

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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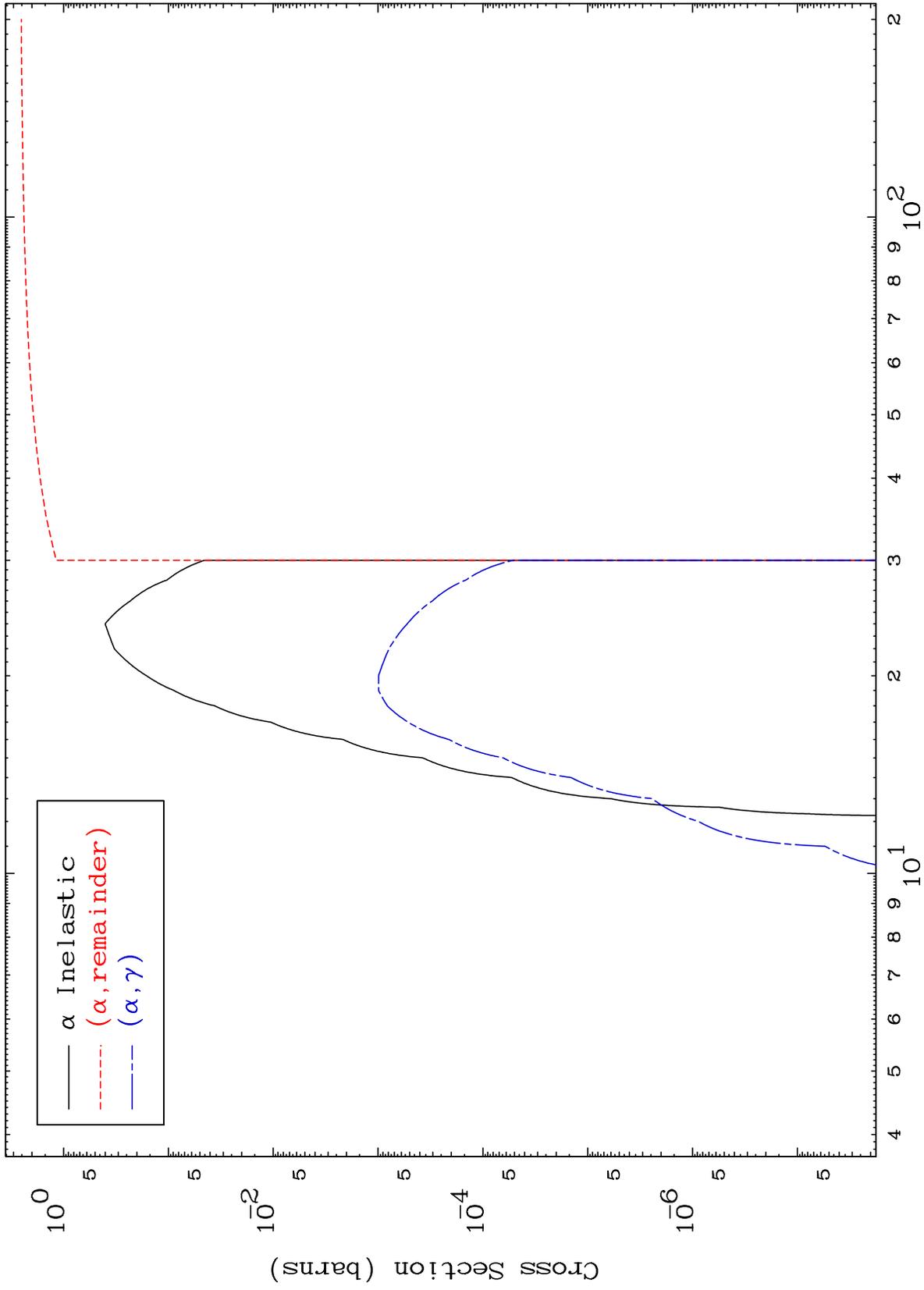
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7092

0 Kelvin  $\alpha$  Major  
Cross Sections

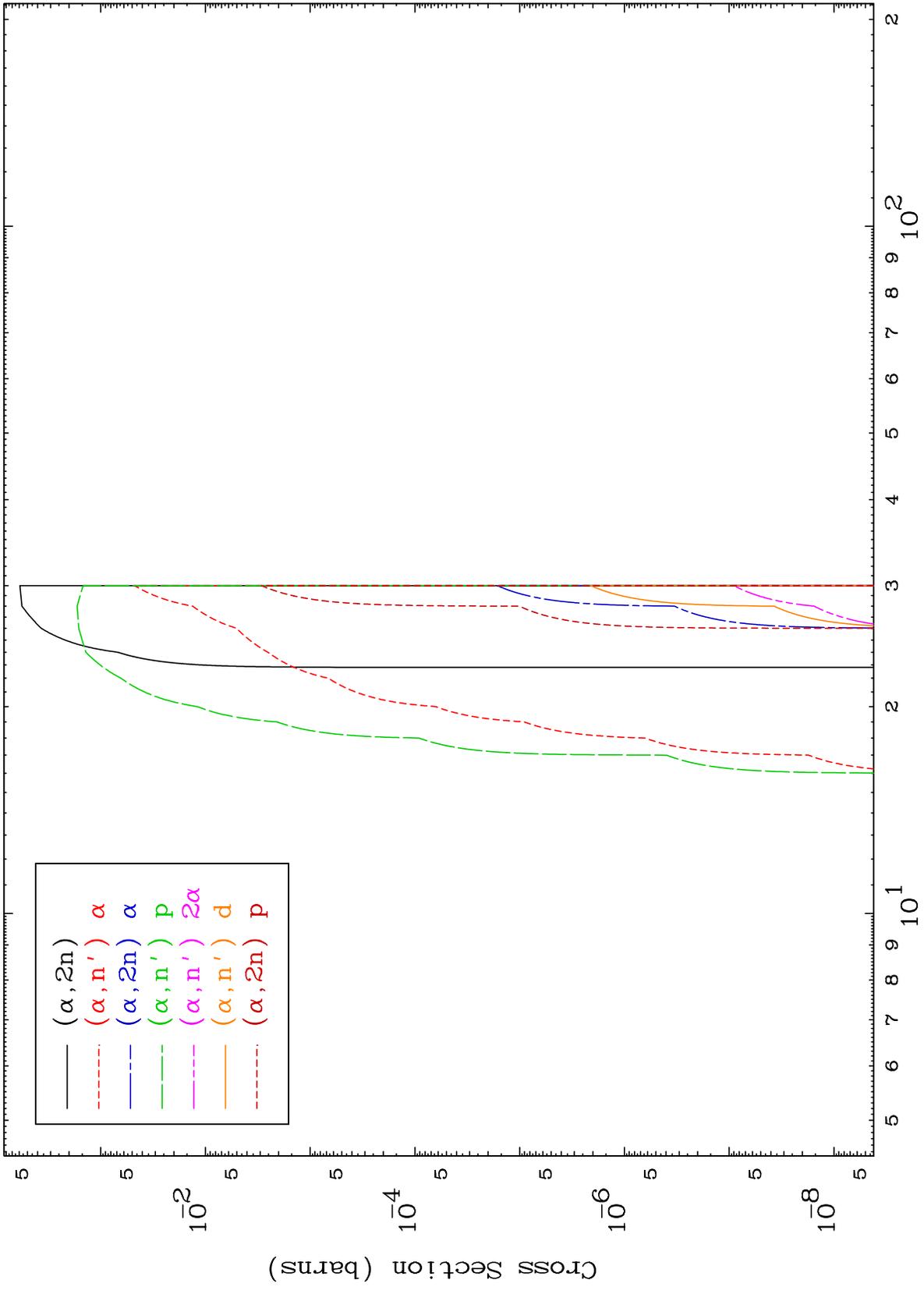
<sup>71</sup>Lu-164

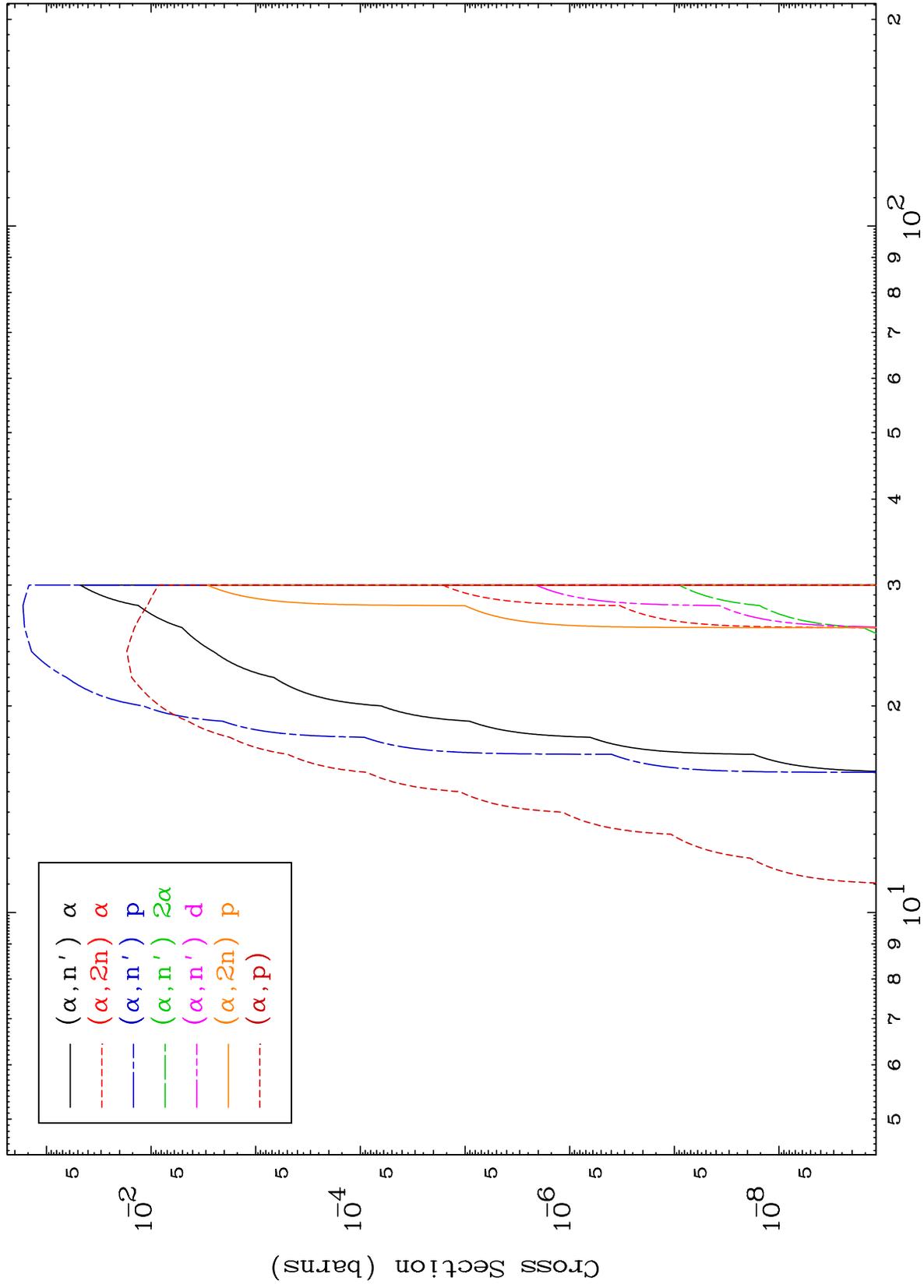


1

Incident Energy (MeV)

<sup>71</sup>Lu-164

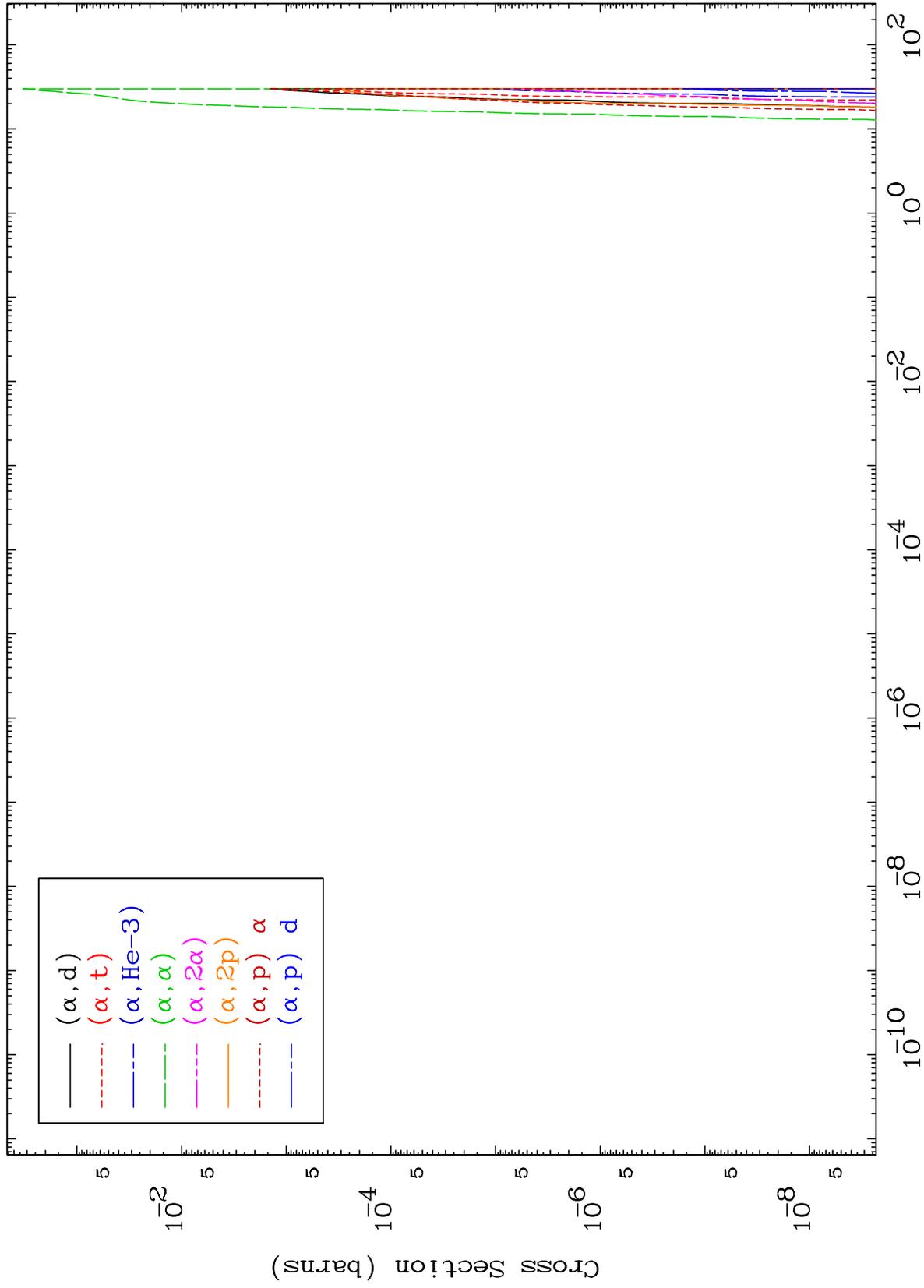


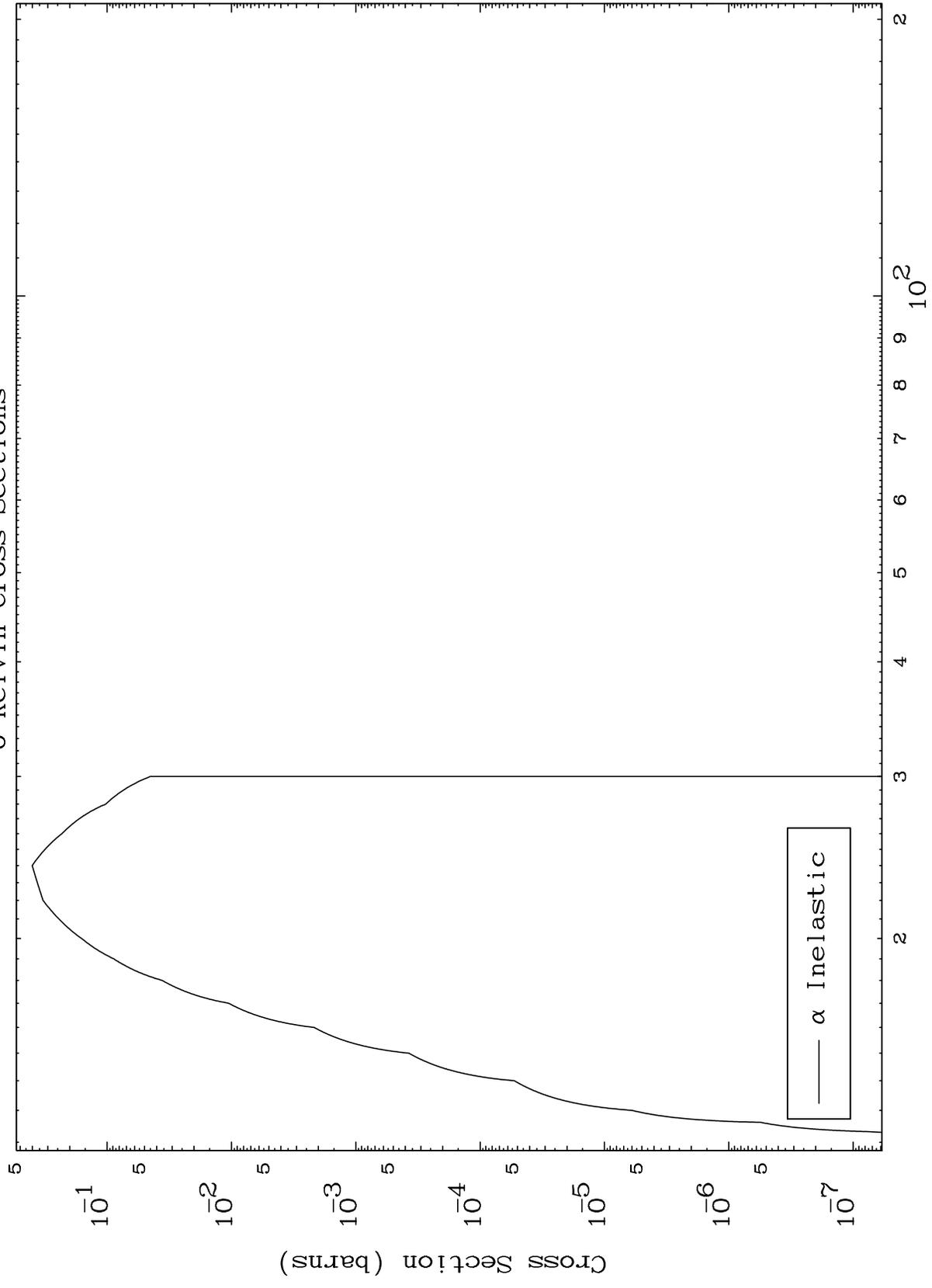


MAT 7092

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

71-Lu-164

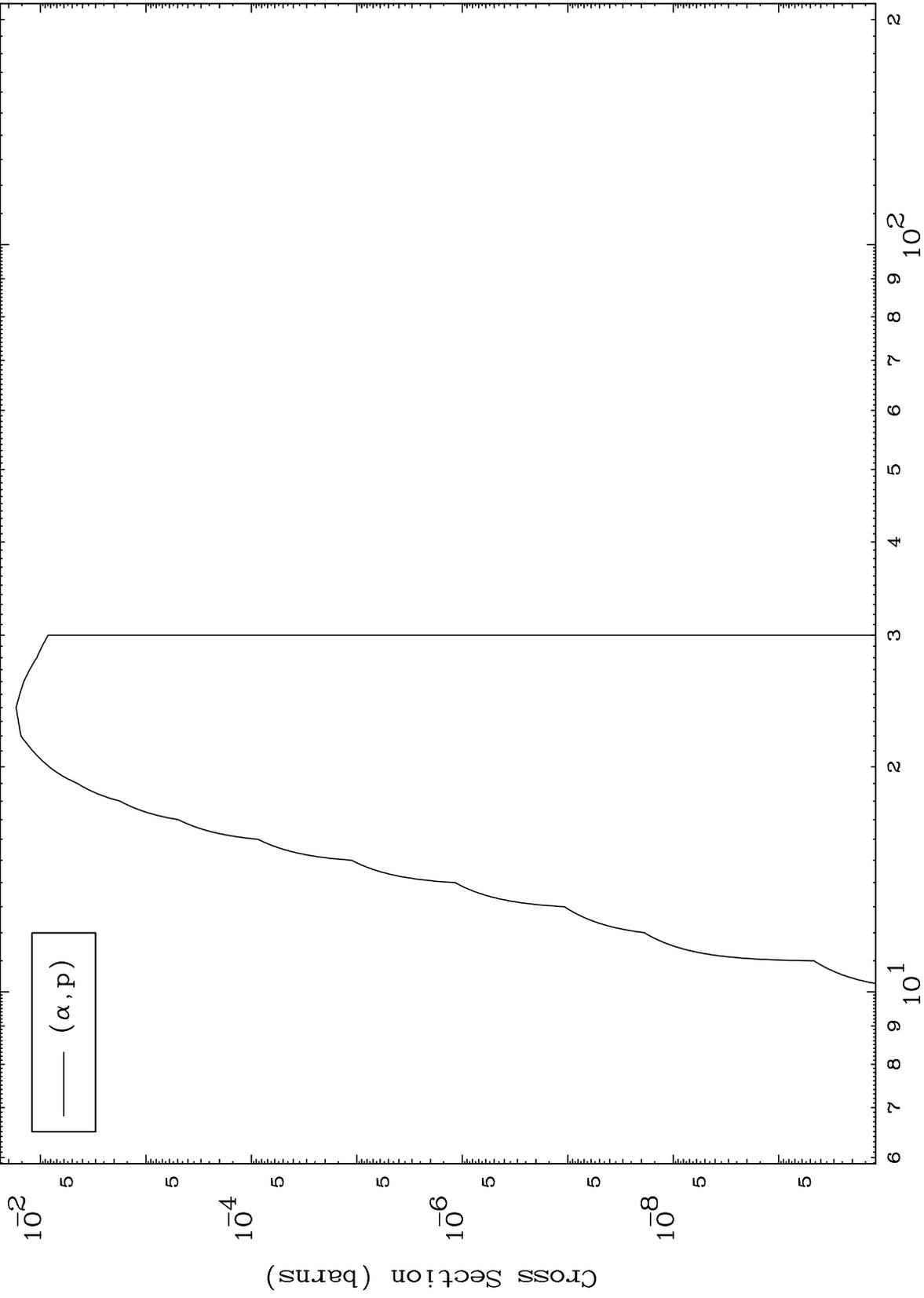




MAT 7092

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

71-Lu-164



6

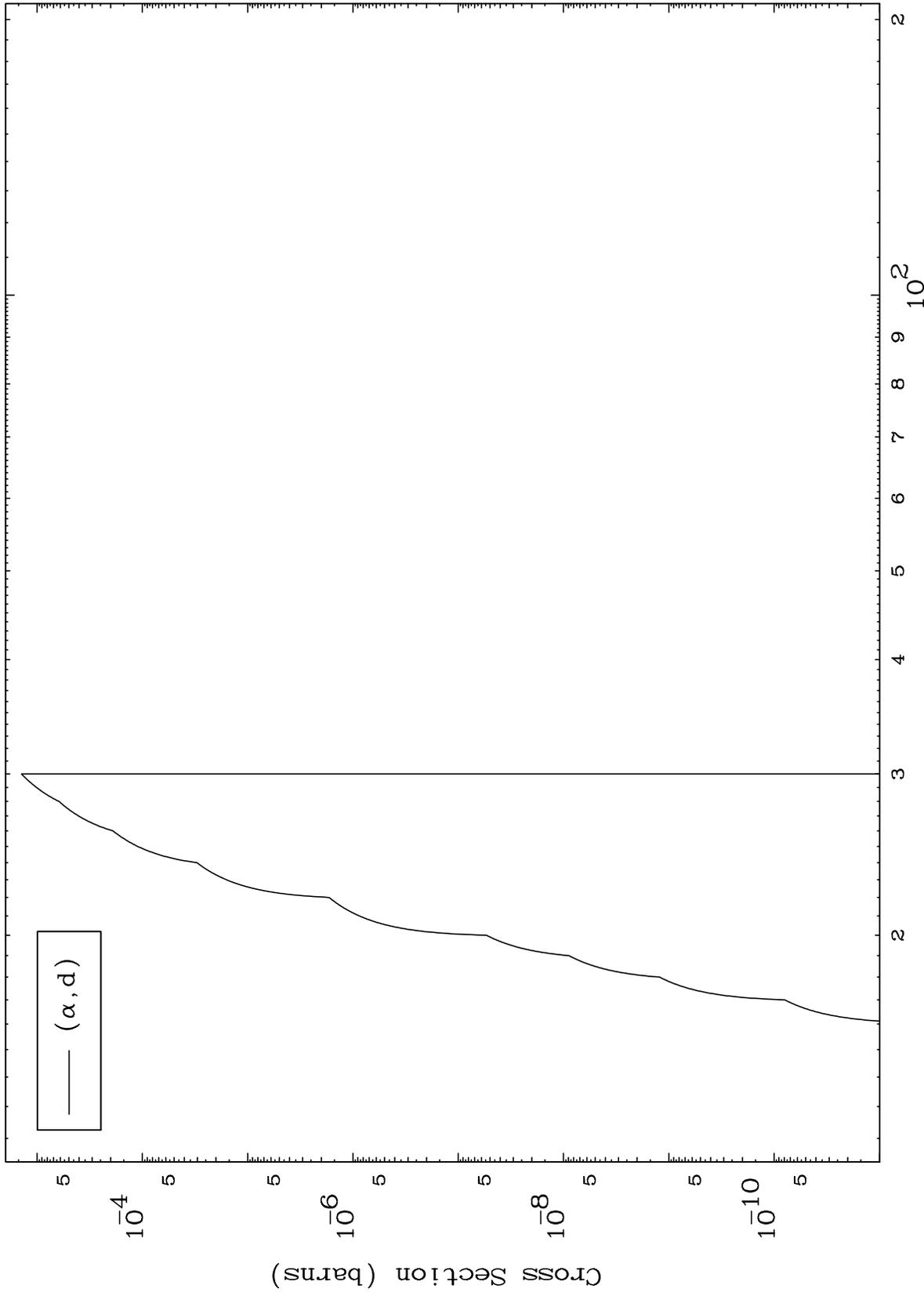
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

71-Lu-164



7

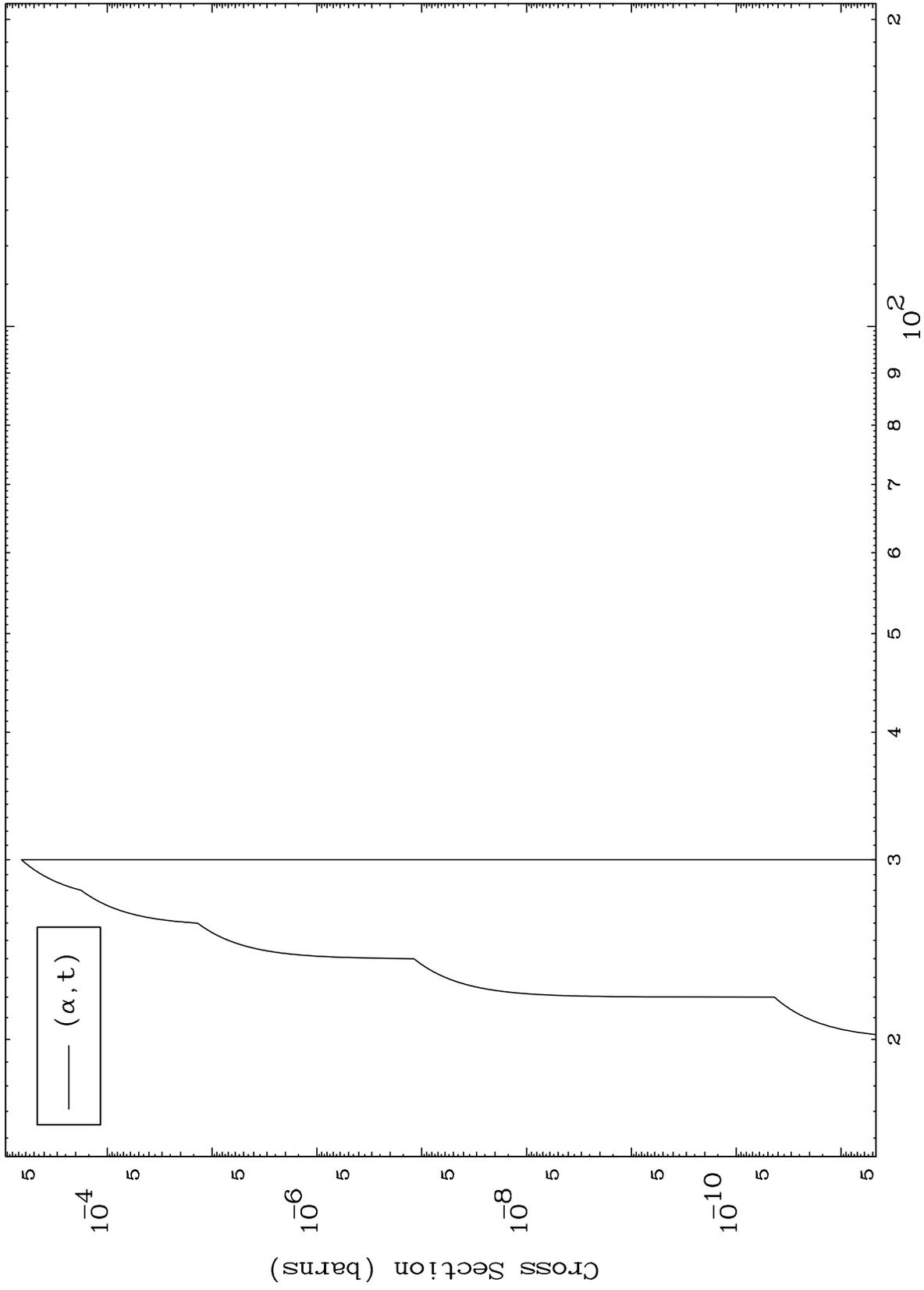
Incident Energy (MeV)

71-Lu-164

MAT 7092

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

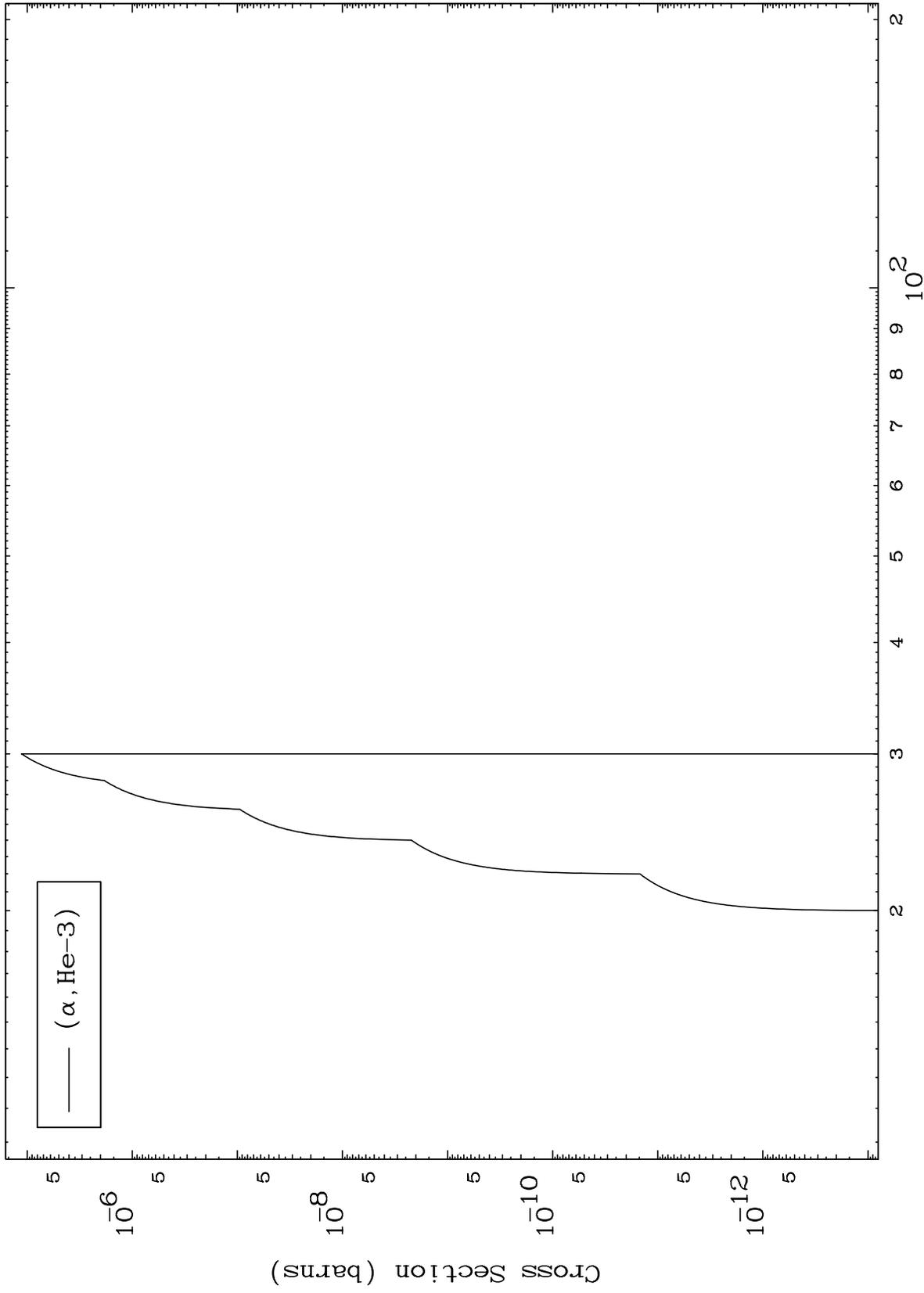
71-Lu-164



8

Incident Energy (MeV)

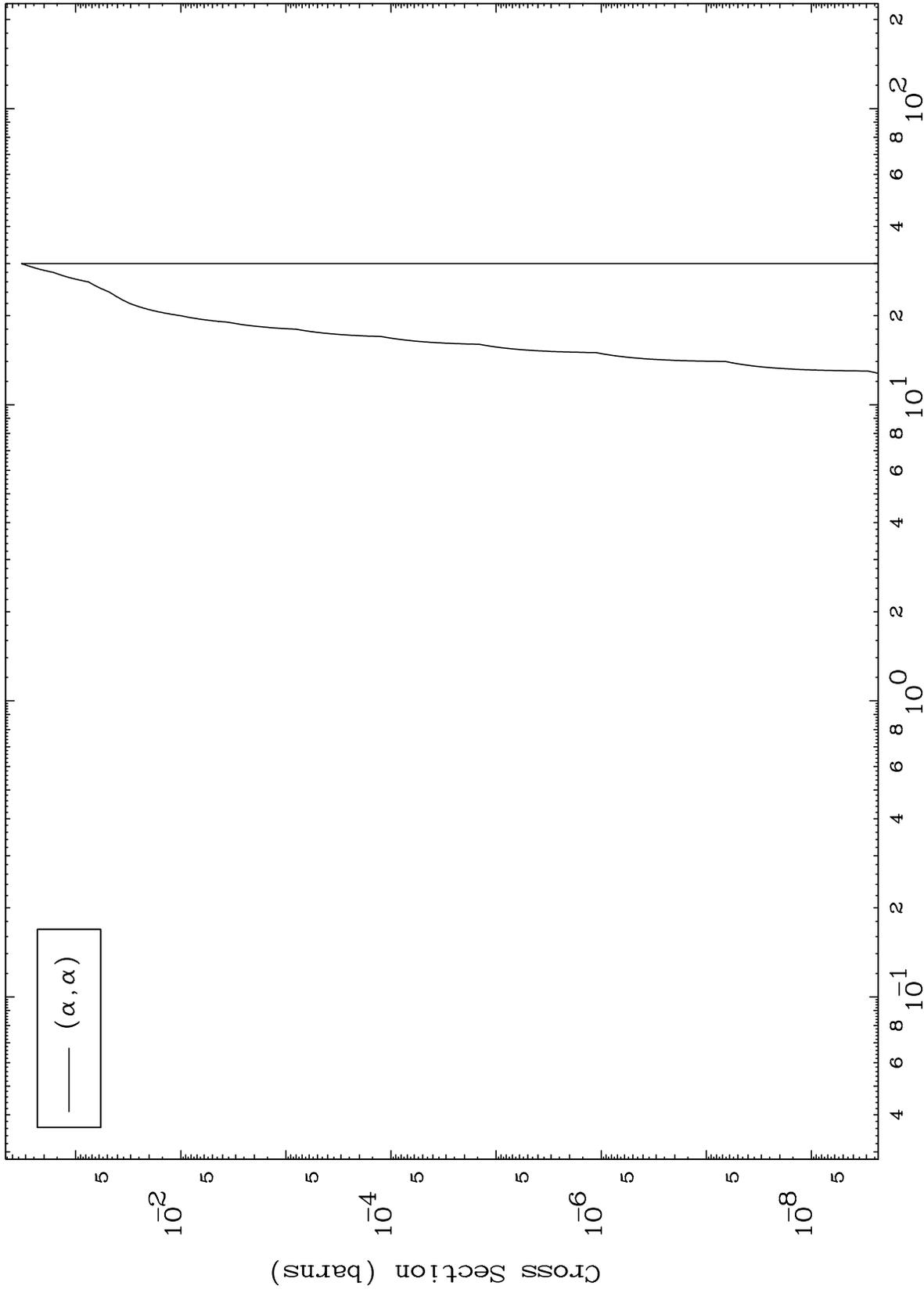
71-Lu-164



MAT 7092

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

71-Lu-164



10

Incident Energy (MeV)

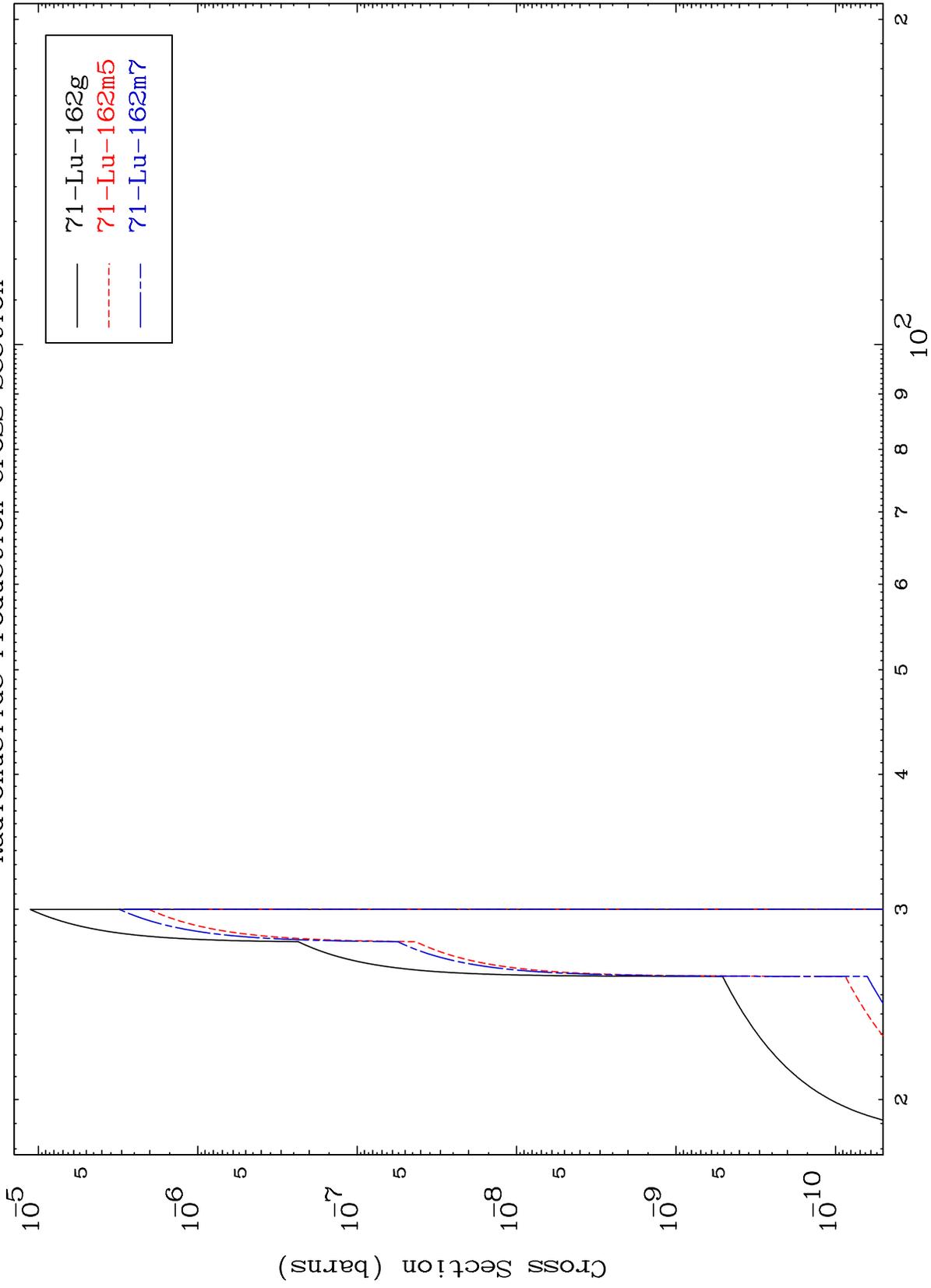
71-Lu-164

MAT 7092

$(\alpha, 2n) \alpha$

$^{71}\text{Lu-164}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

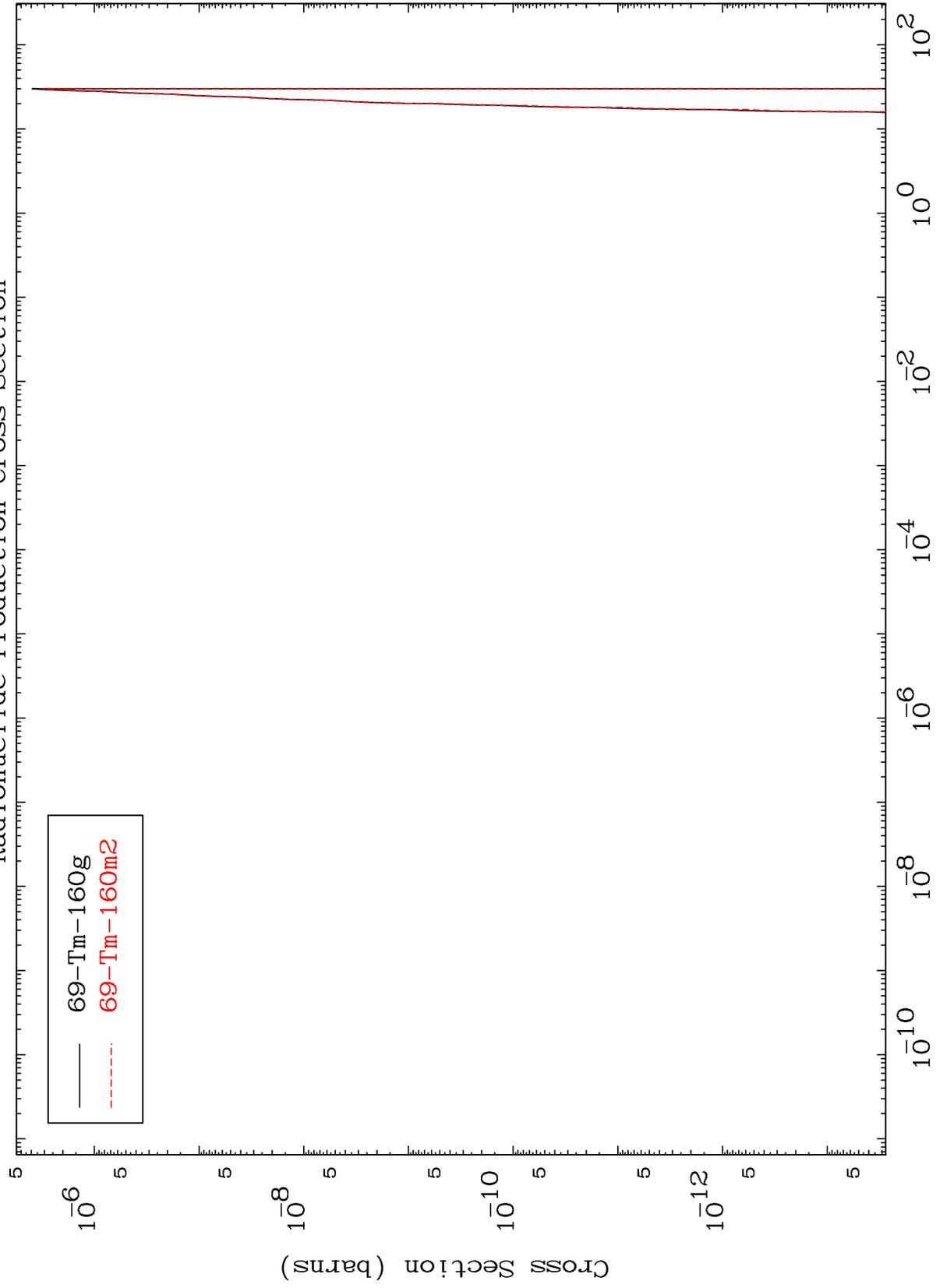
$^{71}\text{Lu-164}$

MAT 7092

( $\alpha, 2\alpha$ )

<sup>71</sup>Lu-164

Radionuclide Production Cross Section



12

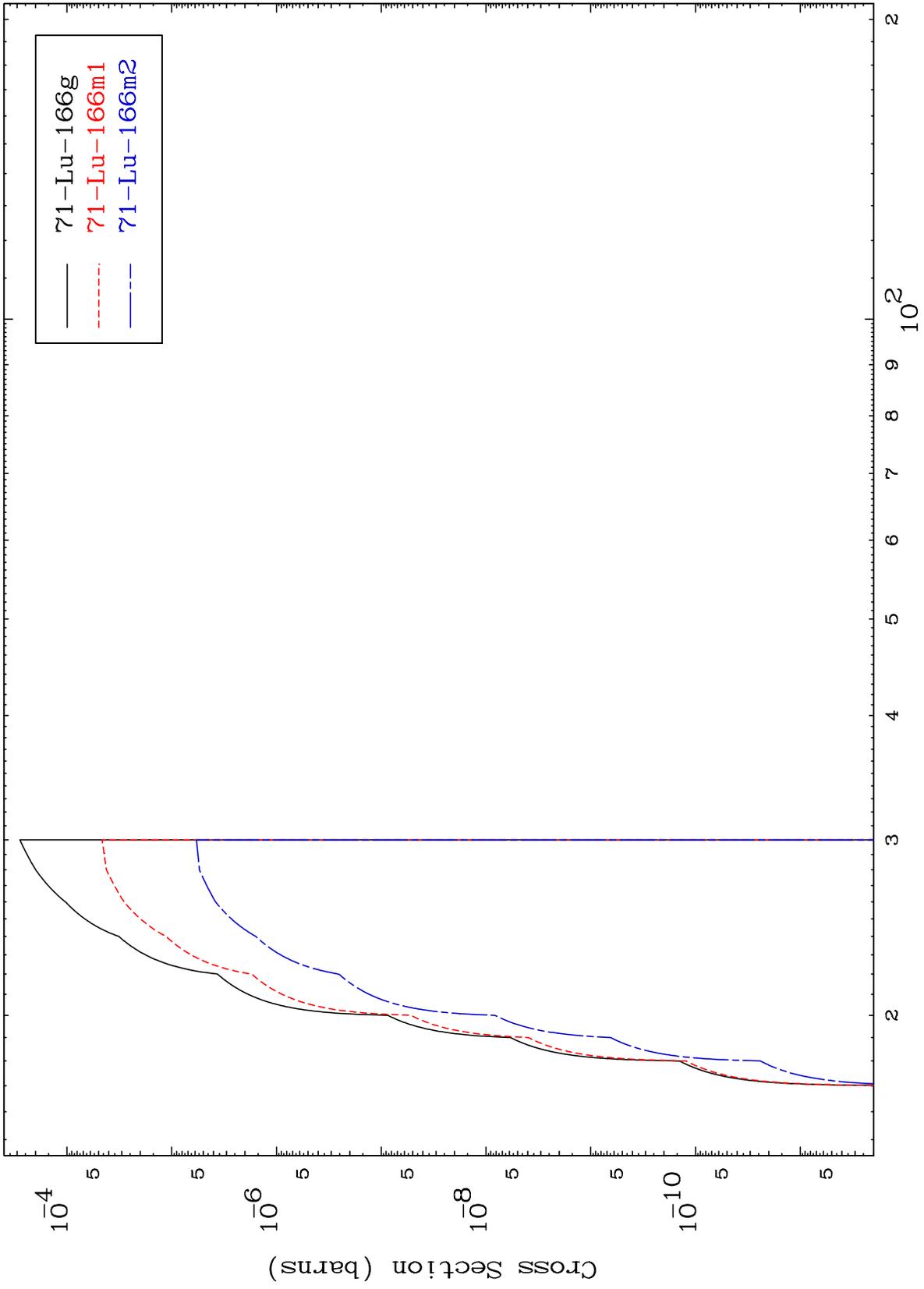
Incident Energy (MeV)

<sup>71</sup>Lu-164

MAT 7092

71-Lu-164

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



13

71-Lu-164

Incident Energy (MeV)