

Program EVALPLOT  
(Version 2017-1)

by

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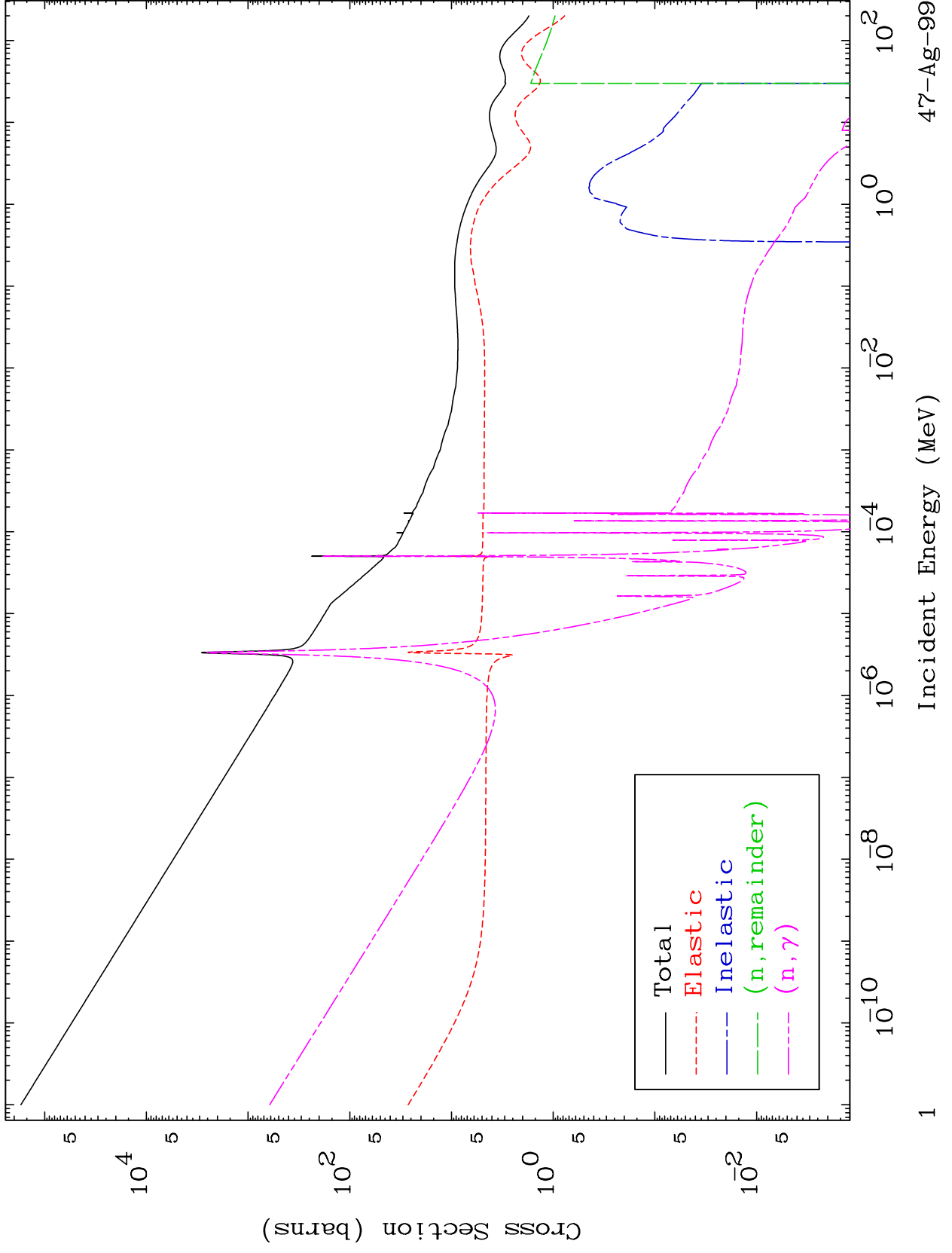
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4701

Major  
293 Kelvin Cross Sections

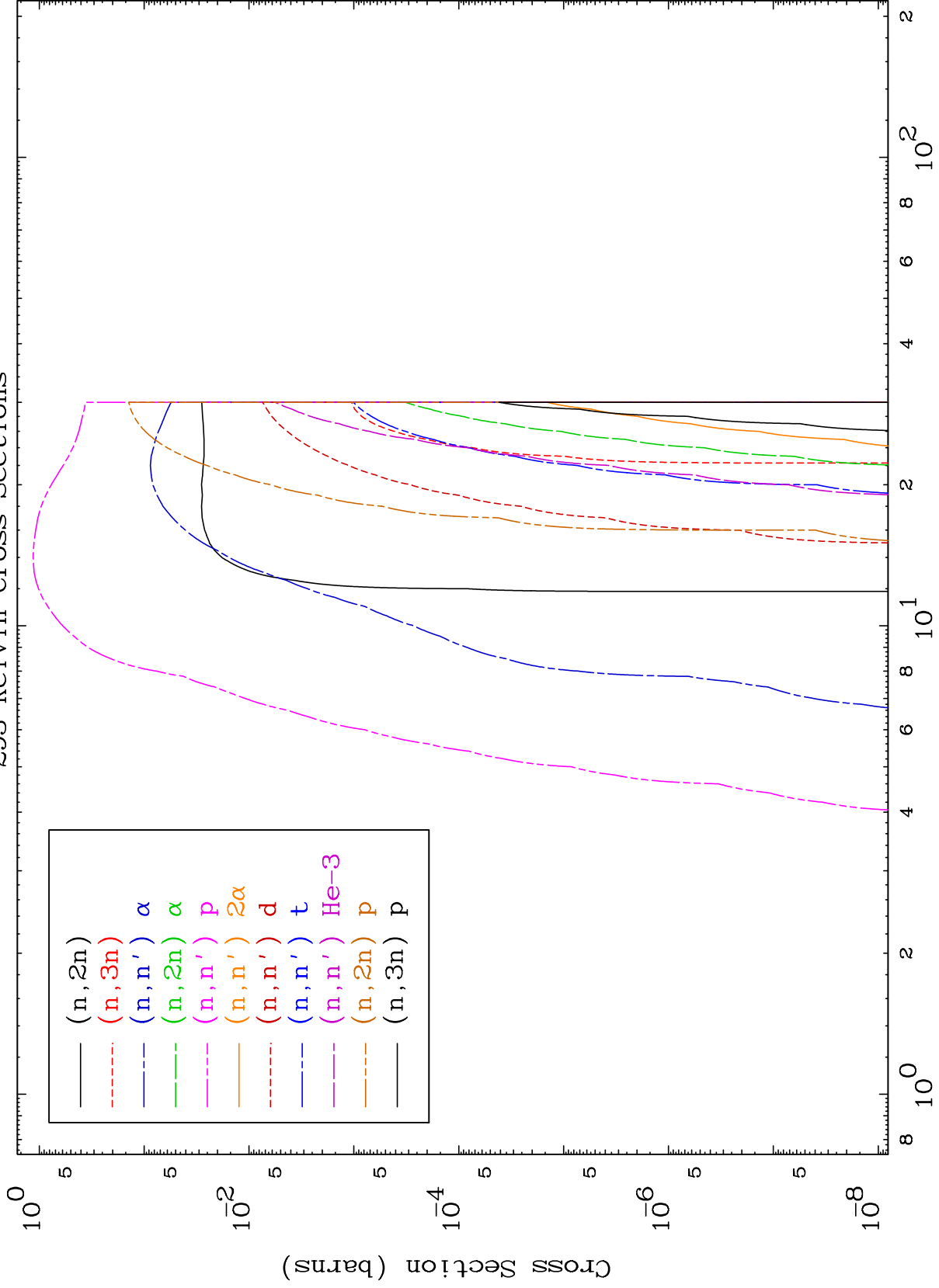
47-Ag-99



MAT 4701

Neutron Production  
293 Kelvin Cross Sections

47-Ag-99



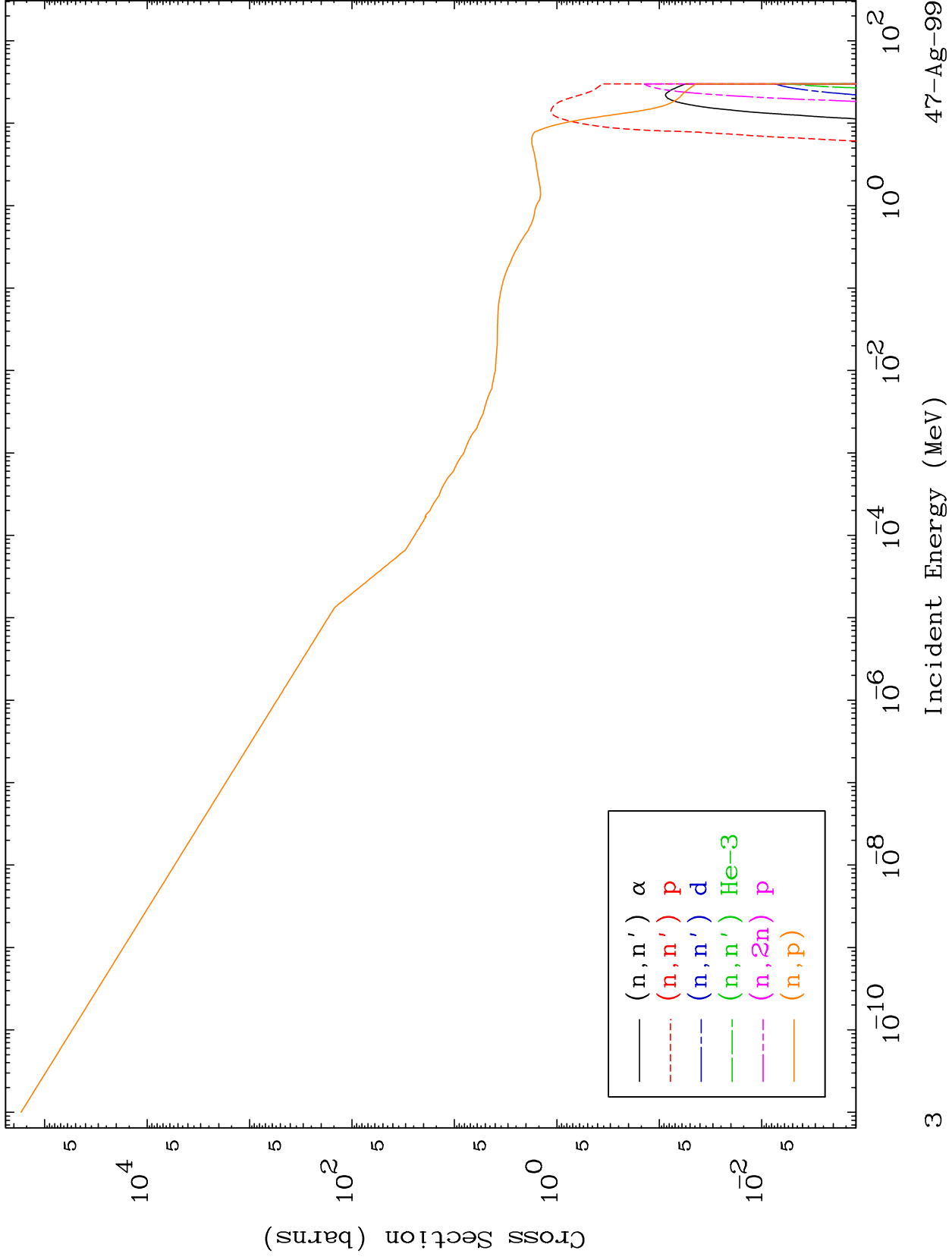
Incident Energy (MeV)

47-Ag-99

MAT 4701

Charged Particle  
293 Kelvin Cross Sections

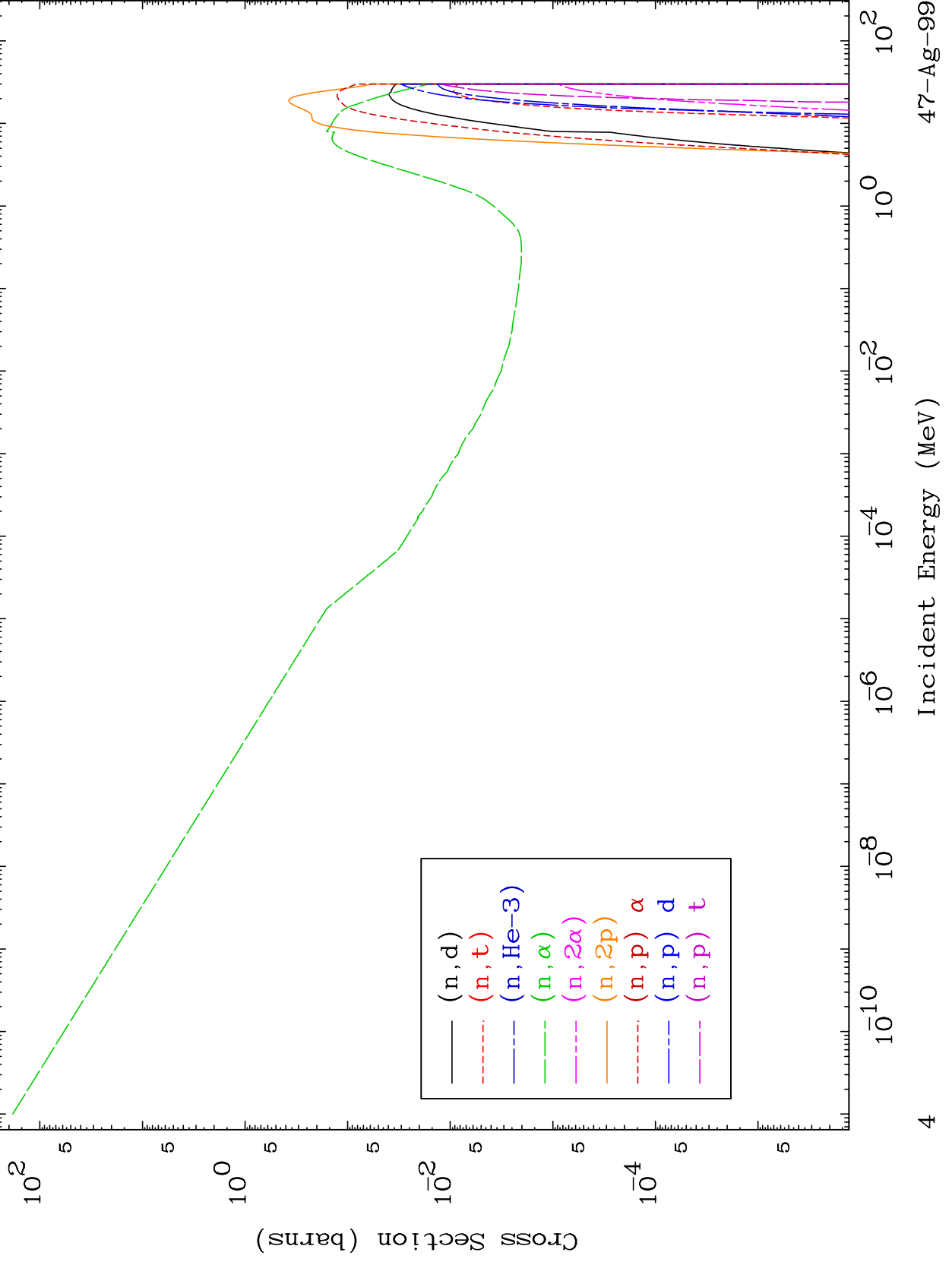
47-Ag-99



MAT 4701

Charged Particle  
293 Kelvin Cross Sections

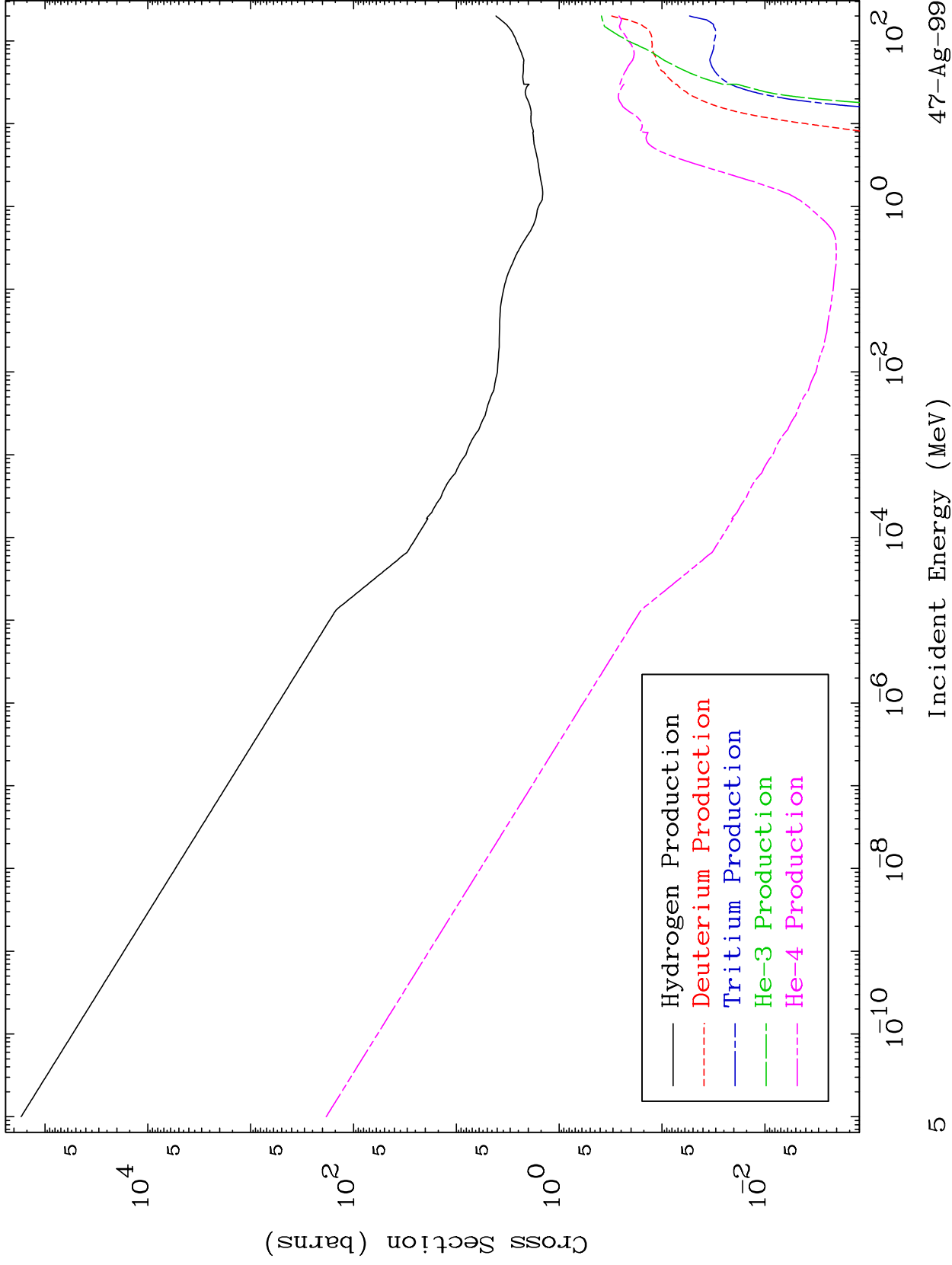
47-Ag-99



MAT 4701

Particle Production  
293 Kelvin Cross Sections

47-Ag-99

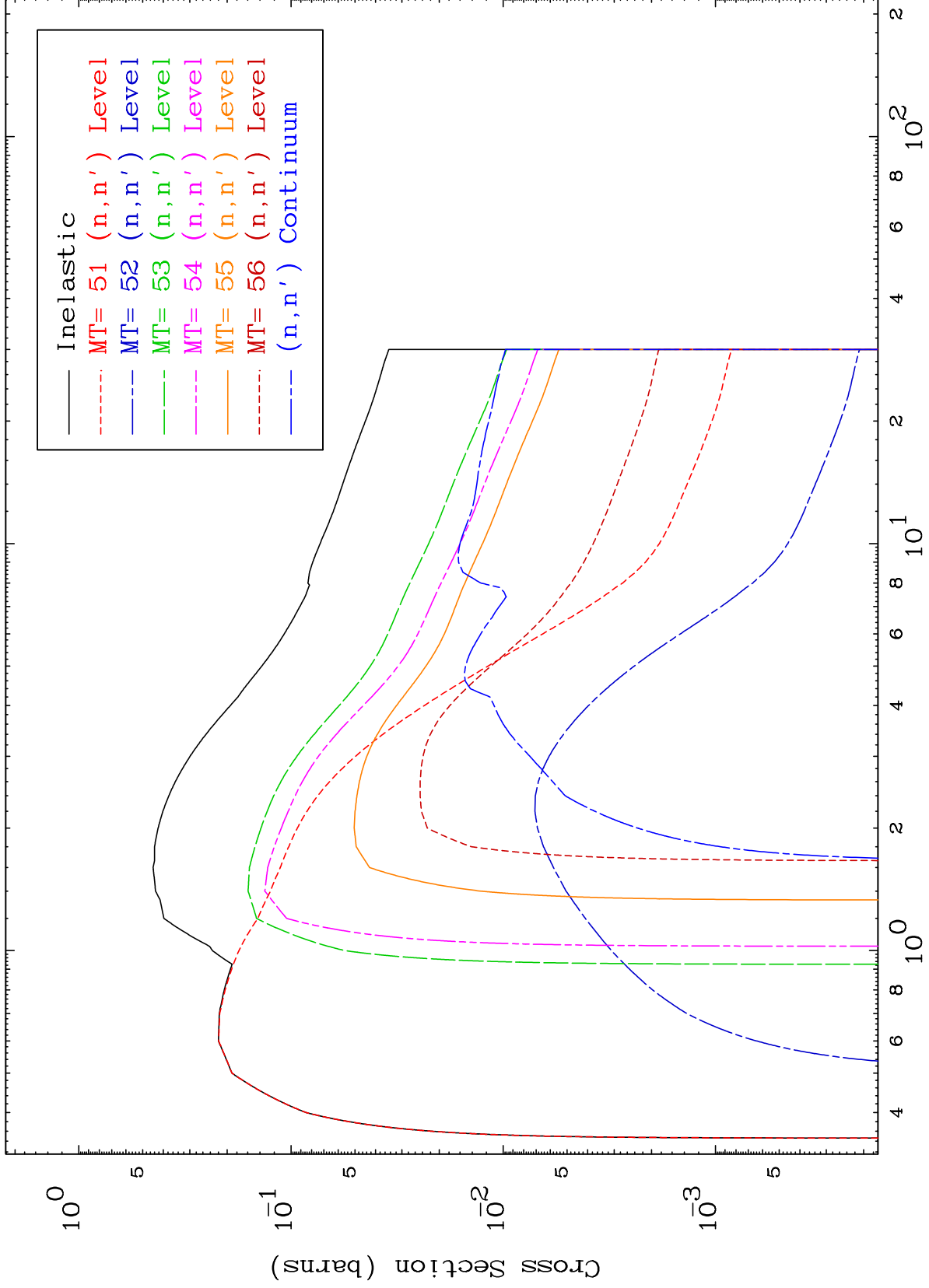


MAT 4701

(n,n') Level

47-Ag-99

293 Kelvin Cross Sections



6

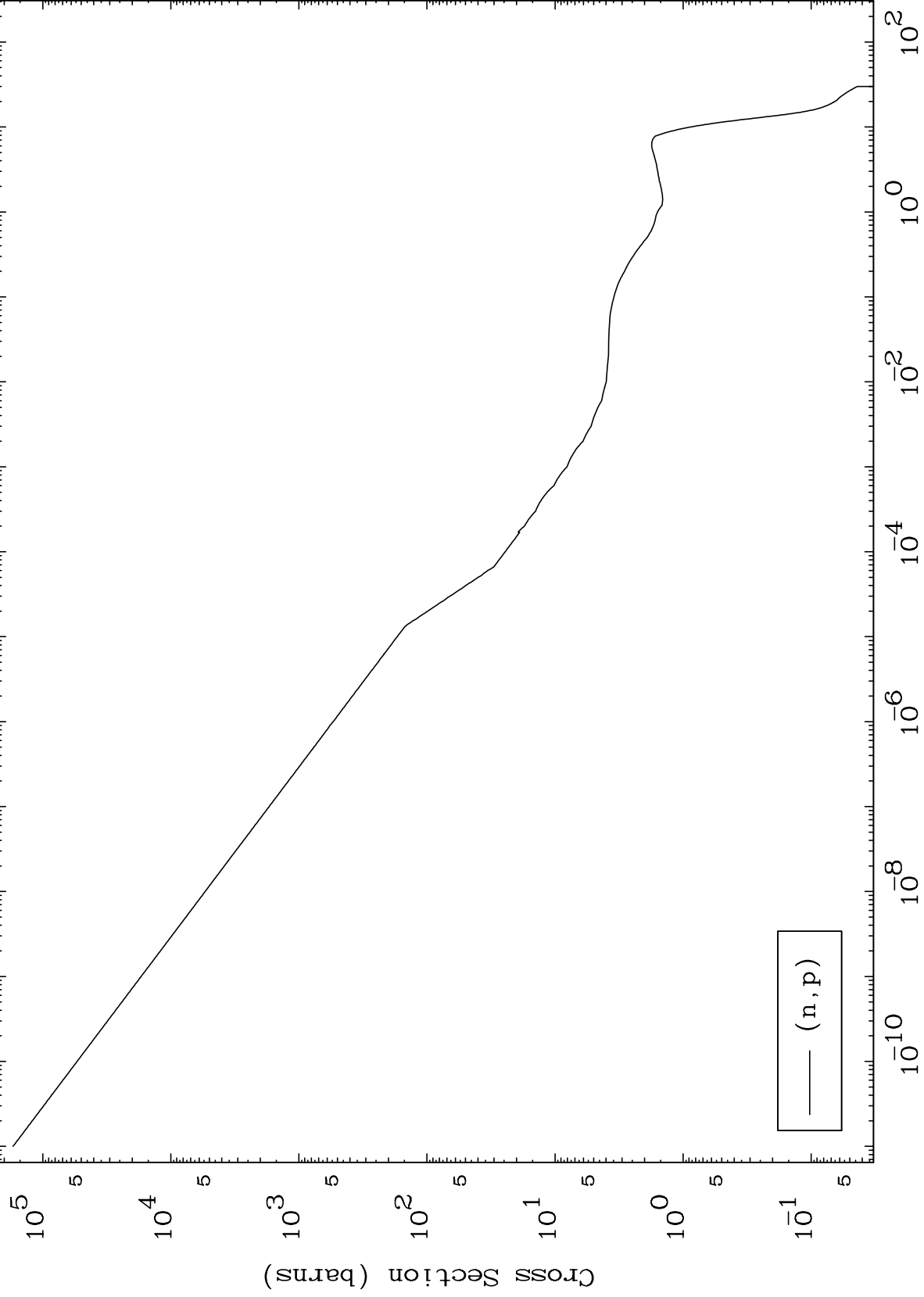
Incident Energy (MeV)

47-Ag-99

MAT 4701

(n,p) Levels  
293 Kelvin Cross Sections

47-Ag-99



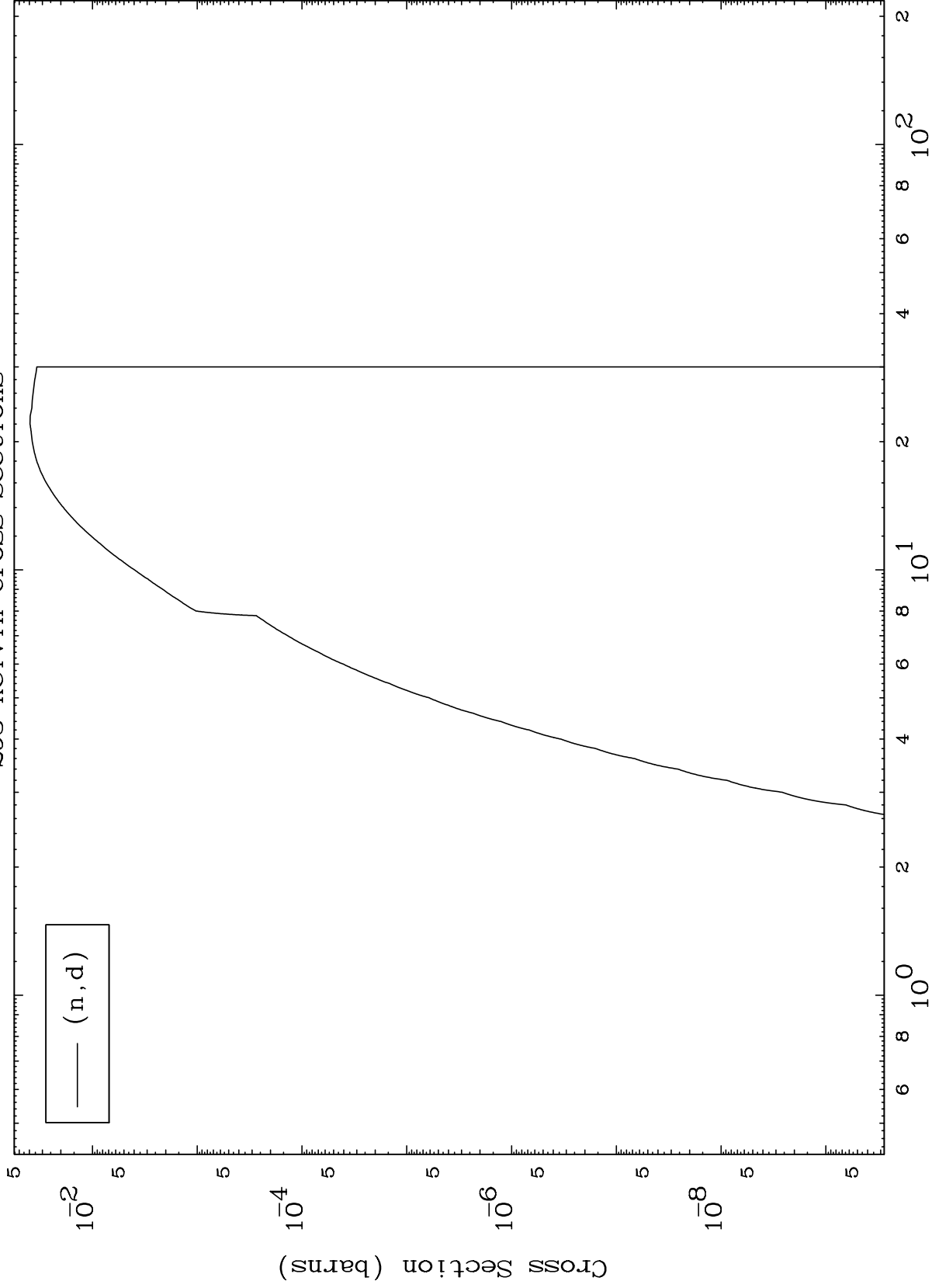
— (n,p)



MAT 4701

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-99



8

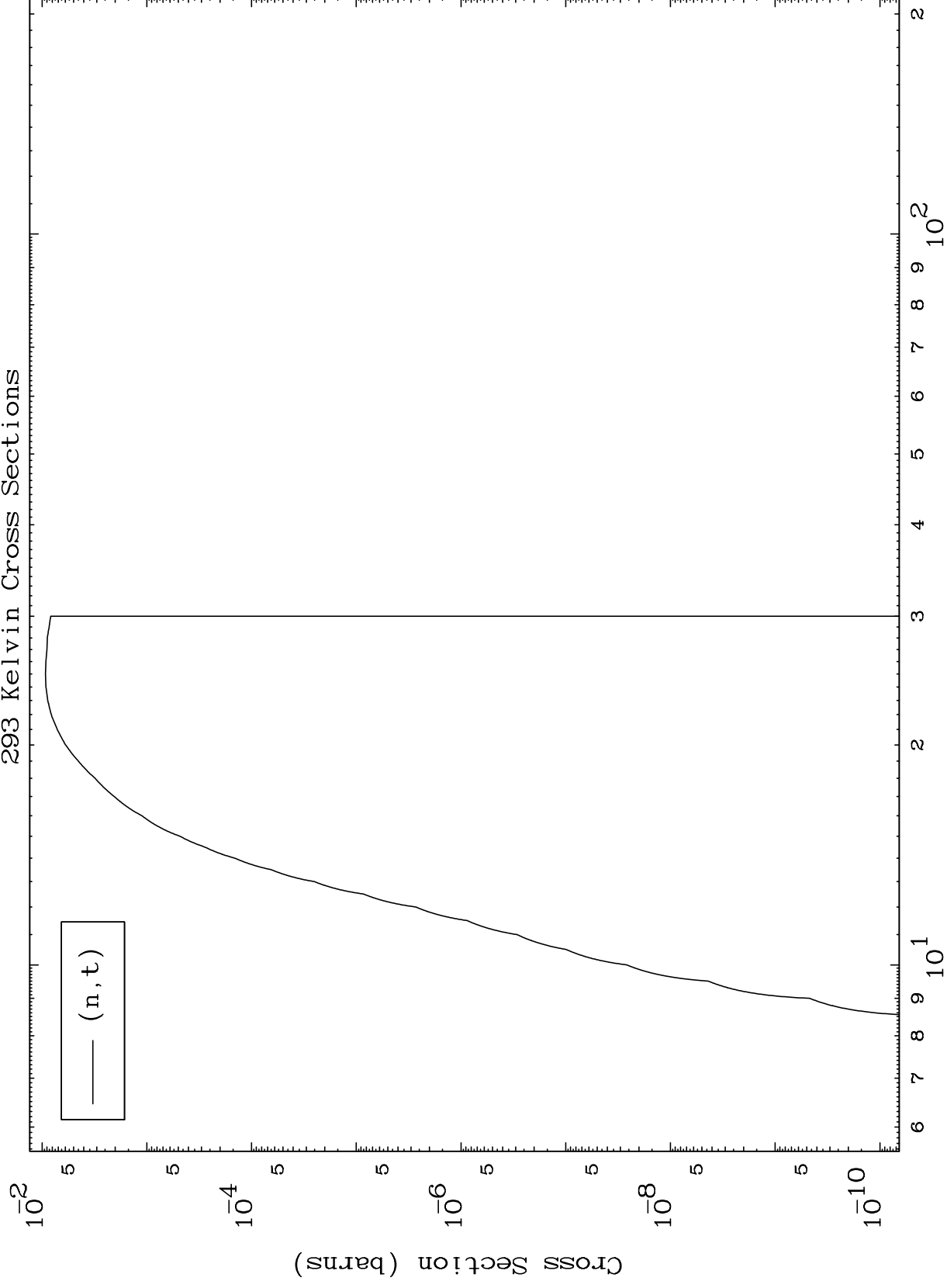
Incident Energy (MeV)

47-Ag-99

MAT 4701

47-Ag-99

(n,t) Levels  
293 Kelvin Cross Sections



9

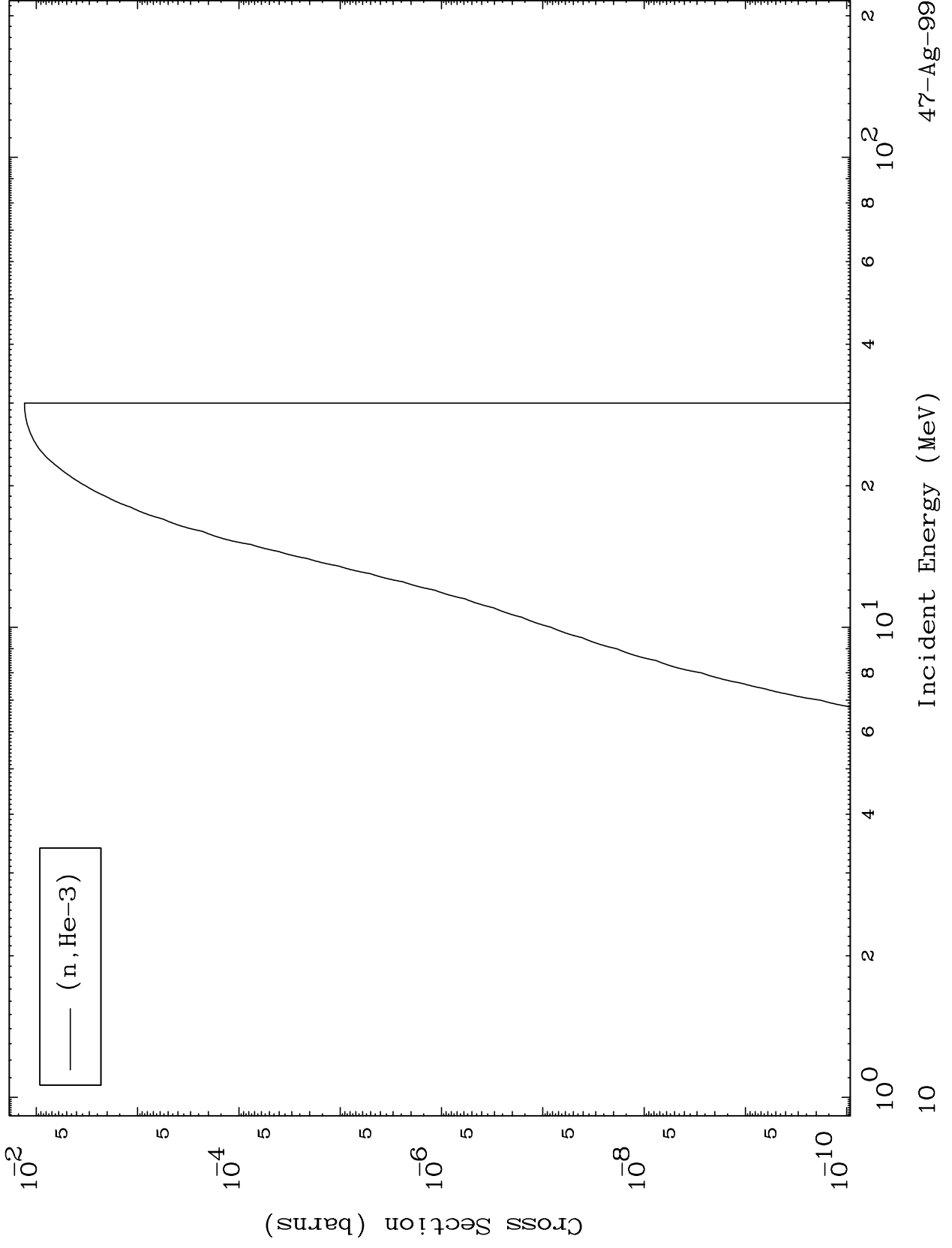
Incident Energy (MeV)

47-Ag-99

MAT 4701

(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-99

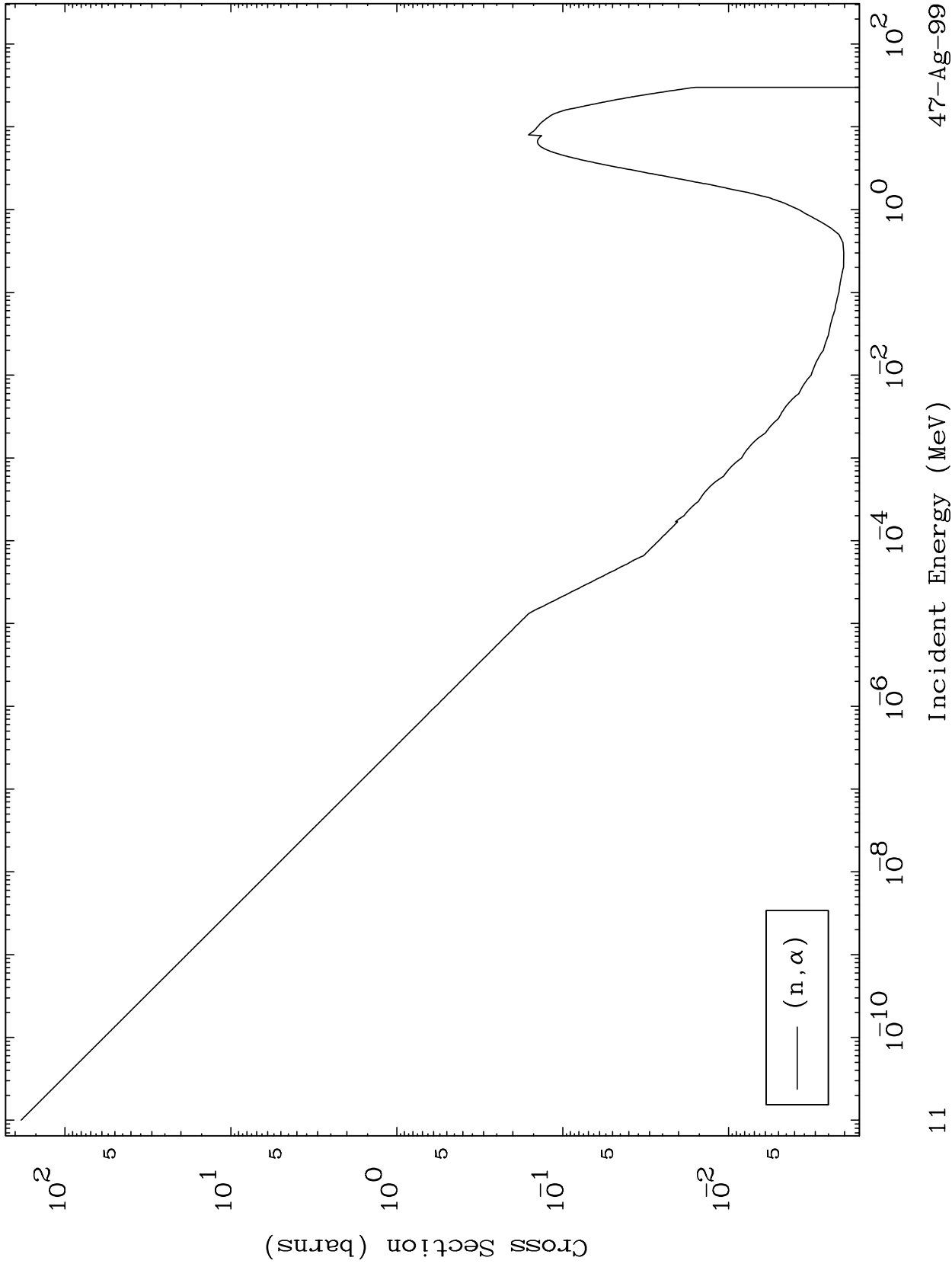


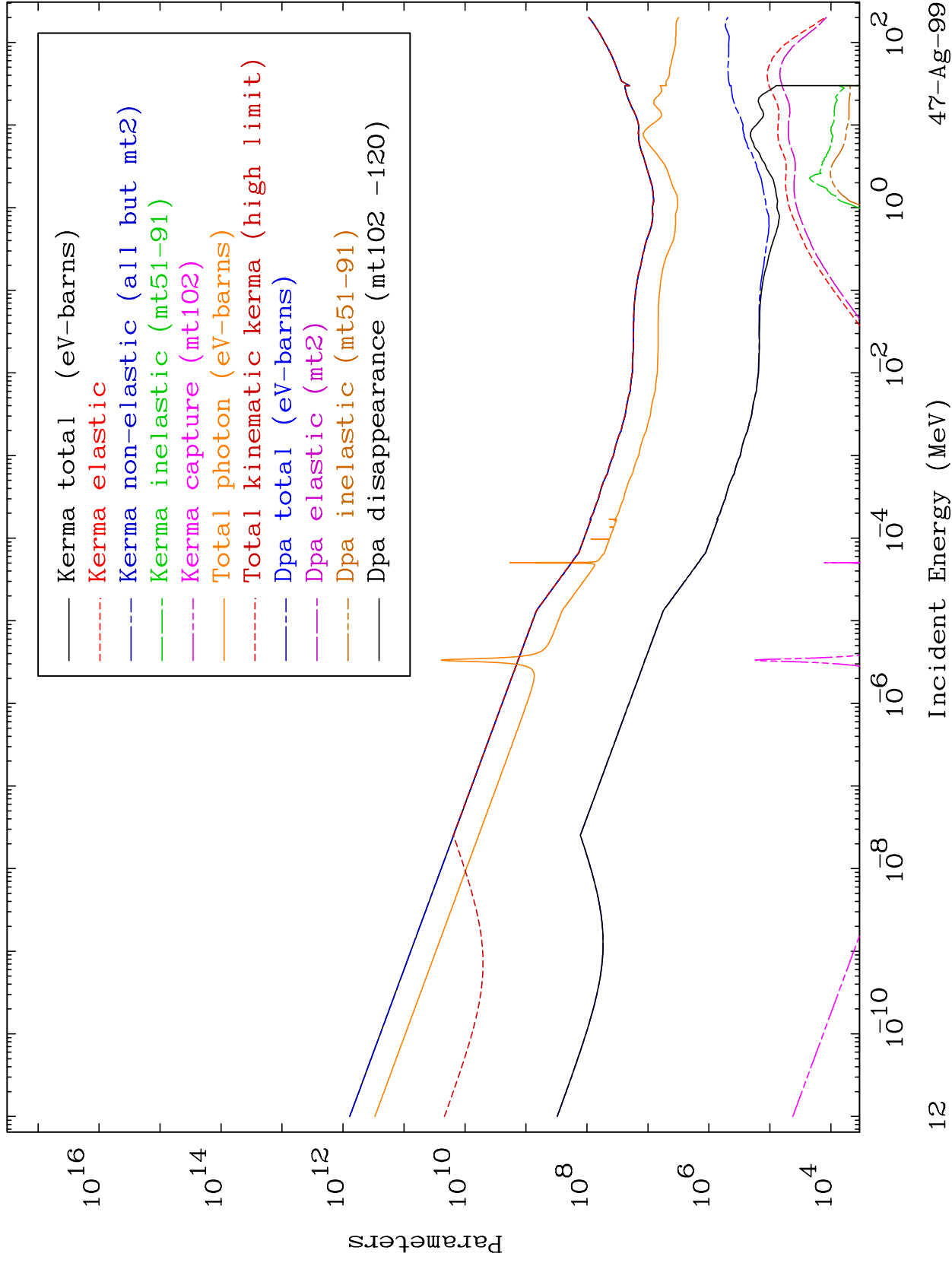
47-Ag-99

MAT 4701

(n,α) Levels  
293 Kelvin Cross Sections

47-Ag-99

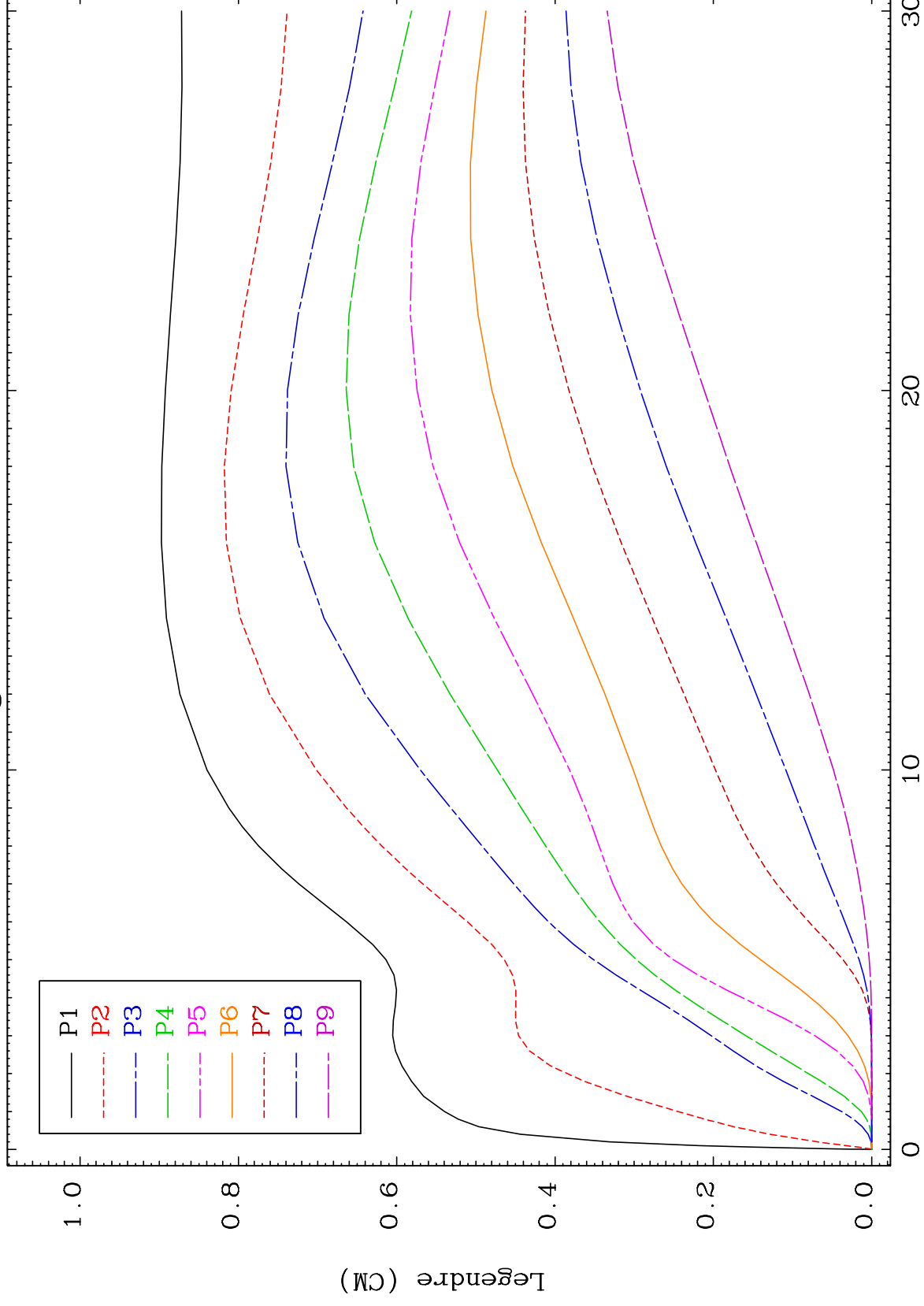




MAT 4701

Elastic Legendre Coefficients

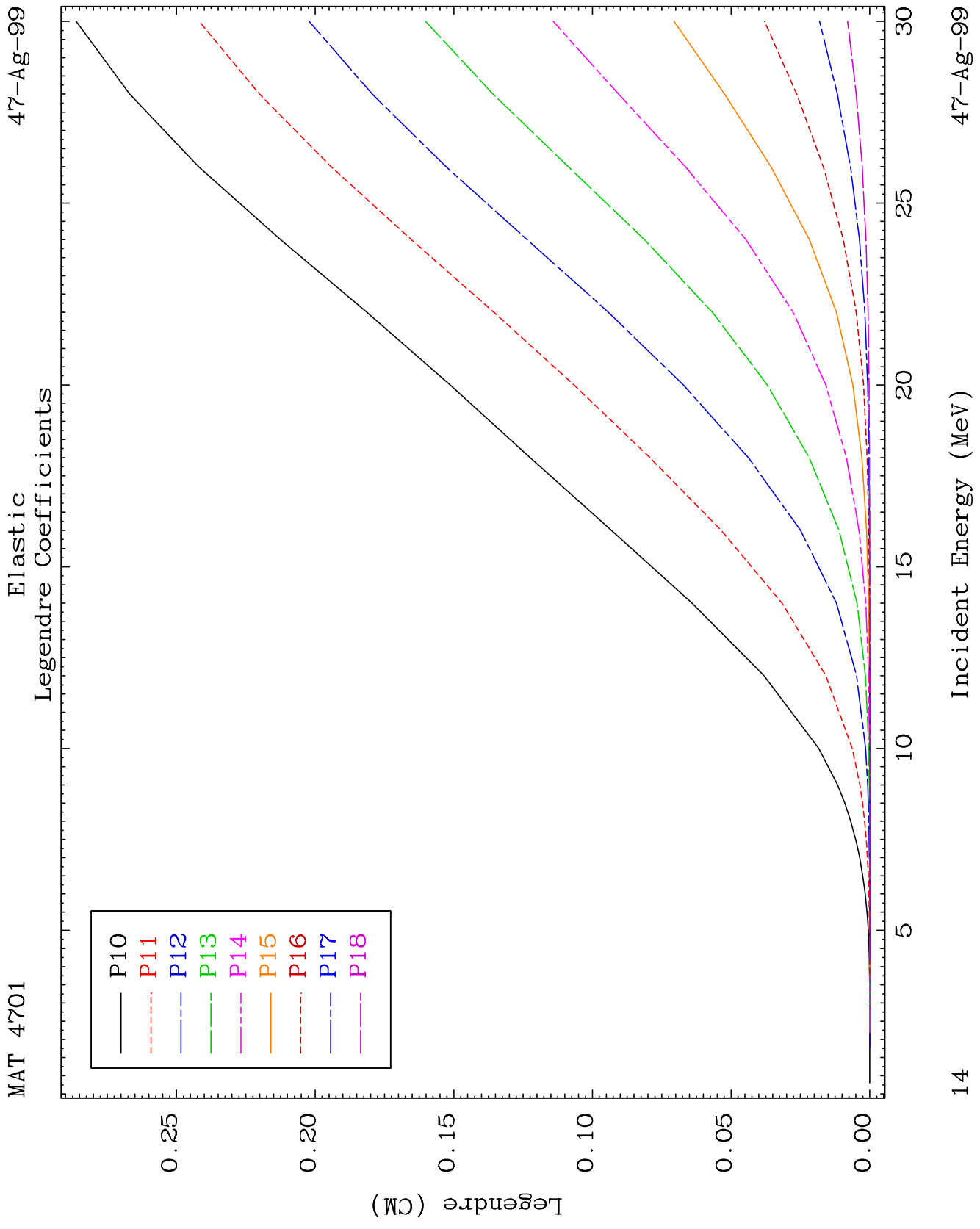
47-Ag-99



13

Incident Energy (MeV)

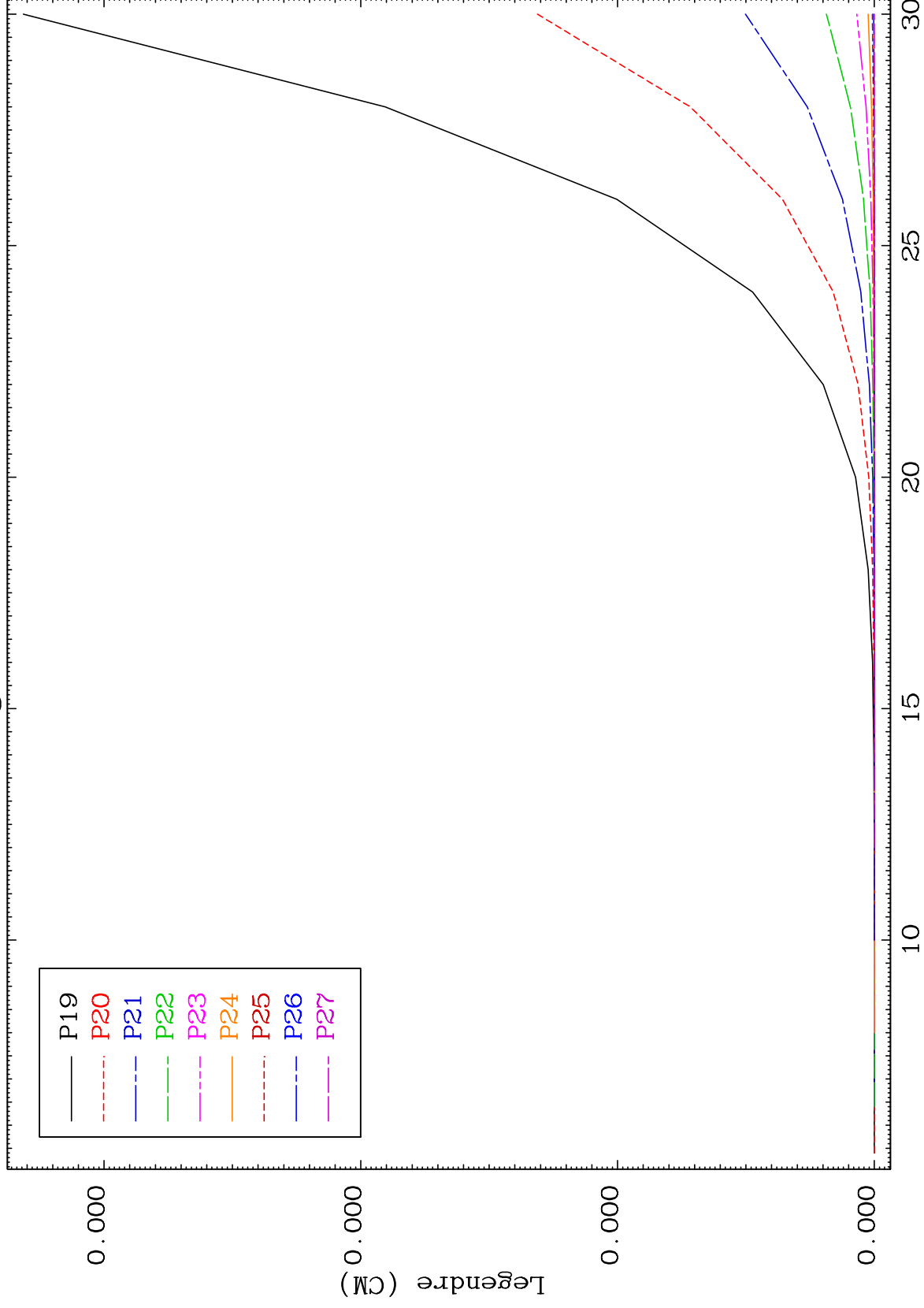
47-Ag-99



MAT 4701

Elastic Legendre Coefficients

47-Ag-99



15

Incident Energy (MeV)

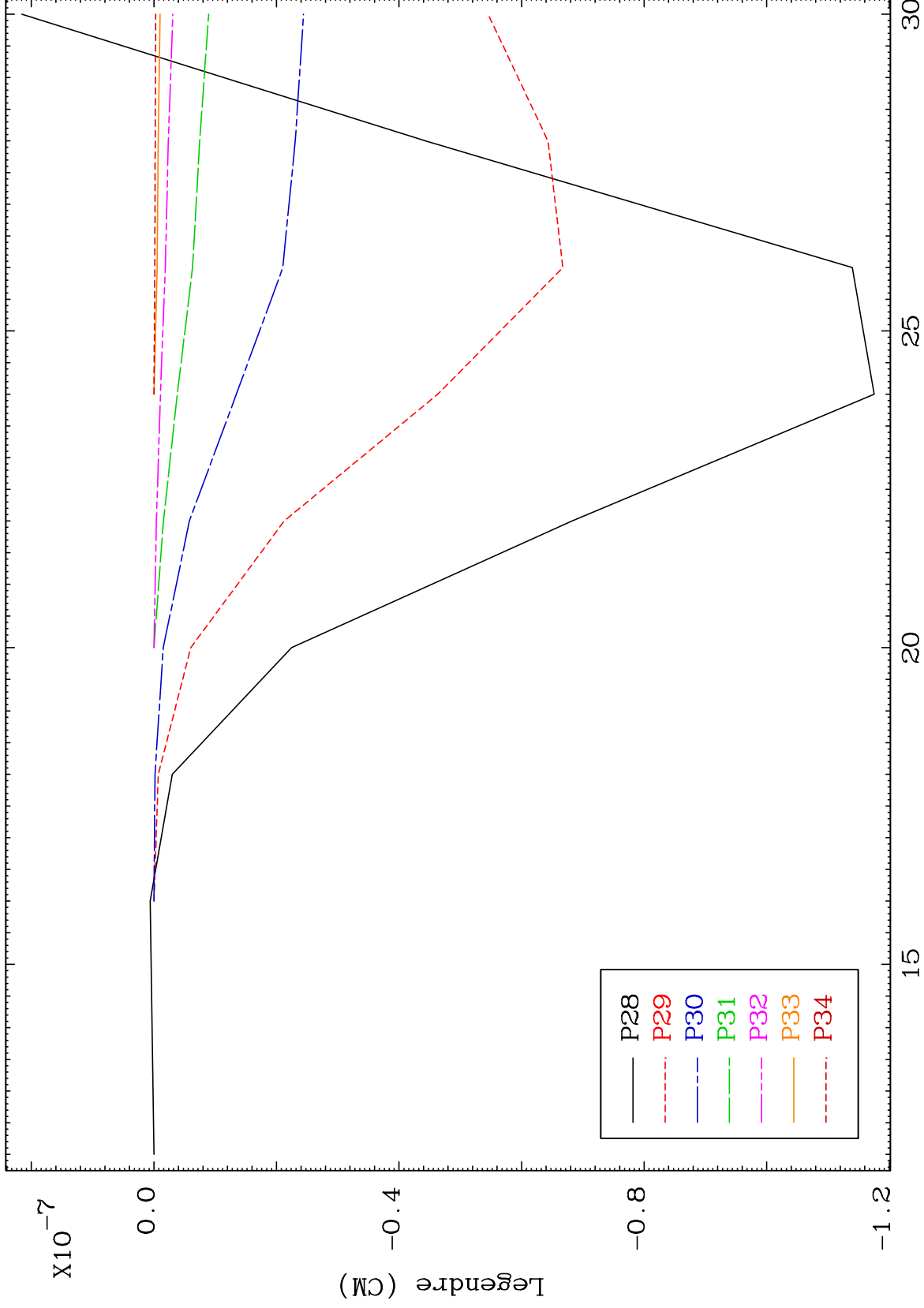
47-Ag-99



MAT 4701

Elastic Legendre Coefficients

47-Ag-99



16

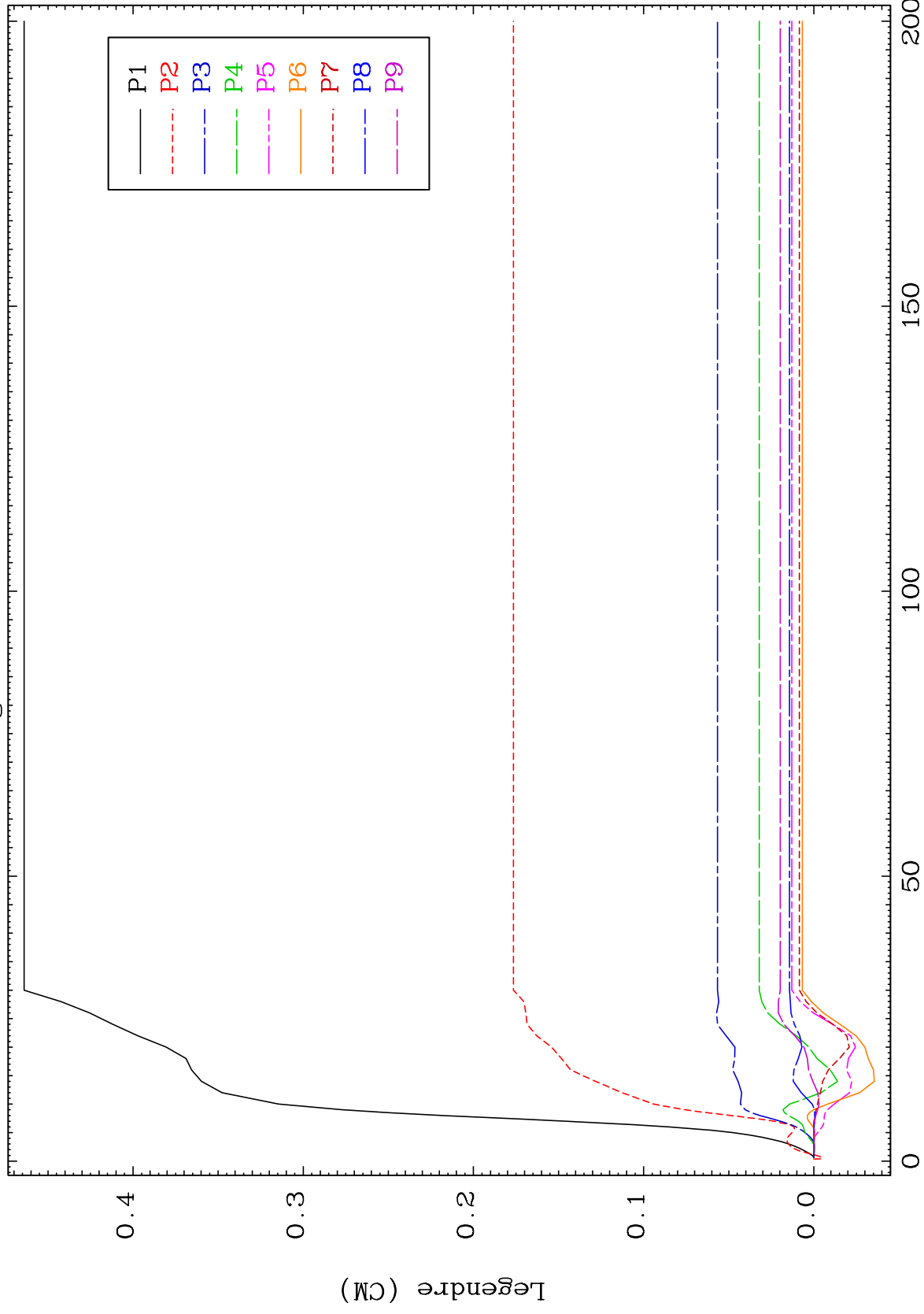
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 51 (n,n') Level  
Legendre Coefficients

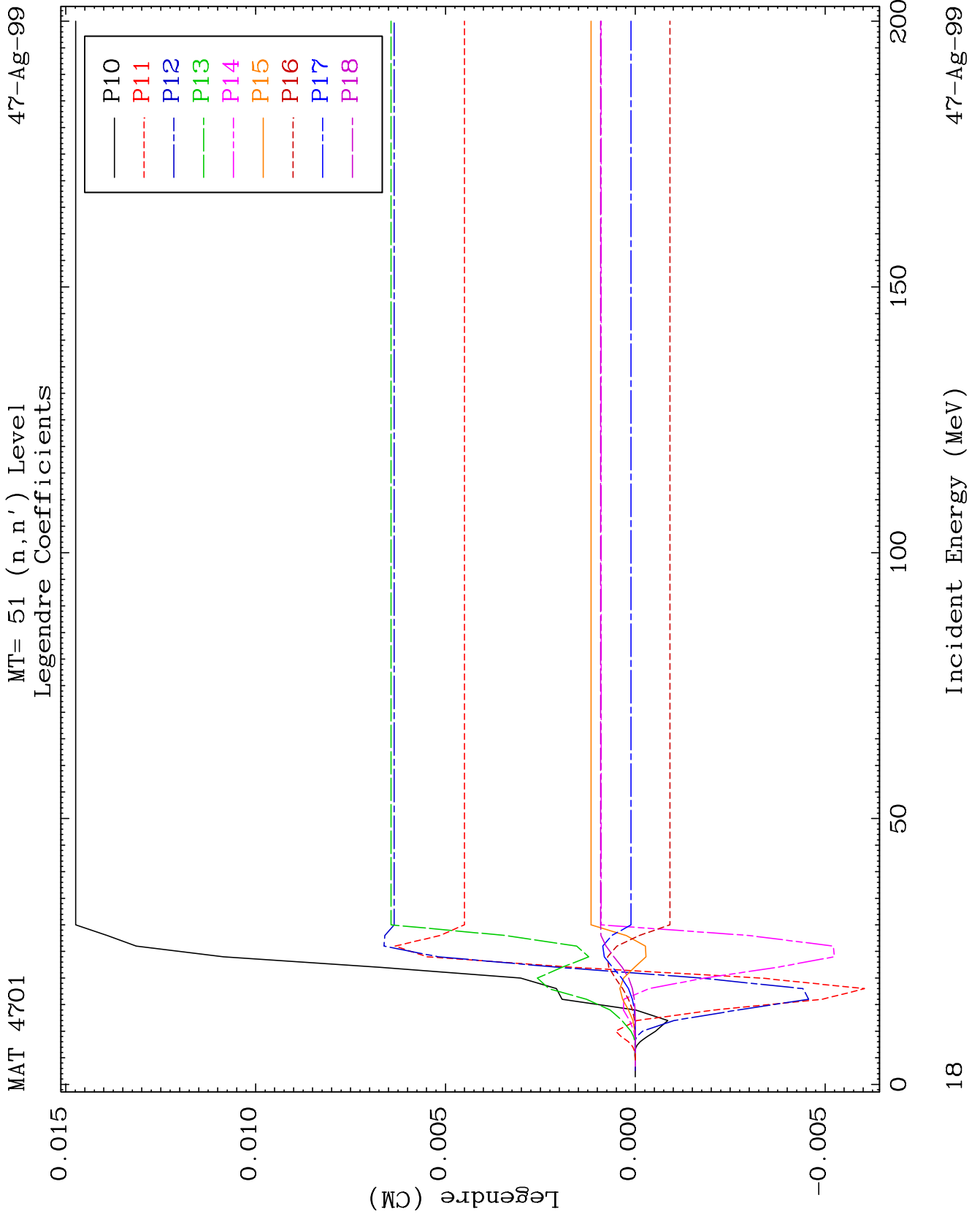
47-Ag-99



17

Incident Energy (MeV)

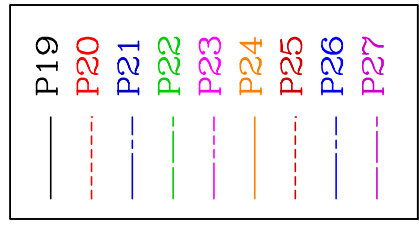
47-Ag-99



MAT 4701

MT= 51 (n,n') Level  
Legendre Coefficients

47-Ag-99



$\times 10^{-3}$   
1.5

Legendre (CM)

1.0

0.5

0.0

50

100

150

200

19

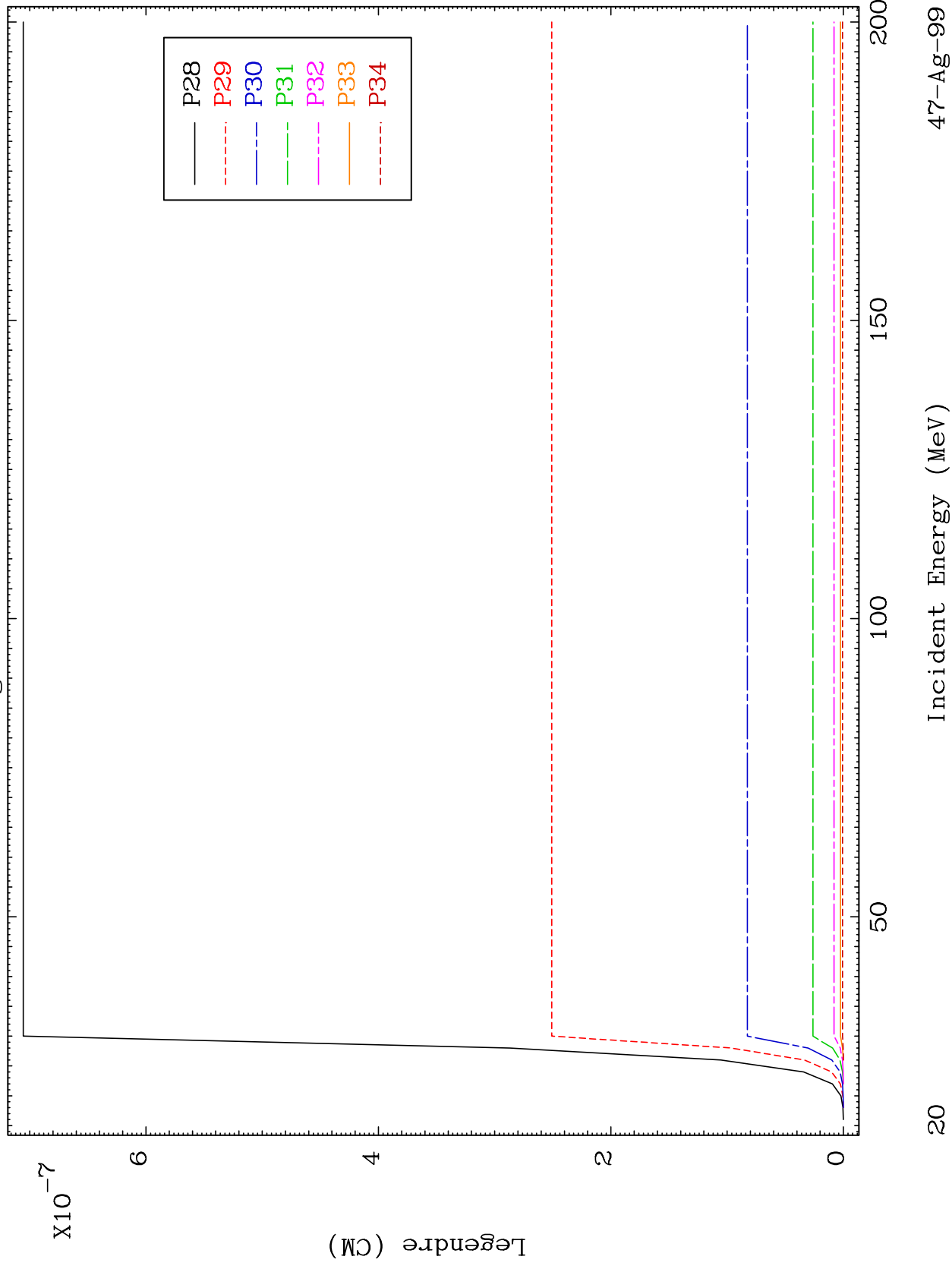
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 51 (n,n') Level  
Legendre Coefficients

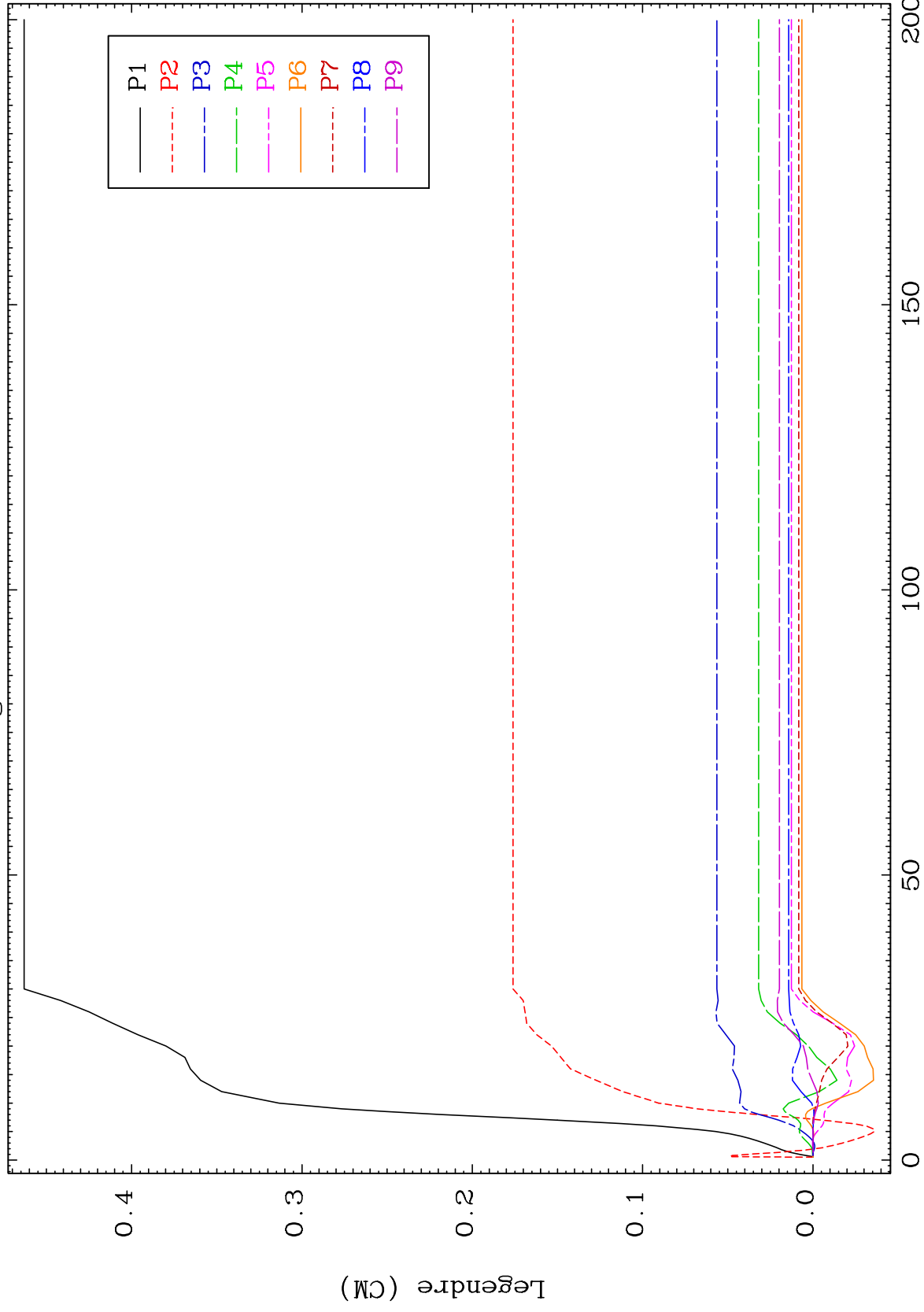
47-Ag-99



MAT 4701

MT= 52 (n,n') Level  
Legendre Coefficients

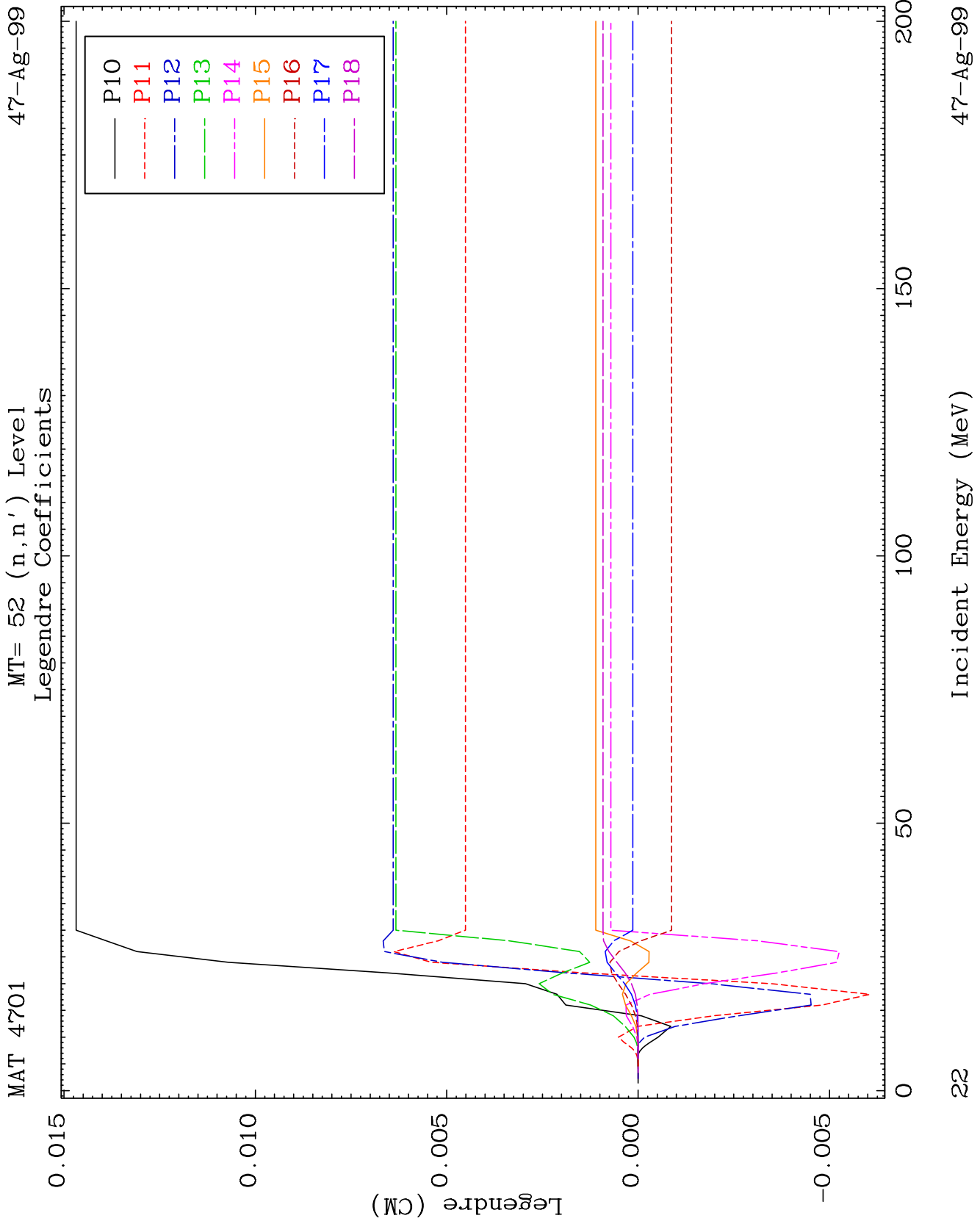
47-Ag-99

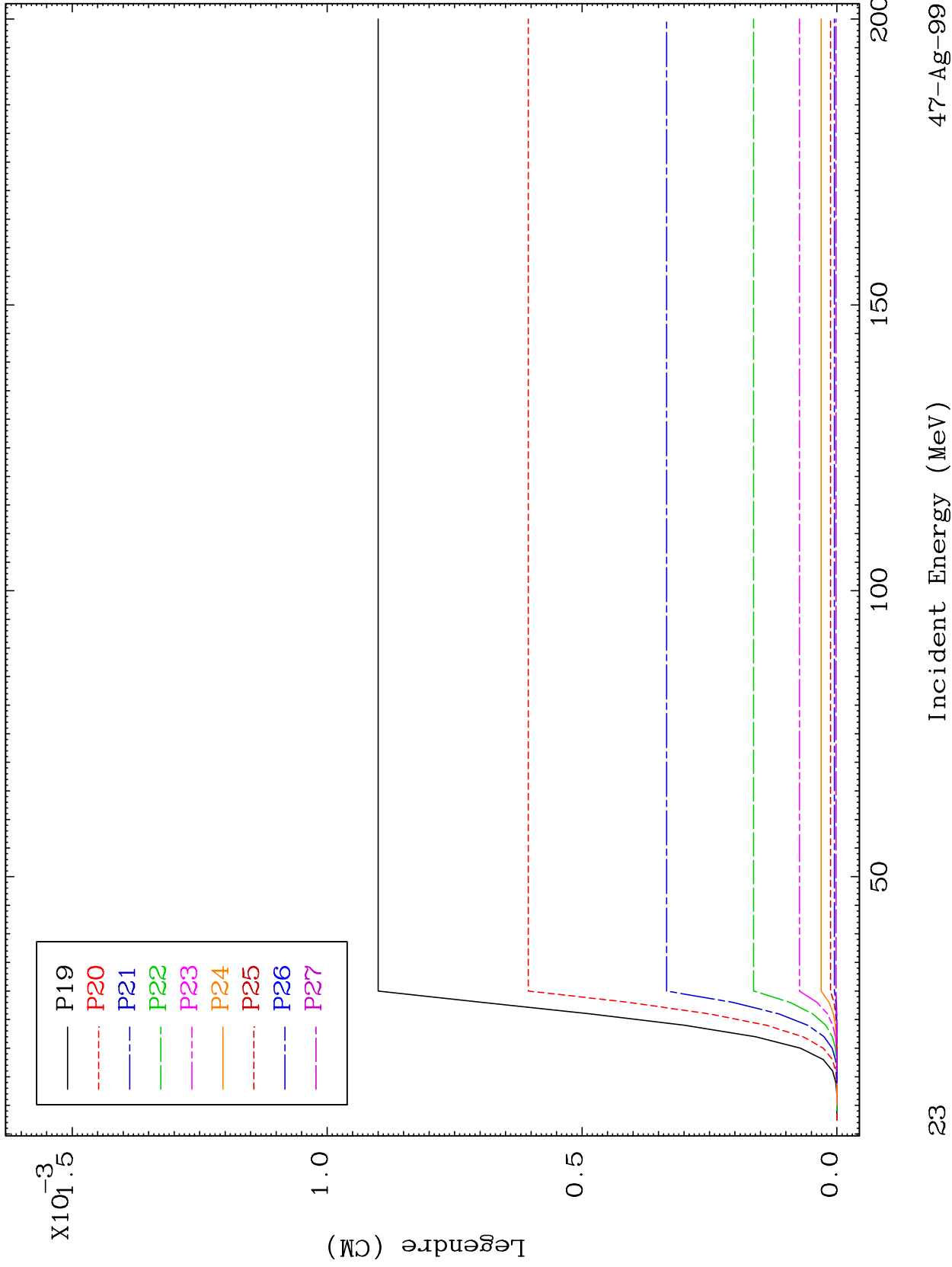


47-Ag-99

Incident Energy (MeV)

21



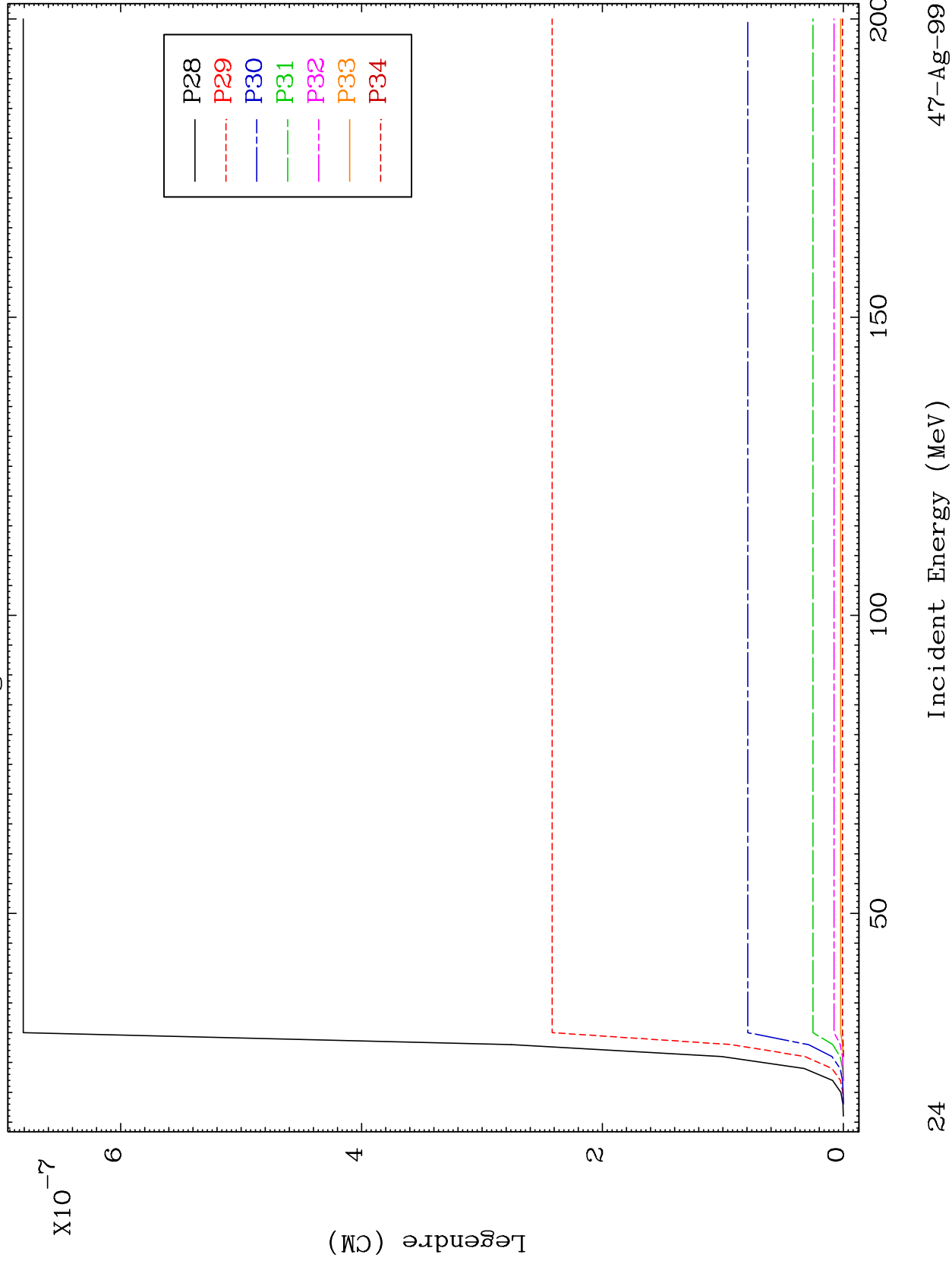




MAT 4701

MT= 52 (n,n') Level  
Legendre Coefficients

47-Ag-99



24

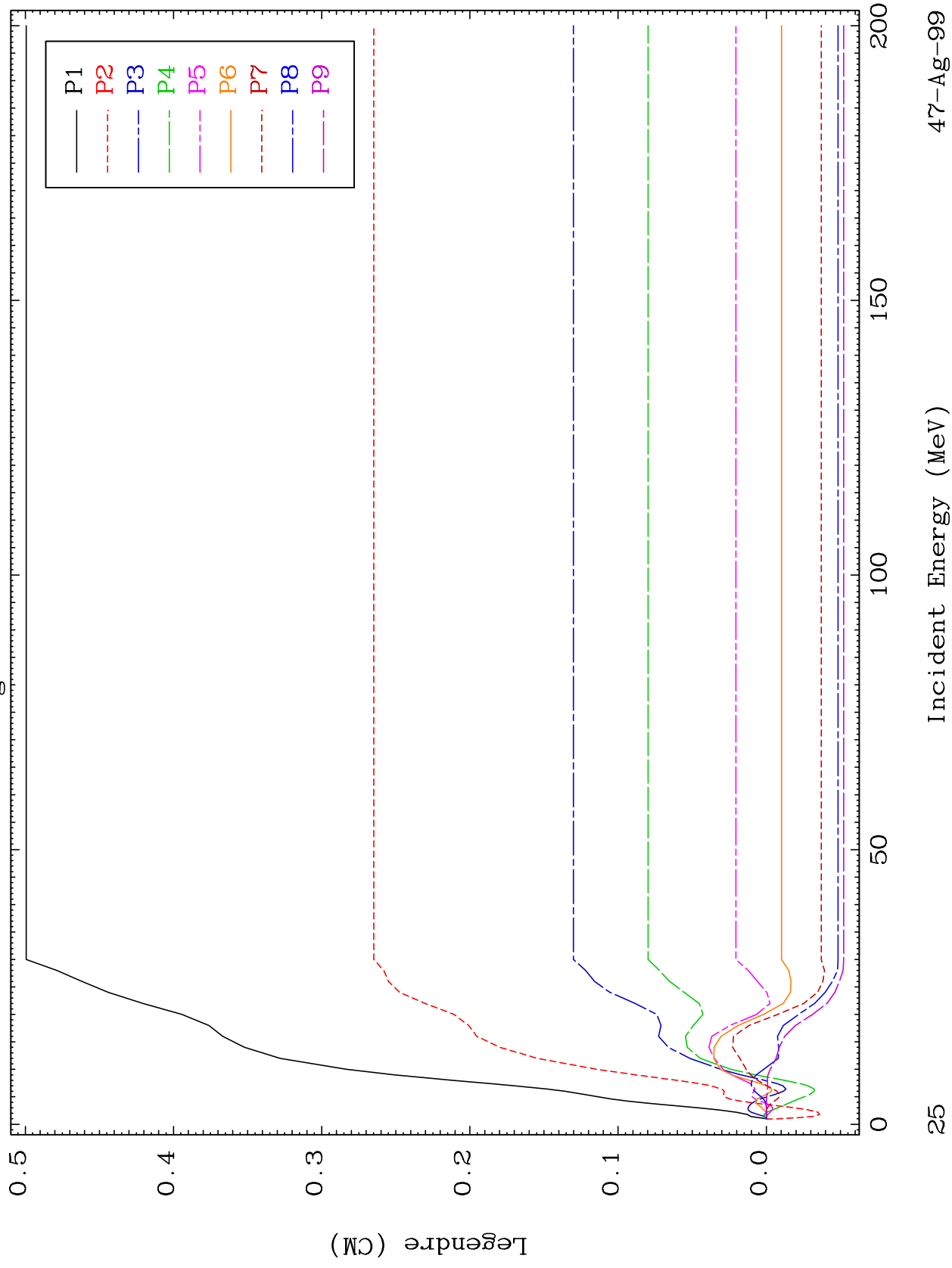
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 53 (n,n') Level  
Legendre Coefficients

47-Ag-99



47-Ag-99

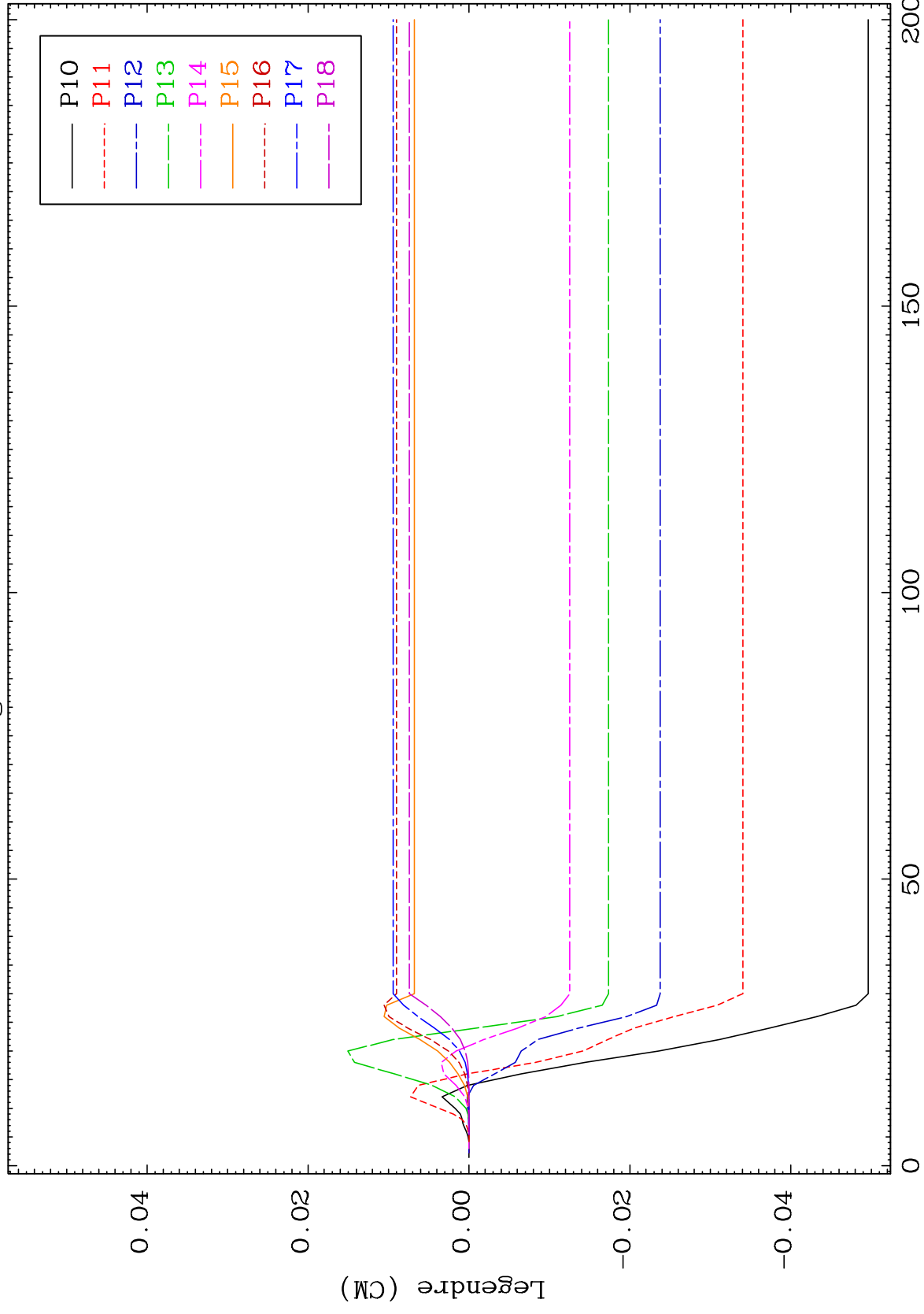
Incident Energy (MeV)

25

MAT 4701

MT= 53 (n,n') Level  
Legendre Coefficients

47-Ag-99



26

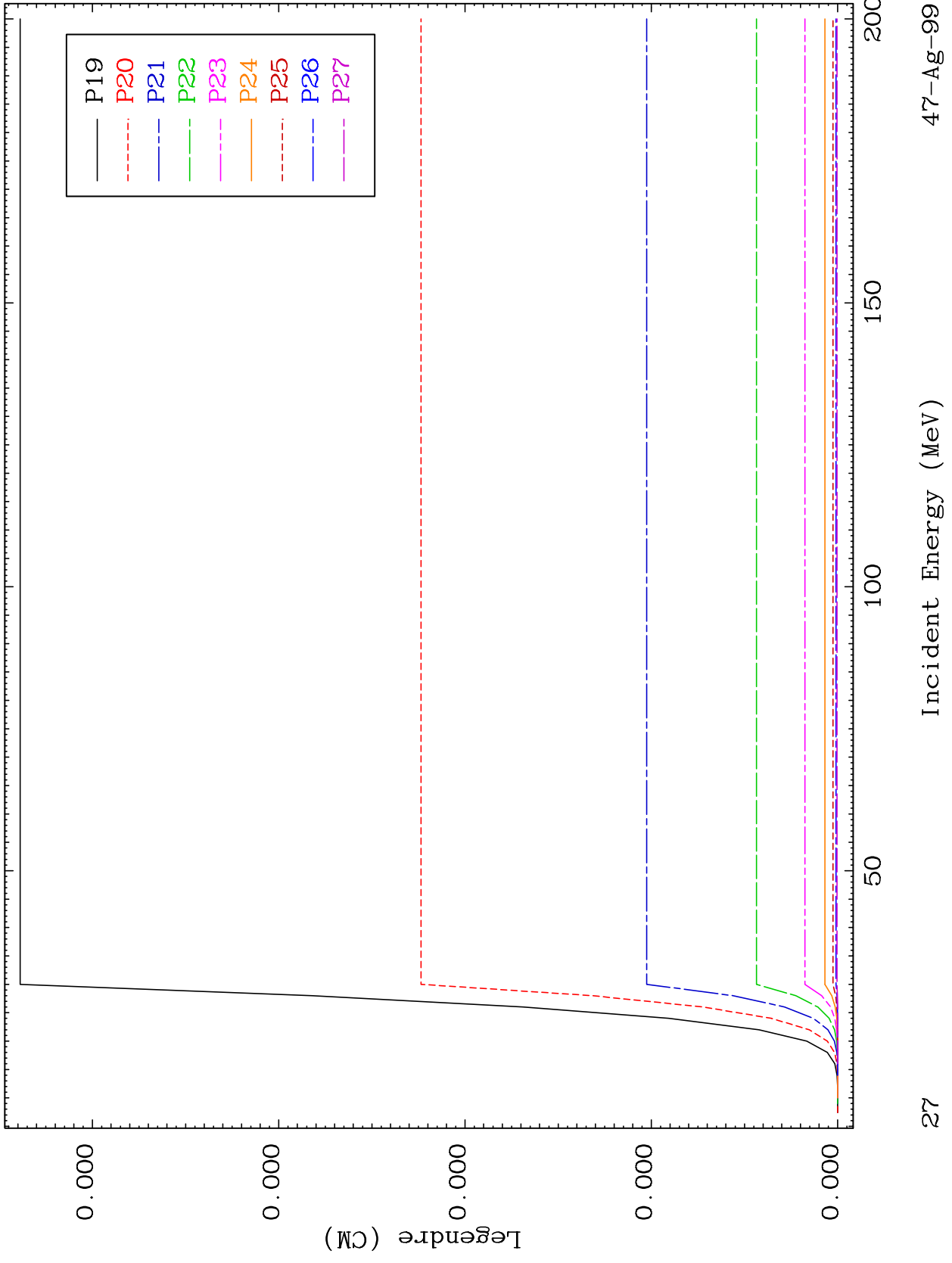
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 53 (n,n') Level  
Legendre Coefficients

47-Ag-99



27

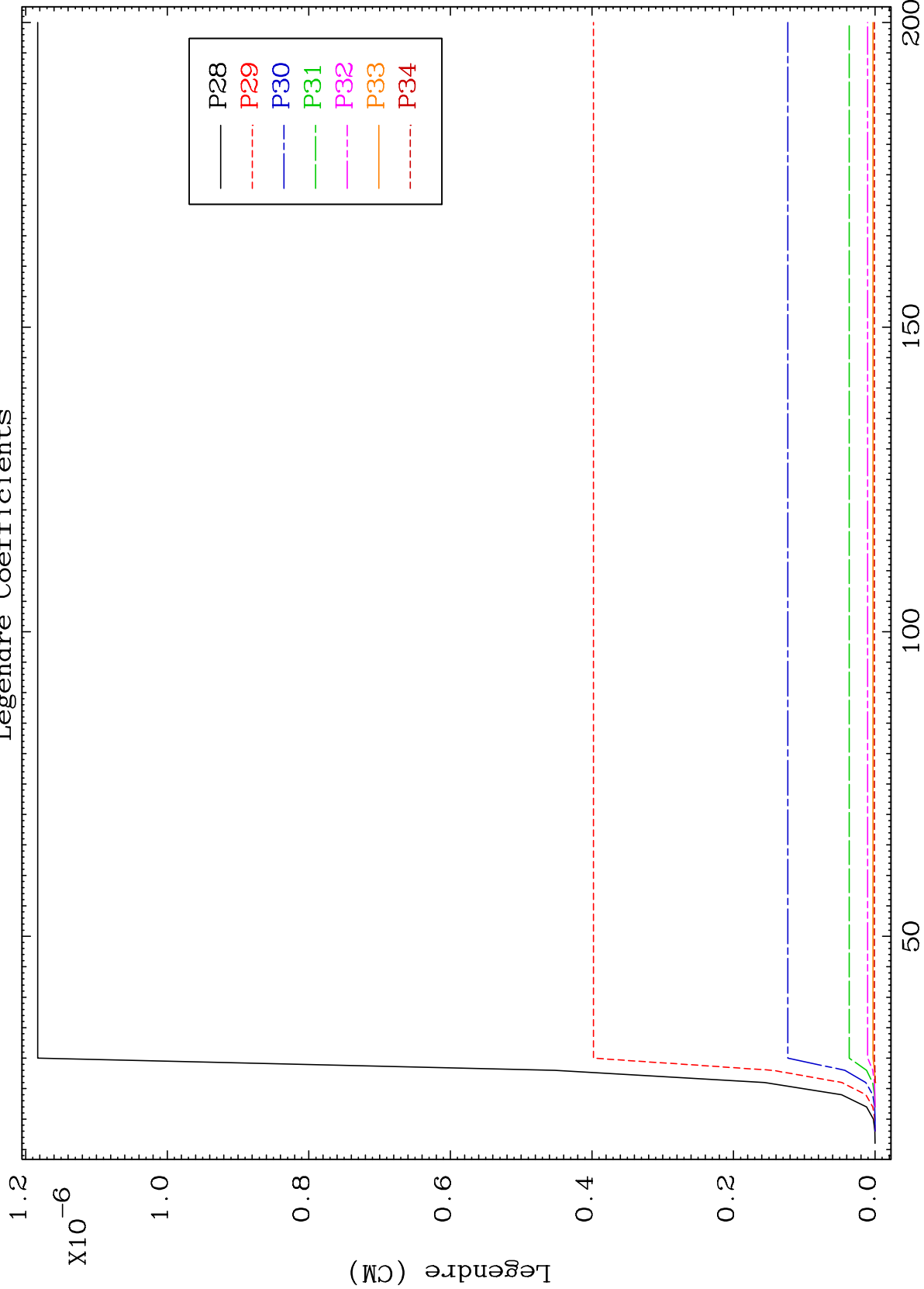
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 53 (n,n') Level  
Legendre Coefficients

47-Ag-99



47-Ag-99

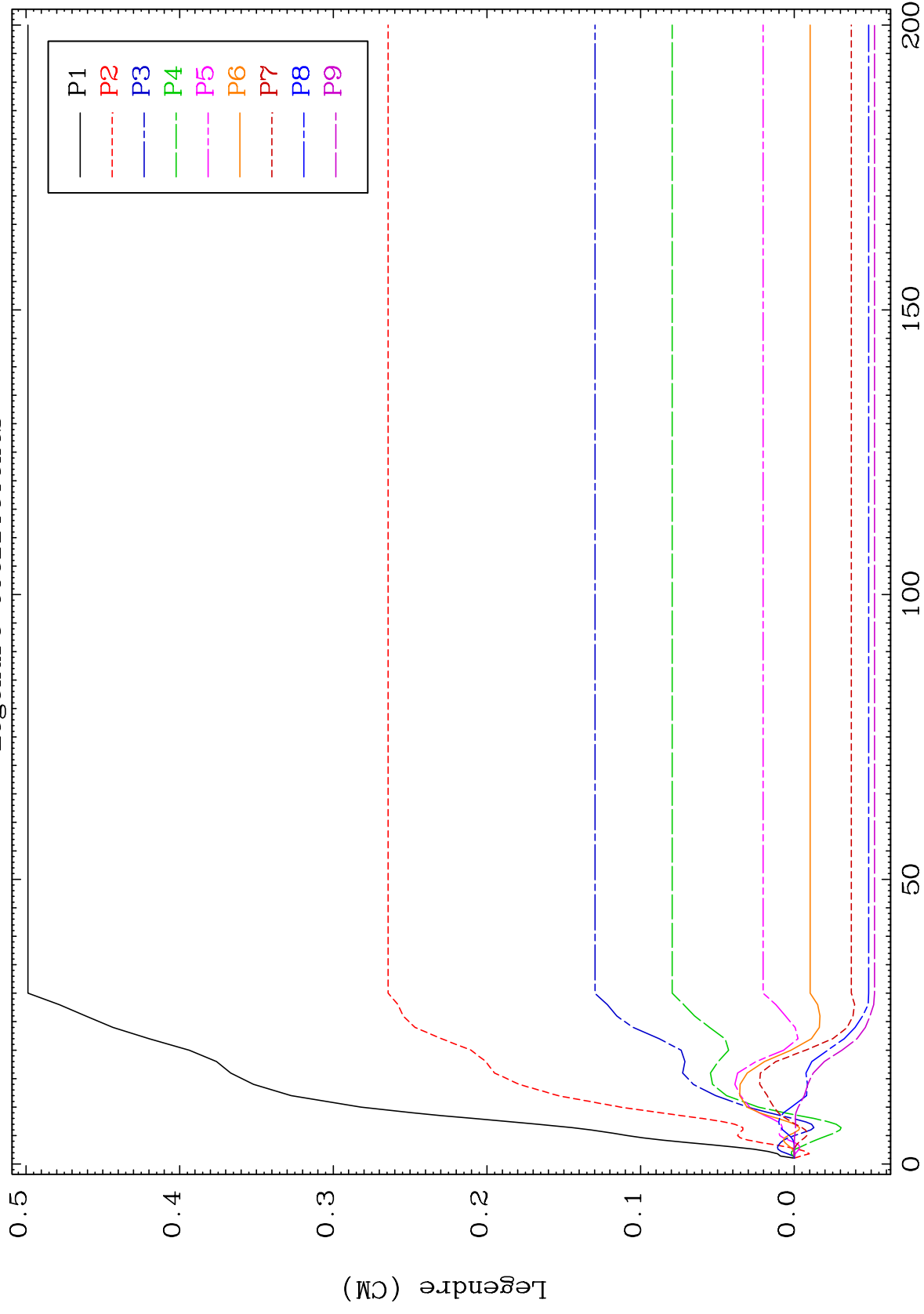
Incident Energy (MeV)

28

MAT 4701

MT= 54 (n,n') Level  
Legendre Coefficients

47-Ag-99



29

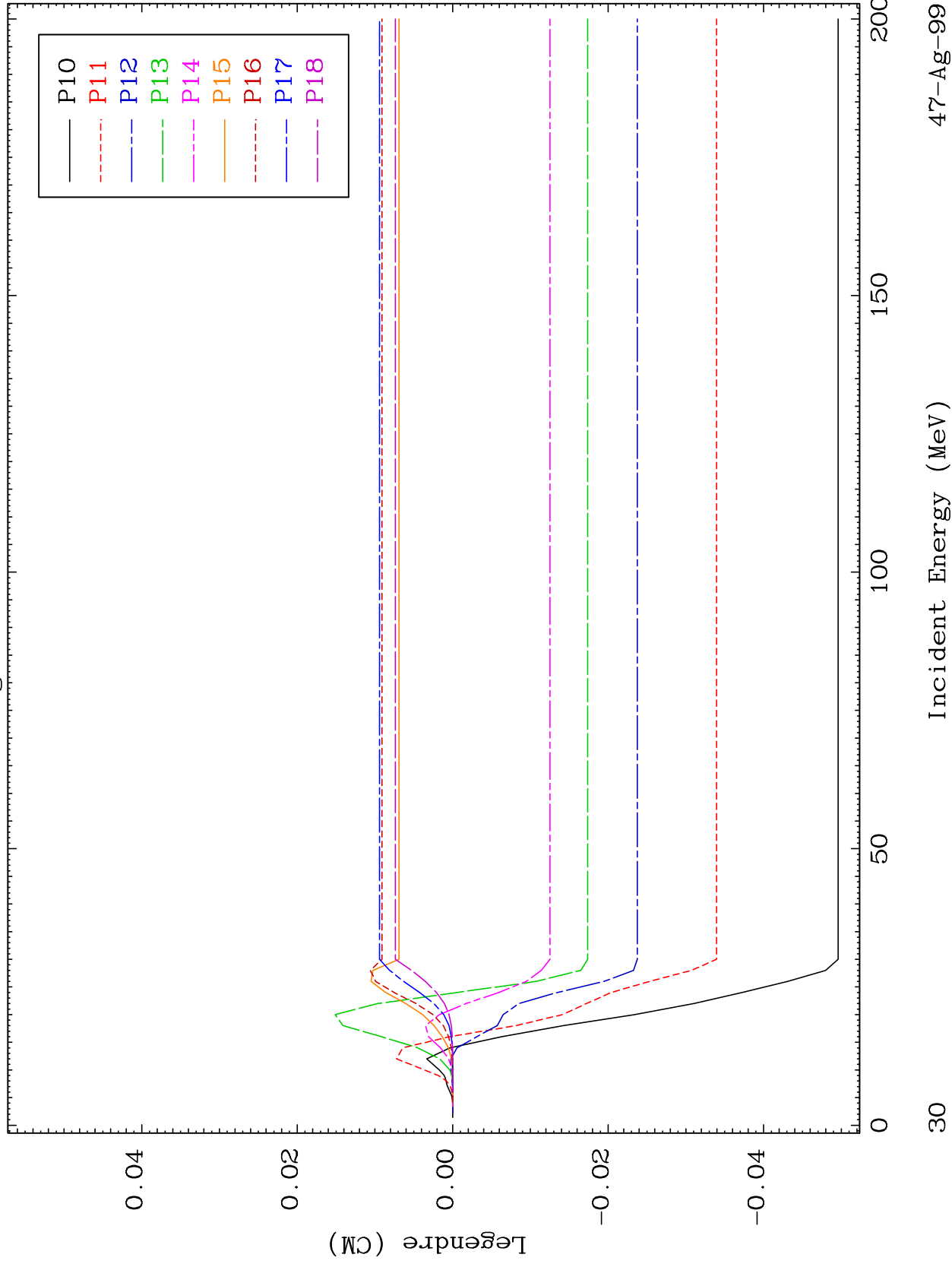
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 54 (n,n') Level  
Legendre Coefficients

47-Ag-99



47-Ag-99

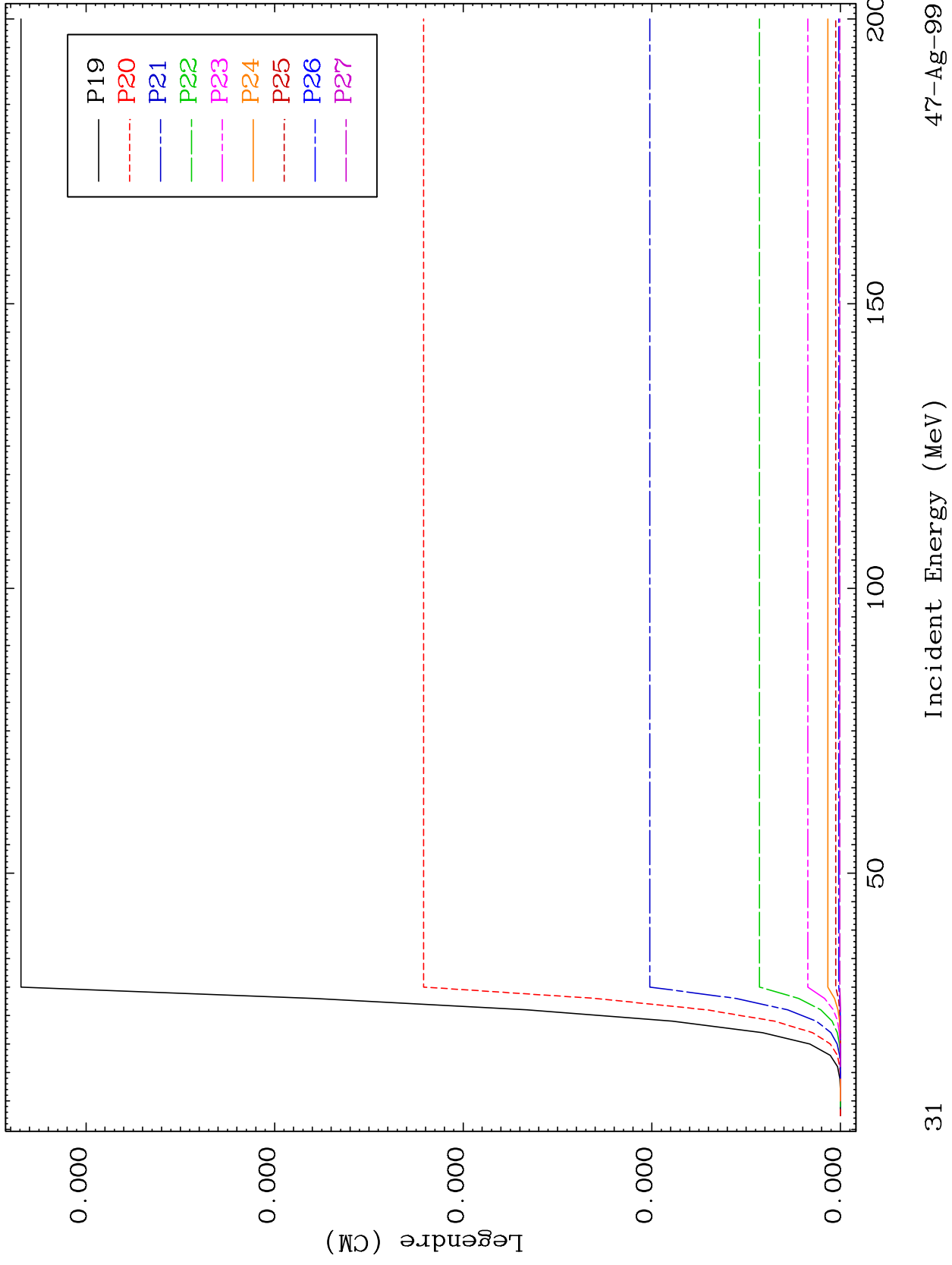
Incident Energy (MeV)

30

MAT 4701

MT= 54 (n,n') Level  
Legendre Coefficients

47-Ag-99



31

Incident Energy (MeV)

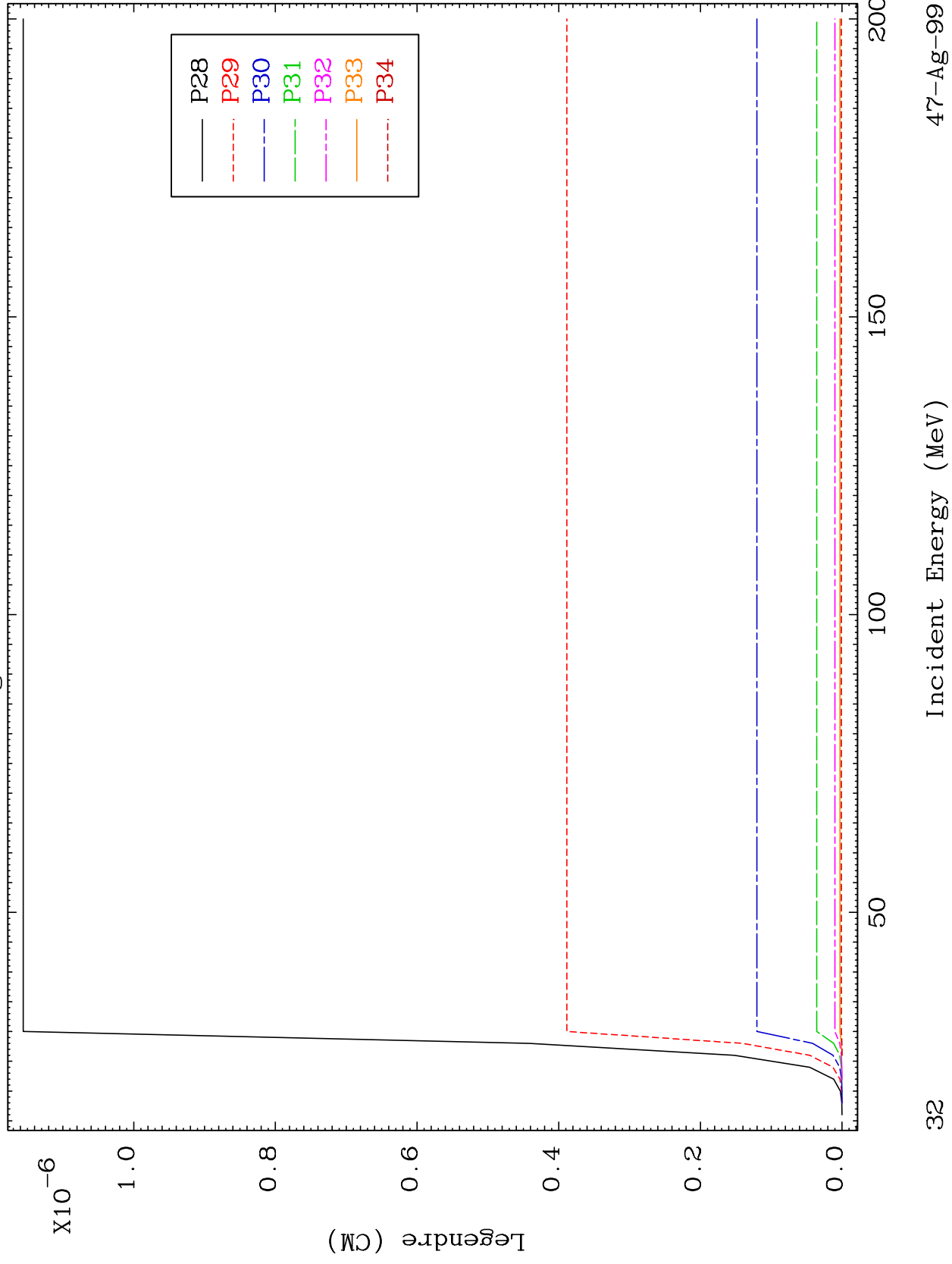
47-Ag-99



MAT 4701

MT= 54 (n,n') Level  
Legendre Coefficients

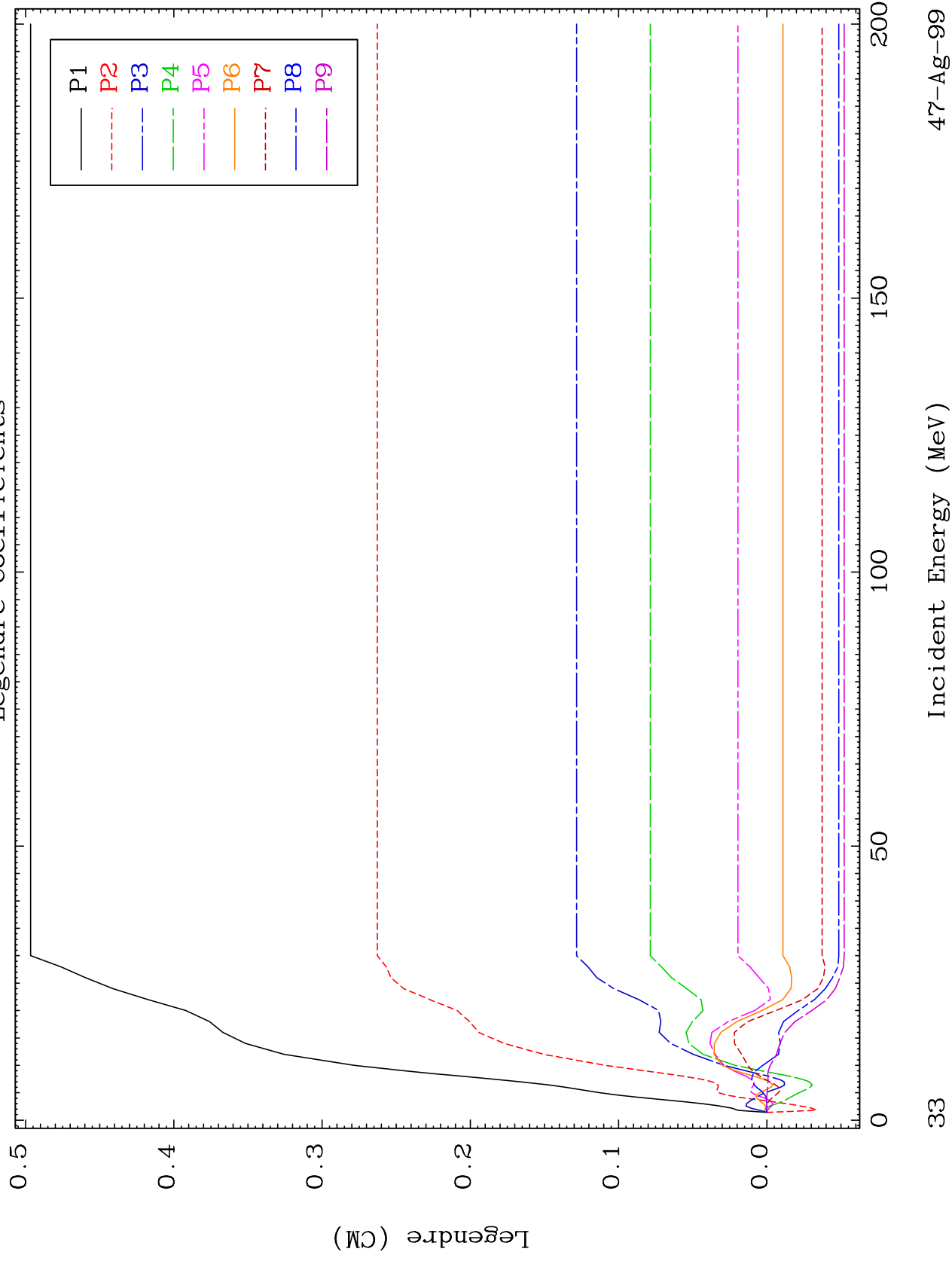
47-Ag-99



MAT 4701

MT= 55 (n,n') Level  
Legendre Coefficients

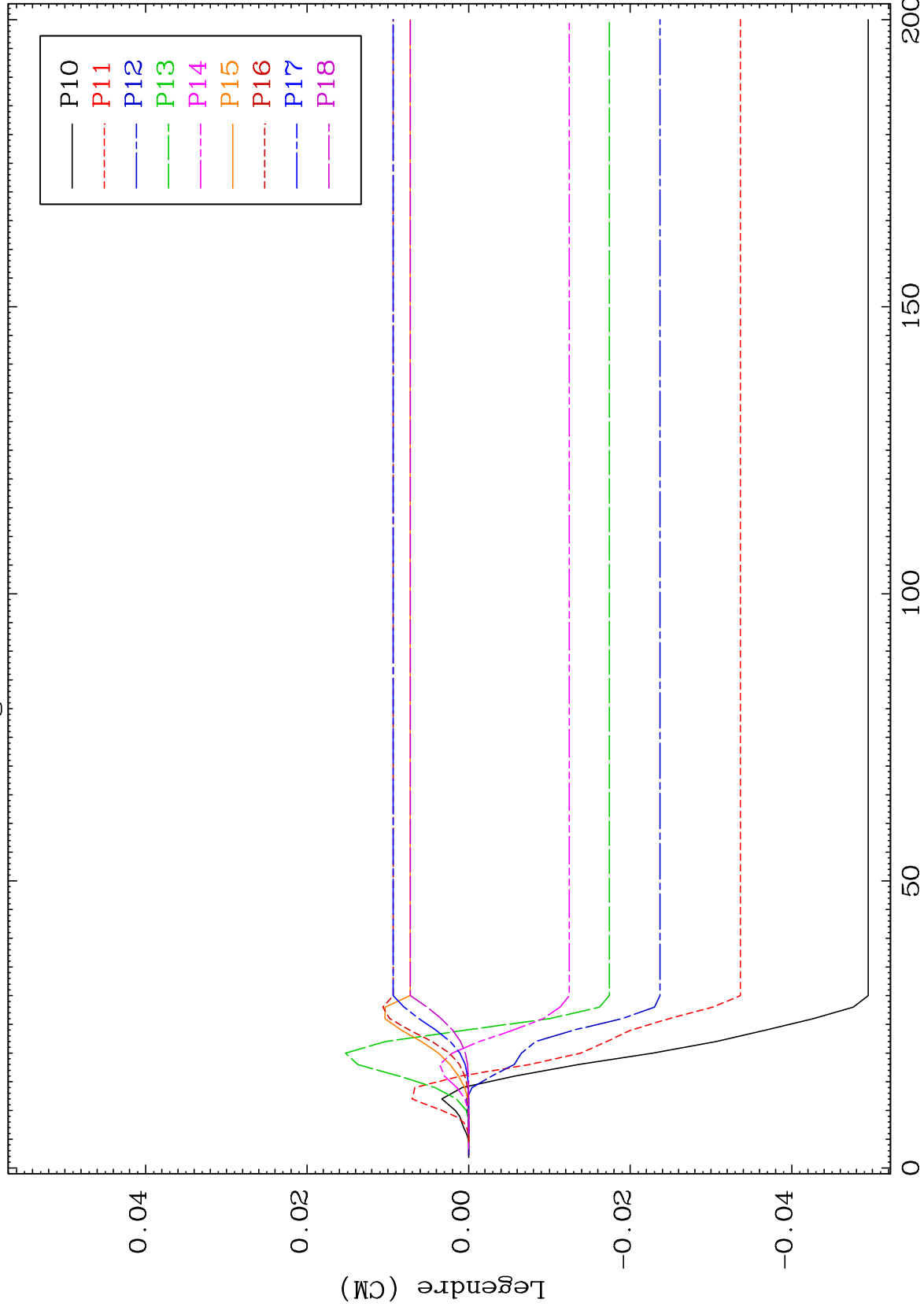
47-Ag-99



MAT 4701

MT= 55 (n,n') Level  
Legendre Coefficients

47-Ag-99



34

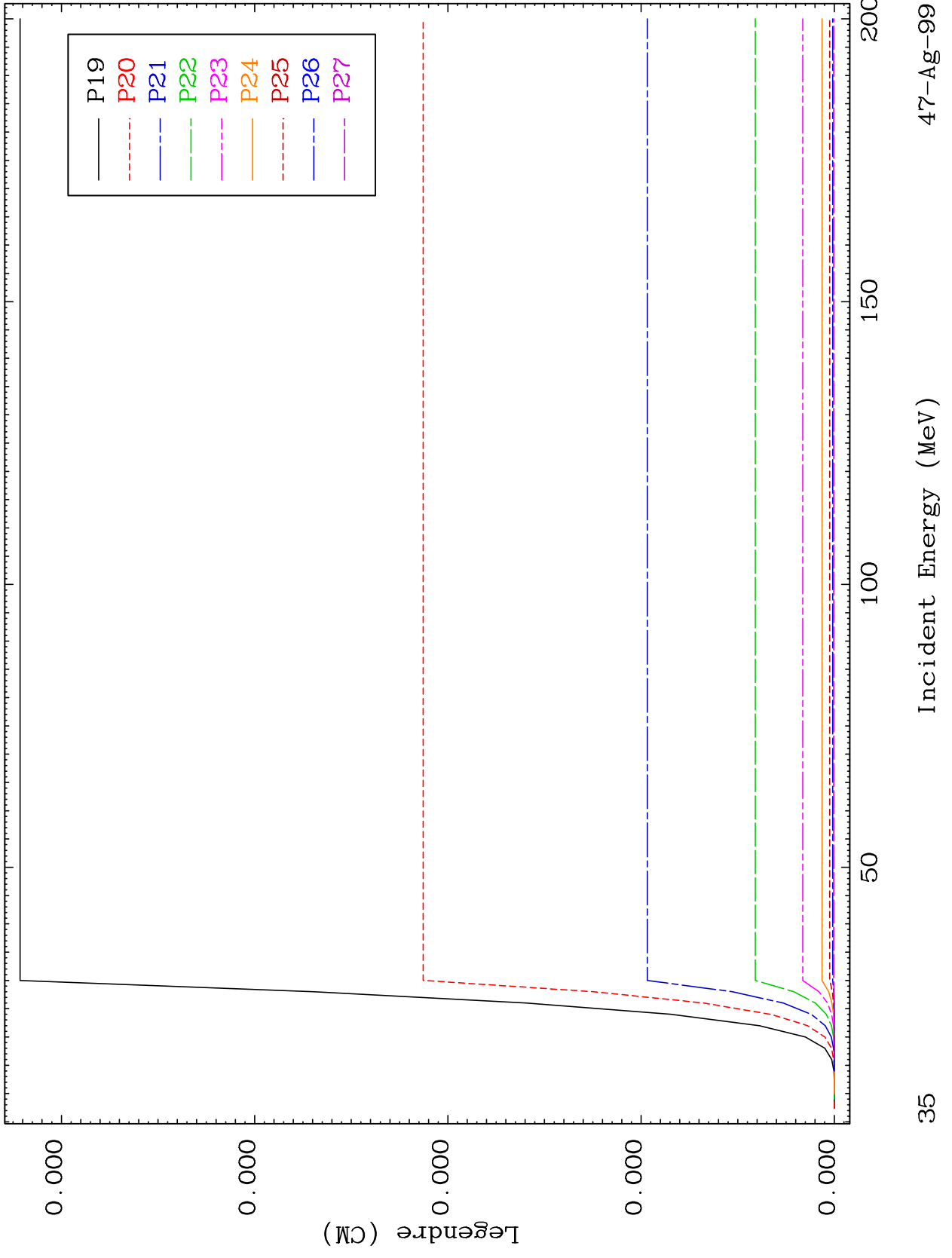
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 55 (n,n') Level  
Legendre Coefficients

47-Ag-99



35

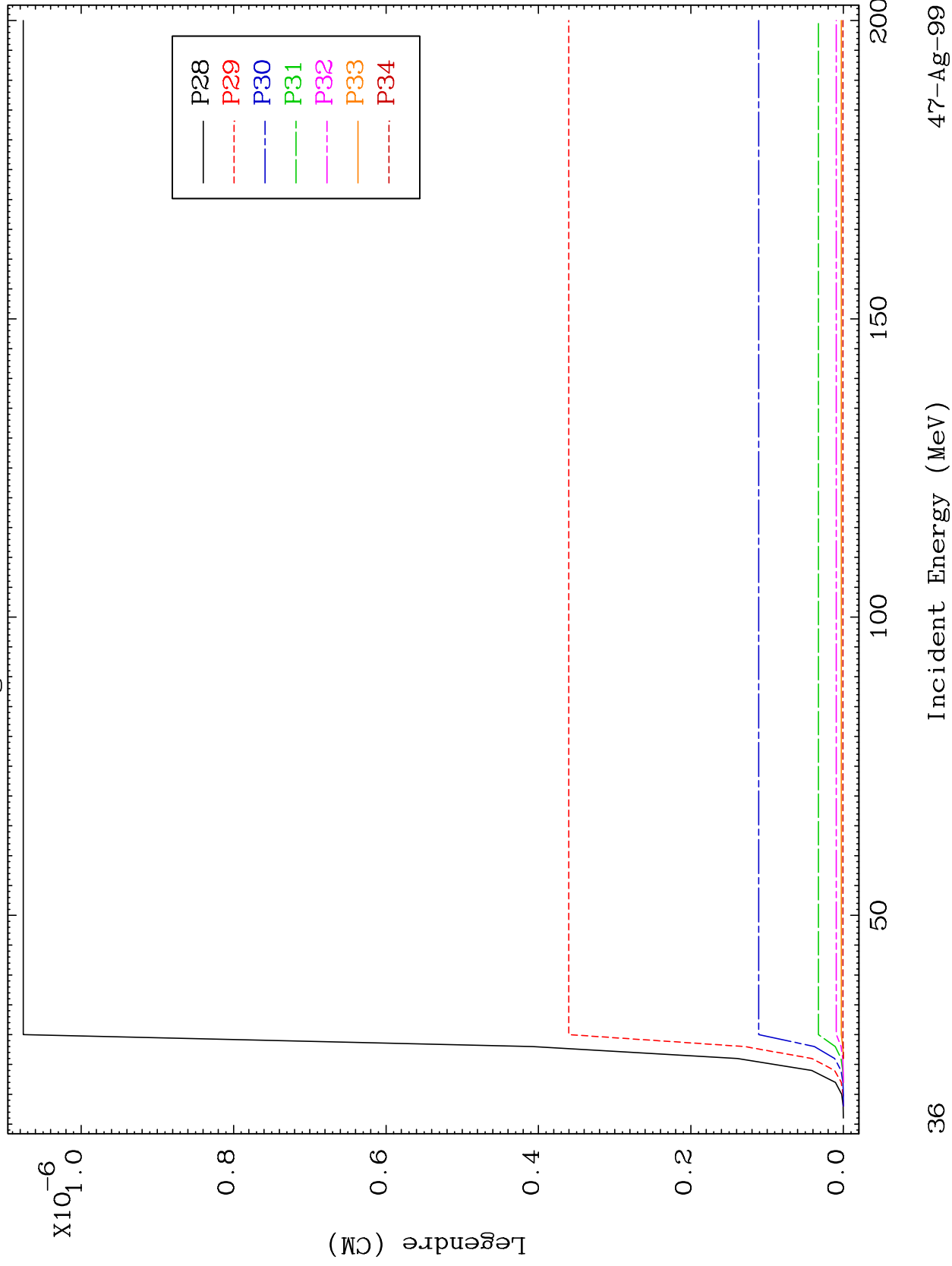
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 55 (n,n') Level  
Legendre Coefficients

47-Ag-99



36

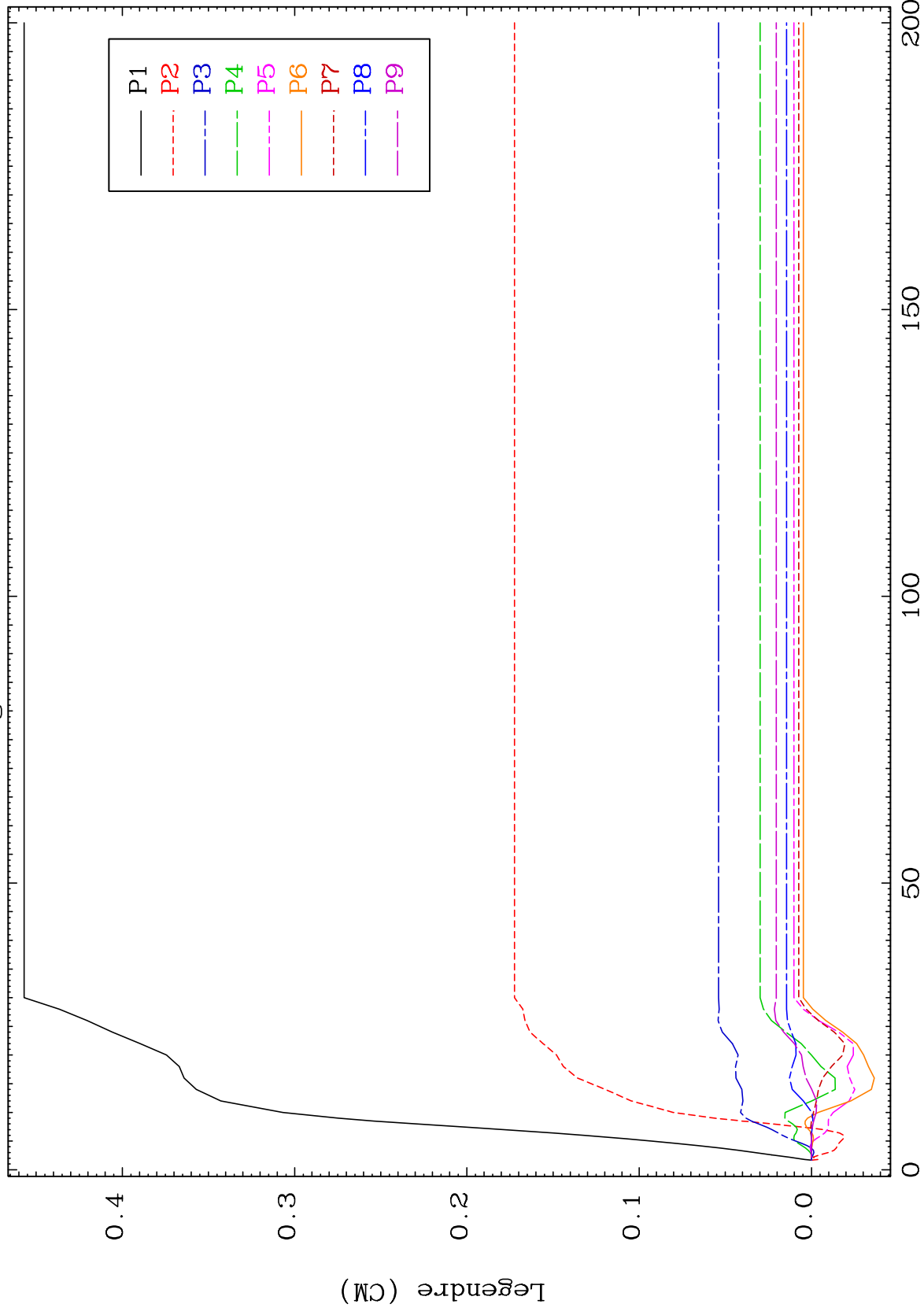
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 56 (n,n') Level  
Legendre Coefficients

47-Ag-99



37

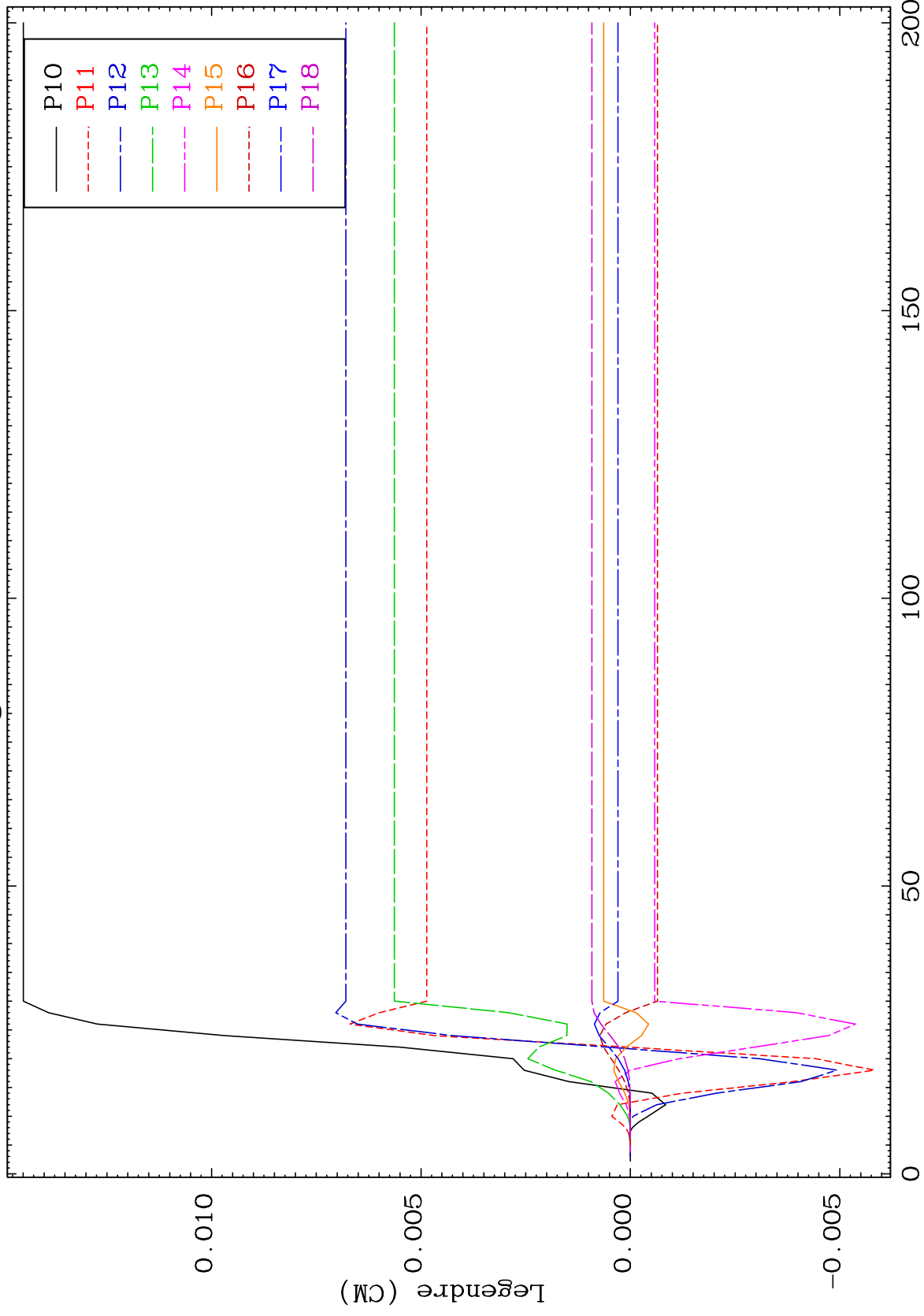
Incident Energy (MeV)

47-Ag-99

MAT 4701

MT= 56 (n,n') Level  
Legendre Coefficients

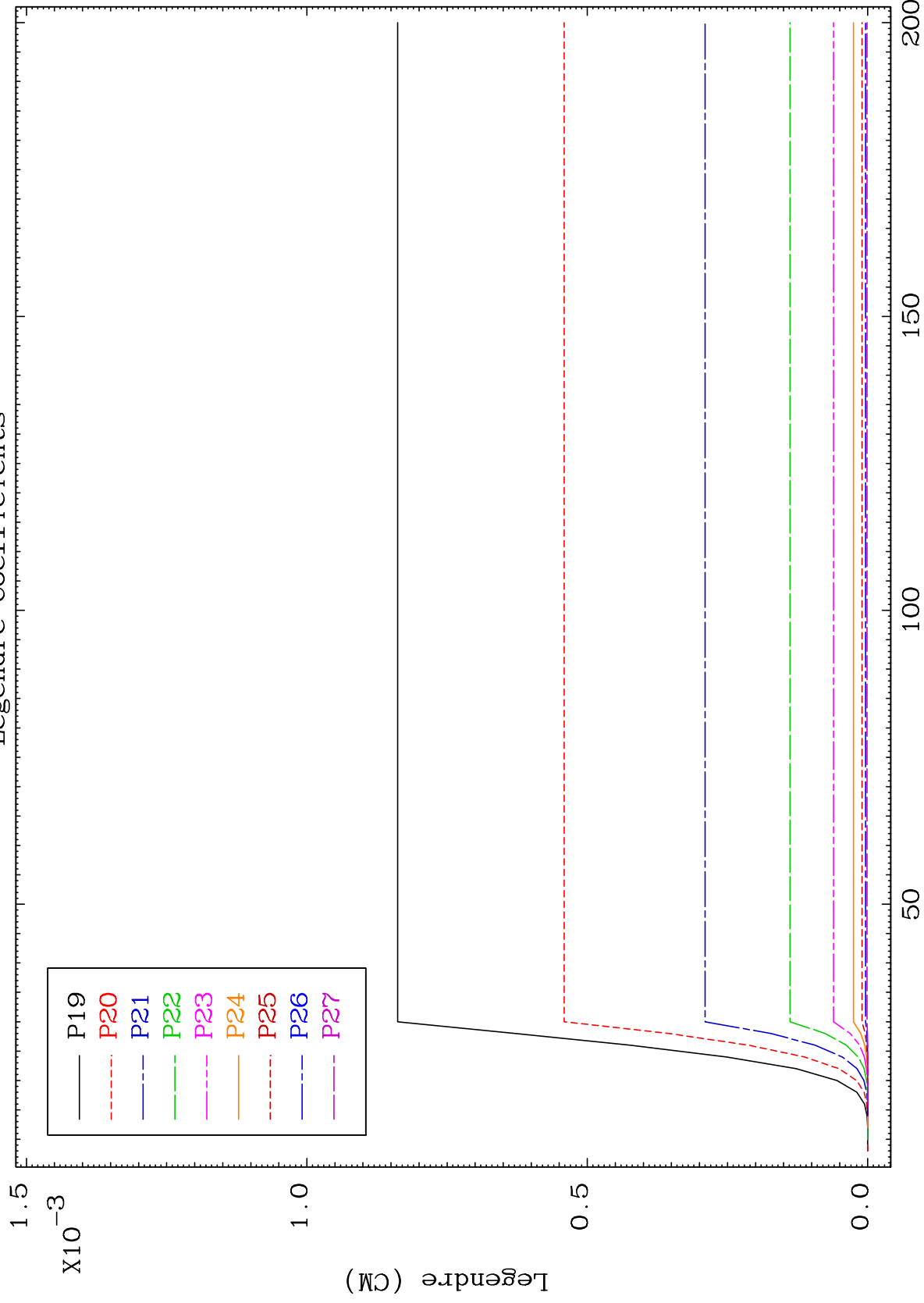
47-Ag-99



38

Incident Energy (MeV)

47-Ag-99

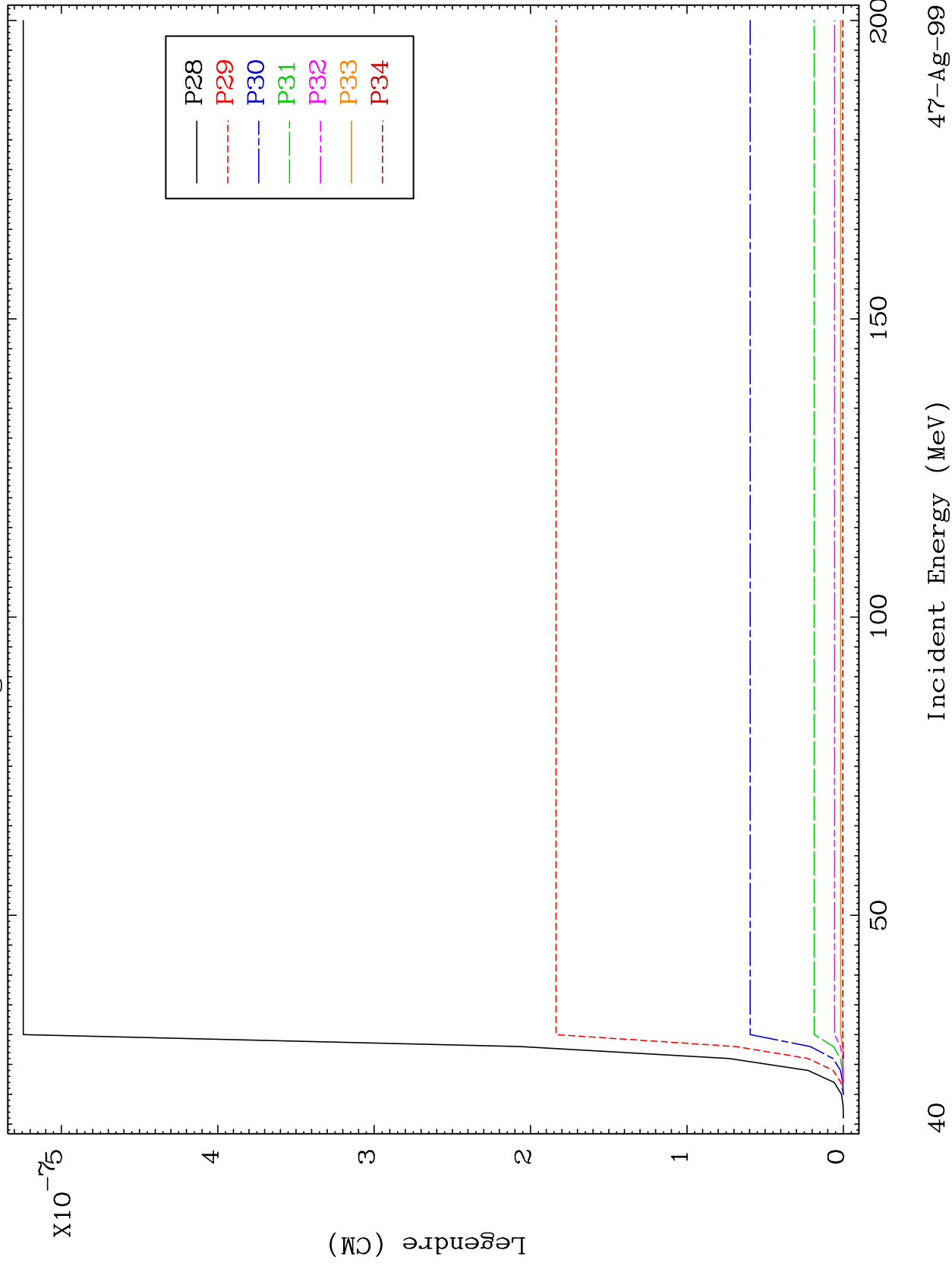




MAT 4701

MT= 56 (n,n') Level  
Legendre Coefficients

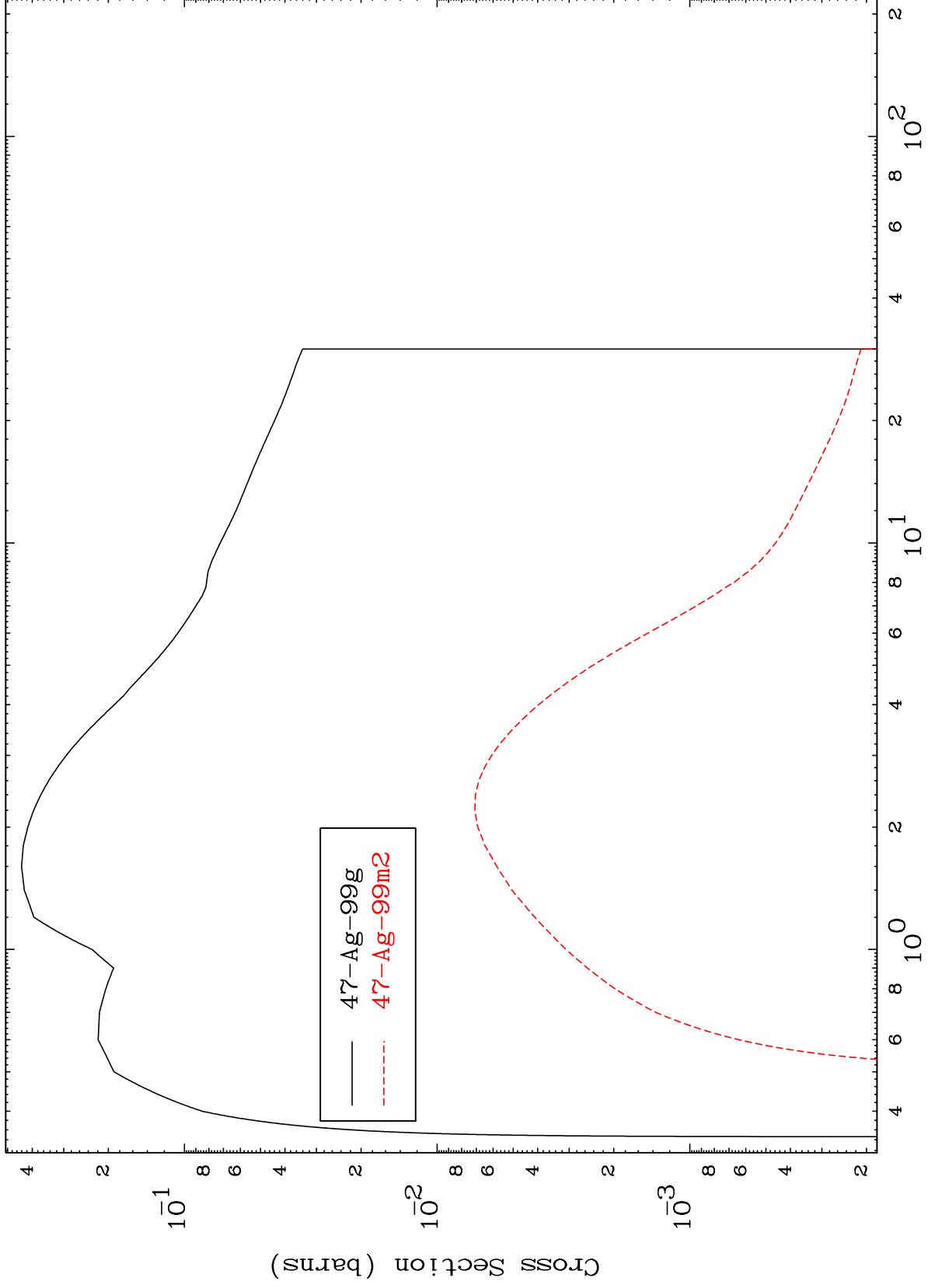
47-Ag-99



MAT 4701

47-Ag-99

Inelastic  
Radionuclide Production Cross Section



41

Incident Energy (MeV)

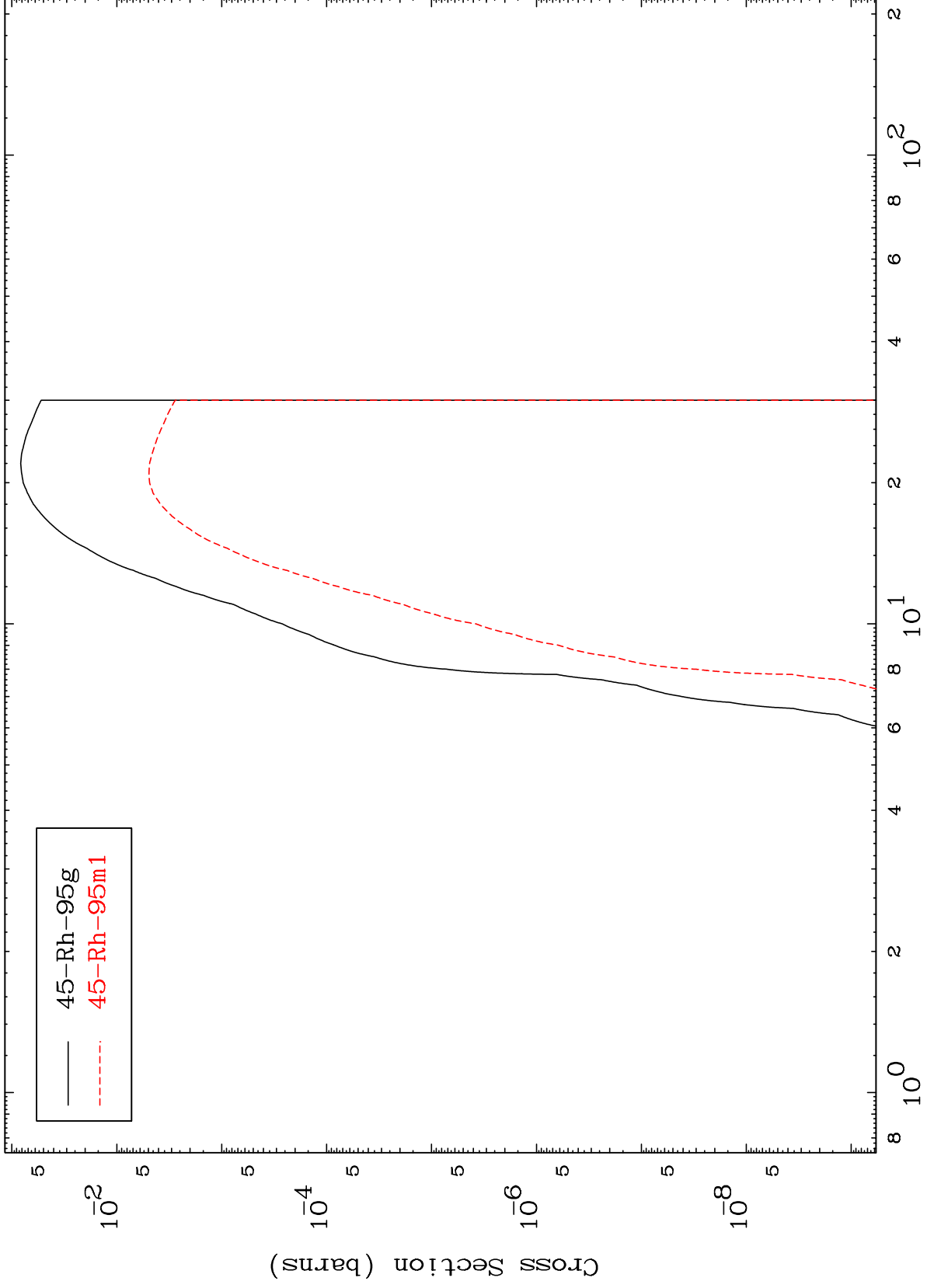
47-Ag-99

MAT 4701

(n,n')  $\alpha$

47-Ag-99

Radionuclide Production Cross Section



42

Incident Energy (MeV)

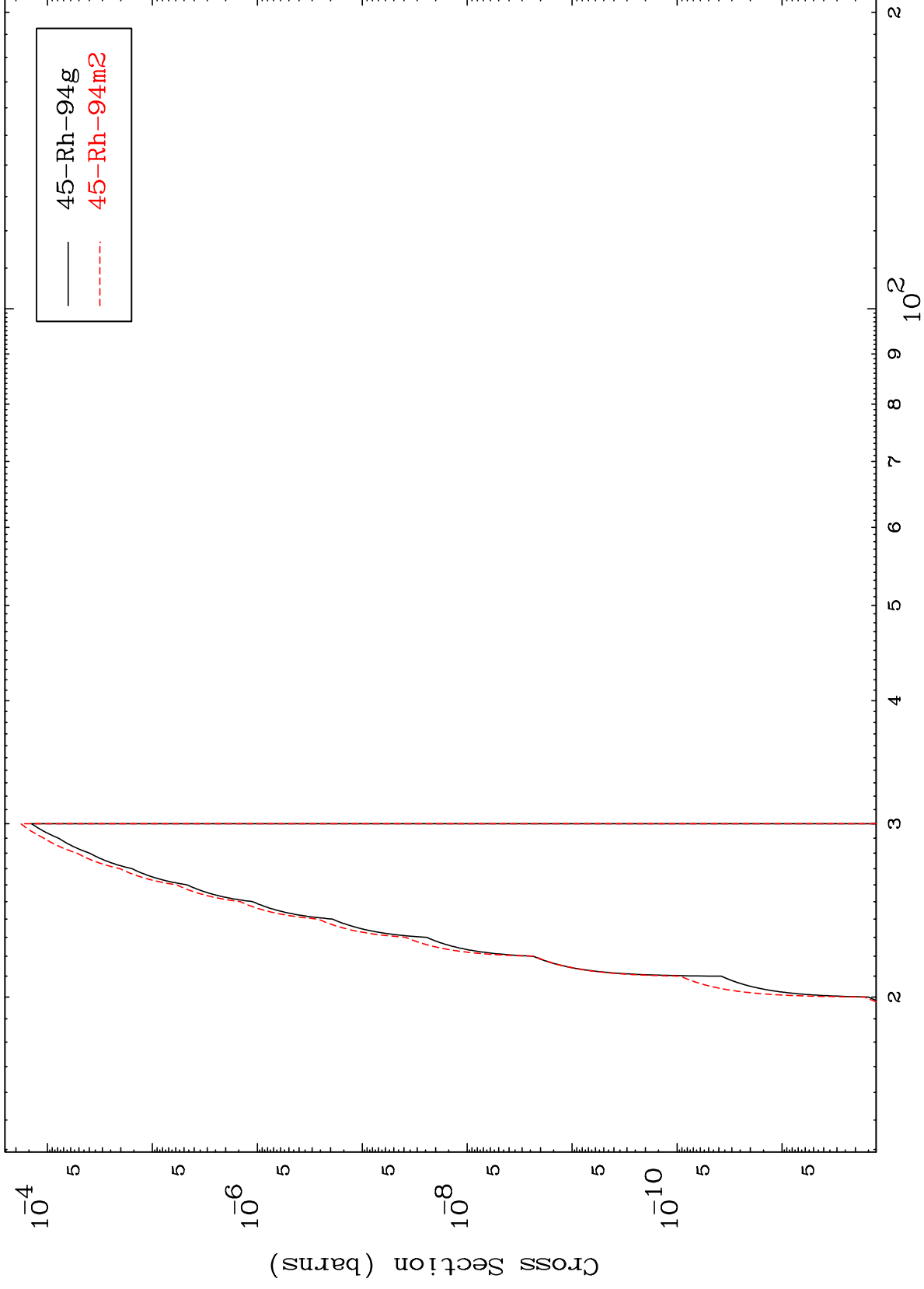
47-Ag-99

MAT 4701

(n,2n)  $\alpha$

47-Ag-99

Radionuclide Production Cross Section



43

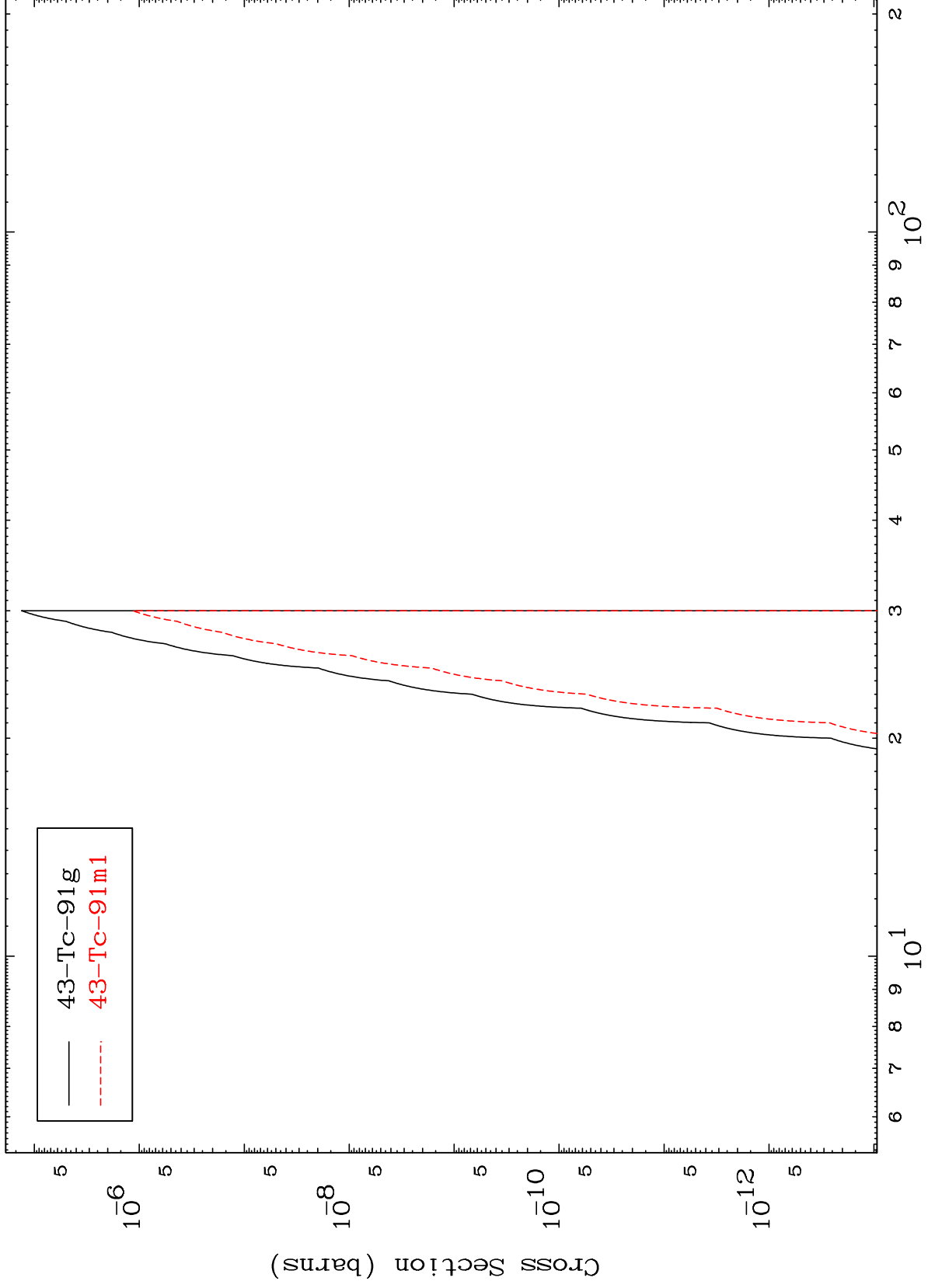
Incident Energy (MeV)

47-Ag-99

MAT 4701

47-Ag-99

(n,n') 2α  
Radionuclide Production Cross Section



44

Incident Energy (MeV)

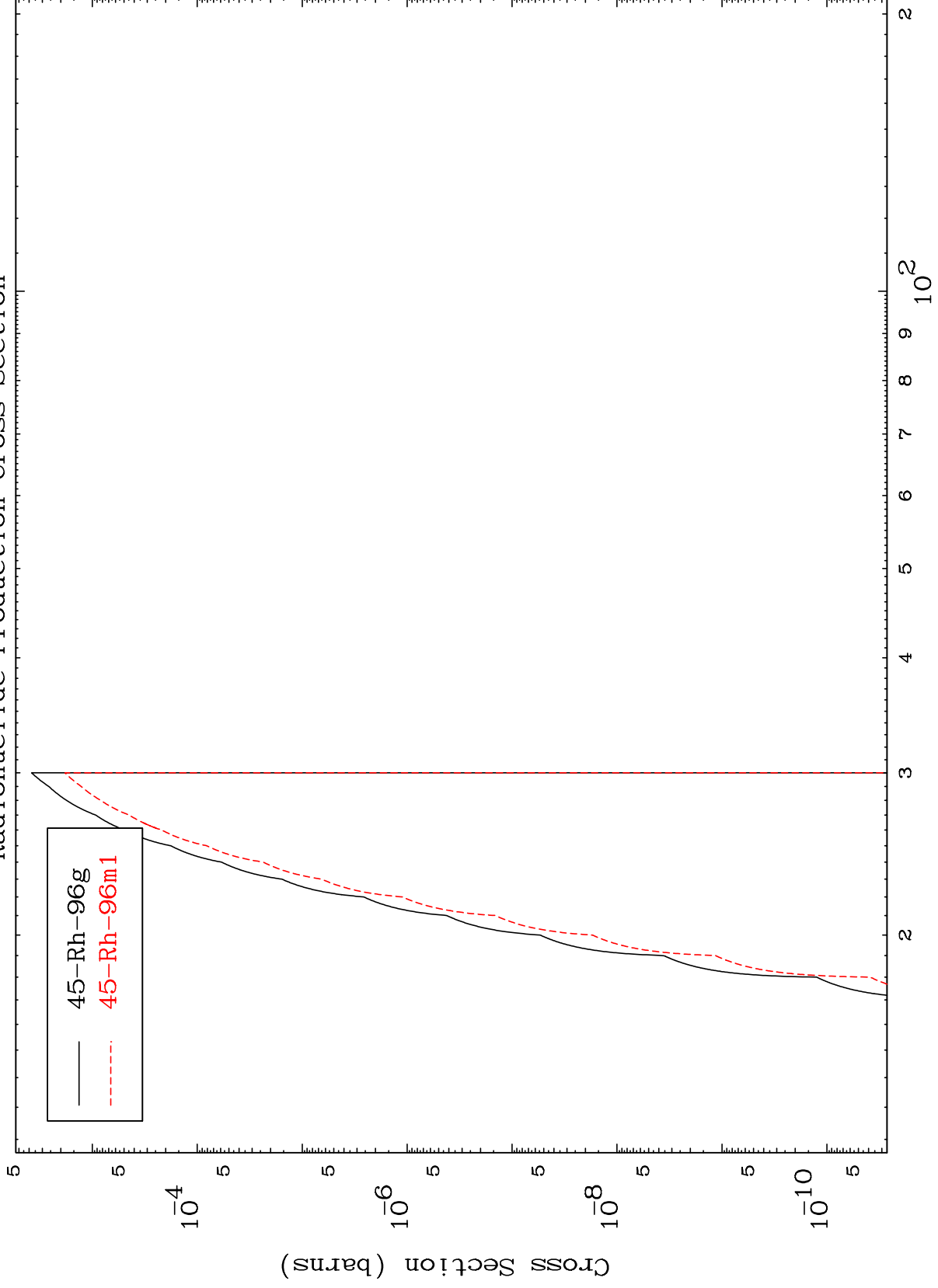
47-Ag-99

MAT 4701

(n,n') He-3

47-Ag-99

Radionuclide Production Cross Section



45

Incident Energy (MeV)

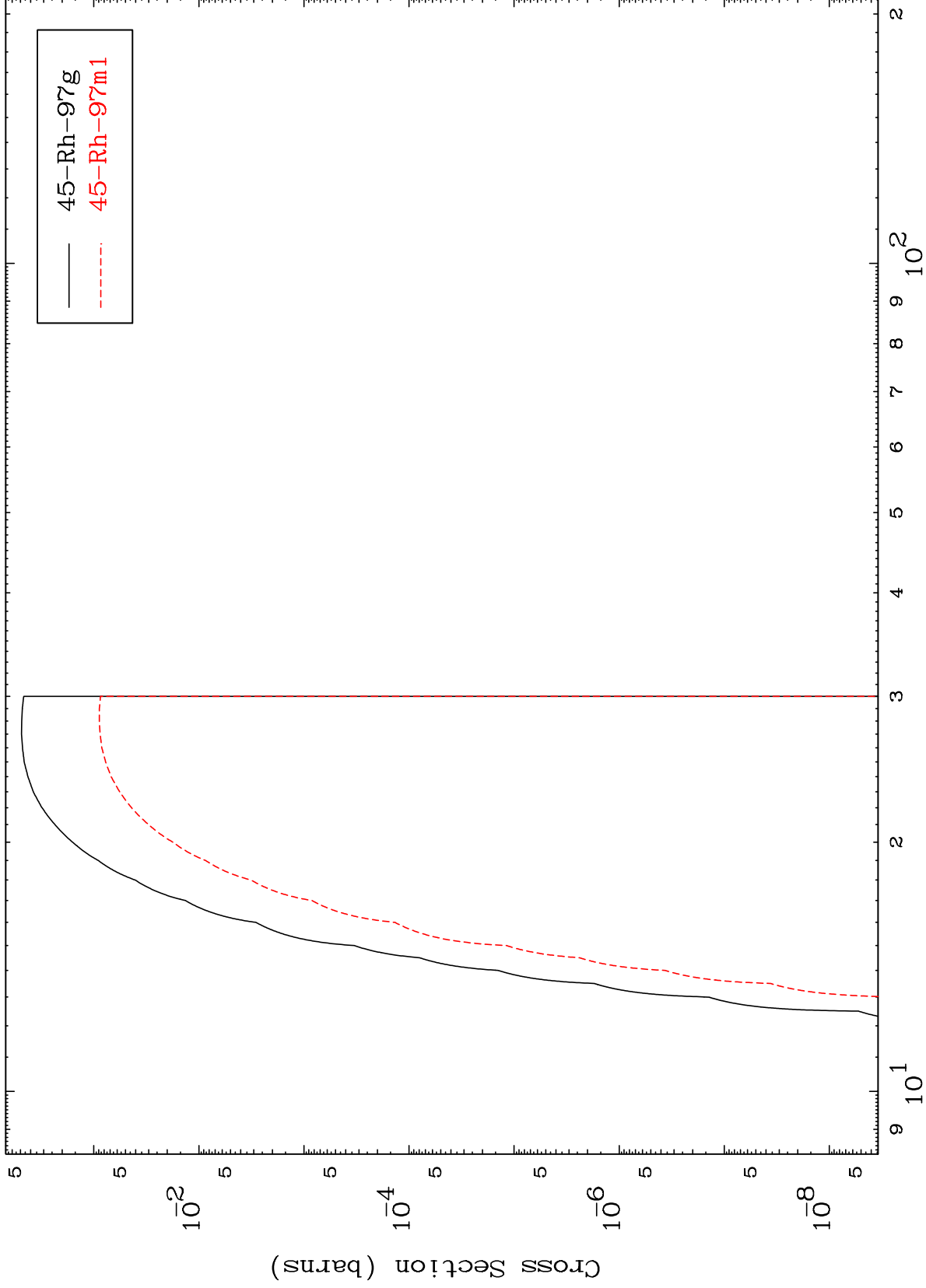
47-Ag-99

MAT 4701

(n,2n) p

47-Ag-99

Radionuclide Production Cross Section



46

Incident Energy (MeV)

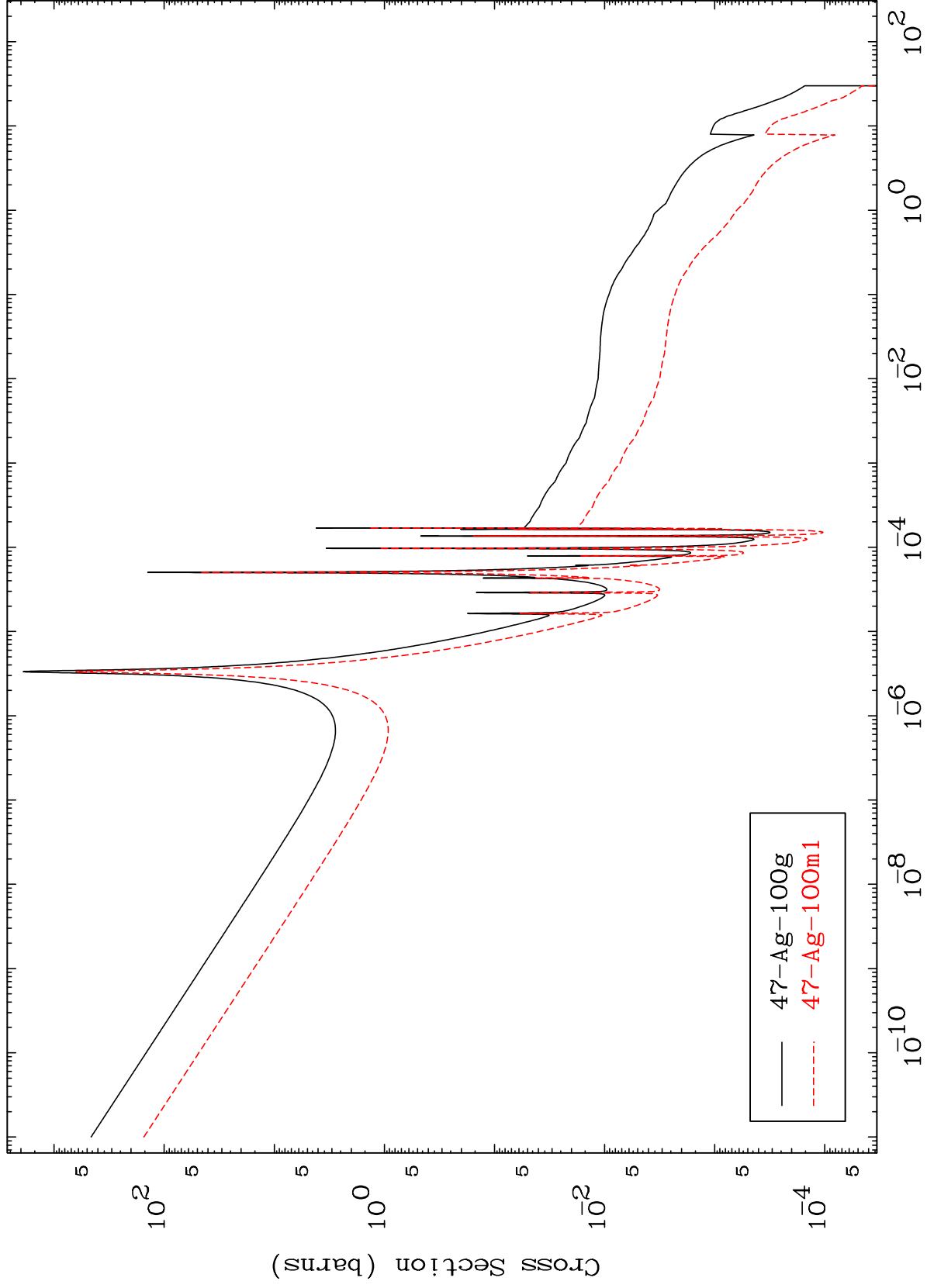
47-Ag-99

MAT 4701

47-Ag-99

Radionuclide Production Cross Section

(n,  $\gamma$ )



47

Incident Energy (MeV)

47-Ag-99

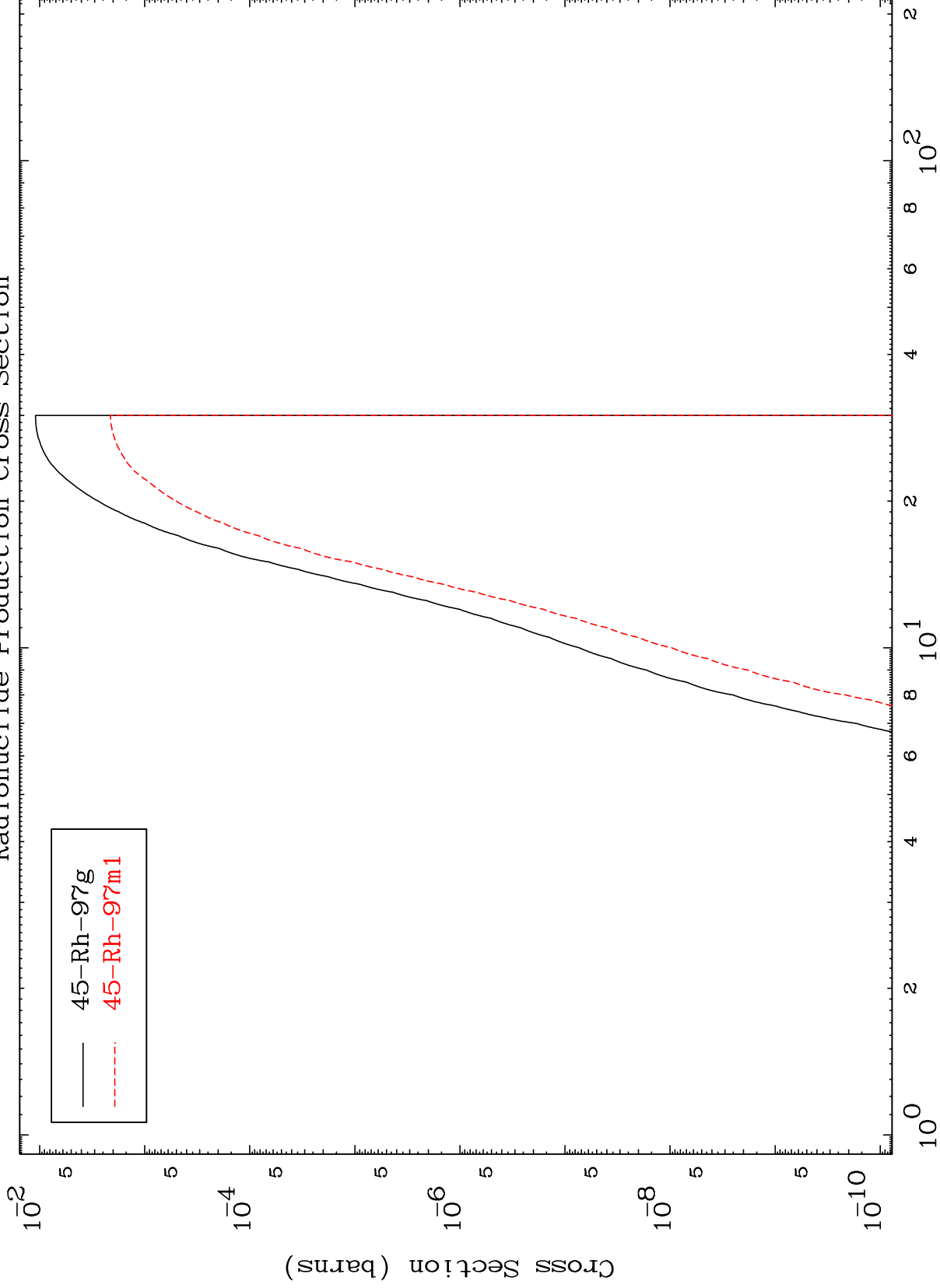


MAT 4701

(n,He-3)

47-Ag-99

Radionuclide Production Cross Section

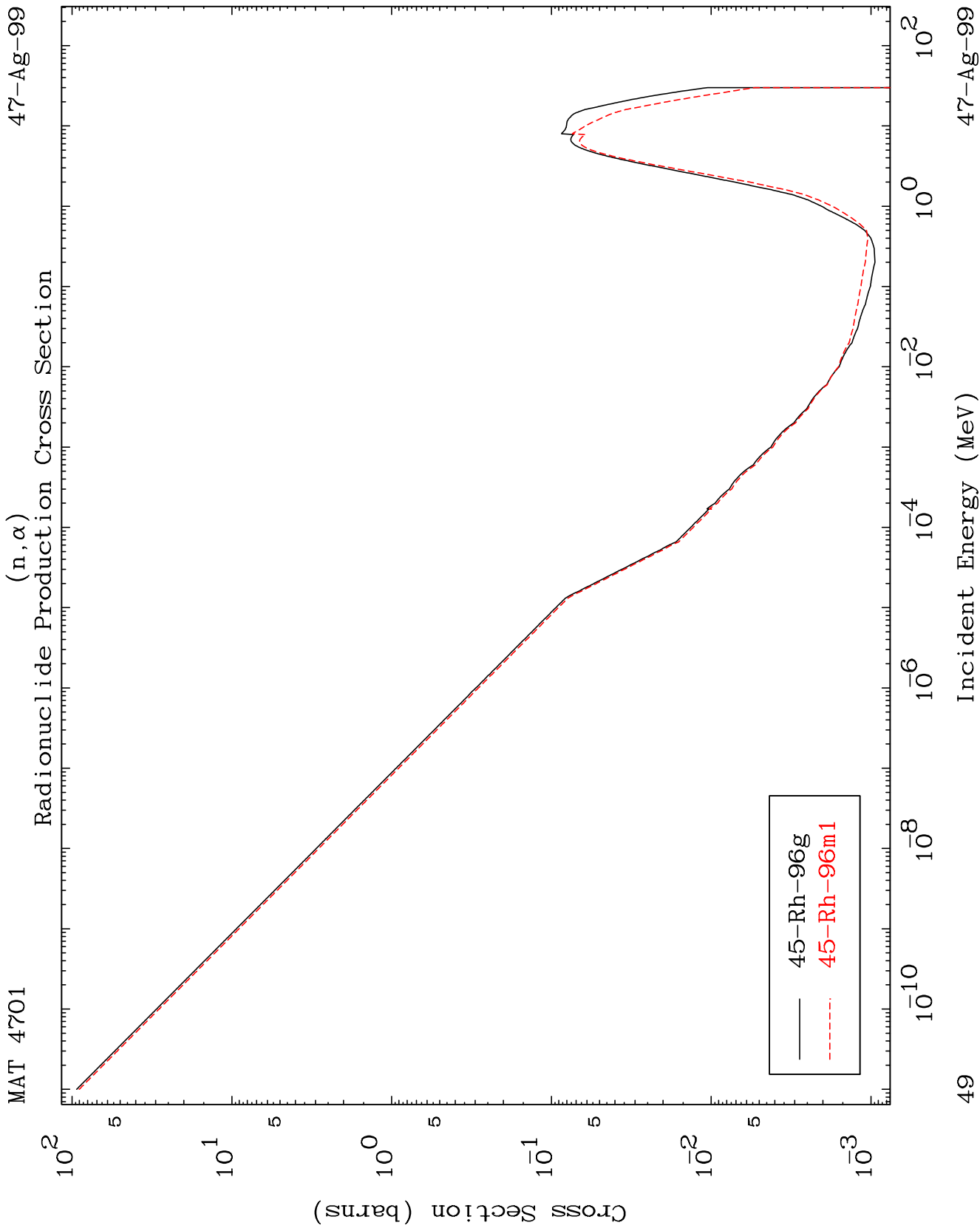


45-Rh-97g  
45-Rh-97m1

Incident Energy (MeV)

47-Ag-99

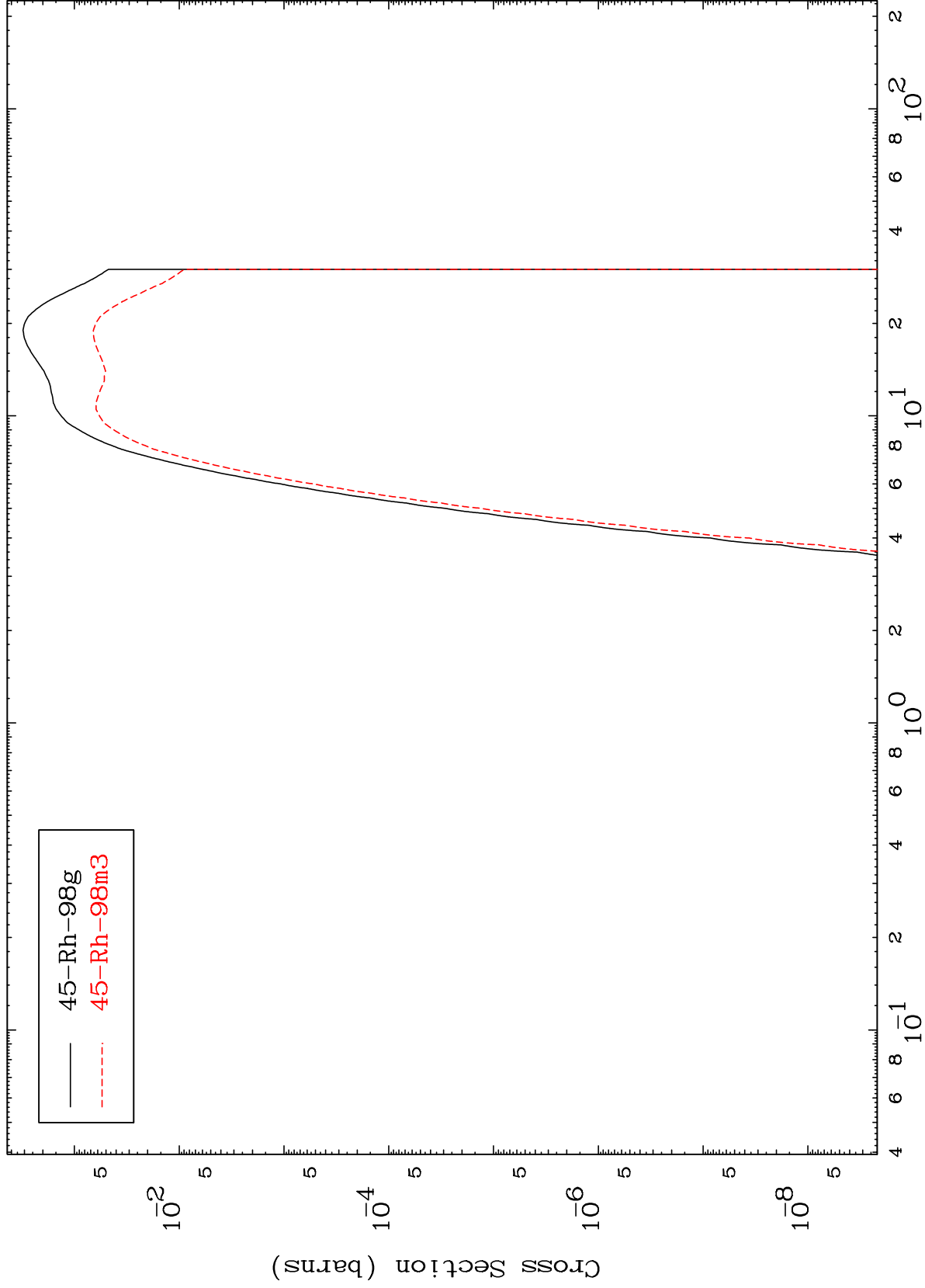
48



MAT 4701

47-Ag-99

Radionuclide Production Cross Section  
(n,2p)



— 45-Rh-98g  
- - - 45-Rh-98m3

50

Incident Energy (MeV)

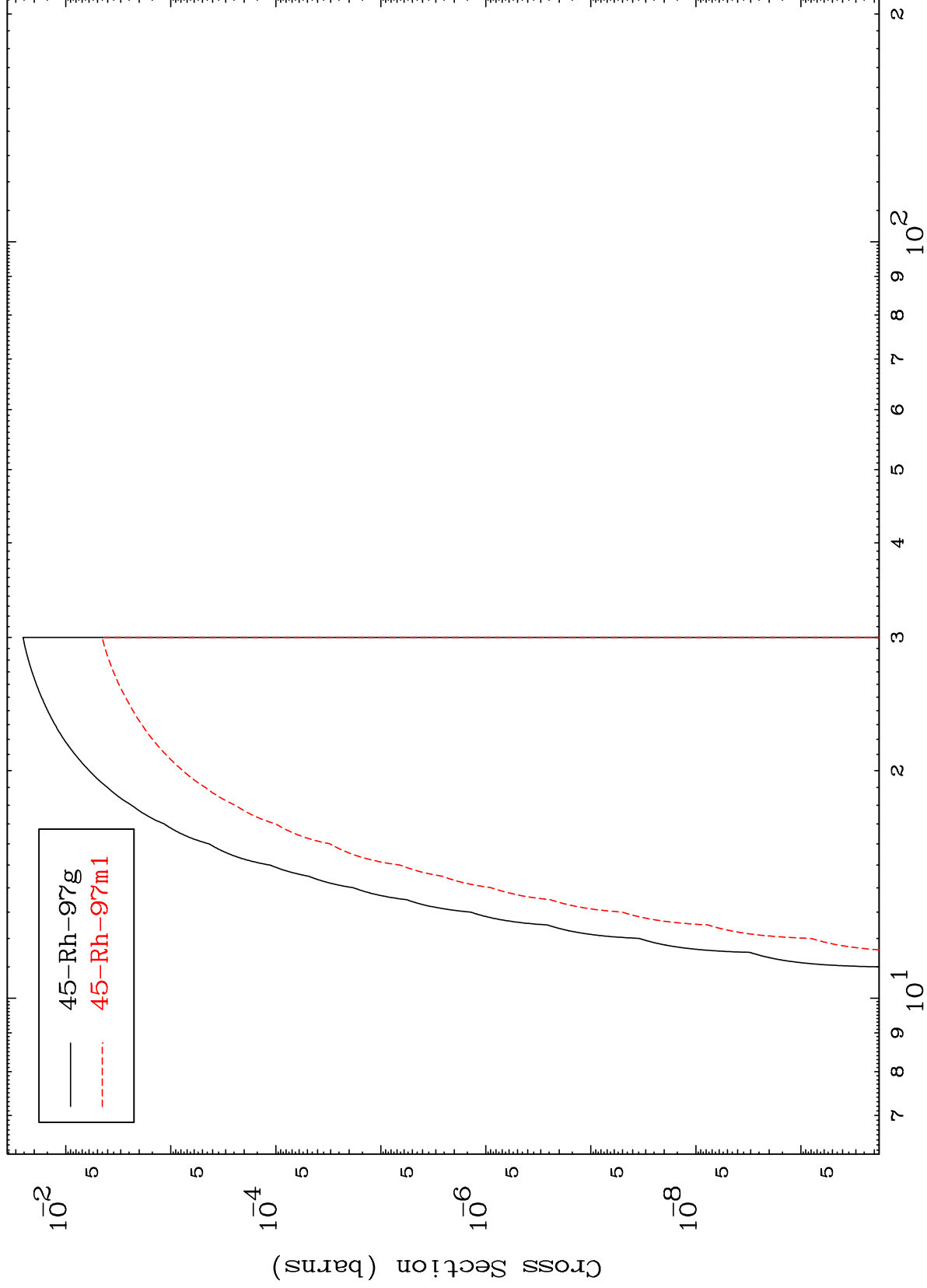
47-Ag-99

MAT 4701

(n,p) d

47-Ag-99

Radionuclide Production Cross Section



51

47-Ag-99

