

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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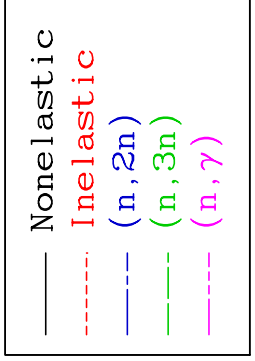
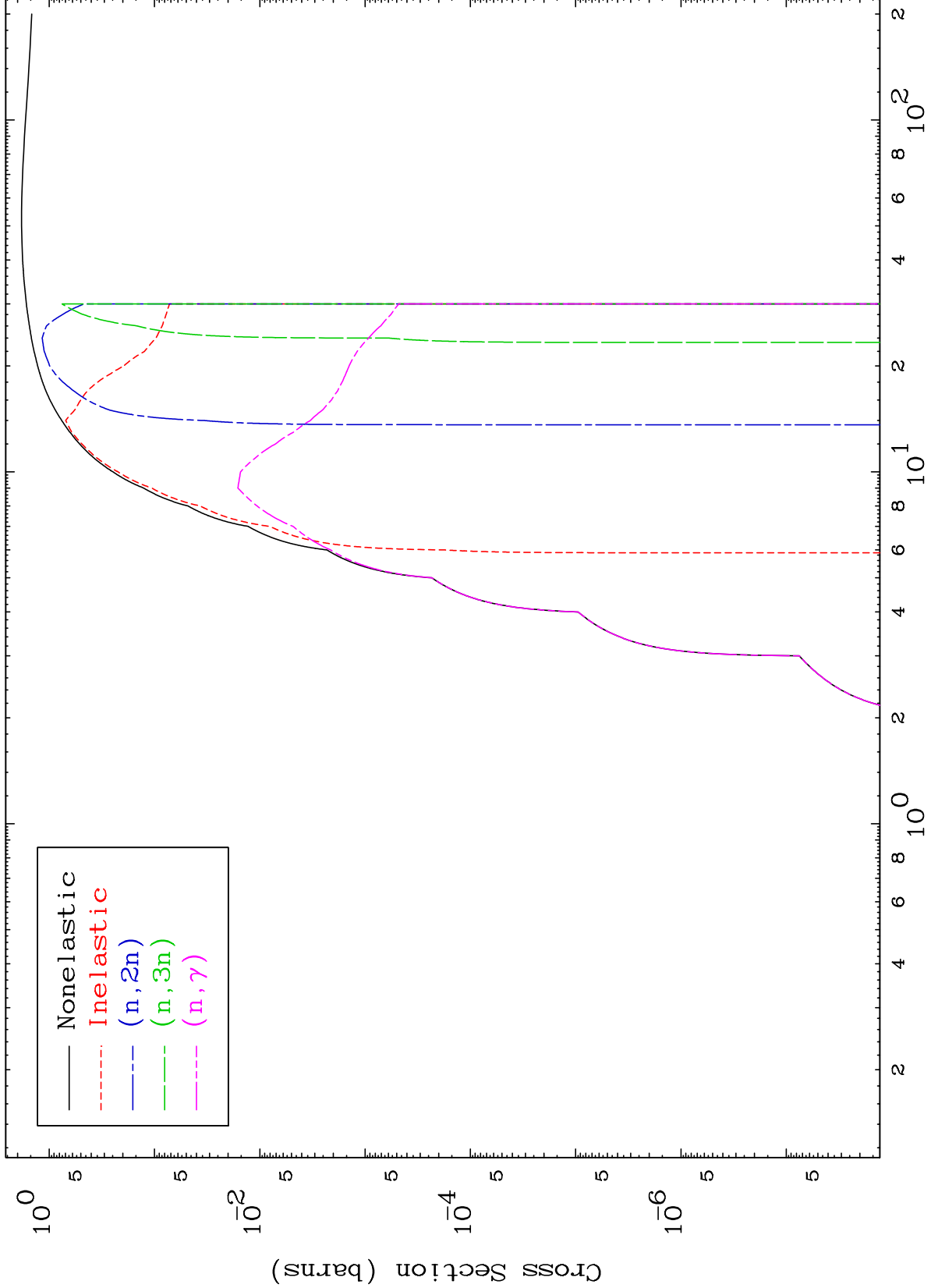
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

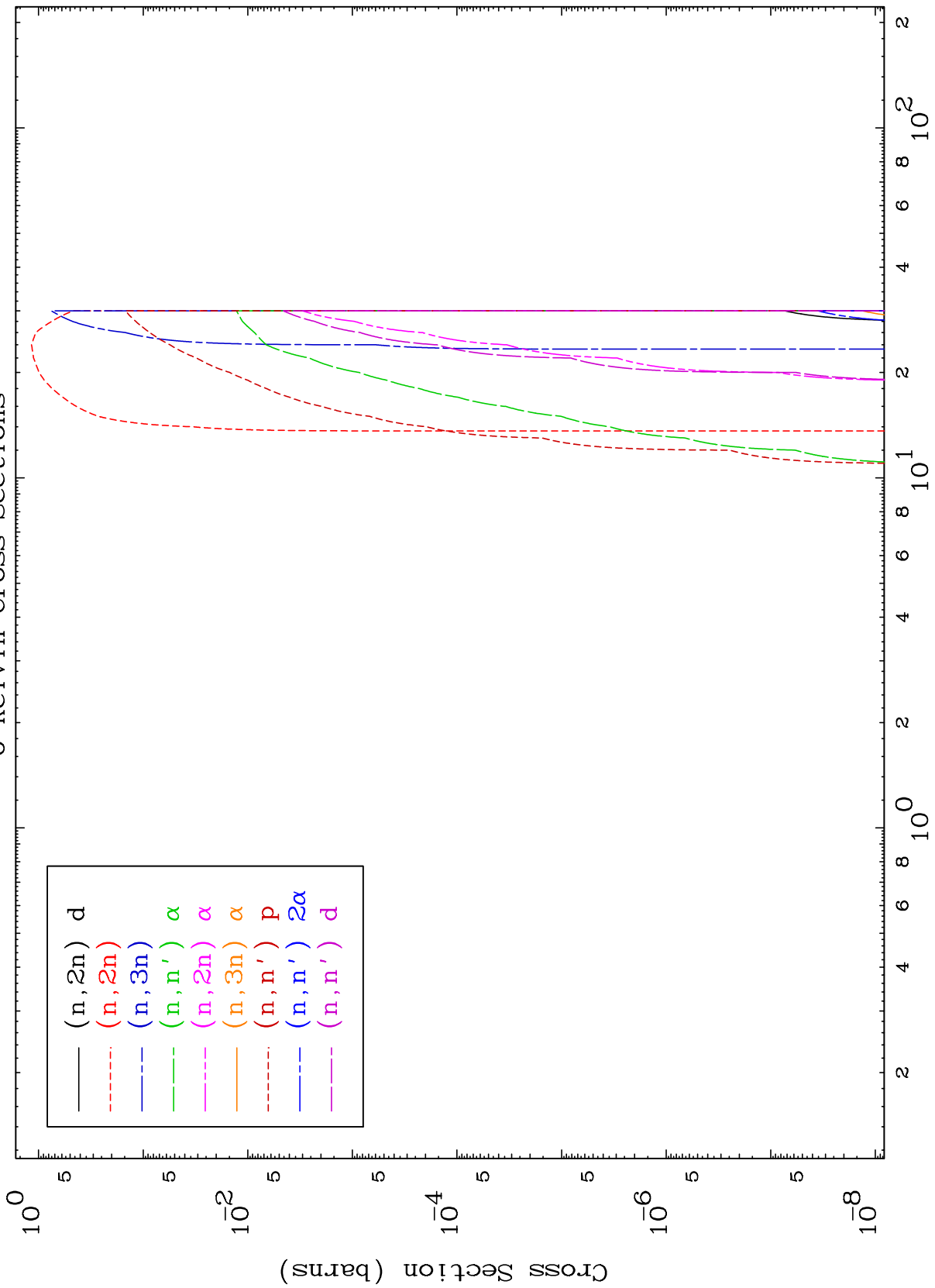
0 Kelvin Cross Sections

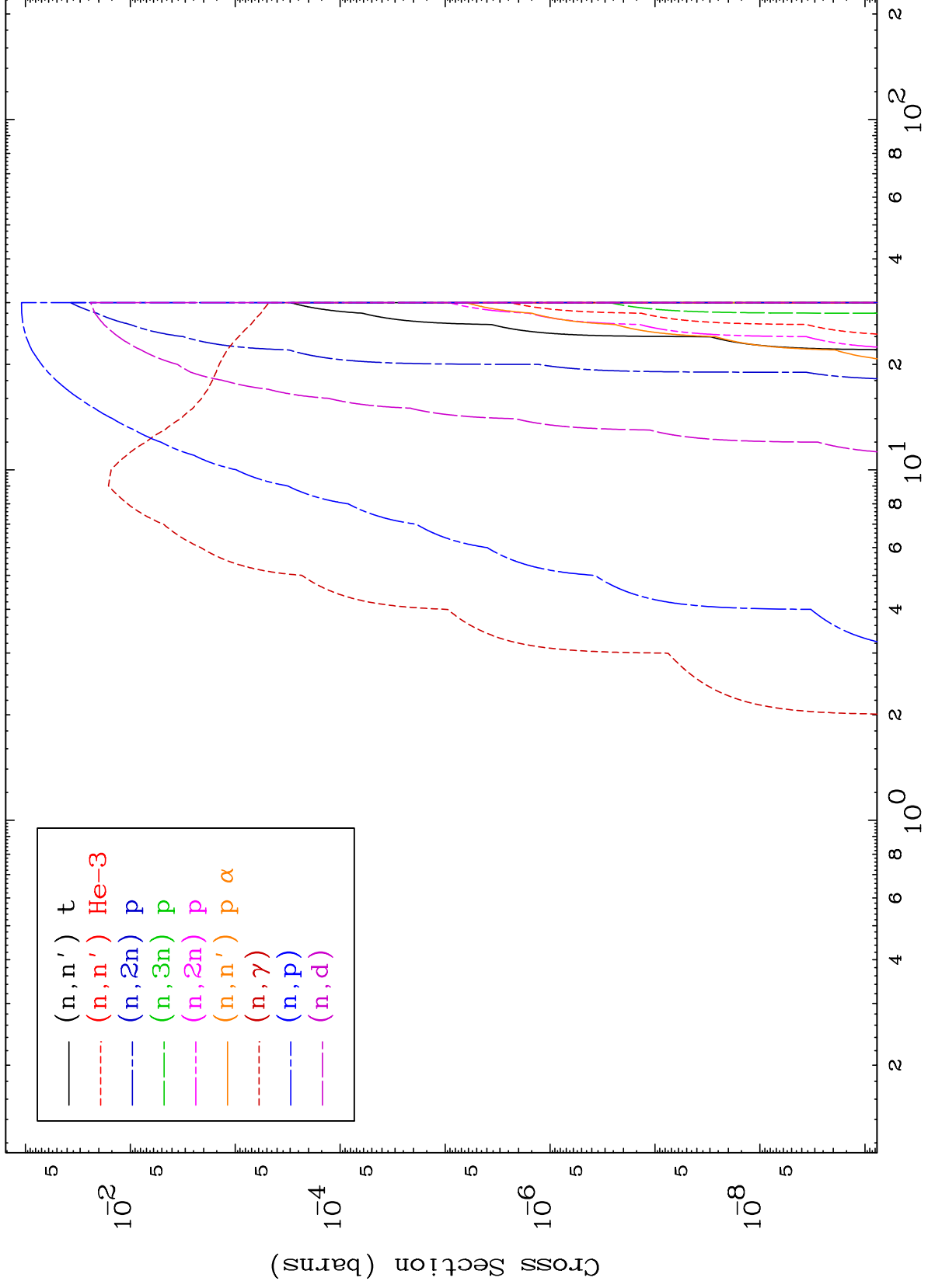


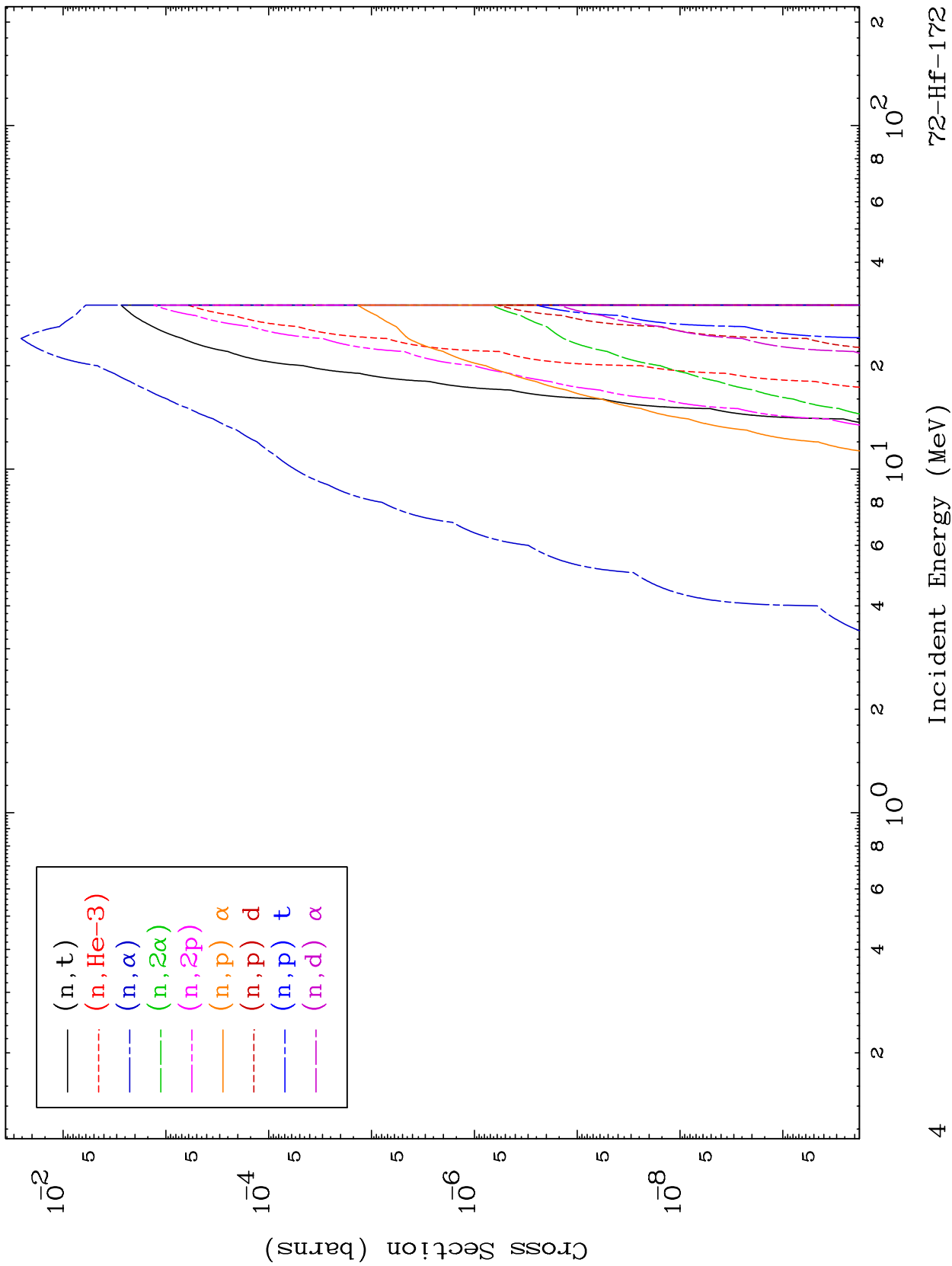
MAT 7219

Proton Neutron Absorption  
0 Kelvin Cross Sections

72-Hf-172



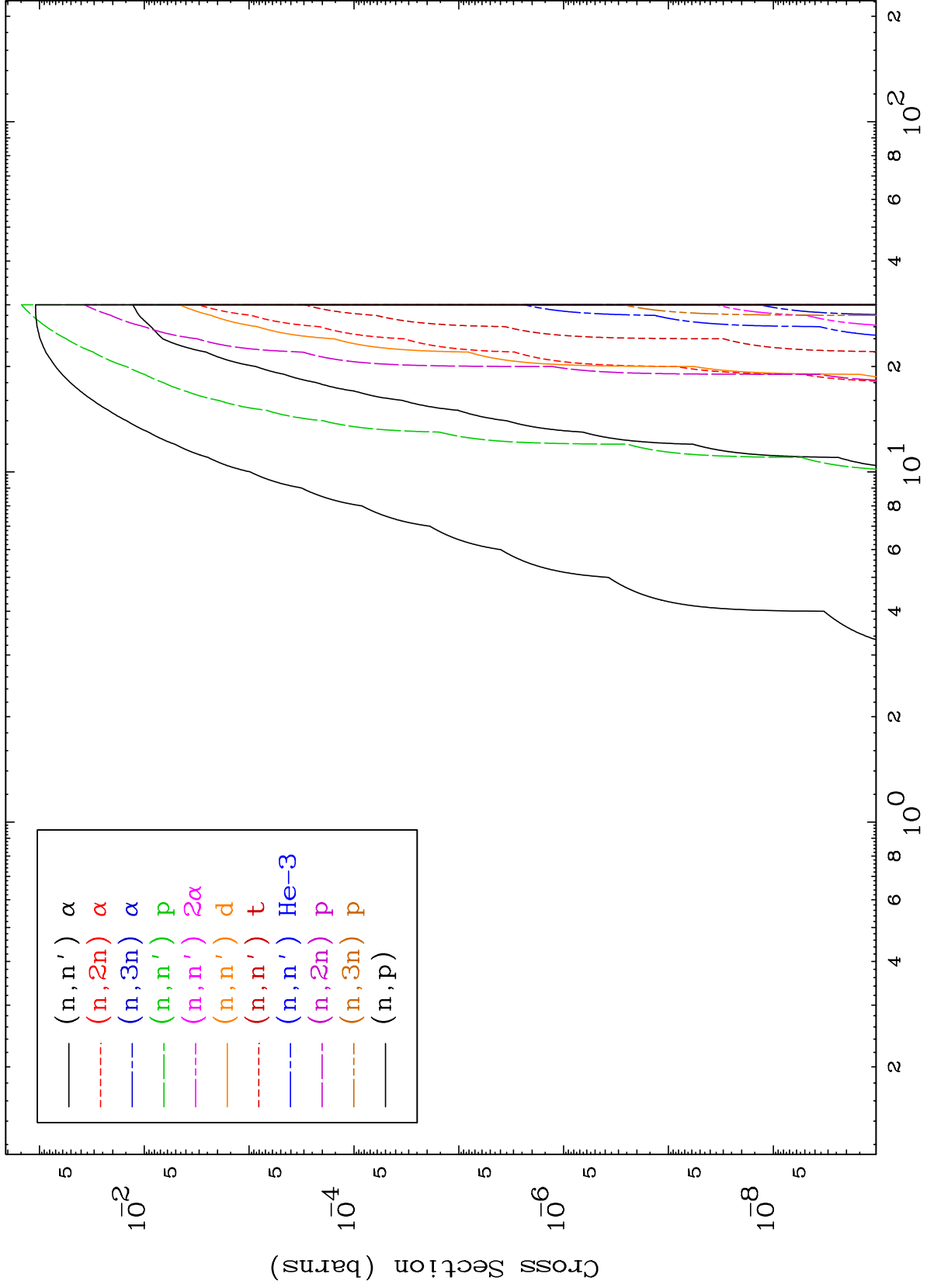


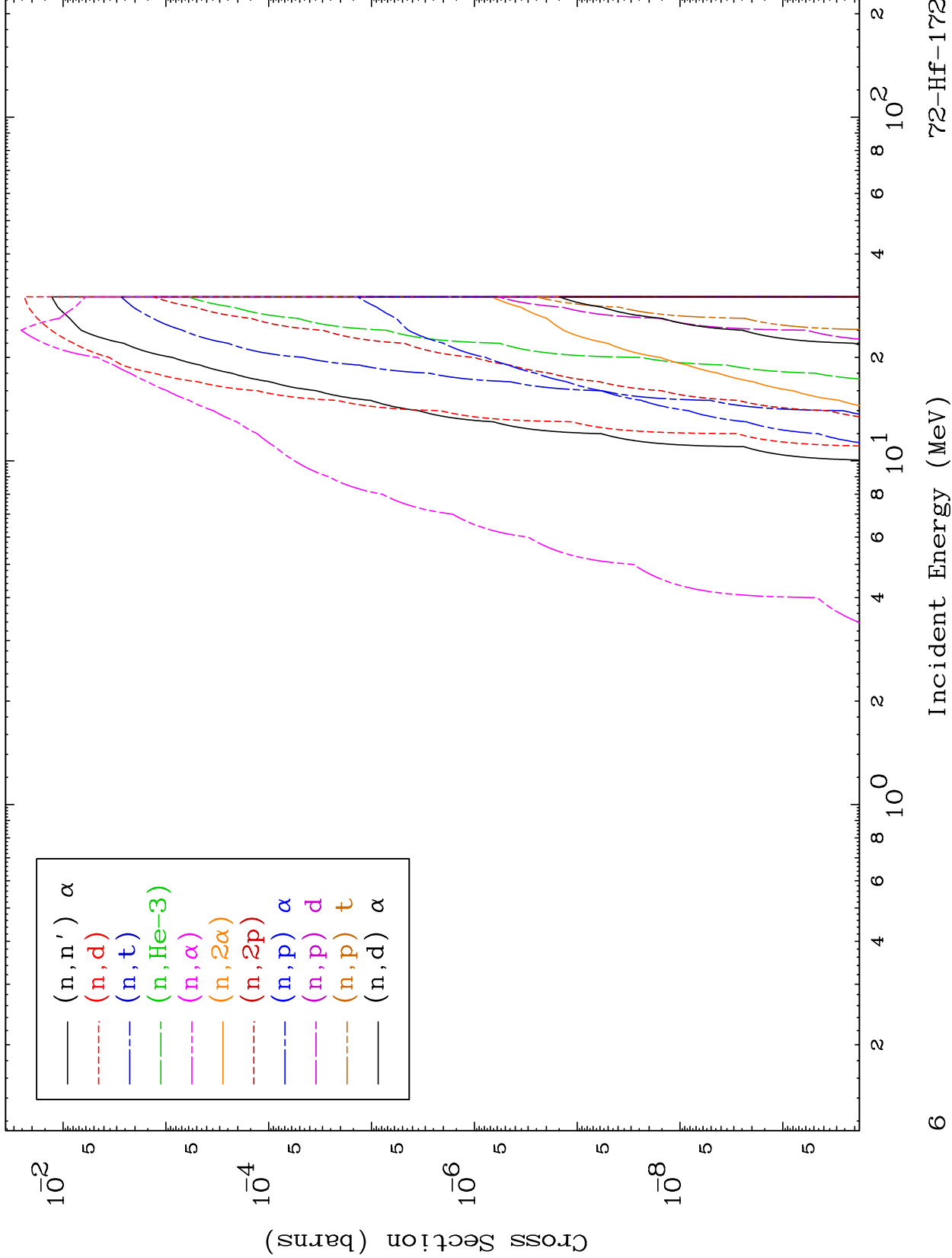


MAT 7219

Proton Charged Particle  
0 Kelvin Cross Sections

72-Hf-172



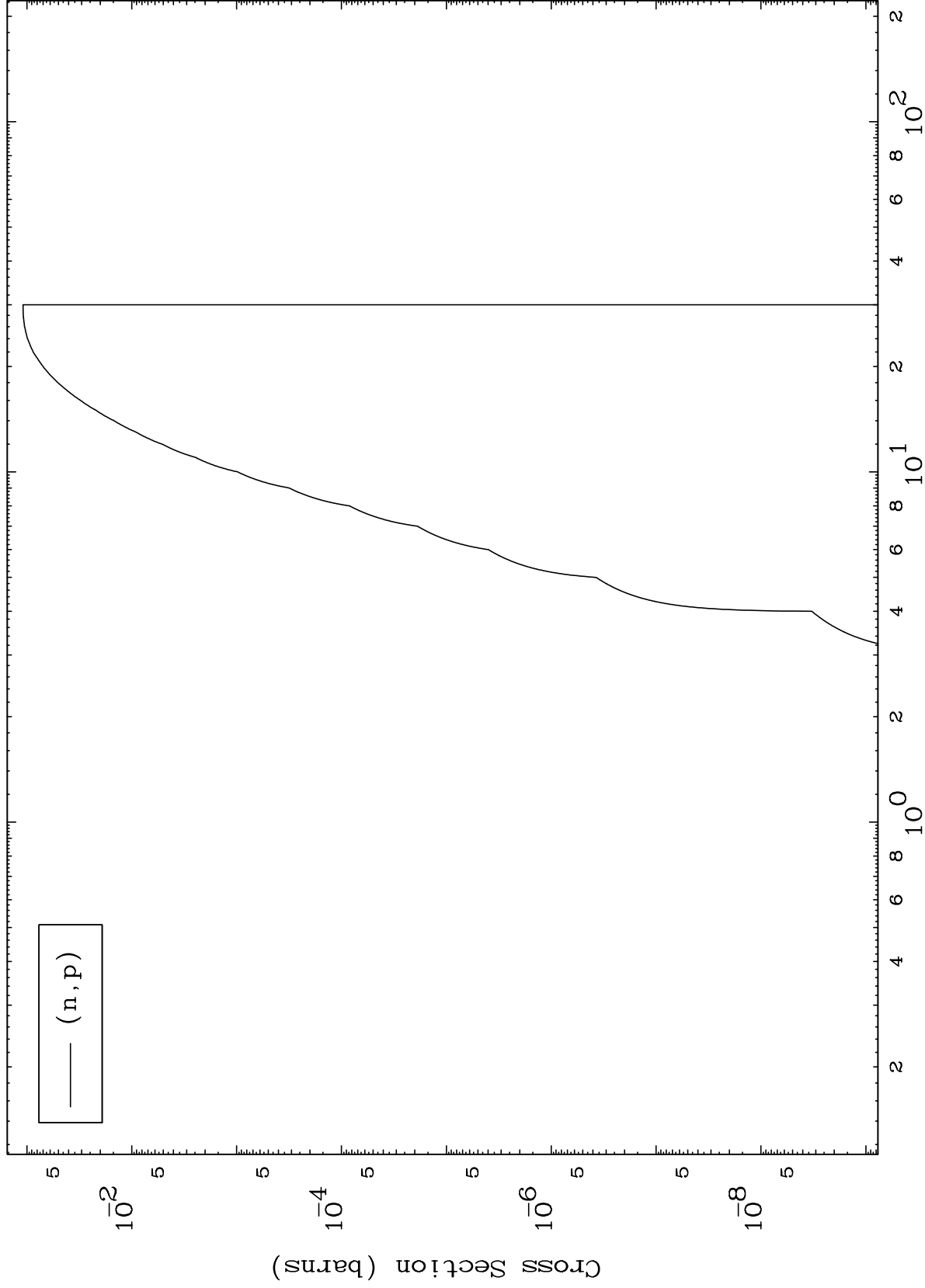


MAT 7219

(p,p) Levels

72-Hf-172

0 Kelvin Cross Sections



7

Incident Energy (MeV)

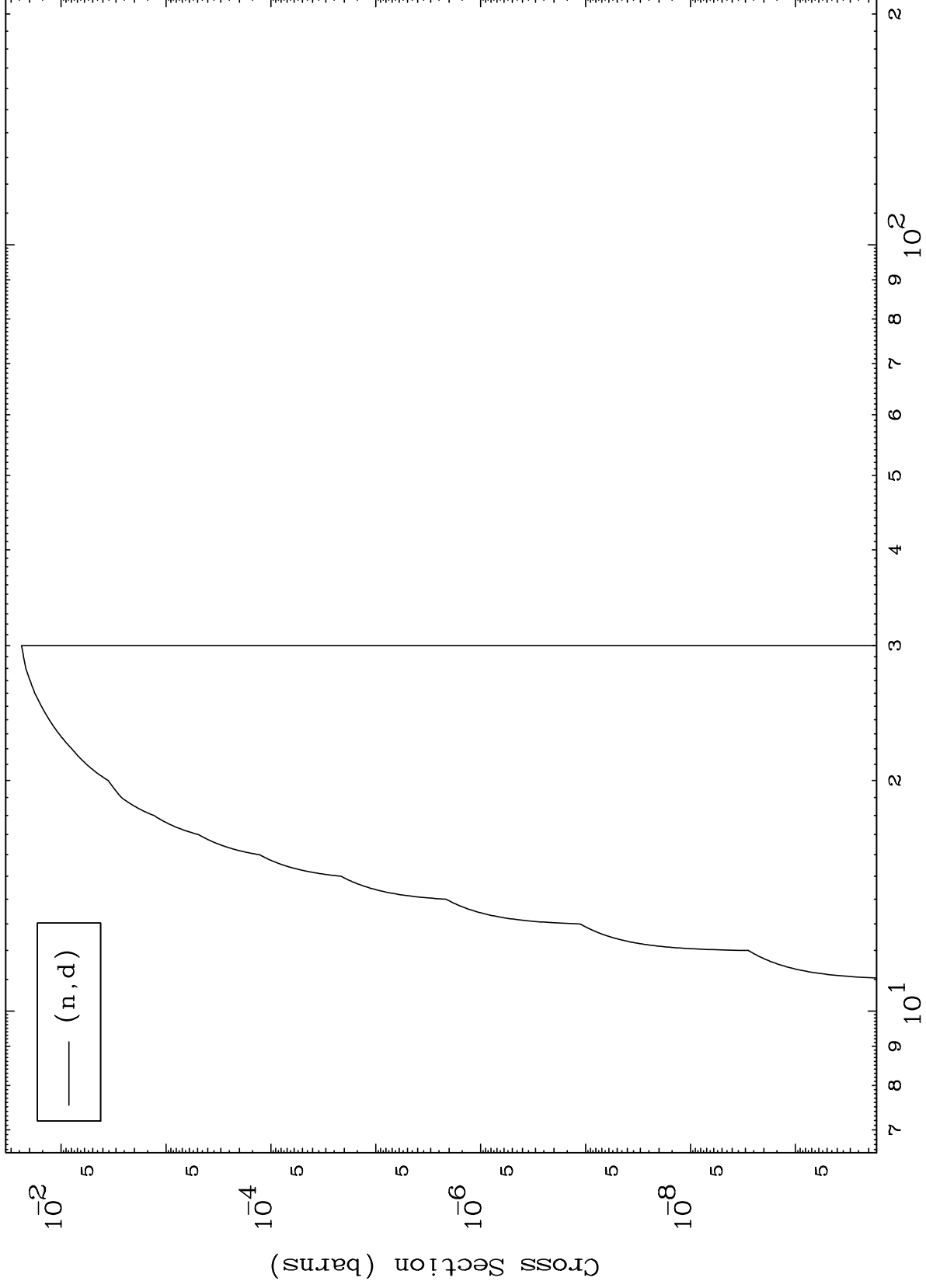
72-Hf-172



MAT 7219

(p,d) Levels  
0 Kelvin Cross Sections

72-Hf-172



8

Incident Energy (MeV)

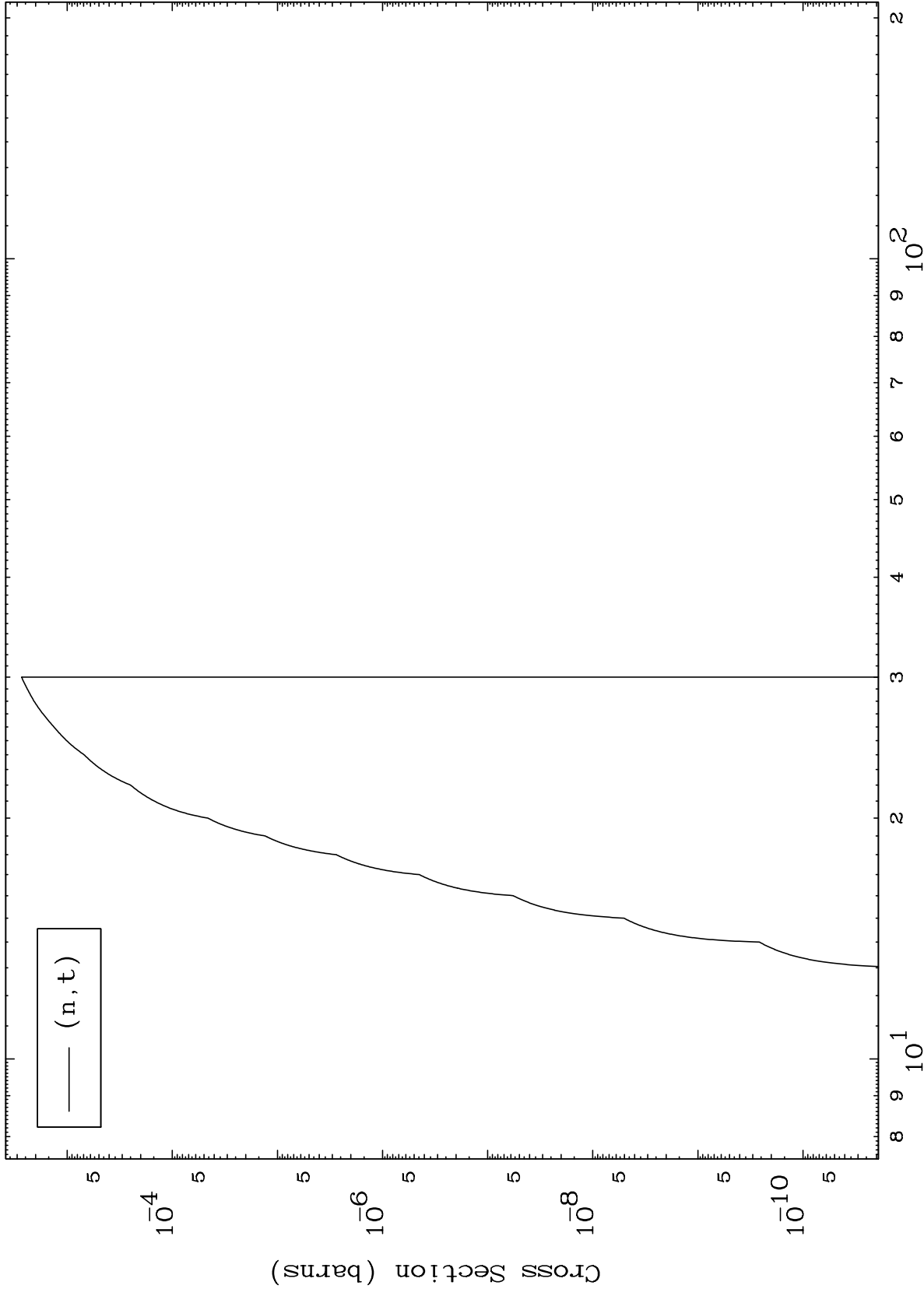
72-Hf-172

MAT 7219

(p,t) Levels

72-Hf-172

0 Kelvin Cross Sections



(n,t)

Incident Energy (MeV)

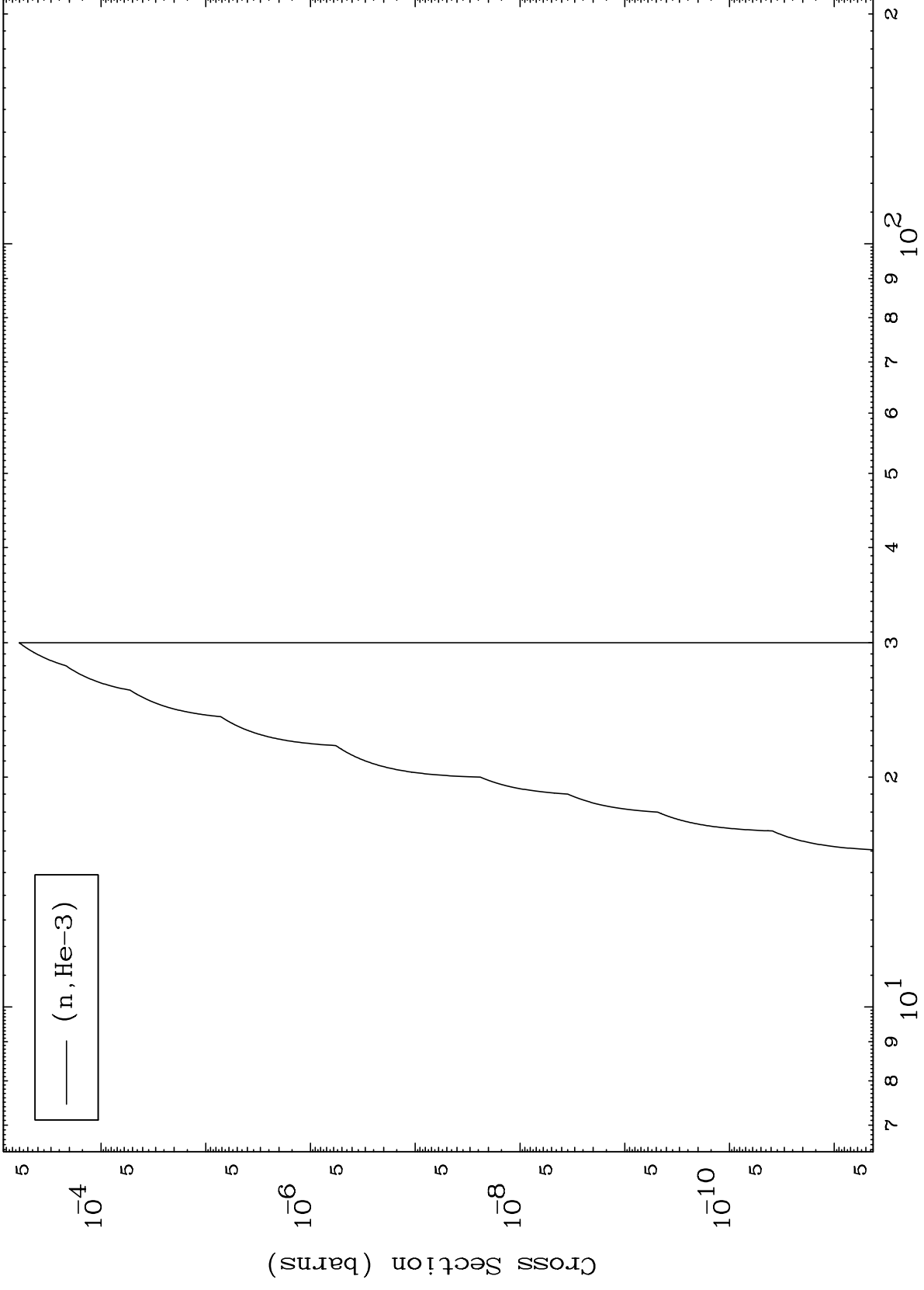
72-Hf-172

9

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(p,He3) Levels  
0 Kelvin Cross Sections

72-Hf-172



10

Incident Energy (MeV)

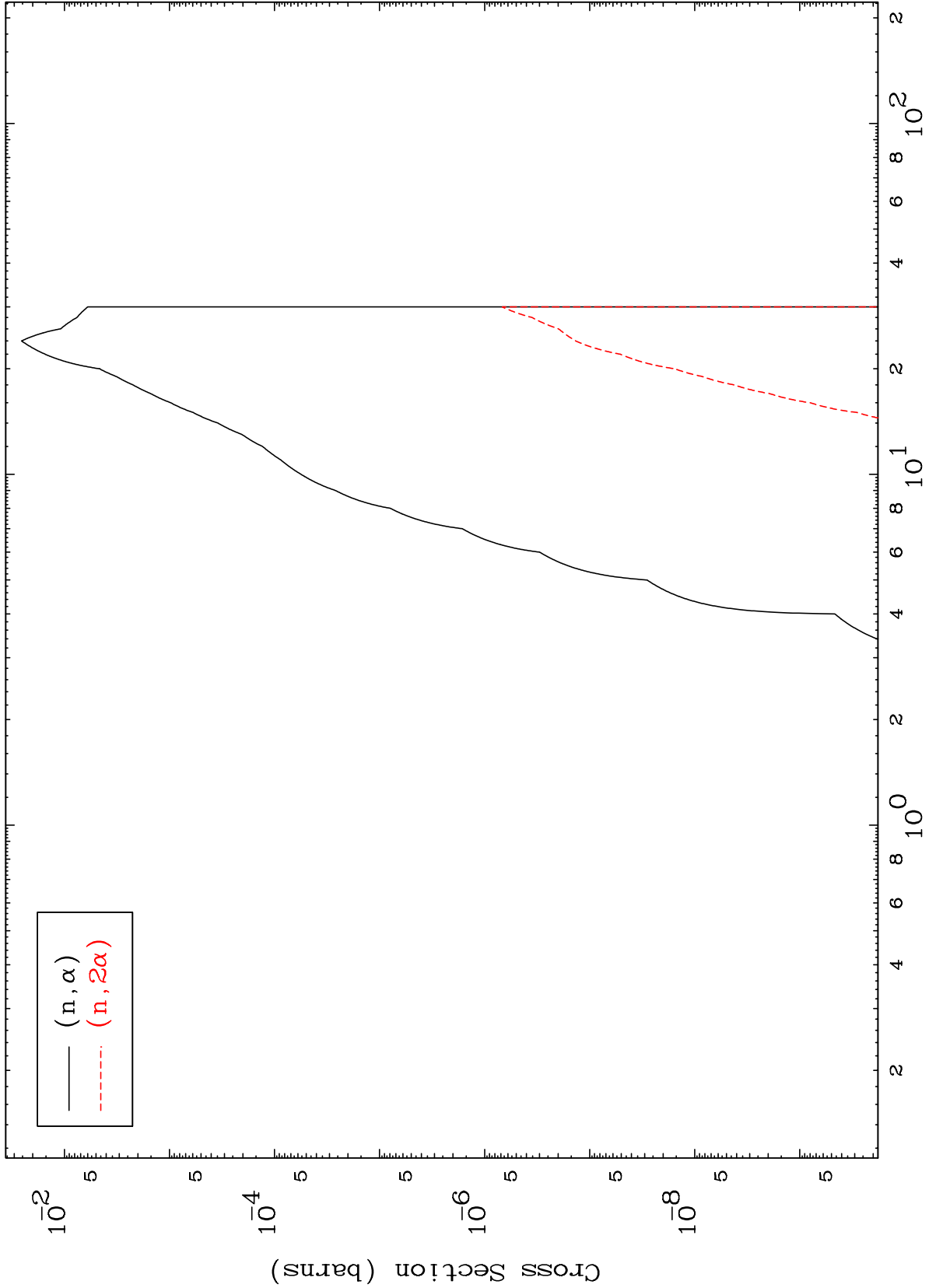
72-Hf-172

MAT 7219

(p,  $\alpha$ ) Levels

72-Hf-172

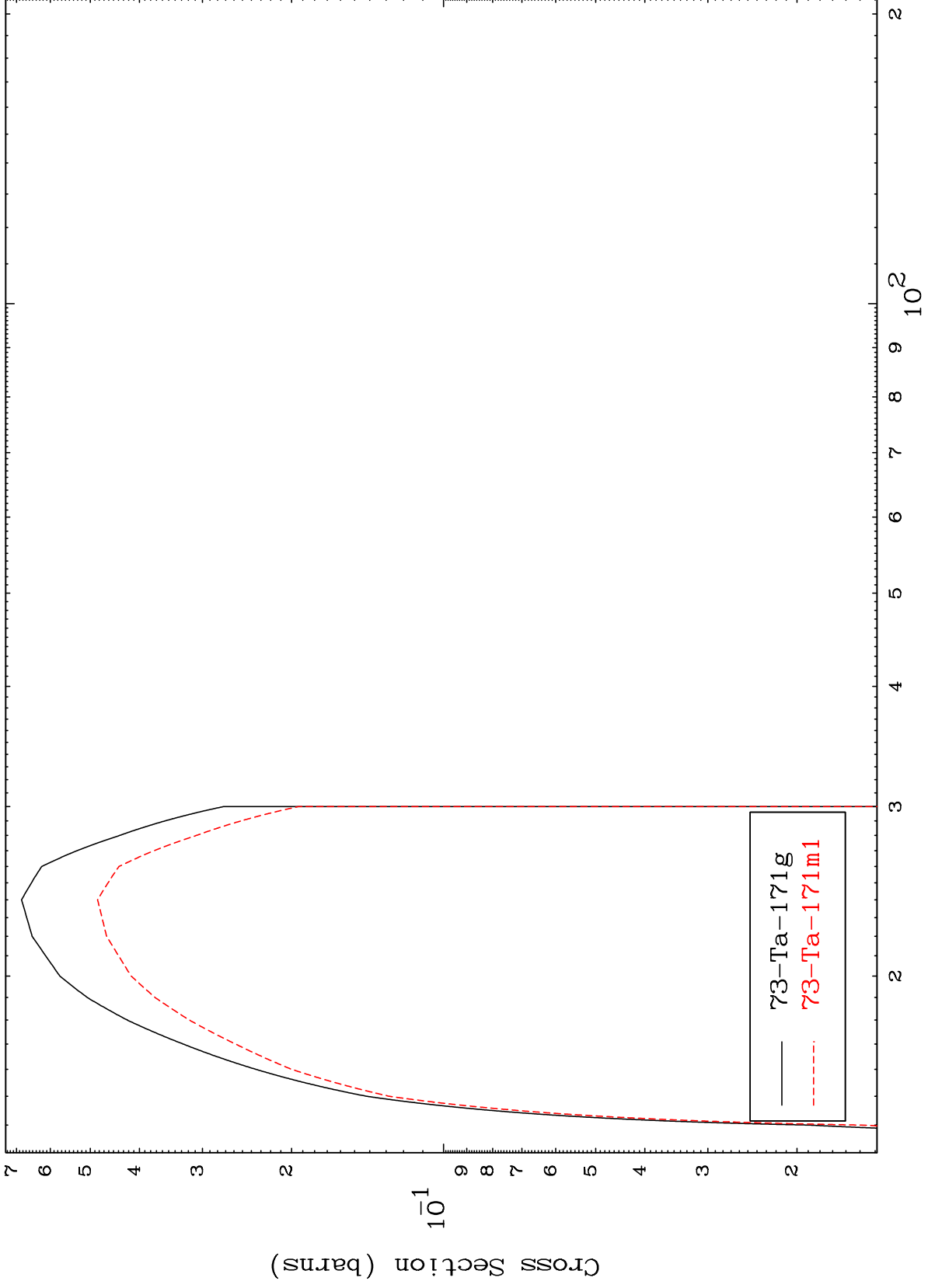
0 Kelvin Cross Sections



MAT 7219

72-Hf-172

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

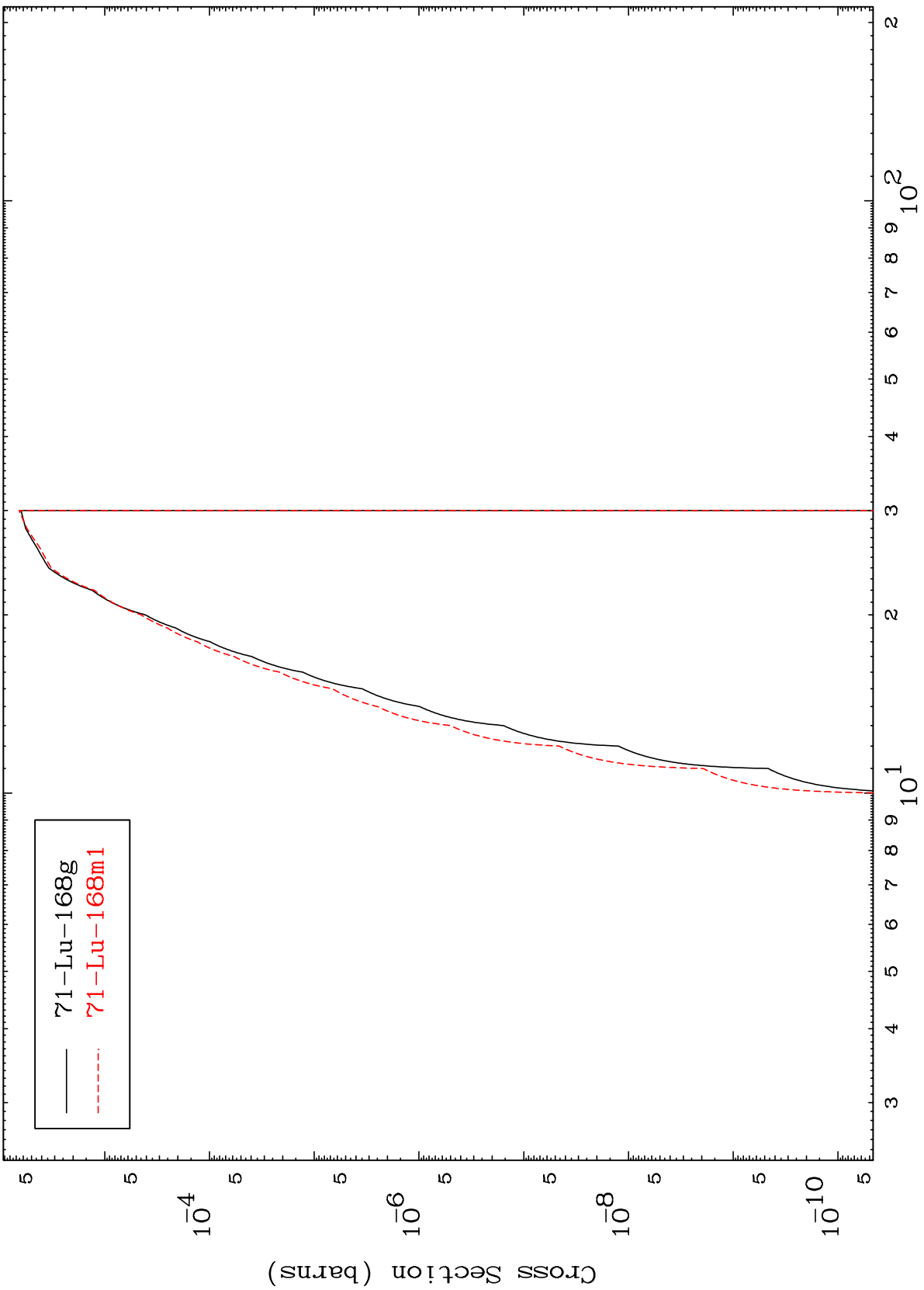
72-Hf-172

MAT 7219

$(n, n') \alpha$

72-Hf-172

Radionuclide Production Cross Section



13

Incident Energy (MeV)

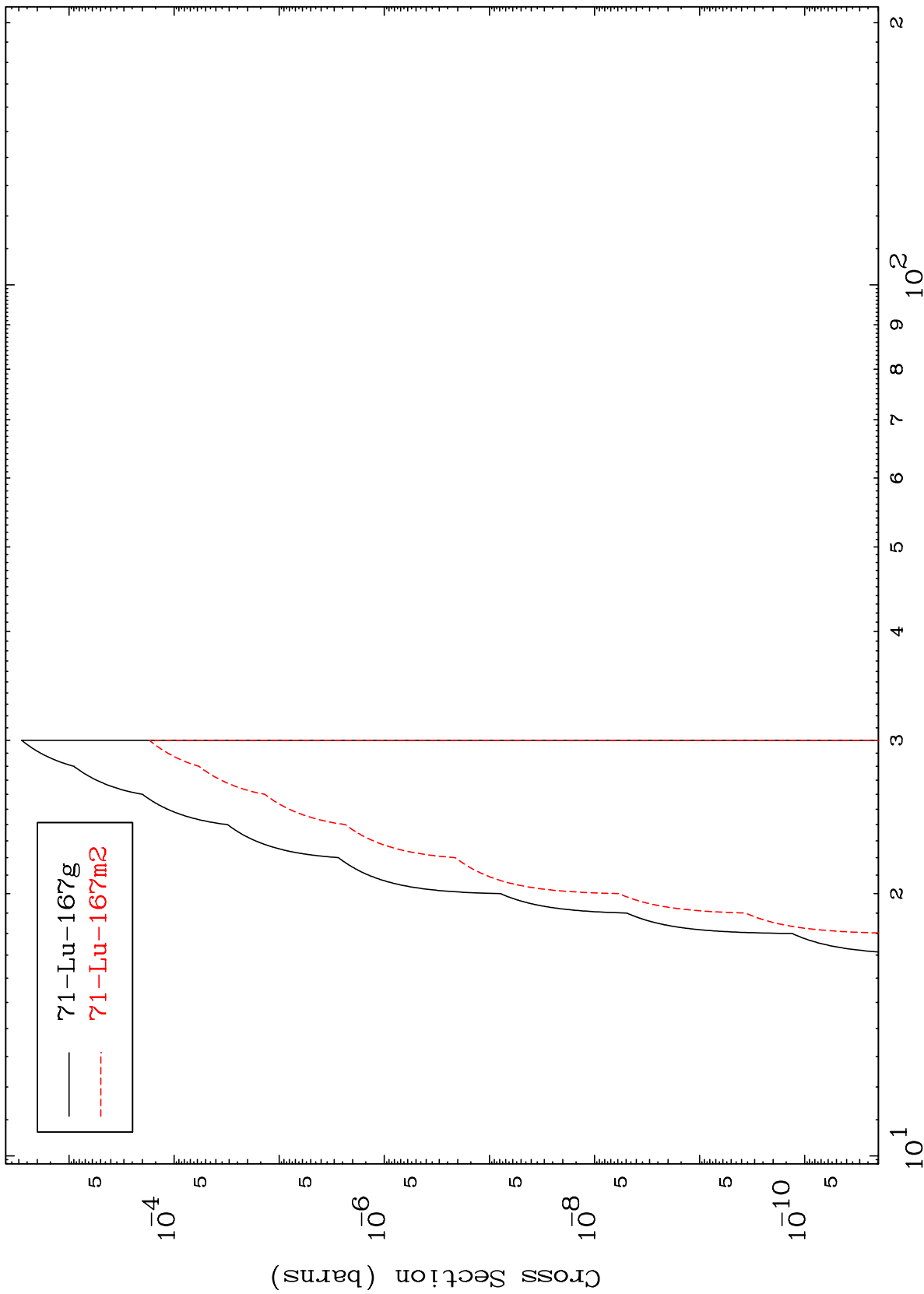
72-Hf-172

MAT 7219

(n,2n)  $\alpha$

72-Hf-172

Radionuclide Production Cross Section



Incident Energy (MeV)

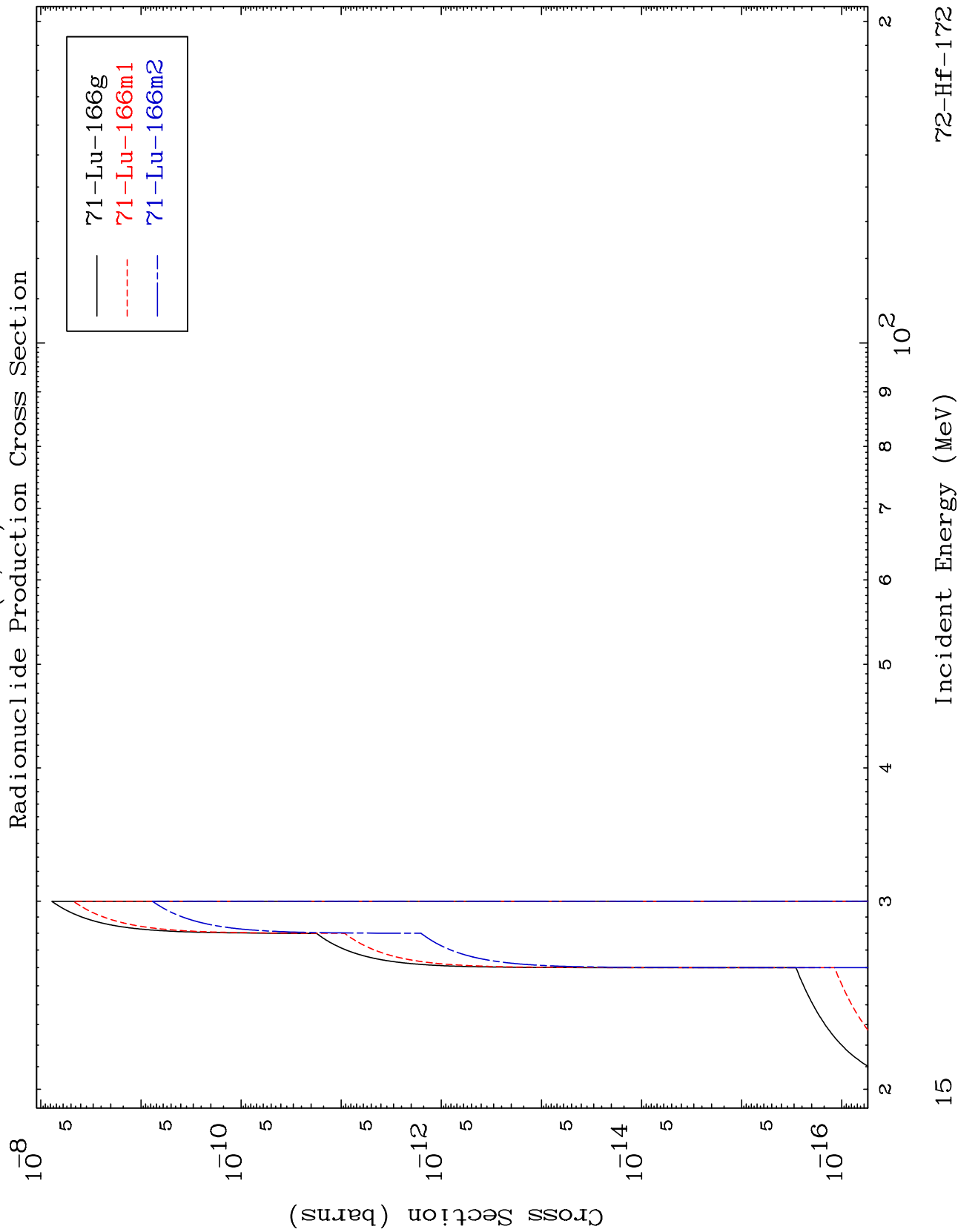
72-Hf-172

14

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(n,3n)  $\alpha$

72-Hf-172



15

Incident Energy (MeV)

72-Hf-172

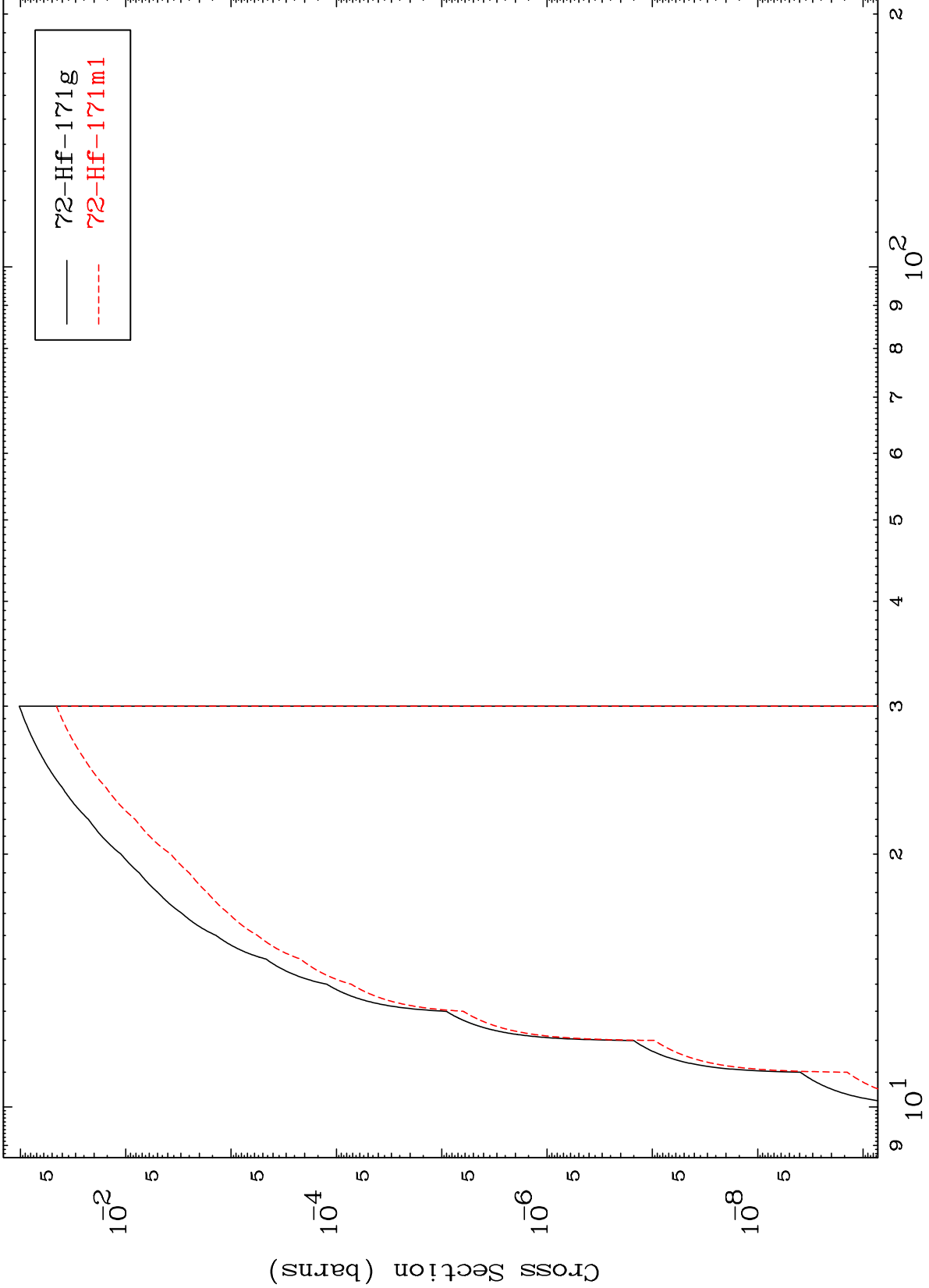


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(n,n') p

72-Hf-172

Radionuclide Production Cross Section

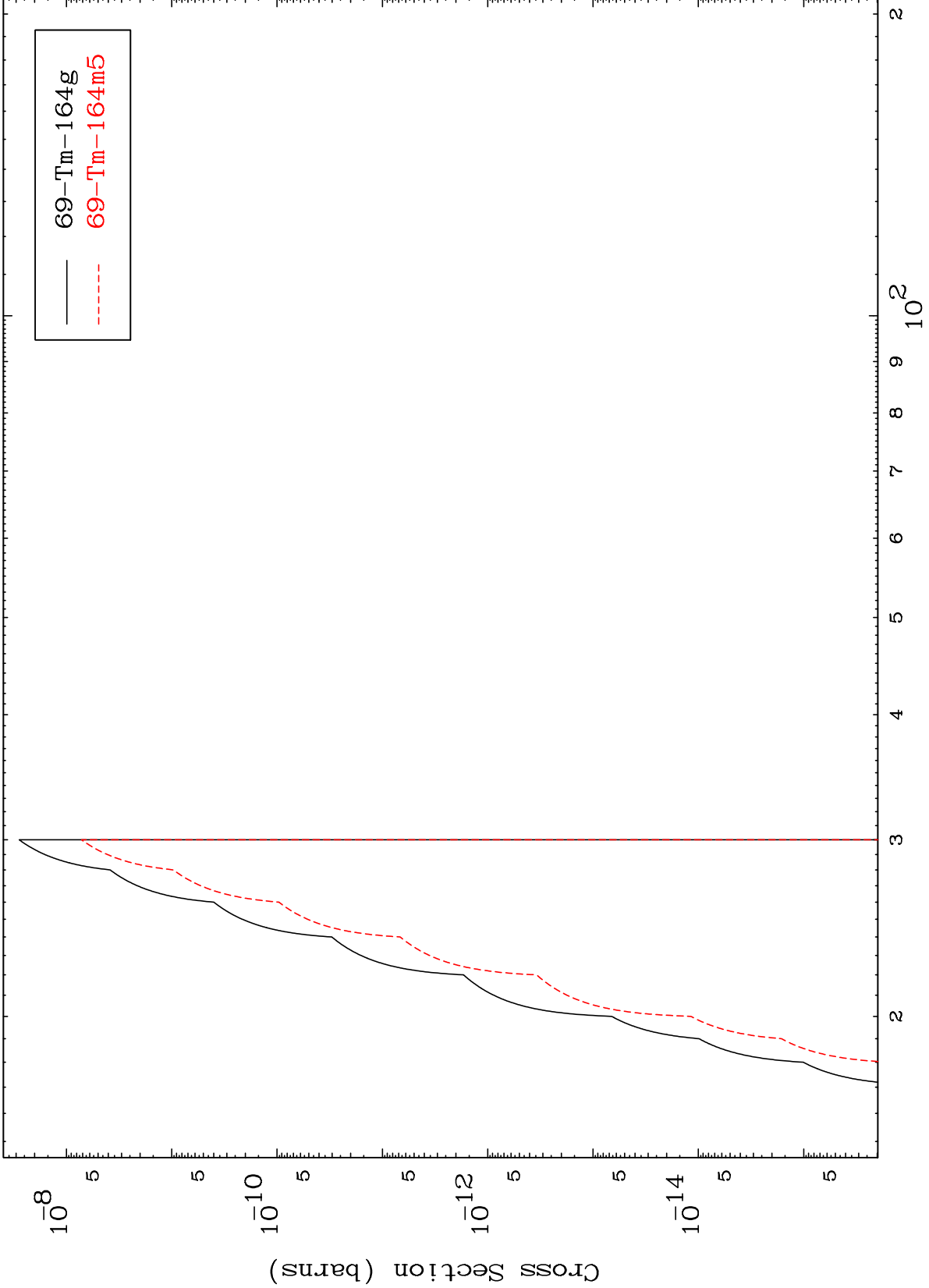


16

Incident Energy (MeV)

72-Hf-172

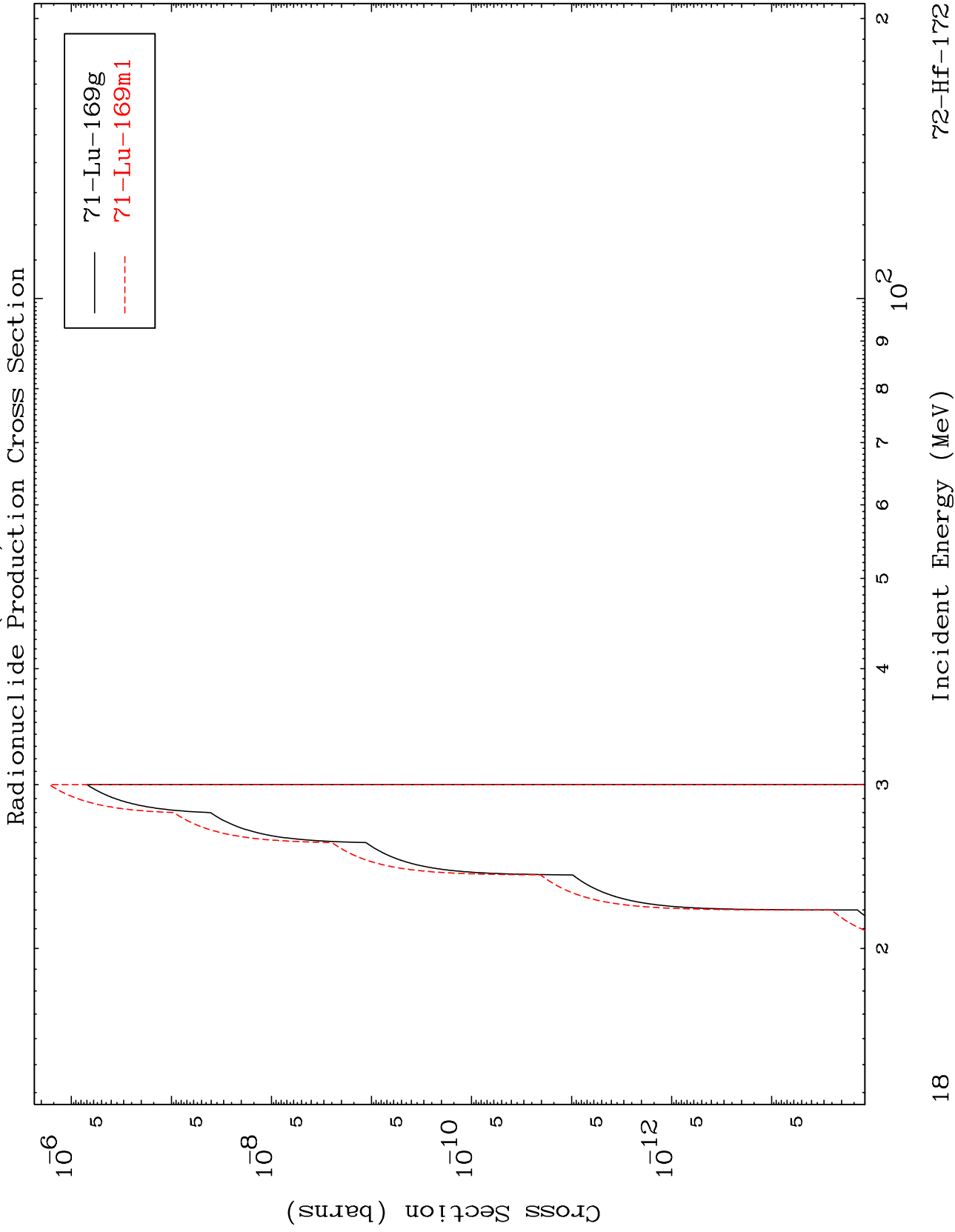
Radionuclide Production Cross Section



MAT 7219

(n,n') He-3

72-Hf-172



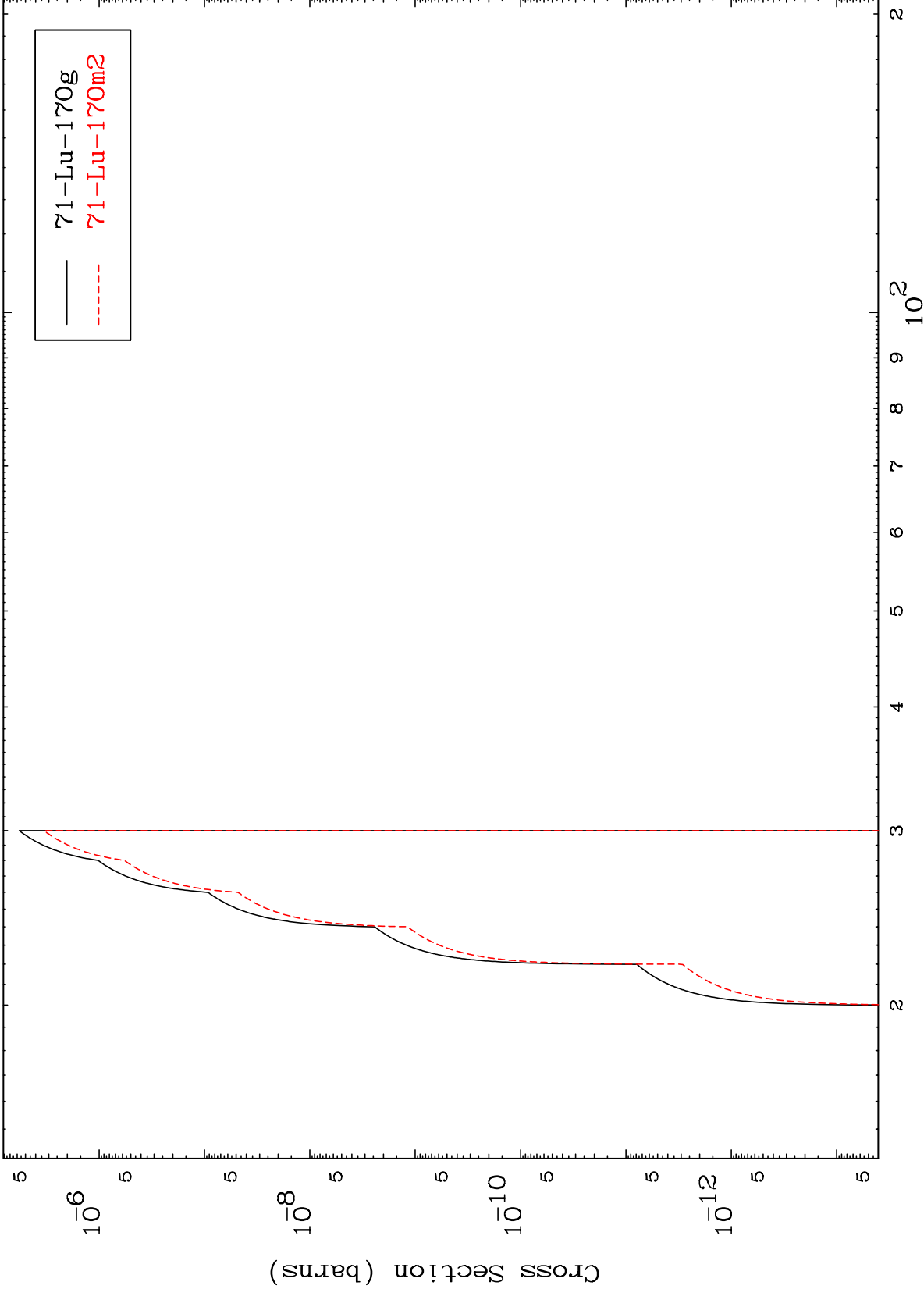
18

MAT 7219

(n,2n) p

72-Hf-172

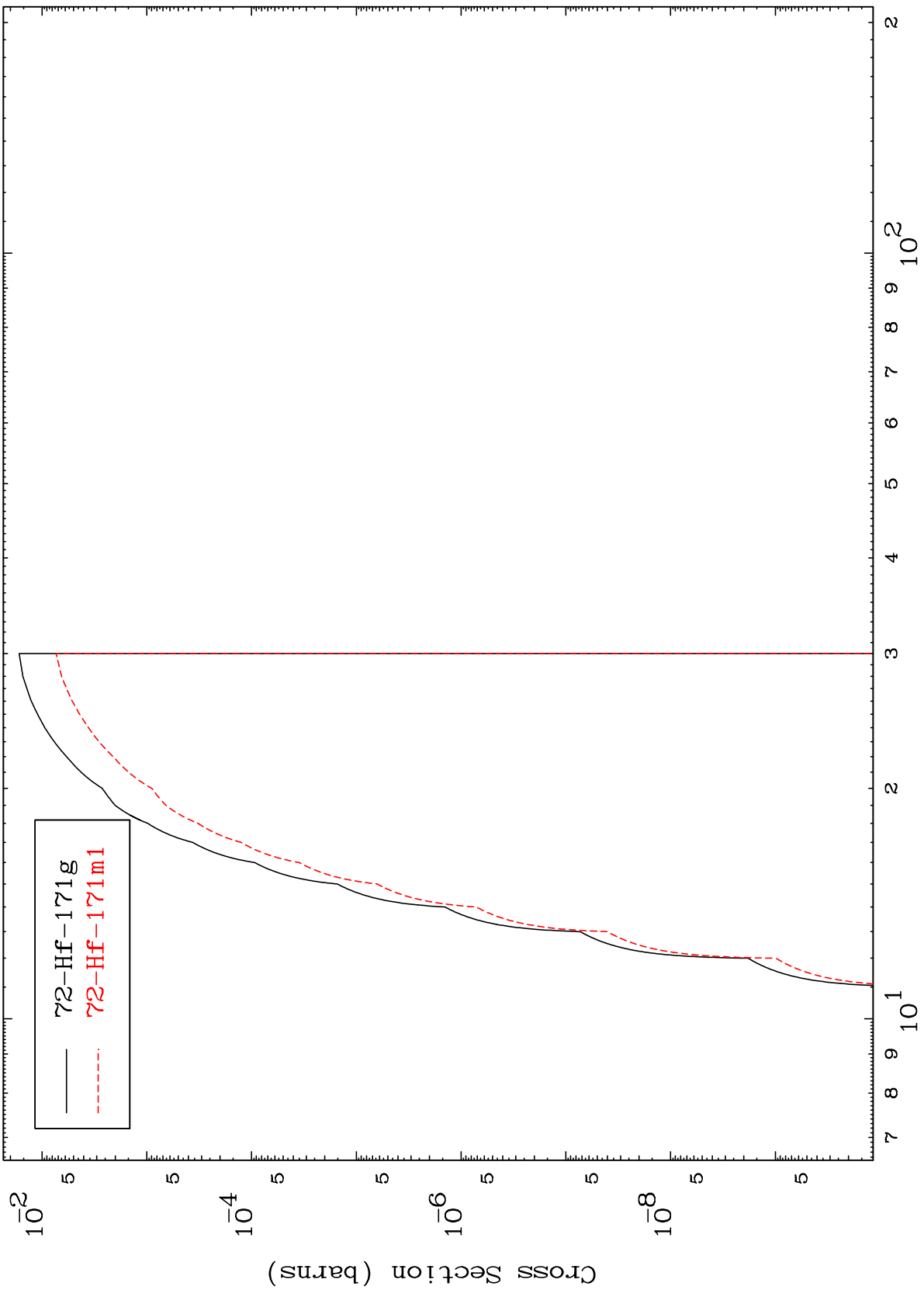
Radionuclide Production Cross Section



MAT 7219

72-Hf-172

(n,d)  
Radionuclide Production Cross Section



72-Hf-171g  
72-Hf-171m1

72-Hf-172

Incident Energy (MeV)

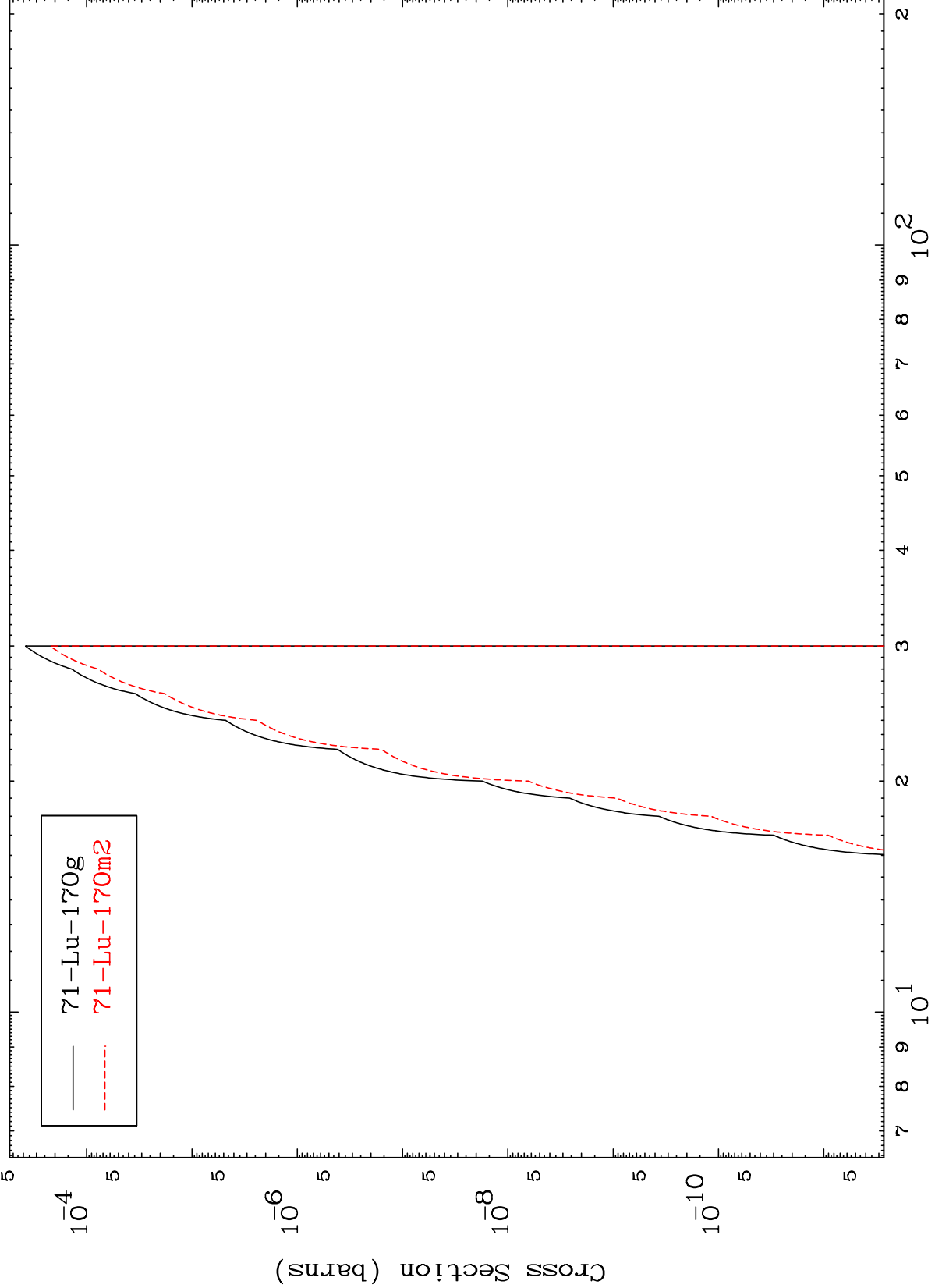
20

MAT 7219

(n,He-3)

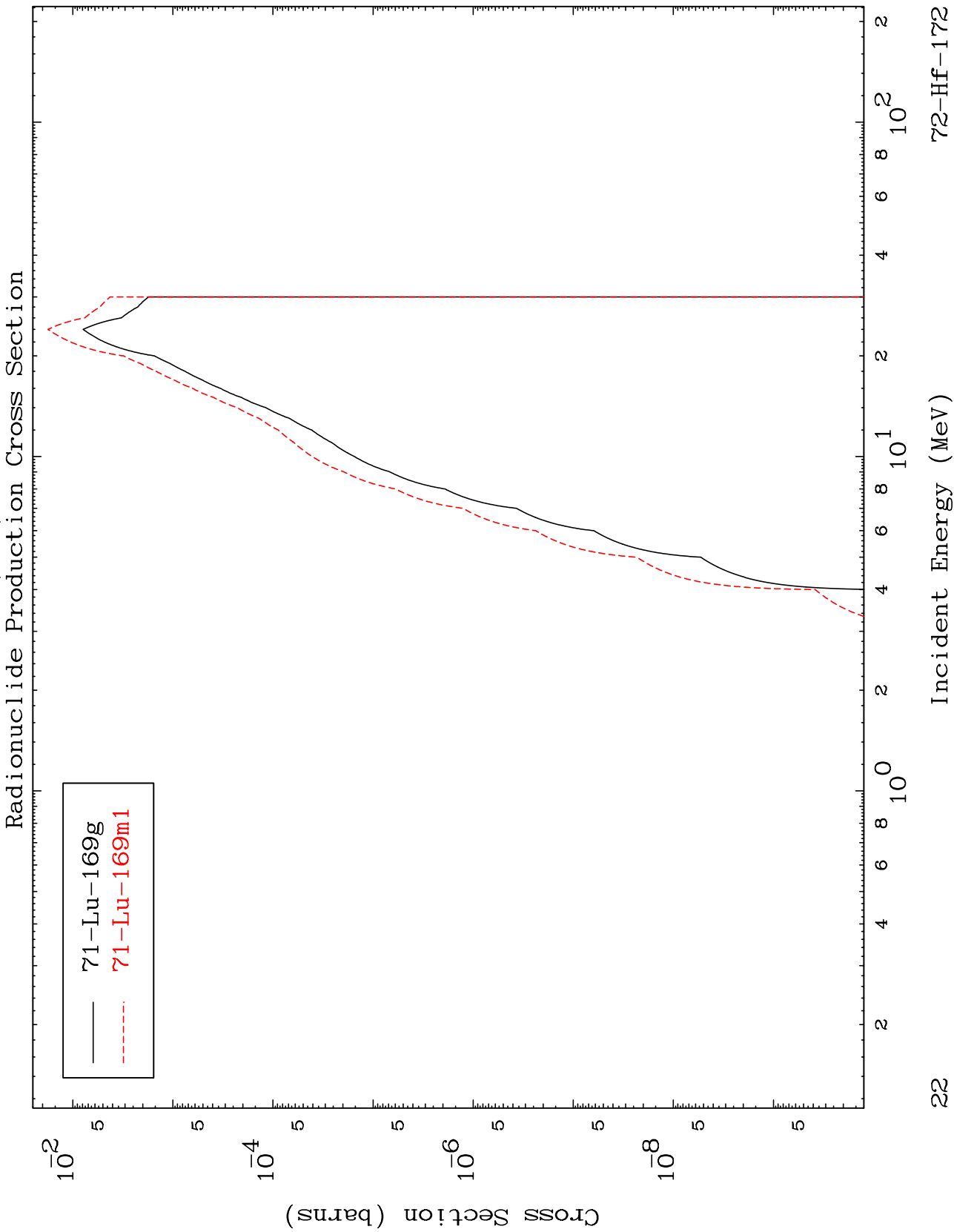
72-Hf-172

Radionuclide Production Cross Section



MAT 7219

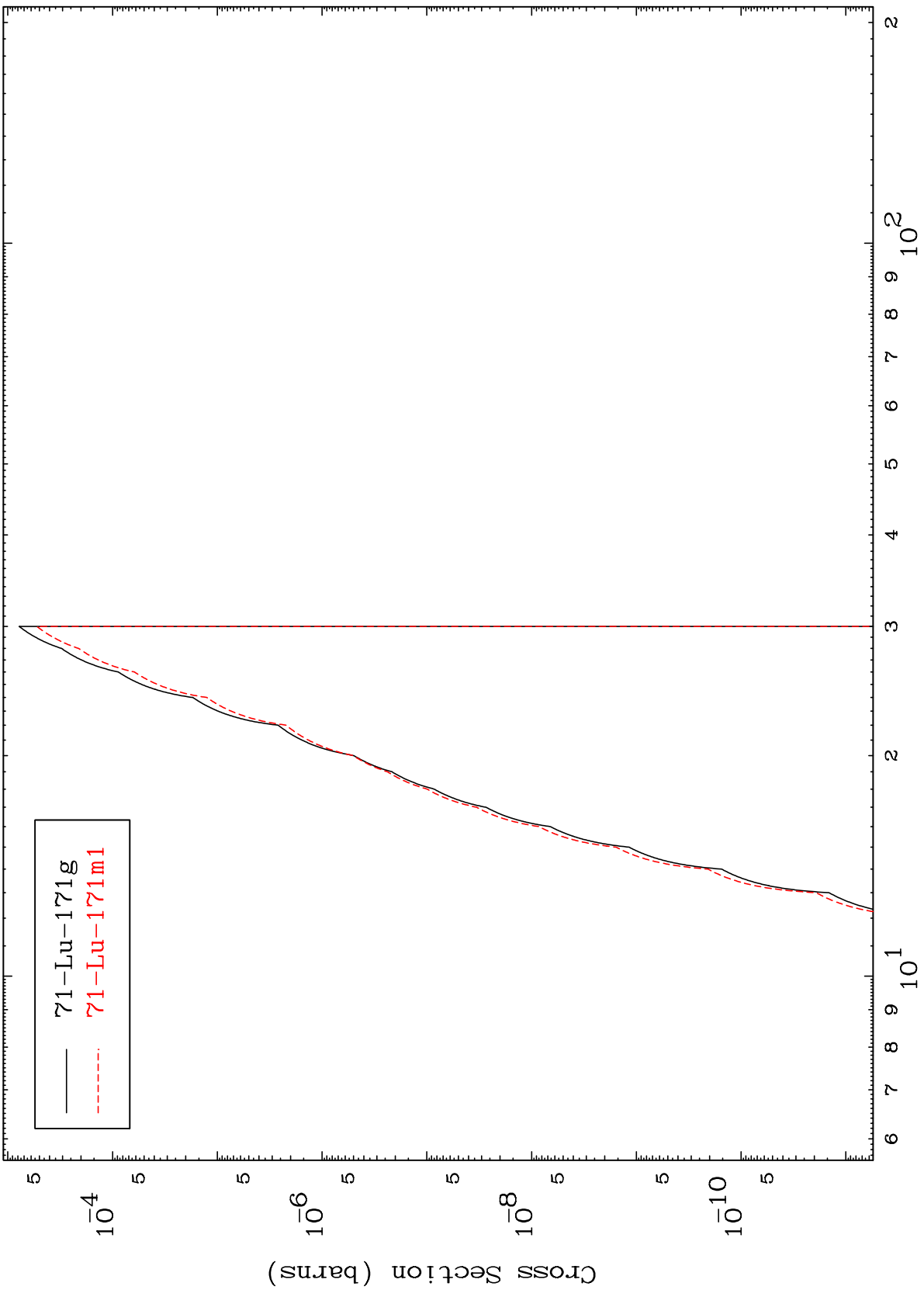
72-Hf-172



MAT 7219

72-Hf-172

Radionuclide Production Cross Section (n,2p)



23

Incident Energy (MeV)

72-Hf-172



MAT 7219

(n,p) d

72-Hf-172

