

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

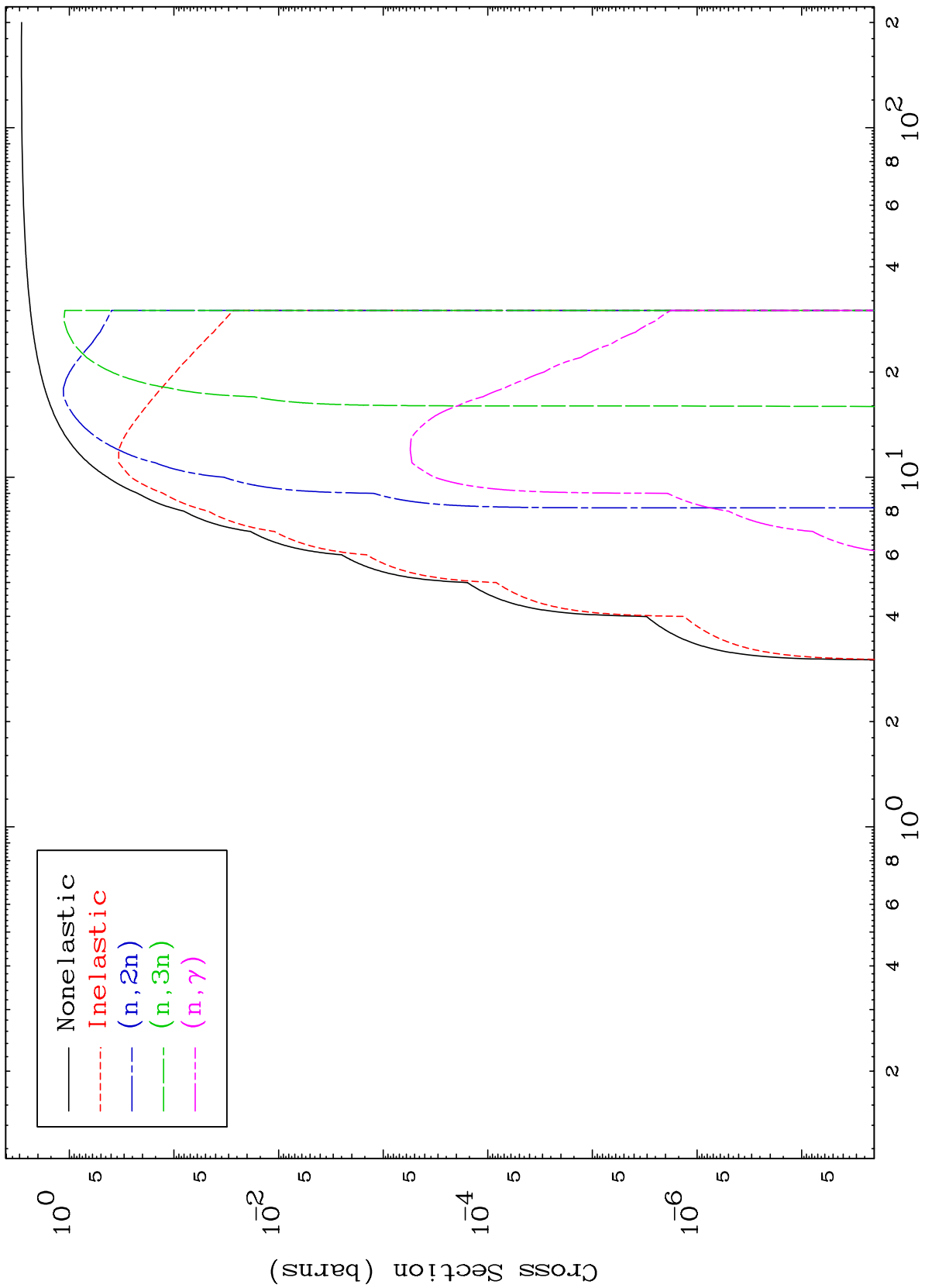
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Web:redcullen1.net/HOMEPAGE.NEW

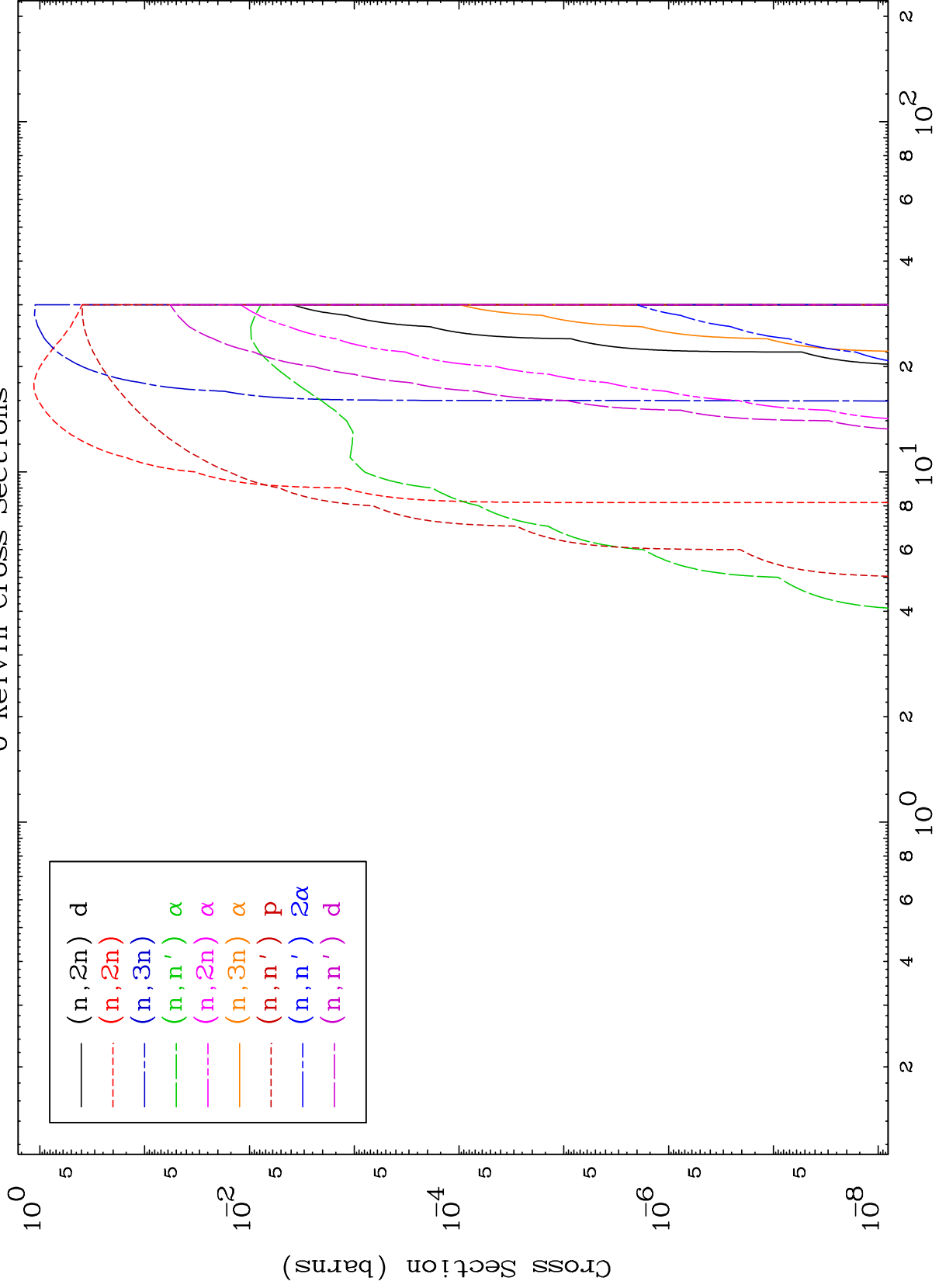
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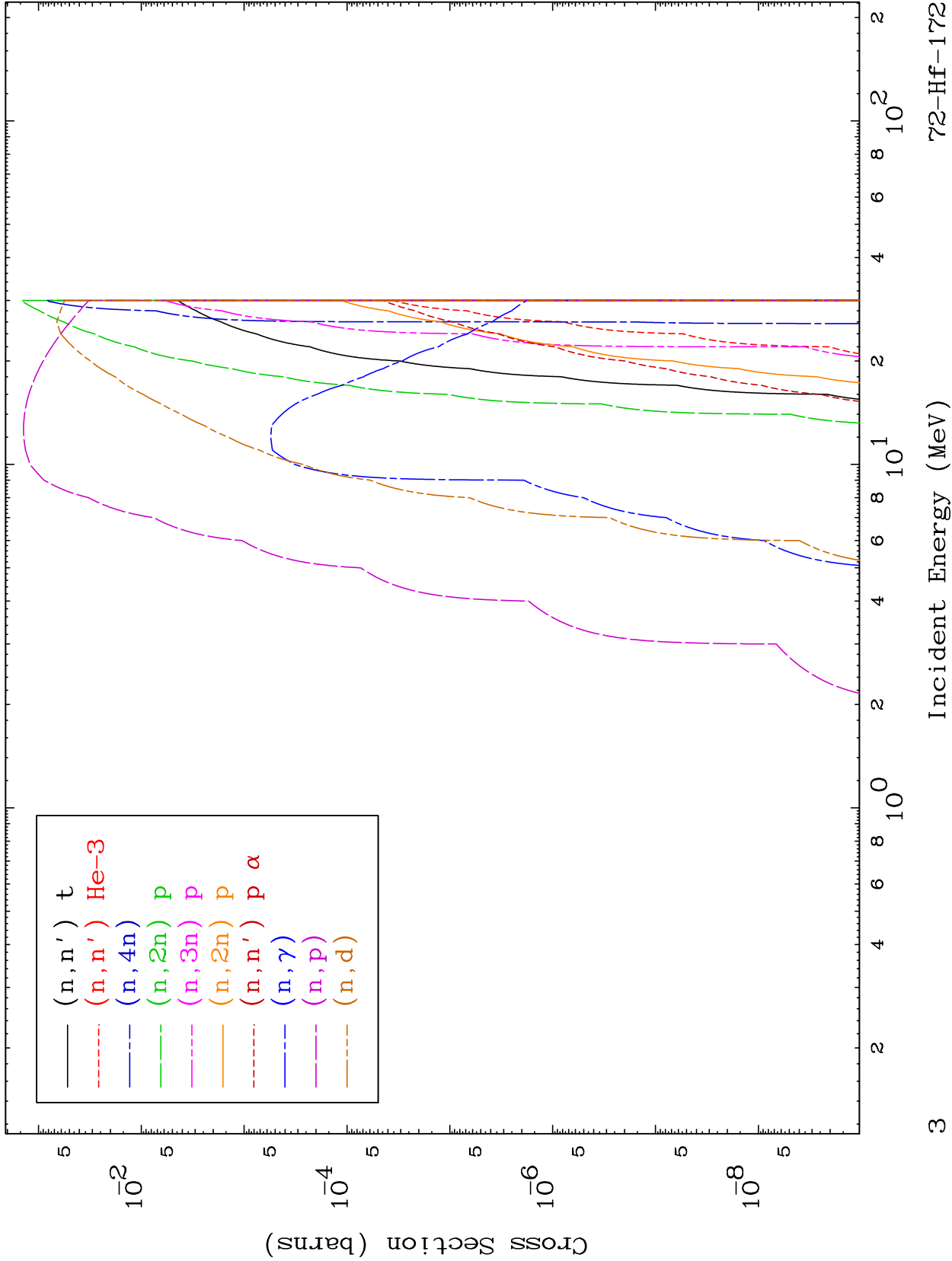


MAT 7219

Deuteron Neutron Absorption
0 Kelvin Cross Sections

72-Hf-172

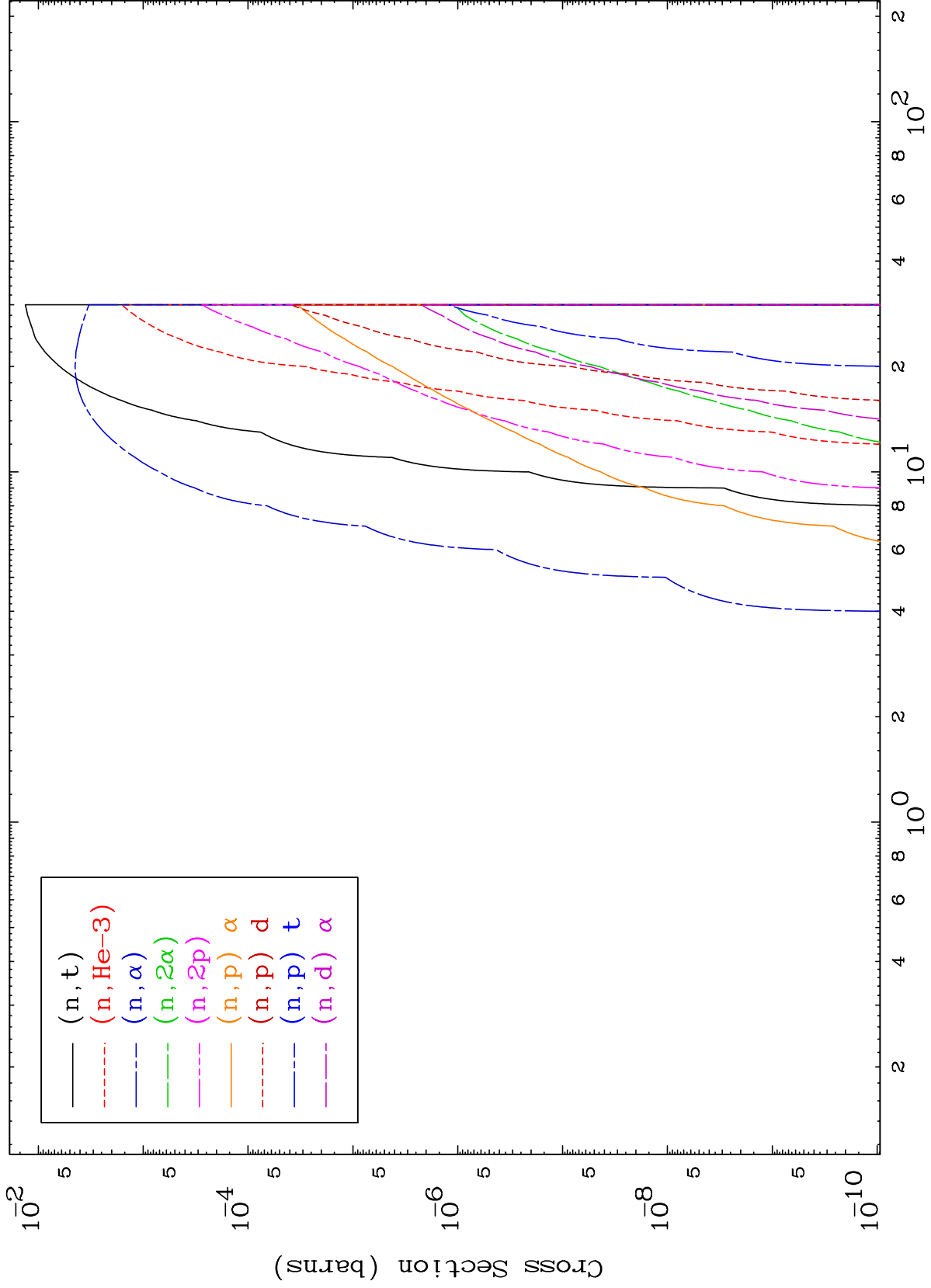


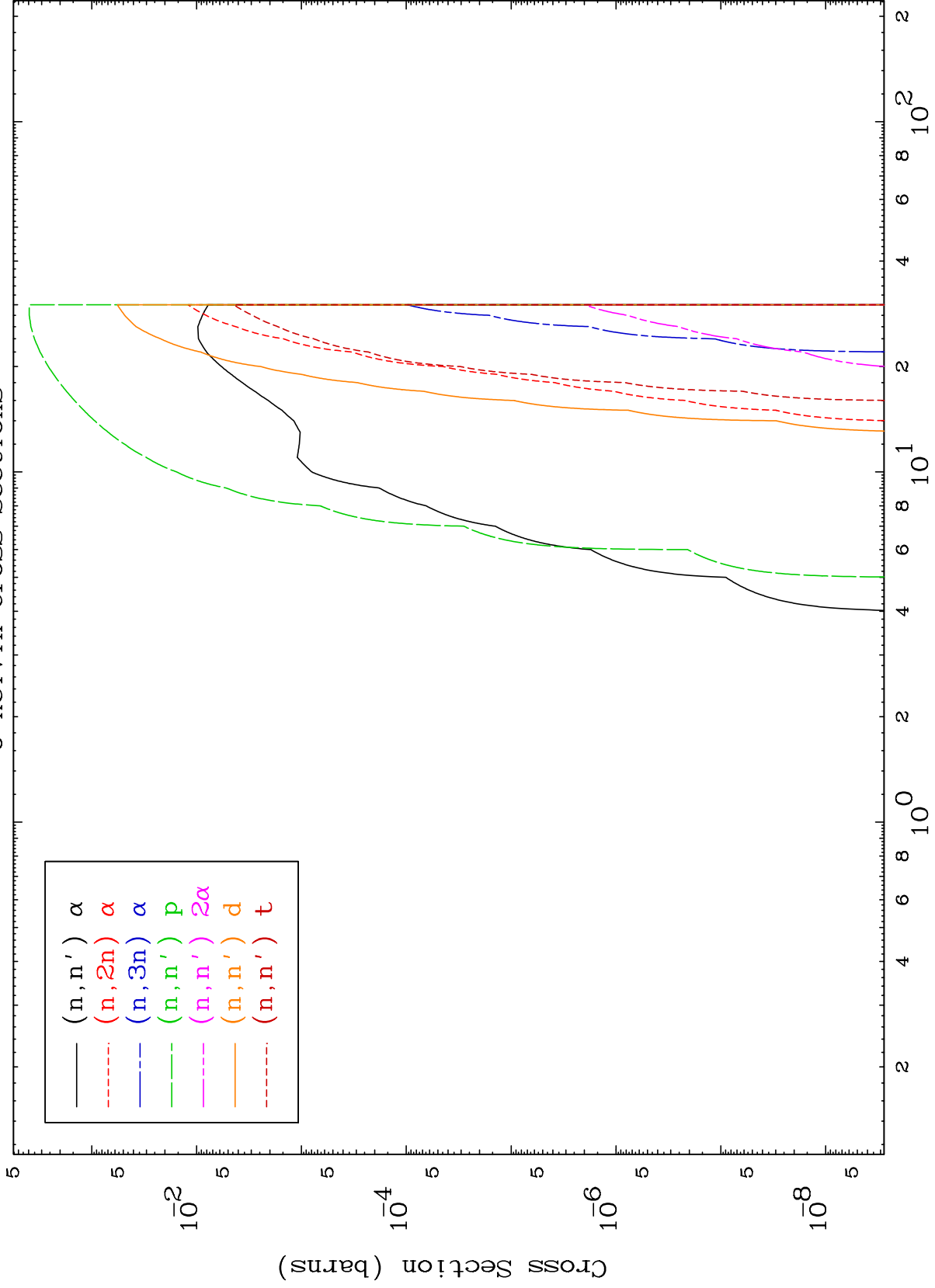


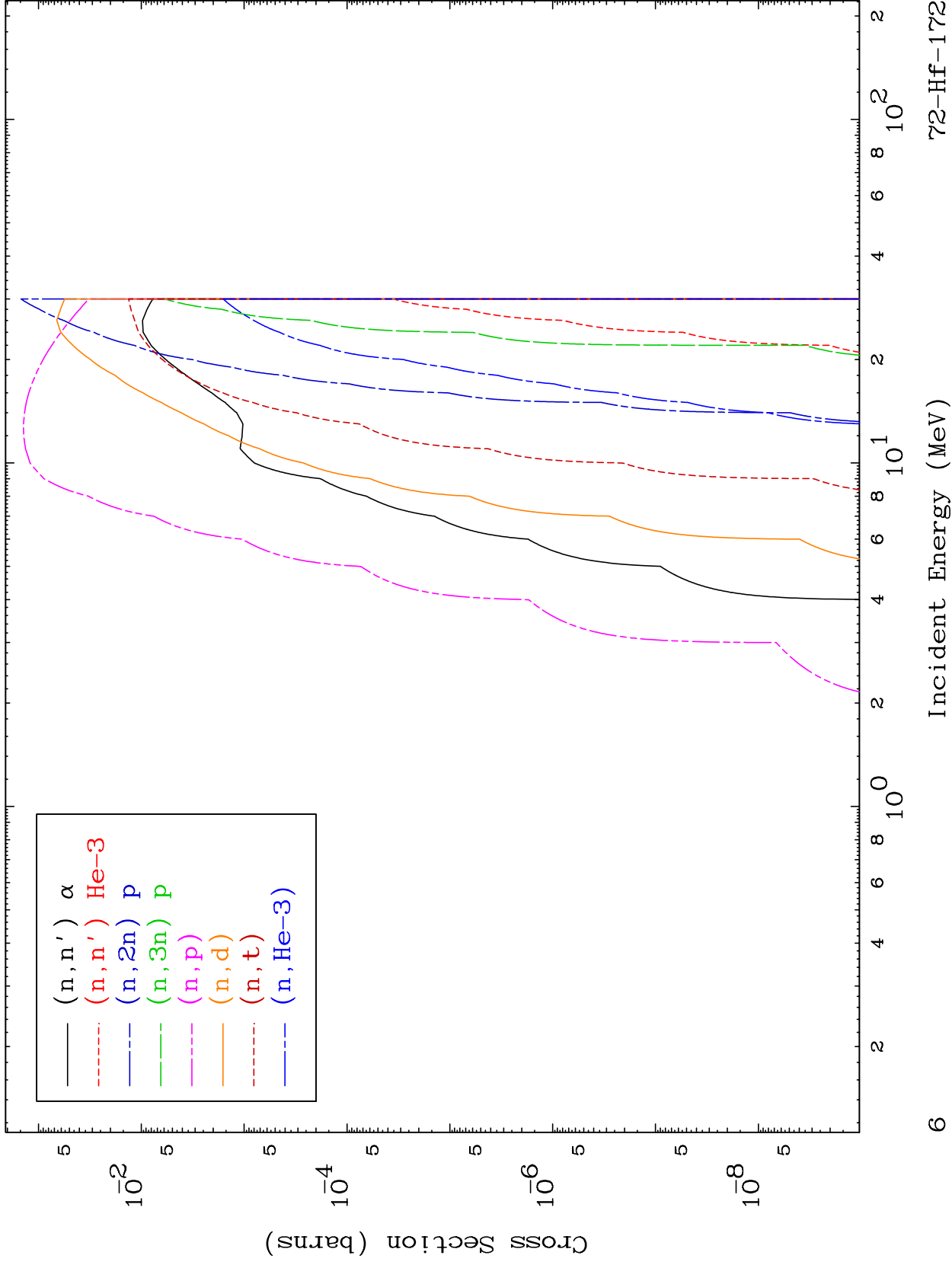
MAT 7219

Deuteron Neutron Absorption
0 Kelvin Cross Sections

72-Hf-172



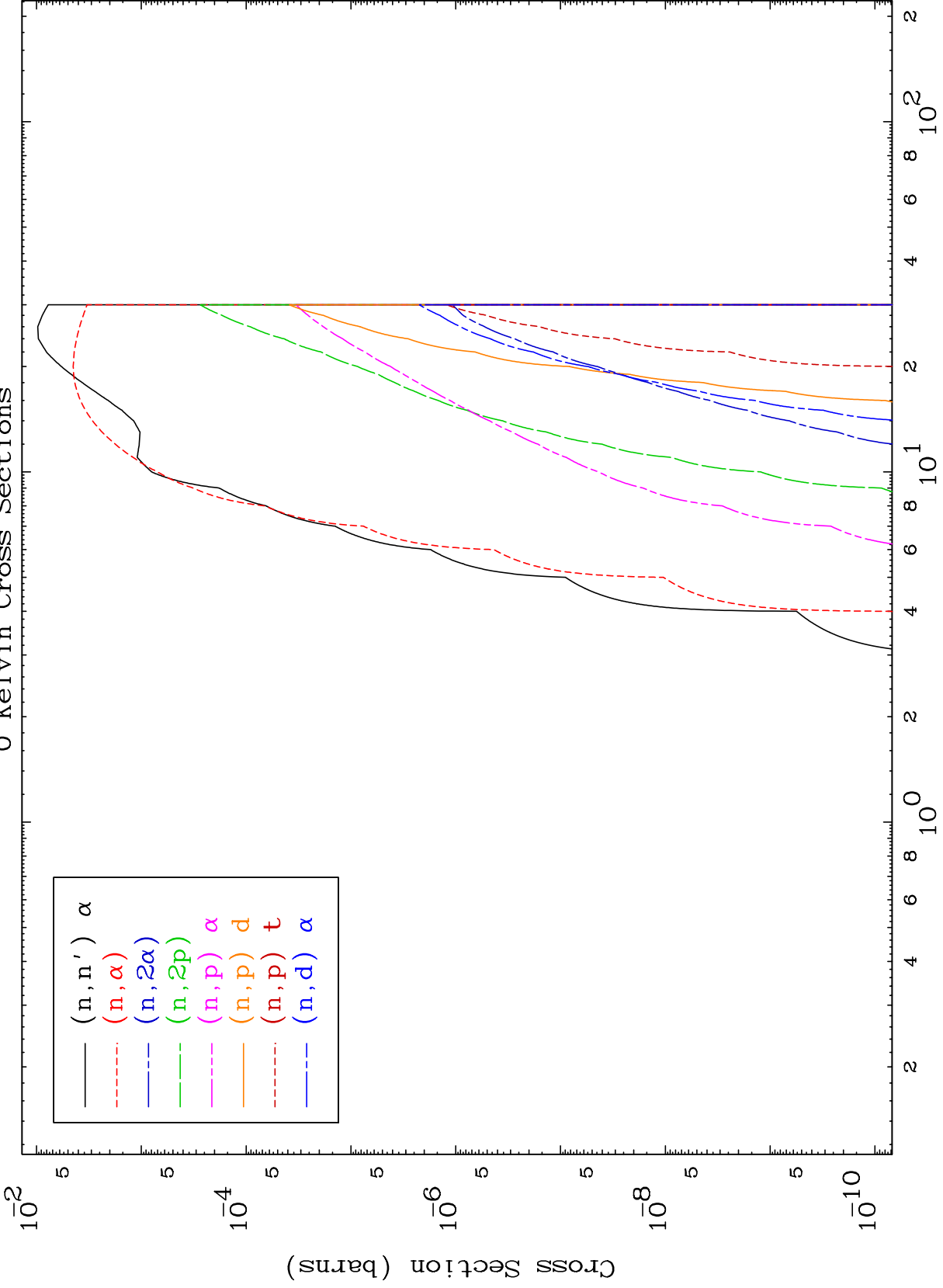




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Deuteron Charged Particle
0 Kelvin Cross Sections

72-Hf-172

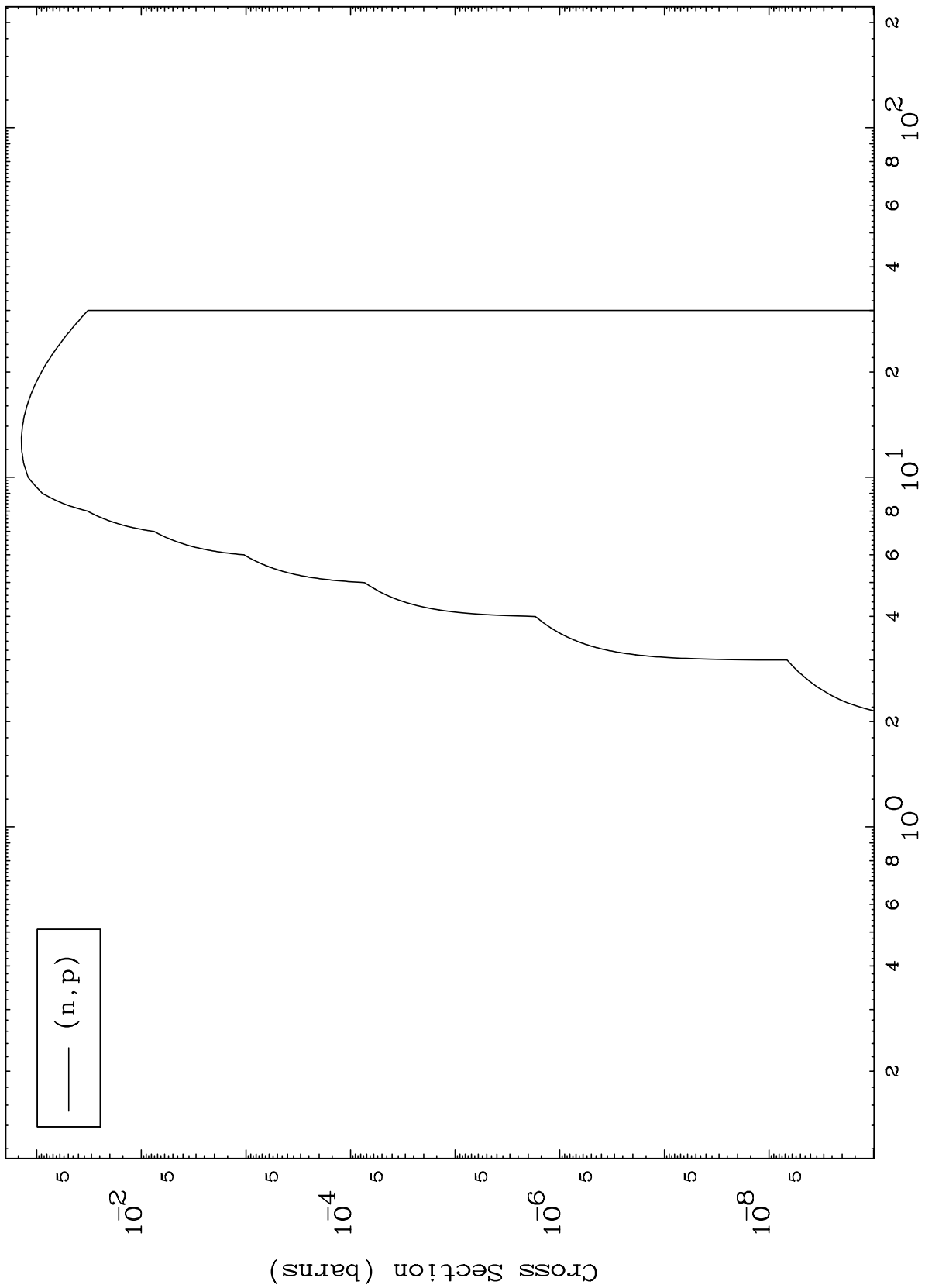


MAT 7219

(d,p) Levels

72-Hf-172

0 Kelvin Cross Sections

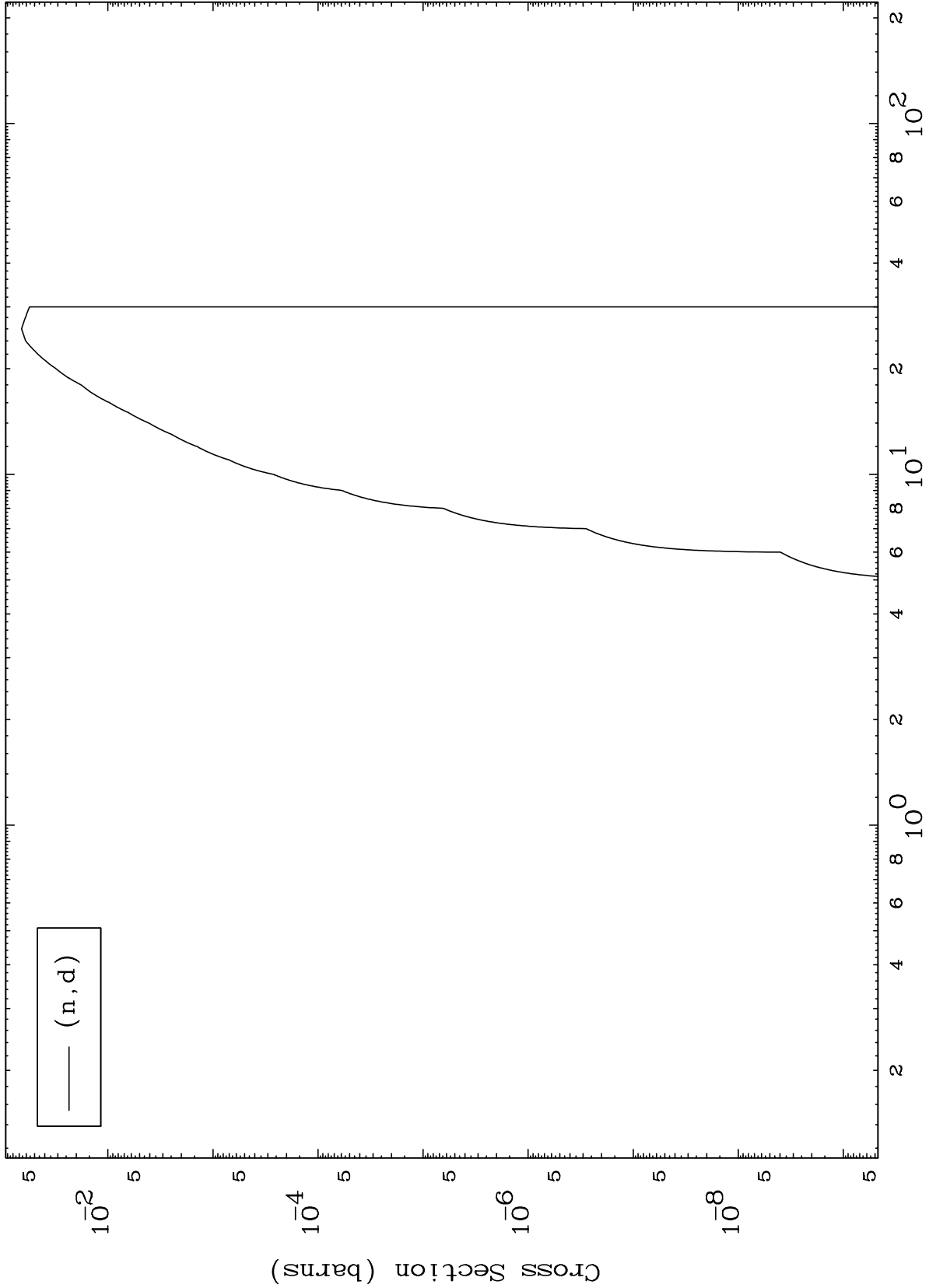


MAT 7219

(d,d) Levels

72-Hf-172

0 Kelvin Cross Sections

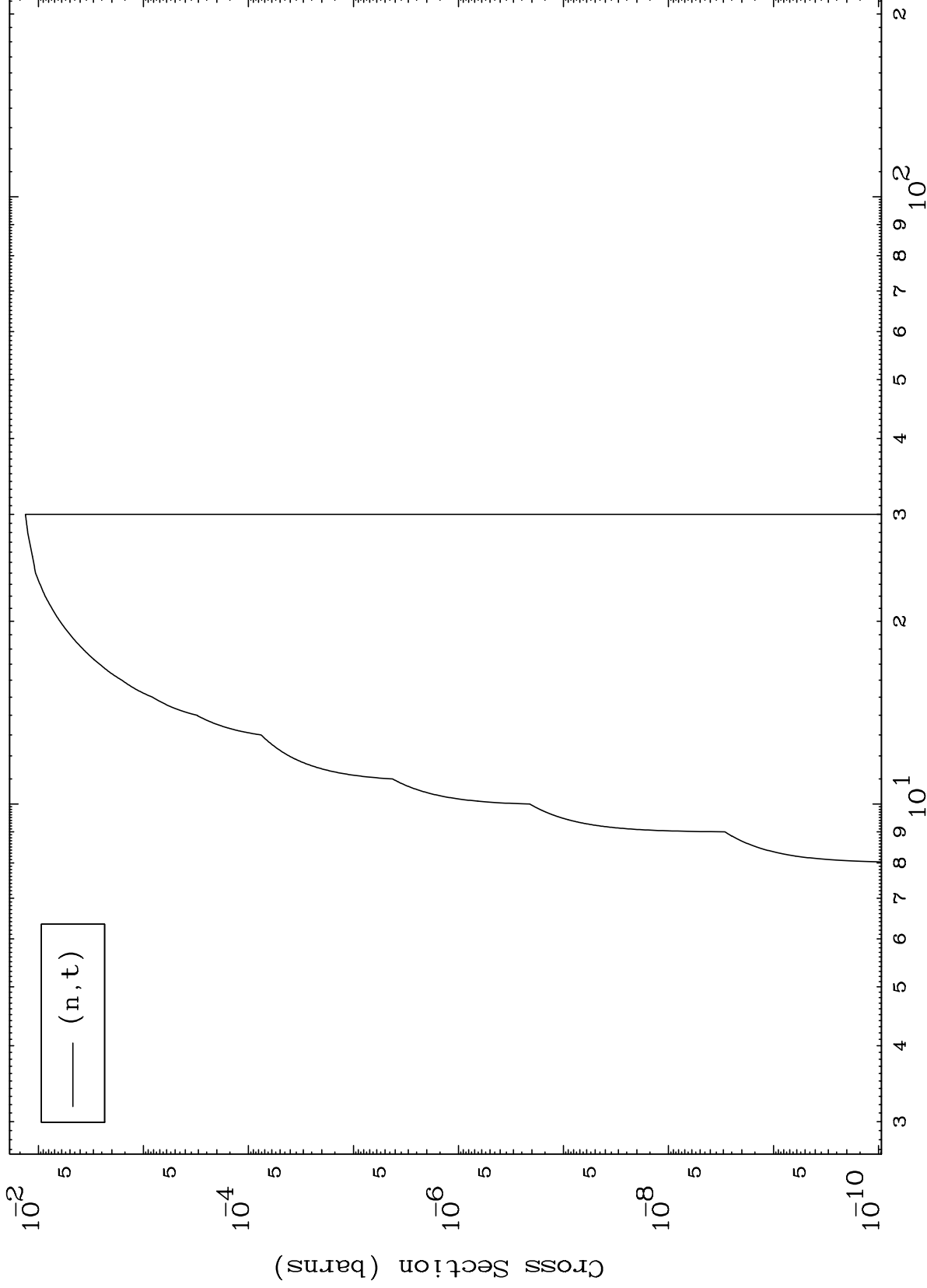


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(d,t) Levels

72-Hf-172

0 Kelvin Cross Sections



10

Incident Energy (MeV)

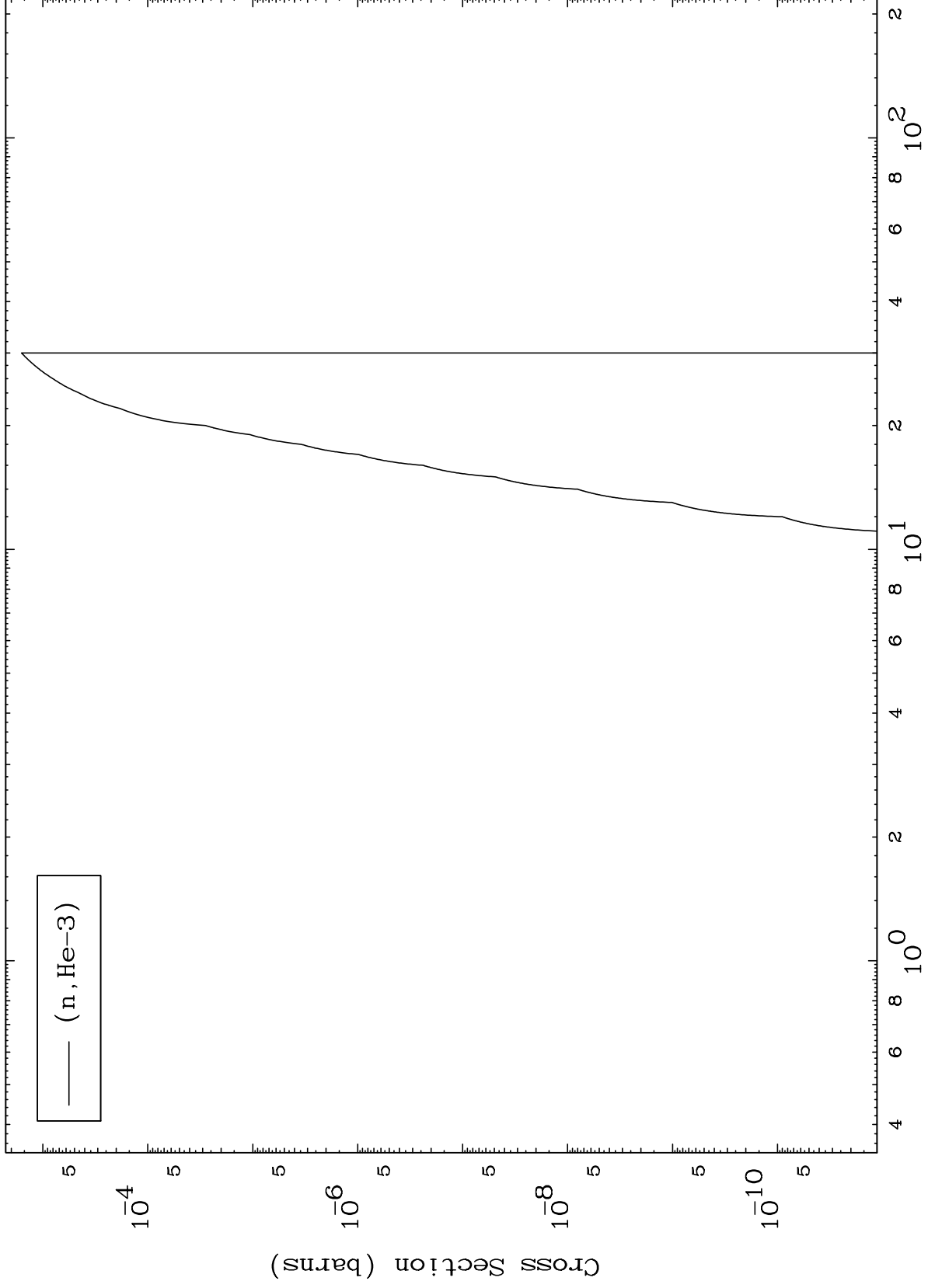
72-Hf-172

MAT 7219

(d,He3) Levels

72-Hf-172

0 Kelvin Cross Sections

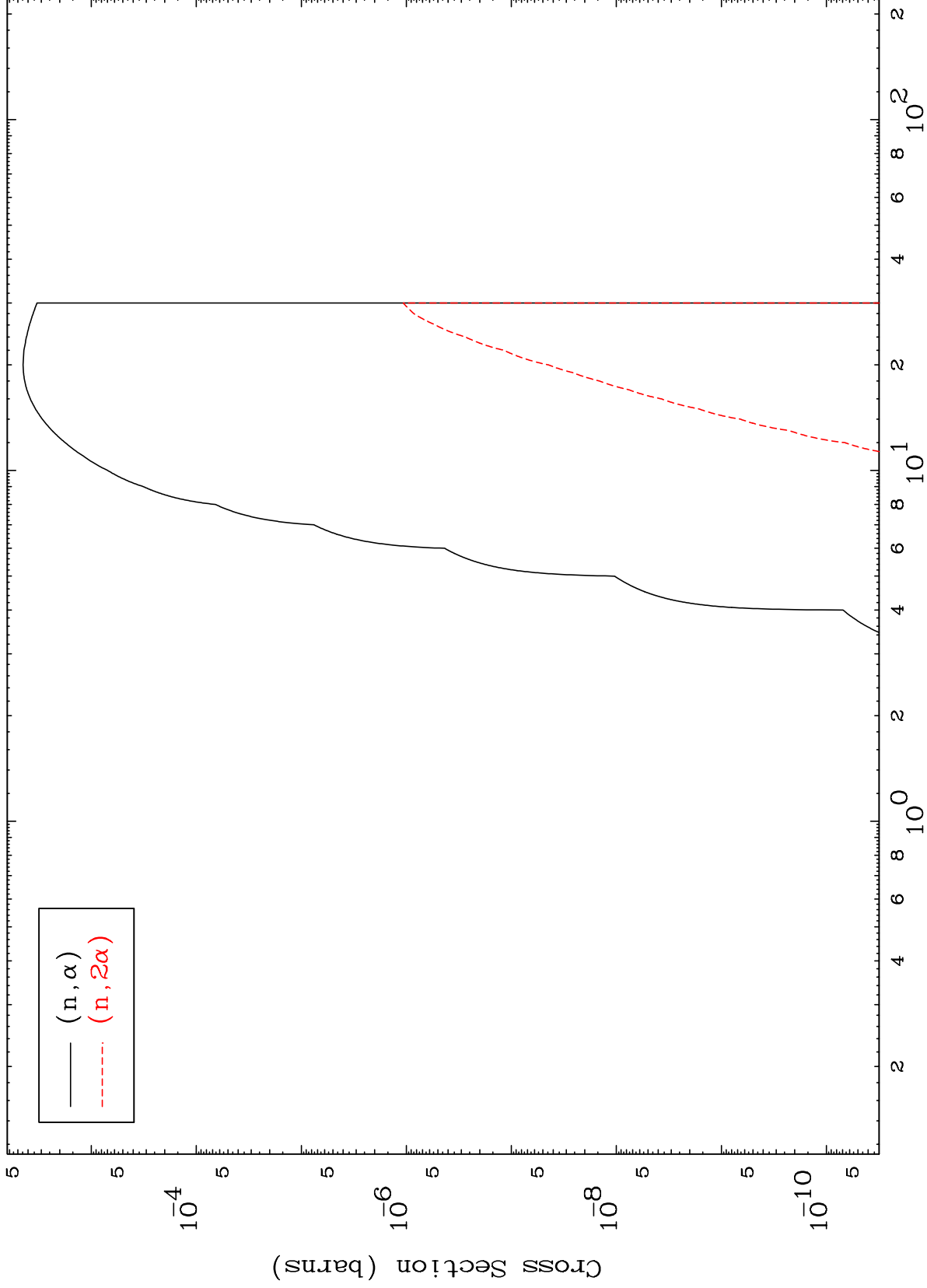


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(d, α) Levels

72-Hf-172

0 Kelvin Cross Sections



12

Incident Energy (MeV)

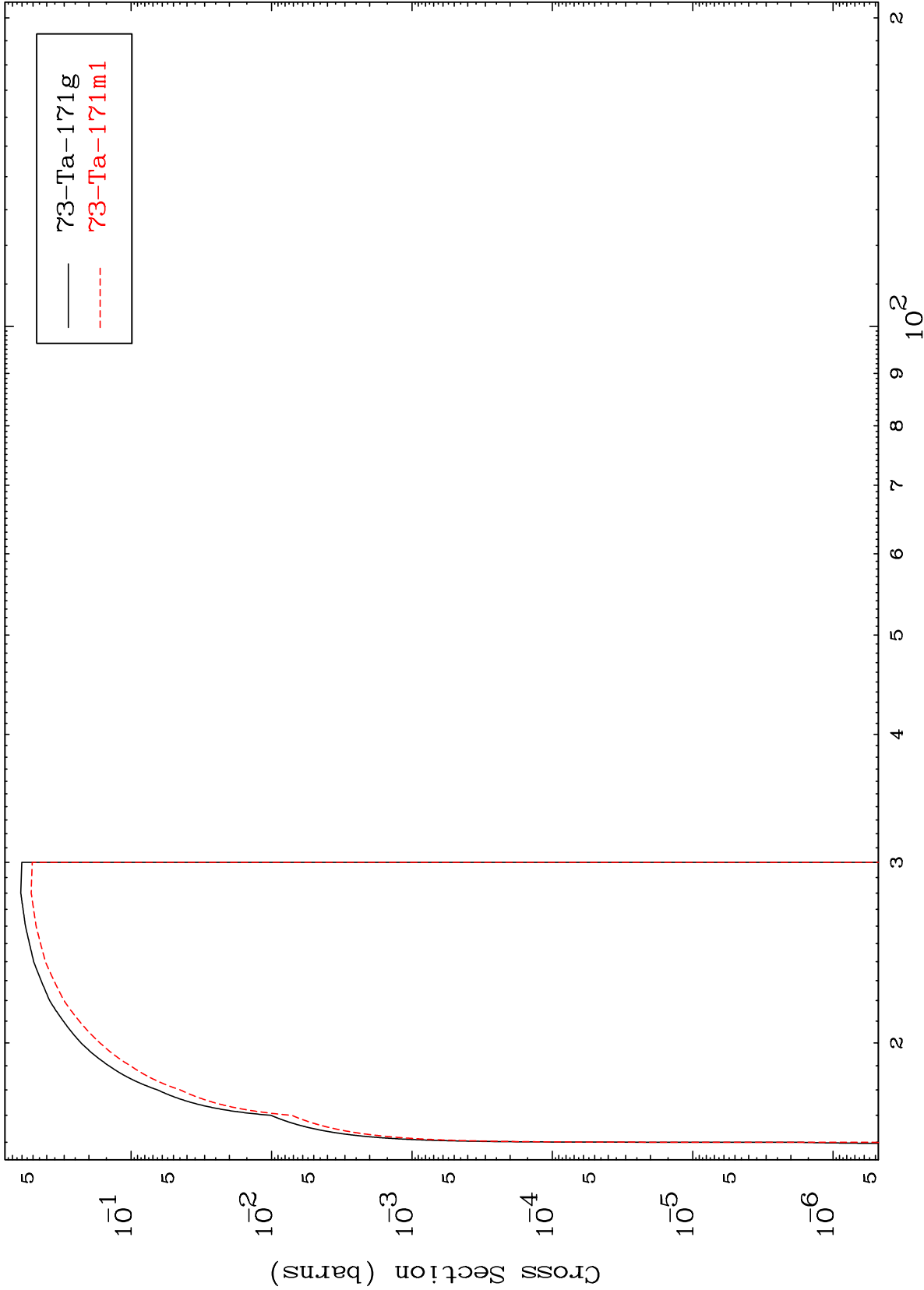
72-Hf-172

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(n,3n)

72-Hf-172

Radionuclide Production Cross Section

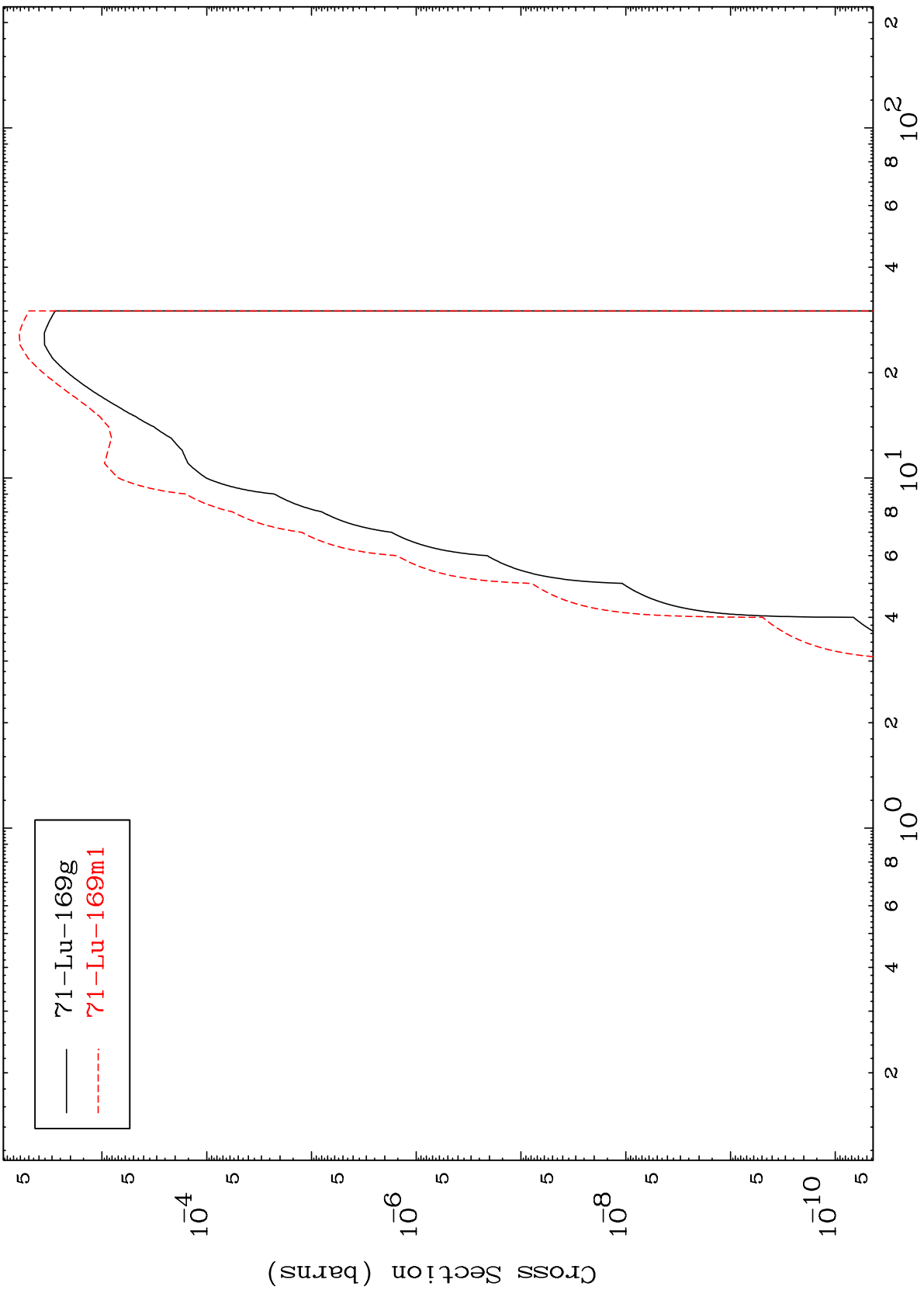


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$(n, n') \alpha$

72-Hf-172

Radionuclide Production Cross Section



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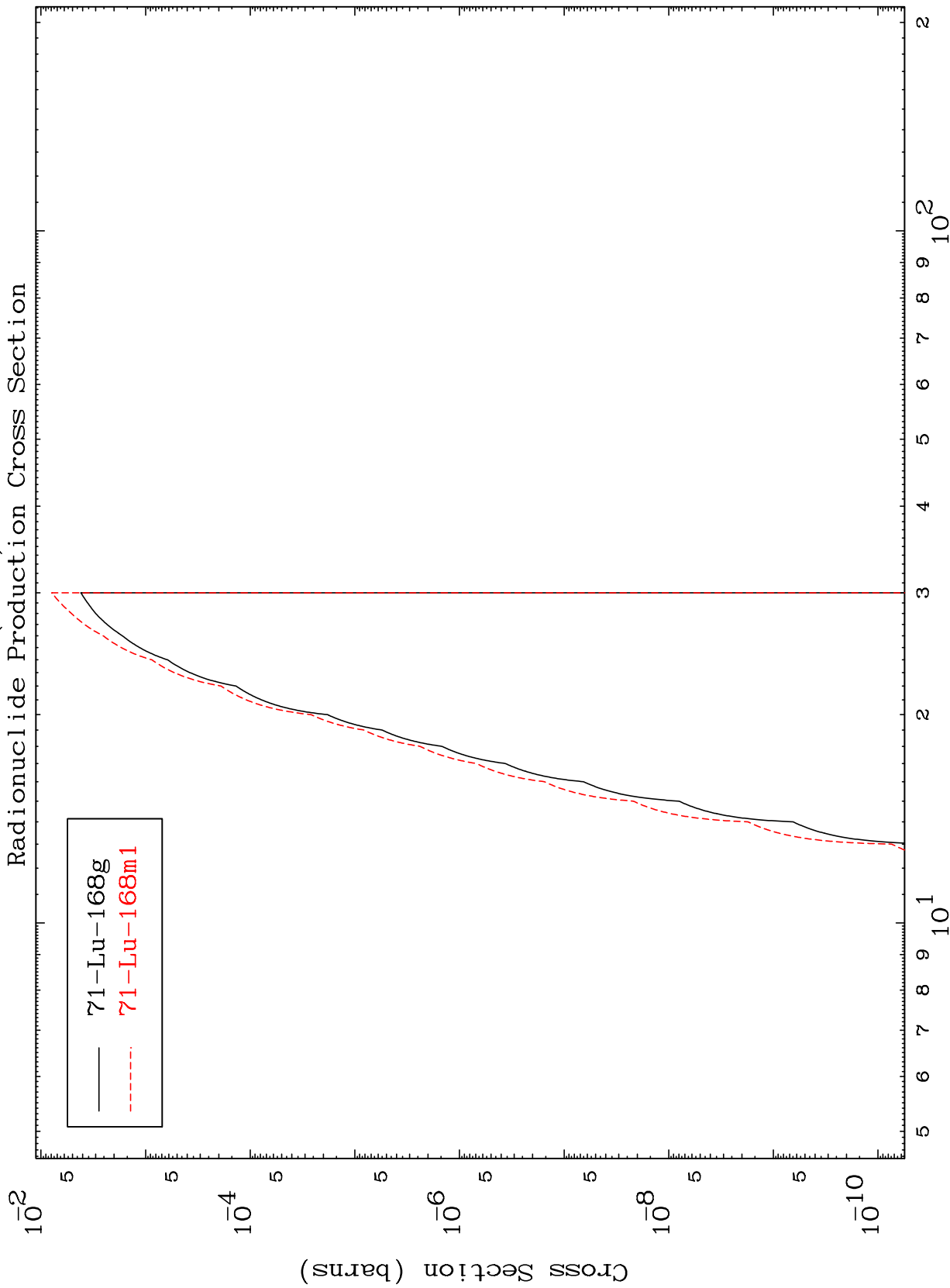
Incident Energy (MeV)

72-Hf-172

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$(n, 2n)$ α

72-Hf-172



15

Incident Energy (MeV)

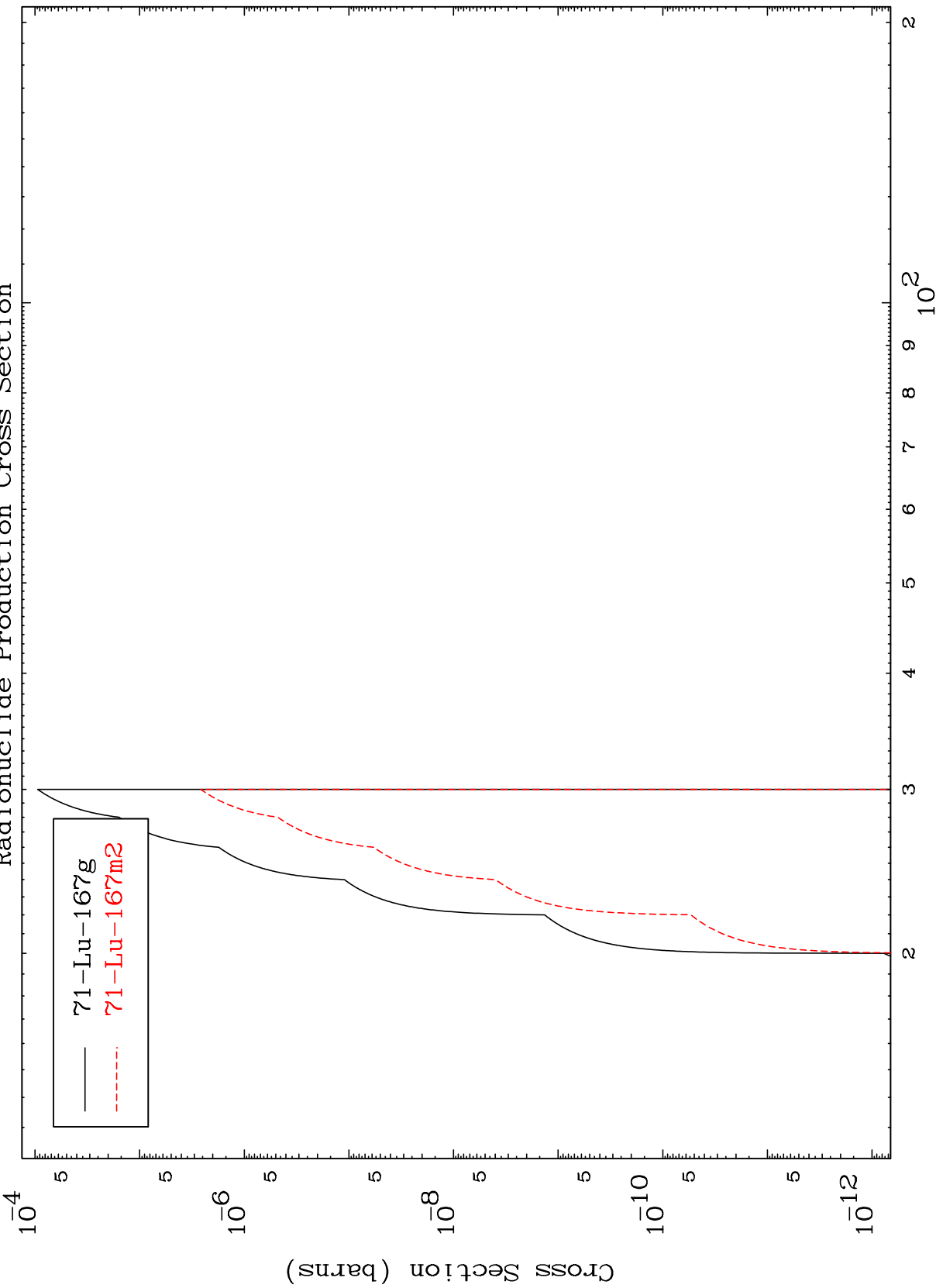
72-Hf-172

MAT 7219

(n,3n) α

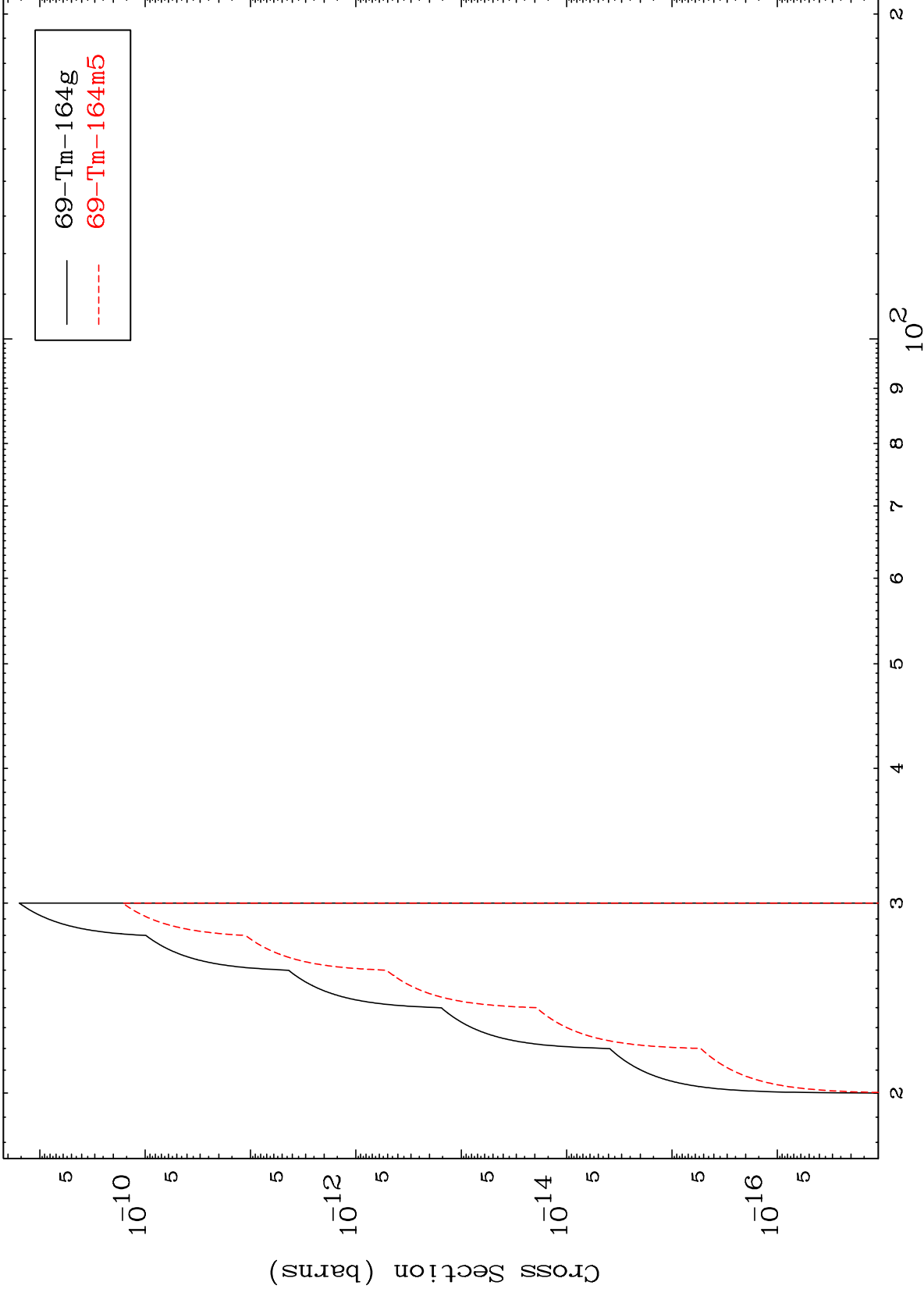
72-Hf-172

Radionuclide Production Cross Section



71-Lu-167g
71-Lu-167m2

Radionuclide Production Cross Section

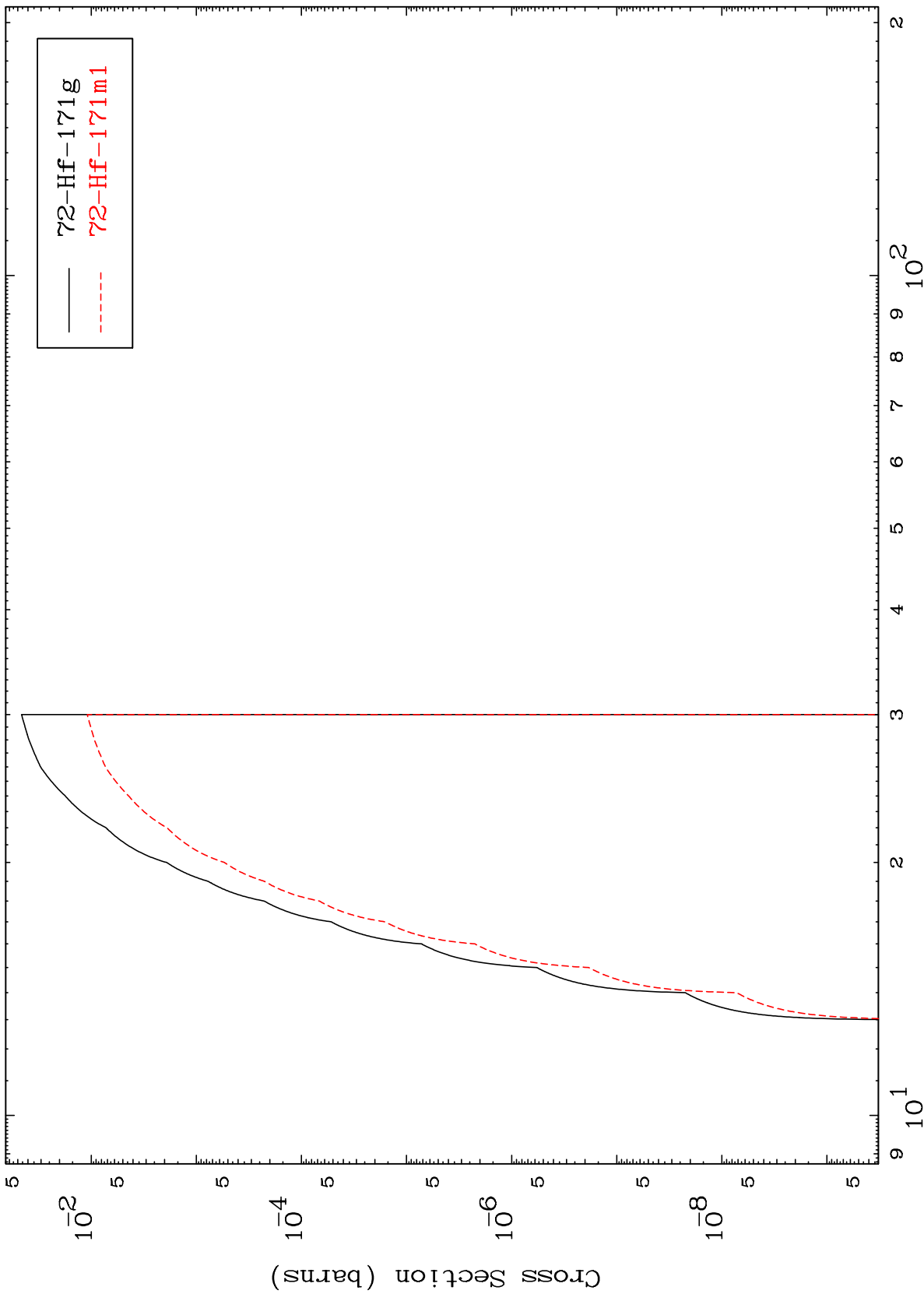


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(n,n') d

72-Hf-172

Radionuclide Production Cross Section



Incident Energy (MeV)

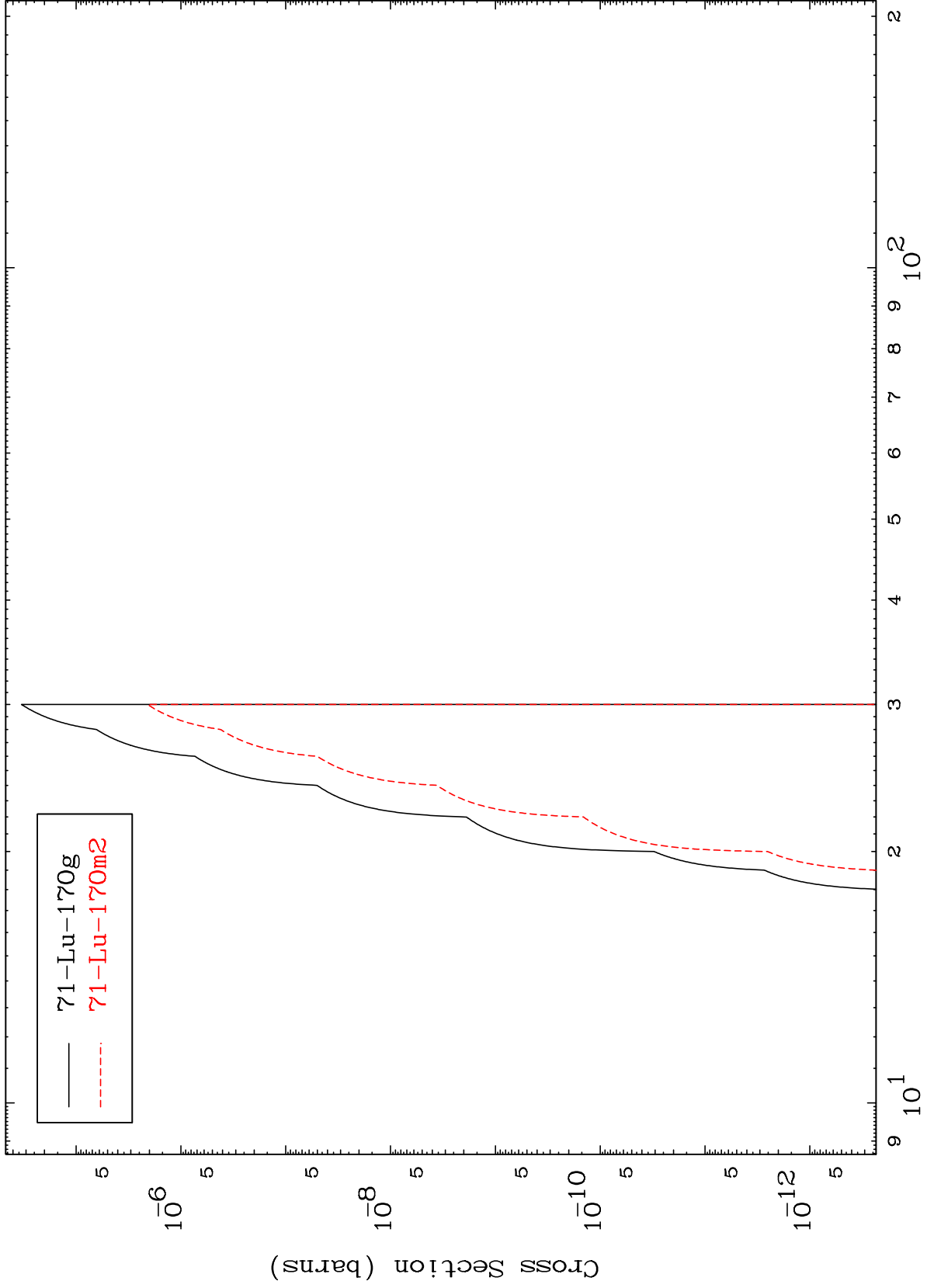
72-Hf-172

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(n,n') He-3

72-Hf-172

Radionuclide Production Cross Section

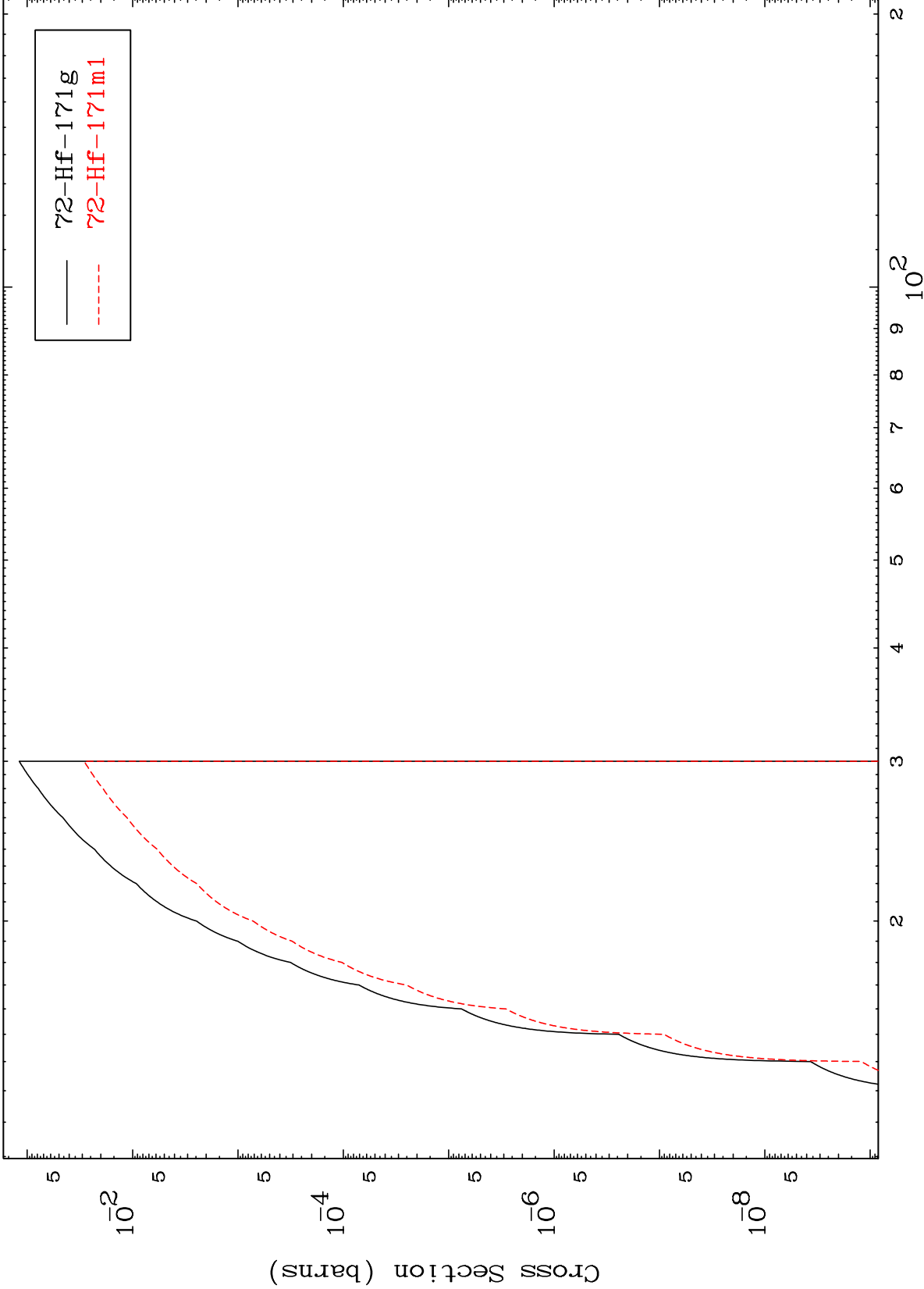


19

Incident Energy (MeV)

72-Hf-172

Radionuclide Production Cross Section

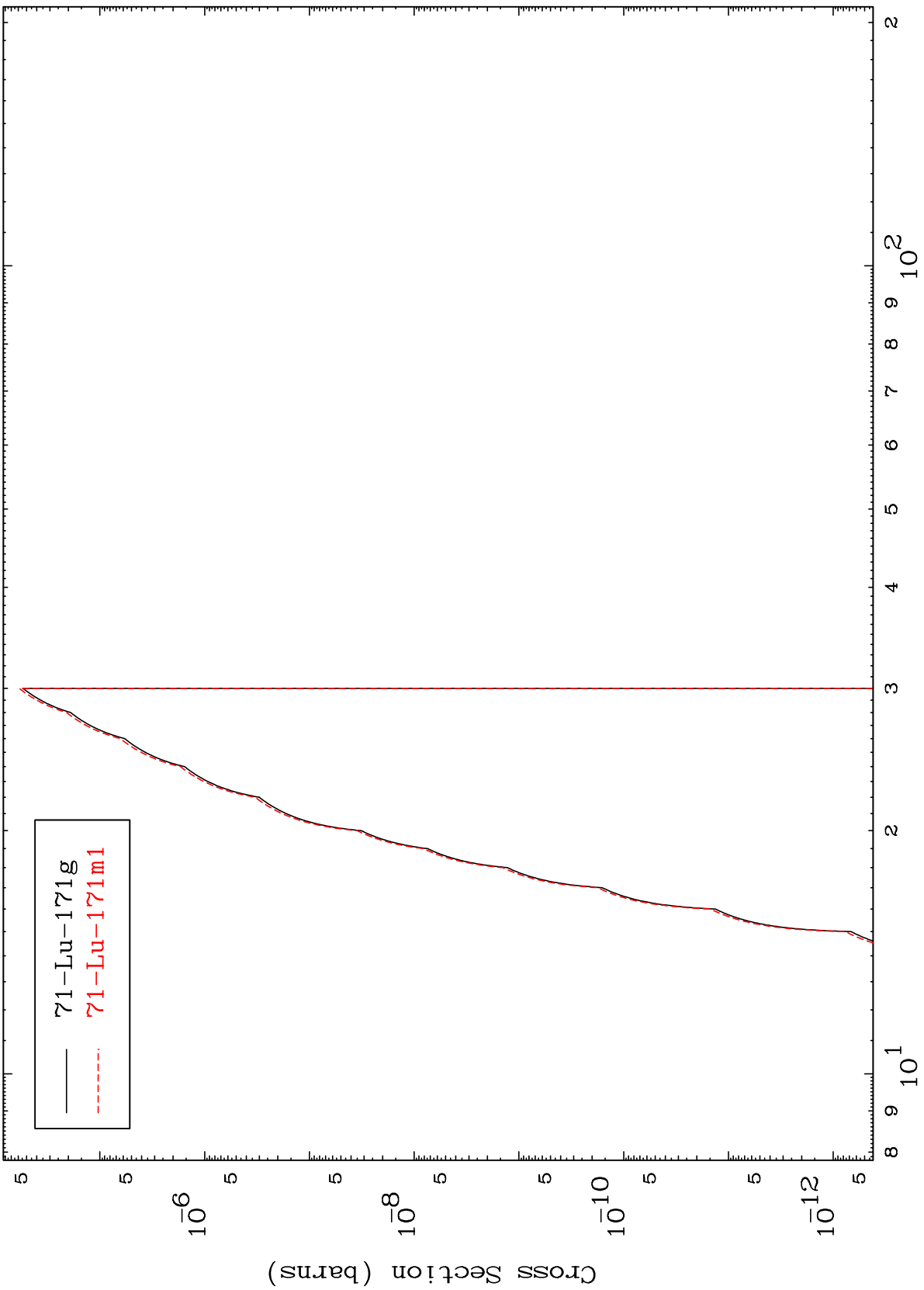


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(n,2n) p

72-Hf-172

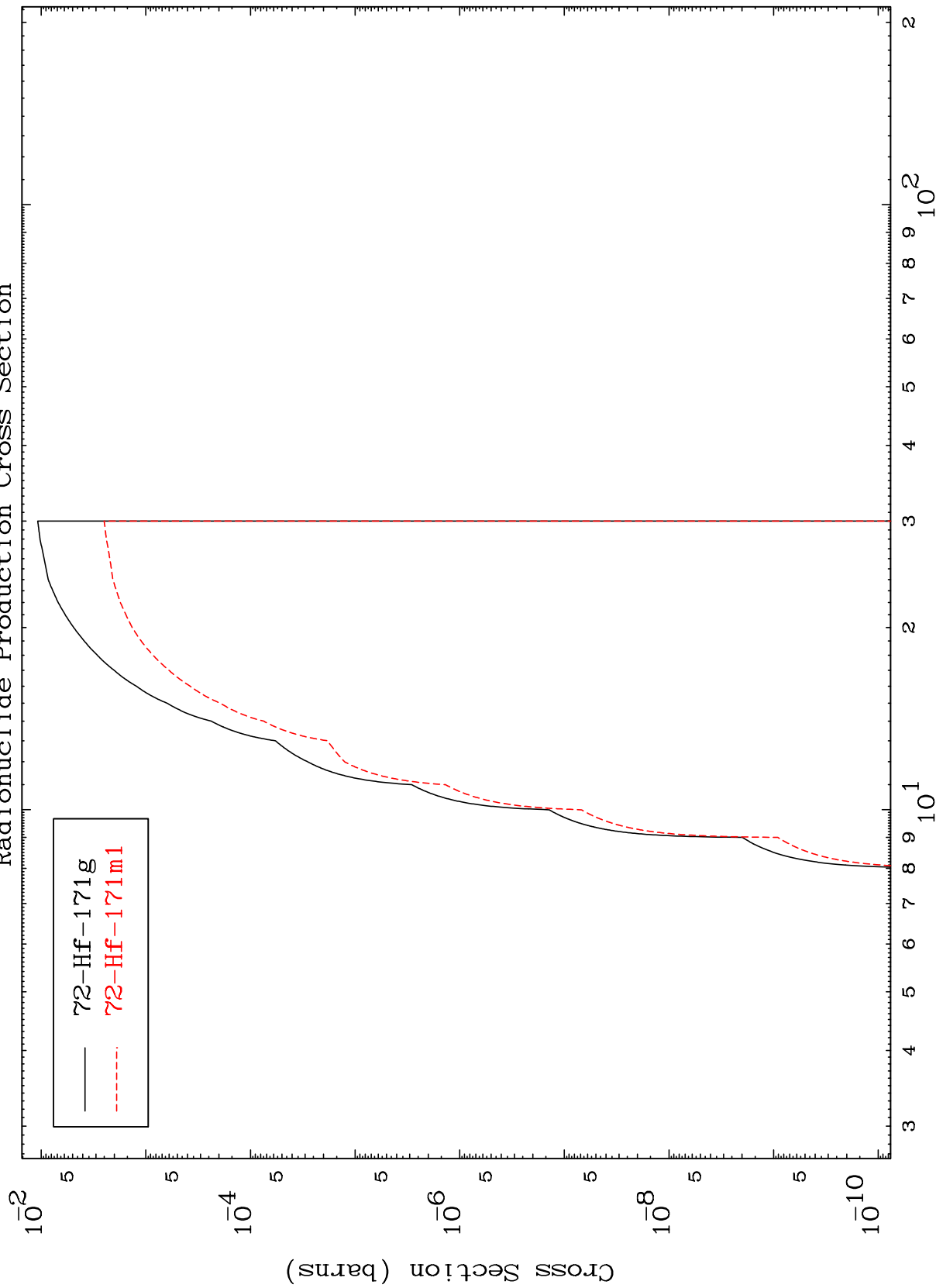
Radionuclide Production Cross Section



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72-Hf-172

Radionuclide Production Cross Section (n,t)



Incident Energy (MeV)

72-Hf-172

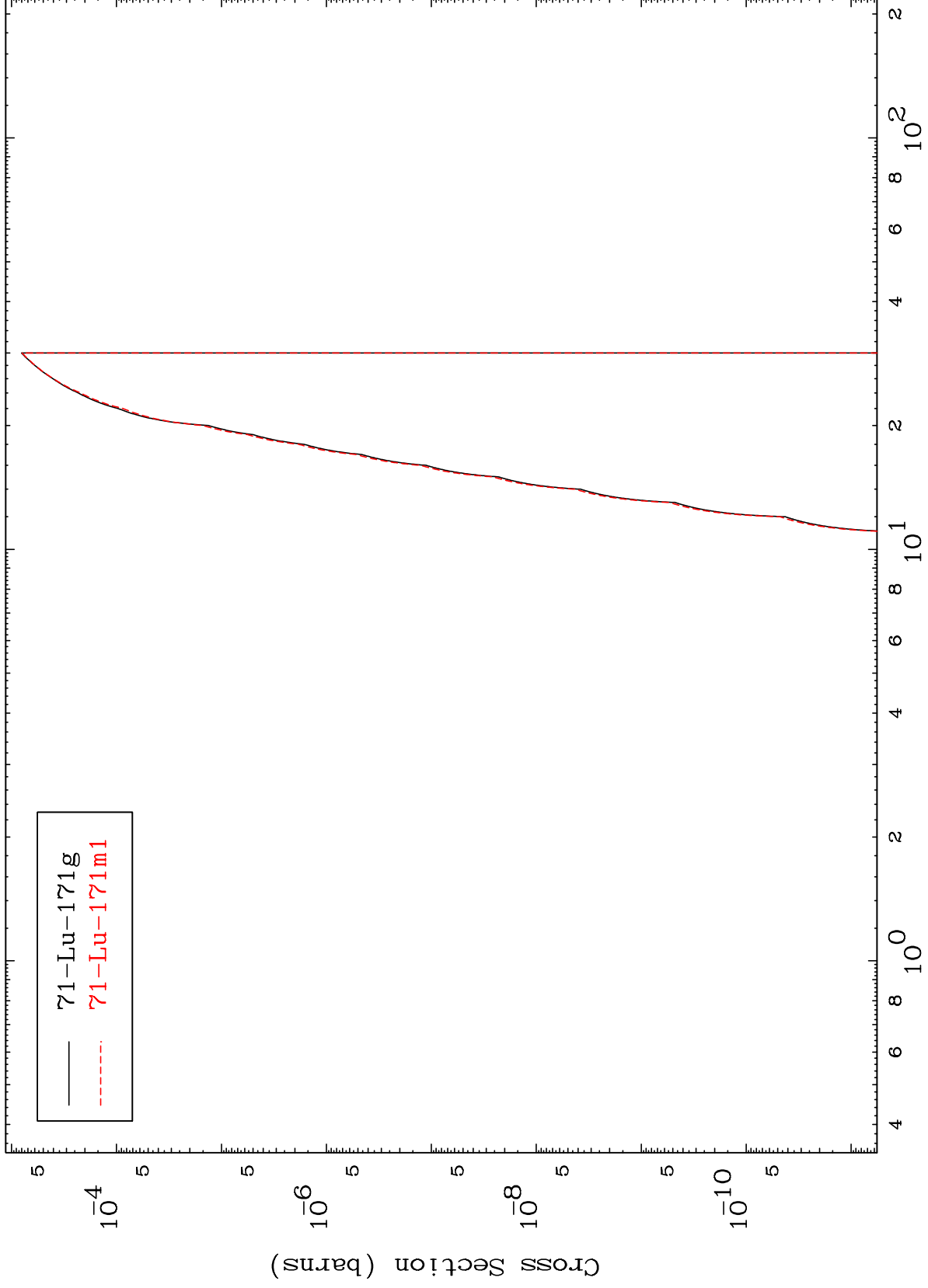
22

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(n,He-3)

72-Hf-172

Radionuclide Production Cross Section



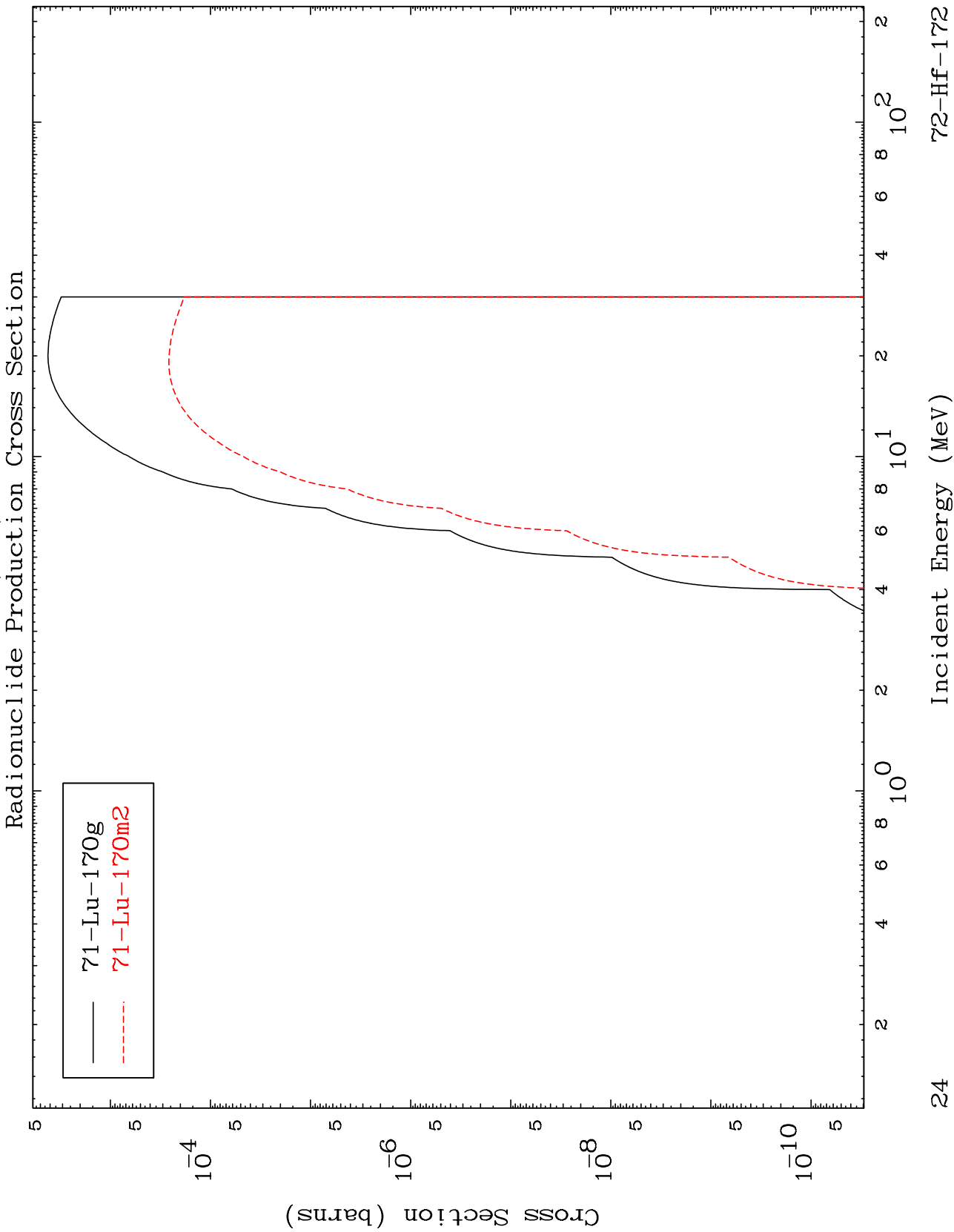
23

Incident Energy (MeV)

72-Hf-172

MAT 7219

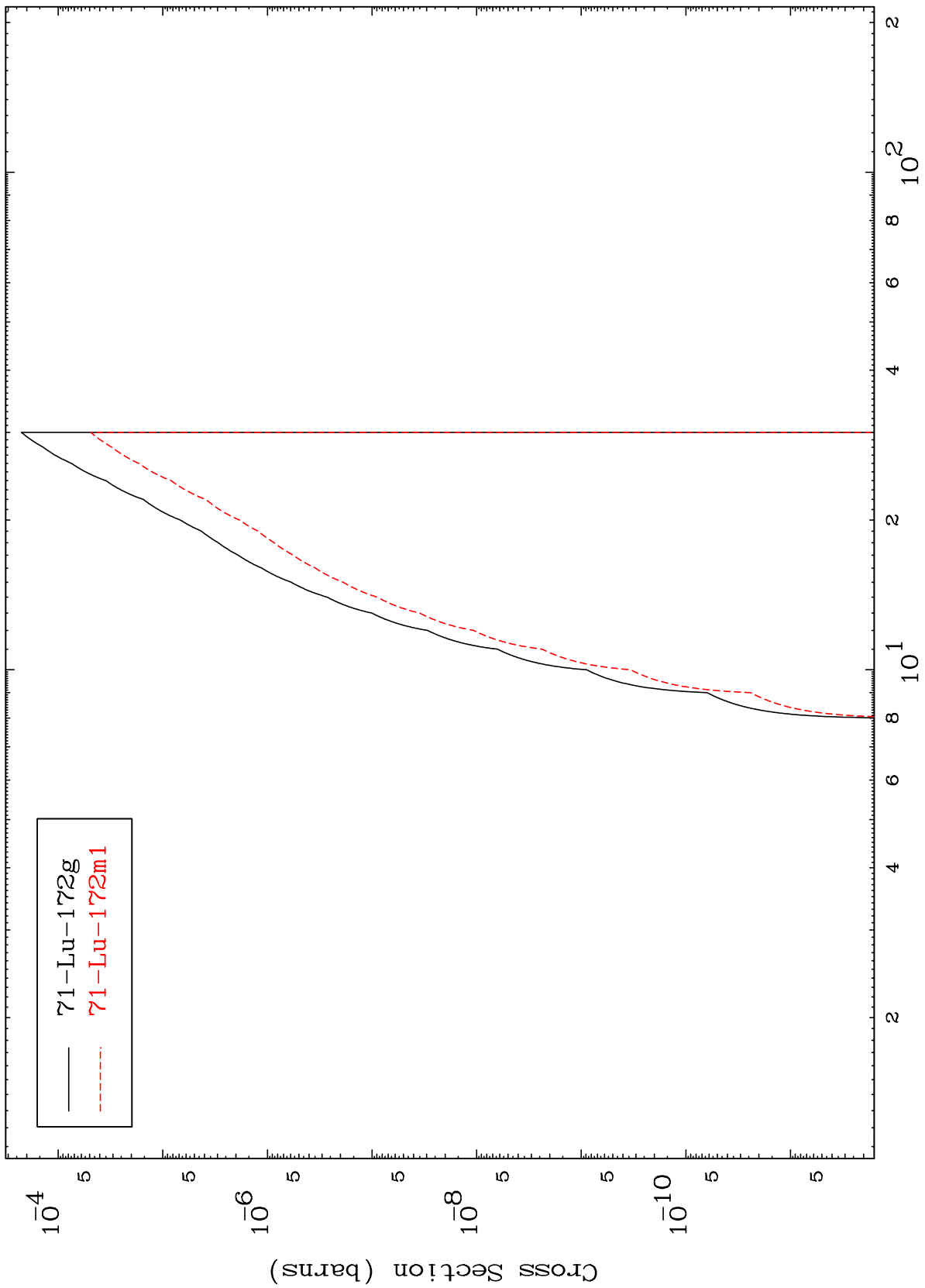
72-Hf-172



MAT 7219

72-Hf-172

(n,2p)
Radionuclide Production Cross Section



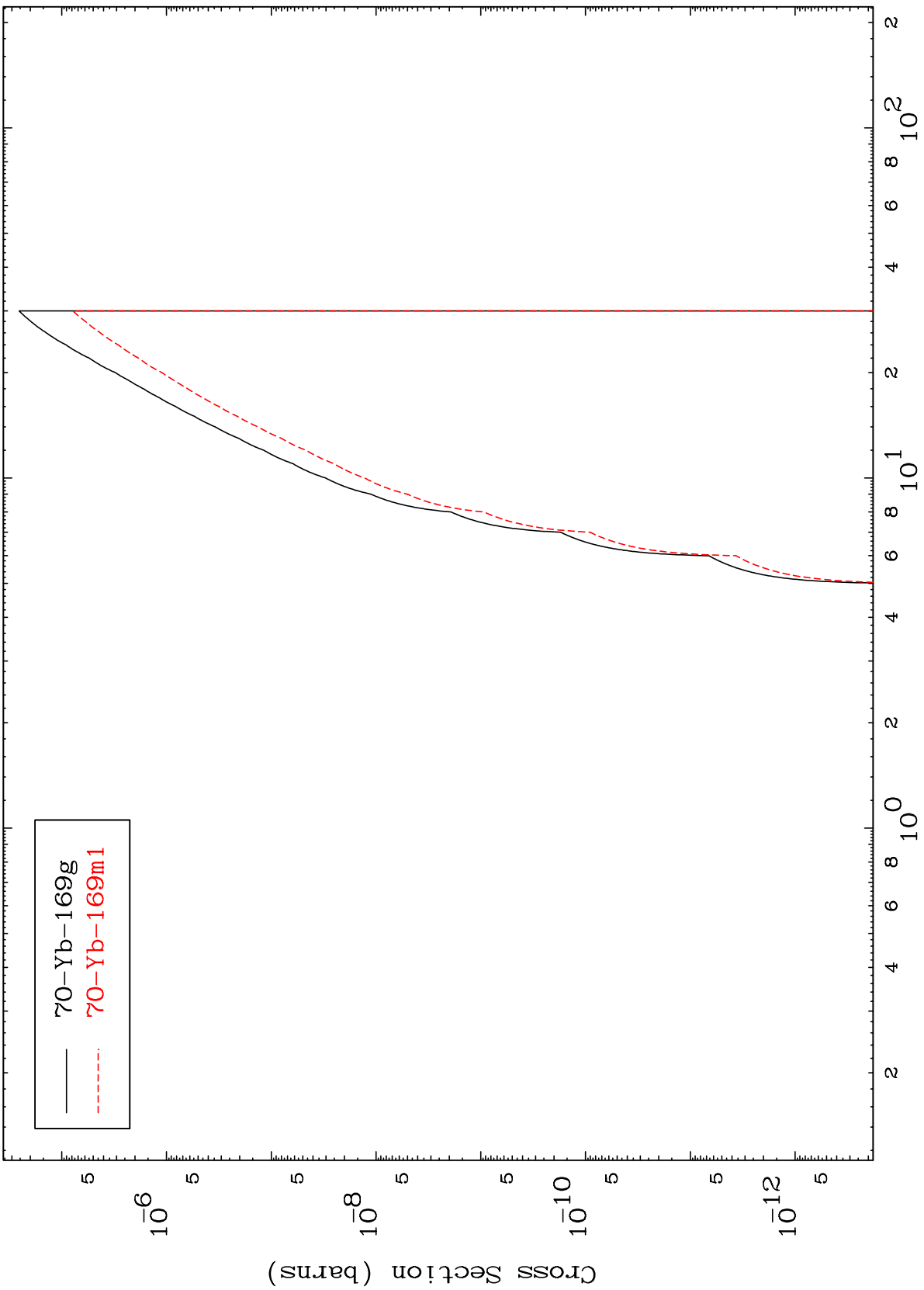
— 71-Lu-172g
- - - 71-Lu-172m1

MAT 7219

(n,p) α

72-Hf-172

Radionuclide Production Cross Section

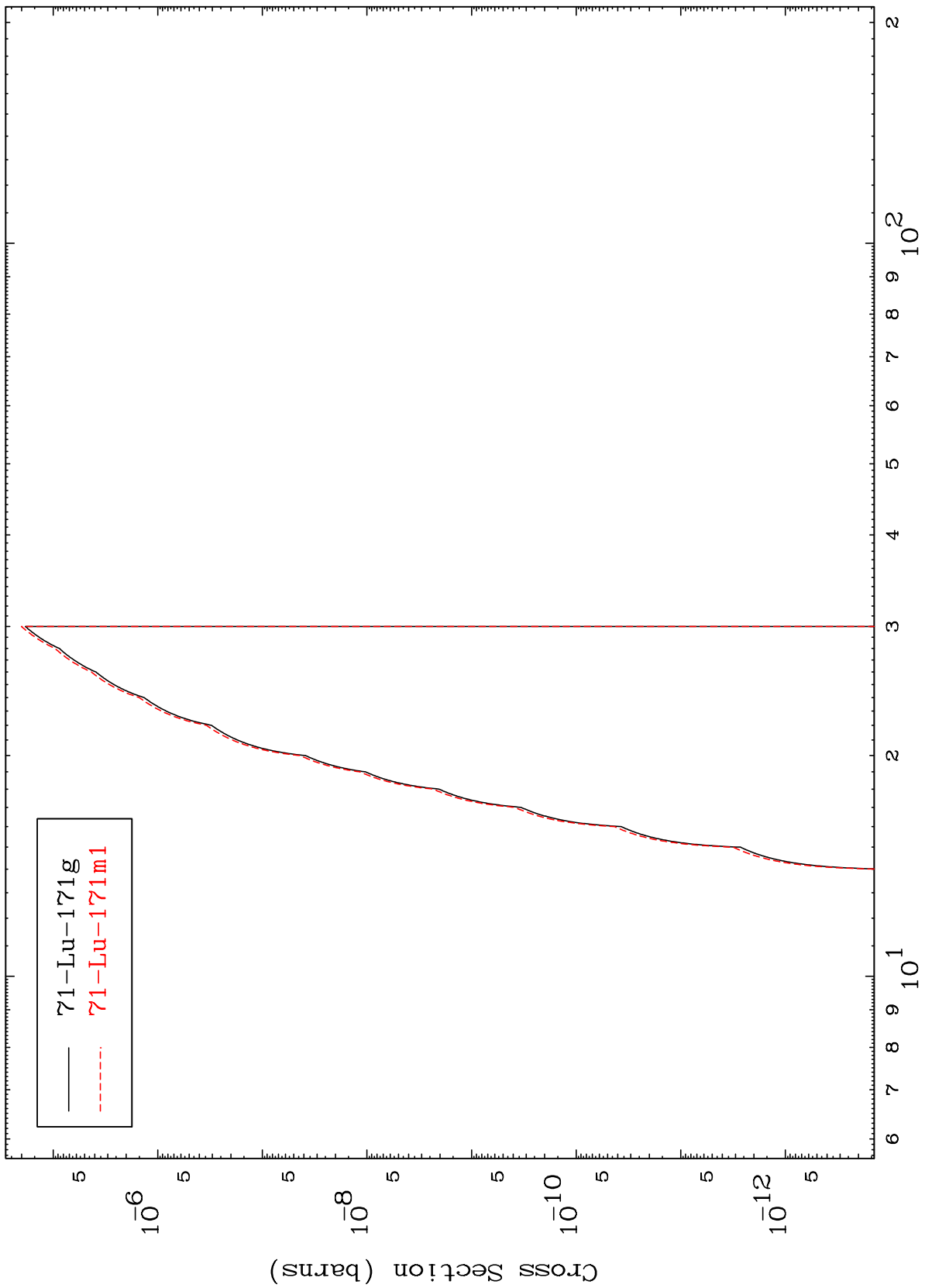


MAT 7219

(n,p) d

72-Hf-172

Radionuclide Production Cross Section



27

Incident Energy (MeV)

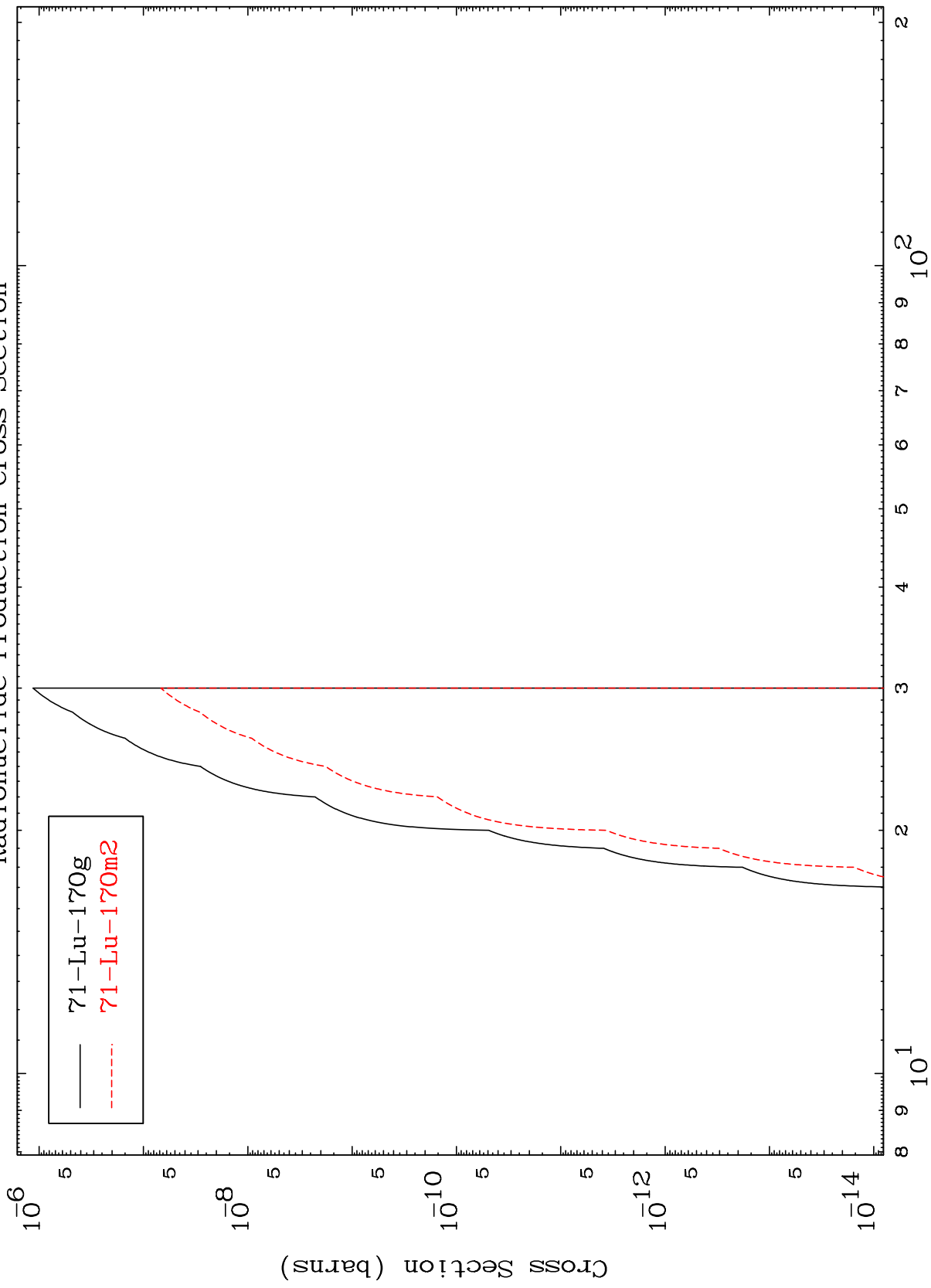
72-Hf-172

MAT 7219

(n,p) t

72-Hf-172

Radionuclide Production Cross Section



28

Incident Energy (MeV)

72-Hf-172