

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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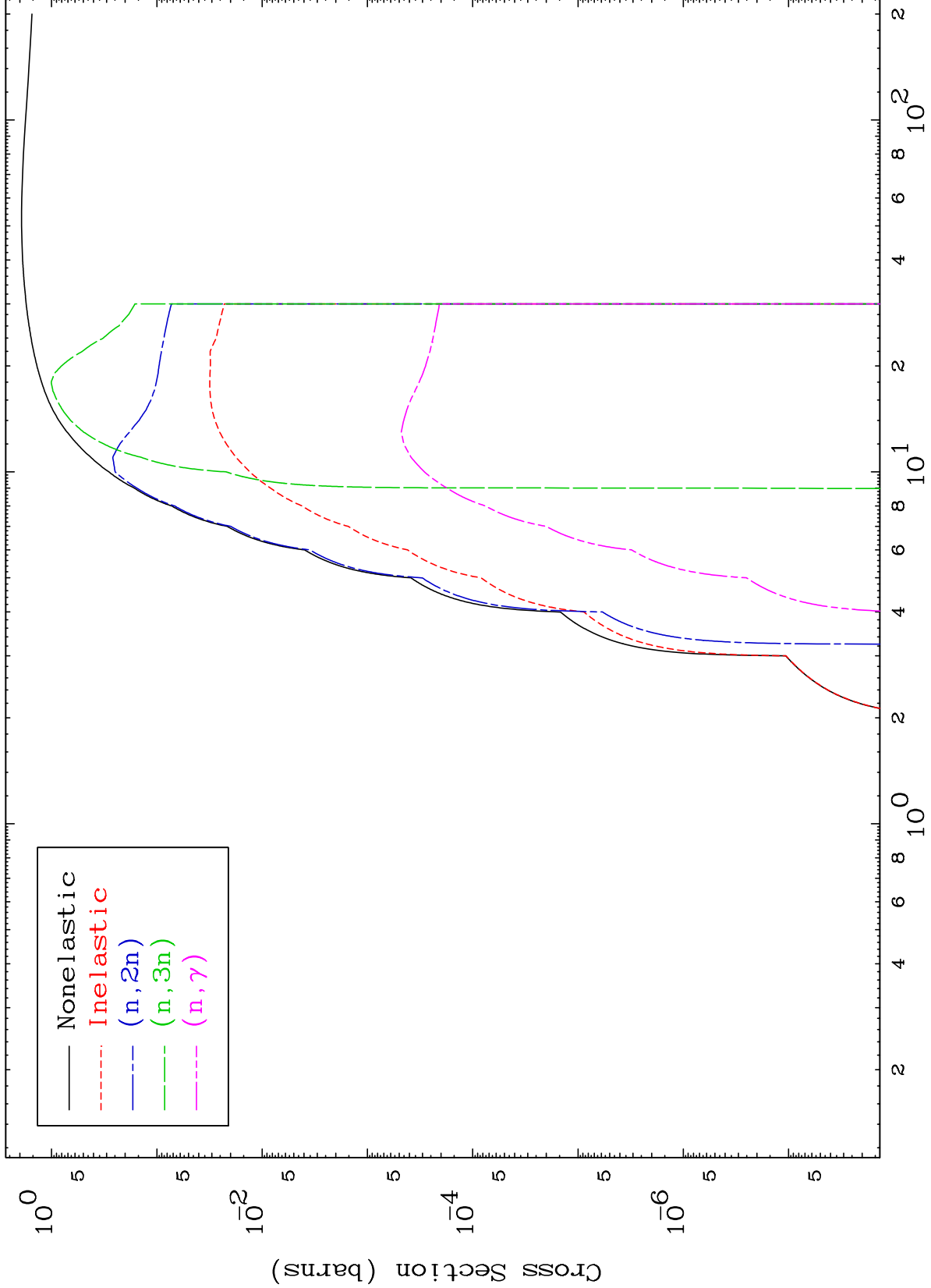
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

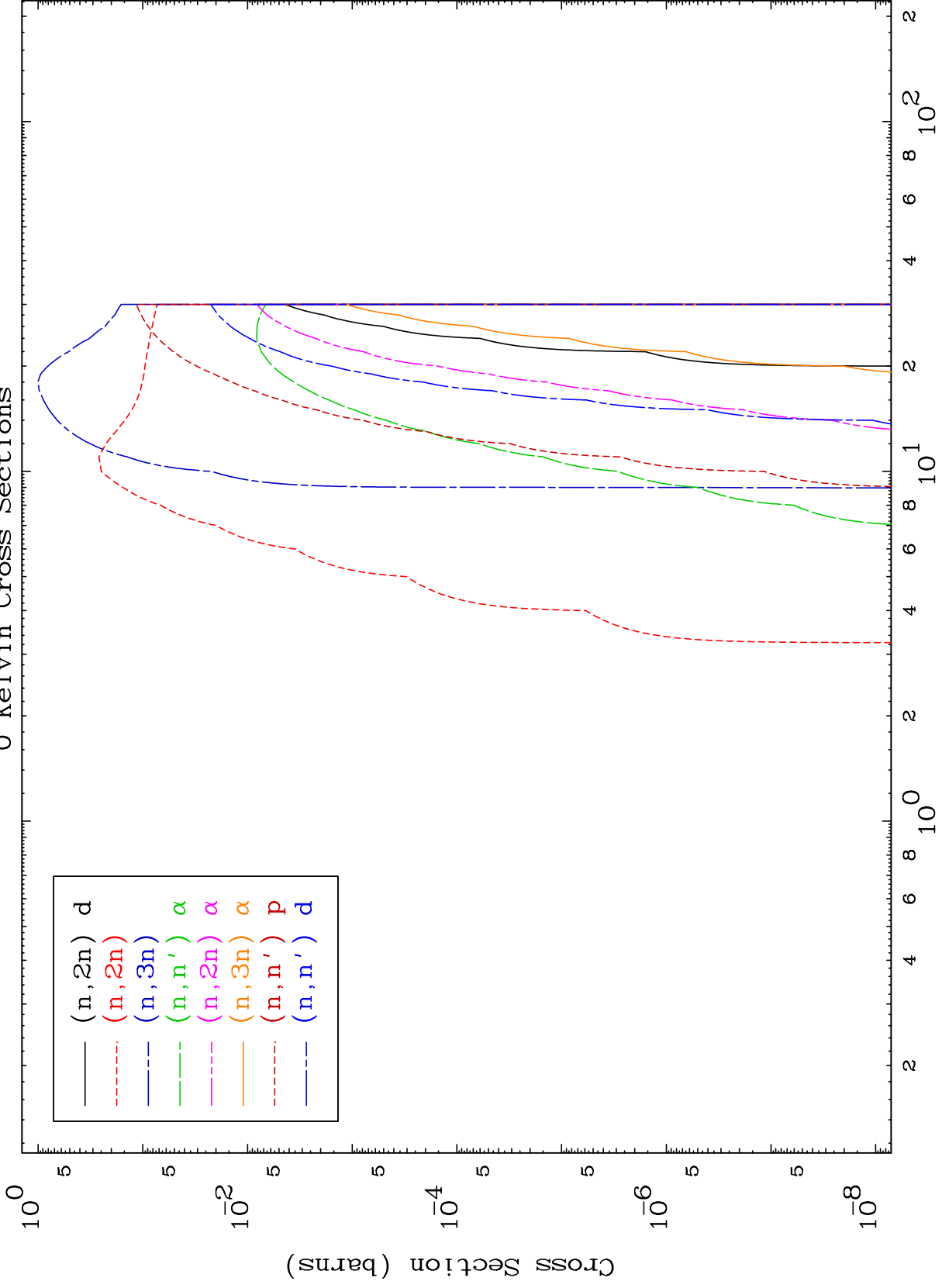
0 Kelvin Cross Sections



MAT 7146

Proton Neutron Absorption
0 Kelvin Cross Sections

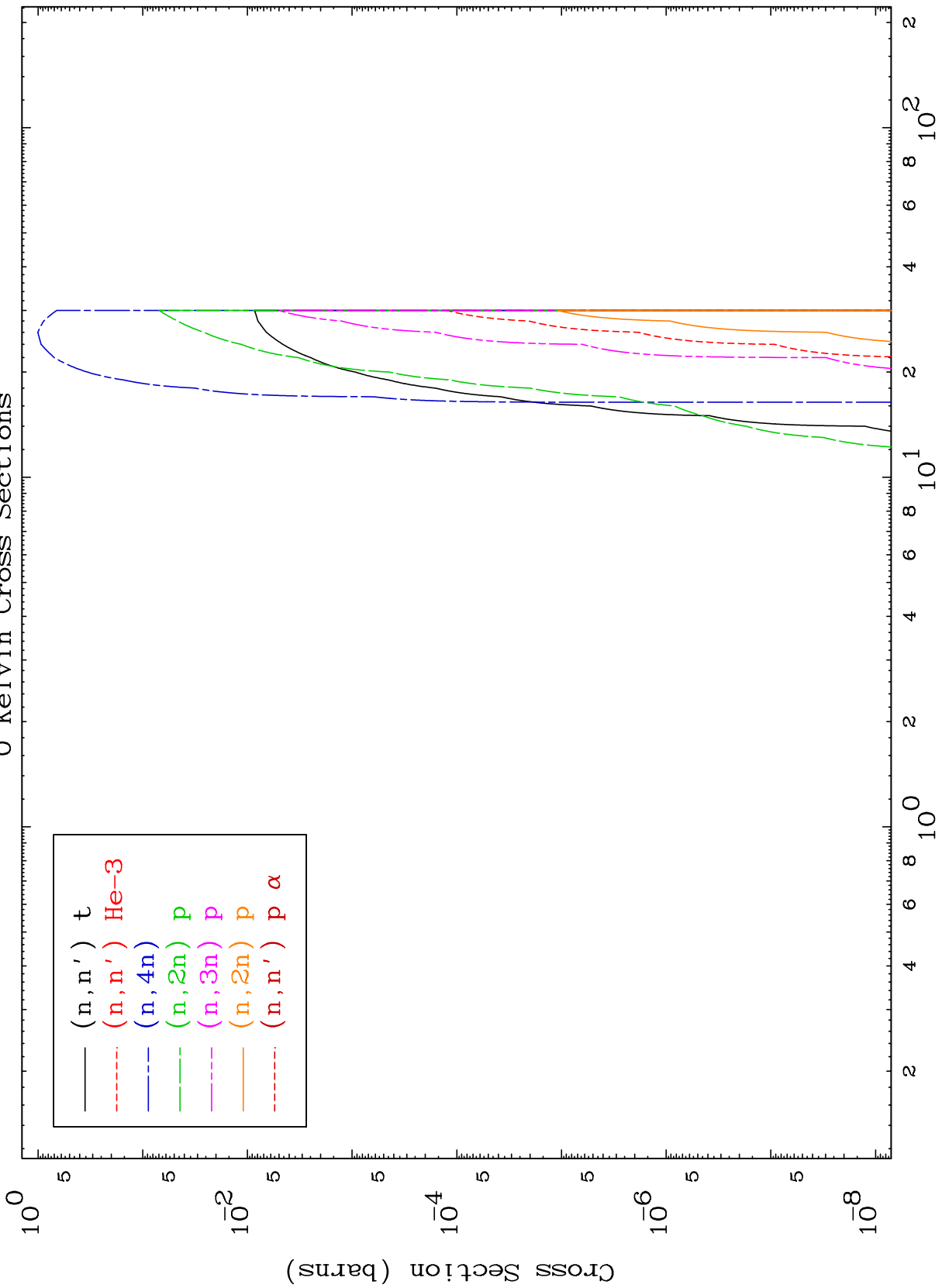
⁷¹Lu-182



MAT 7146

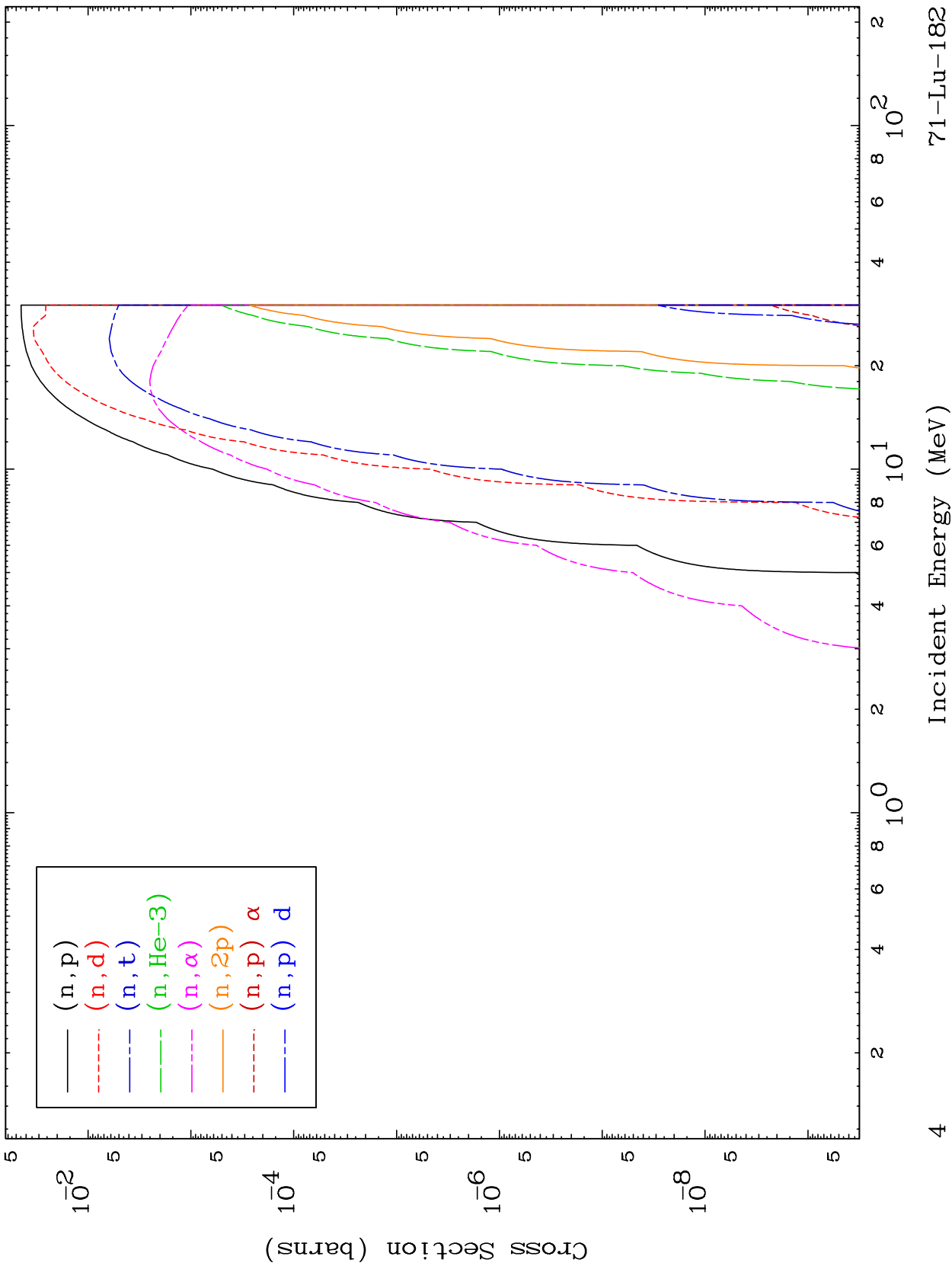
Proton Neutron Absorption
0 Kelvin Cross Sections

71-Lu-182



71-Lu-182

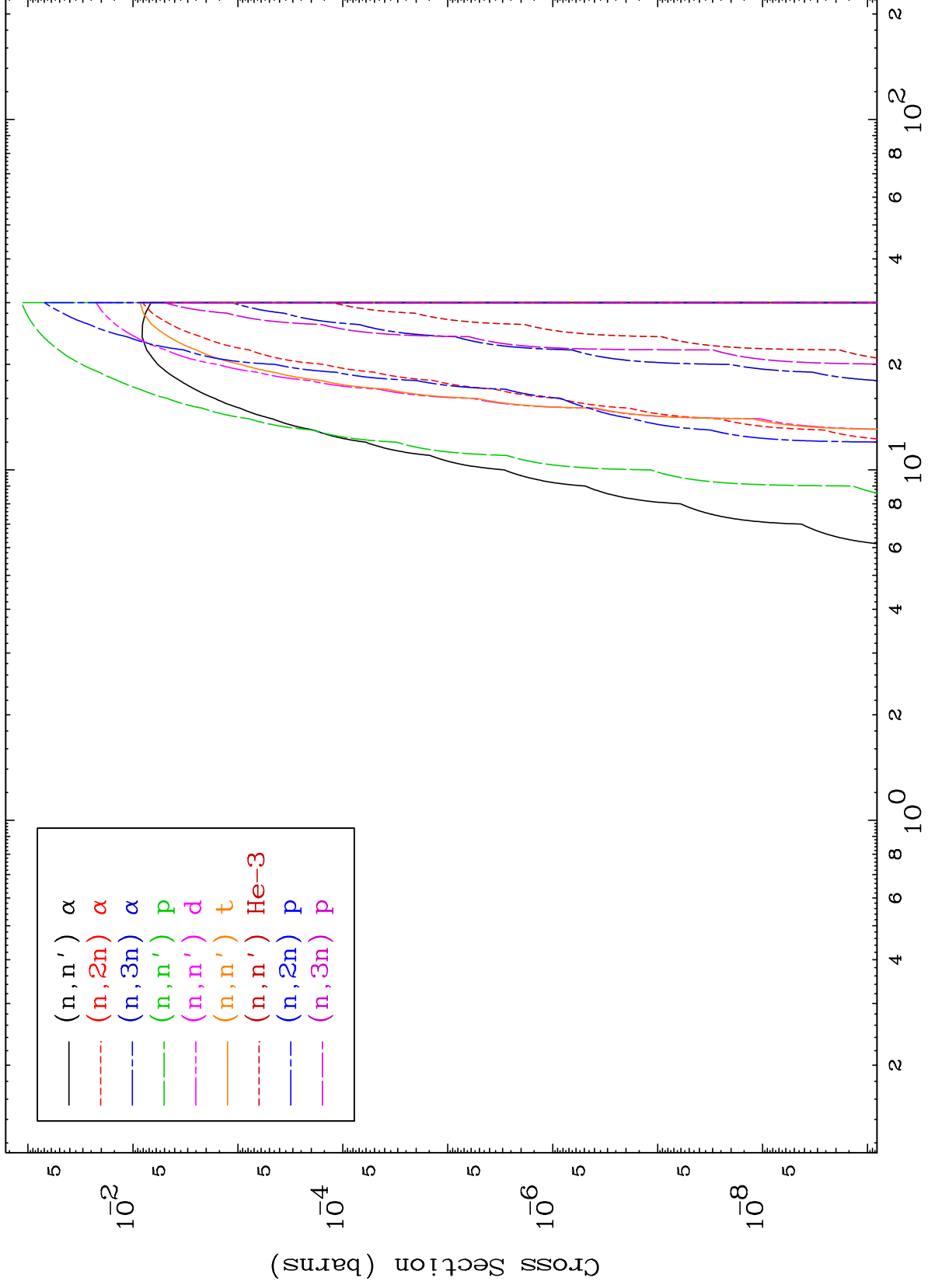
Incident Energy (MeV)

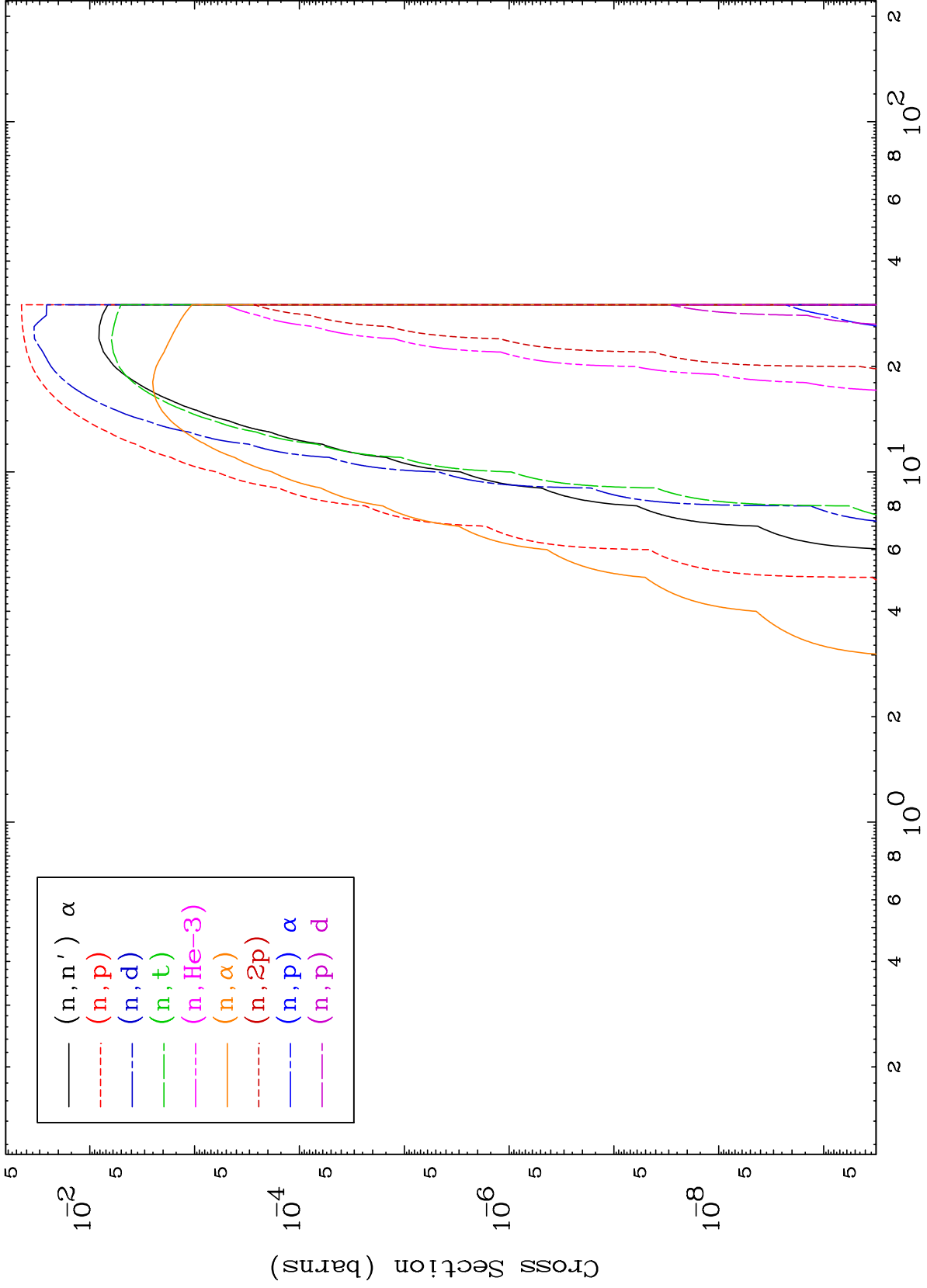


MAT 7146

Proton Charged Particle
0 Kelvin Cross Sections

71-Lu-182



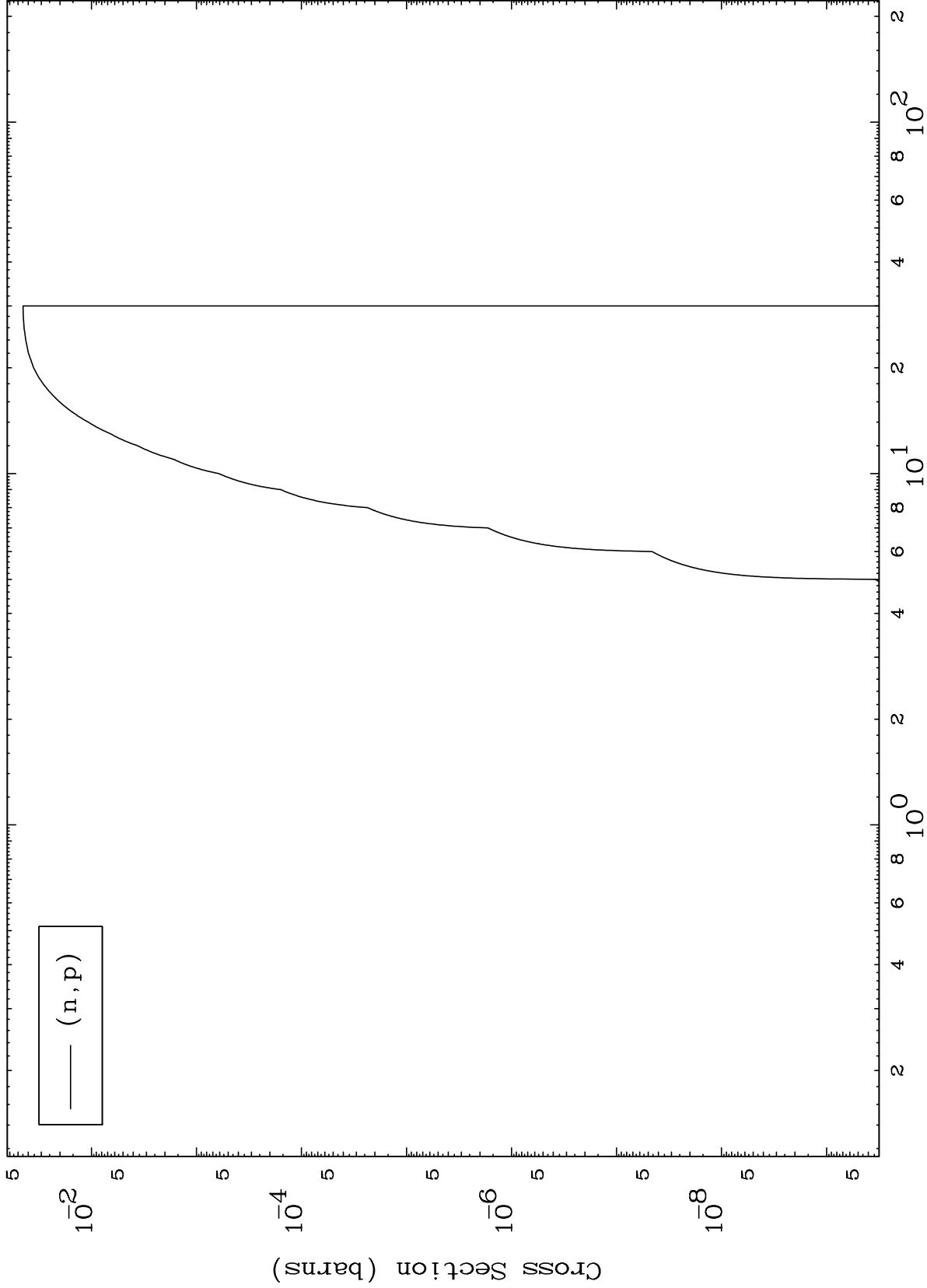


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(p,p) Levels

71-Lu-182

0 Kelvin Cross Sections



7

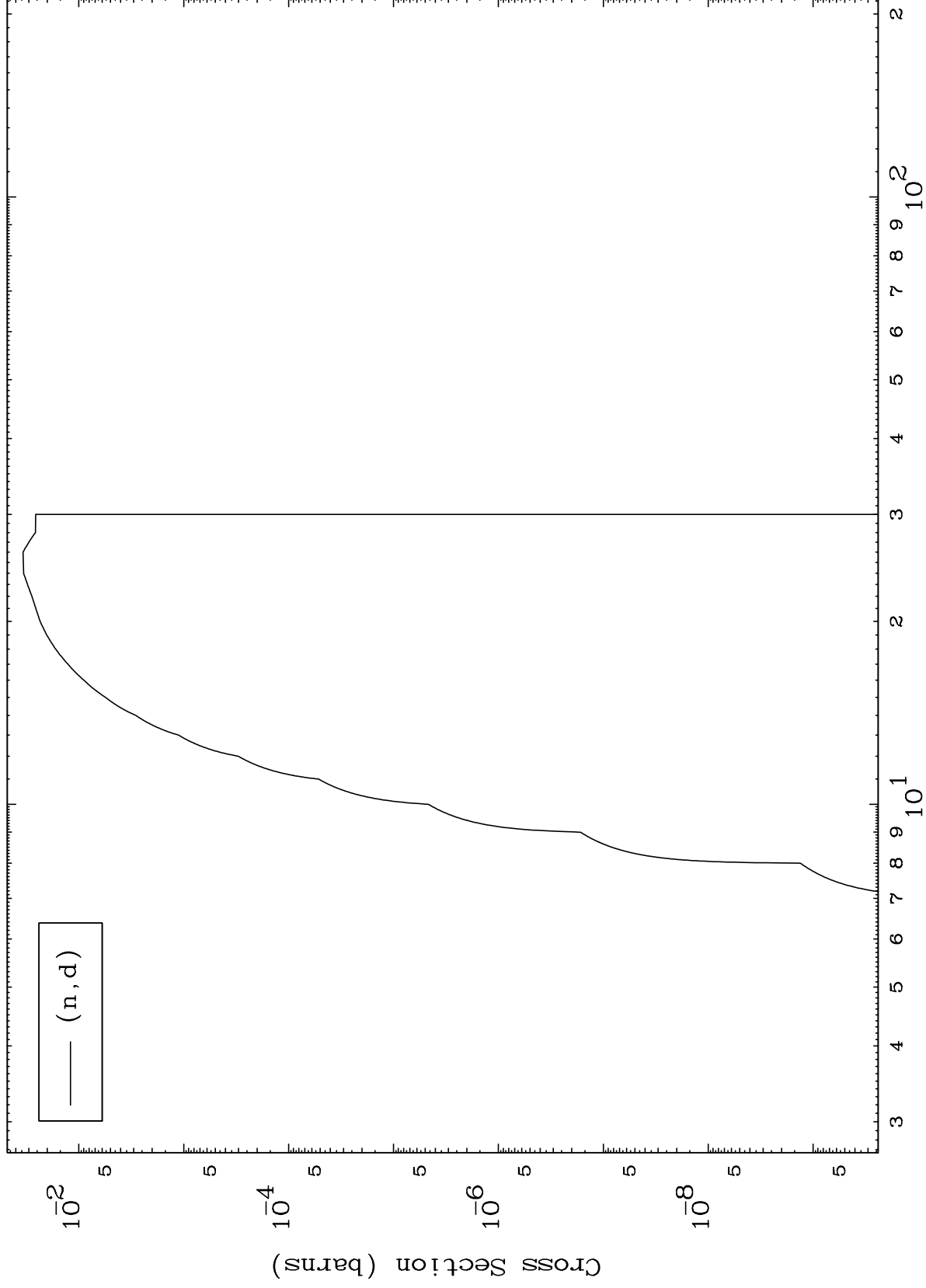
Incident Energy (MeV)

71-Lu-182

MAT 7146

(p,d) Levels
0 Kelvin Cross Sections

71-Lu-182



8

Incident Energy (MeV)

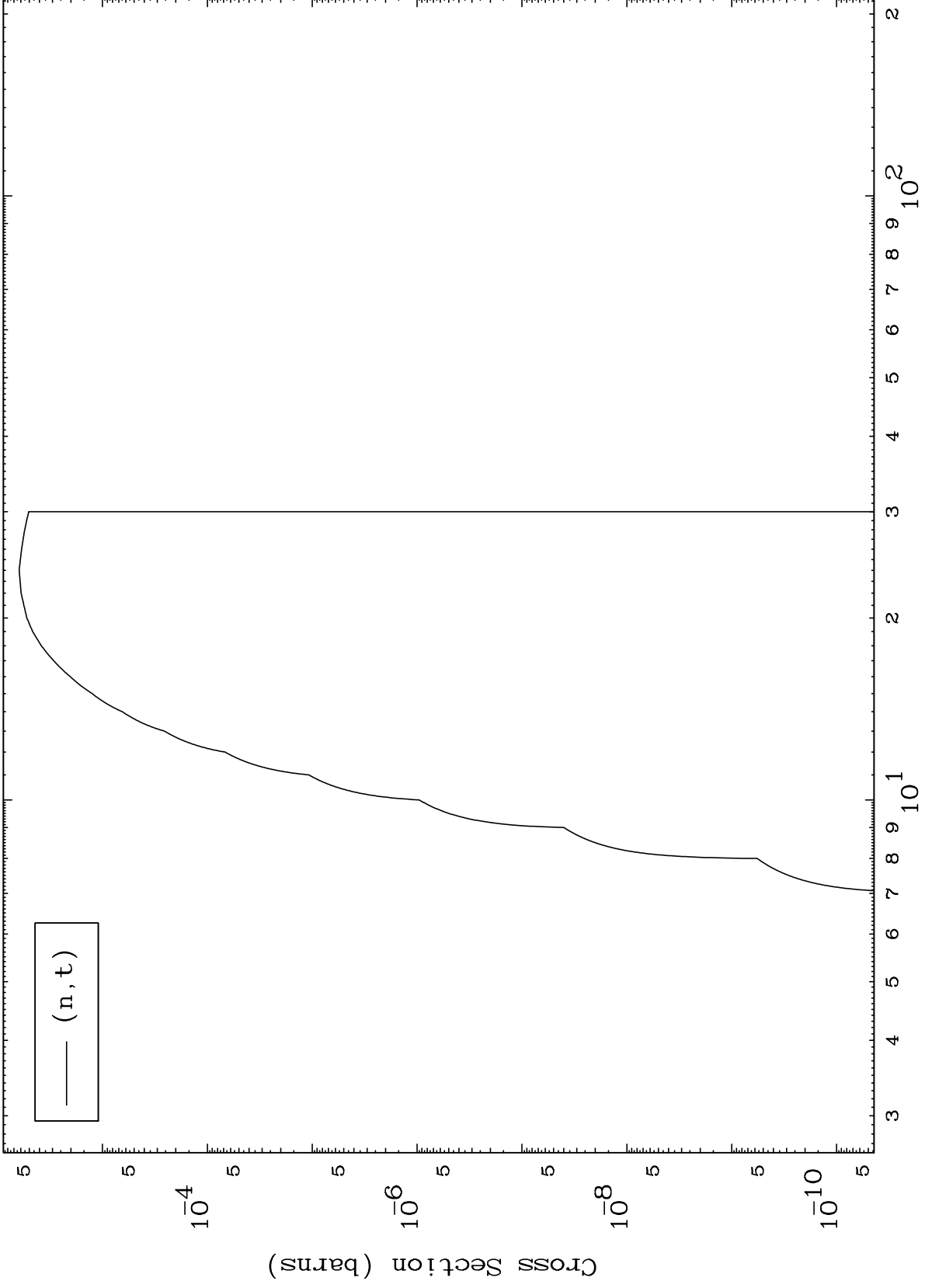
71-Lu-182

MAT 7146

(p, t) Levels

71-Lu-182

0 Kelvin Cross Sections



9

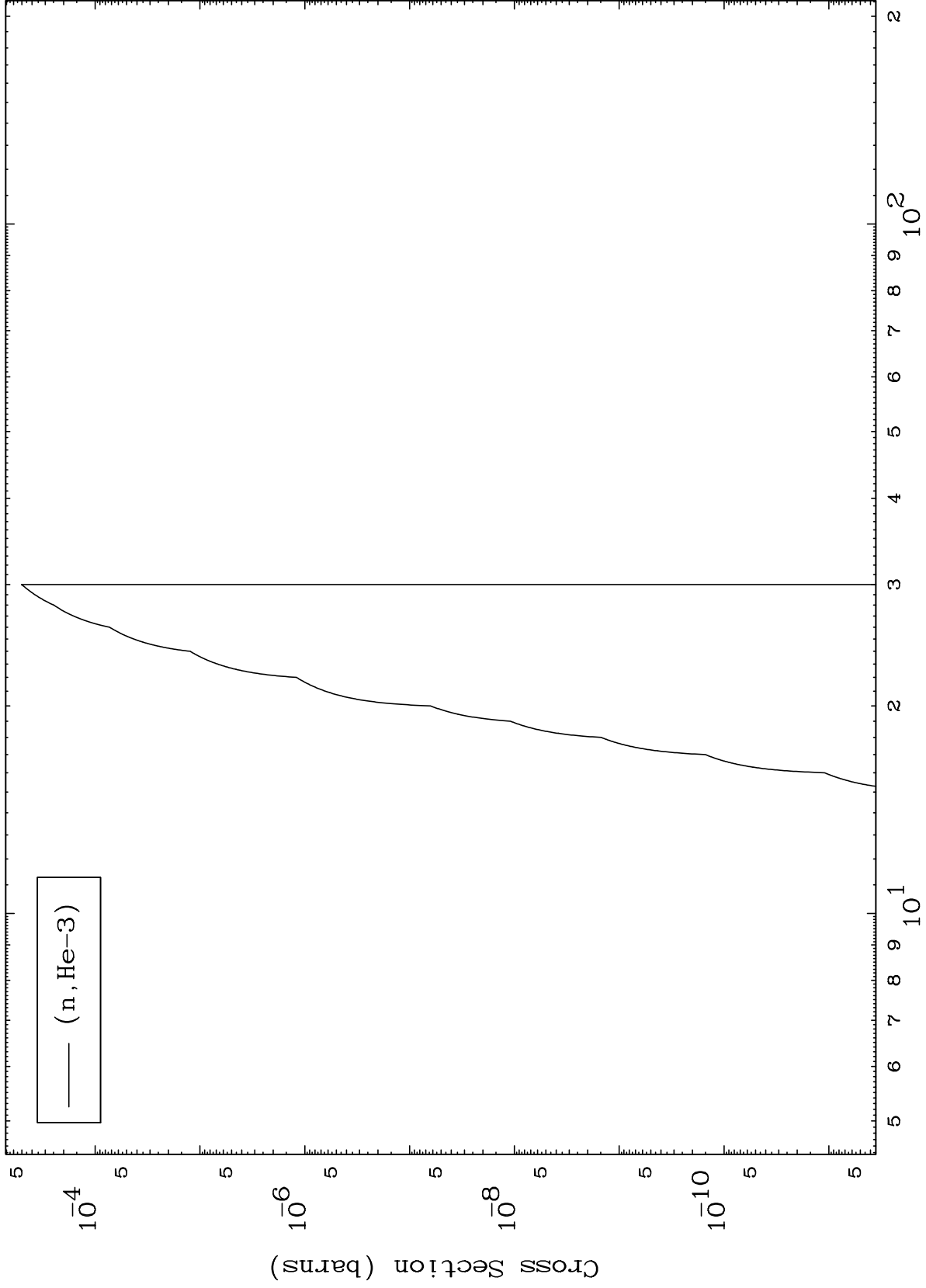
Incident Energy (MeV)

71-Lu-182

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(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-182



10

Incident Energy (MeV)

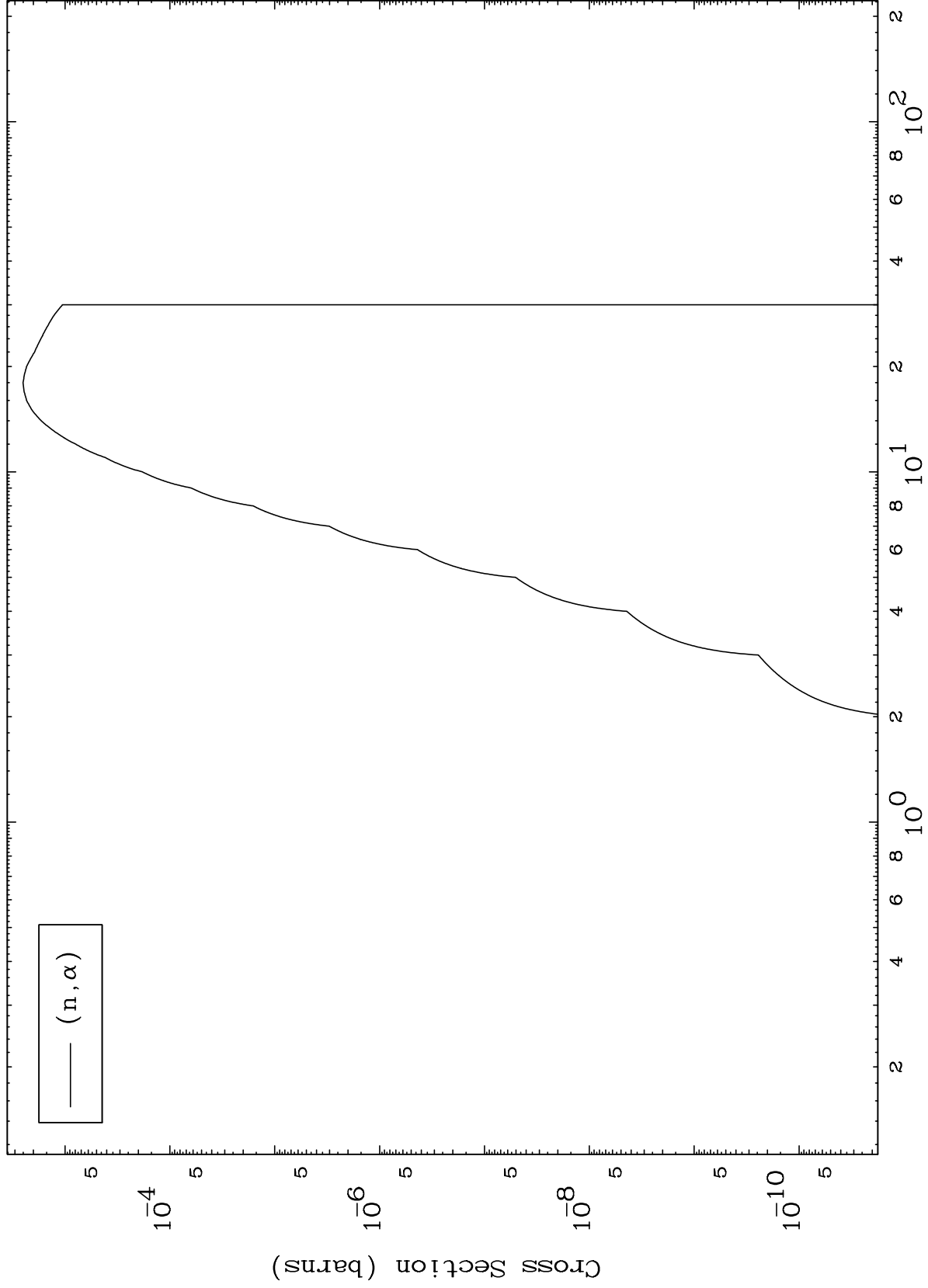
71-Lu-182

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(p, α) Levels

71-Lu-182

0 Kelvin Cross Sections



11

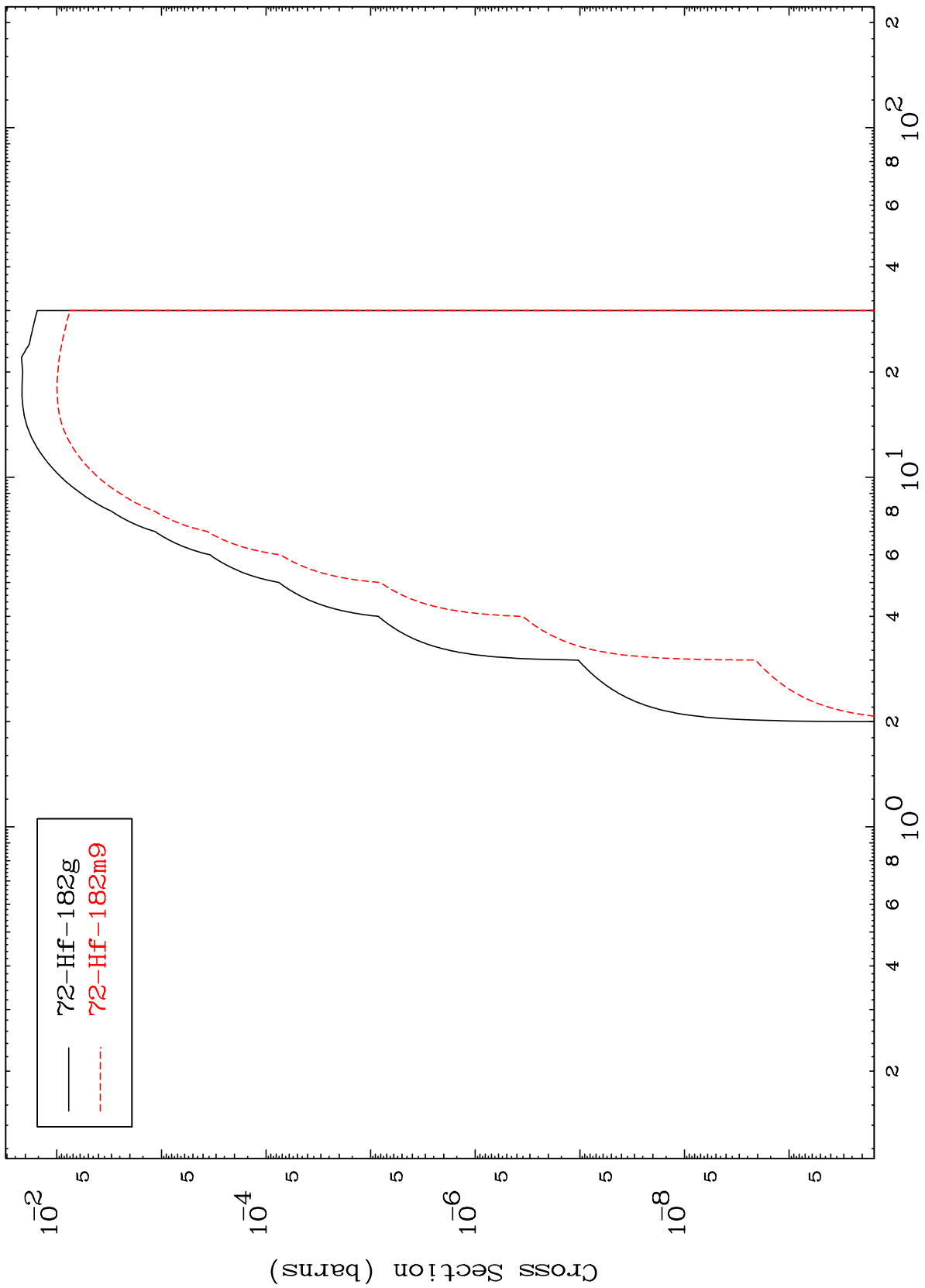
Incident Energy (MeV)

71-Lu-182

MAT 7146

71-Lu-182

Inelastic
Radionuclide Production Cross Section



12

71-Lu-182

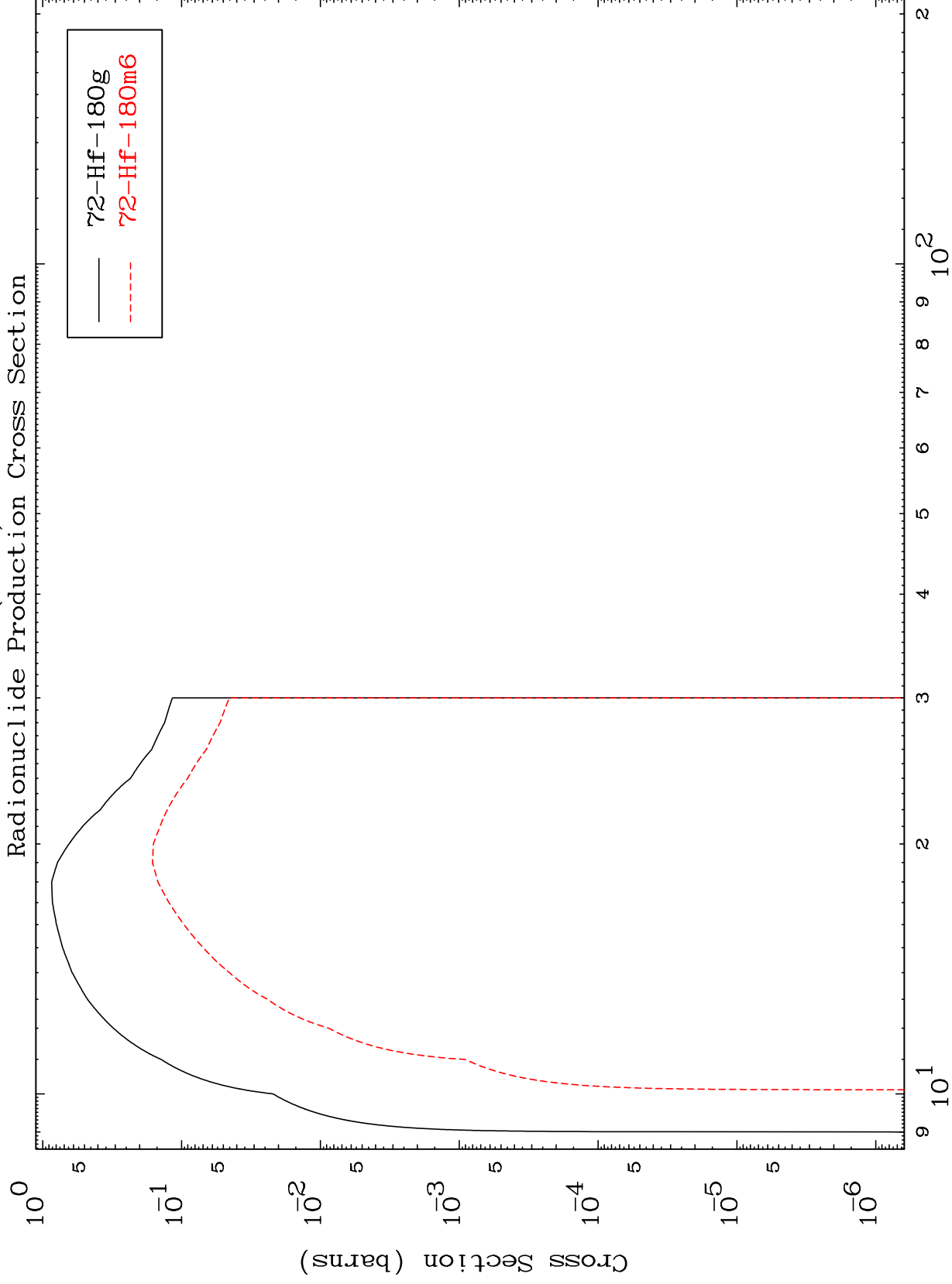
Incident Energy (MeV)

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(n,3n)

71-Lu-182

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-182

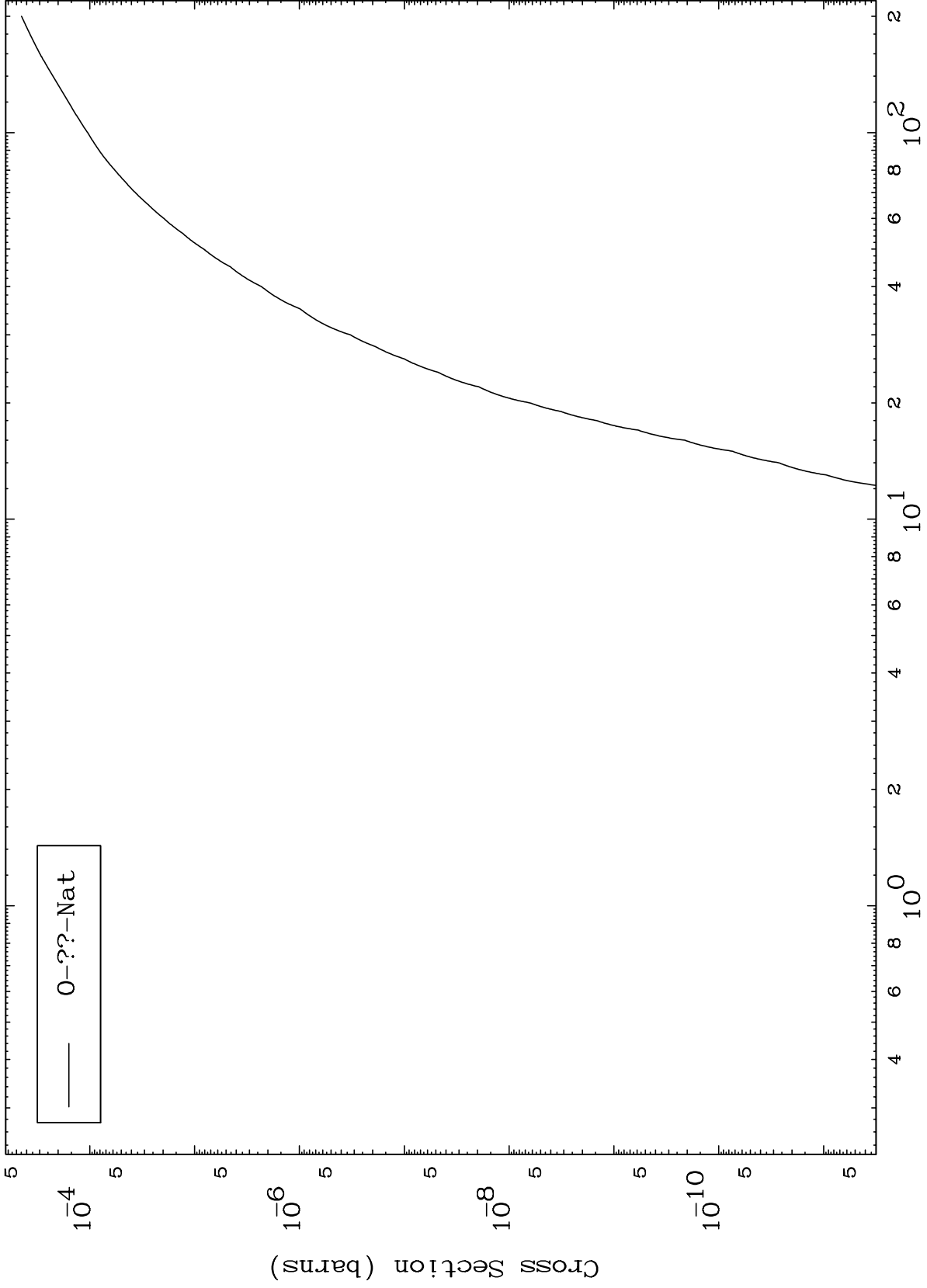
13

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Fission

⁷¹Lu-182

Radionuclide Production Cross Section



14

Incident Energy (MeV)

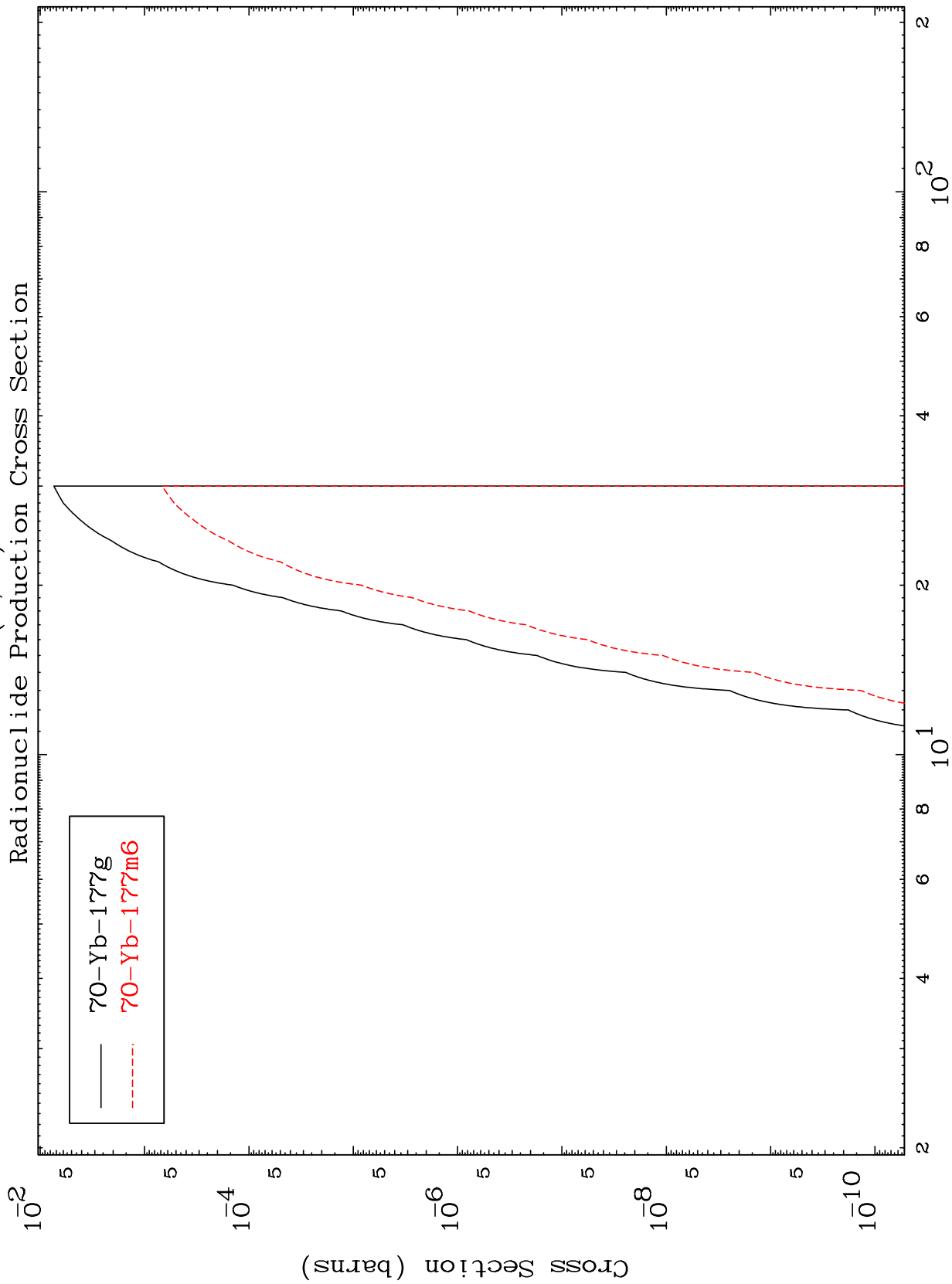
⁷¹Lu-182

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$(n,2n) \alpha$

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

Radionuclide Production Cross Section



Incident Energy (MeV)

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

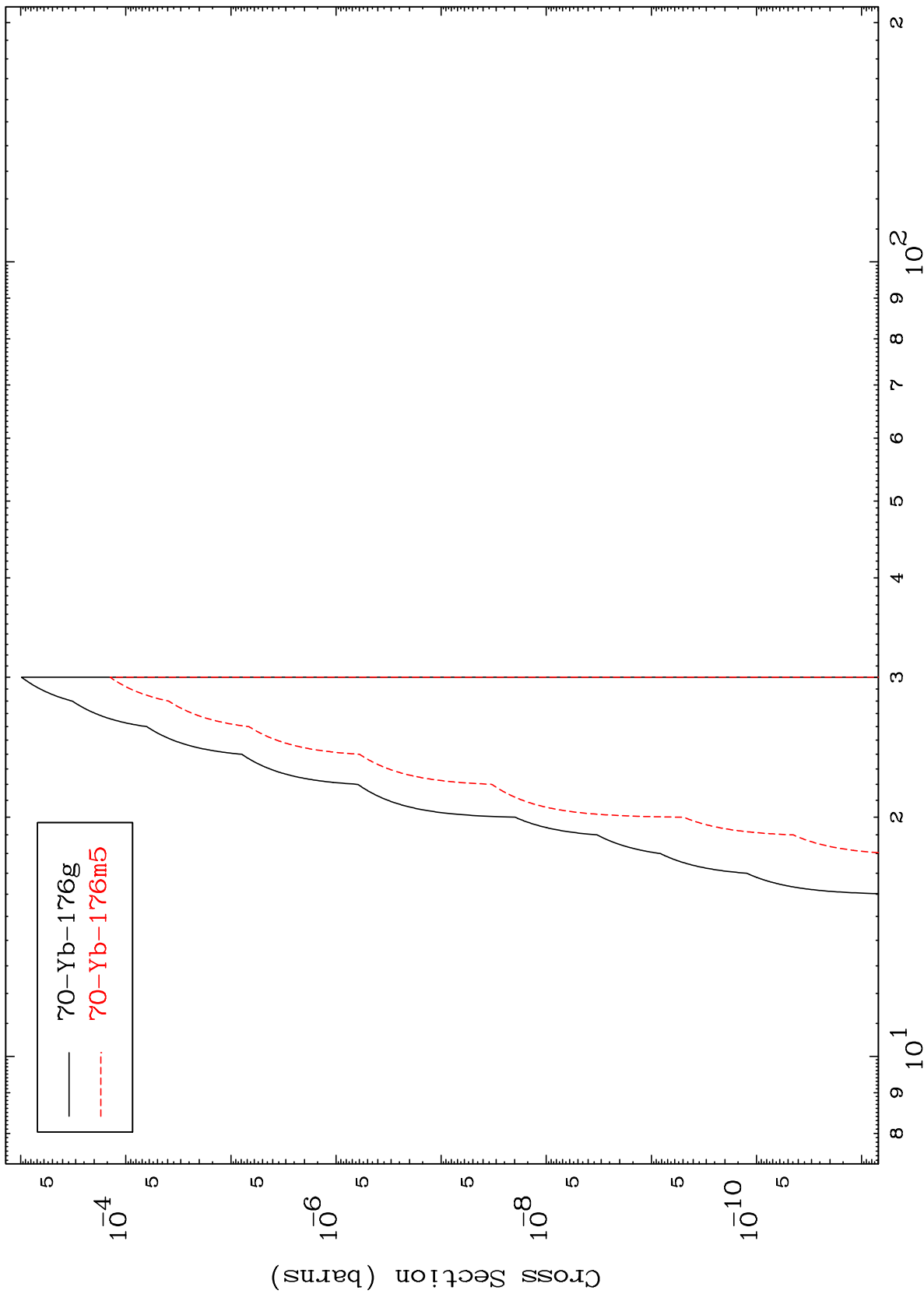
15

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(n,3n) α

71-Lu-182

Radionuclide Production Cross Section



16

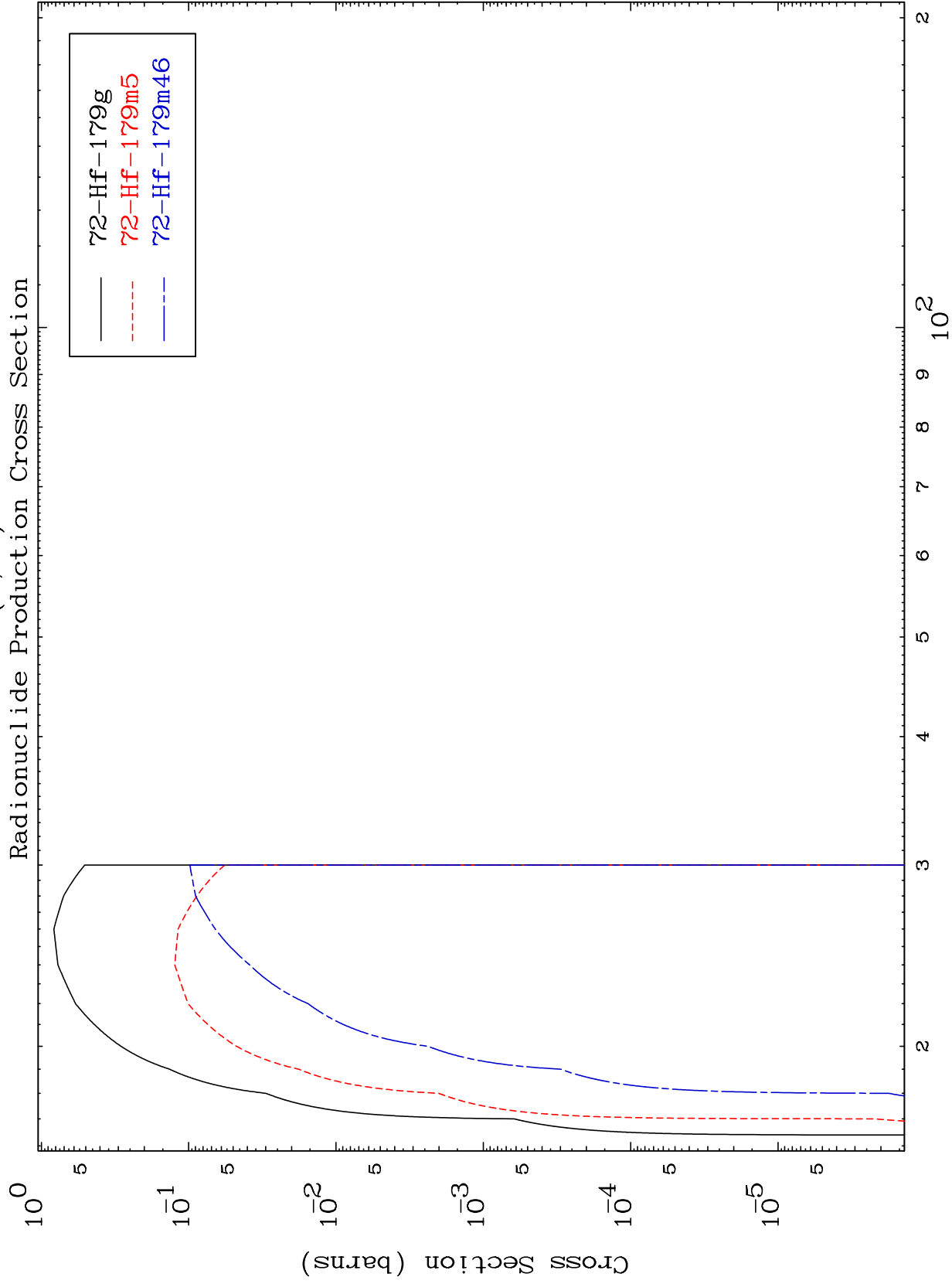
Incident Energy (MeV)

71-Lu-182

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(n,4n)

71-Lu-182



17

Incident Energy (MeV)

71-Lu-182

Radionuclide Production Cross Section

