

Program EVALPLOT
(Version 2021-1)

by

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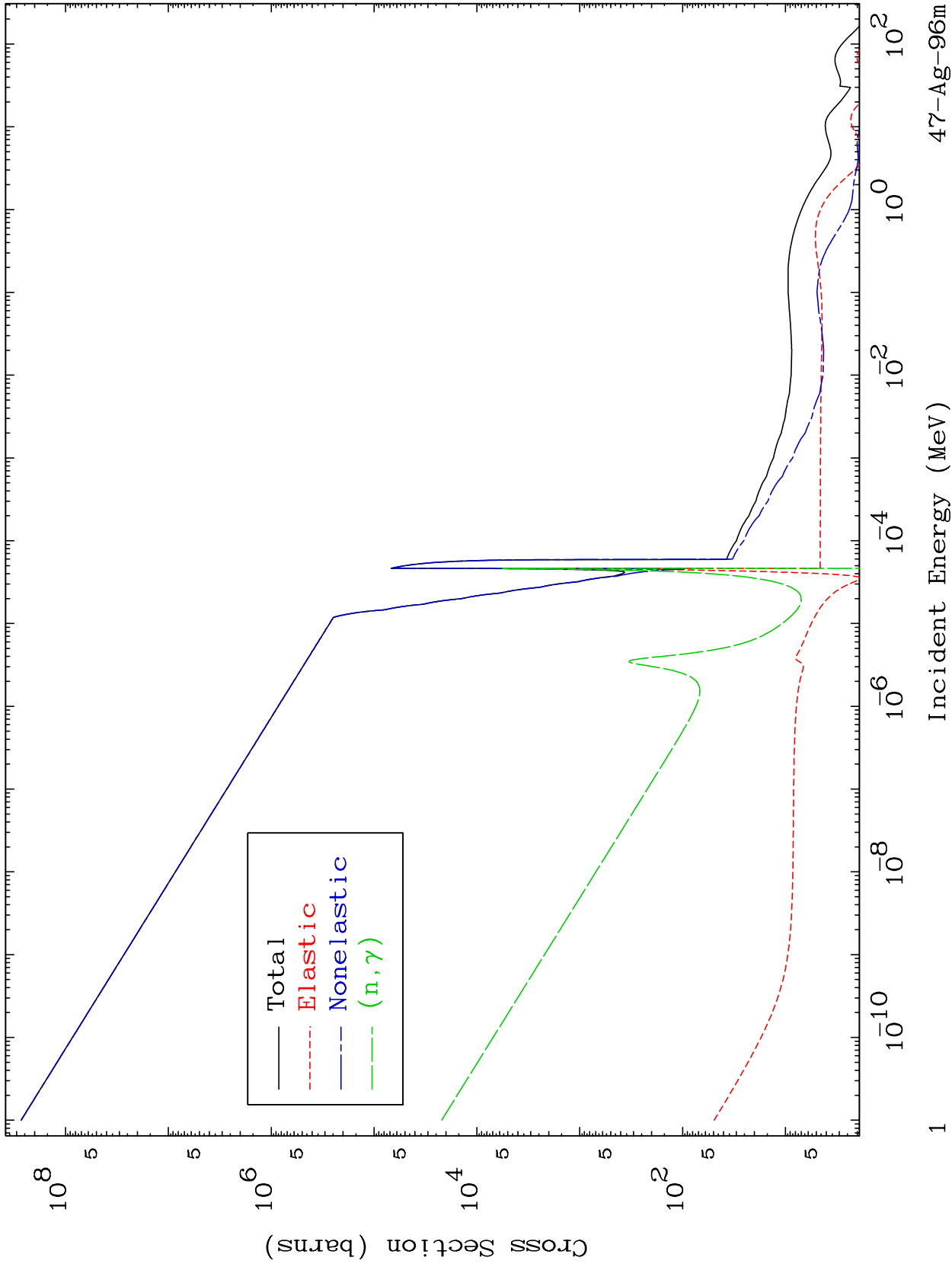
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4693

Neutron Major
293 Kelvin Cross Sections

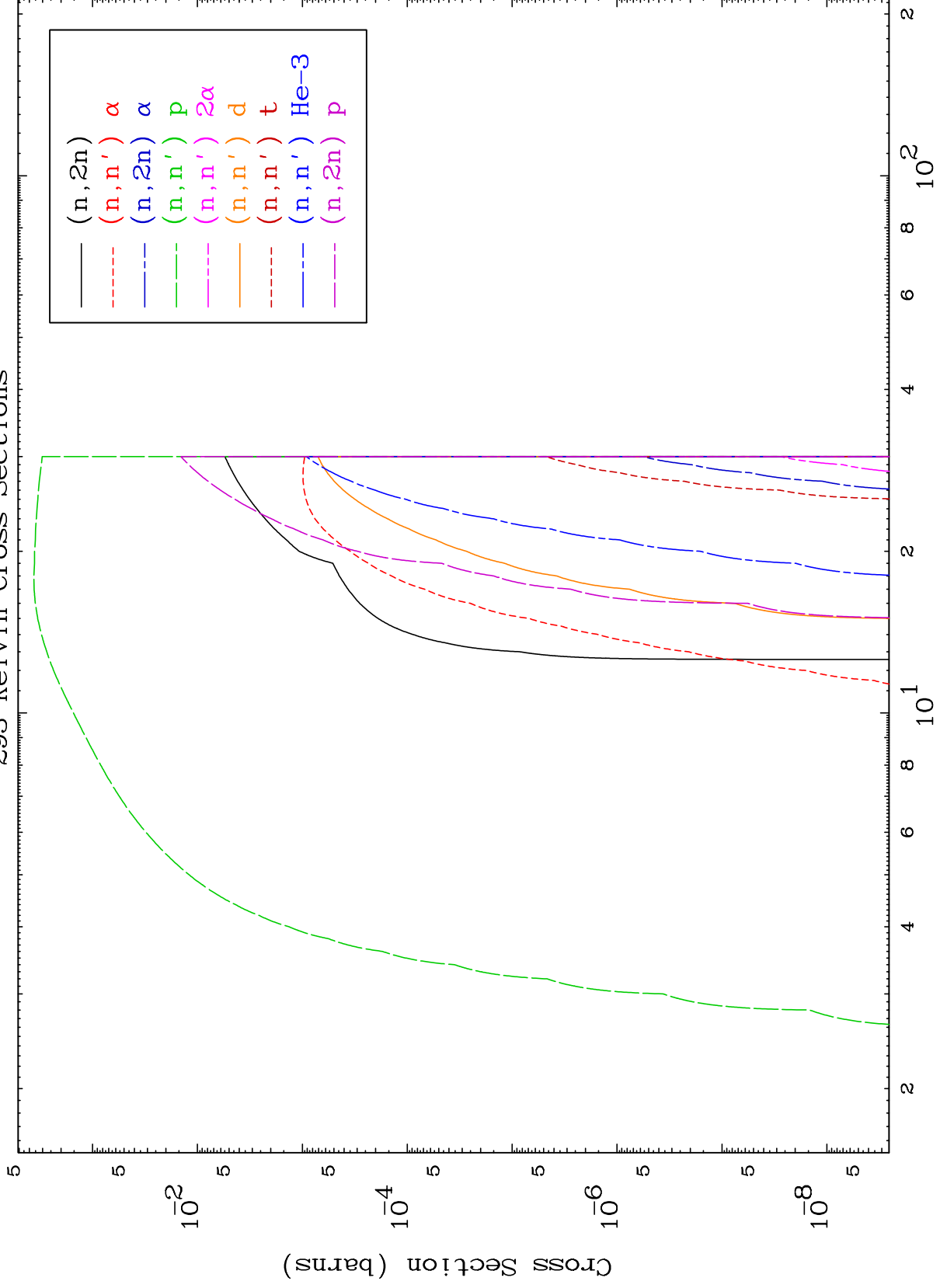
47-Ag-96m



MAT 4693

Neutron Absorption
293 Kelvin Cross Sections

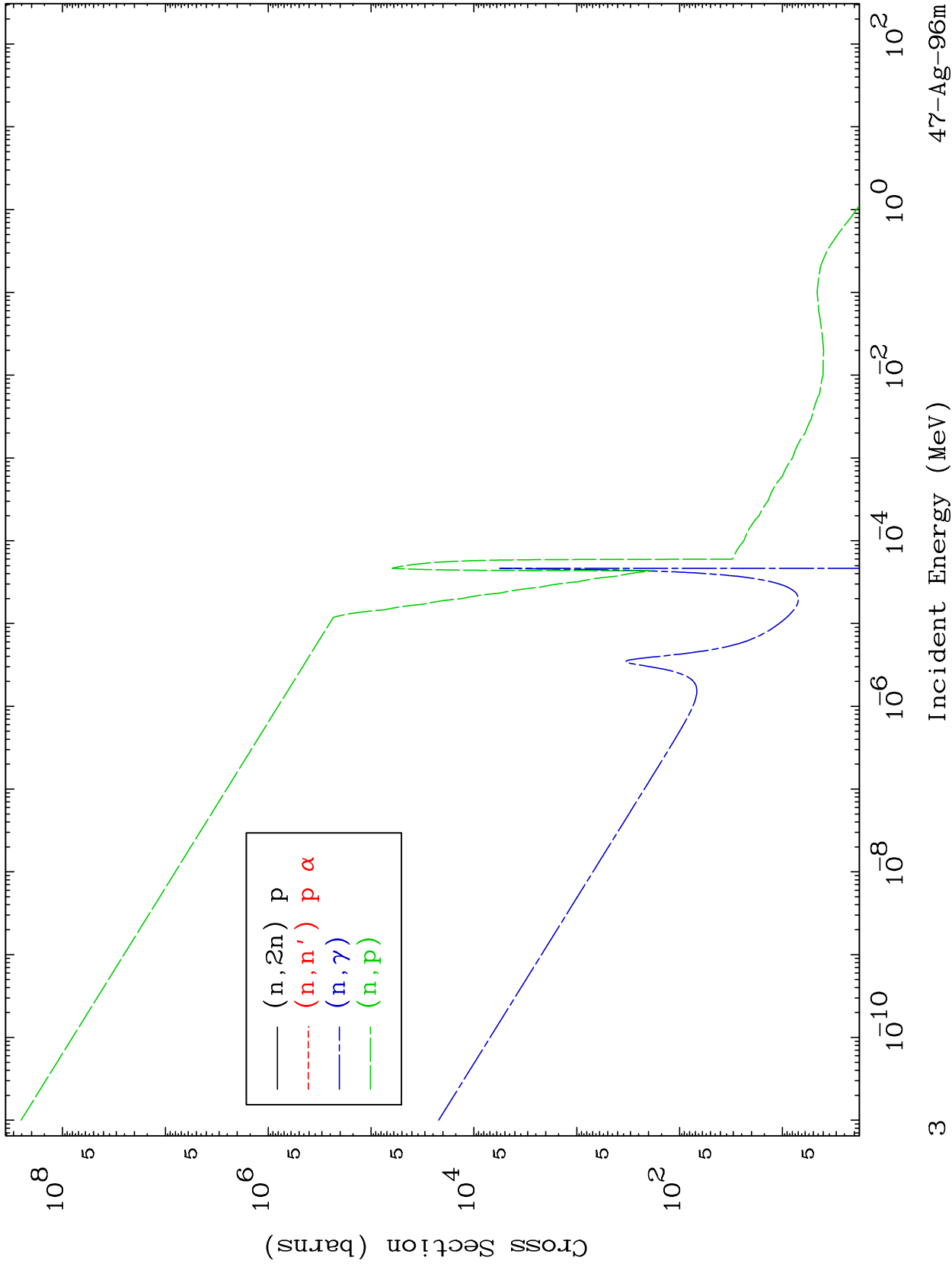
47-Ag-96m



2

Incident Energy (MeV)

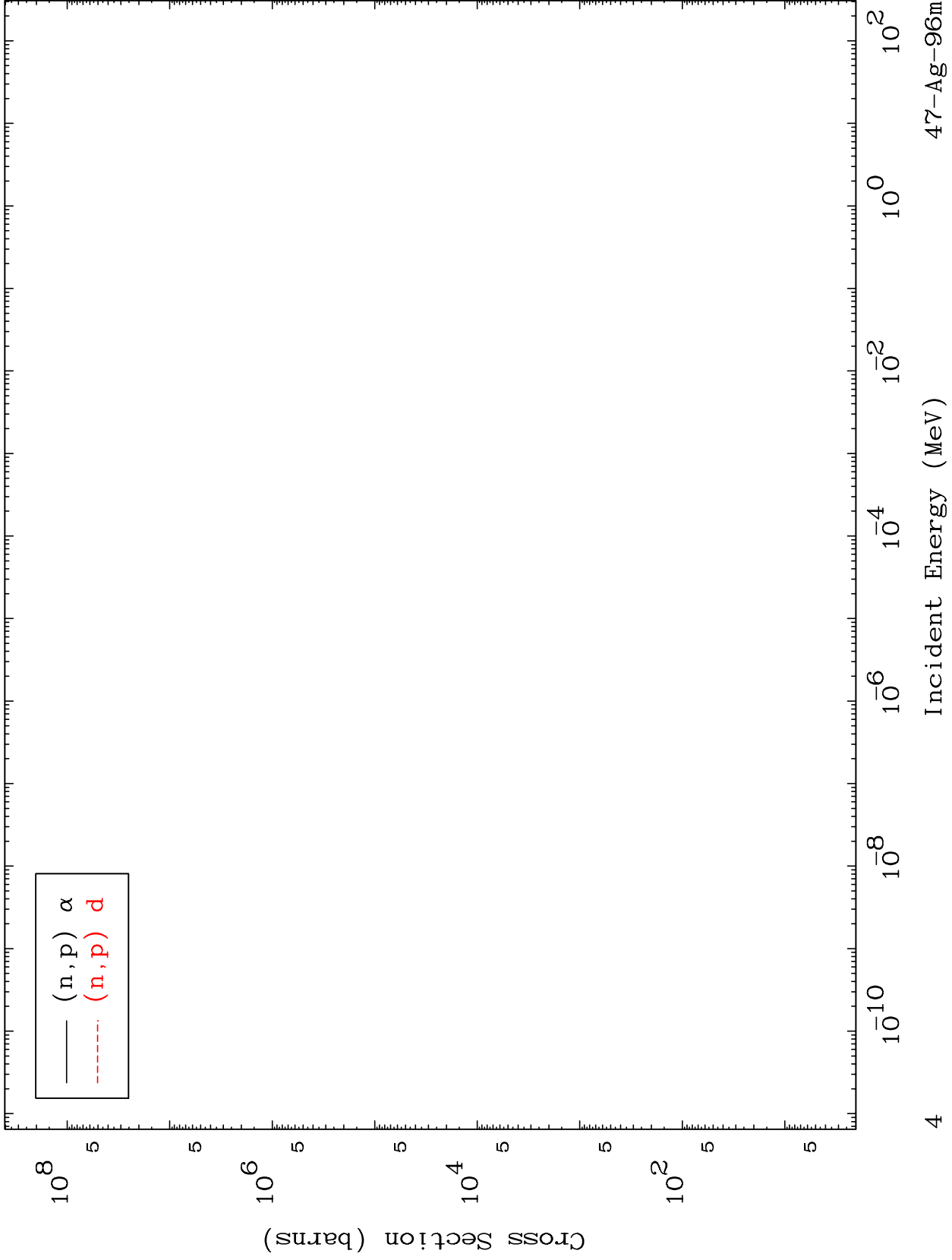
47-Ag-96m



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Neutron Absorption
293 Kelvin Cross Sections

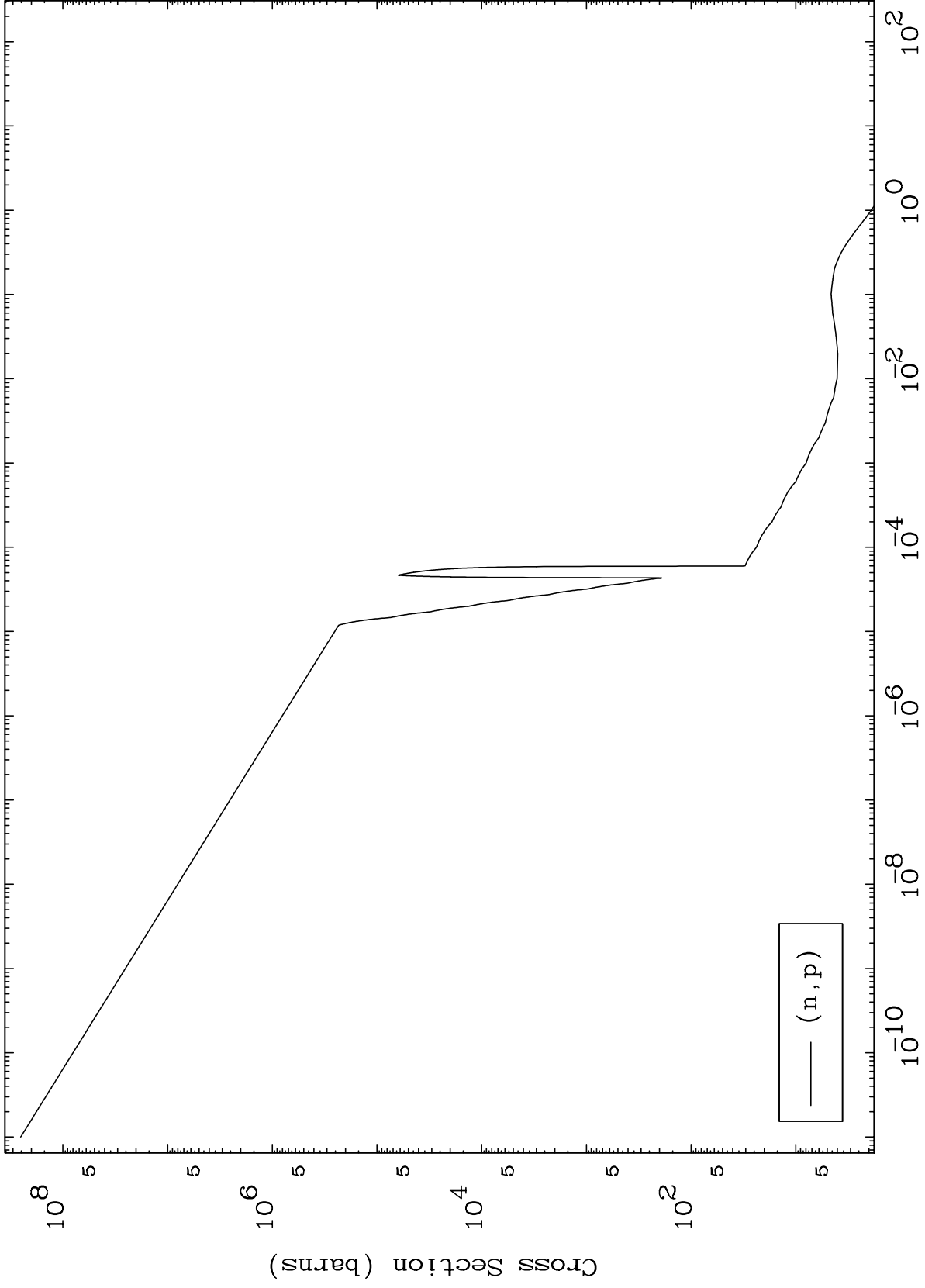
47-Ag-96m



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Charged Particle
293 Kelvin Cross Sections

47-Ag-96m

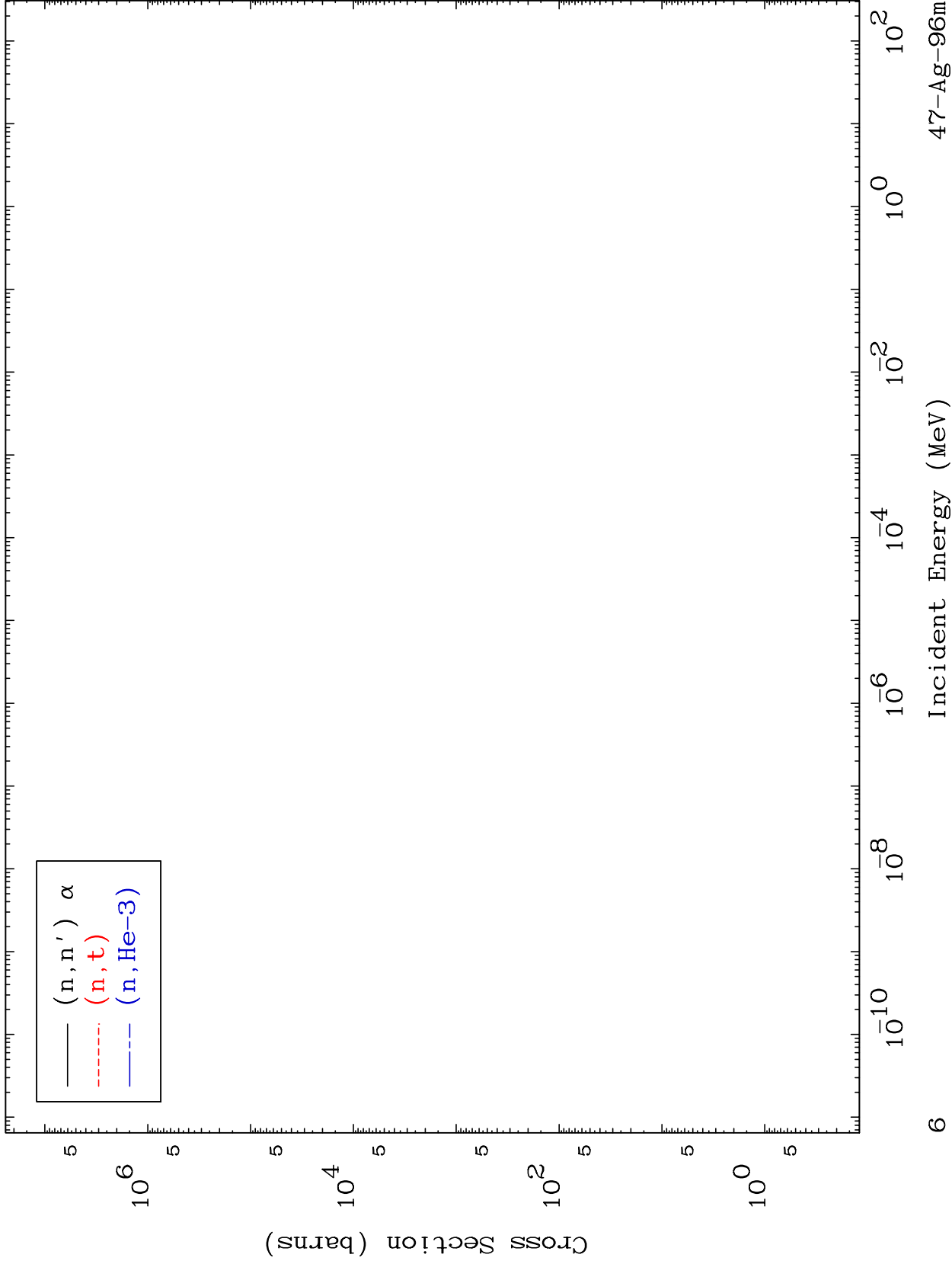


(n,p)

MAT 4693

Charged Particle
293 Kelvin Cross Sections

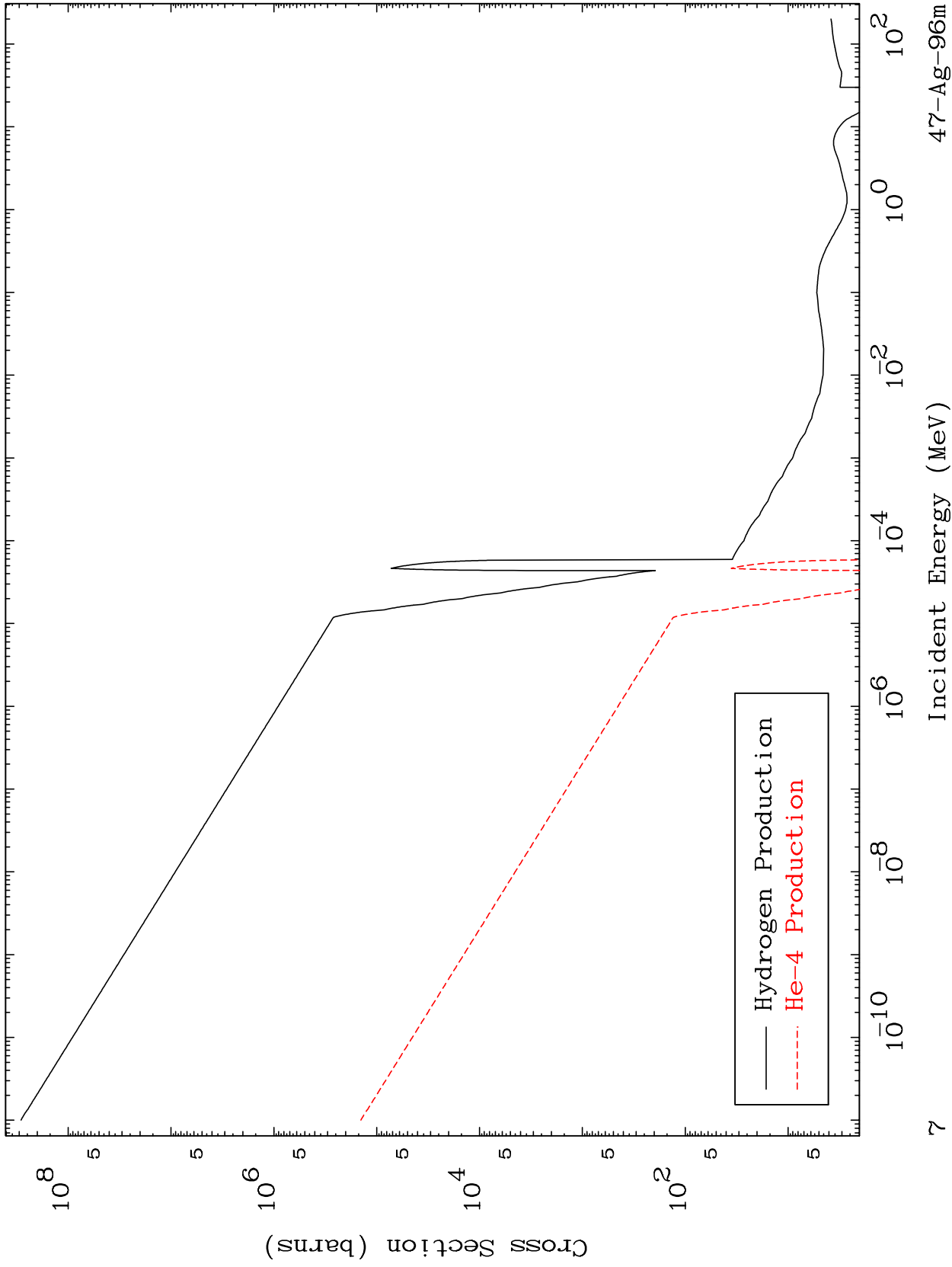
47-Ag-96m



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Particle Production
293 Kelvin Cross Sections

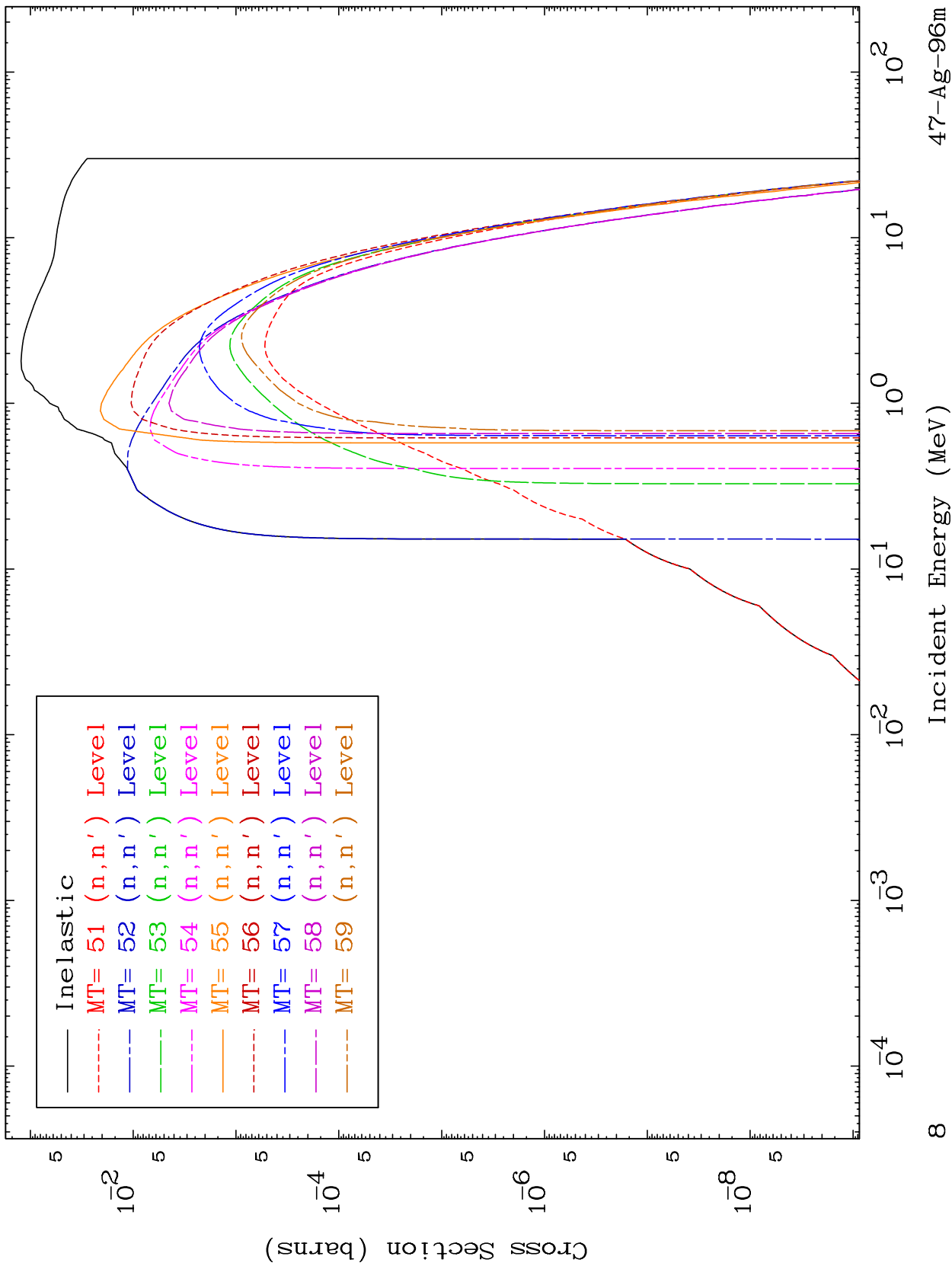
47-Ag-96m



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293 Kelvin Cross Sections
(n,n') Levels

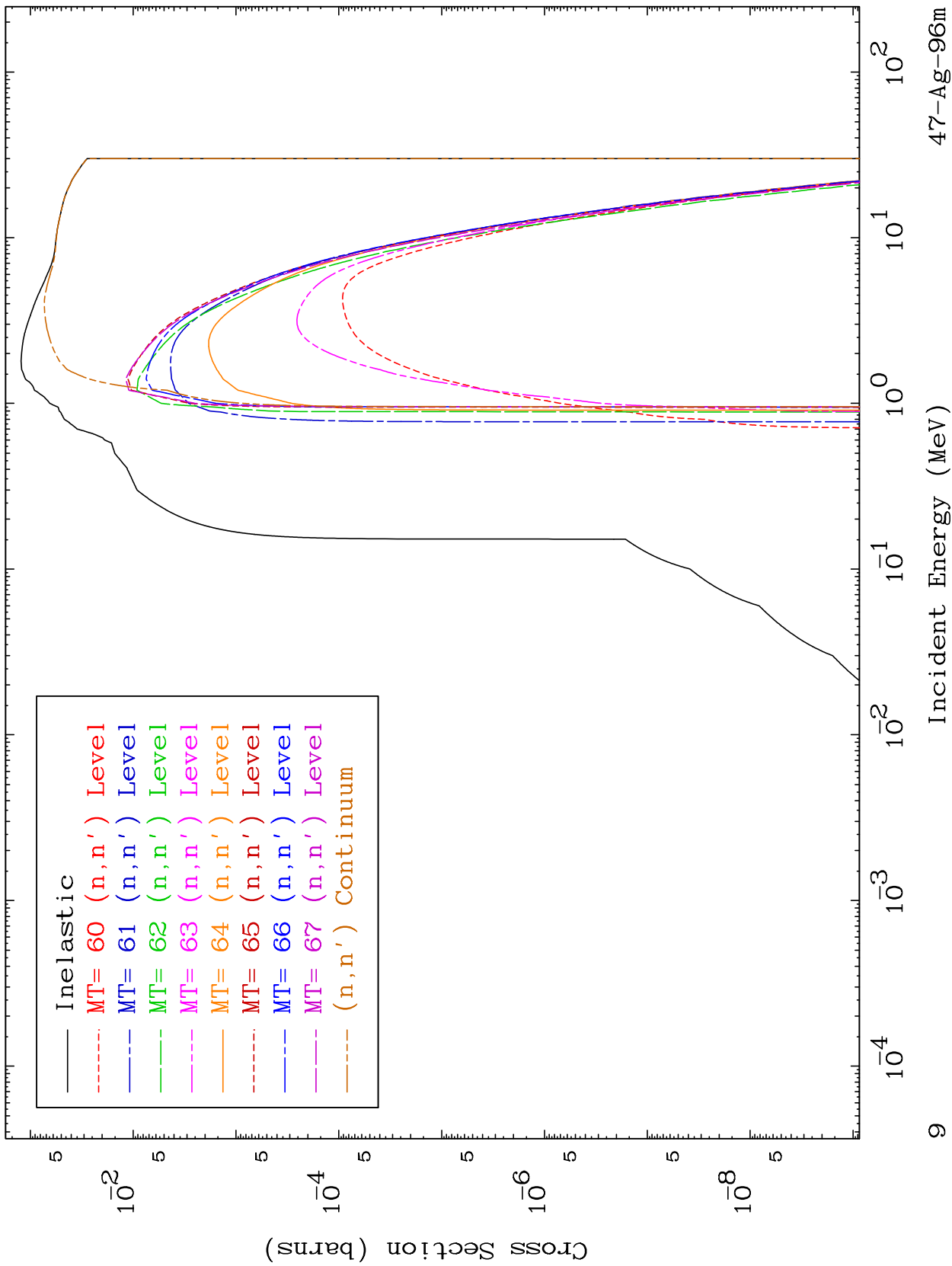
47-Ag-96m



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293 Kelvin Cross Sections
(n,n') Levels

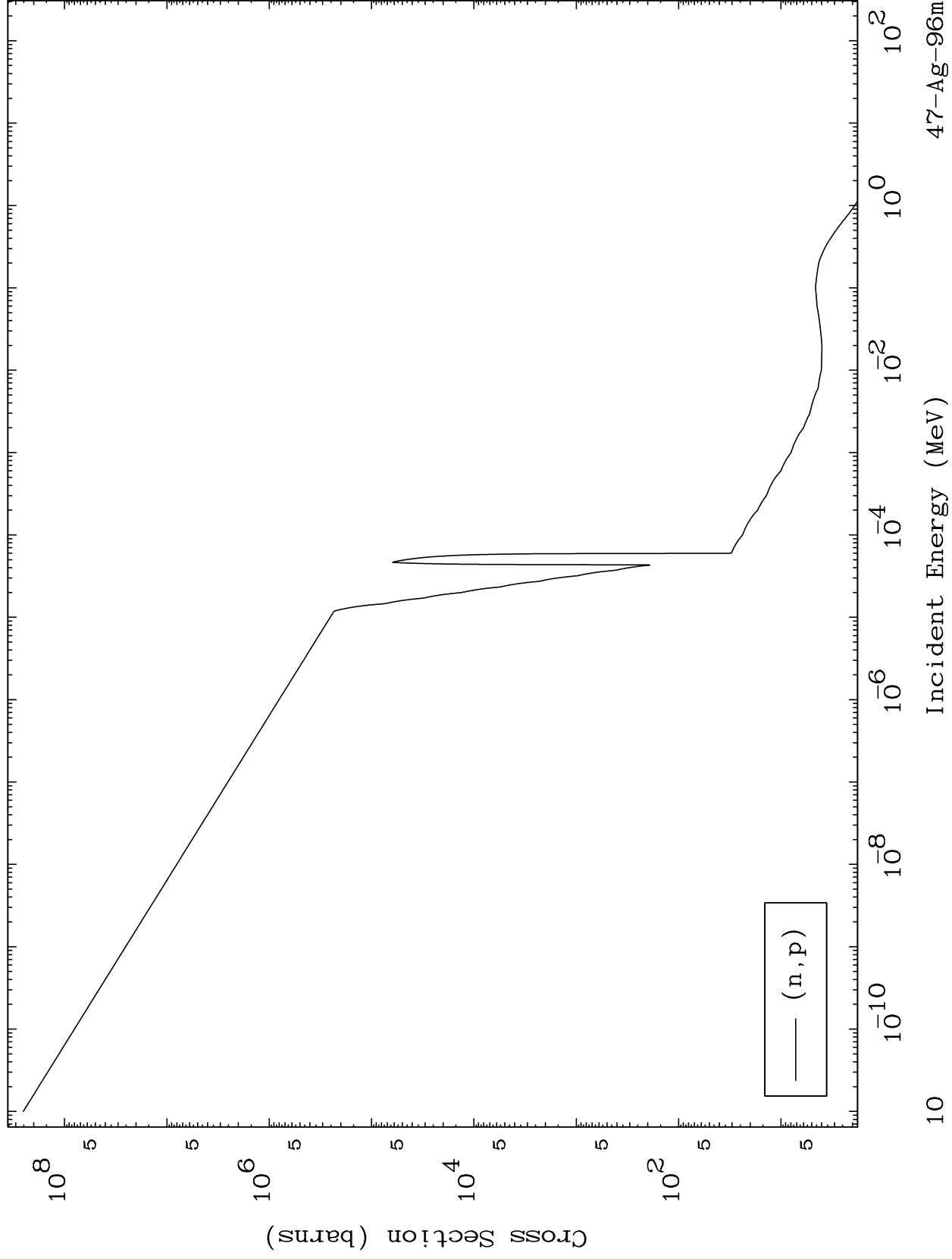
47-Ag-96m



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(n,p) Levels
293 Kelvin Cross Sections

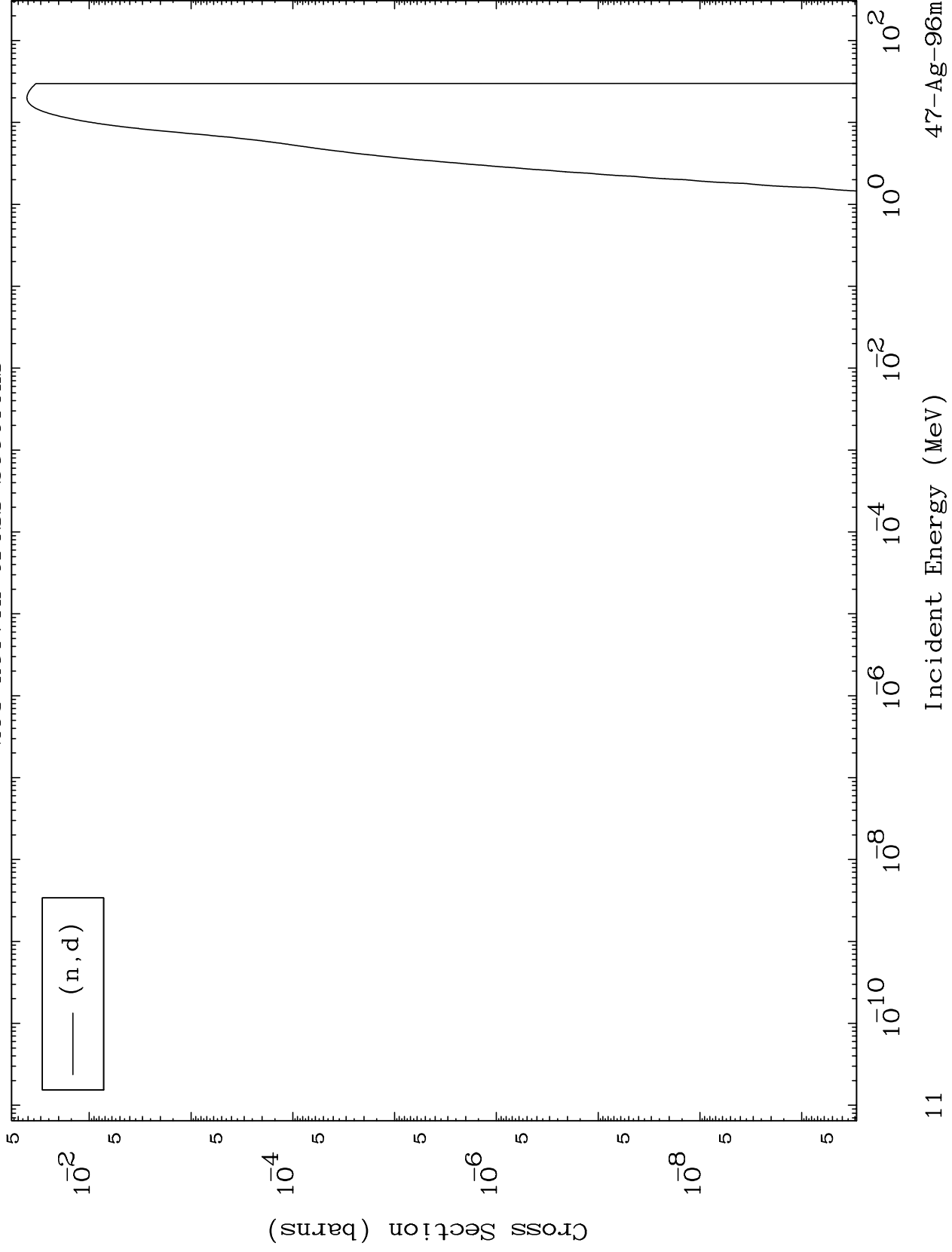
47-Ag-96m



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(n,d) Levels
293 Kelvin Cross Sections

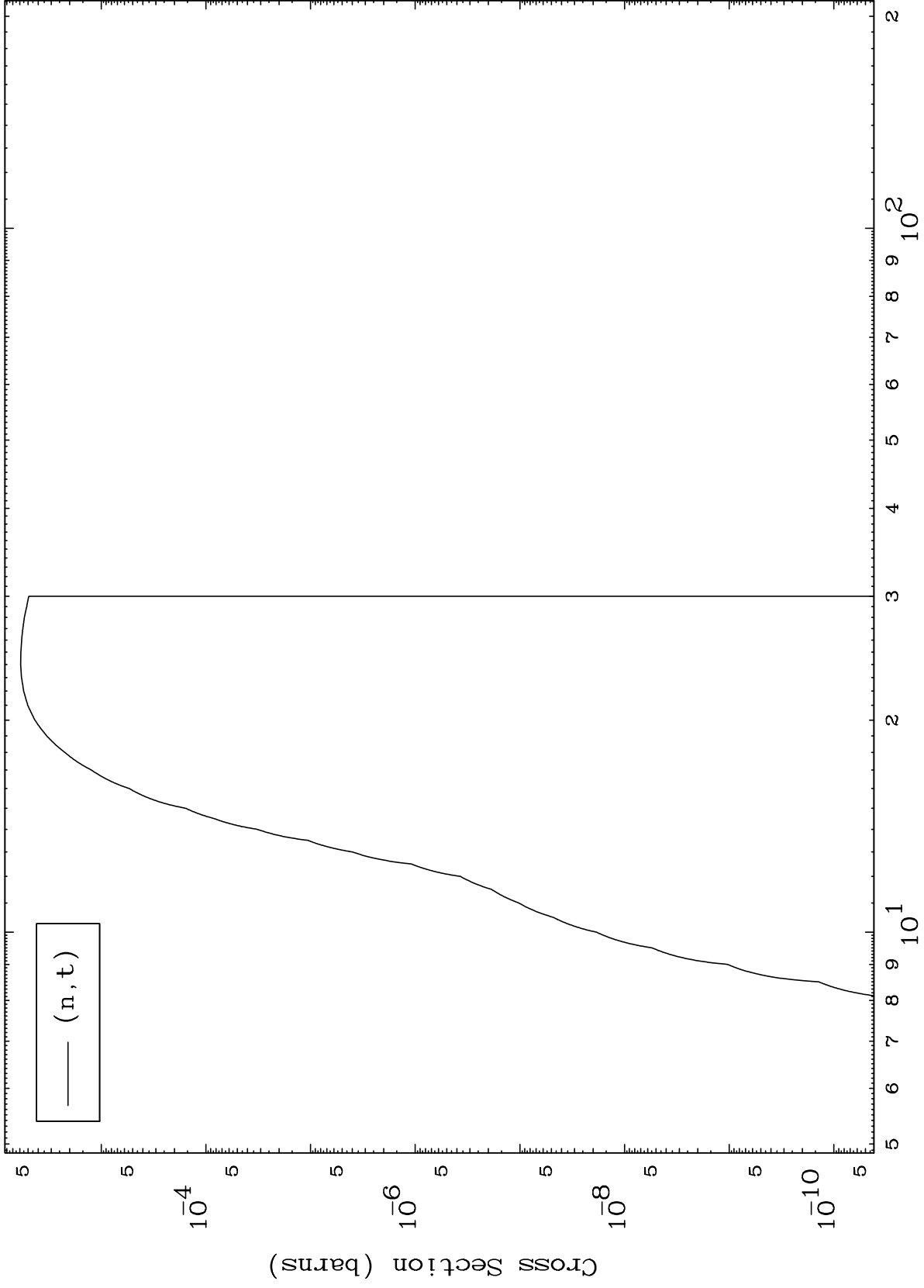
47-Ag-96m



MAT 4693

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-96m



(n,t)

Incident Energy (MeV)

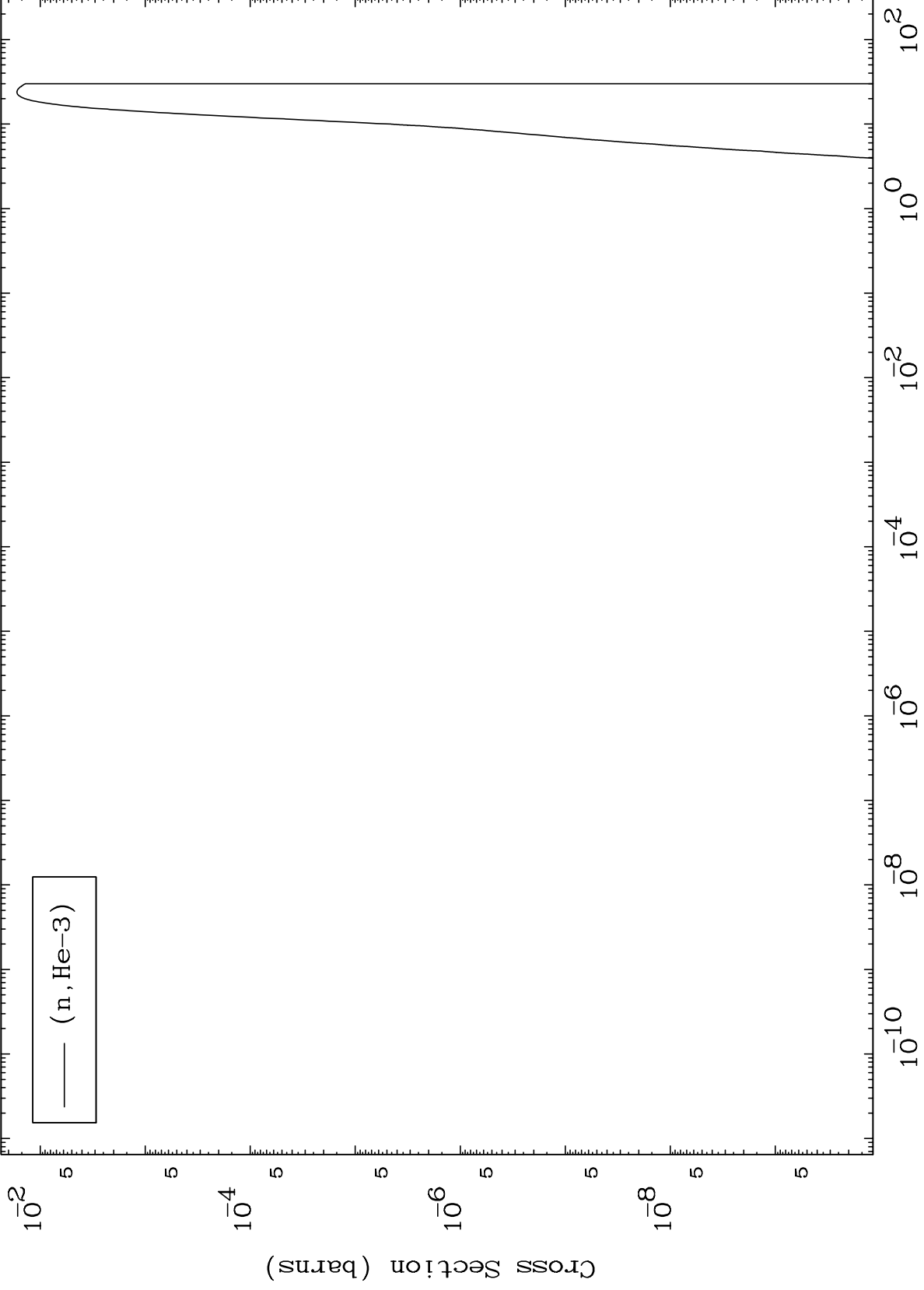
47-Ag-96m

12

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(n,He3) Levels
293 Kelvin Cross Sections

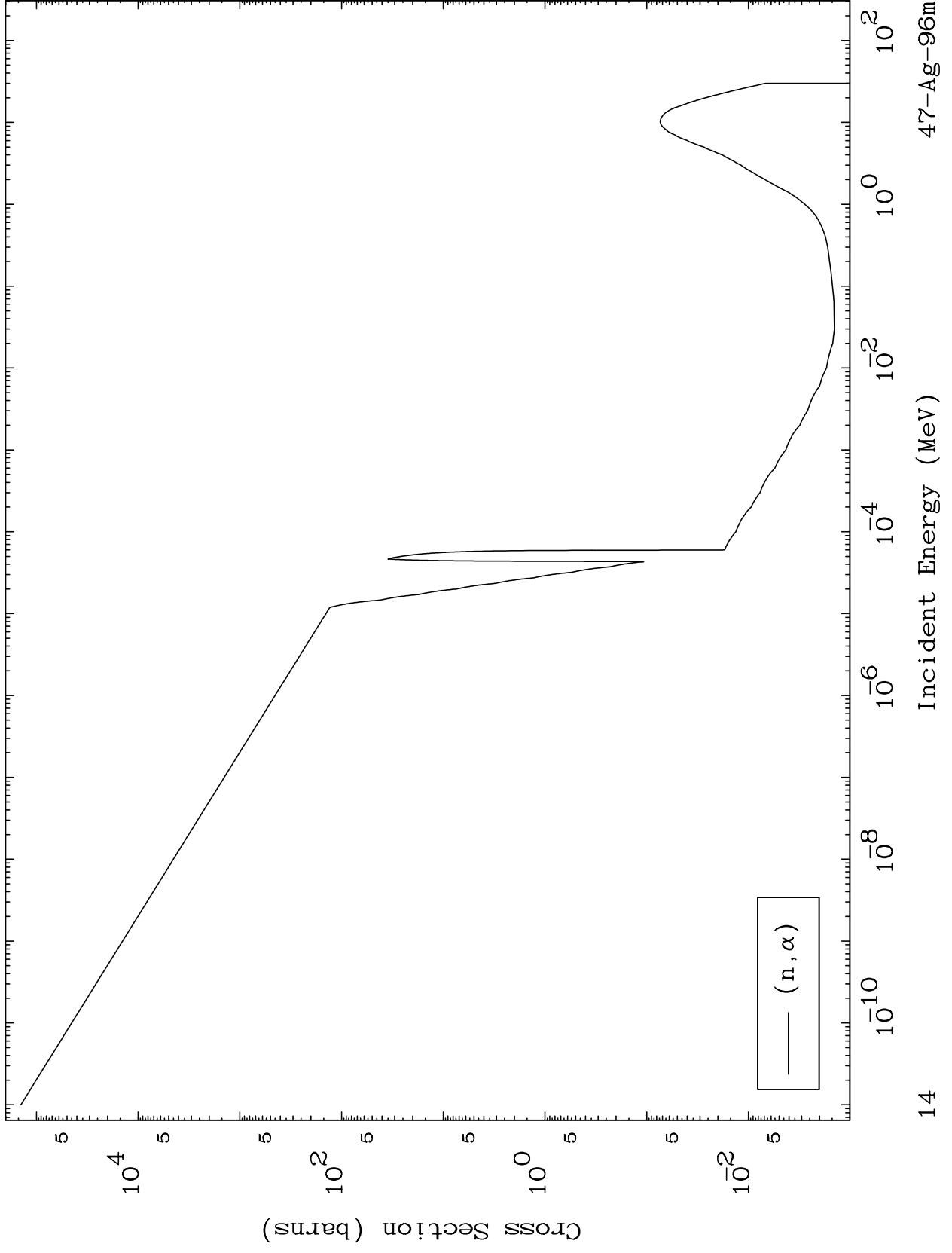
47-Ag-96m



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(n,α) Levels
293 Kelvin Cross Sections

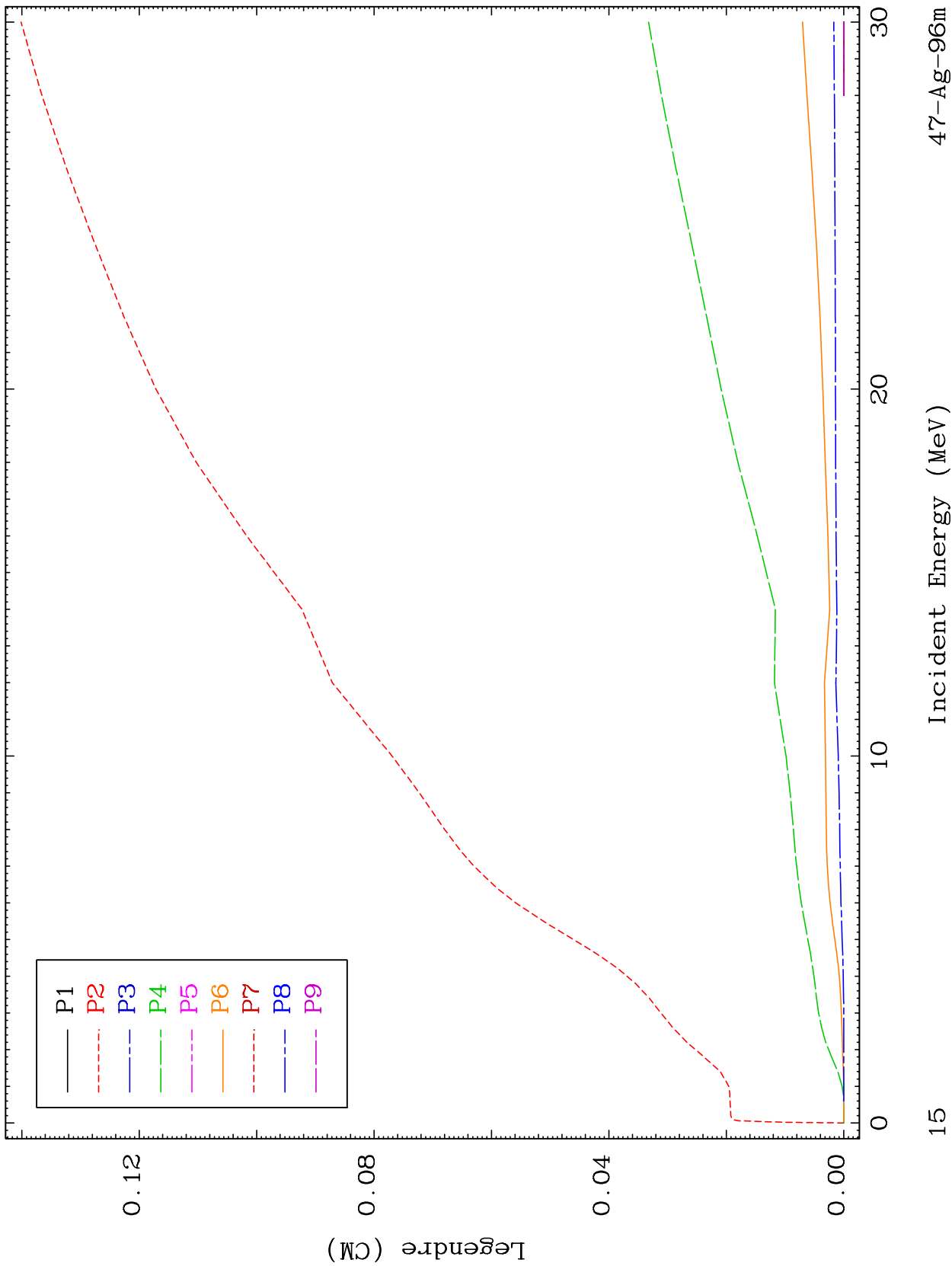
47-Ag-96m



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Elastic Legendre Coefficients

47-Ag-96m



47-Ag-96m

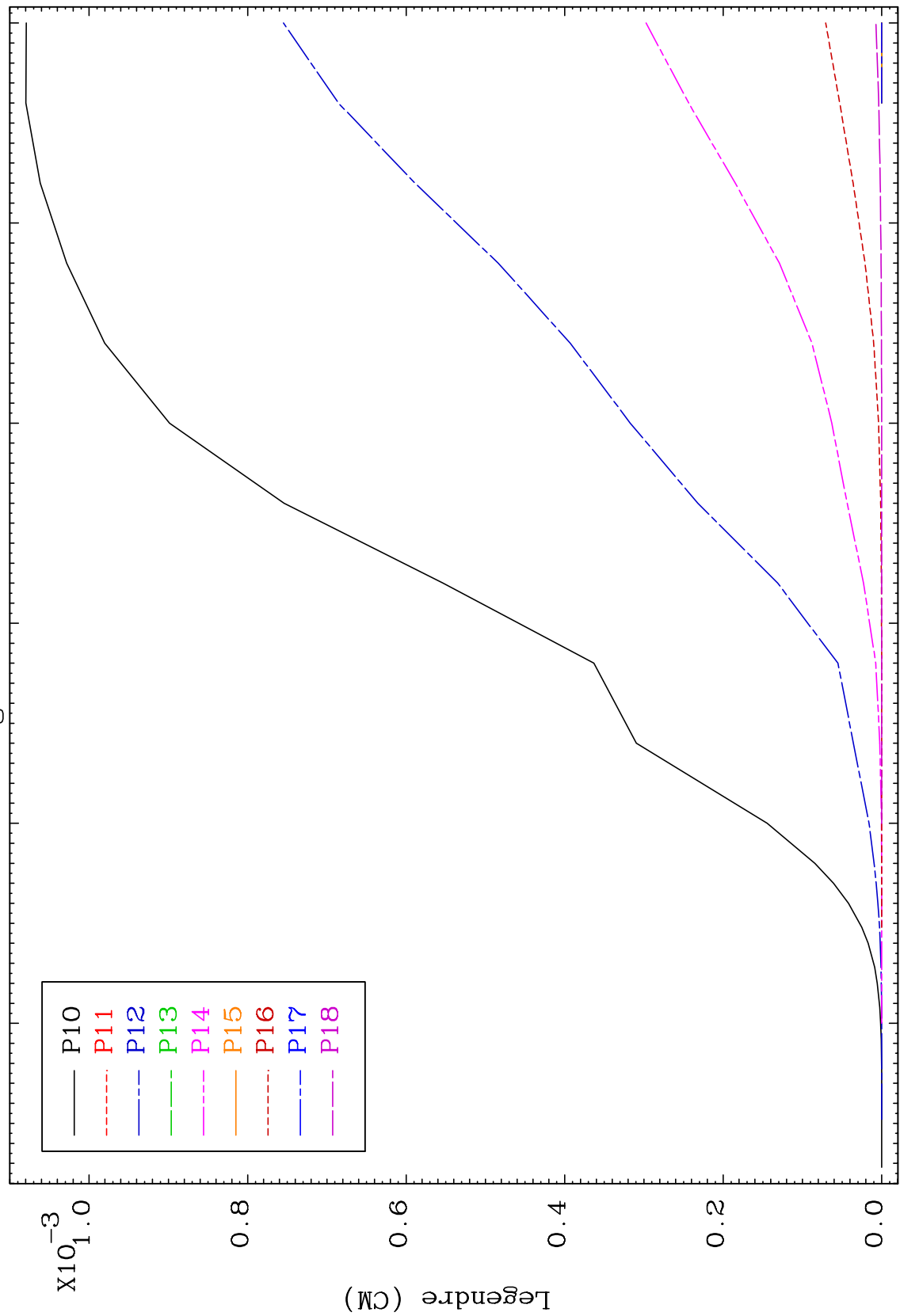
Incident Energy (MeV)

15

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Elastic Legendre Coefficients

47-Ag-96m



16

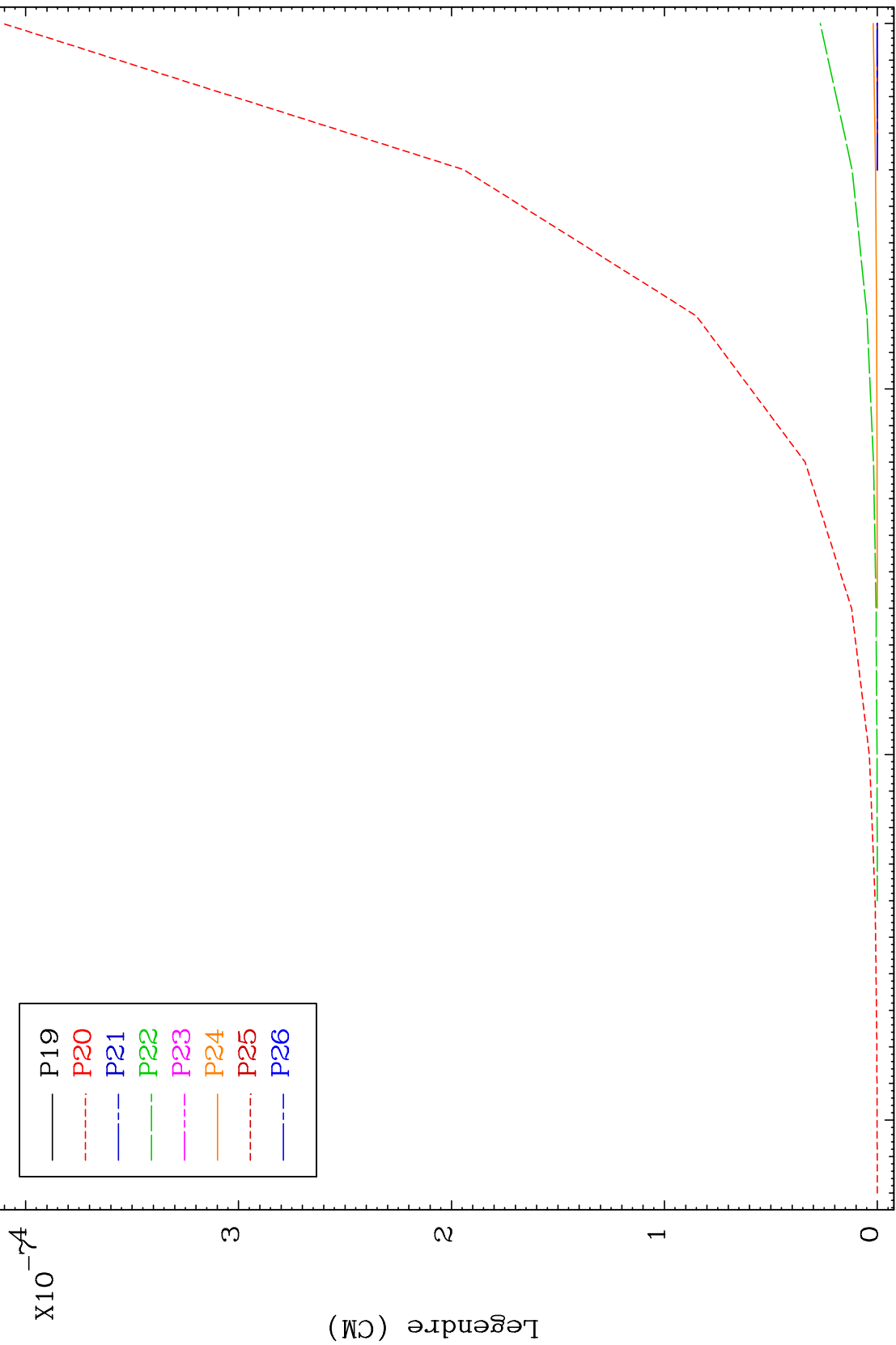
47-Ag-96m

Incident Energy (MeV)

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Elastic
Legendre Coefficients

47-Ag-96m



17

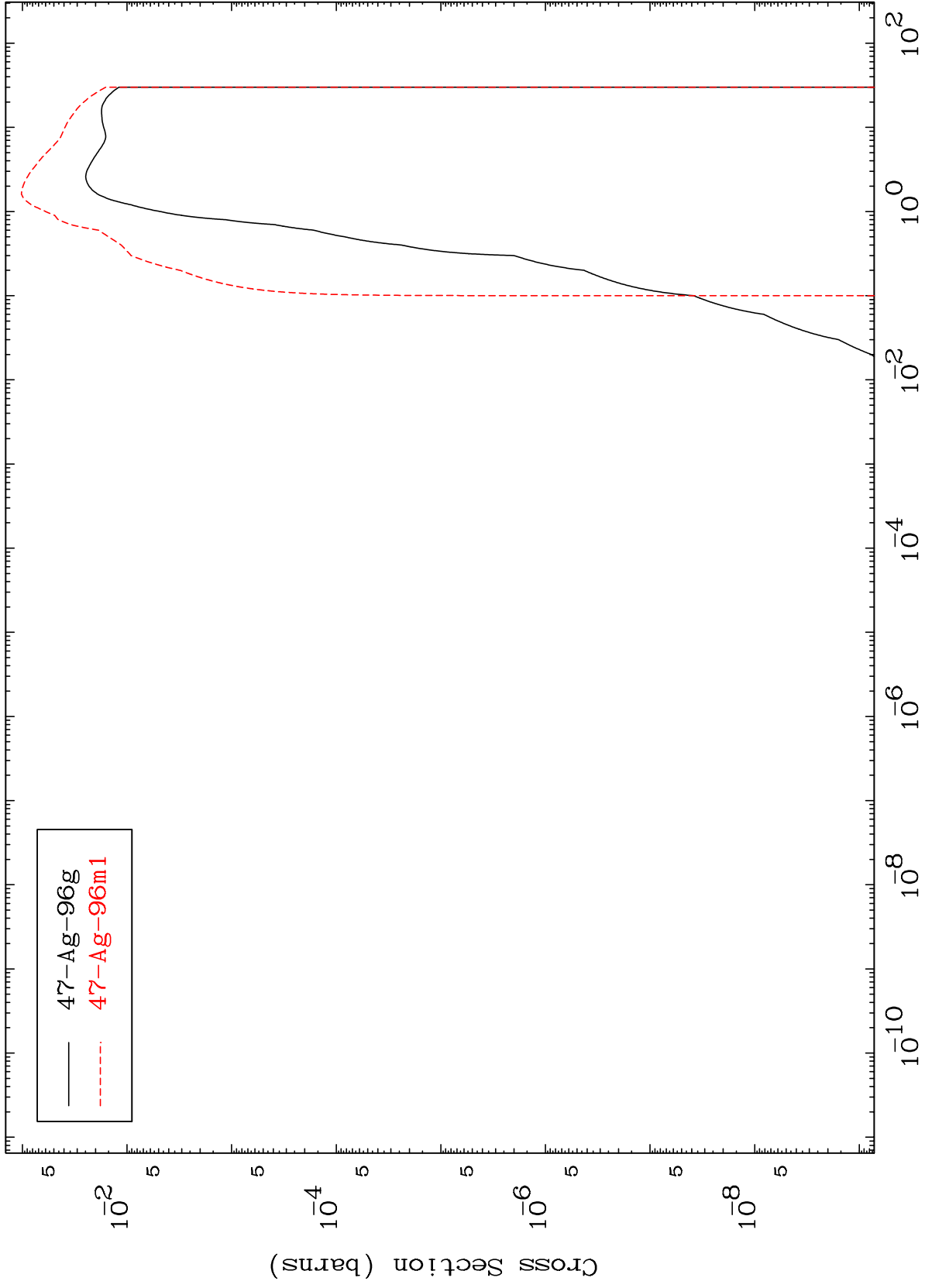
Incident Energy (MeV)

47-Ag-96m

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Inelastic
Radionuclide Production Cross Section

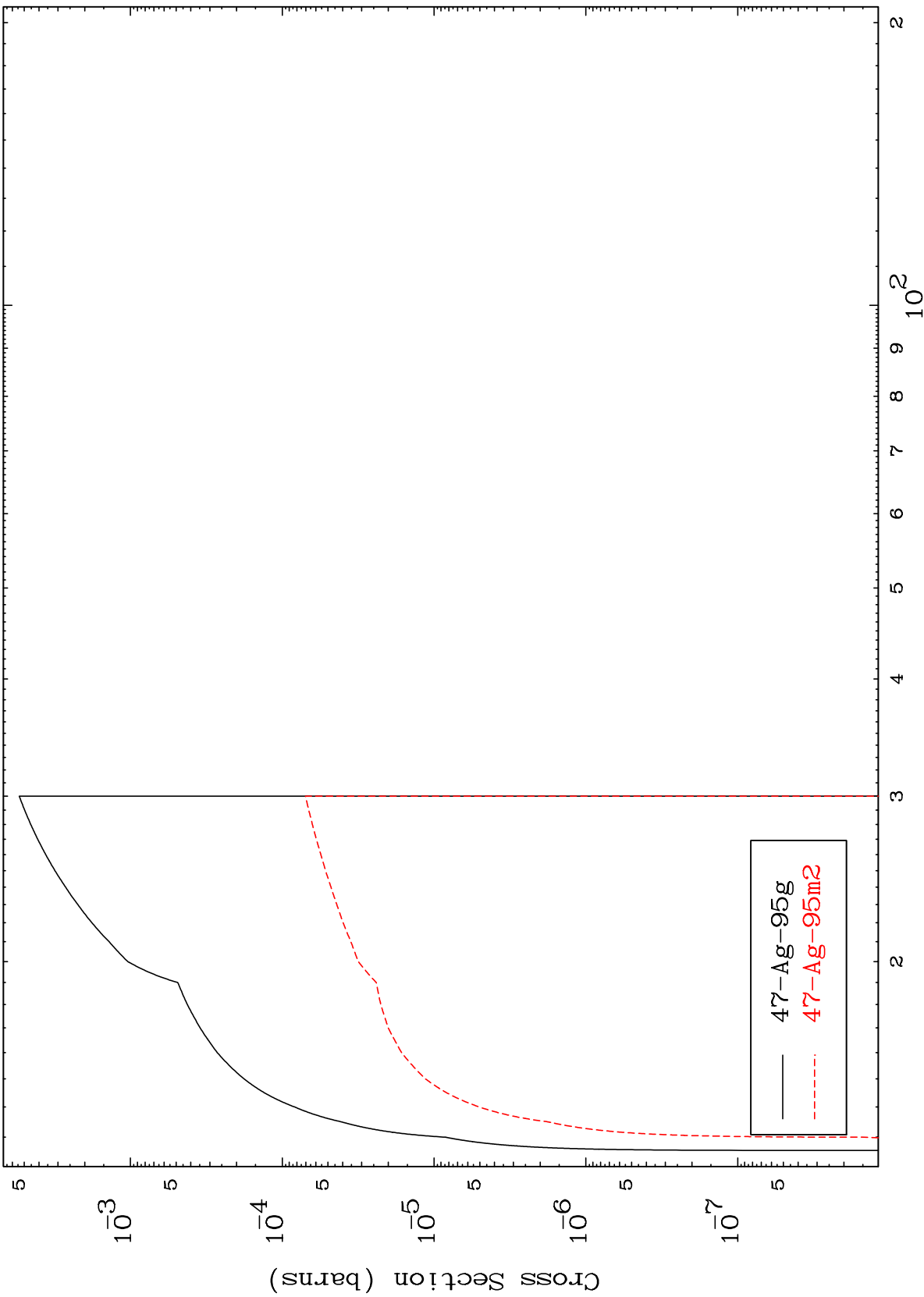
47-Ag-96m



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47-Ag-96m

(n,2n)
Radionuclide Production Cross Section



47-Ag-96m

Incident Energy (MeV)

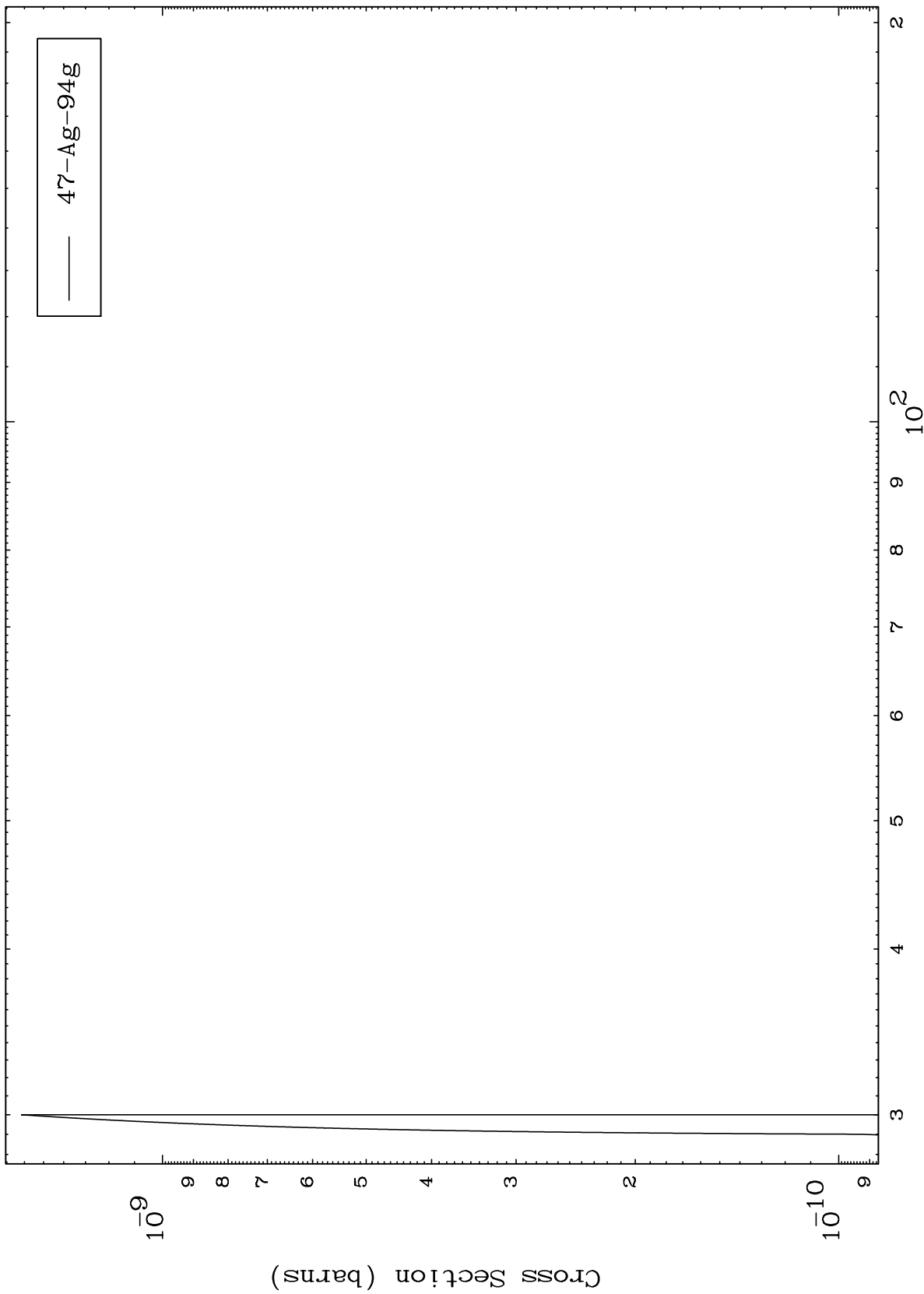
19

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47-Ag-96m

(n,3n)

Radionuclide Production Cross Section



20

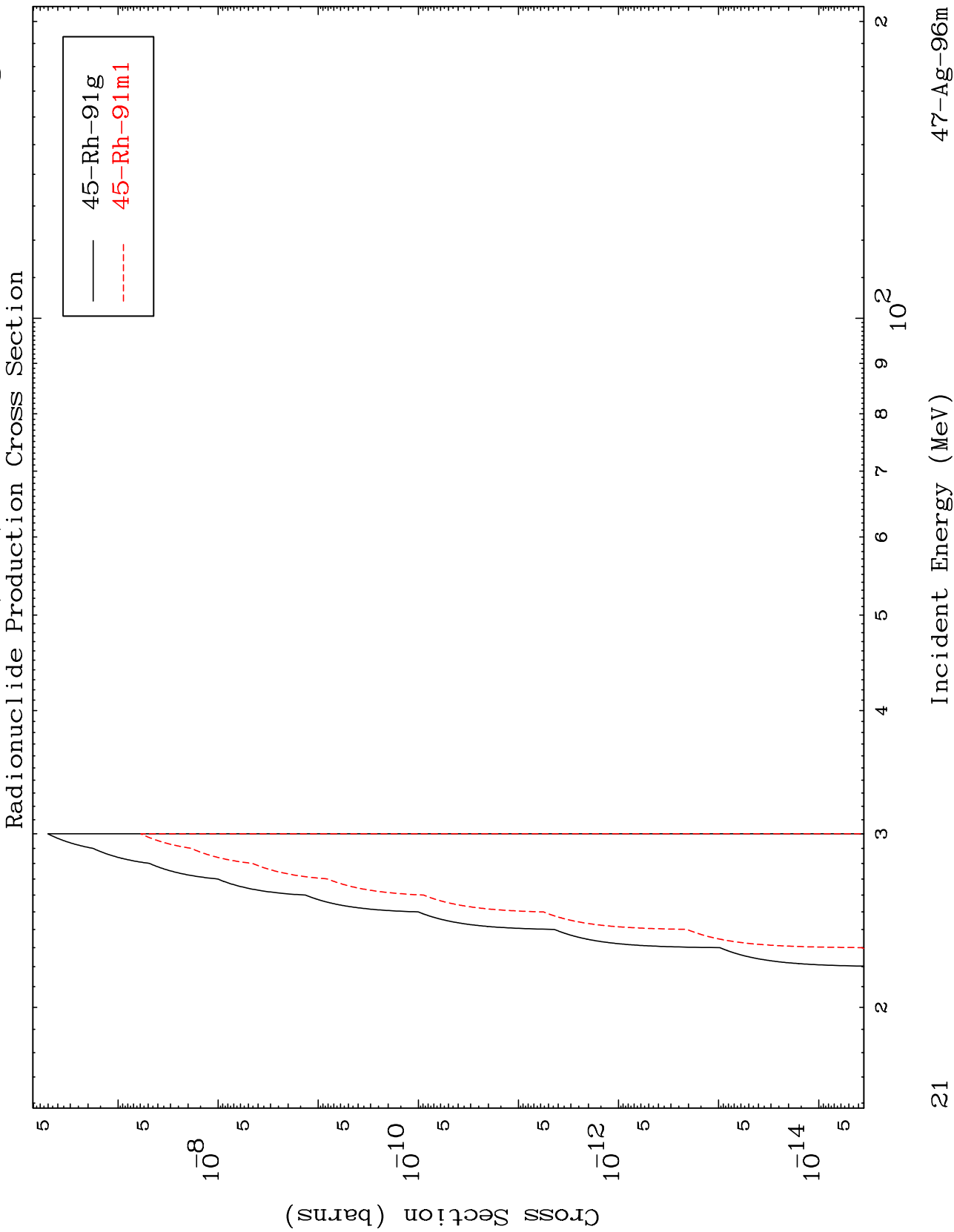
Incident Energy (MeV)

47-Ag-96m

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(n,2n) α

47-Ag-96m



21

Incident Energy (MeV)

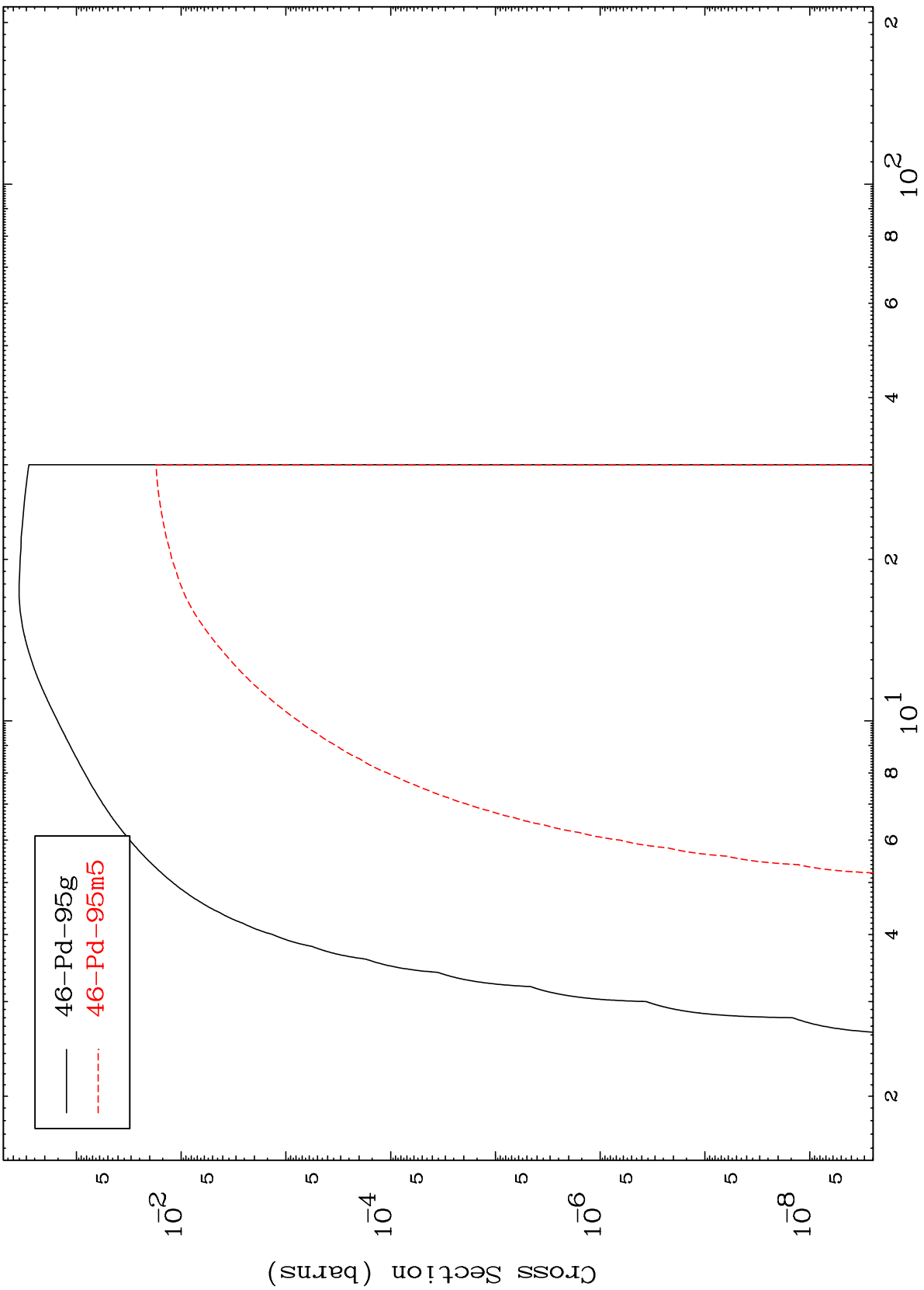
47-Ag-96m

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(n,n') p

47-Ag-96m

Radionuclide Production Cross Section

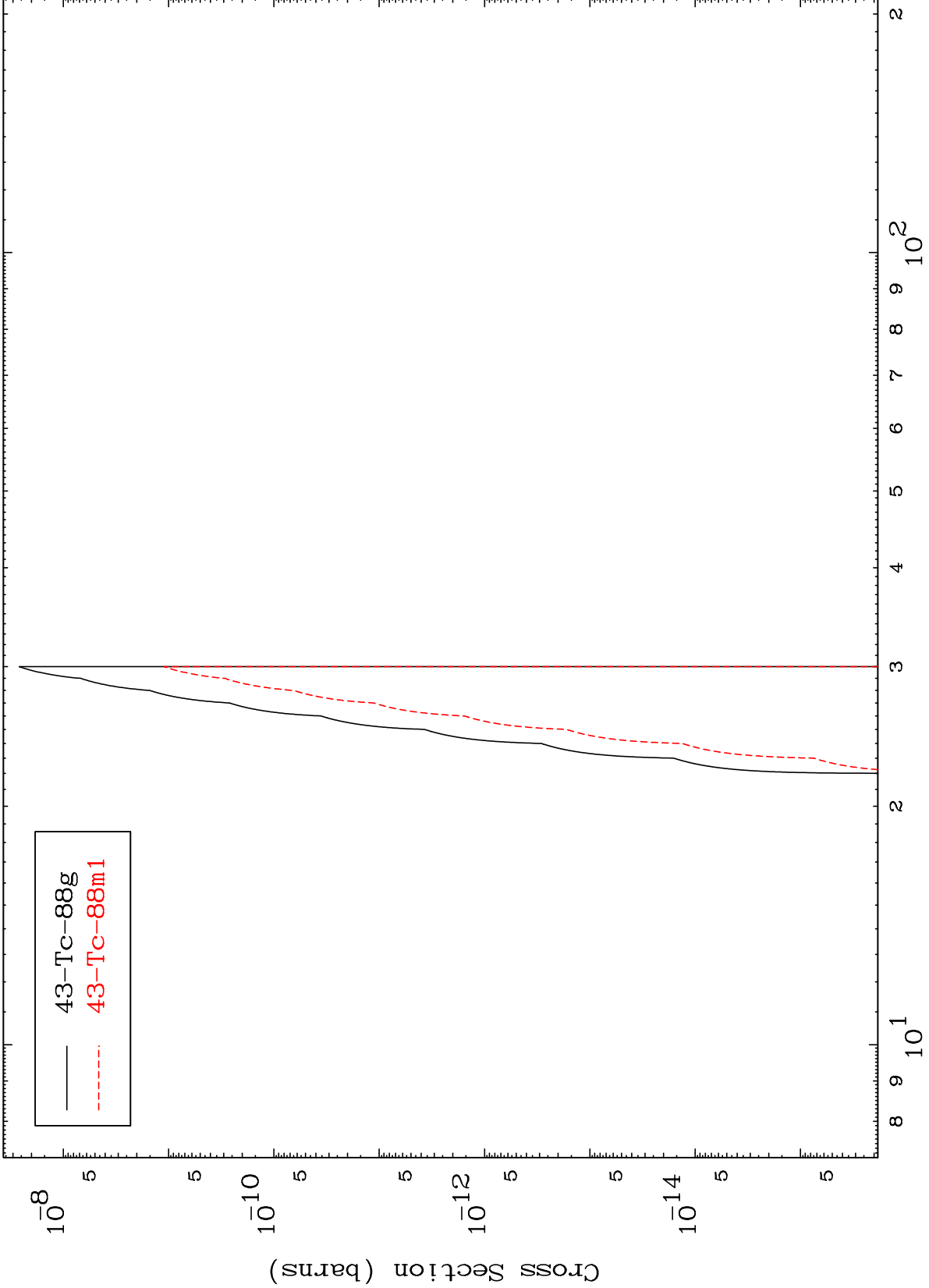


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(n,n') 2α

47-Ag-96m

Radionuclide Production Cross Section



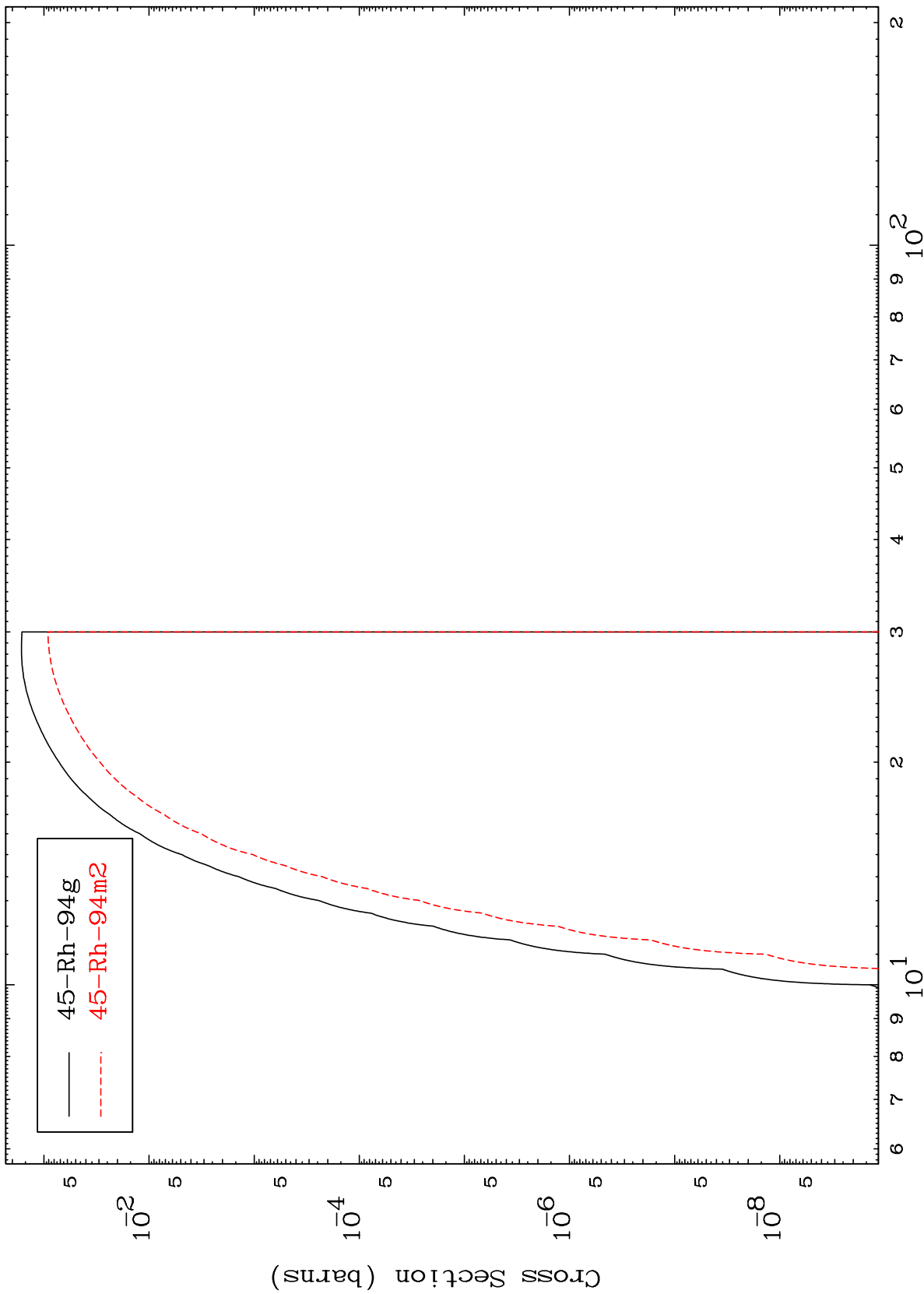
— 43-Tc-88g
- - - 43-Tc-88m1

MAT 4693

(n,2n) p

47-Ag-96m

Radionuclide Production Cross Section



45-Rh-94g
45-Rh-94m2

24

Incident Energy (MeV)

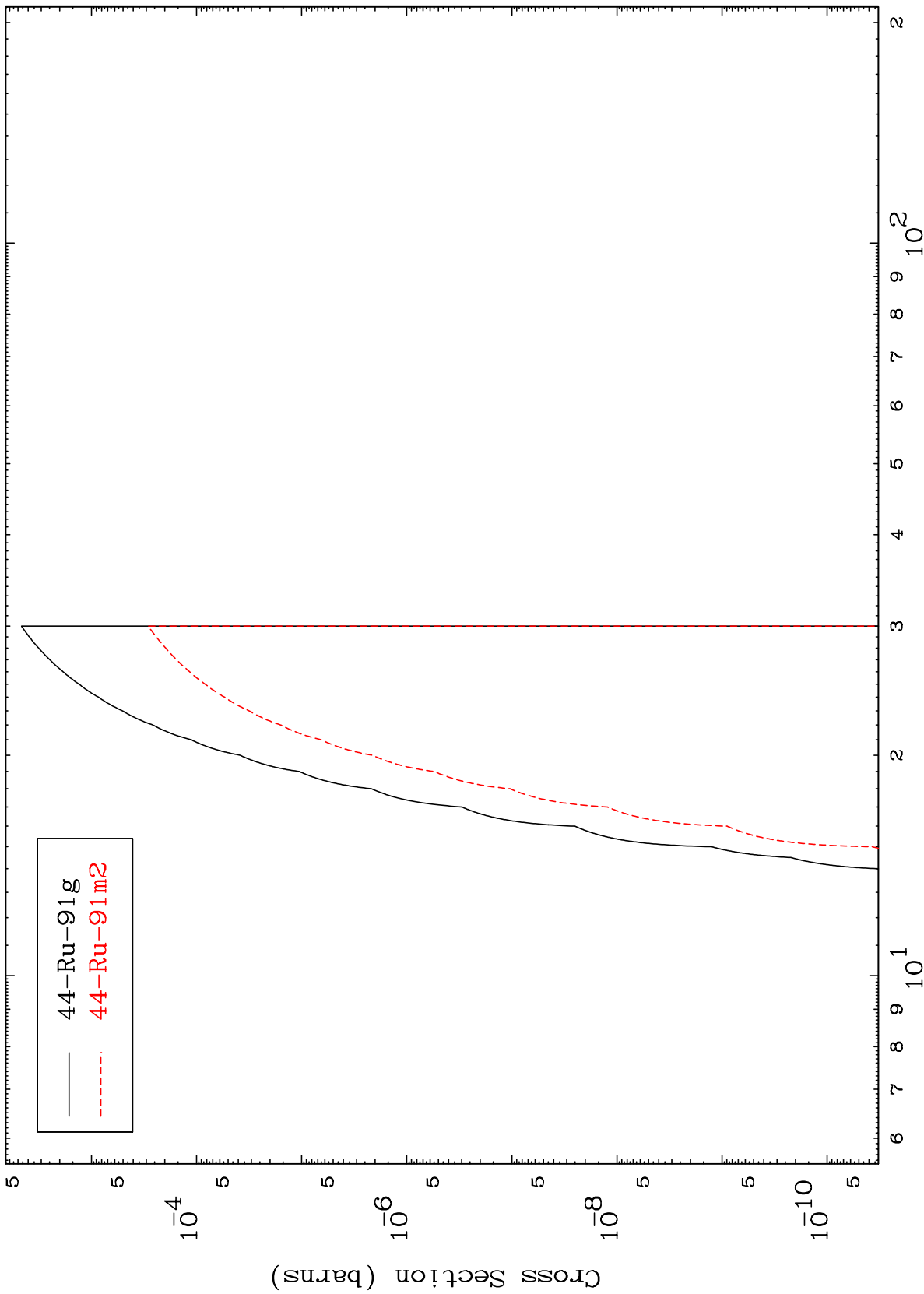
47-Ag-96m

MAT 4693

(n,n') p α

47-Ag-96m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

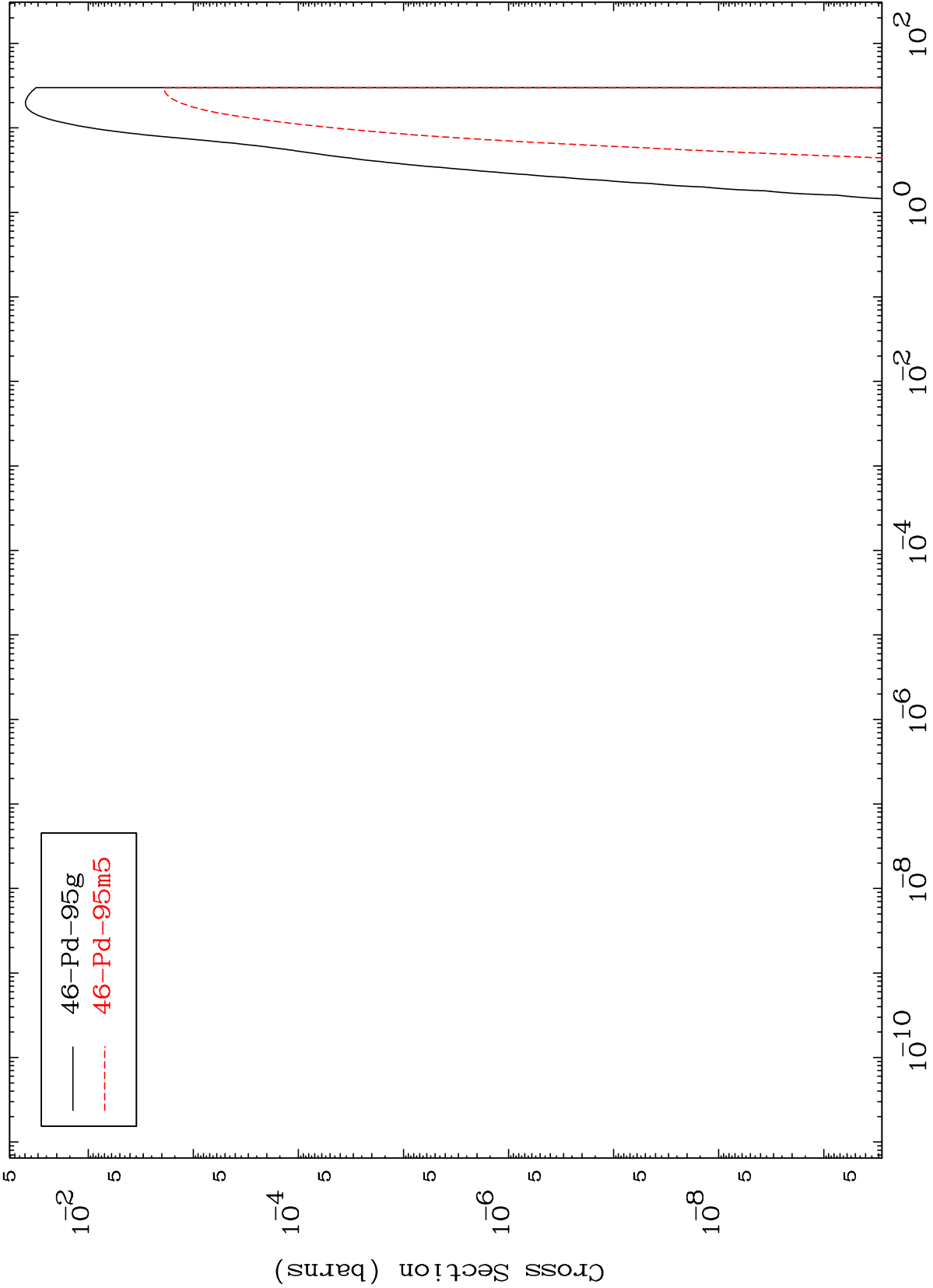
47-Ag-96m

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(n,d)

47-Ag-96m

Radionuclide Production Cross Section



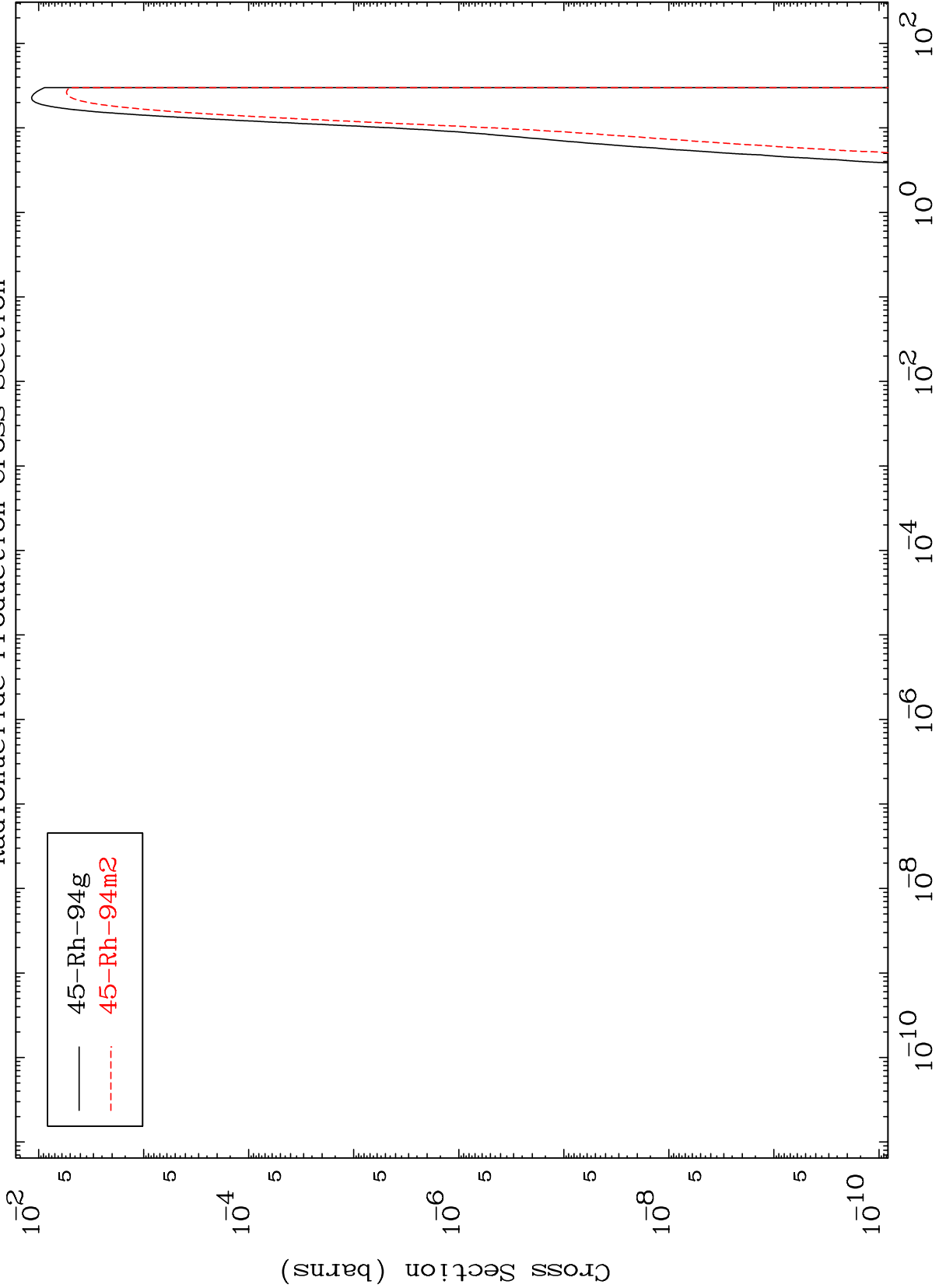
— 46-Pd-95g
- - - 46-Pd-95m5

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(n,He-3)

47-Ag-96m

Radionuclide Production Cross Section

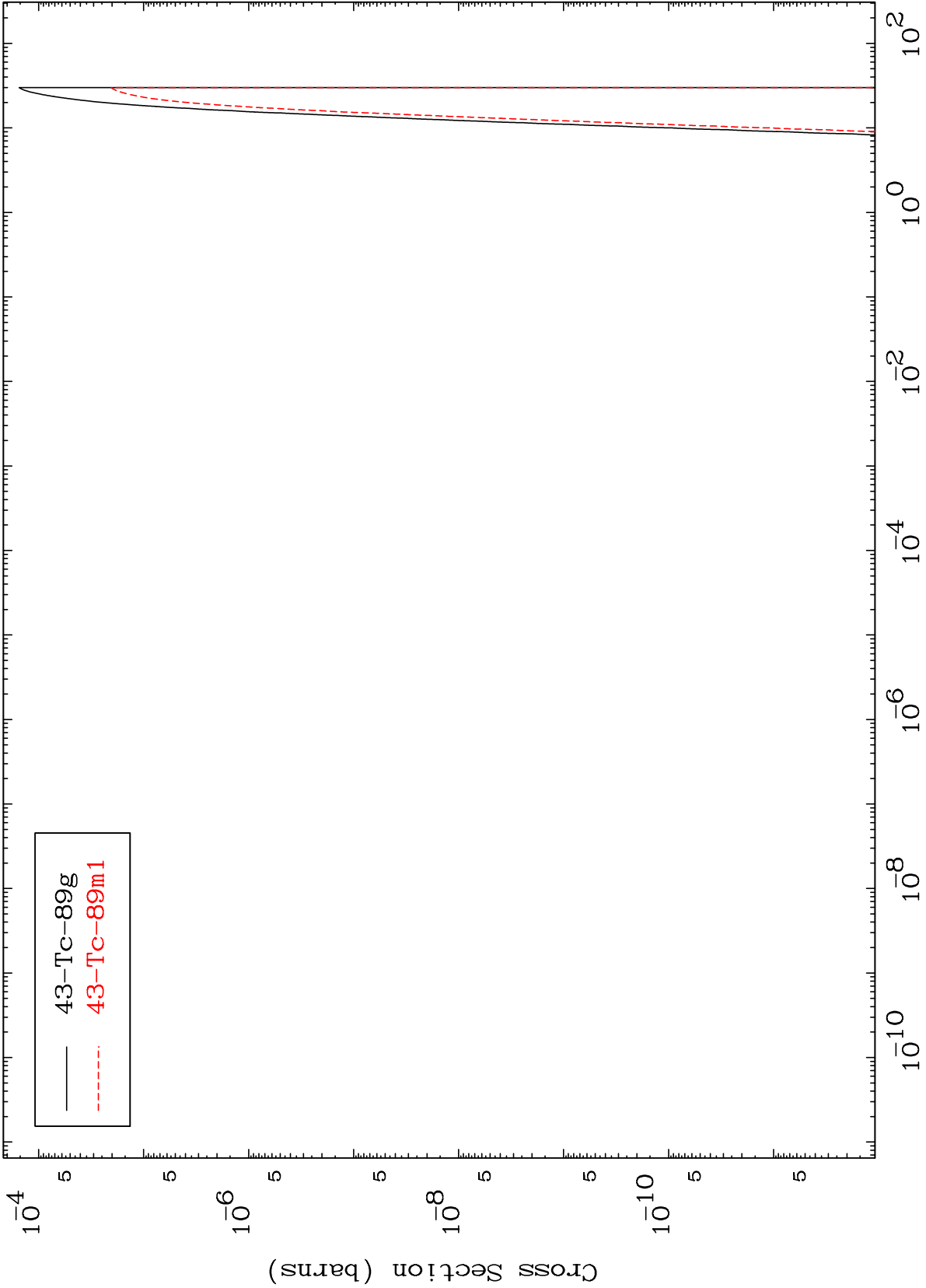


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(n,2α)

47-Ag-96m

Radionuclide Production Cross Section

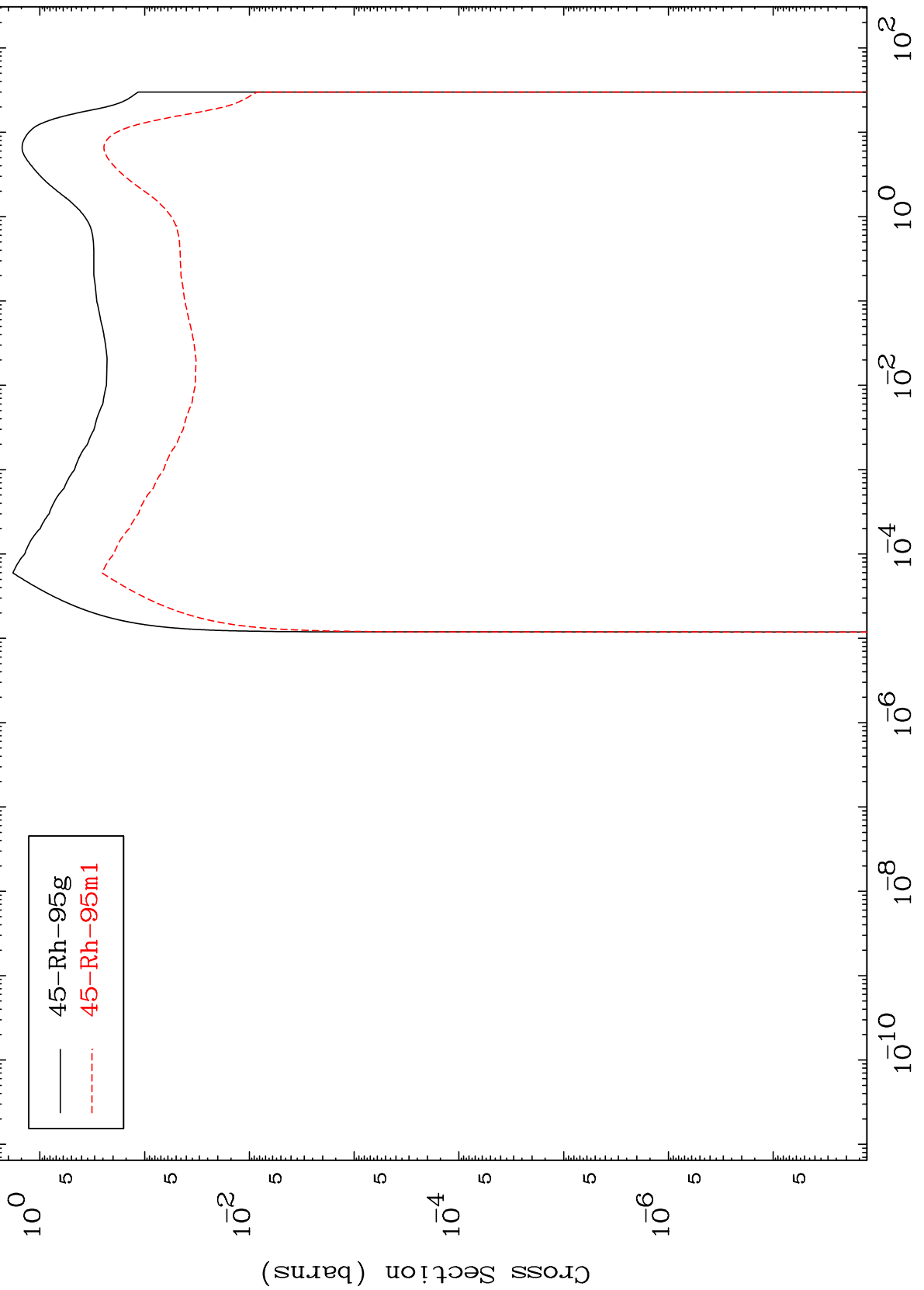


— 43-Tc-89g
- - - 43-Tc-89m1

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47-Ag-96m

(n,2p)
Radionuclide Production Cross Section



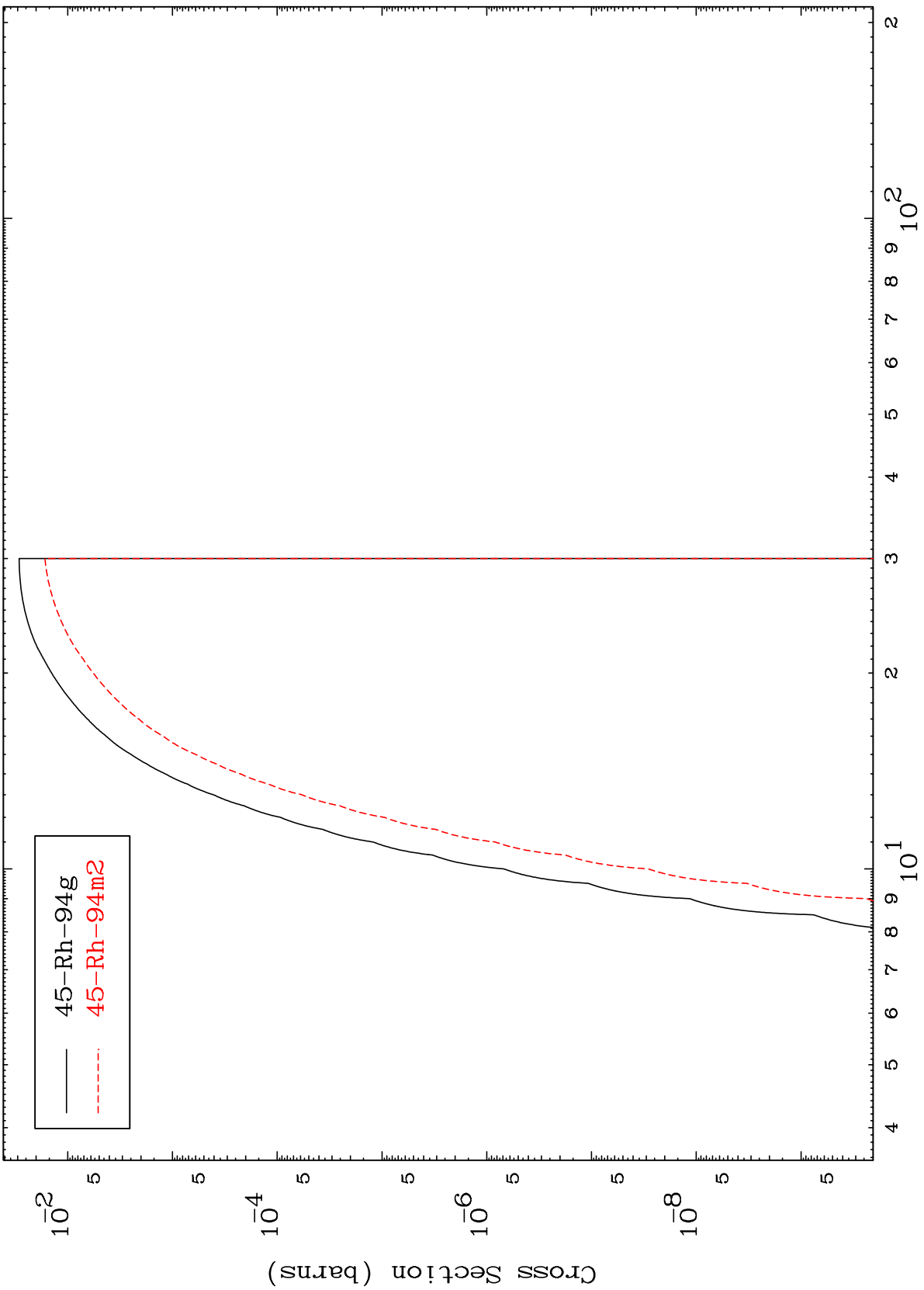
— 45-Rh-95g
- - - 45-Rh-95m1

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(n,p) d

47-Ag-96m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

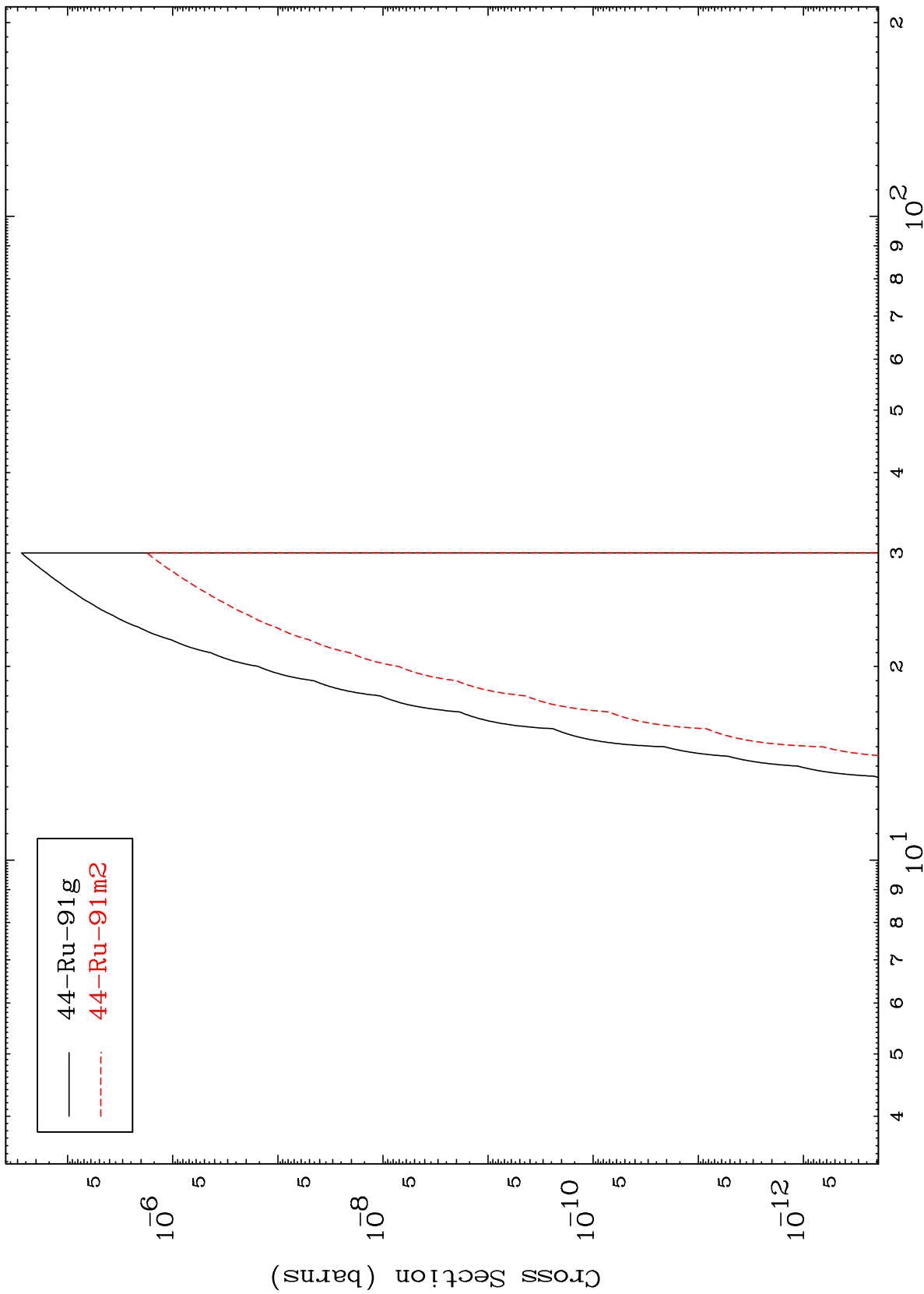
47-Ag-96m

MAT 4693

(n,d) α

47-Ag-96m

Radionuclide Production Cross Section



— 44-Ru-91g
- - - 44-Ru-91m2