

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

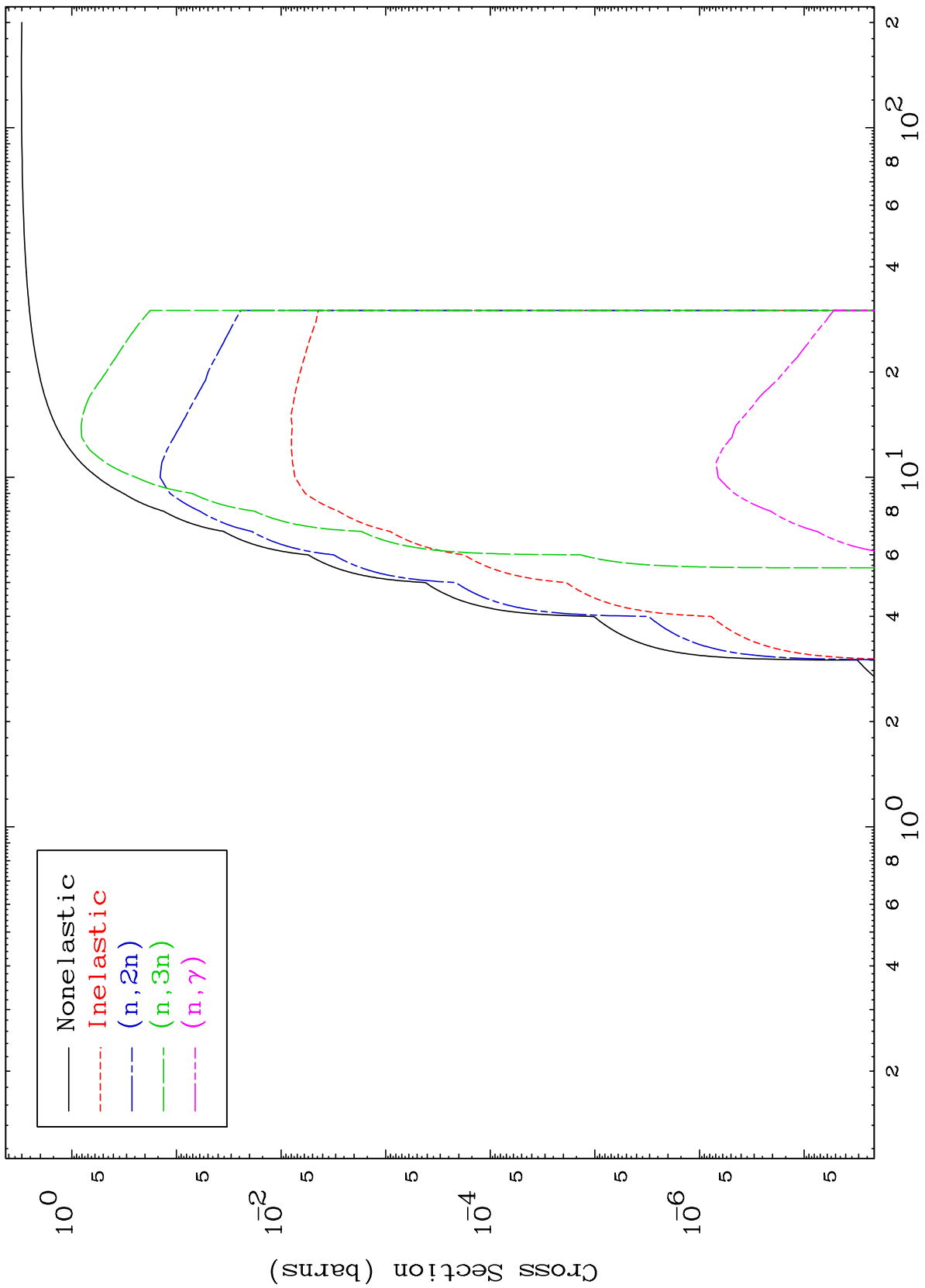
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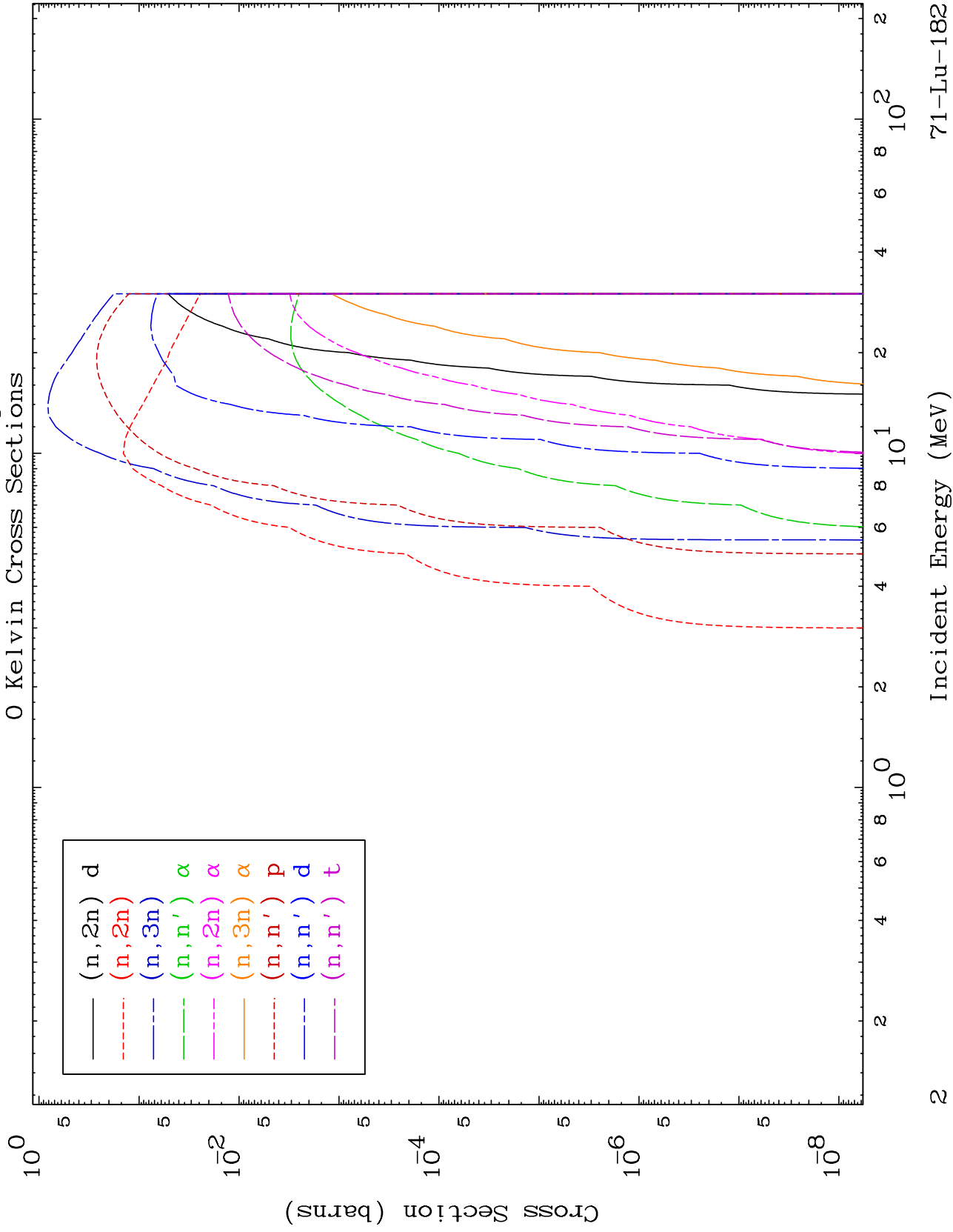
Press Mouse Button to Start

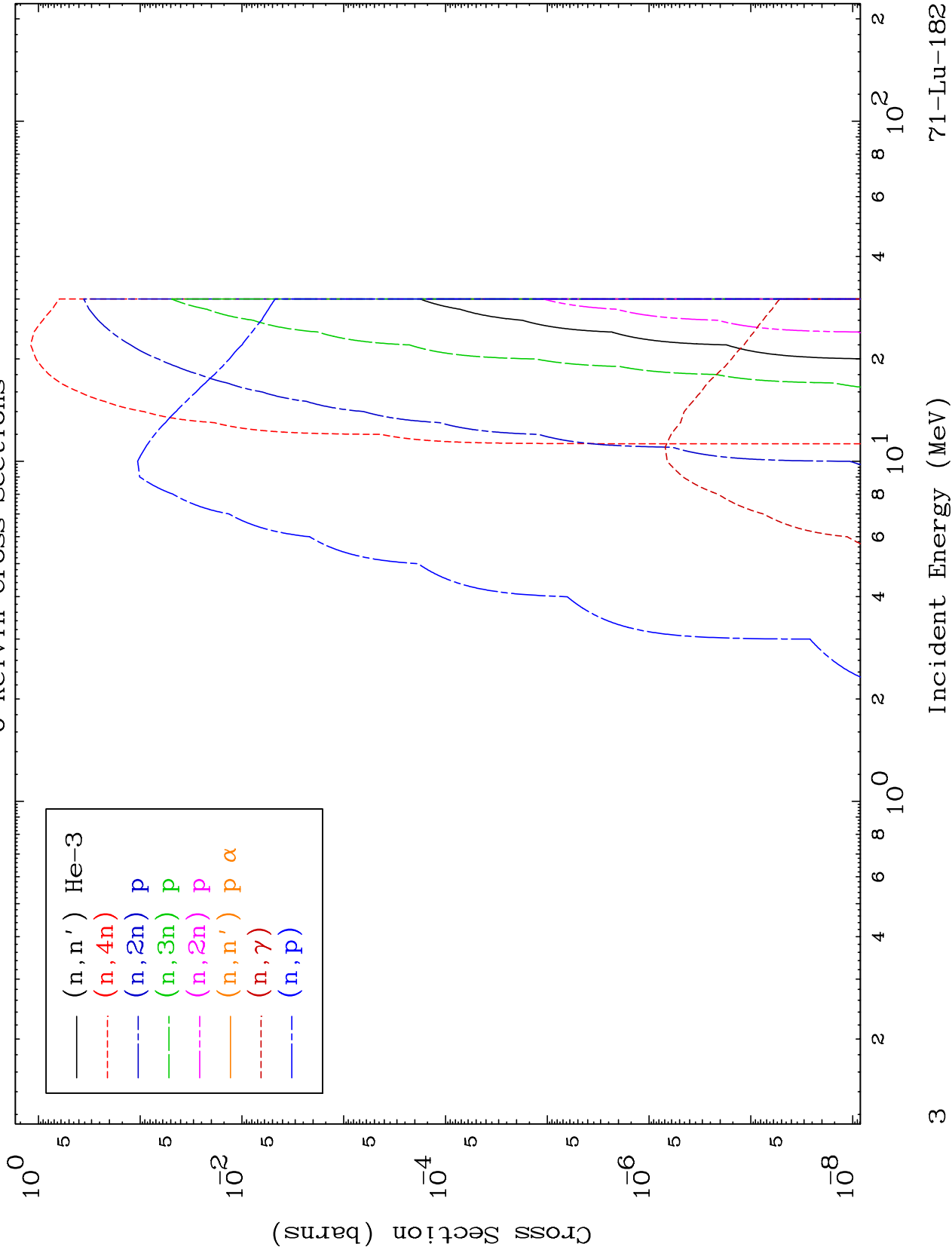


MAT 7146

Deuteron Neutron Absorption
0 Kelvin Cross Sections

71-Lu-182

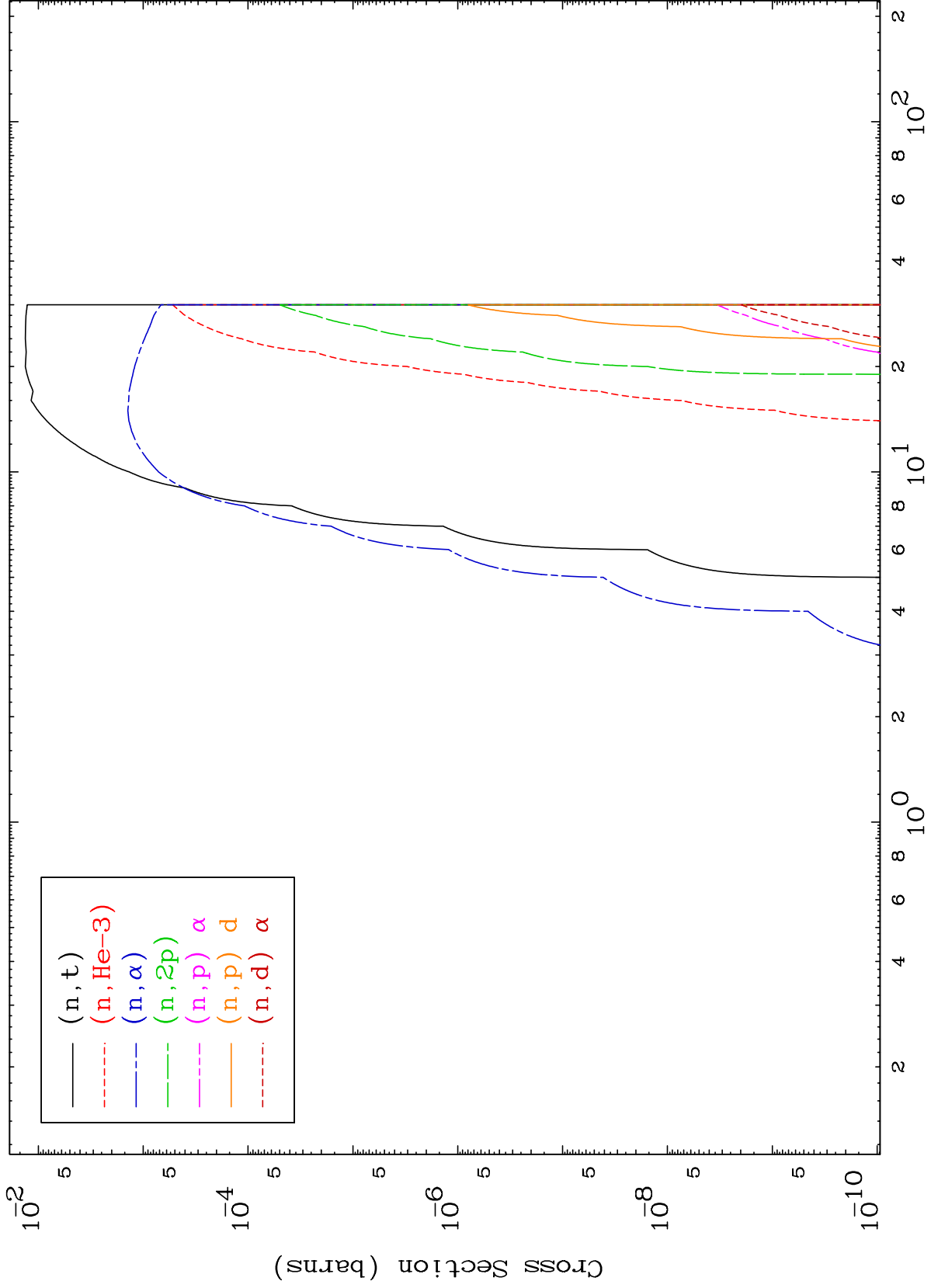


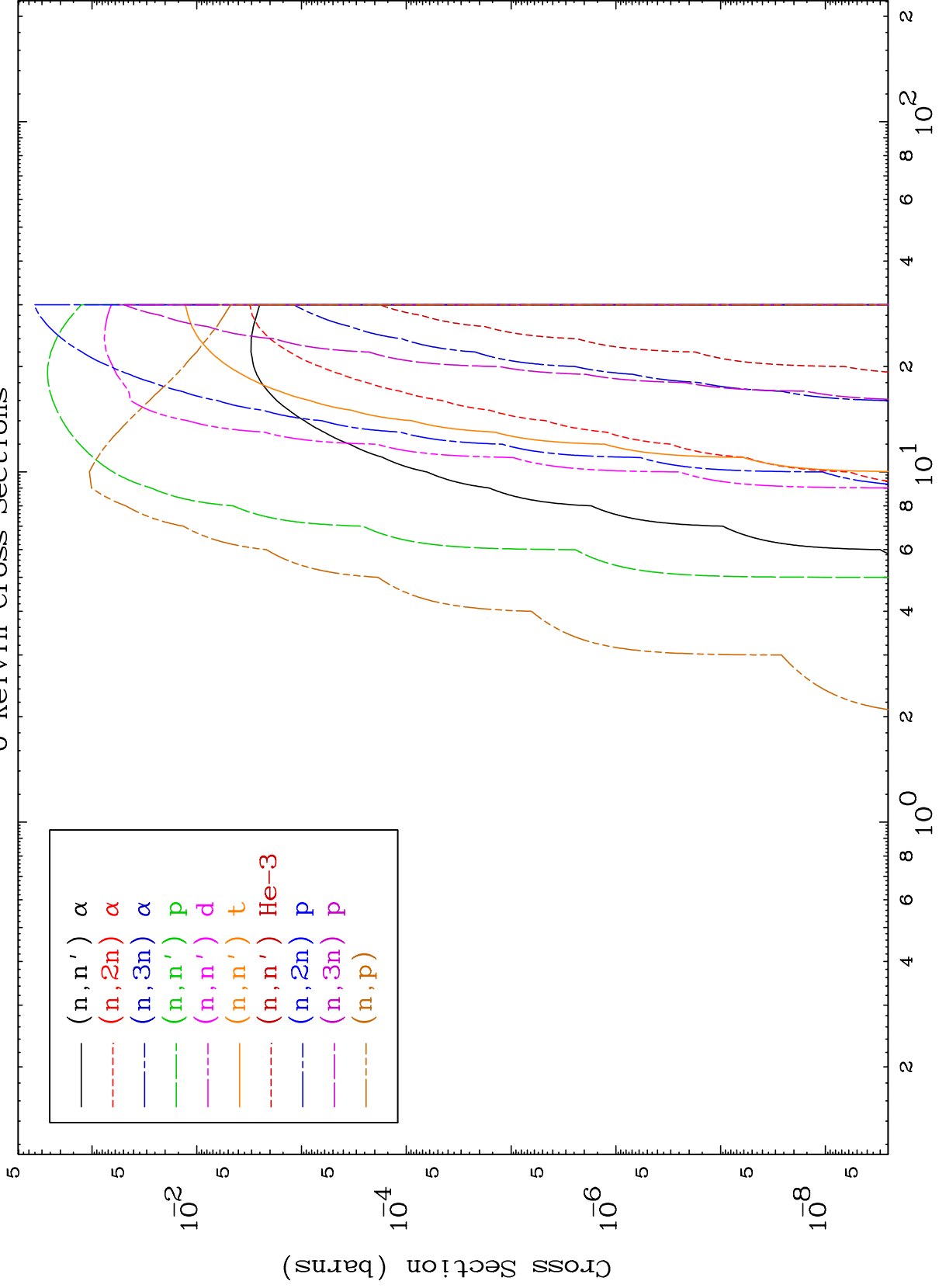


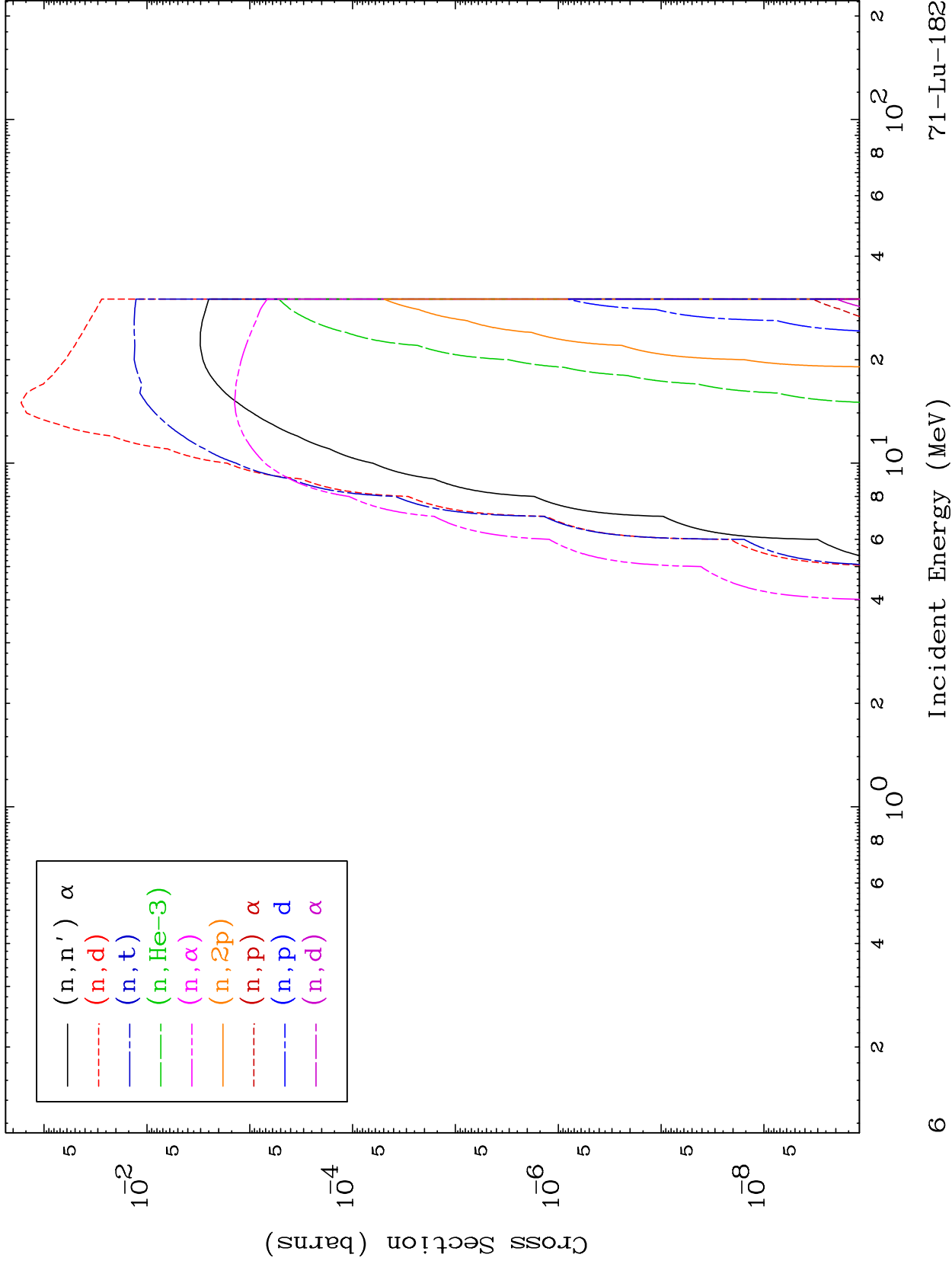
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Deuteron Neutron Absorption
0 Kelvin Cross Sections

71-Lu-182



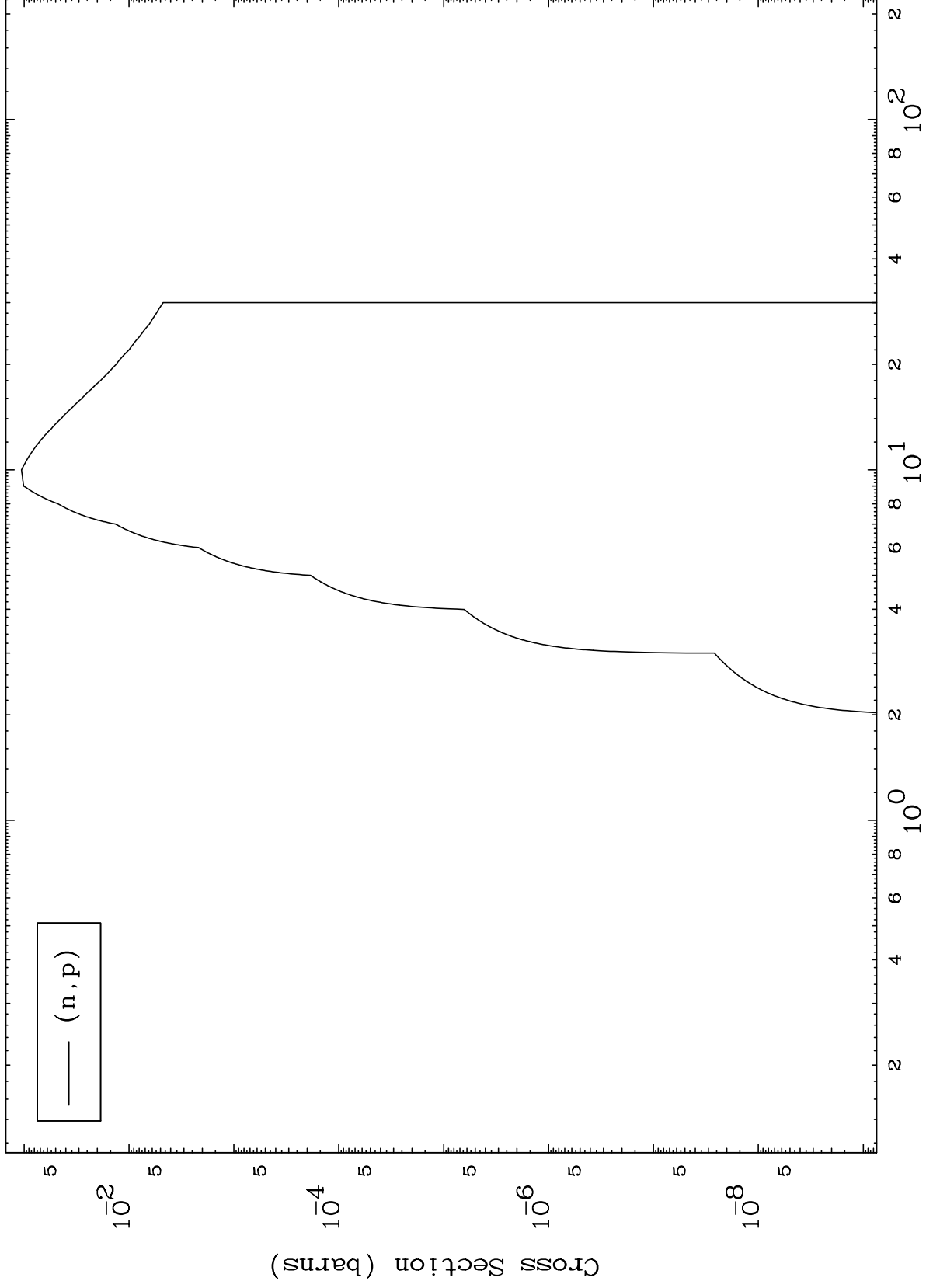




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(d,p) Levels
0 Kelvin Cross Sections

71-Lu-182



7

Incident Energy (MeV)

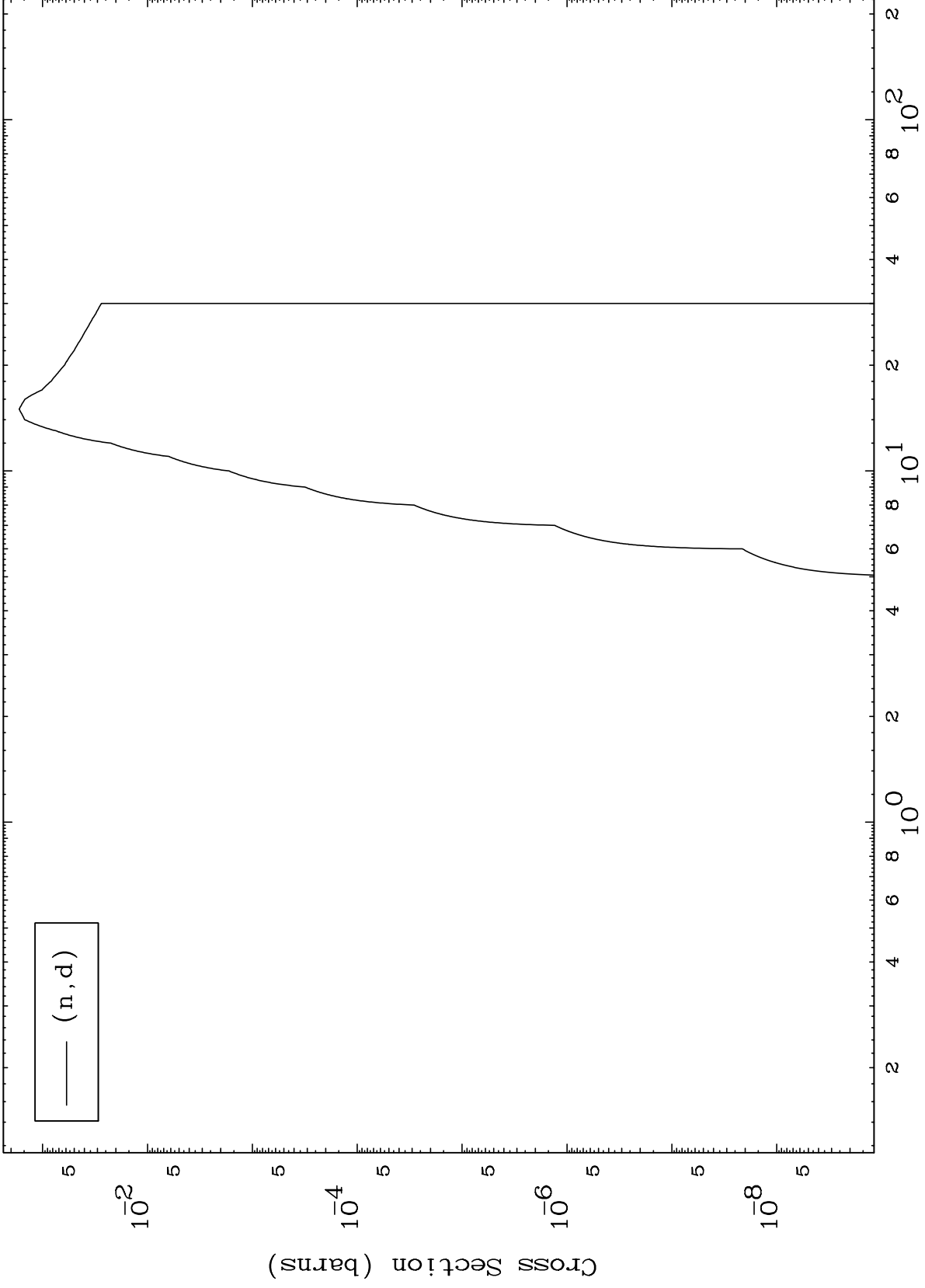
71-Lu-182

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(d,d) Levels

71-Lu-182

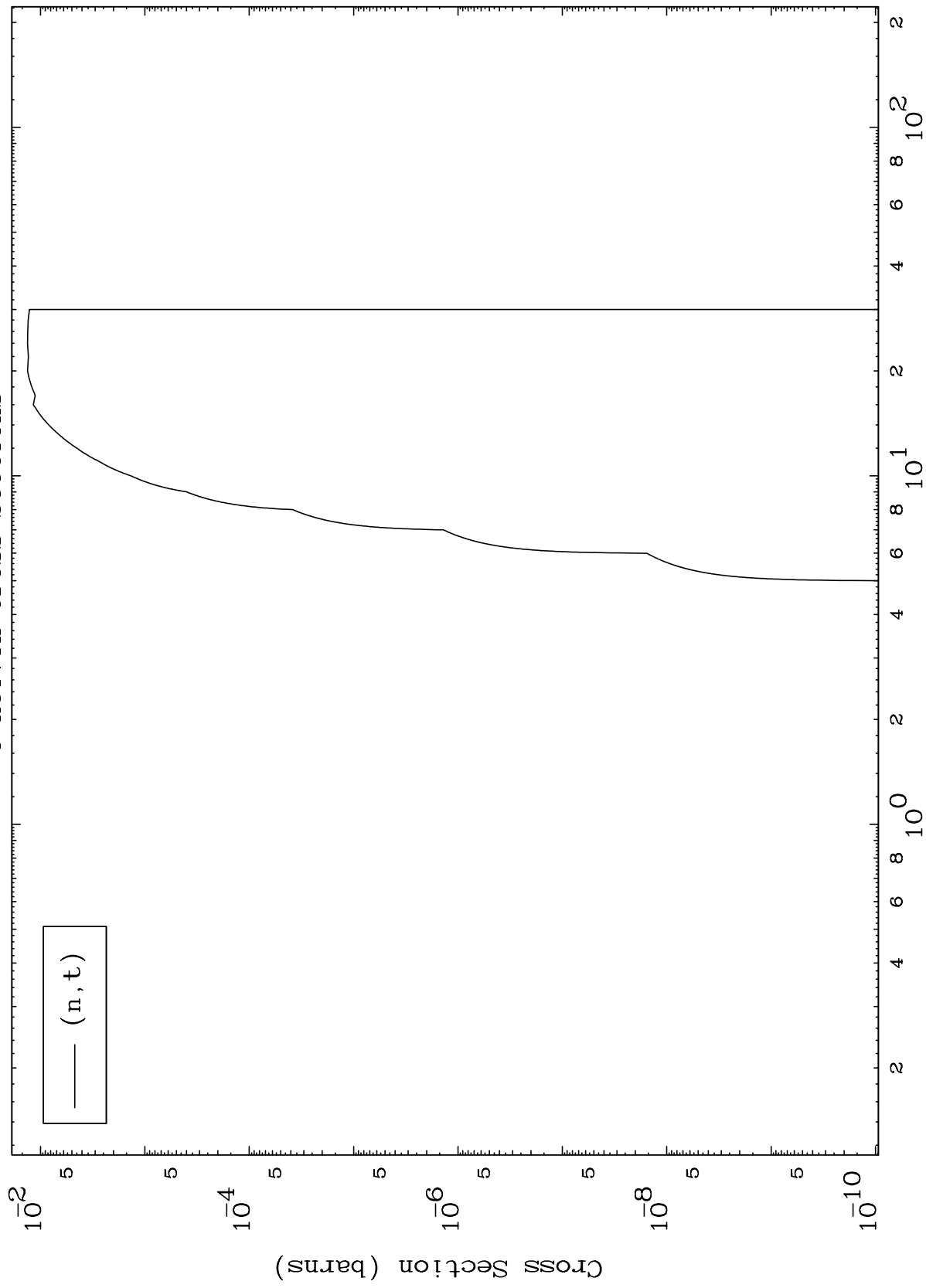
0 Kelvin Cross Sections



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71-Lu-182

(d,t) Levels
0 Kelvin Cross Sections



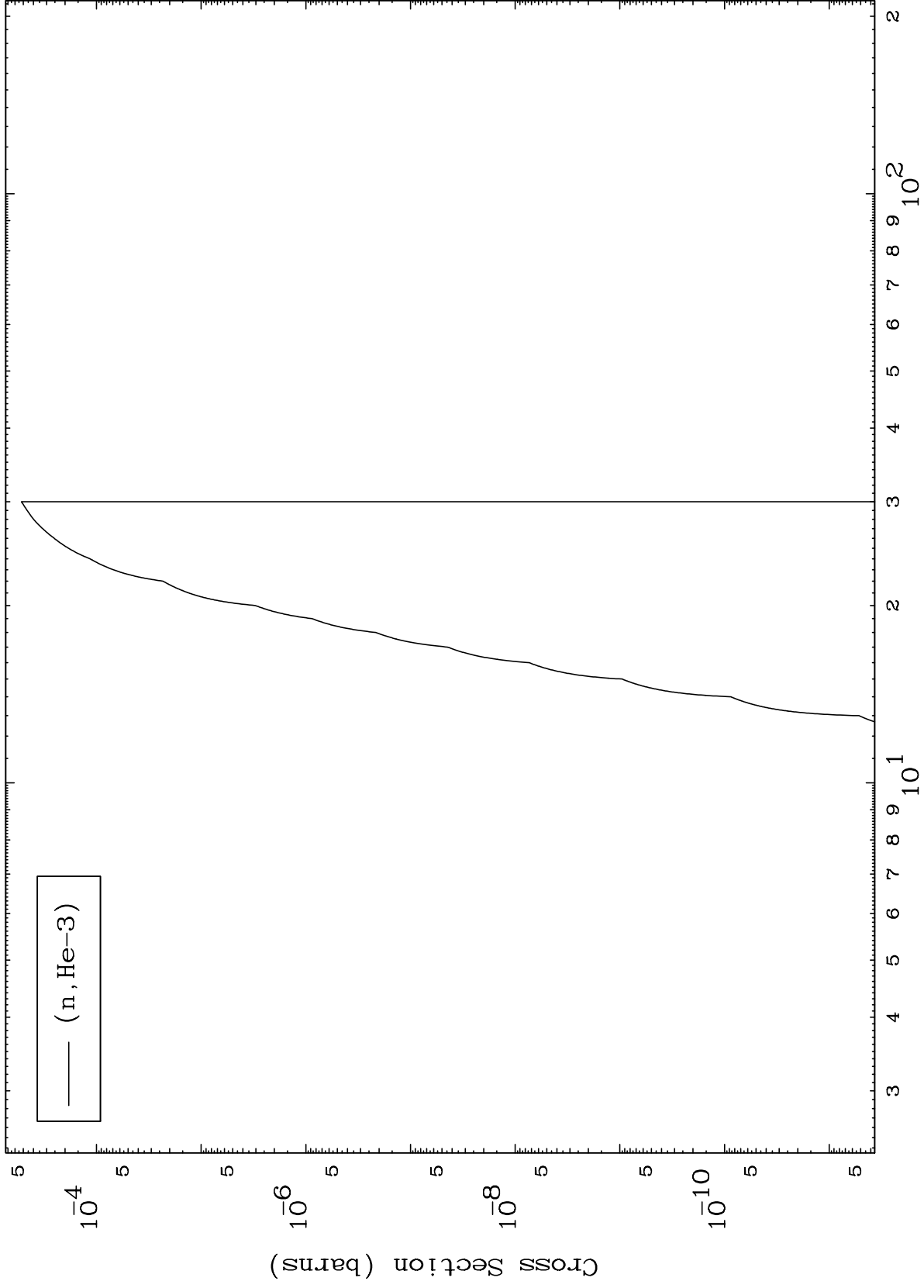
71-Lu-182

Incident Energy (MeV)

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(d,He3) Levels
0 Kelvin Cross Sections

71-Lu-182



10

Incident Energy (MeV)

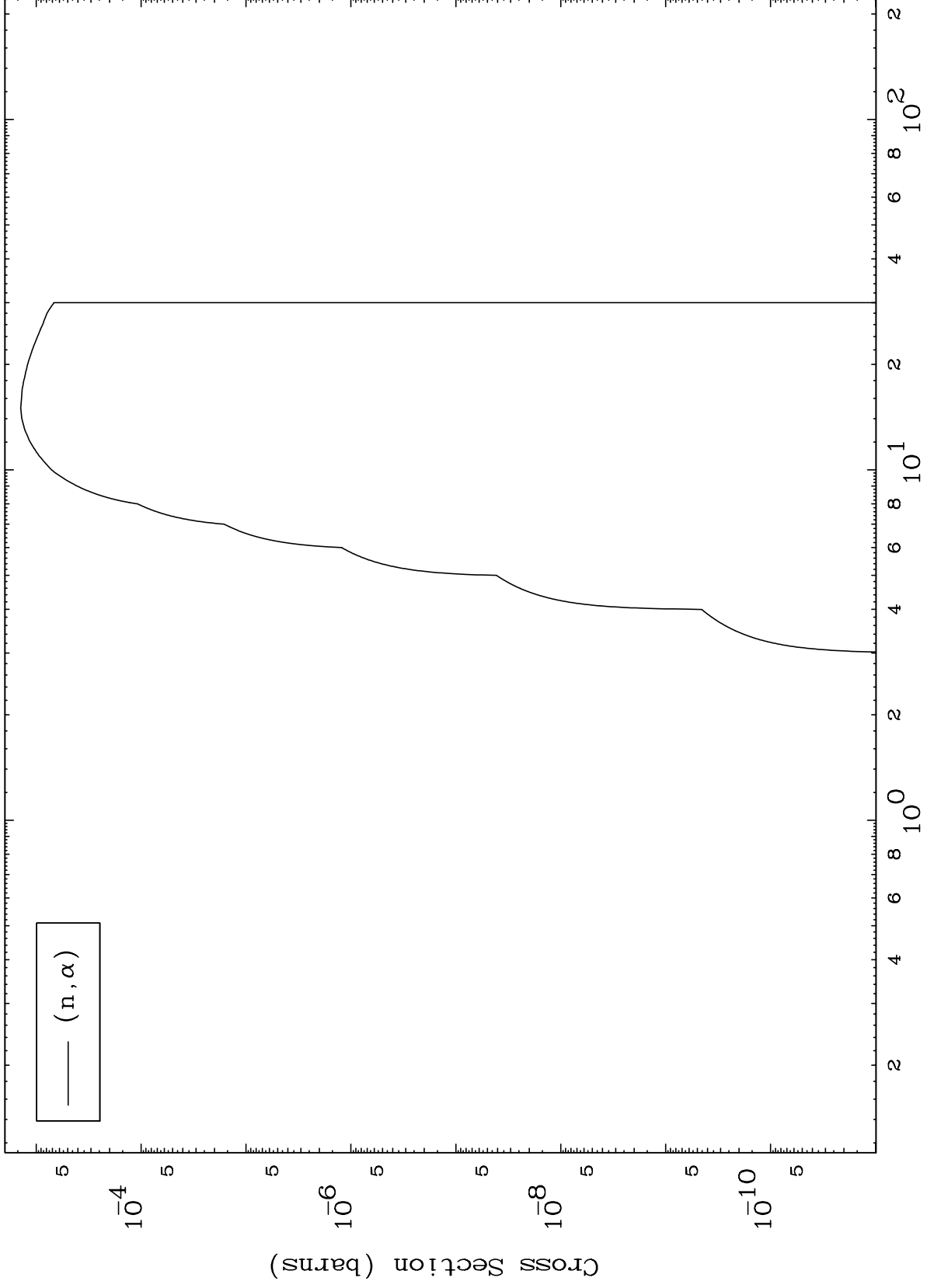
71-Lu-182

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(d, α) Levels

71-Lu-182

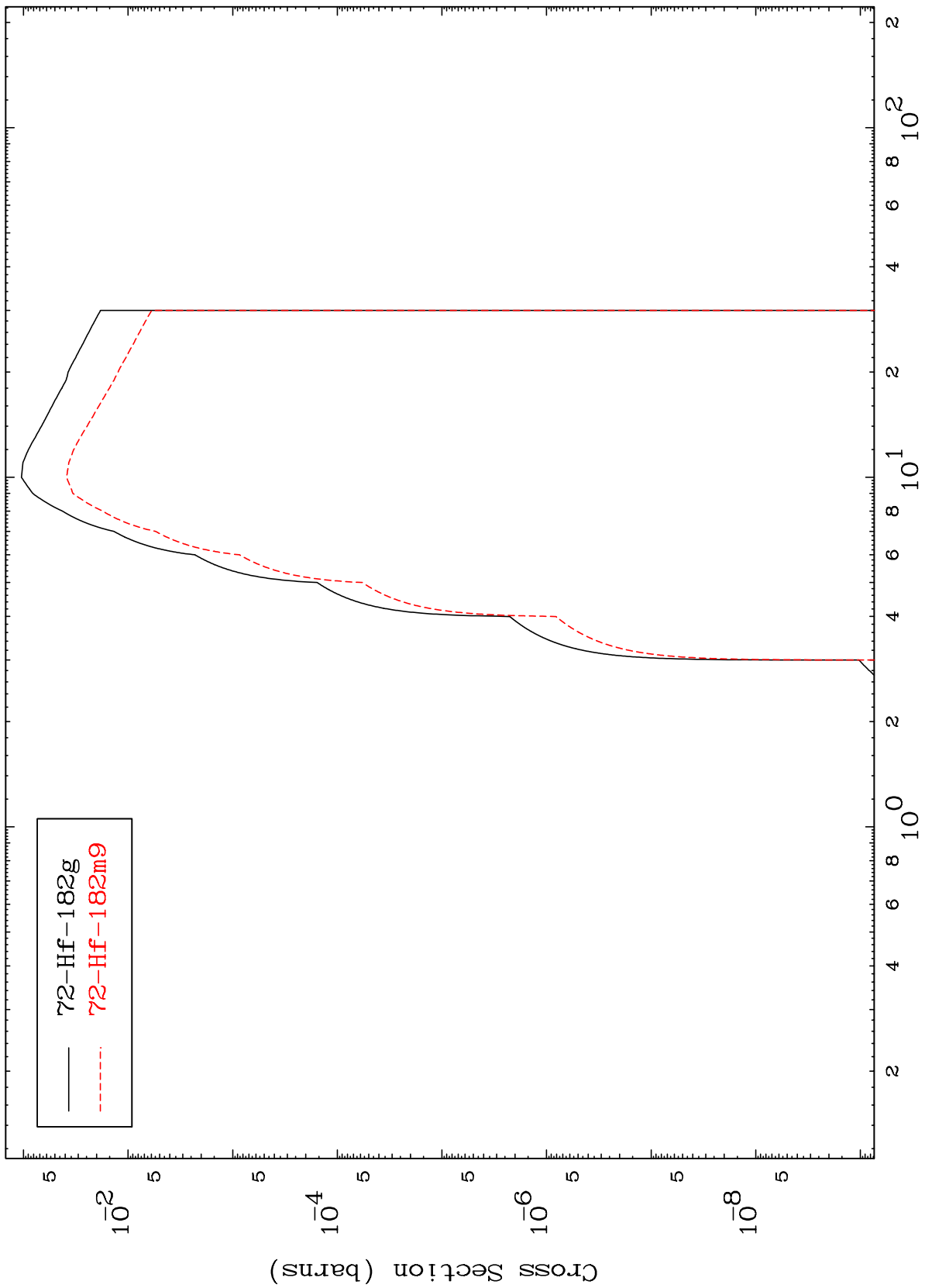
0 Kelvin Cross Sections



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71-Lu-182

Radionuclide Production Cross Section



12

Incident Energy (MeV)

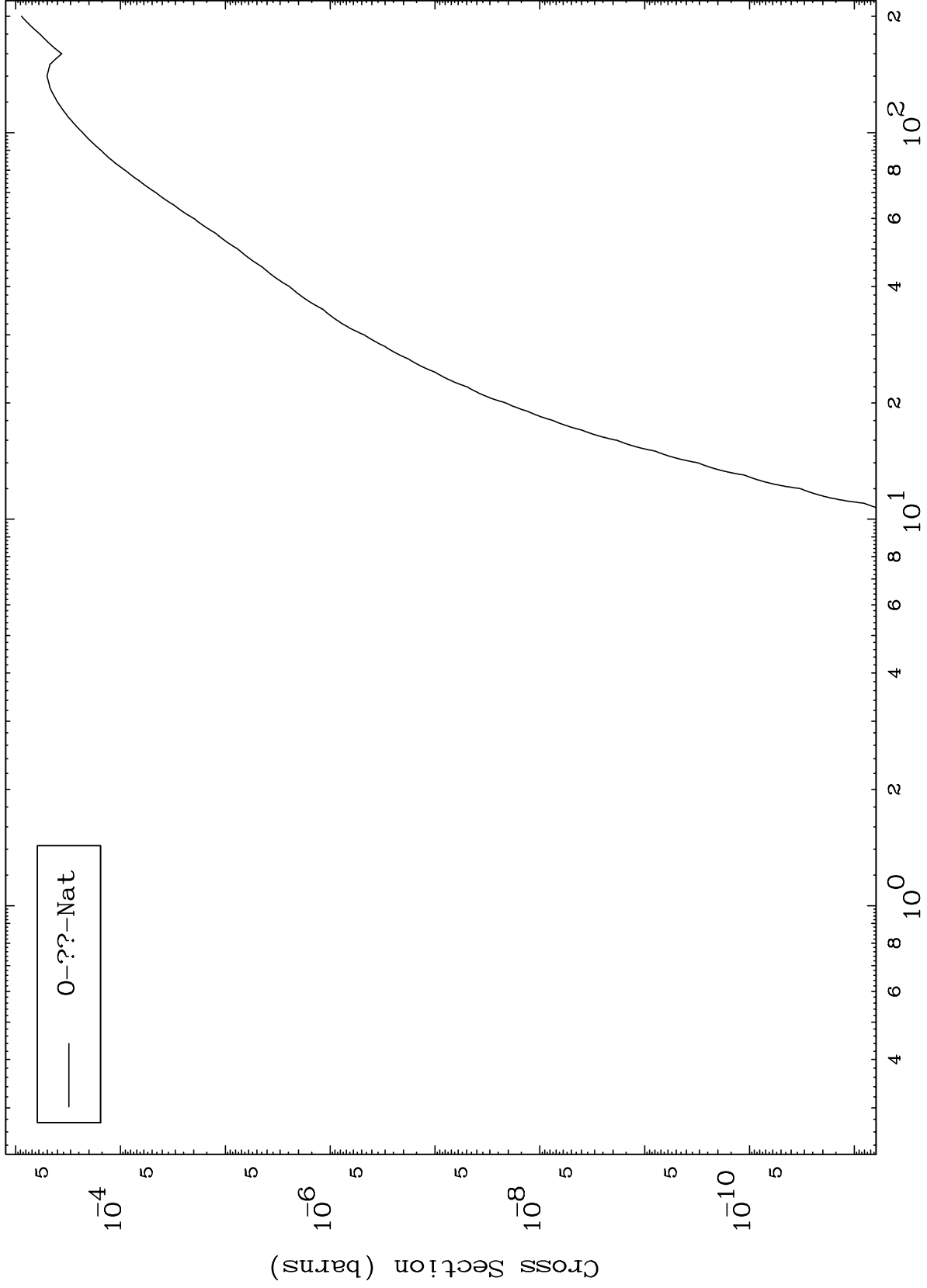
71-Lu-182

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Fission

⁷¹Lu-182

Radionuclide Production Cross Section



13

Incident Energy (MeV)

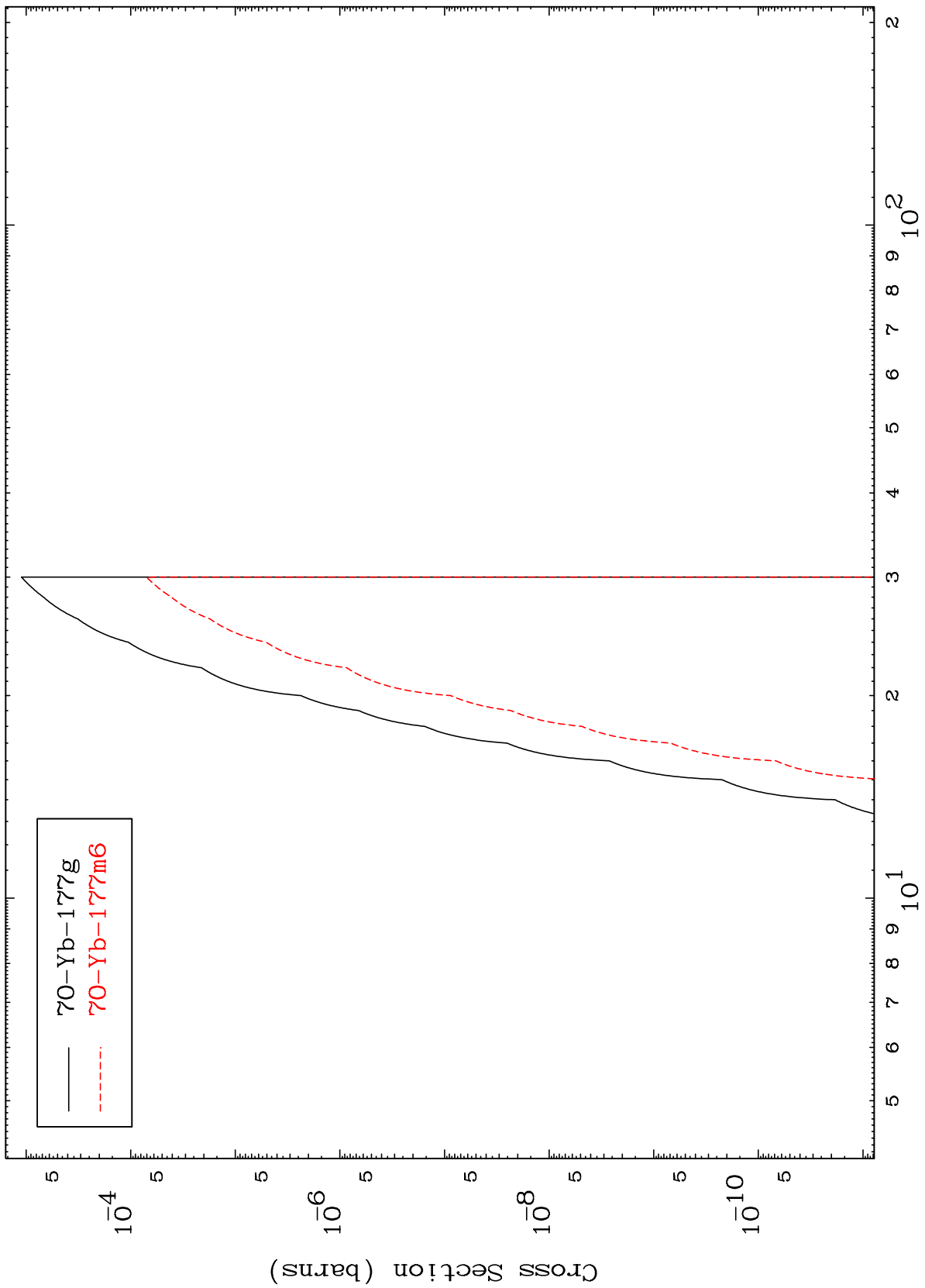
⁷¹Lu-182

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$(n,3n) \alpha$

$^{71}\text{Lu-182}$

Radionuclide Production Cross Section

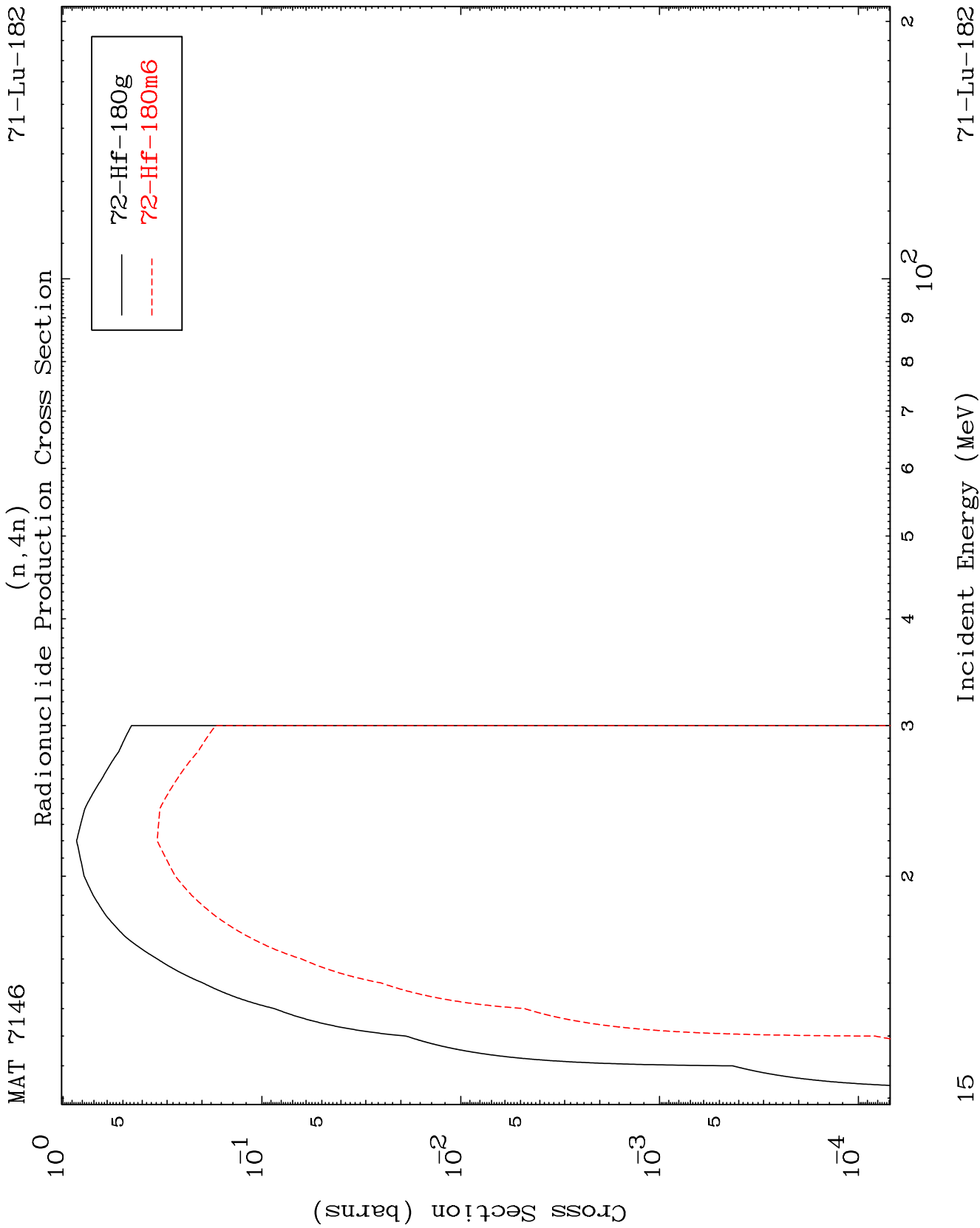


— $^{70}\text{Yb-177g}$
- - - $^{70}\text{Yb-177m6}$

14

Incident Energy (MeV)

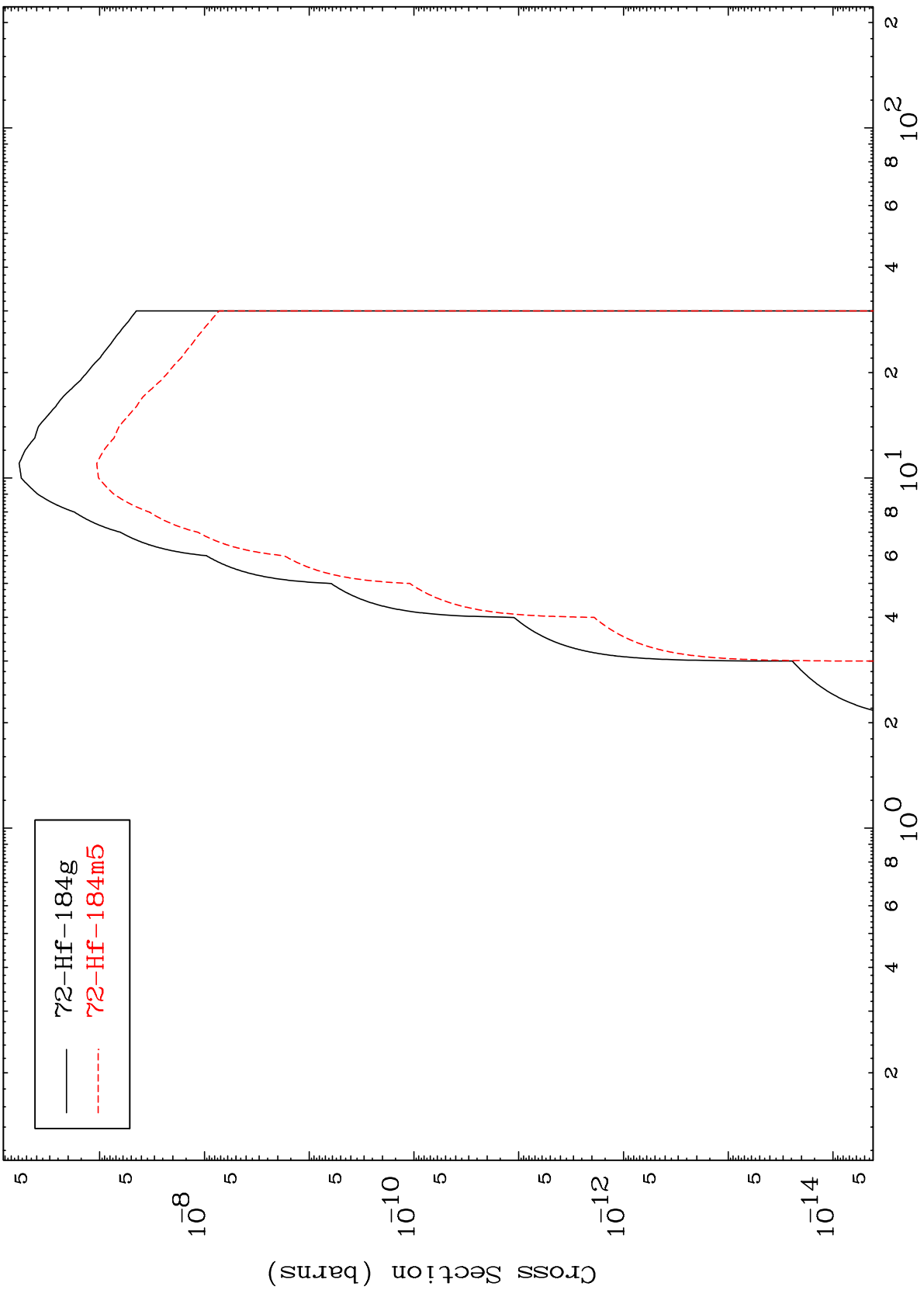
$^{71}\text{Lu-182}$



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71-Lu-182

(n, γ)
Radionuclide Production Cross Section



16

71-Lu-182

Incident Energy (MeV)