

Program EVALPLOT  
(Version 2018-1)

by

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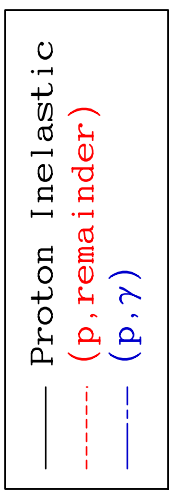
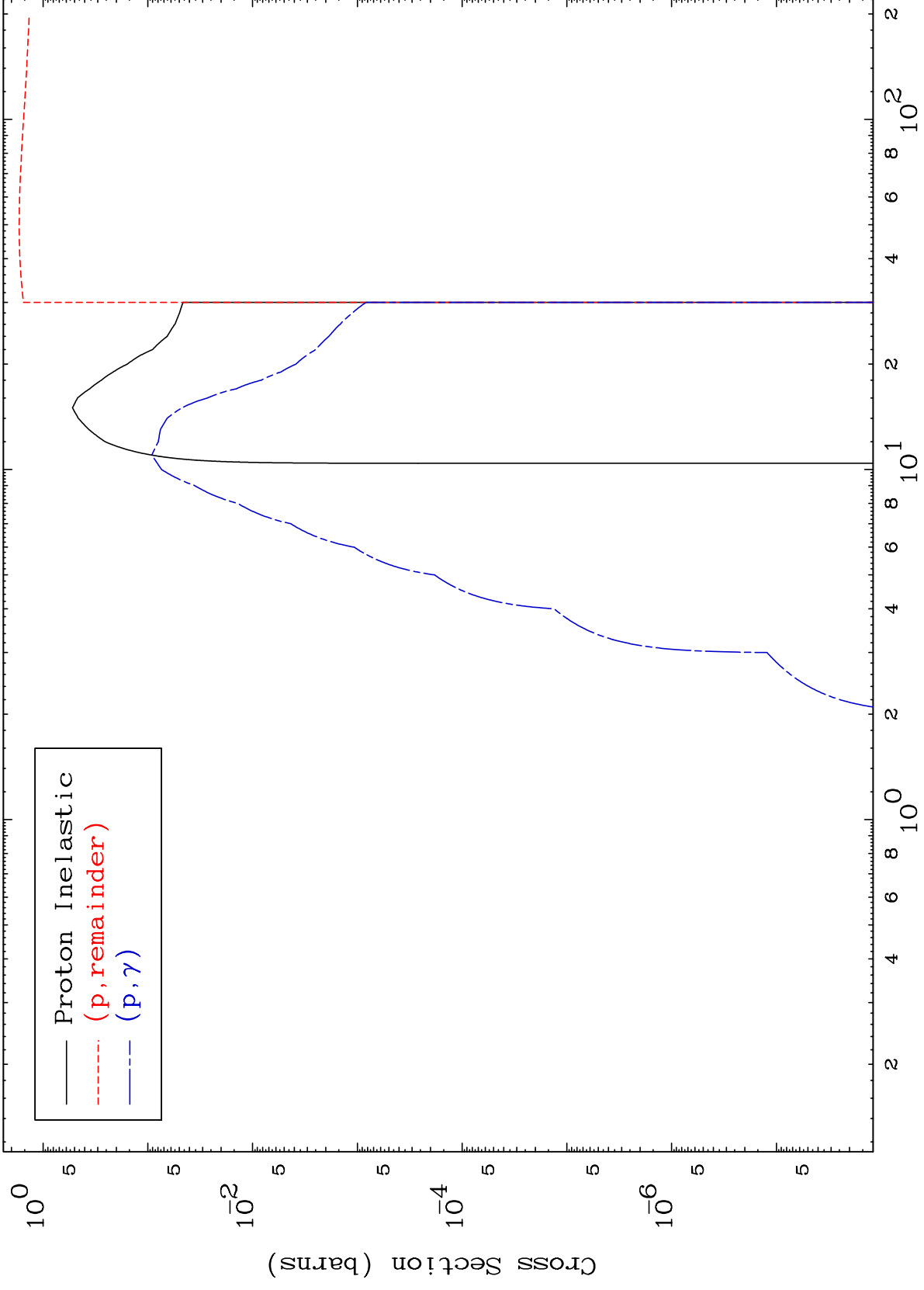
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6989

Proton Major  
0 Kelvin Cross Sections

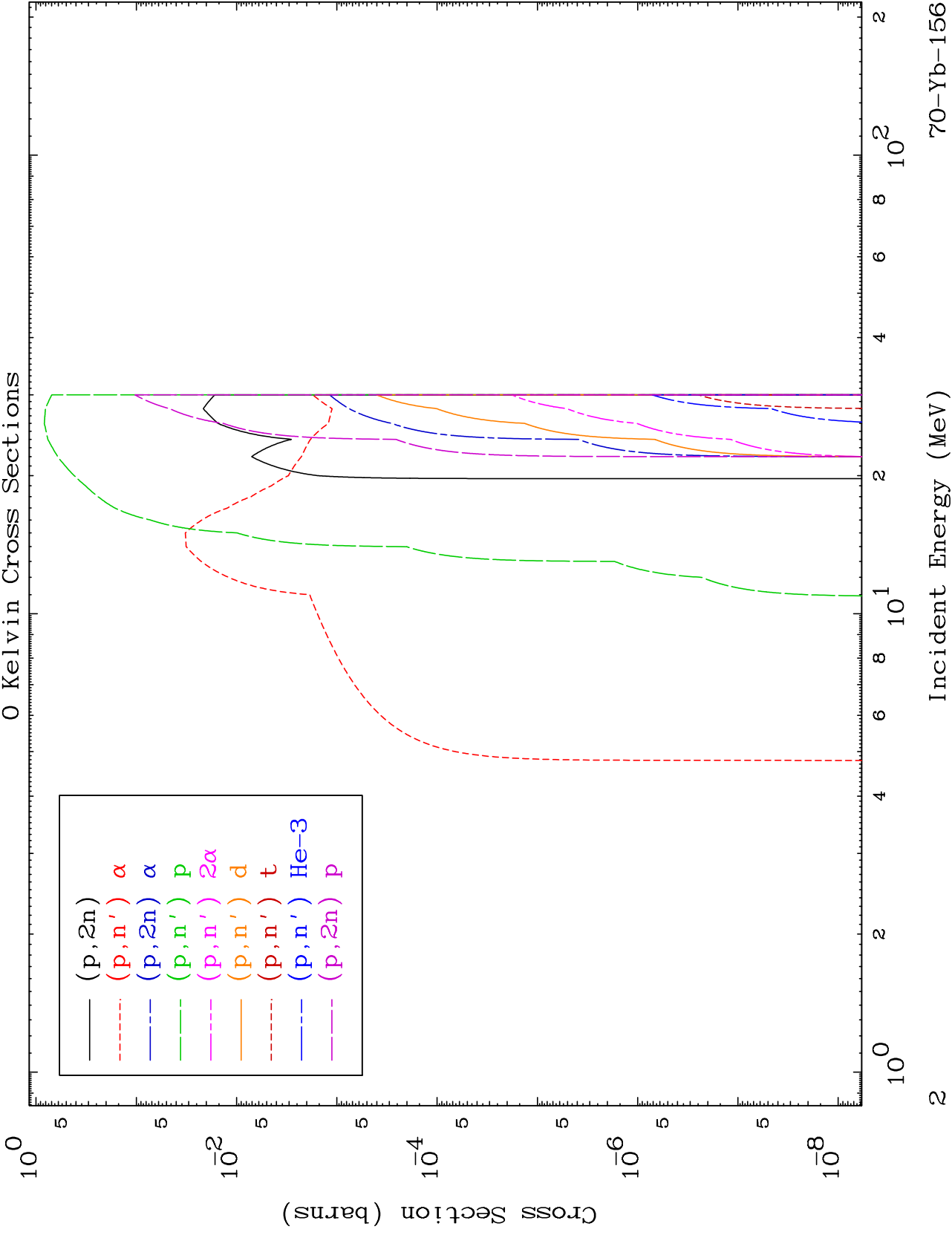
70-Yb-156



MAT 6989

Proton Neutron Production  
0 Kelvin Cross Sections

70-Yb-156



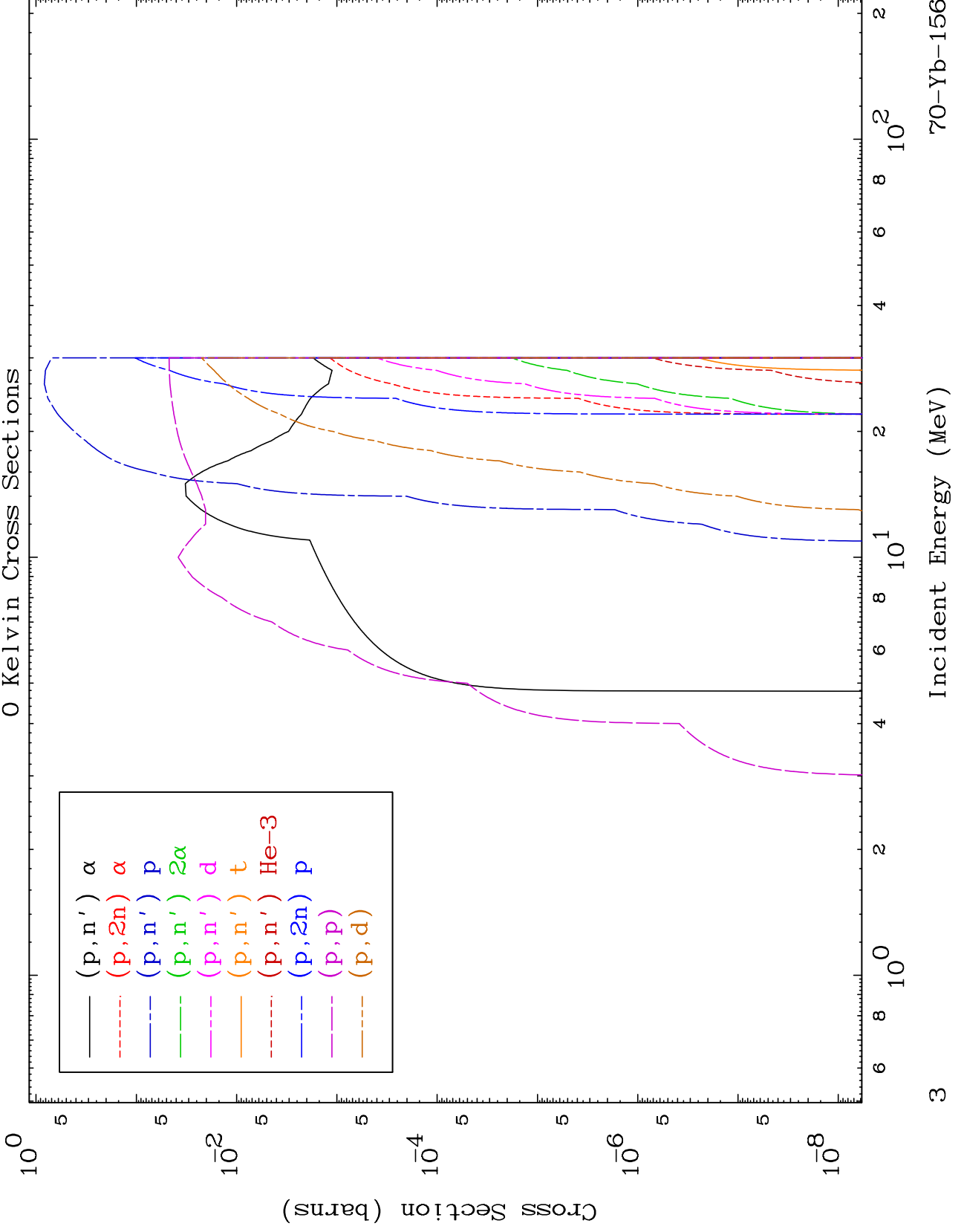
70-Yb-156

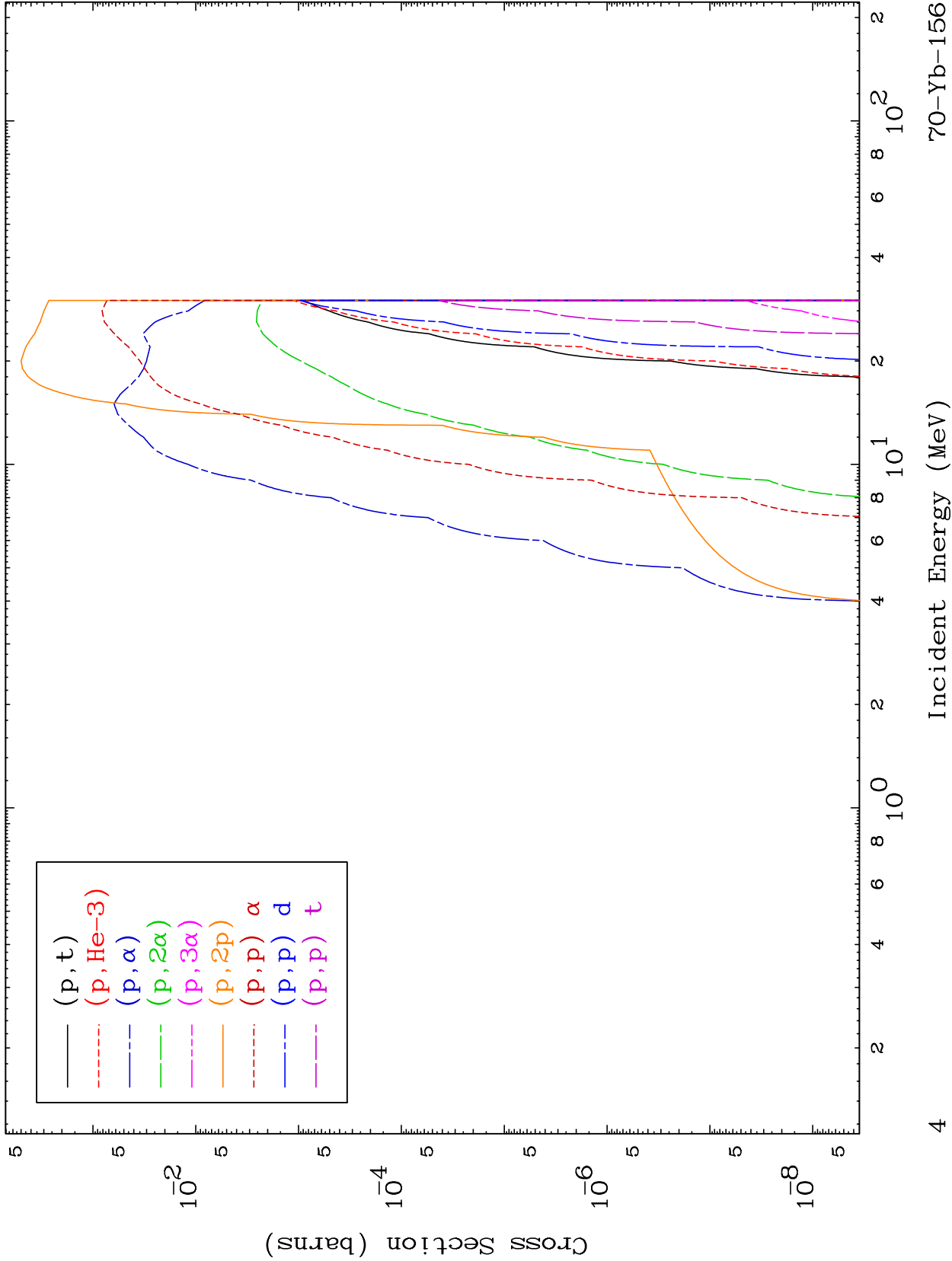
Incident Energy (MeV)

MAT 6989

Proton Charged Particle  
0 Kelvin Cross Sections

70-Yb-156

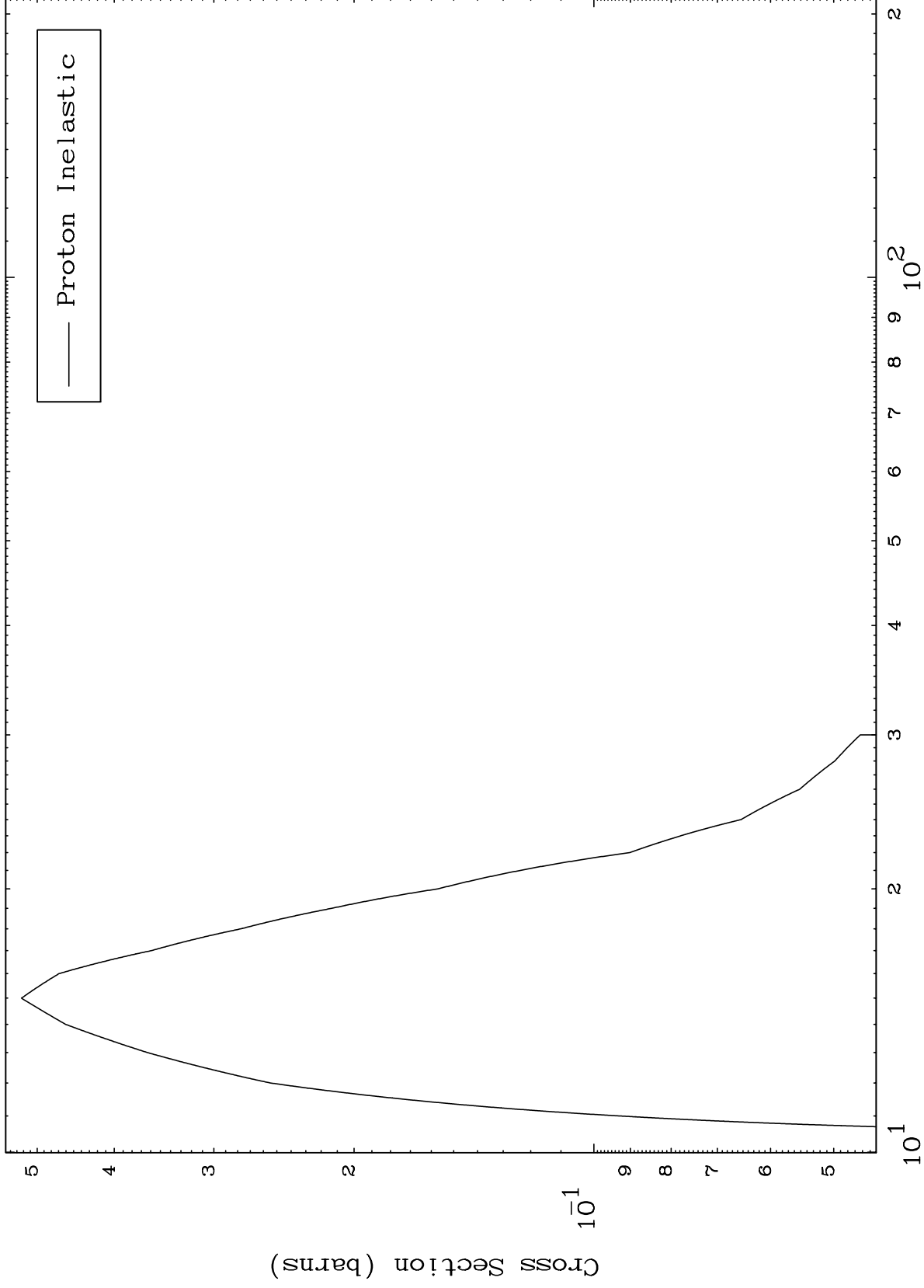




MAT 6989

(p,n') Level  
0 Kelvin Cross Sections

70-Yb-156



— Proton Inelastic

70-Yb-156

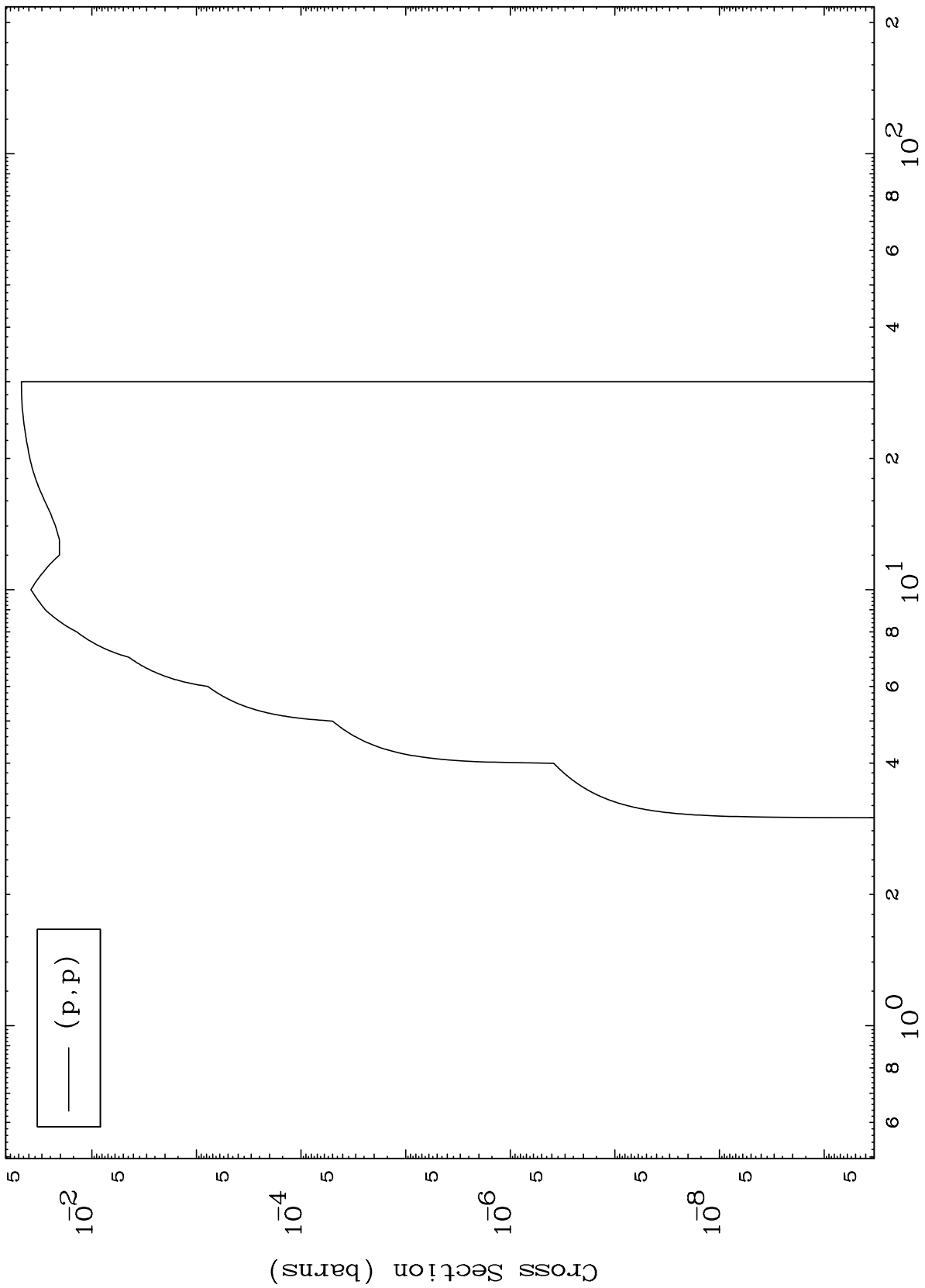
Incident Energy (MeV)

MAT 6989

(p,p) Levels

70-Yb-156

0 Kelvin Cross Sections



6

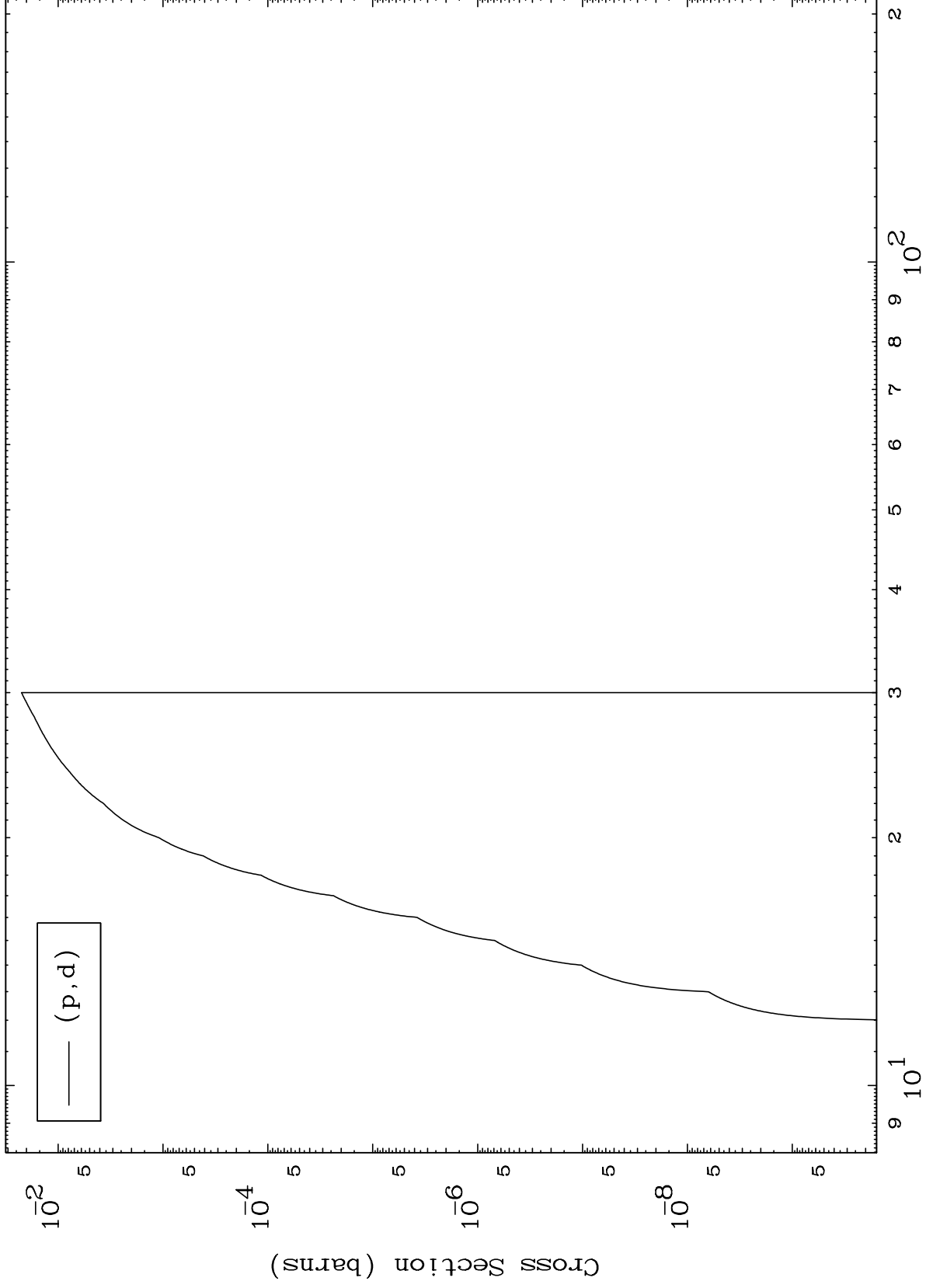
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,d) Levels  
0 Kelvin Cross Sections

70-Yb-156



7

Incident Energy (MeV)

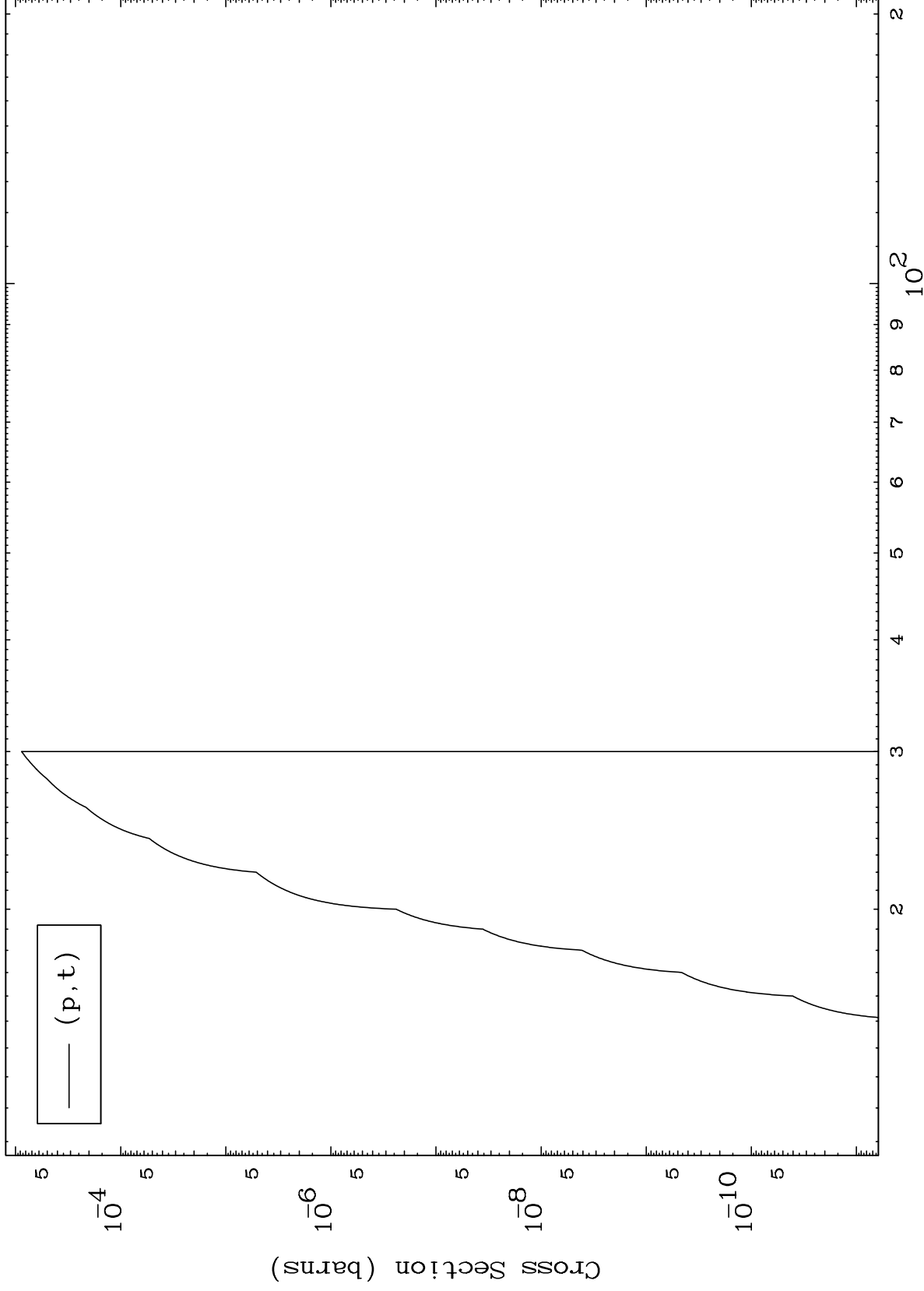
70-Yb-156



MAT 6989

(p,t) Levels  
0 Kelvin Cross Sections

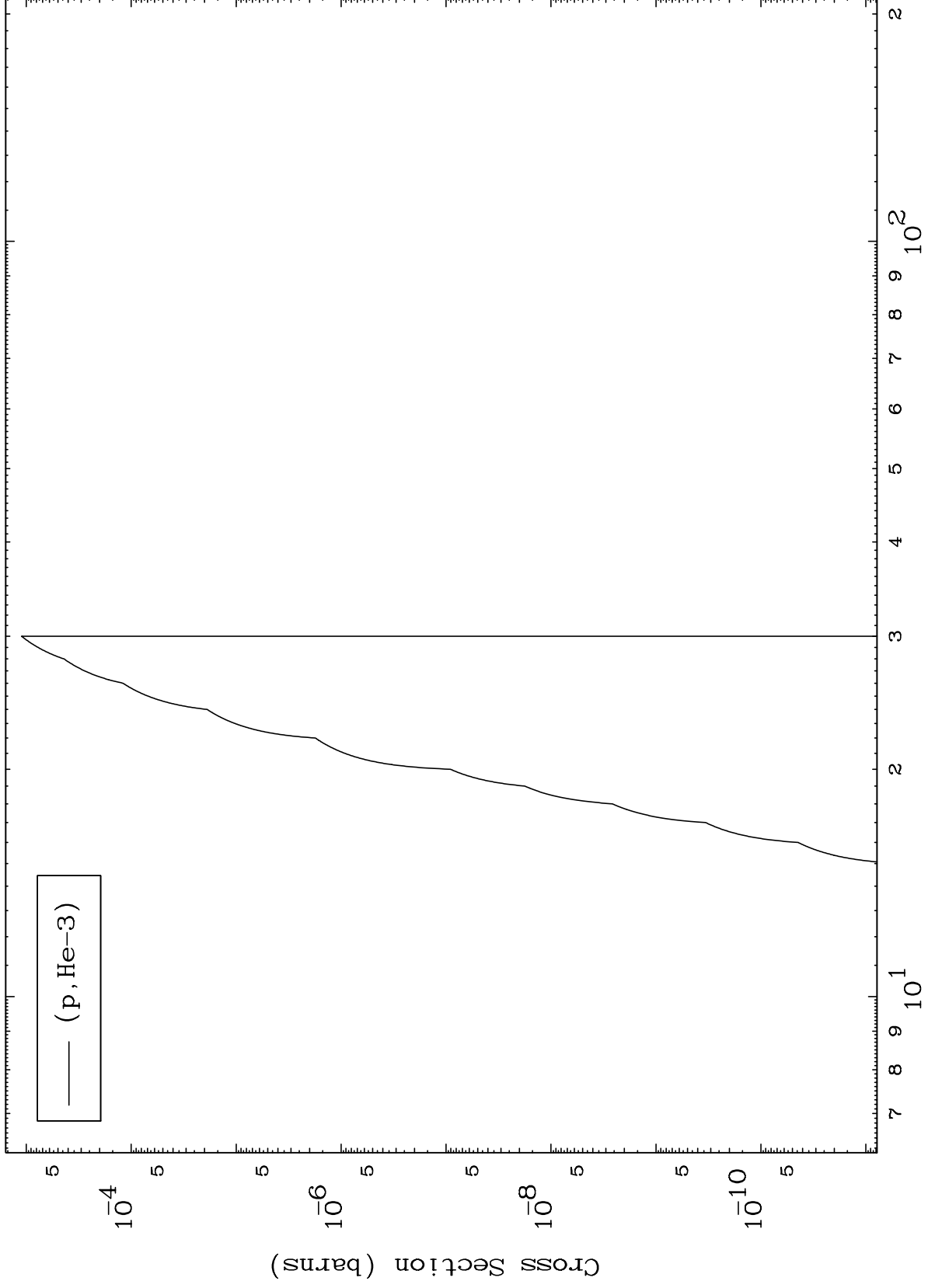
70-Yb-156



MAT 6989

(p,He3) Levels  
0 Kelvin Cross Sections

70-Yb-156



9

Incident Energy (MeV)

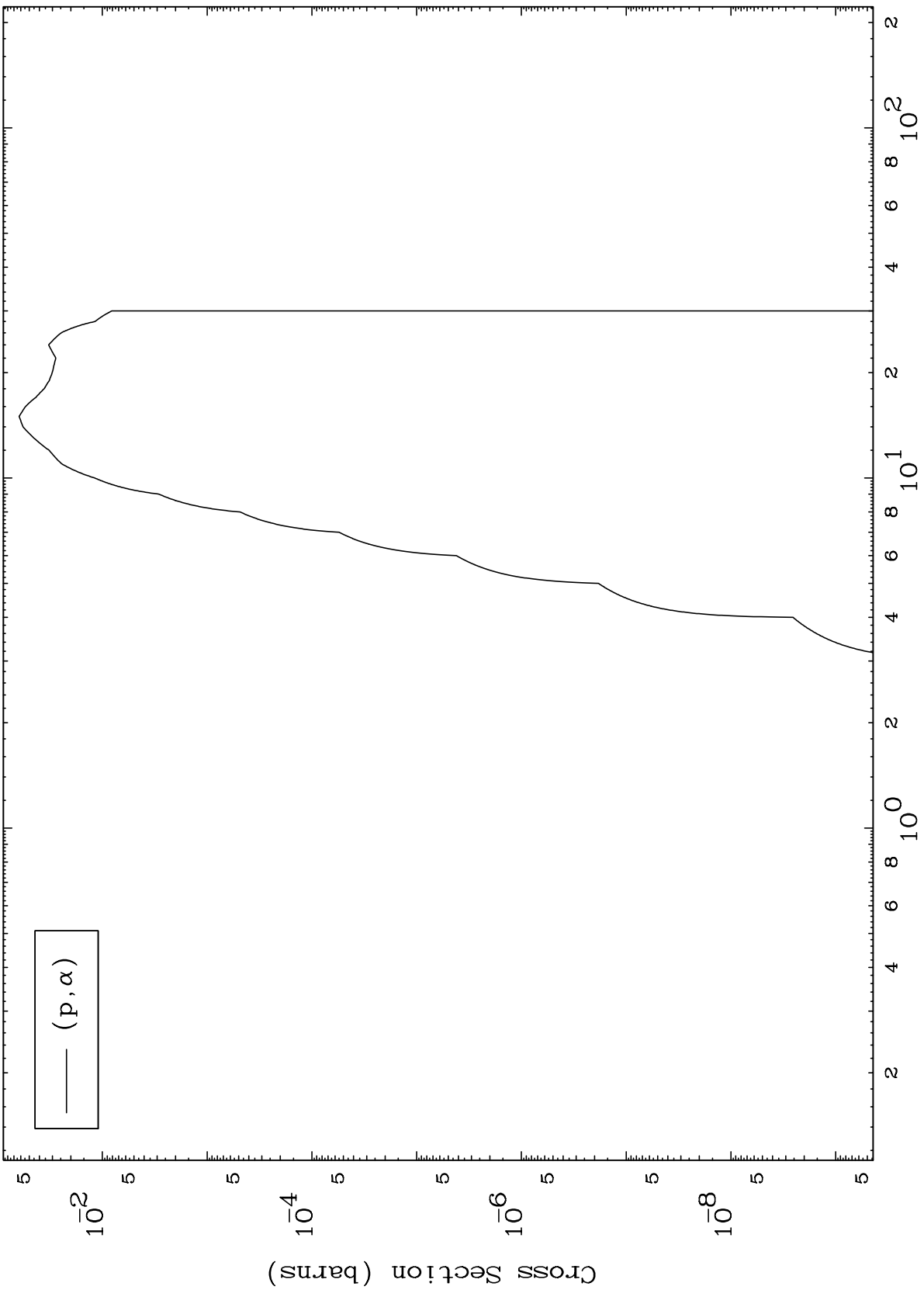
70-Yb-156

MAT 6989

(p,  $\alpha$ ) Levels

70-Yb-156

0 Kelvin Cross Sections



10

Incident Energy (MeV)

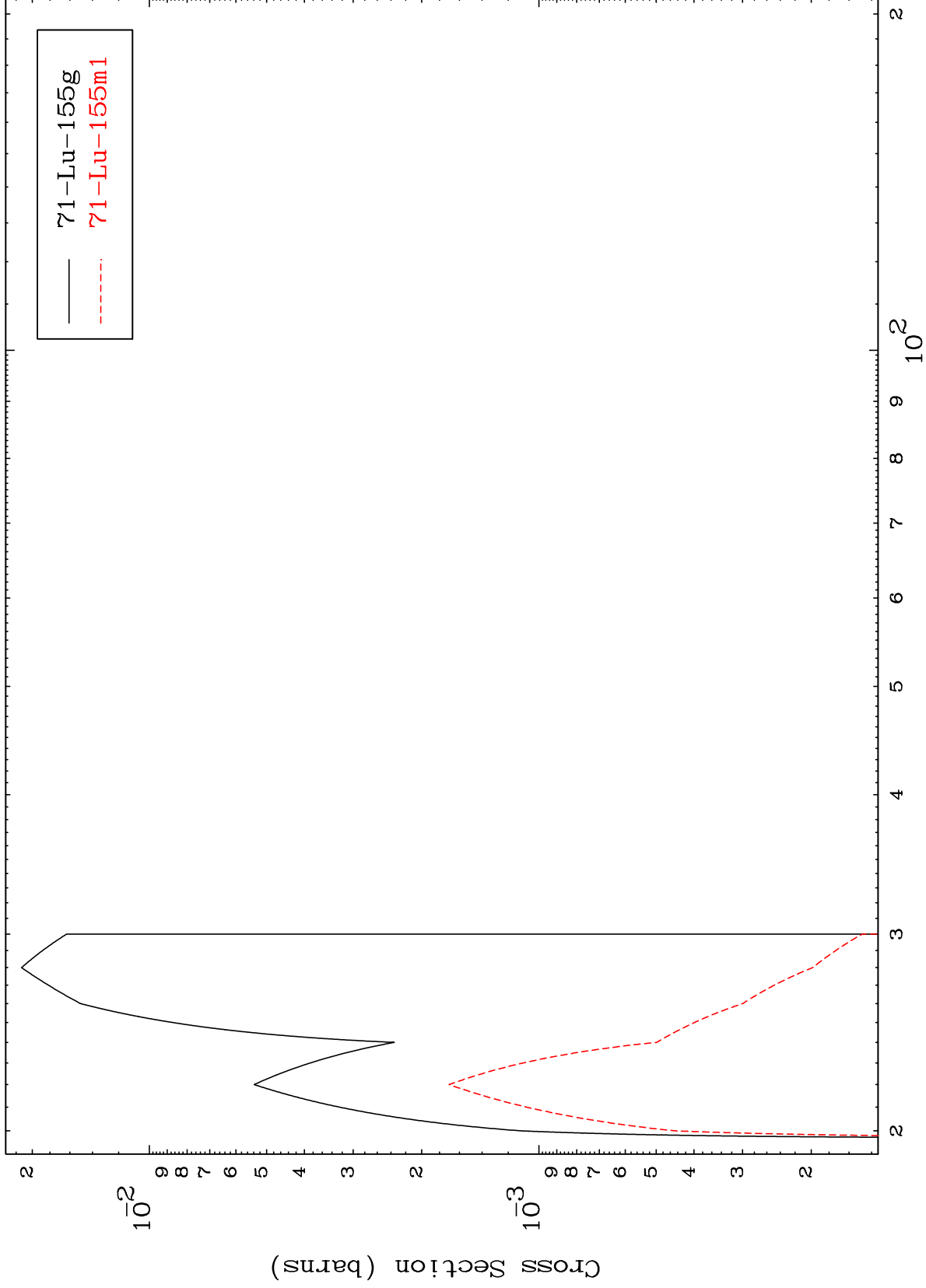
70-Yb-156

MAT 6989

(p,2n)

70-Yb-156

Radionuclide Production Cross Section



11

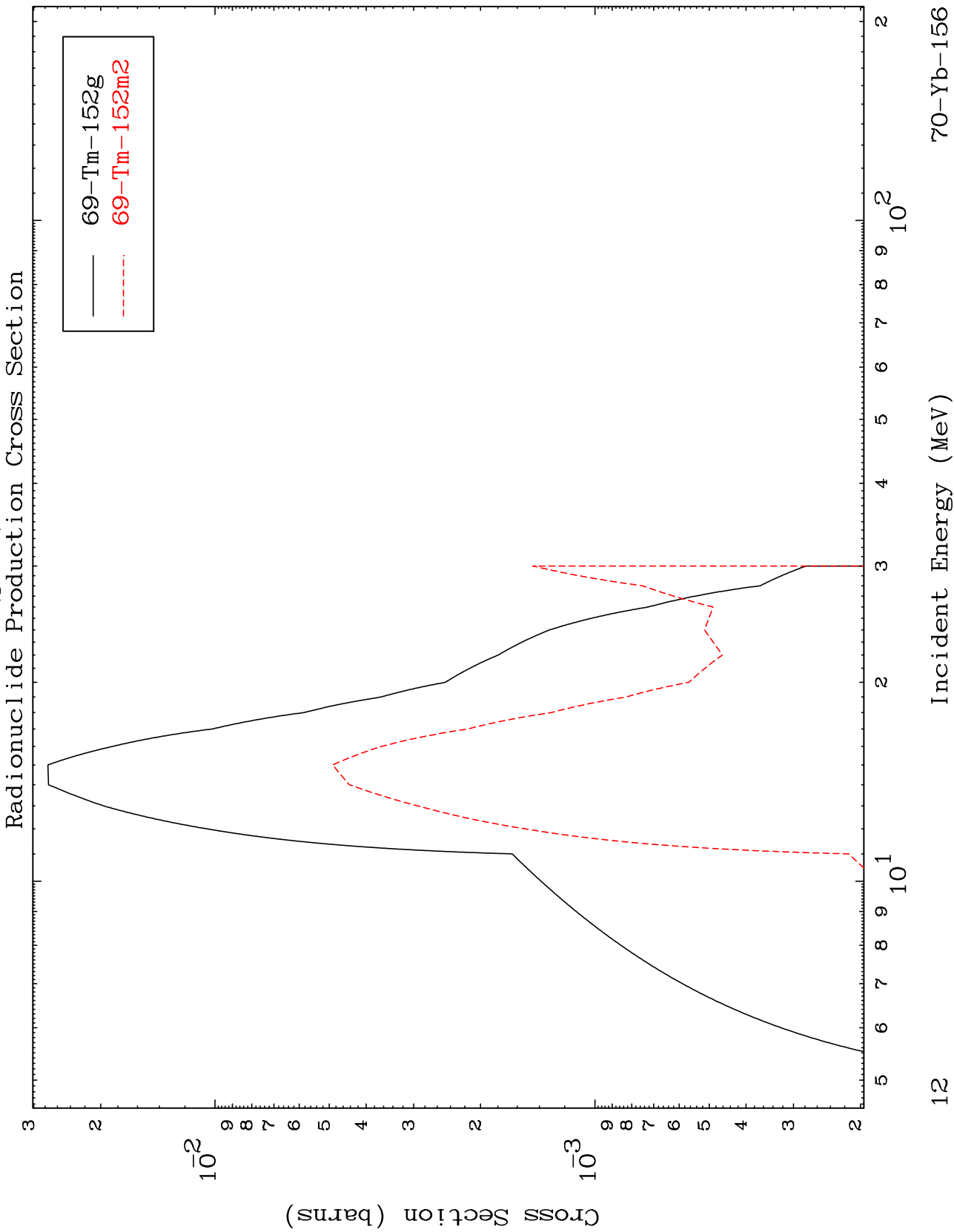
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,n')  $\alpha$

70-Yb-156

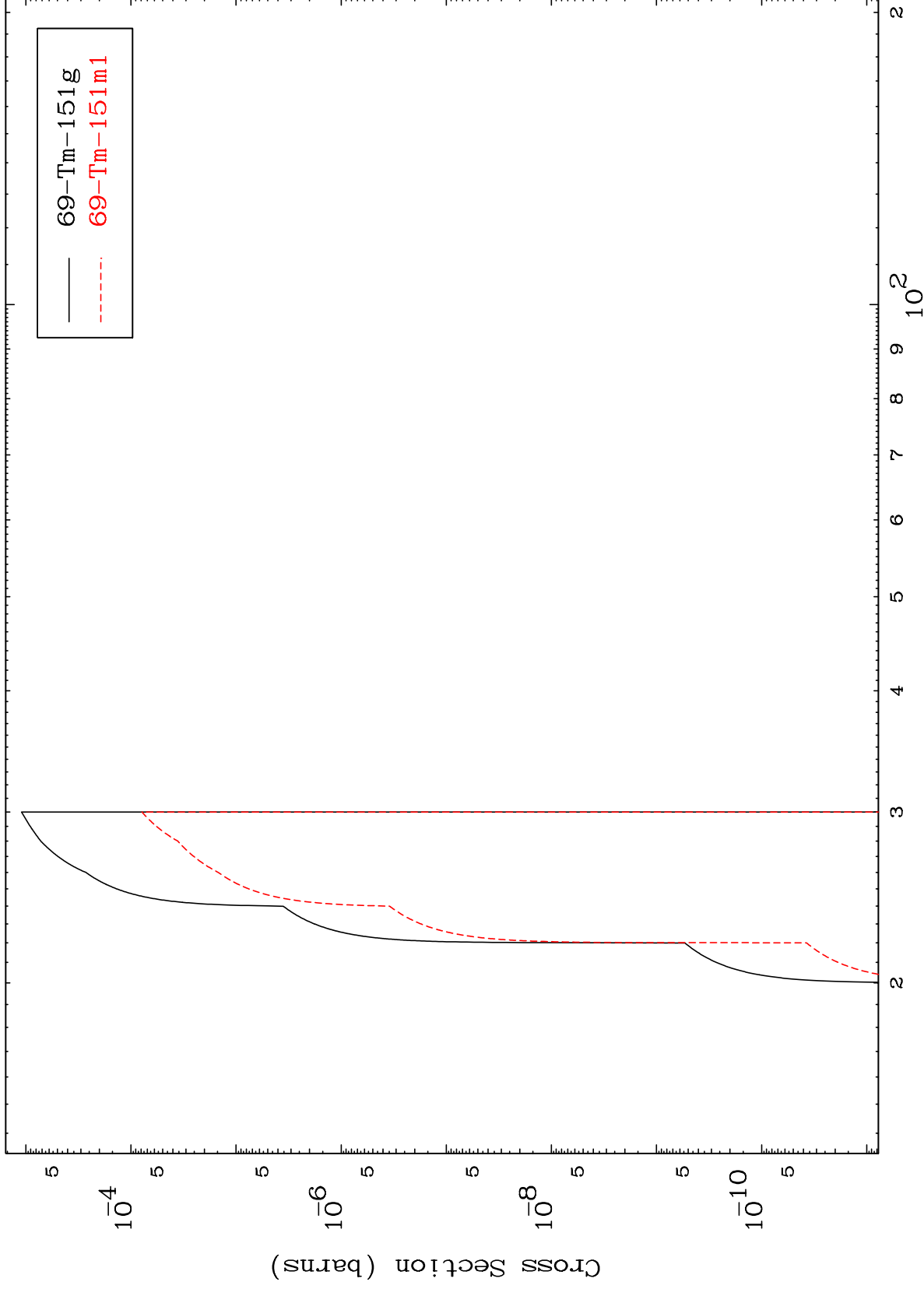


12

Incident Energy (MeV)

70-Yb-156

Radionuclide Production Cross Section

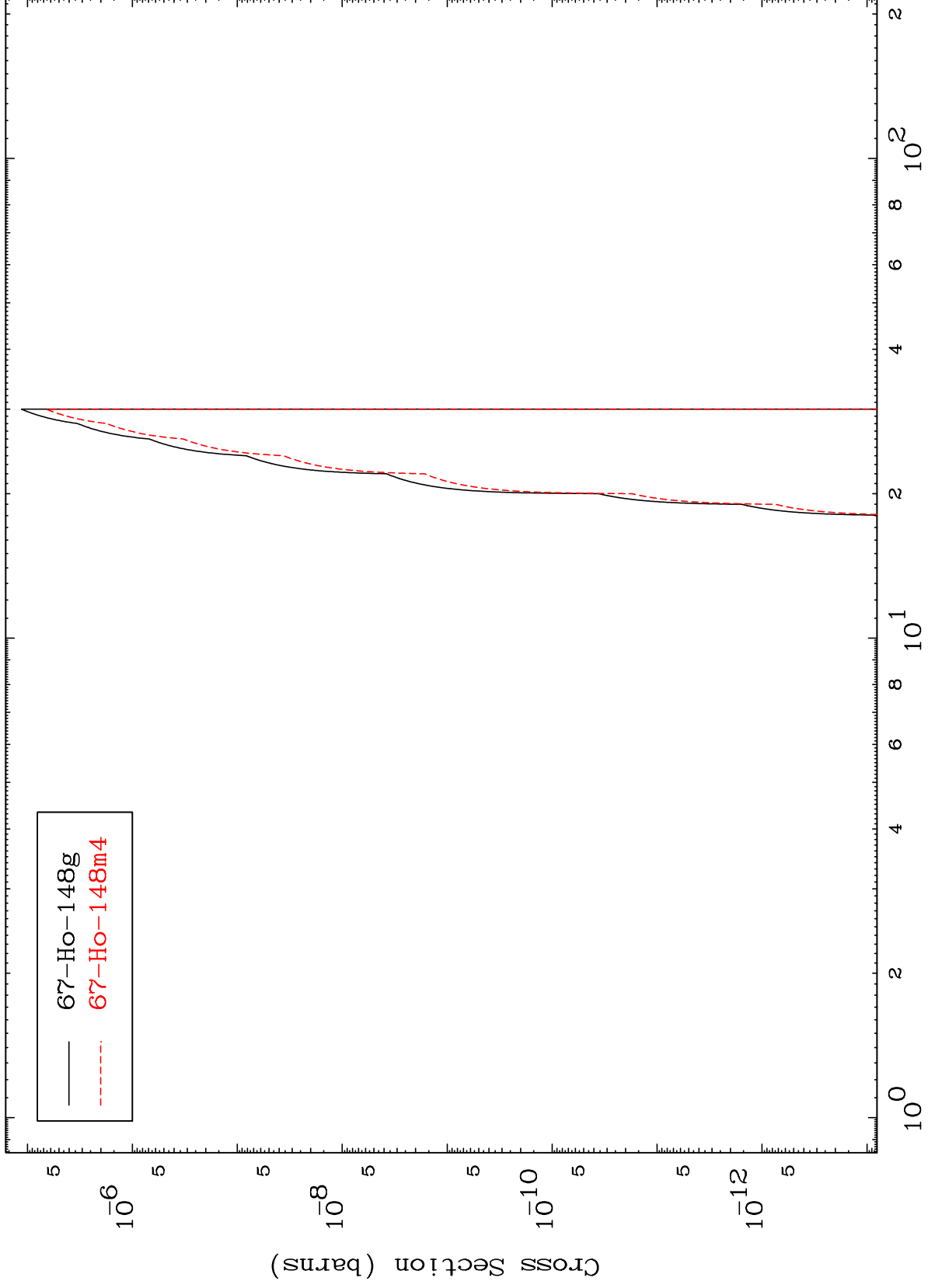


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(p,n') 2 $\alpha$

70-Yb-156

Radionuclide Production Cross Section



—  $^{67}\text{Ho-148g}$   
- - -  $^{67}\text{Ho-148m4}$

14

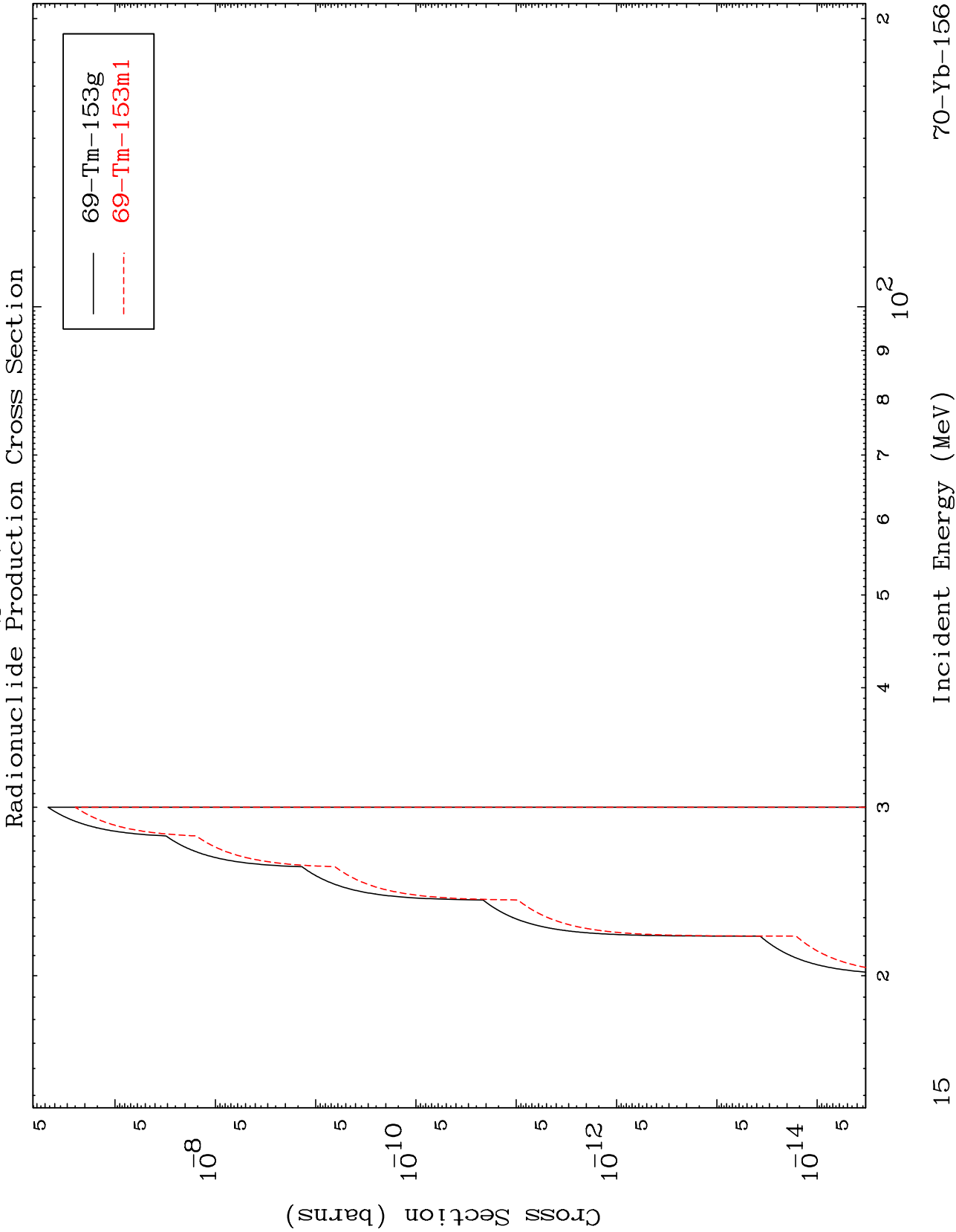
Incident Energy (MeV)

70-Yb-156

MAT 6989

(p,n') He-3

70-Yb-156



15

Incident Energy (MeV)

70-Yb-156

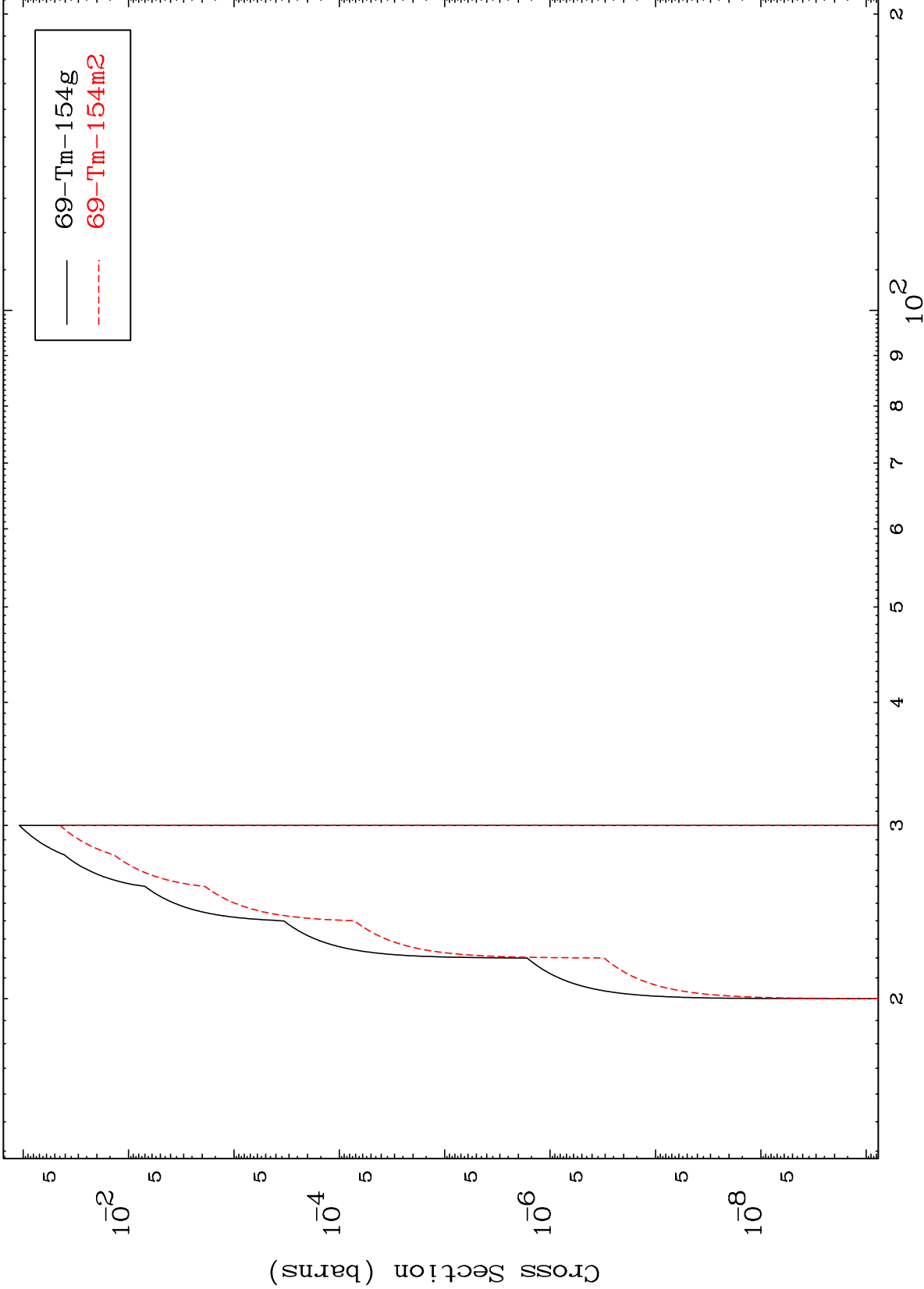


MAT 6989

(p,2n) p

70-Yb-156

Radionuclide Production Cross Section



16

Incident Energy (MeV)

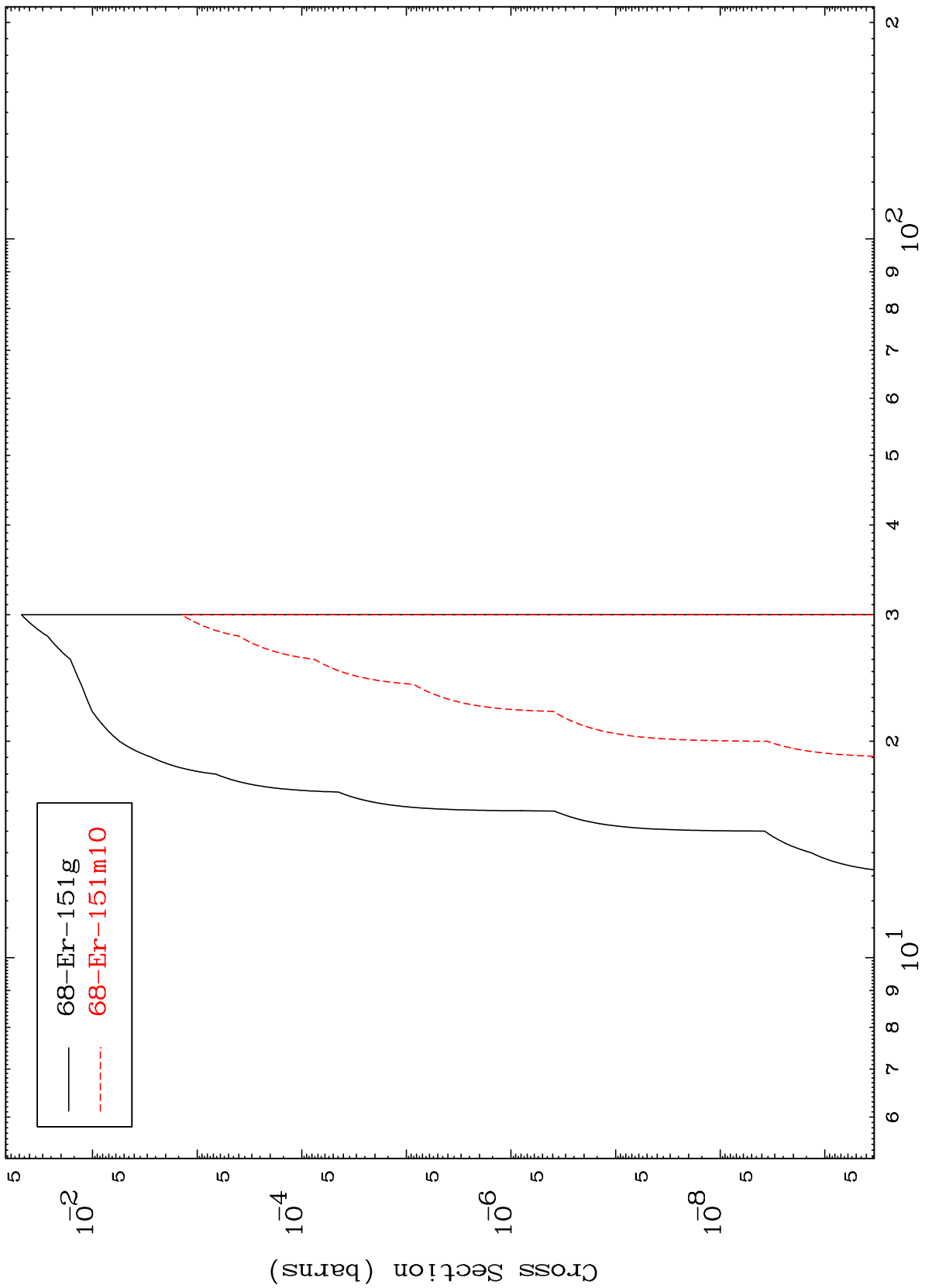
70-Yb-156

MAT 6989

(p,n') p  $\alpha$

70-Yb-156

Radionuclide Production Cross Section



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

17

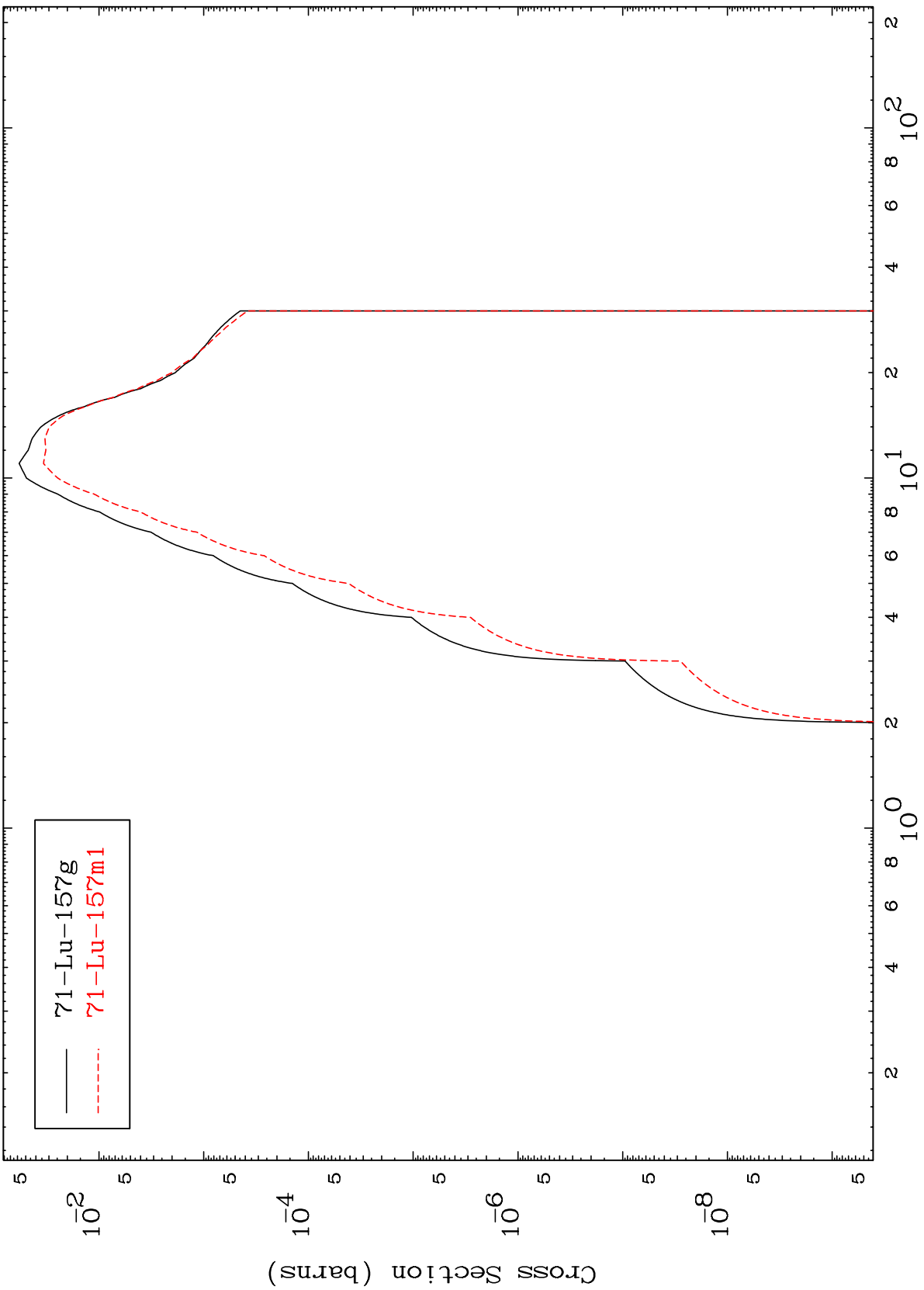
Incident Energy (MeV)

70-Yb-156

MAT 6989

70-Yb-156

(p,  $\gamma$ )  
Radionuclide Production Cross Section



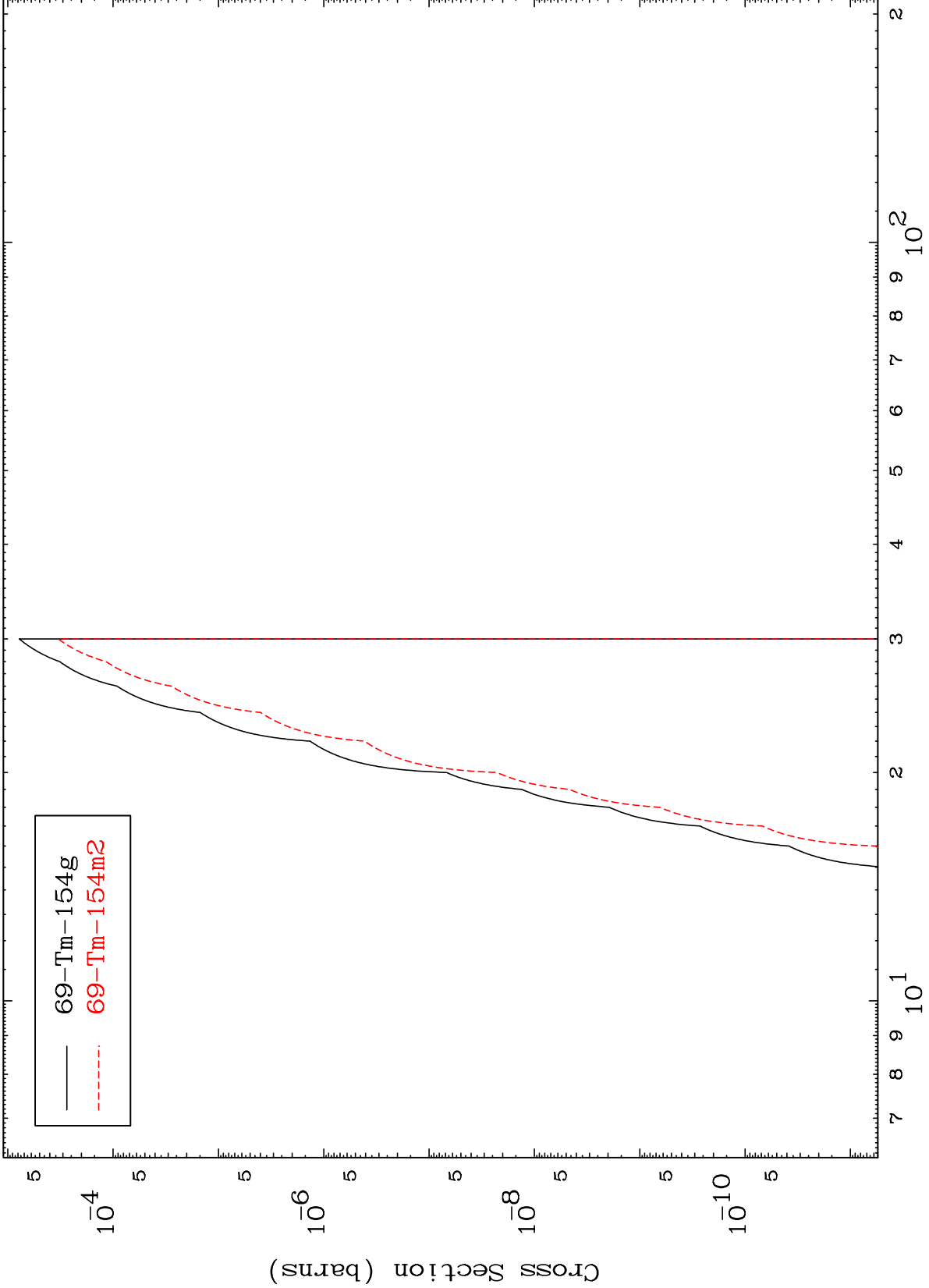
—  $^{71}\text{Lu-157g}$   
- - -  $^{71}\text{Lu-157m1}$

MAT 6989

(p,He-3)

70-Yb-156

Radionuclide Production Cross Section



19

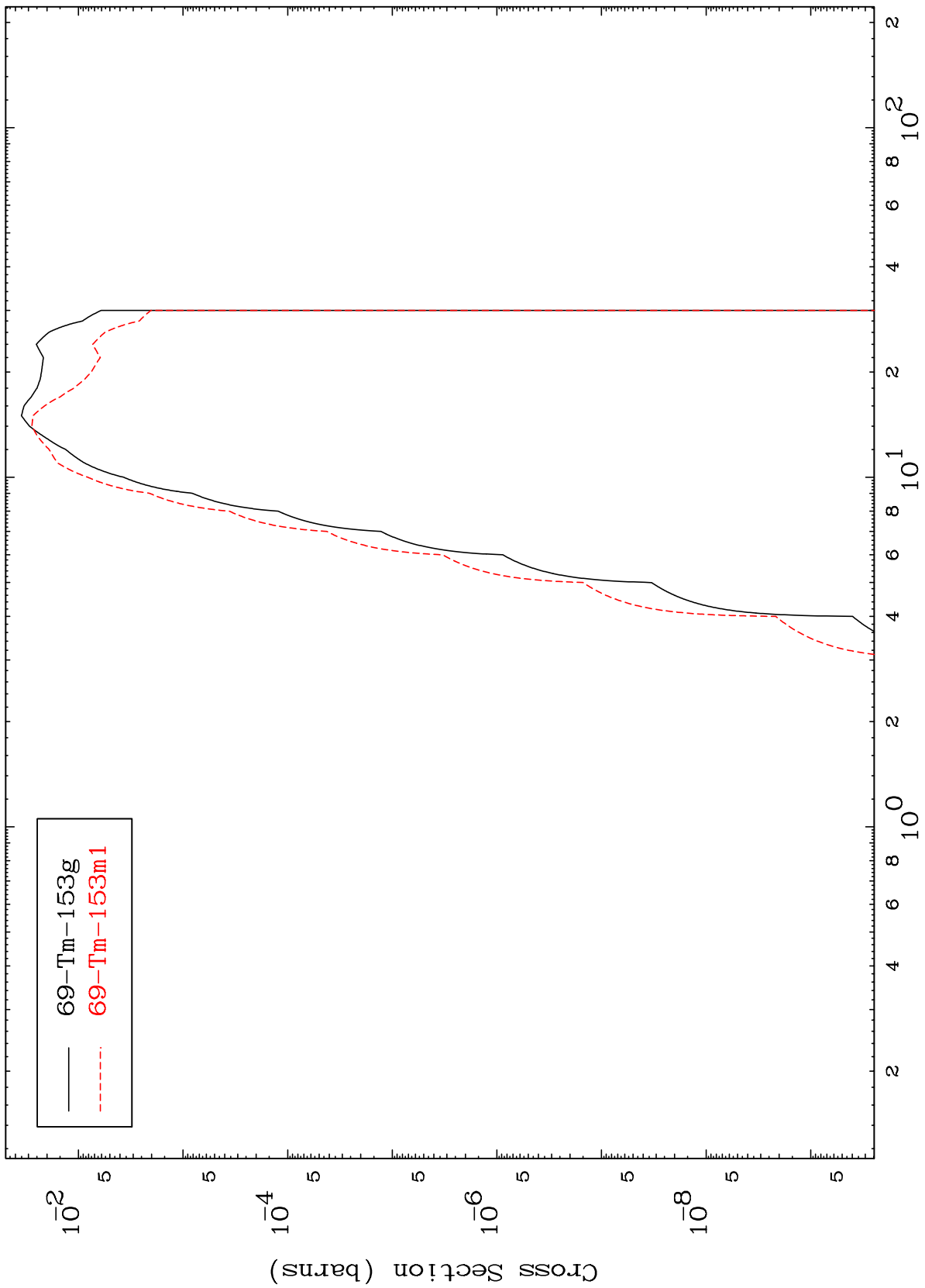
Incident Energy (MeV)

70-Yb-156

MAT 6989

70-Yb-156

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



— 69-Tm-153g  
- - - 69-Tm-153m1

20

Incident Energy (MeV)

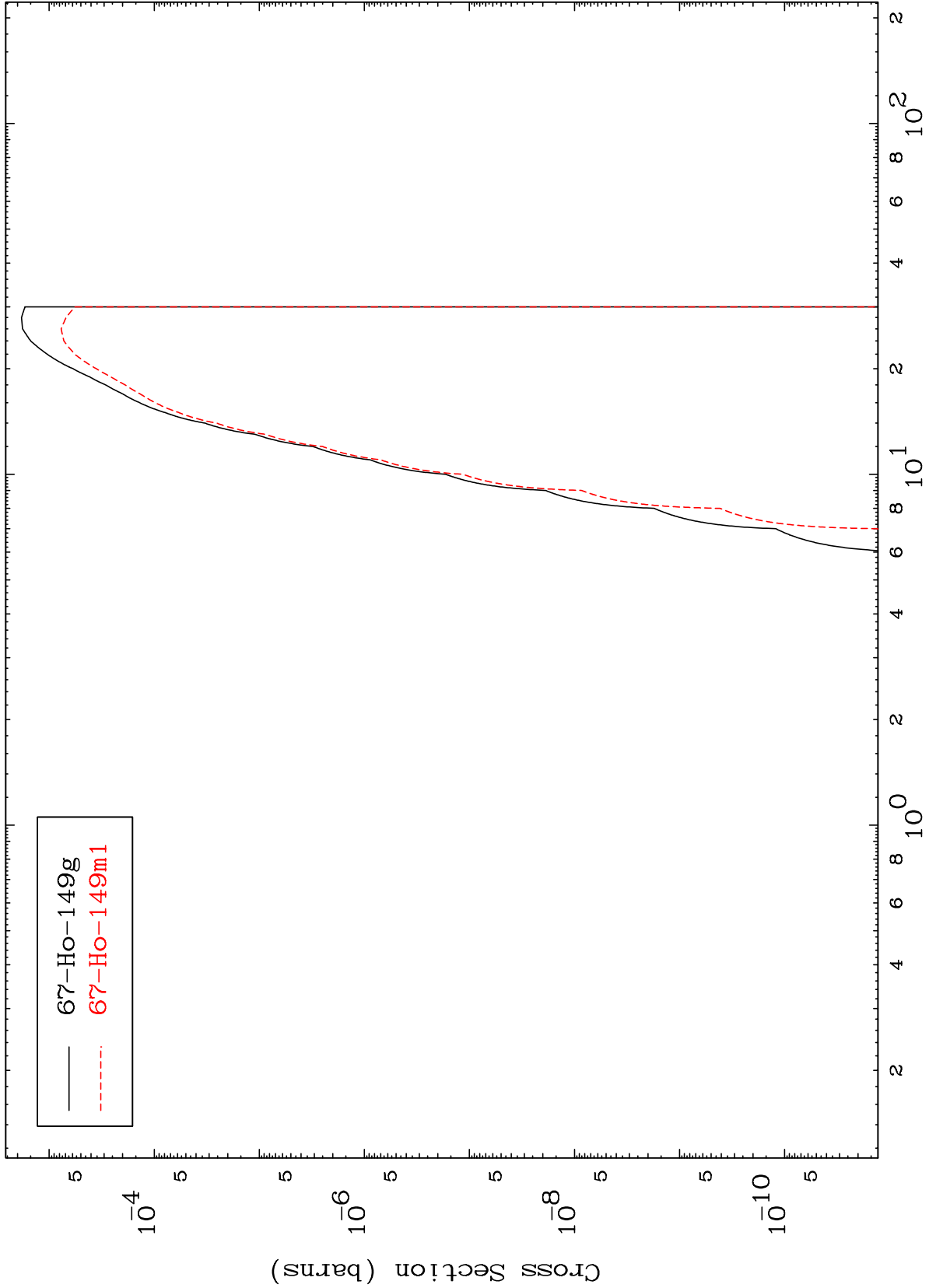
70-Yb-156

MAT 6989

(p,2 $\alpha$ )

70-Yb-156

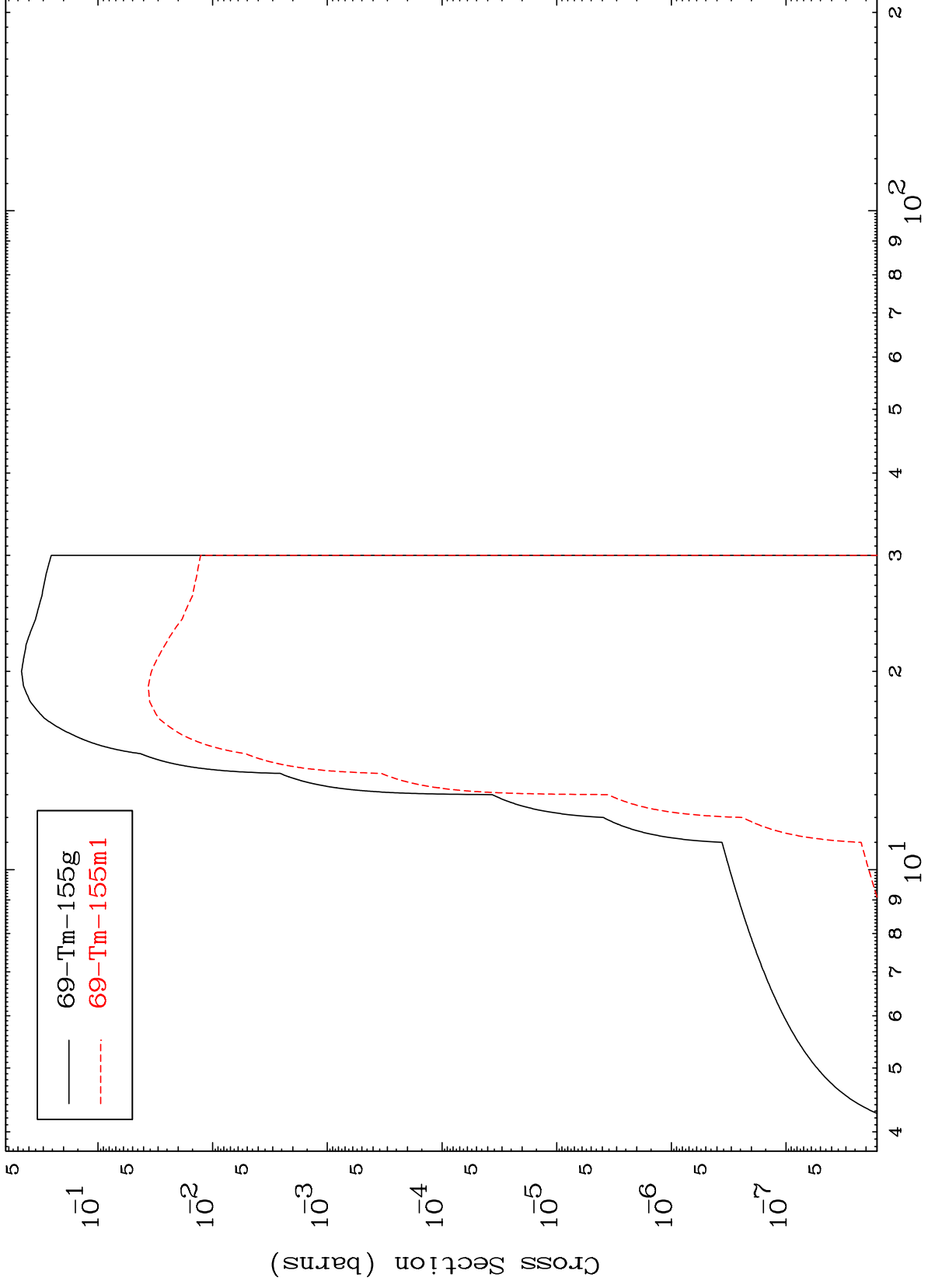
Radionuclide Production Cross Section



MAT 6989

70-Yb-156

(p,2p)  
Radionuclide Production Cross Section

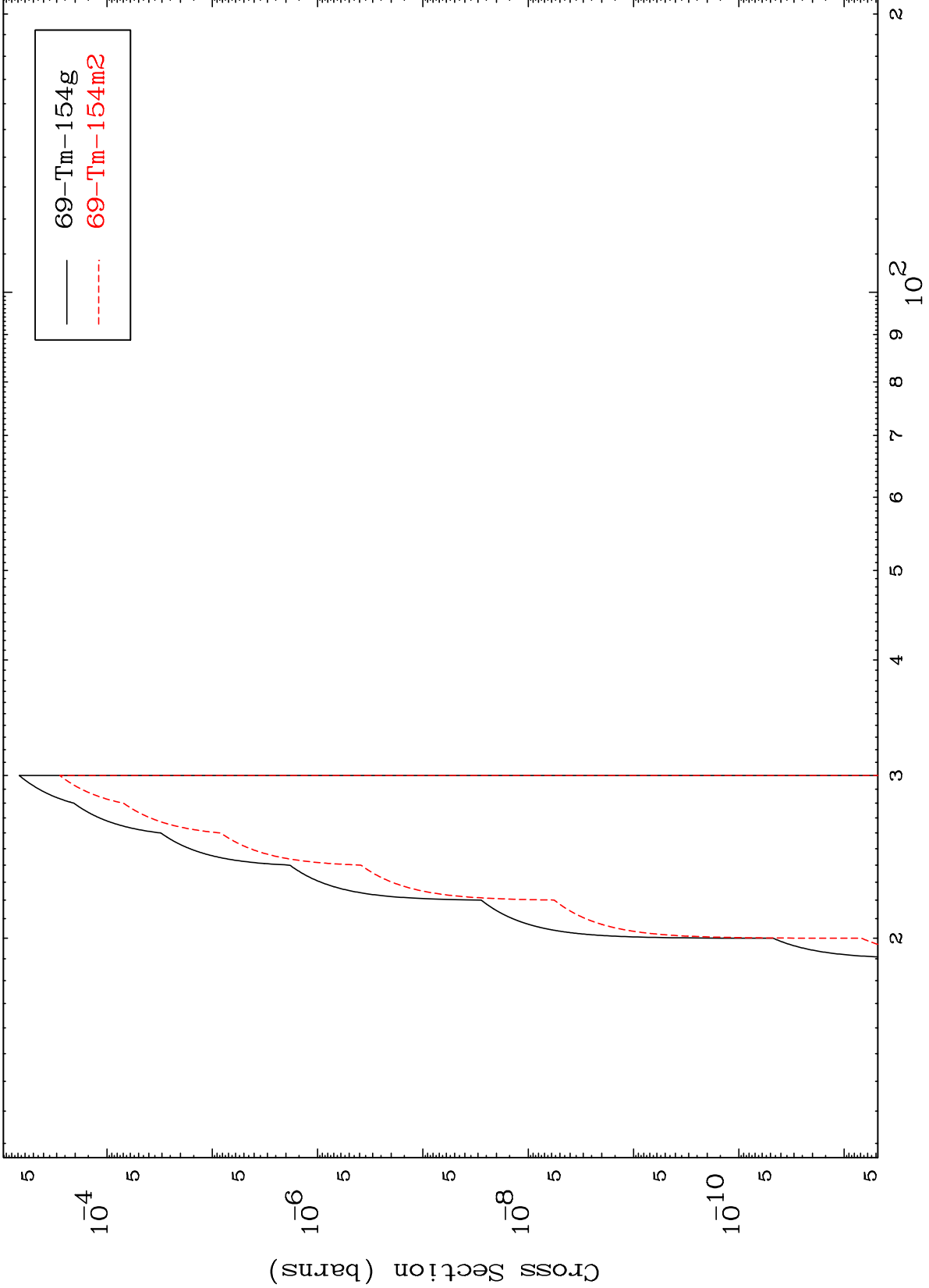


22

Incident Energy (MeV)

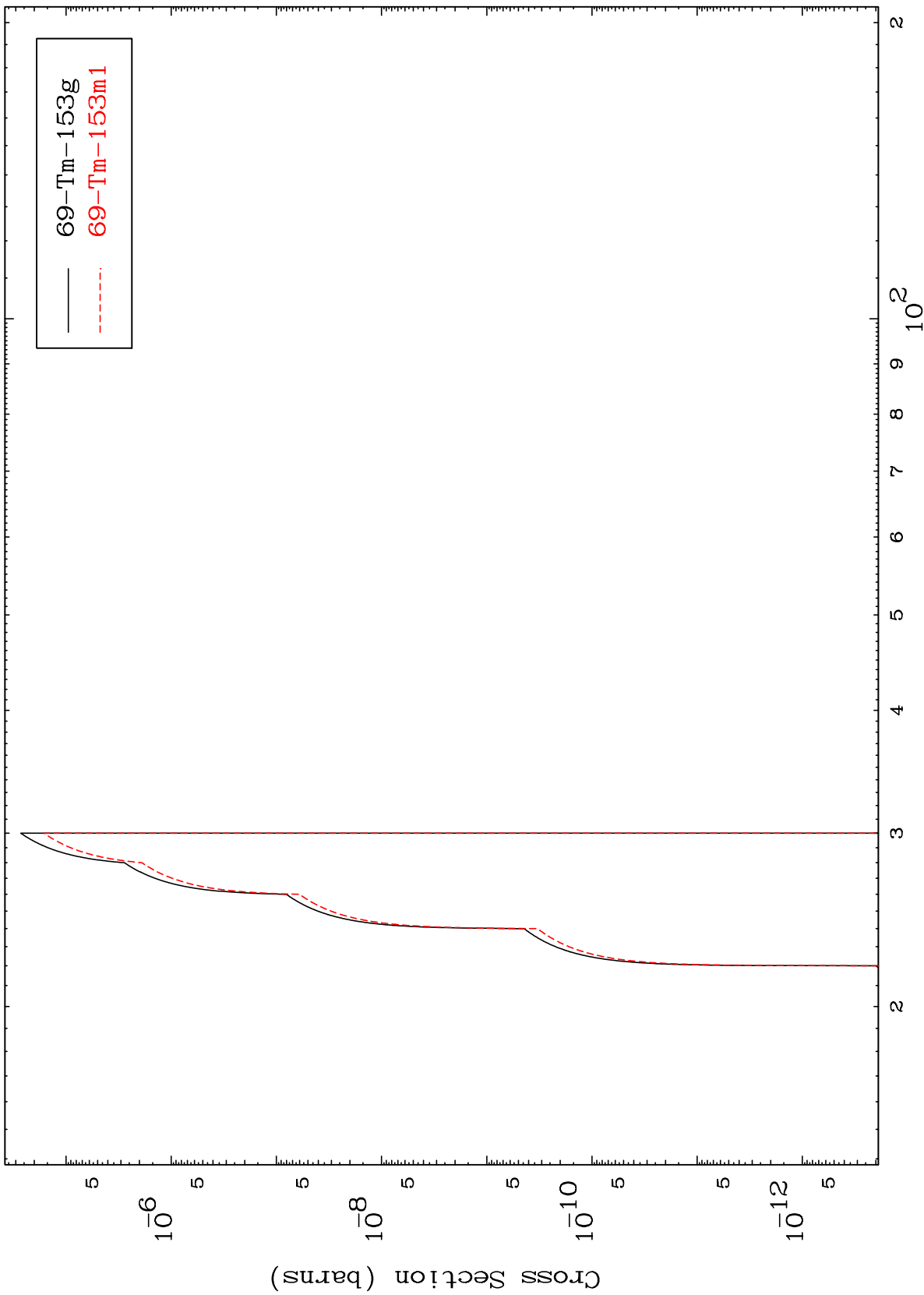
70-Yb-156

Radionuclide Production Cross Section





Radionuclide Production Cross Section

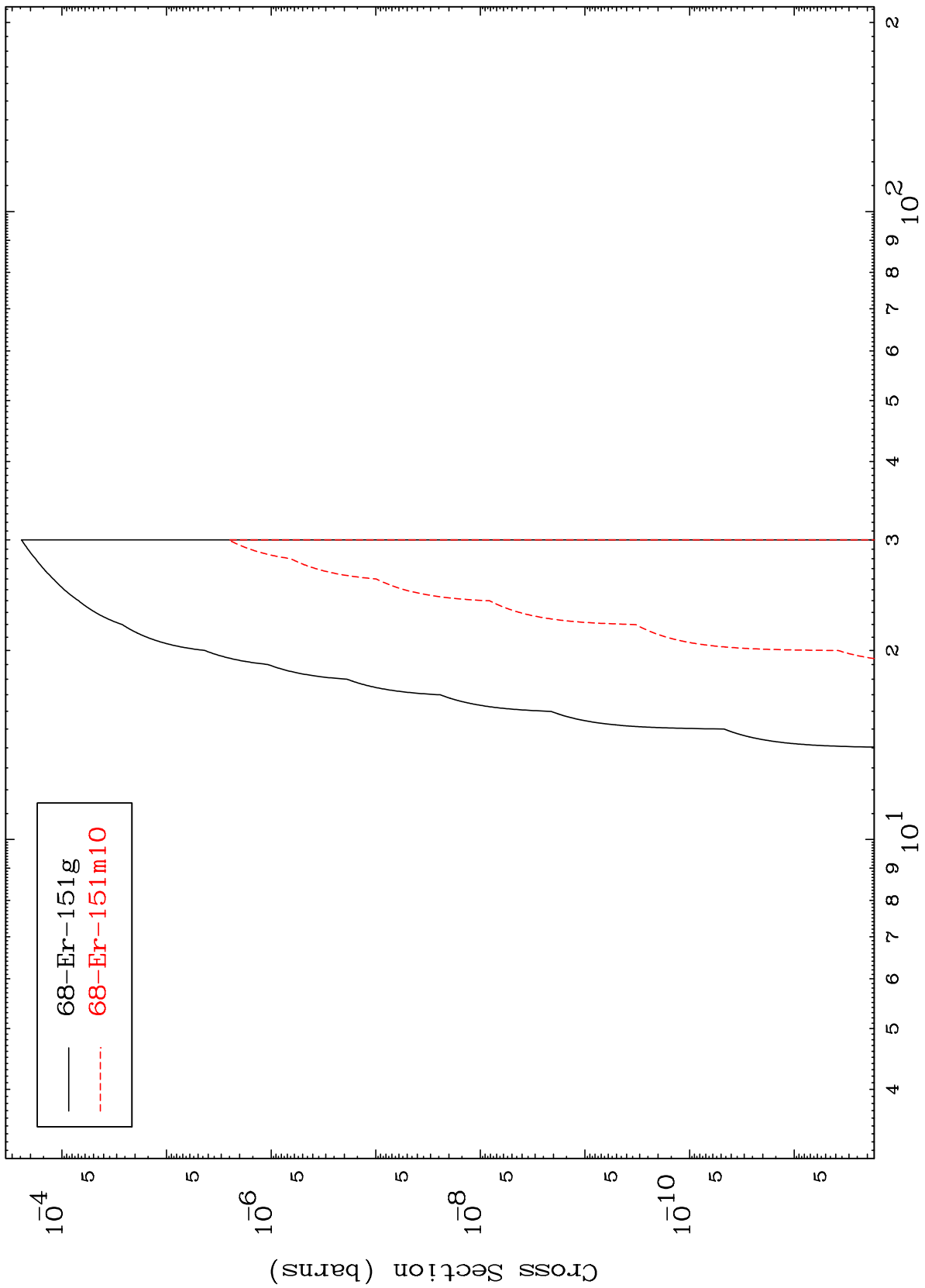


MAT 6989

(p,d)  $\alpha$

70-Yb-156

Radionuclide Production Cross Section



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

25

Incident Energy (MeV)

70-Yb-156