

Program EVALPLOT
(Version 2021-1)

by

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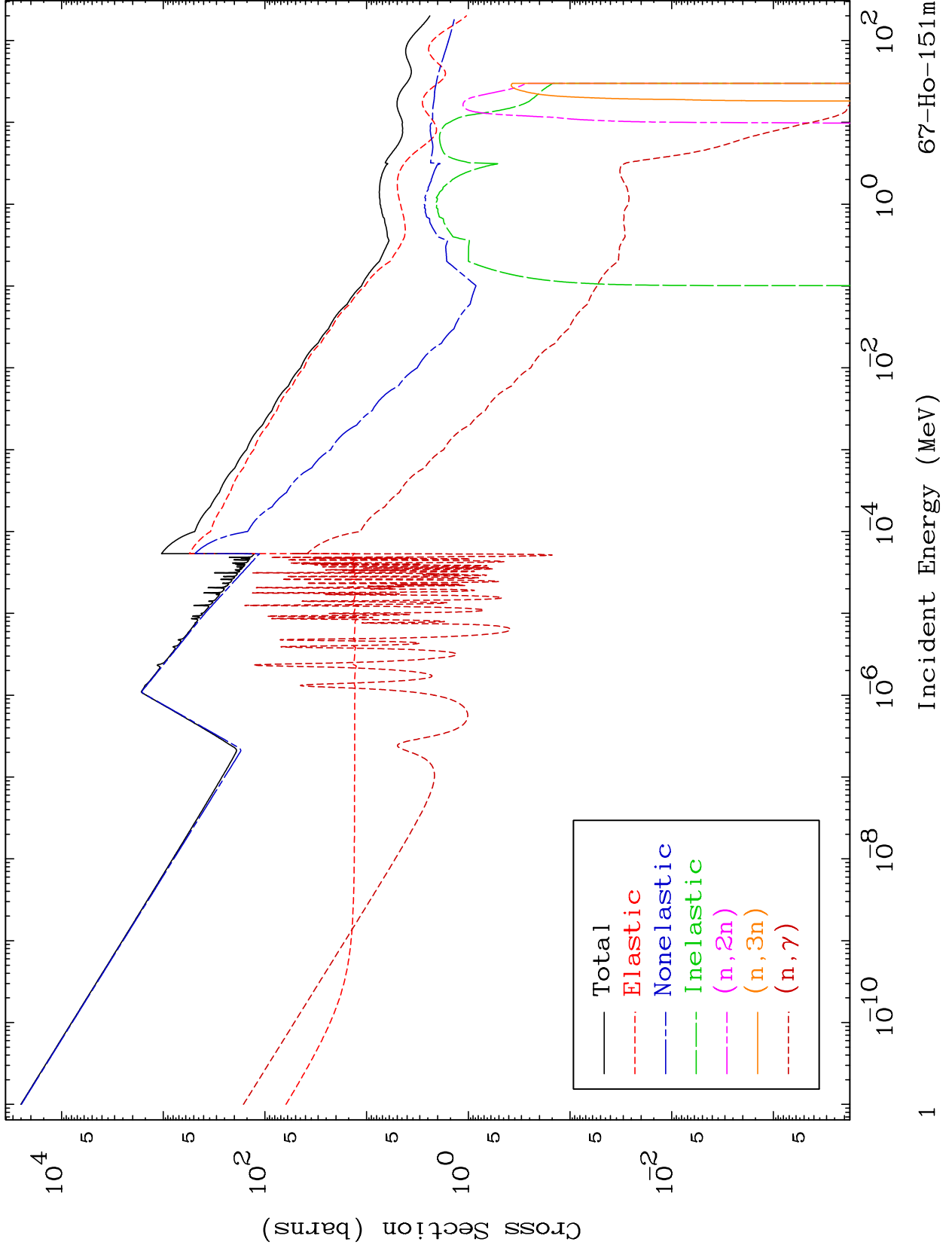
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6684

Neutron Major
293 Kelvin Cross Sections

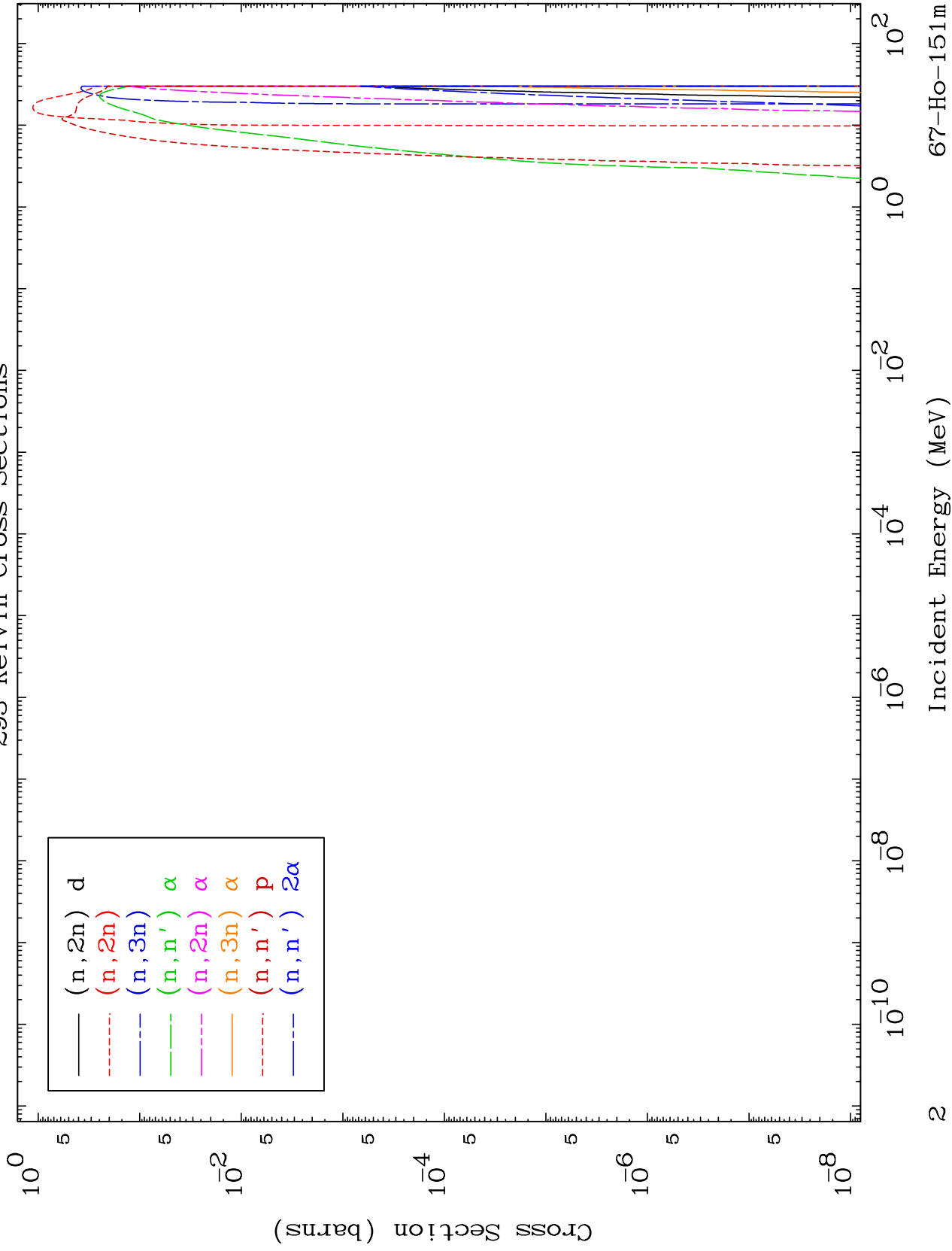
67-Ho-151m



MAT 6684

Neutron Absorption
293 Kelvin Cross Sections

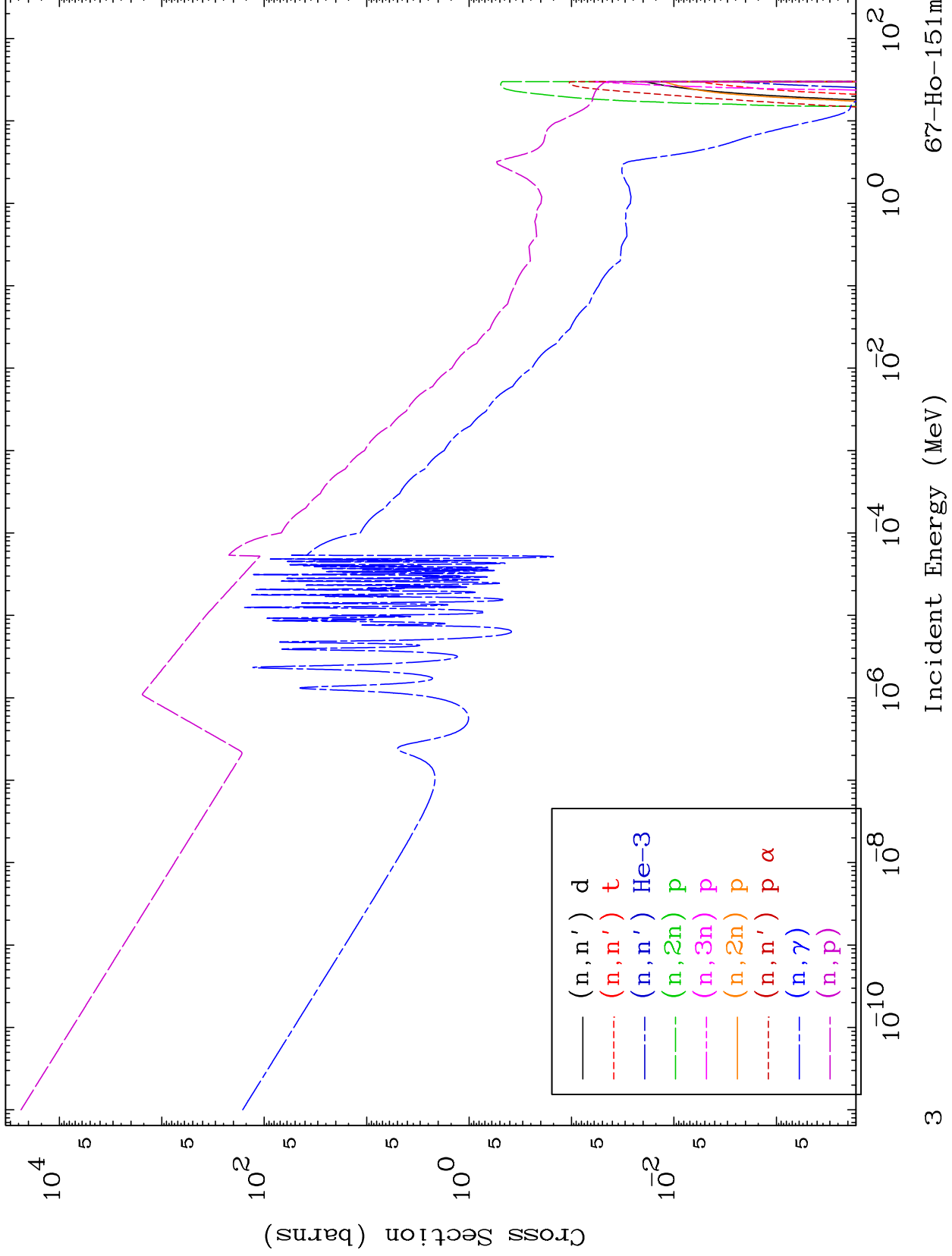
67-Ho-151m



MAT 6684

Neutron Absorption
293 Kelvin Cross Sections

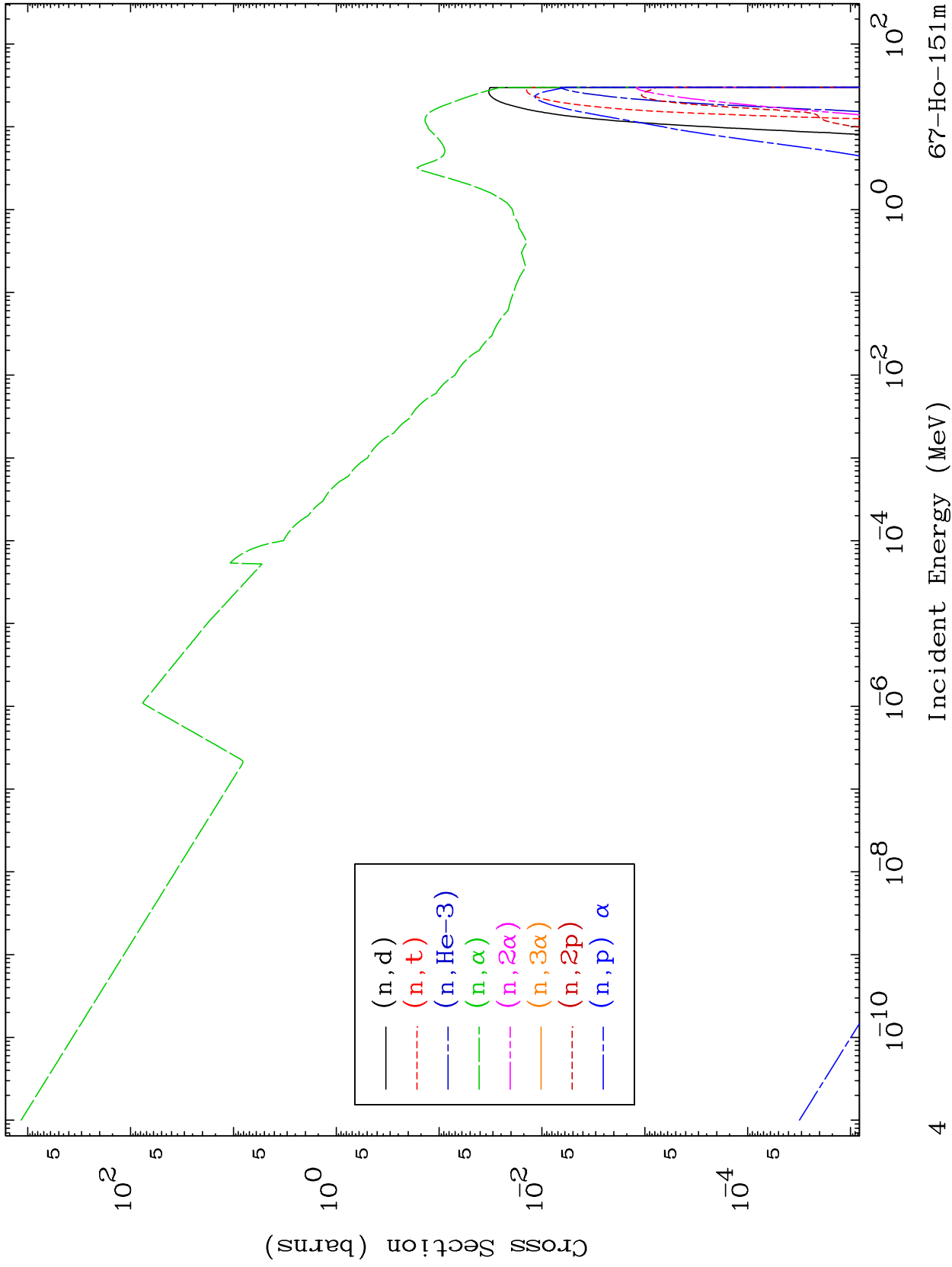
67-Ho-151m



MAT 6684

Neutron Absorption
293 Kelvin Cross Sections

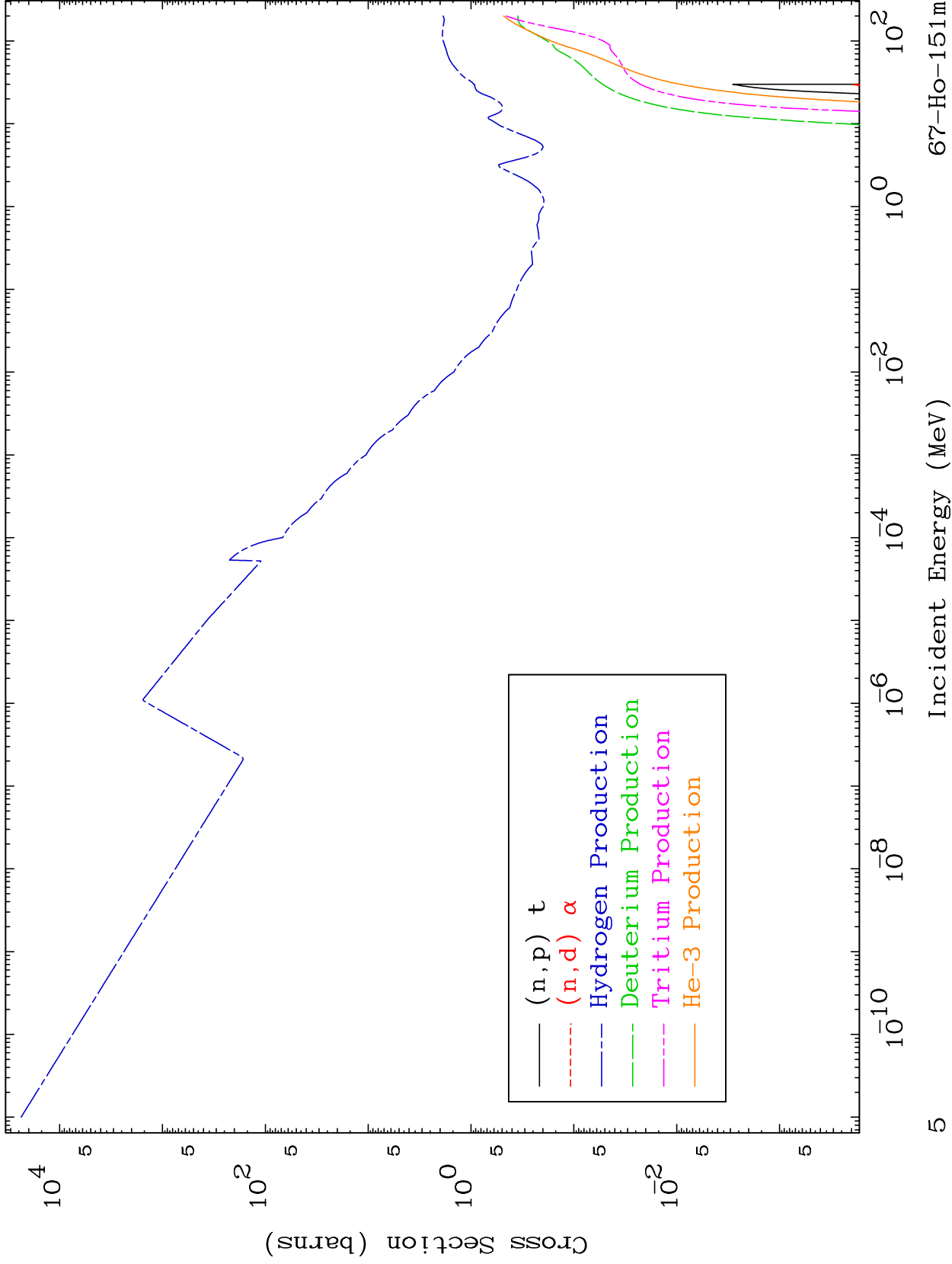
67-Ho-151m



MAT 6684

Neutron Absorption
293 Kelvin Cross Sections

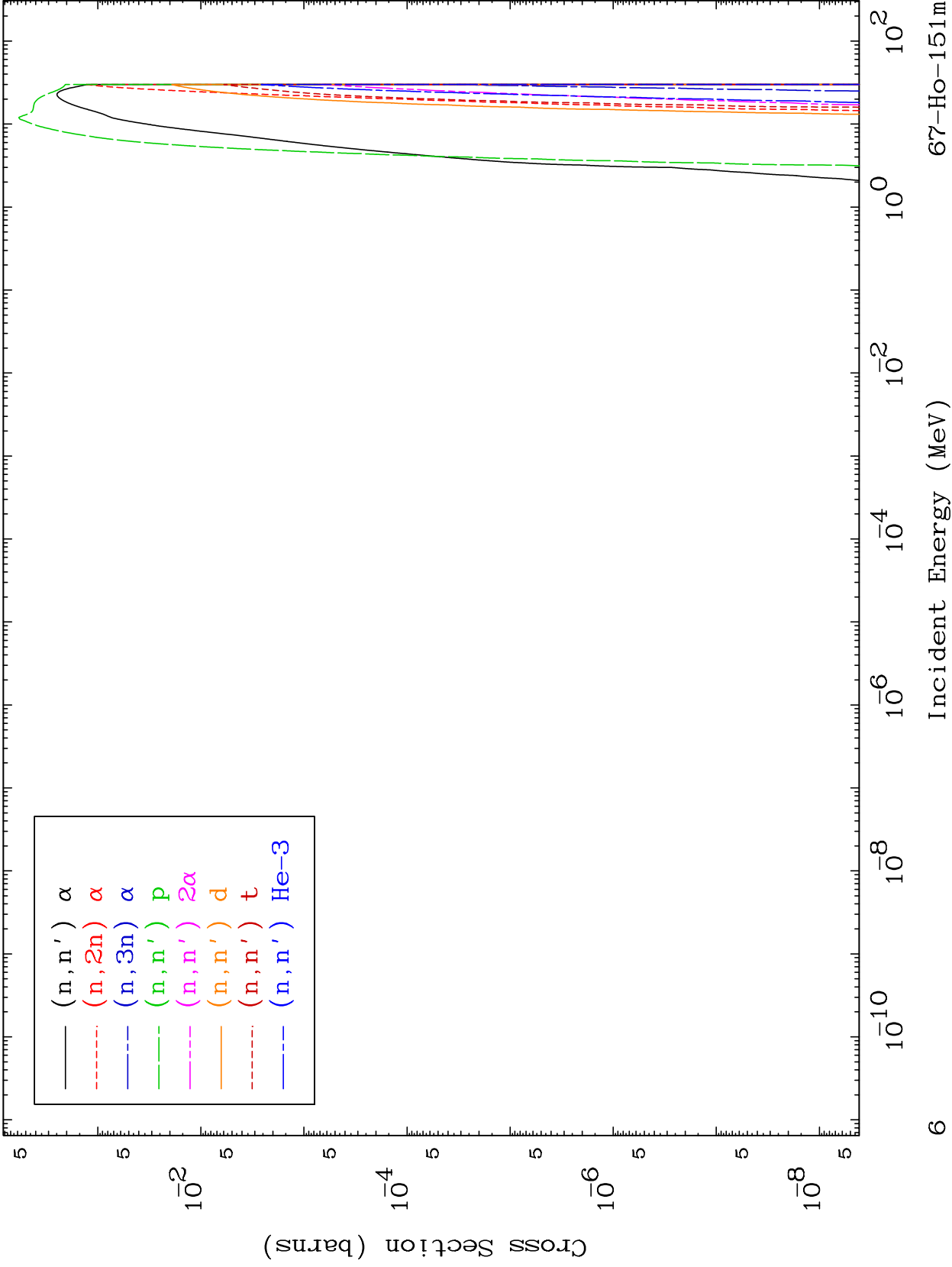
67-Ho-151m



MAT 6684

Charged Particle
293 Kelvin Cross Sections

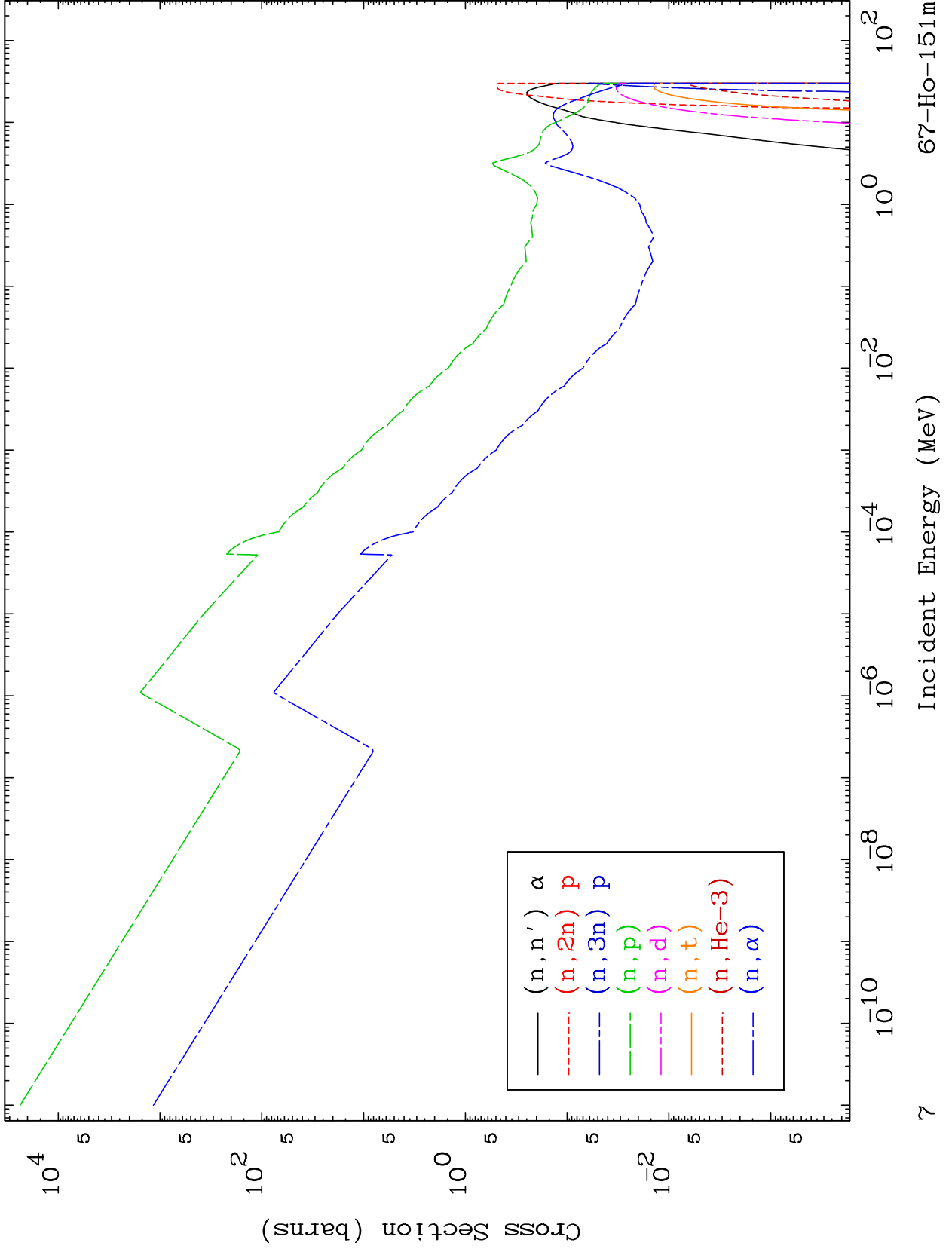
67-Ho-151m



MAT 6684

Charged Particle
293 Kelvin Cross Sections

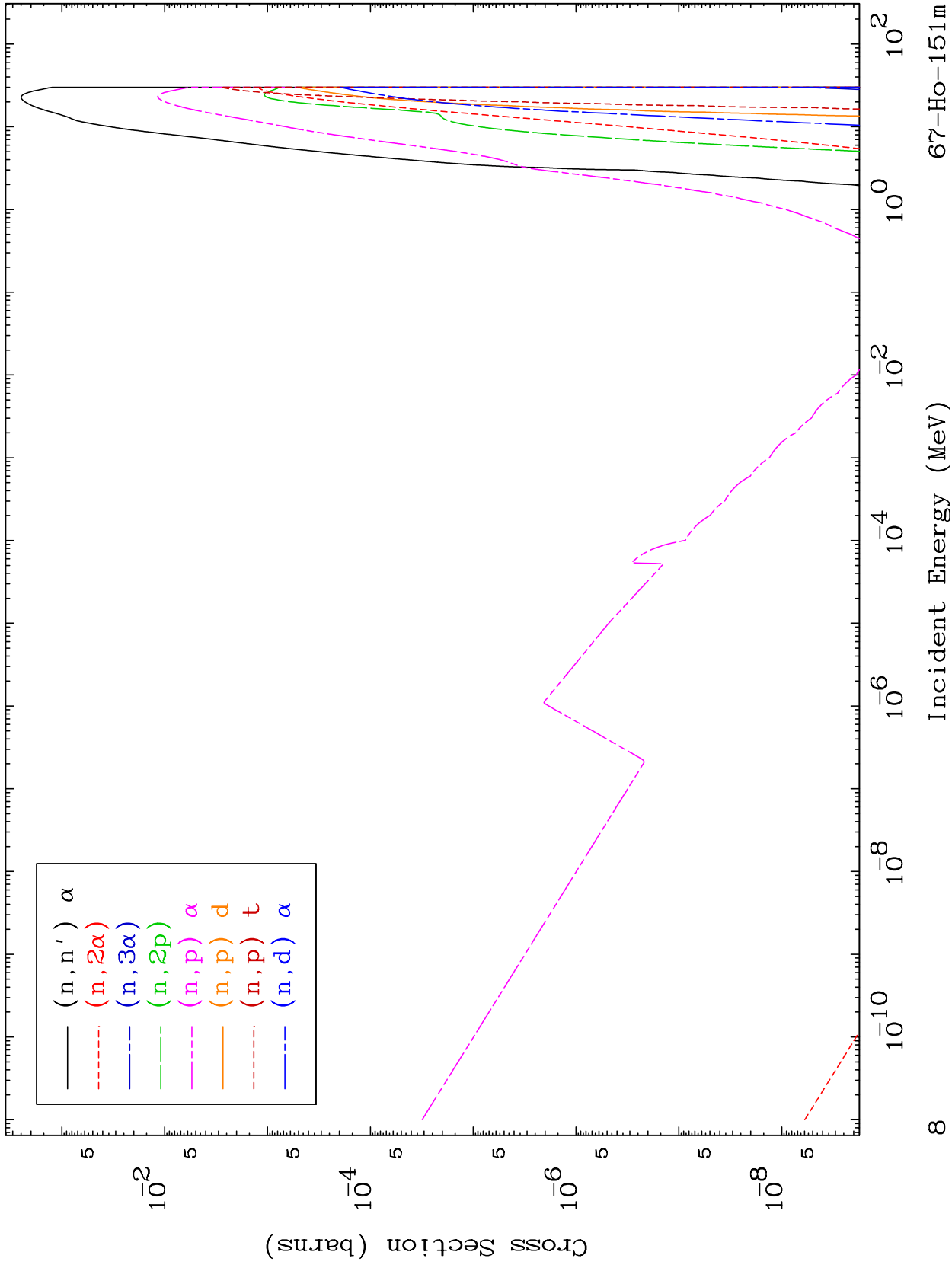
67-Ho-151m



MAT 6684

Charged Particle
293 Kelvin Cross Sections

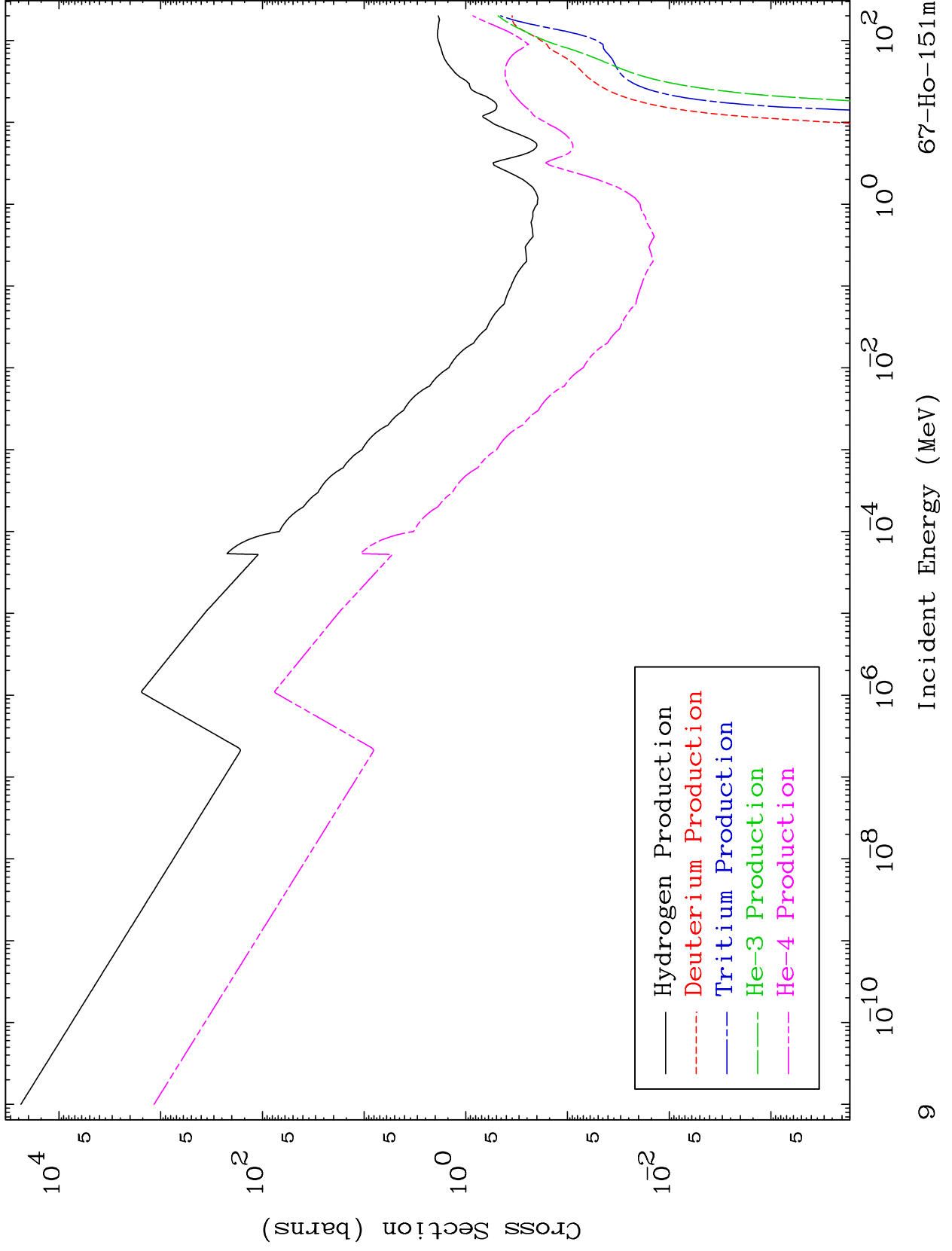
67-Ho-151m



MAT 6684

Particle Production
293 Kelvin Cross Sections

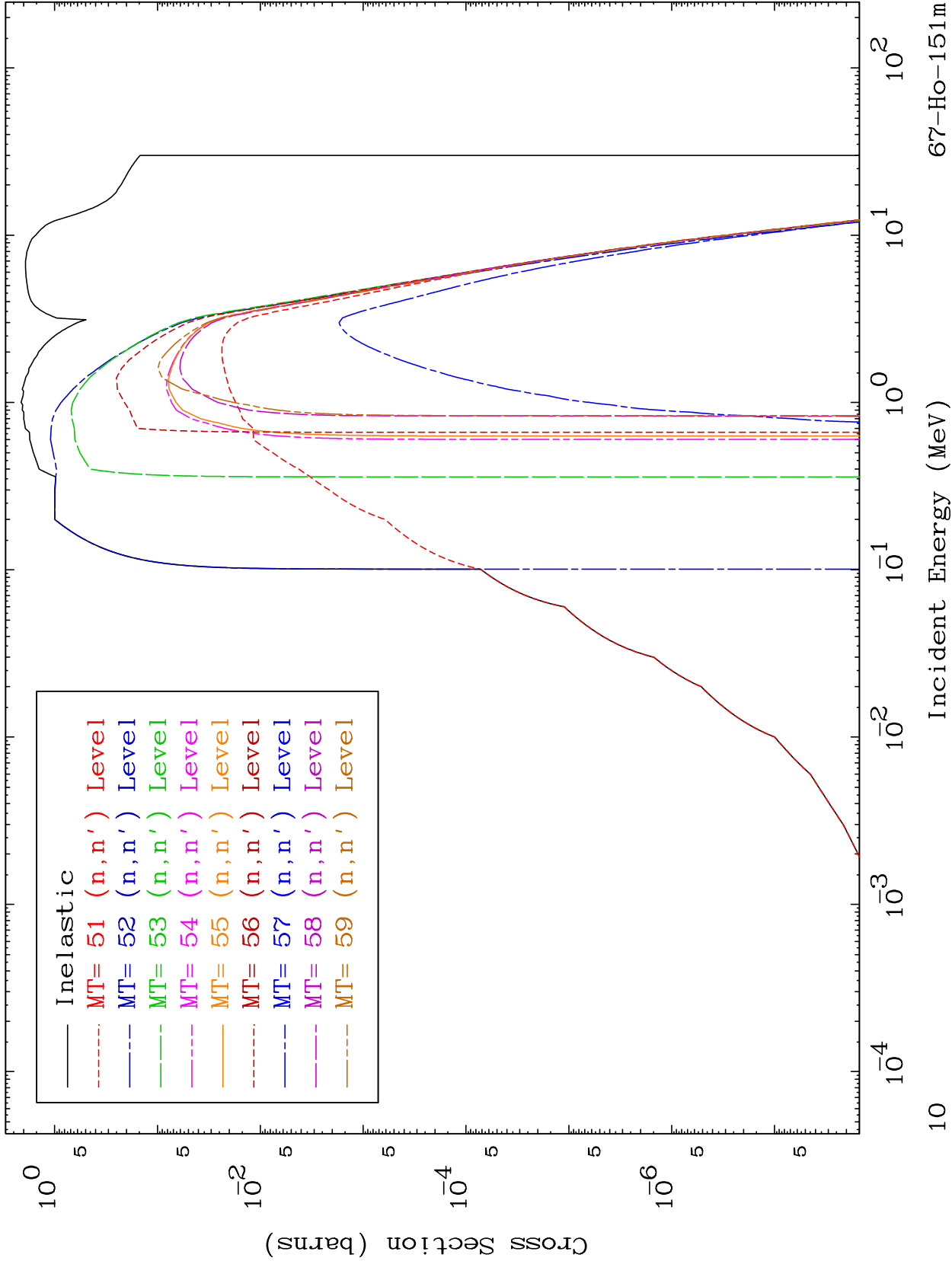
67-Ho-151m



MAT 6684

293 Kelvin Cross Sections

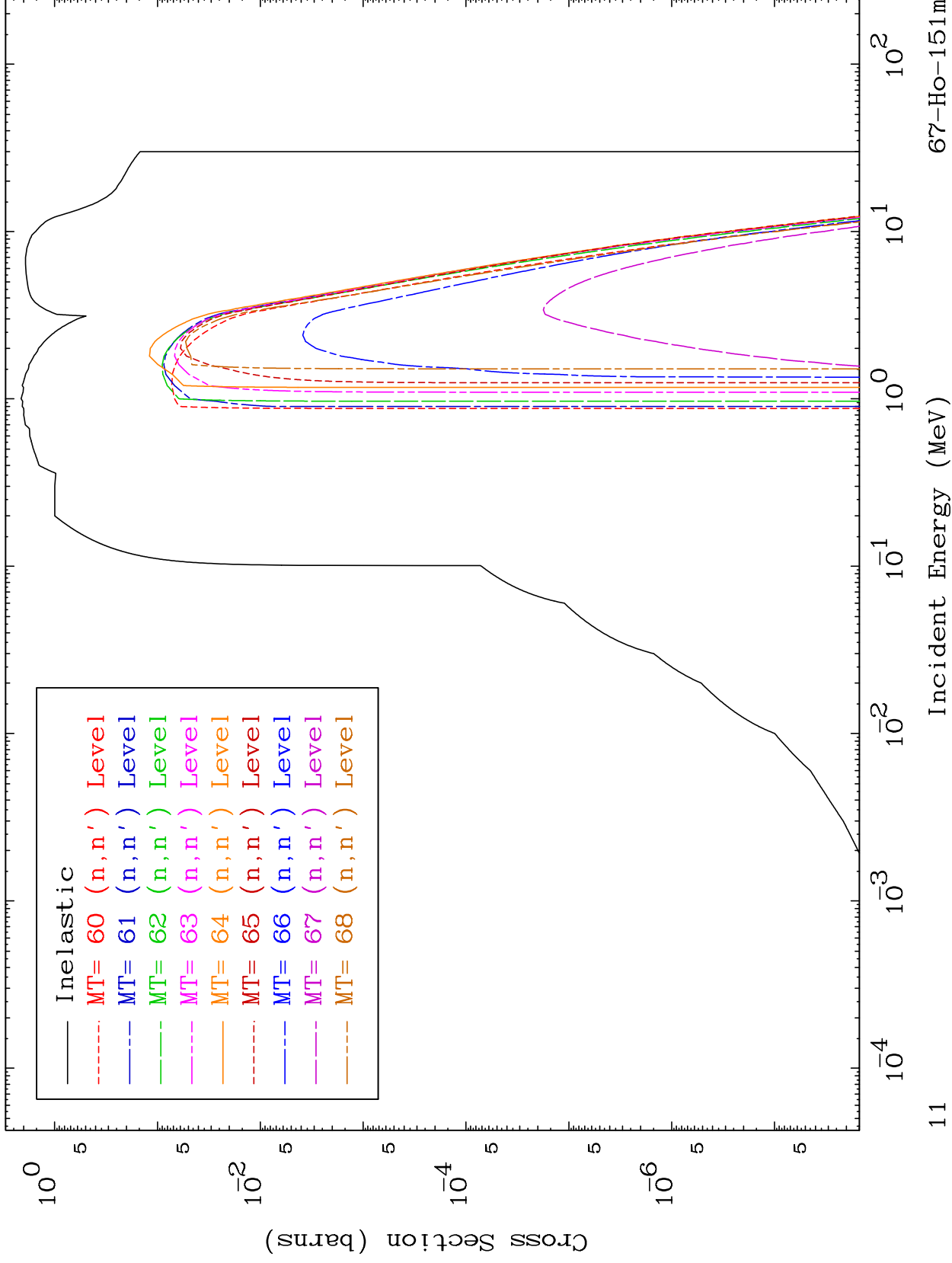
67-Ho-151m



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293 Kelvin Cross Sections
(n,n') Levels

67-Ho-151m

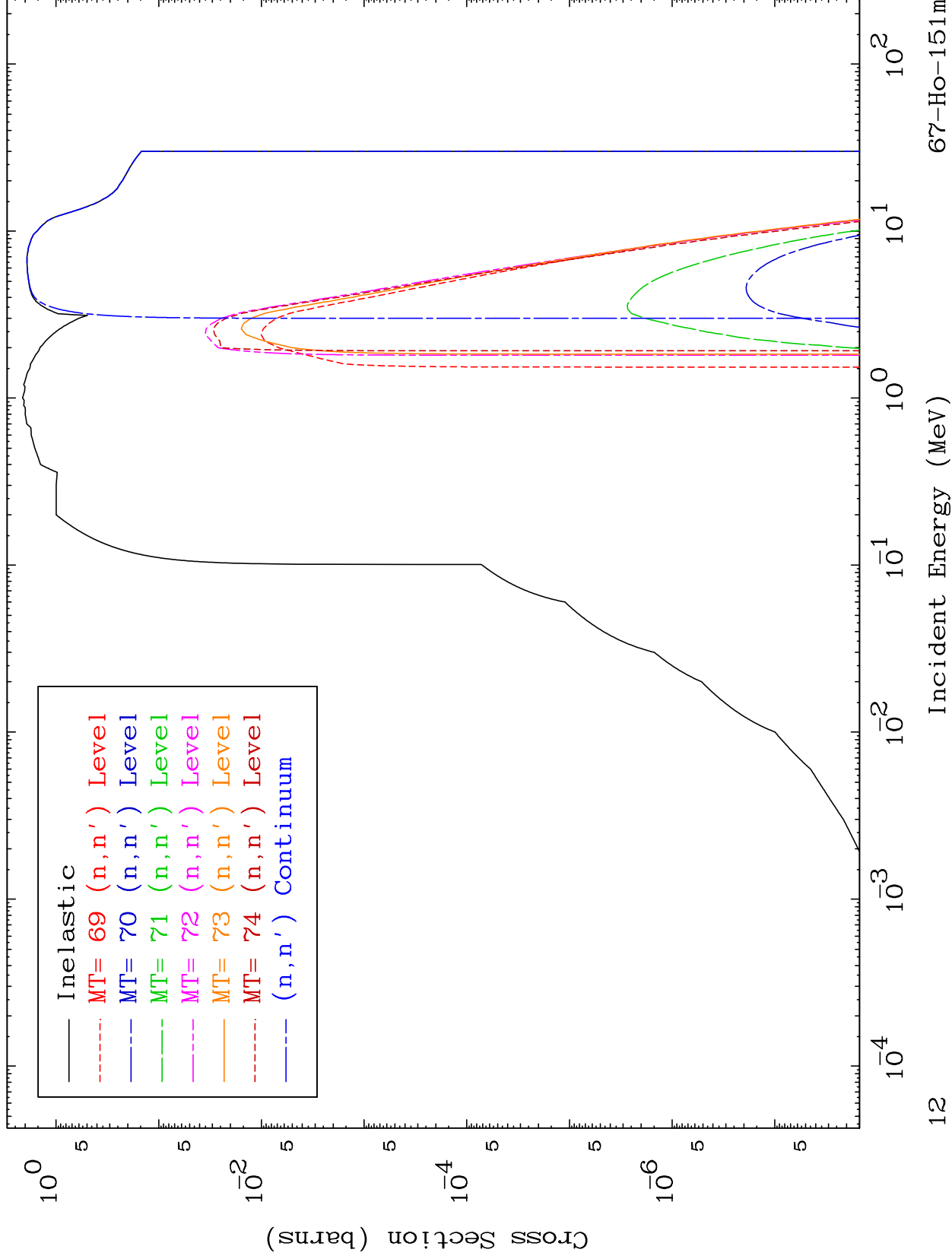


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(n,n') Levels

67-Ho-151m

293 Kelvin Cross Sections



12

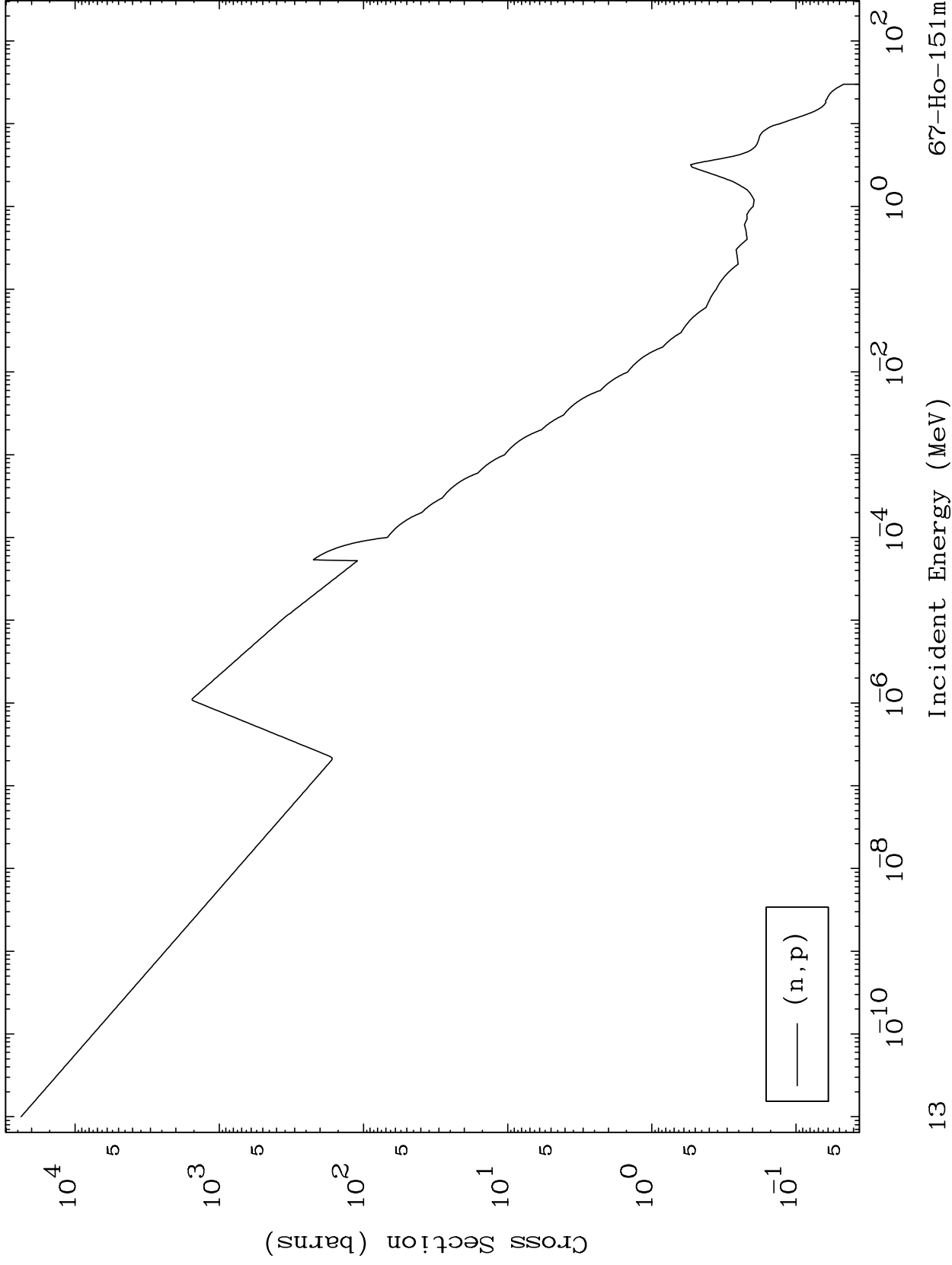
Incident Energy (MeV)

67-Ho-151m

MAT 6684

(n,p) Levels
293 Kelvin Cross Sections

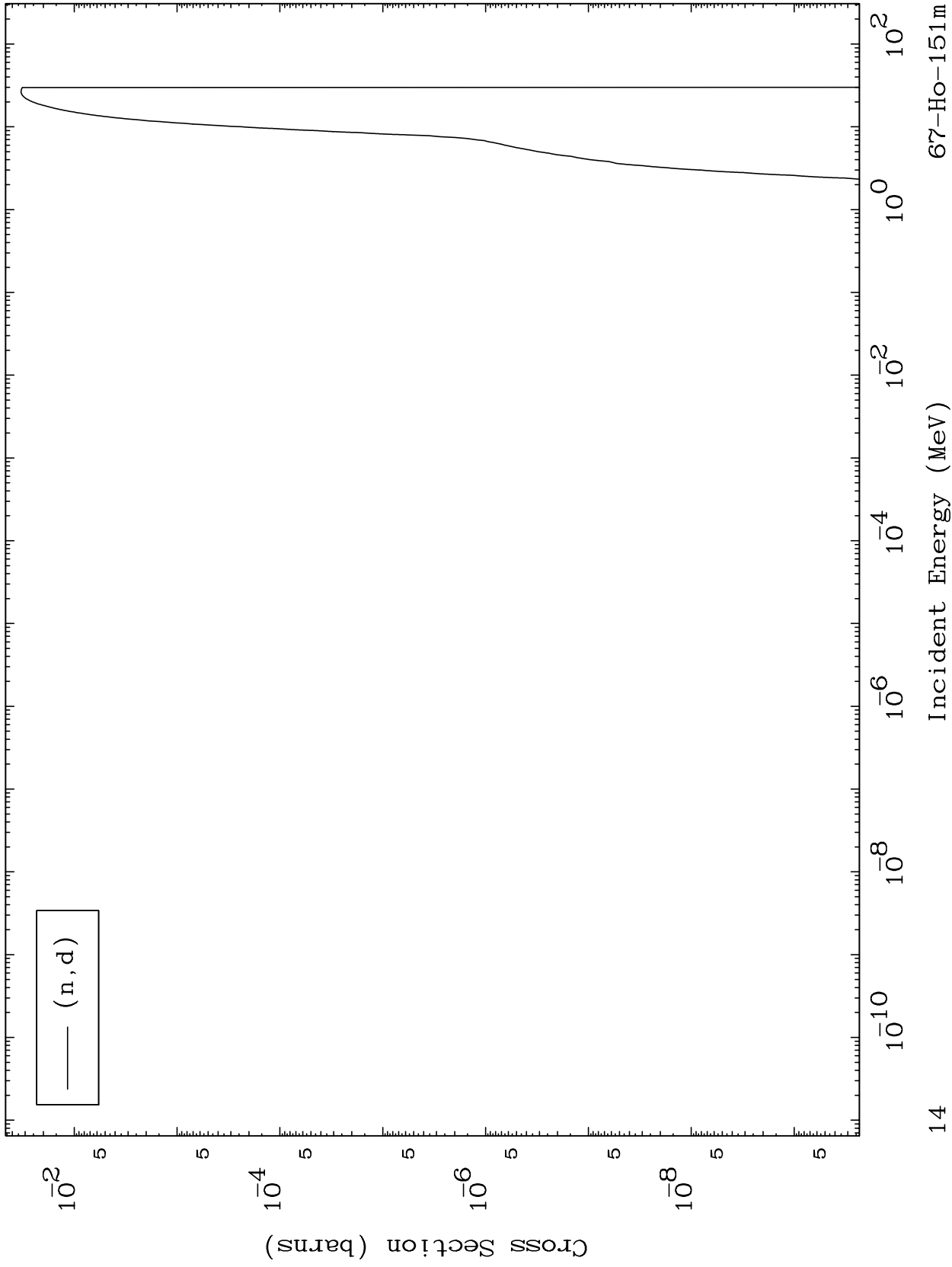
67-Ho-151m



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(n,d) Levels
293 Kelvin Cross Sections

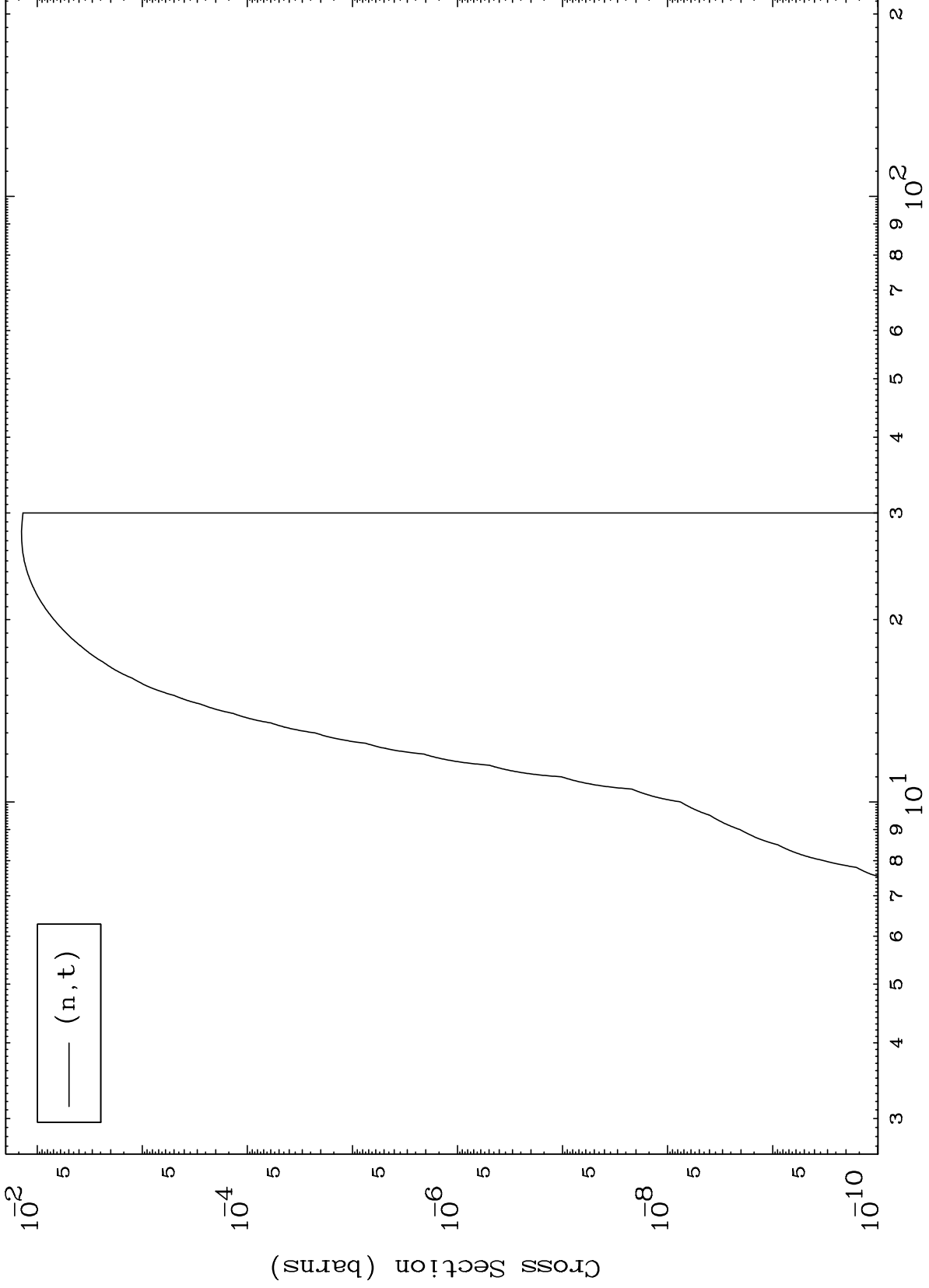
67-Ho-151m



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(n,t) Levels
293 Kelvin Cross Sections

67-Ho-151m



15

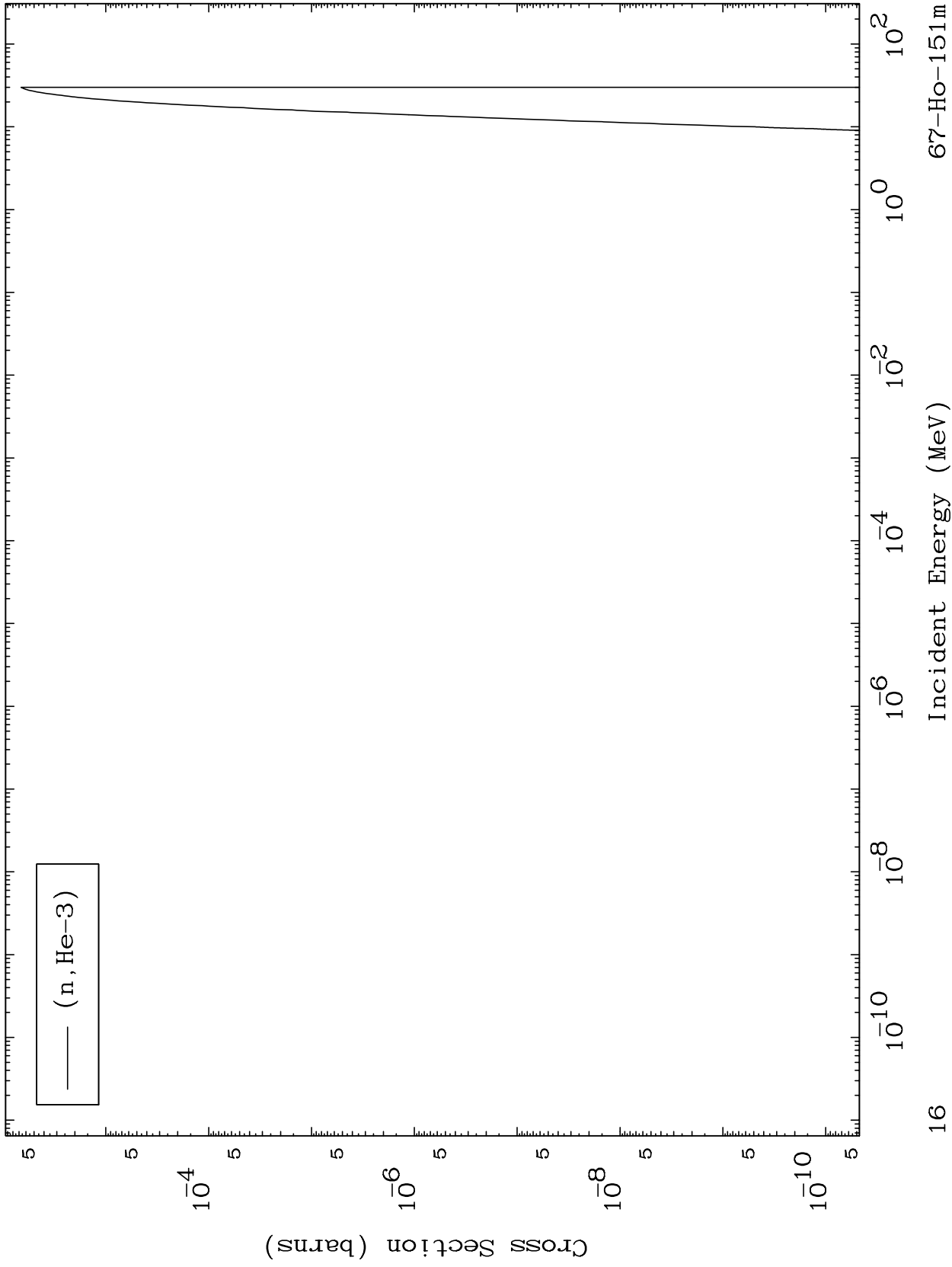
Incident Energy (MeV)

67-Ho-151m

MAT 6684

(n,He3) Levels
293 Kelvin Cross Sections

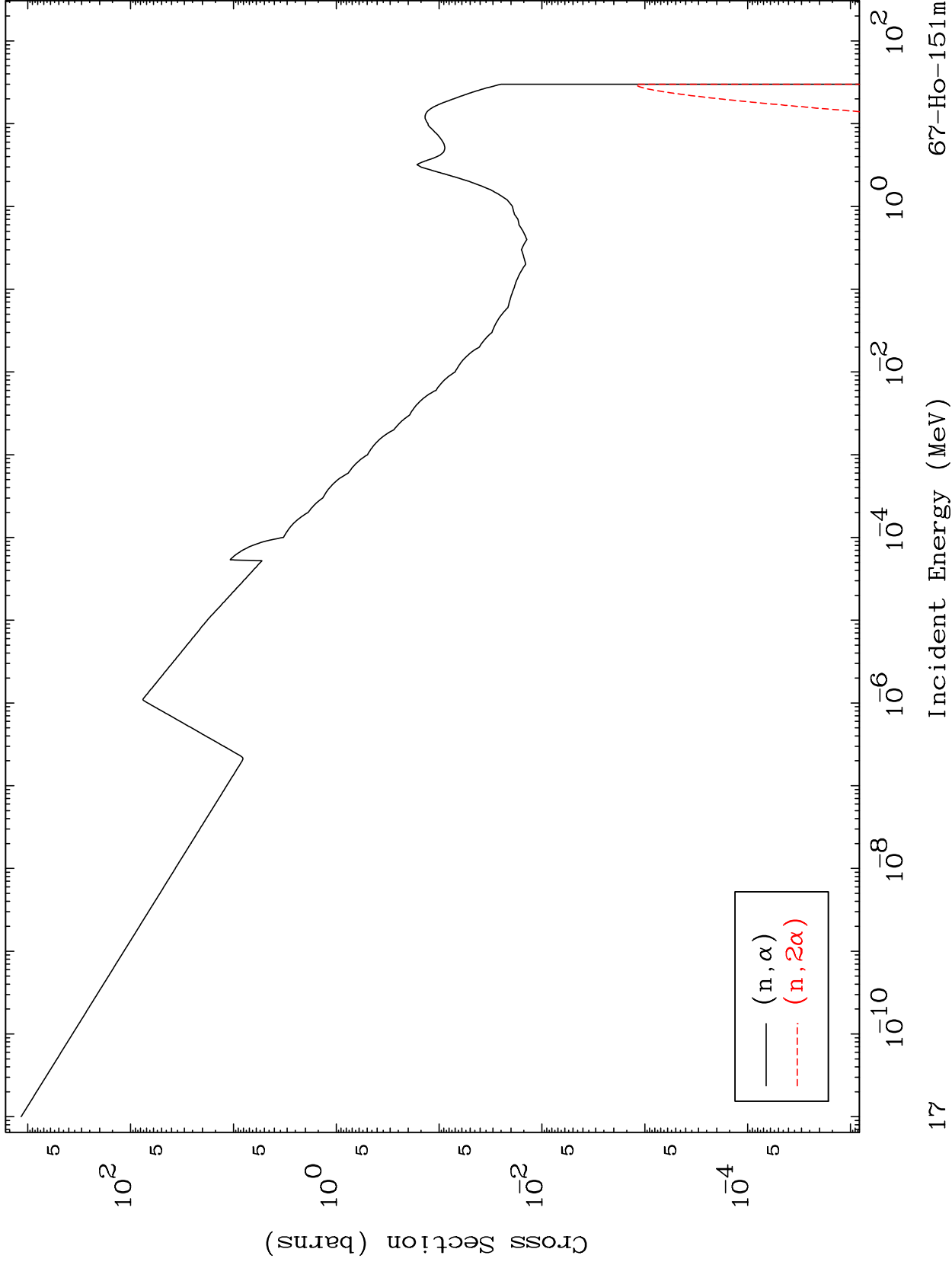
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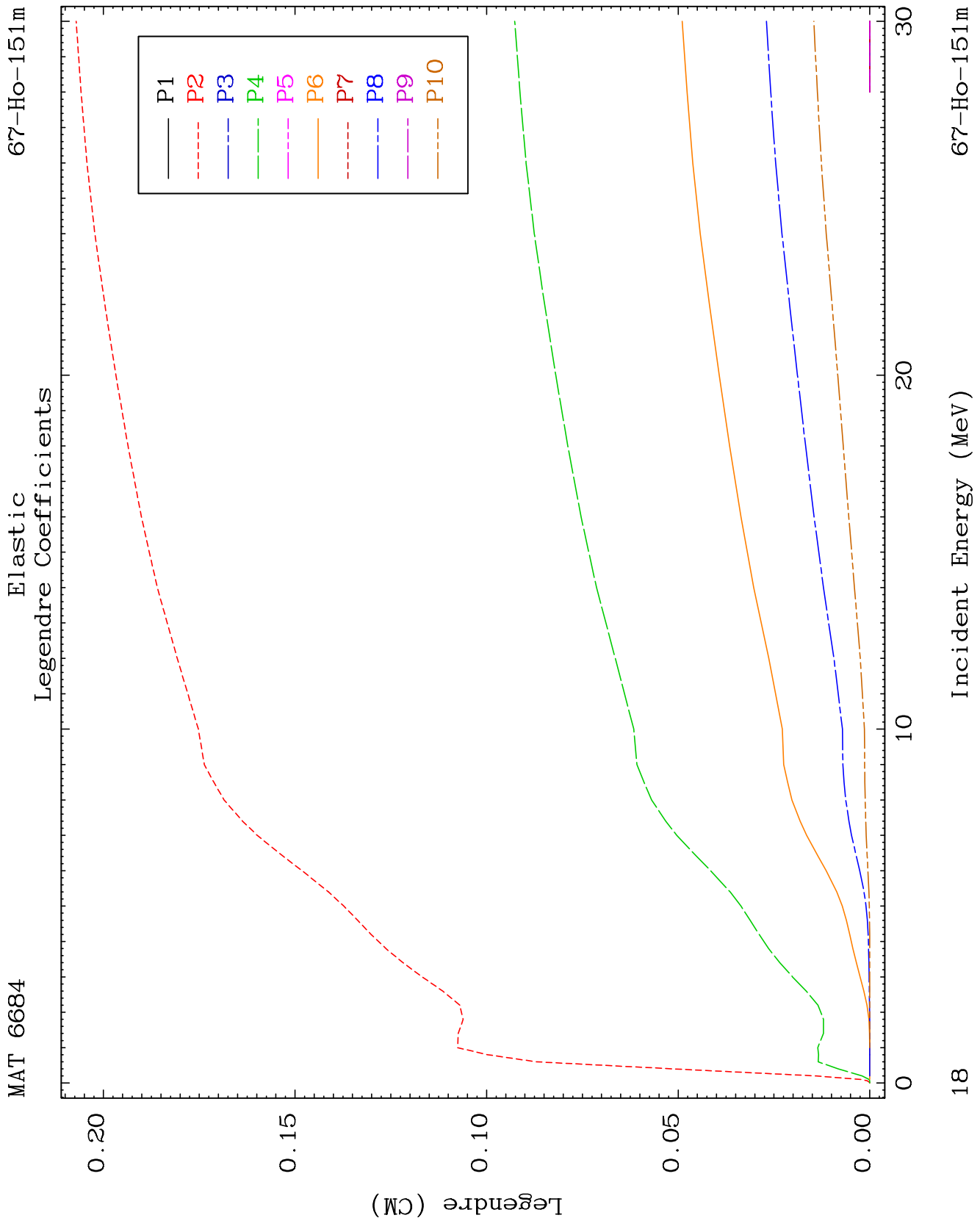


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(n,α) Levels
293 Kelvin Cross Sections

67-Ho-151m

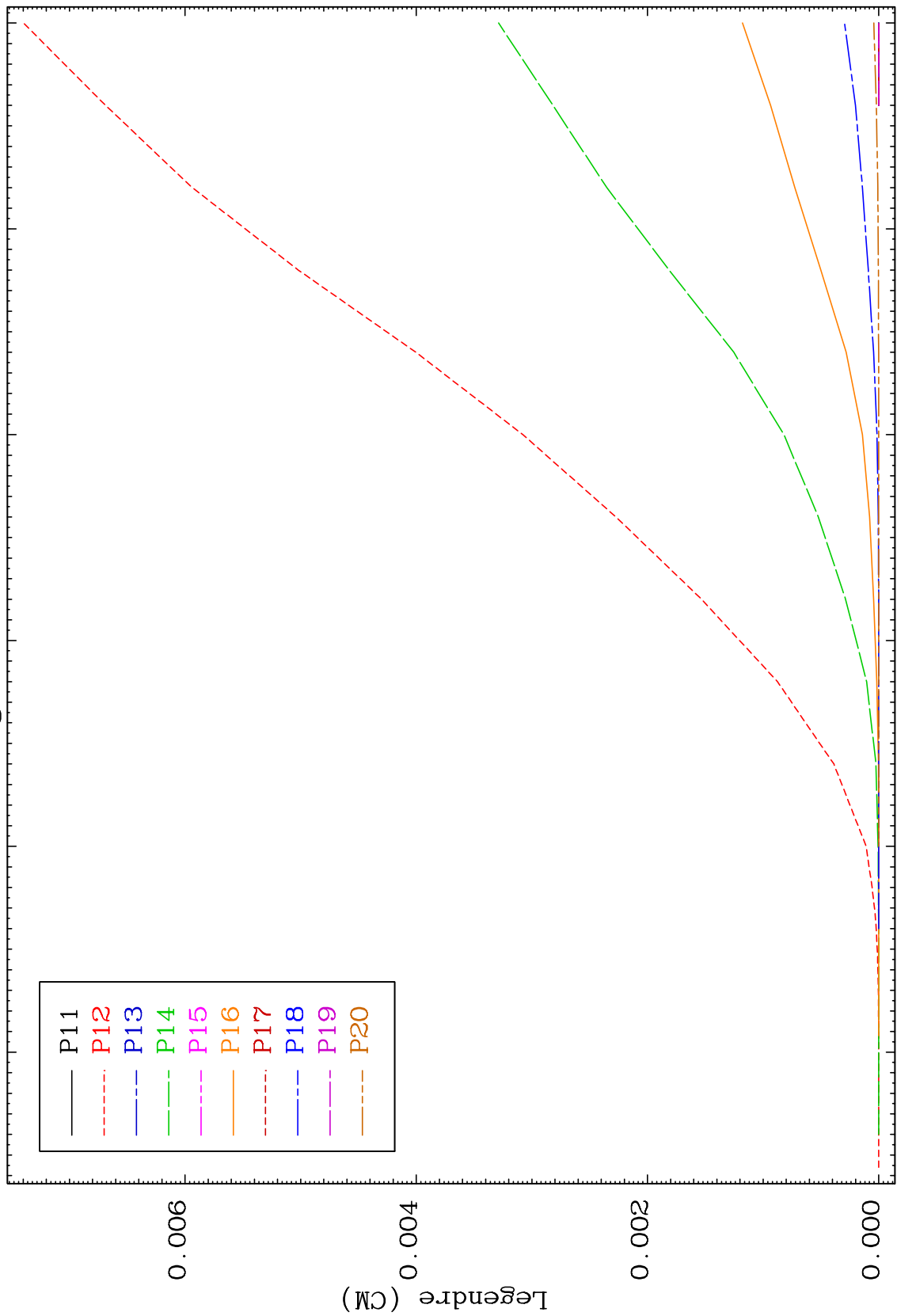




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Elastic Legendre Coefficients

67-Ho-151m



19

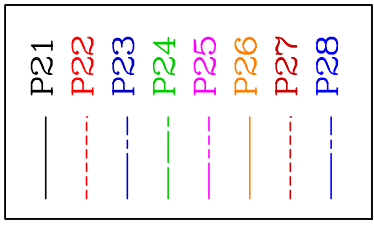
67-Ho-151m

Incident Energy (MeV)

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Elastic Legendre Coefficients

67-Ho-151m



$\times 10^{-6}$

Legendre (CM)

1.5

1.0

0.5

0.0

15

20

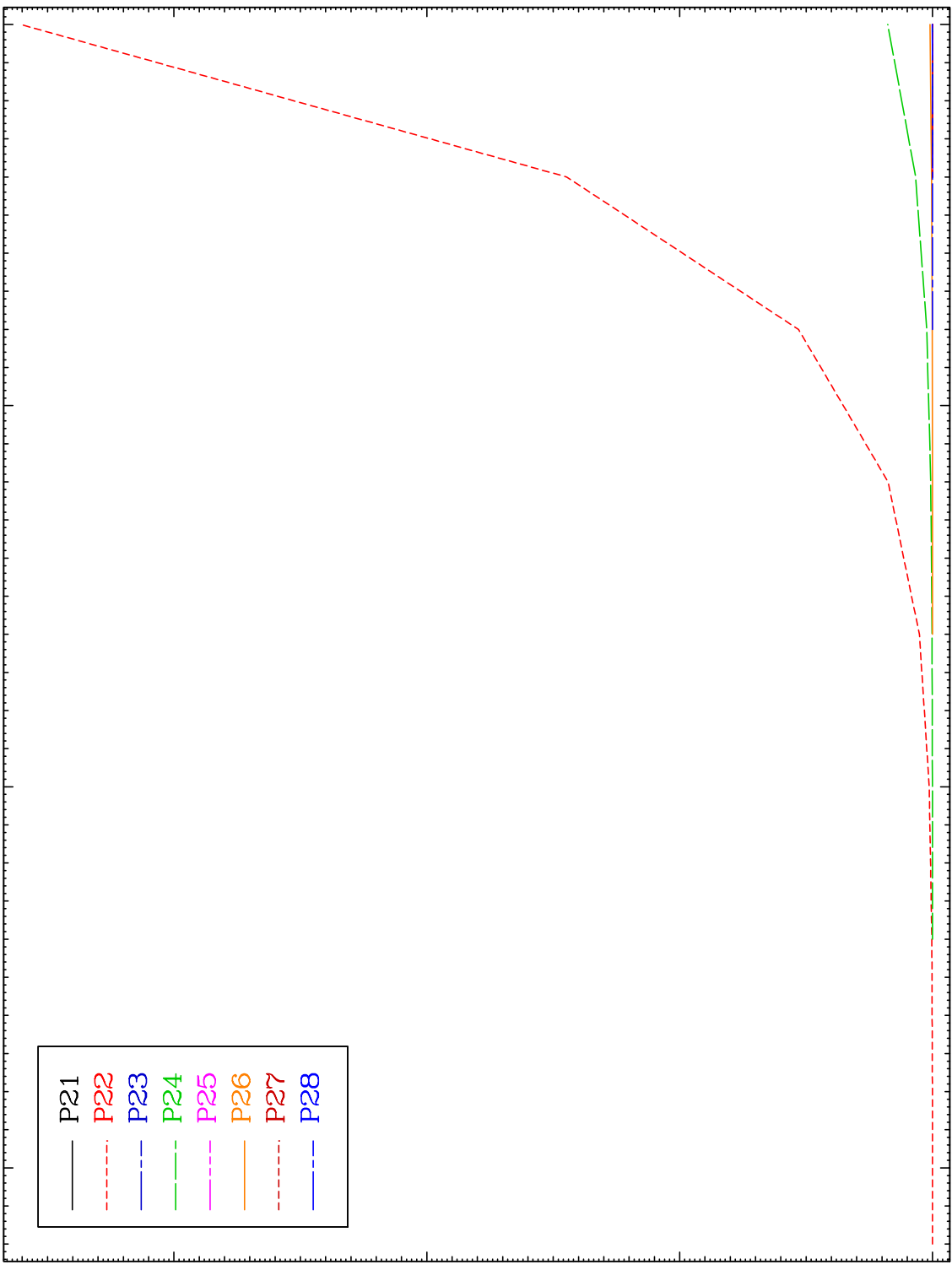
25

30

20

Incident Energy (MeV)

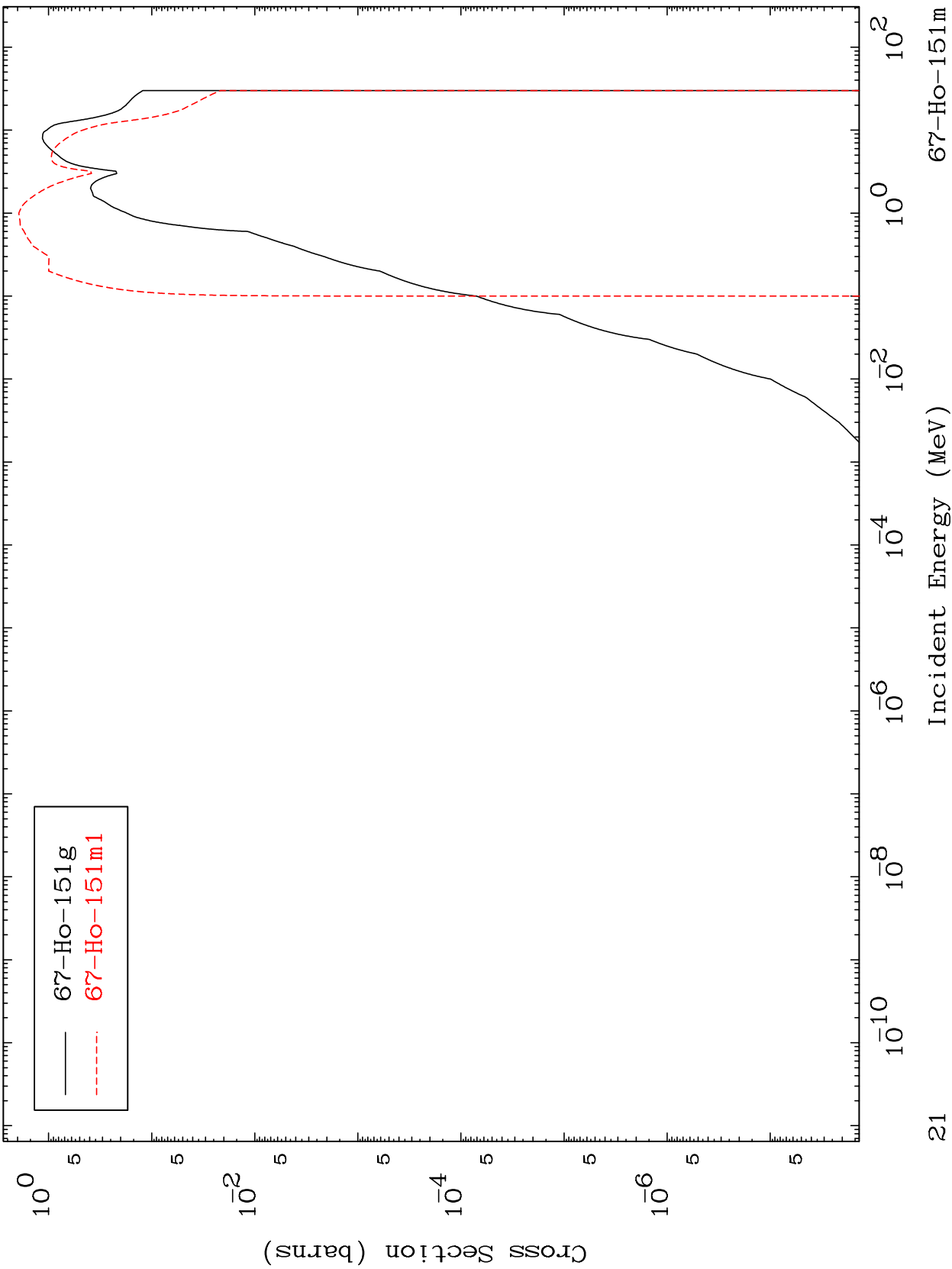
67-Ho-151m



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Inelastic
Radionuclide Production Cross Section

67-Ho-151m

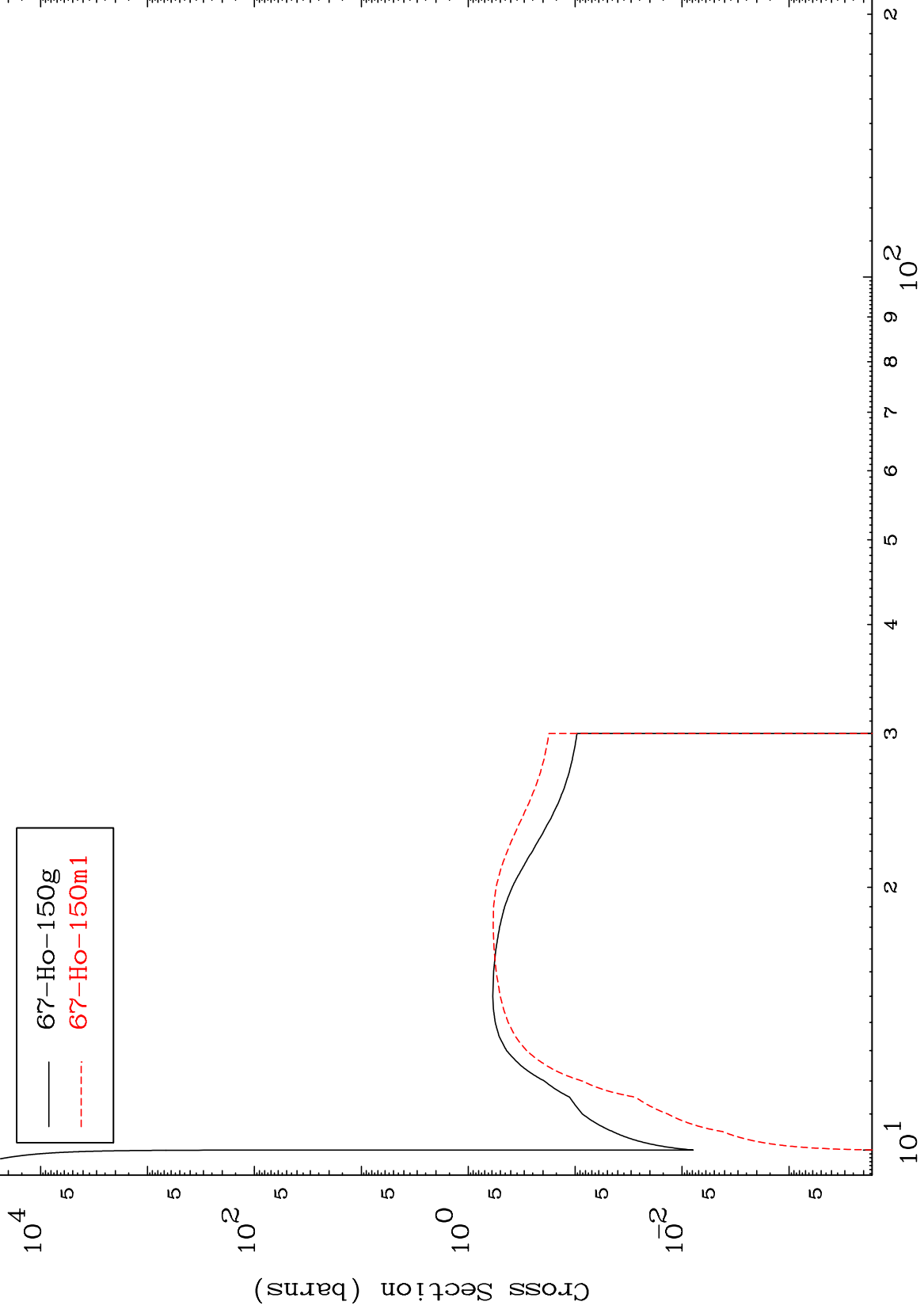


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(n,2n)

67-Ho-151m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

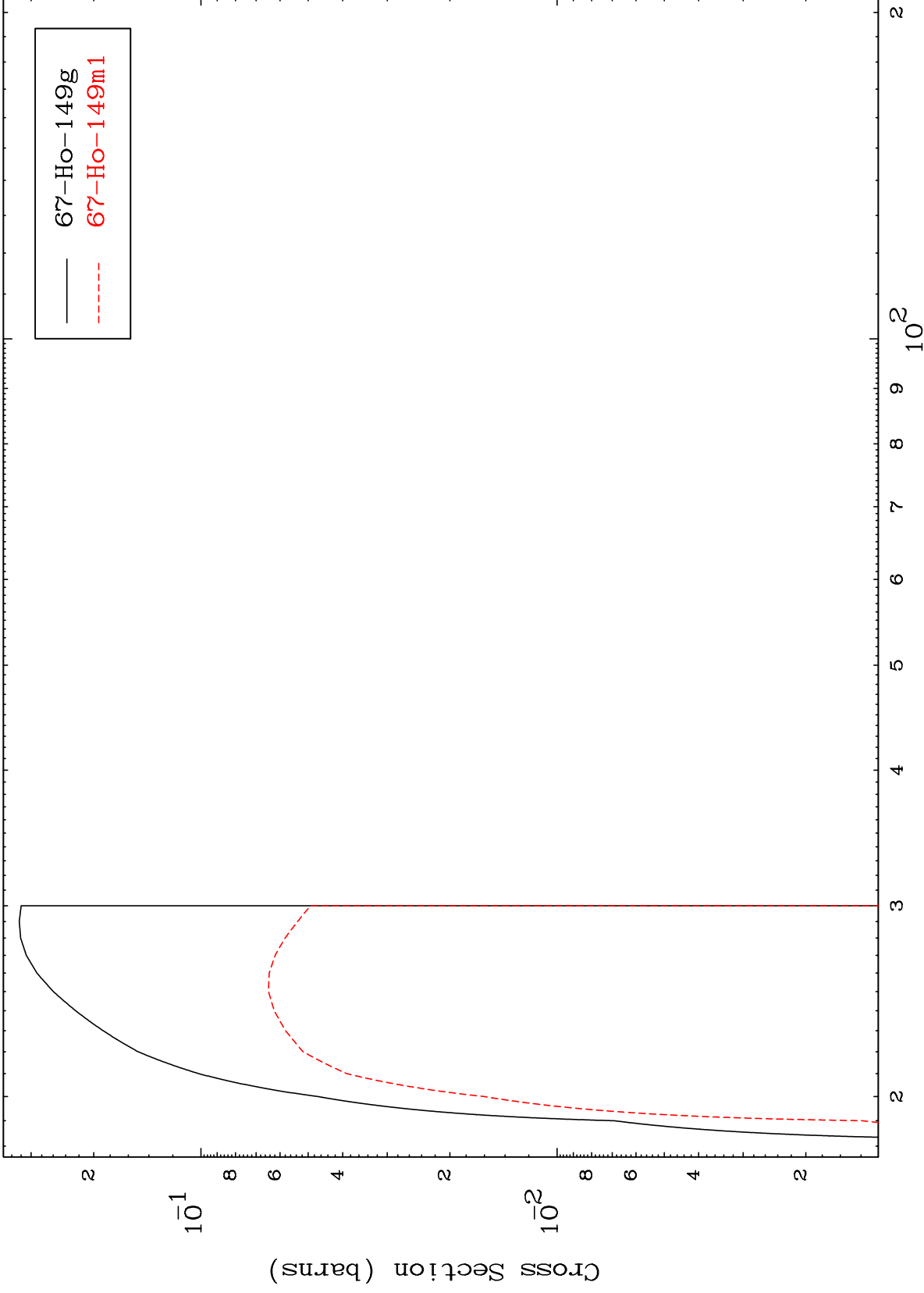
67-Ho-151m

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(n,3n)

67-Ho-151m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

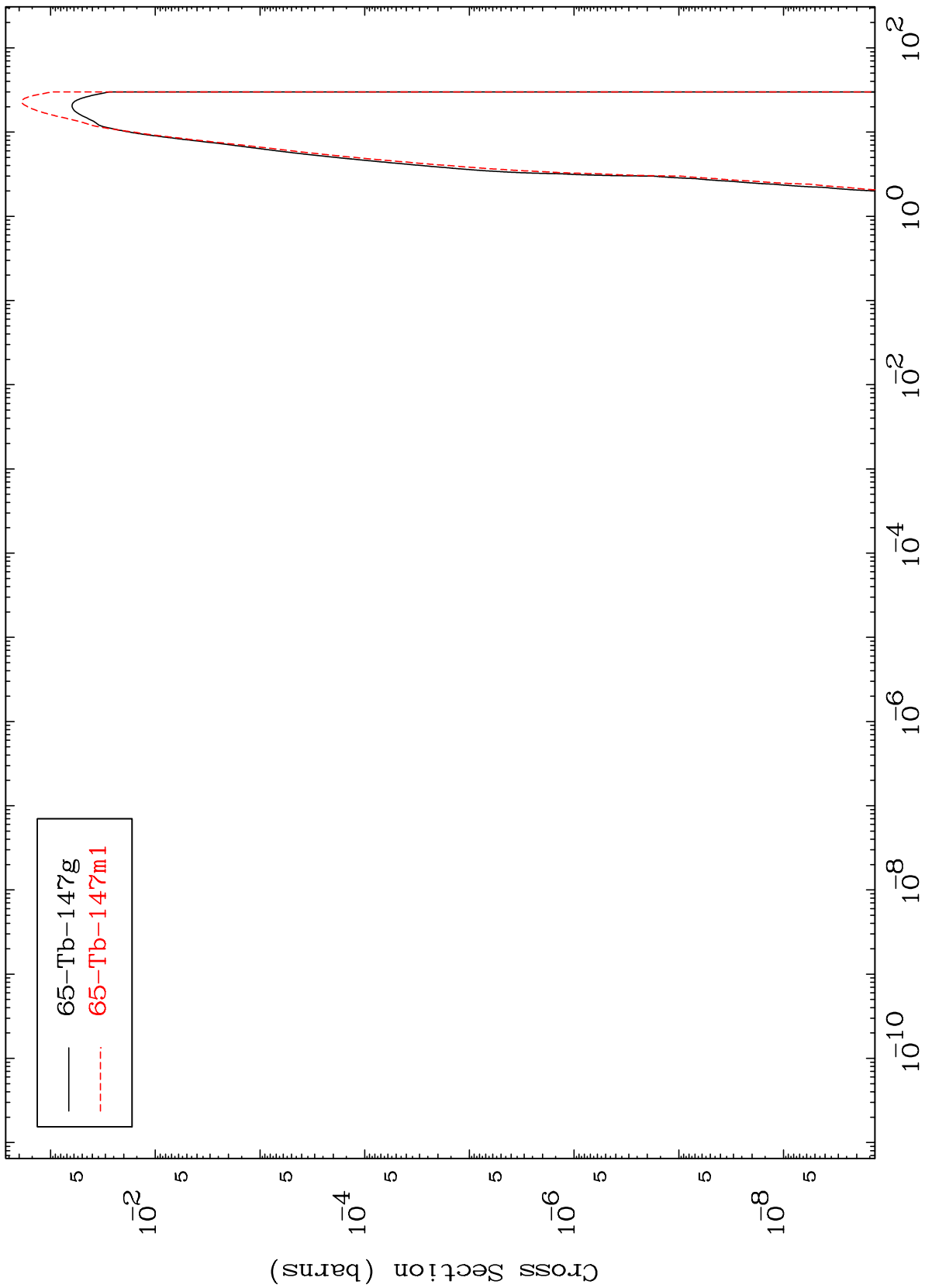
67-Ho-151m

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$(n, n') \alpha$

67-Ho-151m

Radionuclide Production Cross Section

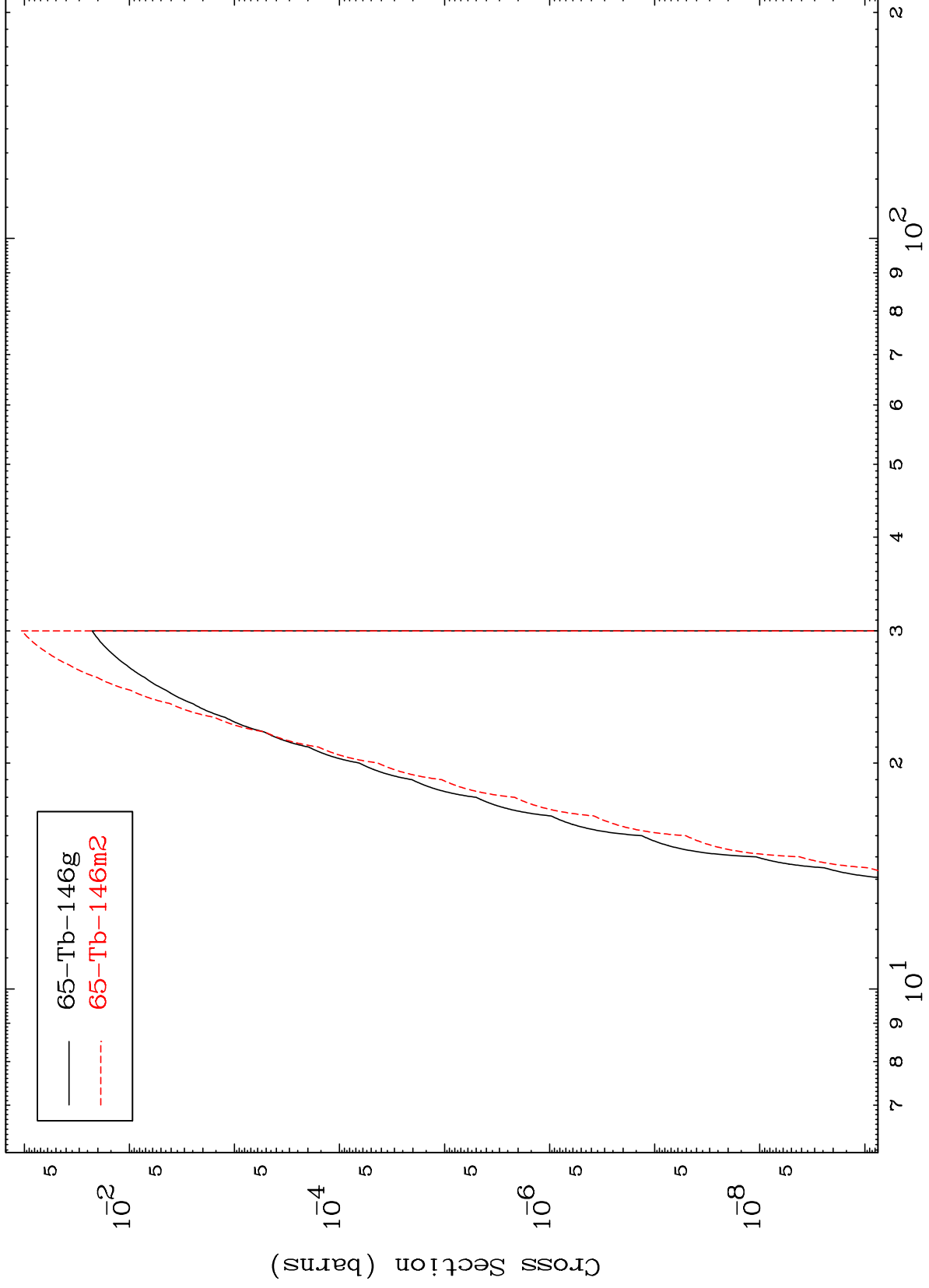


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(n,2n) α

67-Ho-151m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

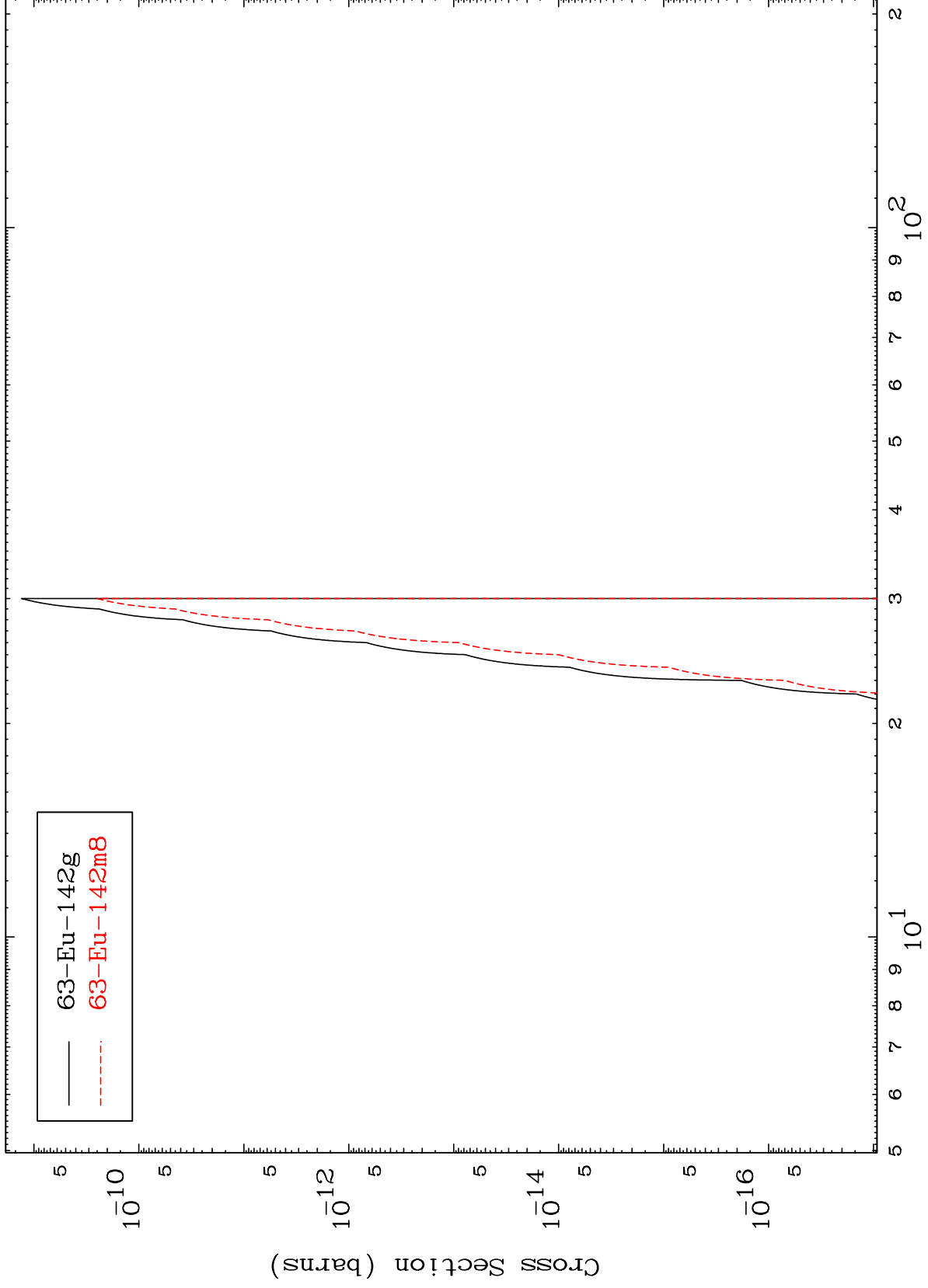
67-Ho-151m

MAT 6684

$(n,2n) 2\alpha$

67-Ho-151m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

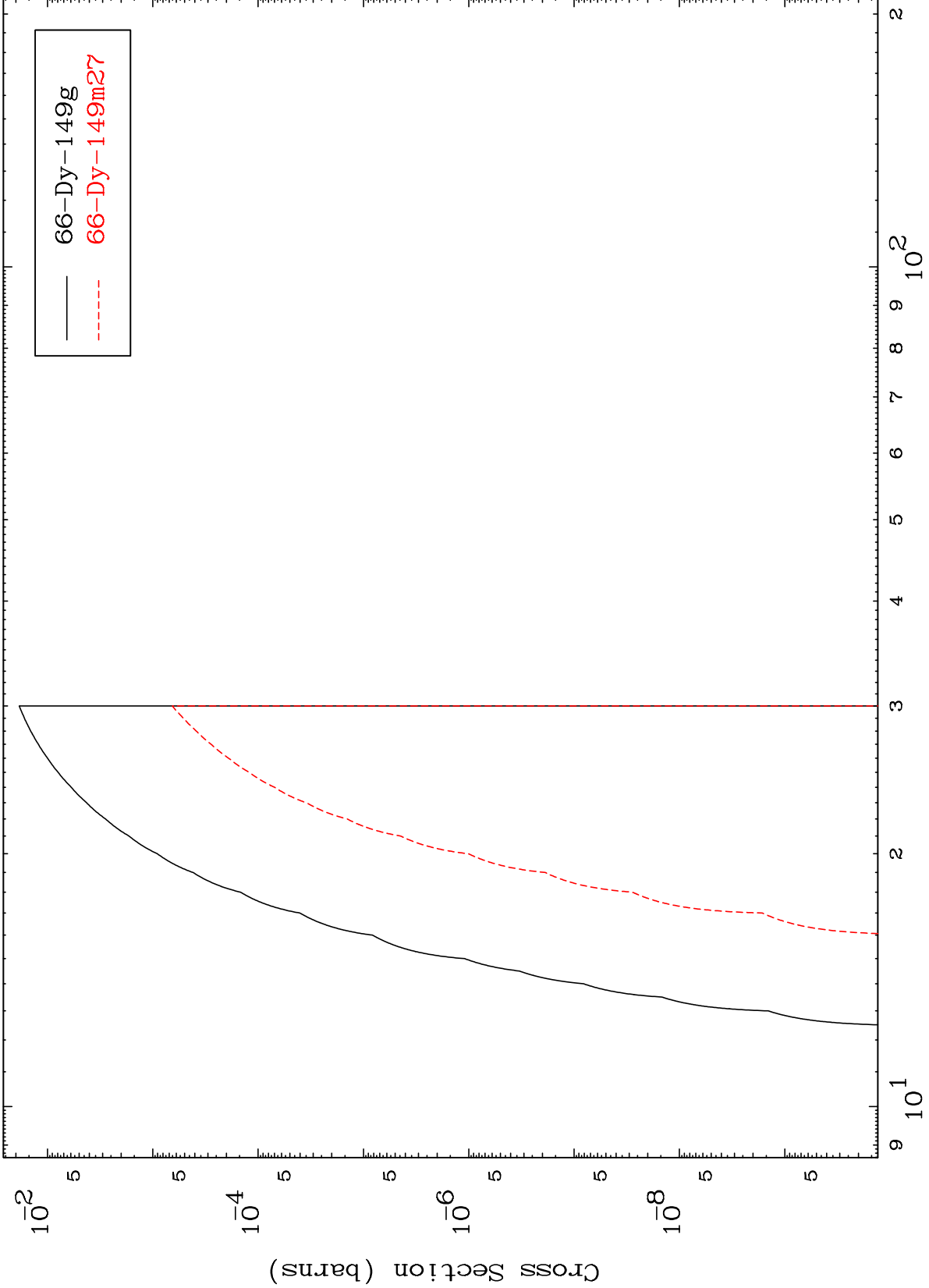
67-Ho-151m

MAT 6684

(n,n') d

67-Ho-151m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

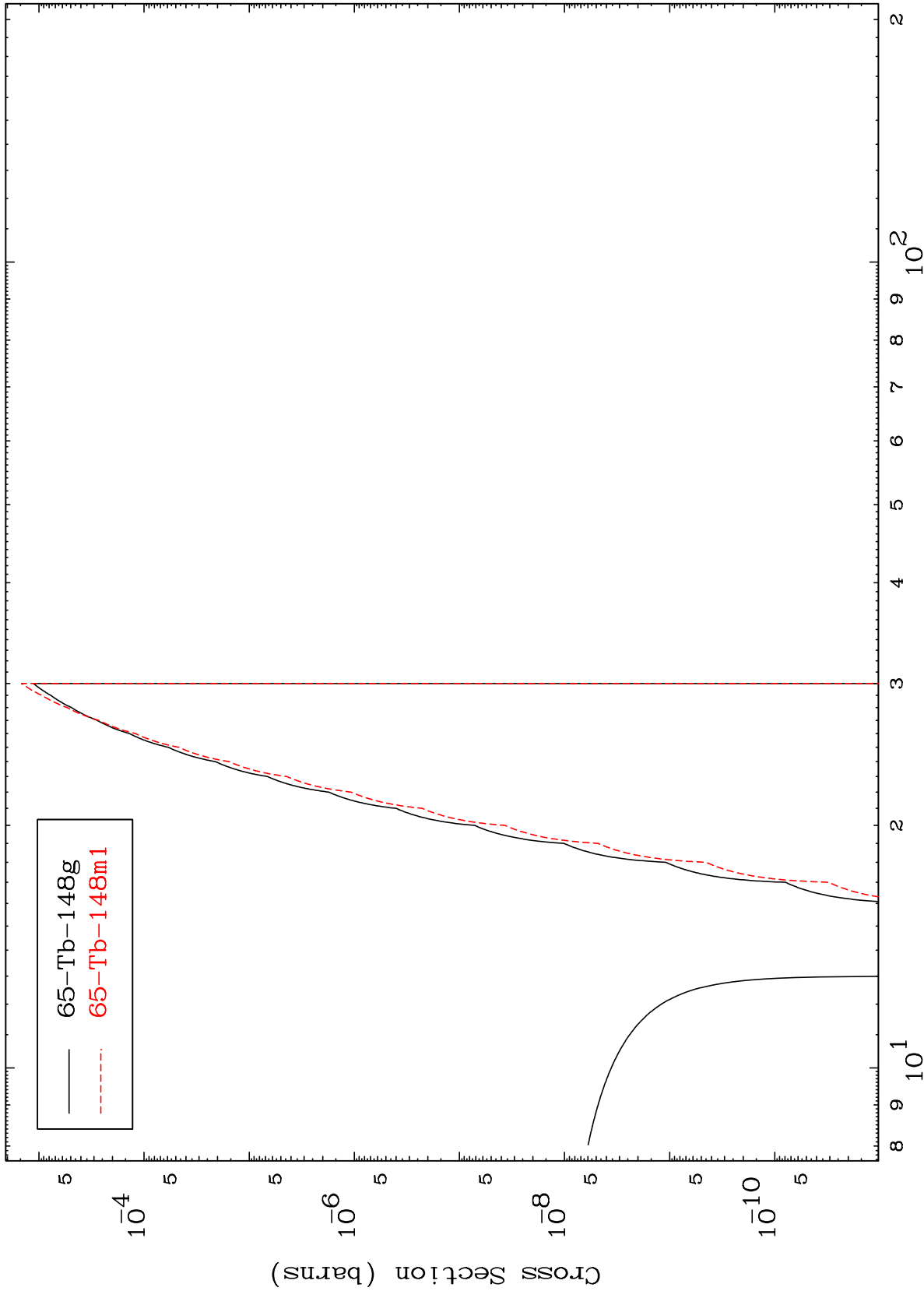
67-Ho-151m

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(n,n') He-3

67-Ho-151m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

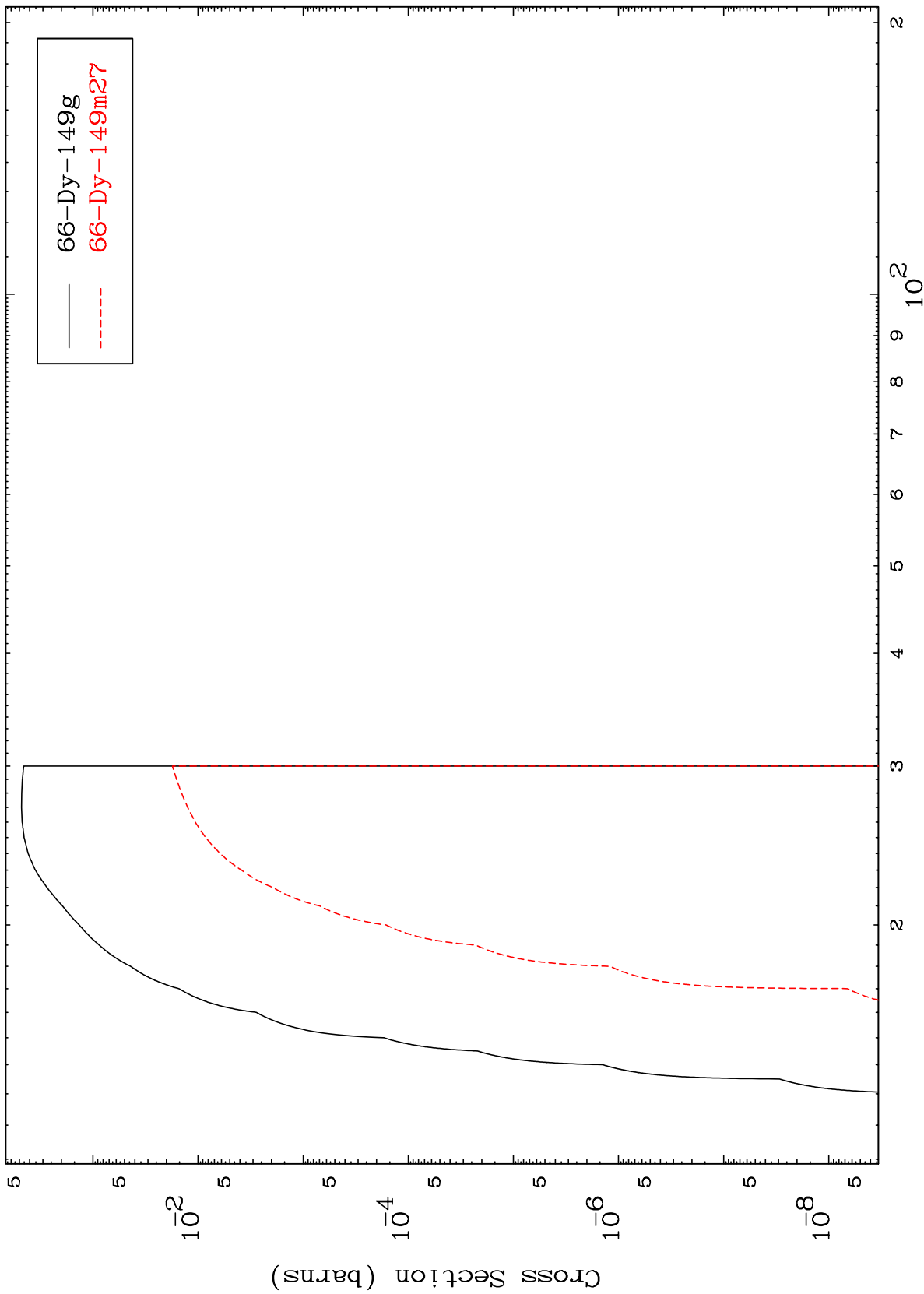
67-Ho-151m

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(n,2n) p

67-Ho-151m

Radionuclide Production Cross Section



29

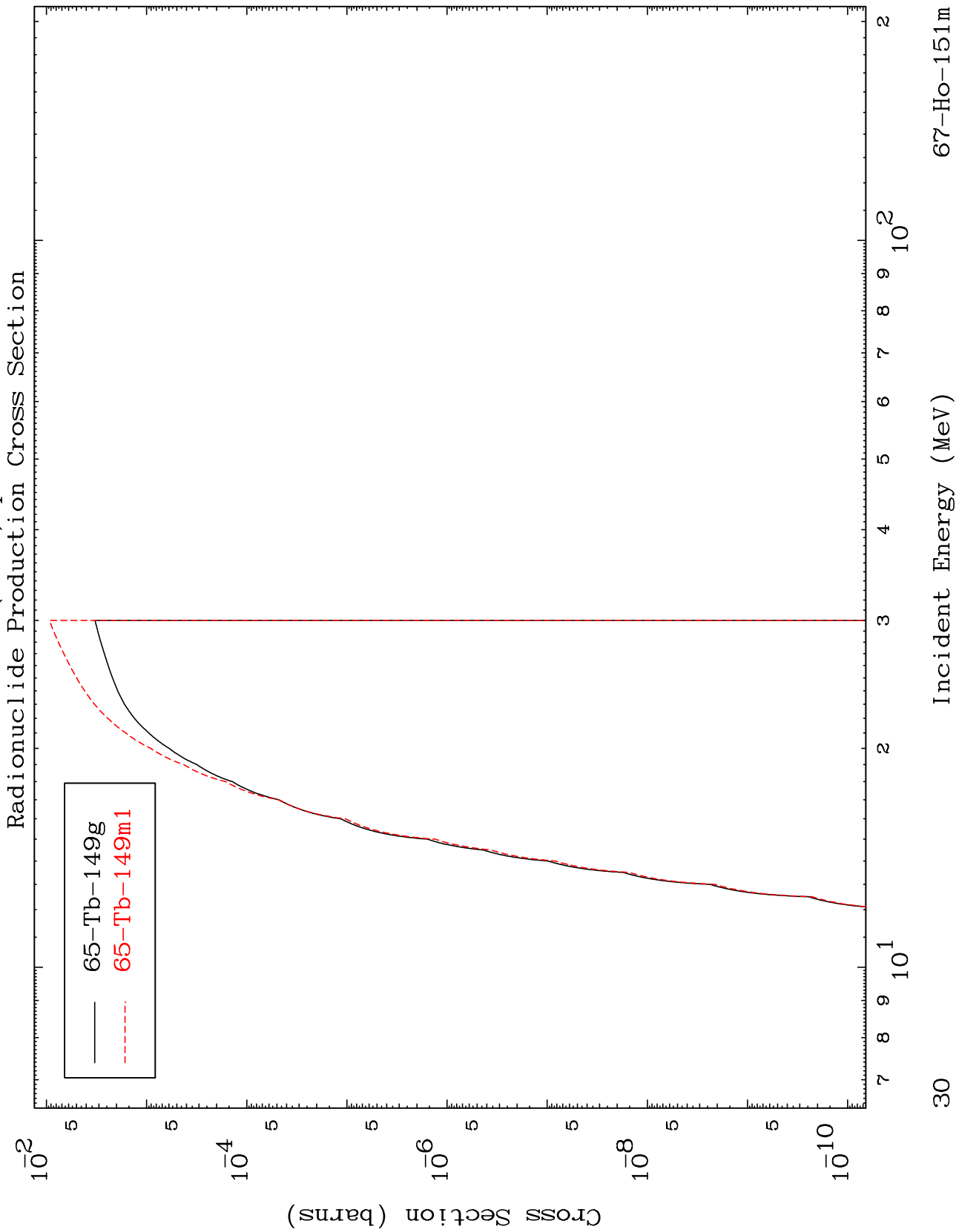
Incident Energy (MeV)

67-Ho-151m

MAT 6684

(n,2n) p

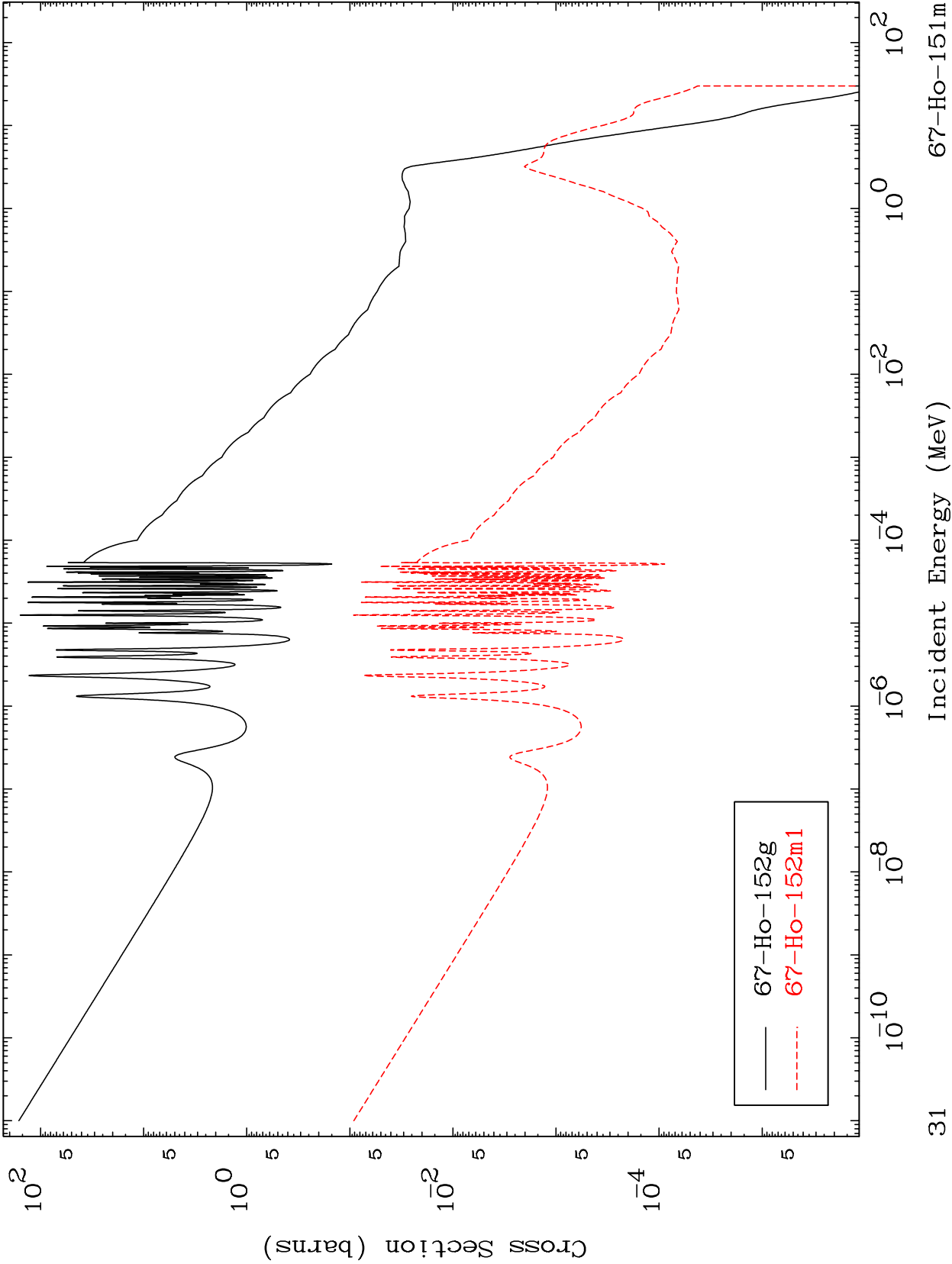
67-Ho-151m



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67-Ho-151m

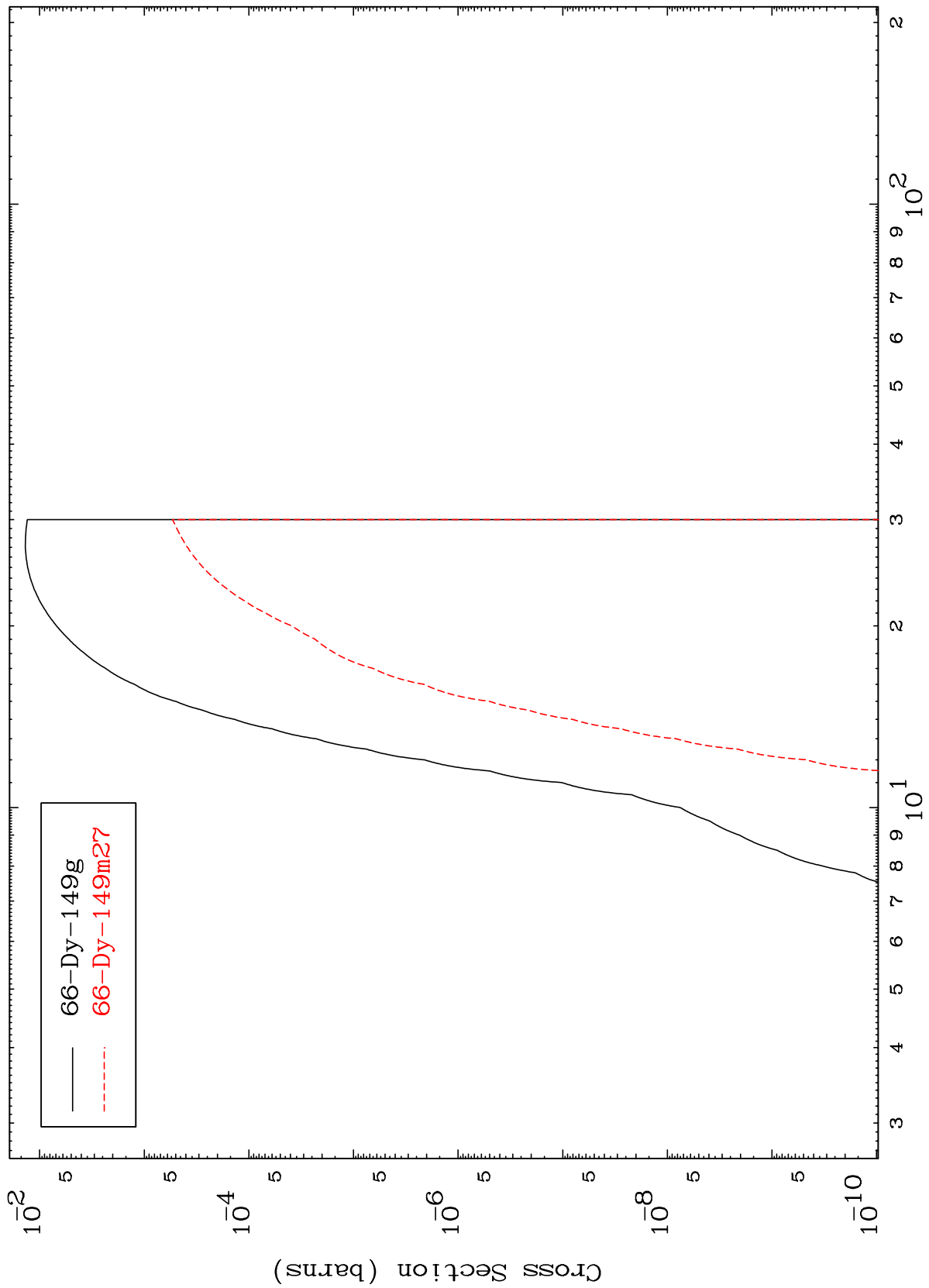
(n, γ)
Radionuclide Production Cross Section



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67-Ho-151m

(n, t)
Radionuclide Production Cross Section



67-Ho-151m

Incident Energy (MeV)

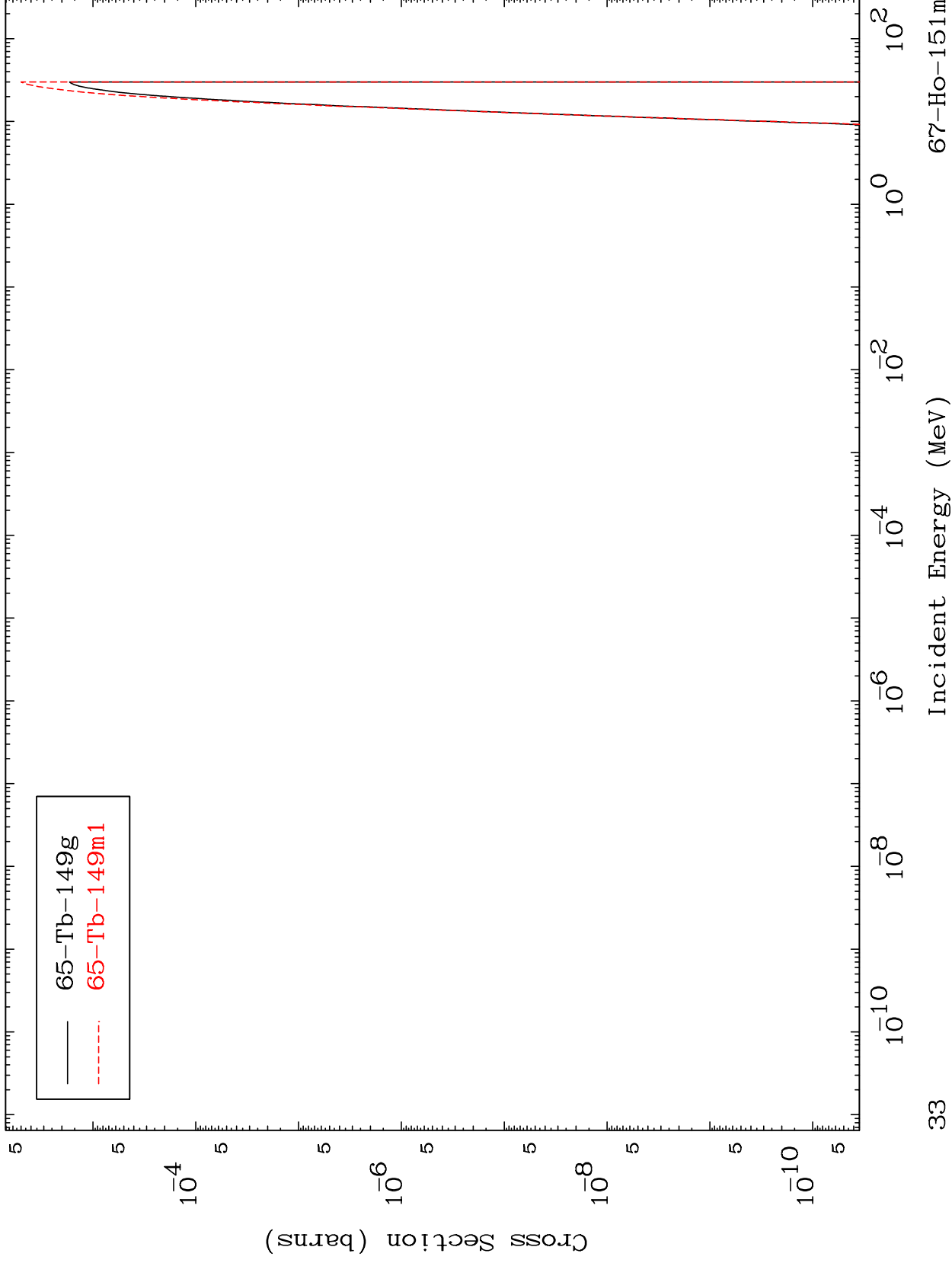
32

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(n,He-3)

67-Ho-151m

Radionuclide Production Cross Section

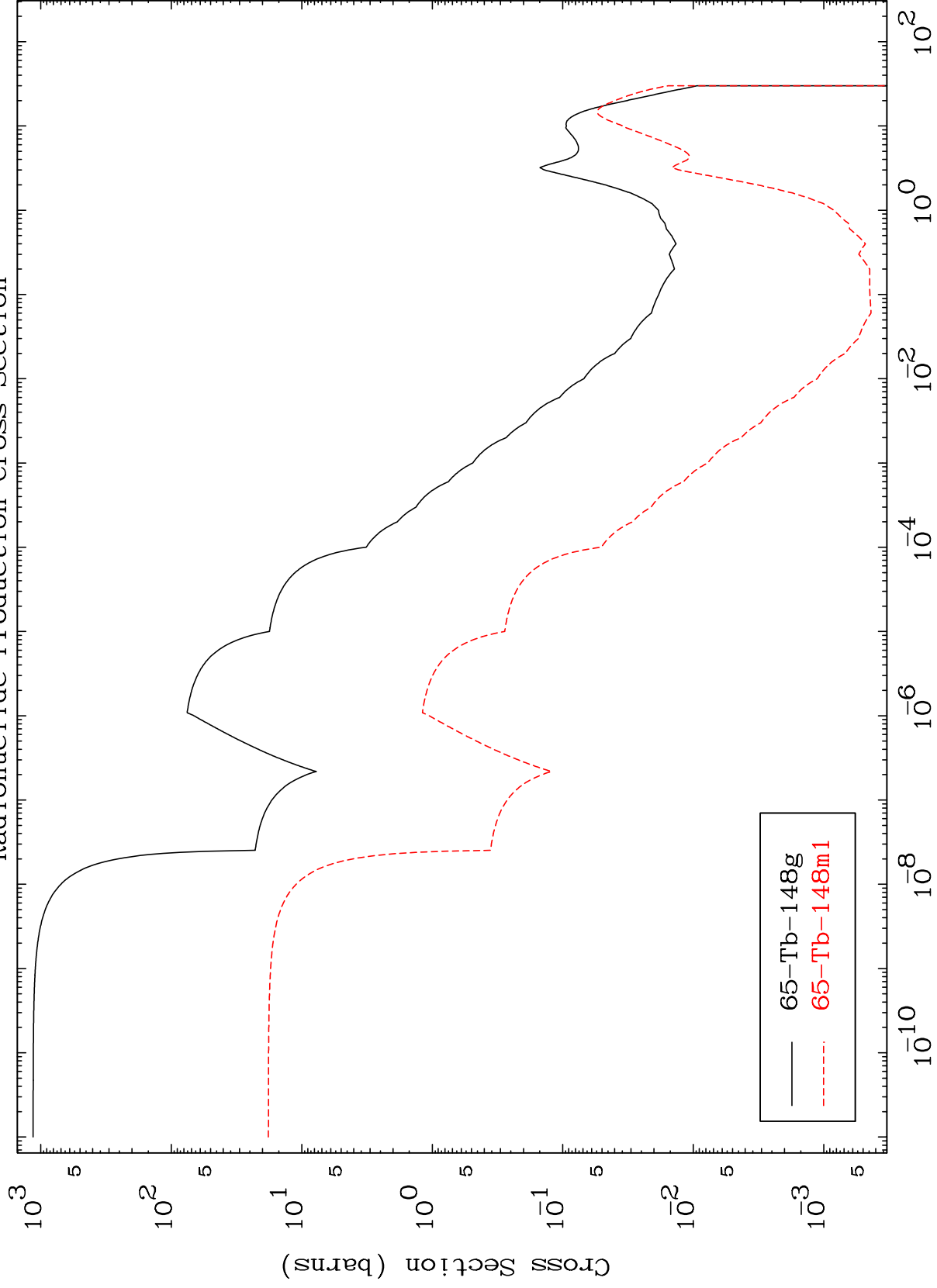


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(n, α)

67-Ho-151m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

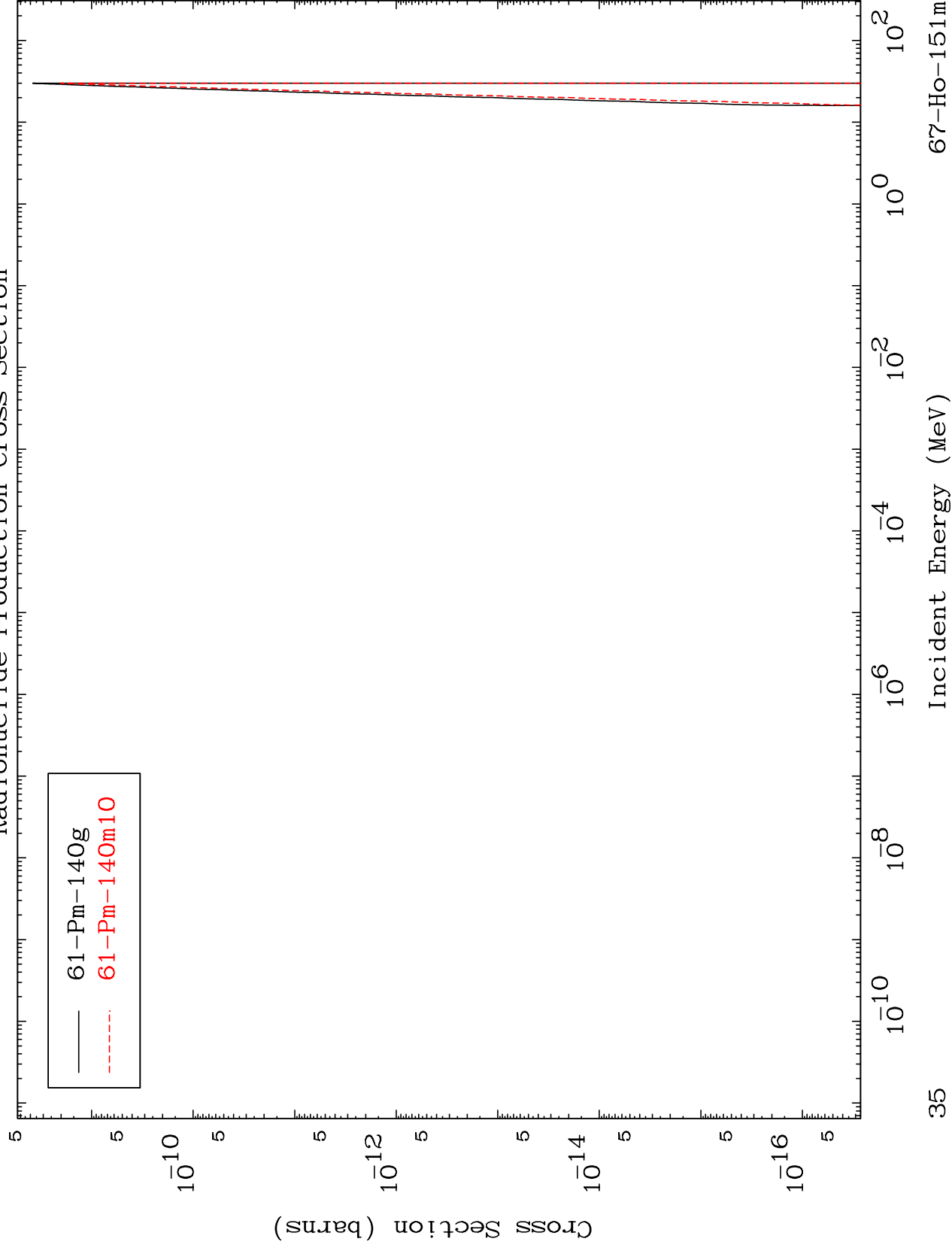
67-Ho-151m

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(n,3 α)

67-Ho-151m

Radionuclide Production Cross Section

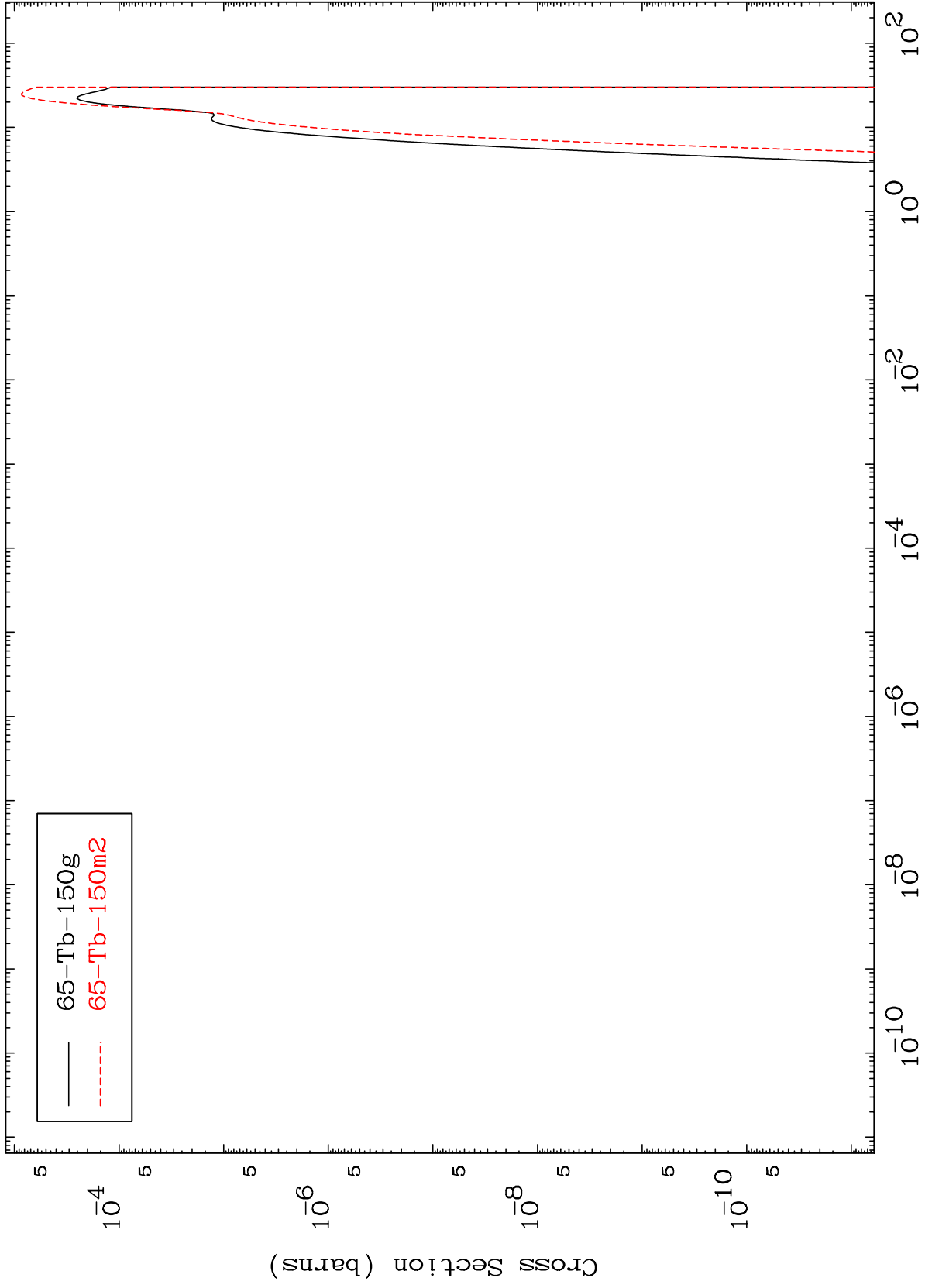


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(n,2p)

67-Ho-151m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

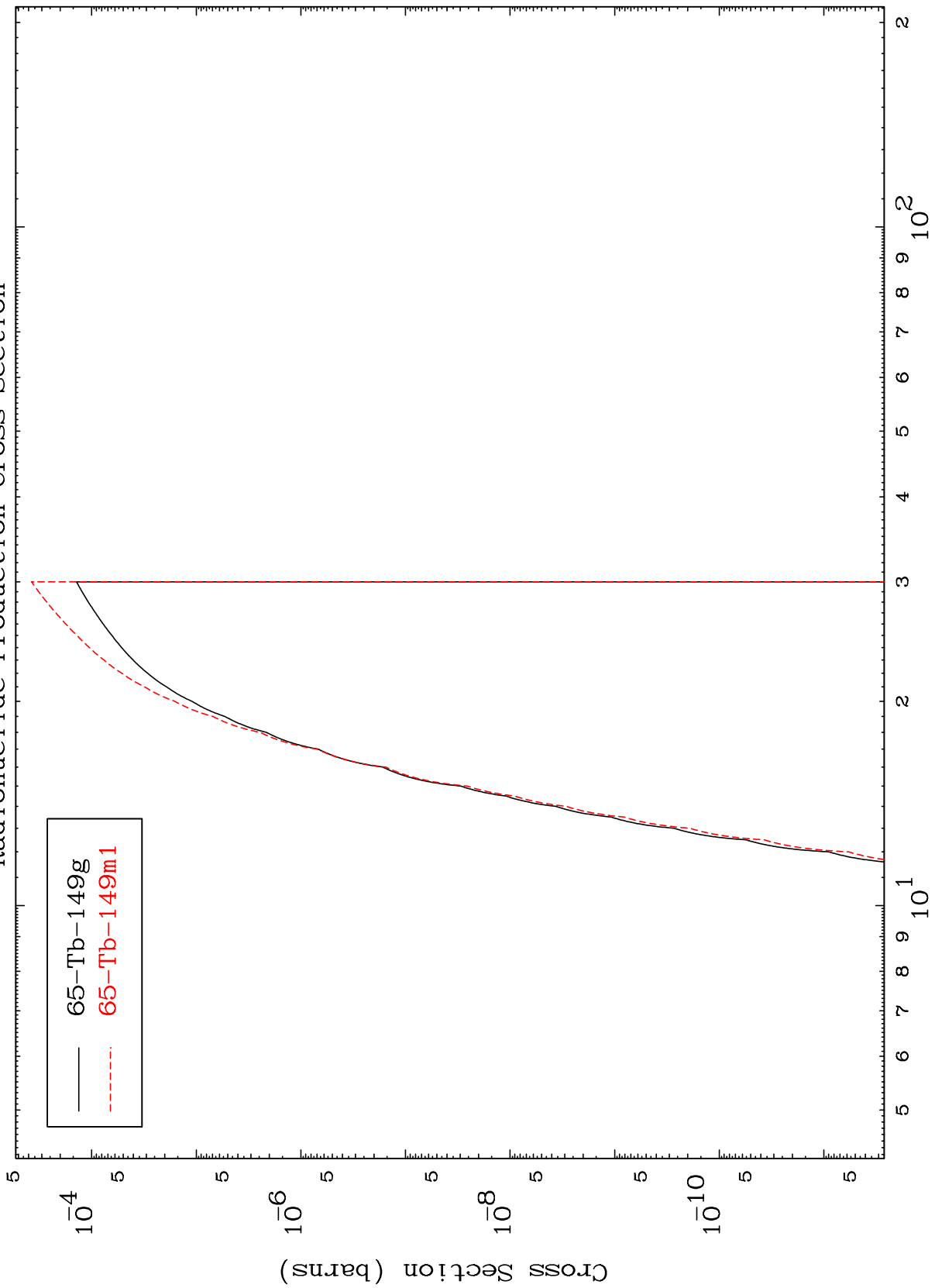
67-Ho-151m

MAT 6684

(n,p) d

67-Ho-151m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

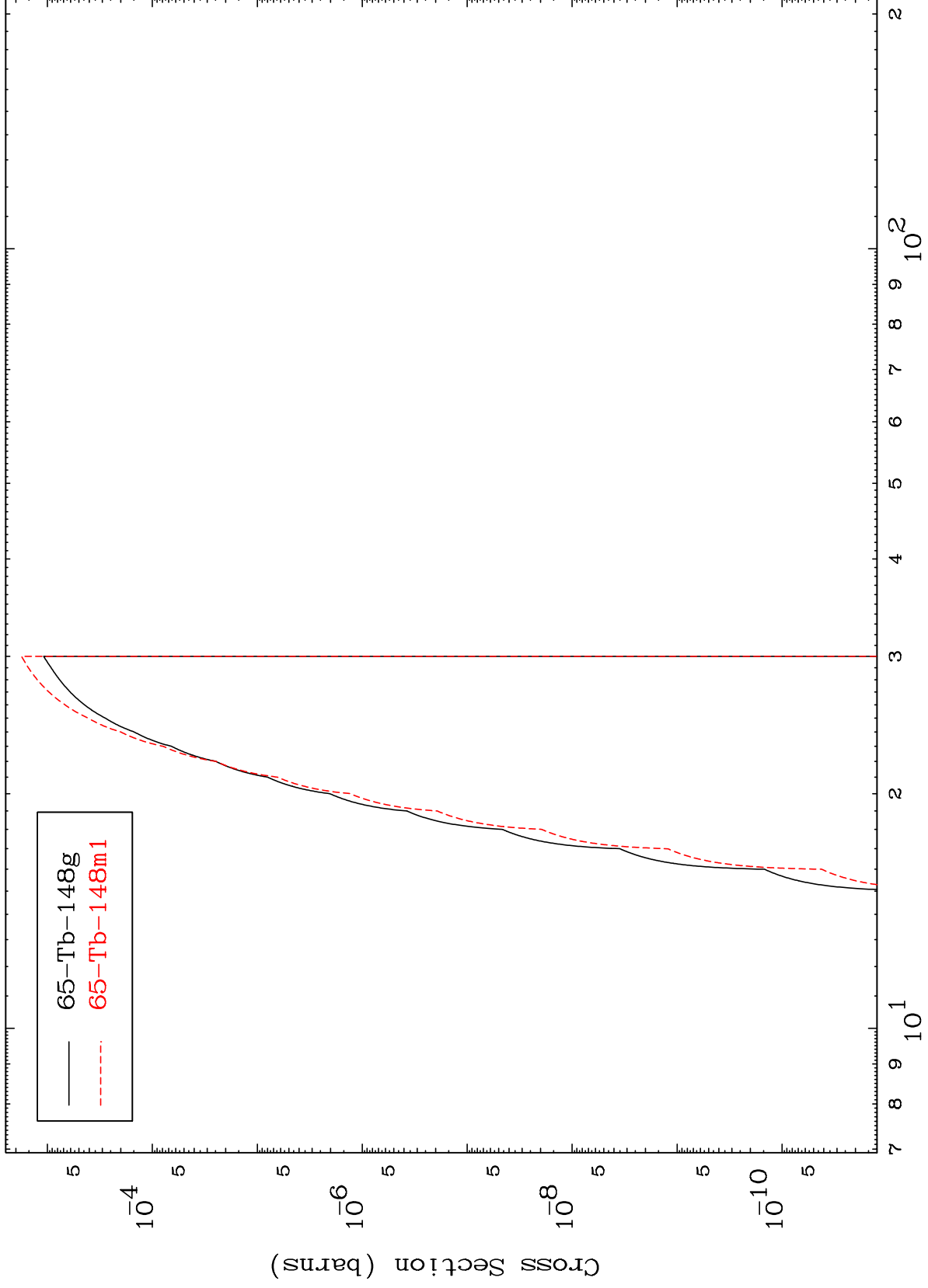
67-Ho-151m

MAT 6684

(n,p) t

67-Ho-151m

Radionuclide Production Cross Section



38

Incident Energy (MeV)

67-Ho-151m