

Program EVALPLOT  
(Version 2018-1)

by

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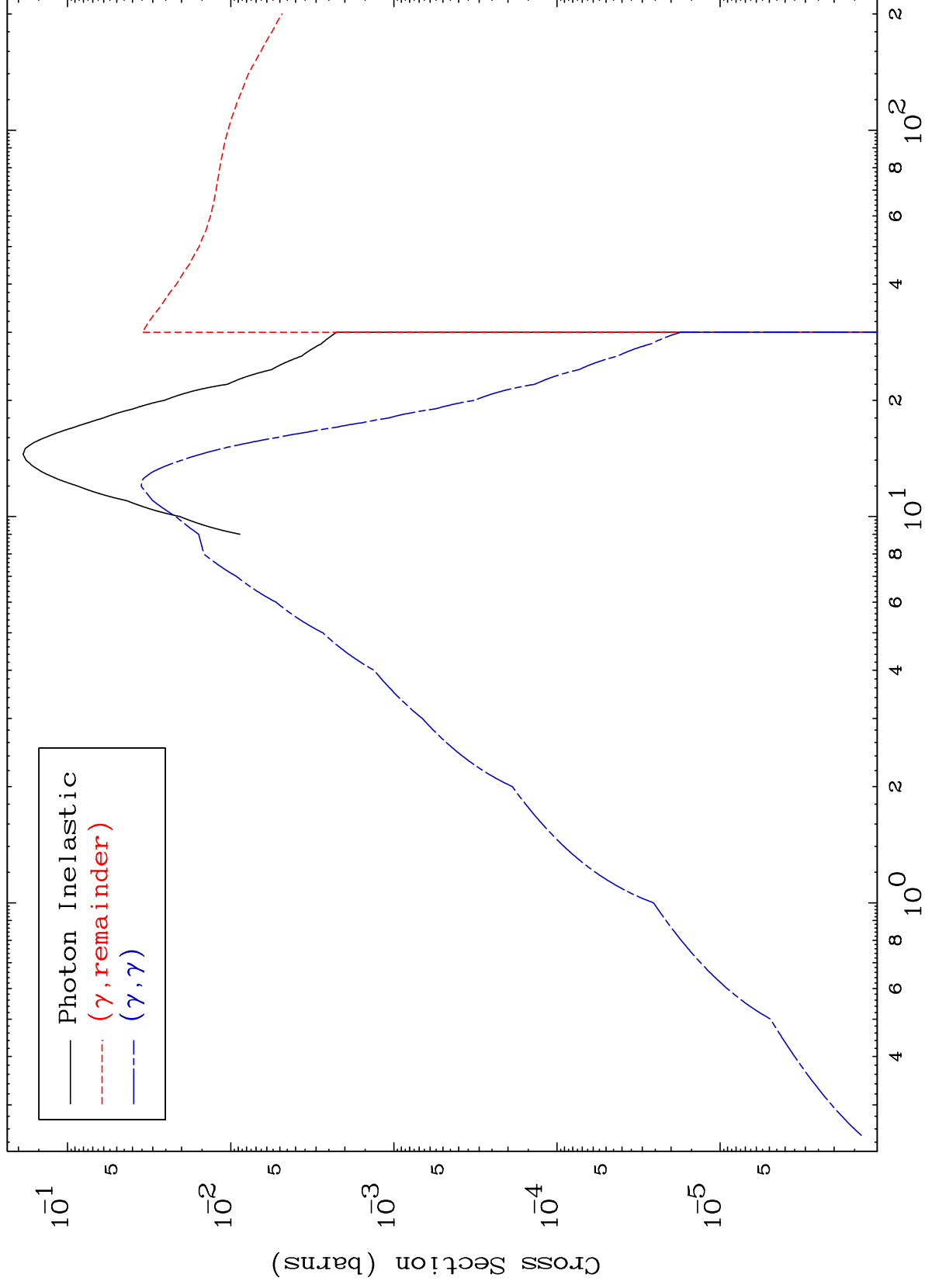
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7081

Photon Major  
0 Kelvin Cross Sections

71-Lu-160



1

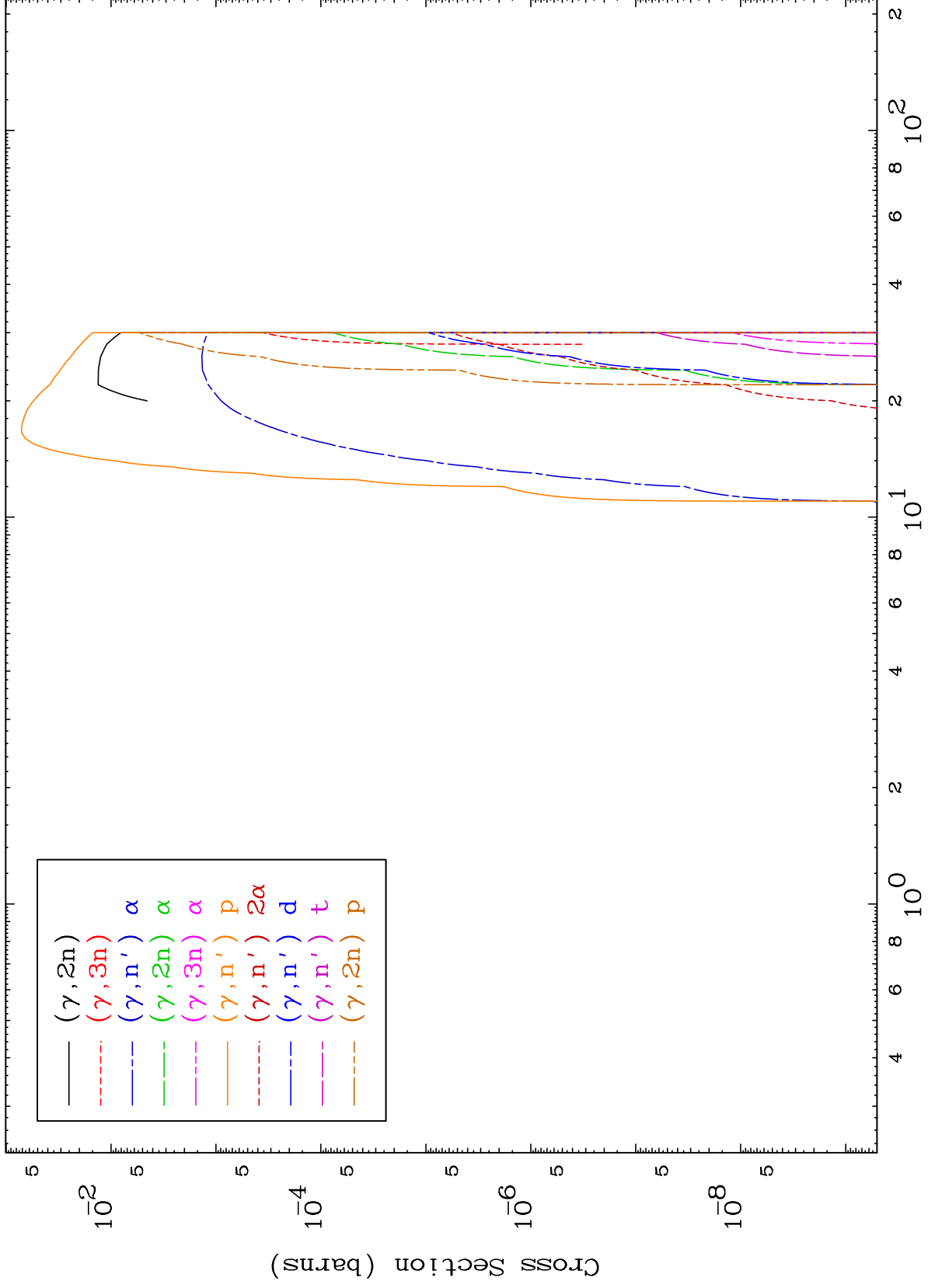
Incident Energy (MeV)

71-Lu-160

MAT 7081

Photon Neutron Production  
0 Kelvin Cross Sections

<sup>71</sup>Lu-160



<sup>71</sup>Lu-160

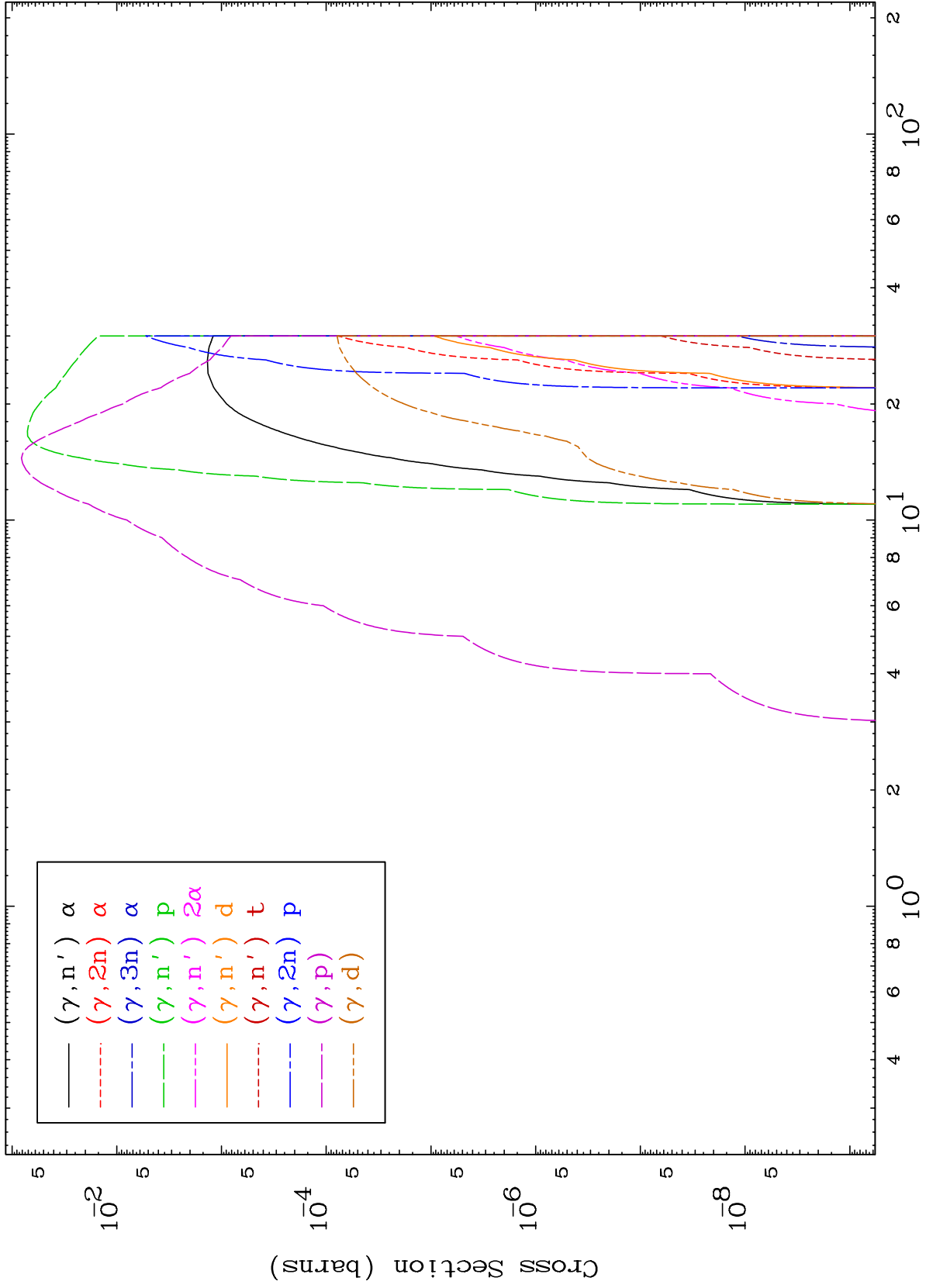
Incident Energy (MeV)

2

MAT 7081

Photon Charged Particle  
0 Kelvin Cross Sections

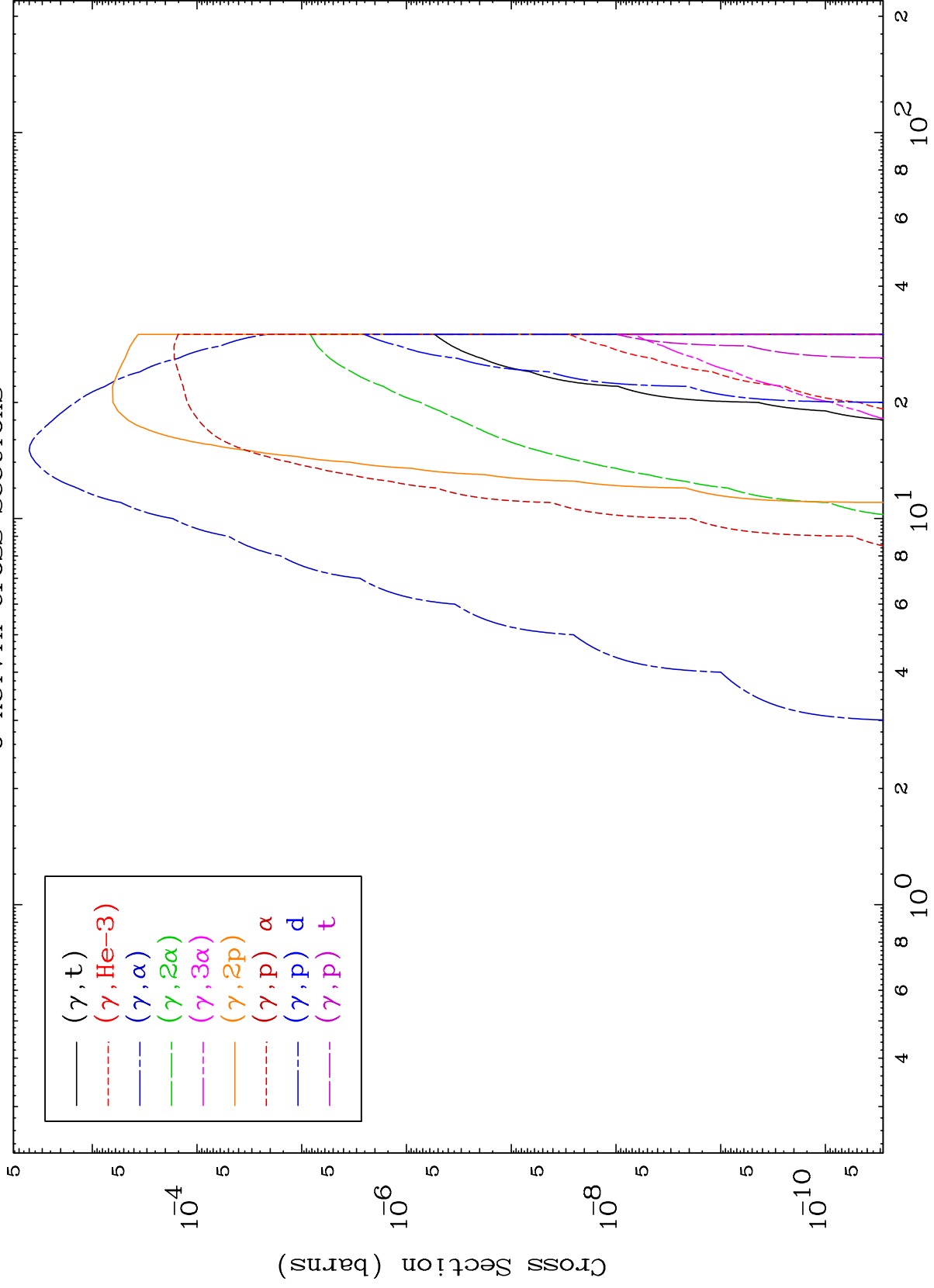
71-Lu-160



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Photon Charged Particle  
0 Kelvin Cross Sections

71-Lu-160

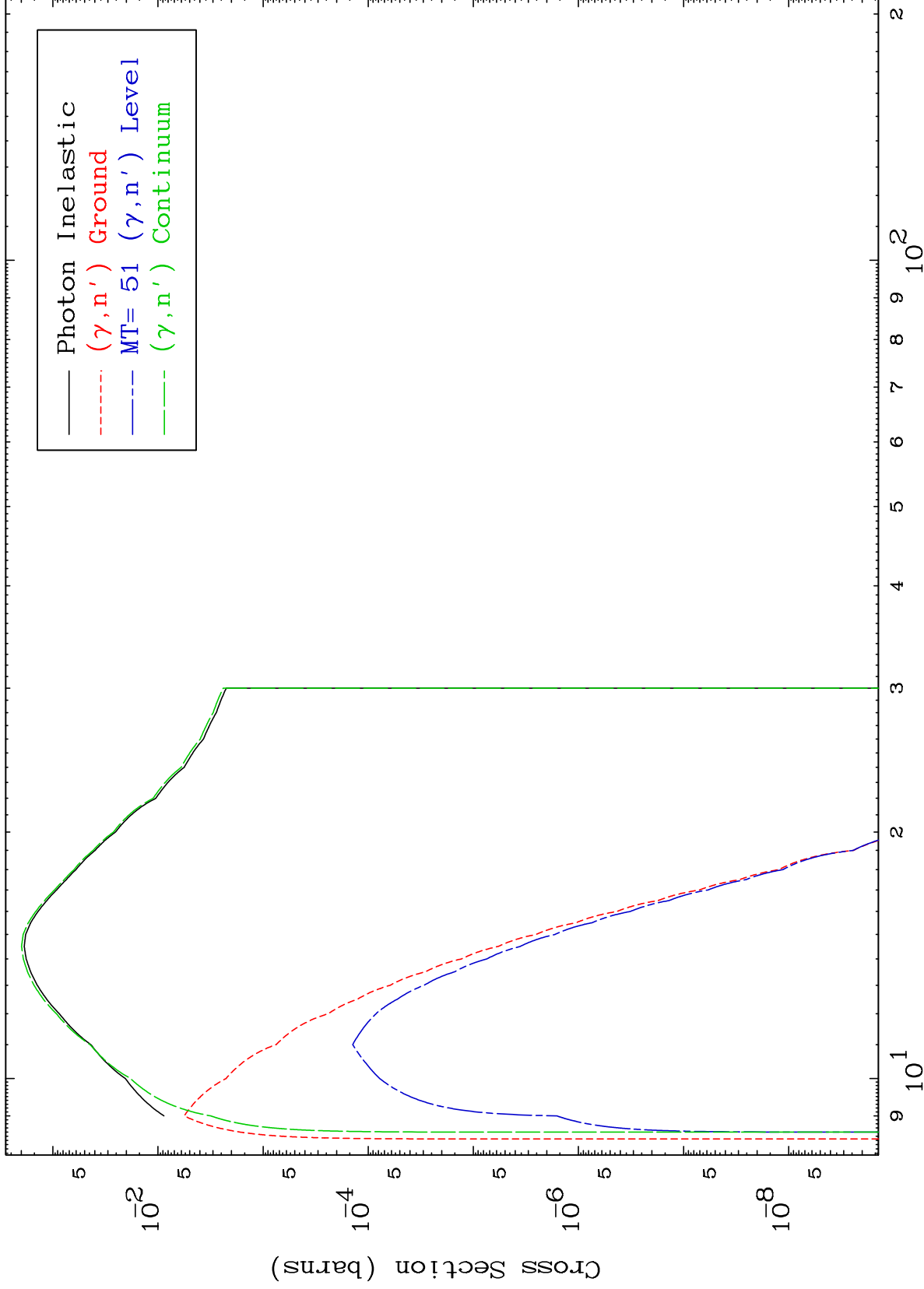


MAT 7081

( $\gamma, n'$ ) Level

71-Lu-160

0 Kelvin Cross Sections



Incident Energy (MeV)

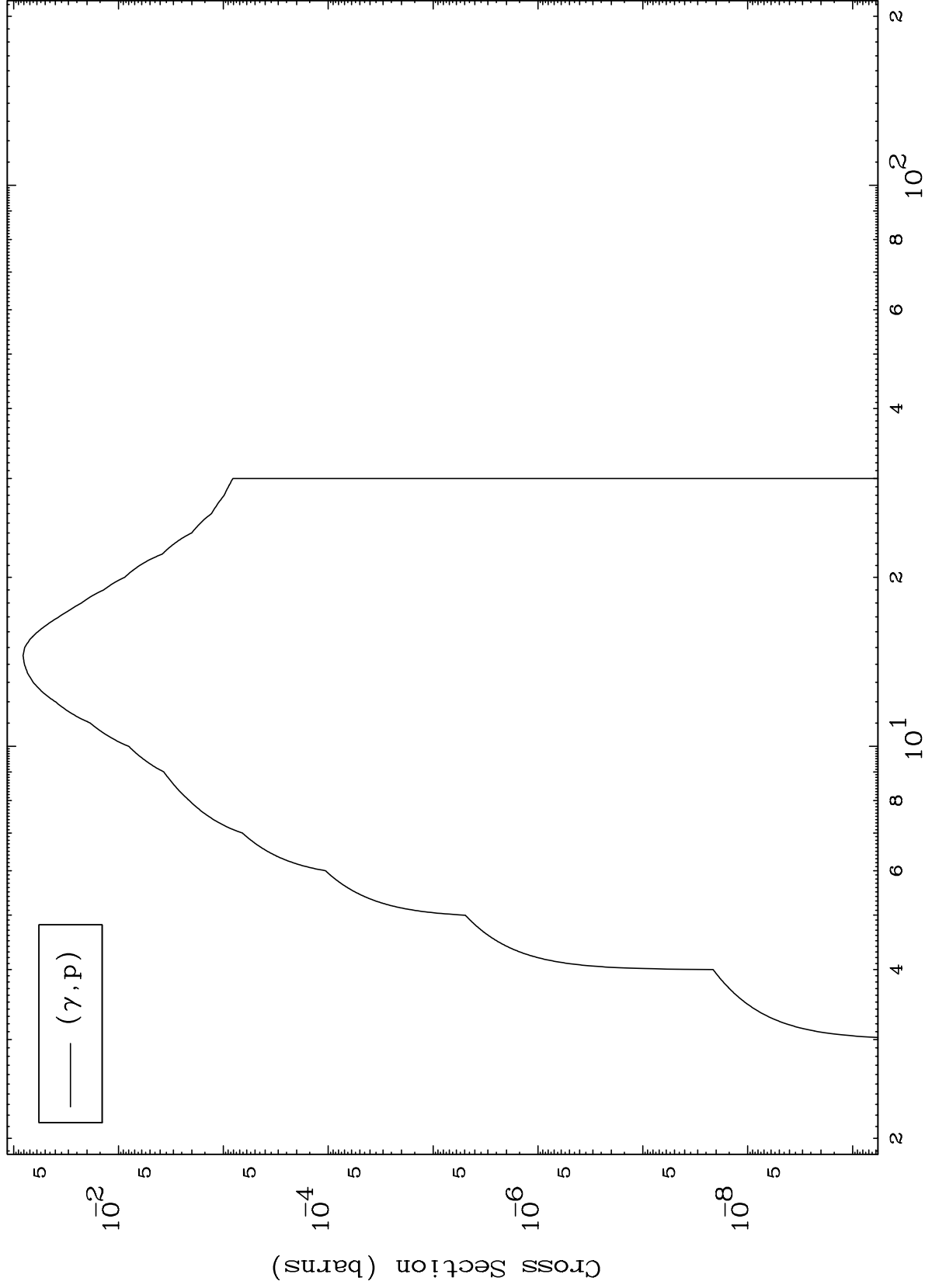
71-Lu-160

5

MAT 7081

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

71-Lu-160



6

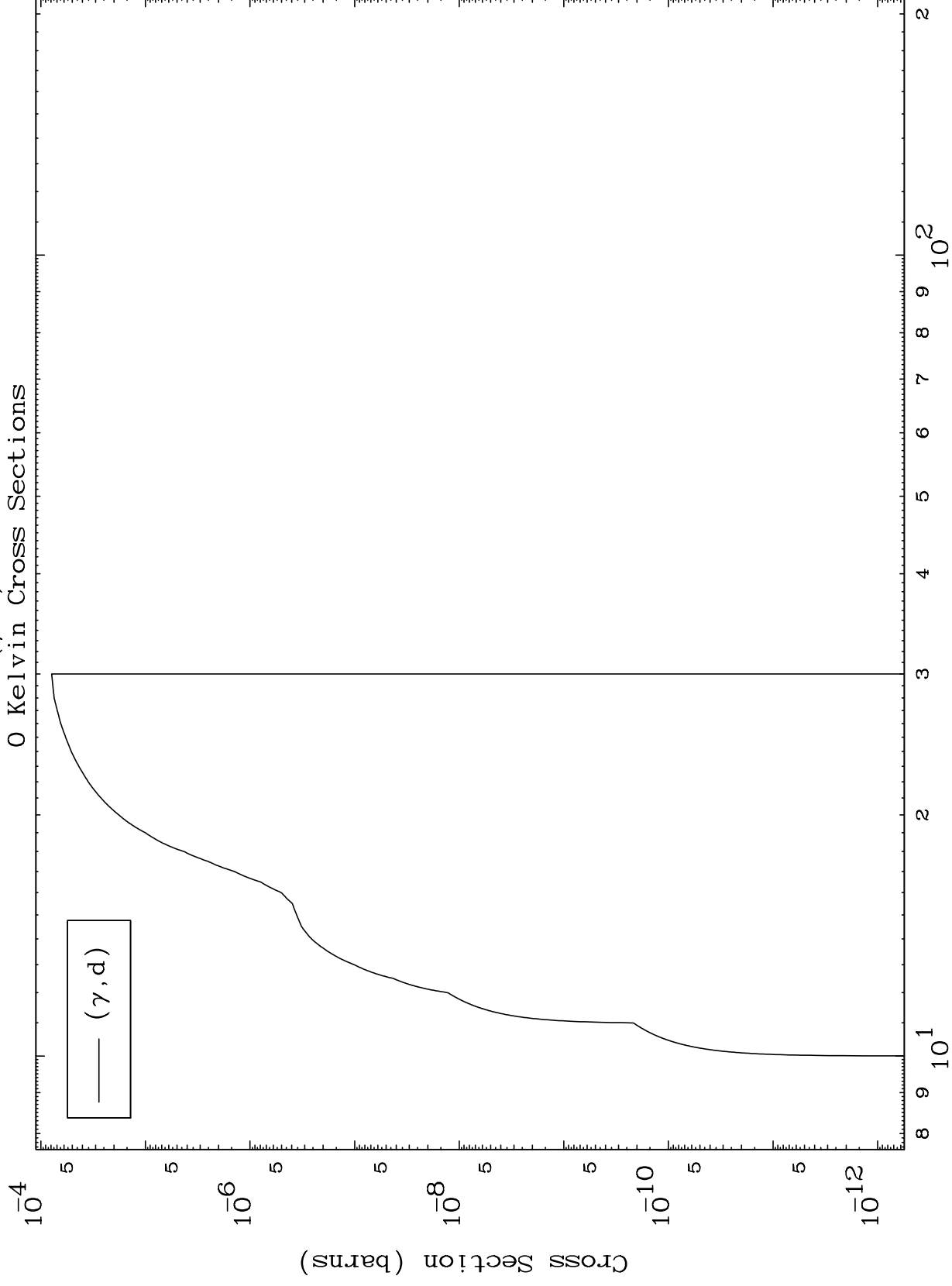
Incident Energy (MeV)

71-Lu-160

MAT 7081

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

71-Lu-160

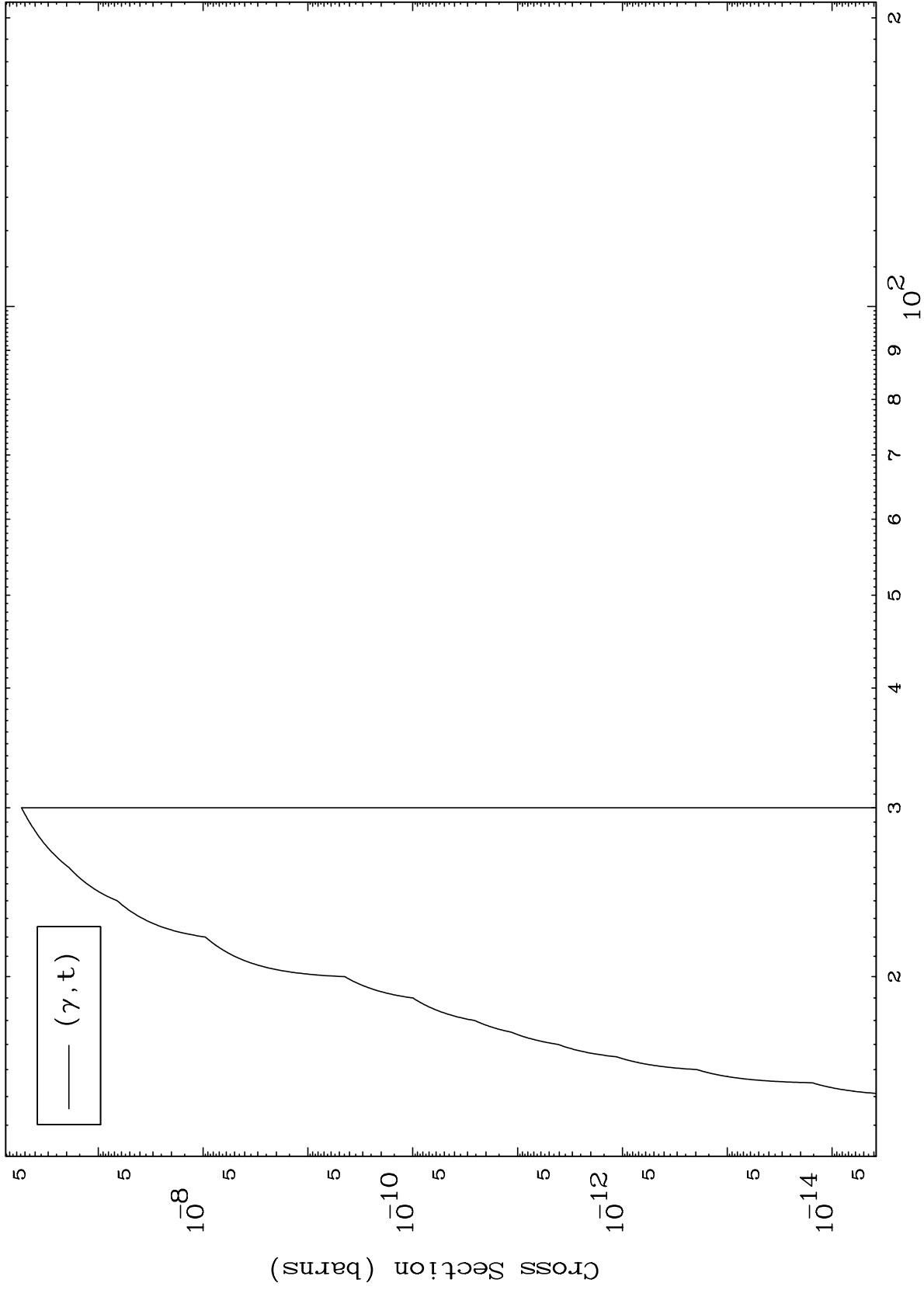


Incident Energy (MeV)

71-Lu-160

7

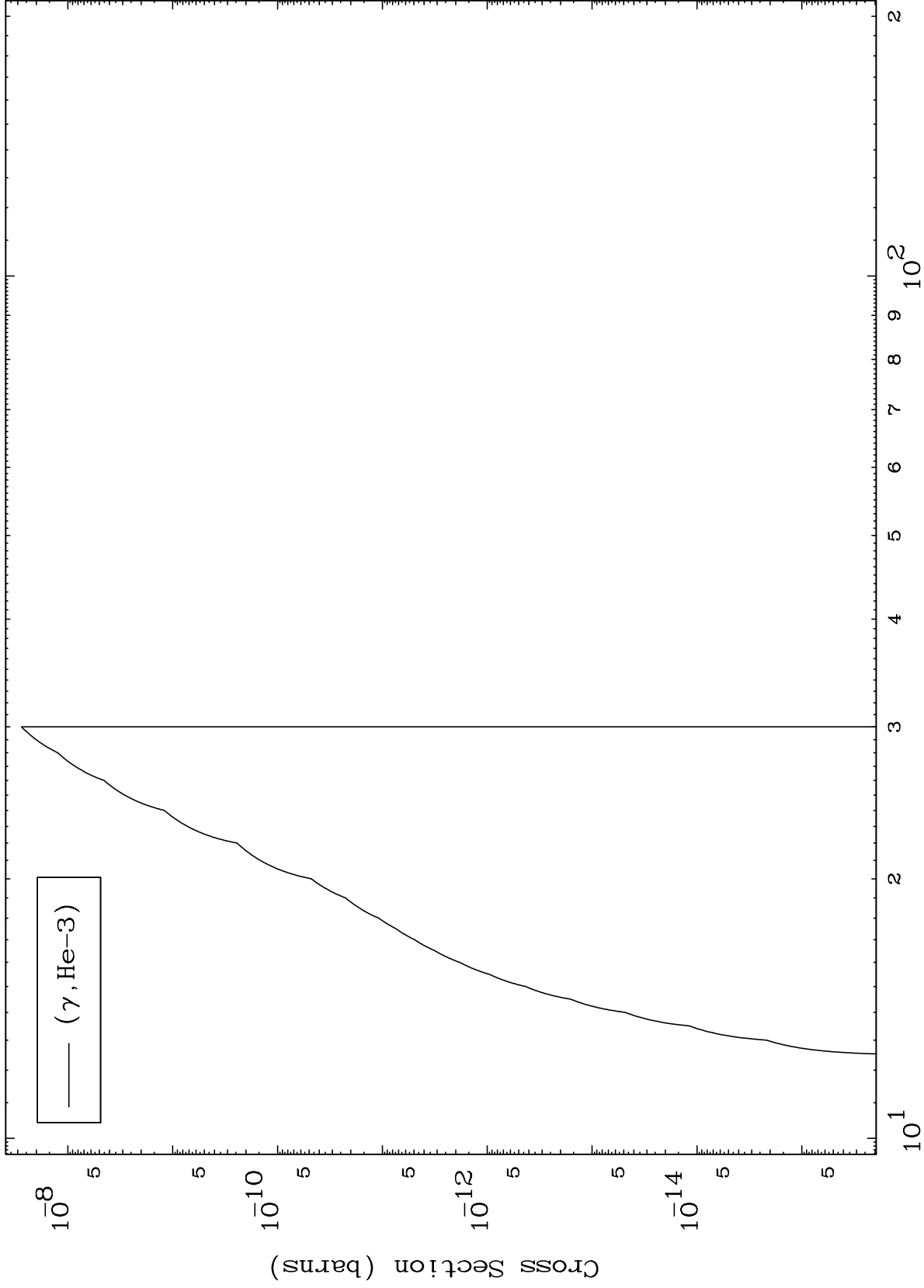




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( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

71-Lu-160



Incident Energy (MeV)

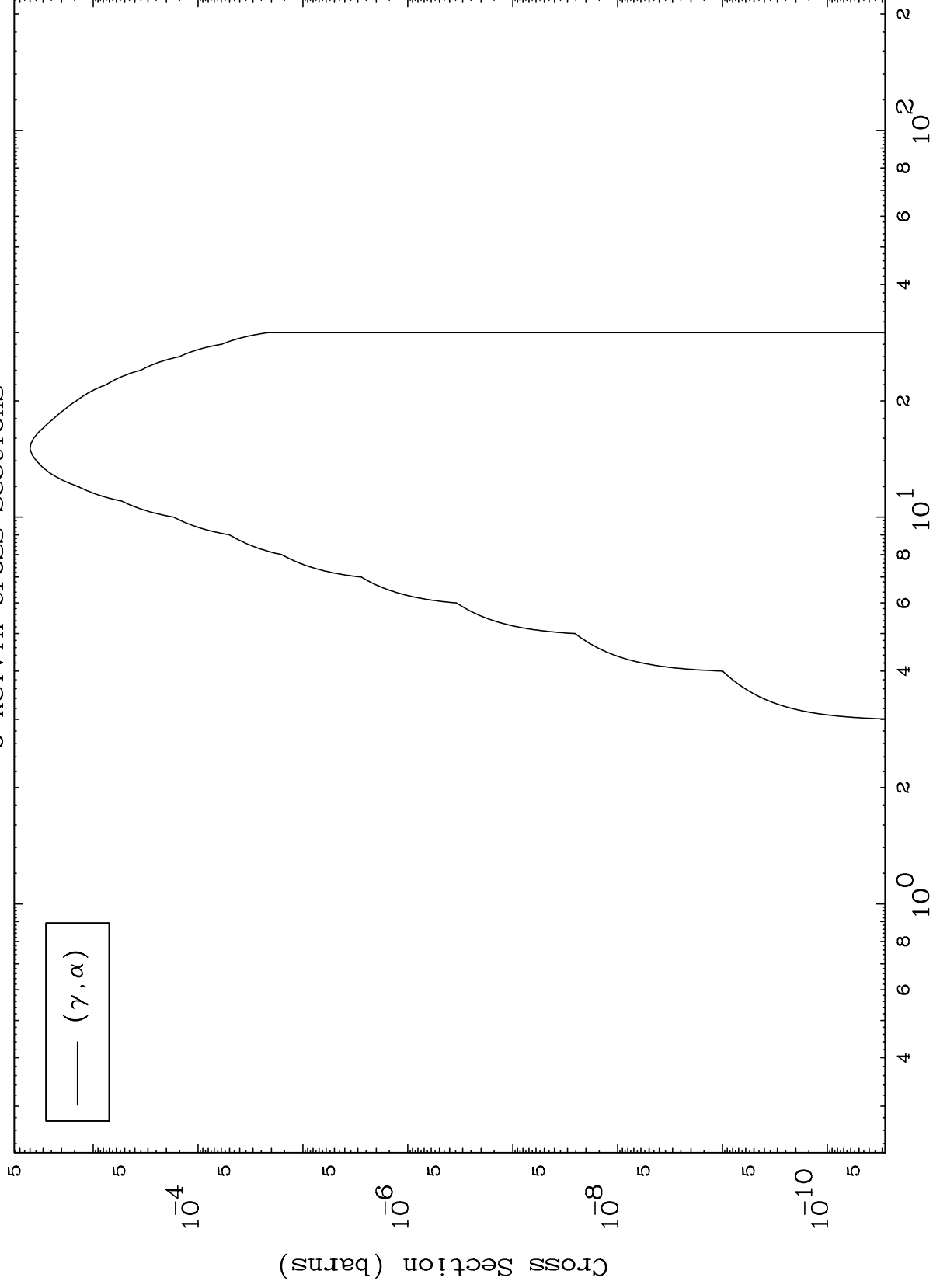
71-Lu-160

MAT 7081

( $\gamma, \alpha$ ) Levels

$^{71}\text{Lu-160}$

0 Kelvin Cross Sections



( $\gamma, \alpha$ )

10

Incident Energy (MeV)

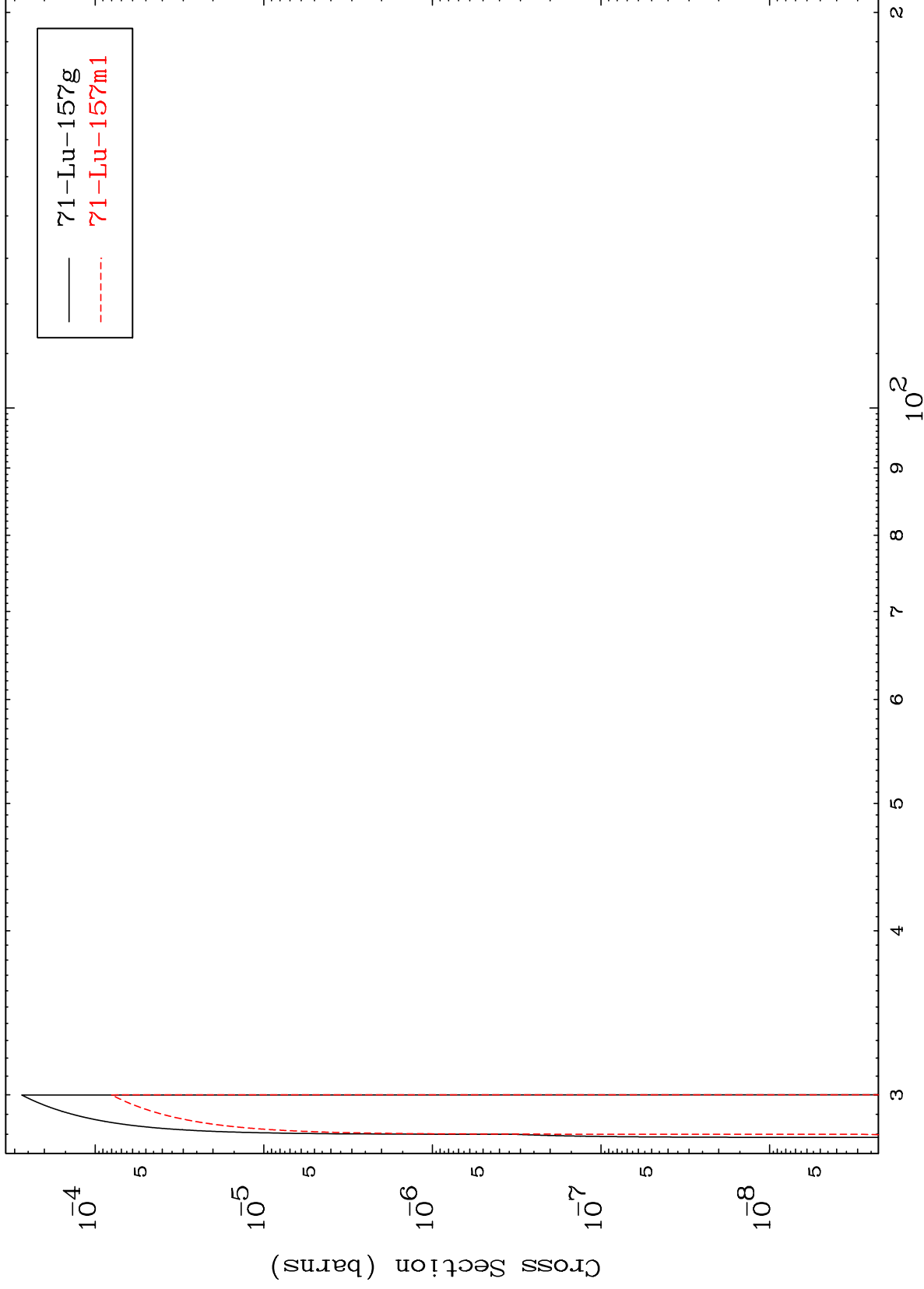
$^{71}\text{Lu-160}$

MAT 7081

( $\gamma, 3n$ )

71-Lu-160

Radionuclide Production Cross Section



11

Incident Energy (MeV)

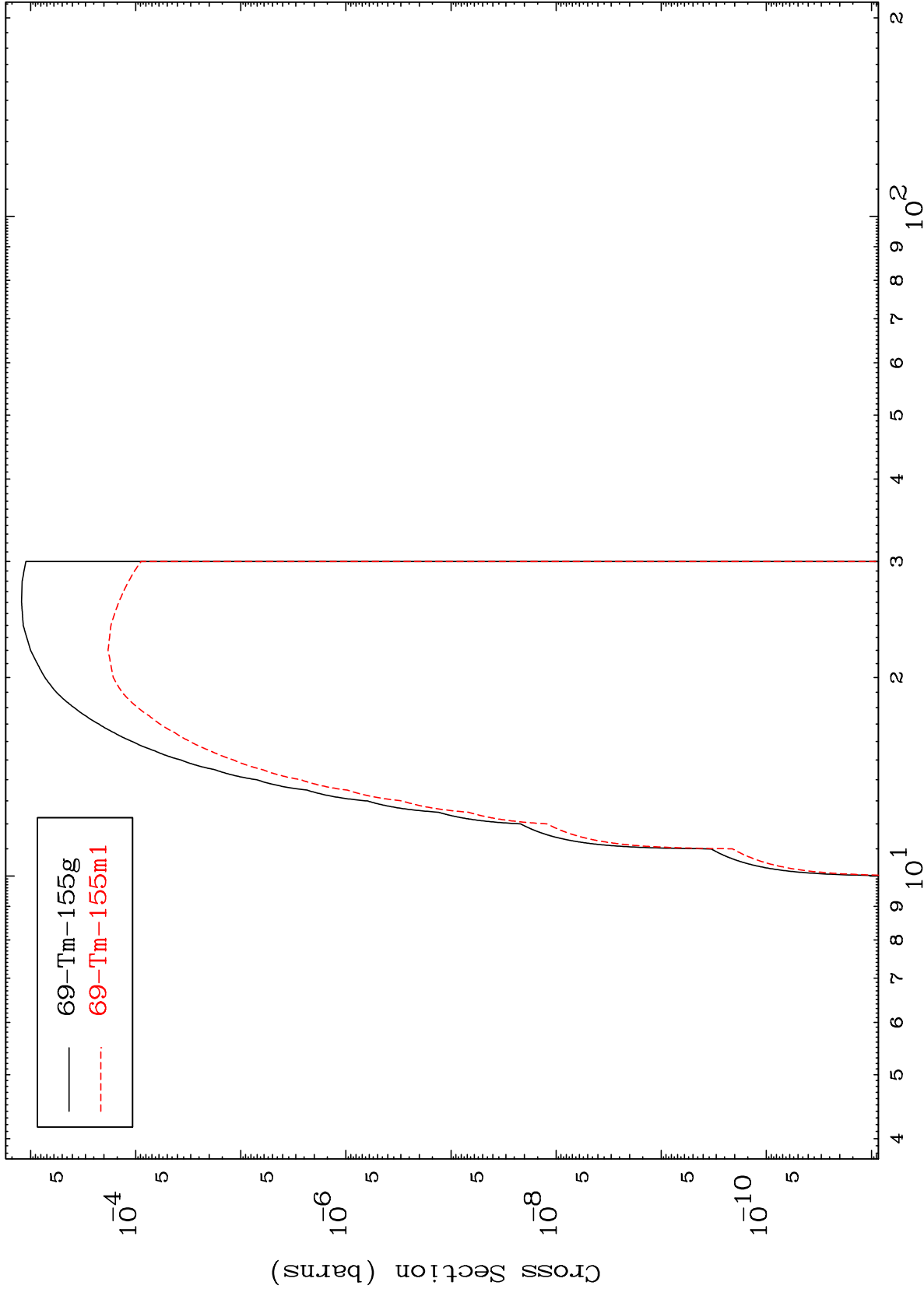
71-Lu-160

MAT 7081

$(\gamma, n') \alpha$

<sup>71</sup>Lu-160

Radionuclide Production Cross Section



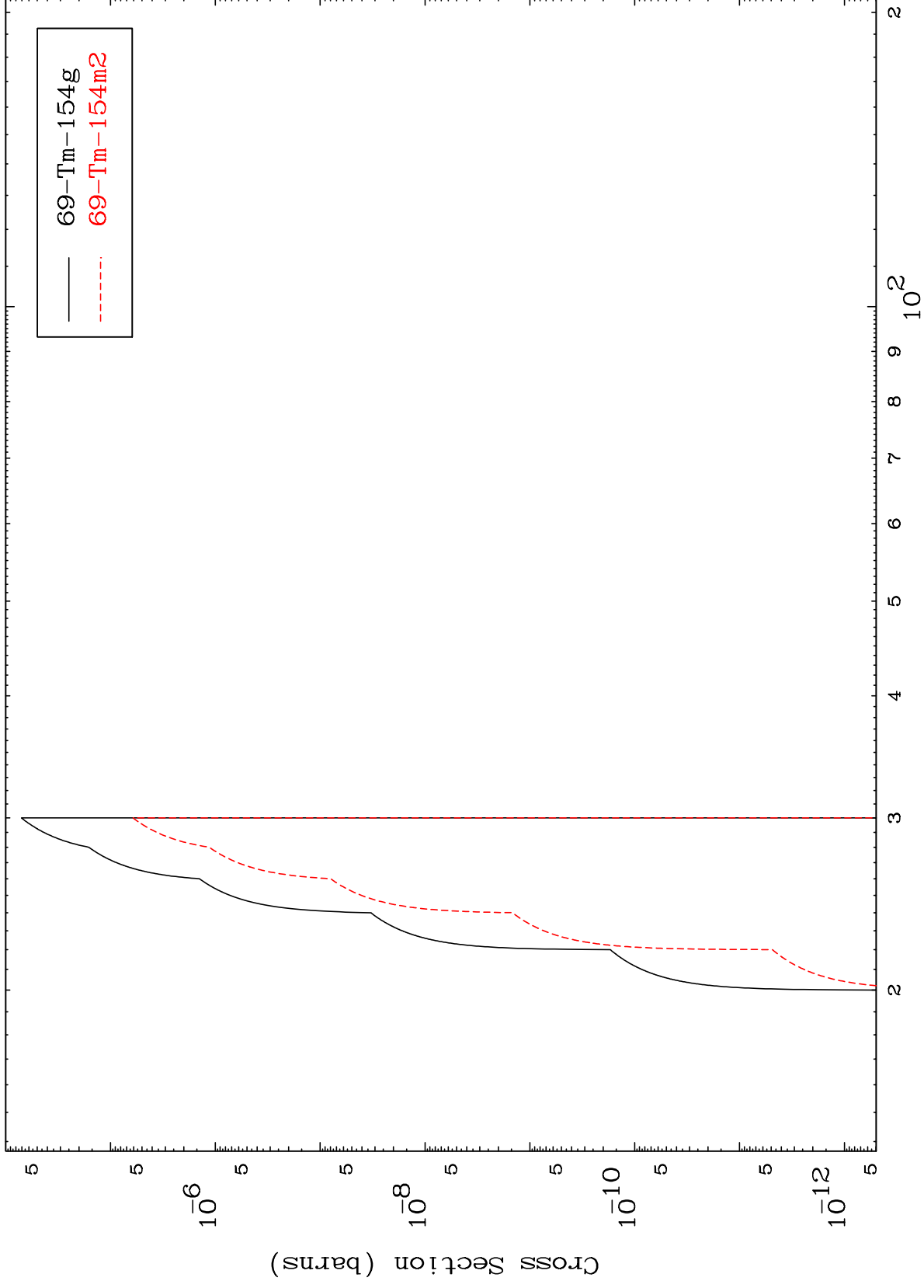
— 69-Tm-155g  
- - - 69-Tm-155m1

12

Incident Energy (MeV)

<sup>71</sup>Lu-160

Radionuclide Production Cross Section

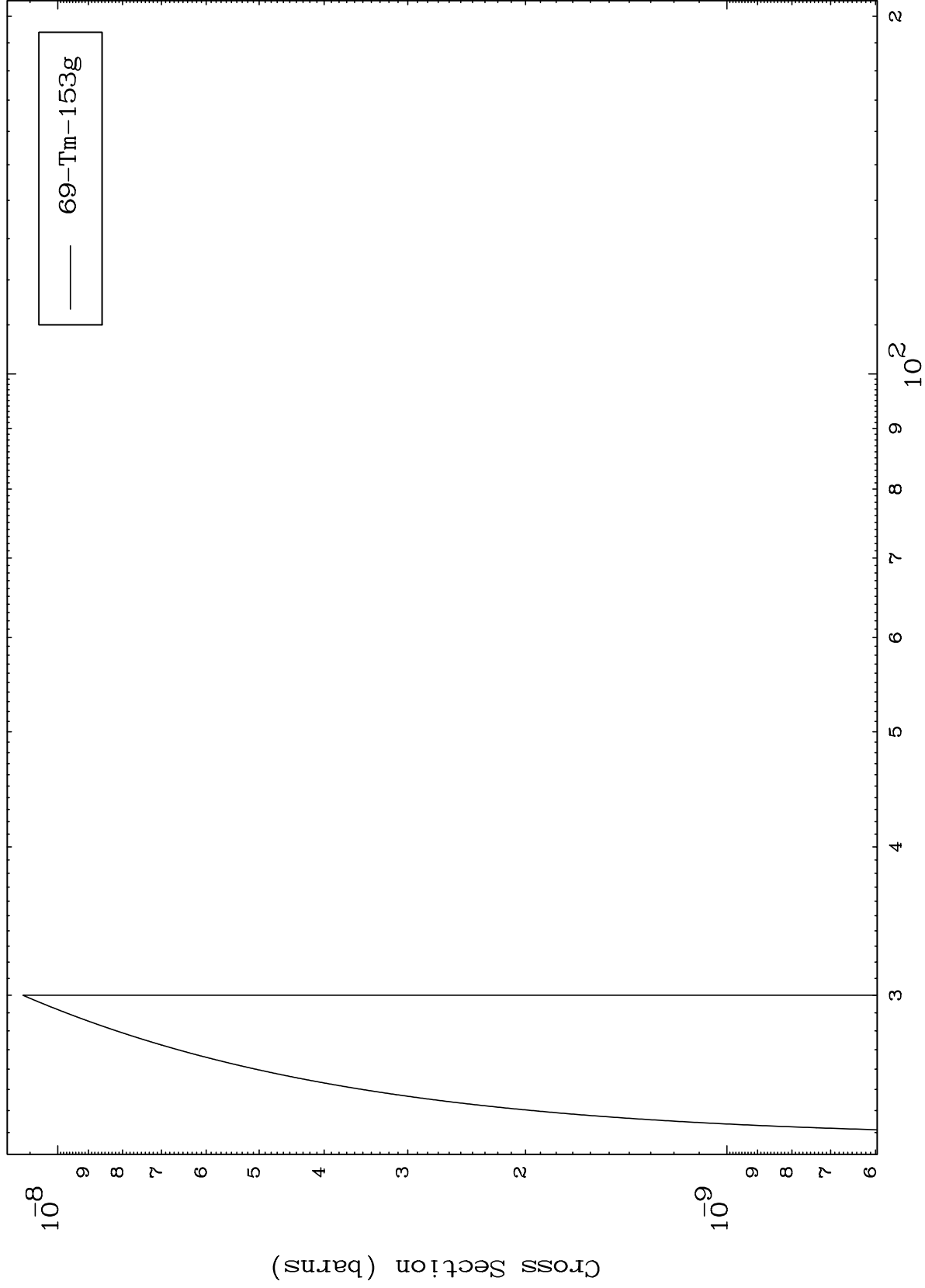


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$(\gamma, 3n) \alpha$

71-Lu-160

Radionuclide Production Cross Section



14

Incident Energy (MeV)

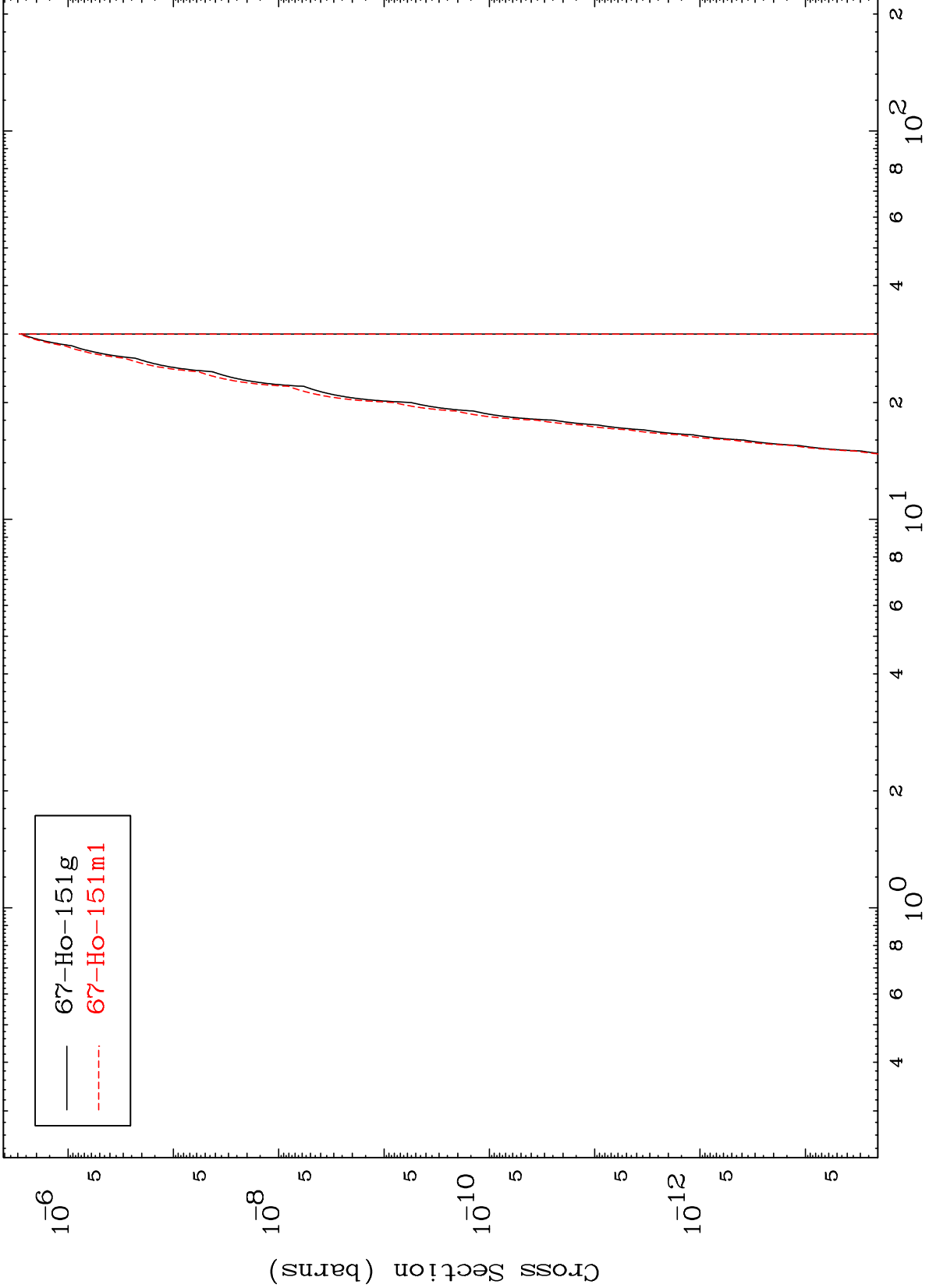
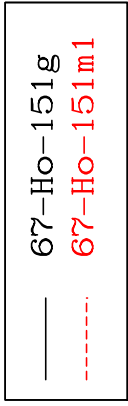
71-Lu-160

MAT 7081

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

$^{71}\text{Lu-160}$

Radionuclide Production Cross Section

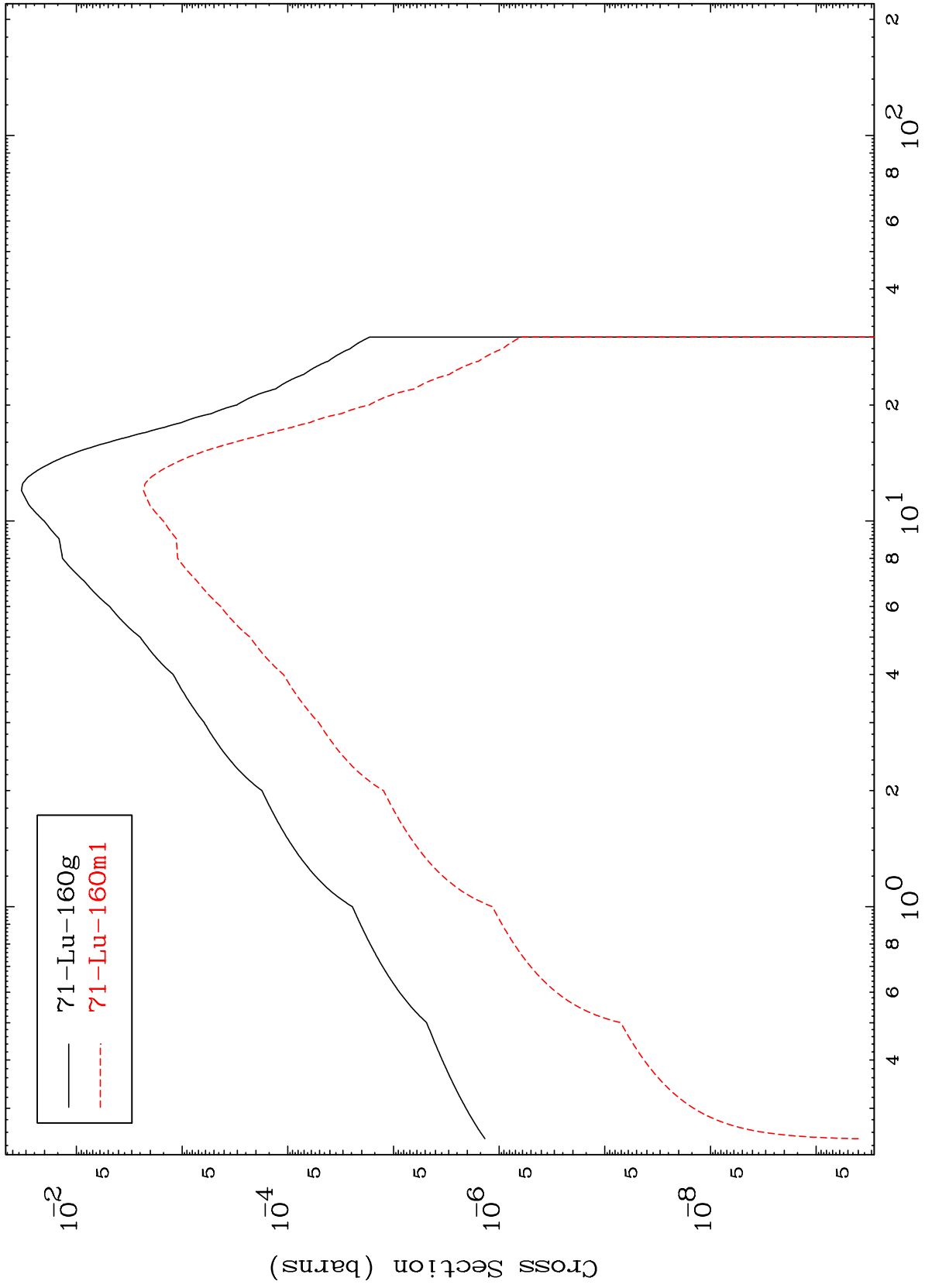




MAT 7081

<sup>71</sup>Lu-160

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



— 71-Lu-160g  
- - - 71-Lu-160m1

16

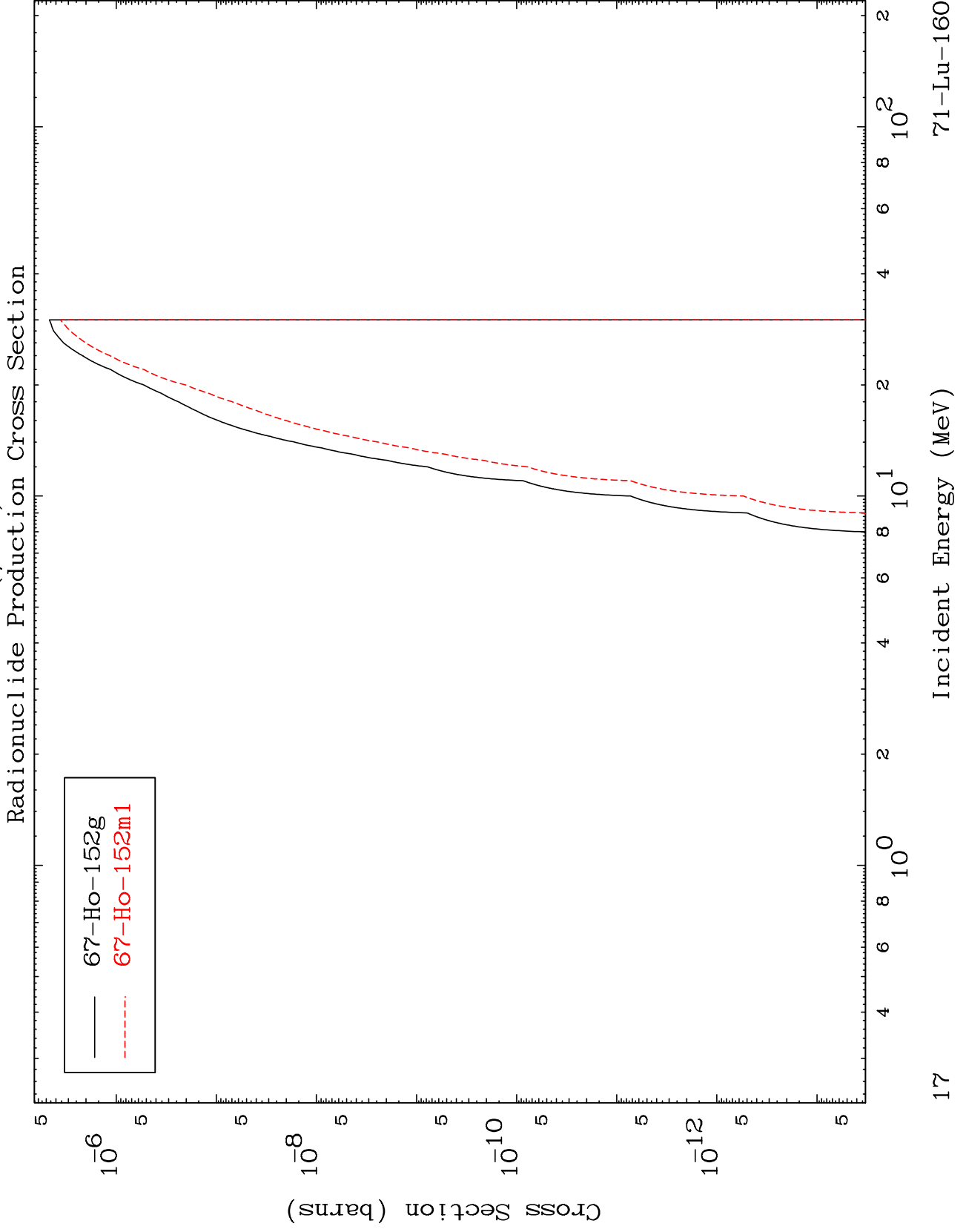
Incident Energy (MeV)

<sup>71</sup>Lu-160

MAT 7081

( $\gamma, 2\alpha$ )

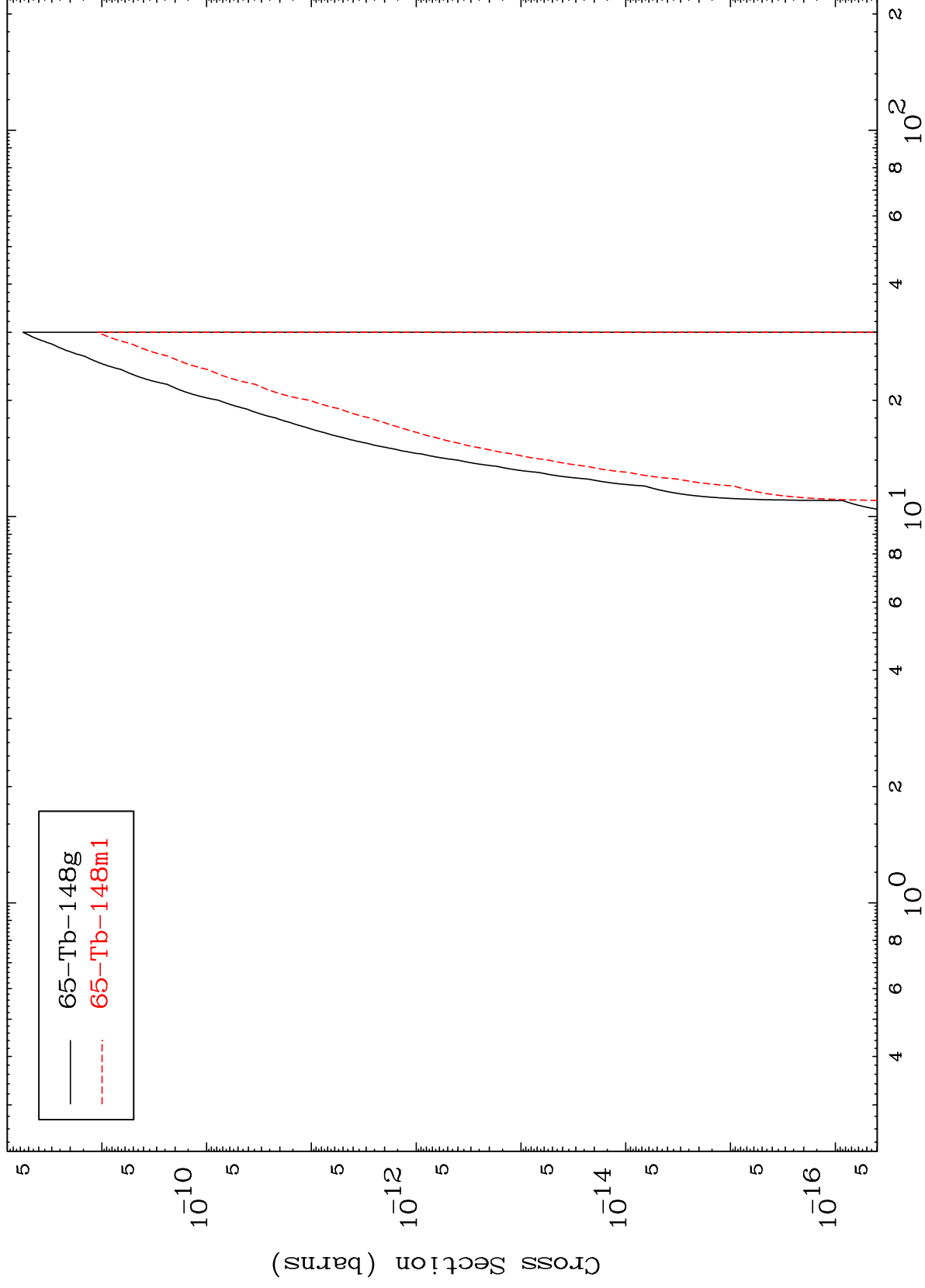
<sup>71</sup>Lu-160



MAT 7081

71-Lu-160

( $\gamma, 3\alpha$ )  
Radionuclide Production Cross Section



18

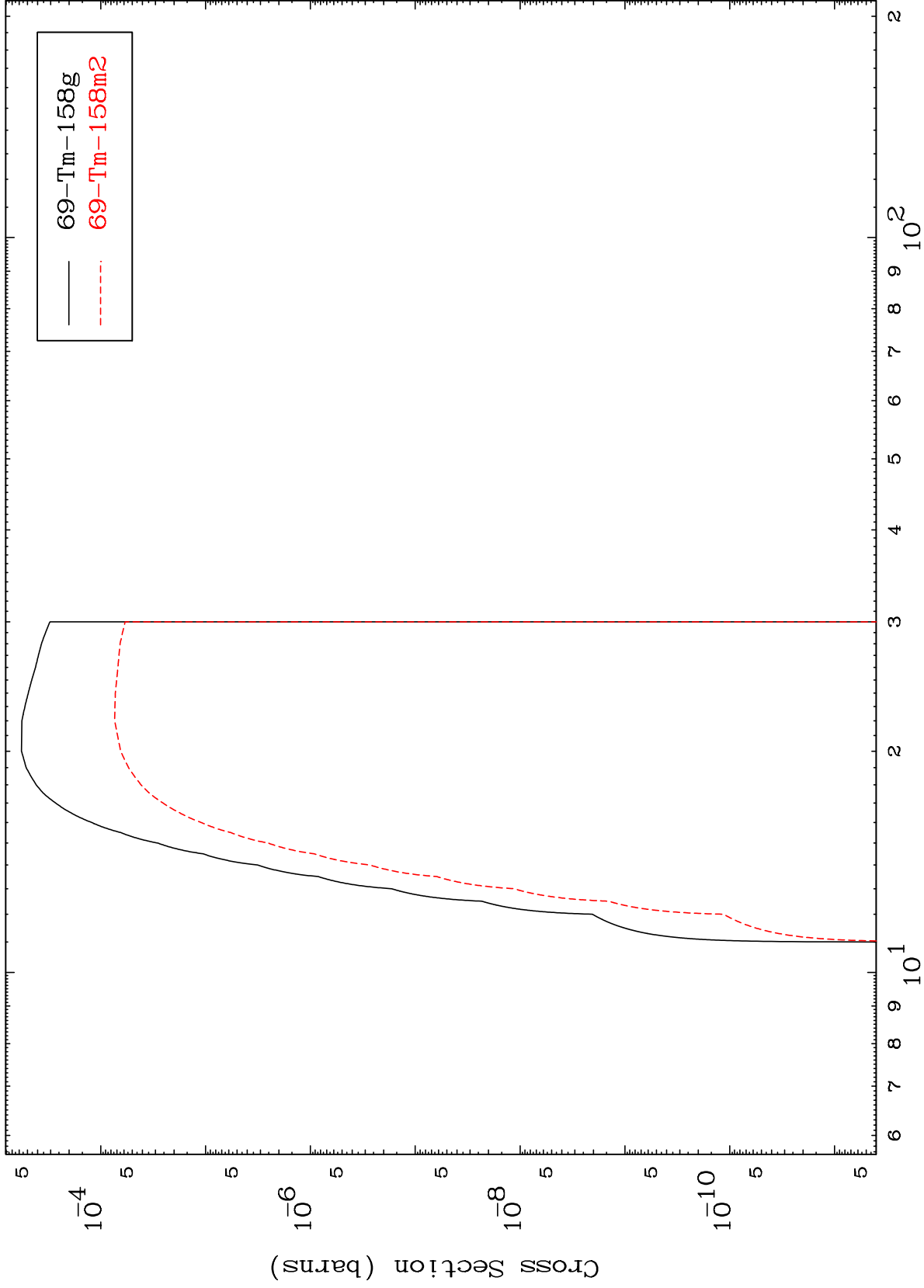
Incident Energy (MeV)

71-Lu-160

MAT 7081

71-Lu-160

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



19

Incident Energy (MeV)

71-Lu-160