

Program EVALPLOT
(Version 2021-1)

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

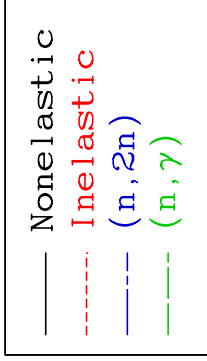
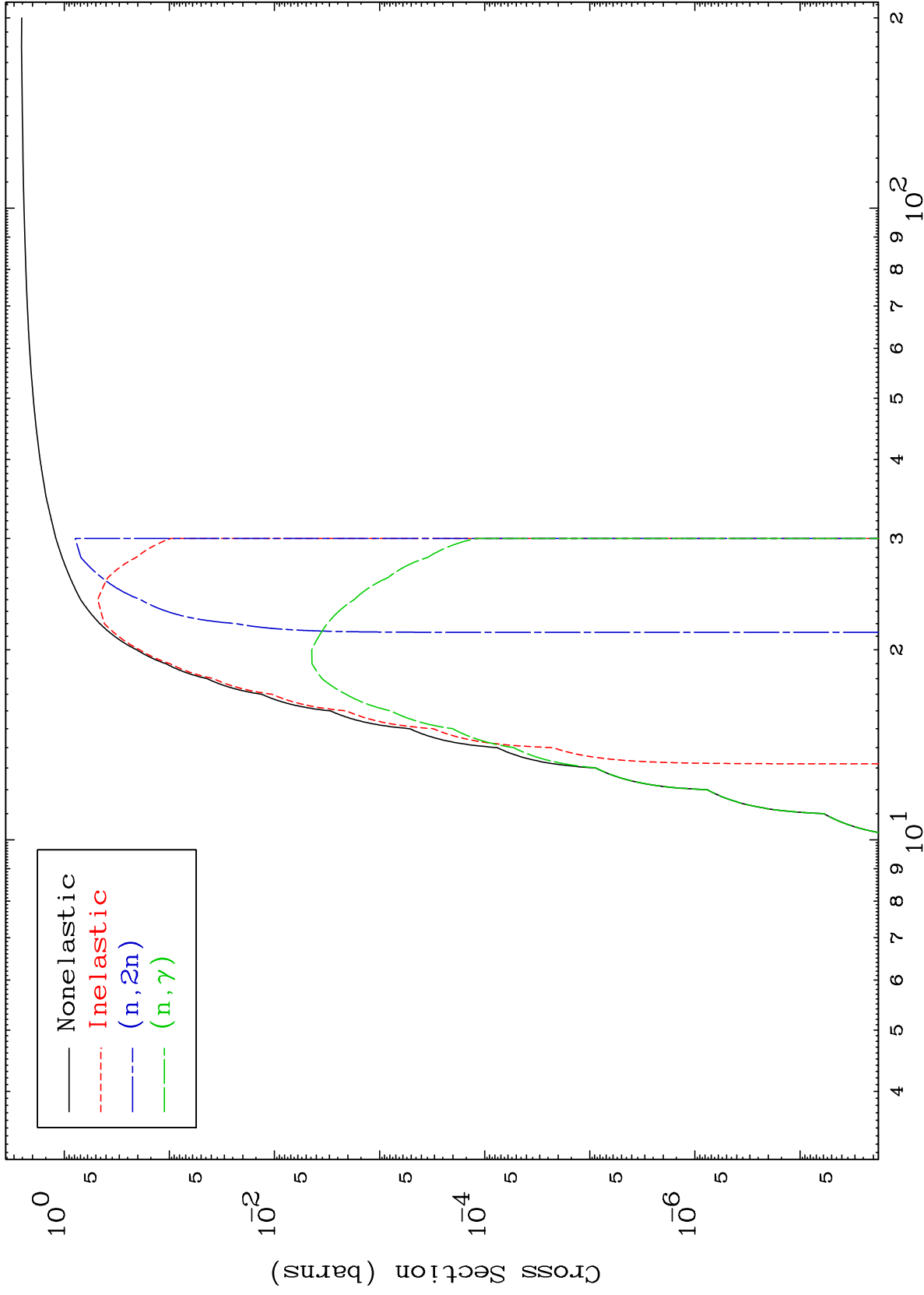
Press Mouse Button to Start

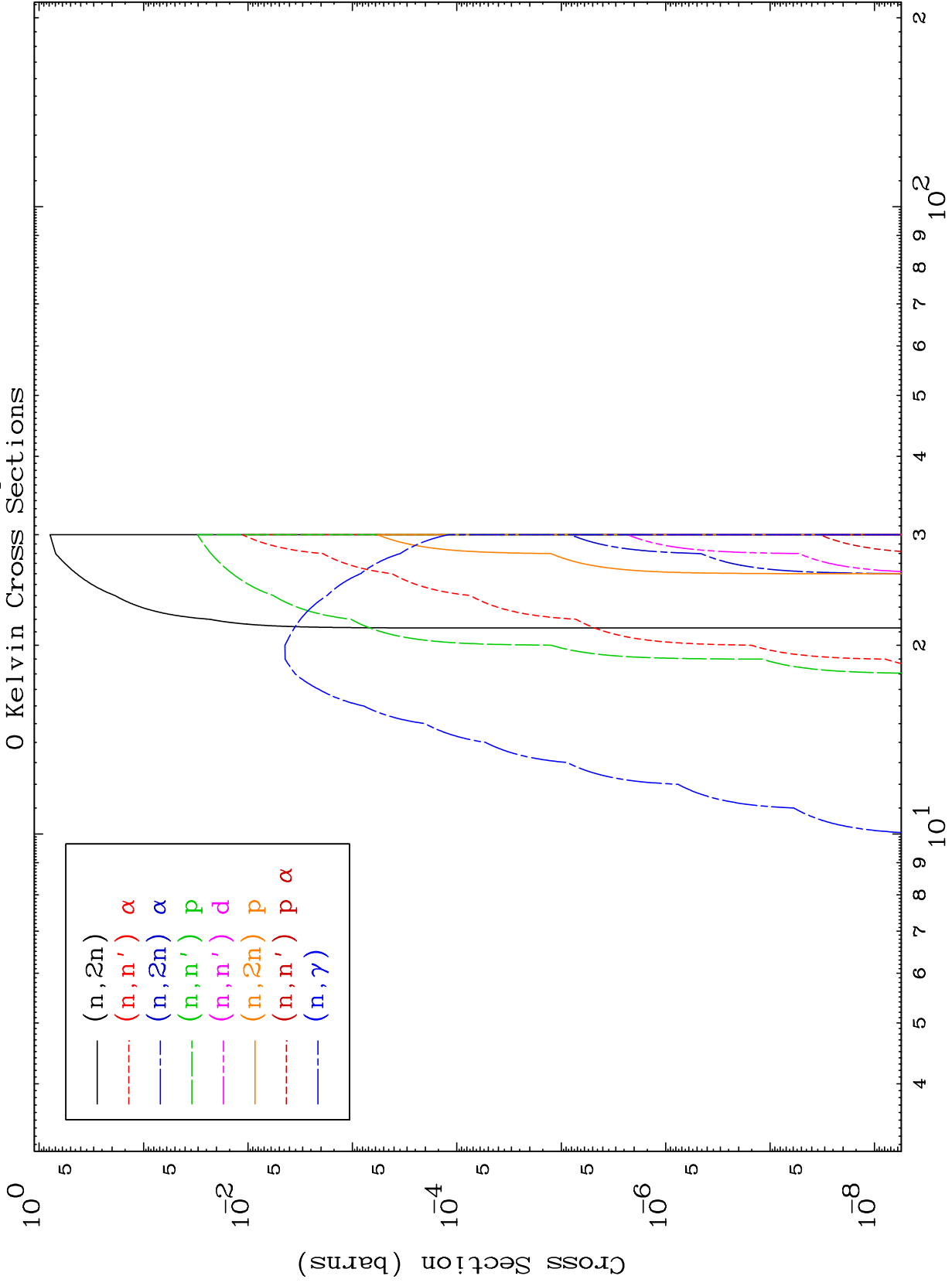
MAT 7102

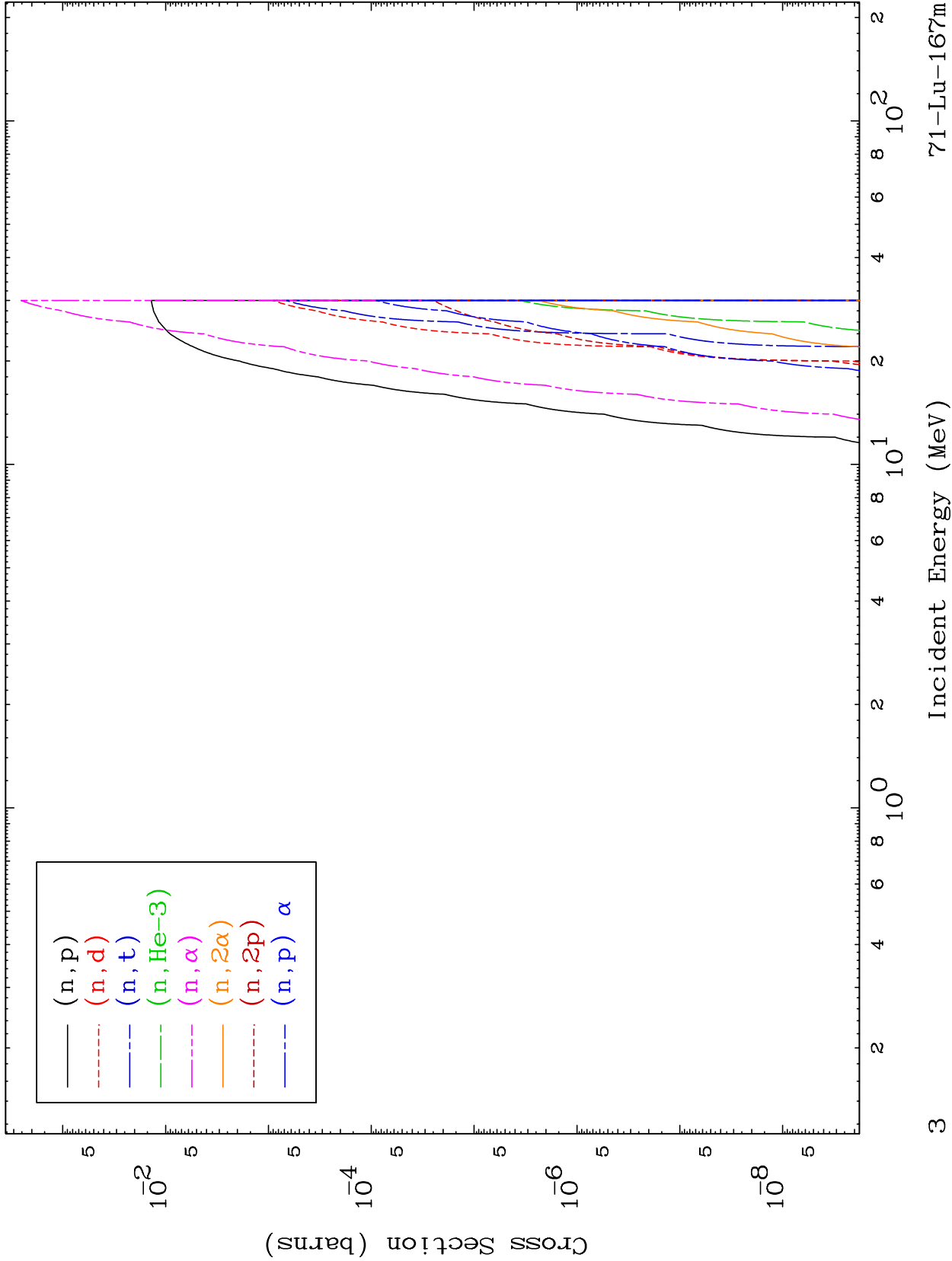
α Major

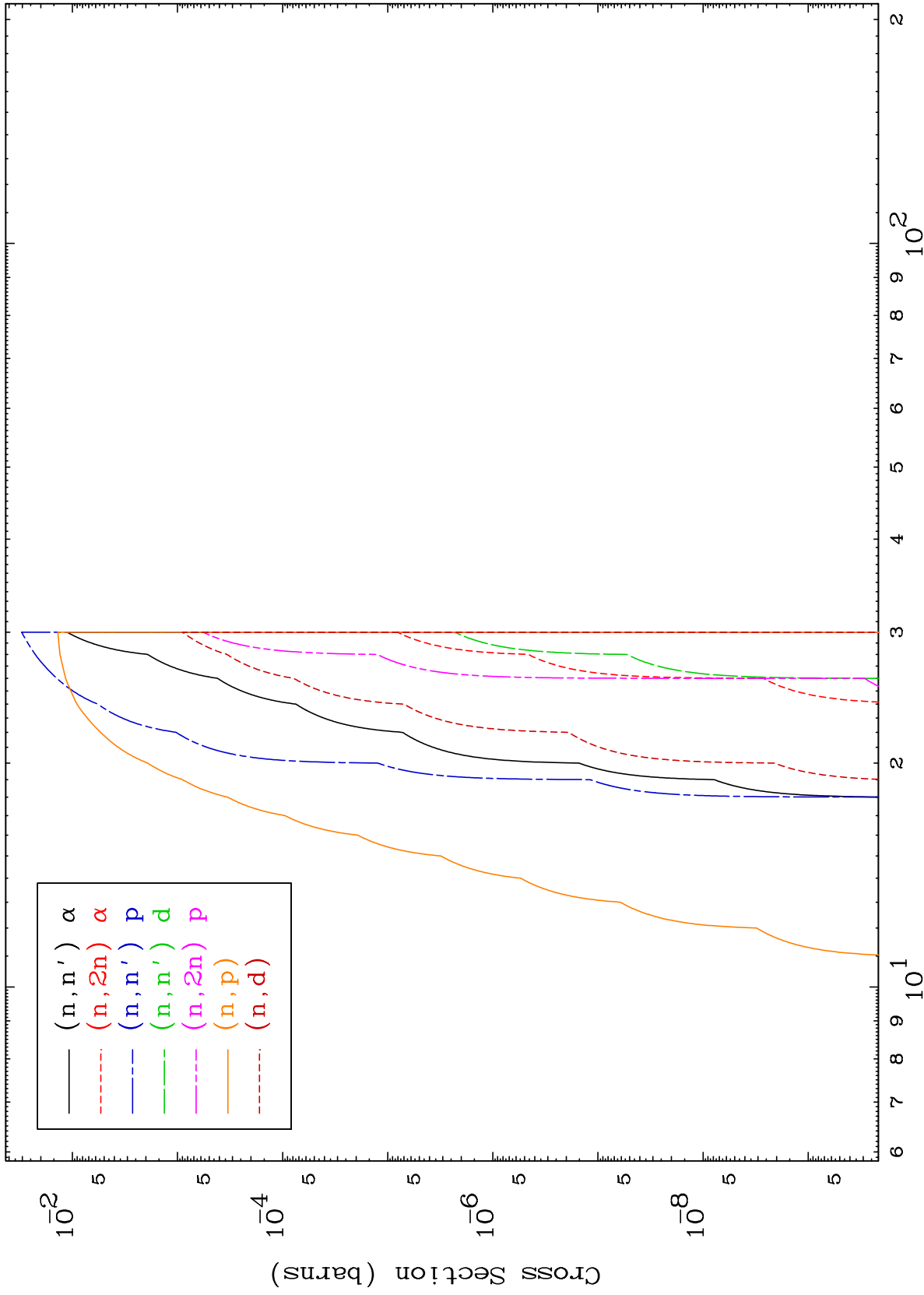
⁷¹Lu-167m

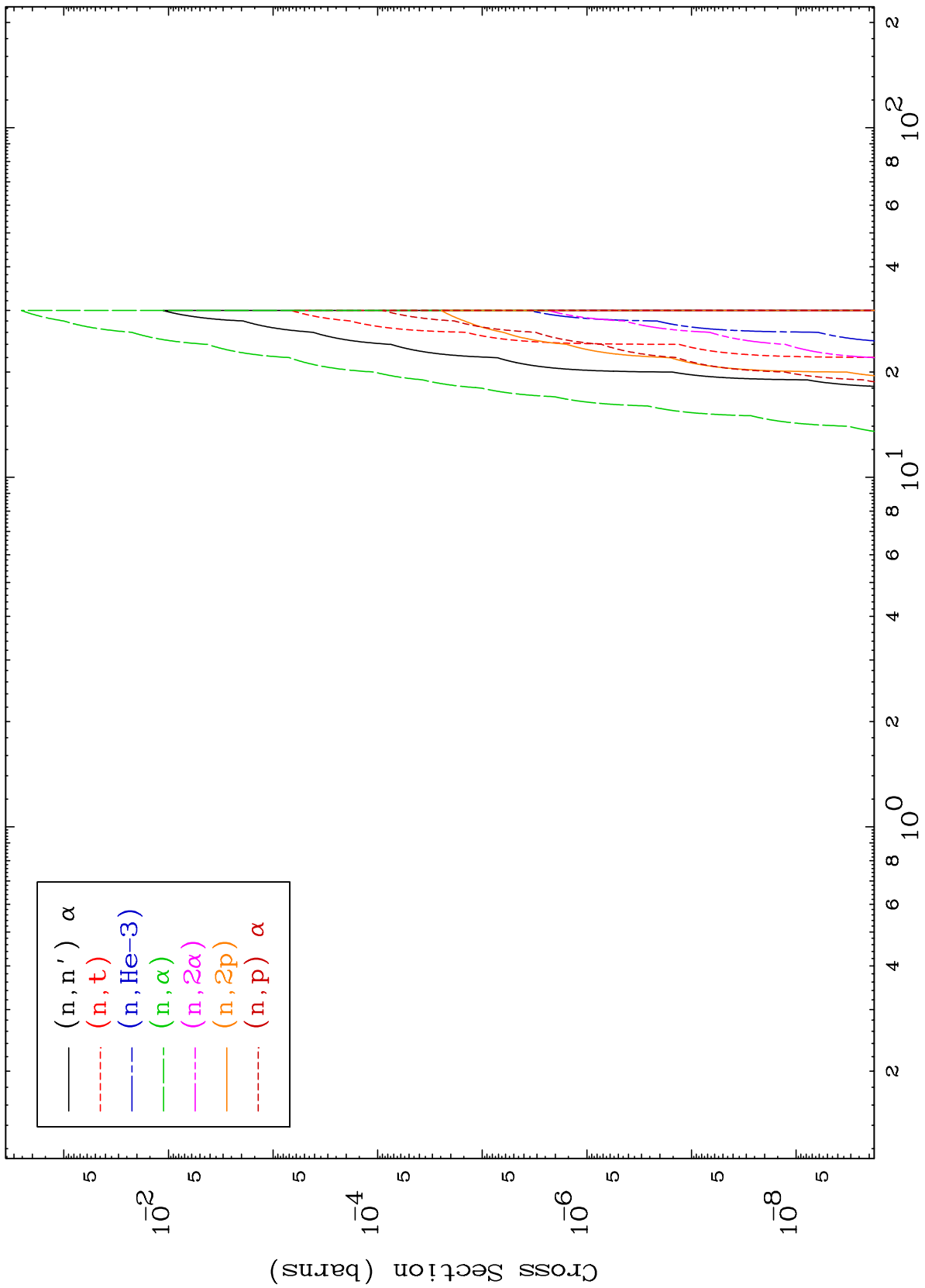
0 Kelvin Cross Sections









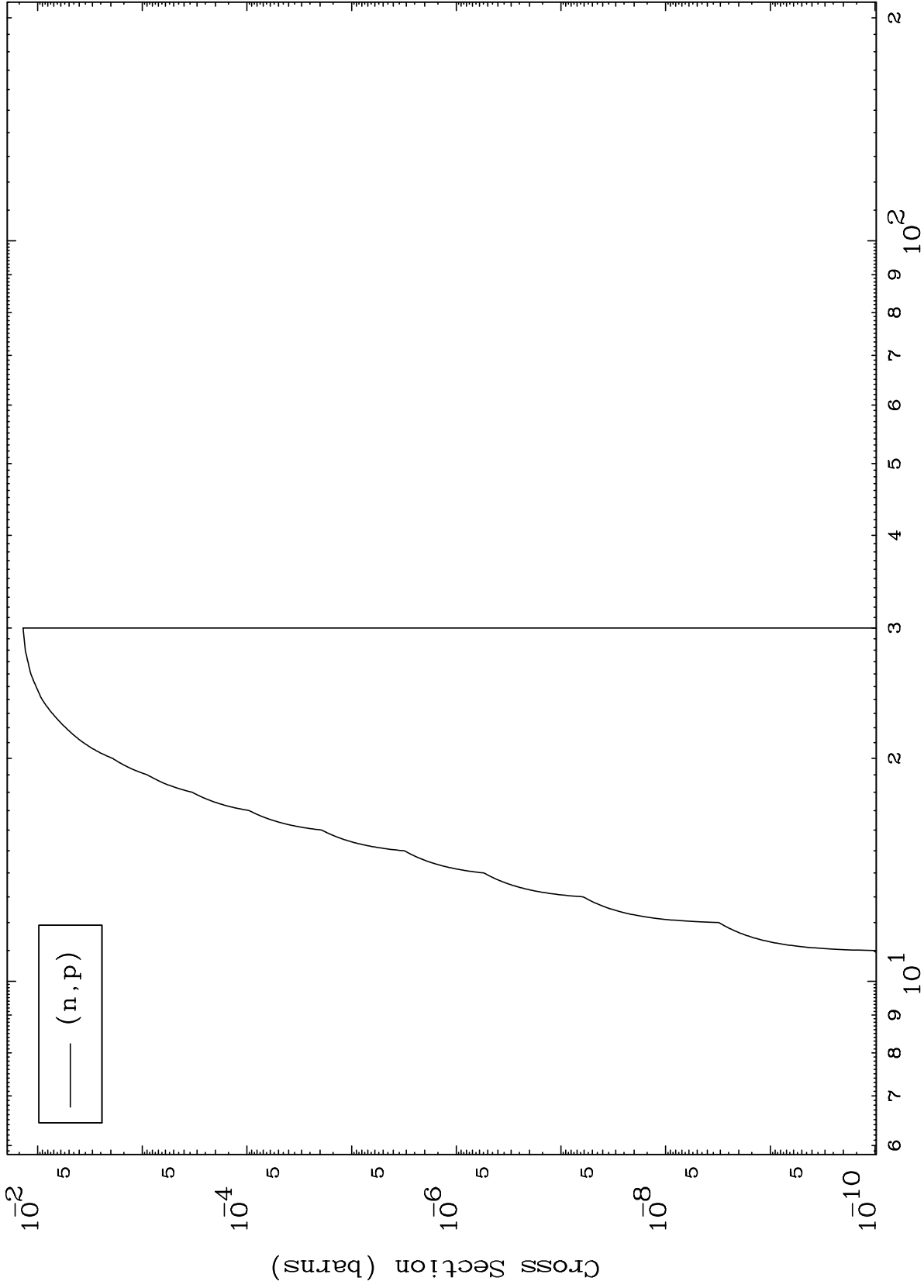


MAT 7102

(α, p) Levels

$^{71}\text{Lu}-167\text{m}$

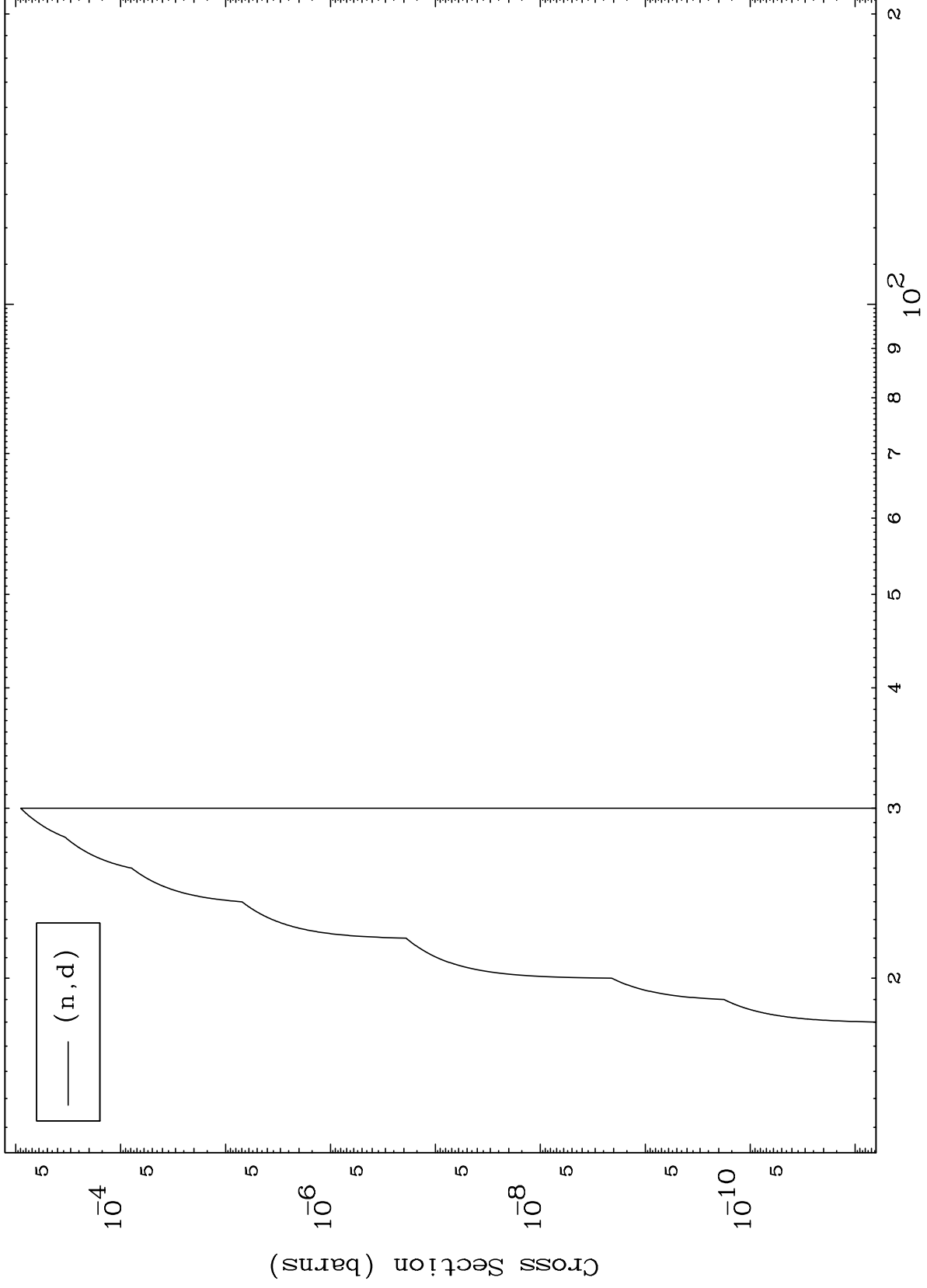
0 Kelvin Cross Sections

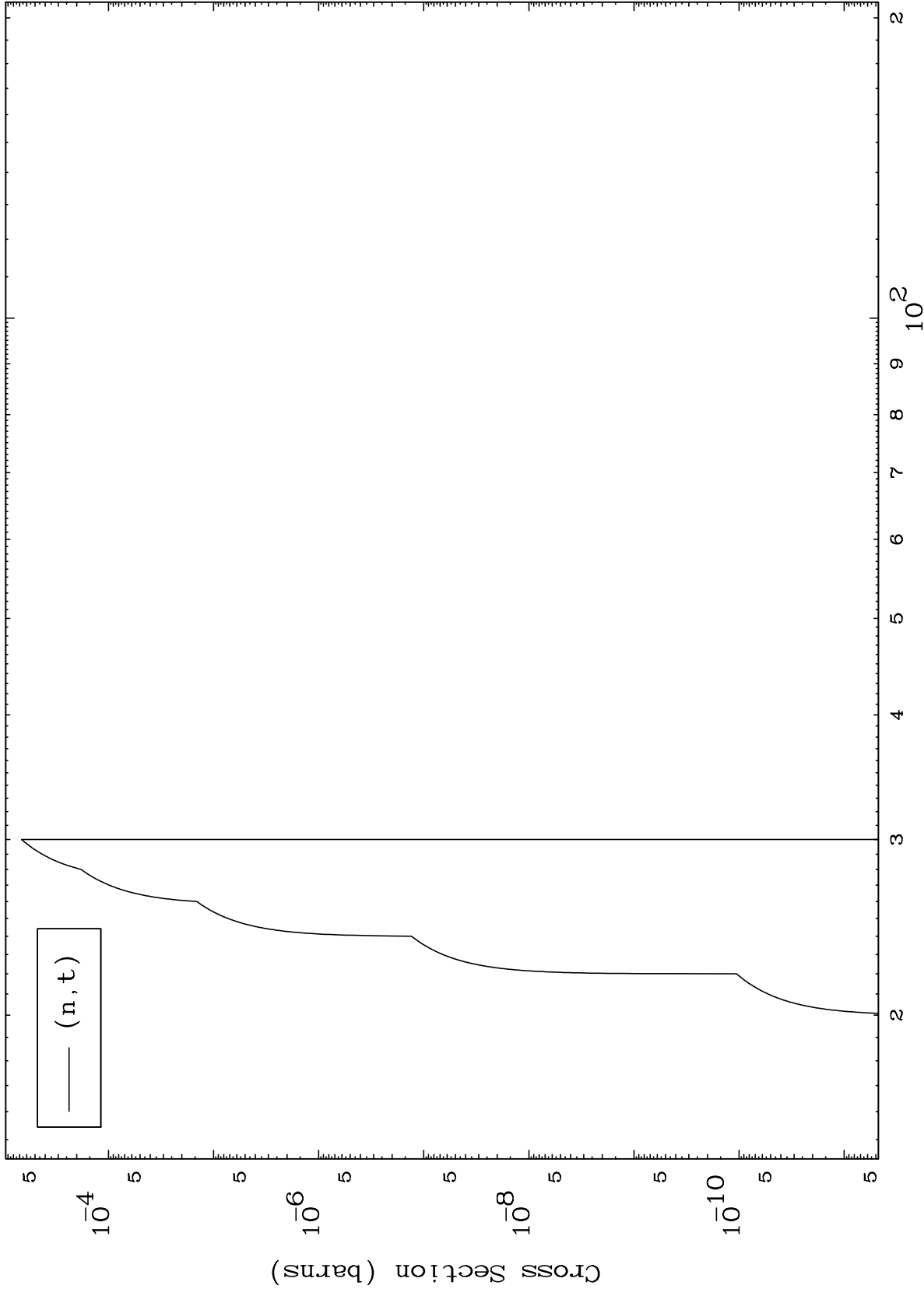


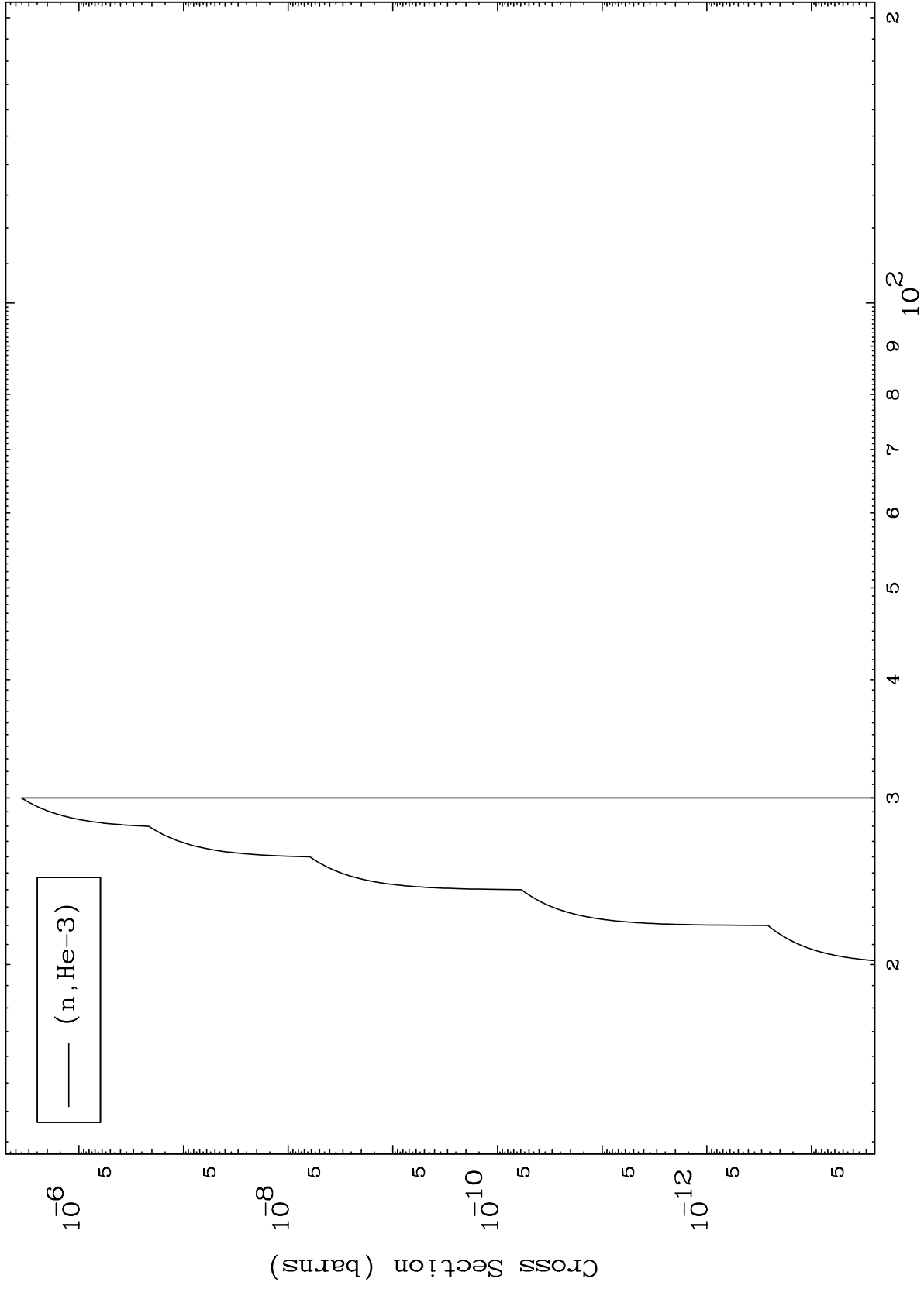
Incident Energy (MeV)

$^{71}\text{Lu}-167\text{m}$

6





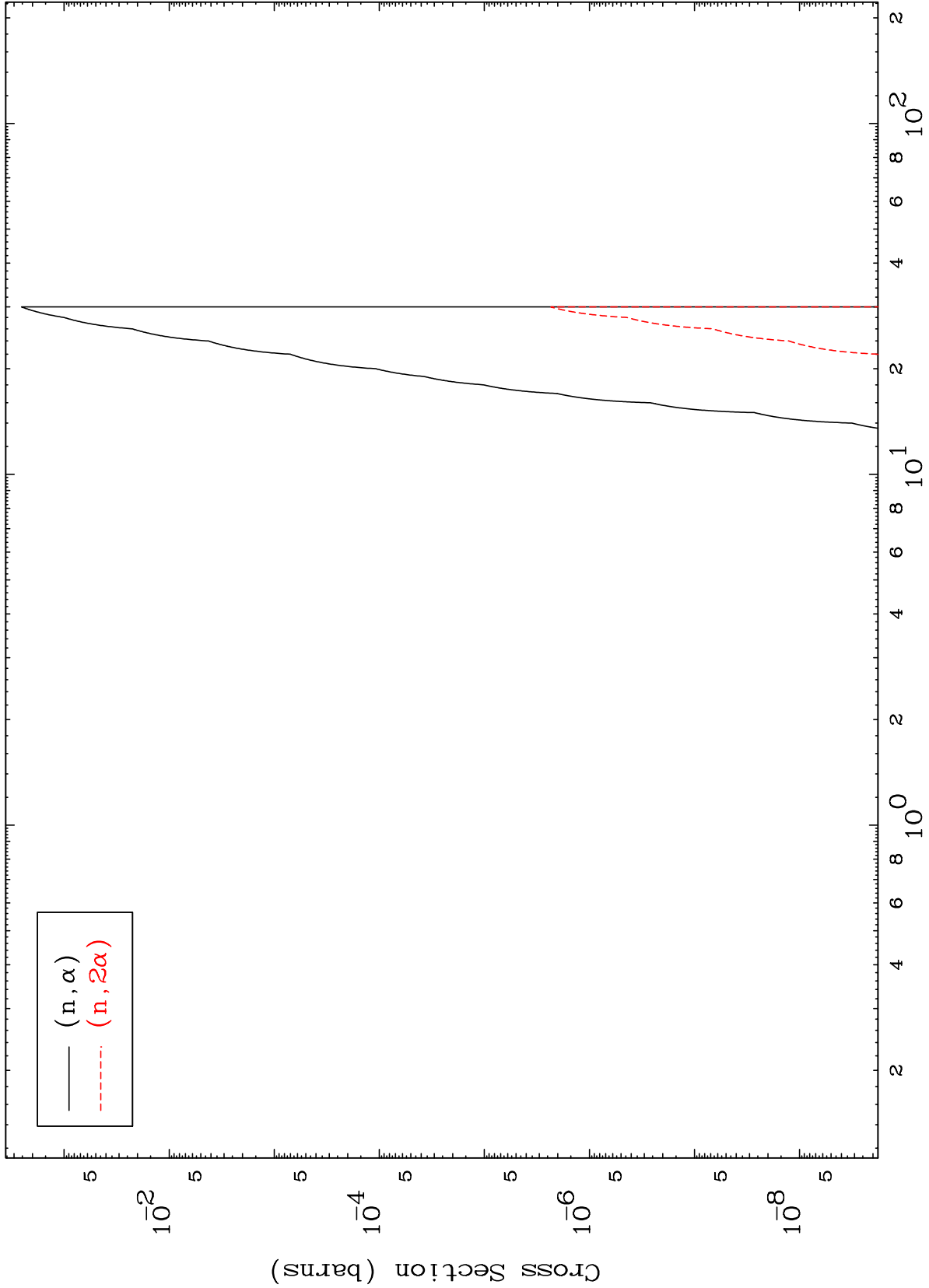


MAT 7102

(α, α) Levels

⁷¹Lu-167m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

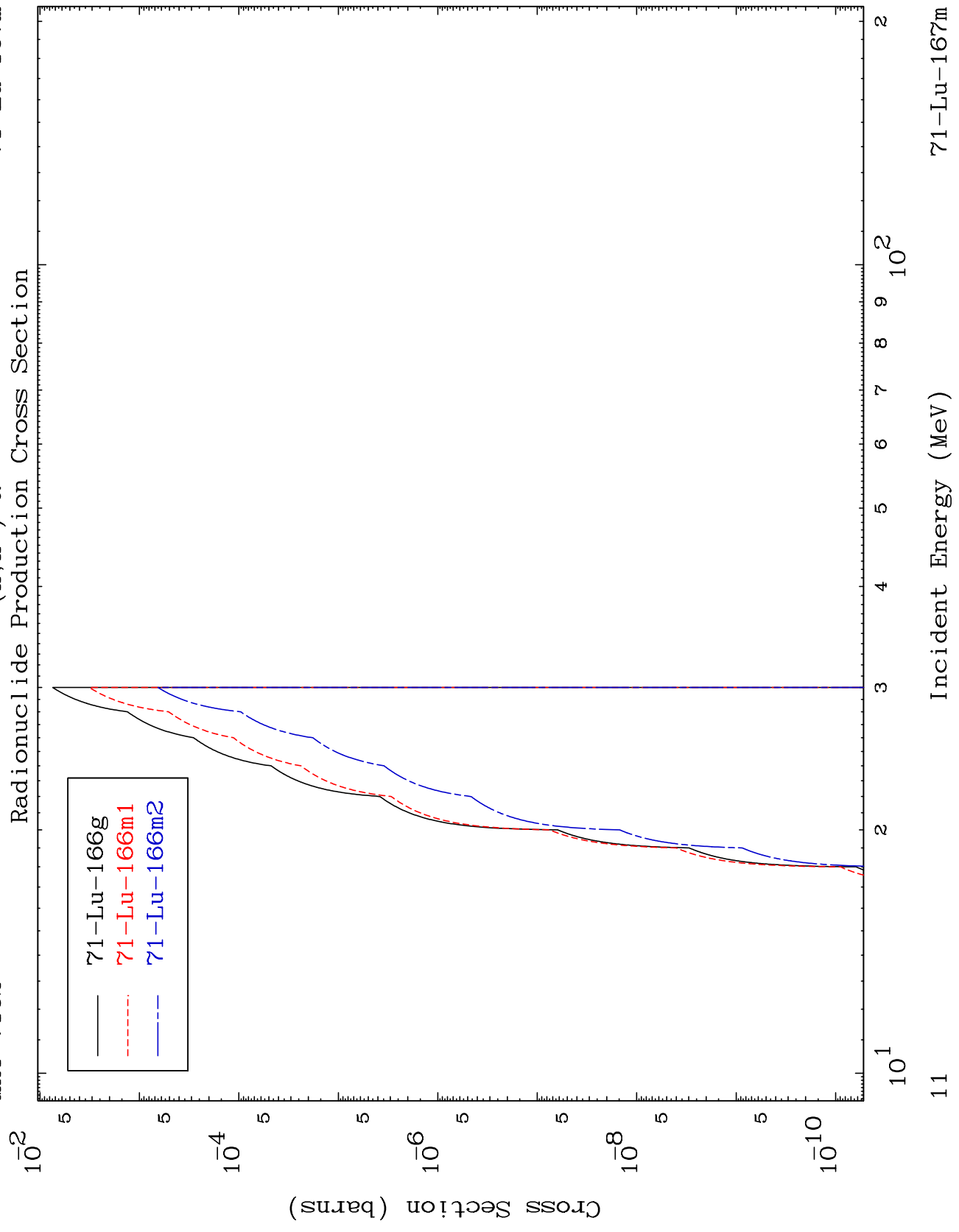
Incident Energy (MeV)

⁷¹Lu-167m

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$(n, n') \alpha$

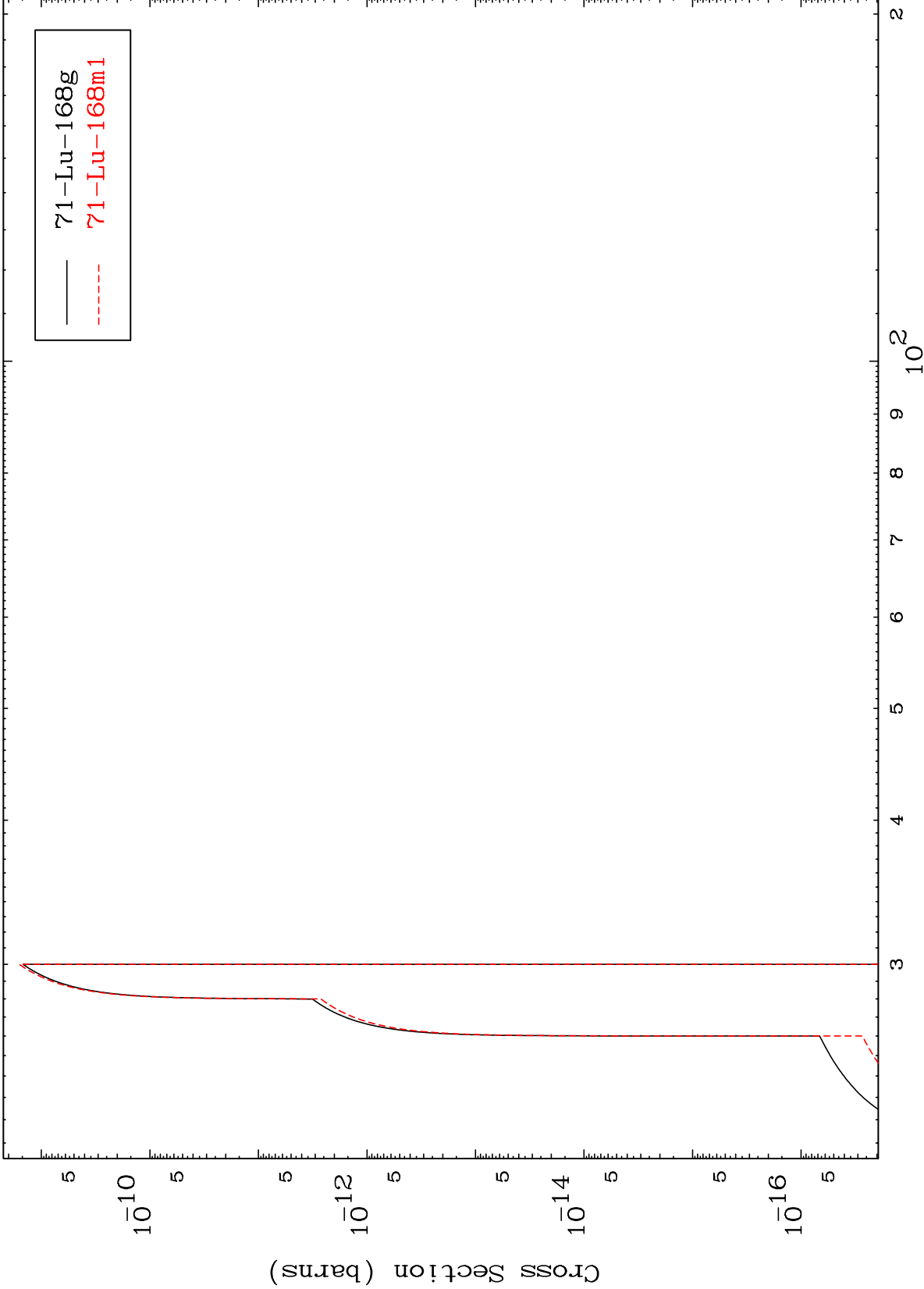
$^{71}\text{Lu-167m}$



11

$^{71}\text{Lu-167m}$

Radionuclide Production Cross Section

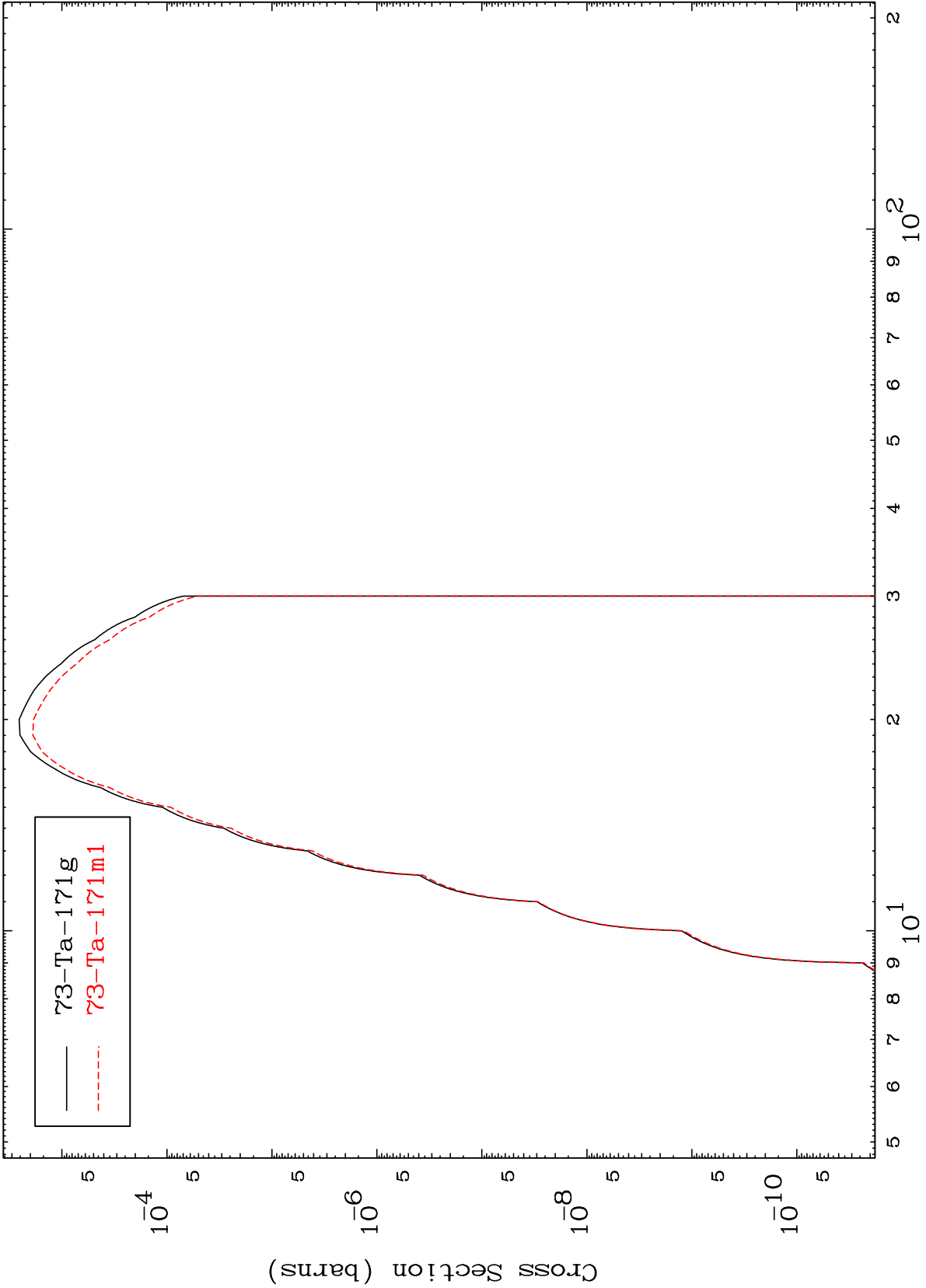


— ⁷¹Lu-168g
- - - ⁷¹Lu-168m1

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⁷¹Lu-167m

Radionuclide Production Cross Section (n,γ)



13

Incident Energy (MeV)

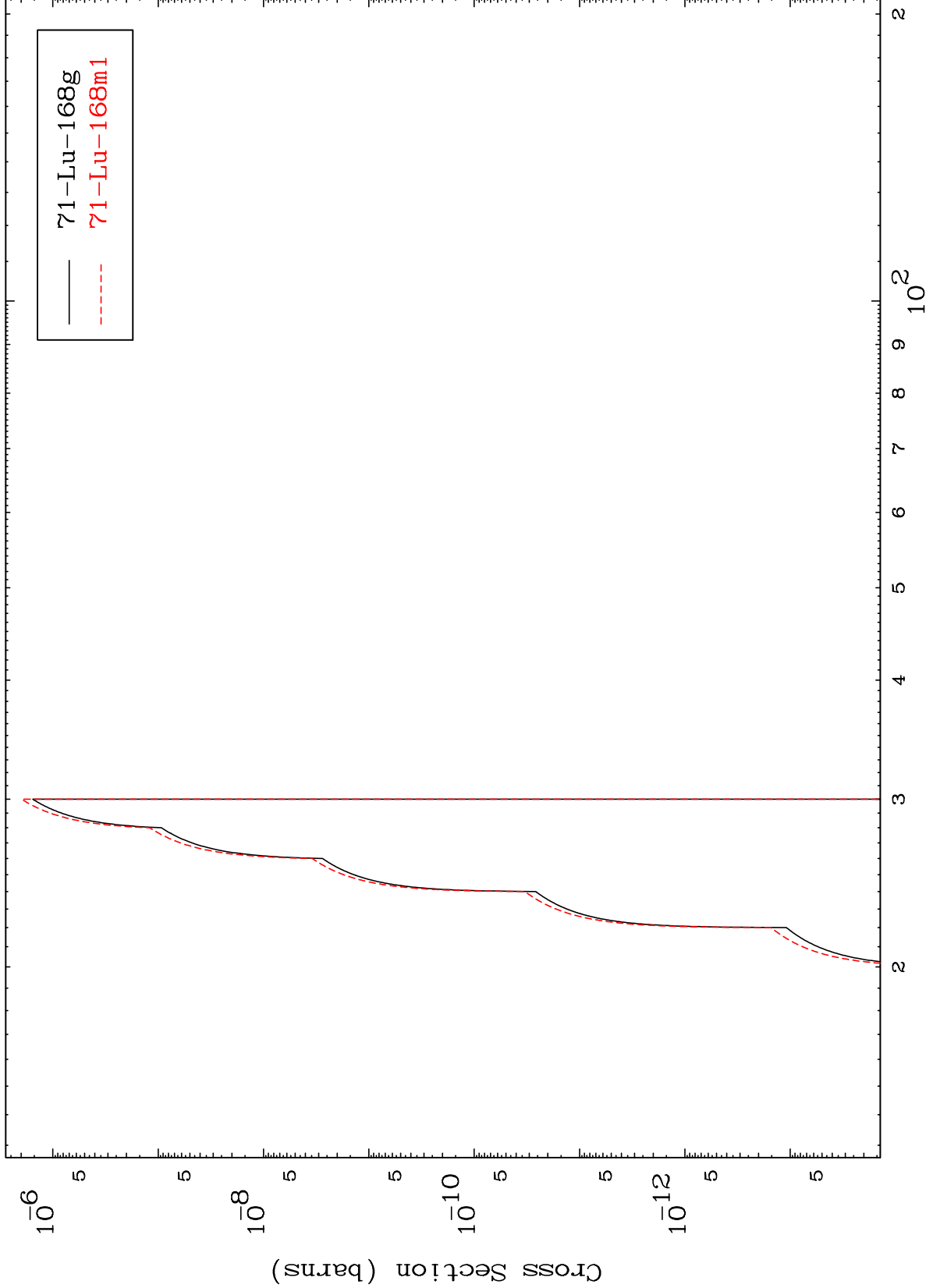
⁷¹Lu-167m

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(n,He-3)

71-Lu-167m

Radionuclide Production Cross Section



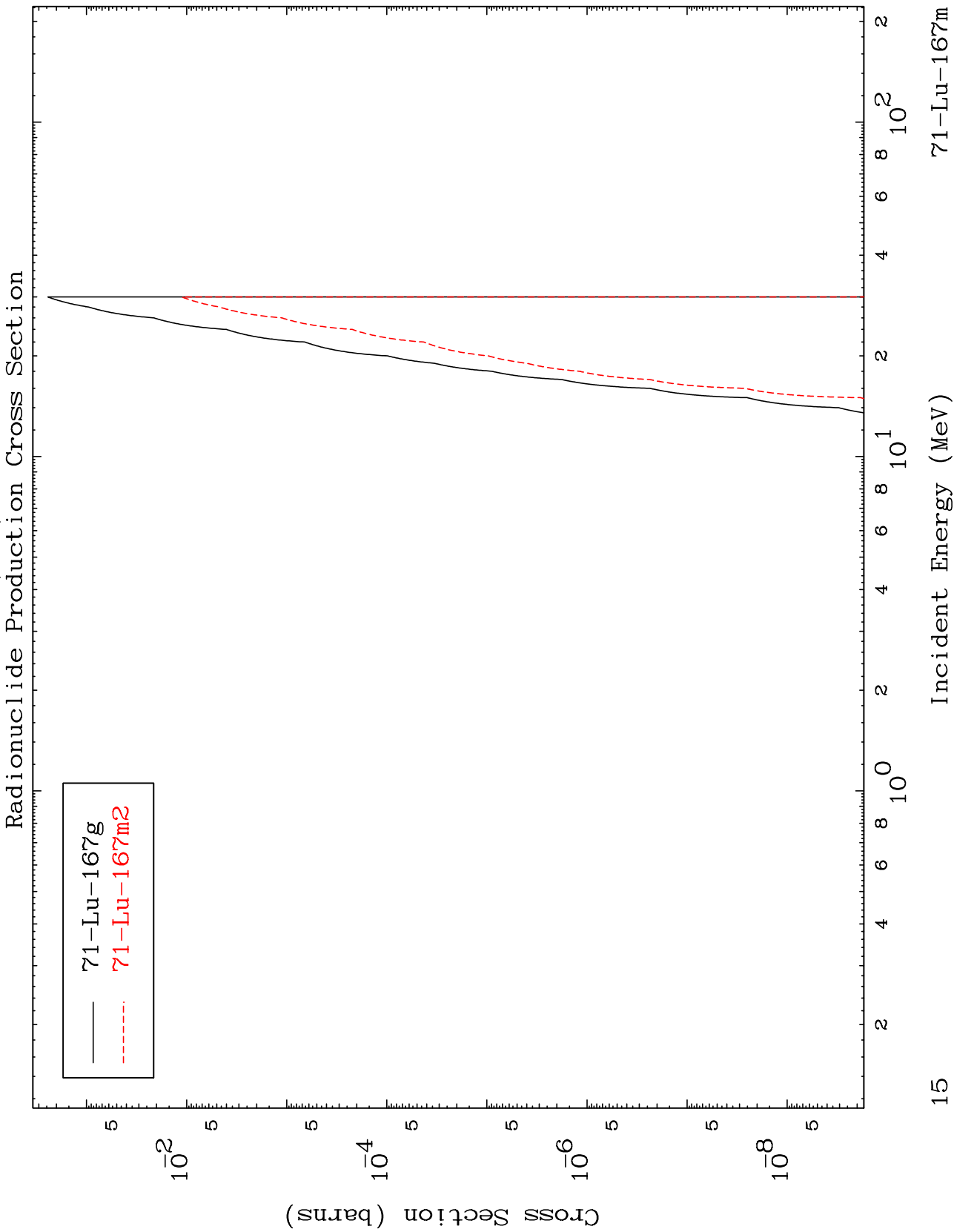
14

Incident Energy (MeV)

71-Lu-167m

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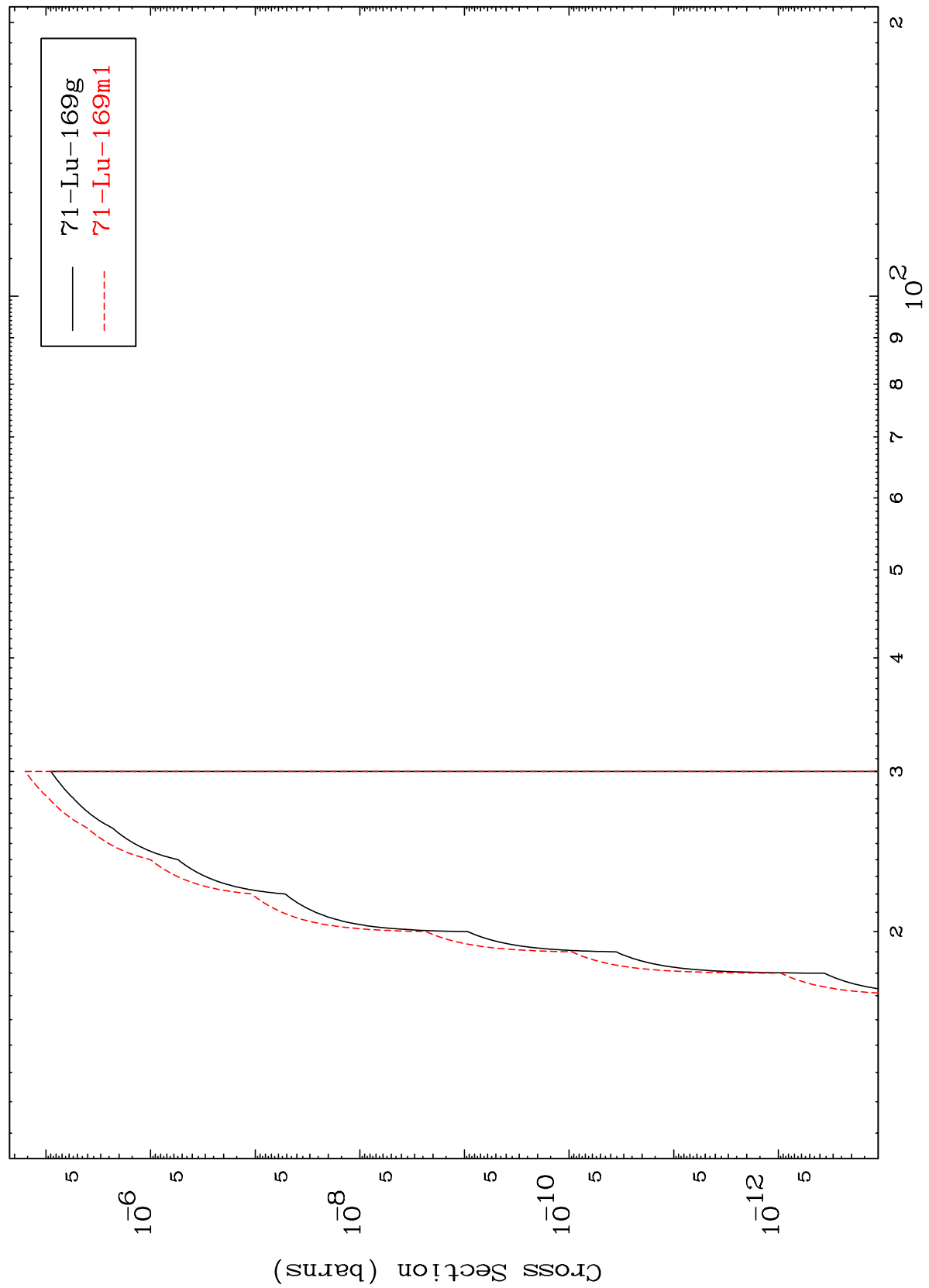
⁷¹Lu-167m



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⁷¹Lu-167m

(n,2p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷¹Lu-167m