

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

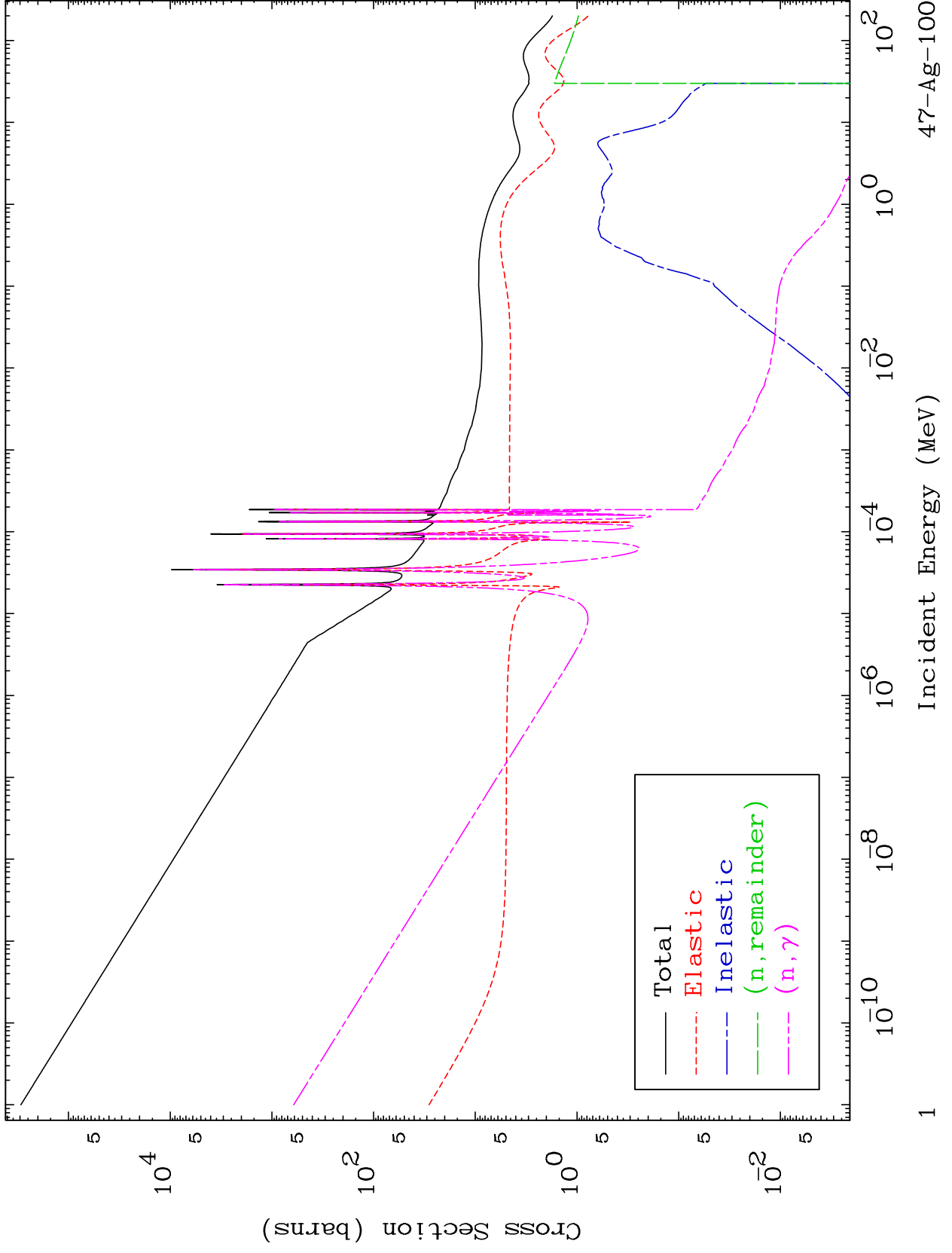
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4705

Major
293 Kelvin Cross Sections

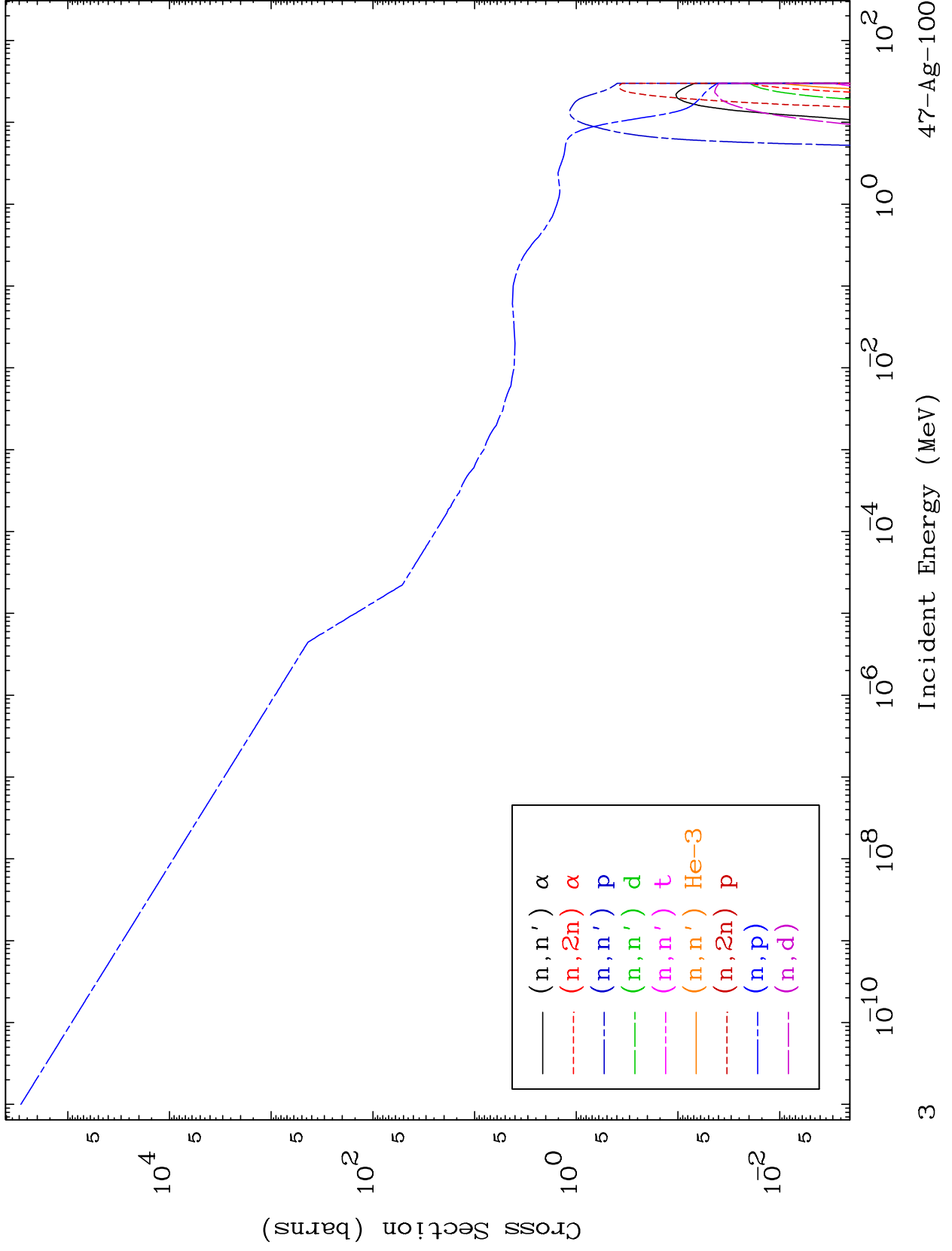
47-Ag-100



MAT 4705

Charged Particle
293 Kelvin Cross Sections

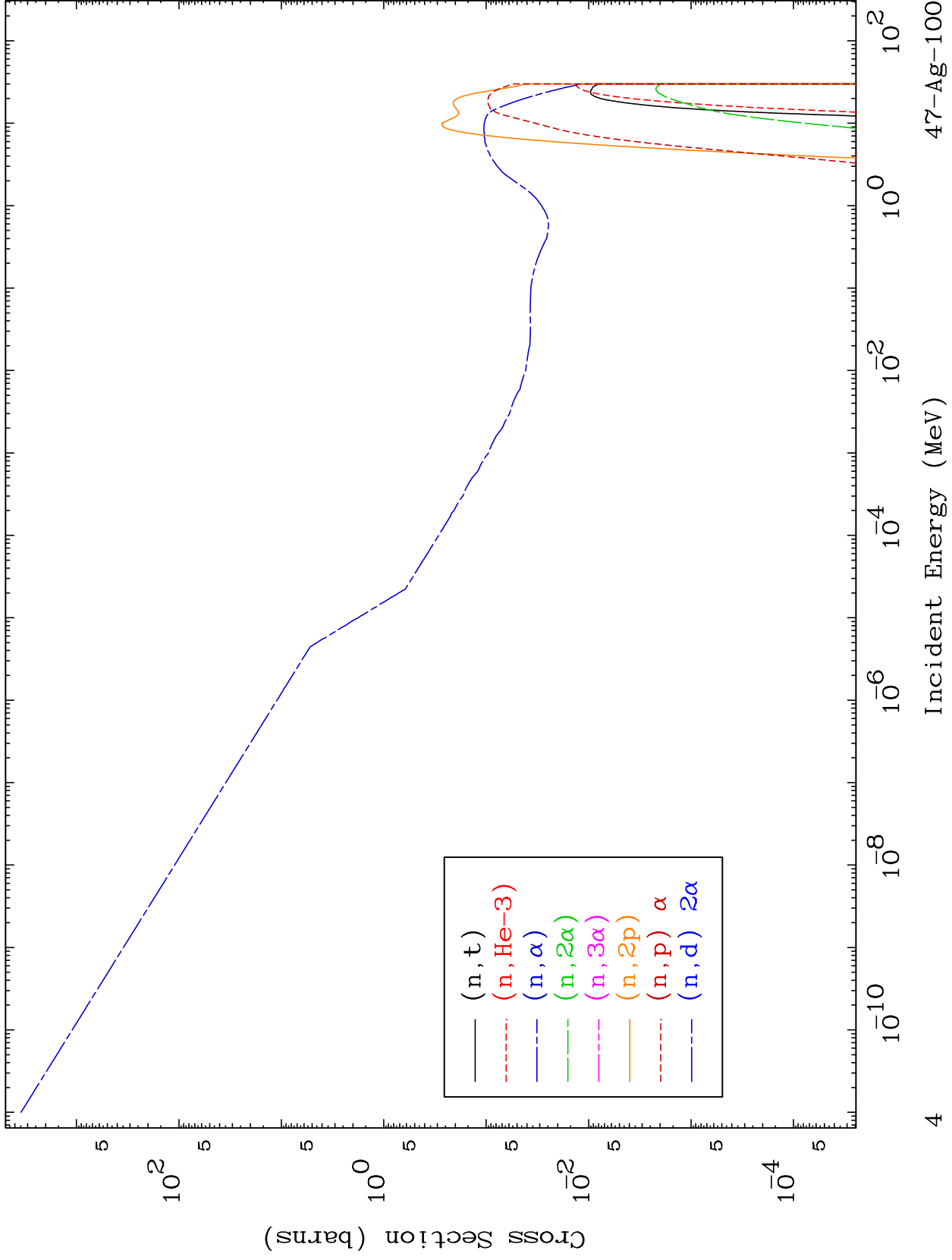
47-Ag-100

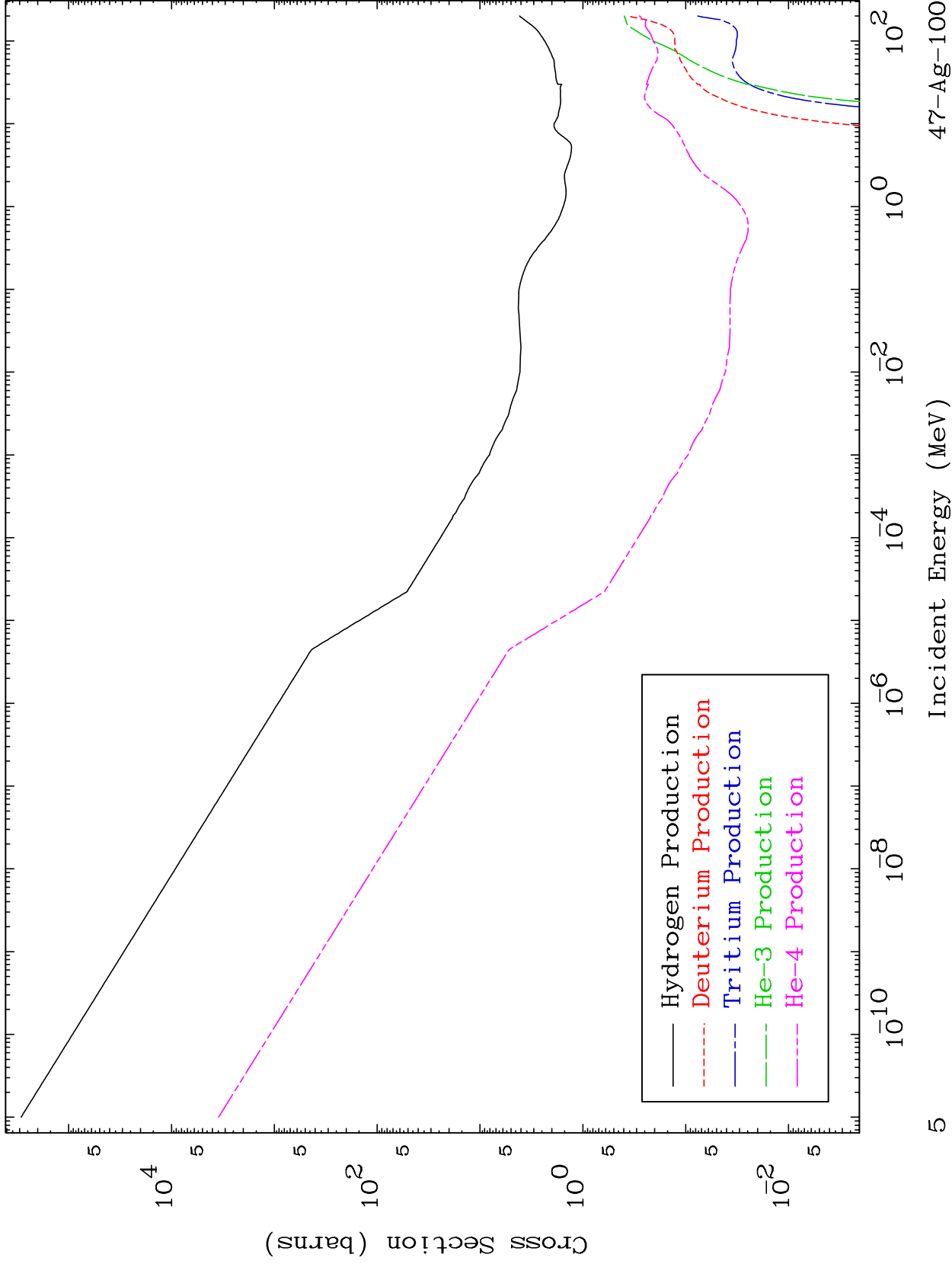


MAT 4705

Charged Particle
293 Kelvin Cross Sections

47-Ag-100

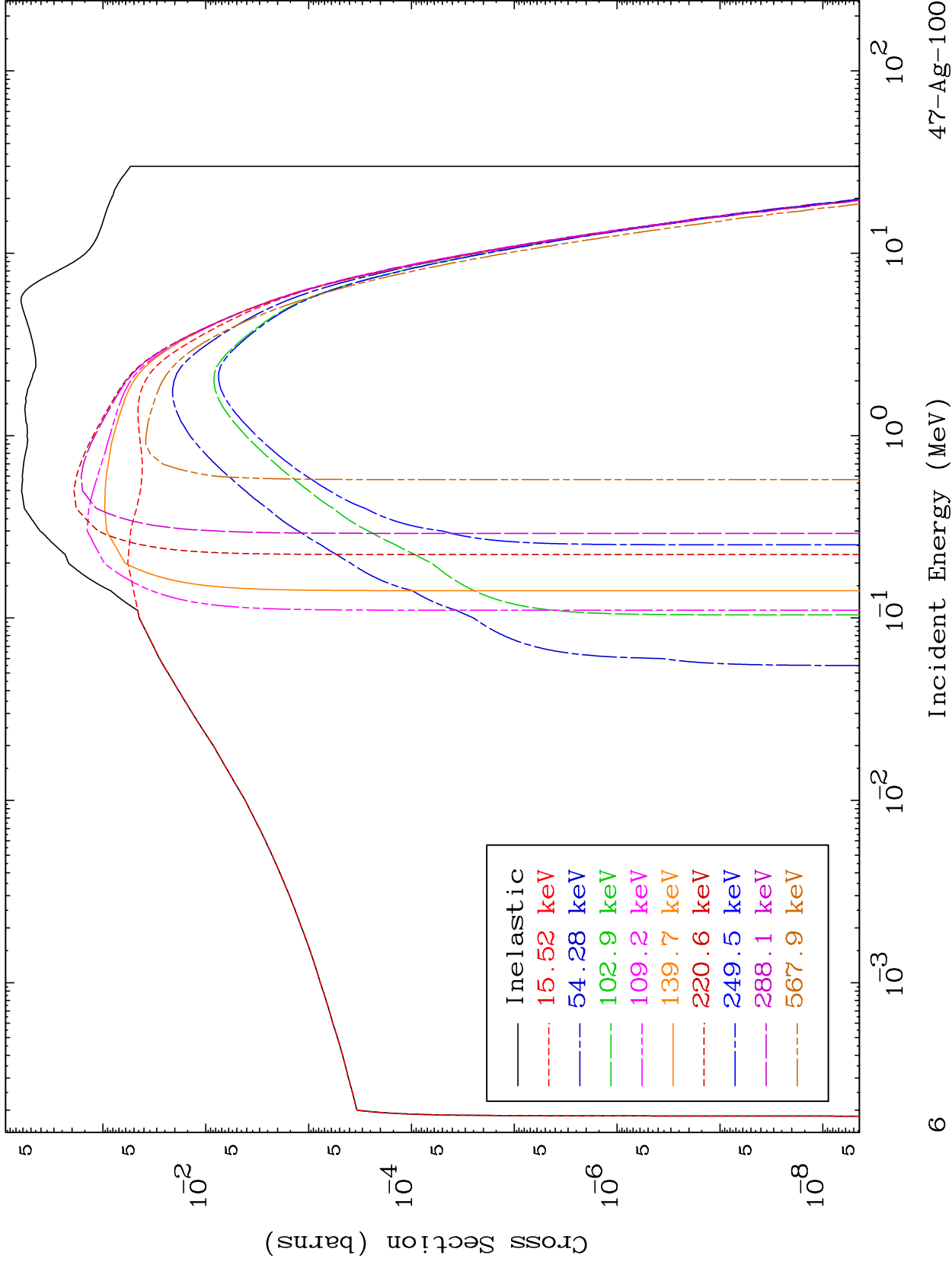


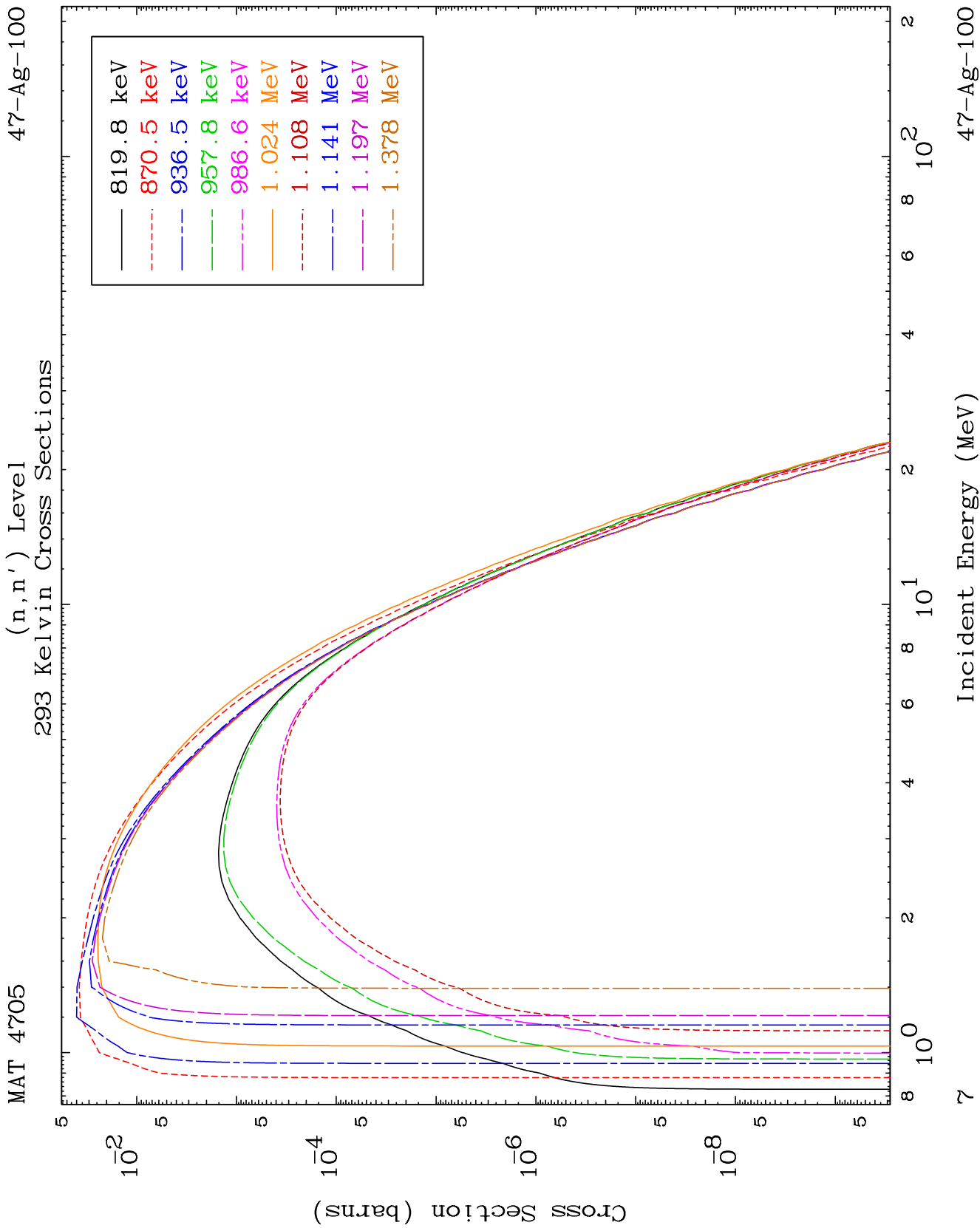


MAT 4705

(n,n') Level
293 Kelvin Cross Sections

47-Ag-100



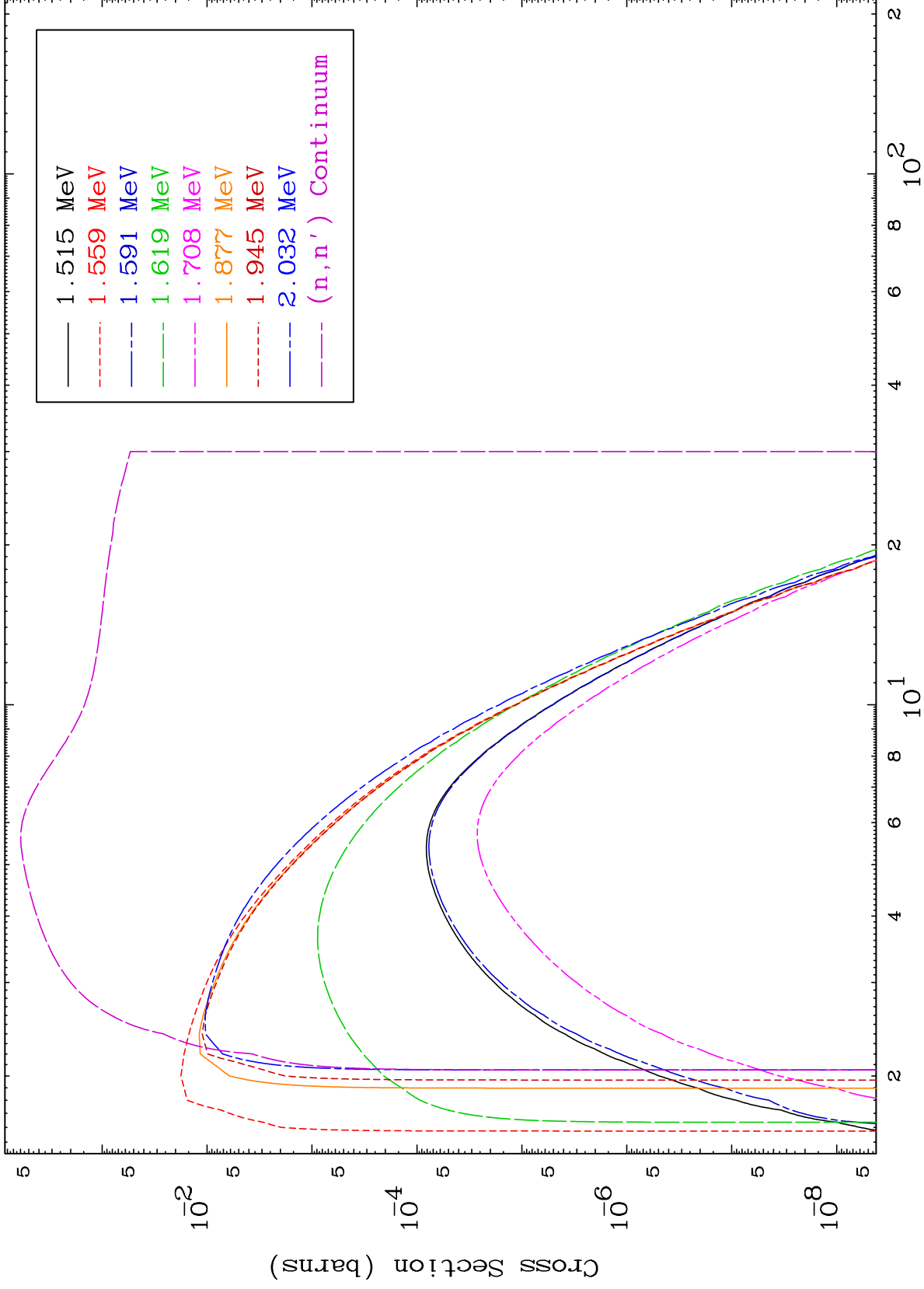


MAT 4705

(n,n') Level

47-Ag-100

293 Kelvin Cross Sections



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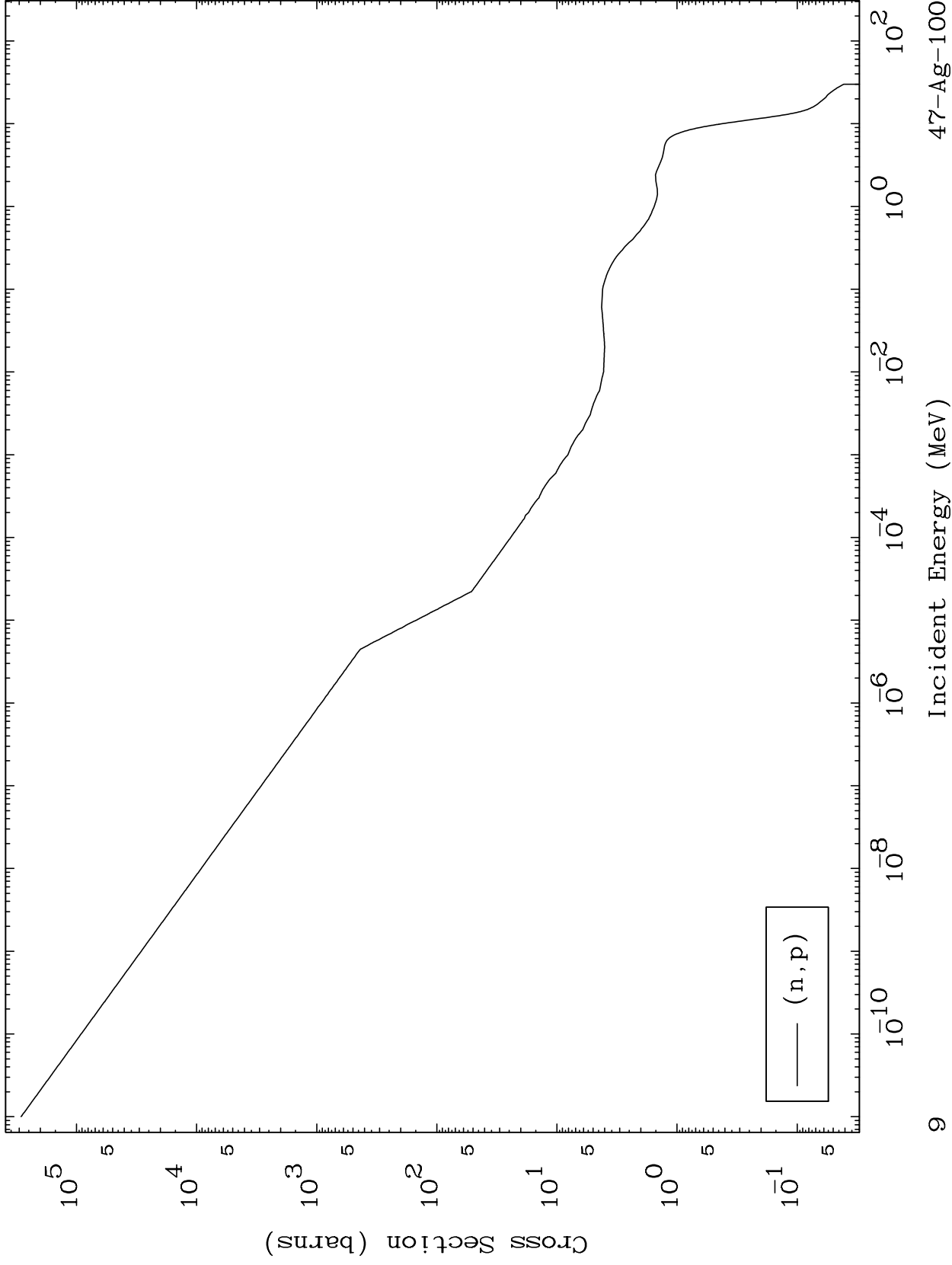
Incident Energy (MeV)

47-Ag-100

MAT 4705

(n,p) Levels
293 Kelvin Cross Sections

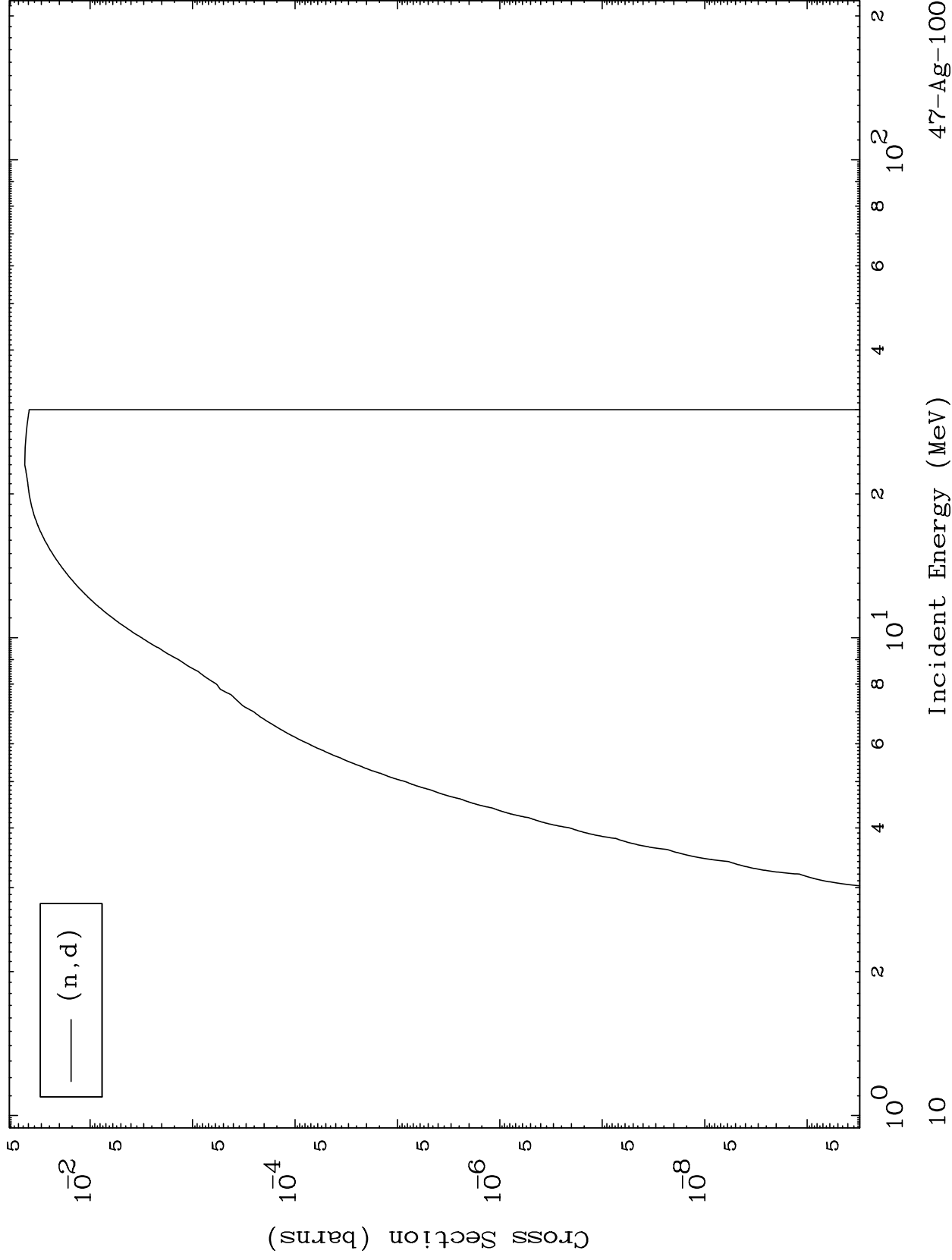
47-Ag-100



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(n,d) Levels
293 Kelvin Cross Sections

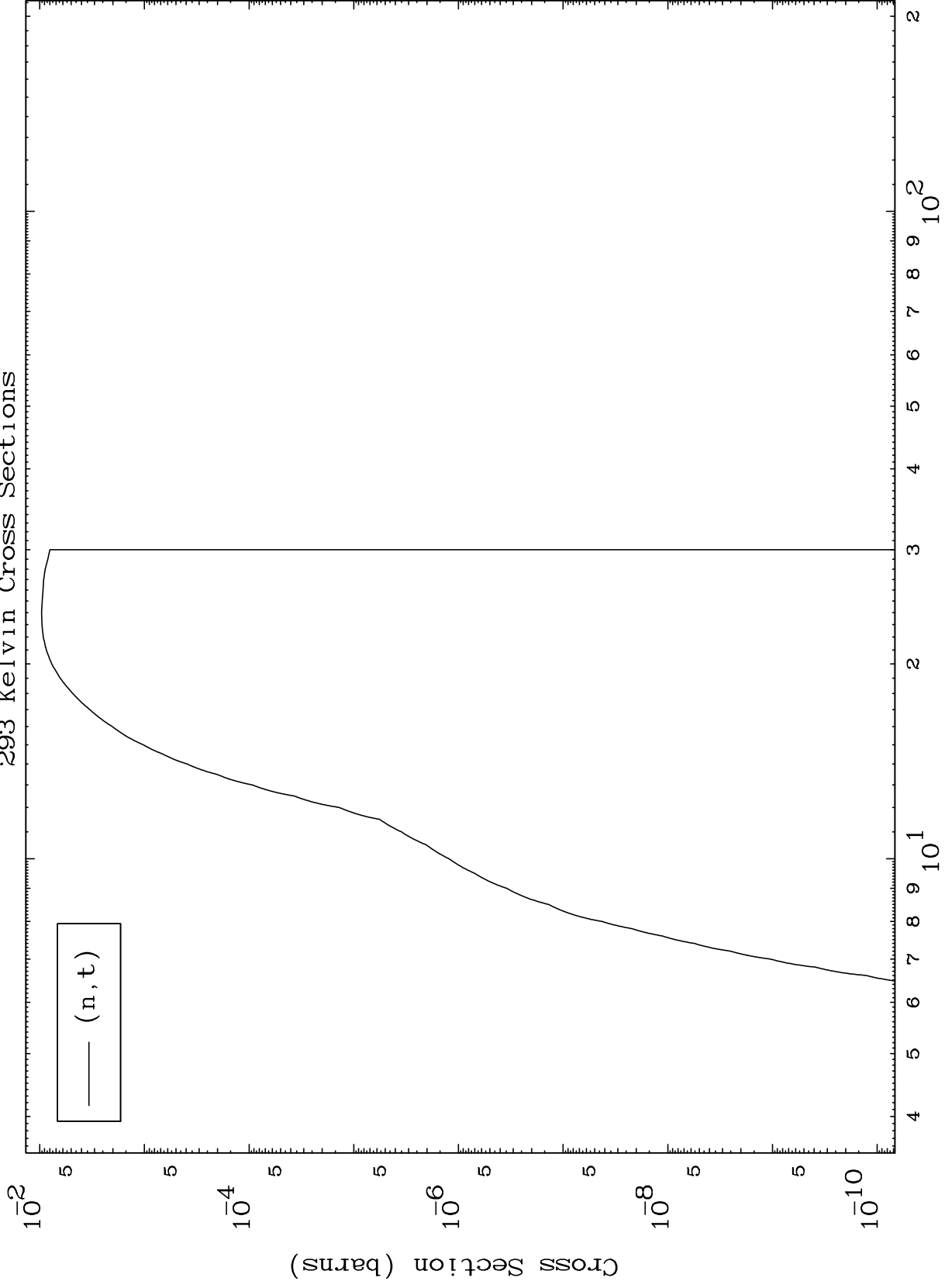
47-Ag-100



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(n,t) Levels
293 Kelvin Cross Sections

47-Ag-100



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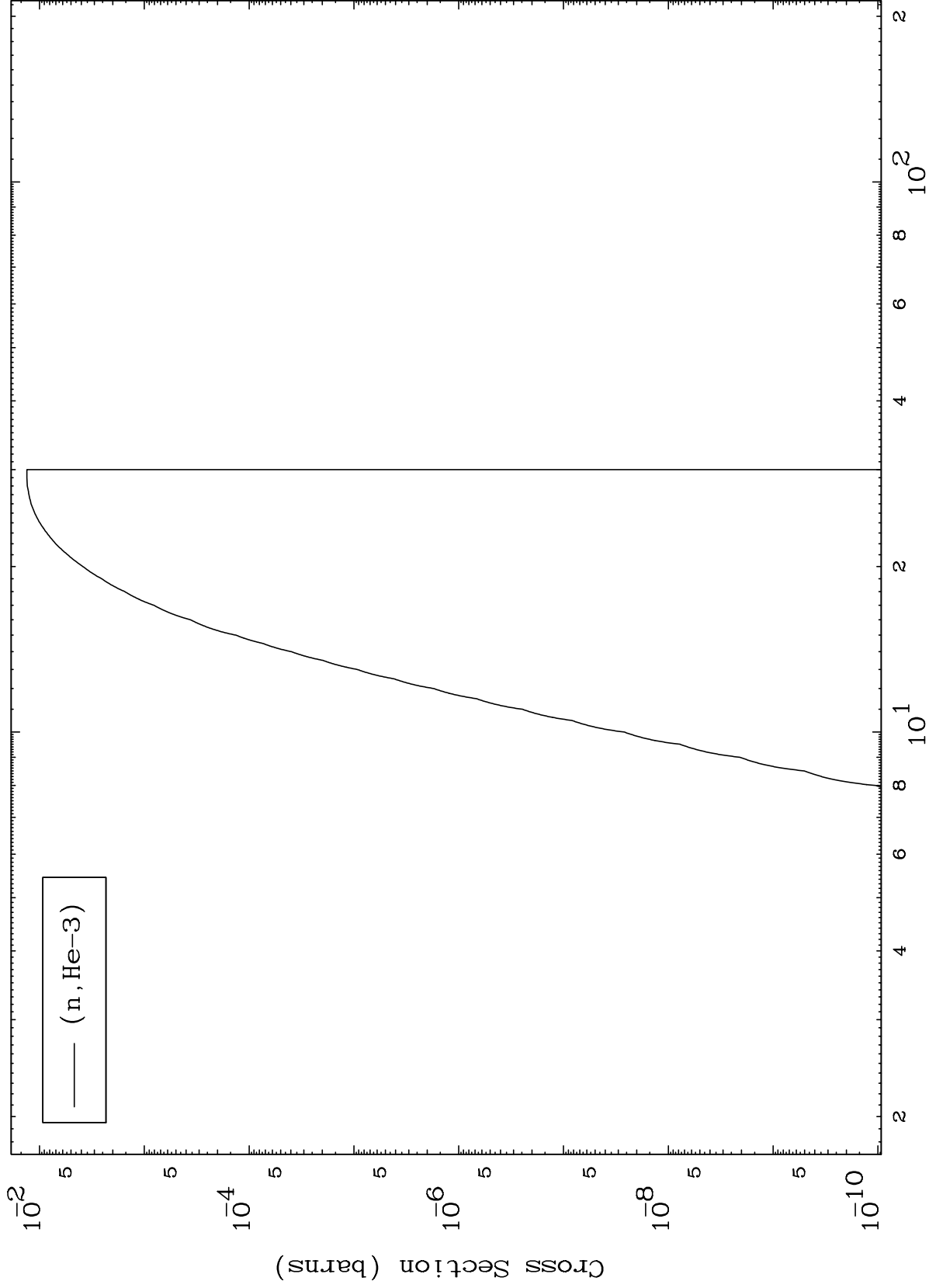
Incident Energy (MeV)

47-Ag-100

MAT 4705

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-100



12

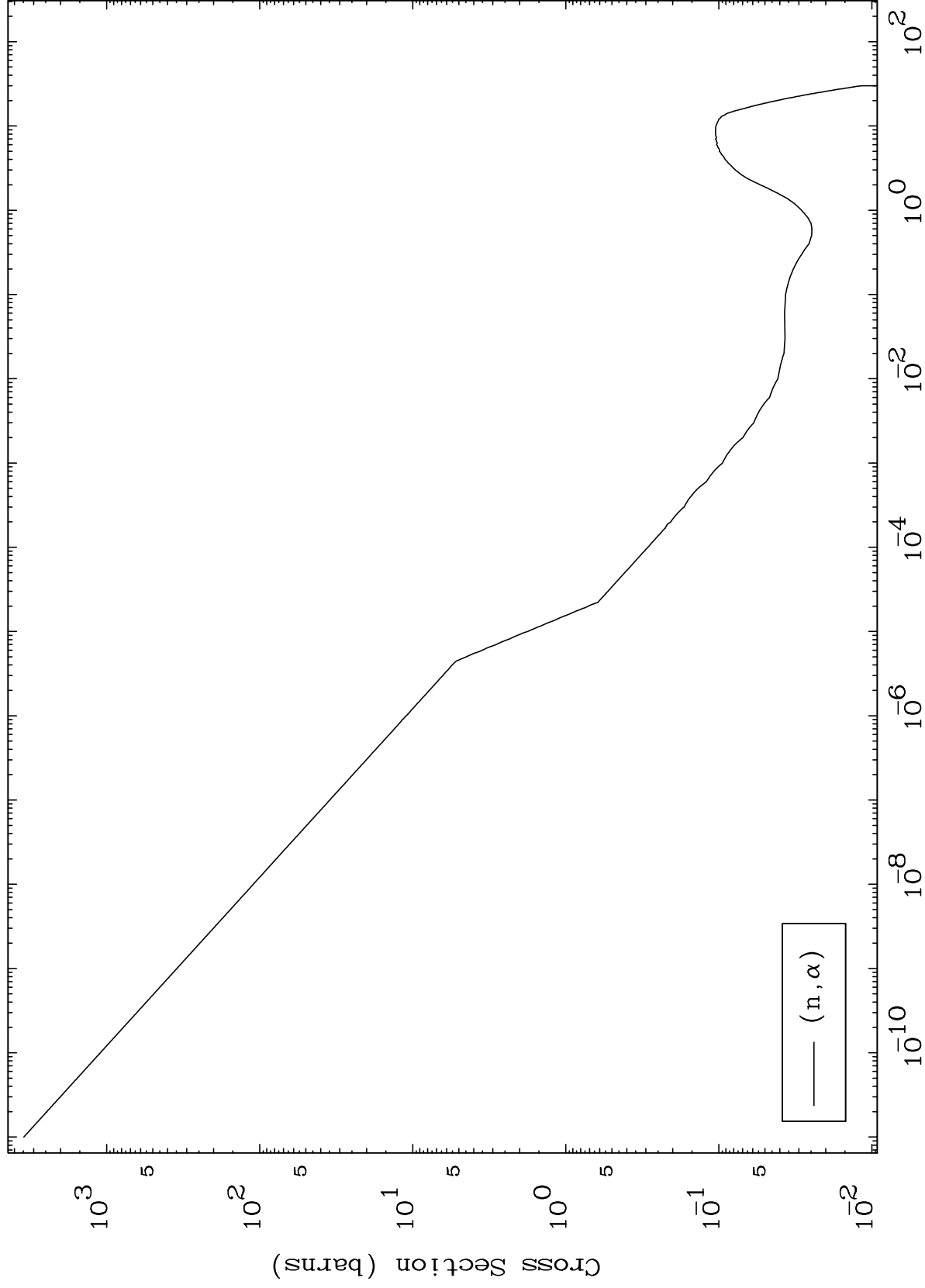
Incident Energy (MeV)

47-Ag-100

MAT 4705

(n,α) Levels
293 Kelvin Cross Sections

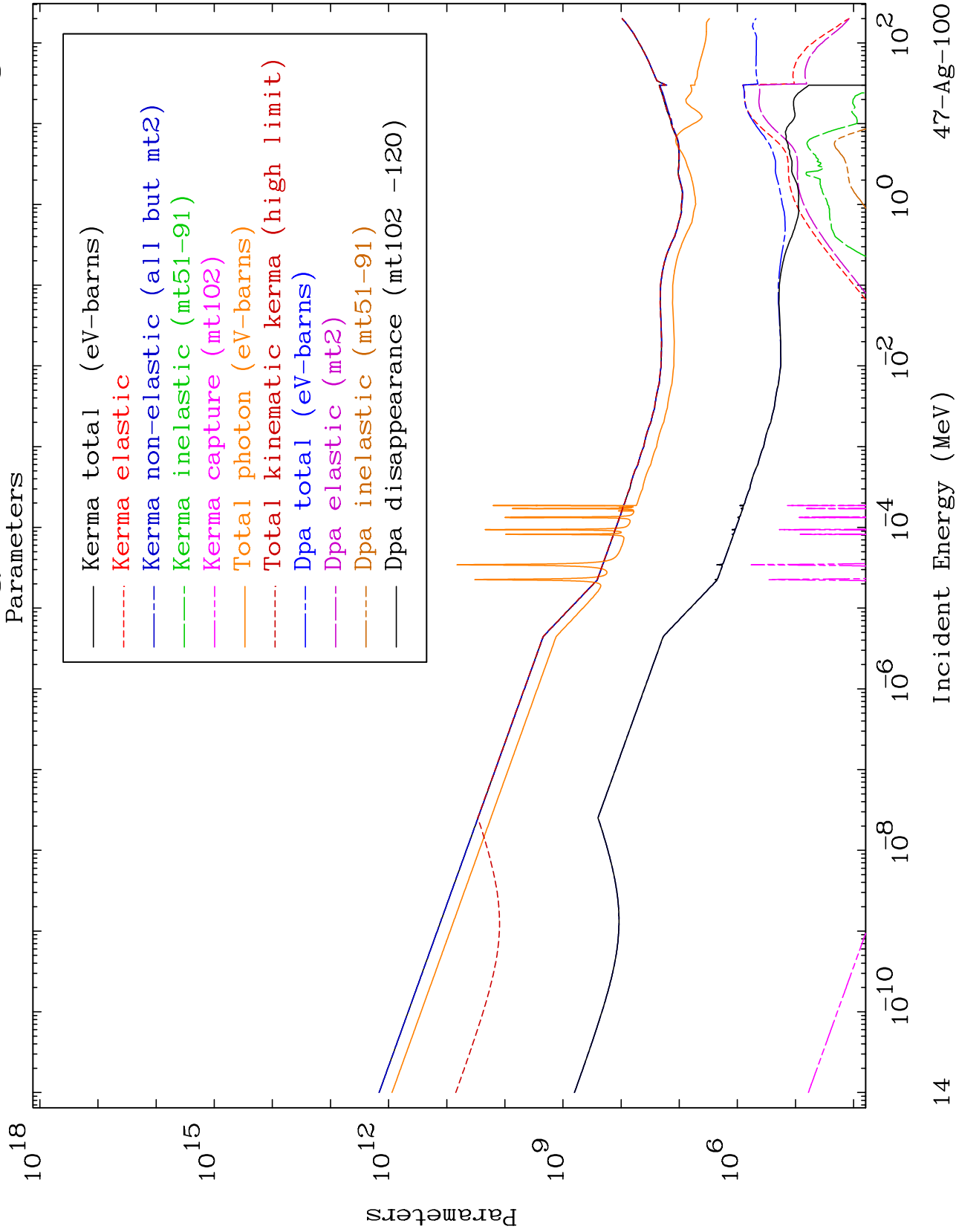
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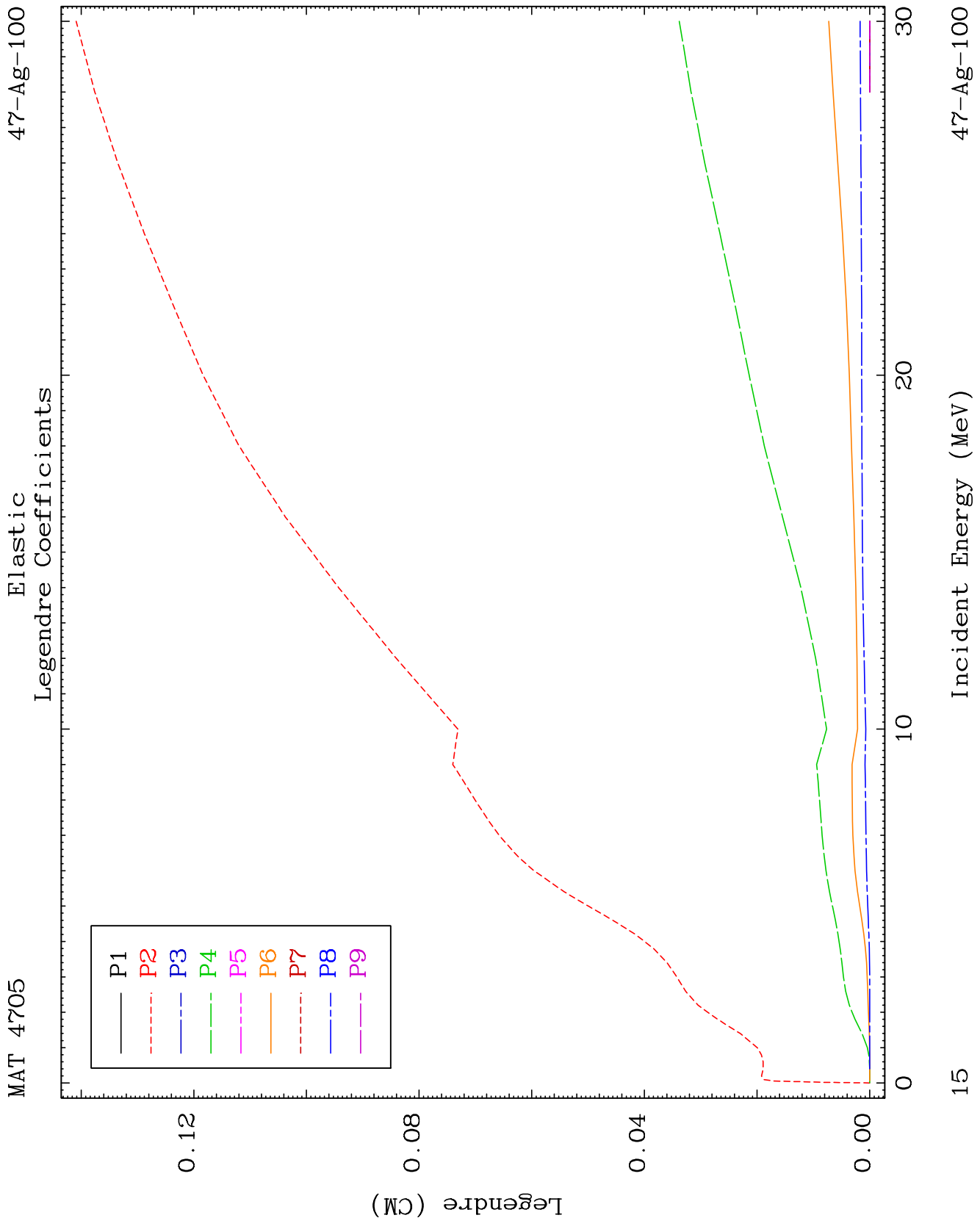


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Incident Energy (MeV)

47-Ag-100

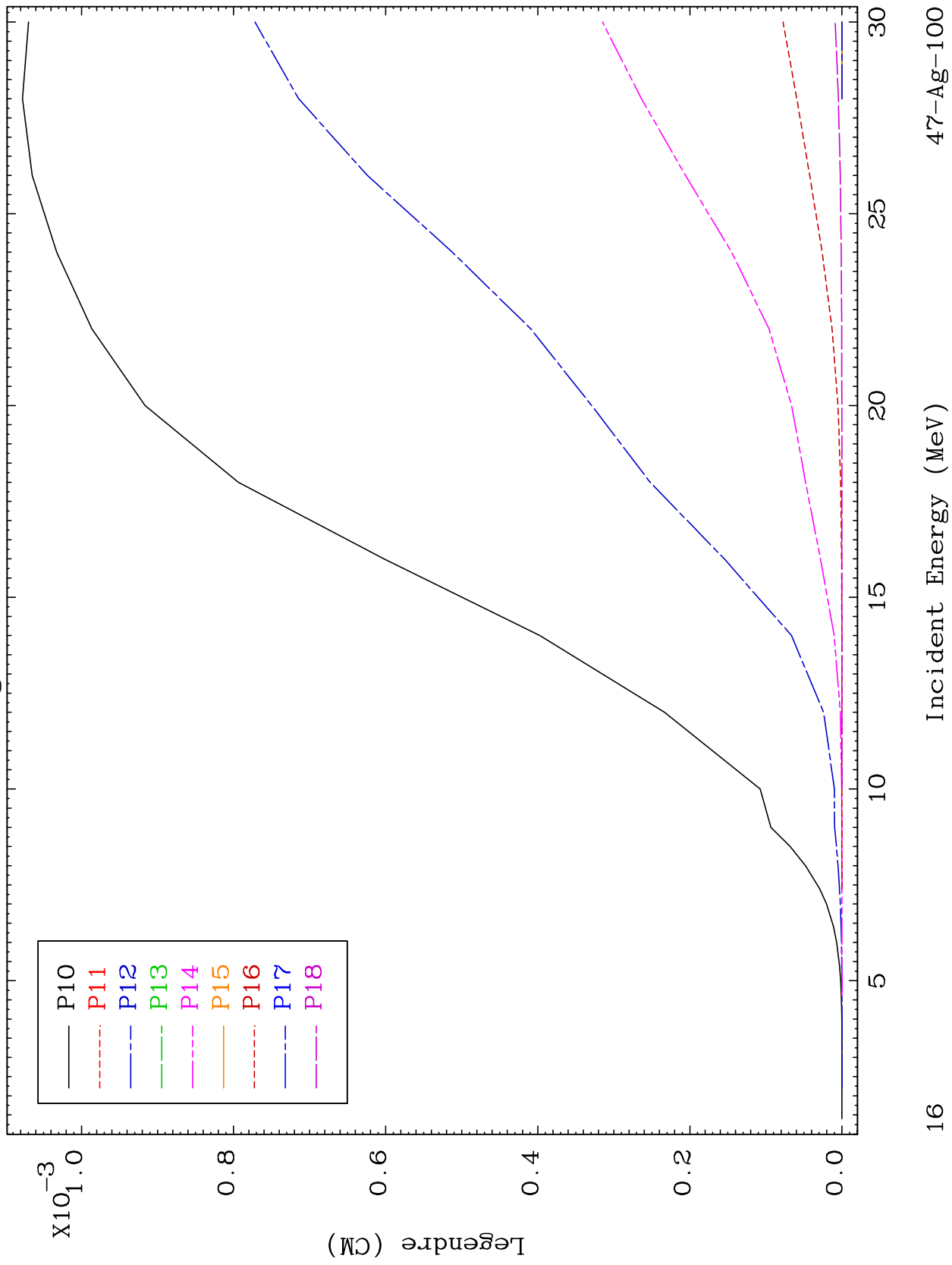




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Elastic Legendre Coefficients

47-Ag-100

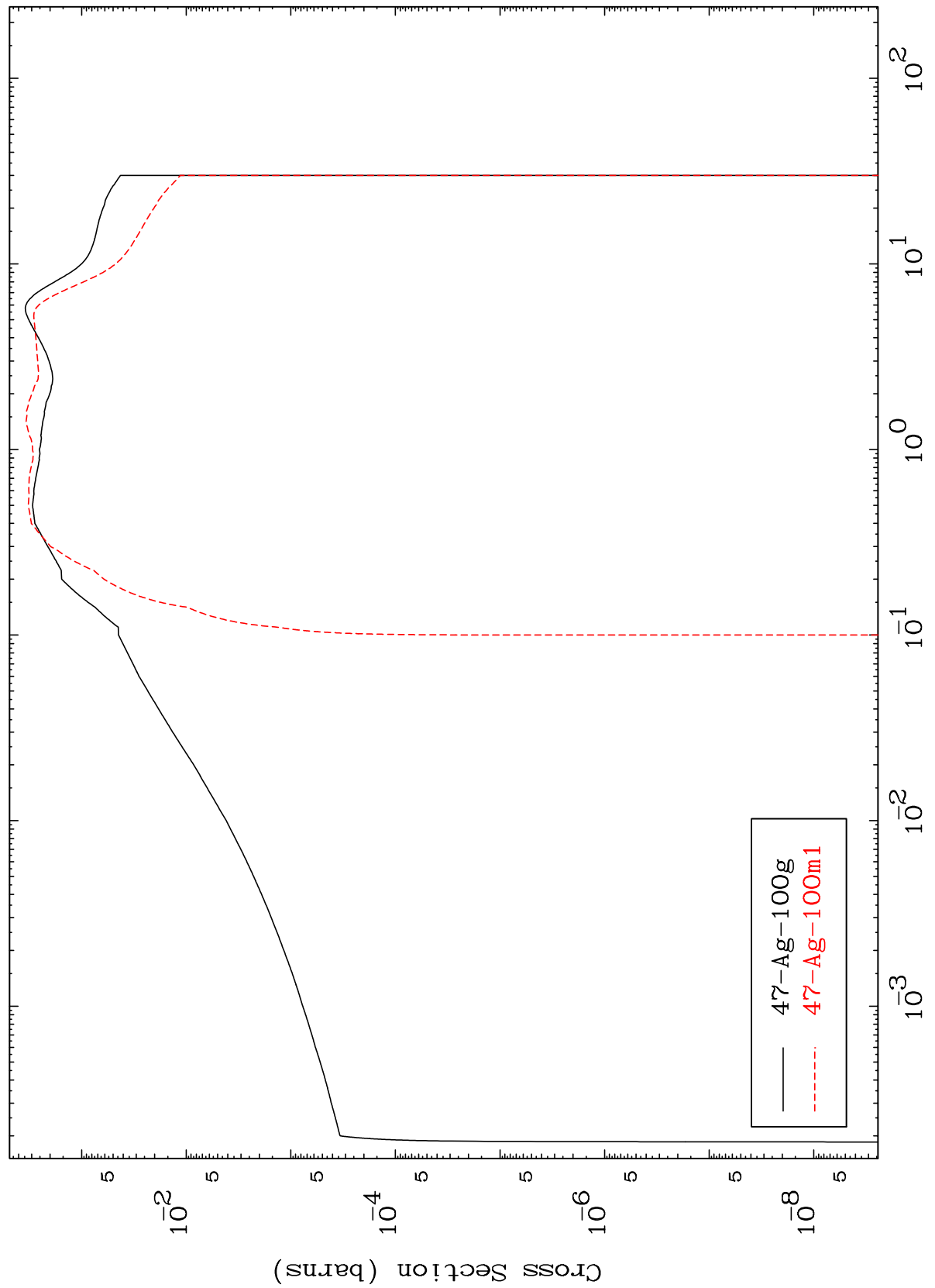


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47-Ag-100

Inelastic
Radionuclide Production Cross Section

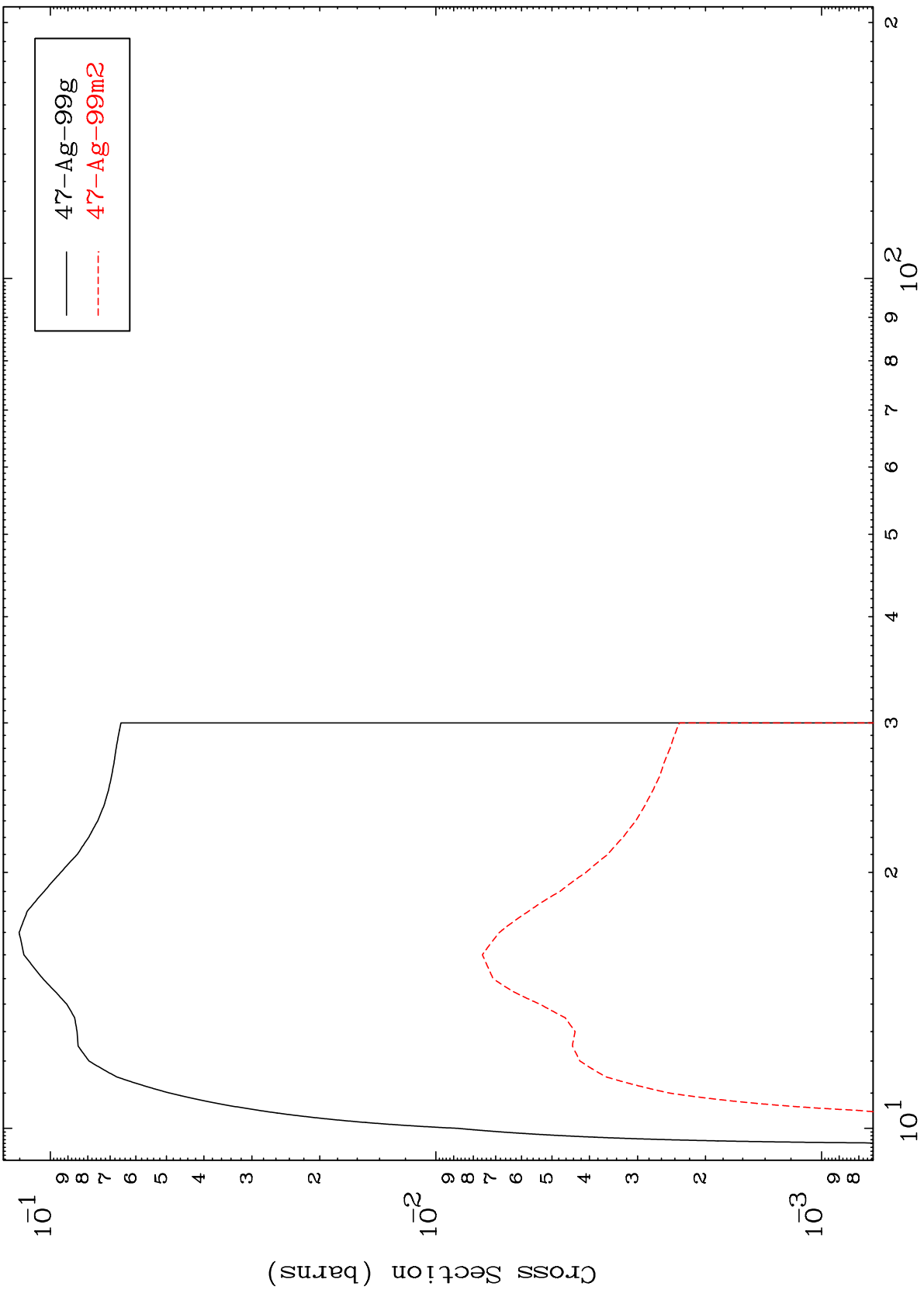


— 47-Ag-100g
- - - 47-Ag-100m1

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47-Ag-100

(n,2n)
Radionuclide Production Cross Section



47-Ag-99g
47-Ag-99m2

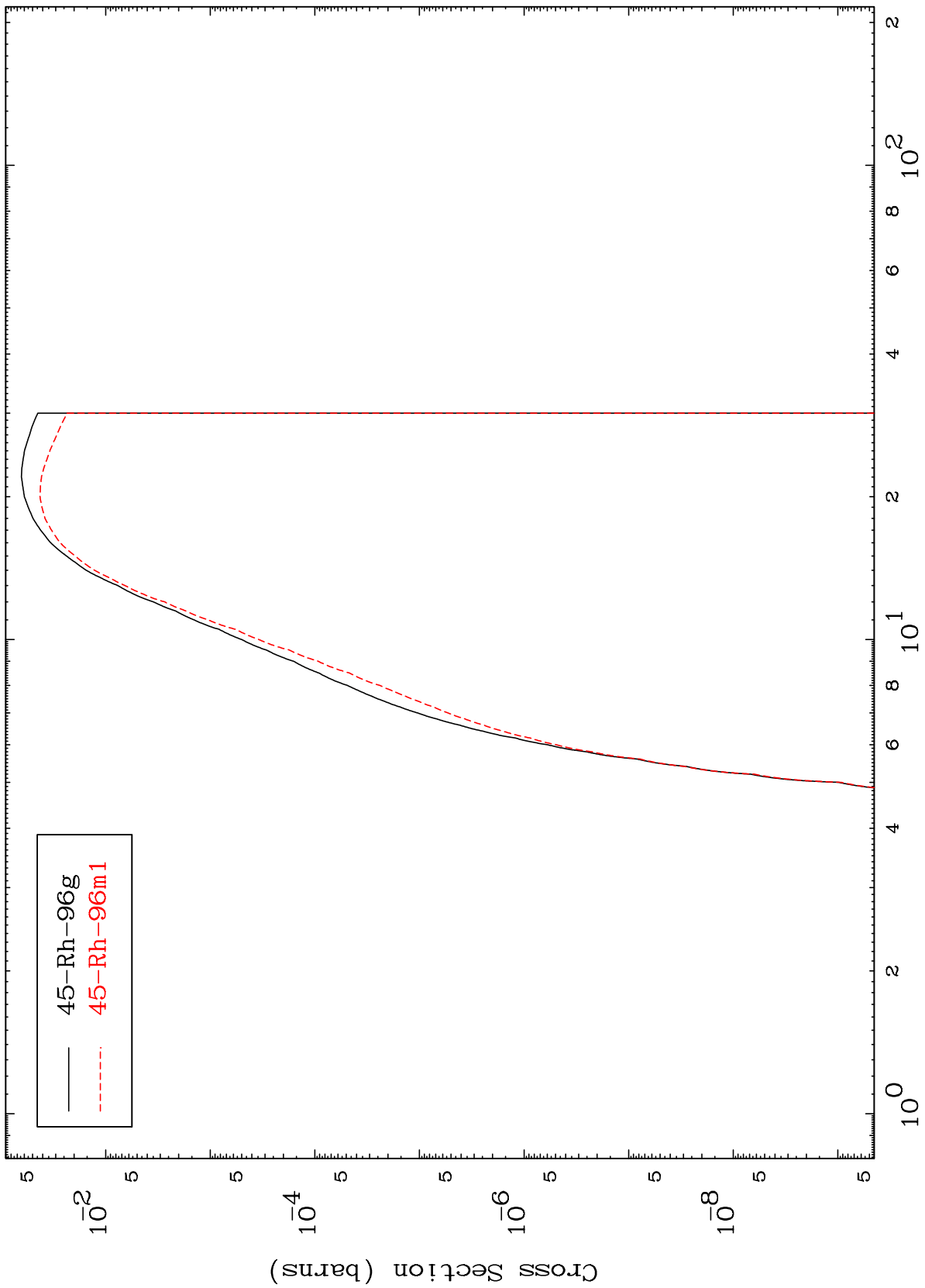
Incident Energy (MeV)

47-Ag-100

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47-Ag-100

$(n, n') \alpha$
Radionuclide Production Cross Section



47-Ag-100

Incident Energy (MeV)

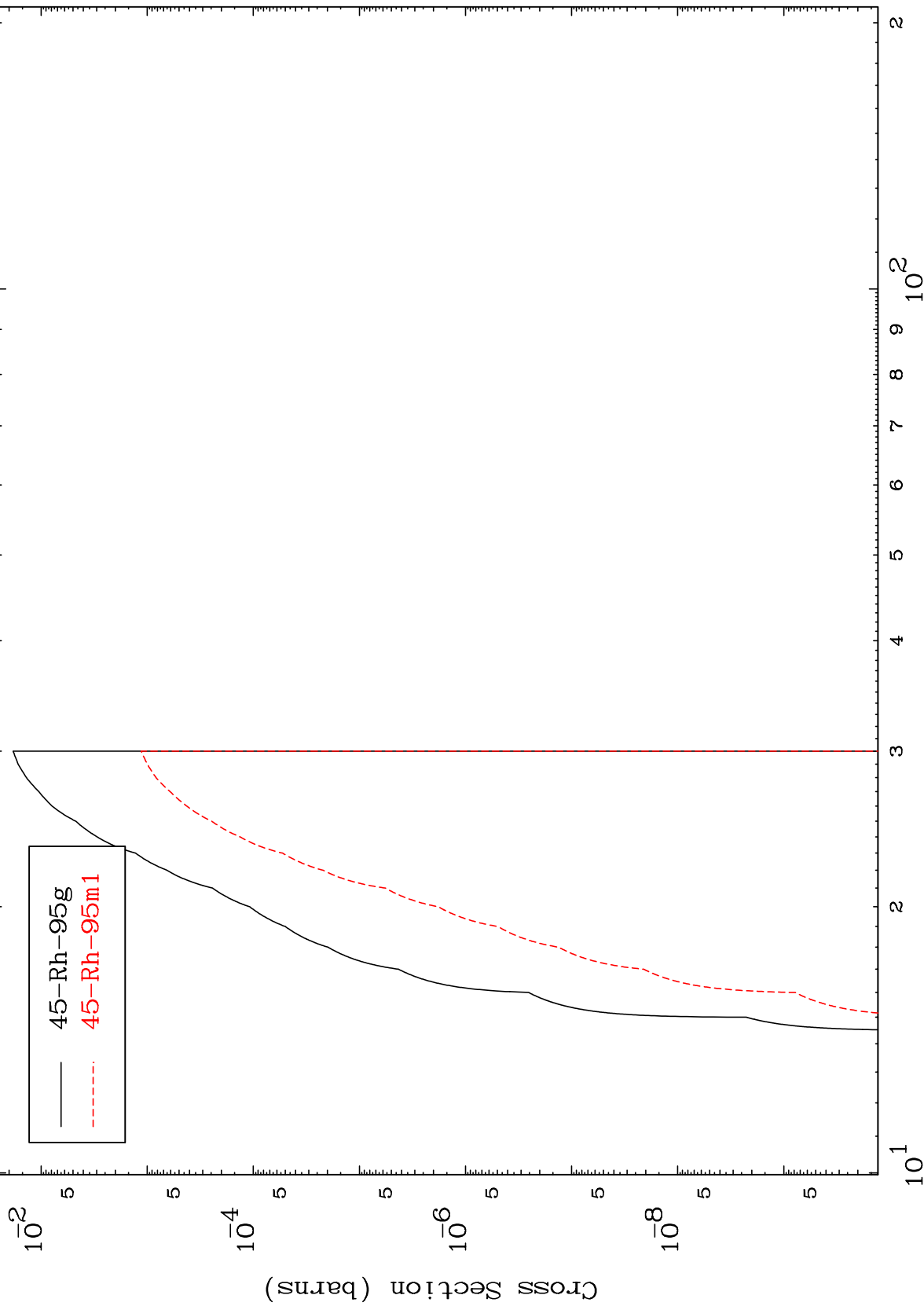
20

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(n,2n) α

47-Ag-100

Radionuclide Production Cross Section



Incident Energy (MeV)

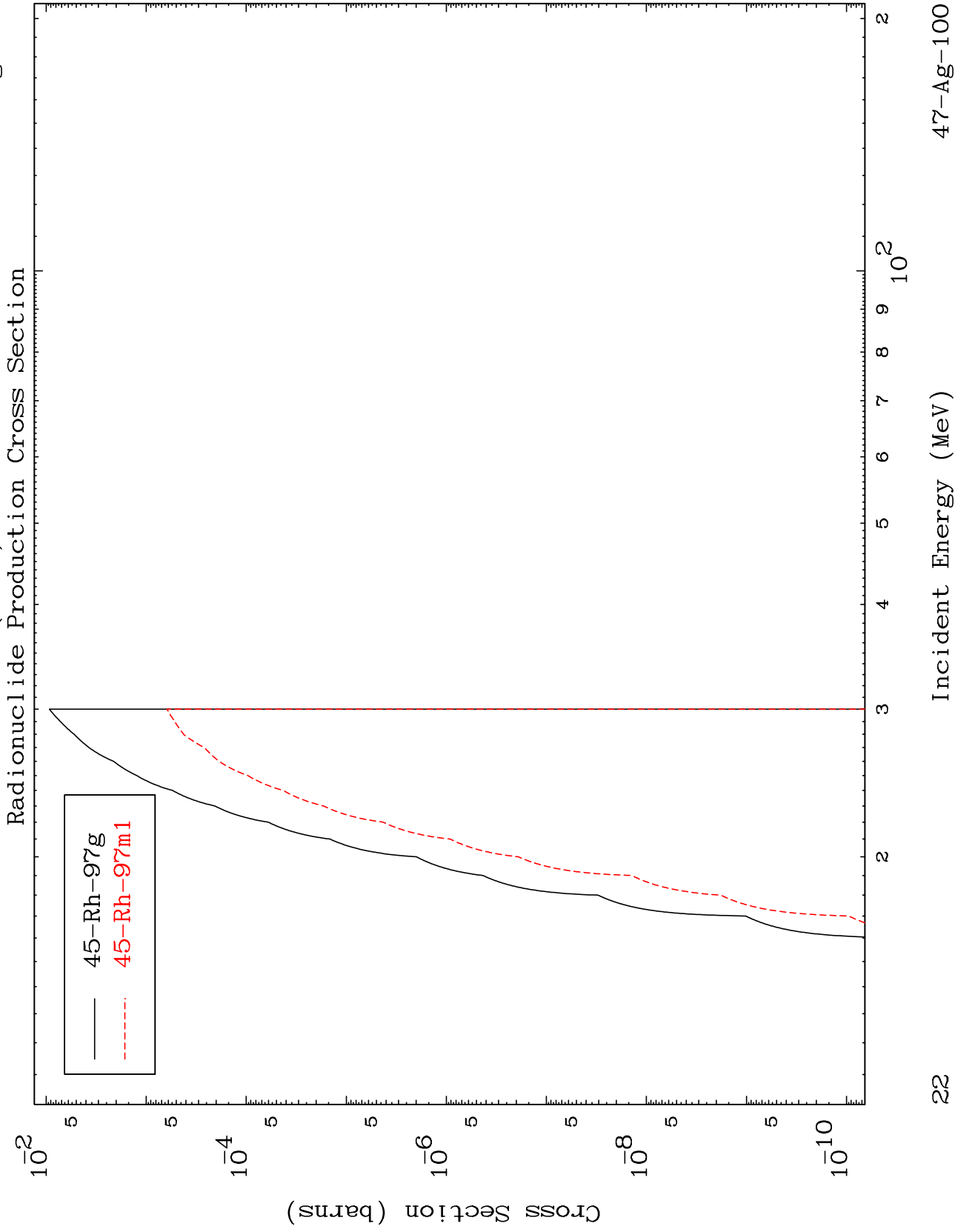
47-Ag-100

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(n,n') He-3

47-Ag-100

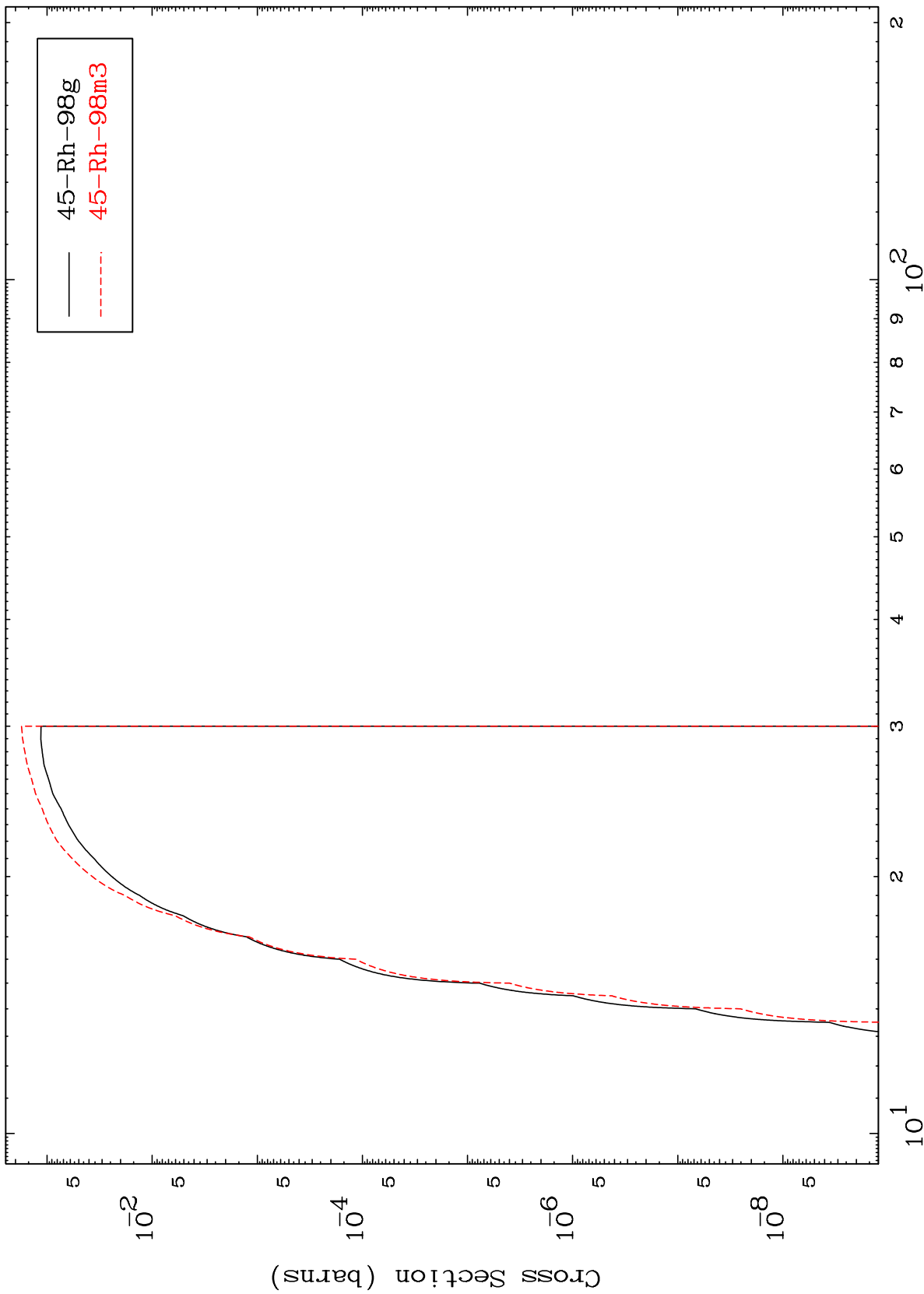


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(n,2n) p

47-Ag-100

Radionuclide Production Cross Section



23

Incident Energy (MeV)

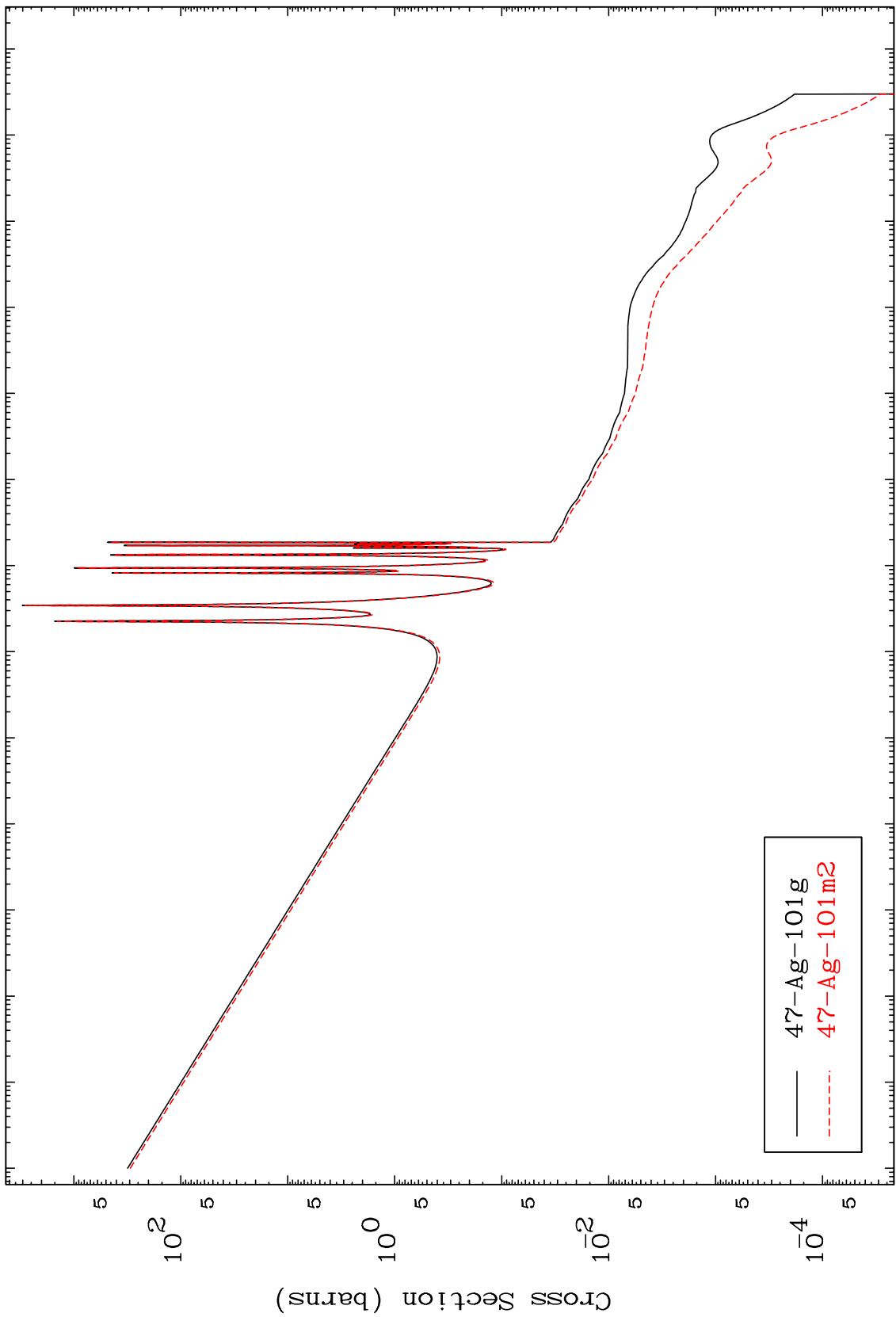
47-Ag-100

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47-Ag-100

Radionuclide Production Cross Section

(n, γ)



47-Ag-100

10²

10⁰

10⁻²

10⁻⁴

10⁻⁶

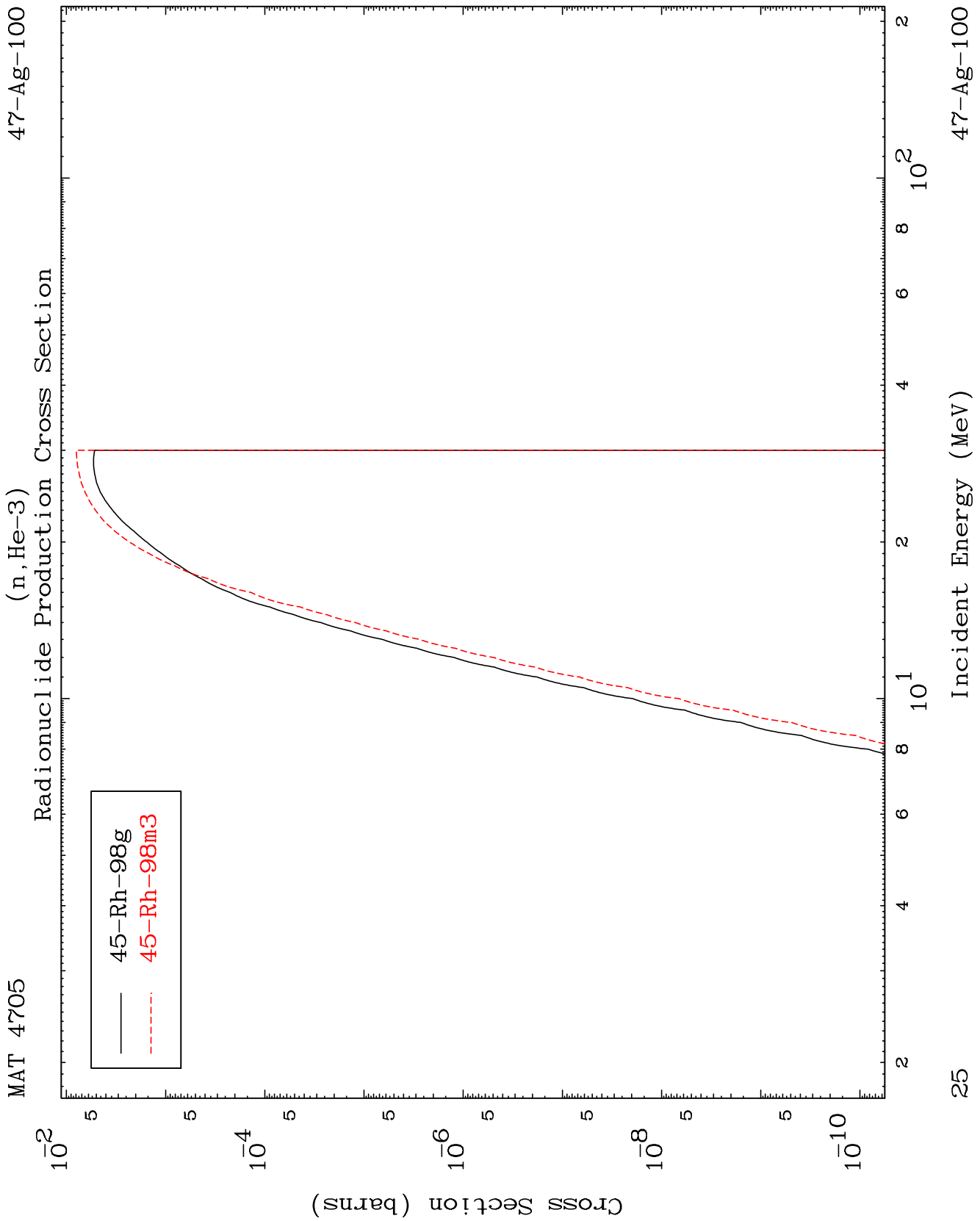
10⁻⁸

10⁻¹⁰

Incident Energy (MeV)

47-Ag-100

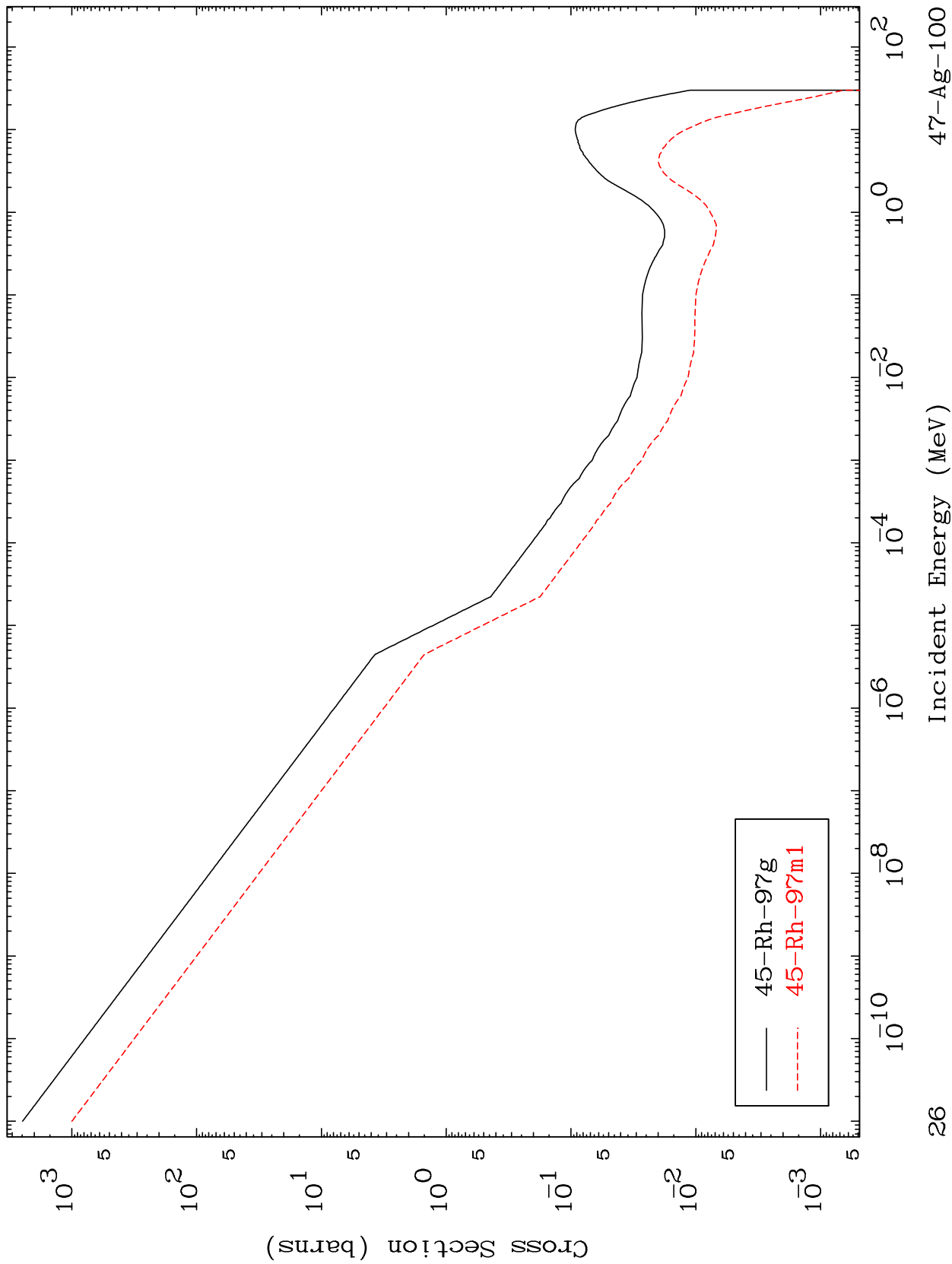
24



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47-Ag-100

Radionuclide Production Cross Section

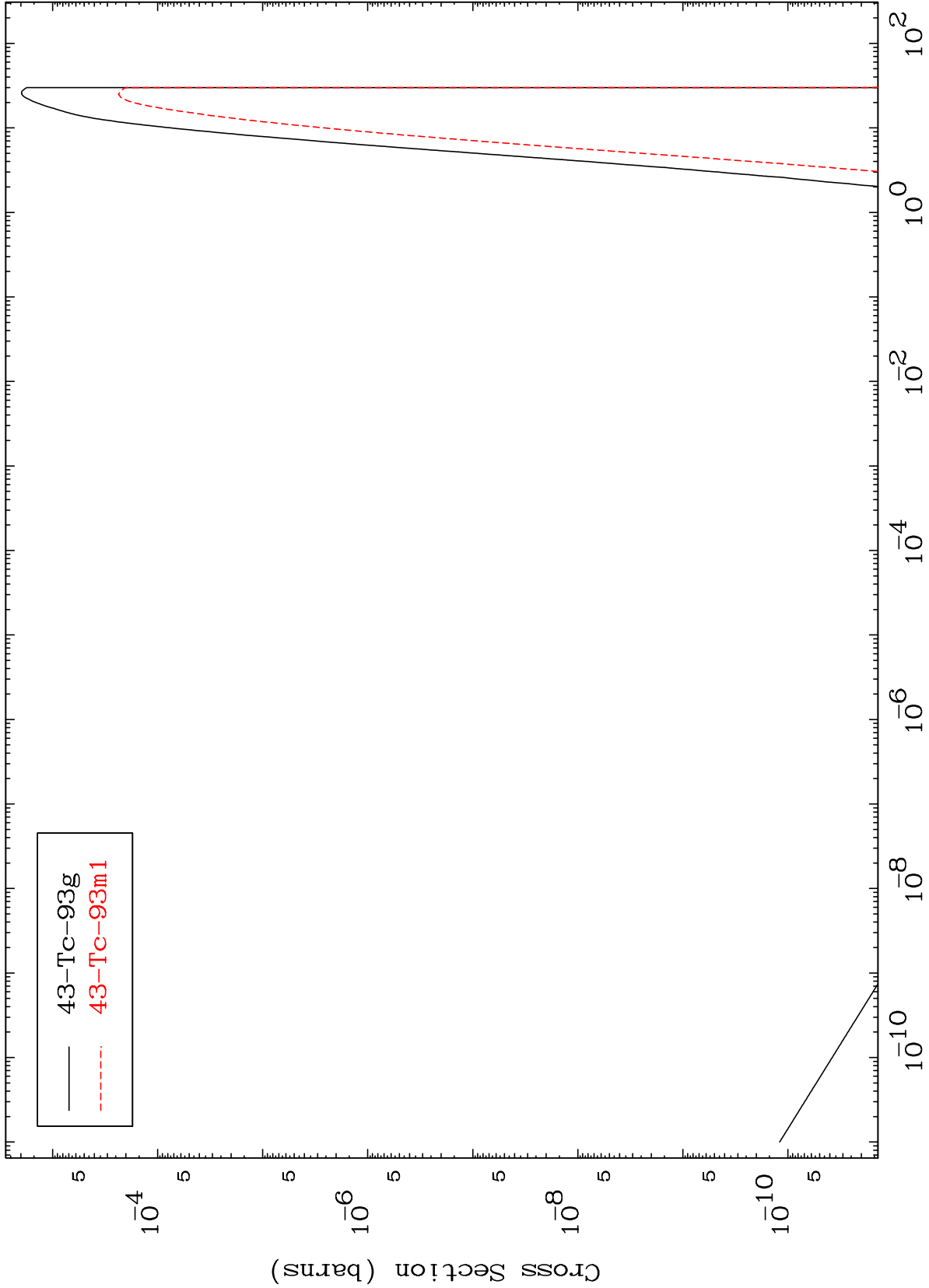


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(n,2α)

47-Ag-100

Radionuclide Production Cross Section

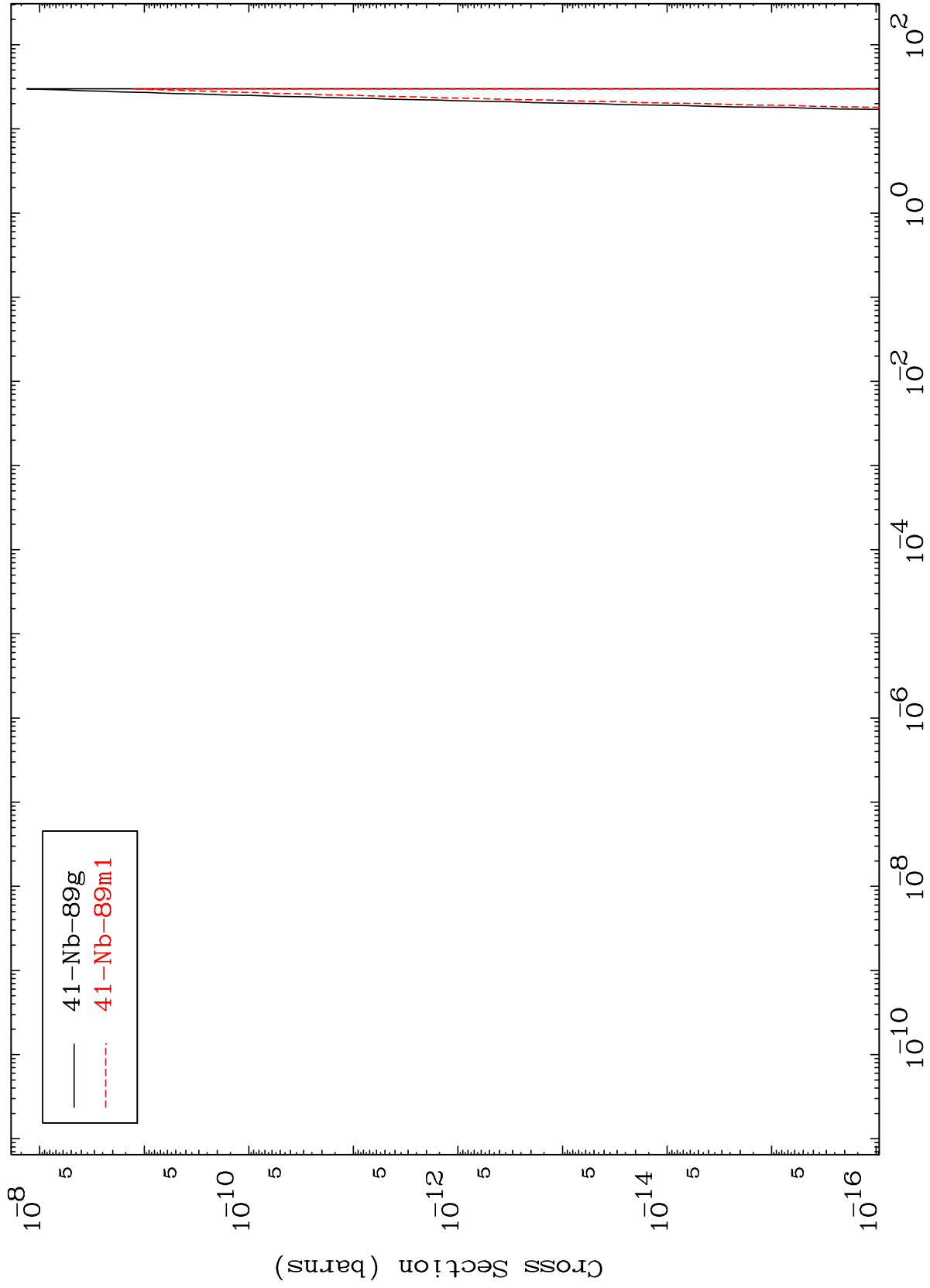


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(n, 3 α)

47-Ag-100

Radionuclide Production Cross Section



Incident Energy (MeV)

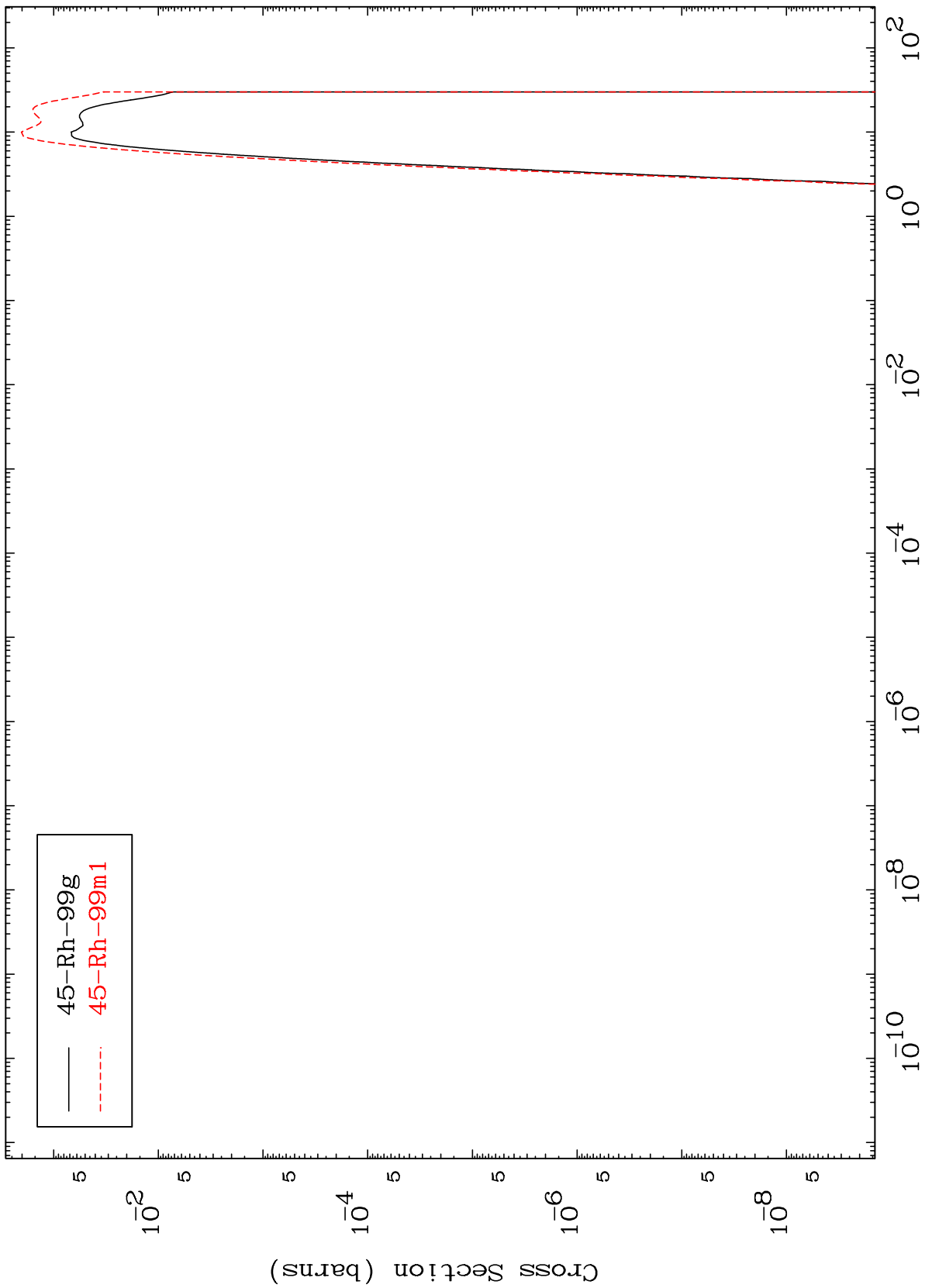
47-Ag-100

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MAT 4705

47-Ag-100

(n,2p)
Radionuclide Production Cross Section



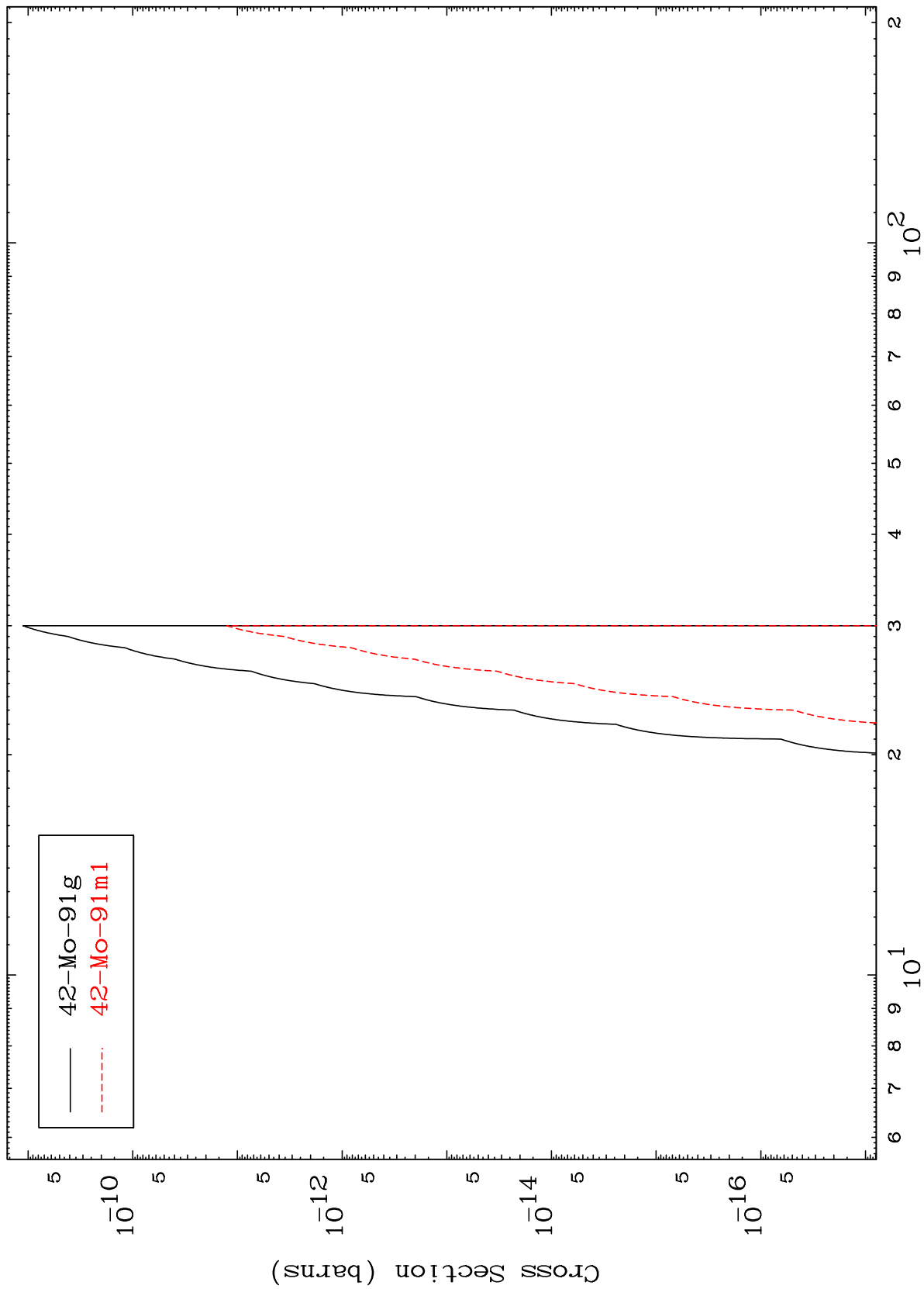
— 45-Rh-99g
- - - 45-Rh-99m1

MAT 4705

(n,d) 2 α

47-Ag-100

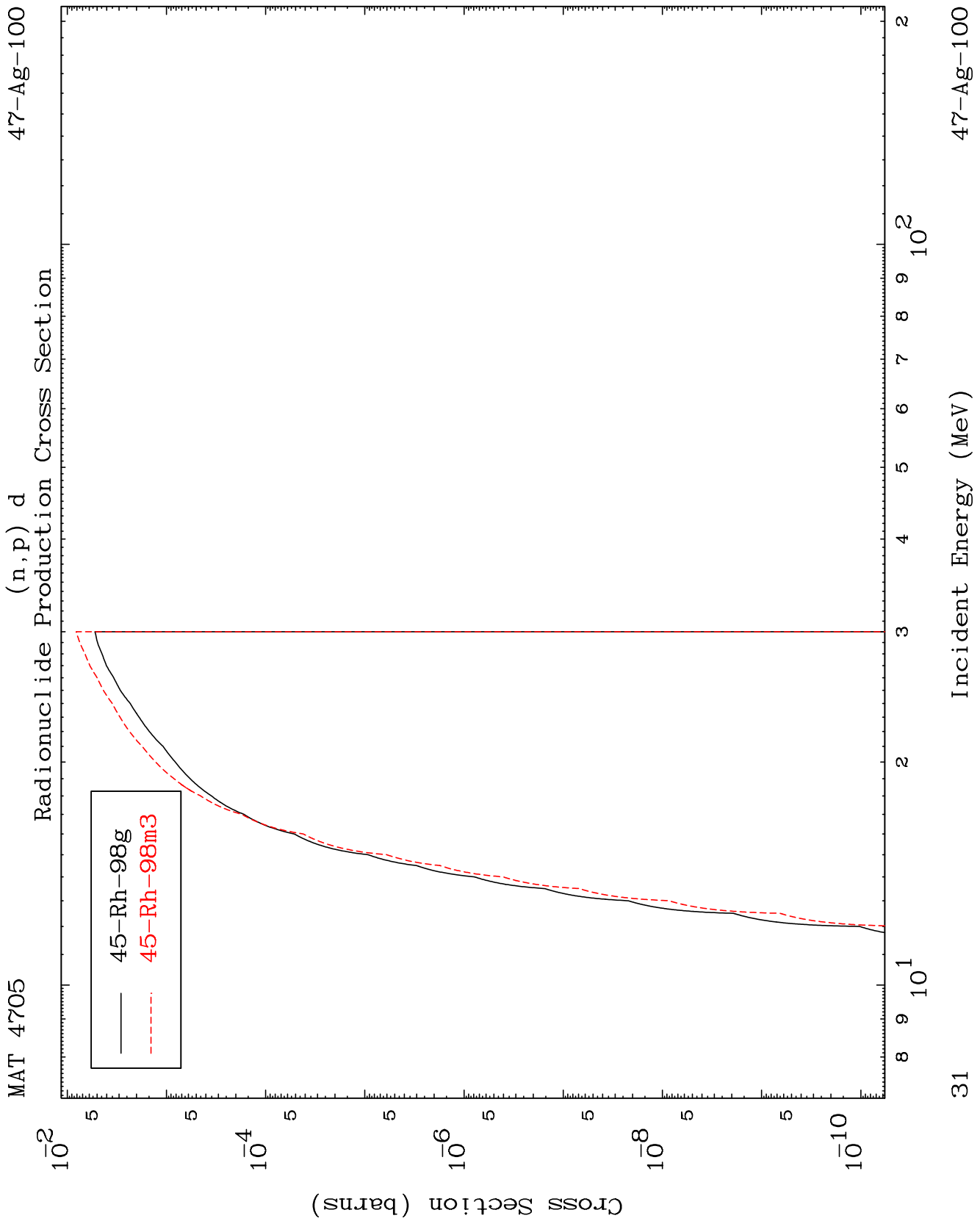
Radionuclide Production Cross Section



30

Incident Energy (MeV)

47-Ag-100

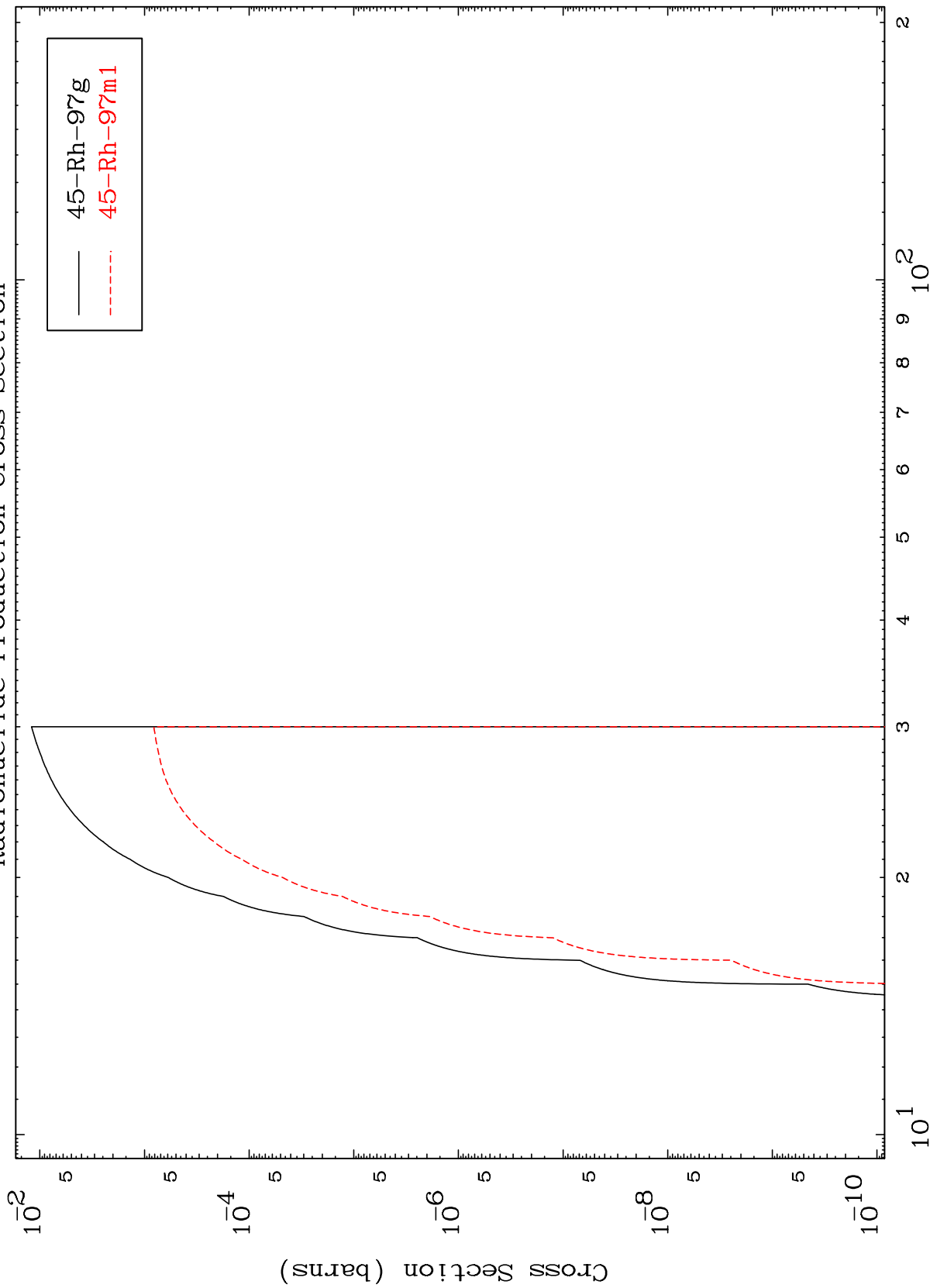


MAT 4705

(n,p) t

47-Ag-100

Radionuclide Production Cross Section



45-Rh-97g
45-Rh-97m1

32

Incident Energy (MeV)

47-Ag-100