

Program EVALPLOT
(Version 2021-1)

by

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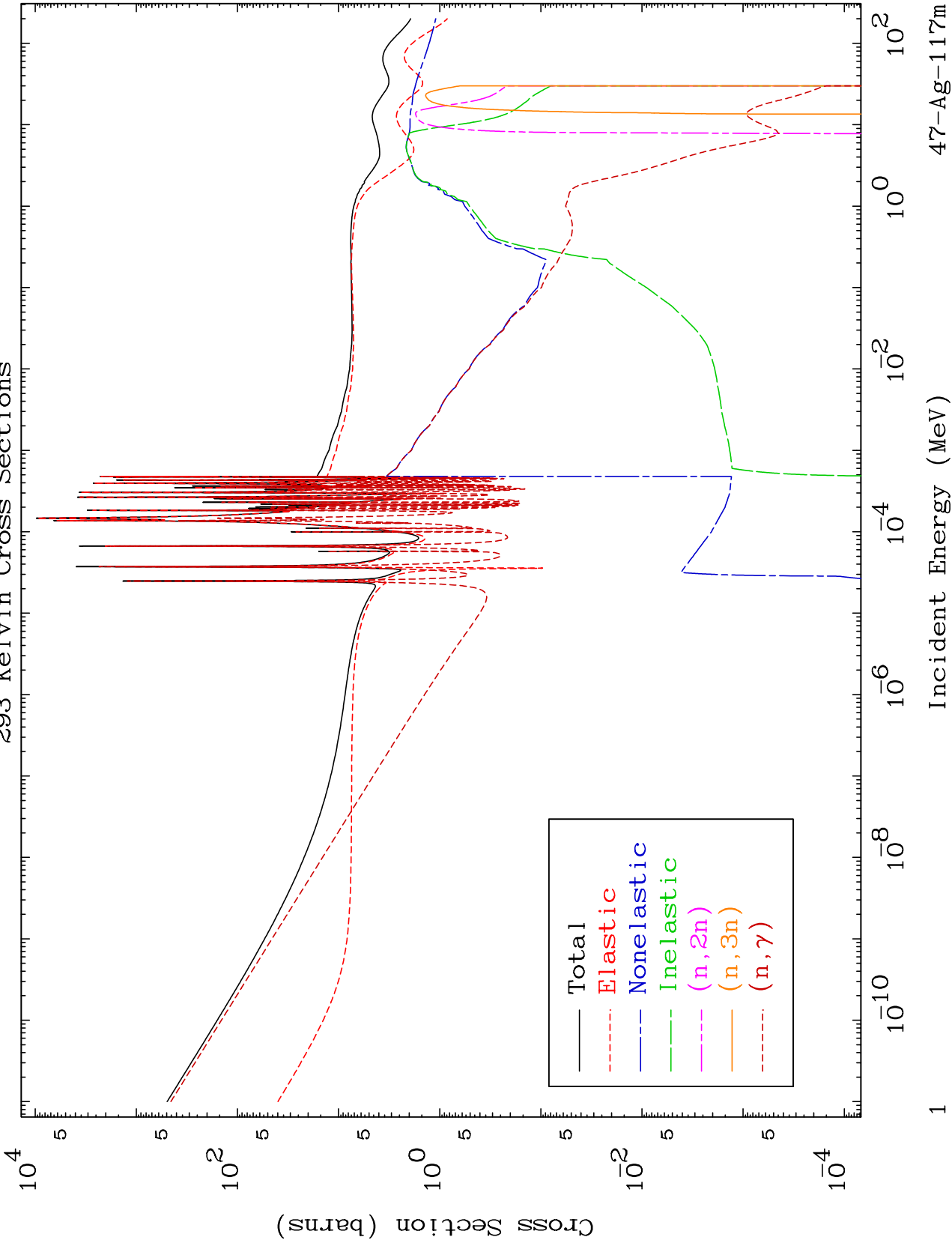
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4756

Neutron Major
293 Kelvin Cross Sections

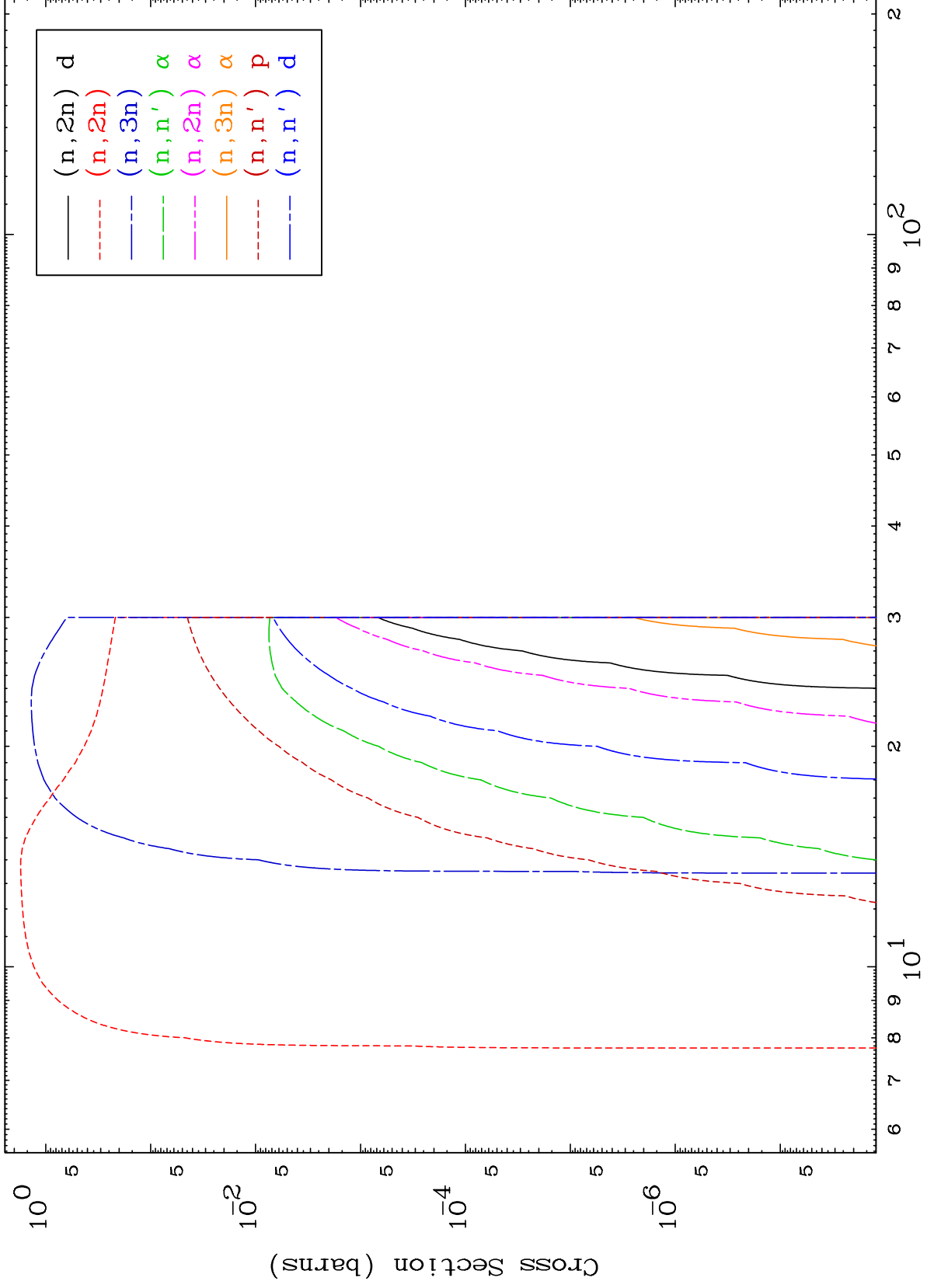
47-Ag-117m



MAT 4756

Neutron Absorption
293 Kelvin Cross Sections

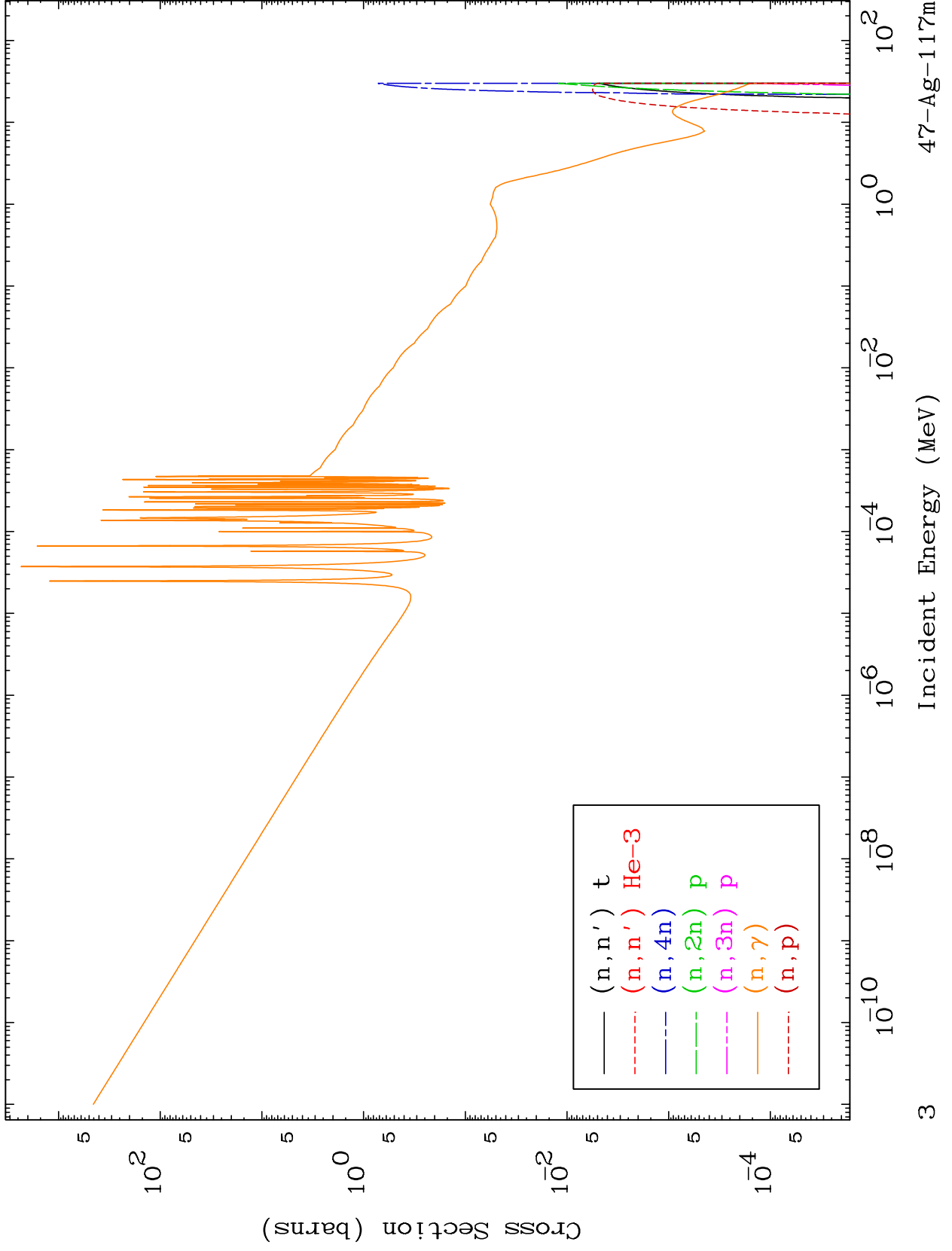
47-Ag-117m



MAT 4756

Neutron Absorption
293 Kelvin Cross Sections

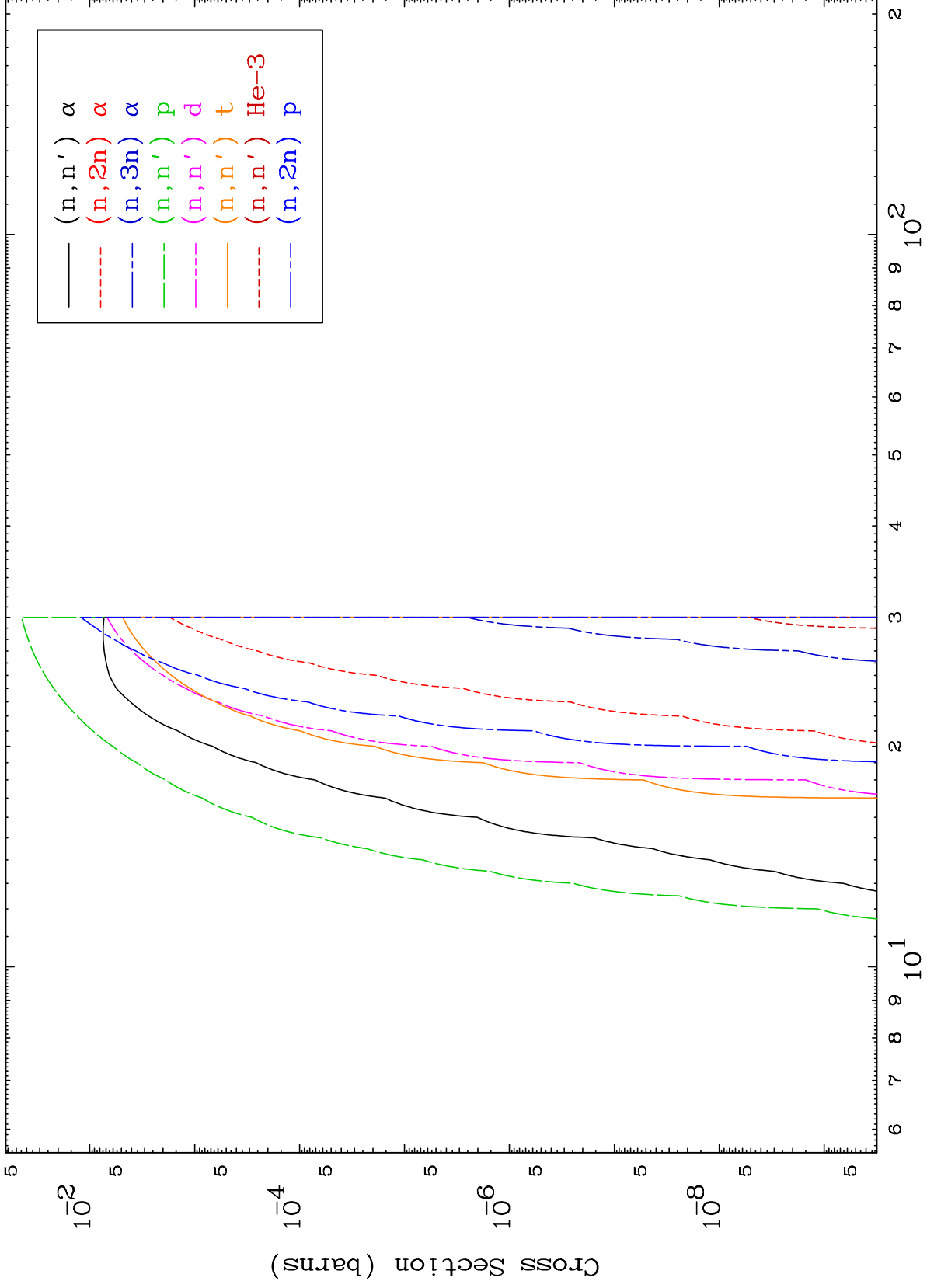
47-Ag-117m



MAT 4756

Charged Particle
293 Kelvin Cross Sections

47-Ag-117m



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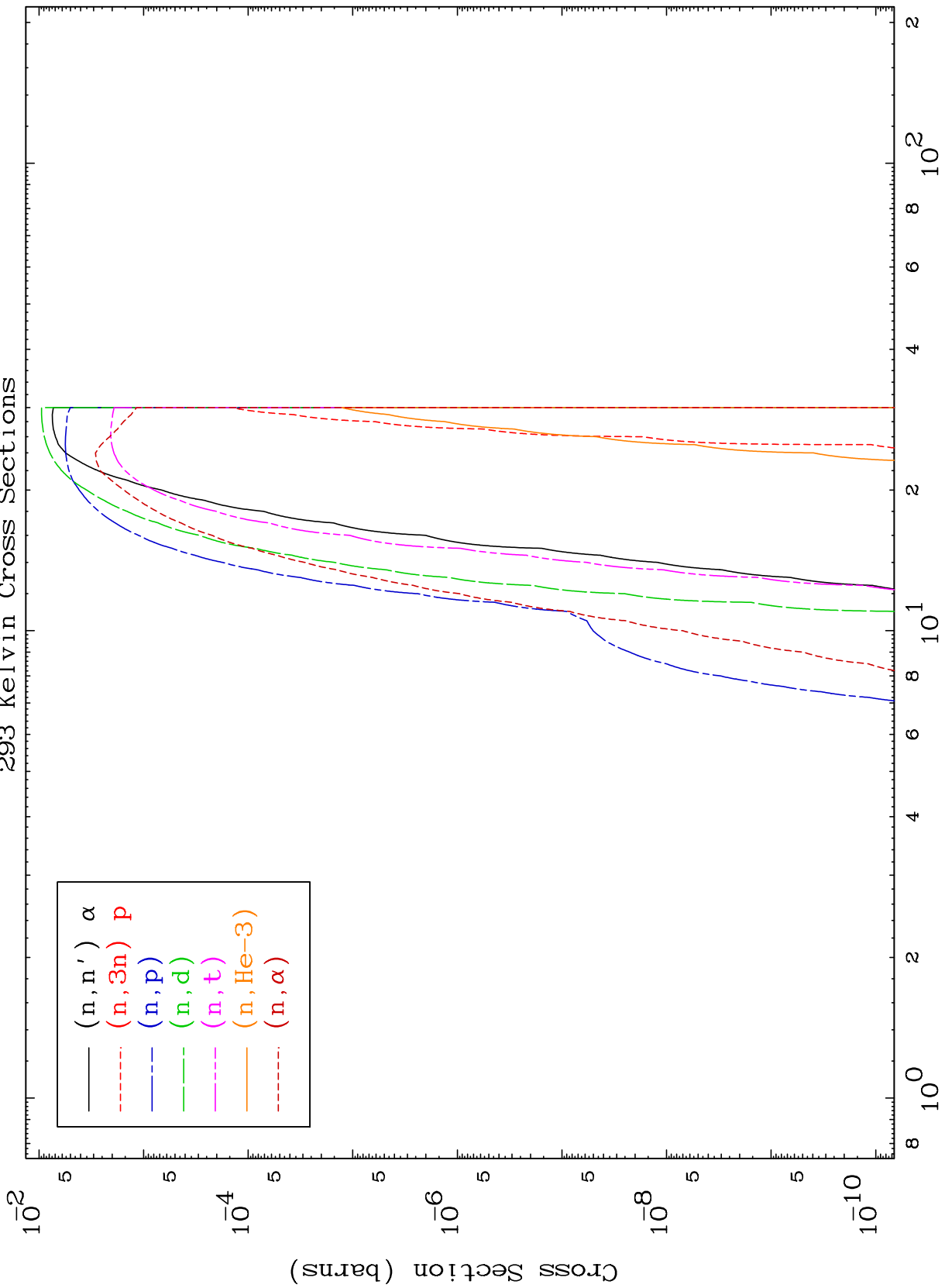
Incident Energy (MeV)

47-Ag-117m

MAT 4756

Charged Particle
293 Kelvin Cross Sections

47-Ag-117m



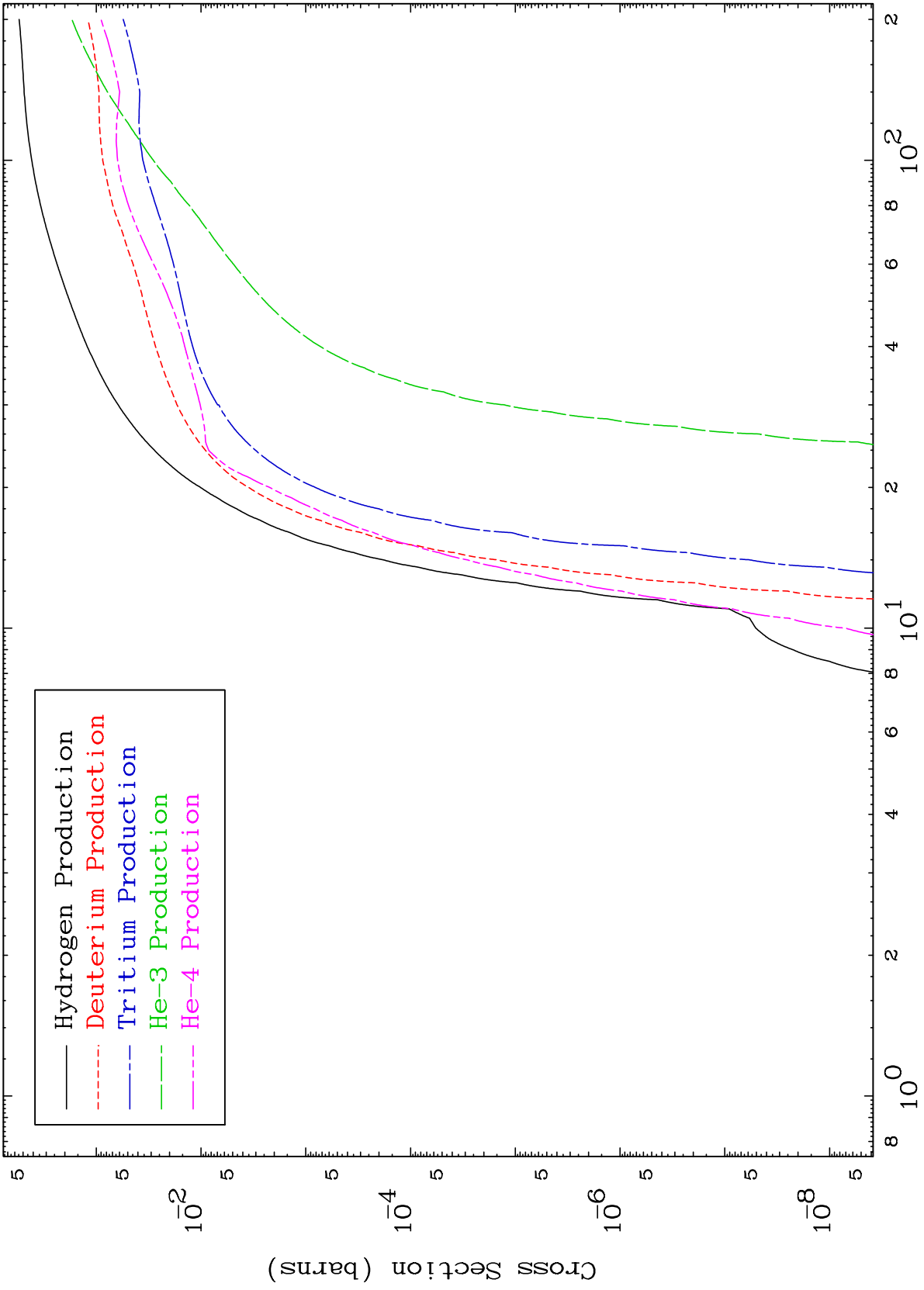
Incident Energy (MeV)

47-Ag-117m

MAT 4756

Particle Production
293 Kelvin Cross Sections

47-Ag-117m



47-Ag-117m

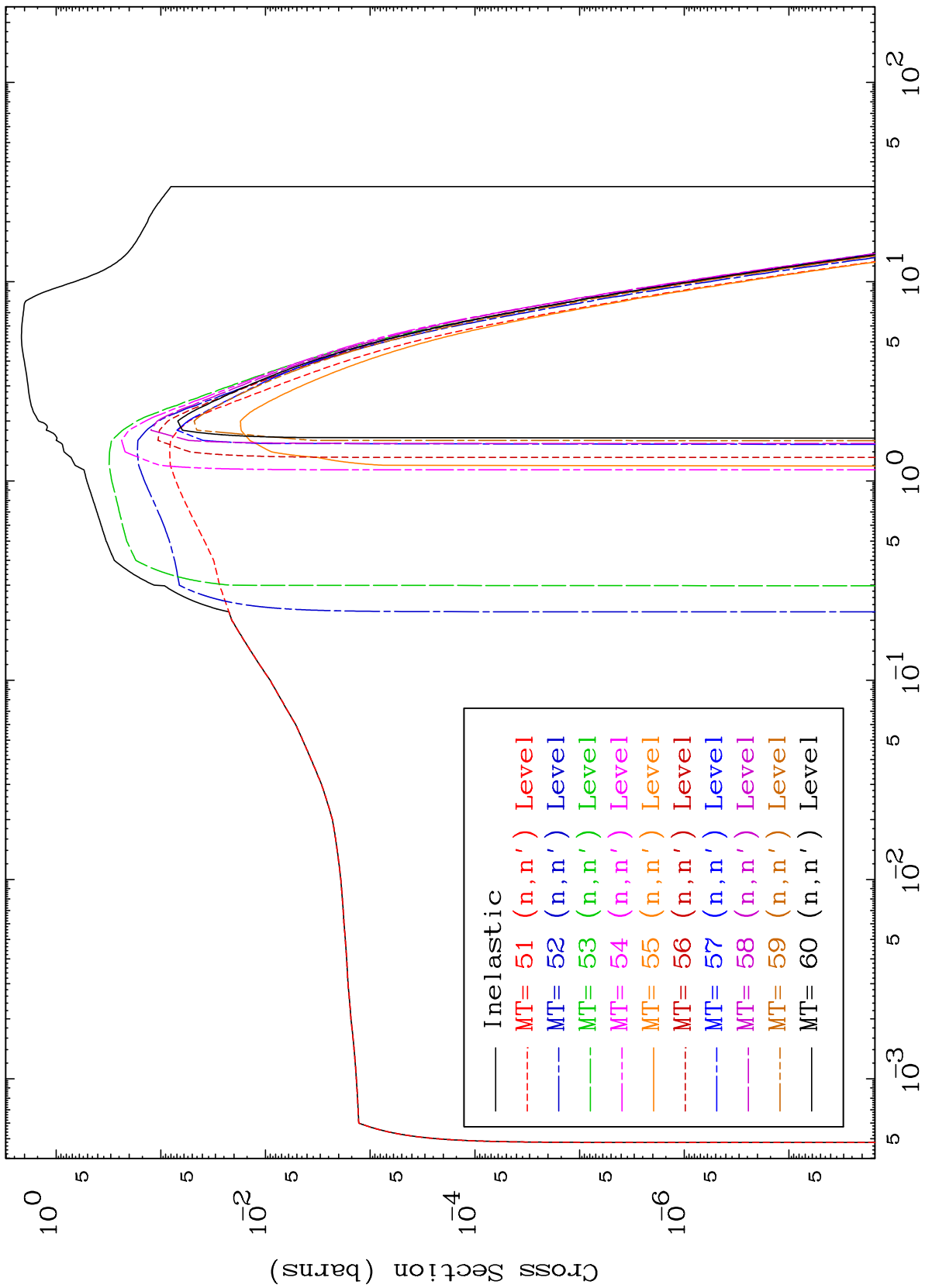
Incident Energy (MeV)

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MAT 4756

(n,n') Levels
293 Kelvin Cross Sections

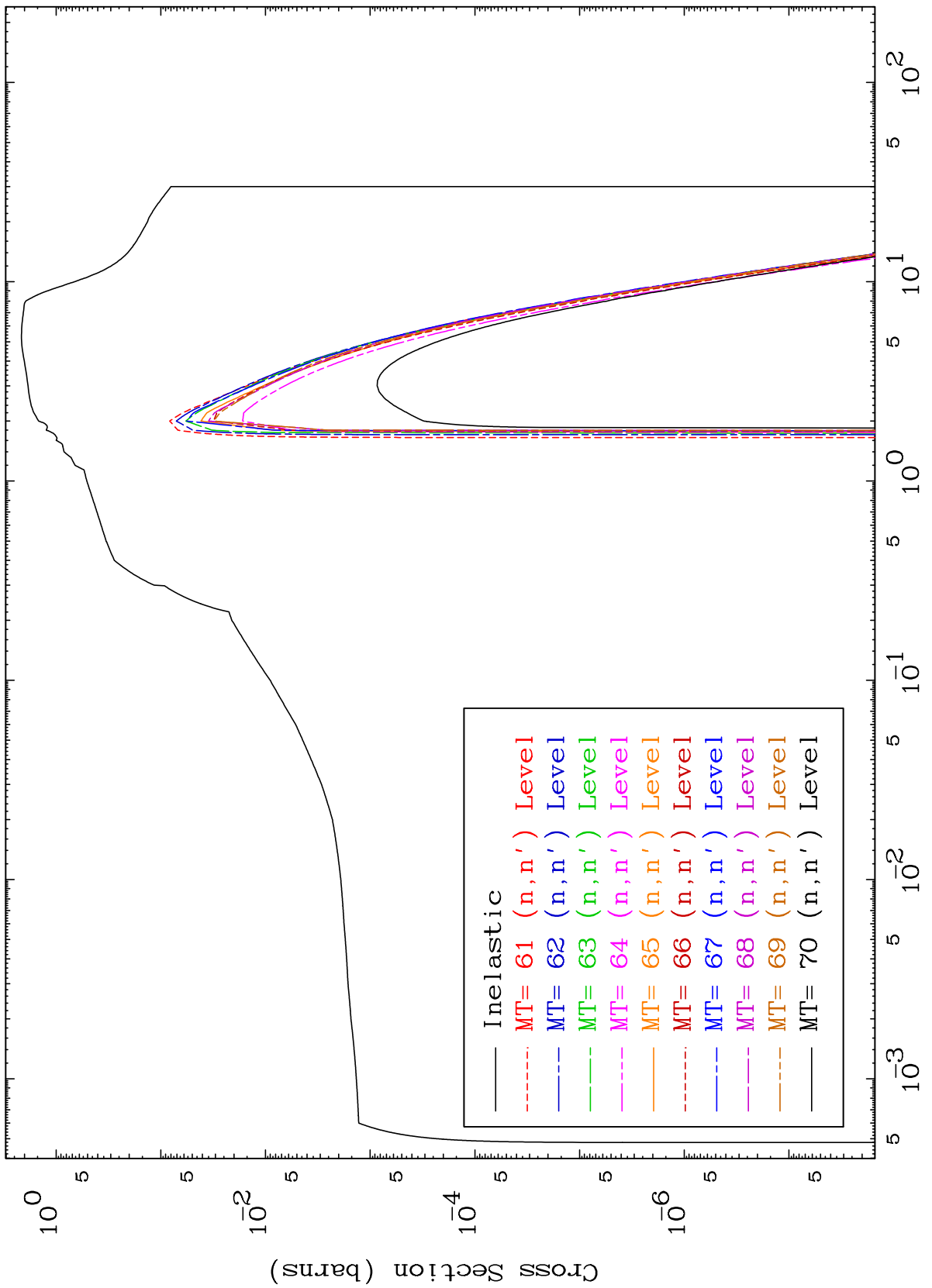
47-Ag-117m



MAT 4756

(n,n') Levels
293 Kelvin Cross Sections

47-Ag-117m

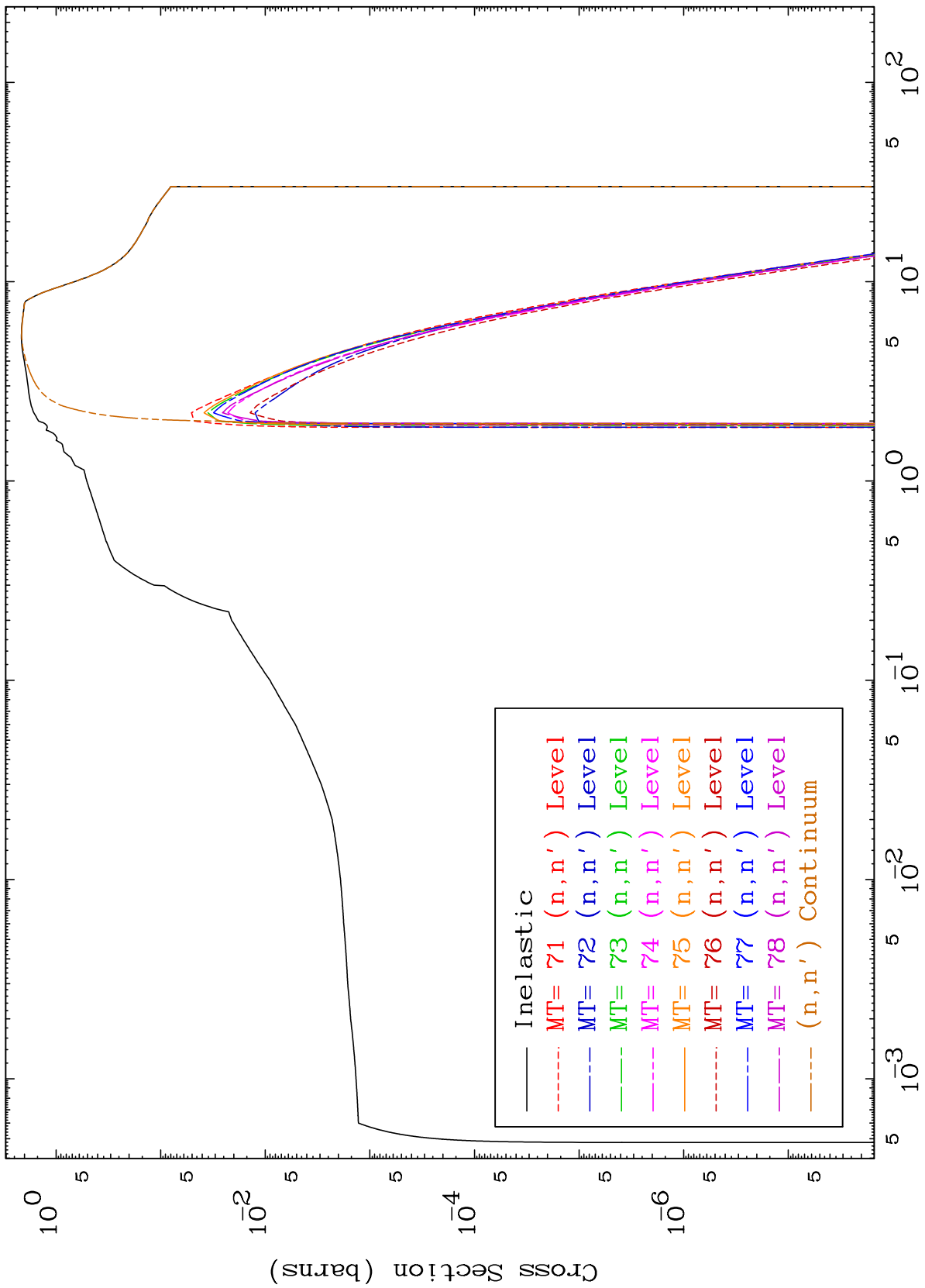


- Inelastic
- - - 61 (n,n') Level
- . - 62 (n,n') Level
- - - 63 (n,n') Level
- . - 64 (n,n') Level
- - - 65 (n,n') Level
- . - 66 (n,n') Level
- - - 67 (n,n') Level
- . - 68 (n,n') Level
- - - 69 (n,n') Level
- - - 70 (n,n') Level

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(n,n') Levels
293 Kelvin Cross Sections

47-Ag-117m



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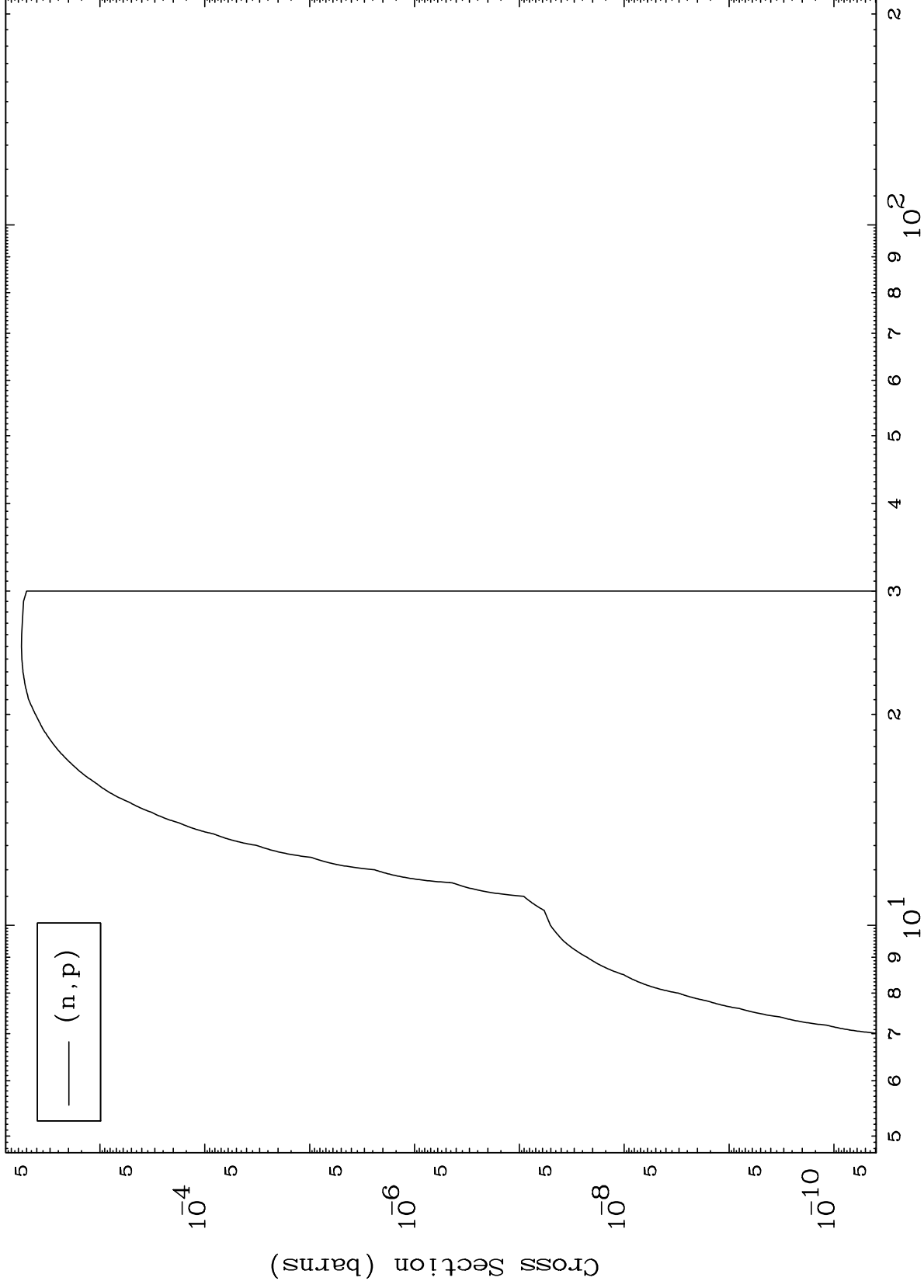
Incident Energy (MeV)

47-Ag-117m

MAT 4756

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-117m



11

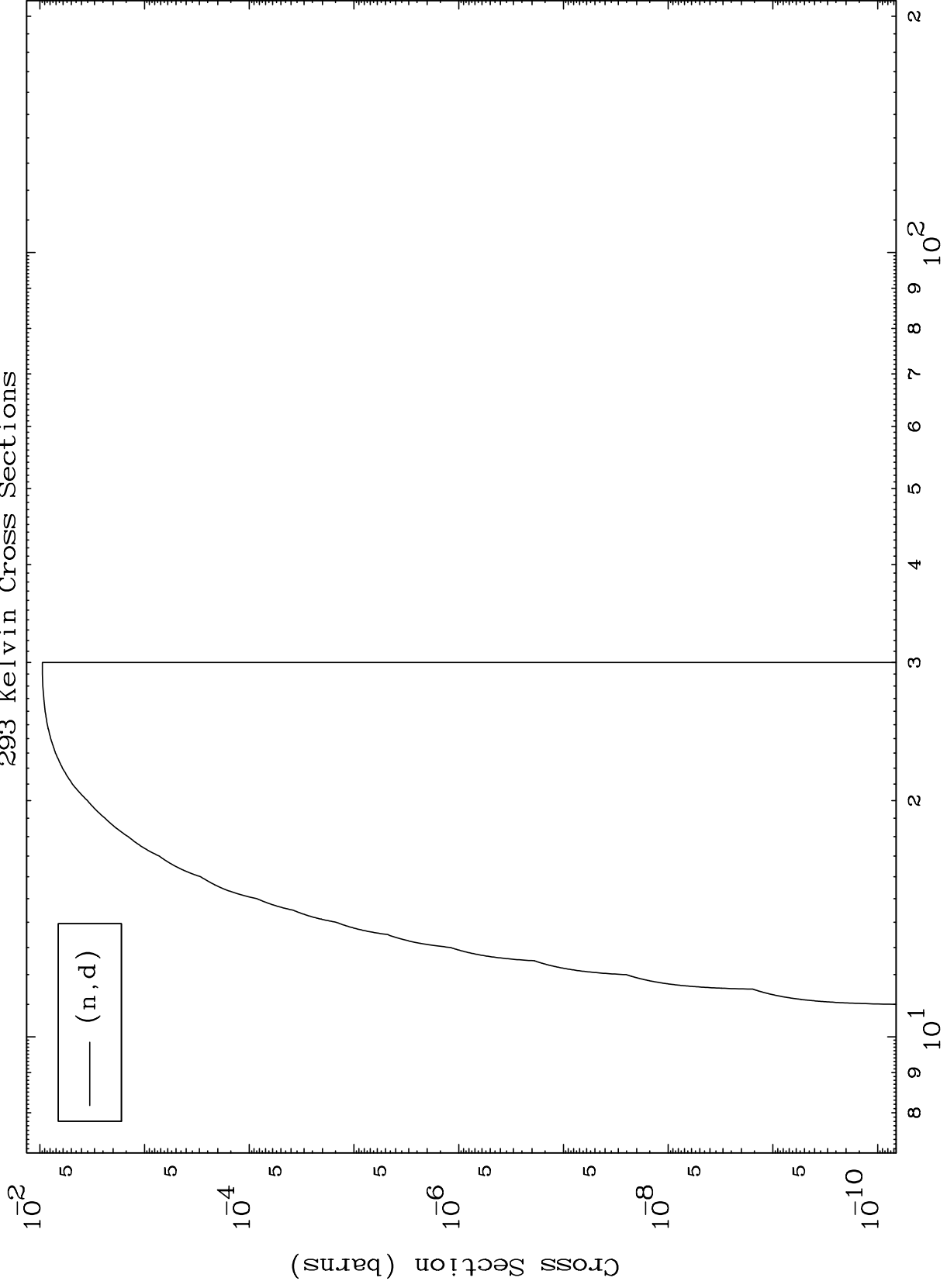
Incident Energy (MeV)

47-Ag-117m

MAT 4756

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-117m



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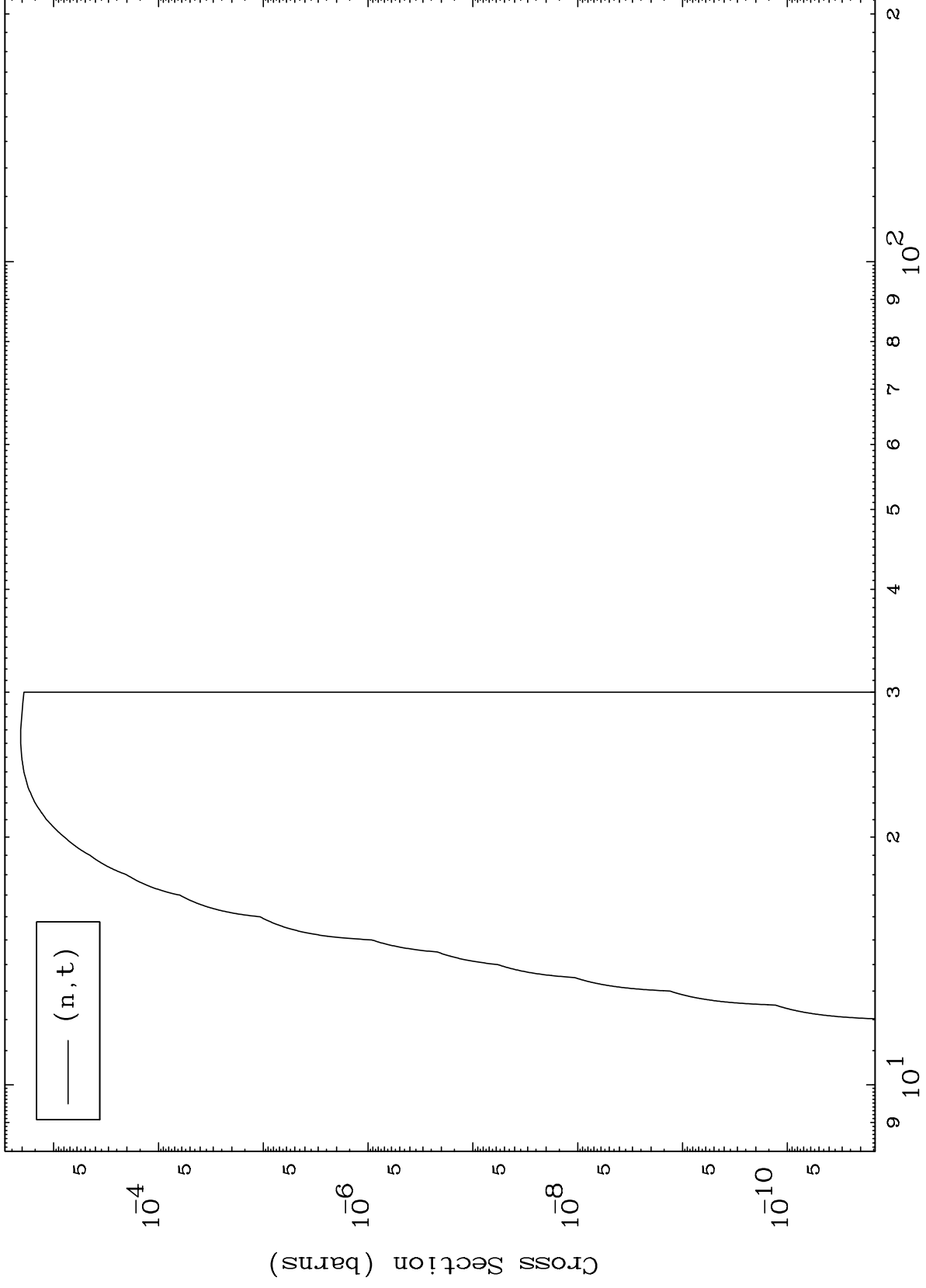
Incident Energy (MeV)

47-Ag-117m

MAT 4756

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-117m



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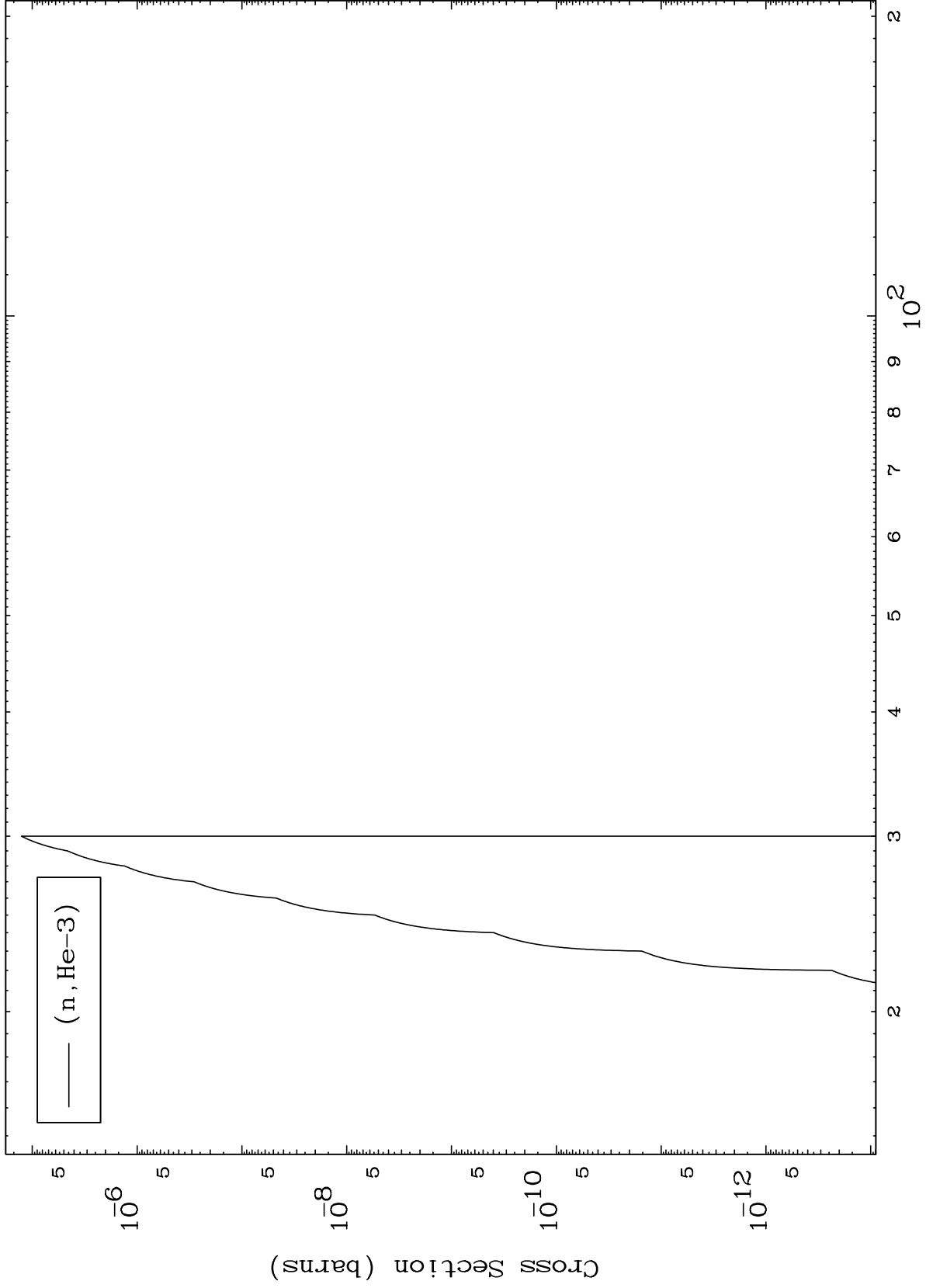
Incident Energy (MeV)

47-Ag-117m

MAT 4756

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-117m



14

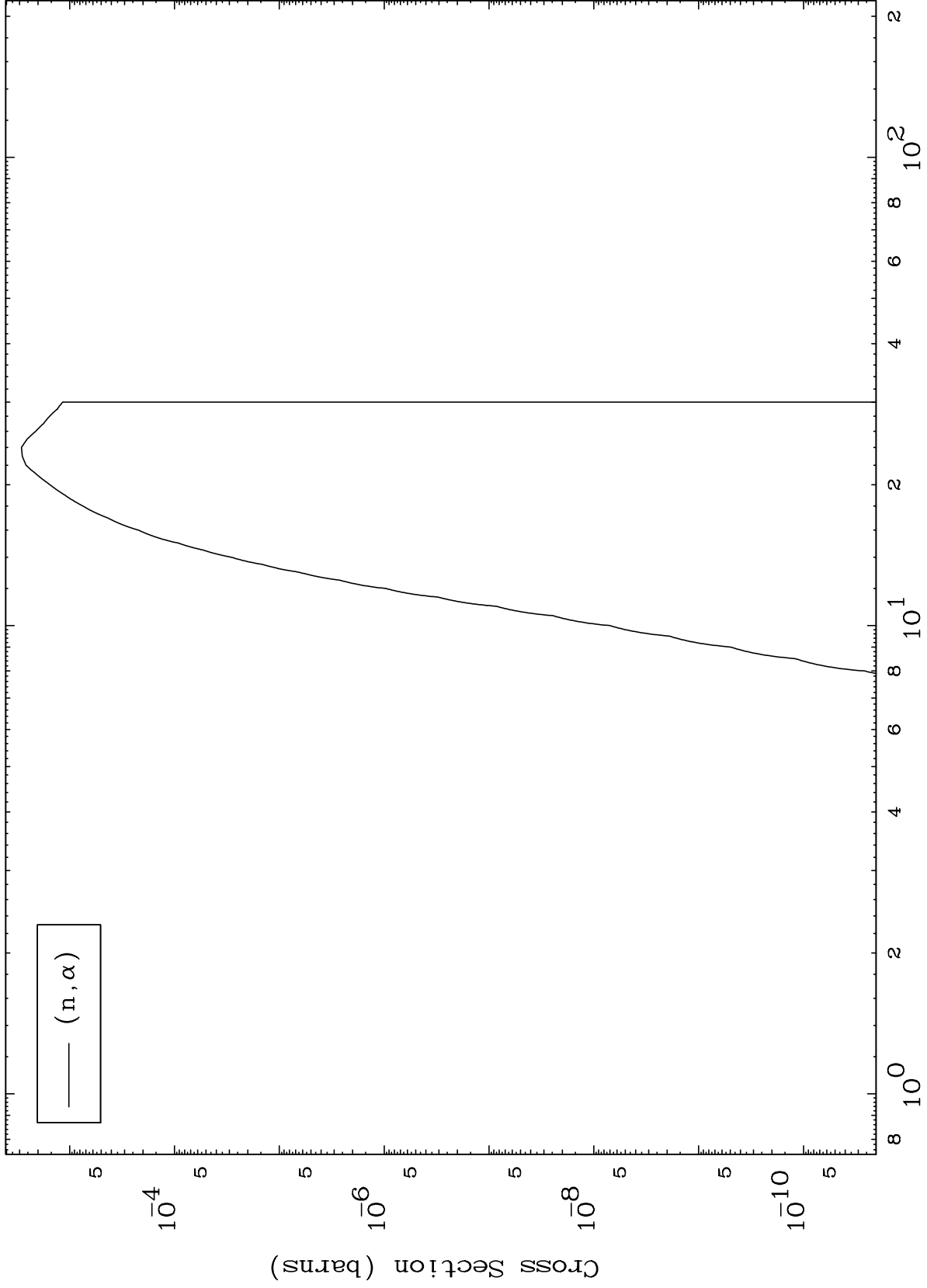
Incident Energy (MeV)

47-Ag-117m

MAT 4756

(n,α) Levels
293 Kelvin Cross Sections

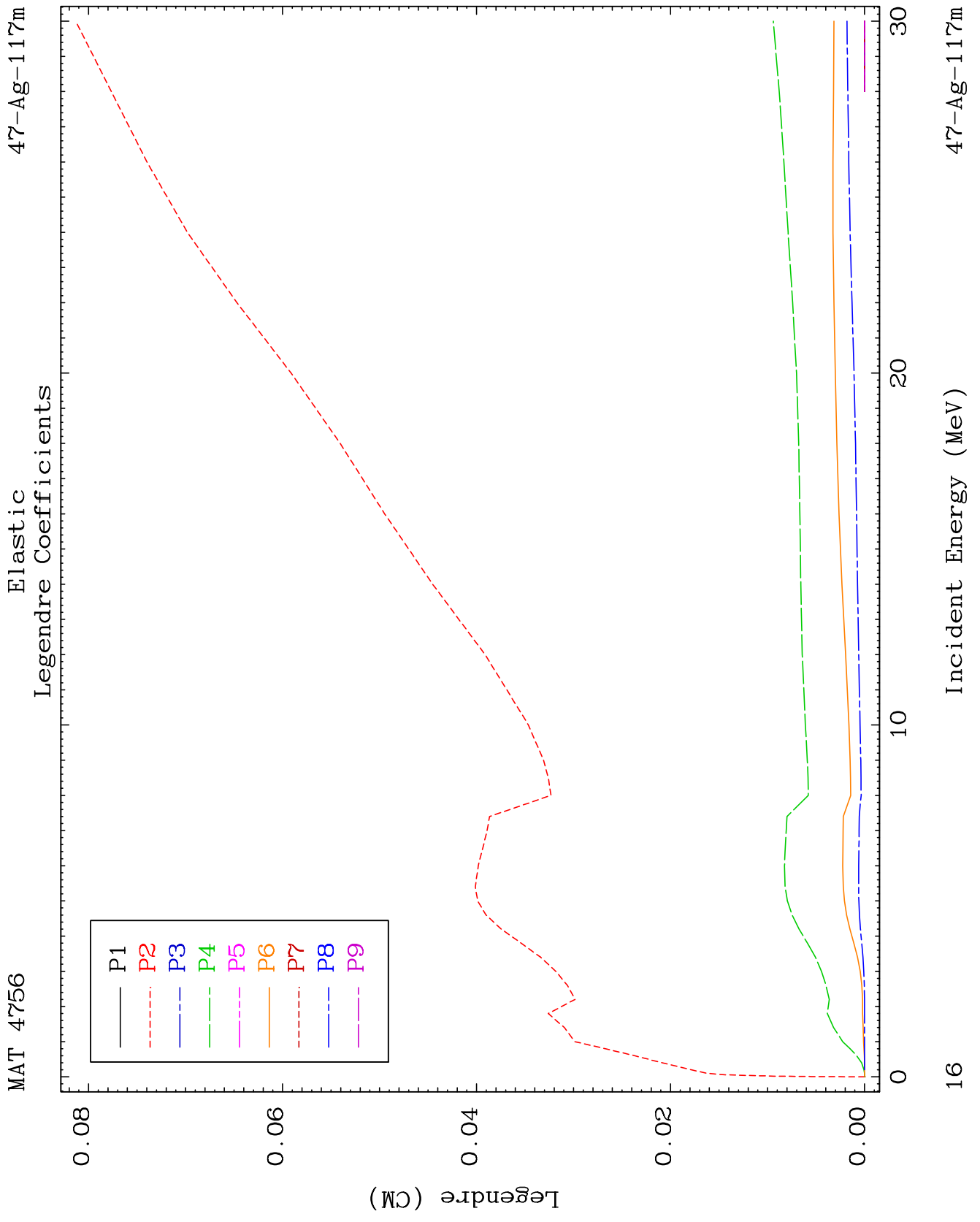
47-Ag-117m



15

Incident Energy (MeV)

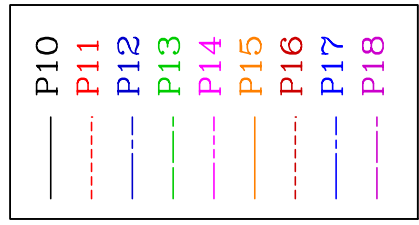
47-Ag-117m



MAT 4756

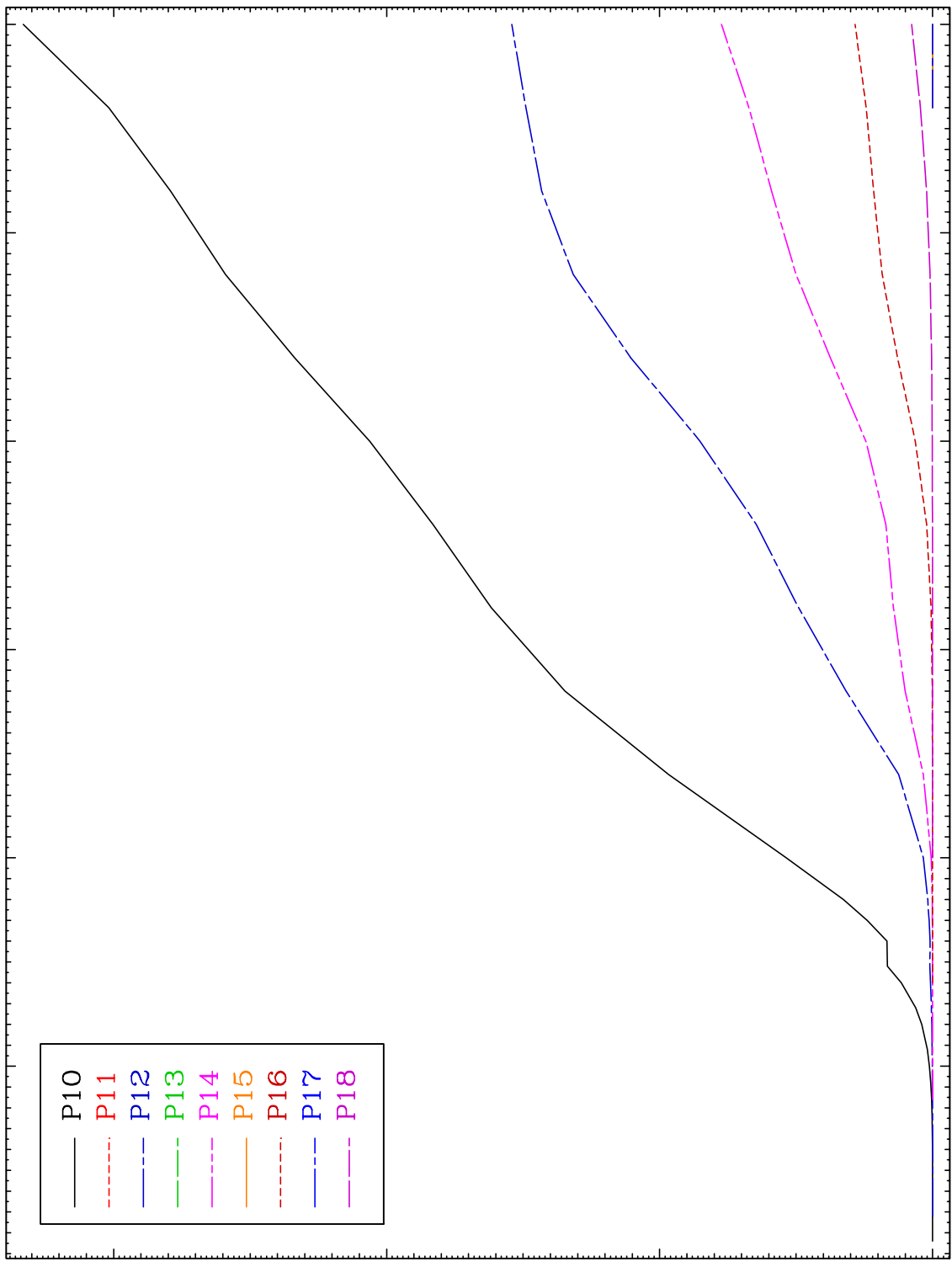
Elastic Legendre Coefficients

47-Ag-117m



$\times 10^{-4}$

Legendre (CM)



17

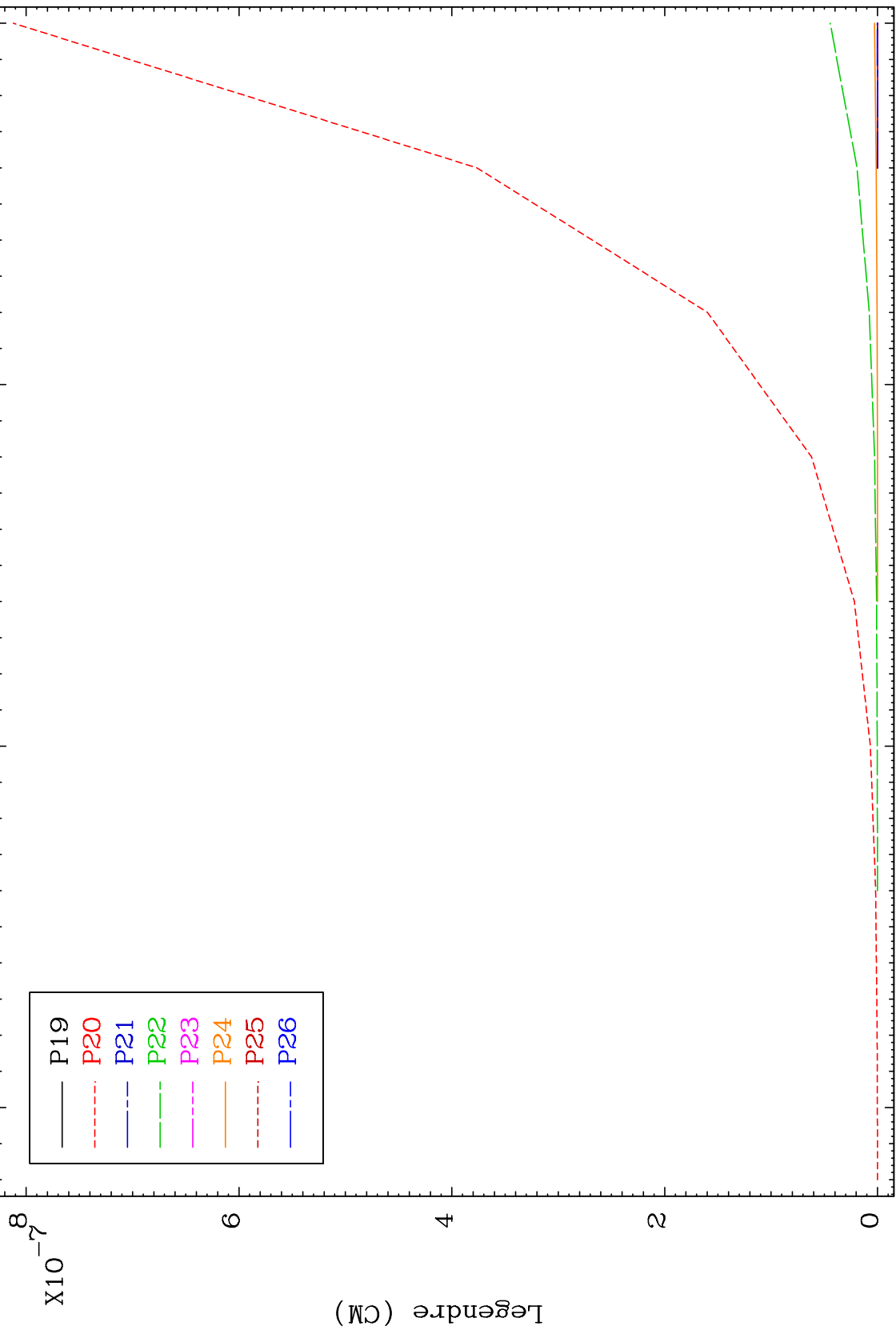
Incident Energy (MeV)

47-Ag-117m

MAT 4756

Elastic Legendre Coefficients

47-Ag-117m



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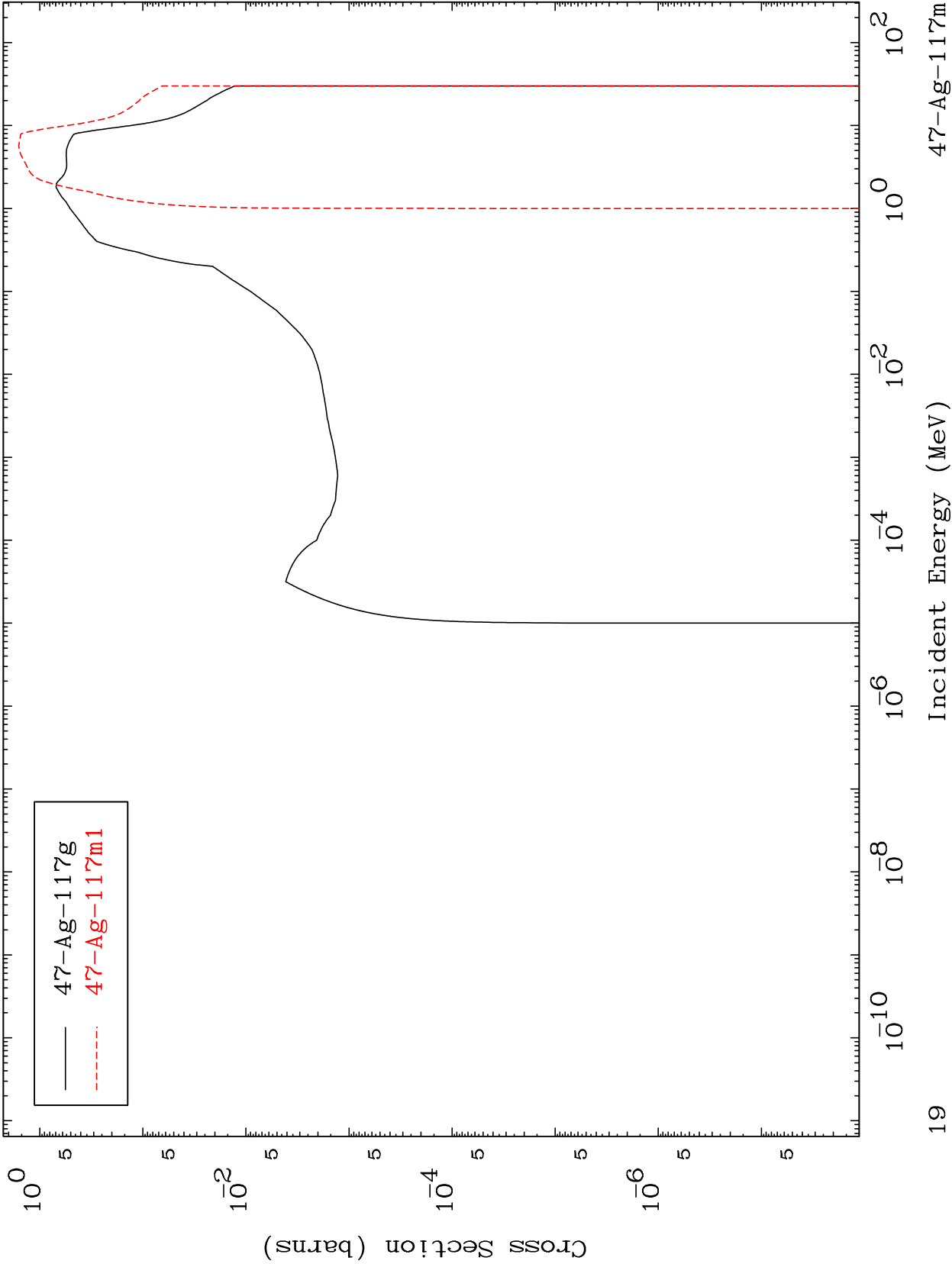
Incident Energy (MeV)

47-Ag-117m

MAT 4756

Inelastic
Radionuclide Production Cross Section

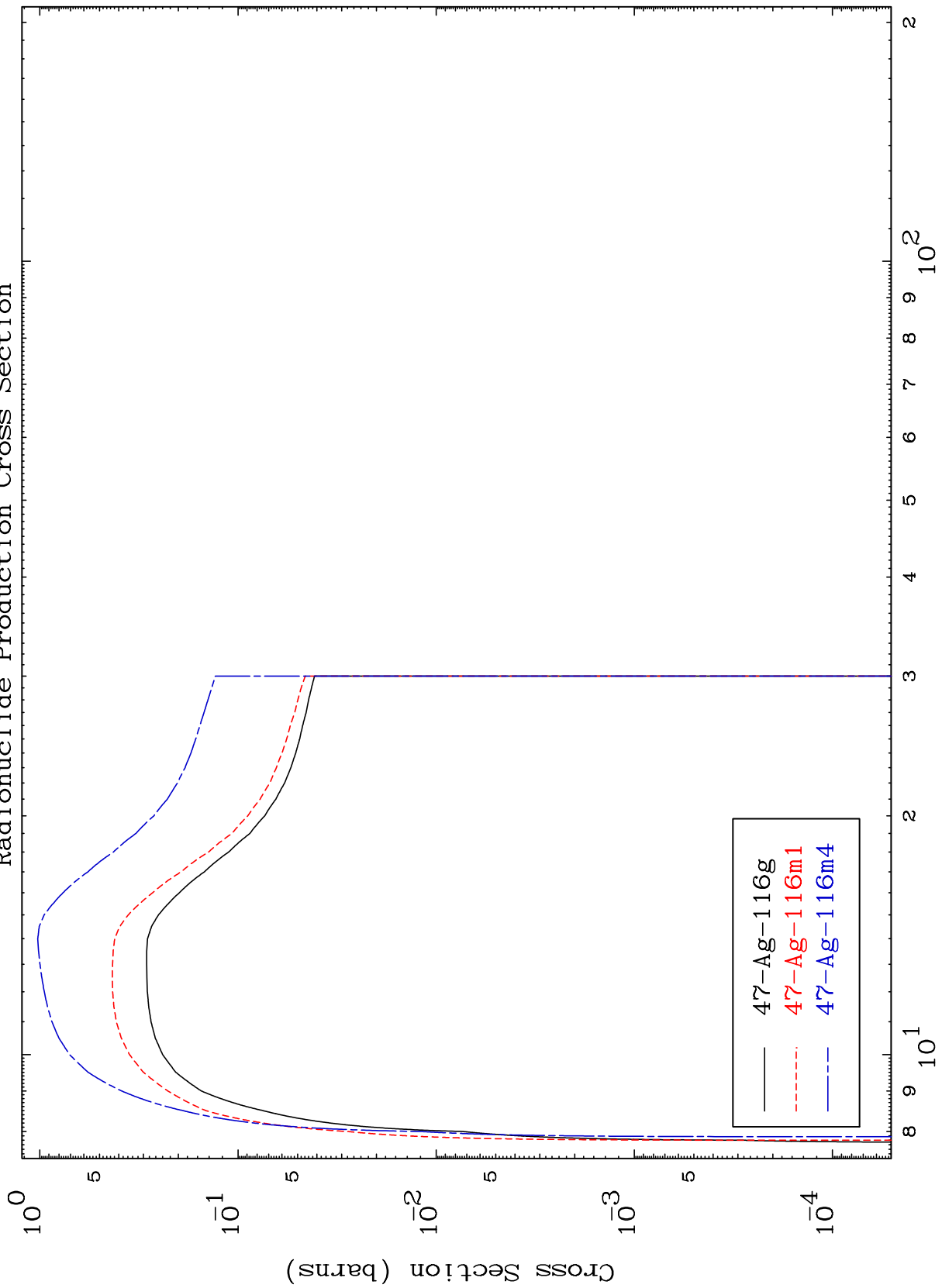
47-Ag-117m



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47-Ag-117m

Radionuclide Production Cross Section
(n,2n)



47-Ag-117m

Incident Energy (MeV)

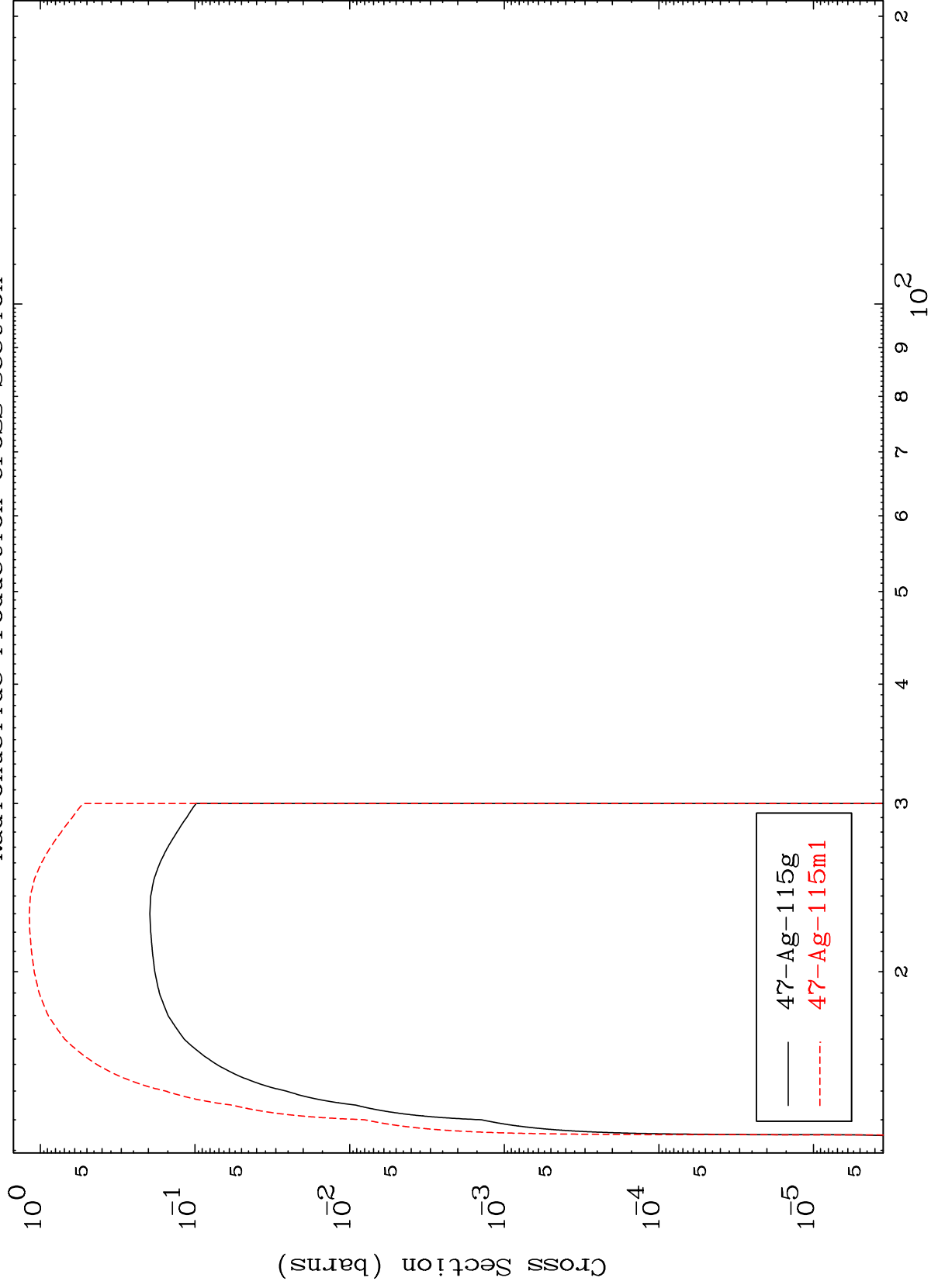
20

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(n,3n)

47-Ag-117m

Radionuclide Production Cross Section

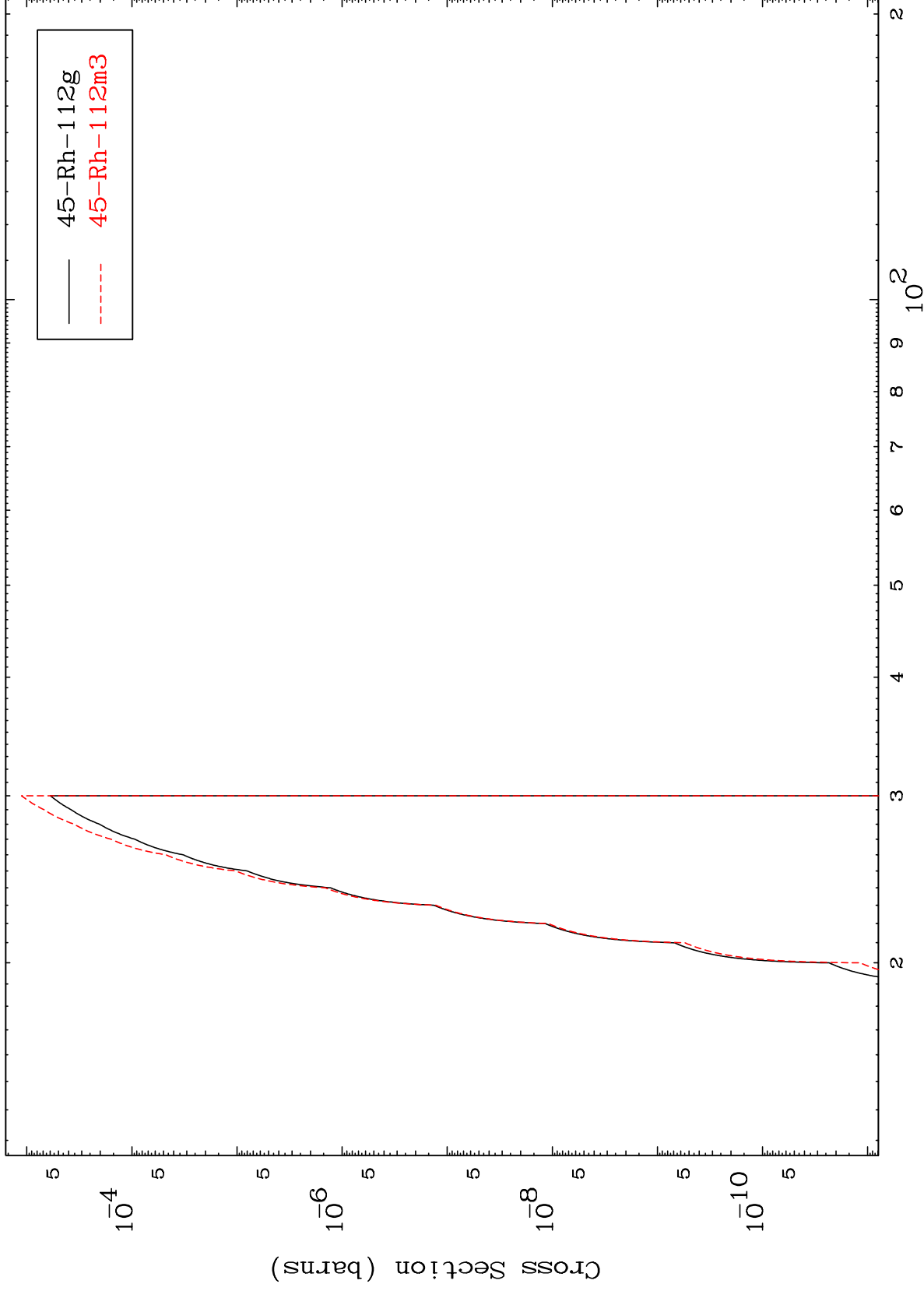


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(n,2n) α

47-Ag-117m

Radionuclide Production Cross Section

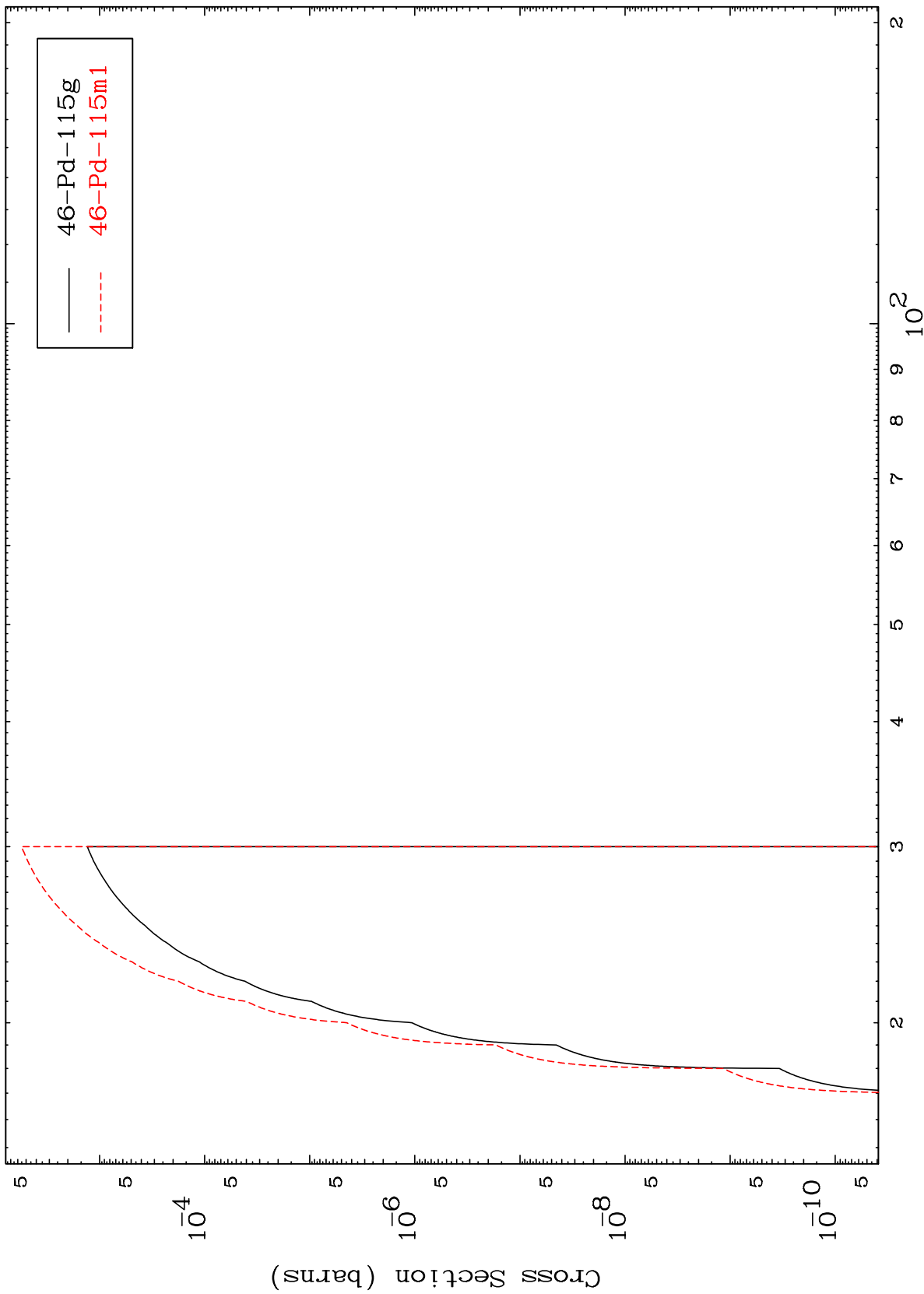


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(n,n') d

47-Ag-117m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

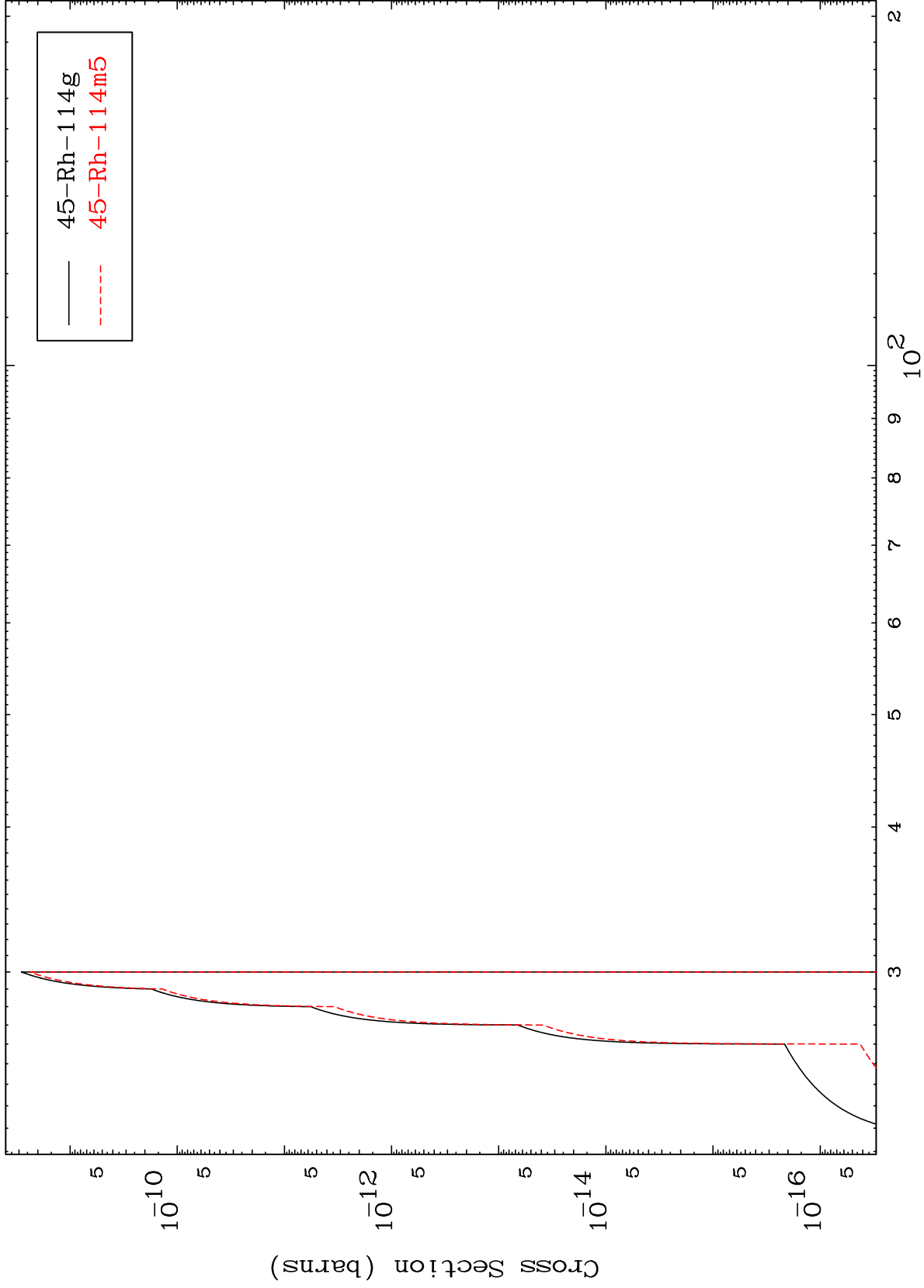
47-Ag-117m

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(n,n') He-3

47-Ag-117m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

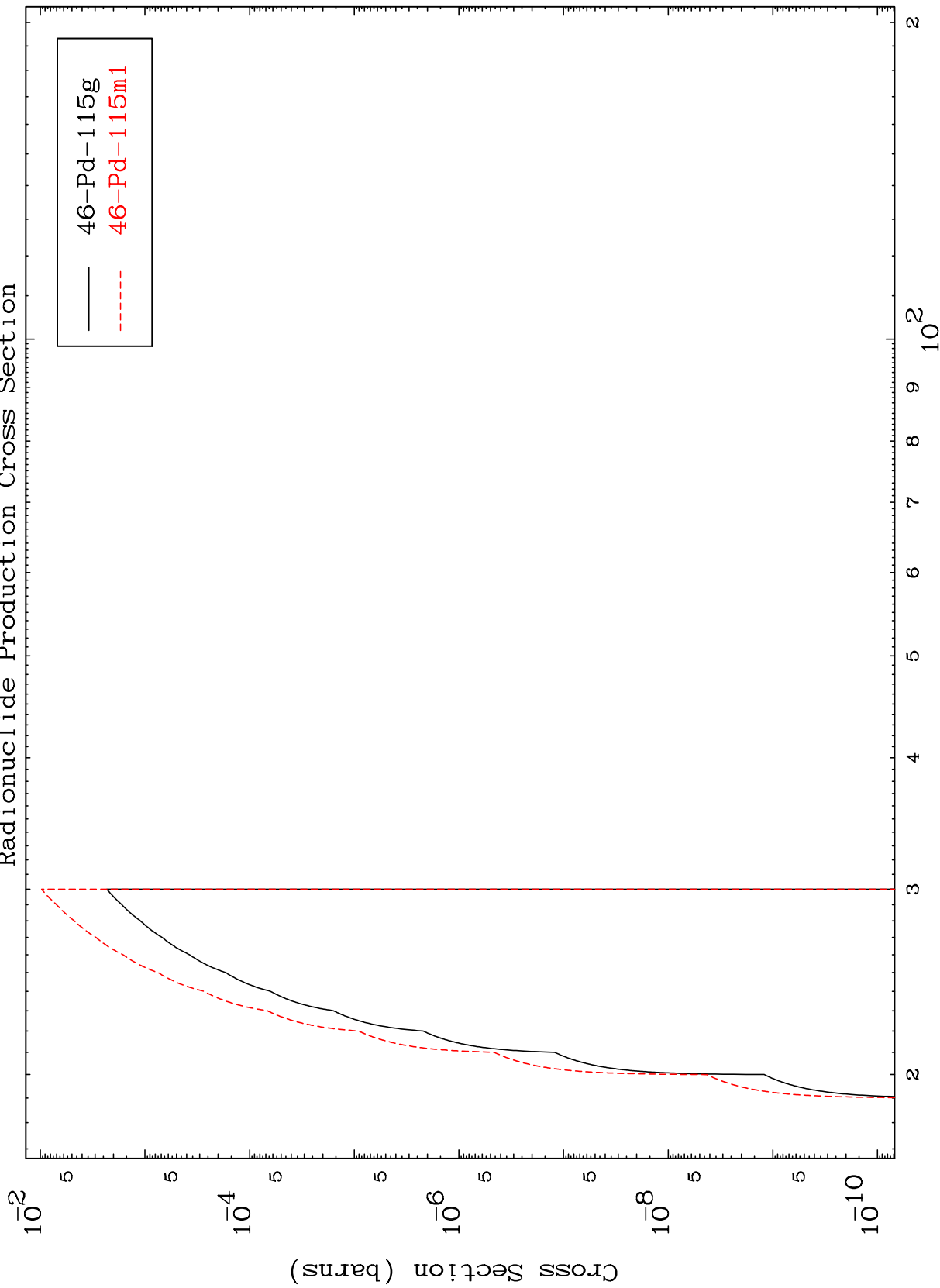
47-Ag-117m

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(n,2n) p

47-Ag-117m

Radionuclide Production Cross Section



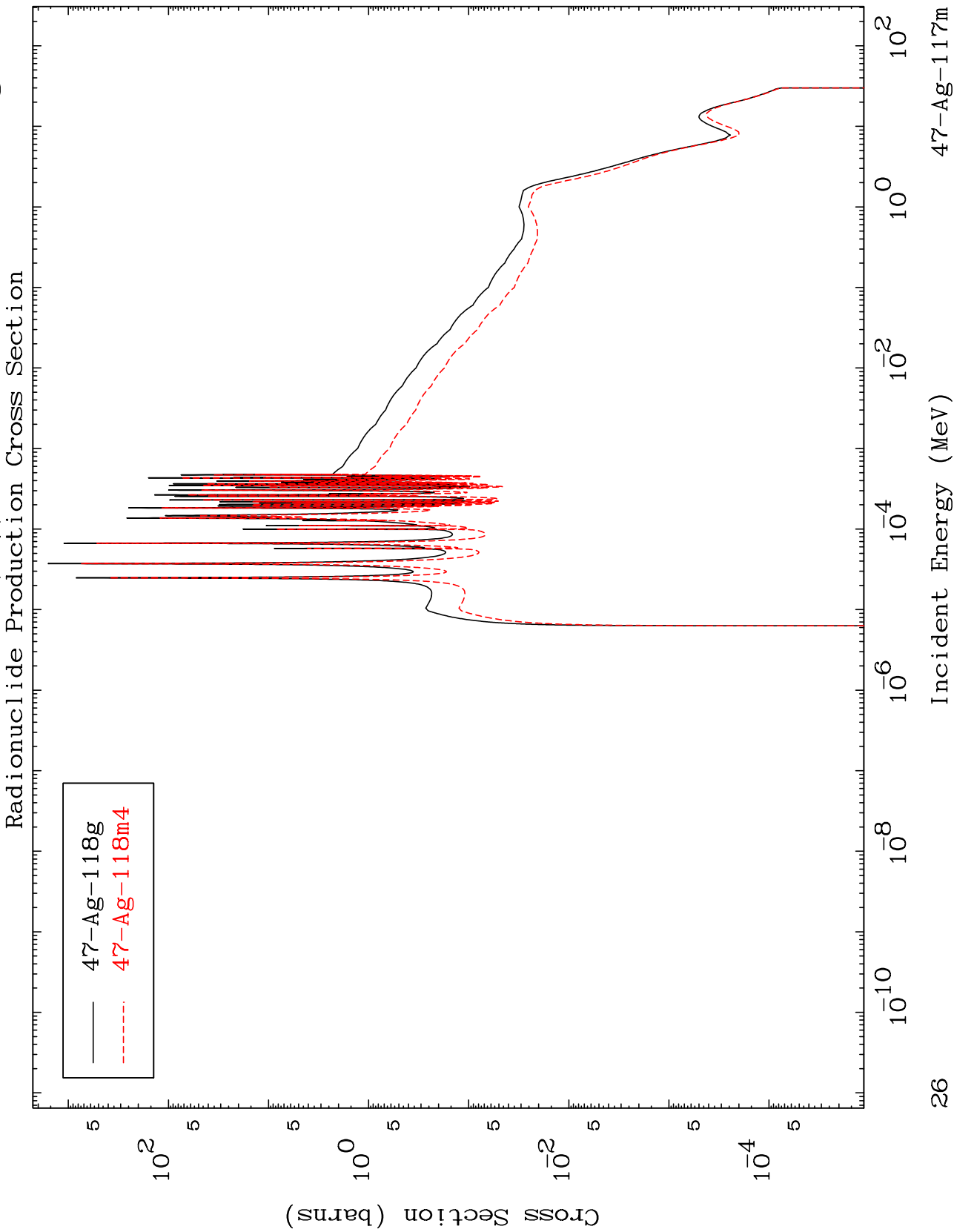
25

Incident Energy (MeV)

47-Ag-117m

MAT 4756

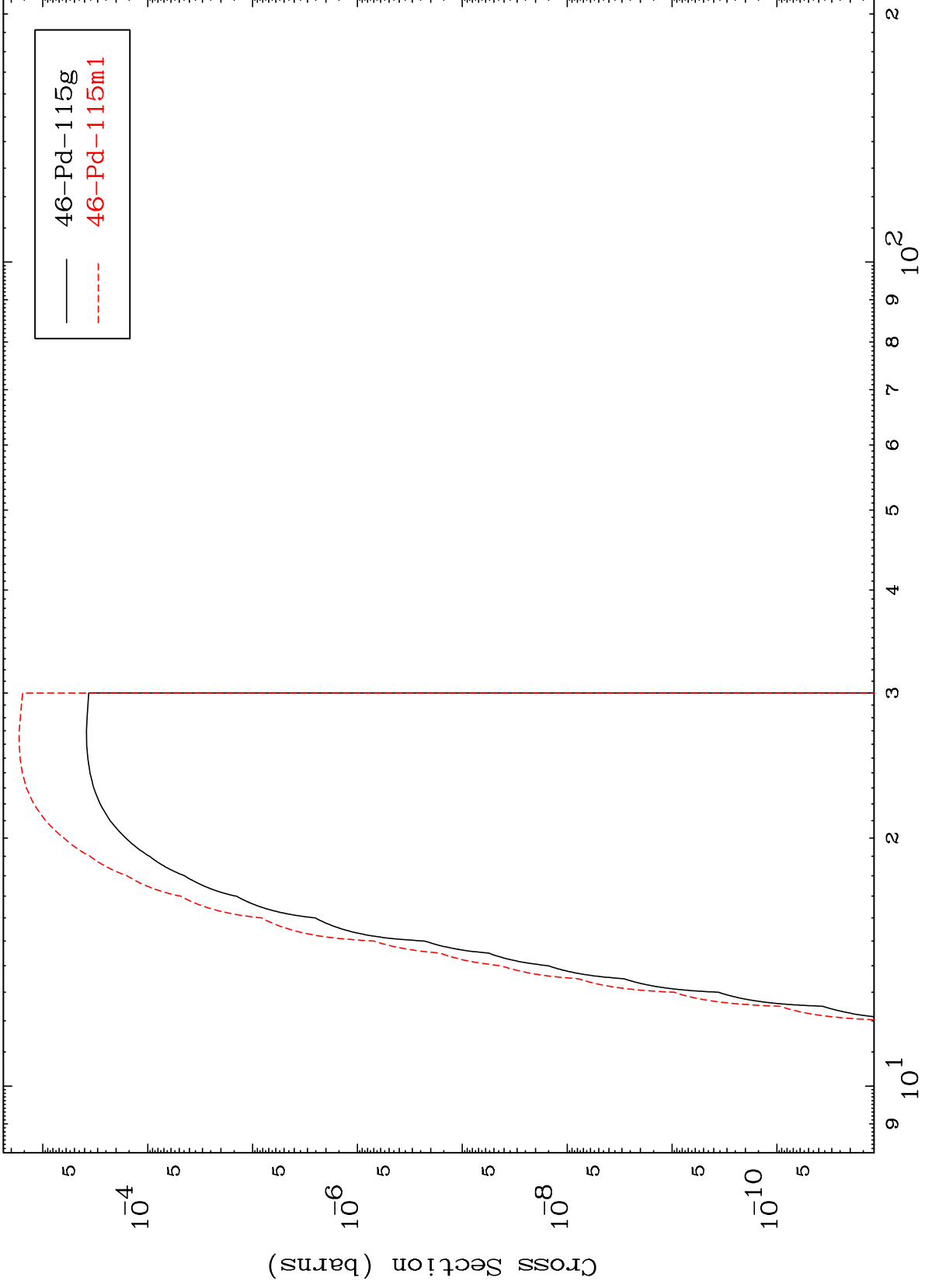
47-Ag-117m



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47-Ag-117m

(n, t)
Radionuclide Production Cross Section



27

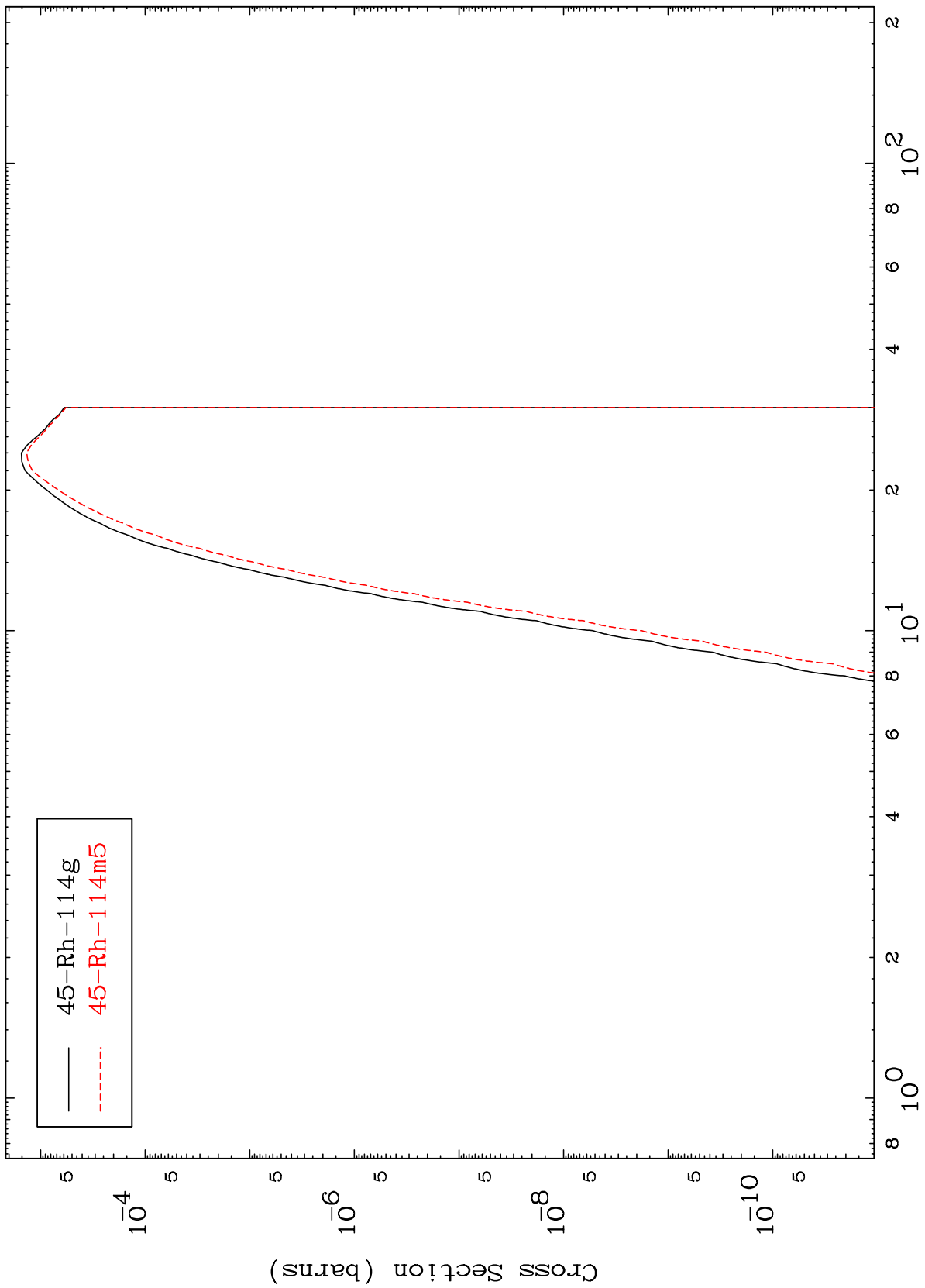
Incident Energy (MeV)

47-Ag-117m

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47-Ag-117m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

47-Ag-117m