

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

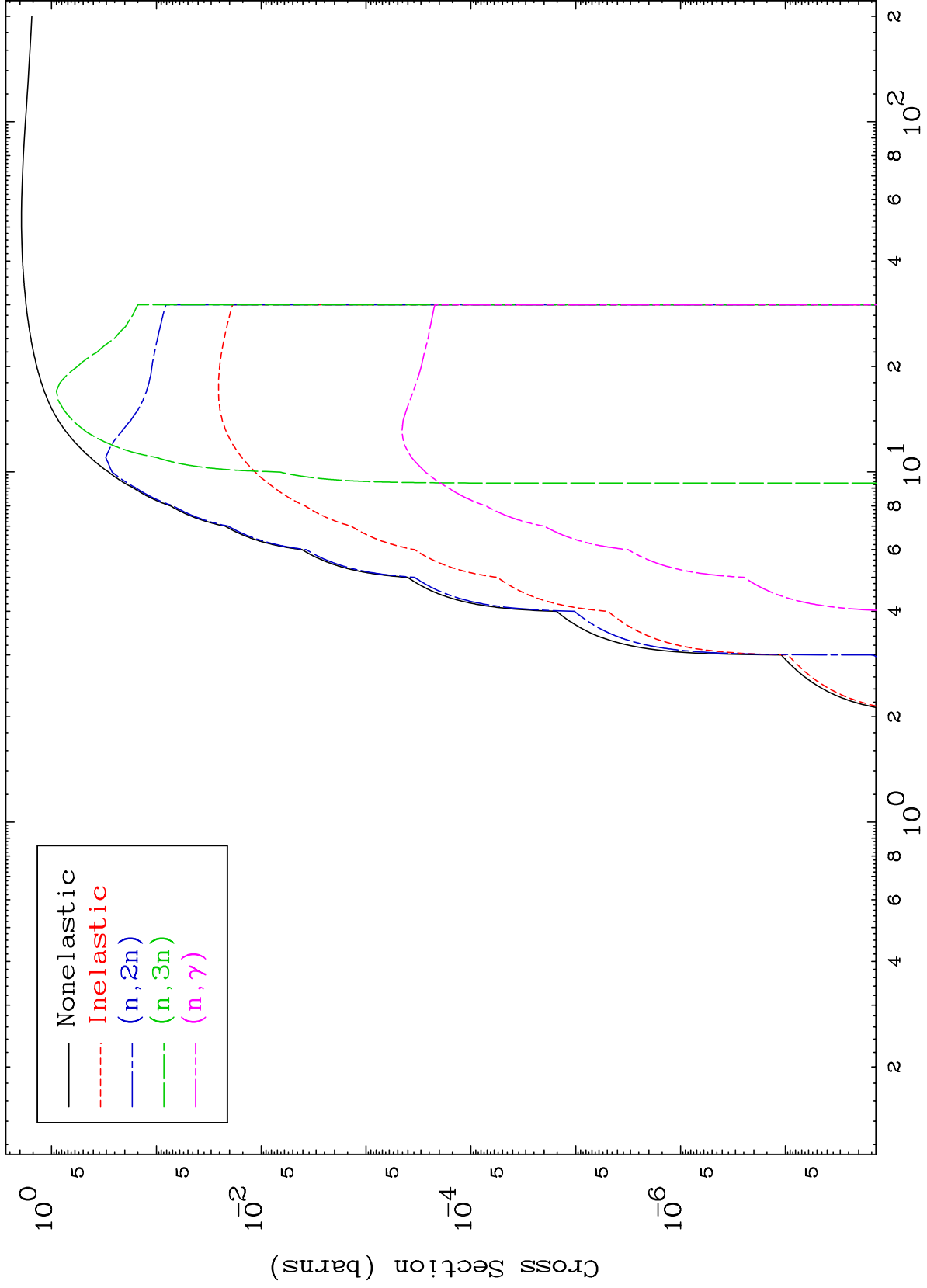
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Web: redcullen1.net/HOMEPAGE.NEW

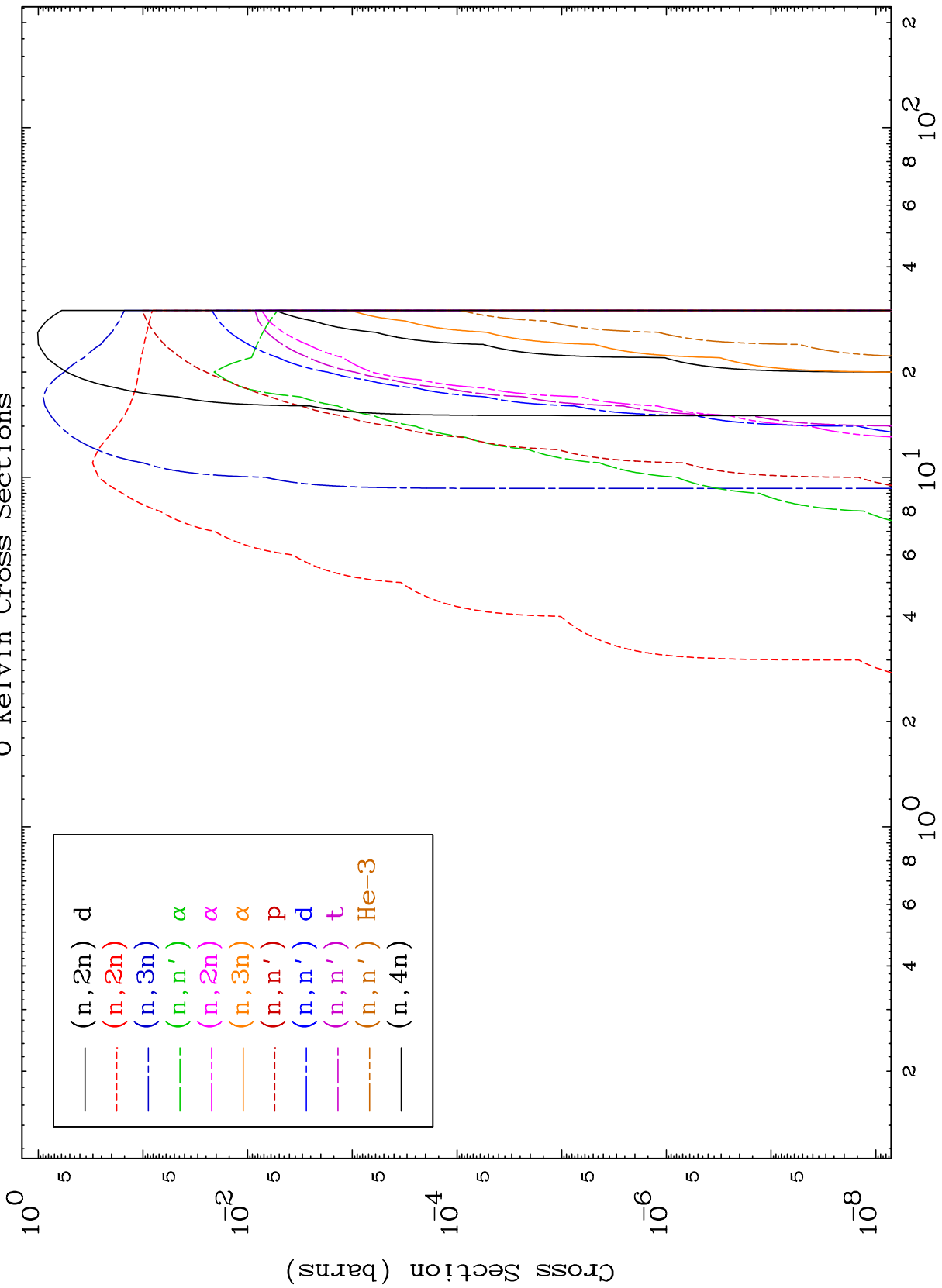
Press Mouse Button to Start



MAT 7149

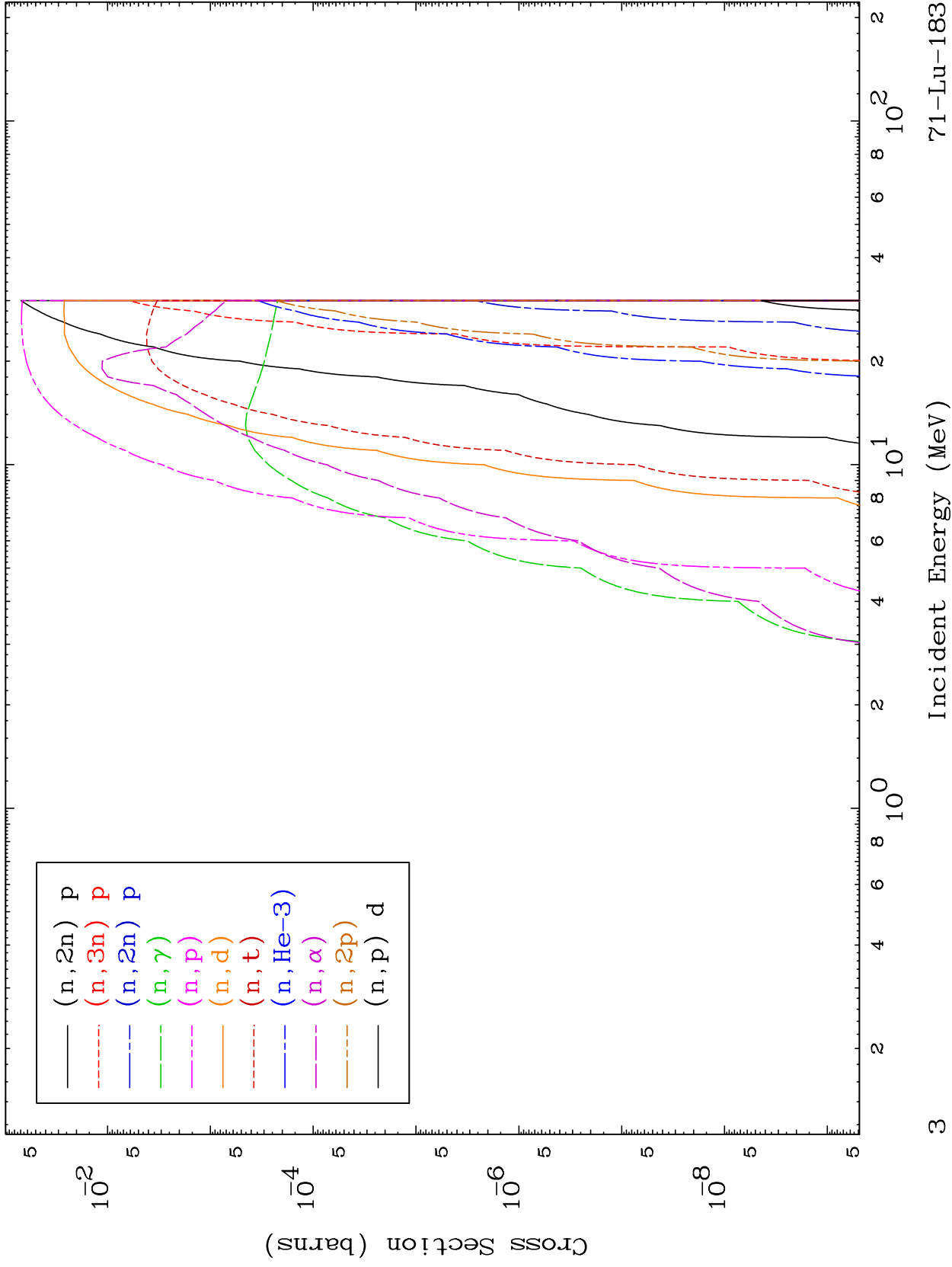
Proton Neutron Absorption
0 Kelvin Cross Sections

71-Lu-183



71-Lu-183

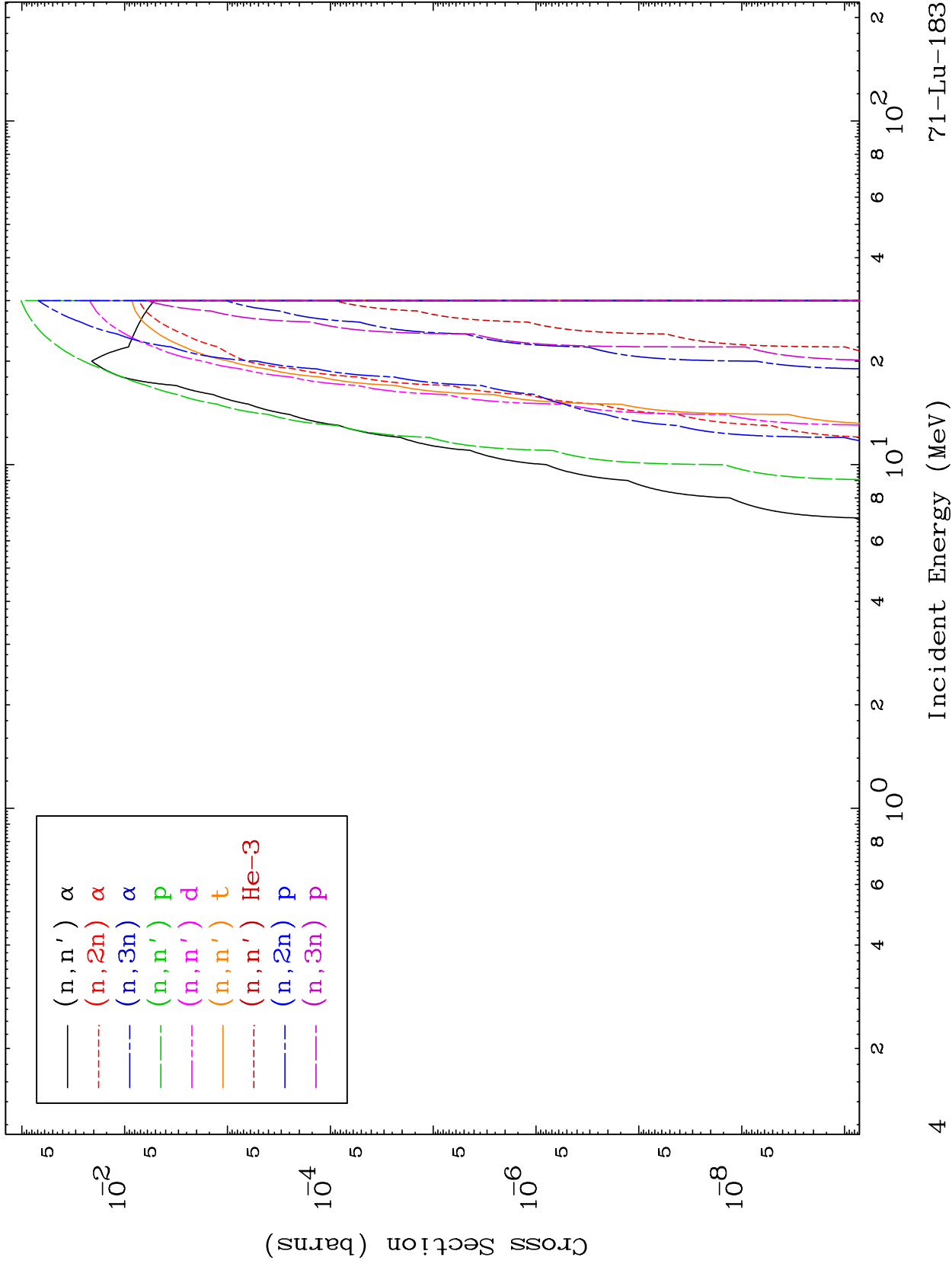
Incident Energy (MeV)

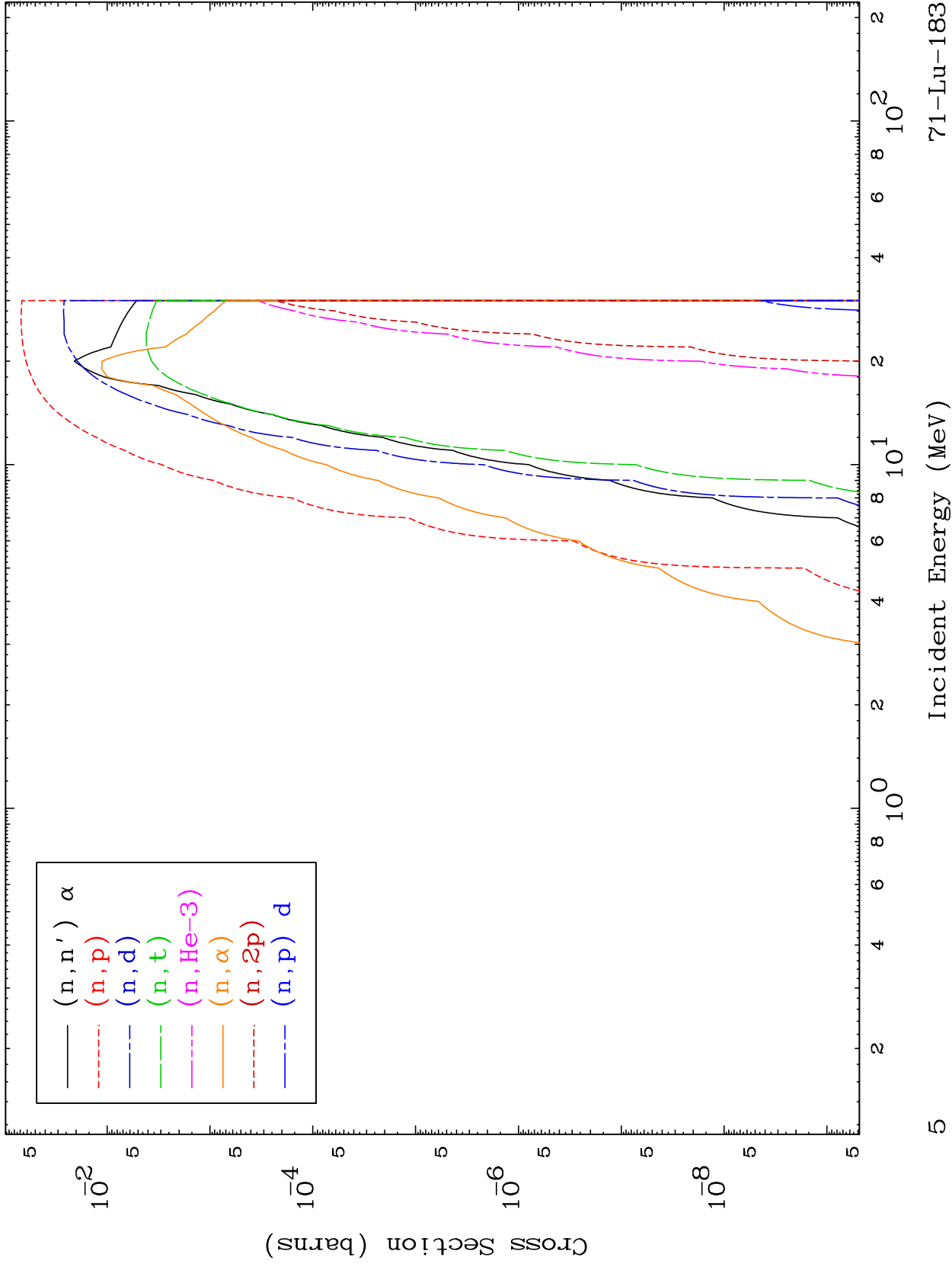


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Proton Charged Particle
0 Kelvin Cross Sections

71-Lu-183

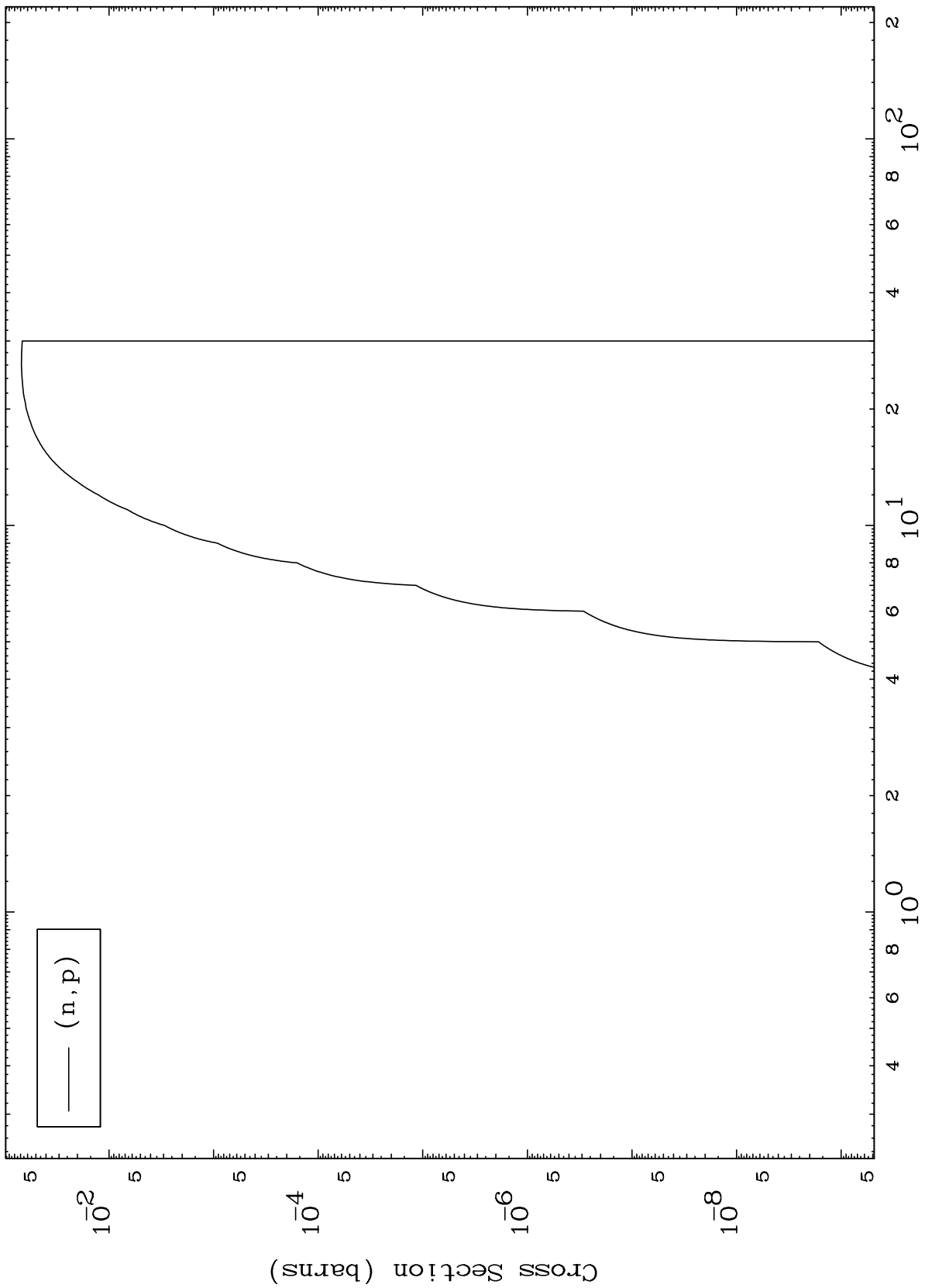




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71-Lu-183

(p,p) Levels
0 Kelvin Cross Sections



71-Lu-183

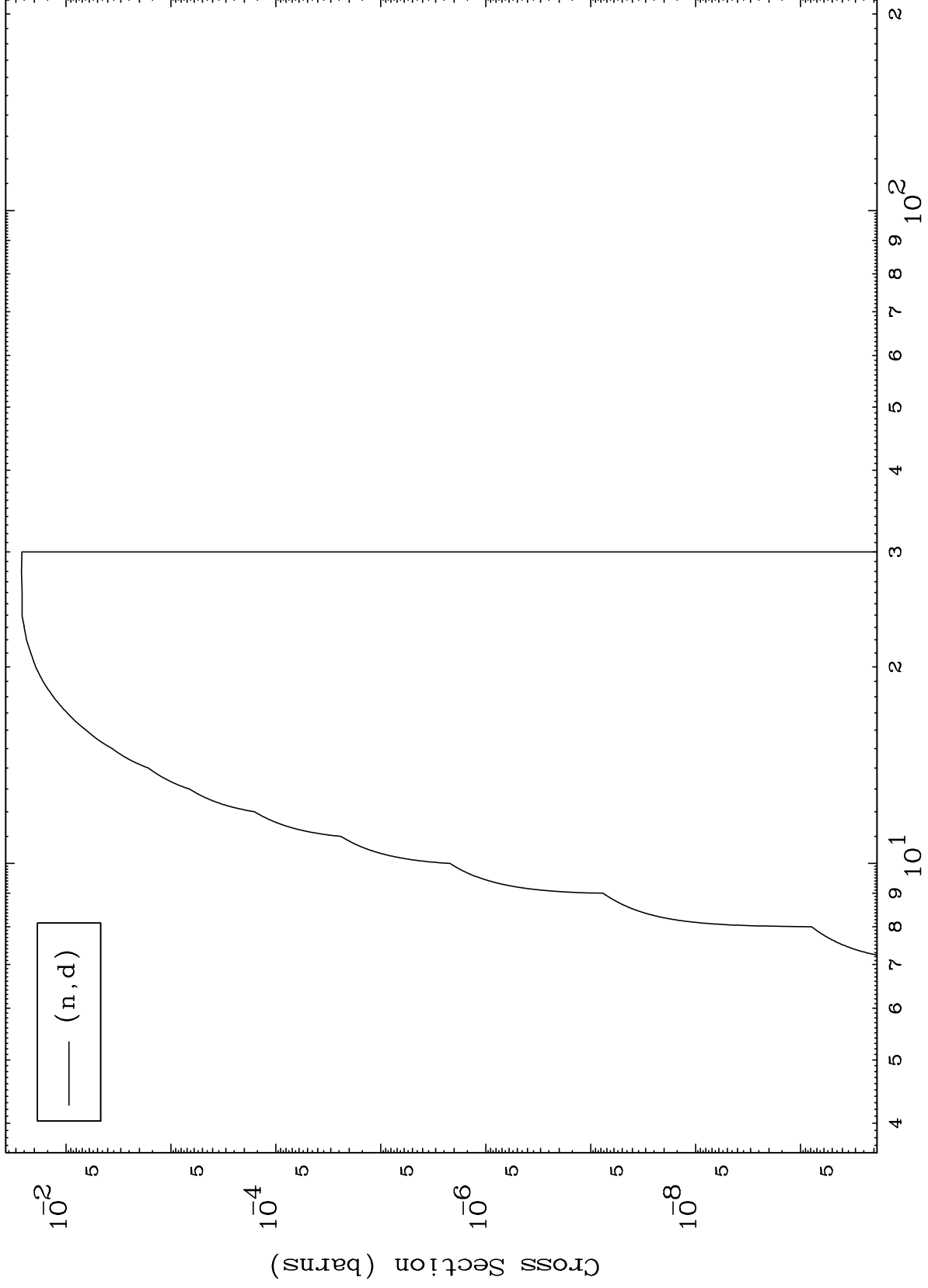
Incident Energy (MeV)

6

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(p,d) Levels
0 Kelvin Cross Sections

71-Lu-183



7

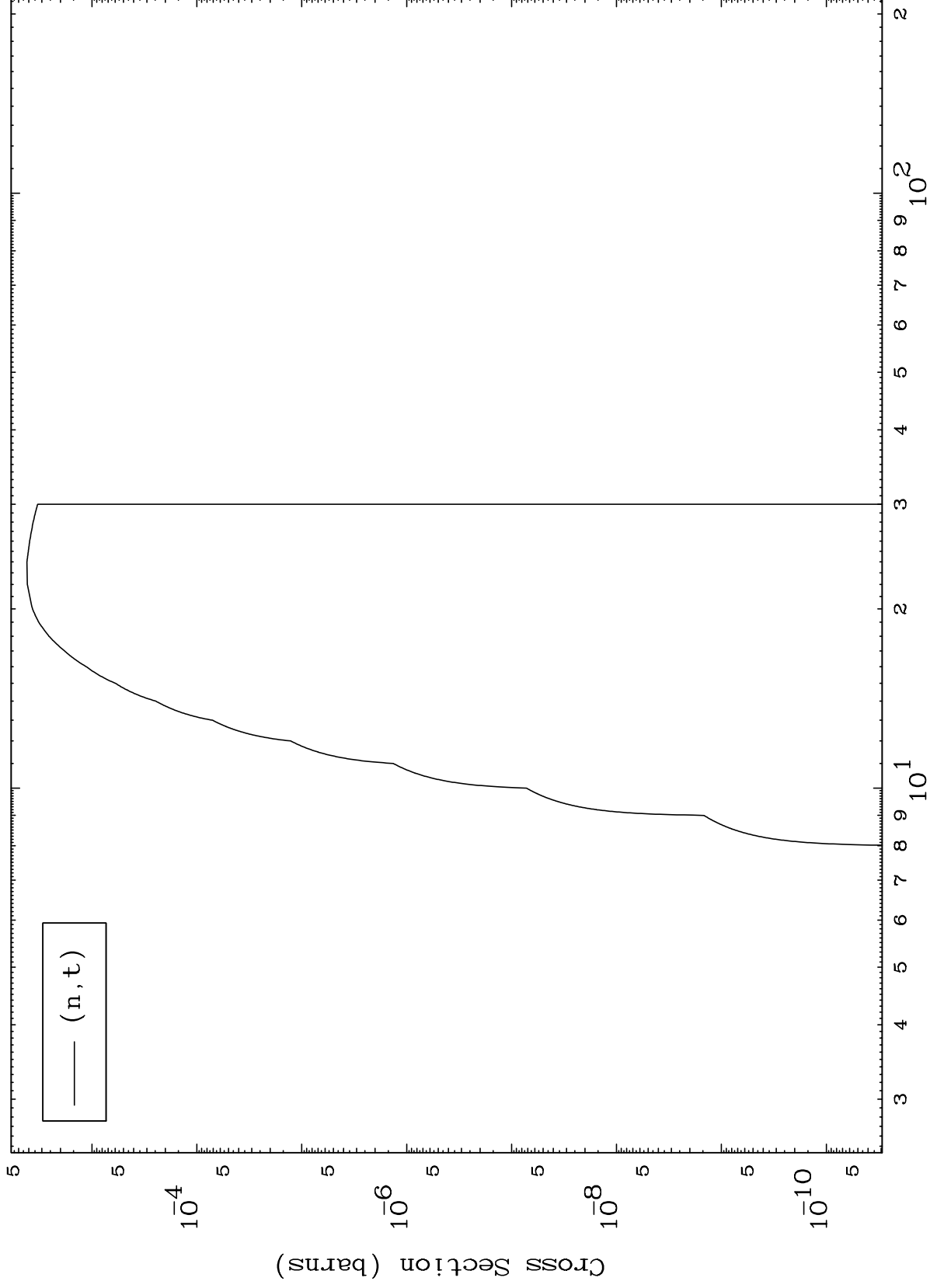
Incident Energy (MeV)

71-Lu-183

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(p, t) Levels
0 Kelvin Cross Sections

71-Lu-183



8

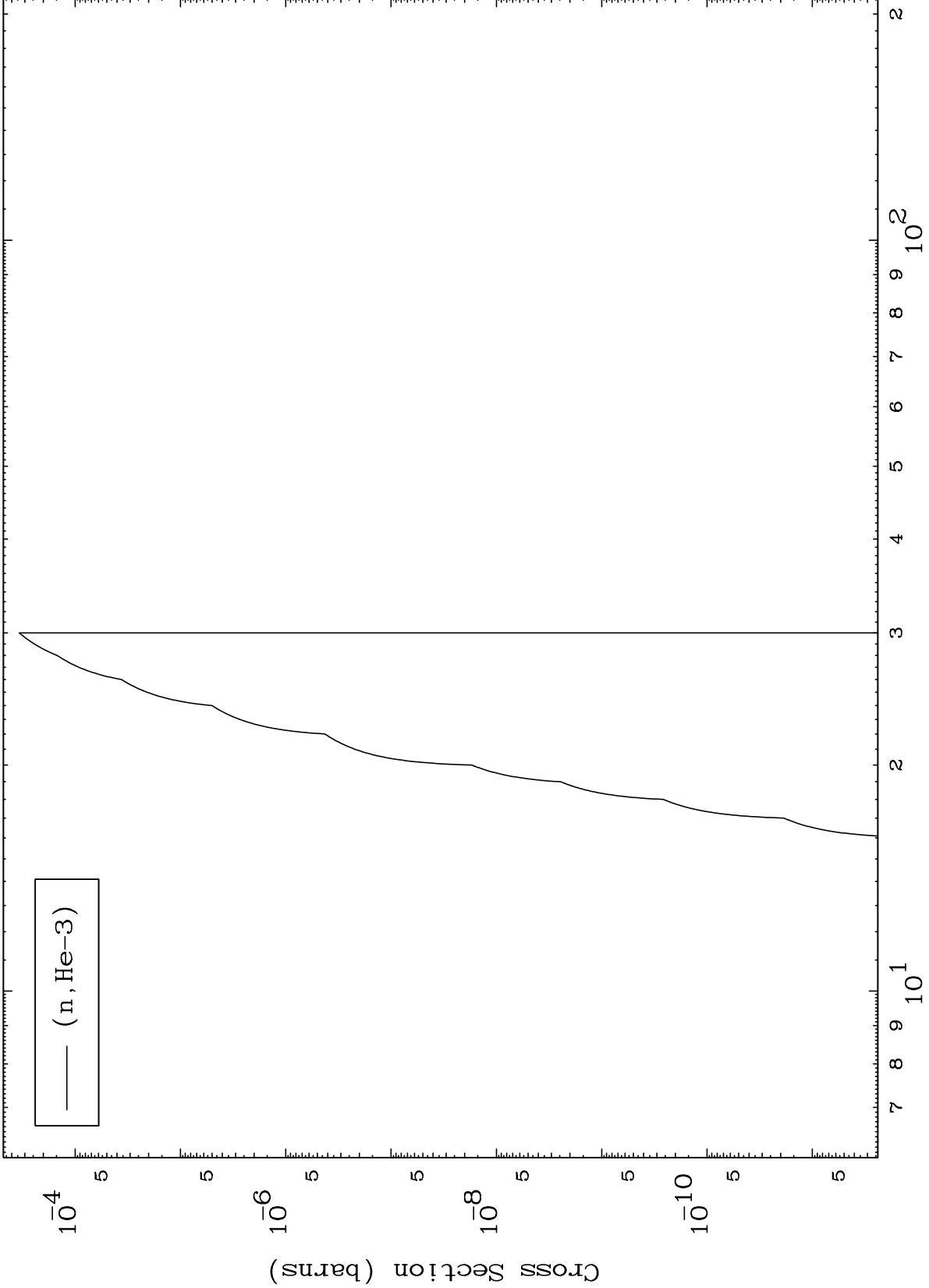
Incident Energy (MeV)

71-Lu-183

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71-Lu-183

(p,He3) Levels
0 Kelvin Cross Sections

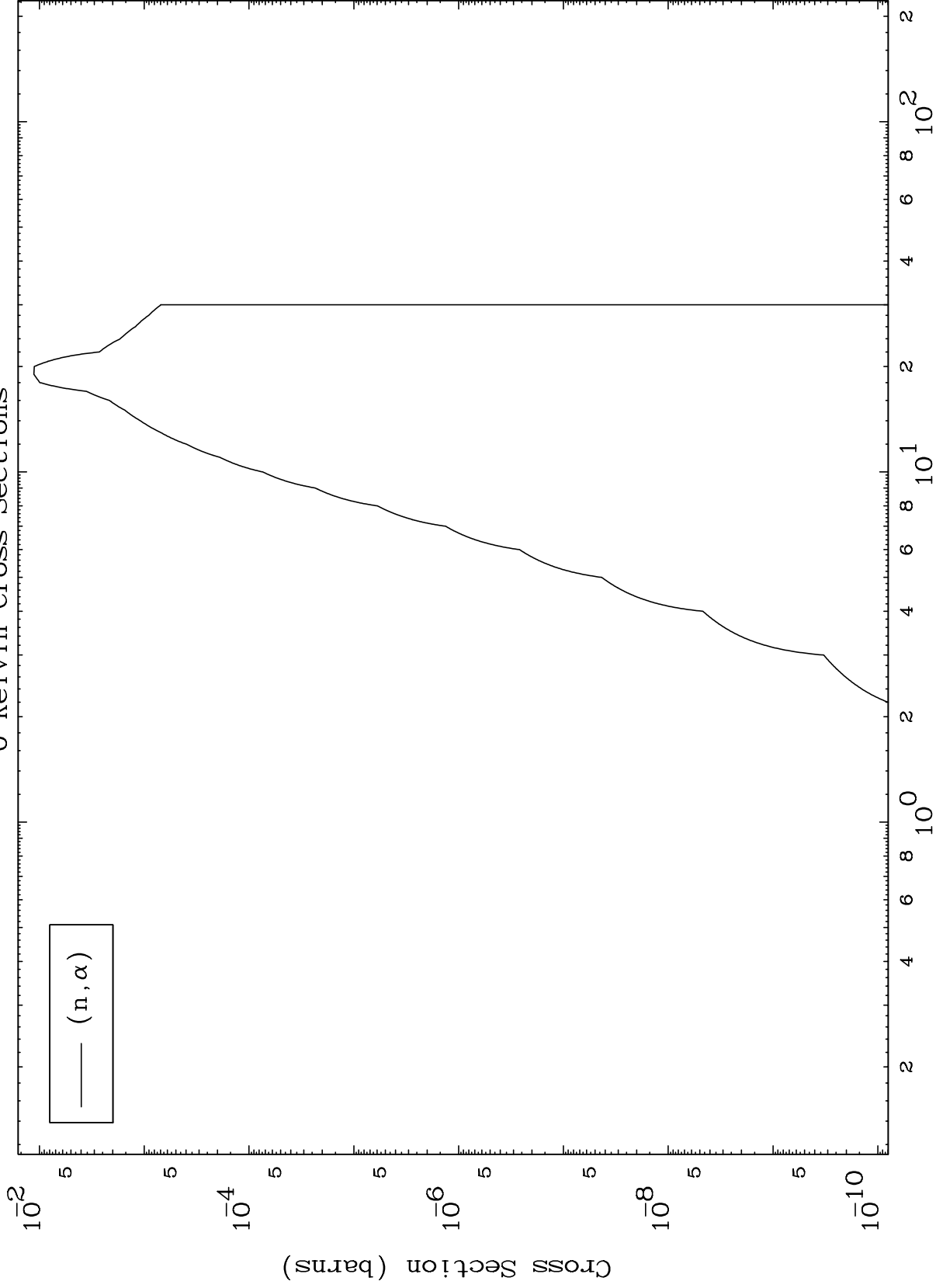


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(p, α) Levels

71-Lu-183

0 Kelvin Cross Sections

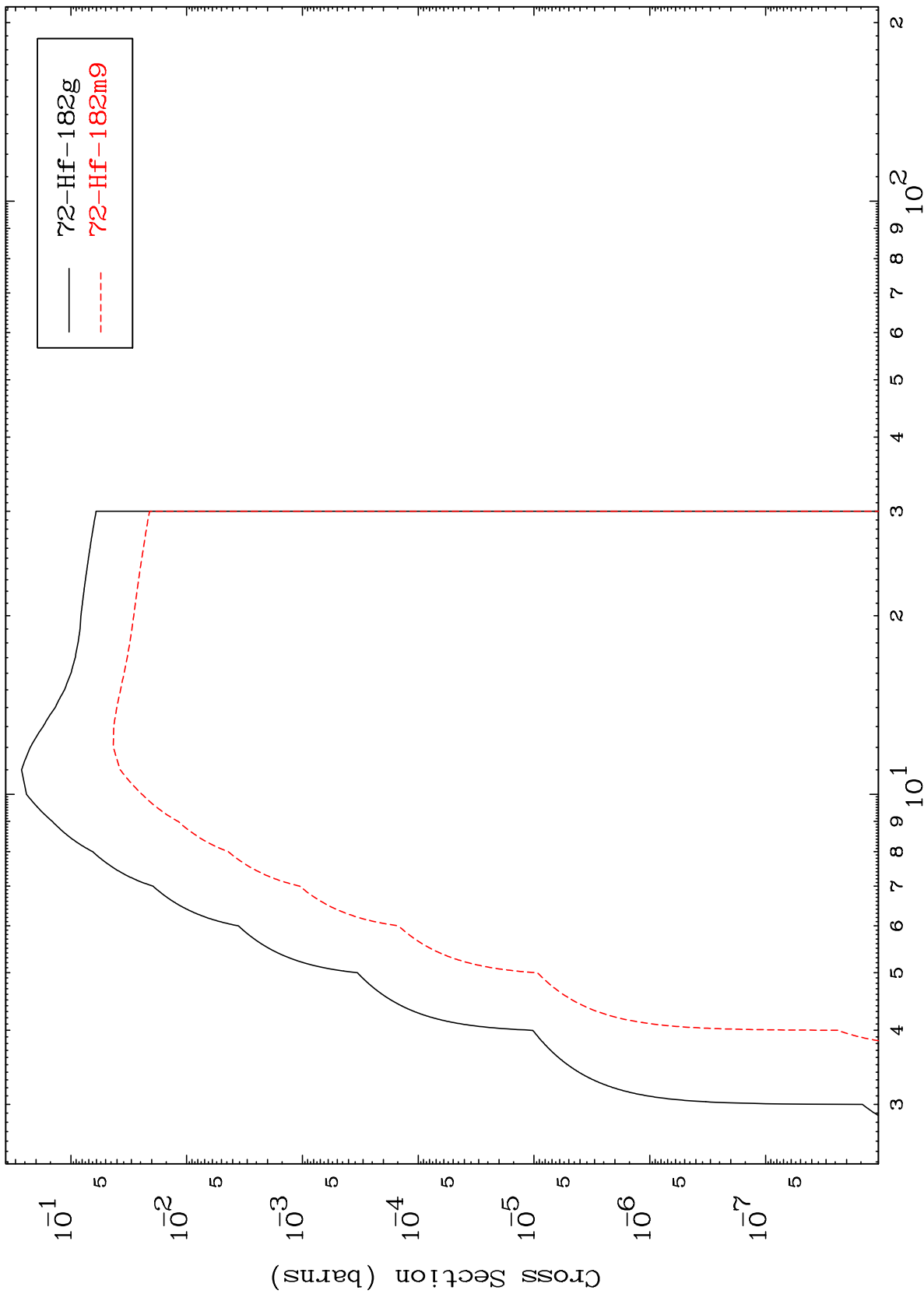


10

Incident Energy (MeV)

71-Lu-183

(n,2n)
Radionuclide Production Cross Section

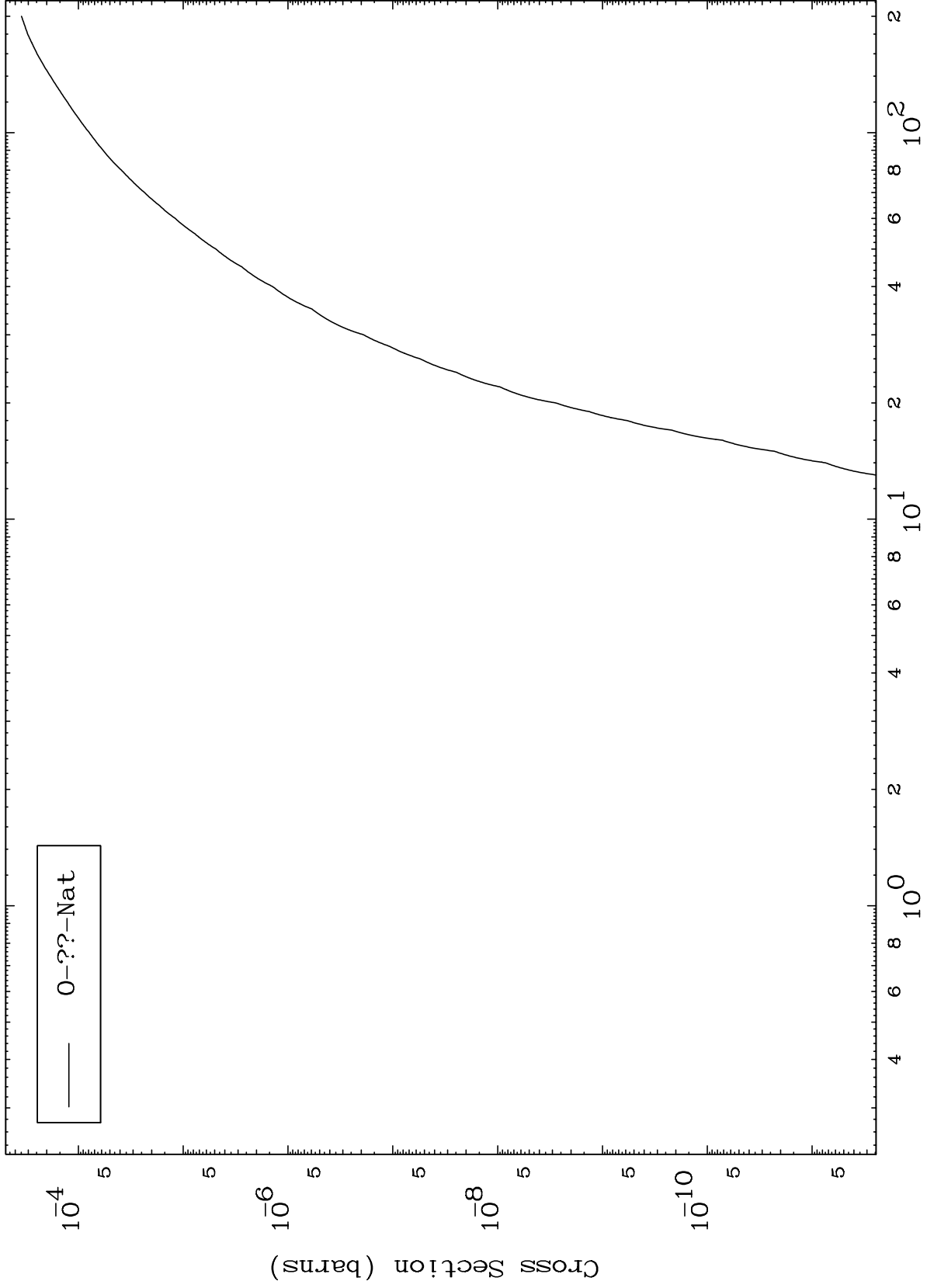


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Fission

⁷¹-Lu-183

Radionuclide Production Cross Section



12

Incident Energy (MeV)

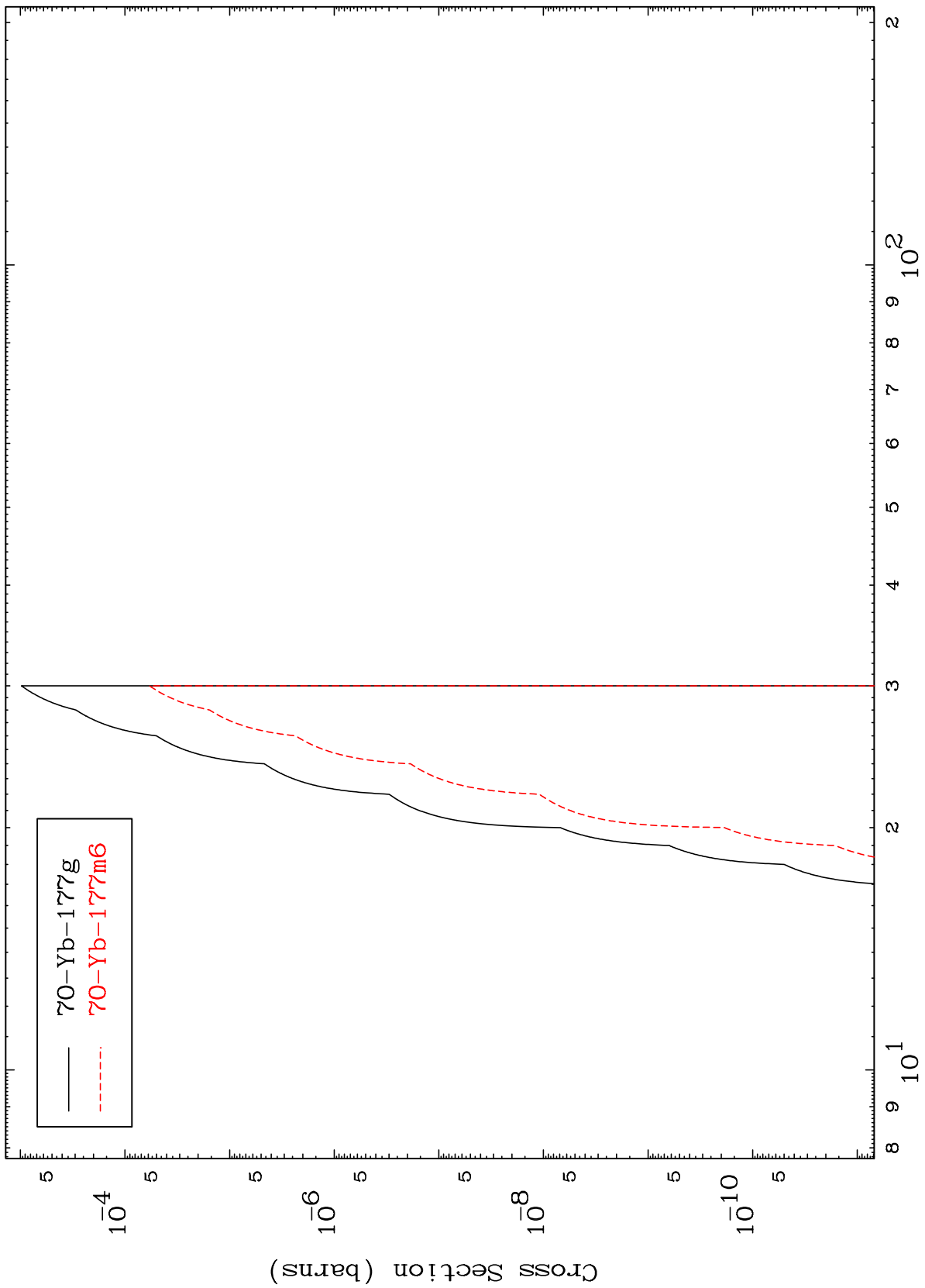
⁷¹-Lu-183

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(n,3n) α

71-Lu-183

Radionuclide Production Cross Section



— 70-Yb-177g
- - - 70-Yb-177m6

13

Incident Energy (MeV)

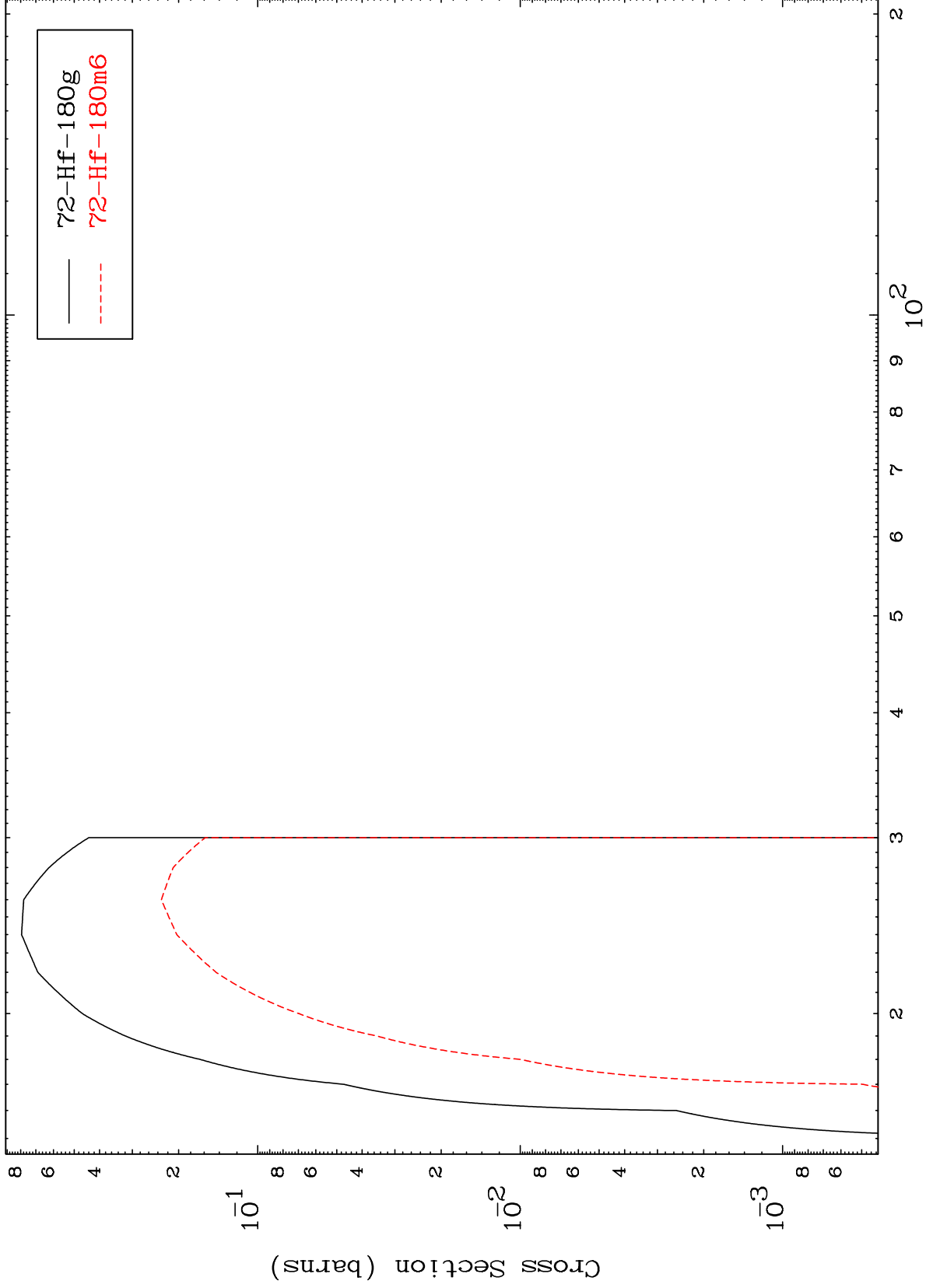
71-Lu-183

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(n,4n)

71-Lu-183

Radionuclide Production Cross Section



14

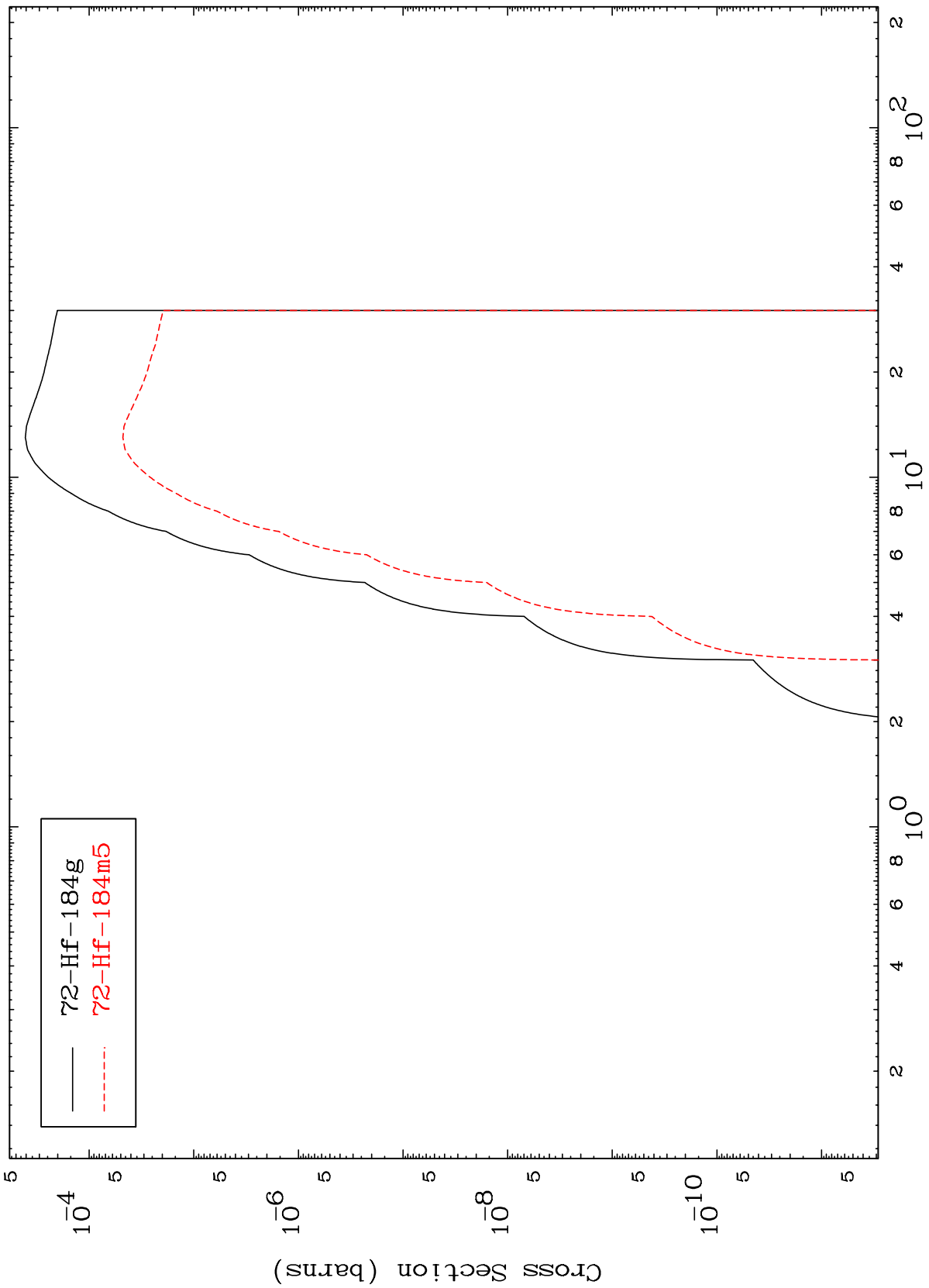
Incident Energy (MeV)

71-Lu-183

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71-Lu-183

(n, γ)
Radionuclide Production Cross Section



— $^{184}\text{g}\text{Hf}$
- - - $^{184\text{m}5}\text{Hf}$

15

Incident Energy (MeV)

71-Lu-183