

Program EVALPLOT
(Version 2018-1)

by

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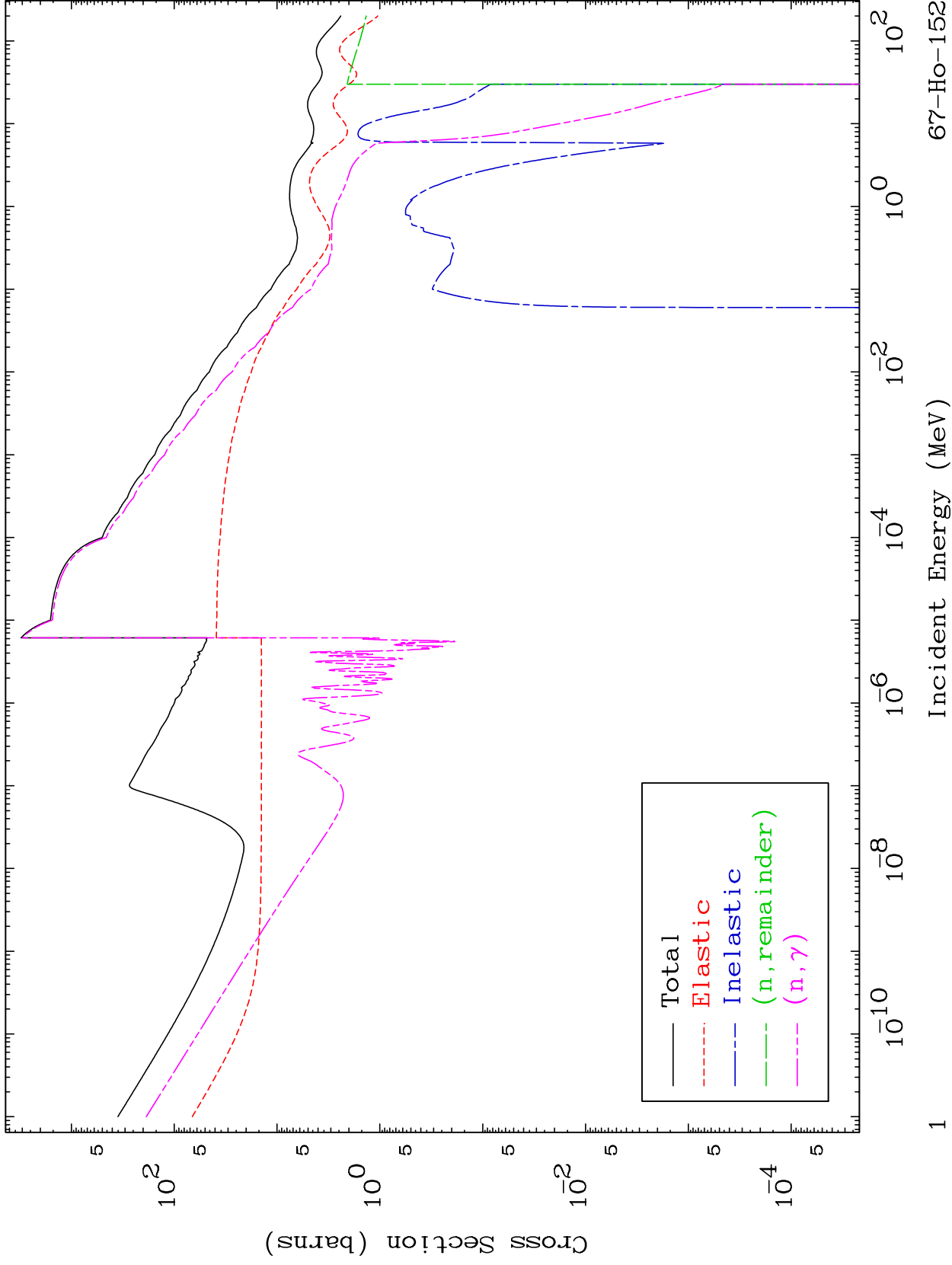
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6687

Major
293 Kelvin Cross Sections

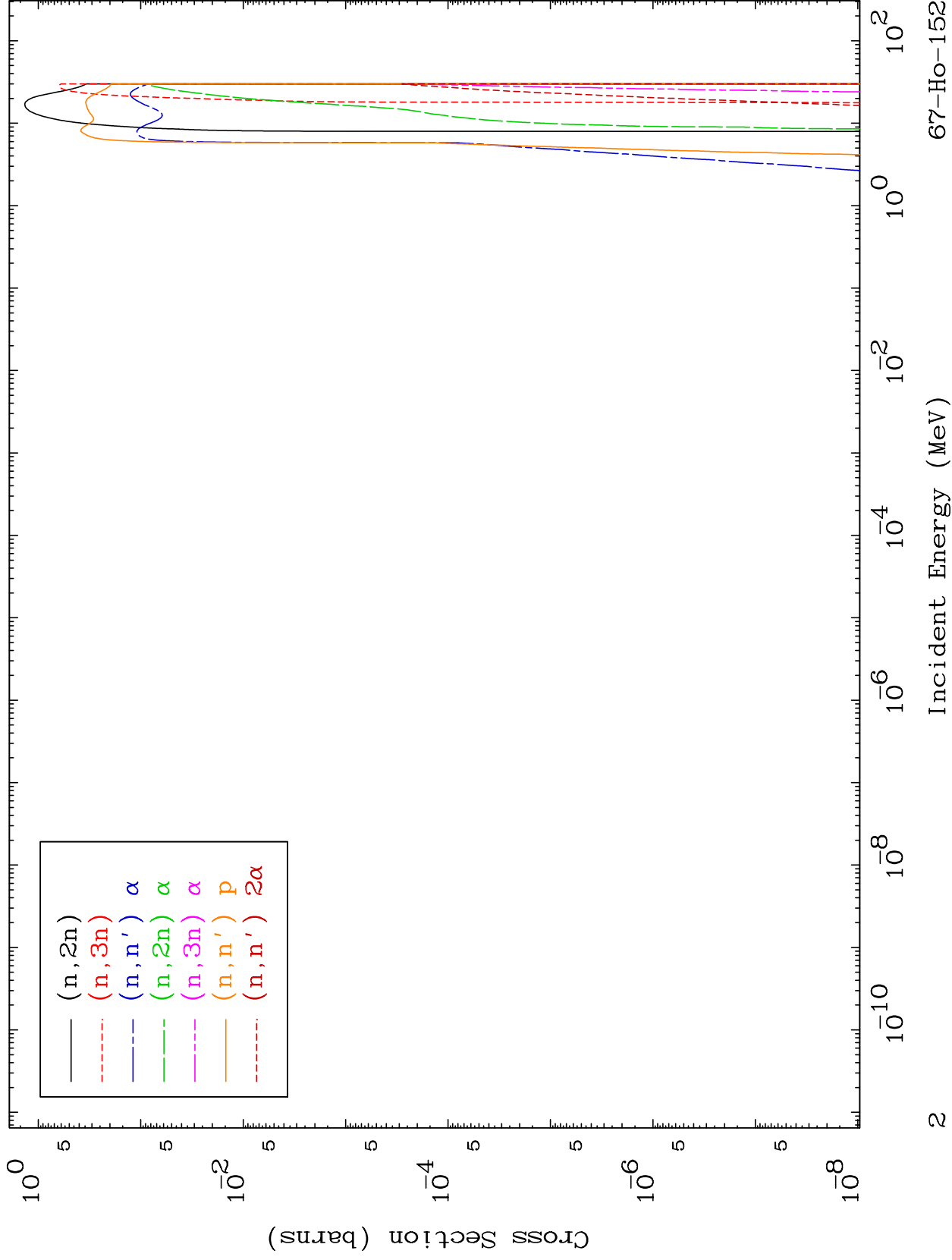
67-Ho-152

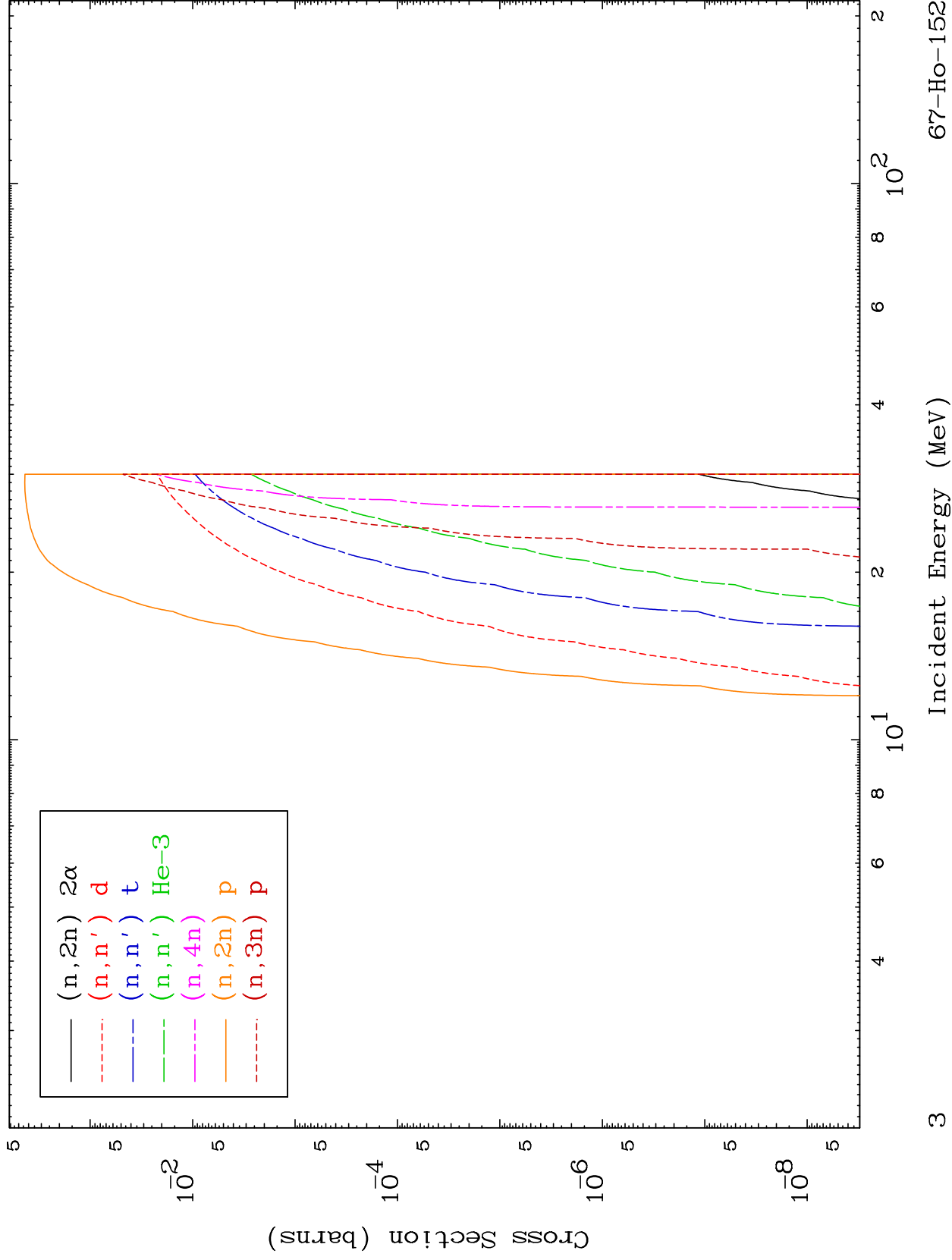


MAT 6687

Neutron Production
293 Kelvin Cross Sections

67-Ho-152

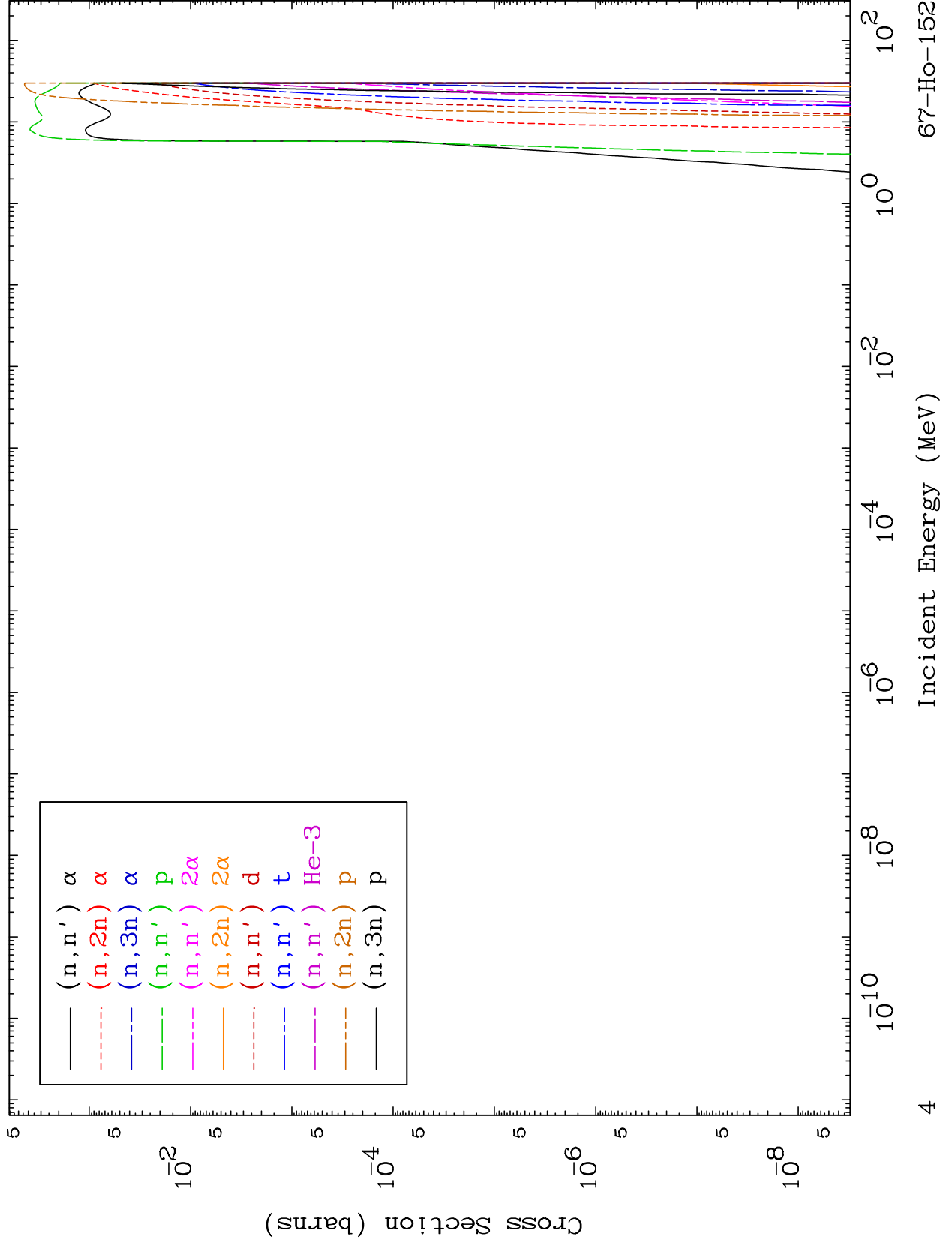


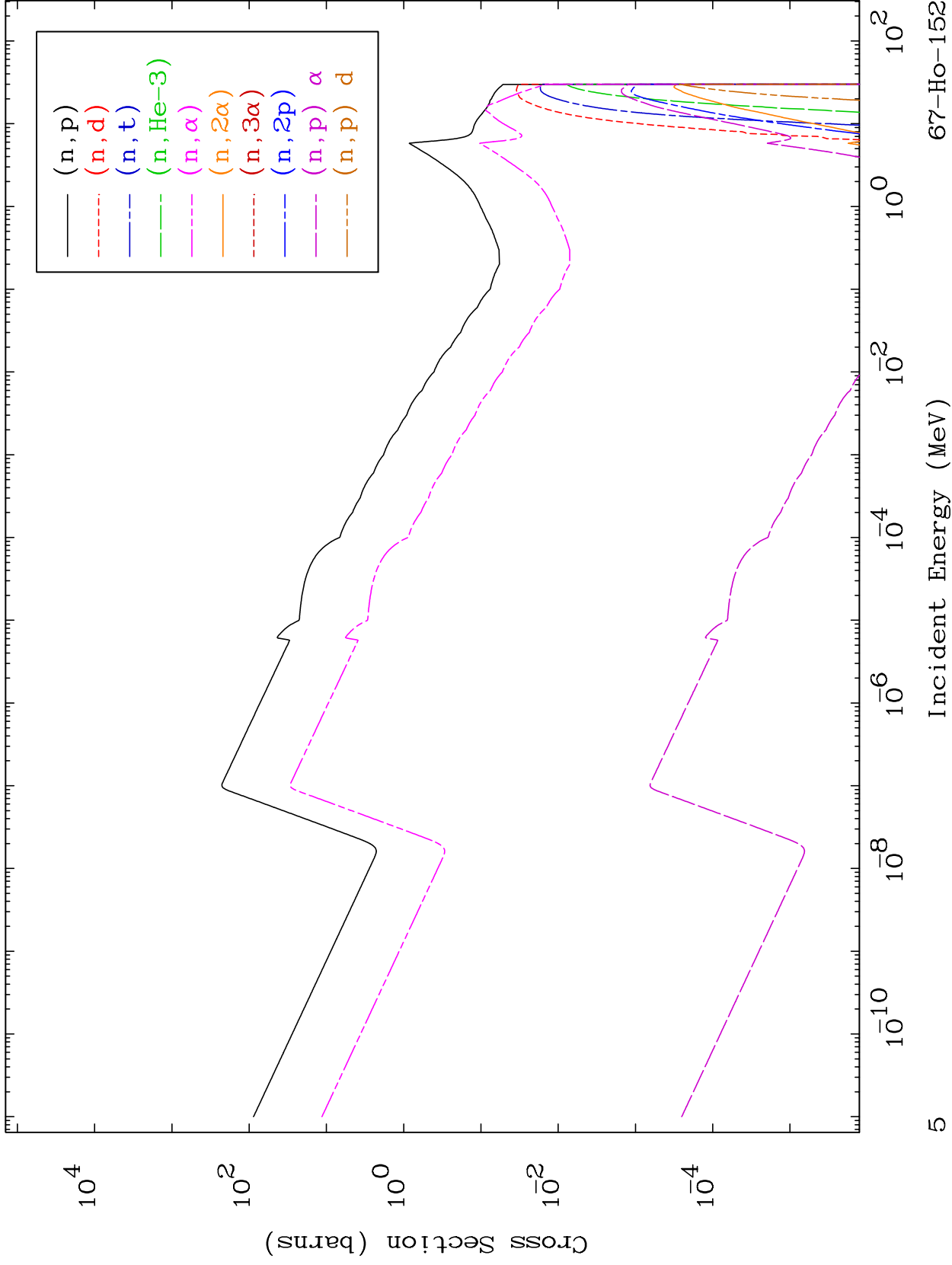


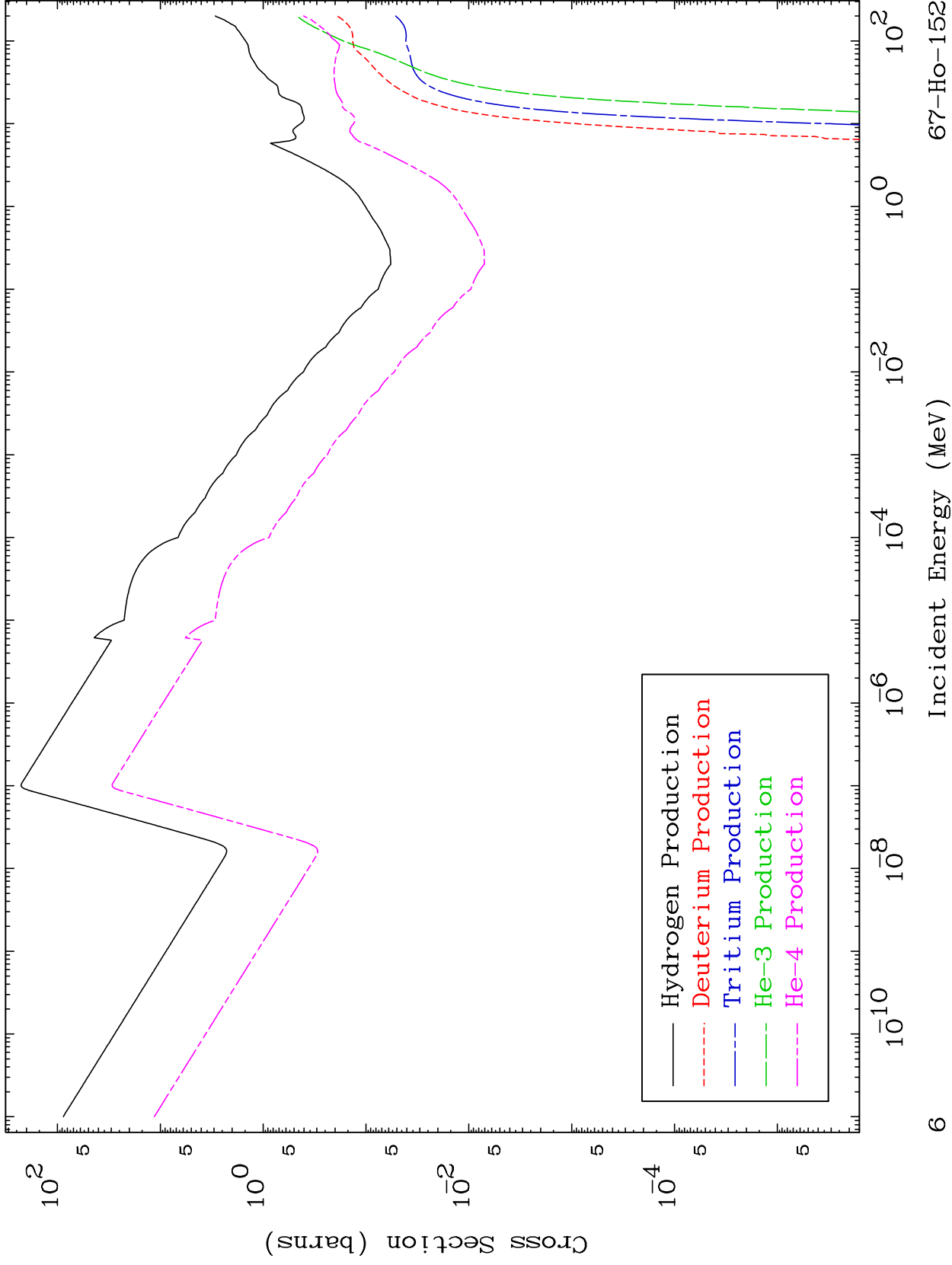
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Charged Particle
293 Kelvin Cross Sections

67-Ho-152





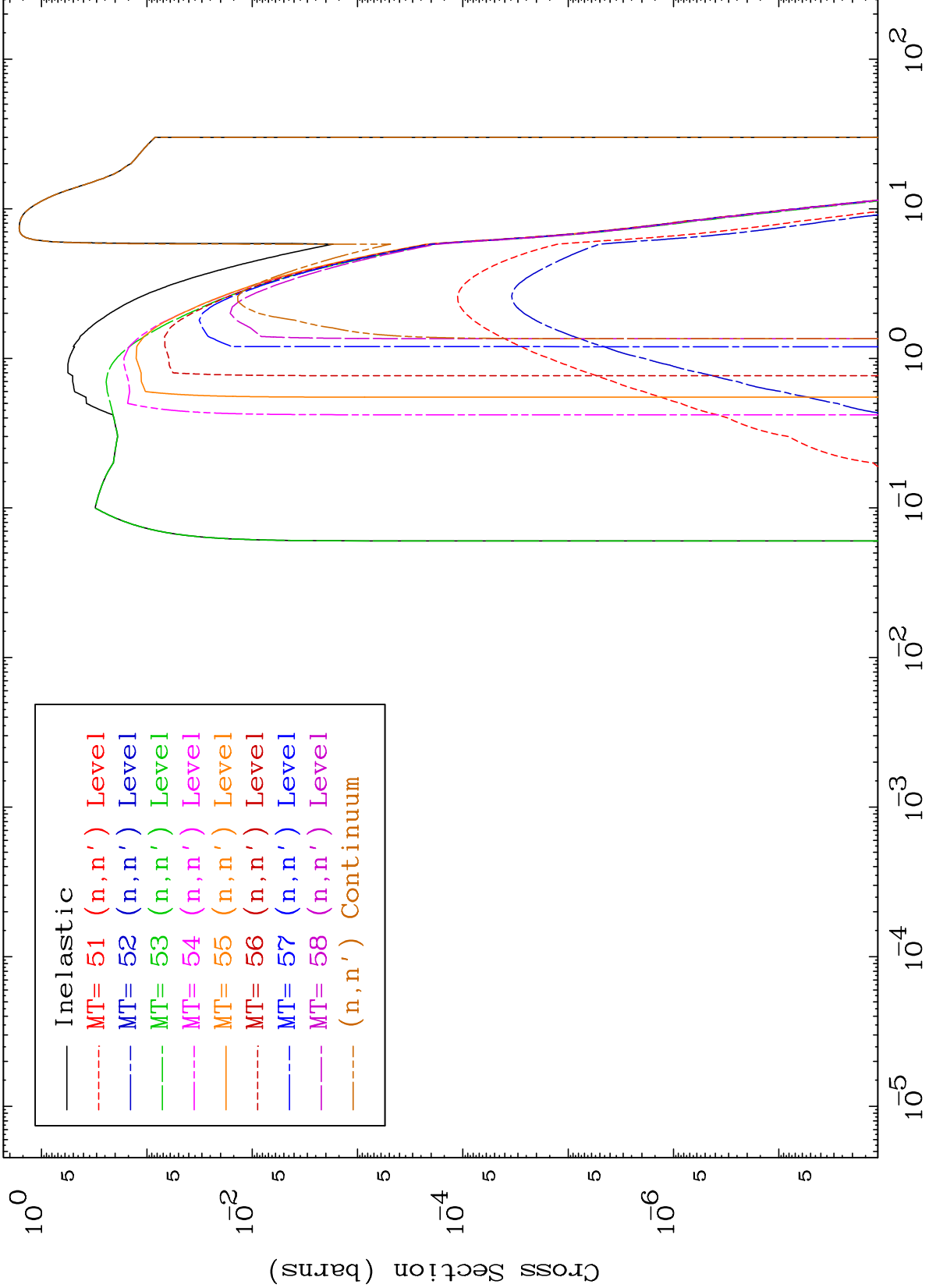


MAT 6687

(n,n') Level

67-Ho-152

293 Kelvin Cross Sections

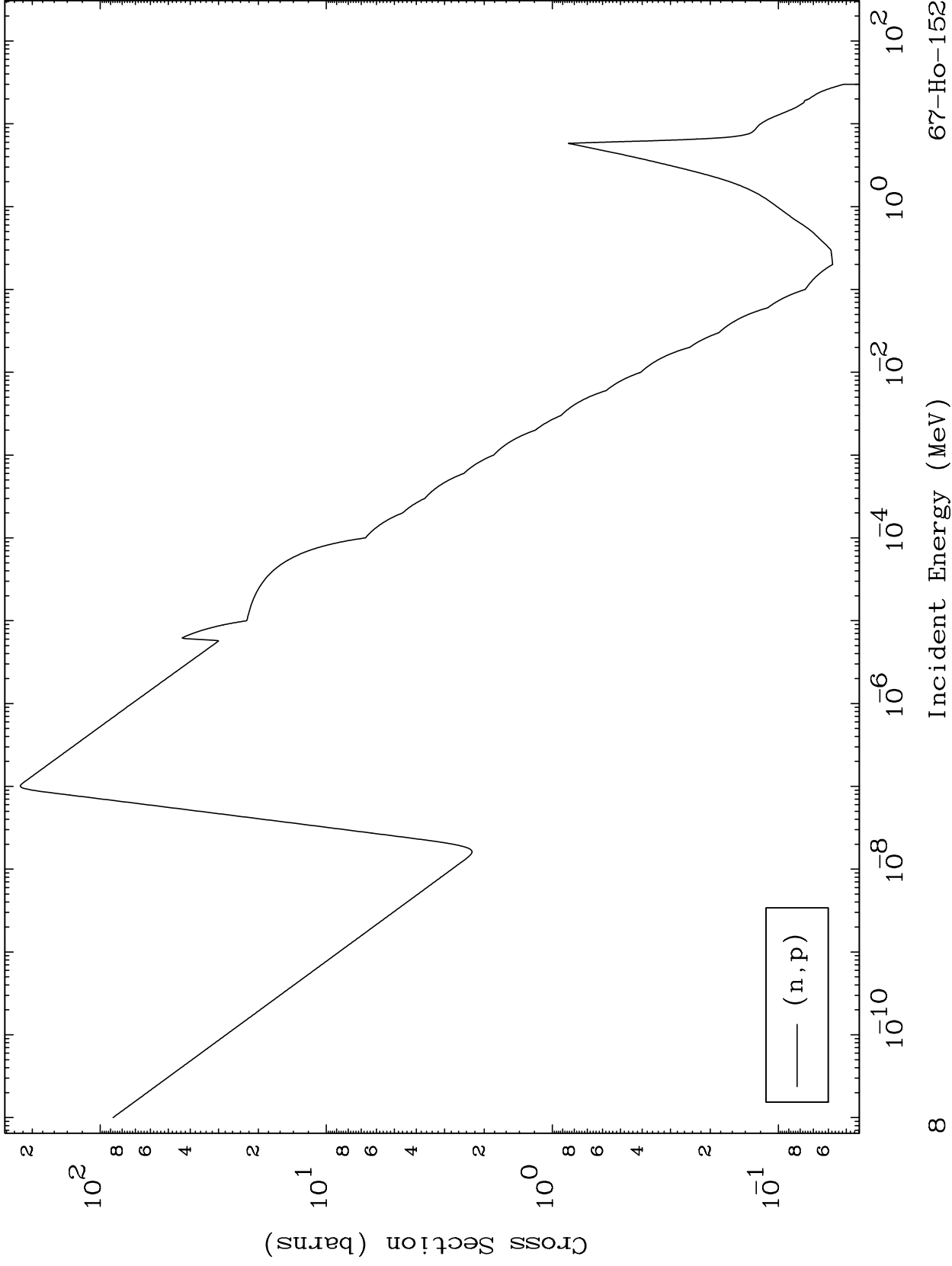


- Inelastic
- - - MT= 51 (n,n') Level
- · - MT= 52 (n,n') Level
- · · MT= 53 (n,n') Level
- - - MT= 54 (n,n') Level
- MT= 55 (n,n') Level
- - - MT= 56 (n,n') Level
- · - MT= 57 (n,n') Level
- · · MT= 58 (n,n') Level
- (n,n') Continuum

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(n,p) Levels
293 Kelvin Cross Sections

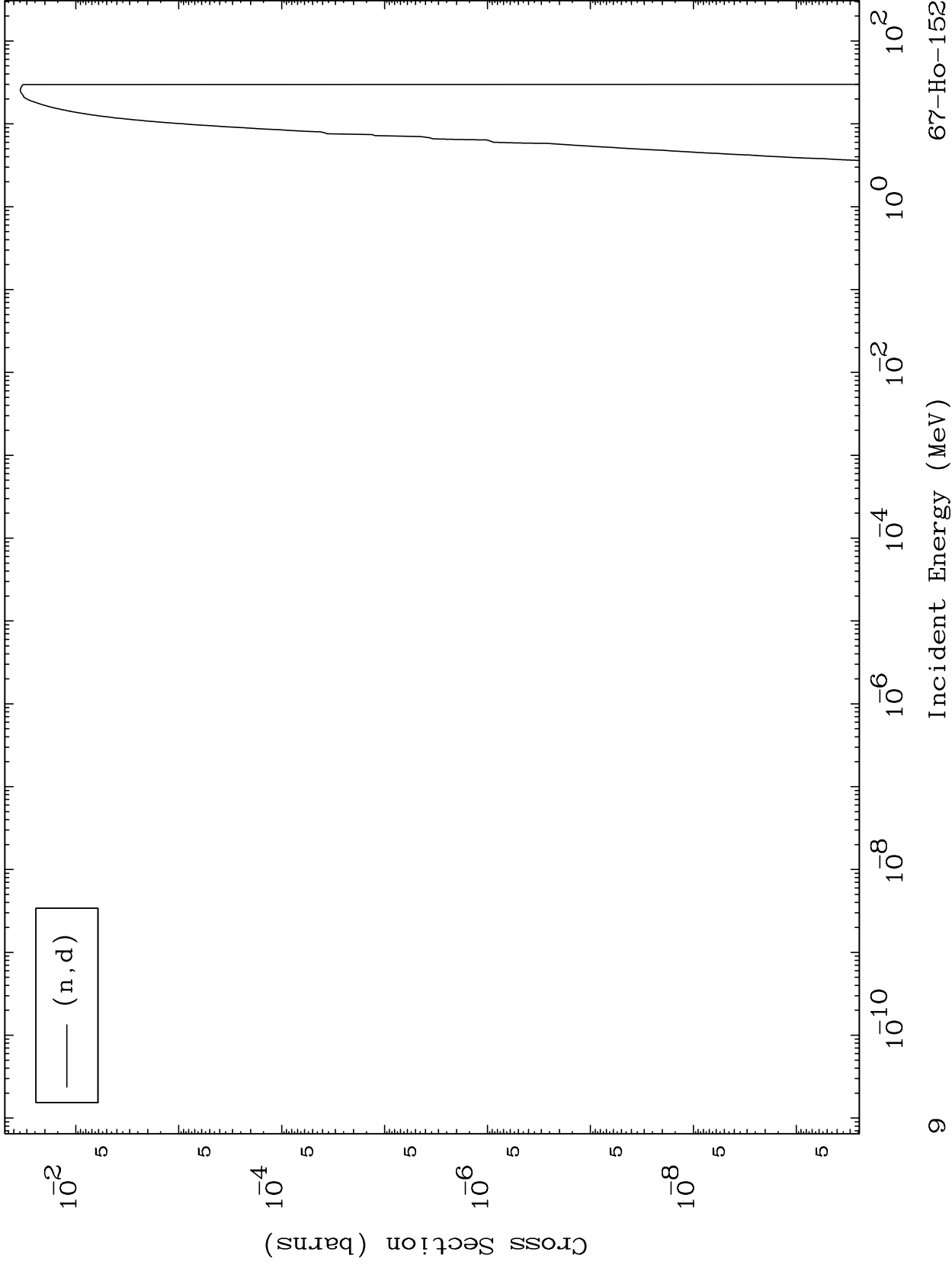
67-Ho-152



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(n,d) Levels
293 Kelvin Cross Sections

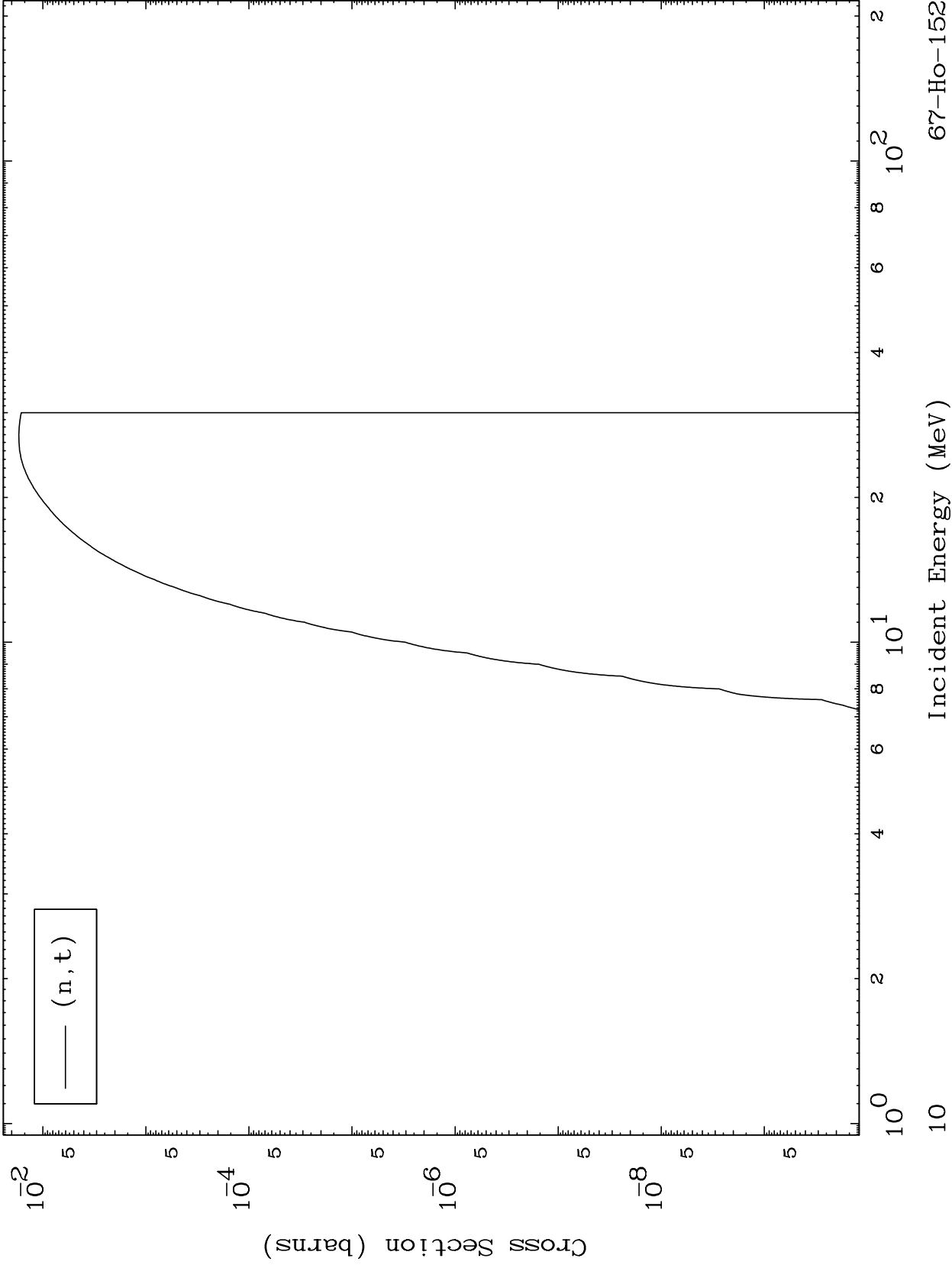
67-Ho-152



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(n,t) Levels
293 Kelvin Cross Sections

67-Ho-152



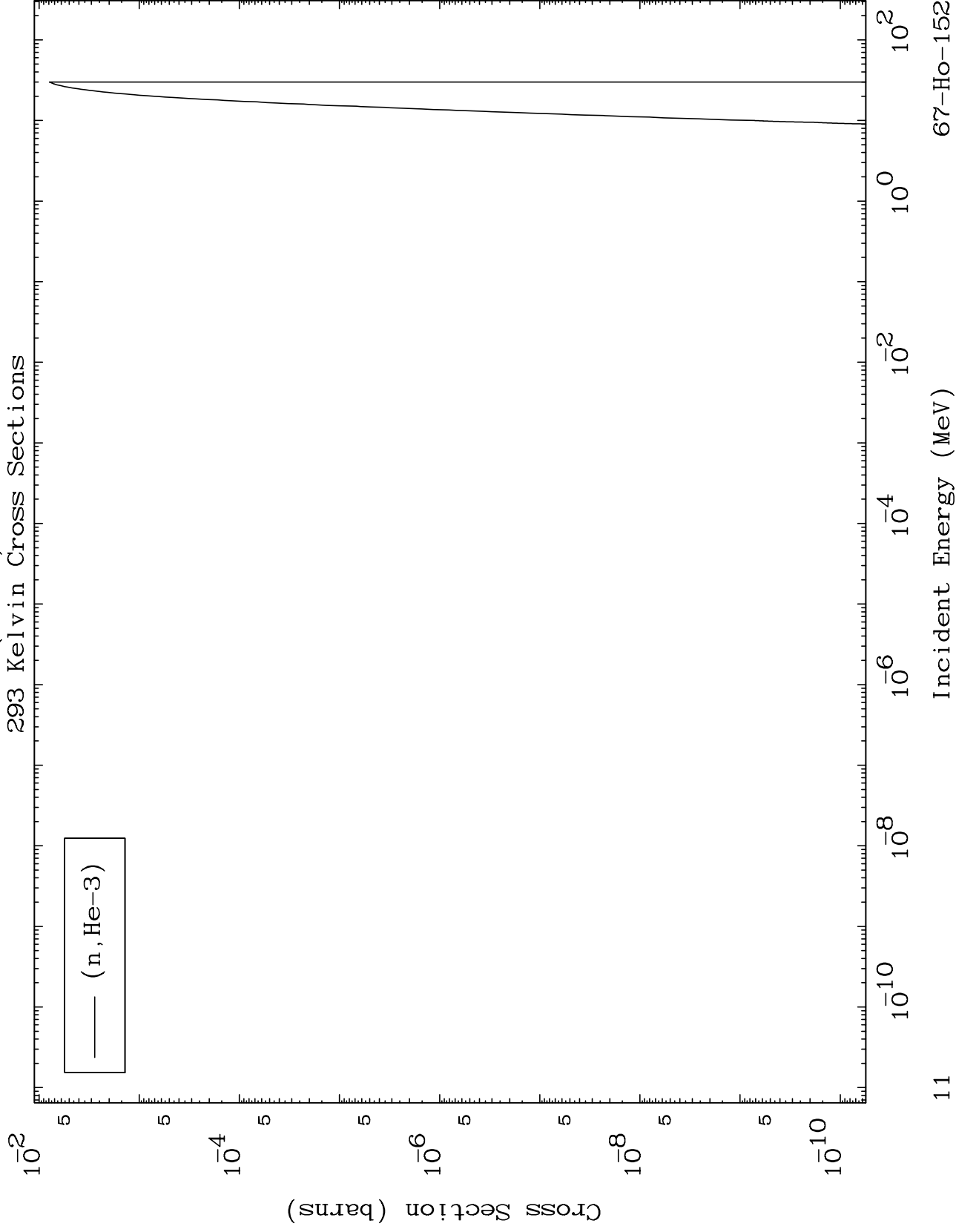
Incident Energy (MeV)

67-Ho-152

MAT 6687

(n,He3) Levels
293 Kelvin Cross Sections

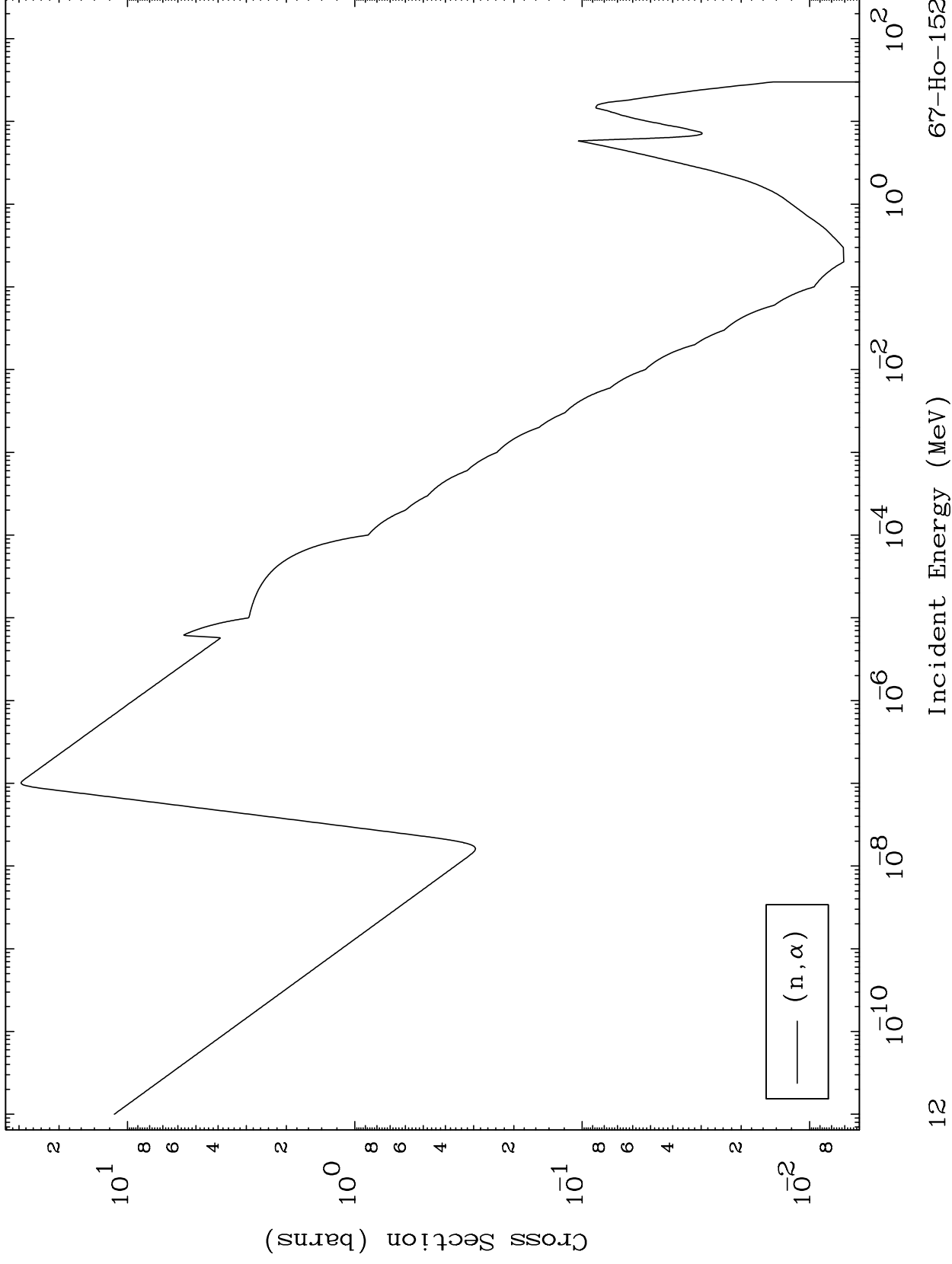
67-Ho-152



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(n, α) Levels
293 Kelvin Cross Sections

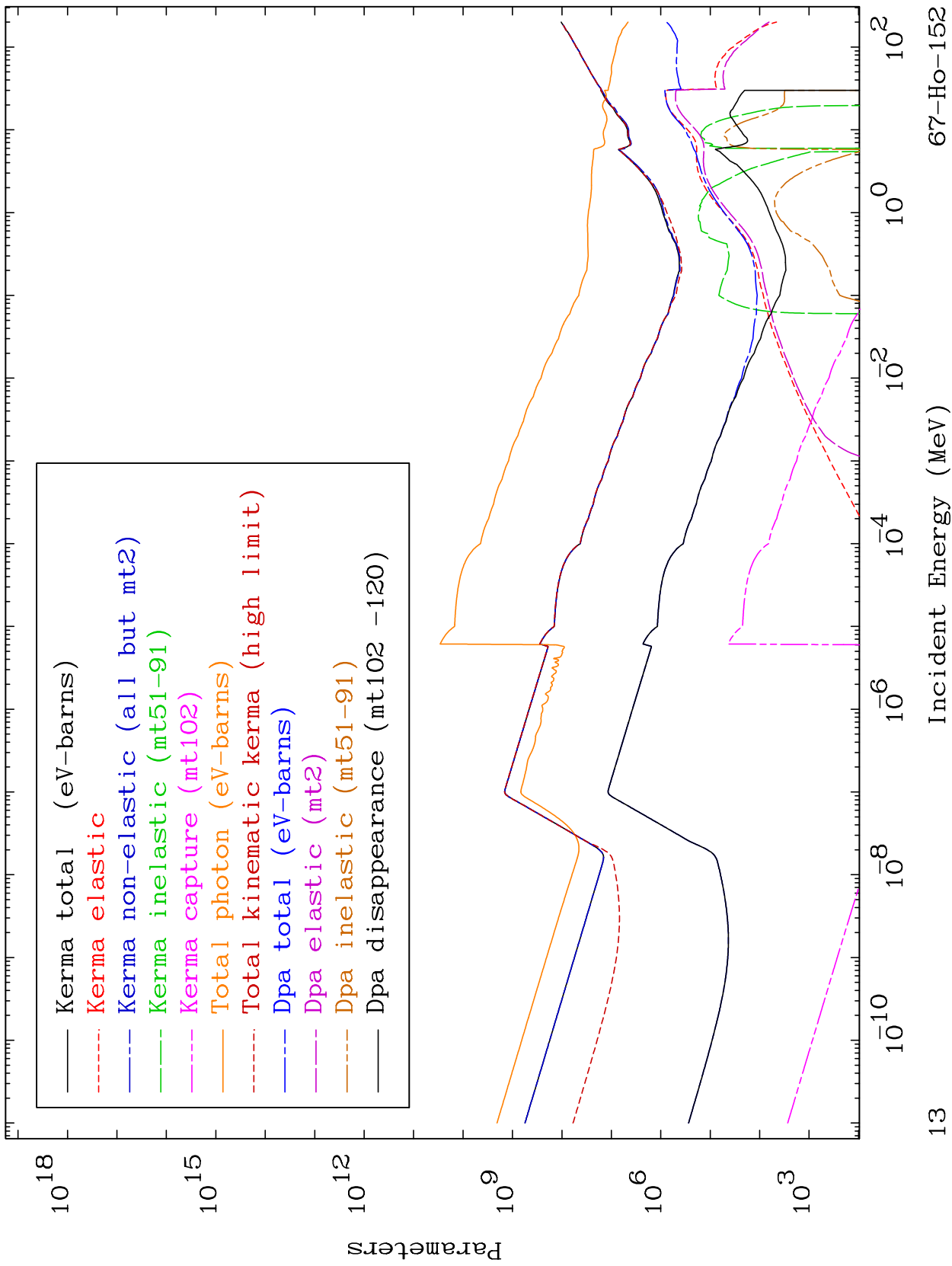
67-Ho-152



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Incident Energy (MeV)

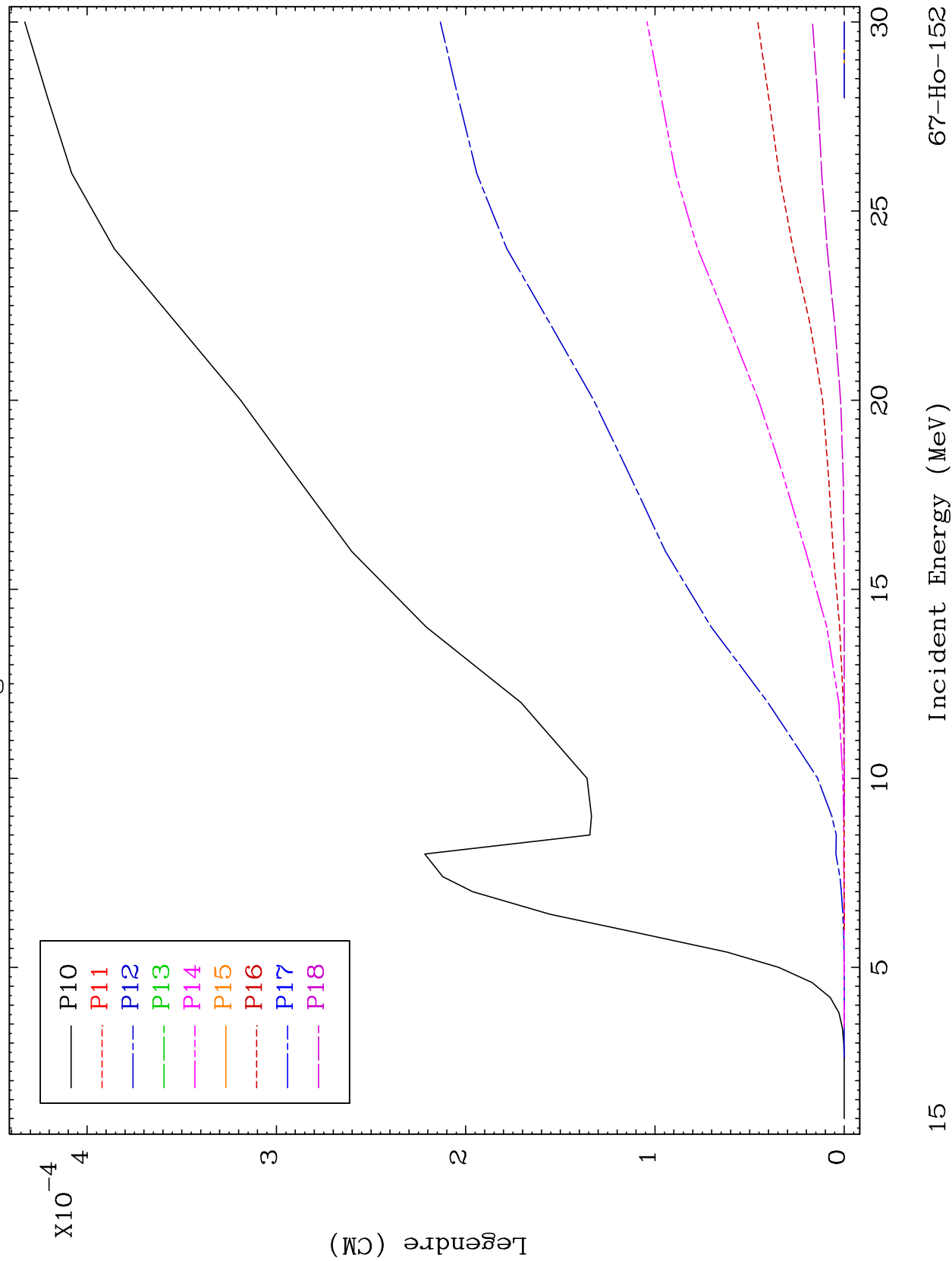
67-Ho-152



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Elastic Legendre Coefficients

67-Ho-152



15

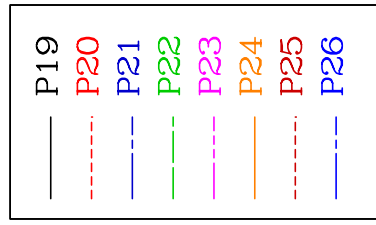
Incident Energy (MeV)

67-Ho-152

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Elastic
Legendre Coefficients

67-Ho-152



$\times 10^{-6}$

Legendre (CM)



16

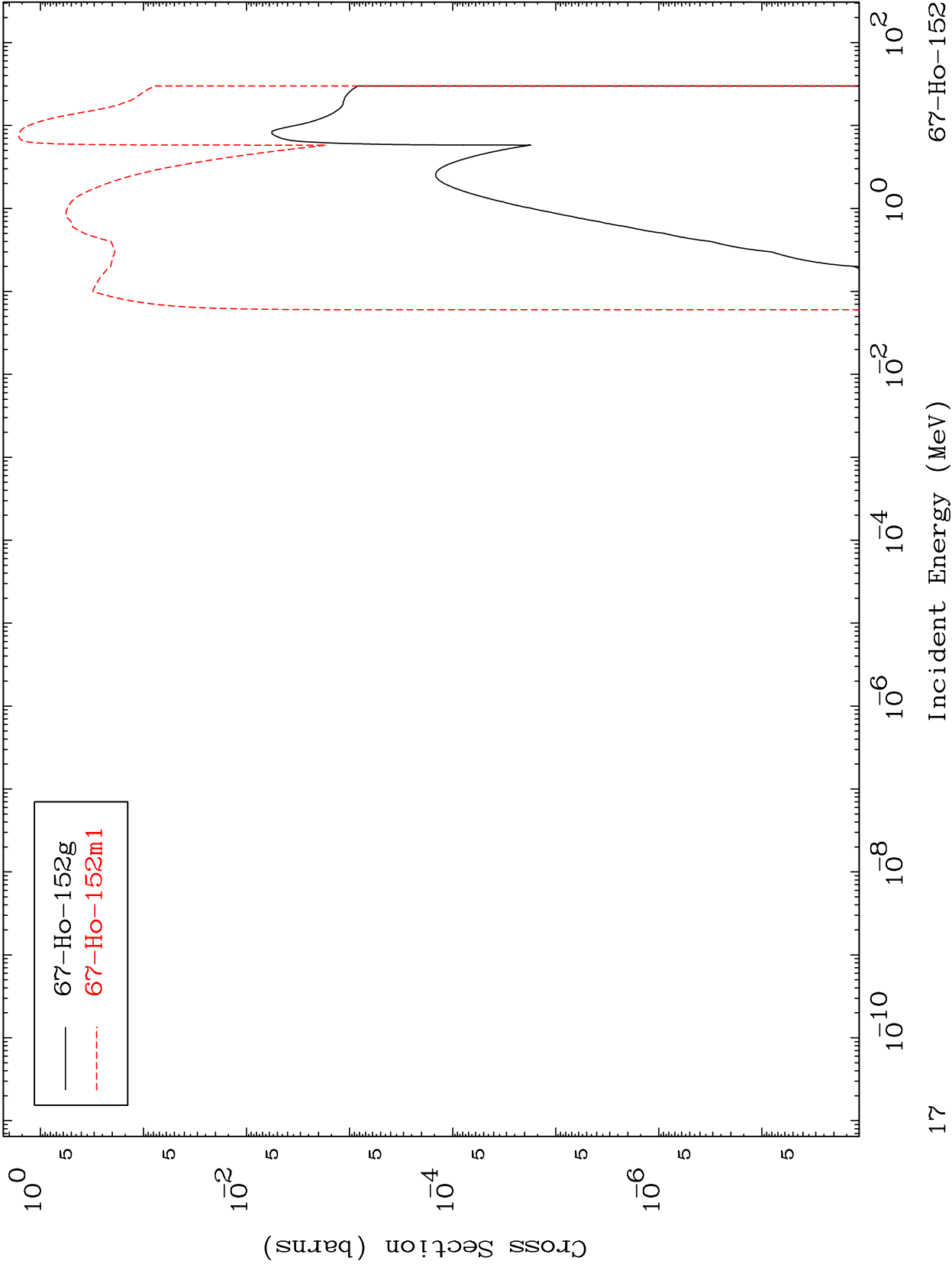
Incident Energy (MeV)

67-Ho-152

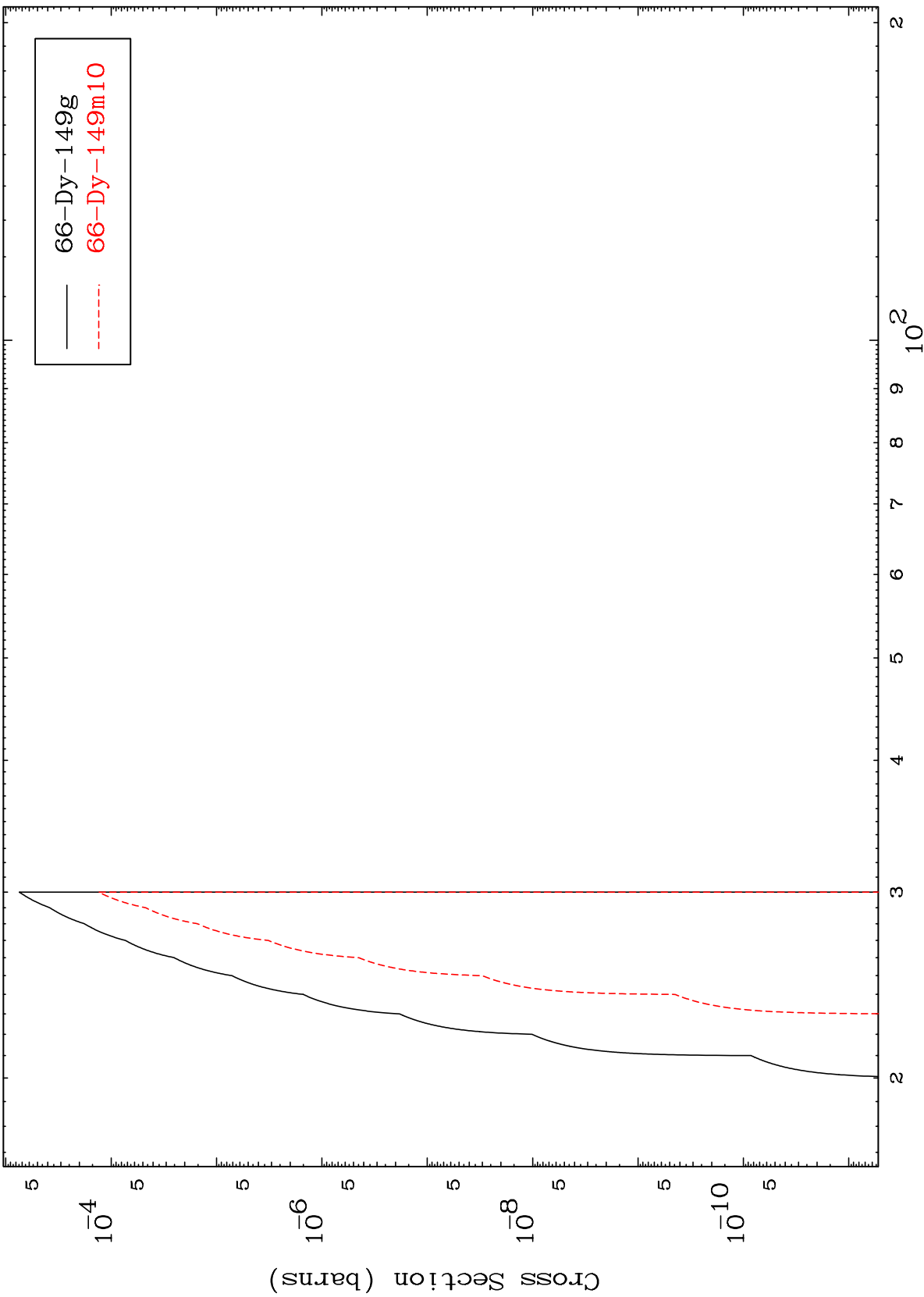
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Inelastic
Radionuclide Production Cross Section

67-Ho-152



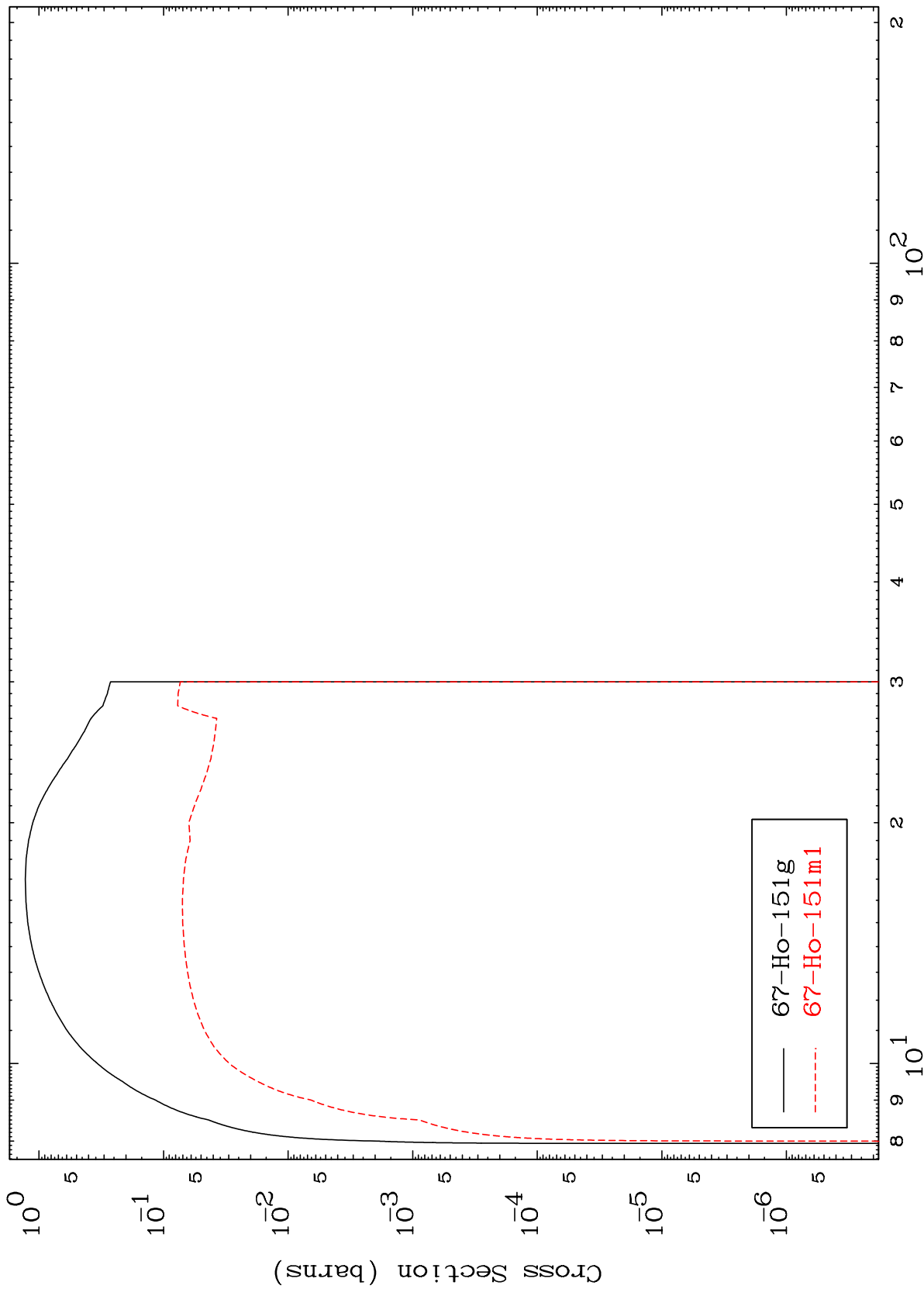
Radionuclide Production Cross Section



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67-Ho-152

(n,2n)
Radionuclide Production Cross Section



67-Ho-152

Incident Energy (MeV)

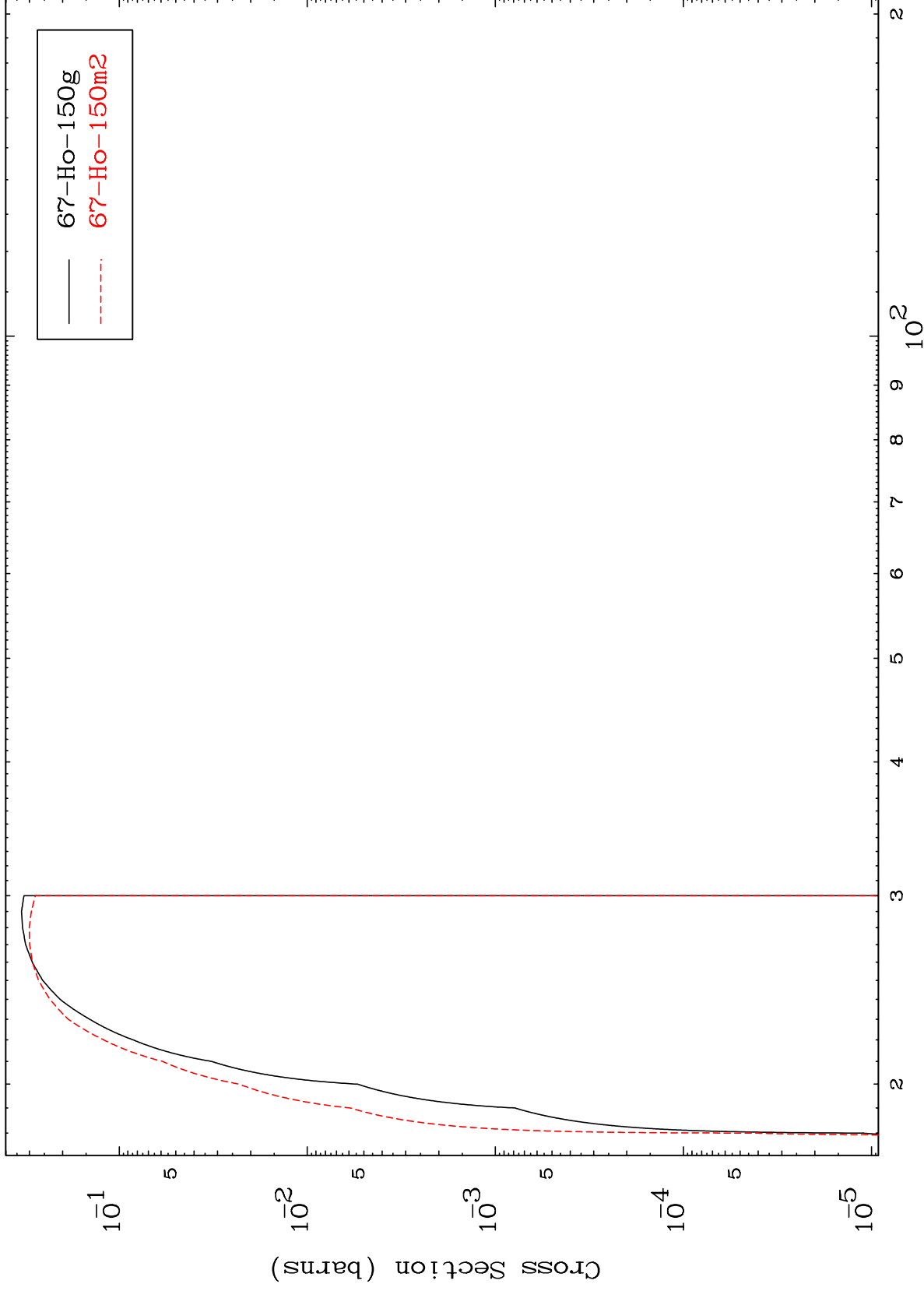
19

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(n,3n)

67-Ho-152

Radionuclide Production Cross Section



20

Incident Energy (MeV)

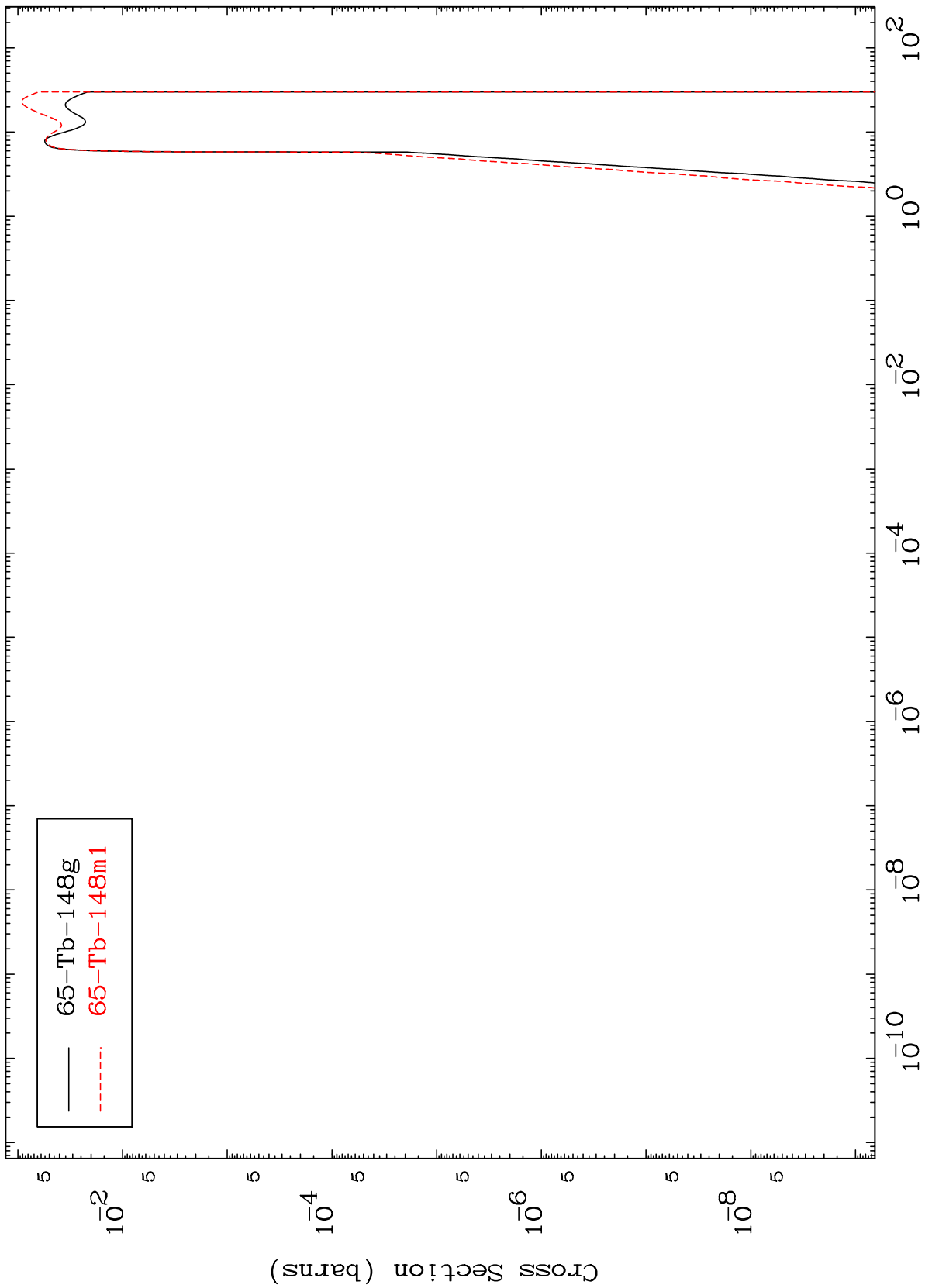
67-Ho-152

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$(n, n') \alpha$

67-Ho-152

Radionuclide Production Cross Section

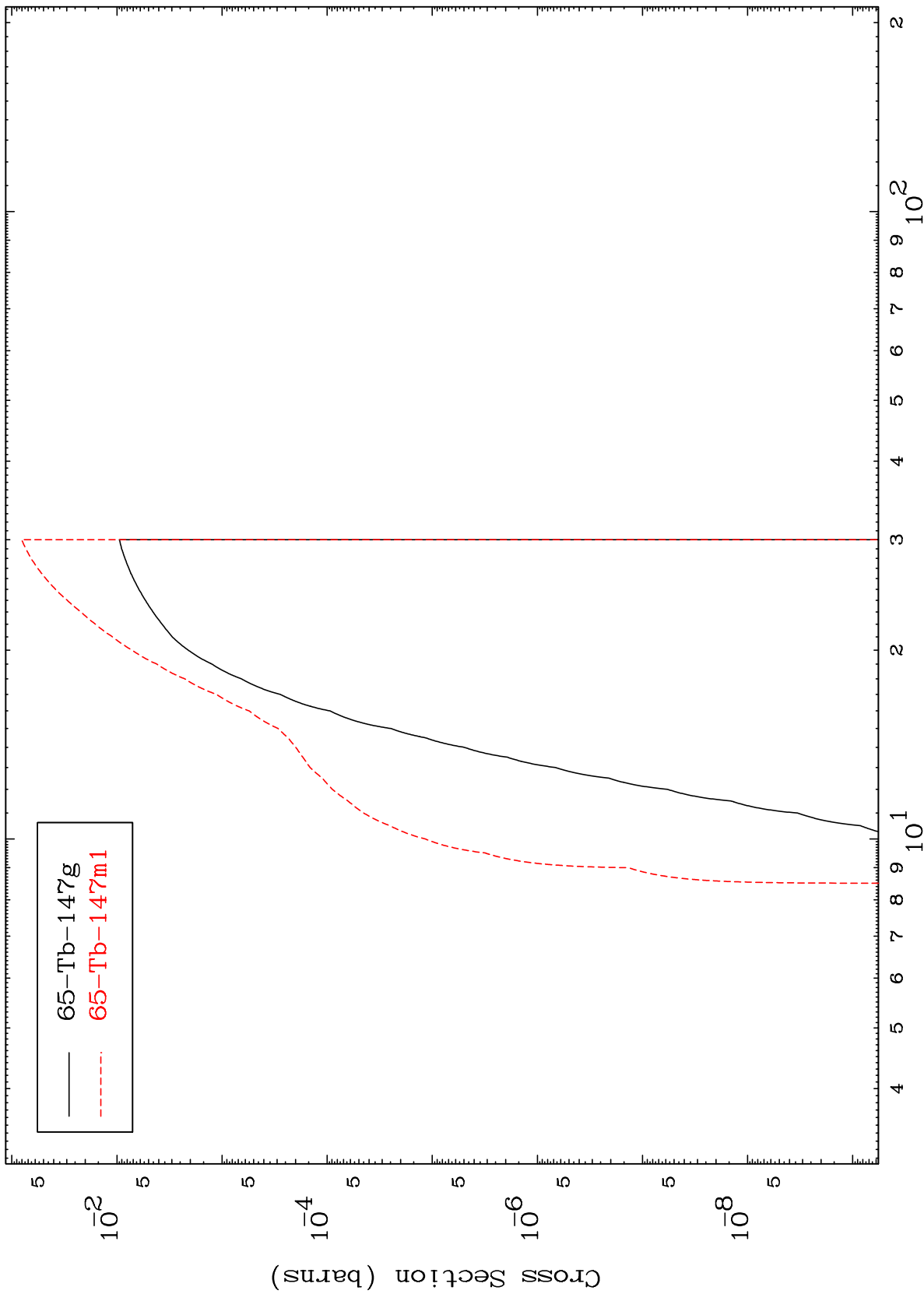


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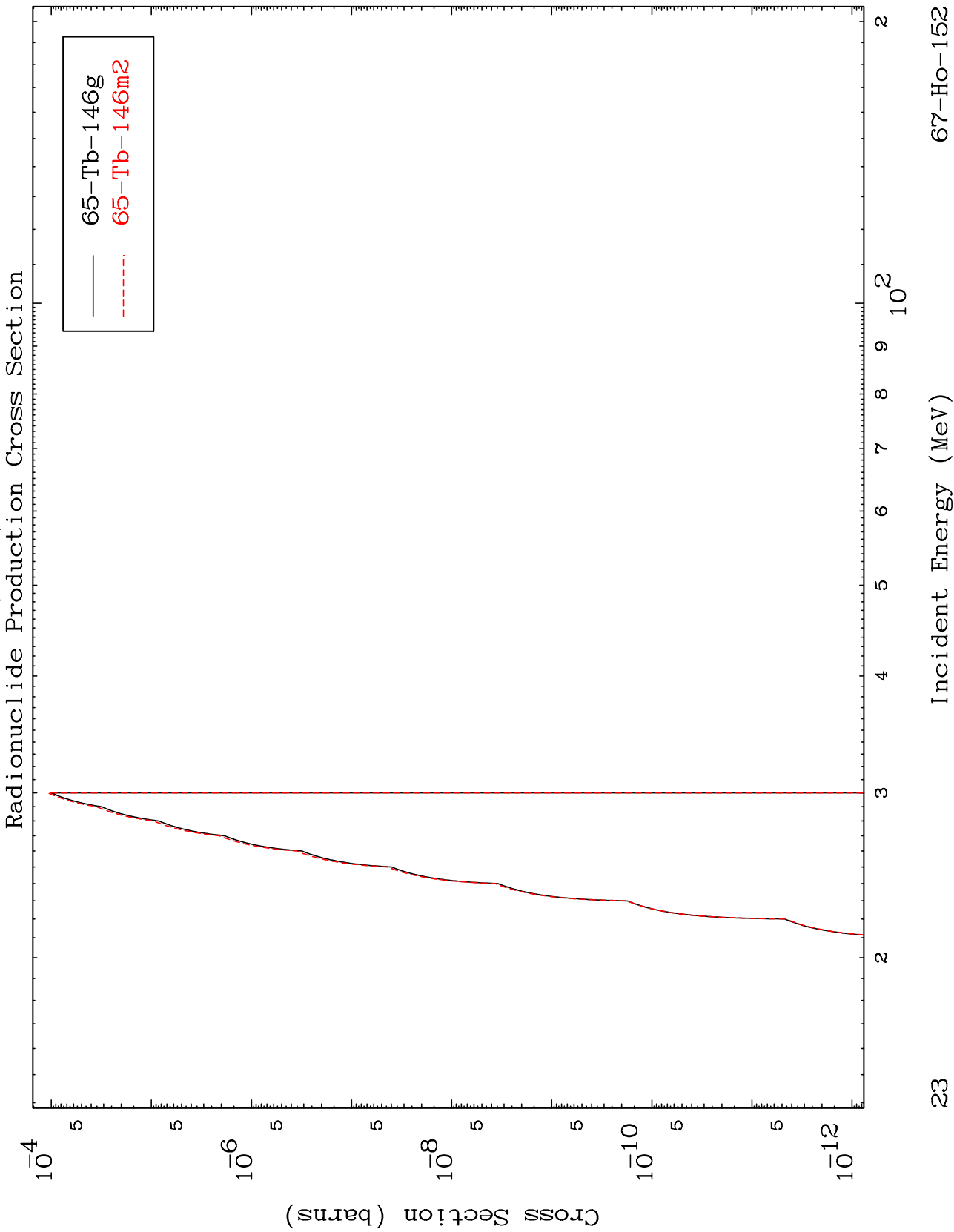
$(n,2n) \alpha$

67-Ho-152

Radionuclide Production Cross Section



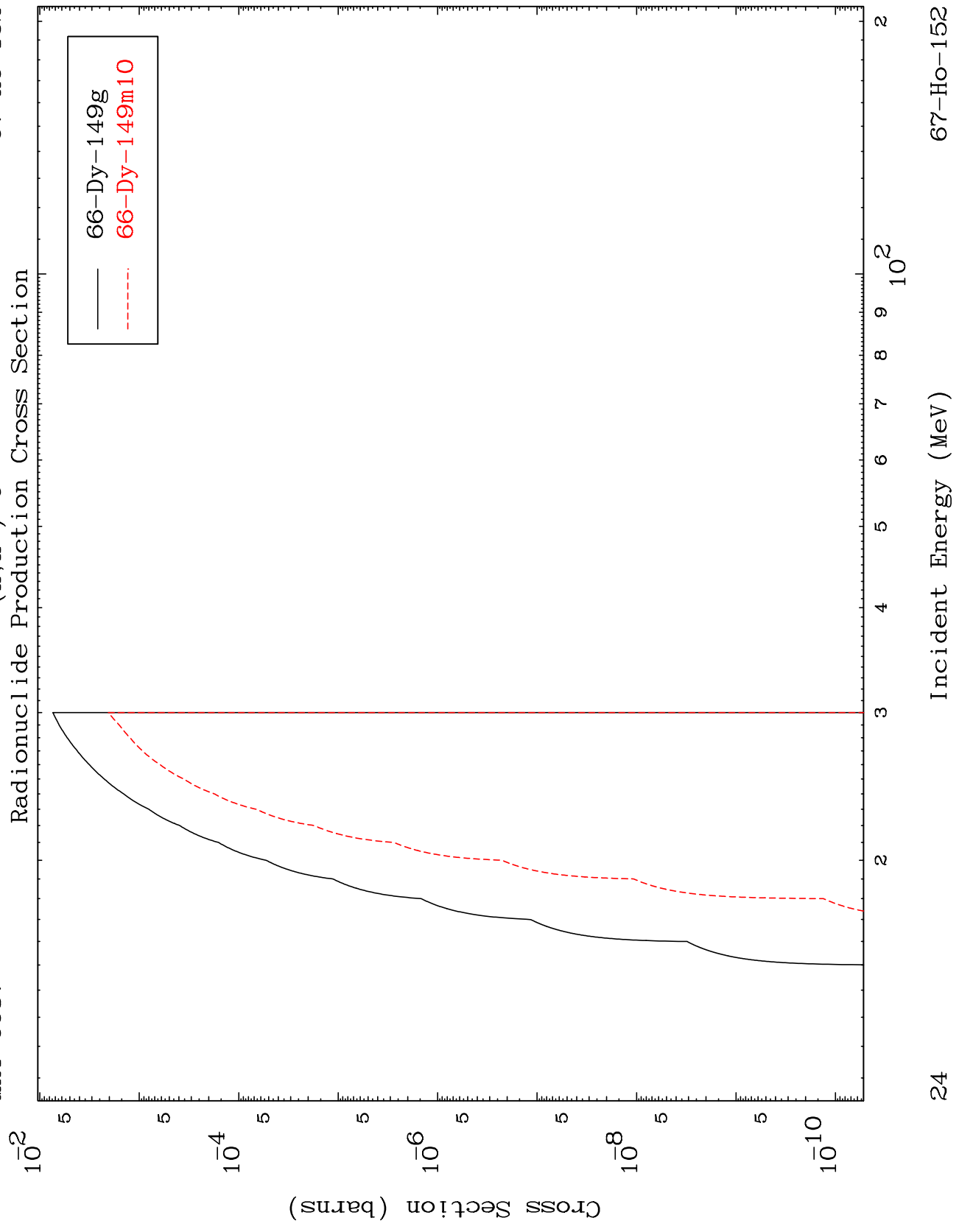
65-Tb-147g
65-Tb-147m1



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(n,n') t

67-Ho-152



24

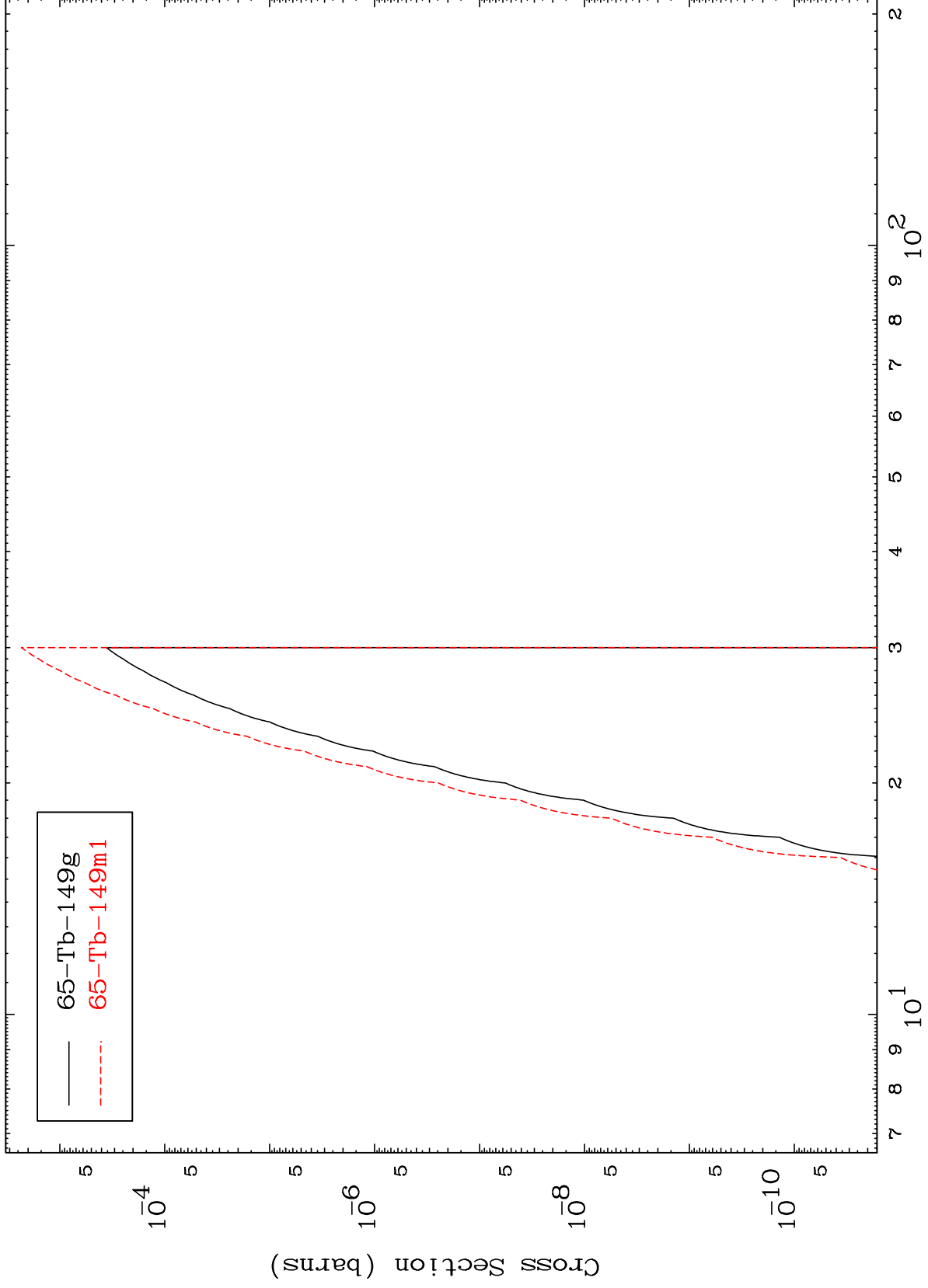
67-Ho-152

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(n,n') He-3

67-Ho-152

Radionuclide Production Cross Section



25

Incident Energy (MeV)

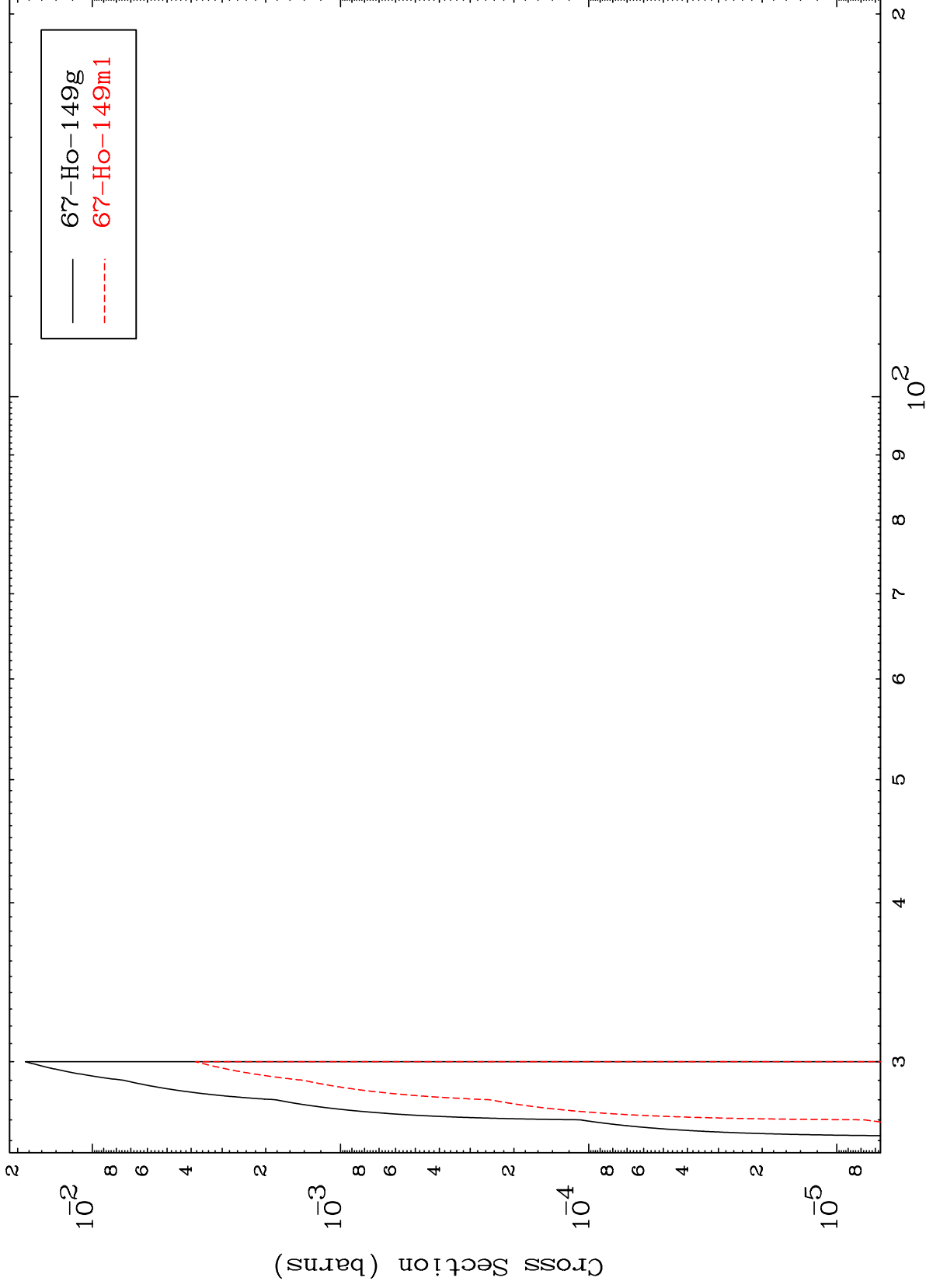
67-Ho-152

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(n,4n)

67-Ho-152

Radionuclide Production Cross Section



26

Incident Energy (MeV)

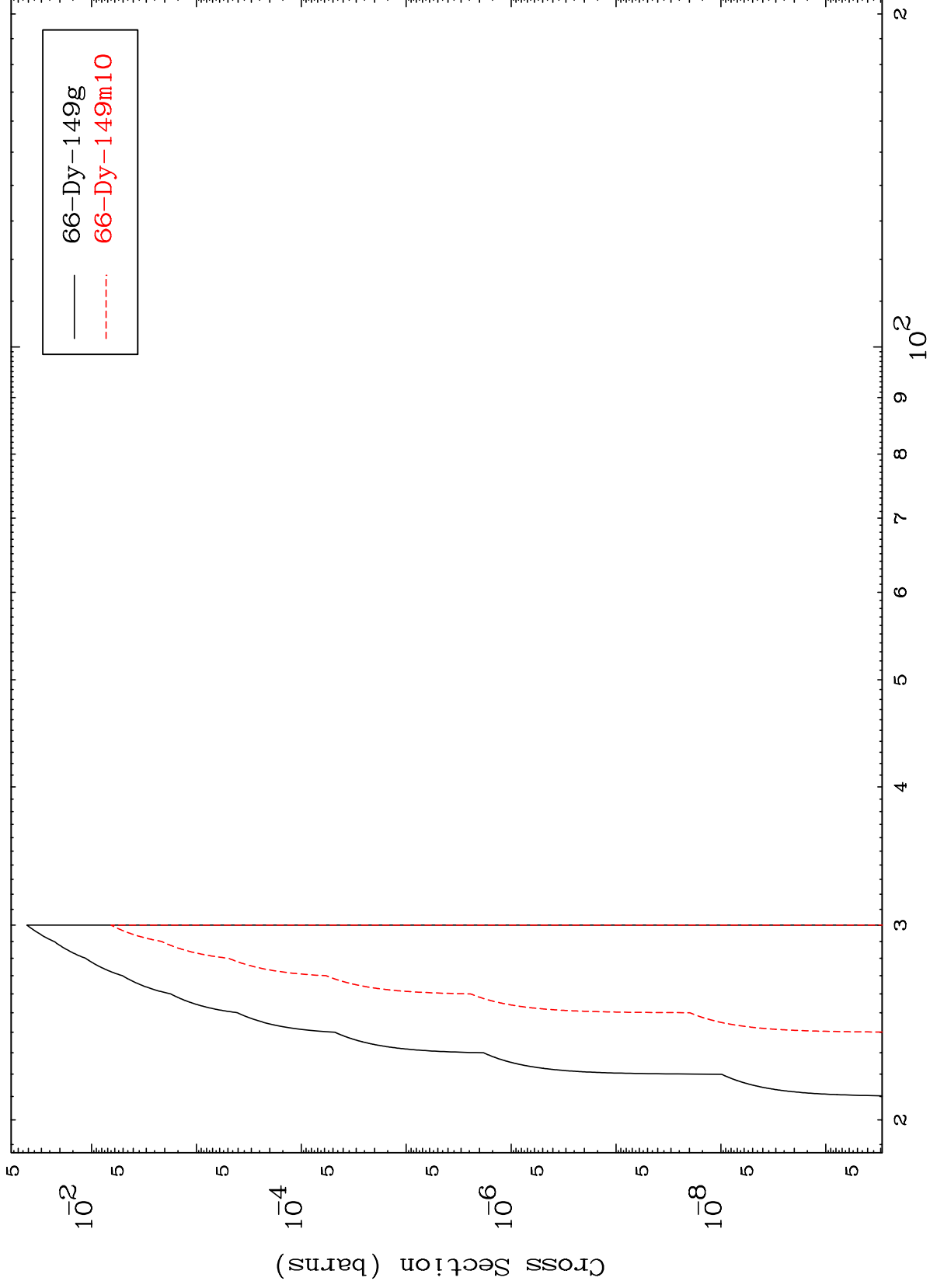
67-Ho-152

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(n,3n) p

67-Ho-152

Radionuclide Production Cross Section



27

Incident Energy (MeV)

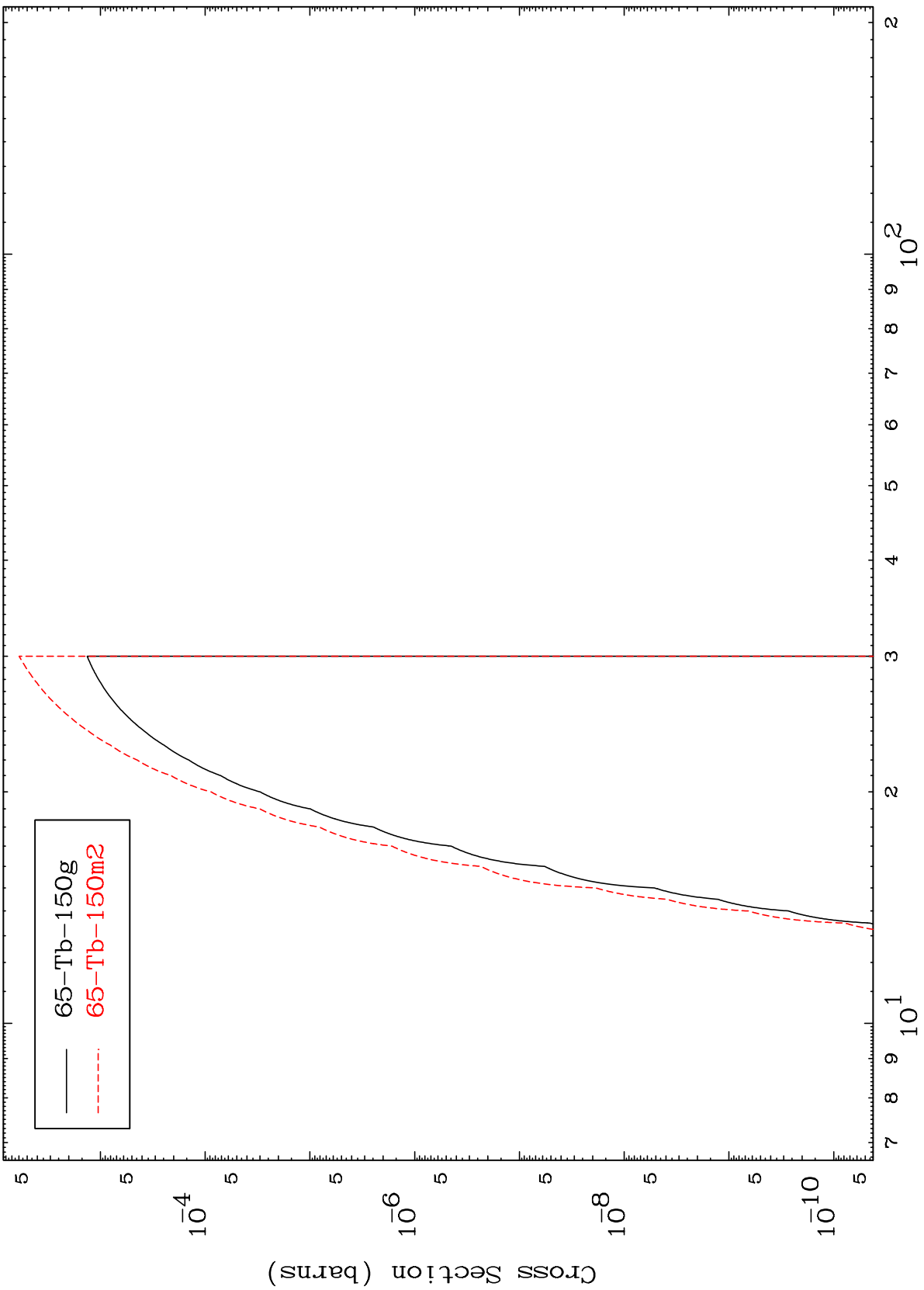
67-Ho-152

MAT 6687

(n,2n) p

67-Ho-152

Radionuclide Production Cross Section



65-Tb-150g
65-Tb-150m2

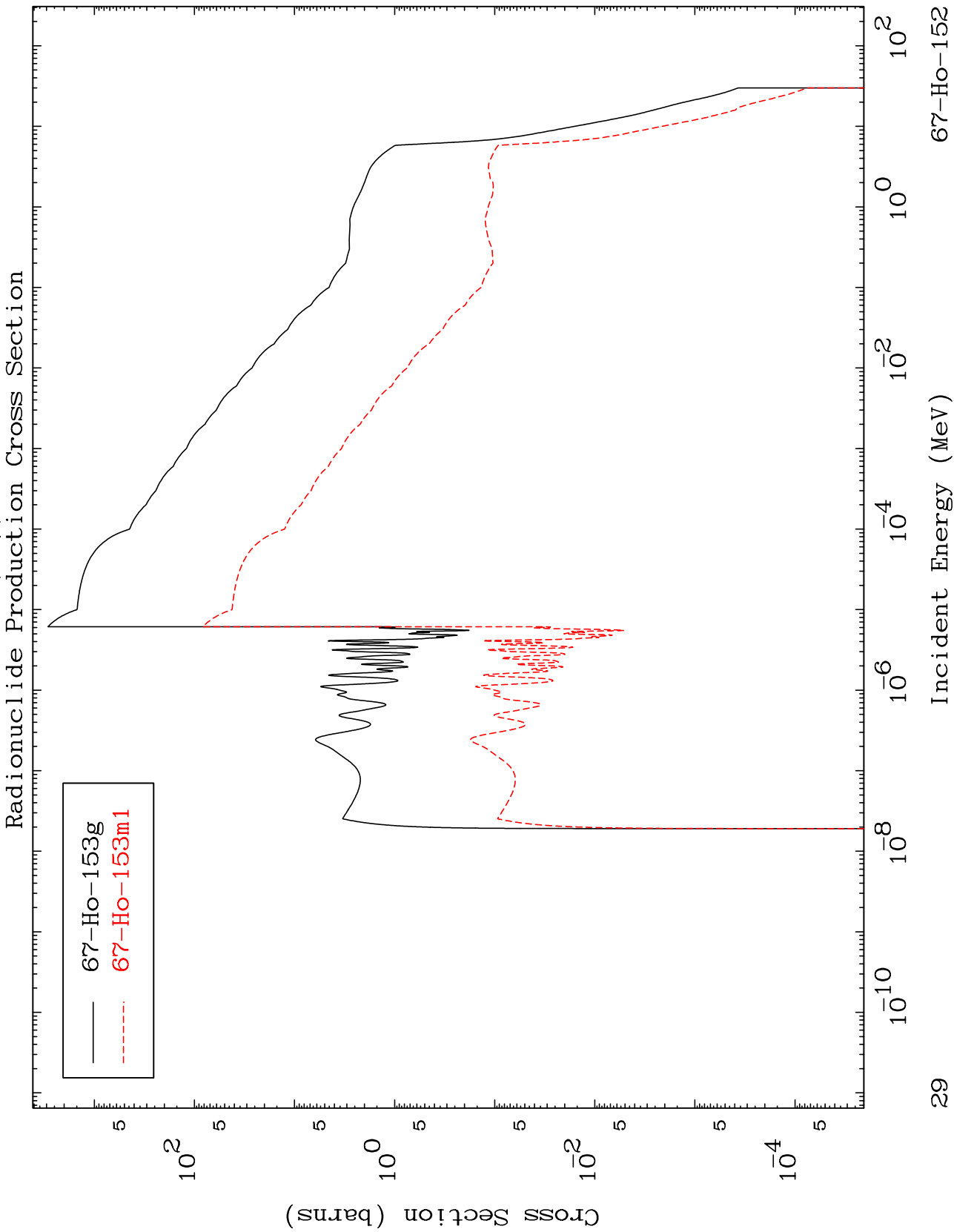
28

Incident Energy (MeV)

67-Ho-152

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⁶⁷Ho-152

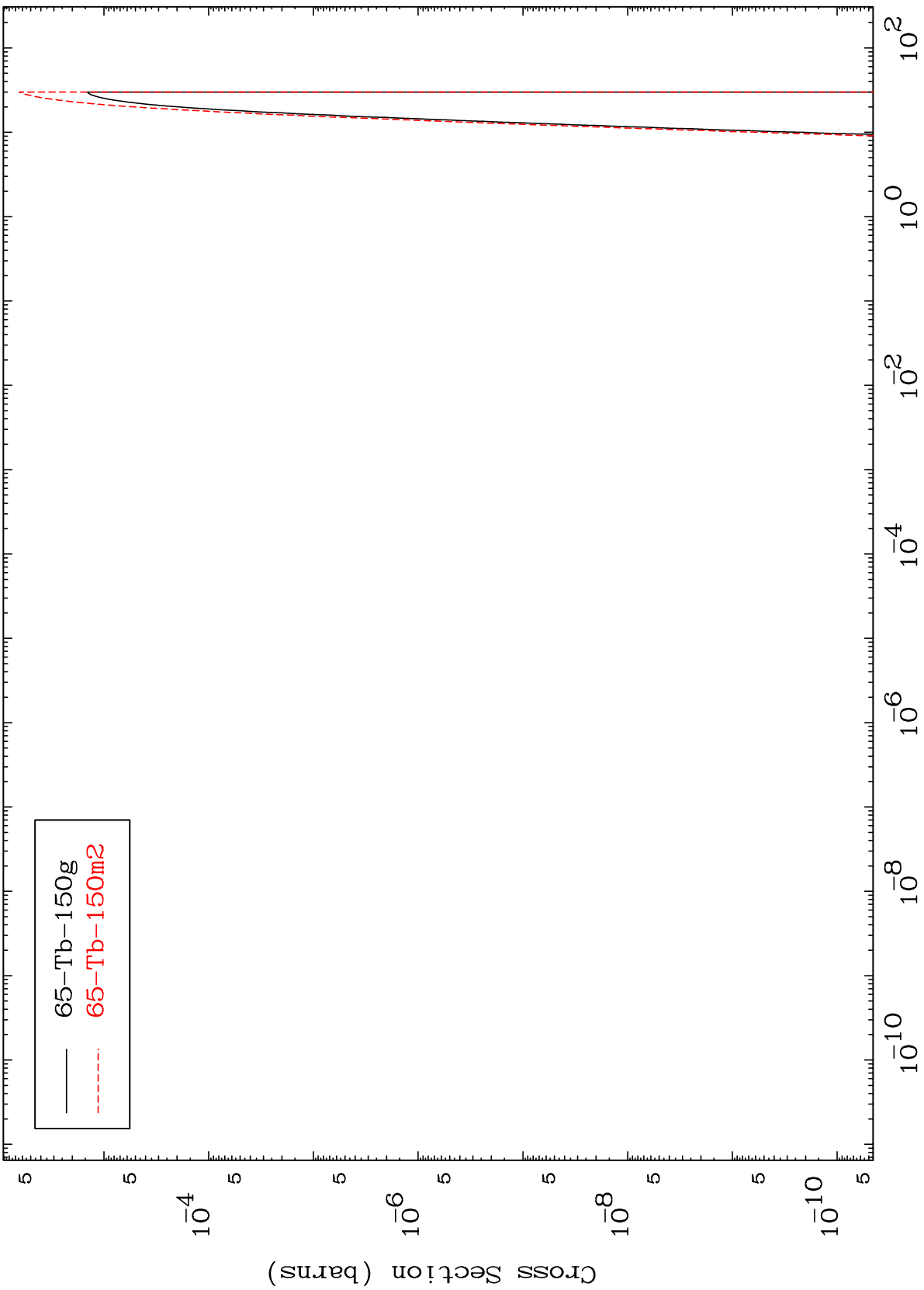


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(n,He-3)

67-Ho-152

Radionuclide Production Cross Section



30

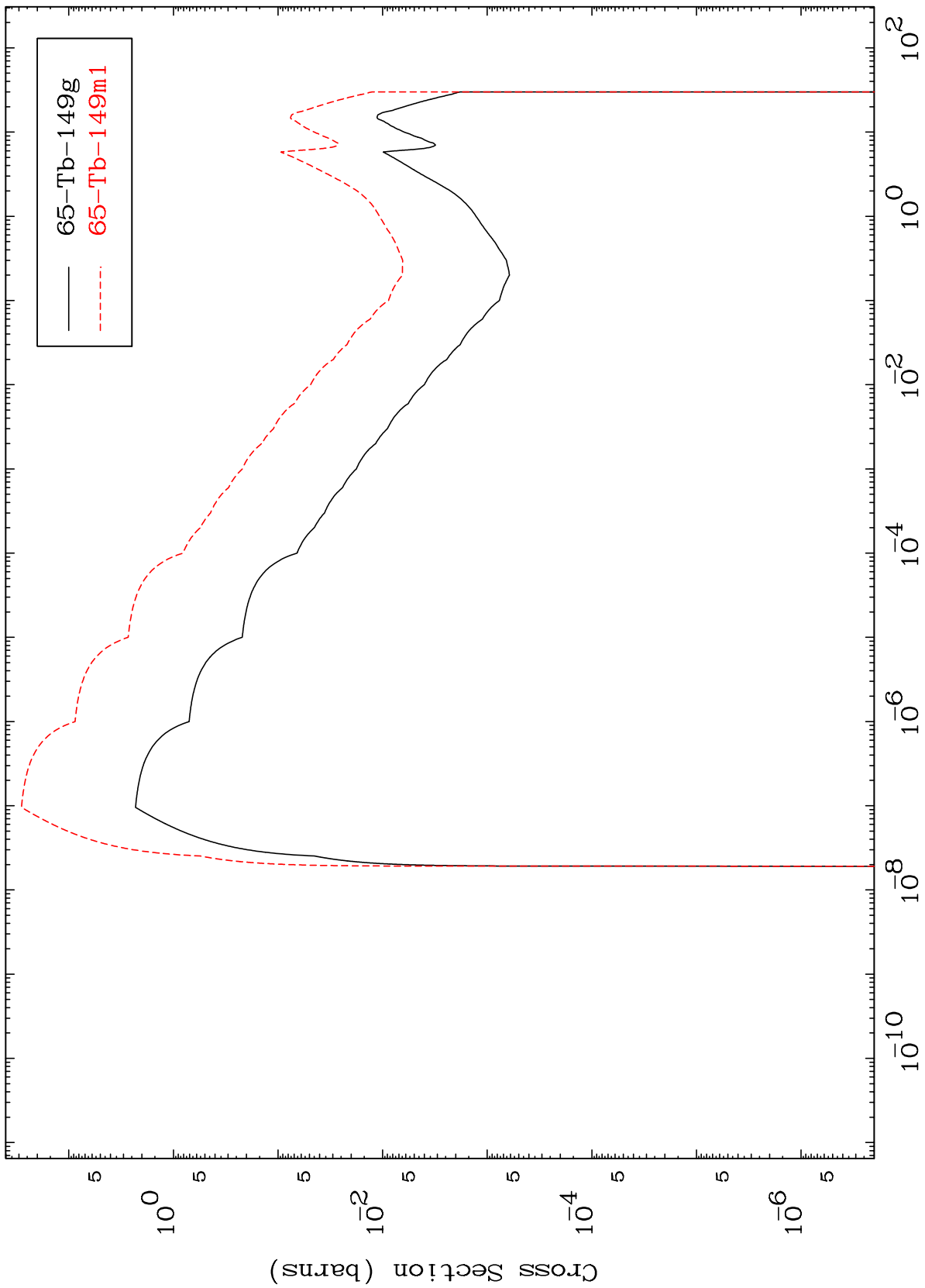
Incident Energy (MeV)

67-Ho-152

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67-Ho-152

(n, α)
Radionuclide Production Cross Section

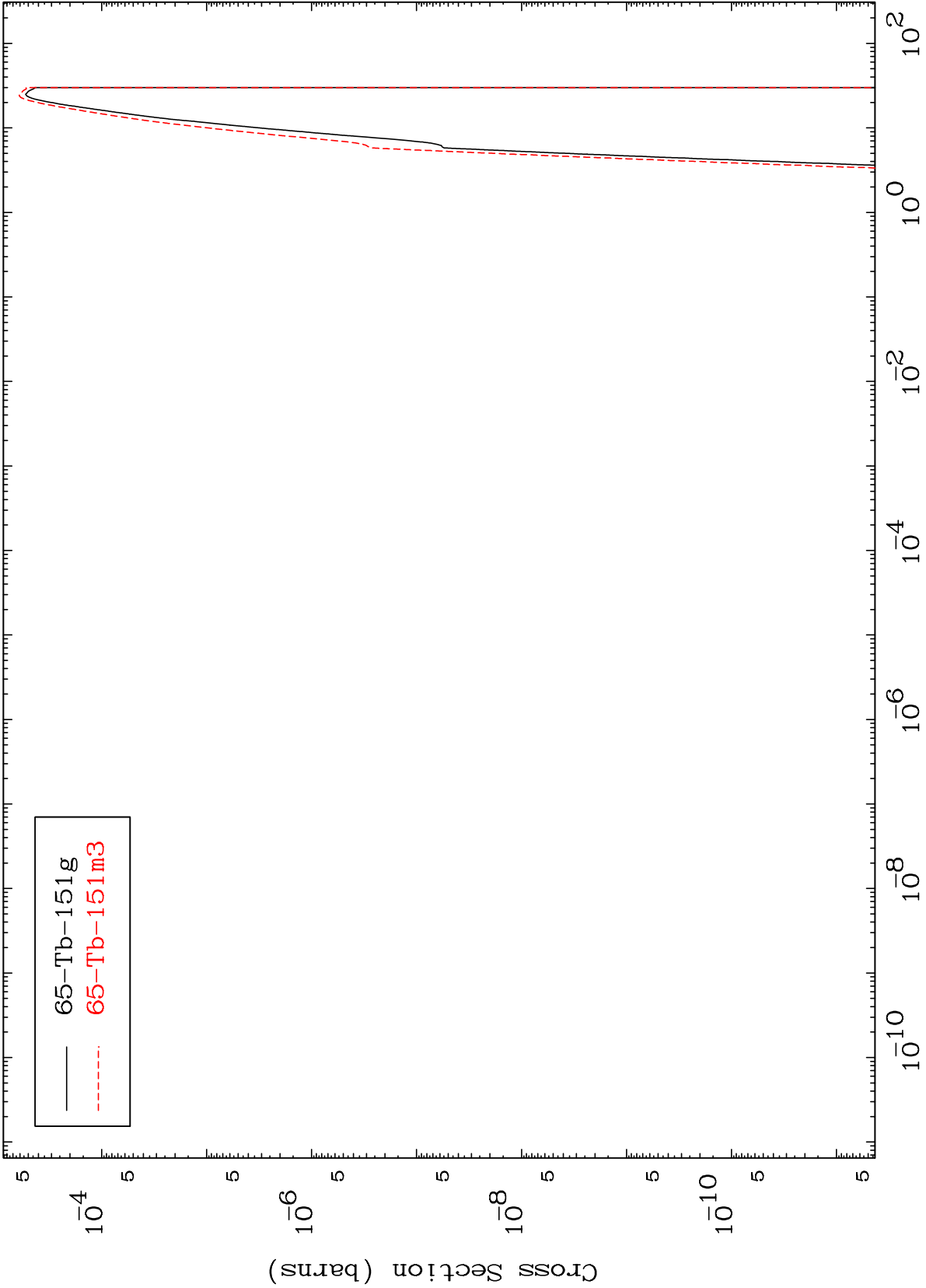


MAT 6687

(n,2p)

67-Ho-152

Radionuclide Production Cross Section

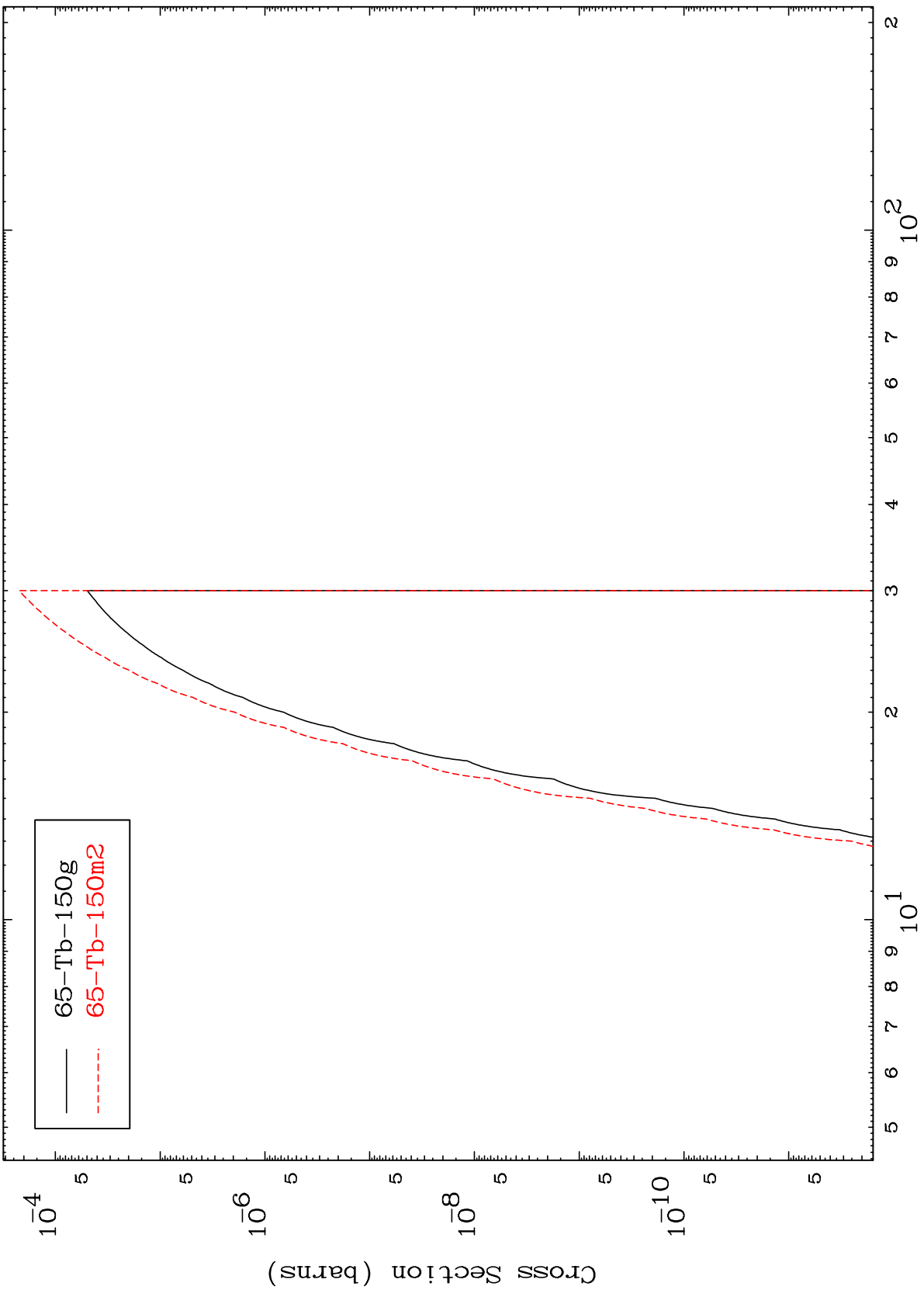


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(n,p) d

67-Ho-152

Radionuclide Production Cross Section



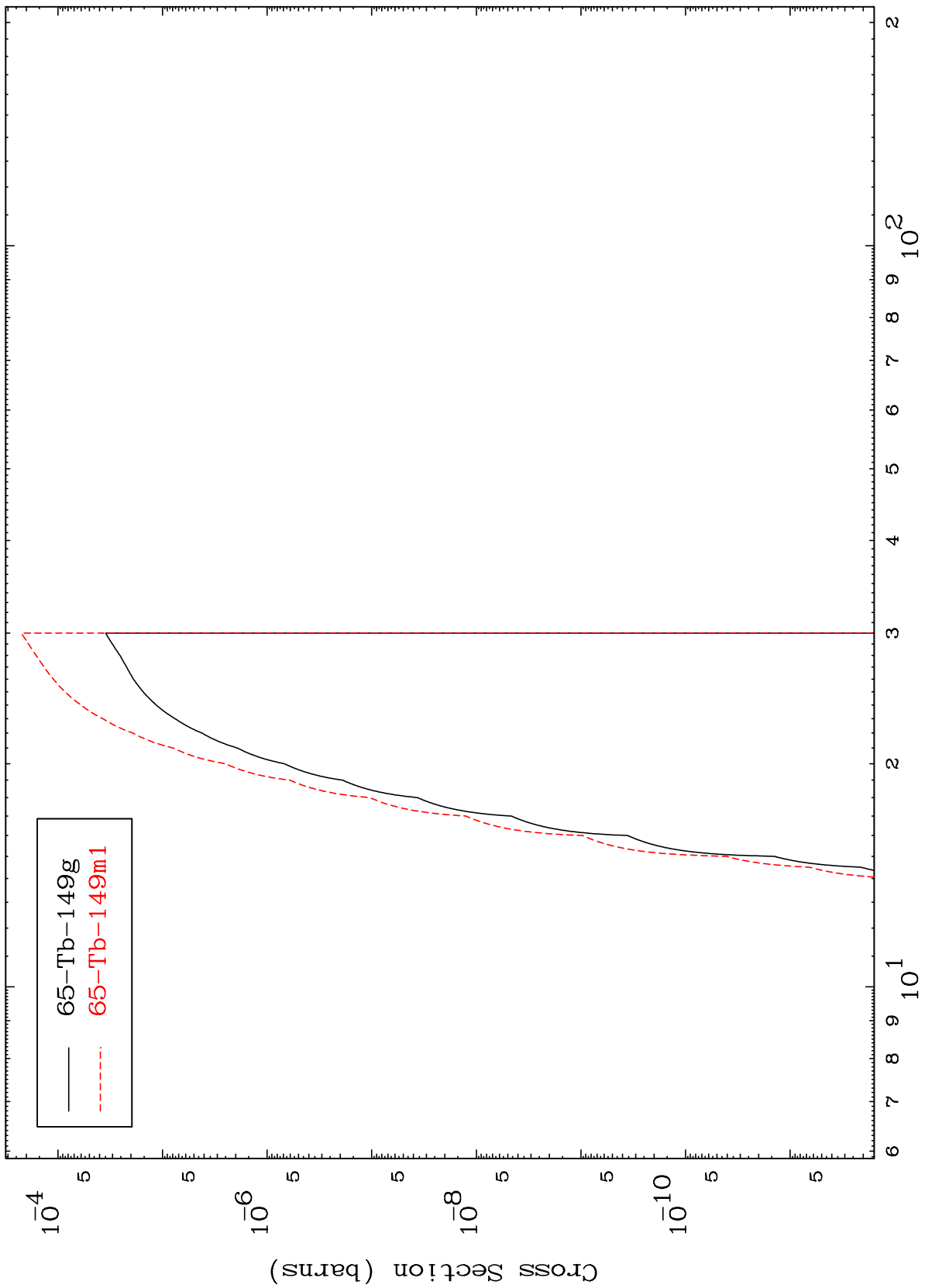
65-Tb-150g
65-Tb-150m2

MAT 6687

(n,p) t

67-Ho-152

Radionuclide Production Cross Section



65-Tb-149g
65-Tb-149m1

34

Incident Energy (MeV)

67-Ho-152