

Program EVALPLOT
(Version 2015-2)

by

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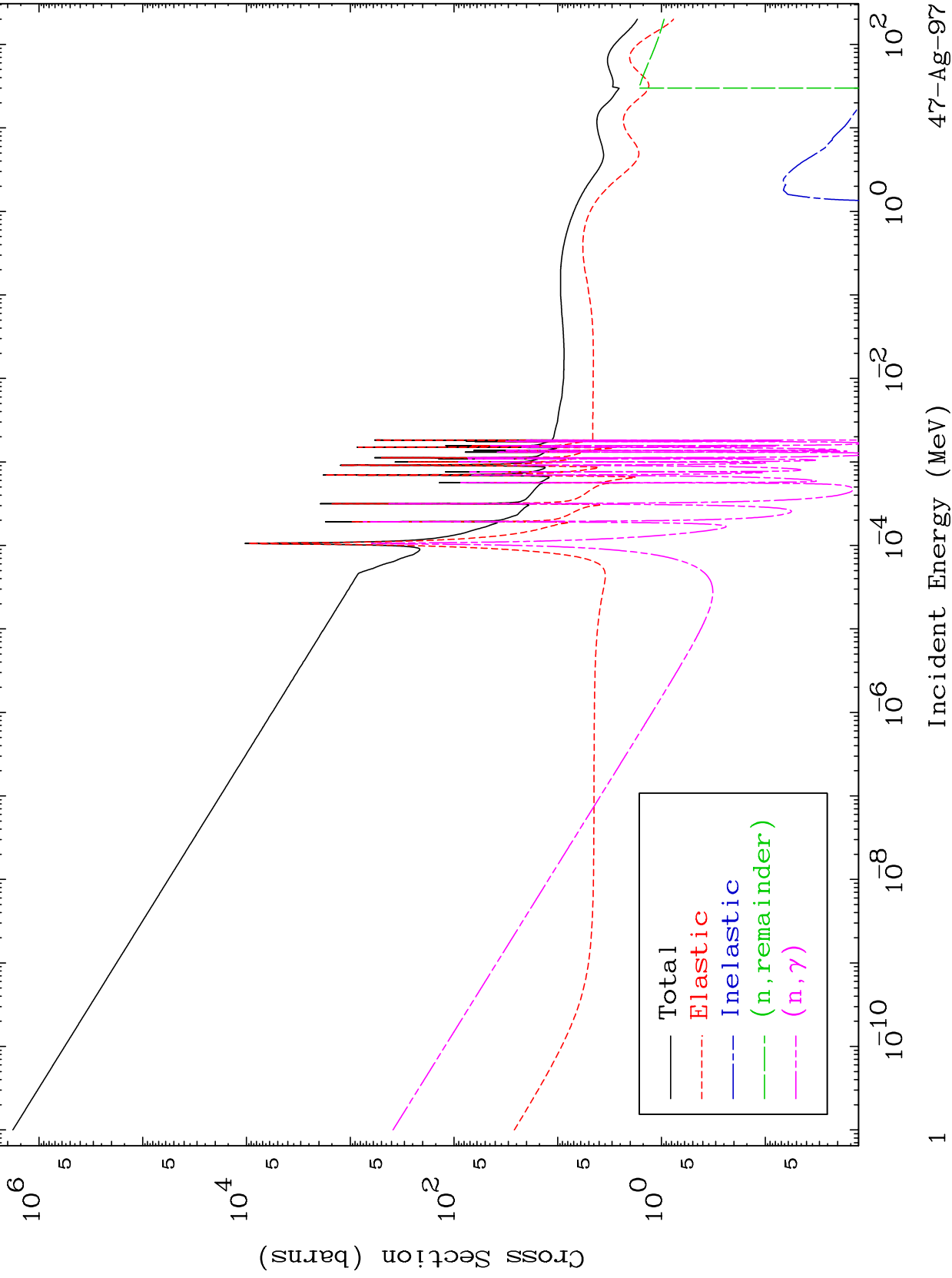
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4695

Major
293 Kelvin Cross Sections

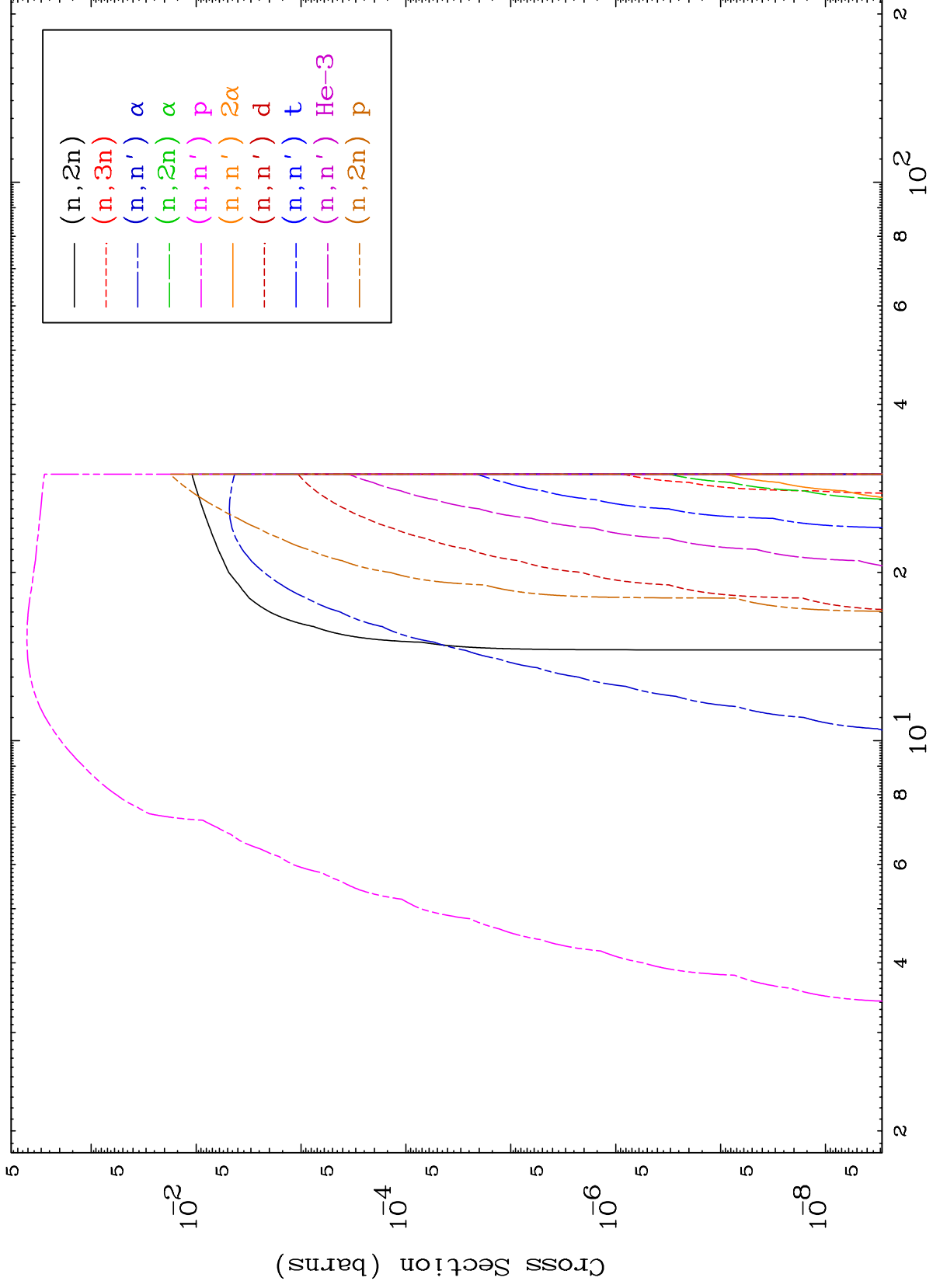
47-Ag-97



MAT 4695

Neutron Production
293 Kelvin Cross Sections

47-Ag-97



2

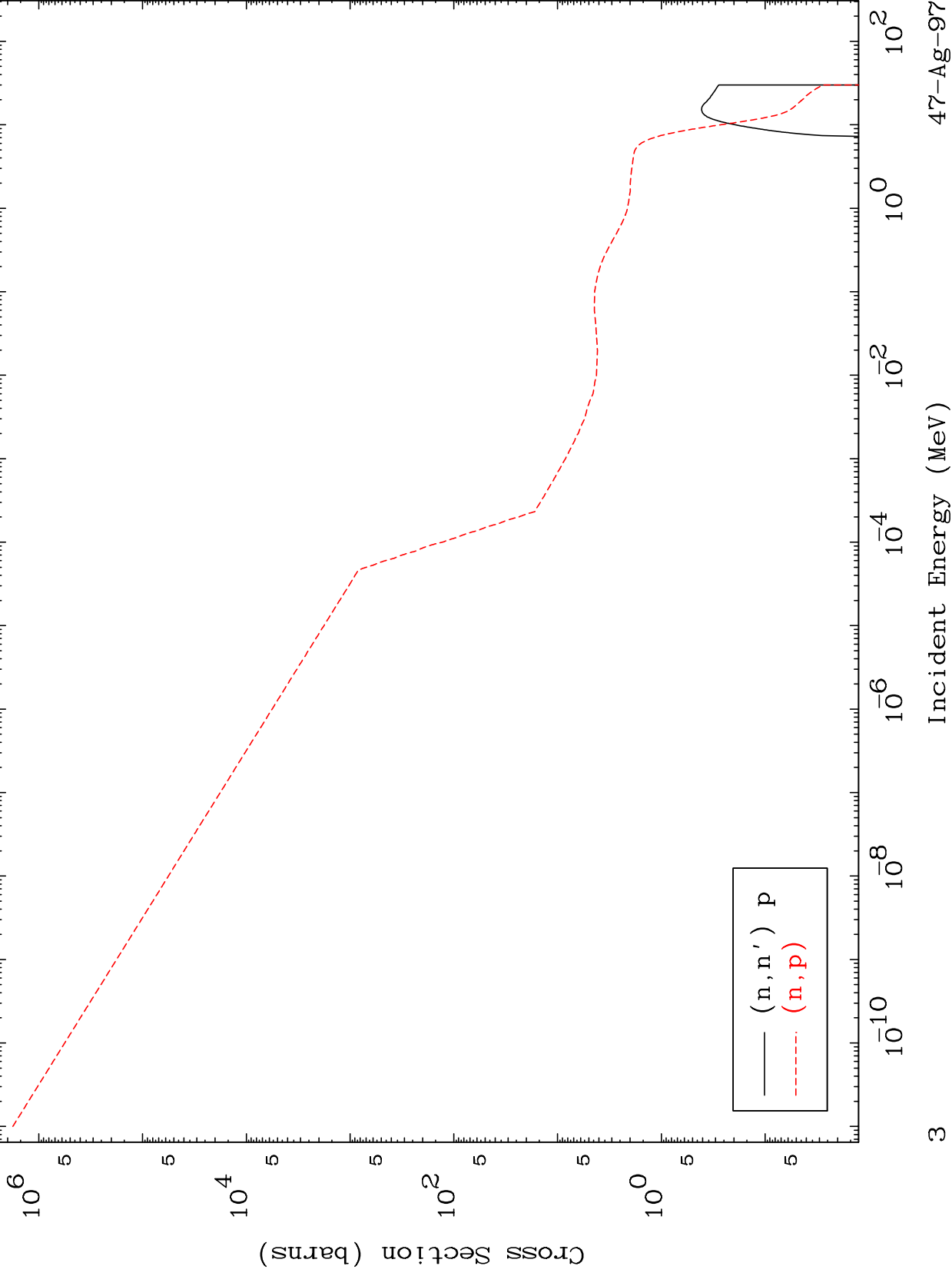
Incident Energy (MeV)

47-Ag-97

MAT 4695

Charged Particle
293 Kelvin Cross Sections

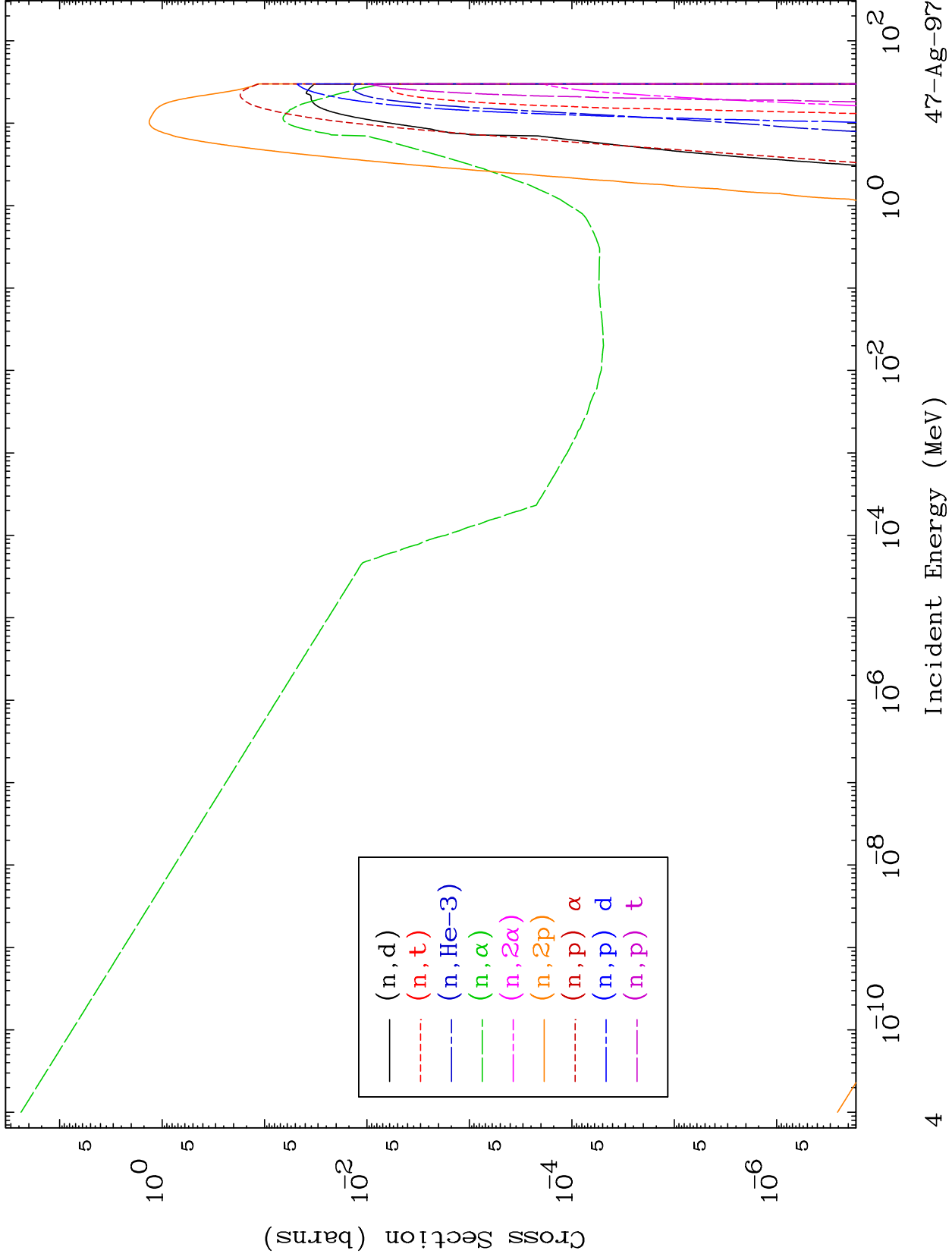
47-Ag-97

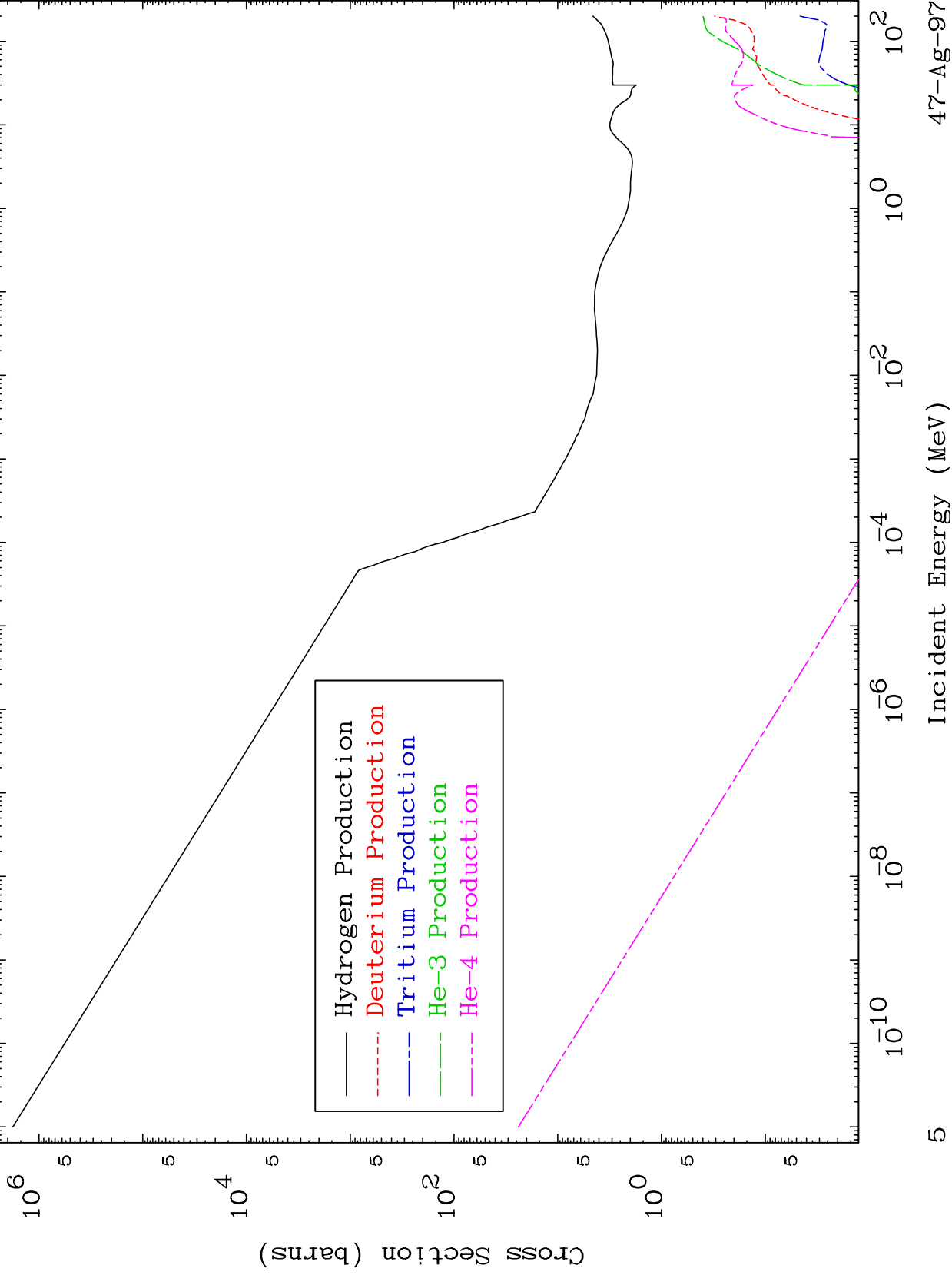


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Charged Particle
293 Kelvin Cross Sections

47-Ag-97



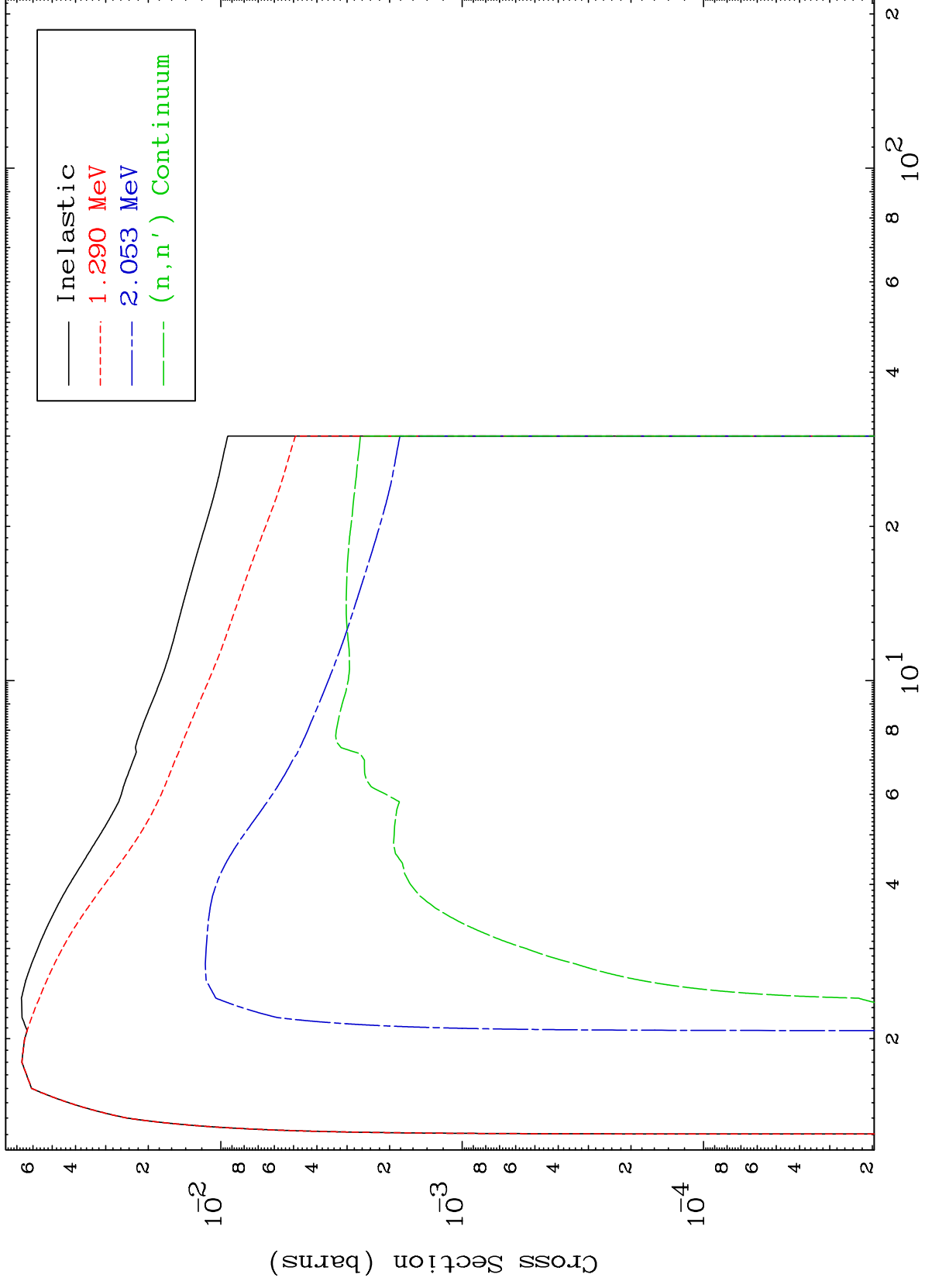


MAT 4695

(n,n') Level

47-Ag-97

293 Kelvin Cross Sections



Legend:
— Inelastic
- - - 1.290 MeV
- - - 2.053 MeV
- - - (n,n') Continuum

6

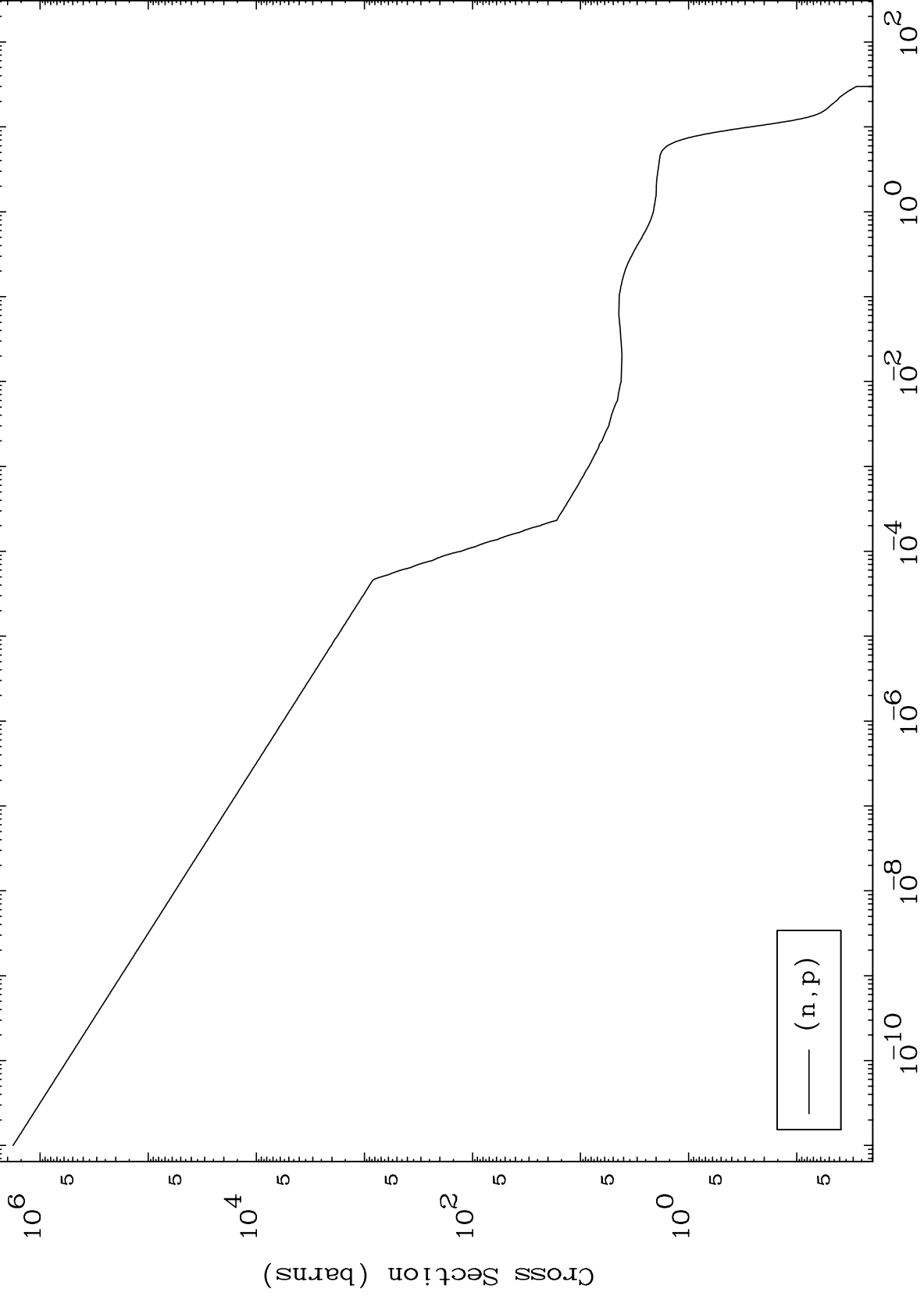
Incident Energy (MeV)

47-Ag-97

MAT 4695

(n,p) Levels
293 Kelvin Cross Sections

47-Ag-97



(n,p)

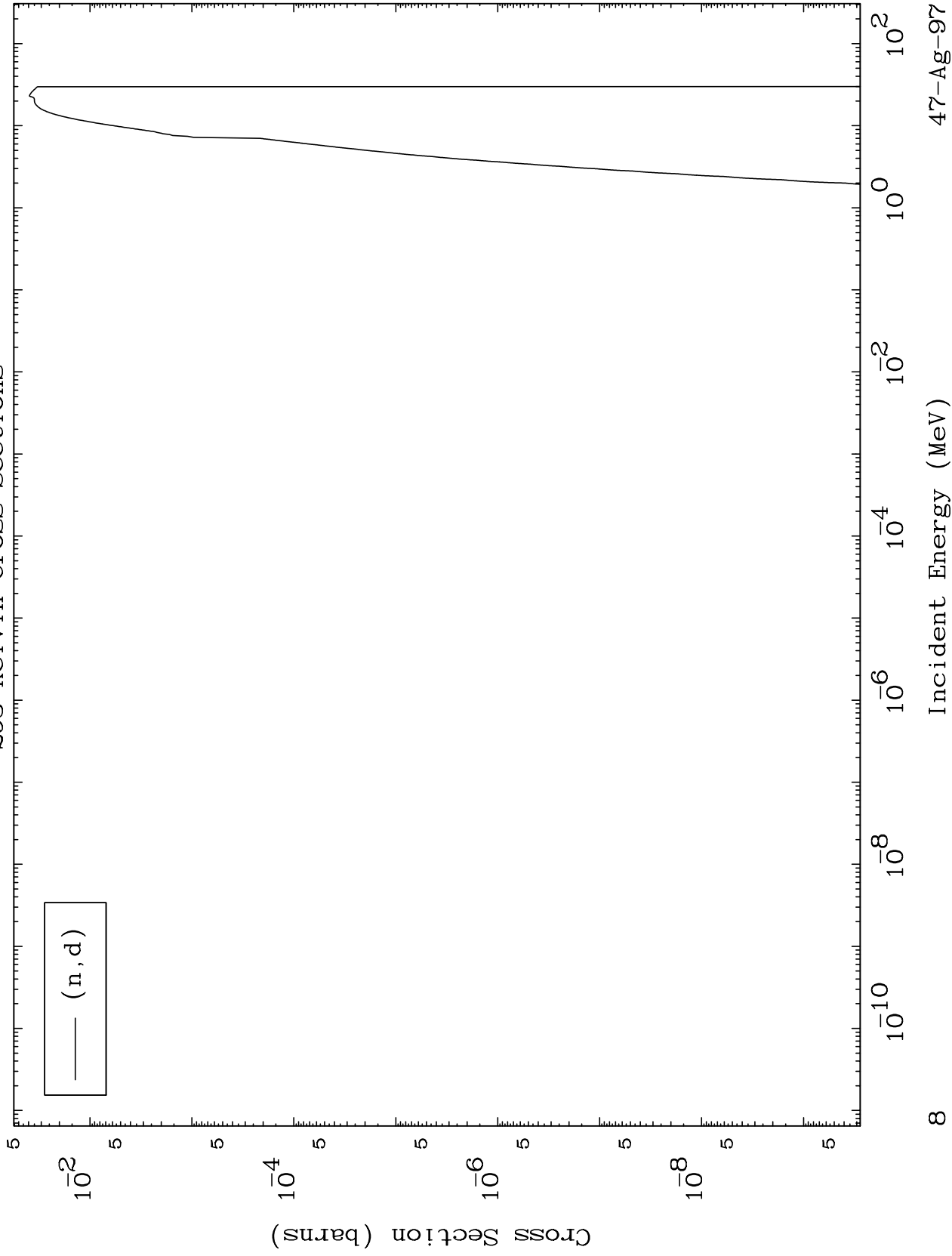
47-Ag-97

Incident Energy (MeV)

MAT 4695

(n,d) Levels
293 Kelvin Cross Sections

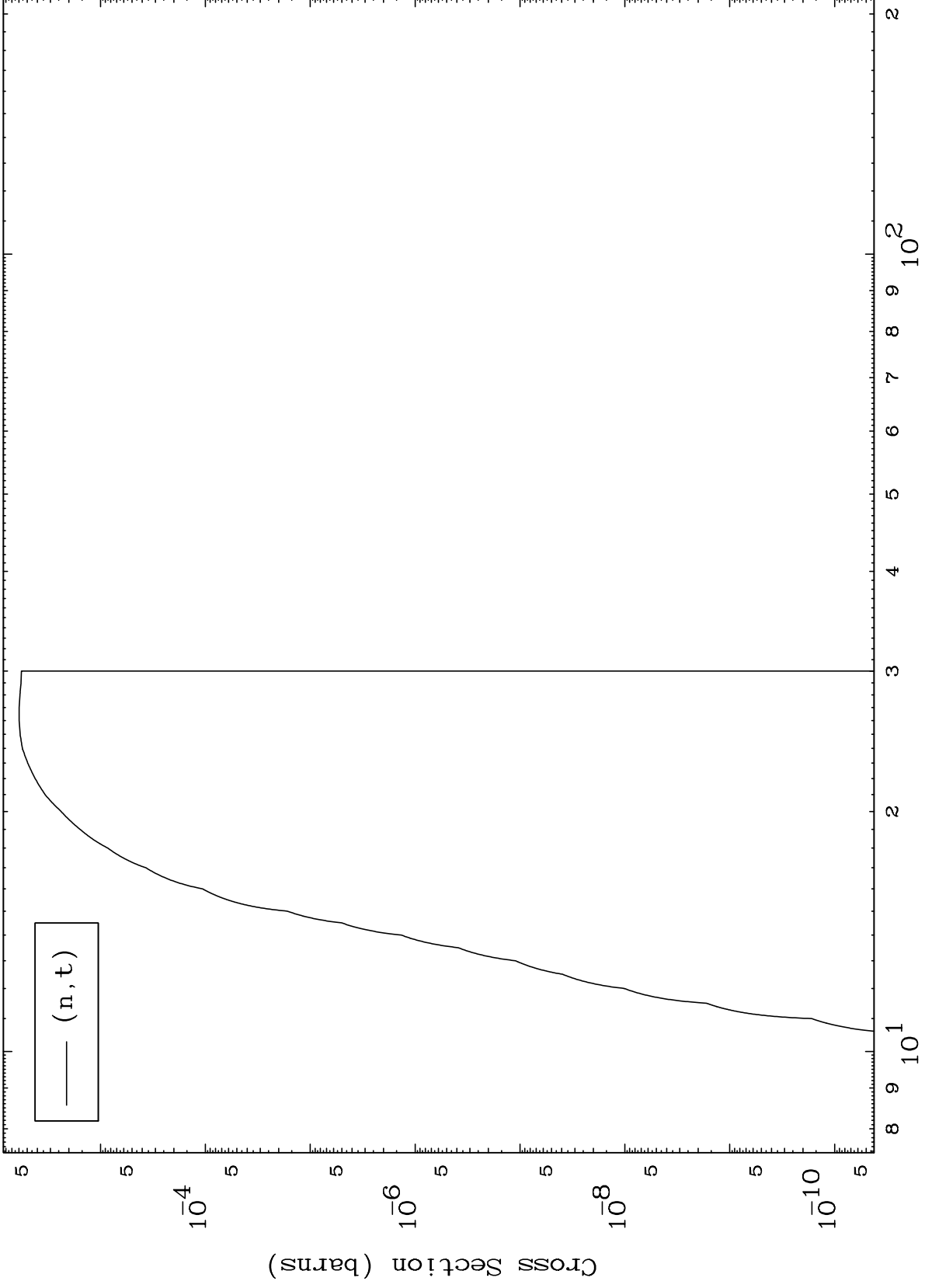
47-Ag-97



MAT 4695

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-97



9

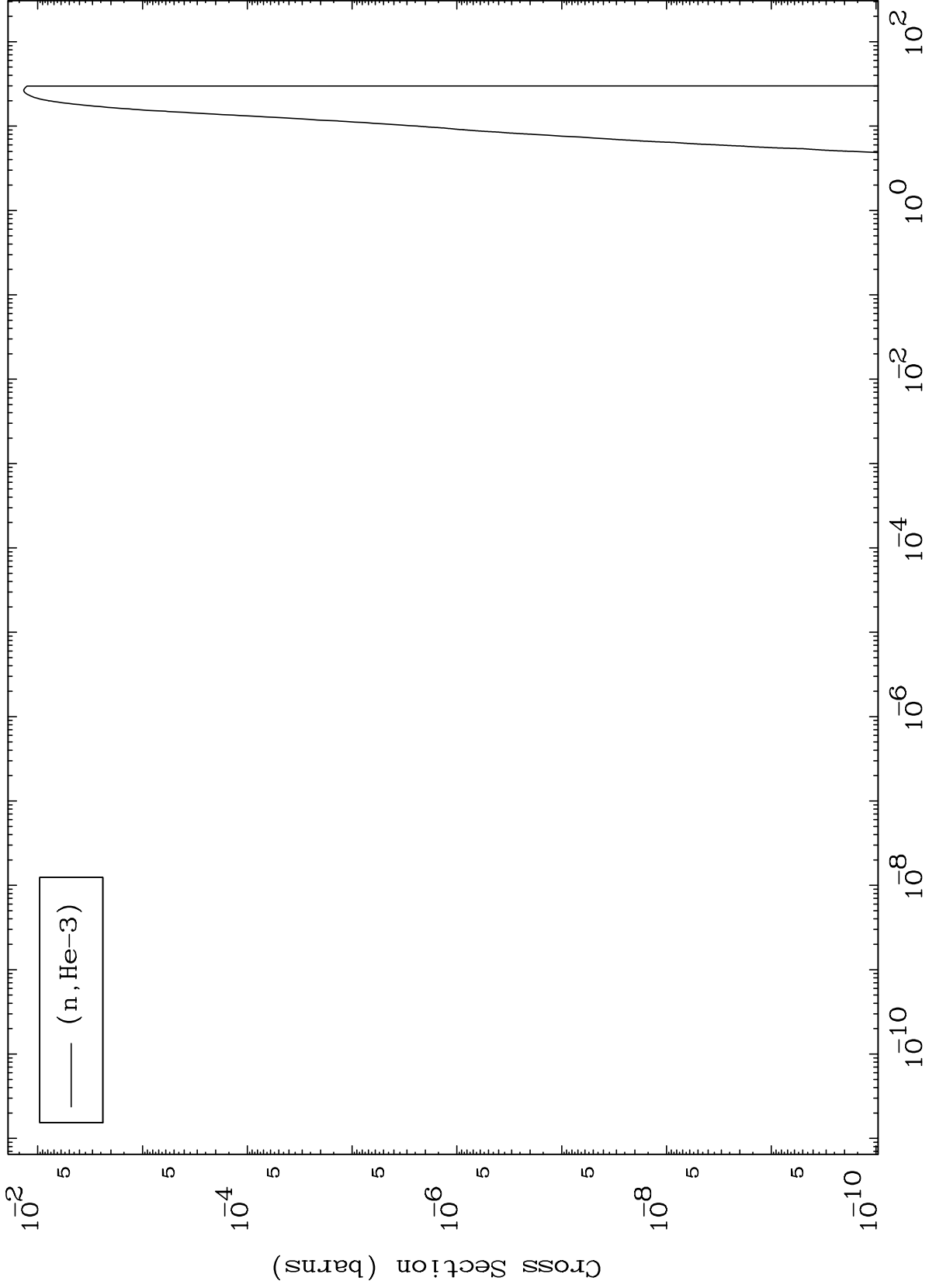
Incident Energy (MeV)

47-Ag-97

MAT 4695

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-97



10

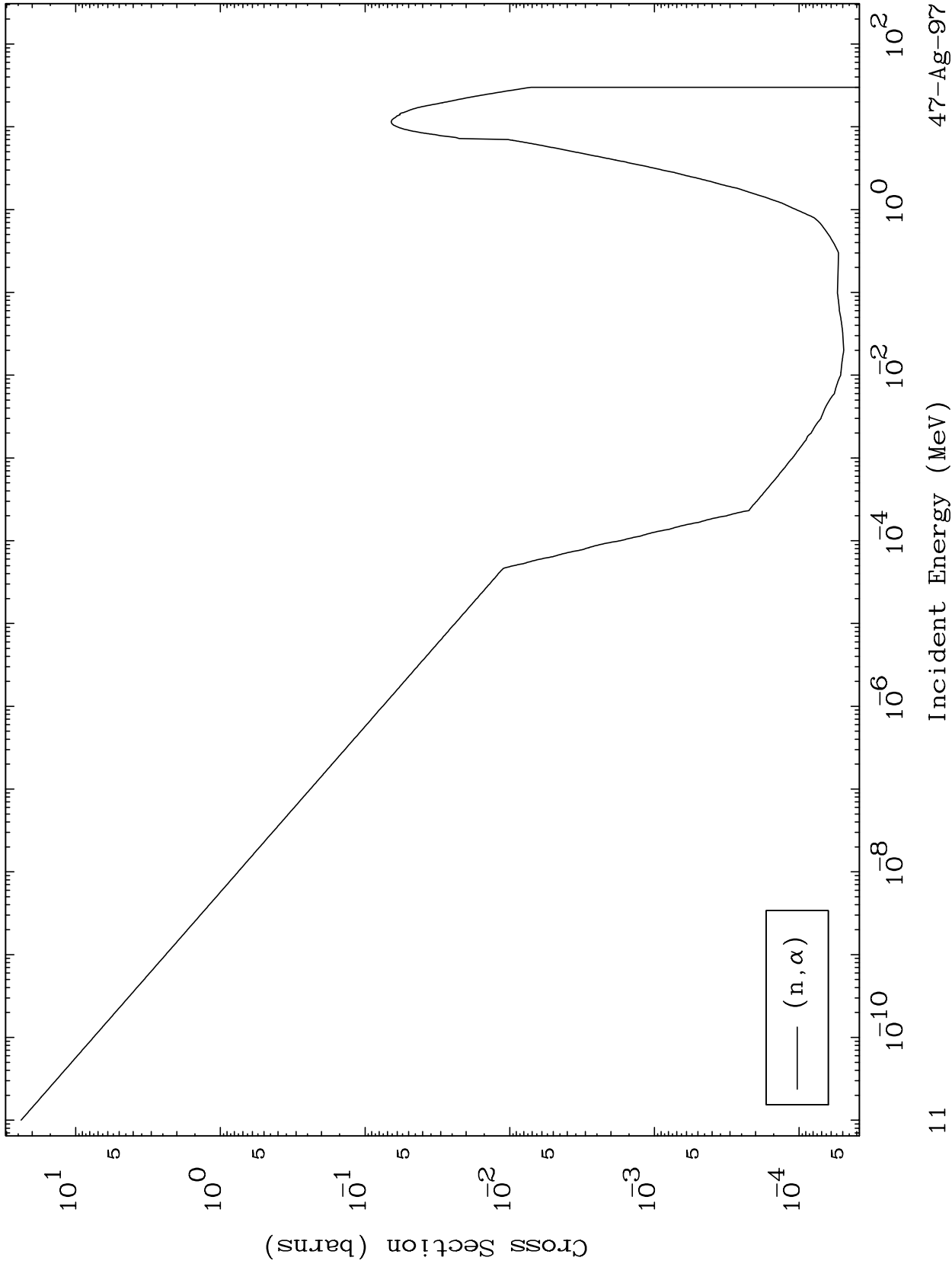
Incident Energy (MeV)

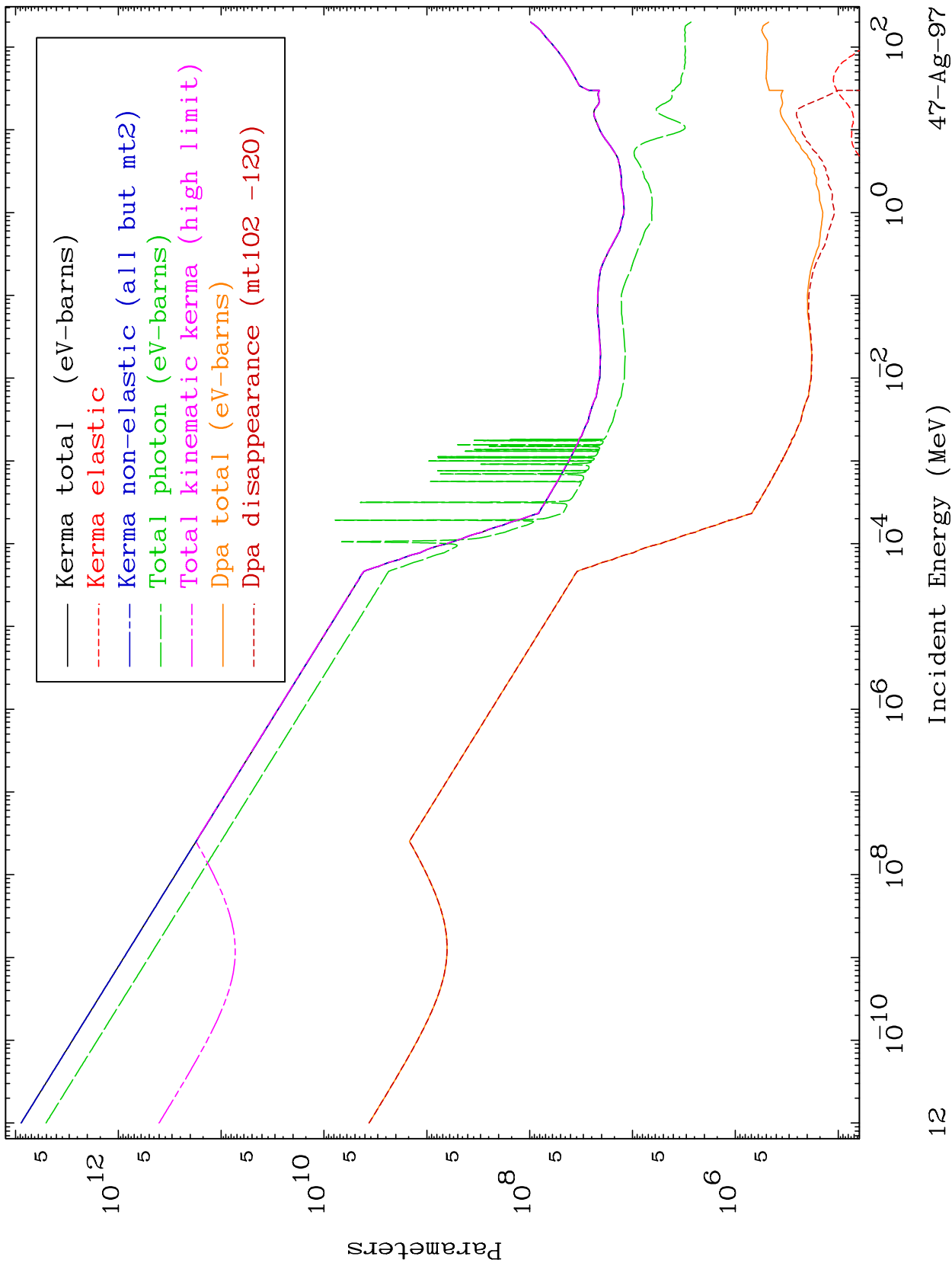
47-Ag-97

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(n,α) Levels
293 Kelvin Cross Sections

47-Ag-97

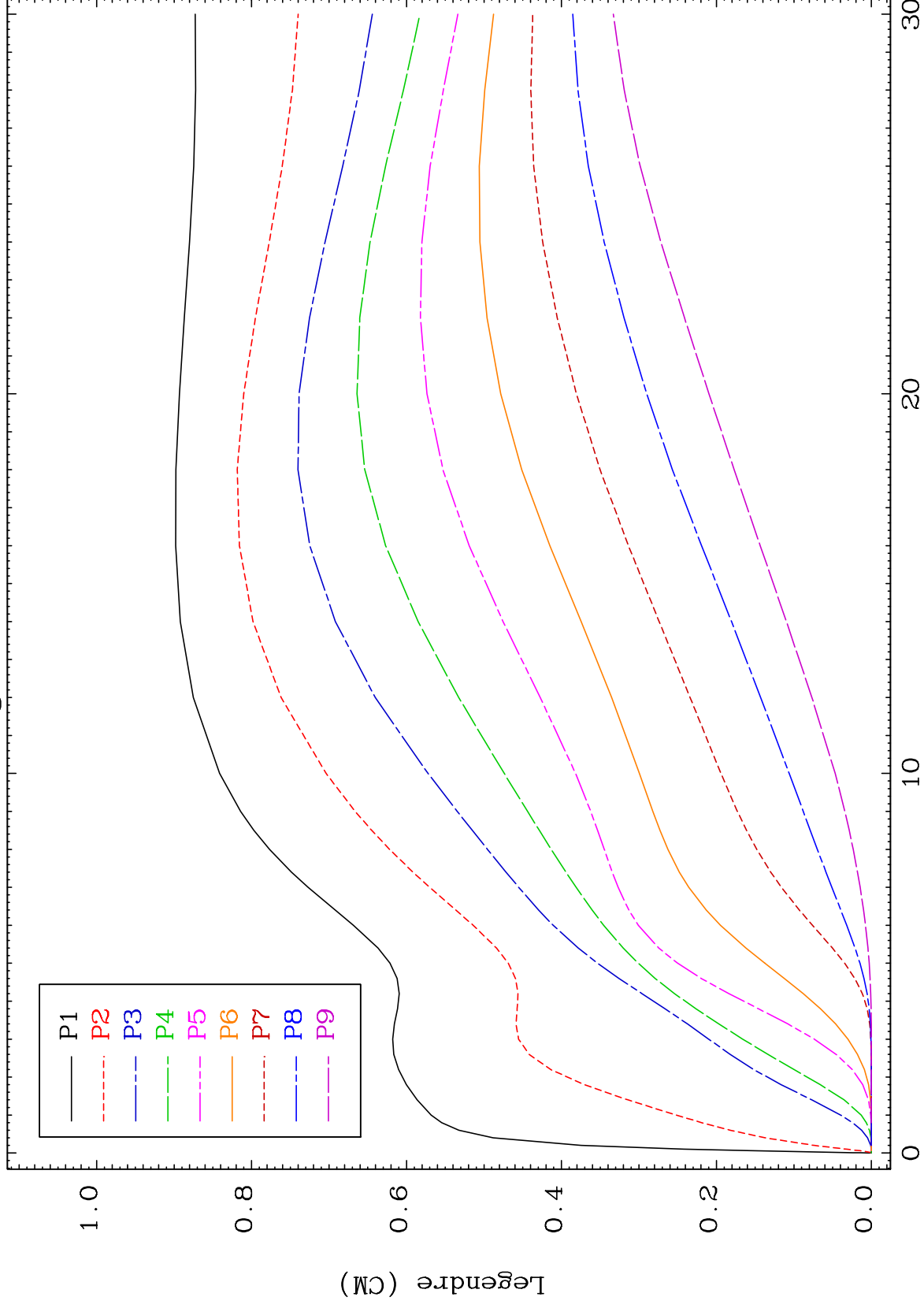




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Elastic Legendre Coefficients

47-Ag-97



13

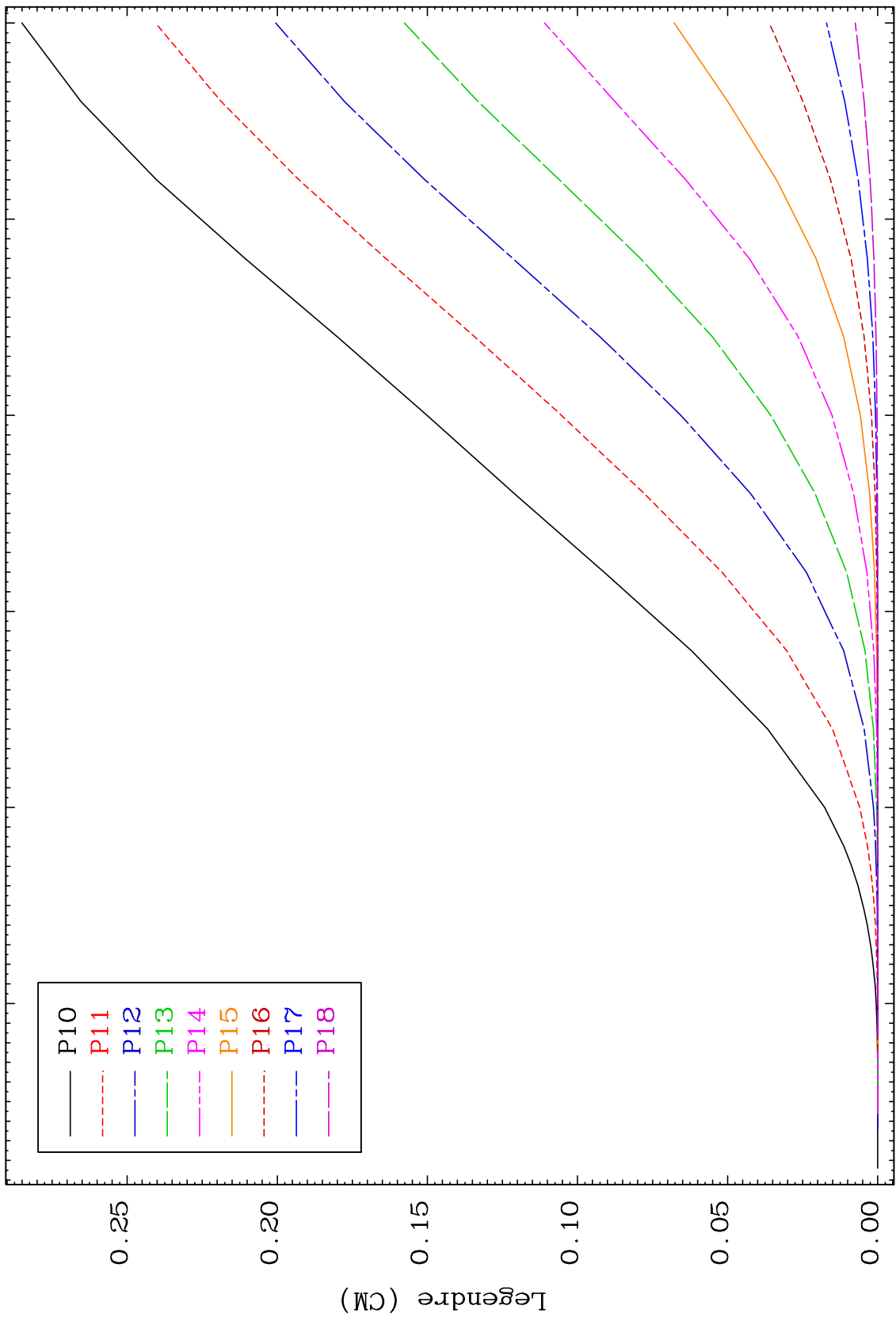
Incident Energy (MeV)

47-Ag-97

MAT 4695

Elastic Legendre Coefficients

47-Ag-97



14

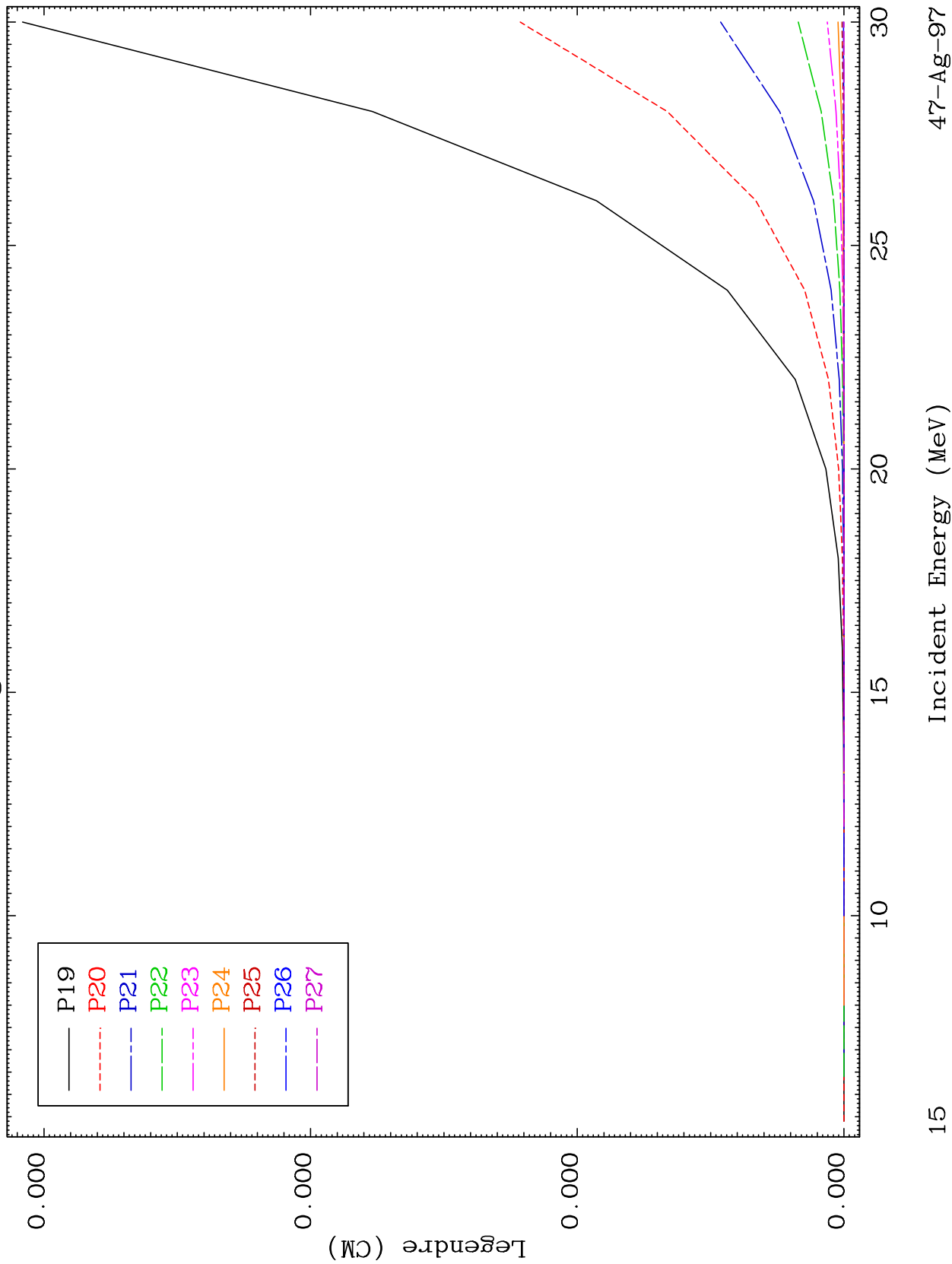
47-Ag-97

Incident Energy (MeV)

MAT 4695

Elastic Legendre Coefficients

47-Ag-97



15

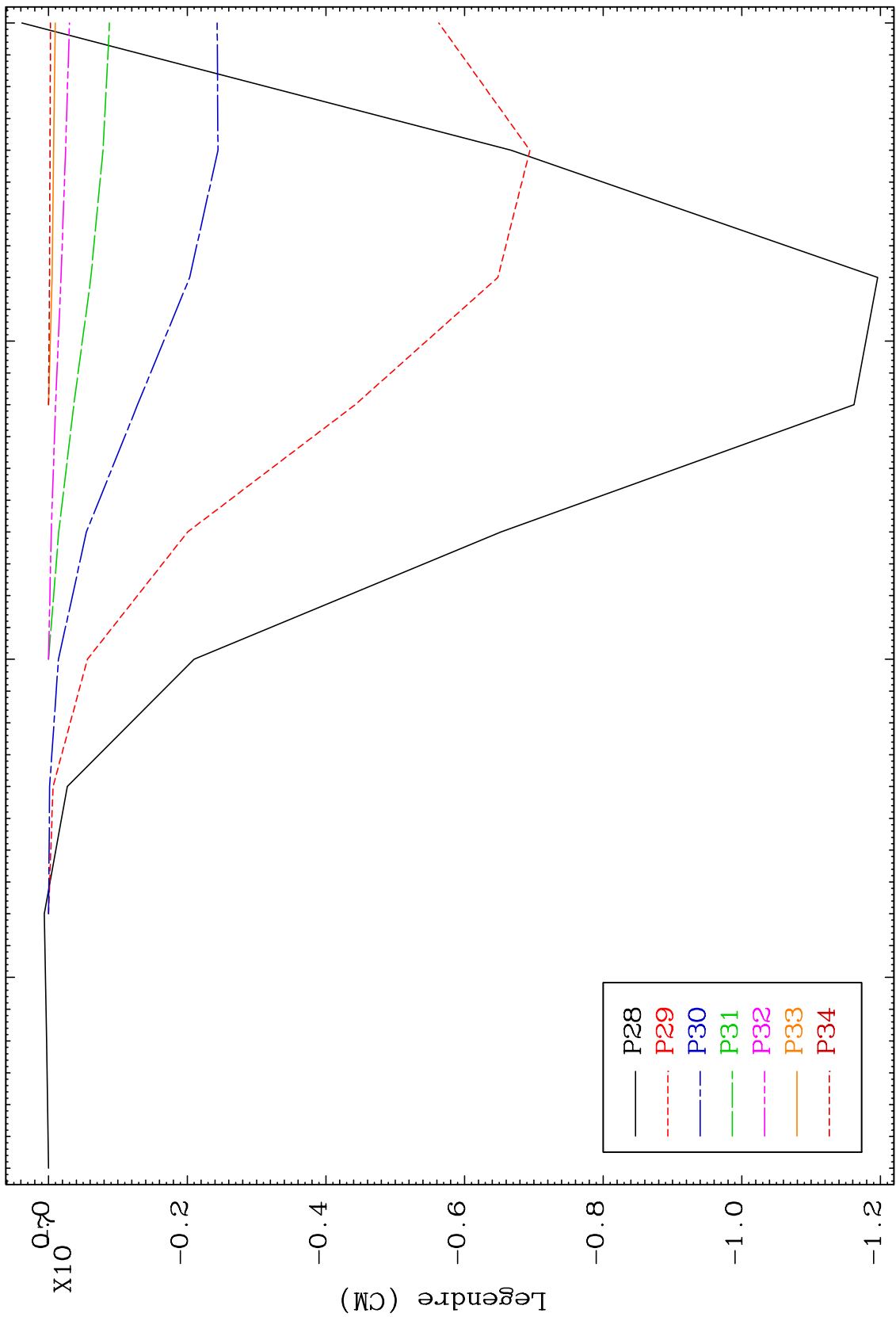
Incident Energy (MeV)

47-Ag-97

MAT 4695

47-Ag-97

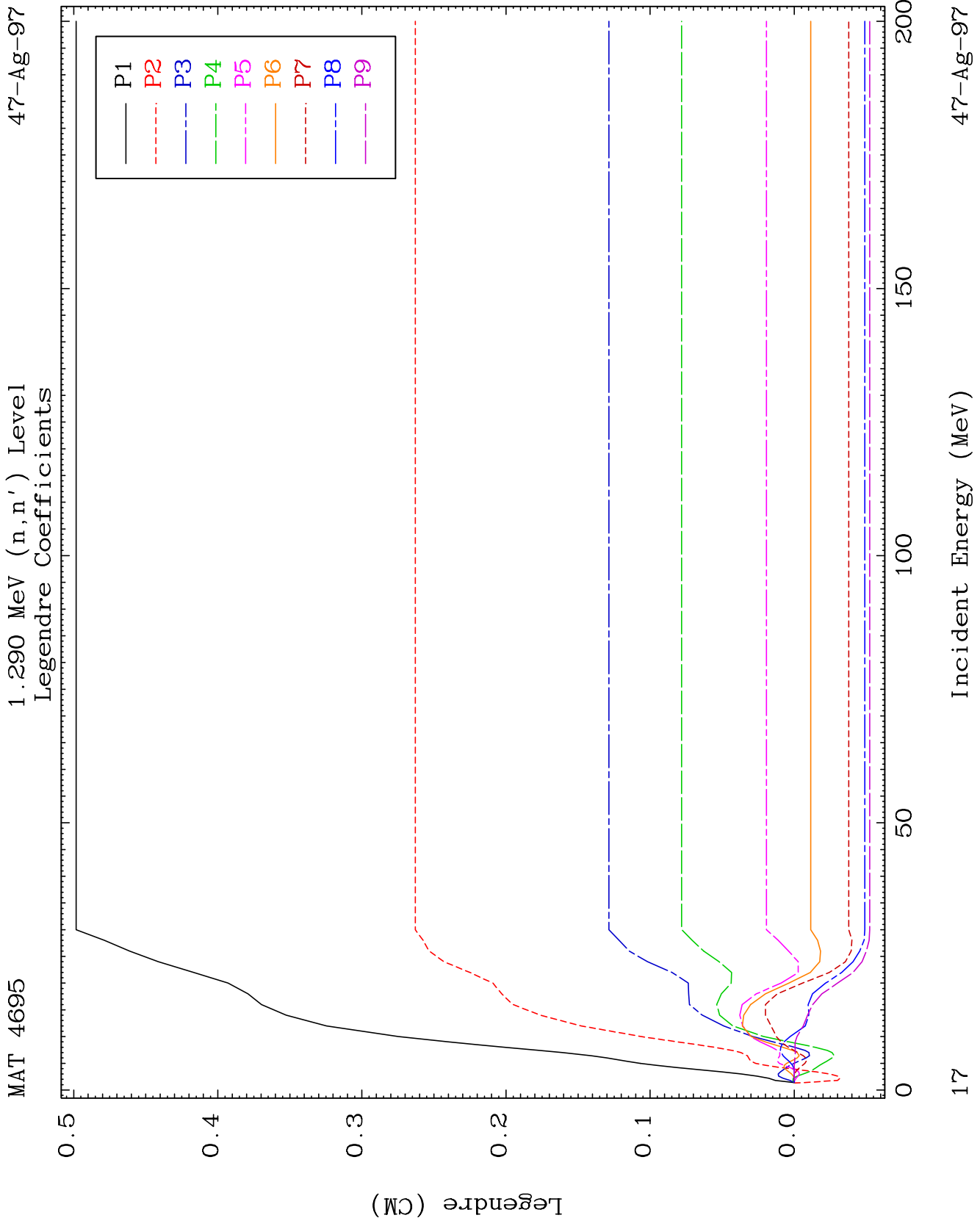
Elastic Legendre Coefficients



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Incident Energy (MeV)

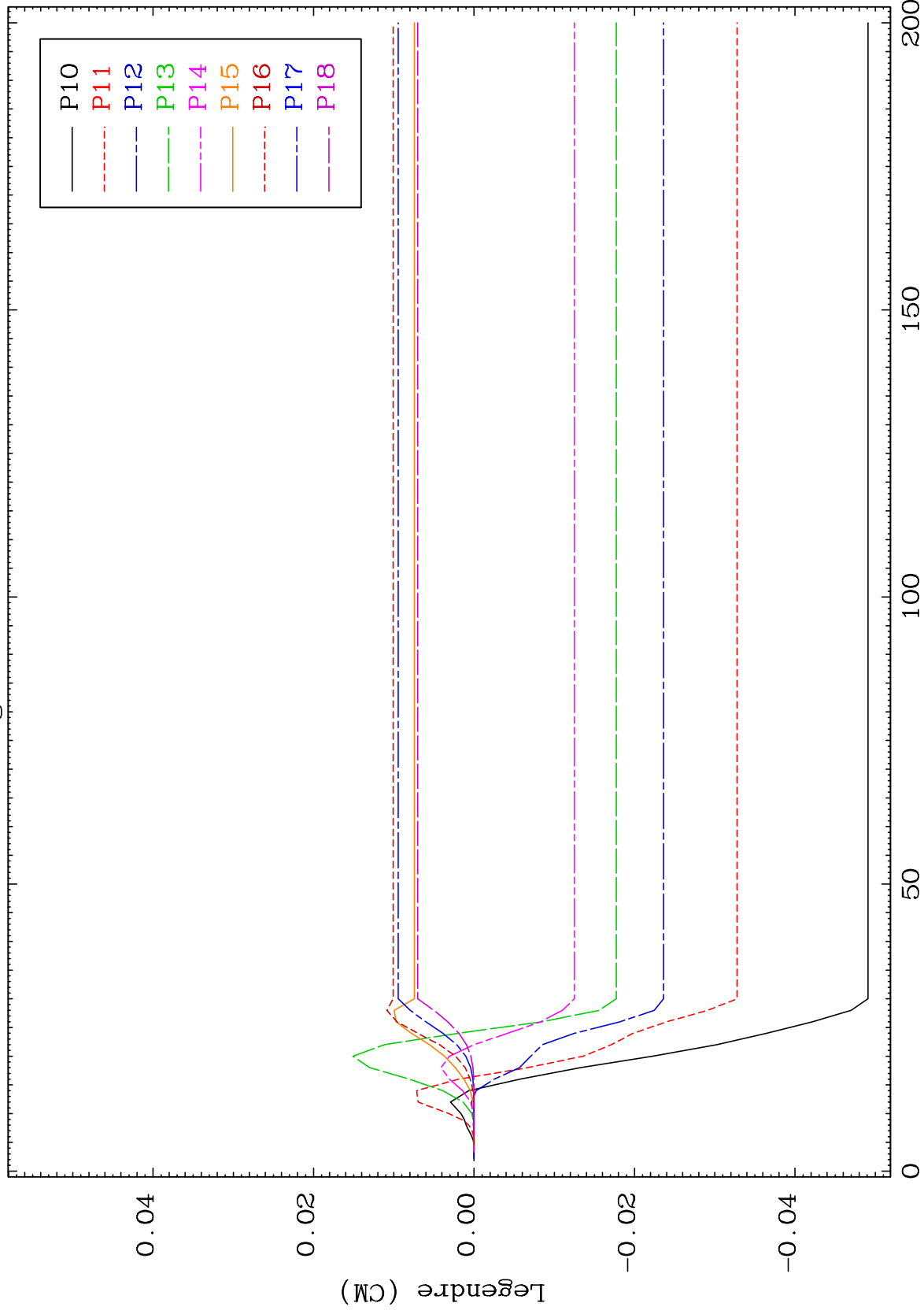
47-Ag-97



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1.290 MeV (n,n') Level
Legendre Coefficients

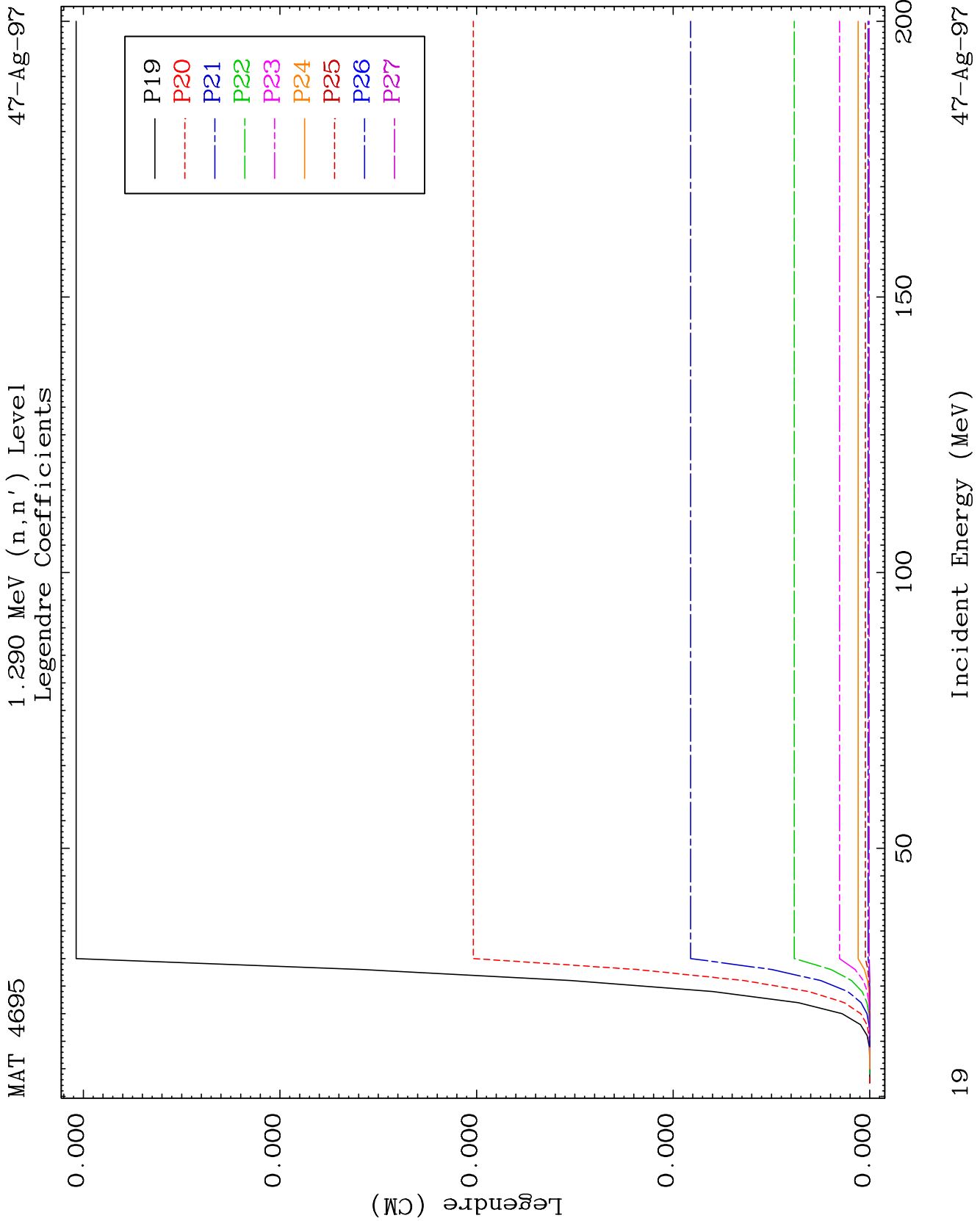
47-Ag-97

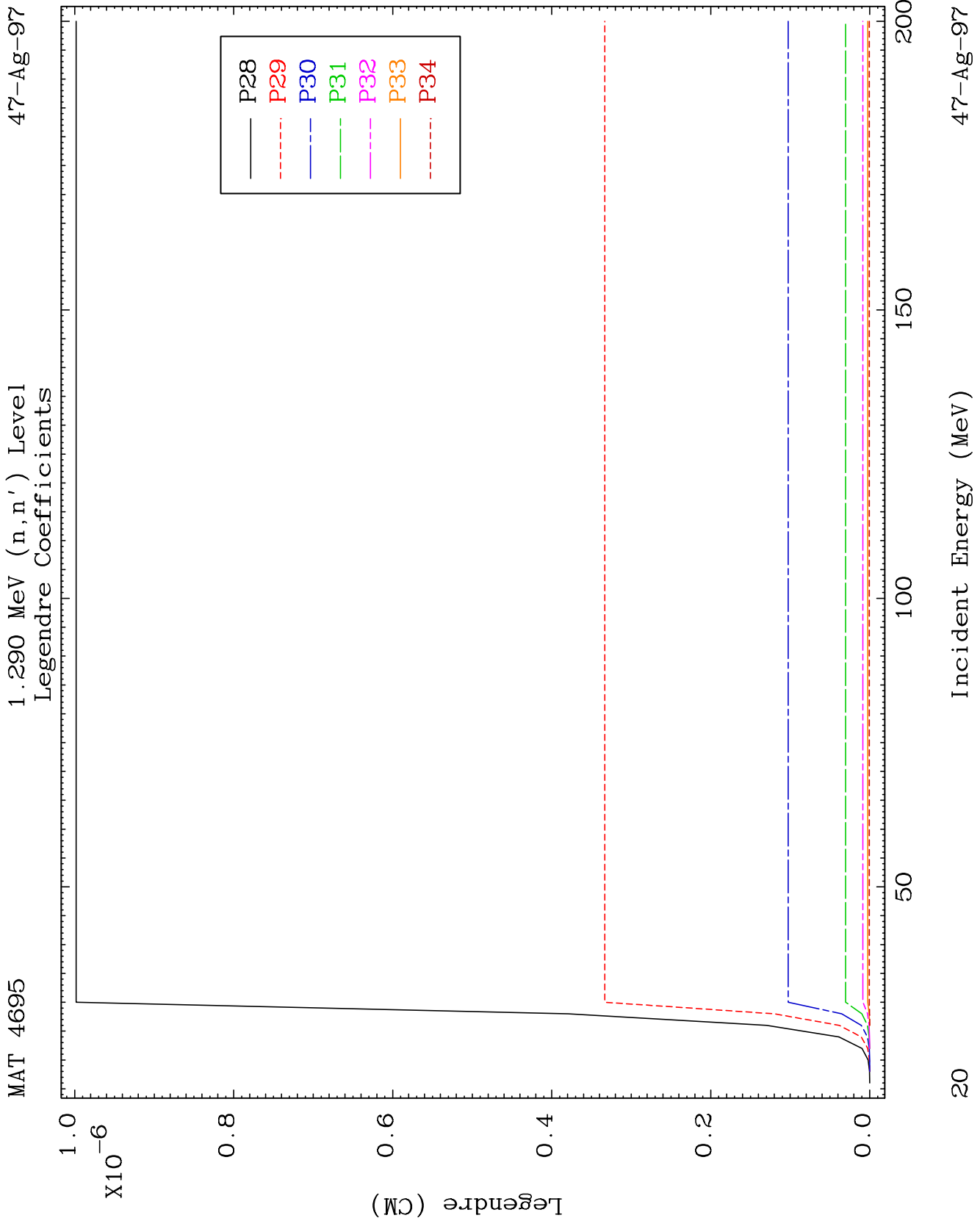


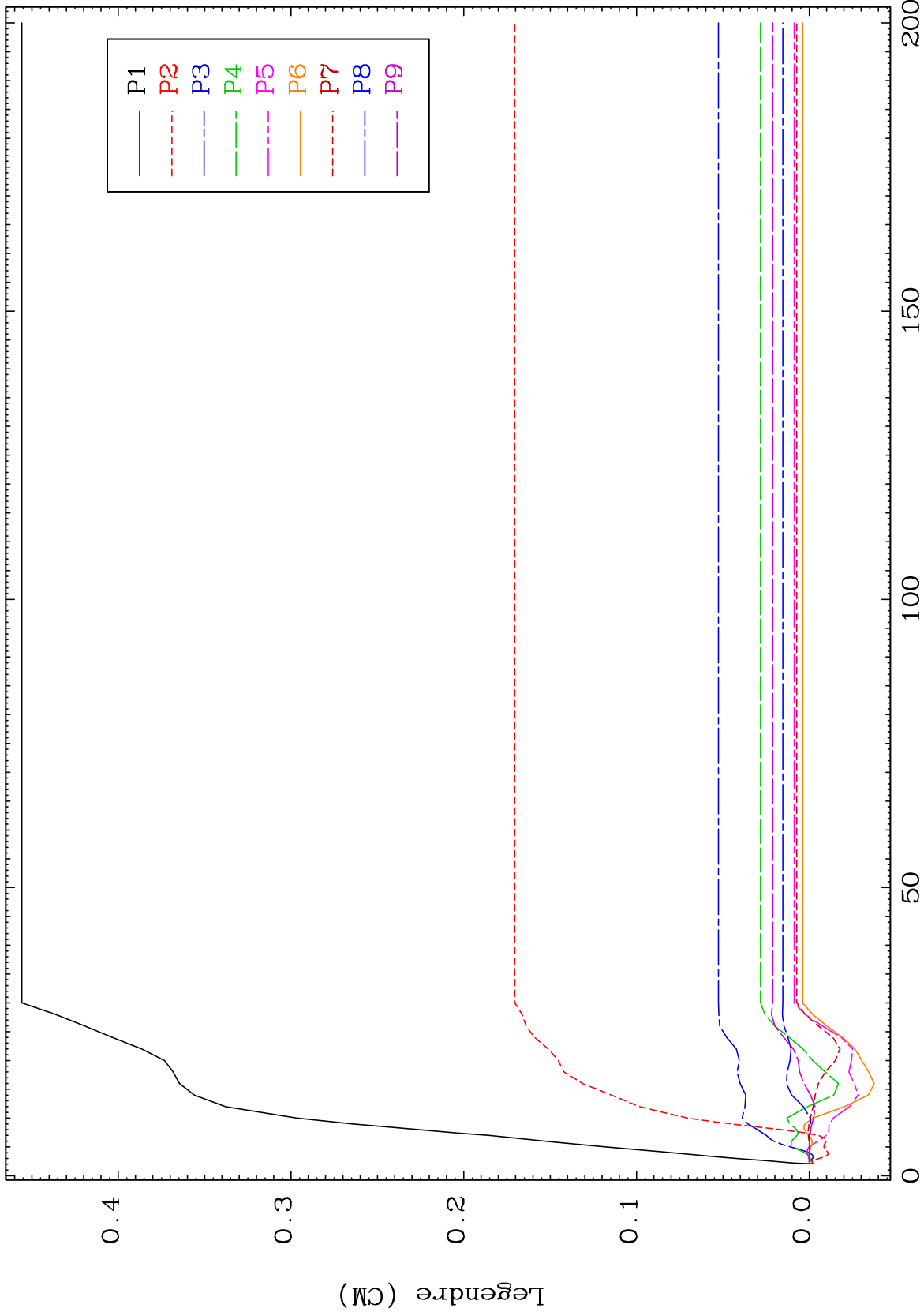
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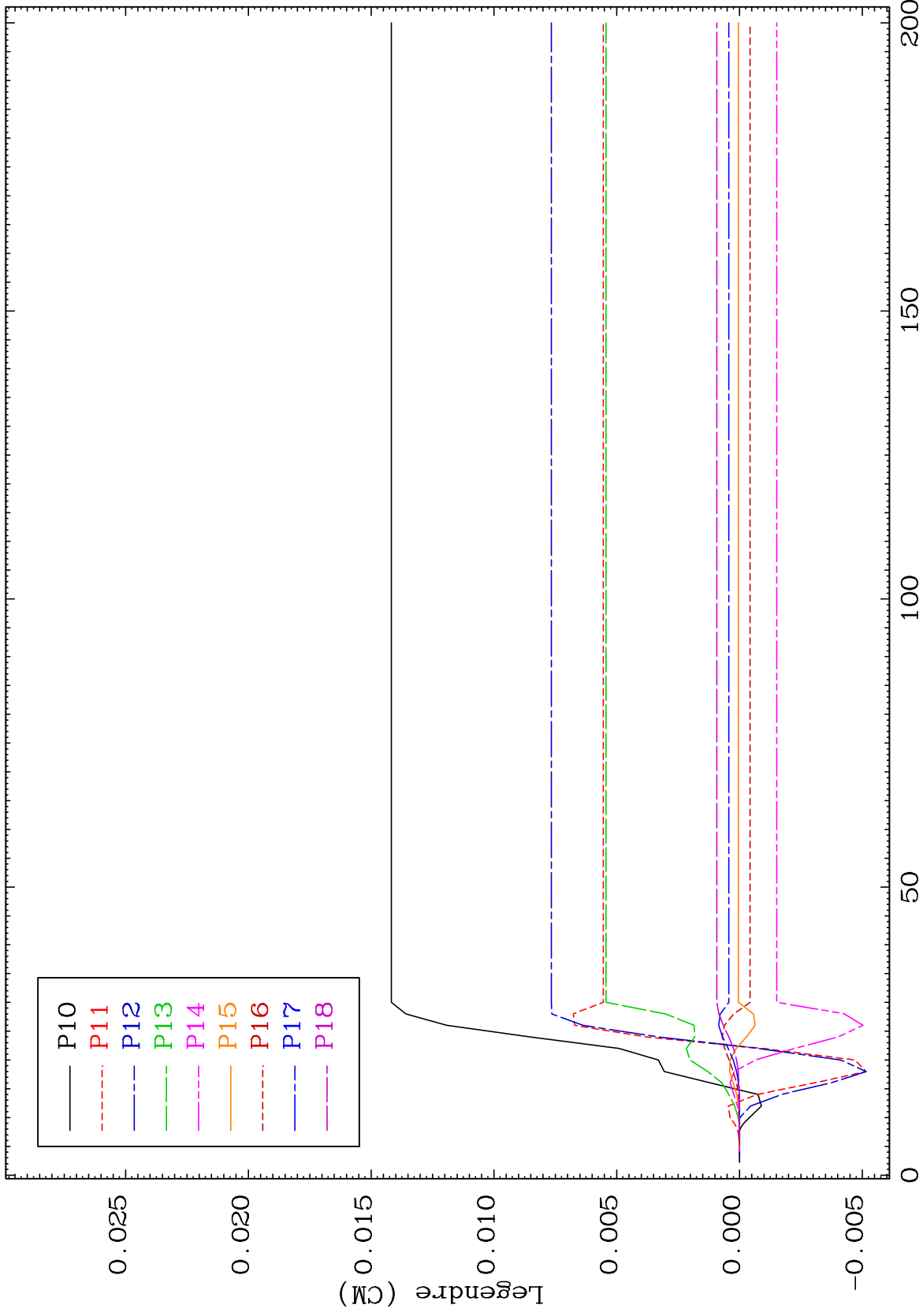
Incident Energy (MeV)

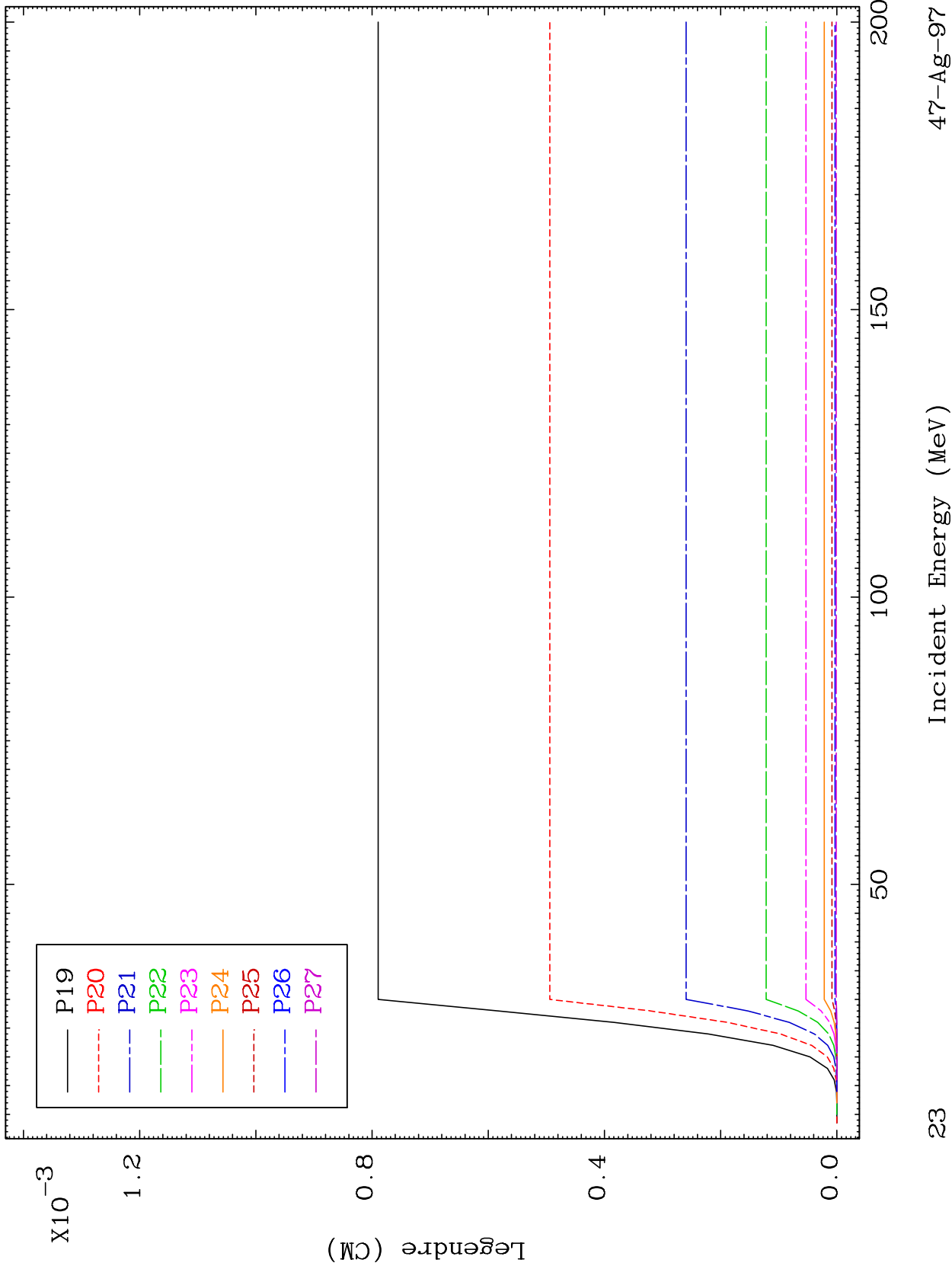
47-Ag-97







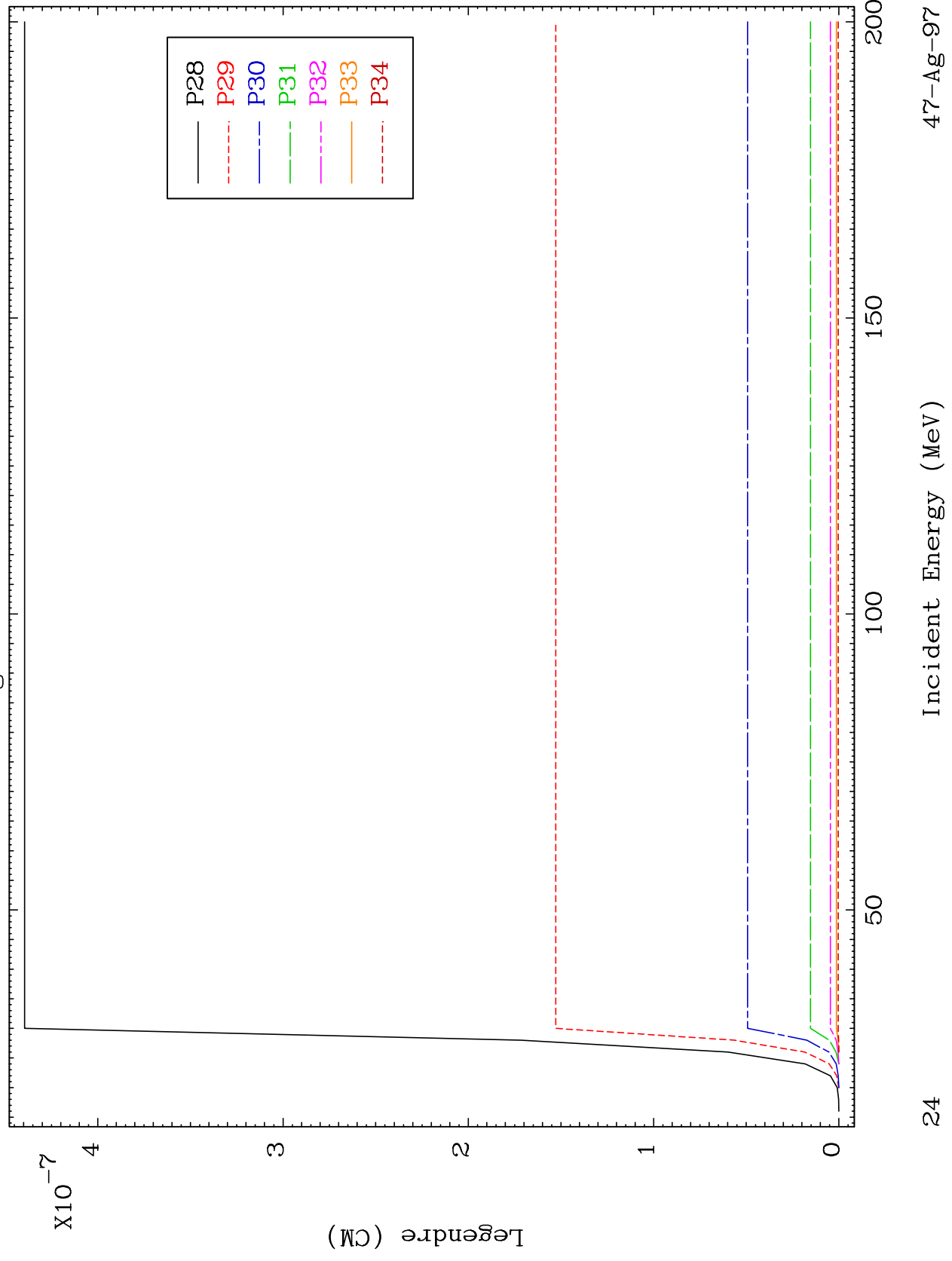




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2.053 MeV (n,n') Level
Legendre Coefficients

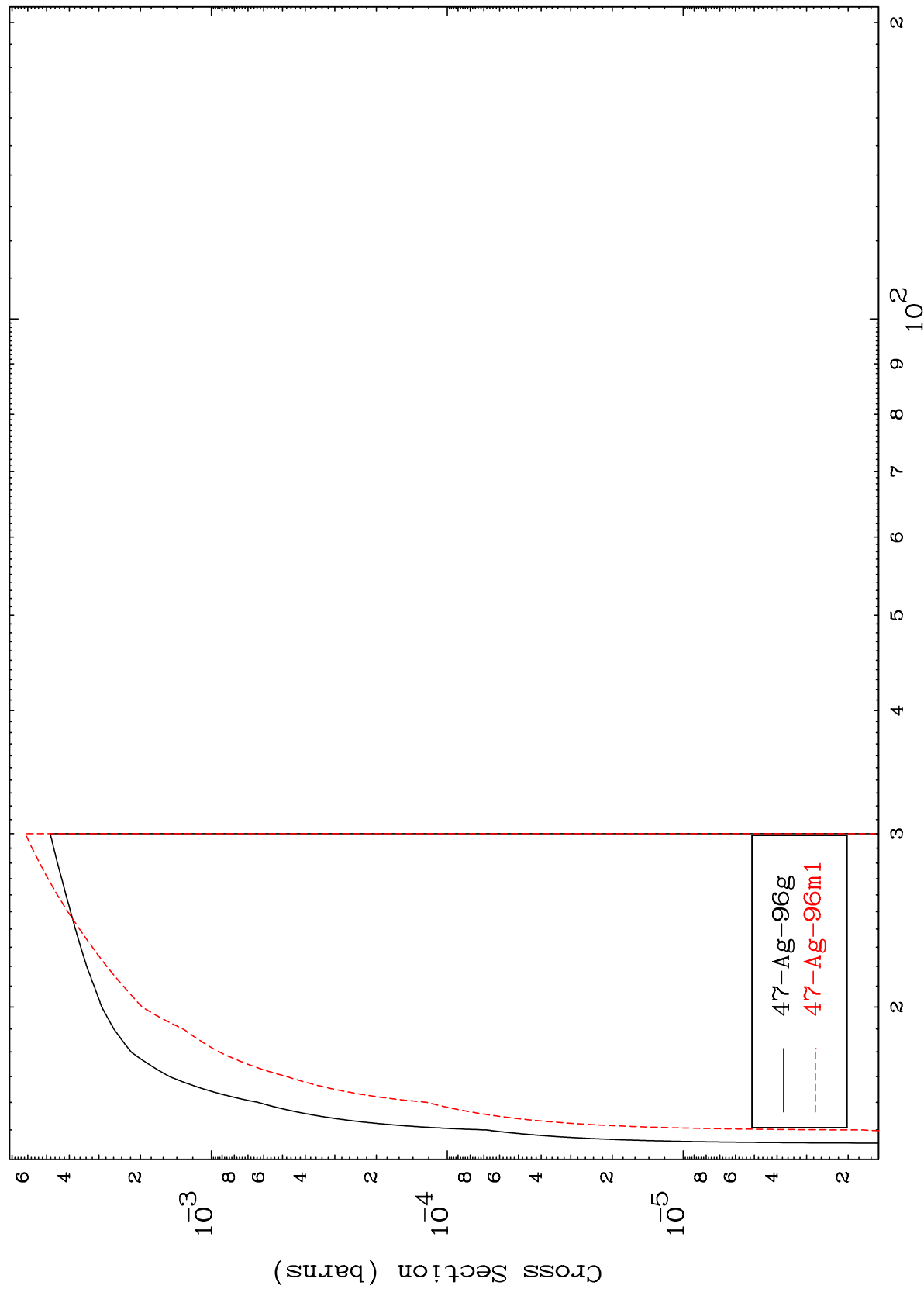
47-Ag-97



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47-Ag-97

(n,2n)
Radionuclide Production Cross Section



25

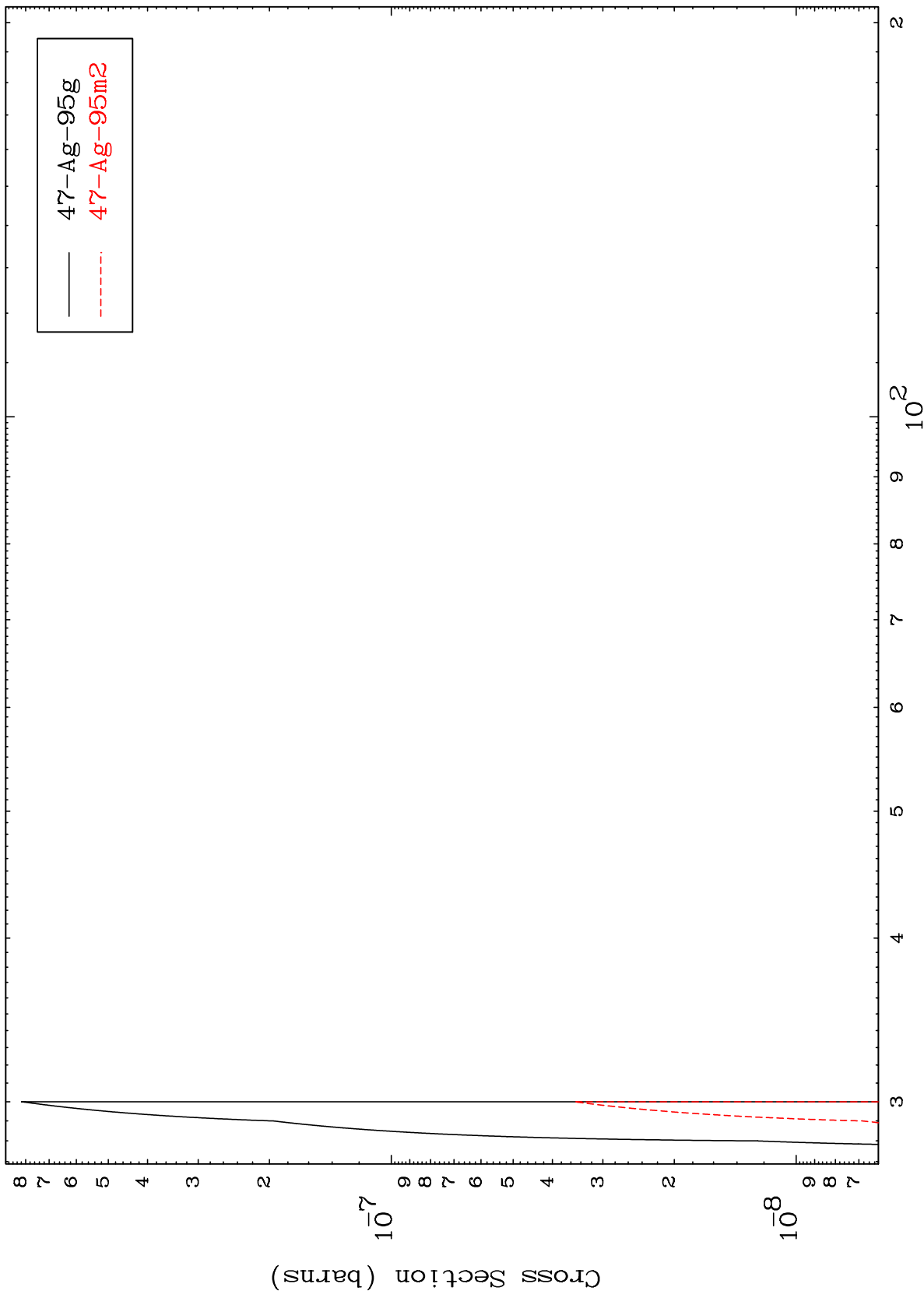
47-Ag-97

Incident Energy (MeV)

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47-Ag-97

(n,3n)
Radionuclide Production Cross Section



26

47-Ag-97

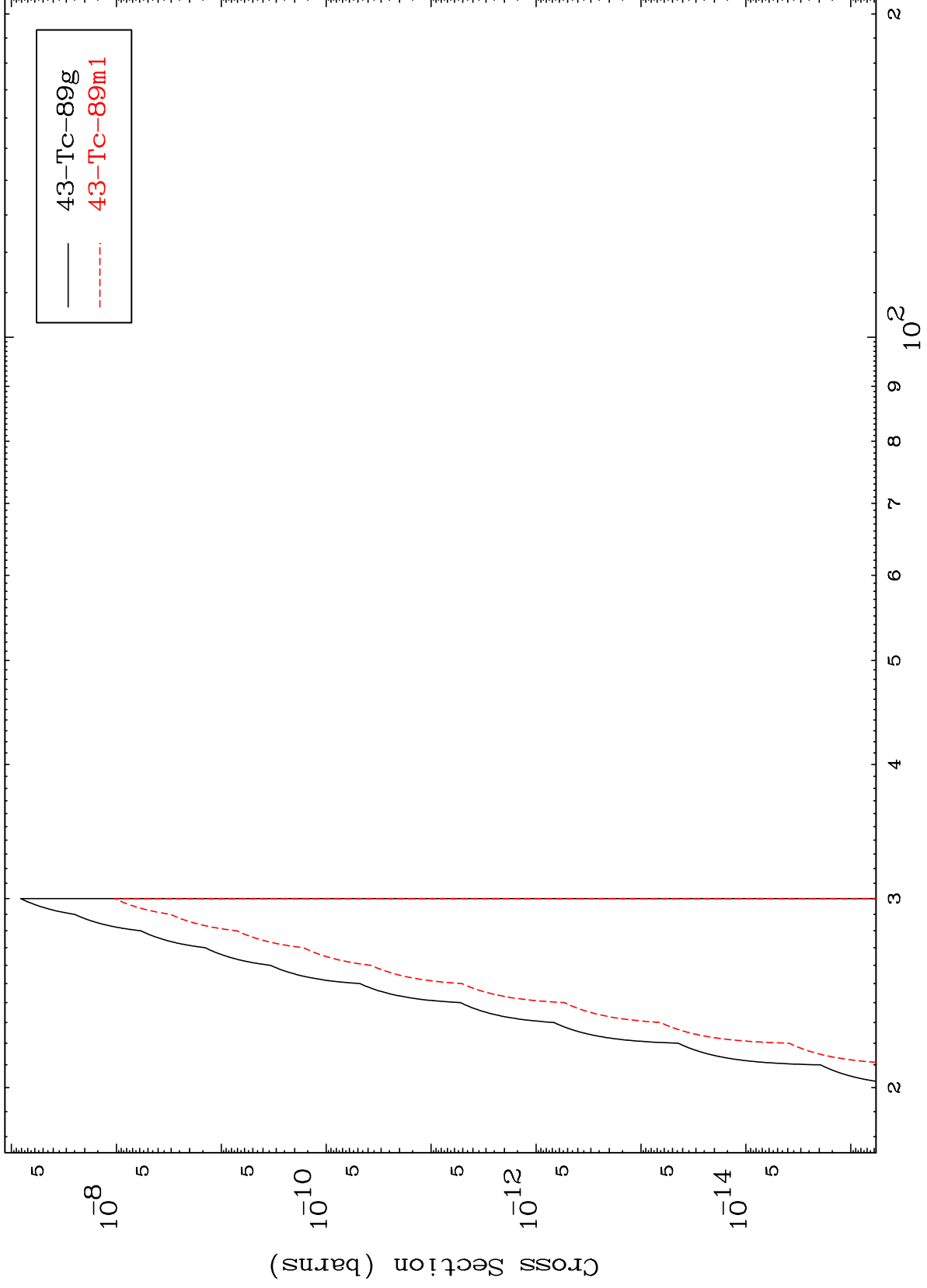
Incident Energy (MeV)

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(n,n') 2 α

47-Ag-97

Radionuclide Production Cross Section

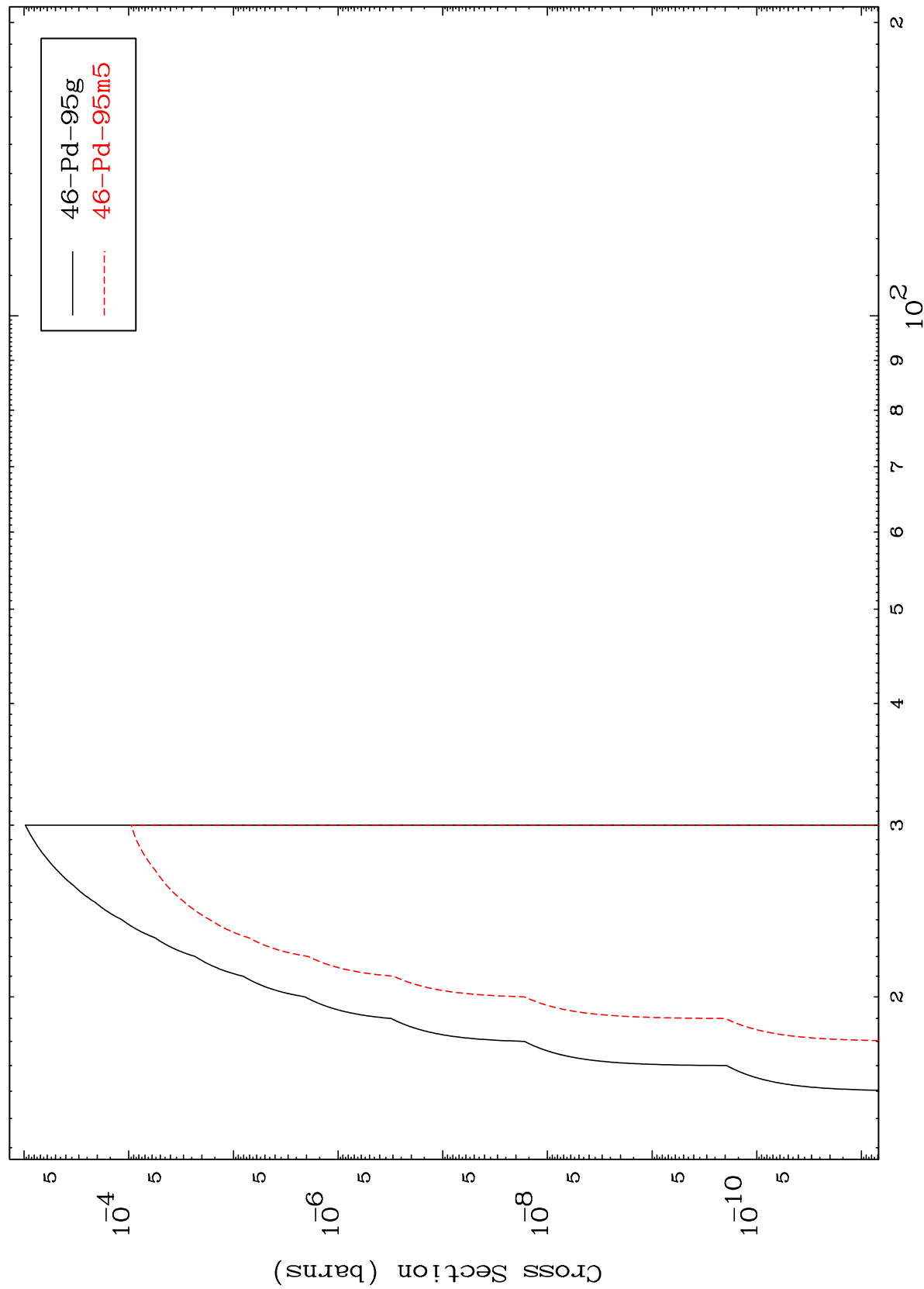


27

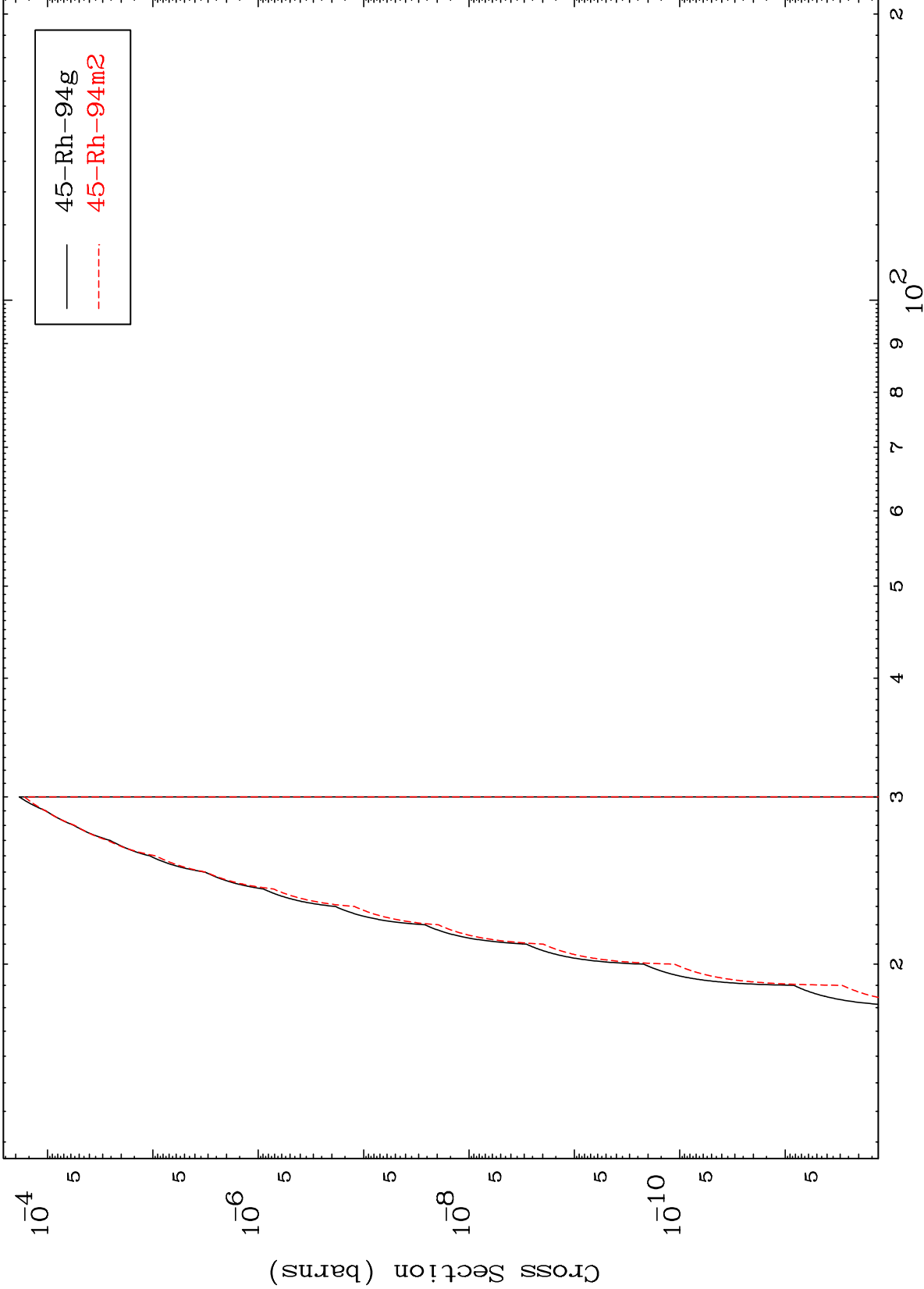
Incident Energy (MeV)

47-Ag-97

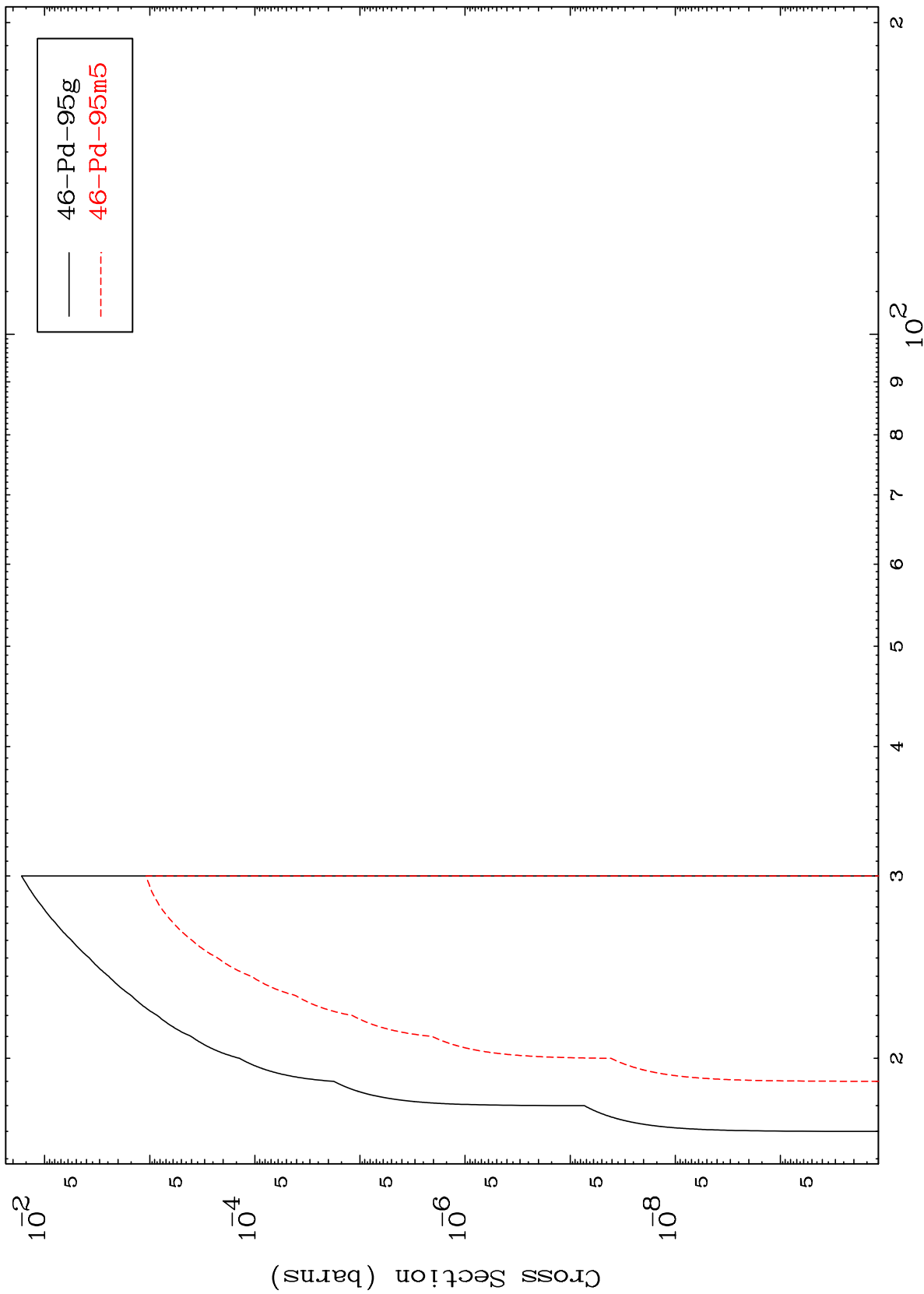
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

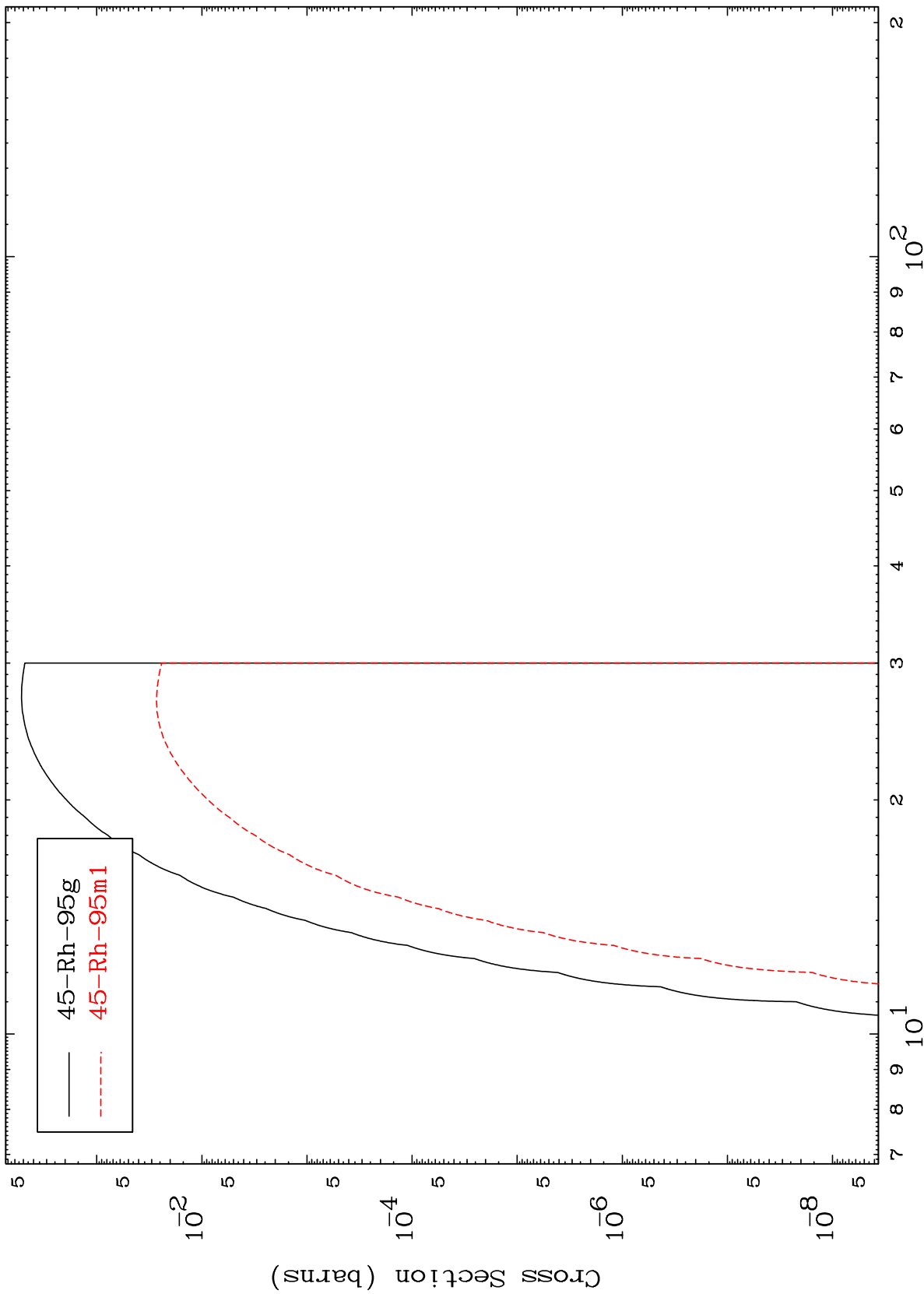


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(n,2n) p

47-Ag-97

Radionuclide Production Cross Section



— 45-Rh-95g
- - - 45-Rh-95m1

Incident Energy (MeV)

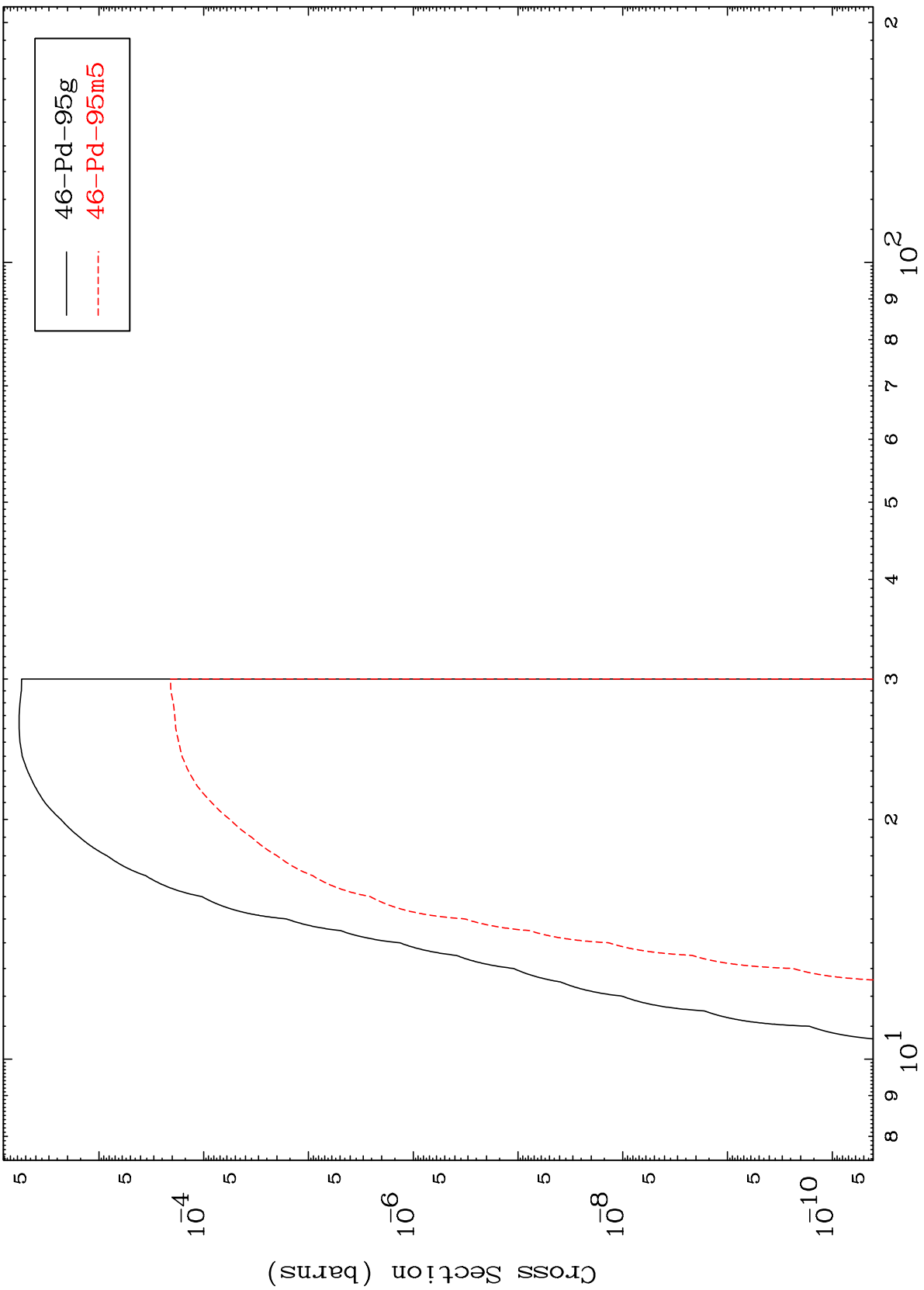
47-Ag-97

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47-Ag-97

(n, t)
Radionuclide Production Cross Section



— 46-Pd-95g
- - - 46-Pd-95m5

32

Incident Energy (MeV)

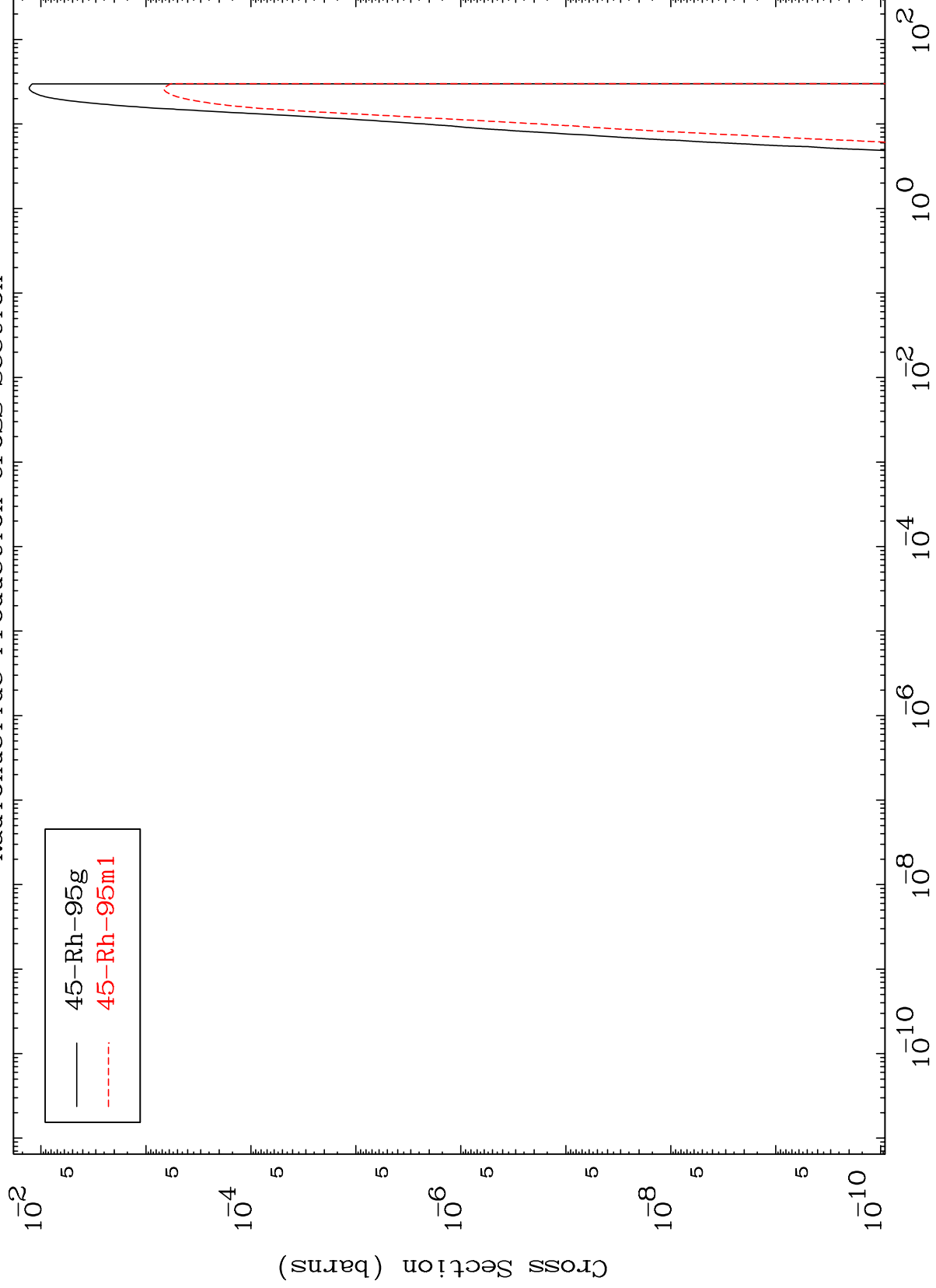
47-Ag-97

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(n,He-3)

47-Ag-97

Radionuclide Production Cross Section



33

Incident Energy (MeV)

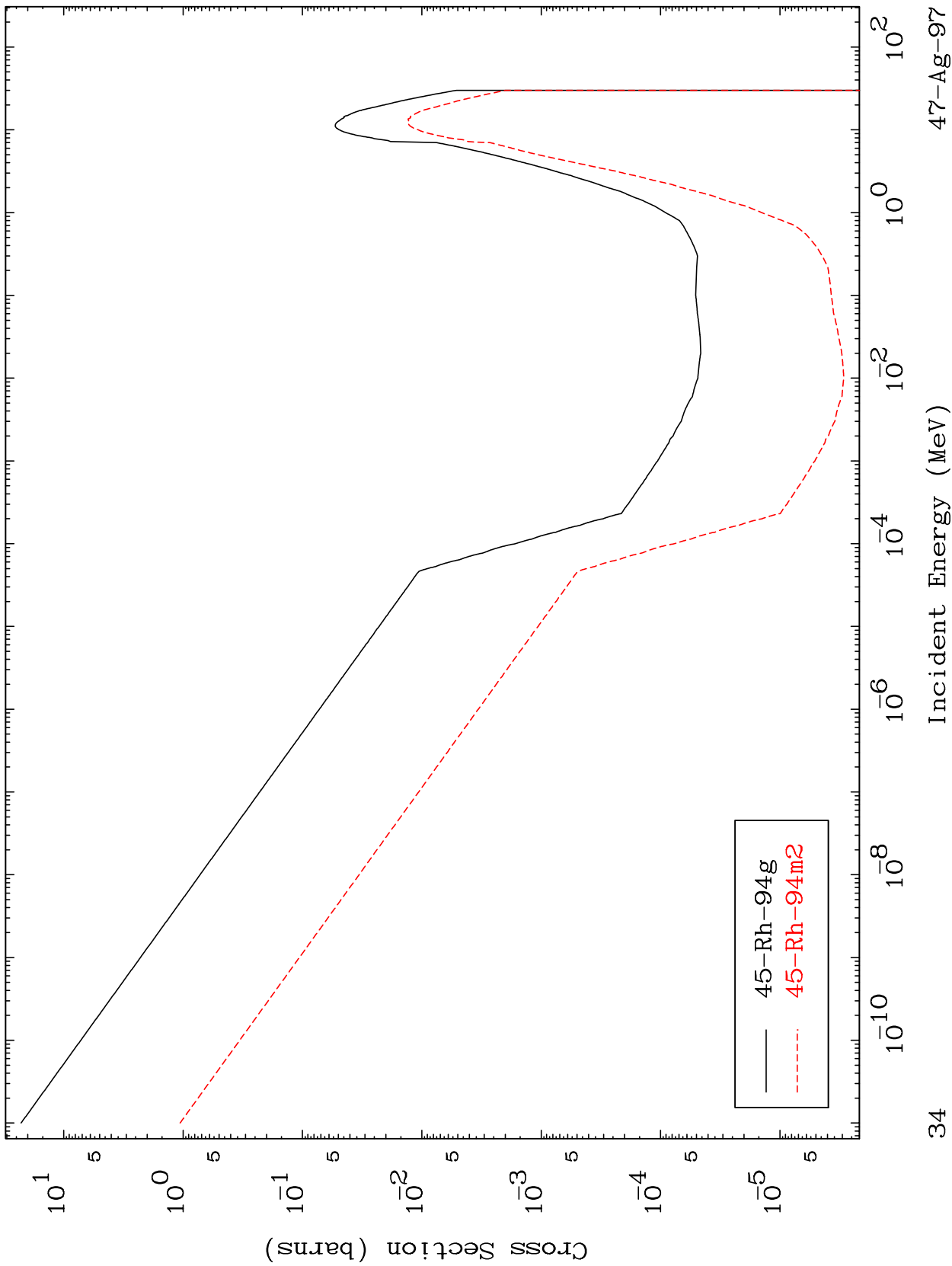
47-Ag-97

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47-Ag-97

Radionuclide Production Cross Section

(n, α)



34

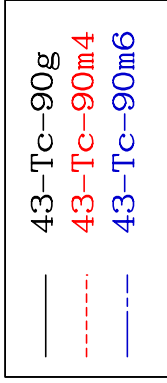
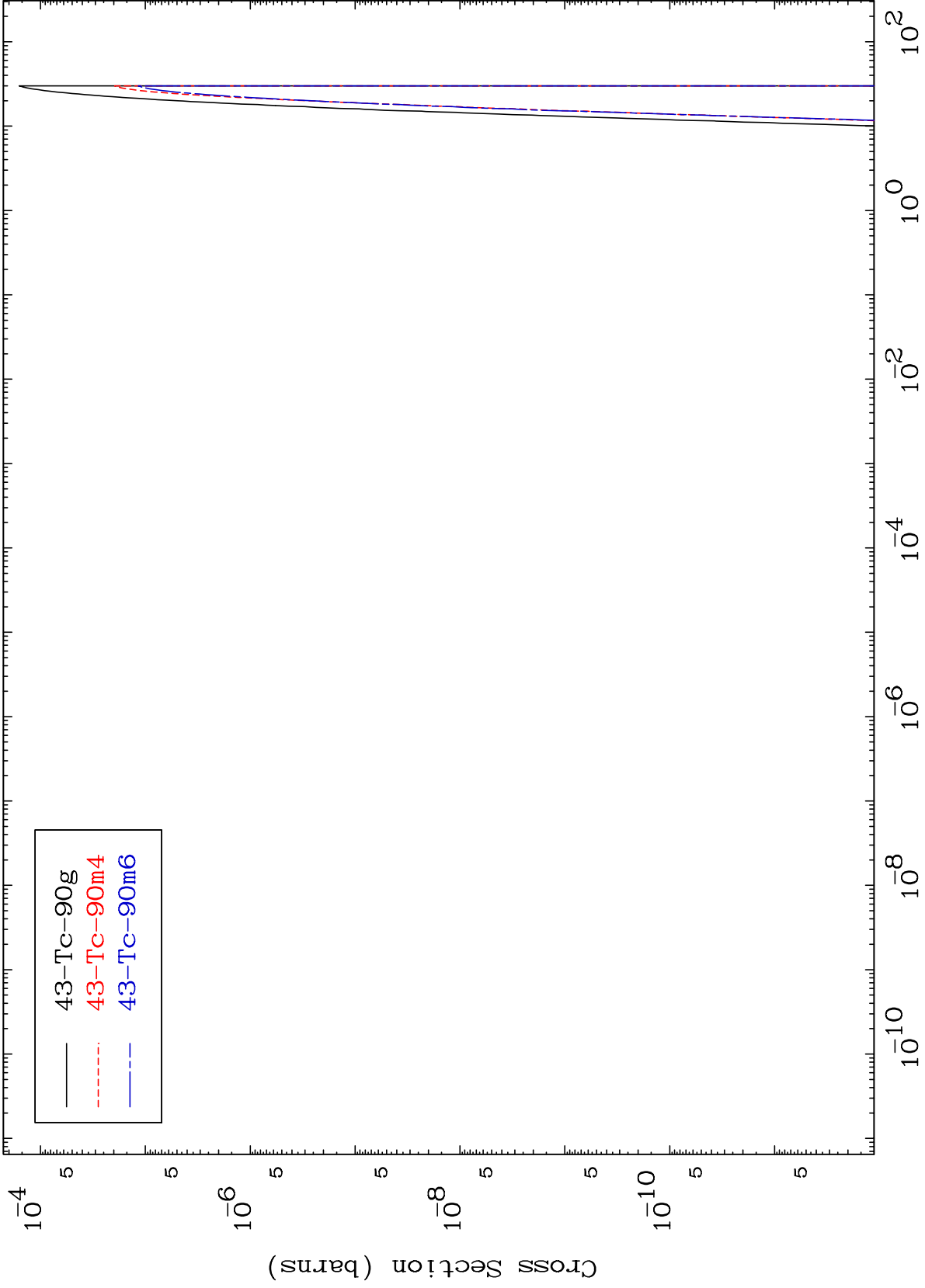
47-Ag-97

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(n,2α)

47-Ag-97

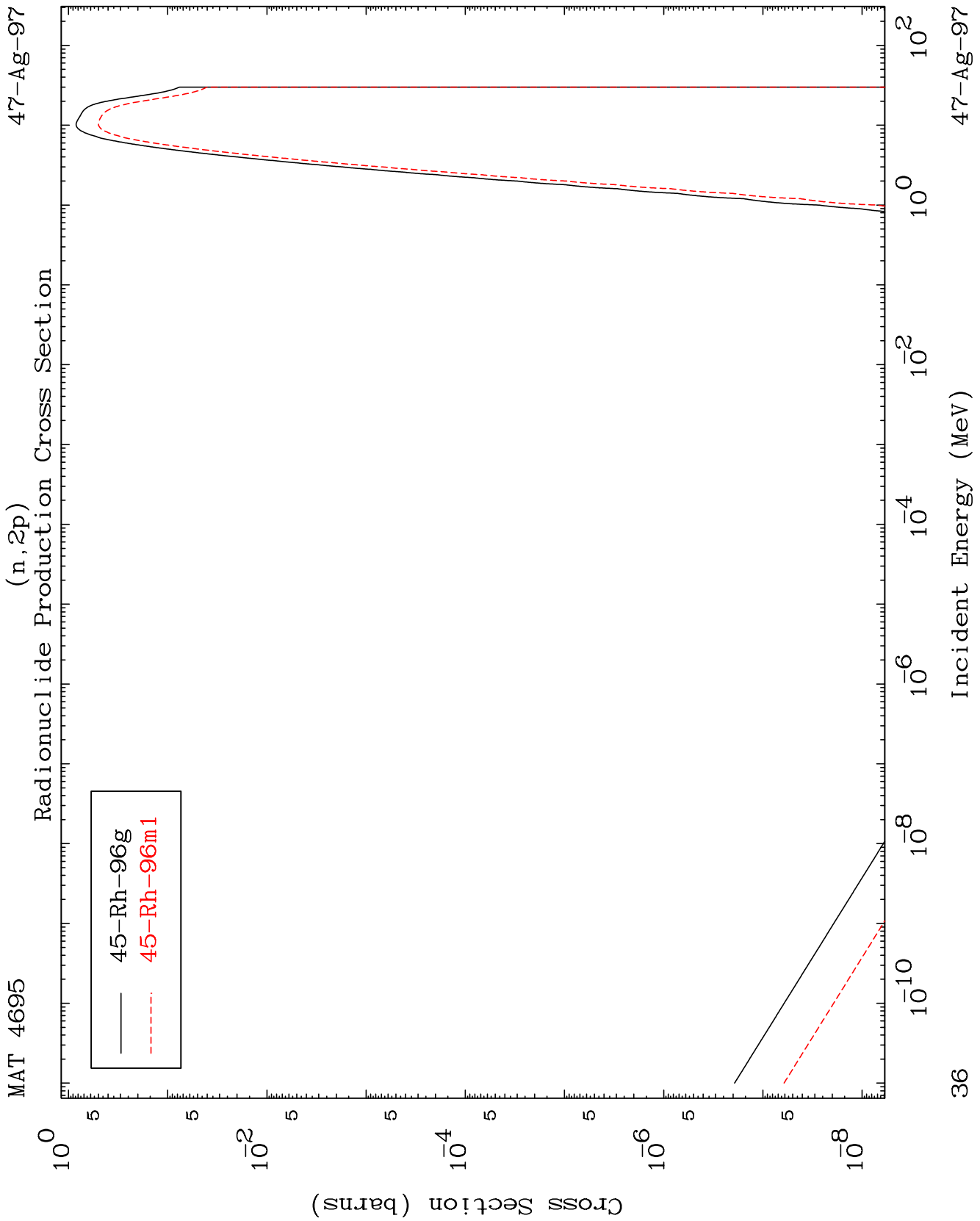
Radionuclide Production Cross Section



35

Incident Energy (MeV)

47-Ag-97

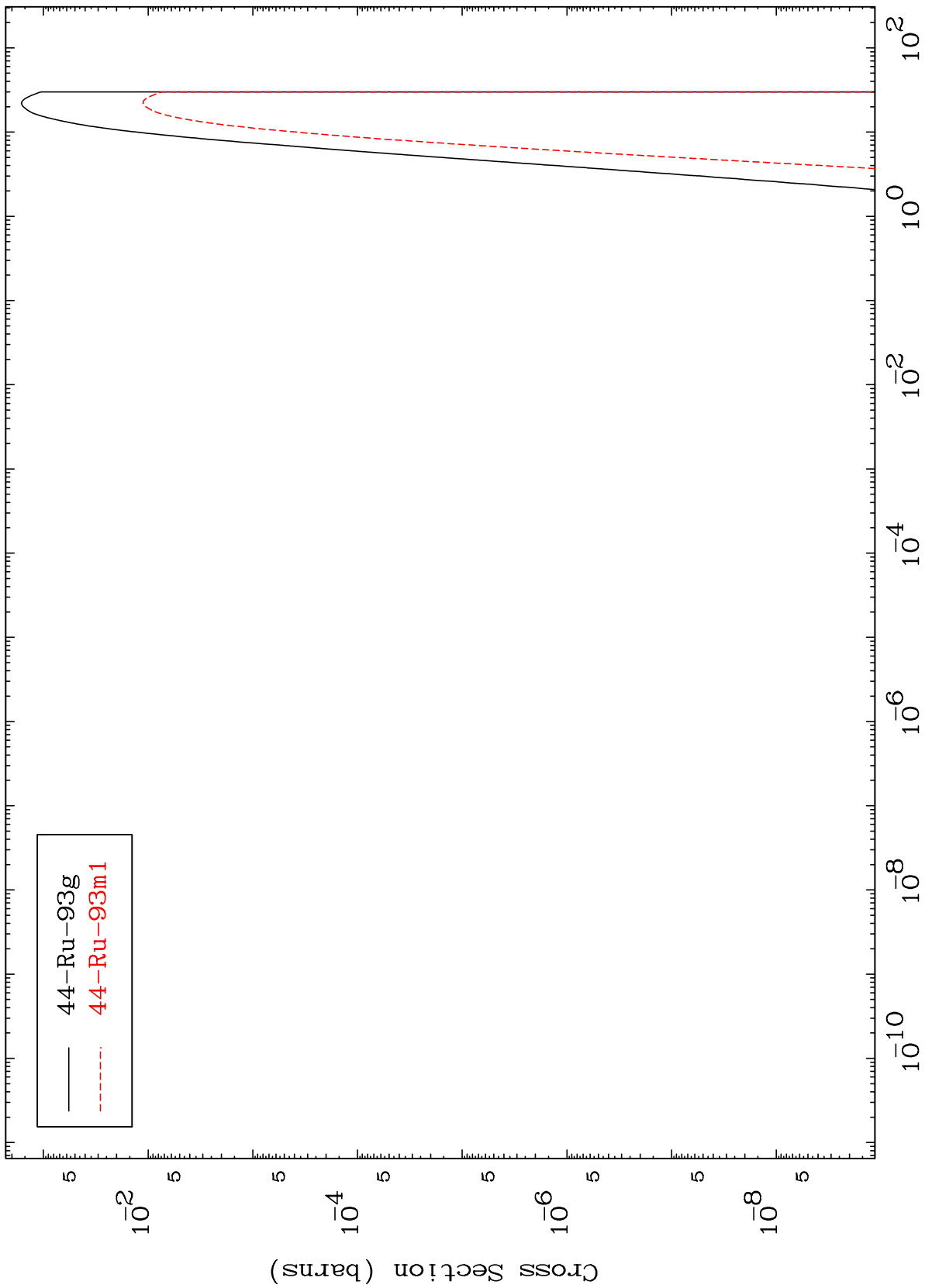


MAT 4695

(n,p) α

47-Ag-97

Radionuclide Production Cross Section



37

Incident Energy (MeV)

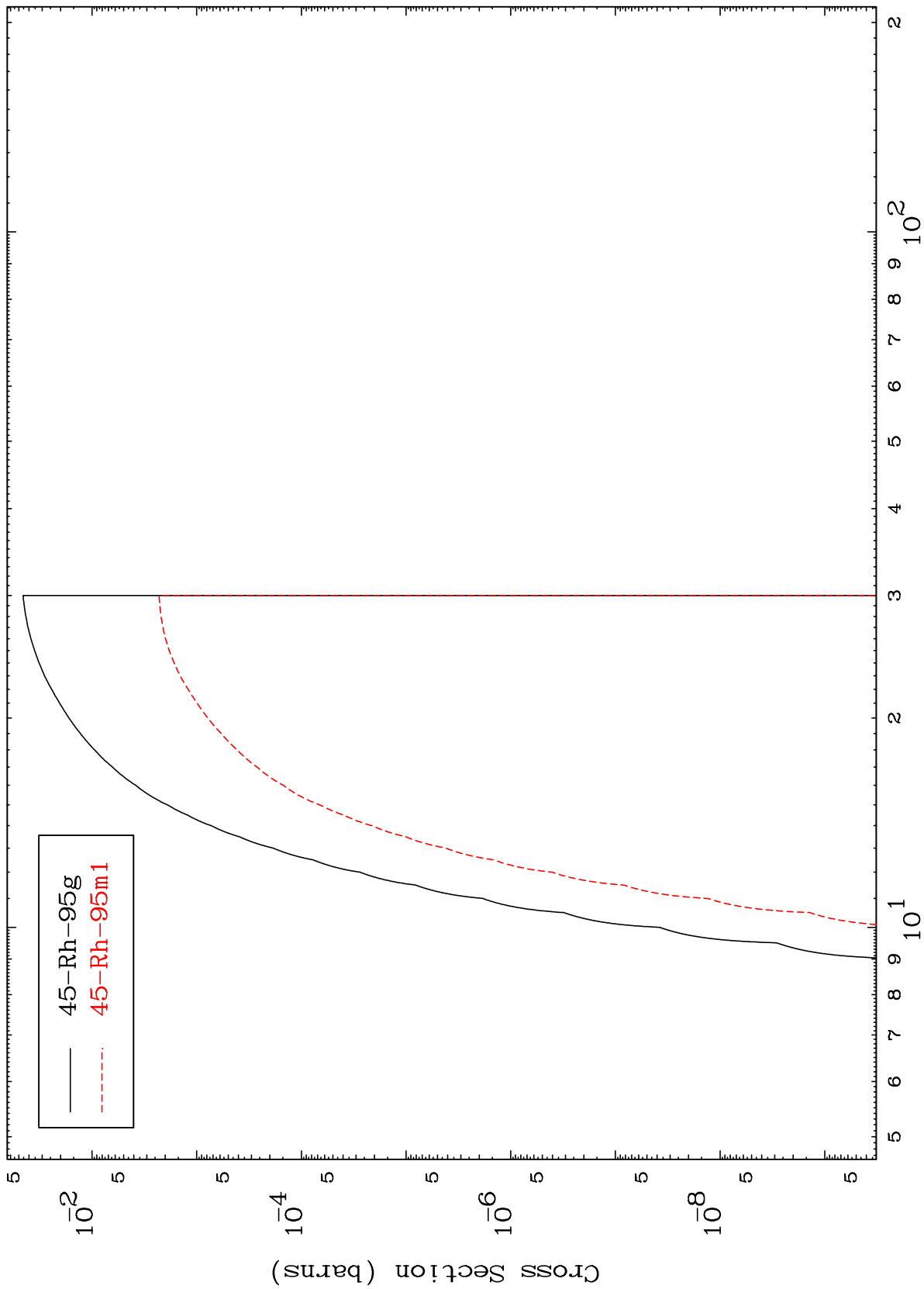
47-Ag-97

MAT 4695

(n,p) d

47-Ag-97

Radionuclide Production Cross Section



45-Rh-95g
45-Rh-95m1

47-Ag-97

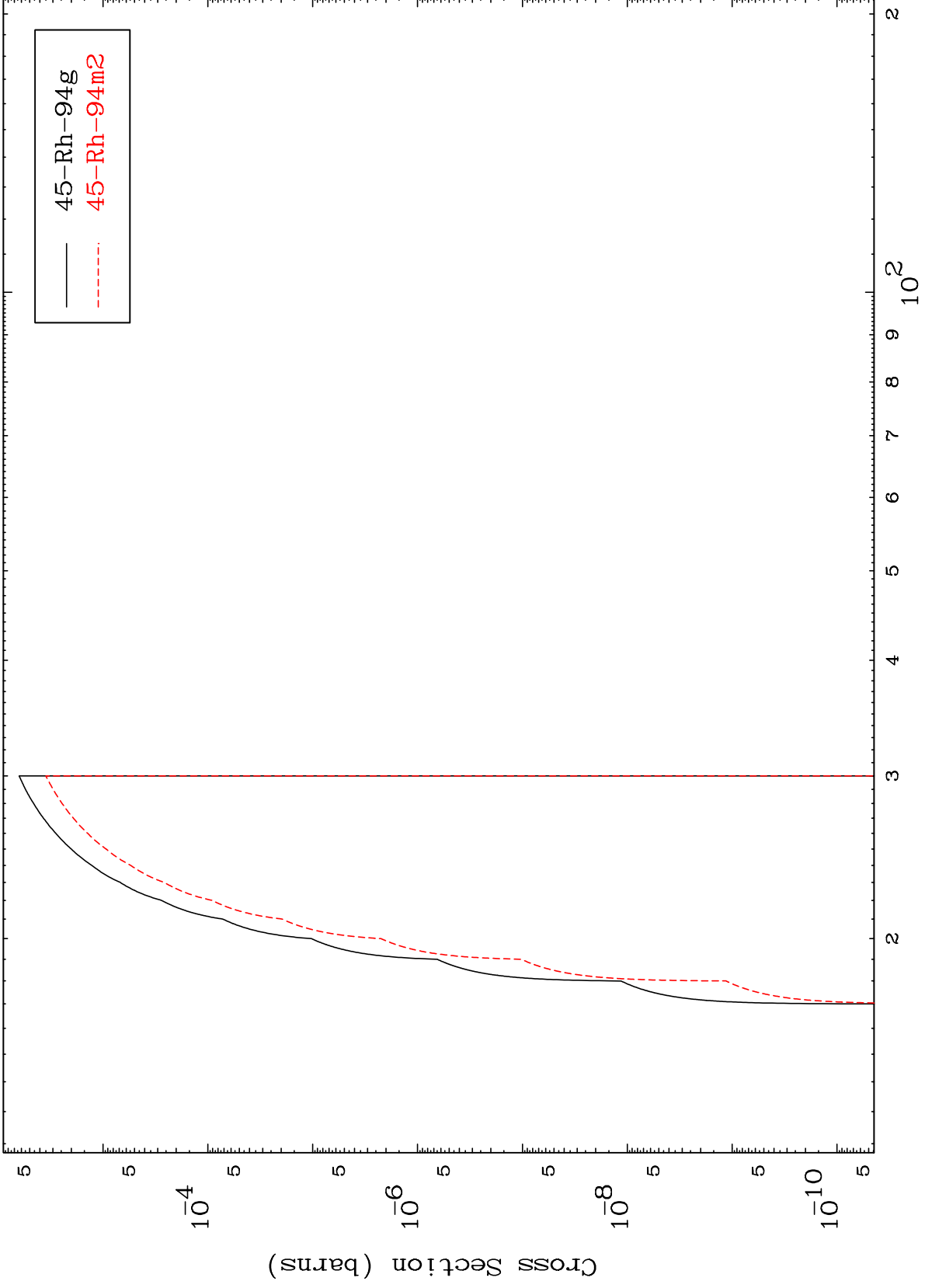
38

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(n,p) t

47-Ag-97

Radionuclide Production Cross Section



39

Incident Energy (MeV)

47-Ag-97