

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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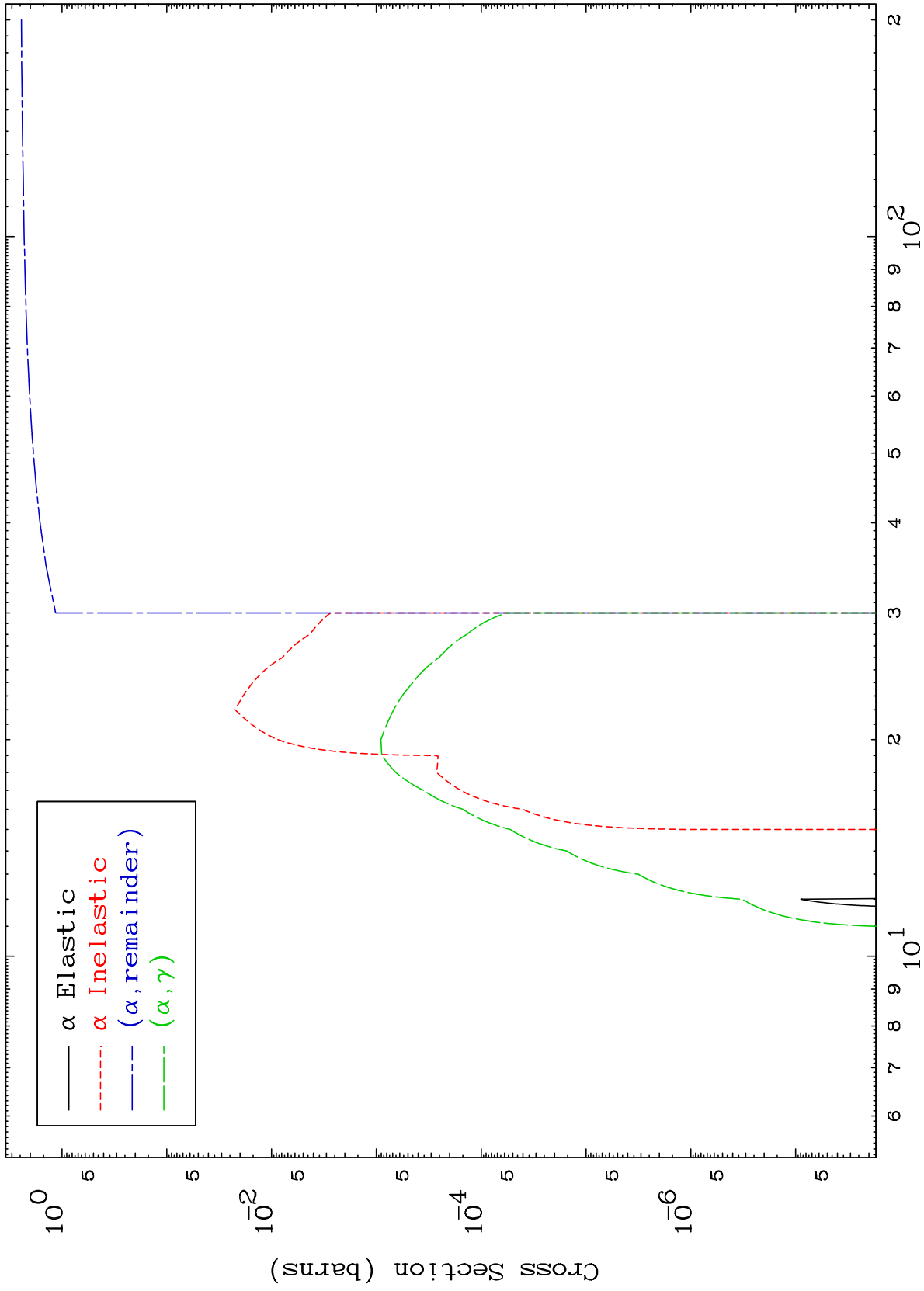
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6875

0 Kelvin  $\alpha$  Major  
Cross Sections

69-Tm-152



1

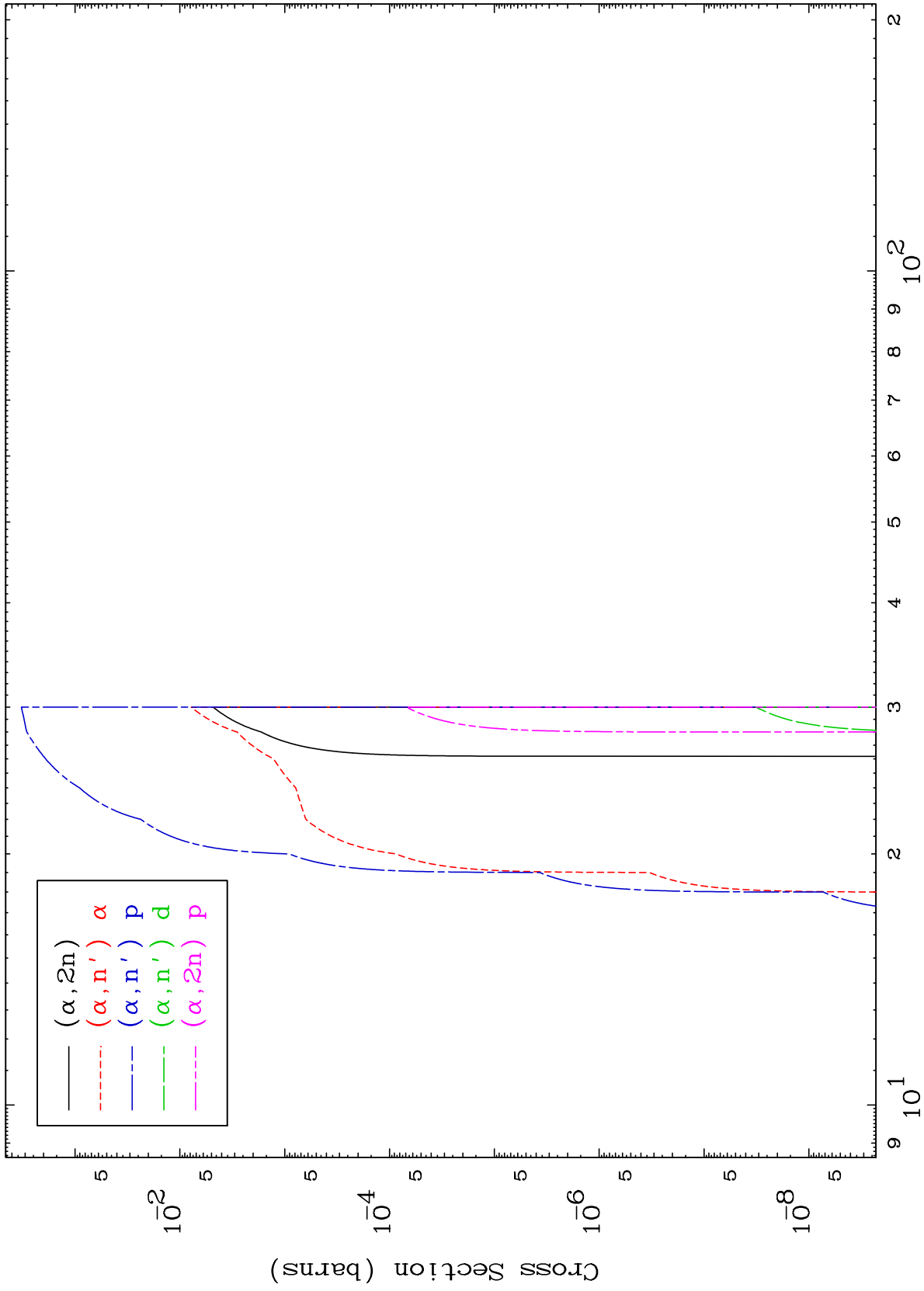
Incident Energy (MeV)

69-Tm-152

MAT 6875

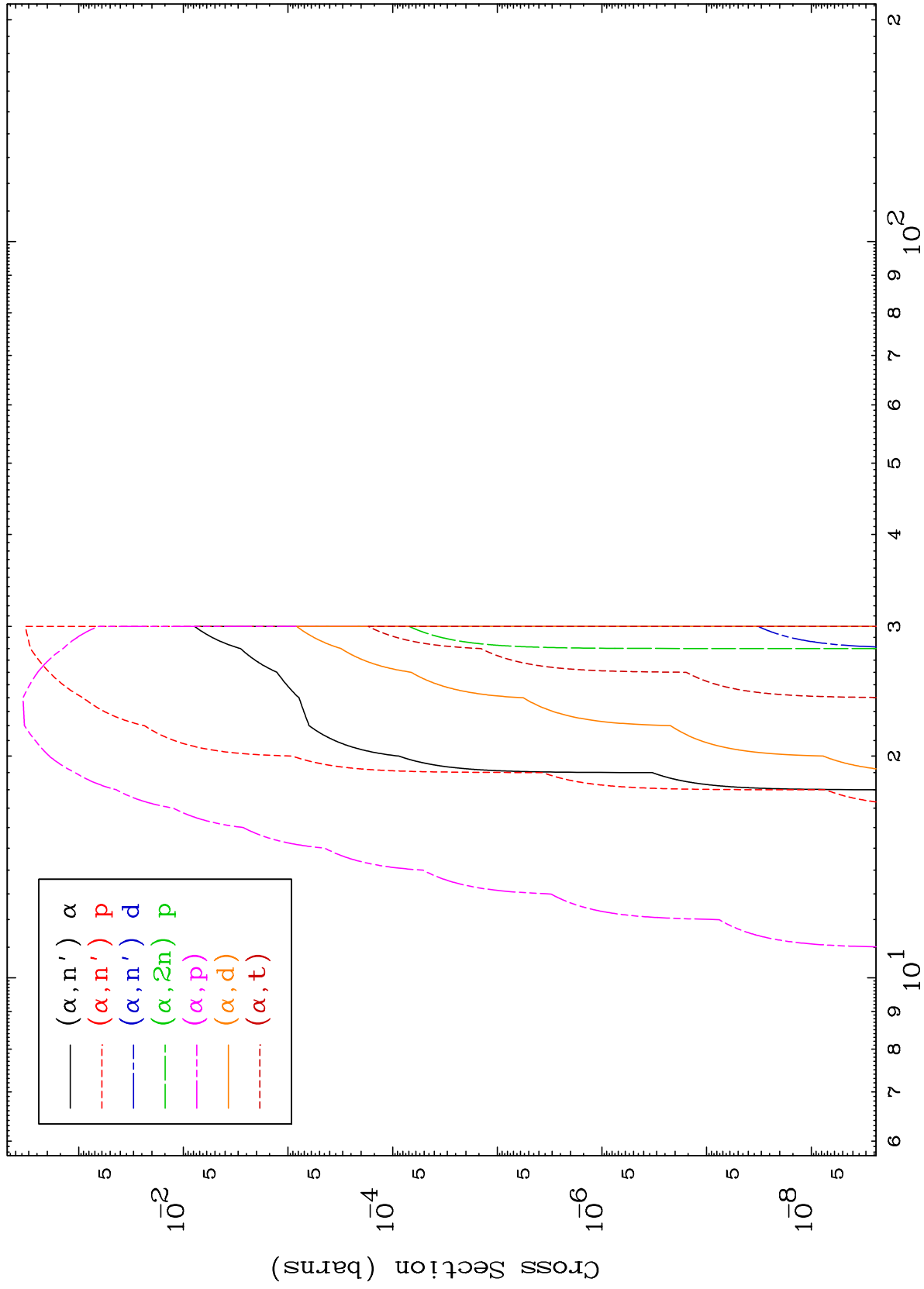
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

69-Tm-152



69-Tm-152

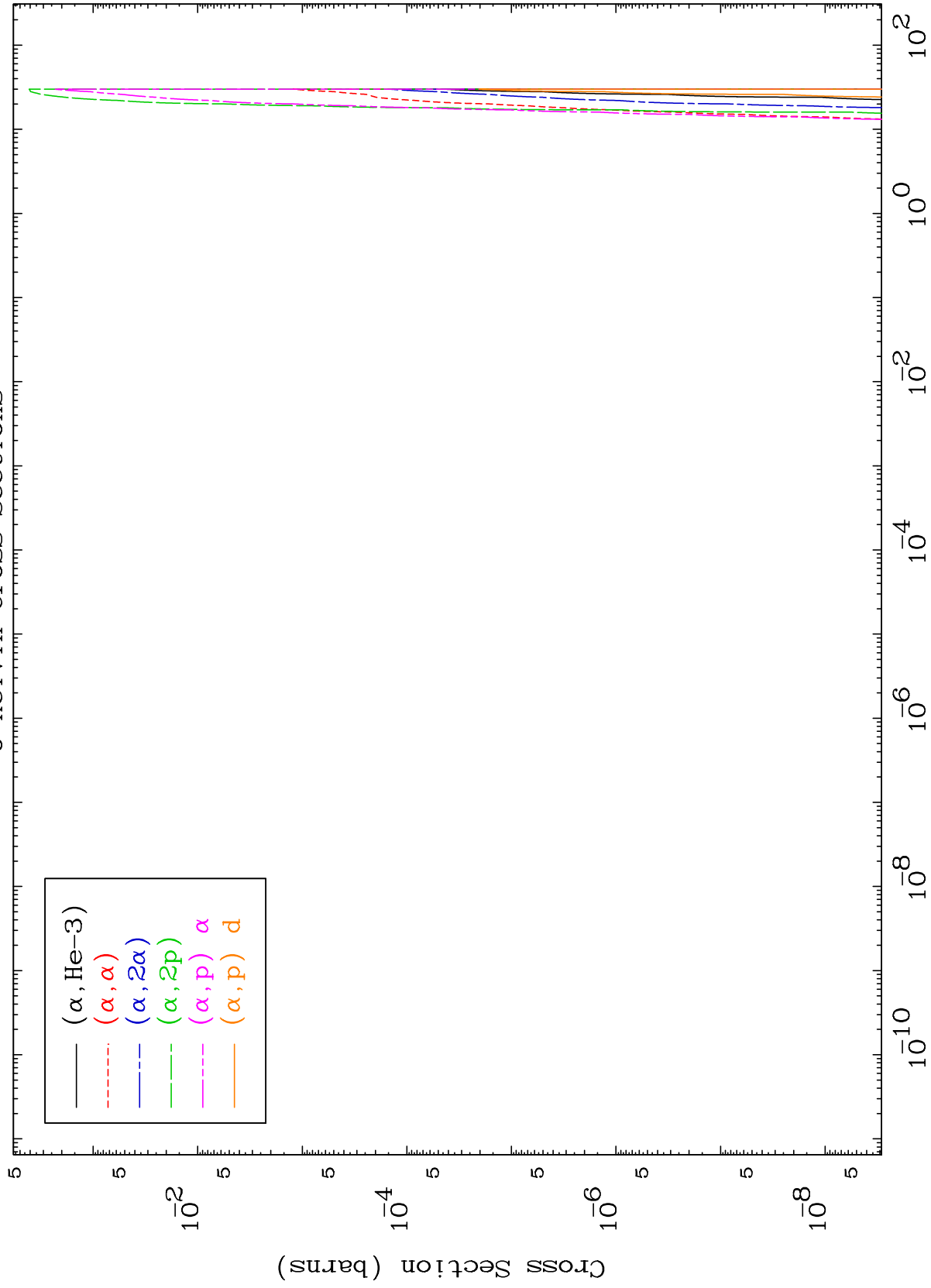
Incident Energy (MeV)



MAT 6875

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

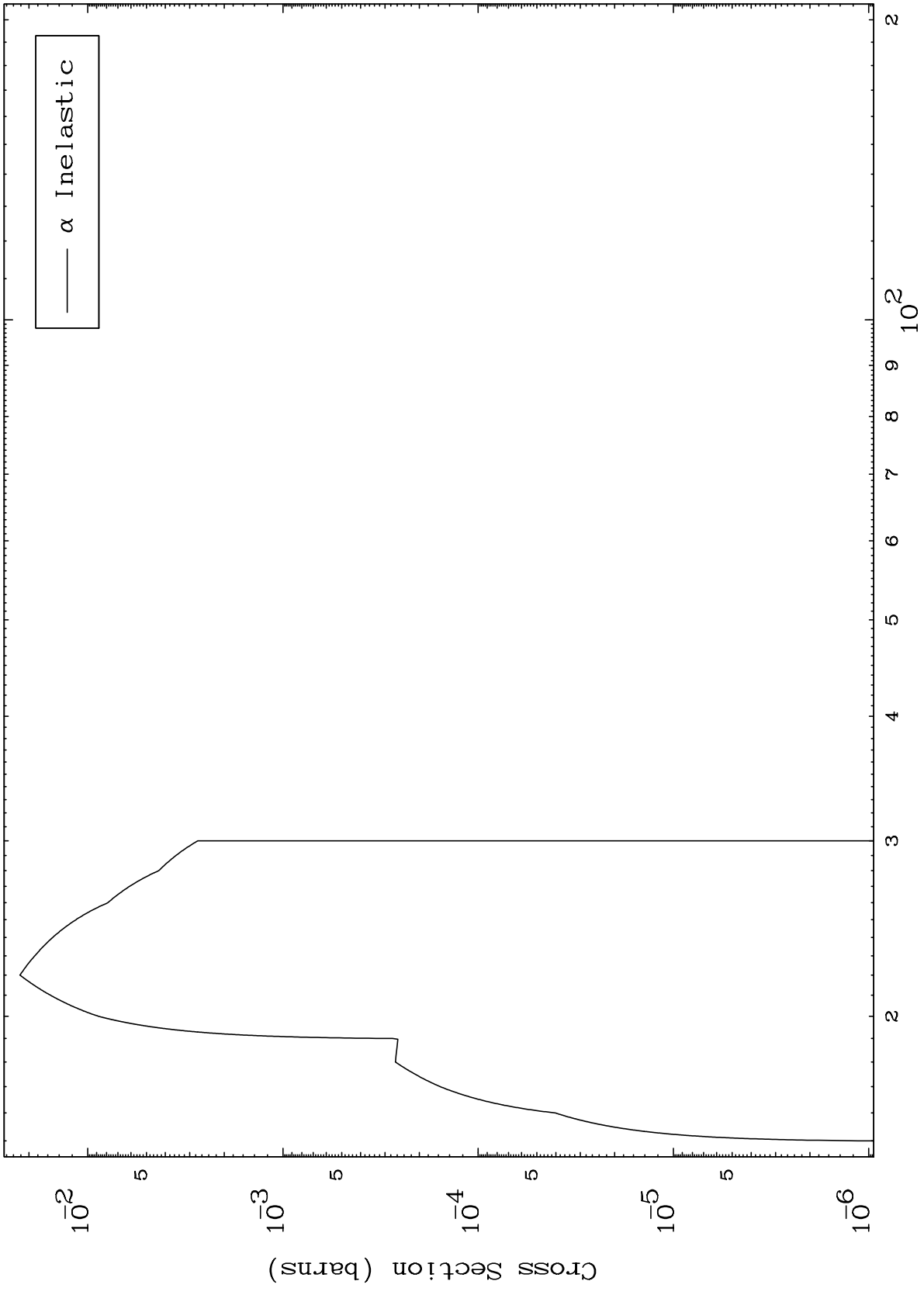
69-Tm-152



MAT 6875

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

69-Tm-152



5

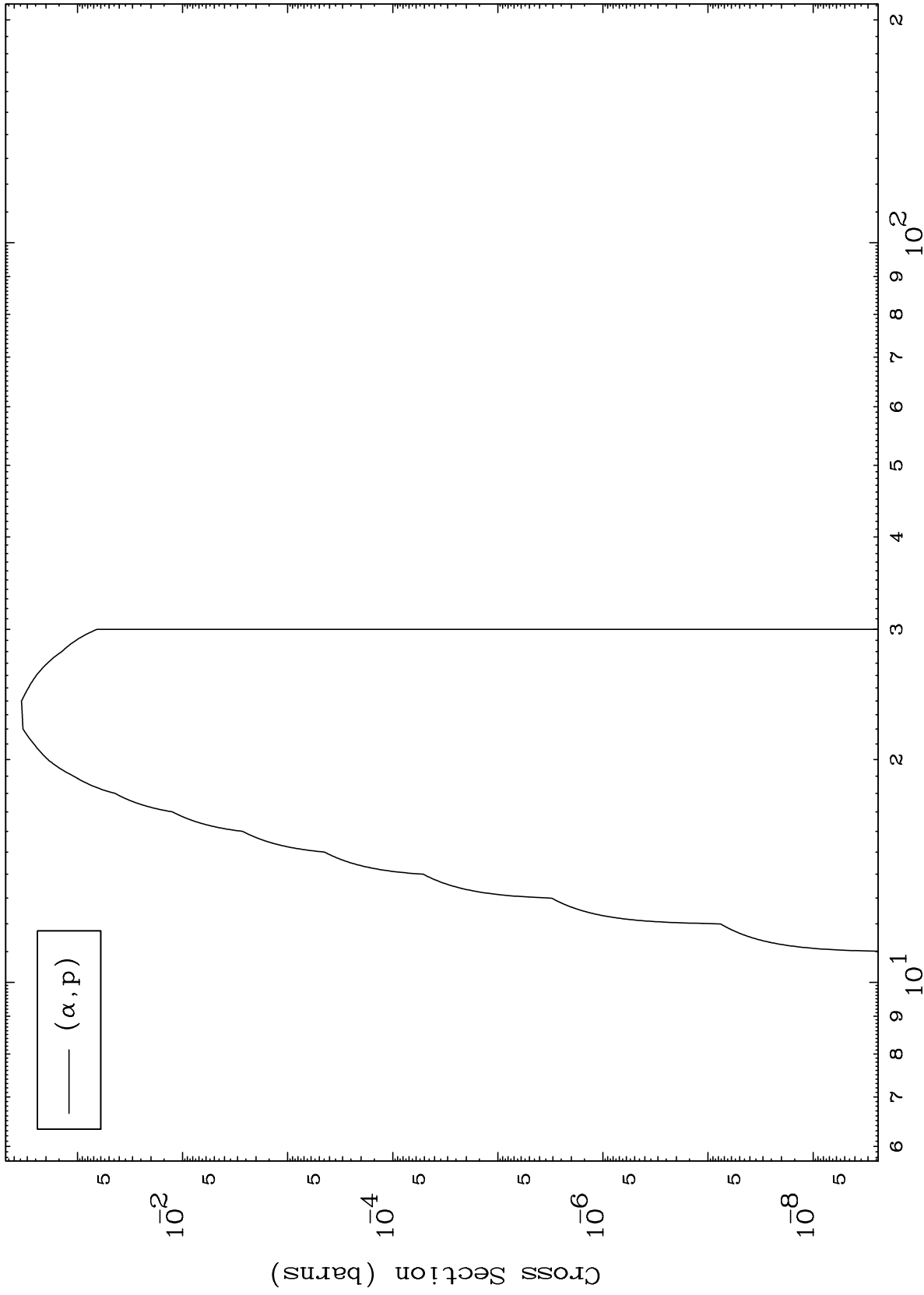
Incident Energy (MeV)

69-Tm-152

MAT 6875

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

69-Tm-152



6

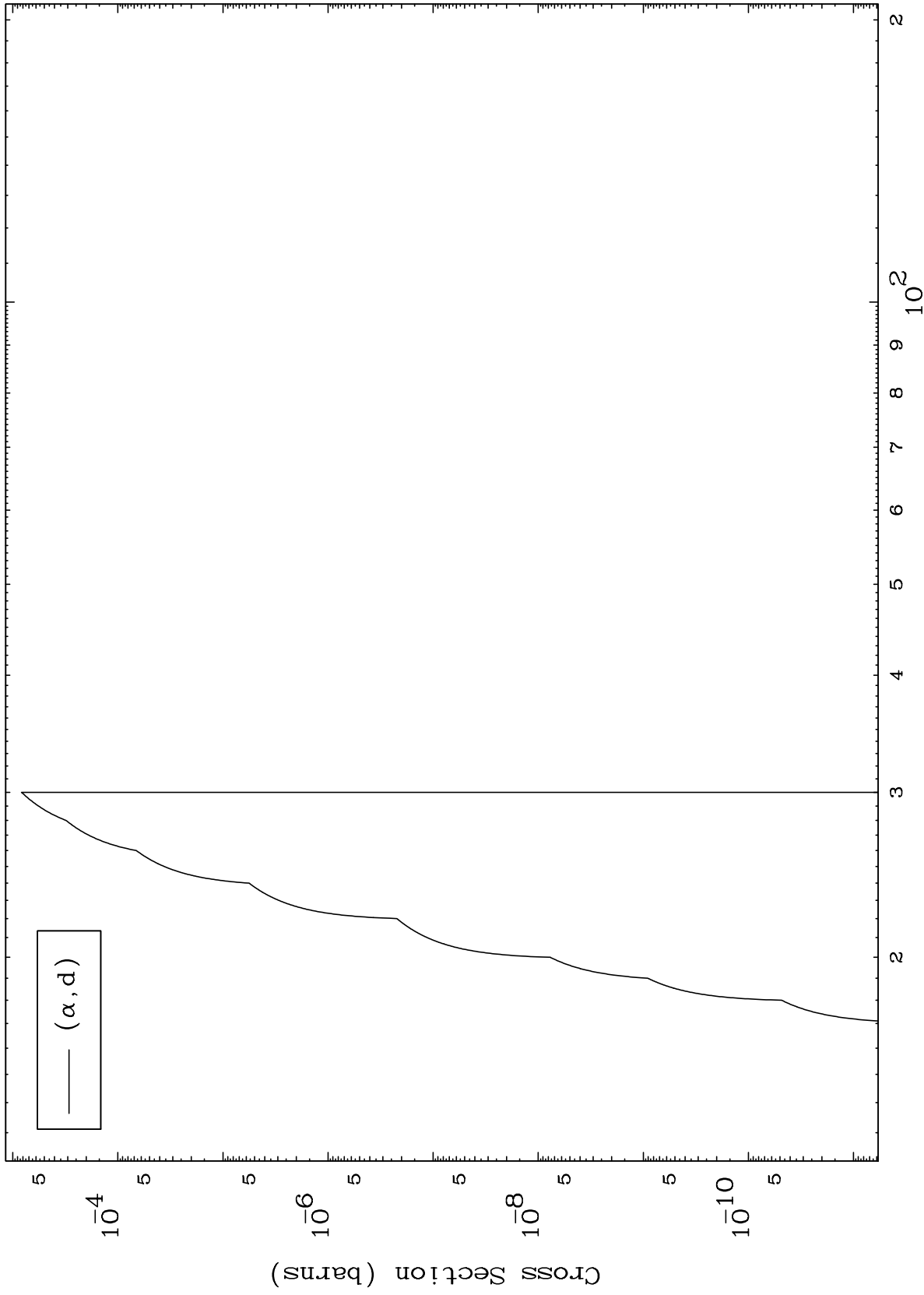
Incident Energy (MeV)

69-Tm-152

MAT 6875

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

69-Tm-152



7

Incident Energy (MeV)

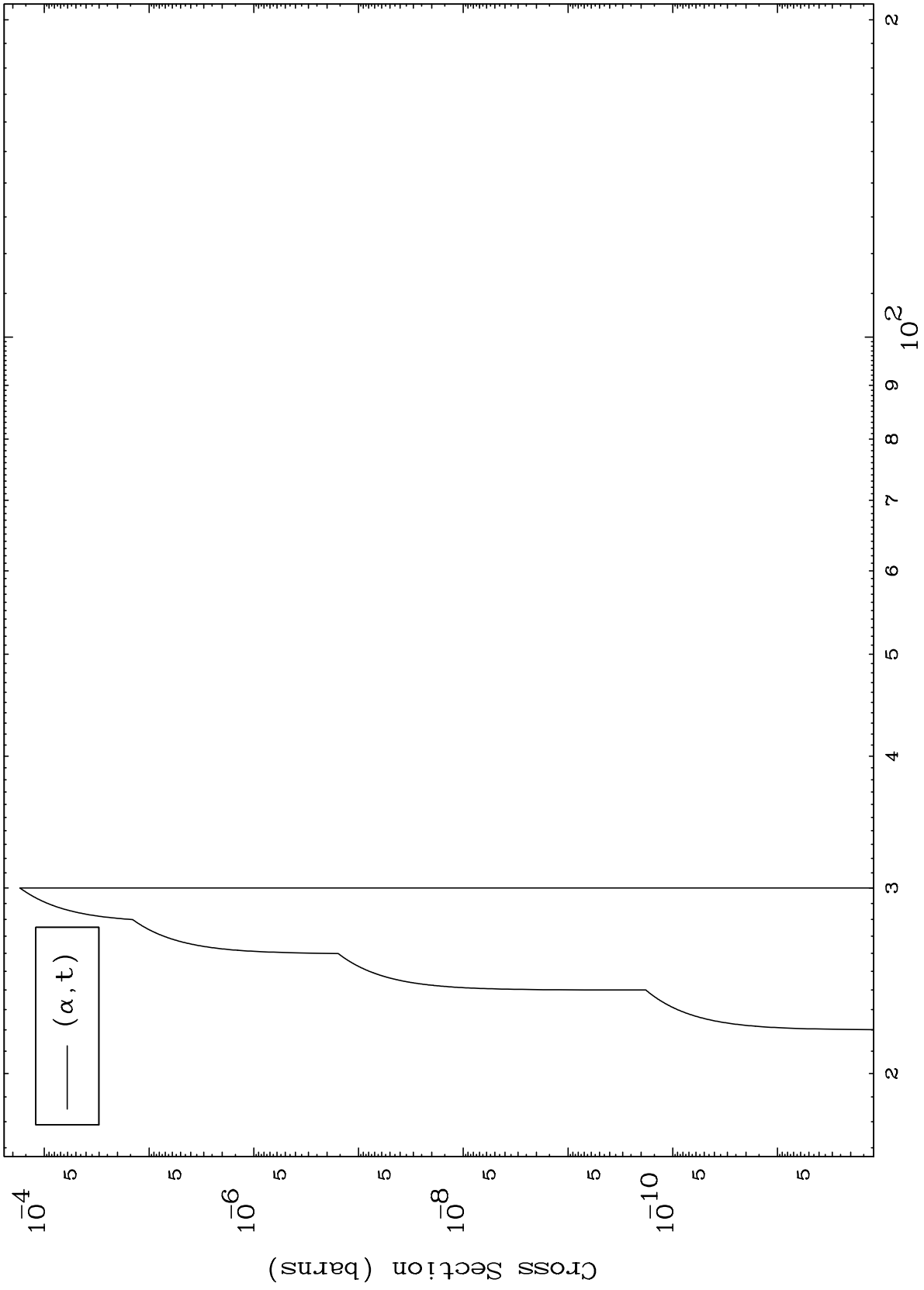
69-Tm-152



MAT 6875

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

69-Tm-152



8

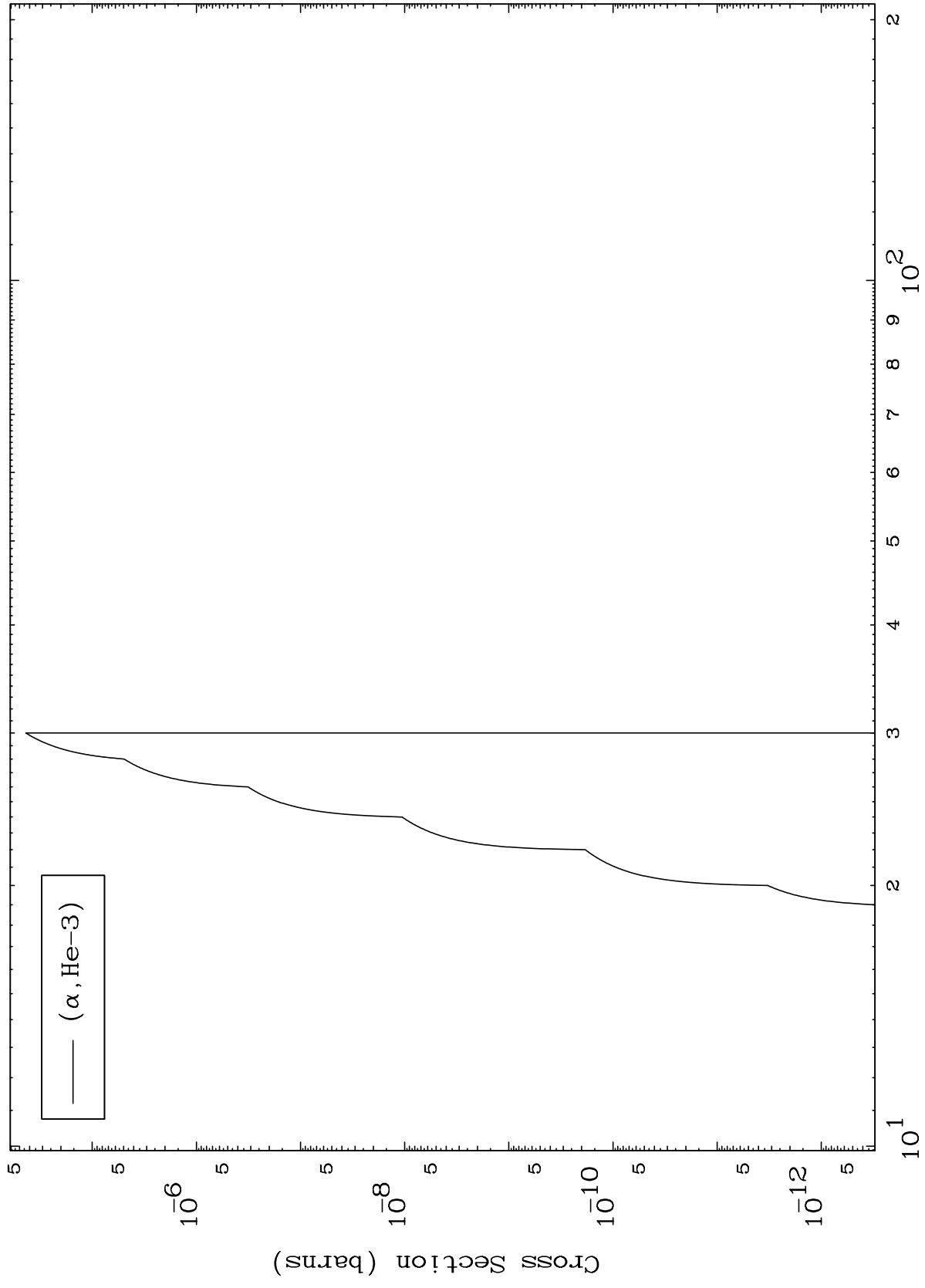
Incident Energy (MeV)

69-Tm-152

MAT 6875

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

69-Tm-152



9

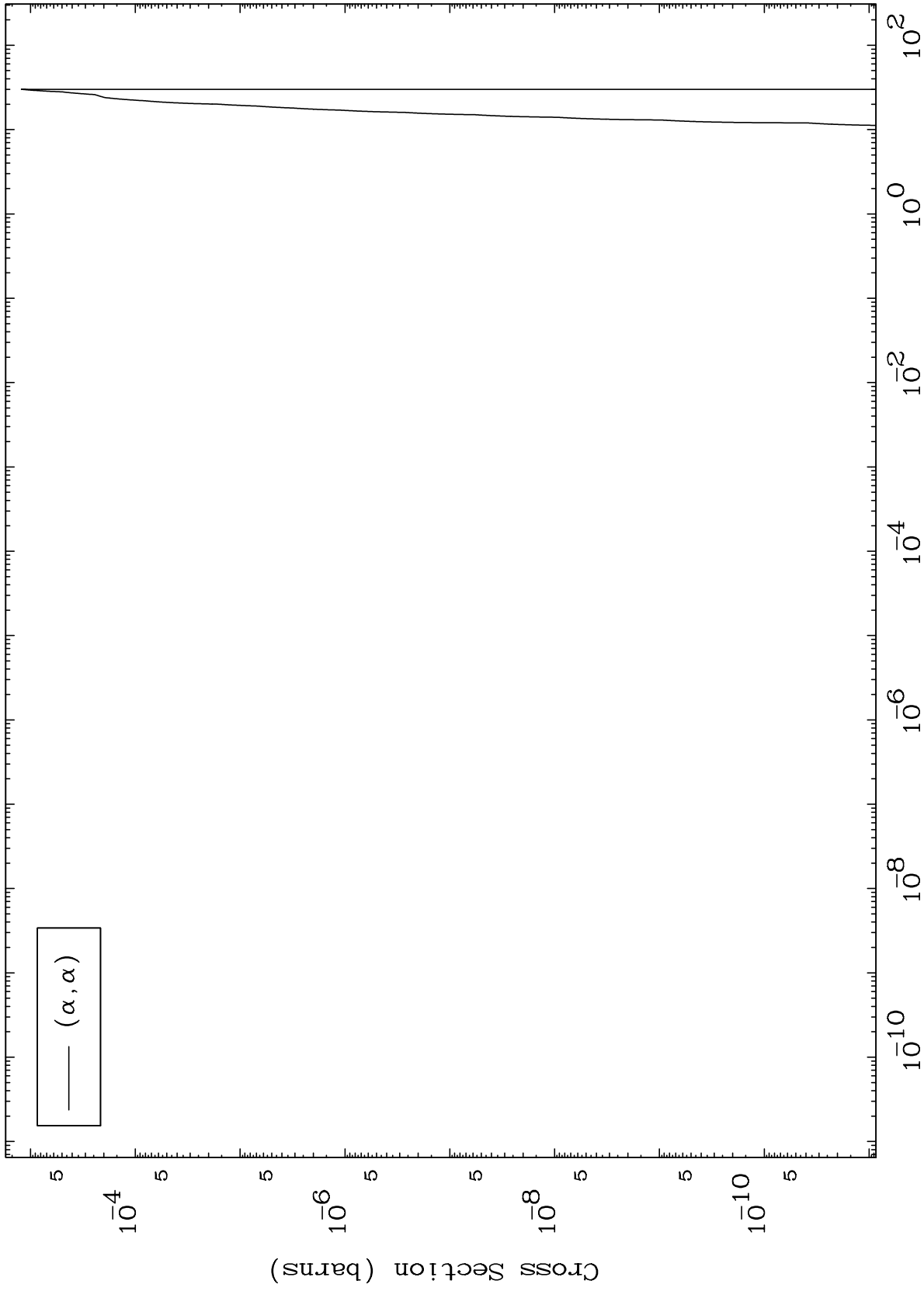
Incident Energy (MeV)

69-Tm-152

MAT 6875

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

69-Tm-152

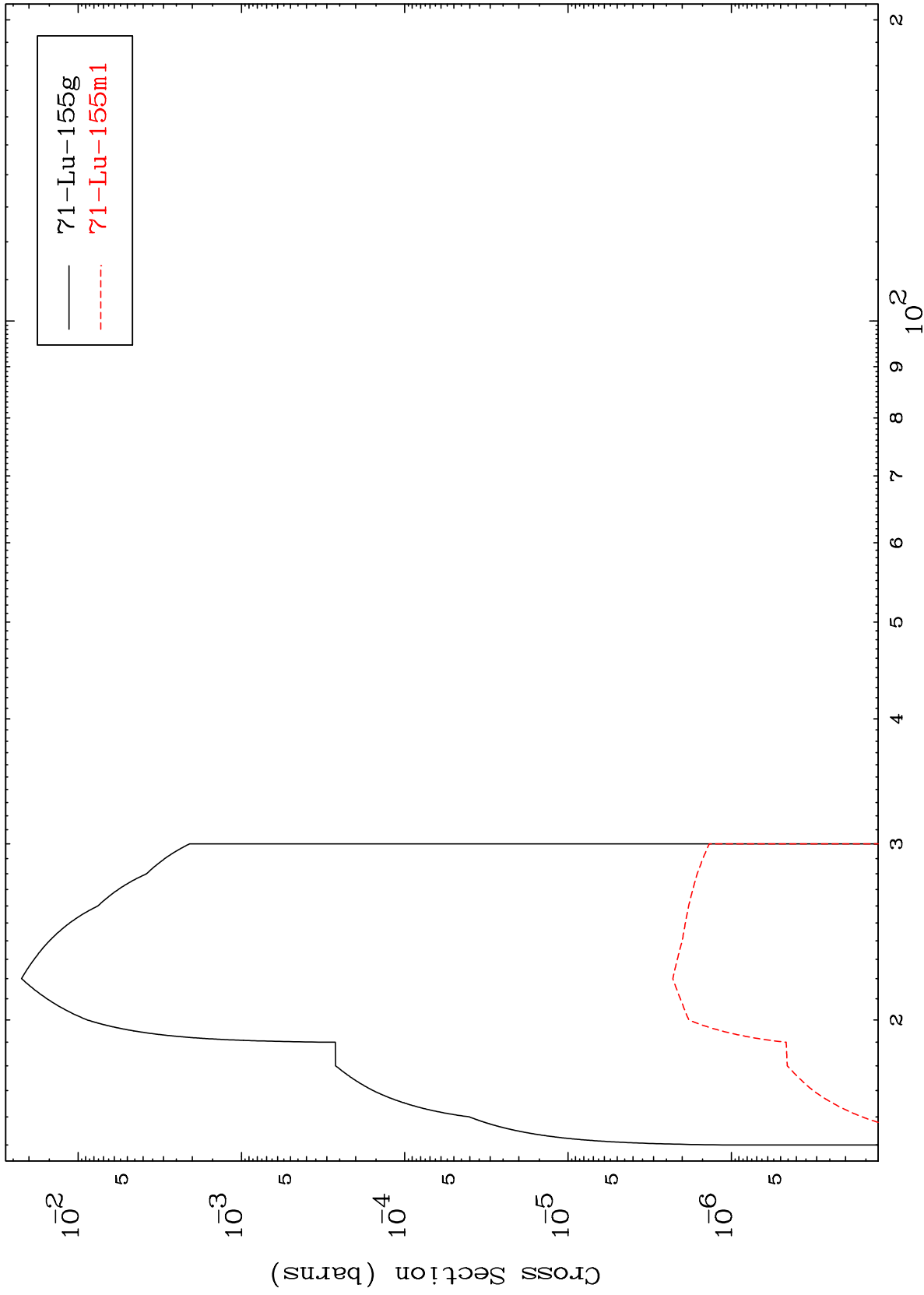


10

Incident Energy (MeV)

69-Tm-152

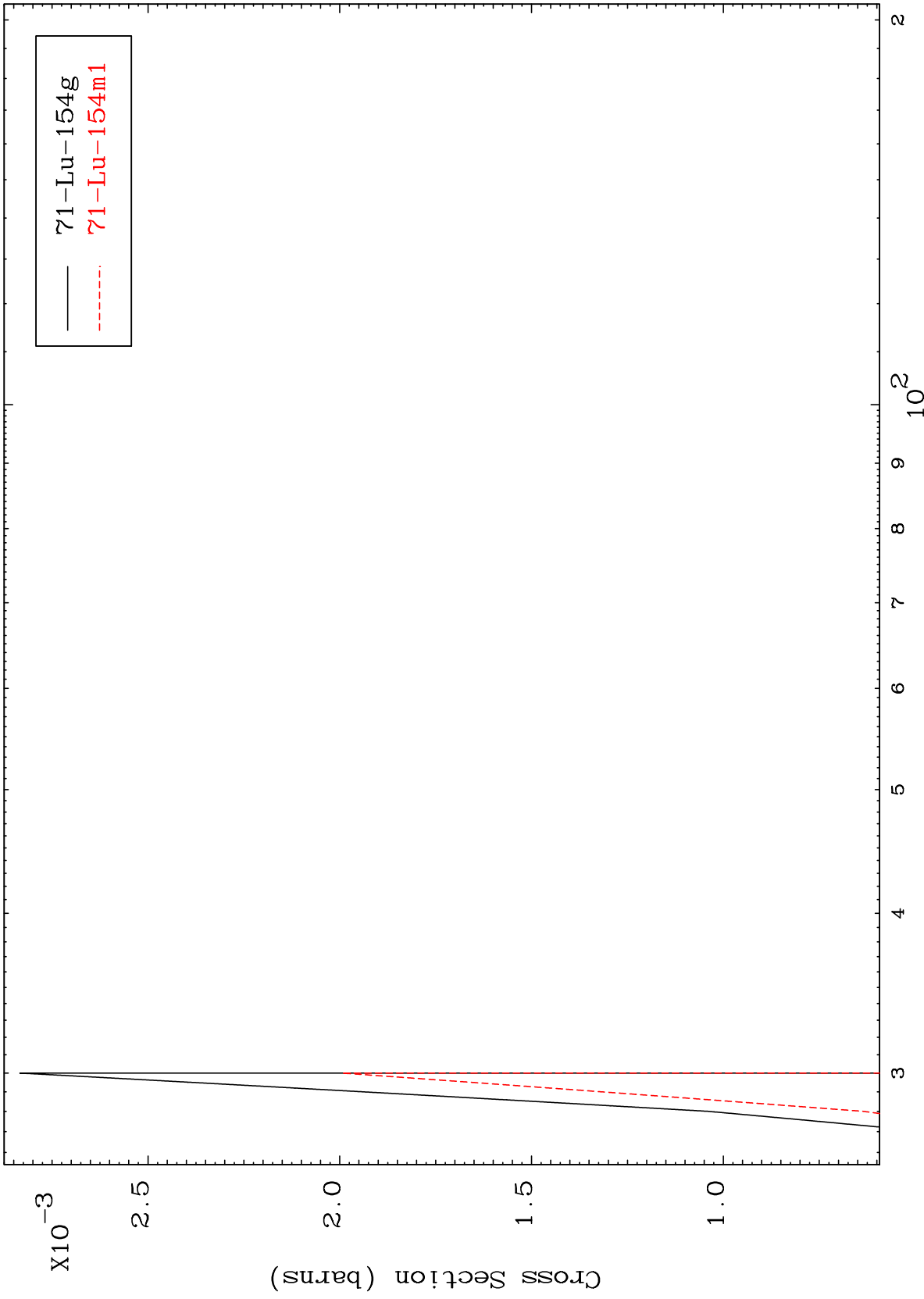
Radionuclide Production Cross Section



MAT 6875

69-Tm-152

Radionuclide Production Cross Section  
( $\alpha, 2n$ )



12

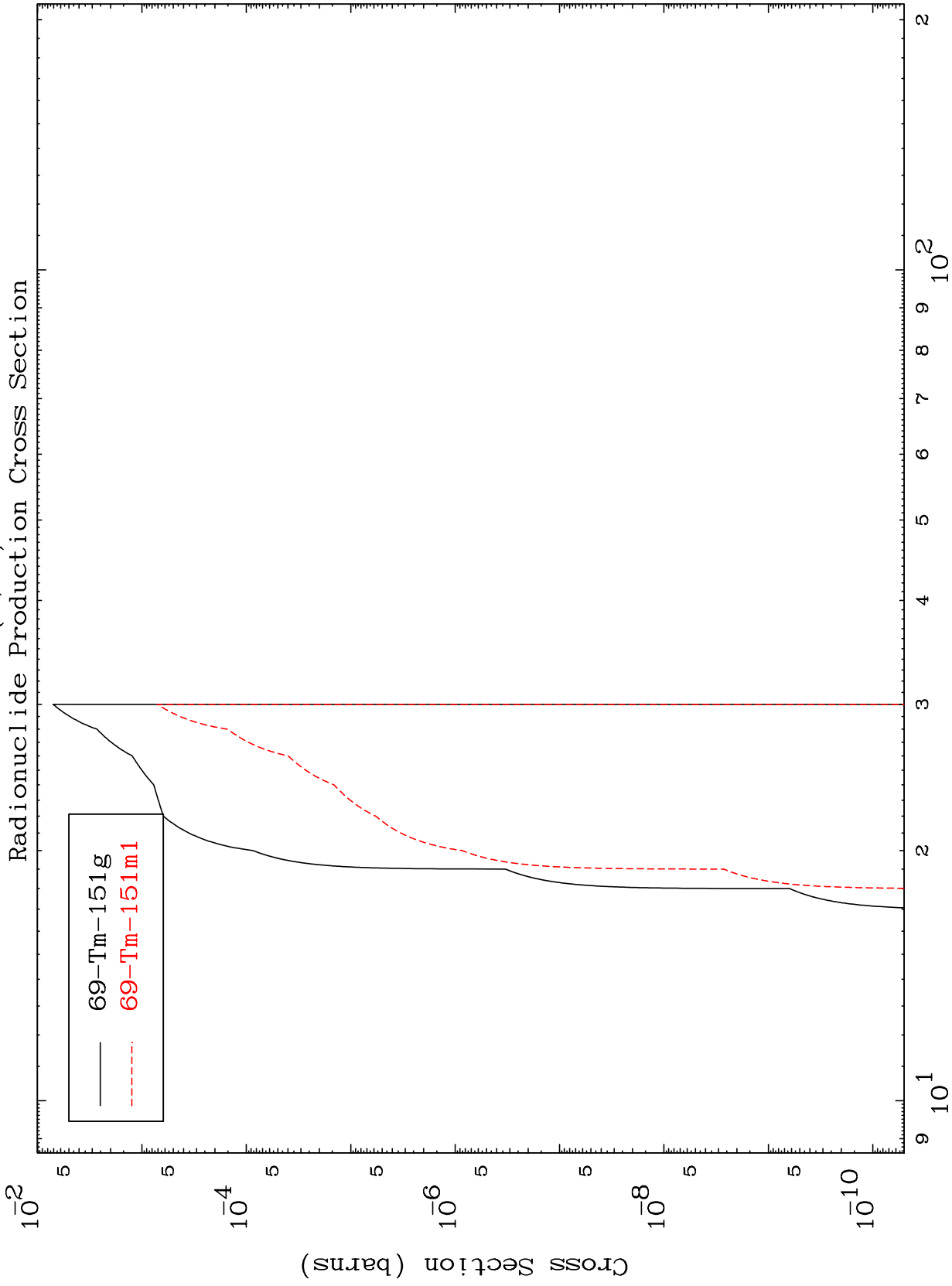
Incident Energy (MeV)

69-Tm-152

MAT 6875

( $\alpha, n'$ )  $\alpha$

69-Tm-152



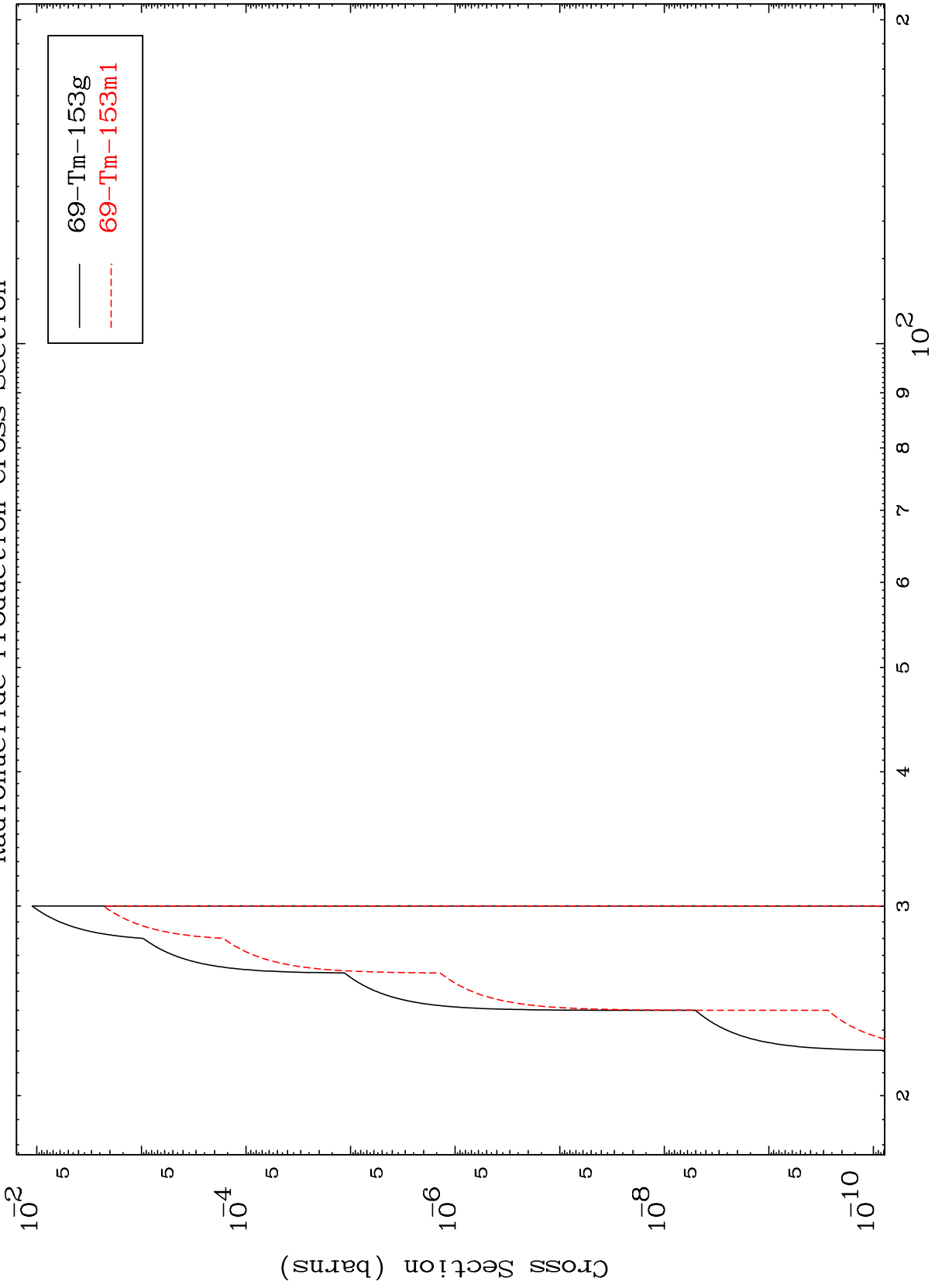
13

MAT 6875

( $\alpha, 2n$ ) p

69-Tm-152

Radionuclide Production Cross Section



14

Incident Energy (MeV)

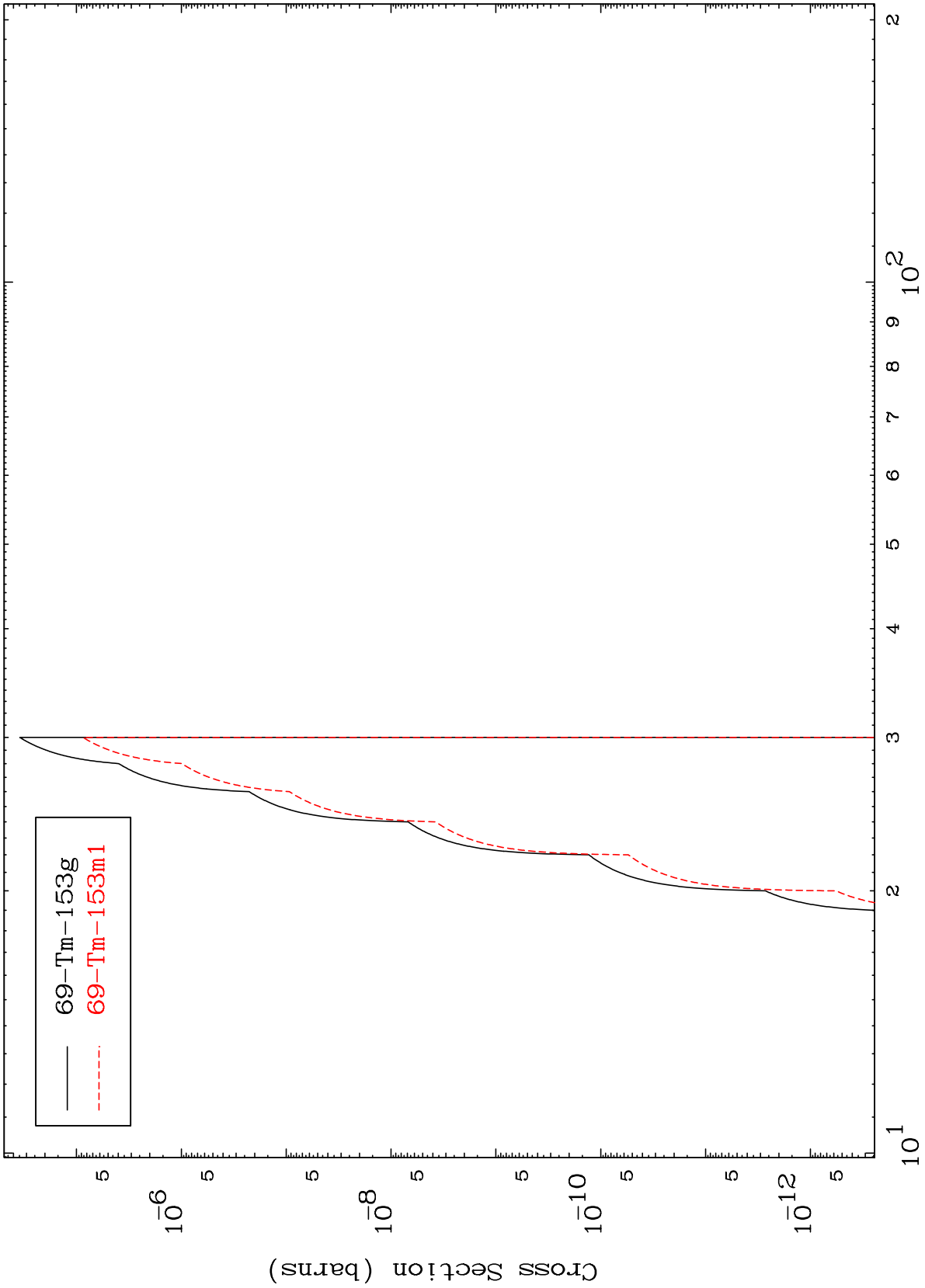
69-Tm-152

MAT 6875

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

69-Tm-152

Radionuclide Production Cross Section



15

Incident Energy (MeV)

69-Tm-152

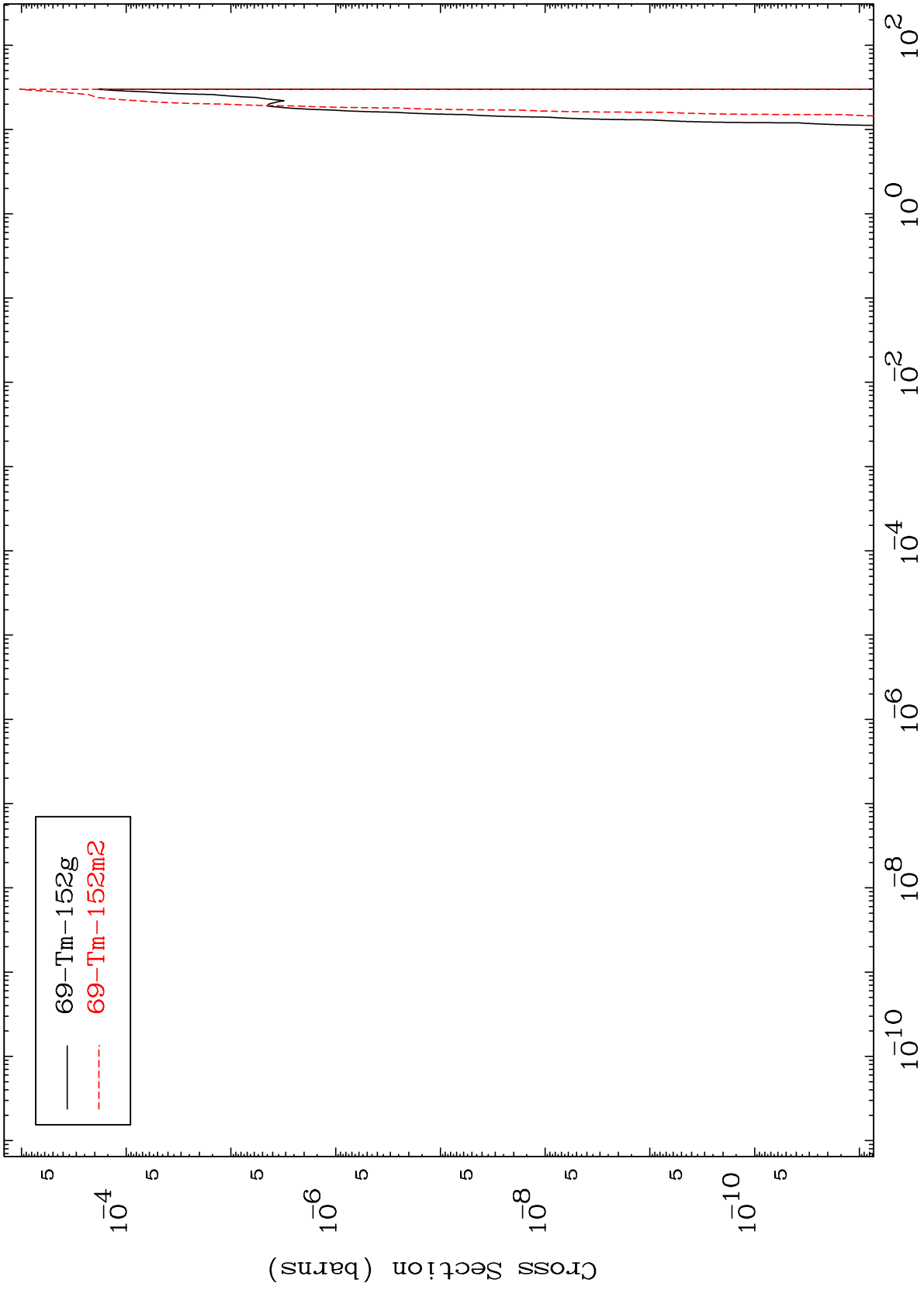


MAT 6875

( $\alpha, \alpha$ )

69-Tm-152

Radionuclide Production Cross Section



16

Incident Energy (MeV)

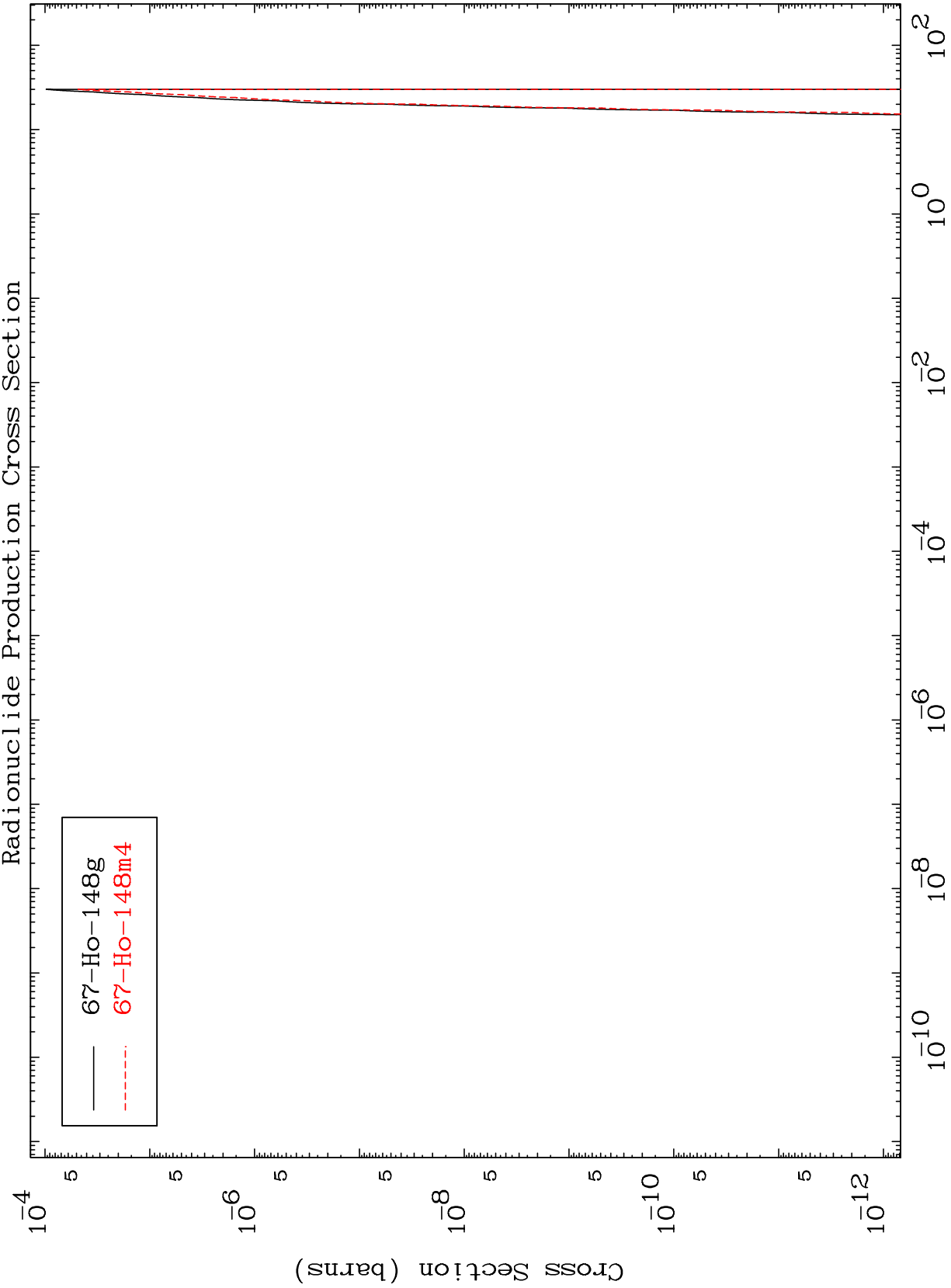
69-Tm-152

MAT 6875

( $\alpha, 2\alpha$ )

69-Tm-152

Radionuclide Production Cross Section

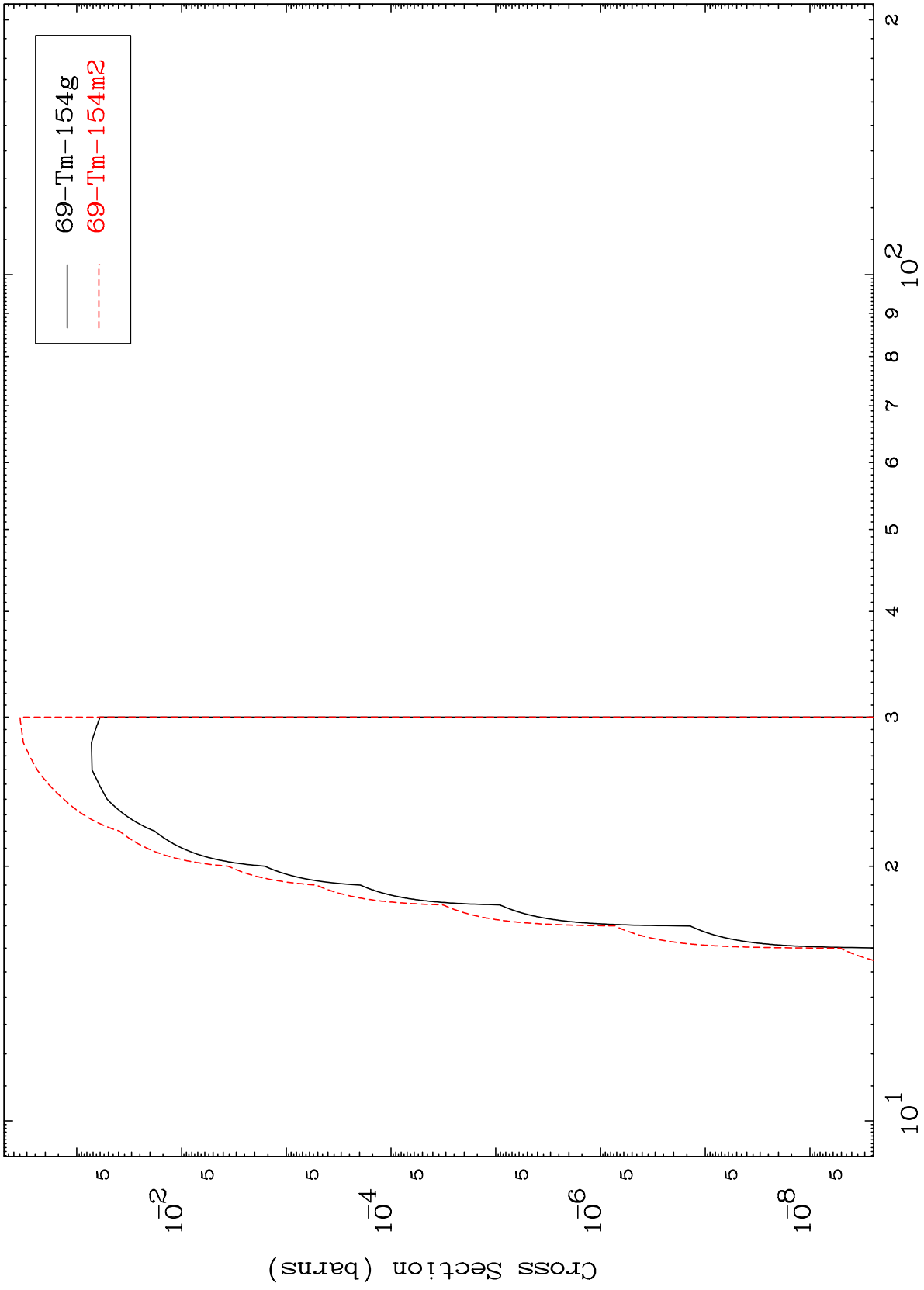


67-Ho-148g  
67-Ho-148m4

MAT 6875

69-Tm-152

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



69-Tm-152

Incident Energy (MeV)

18

$10^1$

$10^2$

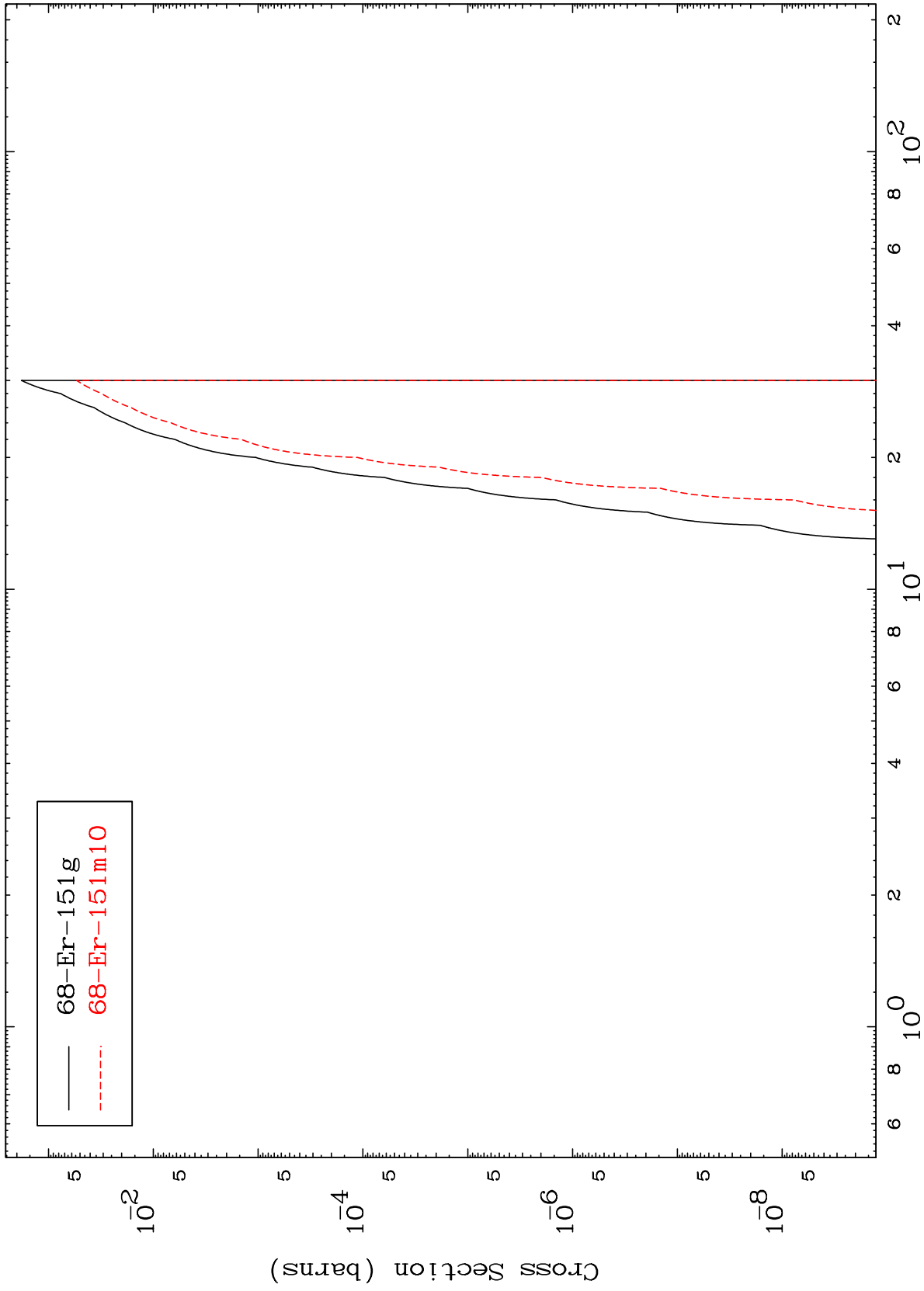
2

MAT 6875

( $\alpha, p$ )  $\alpha$

69-Tm-152

Radionuclide Production Cross Section



19

Incident Energy (MeV)

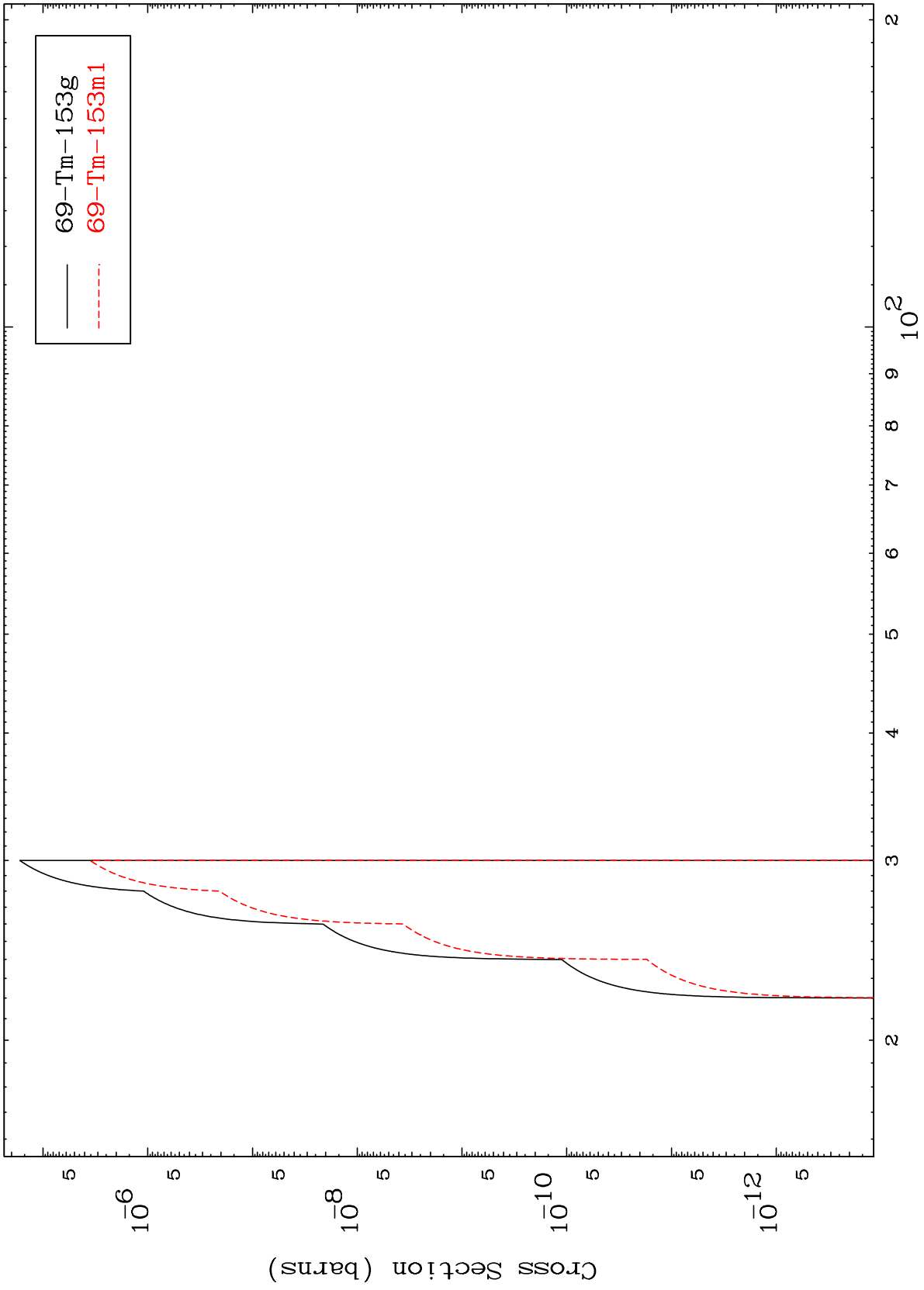
69-Tm-152

MAT 6875

( $\alpha, p$ ) d

69-Tm-152

Radionuclide Production Cross Section



20

Incident Energy (MeV)

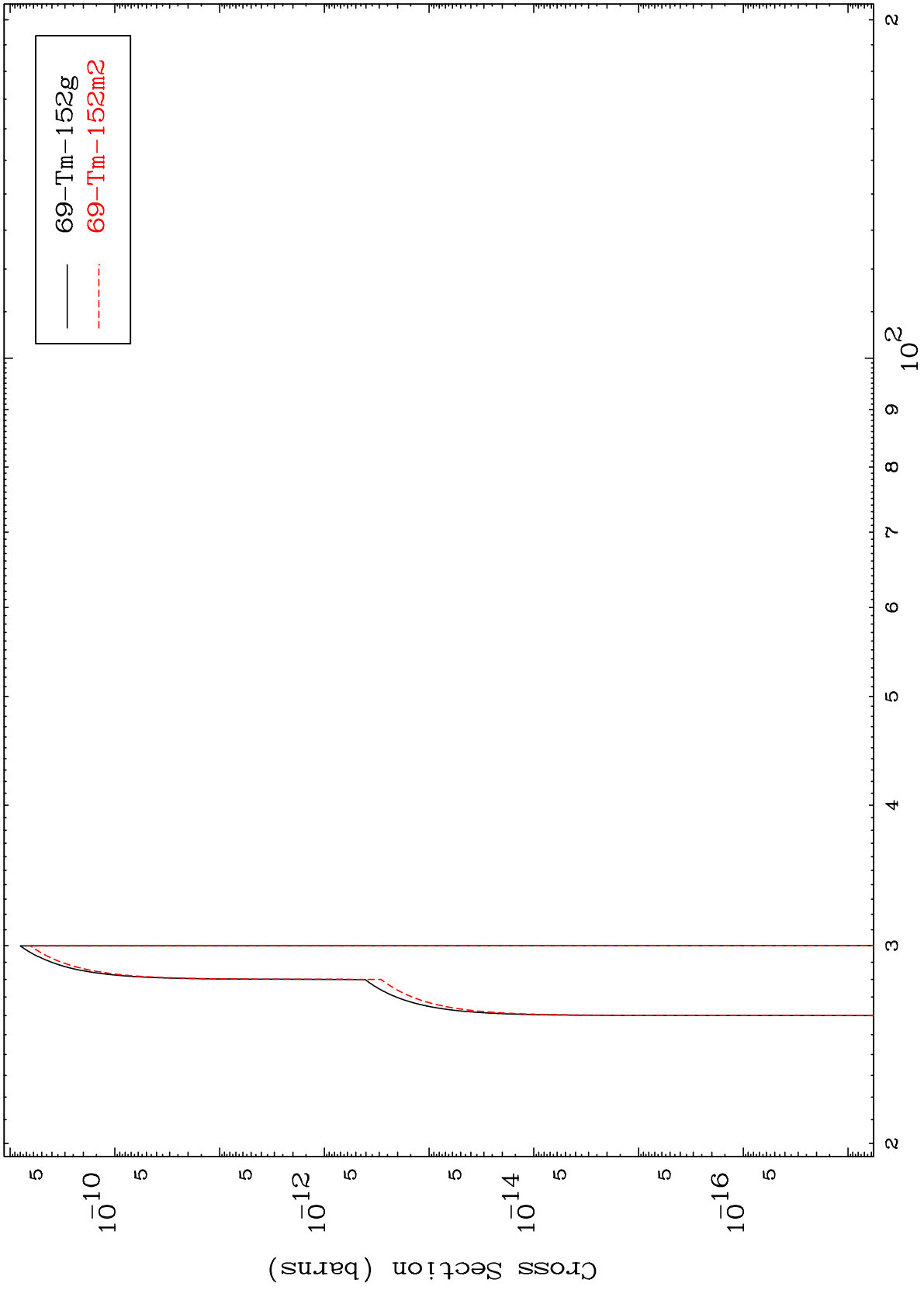
69-Tm-152

MAT 6875

( $\alpha, p$ ) t

69-Tm-152

Radionuclide Production Cross Section



21

Incident Energy (MeV)

69-Tm-152