

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

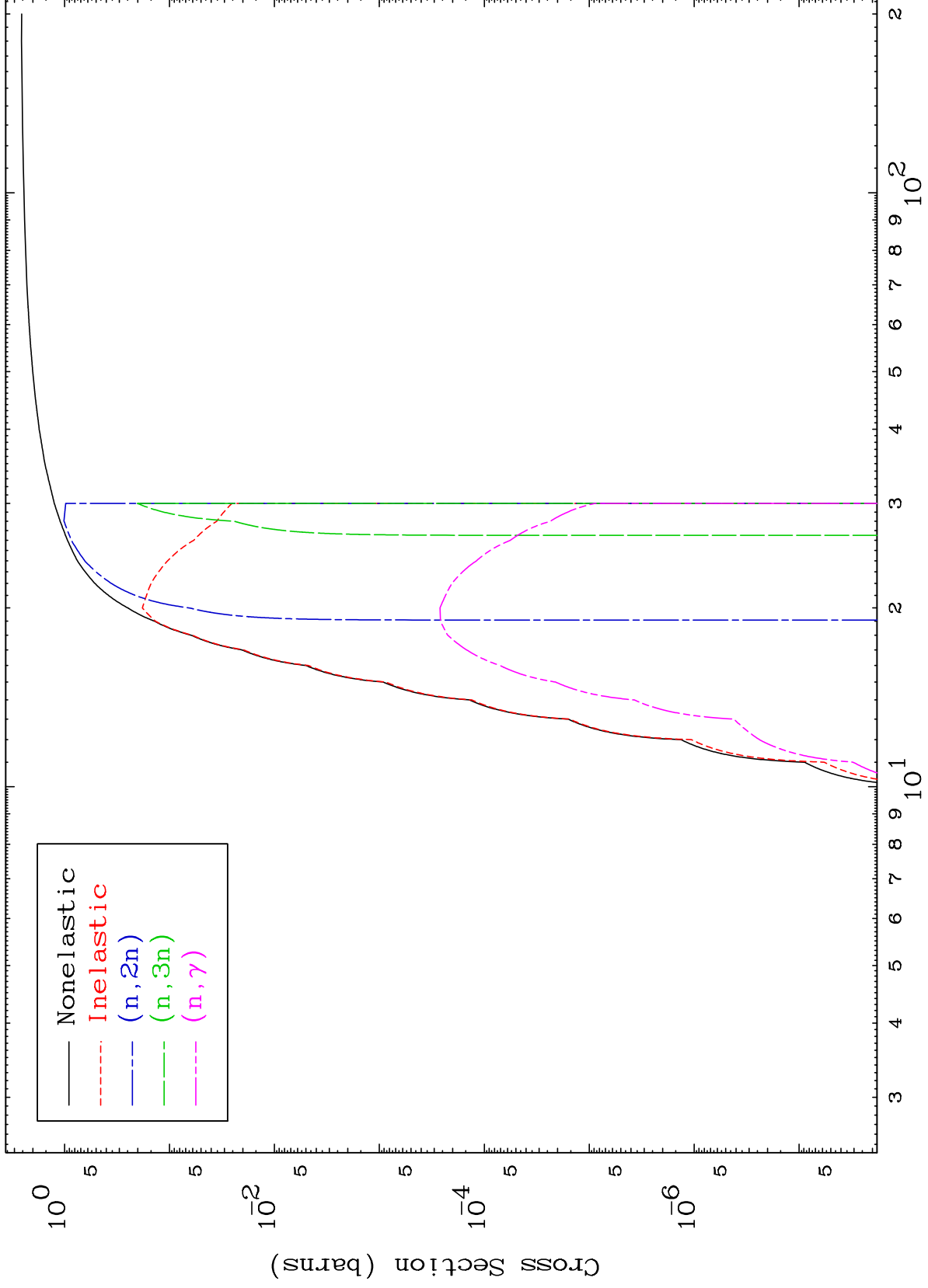
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Web:redcullen1.net/HOMEPAGE.NEW

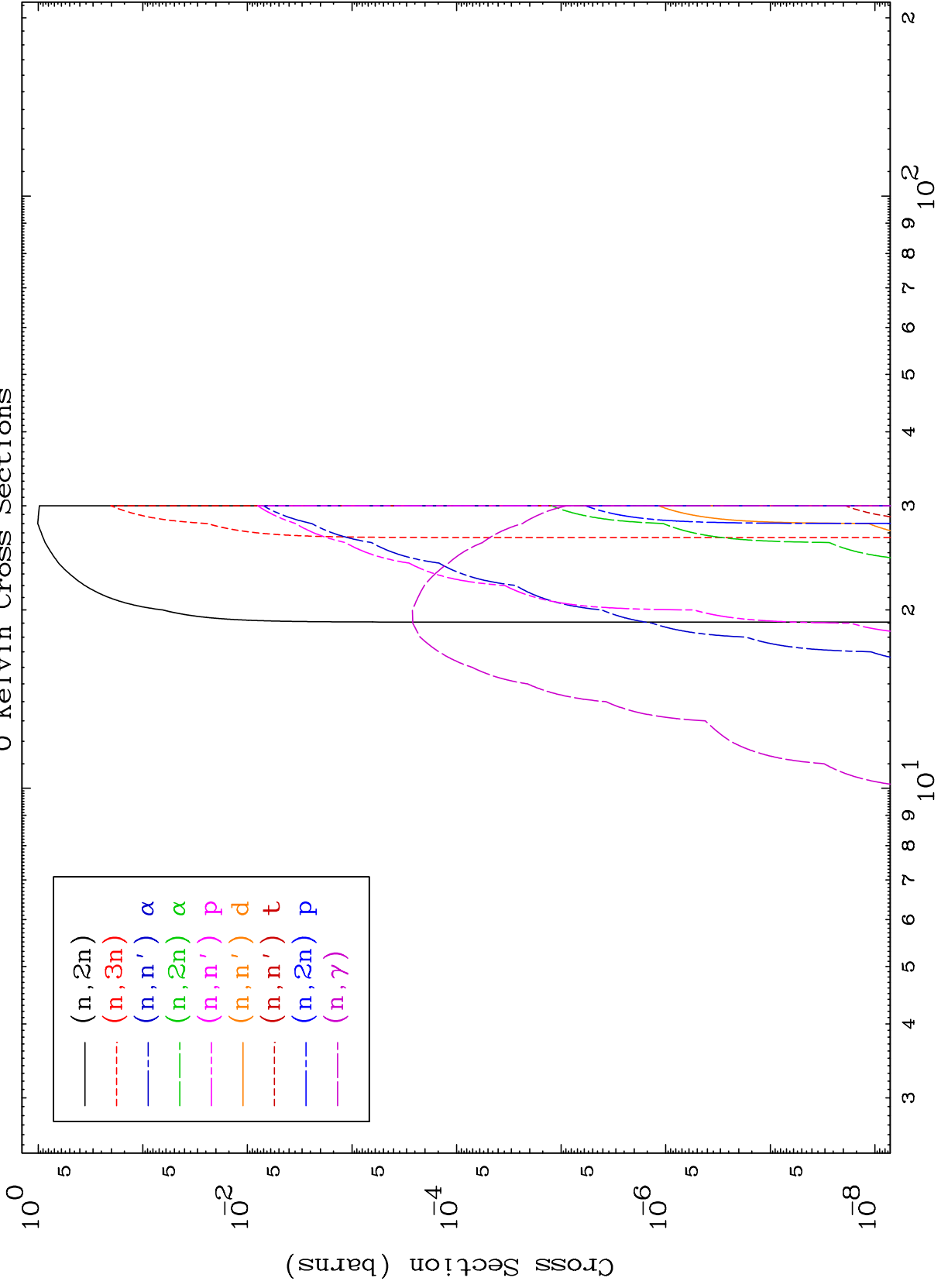
Press Mouse Button to Start



MAT 7029

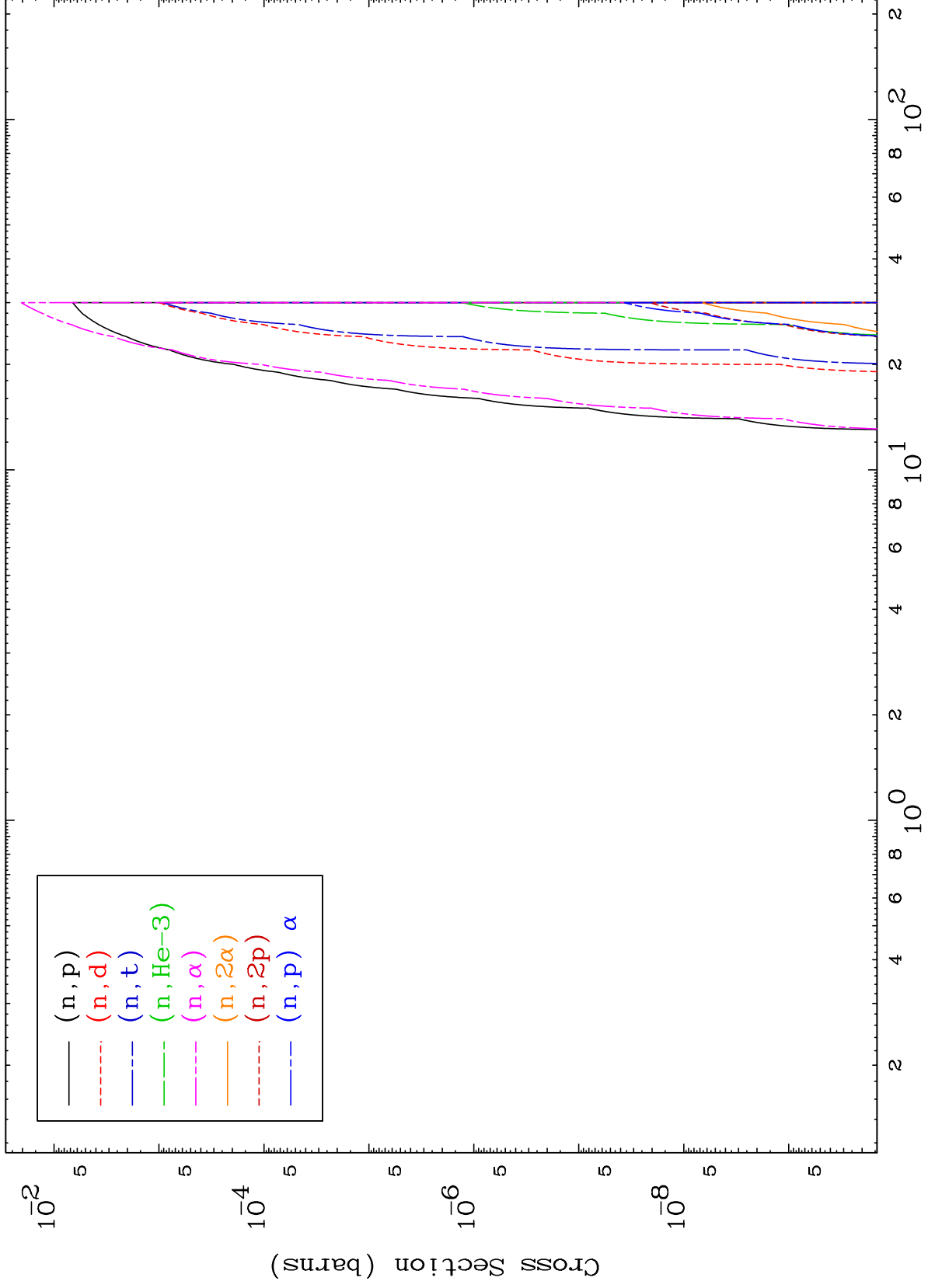
α Neutron Absorption
0 Kelvin Cross Sections

70-Yb-169m



Incident Energy (MeV)

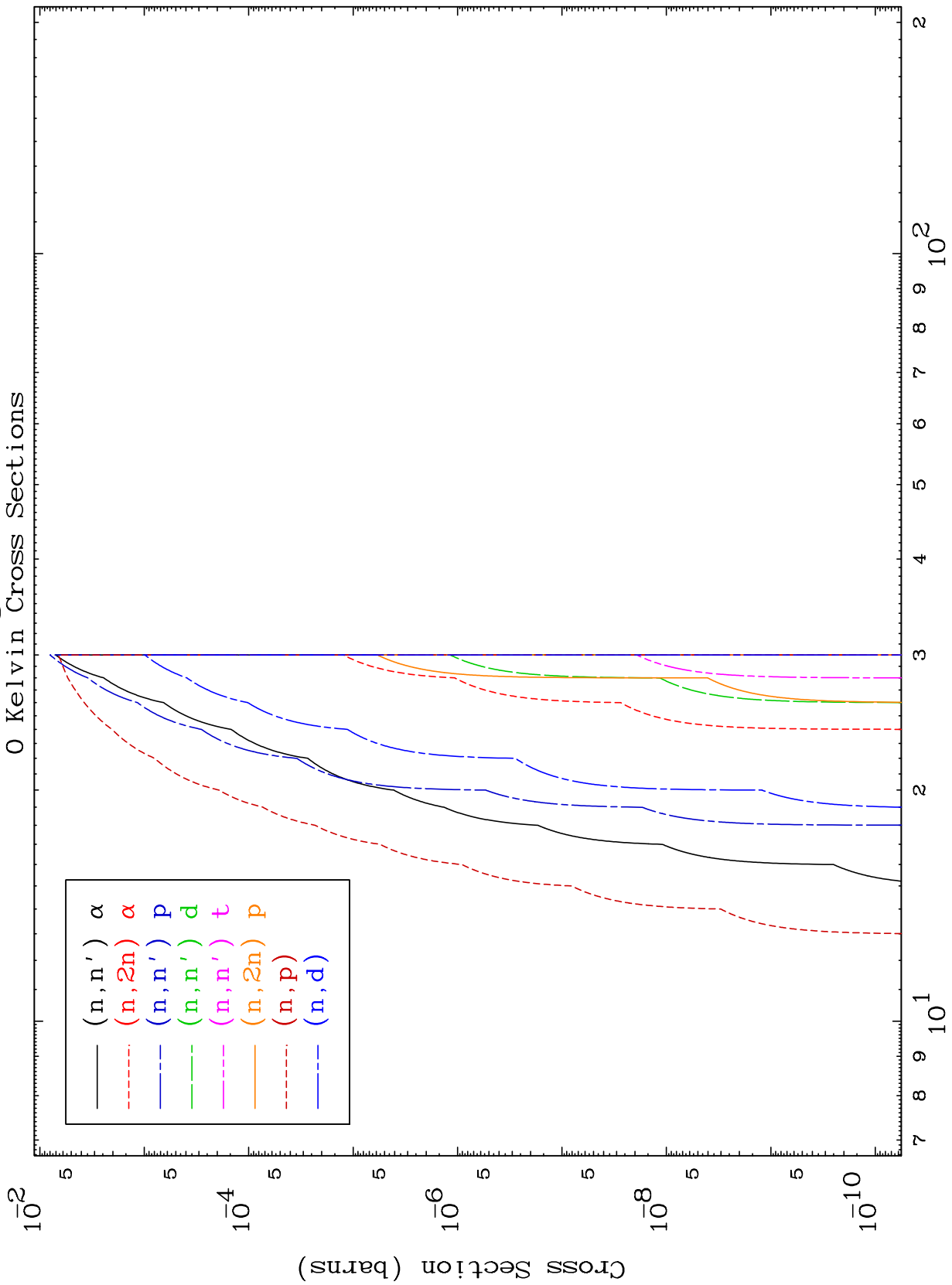
70-Yb-169m



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α Charged Particle
0 Kelvin Cross Sections

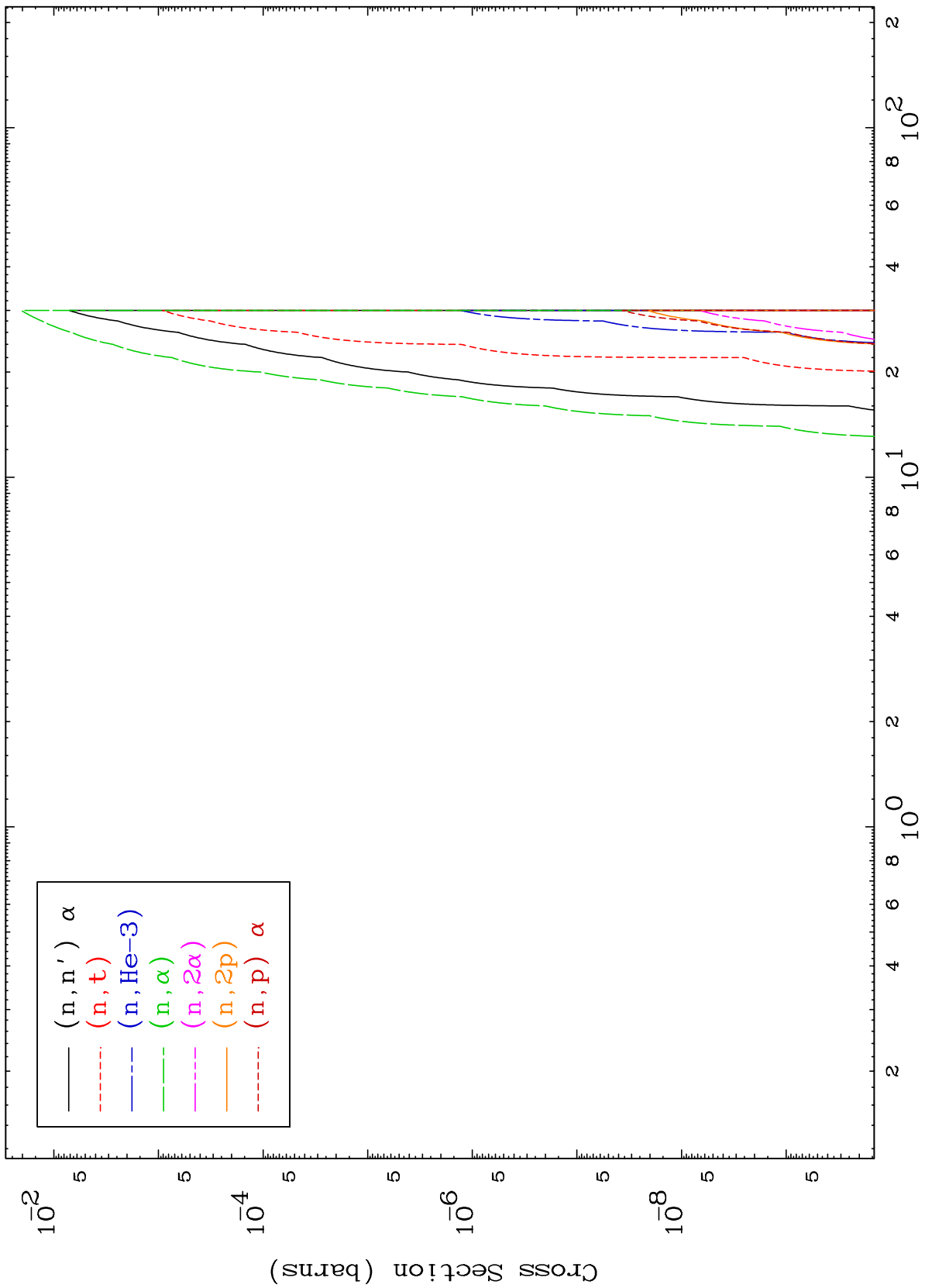
70-Yb-169m



4

Incident Energy (MeV)

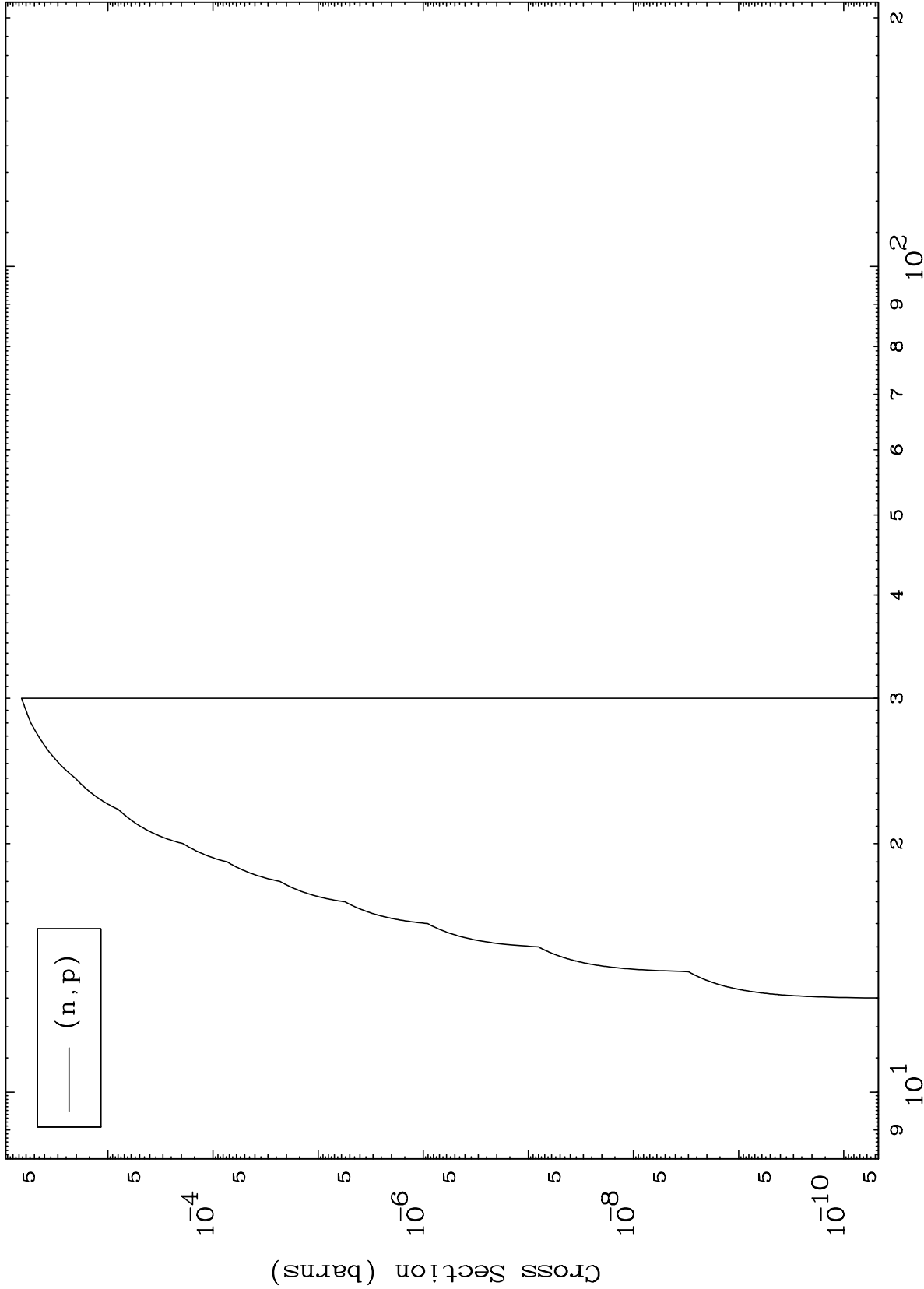
70-Yb-169m



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(α, p) Levels
0 Kelvin Cross Sections

70-Yb-169m



Incident Energy (MeV)

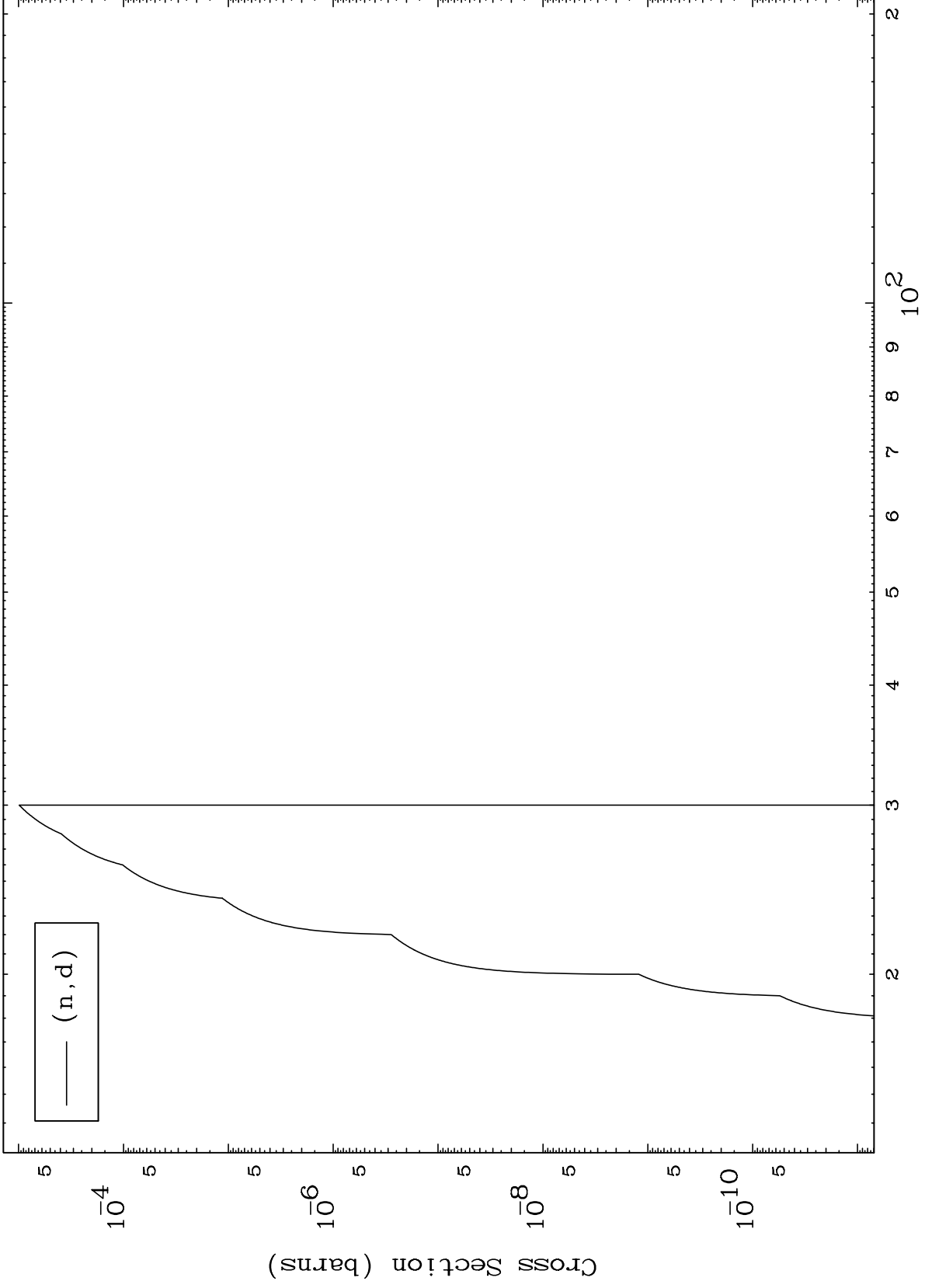
70-Yb-169m

6

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(α, d) Levels
0 Kelvin Cross Sections

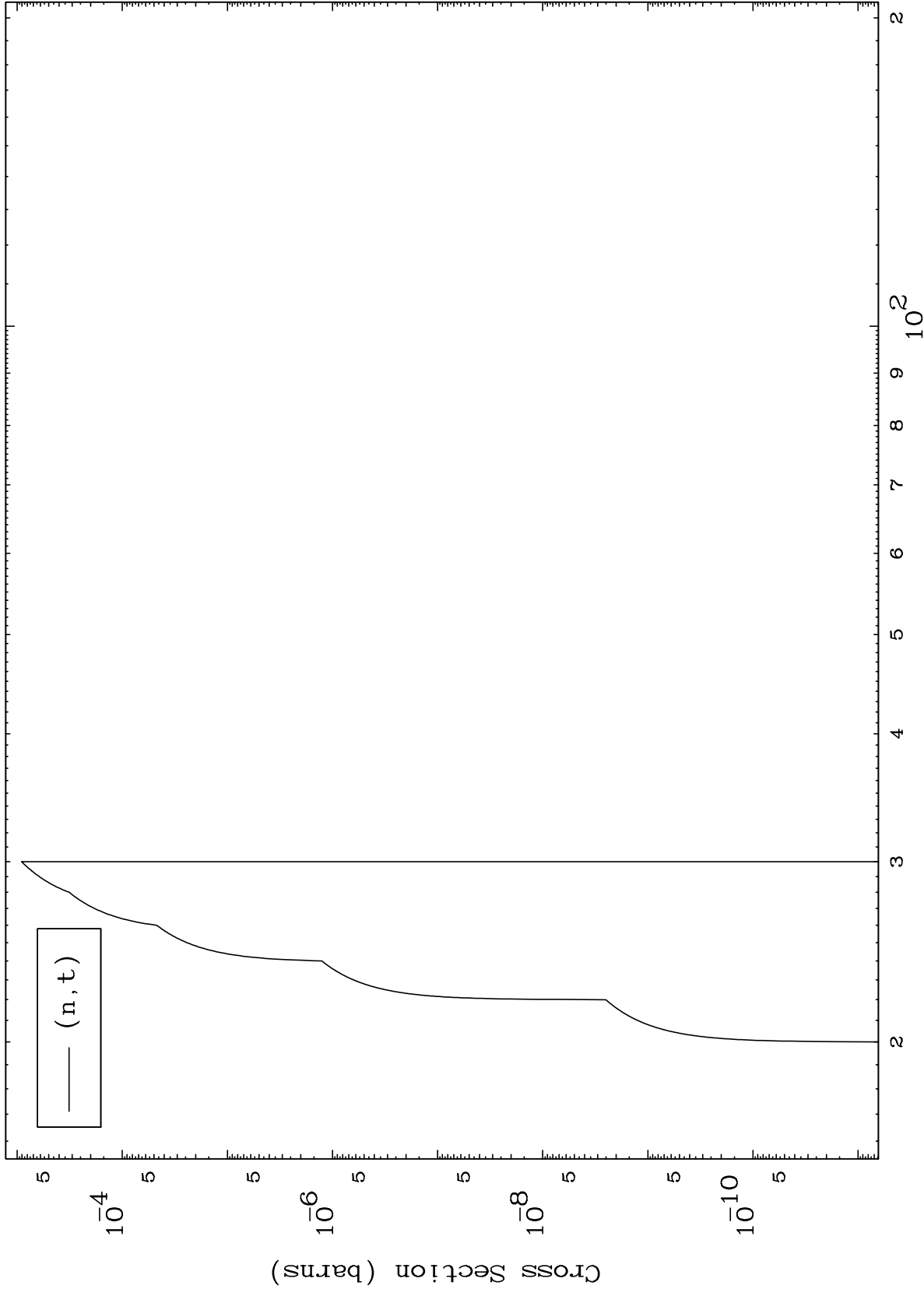
70-Yb-169m



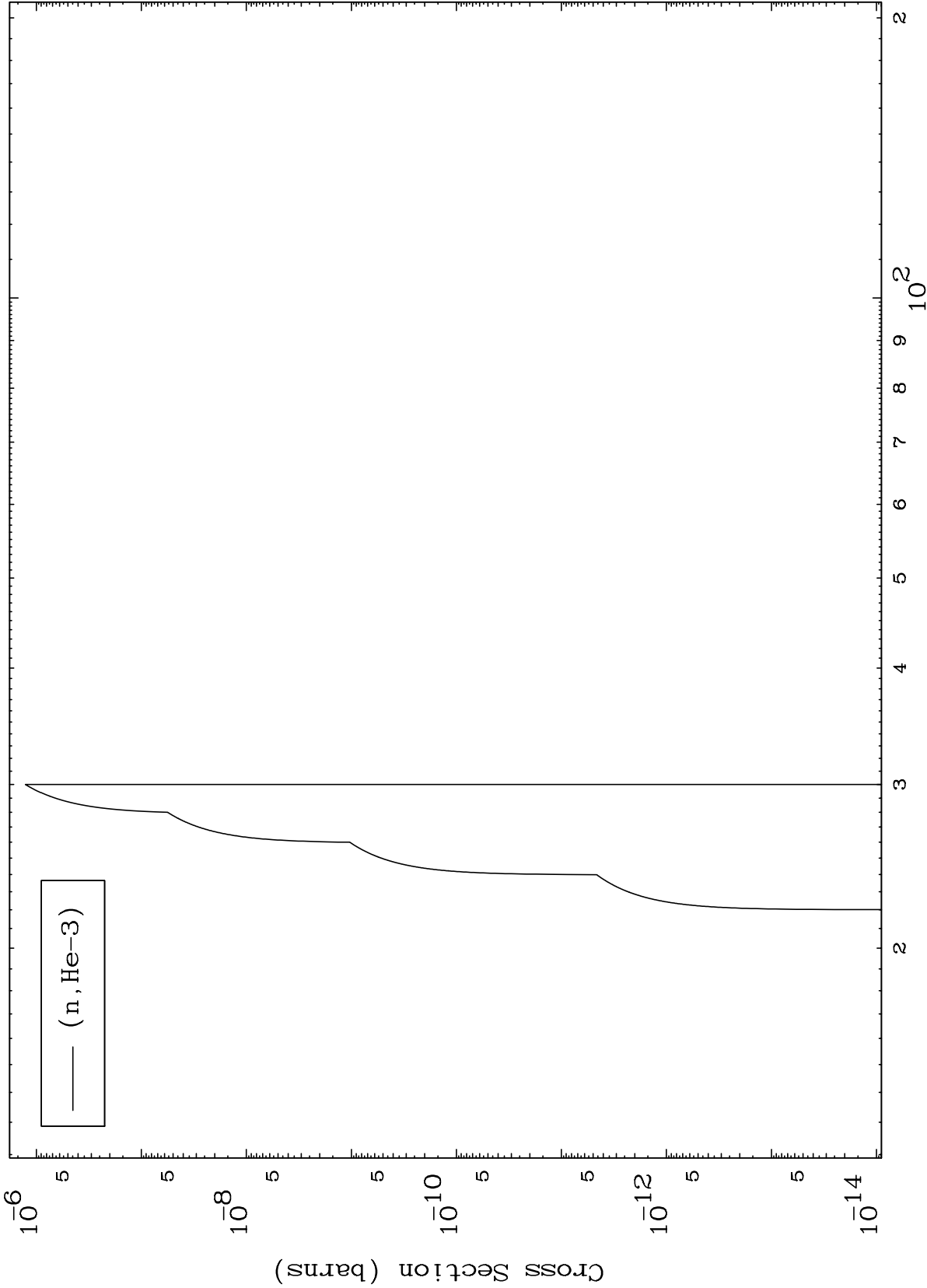
7

Incident Energy (MeV)

70-Yb-169m



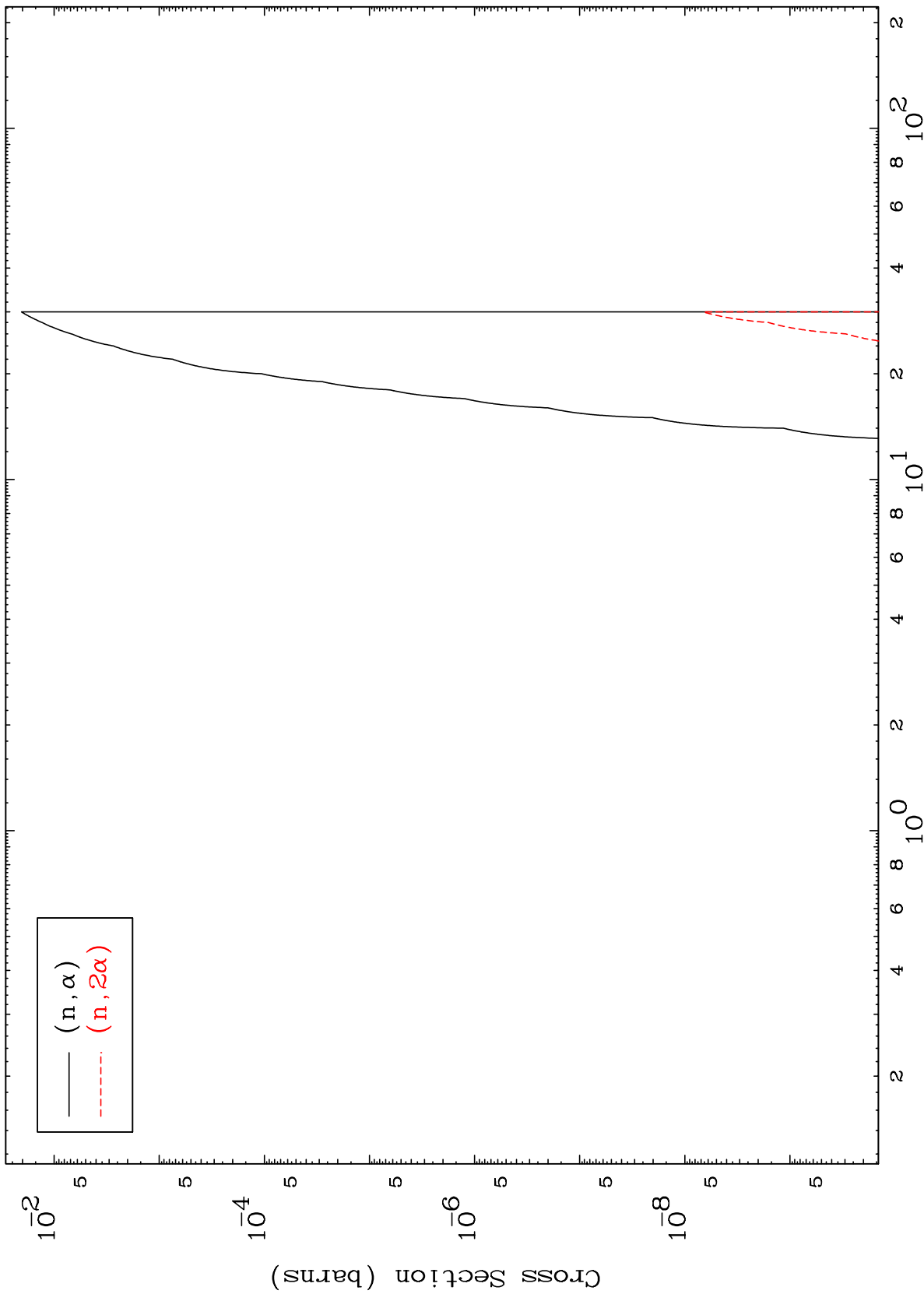
0 Kelvin Cross Sections



MAT 7029

(α, α) Levels
0 Kelvin Cross Sections

70-Yb-169m



10

Incident Energy (MeV)

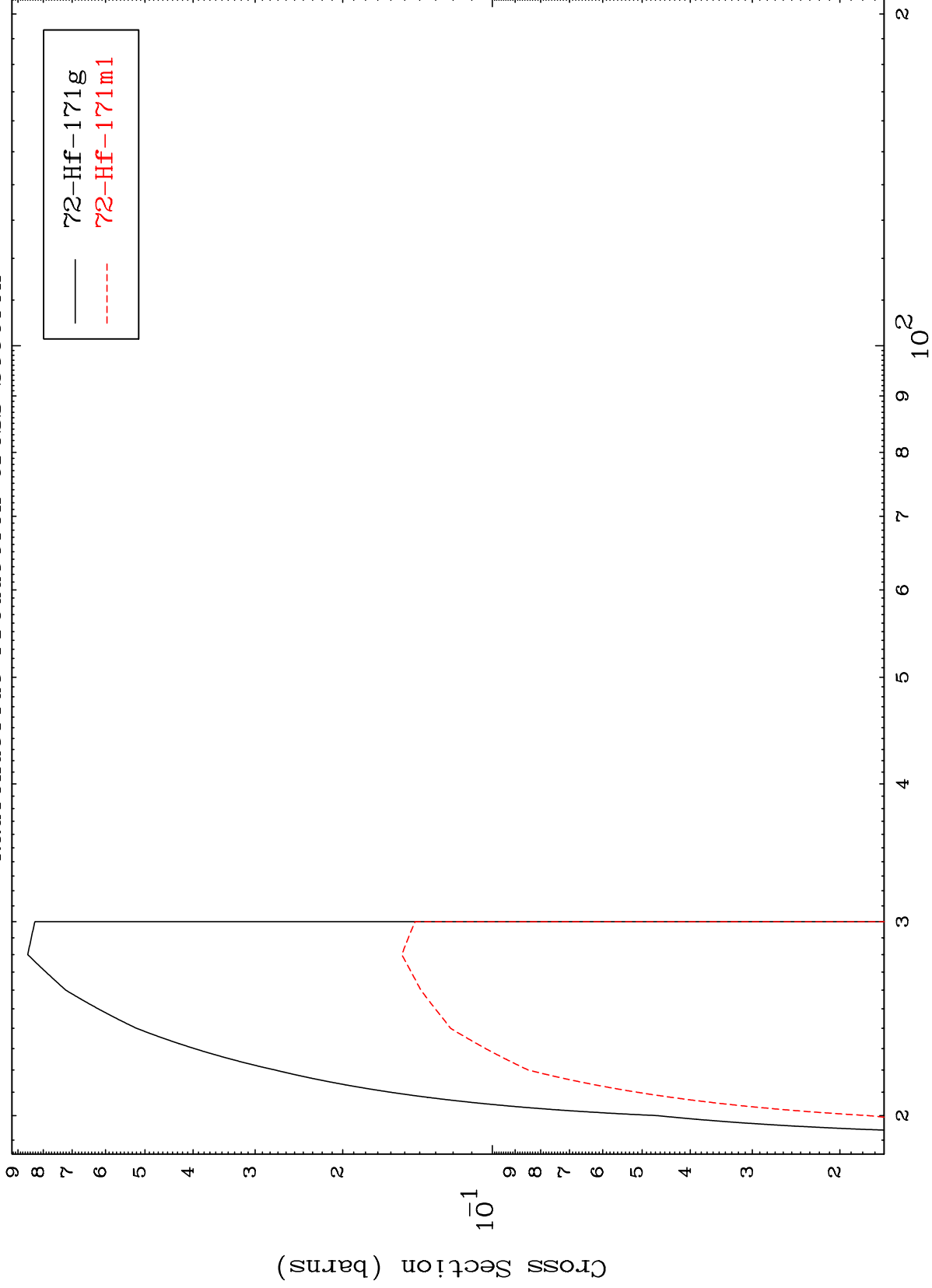
70-Yb-169m

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(n,2n)

70-Yb-169m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

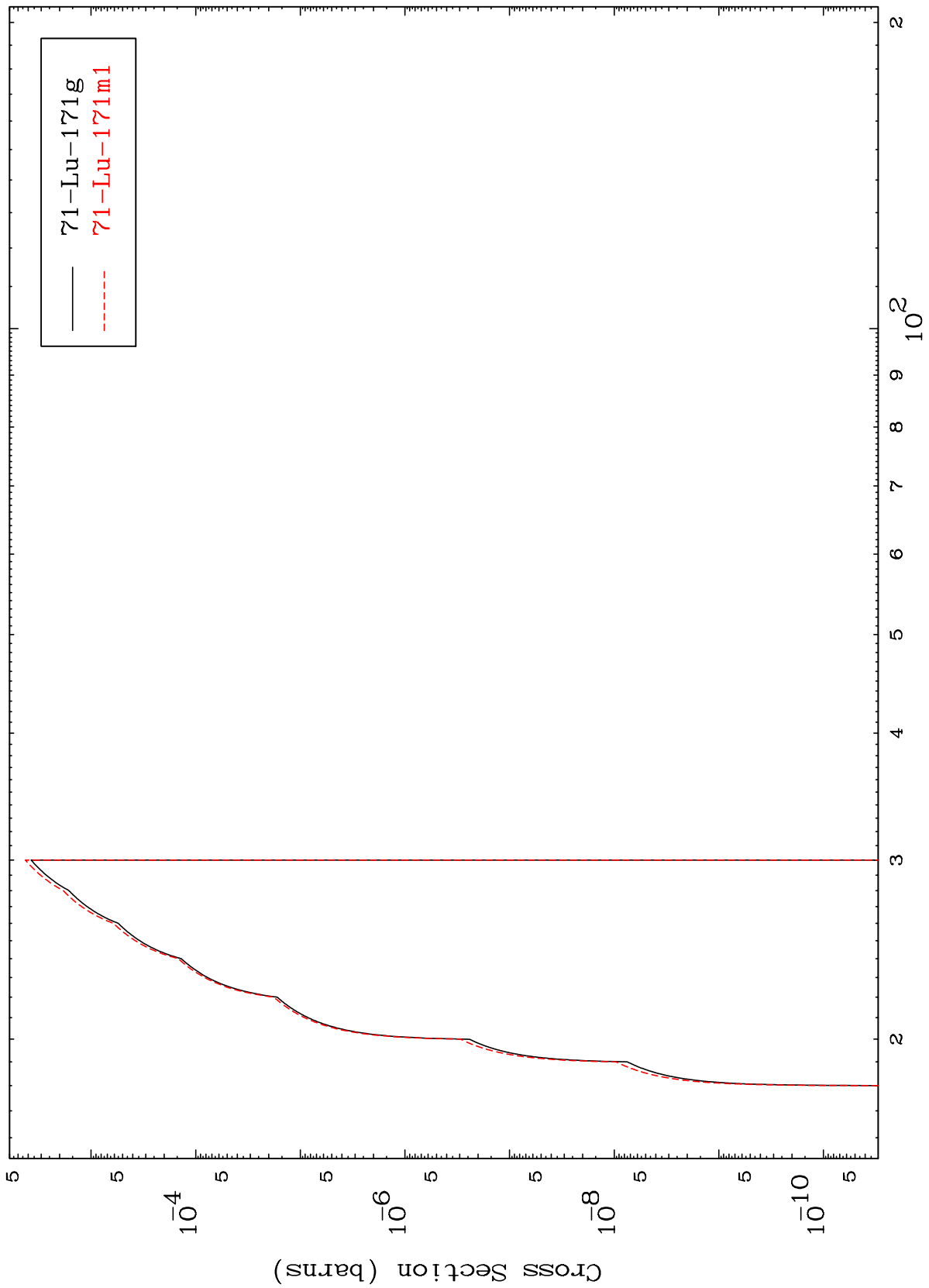
70-Yb-169m

MAT 7029

(n,n') p

70-Yb-169m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

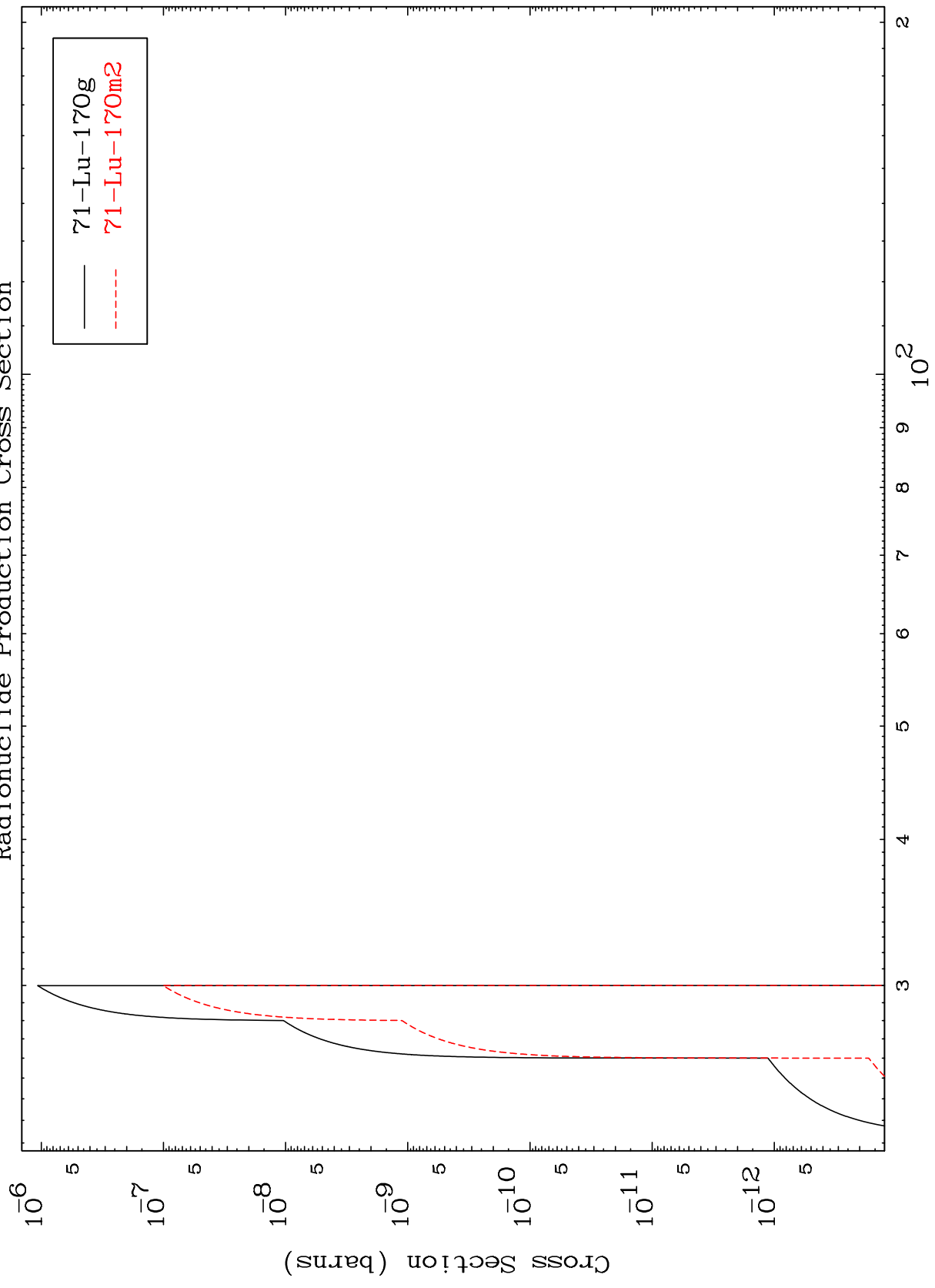
70-Yb-169m

MAT 7029

(n,n') d

70-Yb-169m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

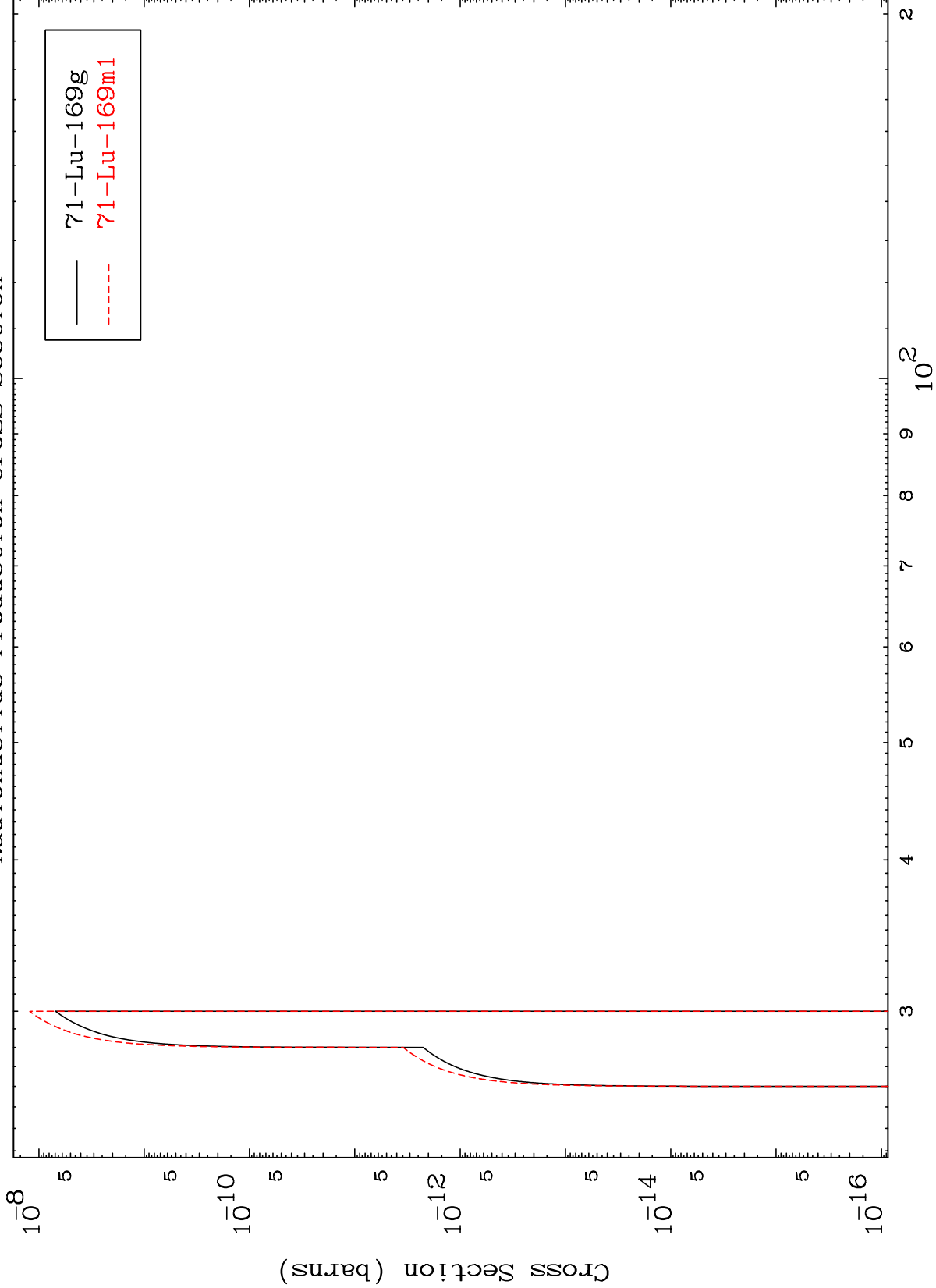
70-Yb-169m

MAT 7029

(n,n') t

70-Yb-169m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

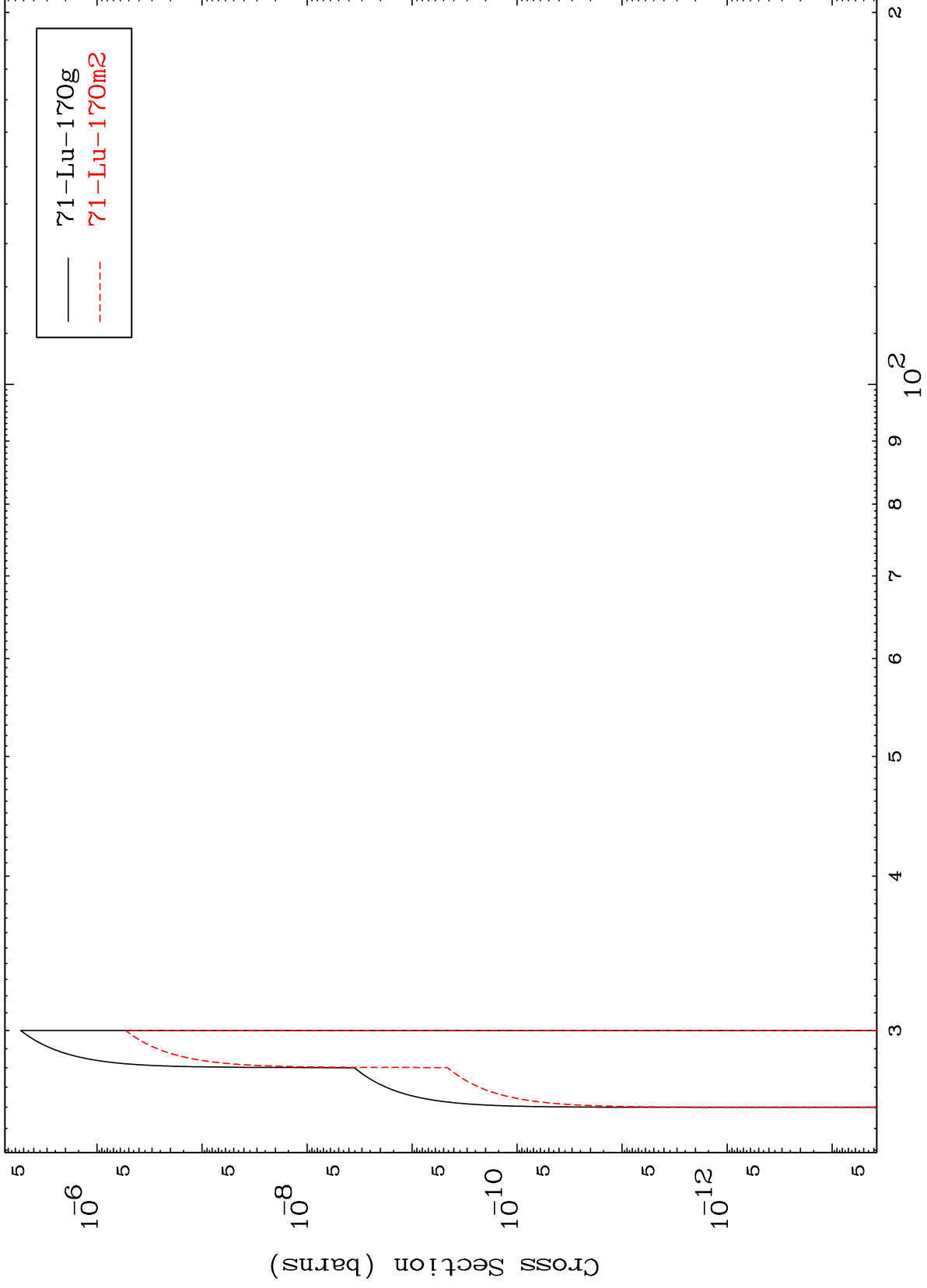
70-Yb-169m

MAT 7029

(n,2n) p

70-Yb-169m

Radionuclide Production Cross Section



15

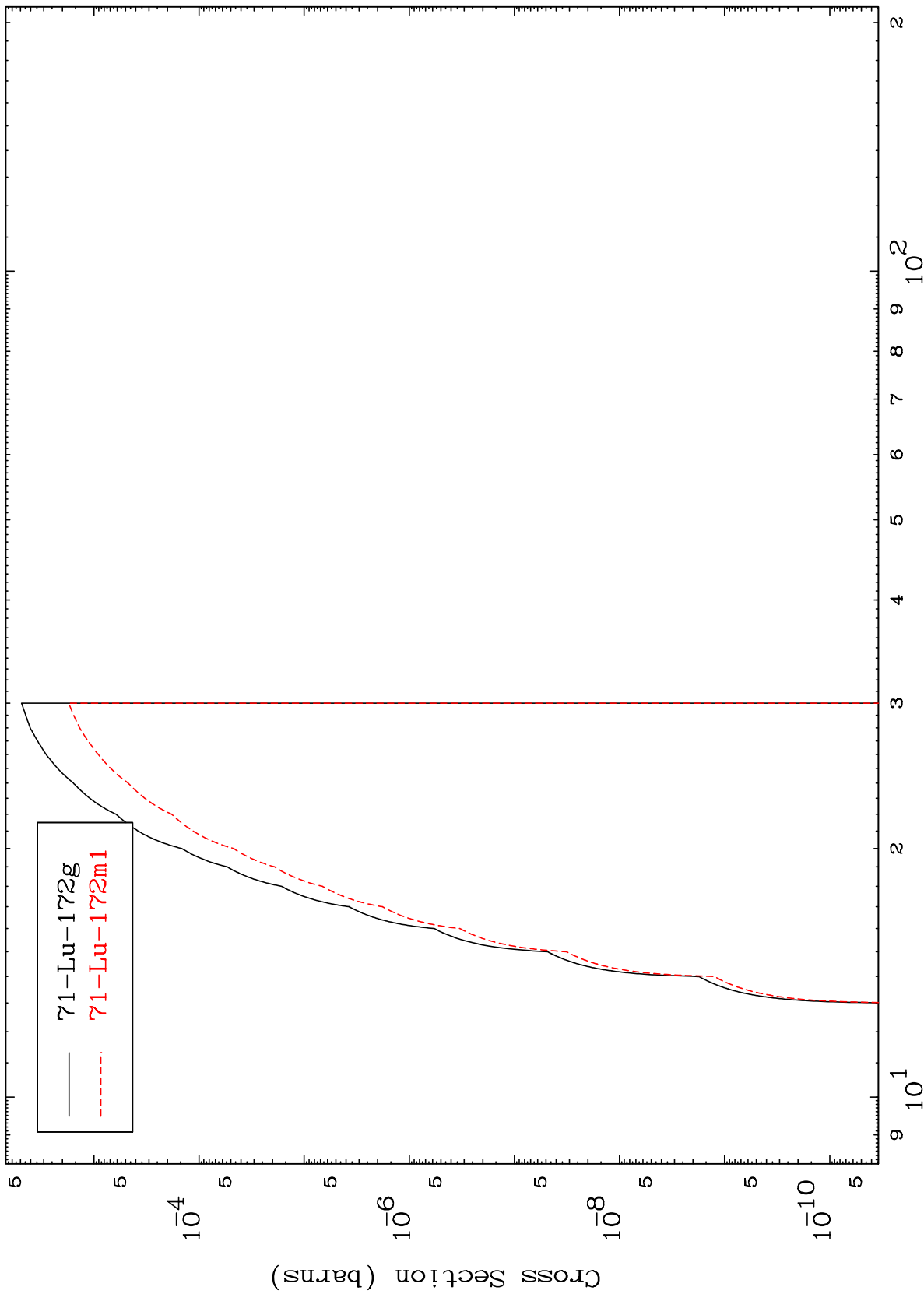
Incident Energy (MeV)

70-Yb-169m

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70-Yb-169m

Radionuclide Production Cross Section



70-Yb-169m

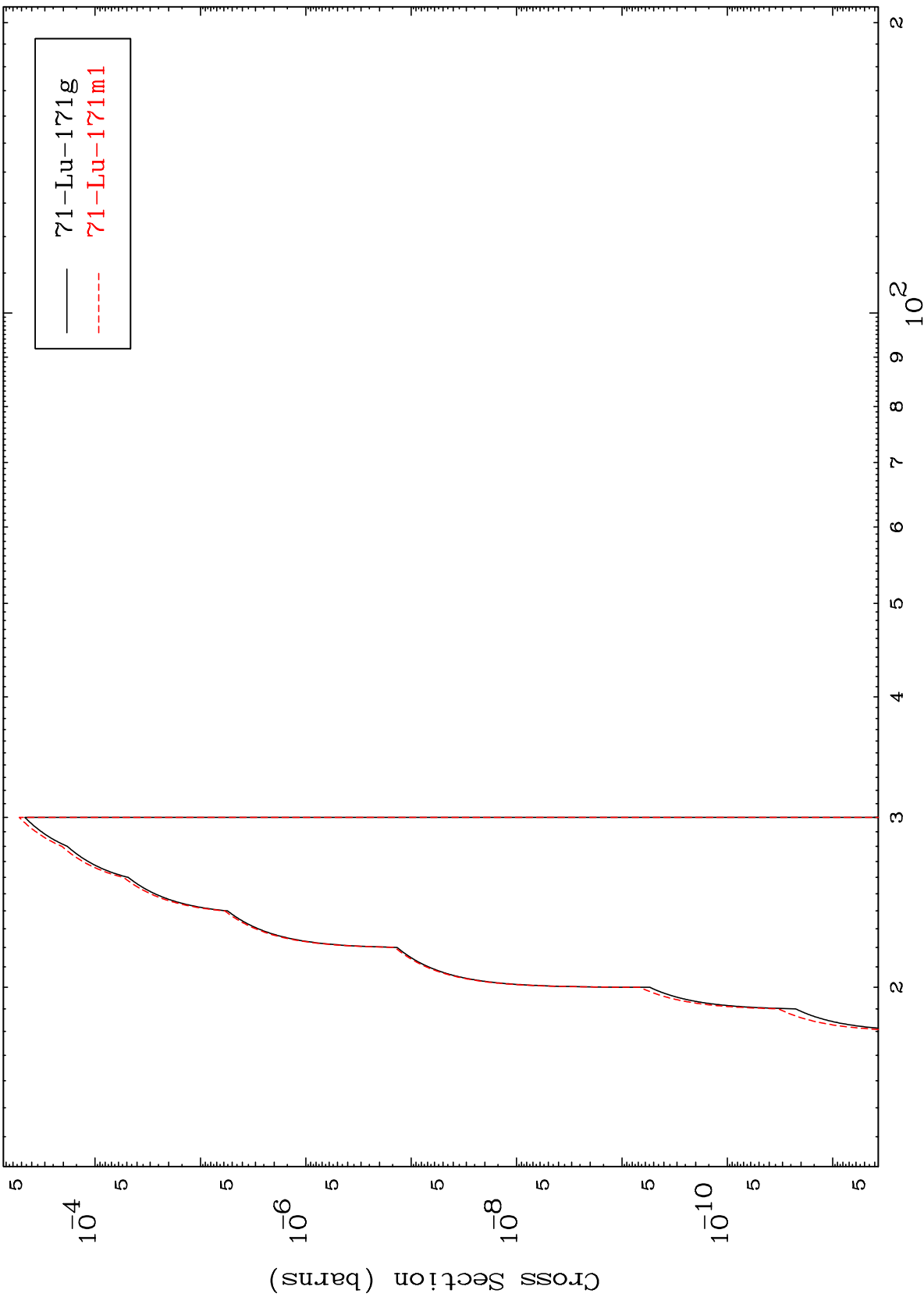
Incident Energy (MeV)

16

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70-Yb-169m

(n,d)
Radionuclide Production Cross Section



17

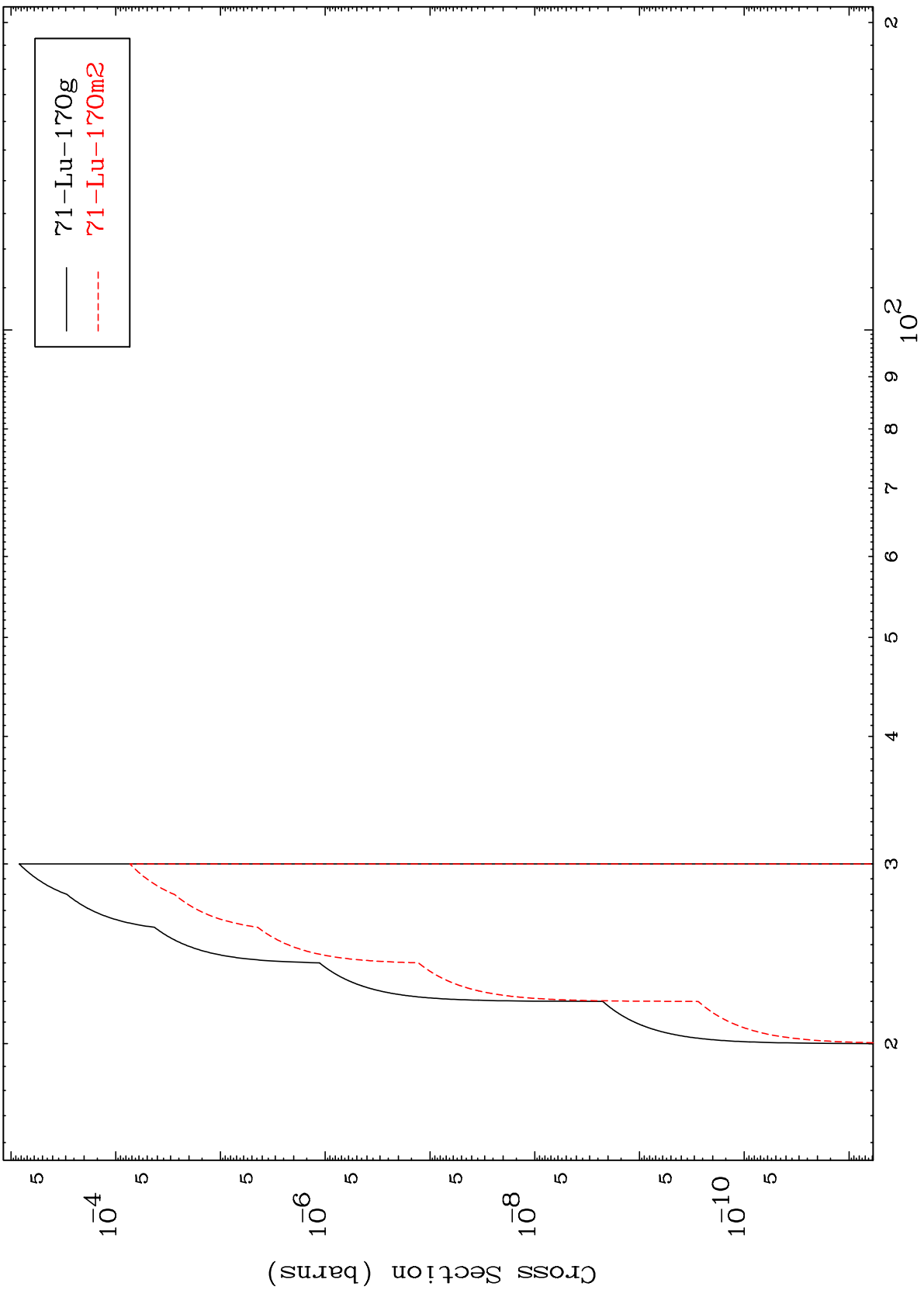
70-Yb-169m

Incident Energy (MeV)

MAT 7029

70-Yb-169m

(n, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

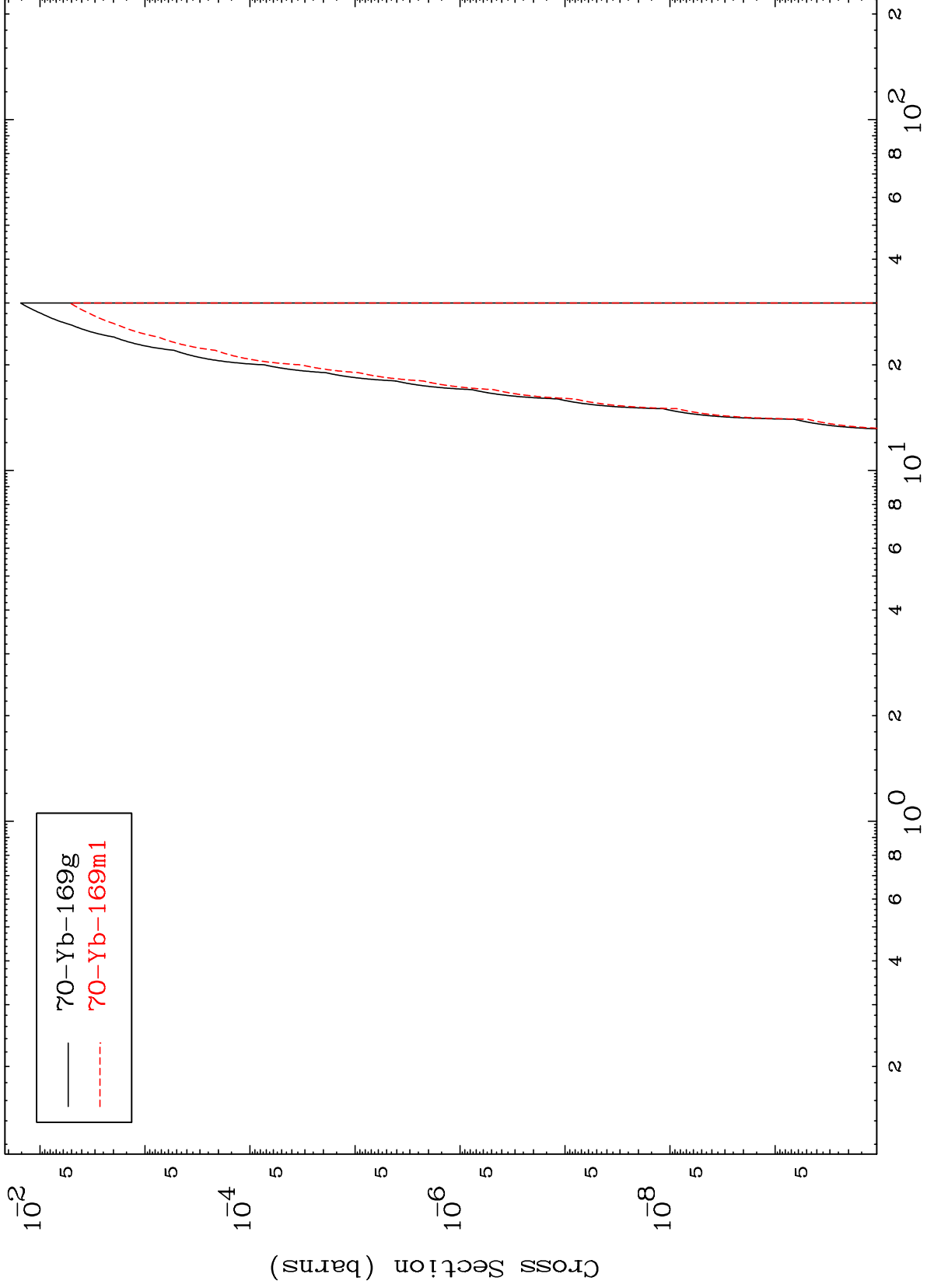
70-Yb-169m

MAT 7029

(n, α)

⁷⁰Yb-169m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁷⁰Yb-169m