

Program EVALPLOT
(Version 2021-1)

by

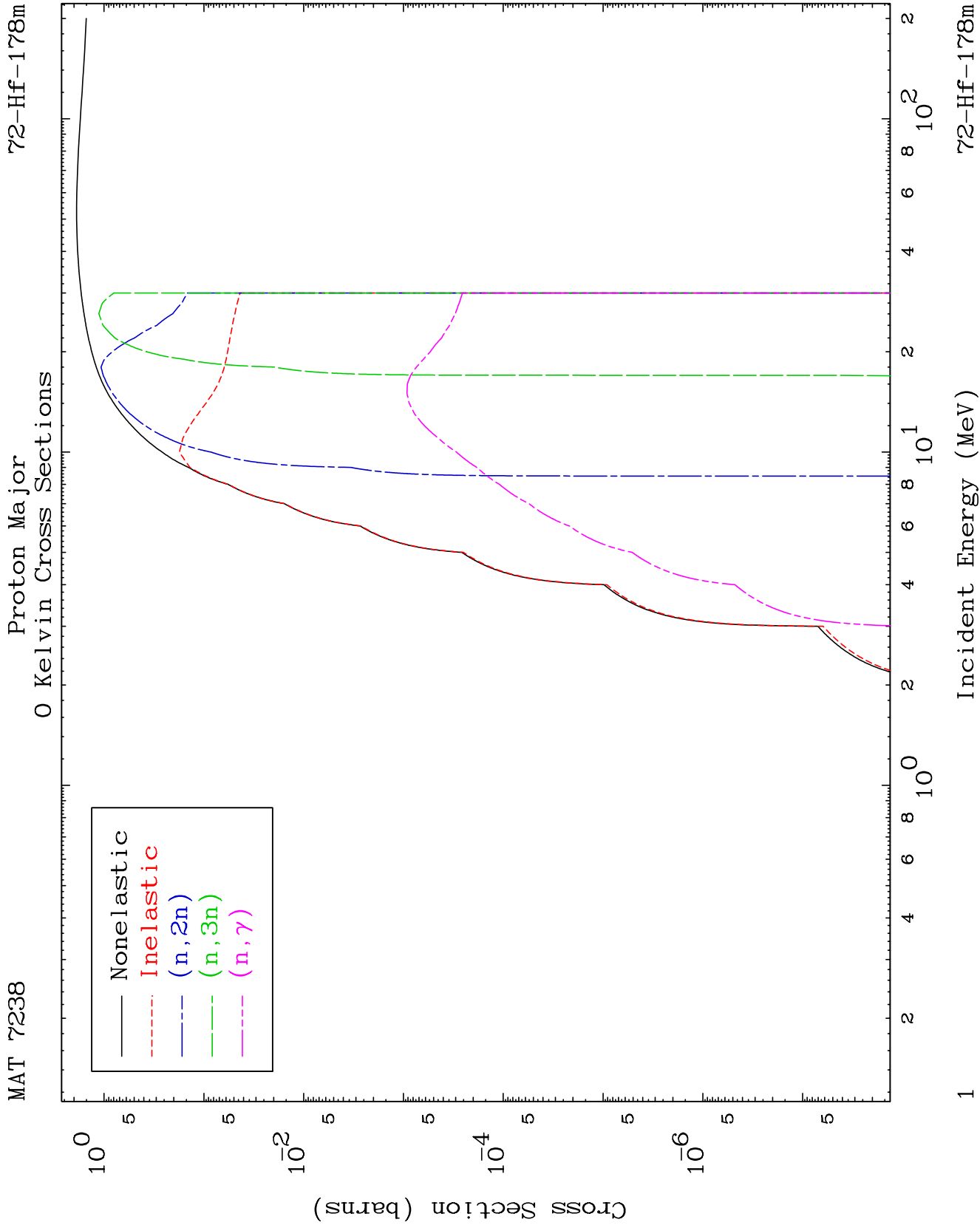
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

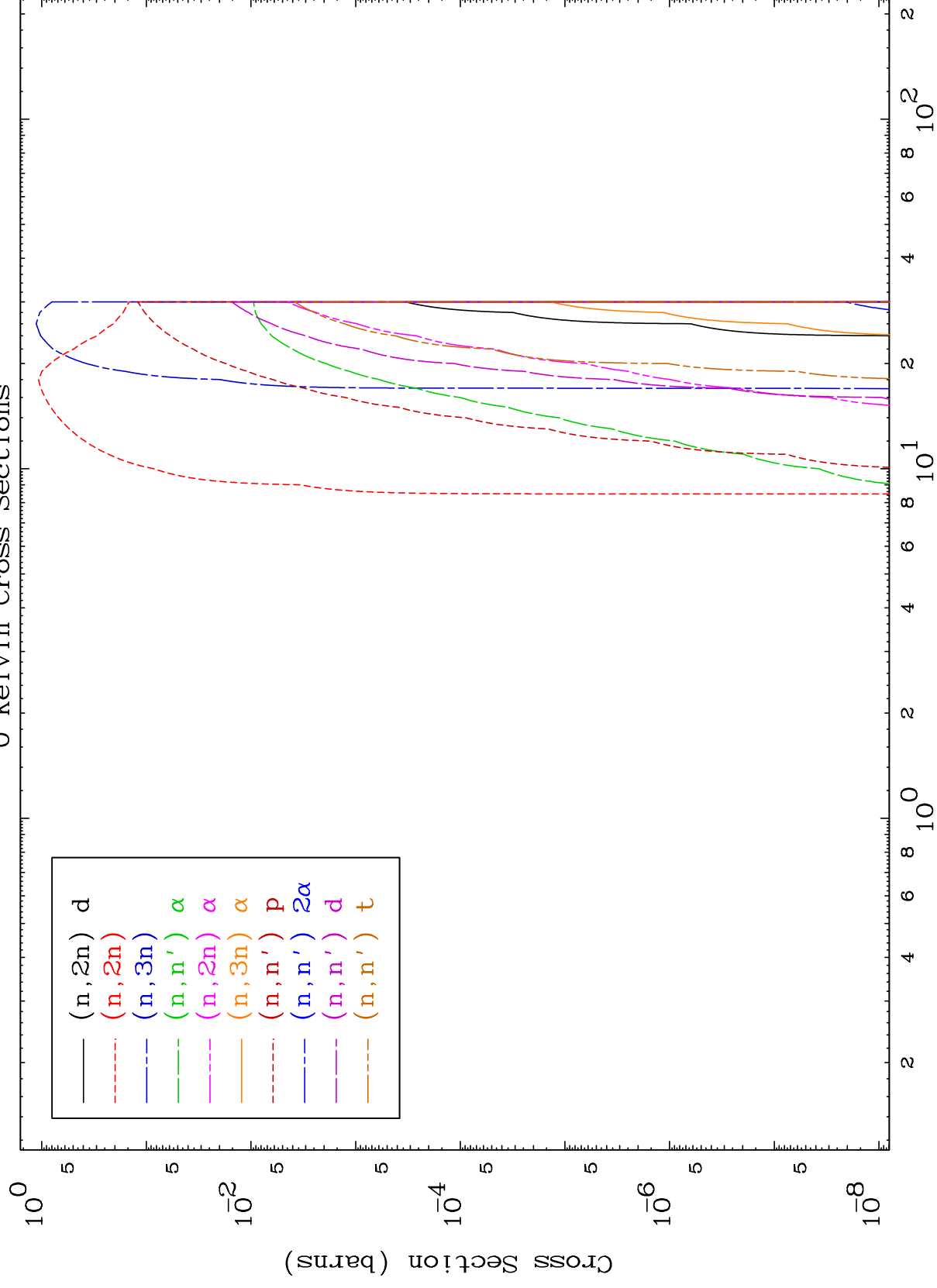
Press Mouse Button to Start



MAT 7238

Proton Neutron Absorption
0 Kelvin Cross Sections

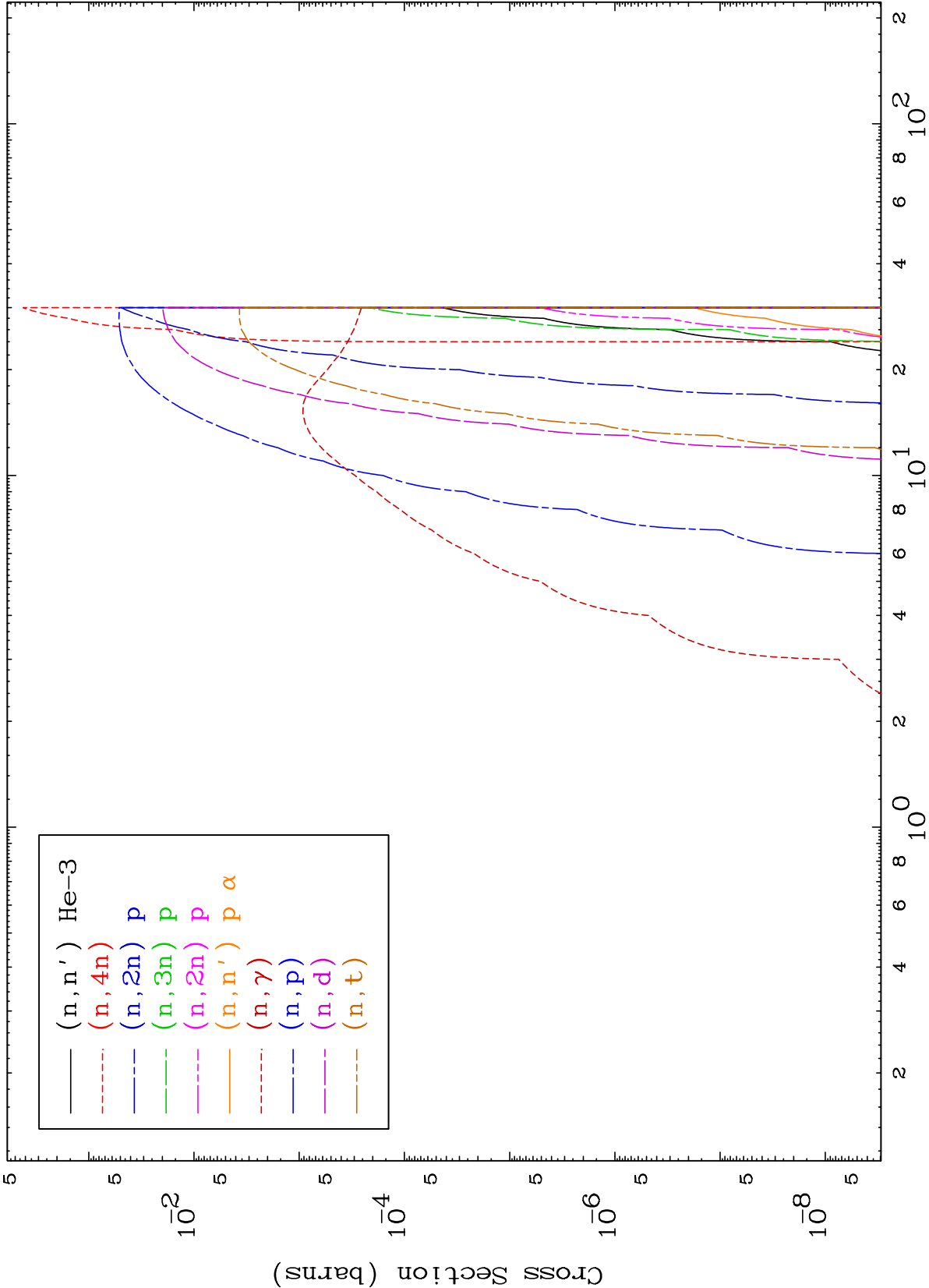
72-Hf-178m



2

Incident Energy (MeV)

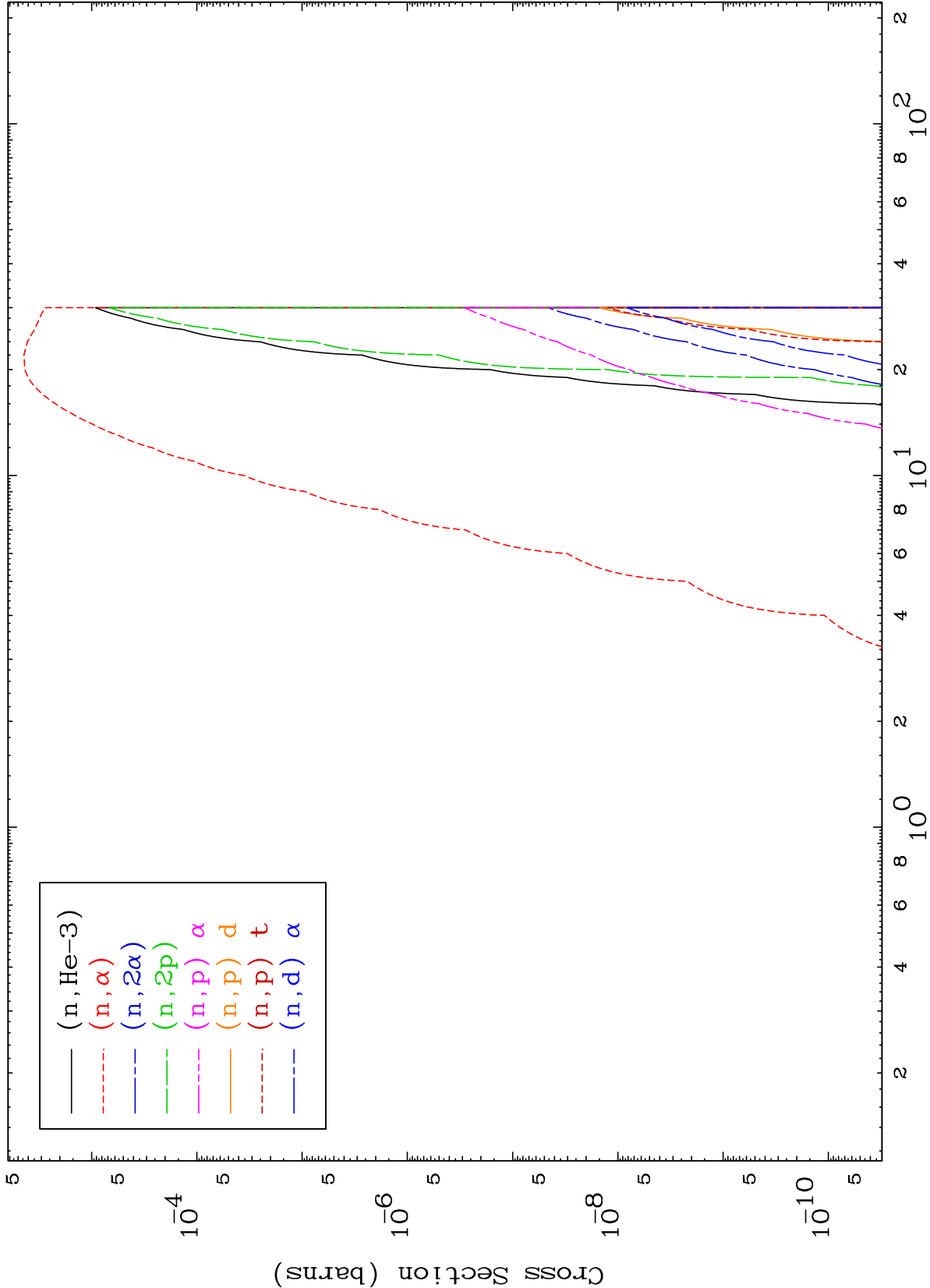
72-Hf-178m



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Proton Neutron Absorption
0 Kelvin Cross Sections

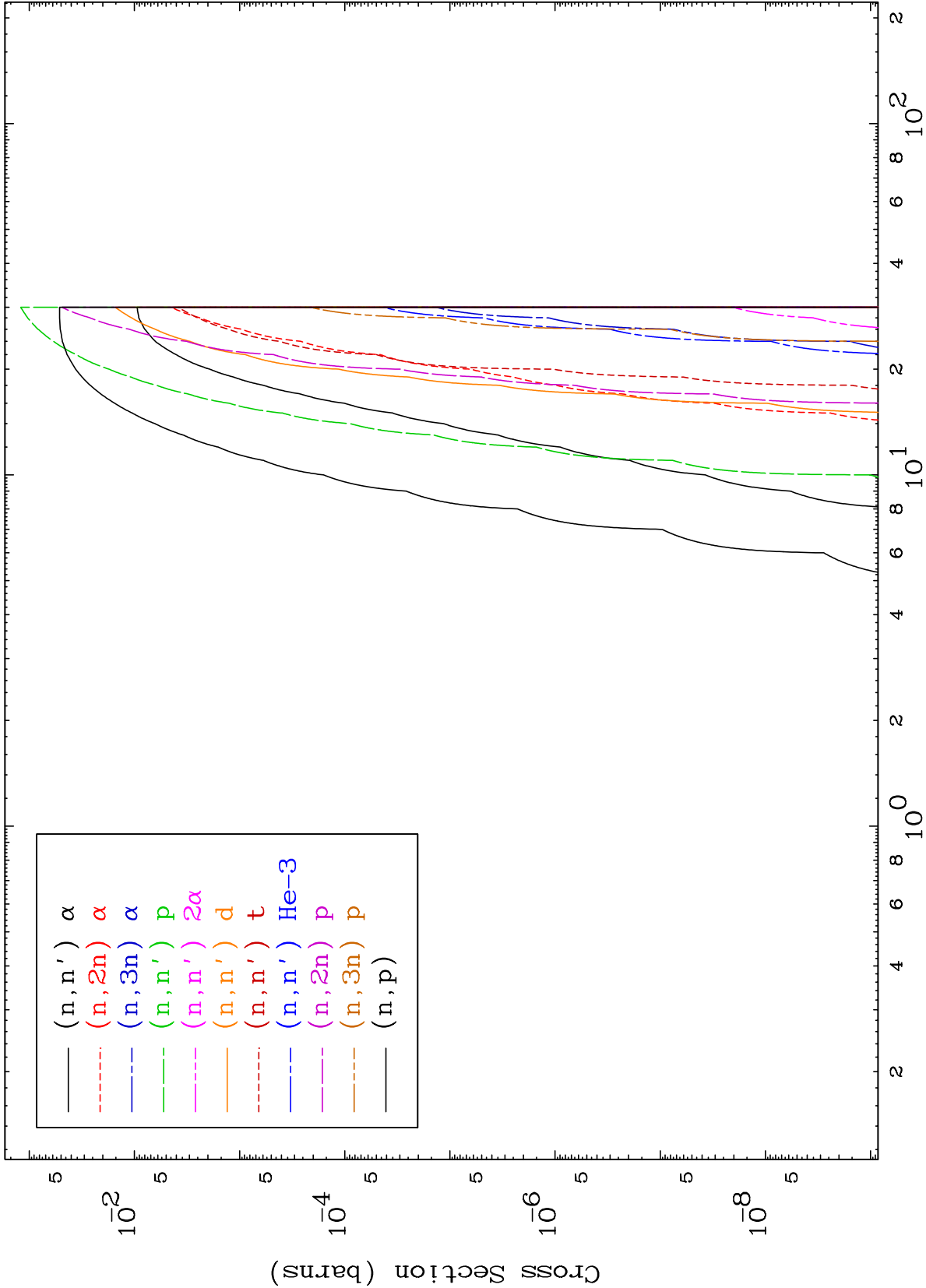
72-Hf-178m



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Proton Charged Particle
0 Kelvin Cross Sections

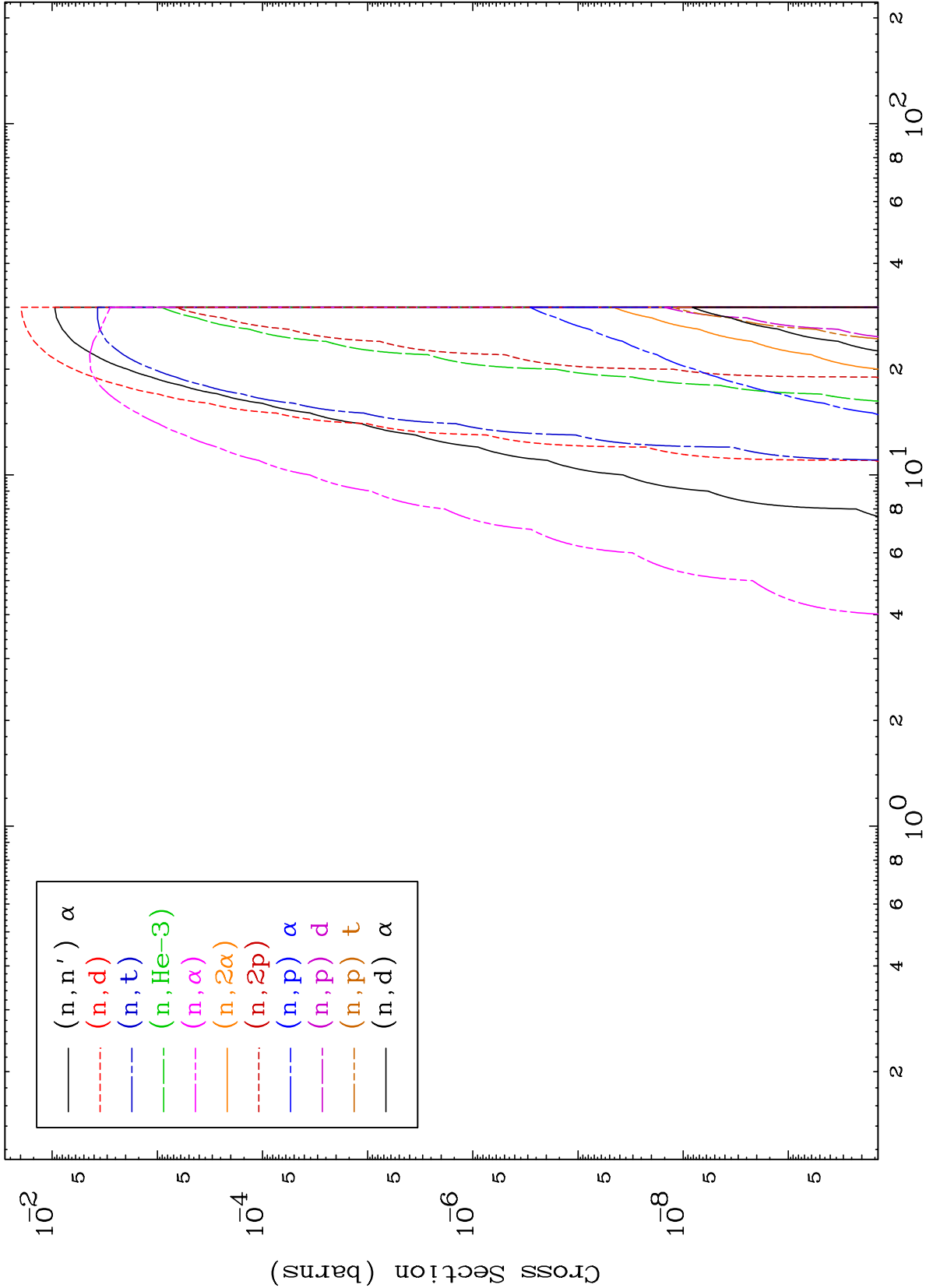
72-Hf-178m



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Proton Charged Particle
0 Kelvin Cross Sections

72-Hf-178m

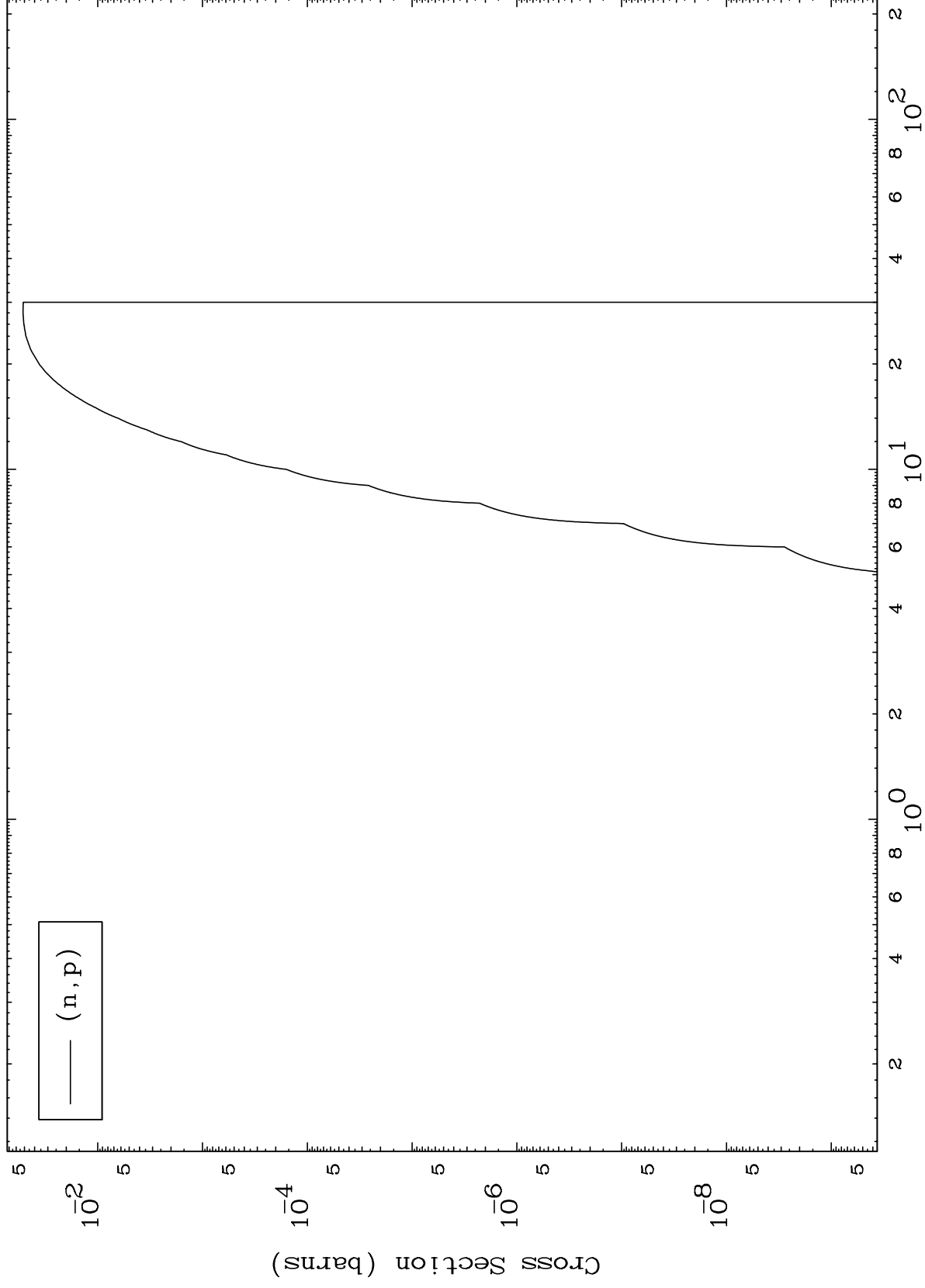


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(p,p) Levels

$^{72}\text{Hf}-178\text{m}$

0 Kelvin Cross Sections



7

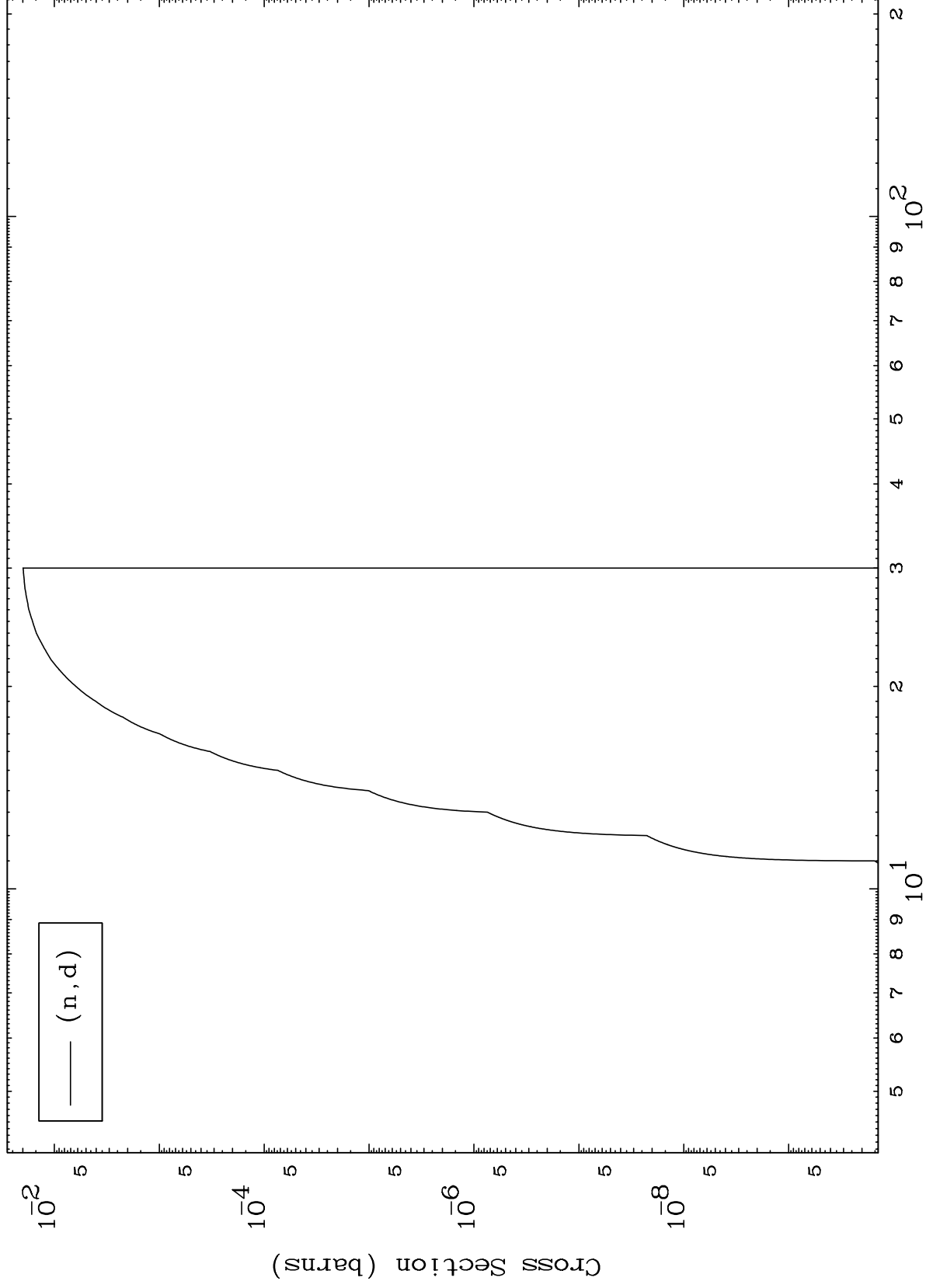
Incident Energy (MeV)

$^{72}\text{Hf}-178\text{m}$

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72-Hf-178m

(p,d) Levels
0 Kelvin Cross Sections



72-Hf-178m

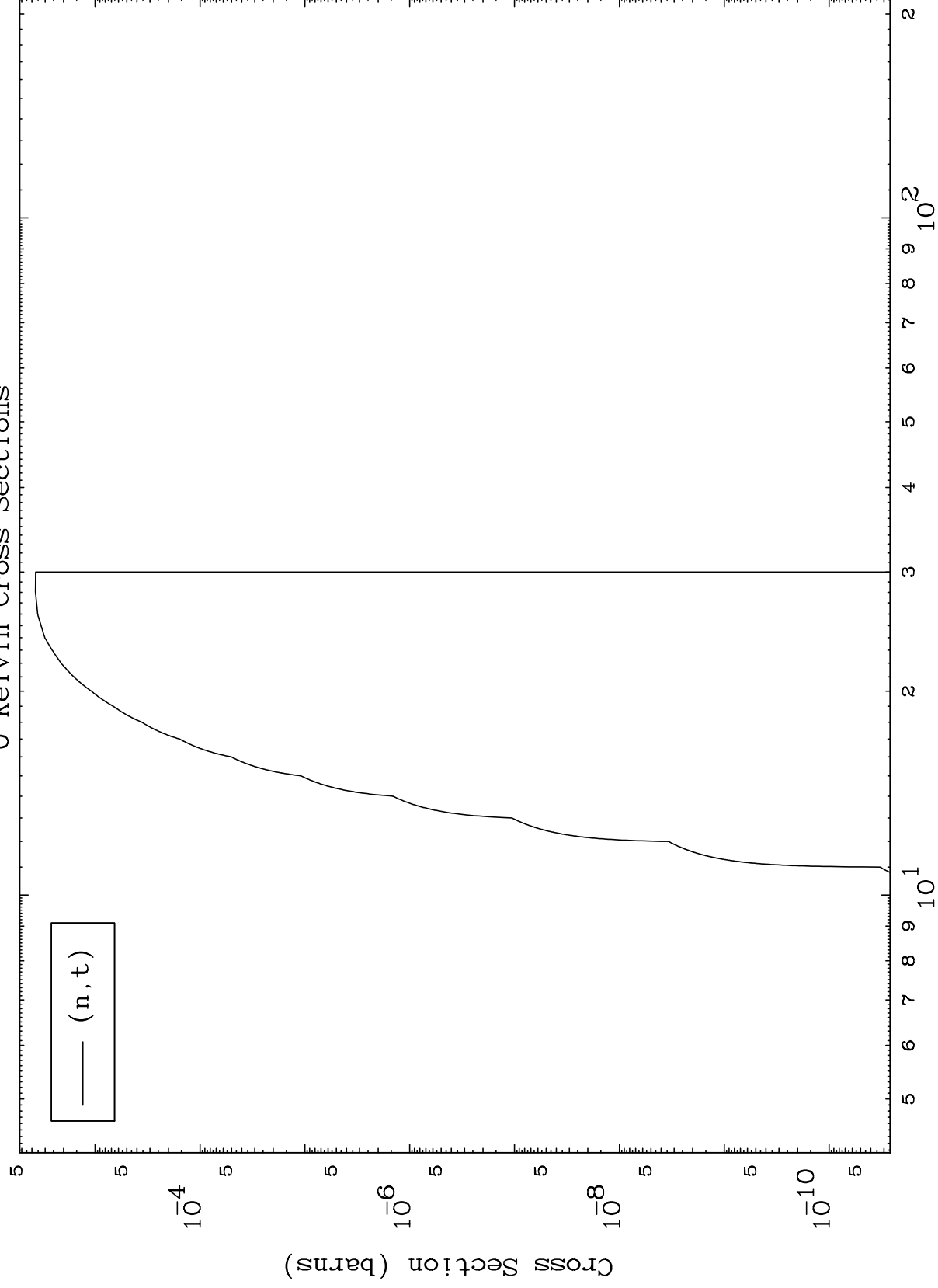
Incident Energy (MeV)

8

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72-Hf-178m

(p,t) Levels
0 Kelvin Cross Sections



9

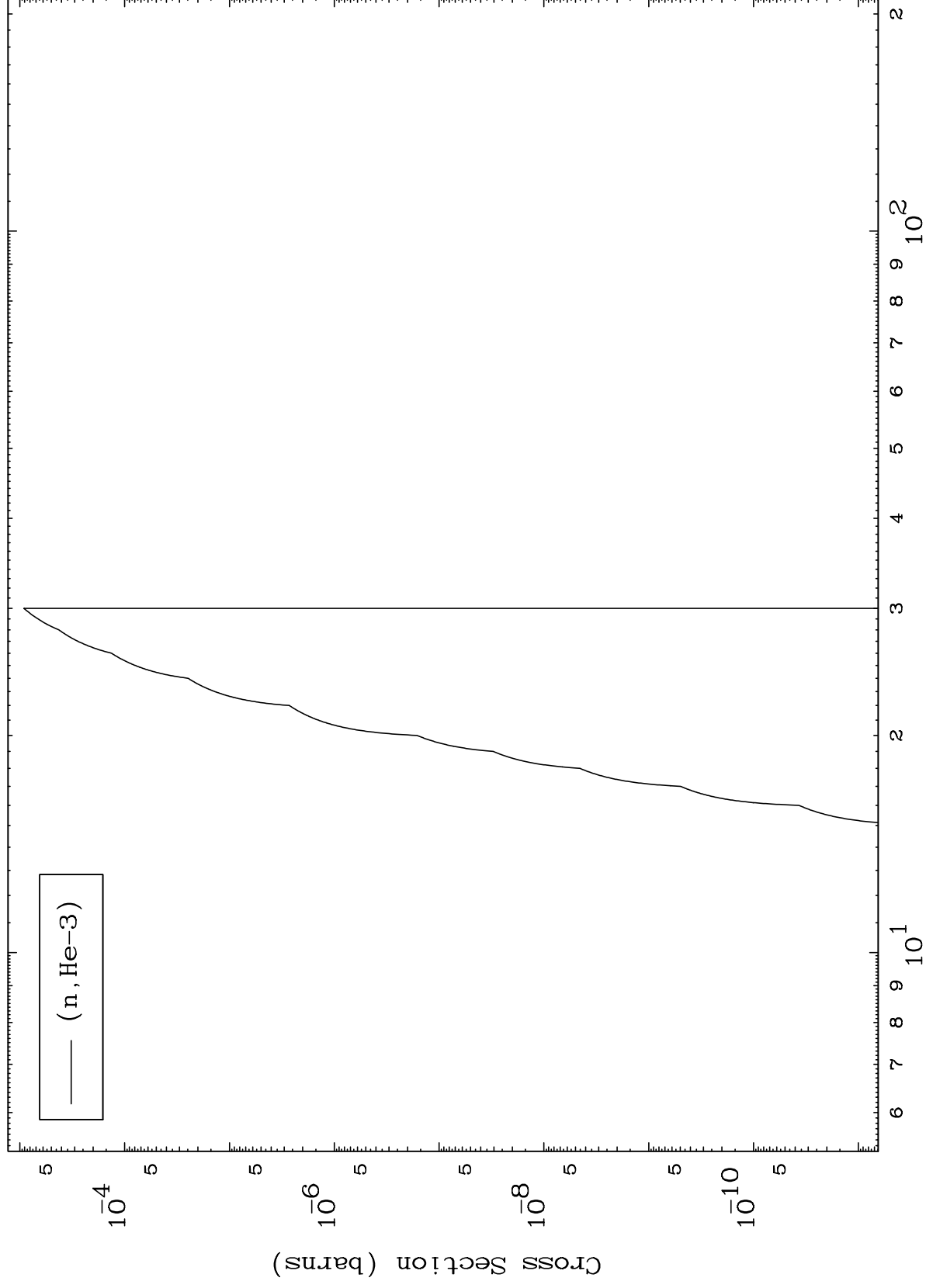
Incident Energy (MeV)

72-Hf-178m

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(p,He3) Levels
0 Kelvin Cross Sections

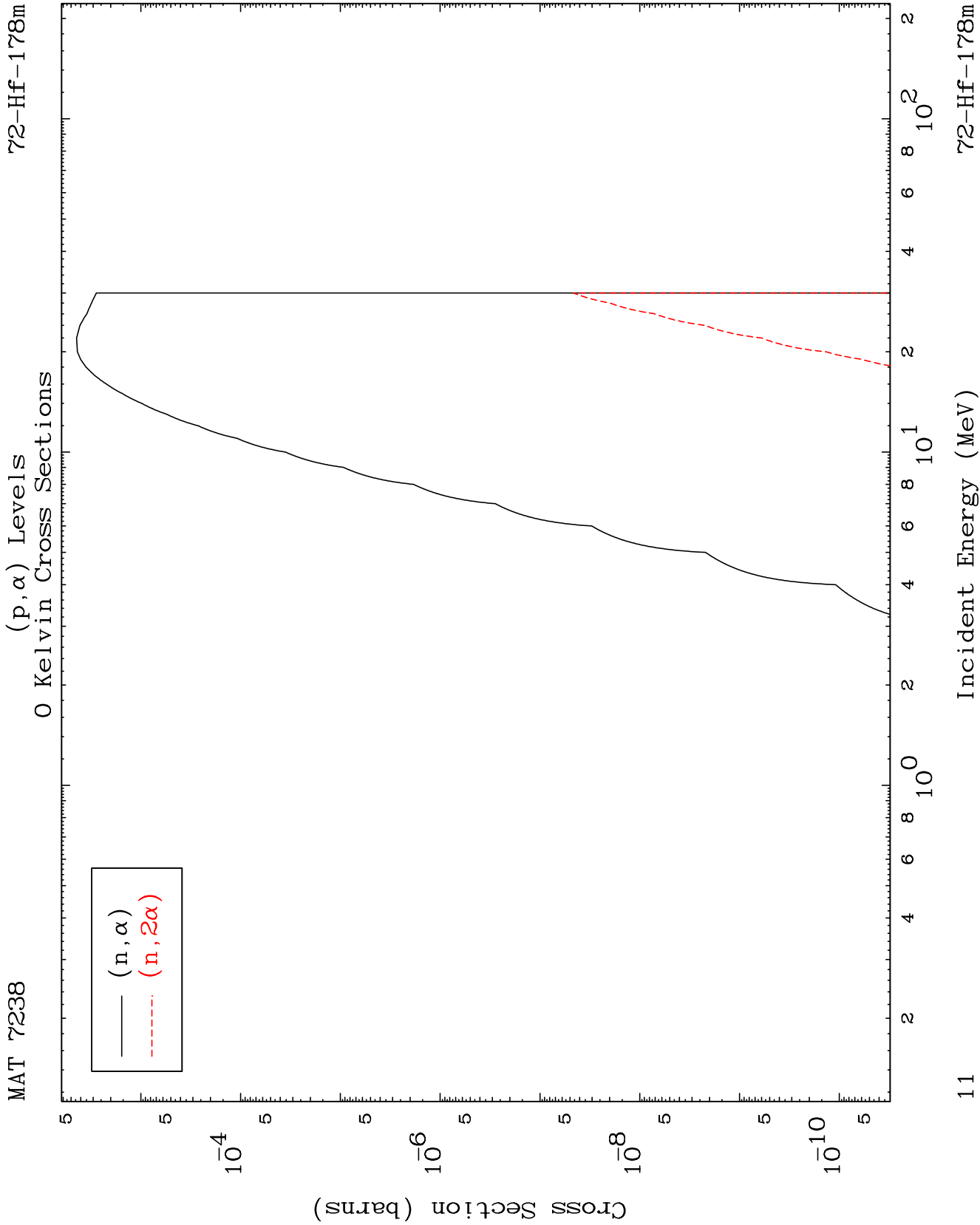
72-Hf-178m

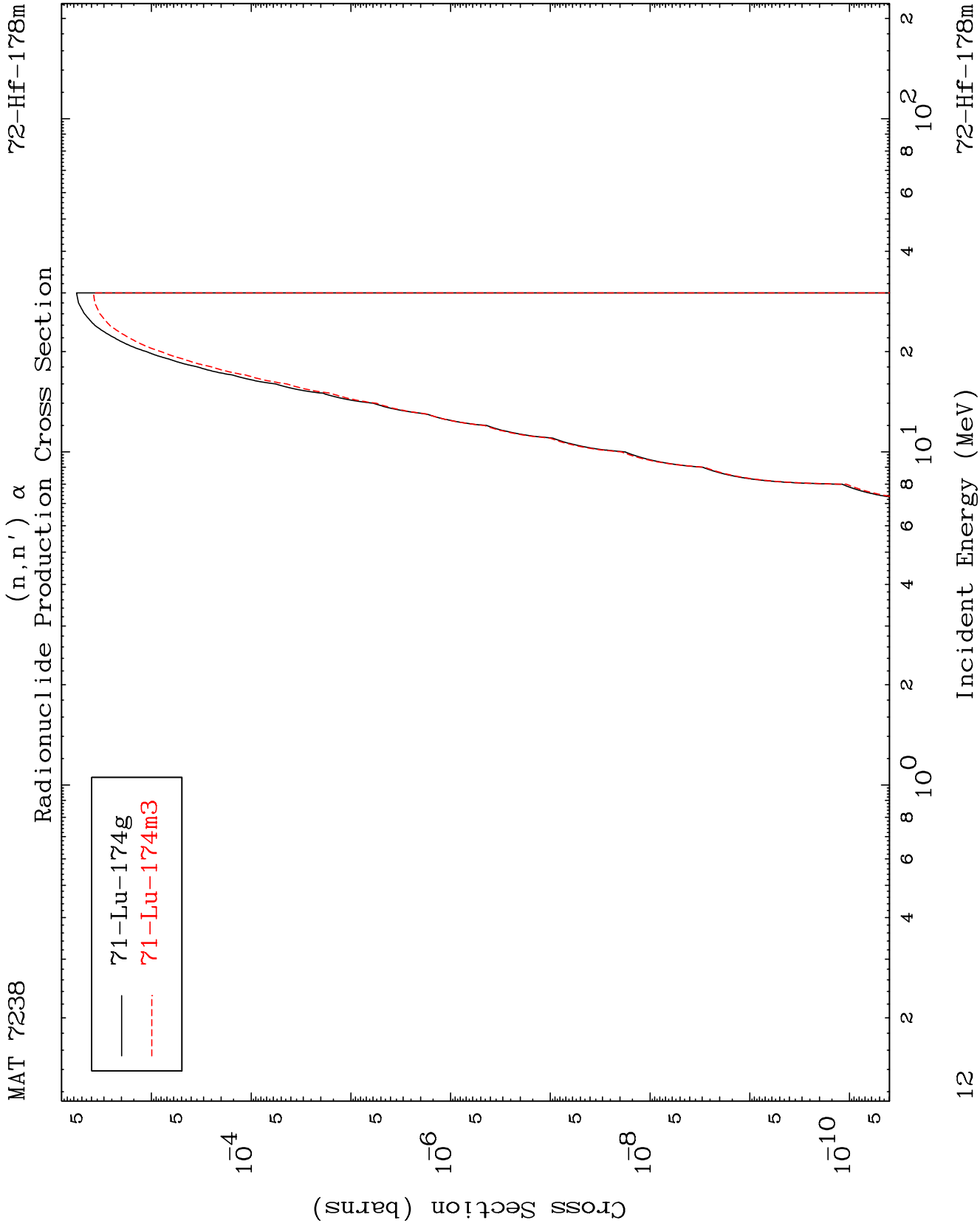


10

Incident Energy (MeV)

72-Hf-178m

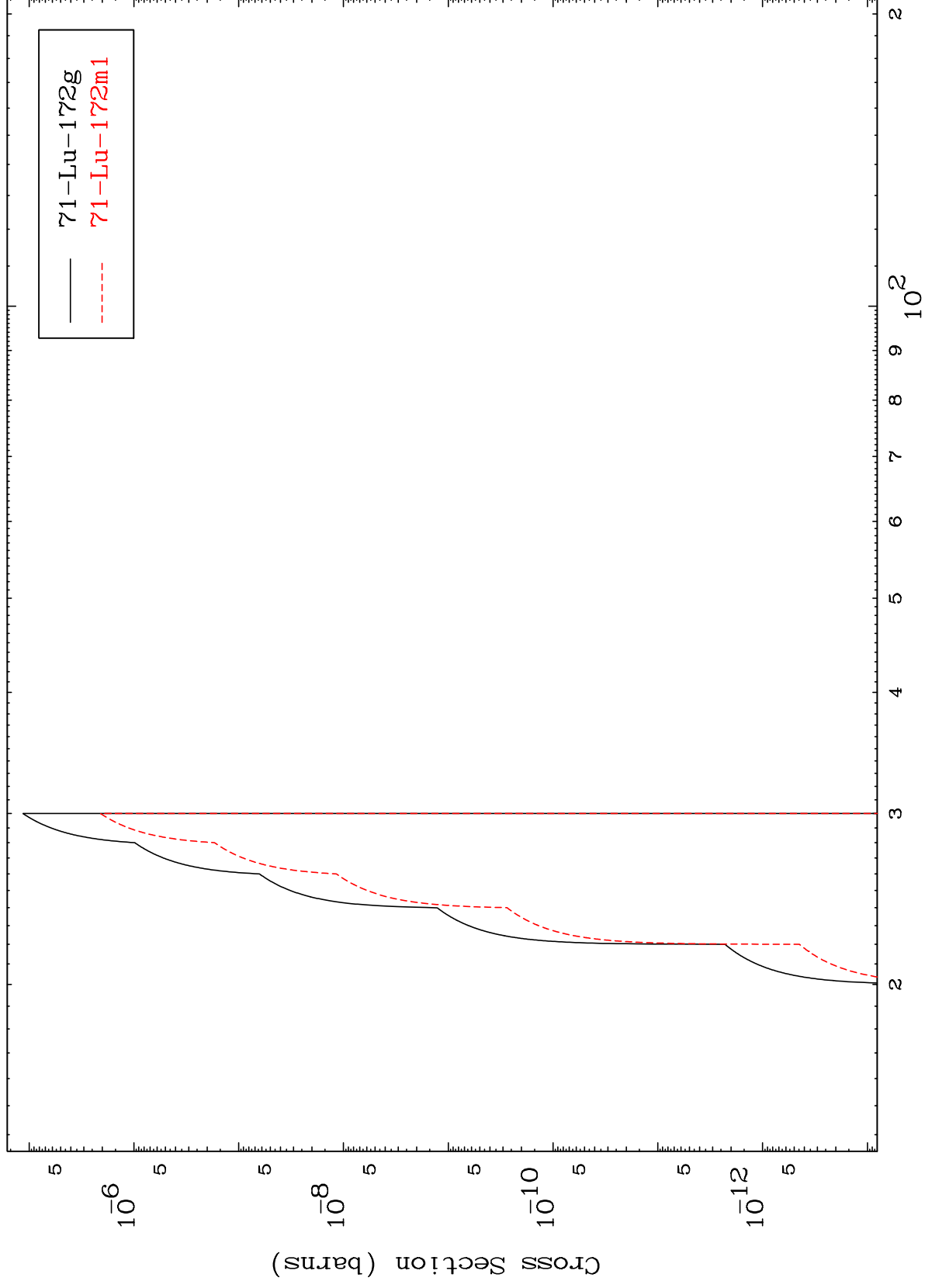




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72-Hf-178m

(n,3n) α
Radionuclide Production Cross Section



13

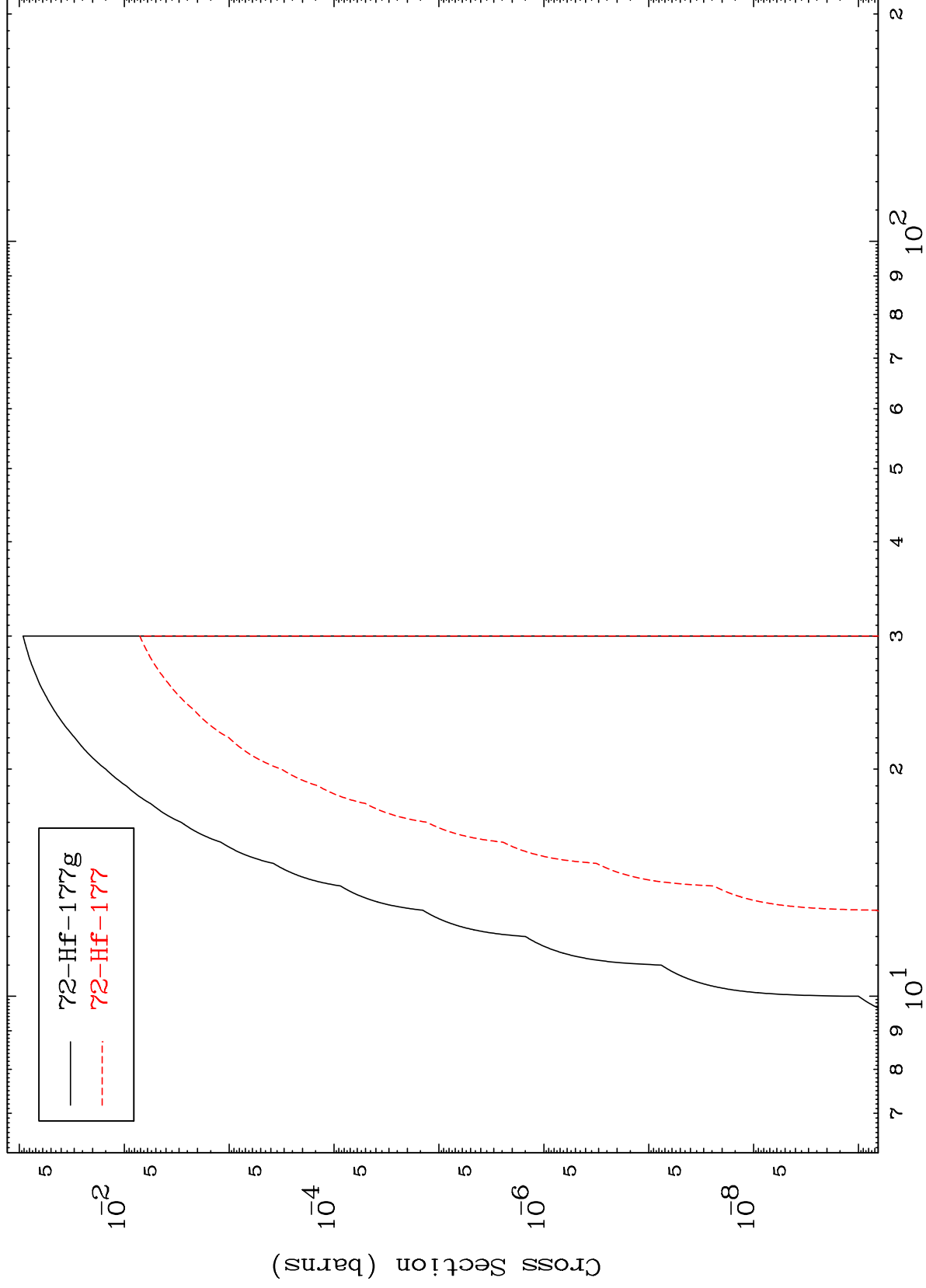
Incident Energy (MeV)

72-Hf-178m

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⁷²Hf-178m

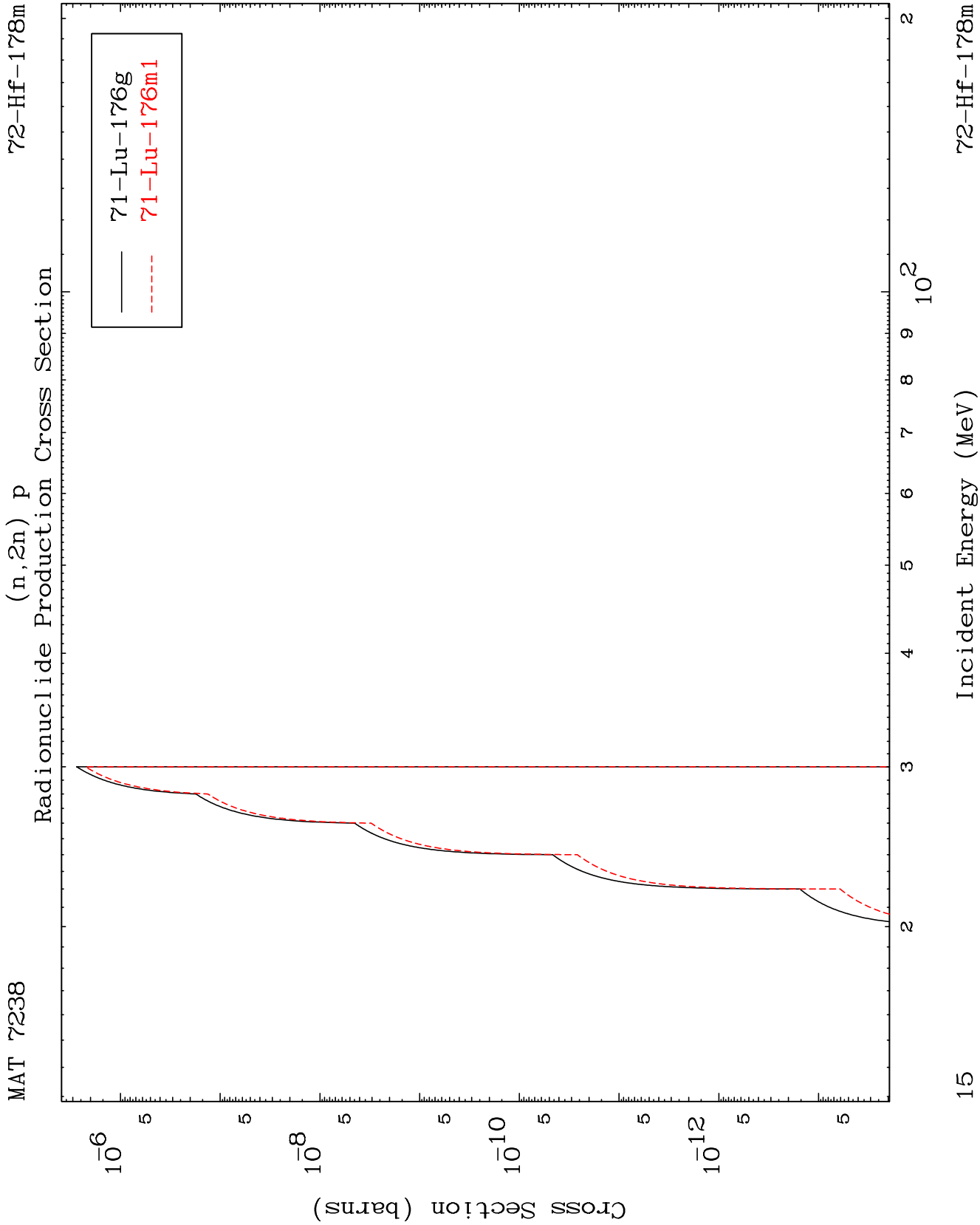
Radionuclide Production Cross Section

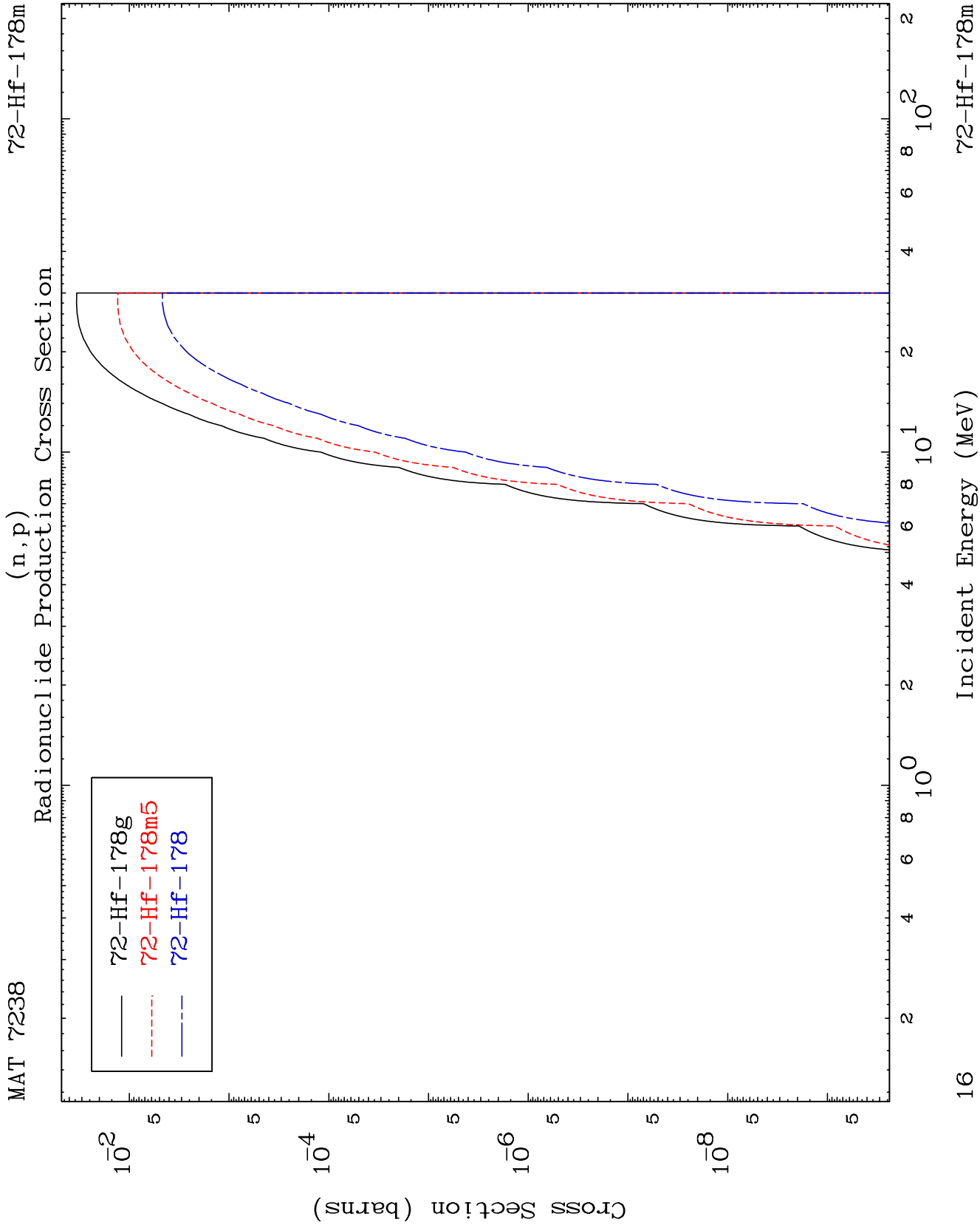


⁷²Hf-178m

Incident Energy (MeV)

14

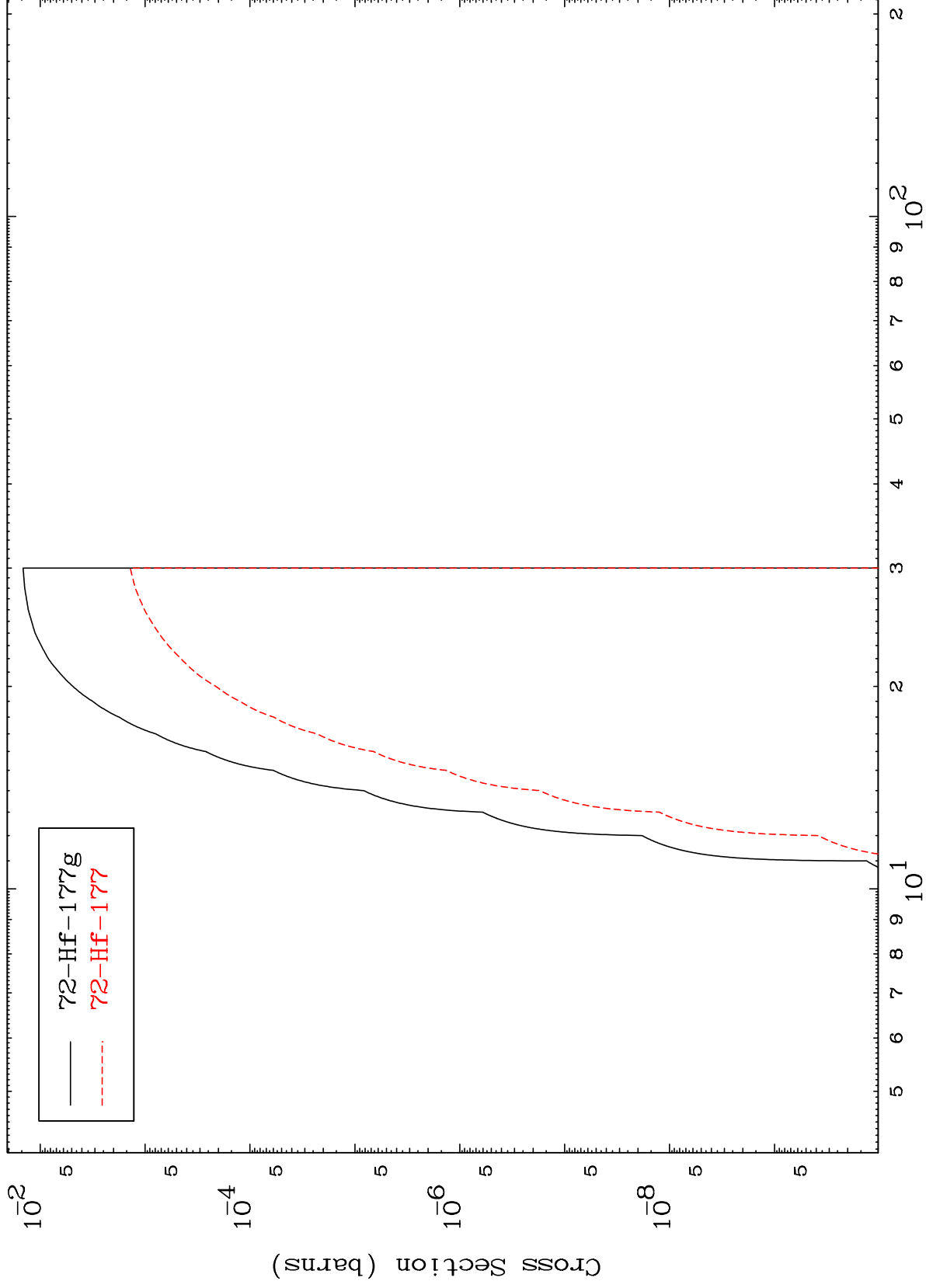




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72-Hf-178m

Radionuclide Production Cross Section



Incident Energy (MeV)

72-Hf-178m

17

