

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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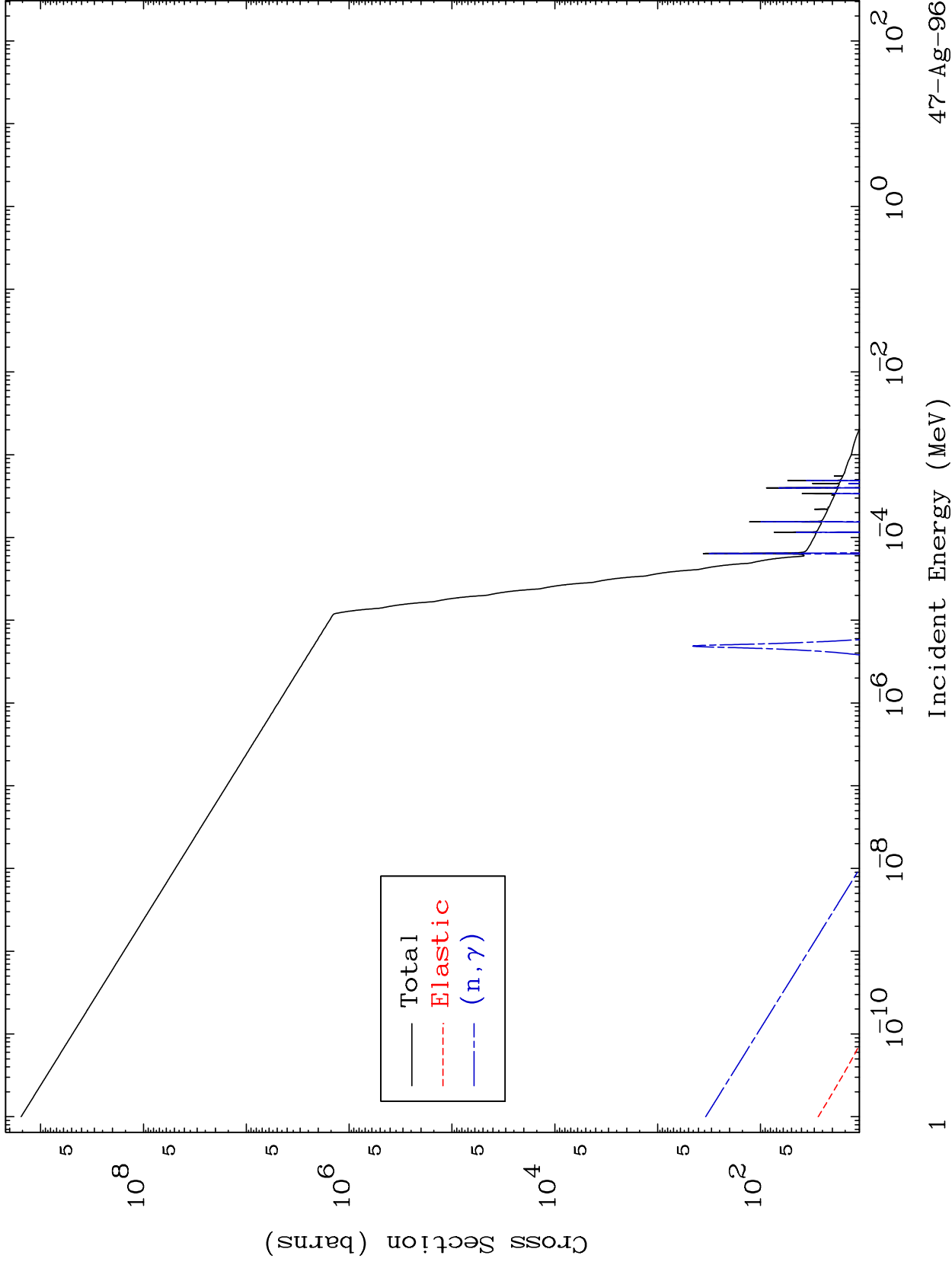
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4693

Major  
293 Kelvin Cross Sections

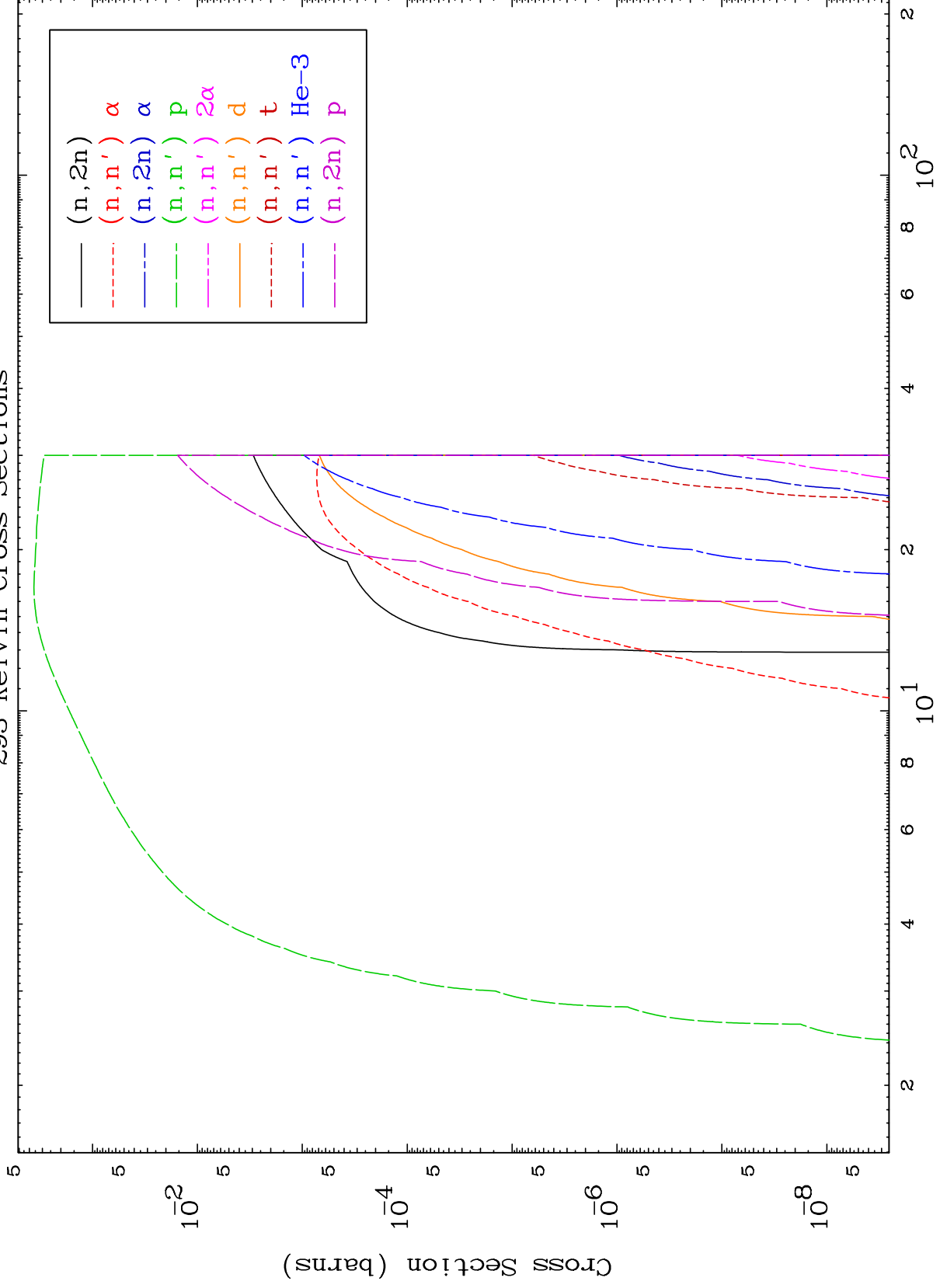
47-Ag-96



MAT 4693

Neutron Production  
293 Kelvin Cross Sections

47-Ag-96



2

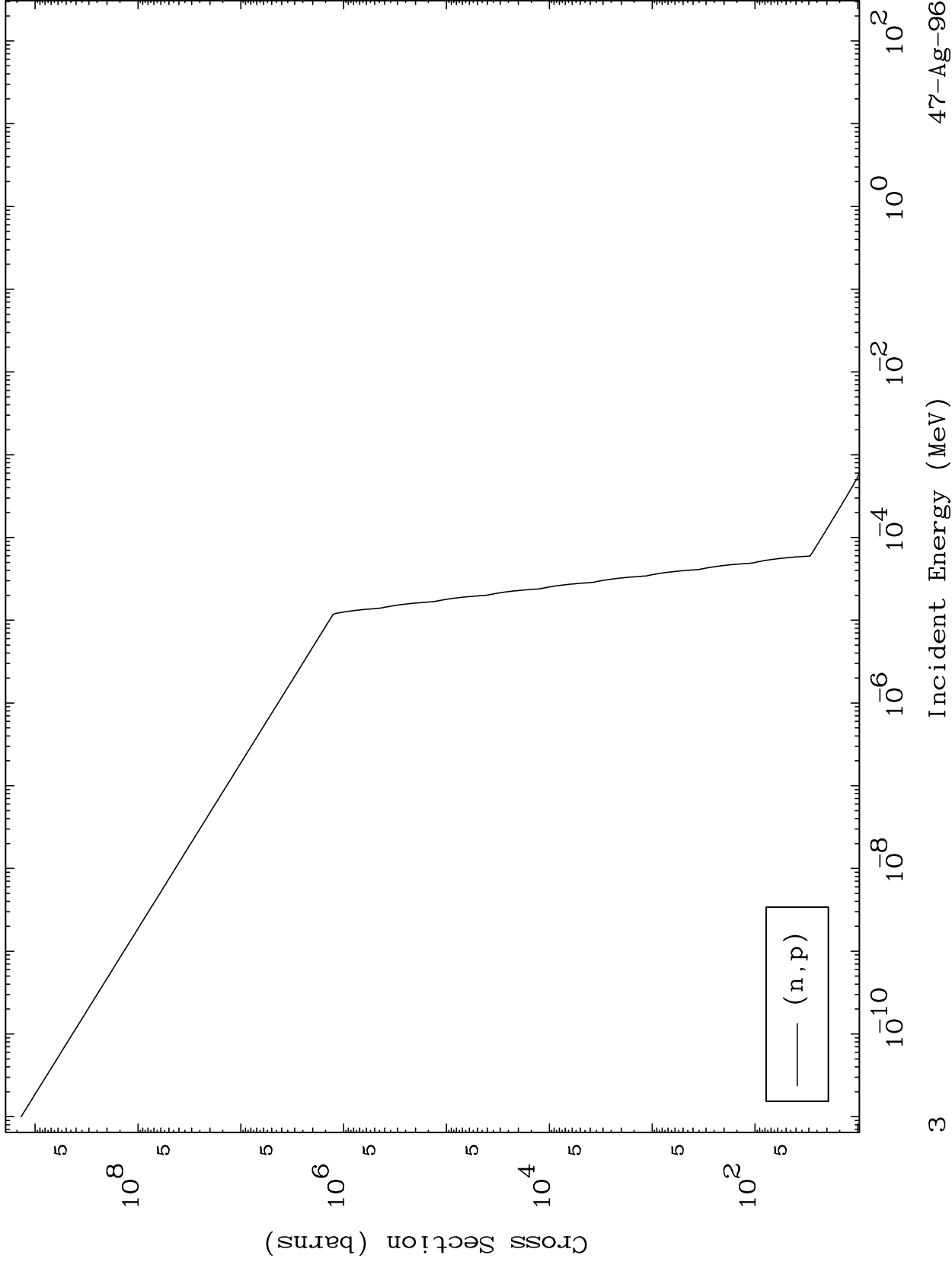
Incident Energy (MeV)

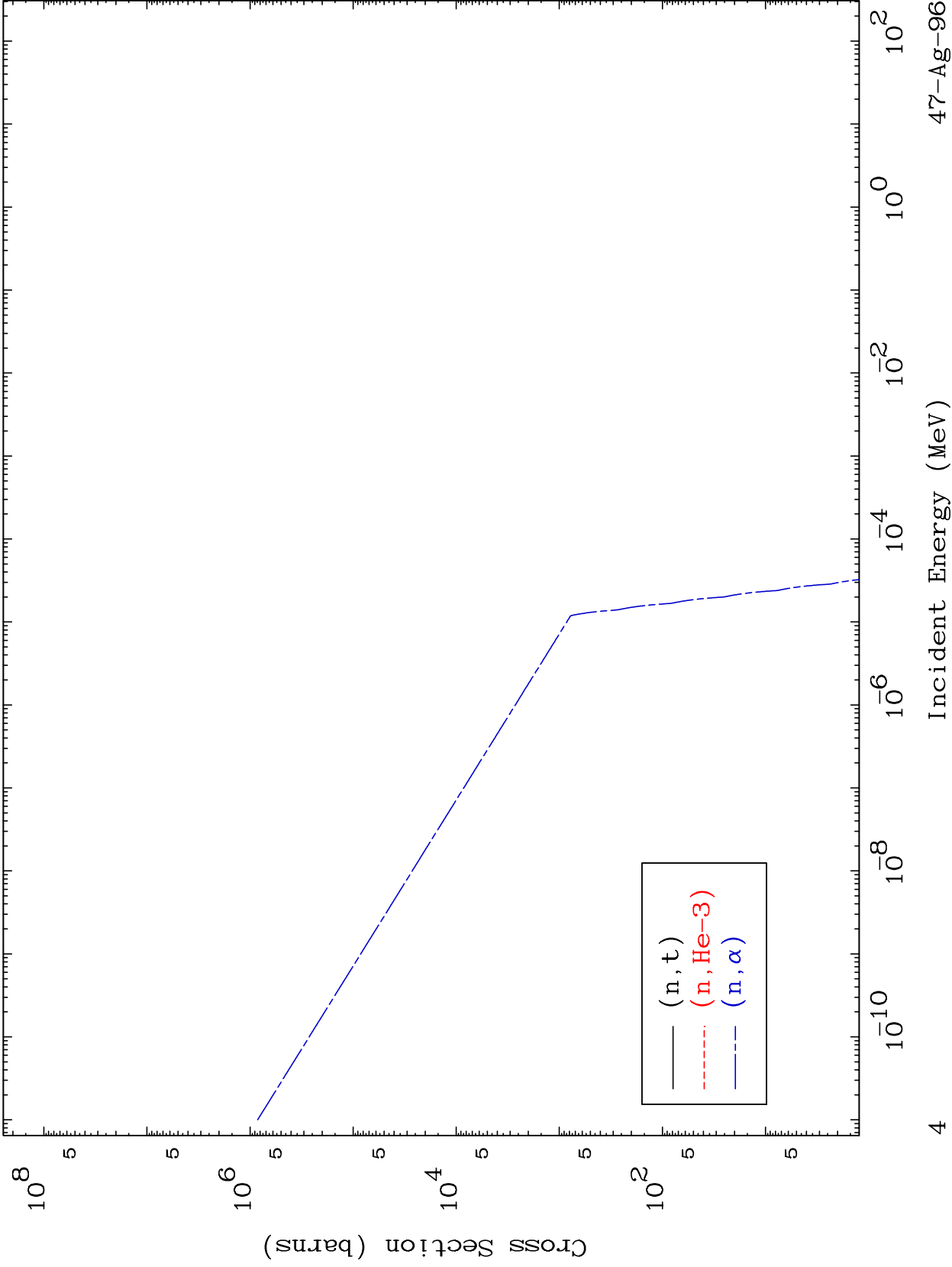
47-Ag-96

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Charged Particle  
293 Kelvin Cross Sections

47-Ag-96

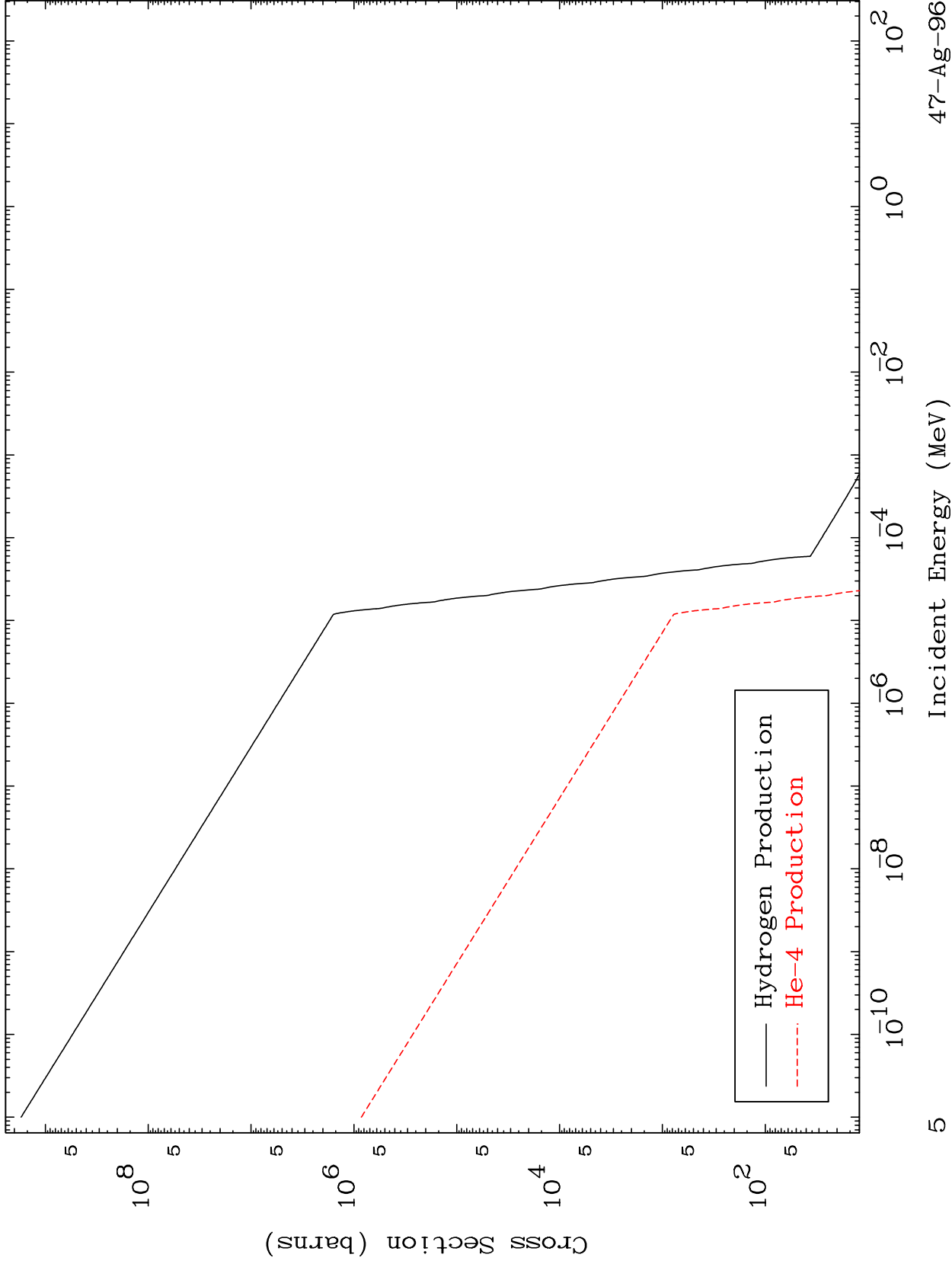




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Particle Production  
293 Kelvin Cross Sections

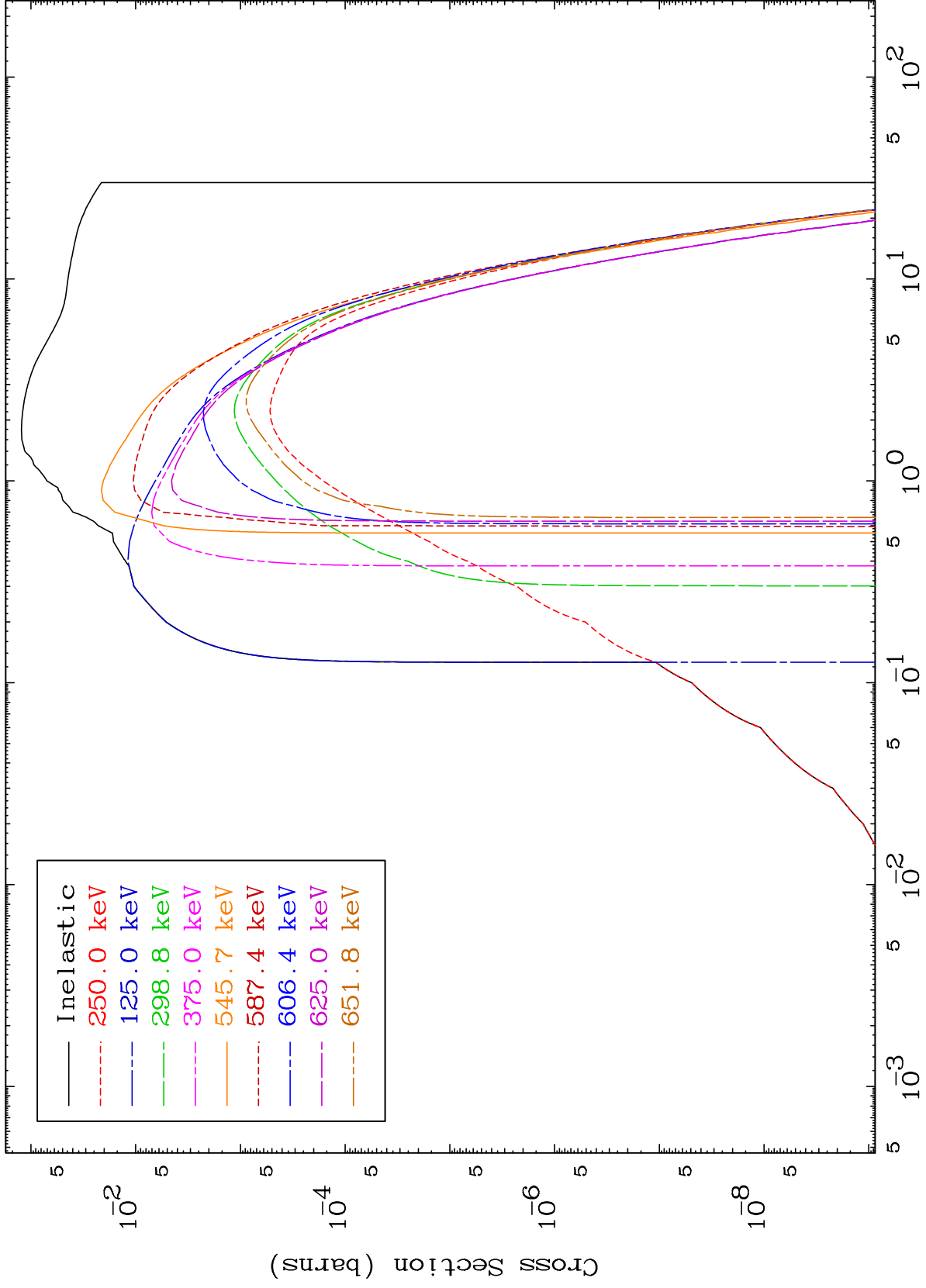
47-Ag-96



MAT 4693

293 Kelvin Cross Sections  
(n,n') Level

47-Ag-96



6

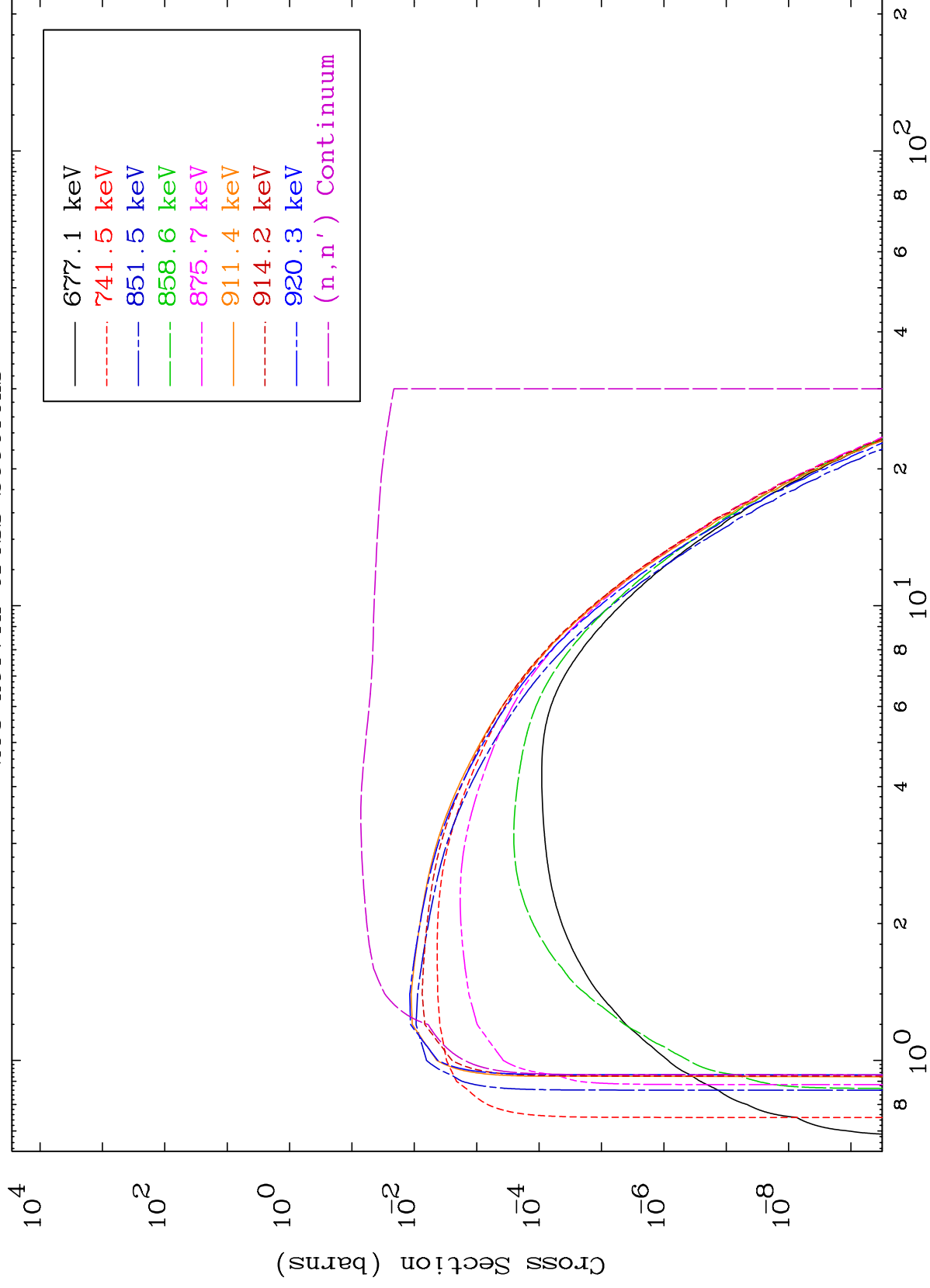
Incident Energy (MeV)

47-Ag-96

MAT 4693

(n,n') Level  
293 Kelvin Cross Sections

47-Ag-96



7

Incident Energy (MeV)

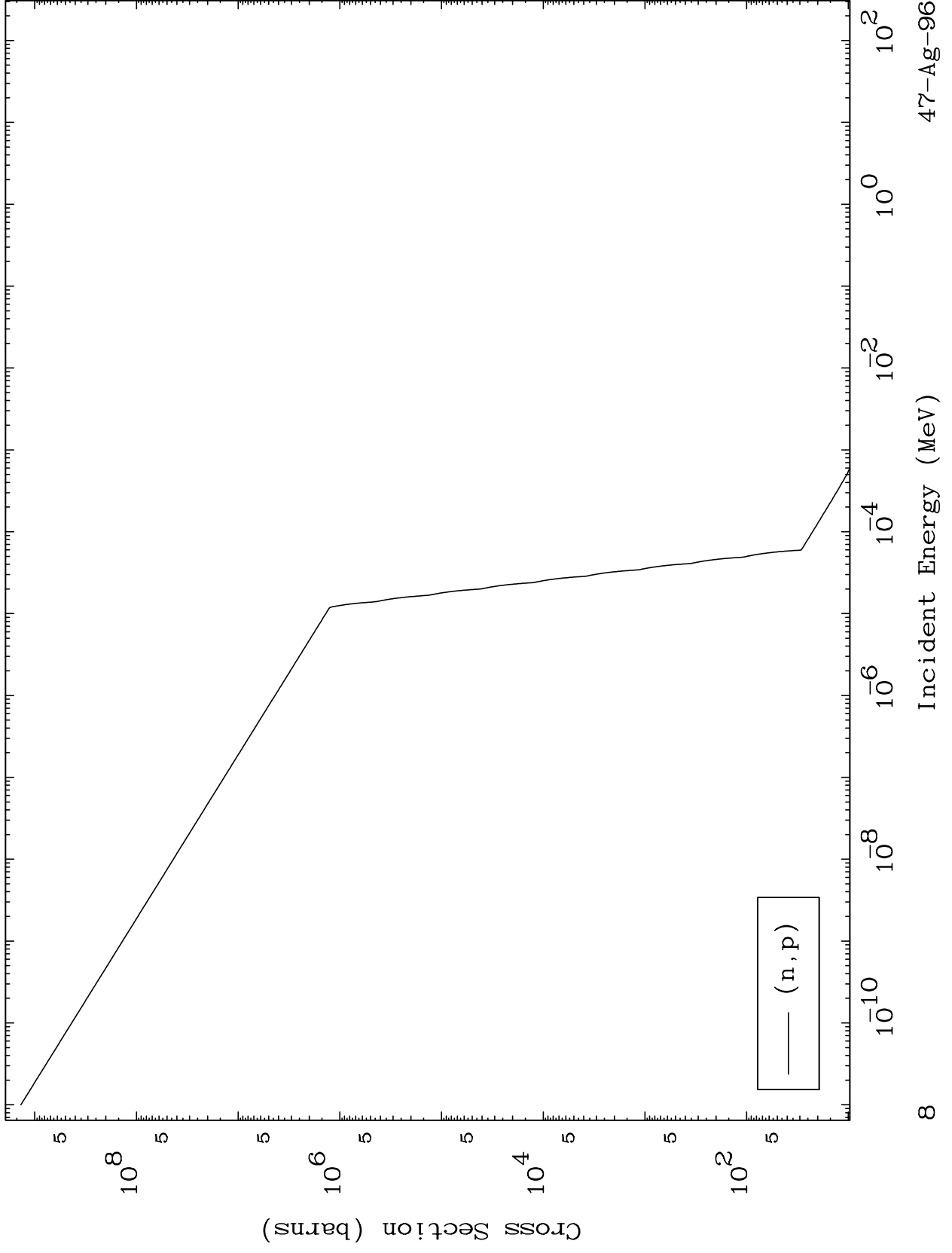
47-Ag-96



MAT 4693

(n,p) Levels  
293 Kelvin Cross Sections

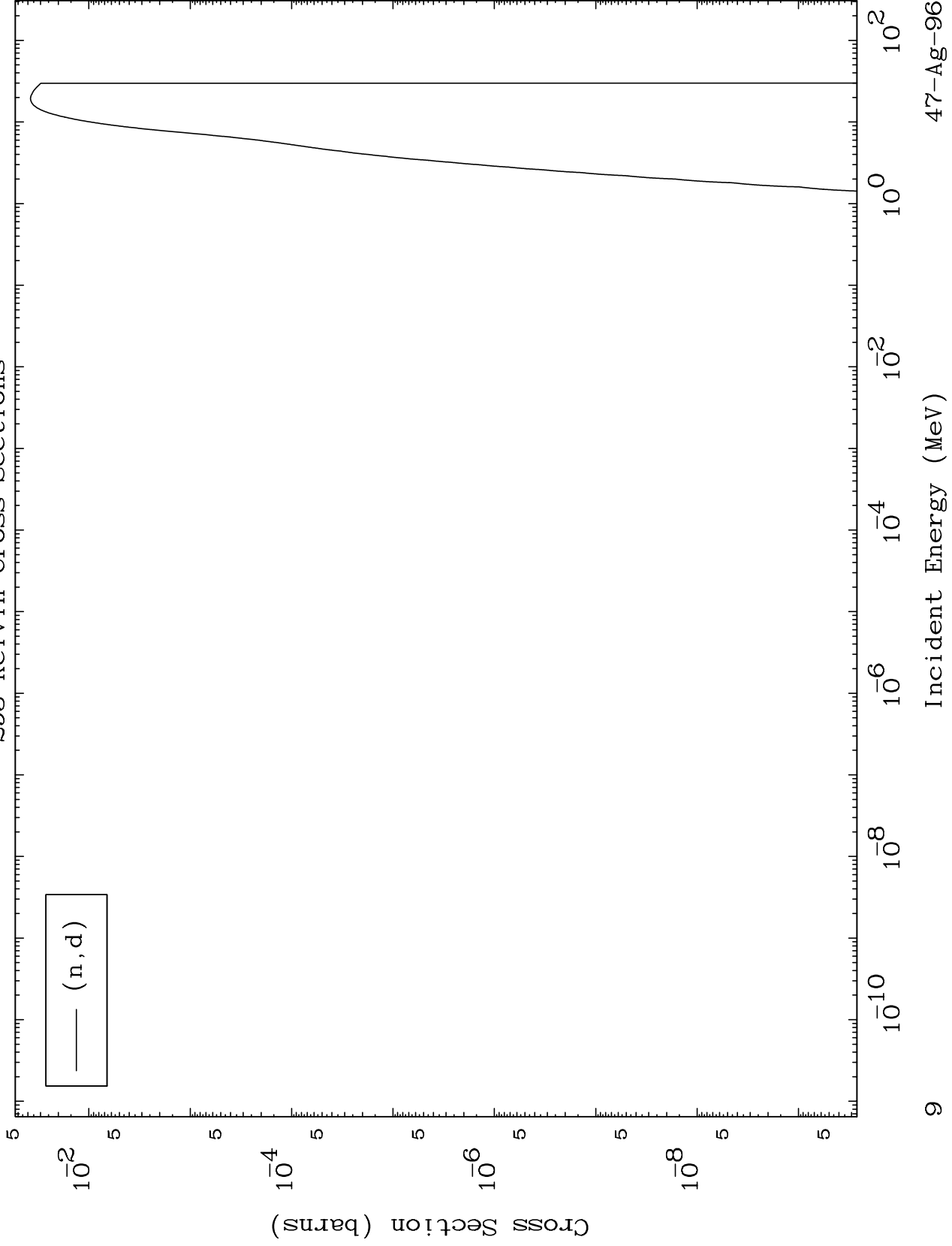
47-Ag-96



MAT 4693

(n,d) Levels  
293 Kelvin Cross Sections

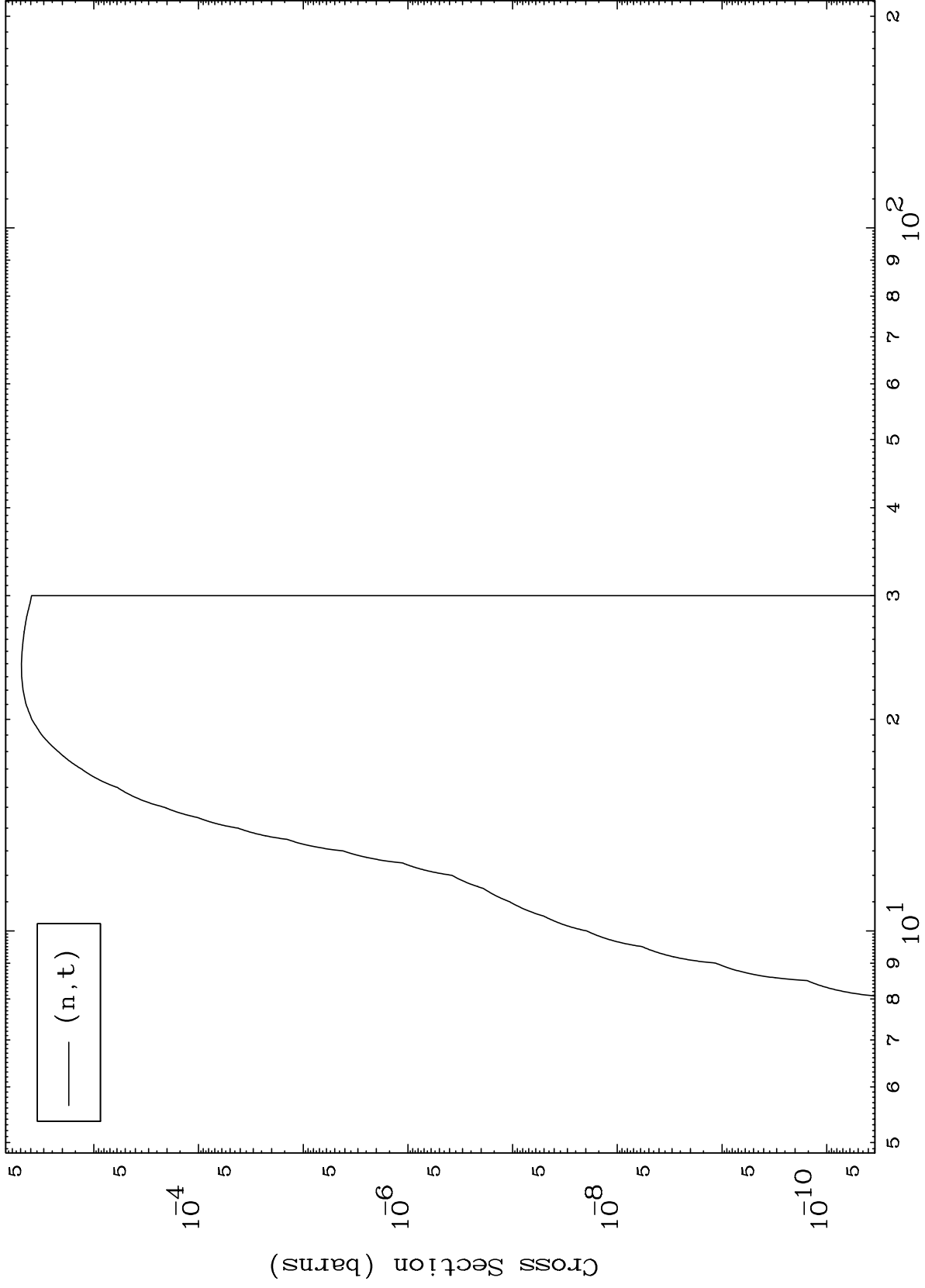
47-Ag-96



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(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-96



10

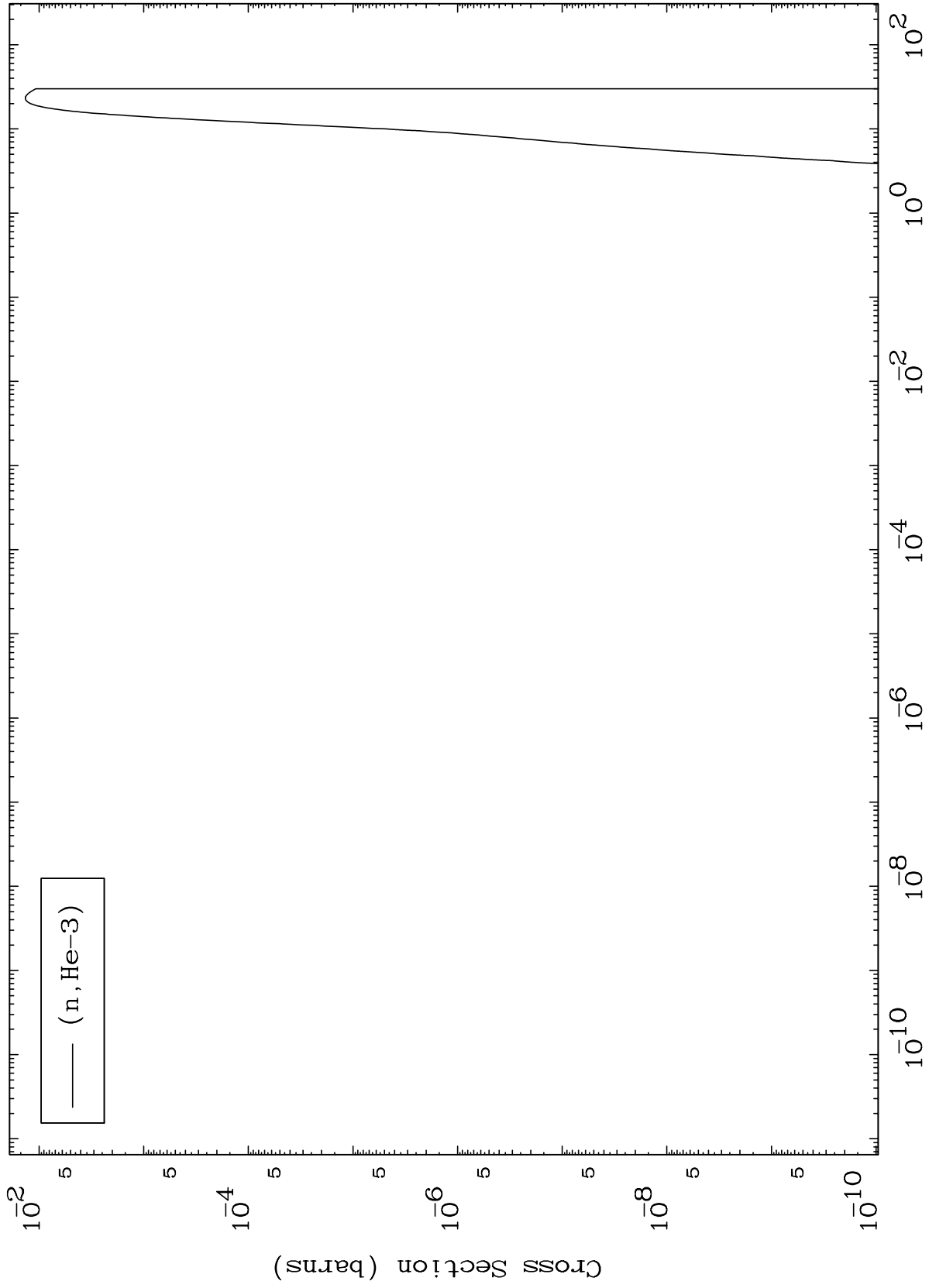
Incident Energy (MeV)

47-Ag-96

MAT 4693

(n,He3) Levels  
293 Kelvin Cross Sections

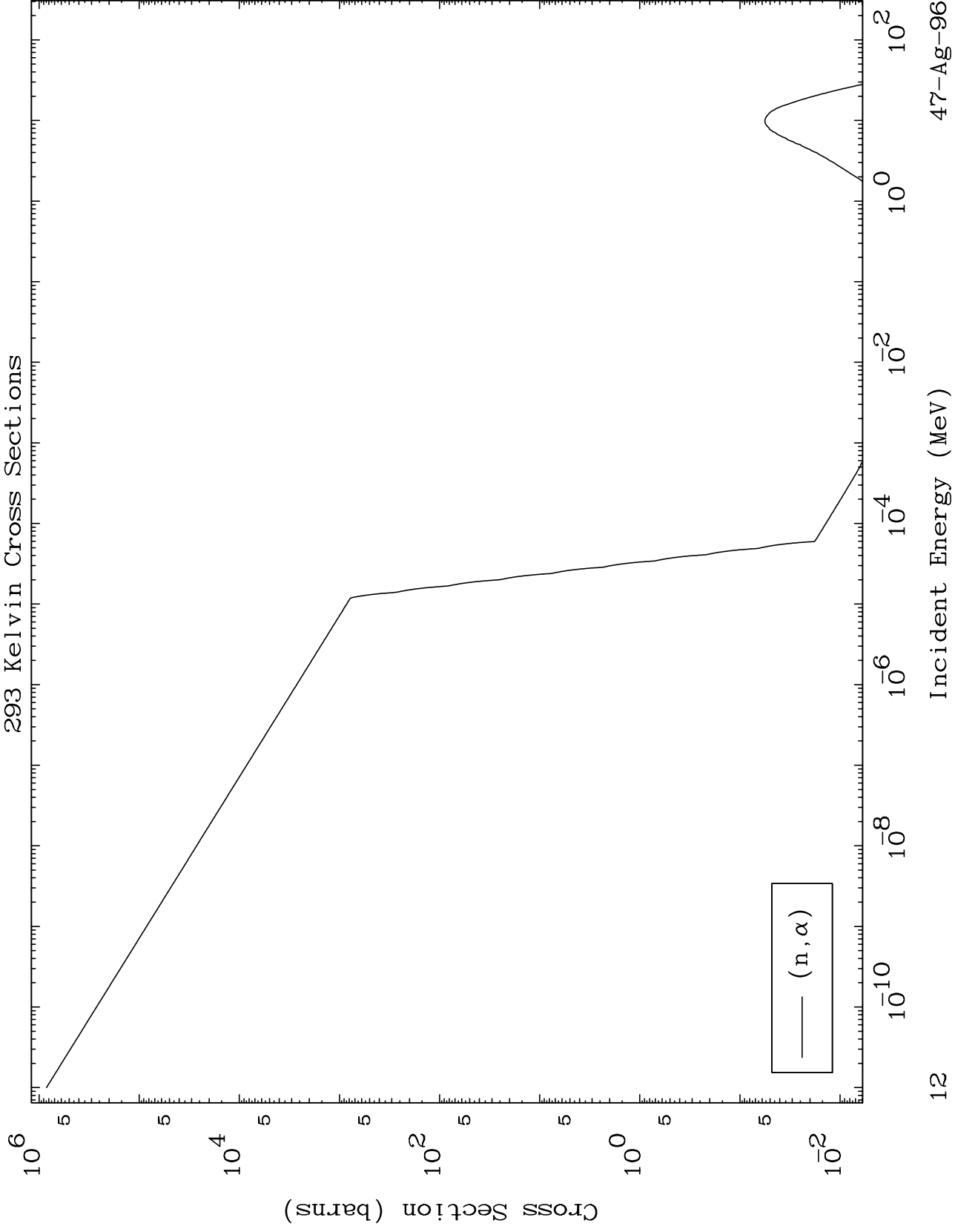
47-Ag-96



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(n,α) Levels  
293 Kelvin Cross Sections

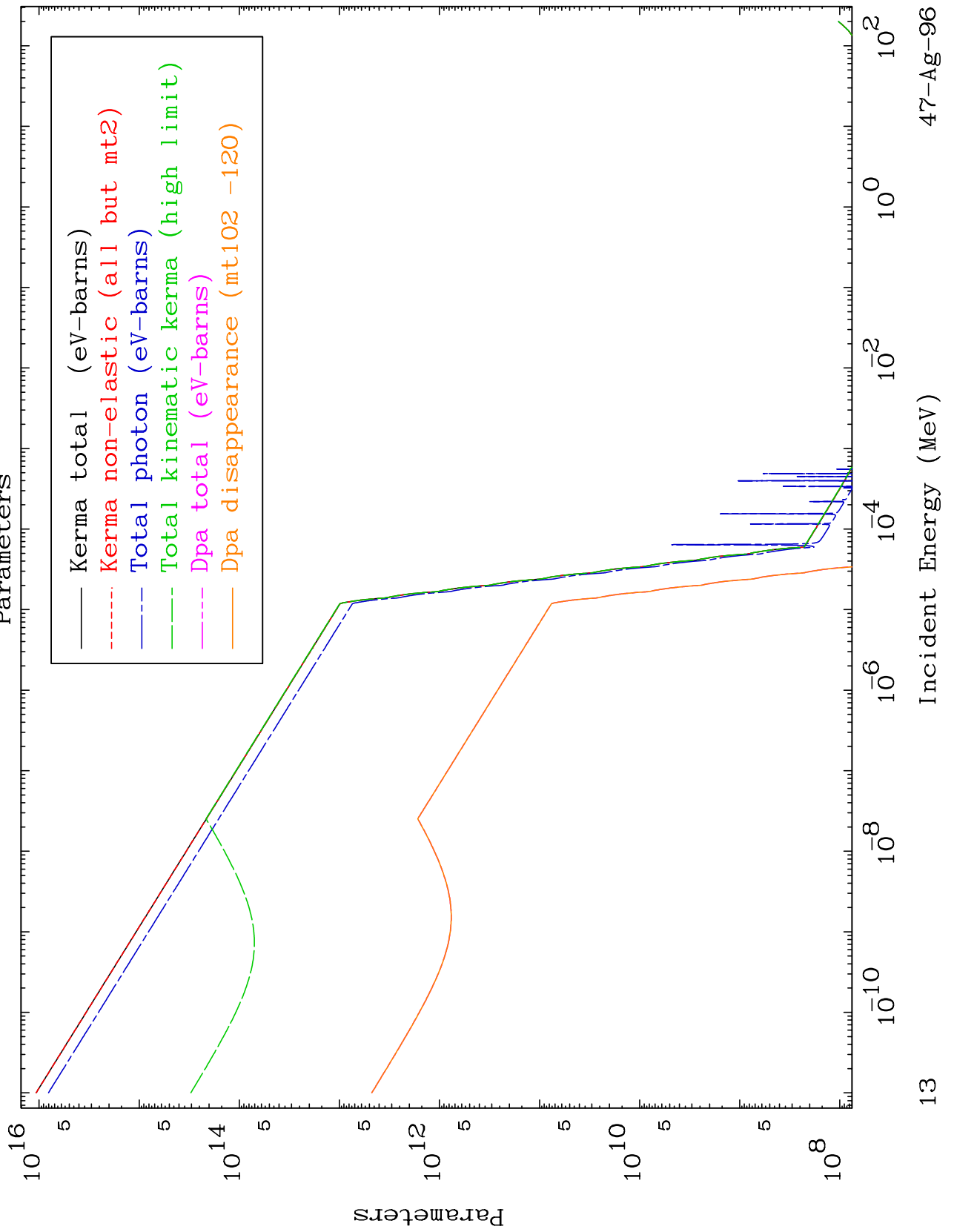
47-Ag-96



12

Incident Energy (MeV)

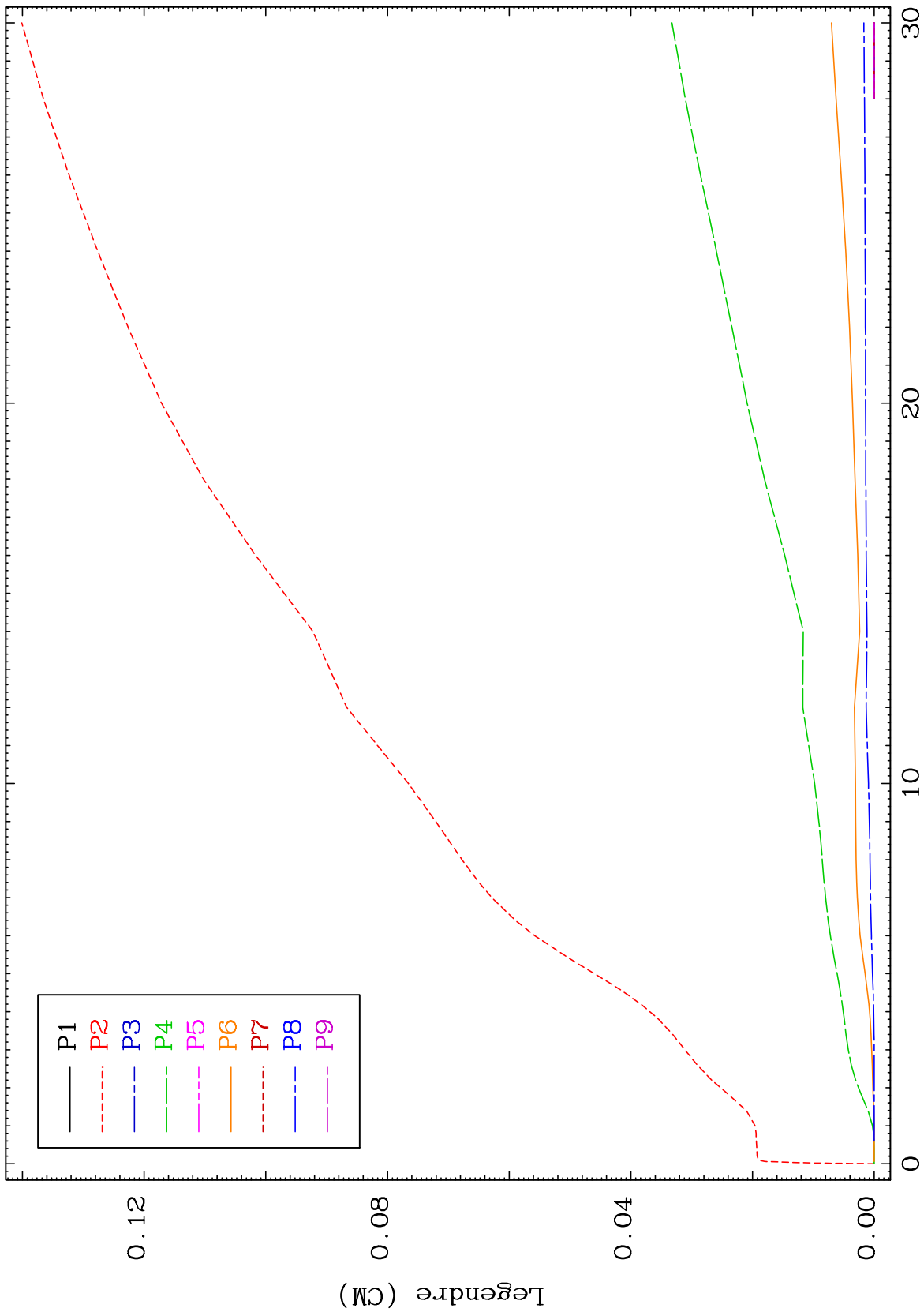
47-Ag-96



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### Elastic Legendre Coefficients

47-Ag-96



47-Ag-96

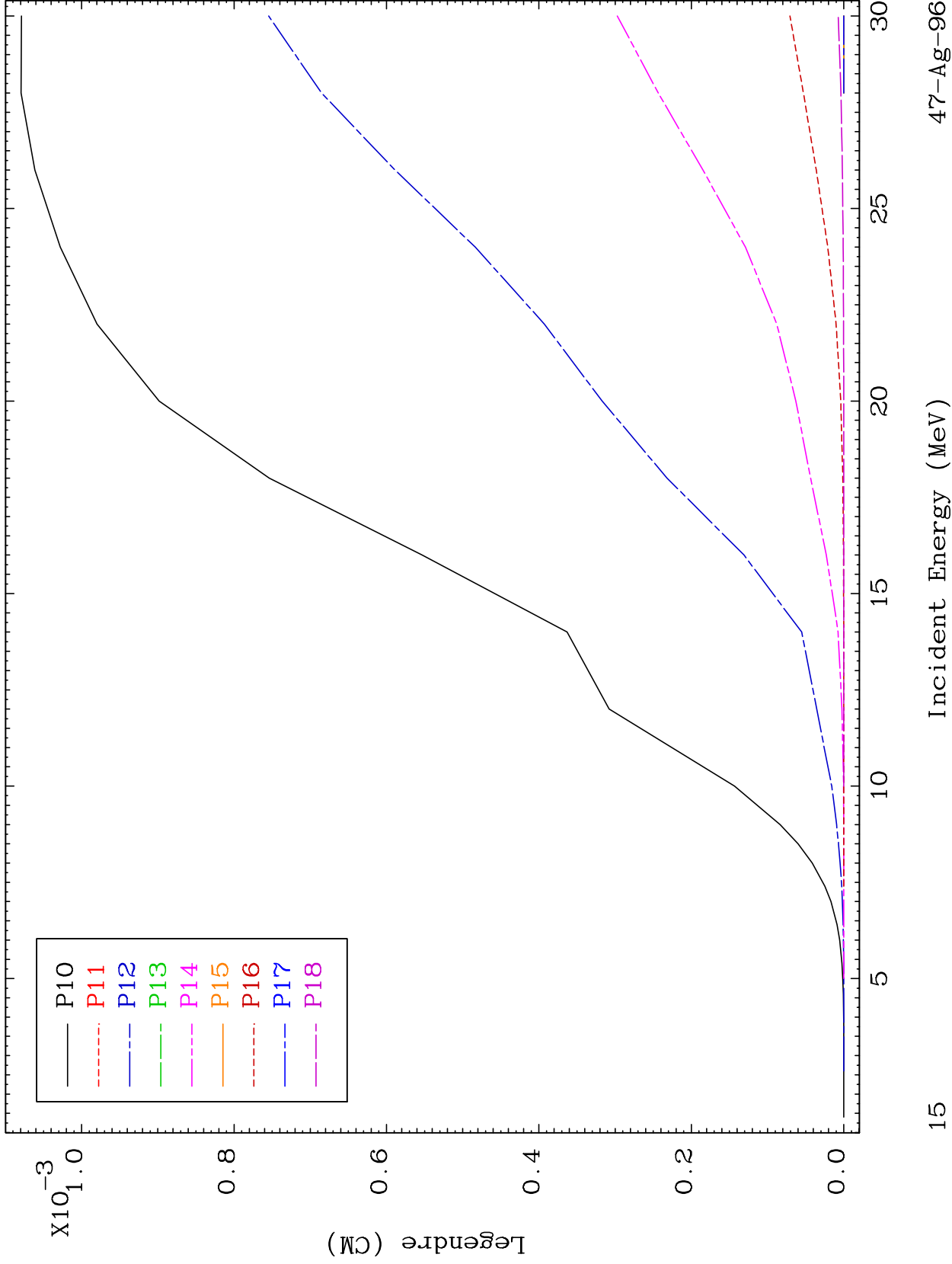
Incident Energy (MeV)

14

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Elastic Legendre Coefficients

47-Ag-96



15

Incident Energy (MeV)

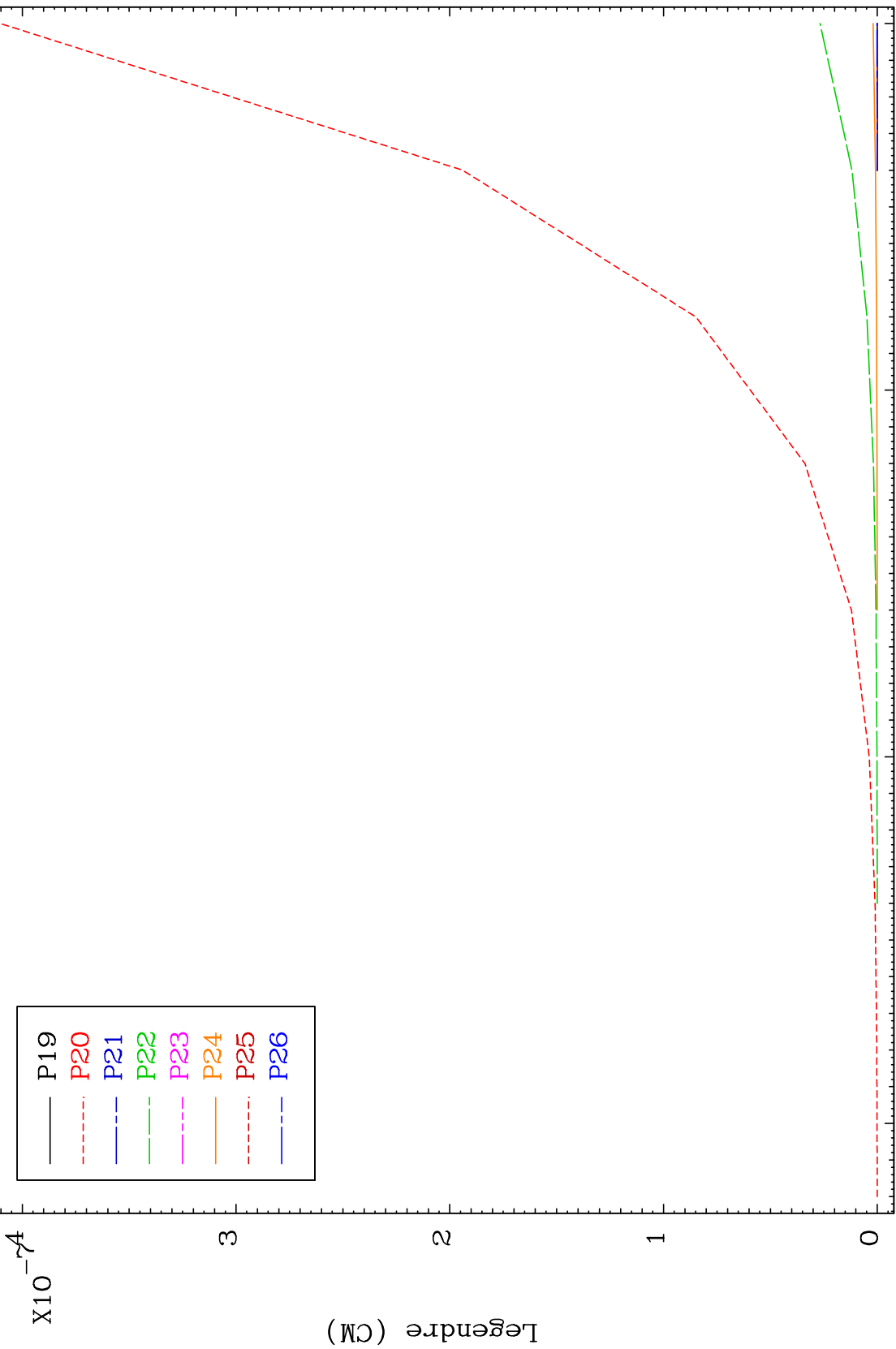
47-Ag-96



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Elastic Legendre Coefficients

47-Ag-96



16

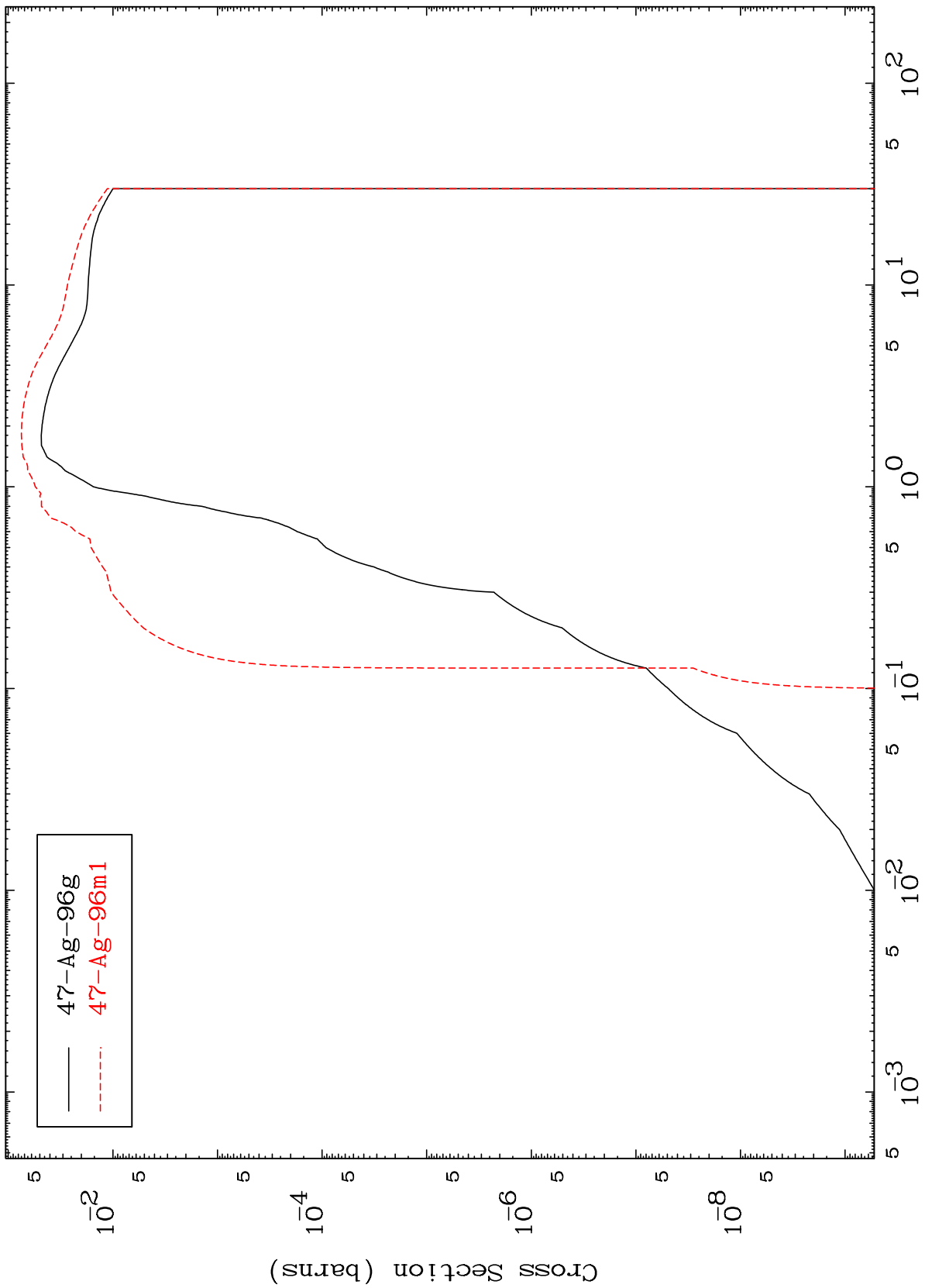
Incident Energy (MeV)

47-Ag-96

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47-Ag-96

Inelastic  
Radionuclide Production Cross Section



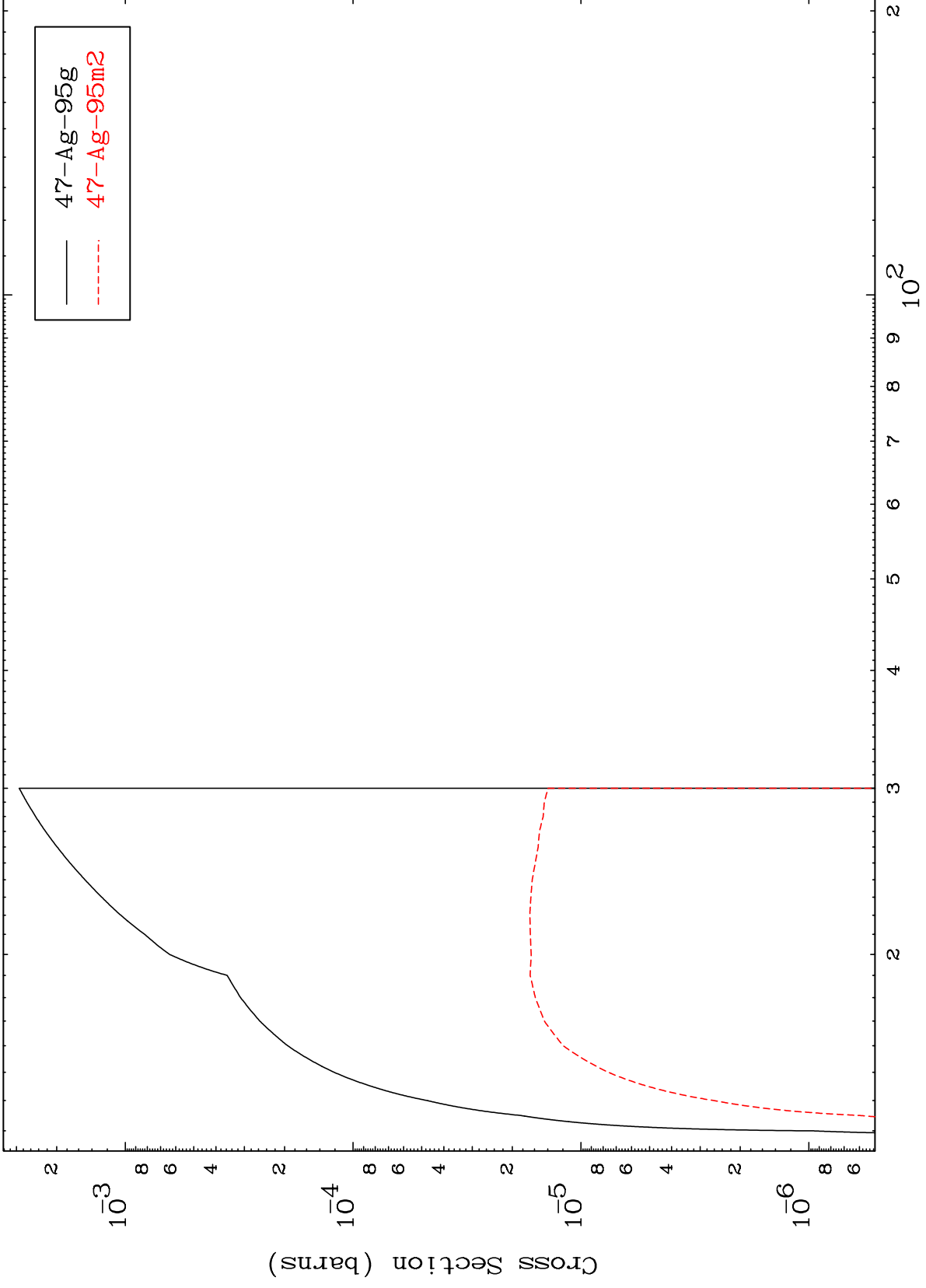
17

47-Ag-96

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47-Ag-96

(n,2n)  
Radionuclide Production Cross Section



18

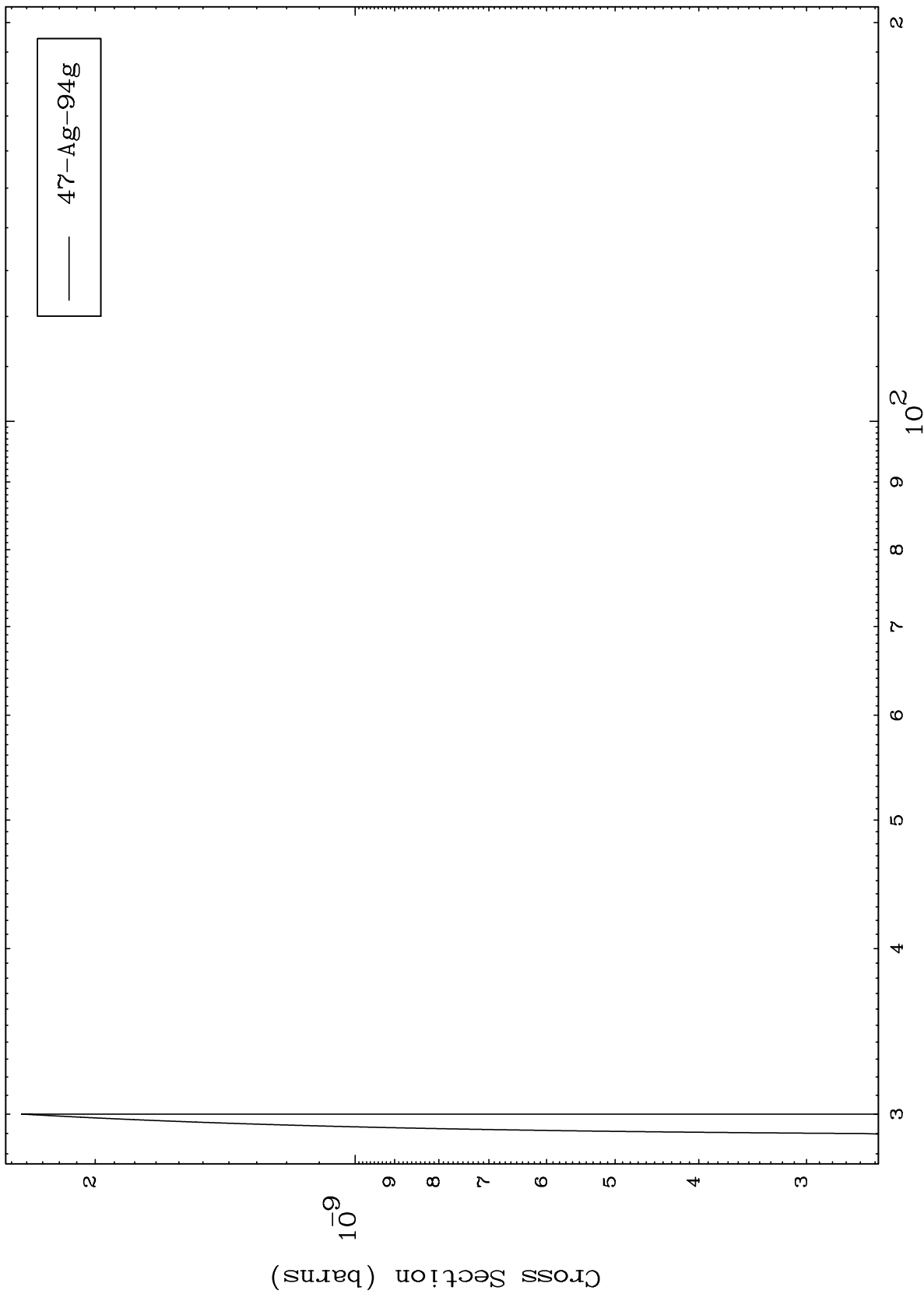
Incident Energy (MeV)

47-Ag-96

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47-Ag-96

(n,3n)  
Radionuclide Production Cross Section



47-Ag-94g

19

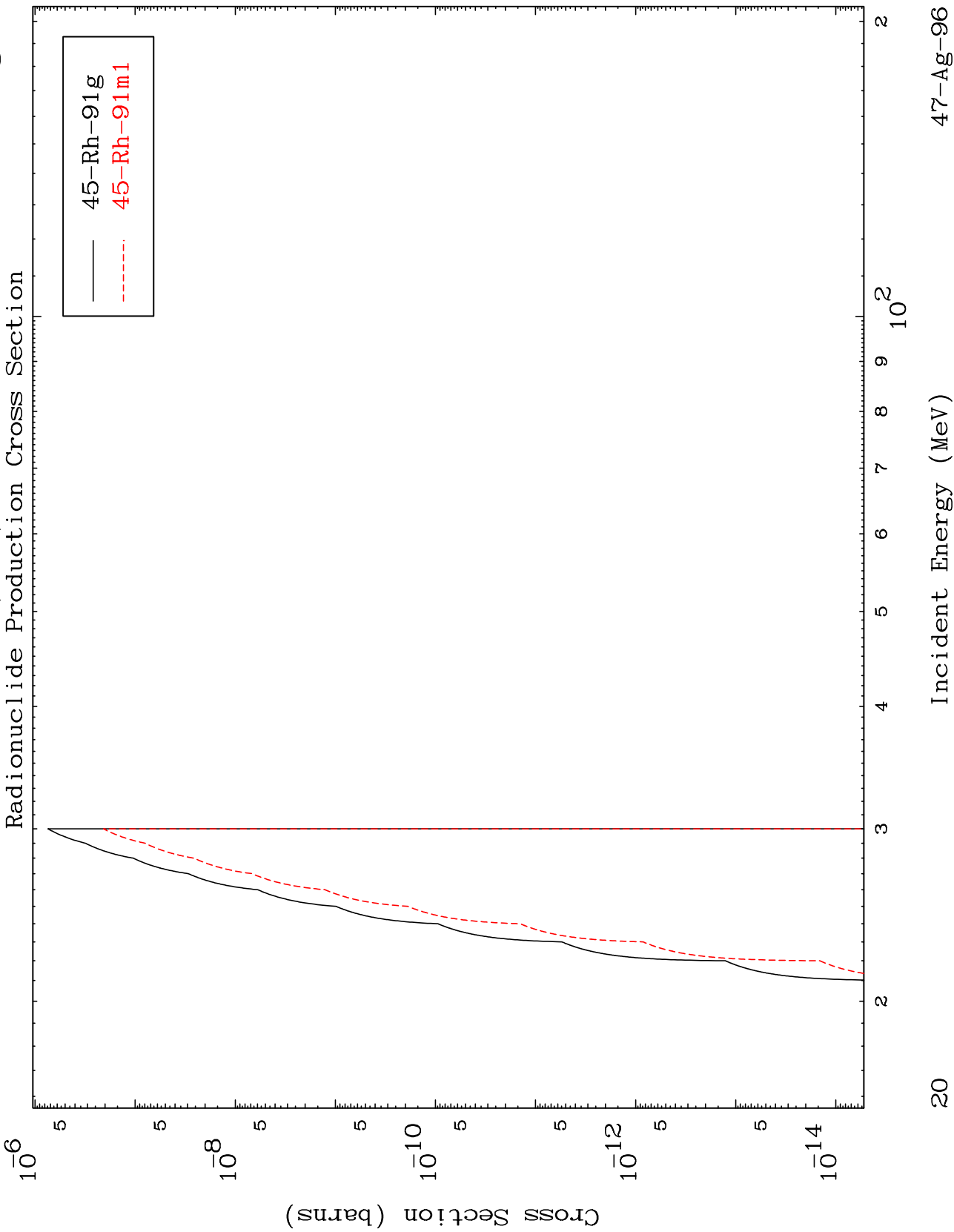
47-Ag-96

Incident Energy (MeV)

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(n,2n)  $\alpha$

47-Ag-96



20

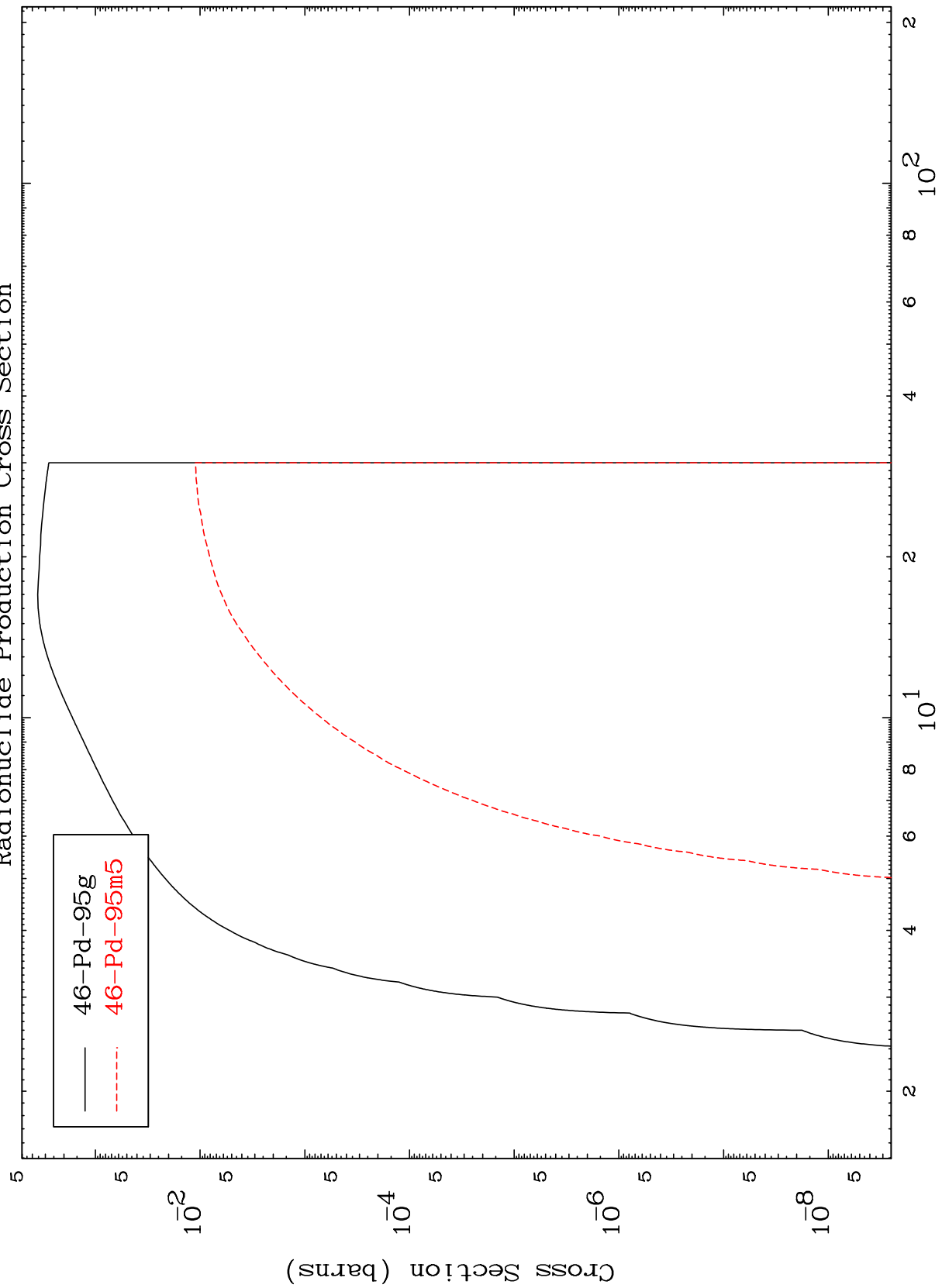
Incident Energy (MeV)

47-Ag-96

MAT 4693

47-Ag-96

(n,n') p  
Radionuclide Production Cross Section

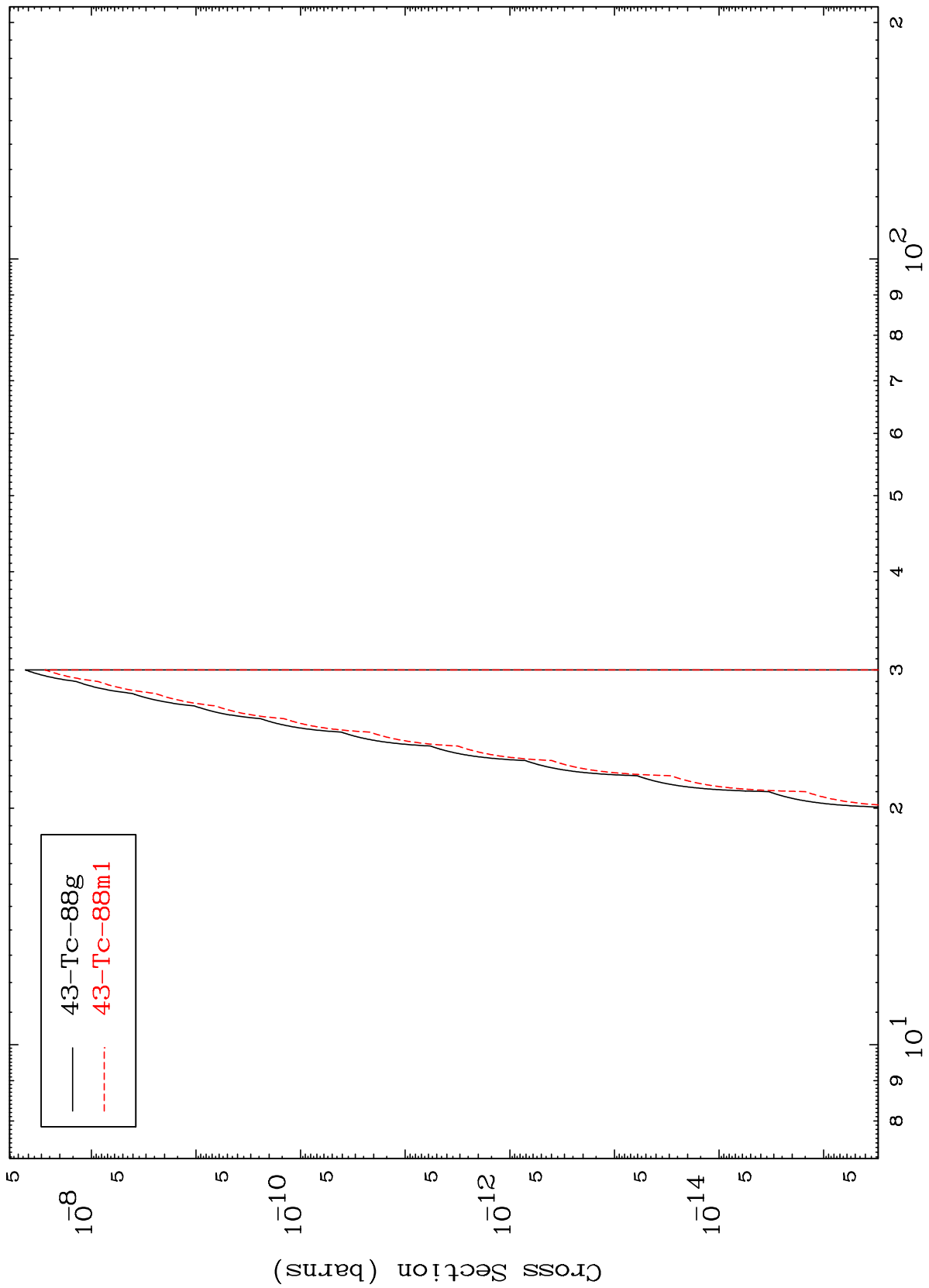


— 46-Pd-95g  
- - - 46-Pd-95m5

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47-Ag-96

(n,n') 2 $\alpha$   
Radionuclide Production Cross Section

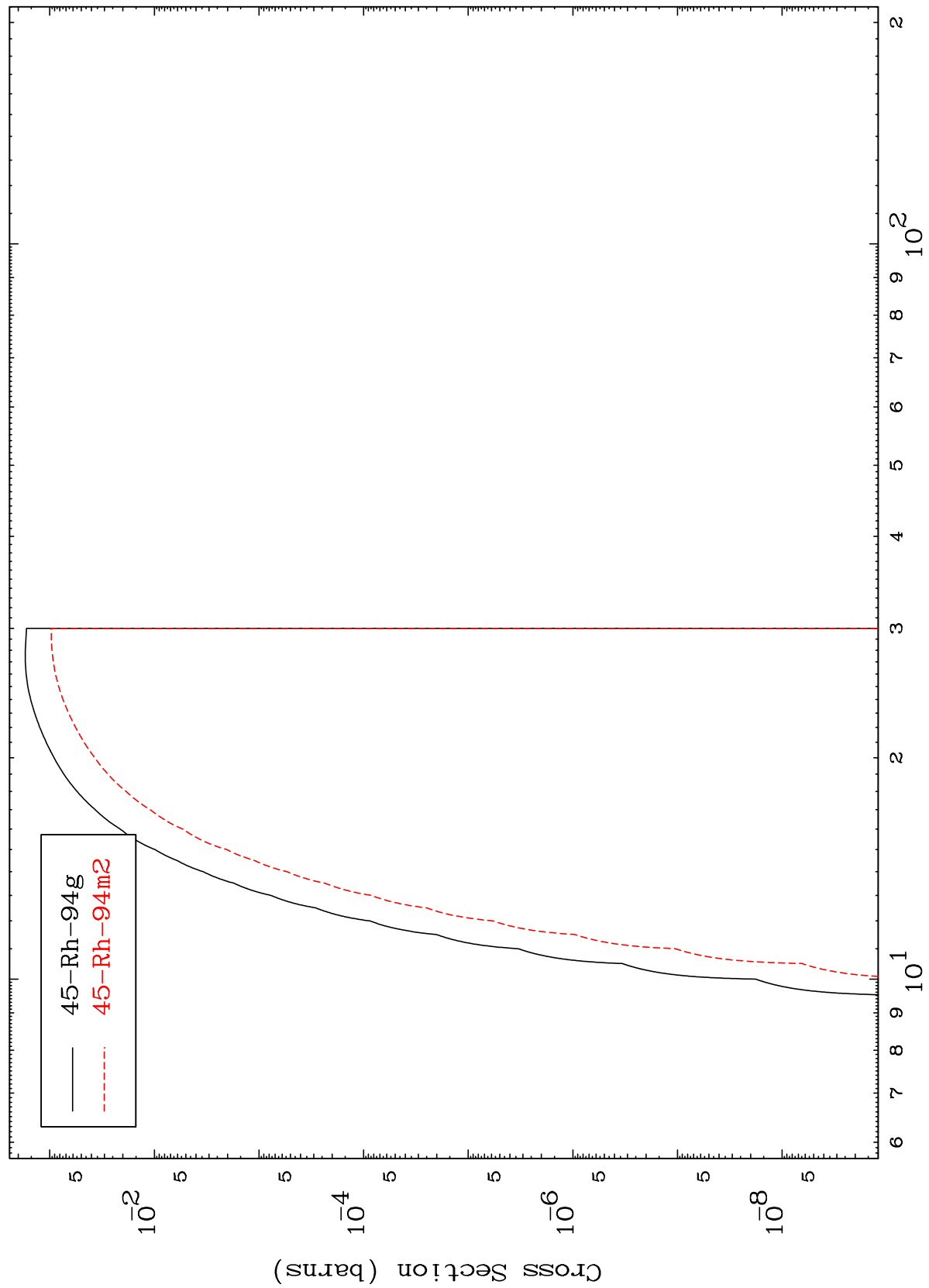


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(n,2n) p

47-Ag-96

Radionuclide Production Cross Section



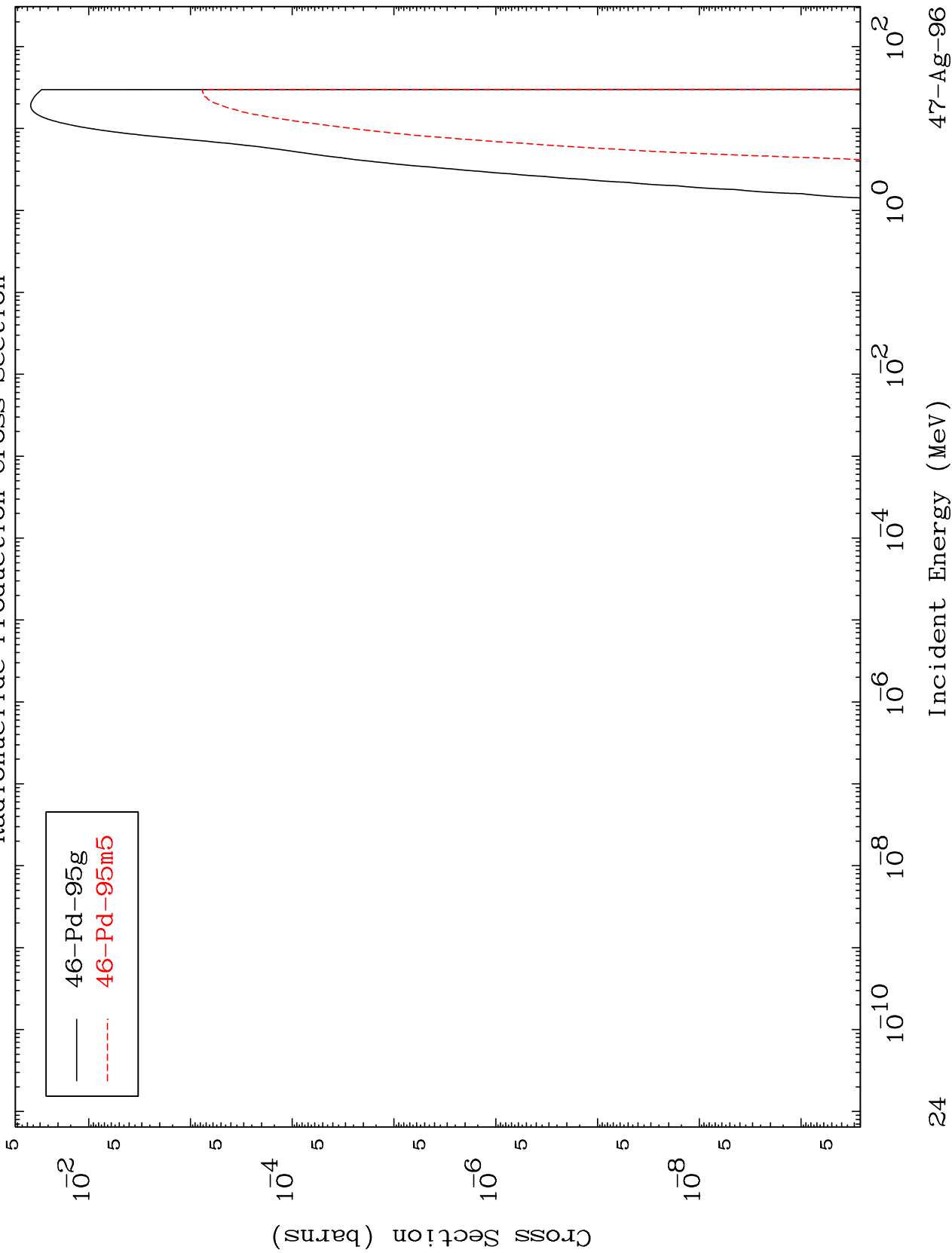
— 45-Rh-94g  
- - - 45-Rh-94m2



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(n,d)  
Radionuclide Production Cross Section

47-Ag-96

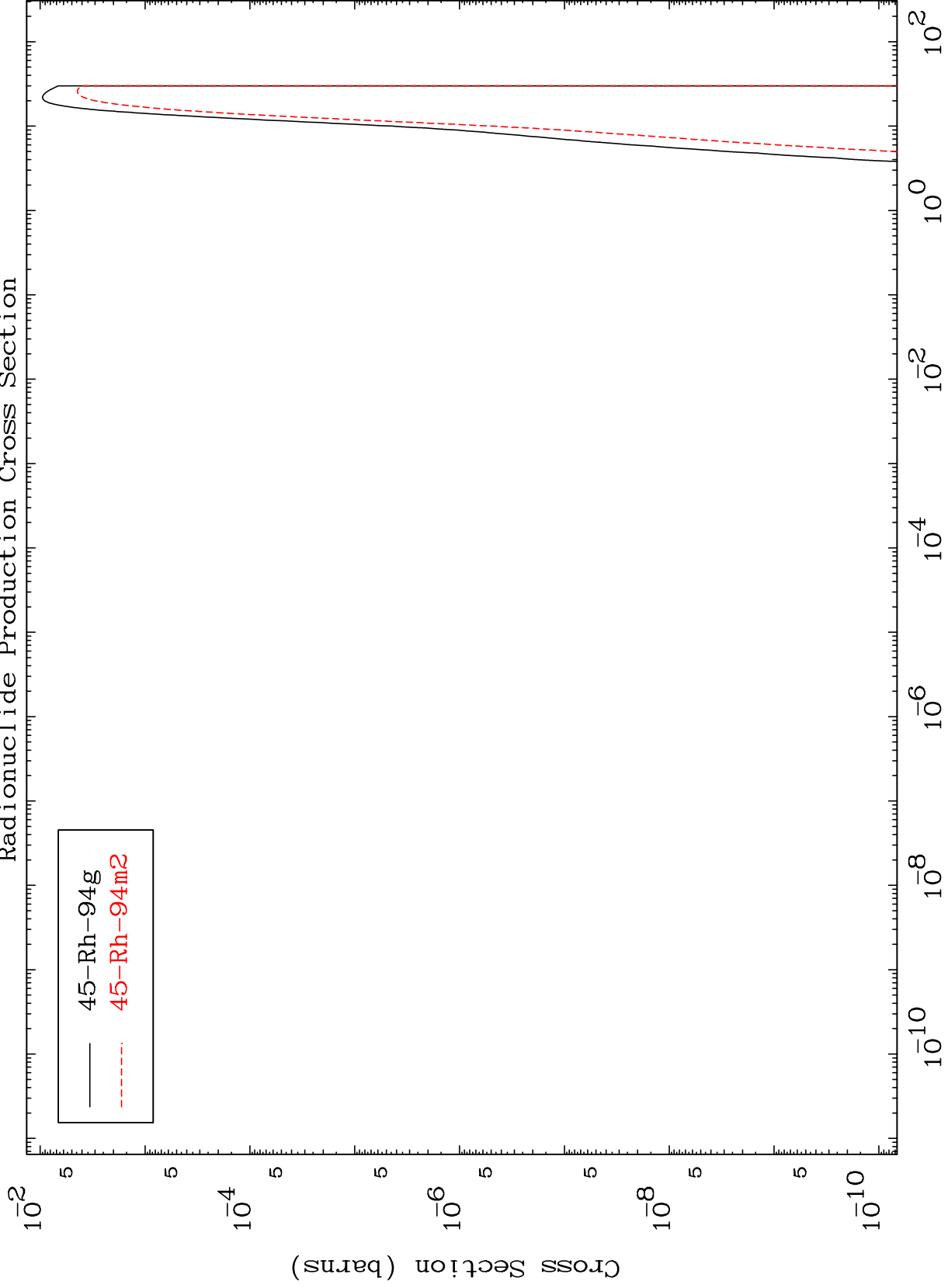


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(n,He-3)

47-Ag-96

Radionuclide Production Cross Section



25

Incident Energy (MeV)

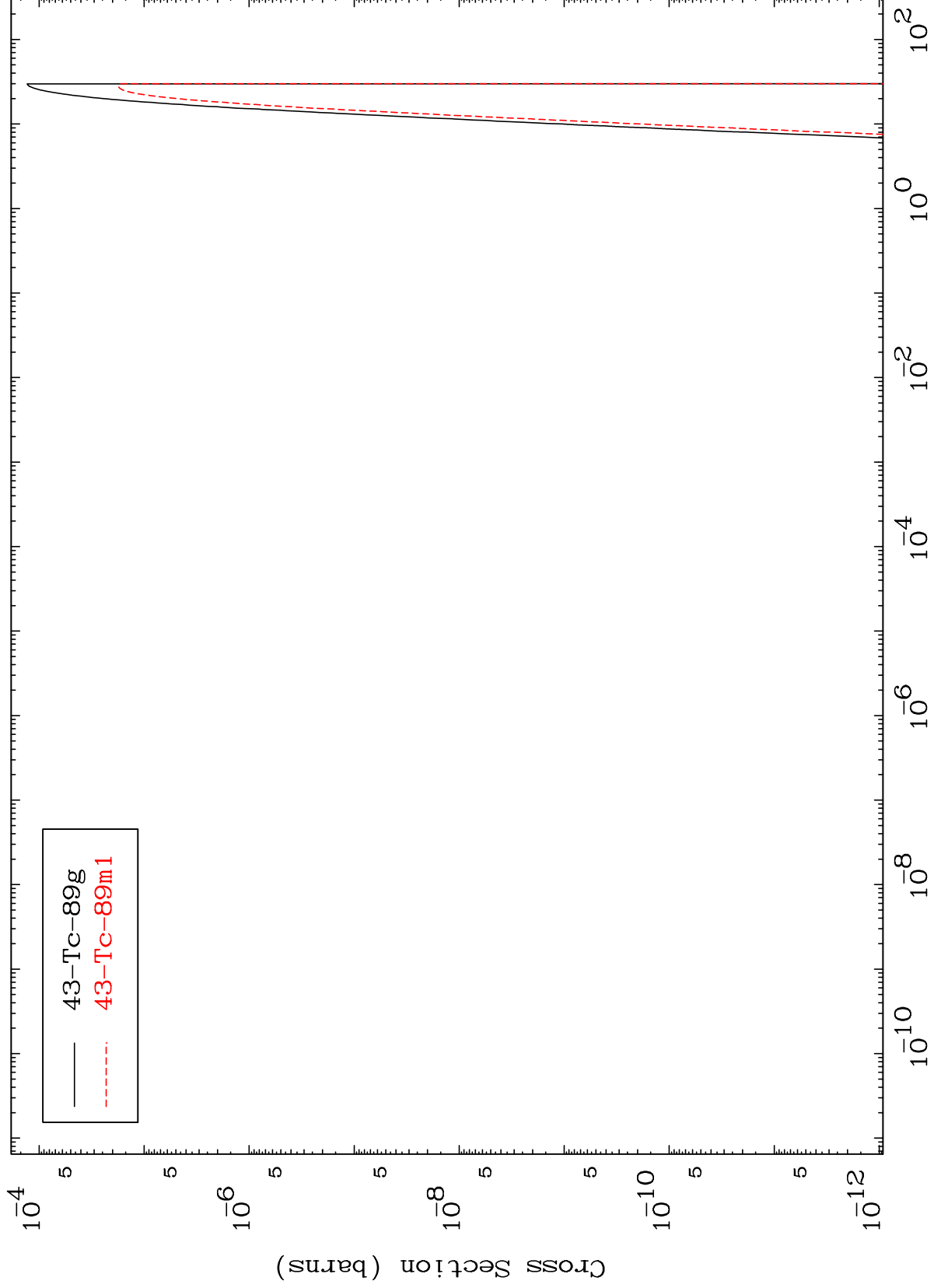
47-Ag-96

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(n,2α)

47-Ag-96

Radionuclide Production Cross Section



— 43-Tc-89g  
- - - 43-Tc-89m1

Incident Energy (MeV)

47-Ag-96

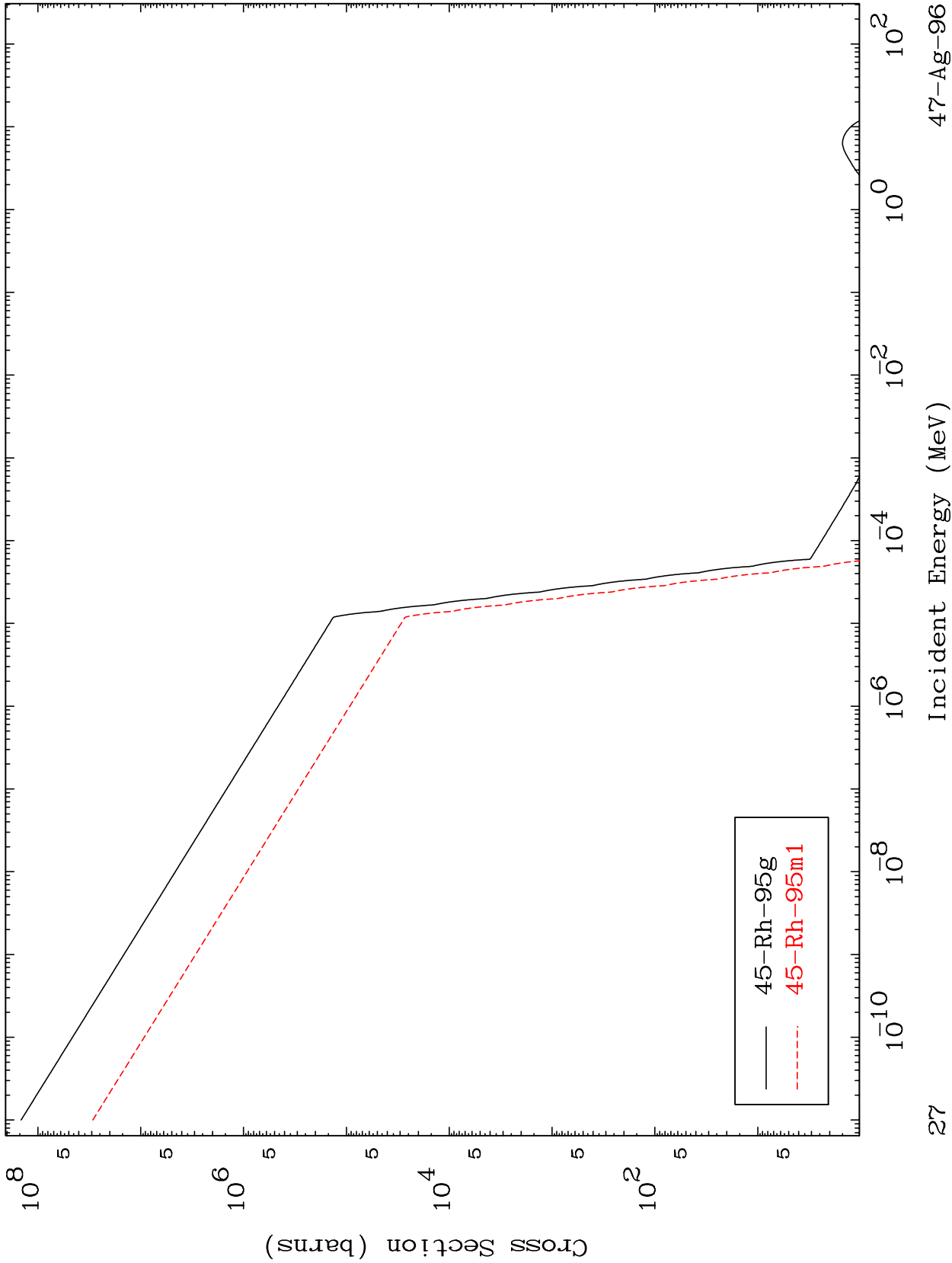
26

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(n,2p)

47-Ag-96

Radionuclide Production Cross Section



27

Incident Energy (MeV)

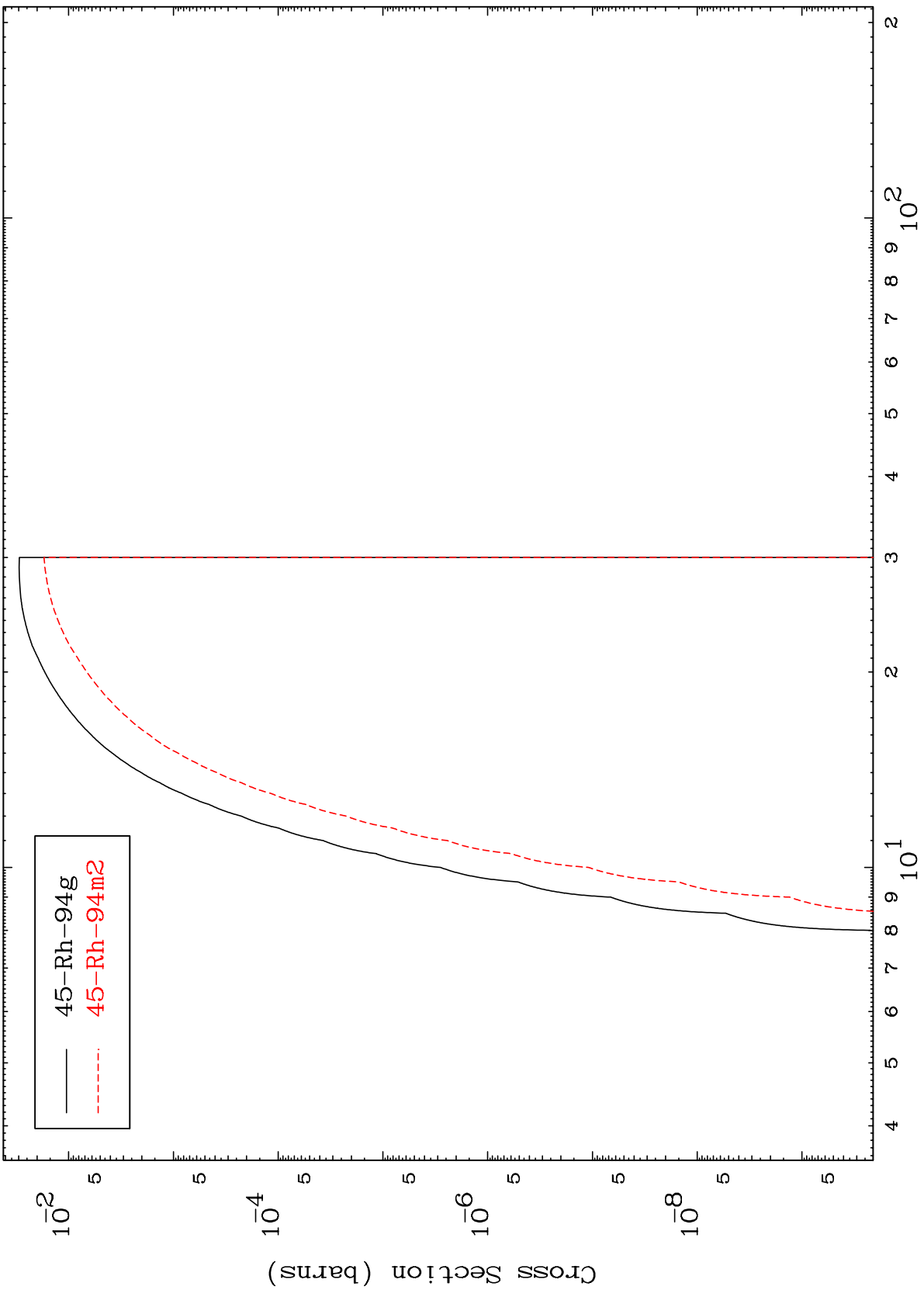
47-Ag-96

MAT 4693

(n,p) d

47-Ag-96

Radionuclide Production Cross Section



28

Incident Energy (MeV)

47-Ag-96