

Program EVALPLOT  
(Version 2021-1)

by

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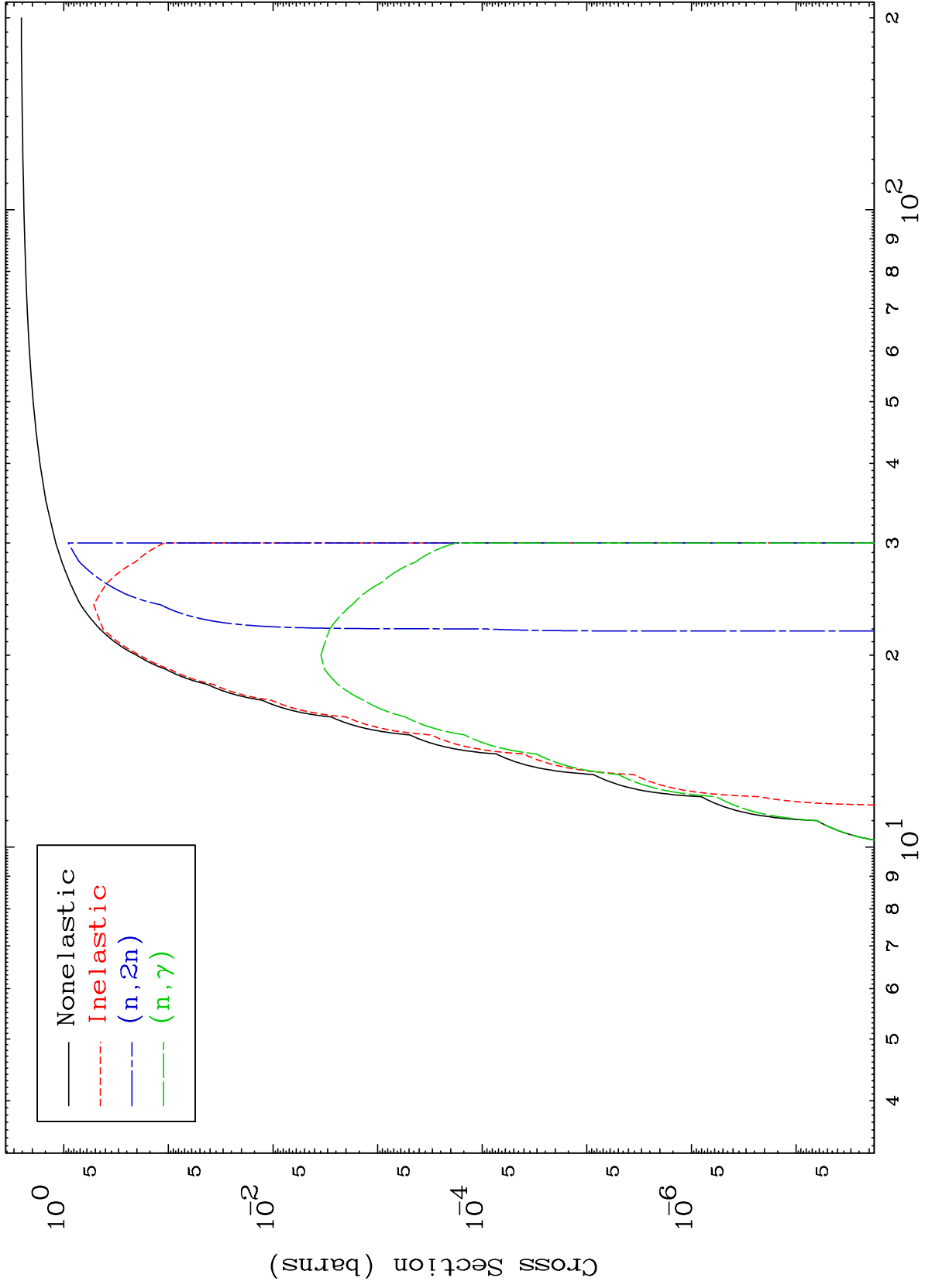
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7099

0 Kelvin  
 $\alpha$  Major Cross Sections

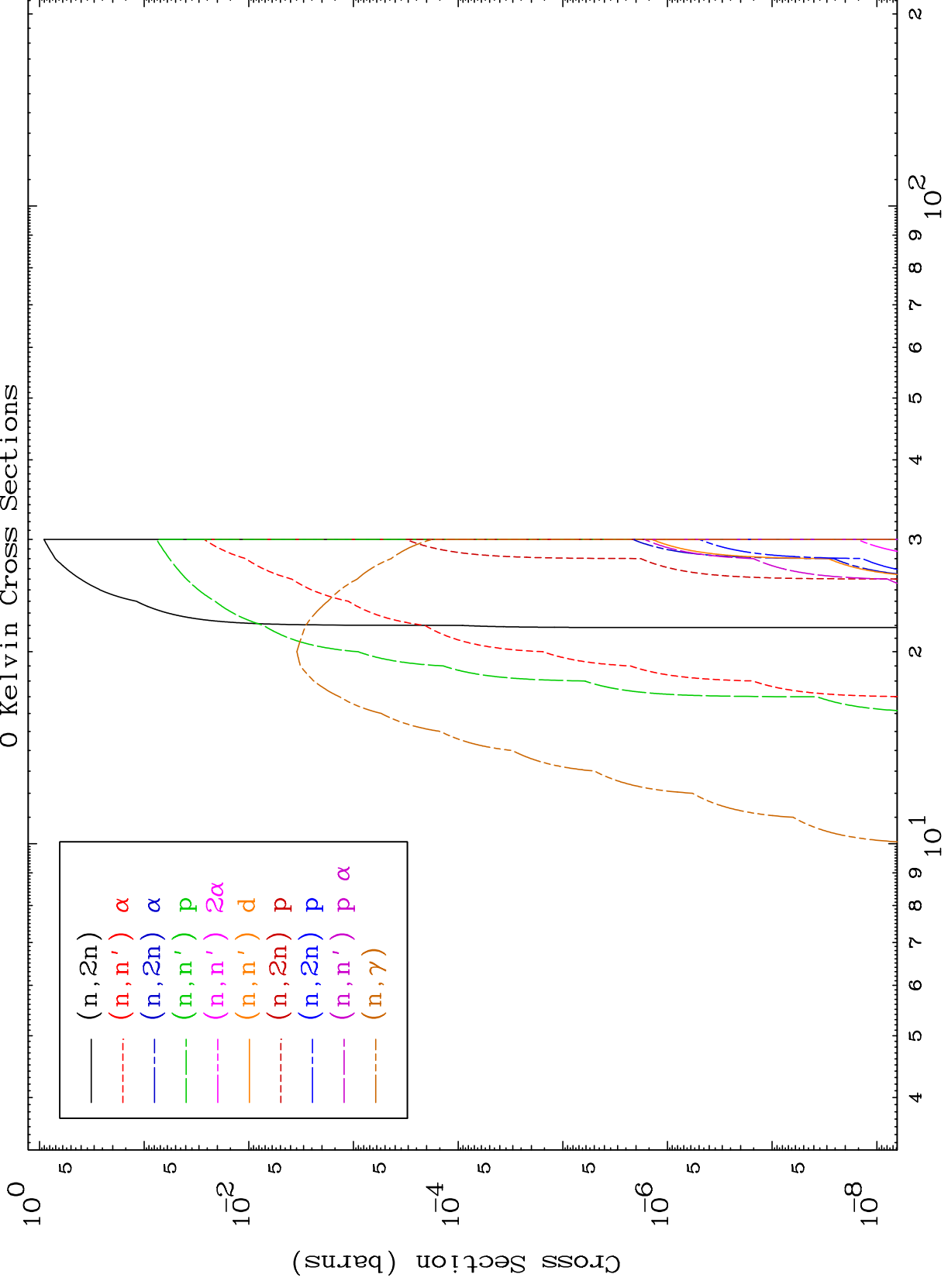
<sup>71</sup>Lu-166m



MAT 7099

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

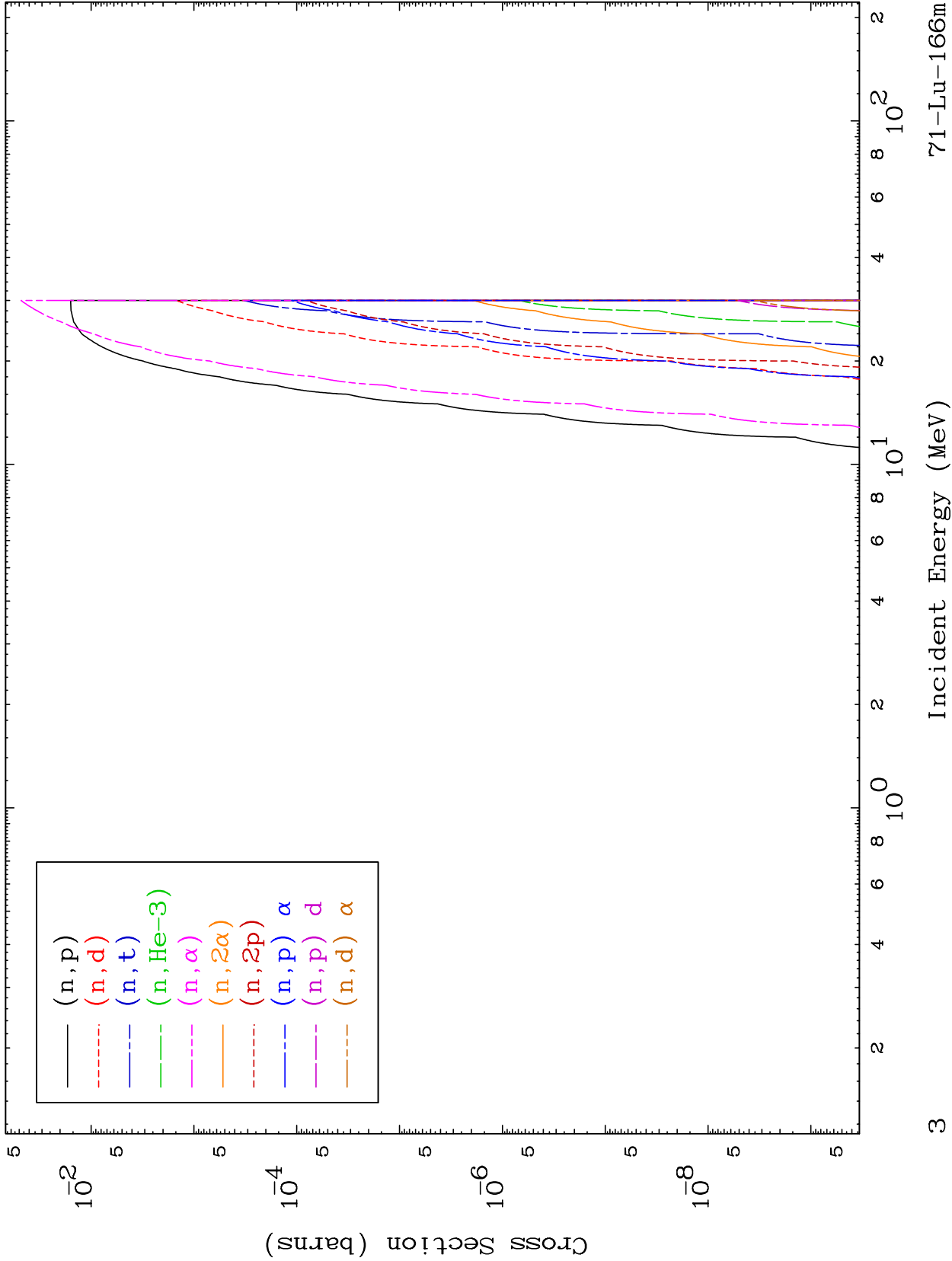
$^{71}\text{Lu-166m}$

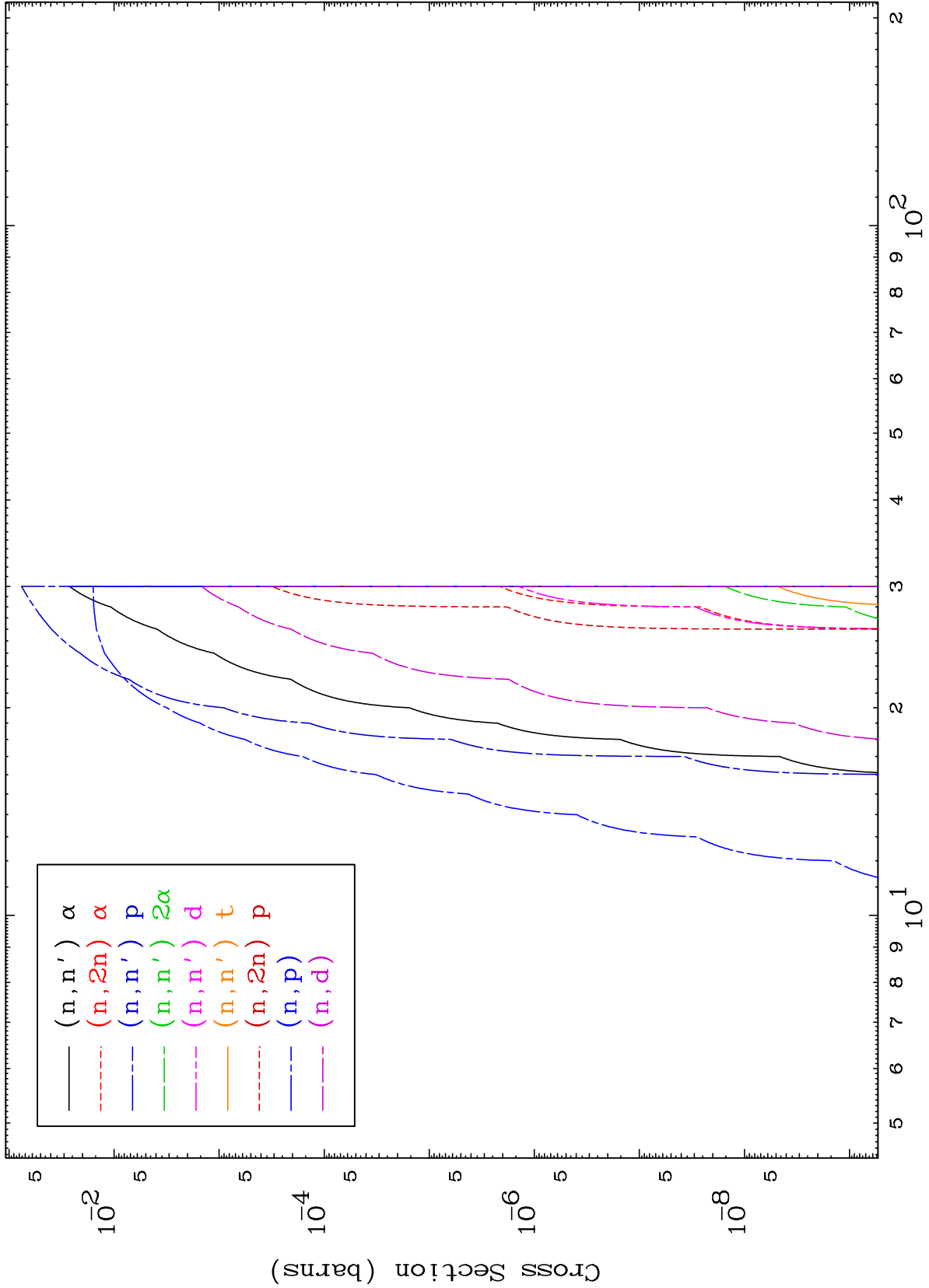


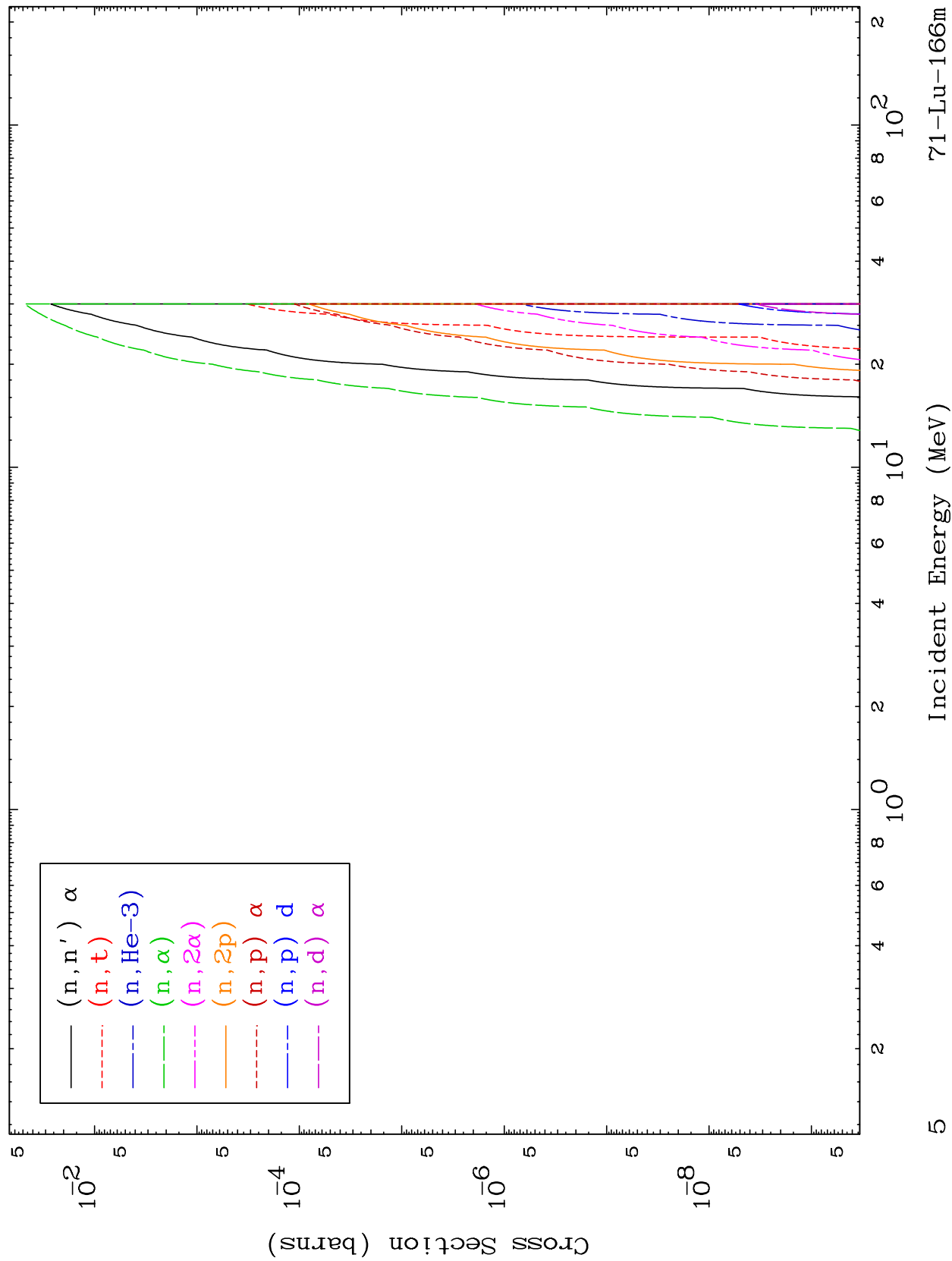
MAT 7099

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

<sup>71</sup>Lu-166m



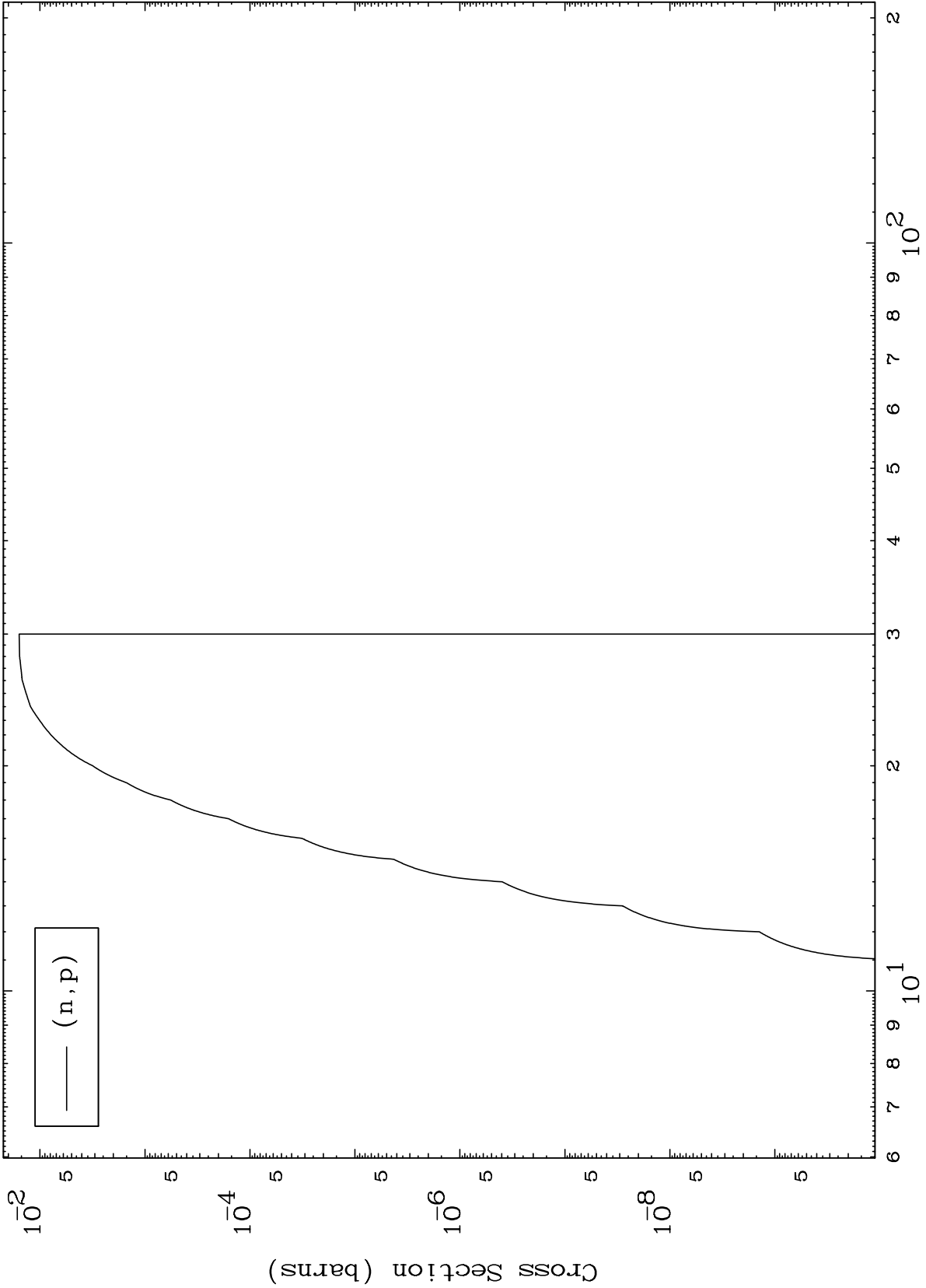




MAT 7099

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

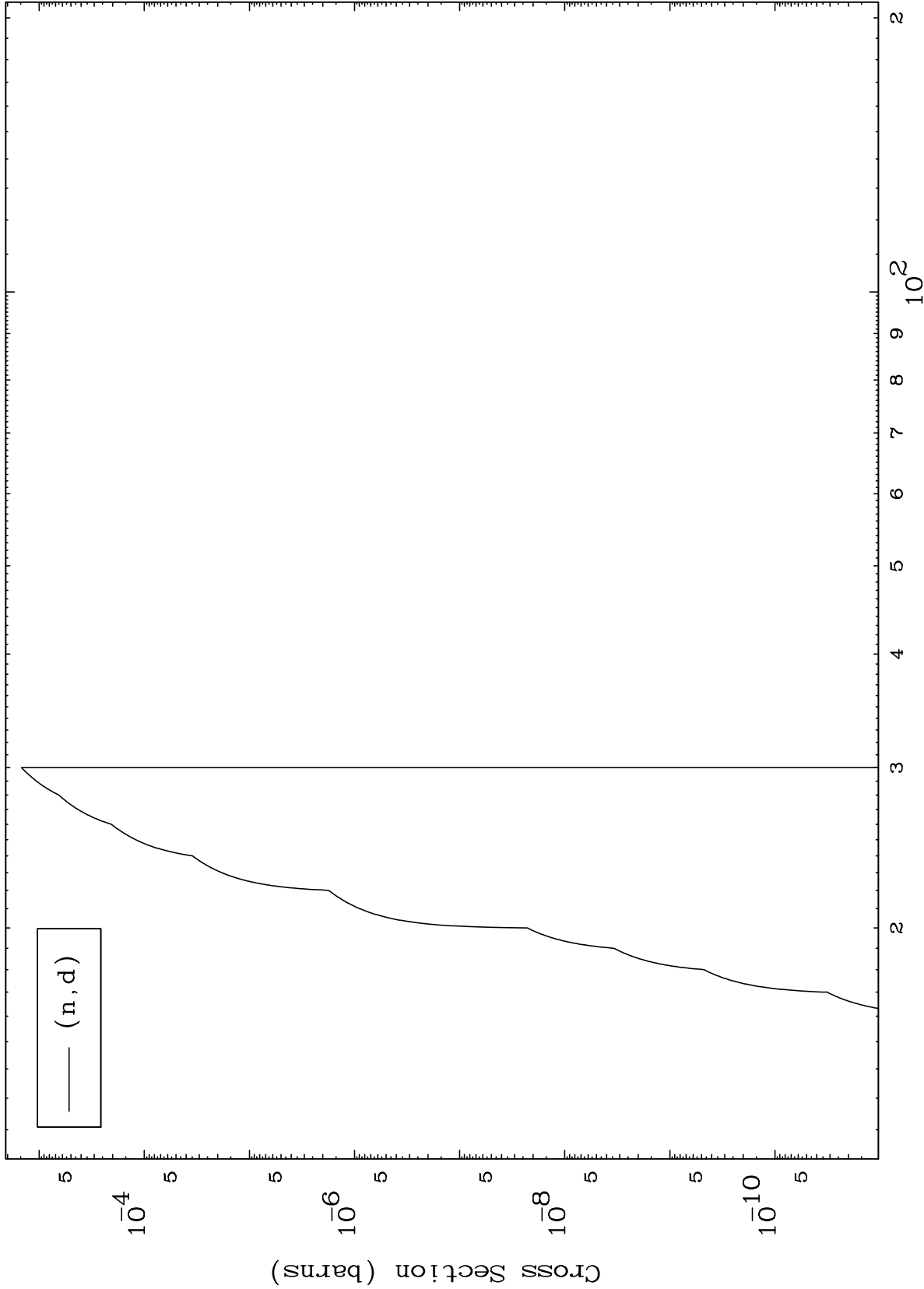
$^{71}\text{Lu}-166\text{m}$



6

Incident Energy (MeV)

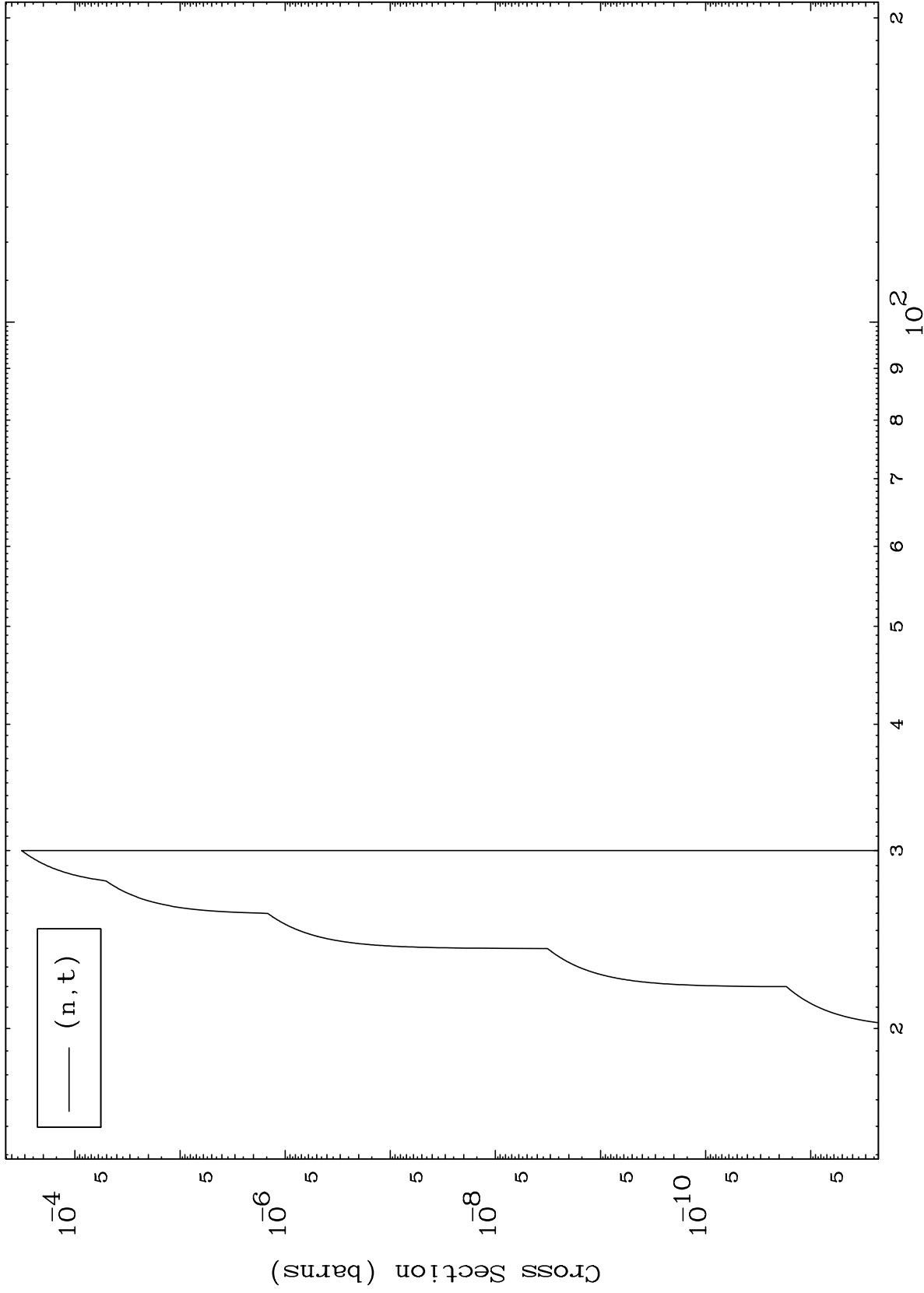
$^{71}\text{Lu}-166\text{m}$



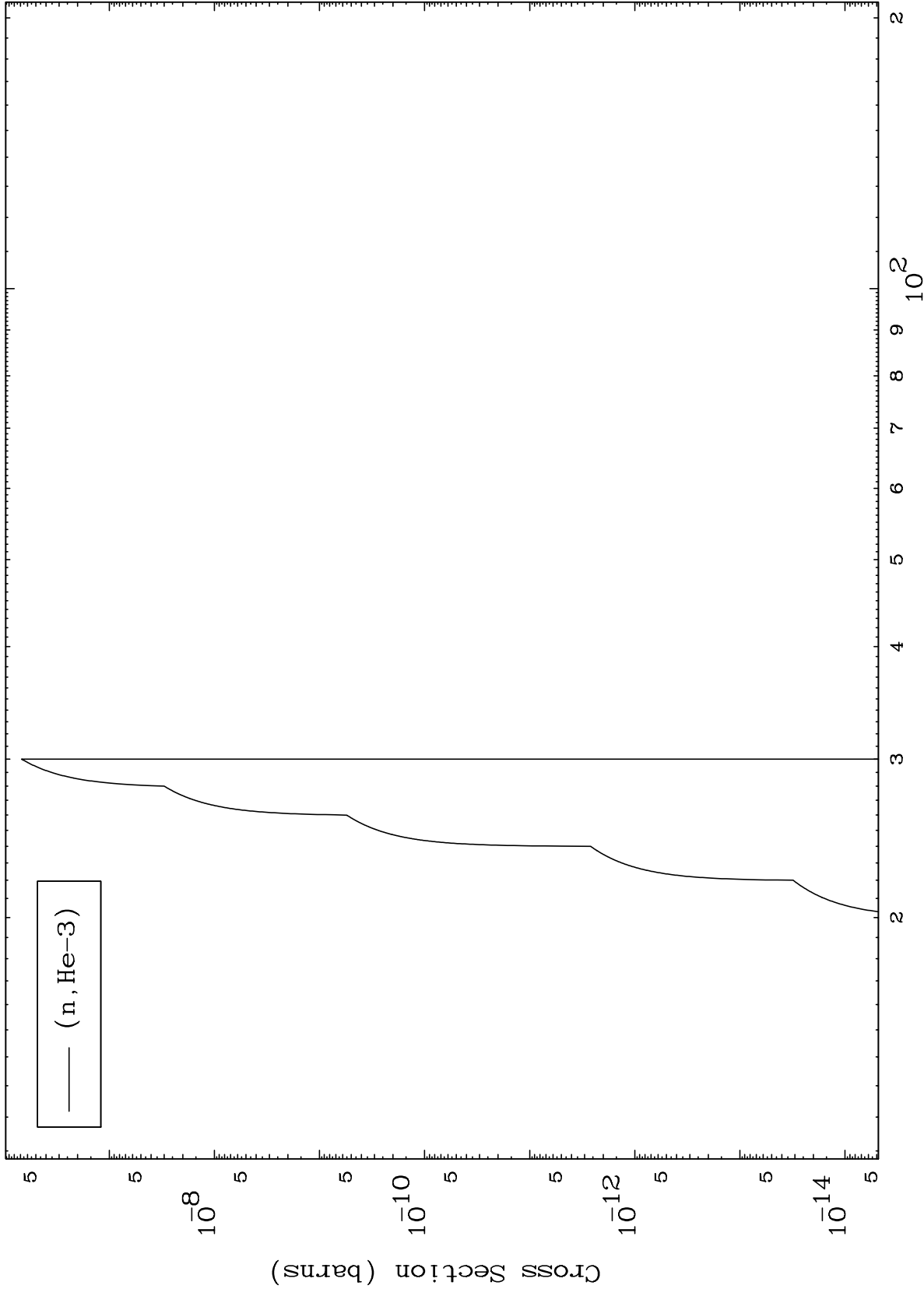
MAT 7099

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

<sup>71</sup>Lu-166m



0 Kelvin Cross Sections

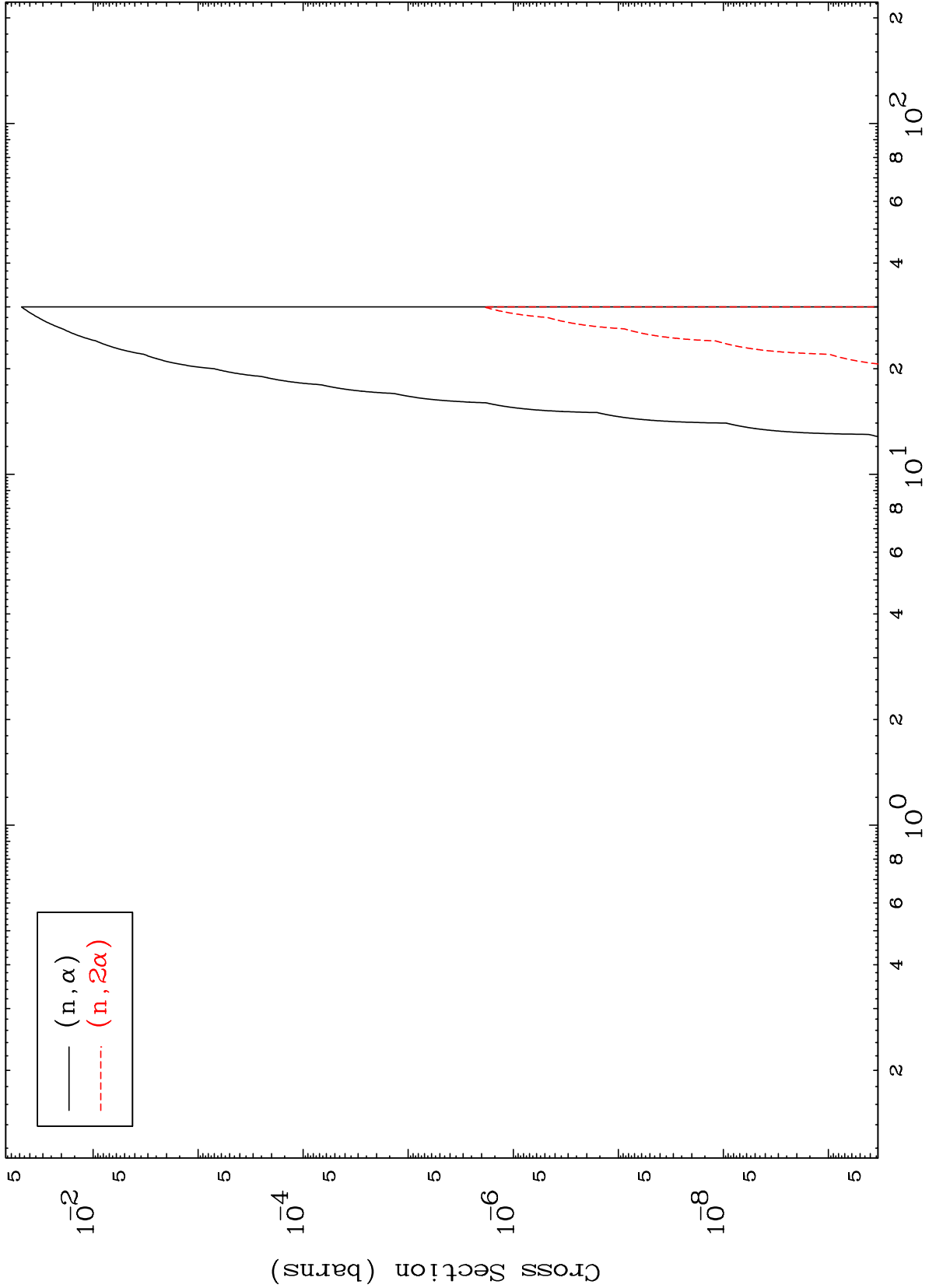


MAT 7099

( $\alpha, \alpha$ ) Levels

71-Lu-166m

0 Kelvin Cross Sections



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

10

Incident Energy (MeV)

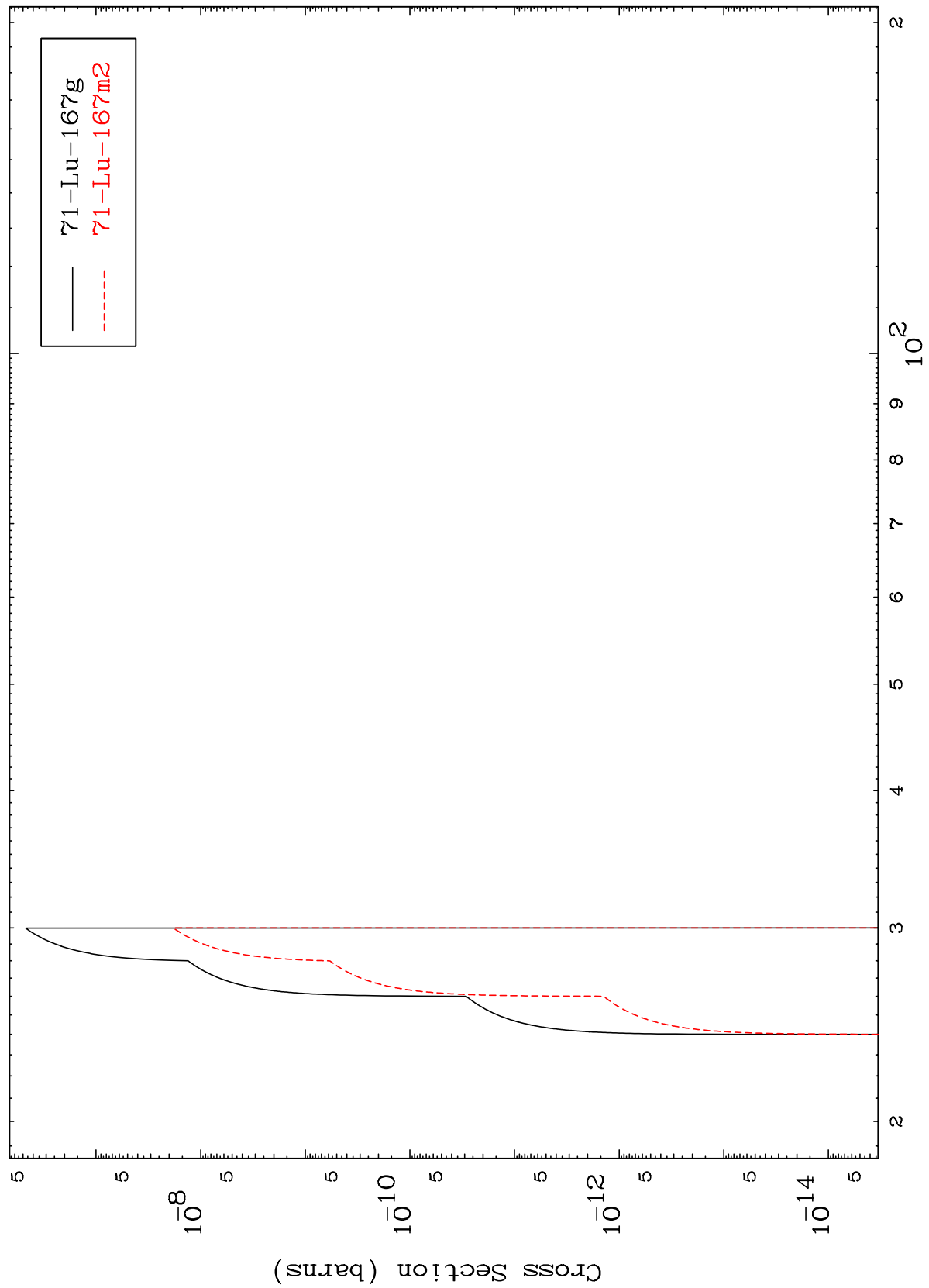
71-Lu-166m

MAT 7099

(n,2n) p

<sup>71</sup>Lu-166m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

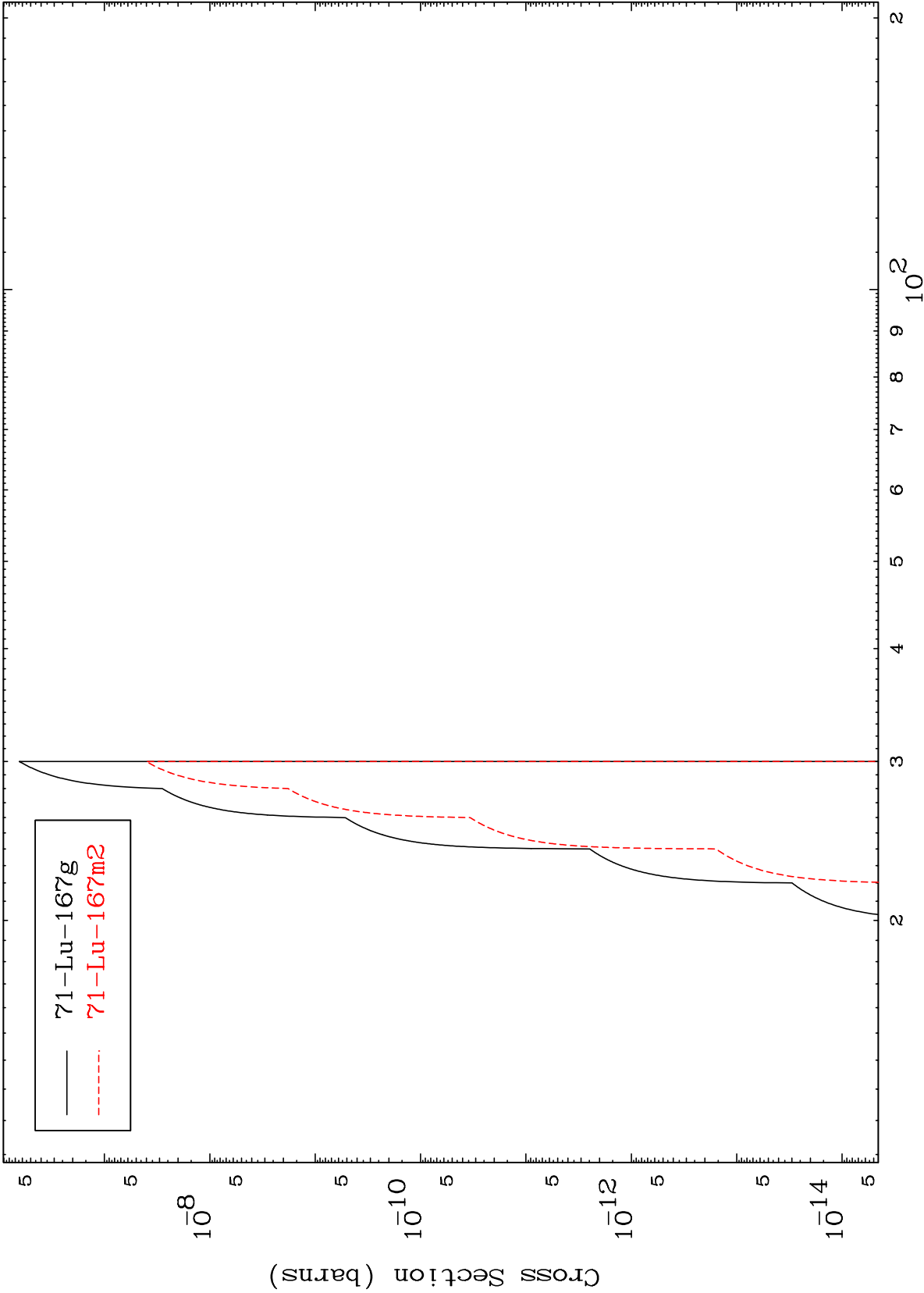
<sup>71</sup>Lu-166m

MAT 7099

(n,He-3)

<sup>71</sup>Lu-166m

Radionuclide Production Cross Section



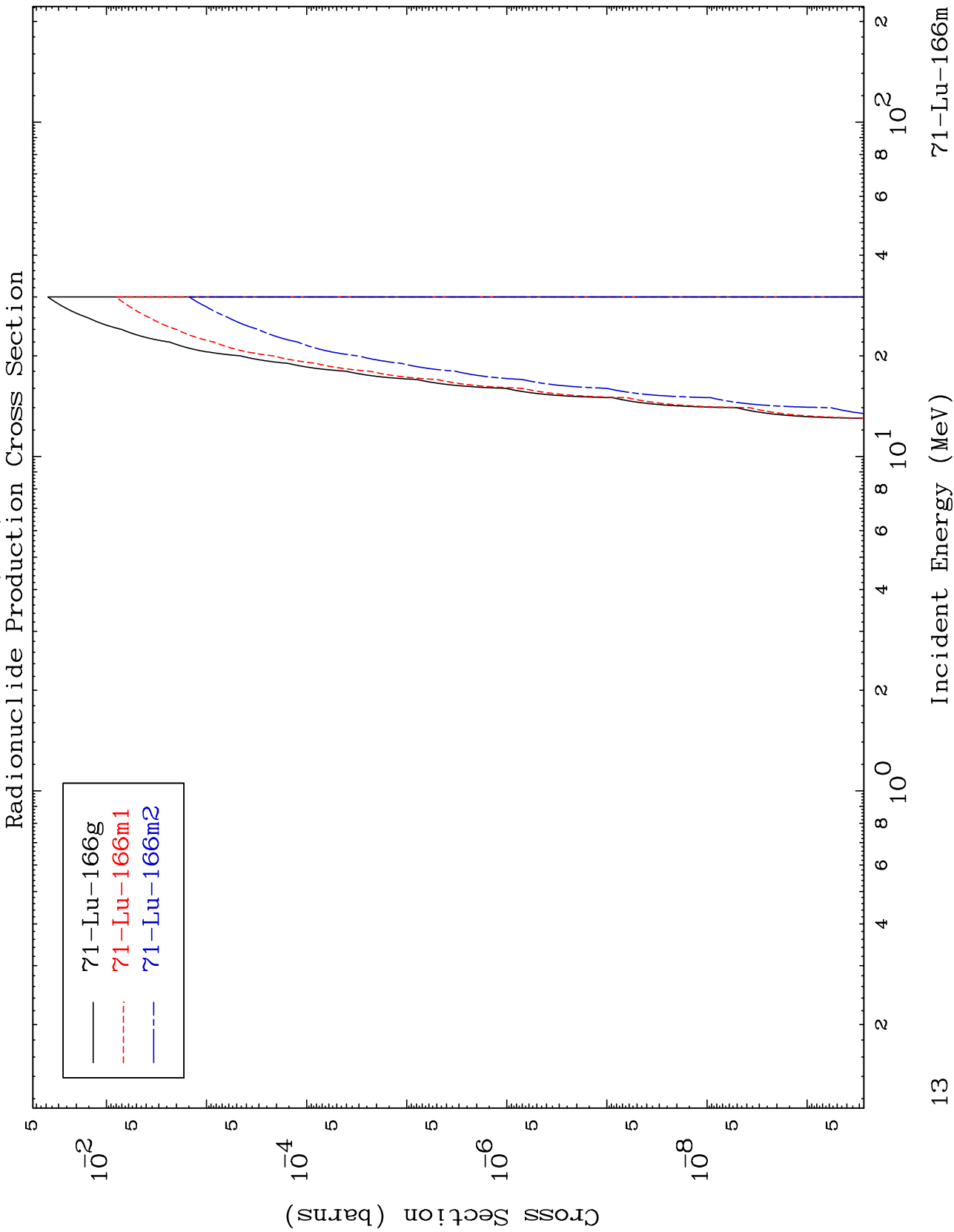
12

Incident Energy (MeV)

<sup>71</sup>Lu-166m

MAT 7099

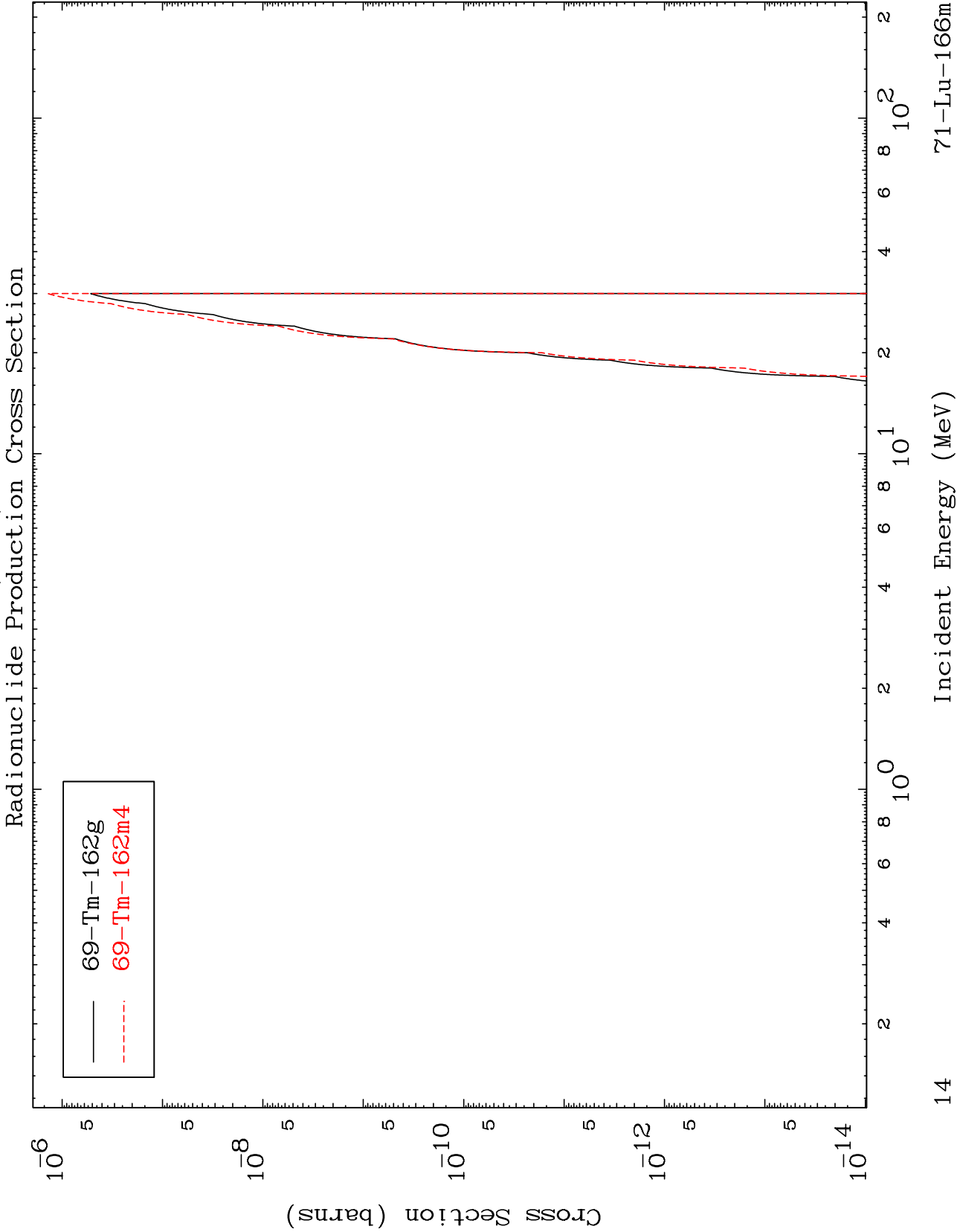
<sup>71</sup>Lu-166m



MAT 7099

(n,2α)

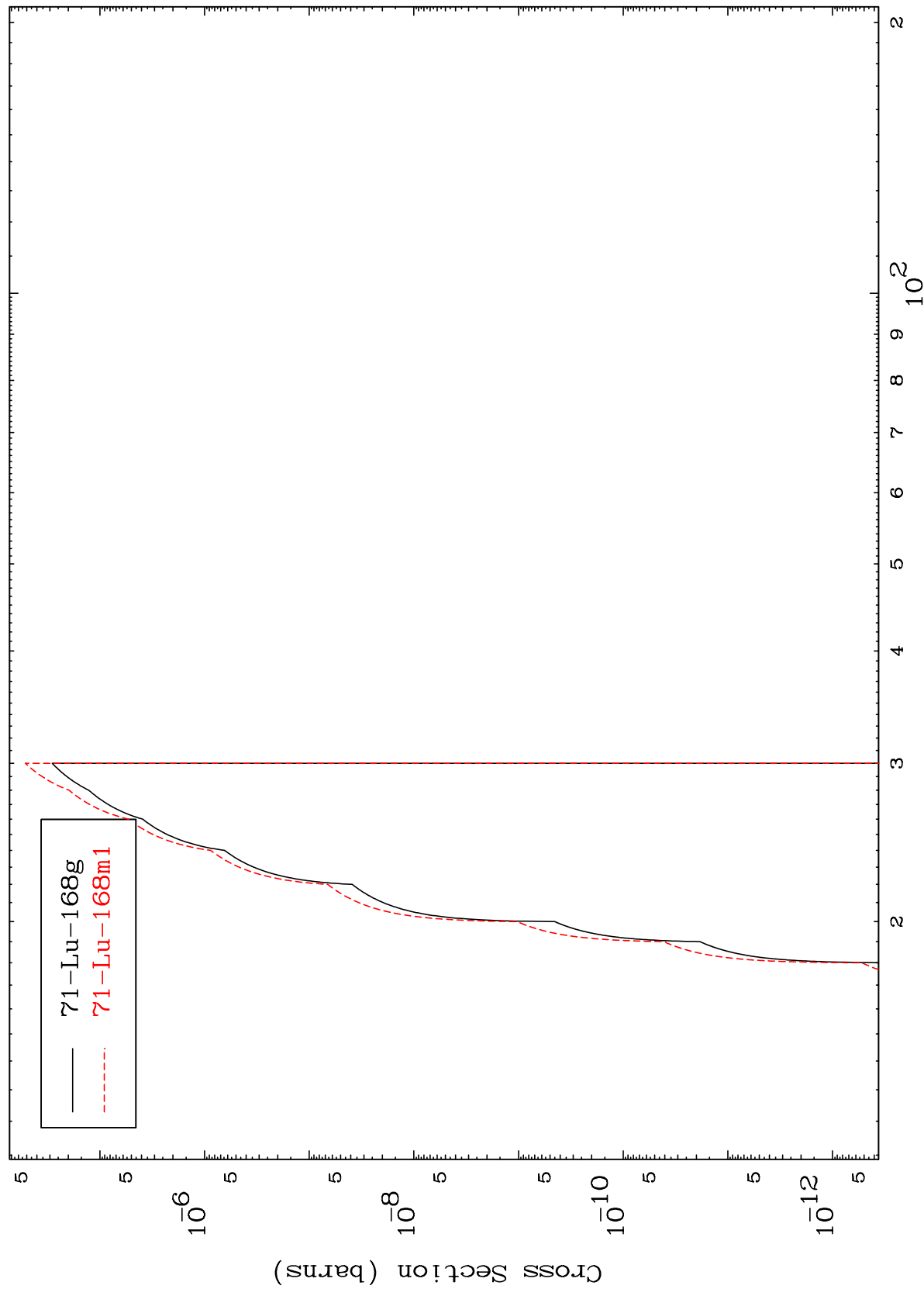
71-Lu-166m



MAT 7099

<sup>71</sup>Lu-166m

(n,2p)  
Radionuclide Production Cross Section



<sup>71</sup>Lu-166m

Incident Energy (MeV)

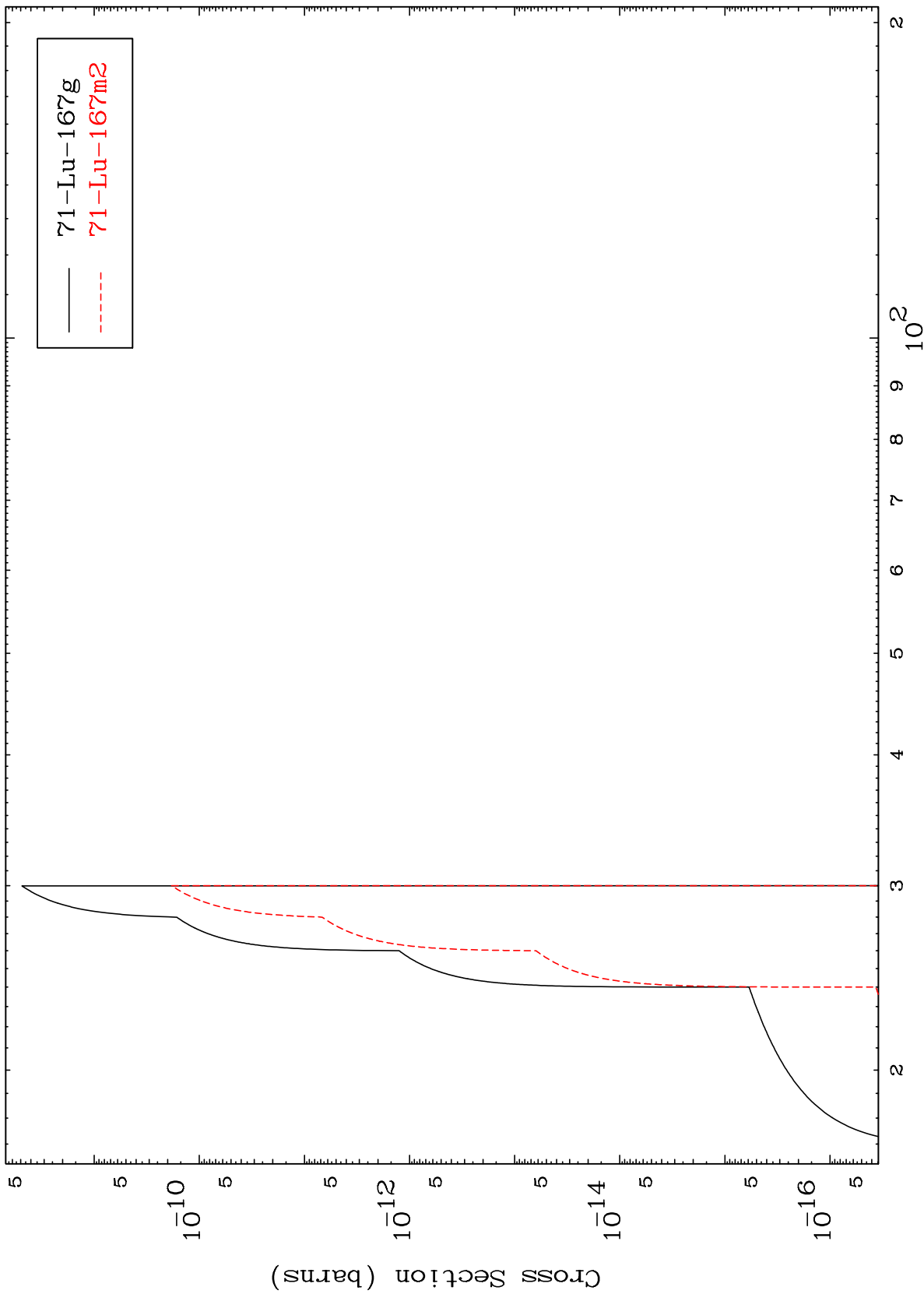
15

MAT 7099

(n,p) d

<sup>71</sup>Lu-166m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

<sup>71</sup>Lu-166m