

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

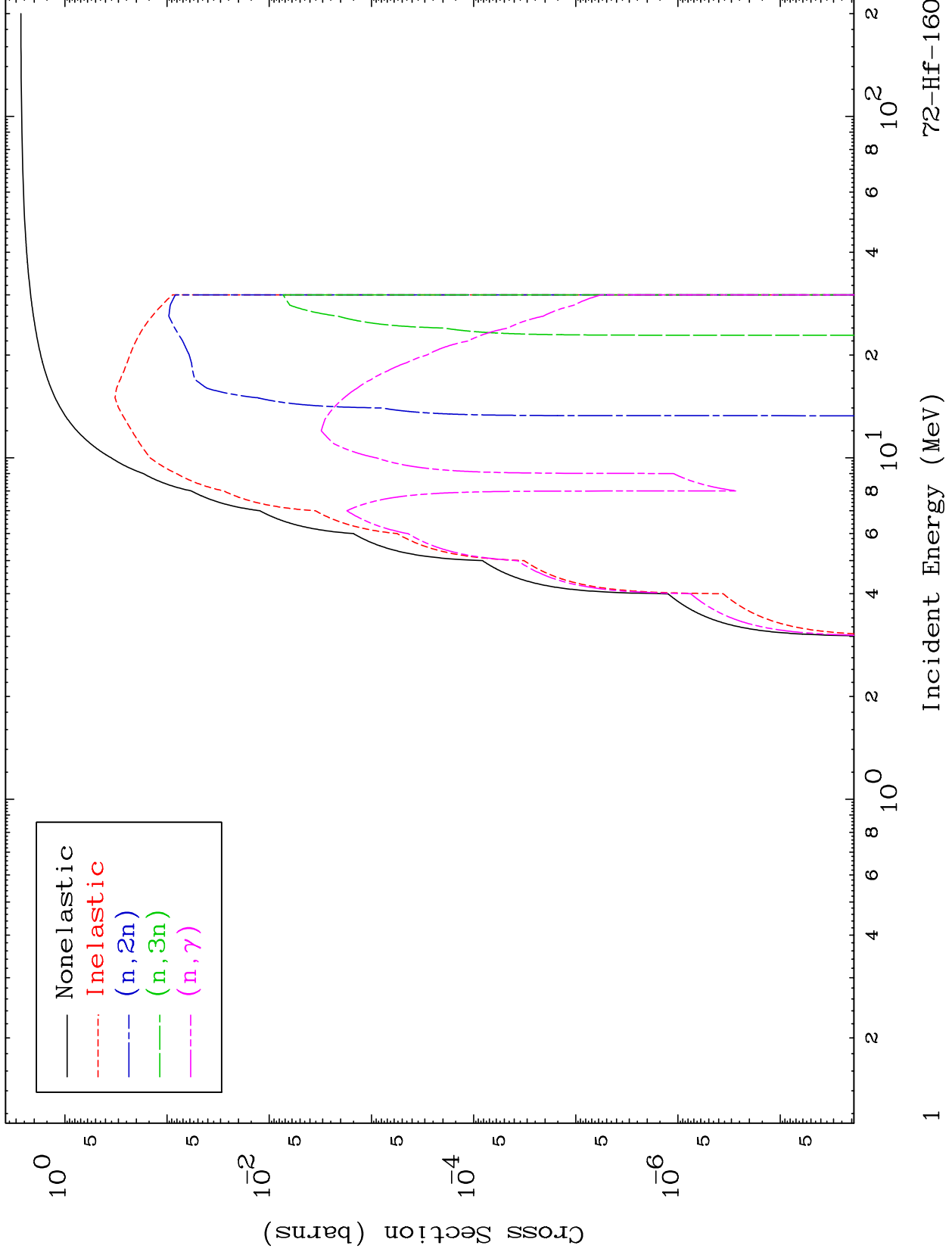
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1466 Hudson Way
Livermore, CA 94550
U.S.A.

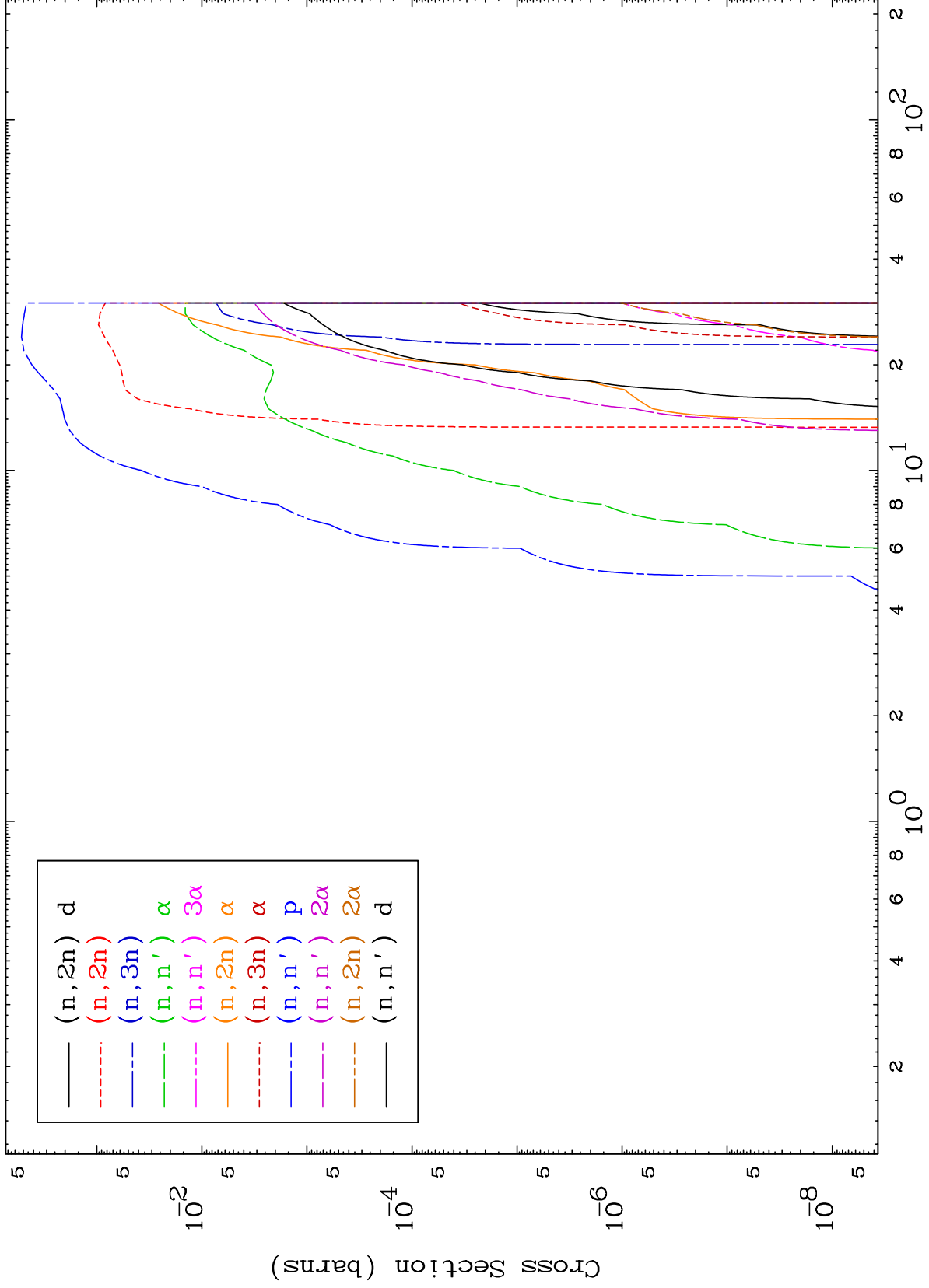
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

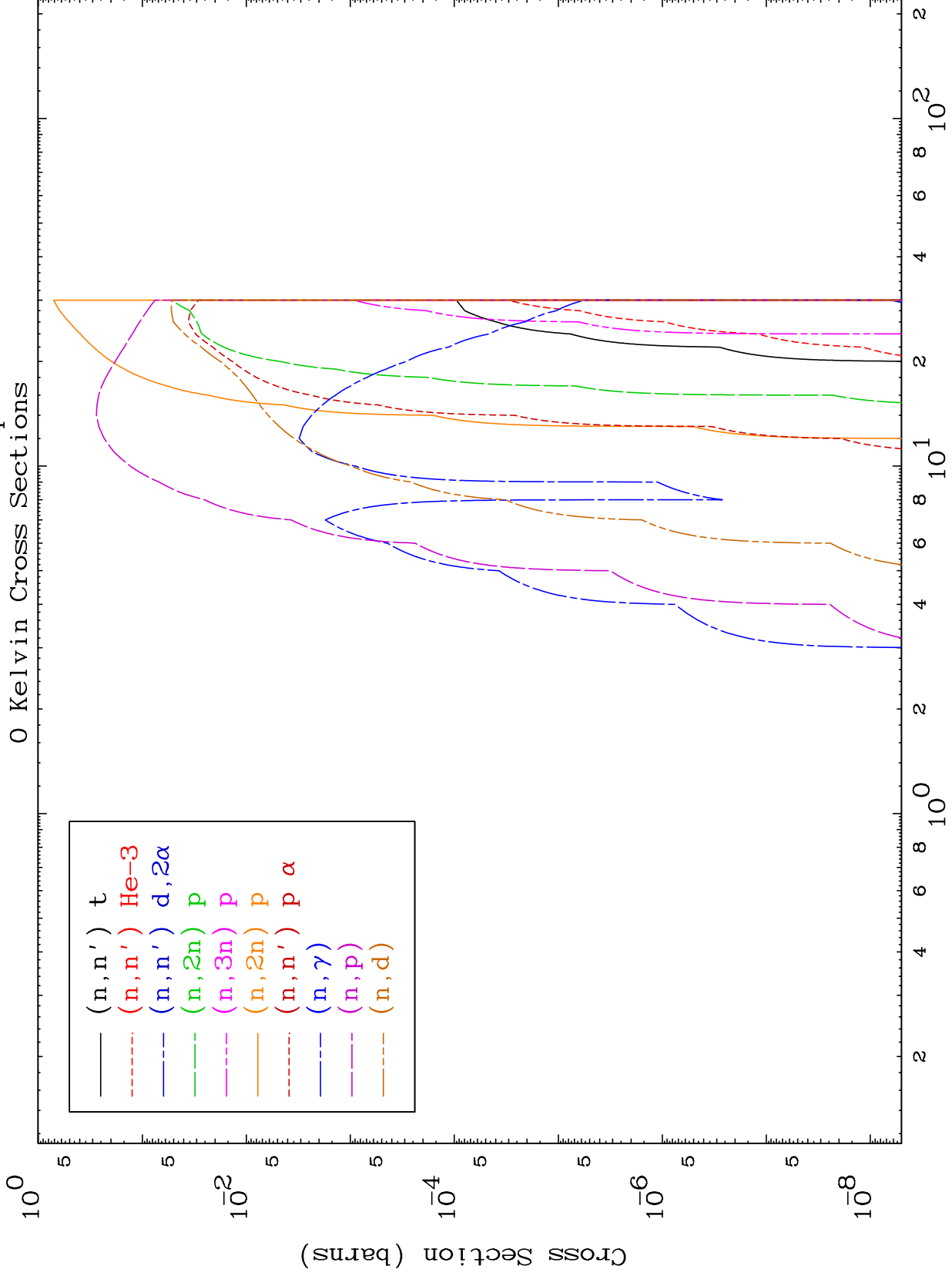


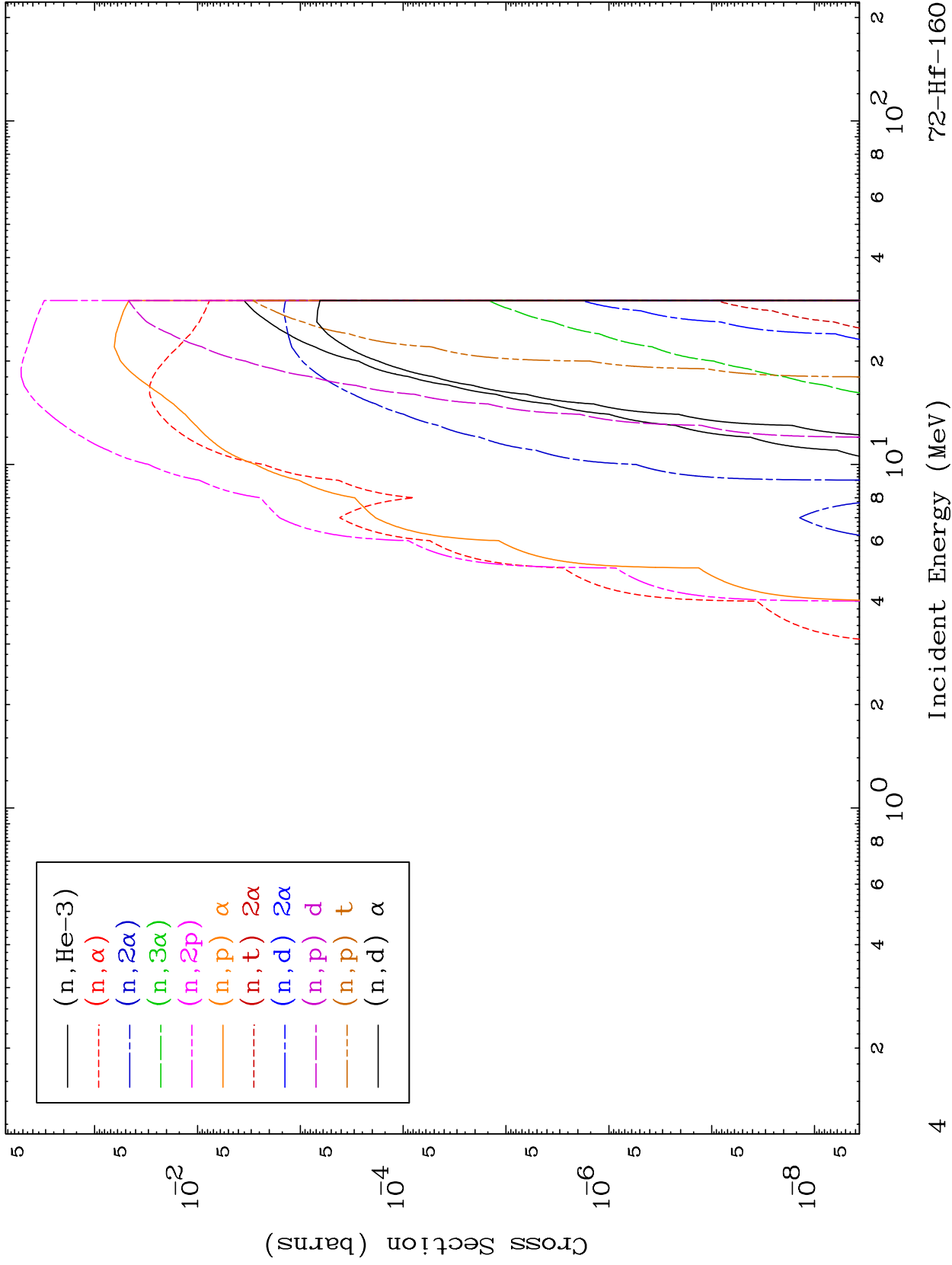


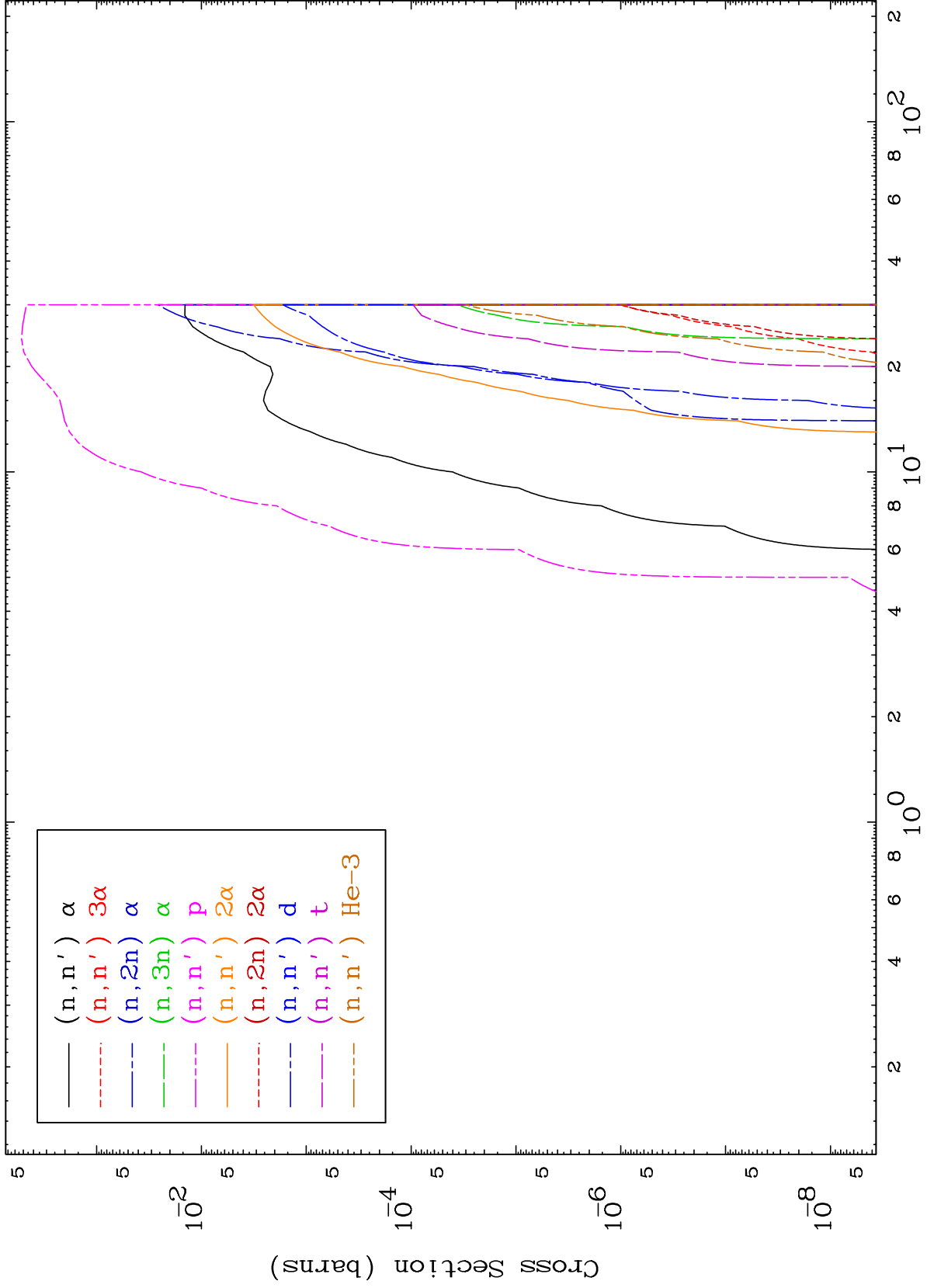
MAT 7183

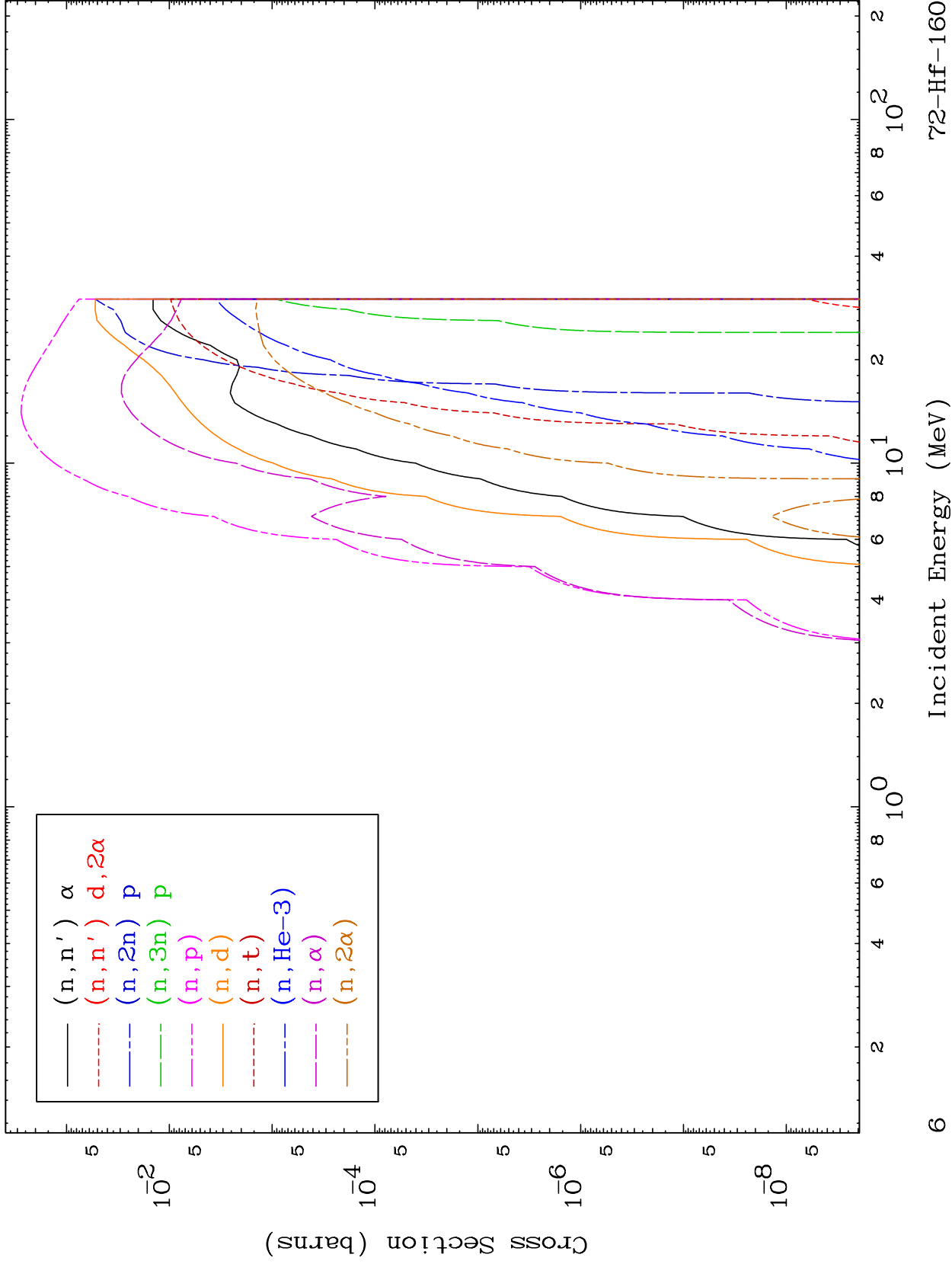
Deuteron Neutron Absorption
0 Kelvin Cross Sections

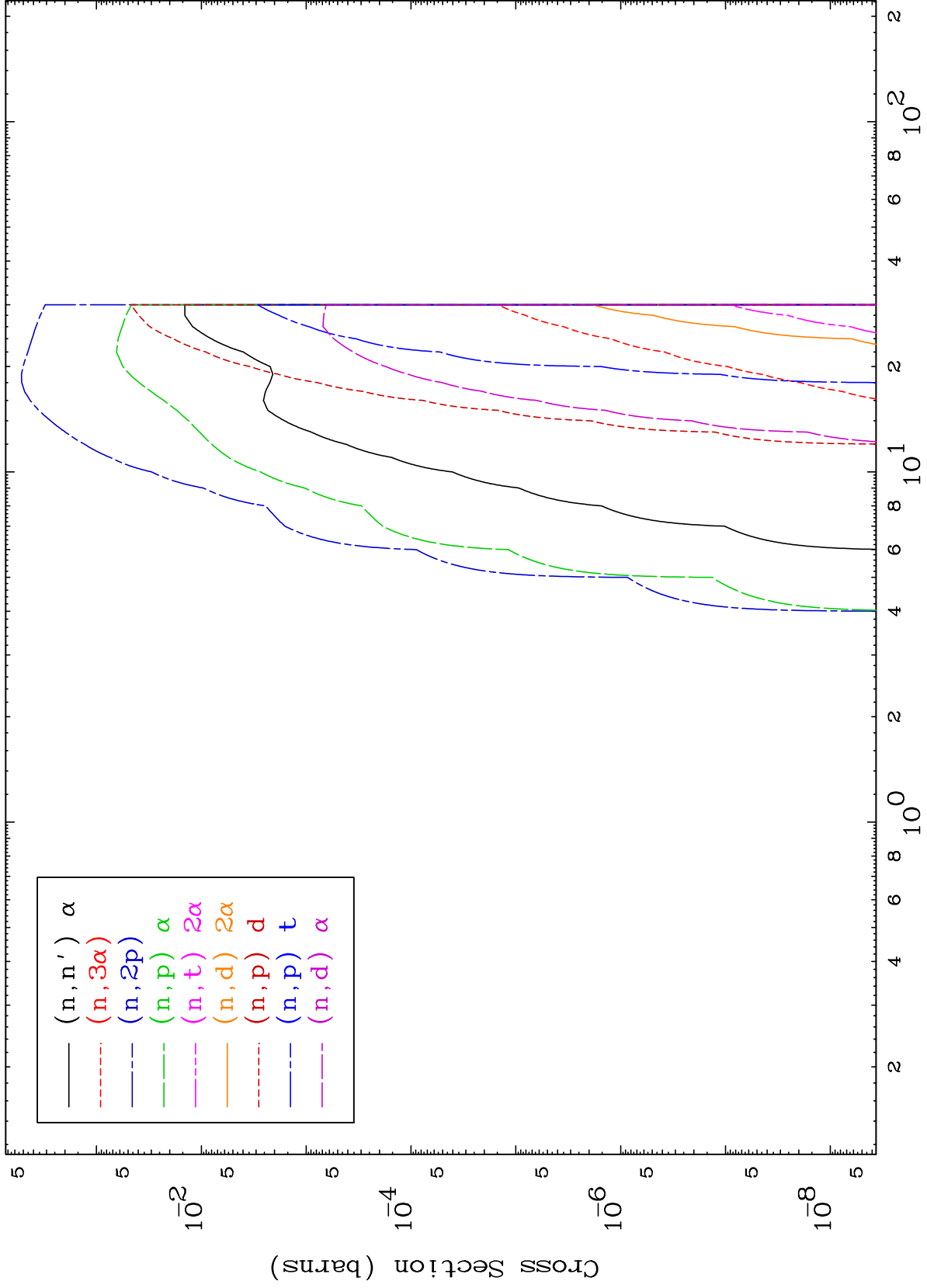
72-Hf-160









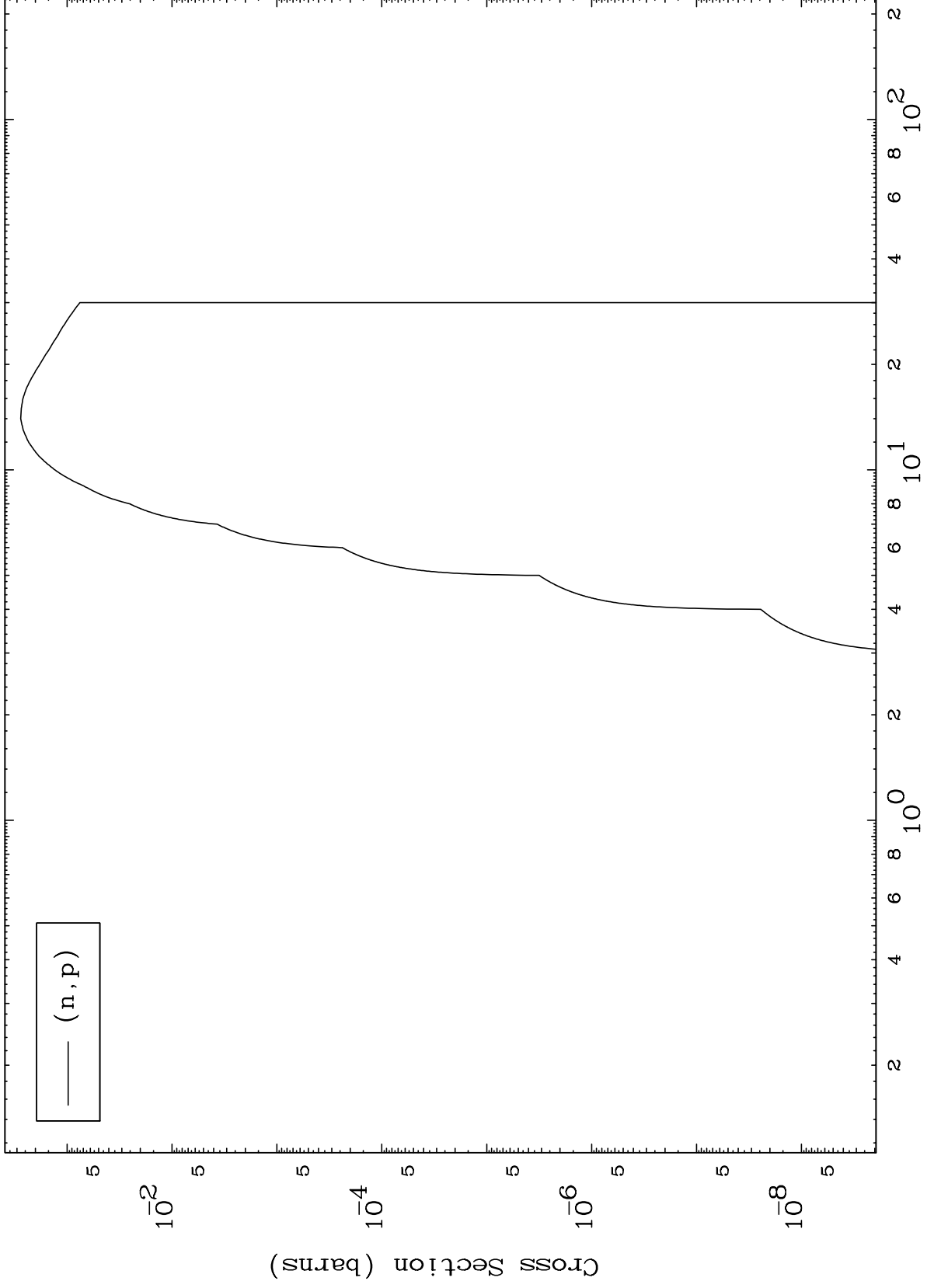


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(d,p) Levels

72-Hf-160

0 Kelvin Cross Sections

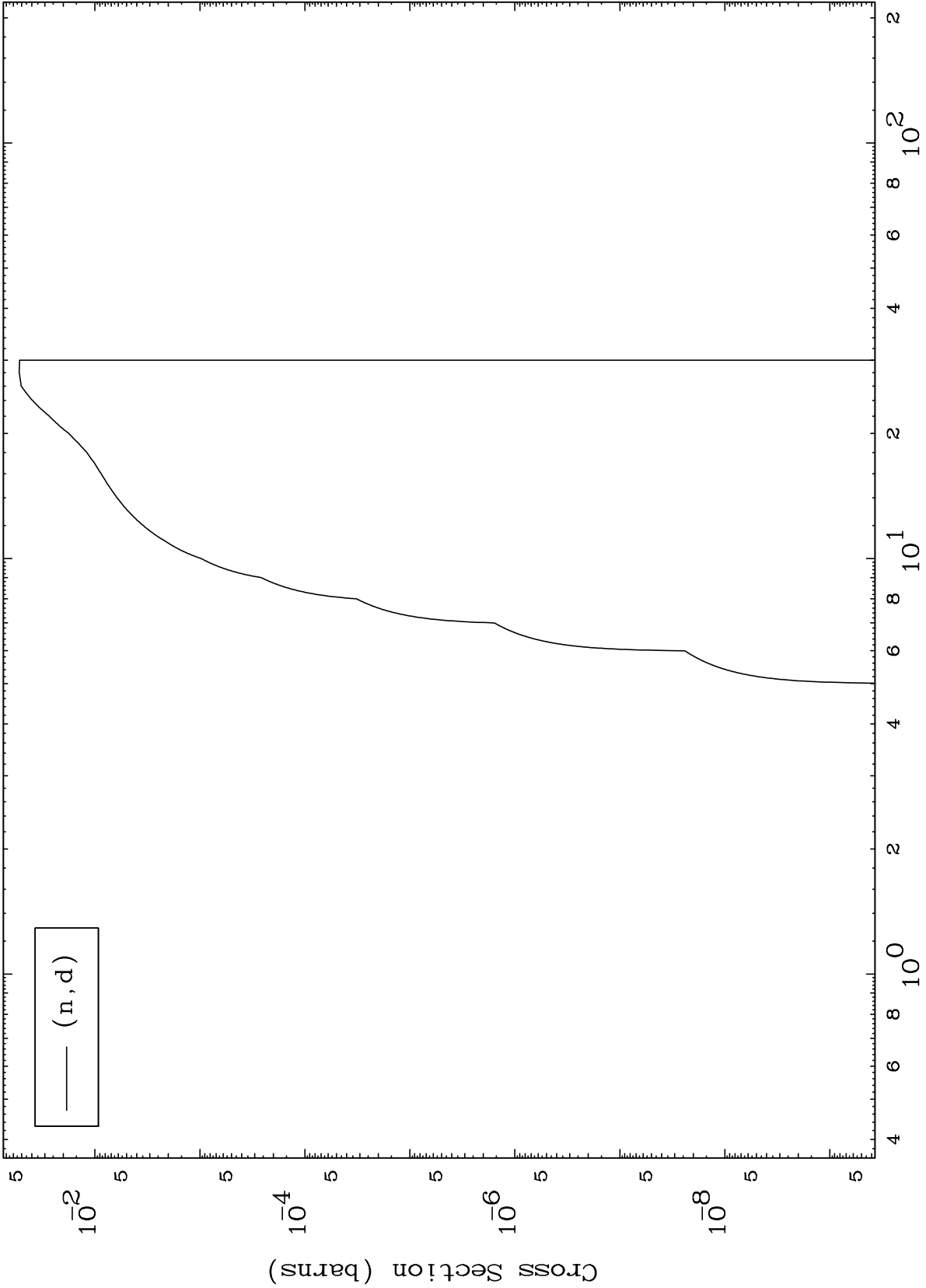


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(d,d) Levels

72-Hf-160

0 Kelvin Cross Sections



9

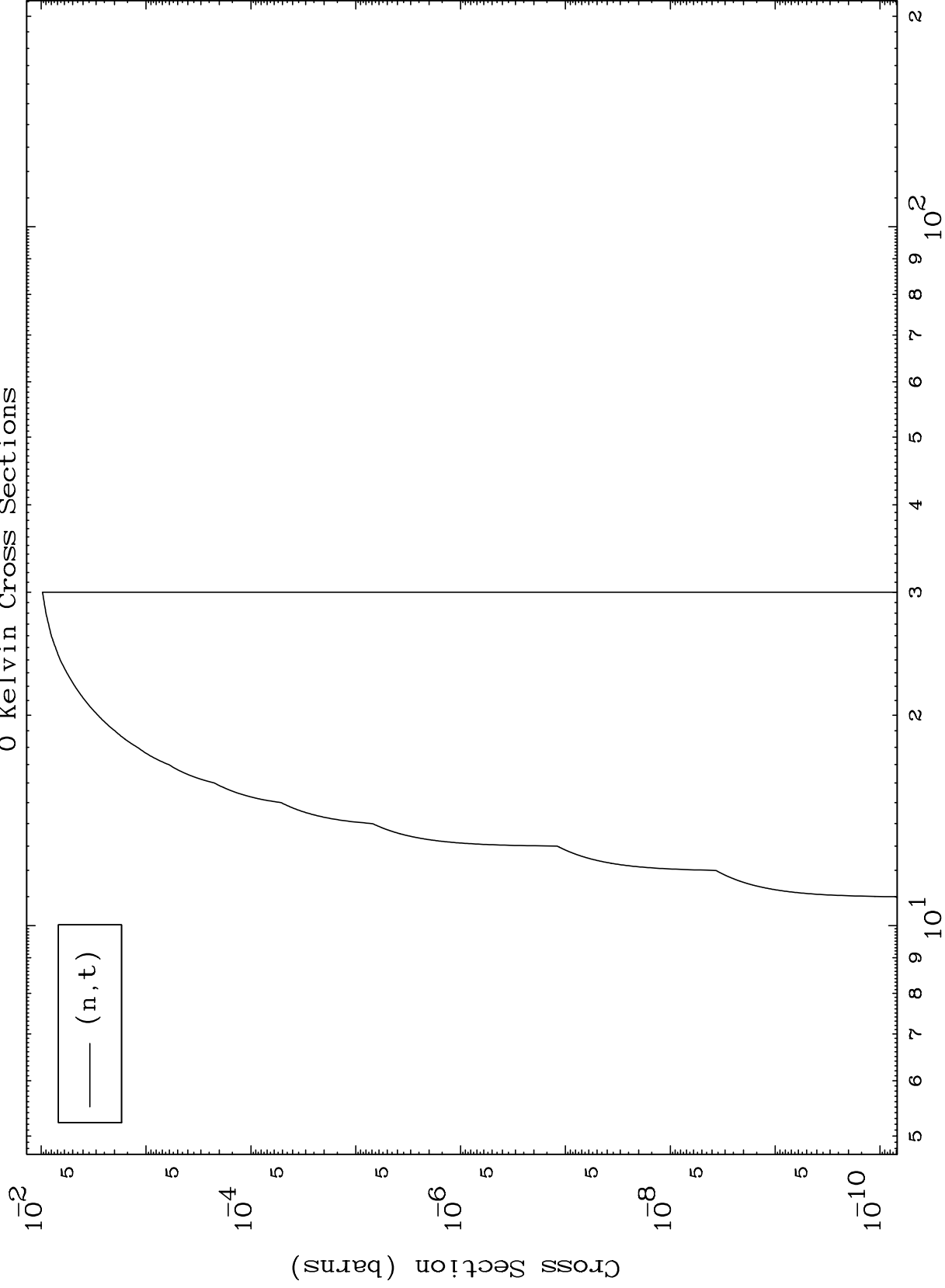
Incident Energy (MeV)

72-Hf-160

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(d,t) Levels
0 Kelvin Cross Sections

72-Hf-160



10

Incident Energy (MeV)

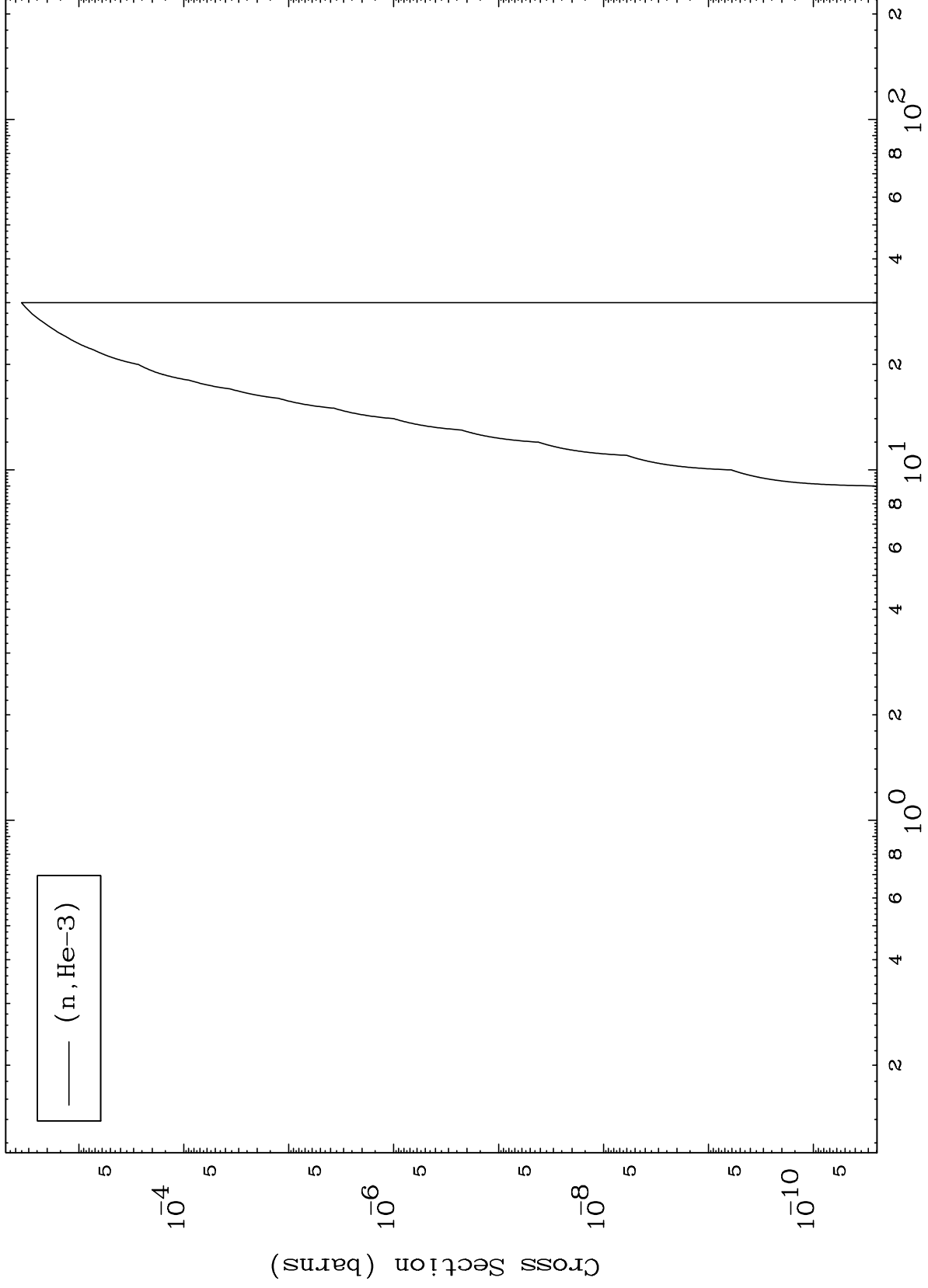
72-Hf-160

MAT 7183

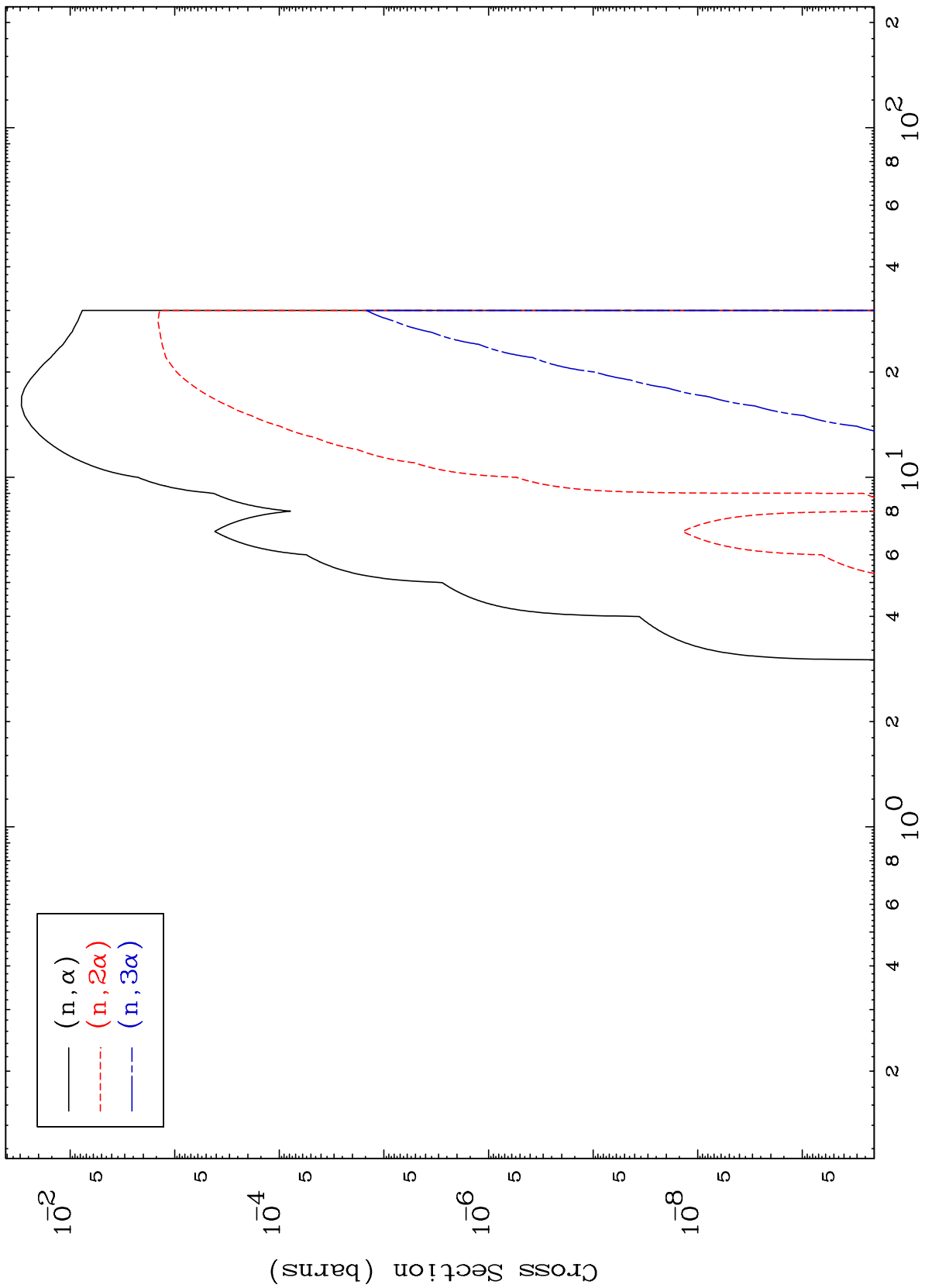
(d,He3) Levels

72-Hf-160

0 Kelvin Cross Sections



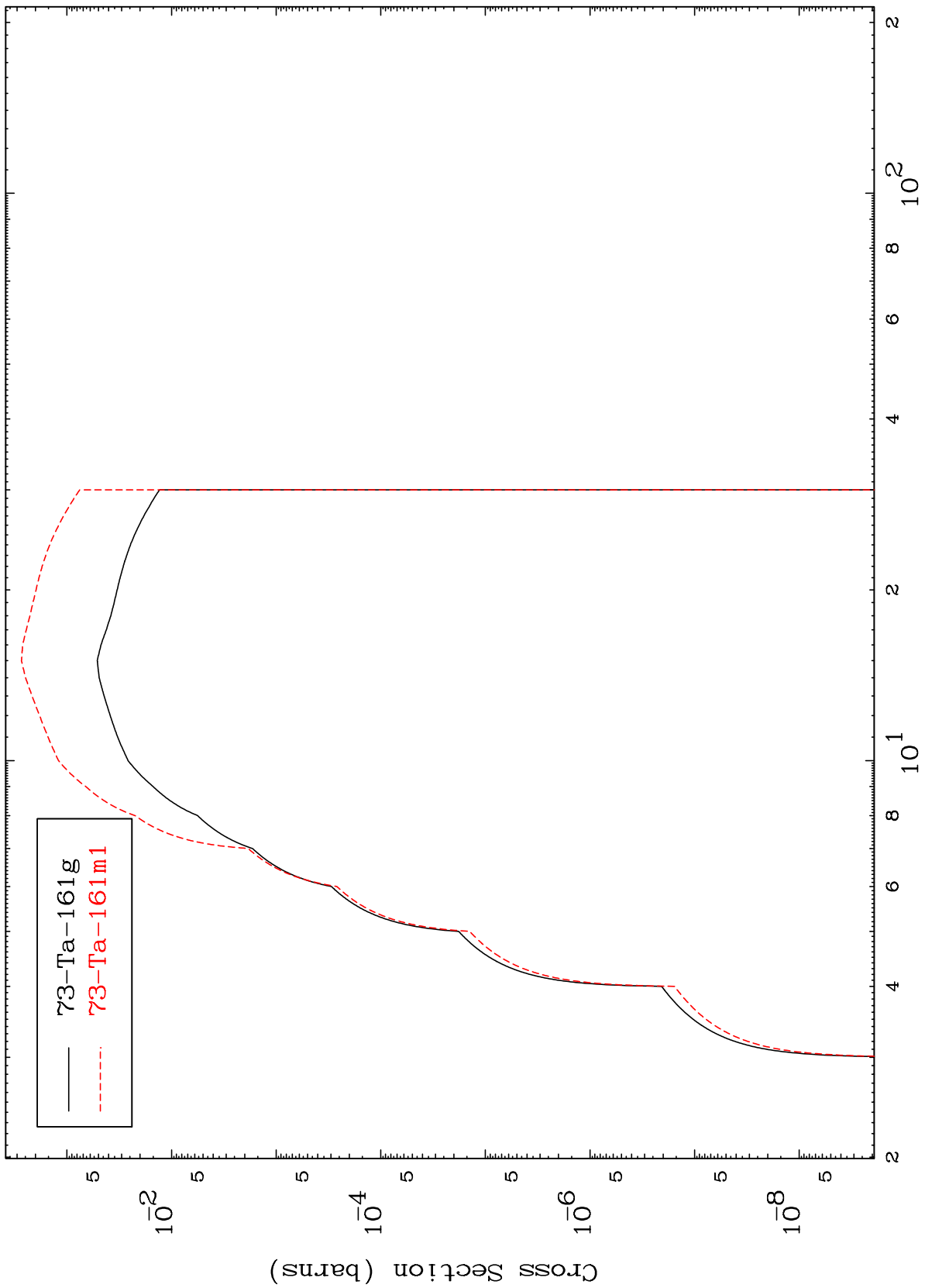
0 Kelvin Cross Sections



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72-Hf-160

Radionuclide Production Cross Section



13

Incident Energy (MeV)

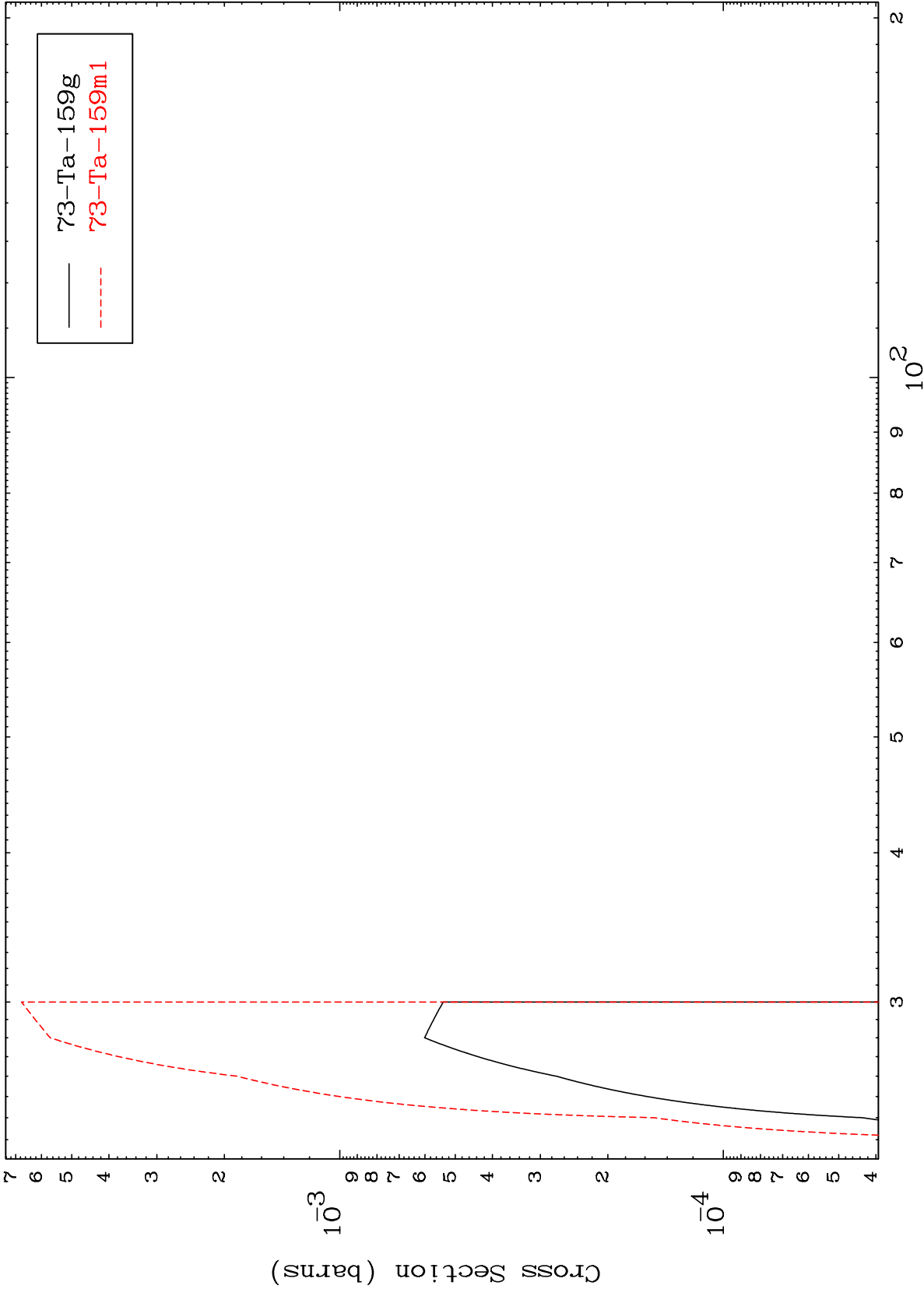
72-Hf-160

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(n,3n)

72-Hf-160

Radionuclide Production Cross Section



73-Ta-159g
73-Ta-159m1

14

Incident Energy (MeV)

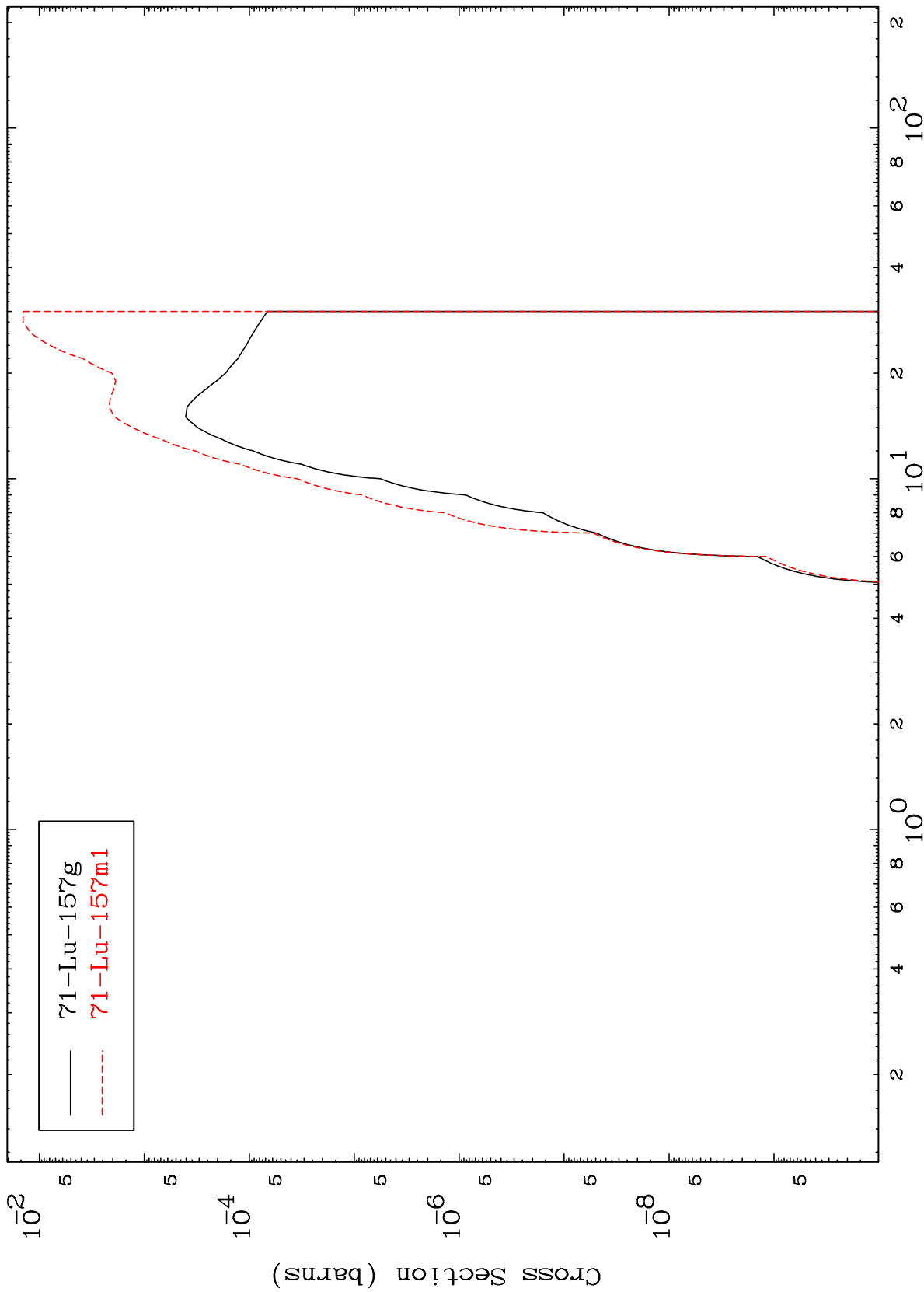
72-Hf-160

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$(n, n') \alpha$

$^{72}\text{Hf-160}$

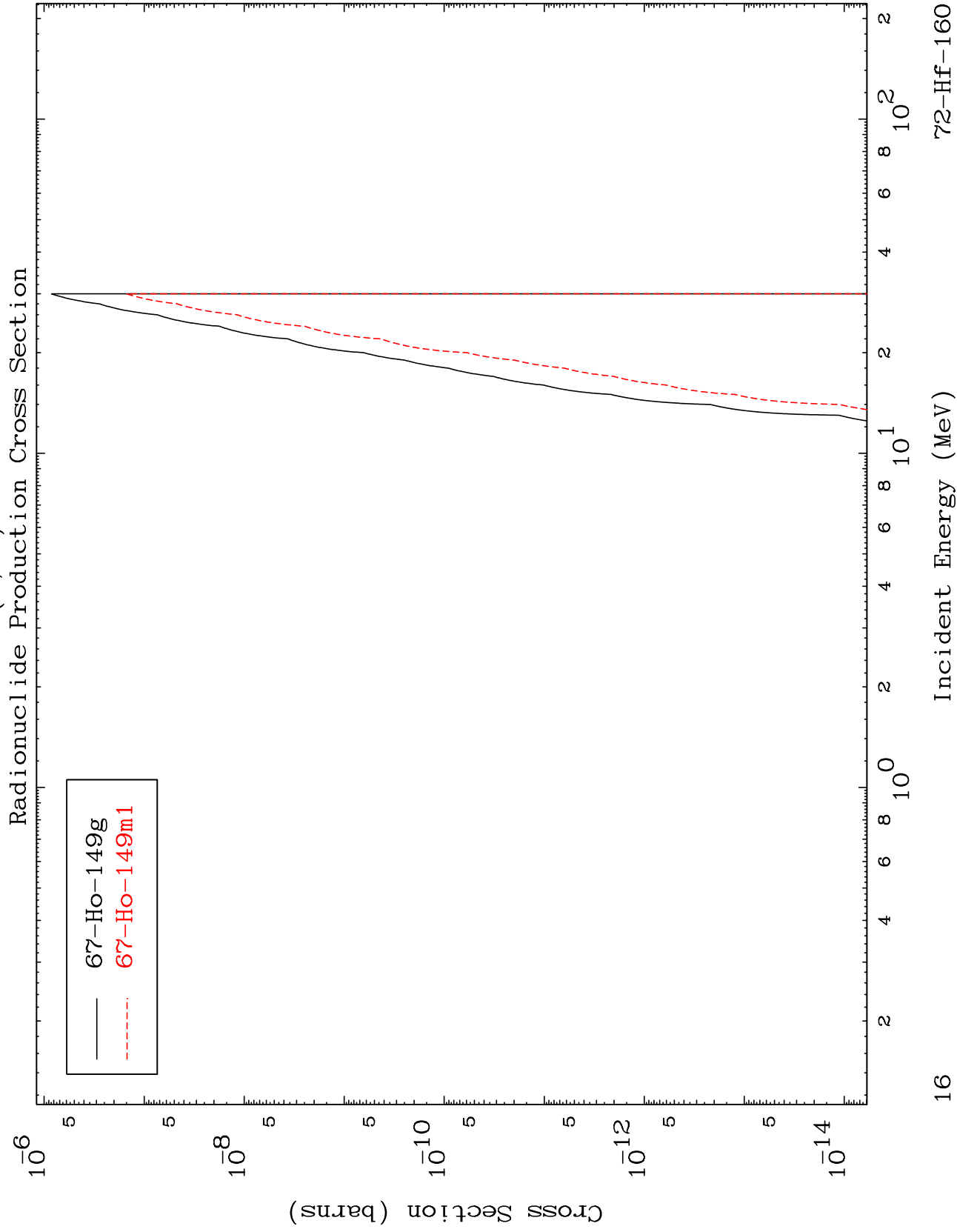
Radionuclide Production Cross Section



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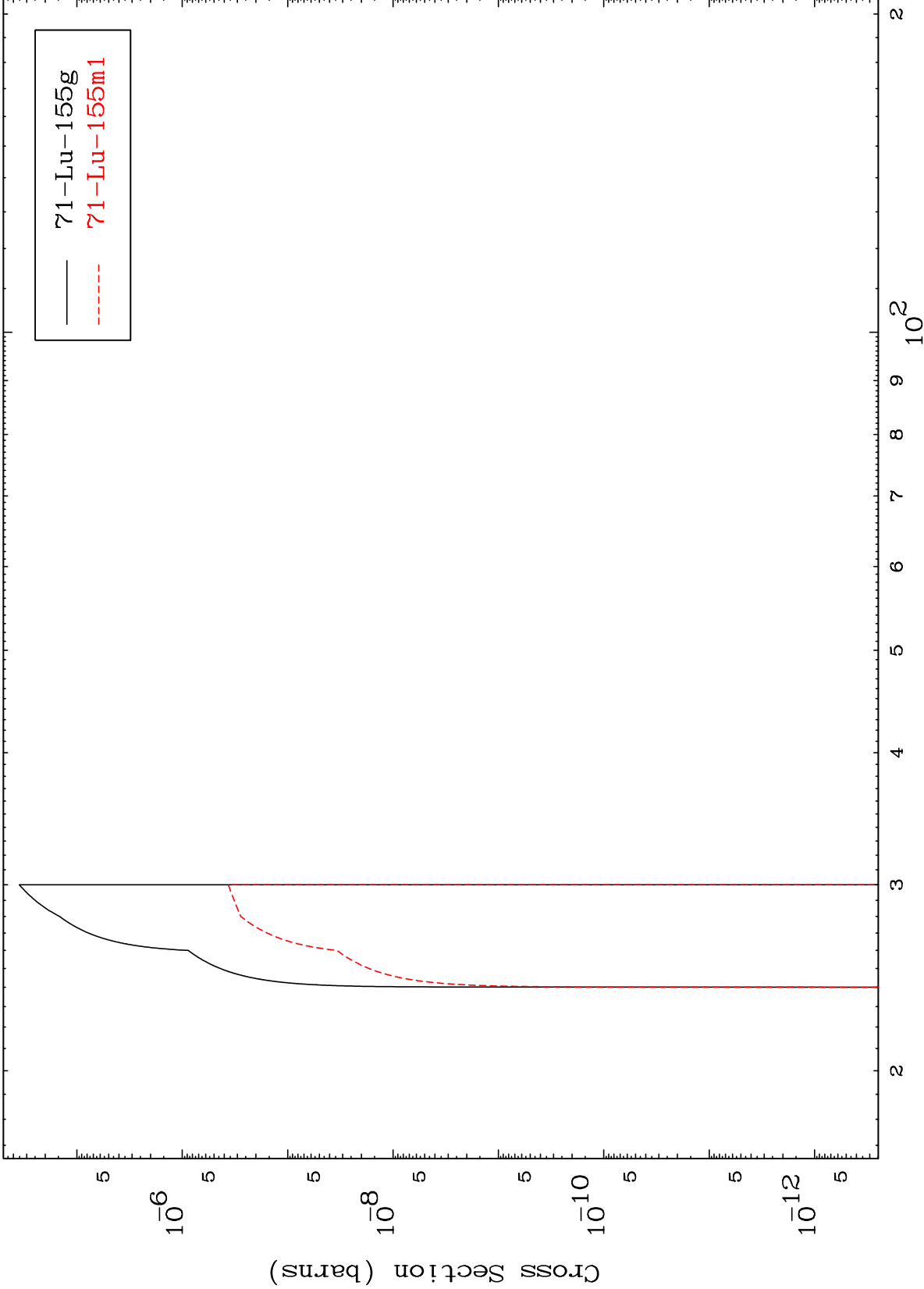
(n,n') 3 α

72-Hf-160



16

Radionuclide Production Cross Section

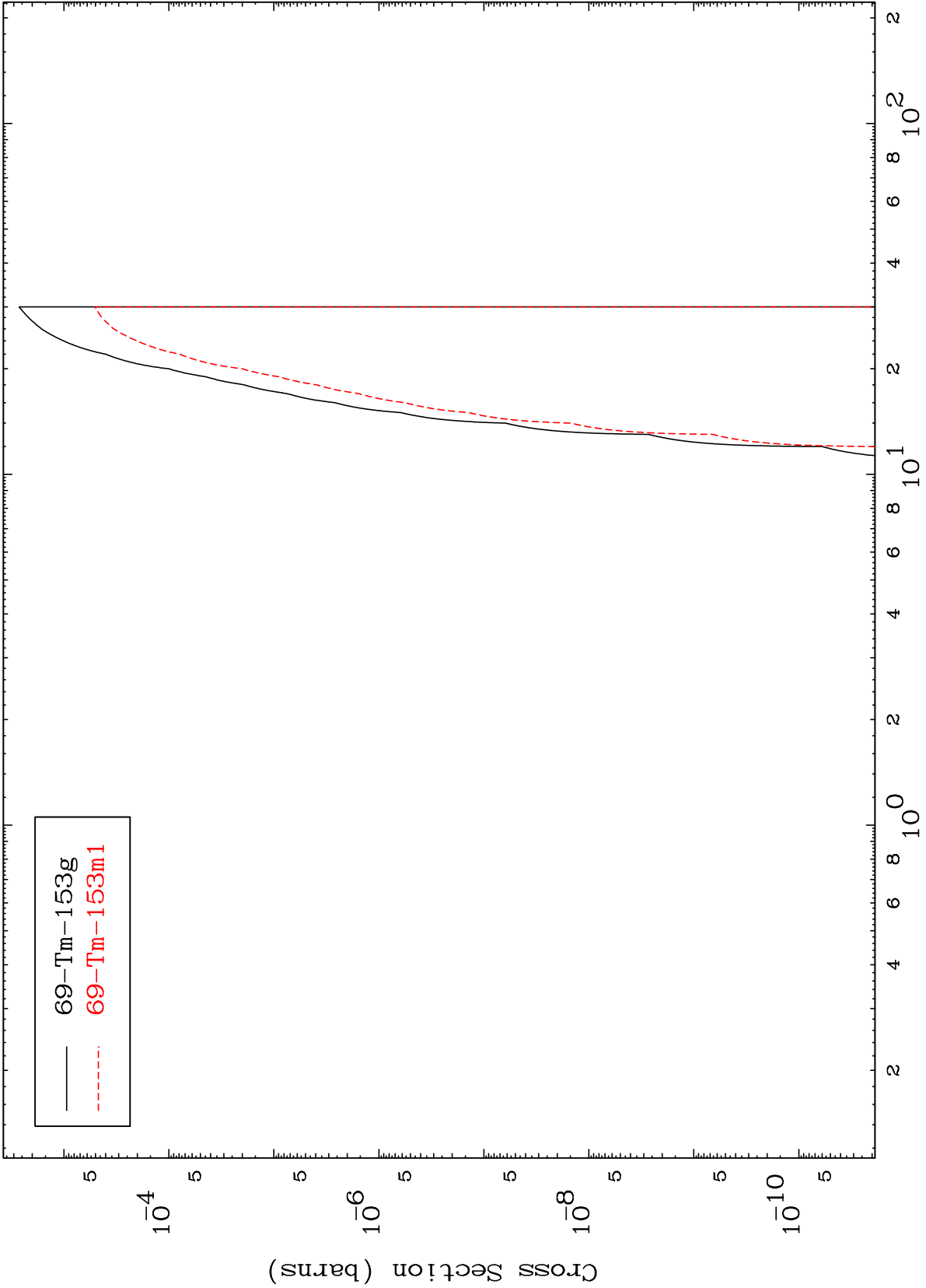


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(n,n') 2 α

72-Hf-160

Radionuclide Production Cross Section



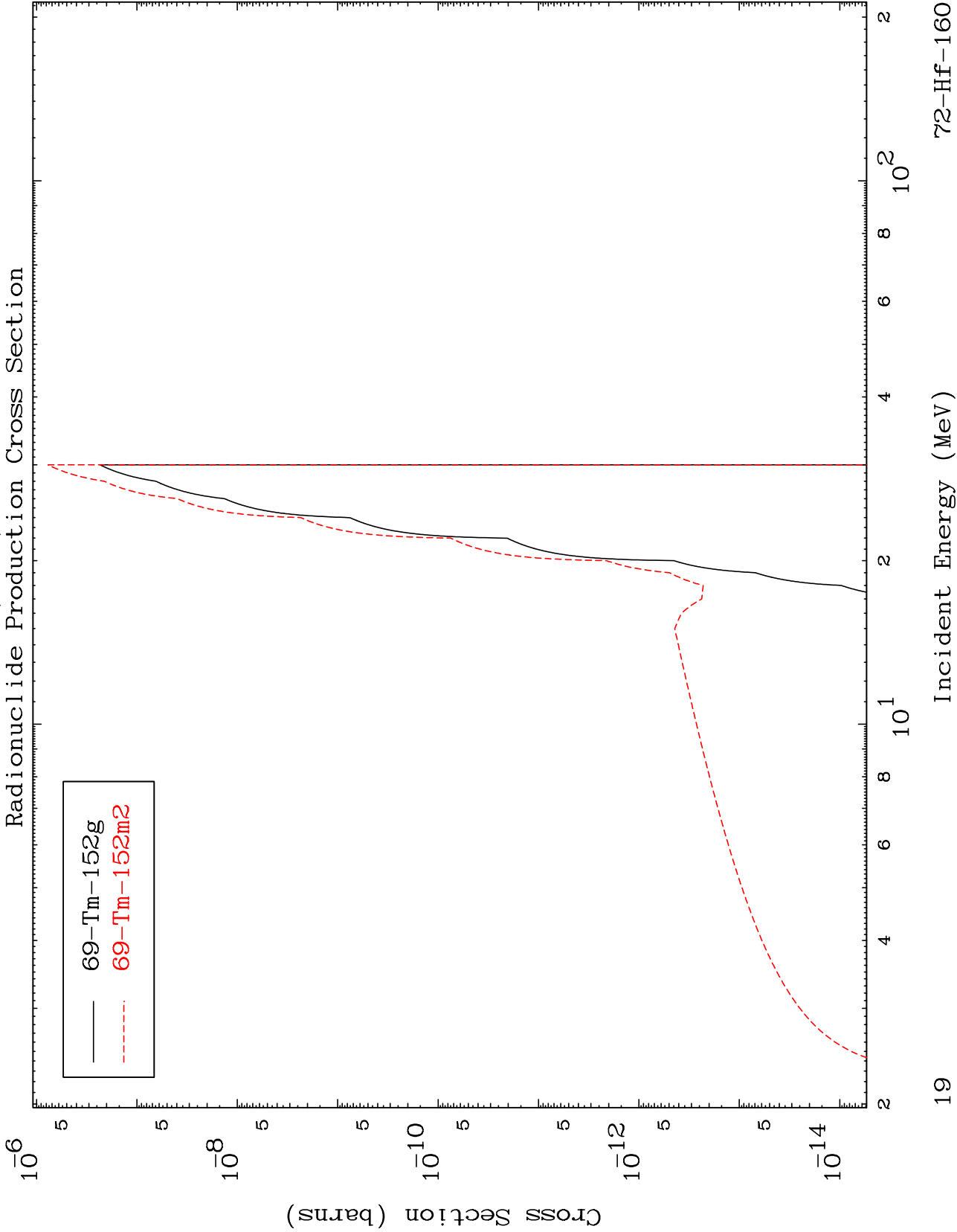
69-Tm-153g
69-Tm-153m1

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$^{72}\text{Hf-160}$

$^{69}\text{Tm-152g}$

Radionuclide Production Cross Section

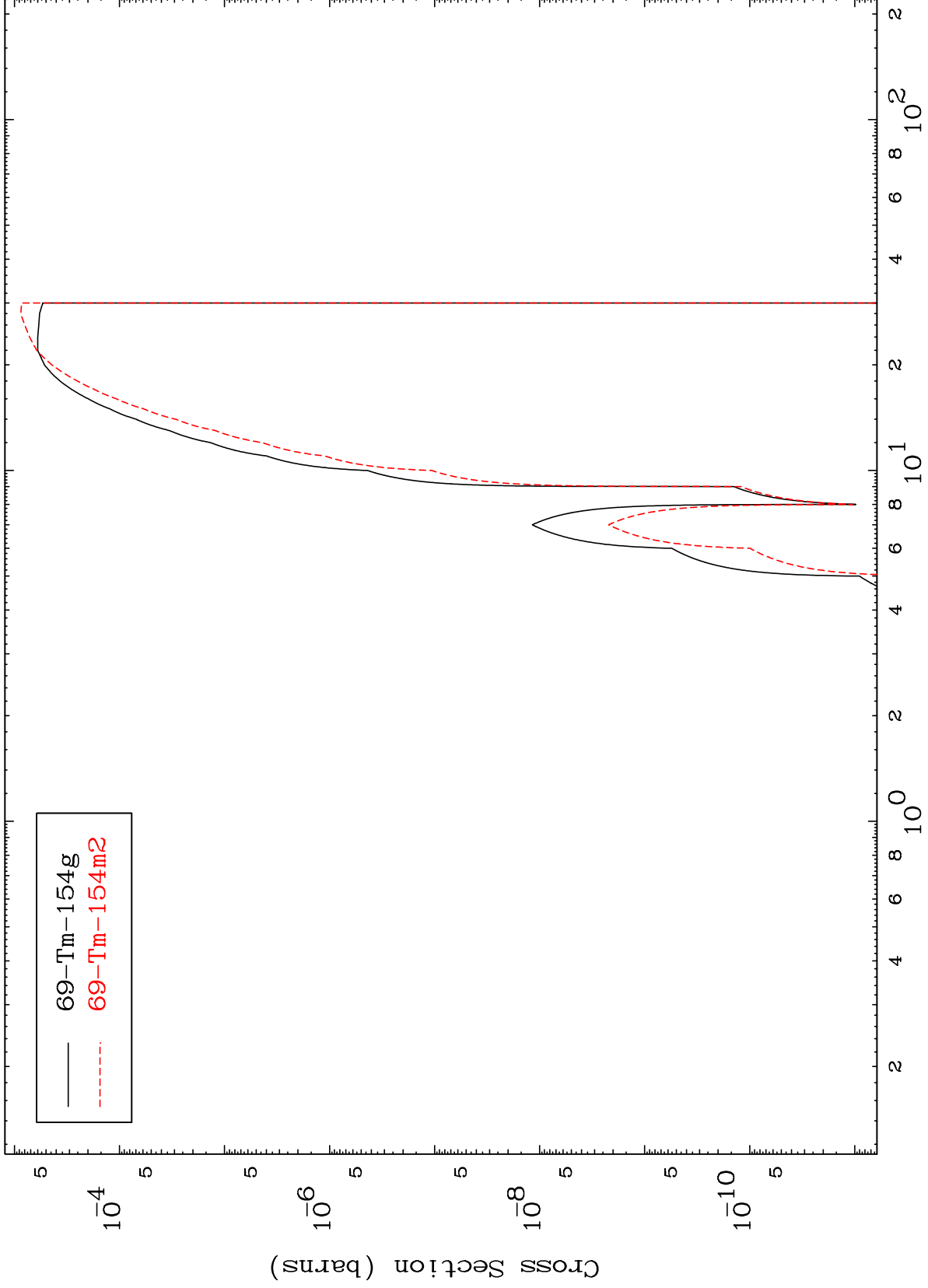


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(n,2α)

72-Hf-160

Radionuclide Production Cross Section

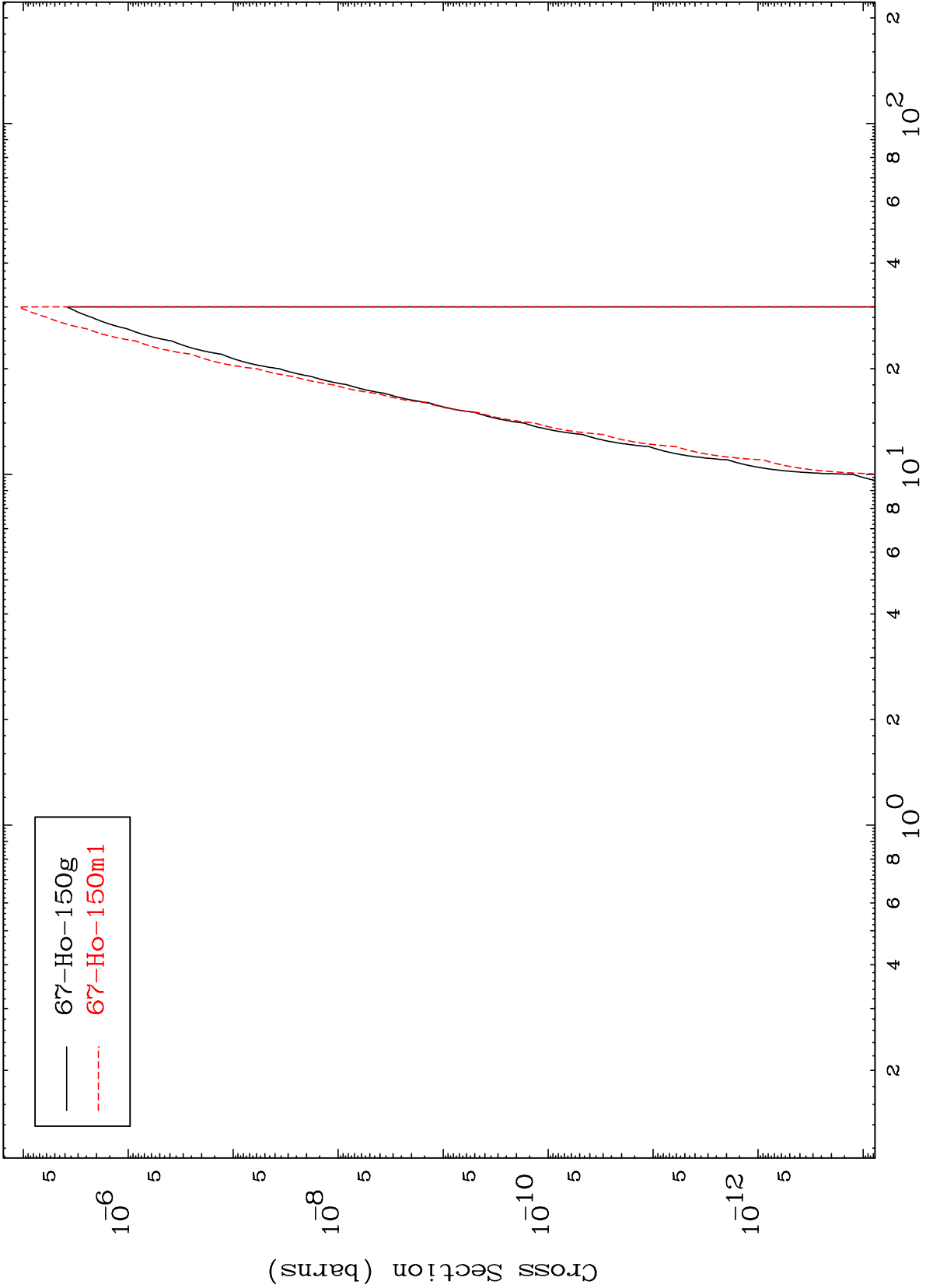


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(n, 3α)

72-Hf-160

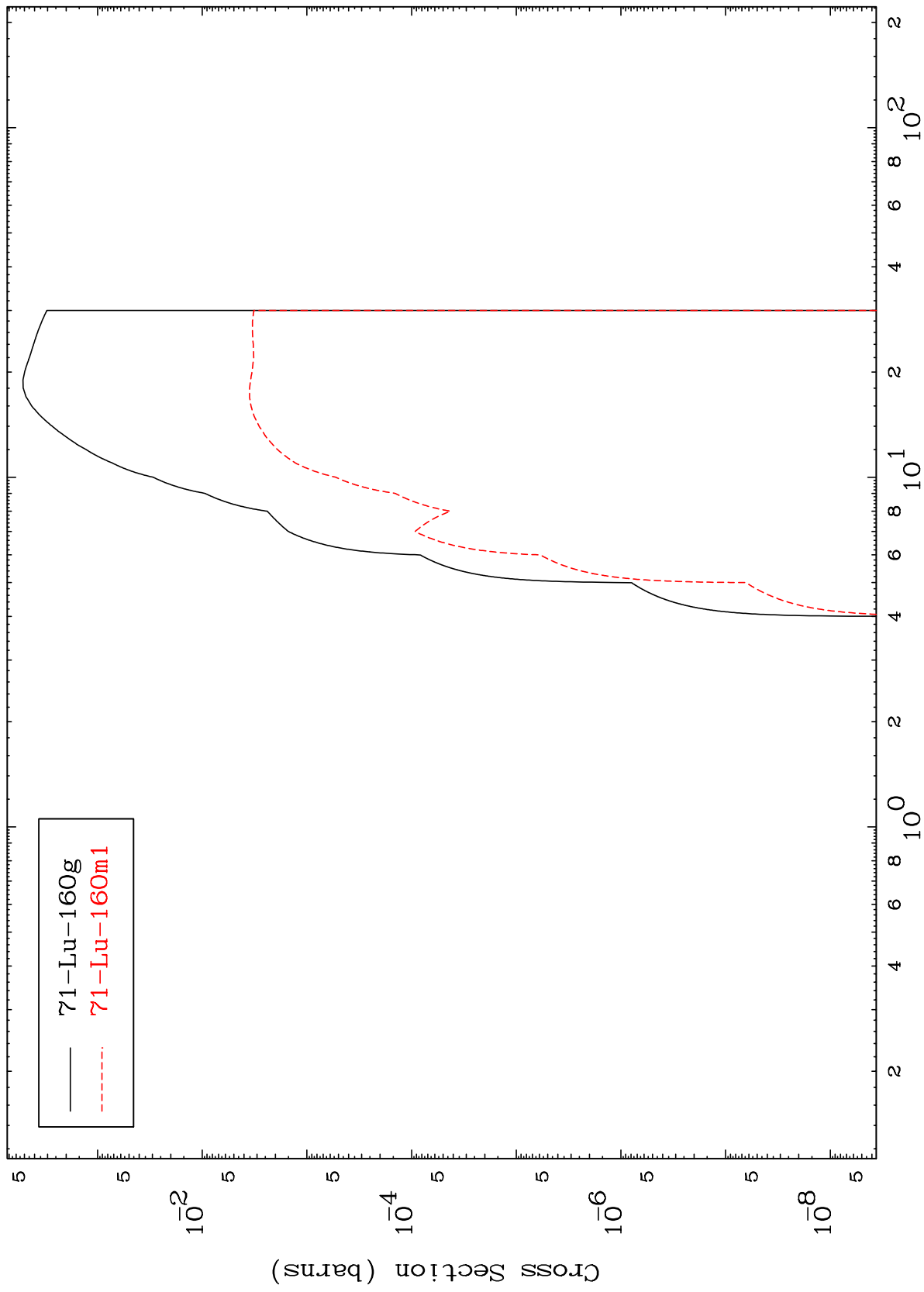
Radionuclide Production Cross Section



MAT 7183

72-Hf-160

Radionuclide Production Cross Section



23

Incident Energy (MeV)

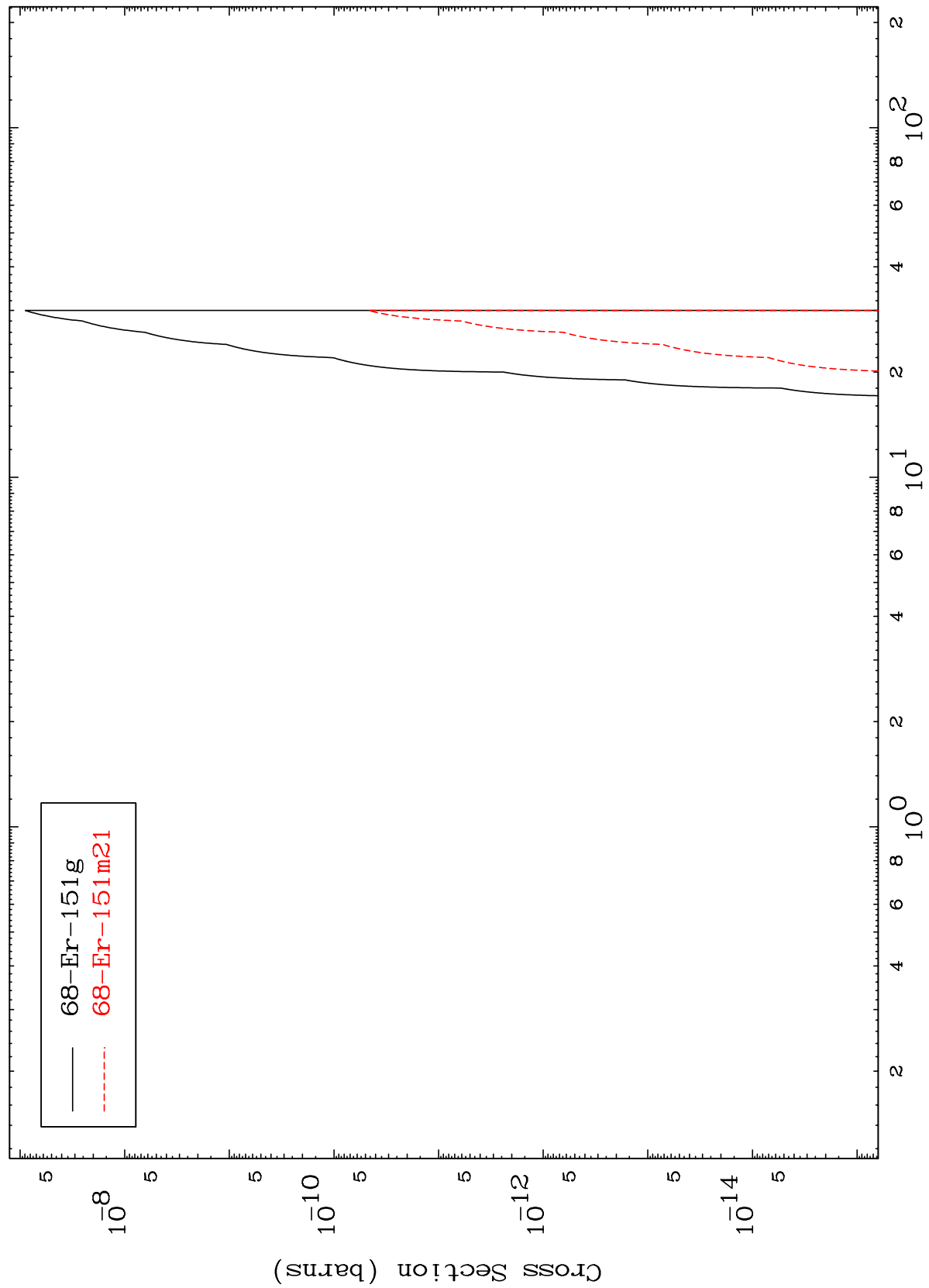
72-Hf-160

MAT 7183

(n,t) 2 α

72-Hf-160

Radionuclide Production Cross Section



24

Incident Energy (MeV)

72-Hf-160