

Program EVALPLOT  
(Version 2021-1)

by

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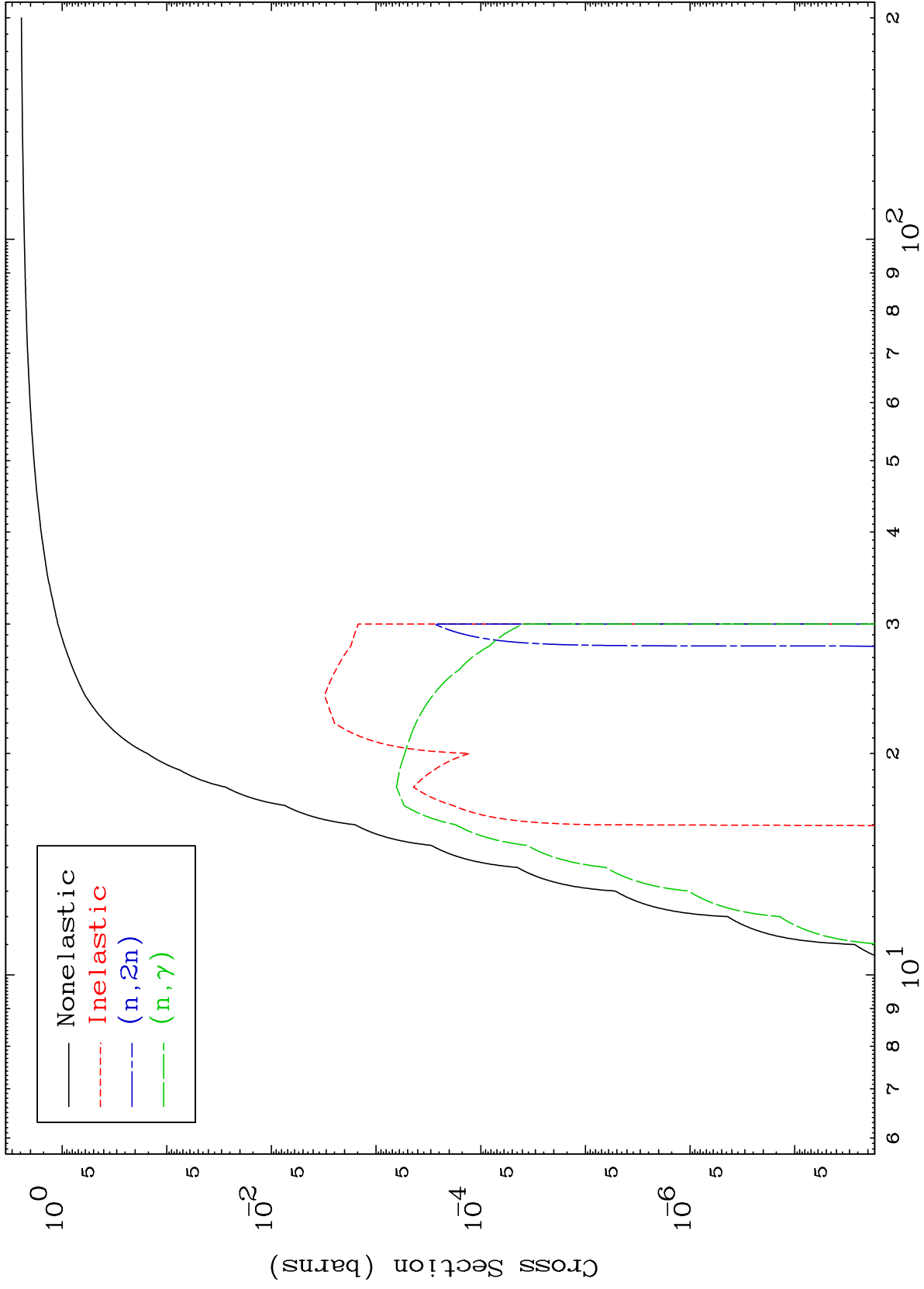
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7063

0 Kelvin Cross Sections

71-Lu-154m



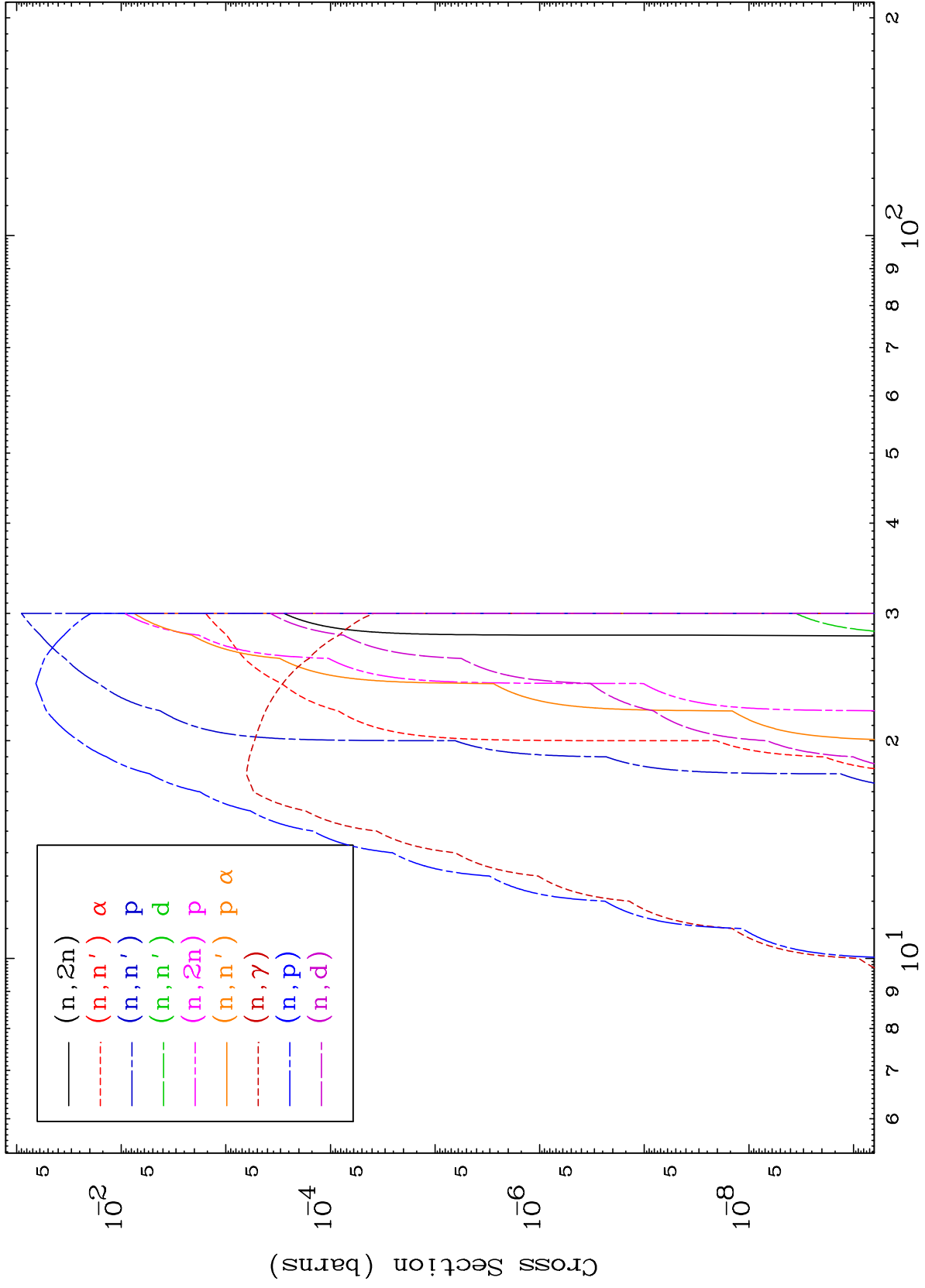
Incident Energy (MeV)

71-Lu-154m

MAT 7063

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

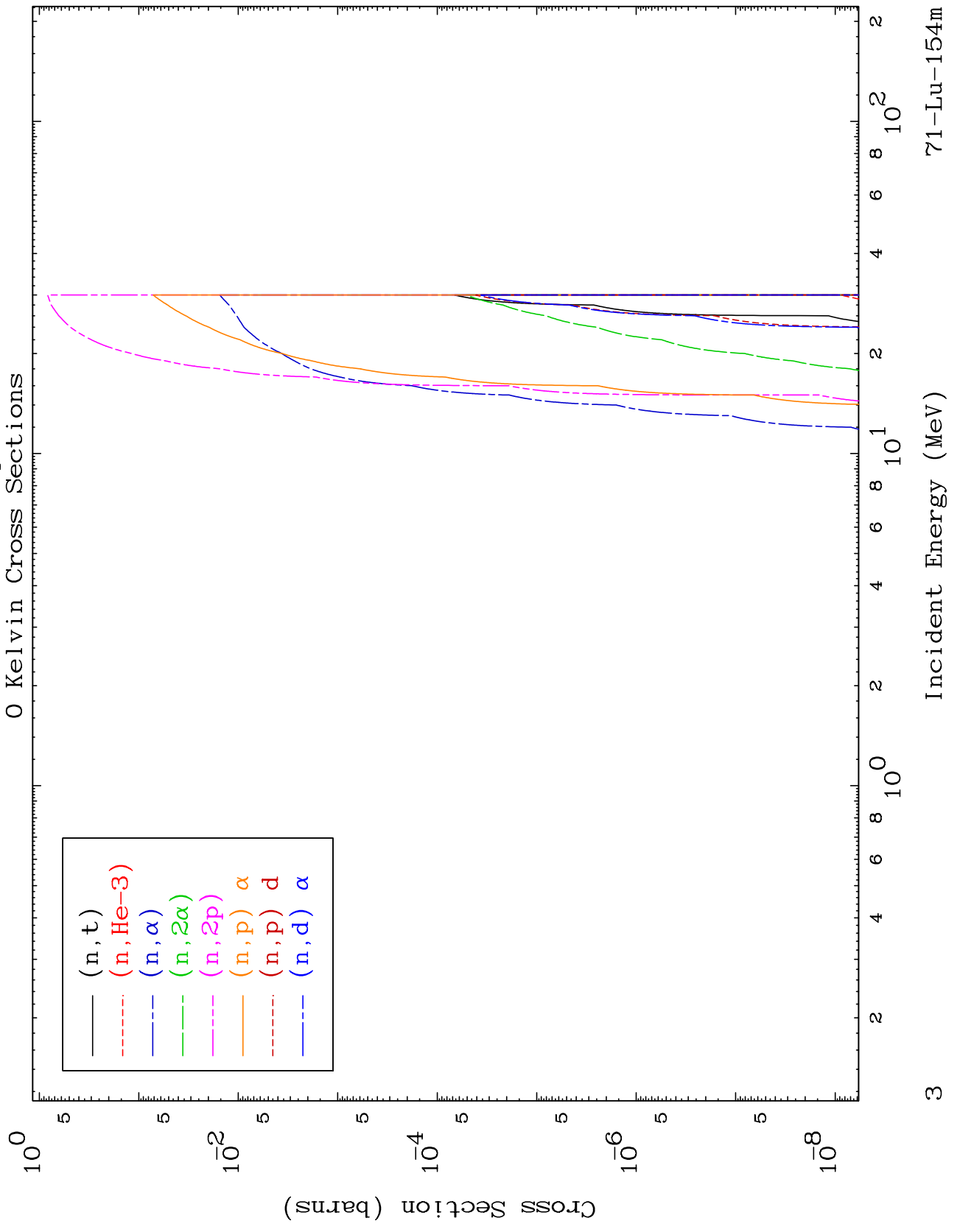
$^{71}\text{Lu-154m}$



MAT 7063

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

<sup>71</sup>Lu-154m

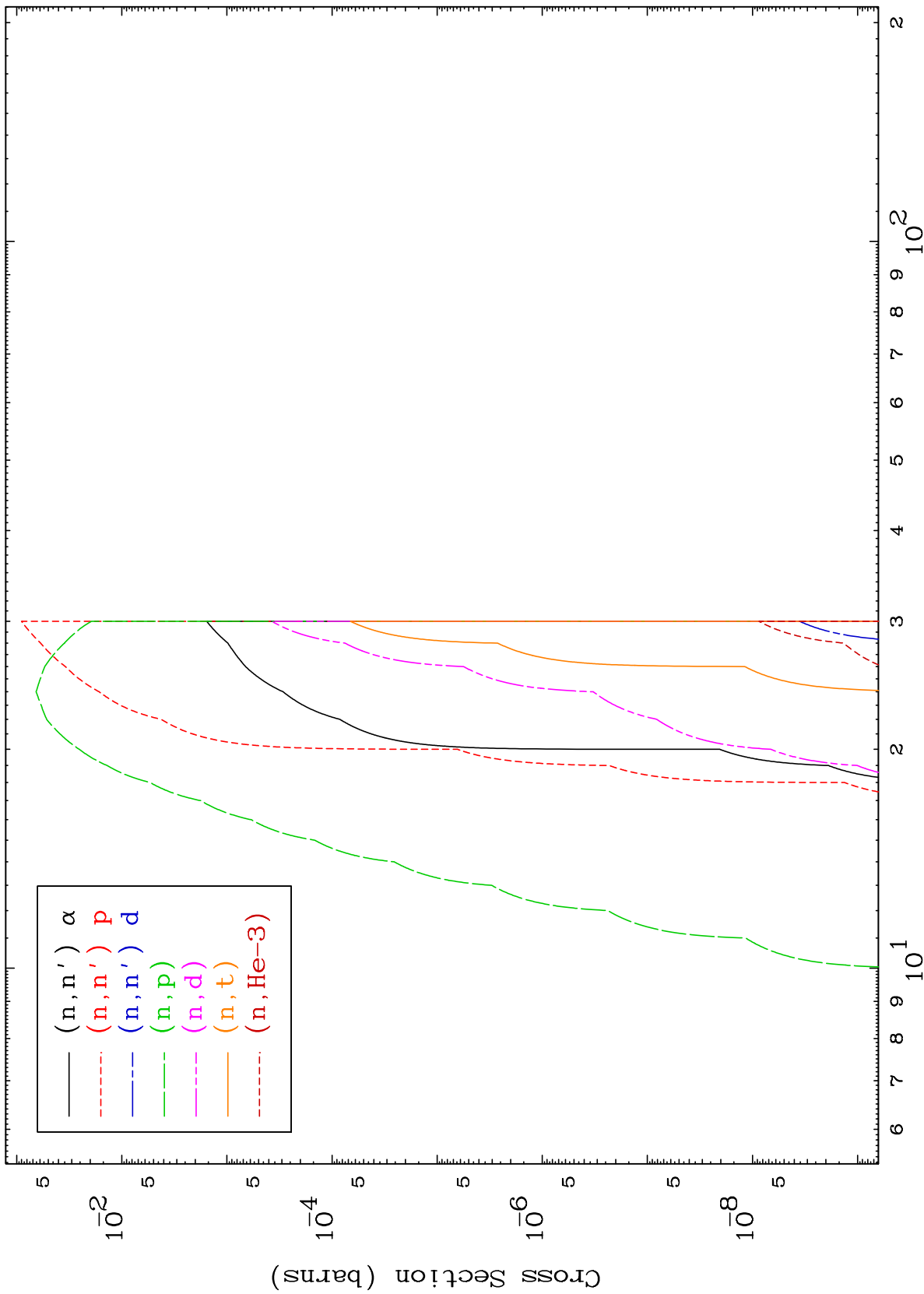


<sup>71</sup>Lu-154m

MAT 7063

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

71-Lu-154m



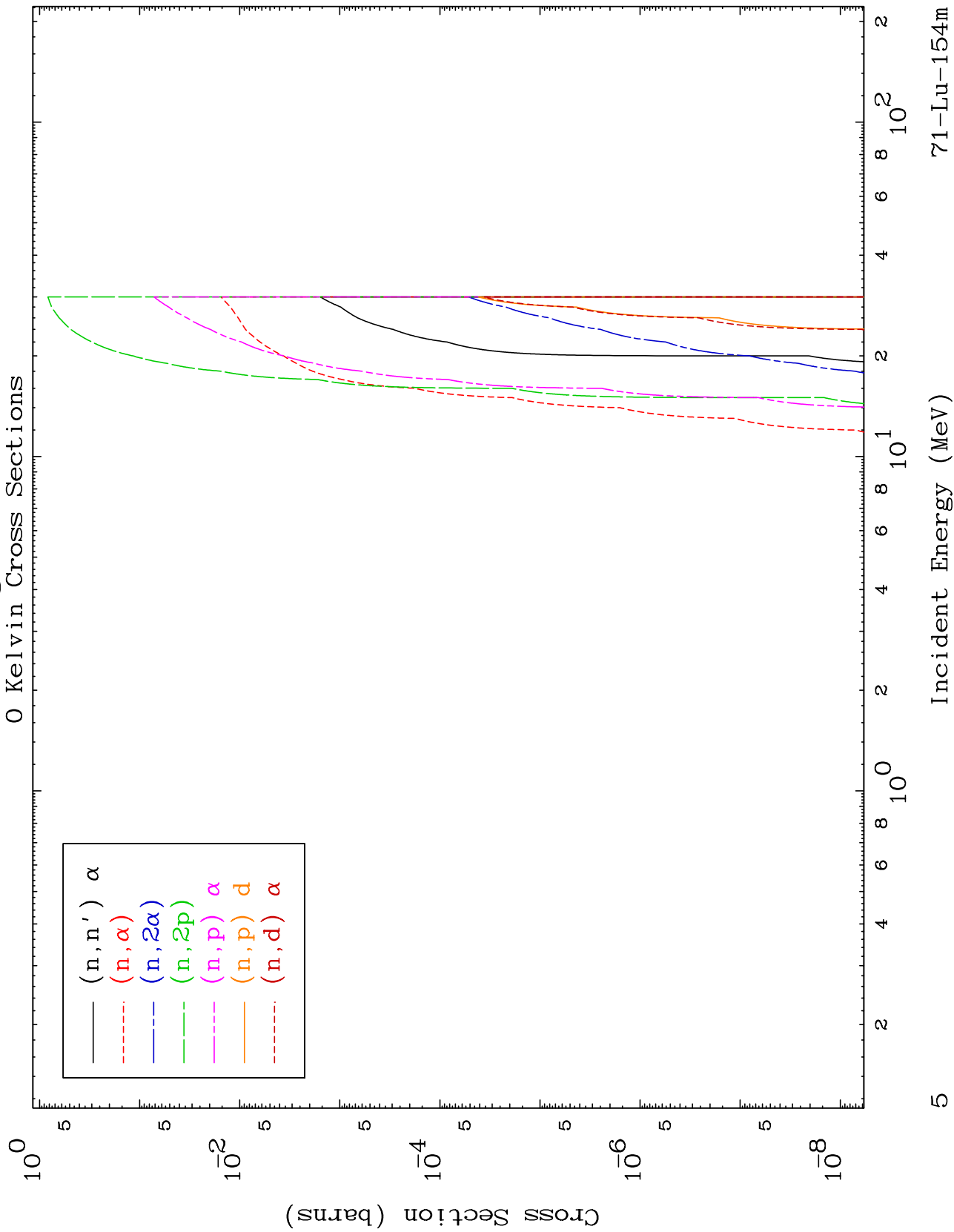
Incident Energy (MeV)

71-Lu-154m

MAT 7063

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

71-Lu-154m



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Incident Energy (MeV)

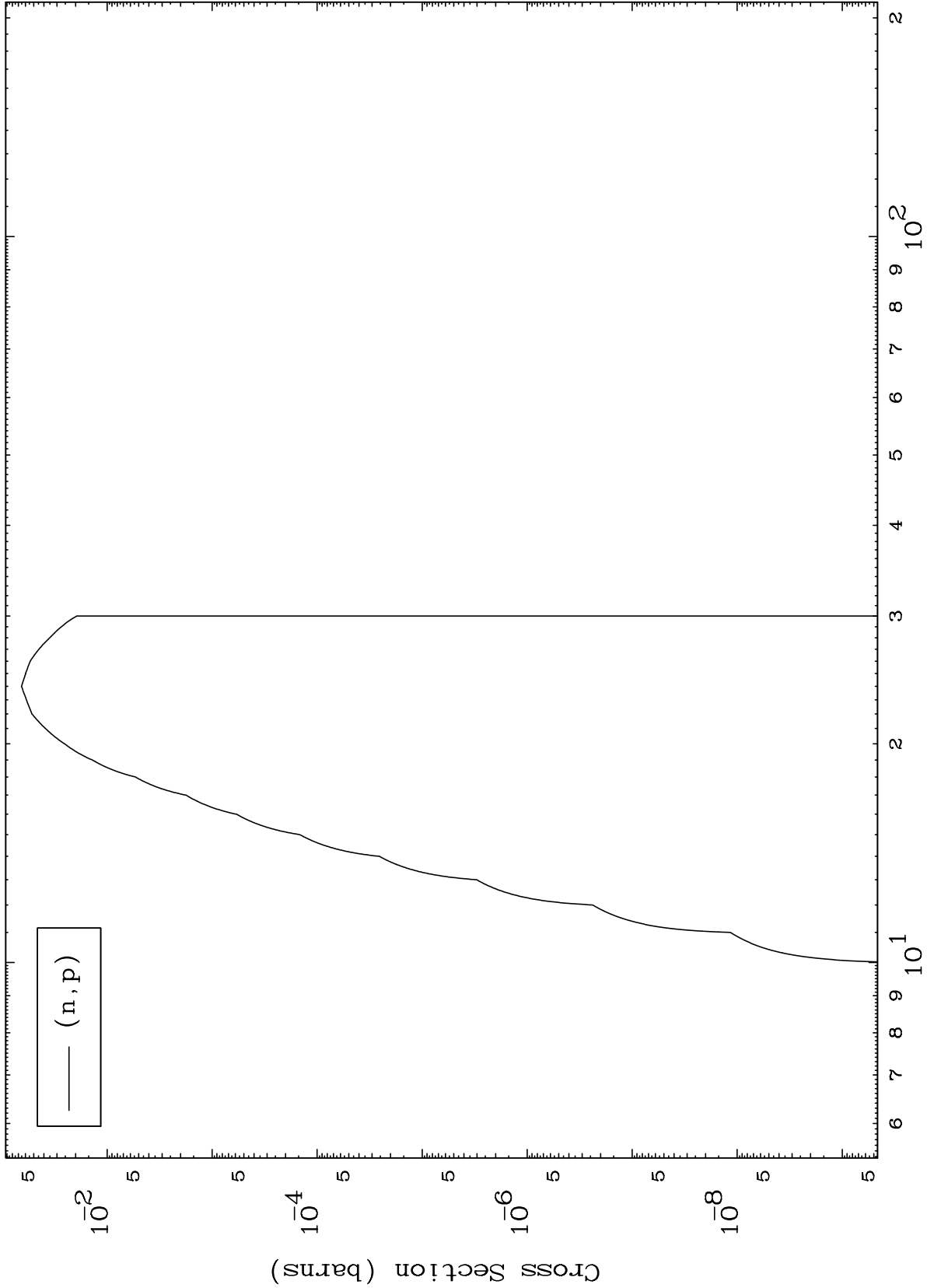
71-Lu-154m

MAT 7063

( $\alpha, p$ ) Levels

<sup>71</sup>Lu-154m

0 Kelvin Cross Sections



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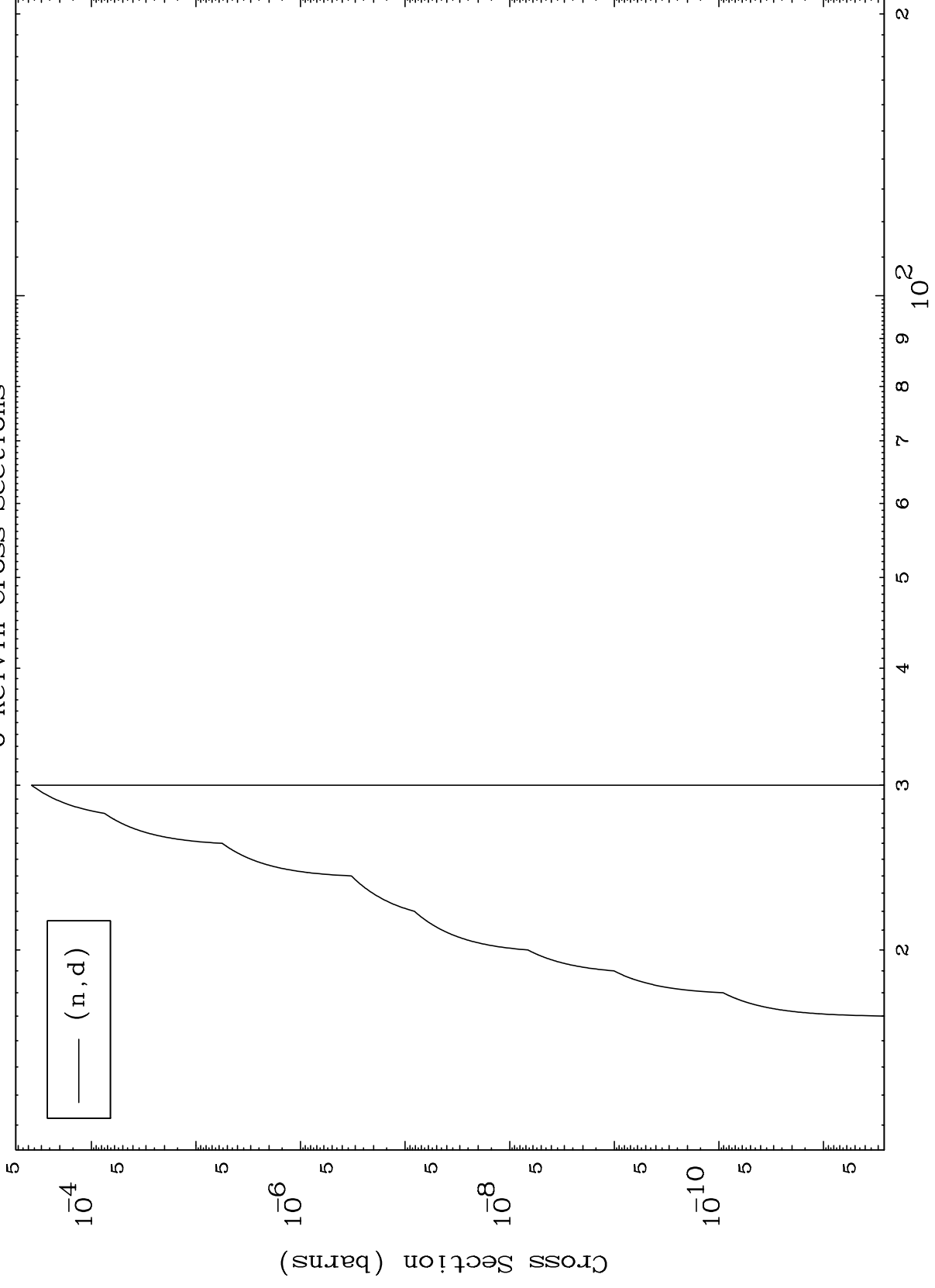
Incident Energy (MeV)

<sup>71</sup>Lu-154m

MAT 7063

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

<sup>71</sup>Lu-154m



7

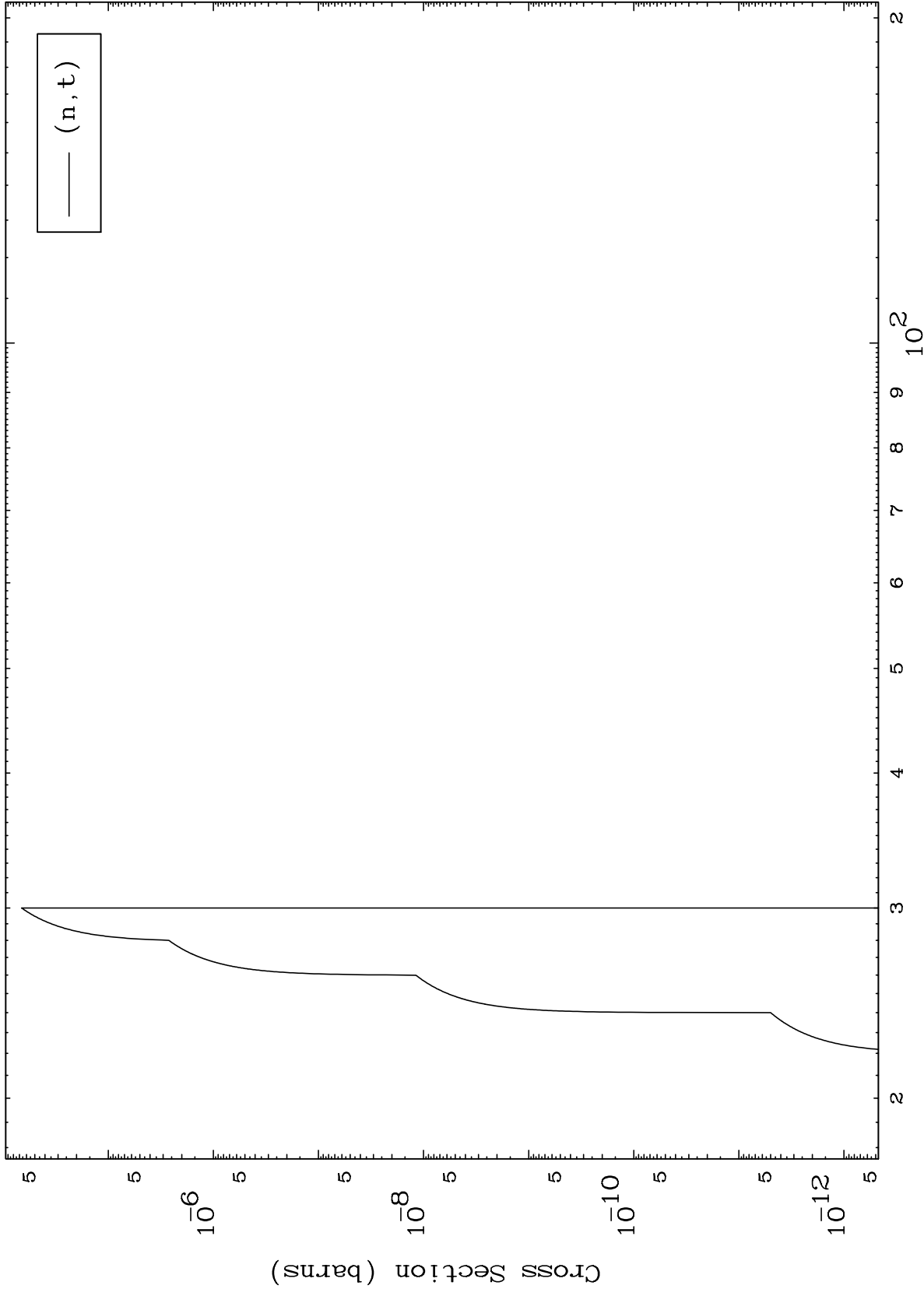
Incident Energy (MeV)

<sup>71</sup>Lu-154m

MAT 7063

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

71-Lu-154m



8

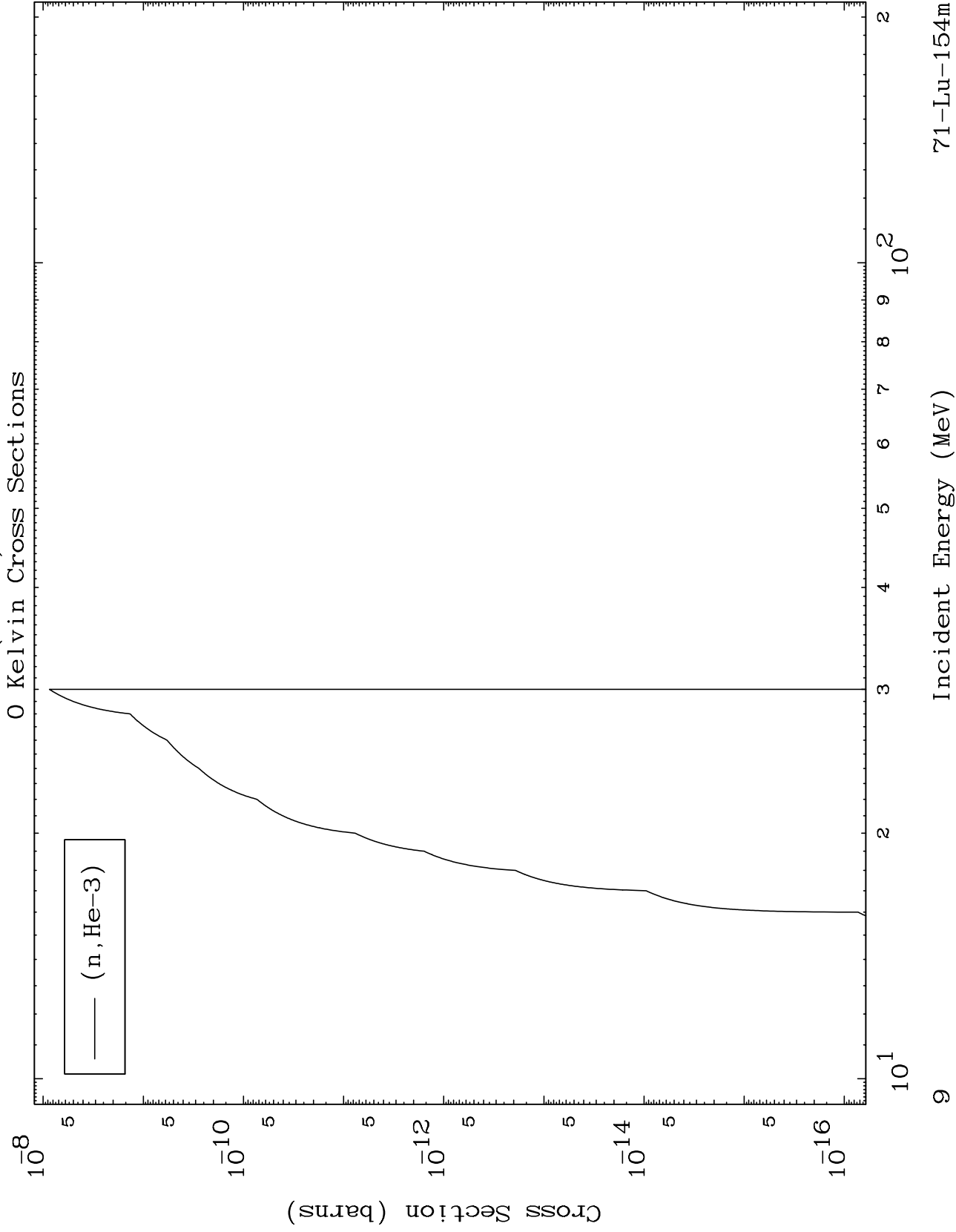
Incident Energy (MeV)

71-Lu-154m

MAT 7063

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

$^{71}\text{Lu}-154\text{m}$

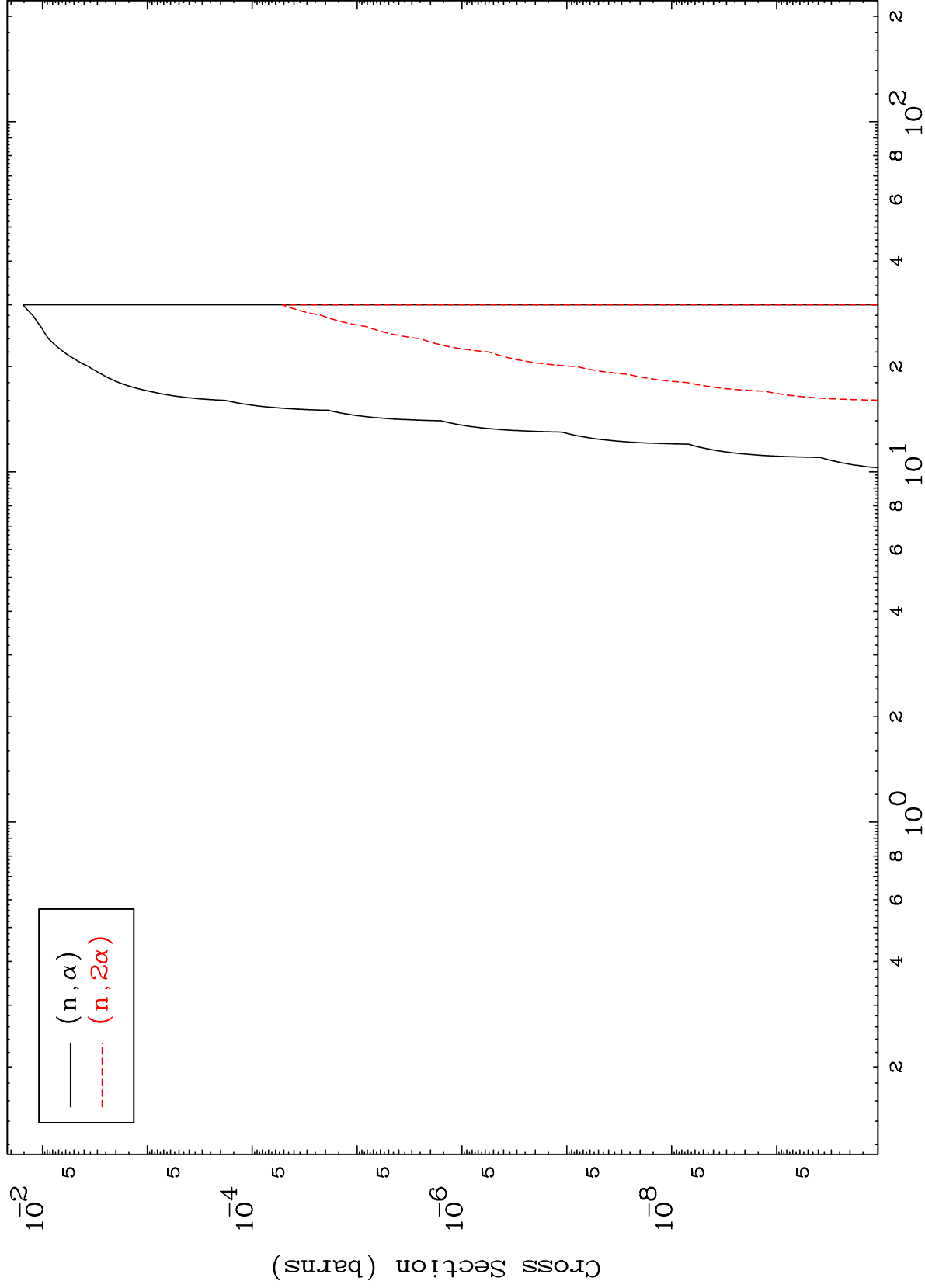


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( $\alpha, \alpha$ ) Levels

$^{71}\text{Lu-154m}$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

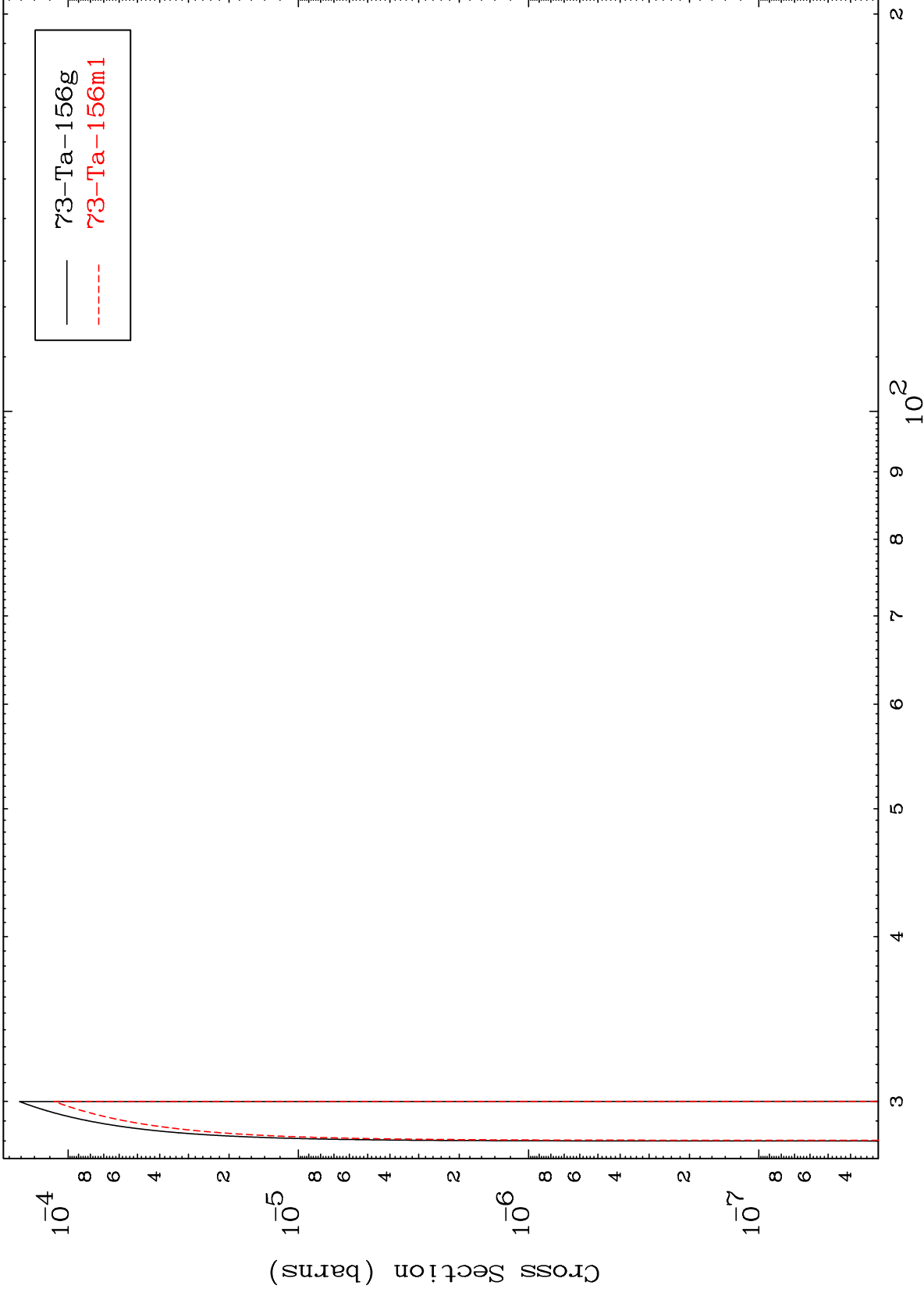
$^{71}\text{Lu-154m}$

MAT 7063

(n,2n)

71-Lu-154m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

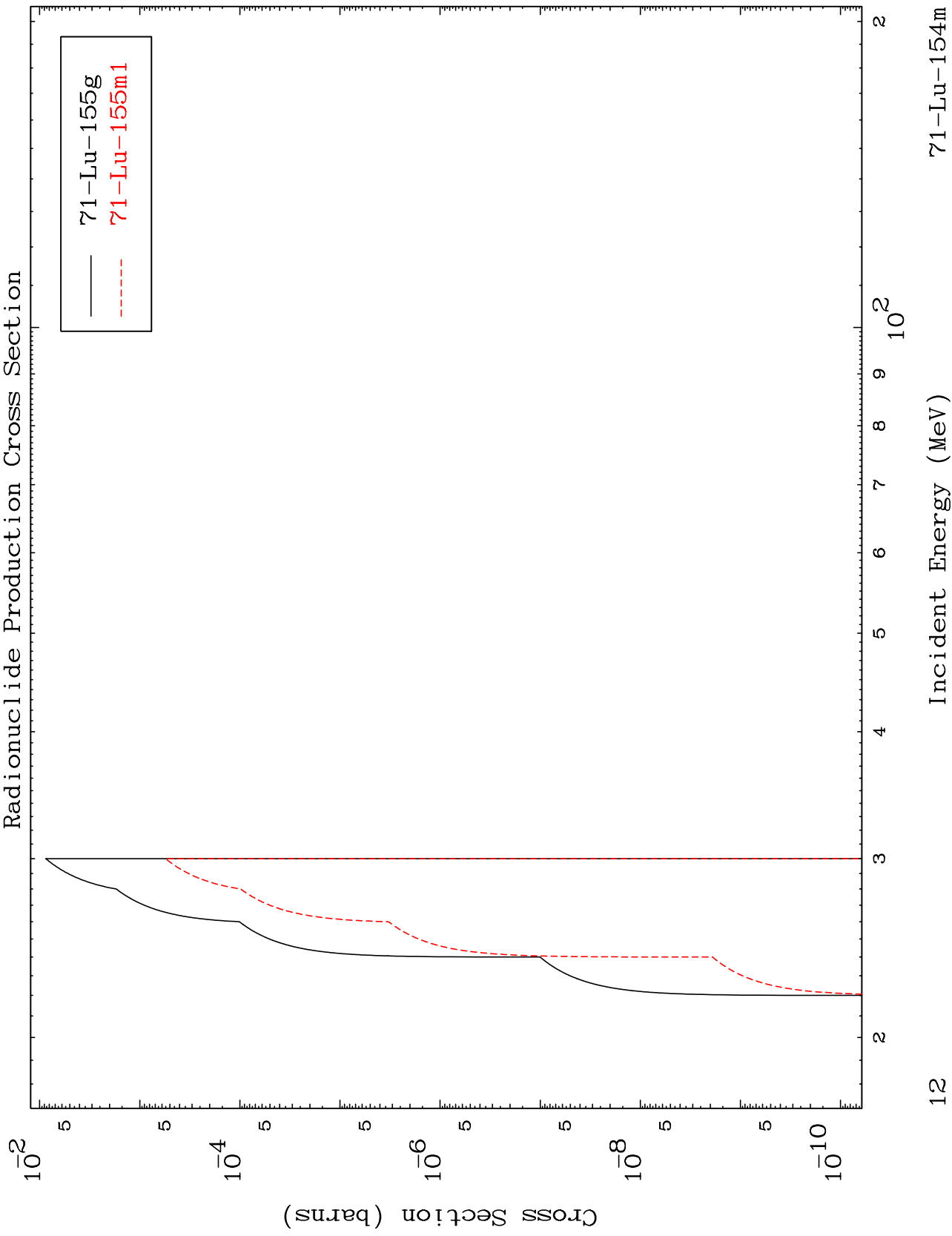
71-Lu-154m

MAT 7063

(n,2n) p

<sup>71</sup>Lu-154m

Radionuclide Production Cross Section



12

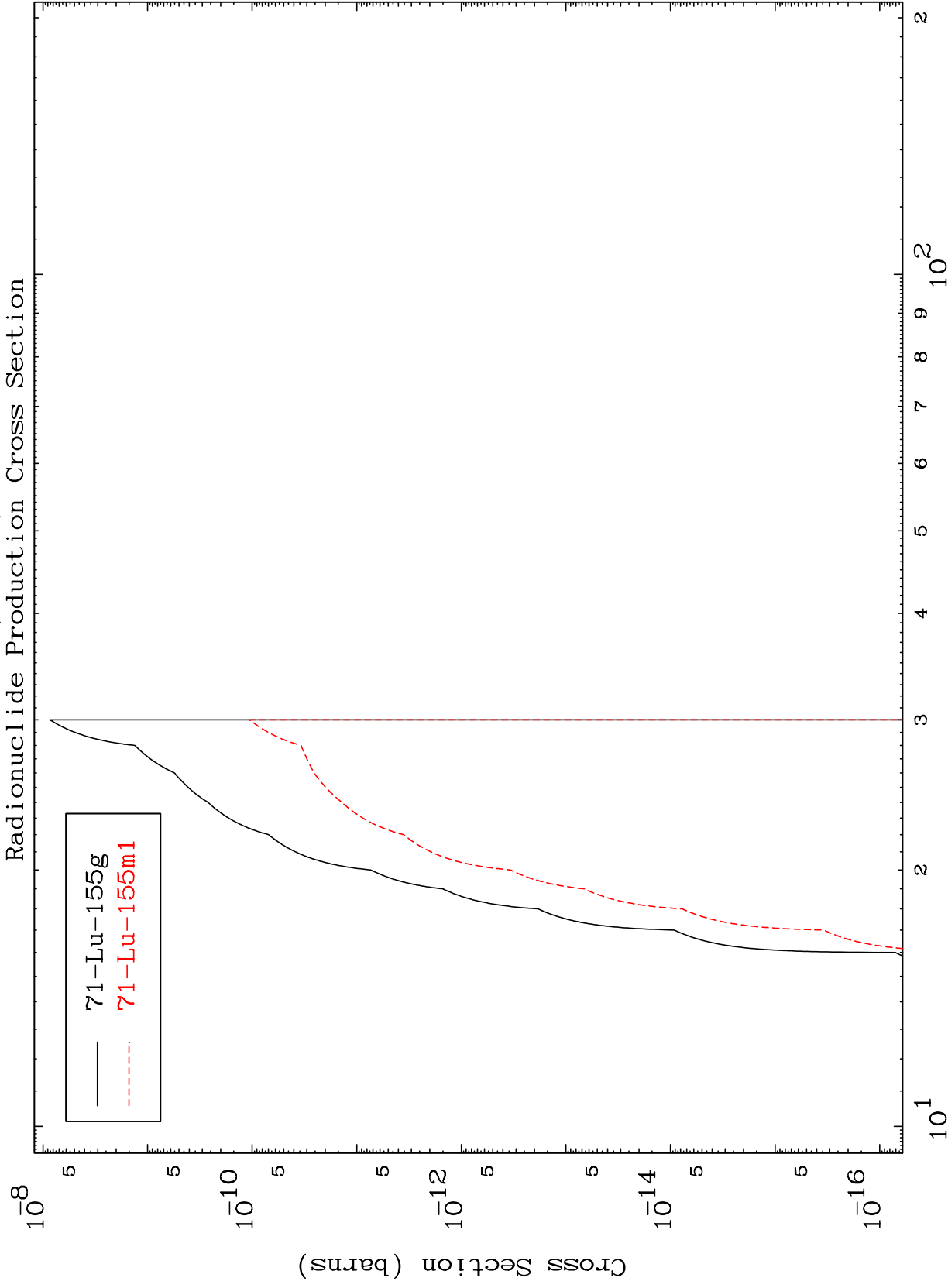
<sup>71</sup>Lu-154m

MAT 7063

(n,He-3)

71-Lu-154m

Radionuclide Production Cross Section



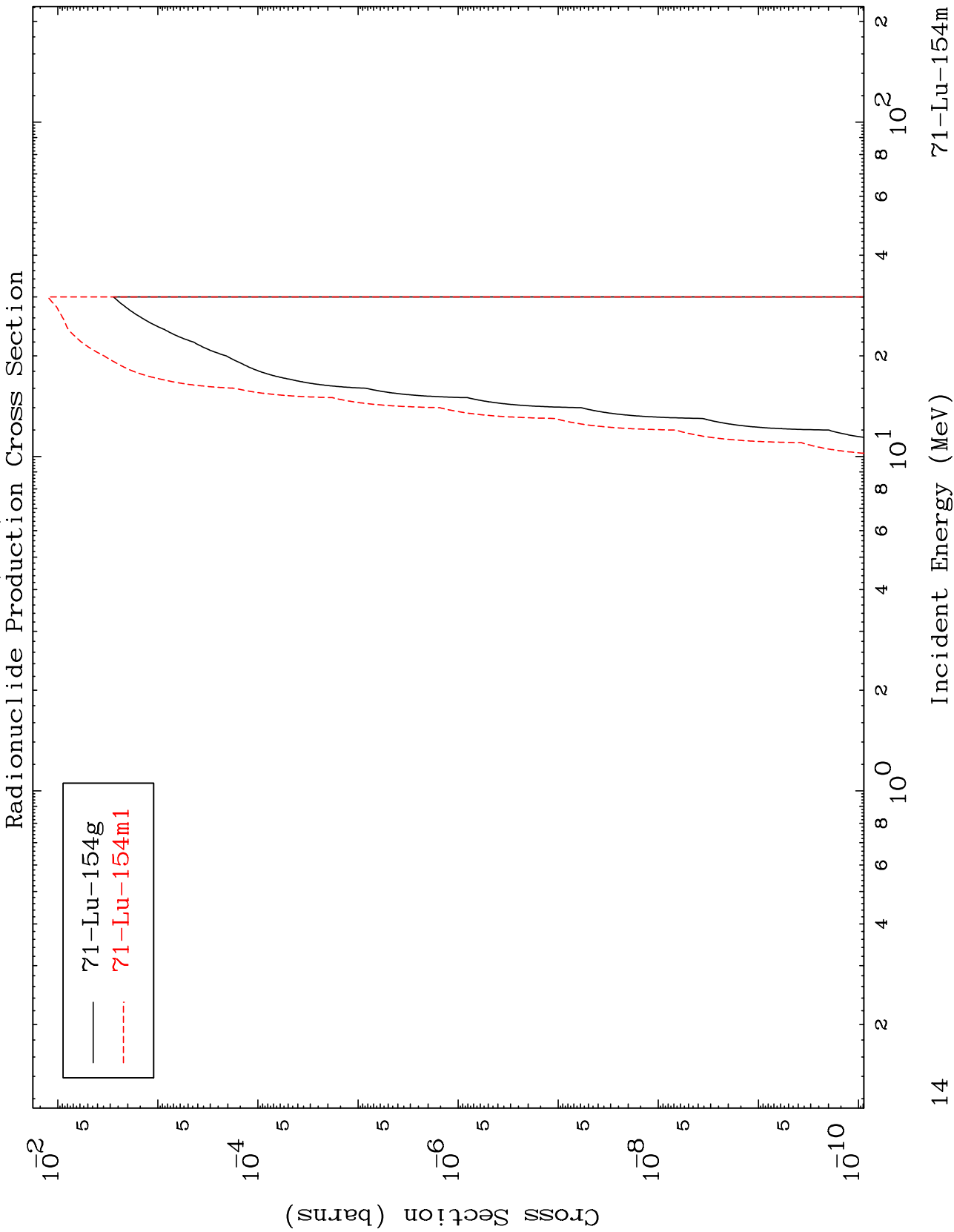
Incident Energy (MeV)

71-Lu-154m

MAT 7063

(n,  $\alpha$ )

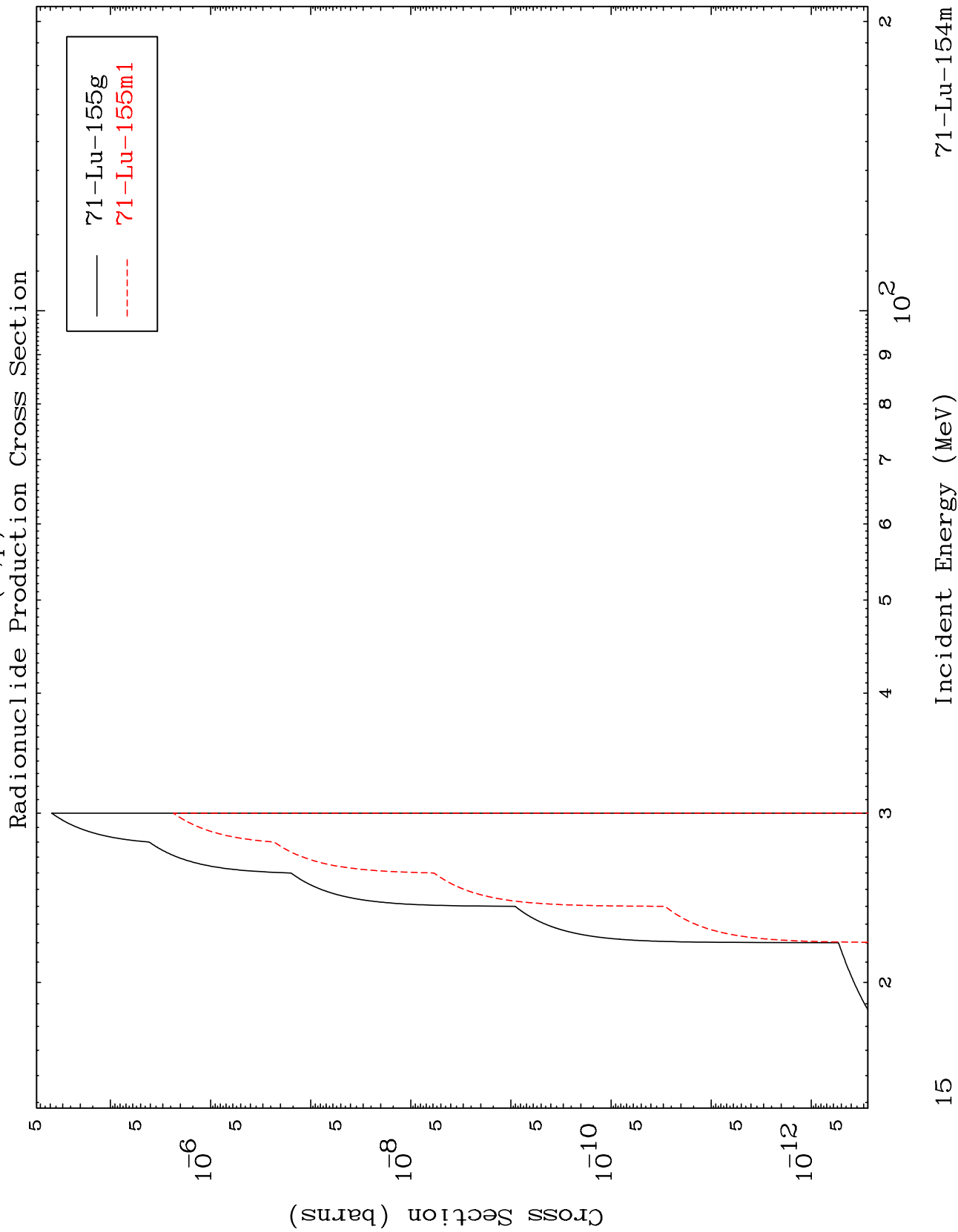
<sup>71</sup>Lu-154m



MAT 7063

(n,p) d

<sup>71</sup>Lu-154m



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<sup>71</sup>Lu-154m