

Program EVALPLOT
(Version 2015-2)

by

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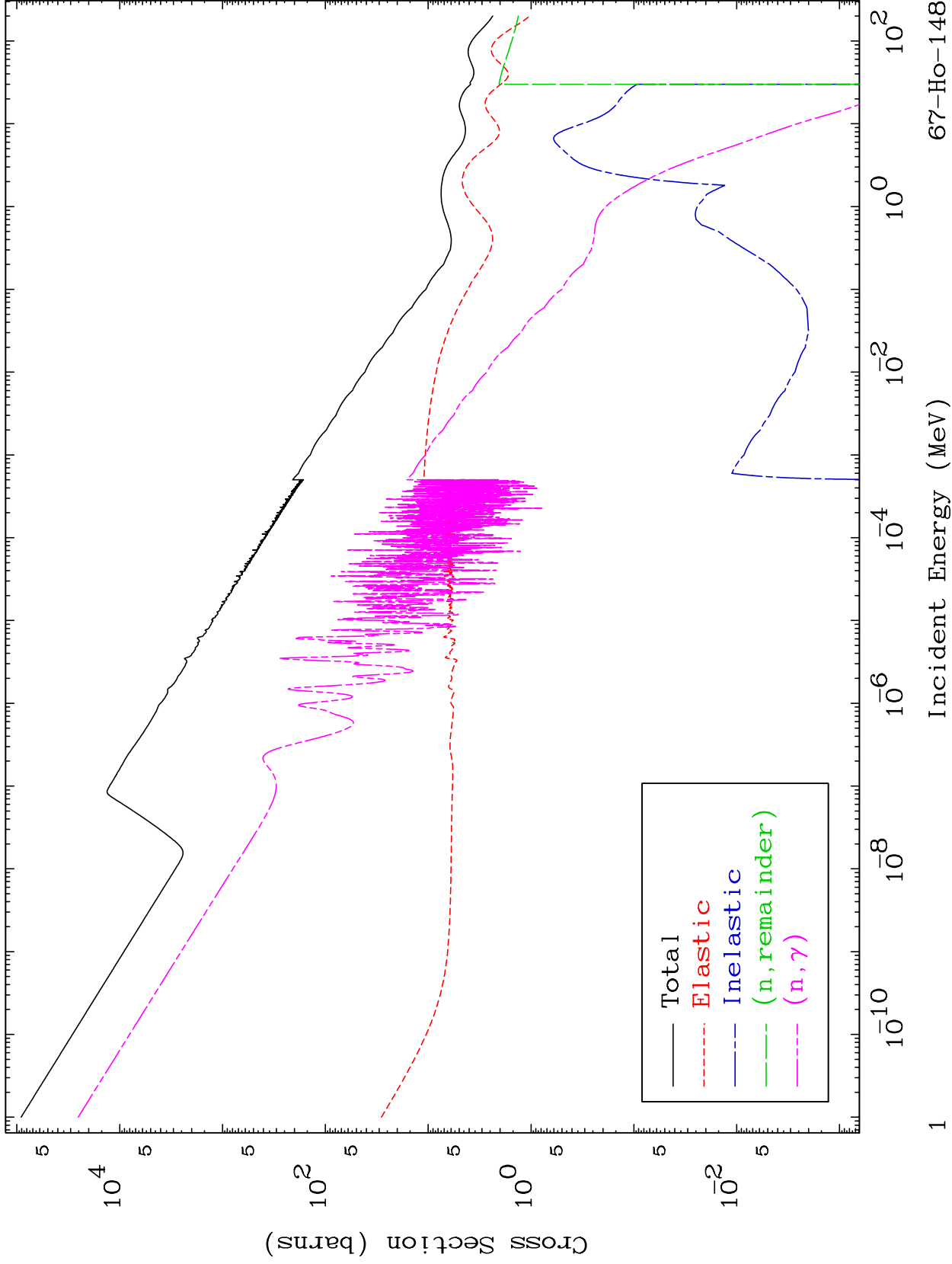
Press Mouse Button to Start

MAT 6675

Major

293 Kelvin Cross Sections

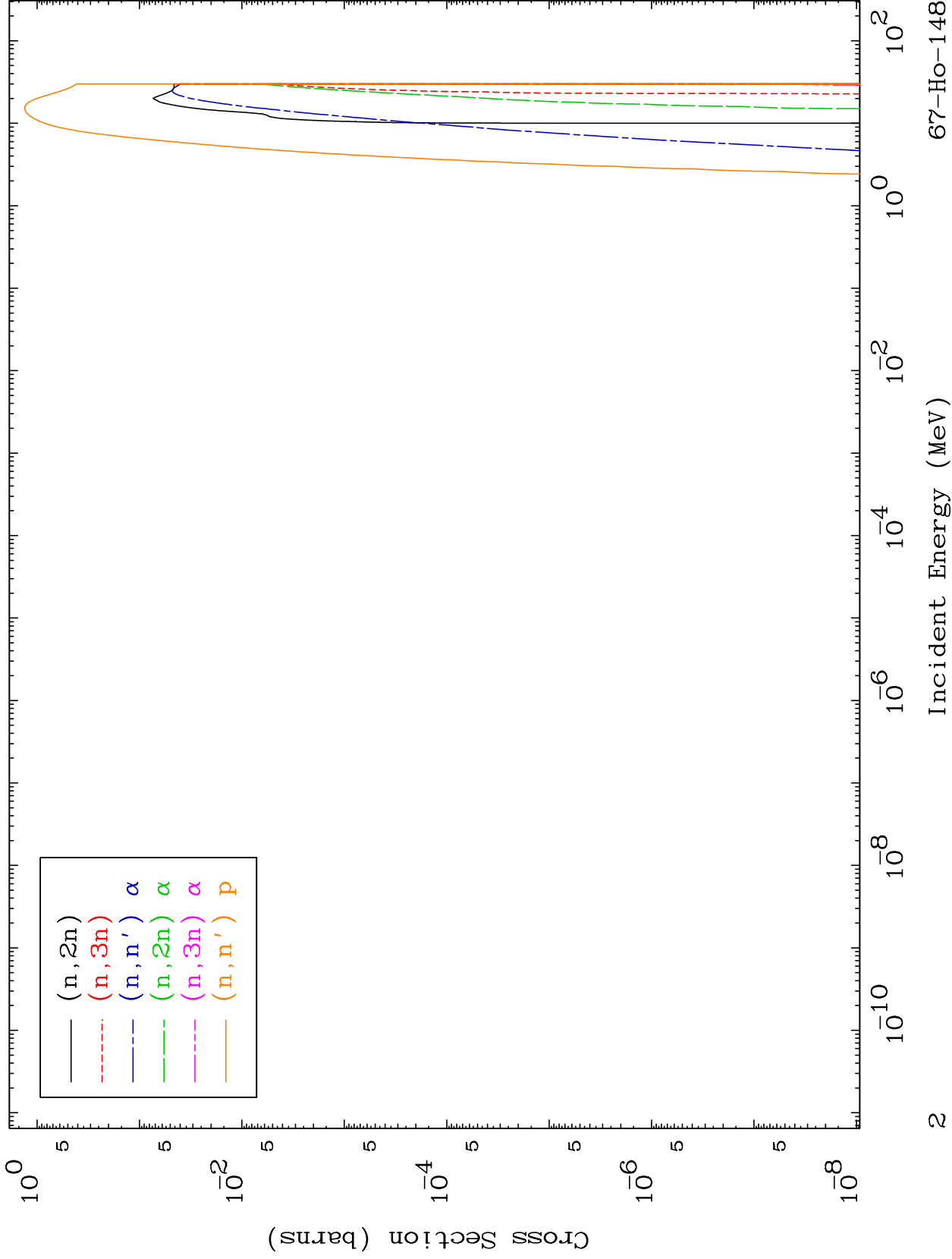
67-Ho-148



MAT 6675

Neutron Production
293 Kelvin Cross Sections

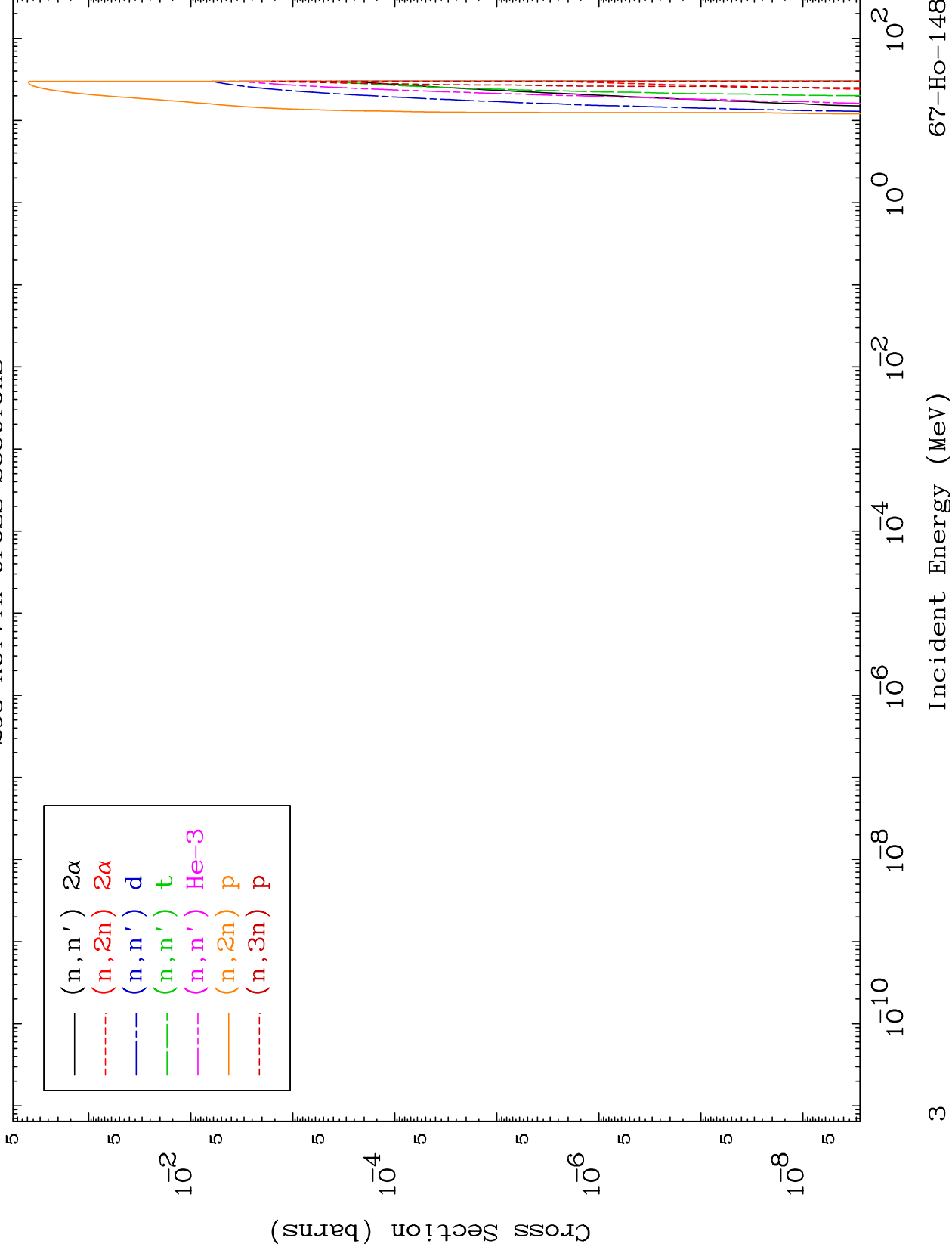
67-Ho-148



MAT 6675

Neutron Production
293 Kelvin Cross Sections

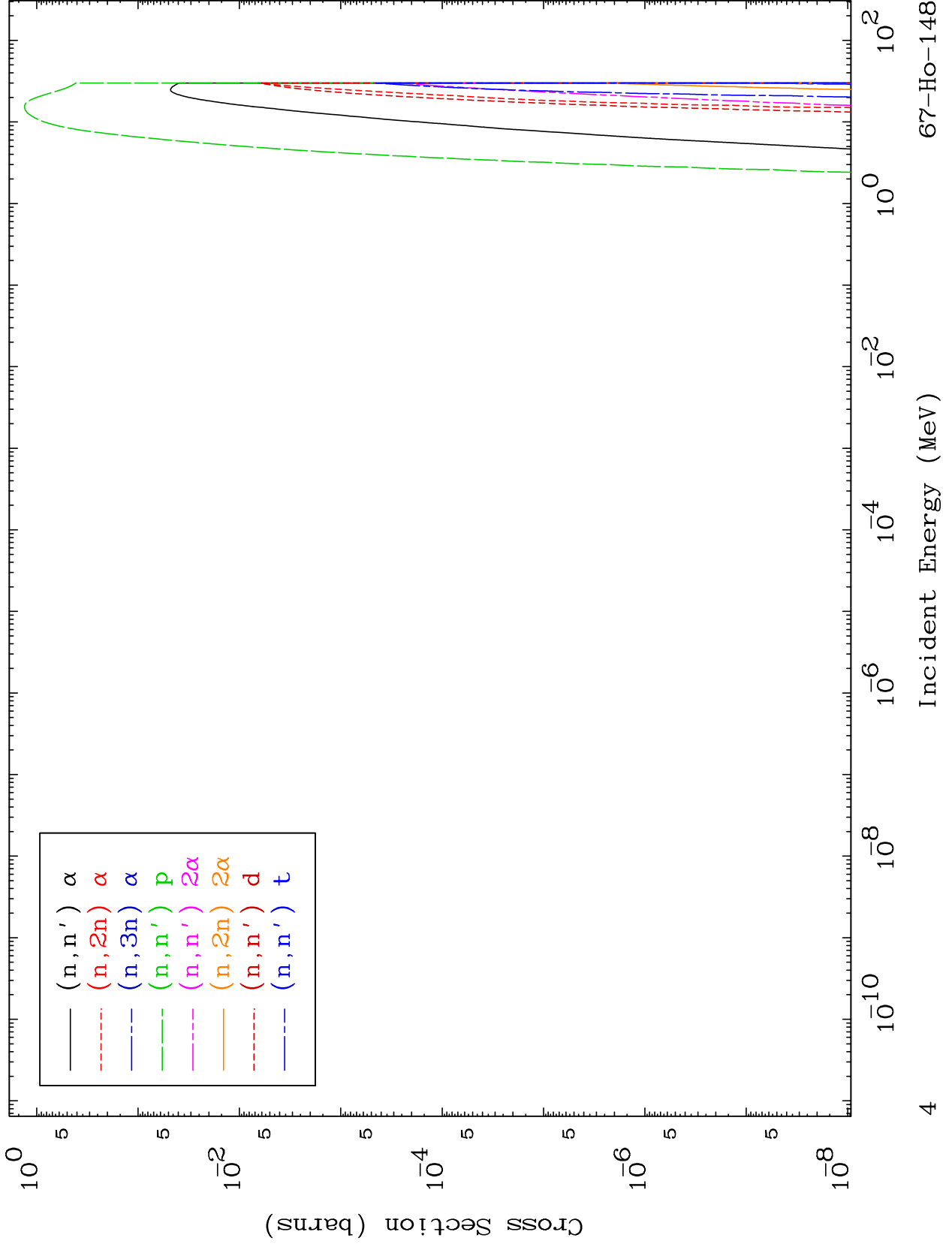
67-Ho-148



MAT 6675

Charged Particle
293 Kelvin Cross Sections

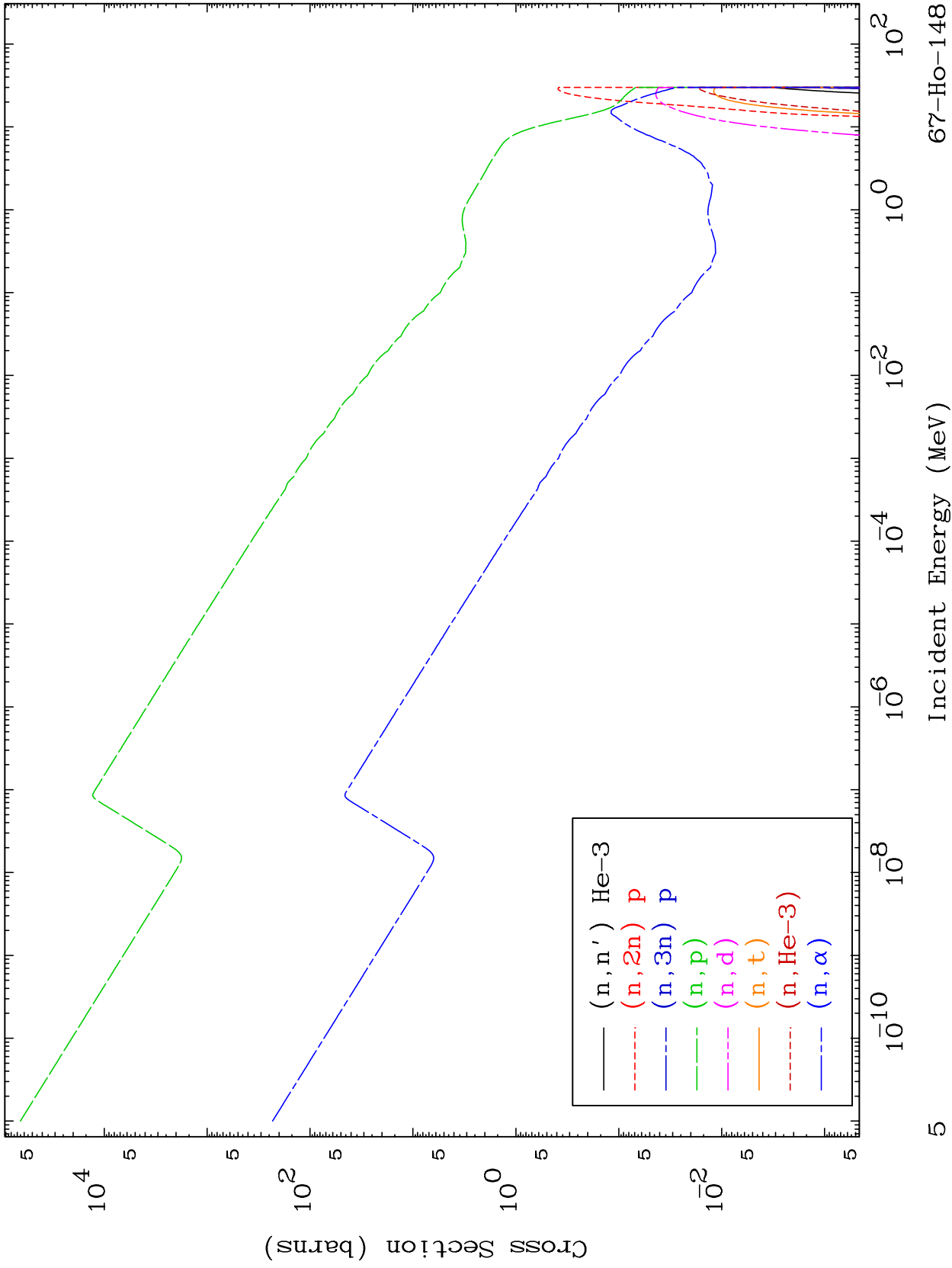
67-Ho-148



MAT 6675

Charged Particle
293 Kelvin Cross Sections

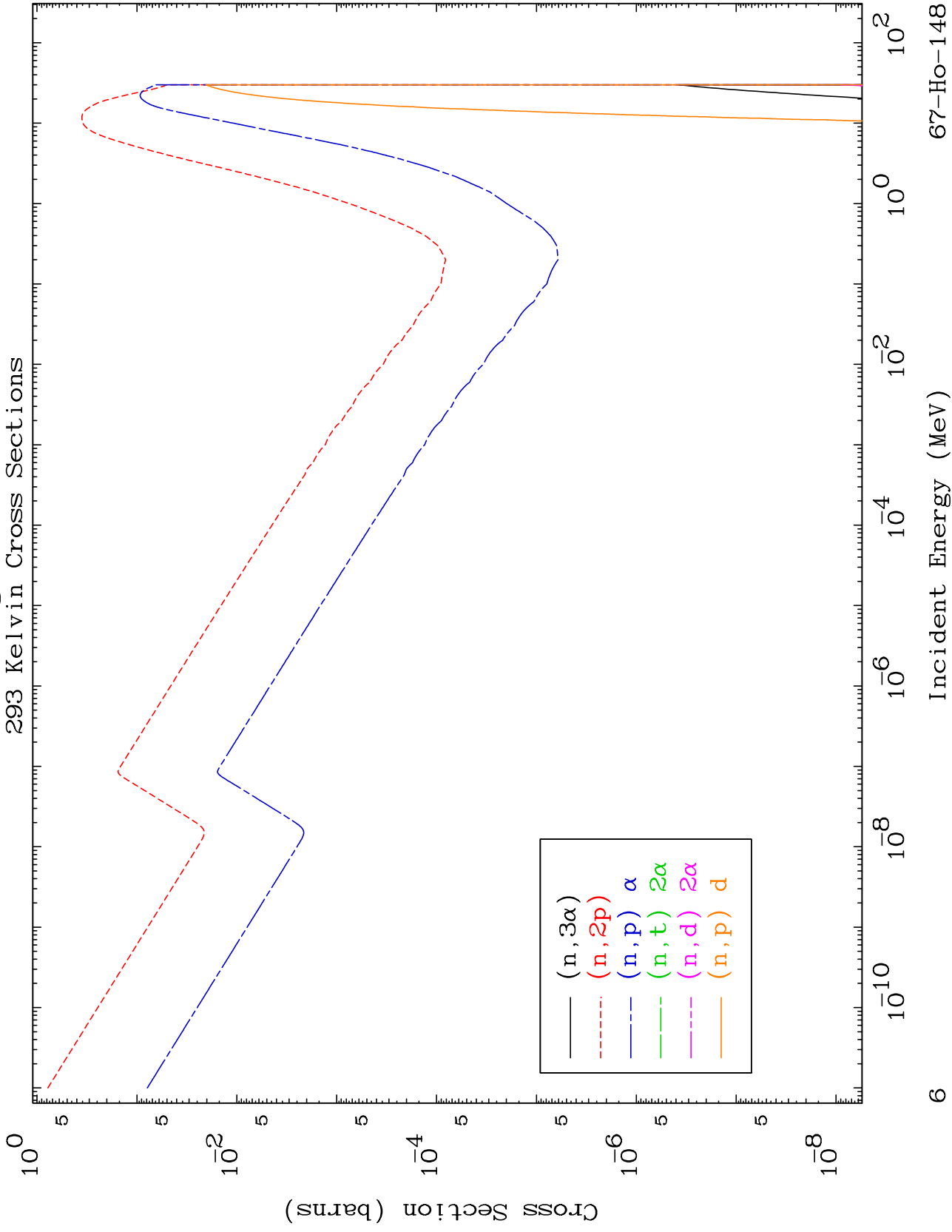
67-Ho-148



MAT 6675

Charged Particle
293 Kelvin Cross Sections

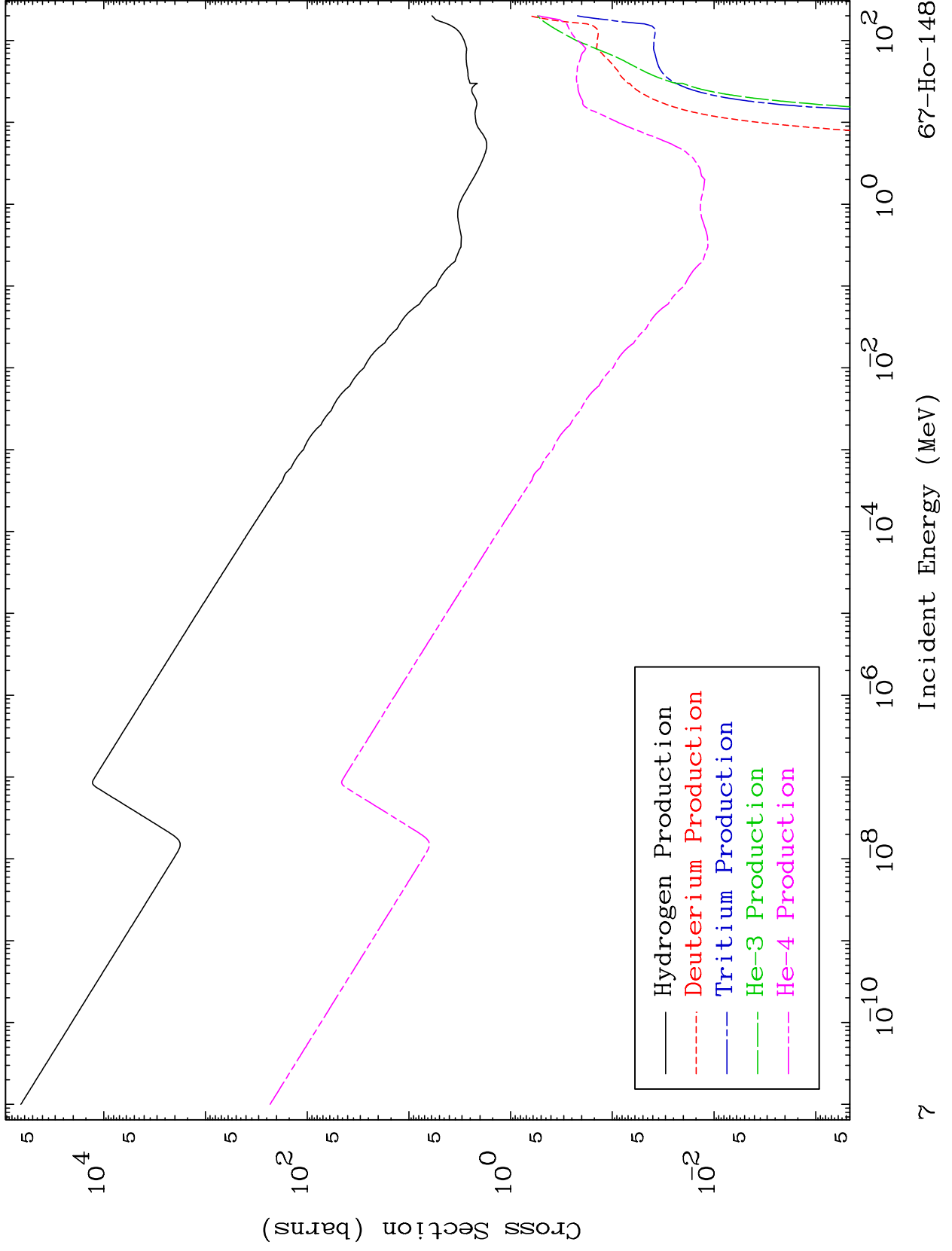
67-Ho-148



MAT 6675

Particle Production
293 Kelvin Cross Sections

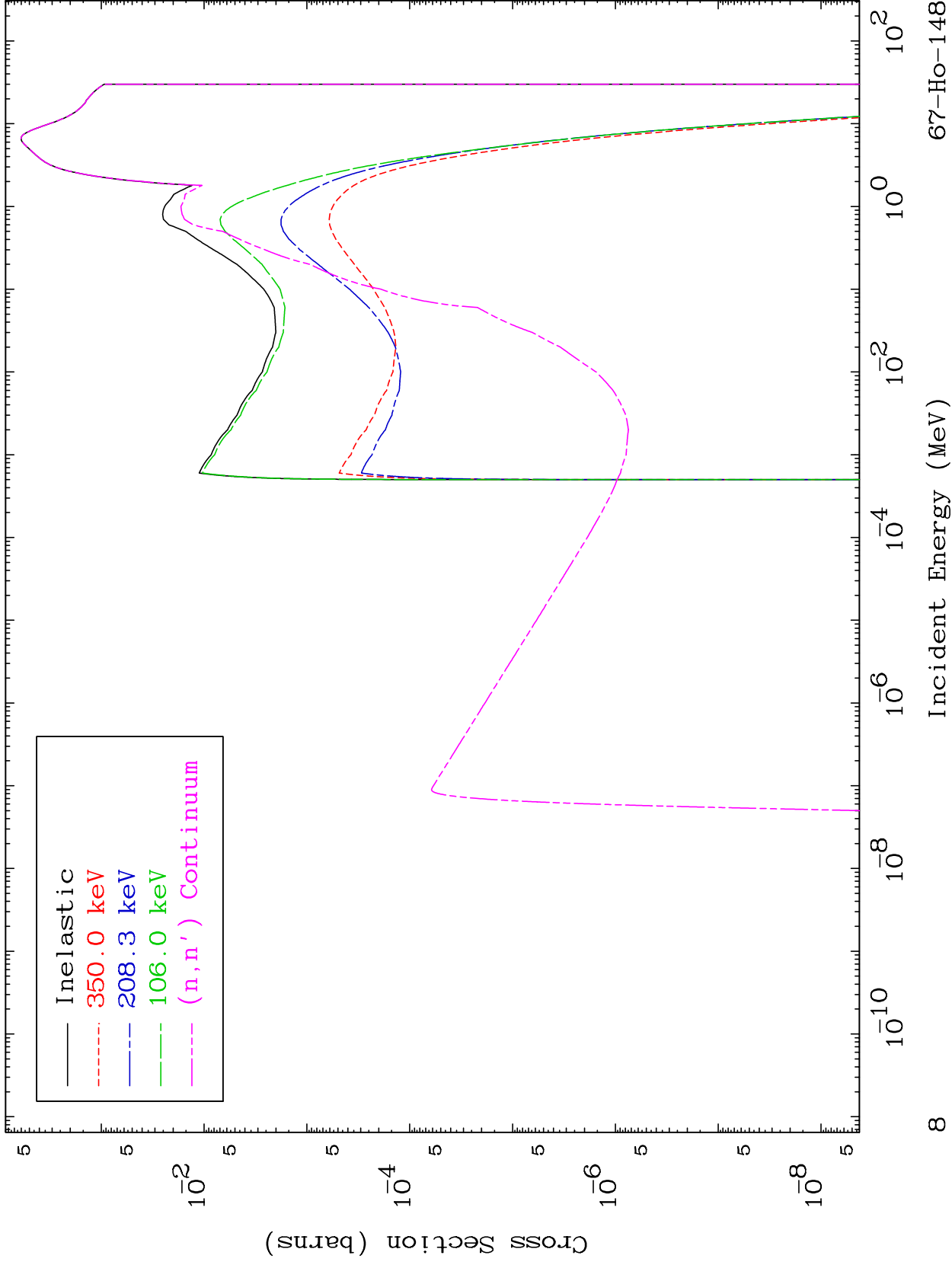
67-Ho-148



MAT 6675

(n,n') Level
293 Kelvin Cross Sections

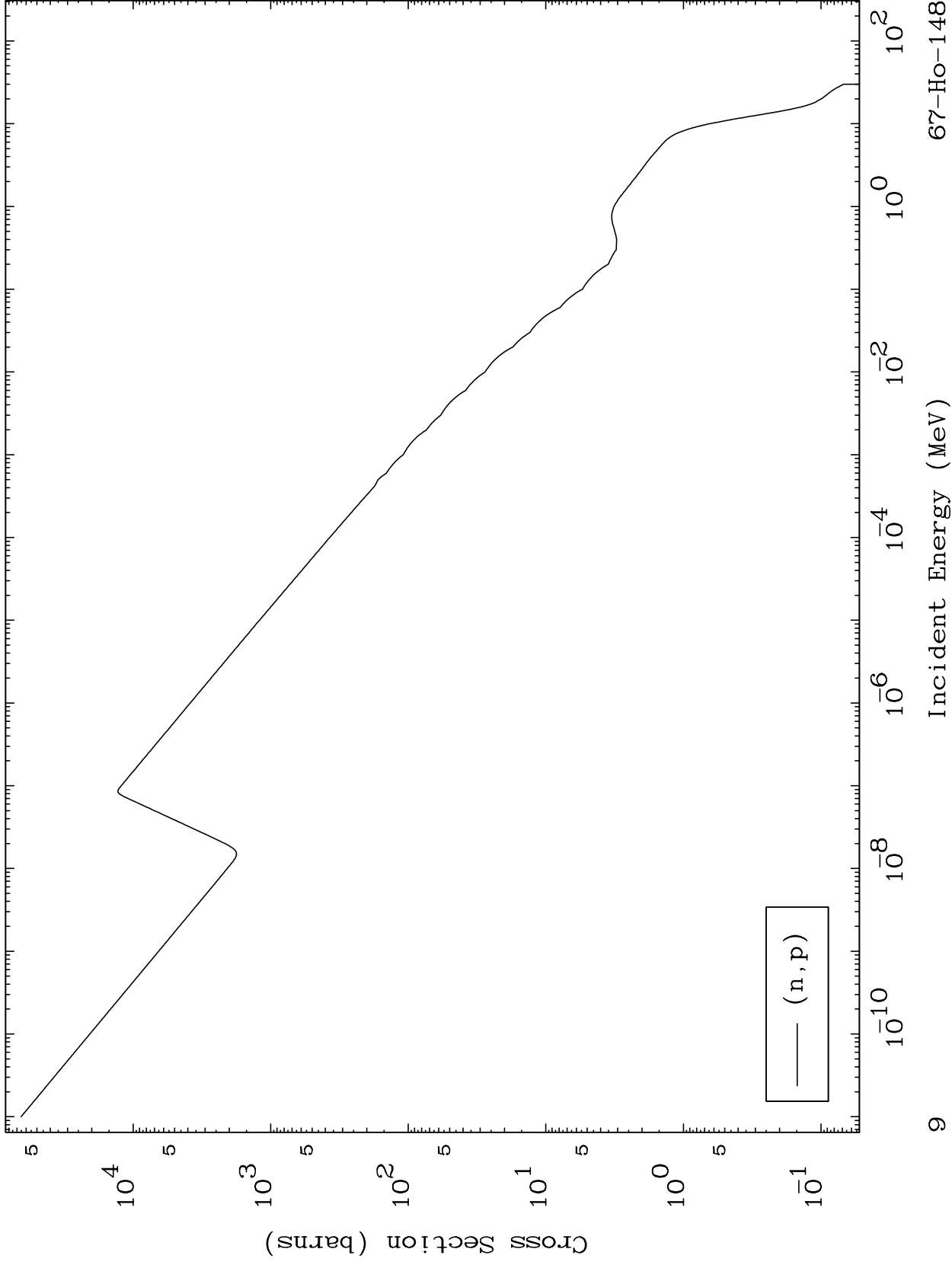
67-Ho-148



MAT 6675

(n,p) Levels
293 Kelvin Cross Sections

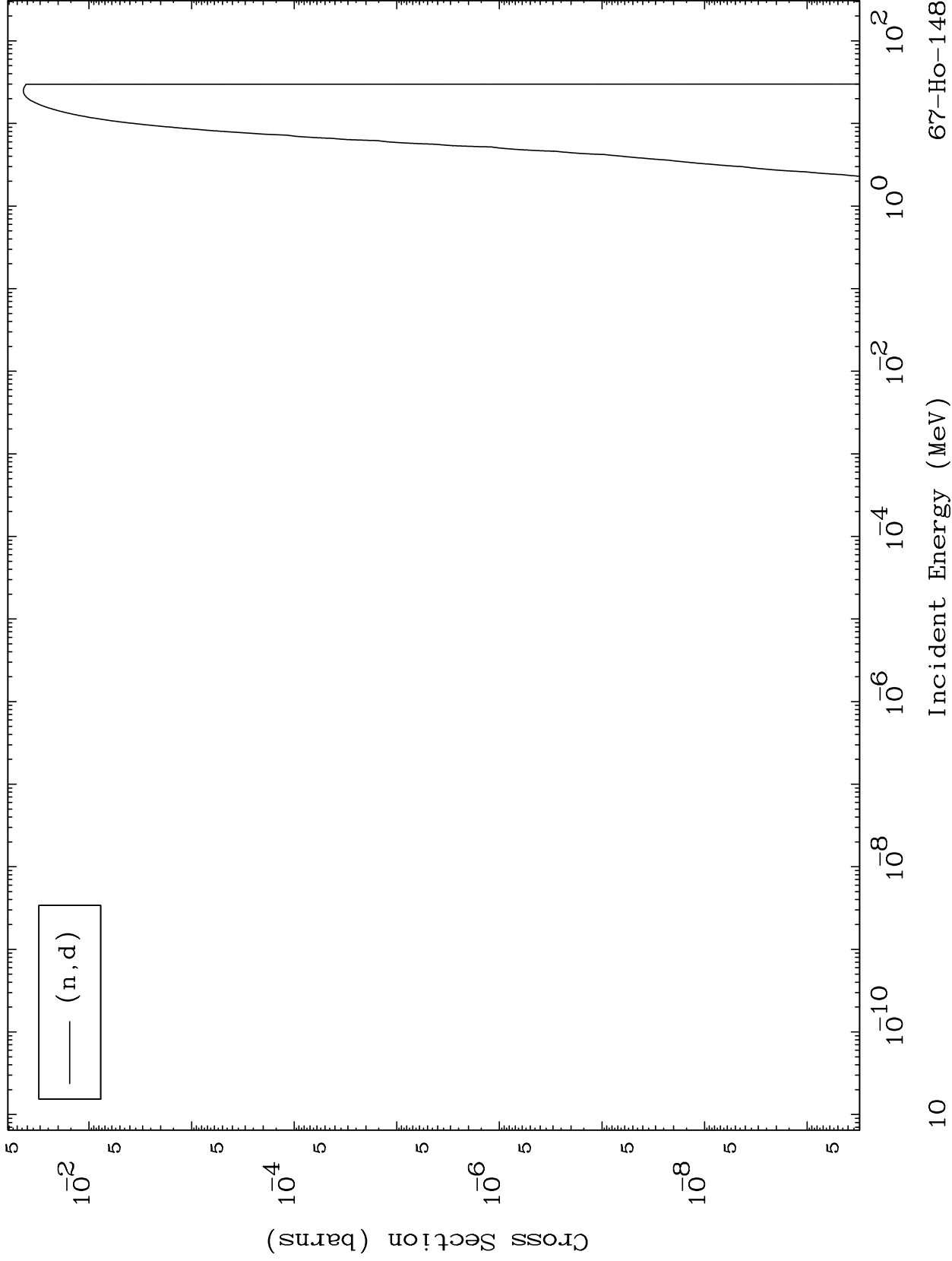
67-Ho-148



MAT 6675

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-148



10

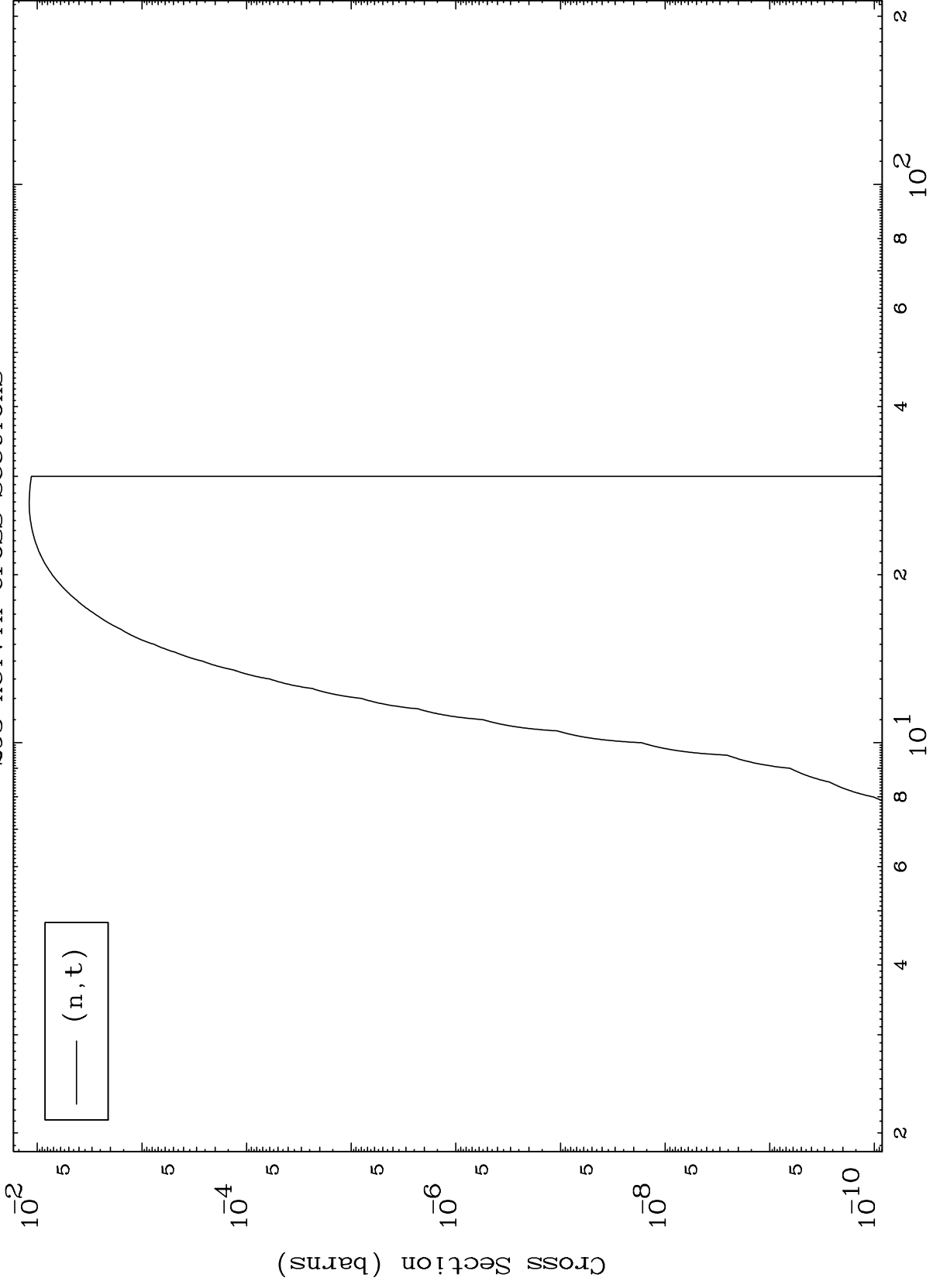
Incident Energy (MeV)

67-Ho-148

MAT 6675

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-148



11

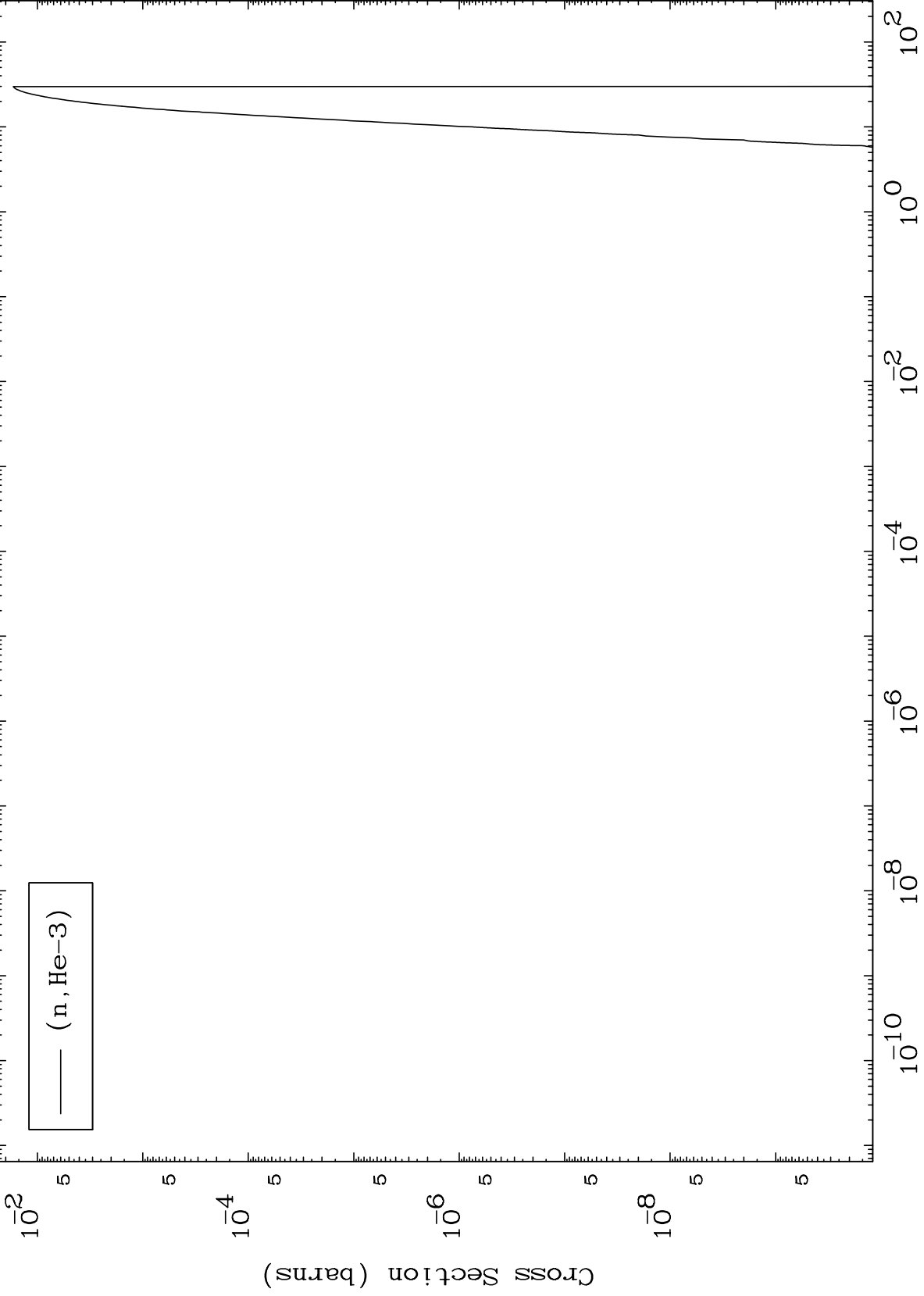
Incident Energy (MeV)

67-Ho-148

MAT 6675

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-148



12

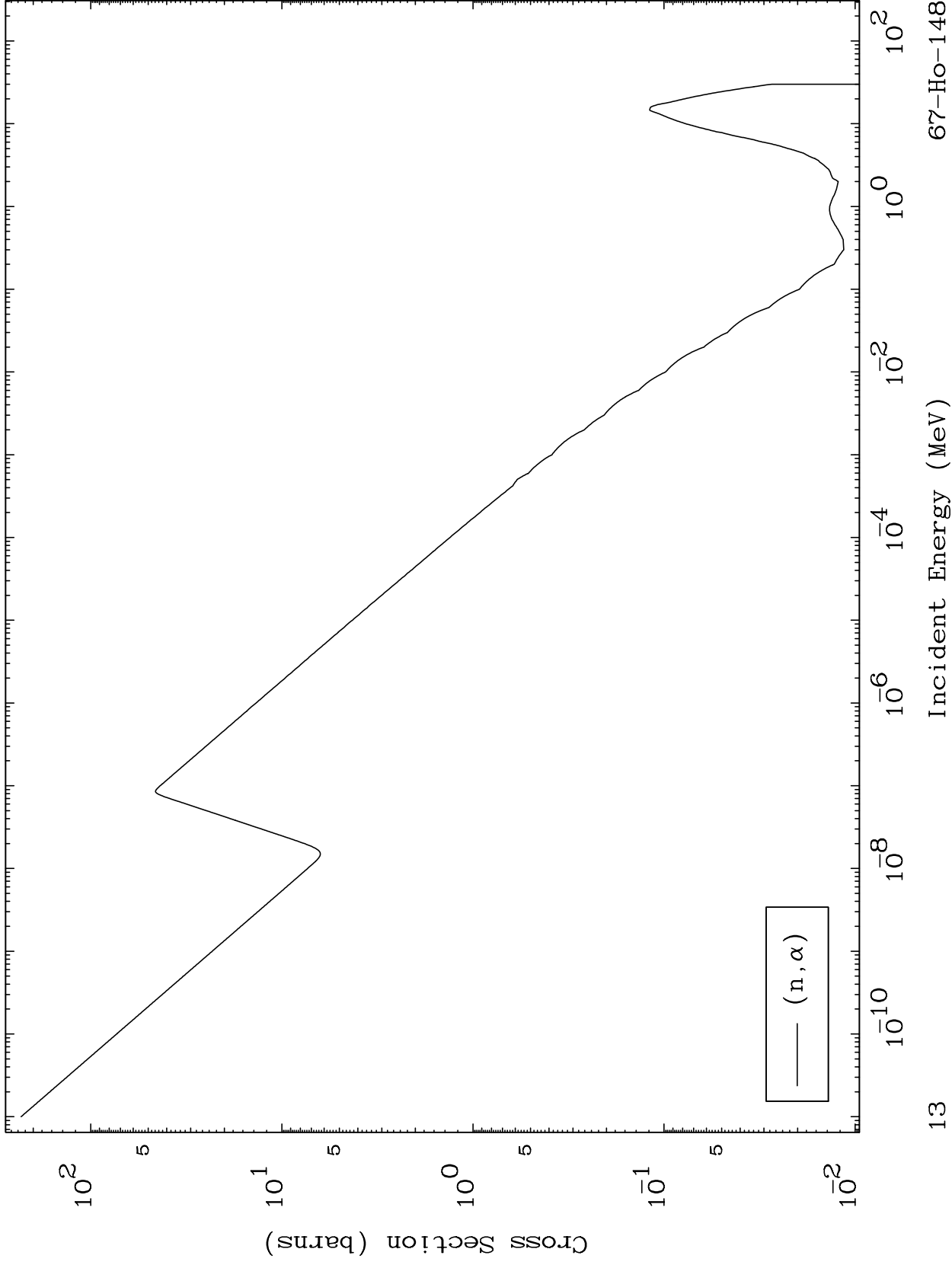
Incident Energy (MeV)

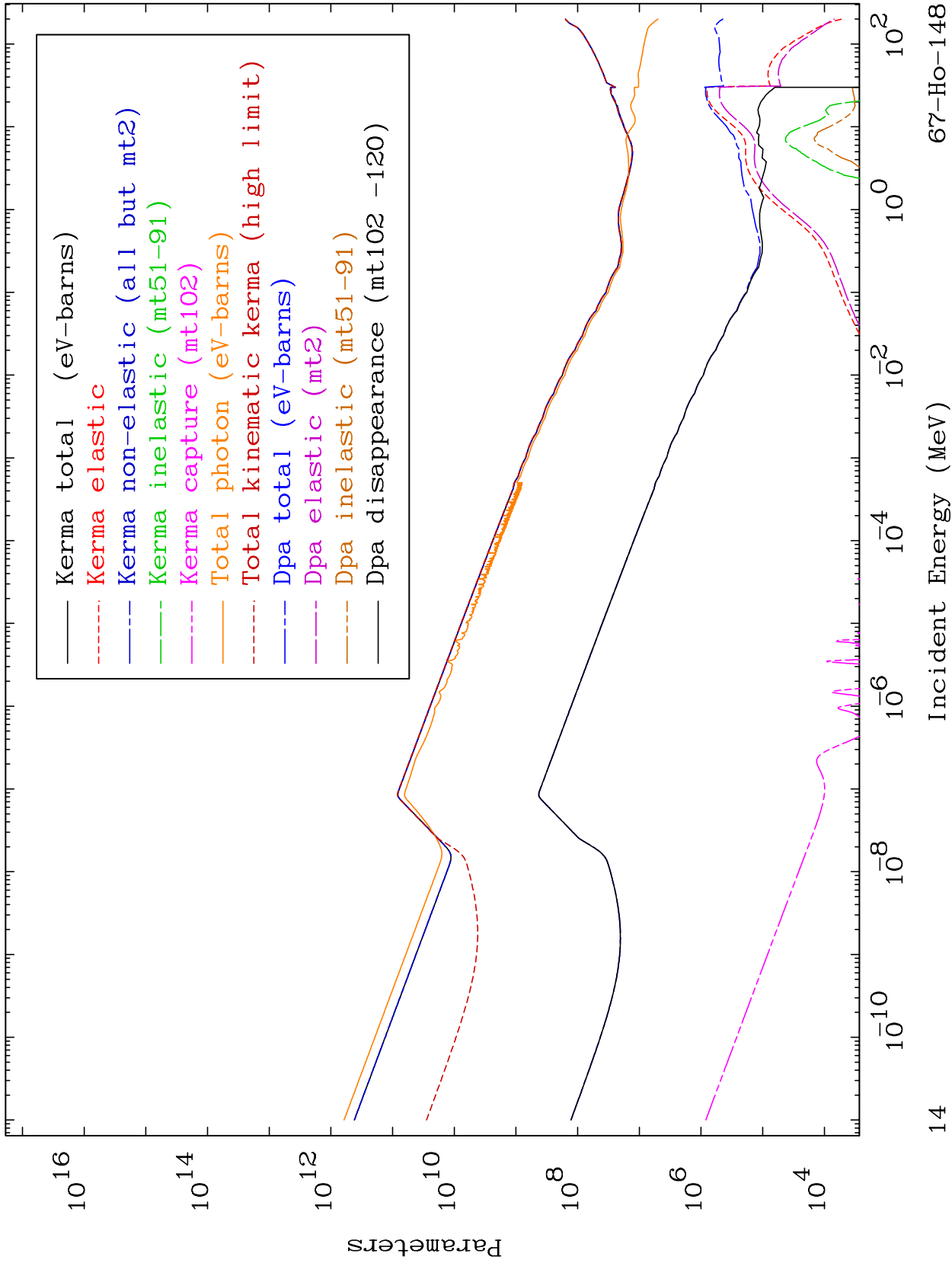
67-Ho-148

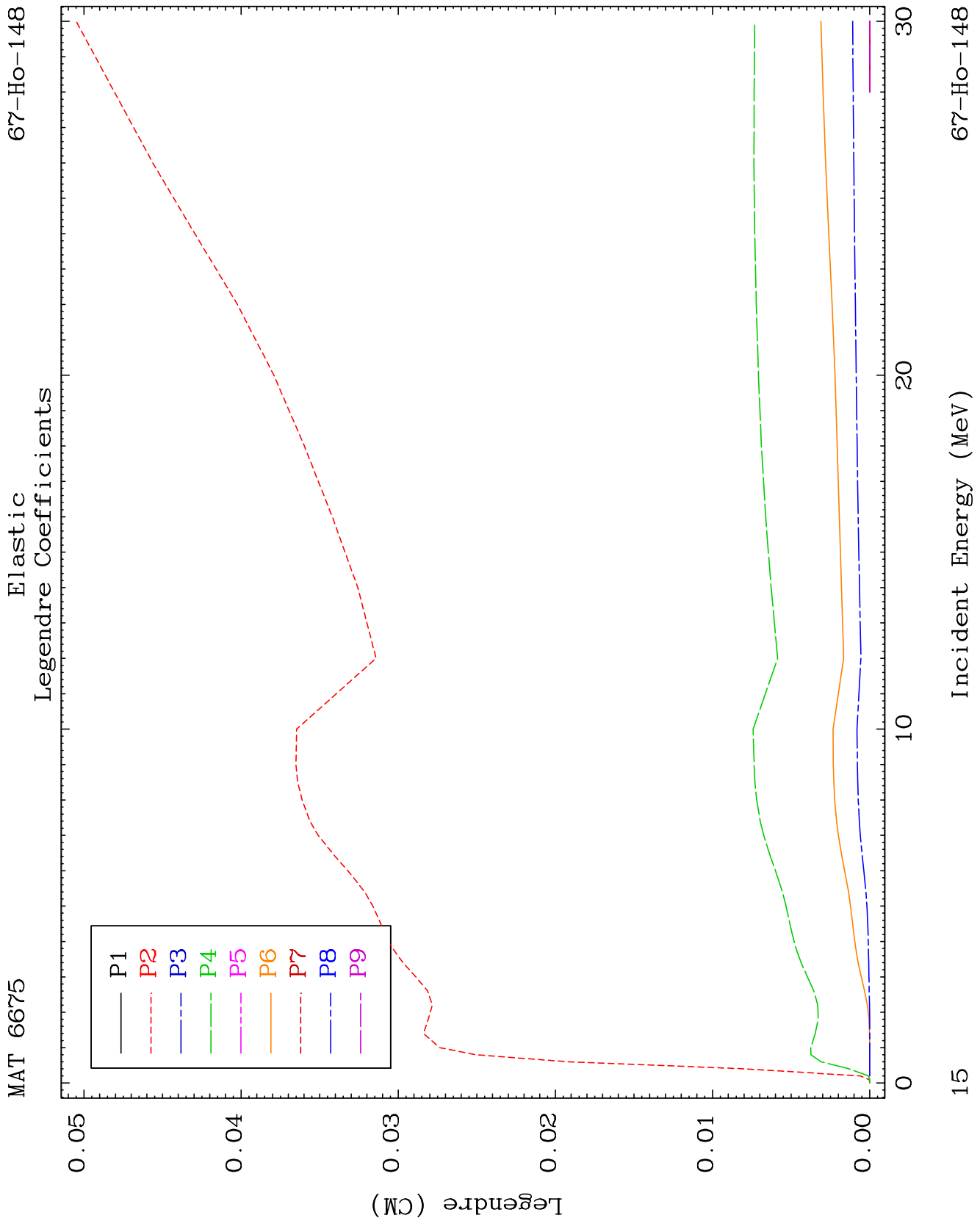
MAT 6675

(n,α) Levels
293 Kelvin Cross Sections

67-Ho-148



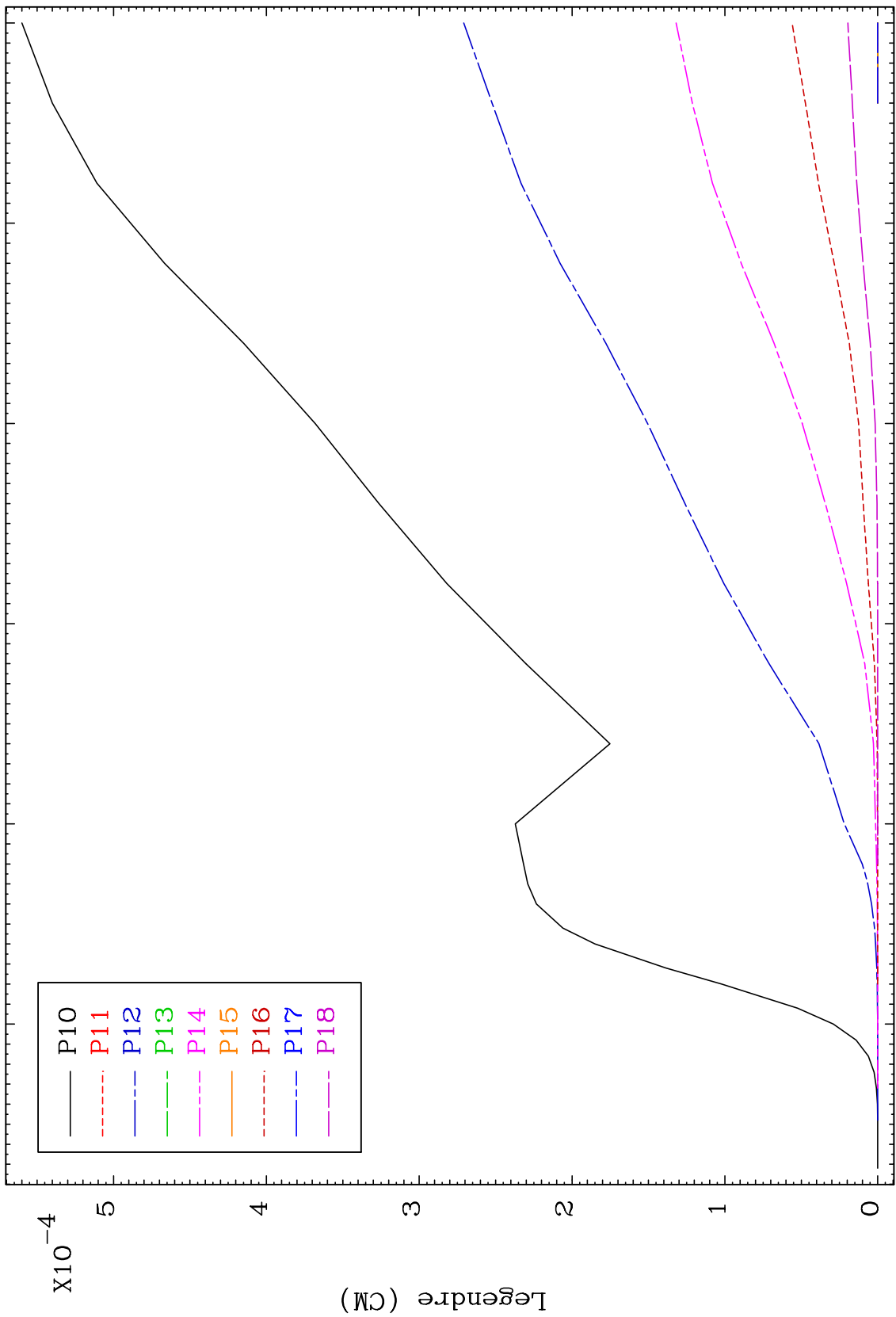




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Elastic Legendre Coefficients

67-Ho-148



16

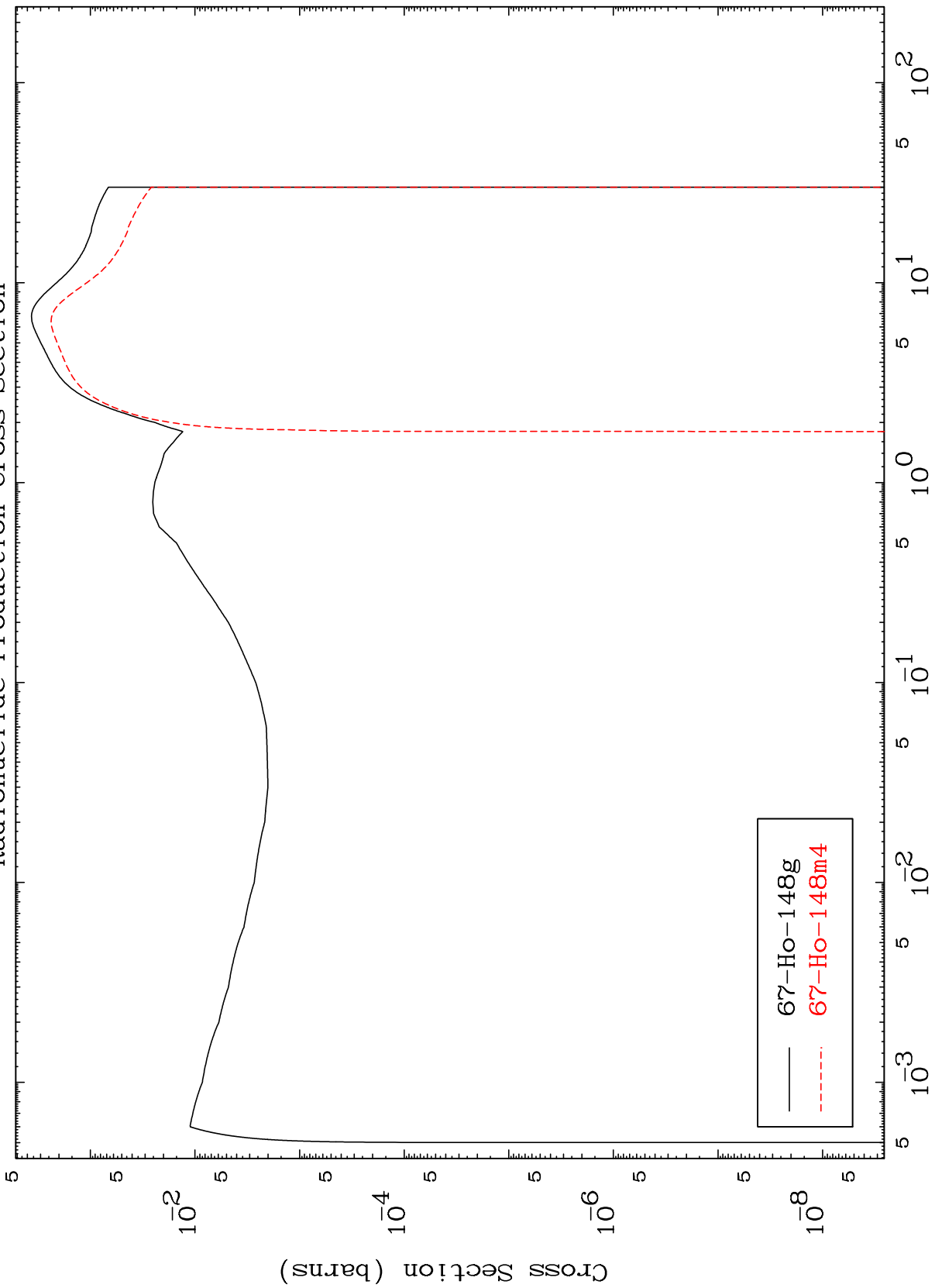
Incident Energy (MeV)

67-Ho-148

MAT 6675

67-Ho-148

Inelastic
Radionuclide Production Cross Section



— 67-Ho-148g
- - - 67-Ho-148m4

18

Incident Energy (MeV)

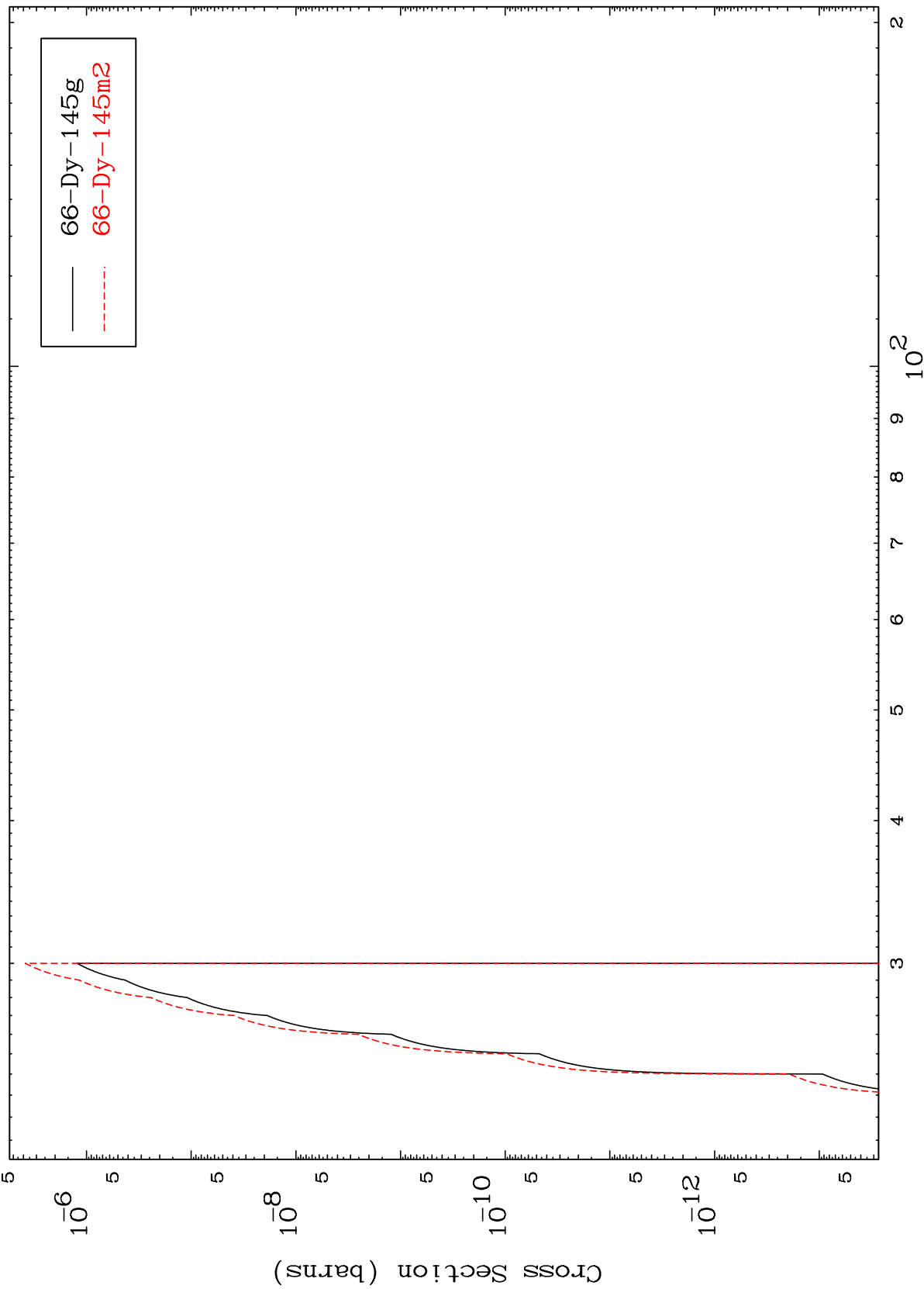
67-Ho-148

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(n,2n) d

67-Ho-148

Radionuclide Production Cross Section



66-Dy-145g
66-Dy-145m2

19

Incident Energy (MeV)

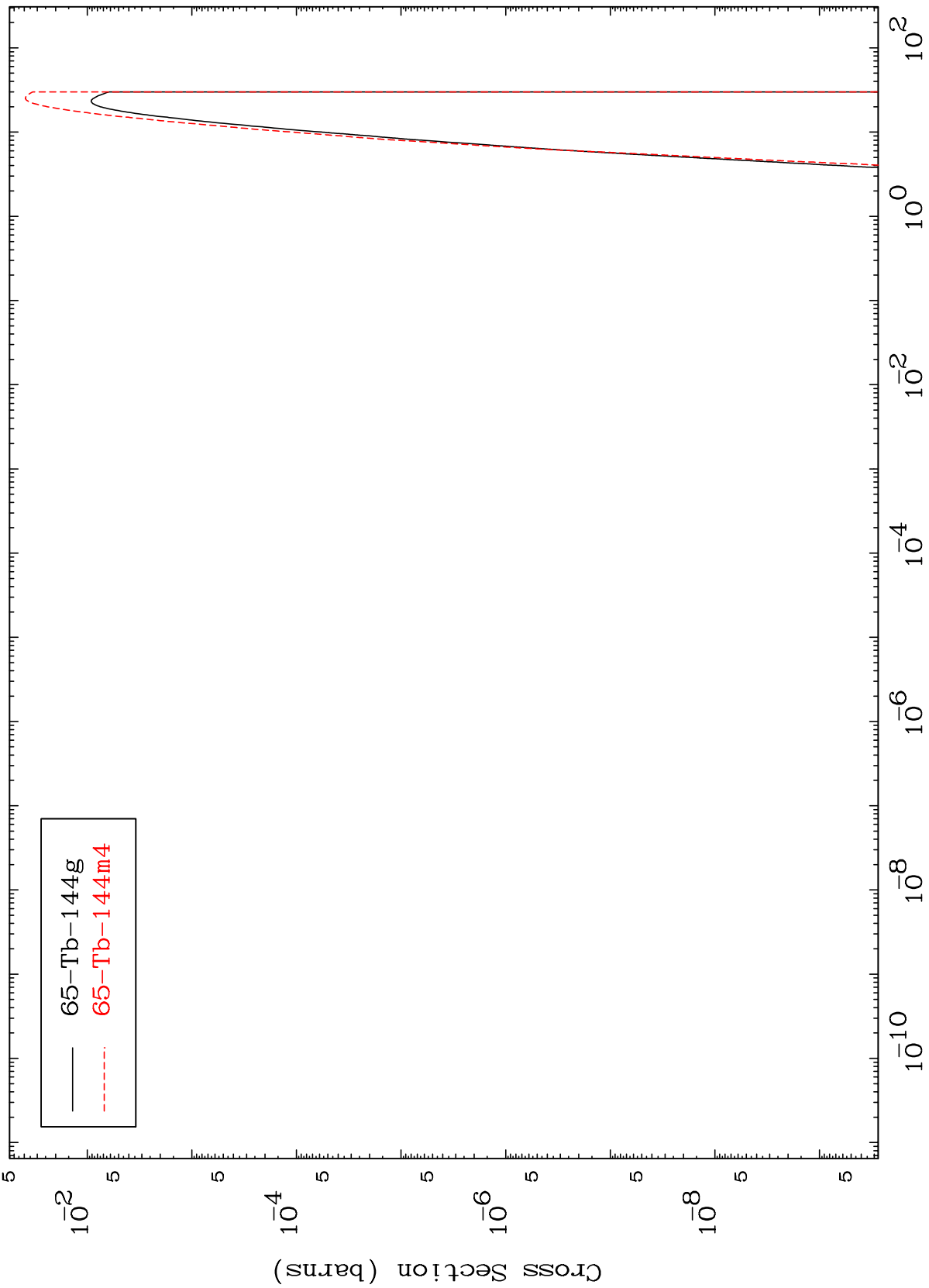
67-Ho-148

MAT 6675

$(n, n') \alpha$

$^{67}\text{Ho-148}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

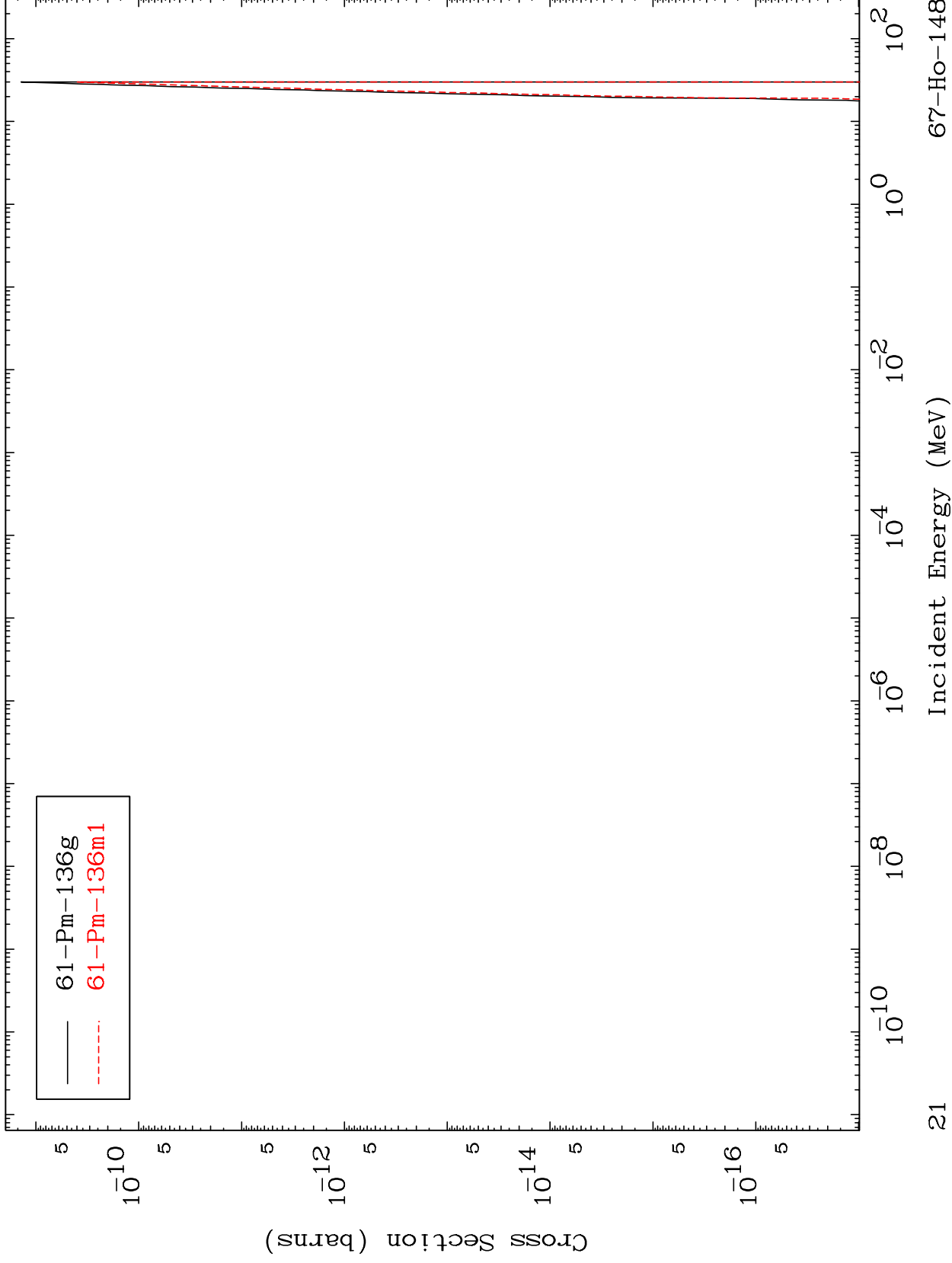
$^{67}\text{Ho-148}$

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(n,n') 3 α

67-Ho-148

Radionuclide Production Cross Section

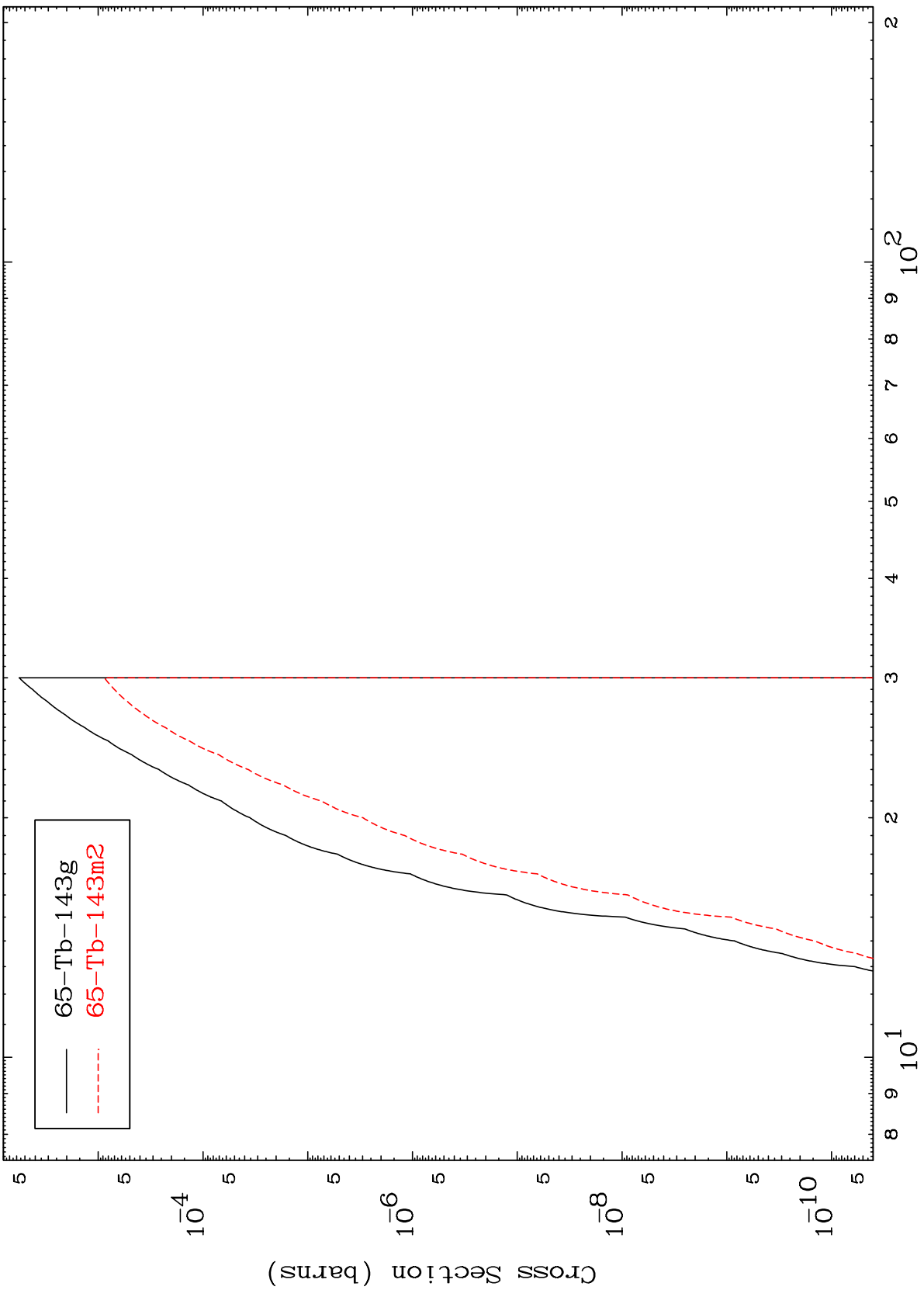


MAT 6675

(n,2n) α

67-Ho-148

Radionuclide Production Cross Section



22

Incident Energy (MeV)

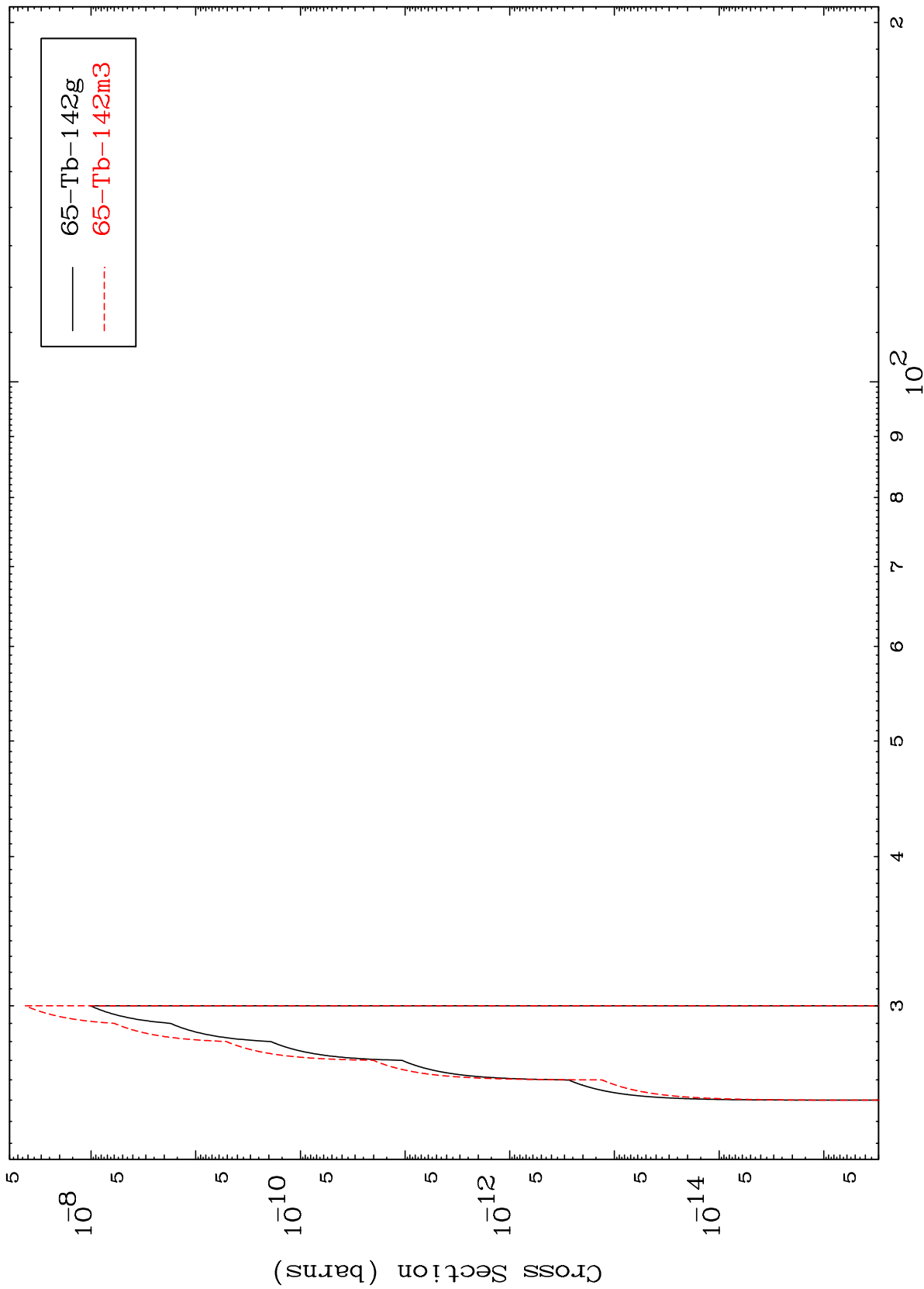
67-Ho-148

MAT 6675

(n,3n) α

67-Ho-148

Radionuclide Production Cross Section



23

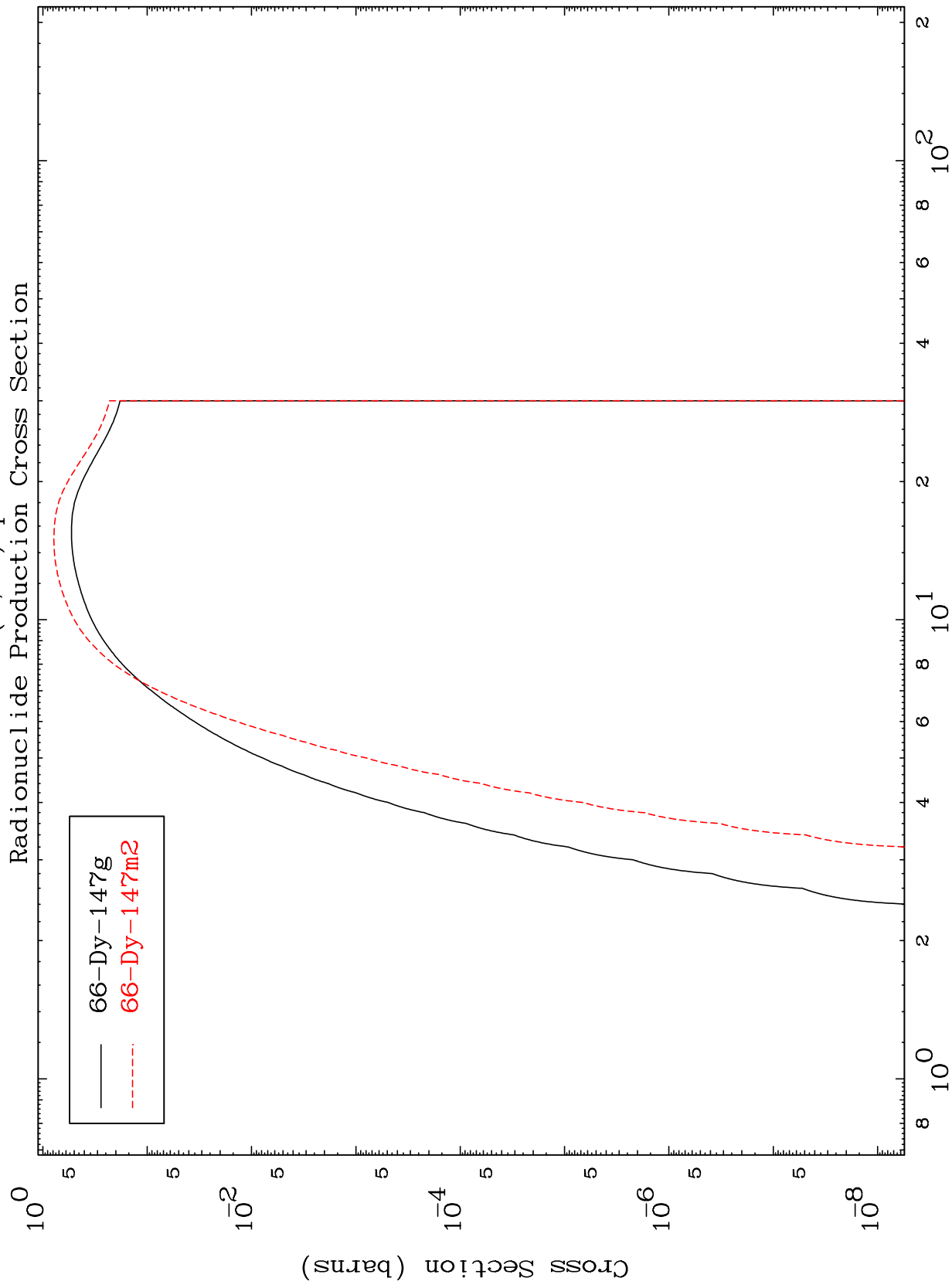
Incident Energy (MeV)

67-Ho-148

MAT 6675

(n,n') p

67-Ho-148



24

Incident Energy (MeV)

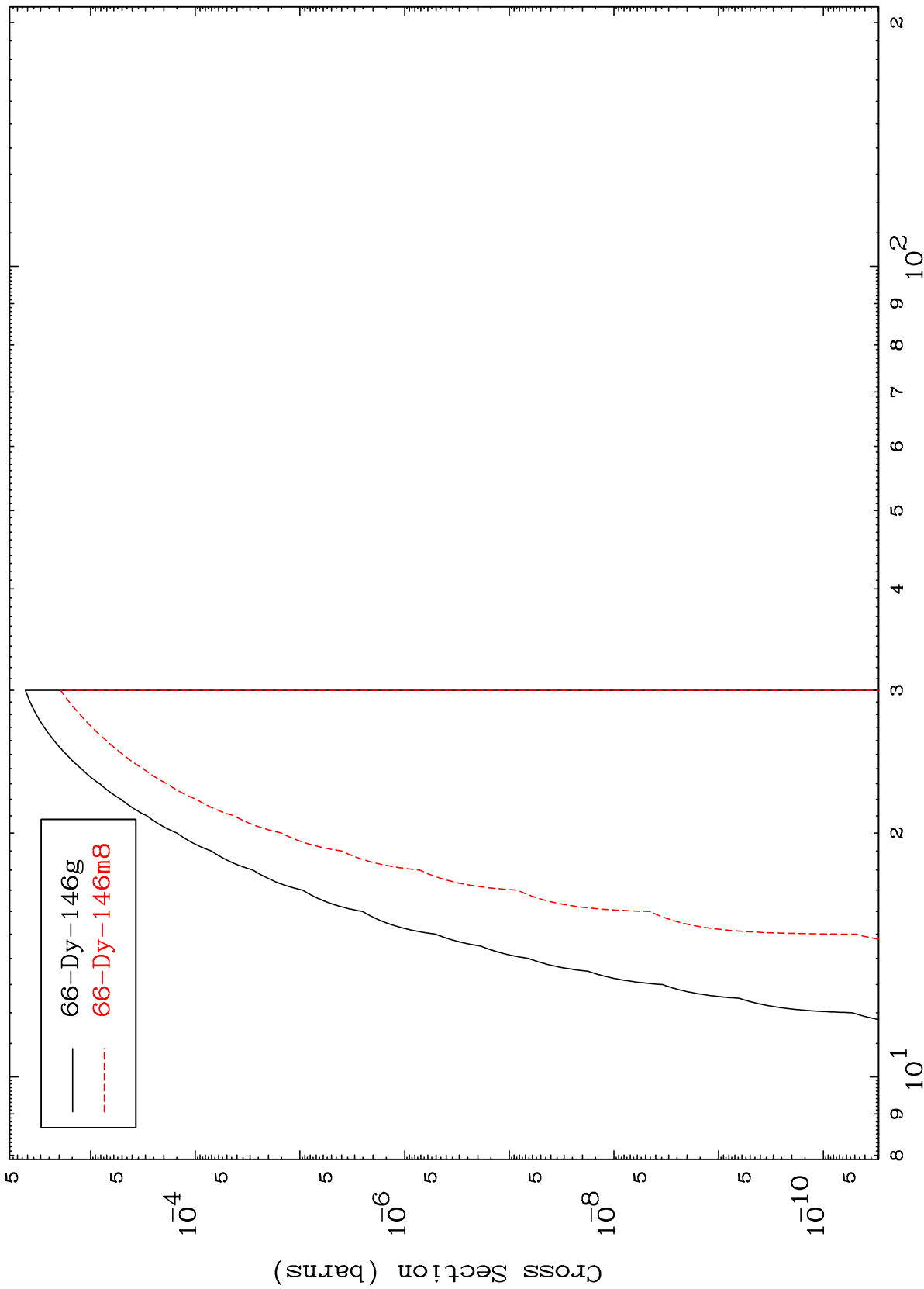
67-Ho-148

MAT 6675

(n,n') d

67-Ho-148

Radionuclide Production Cross Section

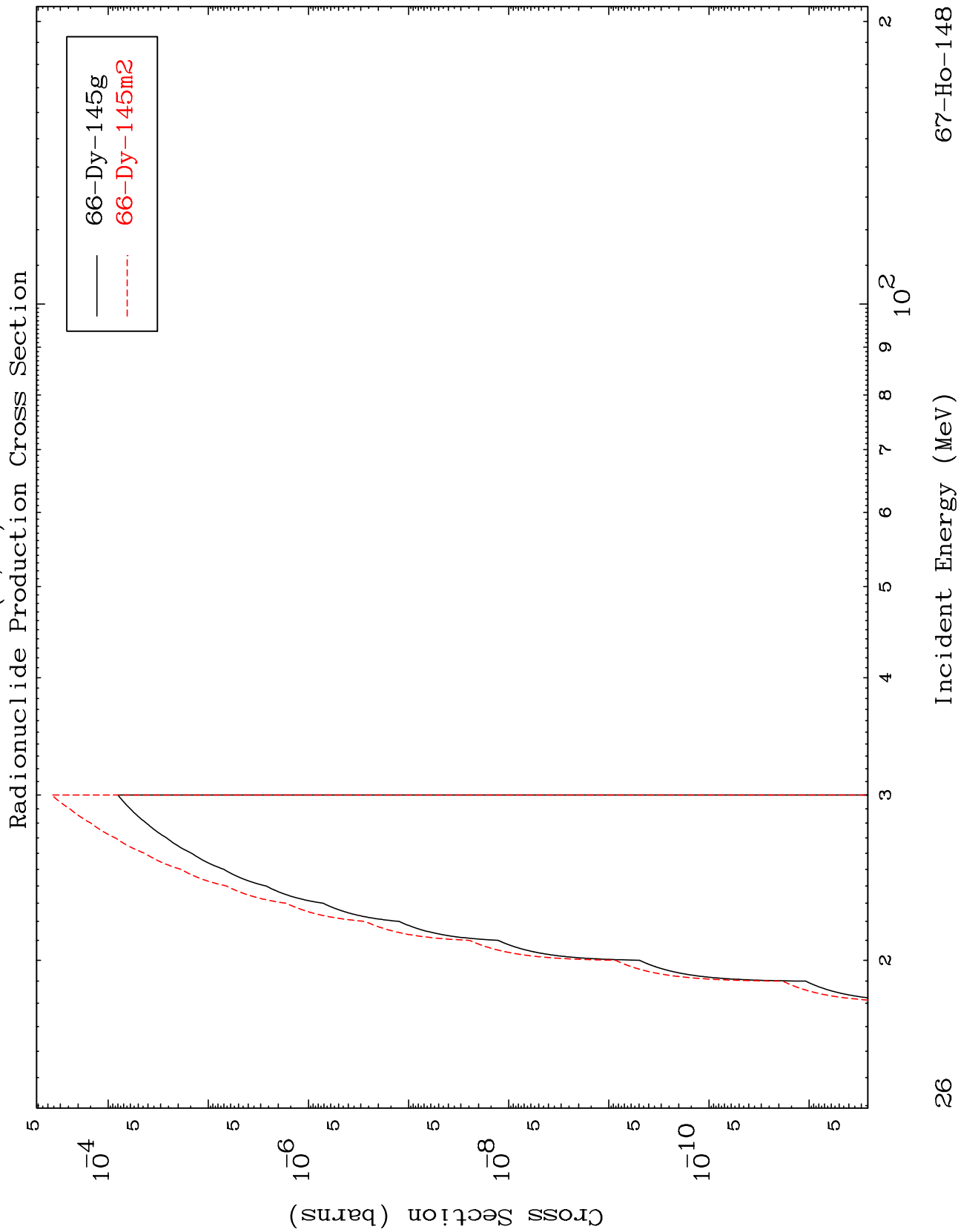


66-Dy-146g
66-Dy-146m8

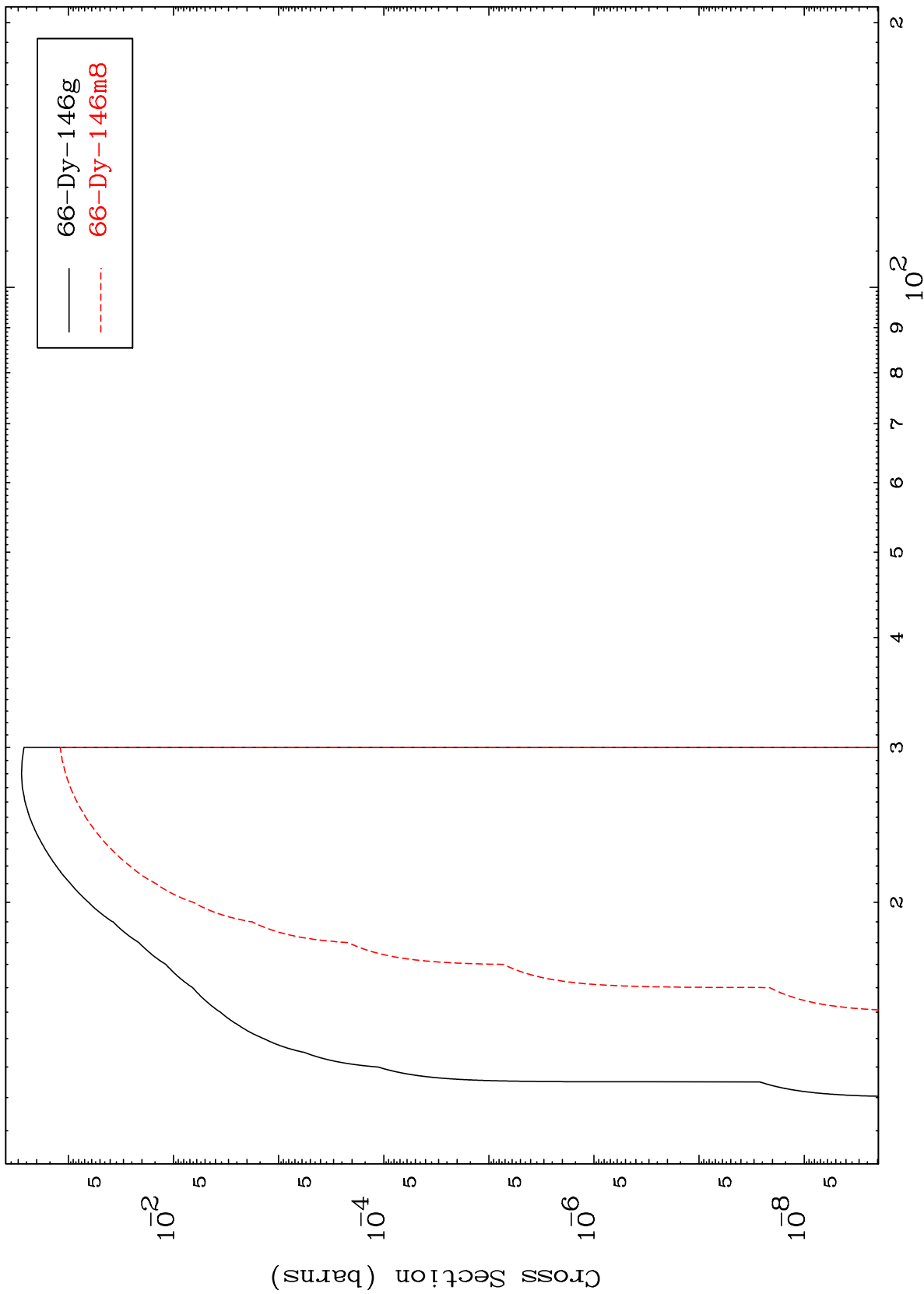
25

Incident Energy (MeV)

67-Ho-148



Radionuclide Production Cross Section



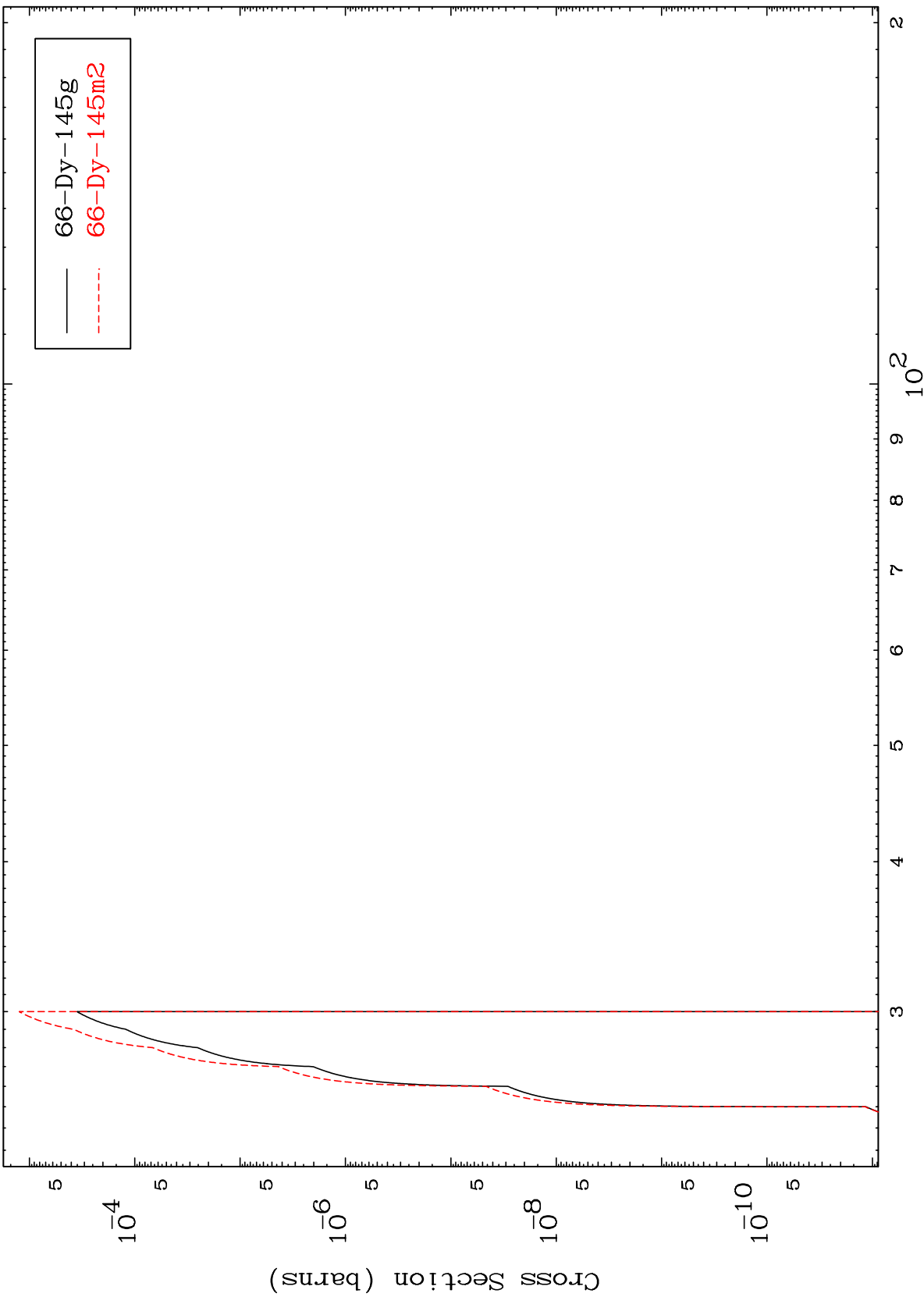
66-Dy-146g
66-Dy-146m8

MAT 6675

(n,3n) p

67-Ho-148

Radionuclide Production Cross Section



66-Dy-145g
66-Dy-145m2

28

Incident Energy (MeV)

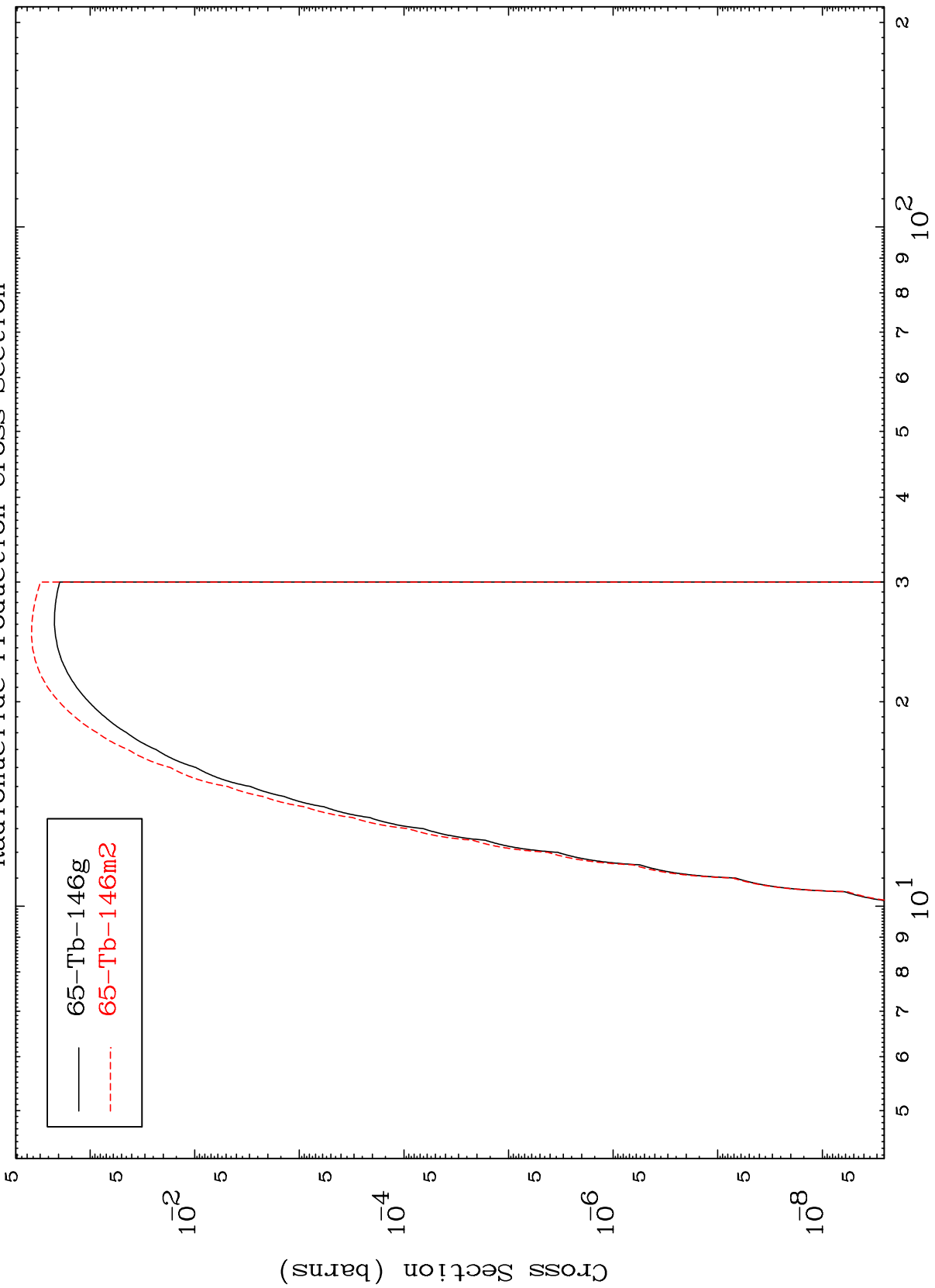
67-Ho-148

MAT 6675

(n,2n) p

67-Ho-148

Radionuclide Production Cross Section



29

Incident Energy (MeV)

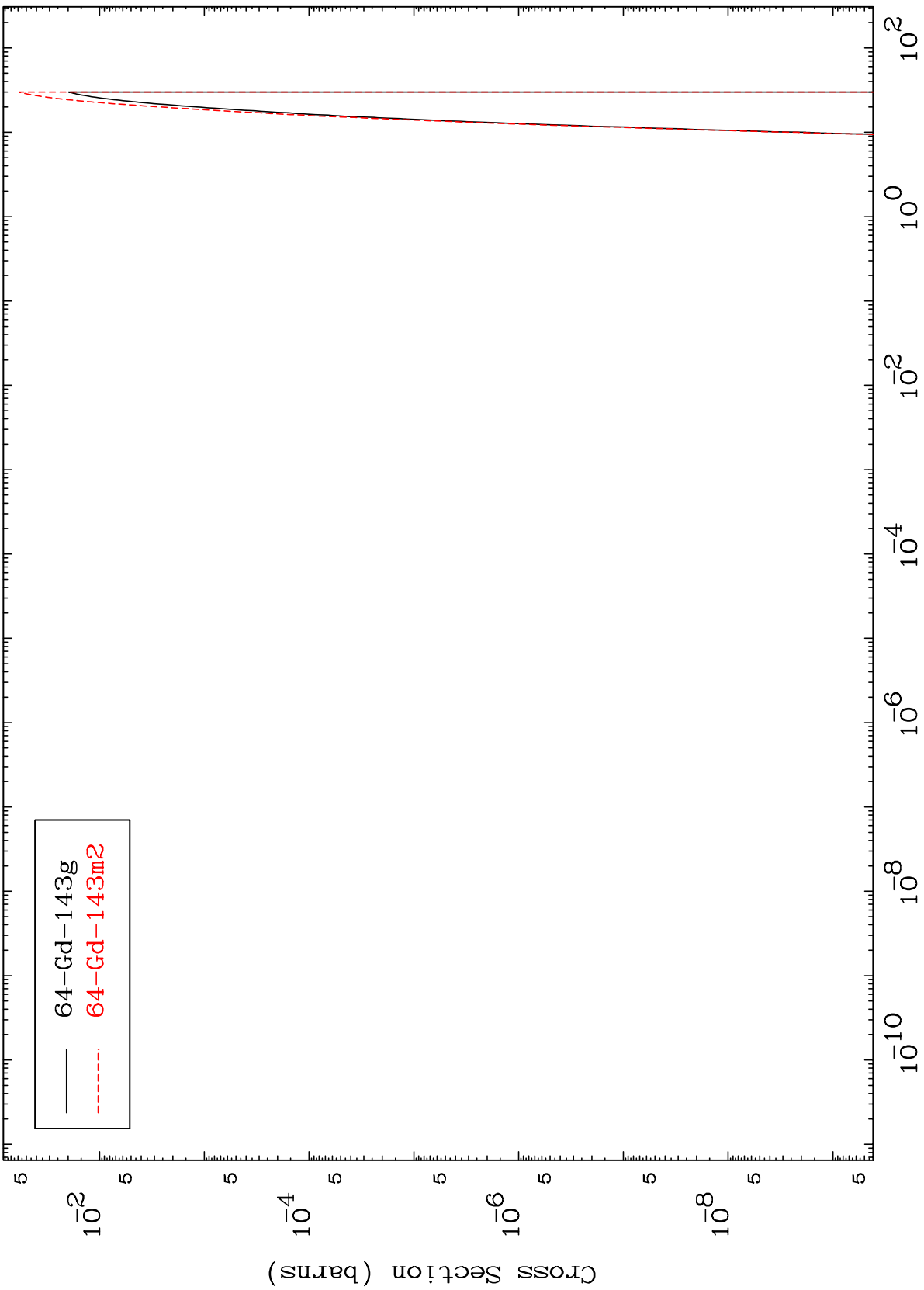
67-Ho-148

MAT 6675

(n,n') p α

67-Ho-148

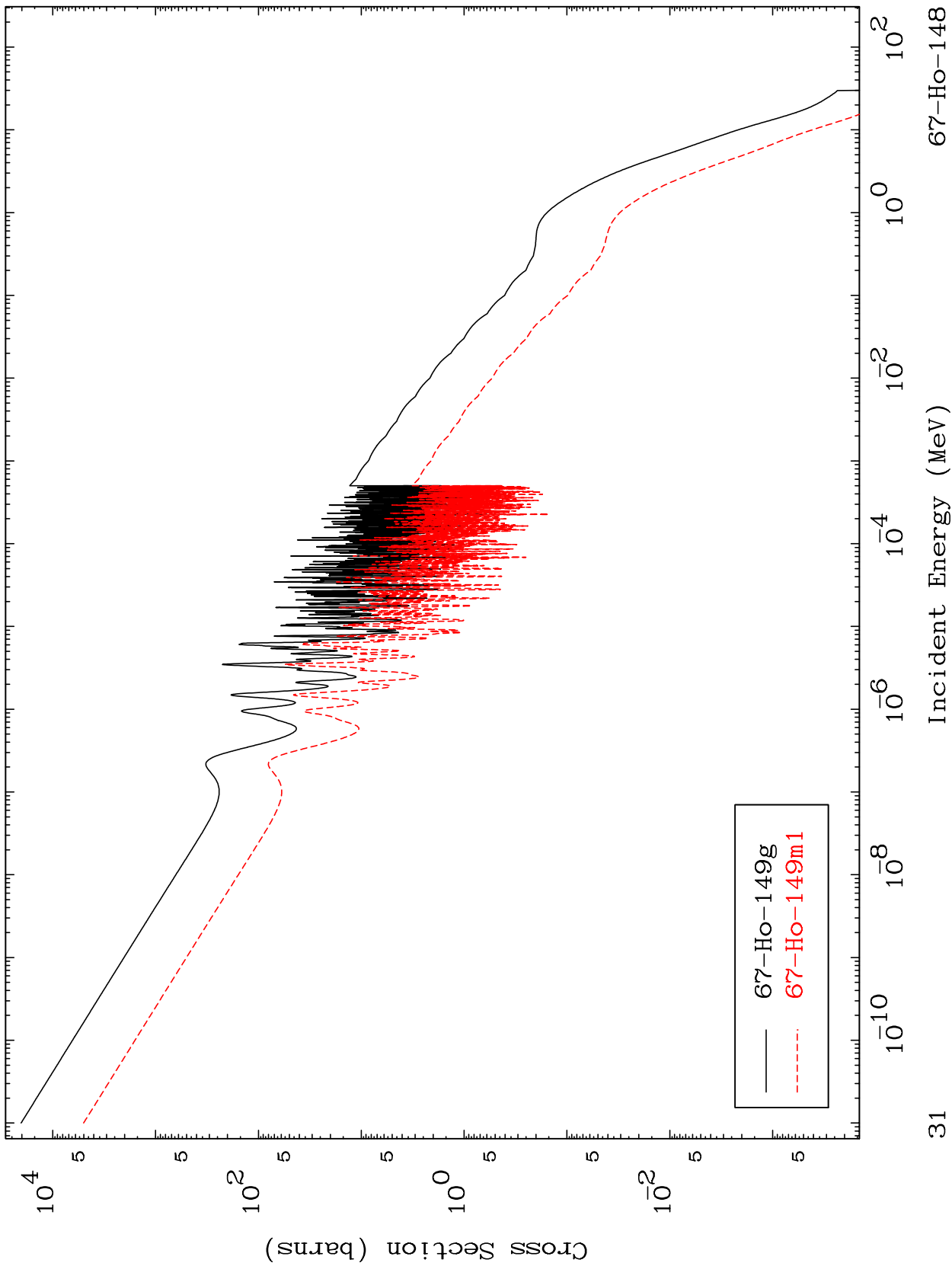
Radionuclide Production Cross Section



MAT 6675

67-Ho-148

(n, γ)
Radionuclide Production Cross Section

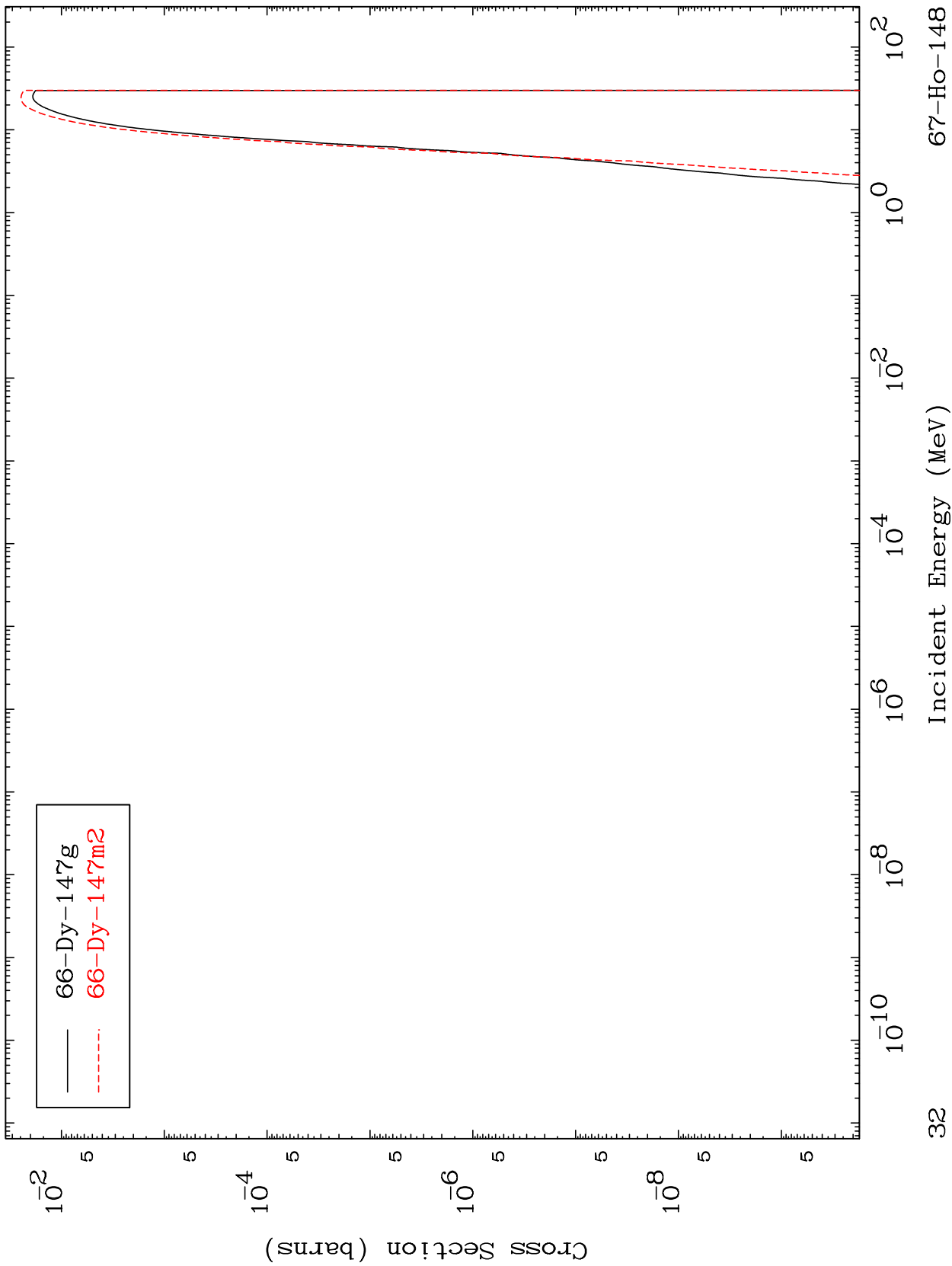


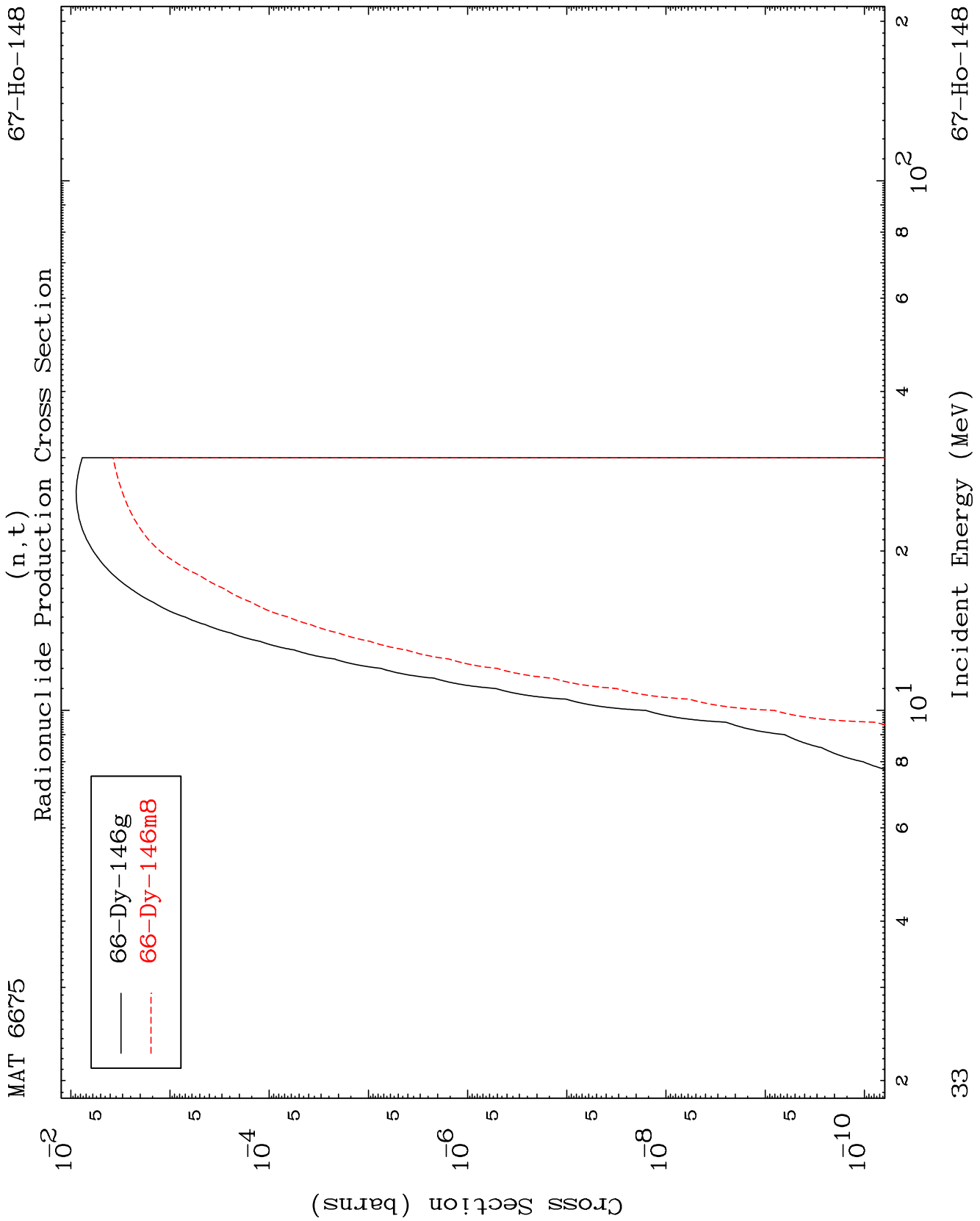
MAT 6675

(n,d)

67-Ho-148

Radionuclide Production Cross Section



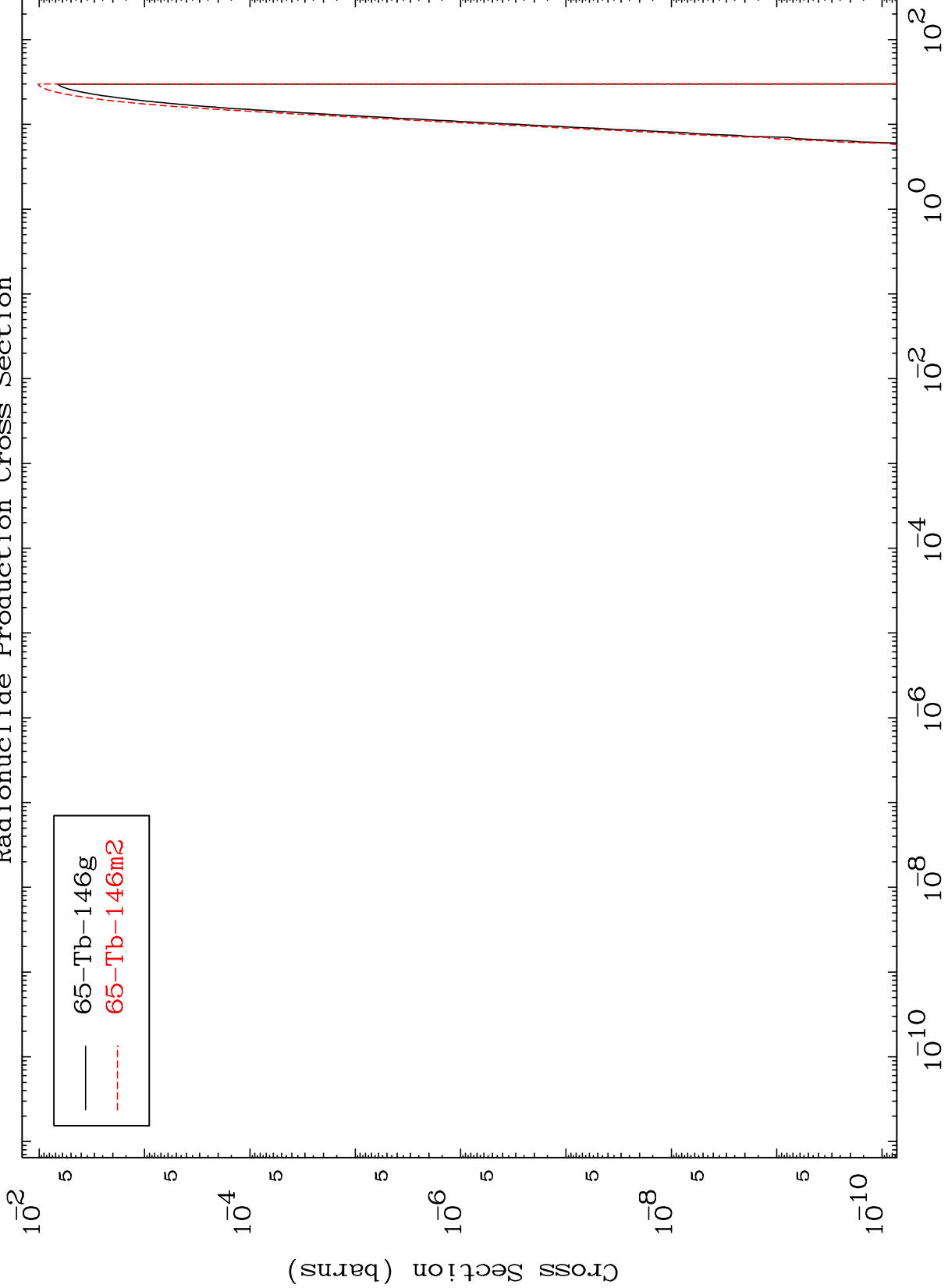


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(n,He-3)

67-Ho-148

Radionuclide Production Cross Section



65-Tb-146g
65-Tb-146m2

Incident Energy (MeV)

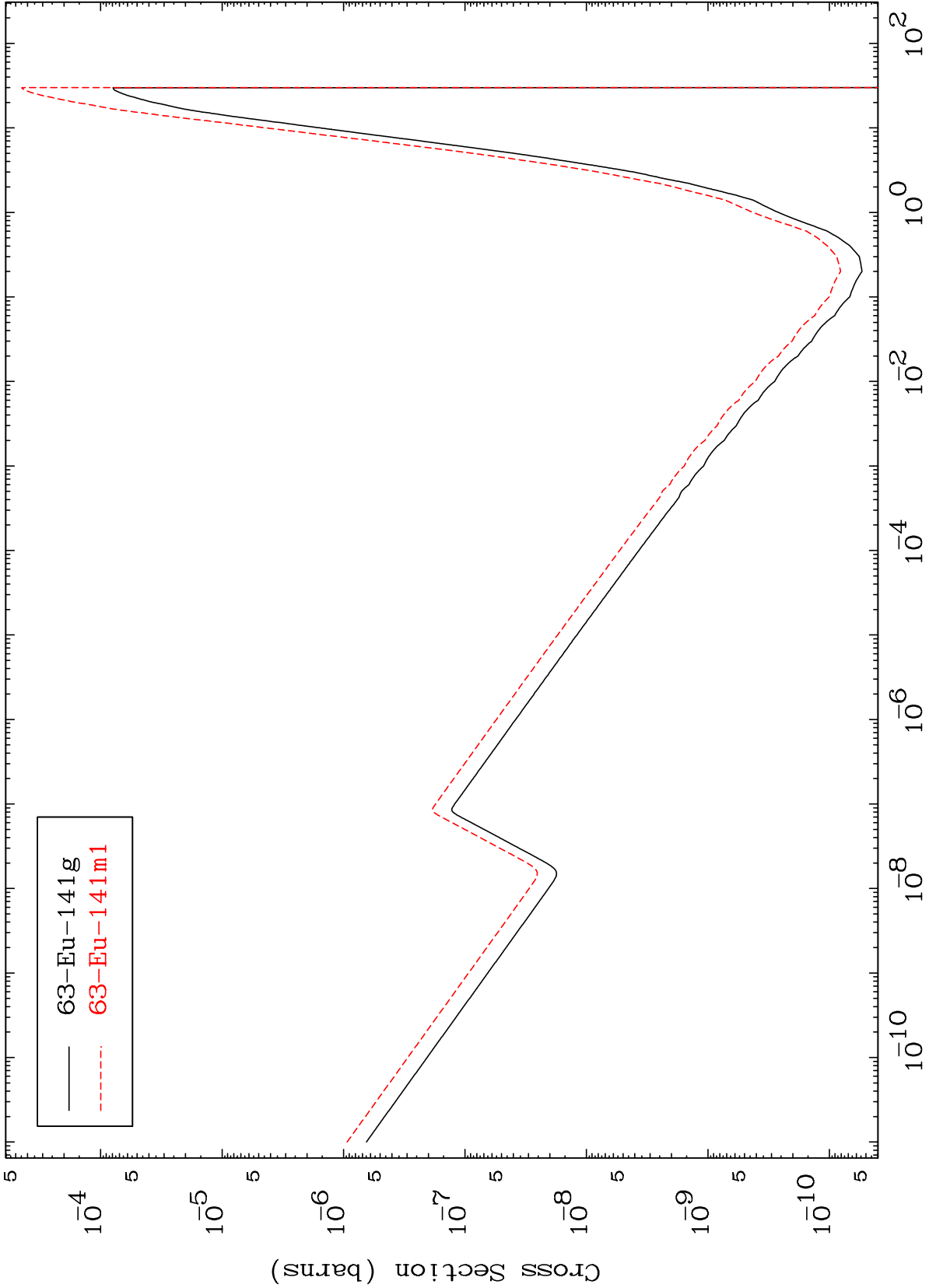
67-Ho-148

MAT 6675

(n,2α)

⁶⁷Ho-148

Radionuclide Production Cross Section



35

Incident Energy (MeV)

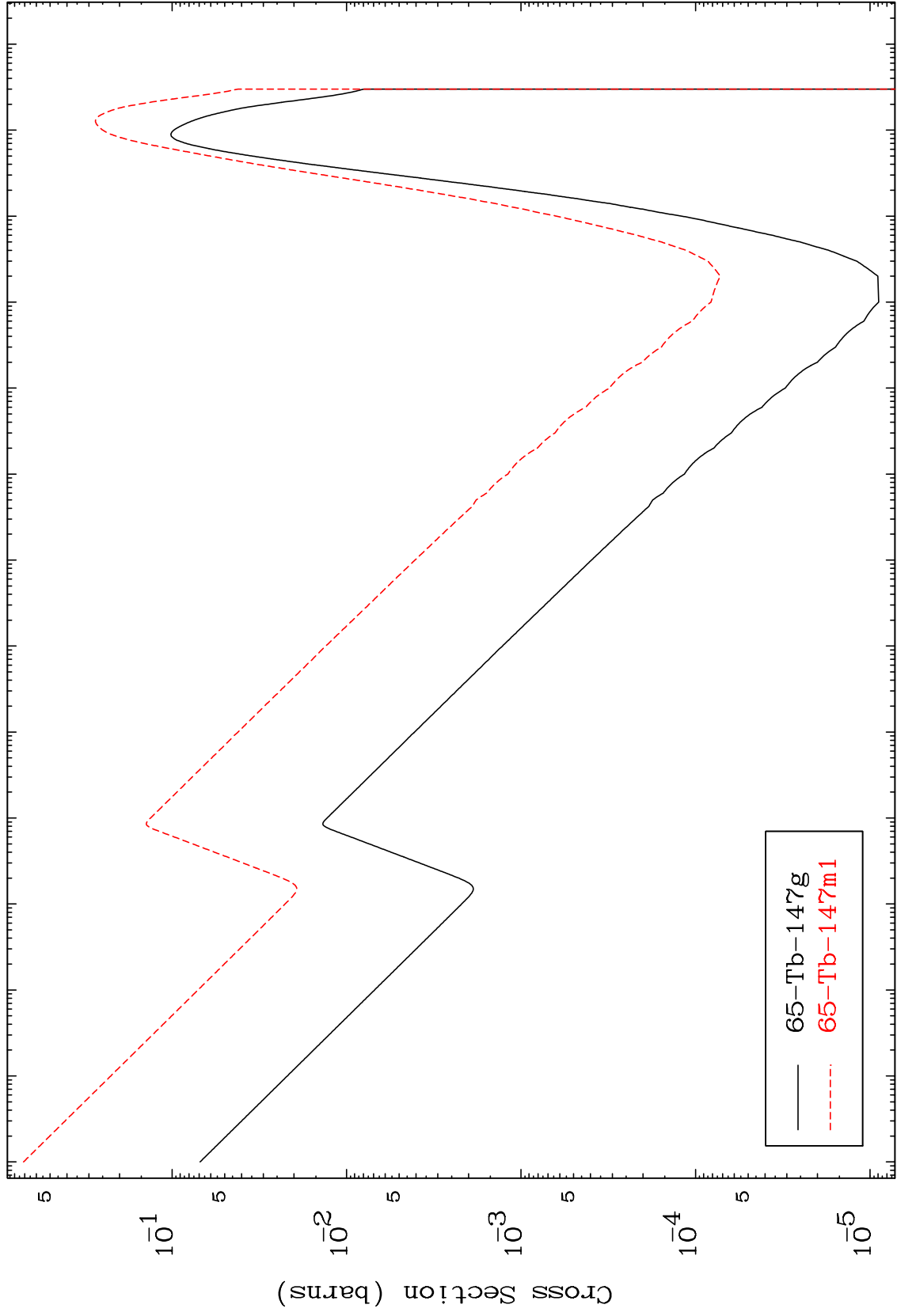
⁶⁷Ho-148

MAT 6675

(n,2p)

67-Ho-148

Radionuclide Production Cross Section



67-Ho-148

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10⁻⁵

10⁻³

10⁻¹

10¹

10²

Incident Energy (MeV)

67-Ho-148

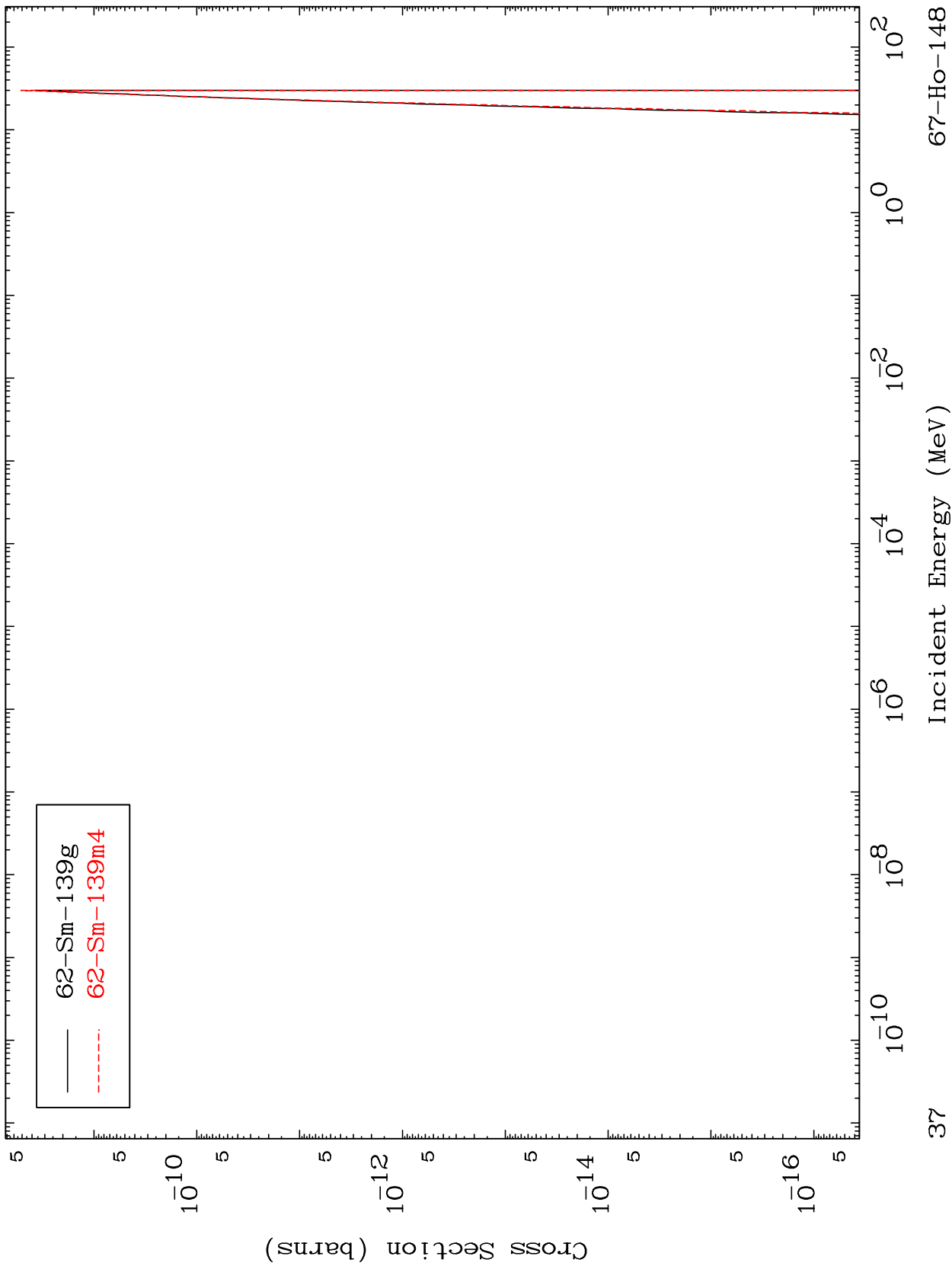
36

MAT 6675

(n,d) 2 α

67-Ho-148

Radionuclide Production Cross Section

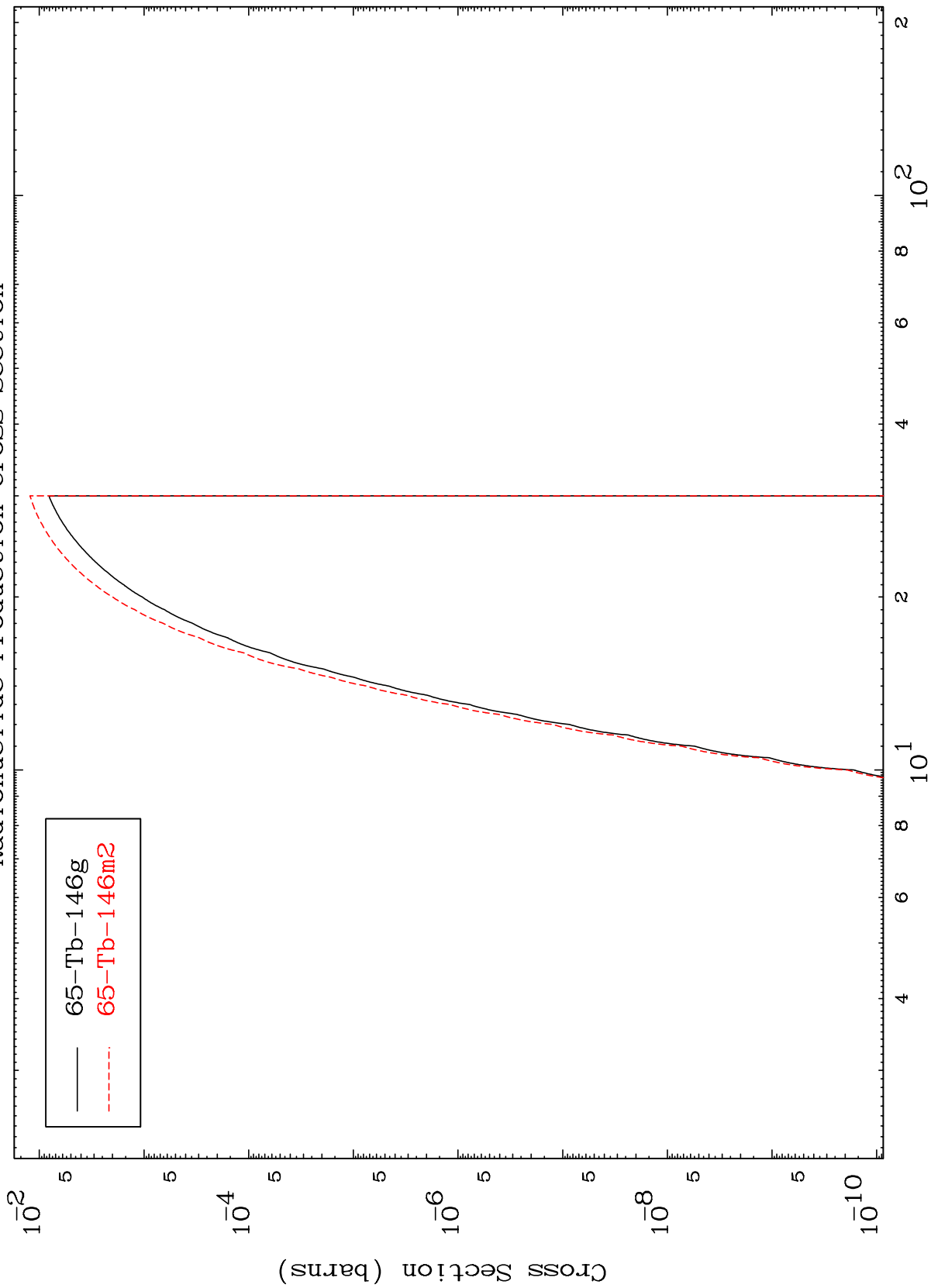


MAT 6675

(n,p) d

67-Ho-148

Radionuclide Production Cross Section



MAT 6675

(n,d) α

$^{67}\text{Ho-148}$

Radionuclide Production Cross Section

