

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

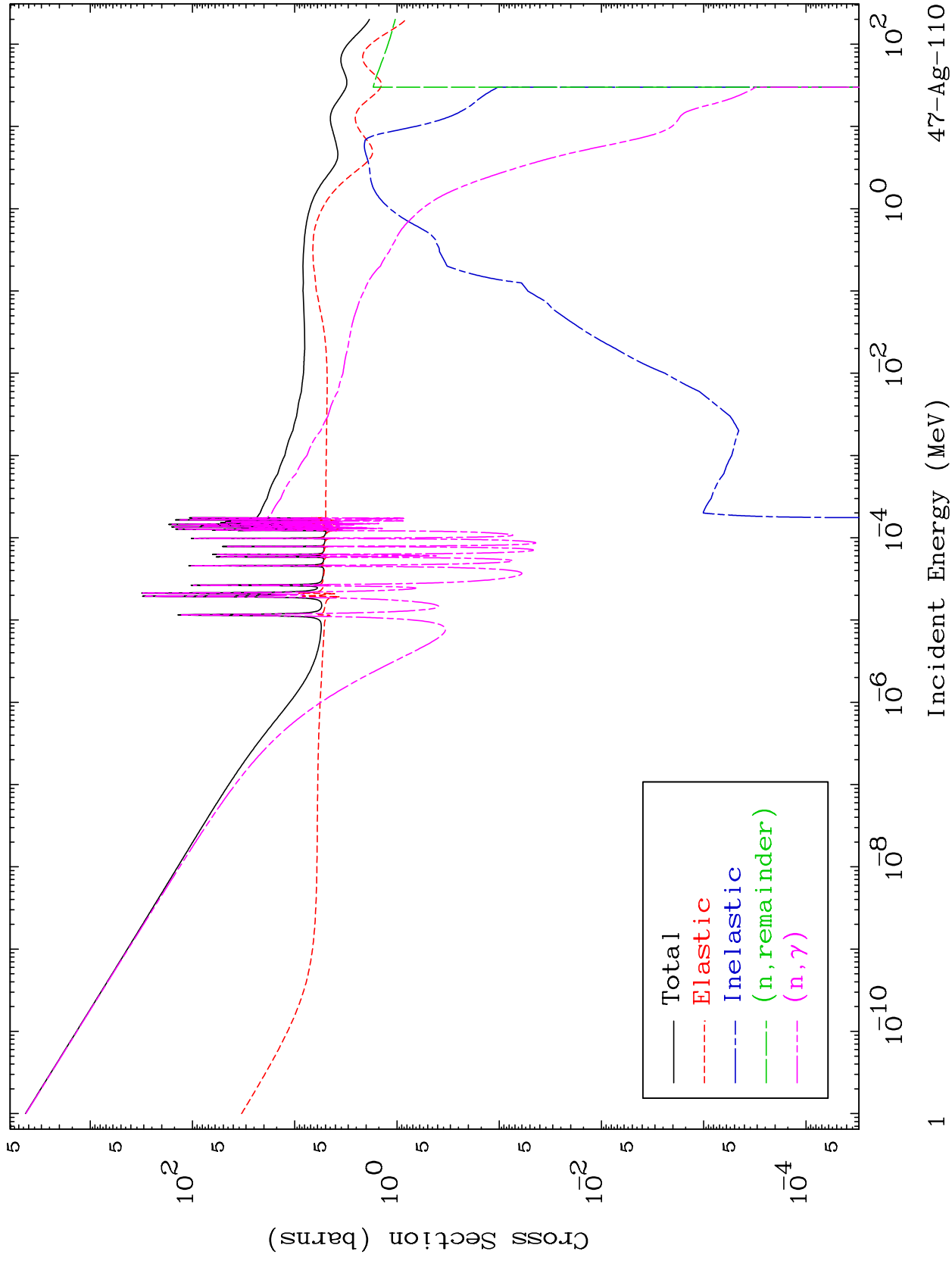
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4735

Major  
293 Kelvin Cross Sections

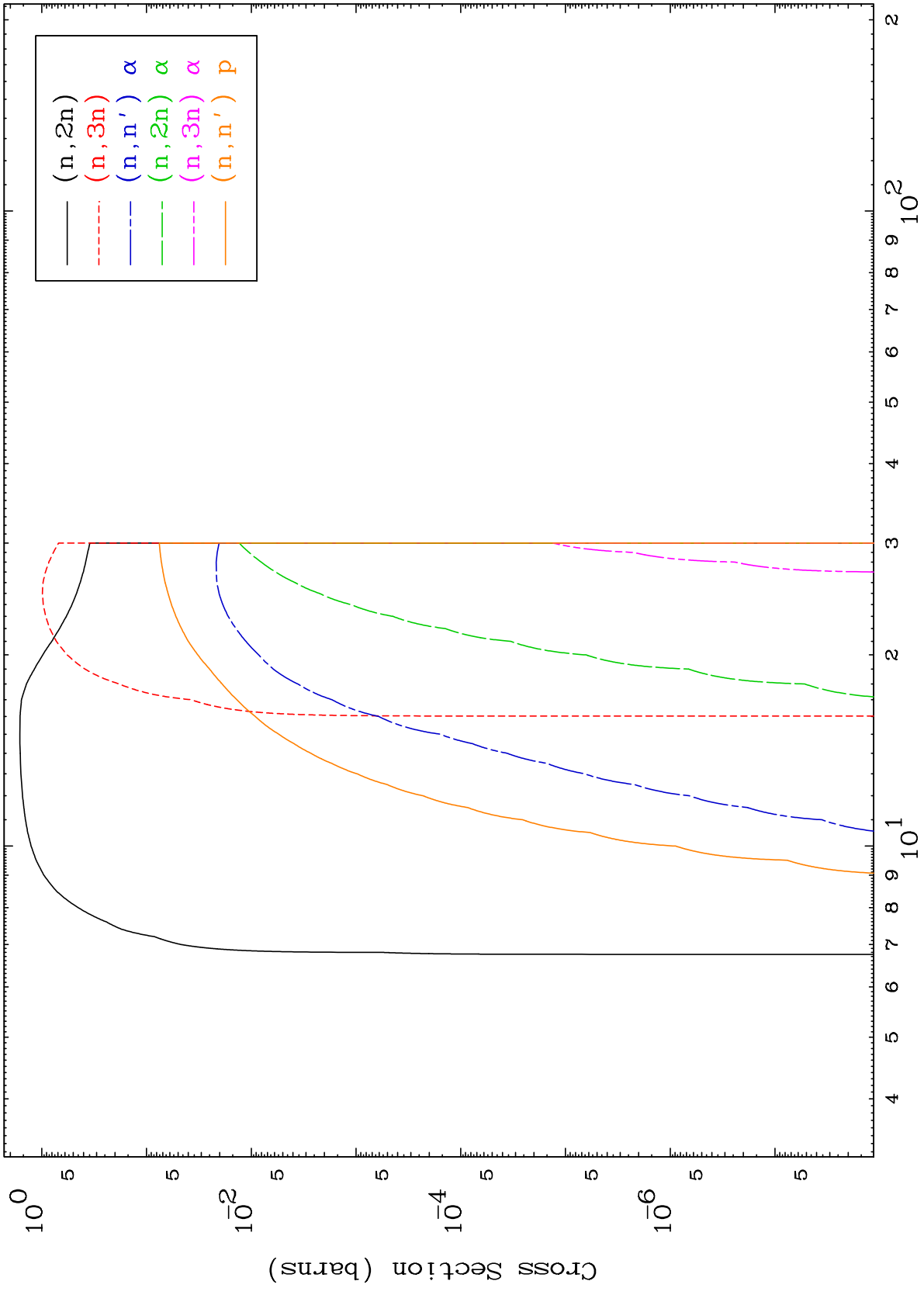
47-Ag-110



MAT 4735

Neutron Production  
293 Kelvin Cross Sections

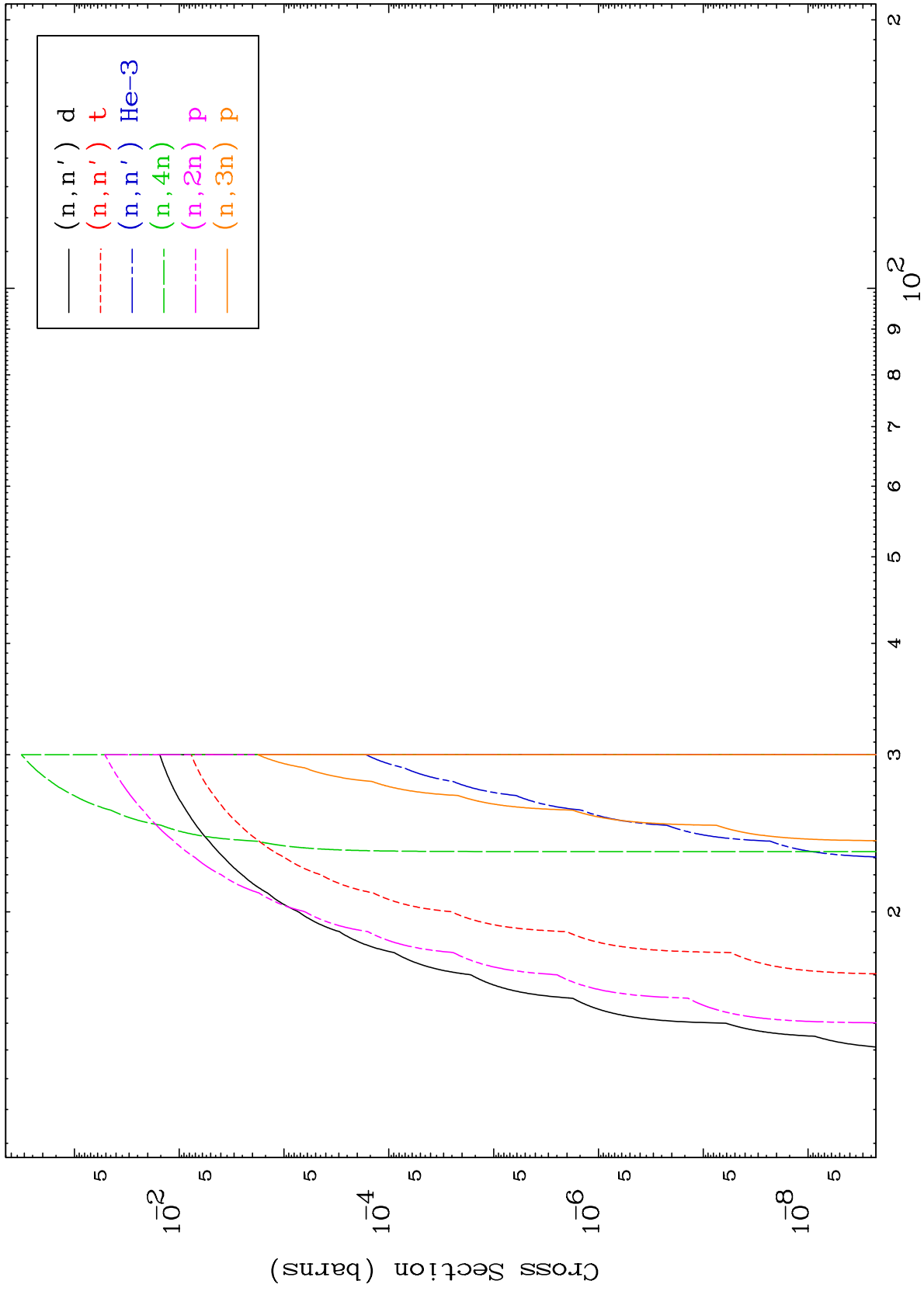
47-Ag-110

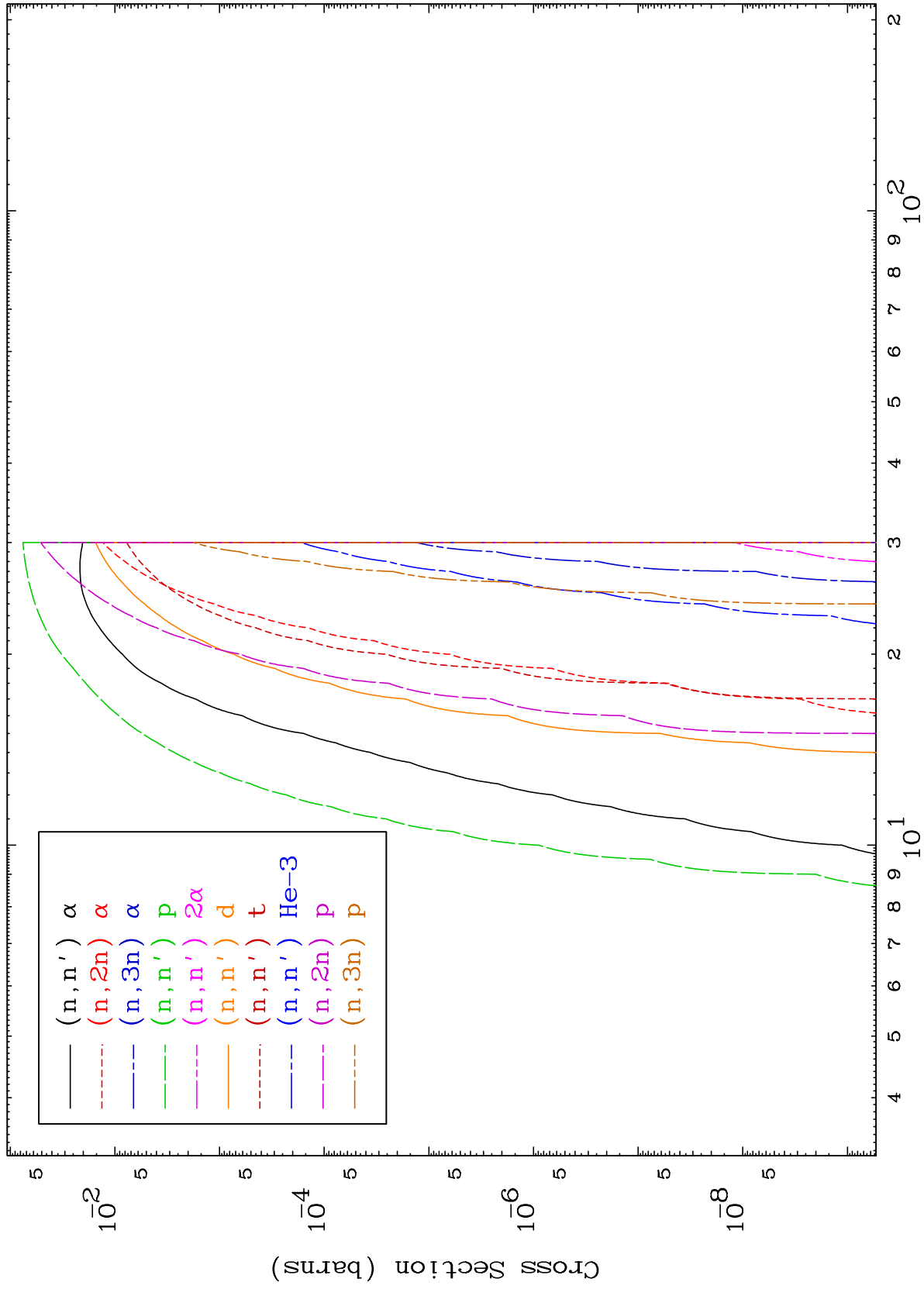


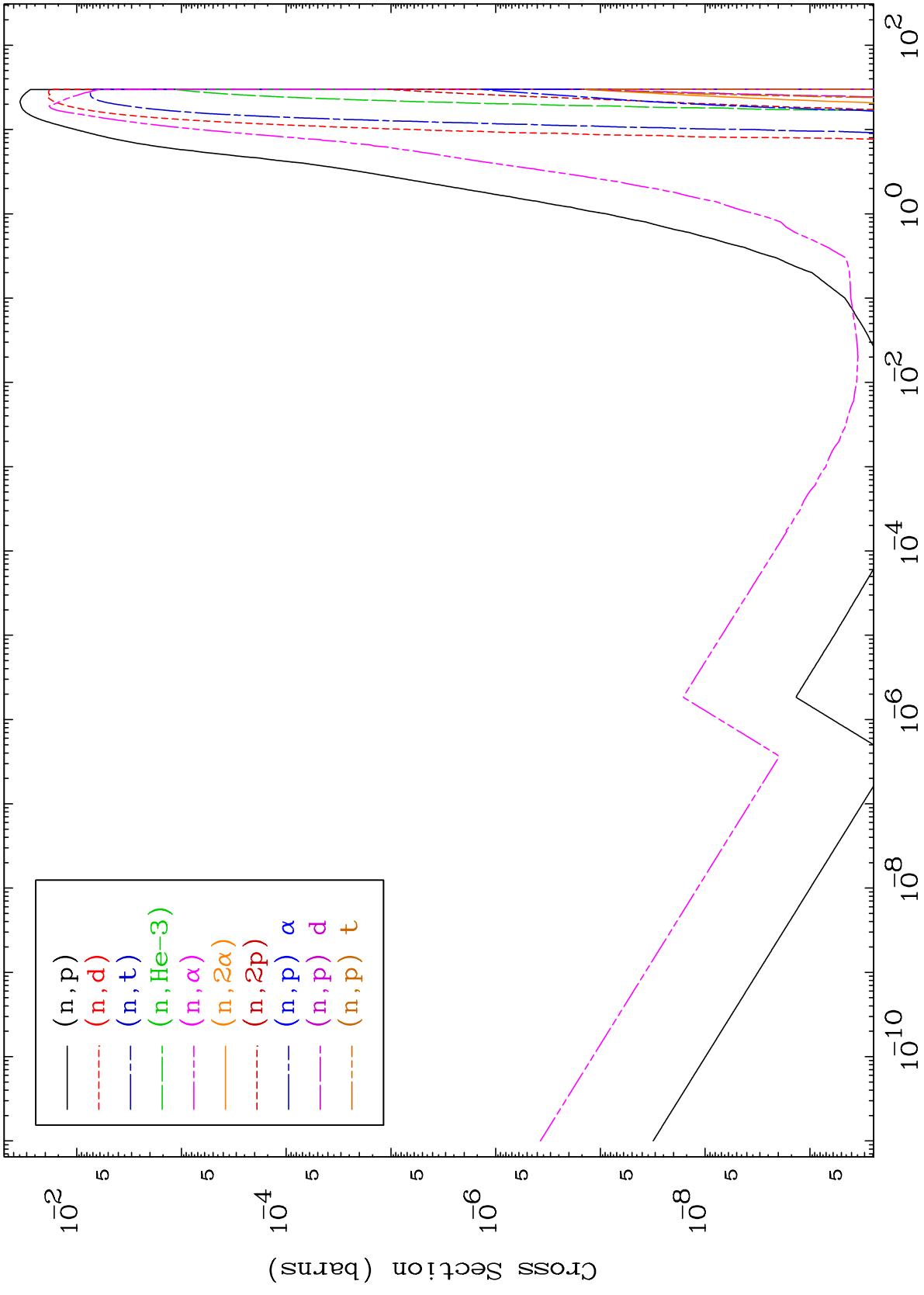
2

Incident Energy (MeV)

47-Ag-110



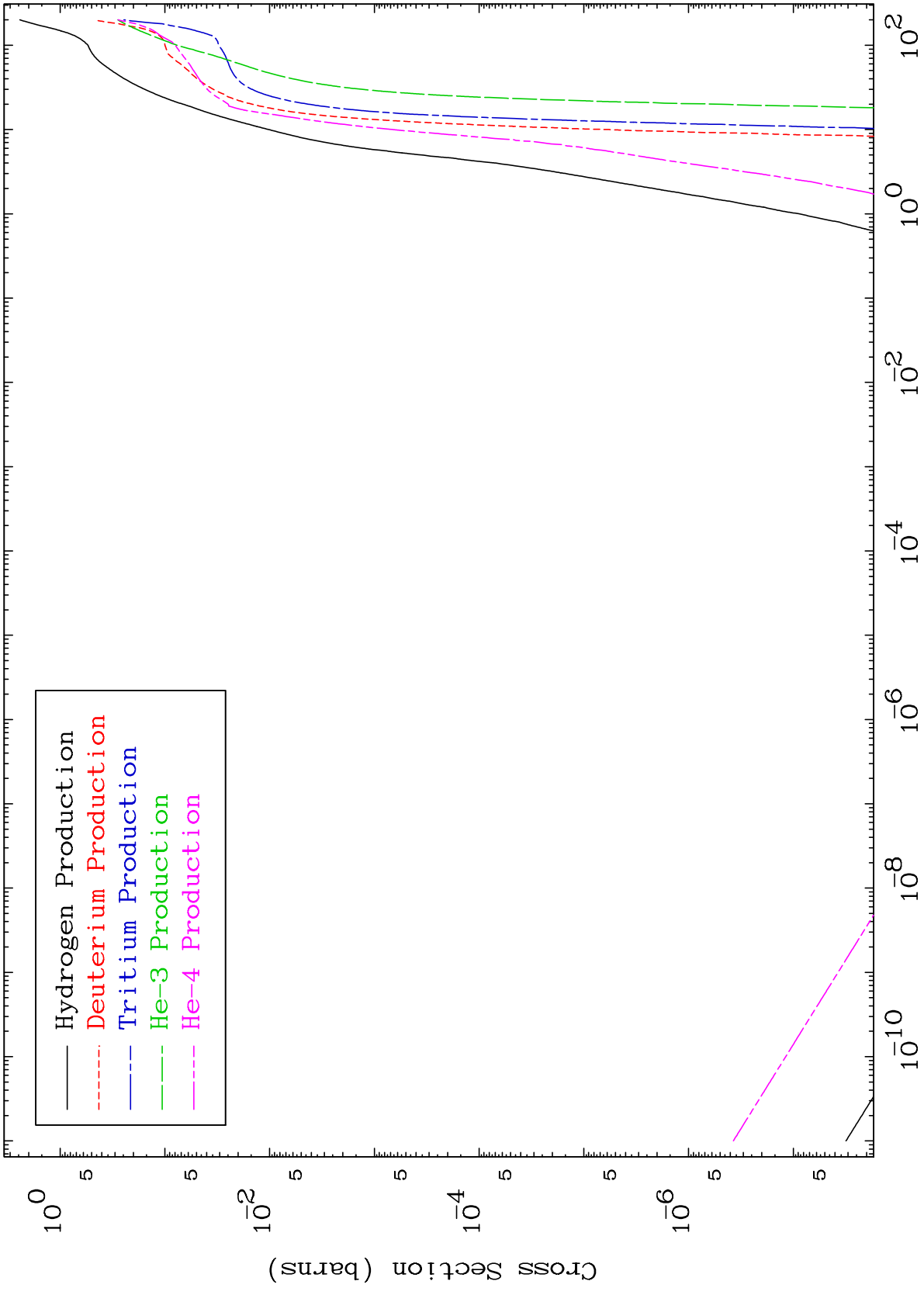




MAT 4735

Particle Production  
293 Kelvin Cross Sections

47-Ag-110



6

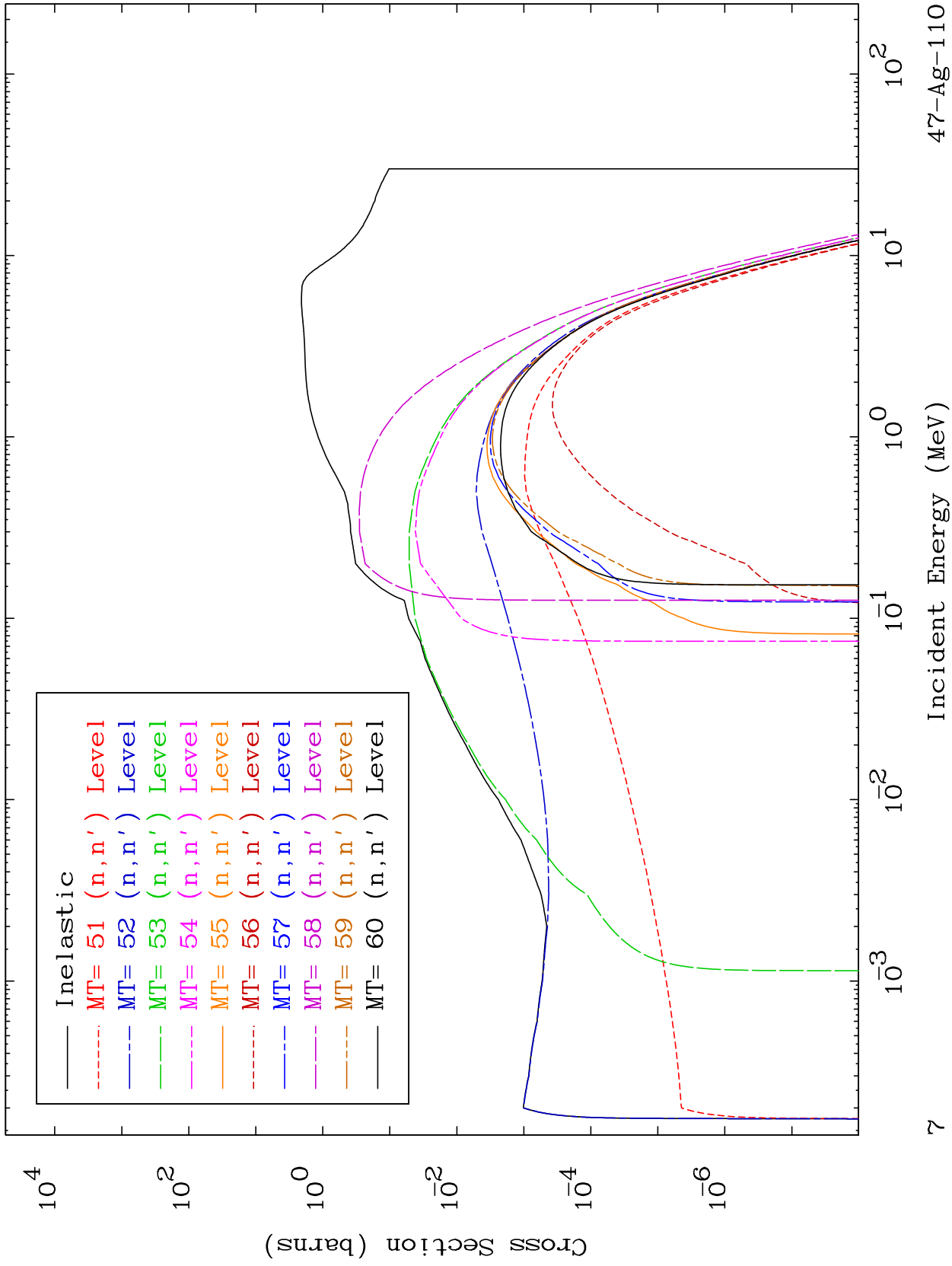
Incident Energy (MeV)

47-Ag-110

MAT 4735

(n,n') Level  
293 Kelvin Cross Sections

47-Ag-110



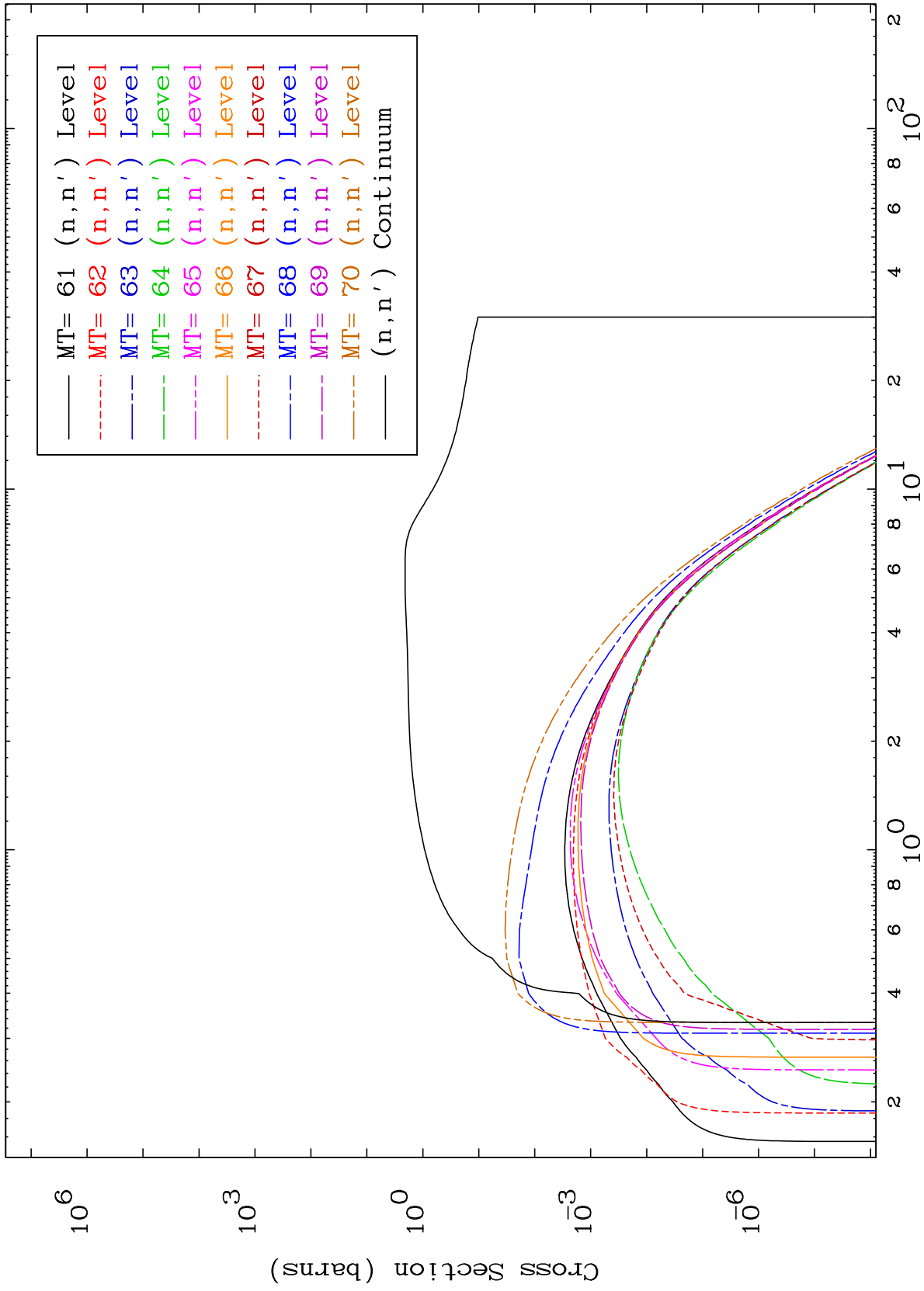


MAT 4735

(n,n') Level

47-Ag-110

293 Kelvin Cross Sections



8

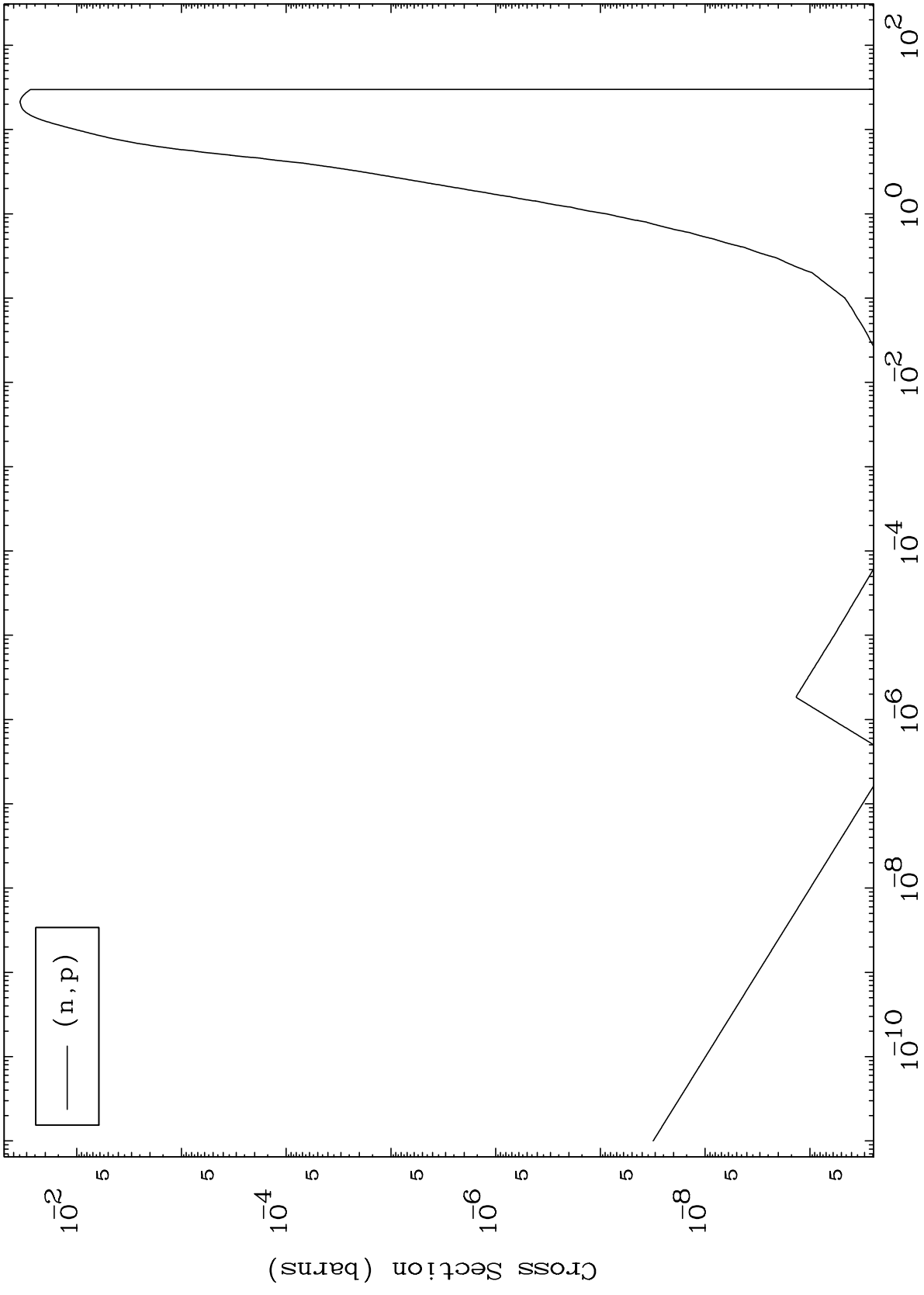
Incident Energy (MeV)

47-Ag-110

MAT 4735

(n,p) Levels  
293 Kelvin Cross Sections

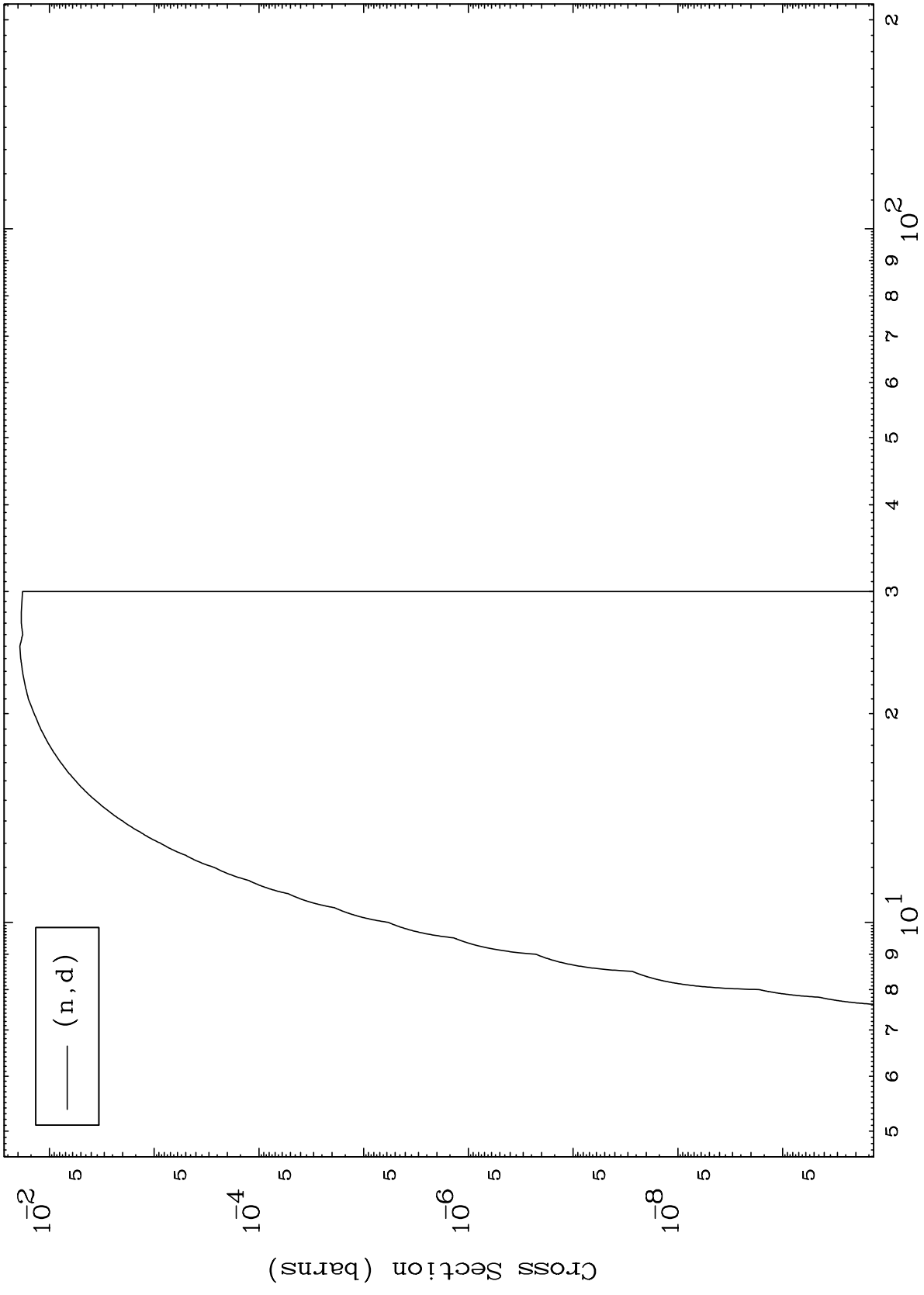
47-Ag-110



MAT 4735

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-110



10

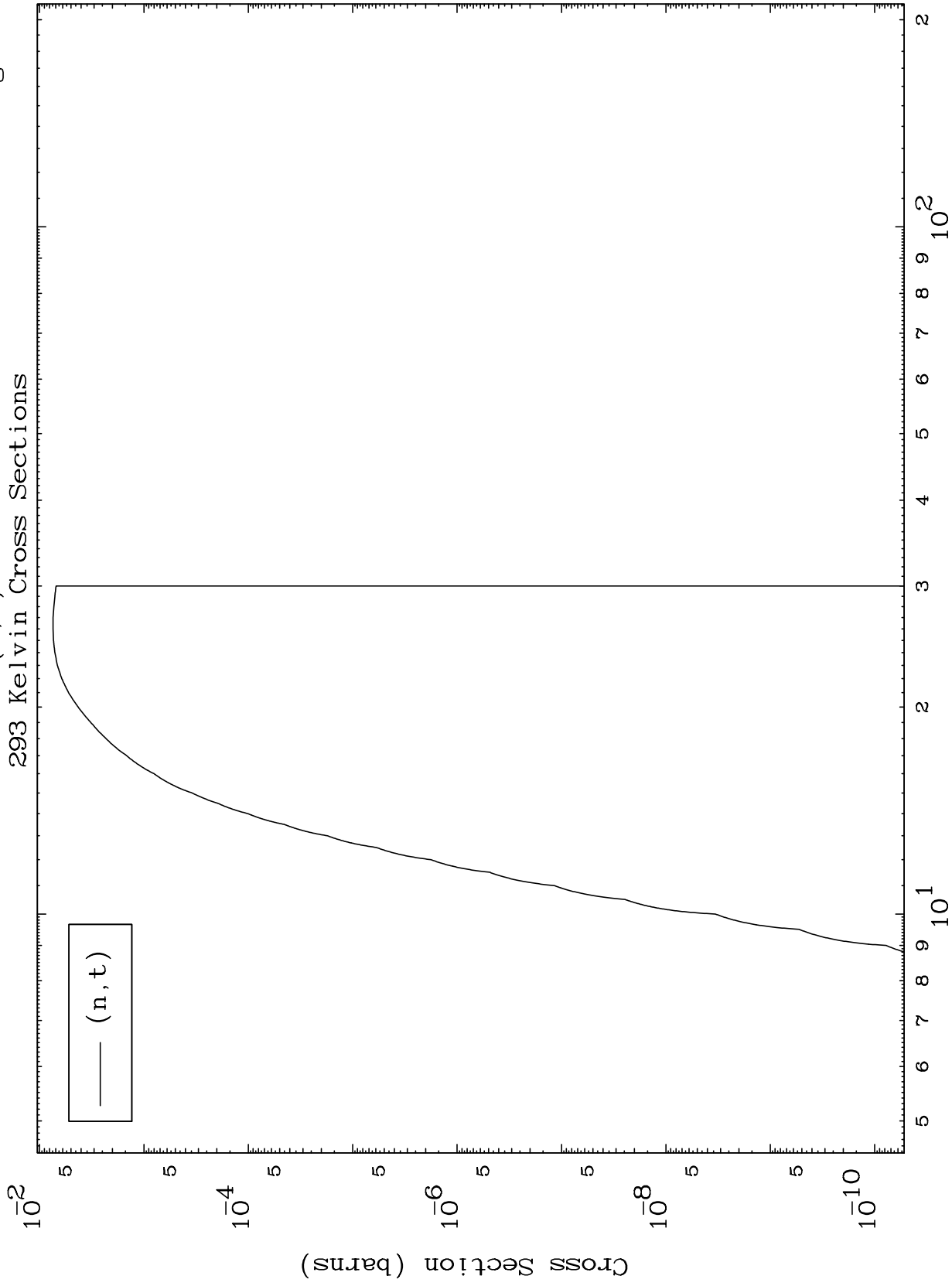
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

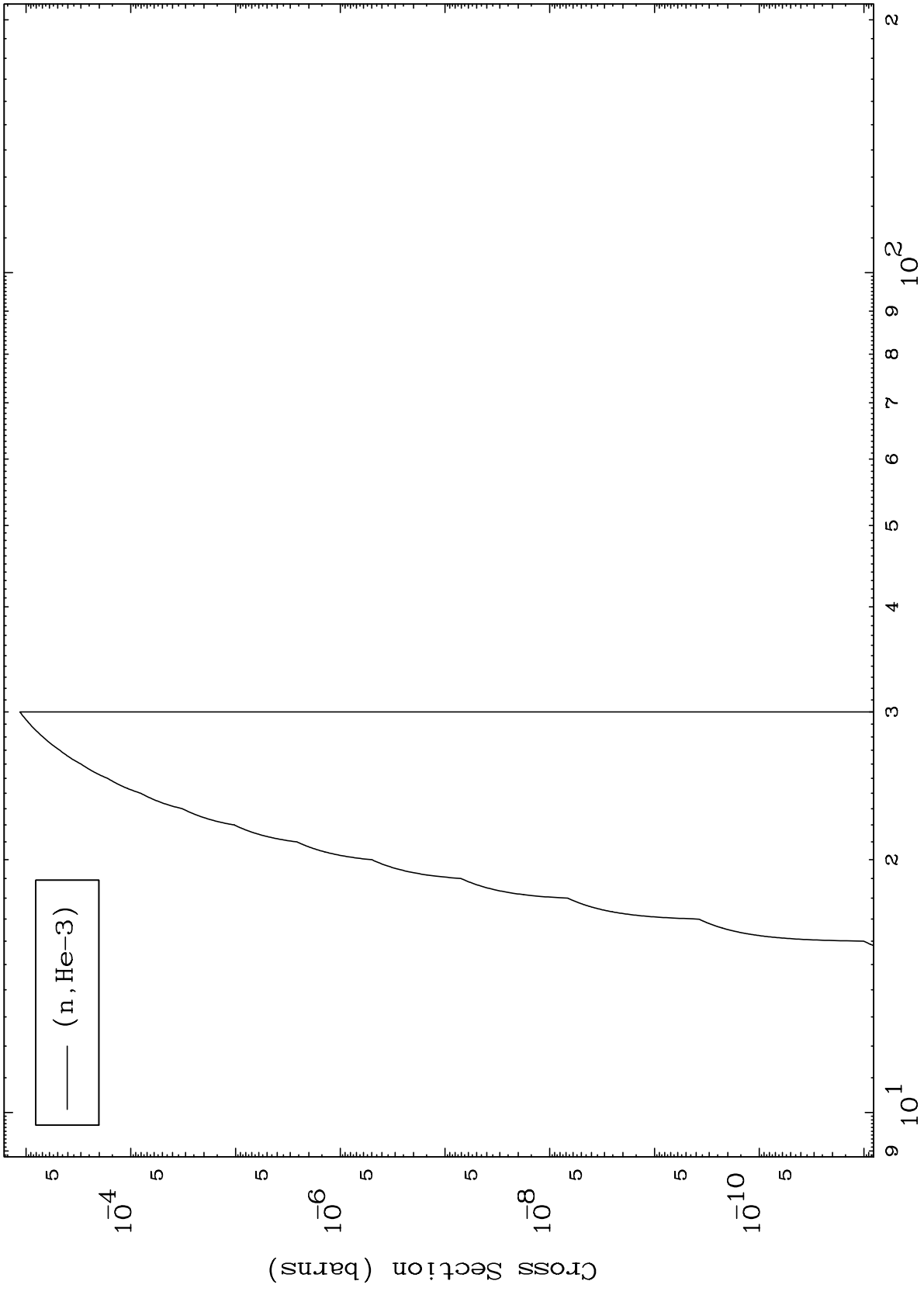
(n,t) Levels  
293 Kelvin Cross Sections



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(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-110



12

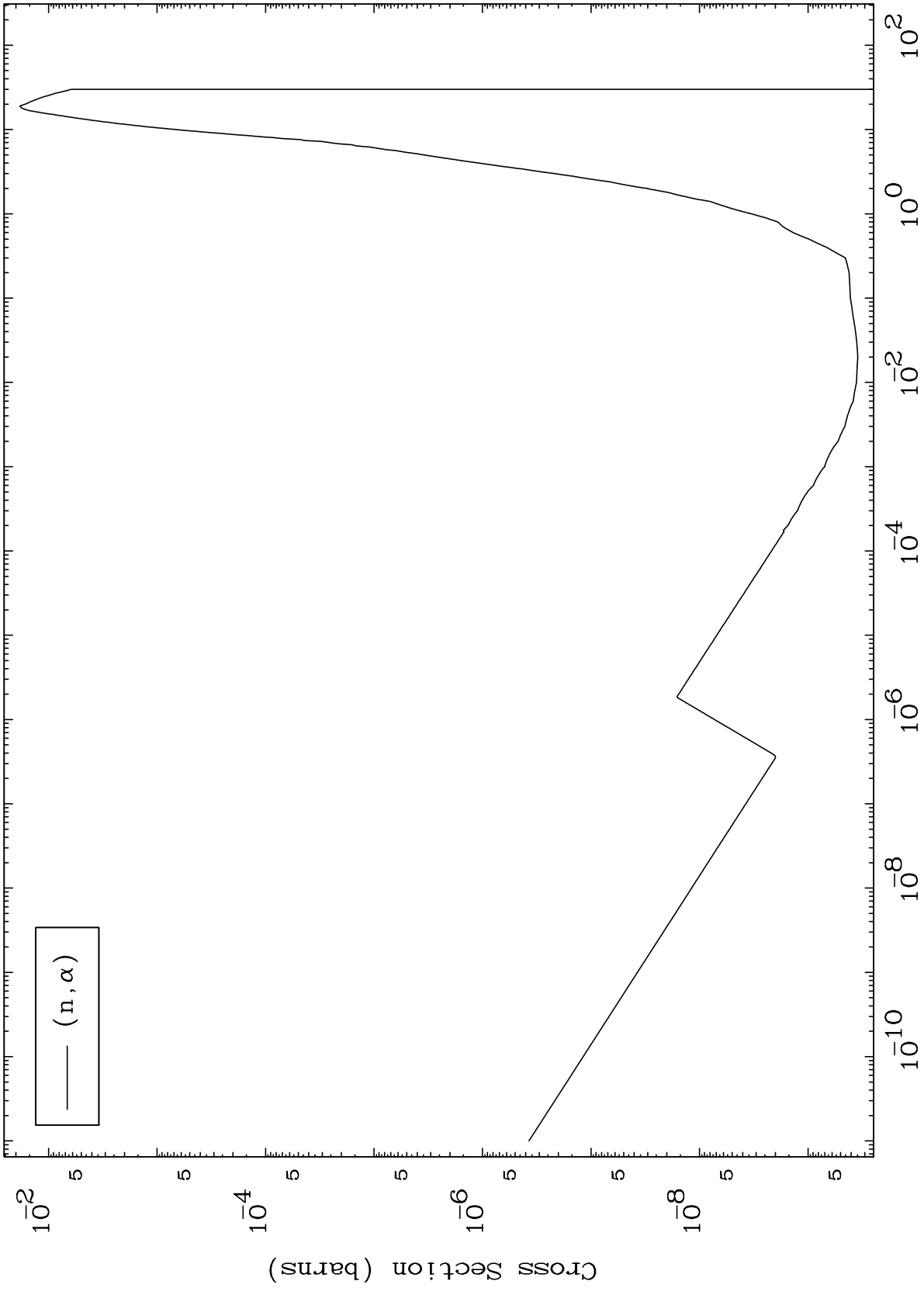
Incident Energy (MeV)

47-Ag-110

MAT 4735

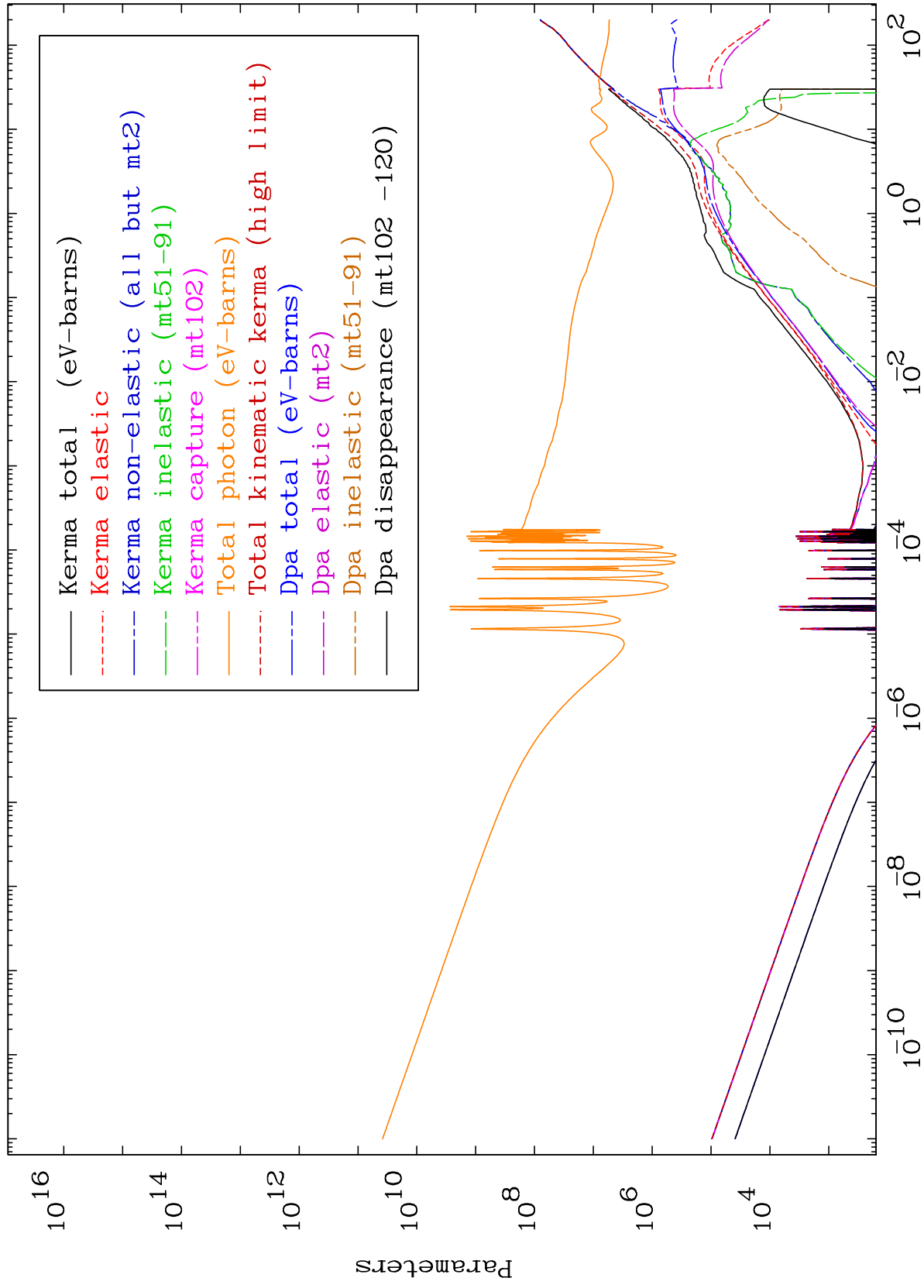
(n,α) Levels  
293 Kelvin Cross Sections

47-Ag-110



(n,α)

47-Ag-110



MAT 4735

Elastic Legendre Coefficients

47-Ag-110



15

Incident Energy (MeV)

47-Ag-110

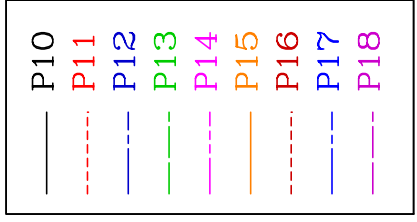
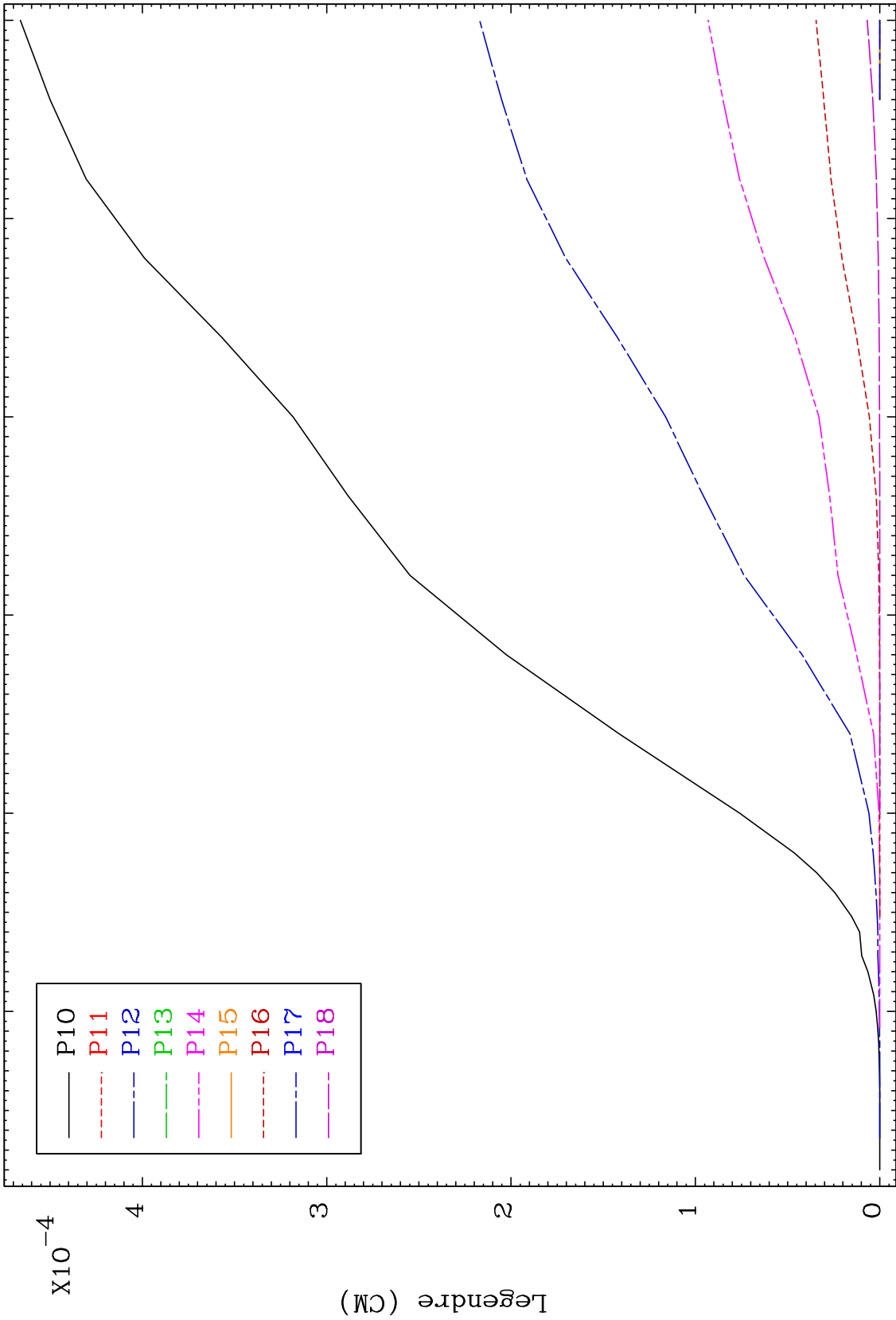
30



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Elastic Legendre Coefficients

47-Ag-110



Legendre (CM)  
 $\times 10^{-4}$

16

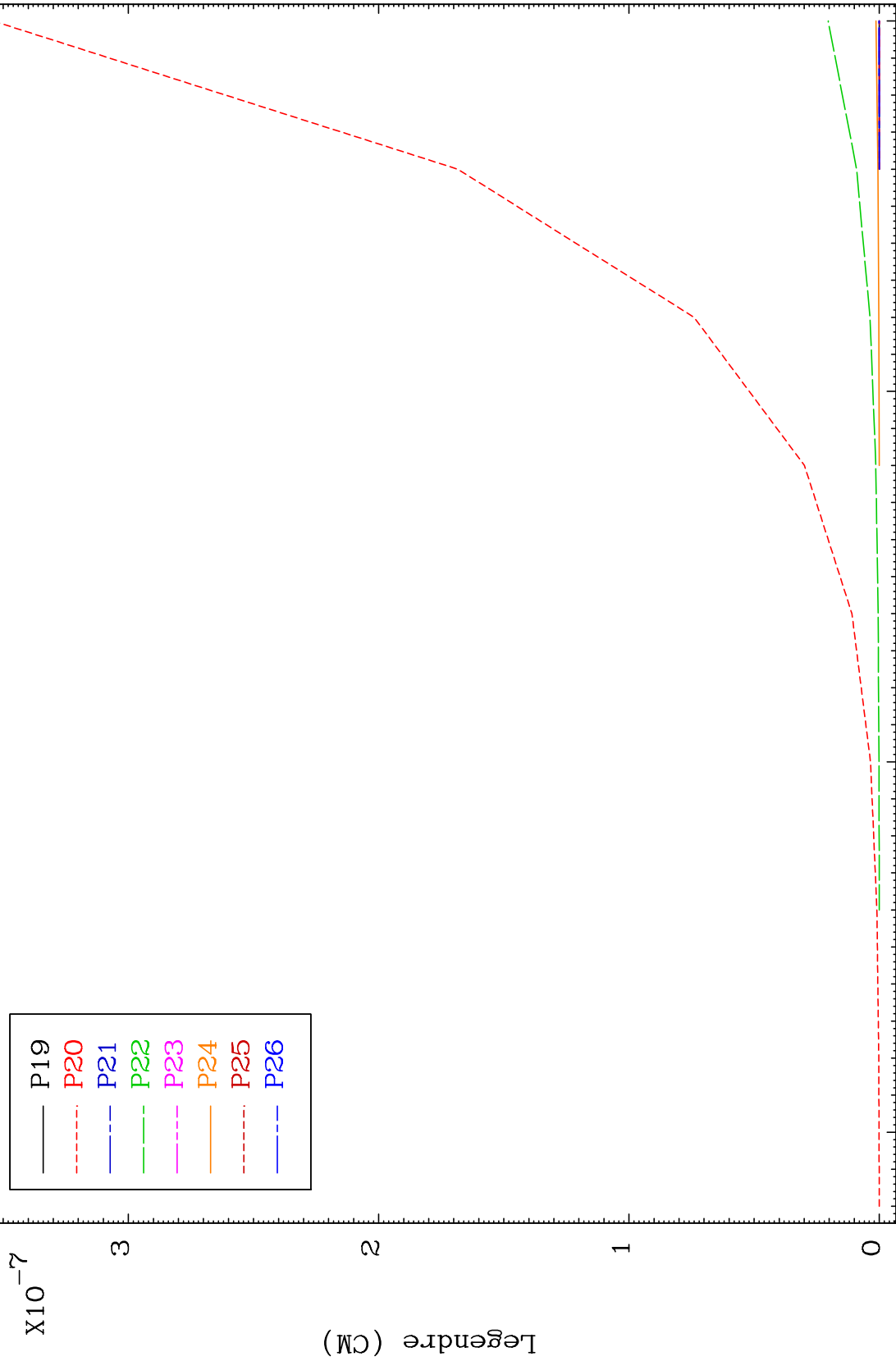
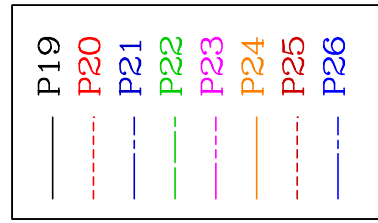
Incident Energy (MeV)

47-Ag-110

MAT 4735

Elastic Legendre Coefficients

47-Ag-110



17

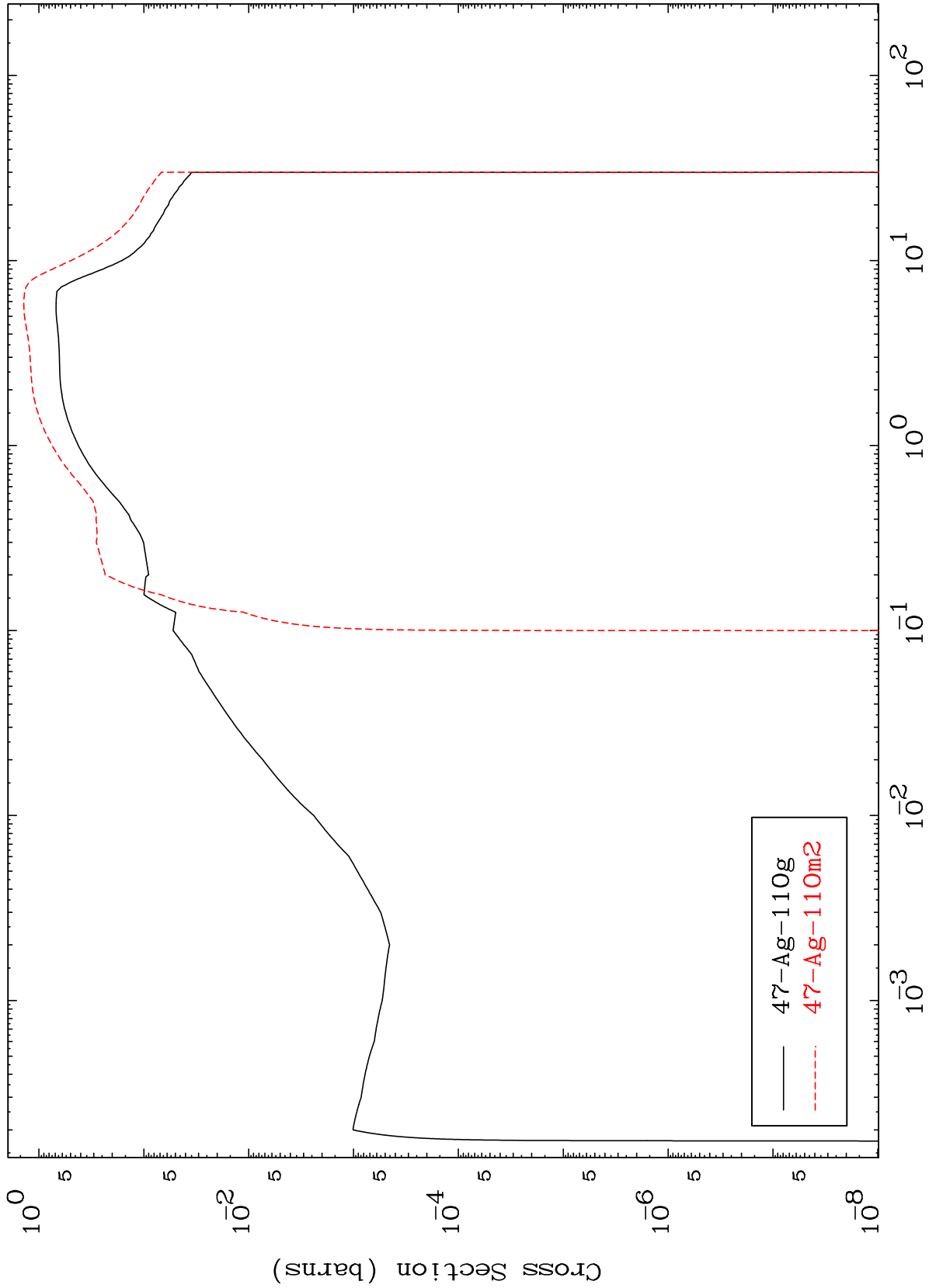
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

Inelastic  
Radionuclide Production Cross Section



18

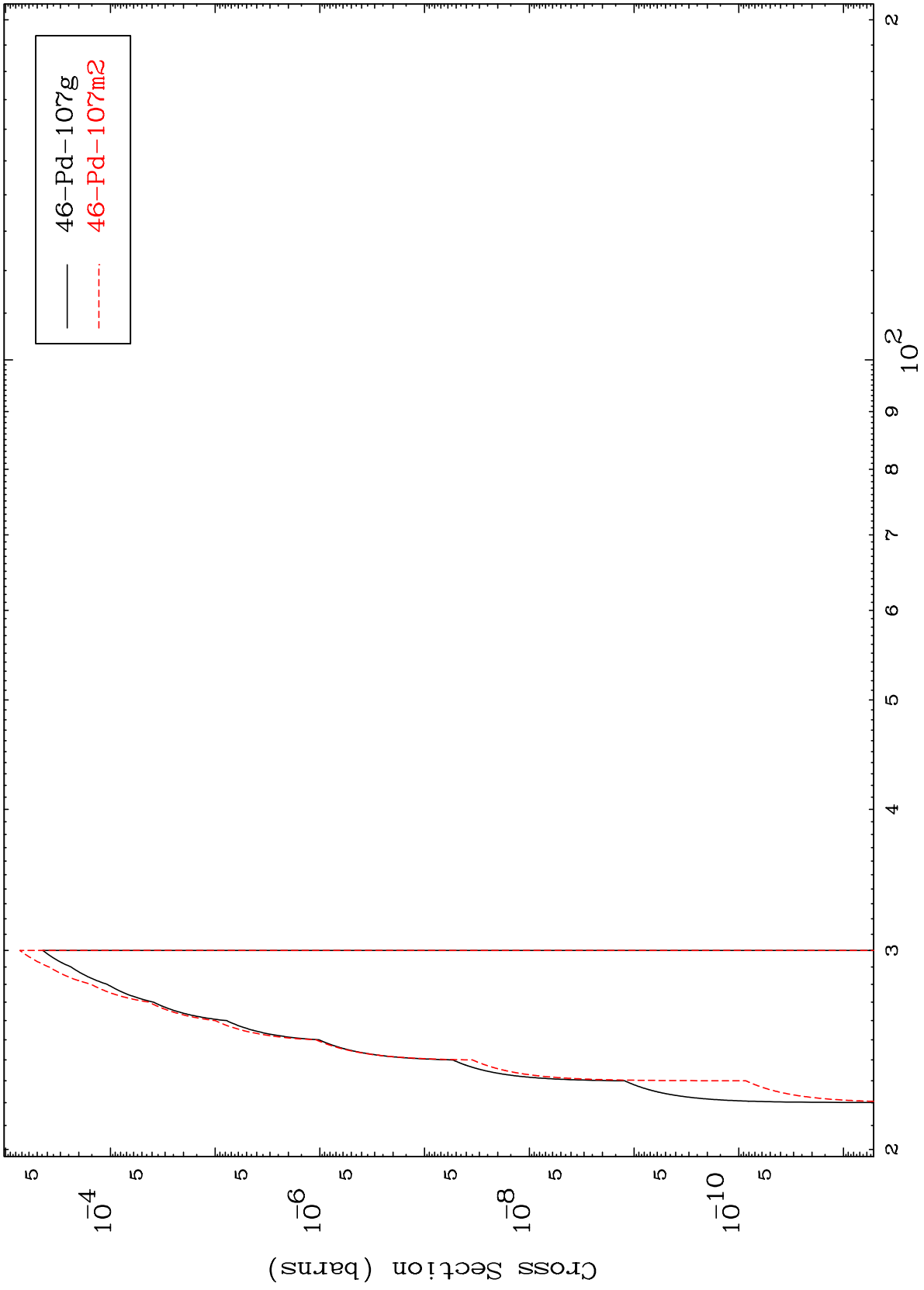
47-Ag-110

MAT 4735

(n,2n) d

47-Ag-110

Radionuclide Production Cross Section



19

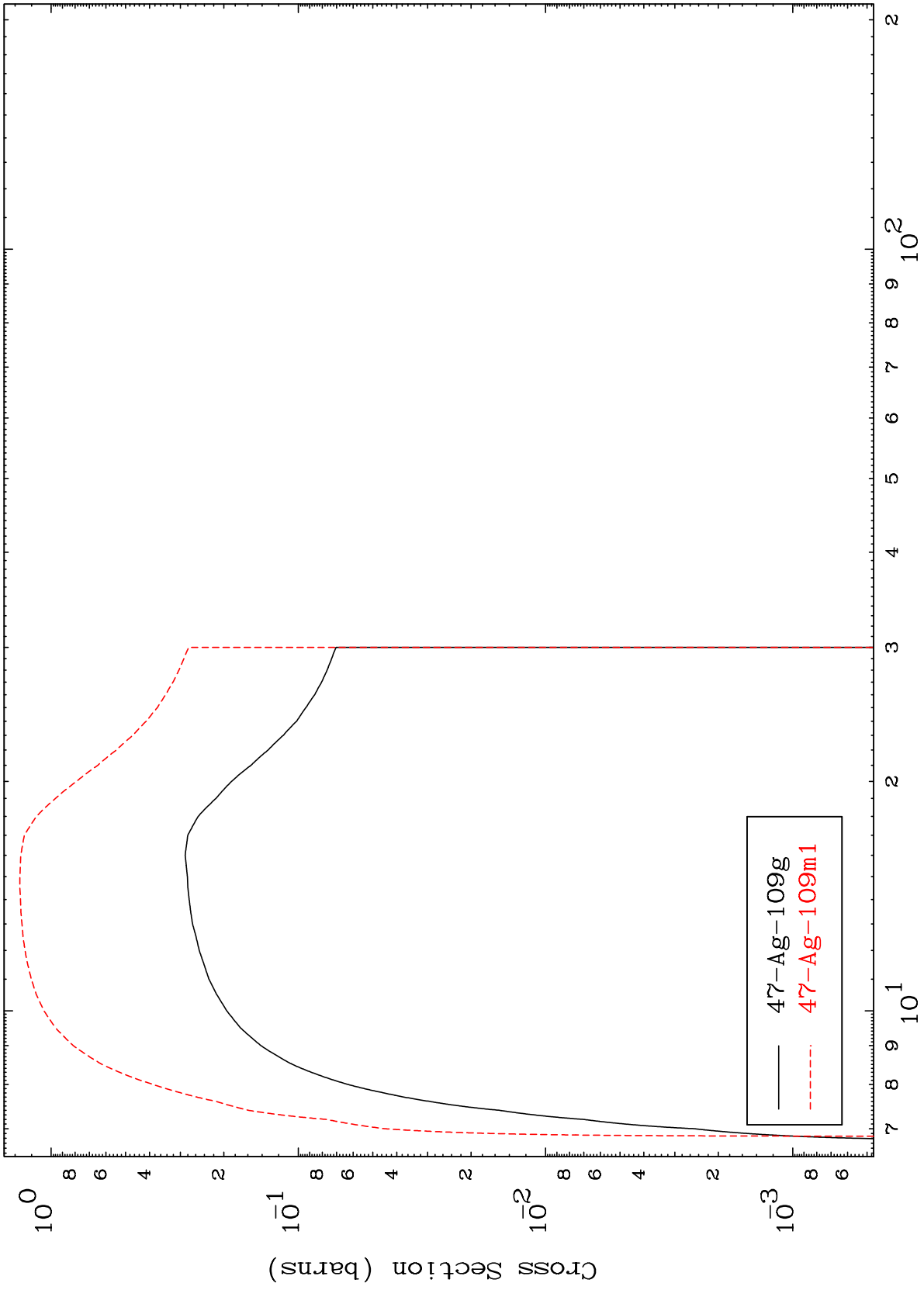
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

(n,2n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

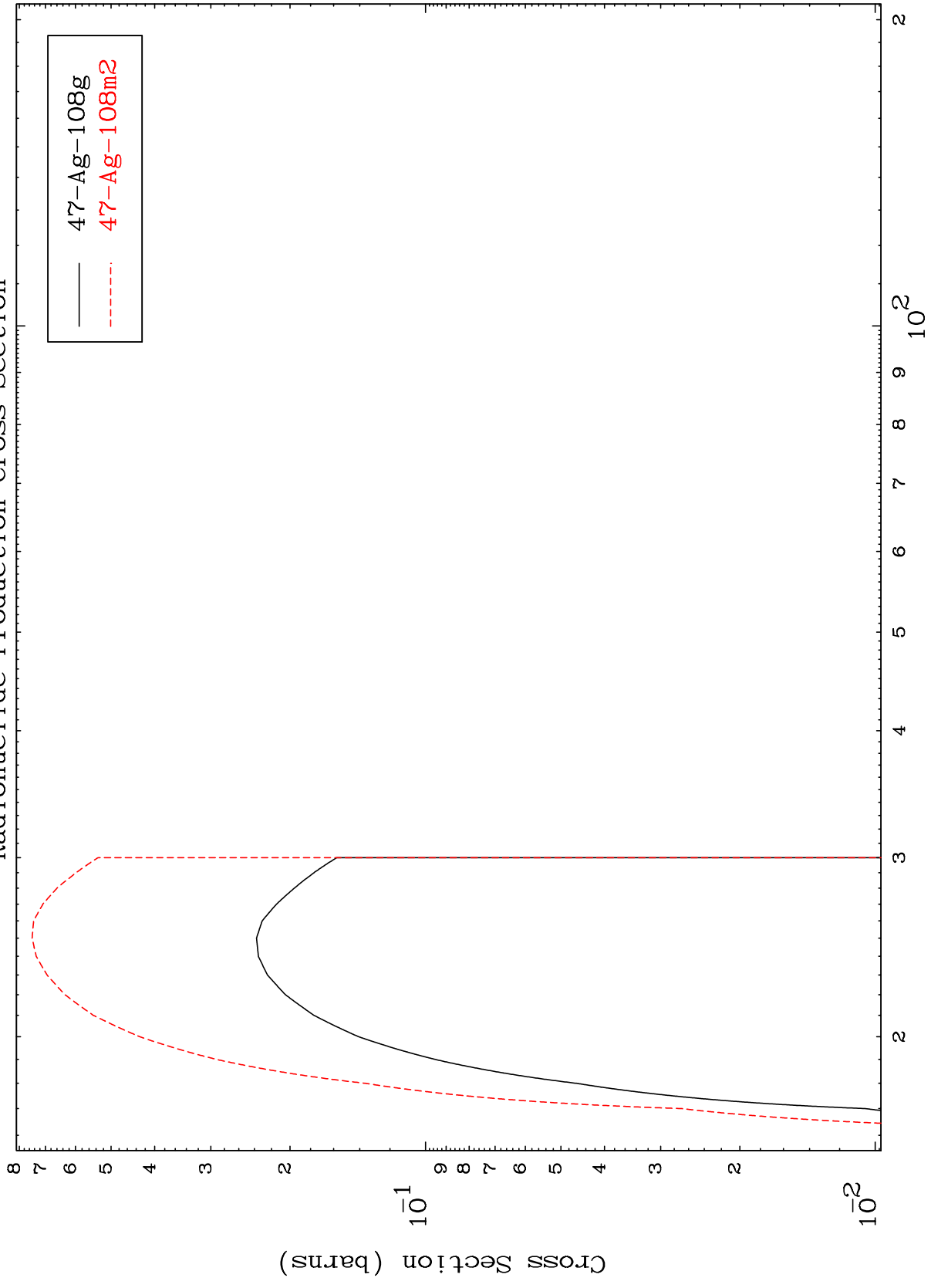
47-Ag-110

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(n,3n)

47-Ag-110

Radionuclide Production Cross Section



21

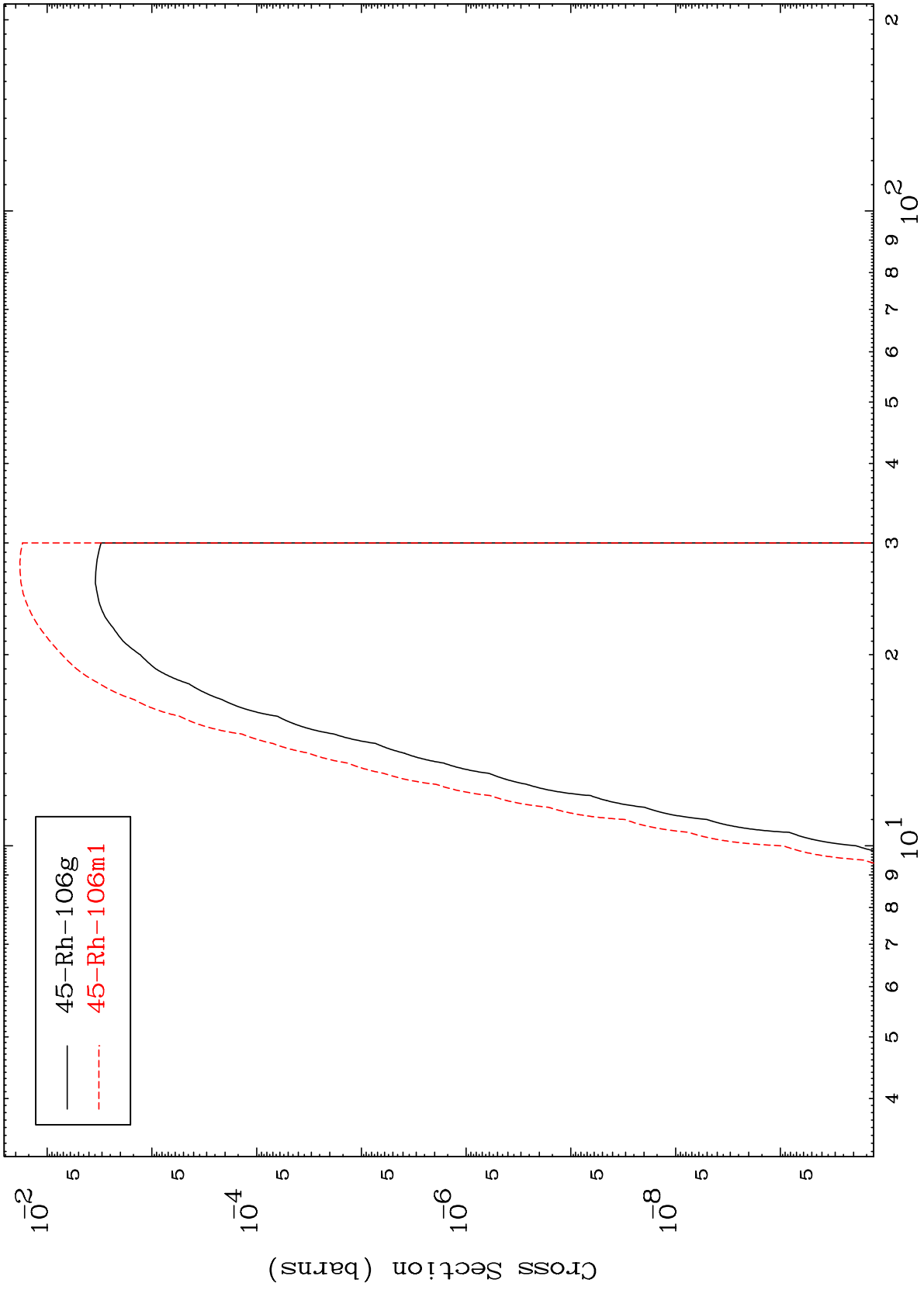
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

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



22

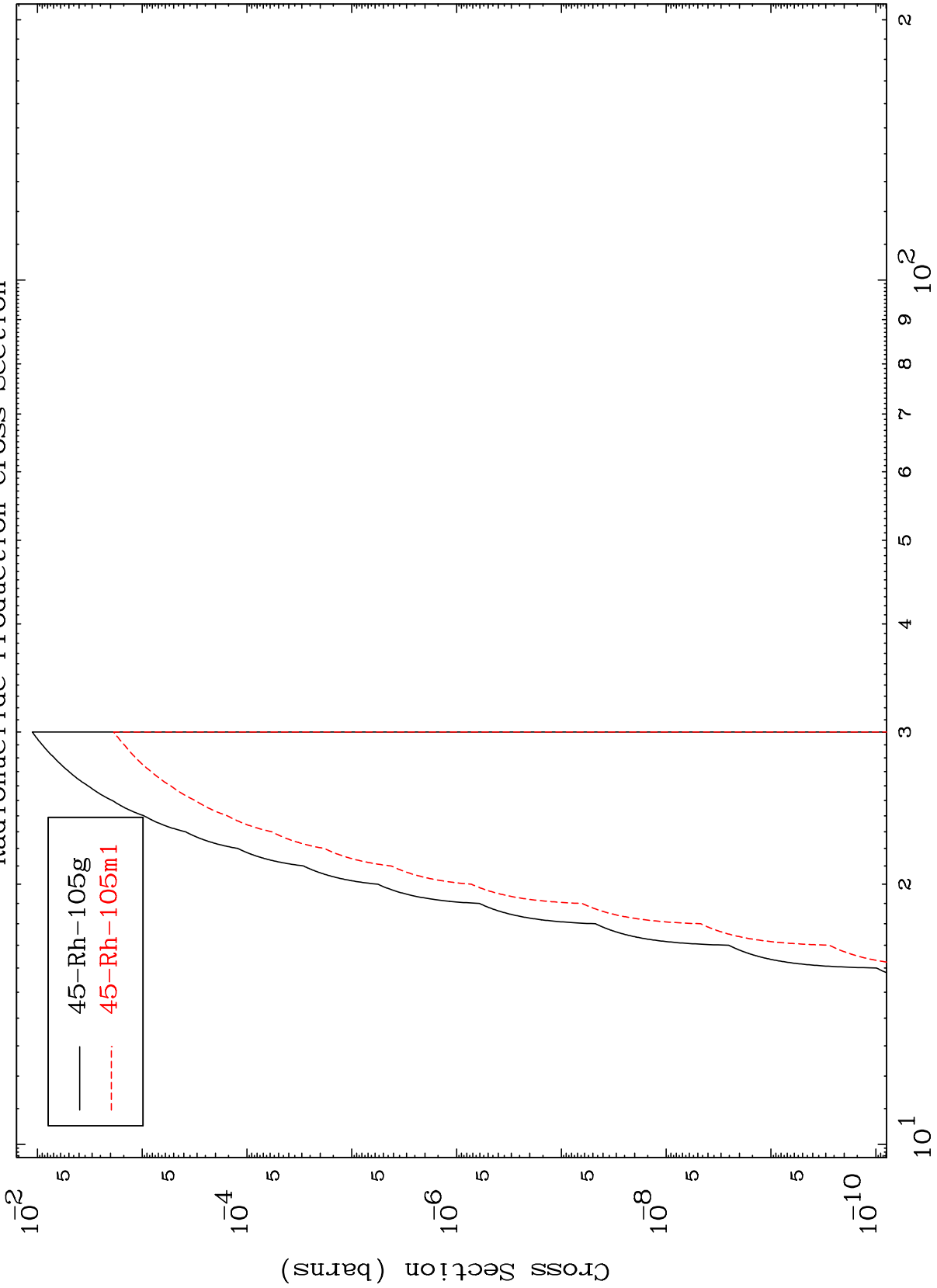
47-Ag-110

MAT 4735

(n,2n)  $\alpha$

47-Ag-110

Radionuclide Production Cross Section



23

Incident Energy (MeV)

47-Ag-110

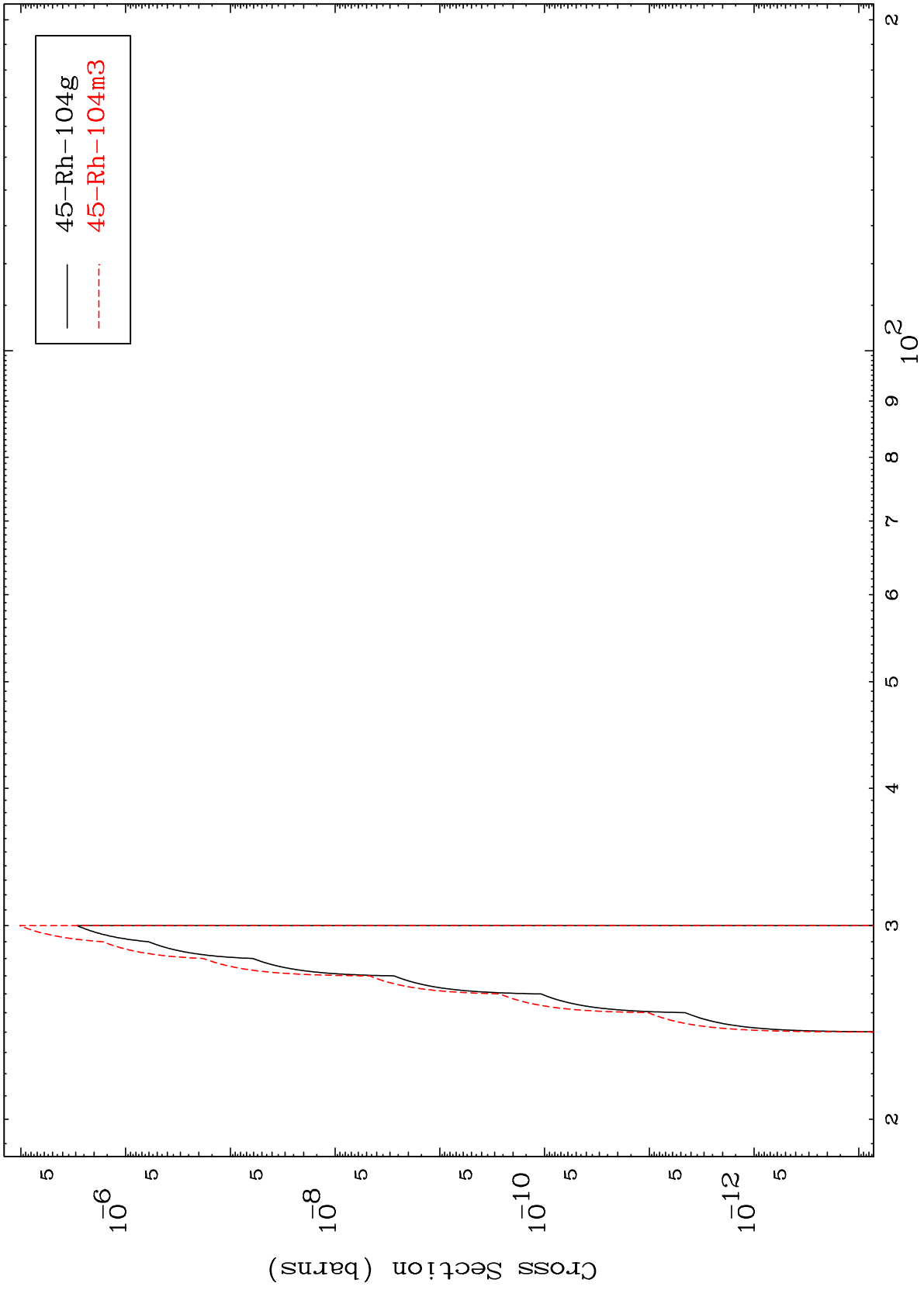


MAT 4735

(n,3n)  $\alpha$

47-Ag-110

Radionuclide Production Cross Section



24

Incident Energy (MeV)

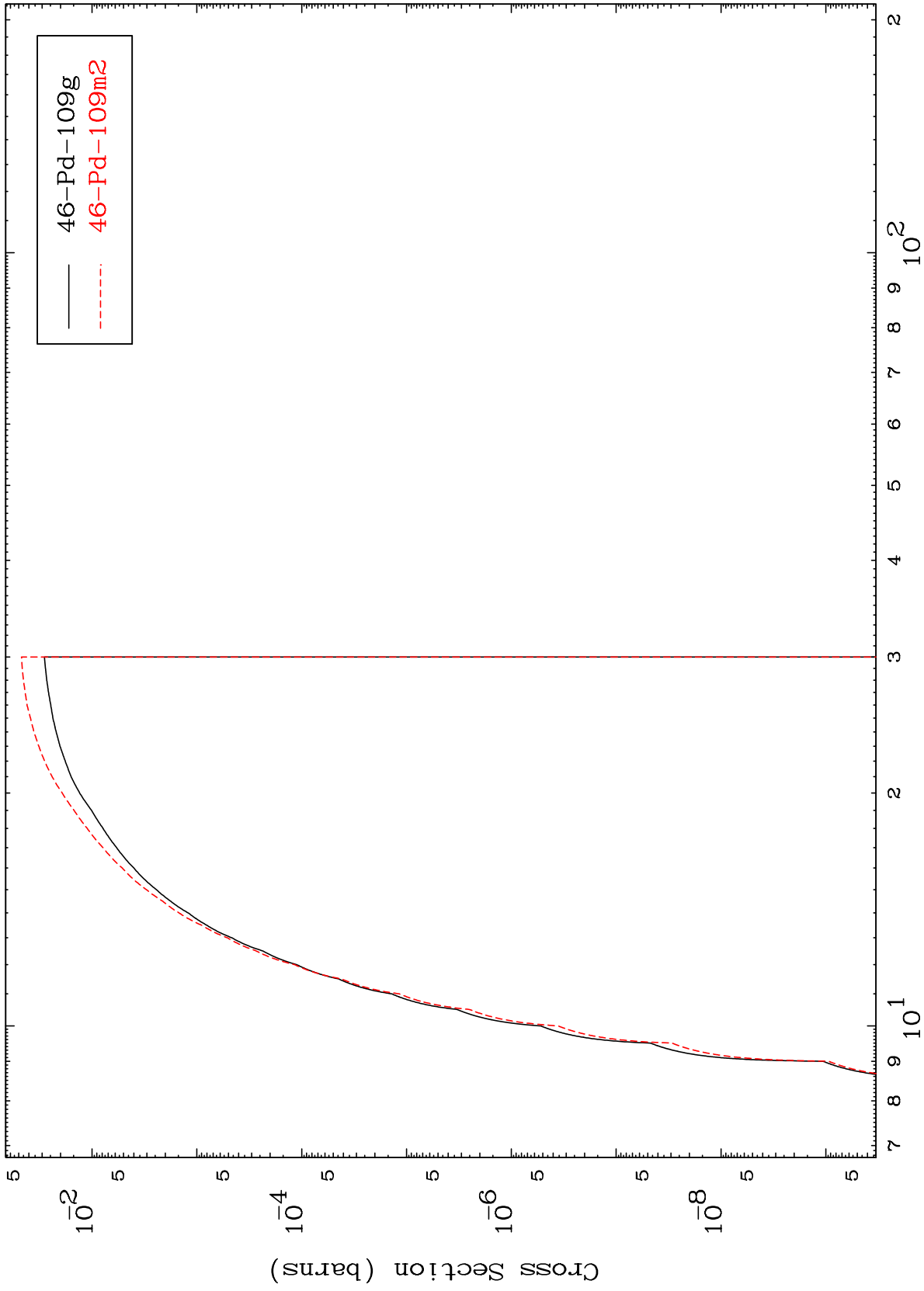
47-Ag-110

MAT 4735

(n,n') p

47-Ag-110

Radionuclide Production Cross Section



25

Incident Energy (MeV)

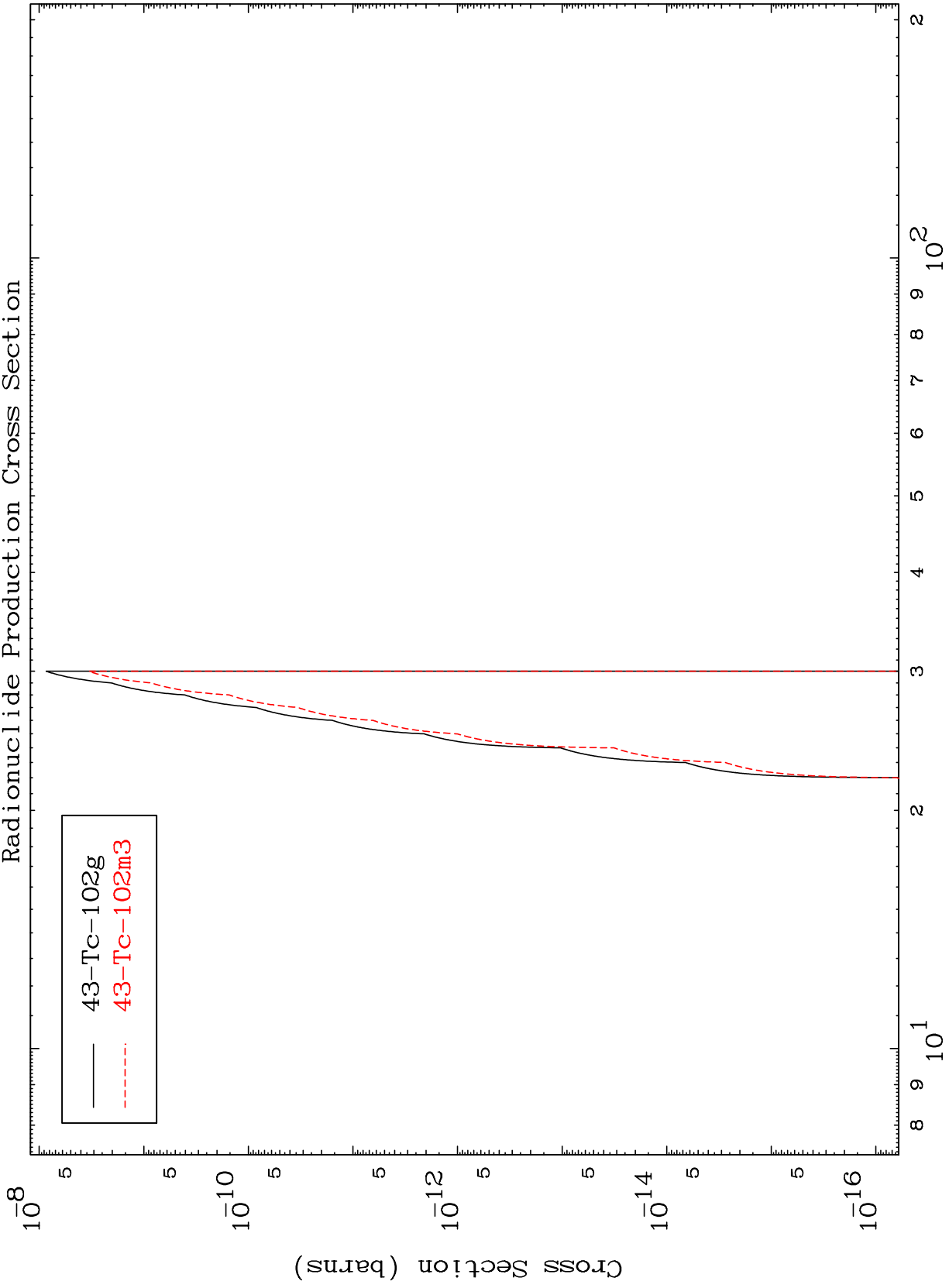
47-Ag-110

MAT 4735

(n,n') 2α

47-Ag-110

Radionuclide Production Cross Section



26

Incident Energy (MeV)

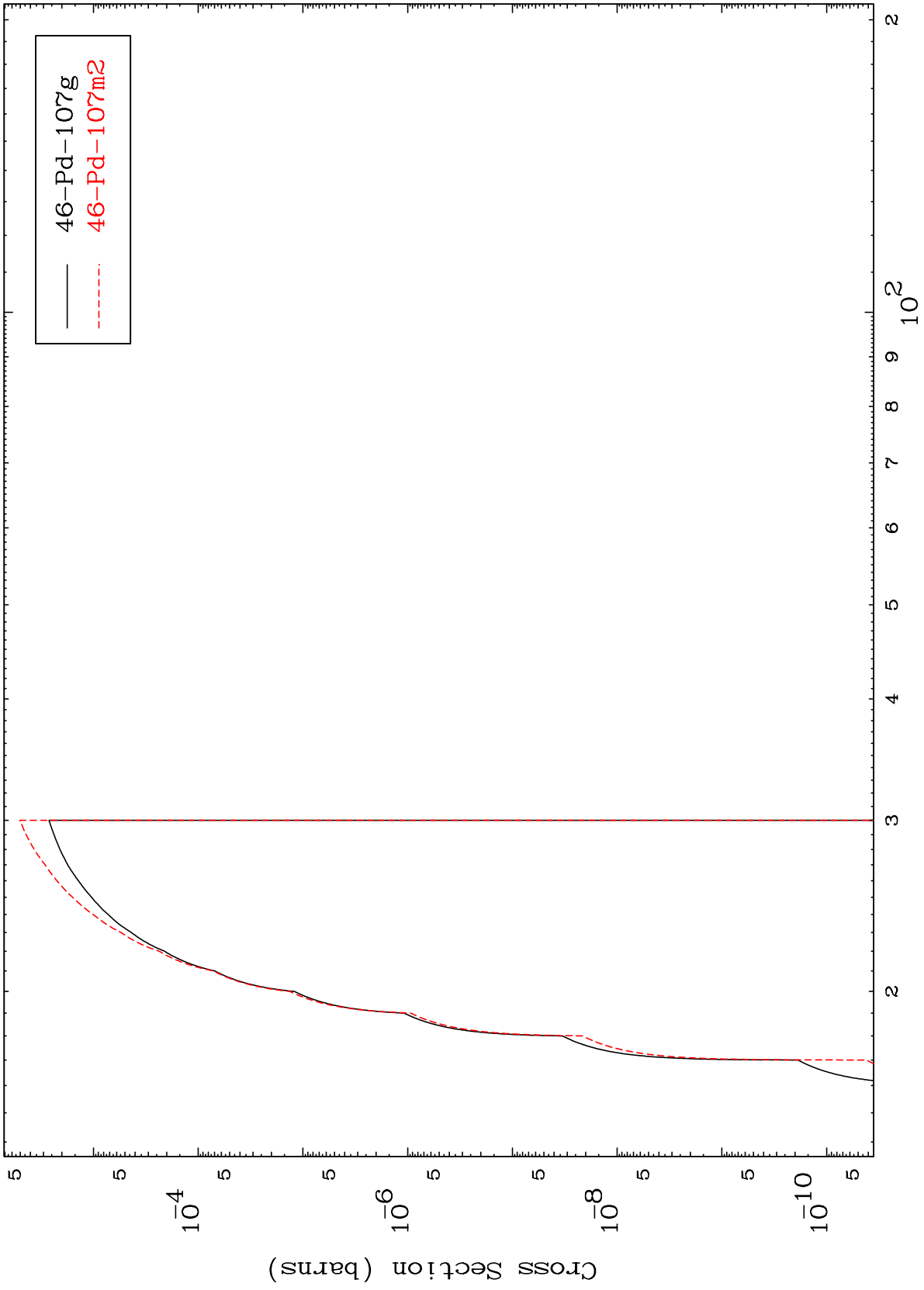
47-Ag-110

MAT 4735

(n,n') t

47-Ag-110

Radionuclide Production Cross Section



27

Incident Energy (MeV)

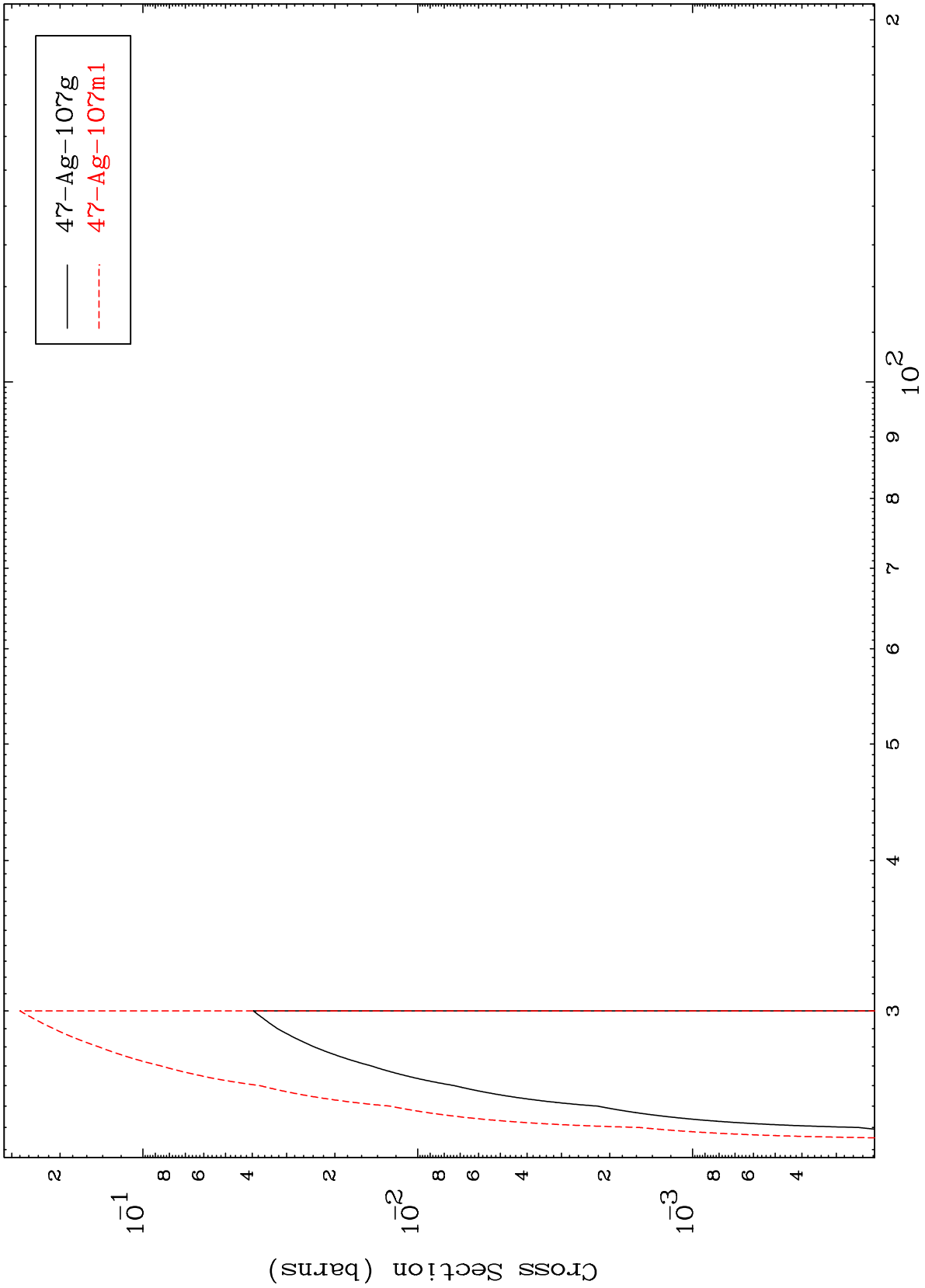
47-Ag-110

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(n,4n)

47-Ag-110

Radionuclide Production Cross Section



47-Ag-107g  
47-Ag-107m1

28

Incident Energy (MeV)

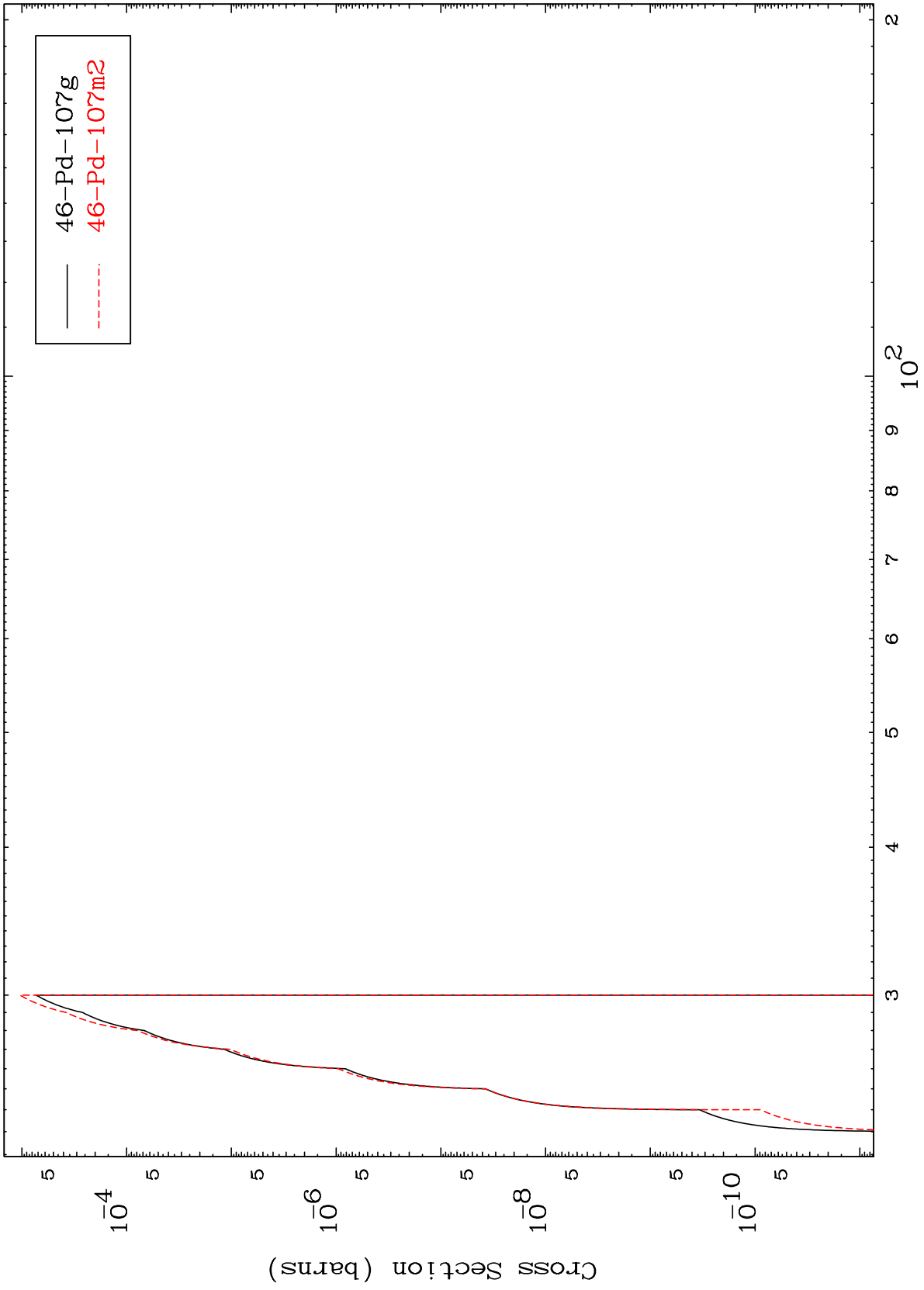
47-Ag-110

MAT 4735

(n,3n) p

47-Ag-110

Radionuclide Production Cross Section



29

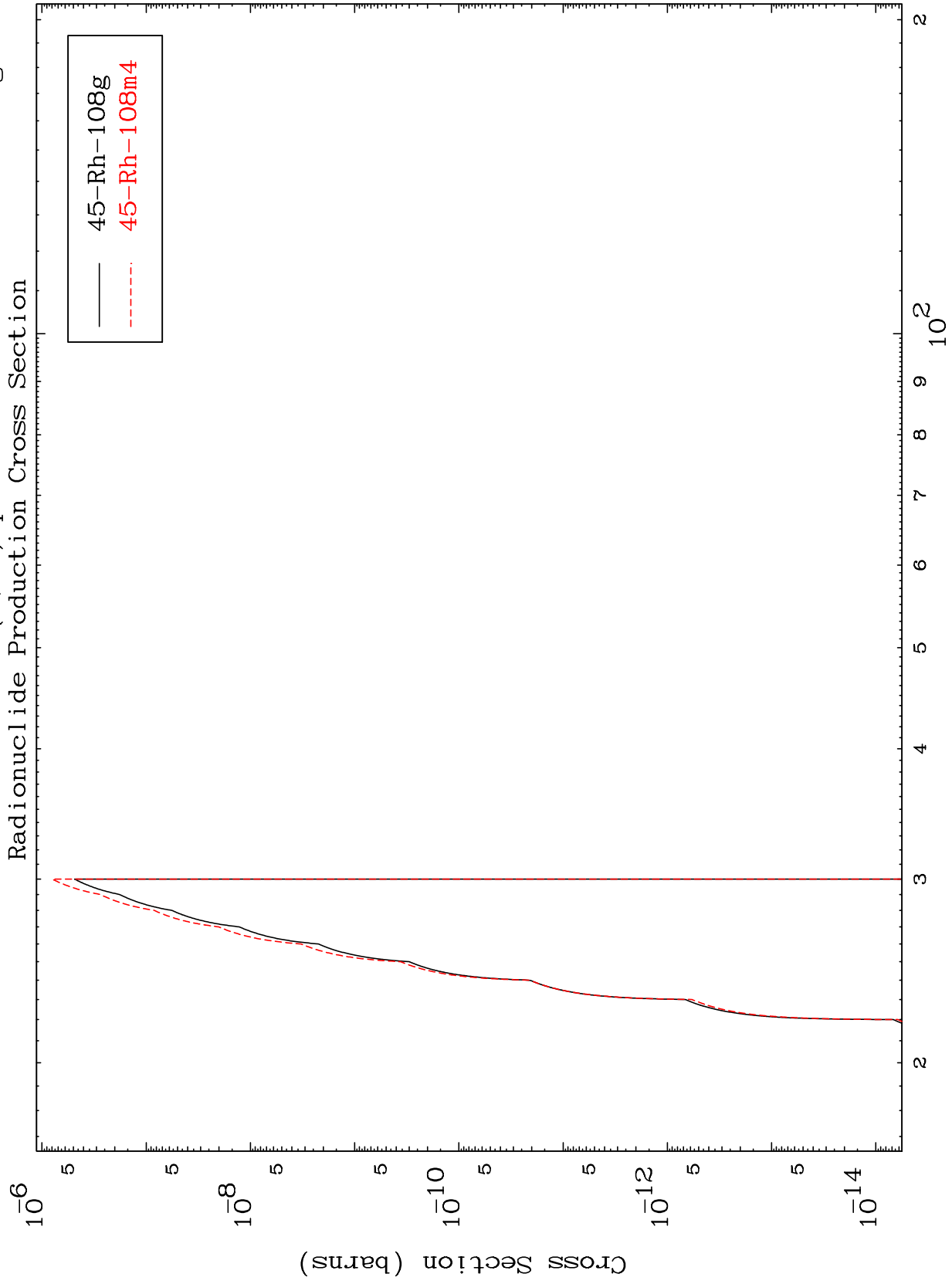
Incident Energy (MeV)

47-Ag-110

MAT 4735

(n,2n) p

47-Ag-110



30

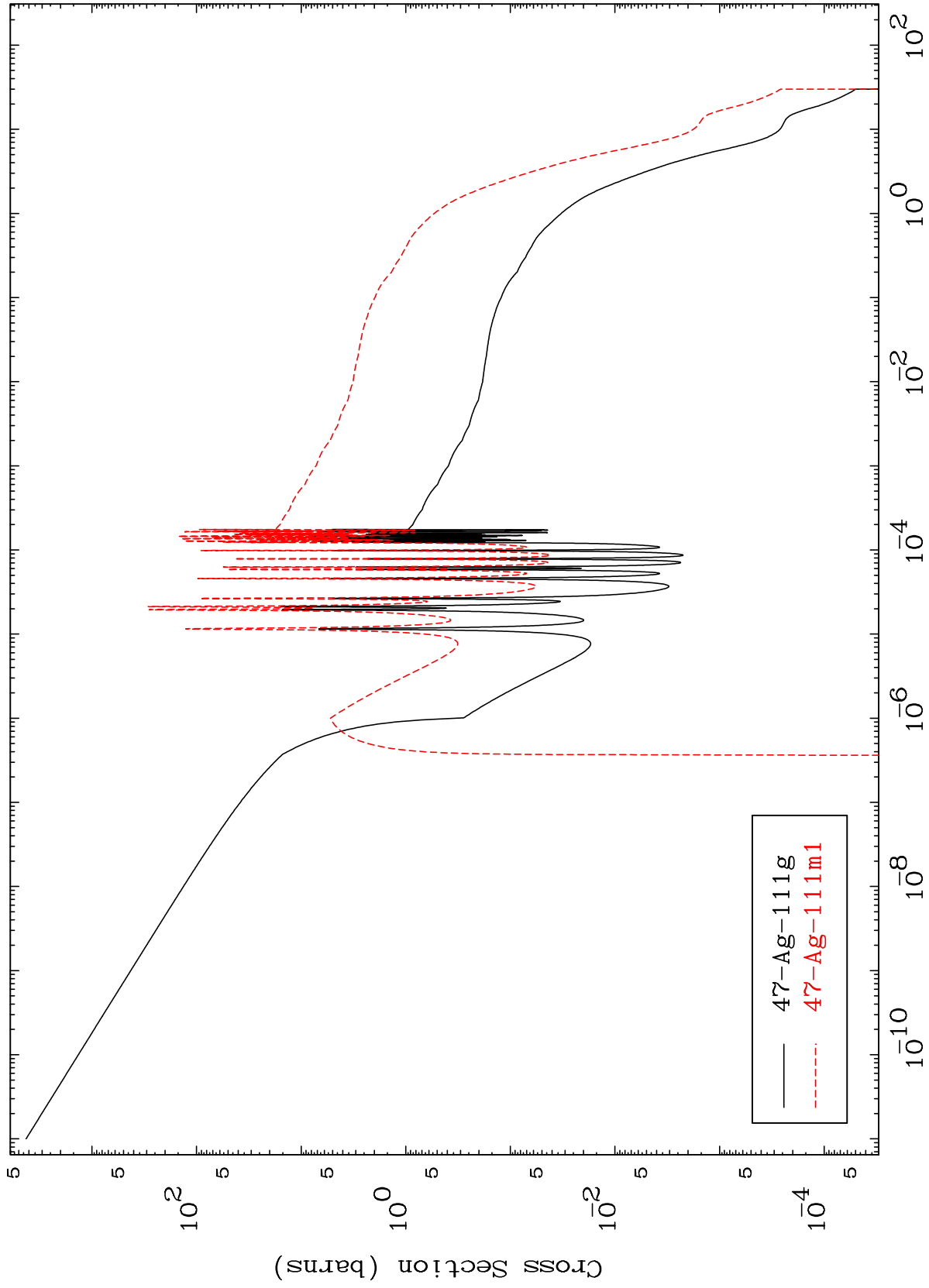
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

(n,  $\gamma$ )  
Radionuclide Production Cross Section



31

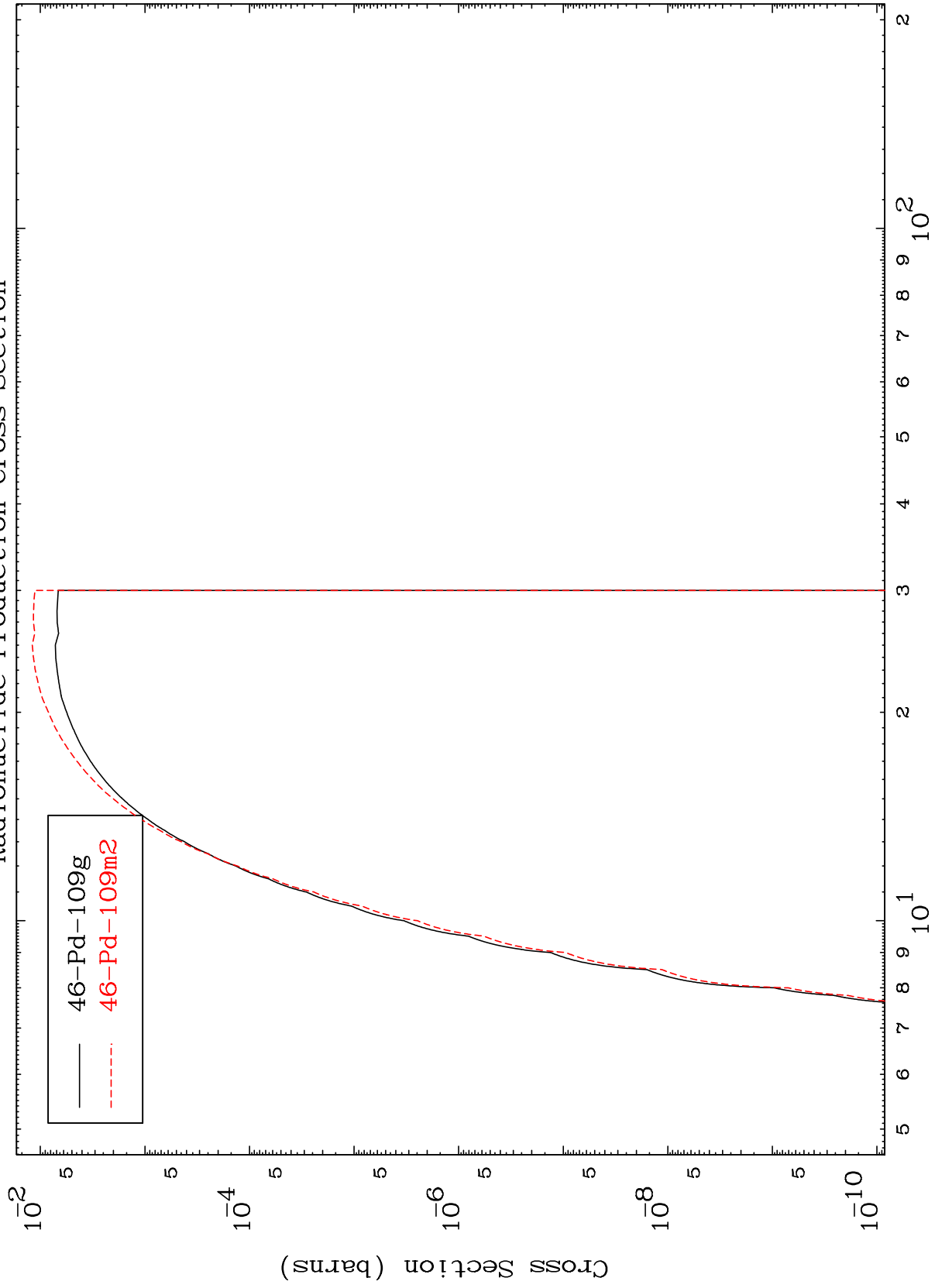
47-Ag-110



MAT 4735

47-Ag-110

(n,d)  
Radionuclide Production Cross Section



32

Incident Energy (MeV)

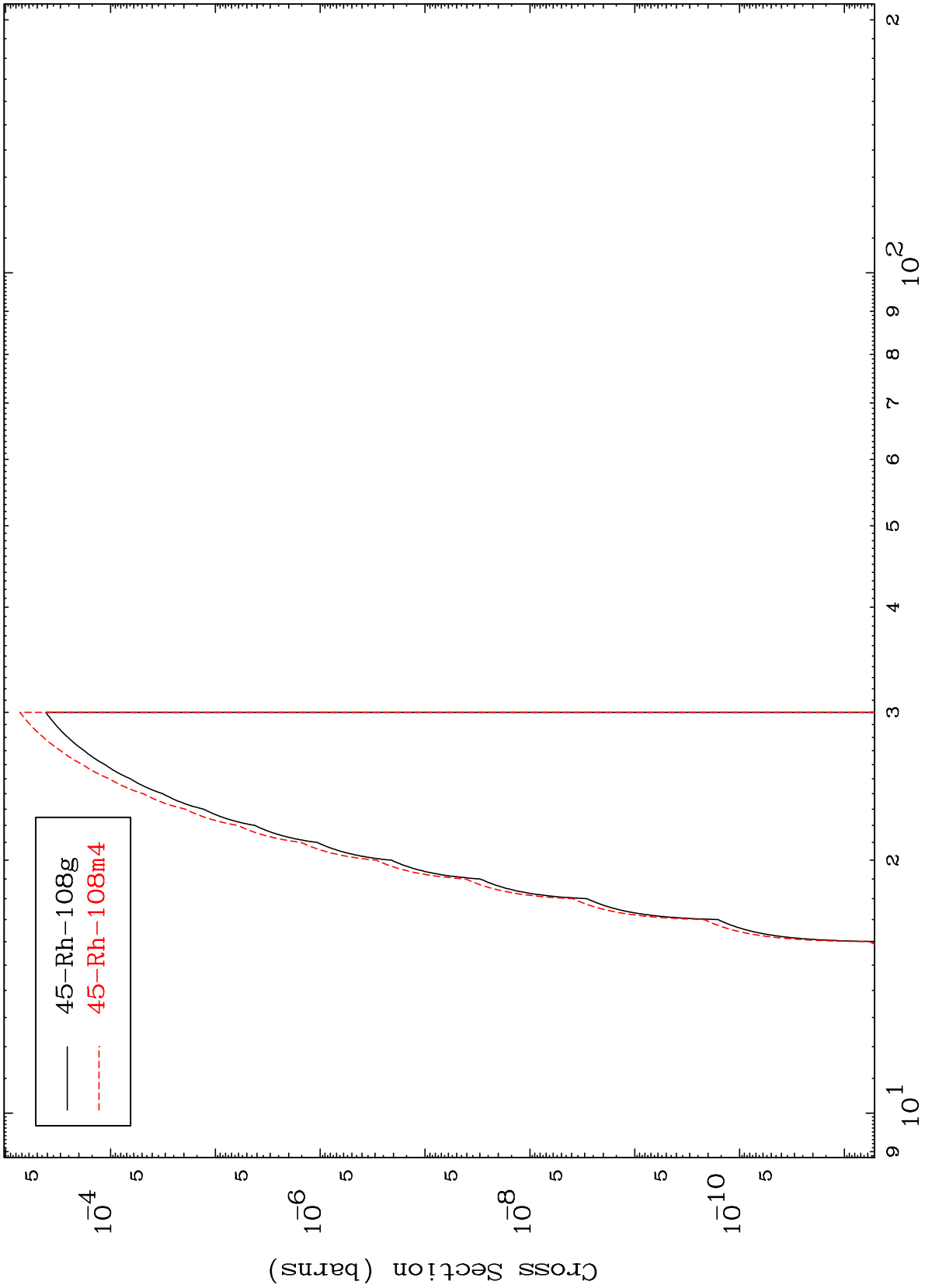
47-Ag-110

MAT 4735

(n, He-3)

47-Ag-110

Radionuclide Production Cross Section



33

Incident Energy (MeV)

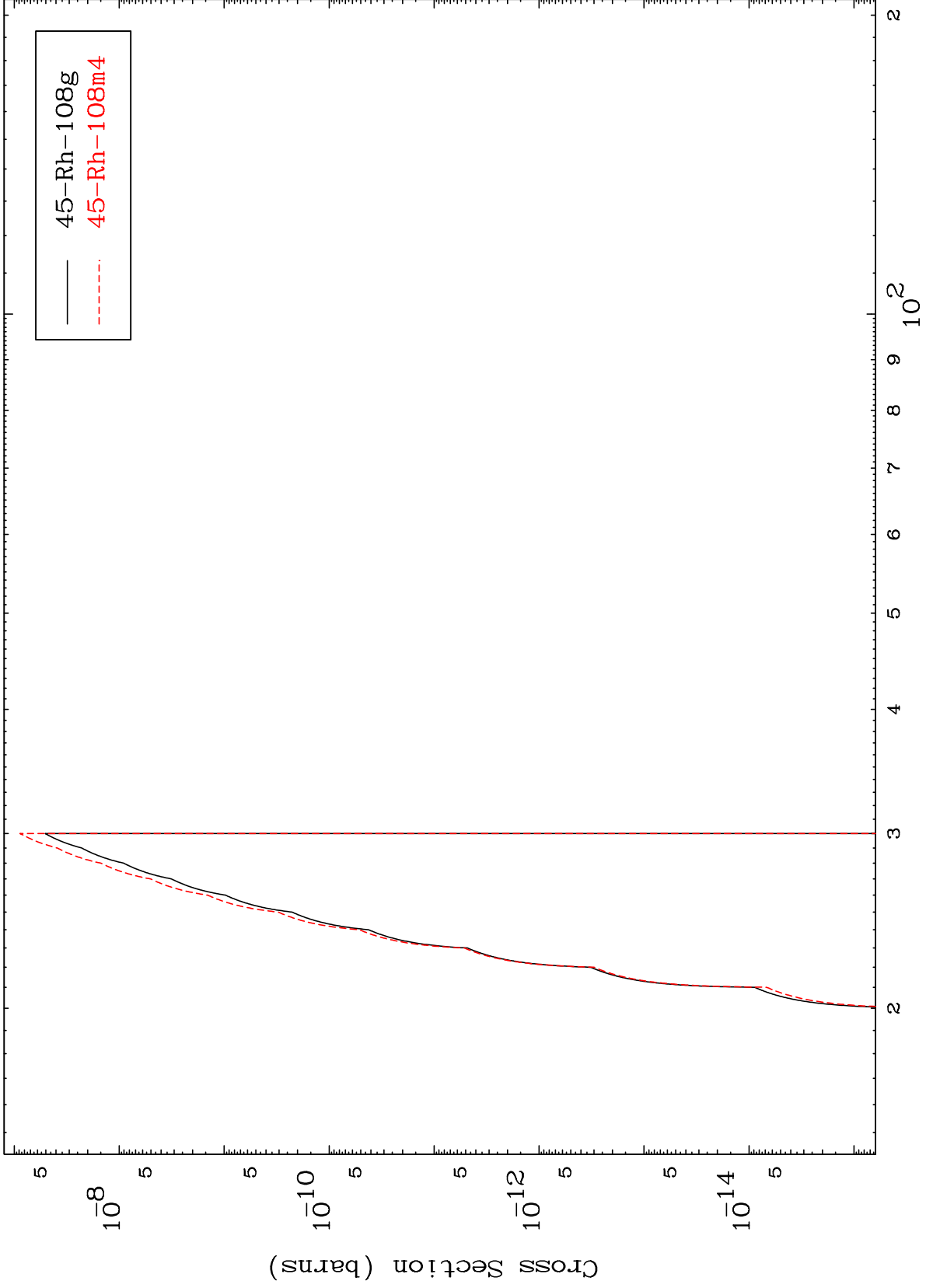
47-Ag-110

MAT 4735

(n,p) d

47-Ag-110

Radionuclide Production Cross Section



34

Incident Energy (MeV)

47-Ag-110