

Program EVALPLOT
(Version 2017-1)

by

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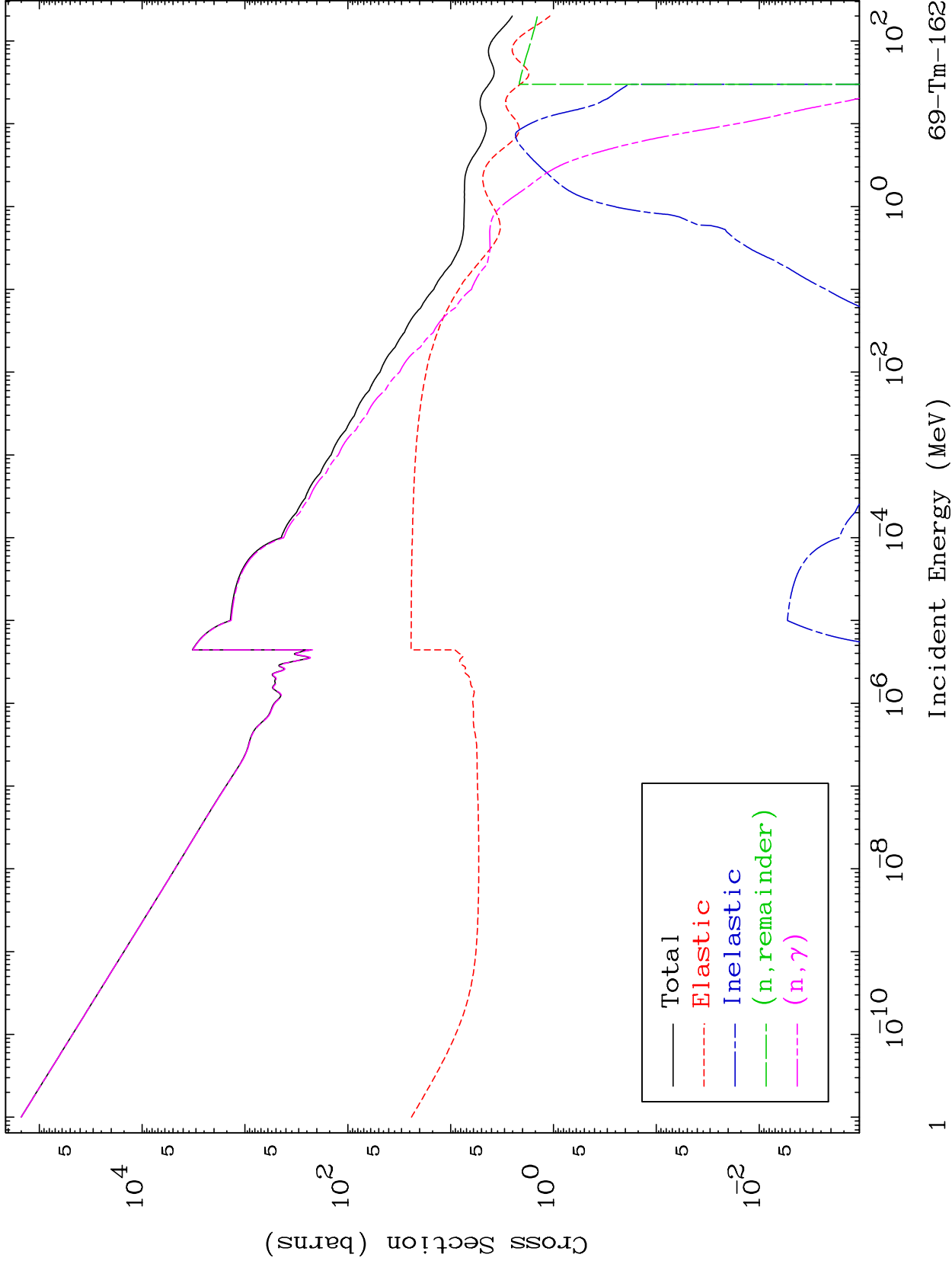
Press Mouse Button to Start

MAT 6905

Major

293 Kelvin Cross Sections

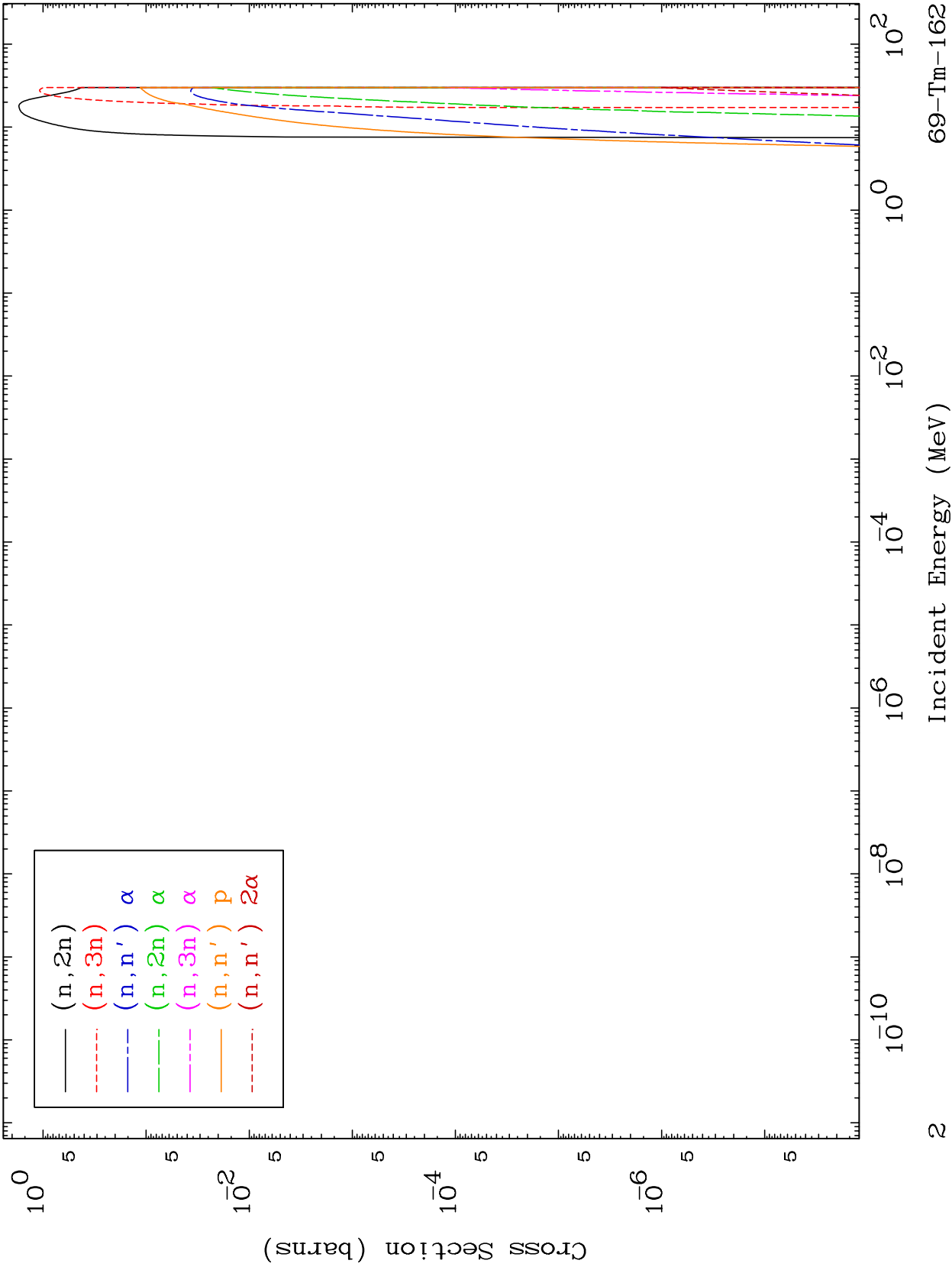
69-Tm-162



MAT 6905

Neutron Production
293 Kelvin Cross Sections

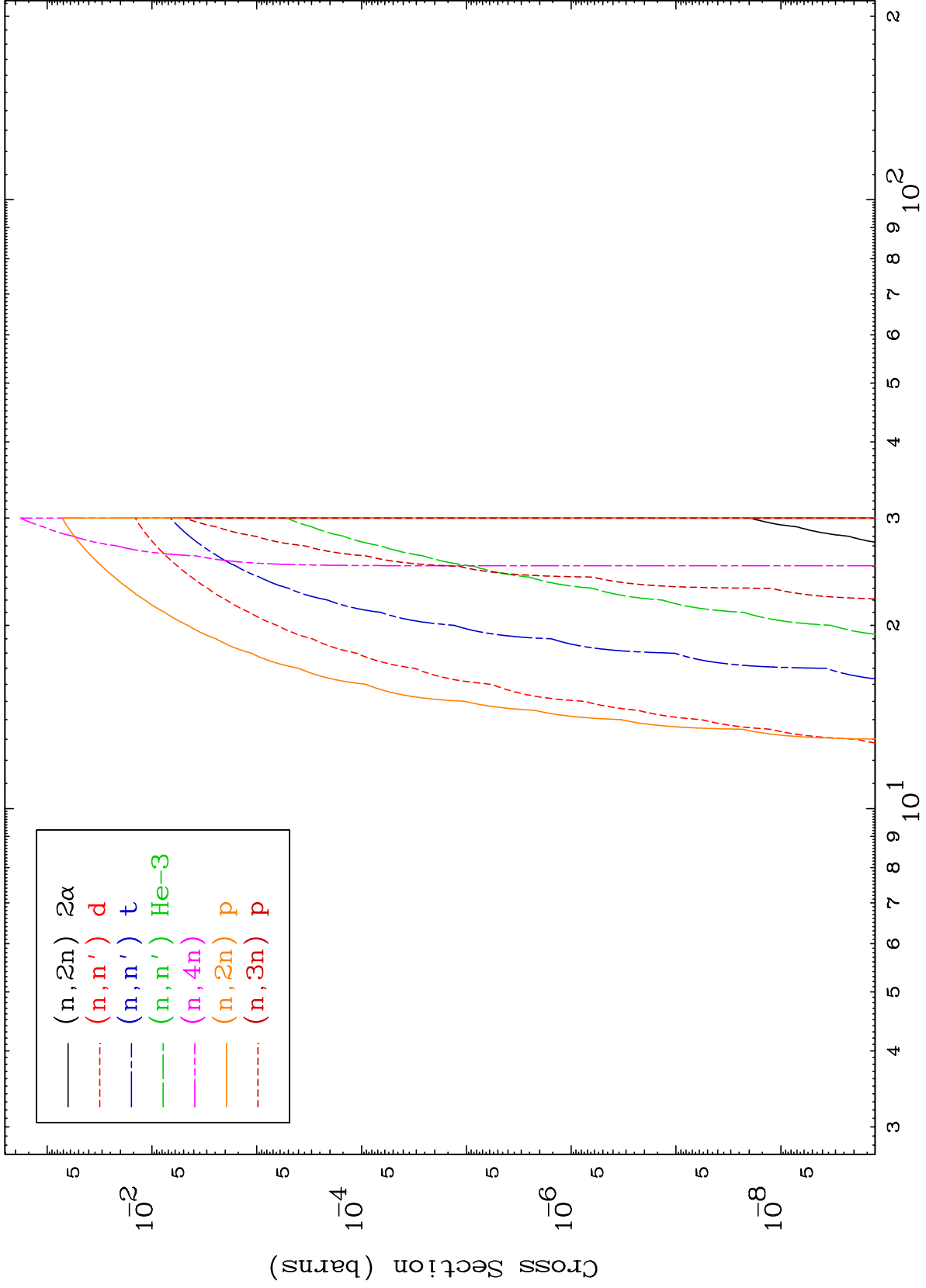
69-Tm-162



MAT 6905

Neutron Production
293 Kelvin Cross Sections

69-Tm-162



3

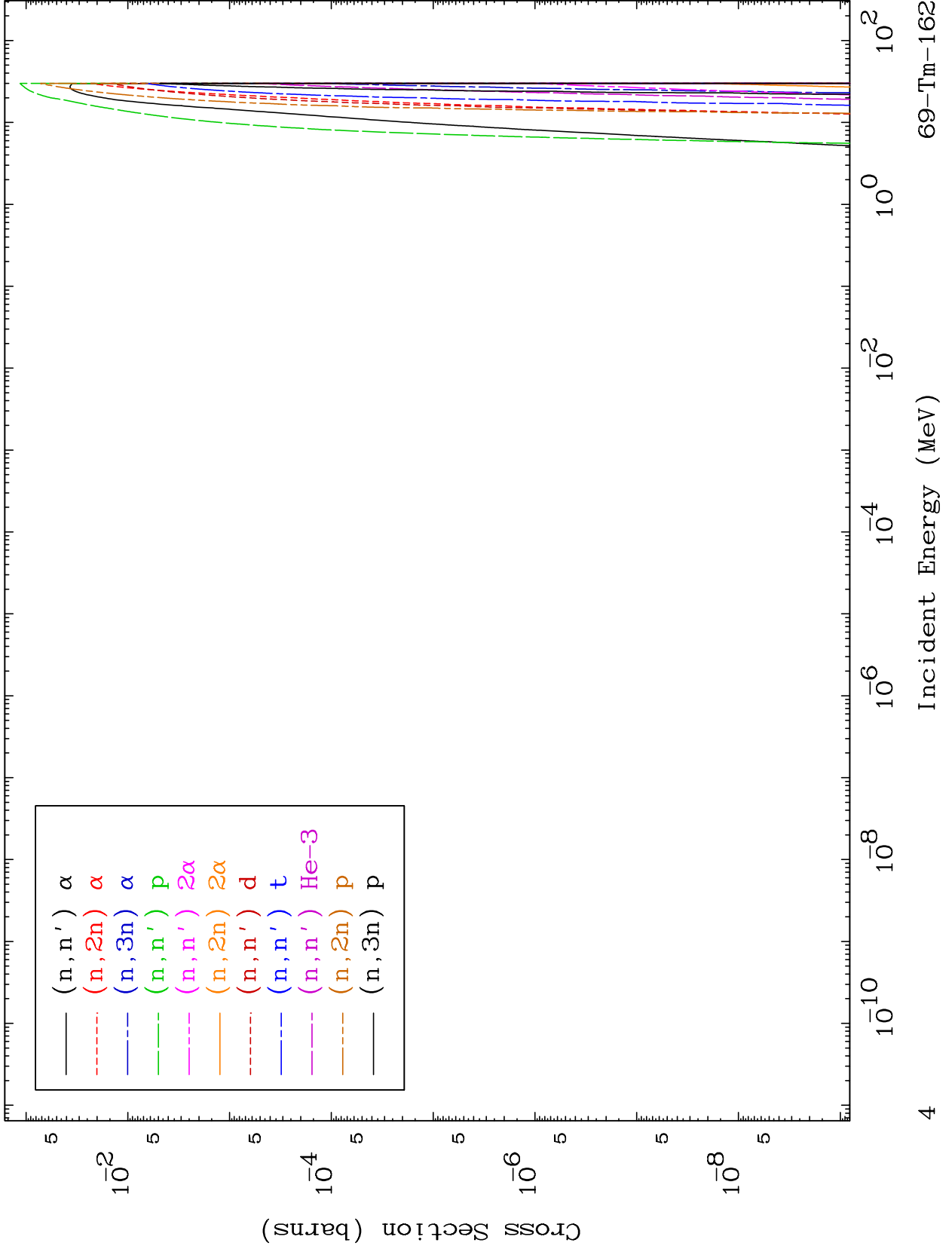
Incident Energy (MeV)

69-Tm-162

MAT 6905

Charged Particle
293 Kelvin Cross Sections

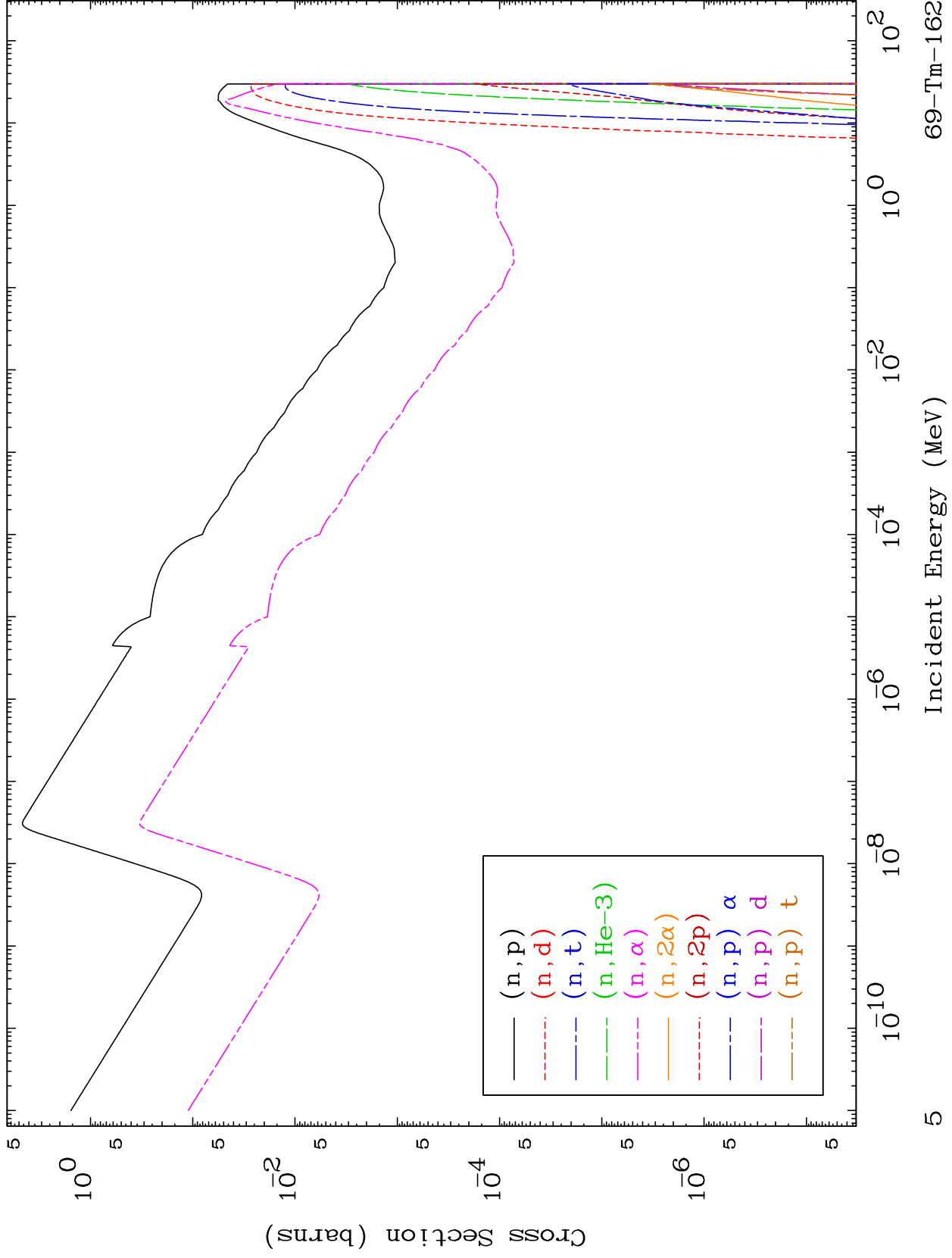
69-Tm-162



MAT 6905

Charged Particle
293 Kelvin Cross Sections

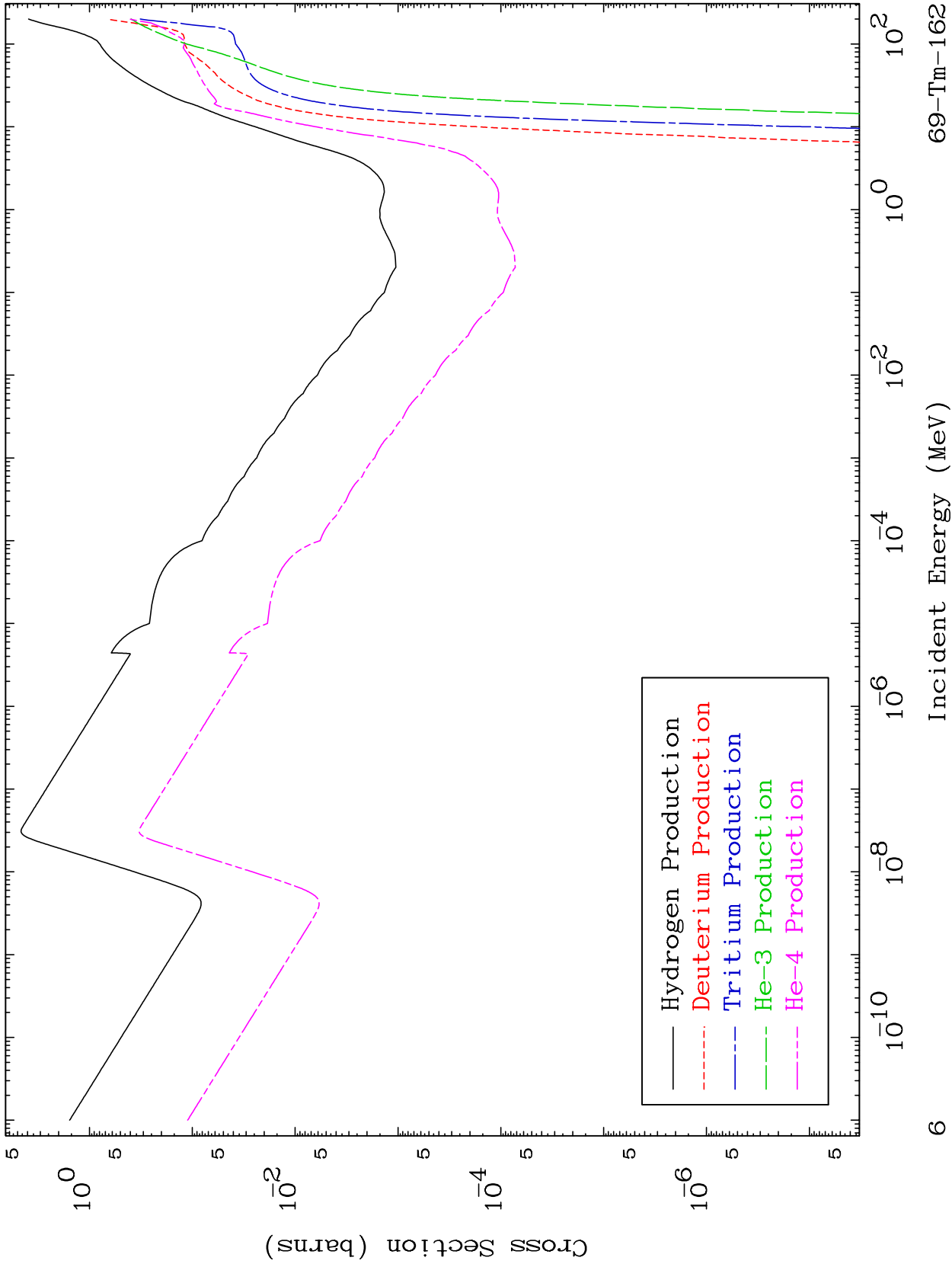
69-Tm-162



MAT 6905

Particle Production
293 Kelvin Cross Sections

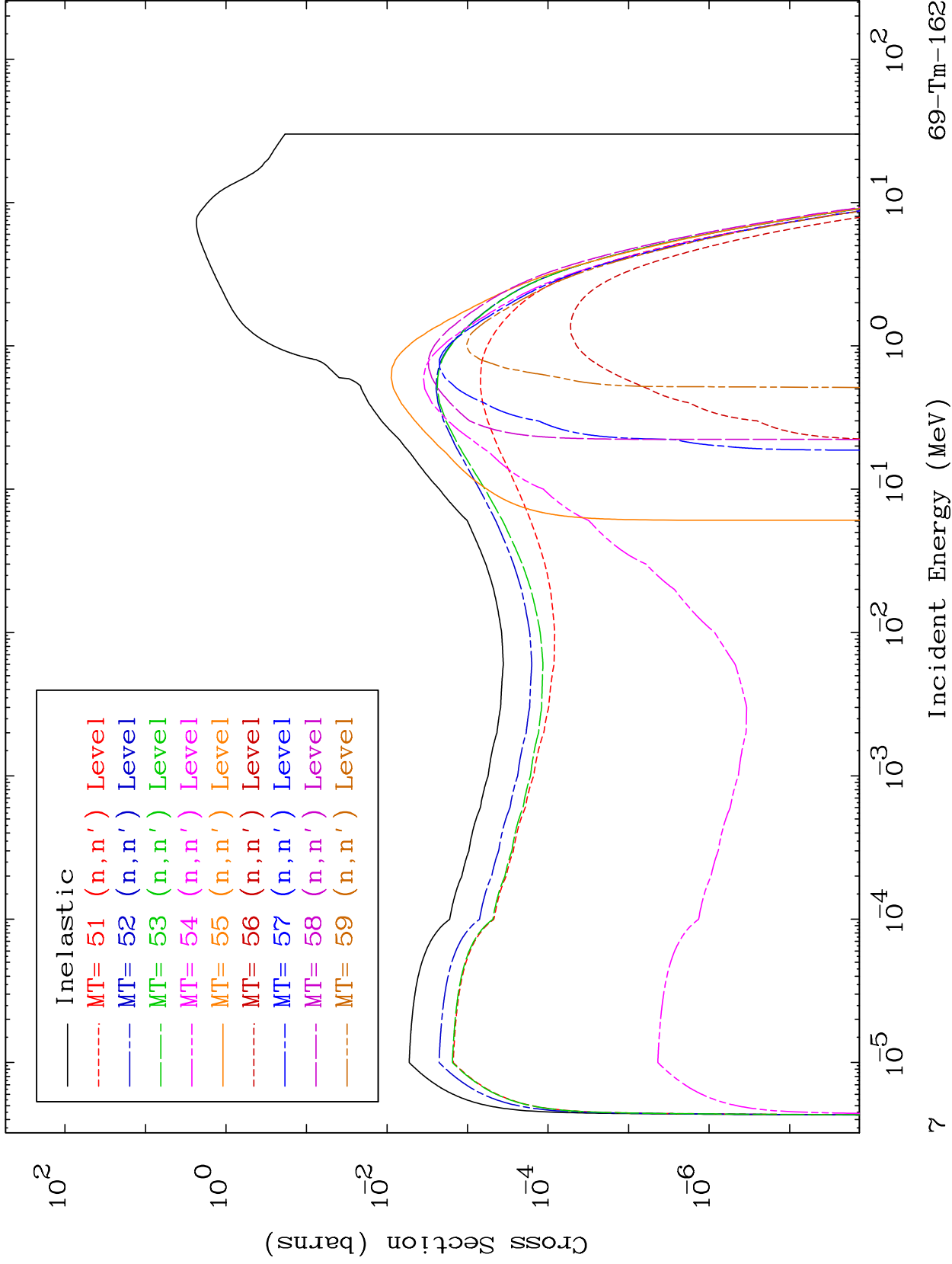
69-Tm-162



MAT 6905

(n,n') Level
293 Kelvin Cross Sections

69-Tm-162

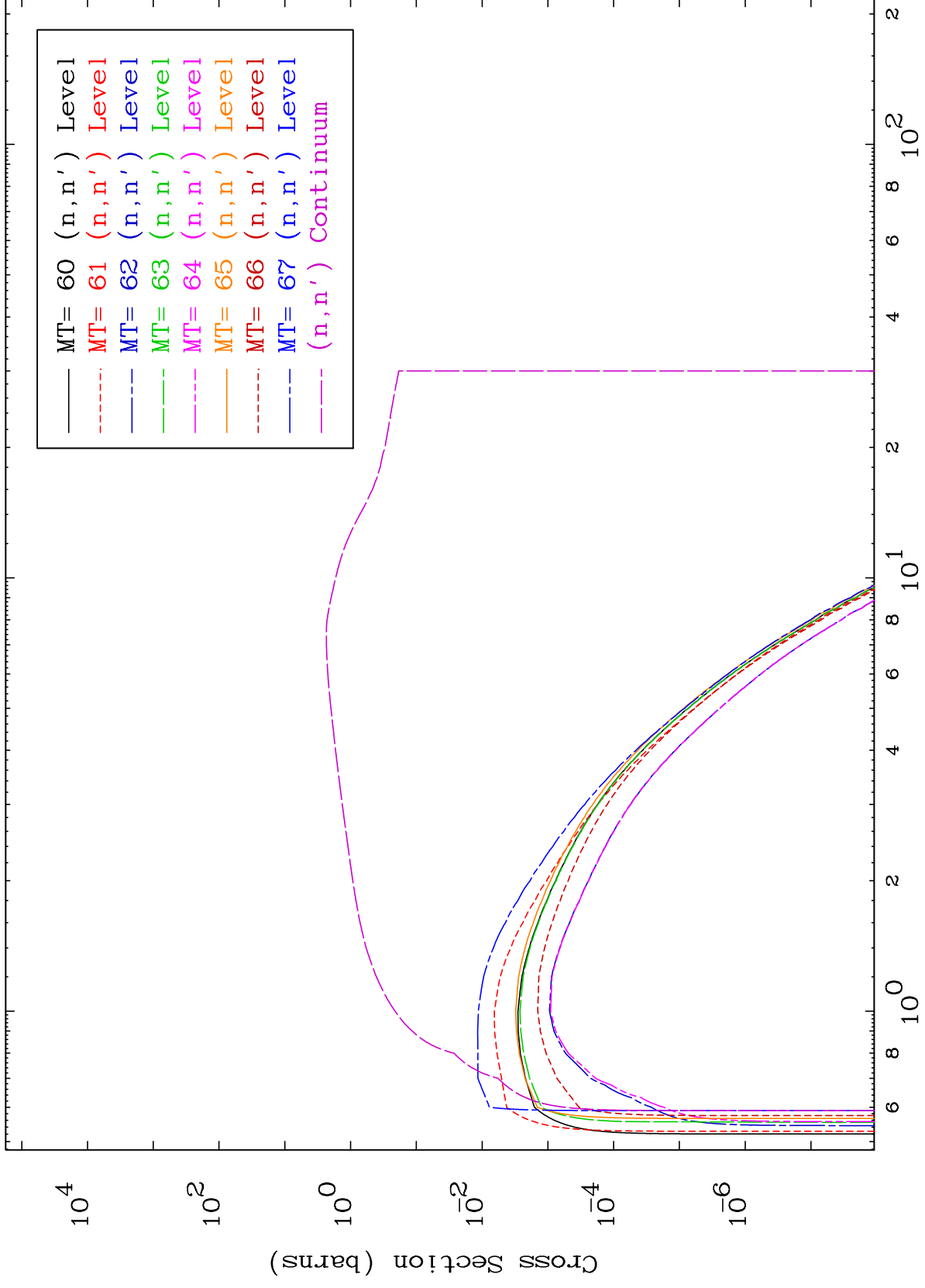


MAT 6905

(n,n') Level

293 Kelvin Cross Sections

69-Tm-162



8

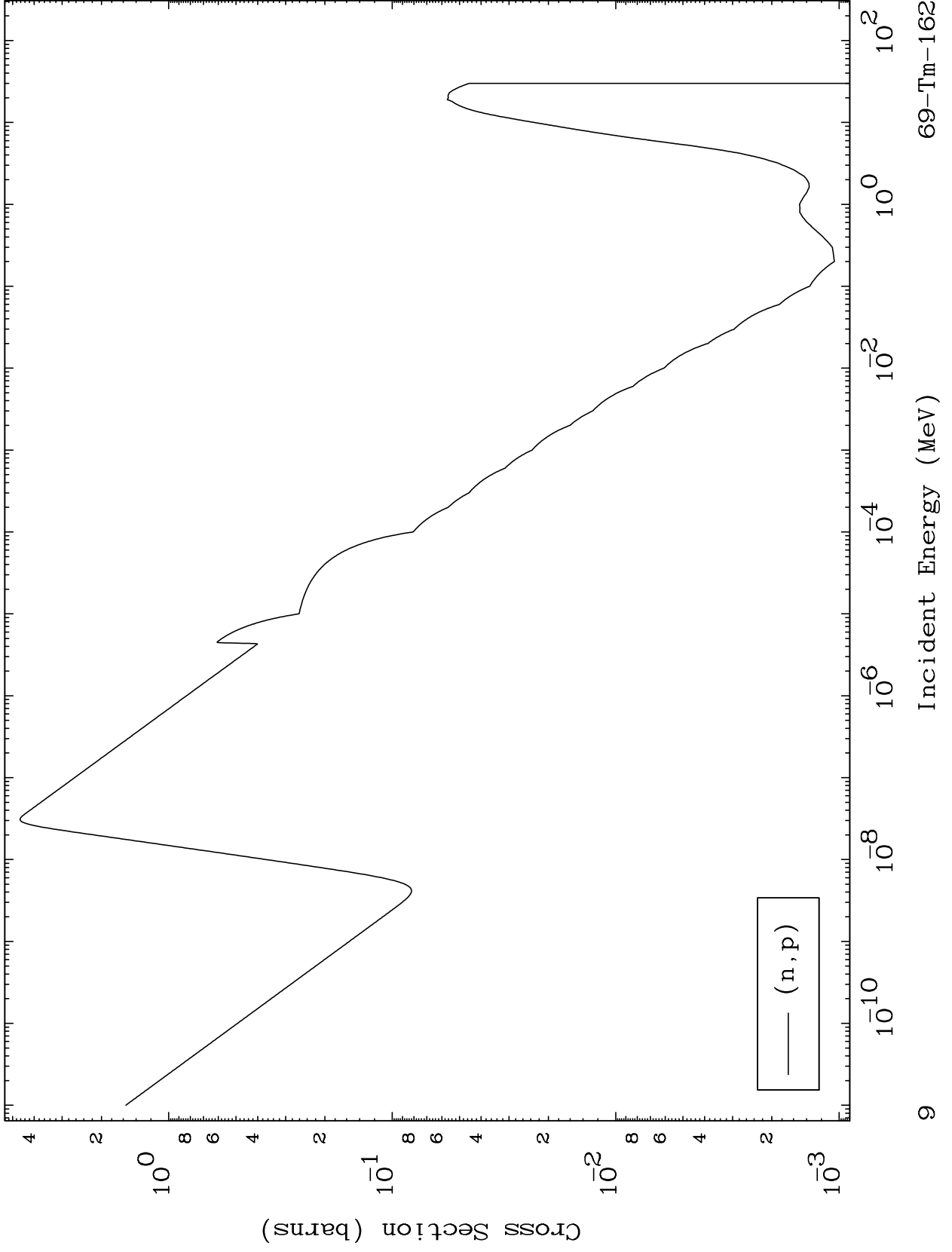
Incident Energy (MeV)

69-Tm-162

MAT 6905

(n,p) Levels
293 Kelvin Cross Sections

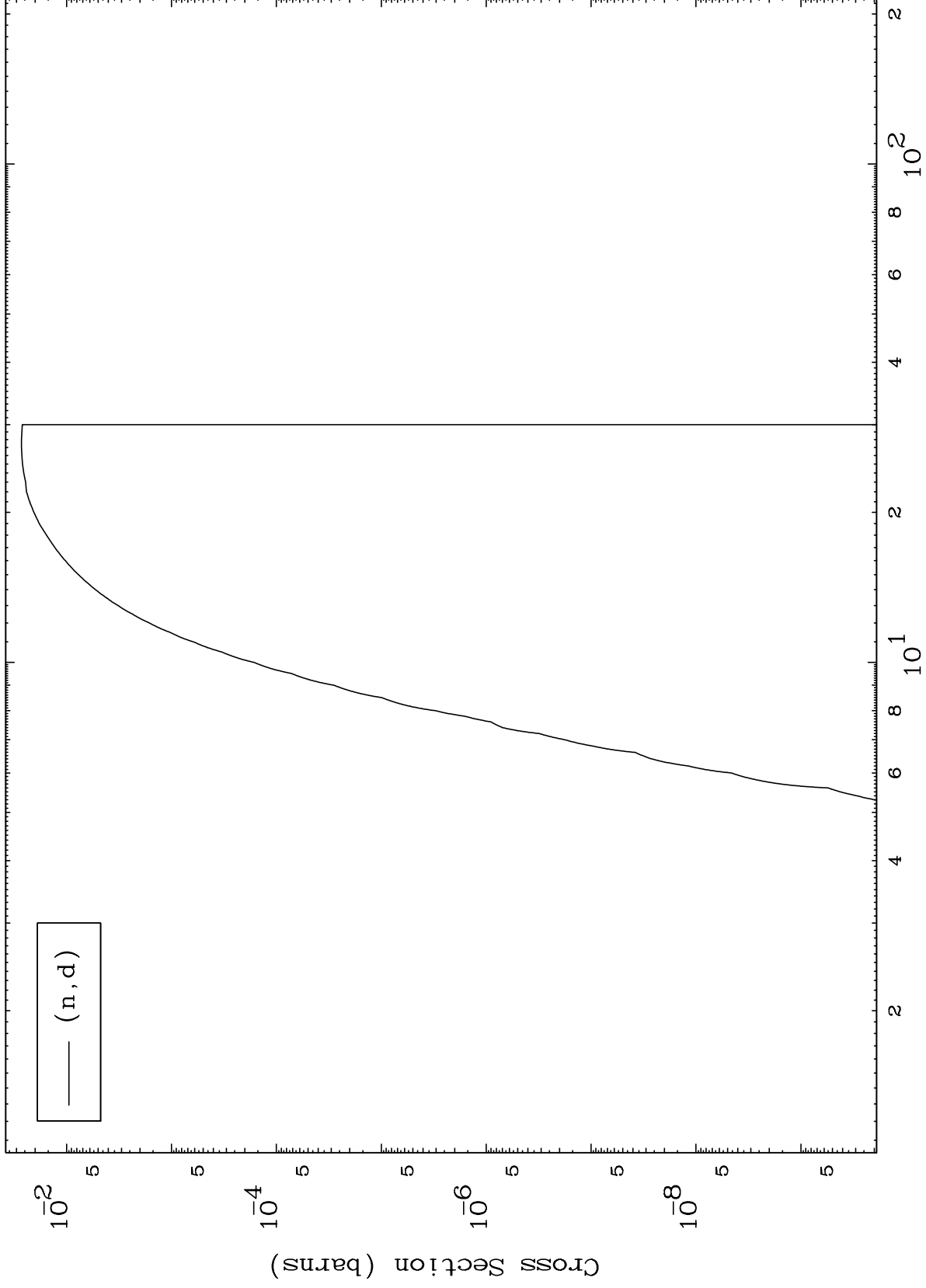
69-Tm-162



MAT 6905

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-162



10

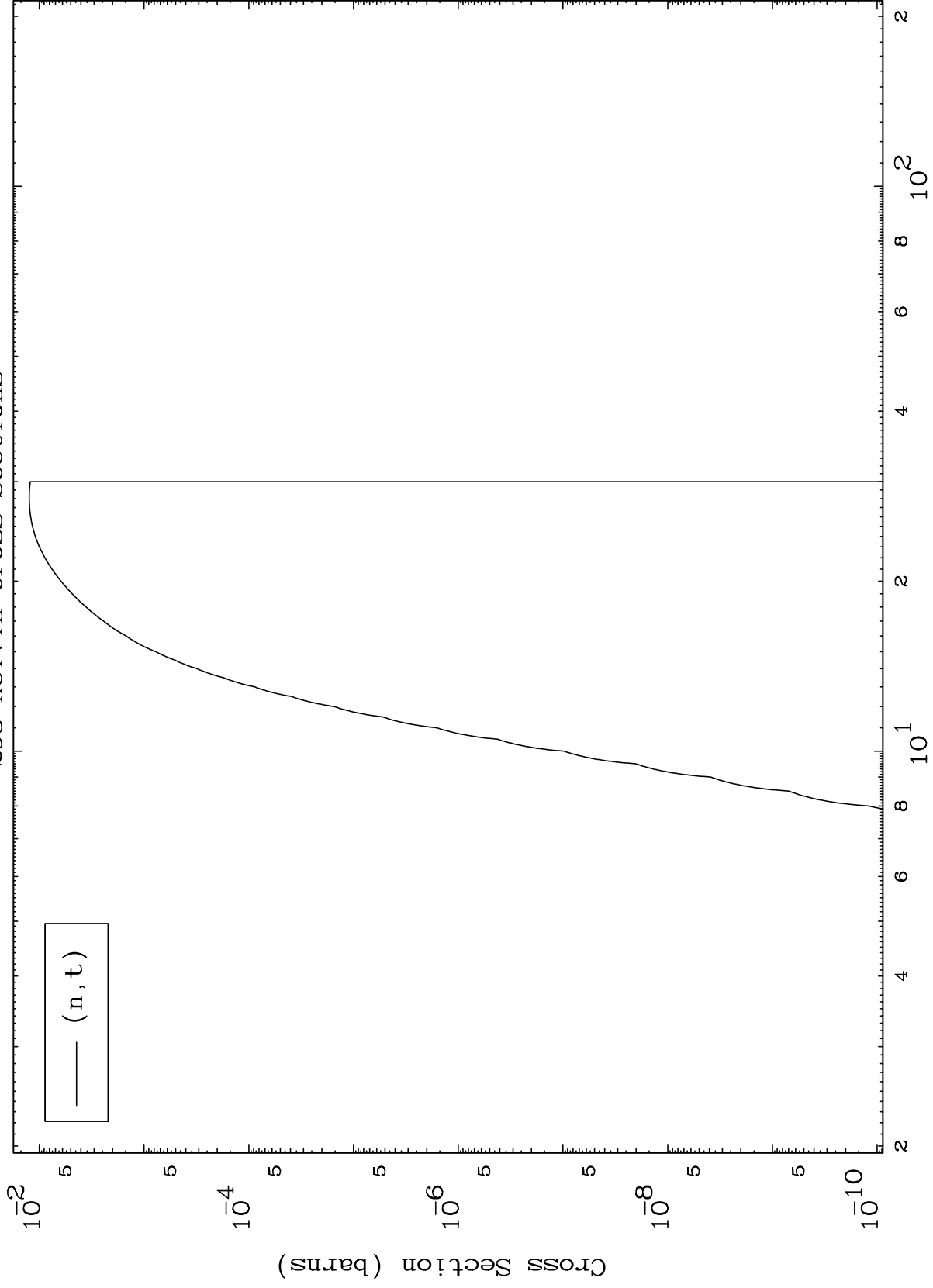
Incident Energy (MeV)

69-Tm-162

MAT 6905

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-162



11

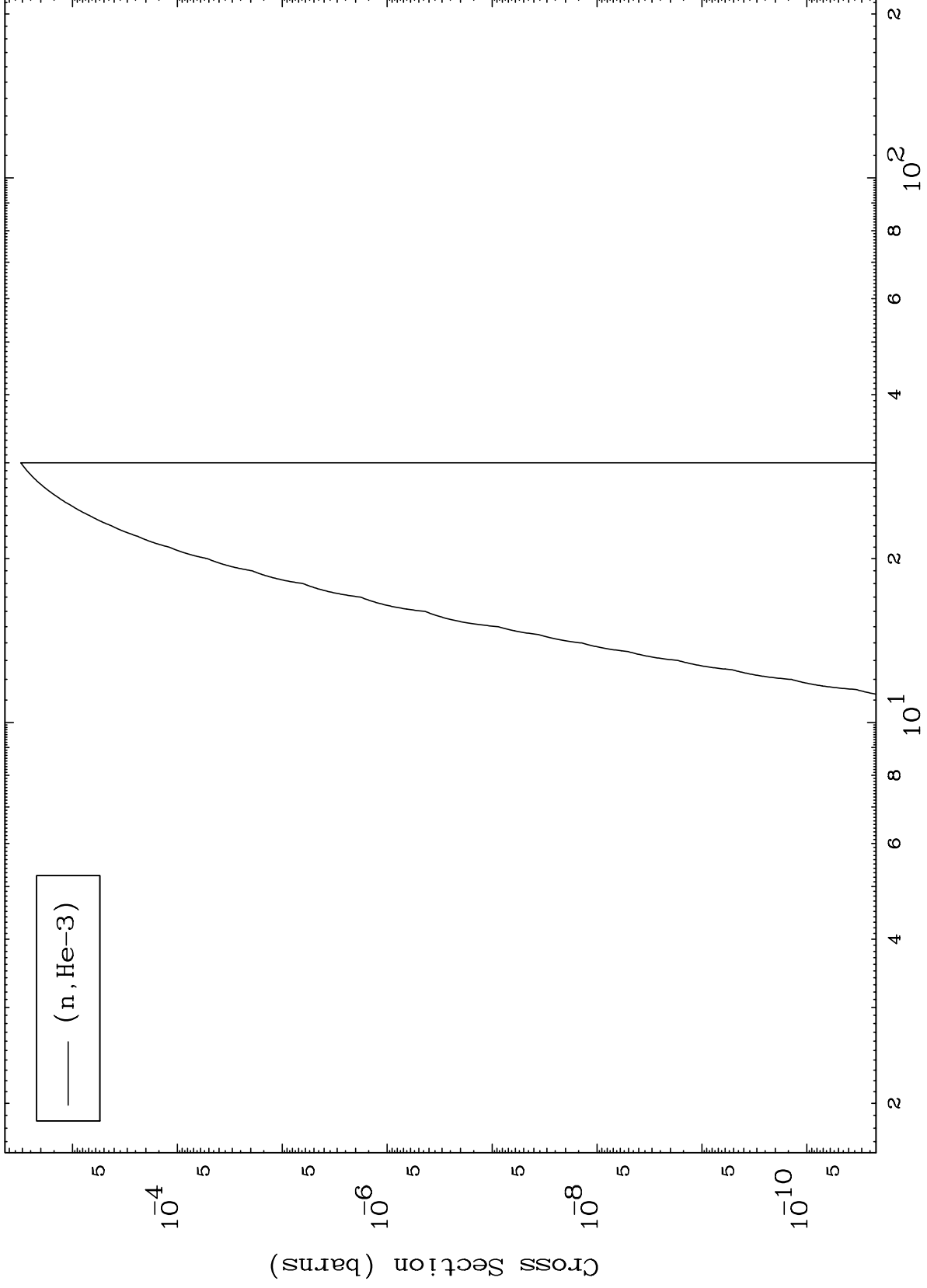
Incident Energy (MeV)

69-Tm-162

MAT 6905

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-162



12

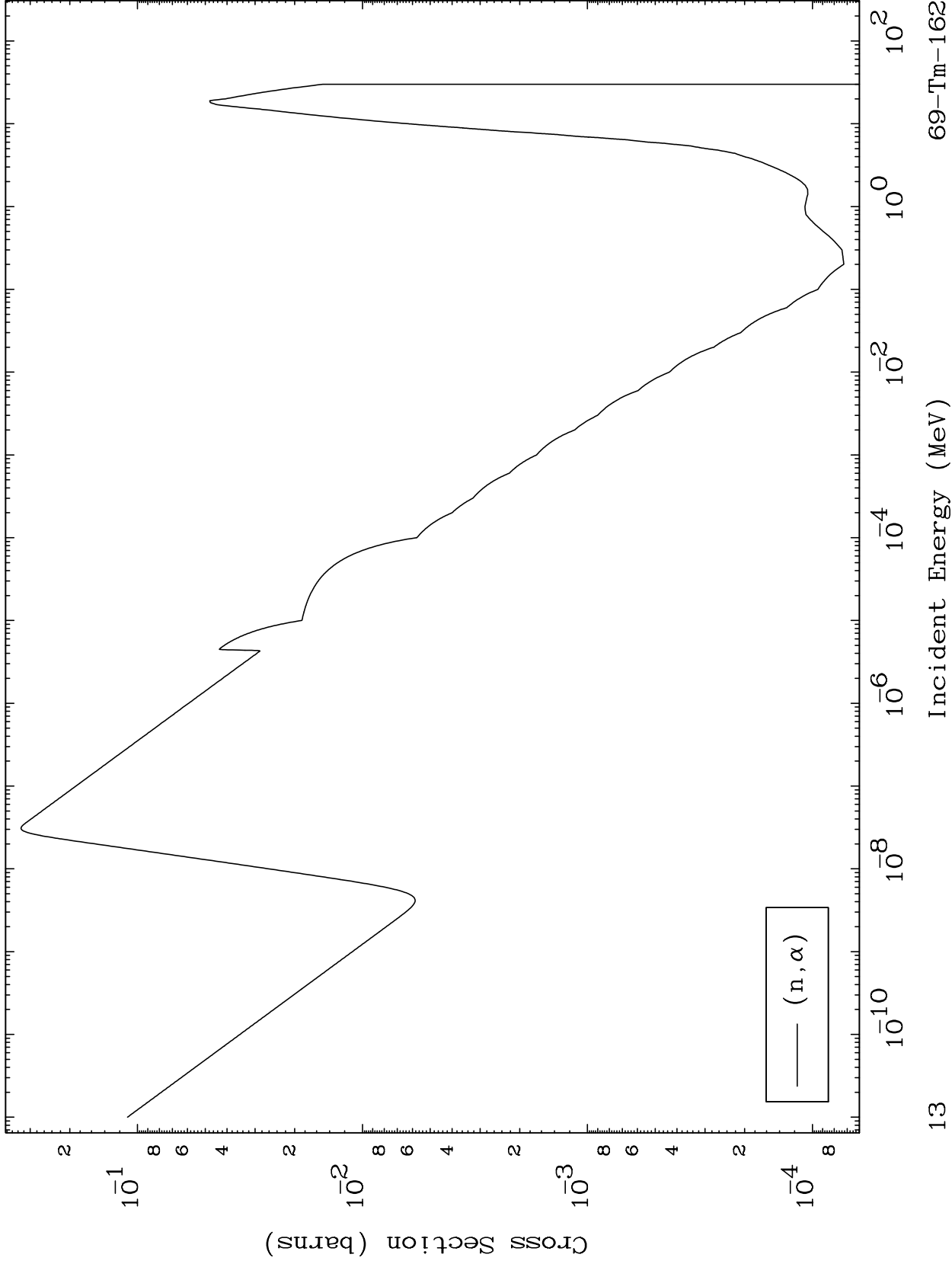
Incident Energy (MeV)

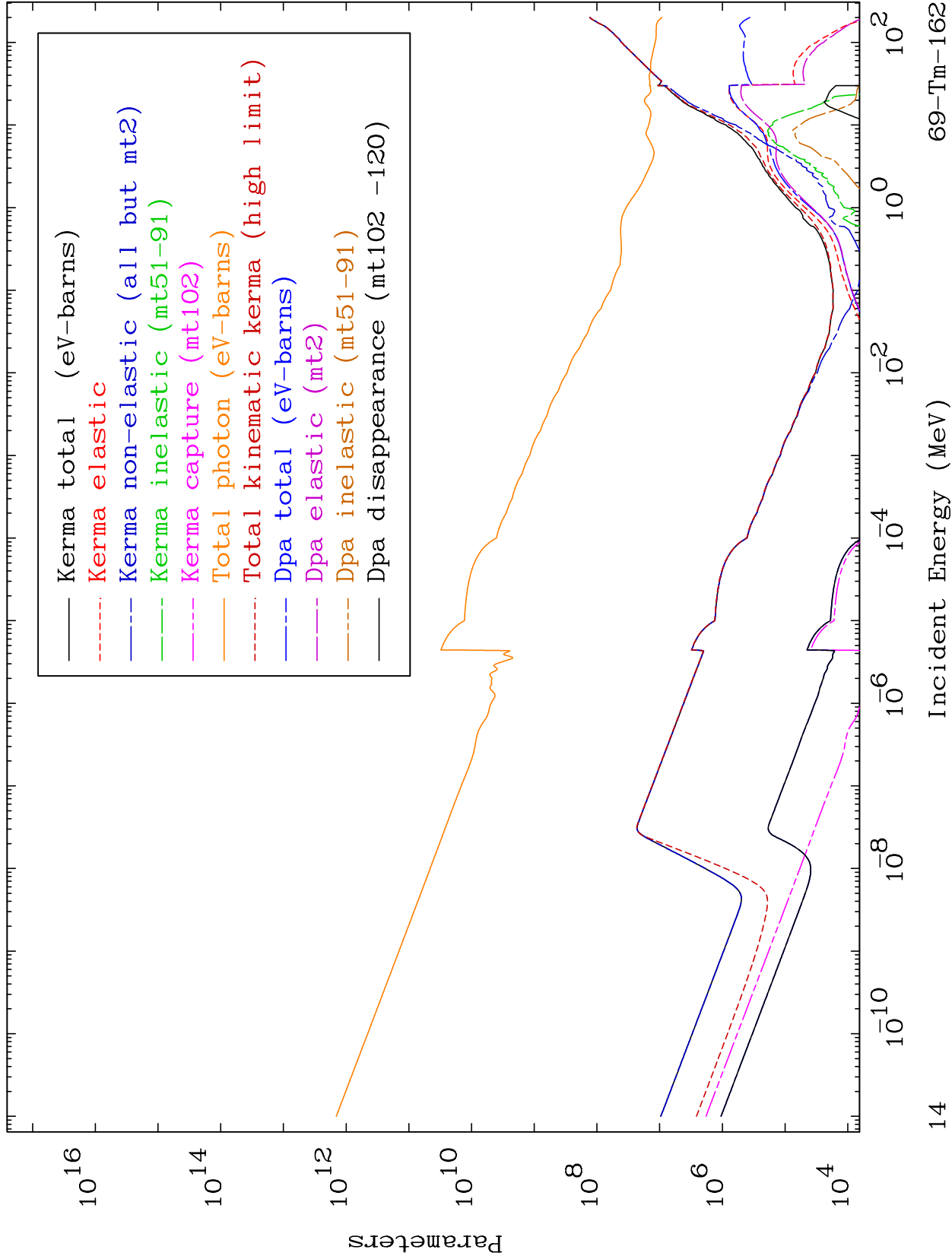
69-Tm-162

MAT 6905

(n,α) Levels
293 Kelvin Cross Sections

69-Tm-162

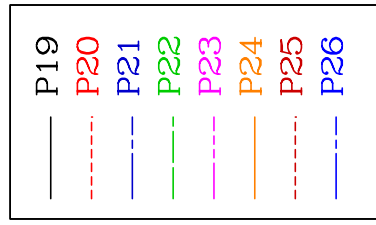




MAT 6905

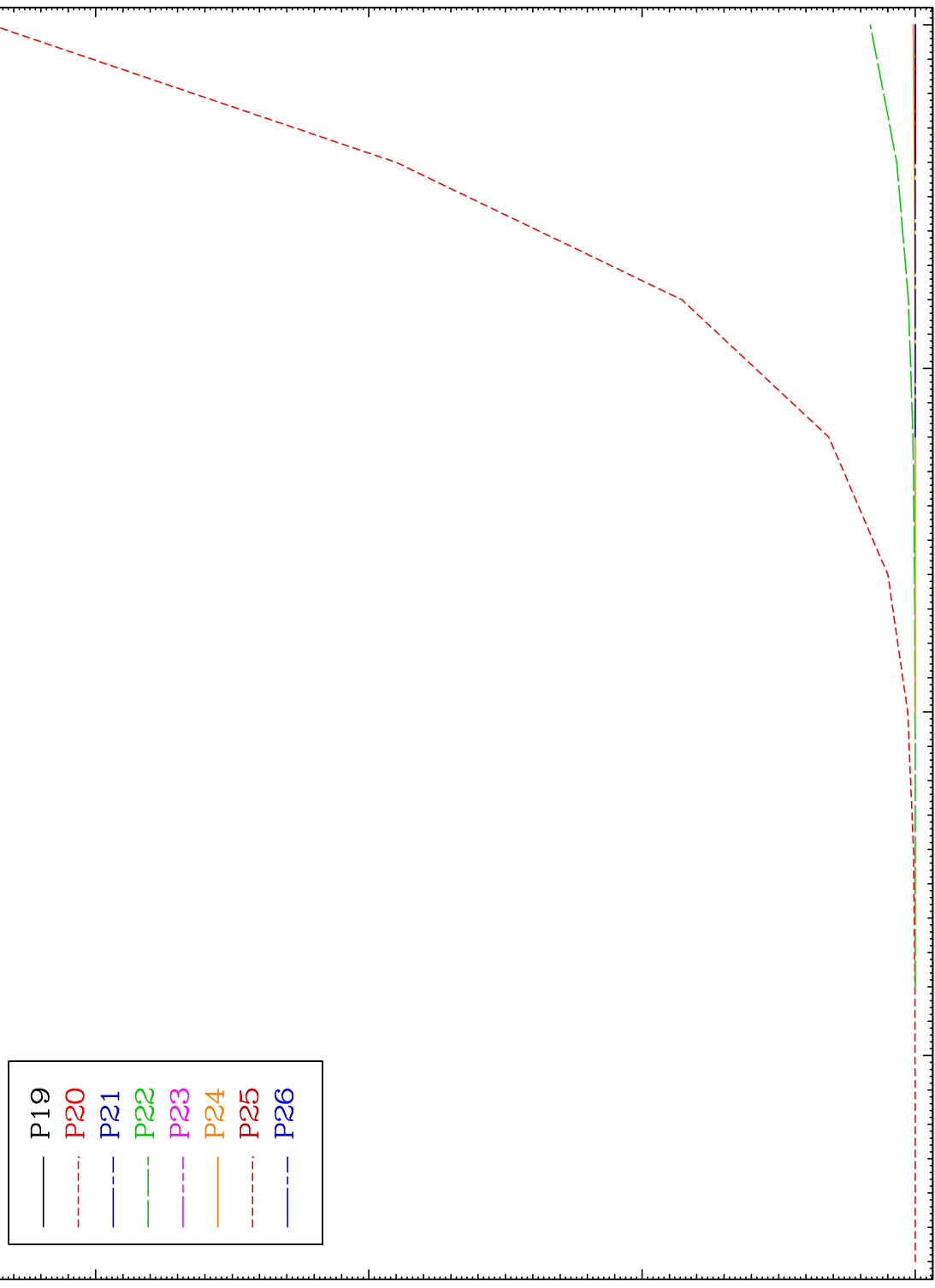
Elastic
Legendre Coefficients

69-Tm-162



$\times 10^{-6}$

Legendre (CM)



17

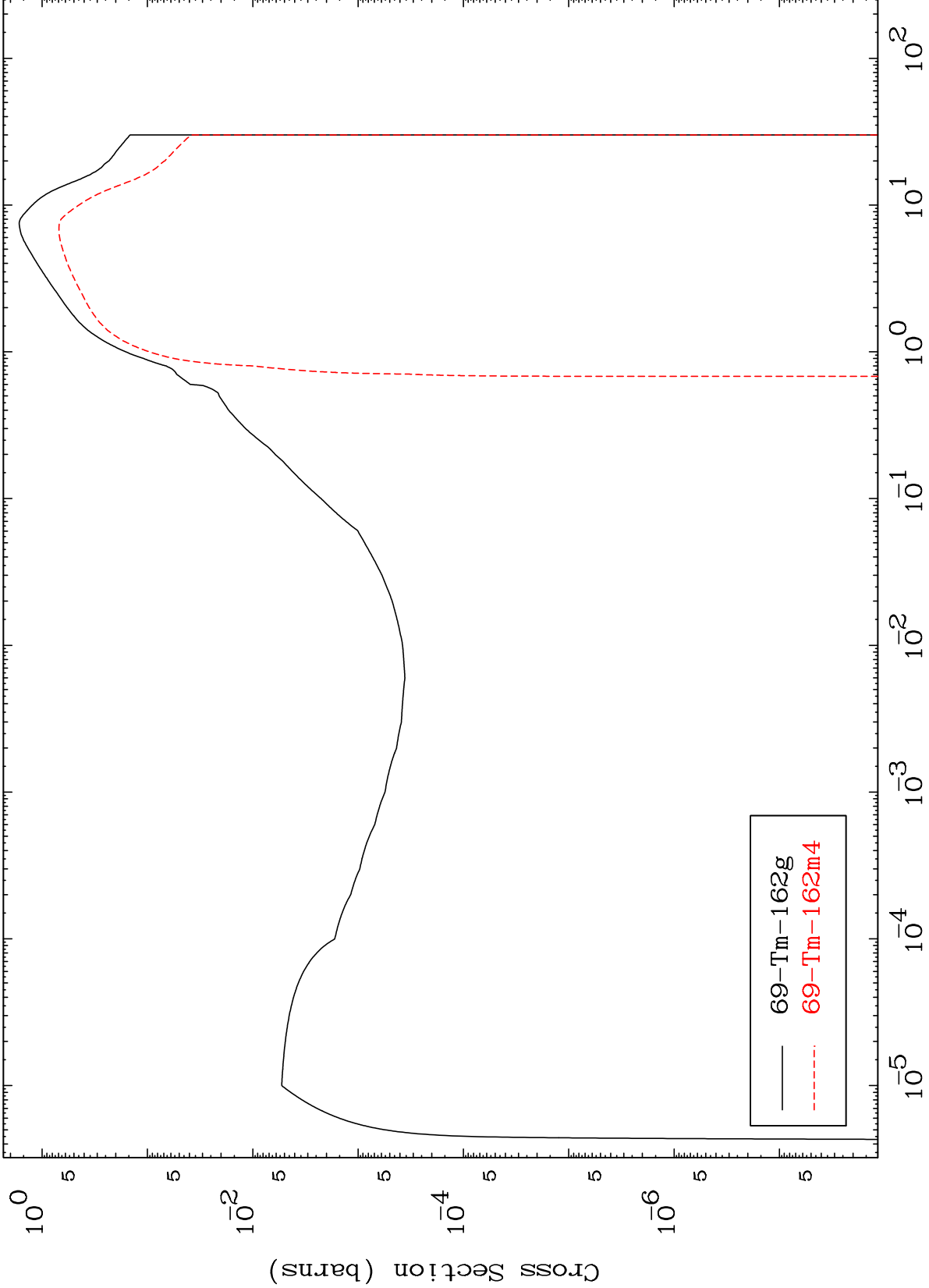
Incident Energy (MeV)

69-Tm-162

MAT 6905

Inelastic
Radionuclide Production Cross Section

69-Tm-162



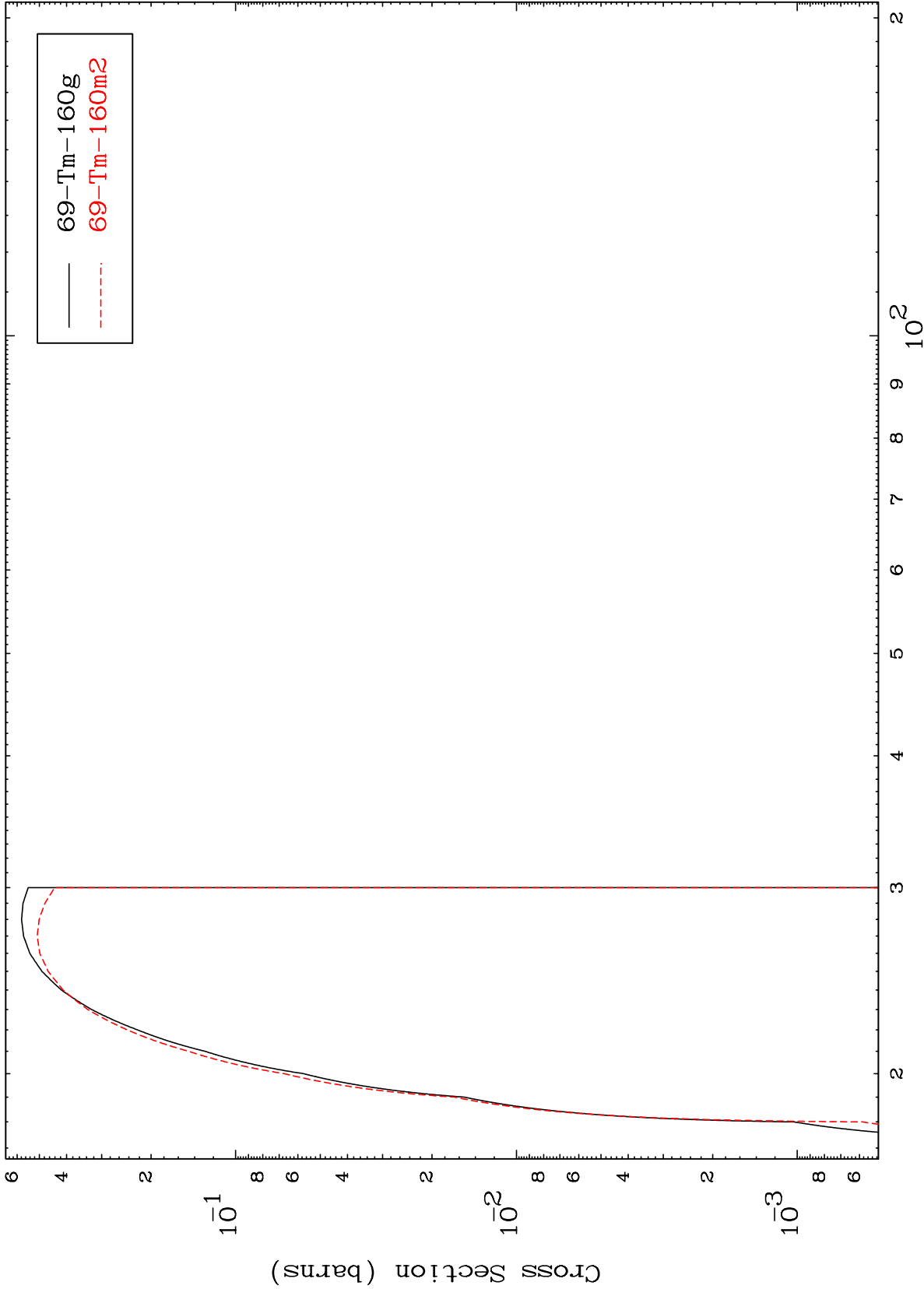
69-Tm-162g
69-Tm-162m4

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(n,3n)

69-Tm-162

Radionuclide Production Cross Section



19

Incident Energy (MeV)

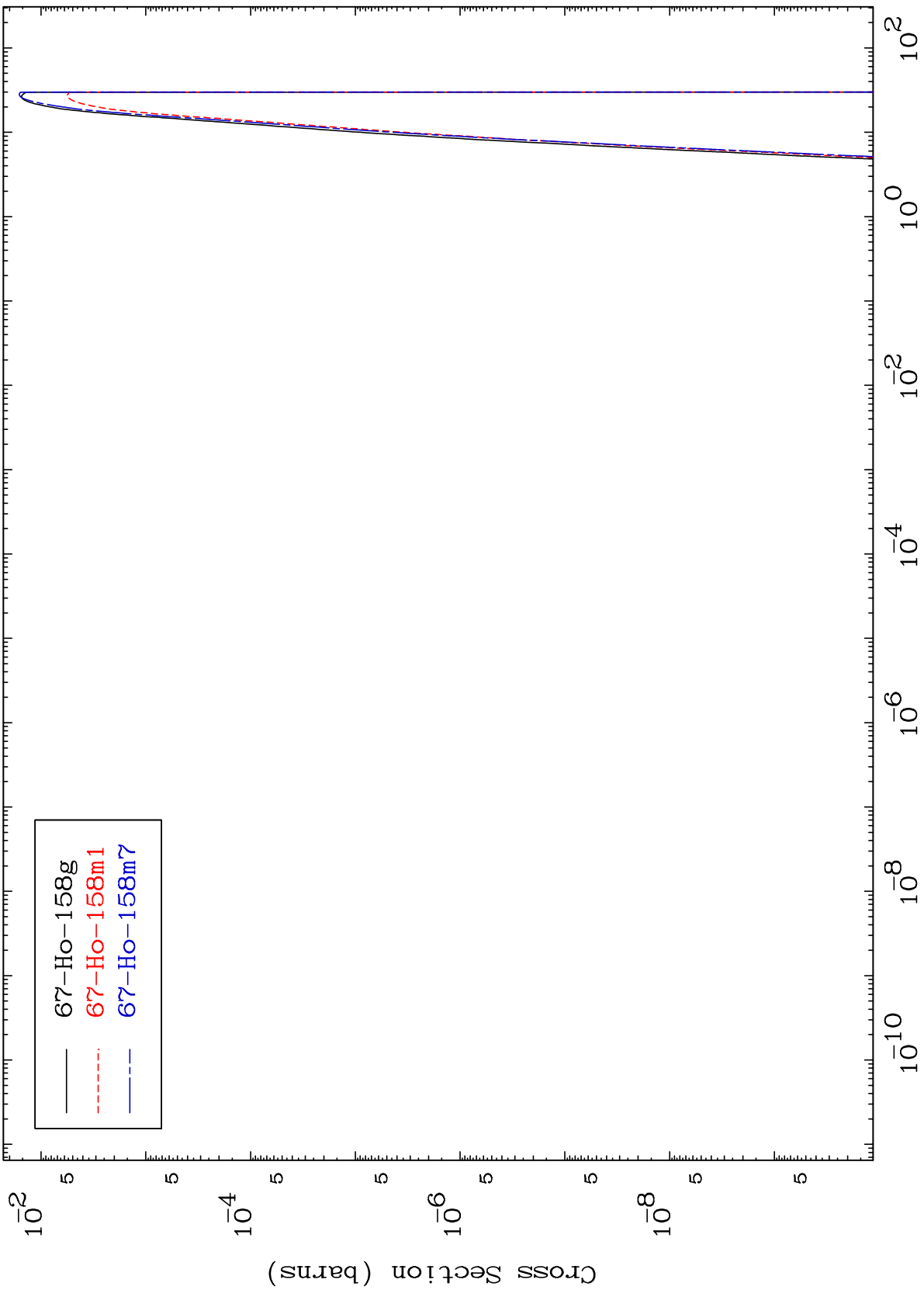
69-Tm-162

MAT 6905

$(n, n') \alpha$

69-Tm-162

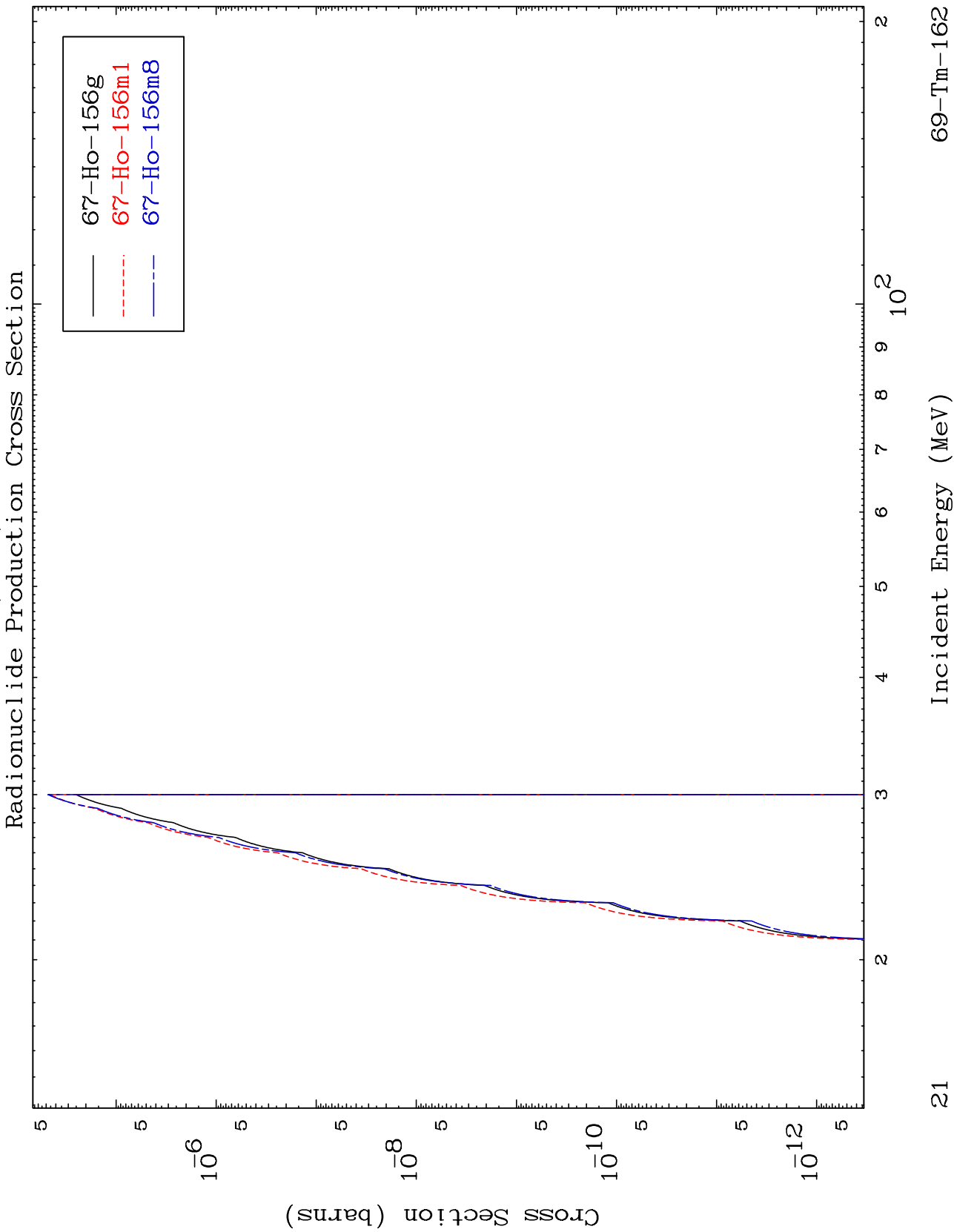
Radionuclide Production Cross Section



20

Incident Energy (MeV)

69-Tm-162

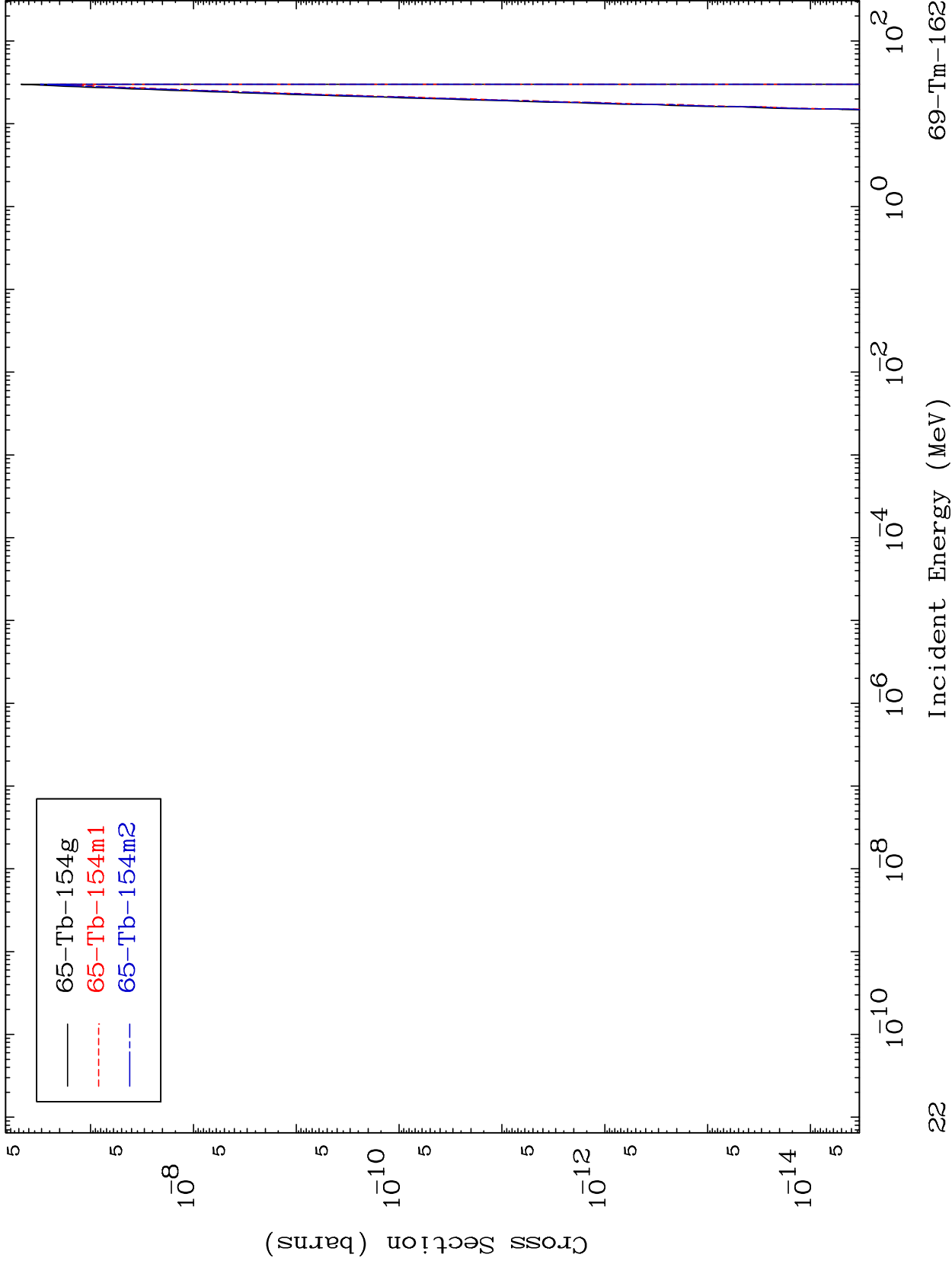


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(n,n') 2α

69-Tm-162

Radionuclide Production Cross Section



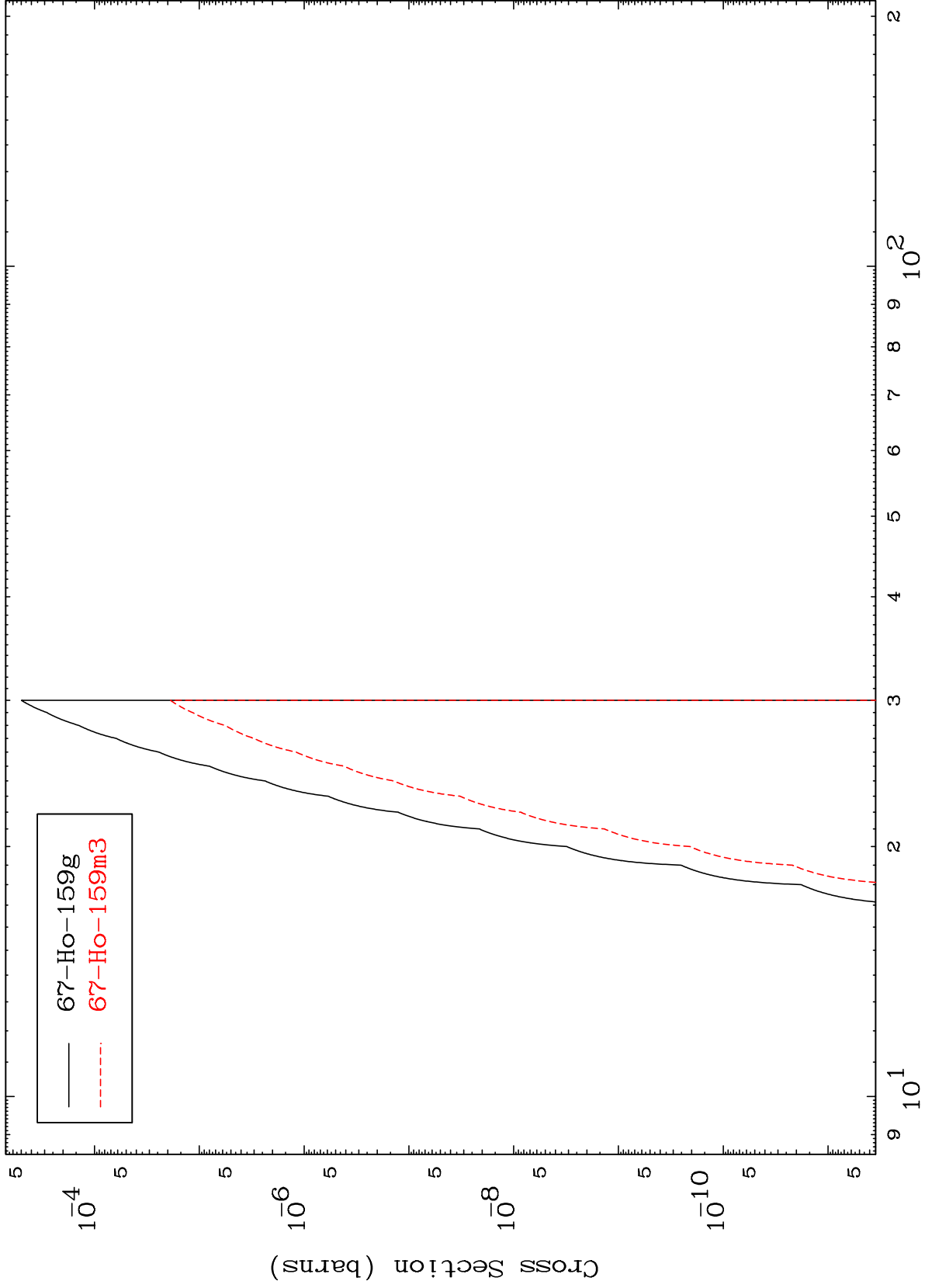
22

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(n,n') He-3

69-Tm-162

Radionuclide Production Cross Section



23

Incident Energy (MeV)

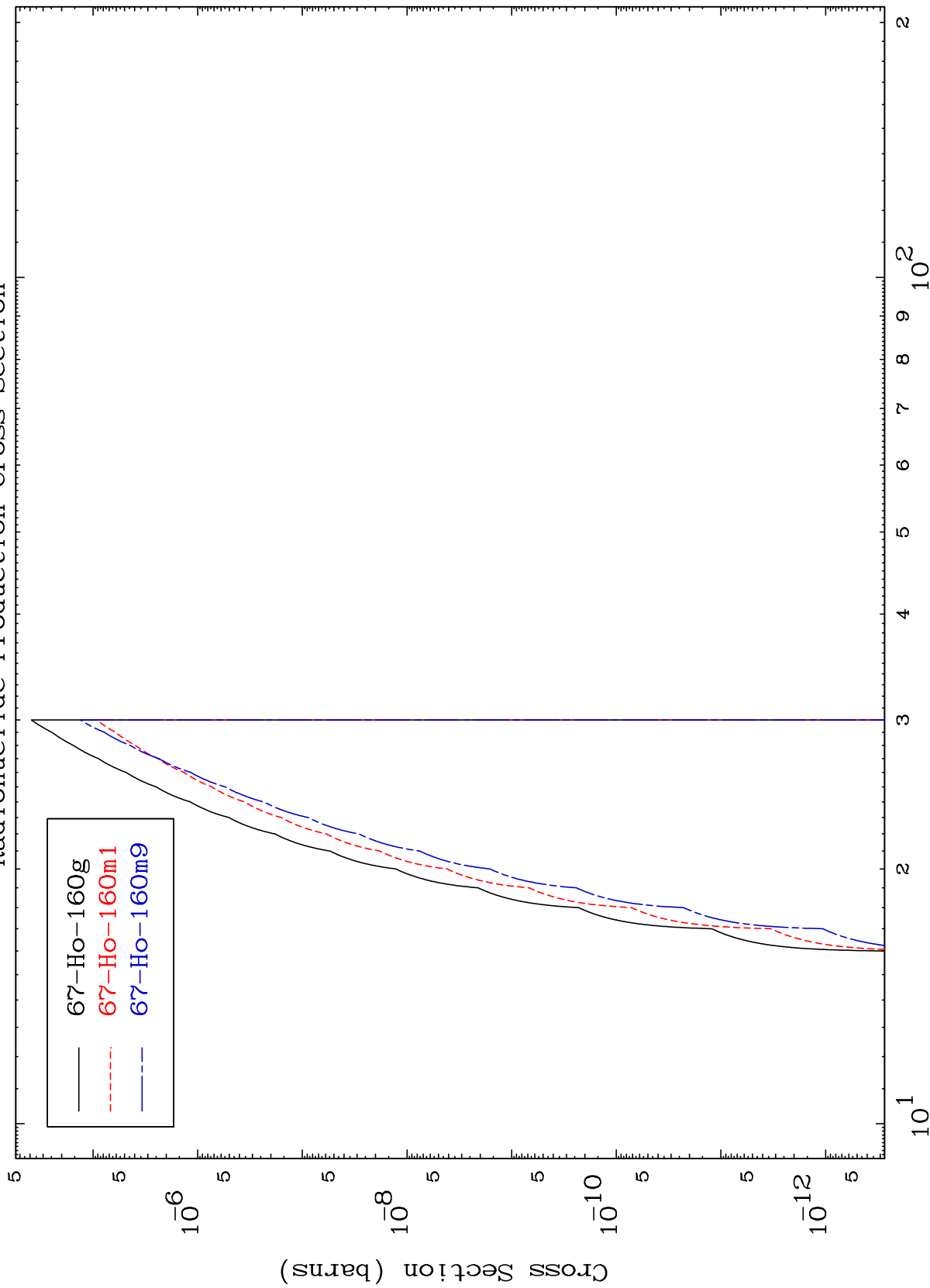
69-Tm-162

MAT 6905

(n,2n) p

69-Tm-162

Radionuclide Production Cross Section



24

Incident Energy (MeV)

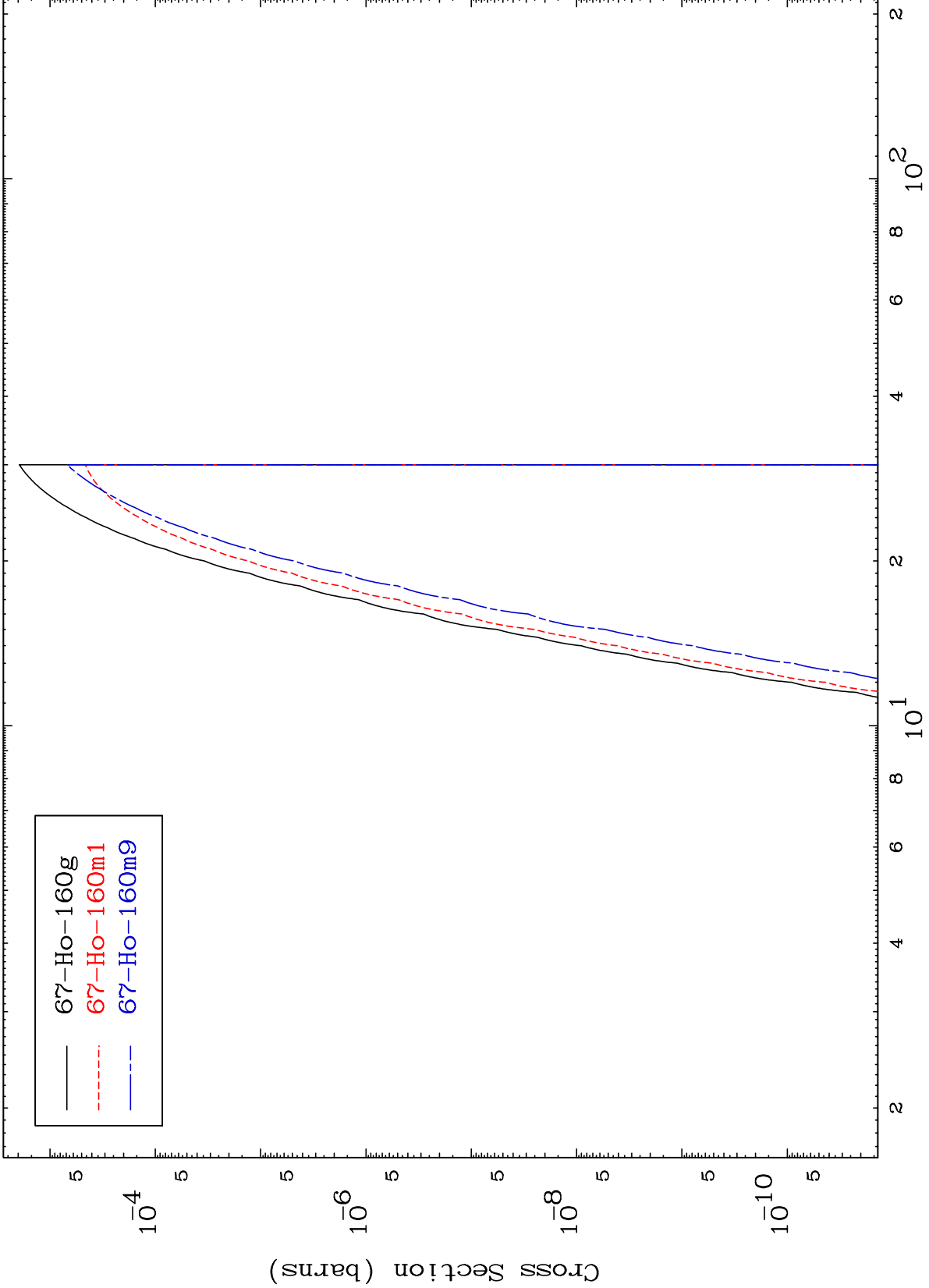
69-Tm-162

MAT 6905

(n,He-3)

69-Tm-162

Radionuclide Production Cross Section



25

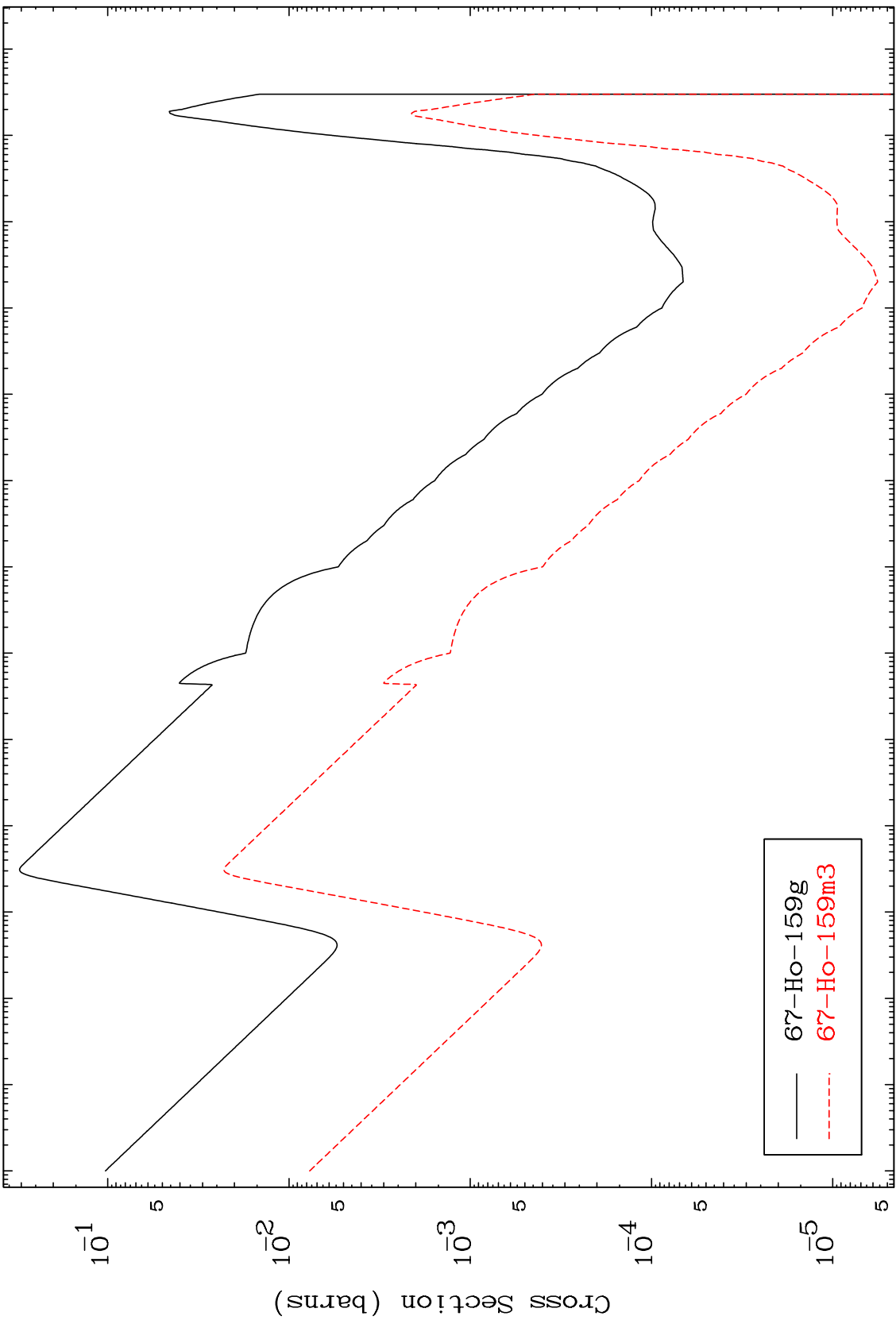
Incident Energy (MeV)

69-Tm-162

MAT 6905

69-Tm-162

Radionuclide Production Cross Section (n,α)



69-Tm-162

10⁻¹⁰

10⁻⁸

10⁻⁶

10⁻⁴

10⁻²

10⁰

10²

Incident Energy (MeV)

69-Tm-162

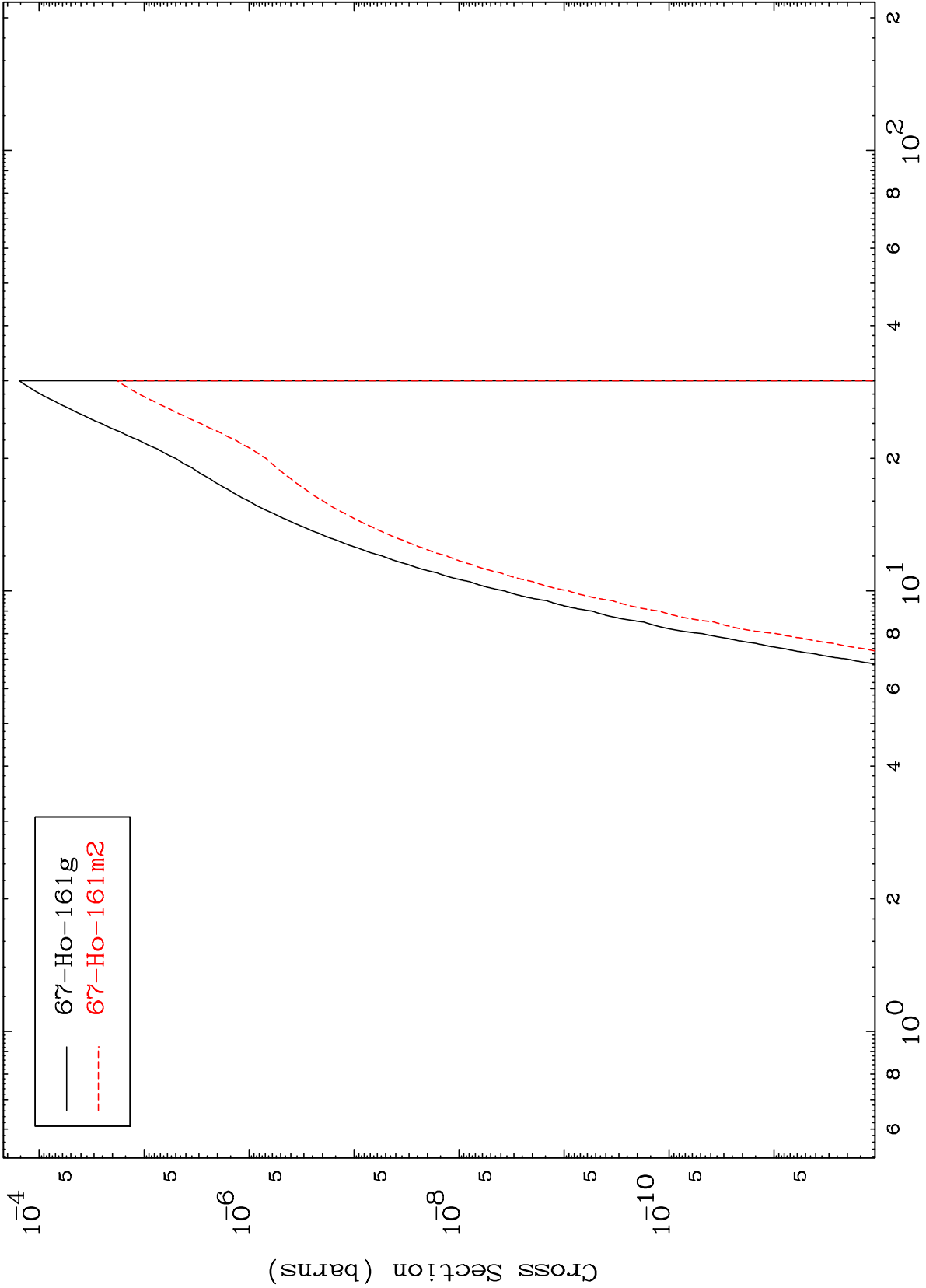
26

MAT 6905

(n,2p)

69-Tm-162

Radionuclide Production Cross Section



27

Incident Energy (MeV)

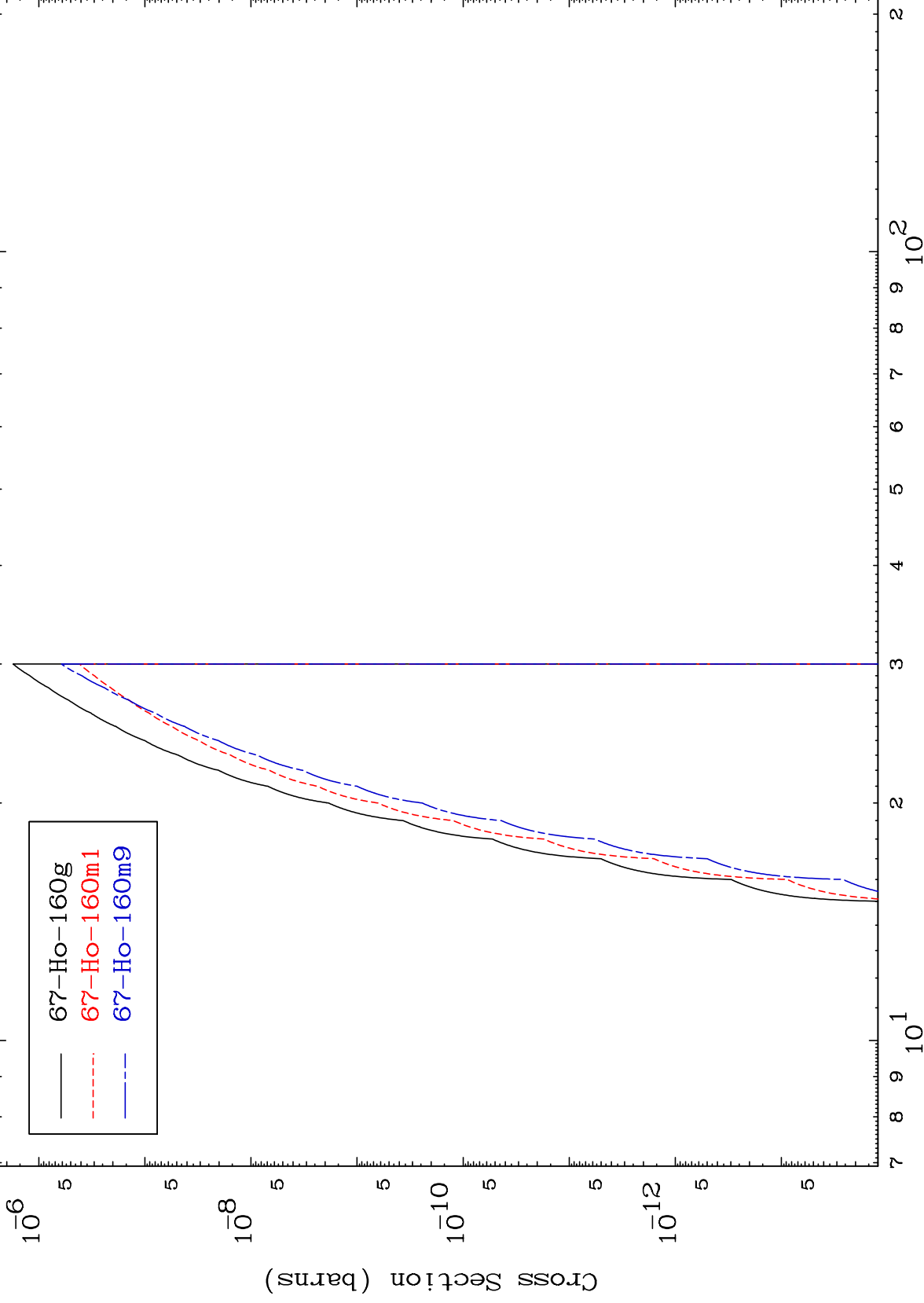
69-Tm-162

MAT 6905

(n,p) d

69-Tm-162

Radionuclide Production Cross Section



28

Incident Energy (MeV)

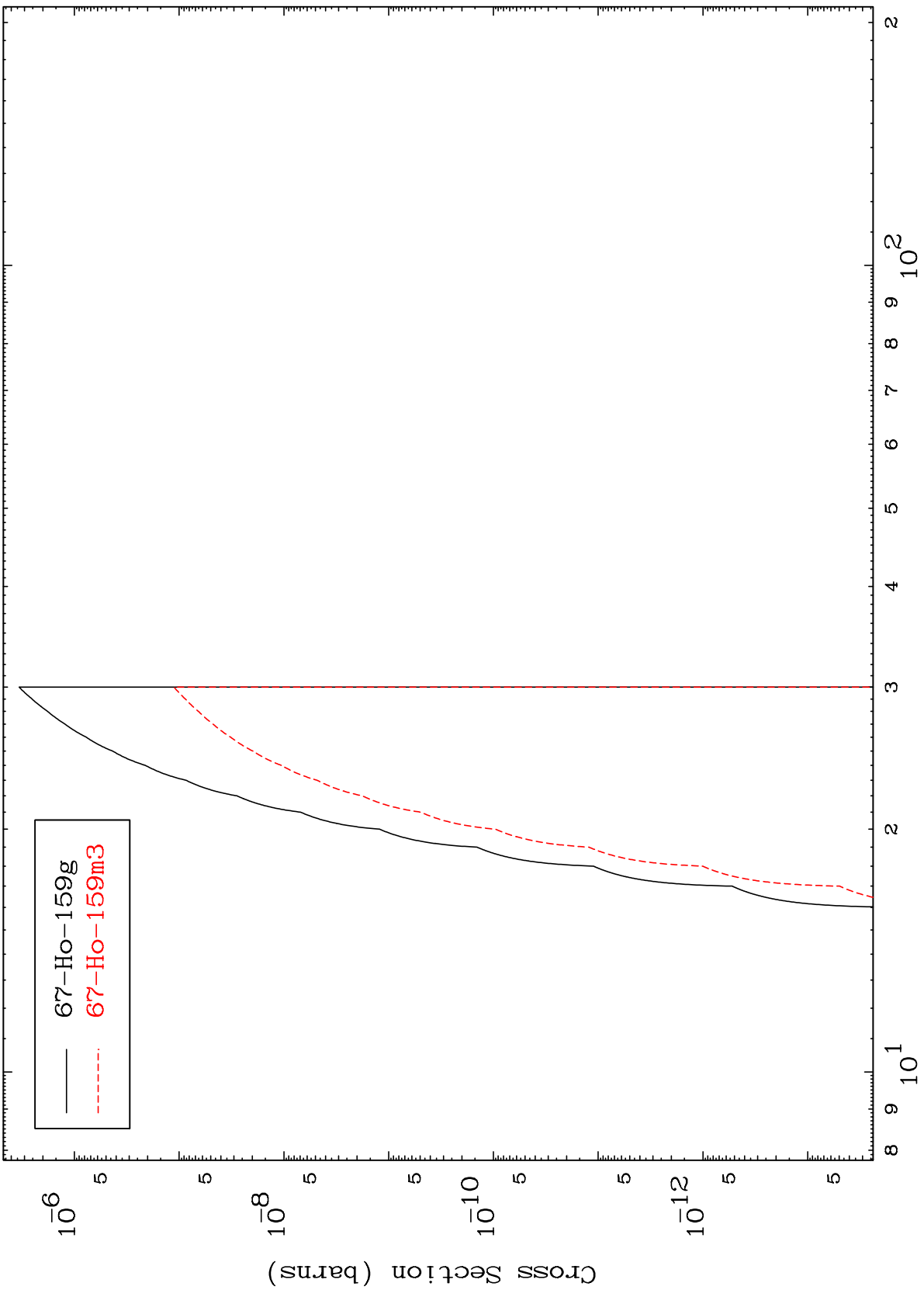
69-Tm-162

MAT 6905

(n,p) t

69-Tm-162

Radionuclide Production Cross Section



29

Incident Energy (MeV)

69-Tm-162