

Program EVALPLOT  
(Version 2021-1)

by

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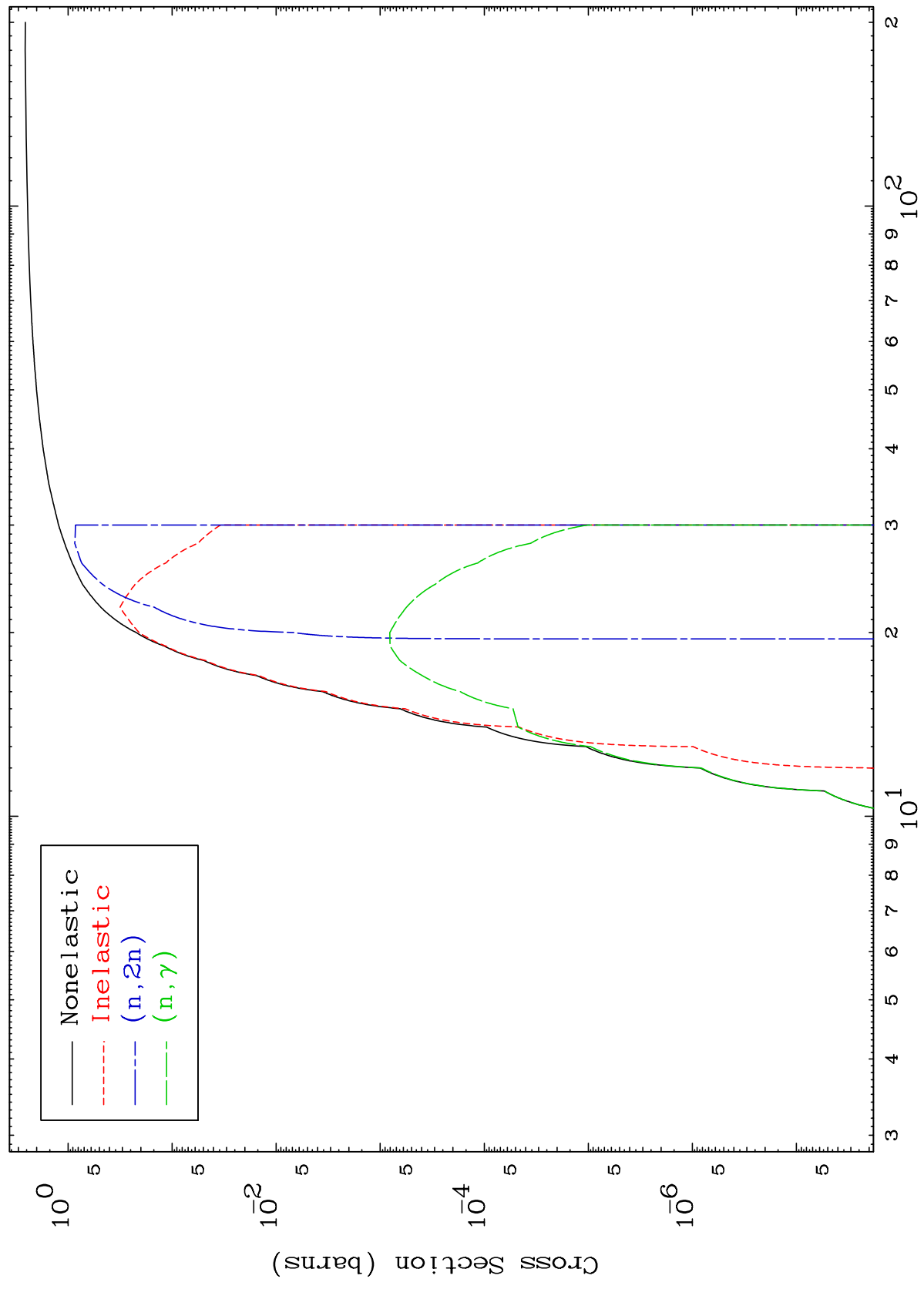
Press Mouse Button to Start

MAT 7114

0 Kelvin

$\alpha$  Major Cross Sections

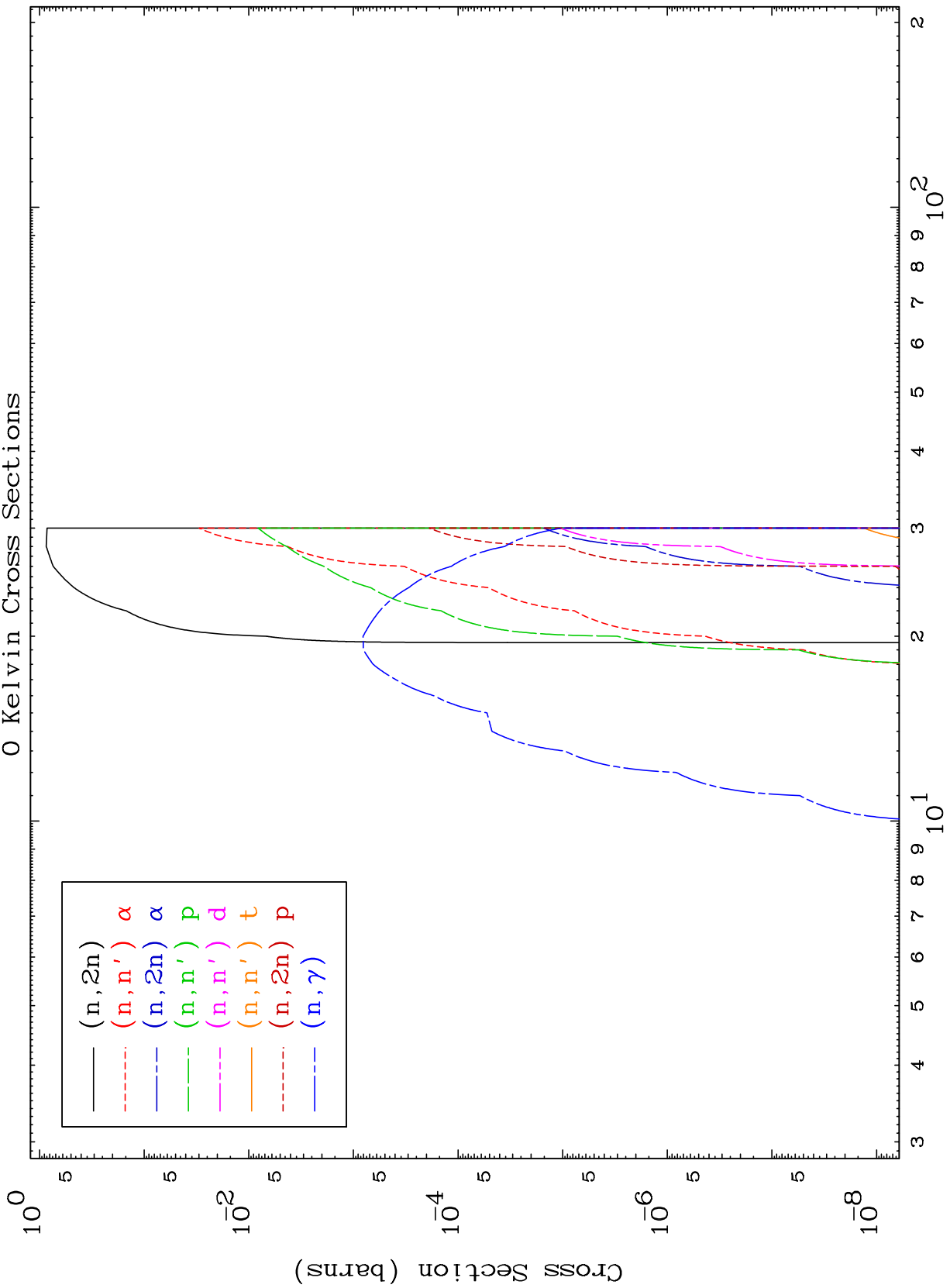
71-Lu-171m



MAT 7114

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

71-Lu-171m



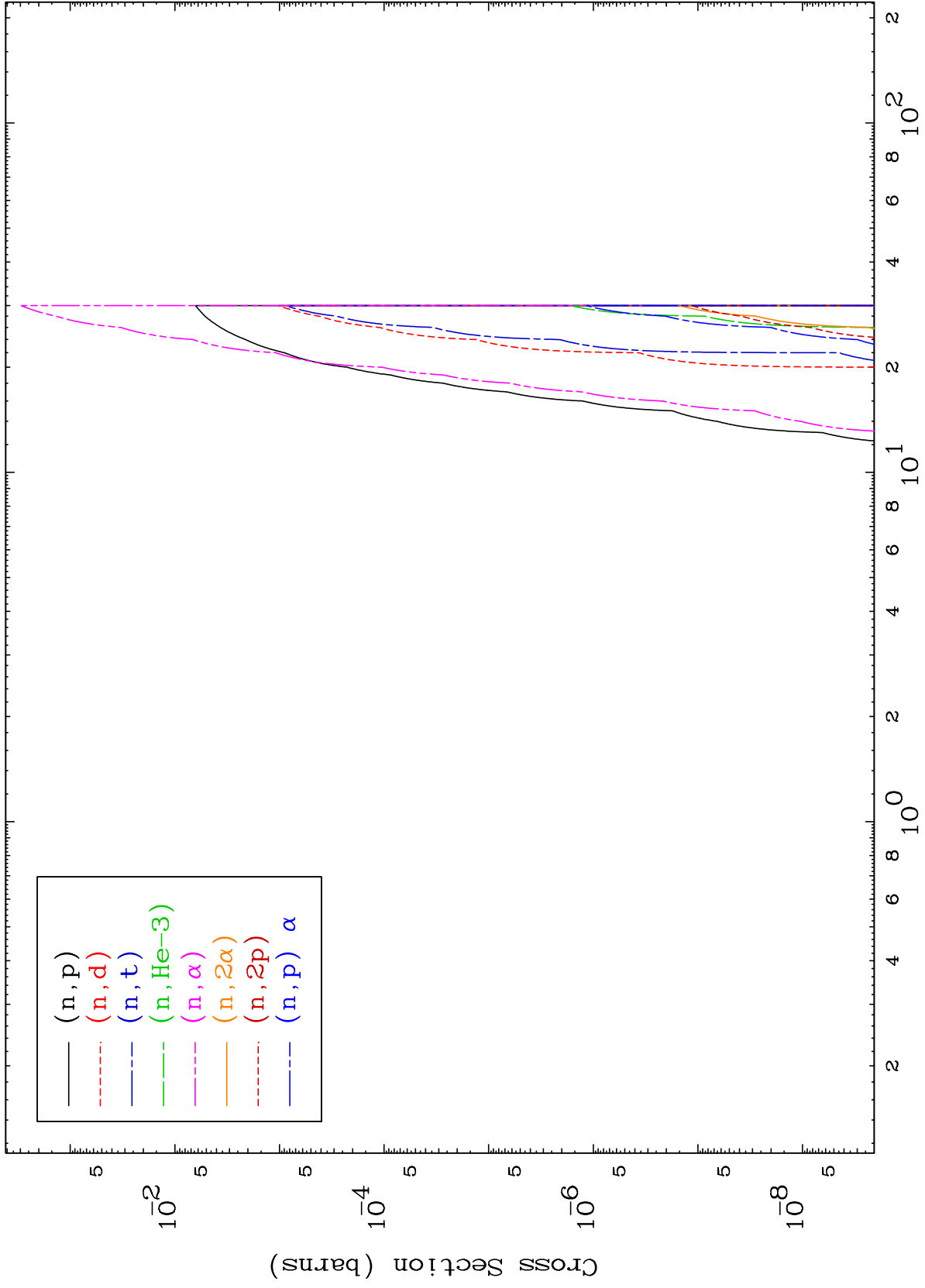
Incident Energy (MeV)

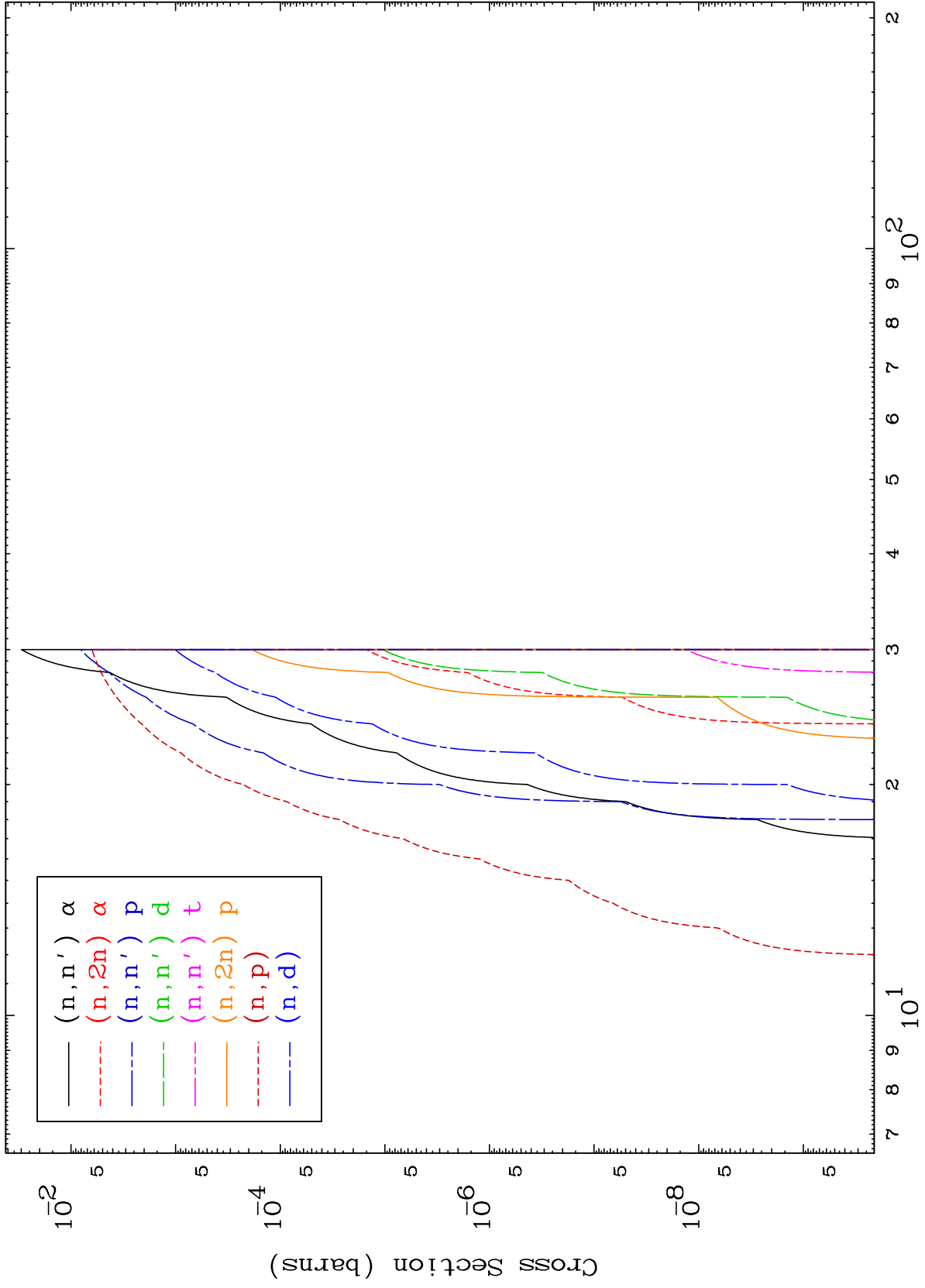
71-Lu-171m

MAT 7114

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

71-Lu-171m

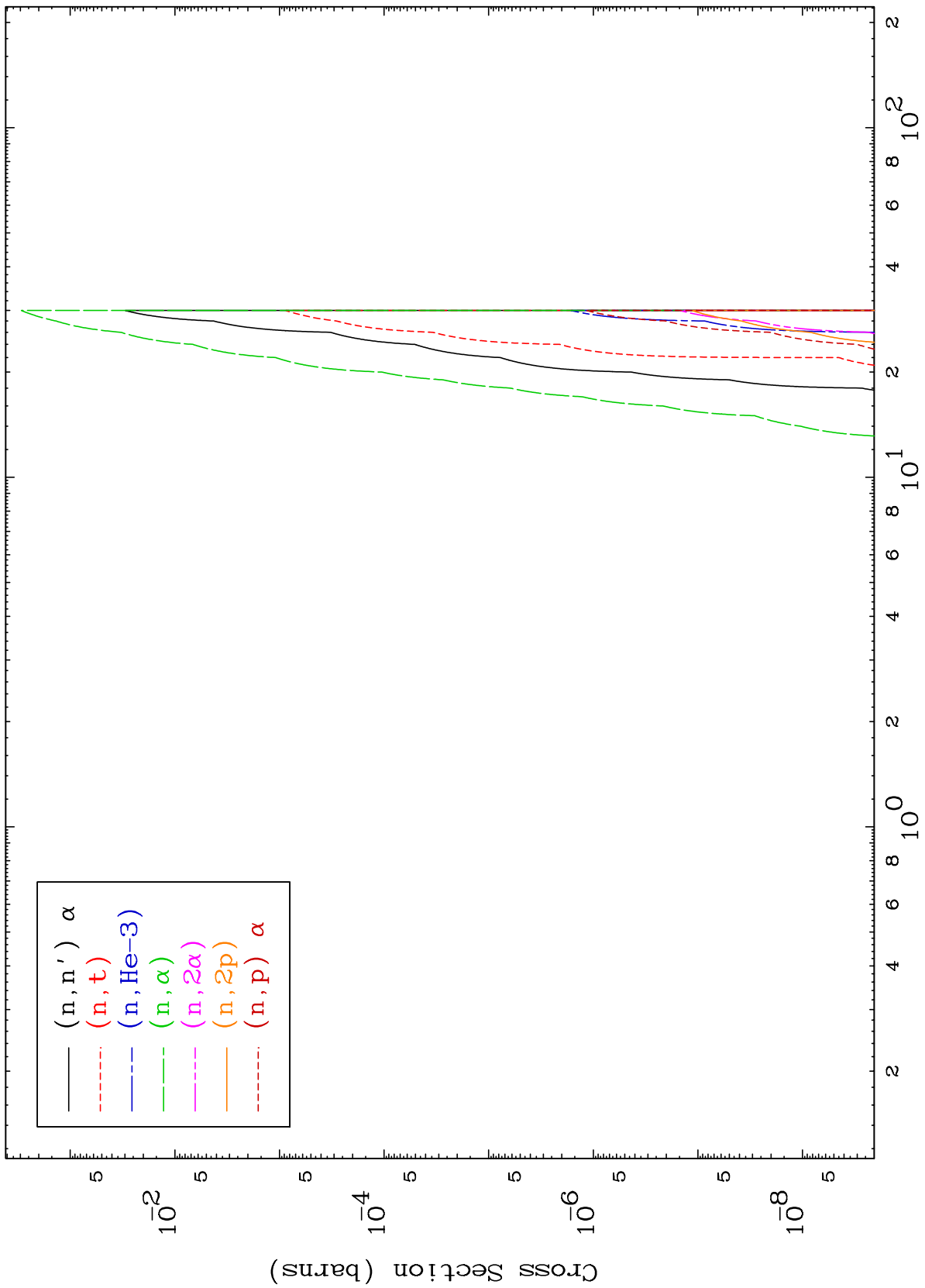




MAT 7114

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

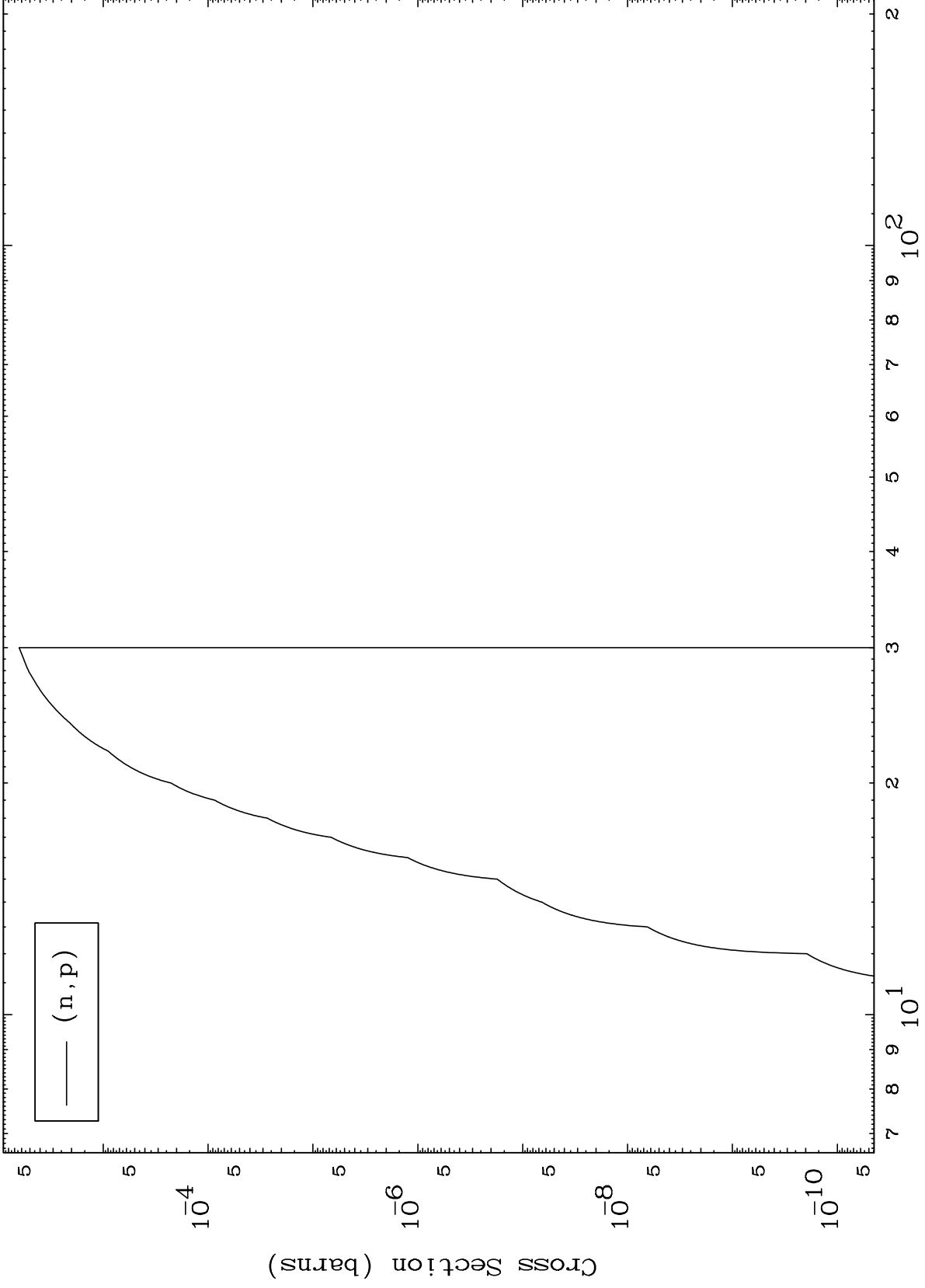
71-Lu-171m



MAT 7114

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

71-Lu-171m



(n, p)

6

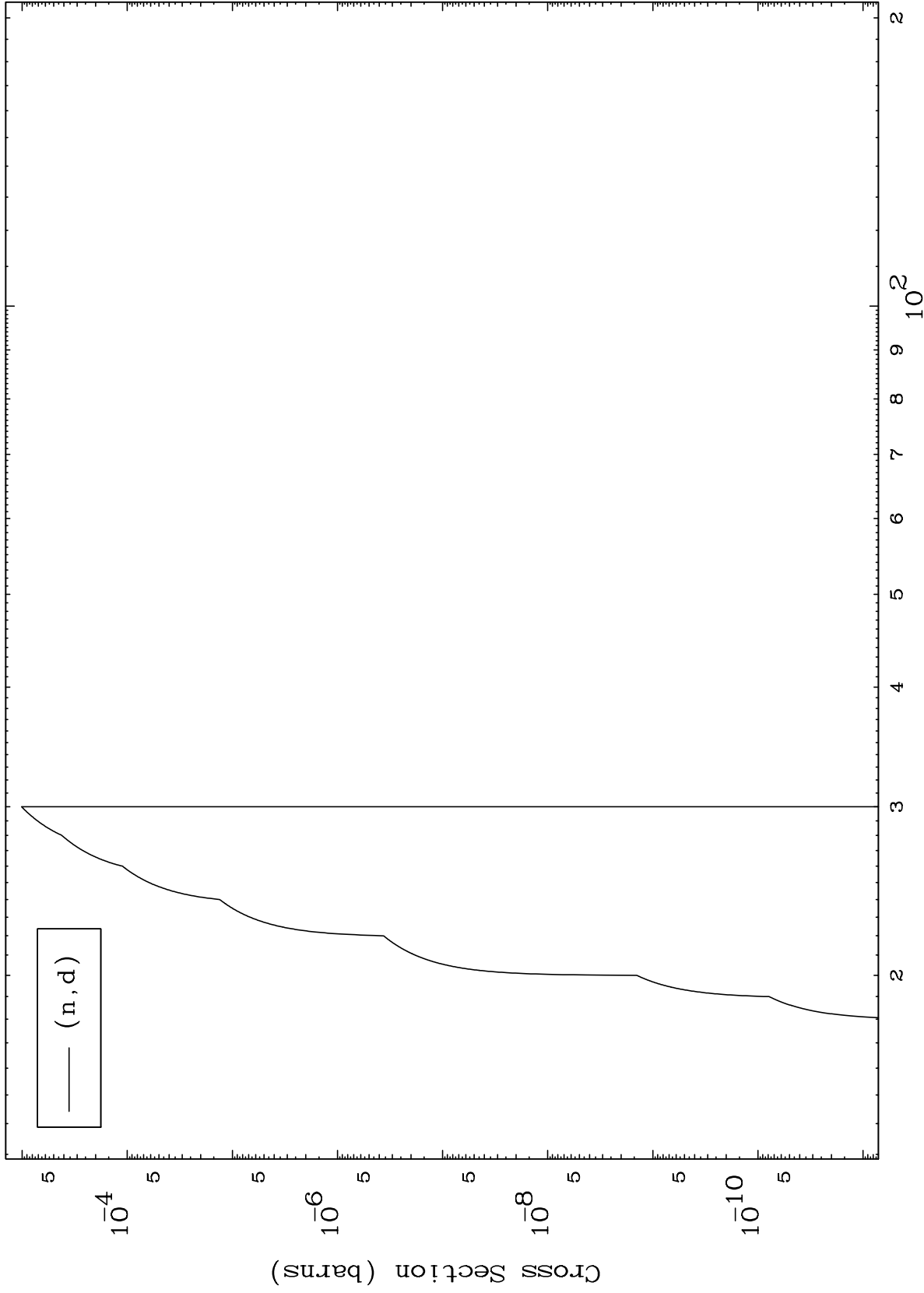
Incident Energy (MeV)

71-Lu-171m

MAT 7114

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

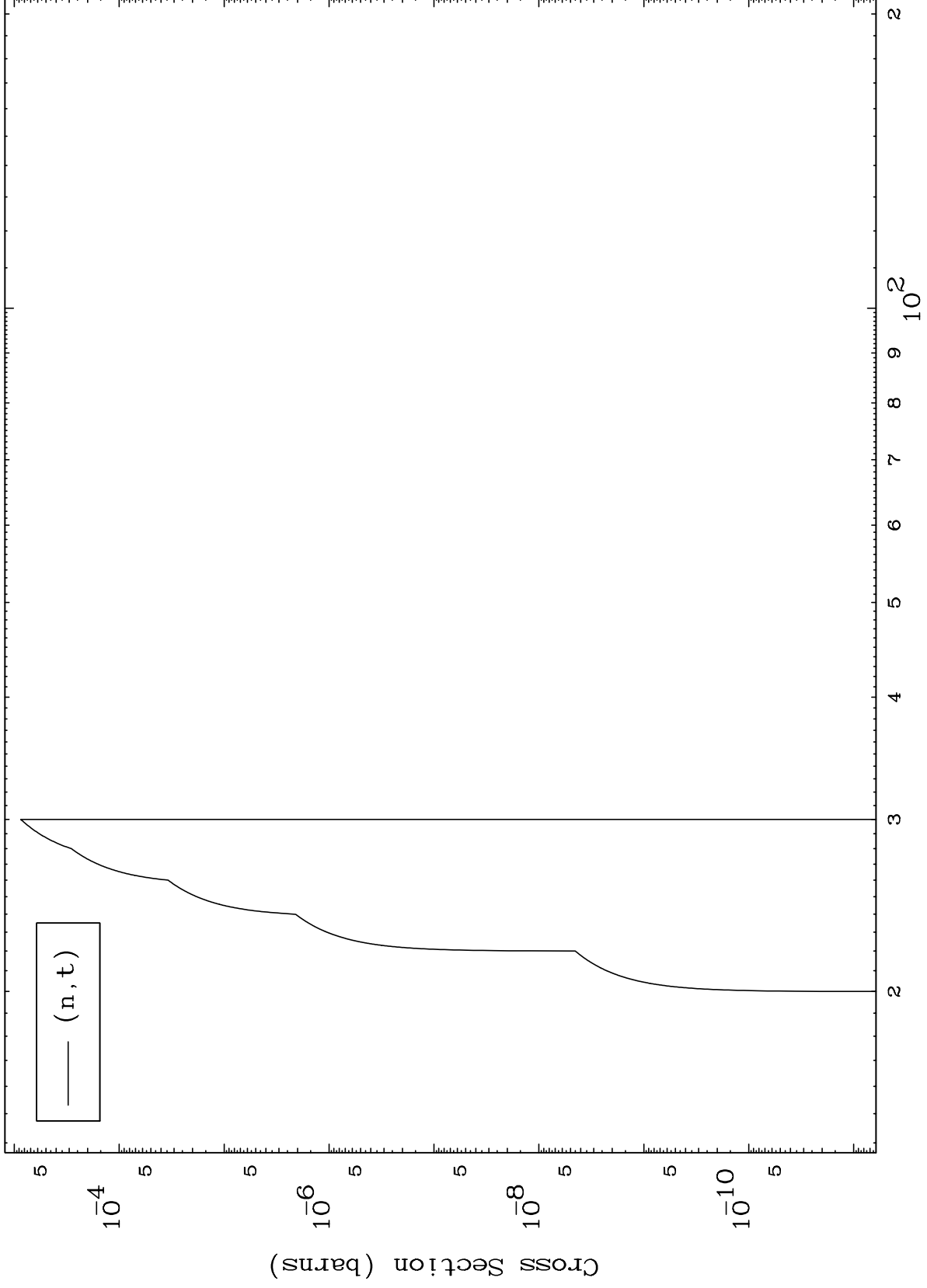
71-Lu-171m



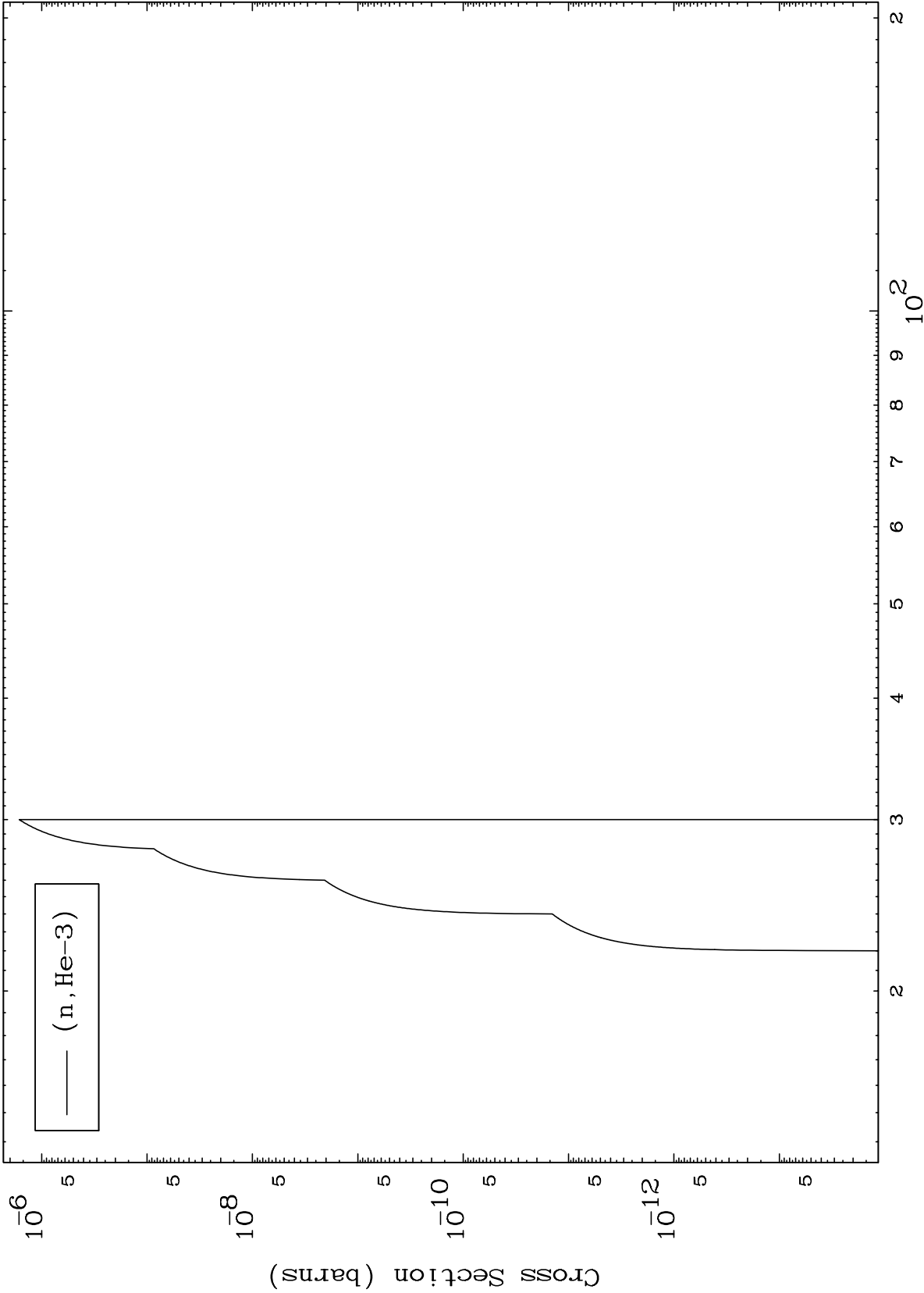
7

Incident Energy (MeV)

71-Lu-171m



0 Kelvin Cross Sections

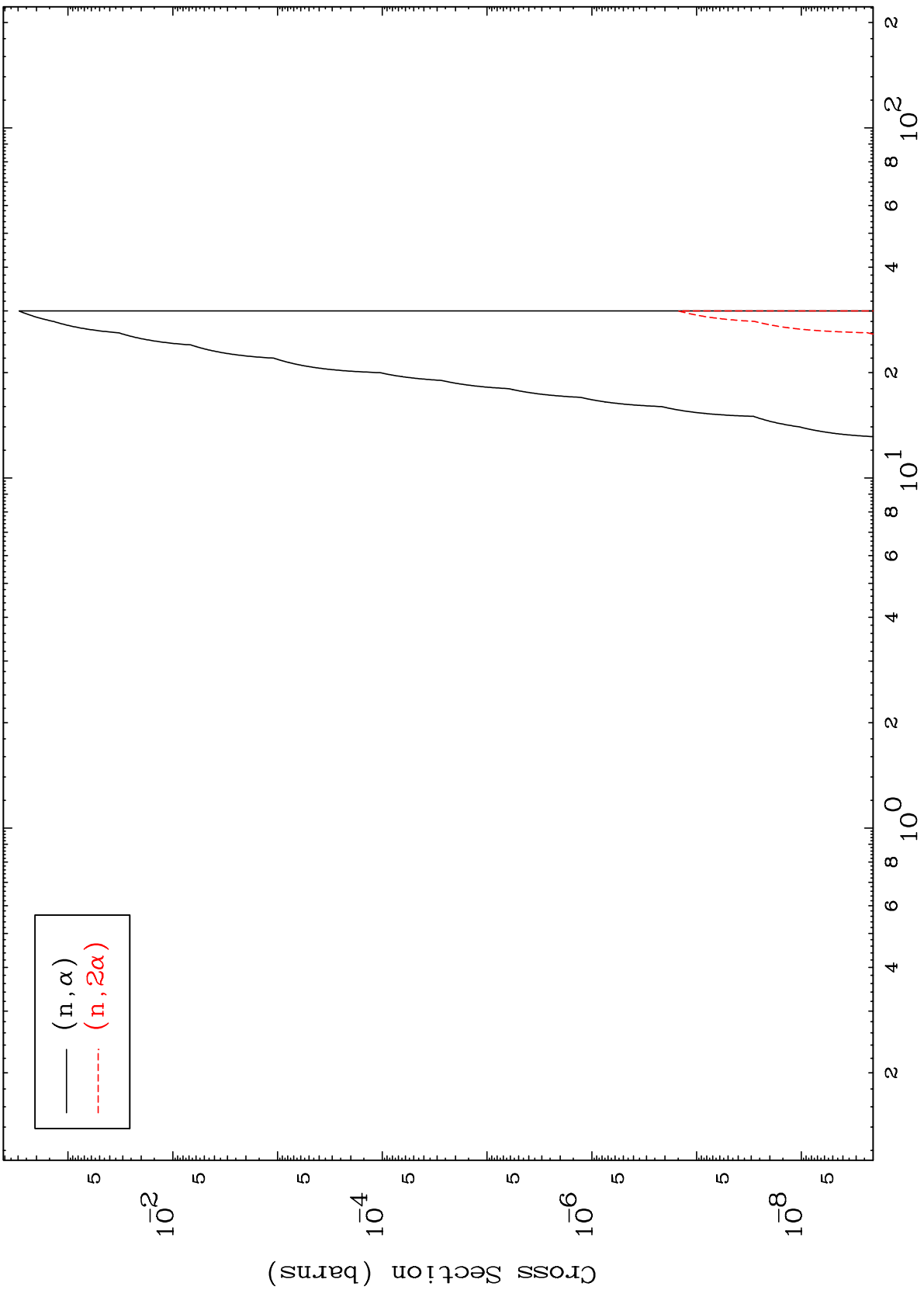


MAT 7114

( $\alpha, \alpha$ ) Levels

71-Lu-171m

0 Kelvin Cross Sections



— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

10

Incident Energy (MeV)

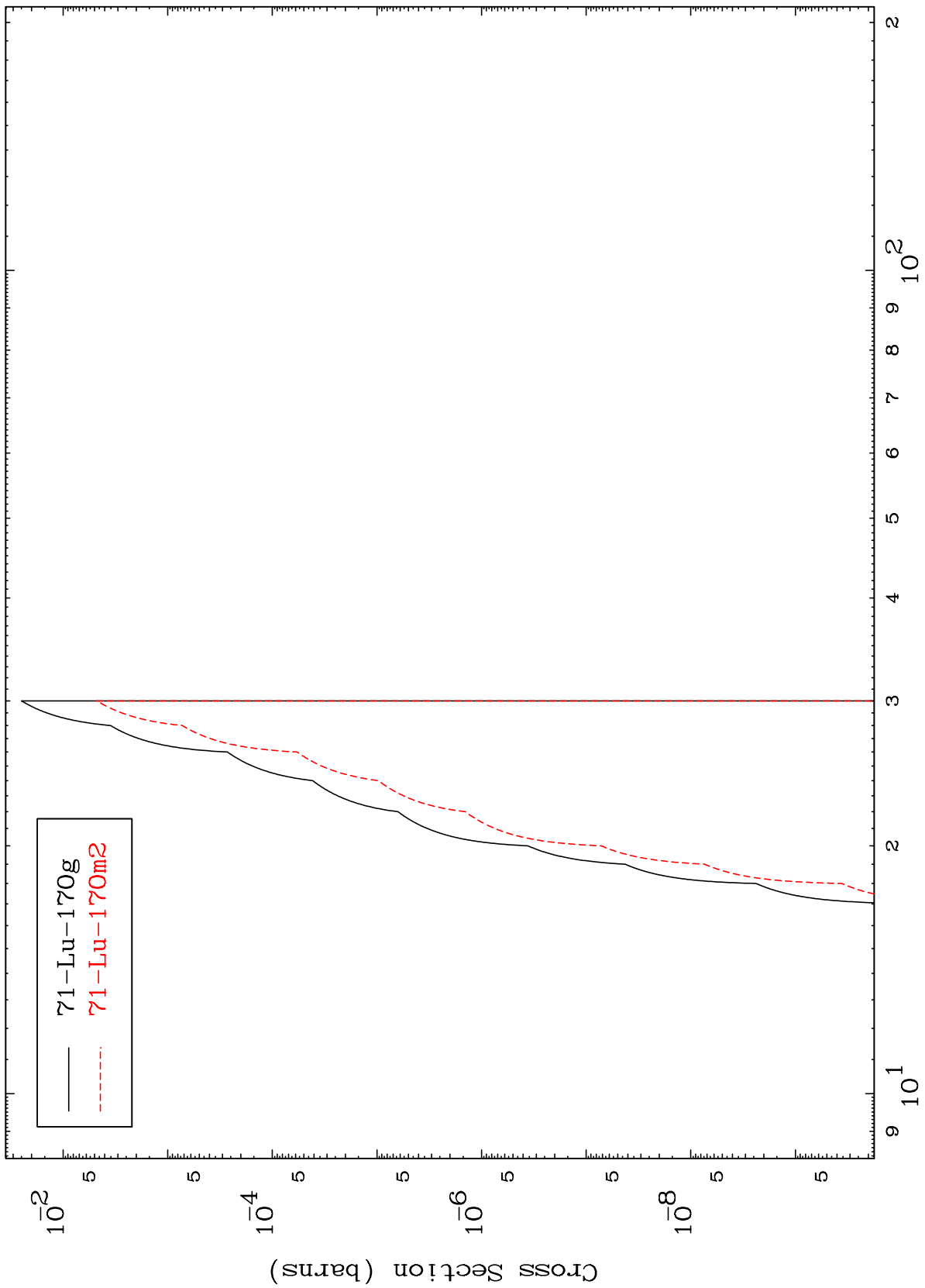
71-Lu-171m

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(n,n')  $\alpha$

<sup>71</sup>Lu-171m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

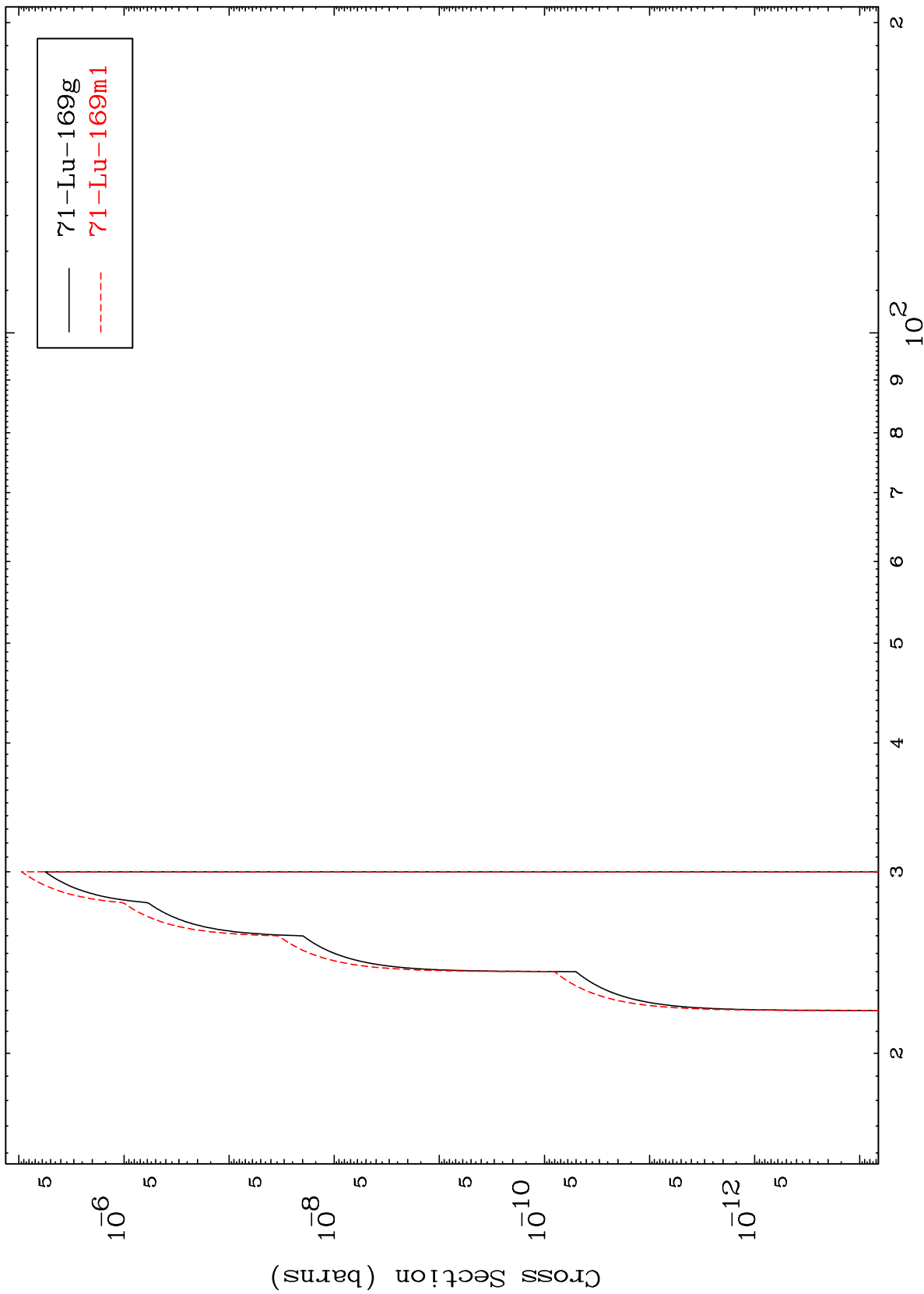
<sup>71</sup>Lu-171m

MAT 7114

$(n,2n) \alpha$

$^{71}\text{Lu-171m}$

Radionuclide Production Cross Section

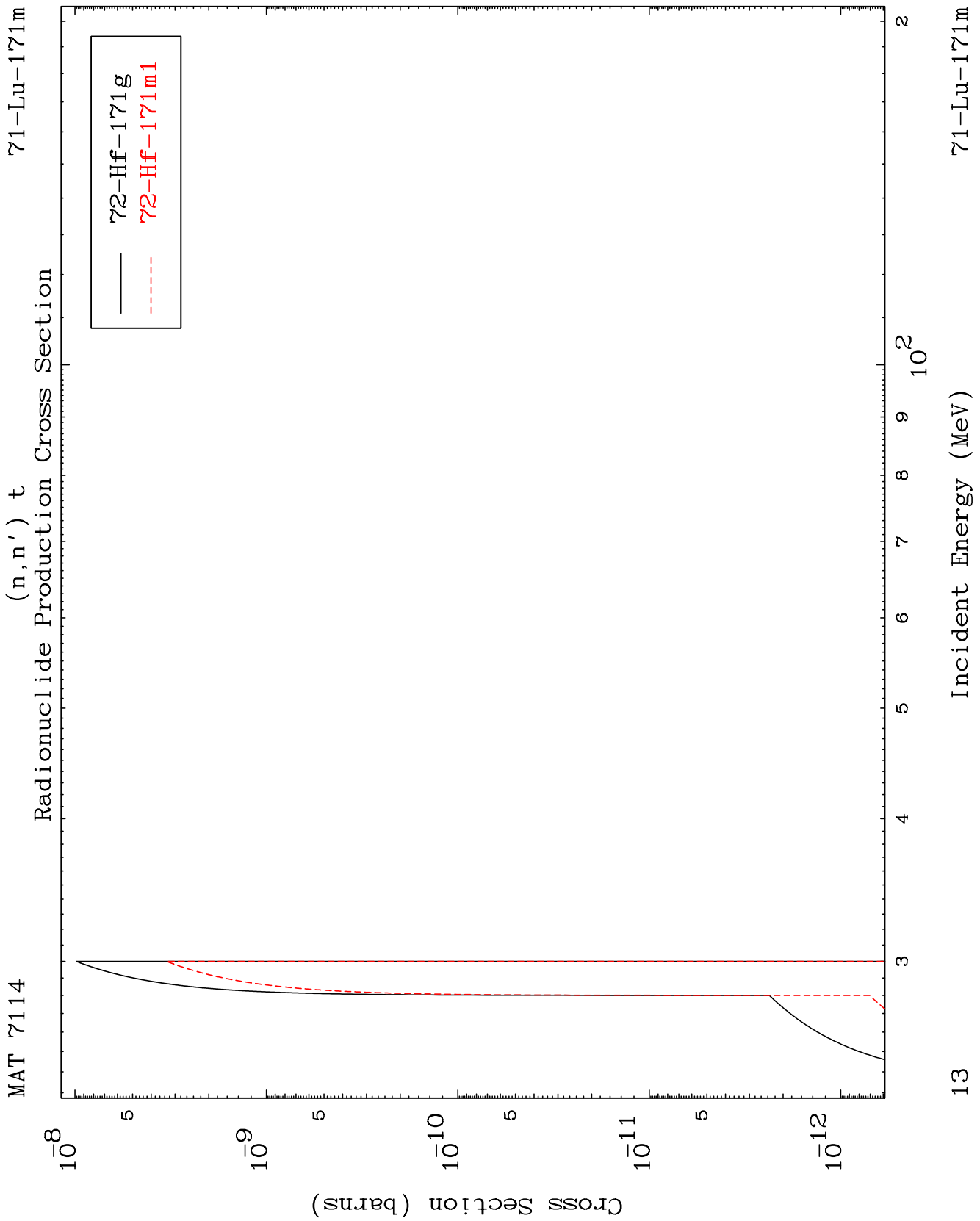


71-Lu-169g  
71-Lu-169m1

12

Incident Energy (MeV)

$^{71}\text{Lu-171m}$

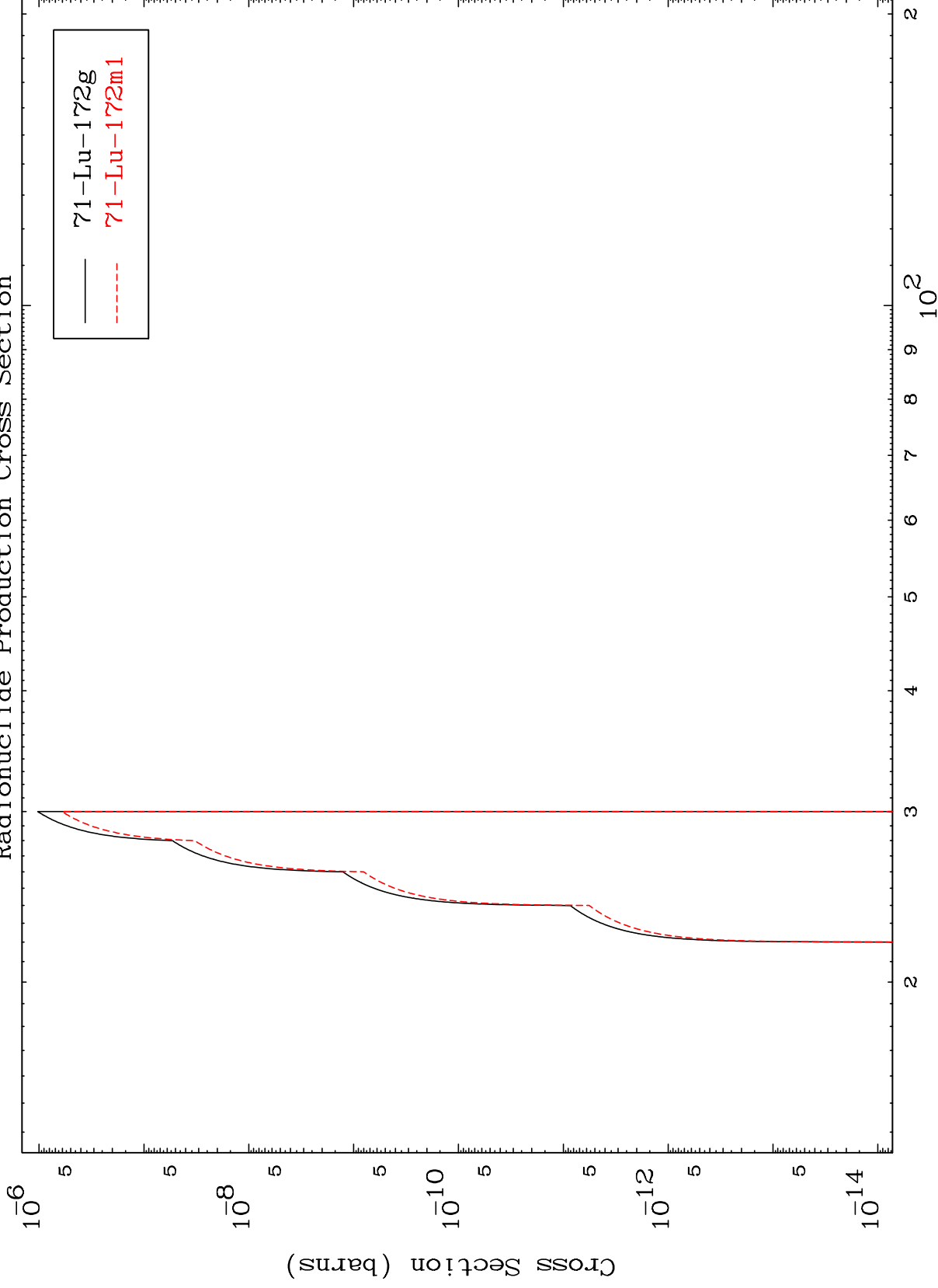


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(n,He-3)

71-Lu-171m

Radionuclide Production Cross Section



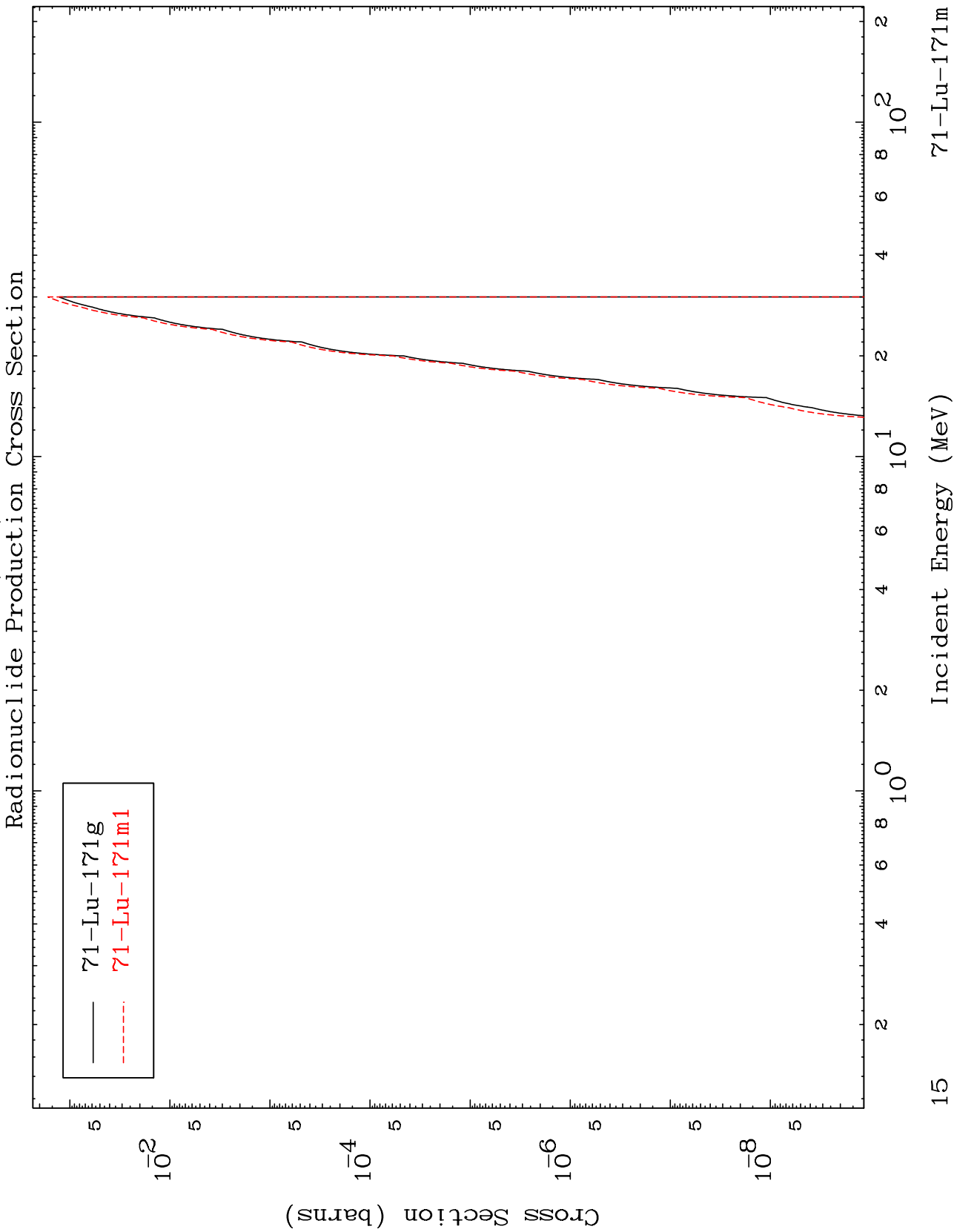
14

Incident Energy (MeV)

71-Lu-171m

MAT 7114

<sup>71</sup>Lu-171m



— 71-Lu-171g  
- - - 71-Lu-171m1