

Program EVALPLOT  
(Version 2018-1)

by

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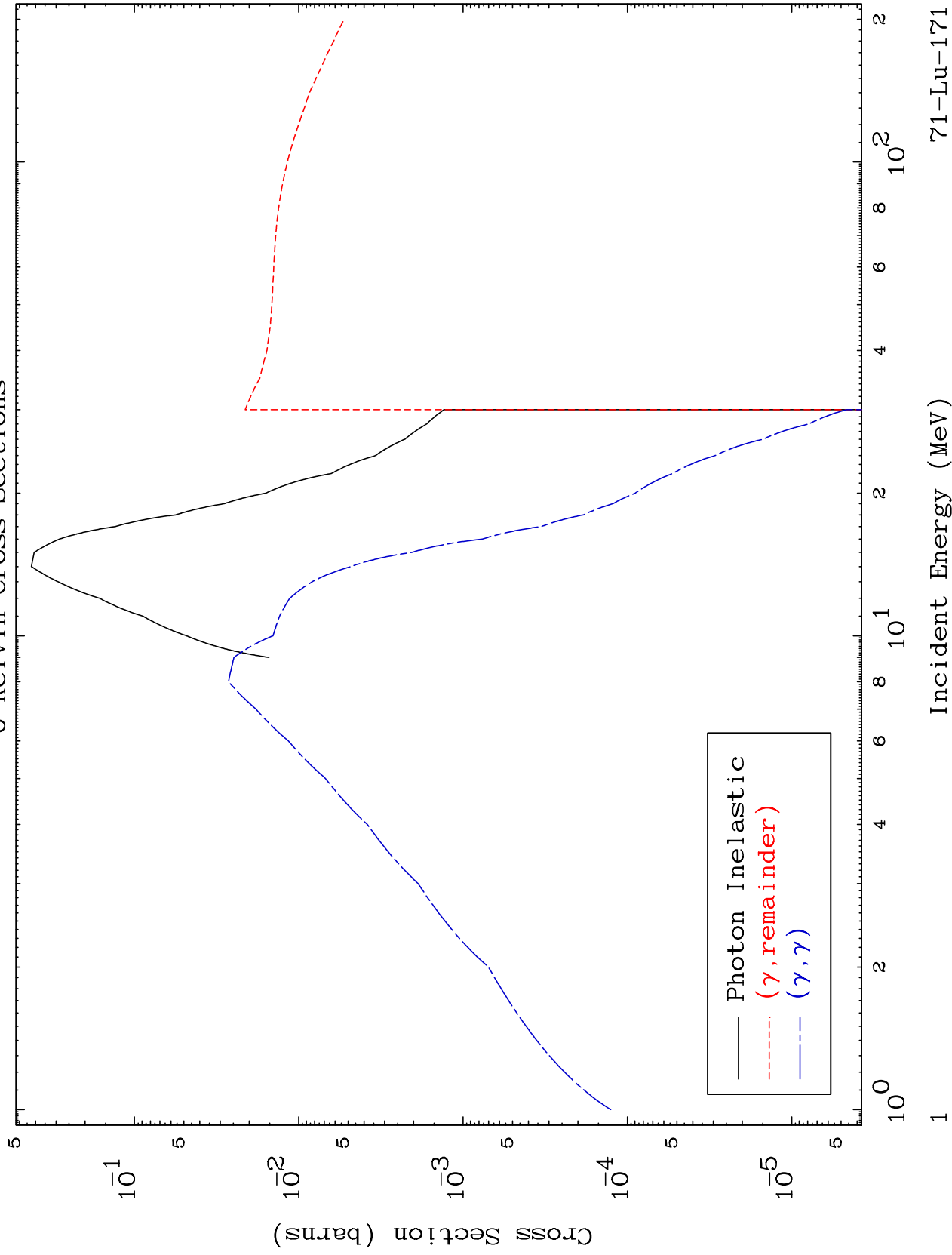
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

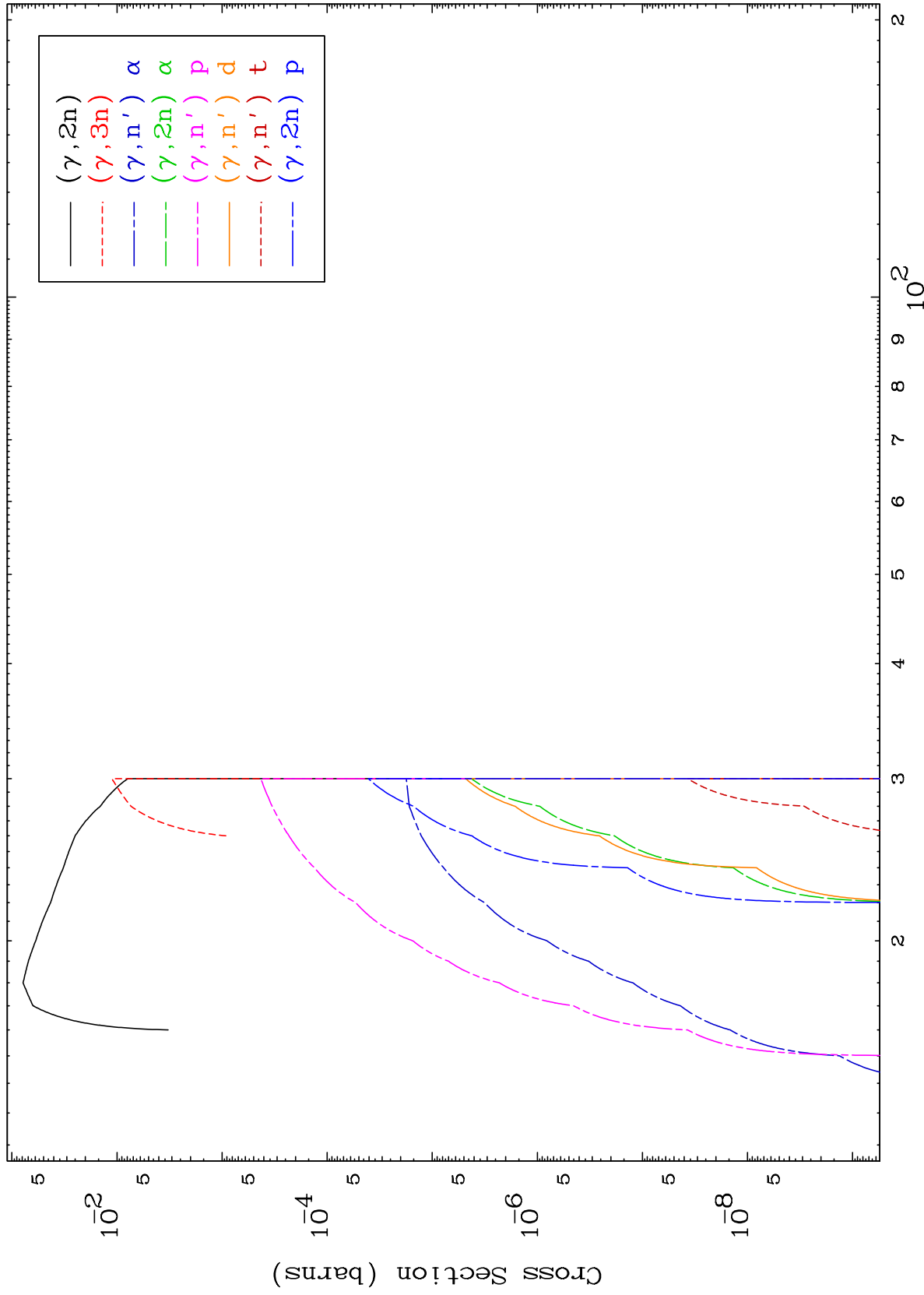
Press Mouse Button to Start

MAT 7113

Photon Major  
0 Kelvin Cross Sections

71-Lu-171

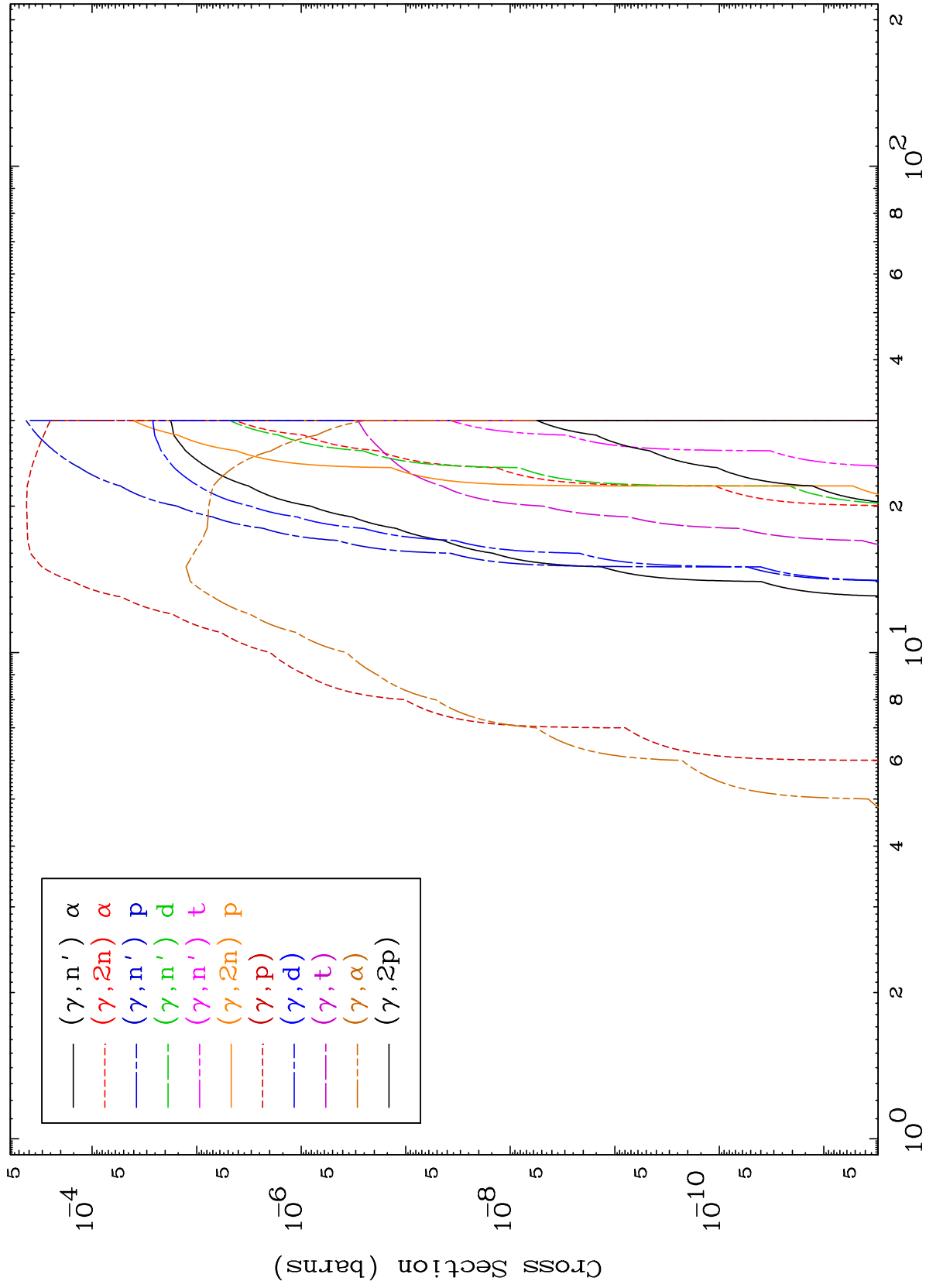




MAT 7113

Photon Charged Particle  
0 Kelvin Cross Sections

71-Lu-171



71-Lu-171

Incident Energy (MeV)

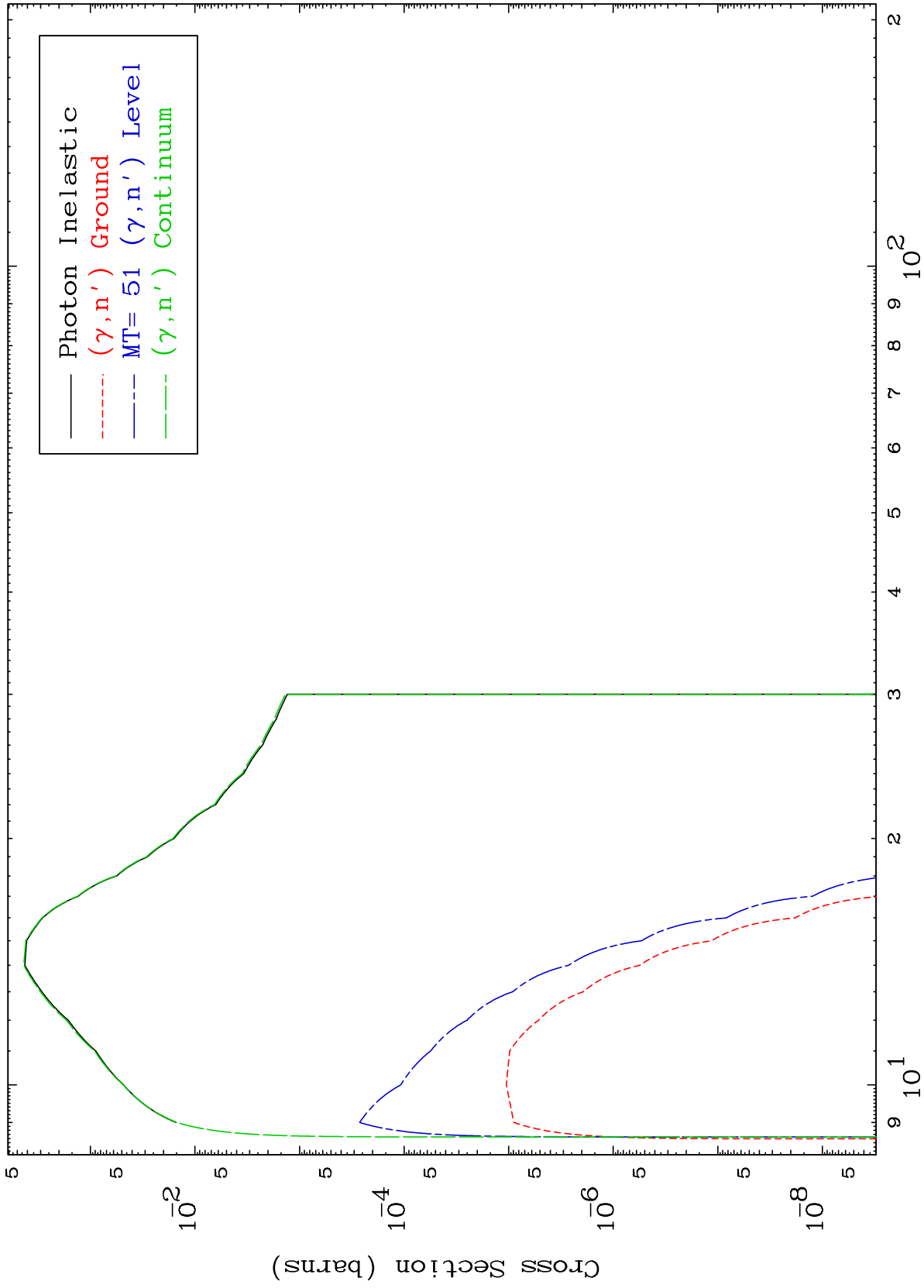
3

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$(\gamma, n')$  Level

71-Lu-171

0 Kelvin Cross Sections



4

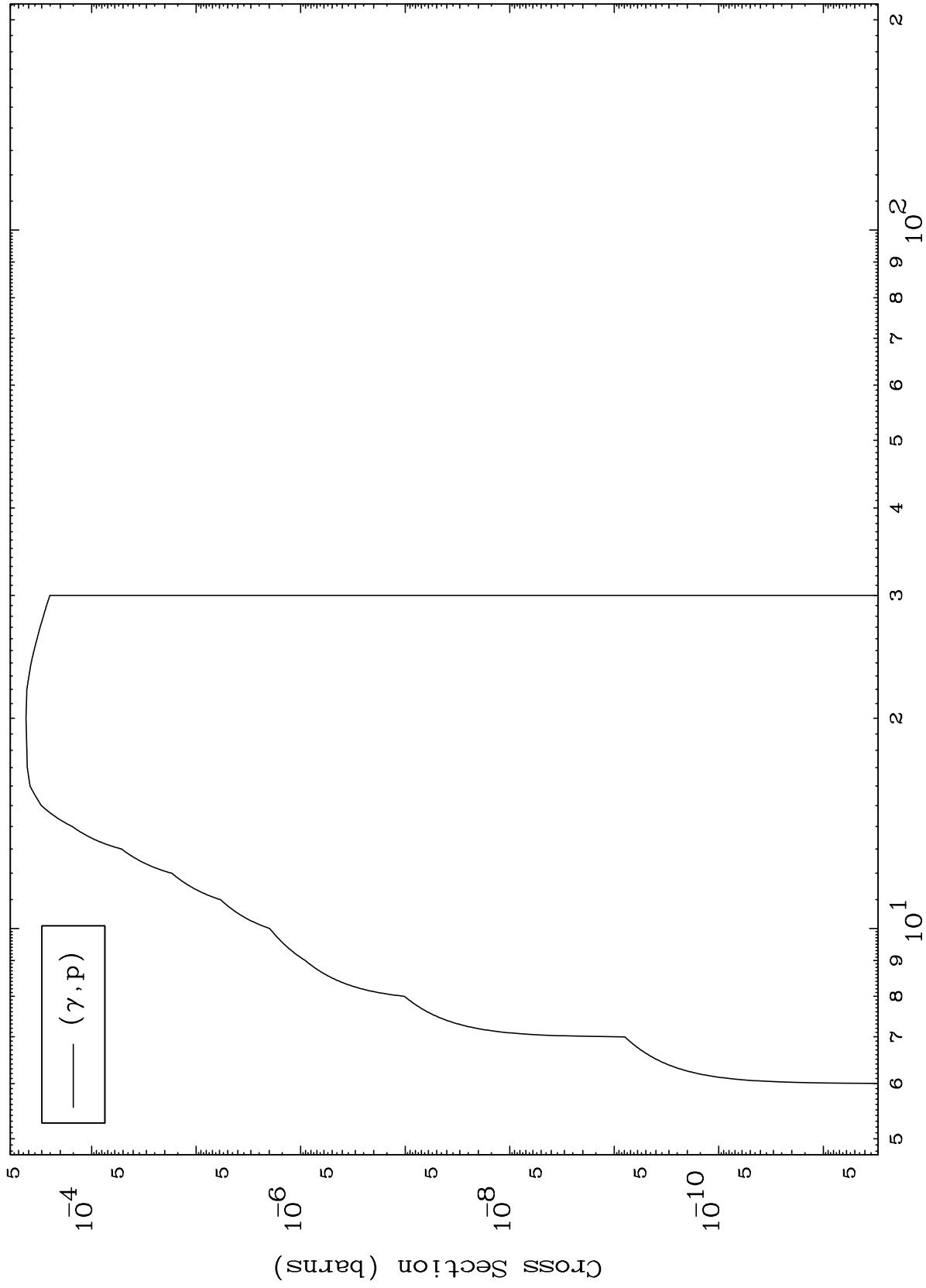
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

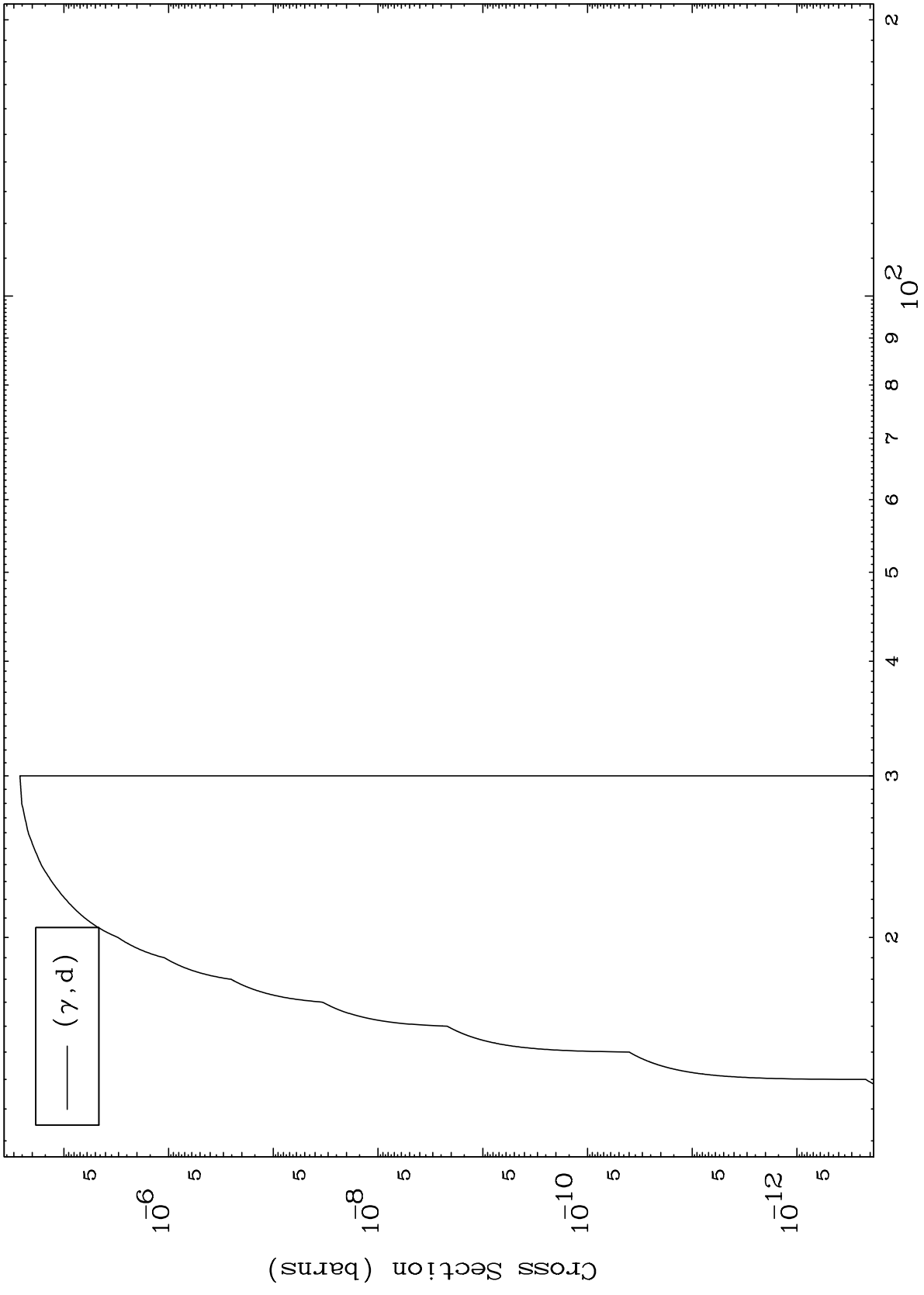
71-Lu-171



5

Incident Energy (MeV)

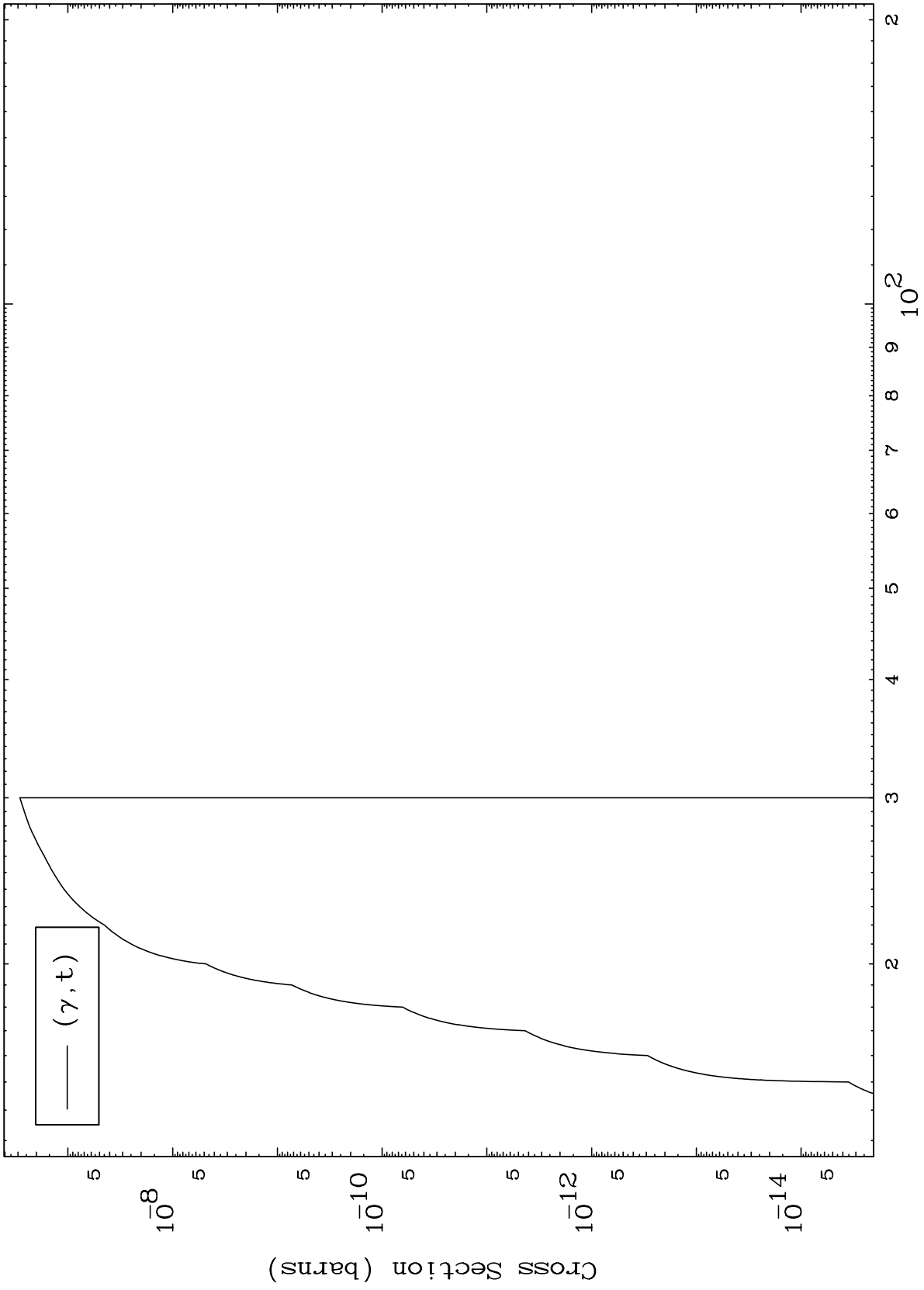
71-Lu-171



MAT 7113

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

71-Lu-171



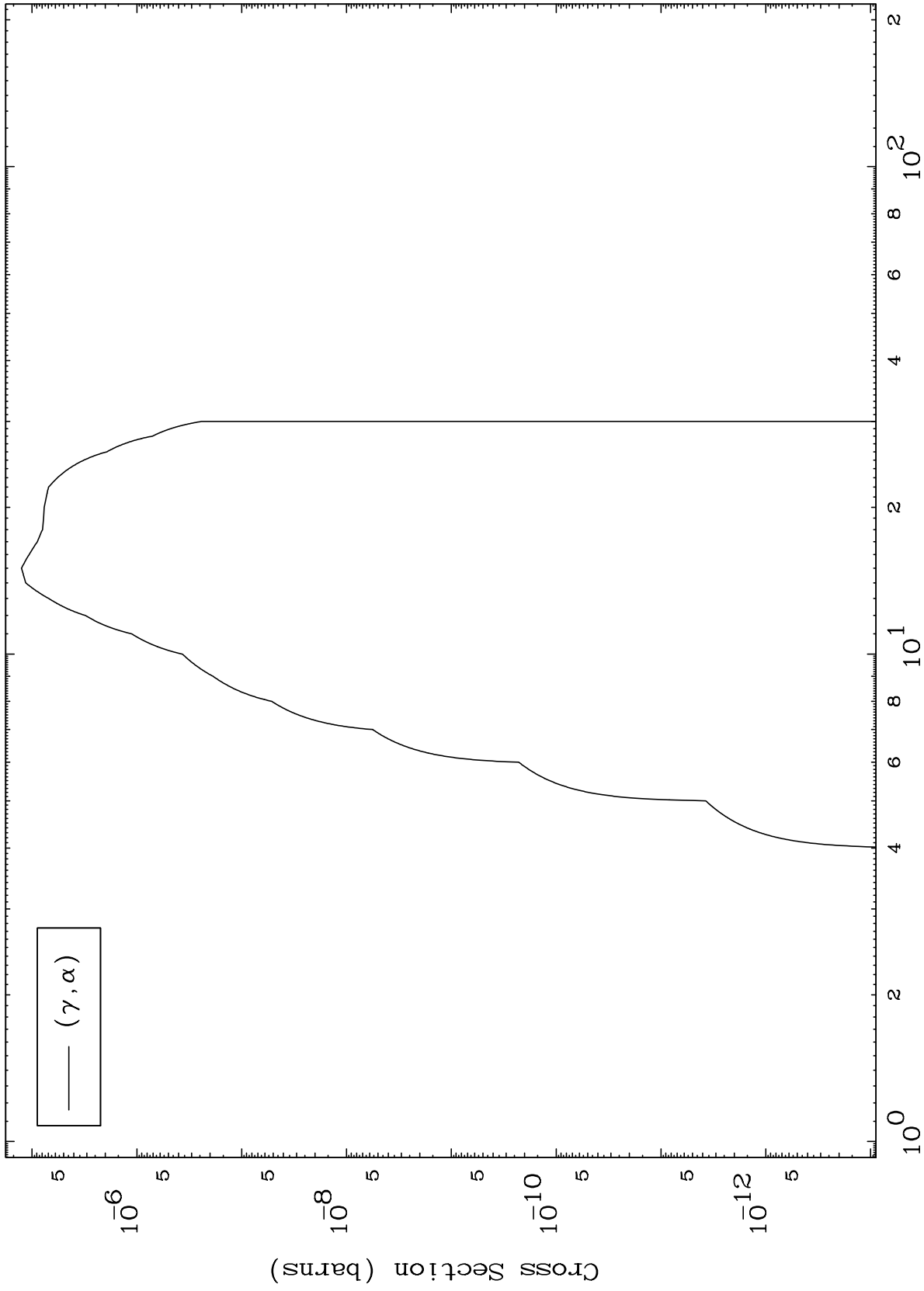
7



MAT 7113

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

71-Lu-171



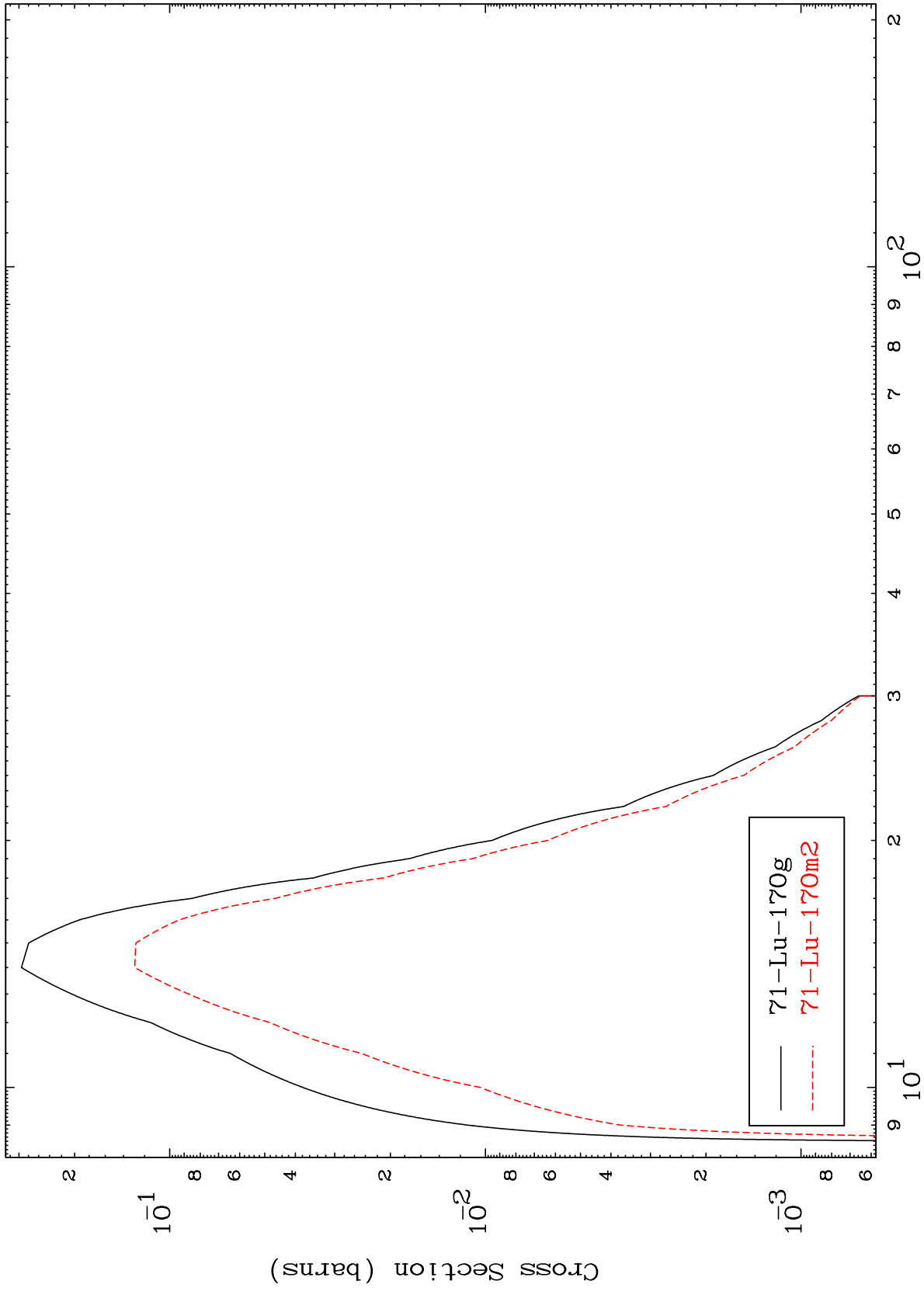
Incident Energy (MeV)

71-Lu-171

MAT 7113

71-Lu-171

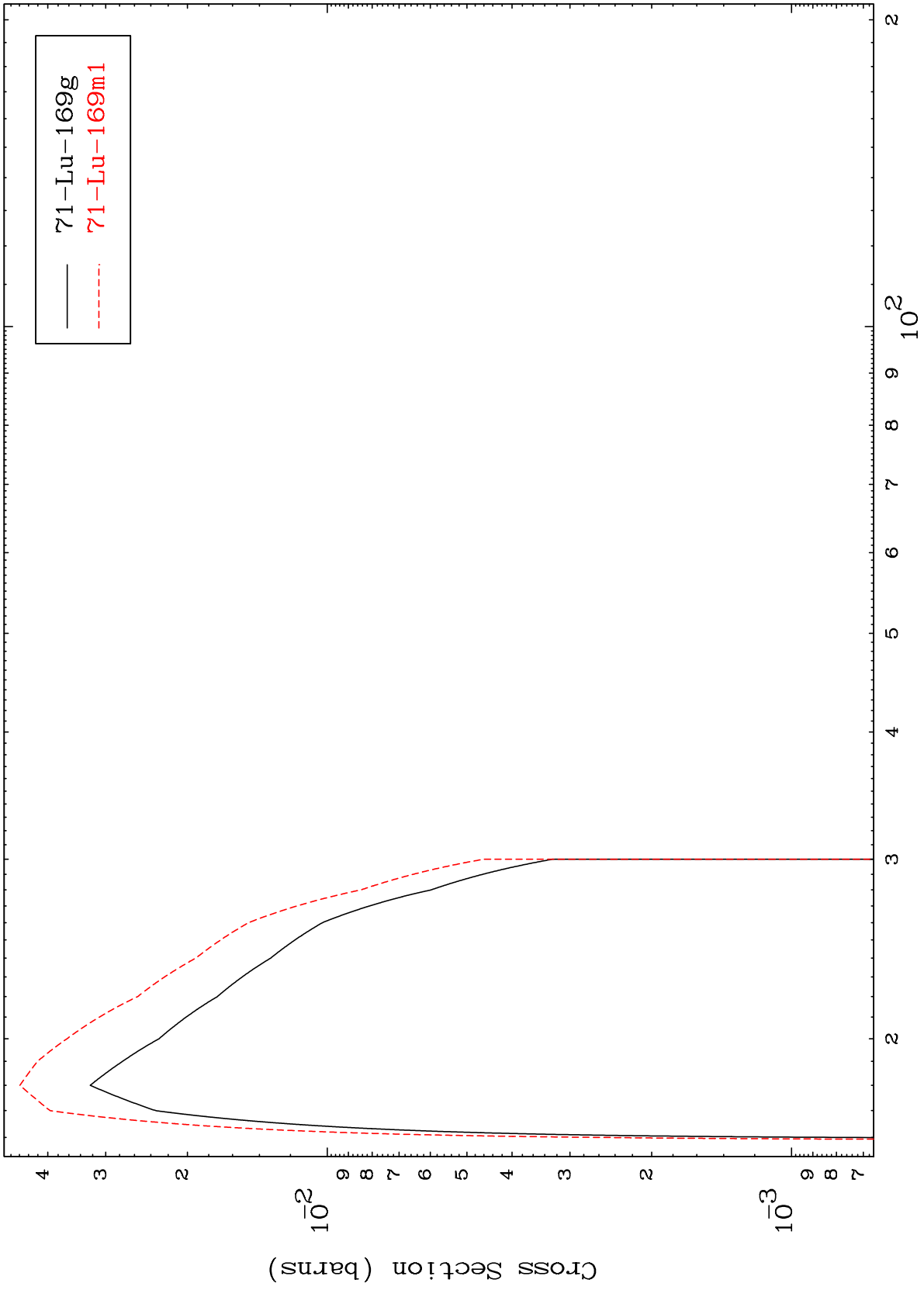
Photon Inelastic  
Radionuclide Production Cross Section



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71-Lu-171

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



10

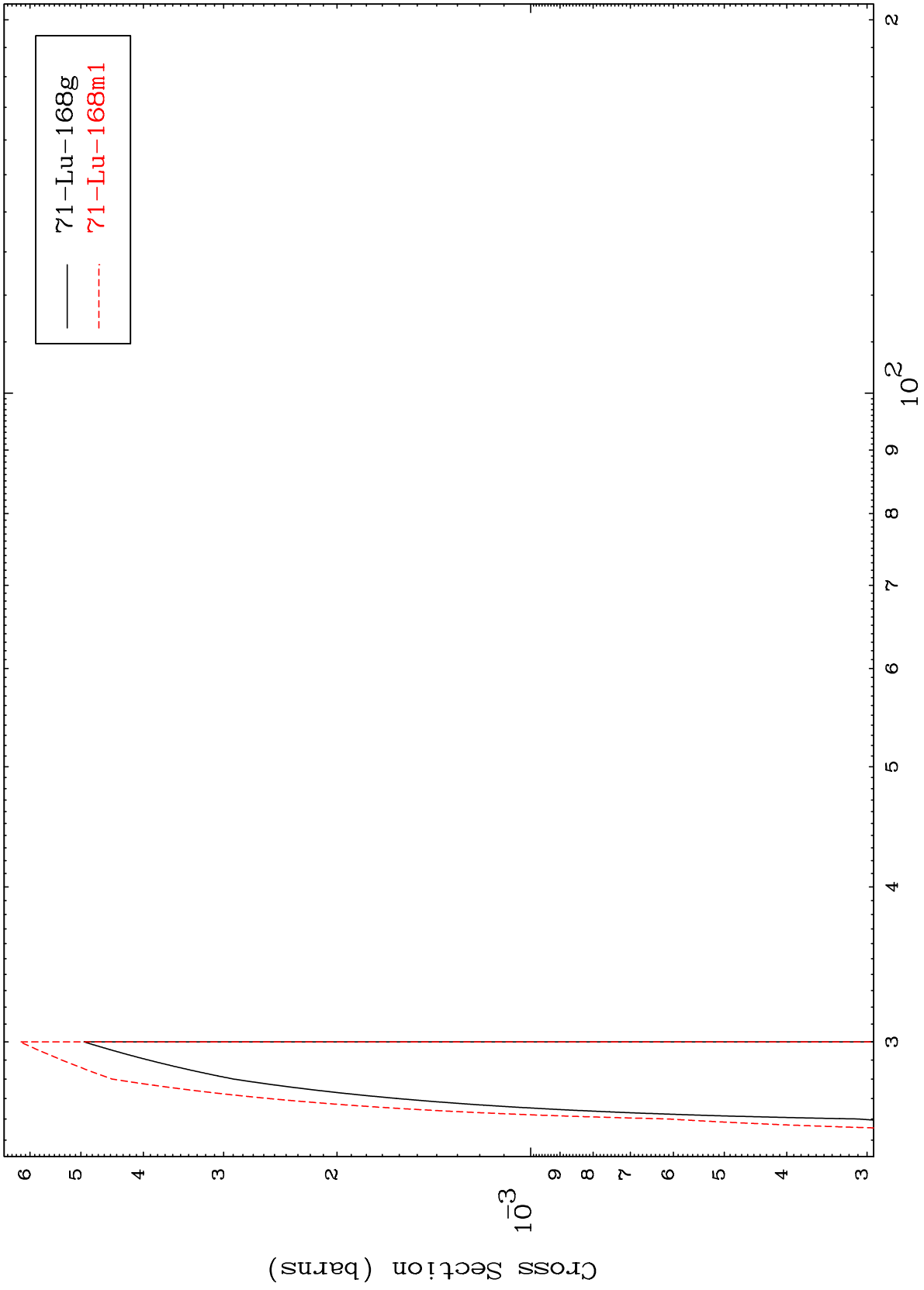
Incident Energy (MeV)

71-Lu-171

MAT 7113

<sup>71</sup>Lu-171

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



11

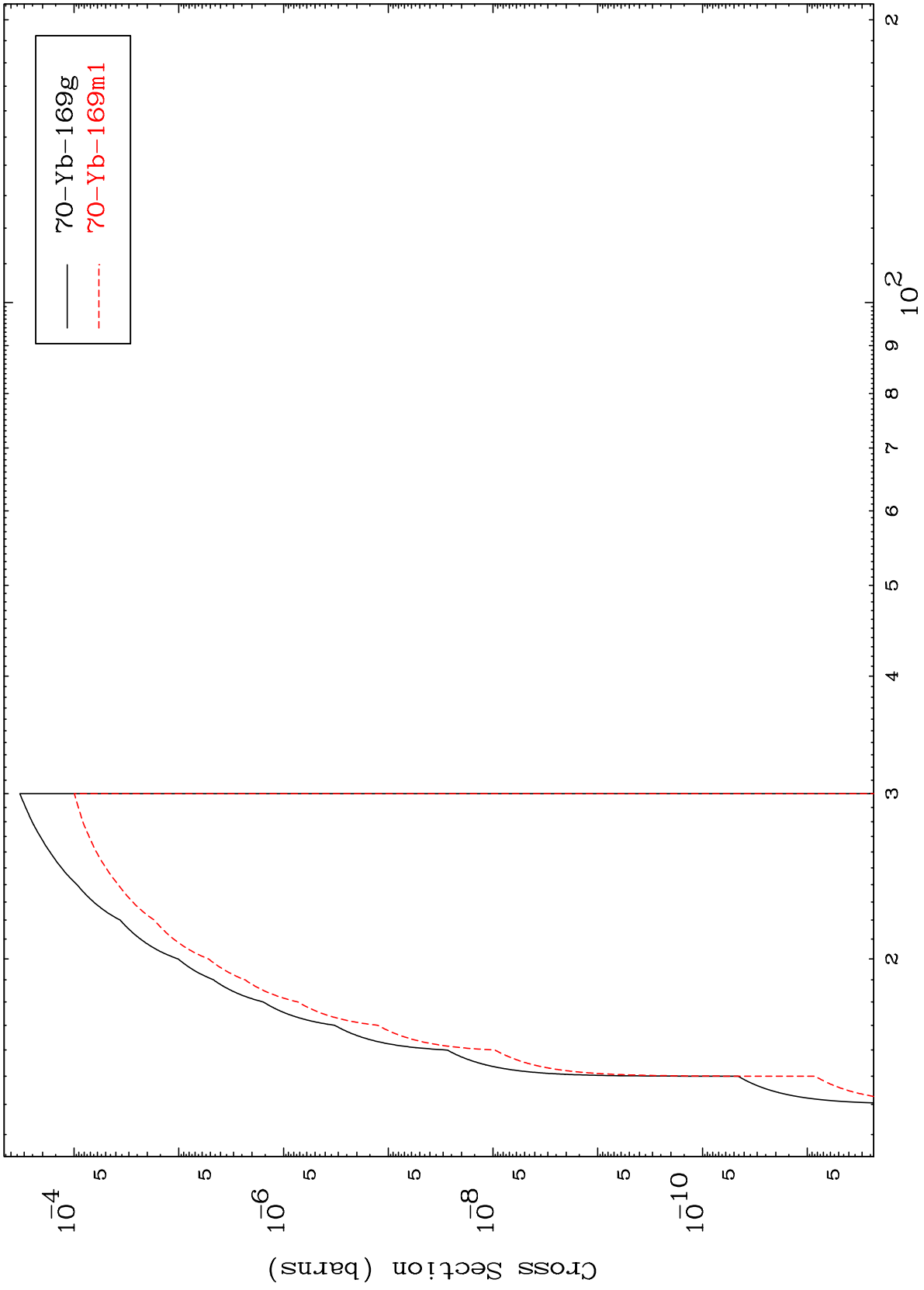
<sup>71</sup>Lu-171

MAT 7113

( $\gamma, n'$ ) p

71-Lu-171

Radionuclide Production Cross Section



12

Incident Energy (MeV)

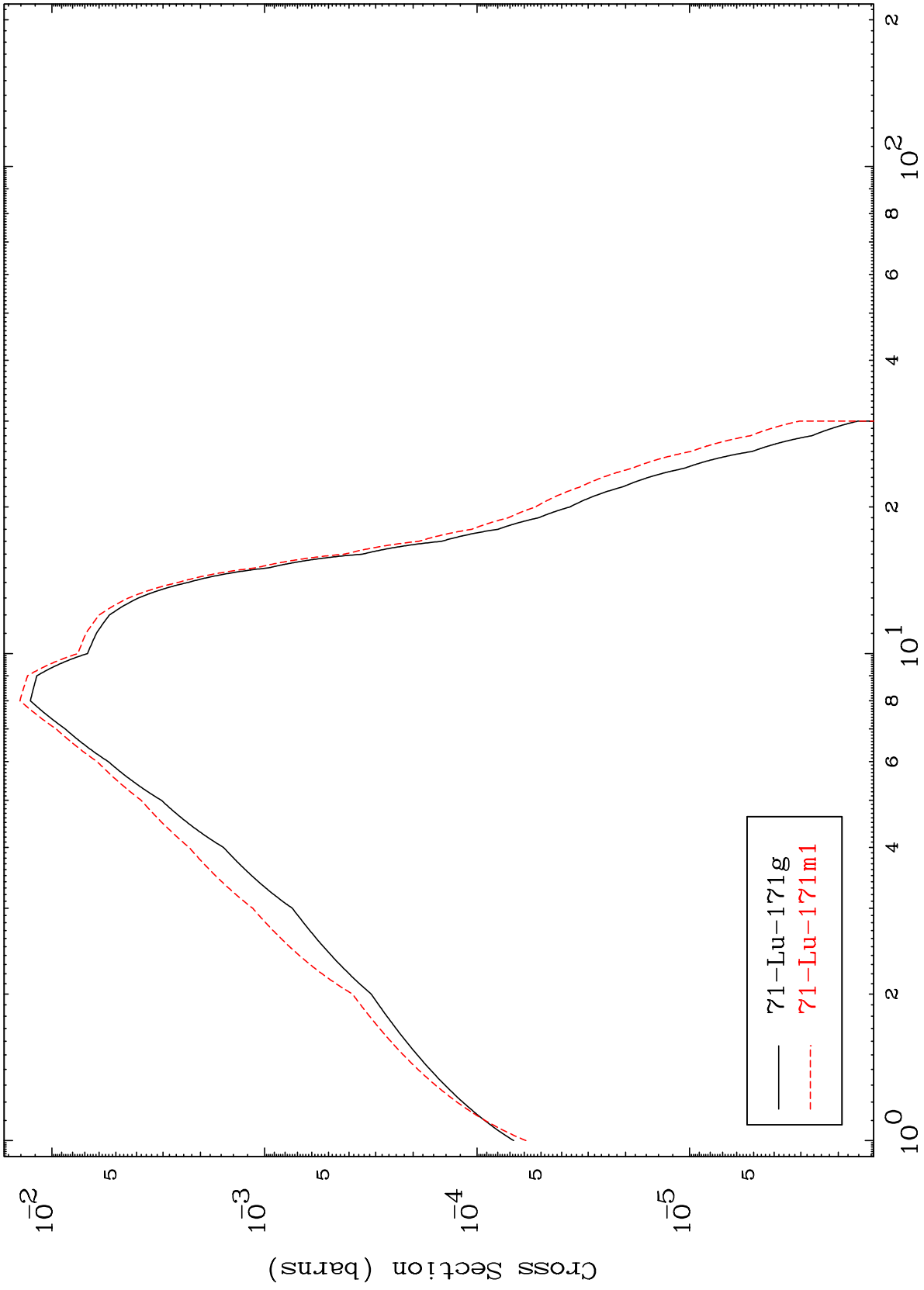
71-Lu-171

MAT 7113

<sup>71</sup>Lu-171

Radionuclide Production Cross Section

( $\gamma, \gamma$ )



— 71-Lu-171g  
- - - 71-Lu-171m1

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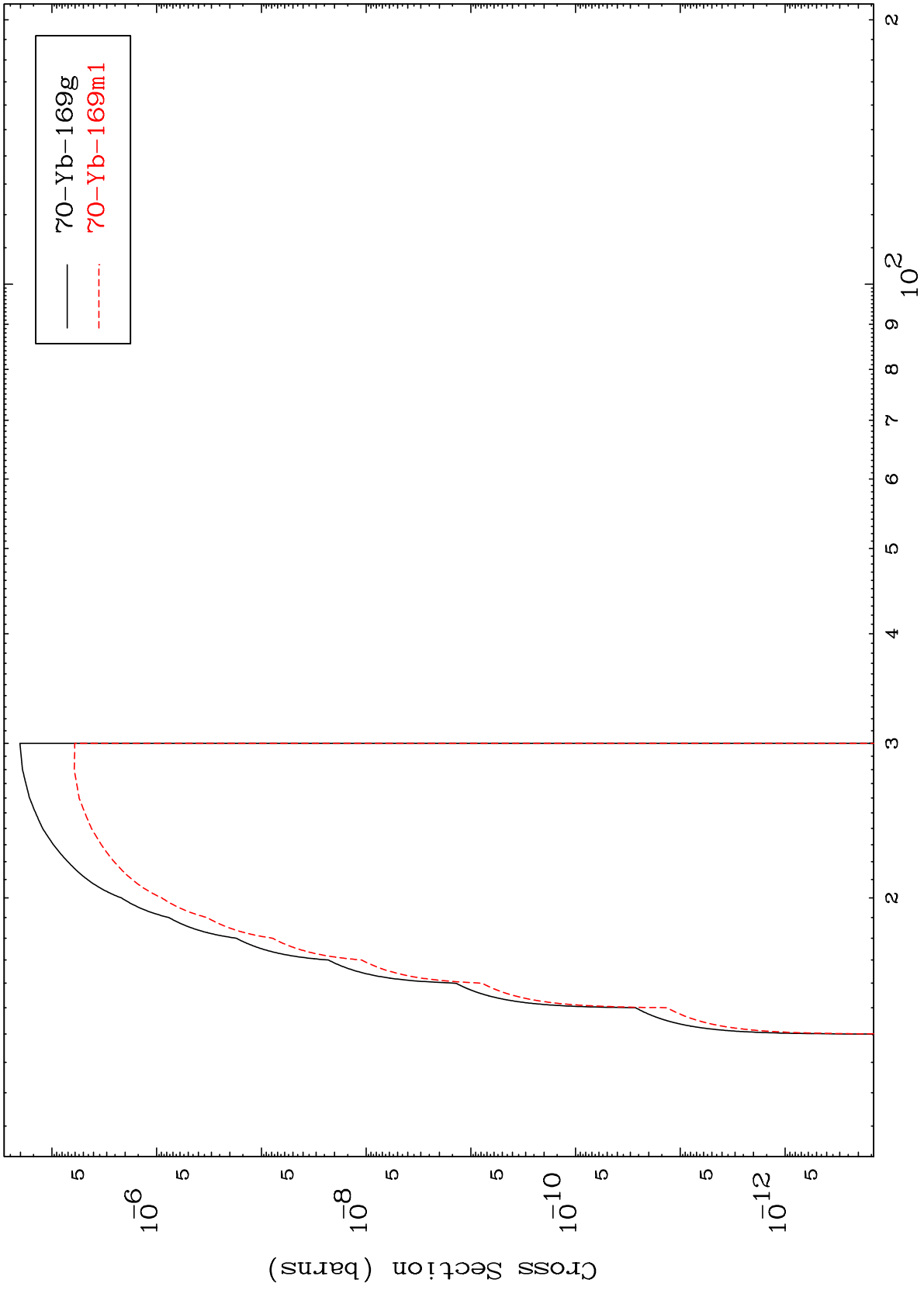
Incident Energy (MeV)

<sup>71</sup>Lu-171

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71-Lu-171

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



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71-Lu-171