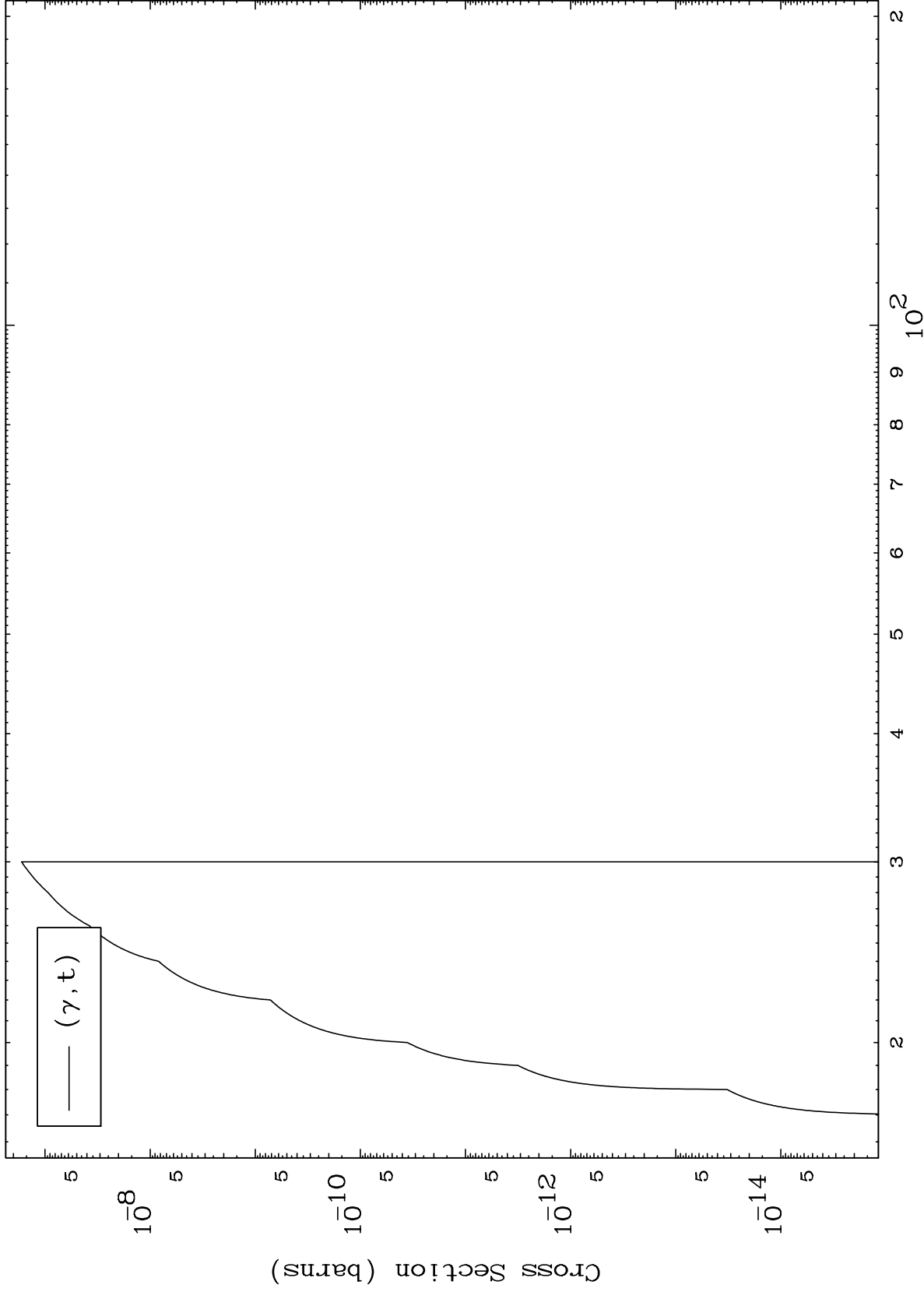
70-Yb-156



7

Incident Energy (MeV)

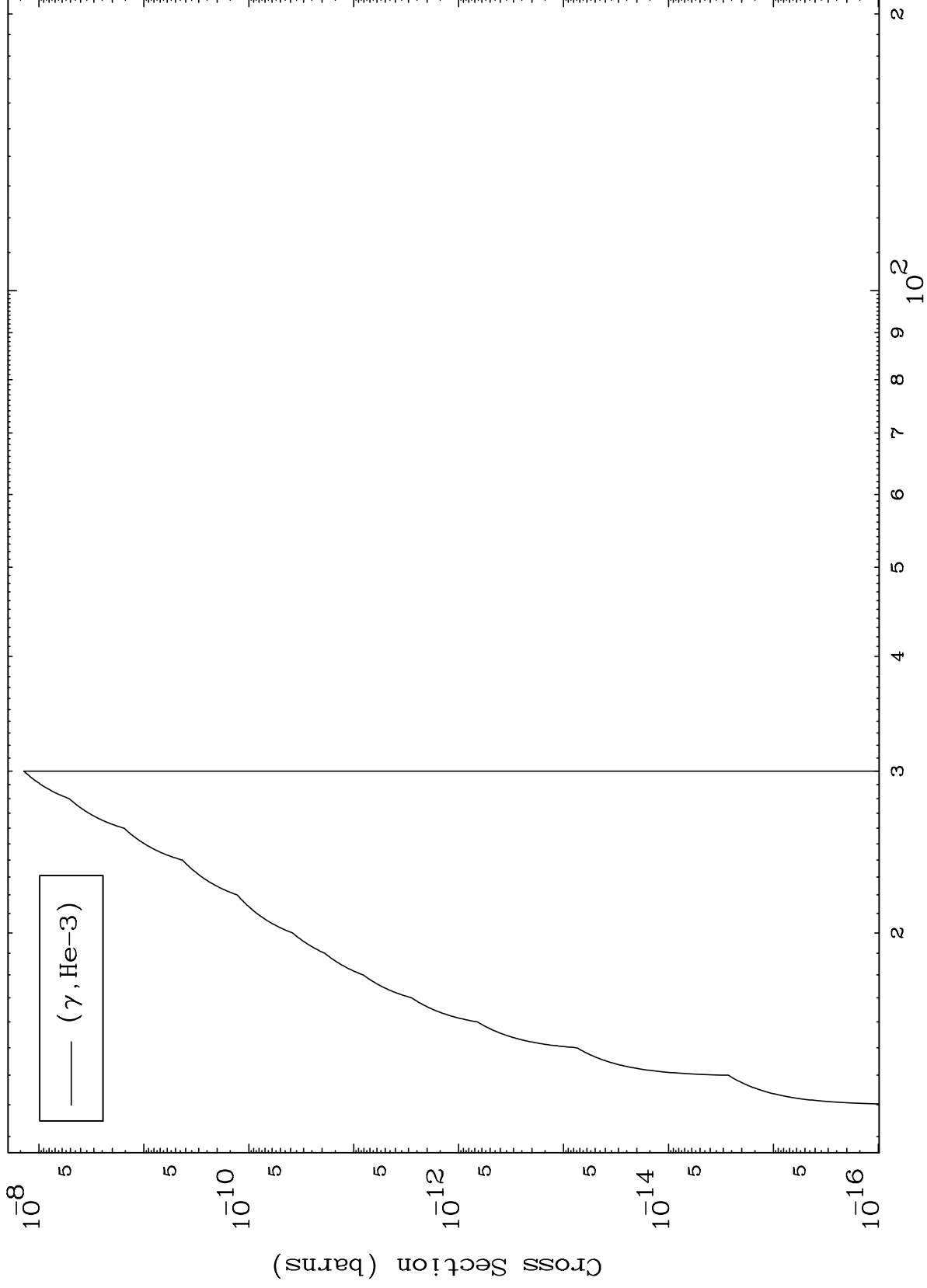
70-Yb-156



MAT 6989

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

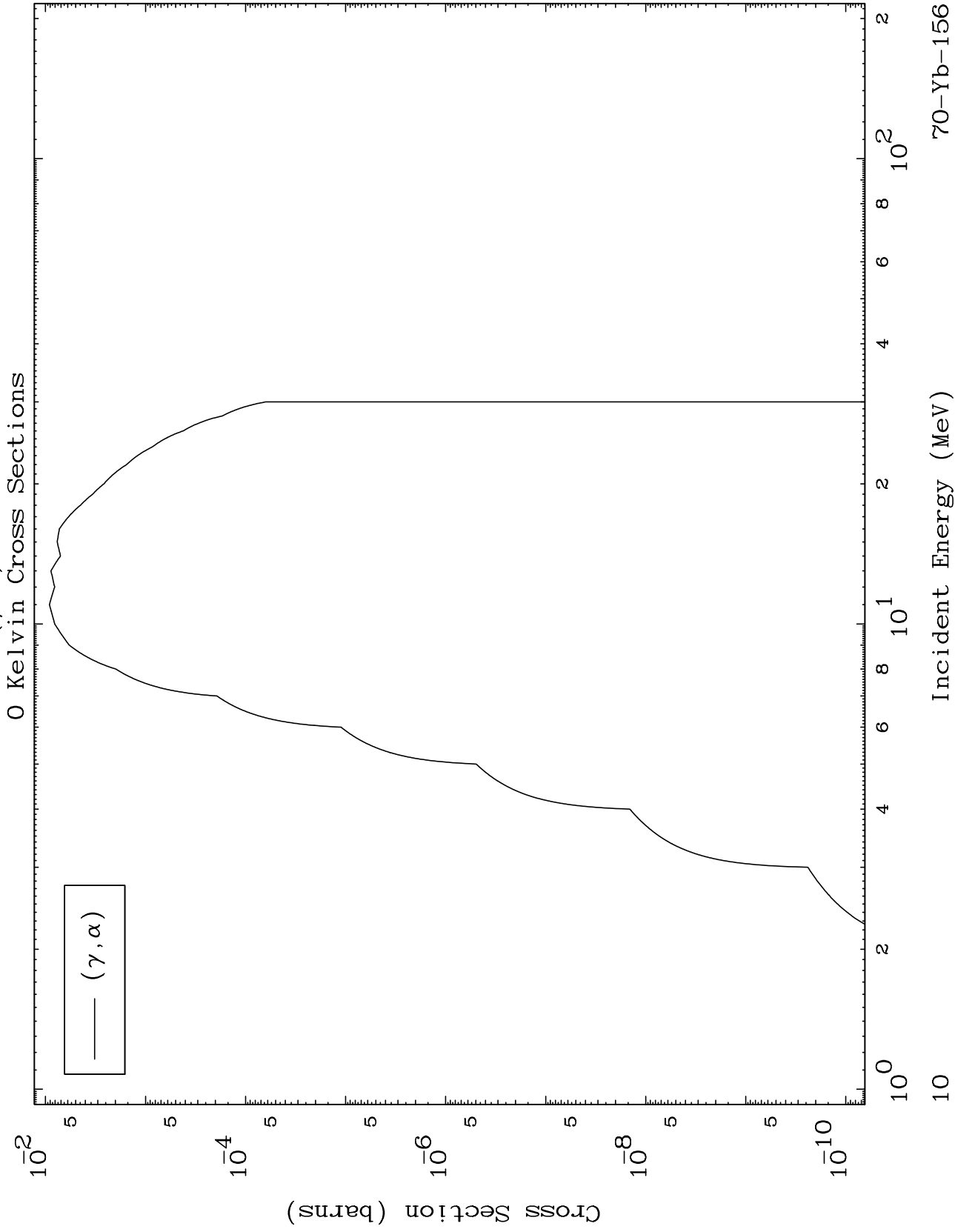
70-Yb-156



MAT 6989

(γ, α) Levels

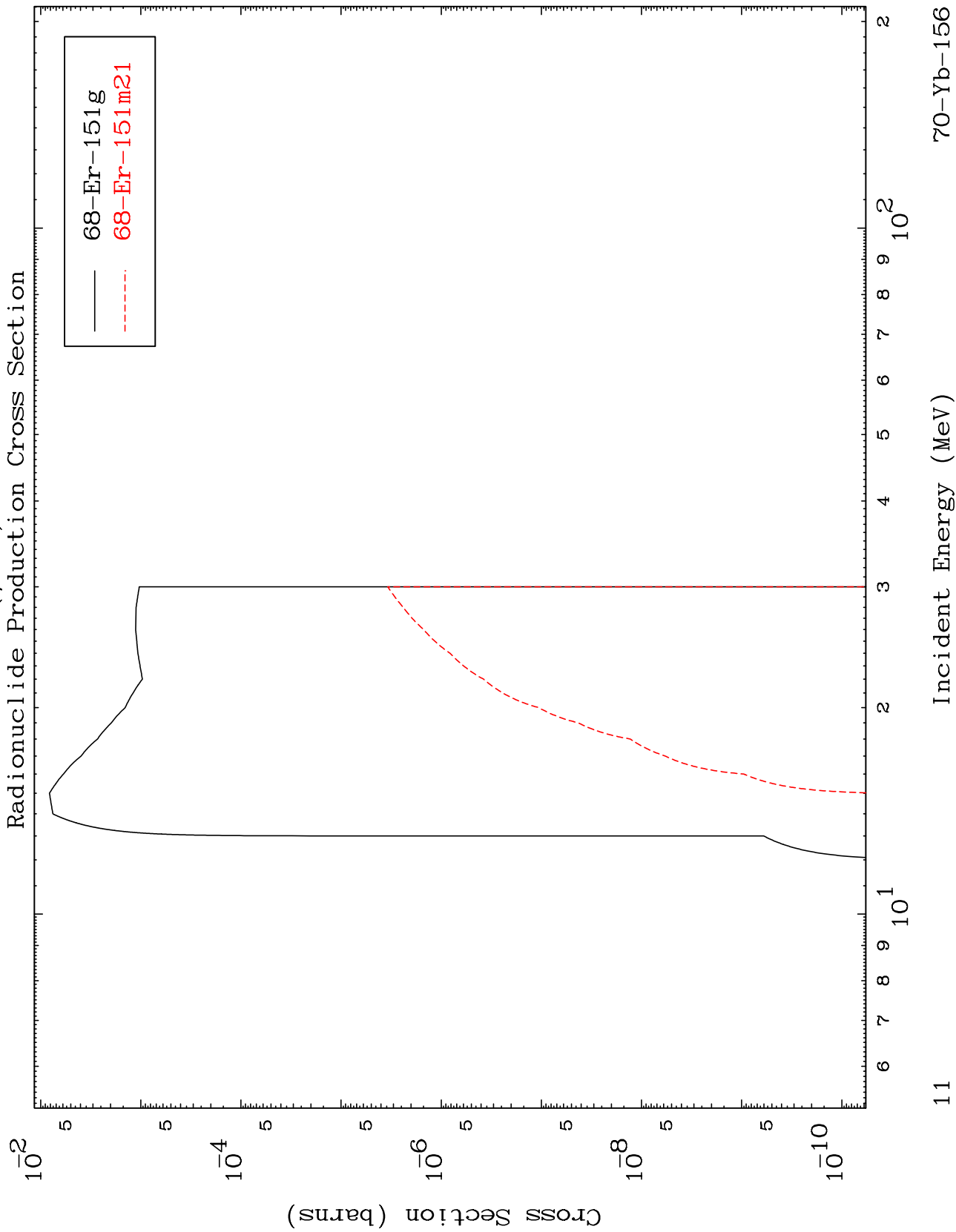
$^{70}\text{Yb}-156$



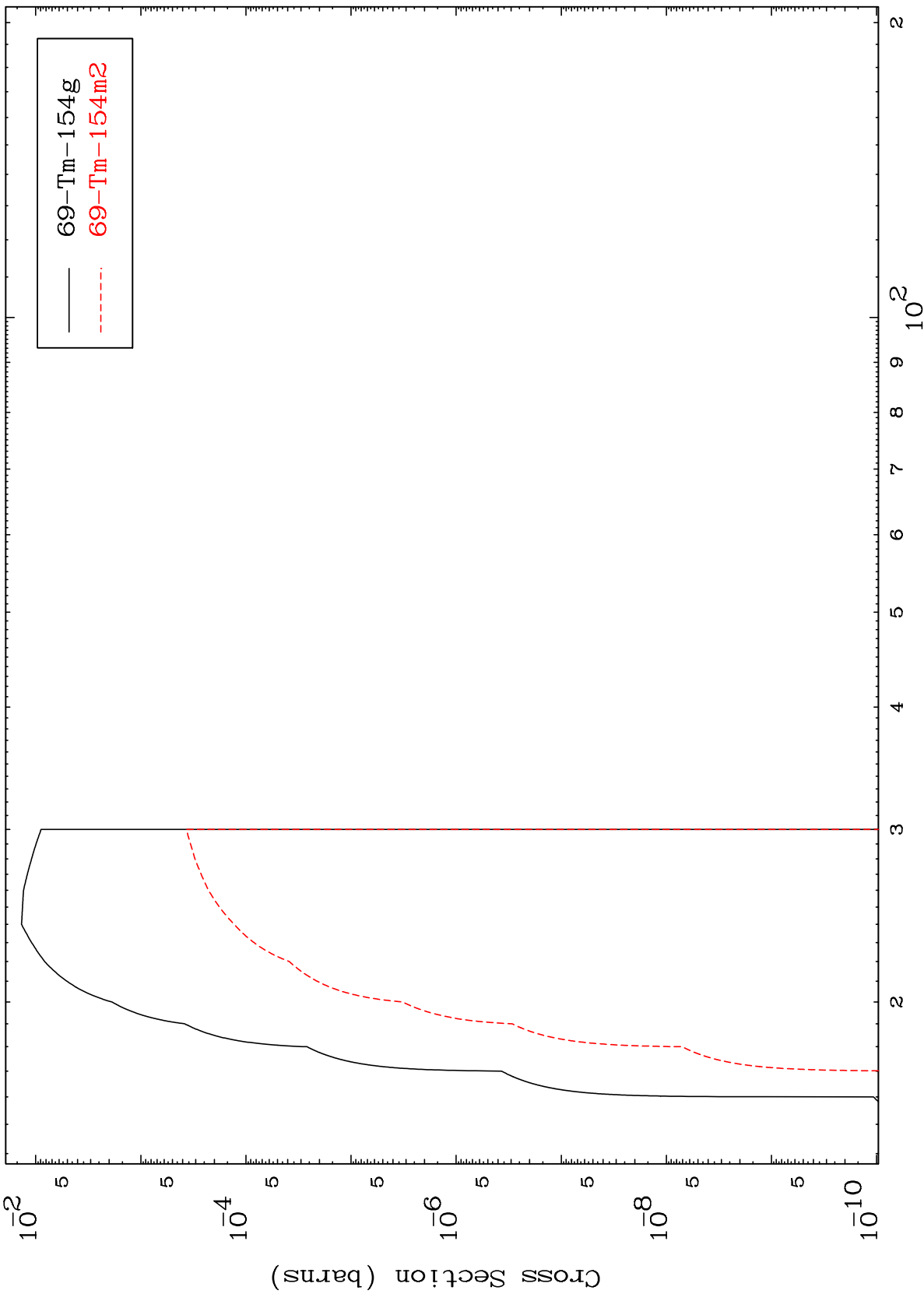
MAT 6989

(γ, n') α

70-Yb-156



Radionuclide Production Cross Section

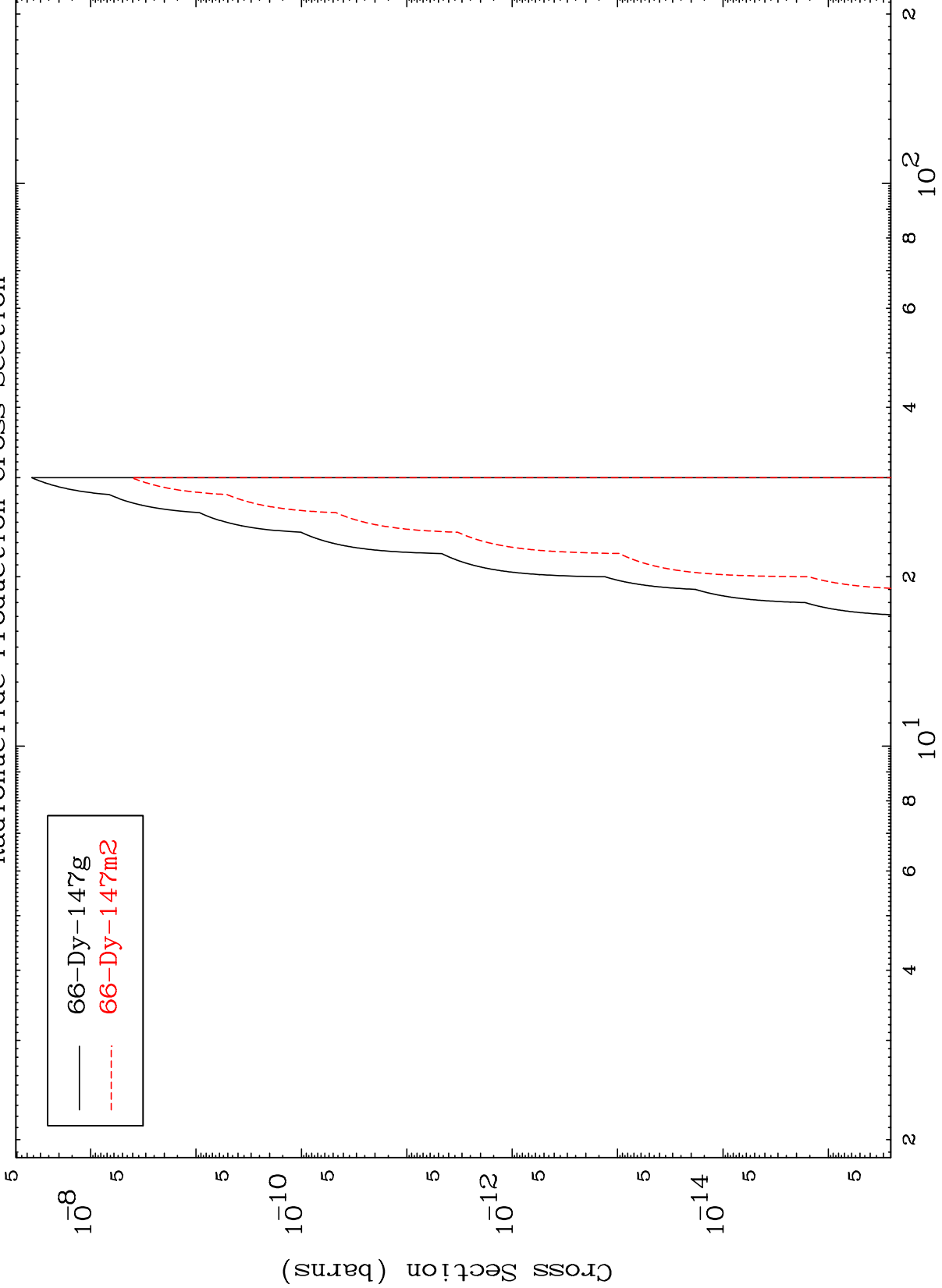


MAT 6989

(γ, n') 2α

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

Radionuclide Production Cross Section

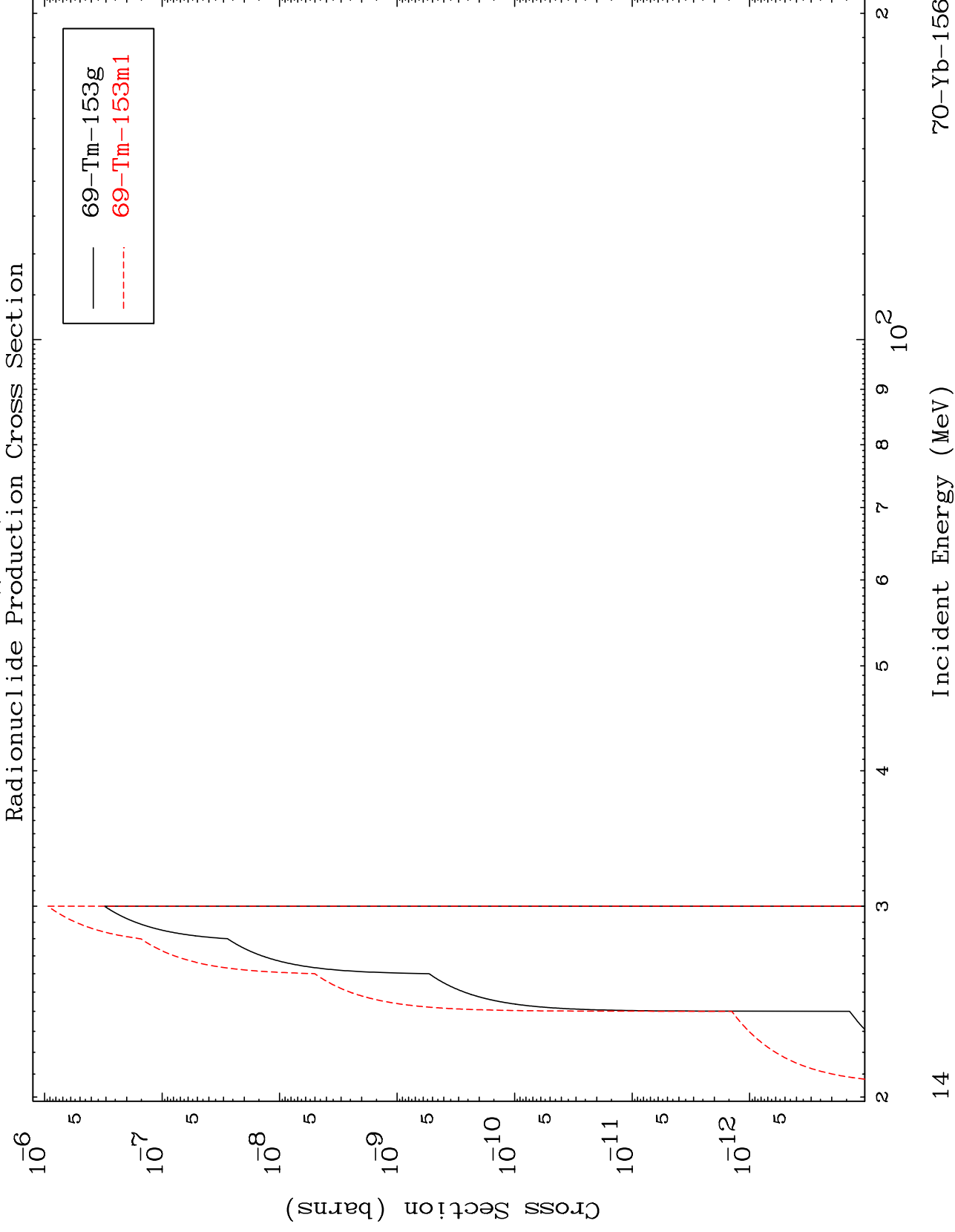


— $^{66}\text{Dy-147g}$
- - - $^{66}\text{Dy-147m2}$

MAT 6989

(γ, n') d

70-Yb-156



14

Incident Energy (MeV)

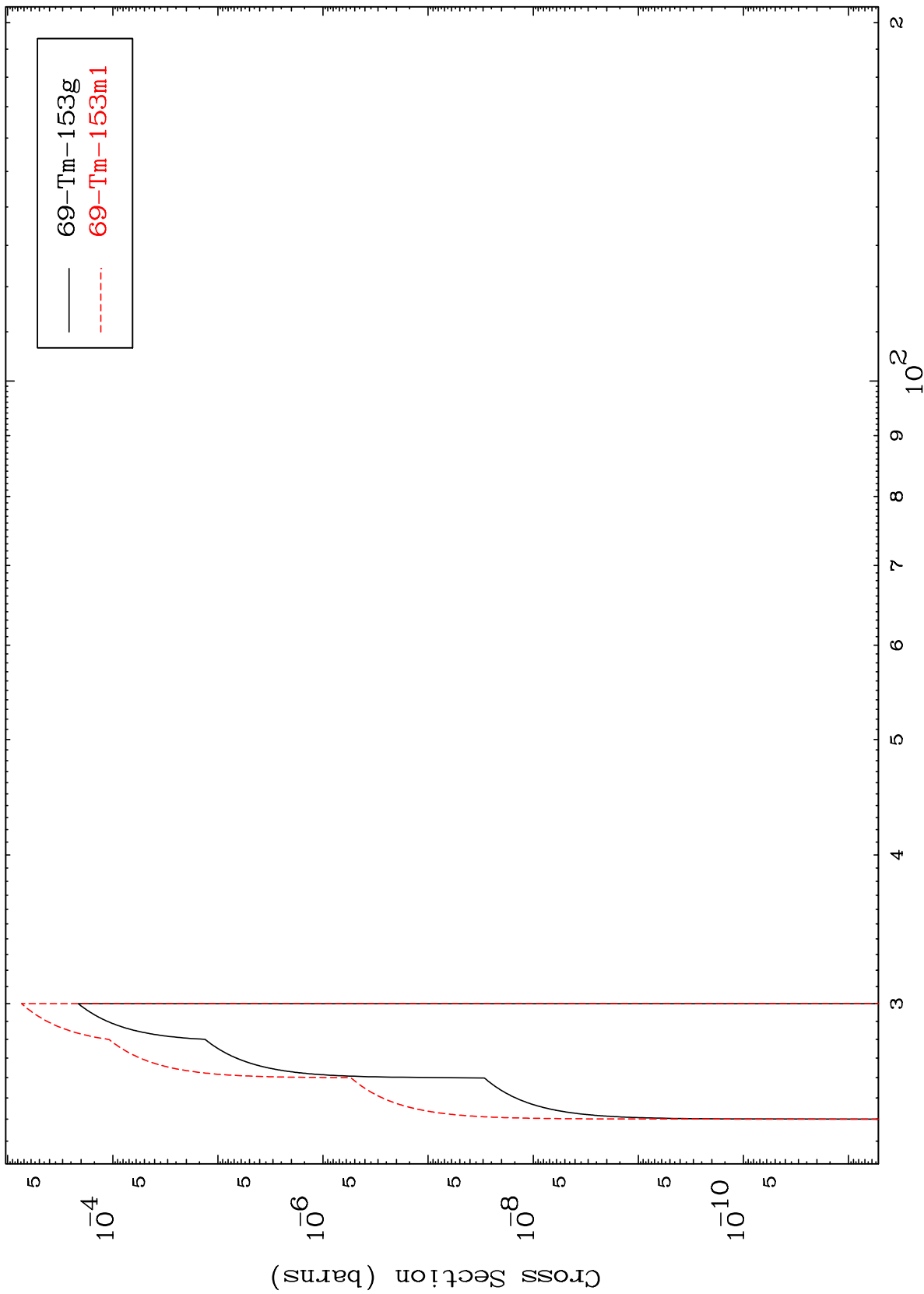
70-Yb-156

MAT 6989

($\gamma, 2n$) p

70-Yb-156

Radionuclide Production Cross Section



15

Incident Energy (MeV)

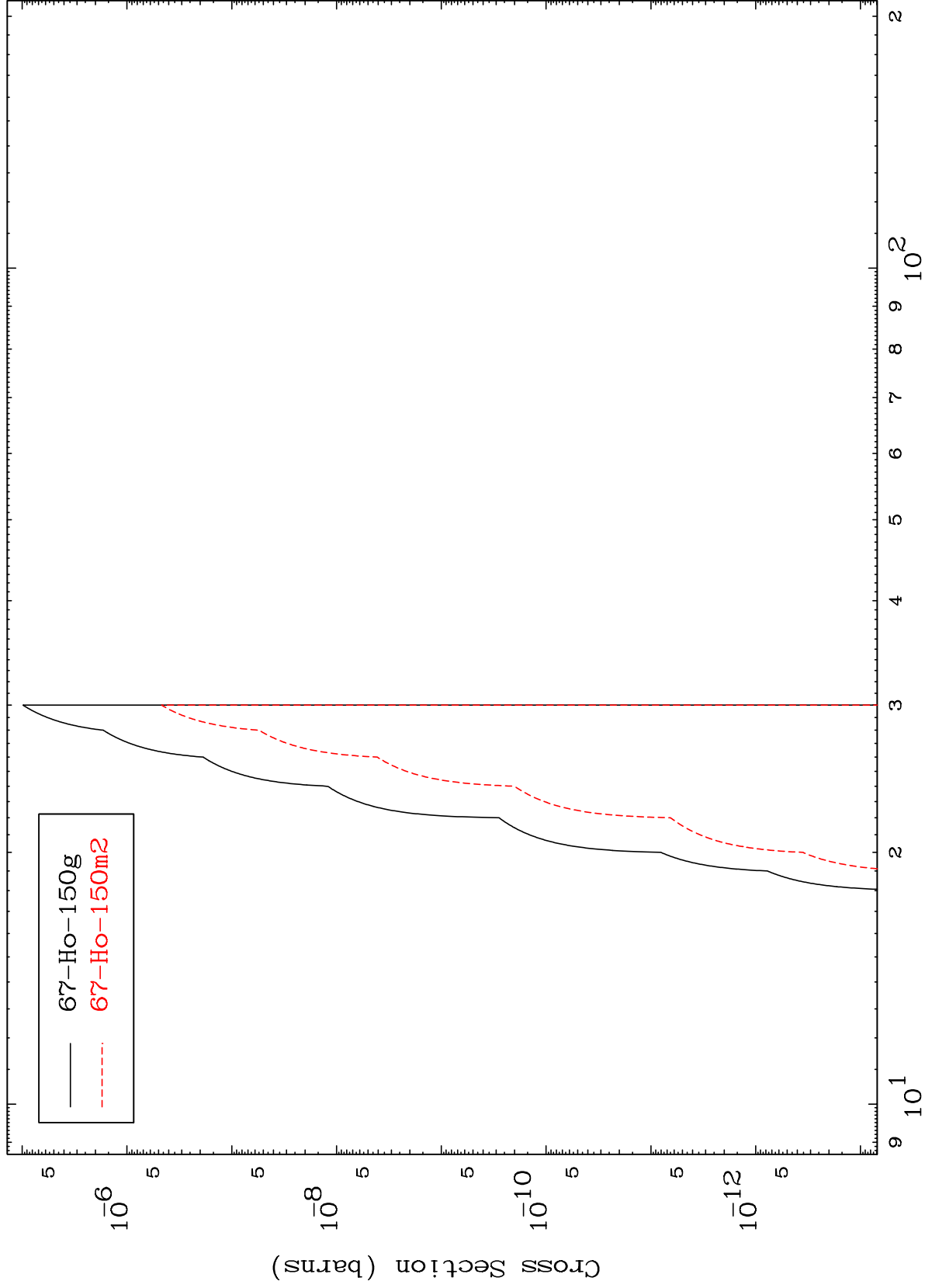
70-Yb-156

MAT 6989

(γ, n') p α

70-Yb-156

Radionuclide Production Cross Section



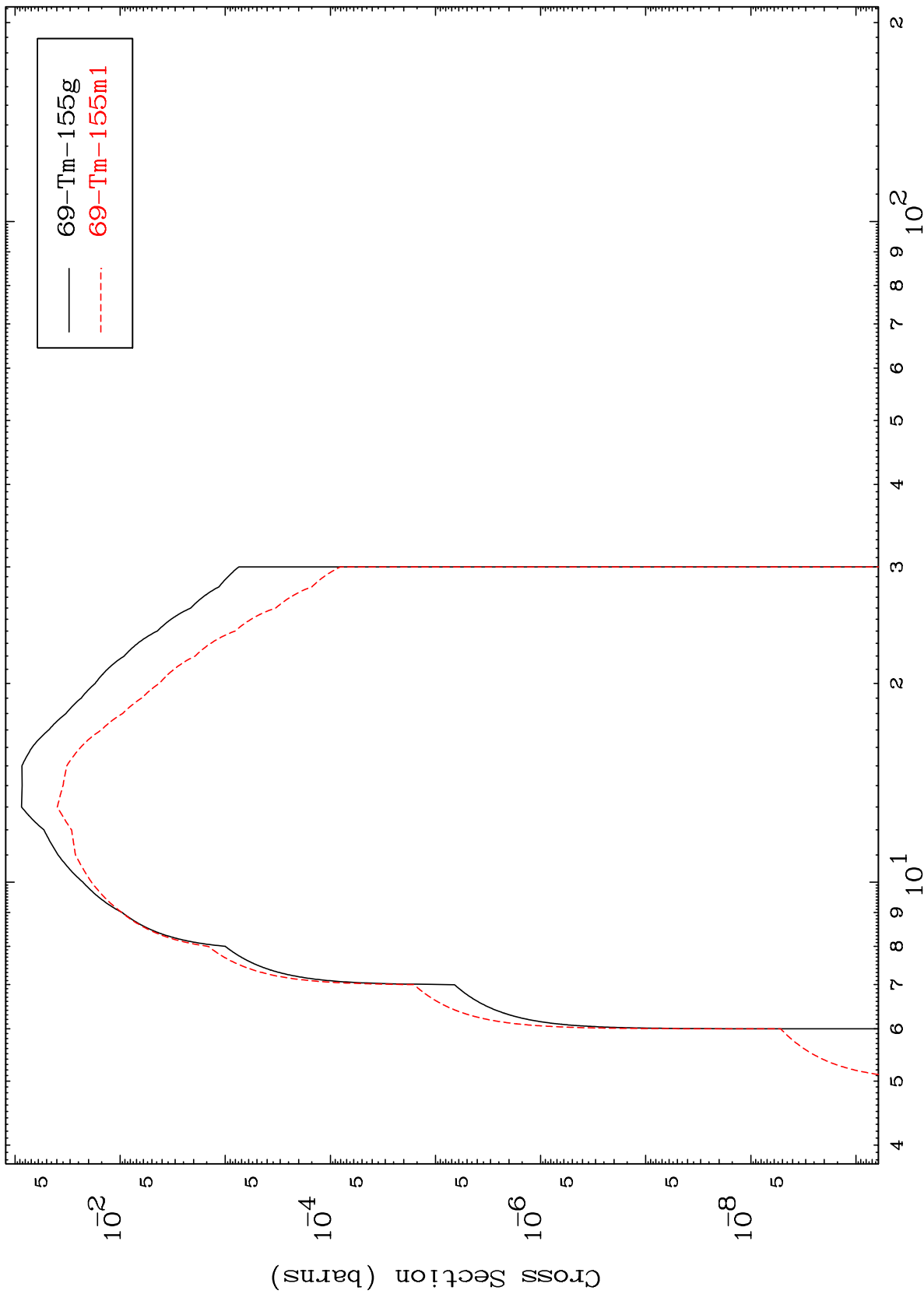
Incident Energy (MeV)

70-Yb-156

MAT 6989

70-Yb-156

(γ, p)
Radionuclide Production Cross Section

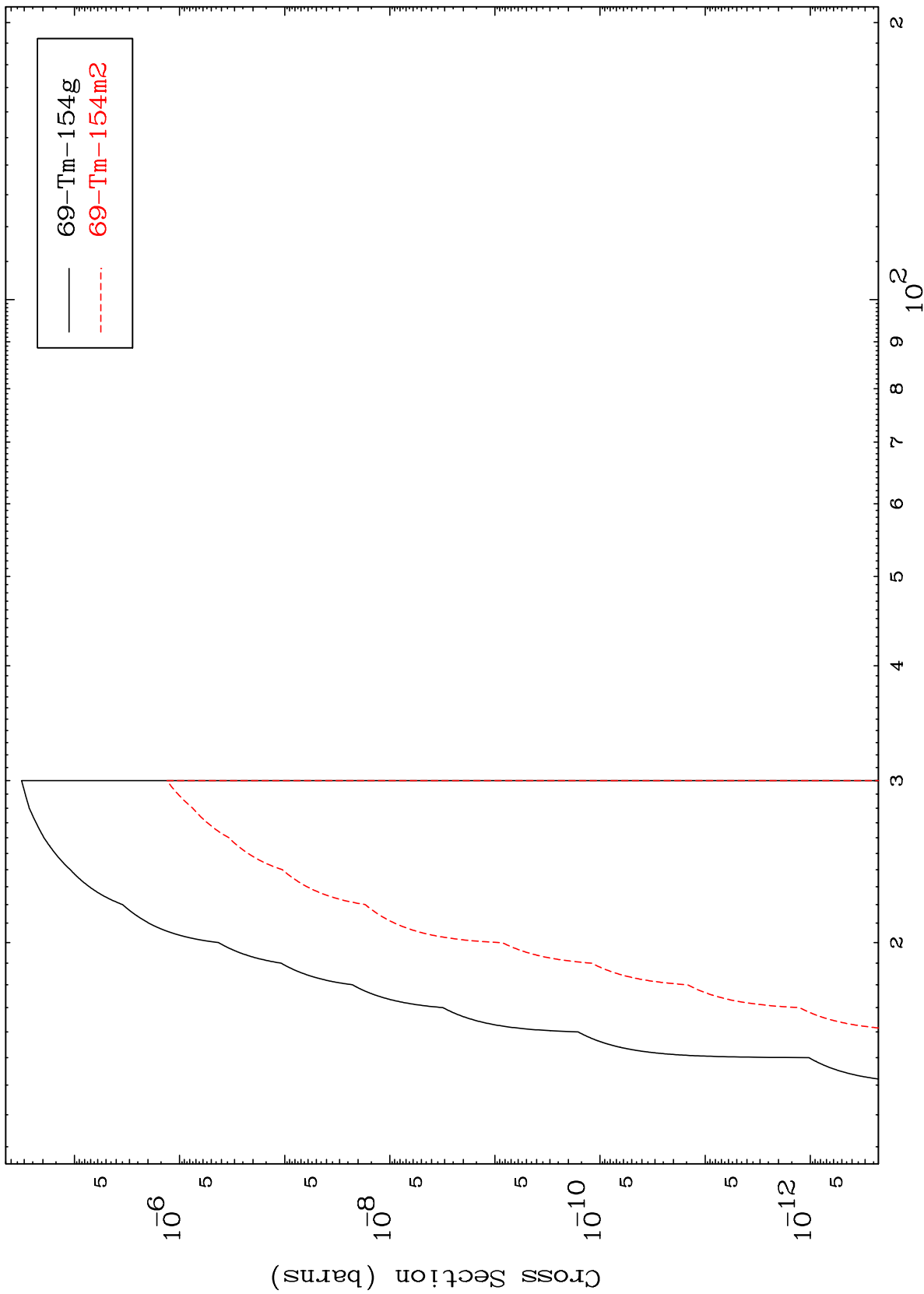


70-Yb-156

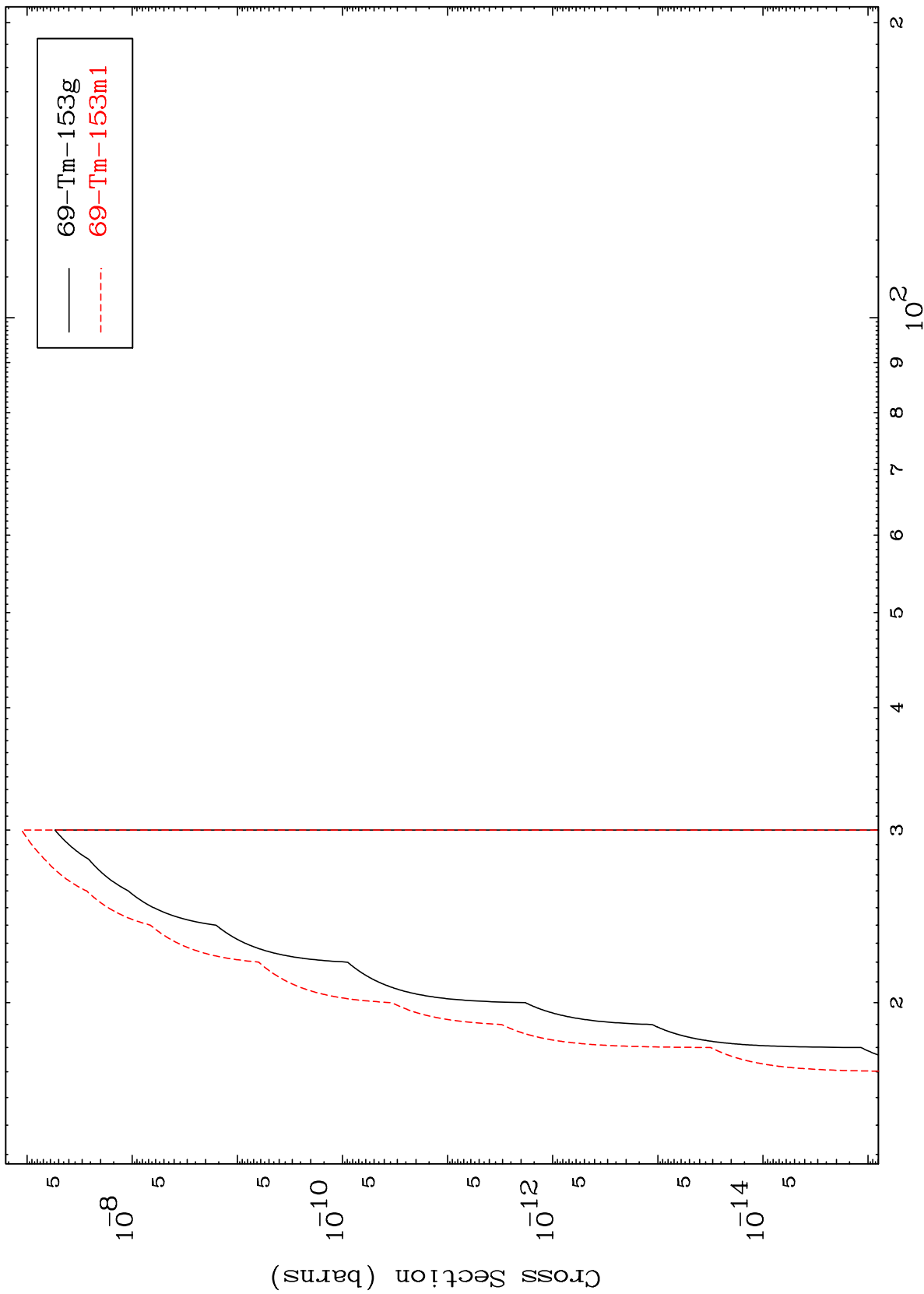
Incident Energy (MeV)

17

(γ, d)
Radionuclide Production Cross Section



(γ, t)
Radionuclide Production Cross Section

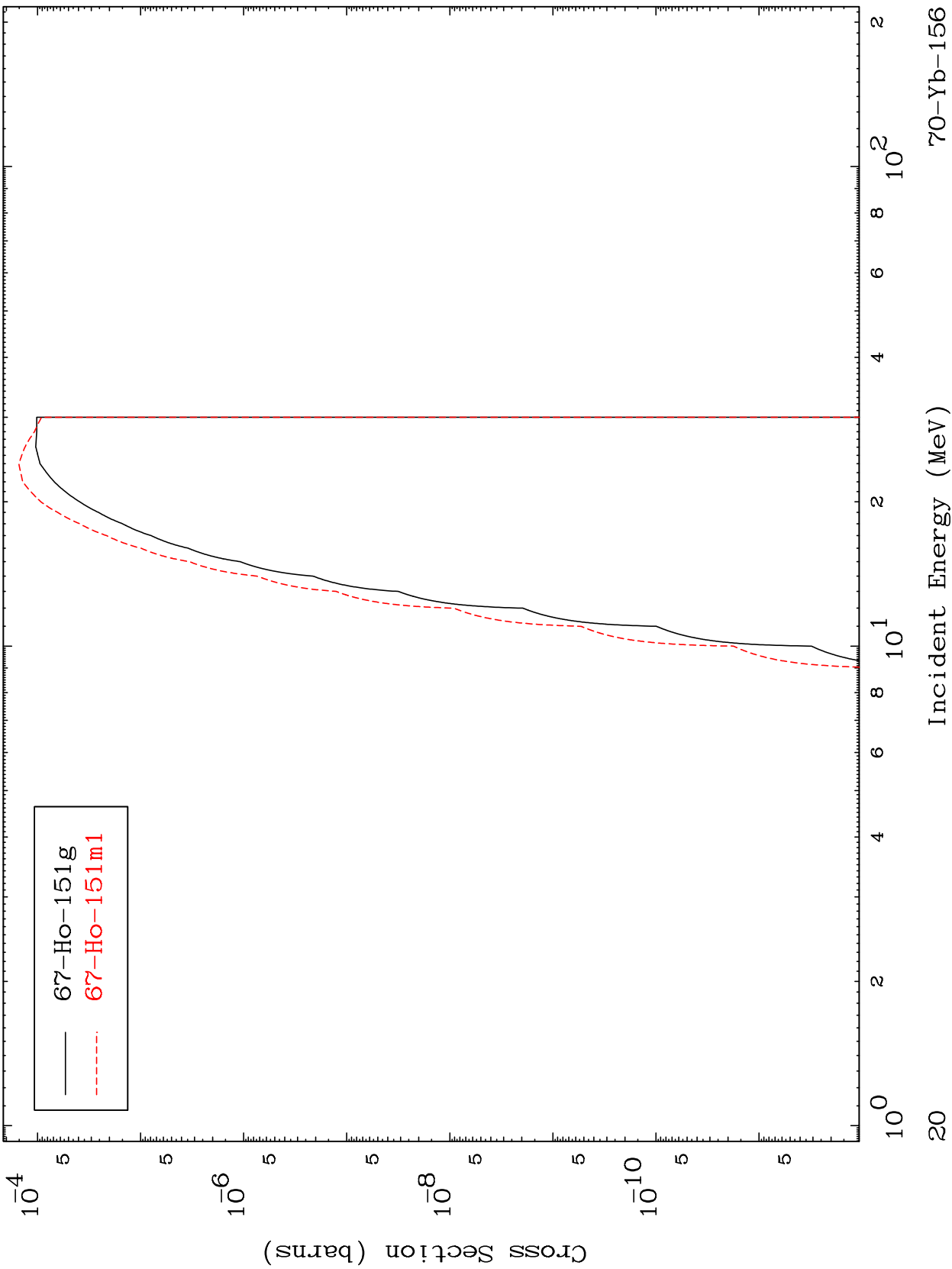


MAT 6989

(γ, p) α

70-Yb-156

Radionuclide Production Cross Section



MAT 6989

(γ, d) α

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

Radionuclide Production Cross Section

