

Program EVALPLOT  
(Version 2018-1)

by

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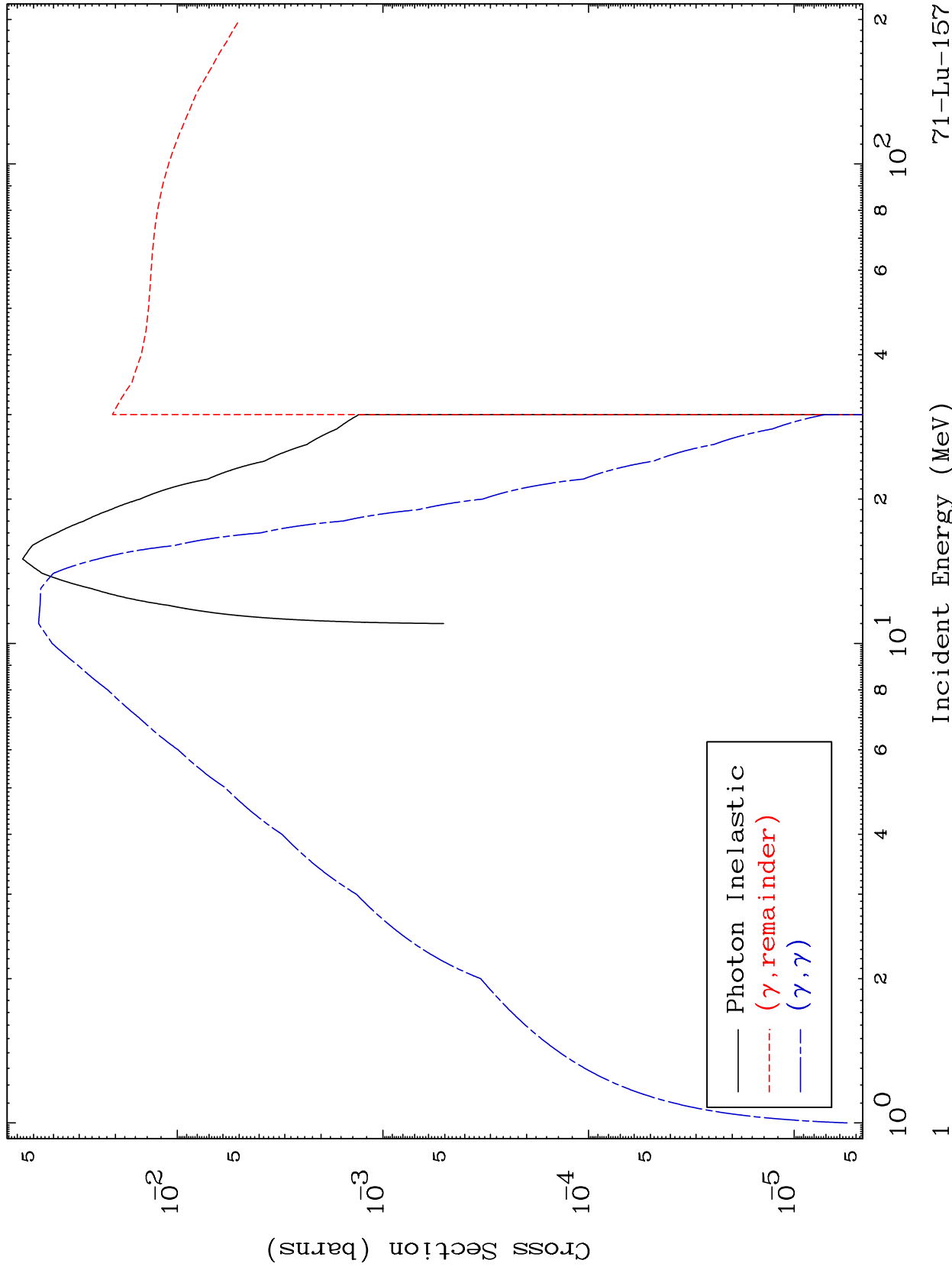
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7072

Photon Major  
0 Kelvin Cross Sections

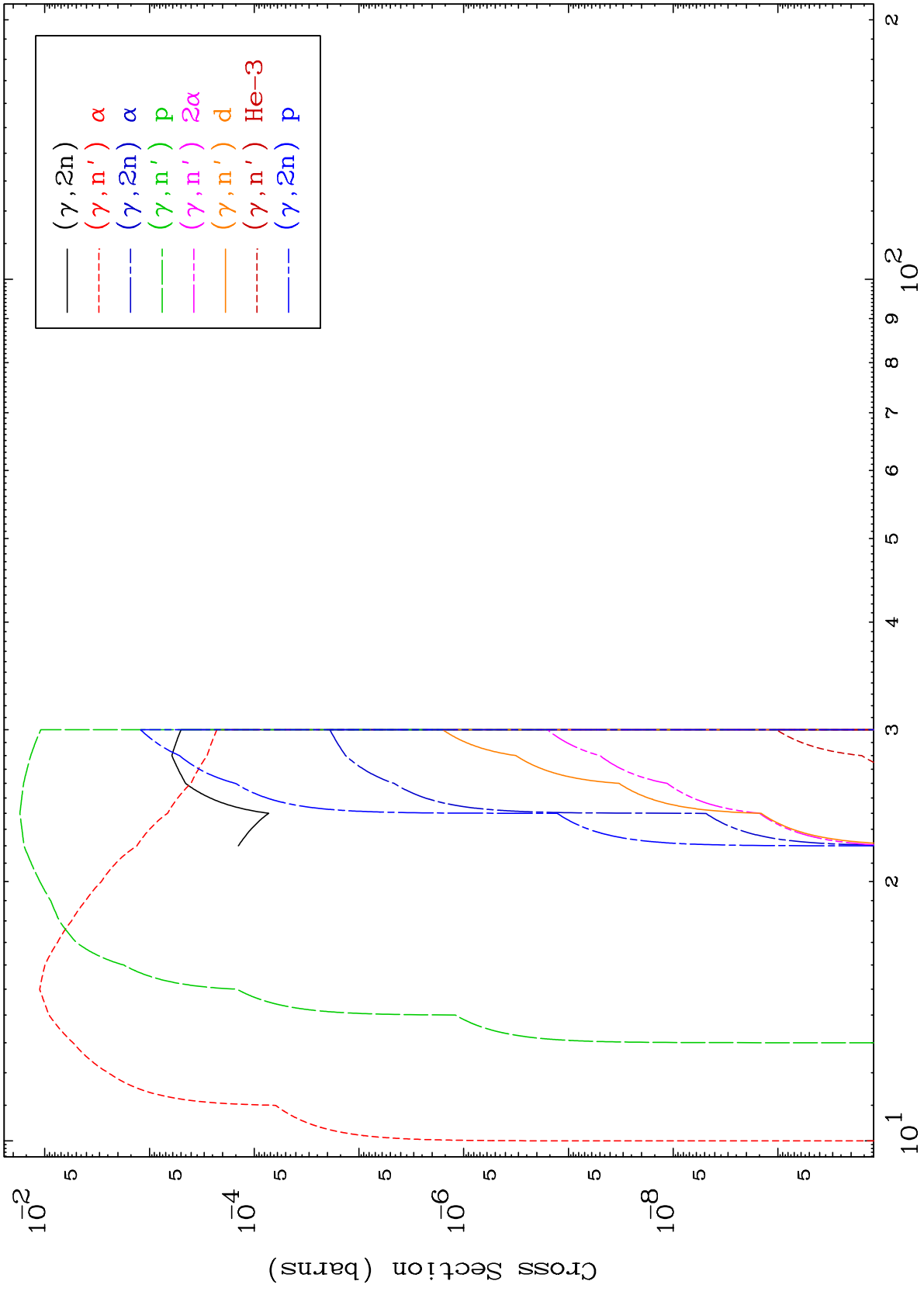
71-Lu-157



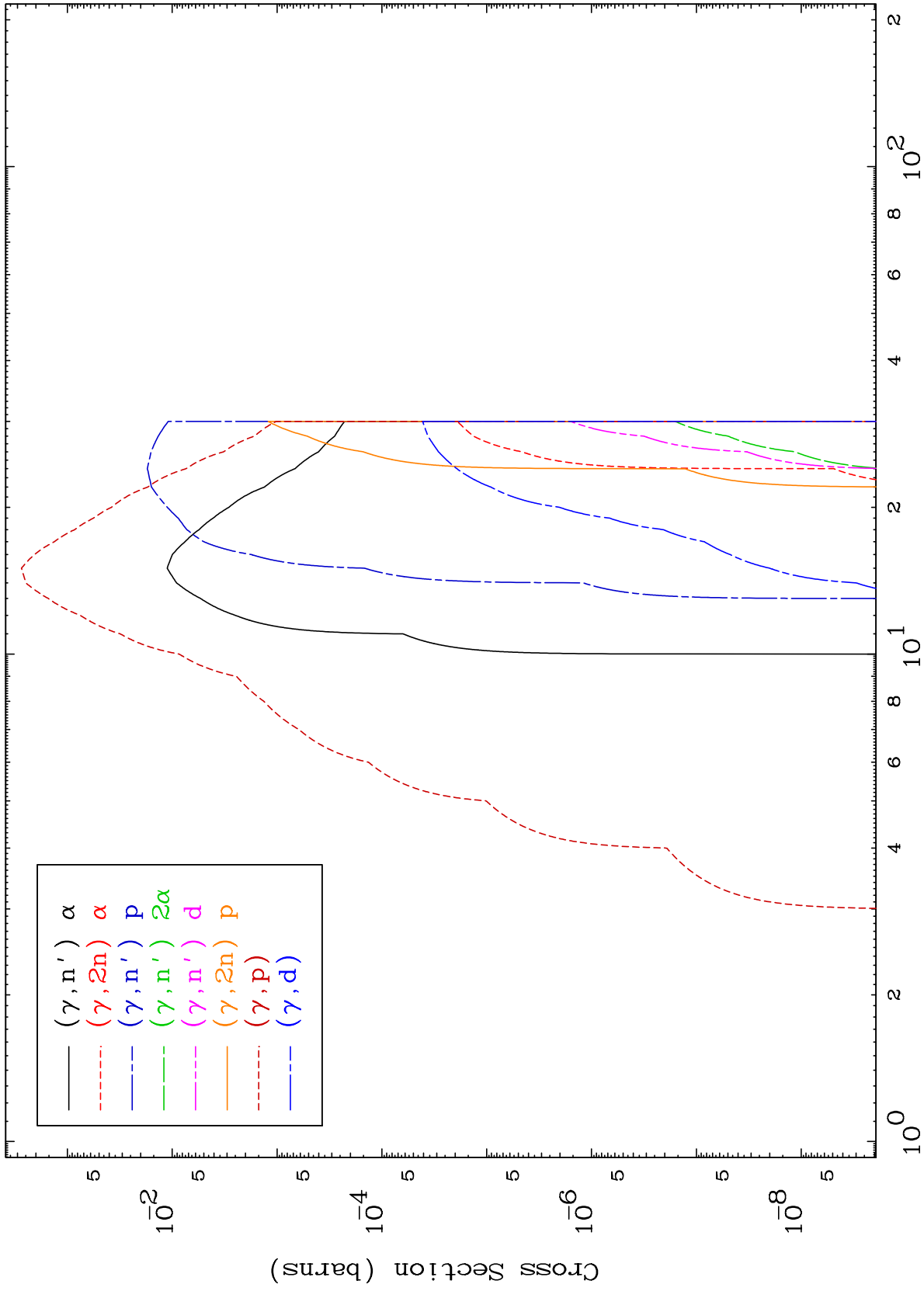
MAT 7072

Photon Neutron Production  
0 Kelvin Cross Sections

71-Lu-157



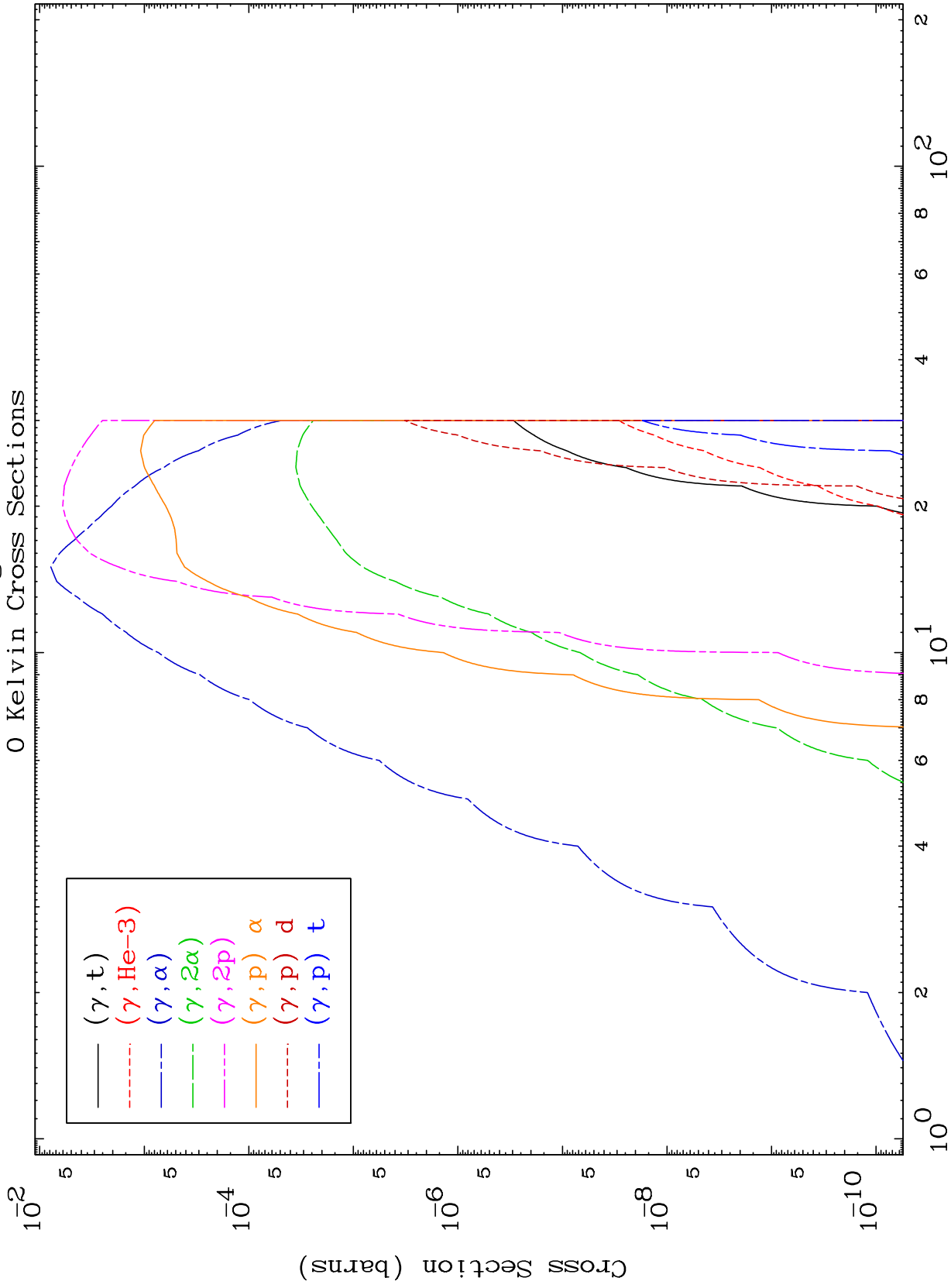
71-Lu-157



MAT 7072

Photon Charged Particle  
0 Kelvin Cross Sections

71-Lu-157



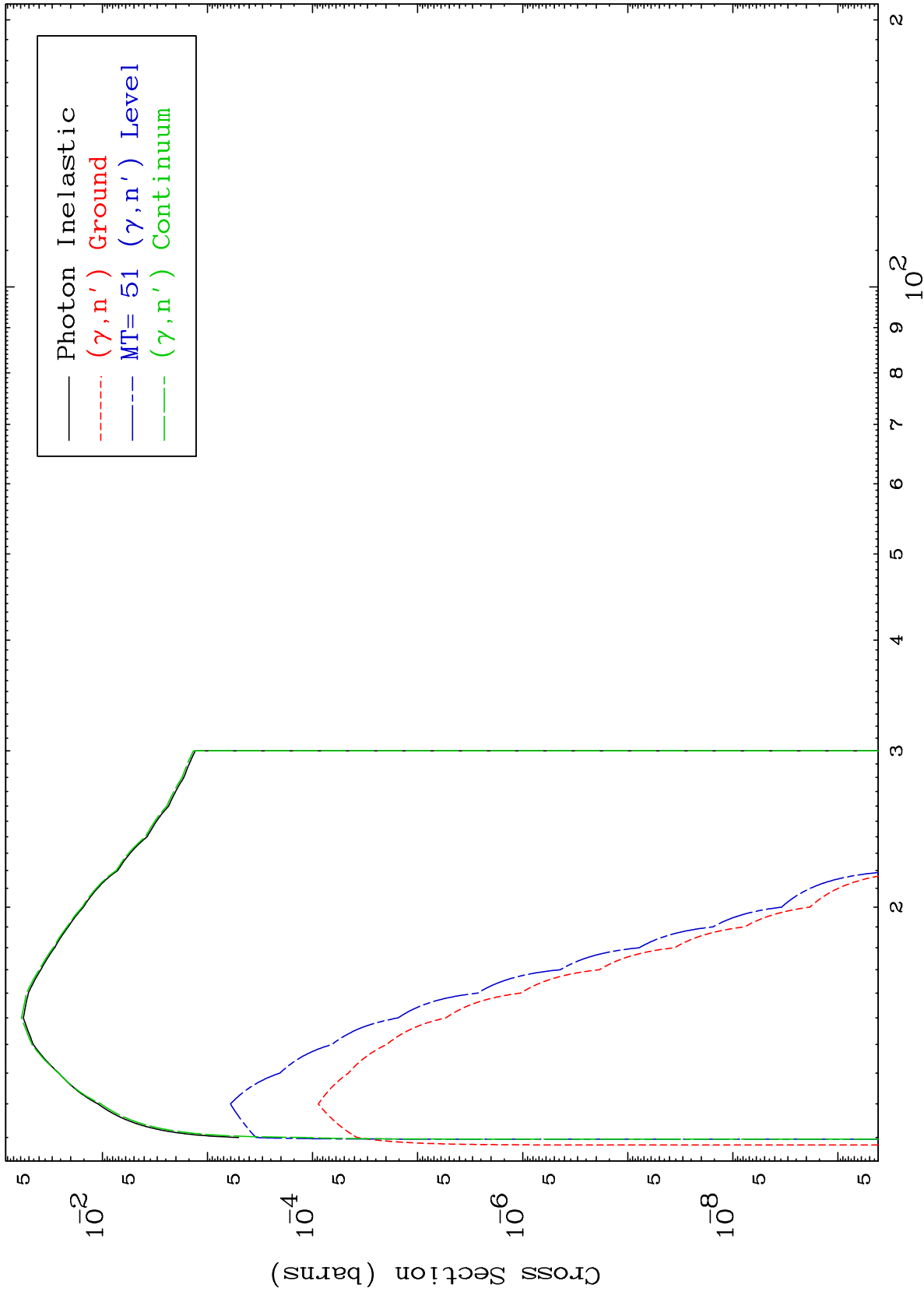
Incident Energy (MeV)

71-Lu-157

MAT 7072

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

71-Lu-157



5

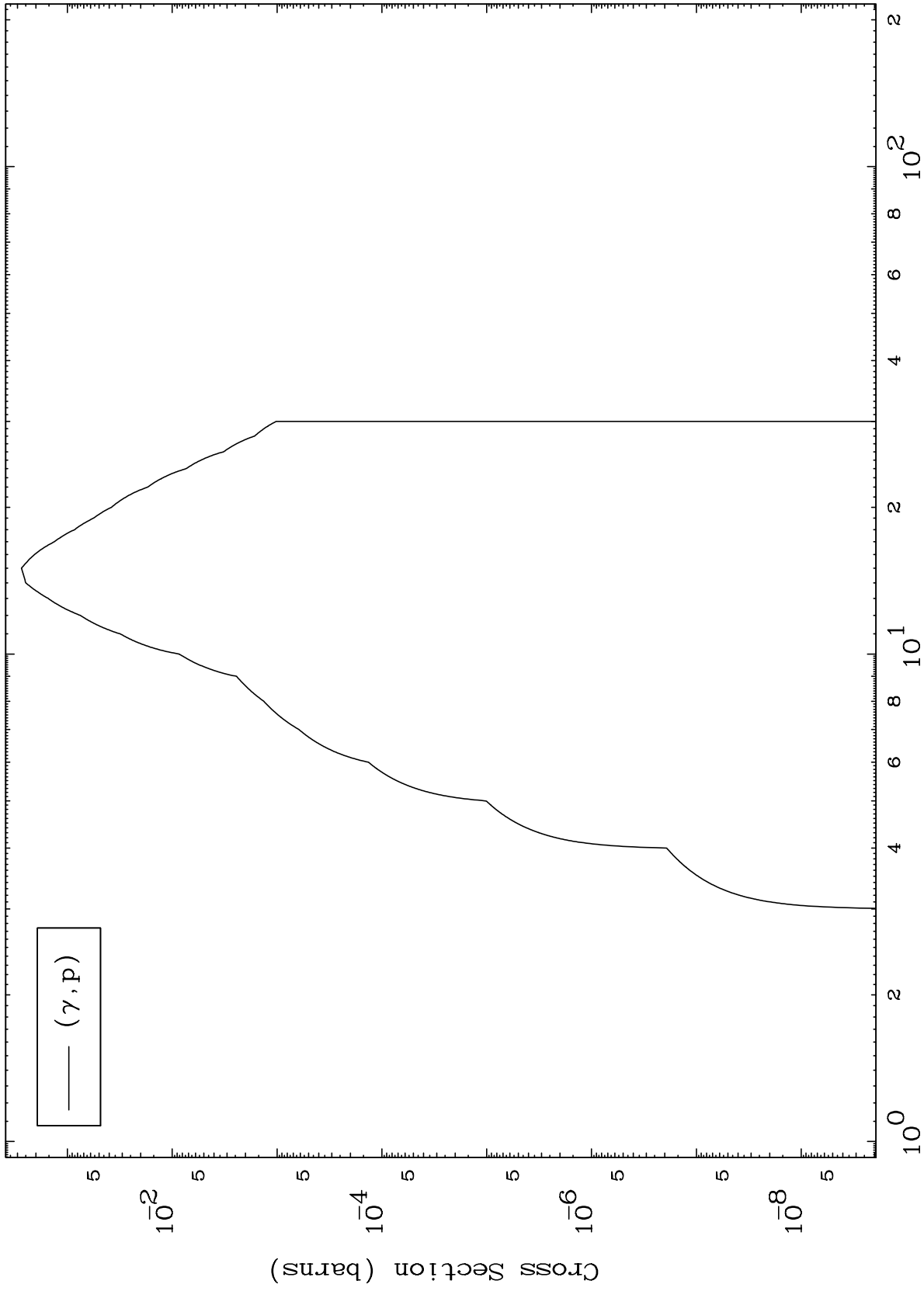
Incident Energy (MeV)

71-Lu-157

MAT 7072

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

71-Lu-157



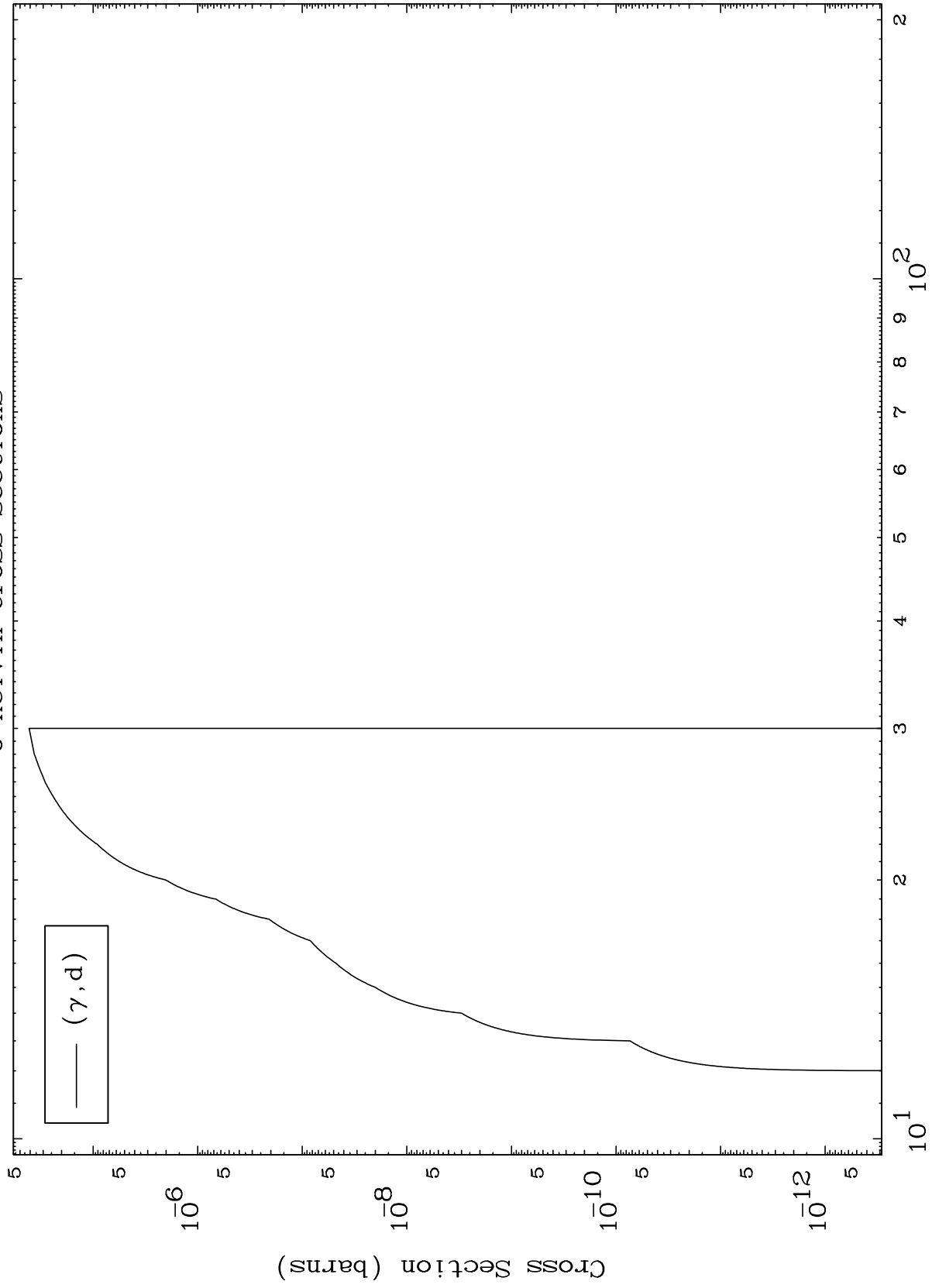
Incident Energy (MeV)

71-Lu-157

MAT 7072

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

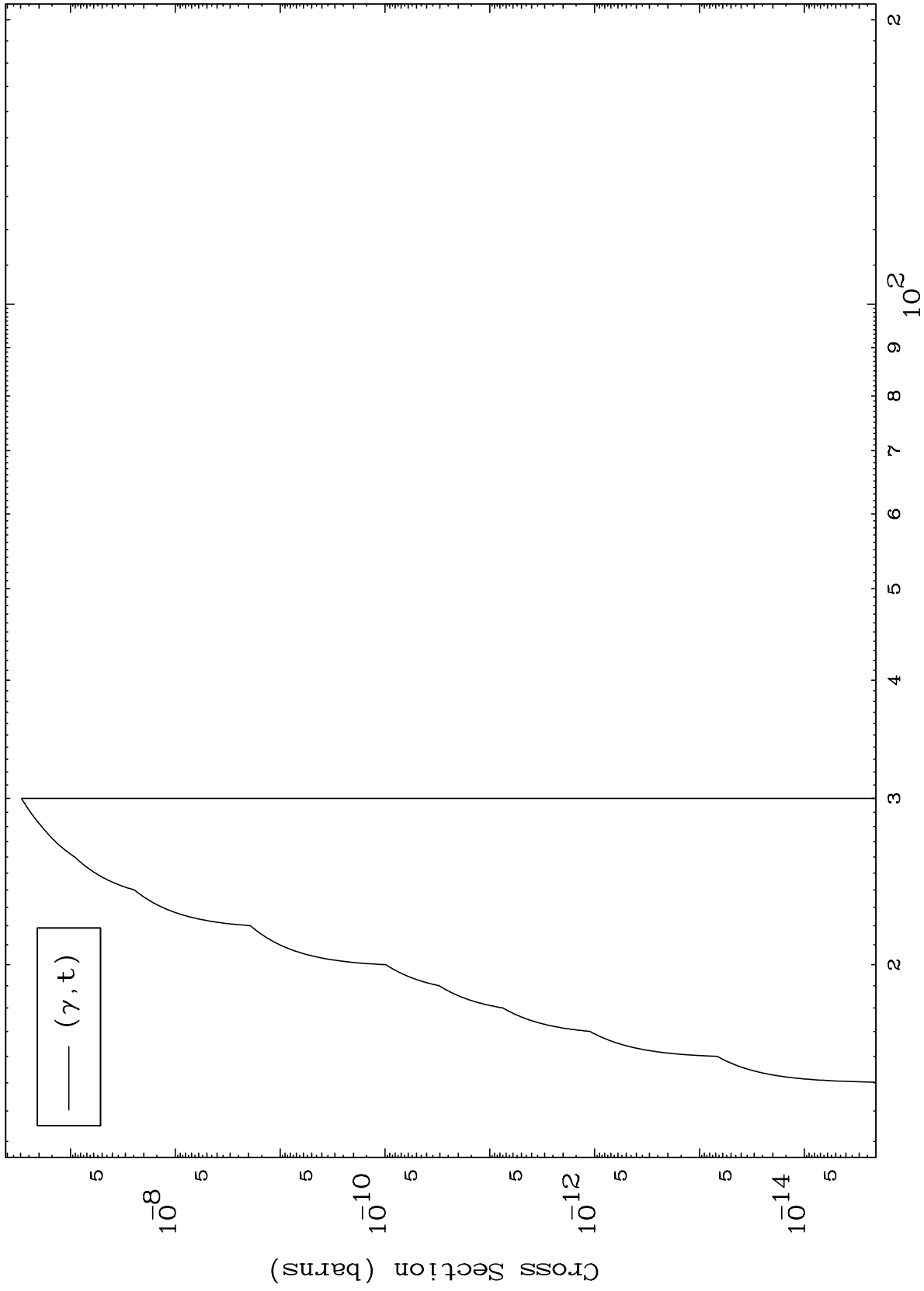
71-Lu-157

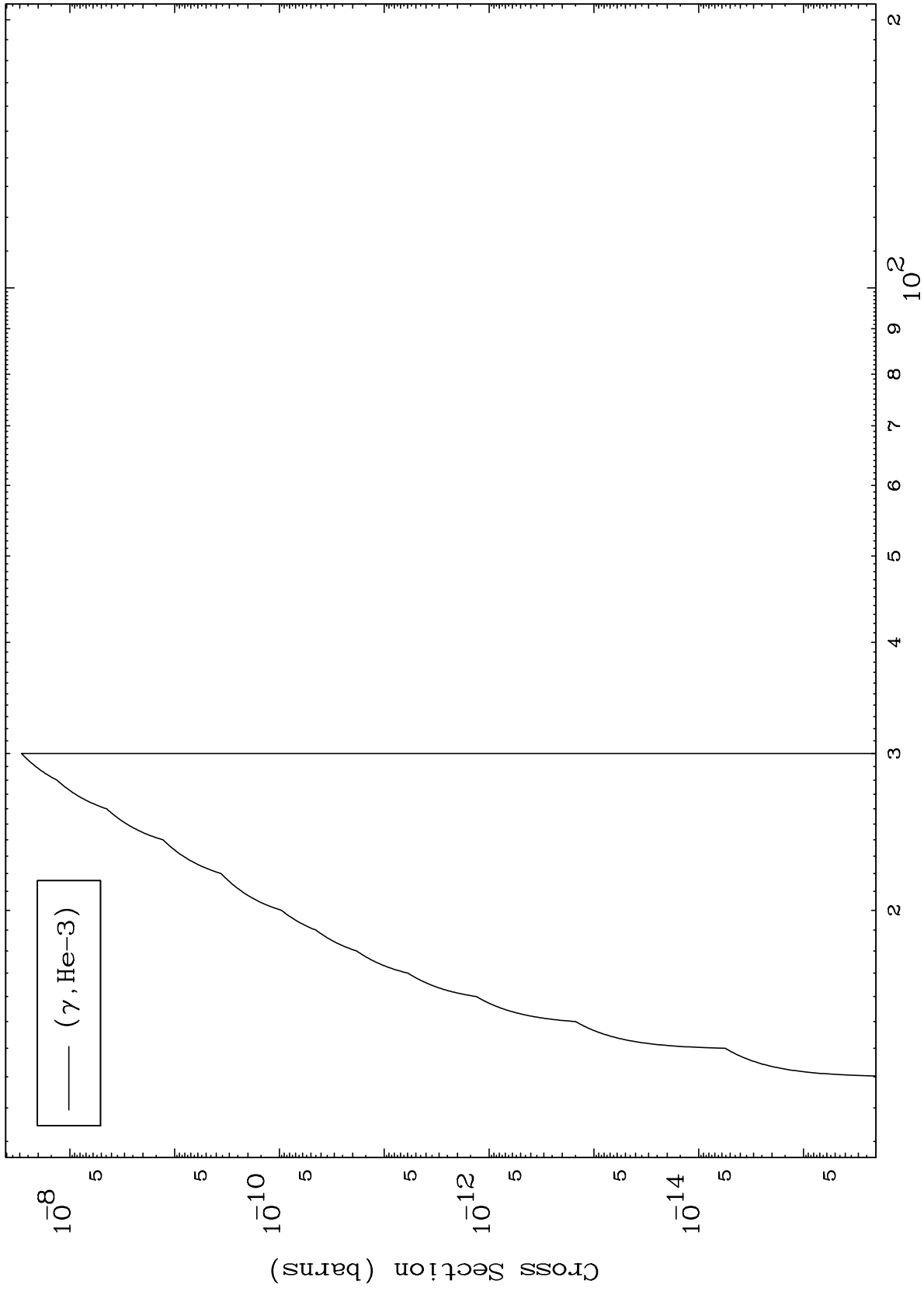


Incident Energy (MeV)

71-Lu-157



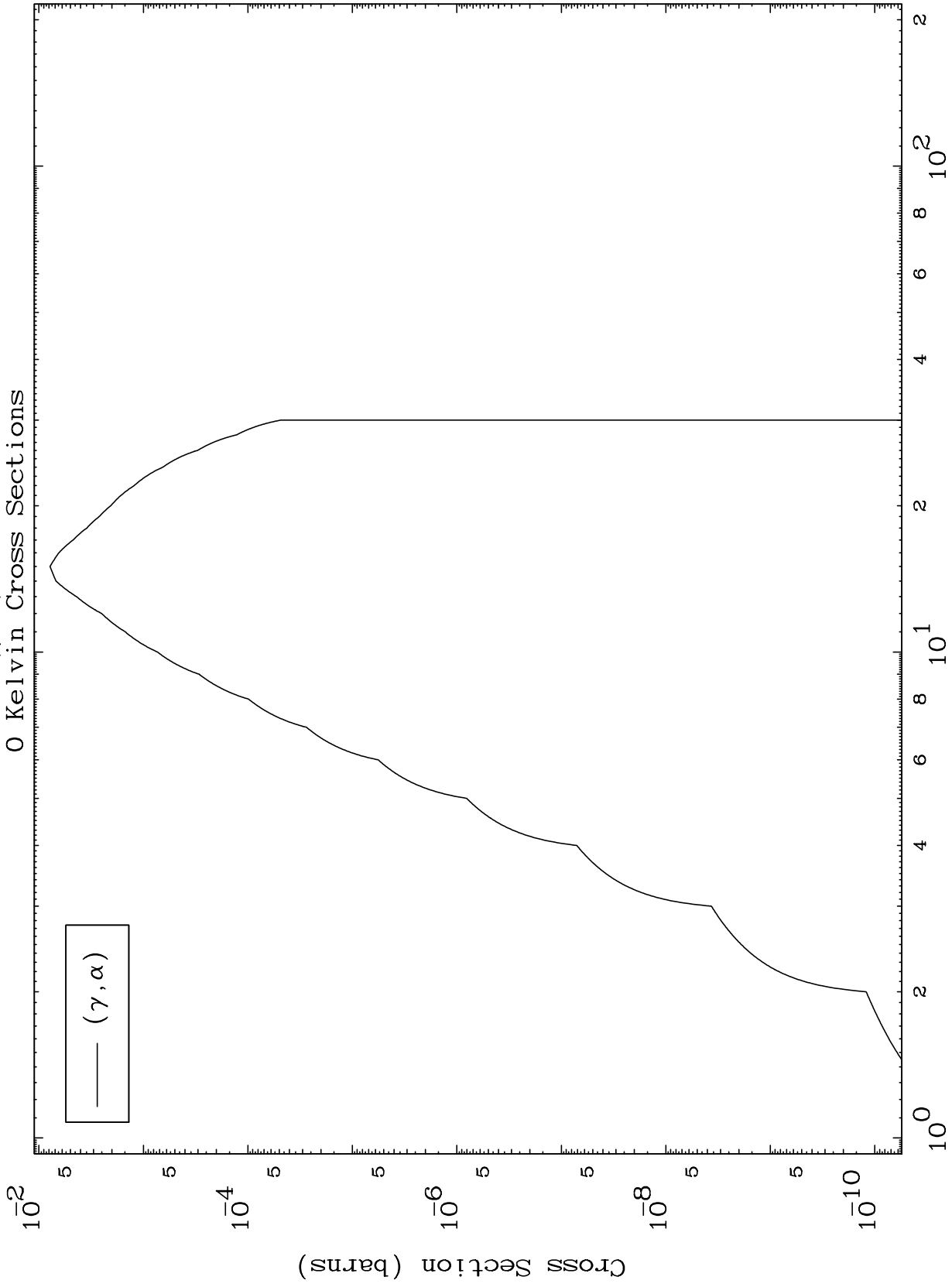




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( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

71-Lu-157



Incident Energy (MeV)

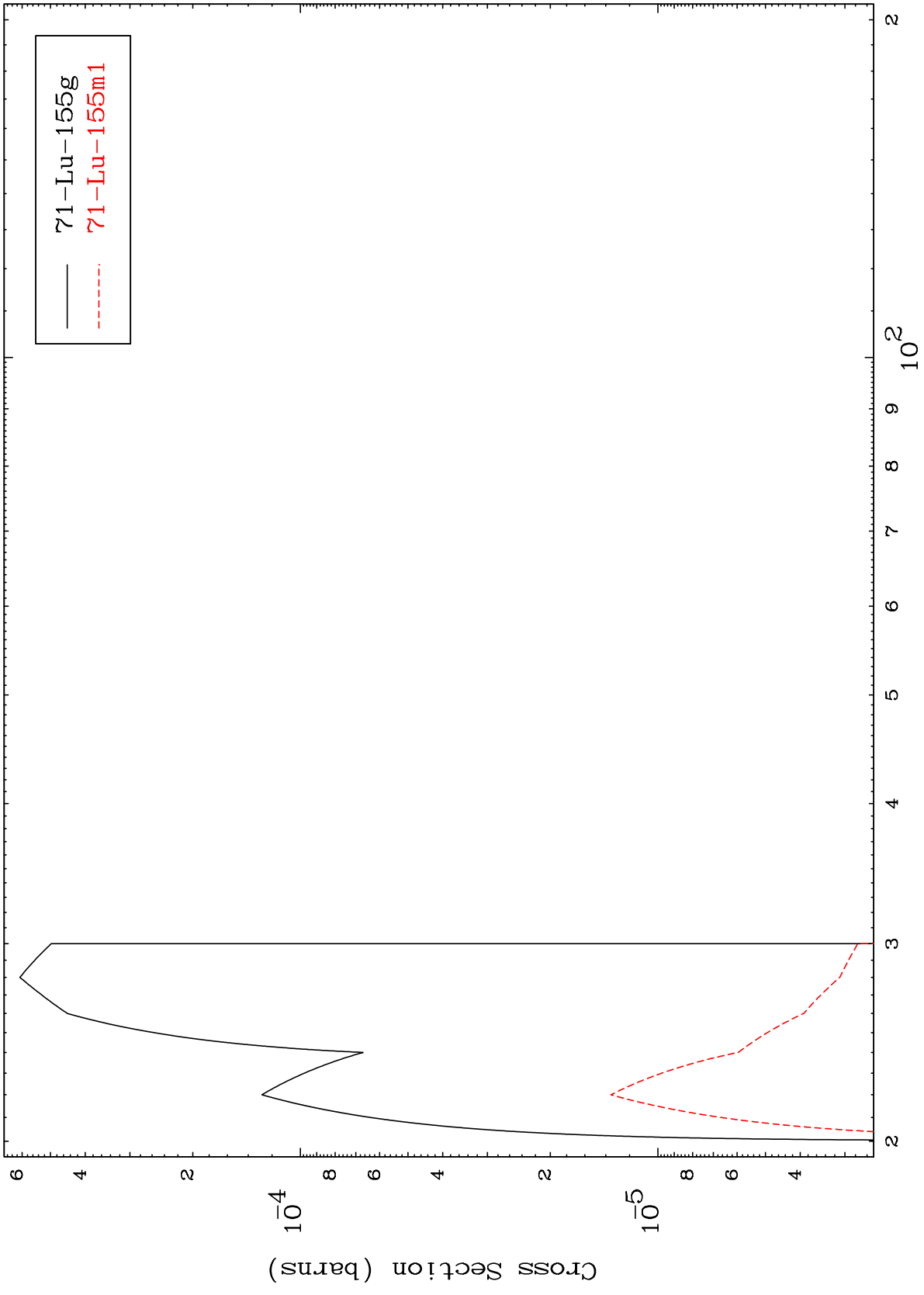
71-Lu-157

MAT 7072

( $\gamma, 2n$ )

<sup>71</sup>Lu-157

Radionuclide Production Cross Section



11

Incident Energy (MeV)

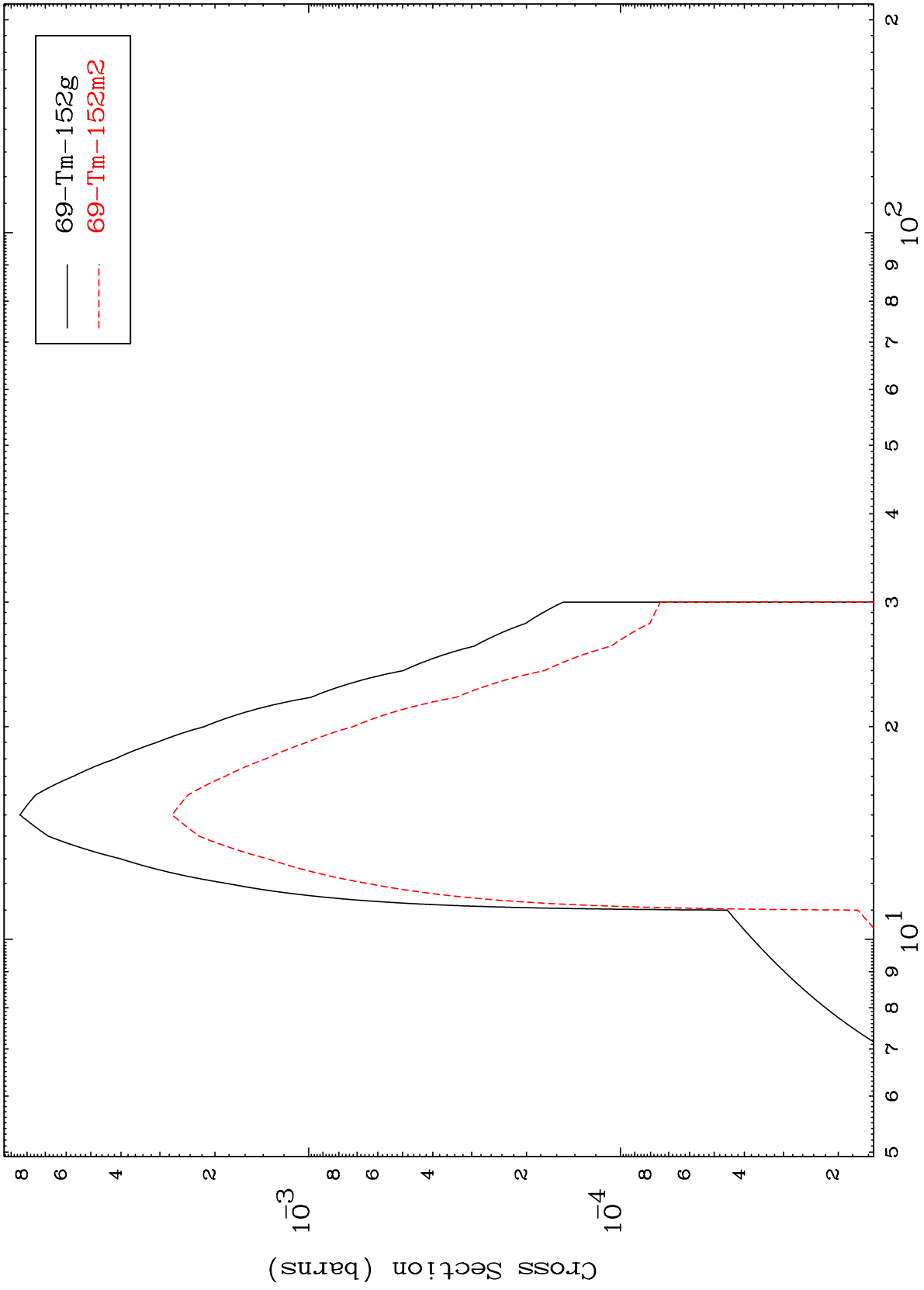
<sup>71</sup>Lu-157

MAT 7072

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

71-Lu-157

Radionuclide Production Cross Section



12

Incident Energy (MeV)

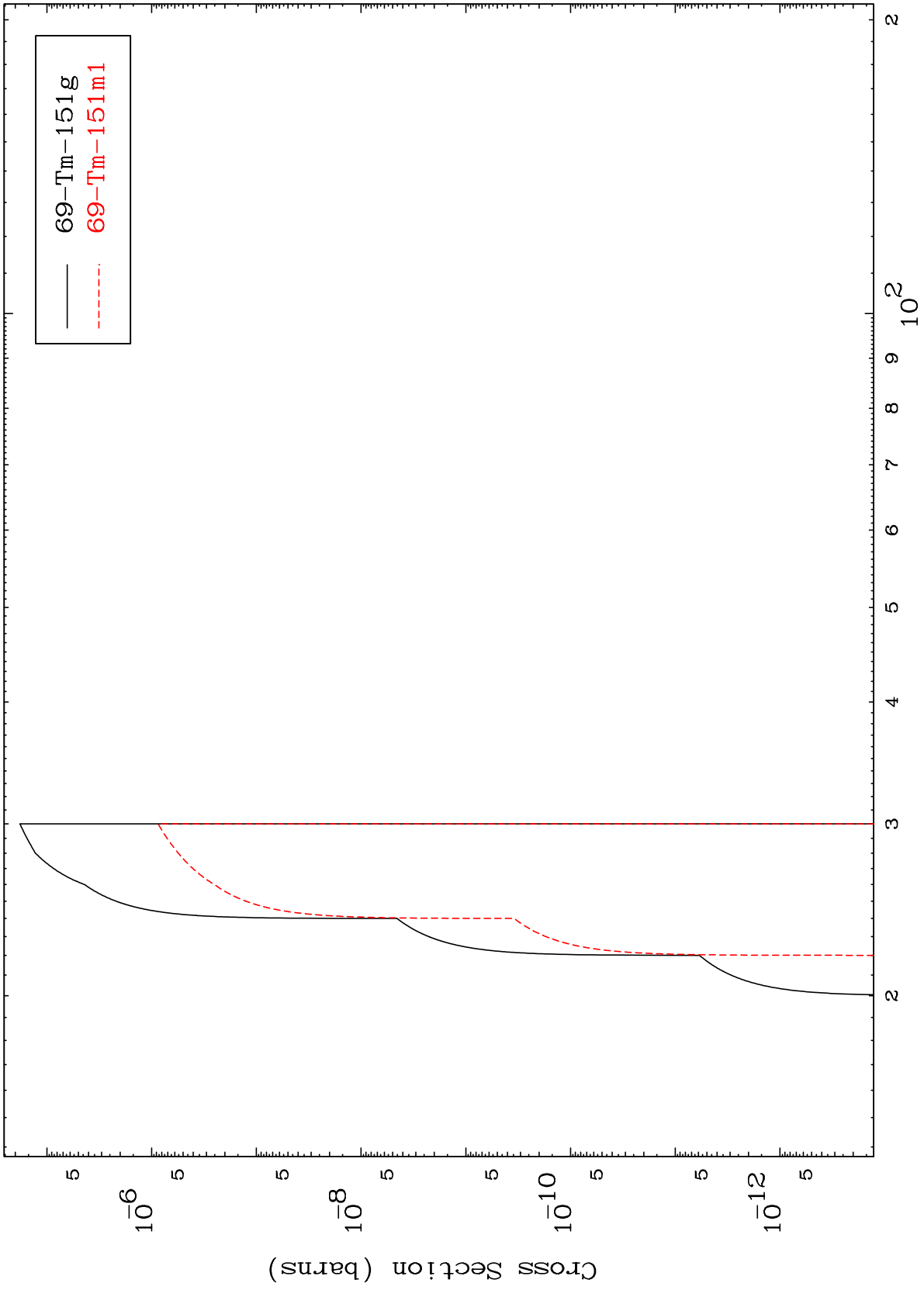
71-Lu-157

MAT 7072

$(\gamma, 2n) \alpha$

<sup>71</sup>Lu-157

Radionuclide Production Cross Section



13

Incident Energy (MeV)

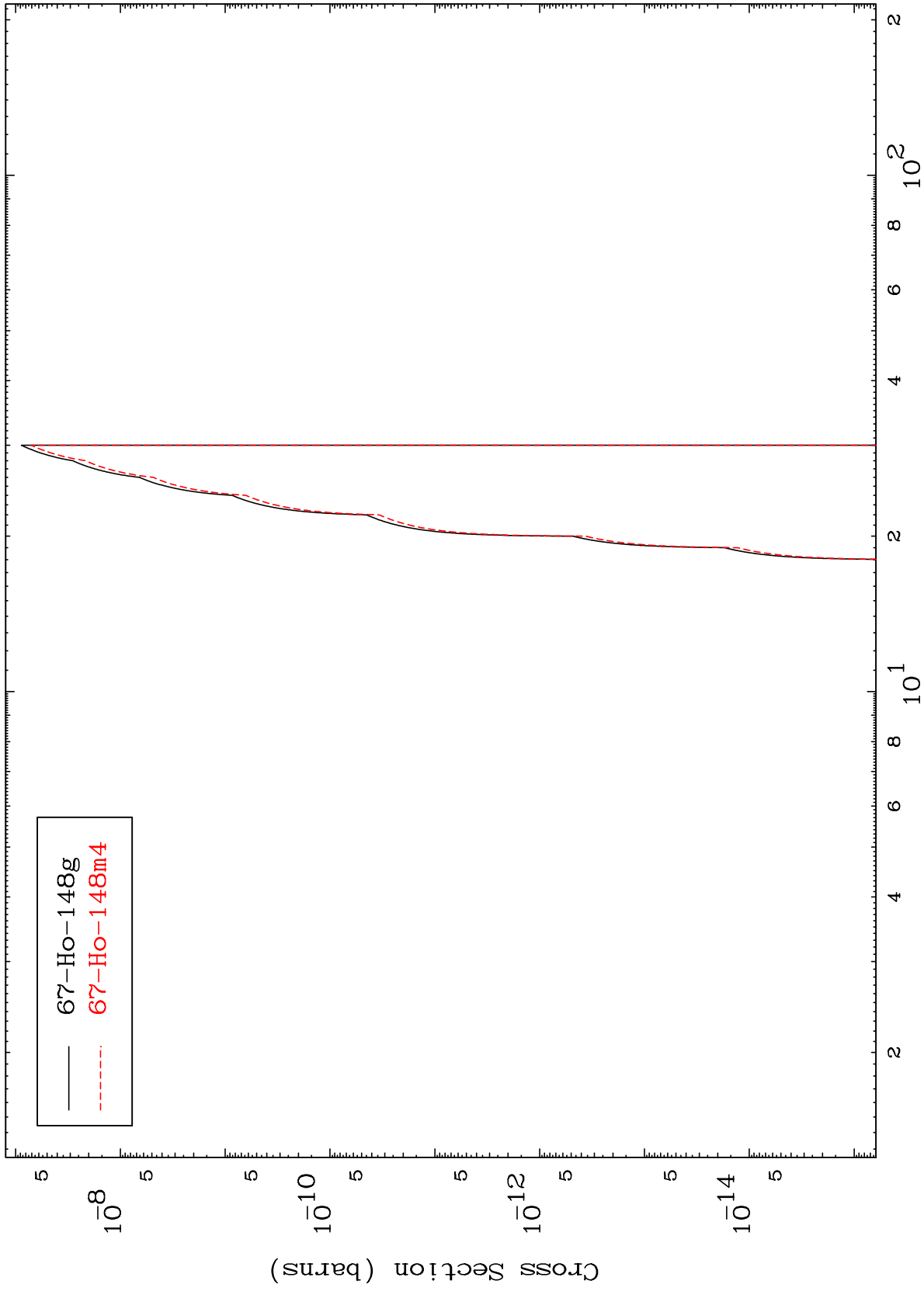
<sup>71</sup>Lu-157

MAT 7072

$(\gamma, n')$   $2\alpha$

$^{71}\text{Lu-157}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

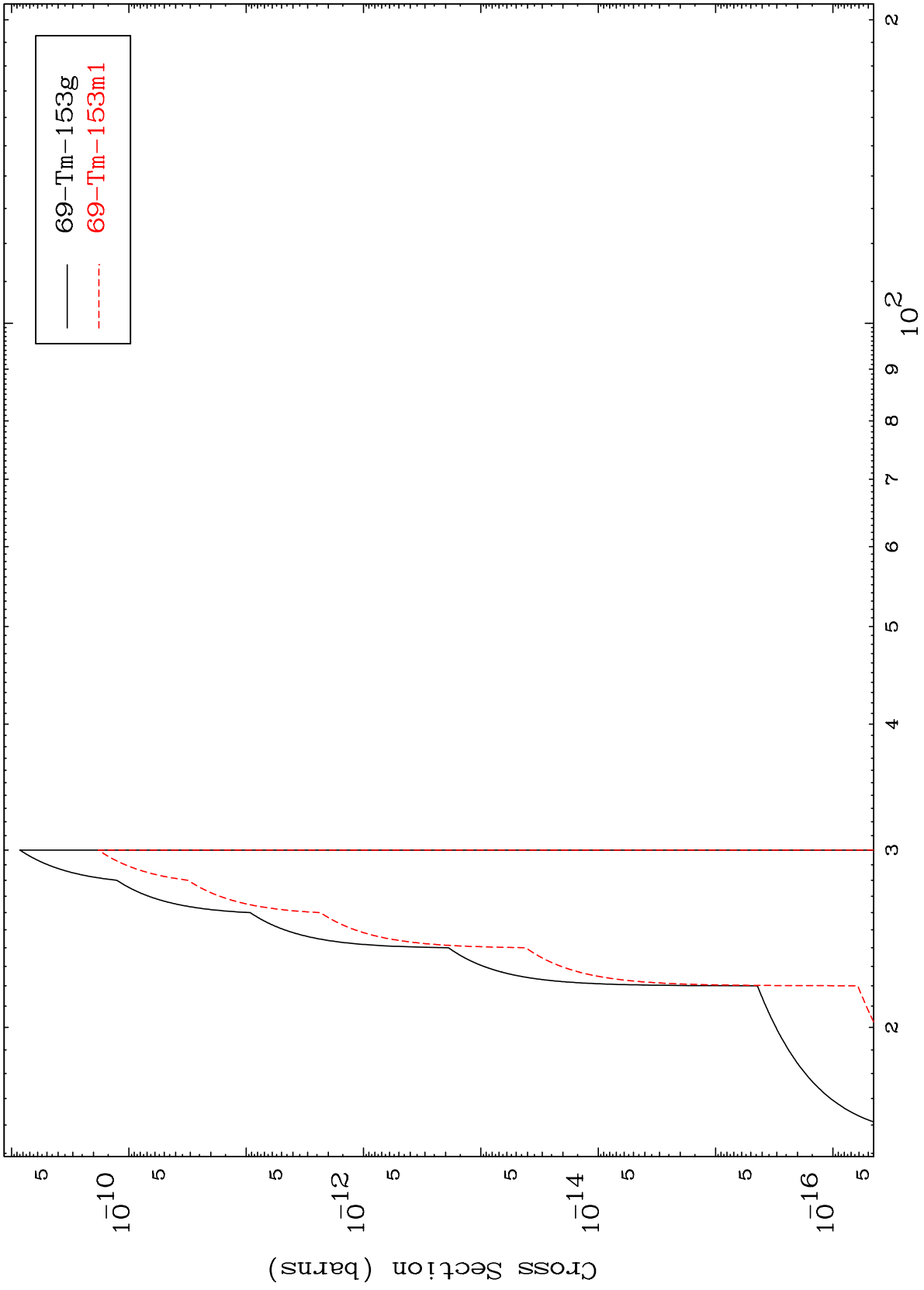
$^{71}\text{Lu-157}$

MAT 7072

( $\gamma, n'$ ) He-3

71-Lu-157

Radionuclide Production Cross Section



15

Incident Energy (MeV)

71-Lu-157

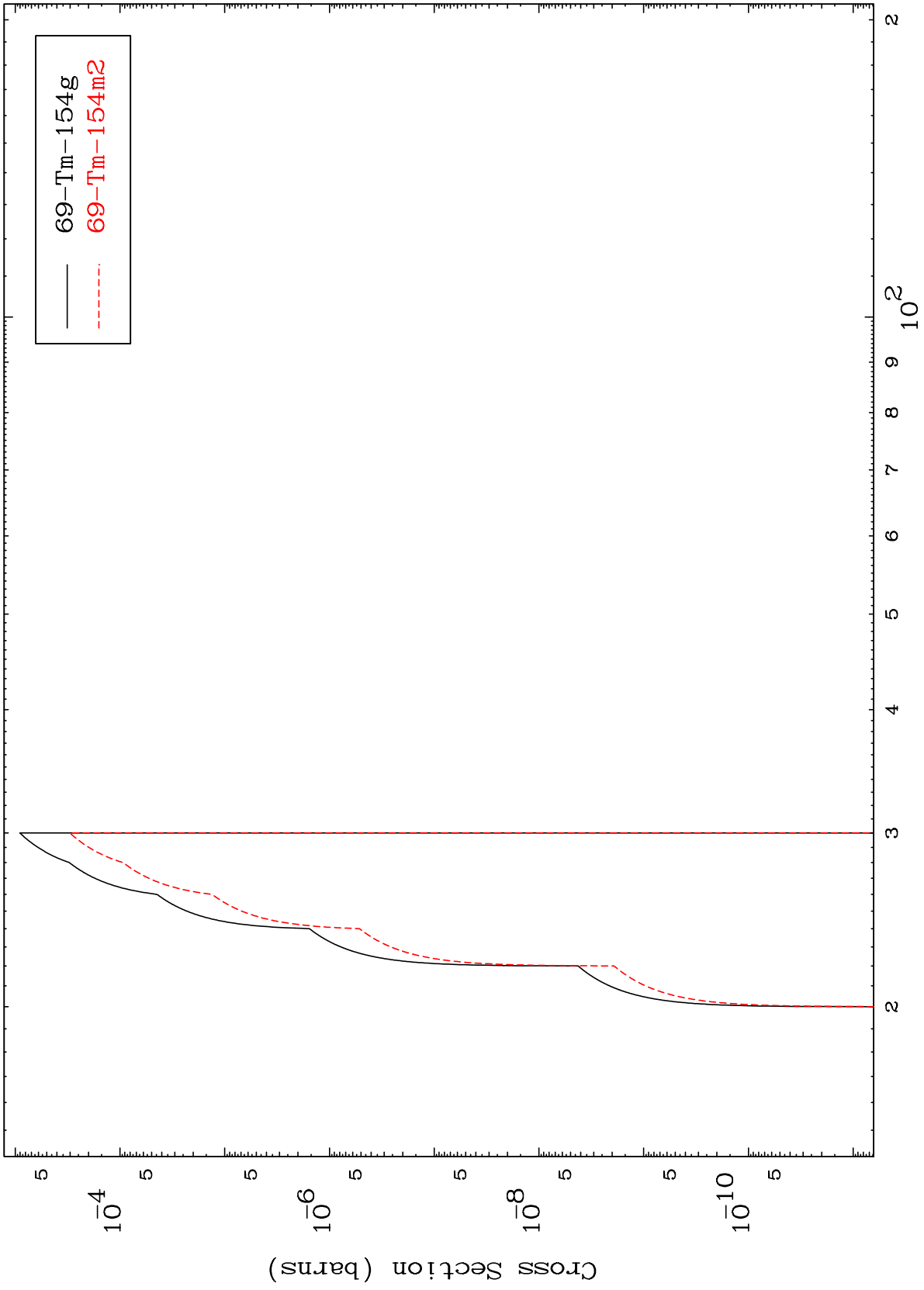


MAT 7072

( $\gamma, 2n$ ) p

71-Lu-157

Radionuclide Production Cross Section



16

Incident Energy (MeV)

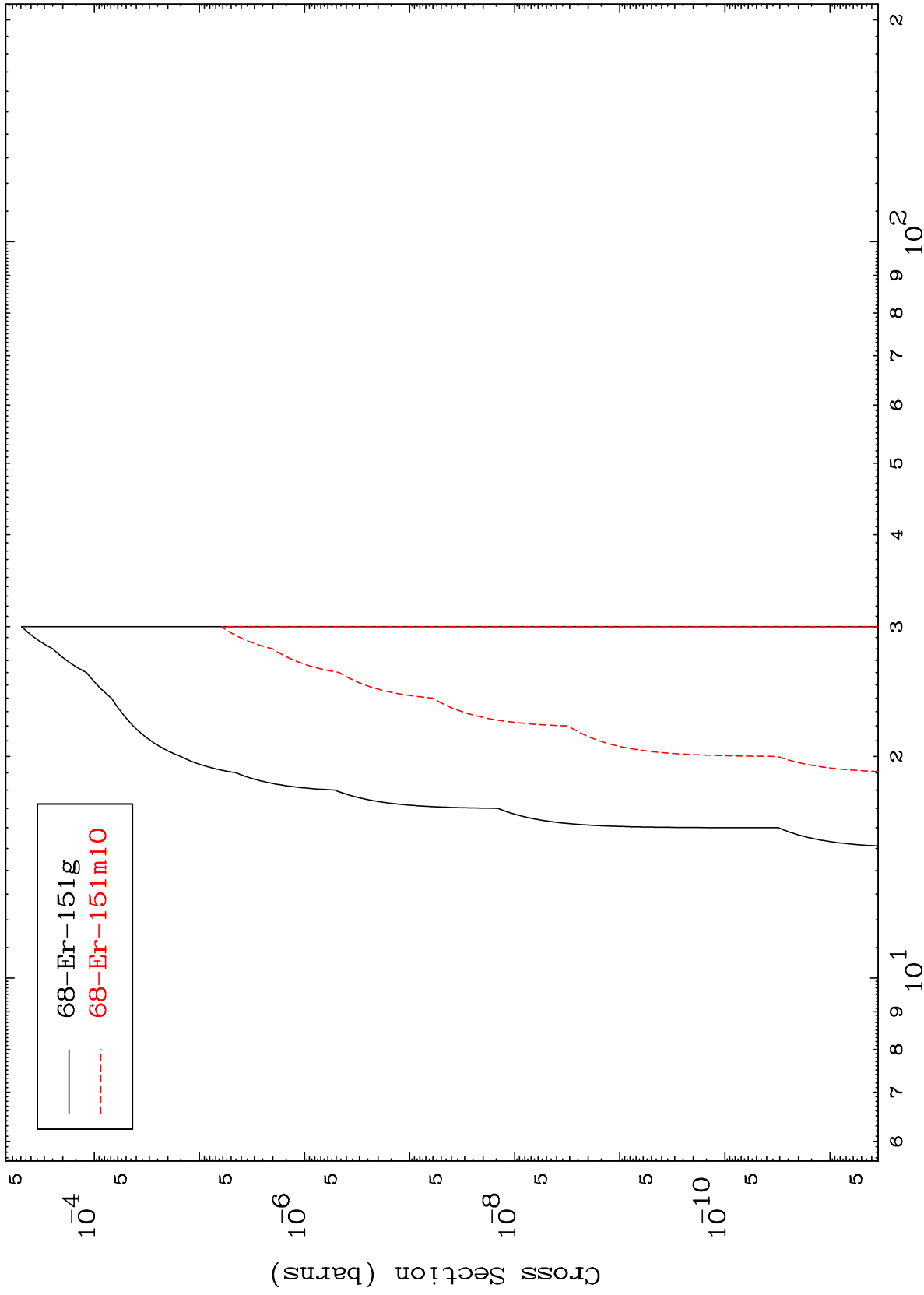
71-Lu-157

MAT 7072

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

71-Lu-157

Radionuclide Production Cross Section



17

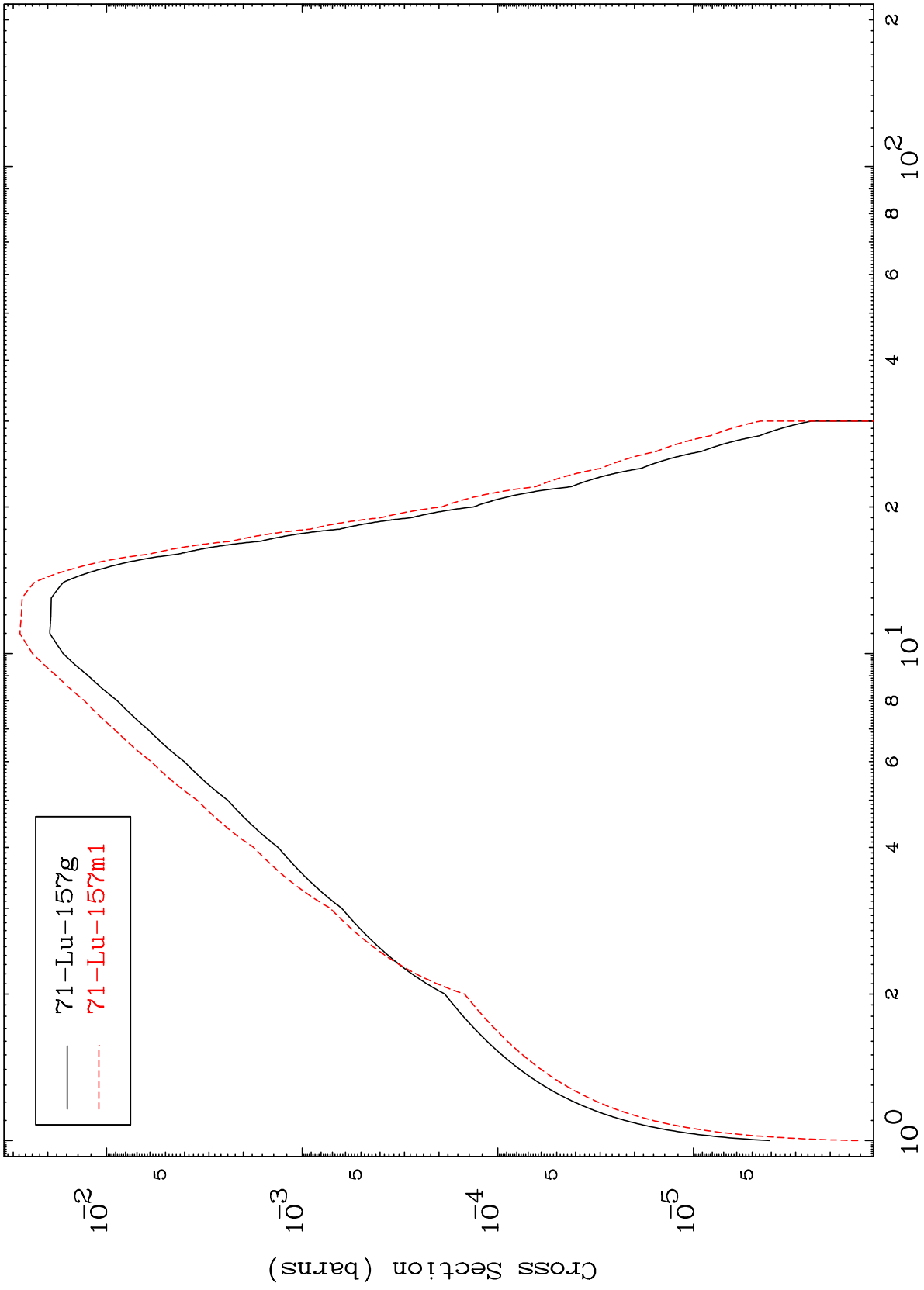
Incident Energy (MeV)

71-Lu-157

MAT 7072

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

<sup>71</sup>Lu-157



— <sup>71</sup>Lu-157g  
- - - <sup>71</sup>Lu-157m1

18

Incident Energy (MeV)

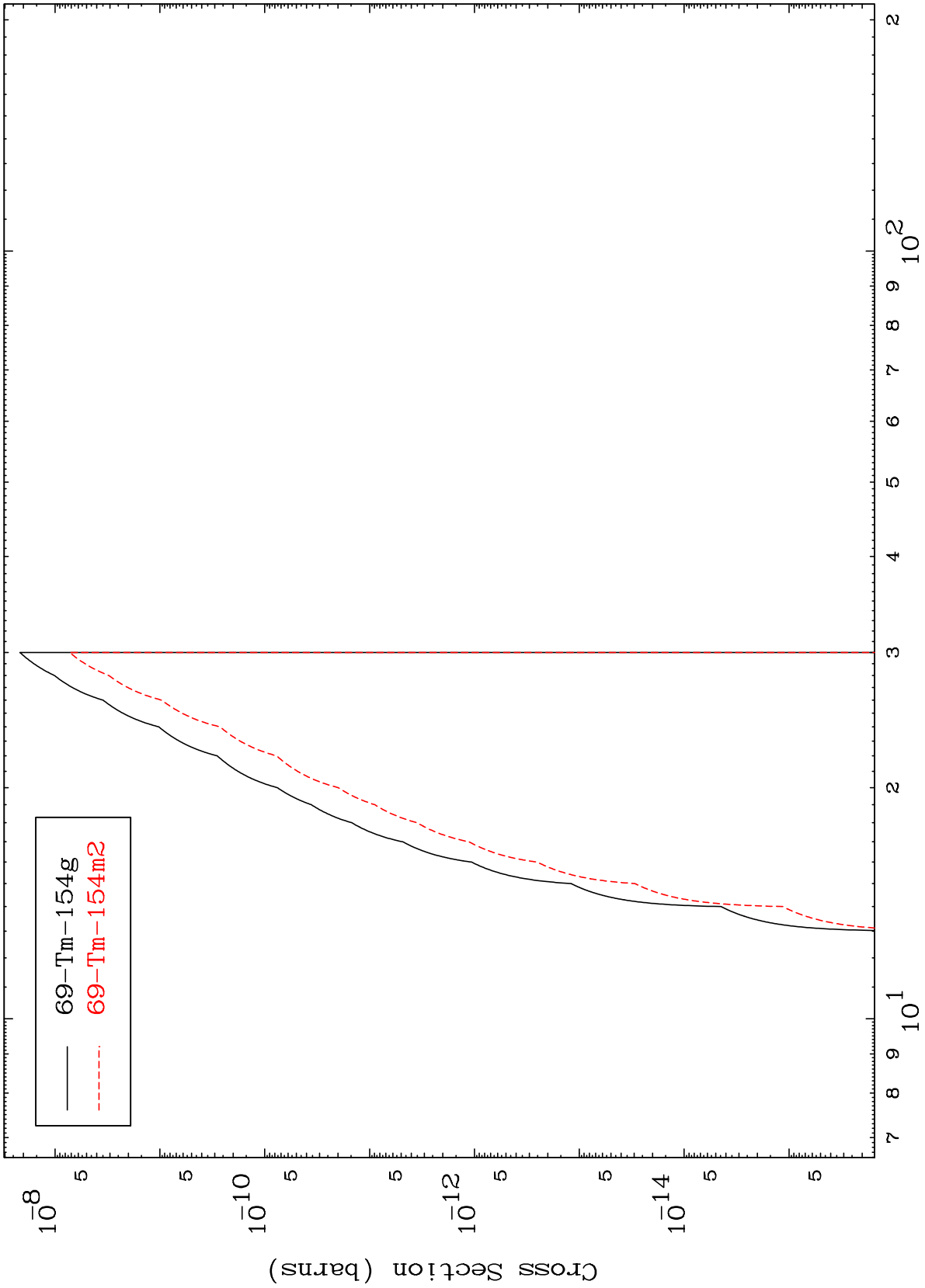
<sup>71</sup>Lu-157

MAT 7072

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

71-Lu-157

Radionuclide Production Cross Section



19

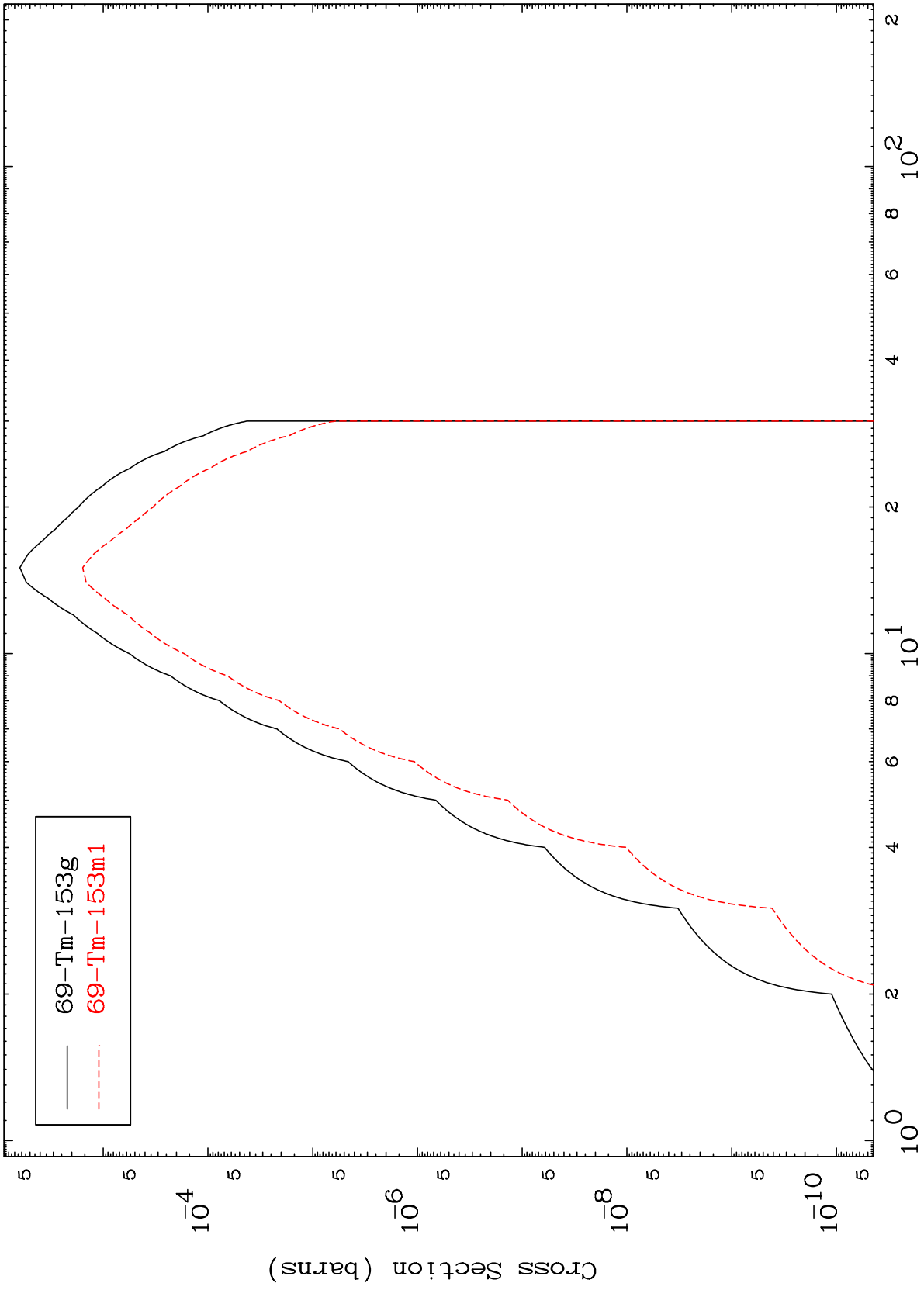
Incident Energy (MeV)

71-Lu-157

MAT 7072

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

71-Lu-157



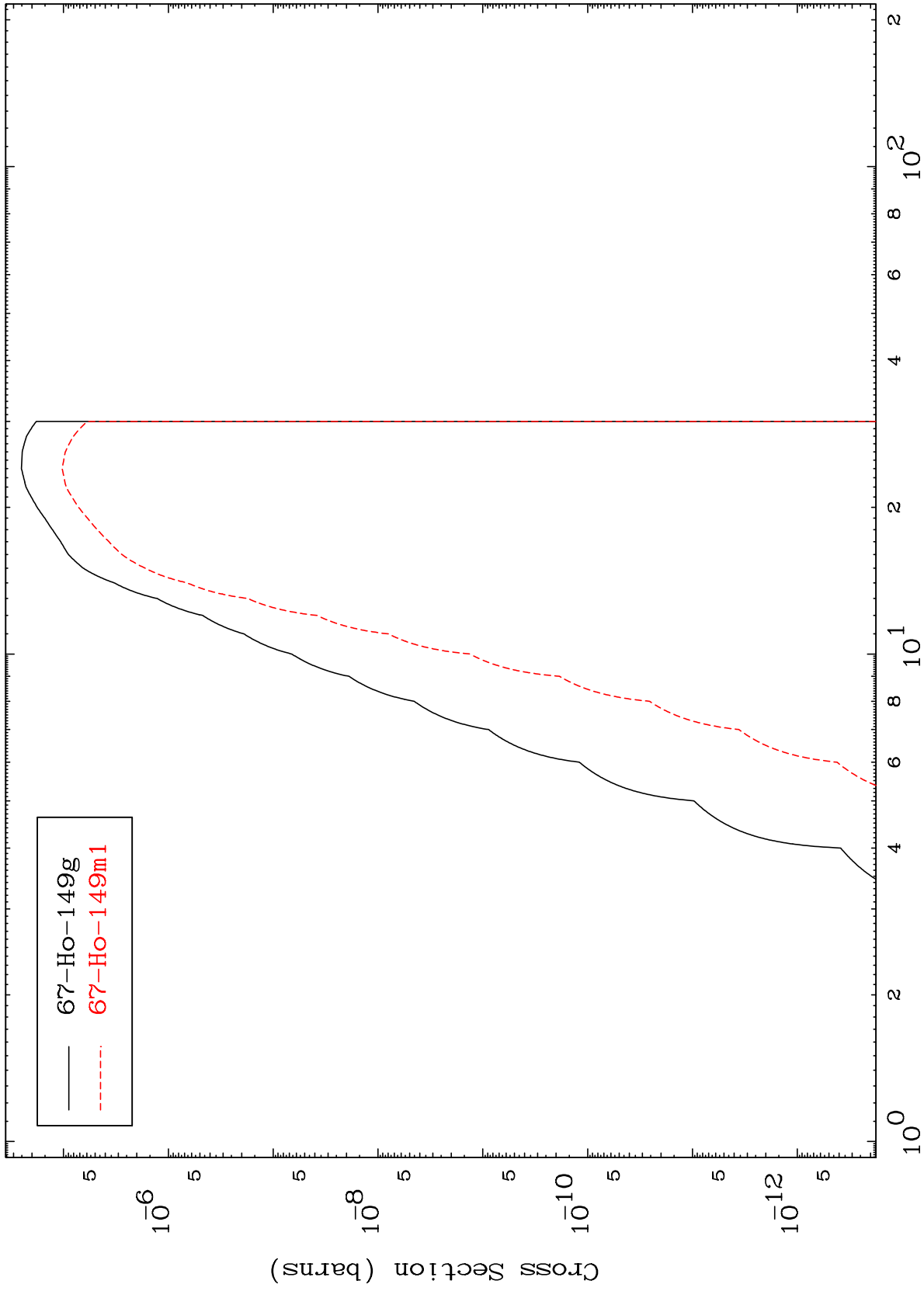
Incident Energy (MeV)

71-Lu-157

MAT 7072

71-Lu-157

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



21

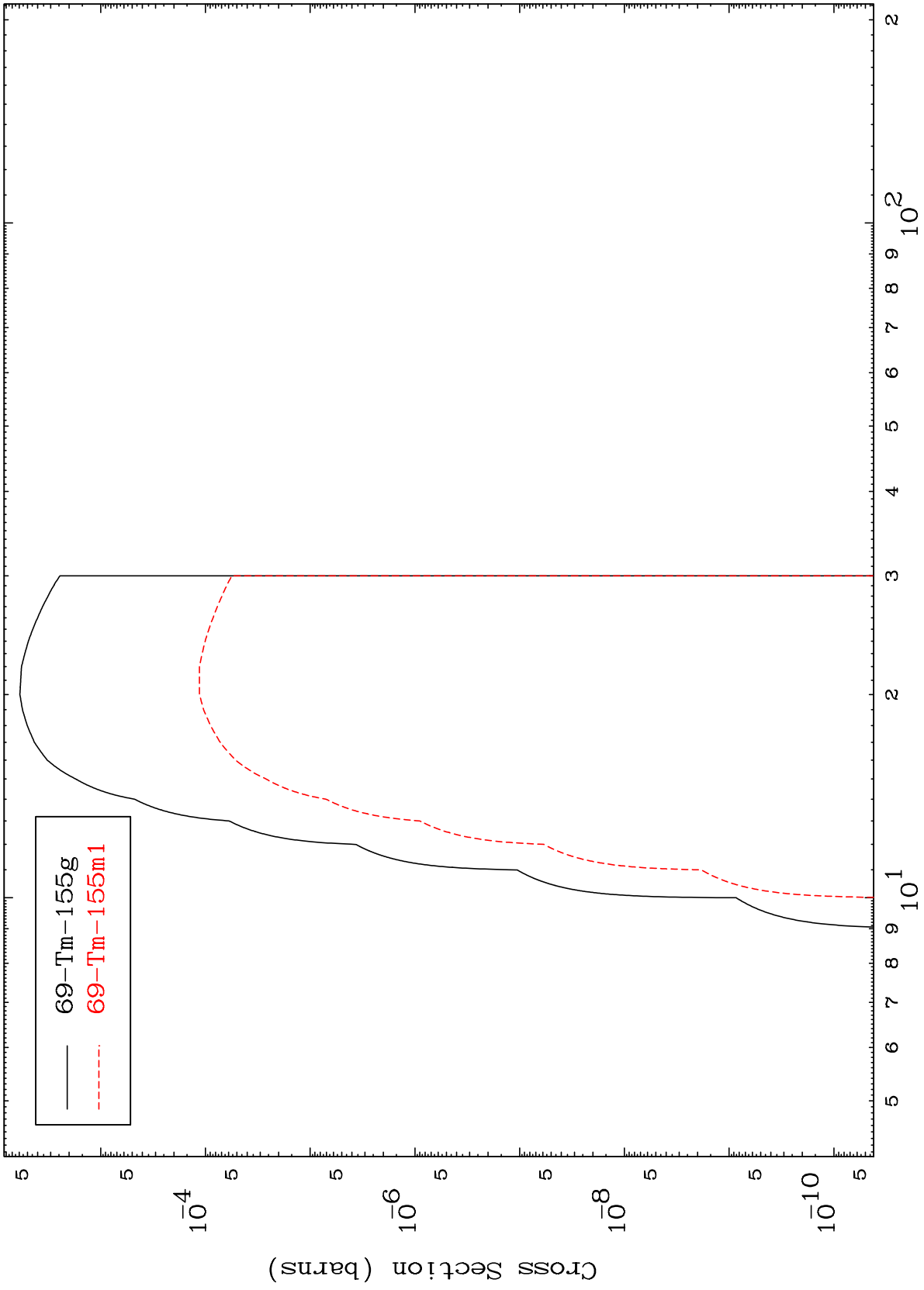
Incident Energy (MeV)

71-Lu-157

MAT 7072

71-Lu-157

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



22

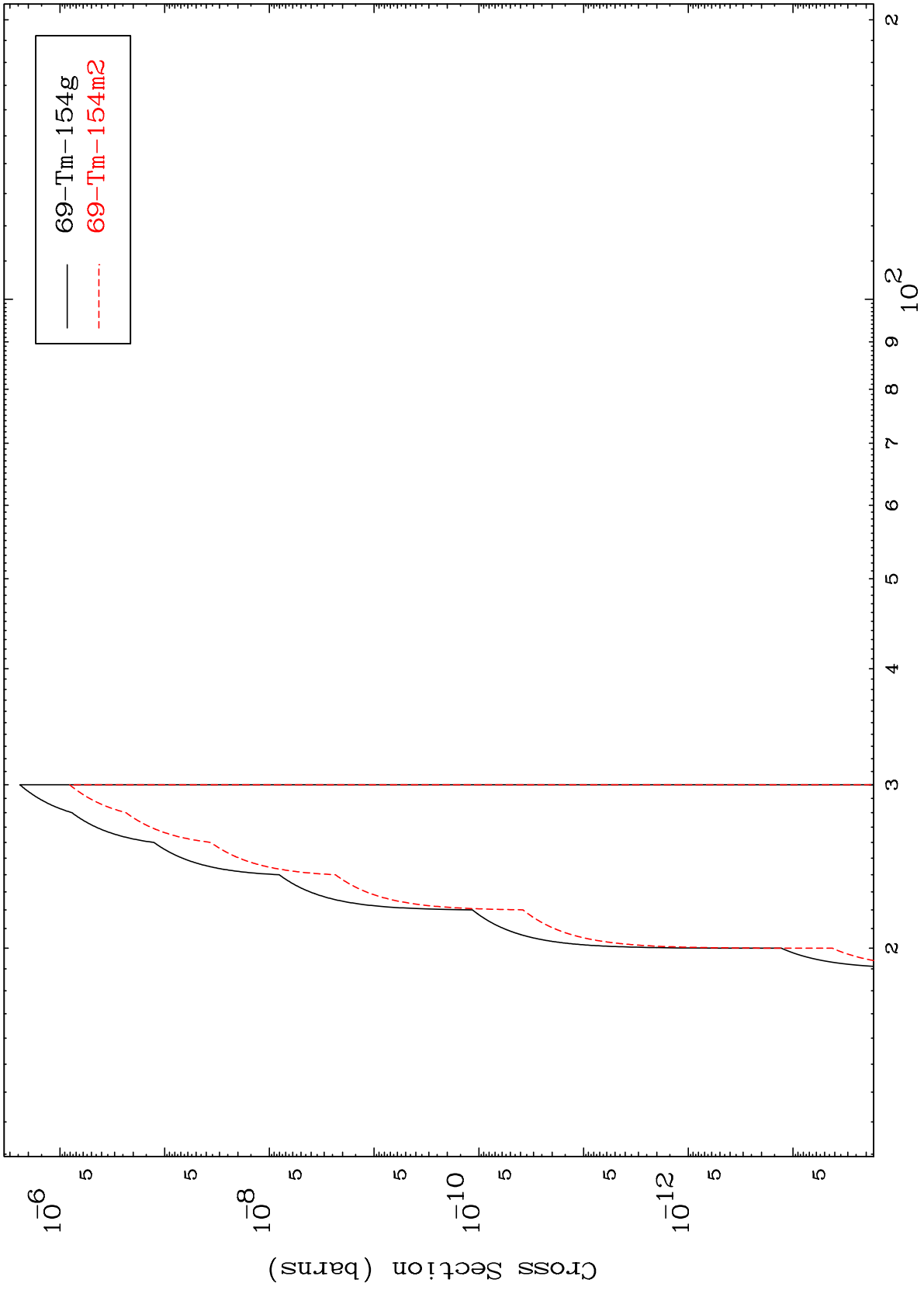
71-Lu-157

MAT 7072

( $\gamma, p$ ) d

71-Lu-157

Radionuclide Production Cross Section



23

Incident Energy (MeV)

71-Lu-157

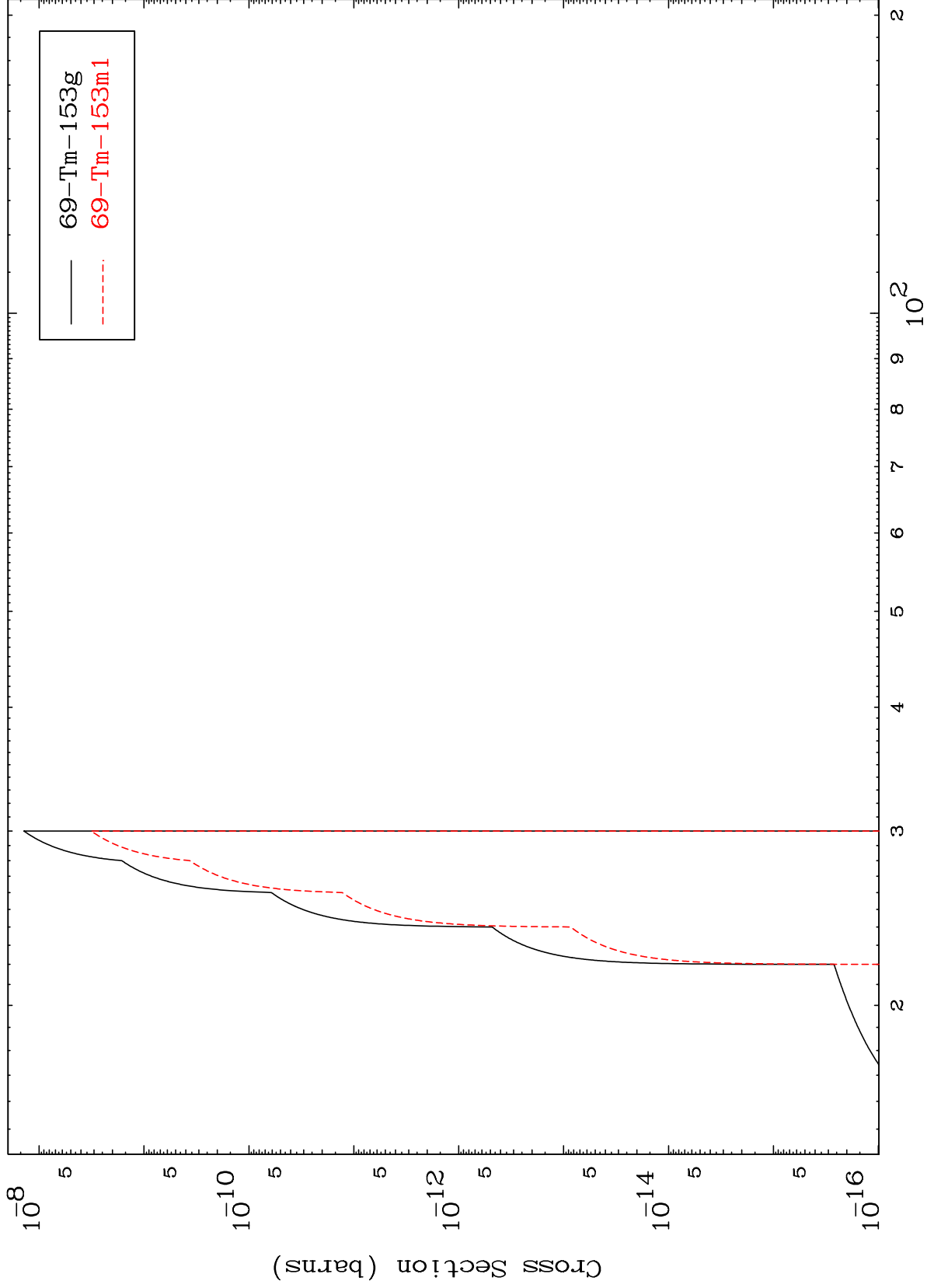


MAT 7072

( $\gamma, p$ ) t

71-Lu-157

Radionuclide Production Cross Section



24

Incident Energy (MeV)

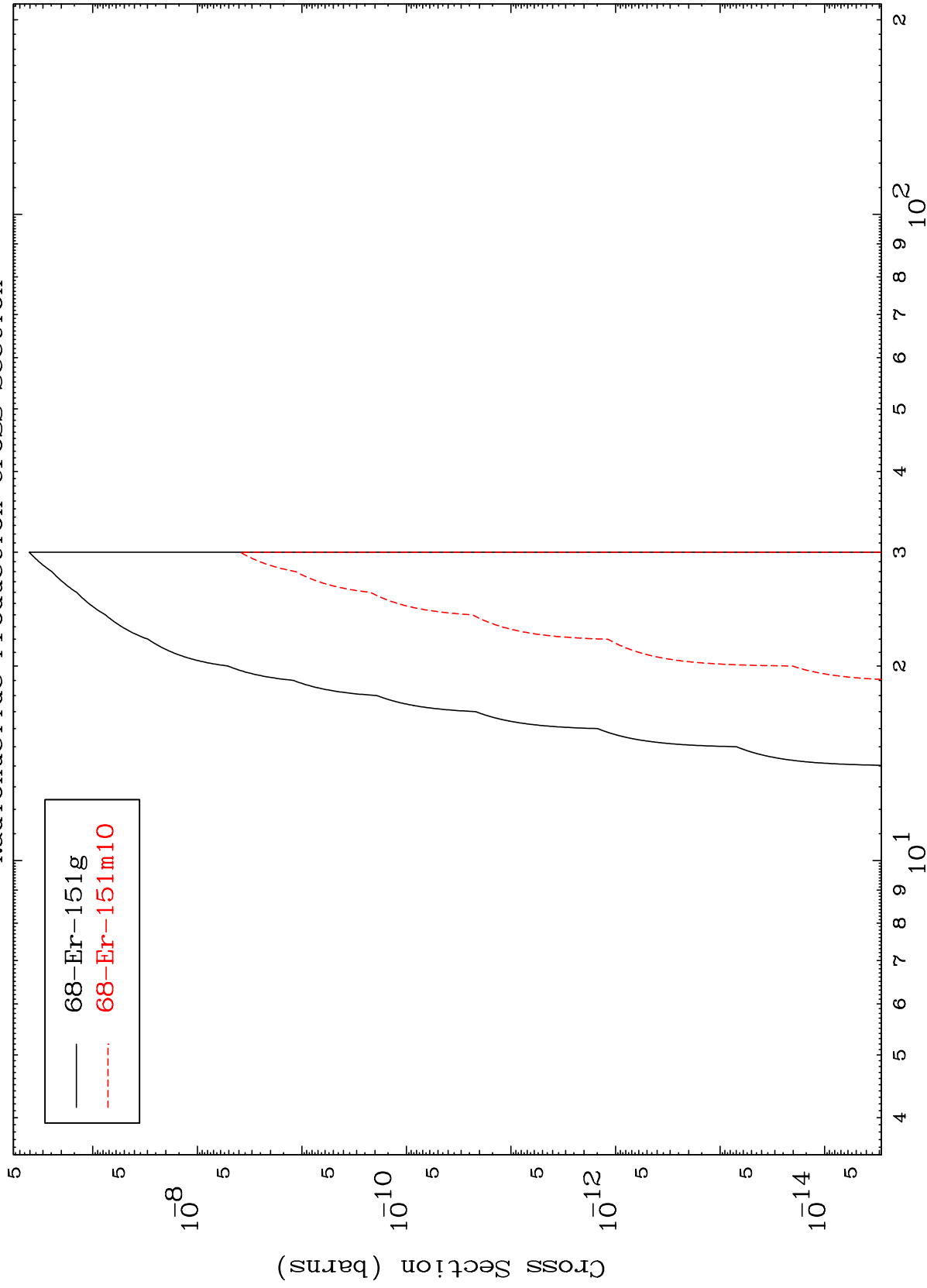
71-Lu-157

MAT 7072

( $\gamma, d$ )  $\alpha$

71-Lu-157

Radionuclide Production Cross Section



25

Incident Energy (MeV)

71-Lu-157