

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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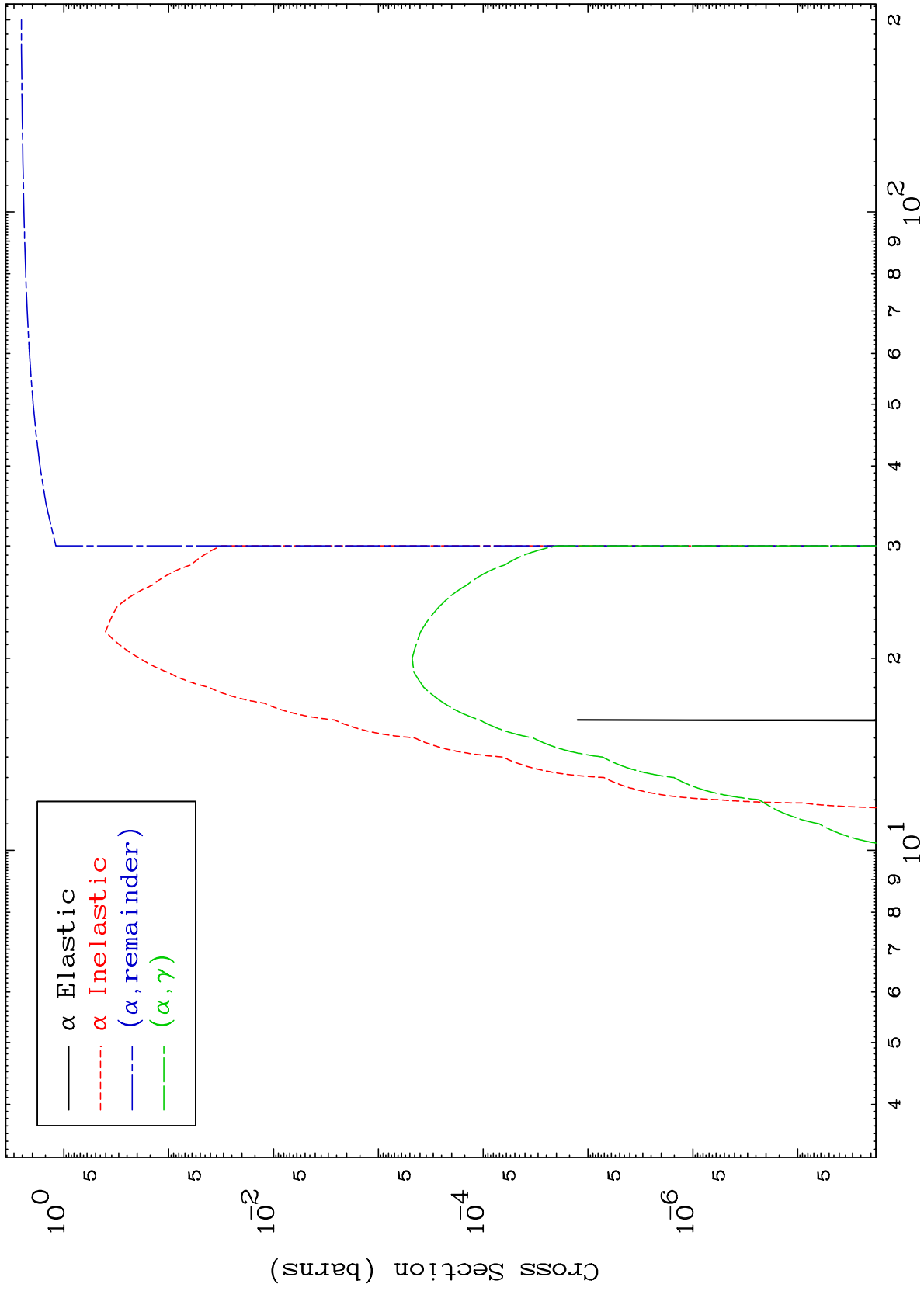
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7100

0 Kelvin  $\alpha$  Major  
Cross Sections

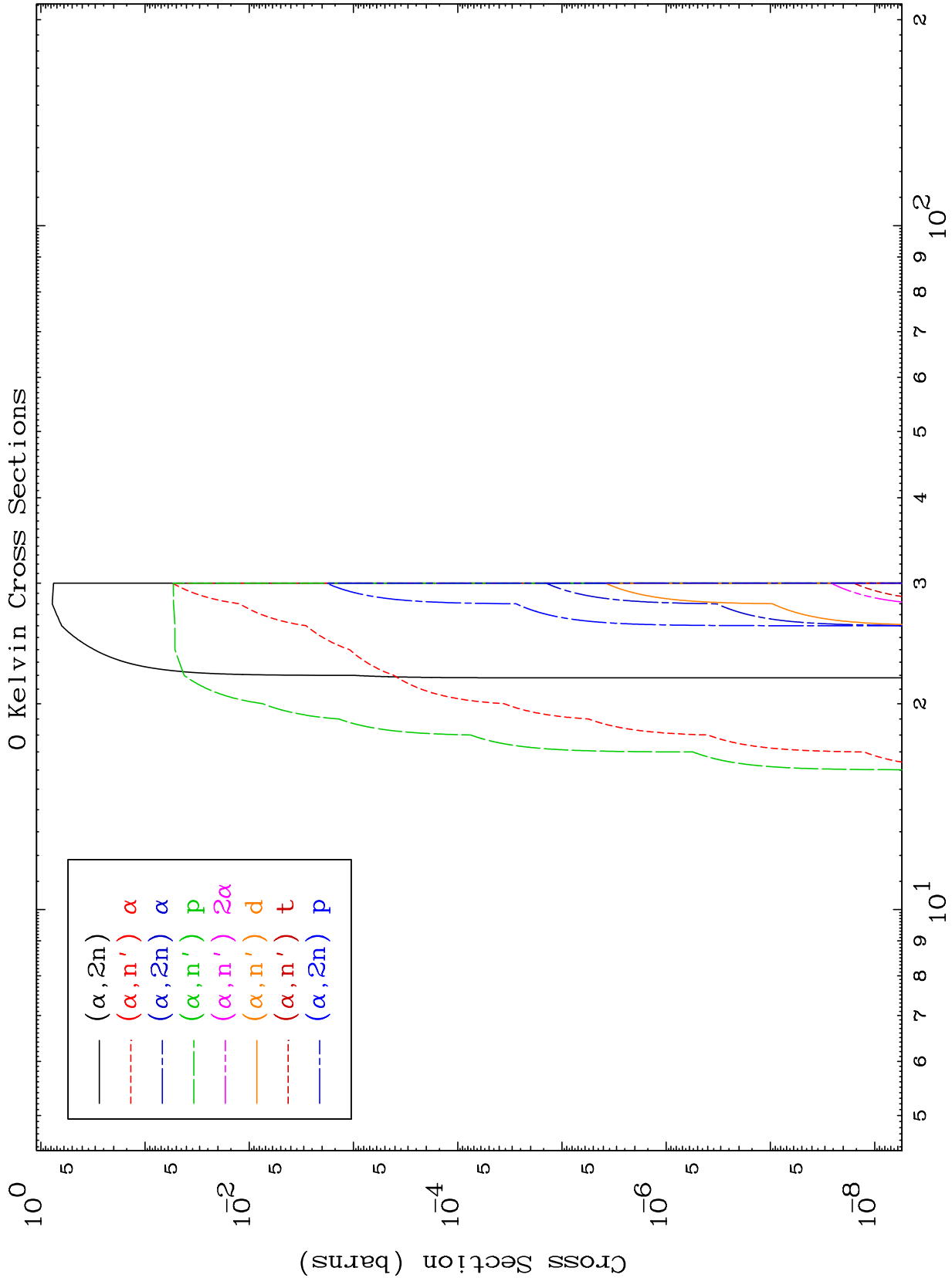
71-Lu-166

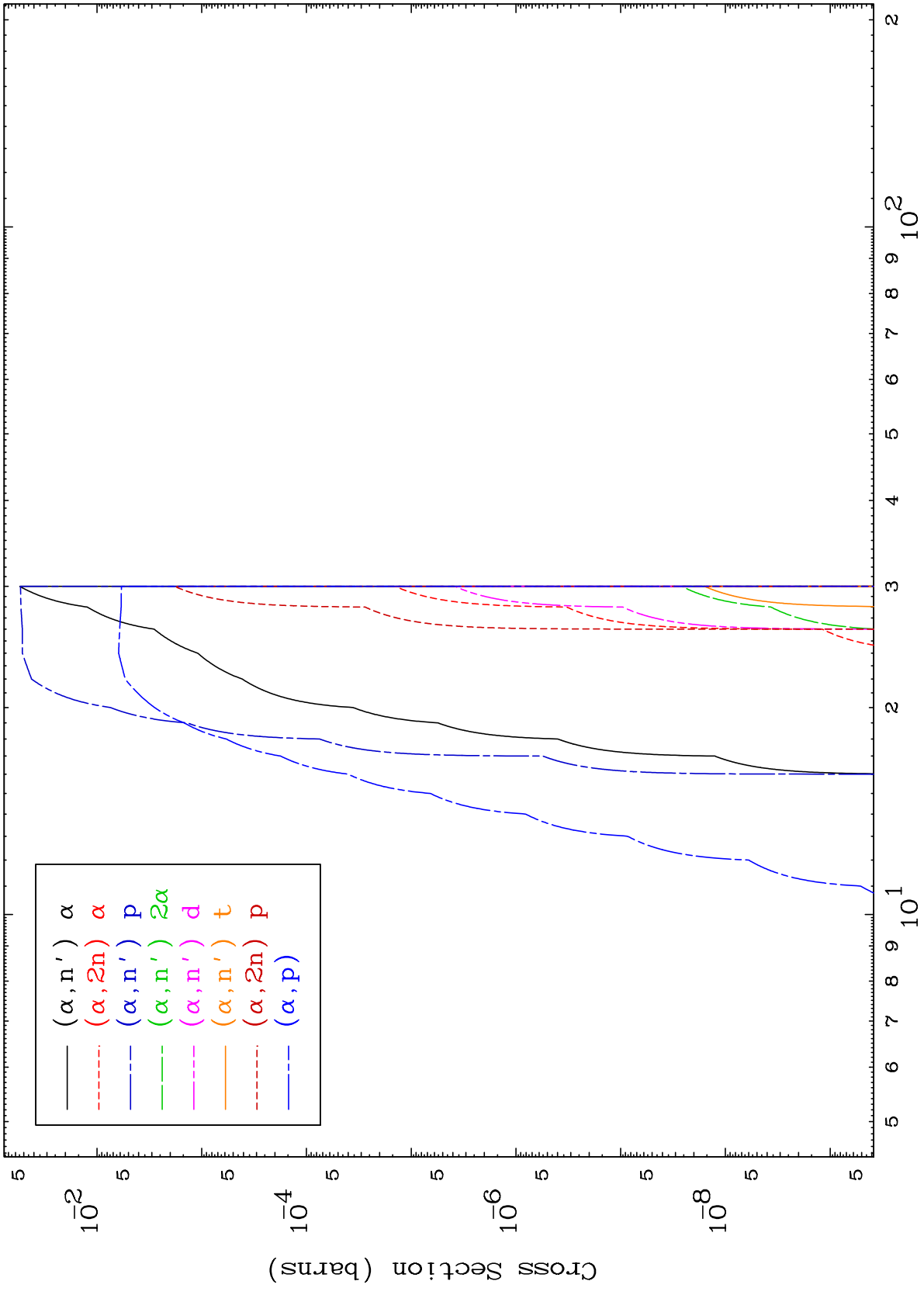


1

Incident Energy (MeV)

71-Lu-166

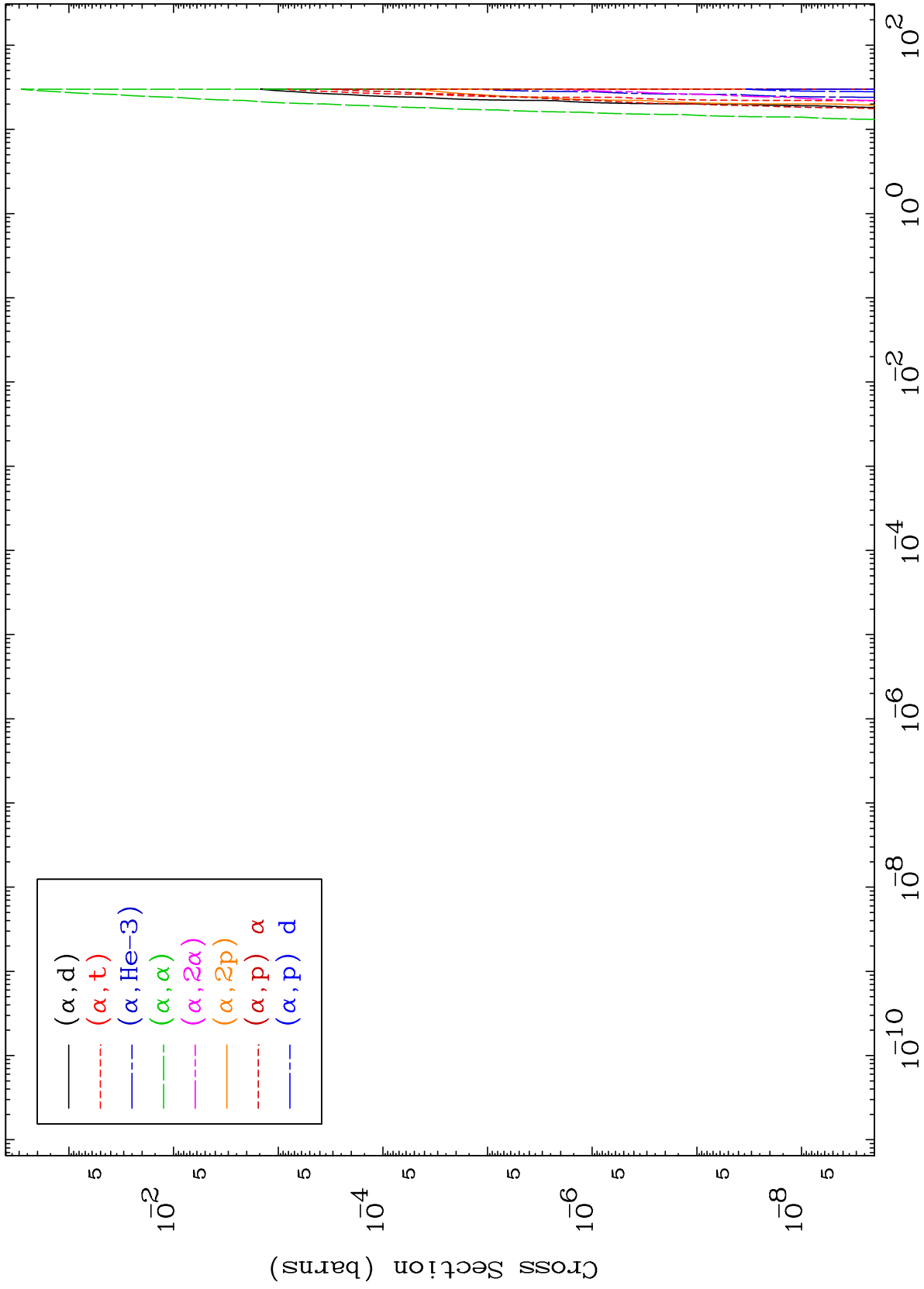




MAT 7100

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

71-Lu-166



4

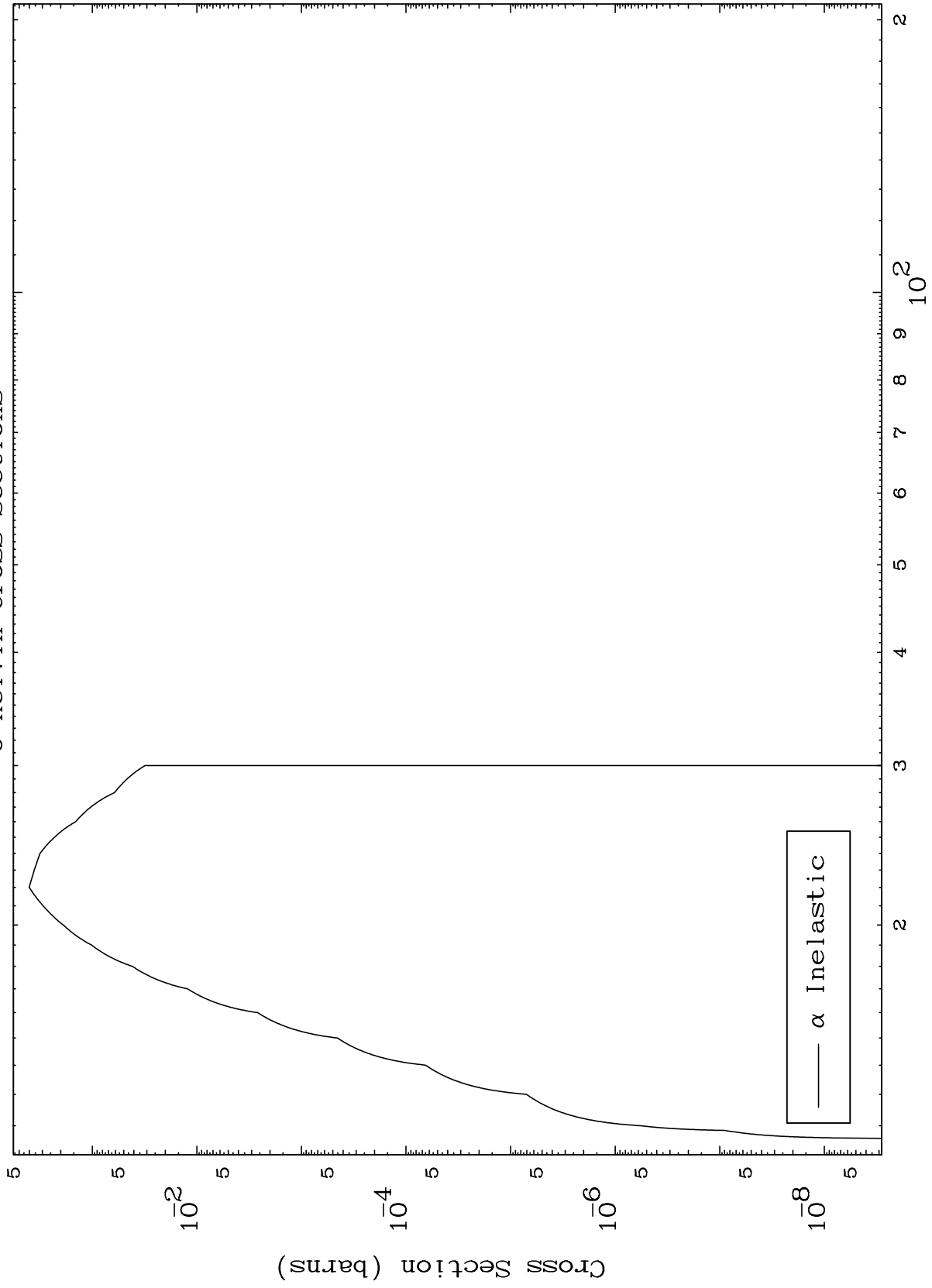
Incident Energy (MeV)

71-Lu-166

MAT 7100

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

71-Lu-166



5

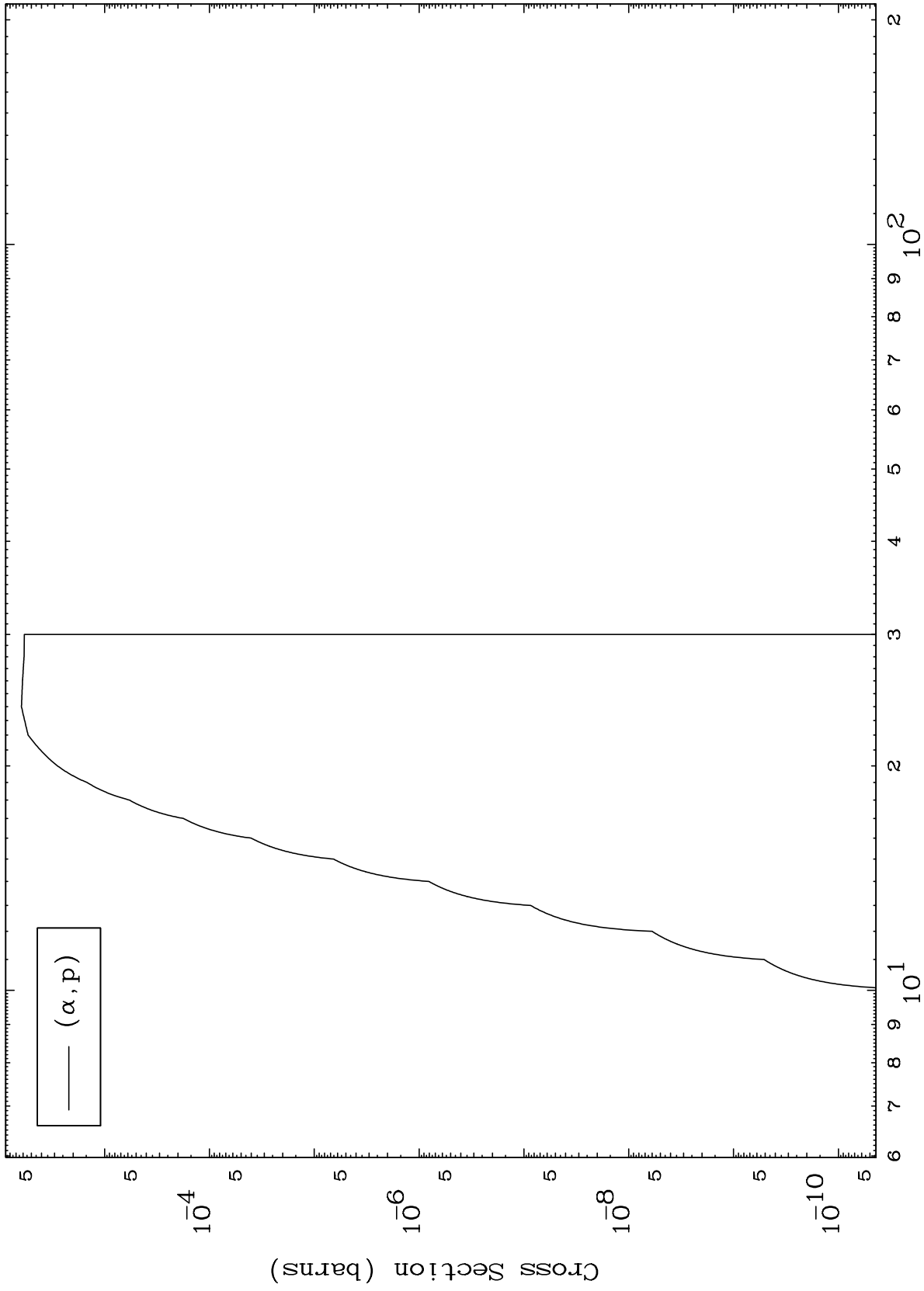
Incident Energy (MeV)

71-Lu-166

MAT 7100

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

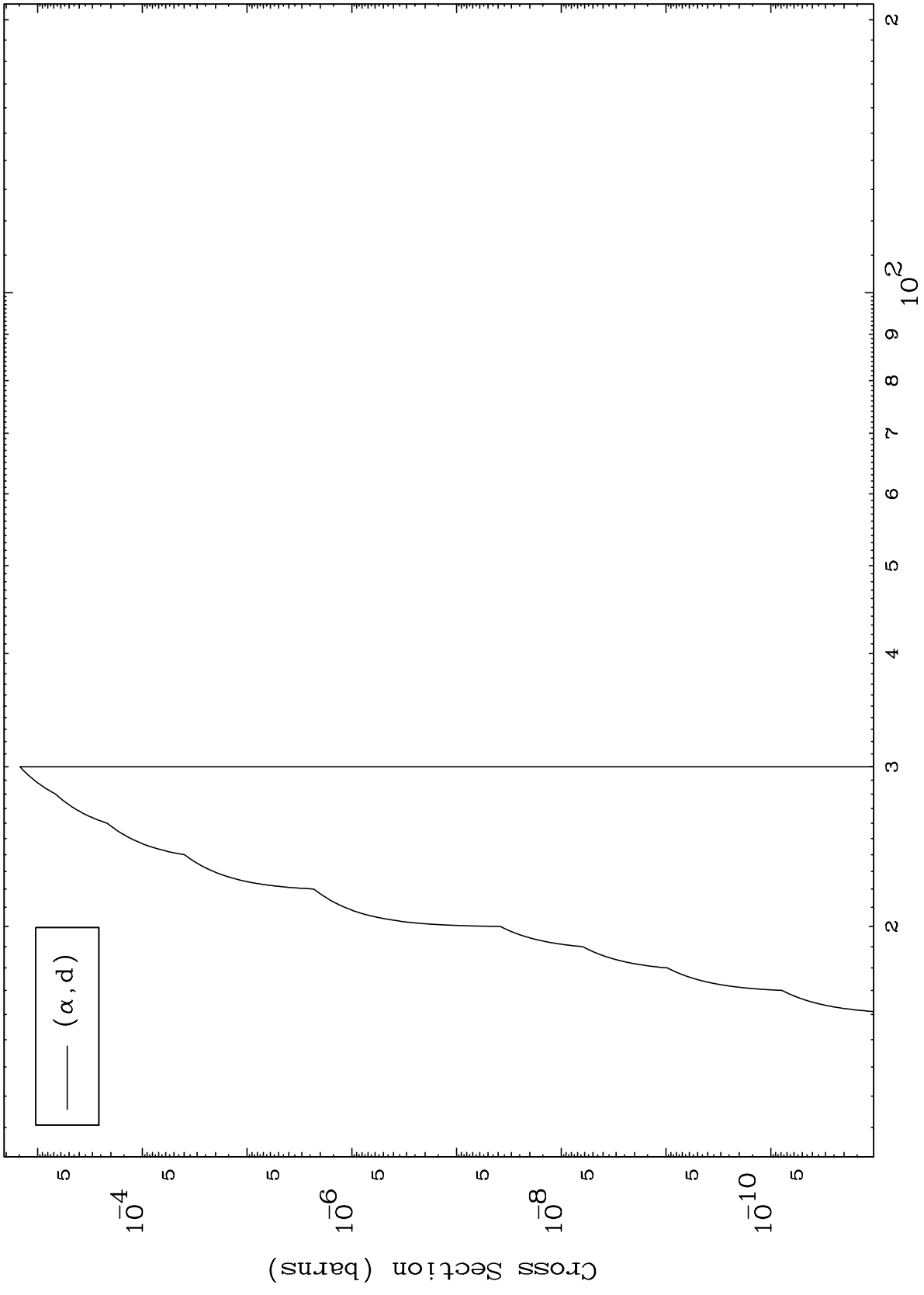
71-Lu-166



6

Incident Energy (MeV)

71-Lu-166

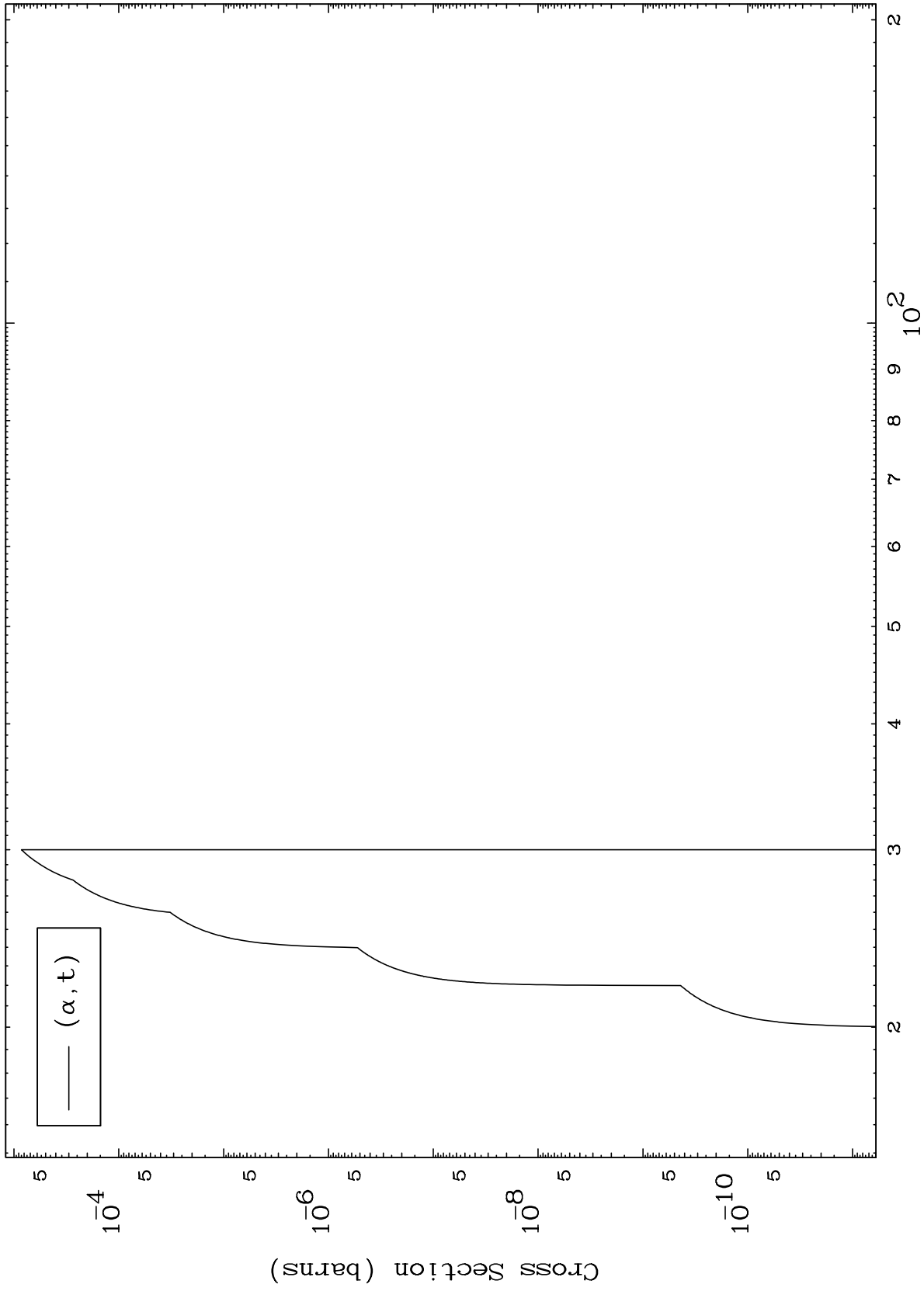




MAT 7100

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

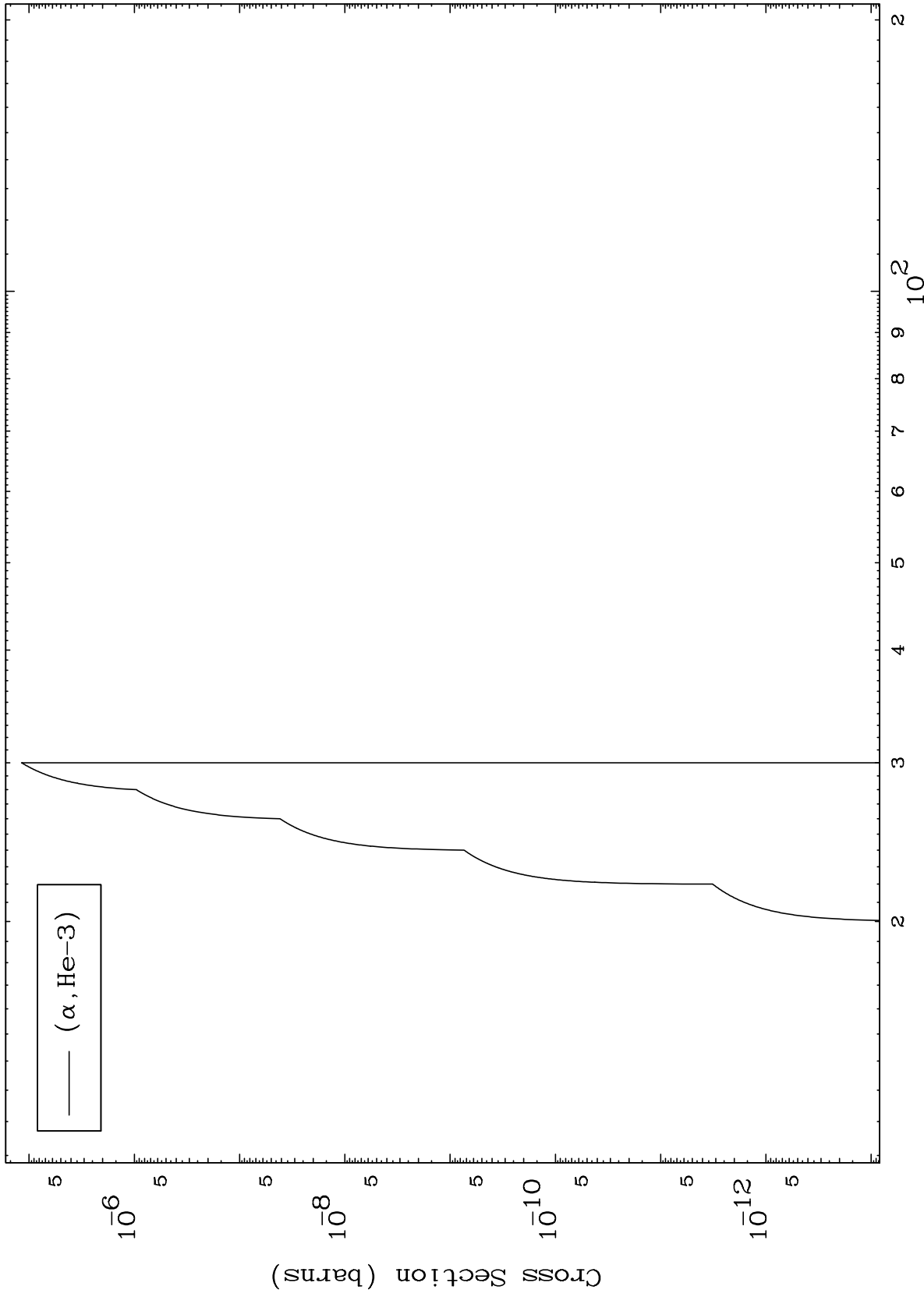
71-Lu-166



8

Incident Energy (MeV)

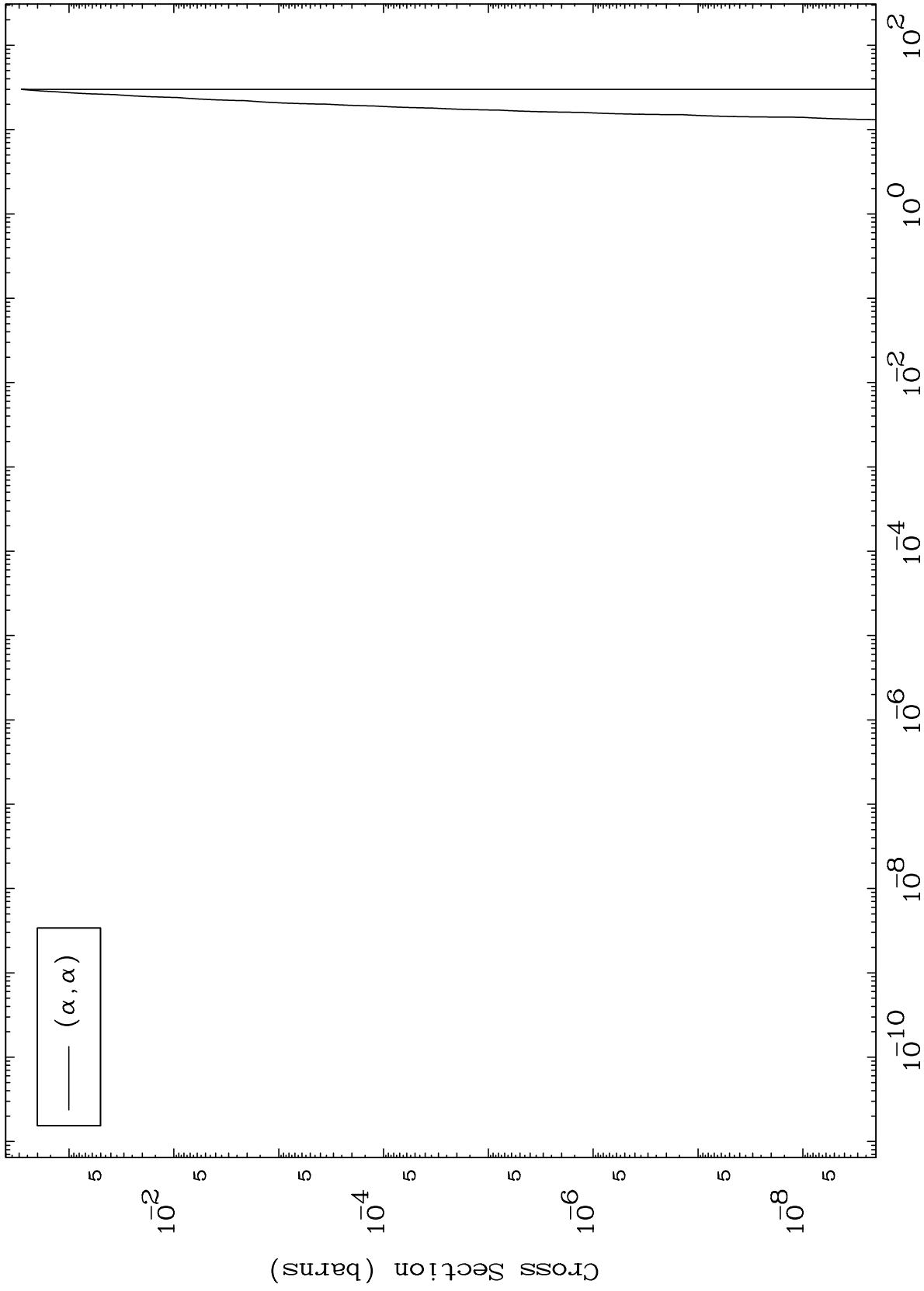
71-Lu-166



MAT 7100

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

71-Lu-166



10

Incident Energy (MeV)

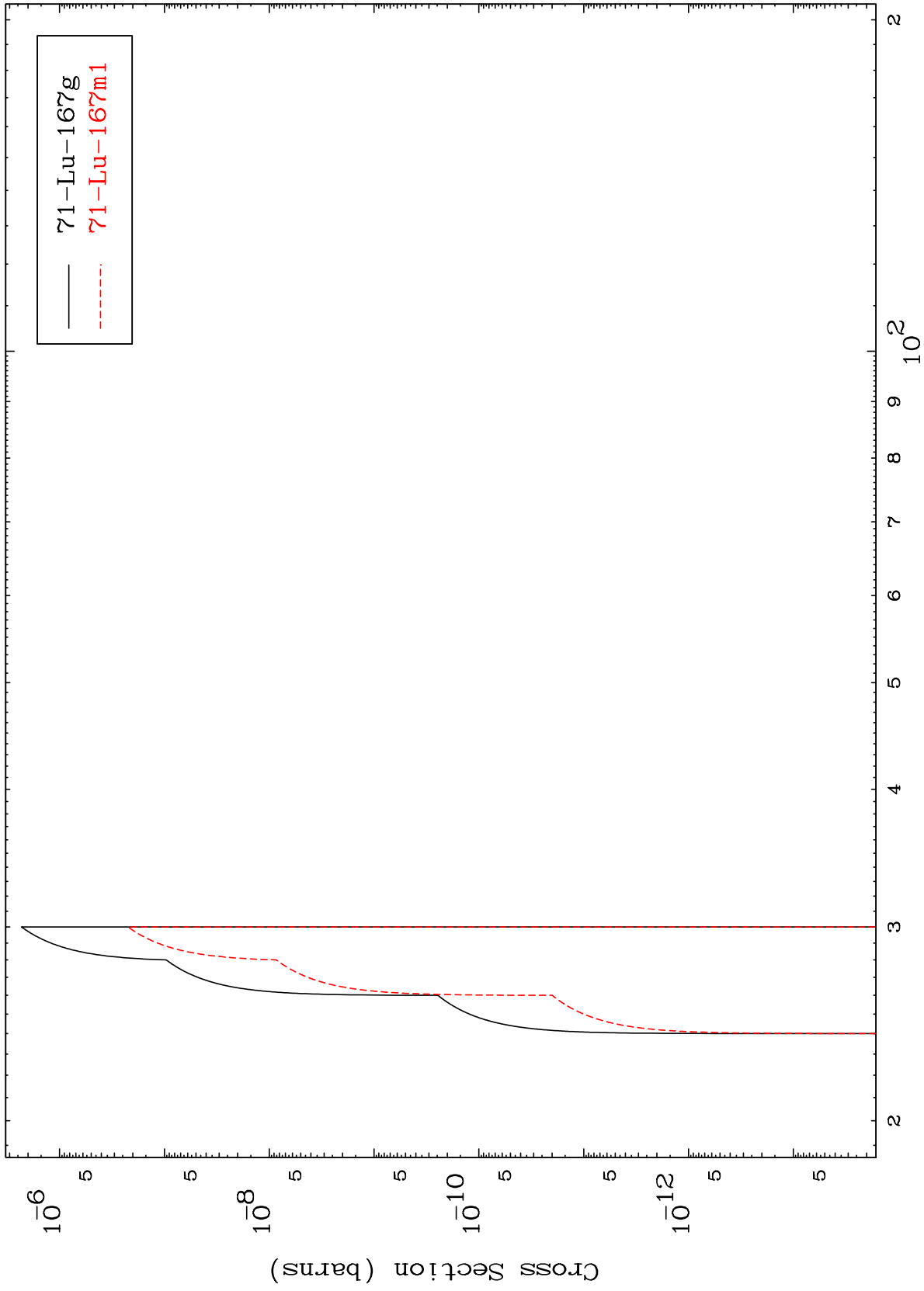
71-Lu-166

MAT 7100

( $\alpha, 2n$ ) p

<sup>71</sup>Lu-166

Radionuclide Production Cross Section



11

Incident Energy (MeV)

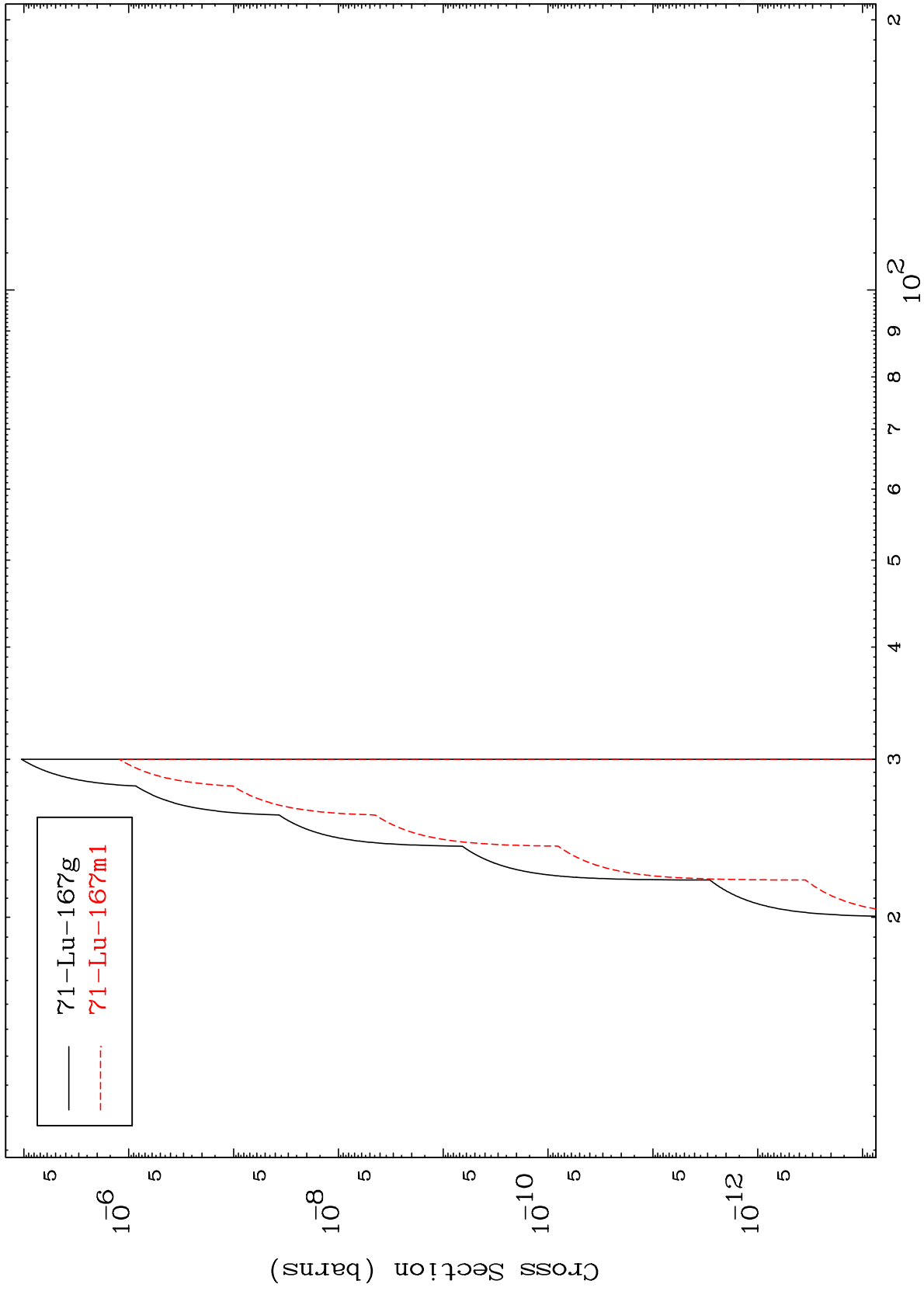
<sup>71</sup>Lu-166

MAT 7100

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

$^{71}\text{Lu-166}$

Radionuclide Production Cross Section



71-Lu-167g  
71-Lu-167m1

12

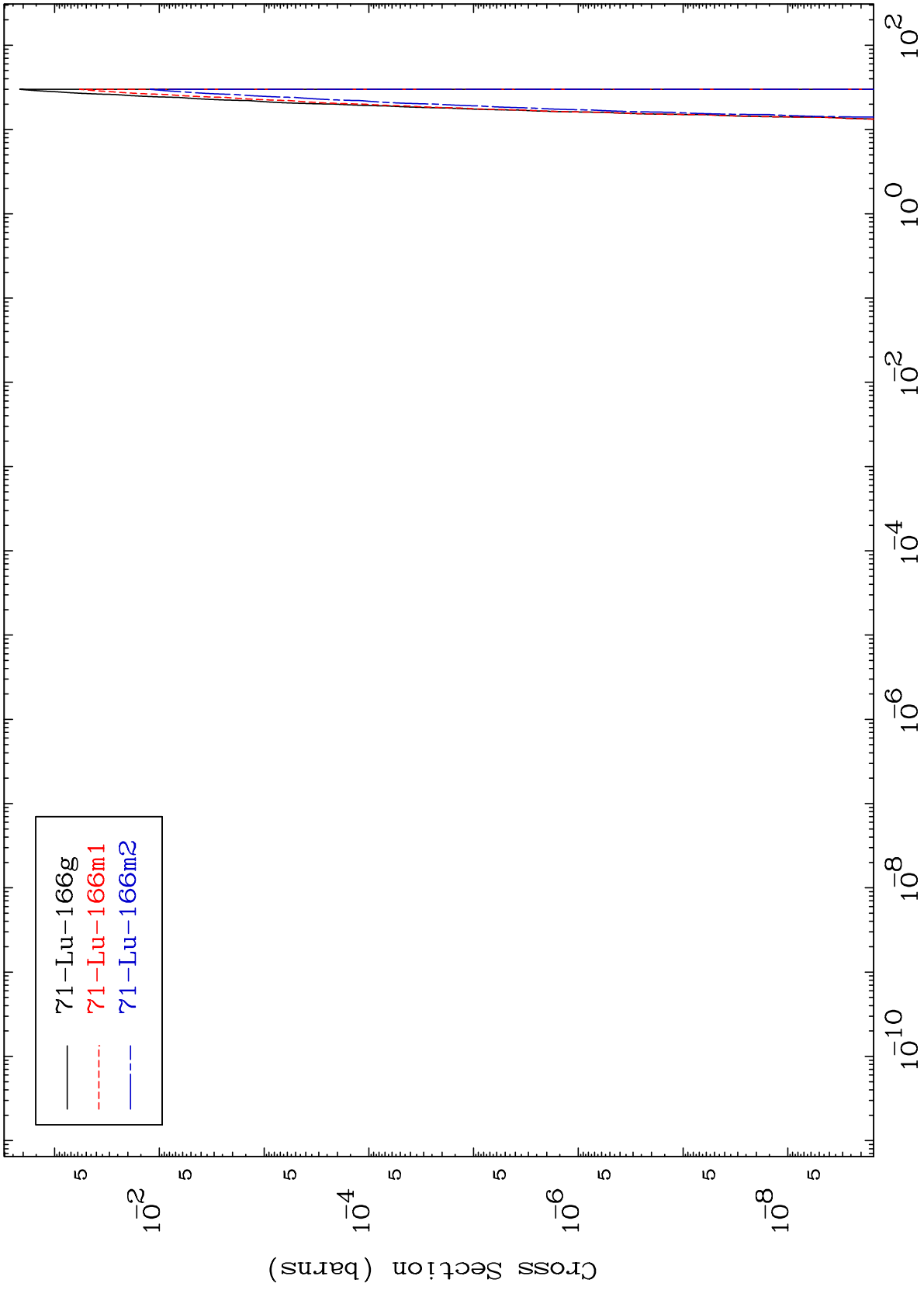
Incident Energy (MeV)

$^{71}\text{Lu-166}$

MAT 7100

<sup>71</sup>Lu-166

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



13

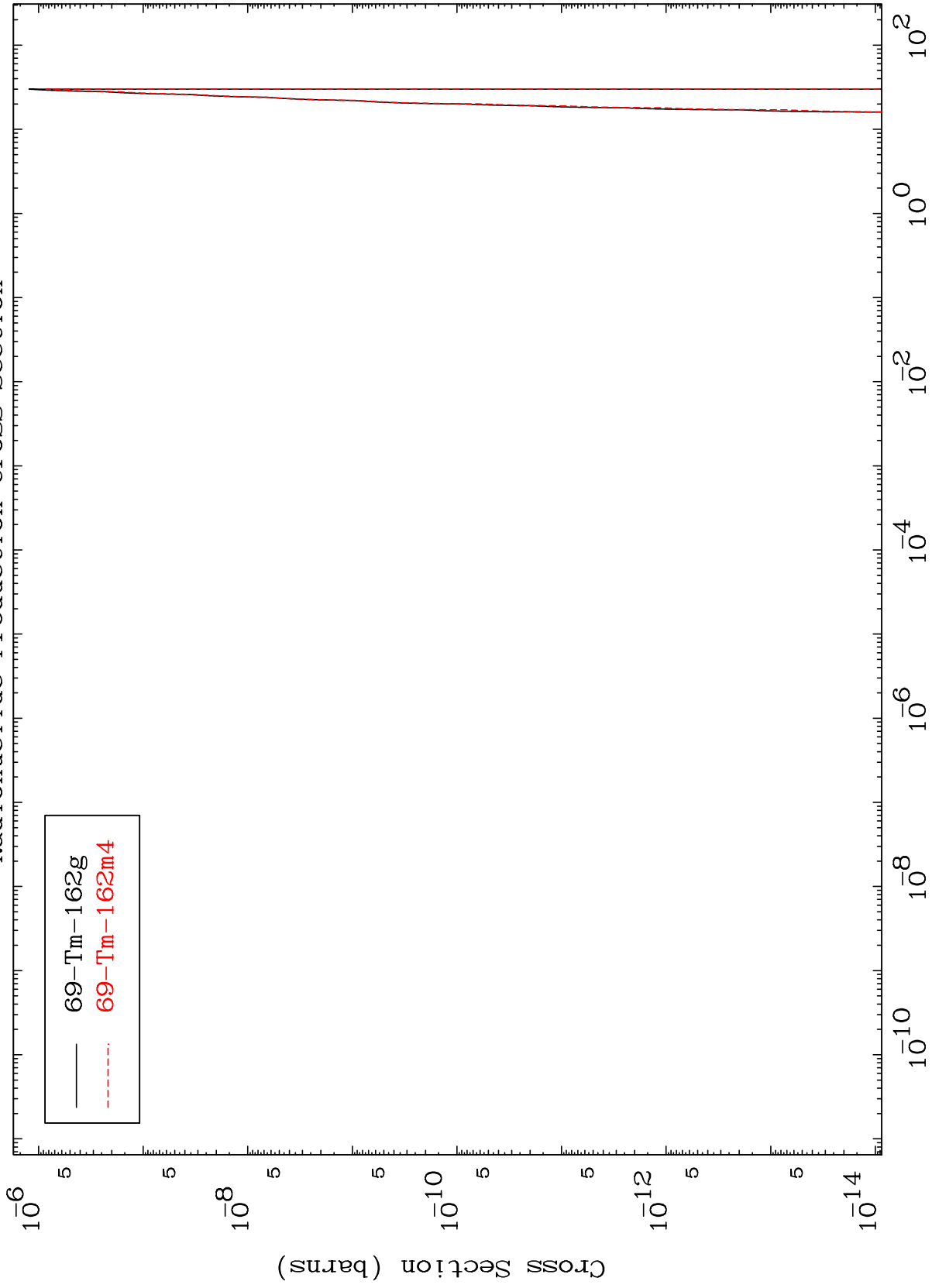
<sup>71</sup>Lu-166

MAT 7100

( $\alpha, 2\alpha$ )

<sup>71</sup>Lu-166

Radionuclide Production Cross Section



14

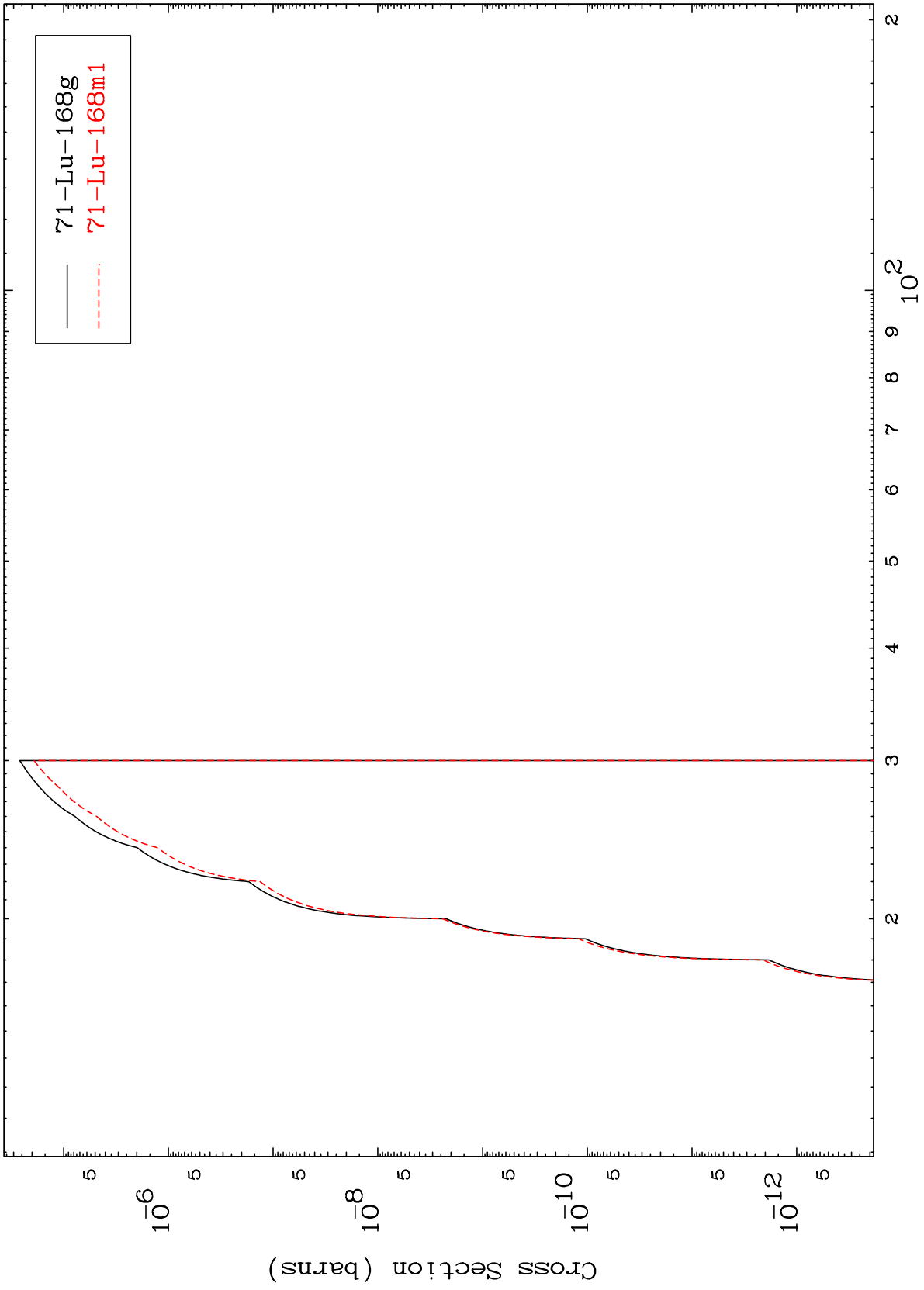
Incident Energy (MeV)

<sup>71</sup>Lu-166

MAT 7100

71-Lu-166

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



15

Incident Energy (MeV)

71-Lu-166

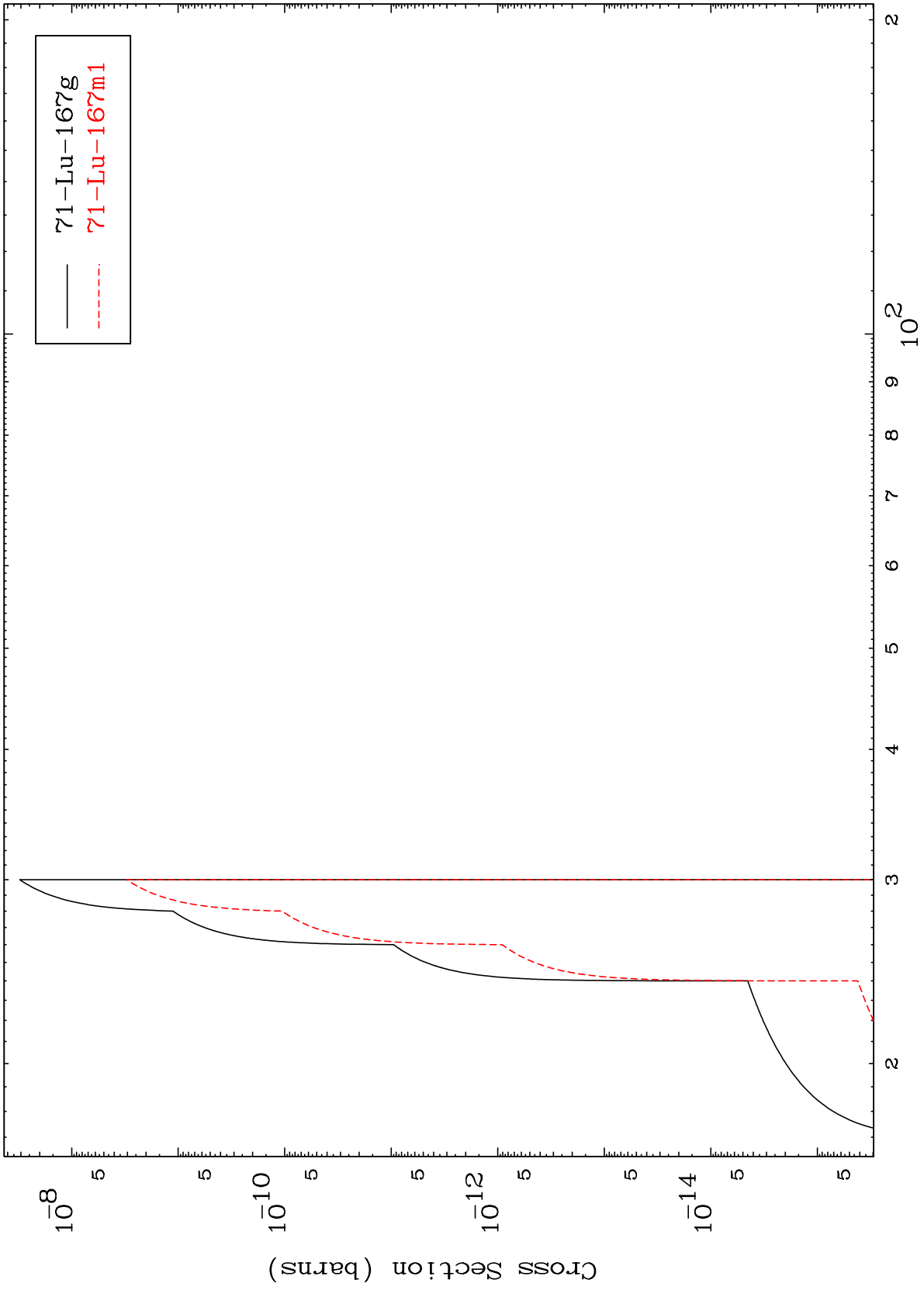


MAT 7100

( $\alpha, p$ ) d

<sup>71</sup>Lu-166

Radionuclide Production Cross Section



16

Incident Energy (MeV)

<sup>71</sup>Lu-166