

Program EVALPLOT
(Version 2018-1)

by

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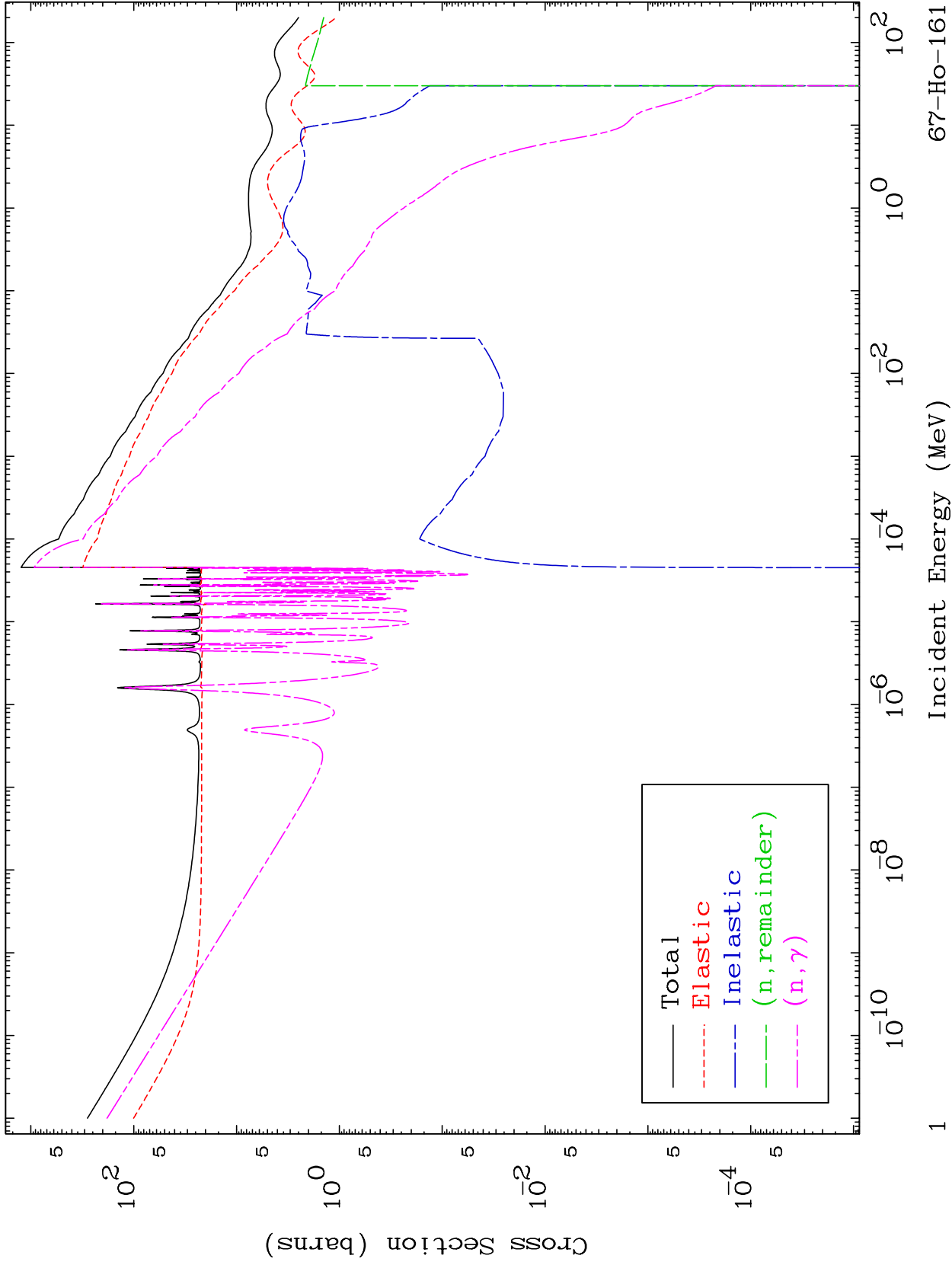
Press Mouse Button to Start

MAT 6714

Major

293 Kelvin Cross Sections

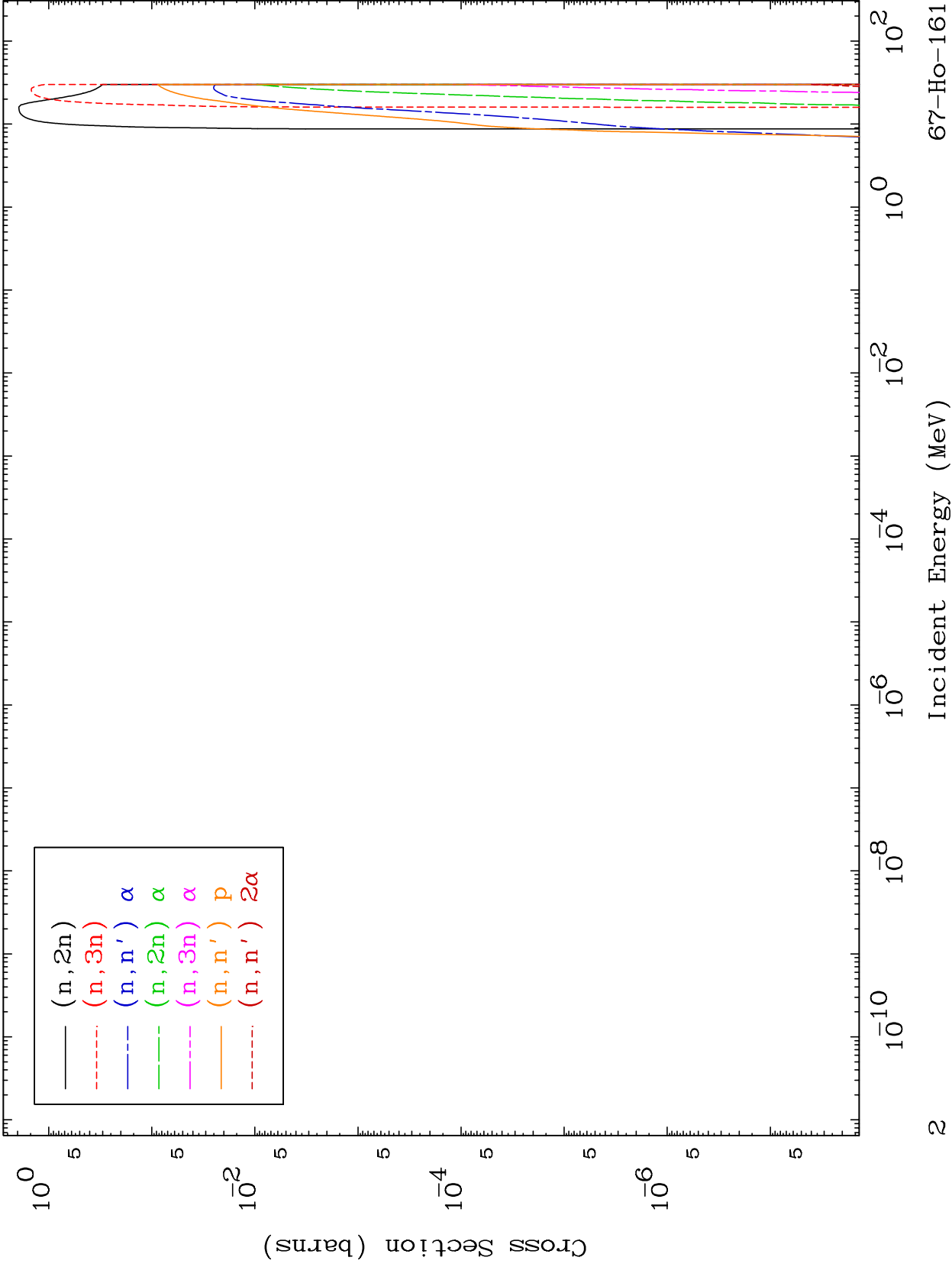
67-Ho-161

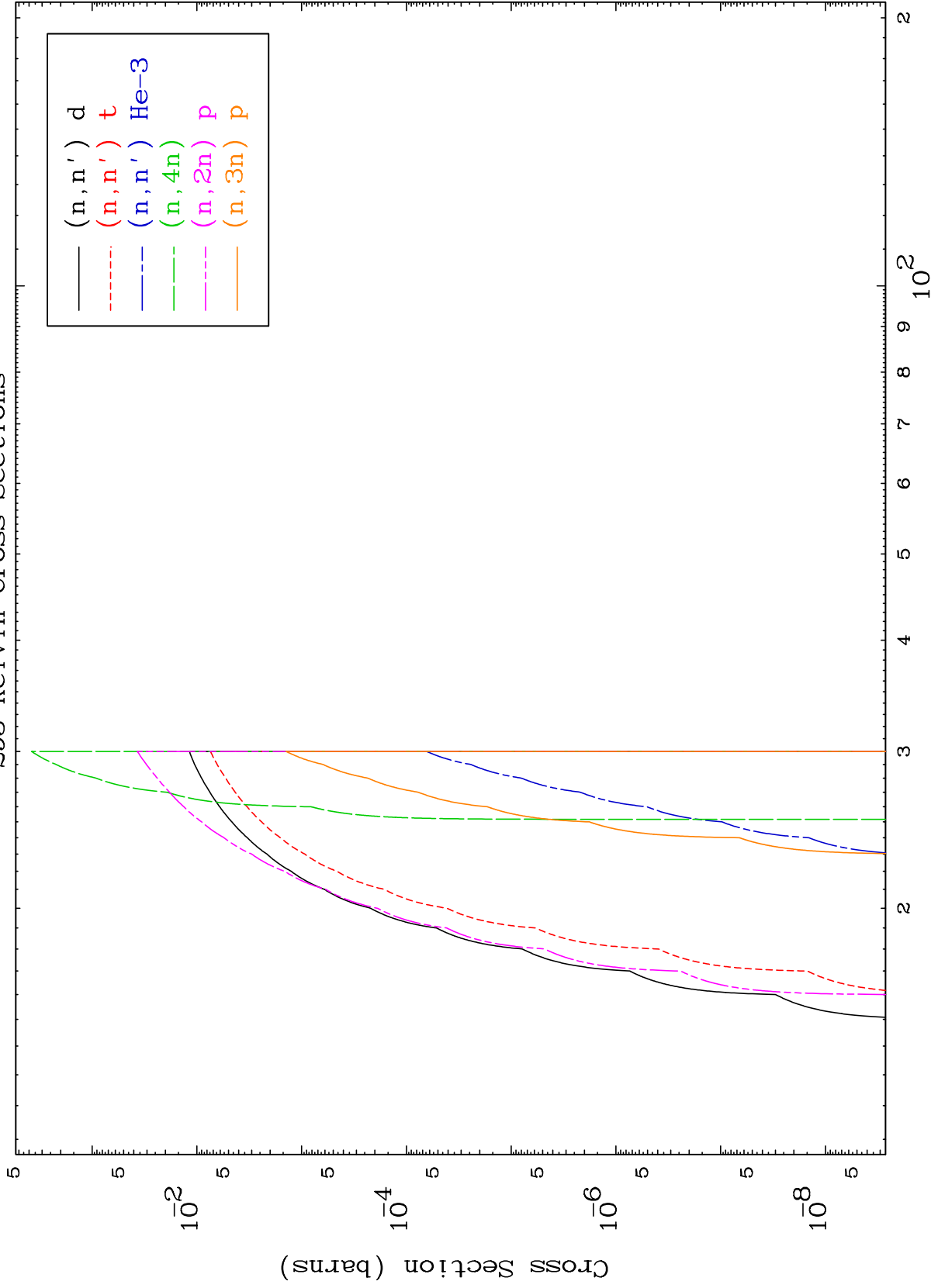


MAT 6714

Neutron Production
293 Kelvin Cross Sections

67-Ho-161

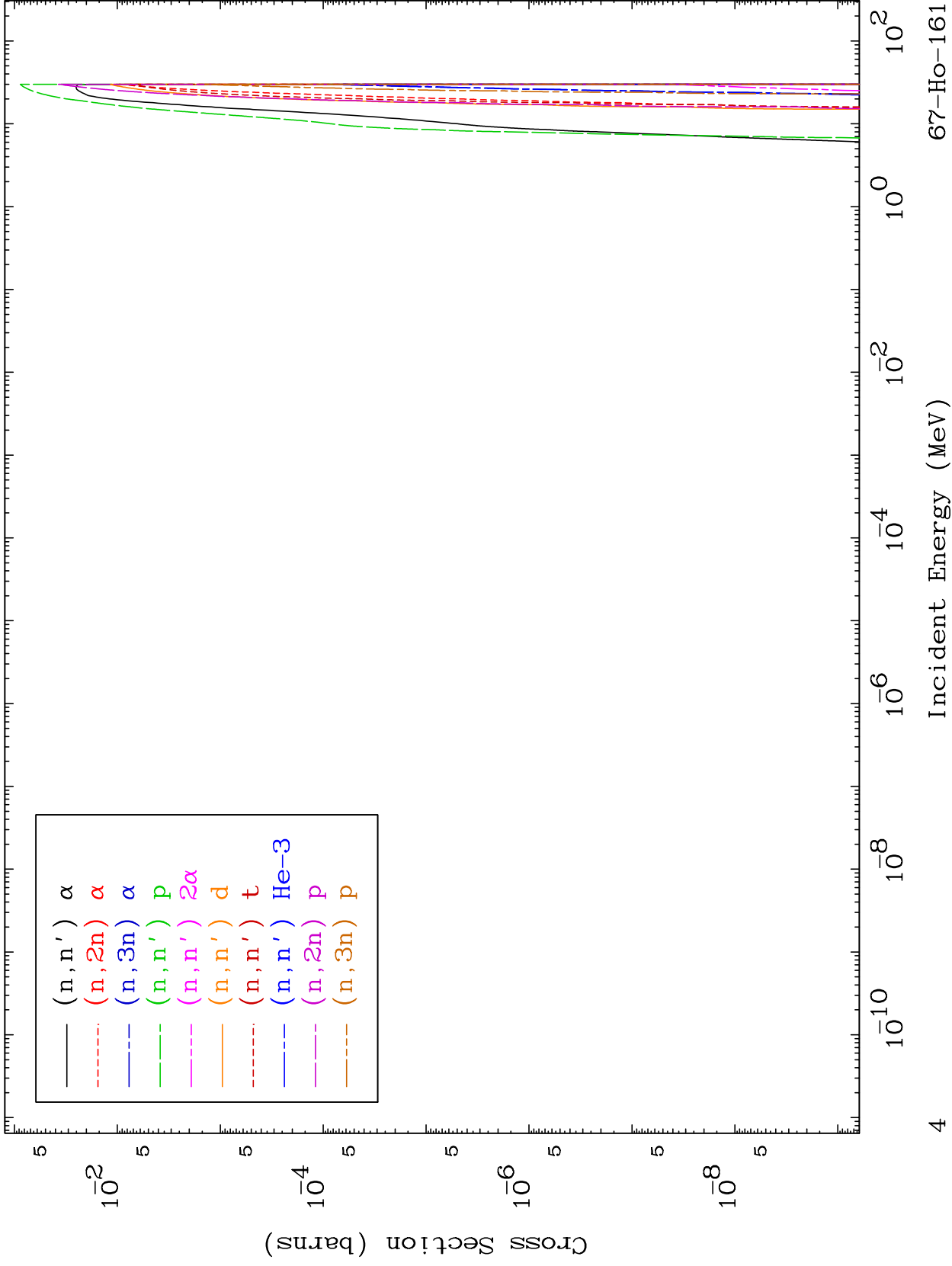




MAT 6714

Charged Particle
293 Kelvin Cross Sections

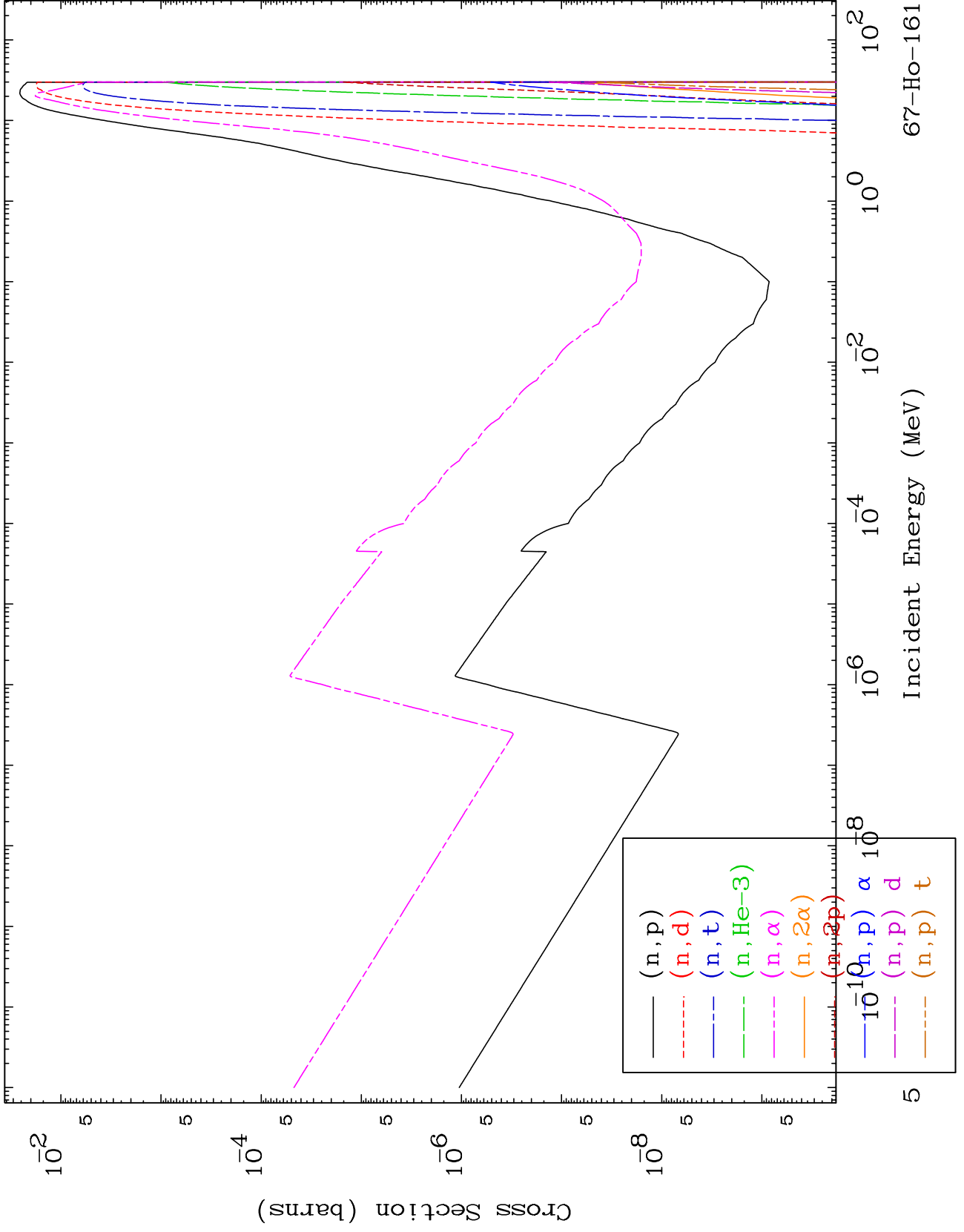
67-Ho-161



MAT 6714

Charged Particle
293 Kelvin Cross Sections

67-Ho-161



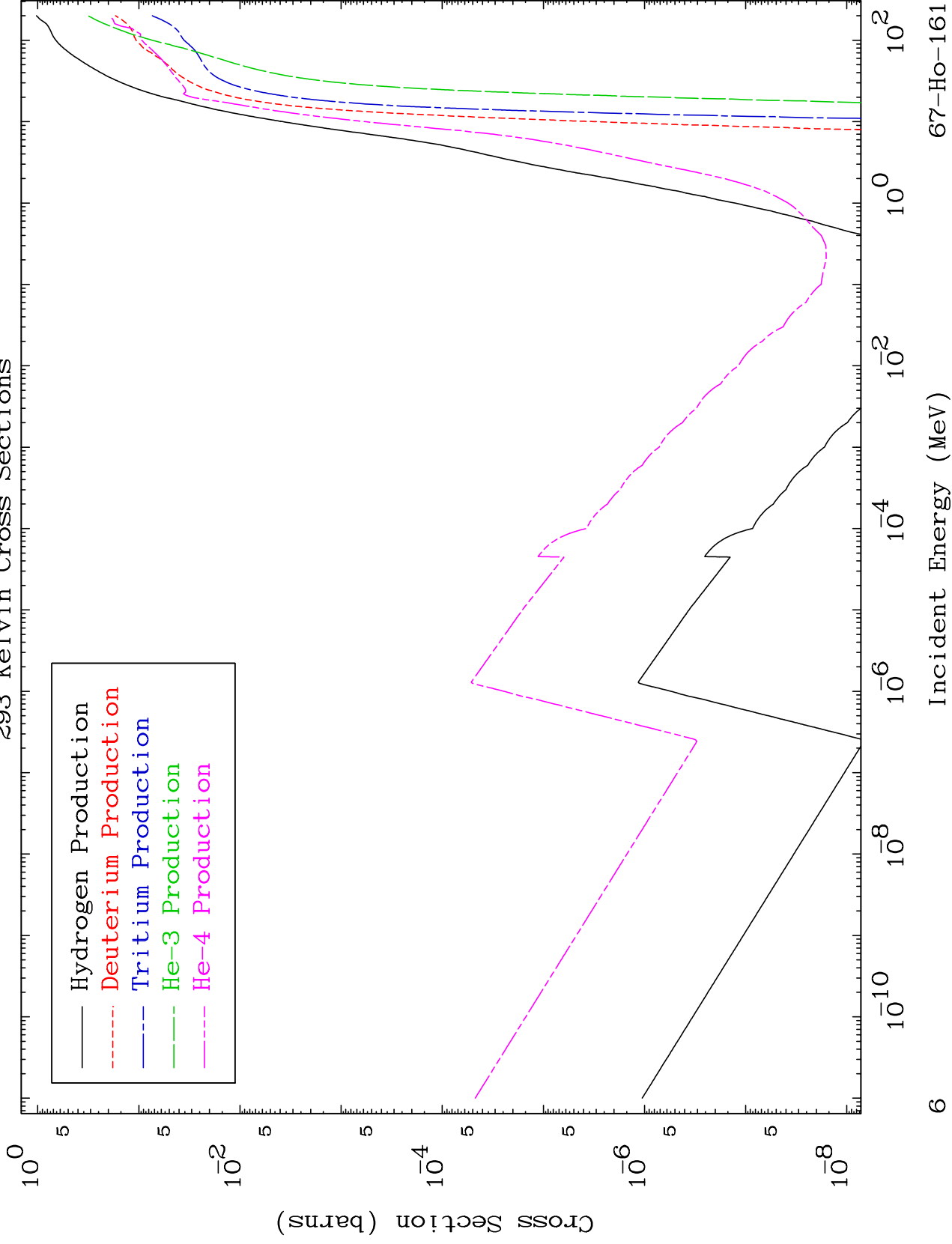
67-Ho-161

Incident Energy (MeV)

MAT 6714

Particle Production
293 Kelvin Cross Sections

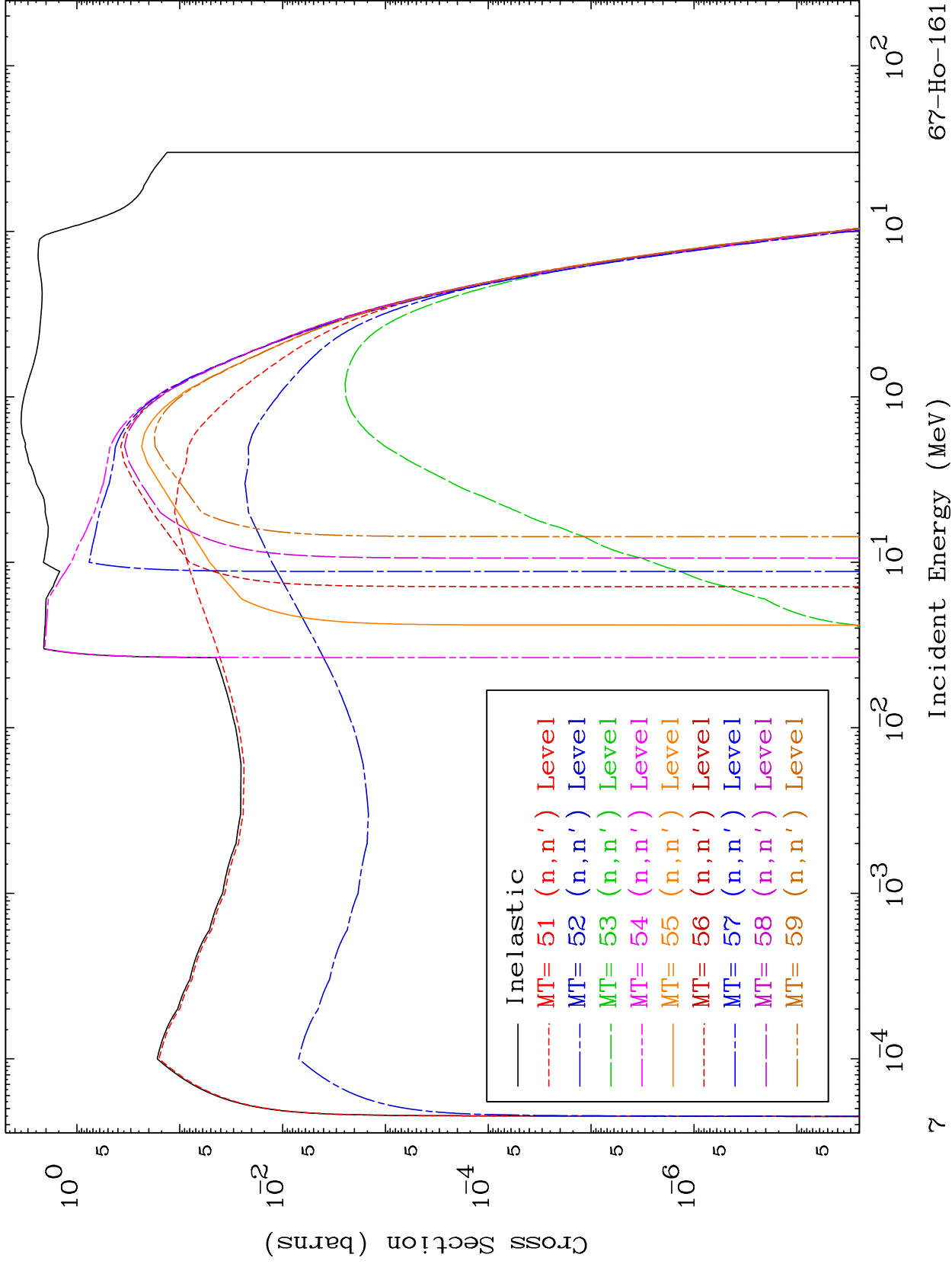
67-Ho-161



MAT 6714

293 (n,n') Level

67-Ho-161

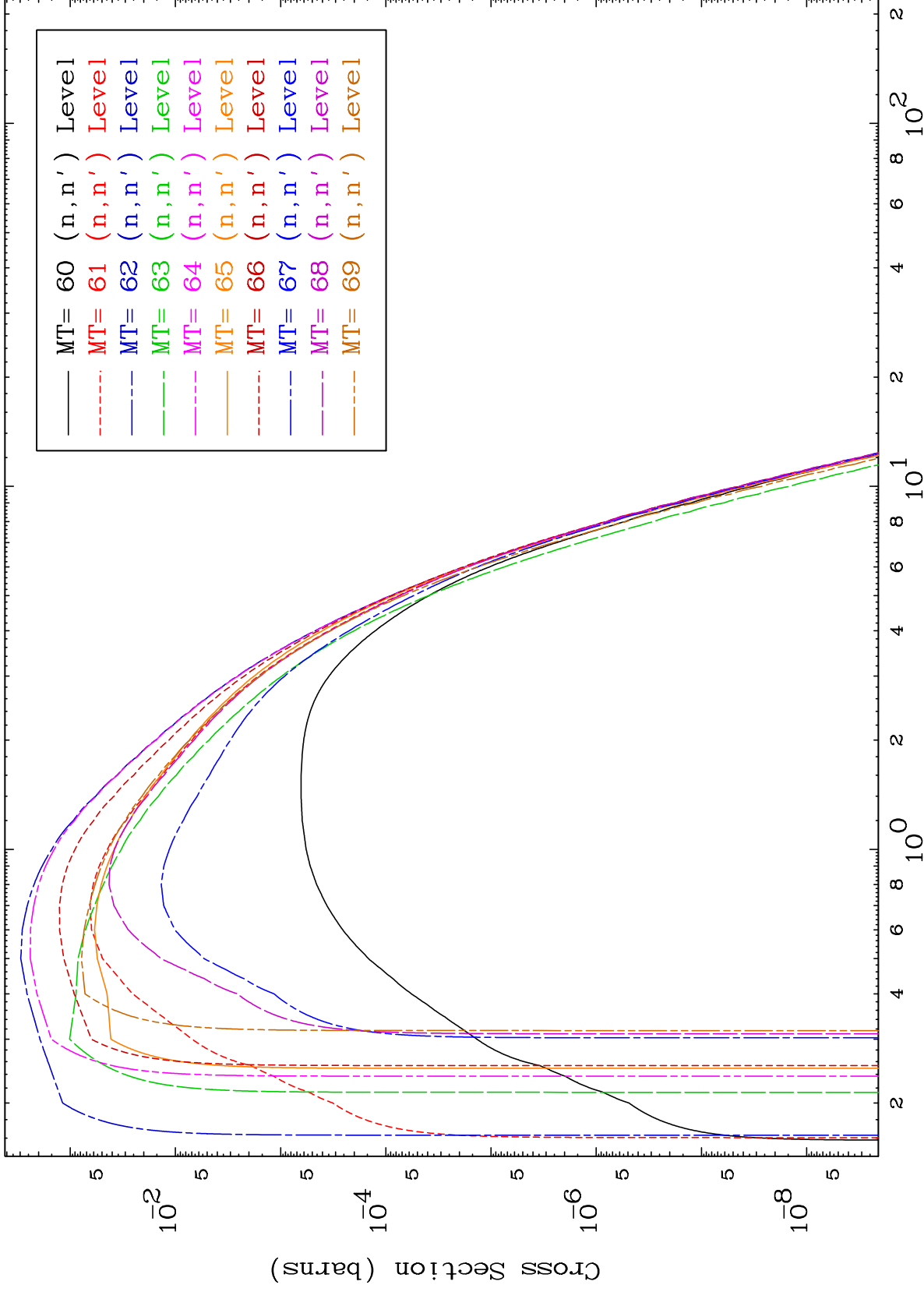


MAT 6714

(n,n') Level

67-Ho-161

293 Kelvin Cross Sections



8

Incident Energy (MeV)

67-Ho-161

MAT 6714

(n,n') Level

67-Ho-161

293 Kelvin Cross Sections

10^6

10^4

10^2

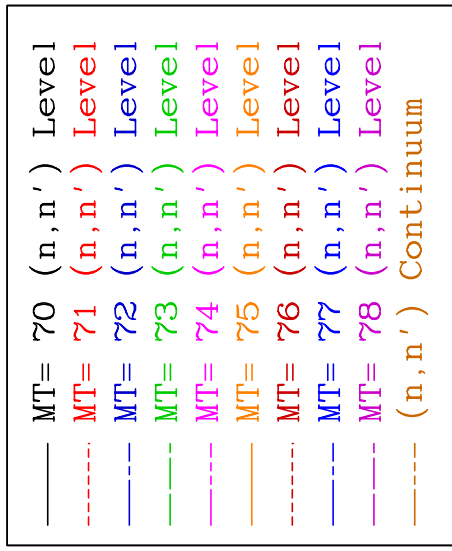
10^0

10^{-2}

10^{-4}

10^{-6}

Cross Section (barns)



4 6 8 10⁰ 2 4 6 8 10¹ 2

Incident Energy (MeV)

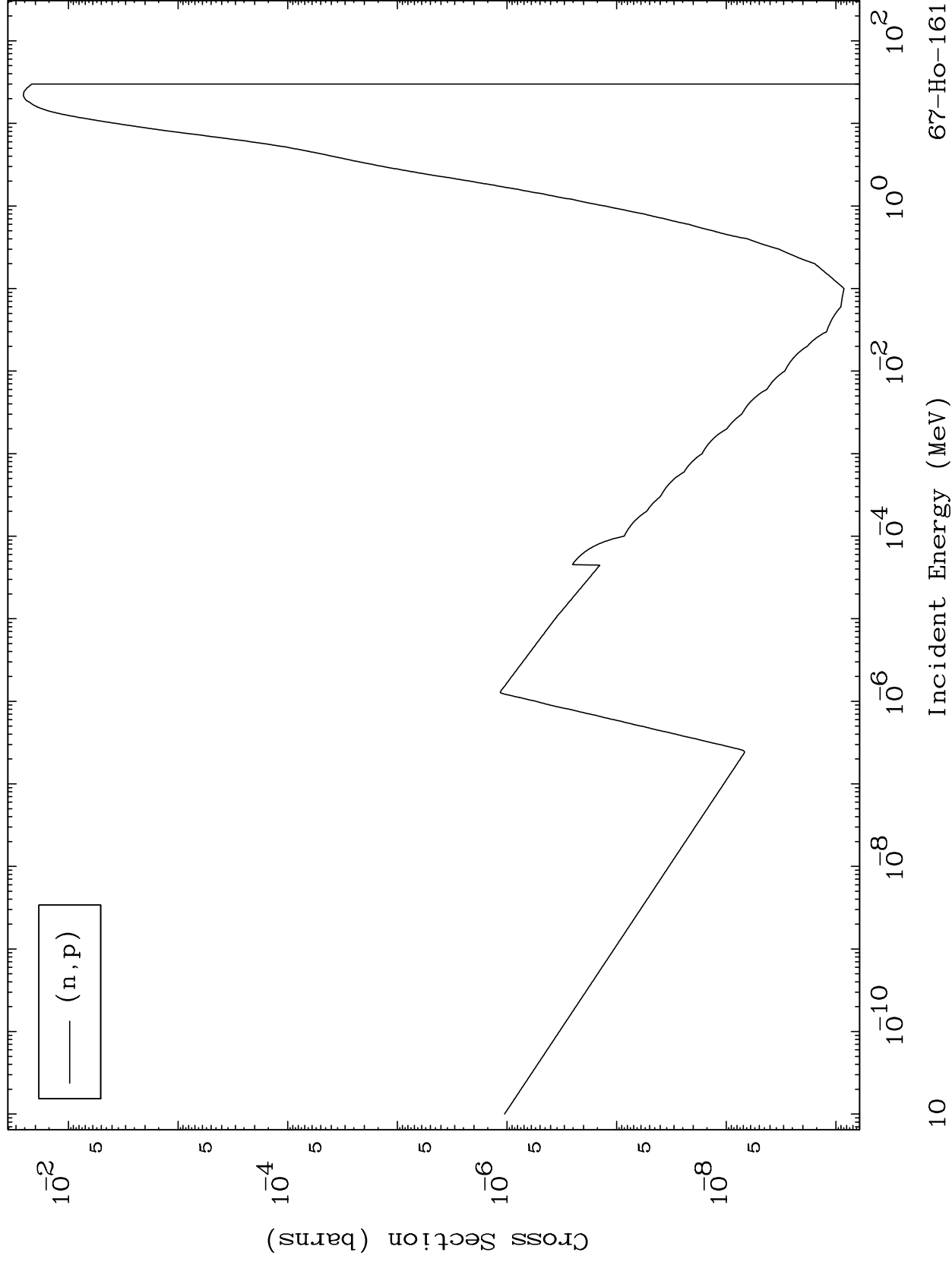
67-Ho-161

9

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(n,p) Levels
293 Kelvin Cross Sections

67-Ho-161



10

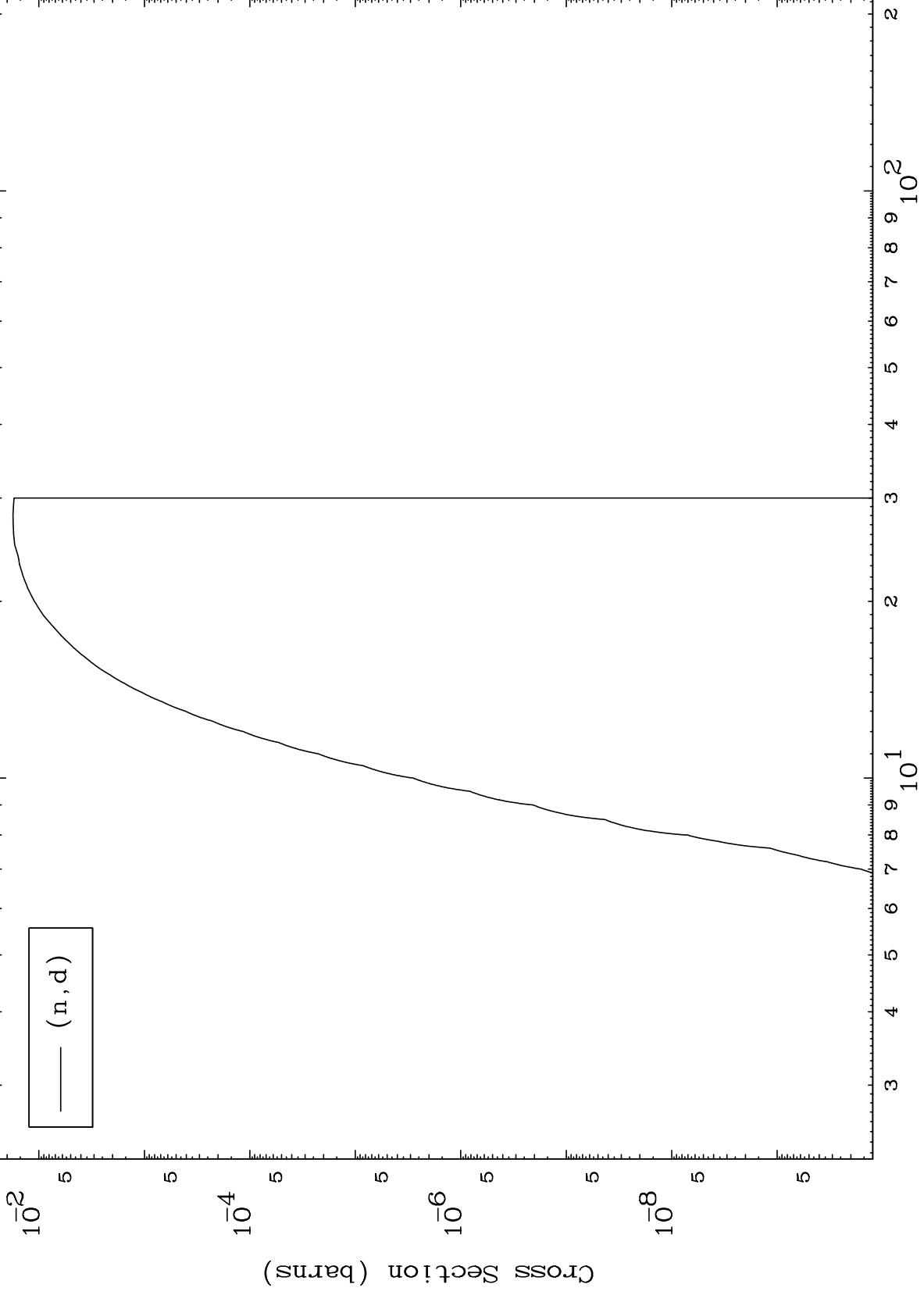
Incident Energy (MeV)

67-Ho-161

MAT 6714

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-161



11

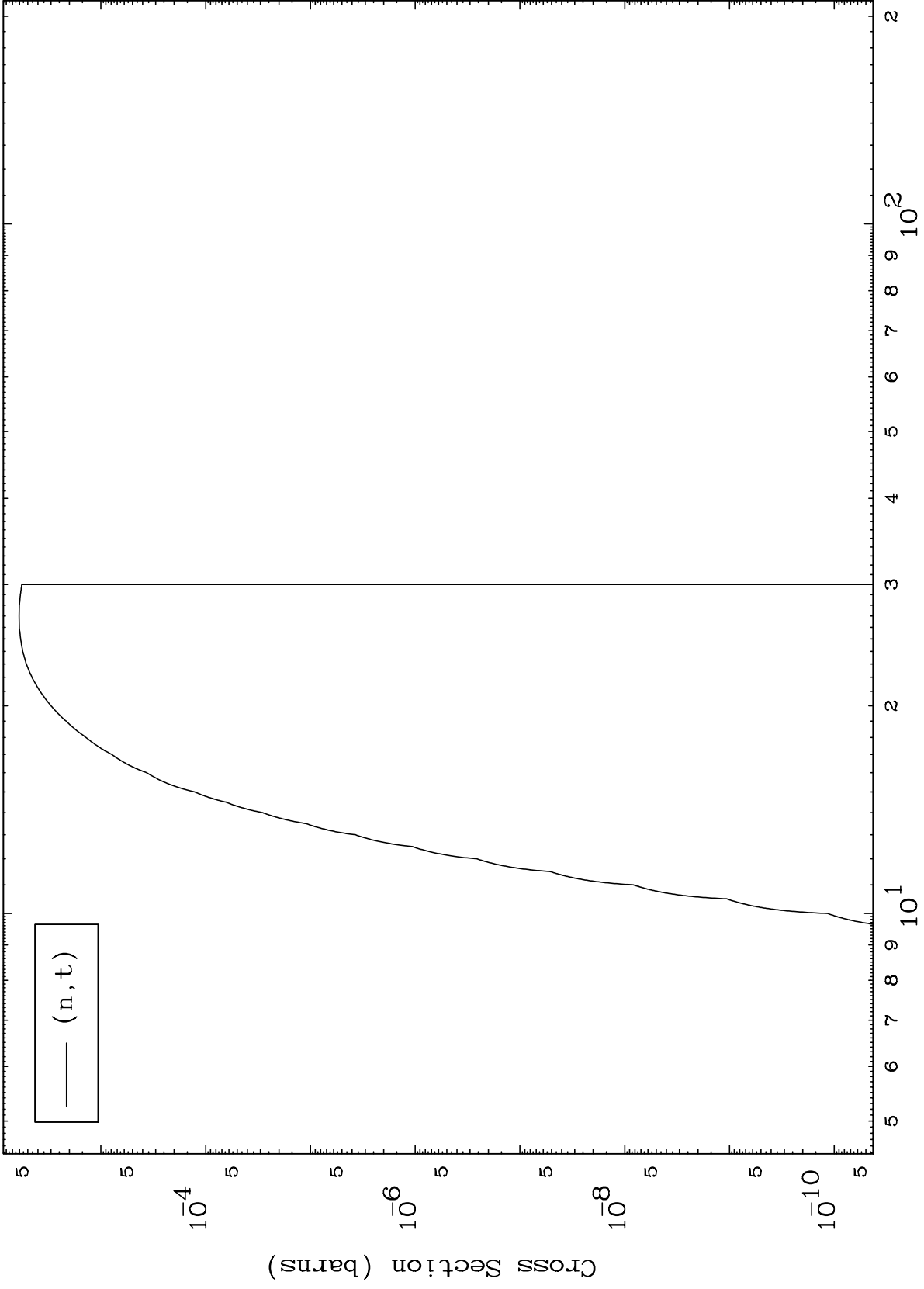
Incident Energy (MeV)

67-Ho-161

MAT 6714

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-161



12

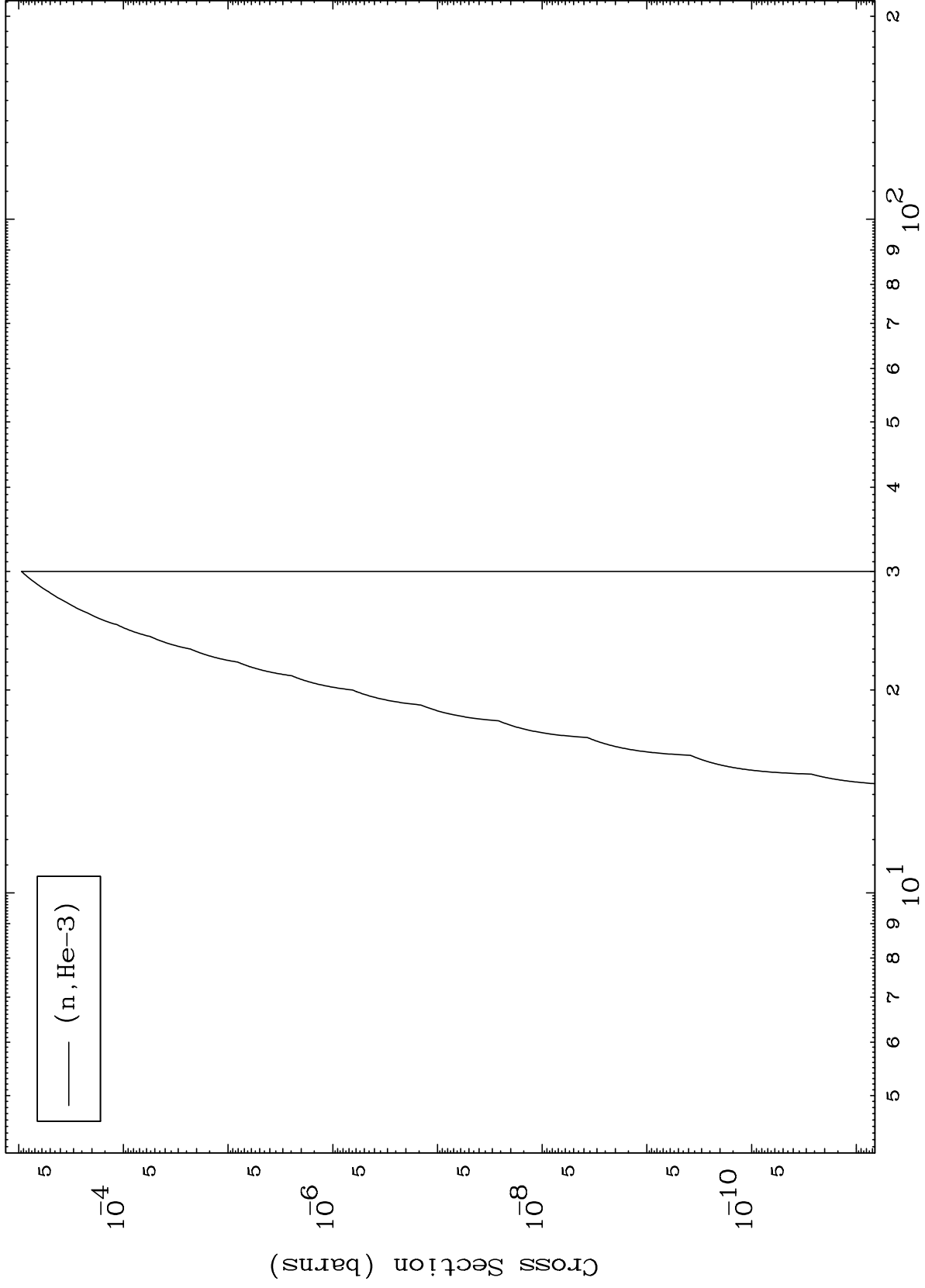
Incident Energy (MeV)

67-Ho-161

MAT 6714

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-161



13

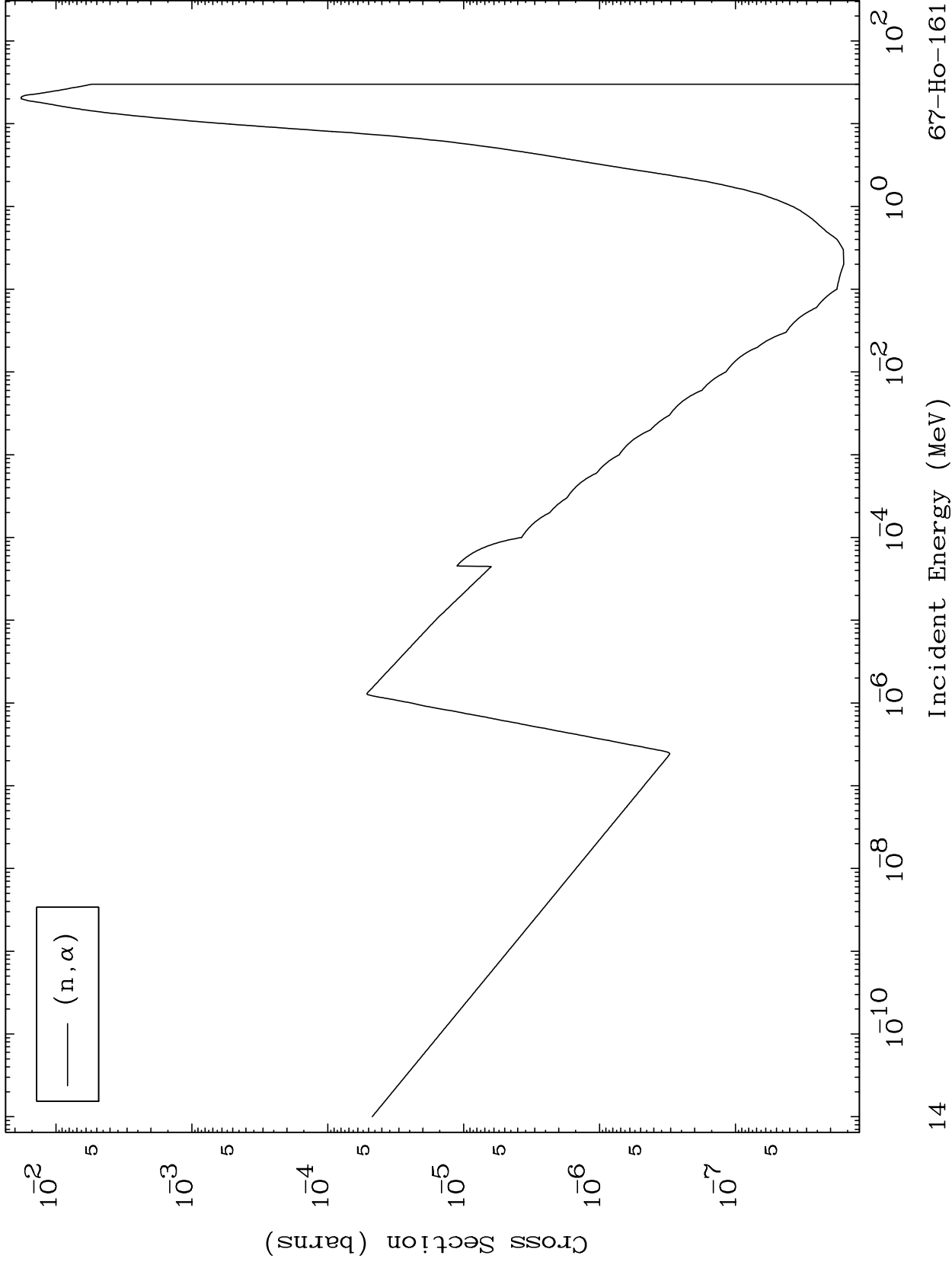
Incident Energy (MeV)

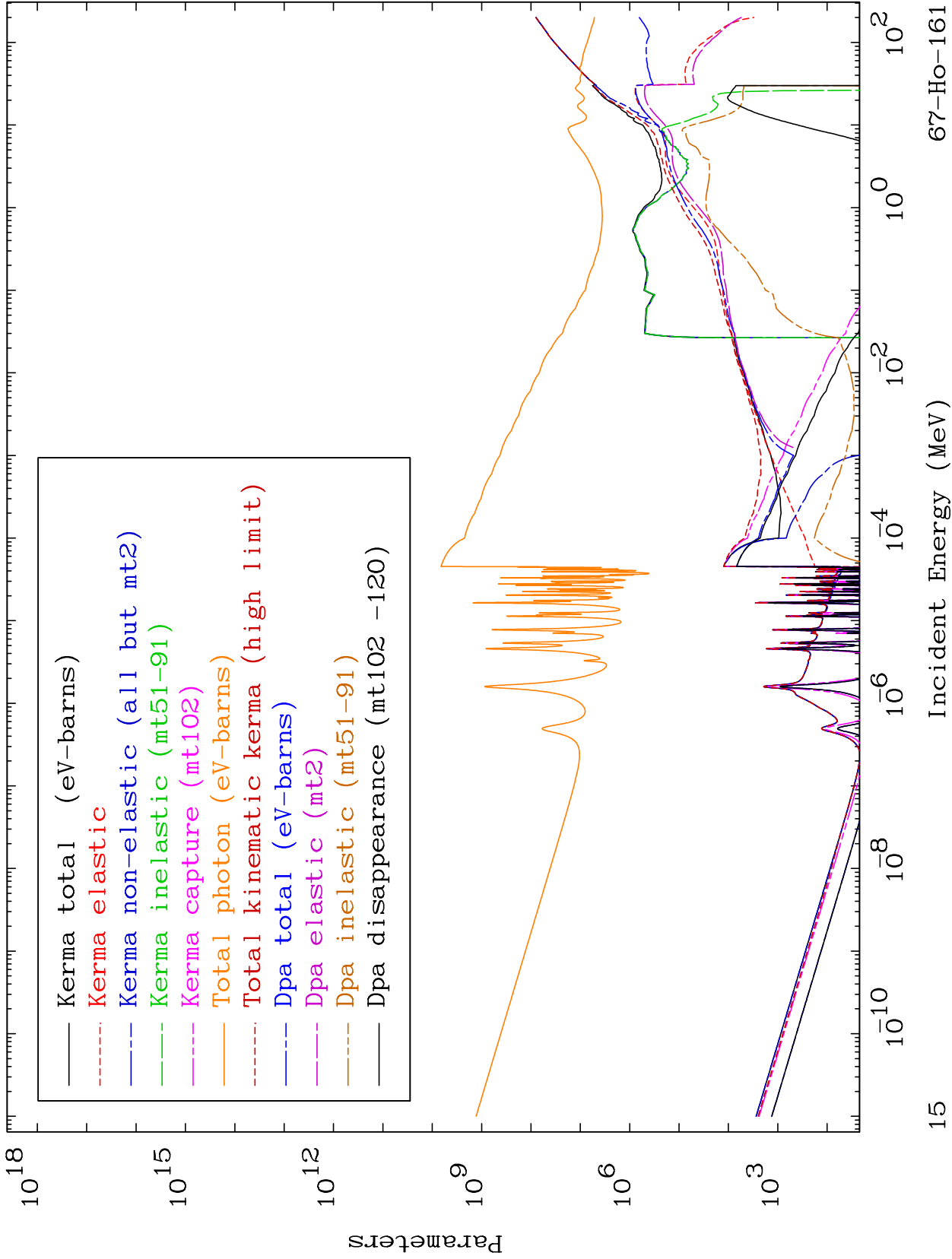
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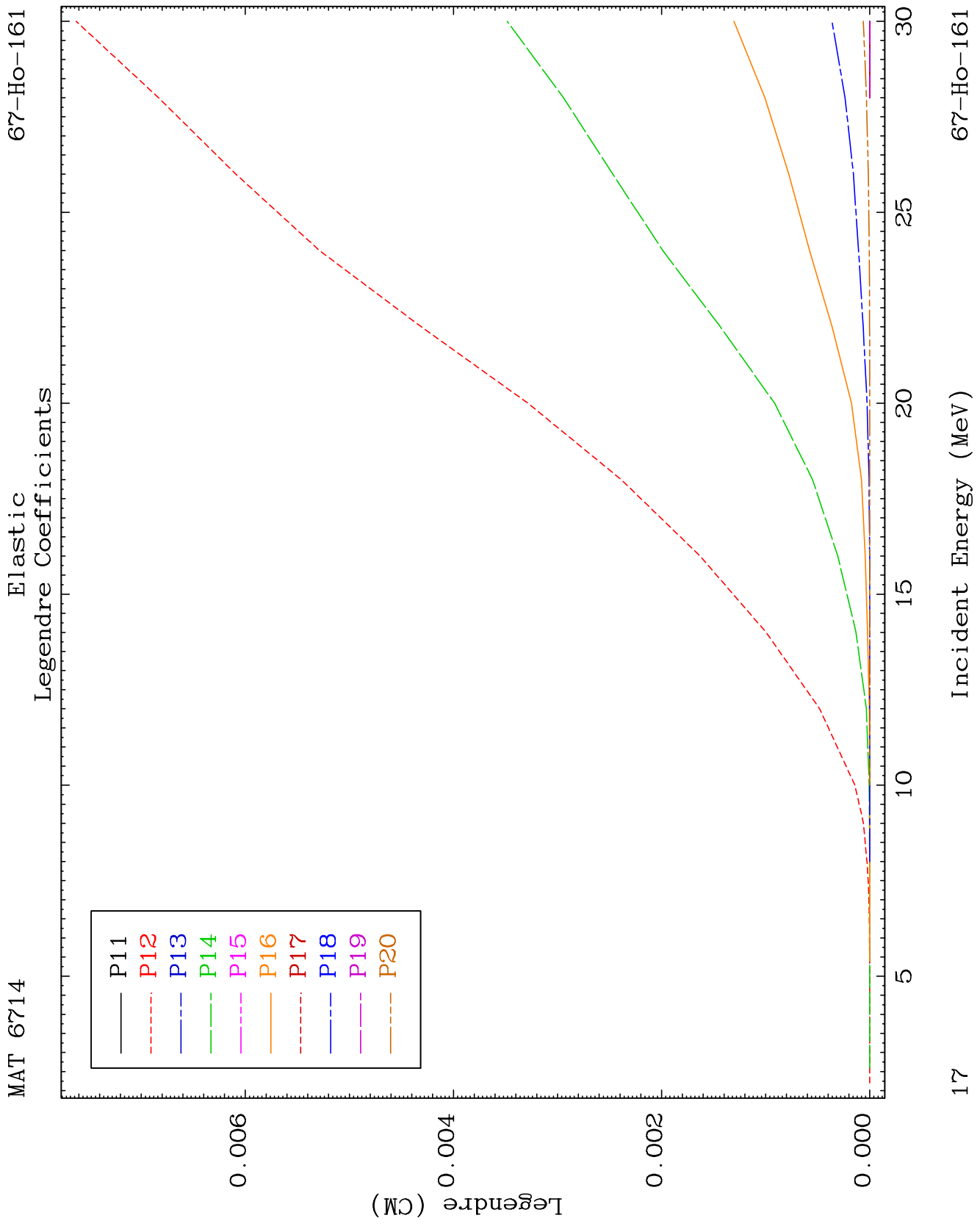
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(n, α) Levels
293 Kelvin Cross Sections

67-Ho-161



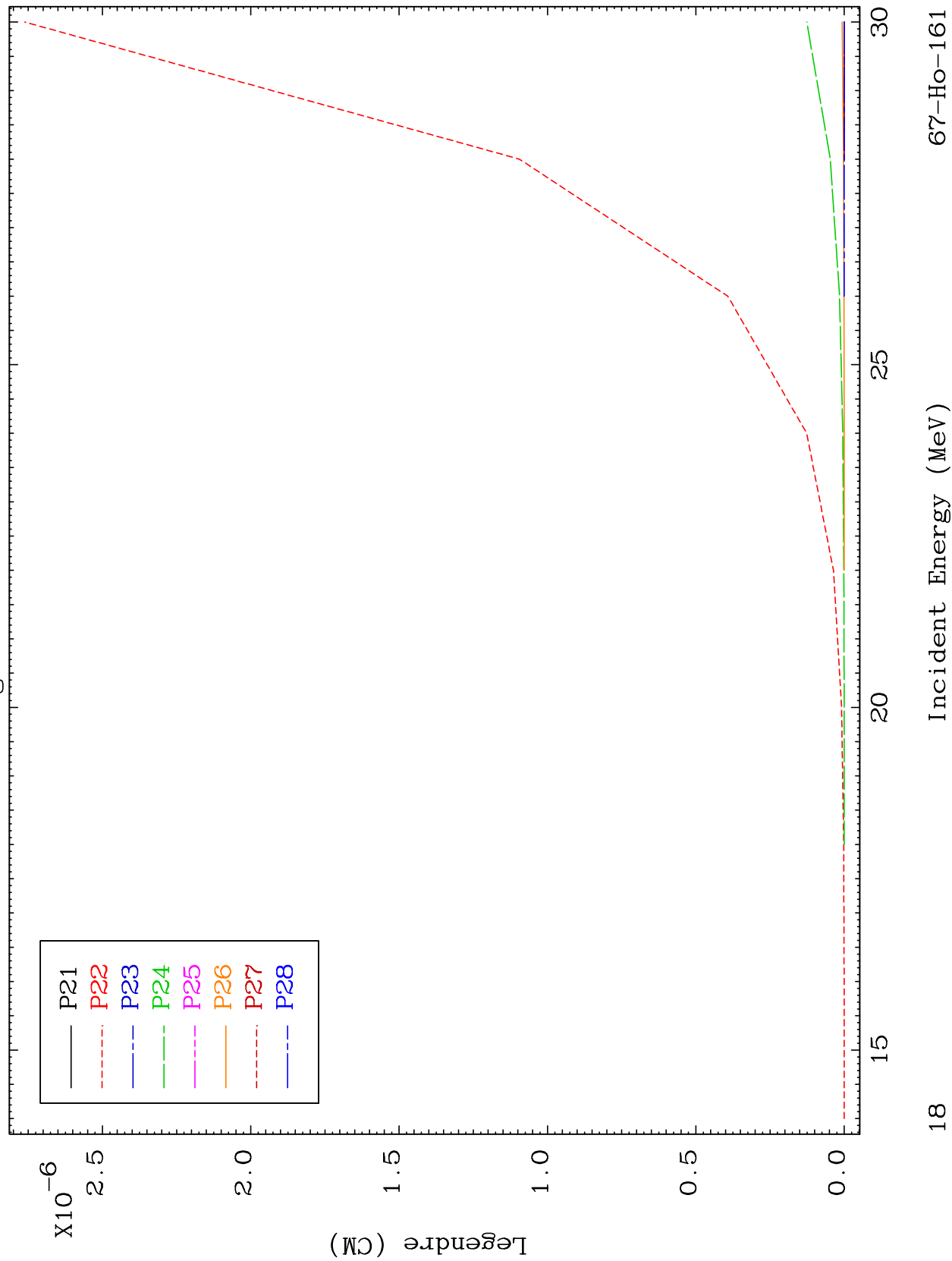




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Elastic
Legendre Coefficients

67-Ho-161



18

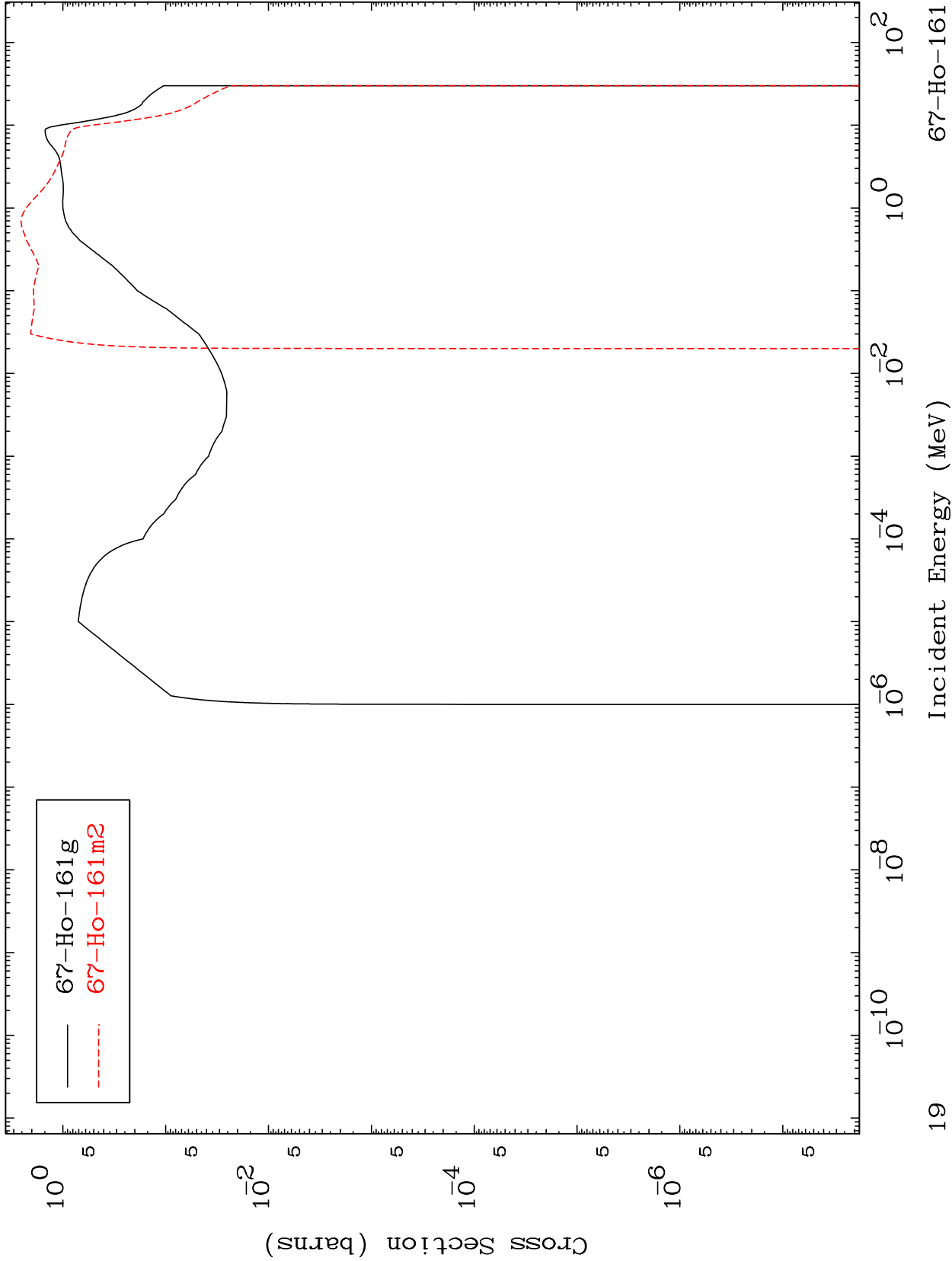
Incident Energy (MeV)

67-Ho-161

MAT 6714

⁶⁷Ho-161

Inelastic
Radionuclide Production Cross Section

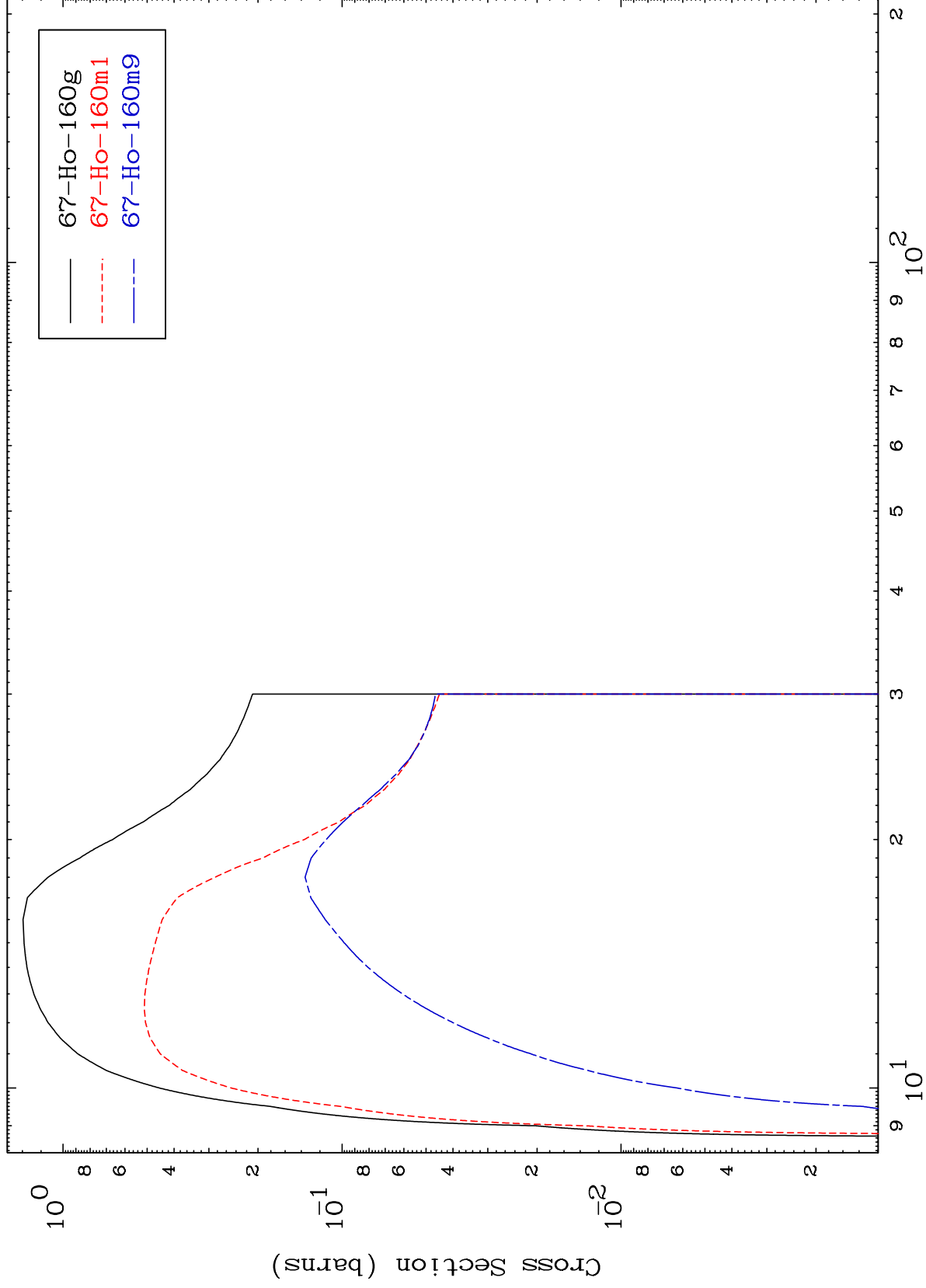


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(n,2n)

67-Ho-161

Radionuclide Production Cross Section



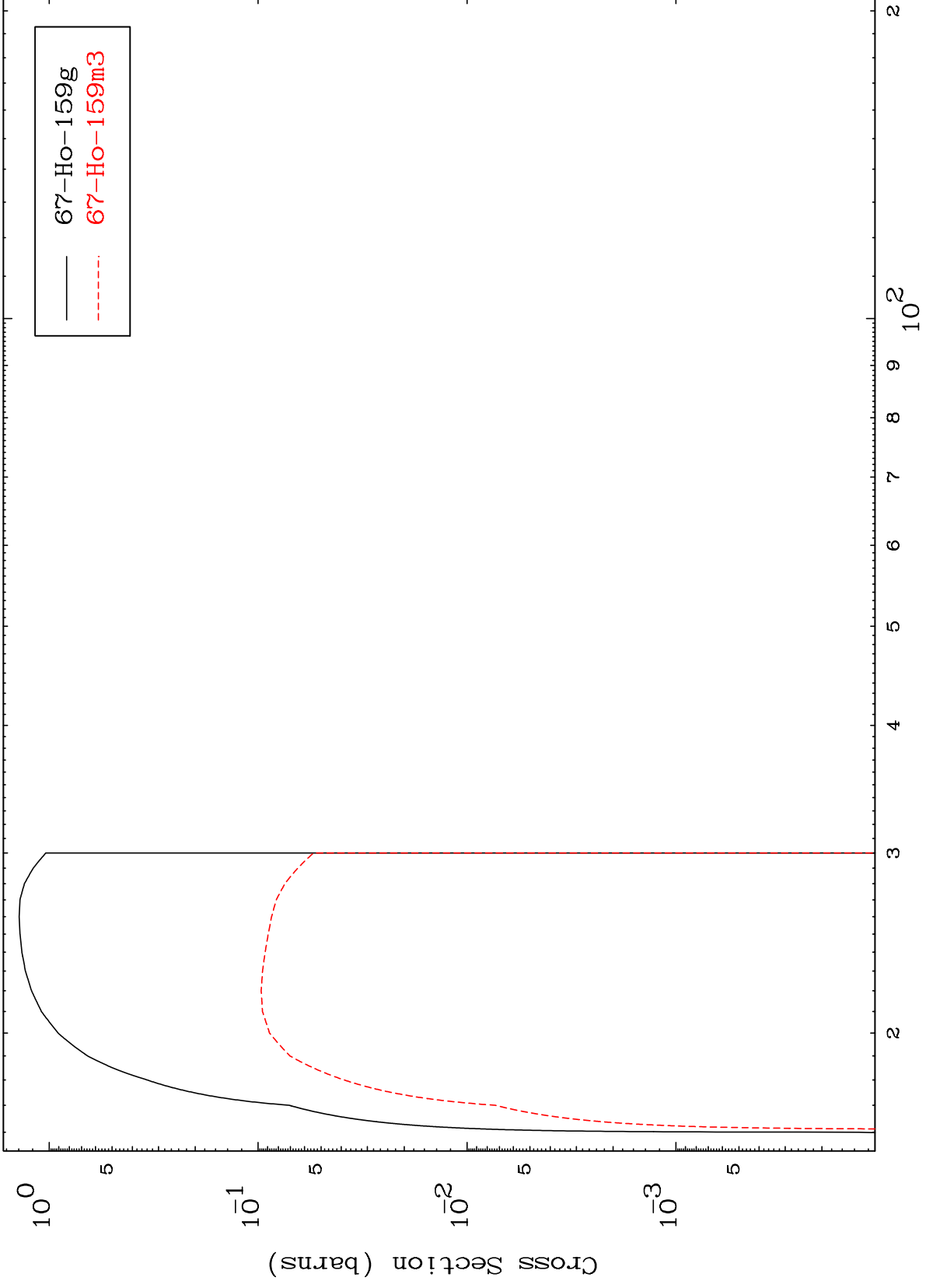
Incident Energy (MeV)

67-Ho-161

MAT 6714

67-Ho-161

(n,3n)
Radionuclide Production Cross Section



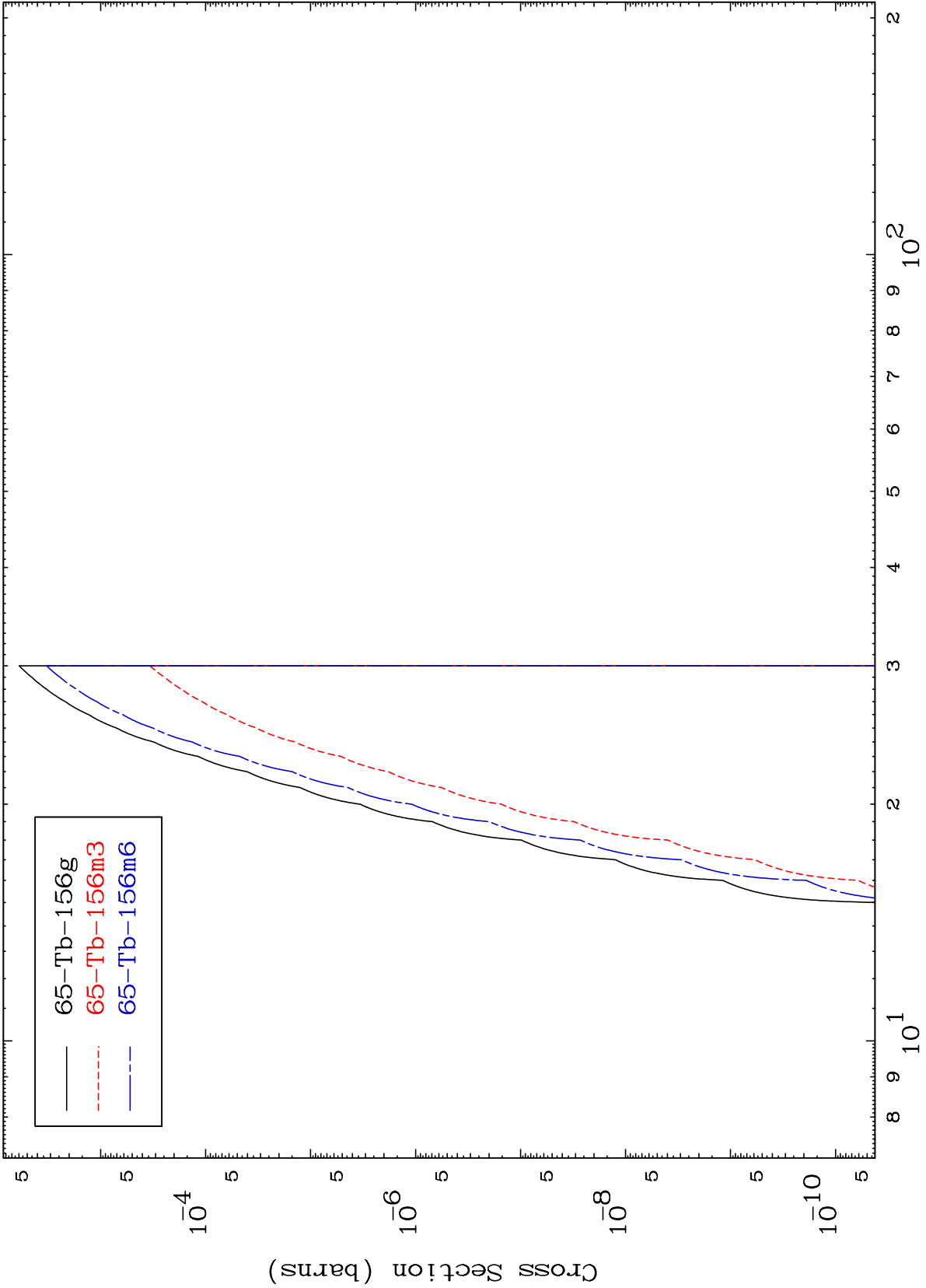
21

Incident Energy (MeV)

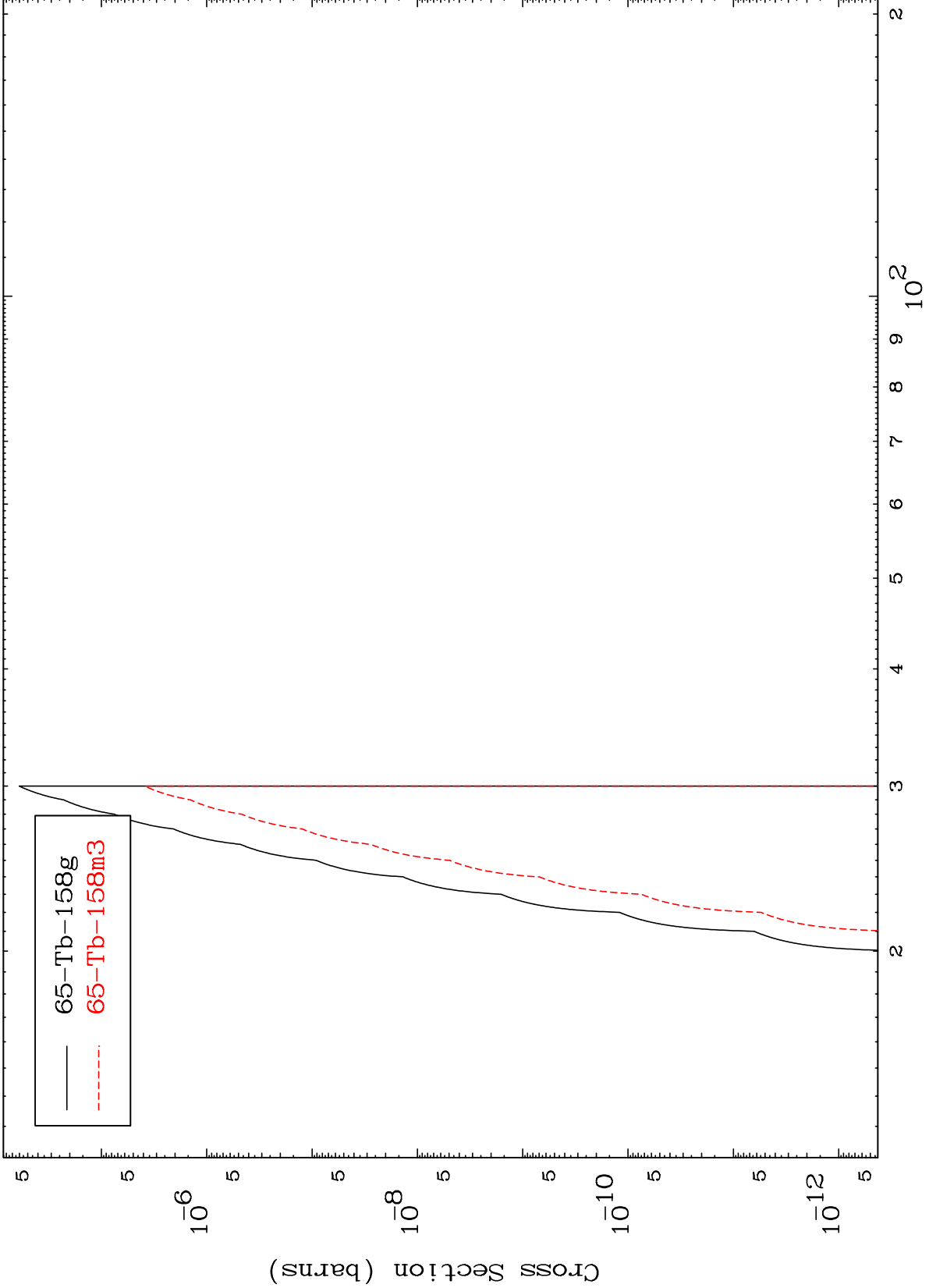
67-Ho-161

(n,2n) α

Radionuclide Production Cross Section



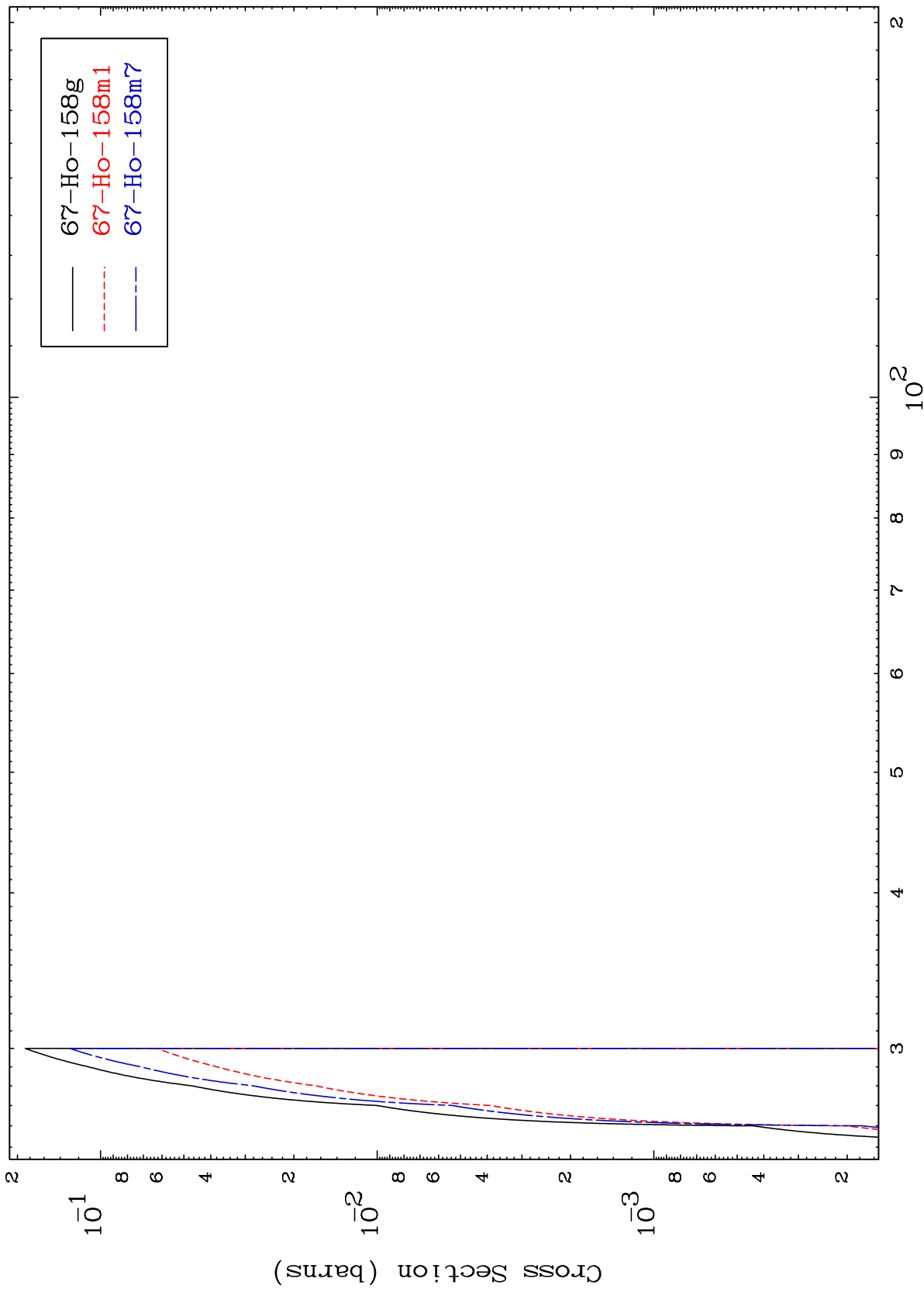
Radionuclide Production Cross Section



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67-Ho-161

(n,4n)
Radionuclide Production Cross Section



24

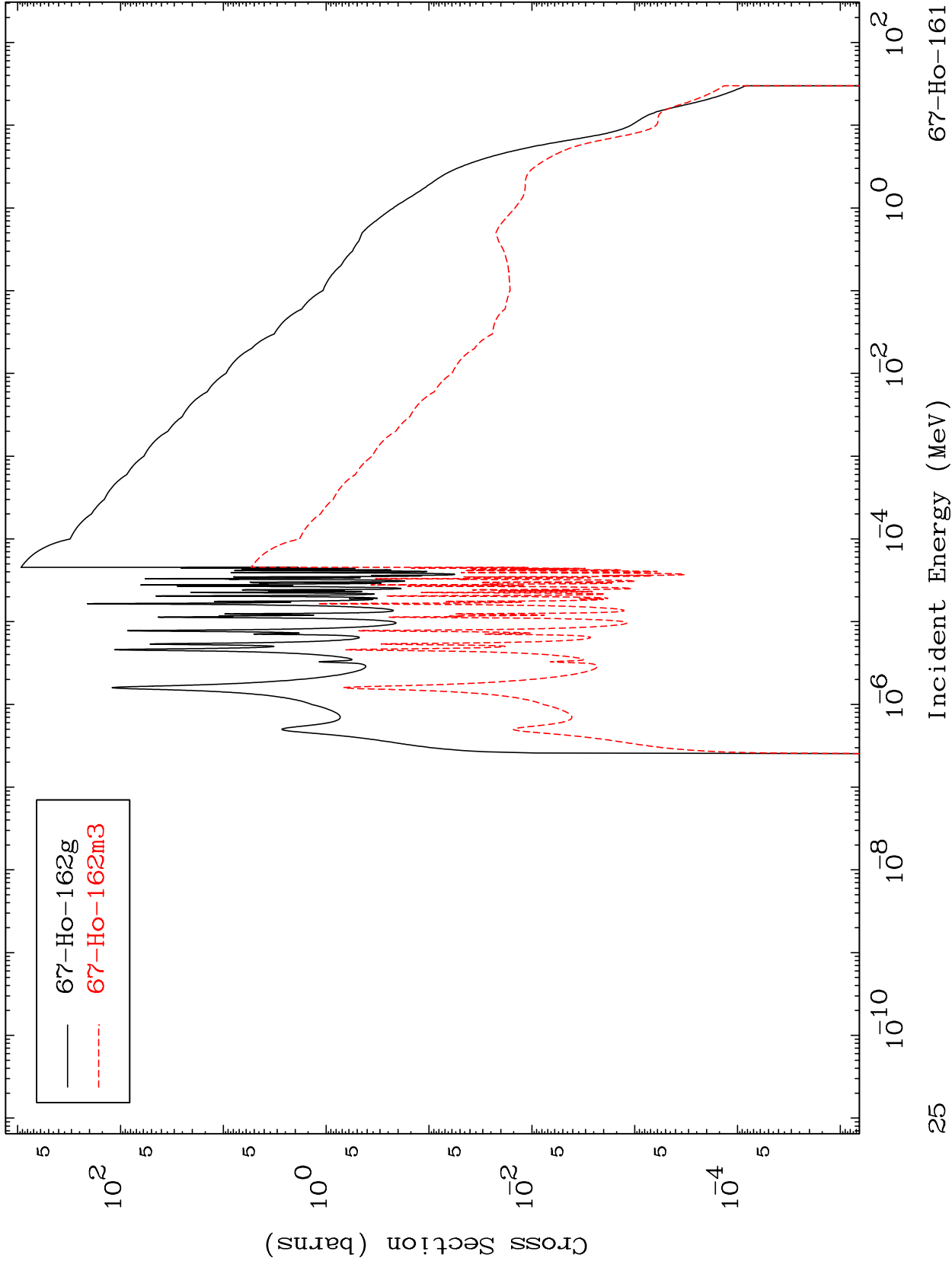
67-Ho-161

Incident Energy (MeV)

MAT 6714

67-Ho-161

Radionuclide Production Cross Section
(n, γ)



25

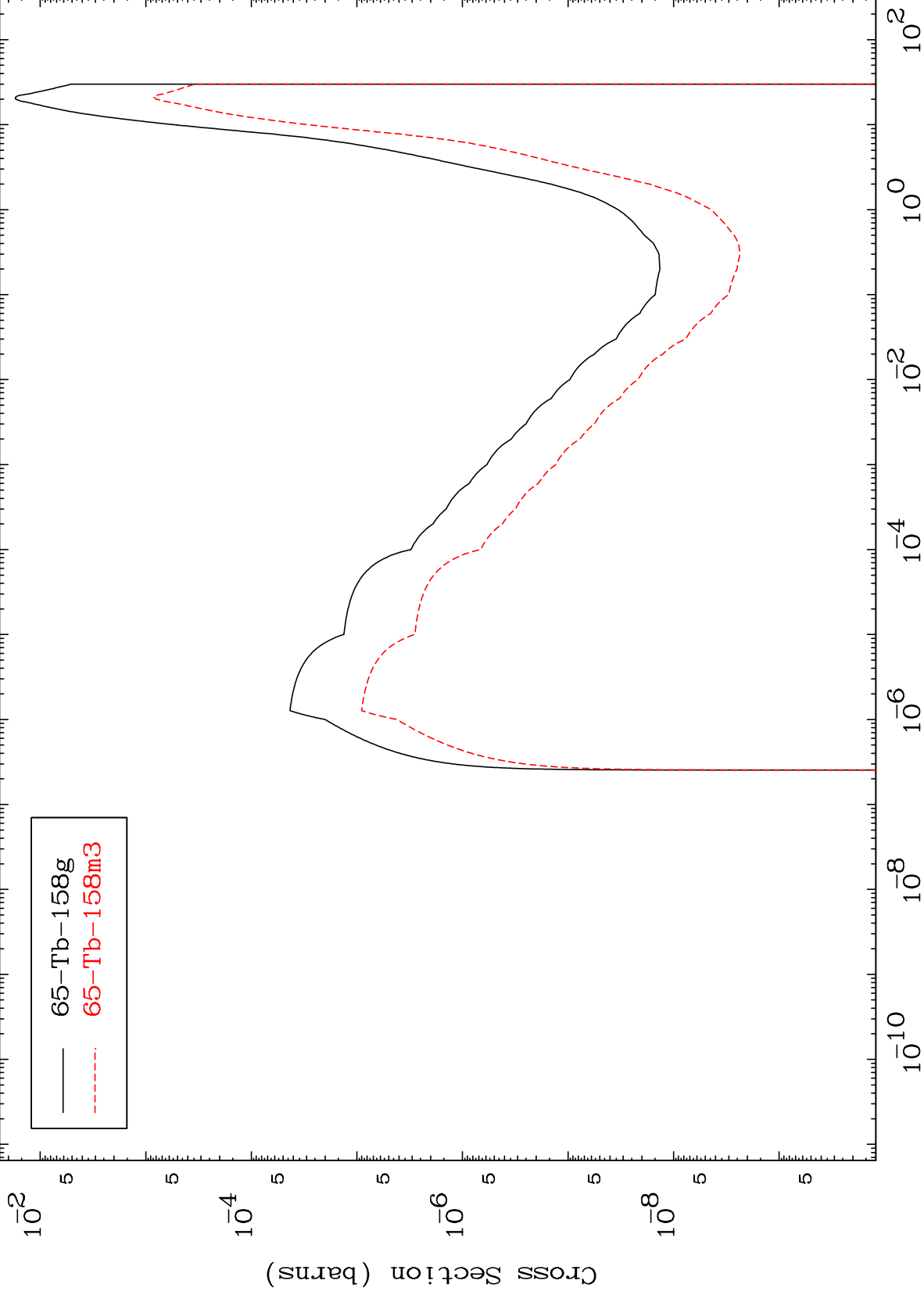
67-Ho-161

MAT 6714

(n, α)

67-Ho-161

Radionuclide Production Cross Section



26

Incident Energy (MeV)

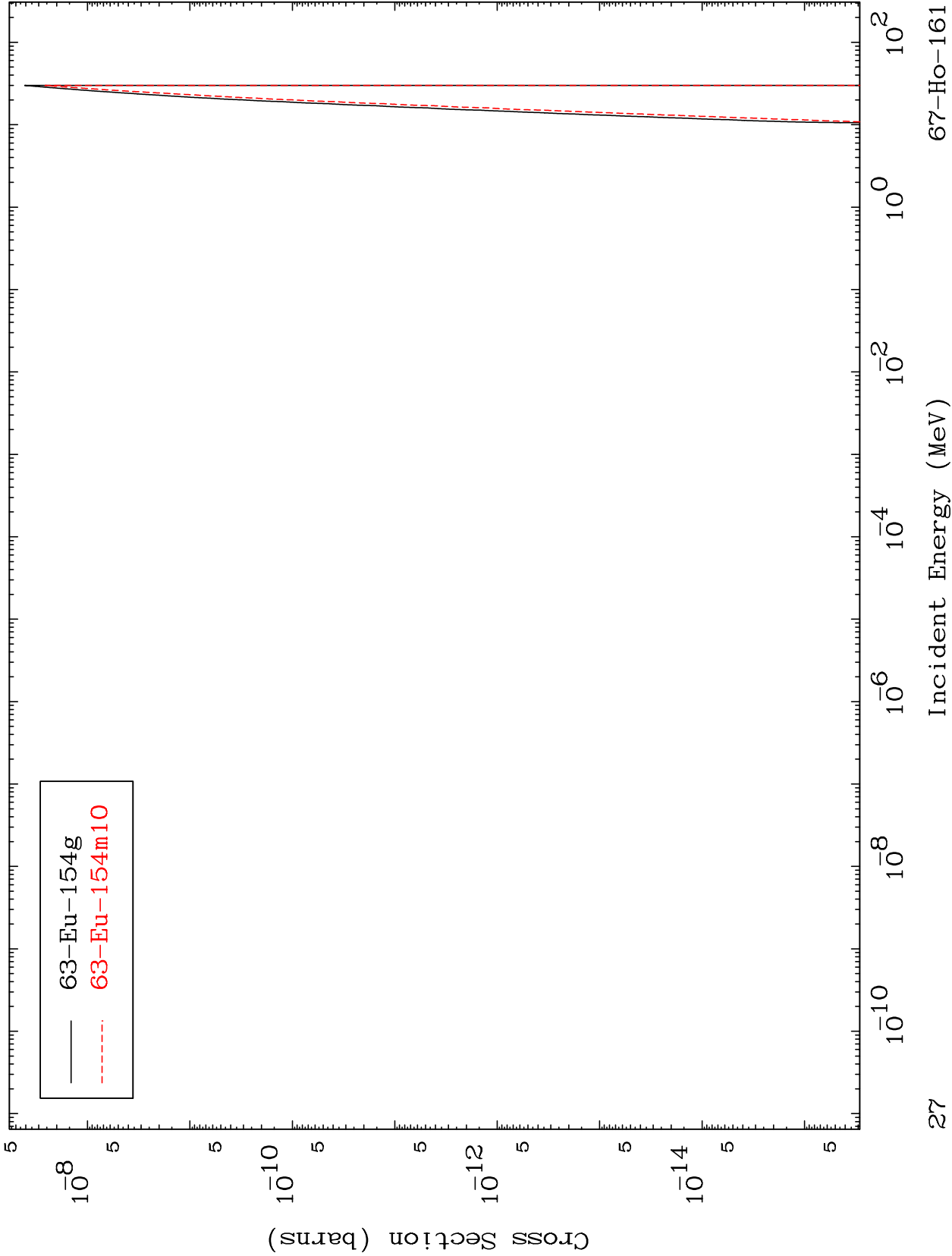
67-Ho-161

MAT 6714

(n,2α)

67-Ho-161

Radionuclide Production Cross Section



63-Eu-154g
63-Eu-154m10

Radionuclide Production Cross Section

