

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

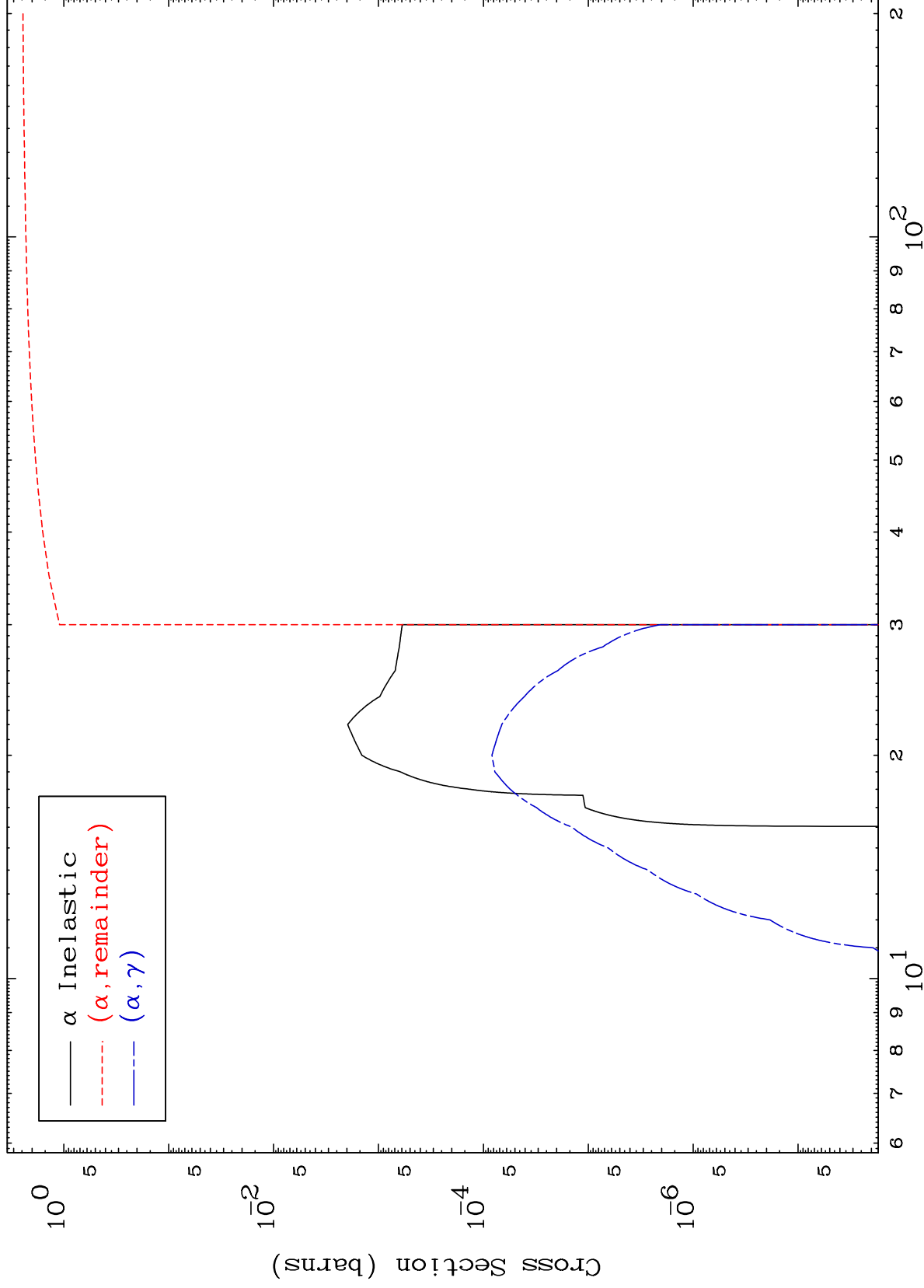
Press Mouse Button to Start

MAT 7063

α Major

71-Lu-154

0 Kelvin Cross Sections



1

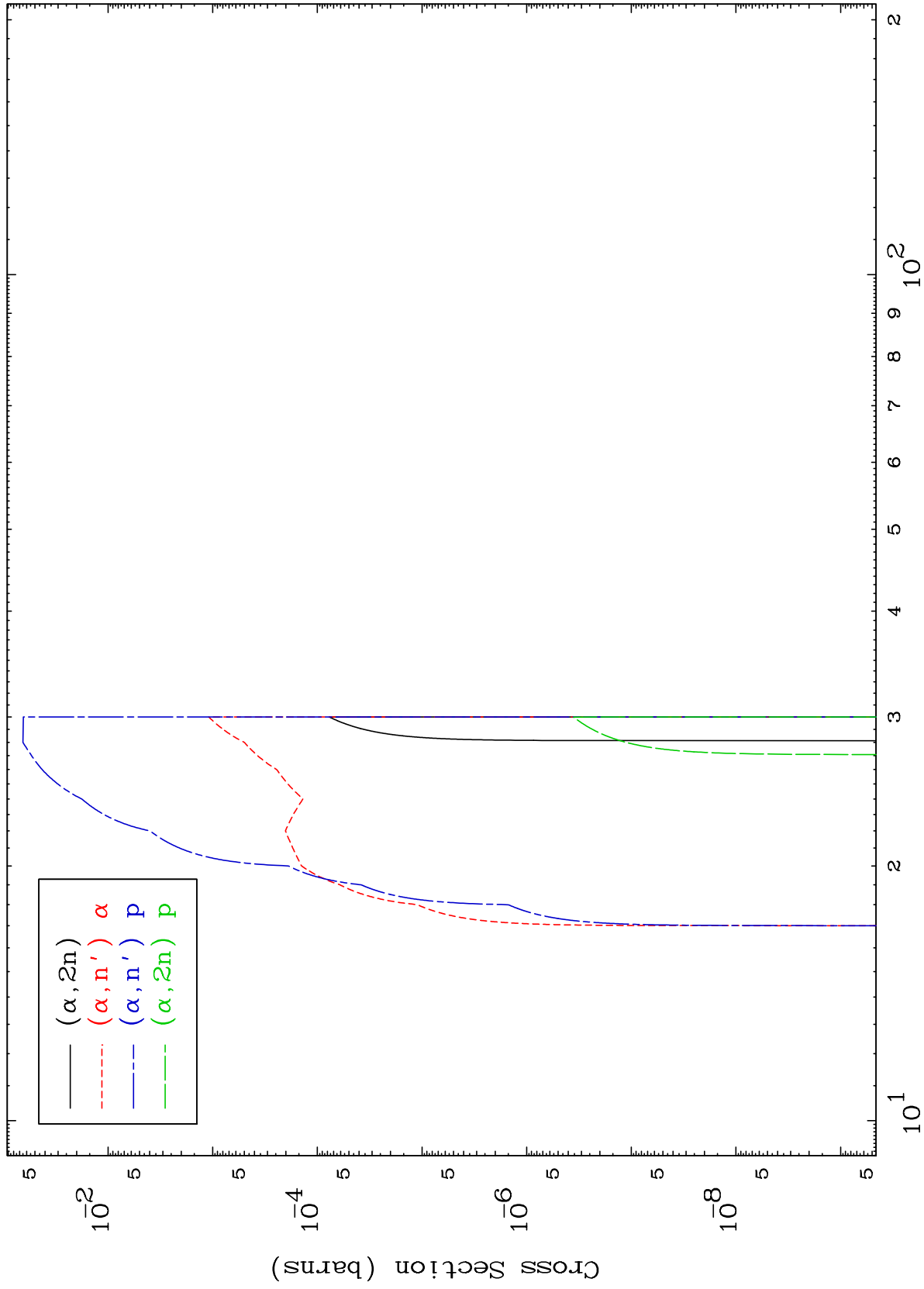
Incident Energy (MeV)

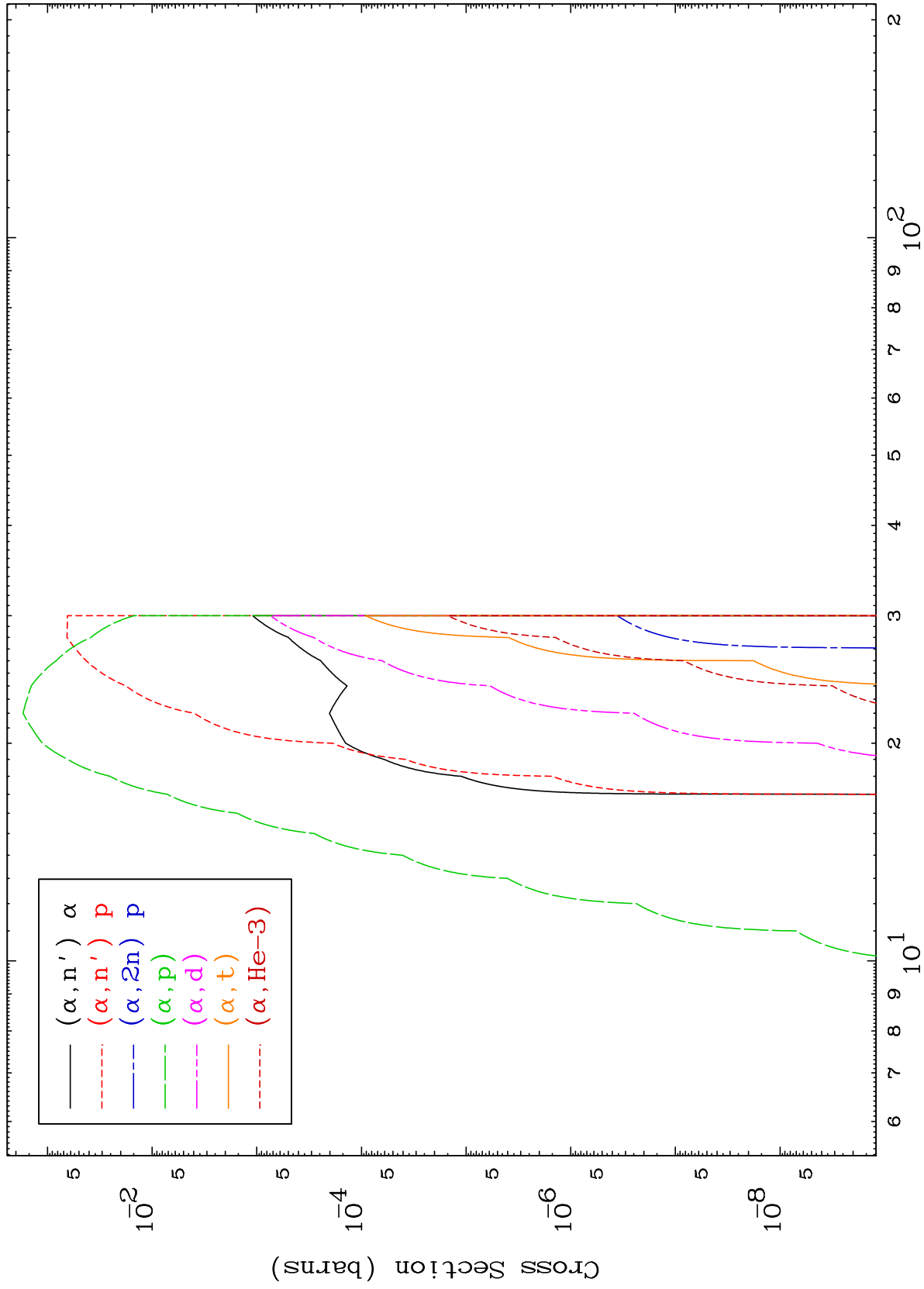
71-Lu-154

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α Neutron Production
0 Kelvin Cross Sections

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

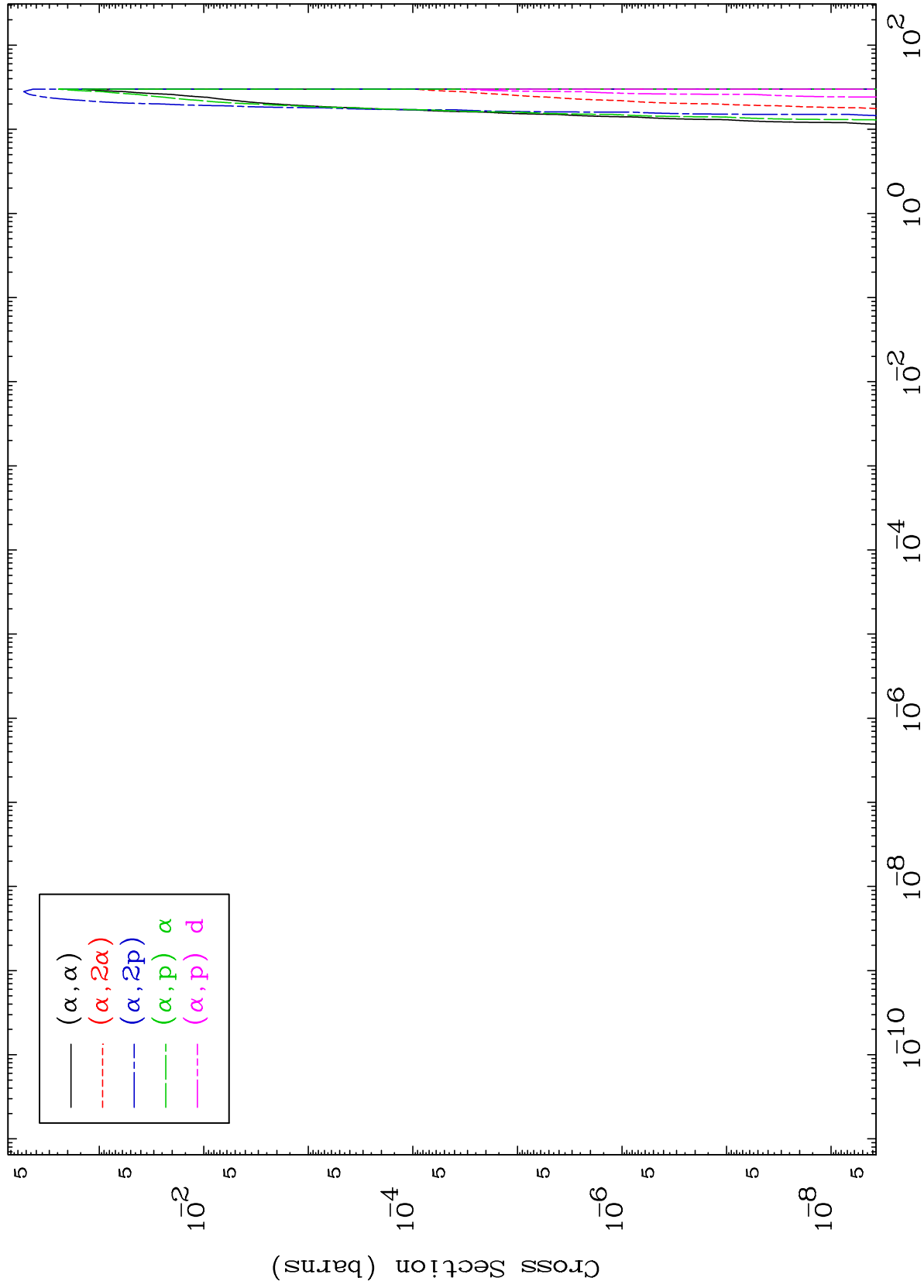




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α Charged Particle
0 Kelvin Cross Sections

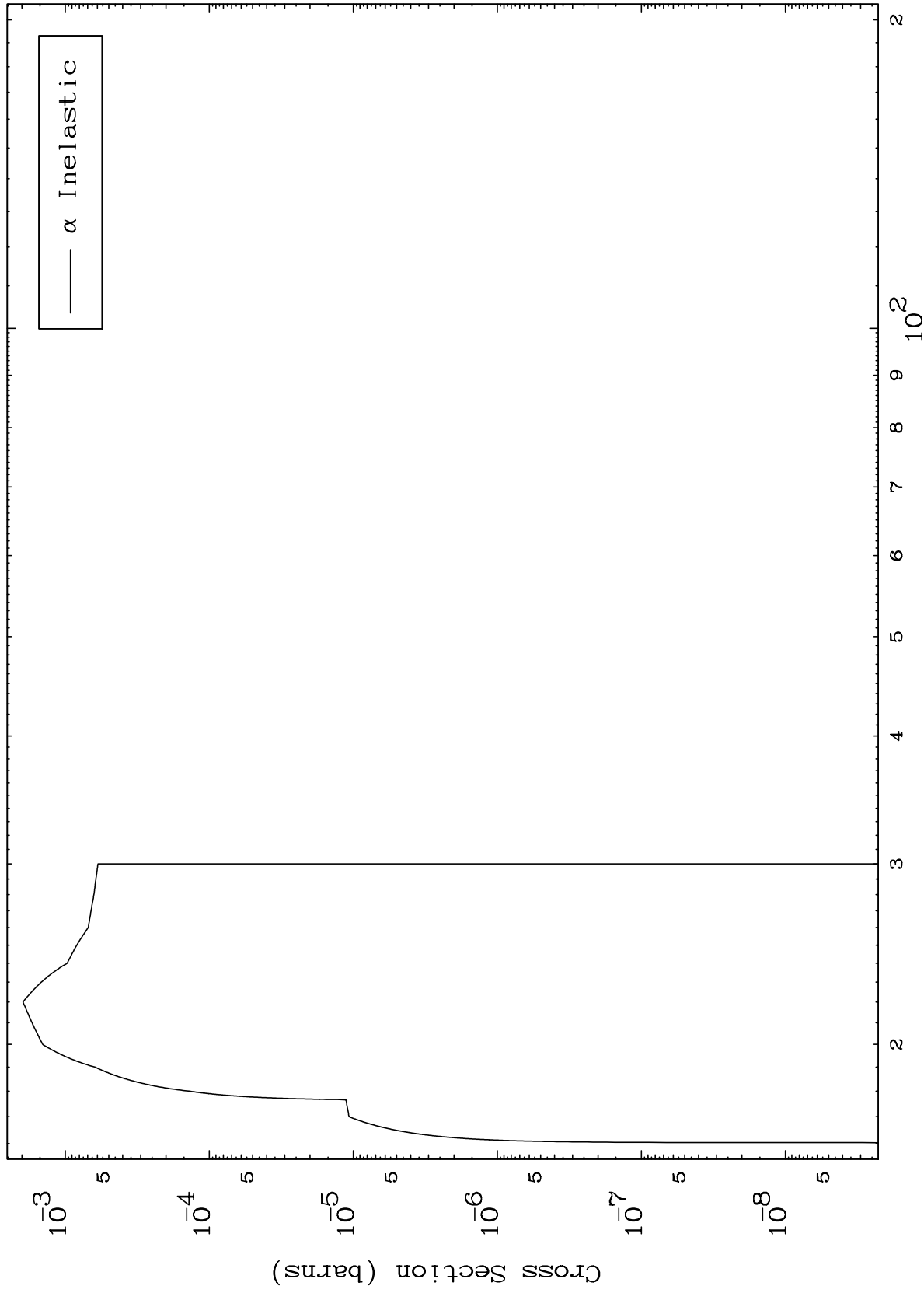
71-Lu-154



MAT 7063

(α, n') Level
0 Kelvin Cross Sections

71-Lu-154



5

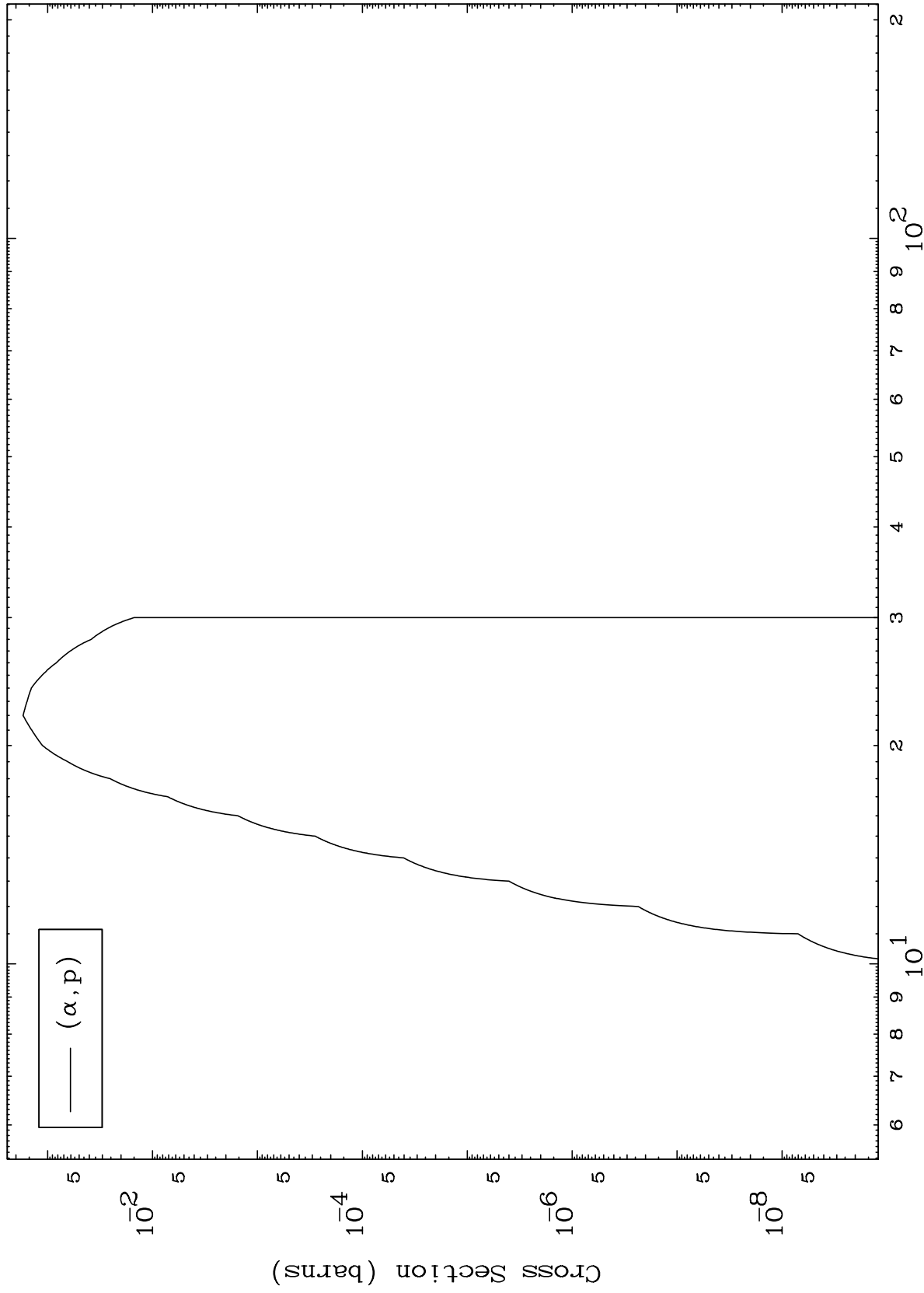
Incident Energy (MeV)

71-Lu-154

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71-Lu-154

(α, p) Levels
0 Kelvin Cross Sections



6

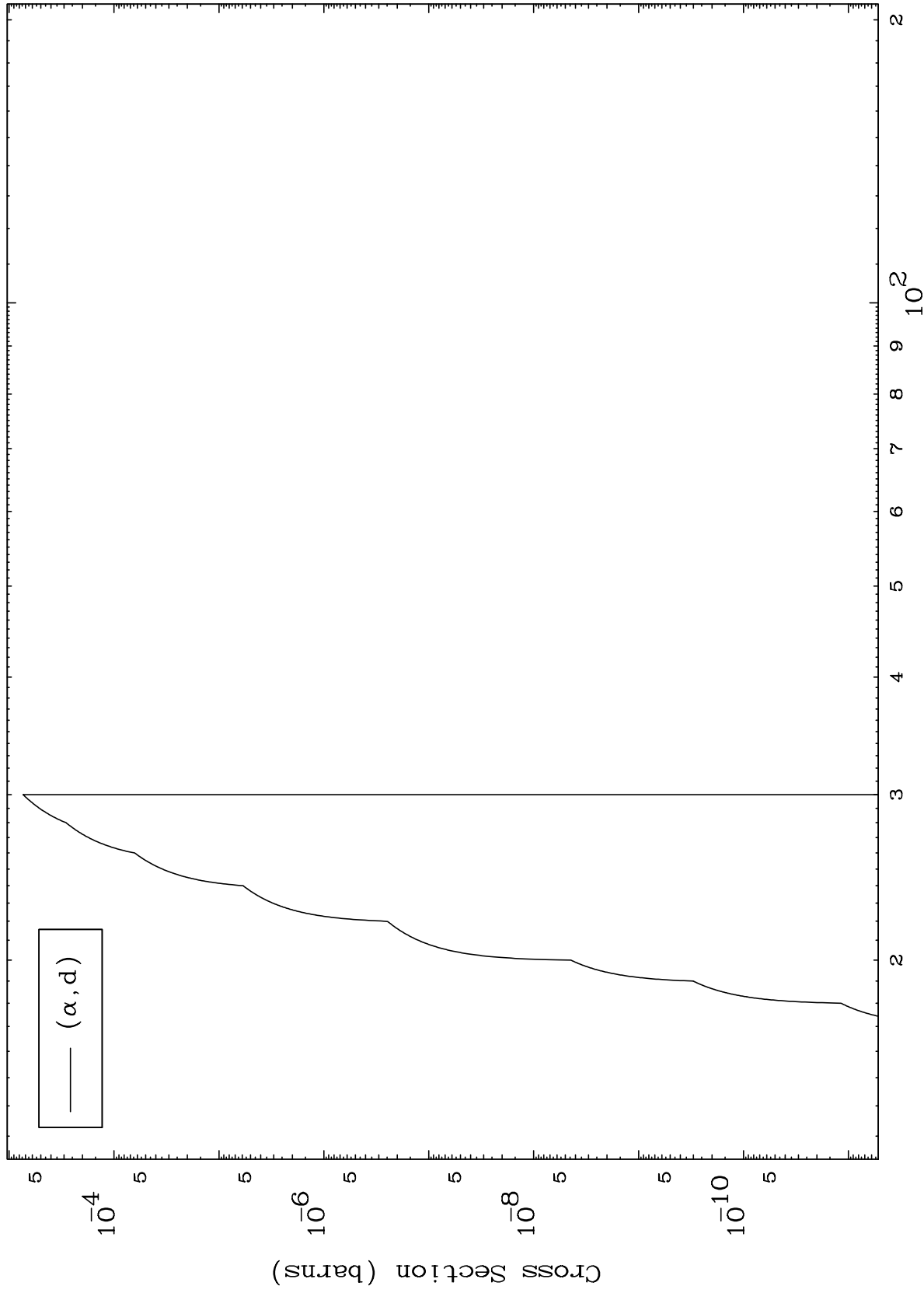
Incident Energy (MeV)

71-Lu-154

MAT 7063

71-Lu-154

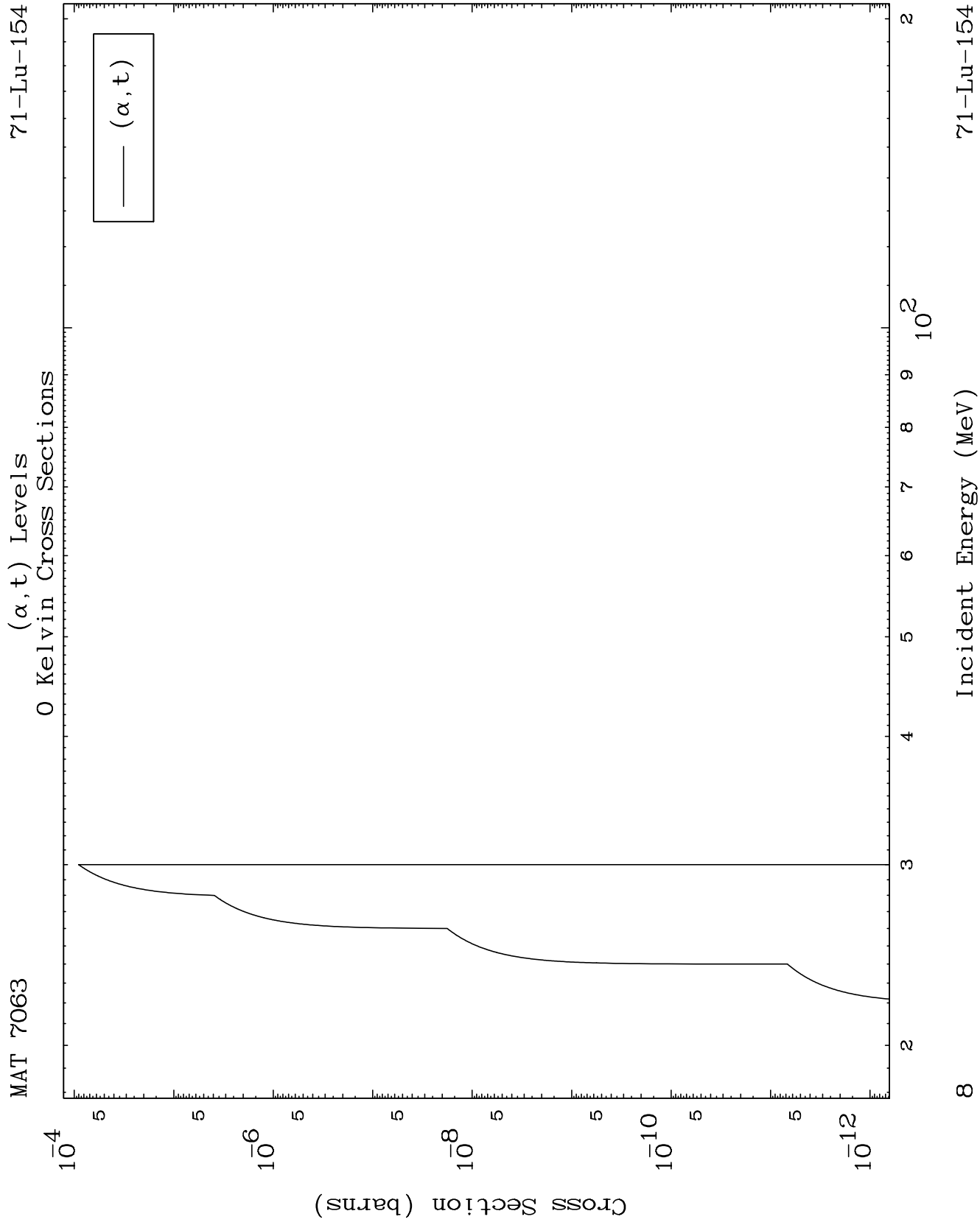
(α ,d) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

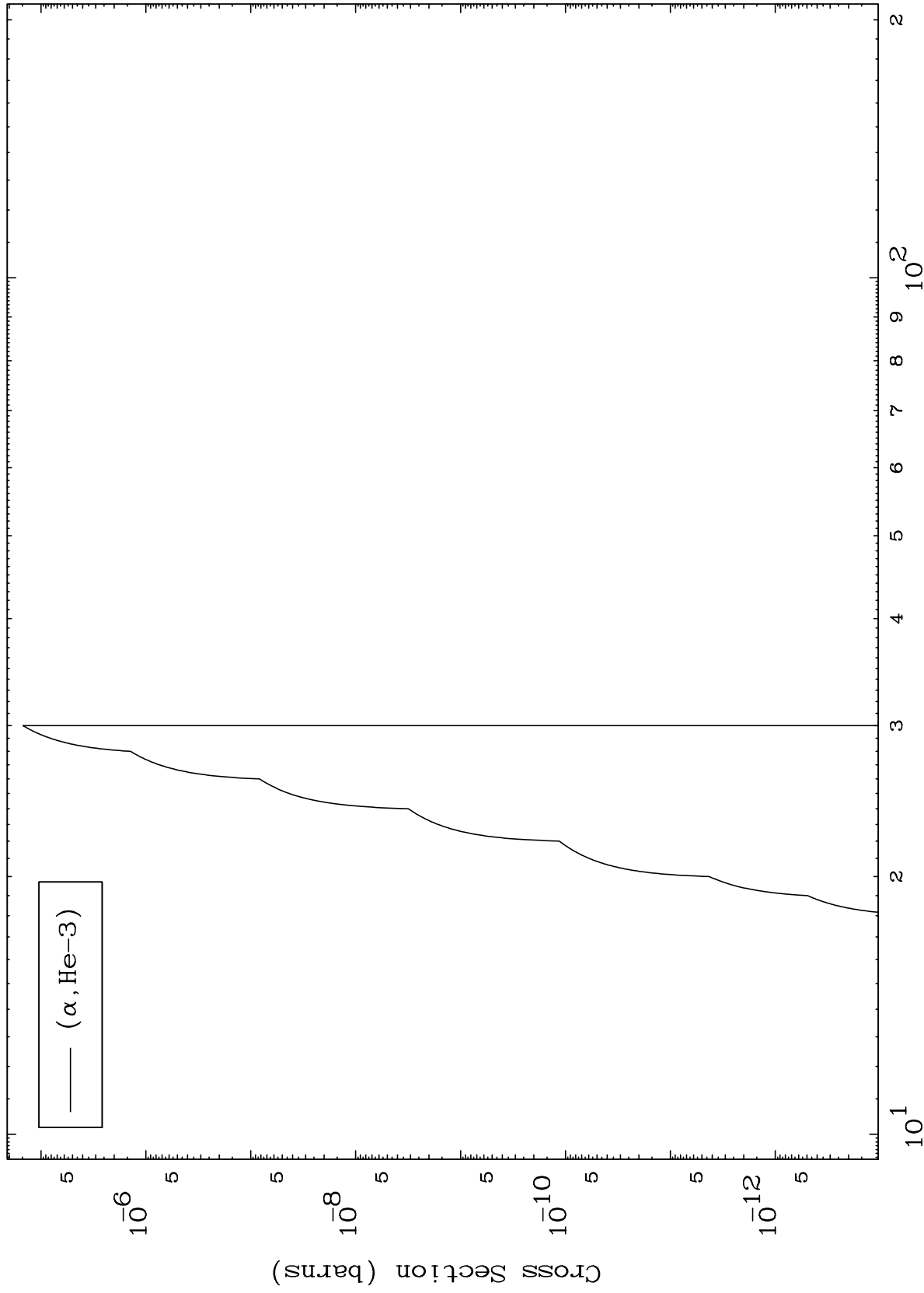
71-Lu-154



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(α ,He3) Levels
0 Kelvin Cross Sections

71-Lu-154



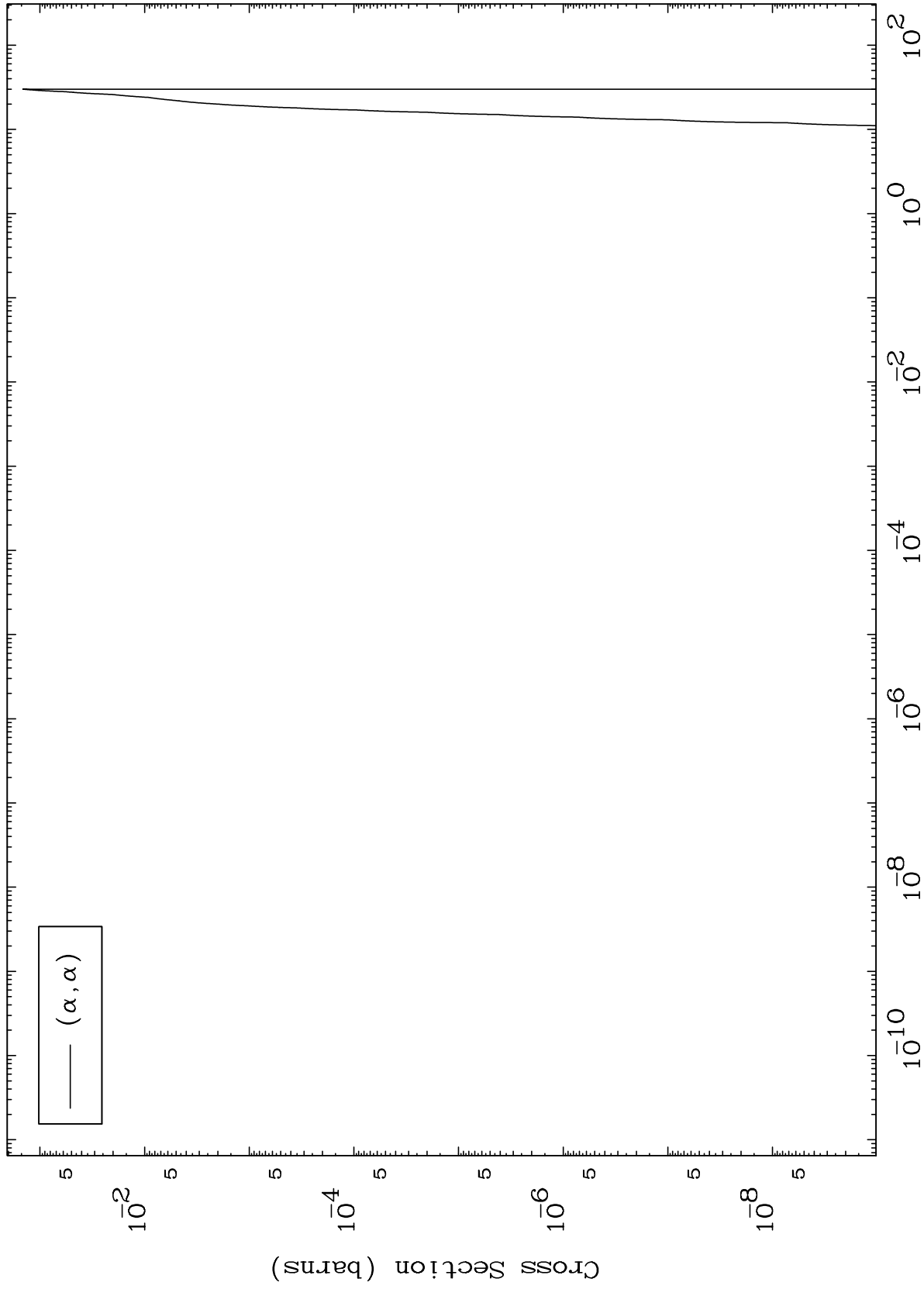
Incident Energy (MeV)

71-Lu-154

MAT 7063

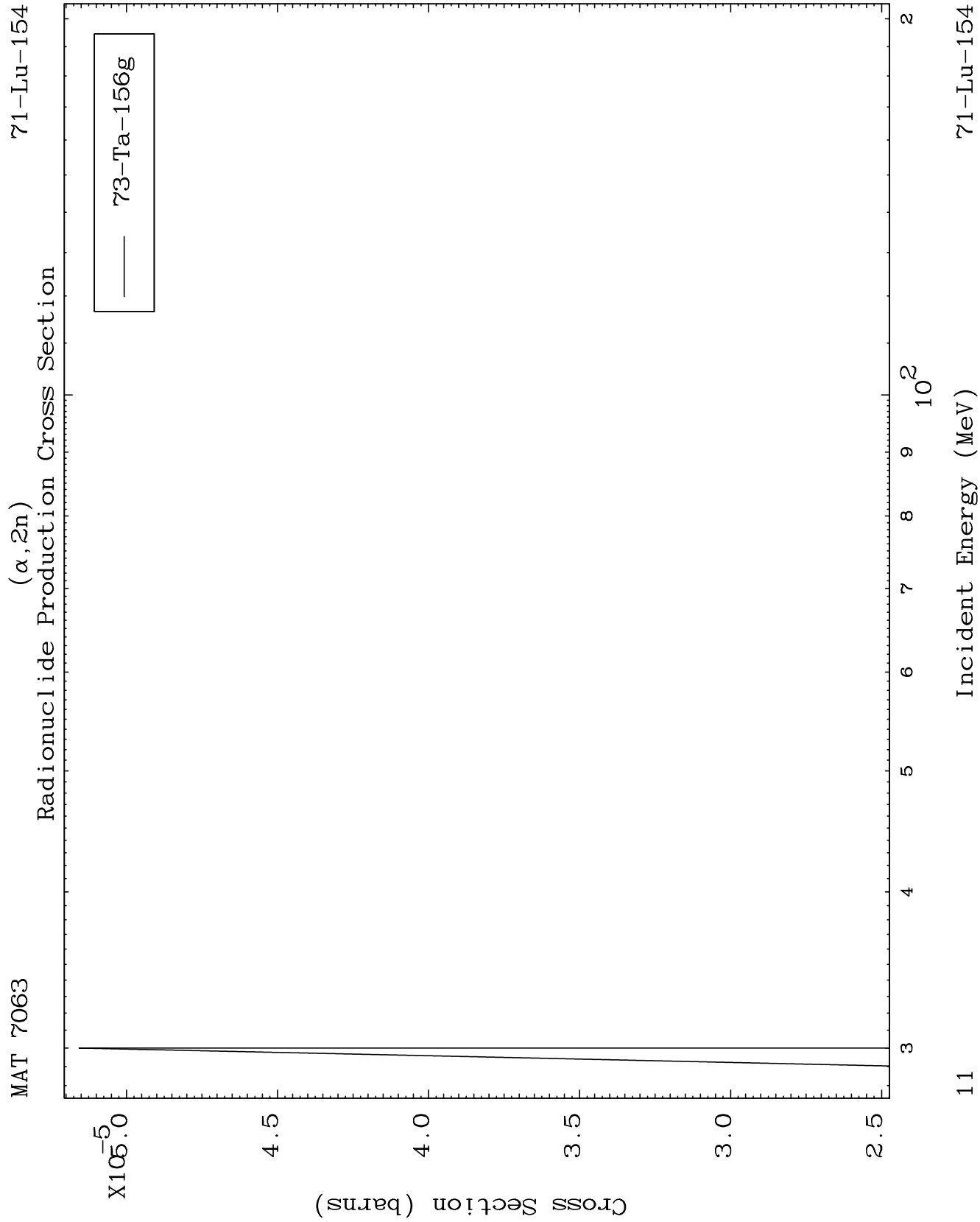
(α, α) Levels
0 Kelvin Cross Sections

71-Lu-154



Incident Energy (MeV)

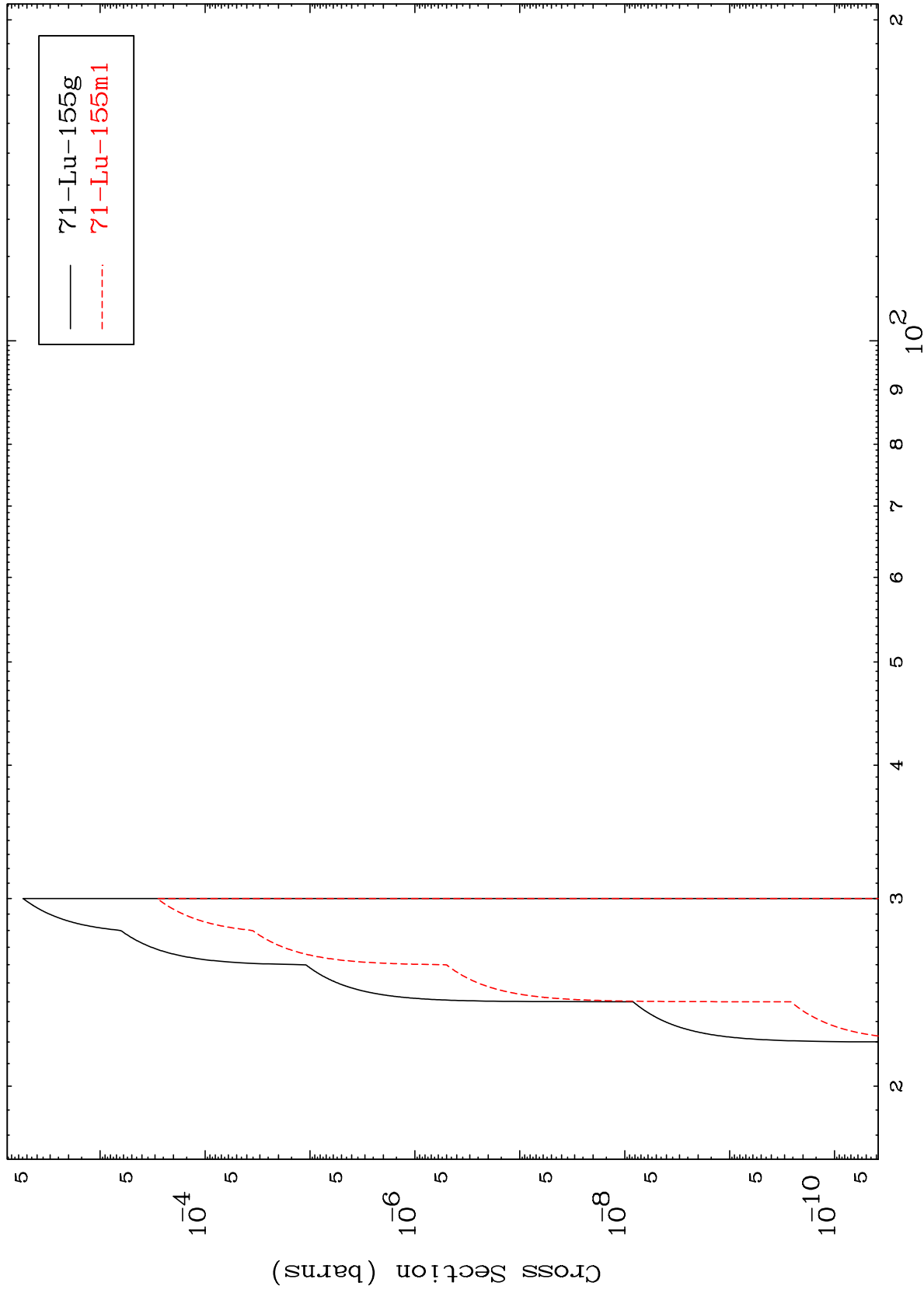
71-Lu-154



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⁷¹Lu-154

⁷¹Lu-154 (α,2n) p
Radionuclide Production Cross Section



12

Incident Energy (MeV)

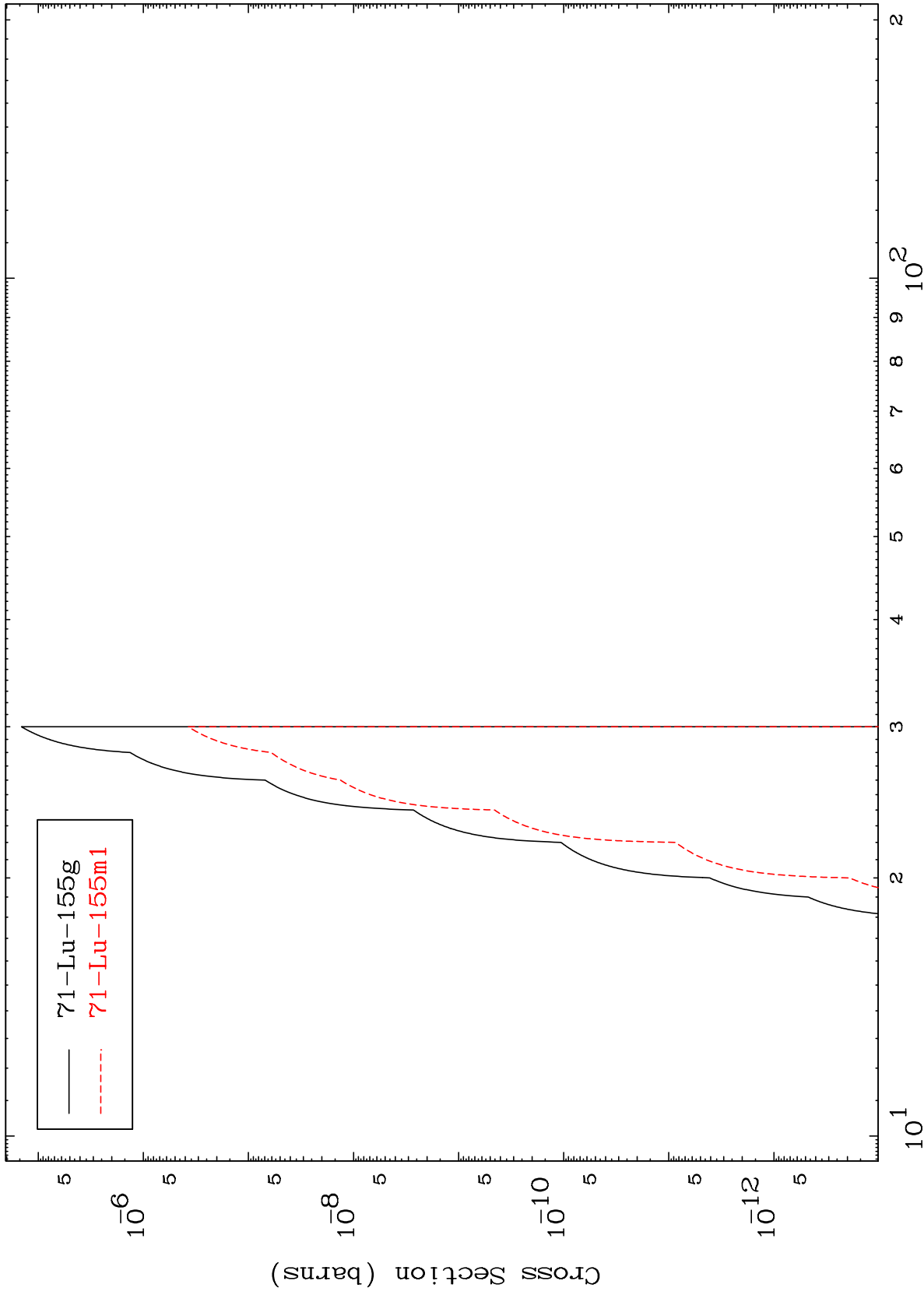
⁷¹Lu-154

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(α ,He-3)

⁷¹Lu-154

Radionuclide Production Cross Section



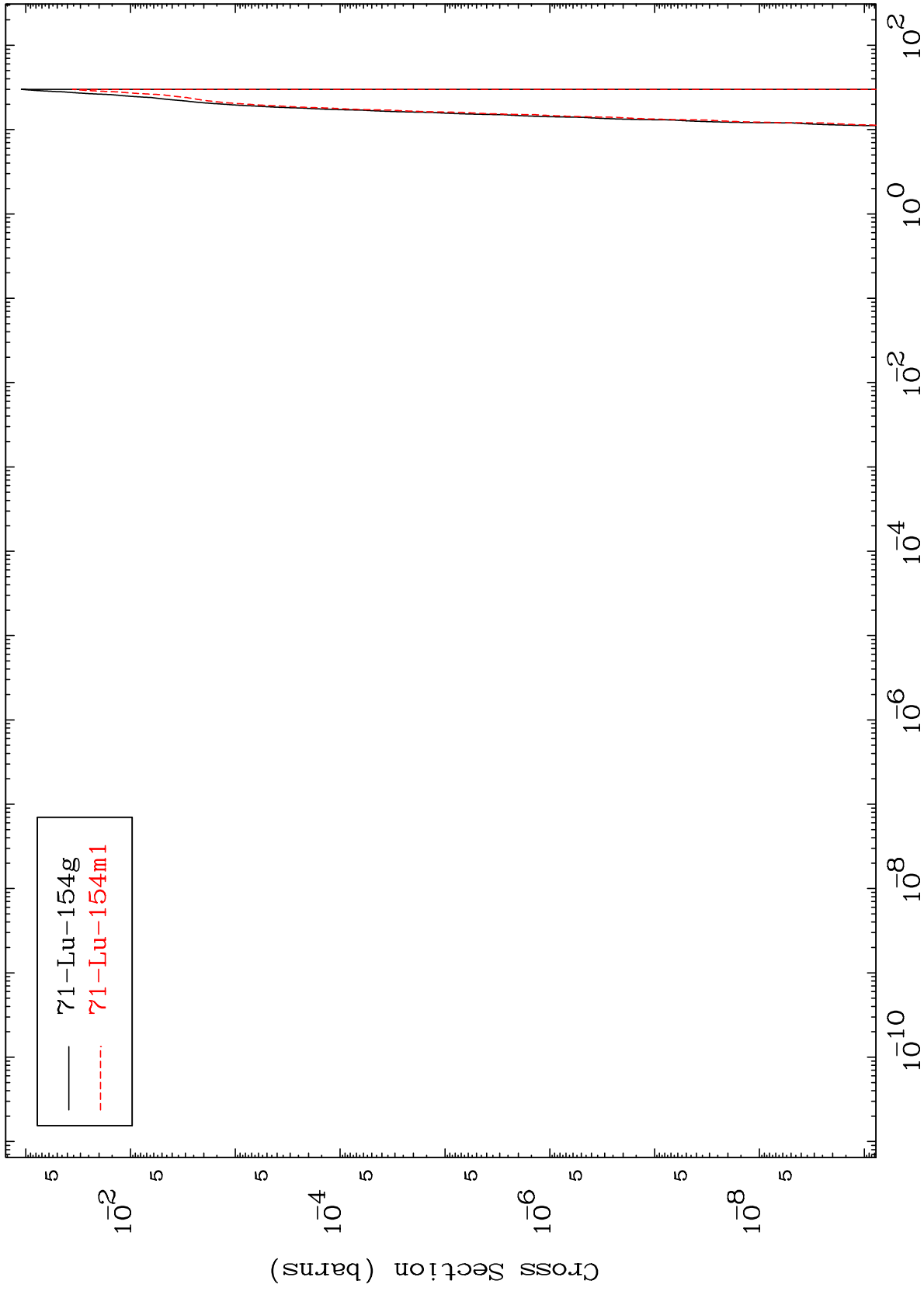
Incident Energy (MeV)

⁷¹Lu-154

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(α, α)
Radionuclide Production Cross Section

⁷¹Lu-154



14

Incident Energy (MeV)

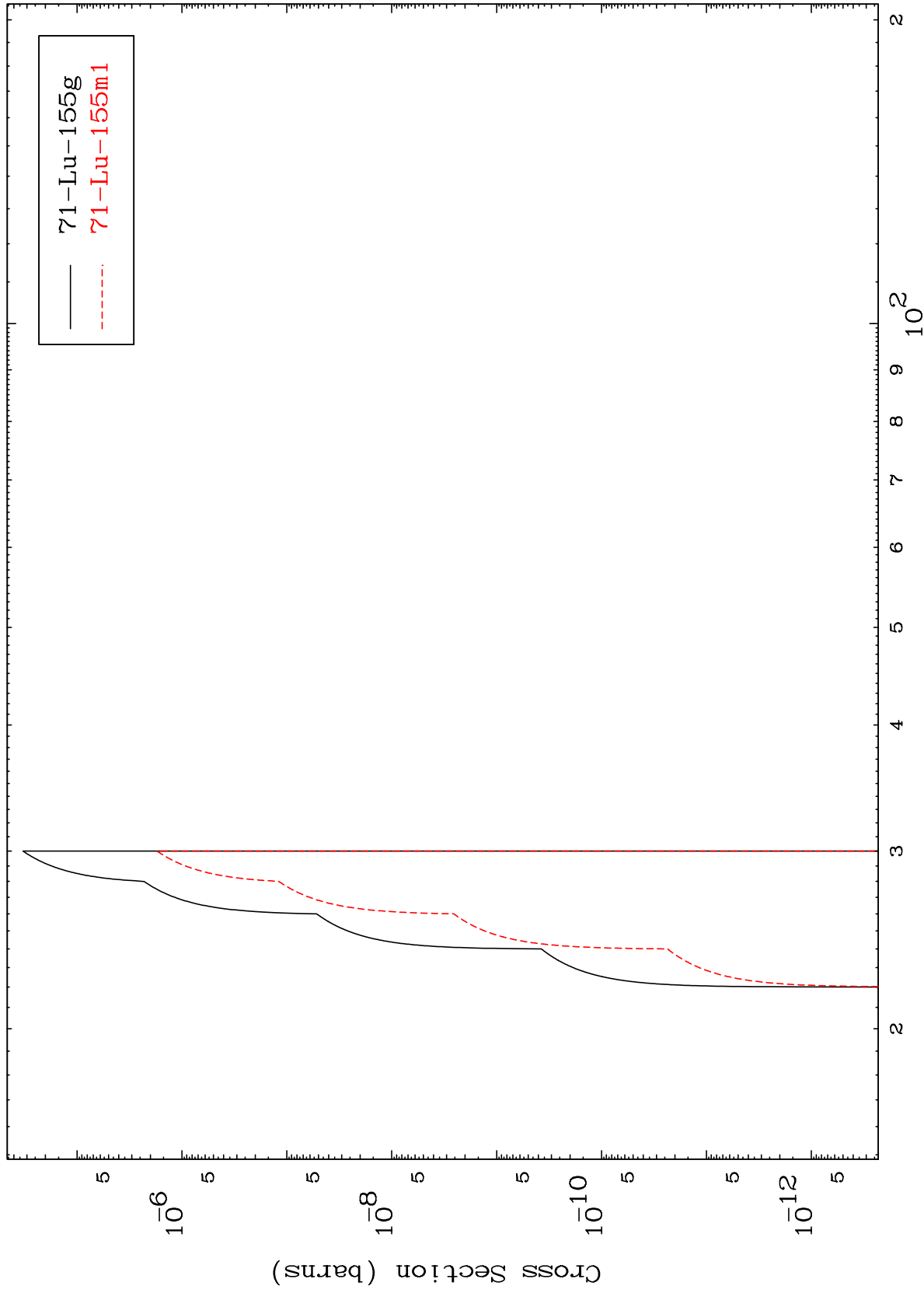
⁷¹Lu-154

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(α, p) d

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

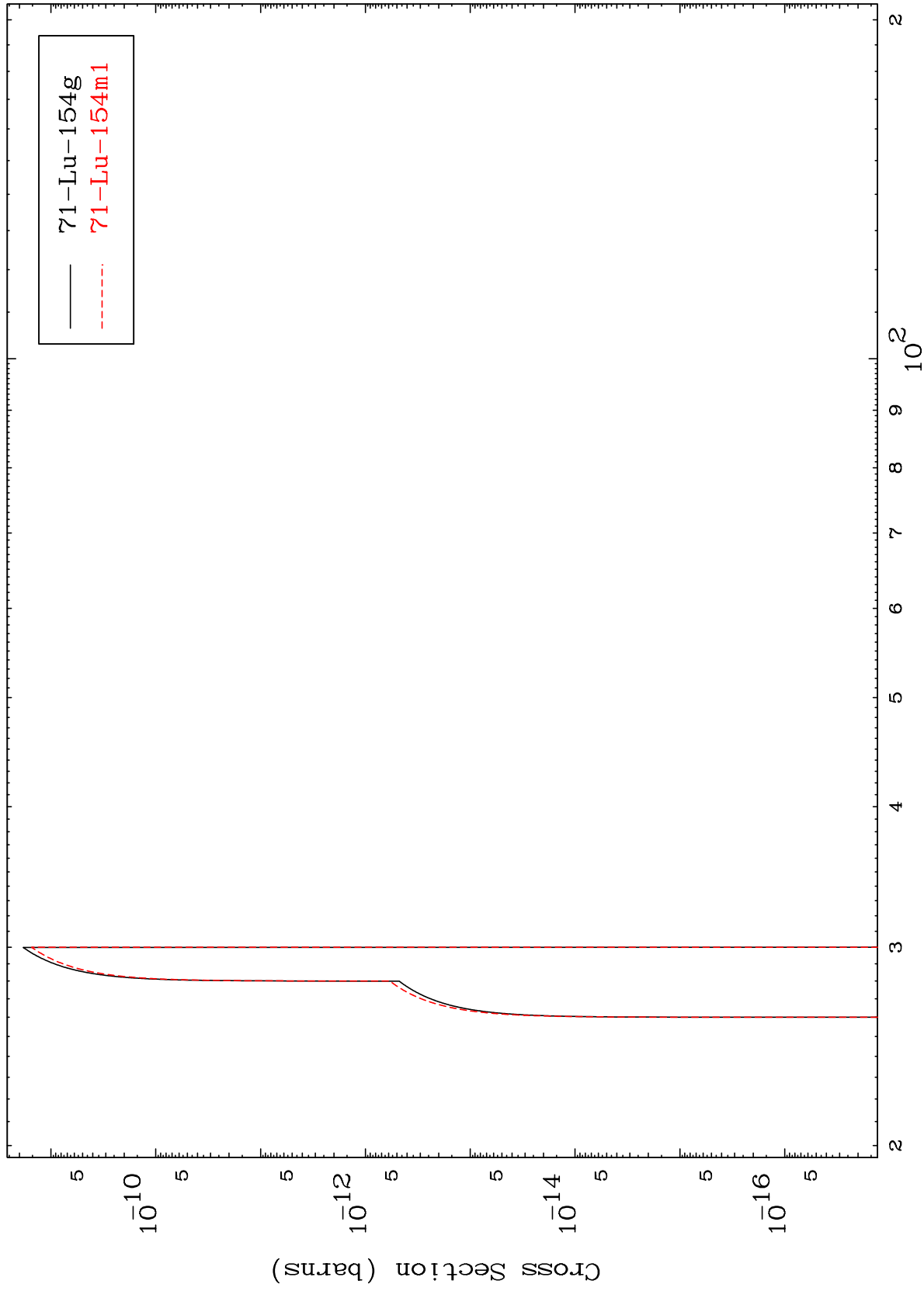
$^{71}\text{Lu-154}$

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(α ,p) t

⁷¹Lu-¹⁵⁴

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷¹Lu-¹⁵⁴