

Program EVALPLOT
(Version 2021-1)

by

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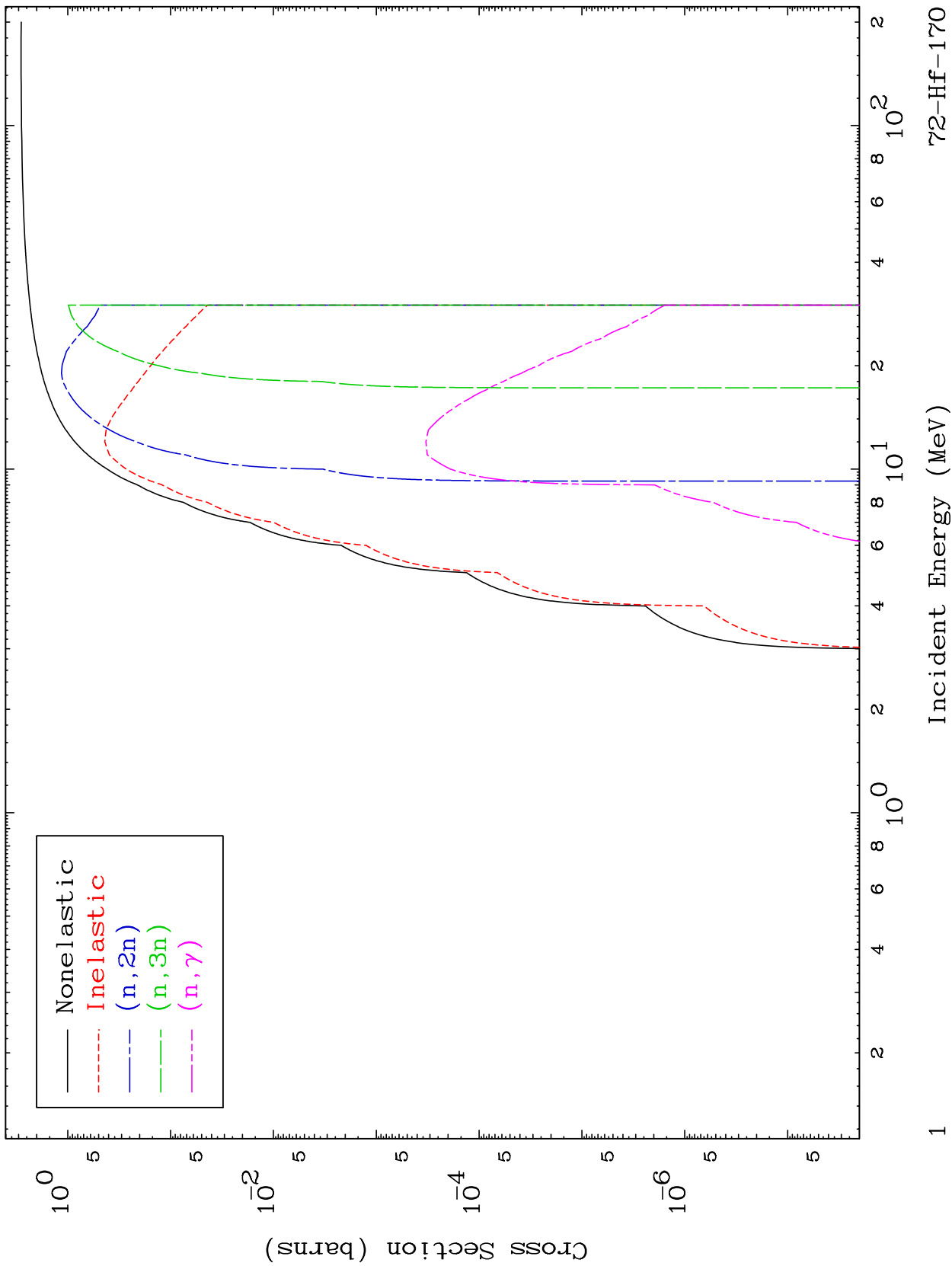
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7213

Deuteron Major
0 Kelvin Cross Sections

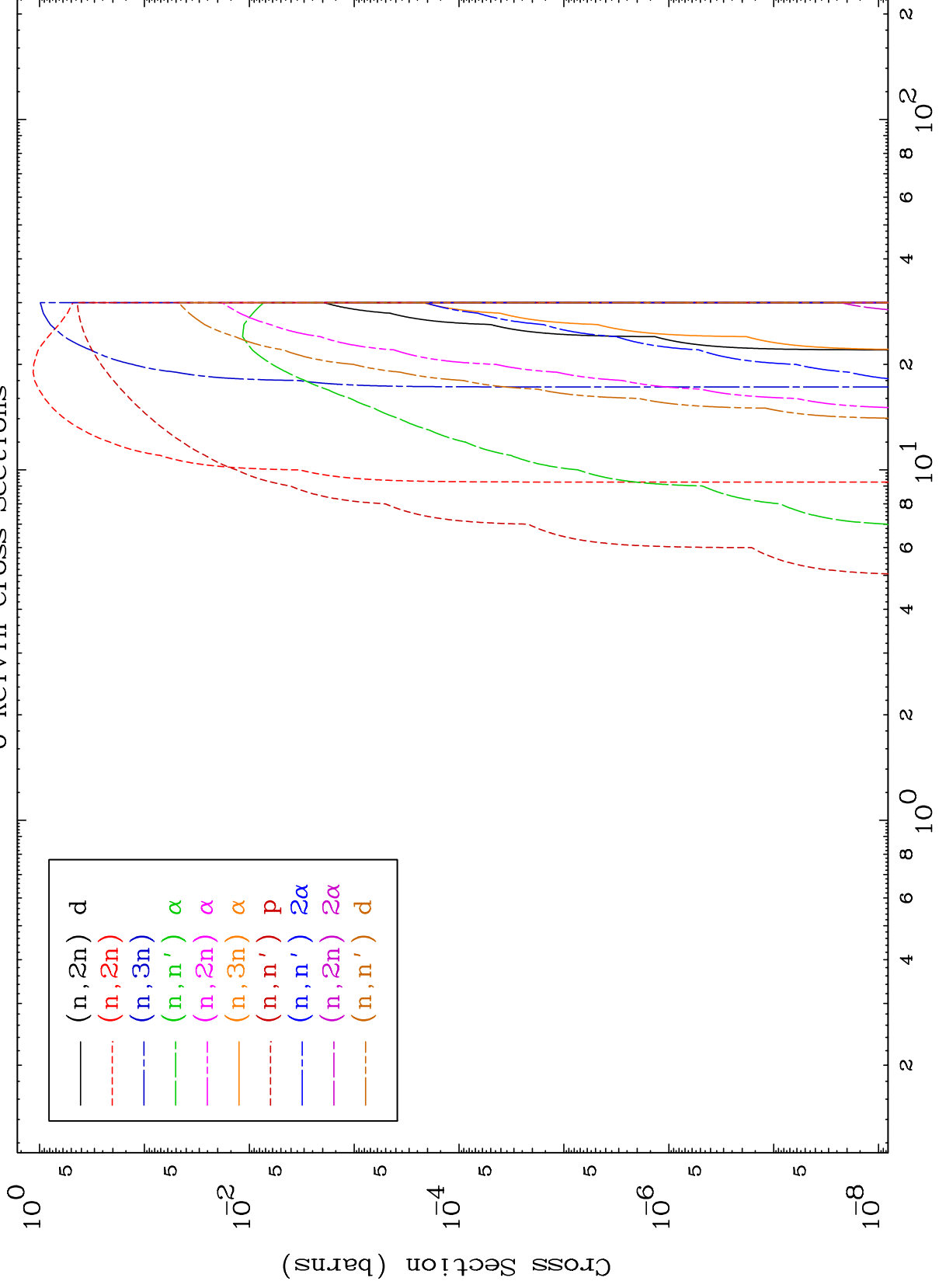
72-Hf-170

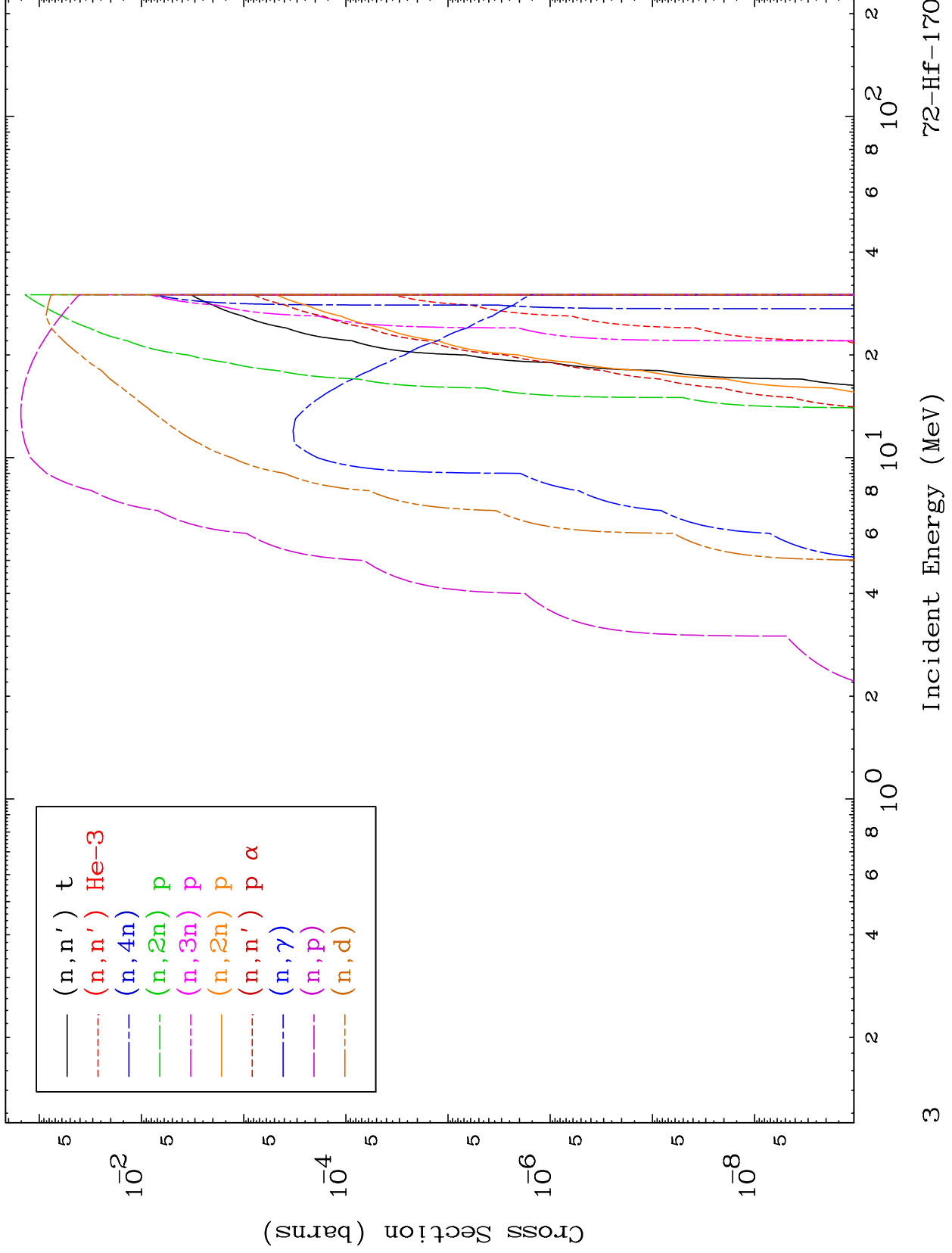


MAT 7213

Deuteron Neutron Absorption
0 Kelvin Cross Sections

72-Hf-170

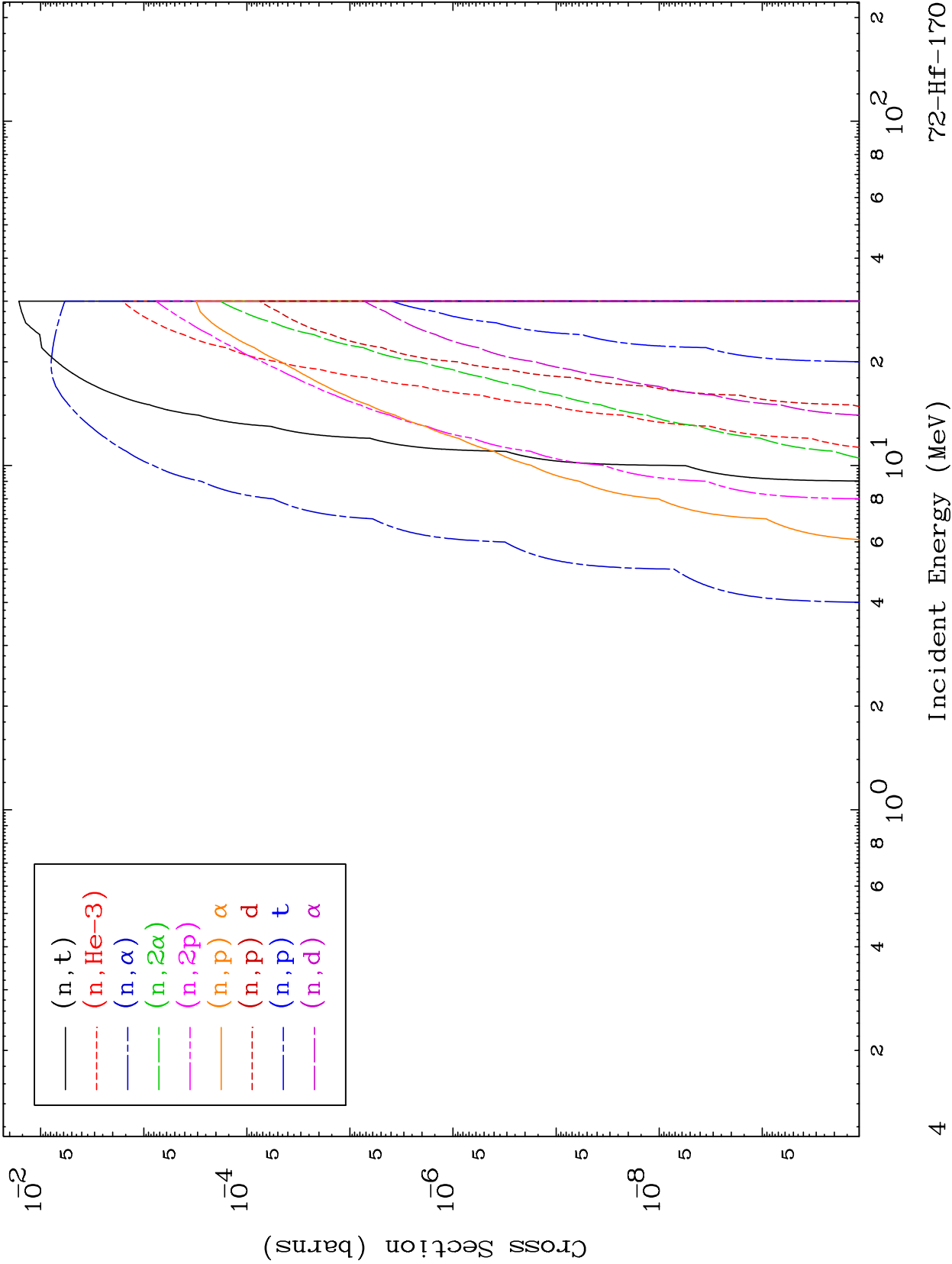


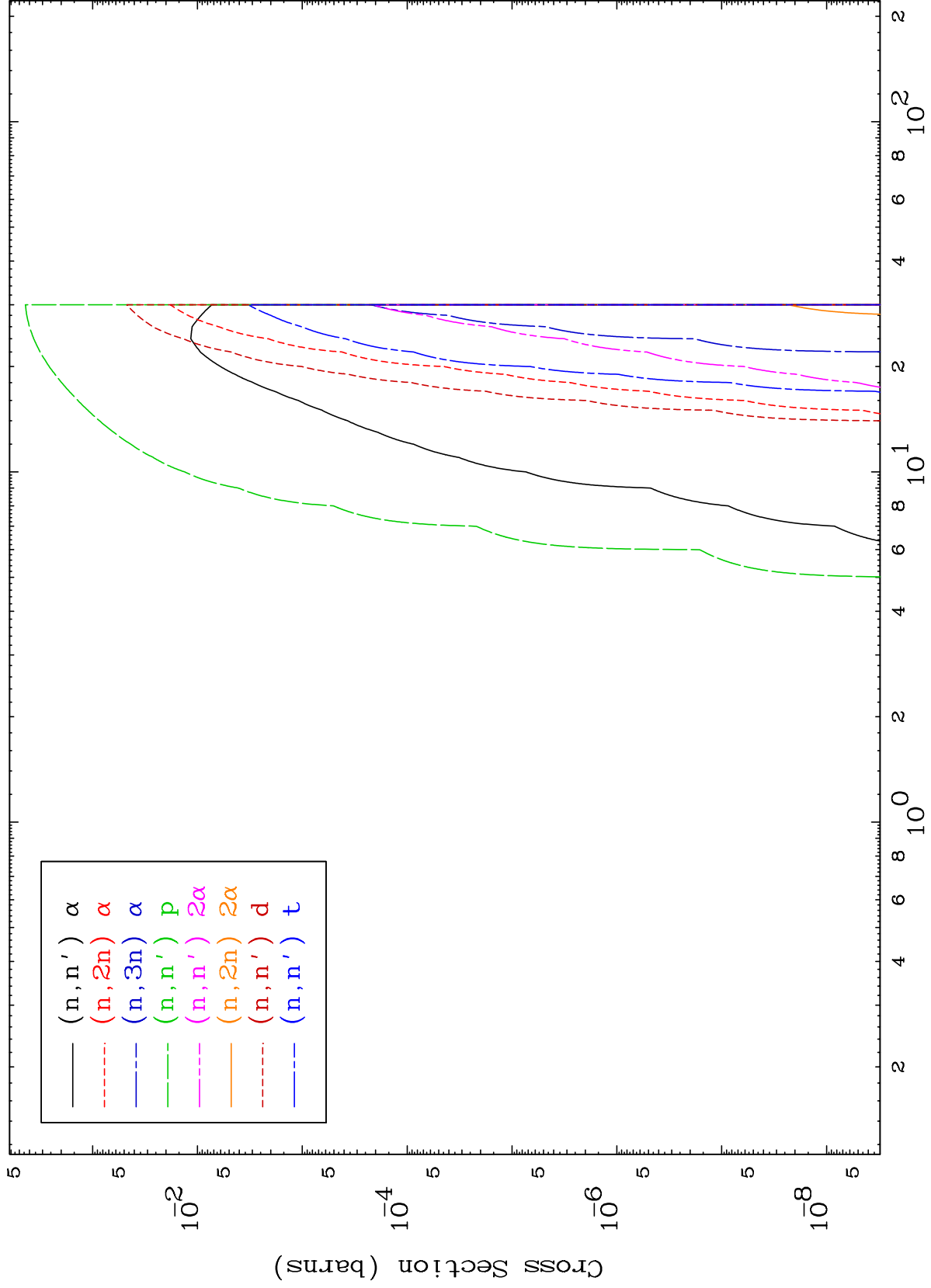


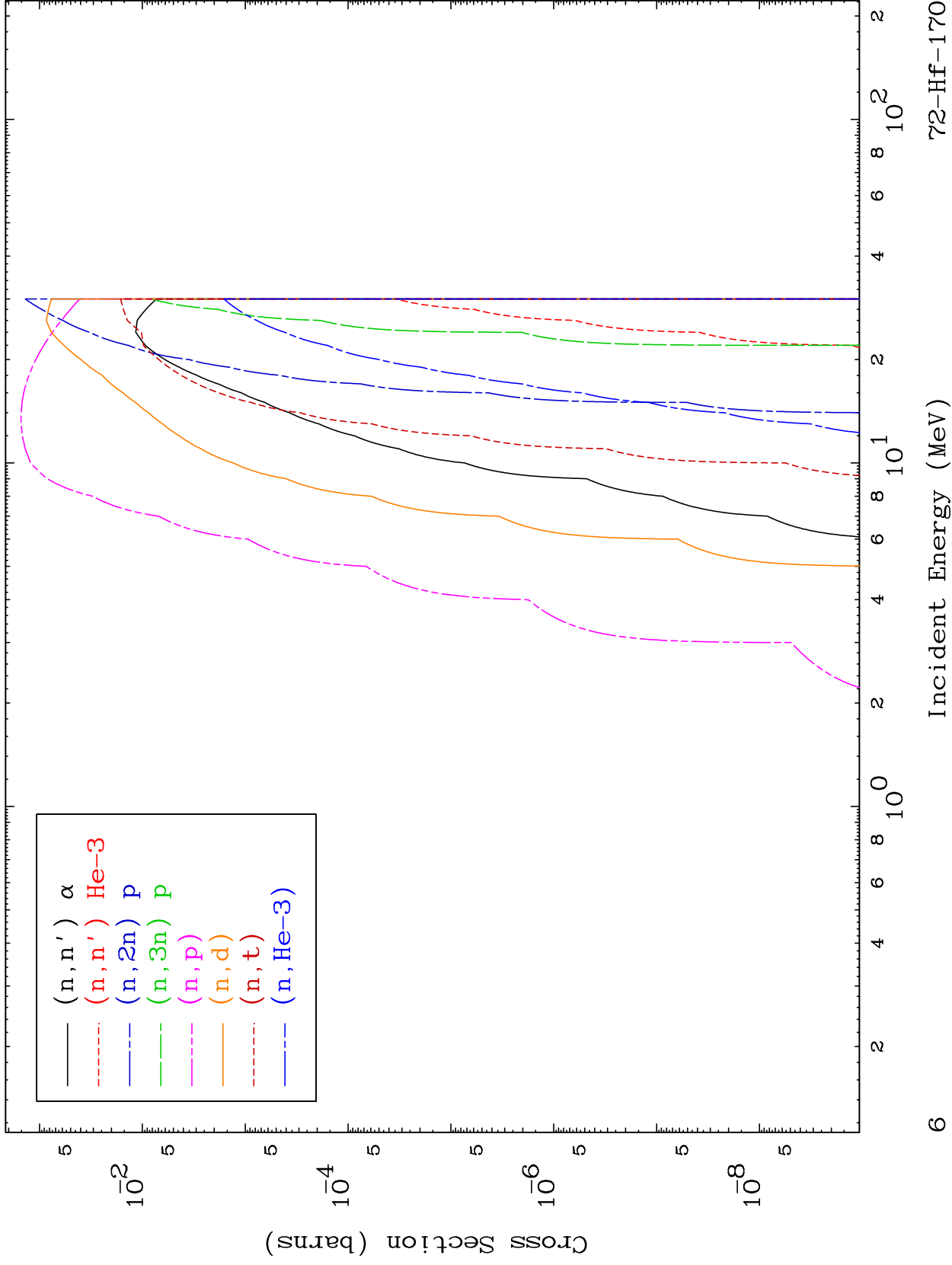
MAT 7213

Deuteron Neutron Absorption
0 Kelvin Cross Sections

72-Hf-170



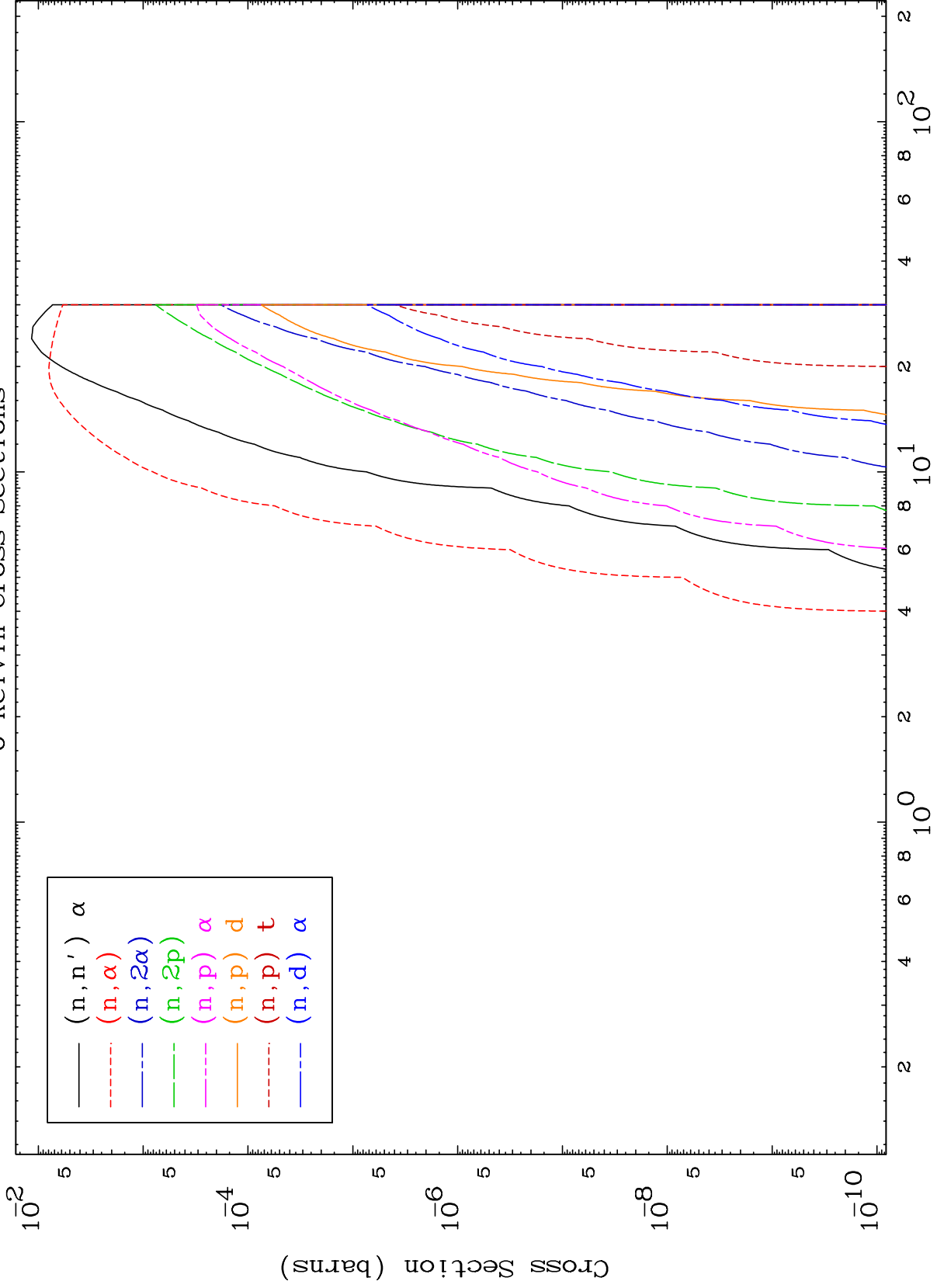




MAT 7213

Deuteron Charged Particle
0 Kelvin Cross Sections

72-Hf-170

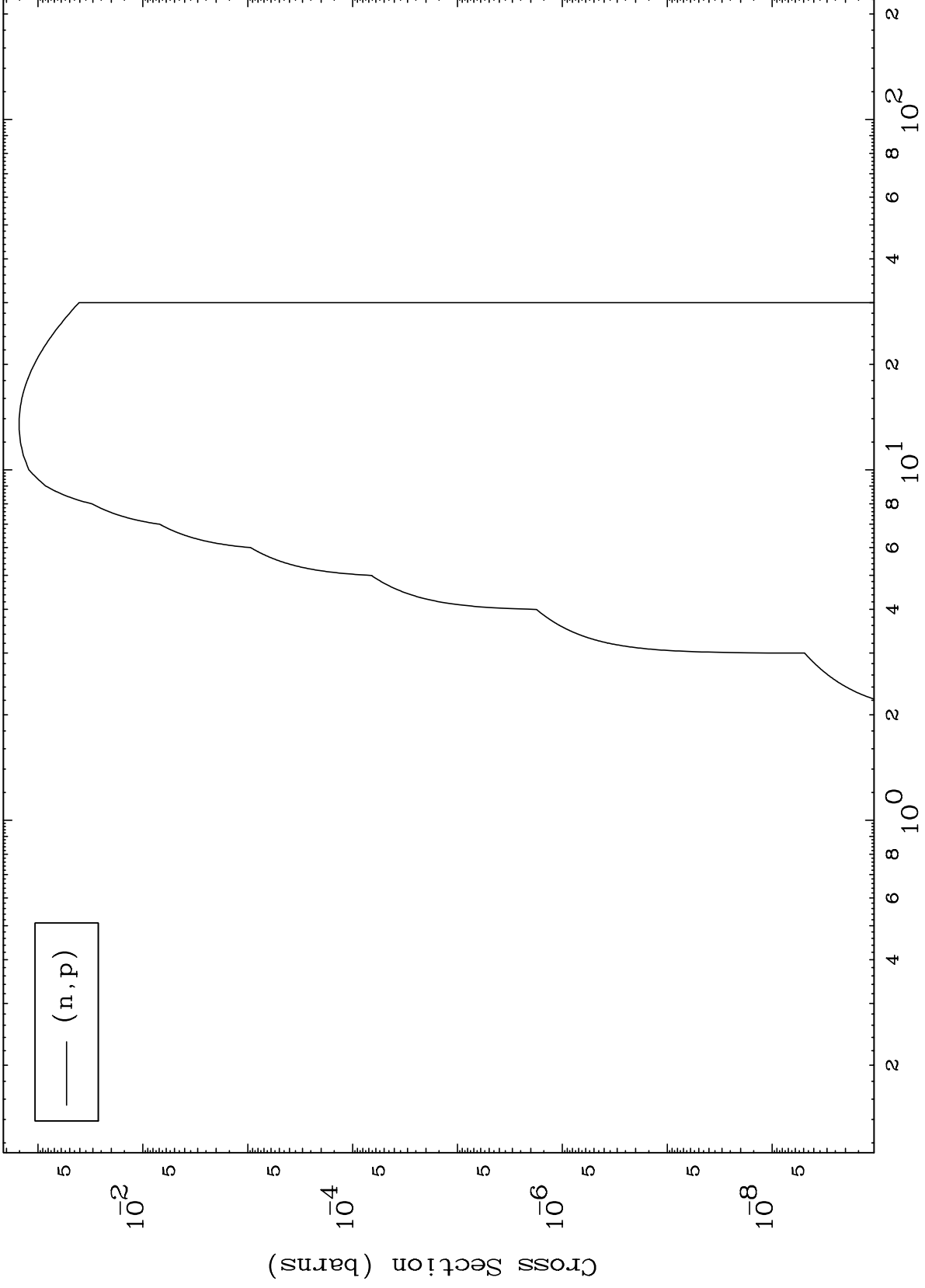


MAT 7213

(d,p) Levels

72-Hf-170

0 Kelvin Cross Sections



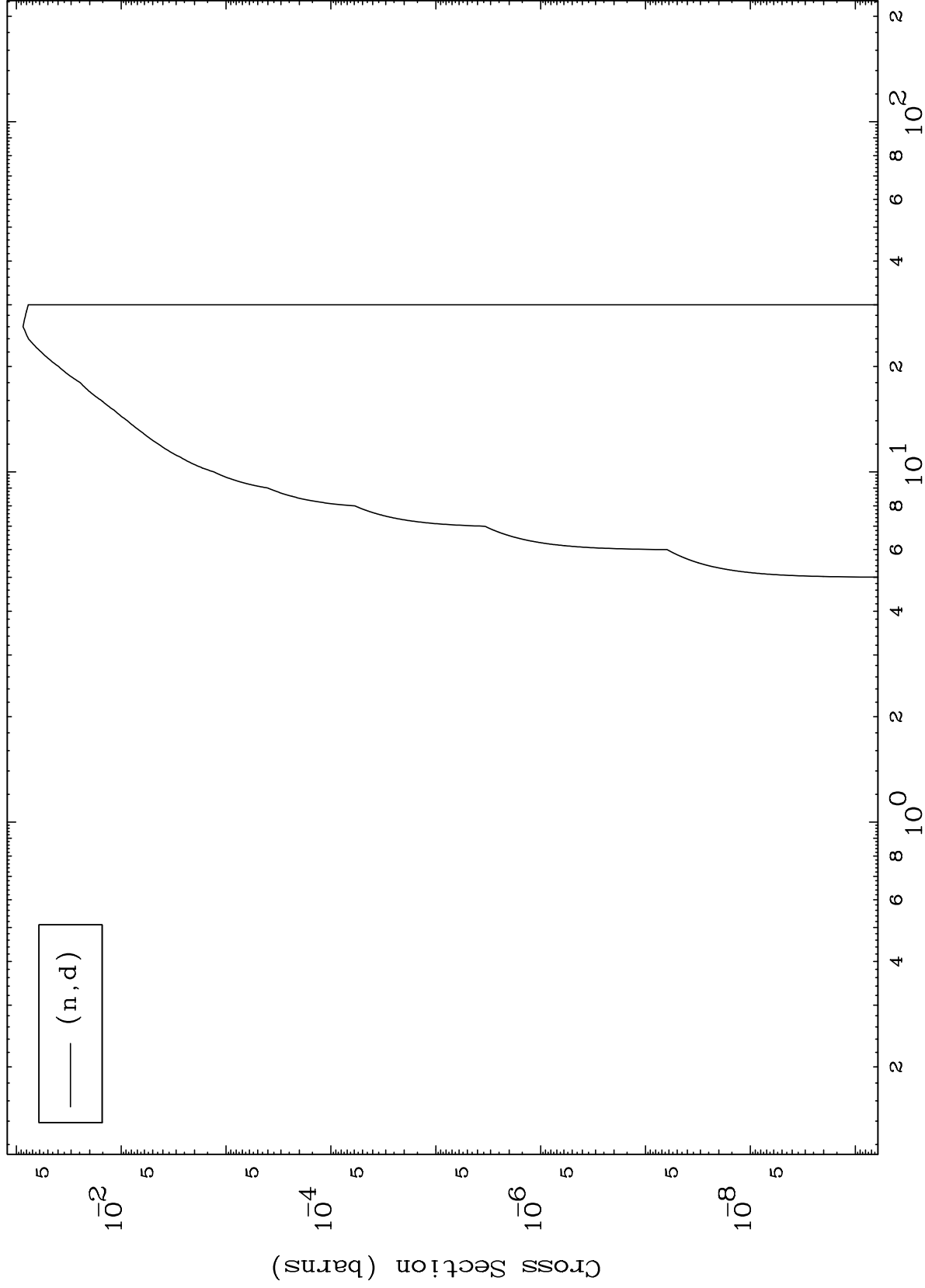
(n,p)

MAT 7213

(d,d) Levels

72-Hf-170

0 Kelvin Cross Sections

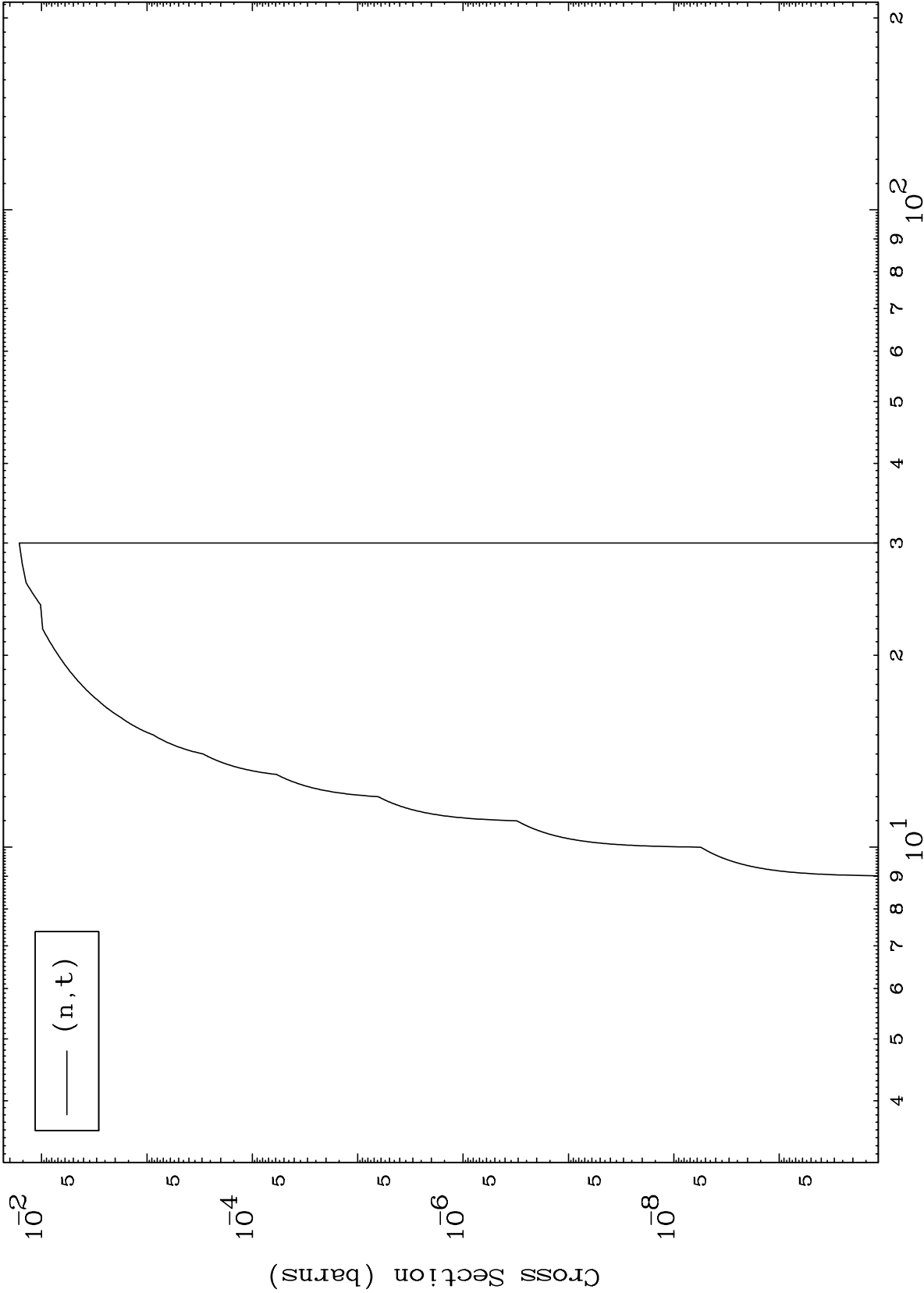


MAT 7213

(d,t) Levels

72-Hf-170

0 Kelvin Cross Sections



10

Incident Energy (MeV)

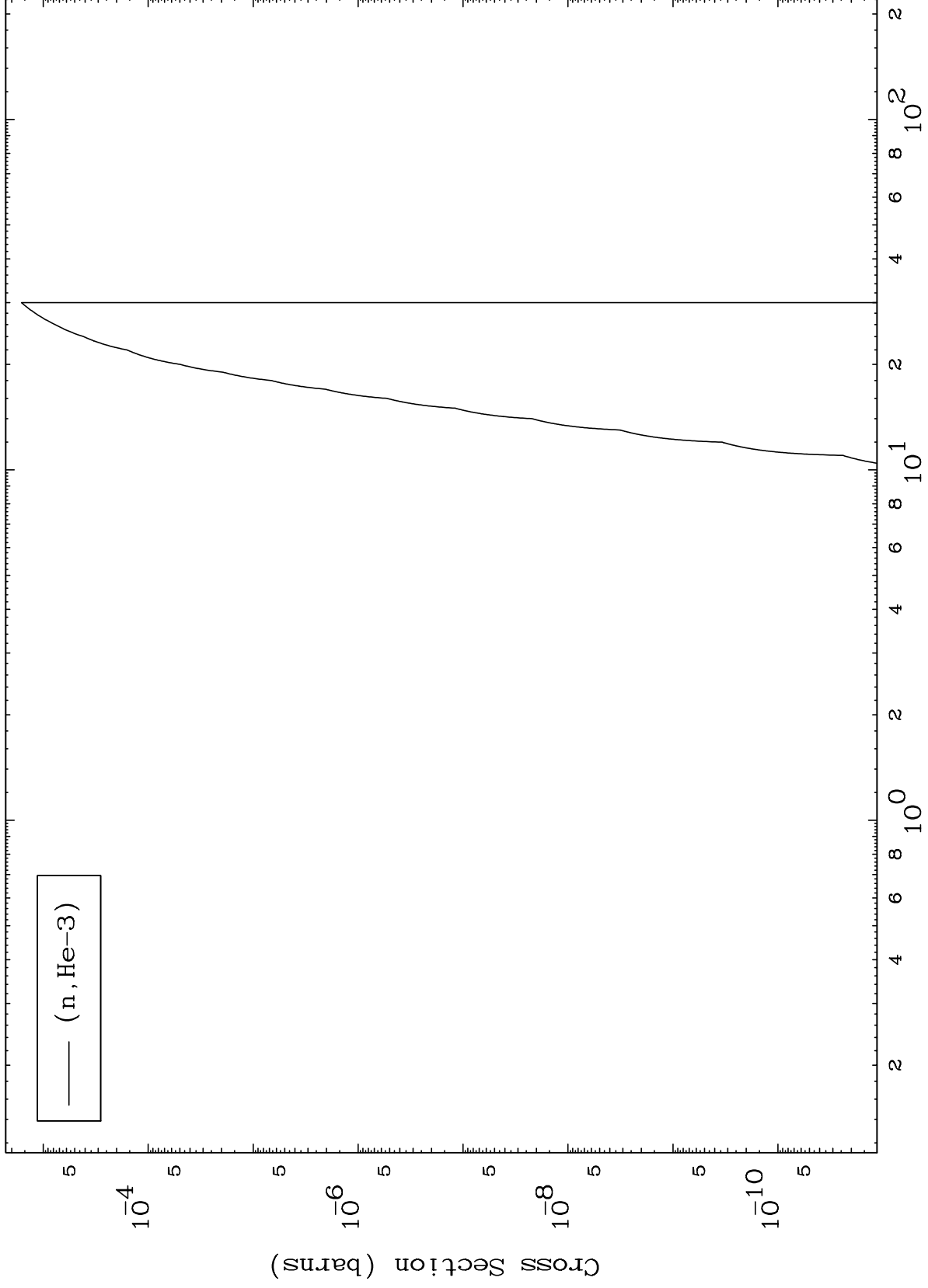
72-Hf-170

MAT 7213

(d,He3) Levels

72-Hf-170

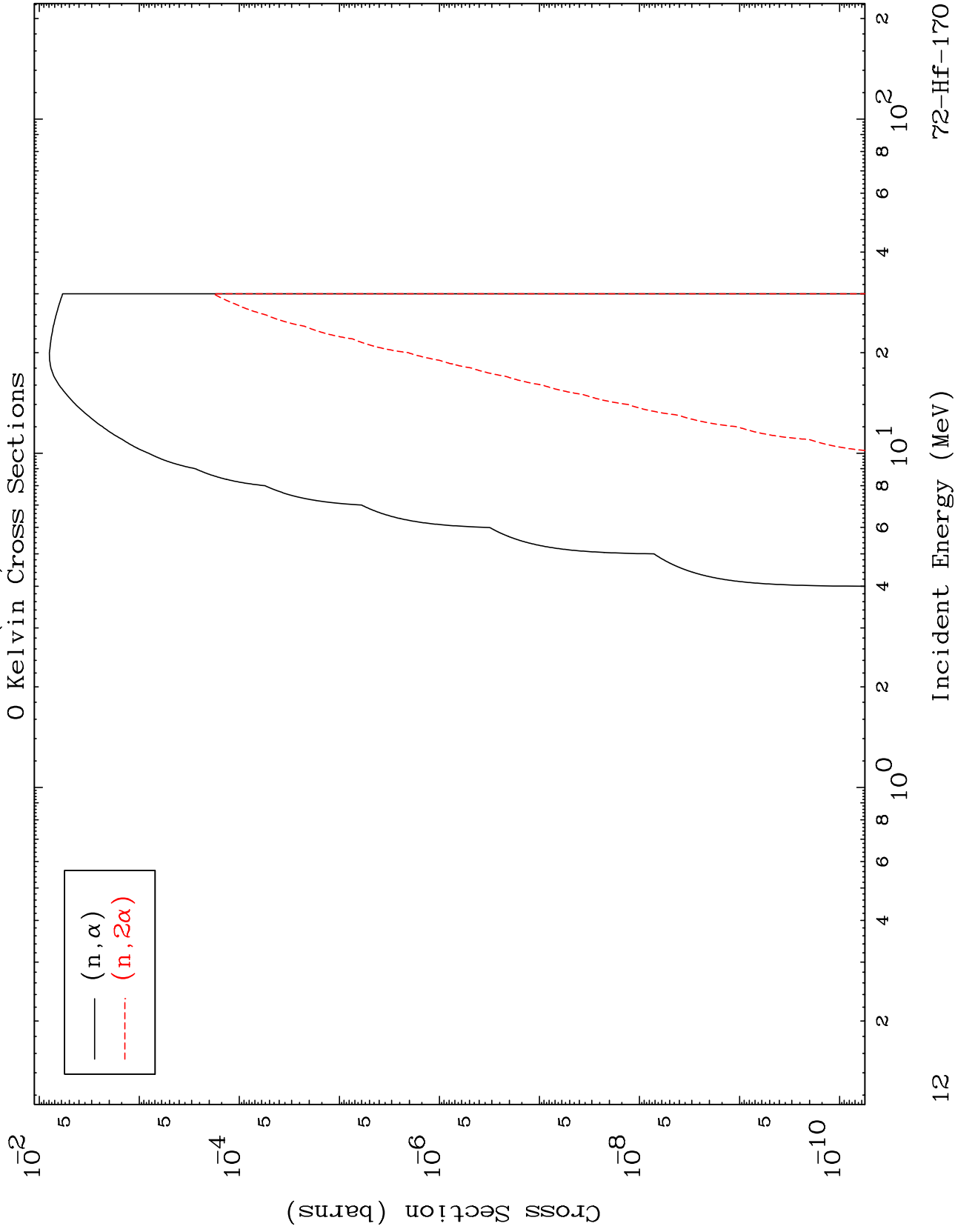
0 Kelvin Cross Sections



MAT 7213

(d, α) Levels

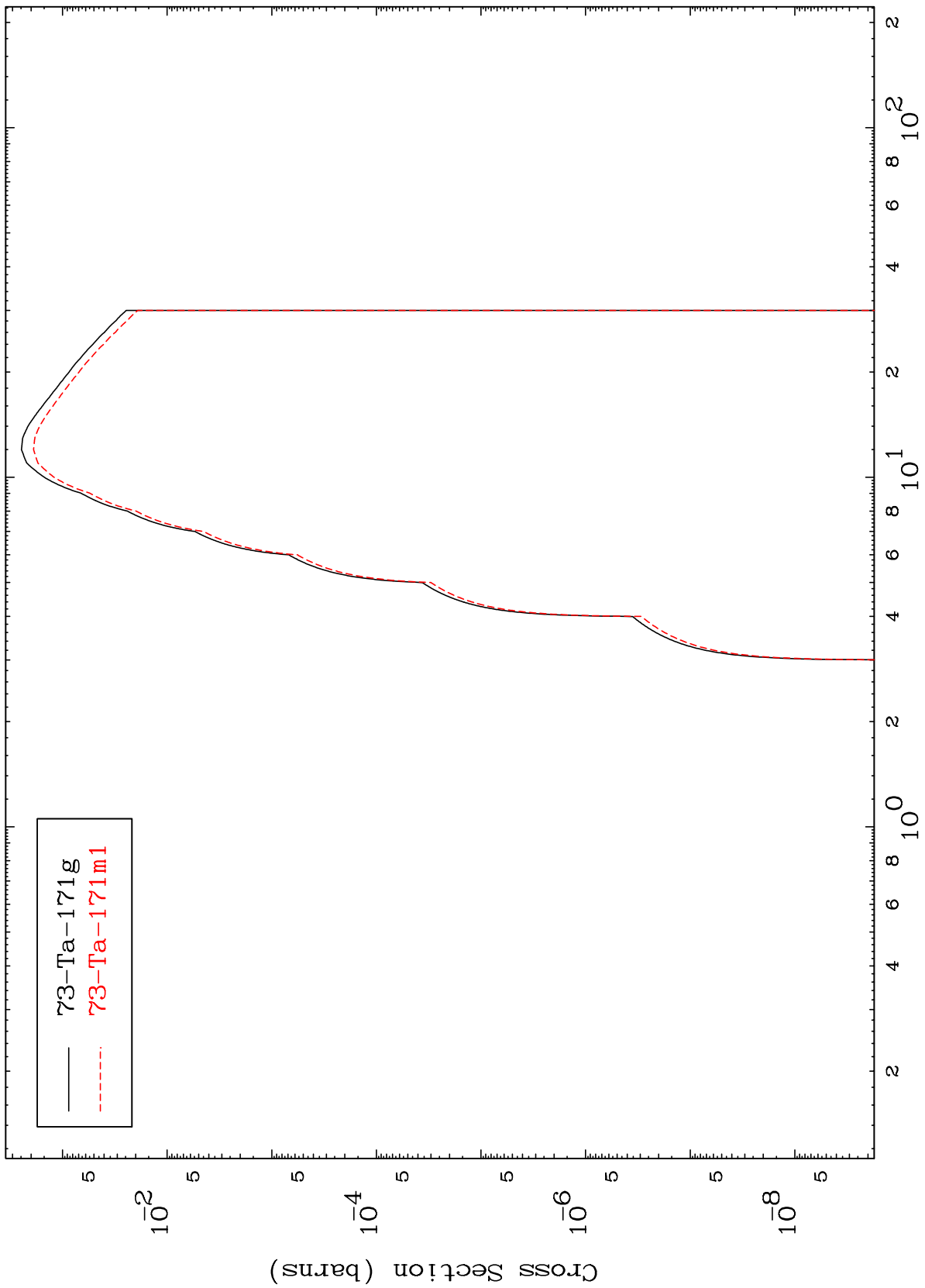
72-Hf-170



MAT 7213

72-Hf-170

Inelastic
Radionuclide Production Cross Section

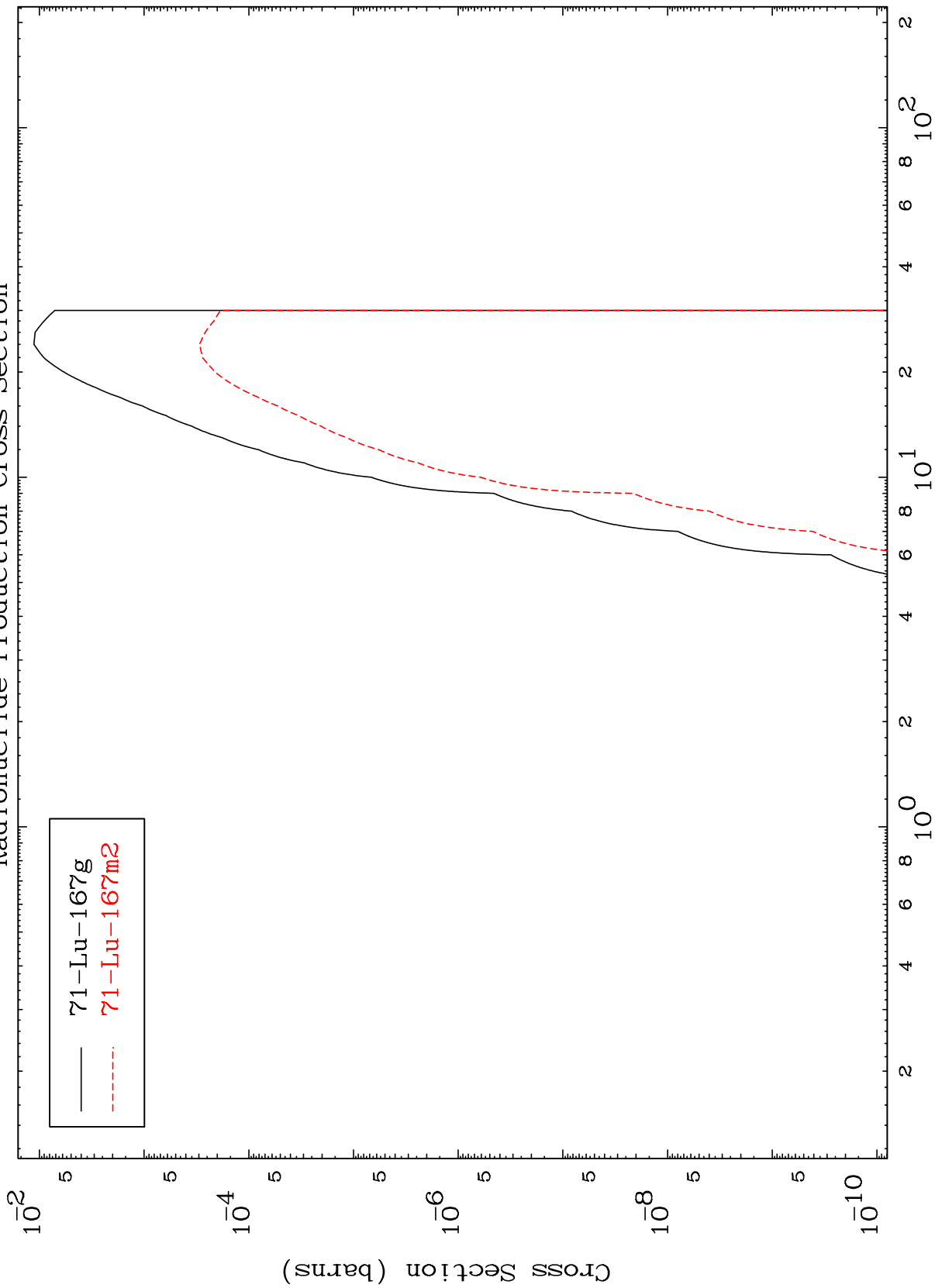


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$(n, n') \alpha$

72-Hf-170

Radionuclide Production Cross Section



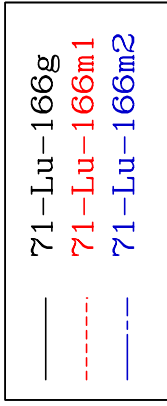
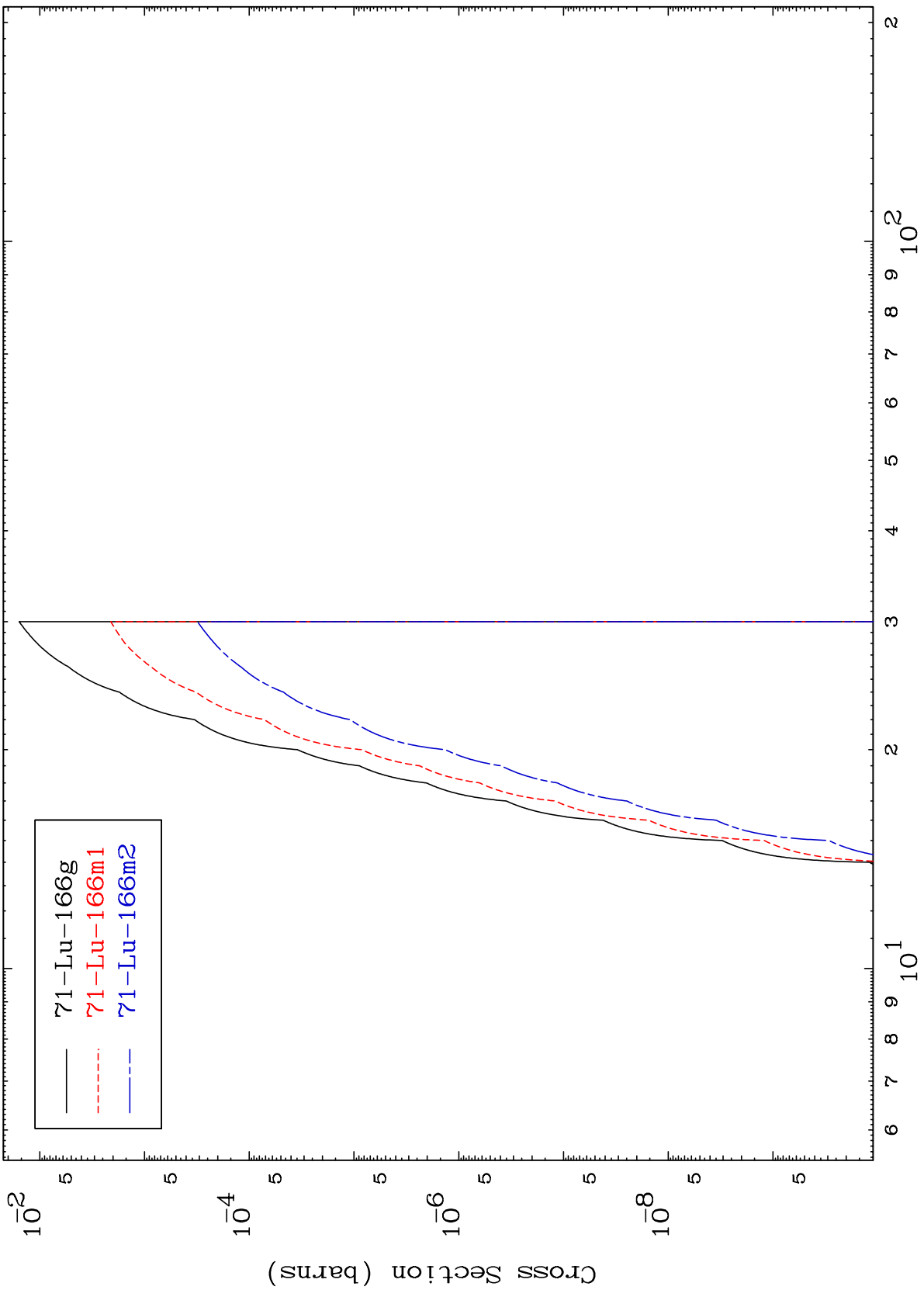
71-Lu-167g
71-Lu-167m2

MAT 7213

(n,2n) α

72-Hf-170

Radionuclide Production Cross Section



15

Incident Energy (MeV)

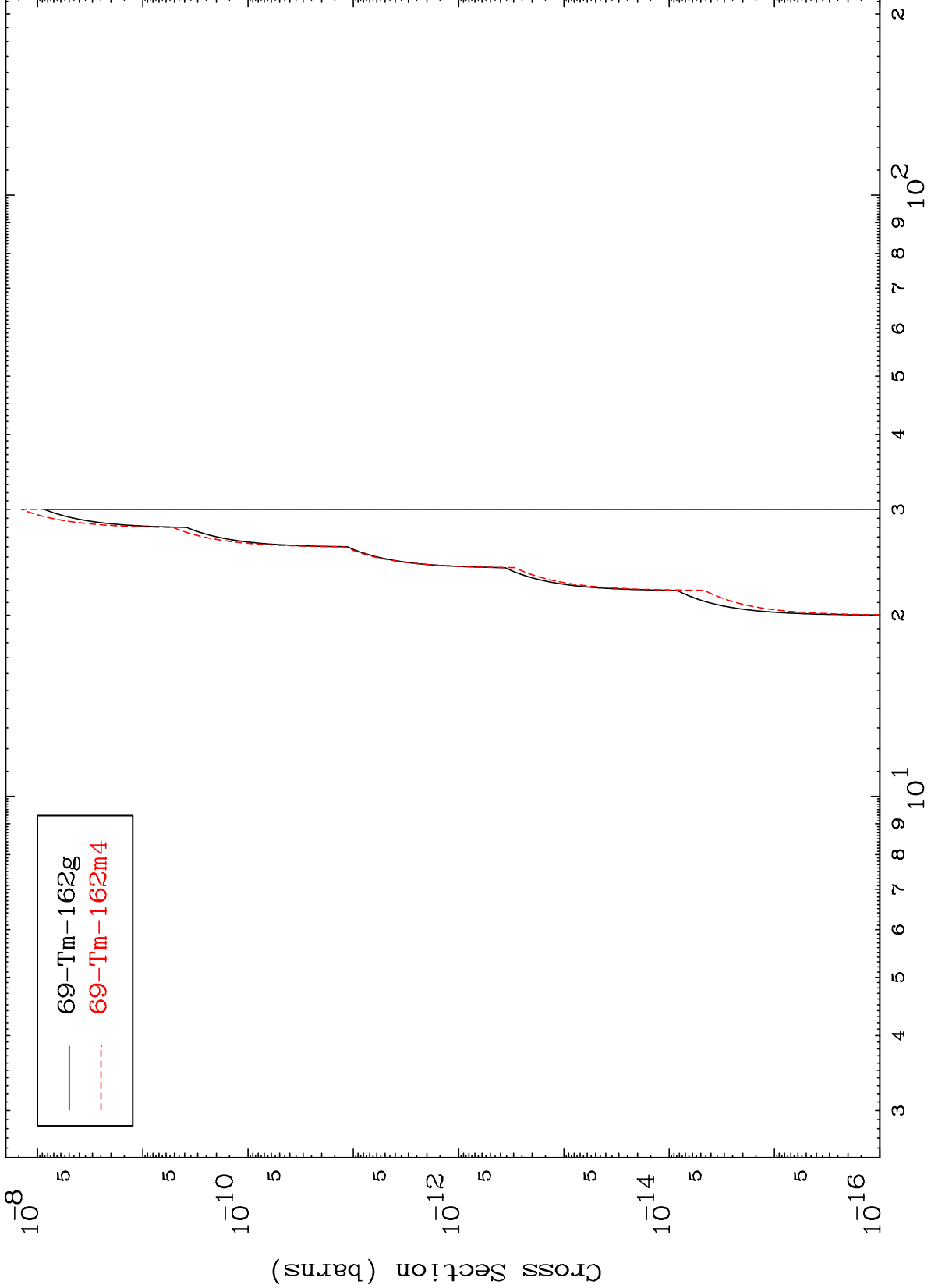
72-Hf-170

MAT 7213

$^{72}\text{Hf-170}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section



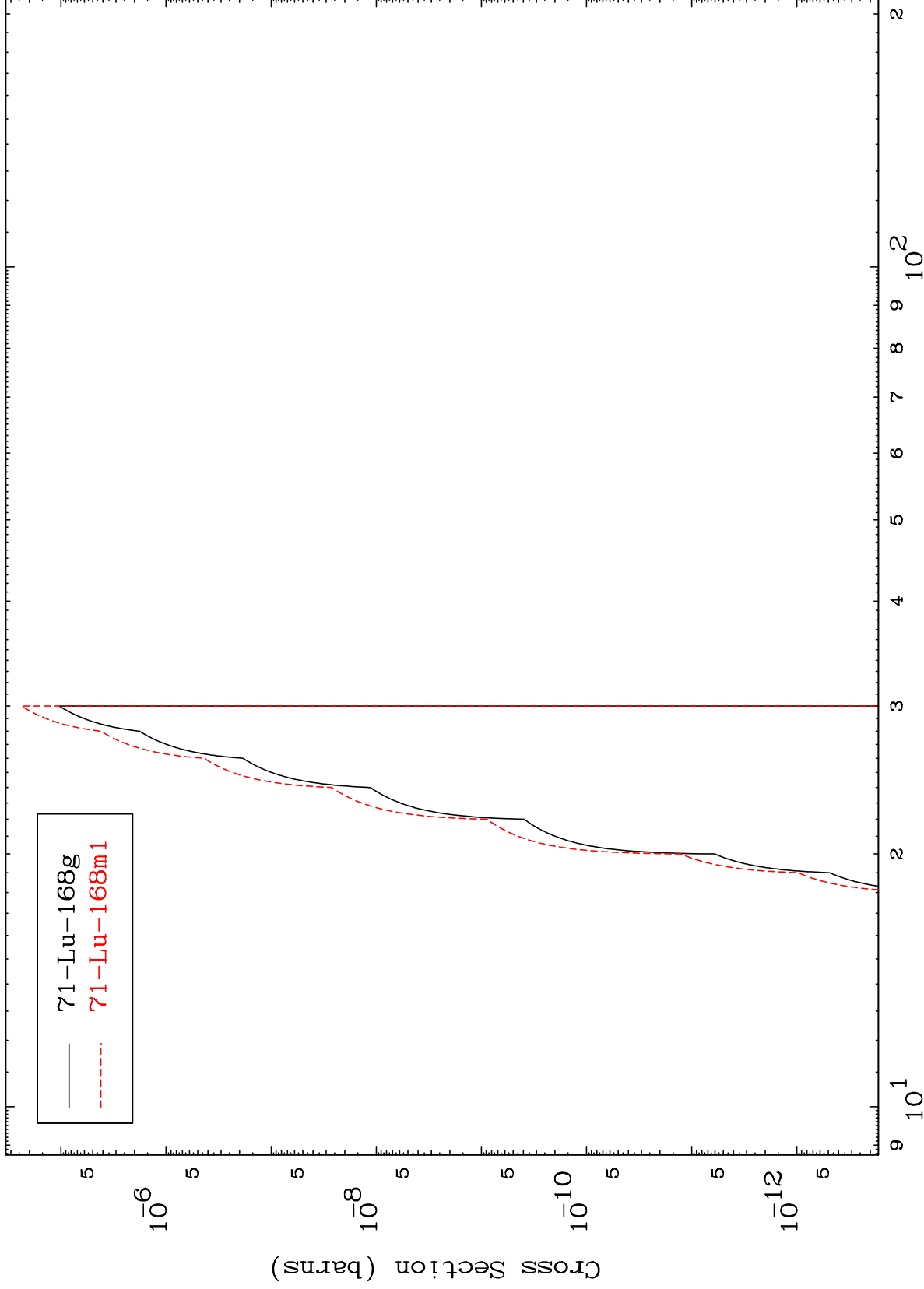
69-Tm-162g
69-Tm-162m4

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(n,n') He-3

72-Hf-170

Radionuclide Production Cross Section



17

Incident Energy (MeV)

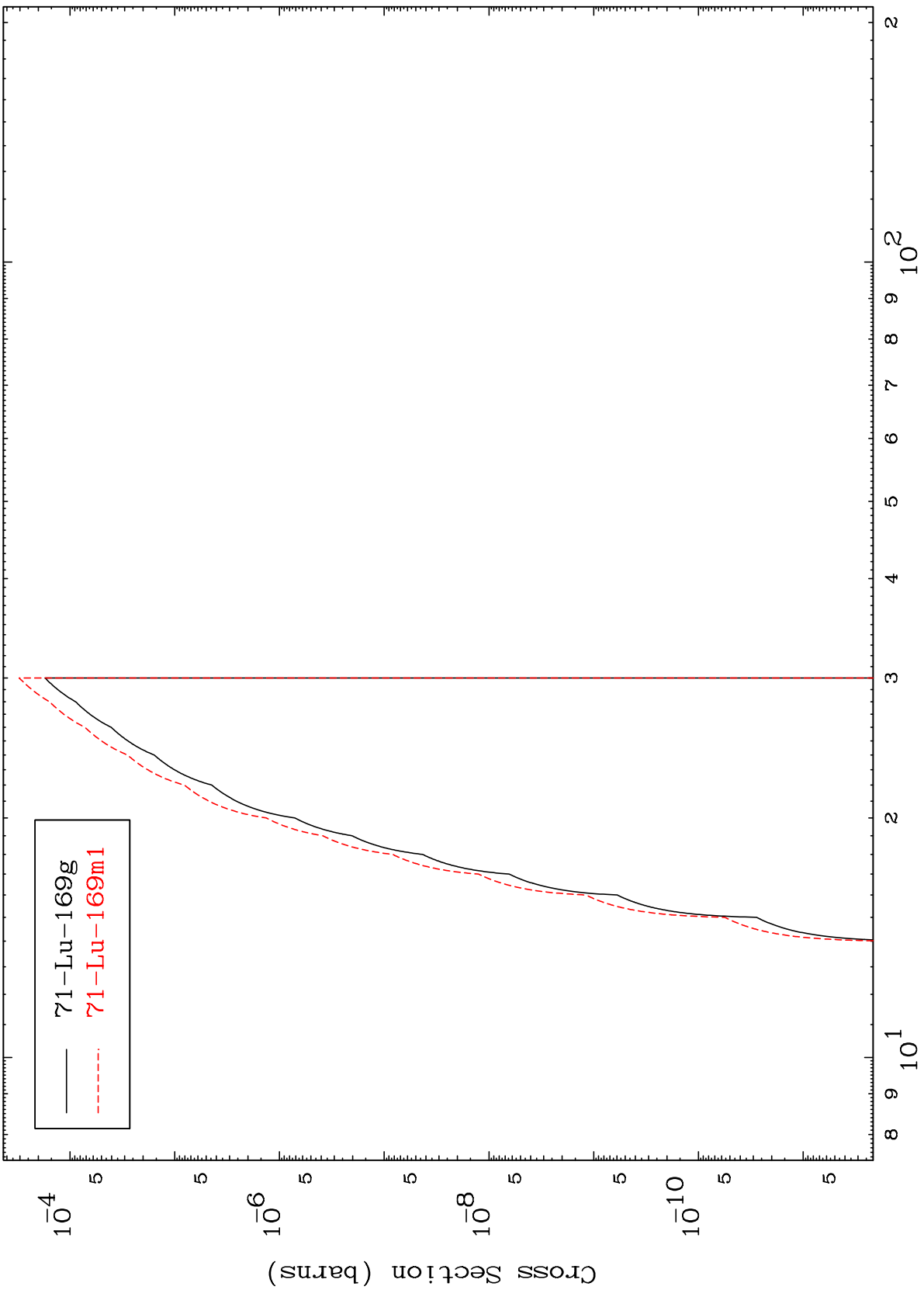
72-Hf-170

MAT 7213

(n,2n) p

72-Hf-170

Radionuclide Production Cross Section



71-Lu-169g
71-Lu-169m1

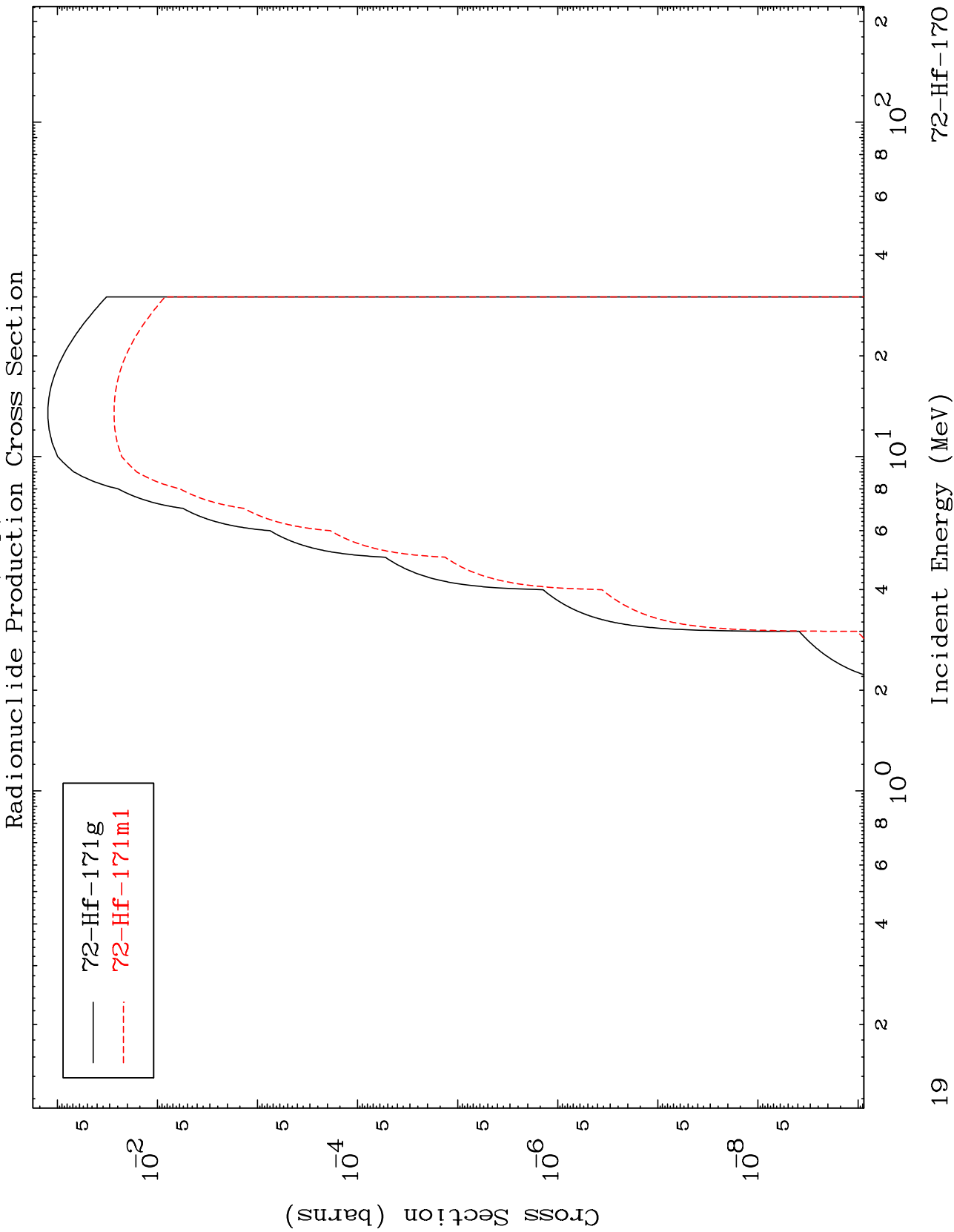
18

Incident Energy (MeV)

72-Hf-170

MAT 7213

72-Hf-170



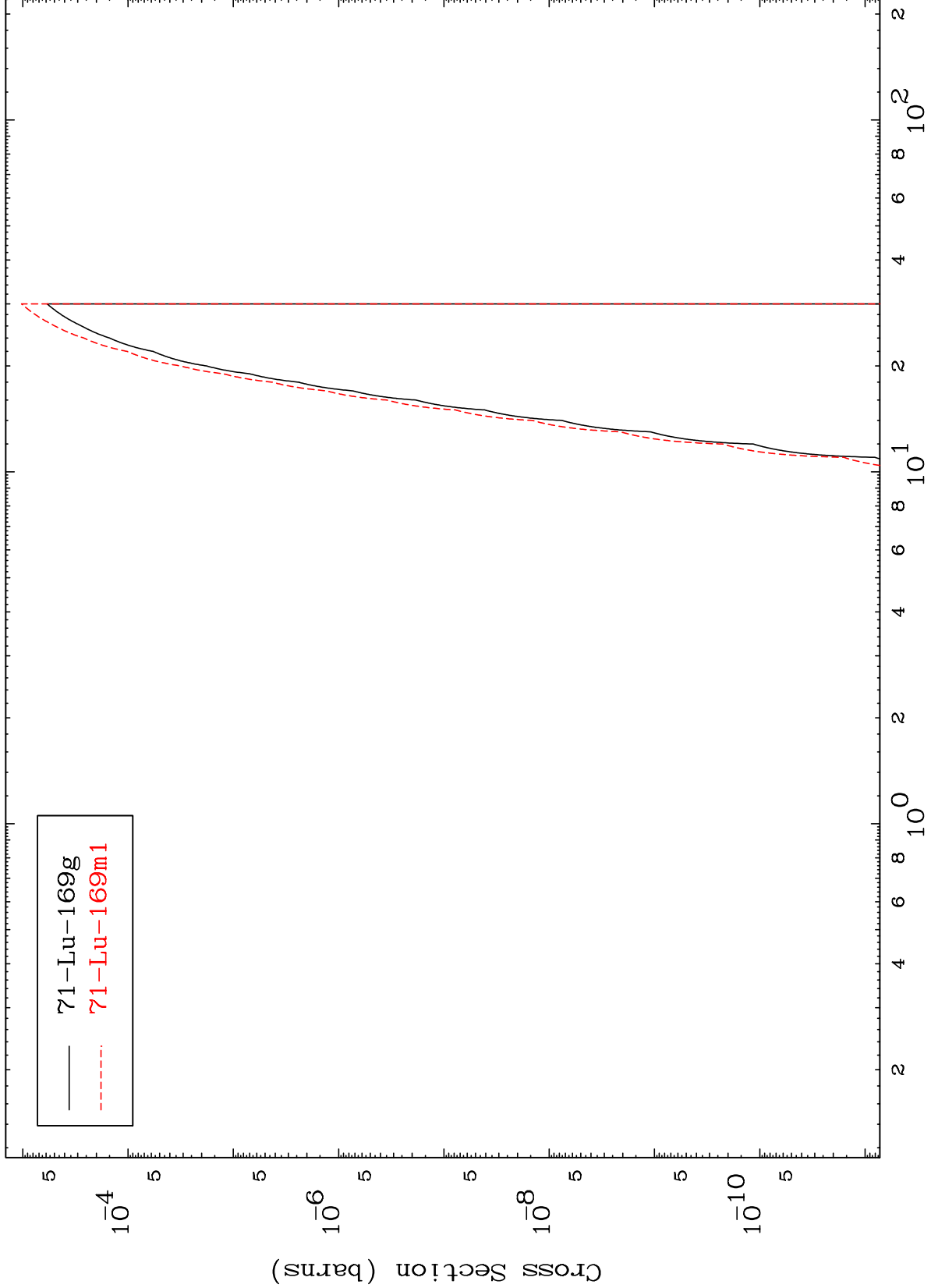
— 72-Hf-171g
- - - 72-Hf-171m1

MAT 7213

(n,He-3)

72-Hf-170

Radionuclide Production Cross Section



— 71-Lu-169g
- - - 71-Lu-169m1

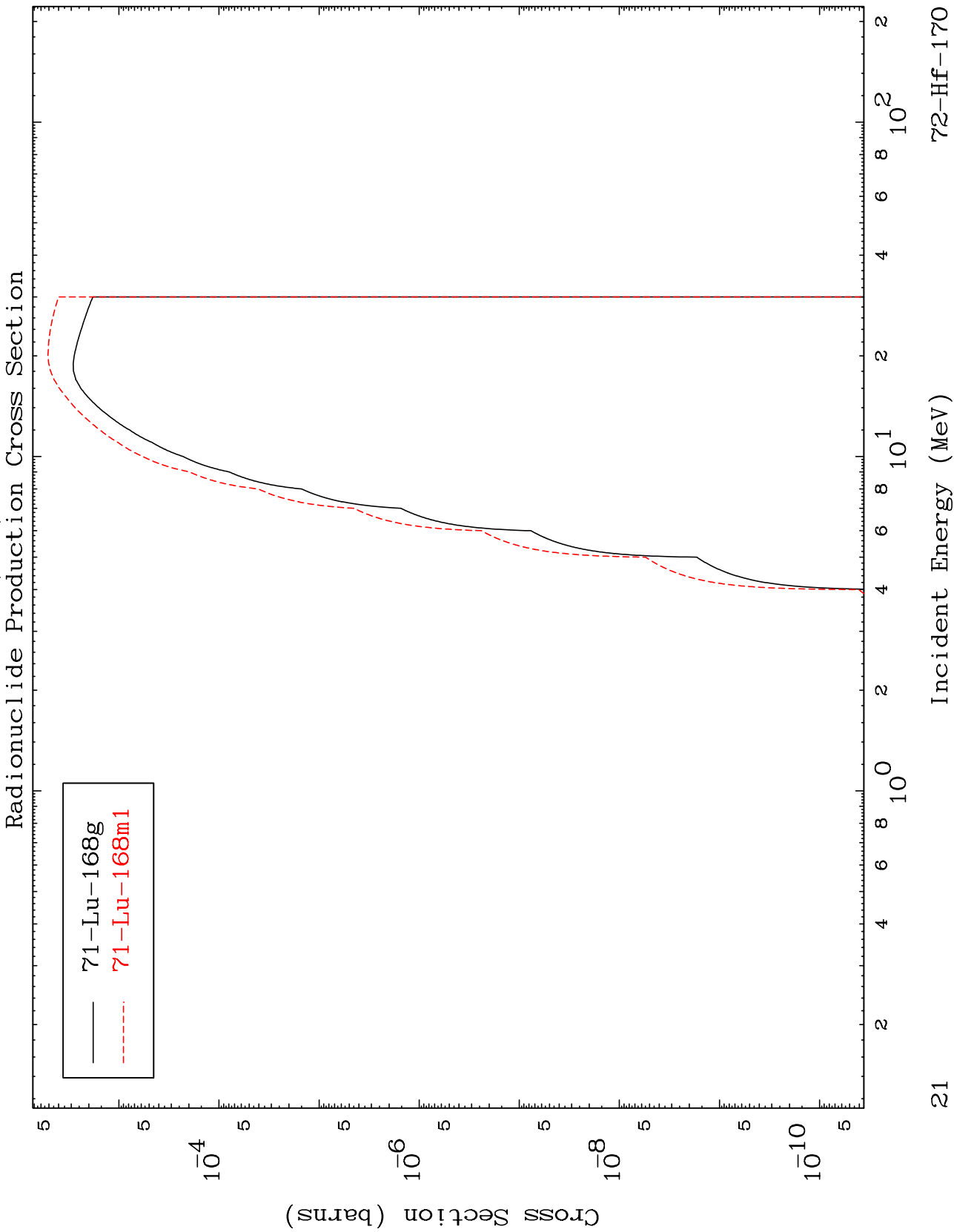
20

Incident Energy (MeV)

72-Hf-170

MAT 7213

72-Hf-170

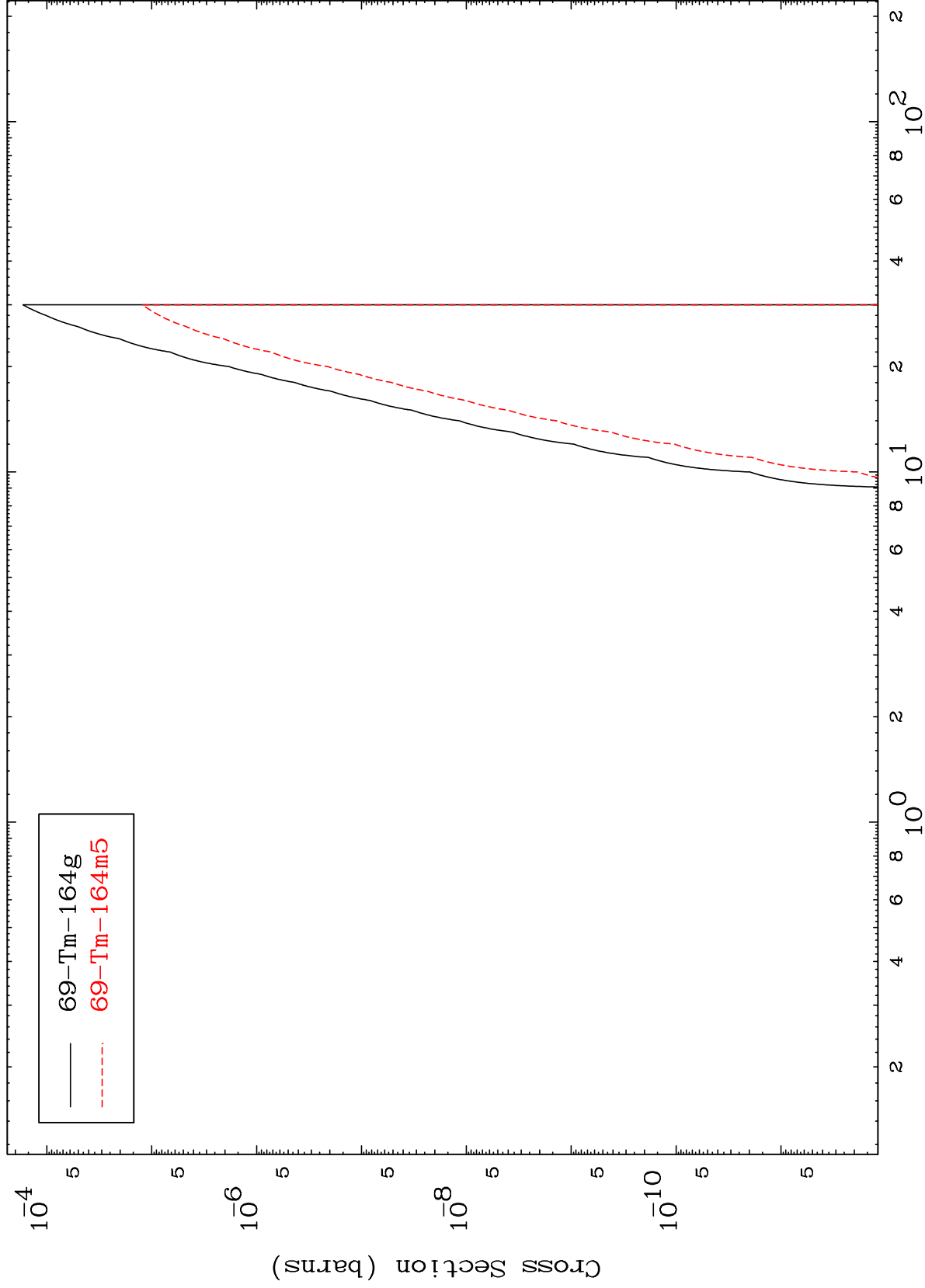


MAT 7213

(n,2α)

72-Hf-170

Radionuclide Production Cross Section

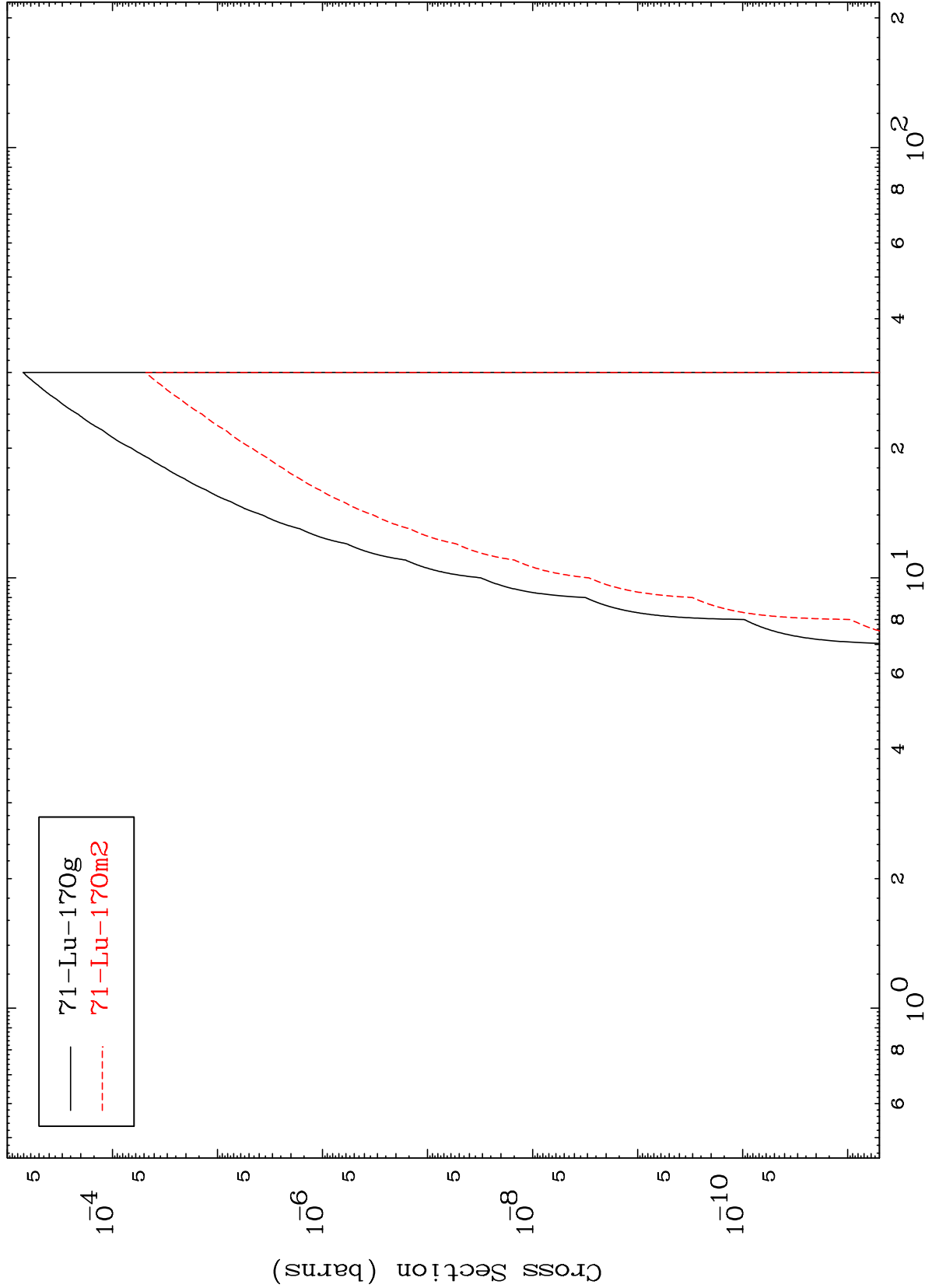


MAT 7213

(n,2p)

72-Hf-170

Radionuclide Production Cross Section

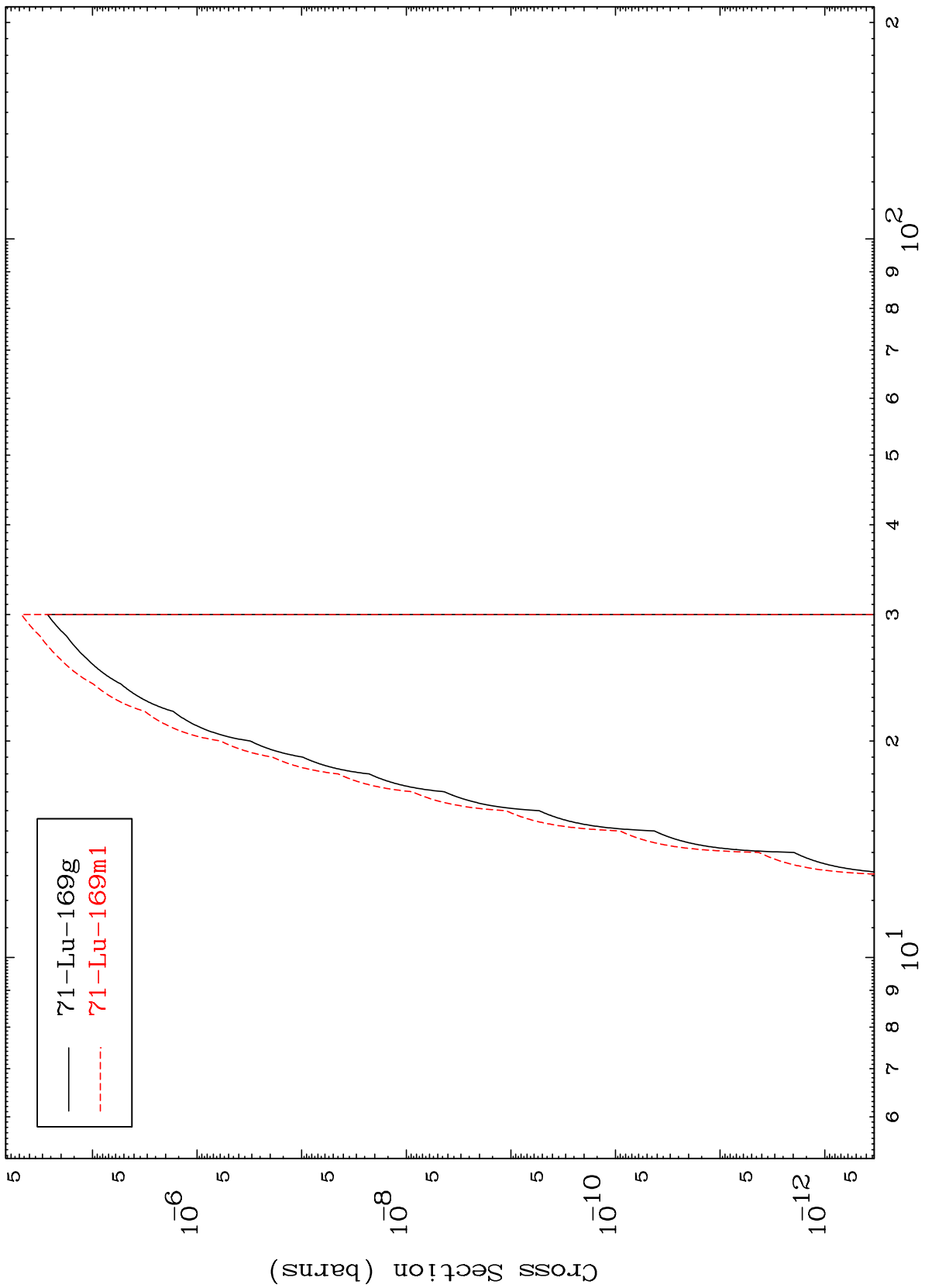


MAT 7213

(n,p) d

72-Hf-170

Radionuclide Production Cross Section



24

Incident Energy (MeV)

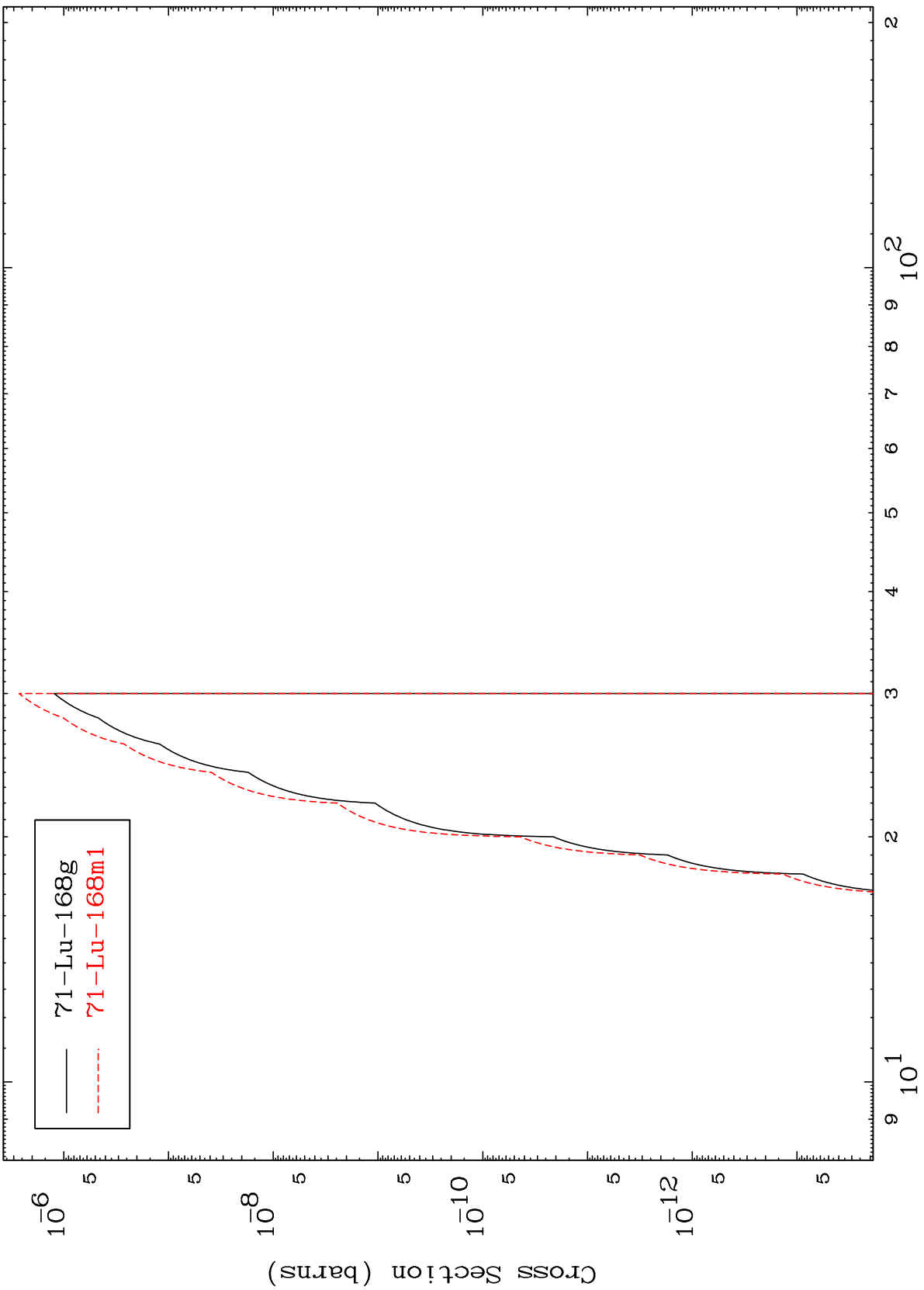
72-Hf-170

MAT 7213

(n,p) t

72-Hf-170

Radionuclide Production Cross Section



71-Lu-168g
71-Lu-168m1

25

Incident Energy (MeV)

72-Hf-170