

Program EVALPLOT
(Version 2017-1)

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

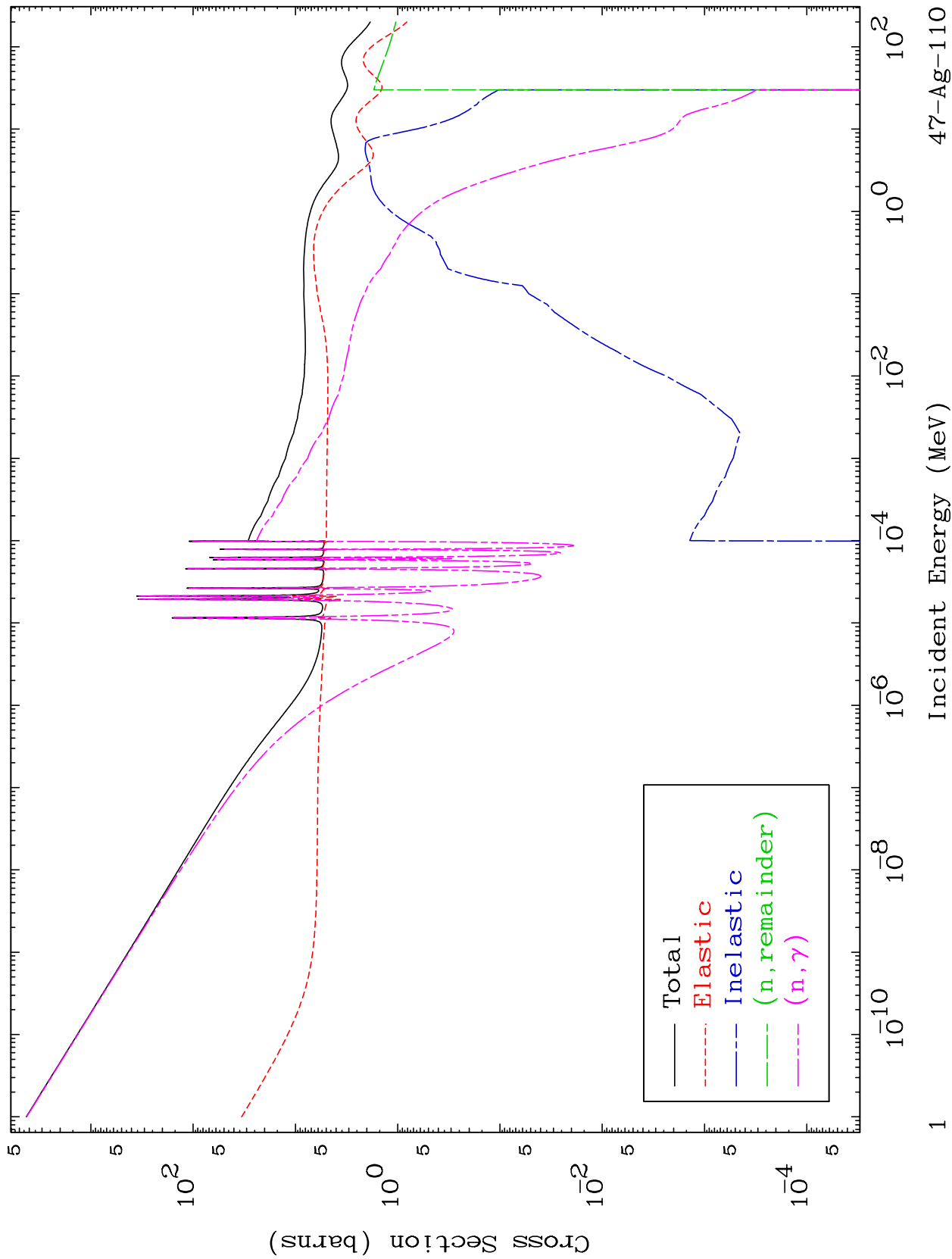
Press Mouse Button to Start

MAT 4735

Major

293 Kelvin Cross Sections

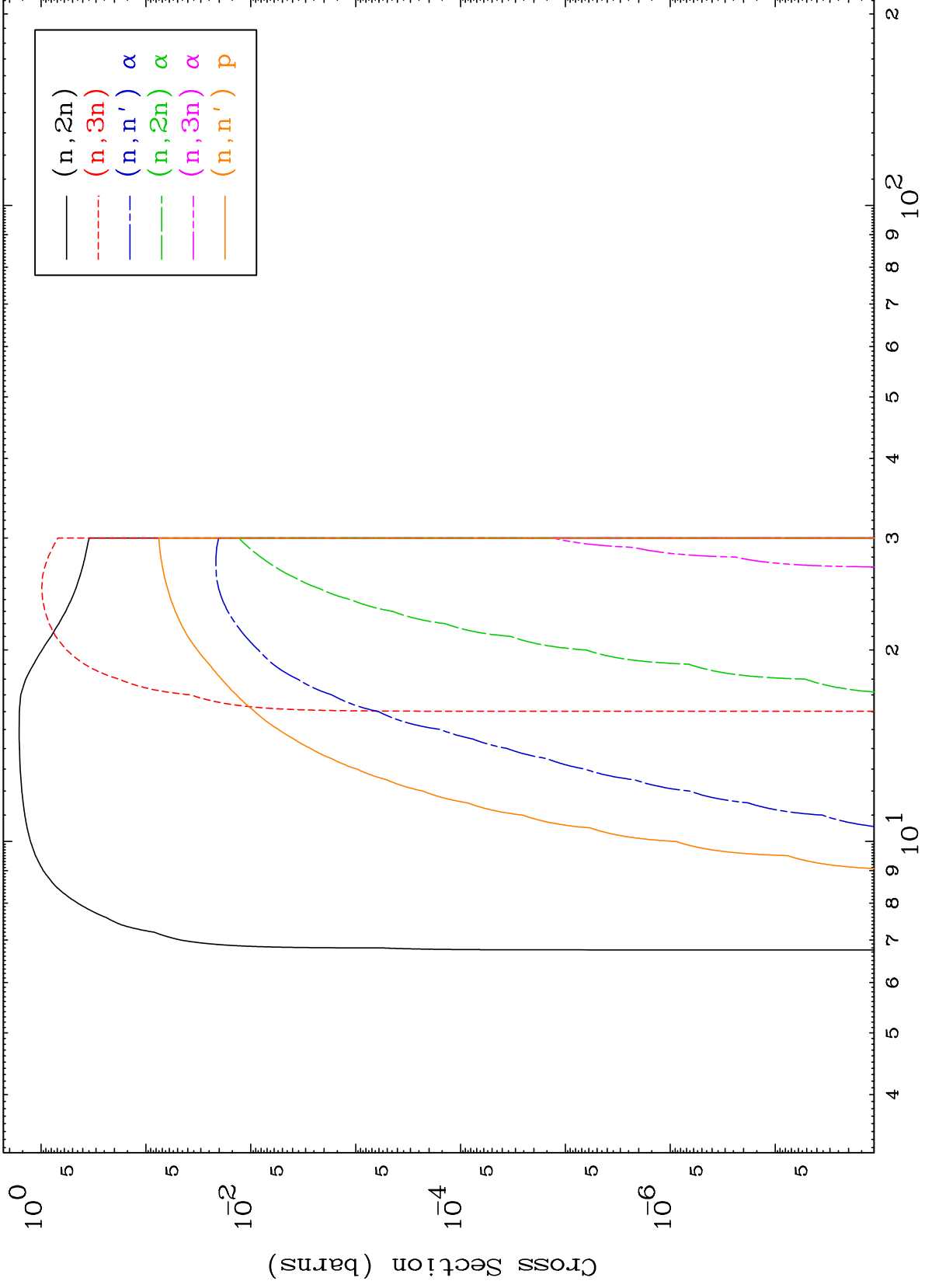
47-Ag-110



MAT 4735

Neutron Production
293 Kelvin Cross Sections

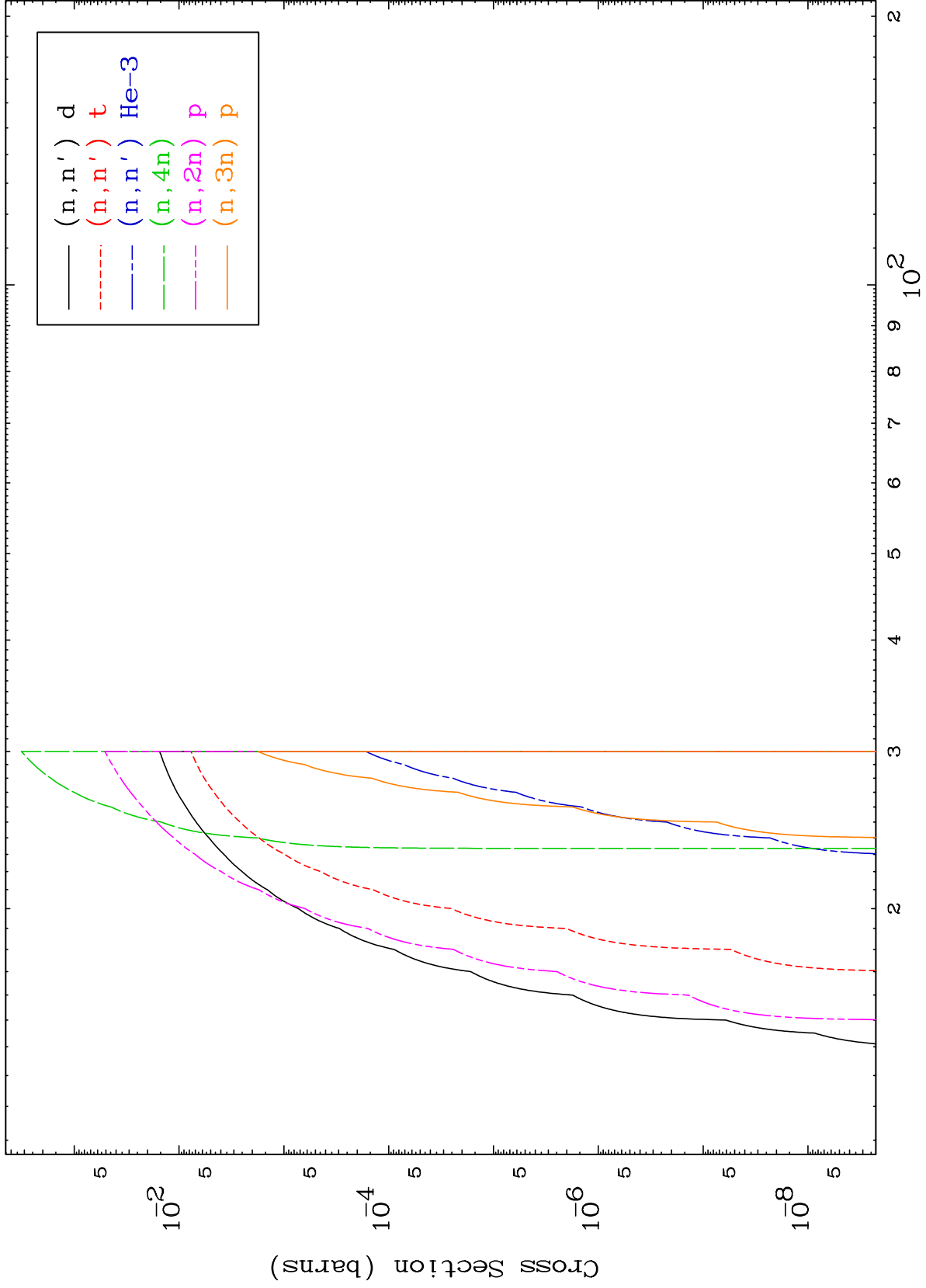
47-Ag-110

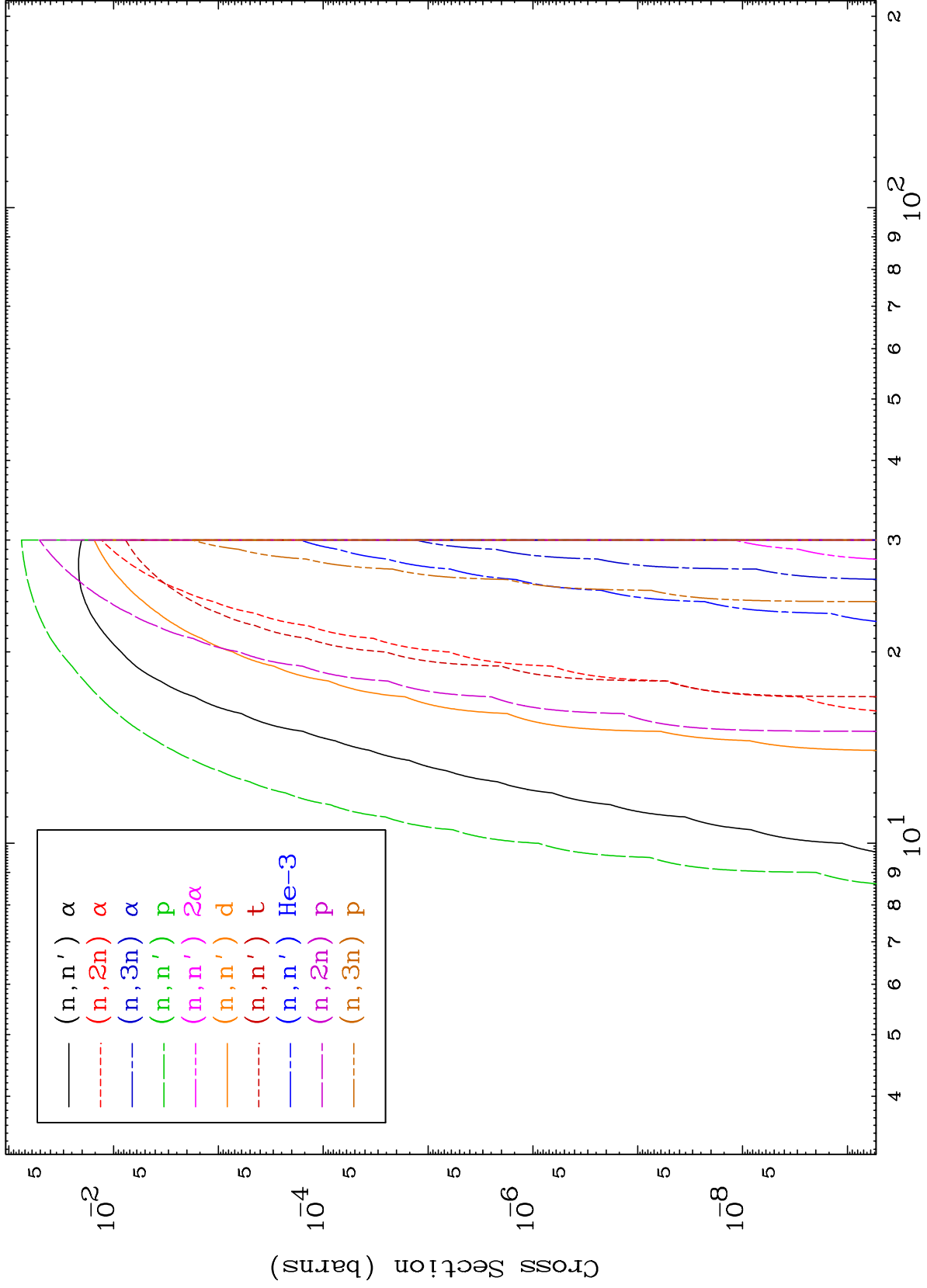


2

Incident Energy (MeV)

47-Ag-110

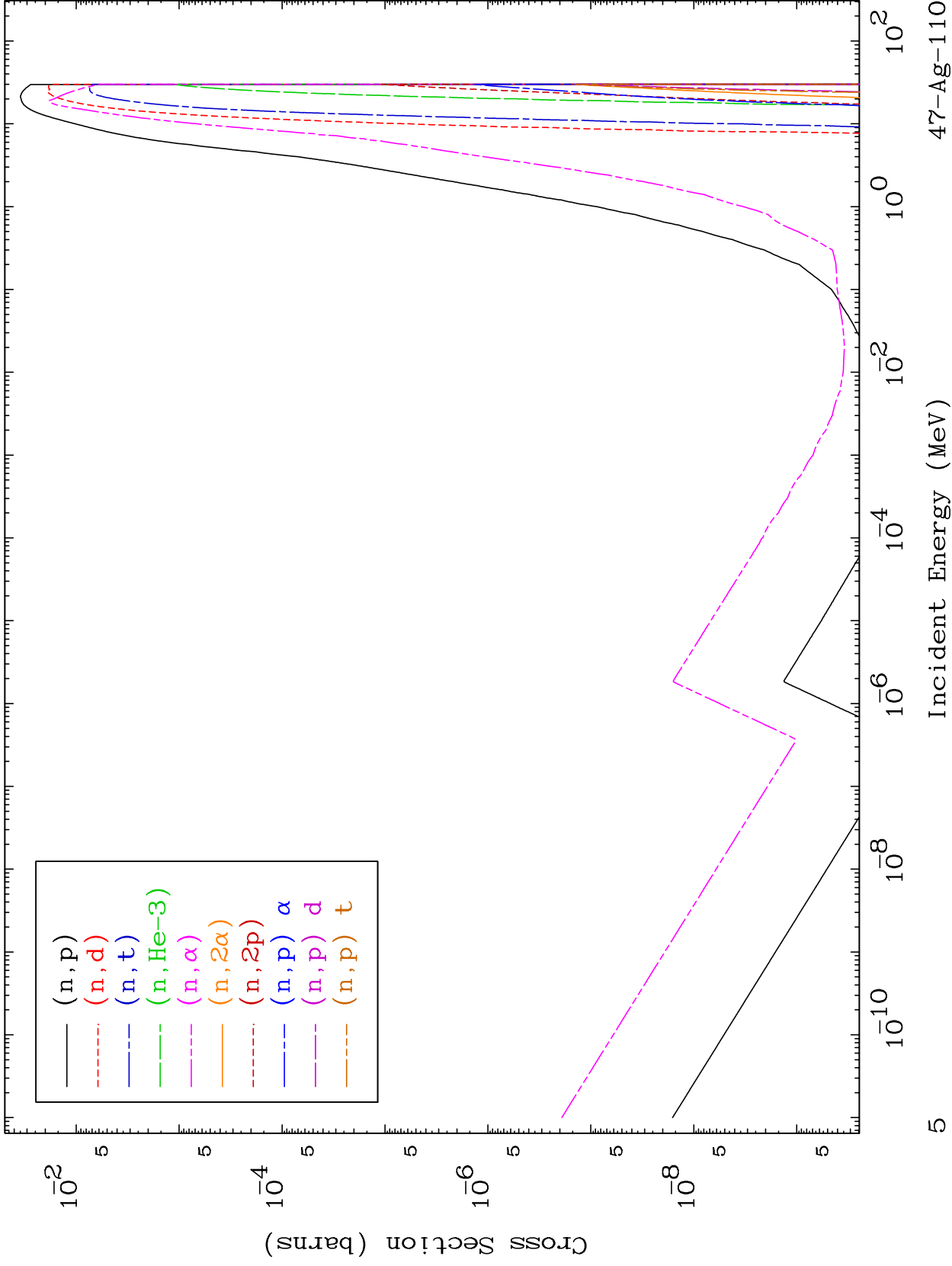




MAT 4735

Charged Particle
293 Kelvin Cross Sections

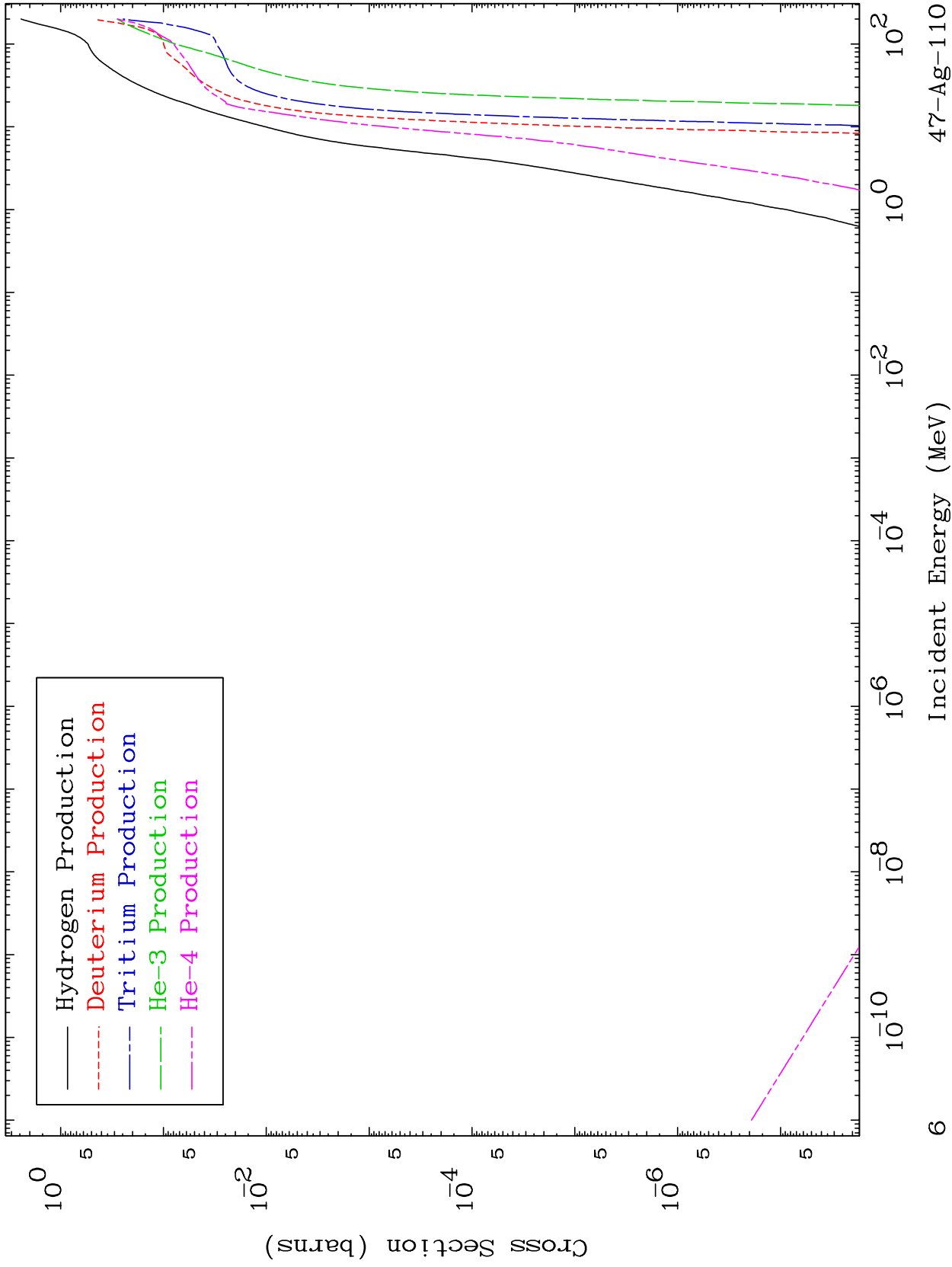
47-Ag-110



MAT 4735

Particle Production
293 Kelvin Cross Sections

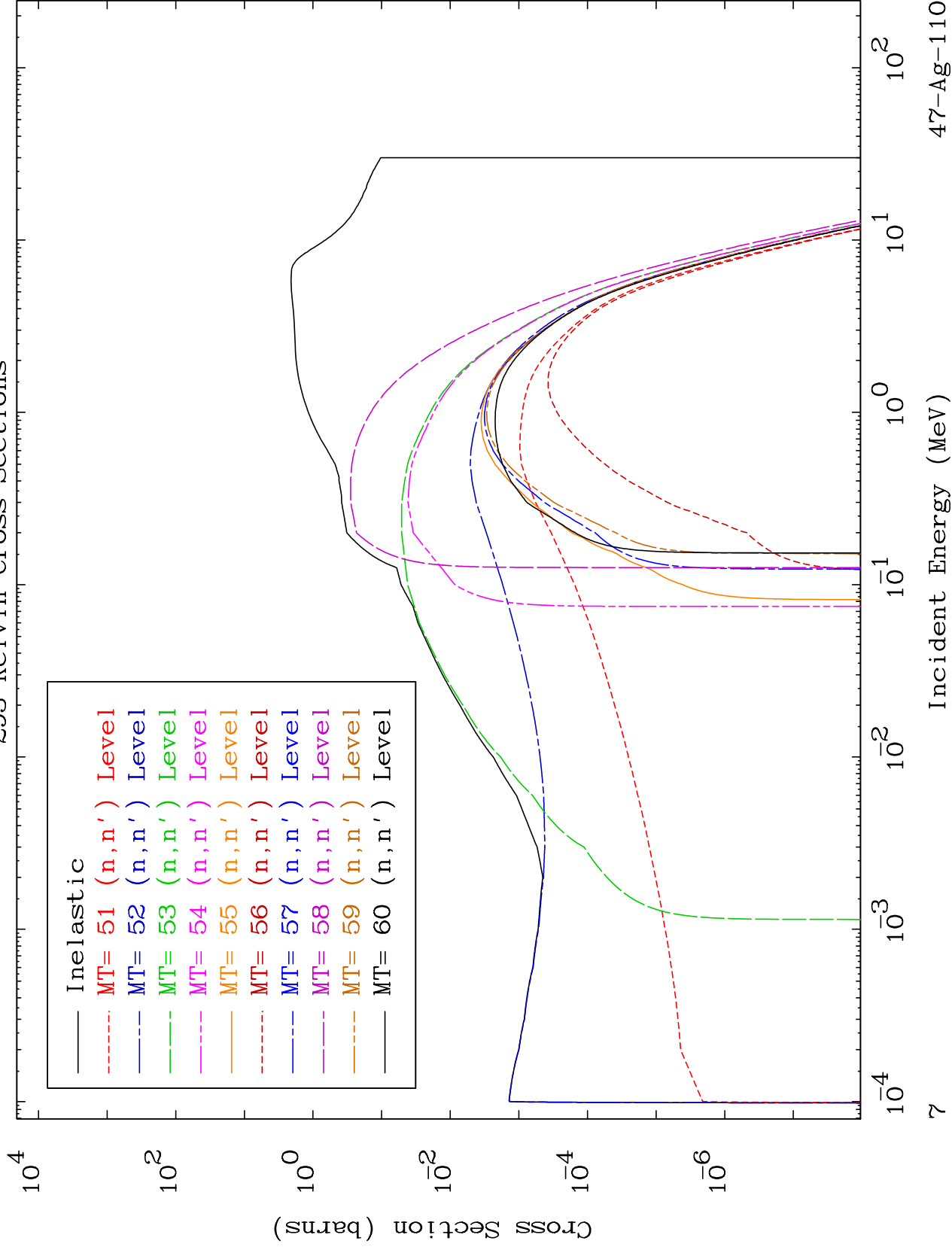
47-Ag-110



MAT 4735

293 Kelvin Cross Sections

47-Ag-110



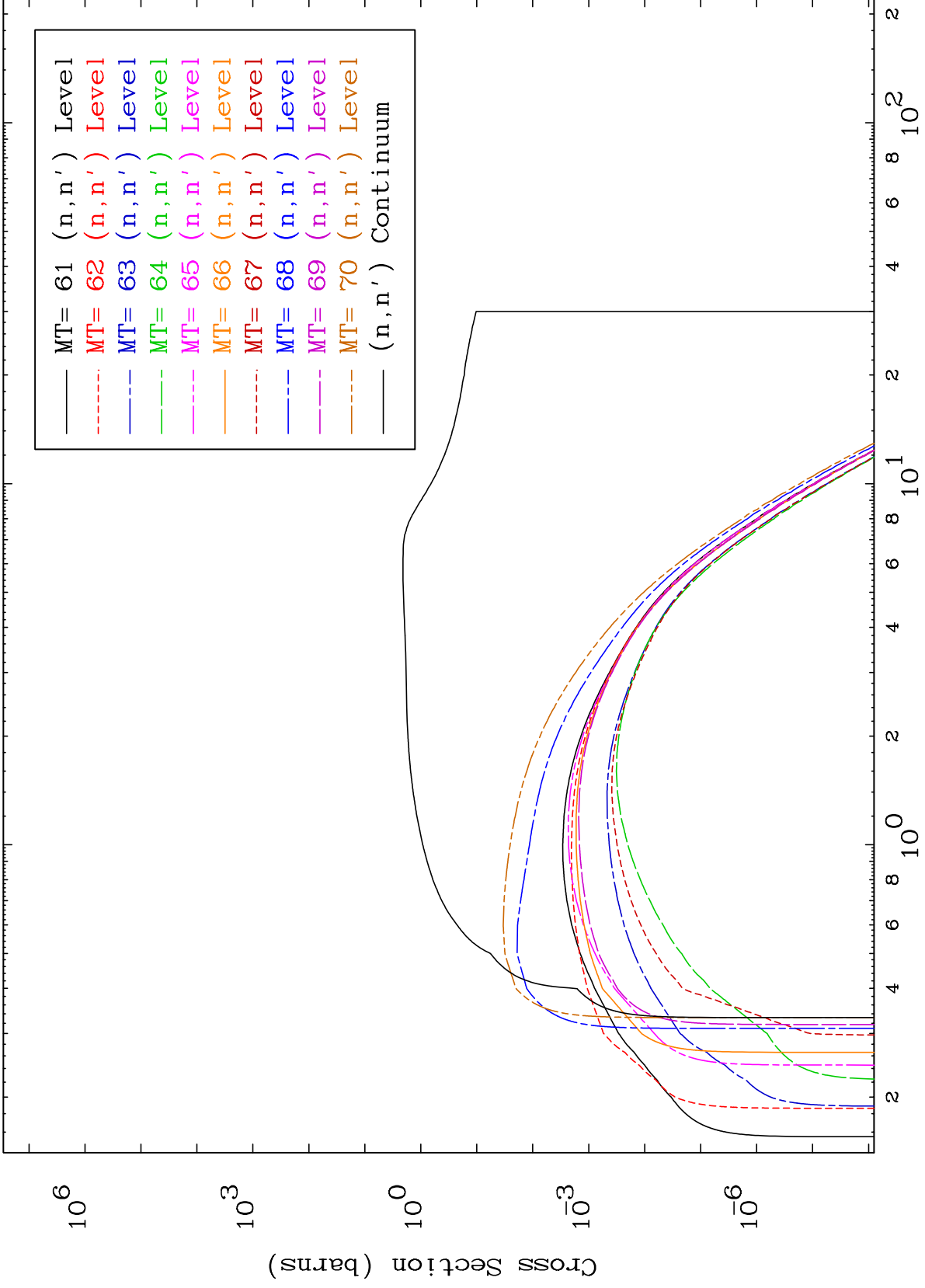
47-Ag-110

MAT 4735

(n,n') Level

47-Ag-110

293 Kelvin Cross Sections



8

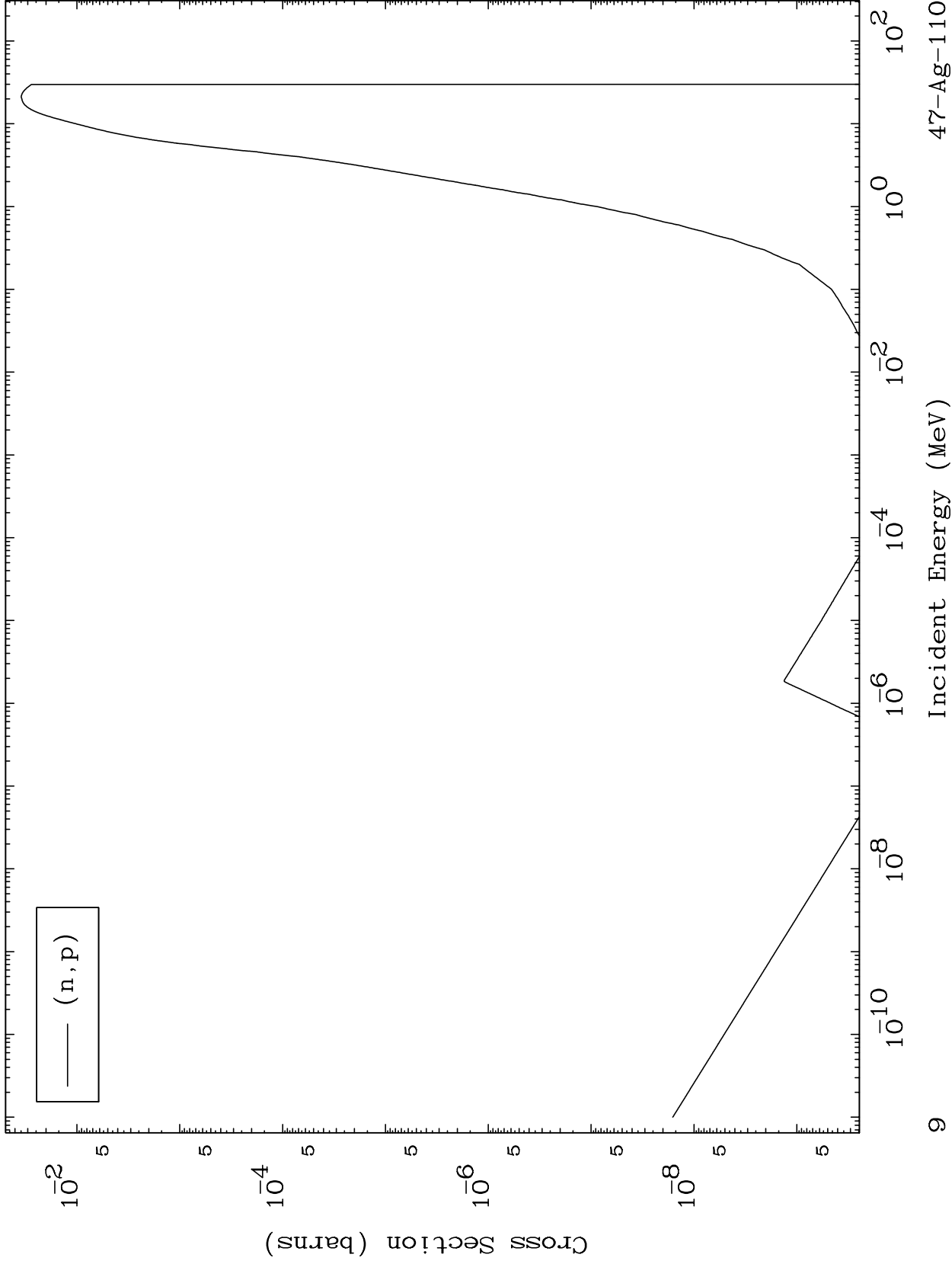
Incident Energy (MeV)

47-Ag-110

MAT 4735

(n,p) Levels
293 Kelvin Cross Sections

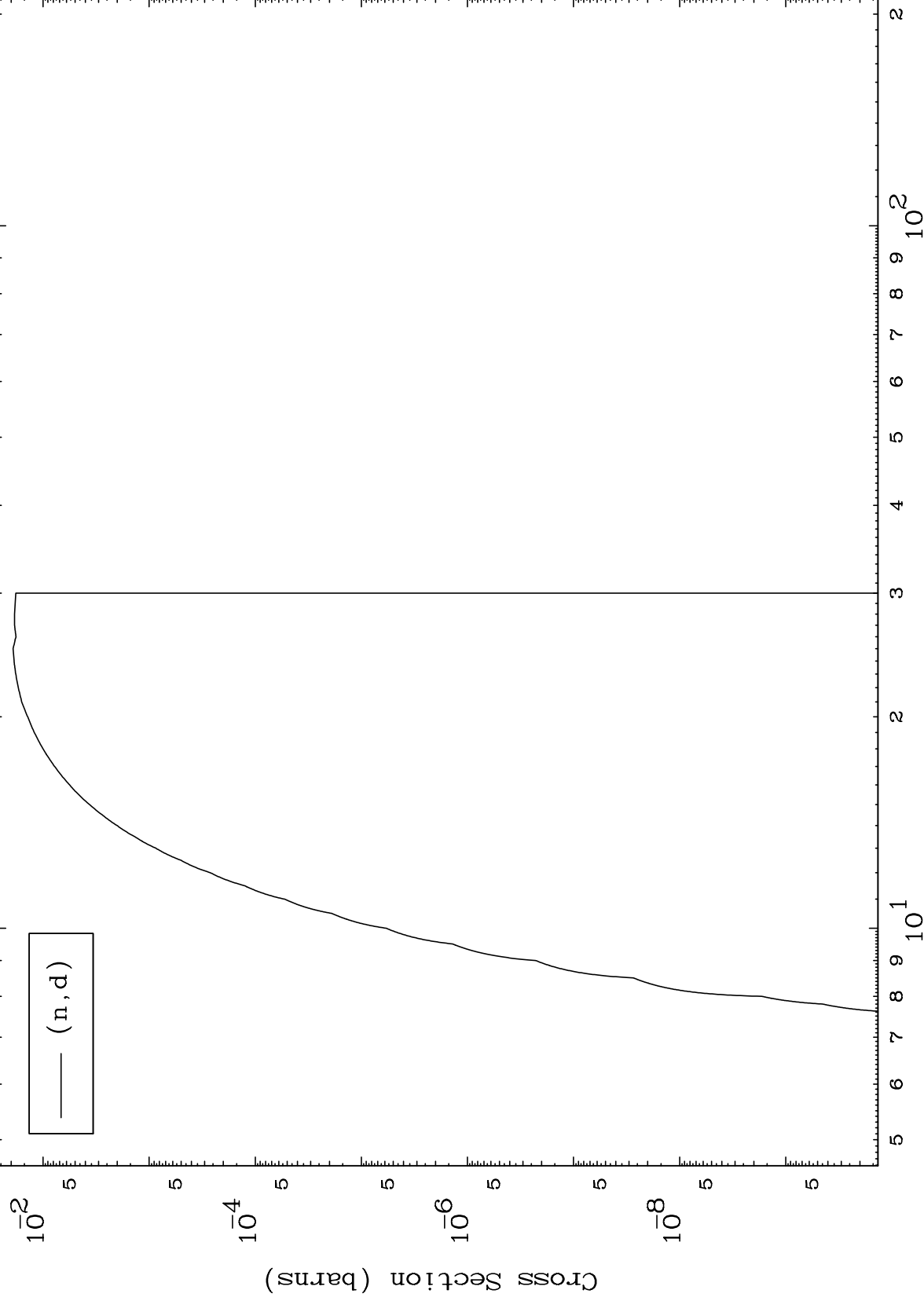
47-Ag-110



MAT 4735

(n,d) Levels
293 Kelvin Cross Sections

47-Ag-110



10

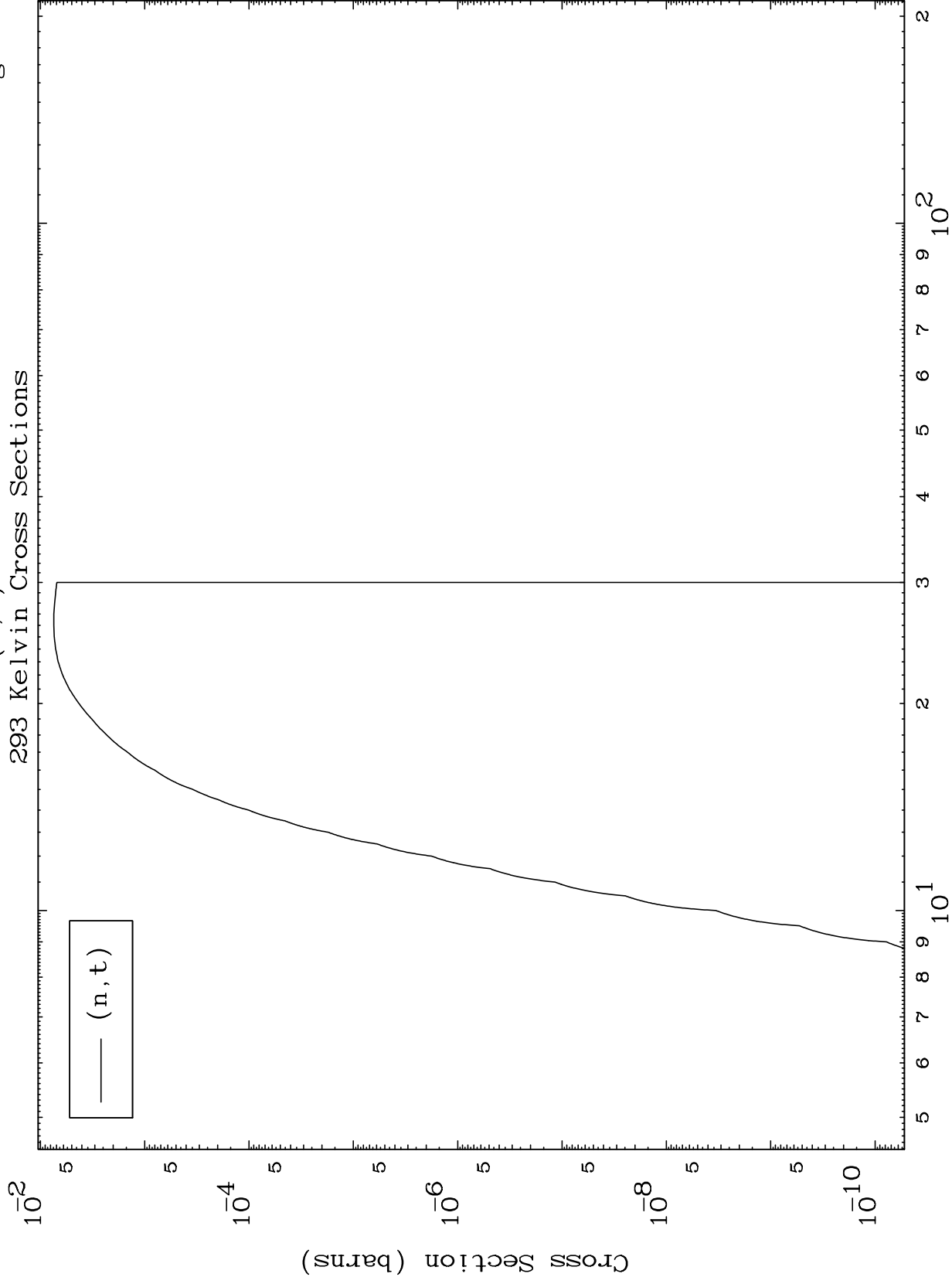
Incident Energy (MeV)

47-Ag-110

MAT 4735

(n,t) Levels
293 Kelvin Cross Sections

47-Ag-110



11

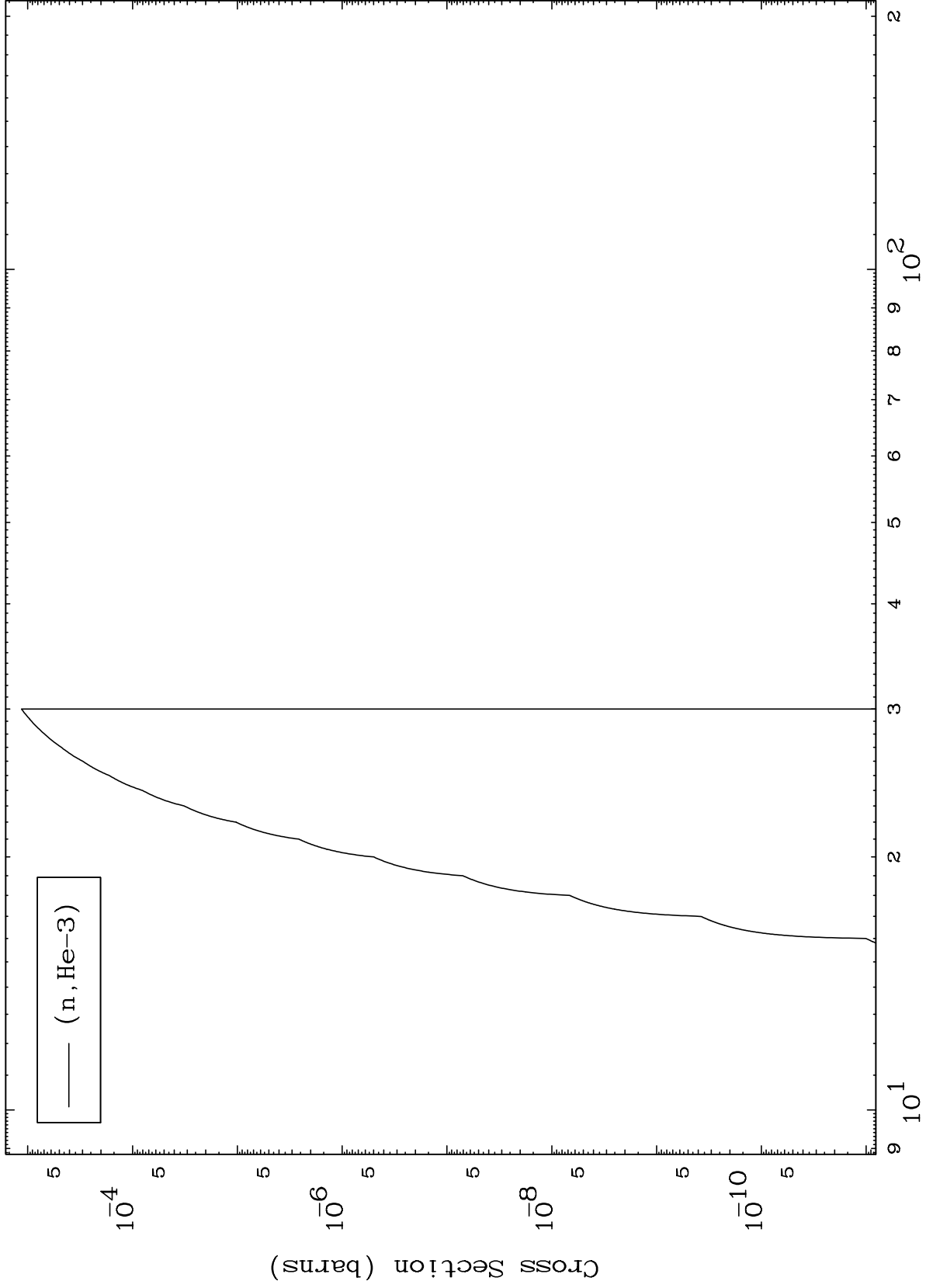
Incident Energy (MeV)

47-Ag-110

MAT 4735

(n,He3) Levels
293 Kelvin Cross Sections

47-Ag-110



12

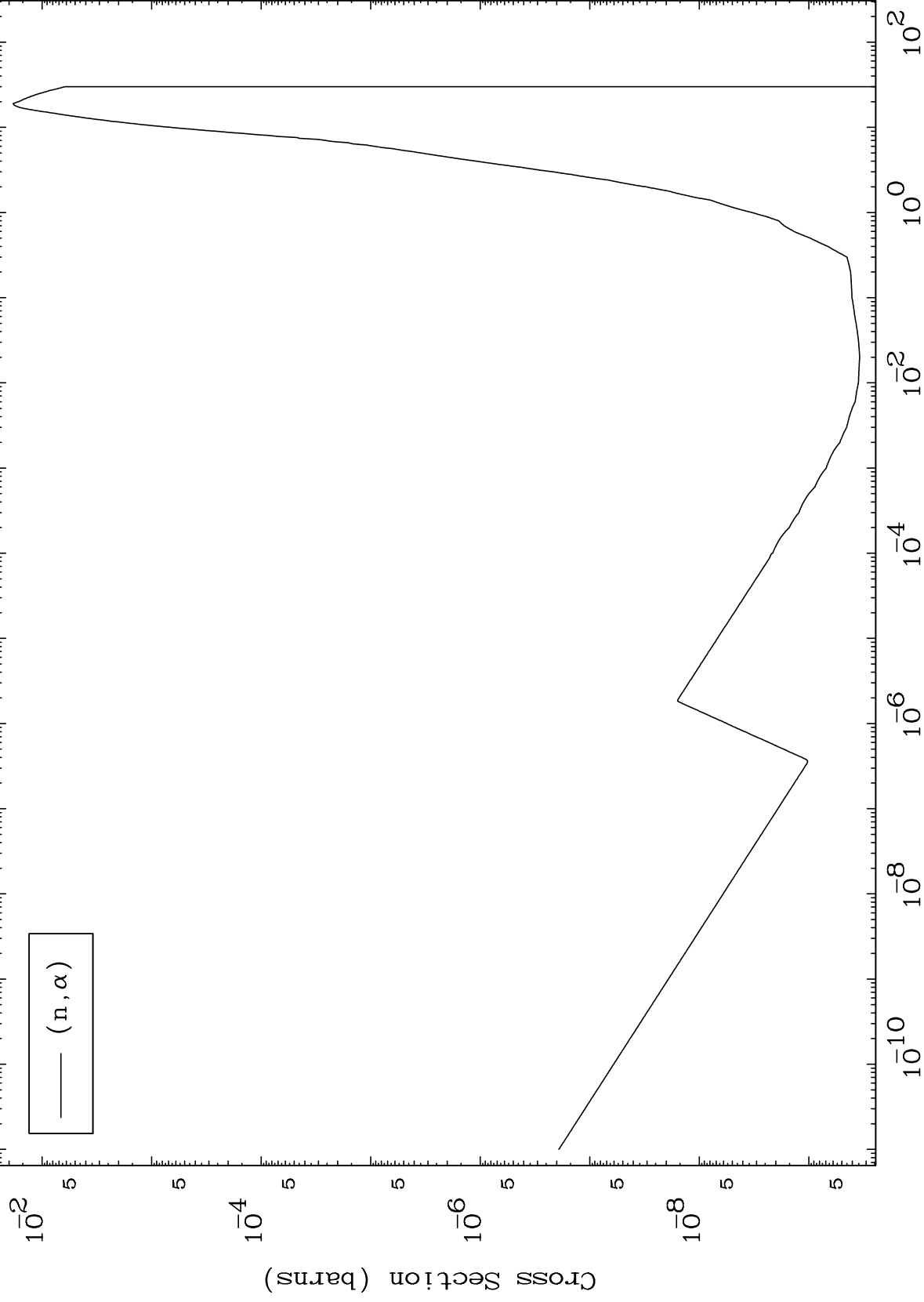
Incident Energy (MeV)

47-Ag-110

MAT 4735

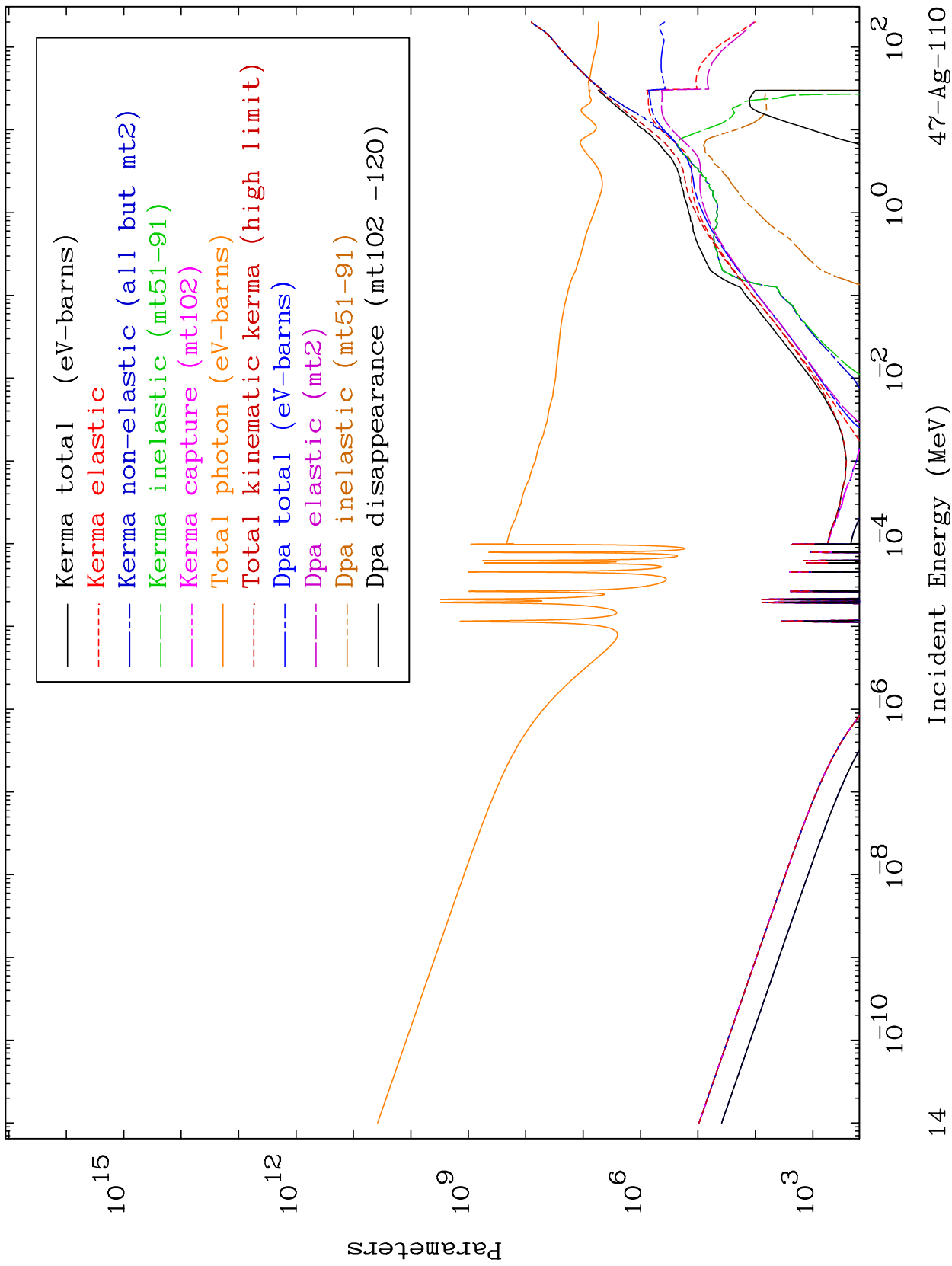
(n, α) Levels
293 Kelvin Cross Sections

47-Ag-110



13

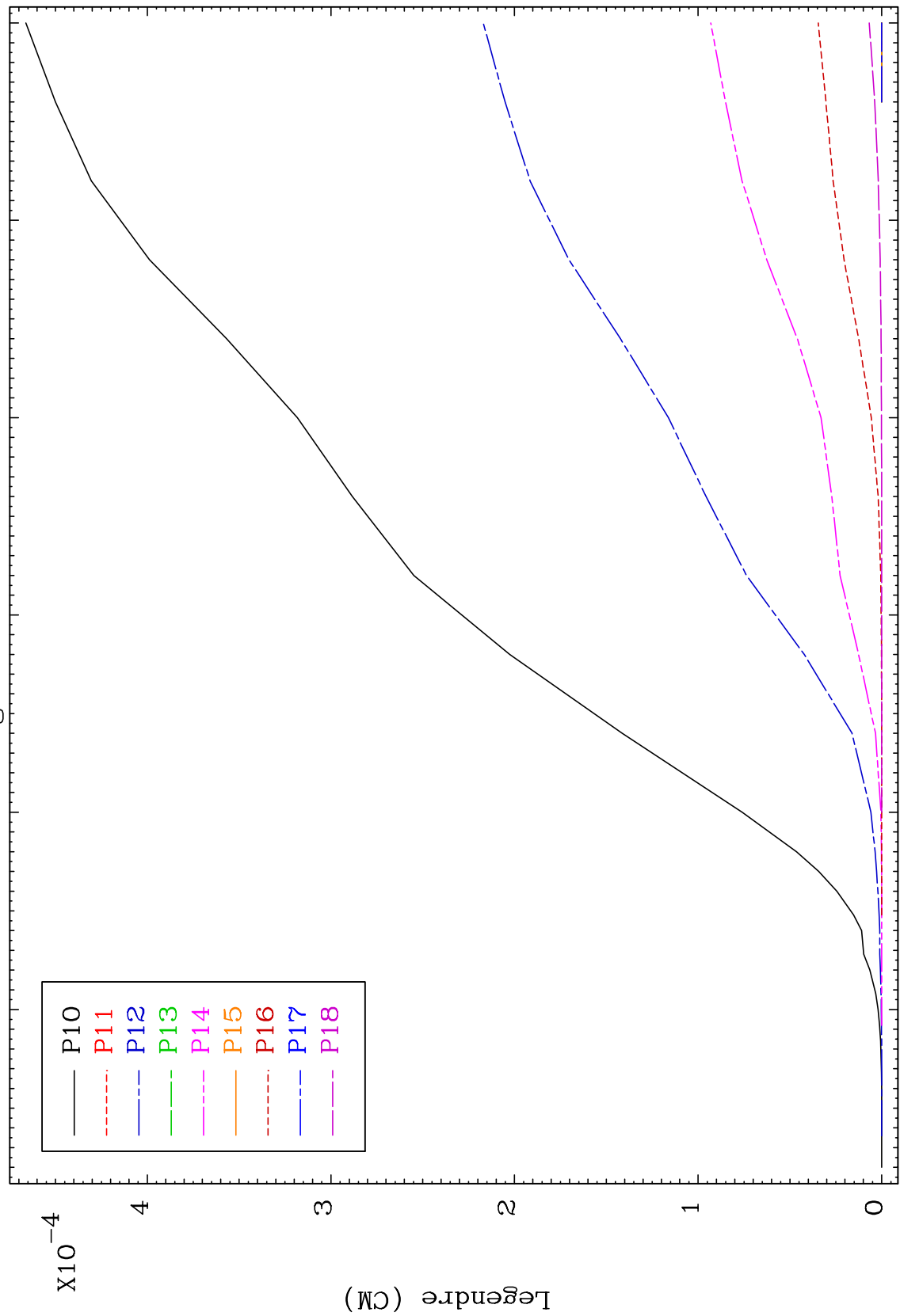
47-Ag-110



MAT 4735

Elastic Legendre Coefficients

47-Ag-110



16

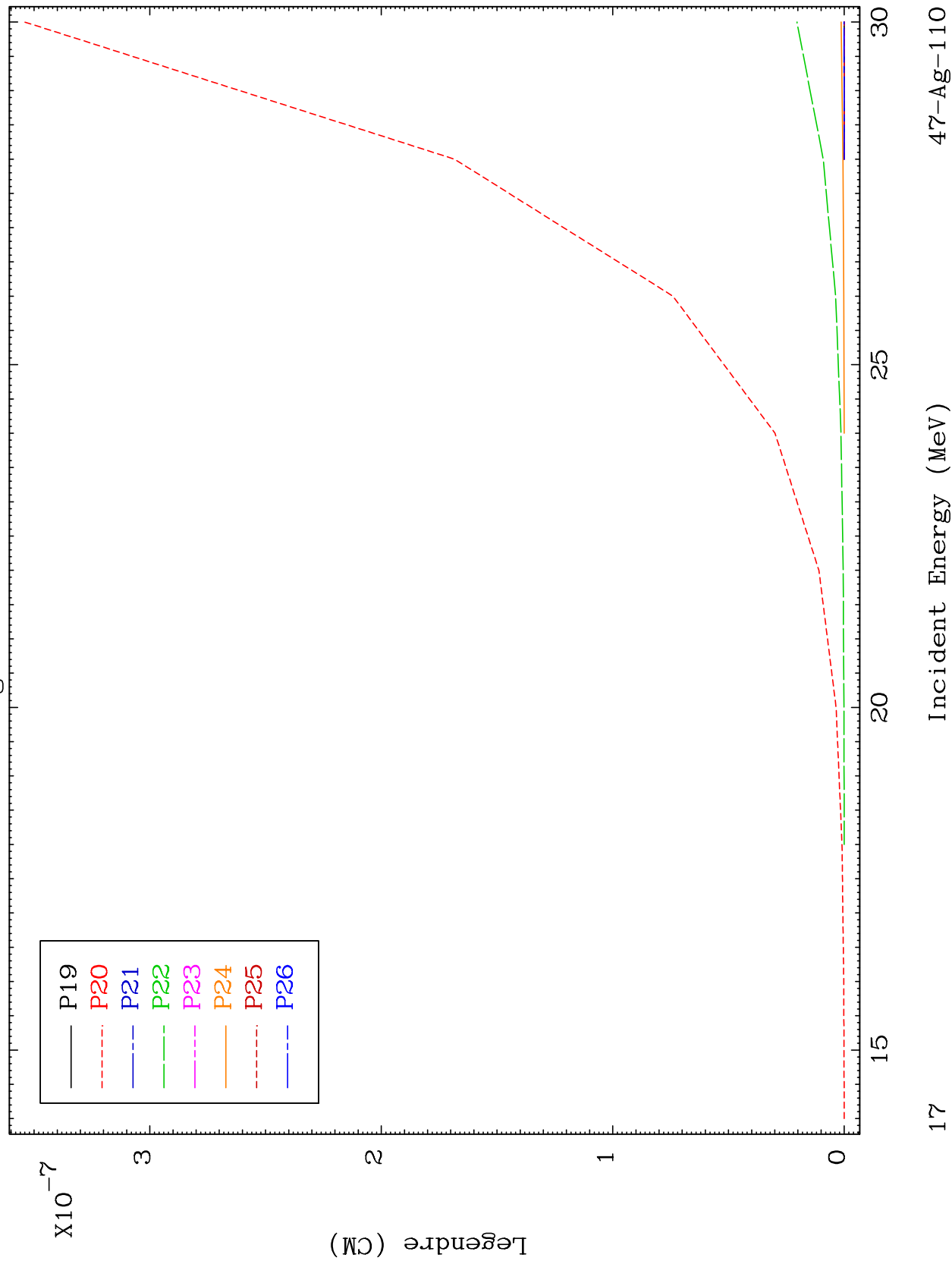
Incident Energy (MeV)

47-Ag-110

MAT 4735

Elastic
Legendre Coefficients

47-Ag-110



17

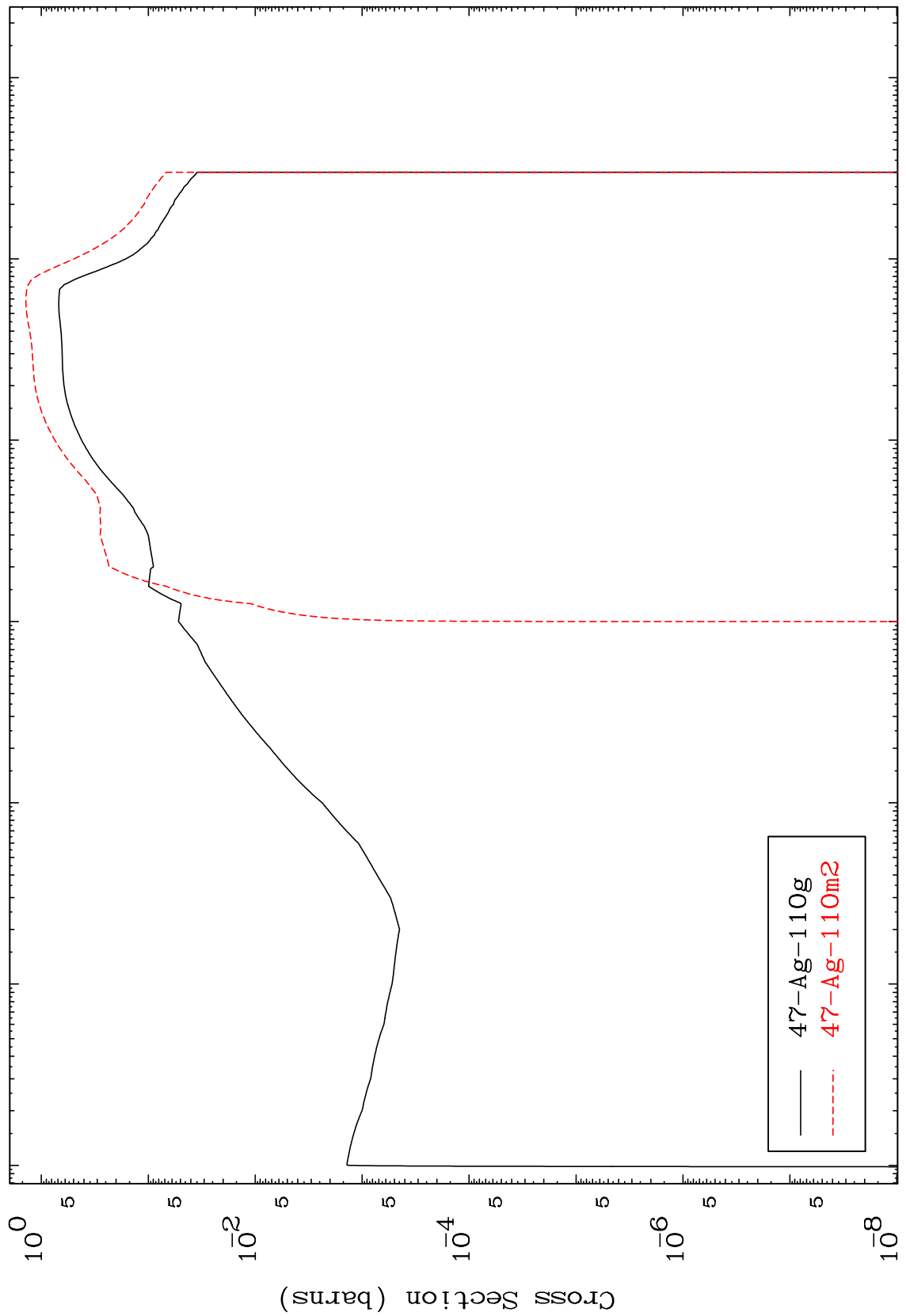
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

Inelastic
Radionuclide Production Cross Section



— 47-Ag-110g
- - - 47-Ag-110m2

18

Incident Energy (MeV)

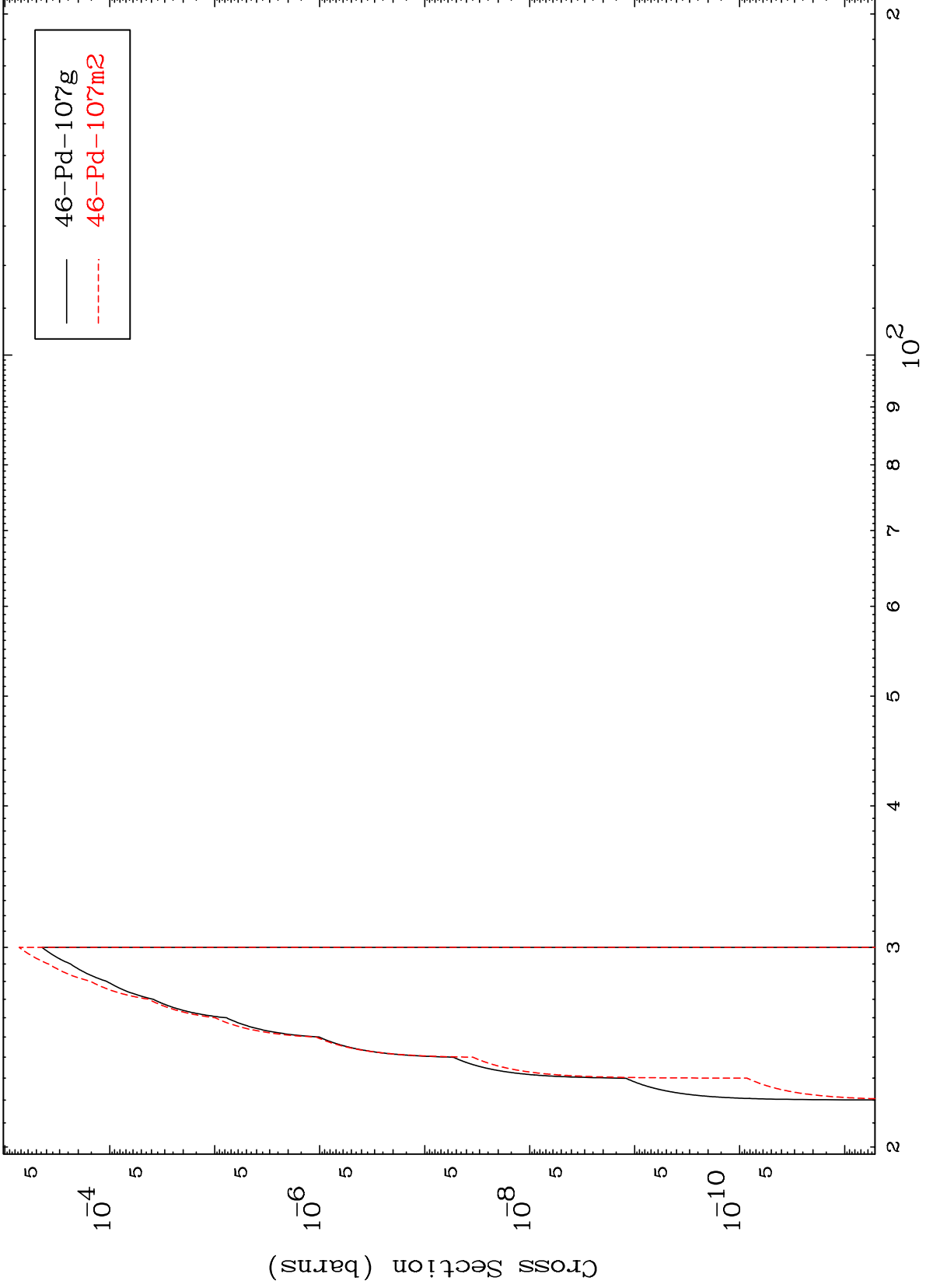
47-Ag-110

MAT 4735

(n,2n) d

47-Ag-110

Radionuclide Production Cross Section



19

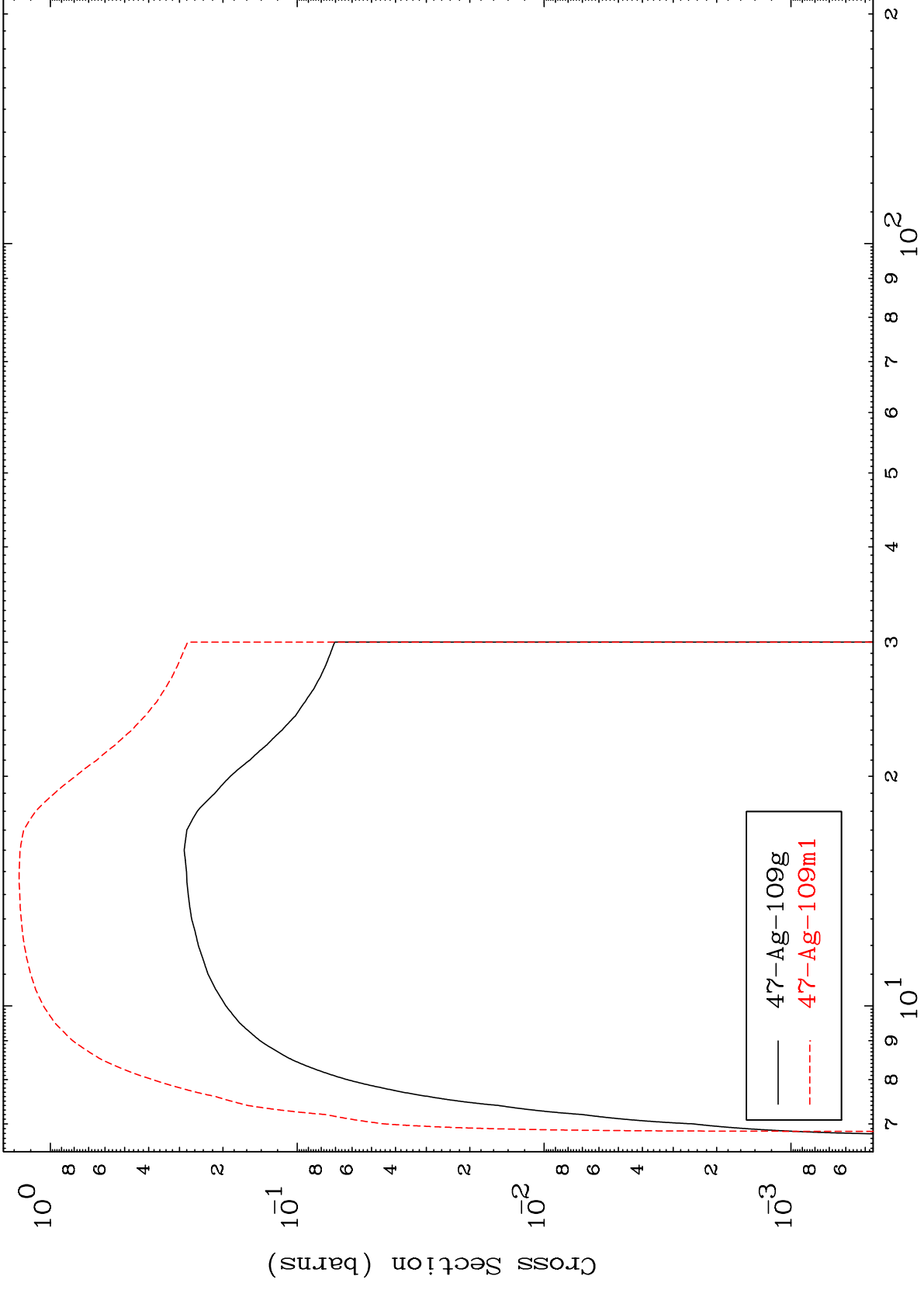
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

(n,2n)
Radionuclide Production Cross Section



20

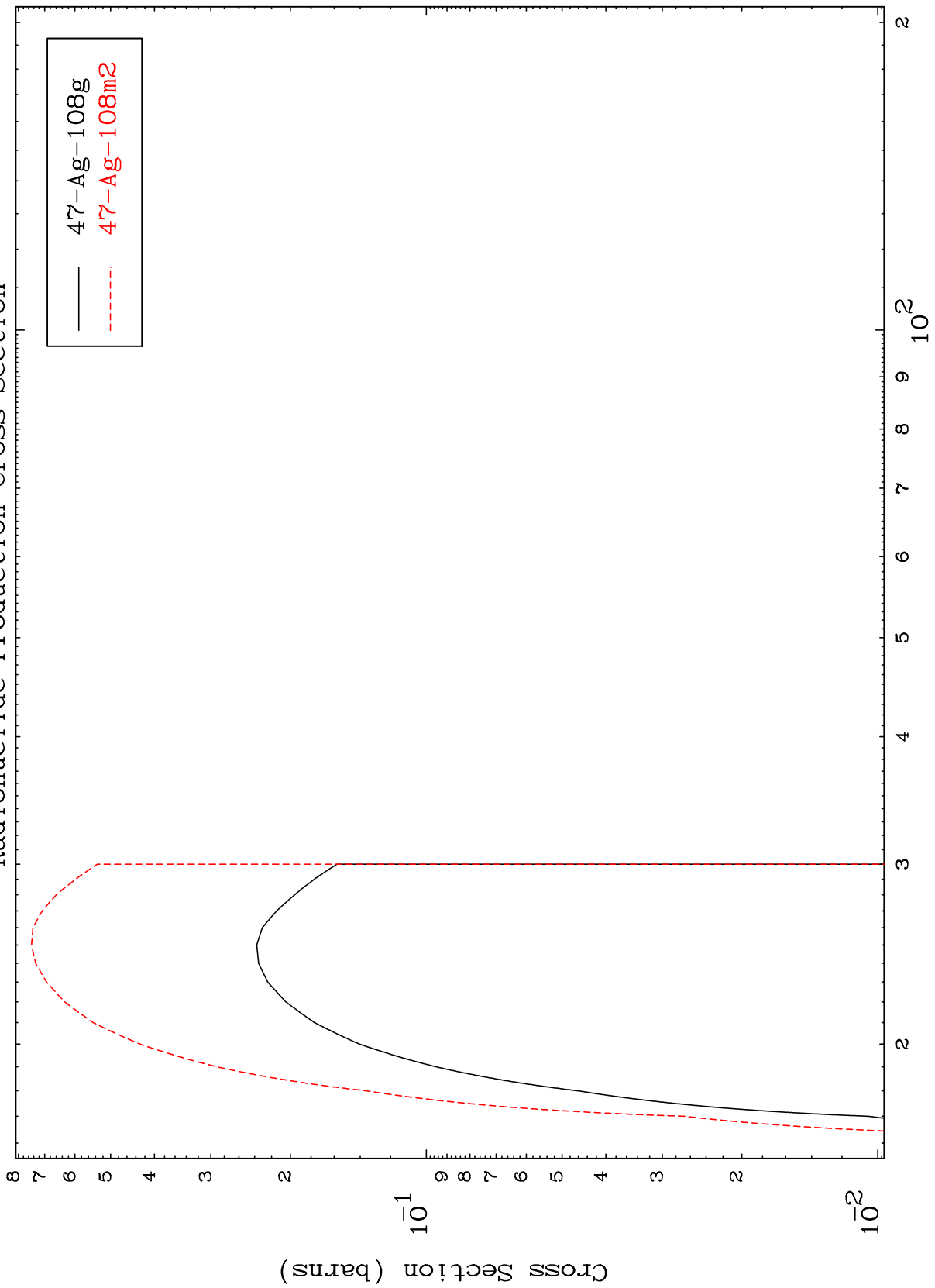
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

(n,3n)
Radionuclide Production Cross Section



— 47-Ag-108g
- - - 47-Ag-108m2

21

Incident Energy (MeV)

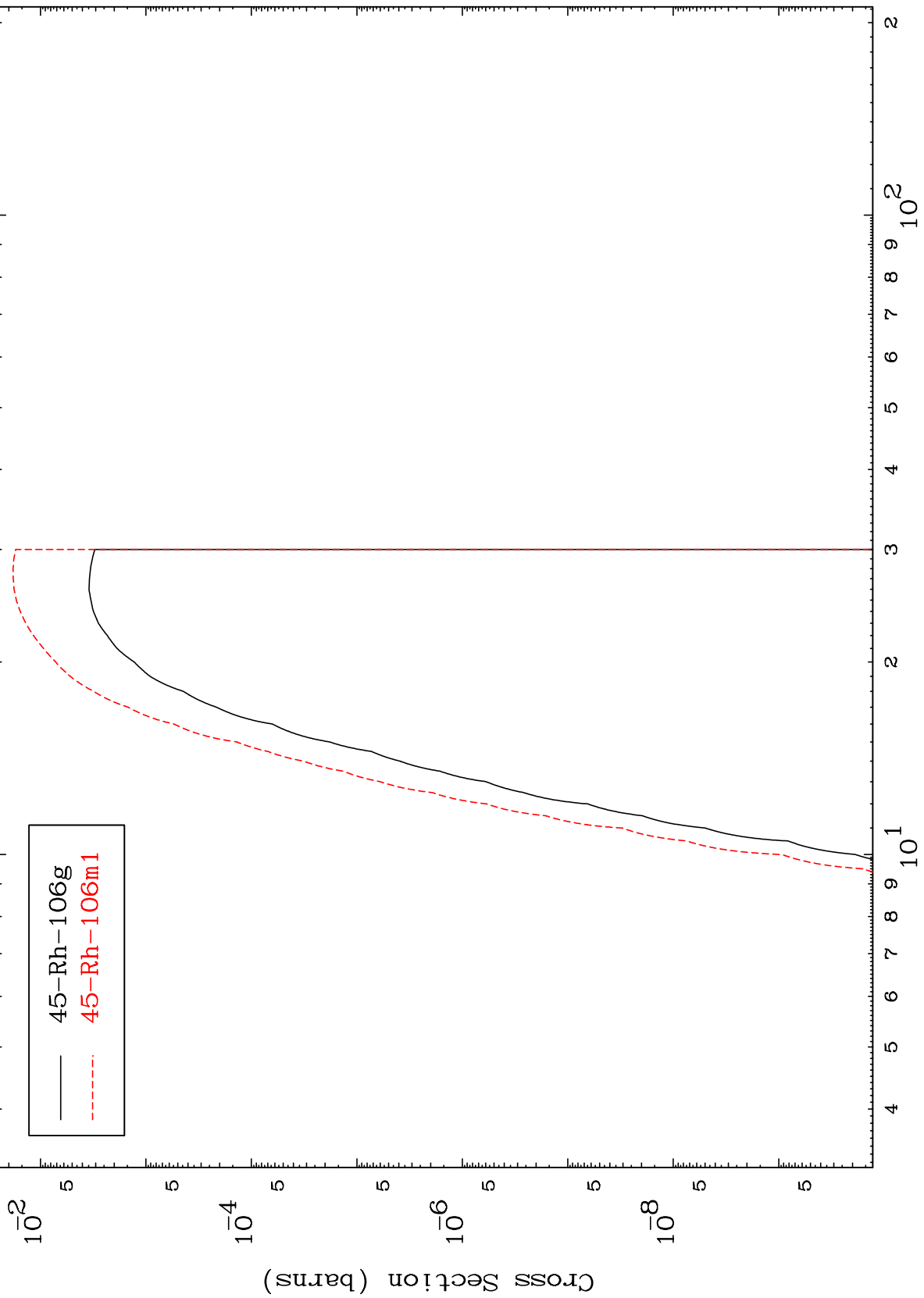
47-Ag-110

MAT 4735

47-Ag-110

(n,n') α

Radionuclide Production Cross Section



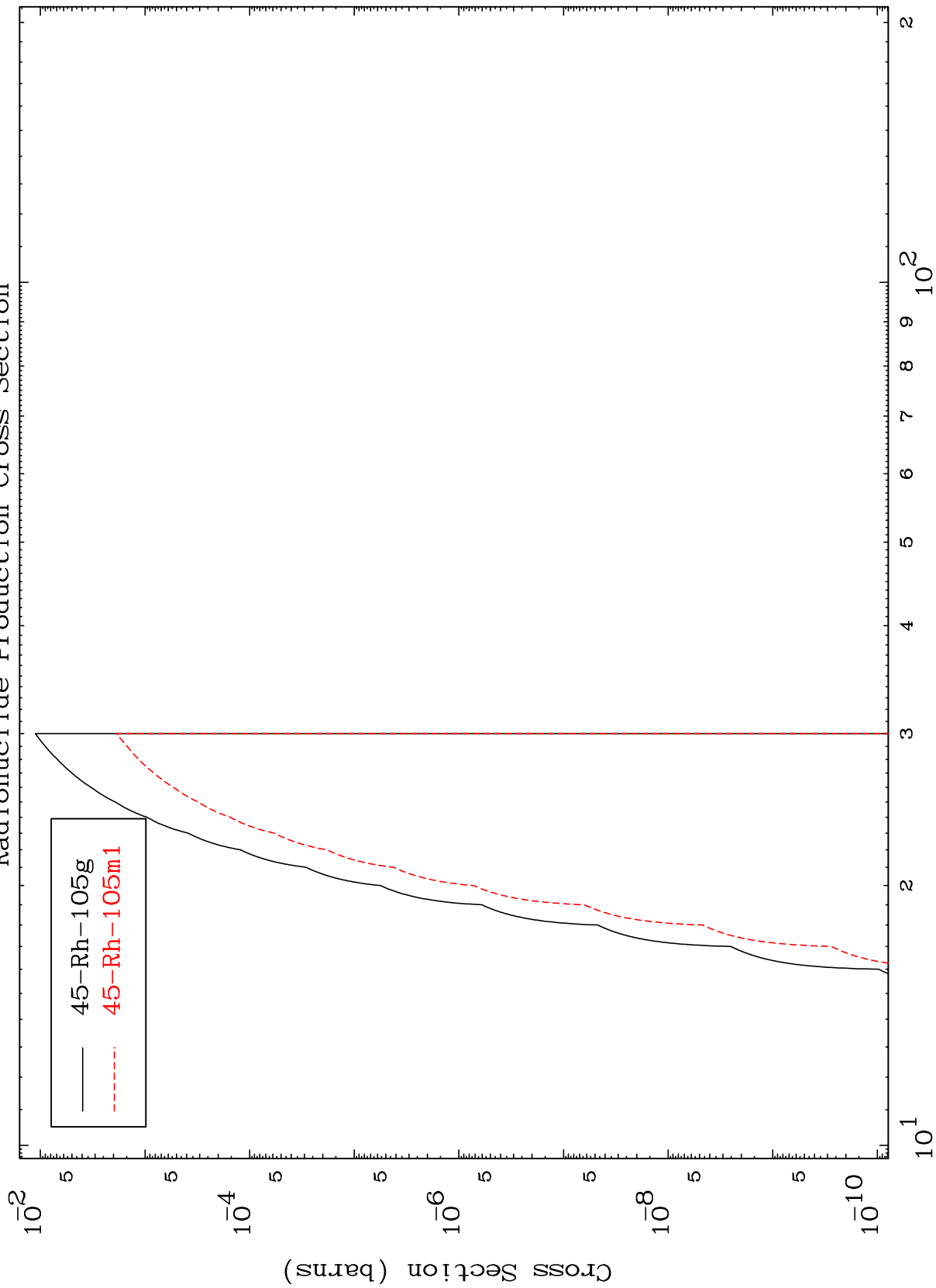
— 45-Rh-106g
- - - 45-Rh-106m1

MAT 4735

(n,2n) α

47-Ag-110

Radionuclide Production Cross Section



45-Rh-105g
45-Rh-105m1

Incident Energy (MeV)

47-Ag-110

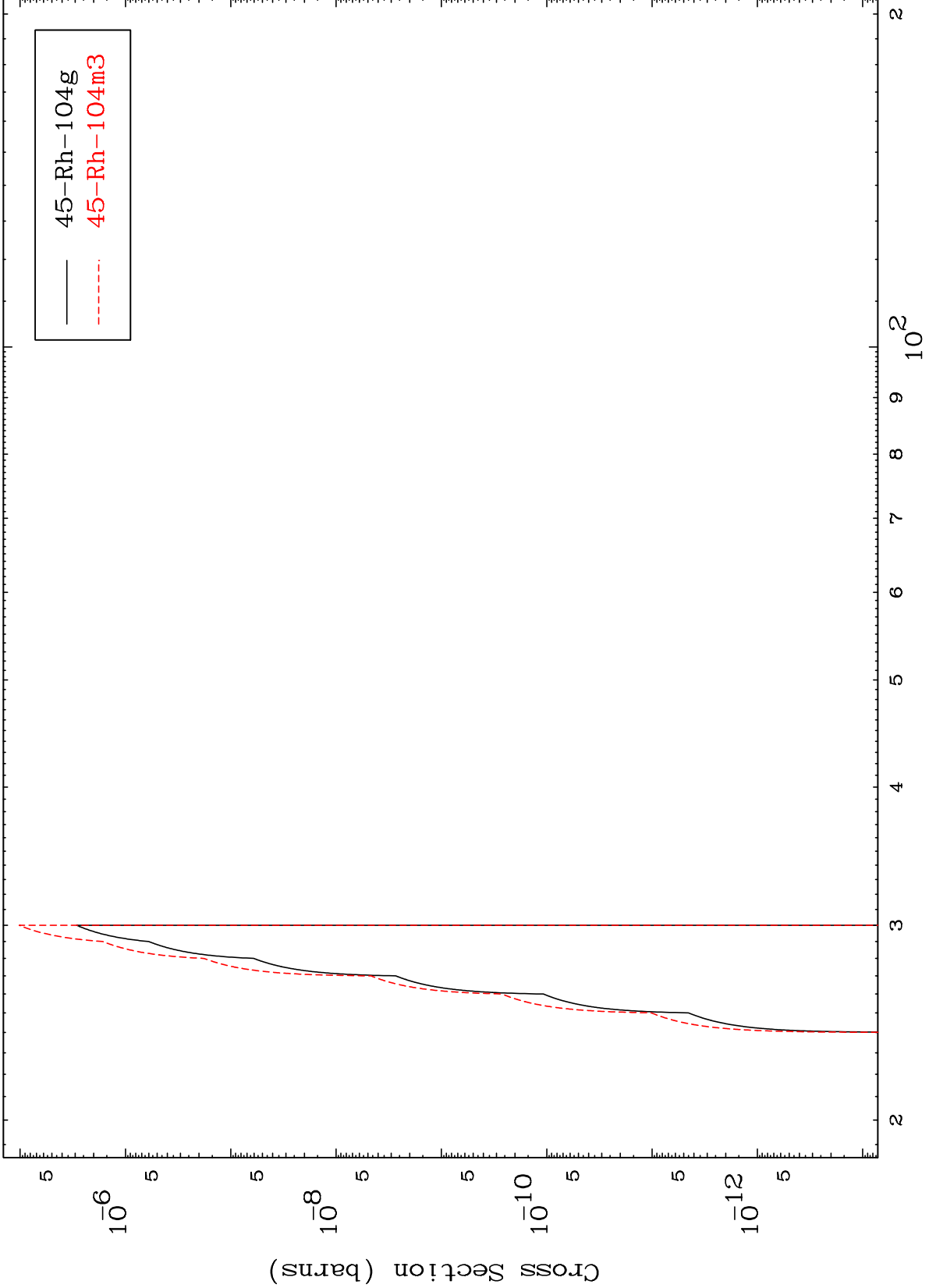
23

MAT 4735

(n,3n) α

47-Ag-110

Radionuclide Production Cross Section



24

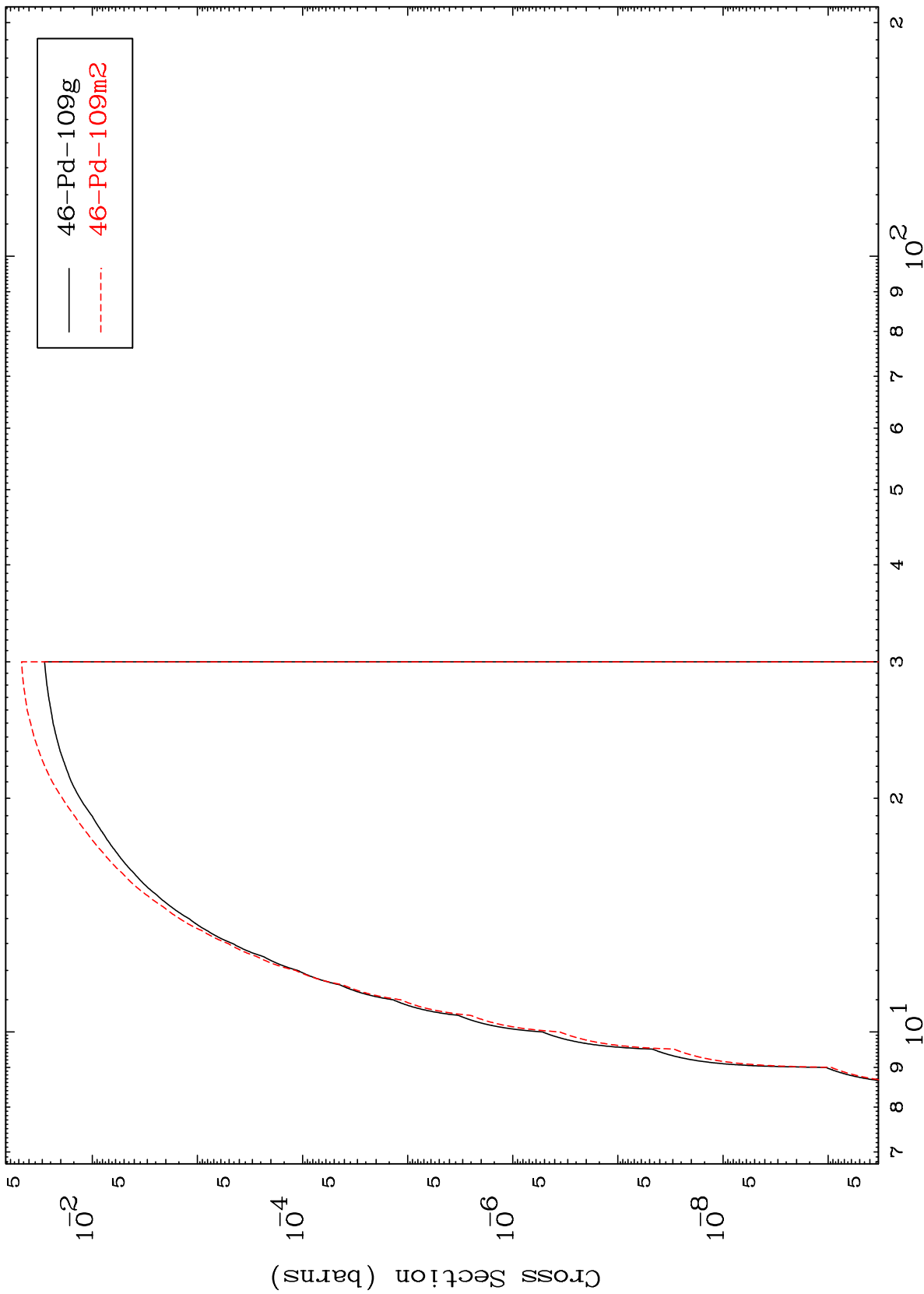
Incident Energy (MeV)

47-Ag-110

MAT 4735

47-Ag-110

(n,n') p
Radionuclide Production Cross Section



47-Ag-110

Incident Energy (MeV)

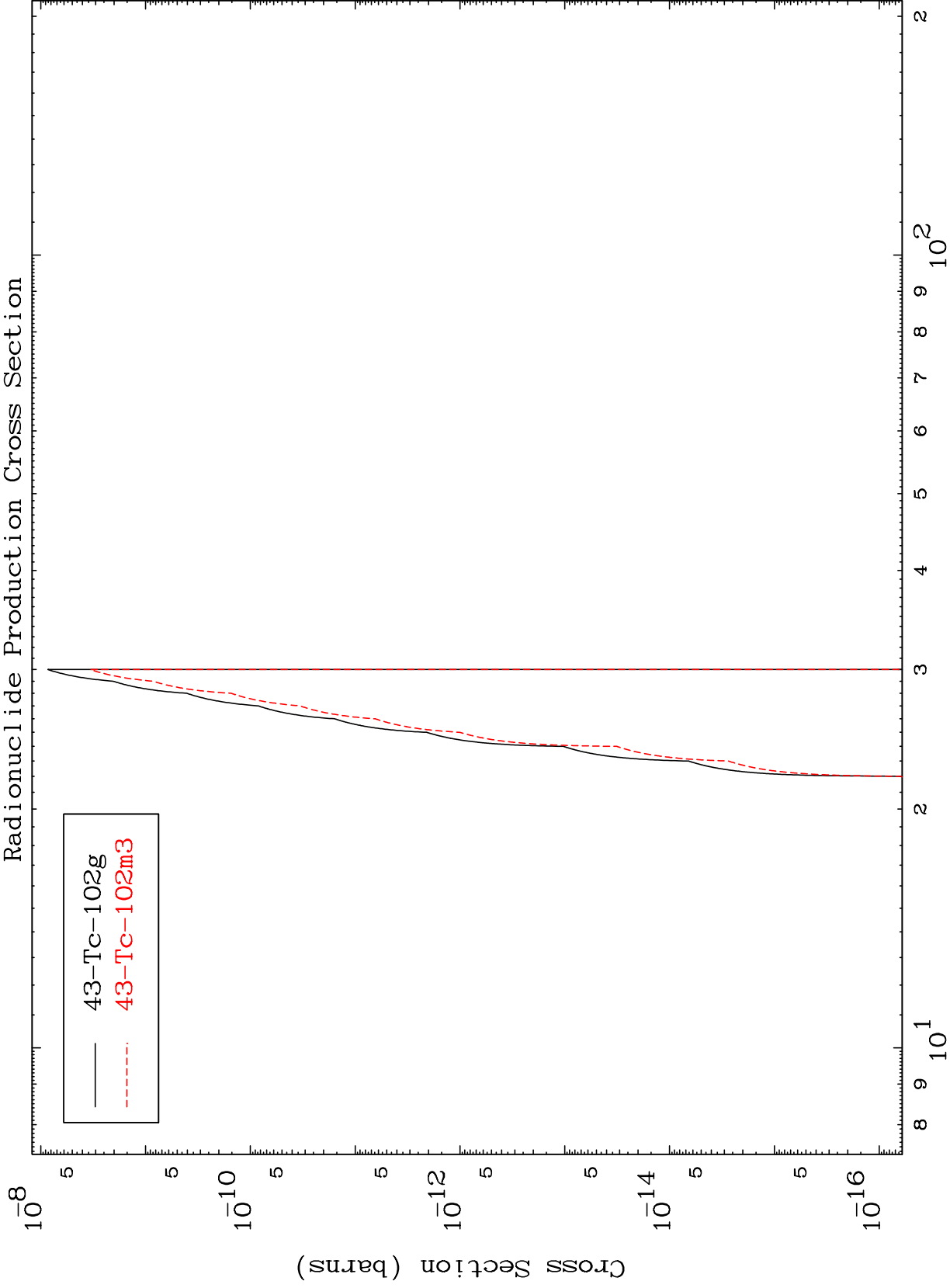
25

MAT 4735

(n,n') 2α

47-Ag-110

Radionuclide Production Cross Section



26

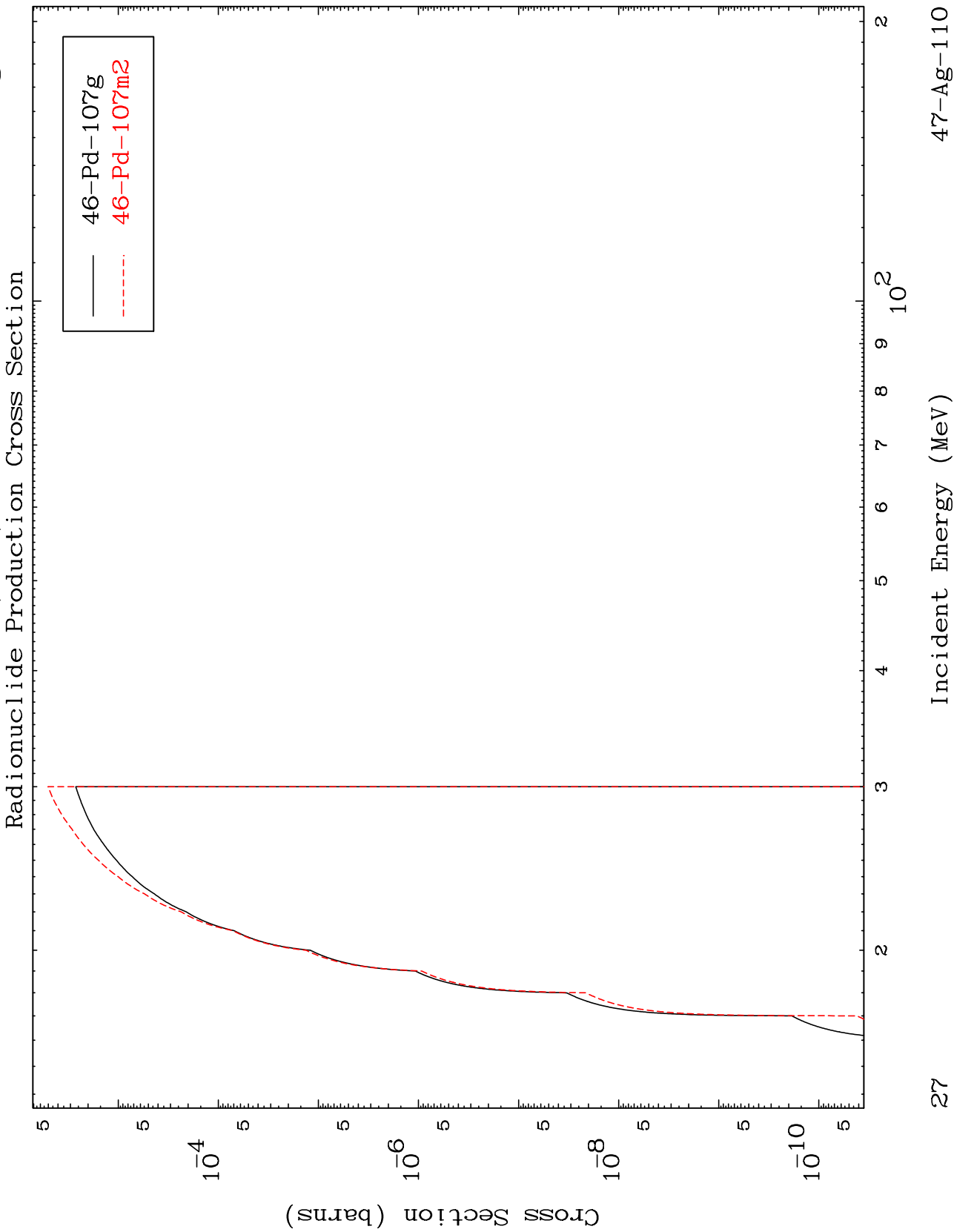
Incident Energy (MeV)

47-Ag-110

MAT 4735

(n,n') t

47-Ag-110



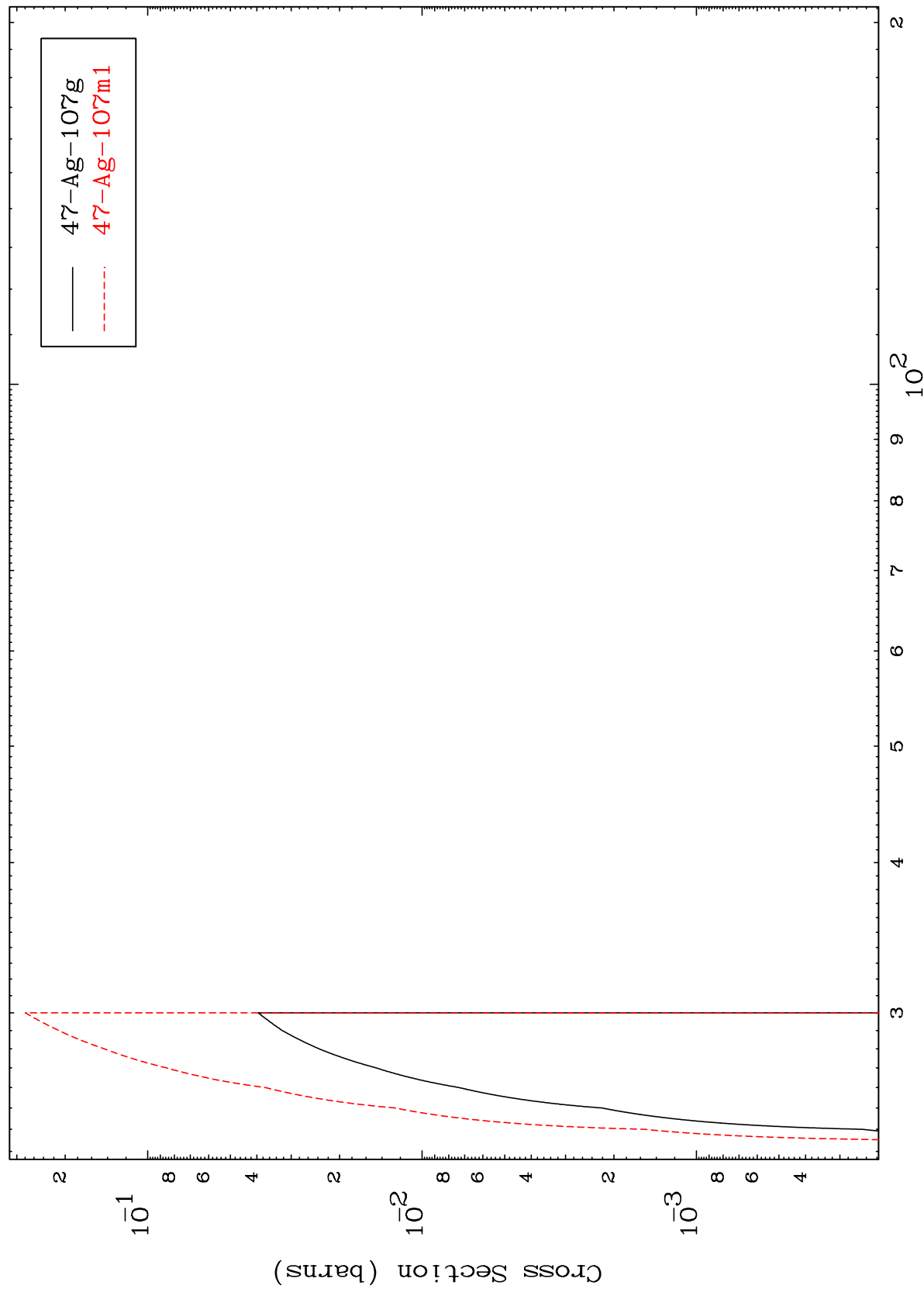
27

47-Ag-110

MAT 4735

47-Ag-110

(n,4n)
Radionuclide Production Cross Section



28

47-Ag-110

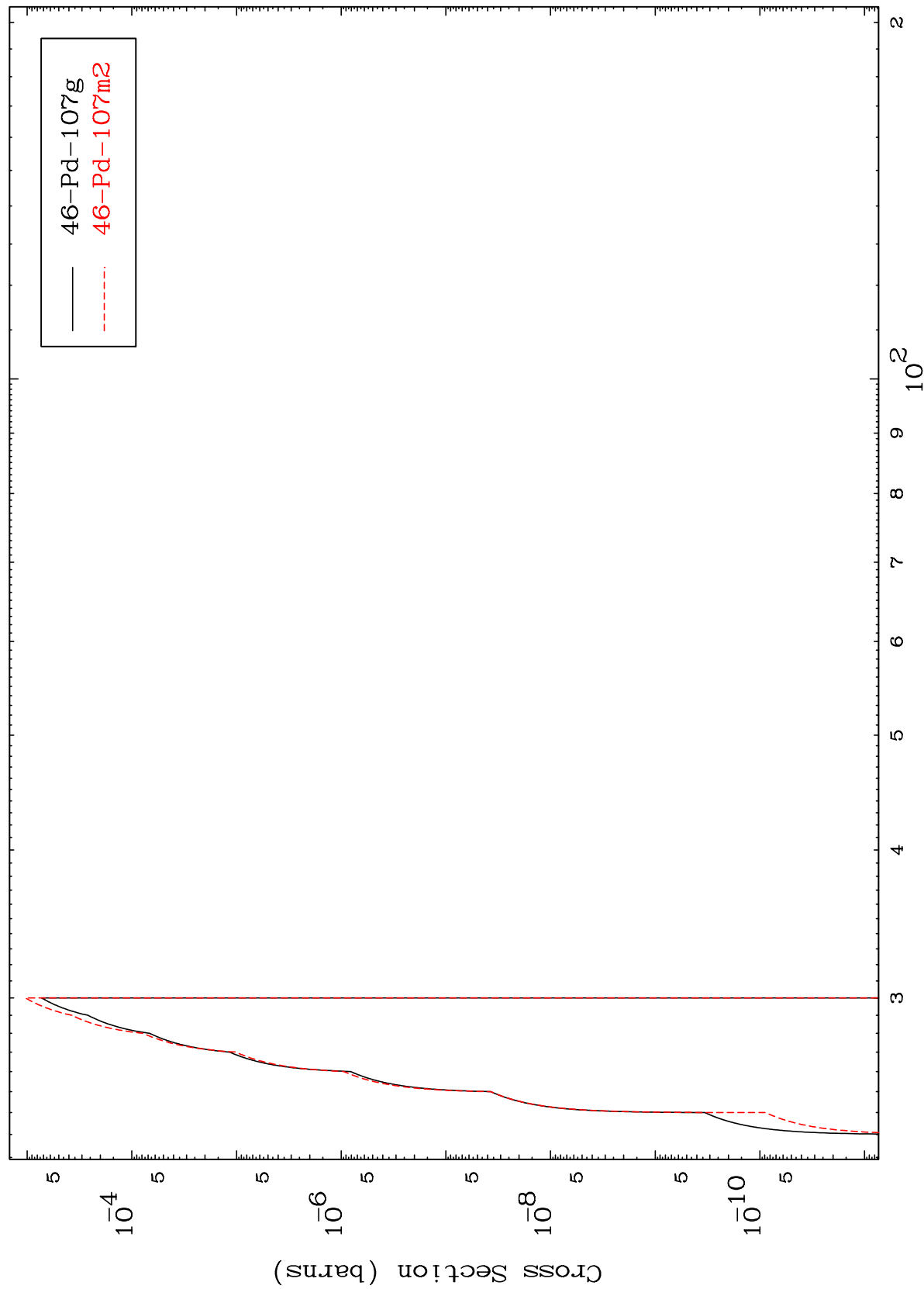
Incident Energy (MeV)

MAT 4735

(n,3n) p

47-Ag-110

Radionuclide Production Cross Section



29

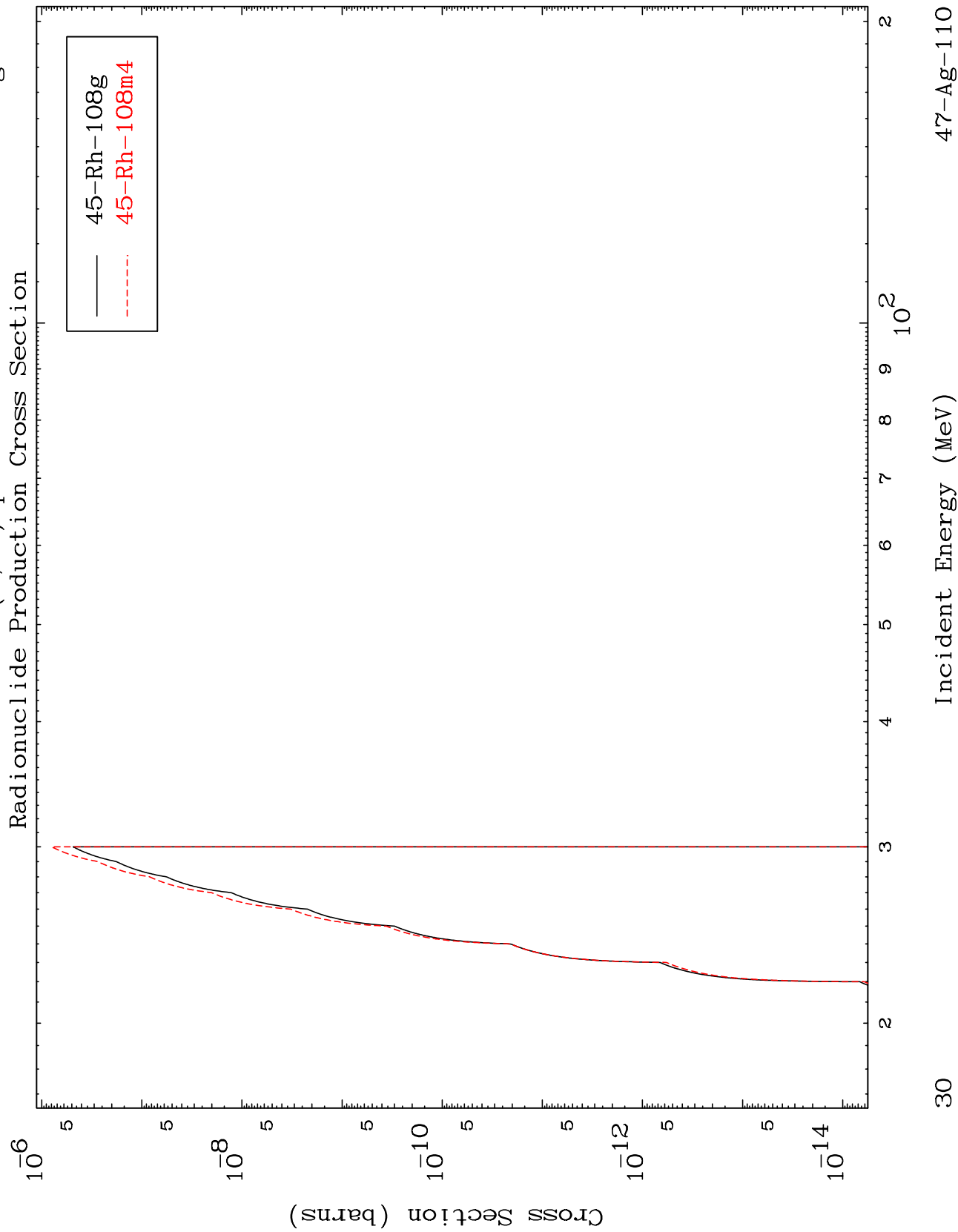
Incident Energy (MeV)

47-Ag-110

MAT 4735

(n,2n) p

47-Ag-110



30

Incident Energy (MeV)

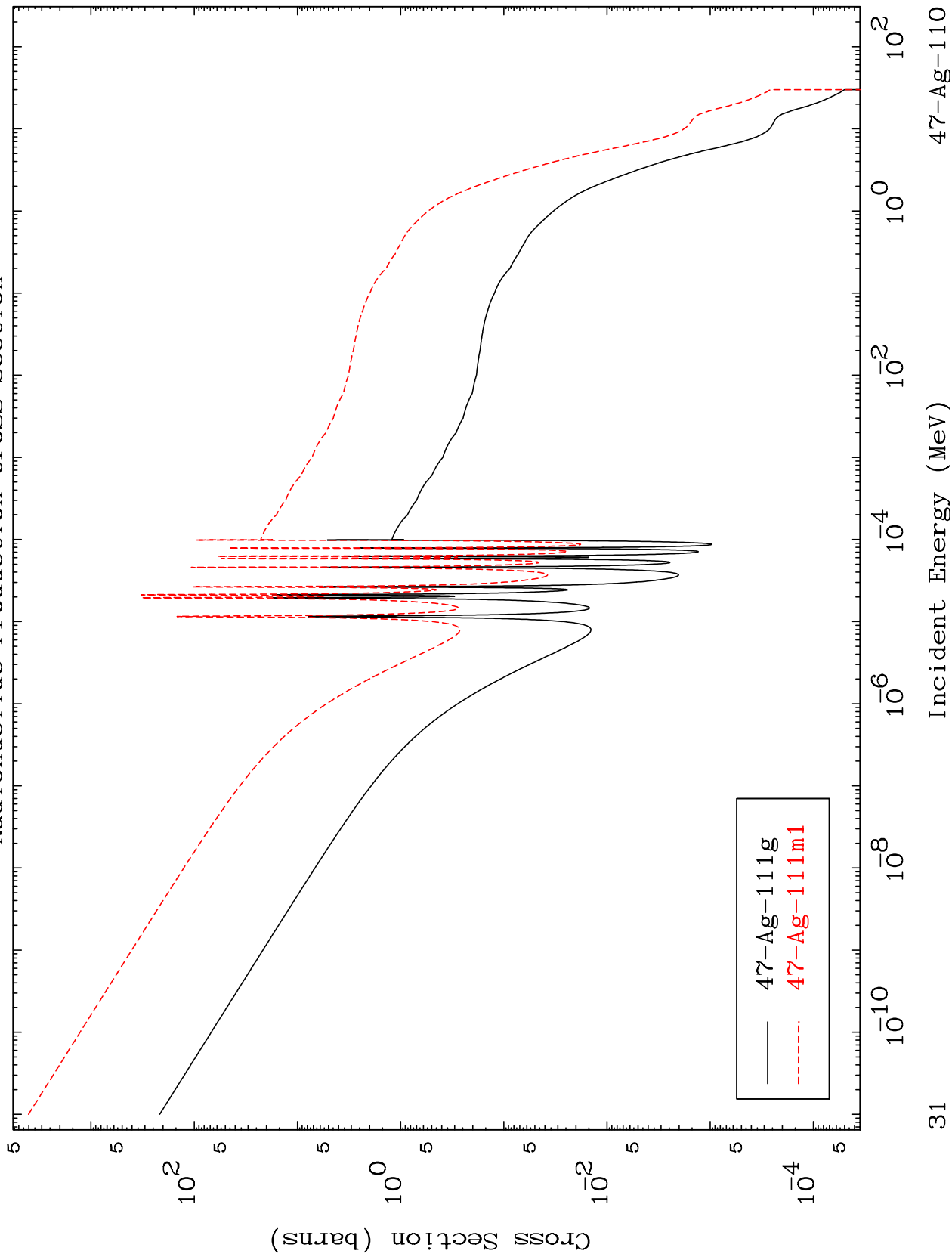
47-Ag-110

MAT 4735

47-Ag-110

Radionuclide Production Cross Section

(n, γ)



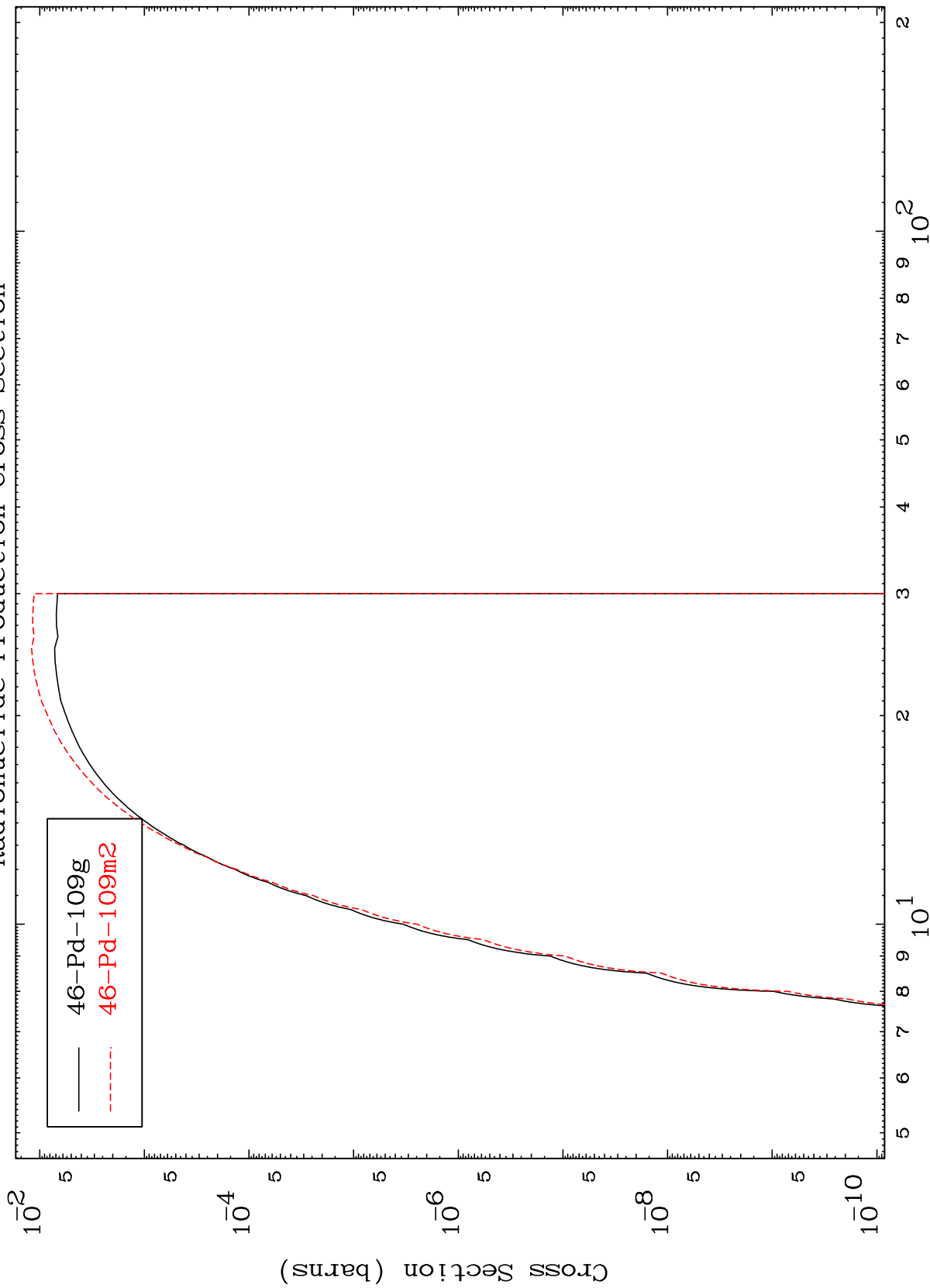
31

47-Ag-110

MAT 4735

47-Ag-110

Radionuclide Production Cross Section (n,d)



32

Incident Energy (MeV)

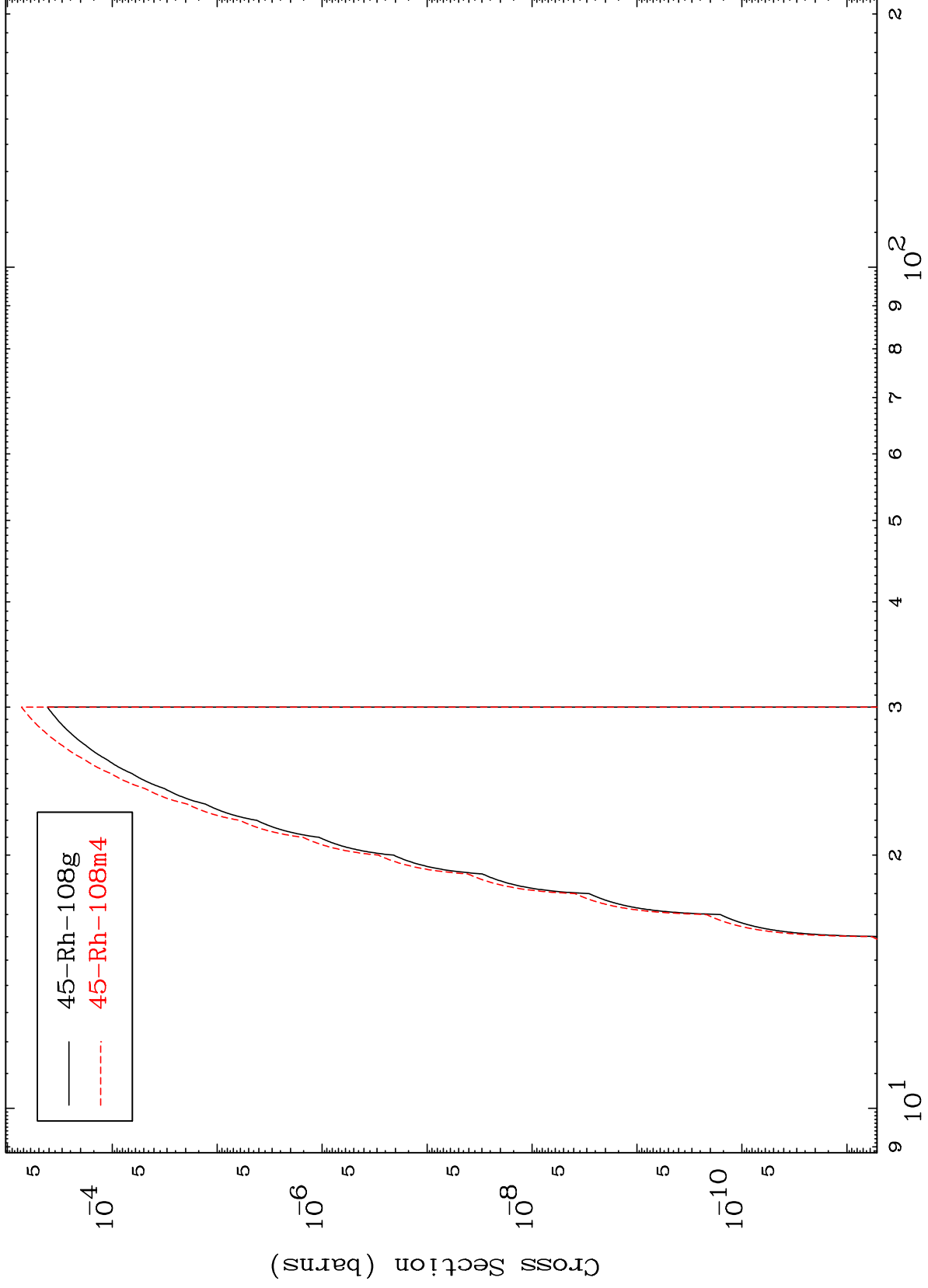
47-Ag-110

MAT 4735

(n,He-3)

47-Ag-110

Radionuclide Production Cross Section



33

Incident Energy (MeV)

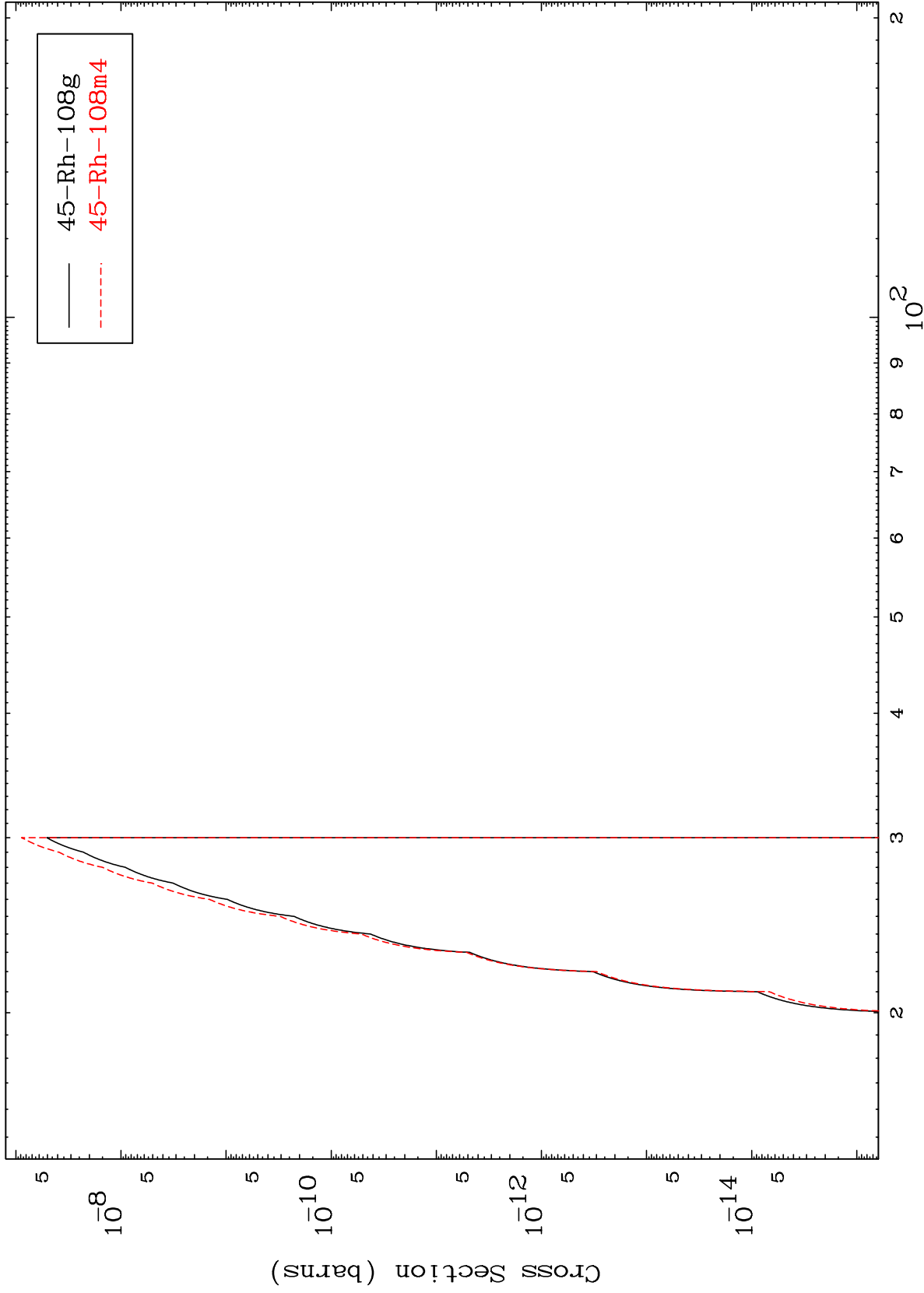
47-Ag-110

MAT 4735

(n,p) d

47-Ag-110

Radionuclide Production Cross Section



34

Incident Energy (MeV)

47-Ag-110