

Program EVALPLOT  
(Version 2018-1)

by

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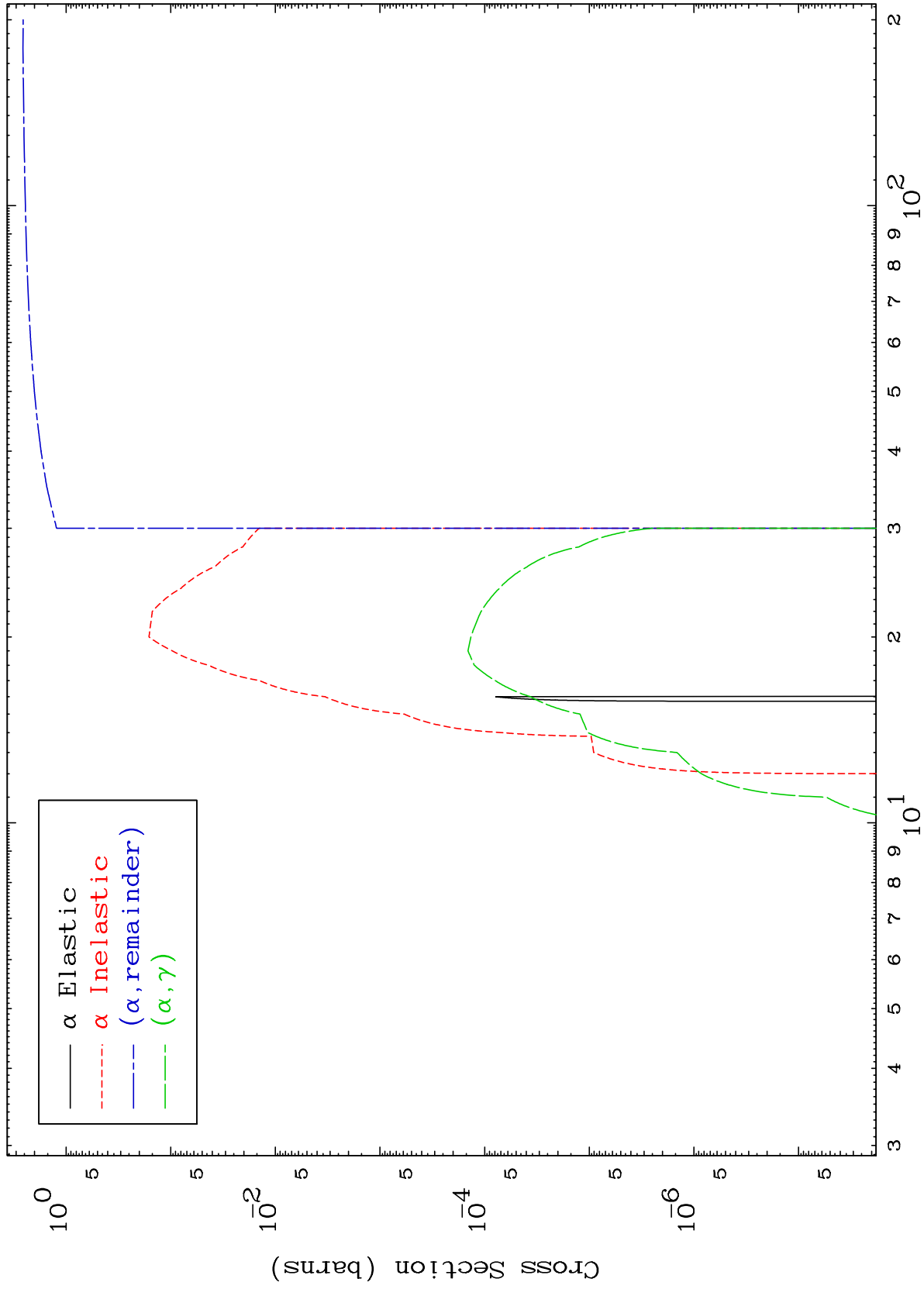
Press Mouse Button to Start

MAT 7113

0 Kelvin

$\alpha$  Major  
Cross Sections

71-Lu-171



1

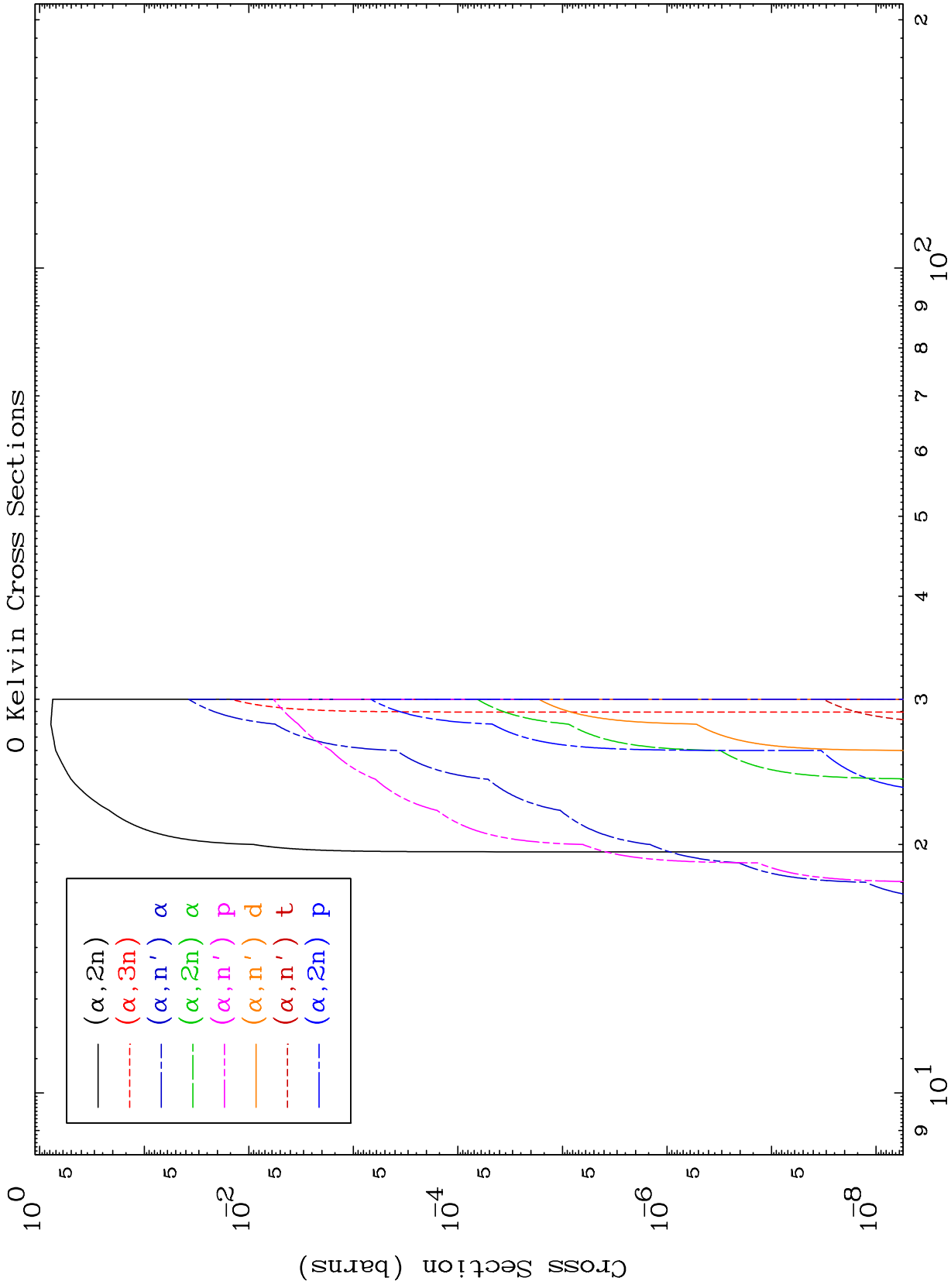
Incident Energy (MeV)

71-Lu-171

MAT 7113

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

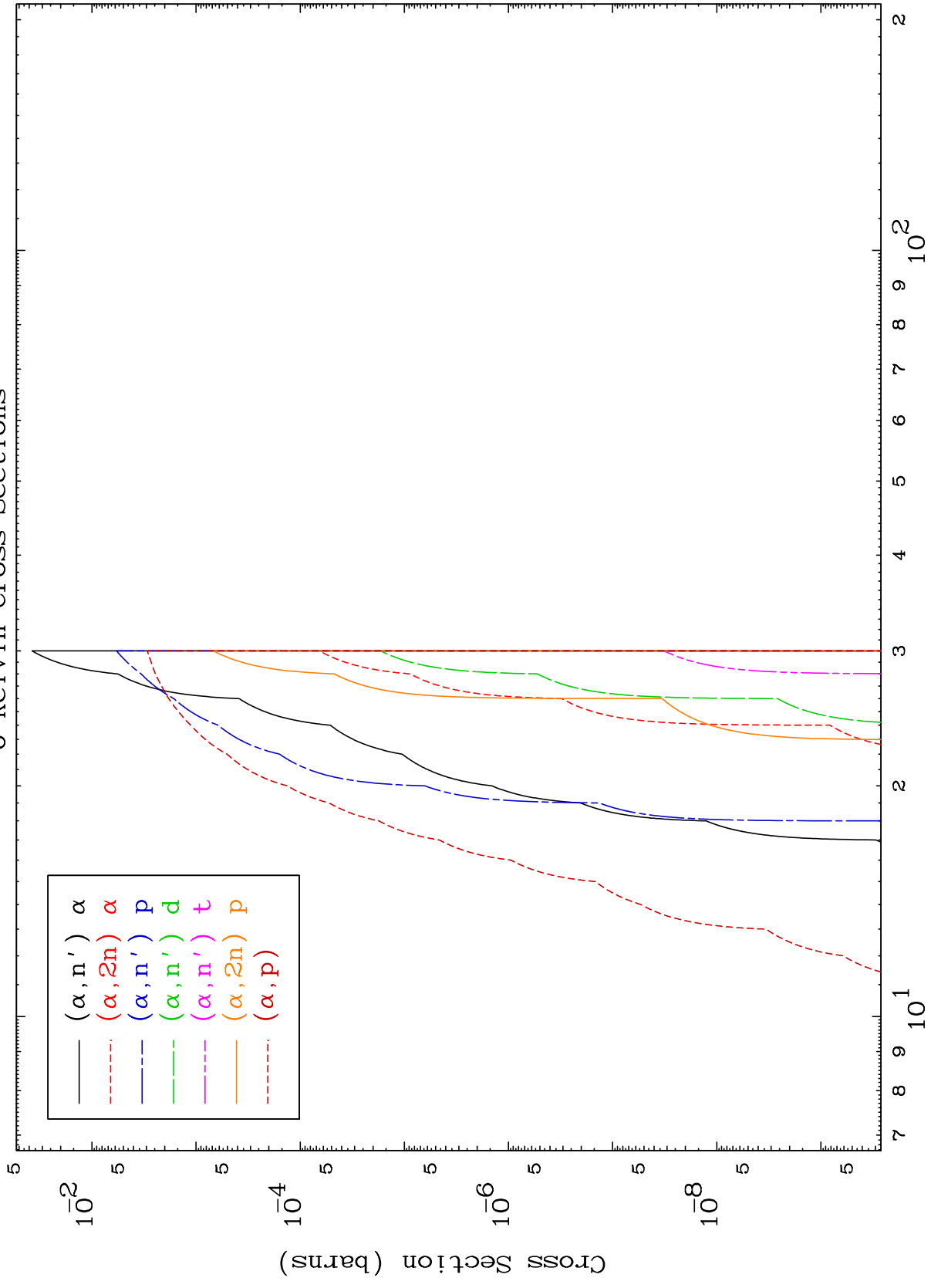
71-Lu-171



2

Incident Energy (MeV)

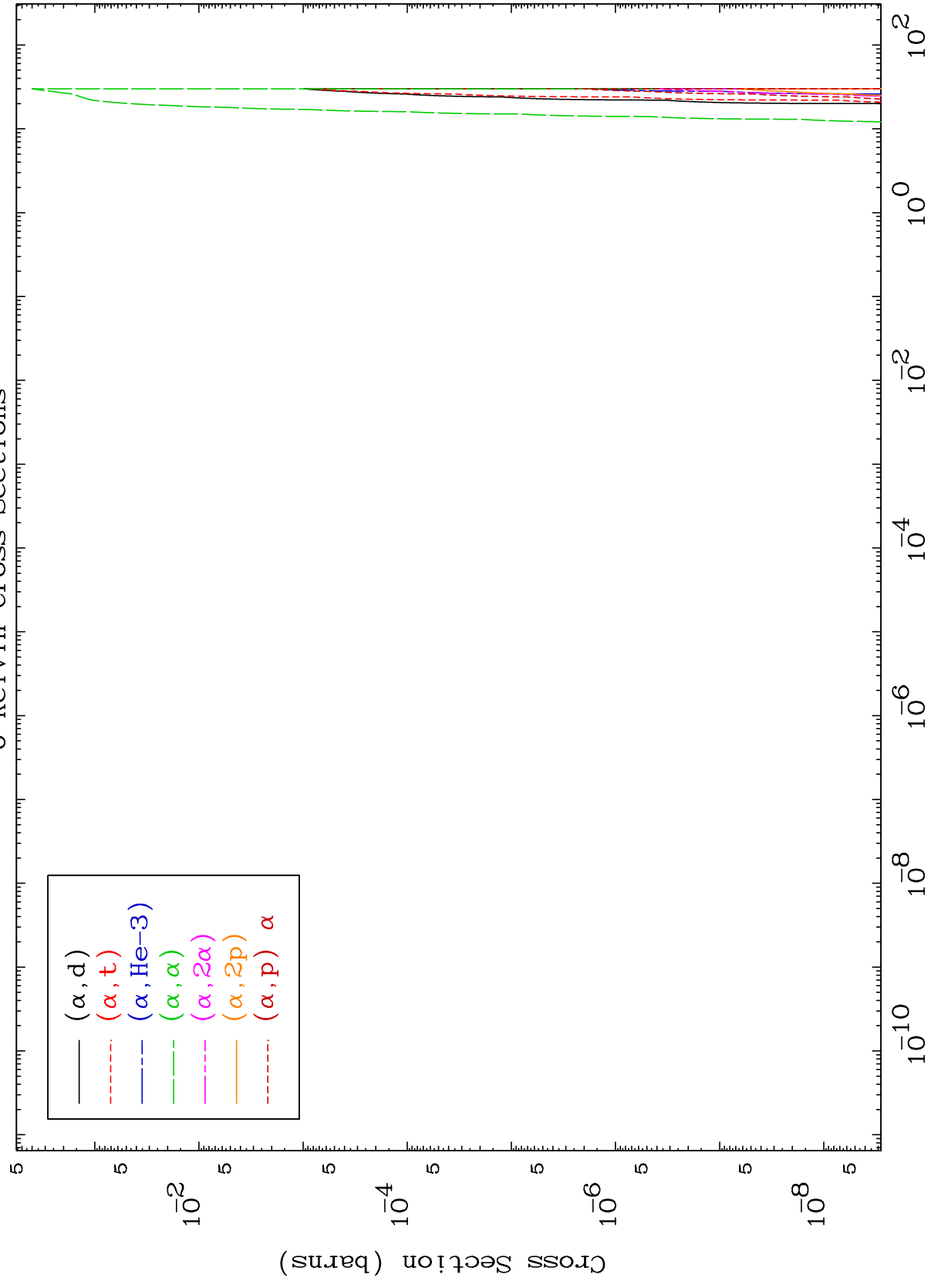
71-Lu-171



MAT 7113

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

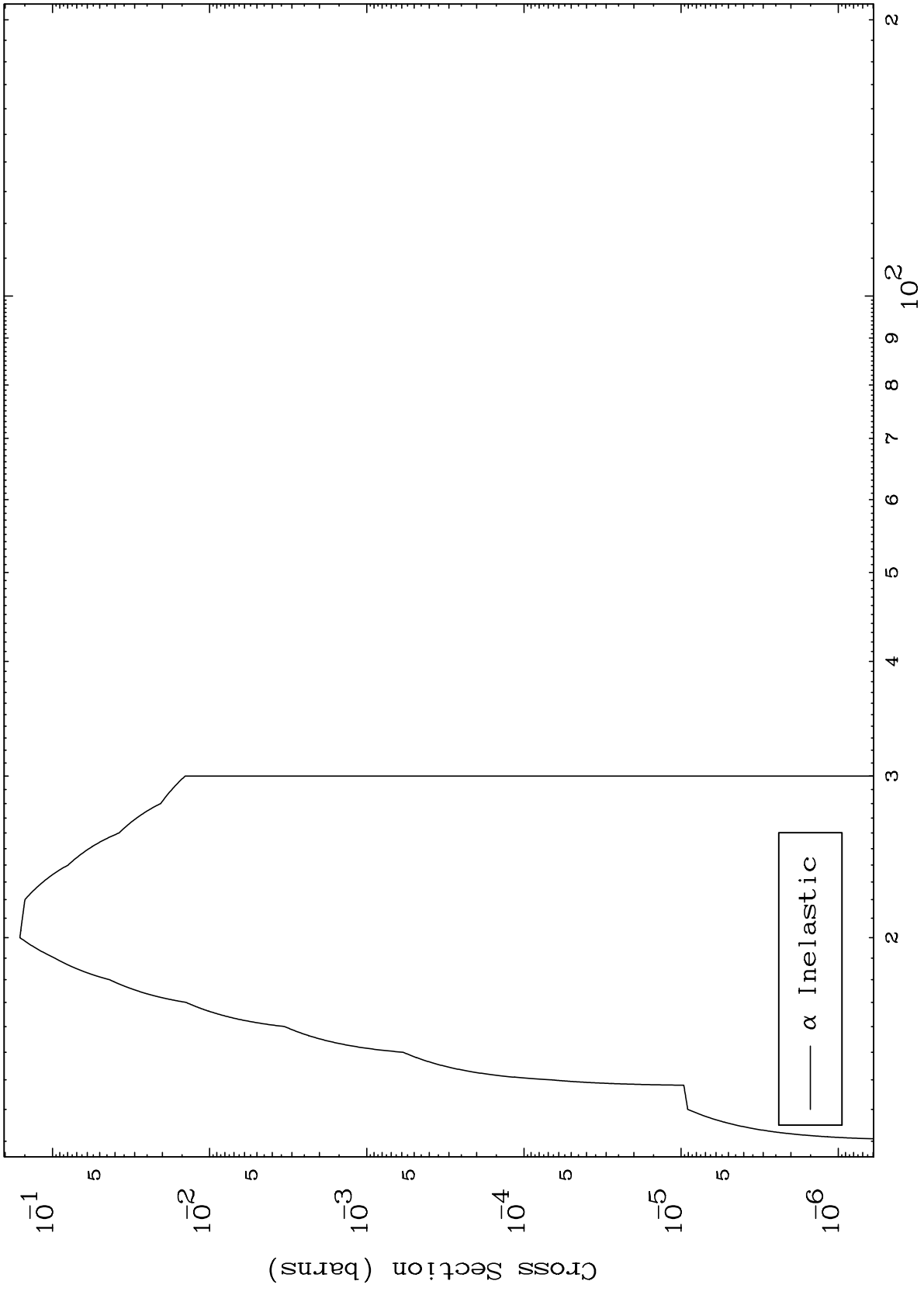
71-Lu-171



MAT 7113

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

71-Lu-171



5

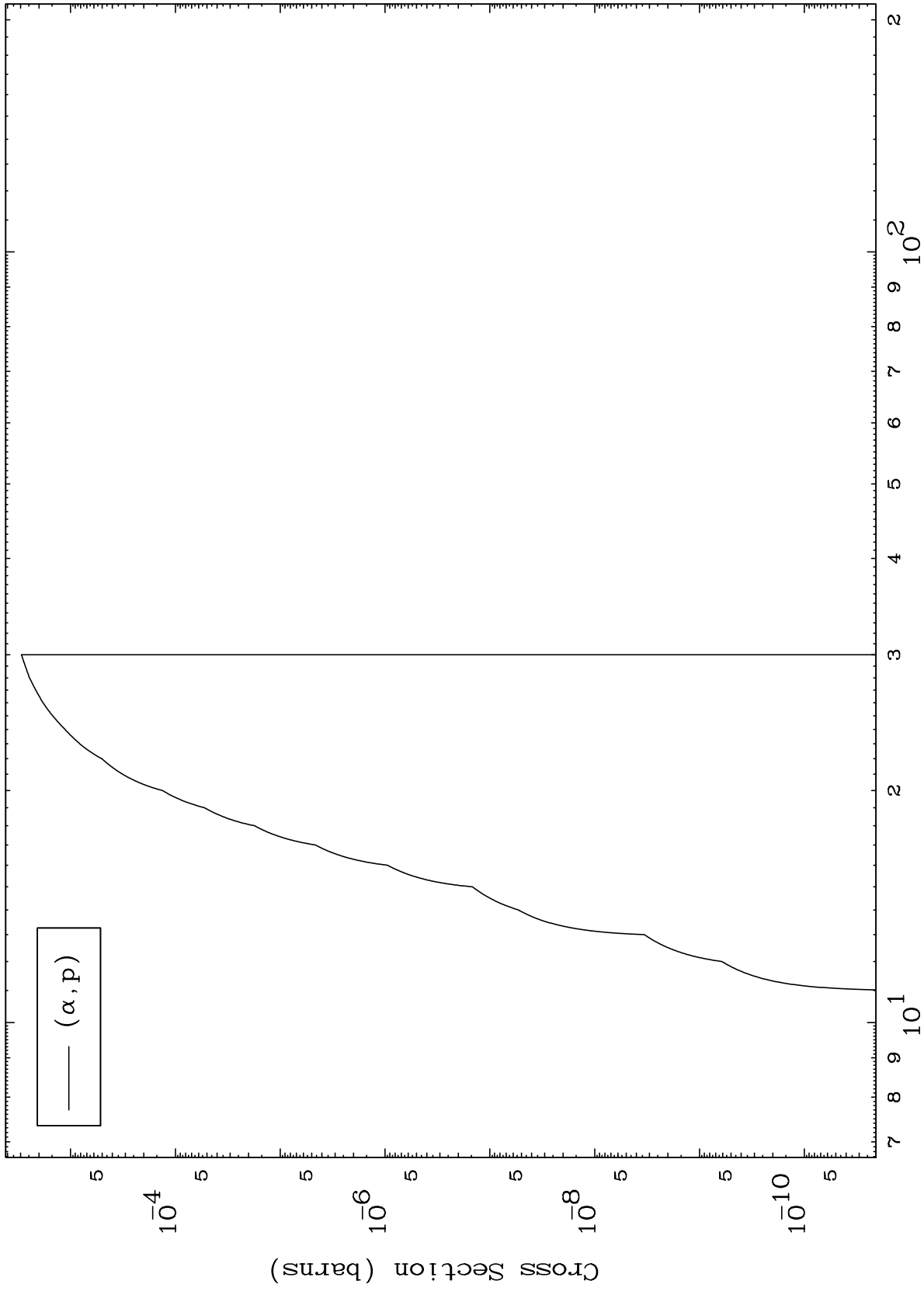
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



6

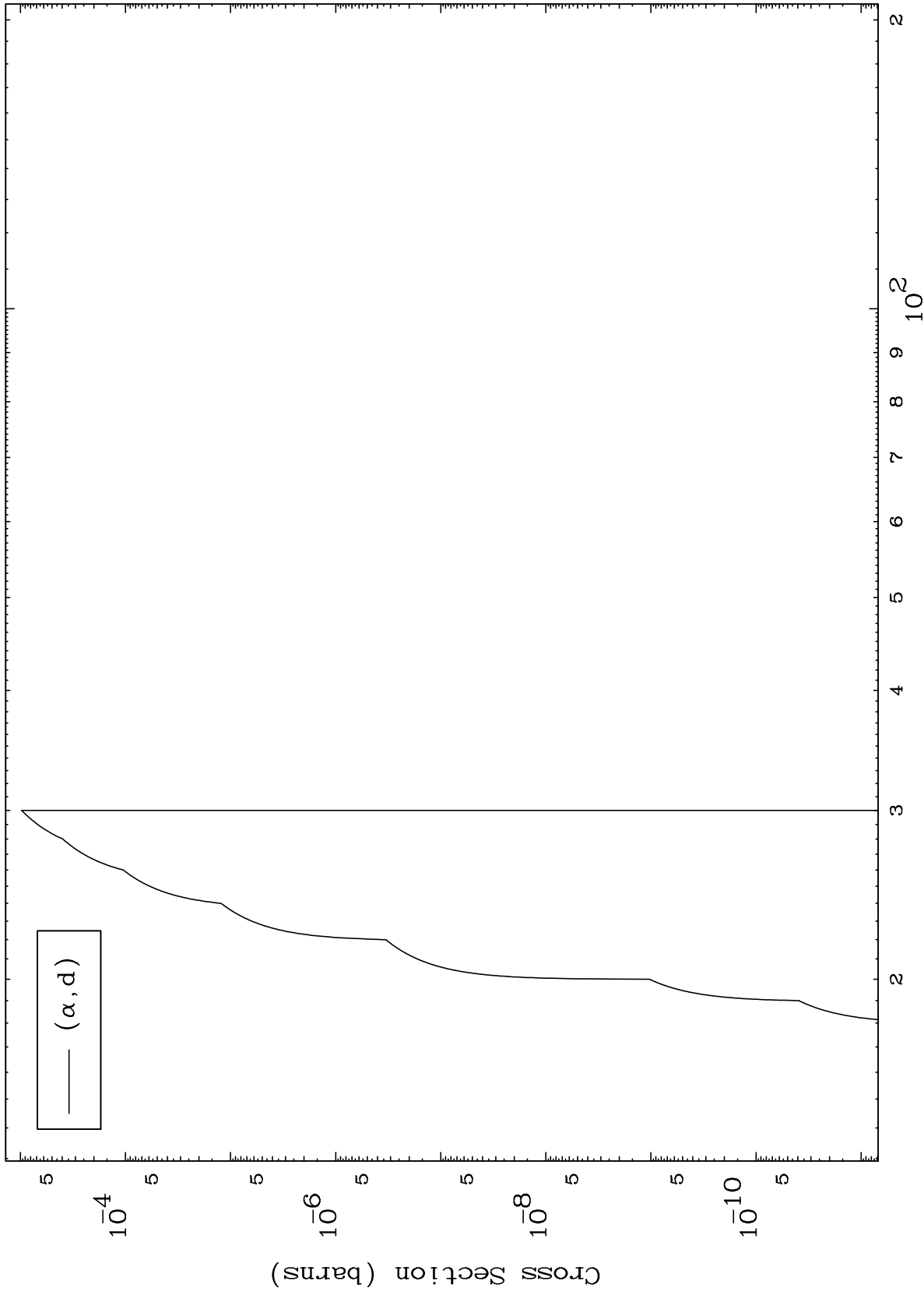
Incident Energy (MeV)

71-Lu-171

MAT 7113

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

71-Lu-171



7

Incident Energy (MeV)

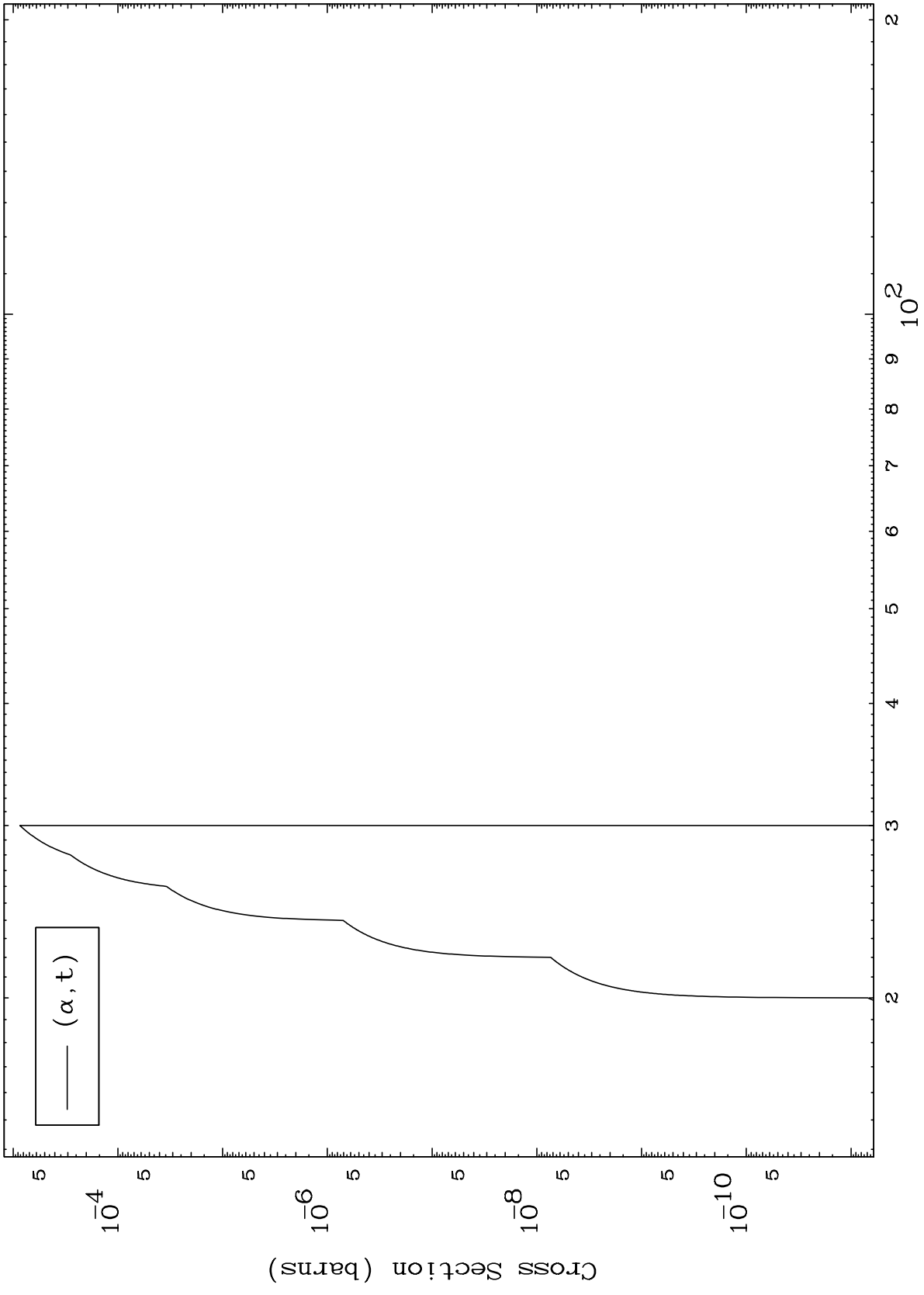
71-Lu-171

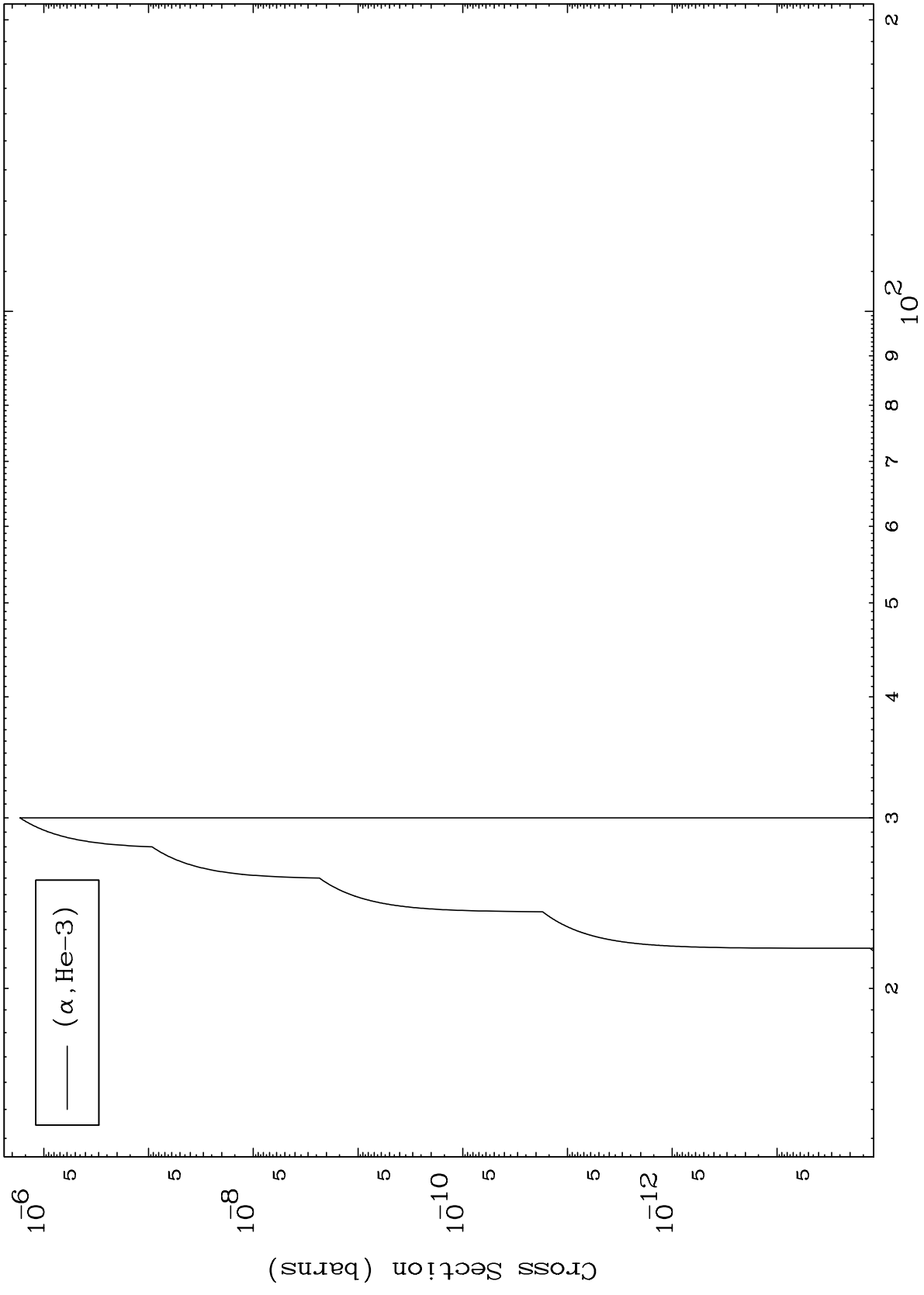


MAT 7113

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

71-Lu-171

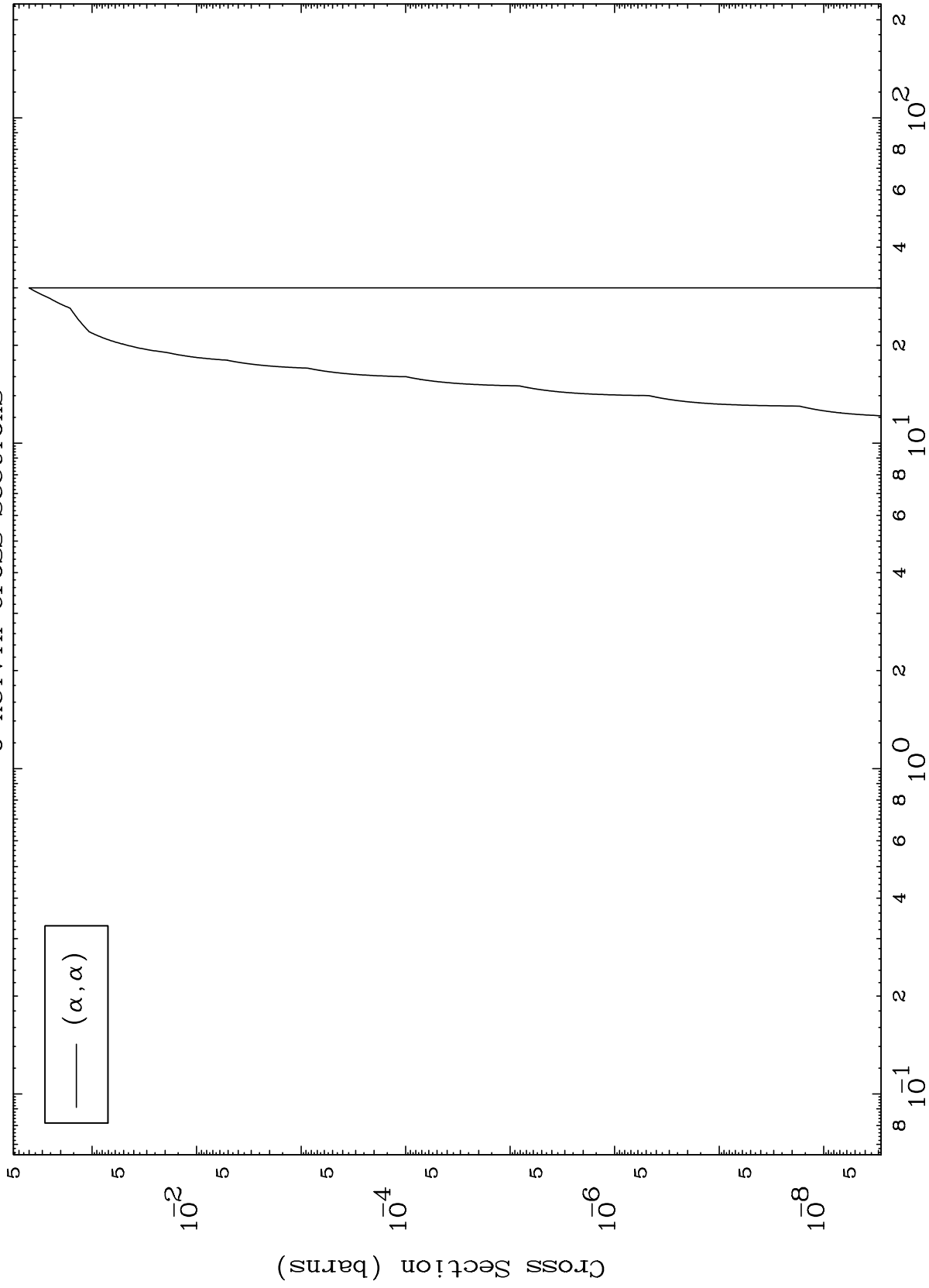




MAT 7113

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

71-Lu-171



10

Incident Energy (MeV)

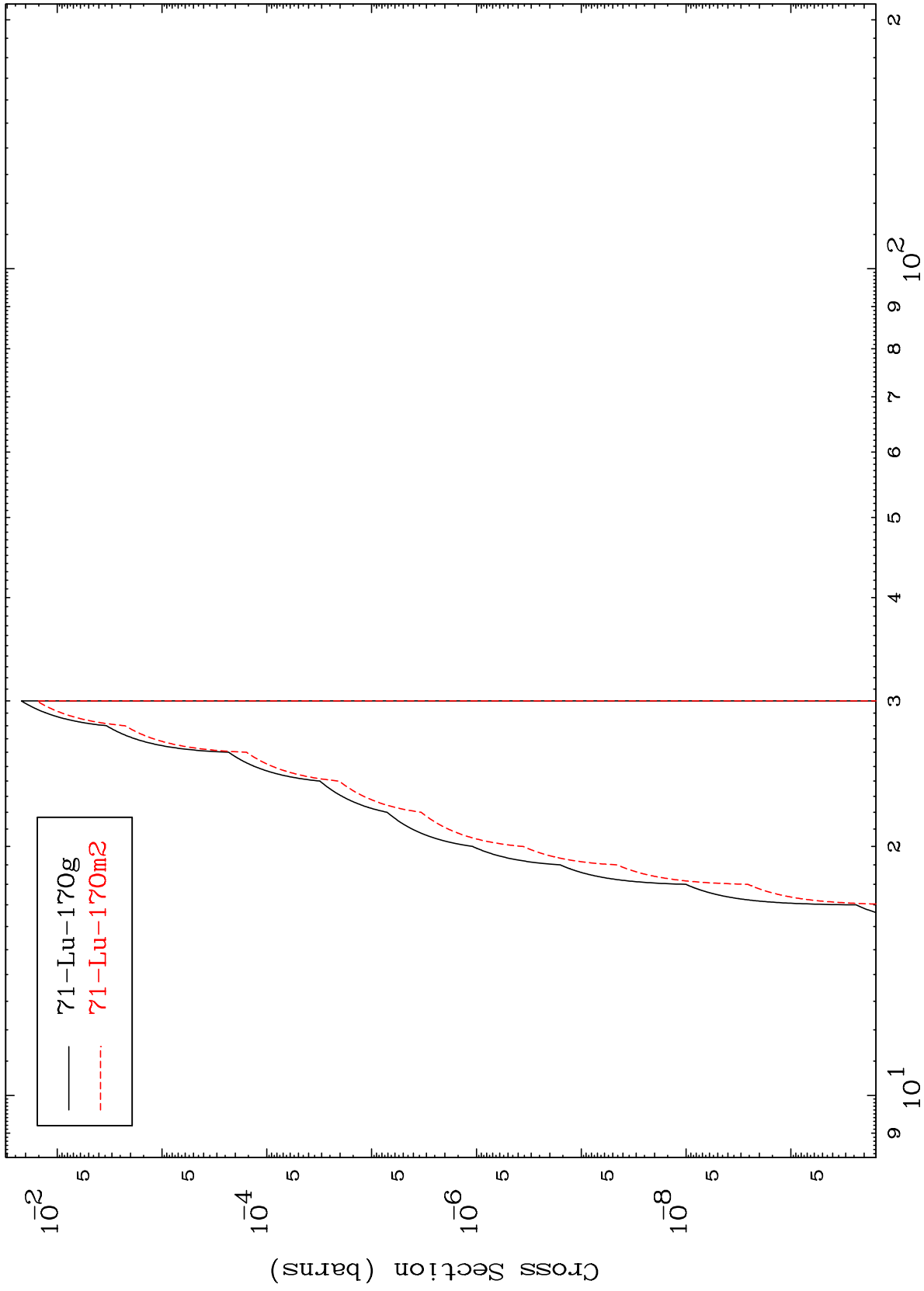
71-Lu-171

MAT 7113

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

71-Lu-171

Radionuclide Production Cross Section



11

Incident Energy (MeV)

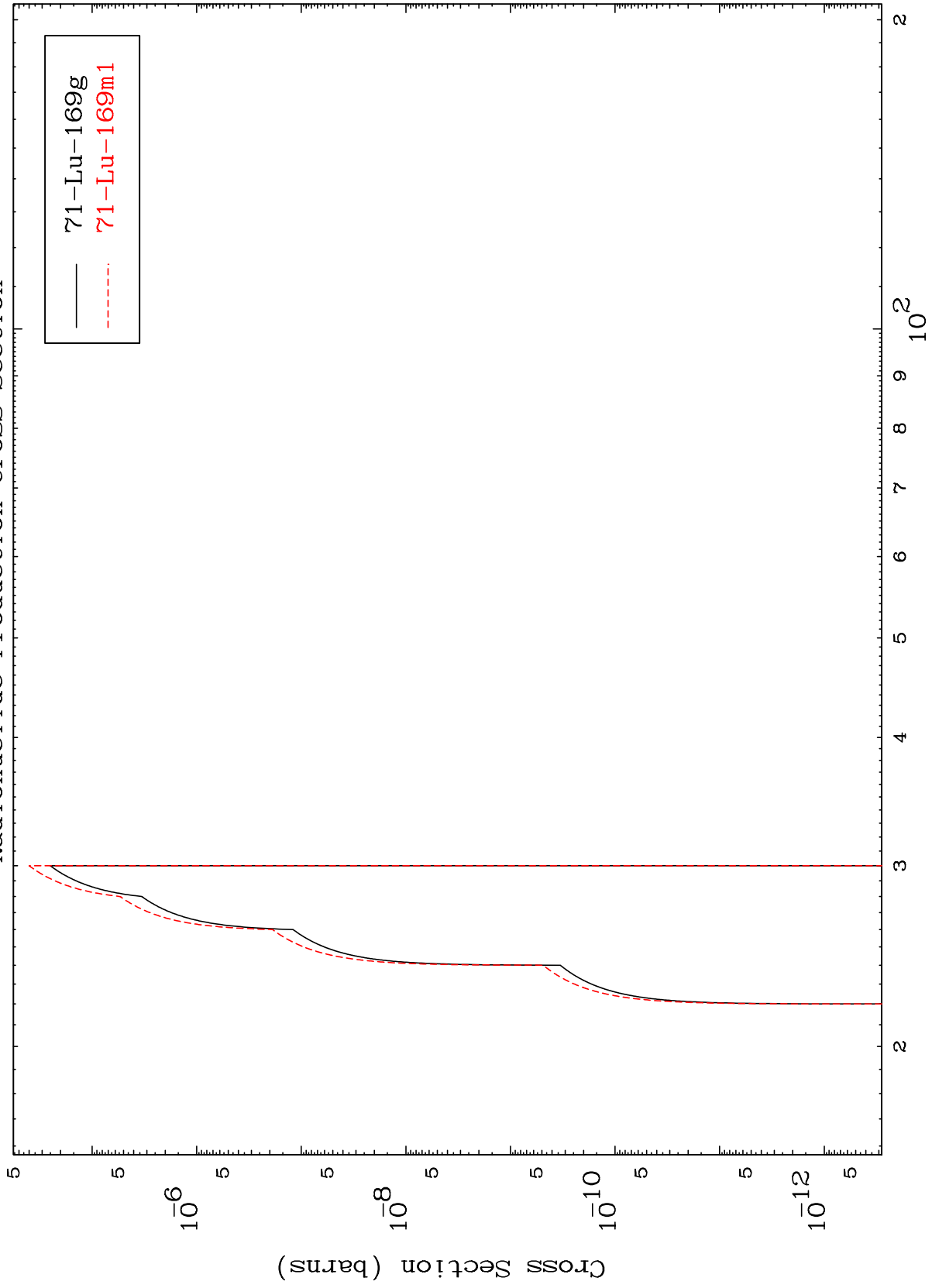
71-Lu-171

MAT 7113

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

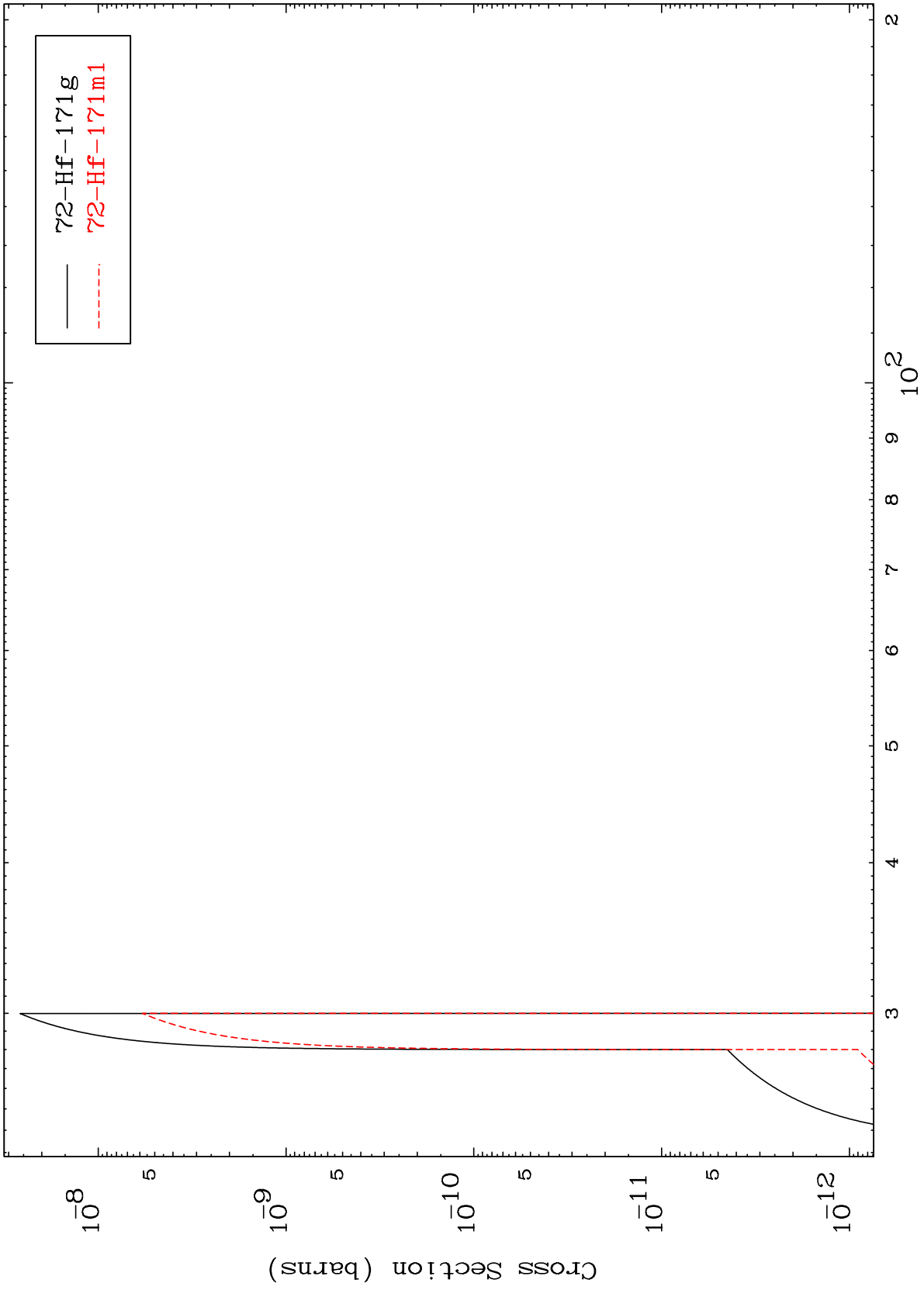
$^{71}\text{Lu-171}$

MAT 7113

( $\alpha, n'$ ) t

71-Lu-171

Radionuclide Production Cross Section



13

Incident Energy (MeV)

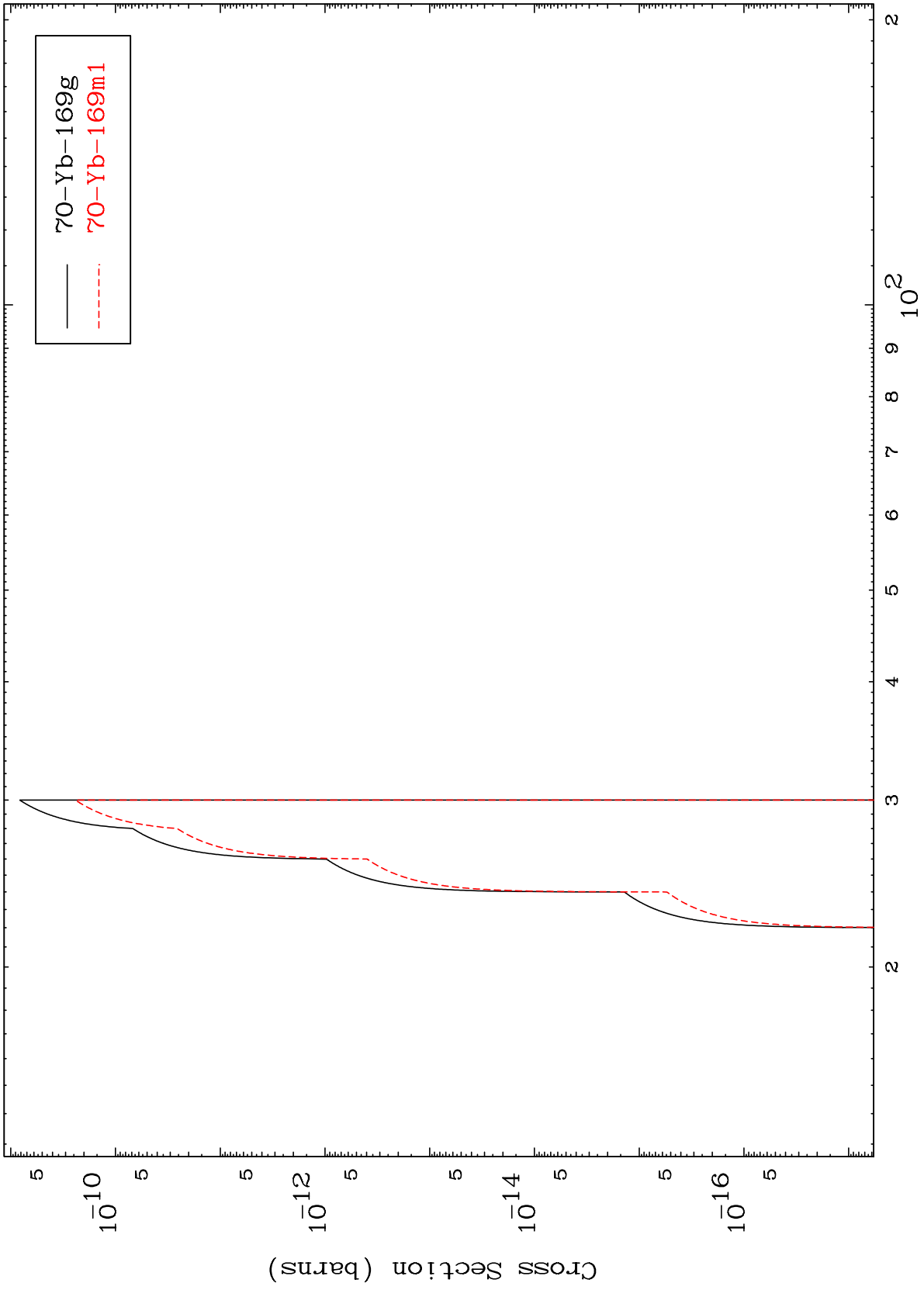
71-Lu-171

MAT 7113

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

71-Lu-171

Radionuclide Production Cross Section



14

Incident Energy (MeV)

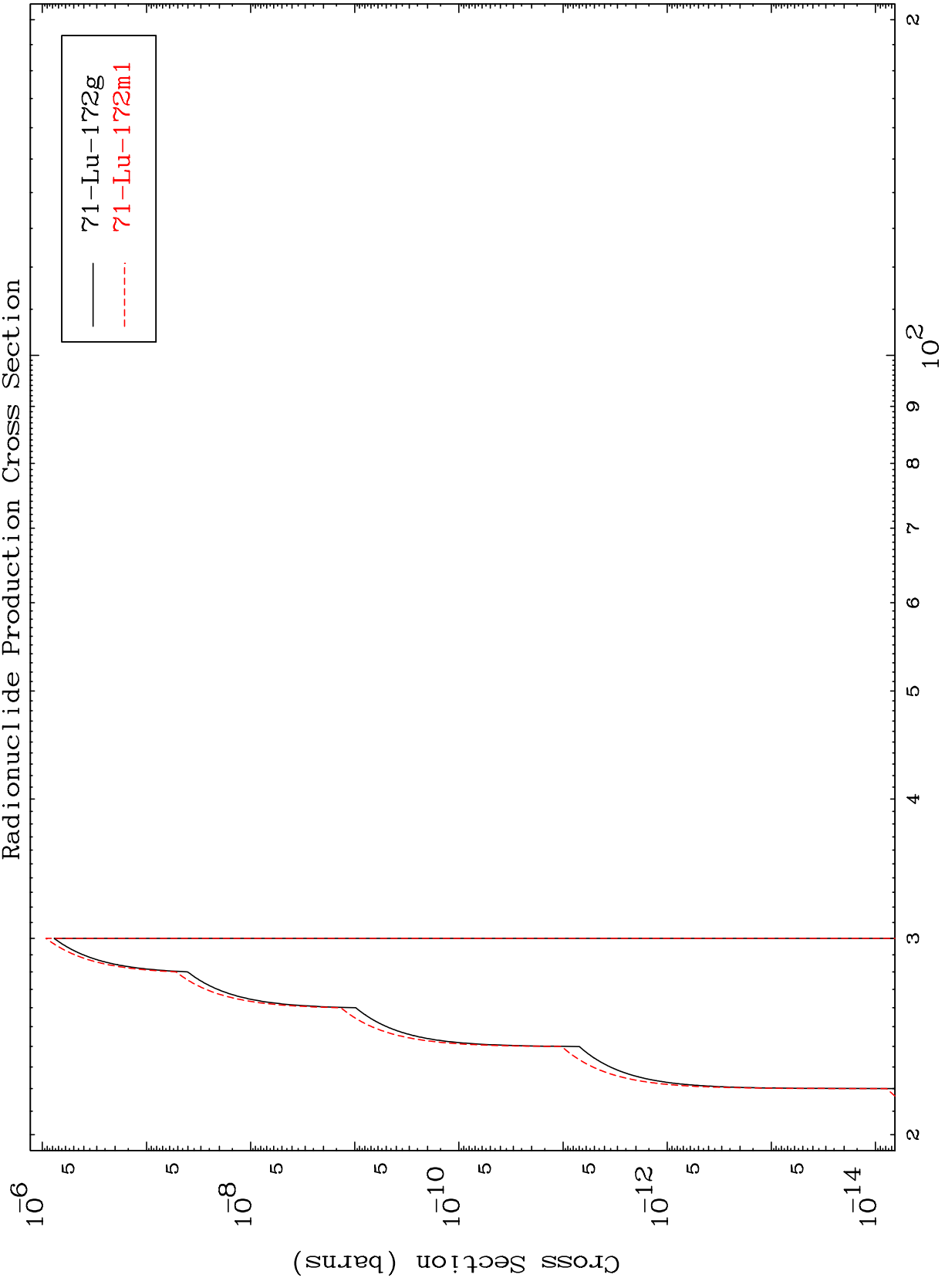
71-Lu-171

MAT 7113

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

71-Lu-171

Radionuclide Production Cross Section



15

Incident Energy (MeV)

71-Lu-171

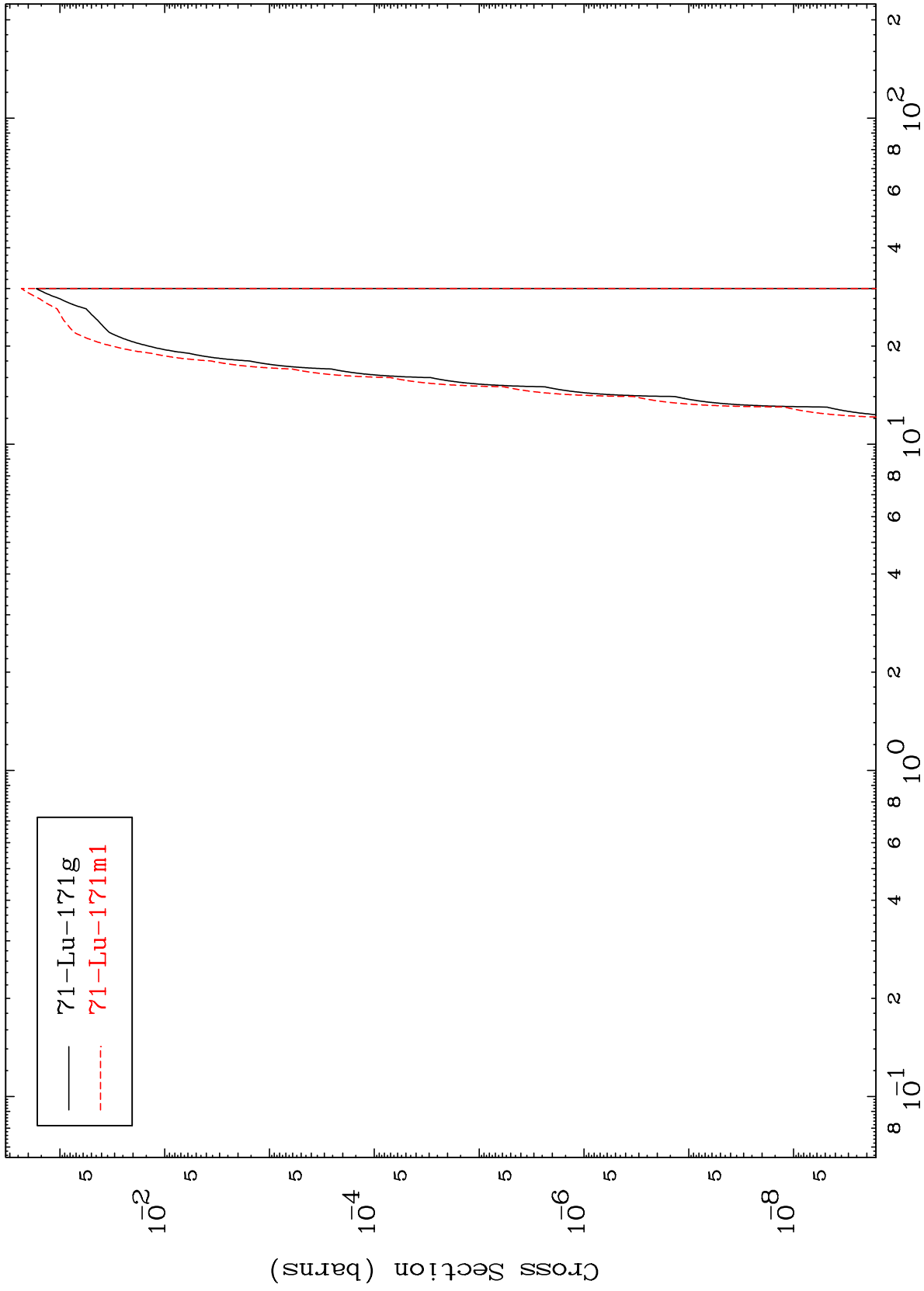


MAT 7113

( $\alpha, \alpha$ )

<sup>71</sup>Lu-171

Radionuclide Production Cross Section



16

Incident Energy (MeV)

<sup>71</sup>Lu-171