

Program EVALPLOT  
(Version 2018-1)

by

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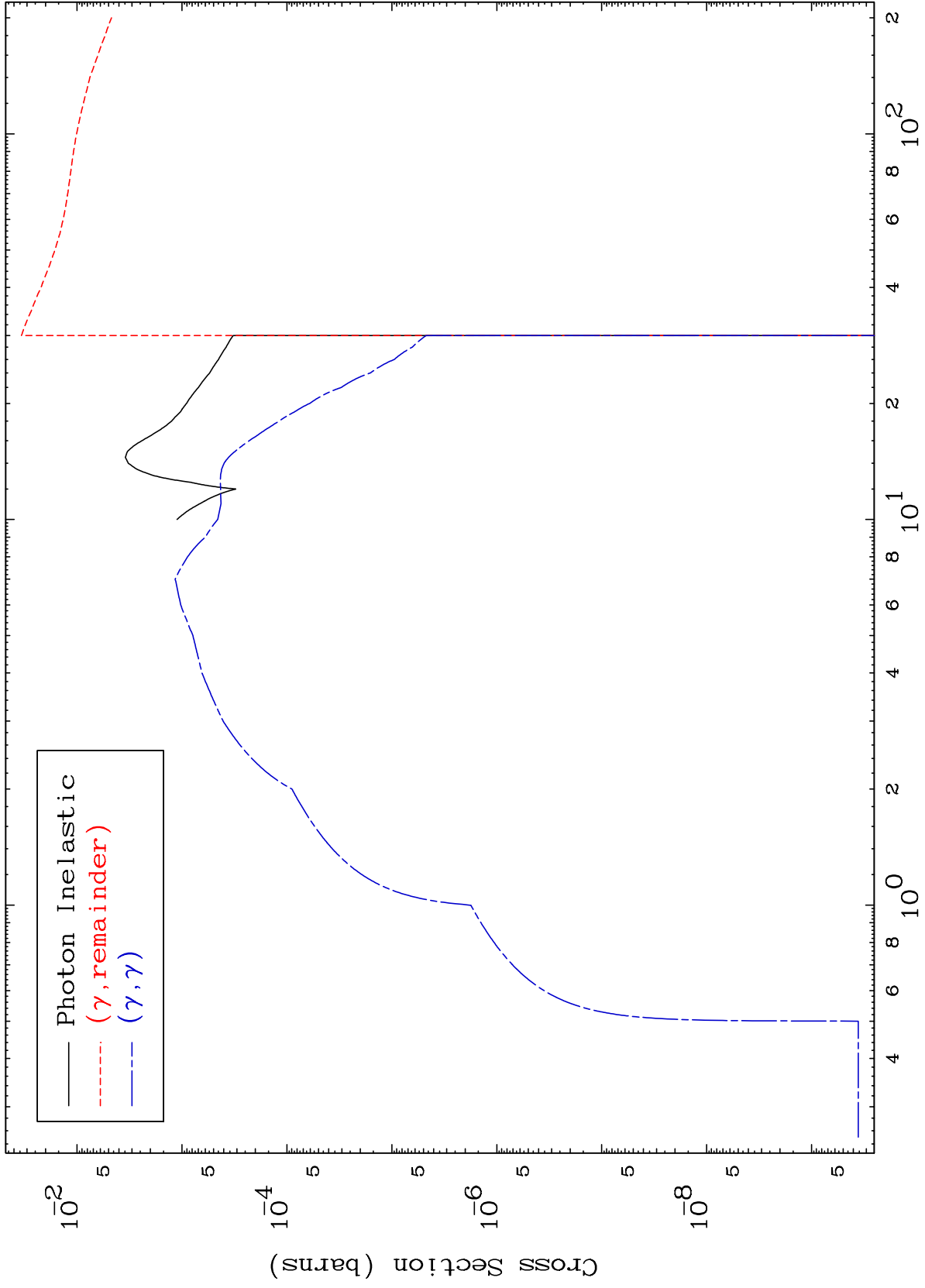
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

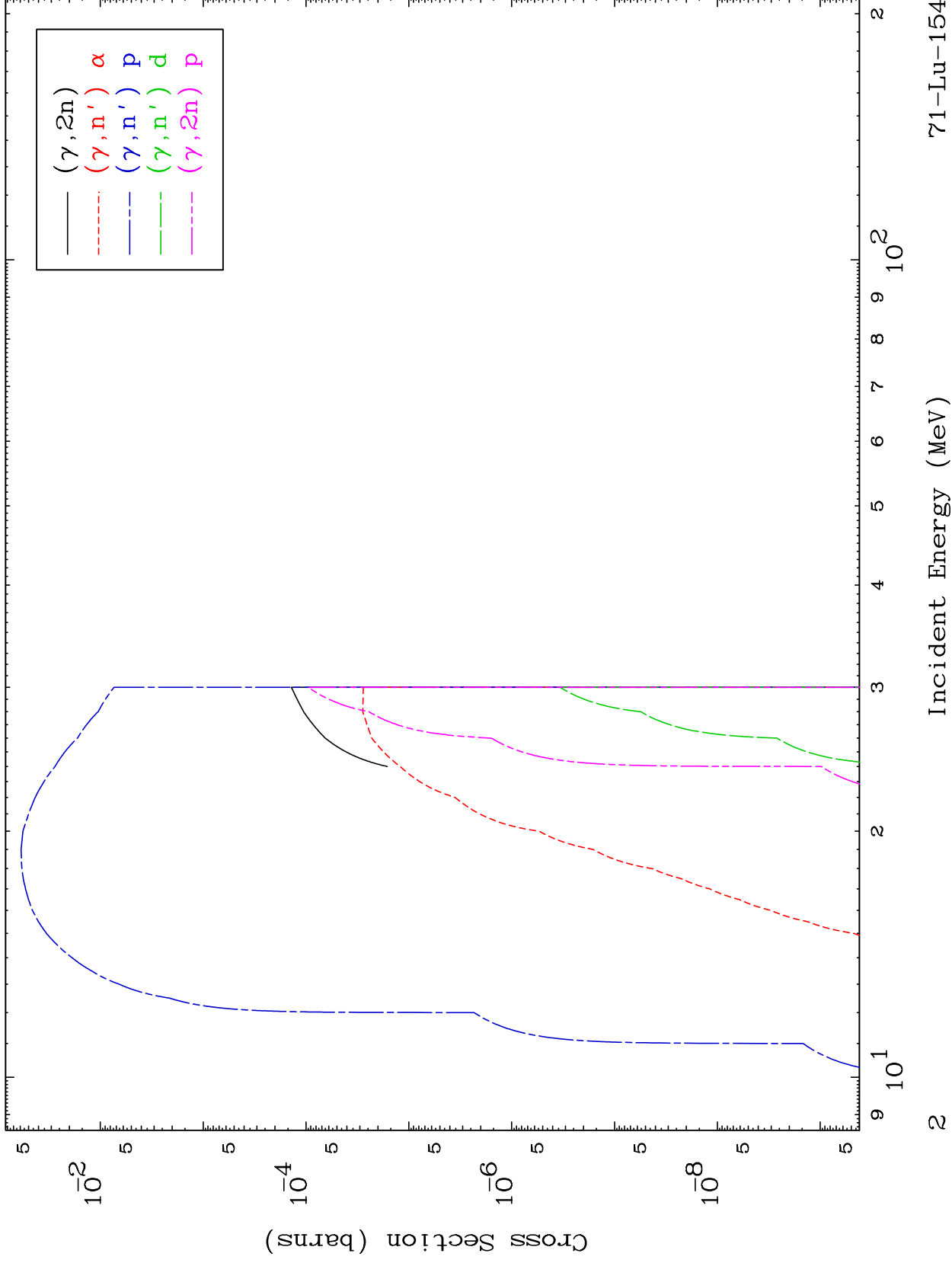
MAT 7062

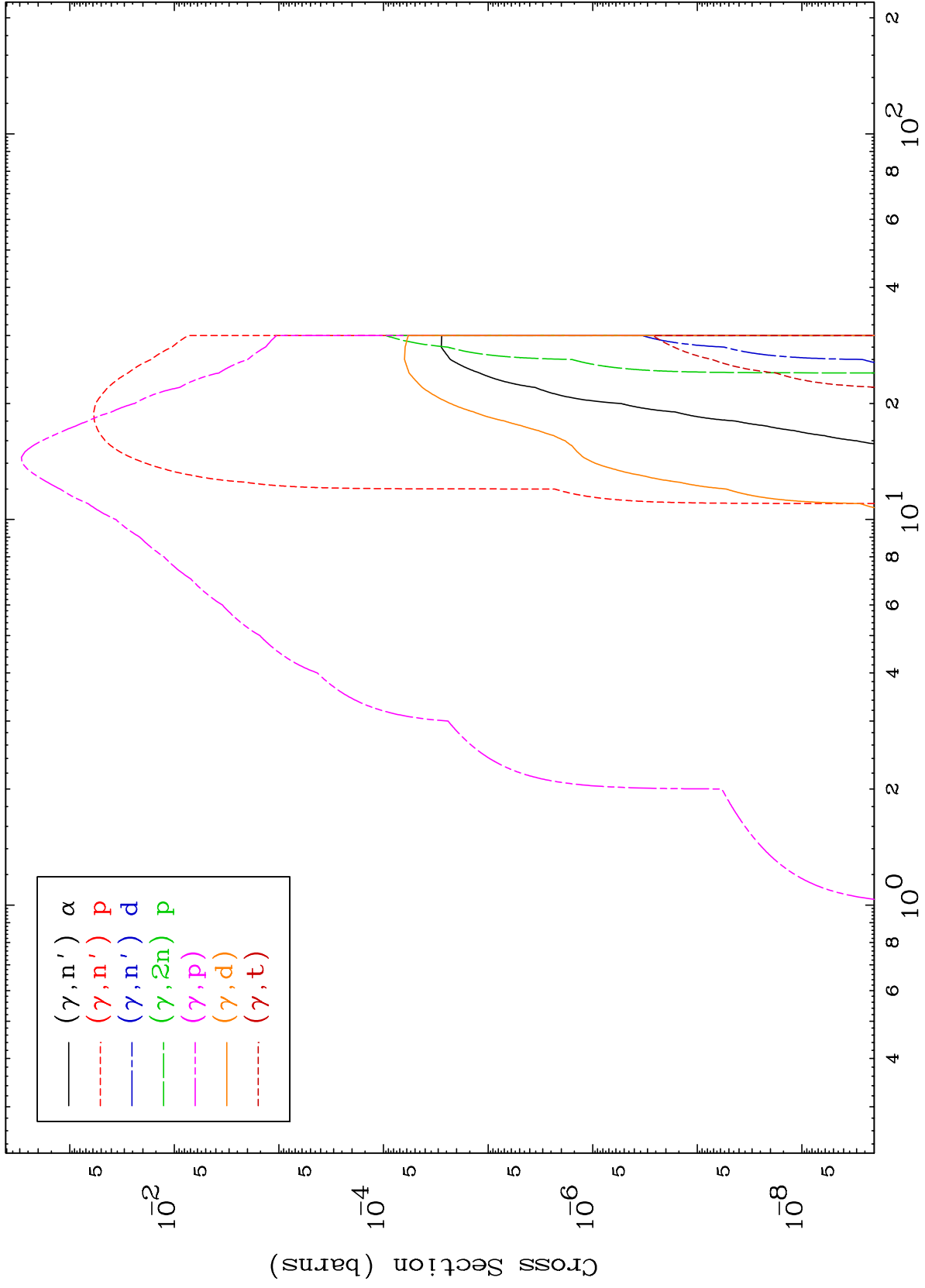
Photon Major  
0 Kelvin Cross Sections

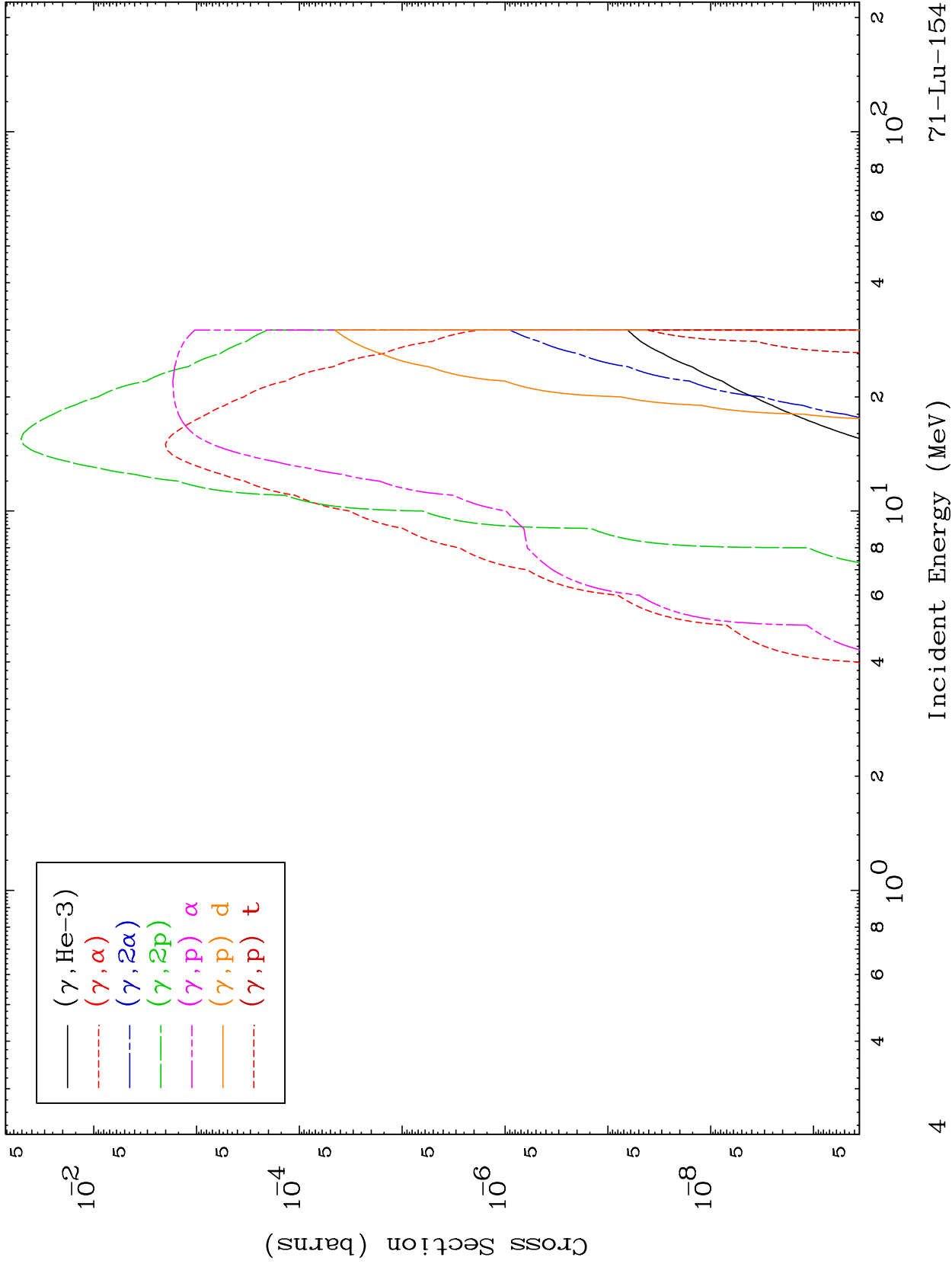
71-Lu-154



— Photon Inelastic  
- - (γ, remainder)  
- - (γ, γ)





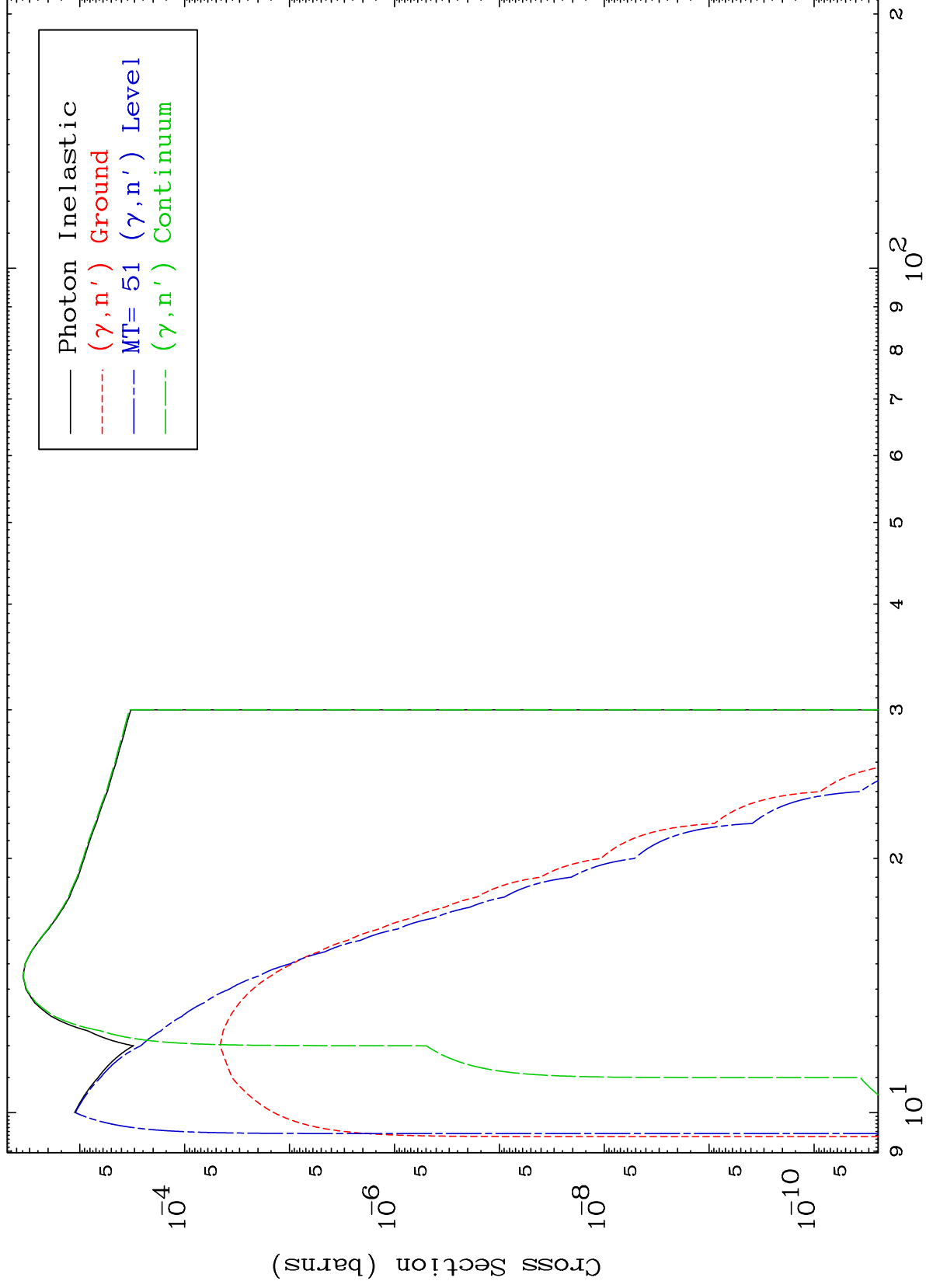


MAT 7062

$(\gamma, n')$  Level

71-Lu-154

0 Kelvin Cross Sections



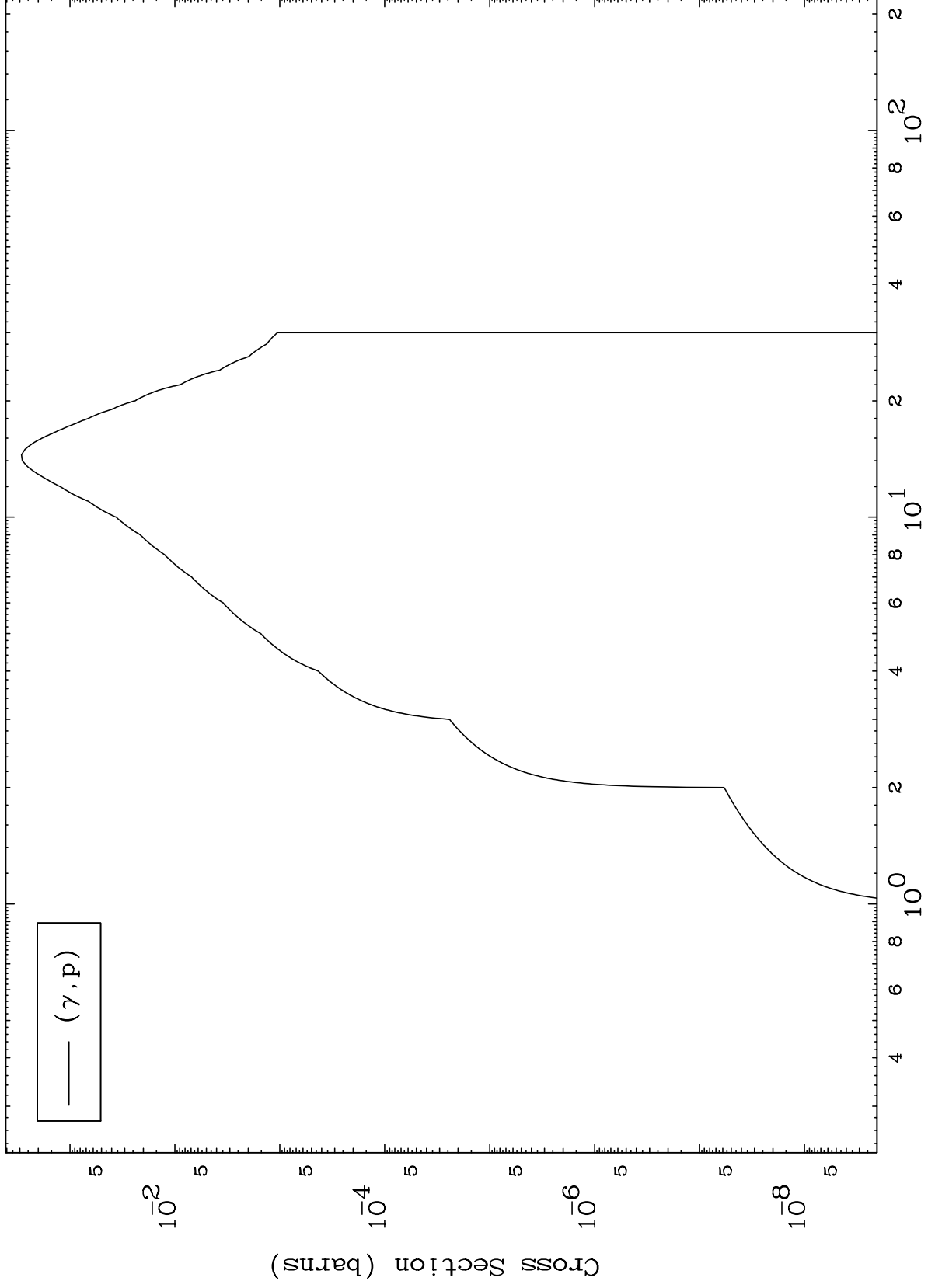
Incident Energy (MeV)

71-Lu-154

MAT 7062

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

71-Lu-154

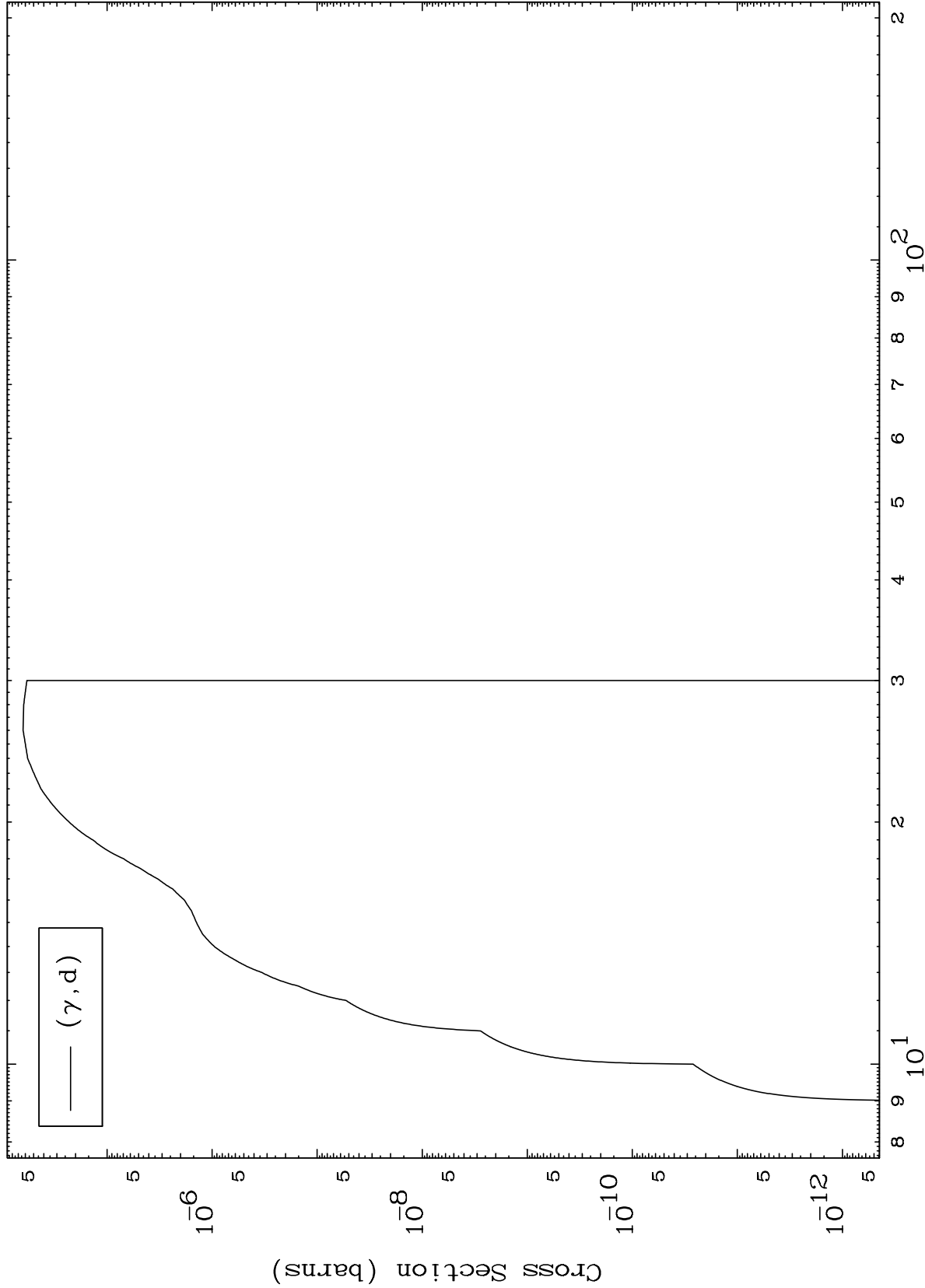


MAT 7062

( $\gamma, d$ ) Levels

71-Lu-154

0 Kelvin Cross Sections

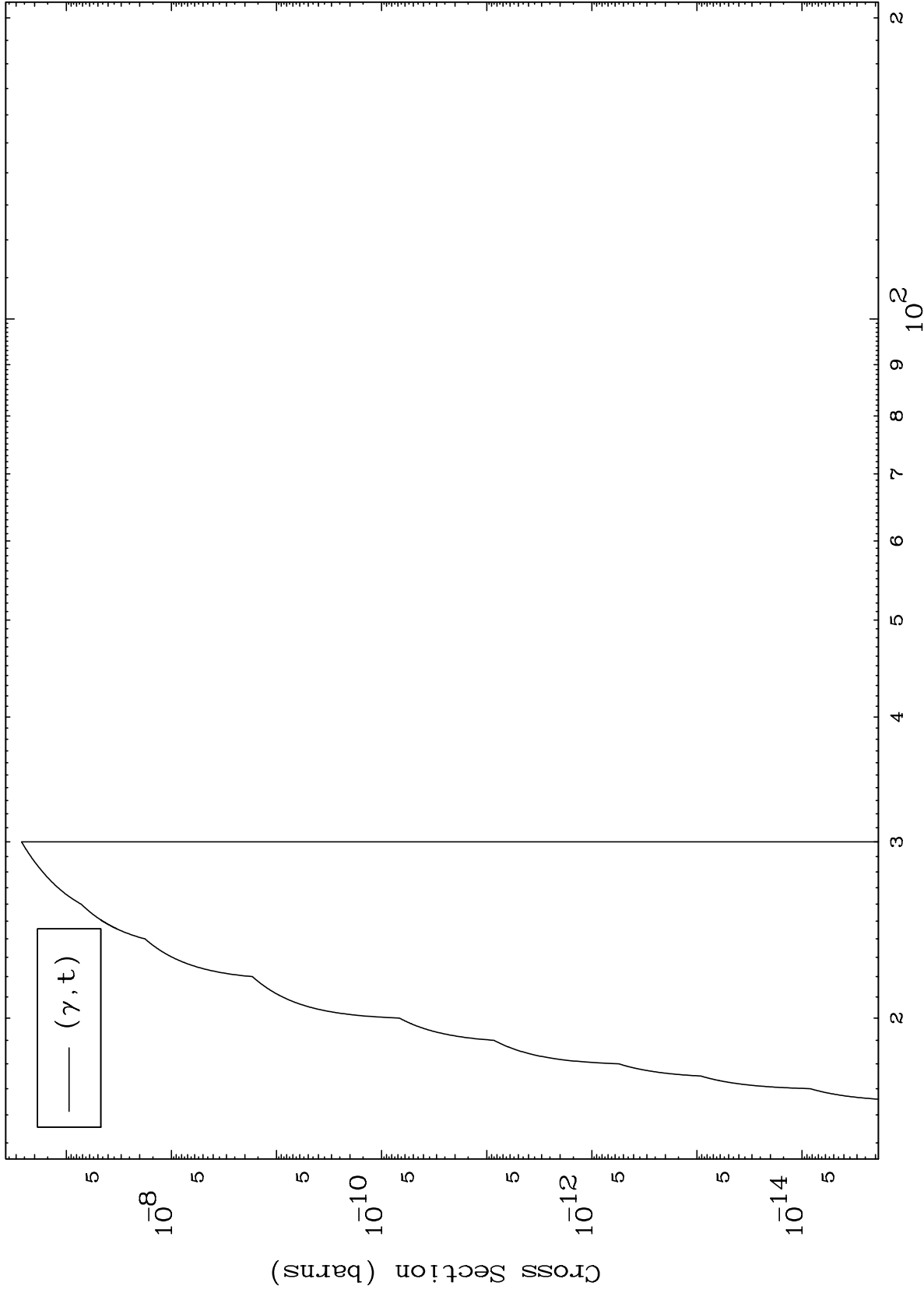


Incident Energy (MeV)

71-Lu-154

7

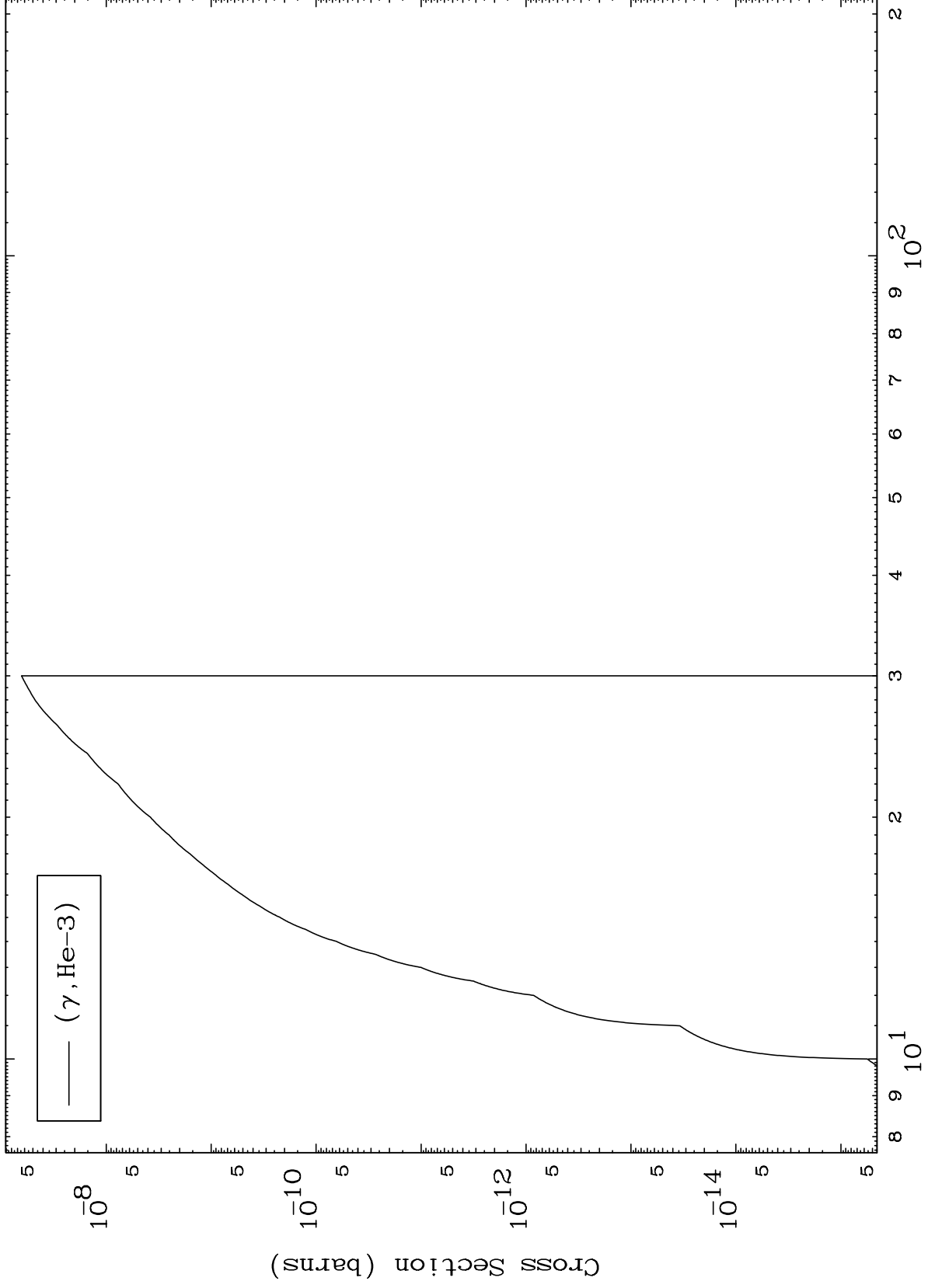




MAT 7062

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

71-Lu-154



9

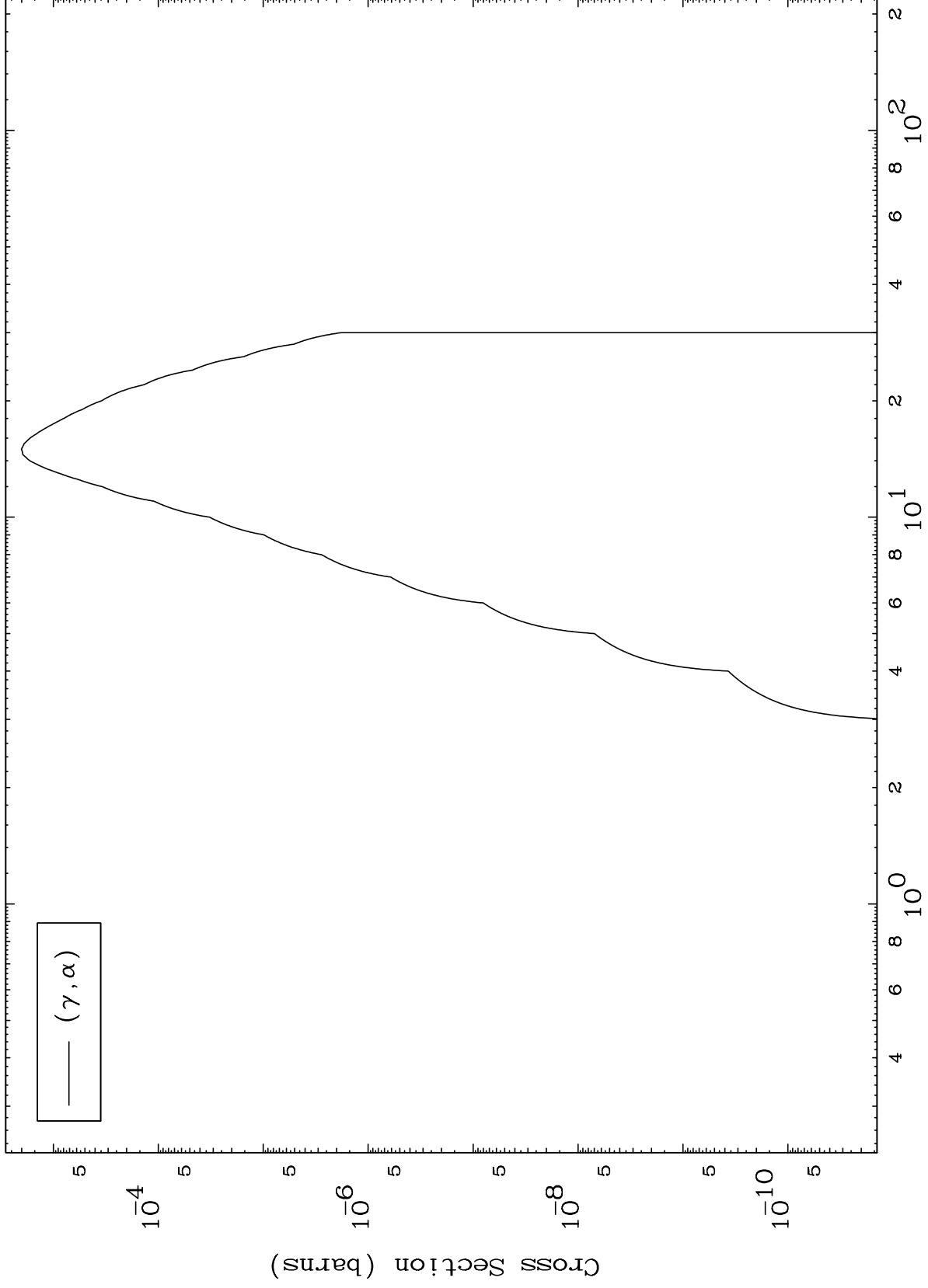
Incident Energy (MeV)

71-Lu-154

MAT 7062

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

71-Lu-154



10

Incident Energy (MeV)

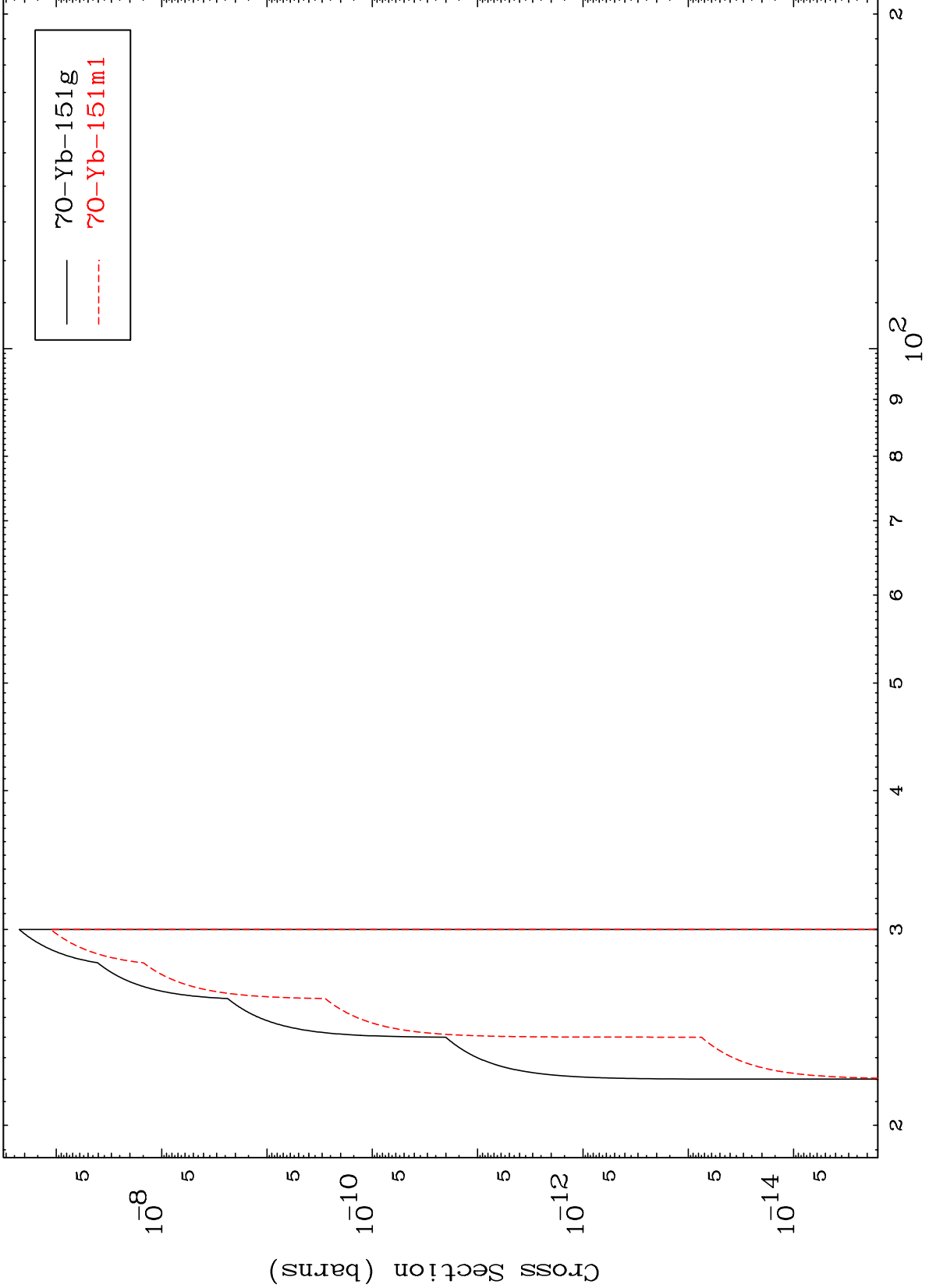
71-Lu-154

MAT 7062

( $\gamma, n'$ ) d

71-Lu-154

Radionuclide Production Cross Section



11

Incident Energy (MeV)

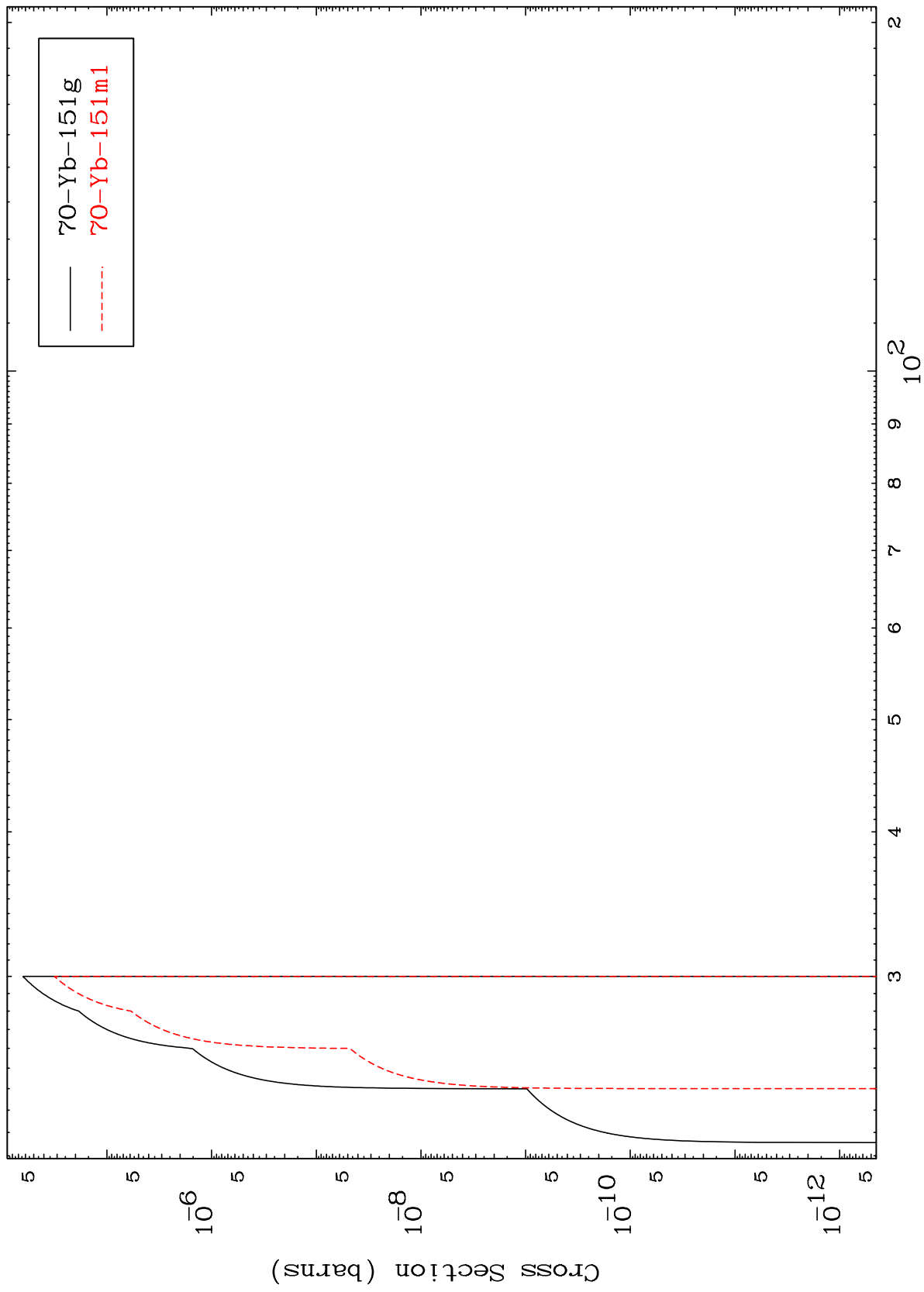
71-Lu-154

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$(\gamma, 2n)$  p

71-Lu-154

Radionuclide Production Cross Section



12

Incident Energy (MeV)

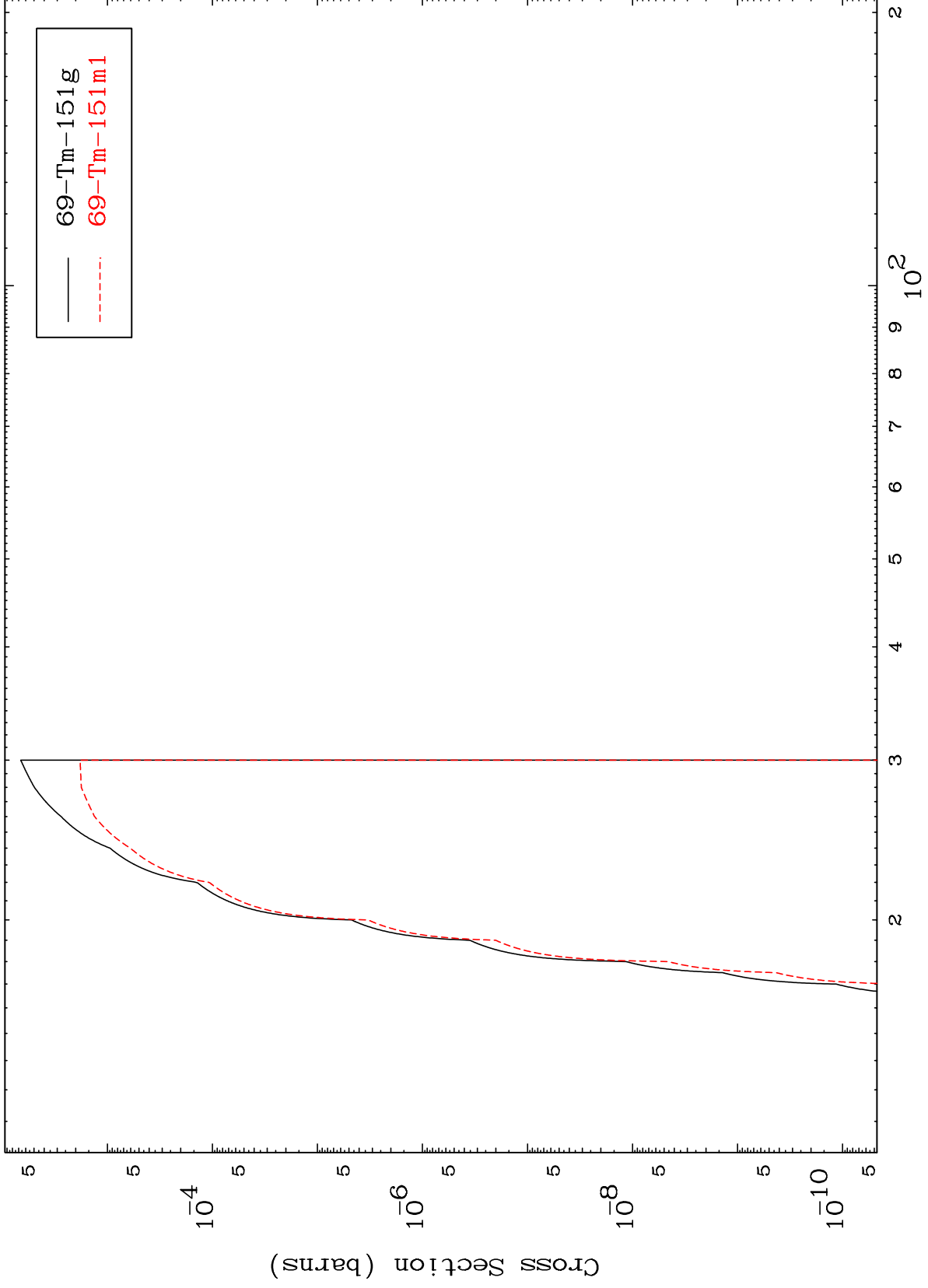
71-Lu-154

MAT 7062

( $\gamma, 2n$ ) p

71-Lu-154

Radionuclide Production Cross Section



13

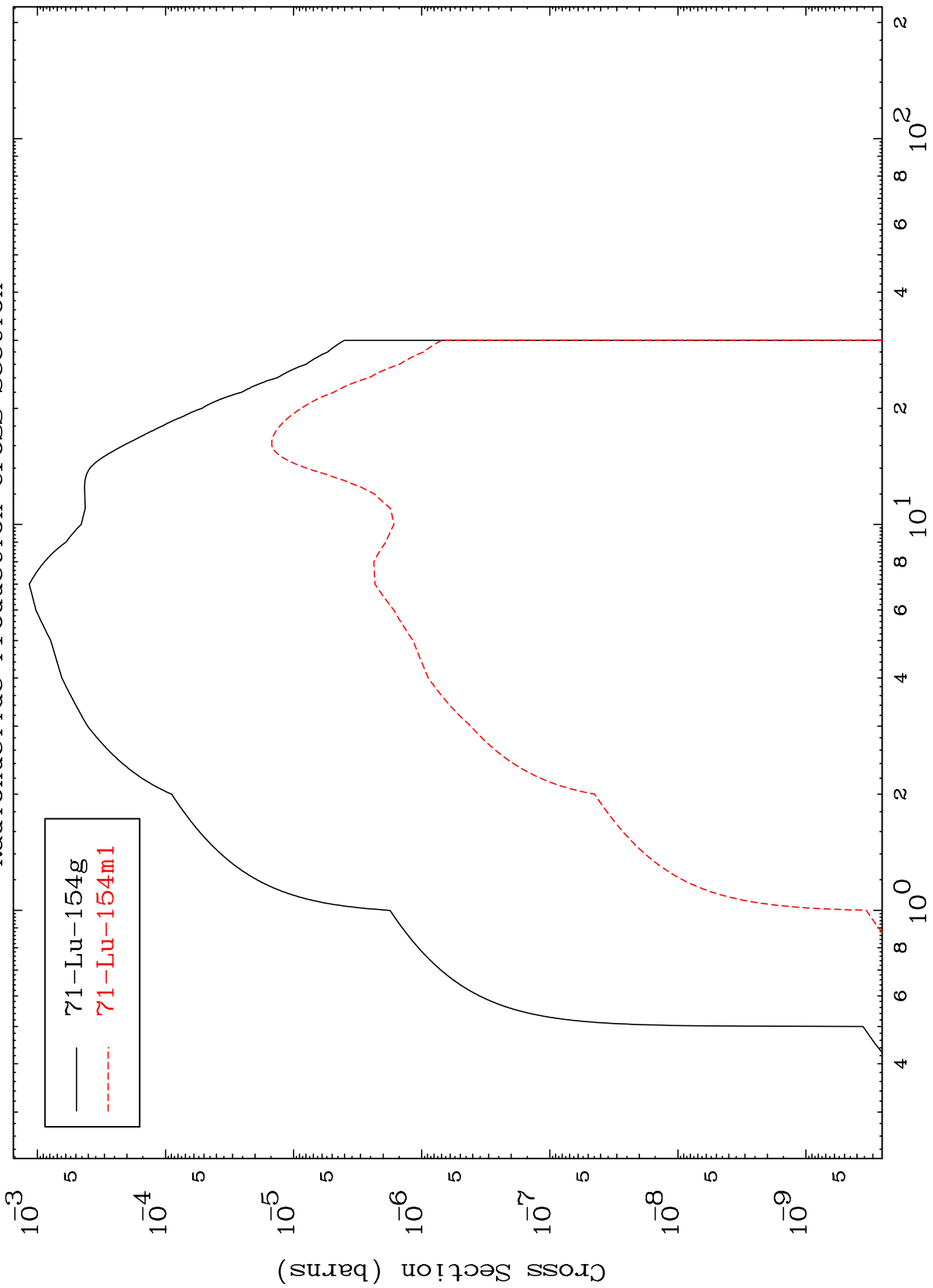
Incident Energy (MeV)

71-Lu-154

MAT 7062

<sup>71</sup>Lu-154

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



— 71-Lu-154g  
- - - 71-Lu-154m1

<sup>71</sup>Lu-154

Incident Energy (MeV)

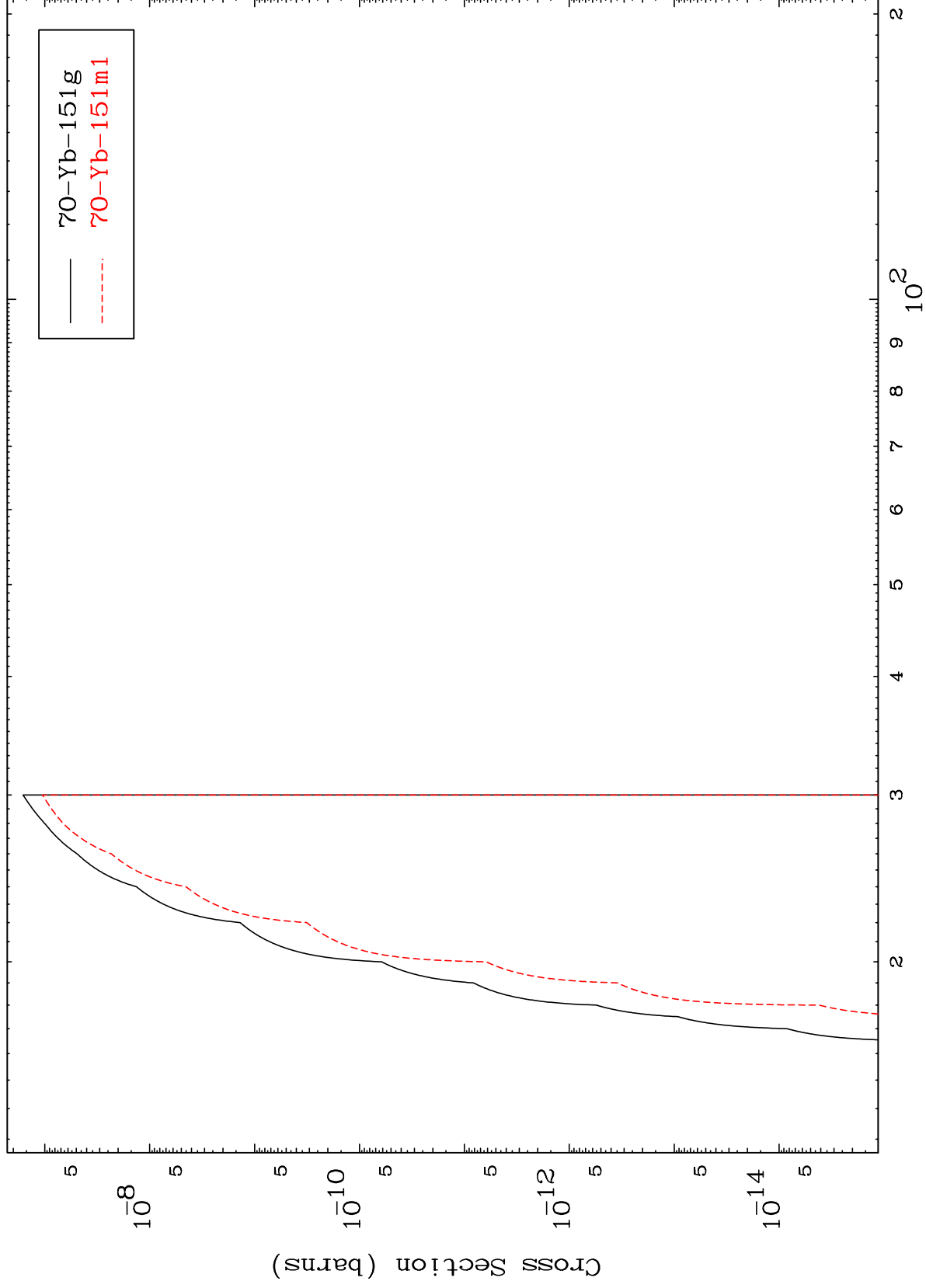
14

MAT 7062

( $\gamma, t$ )

71-Lu-154

Radionuclide Production Cross Section



15

Incident Energy (MeV)

71-Lu-154

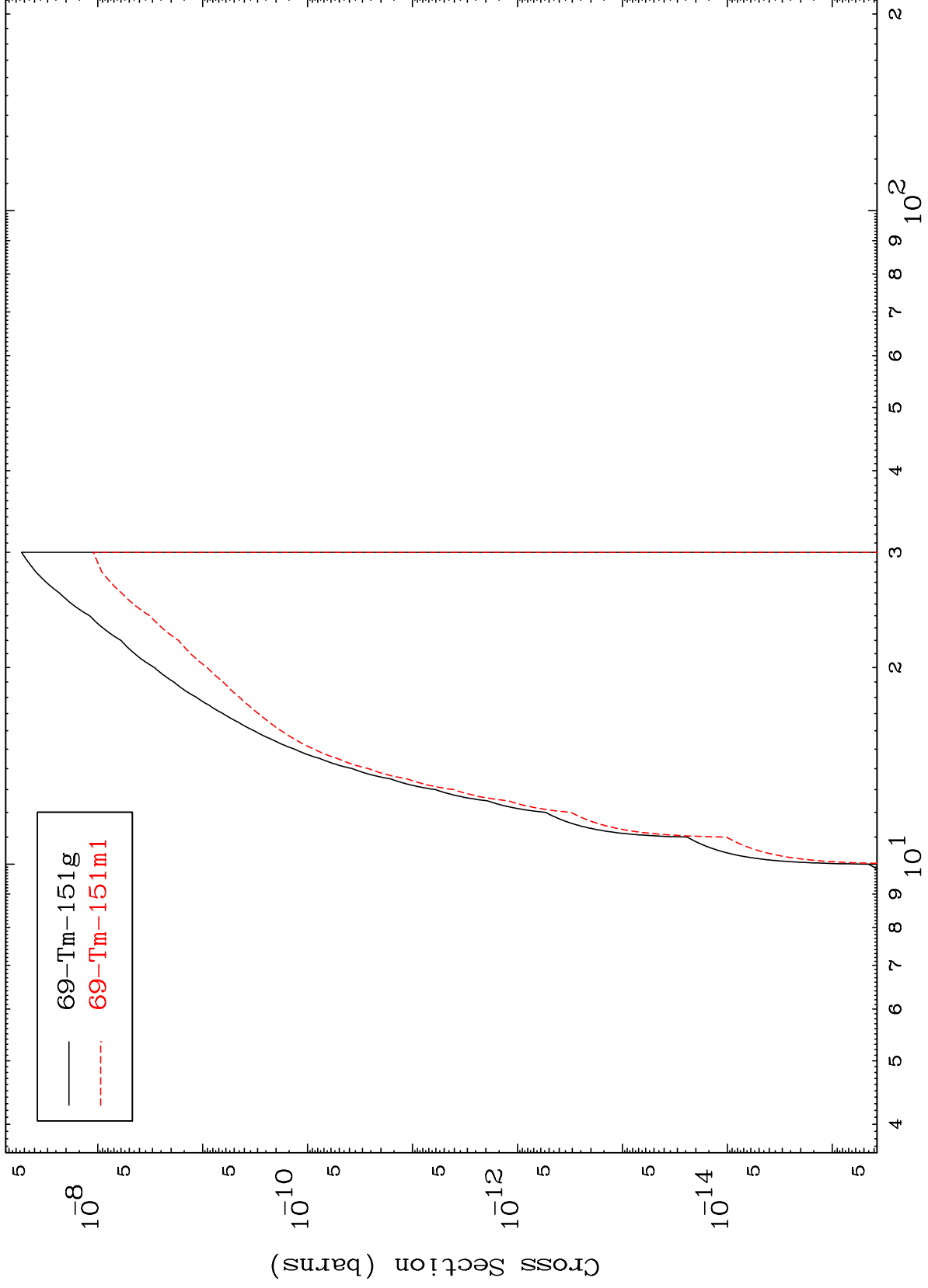


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( $\gamma, \text{He-3}$ )

71-Lu-154

Radionuclide Production Cross Section



16

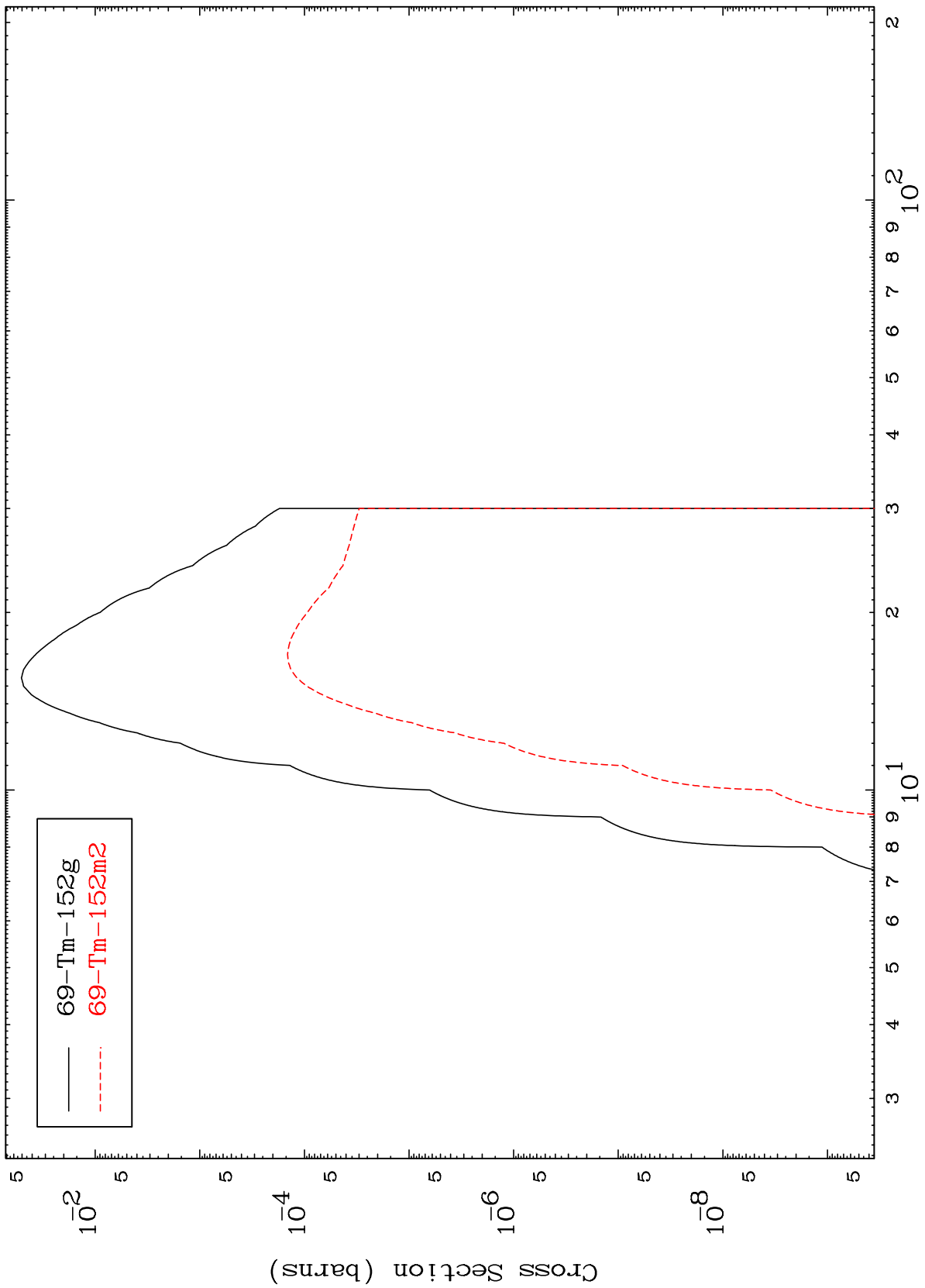
Incident Energy (MeV)

71-Lu-154

MAT 7062

71-Lu-154

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



— 69-Tm-152g  
- - - 69-Tm-152m2

17

Incident Energy (MeV)

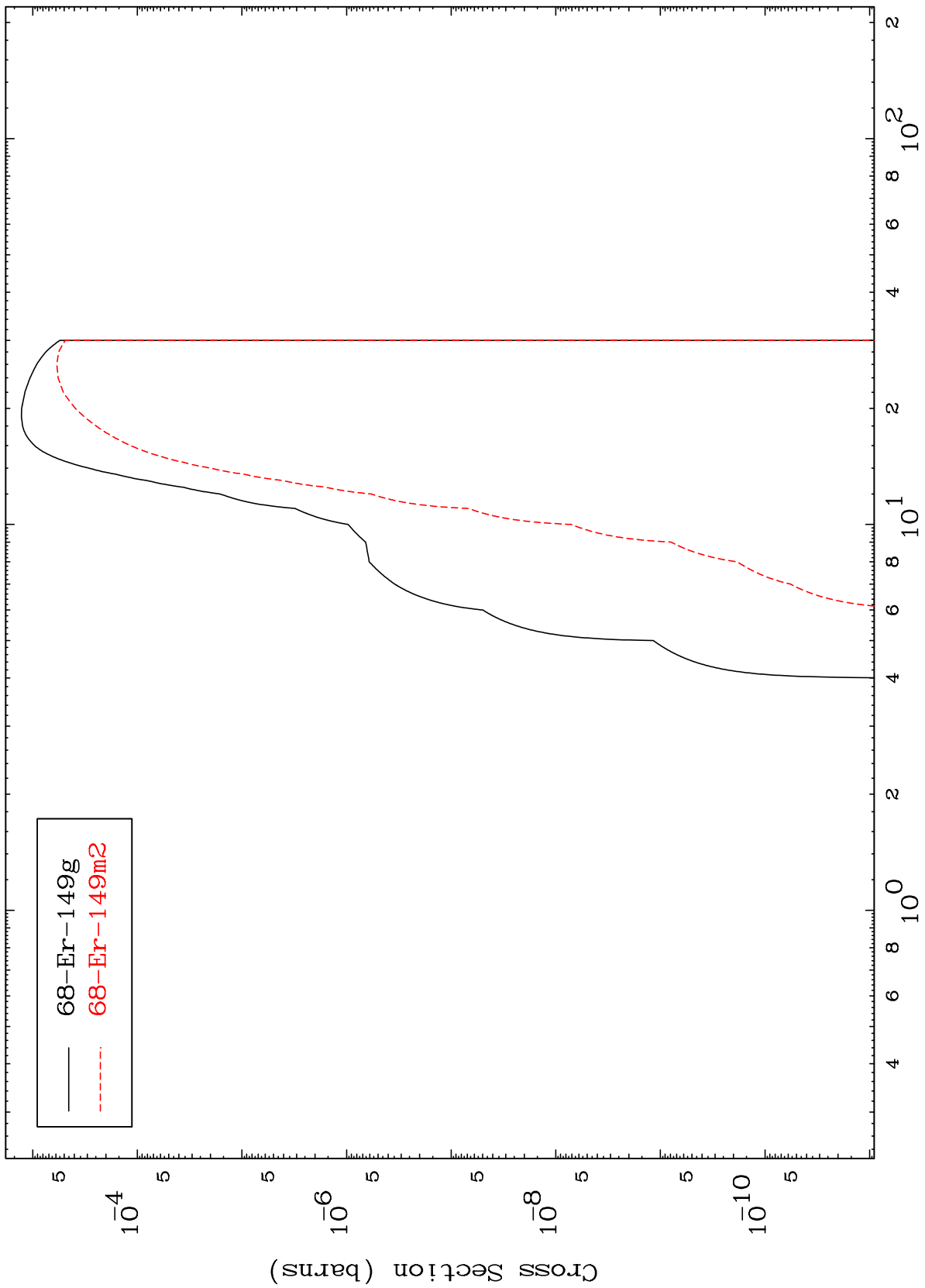
71-Lu-154

MAT 7062

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

71-Lu-154

Radionuclide Production Cross Section



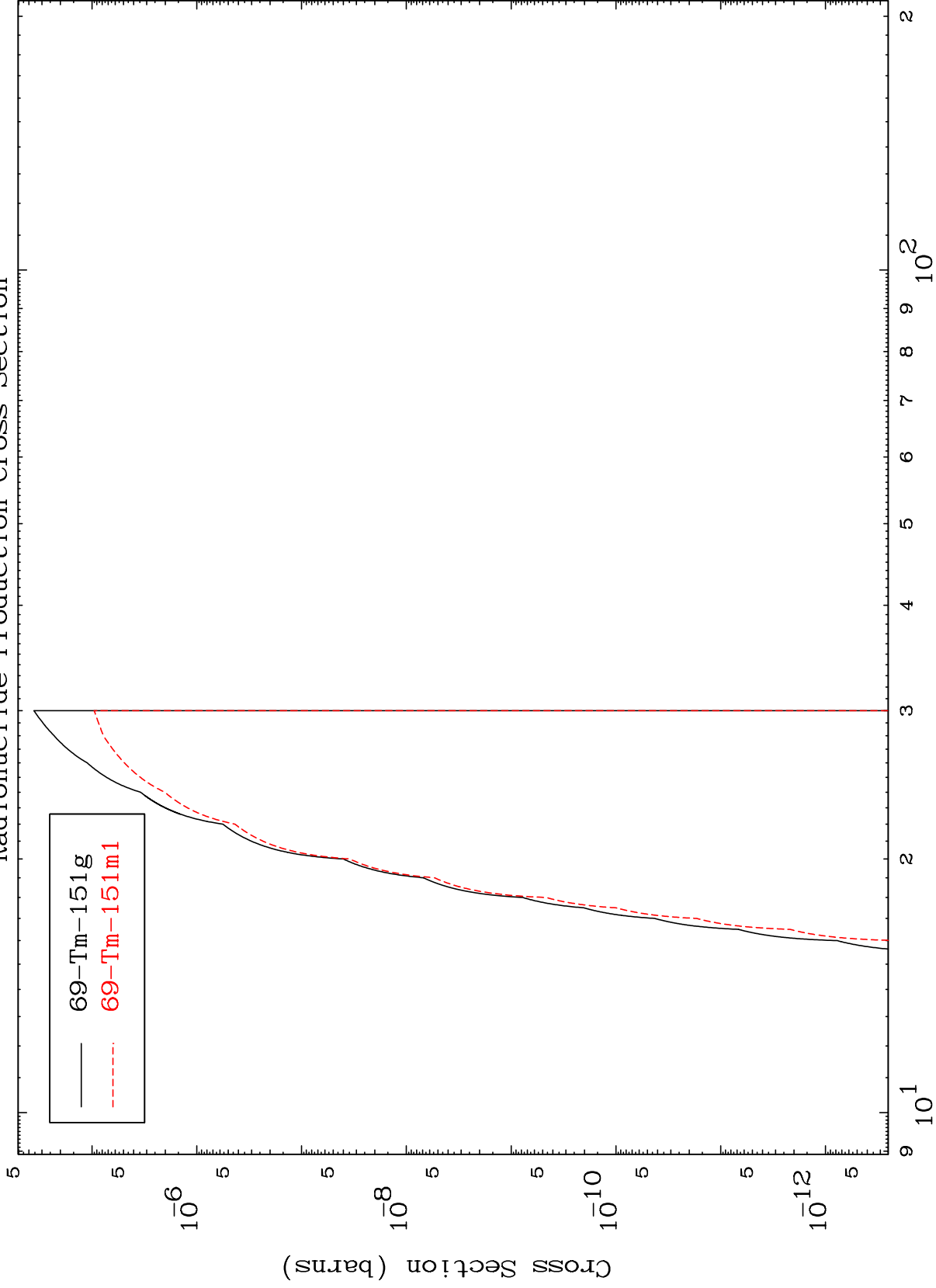
68-Er-149g  
68-Er-149m2

MAT 7062

( $\gamma, p$ ) d

71-Lu-154

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-154