

Program EVALPLOT
(Version 2021-1)

by

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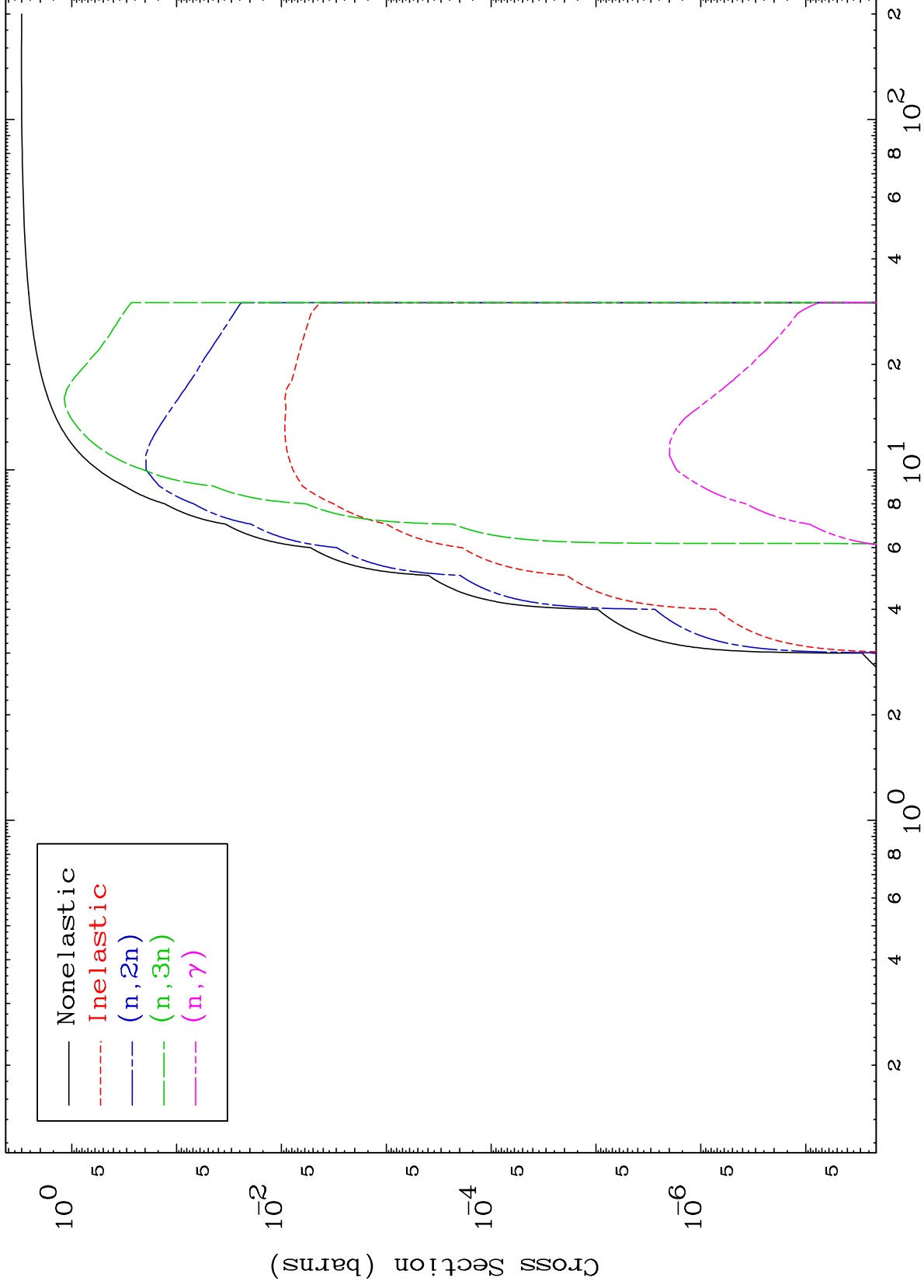
Press Mouse Button to Start

MAT 7143

Deuteron Major

⁷¹Lu-181

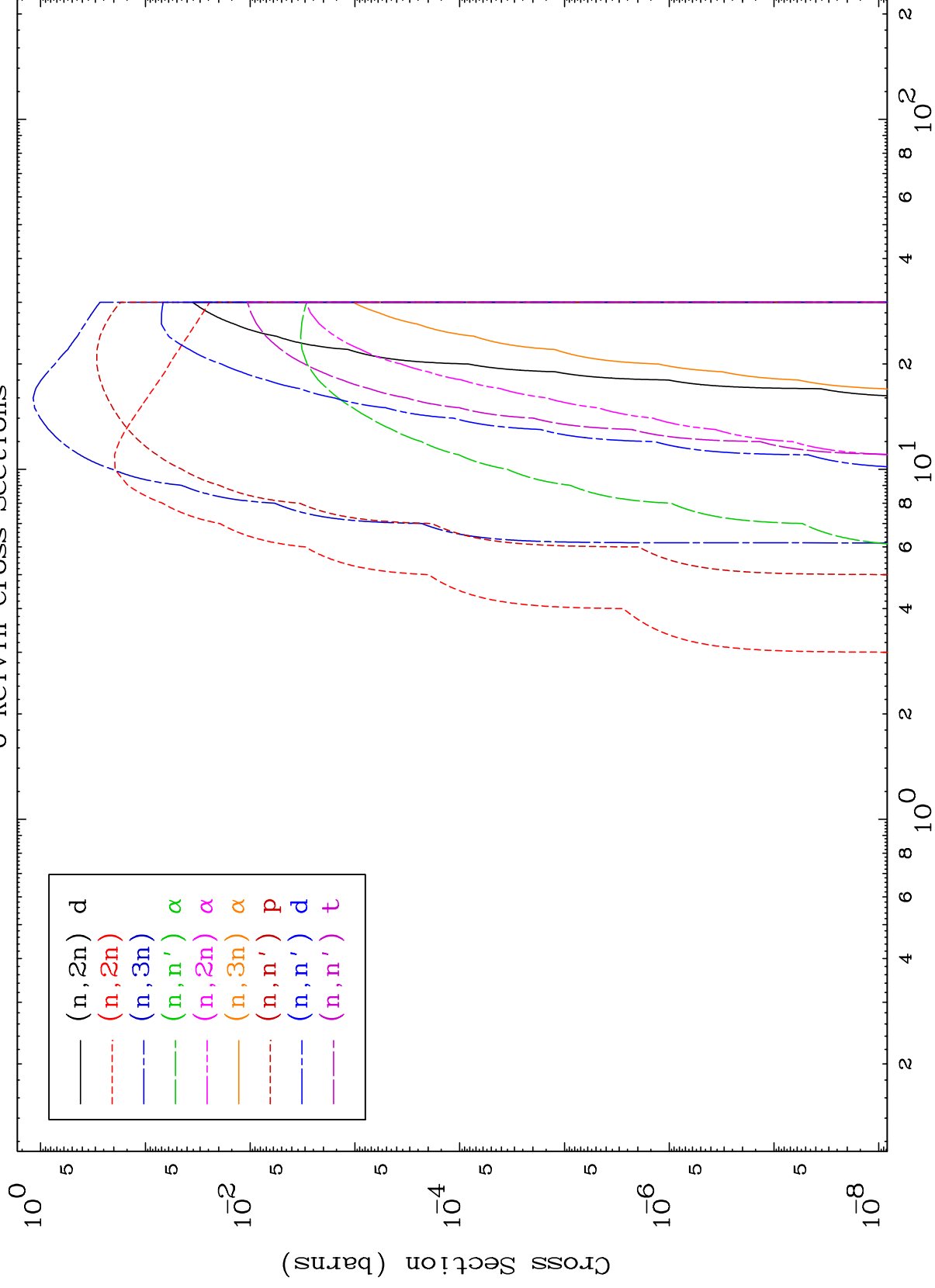
0 Kelvin Cross Sections

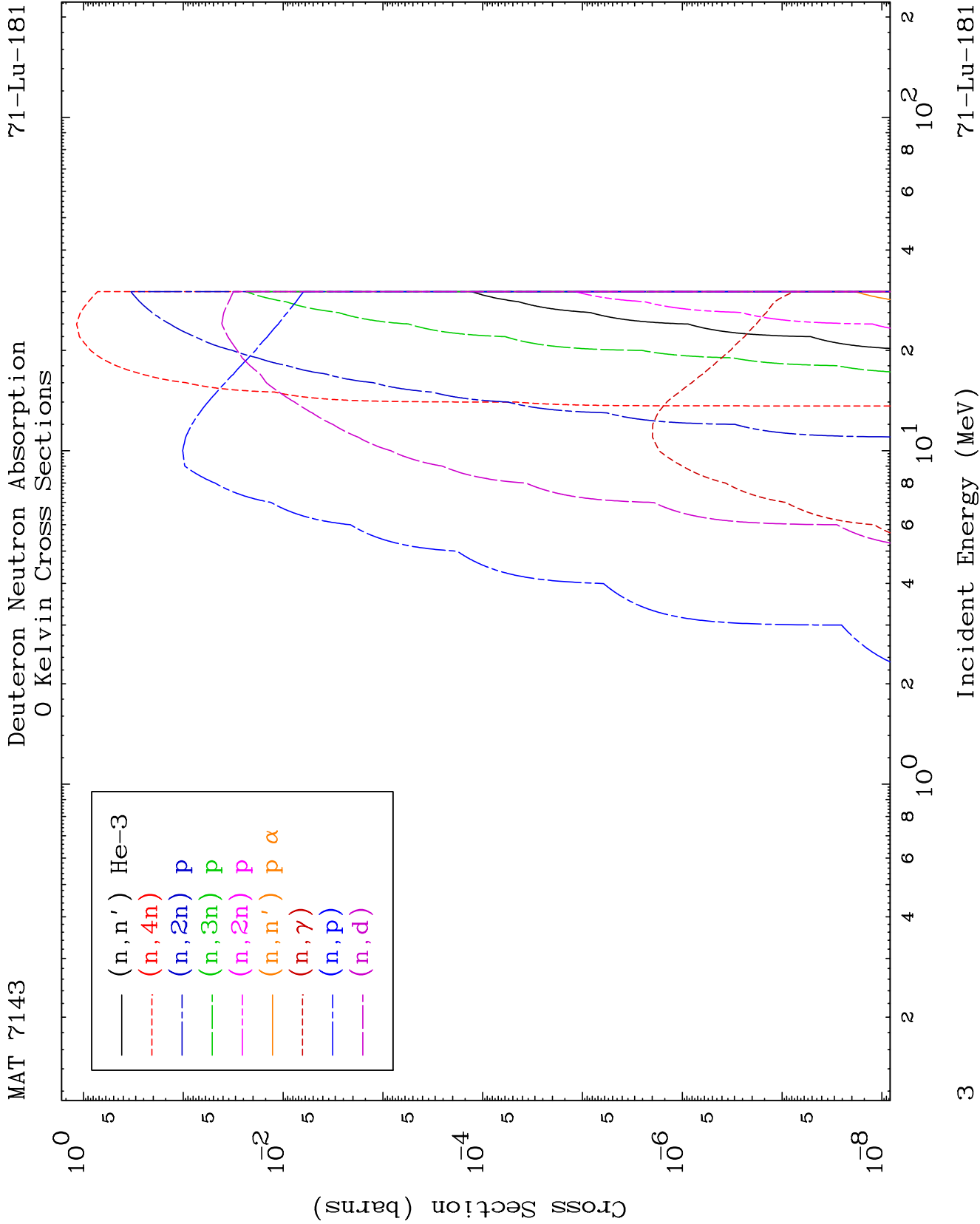


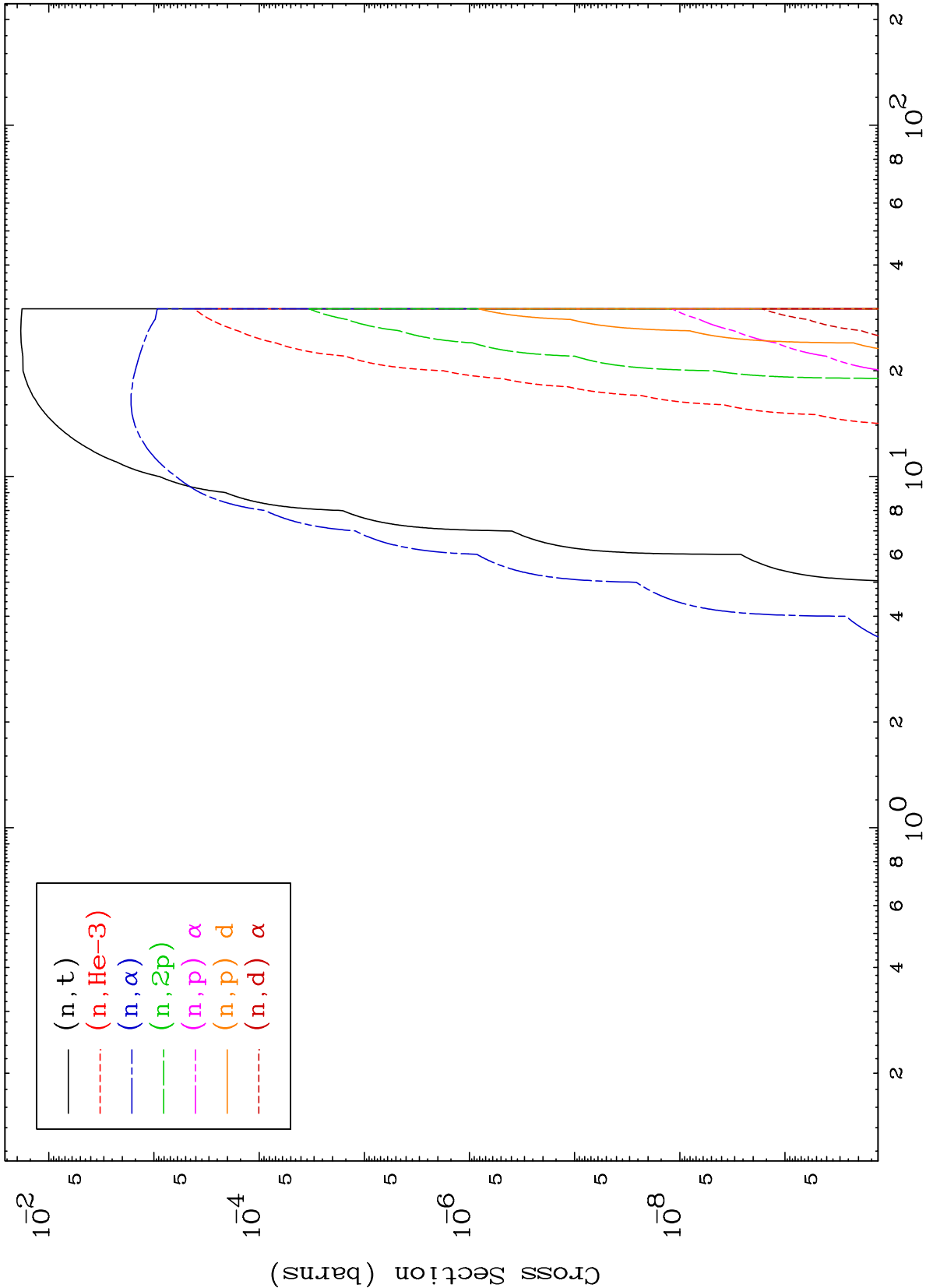
1

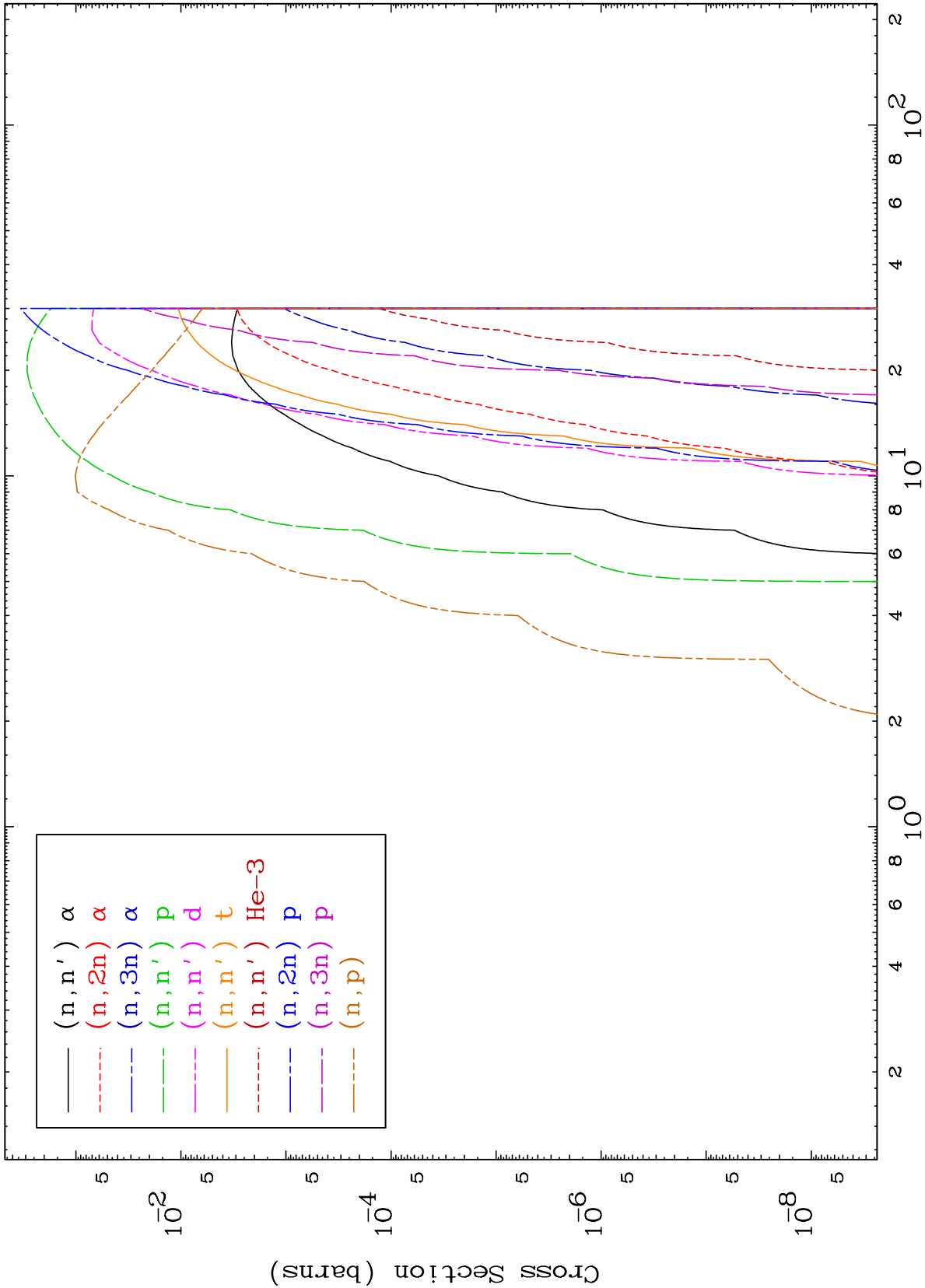
Incident Energy (MeV)

⁷¹Lu-181





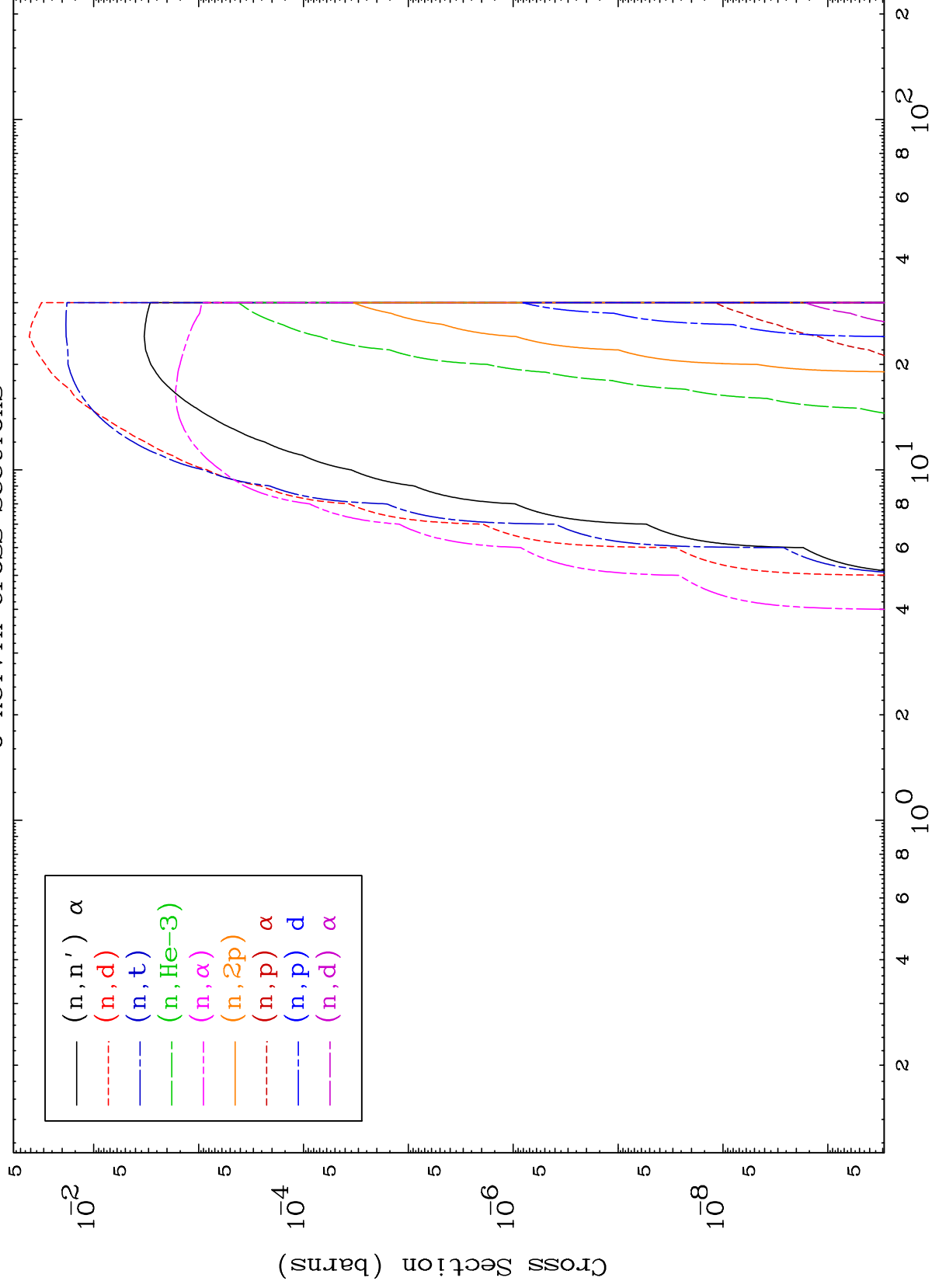




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Deuteron Charged Particle
0 Kelvin Cross Sections

71-Lu-181



6

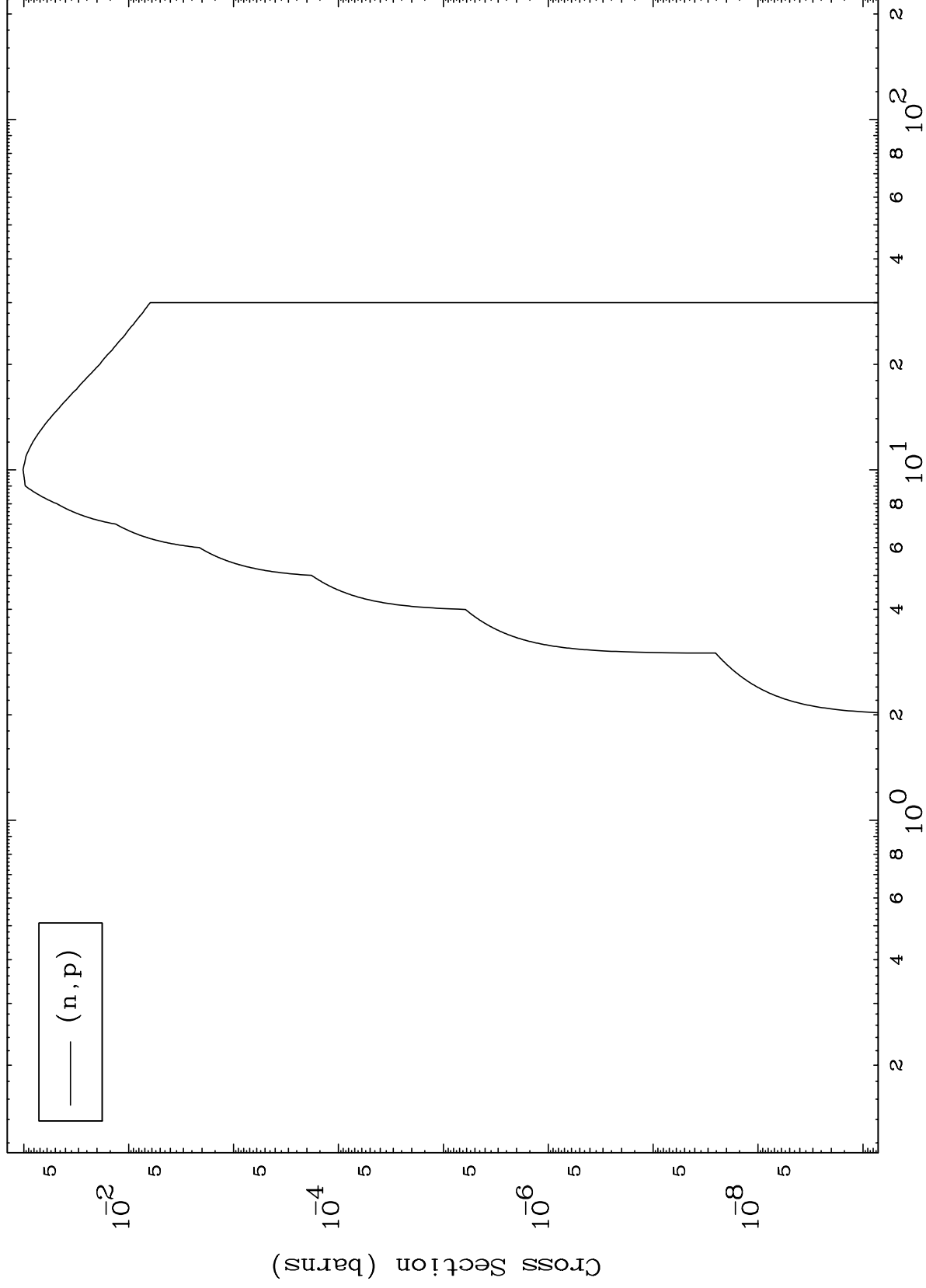
Incident Energy (MeV)

71-Lu-181

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71-Lu-181

(d,p) Levels
0 Kelvin Cross Sections



71-Lu-181

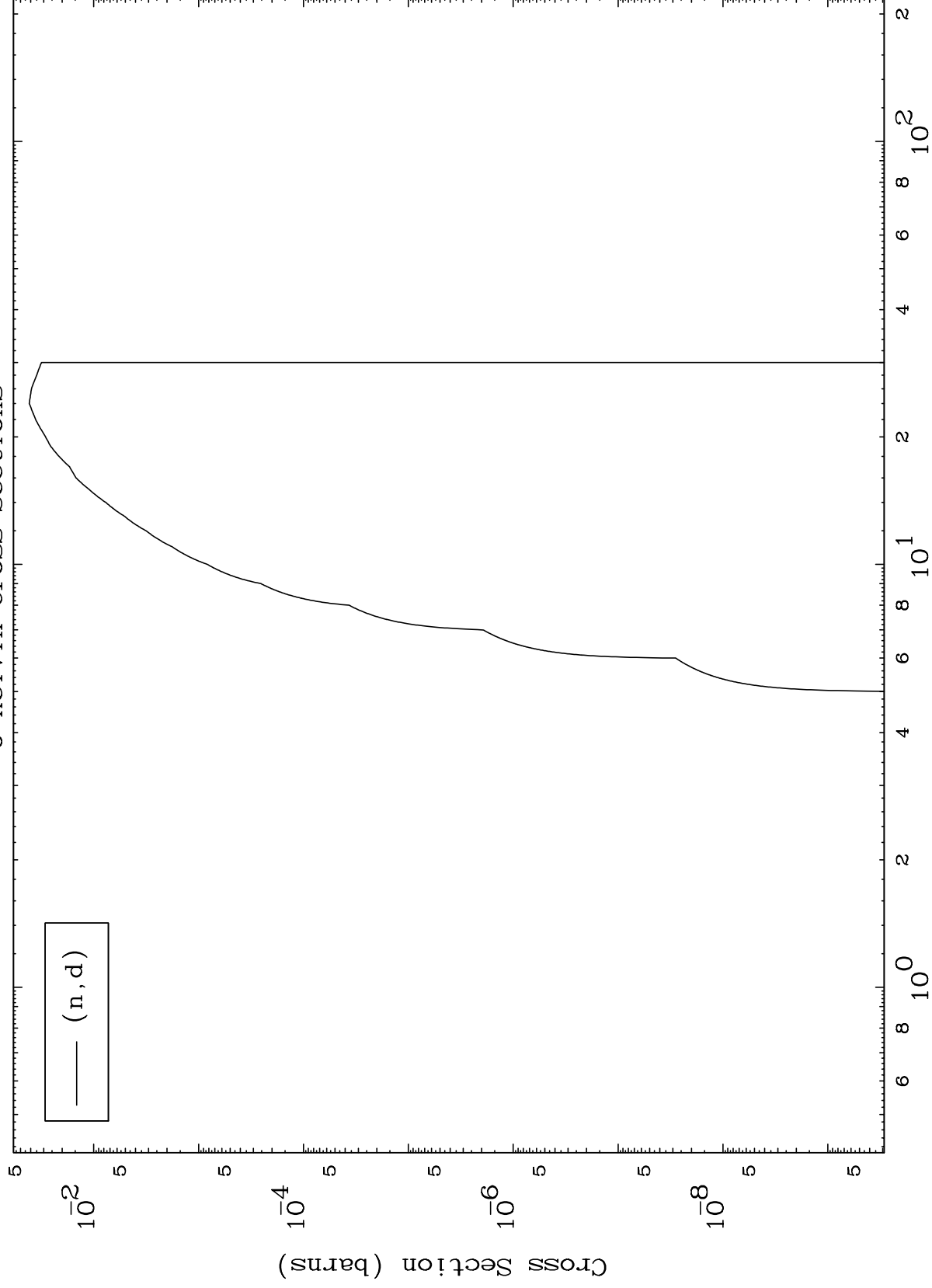
Incident Energy (MeV)

7

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71-Lu-181

(d,d) Levels
0 Kelvin Cross Sections



— (n,d)

71-Lu-181

Incident Energy (MeV)

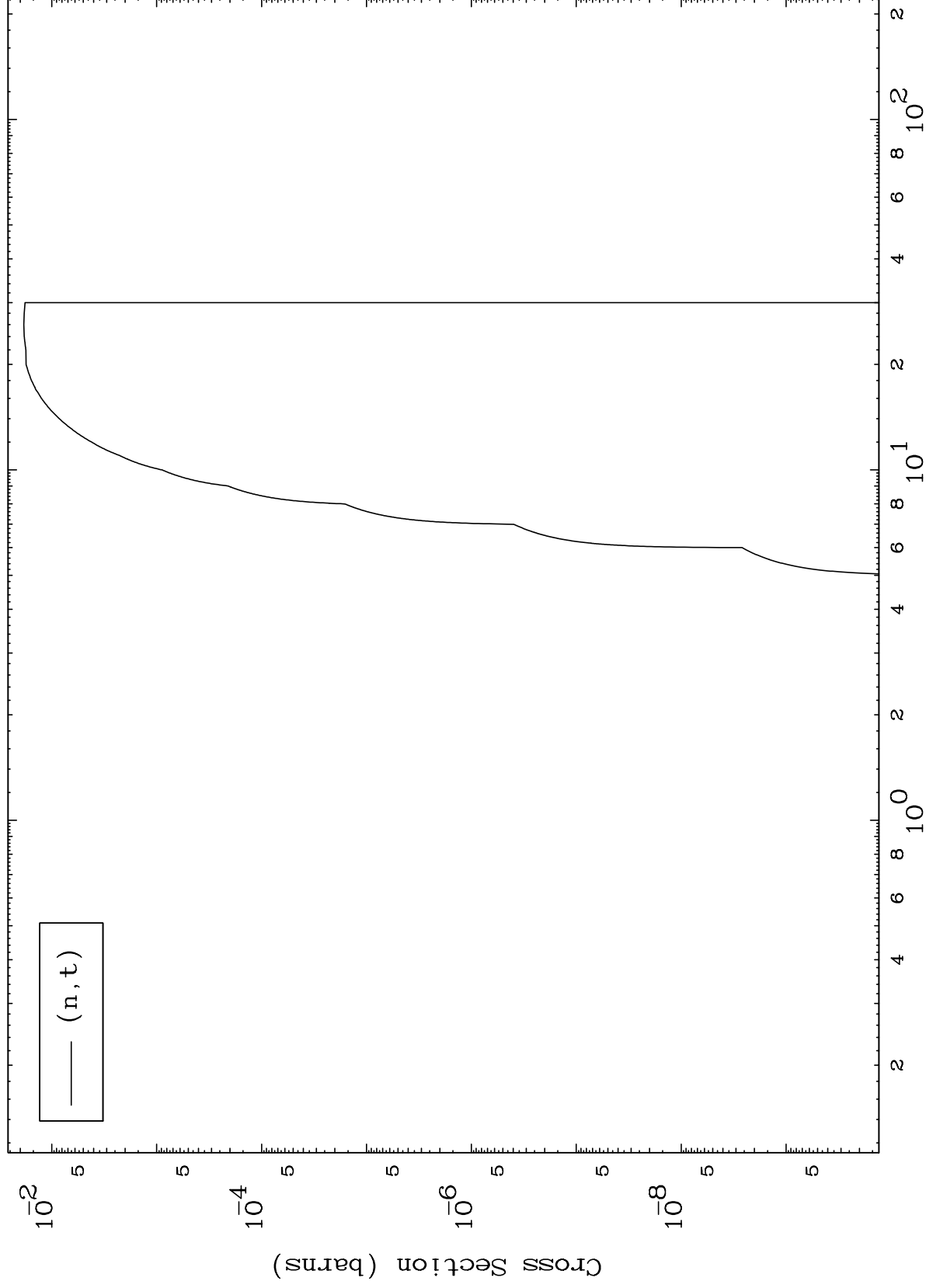
8

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71-Lu-181

(d,t) Levels

0 Kelvin Cross Sections

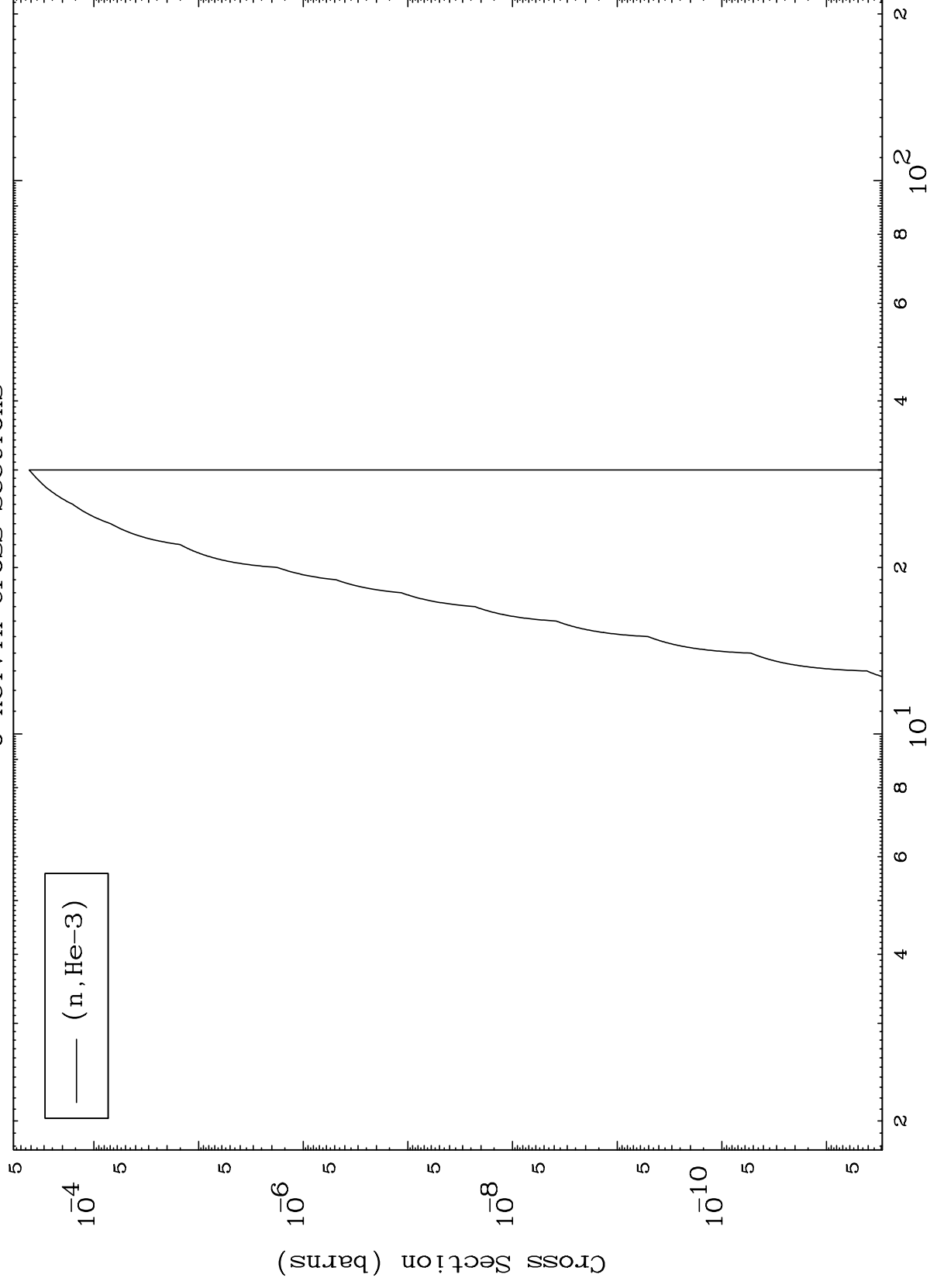


— (n,t)

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71-Lu-181

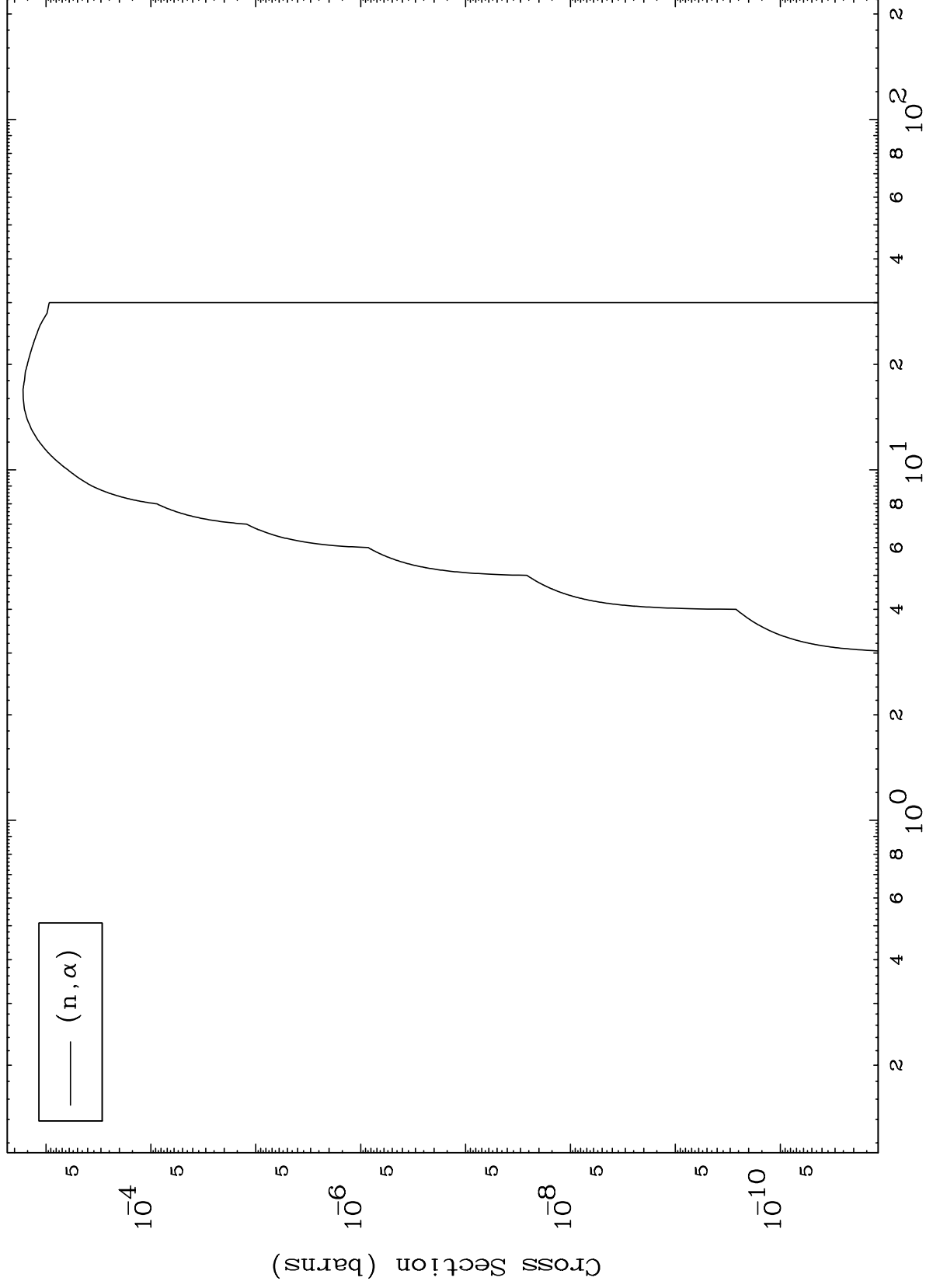
(d, He3) Levels
0 Kelvin Cross Sections



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71-Lu-181

(d, α) Levels
0 Kelvin Cross Sections



11

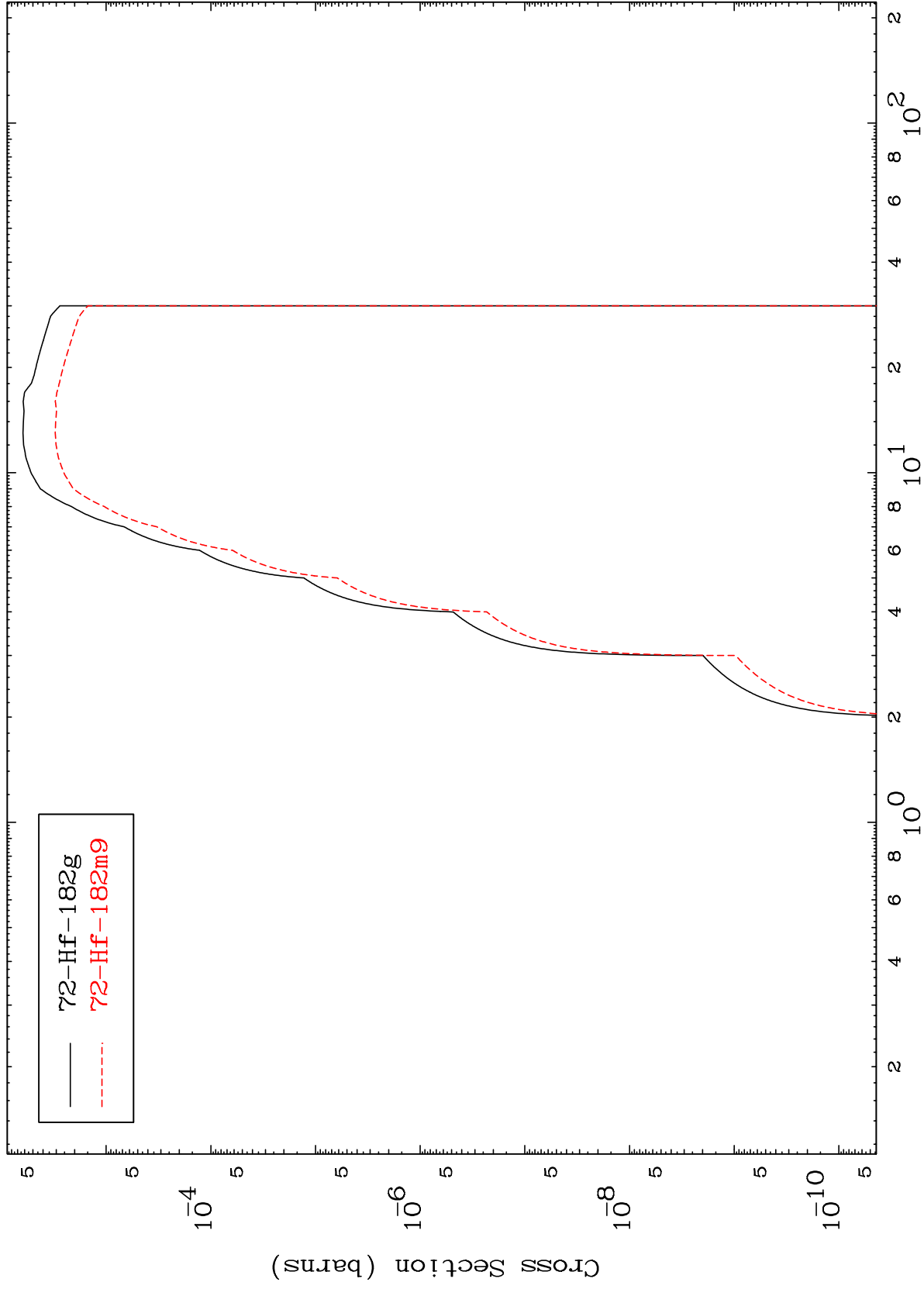
Incident Energy (MeV)

71-Lu-181

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71-Lu-181

Inelastic
Radionuclide Production Cross Section



12

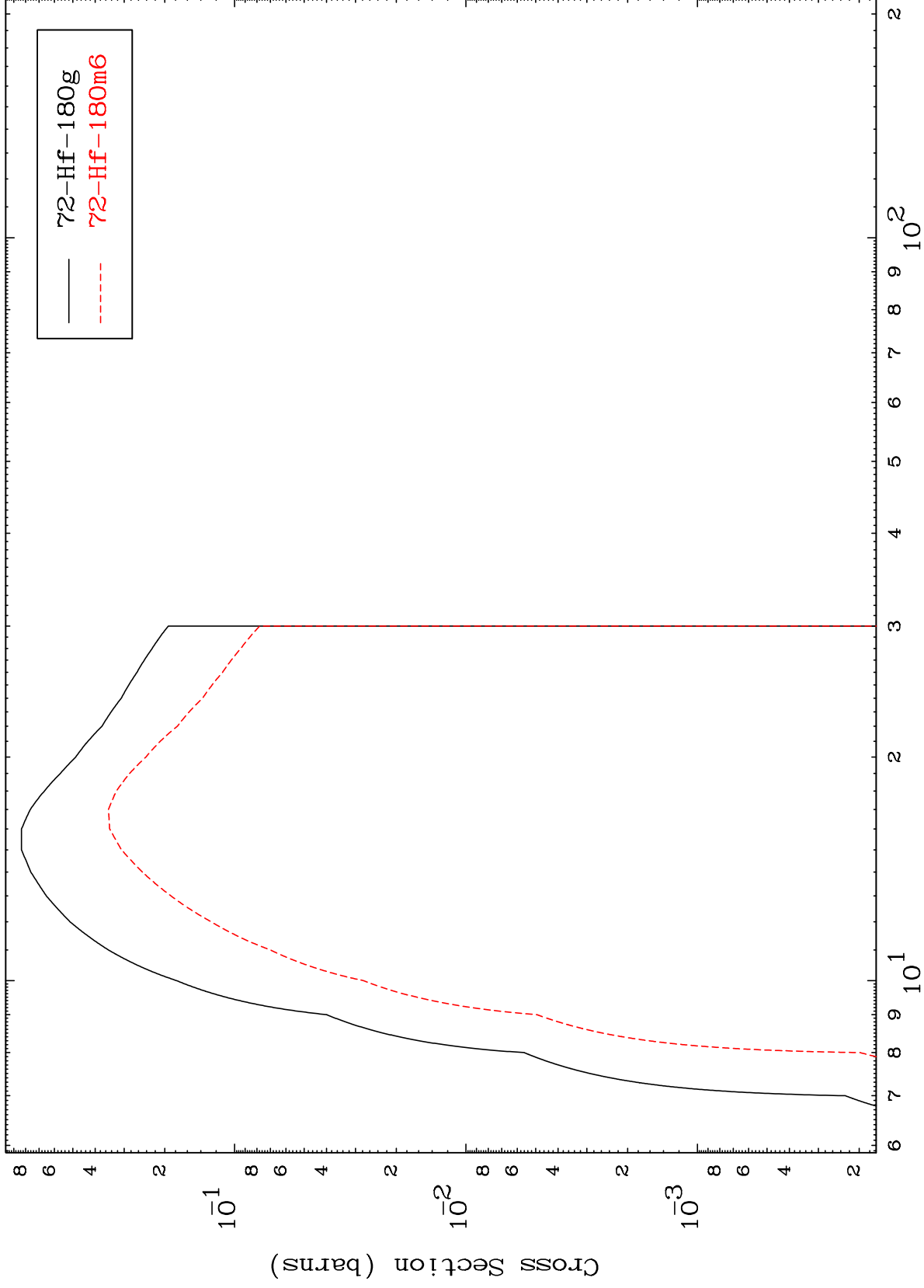
Incident Energy (MeV)

71-Lu-181

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71-Lu-181

(n,3n)
Radionuclide Production Cross Section



13

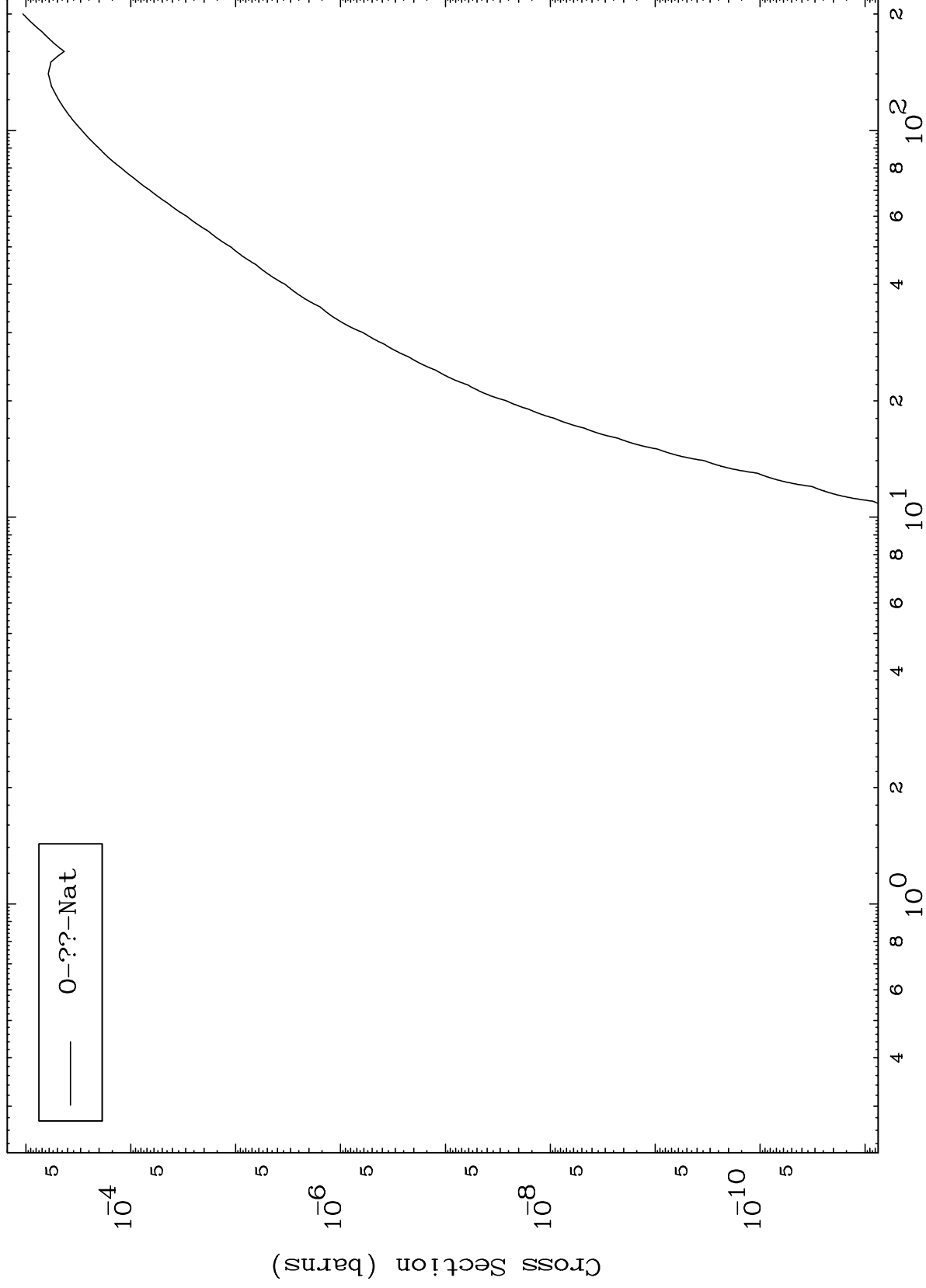
71-Lu-181

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Fission

⁷¹Lu-181

Radionuclide Production Cross Section



14

Incident Energy (MeV)

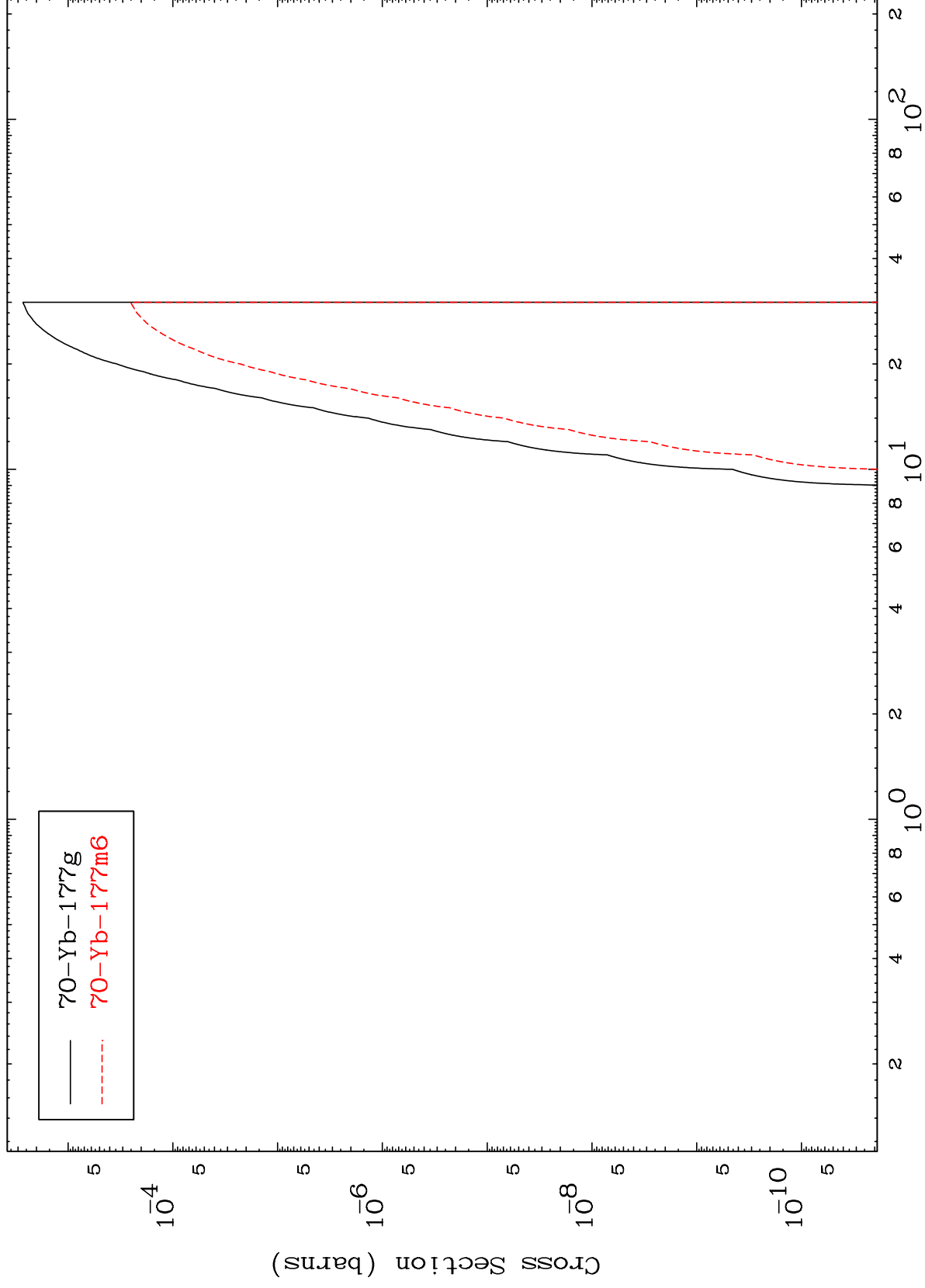
⁷¹Lu-181

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$(n,2n) \alpha$

$^{71}\text{Lu-181}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

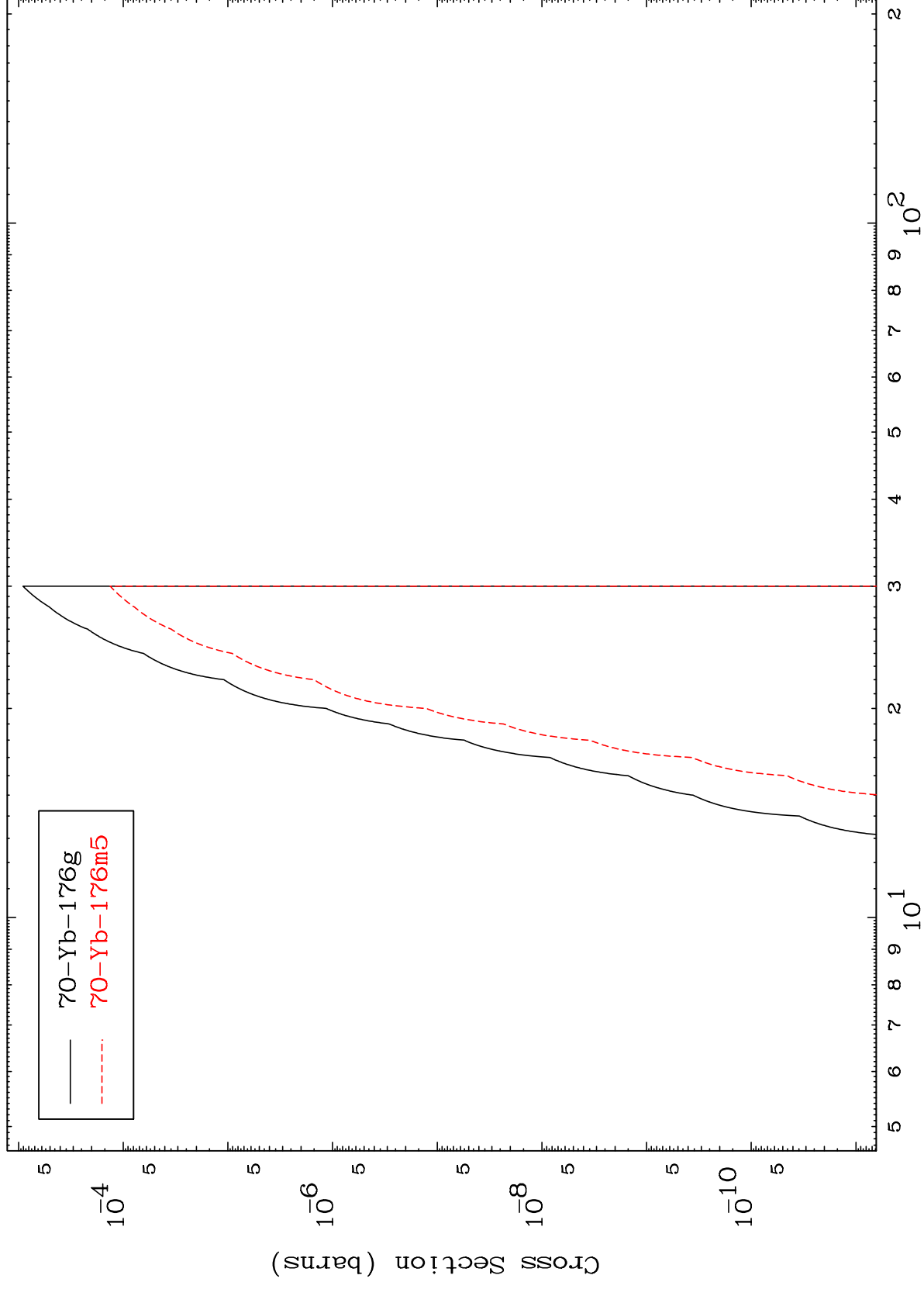
$^{71}\text{Lu-181}$

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$$(n, 3n) \propto$$

71-Lu-181

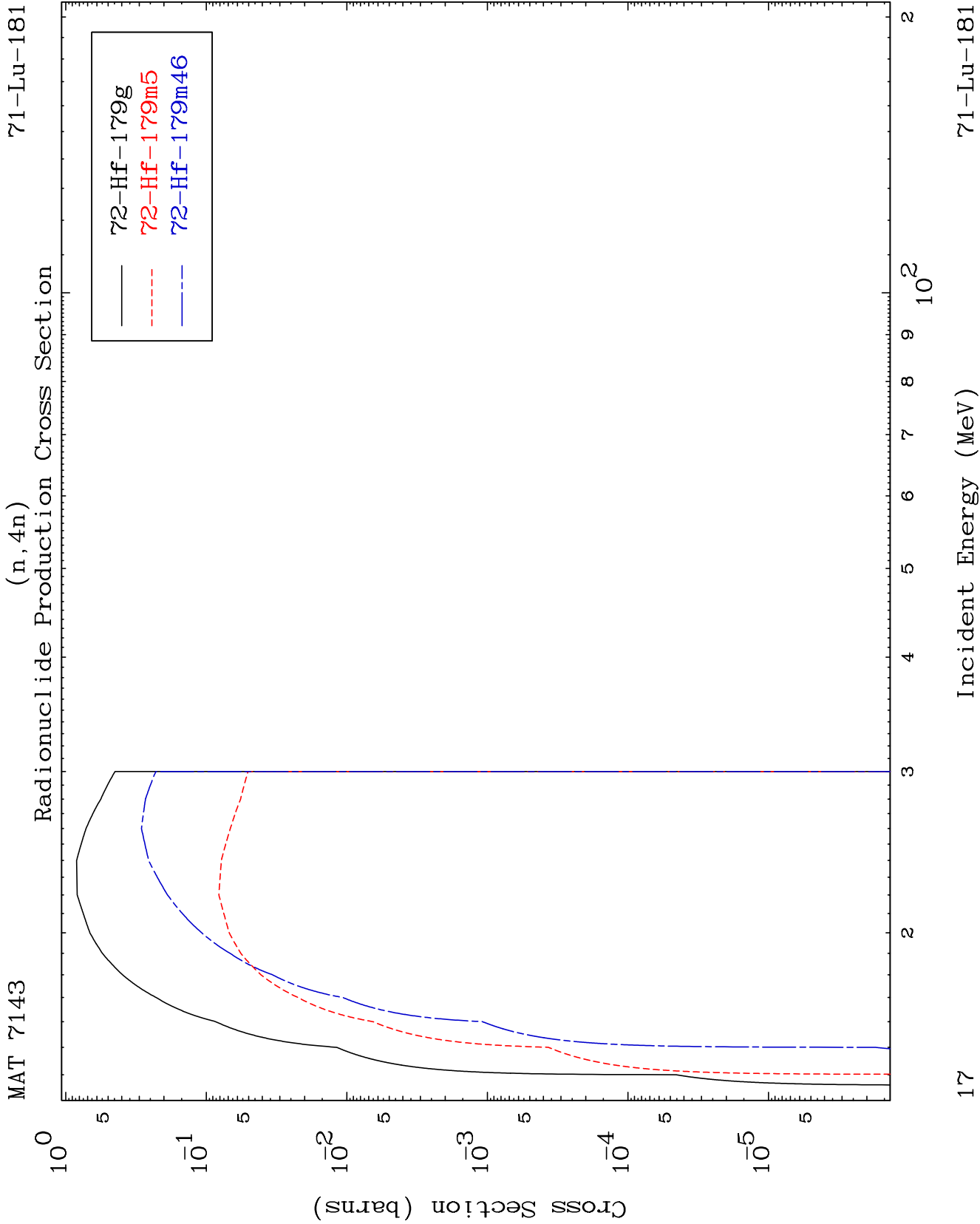
Radionuclide Production Cross Section



16

Incident Energy (MeV)

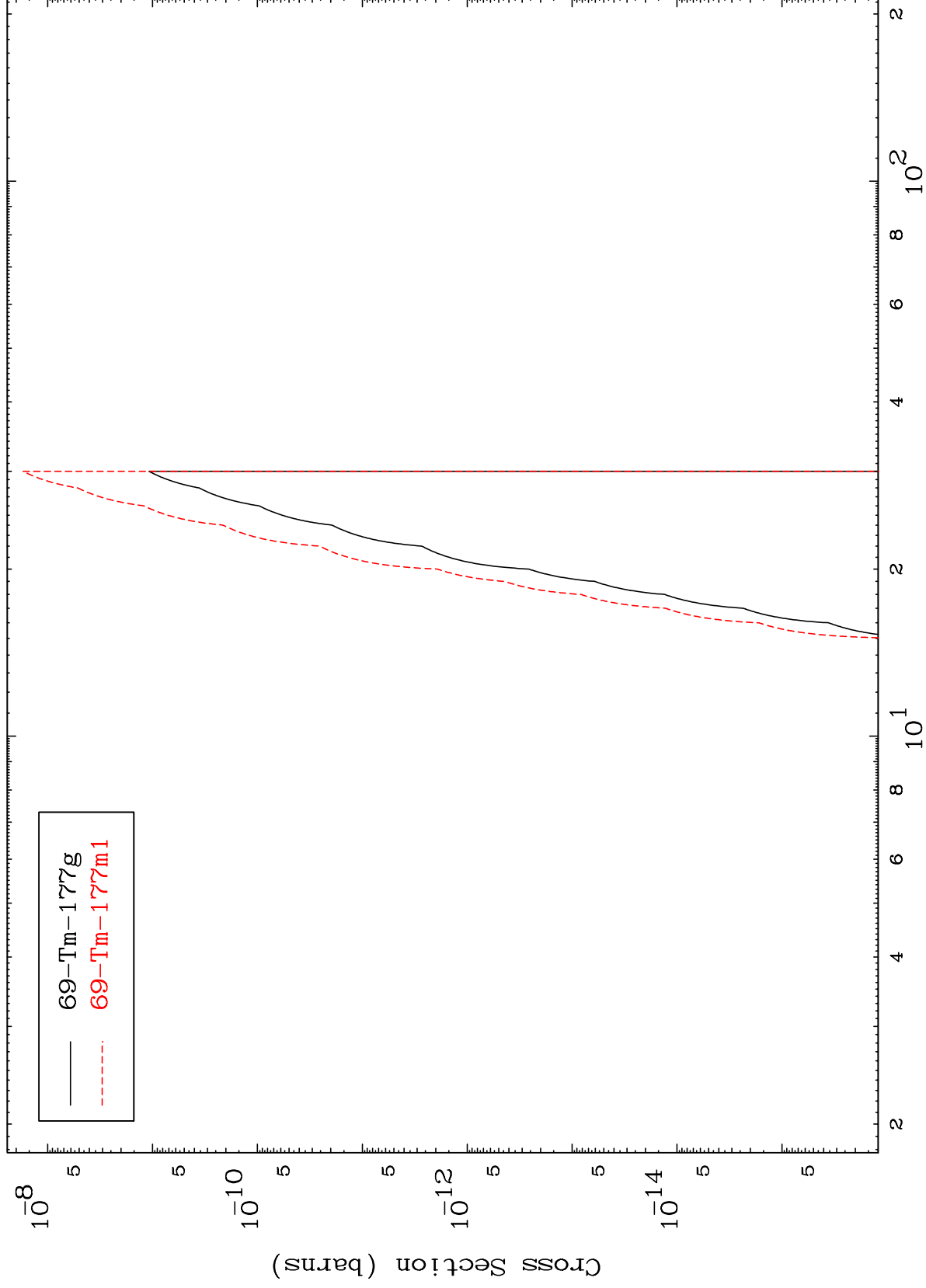
71-Lu-181



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71-Lu-181

(n,n') p α
Radionuclide Production Cross Section



71-Lu-181

Incident Energy (MeV)

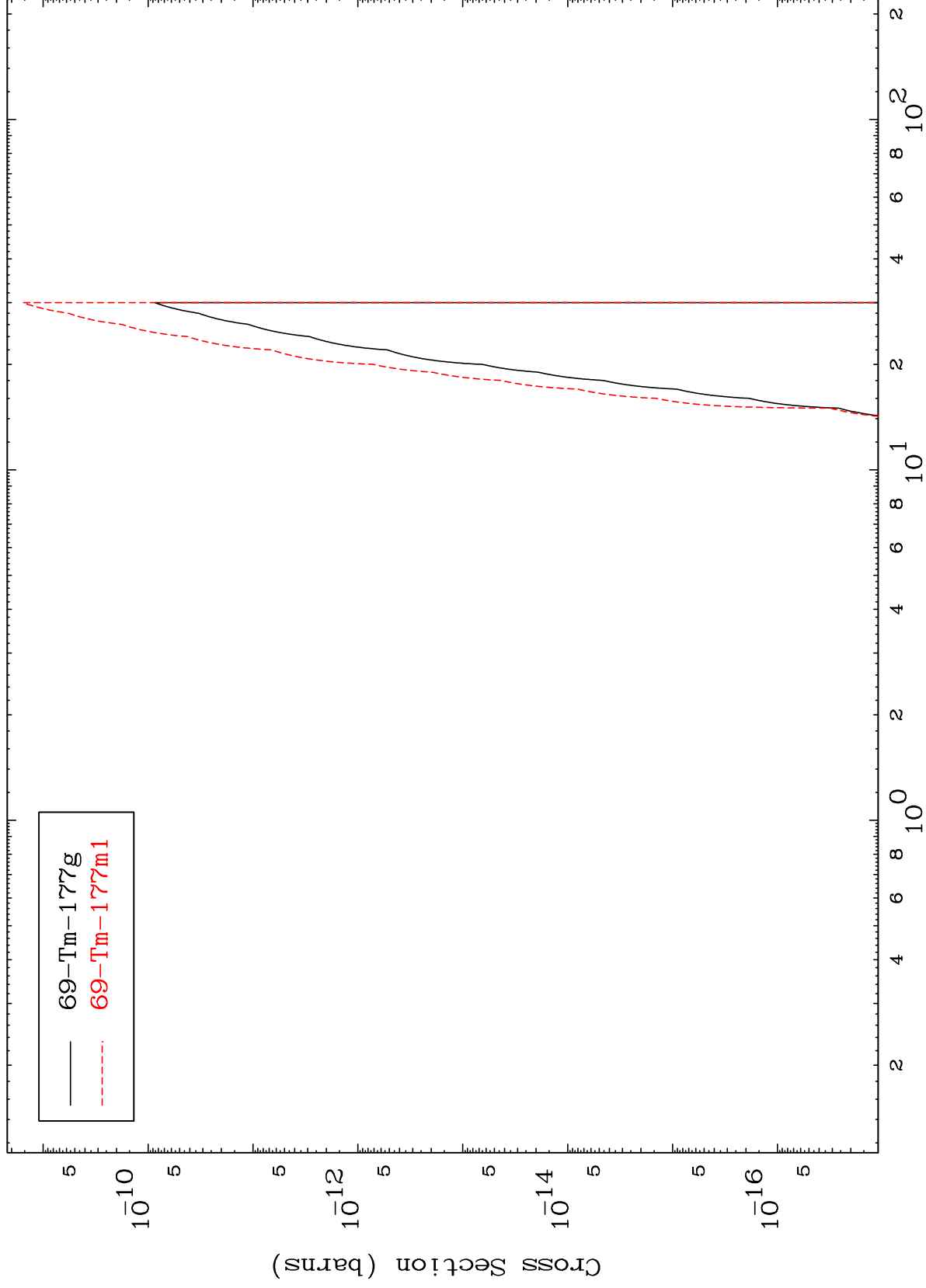
18

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(n,d) α

$^{71}\text{Lu-181}$

Radionuclide Production Cross Section



19

Incident Energy (MeV)

$^{71}\text{Lu-181}$