

Program EVALPLOT
(Version 2021-1)

by

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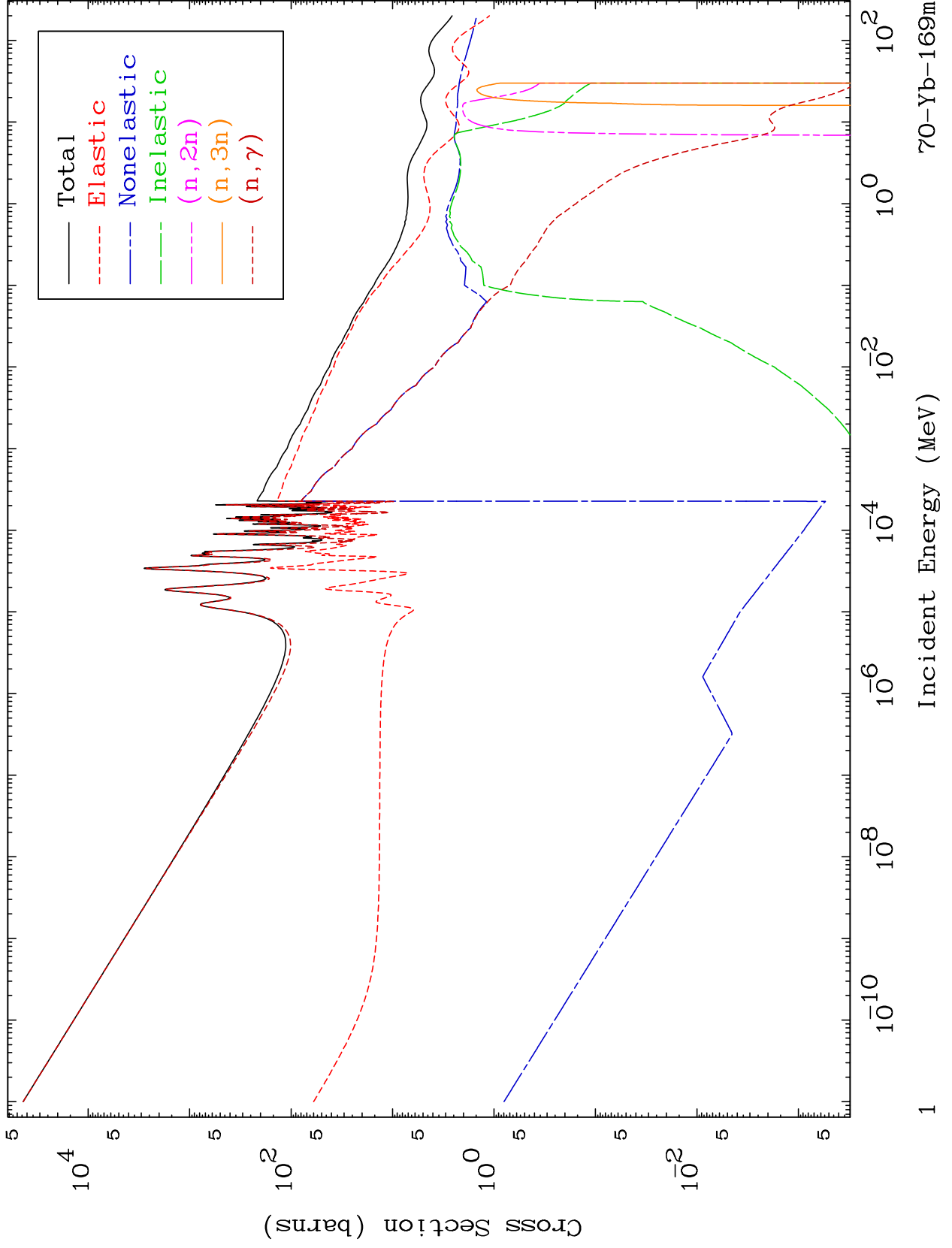
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7029

Neutron Major
293 Kelvin Cross Sections

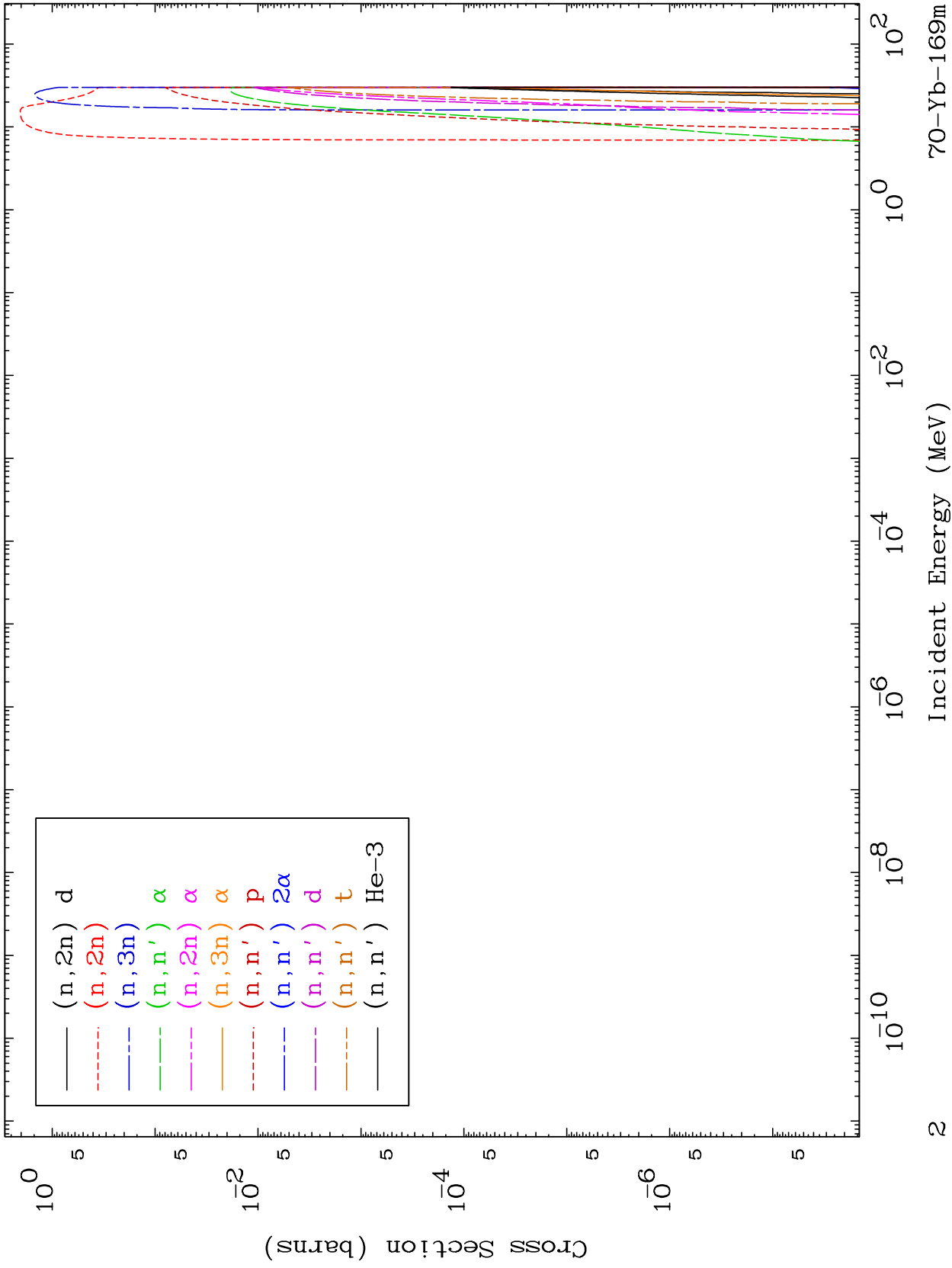
70-Yb-169m



MAT 7029

Neutron Absorption
293 Kelvin Cross Sections

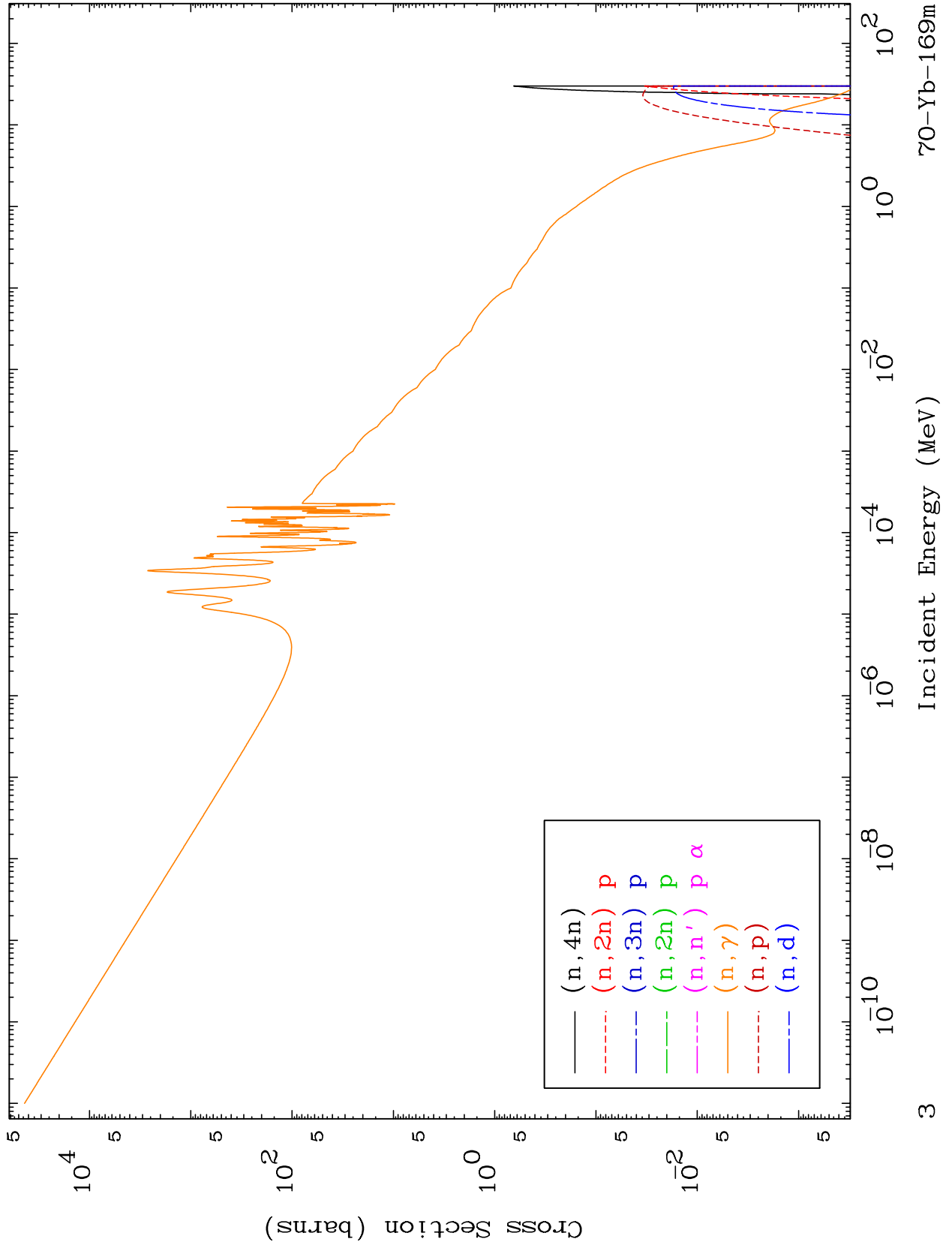
70-Yb-169m



MAT 7029

Neutron Absorption
293 Kelvin Cross Sections

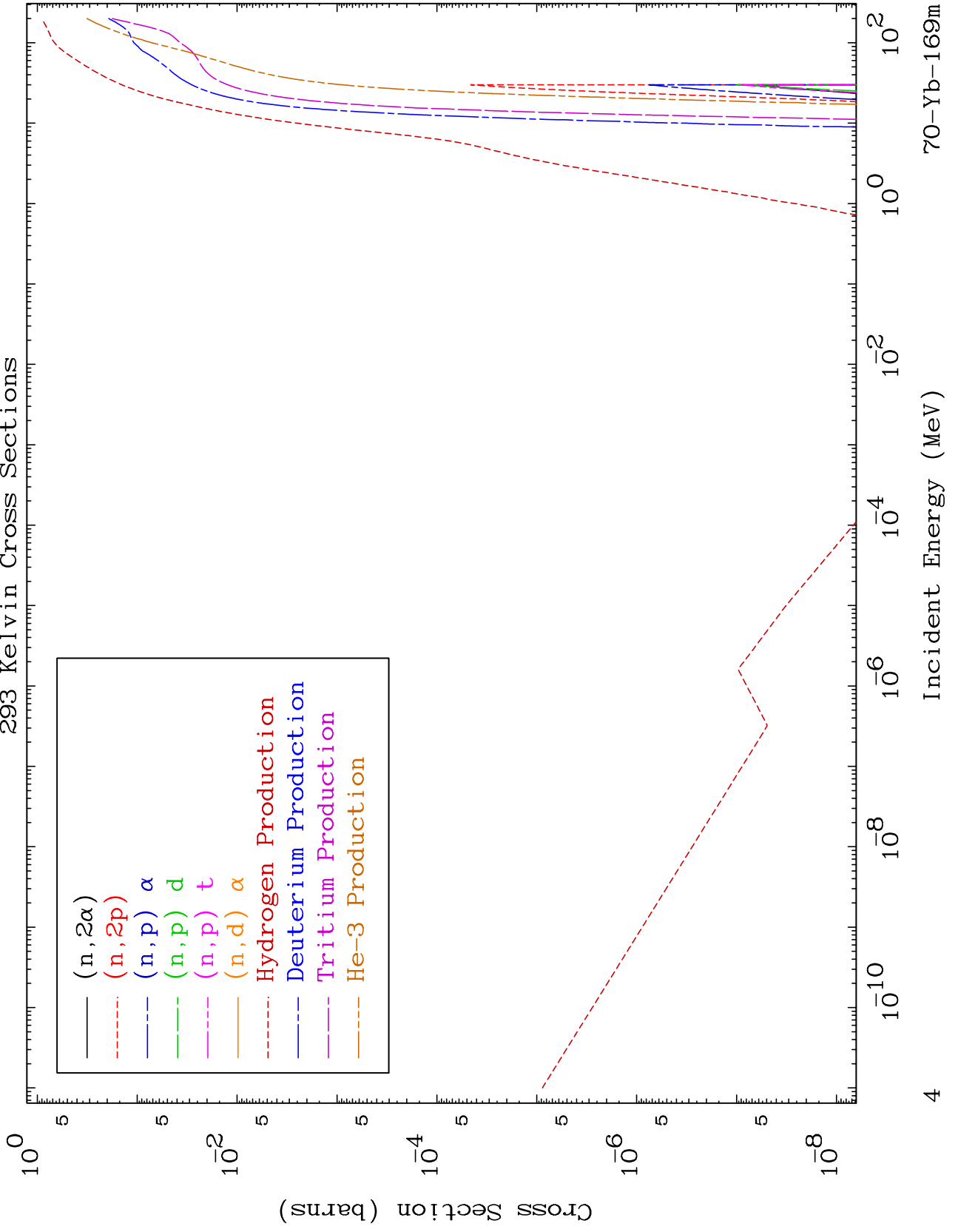
70-Yb-169m



MAT 7029

Neutron Absorption
293 Kelvin Cross Sections

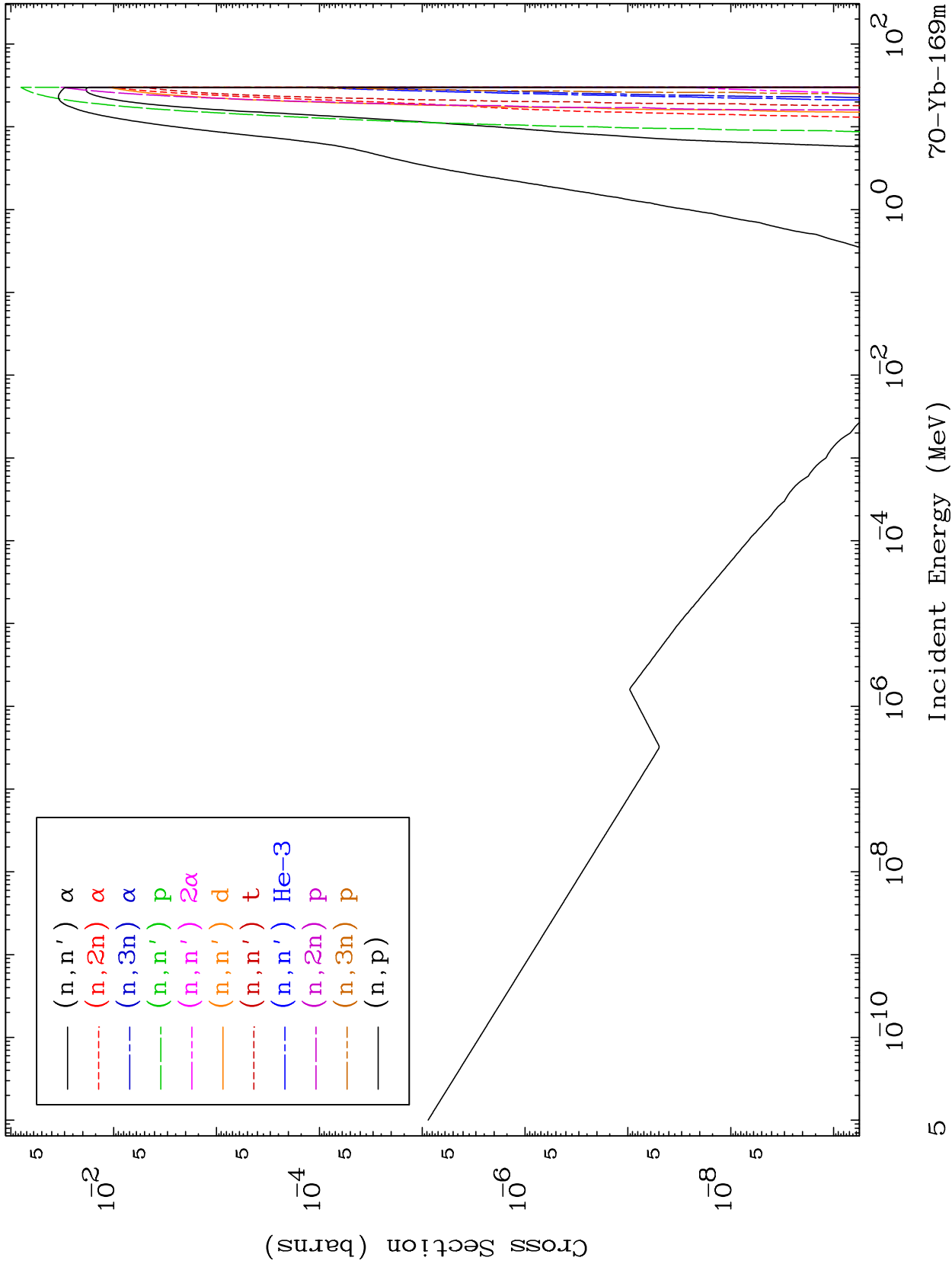
⁷⁰Yb-169m

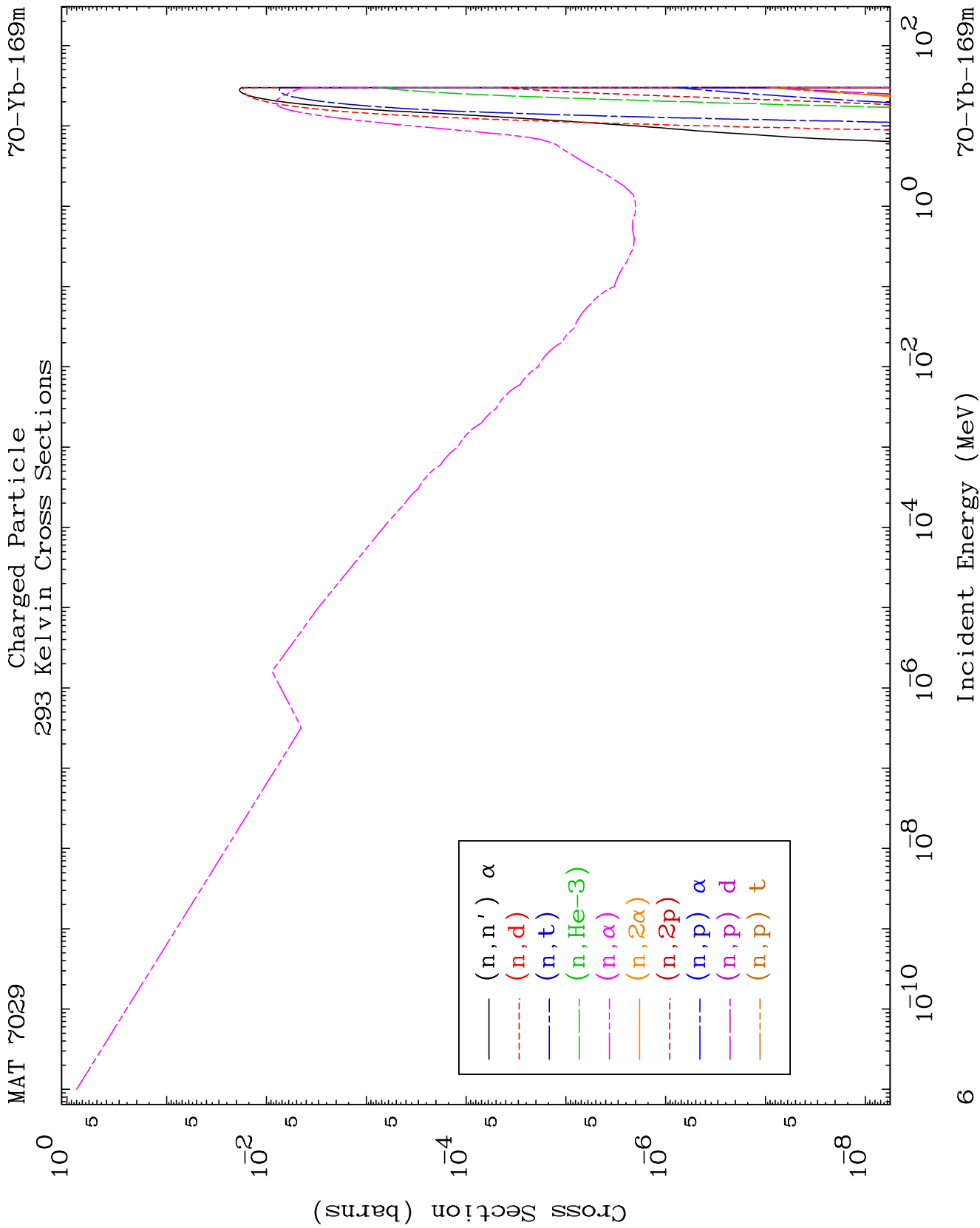


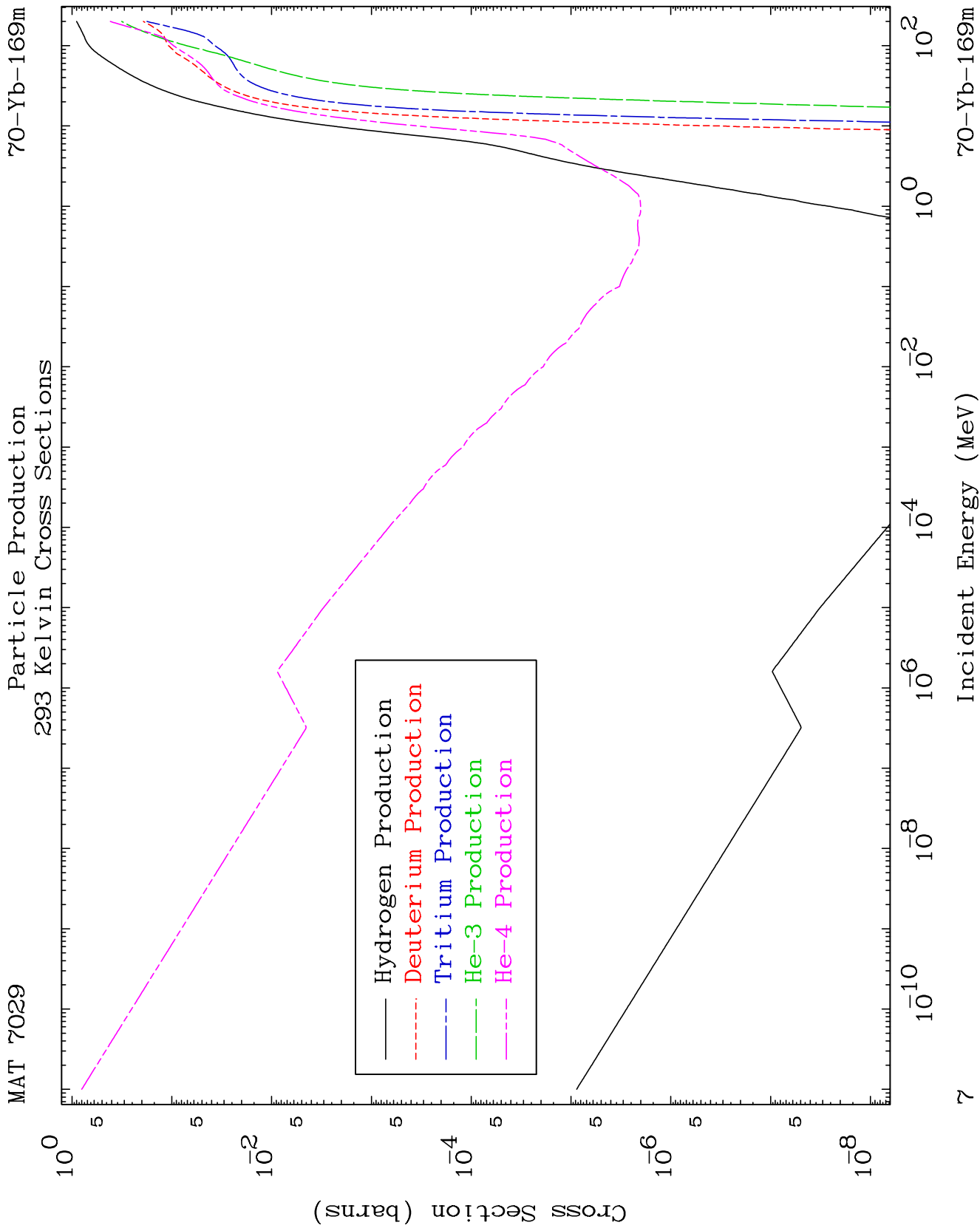
MAT 7029

Charged Particle
293 Kelvin Cross Sections

70-Yb-169m



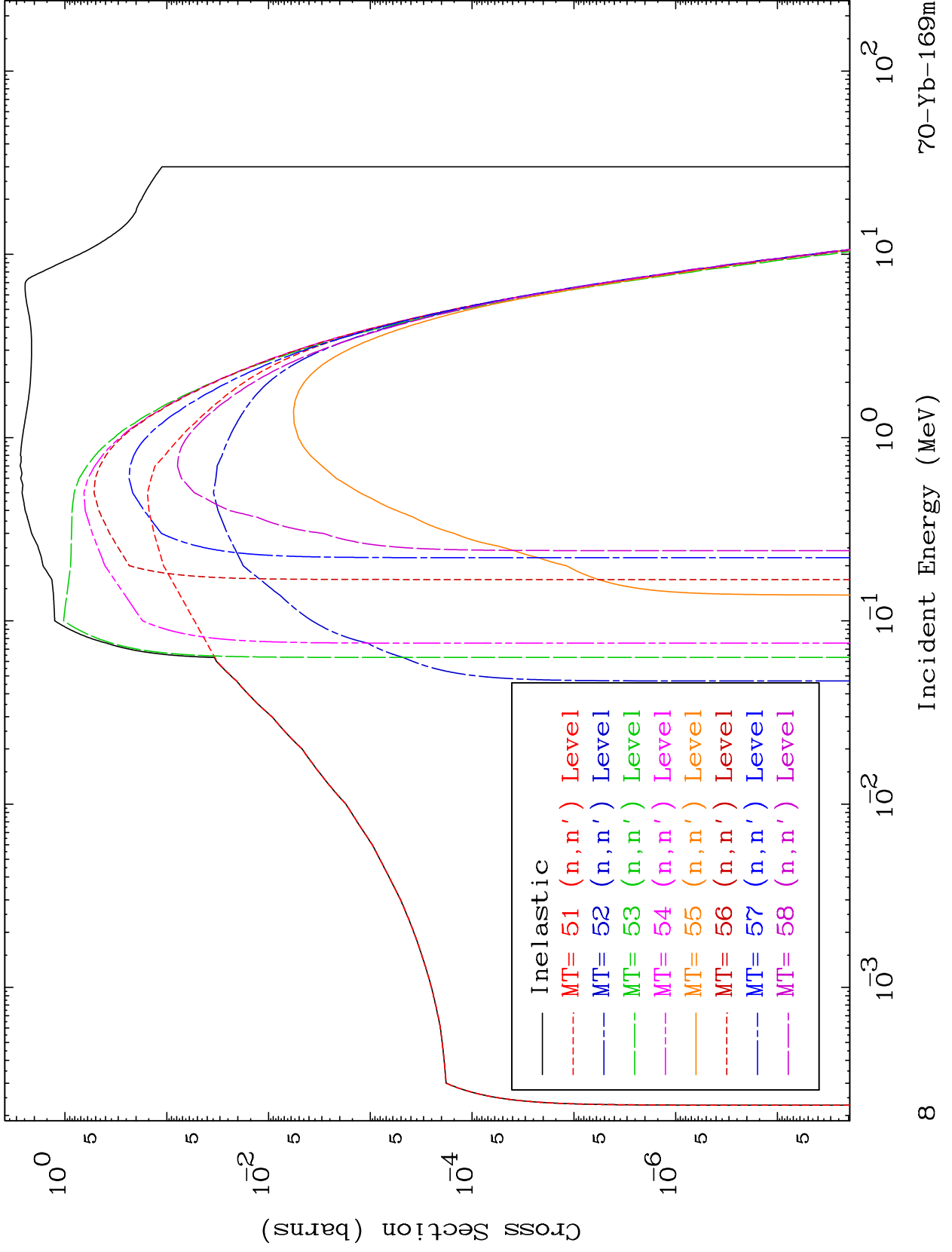




MAT 7029

293 Kelvin Cross Sections
(n,n') Levels

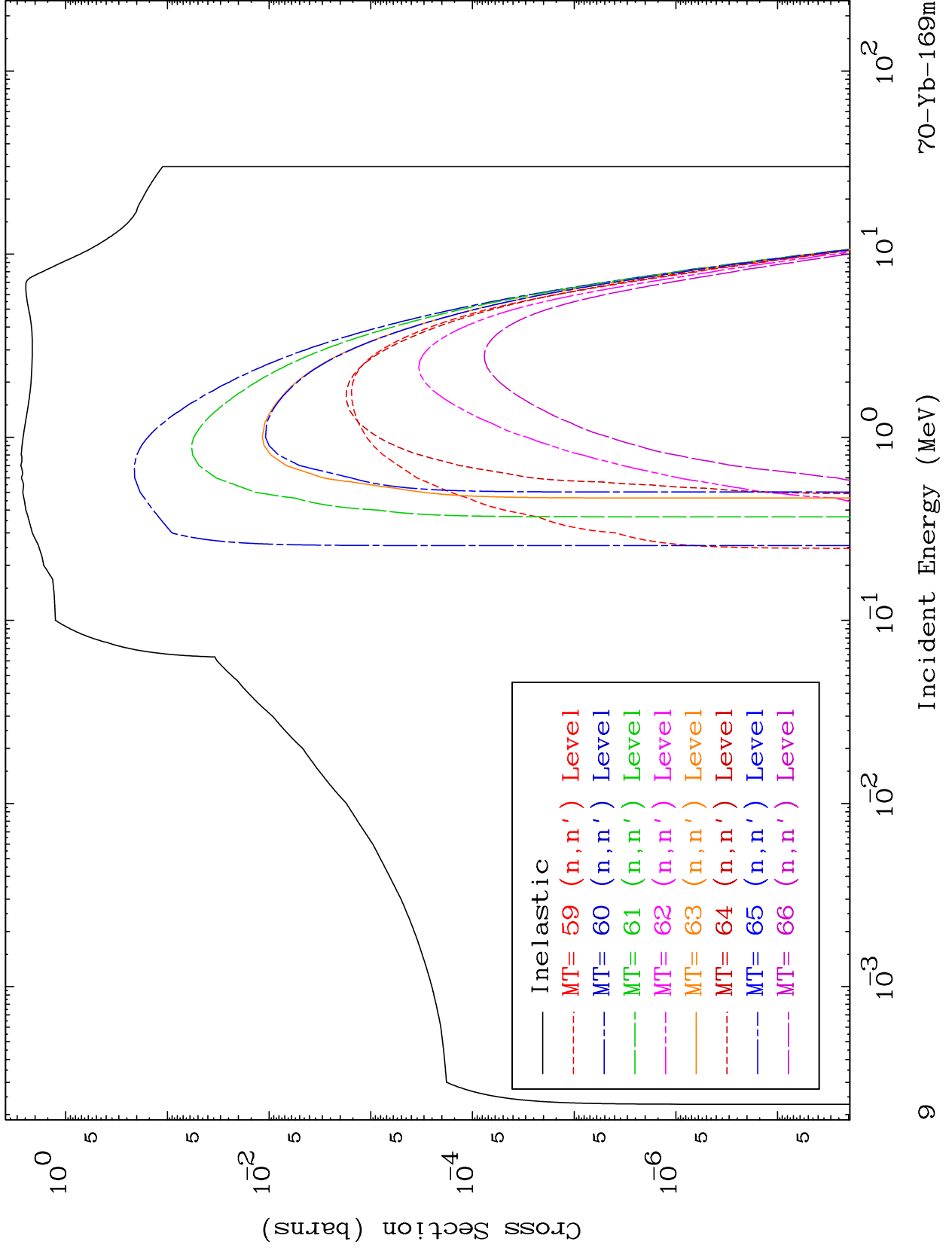
70-Yb-169m



MAT 7029

293 Kelvin Cross Sections
(n, n') Levels

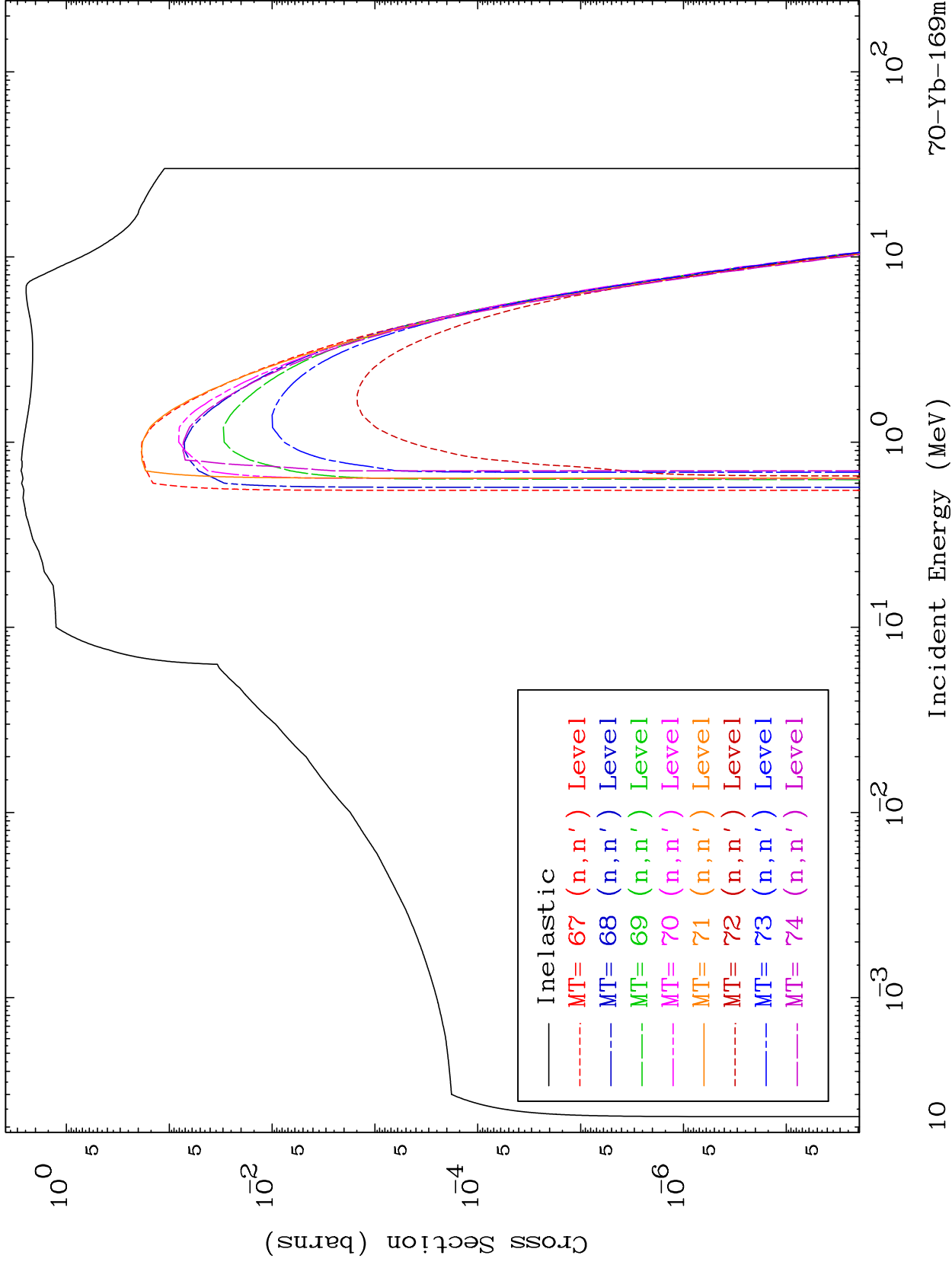
70-Yb-169m



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293 Kelvin Cross Sections
(n, n') Levels

70-Yb-169m



10

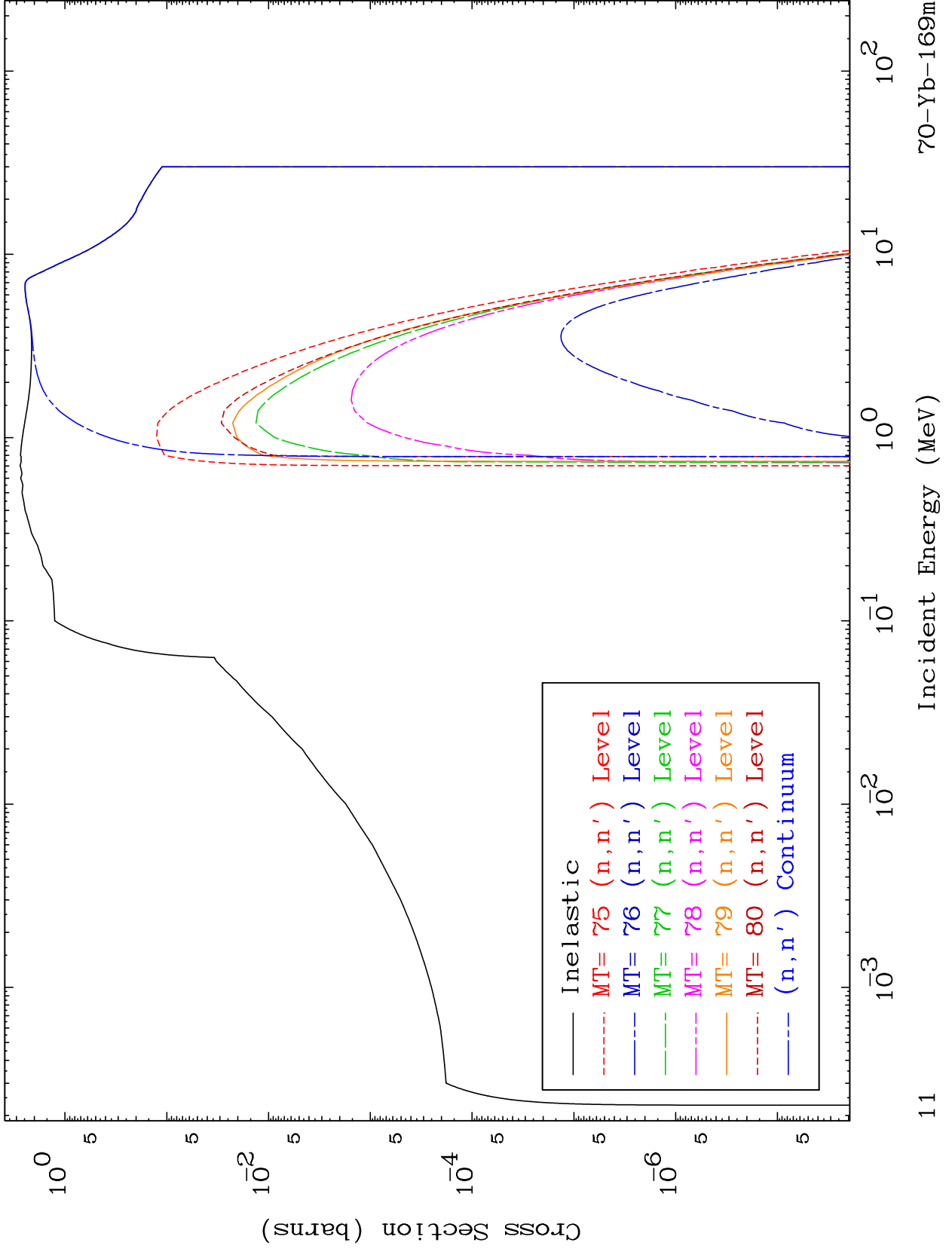
Incident Energy (MeV)

70-Yb-169m

MAT 7029

(n,n') Levels
293 Kelvin Cross Sections

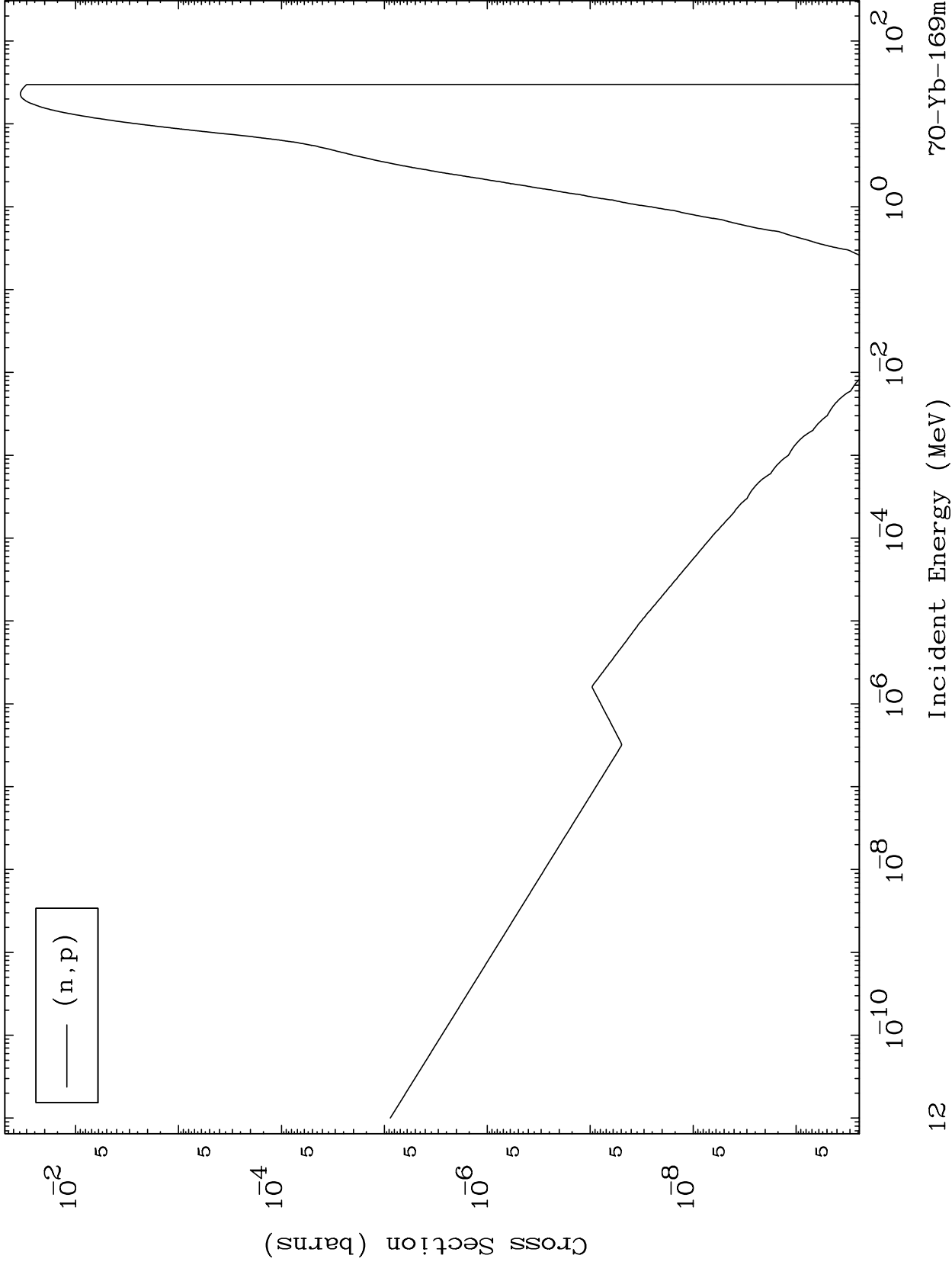
70-Yb-169m



MAT 7029

(n,p) Levels
293 Kelvin Cross Sections

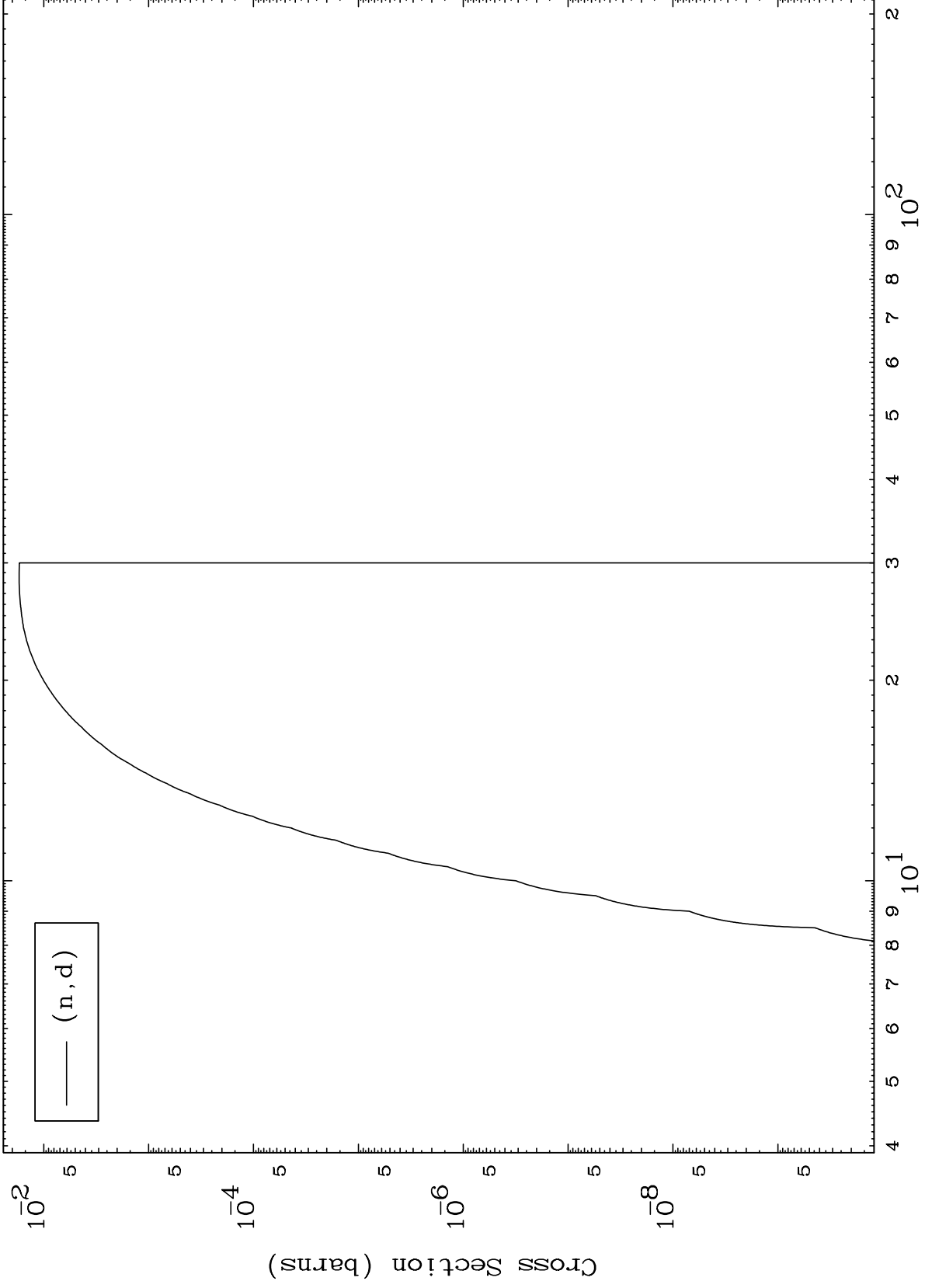
70-Yb-169m



MAT 7029

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-169m



13

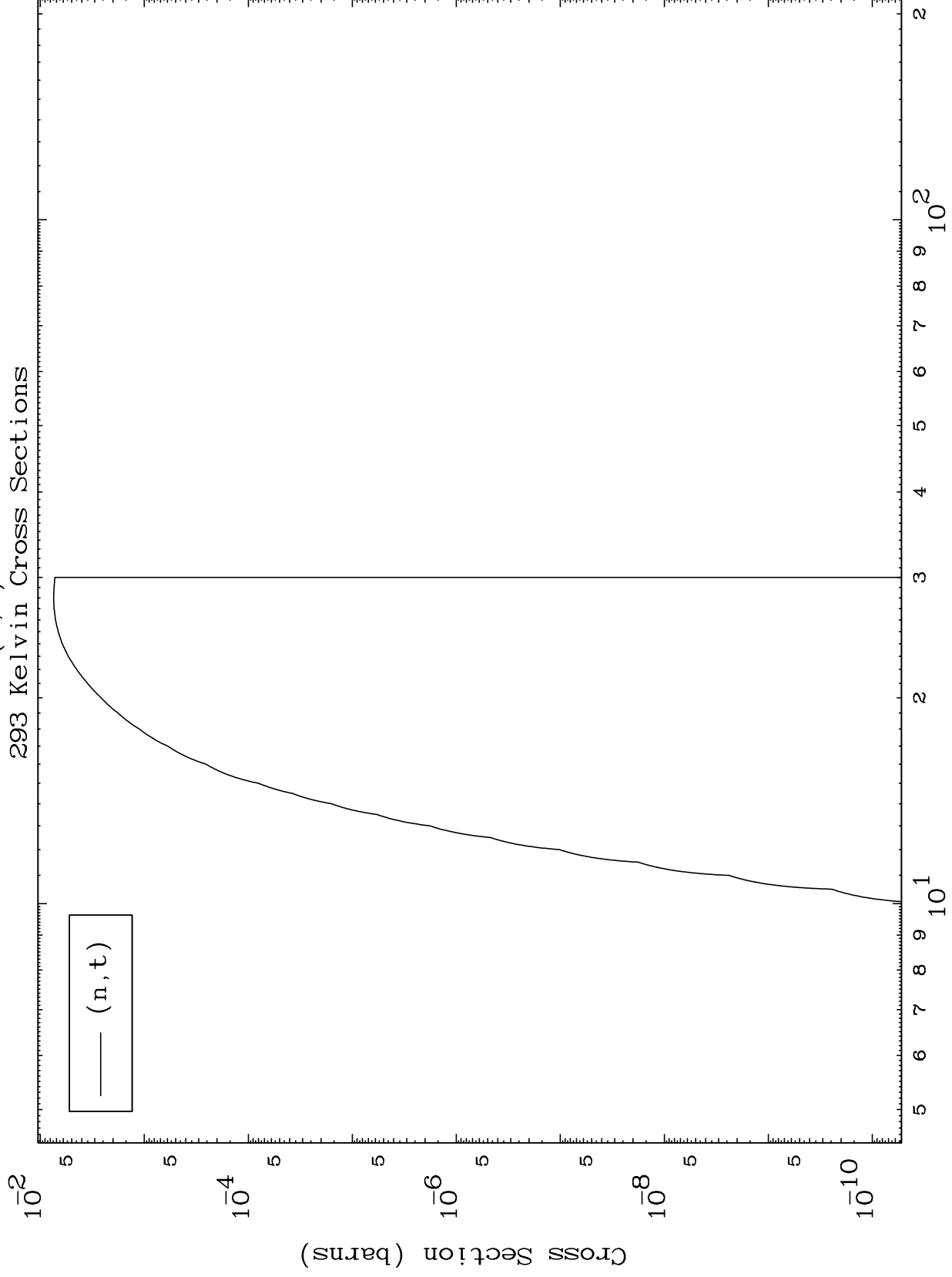
Incident Energy (MeV)

70-Yb-169m

MAT 7029

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-169m



14

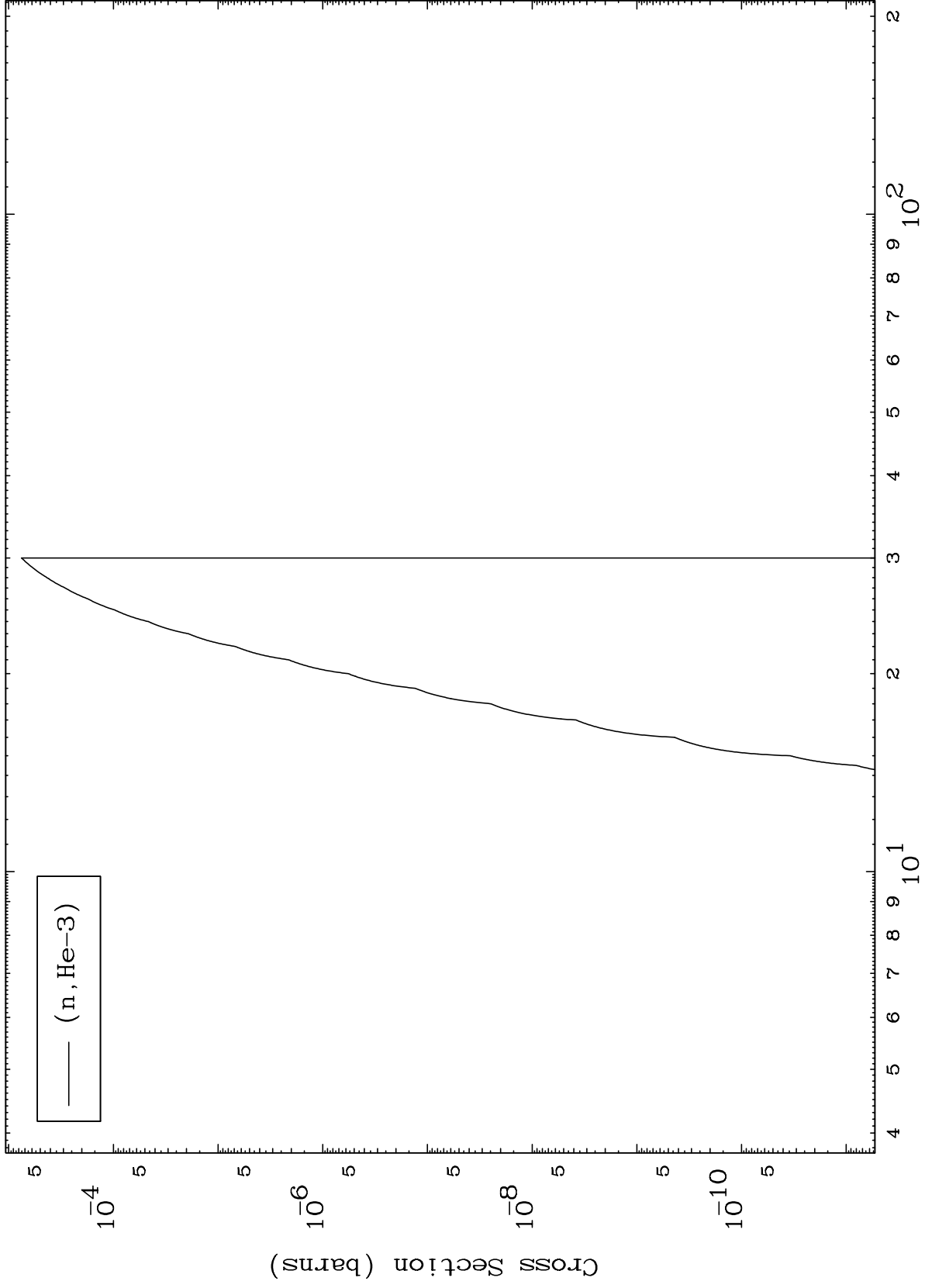
Incident Energy (MeV)

70-Yb-169m

MAT 7029

(n,He3) Levels
293 Kelvin Cross Sections

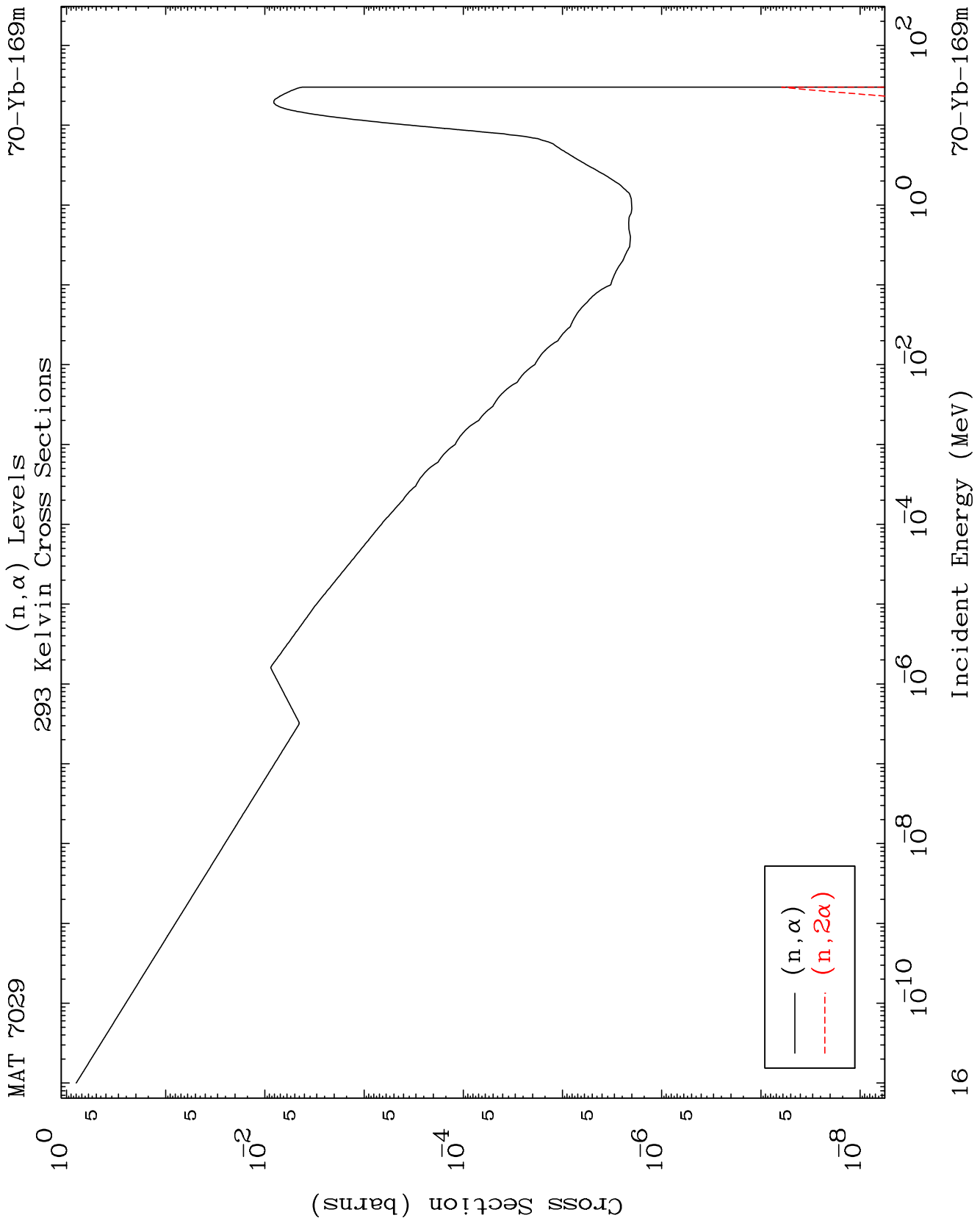
70-Yb-169m



15

Incident Energy (MeV)

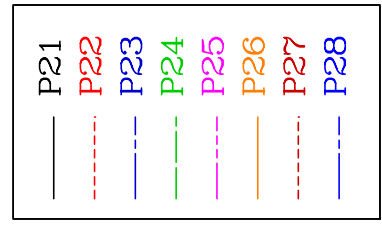
70-Yb-169m



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Elastic Legendre Coefficients

70-Yb-169m



$\times 10^{-6}$

Legendre (CM)



19

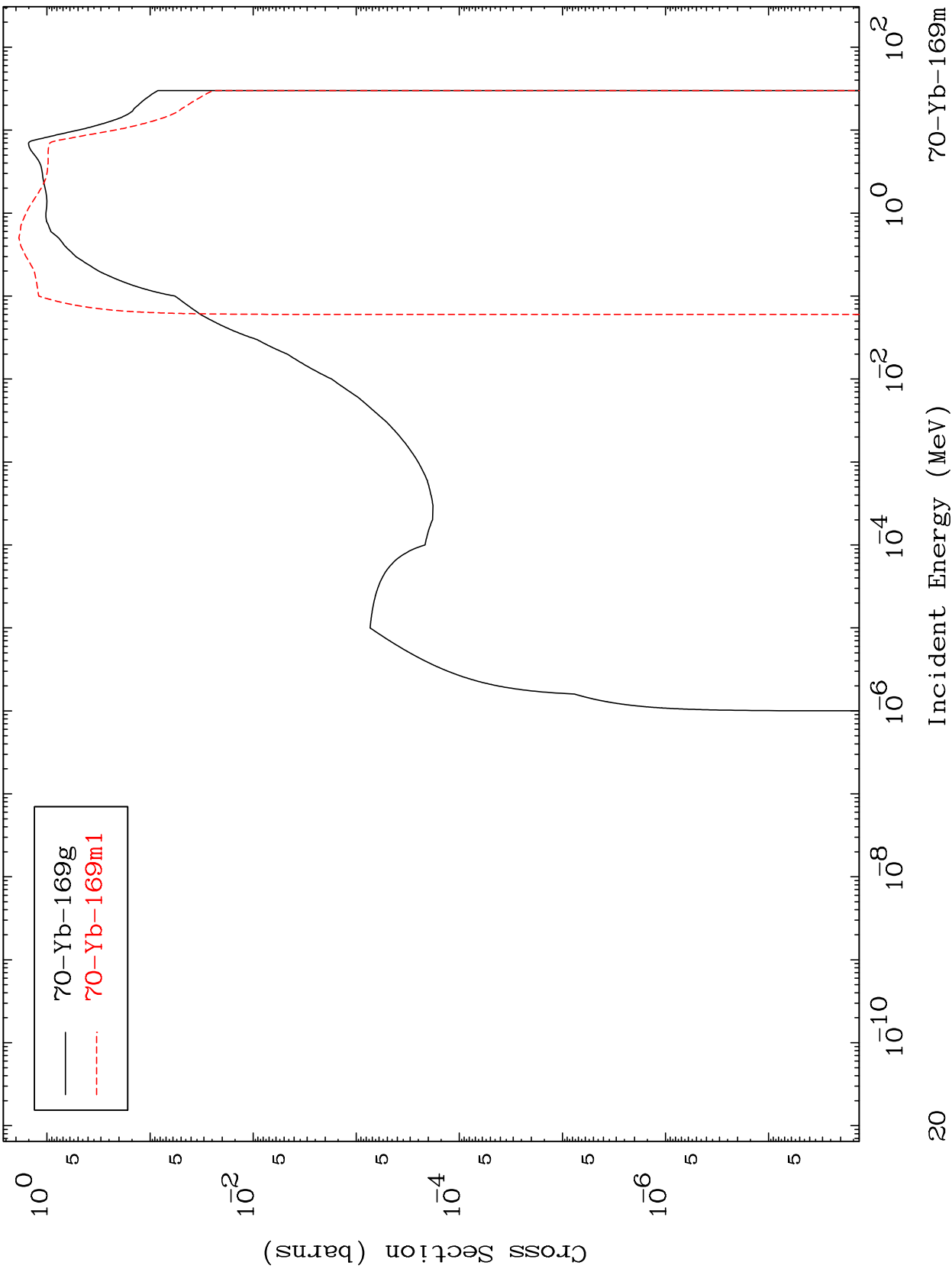
Incident Energy (MeV)

70-Yb-169m

MAT 7029

70-Yb-169m

Inelastic
Radionuclide Production Cross Section

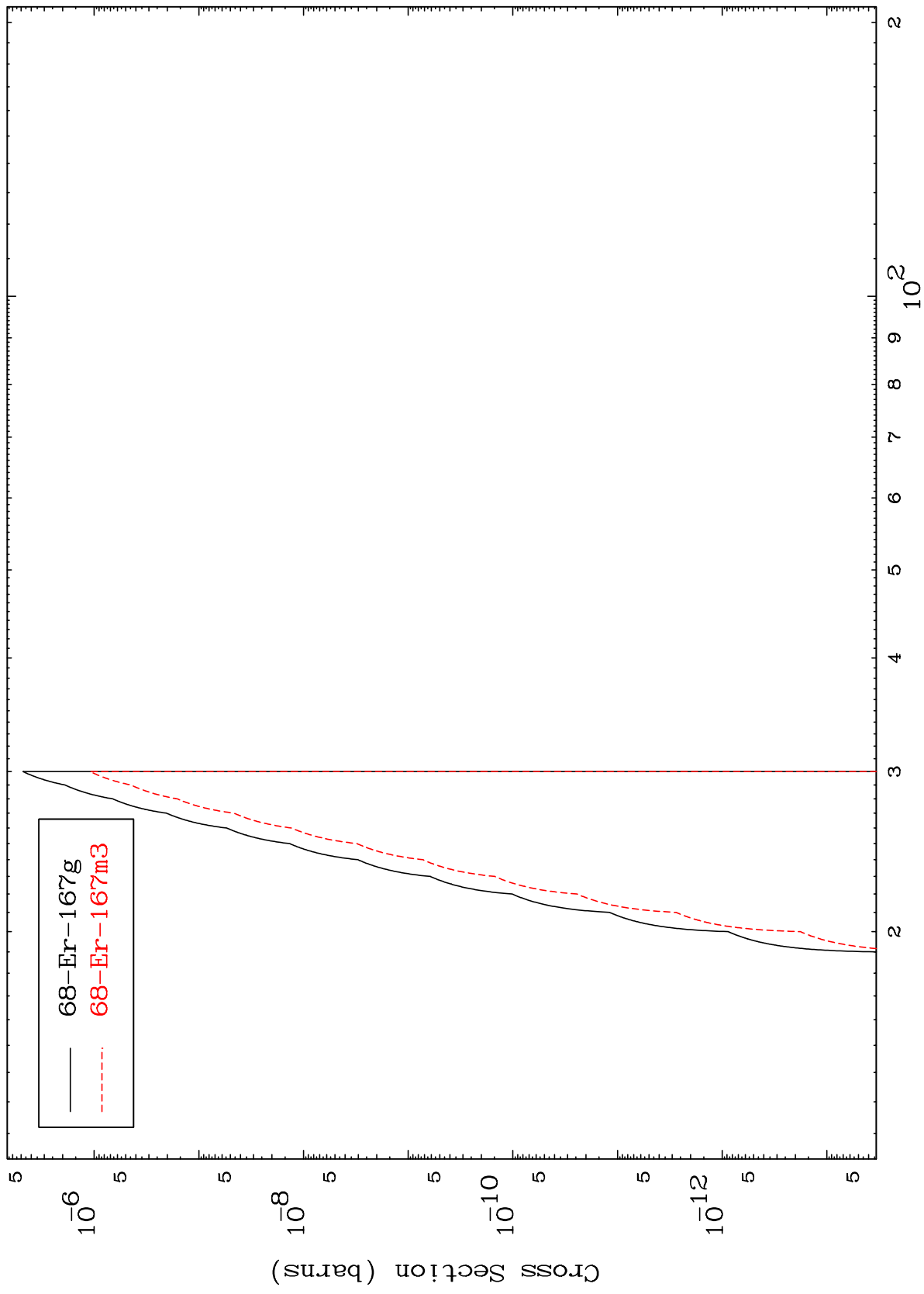


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(n,2n) p

70-Yb-169m

Radionuclide Production Cross Section



Incident Energy (MeV)

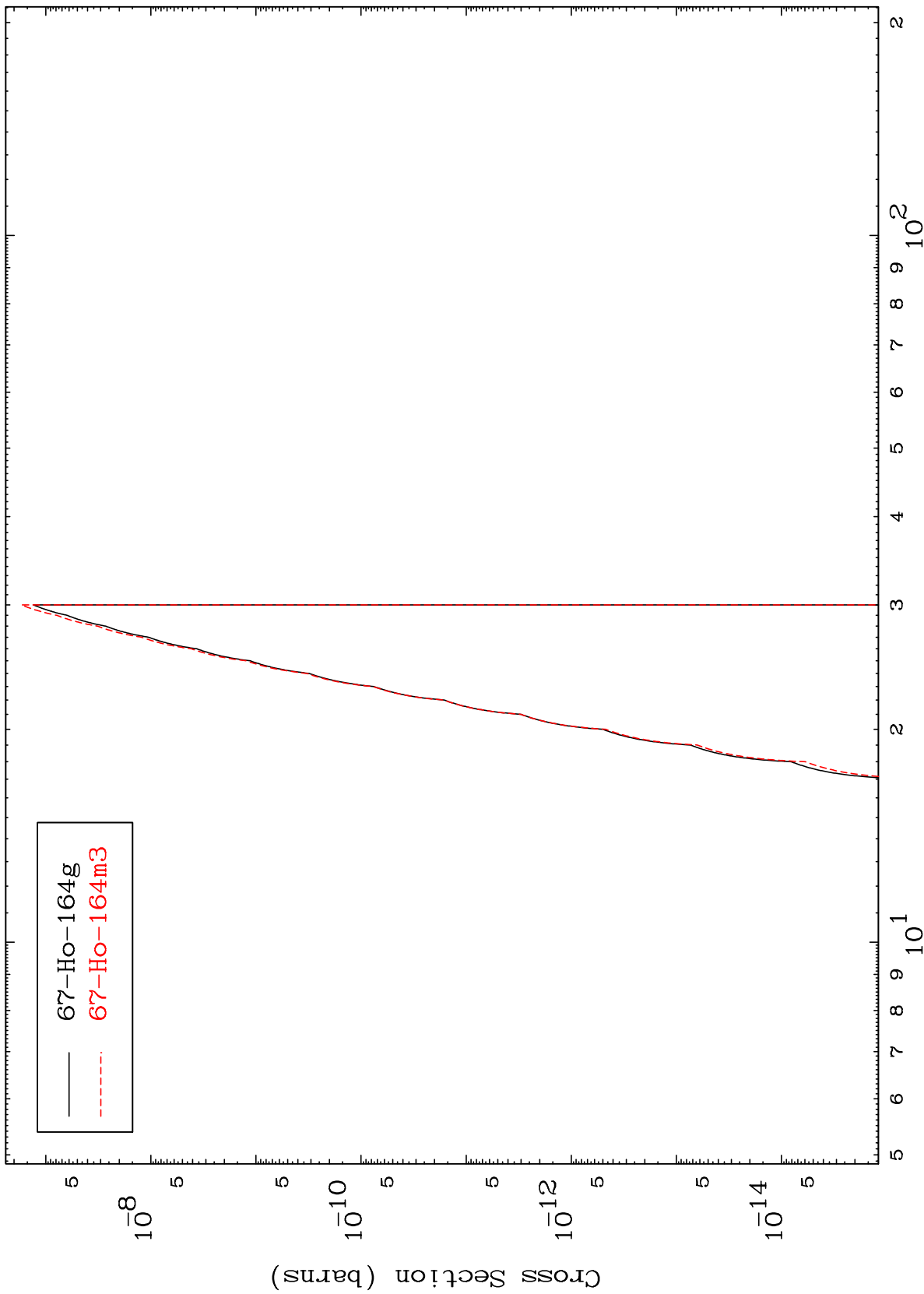
70-Yb-169m

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(n,n') p α

70-Yb-169m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

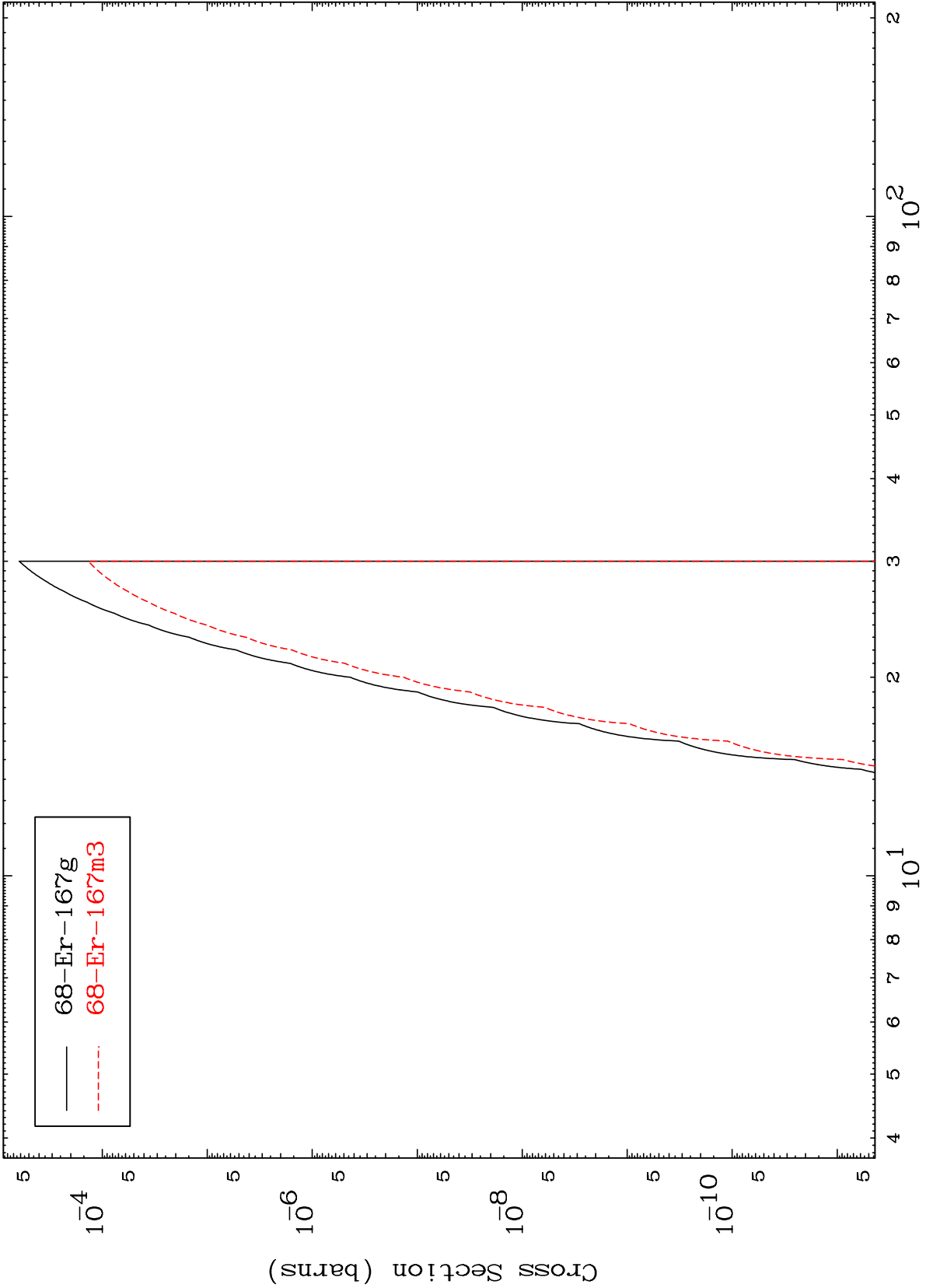
70-Yb-169m

MAT 7029

(n,He-3)

70-Yb-169m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

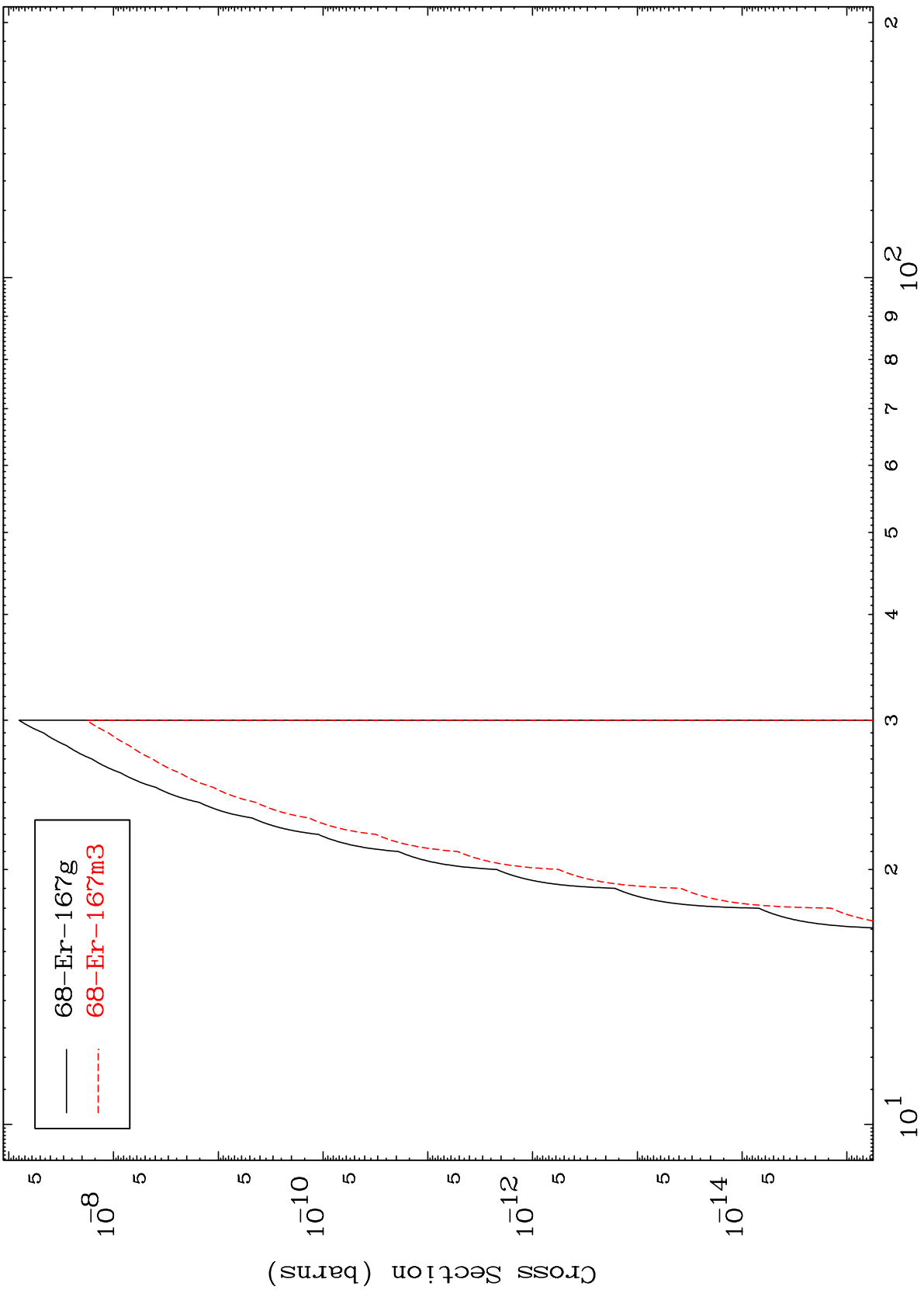
70-Yb-169m

MAT 7029

(n,p) d

70-Yb-169m

Radionuclide Production Cross Section



Incident Energy (MeV)

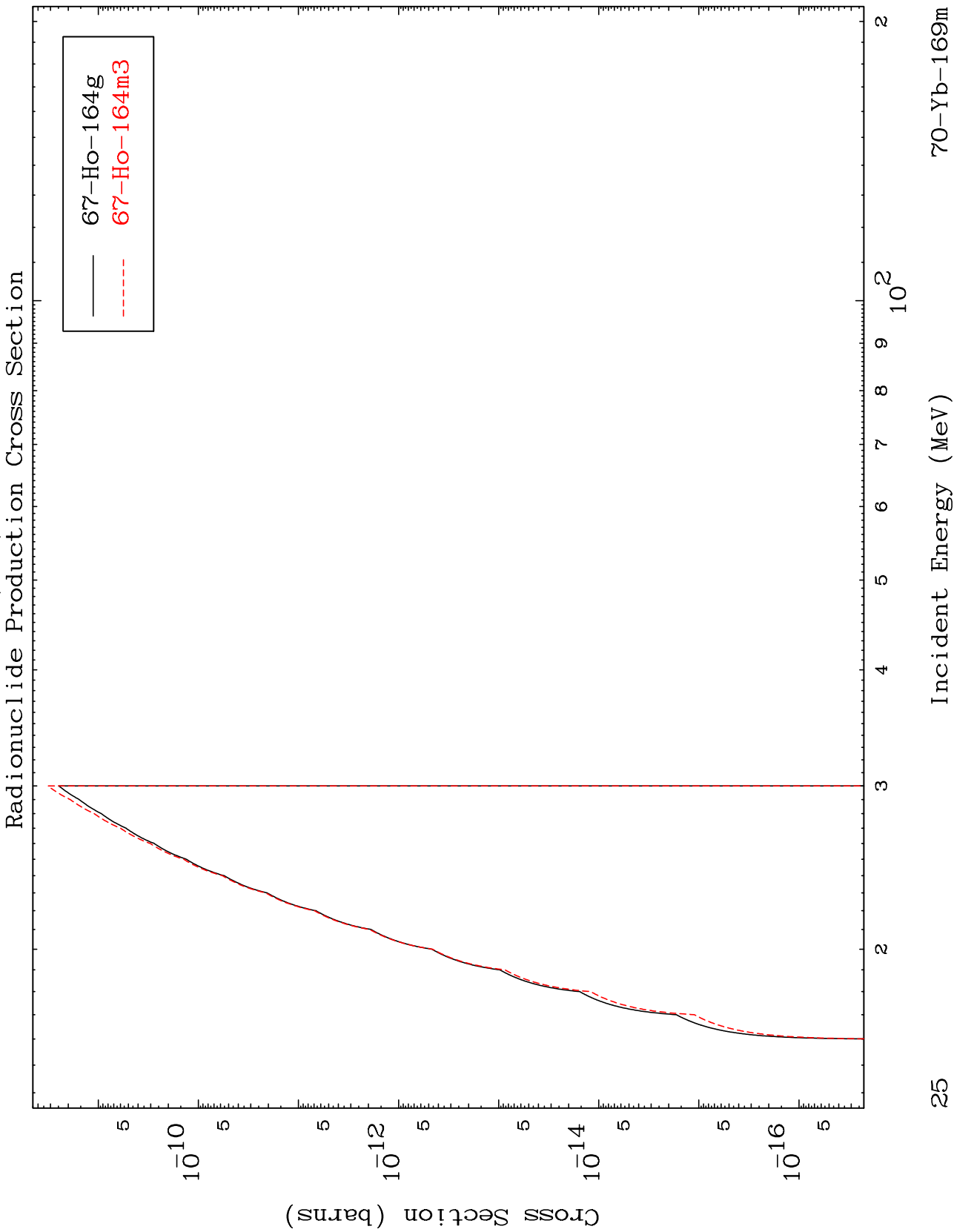
70-Yb-169m

24

MAT 7029

(n,d) α

70-Yb-169m



25

Incident Energy (MeV)

70-Yb-169m