

Program EVALPLOT
(Version 2018-1)

by

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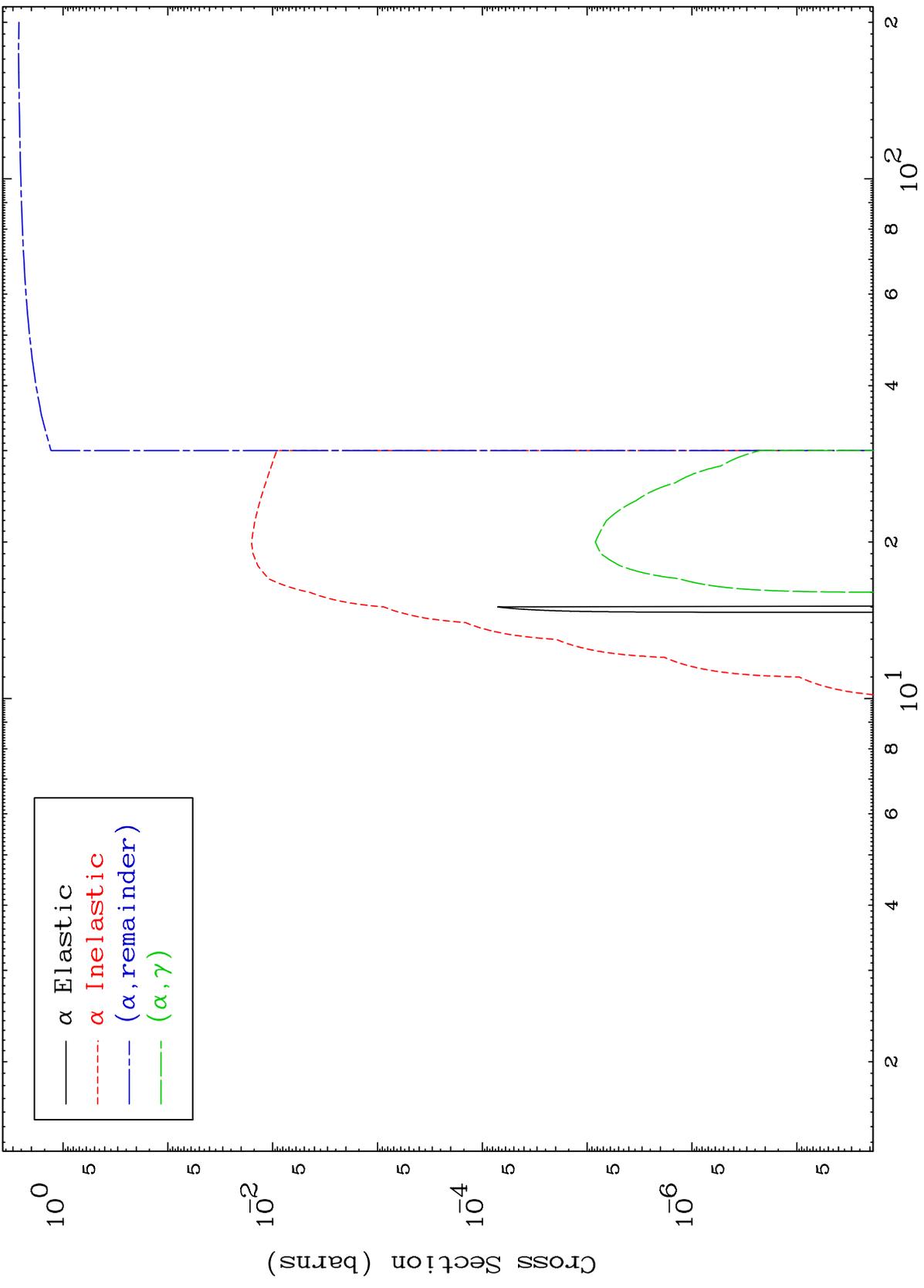
Press Mouse Button to Start

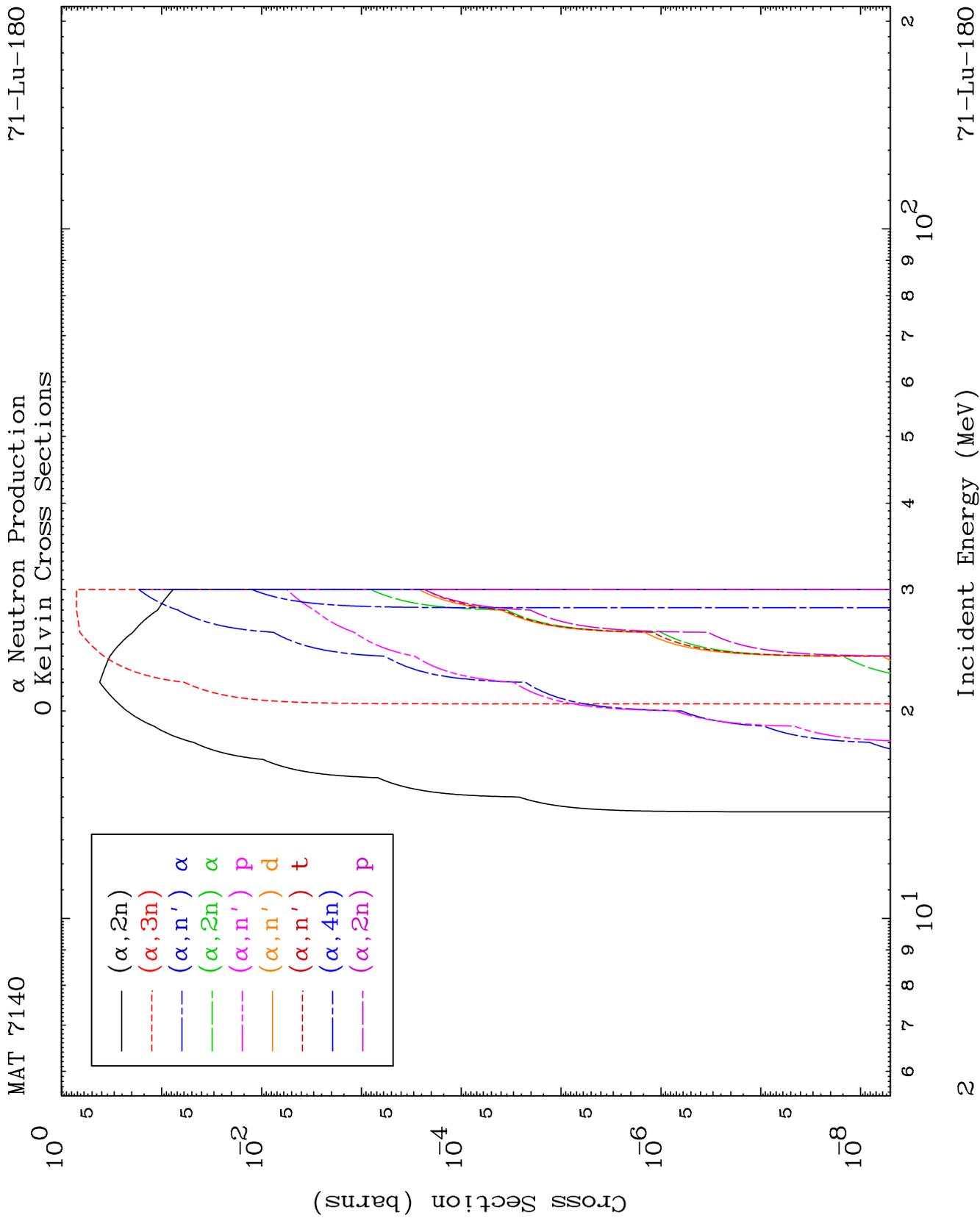
MAT 7140

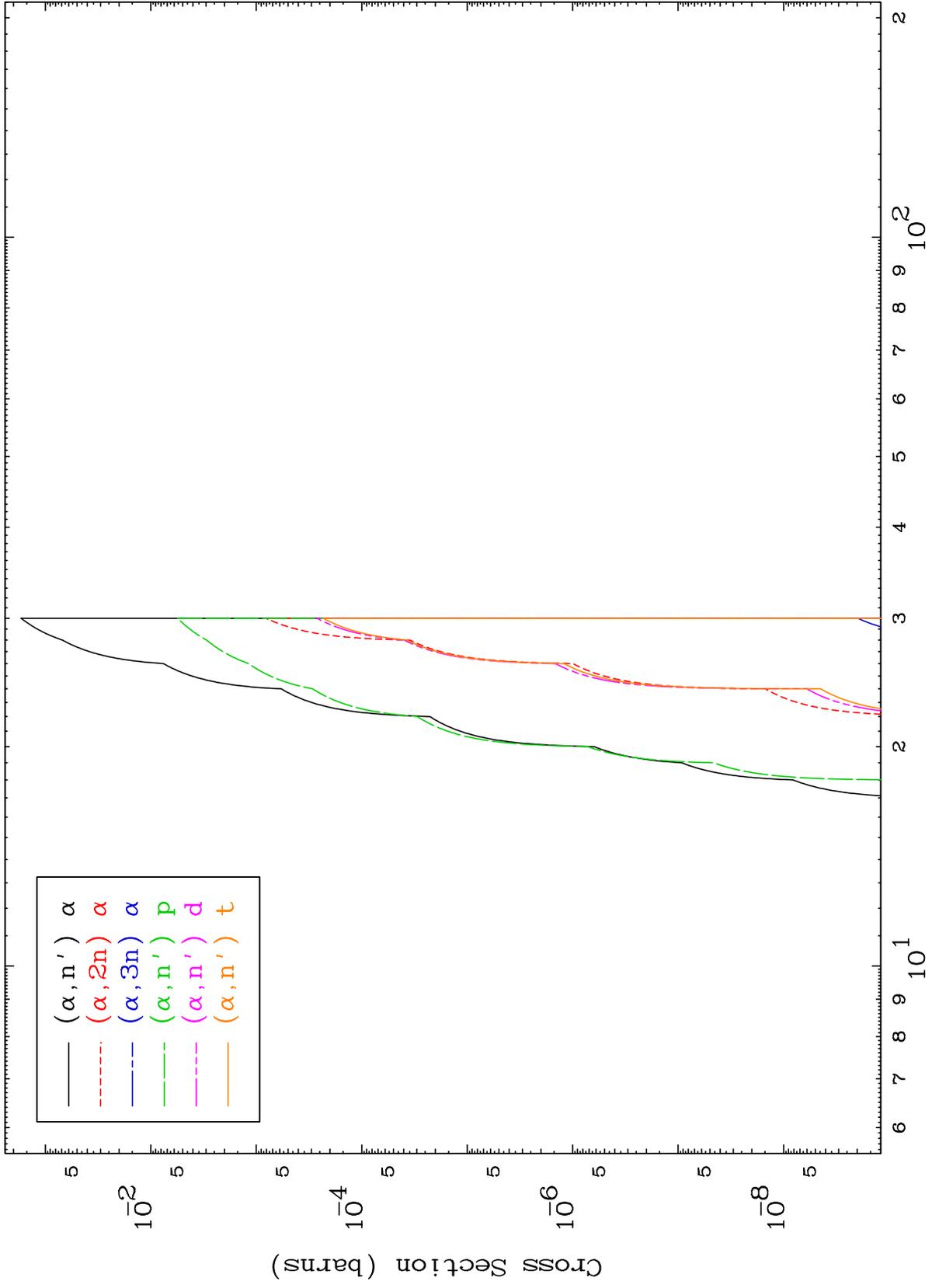
α Major

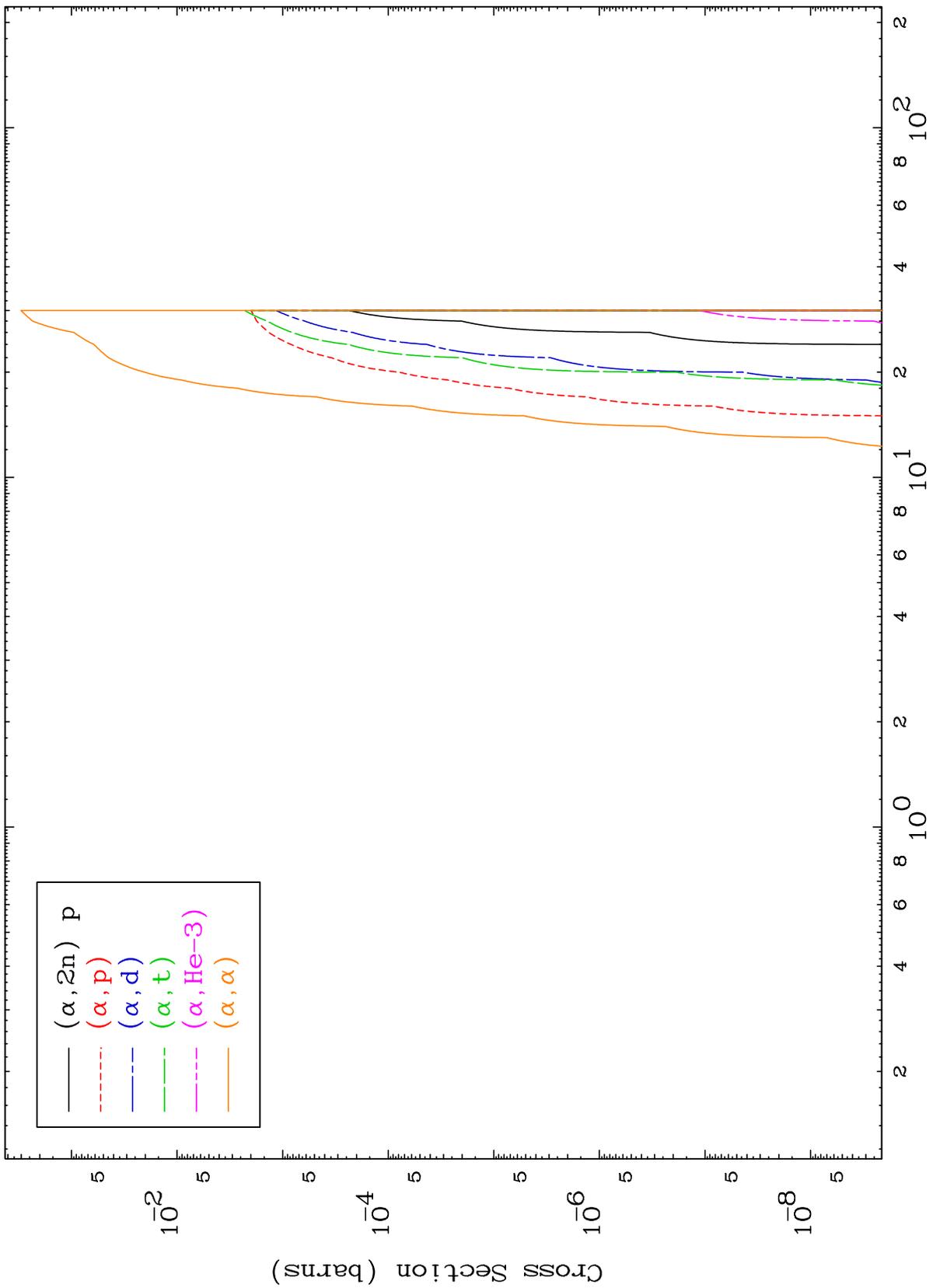
71-Lu-180

0 Kelvin Cross Sections







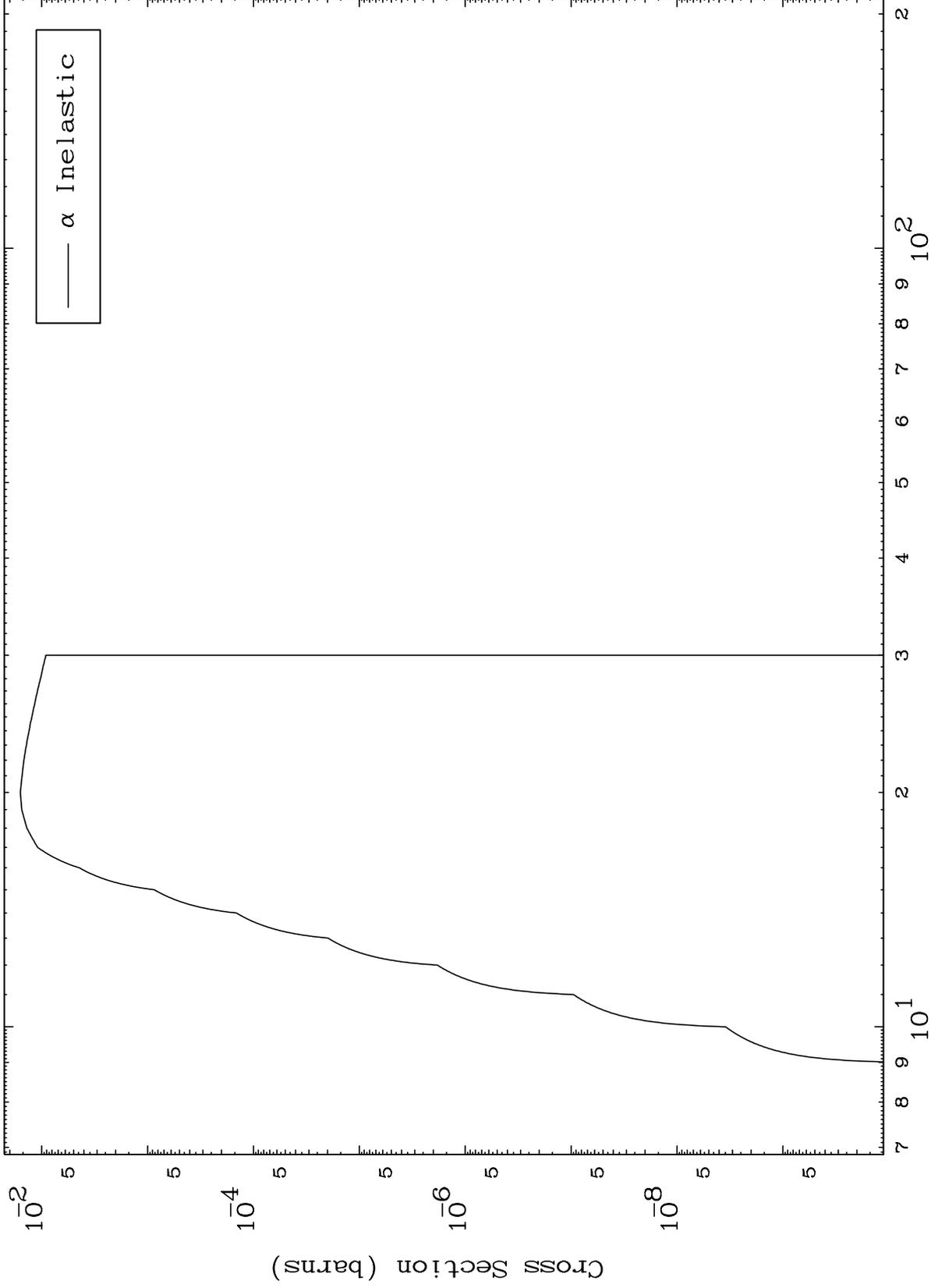


MAT 7140

(α, n') Level

71-Lu-180

0 Kelvin Cross Sections



Incident Energy (MeV)

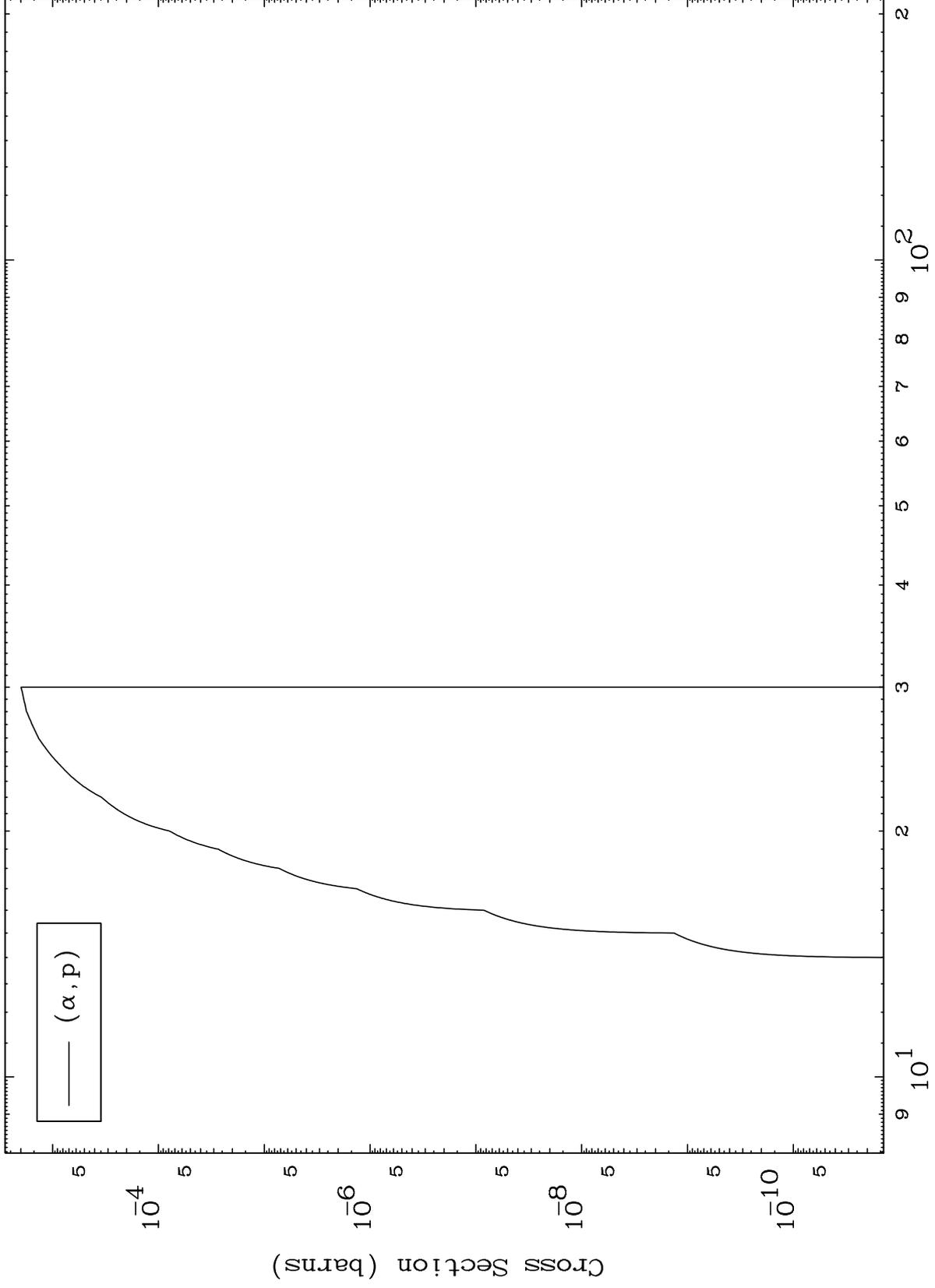
71-Lu-180

5

MAT 7140

(α, p) Levels
0 Kelvin Cross Sections

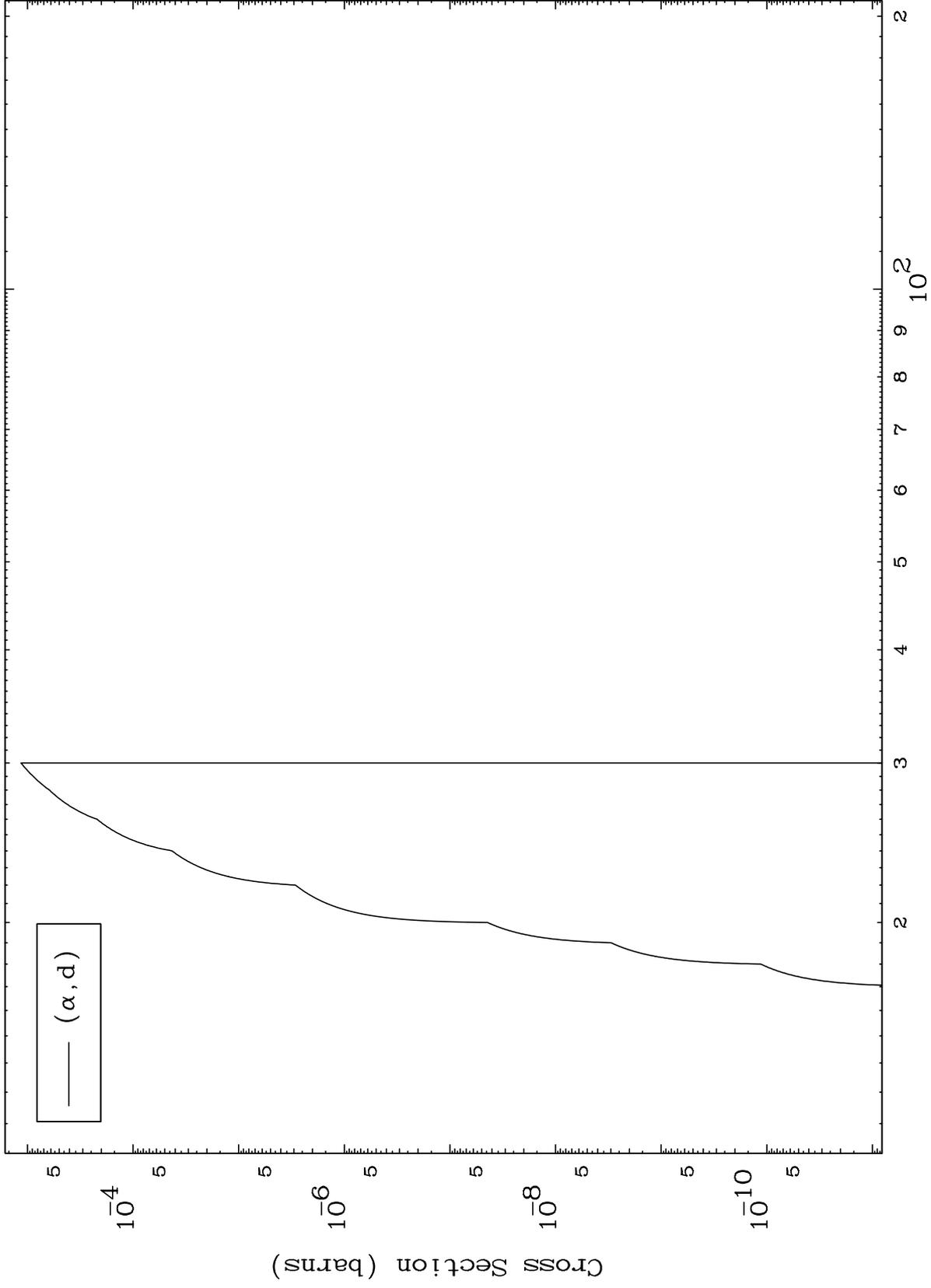
71-Lu-180

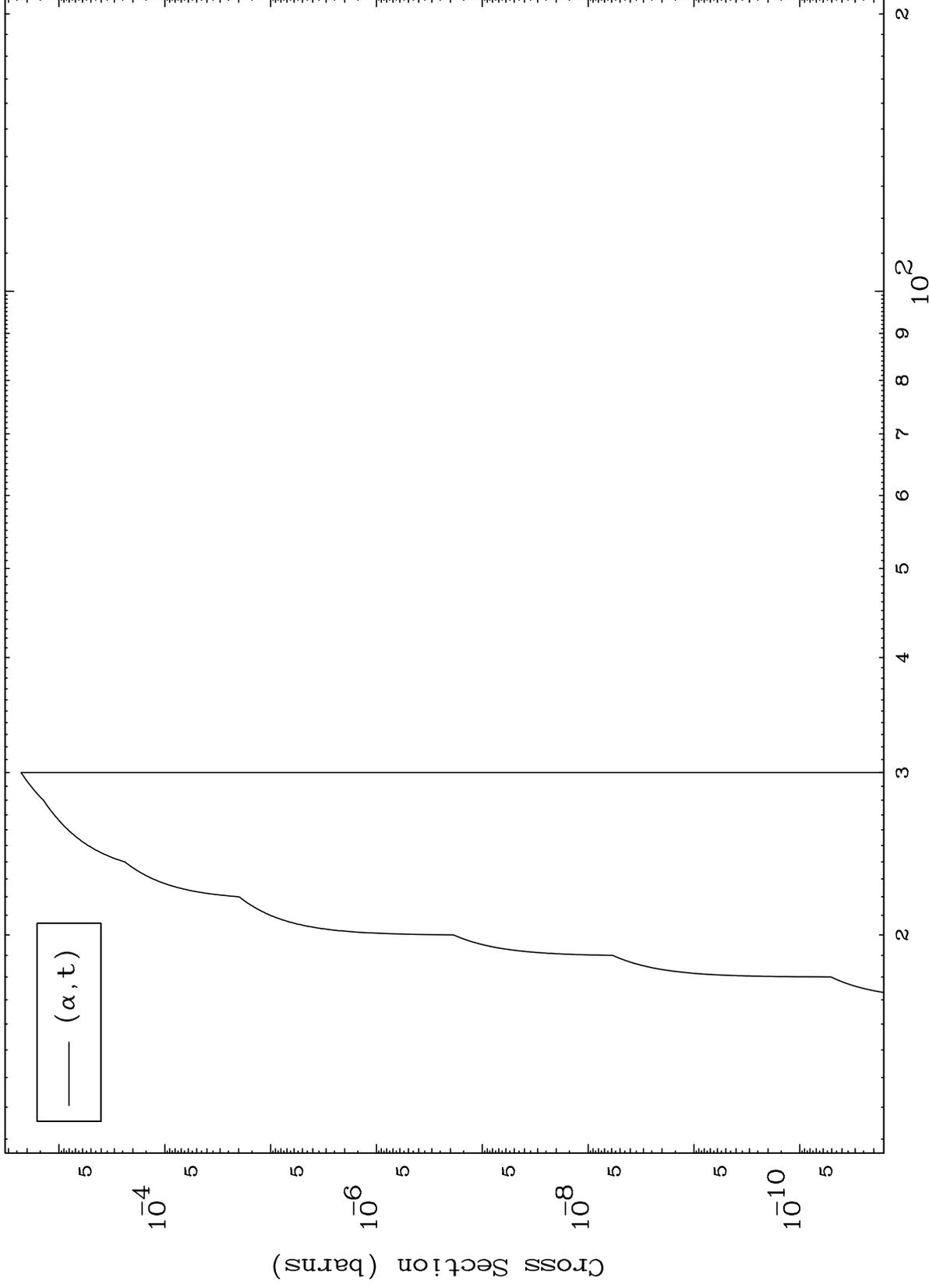


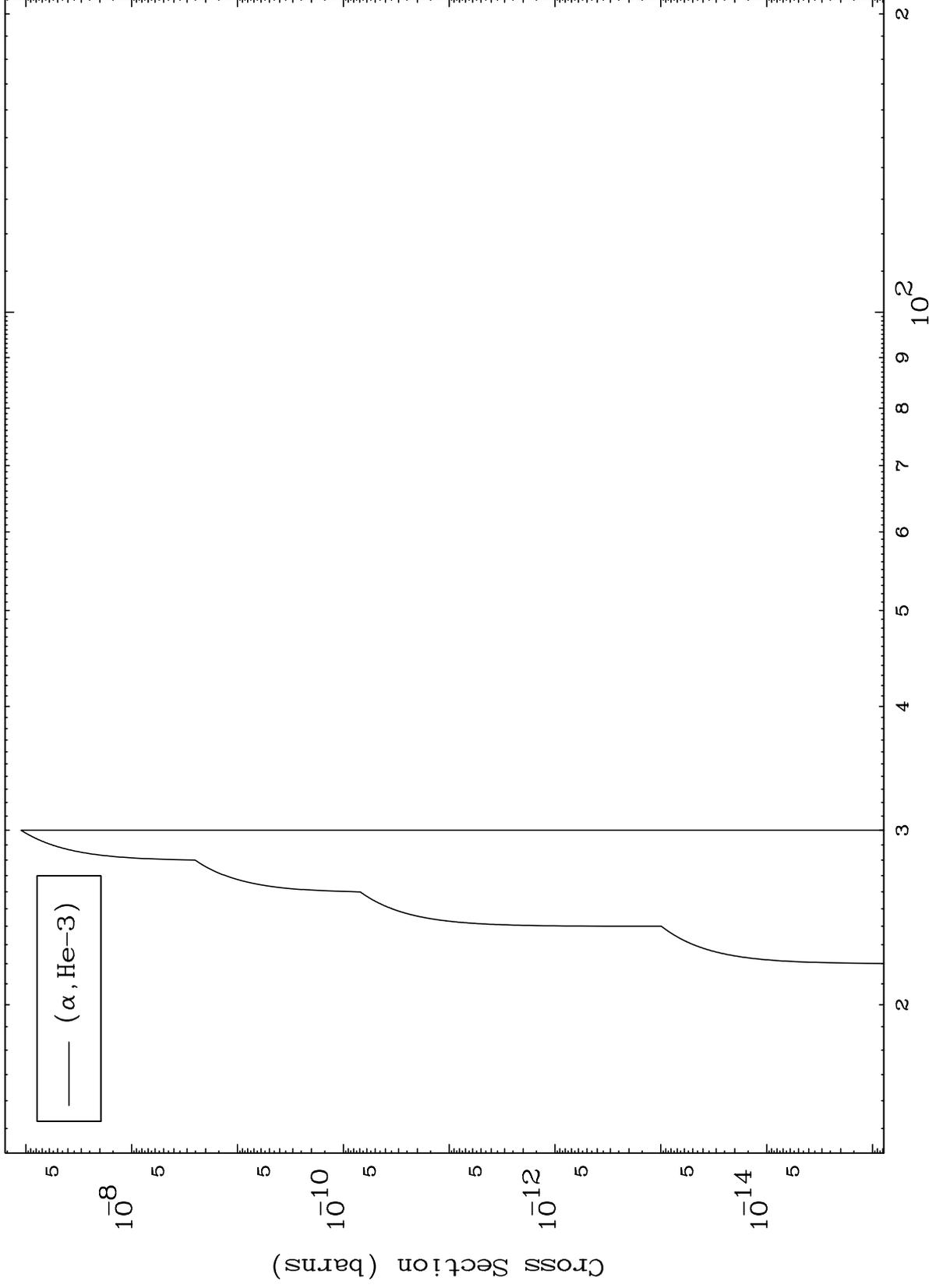
6

Incident Energy (MeV)

71-Lu-180





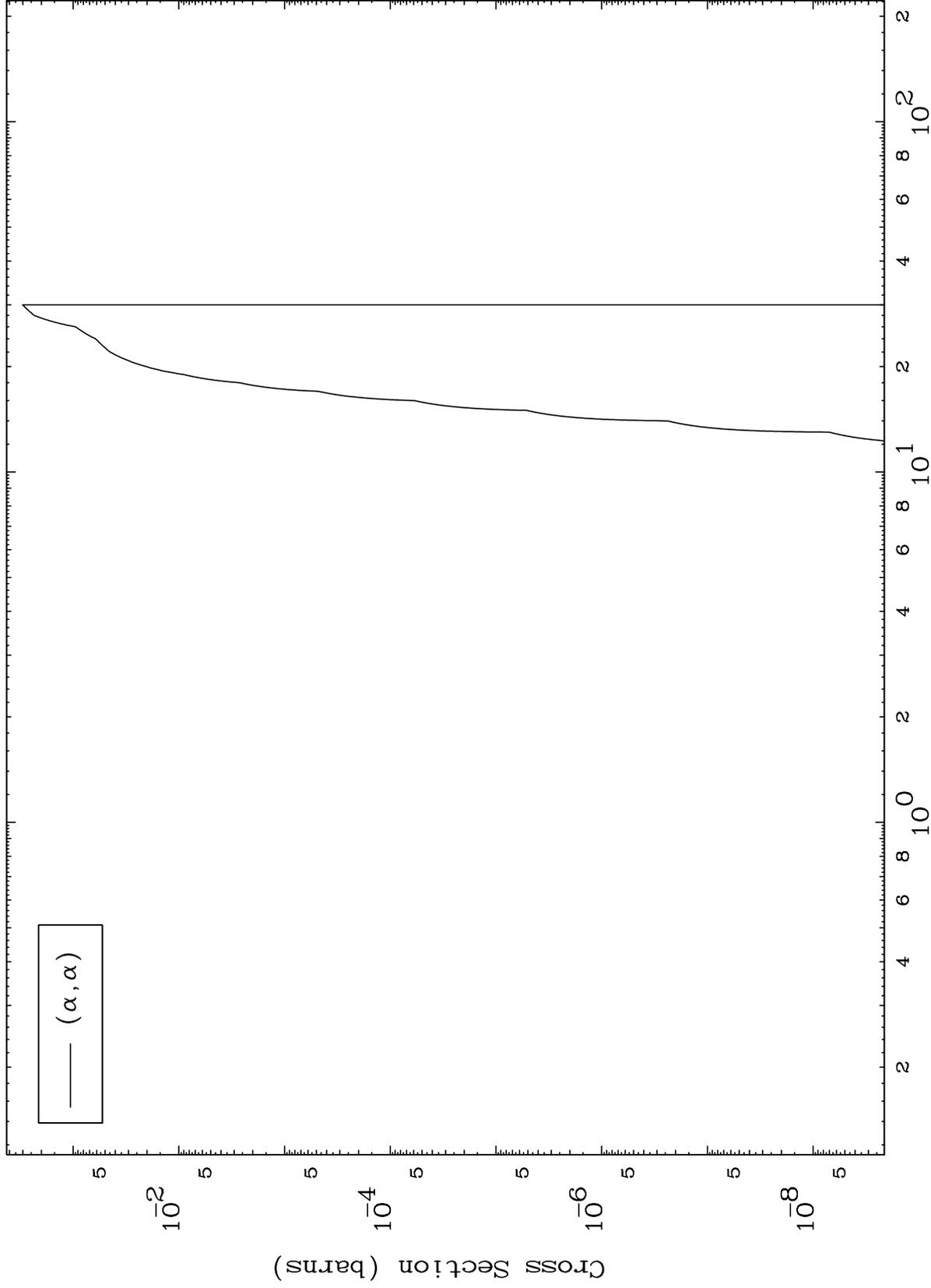


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(α, α) Levels

71-Lu-180

0 Kelvin Cross Sections

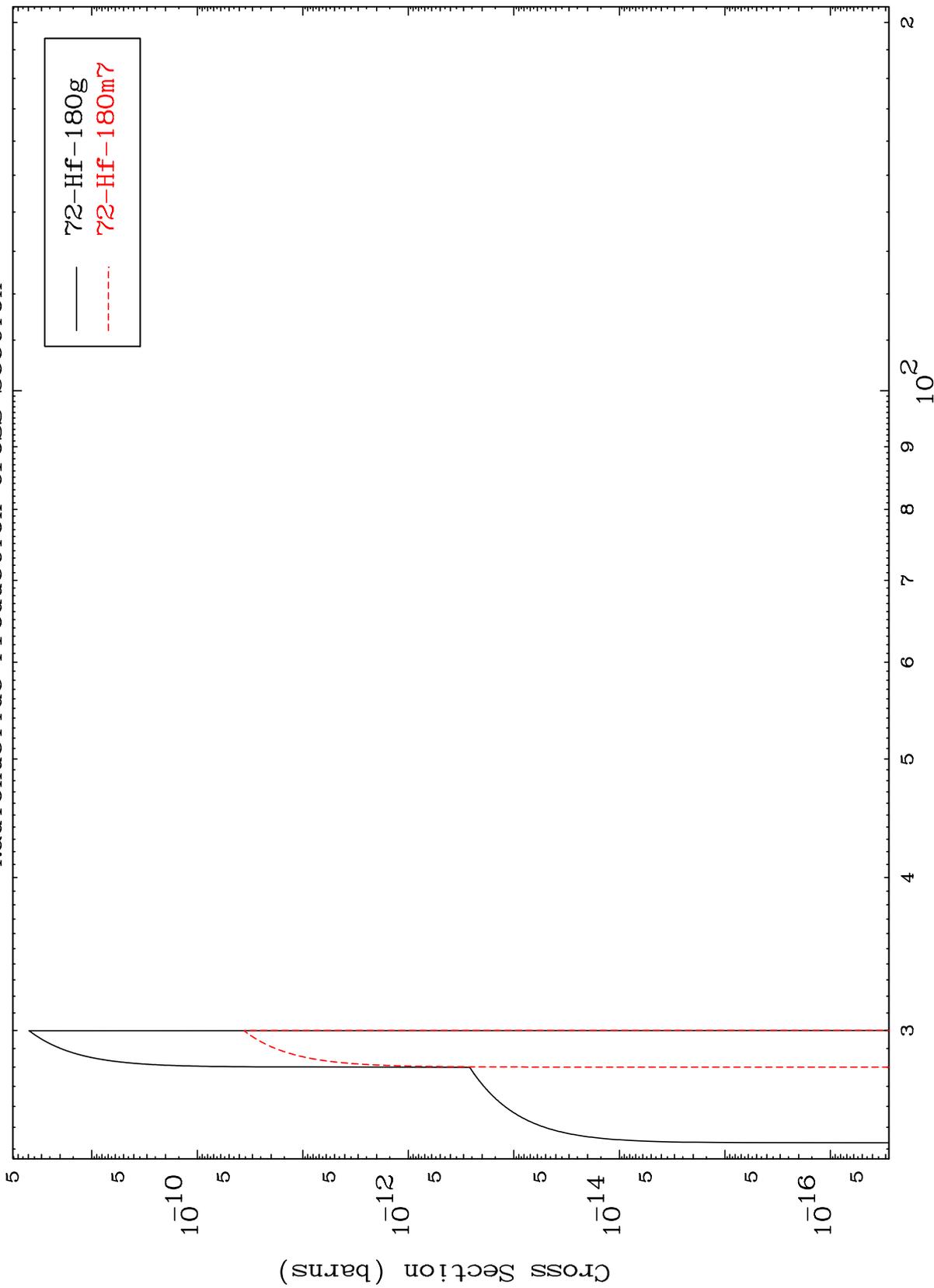


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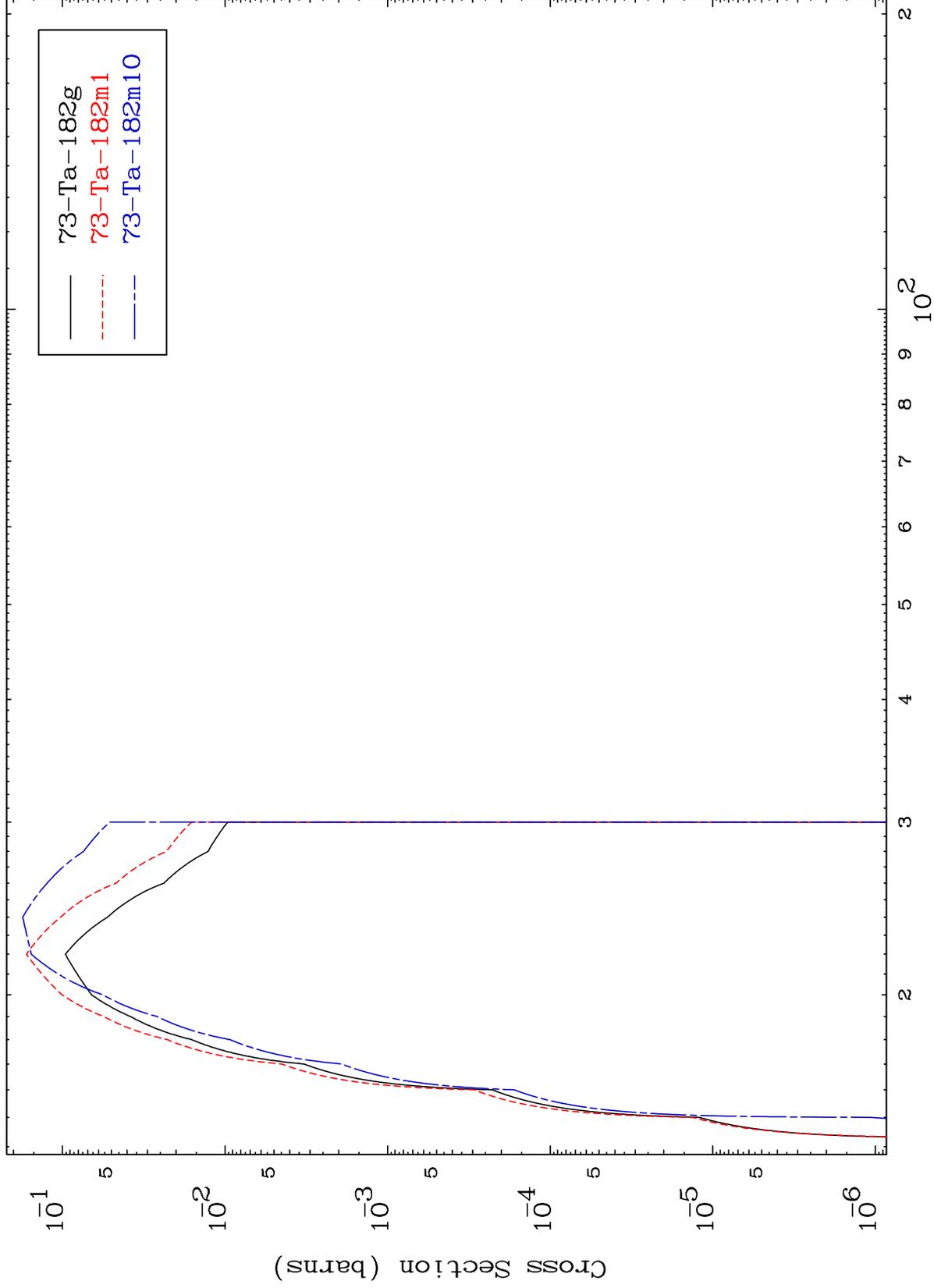
Incident Energy (MeV)

71-Lu-180

Radionuclide Production Cross Section



Radionuclide Production Cross Section

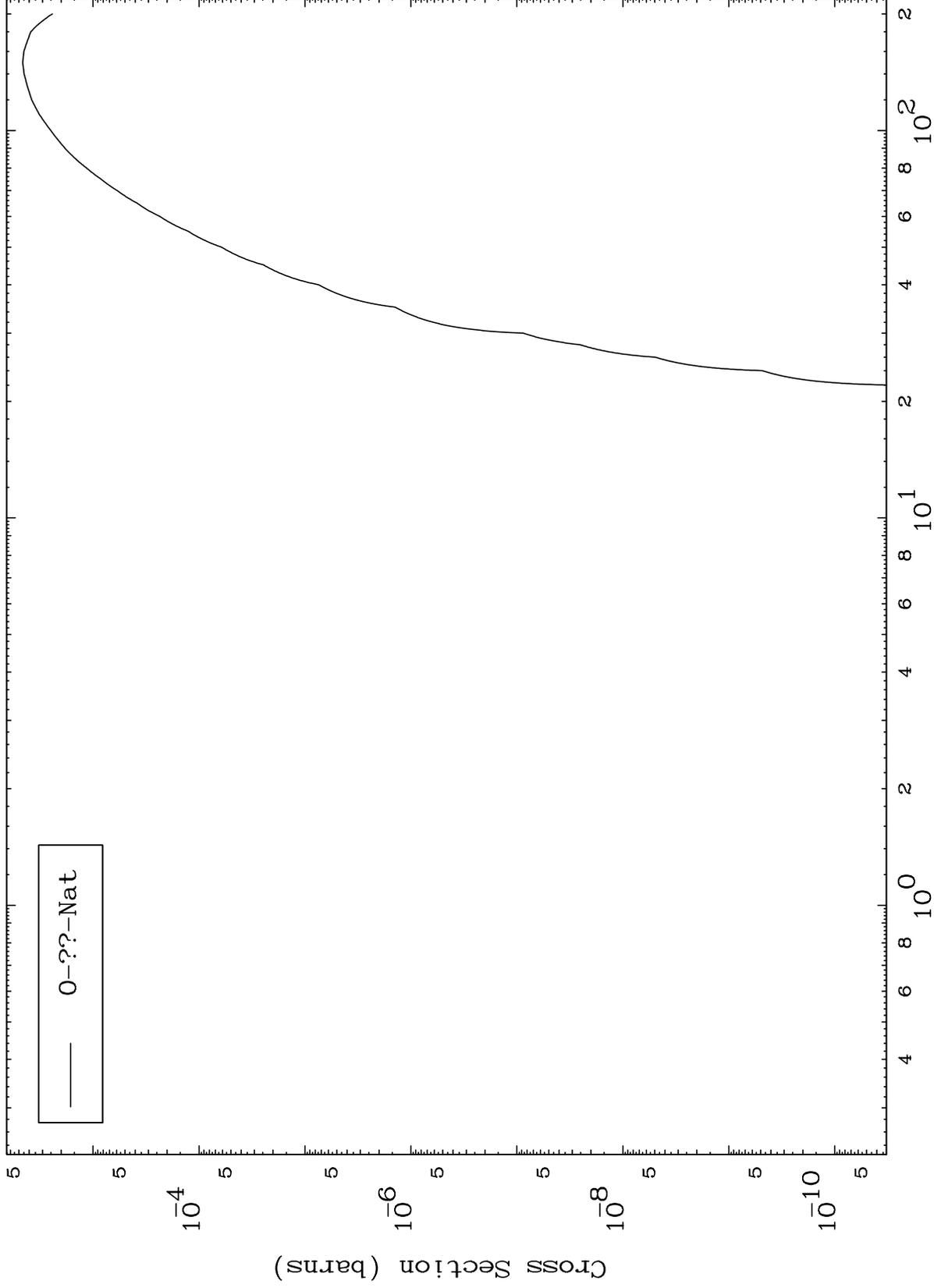


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α Fission

⁷¹Lu-180

Radionuclide Production Cross Section



13

Incident Energy (MeV)

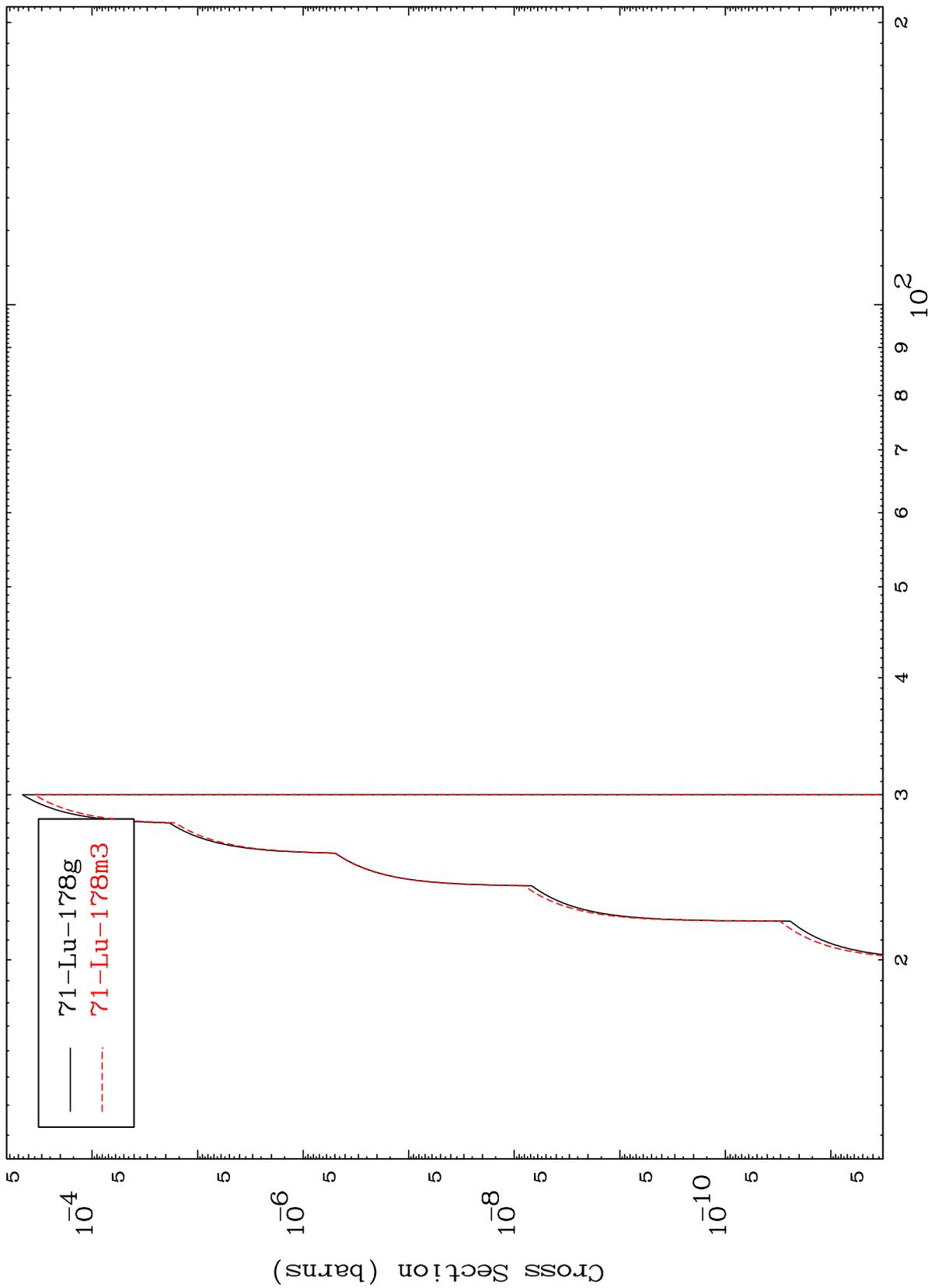
⁷¹Lu-180

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$(\alpha, 2n)$ α

$^{71}\text{Lu-180}$

Radionuclide Production Cross Section

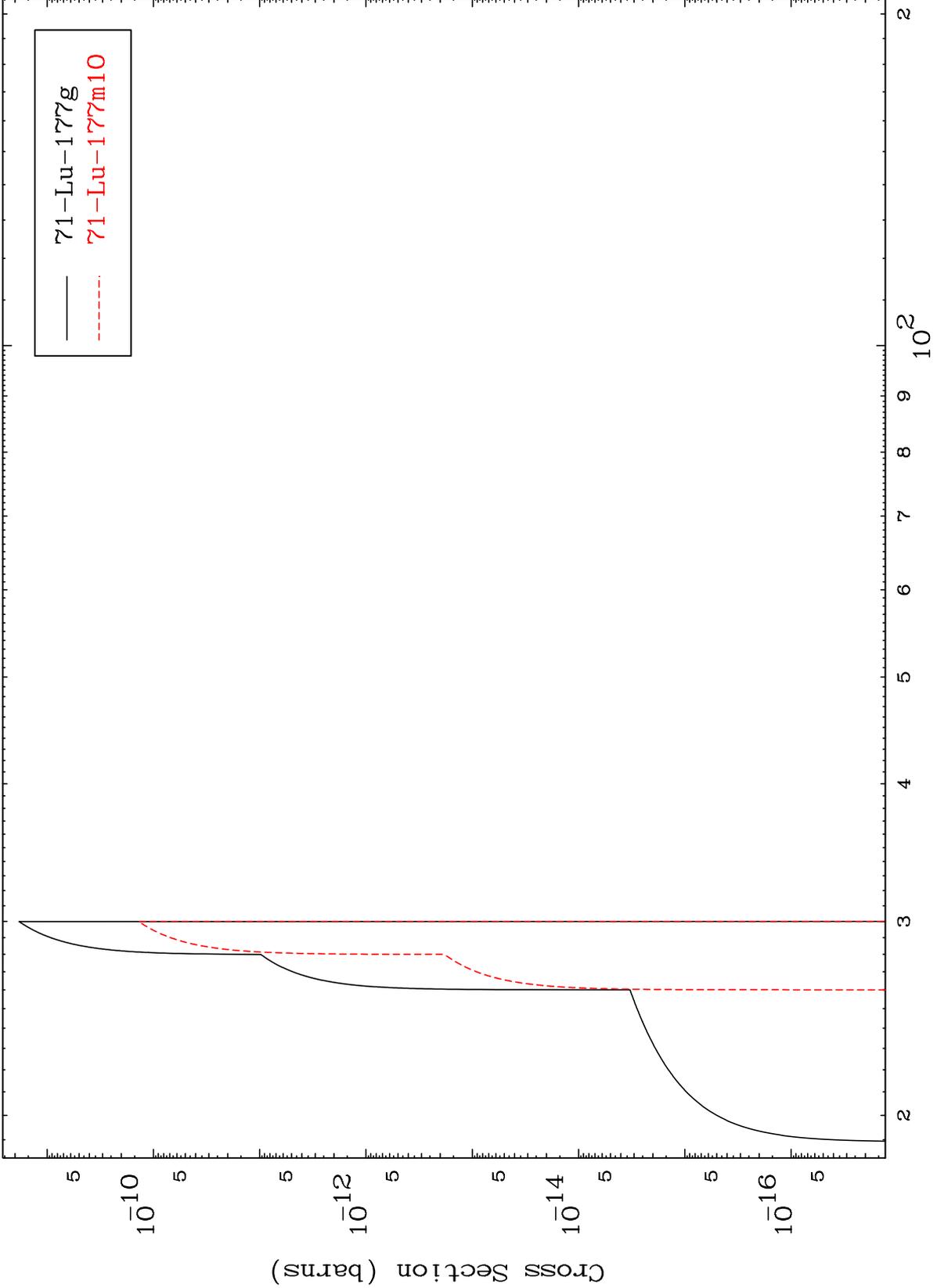


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$(\alpha, 3n) \alpha$

71-Lu-180

Radionuclide Production Cross Section



15

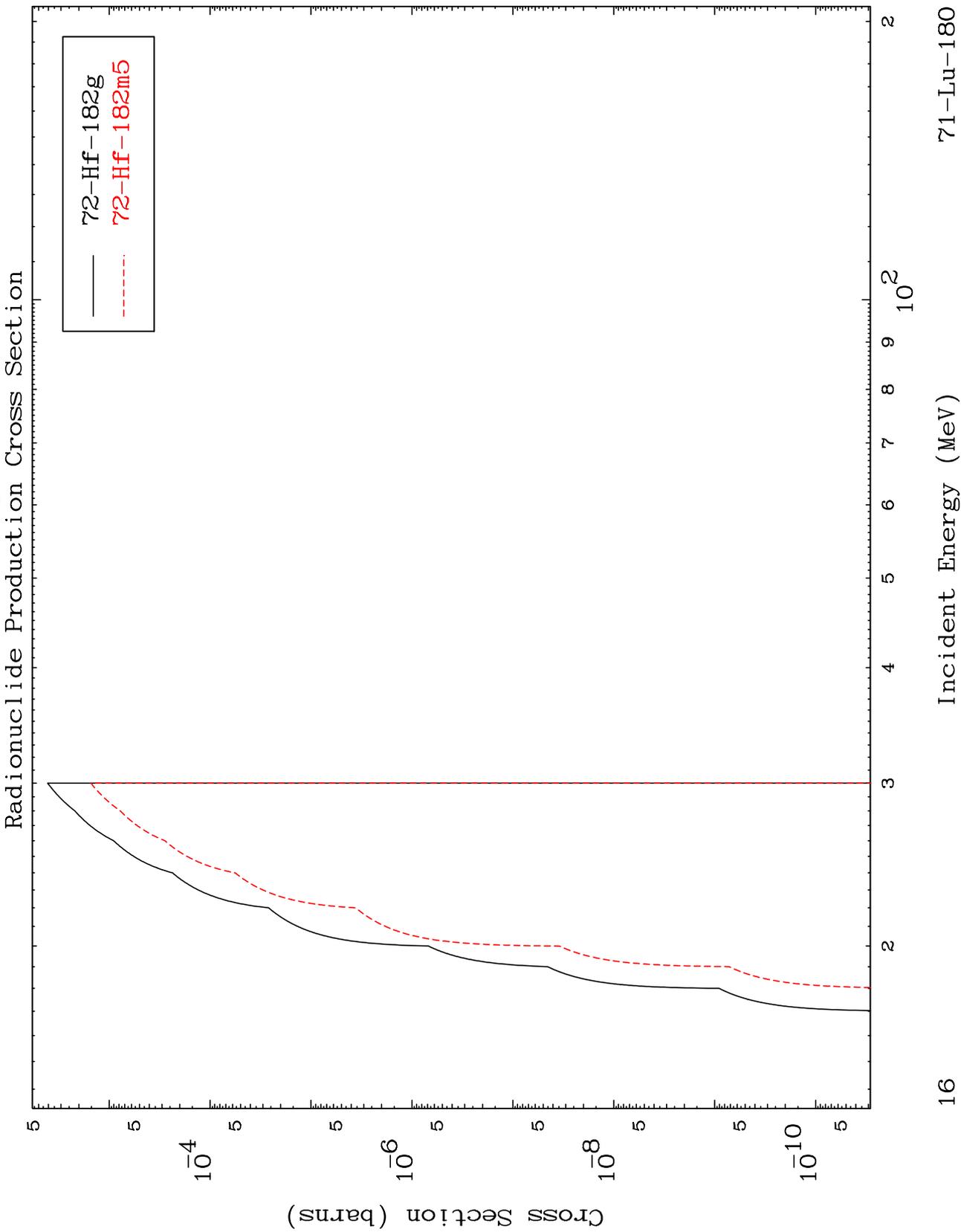
Incident Energy (MeV)

71-Lu-180

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(α, n') p

71-Lu-180



16

Incident Energy (MeV)

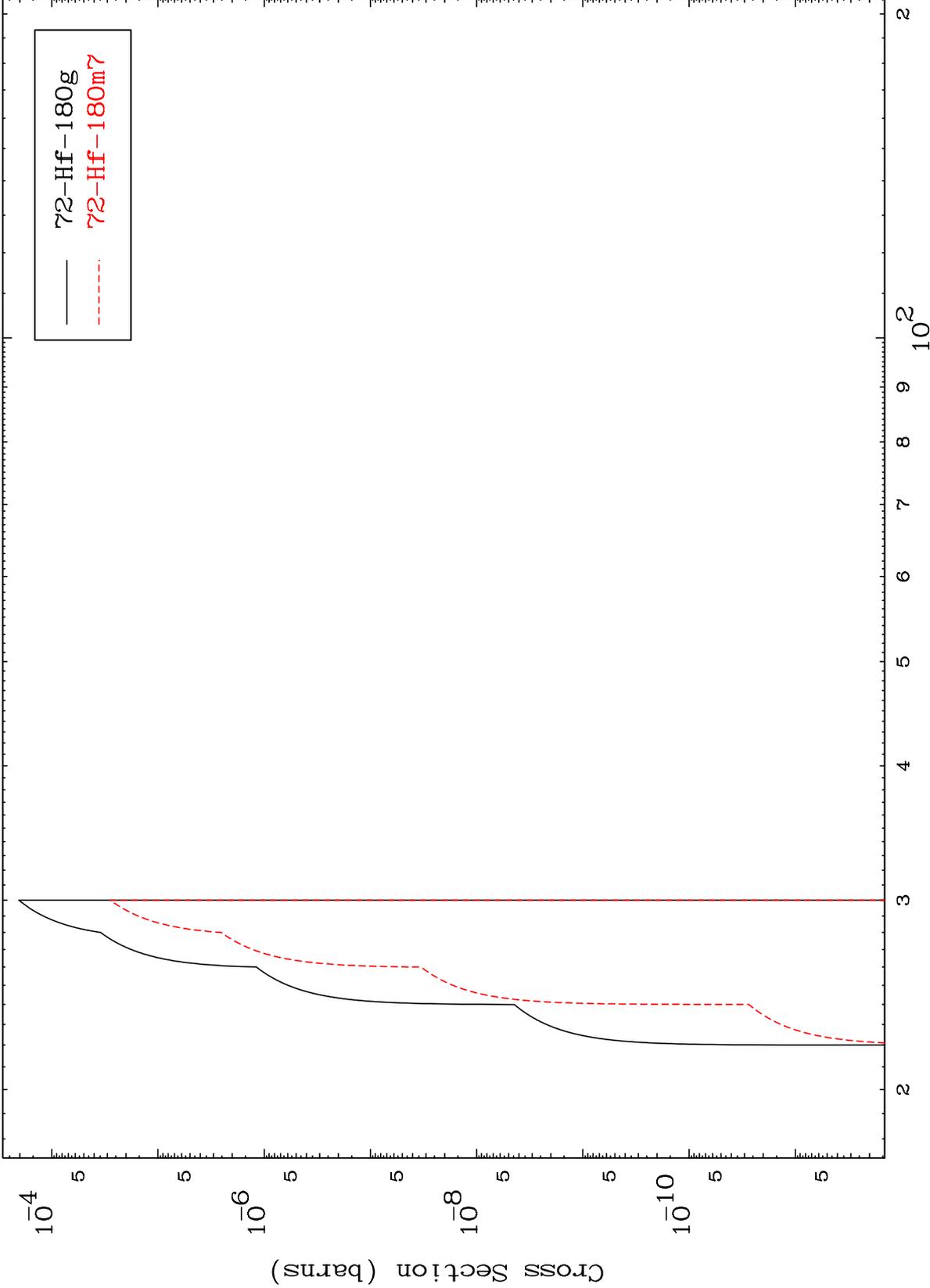
71-Lu-180

MAT 7140

(α, n') t

71-Lu-180

Radionuclide Production Cross Section



17

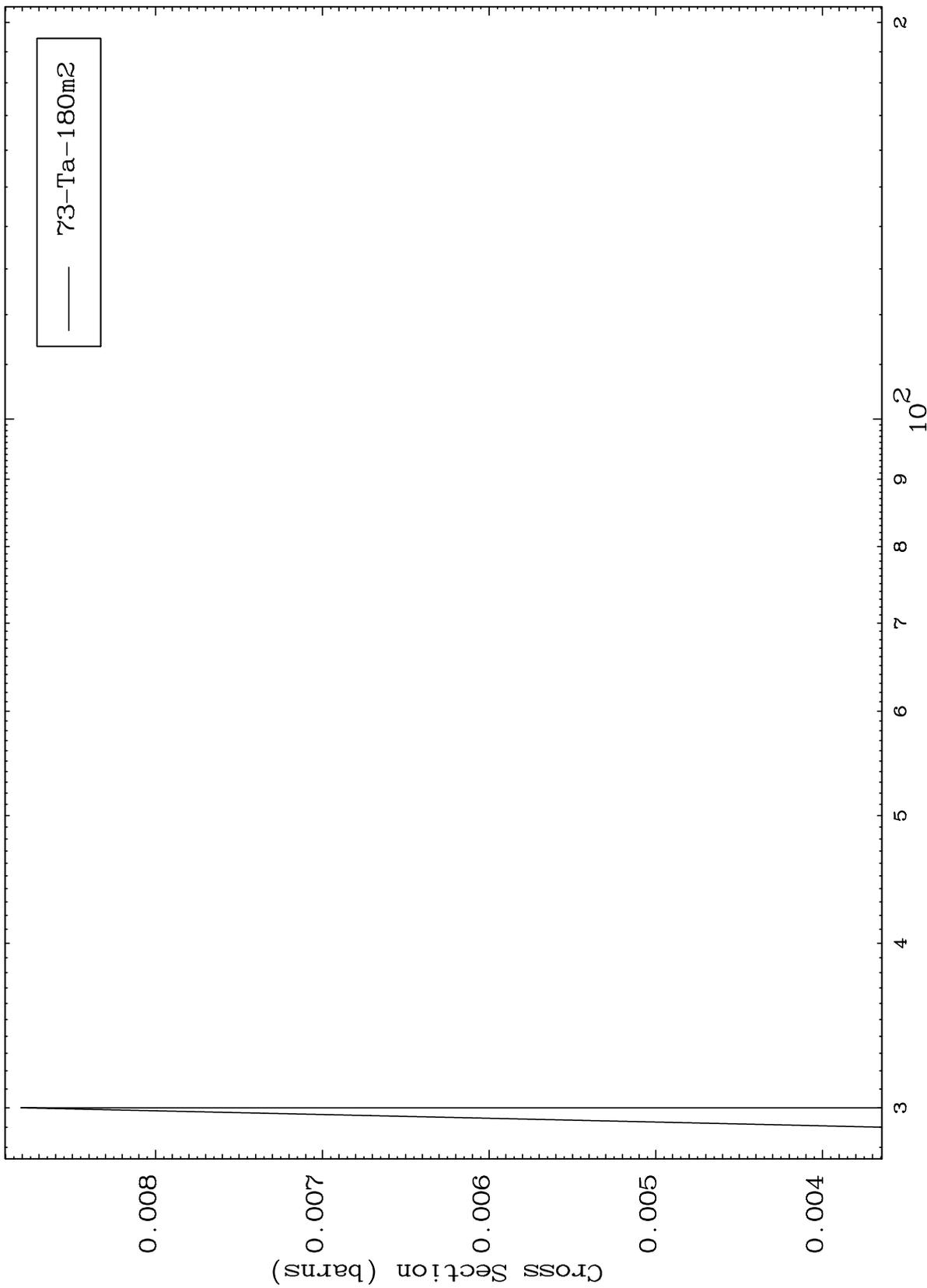
Incident Energy (MeV)

71-Lu-180

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71-Lu-180

$(\alpha, 4n)$
Radionuclide Production Cross Section



18

71-Lu-180

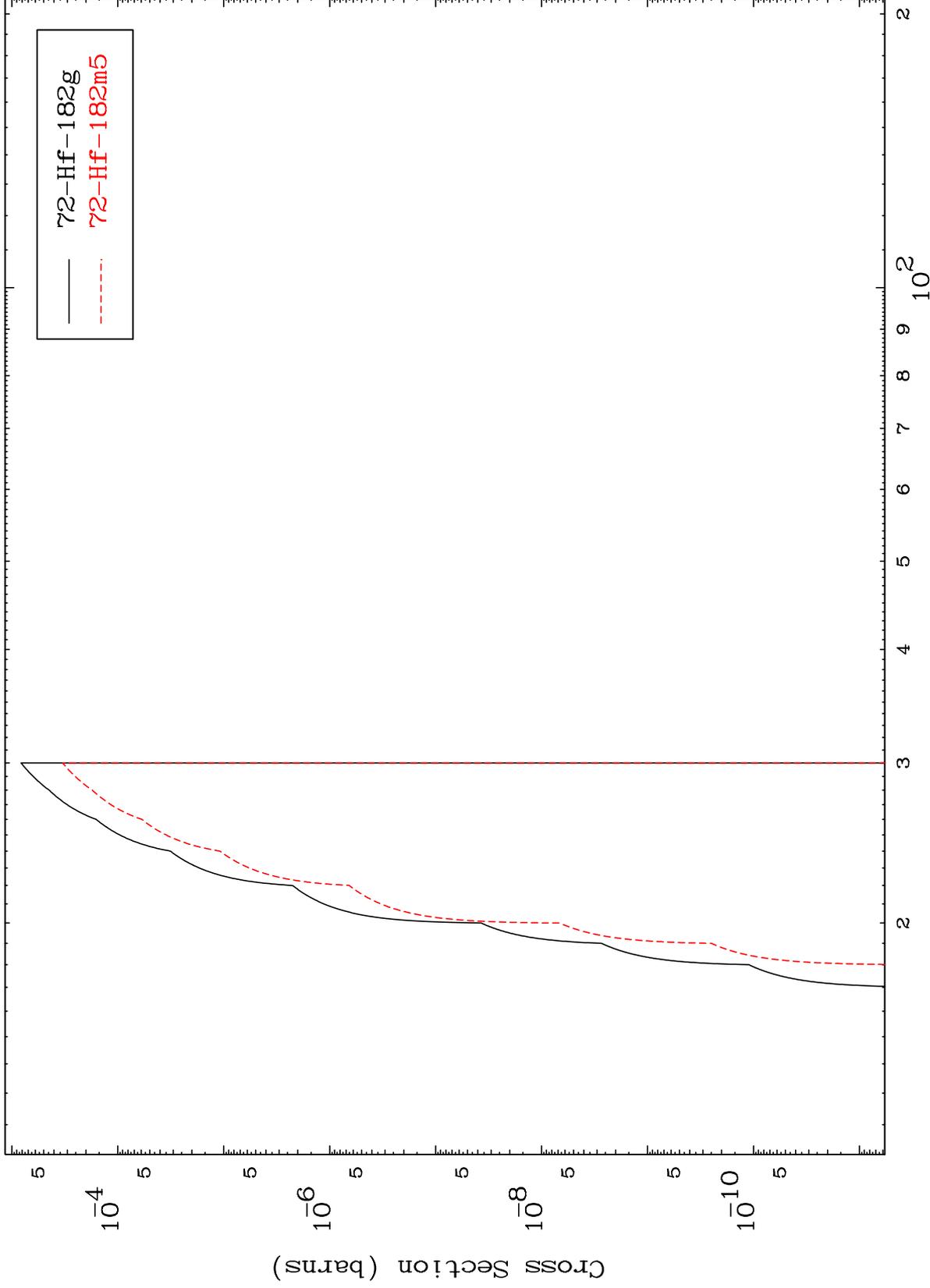
Incident Energy (MeV)

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(α, d)

71-Lu-180

Radionuclide Production Cross Section



19

Incident Energy (MeV)

71-Lu-180