

Program EVALPLOT  
(Version 2021-1)

by

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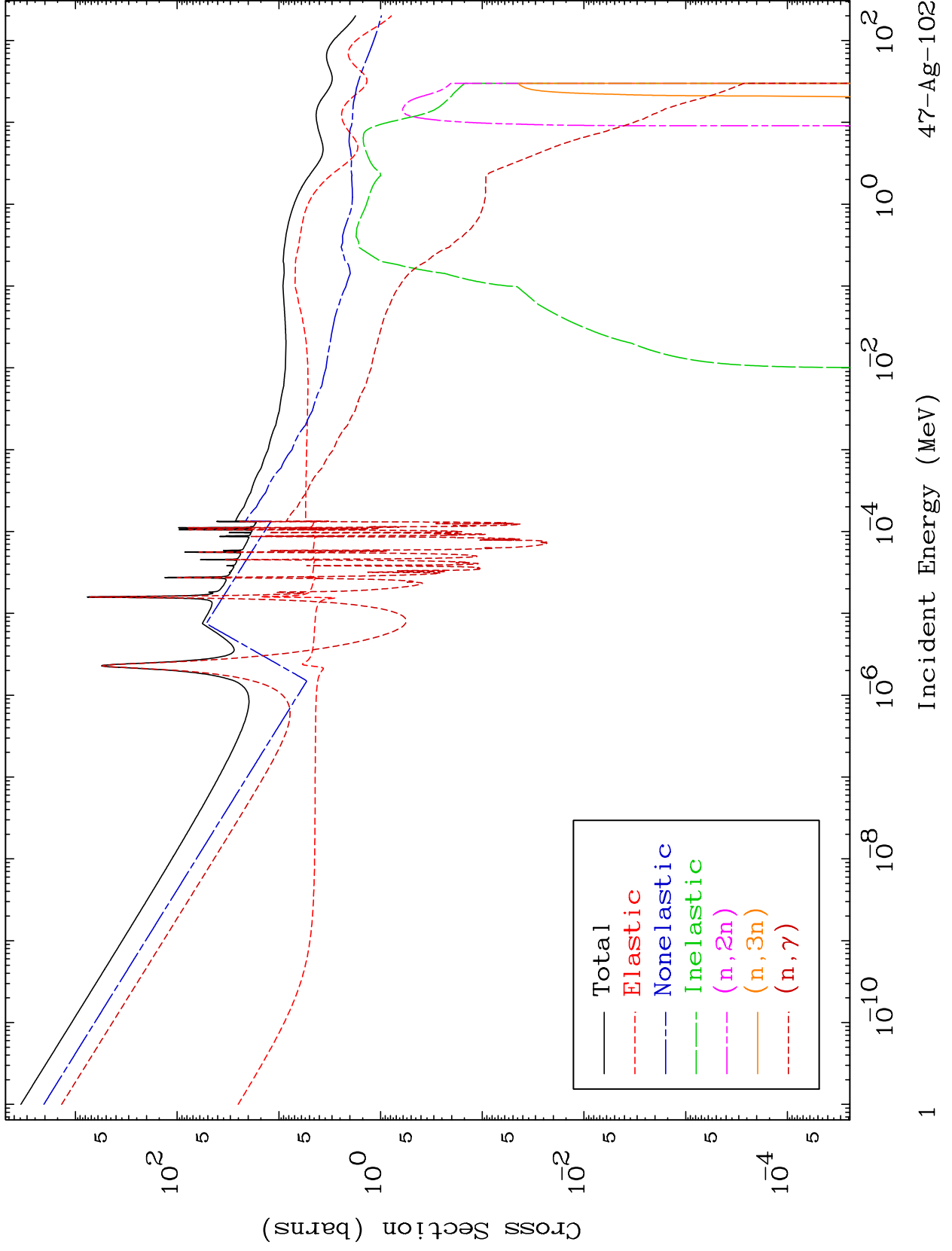
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4710

Neutron Major  
293 Kelvin Cross Sections

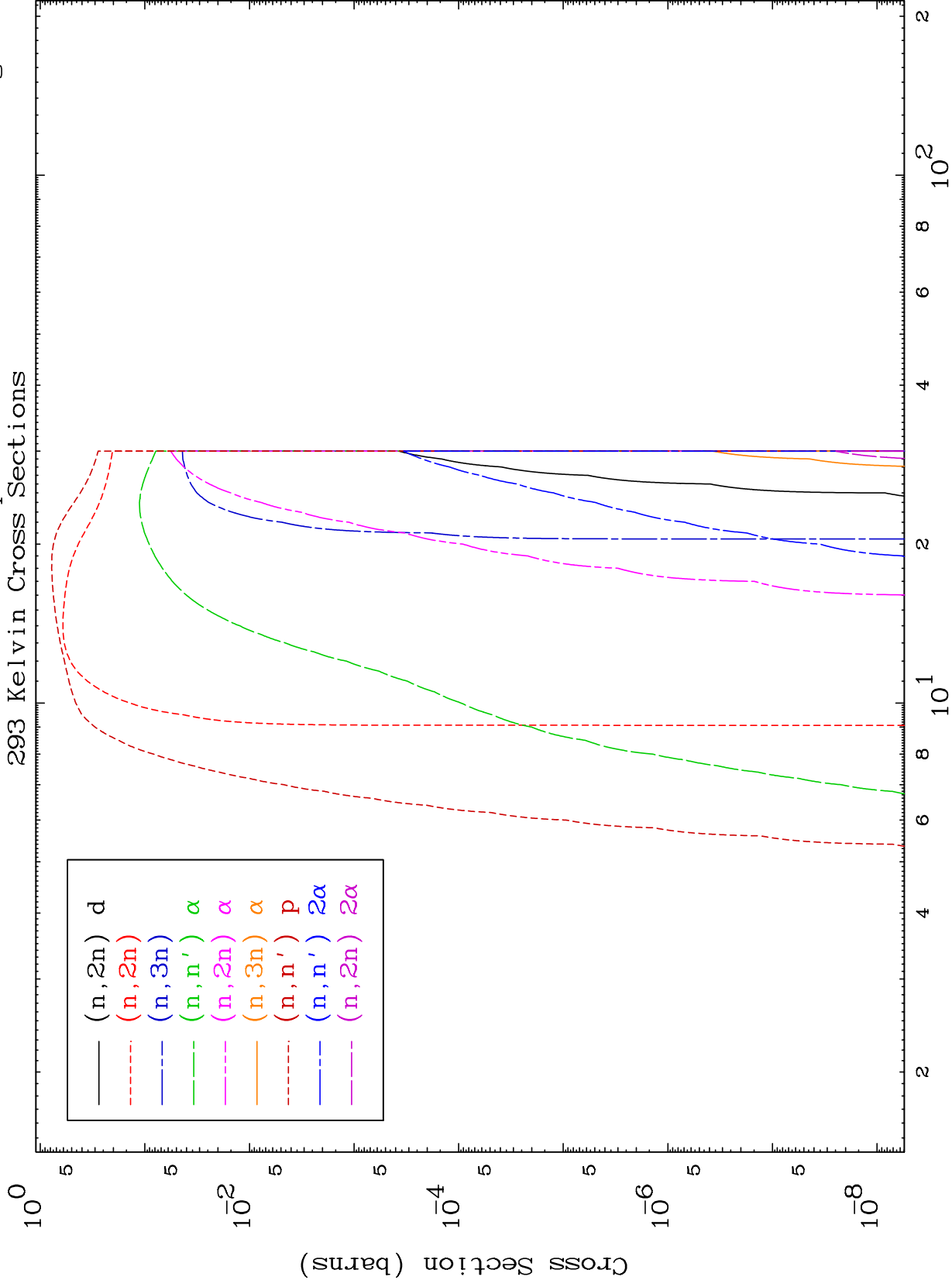
47-Ag-102



MAT 4710

Neutron Absorption  
293 Kelvin Cross Sections

47-Ag-102



2

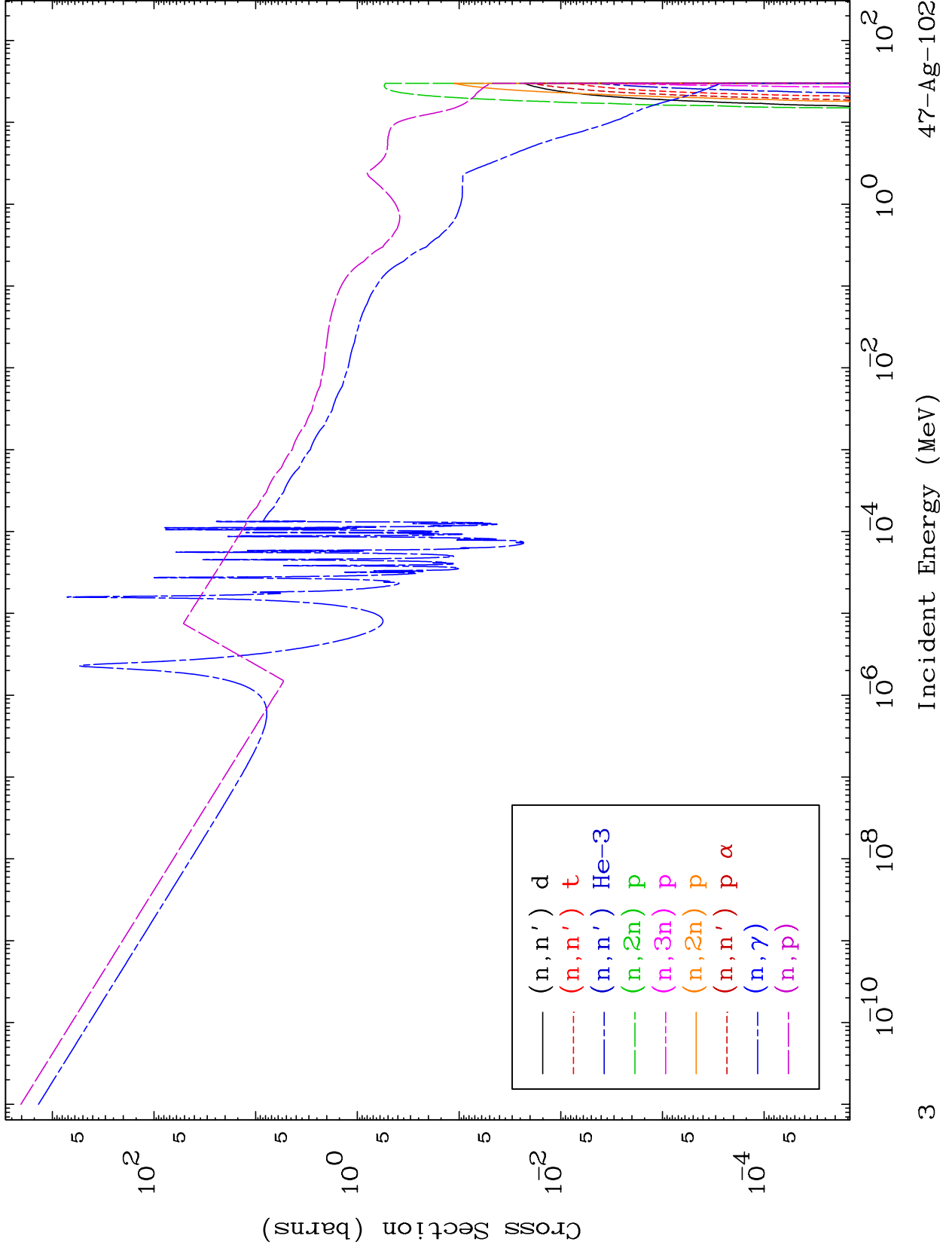
Incident Energy (MeV)

47-Ag-102

MAT 4710

Neutron Absorption  
293 Kelvin Cross Sections

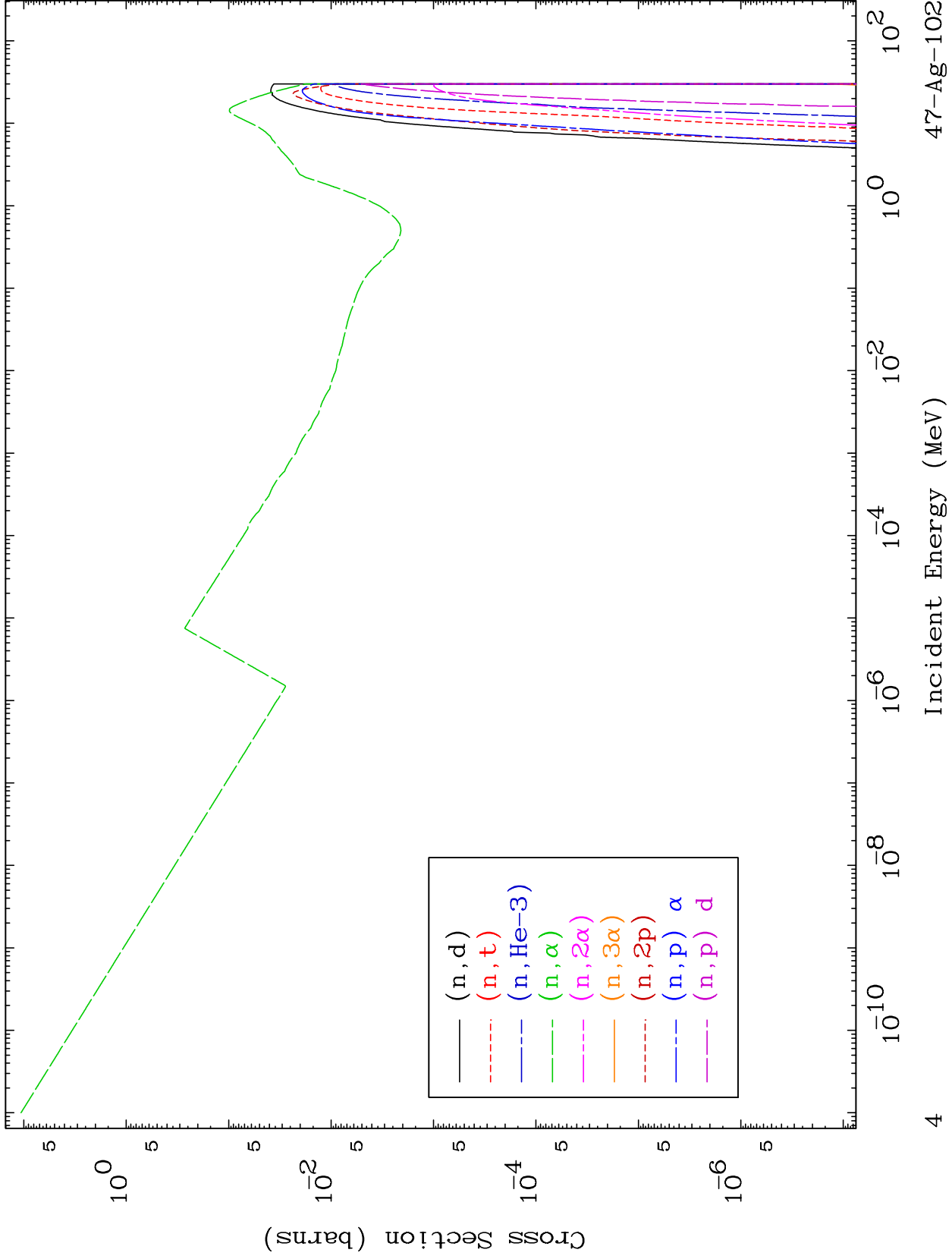
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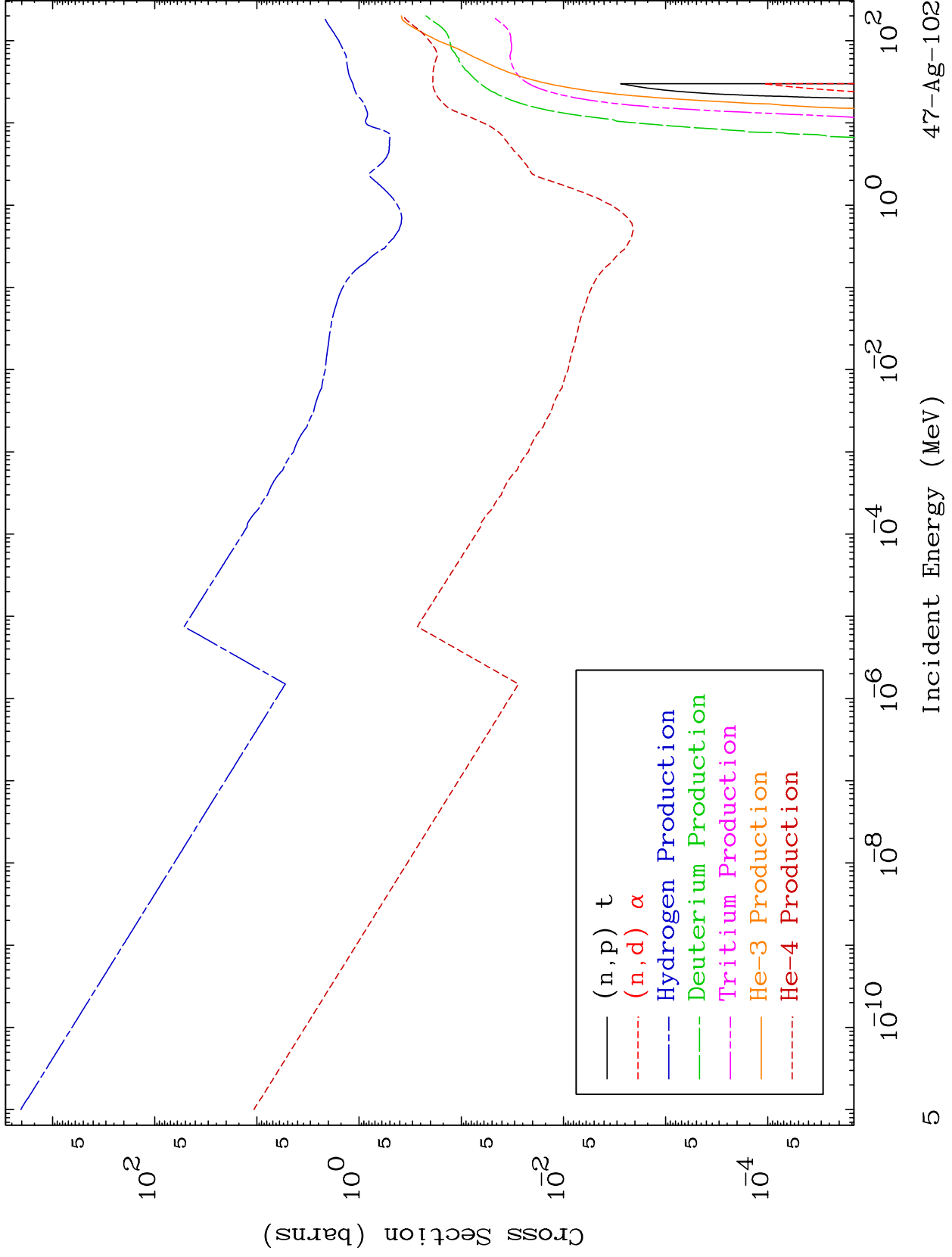


MAT 4710

Neutron Absorption  
293 Kelvin Cross Sections

47-Ag-102

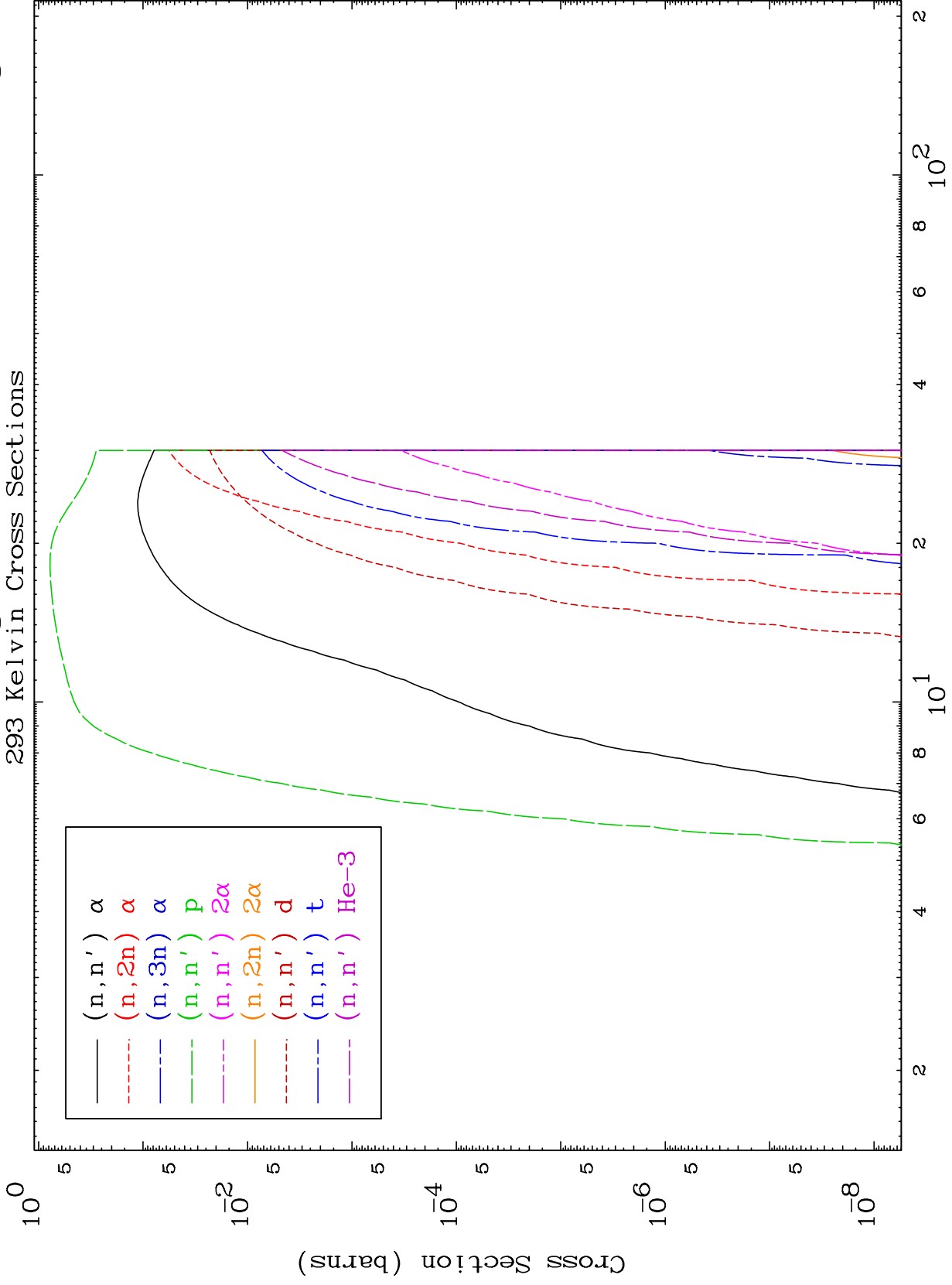




MAT 4710

Charged Particle  
293 Kelvin Cross Sections

47-Ag-102



6

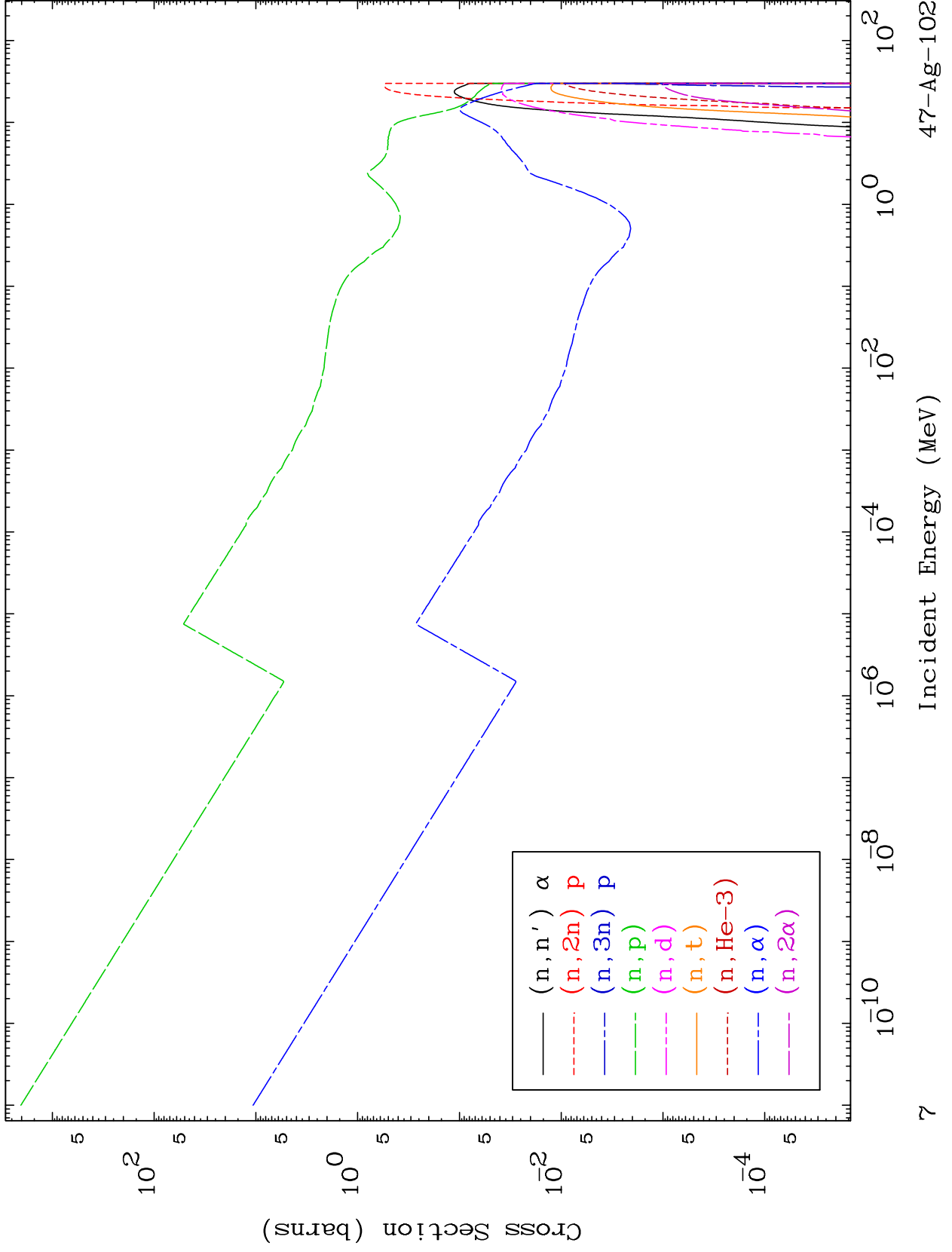
Incident Energy (MeV)

47-Ag-102

MAT 4710

Charged Particle  
293 Kelvin Cross Sections

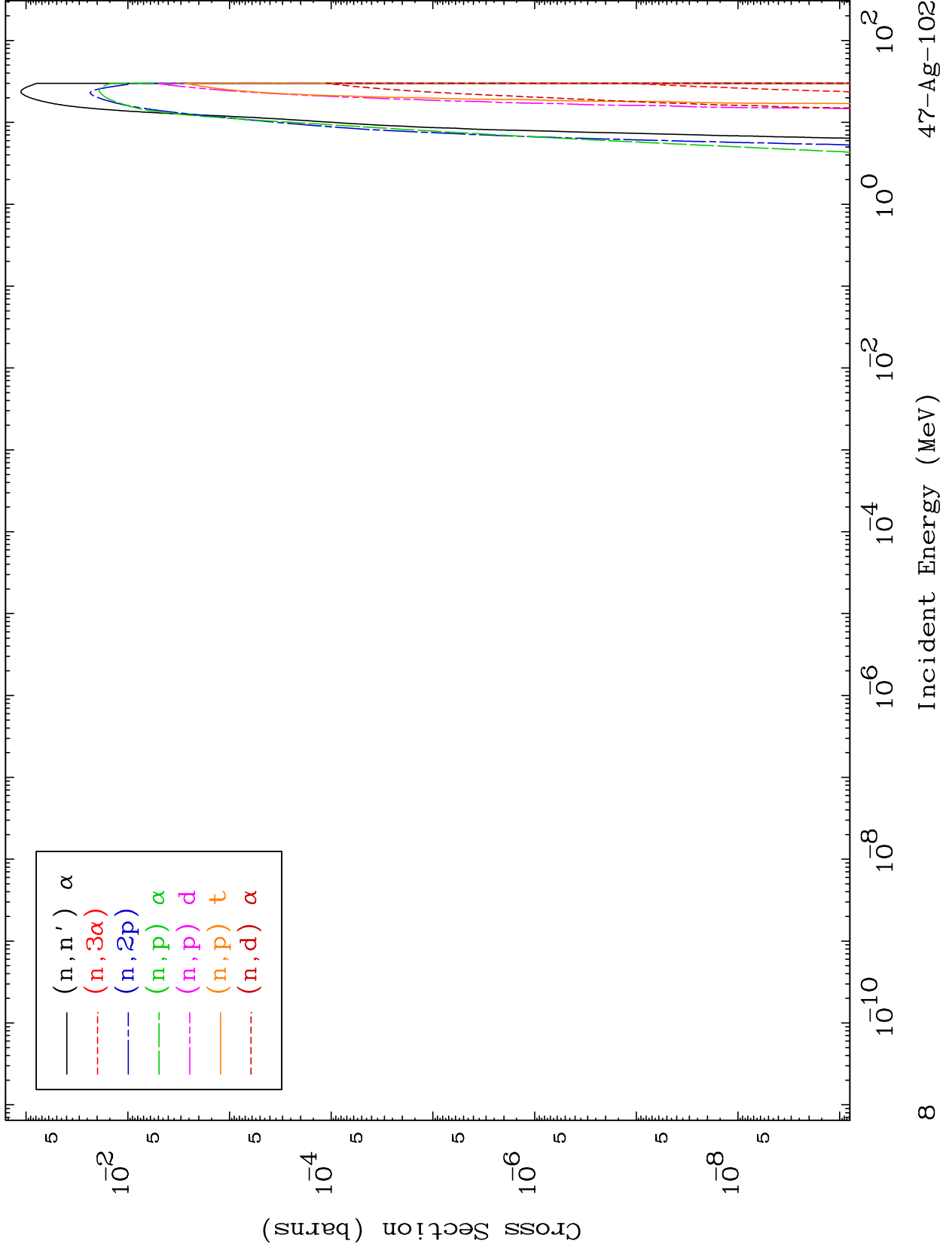
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MAT 4710

Charged Particle  
293 Kelvin Cross Sections

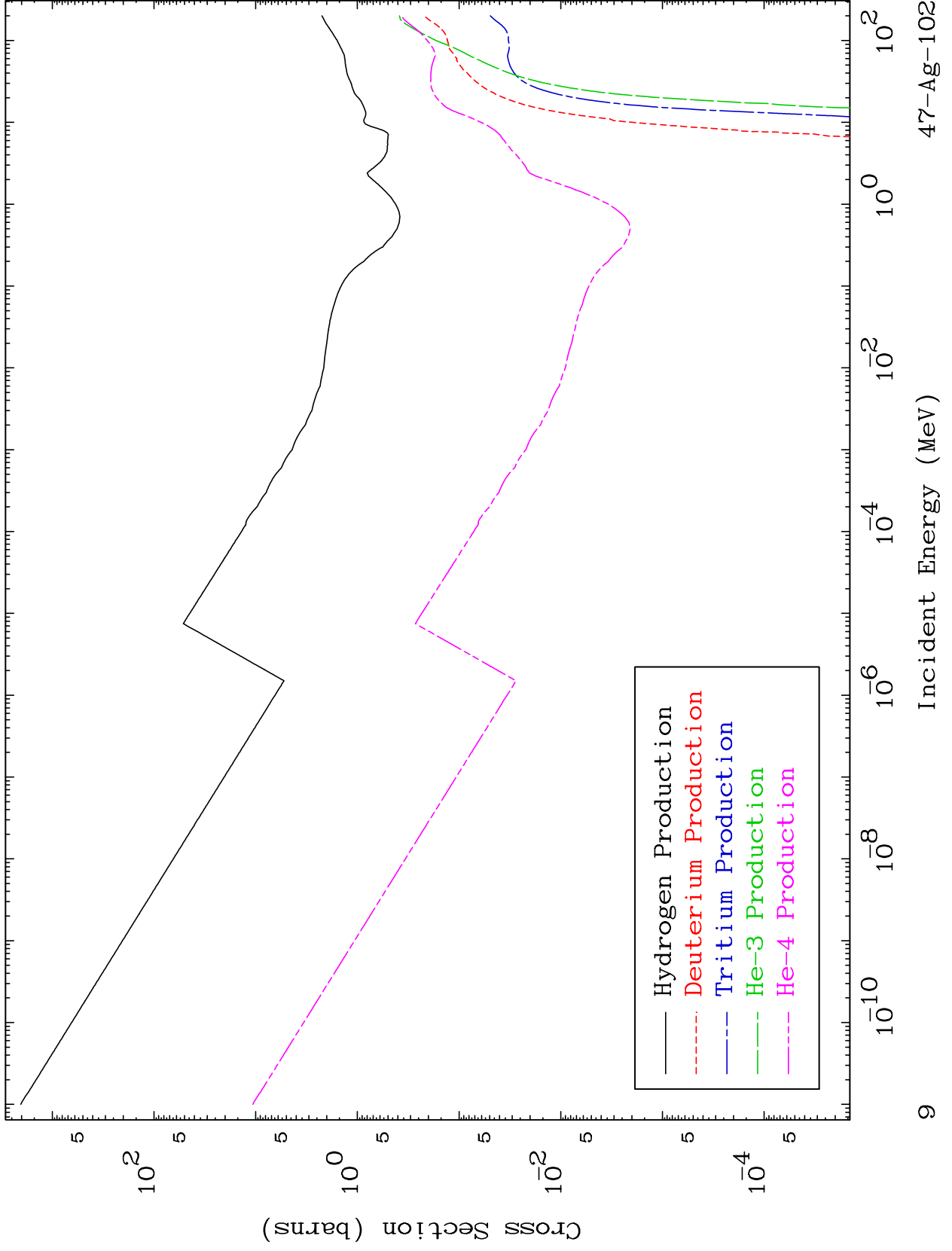
47-Ag-102



MAT 4710

Particle Production  
293 Kelvin Cross Sections

47-Ag-102

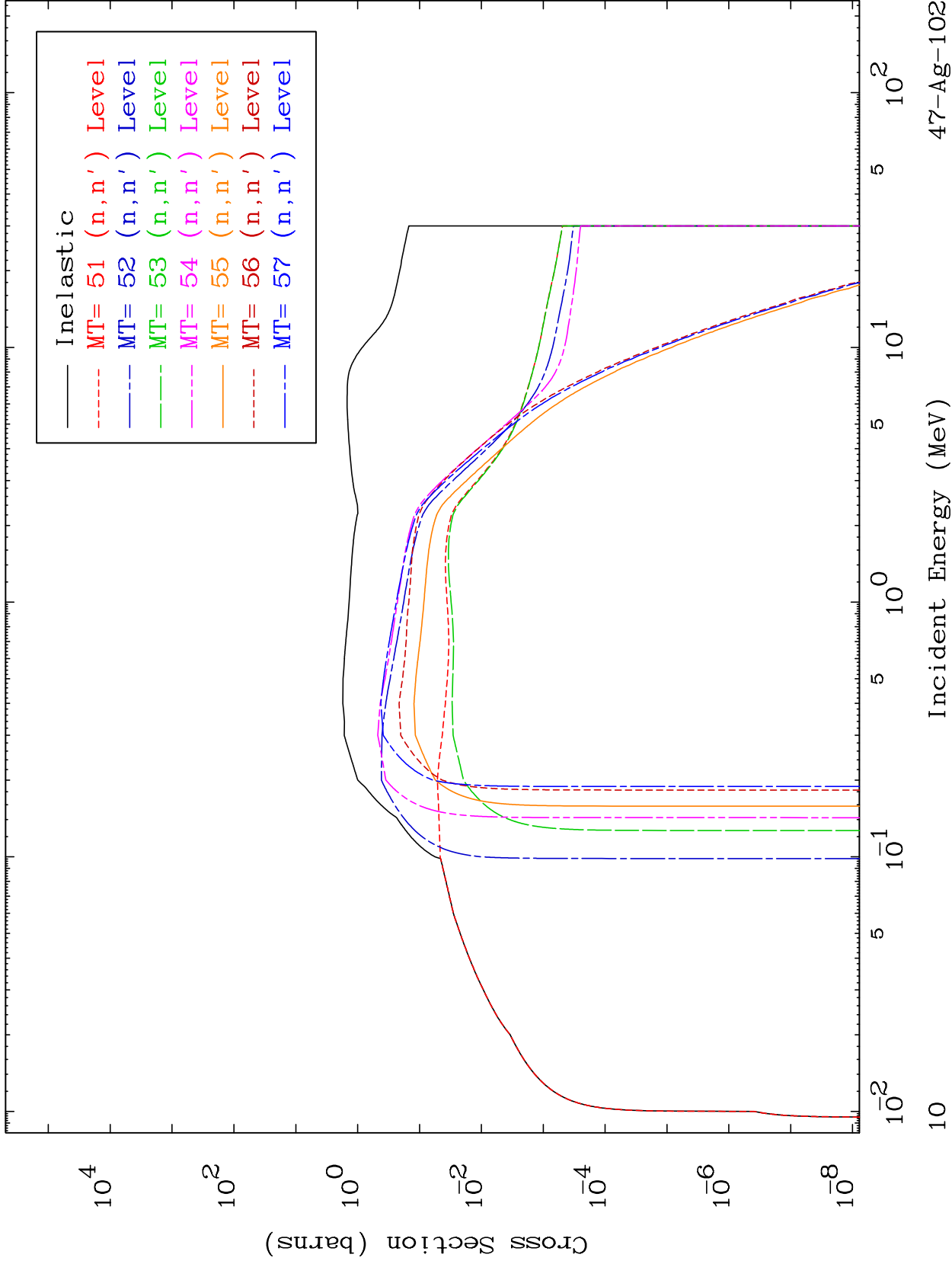


MAT 4710

(n,n') Levels

47-Ag-102

293 Kelvin Cross Sections



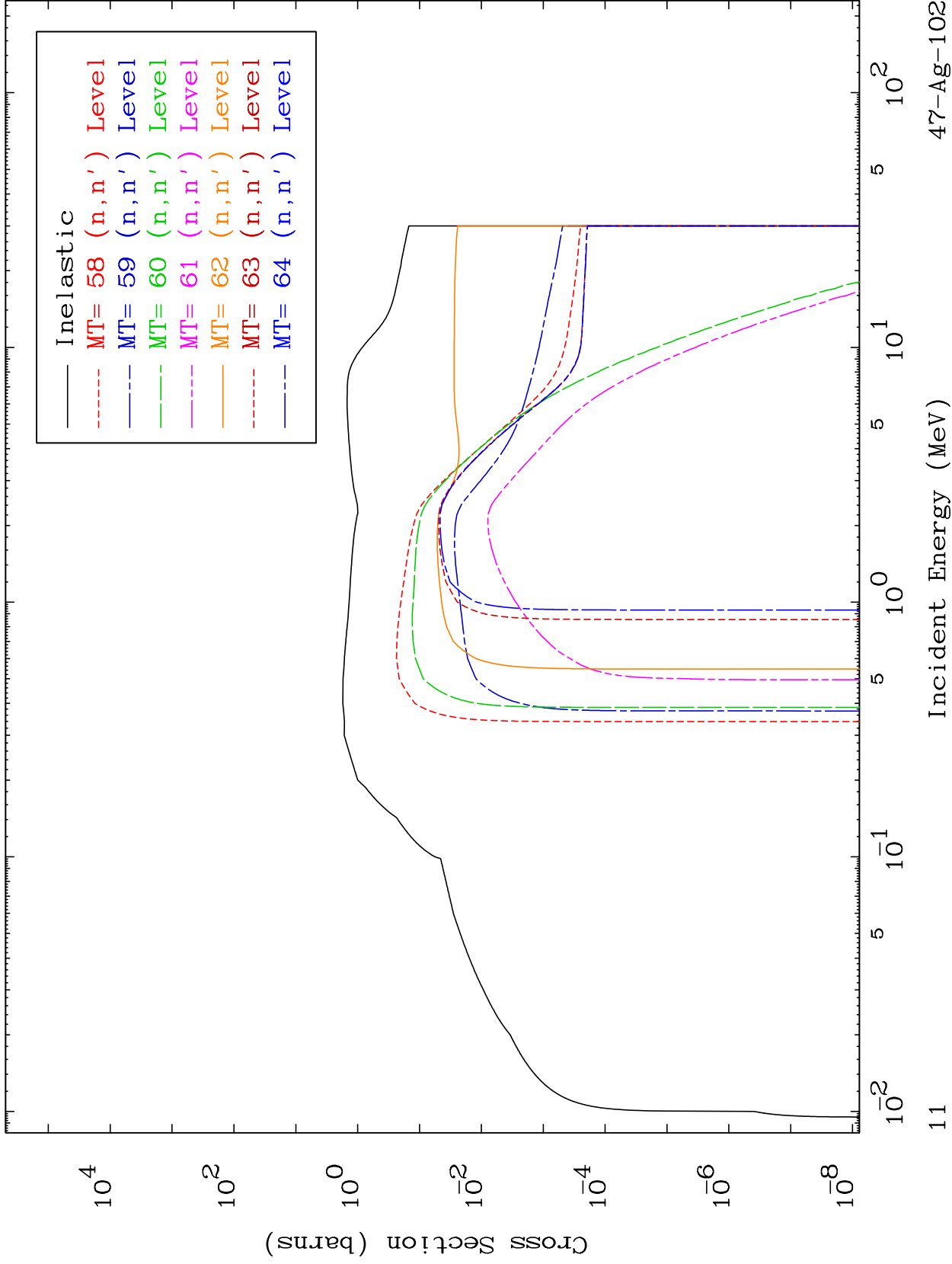
47-Ag-102

MAT 4710

(n,n') Levels

47-Ag-102

293 Kelvin Cross Sections



11

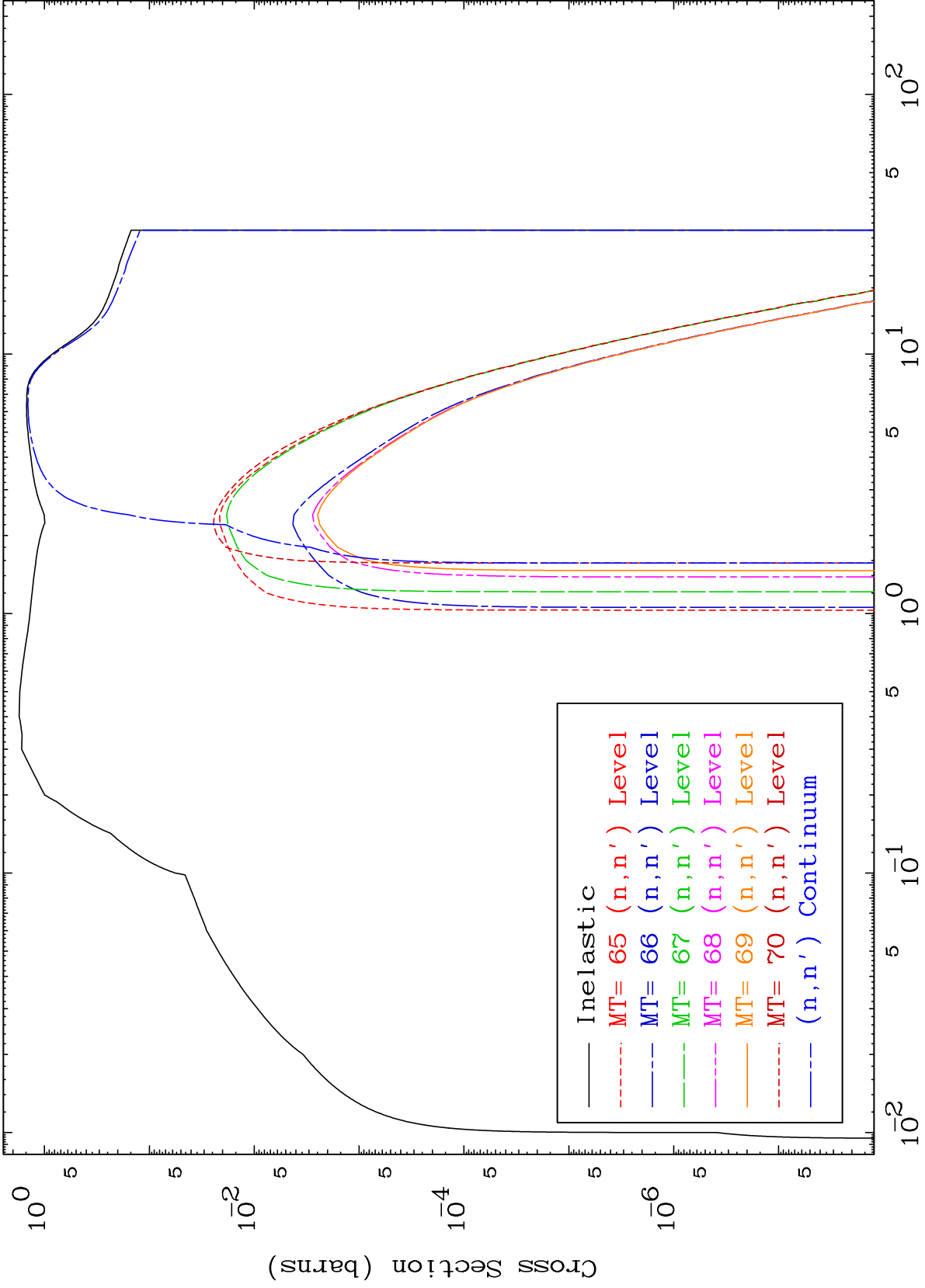
Incident Energy (MeV)

47-Ag-102

MAT 4710

293 Kelvin Cross Sections  
(n,n') Levels

47-Ag-102



Incident Energy (MeV)

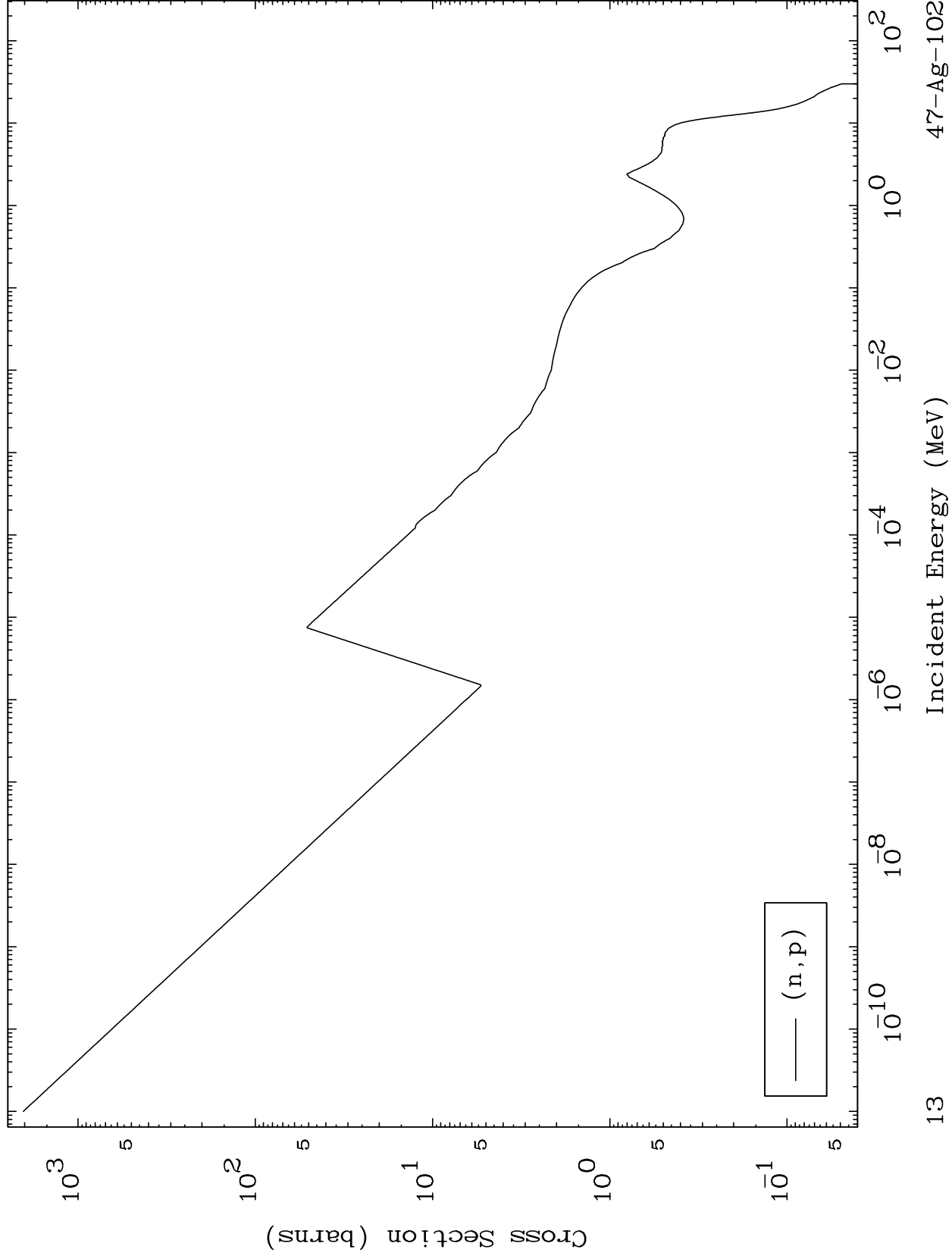
47-Ag-102

12

MAT 4710

(n,p) Levels  
293 Kelvin Cross Sections

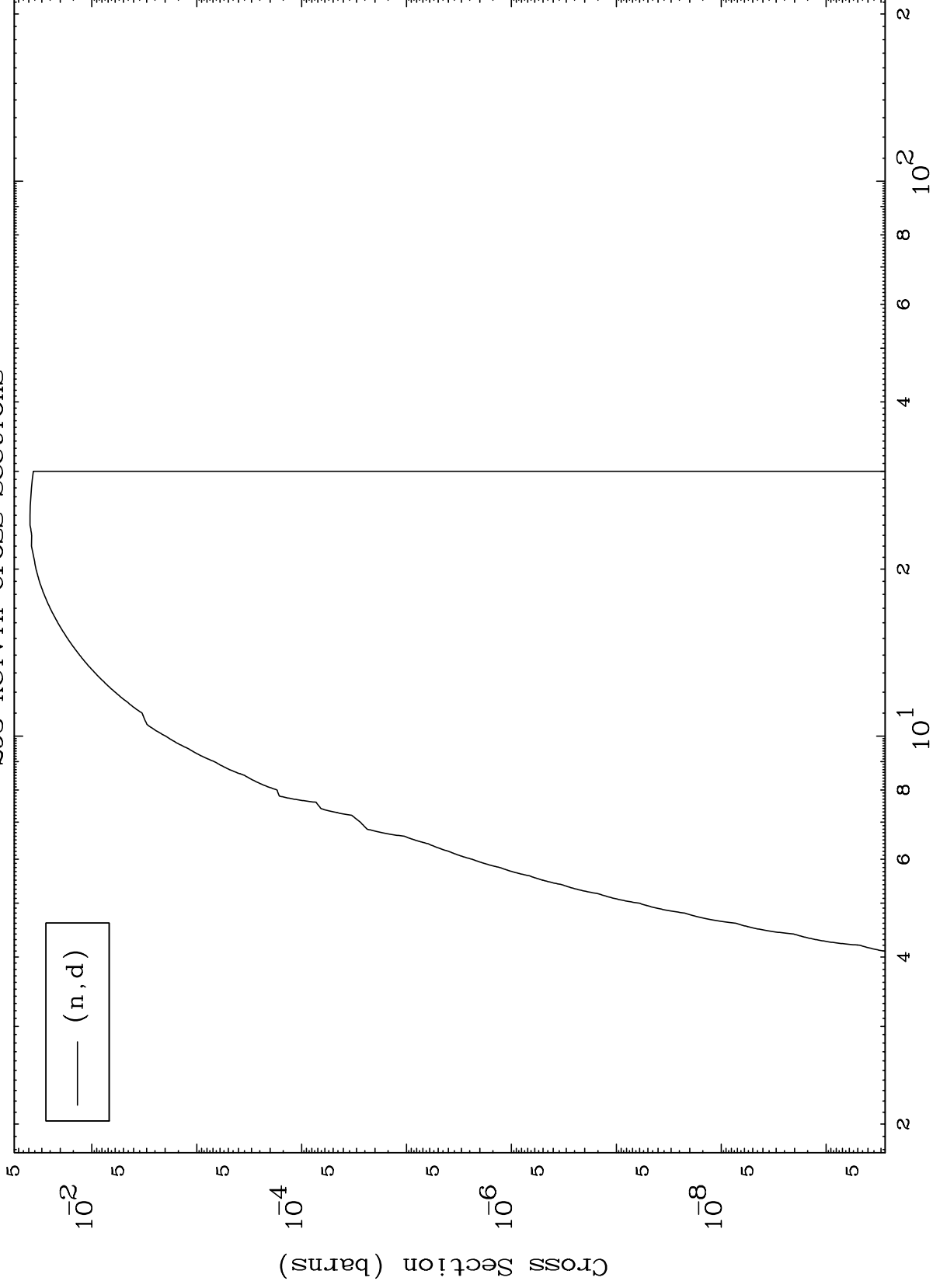
47-Ag-102



MAT 4710

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-102



14

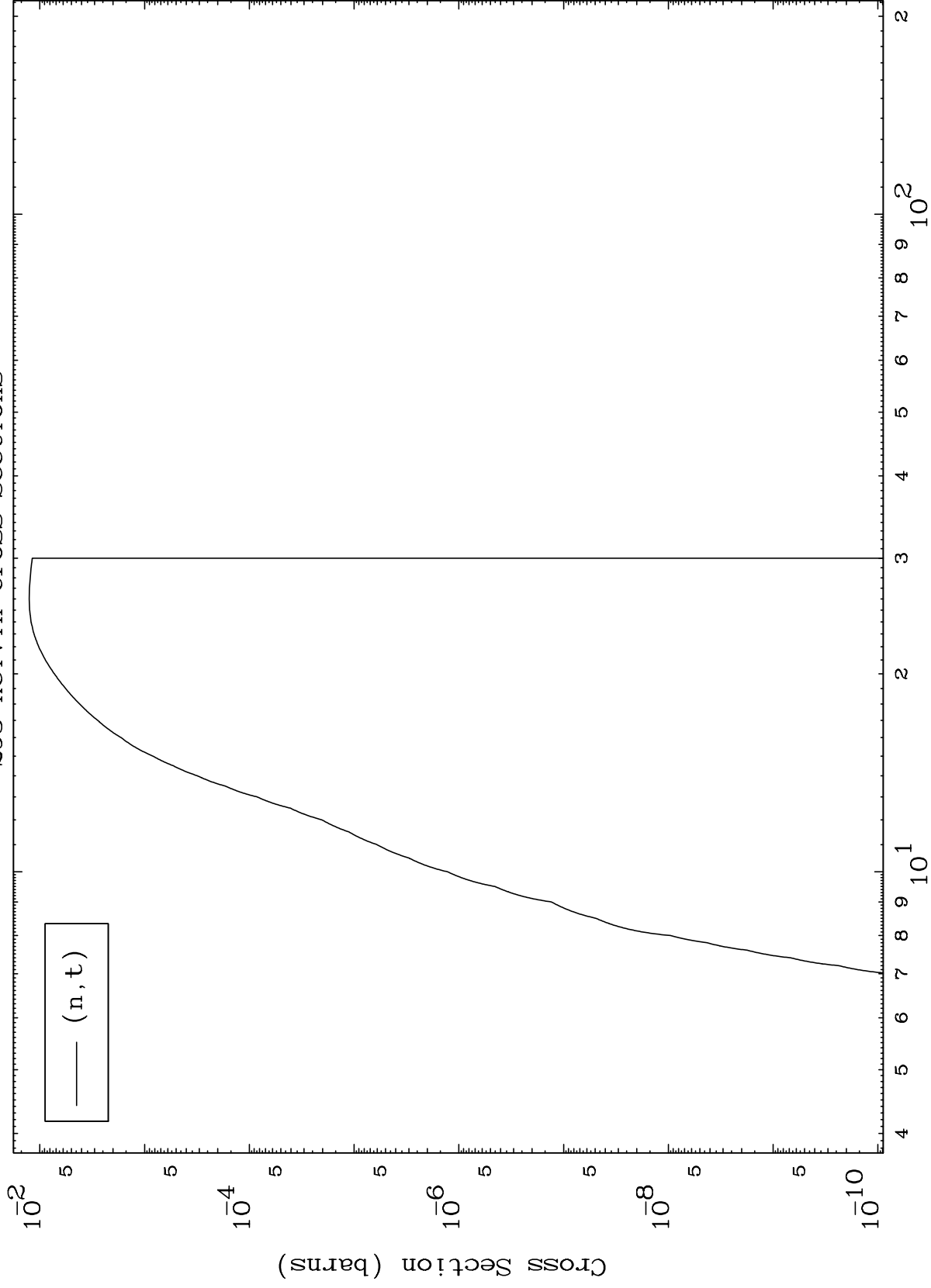
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47-Ag-102

MAT 4710

(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-102



15

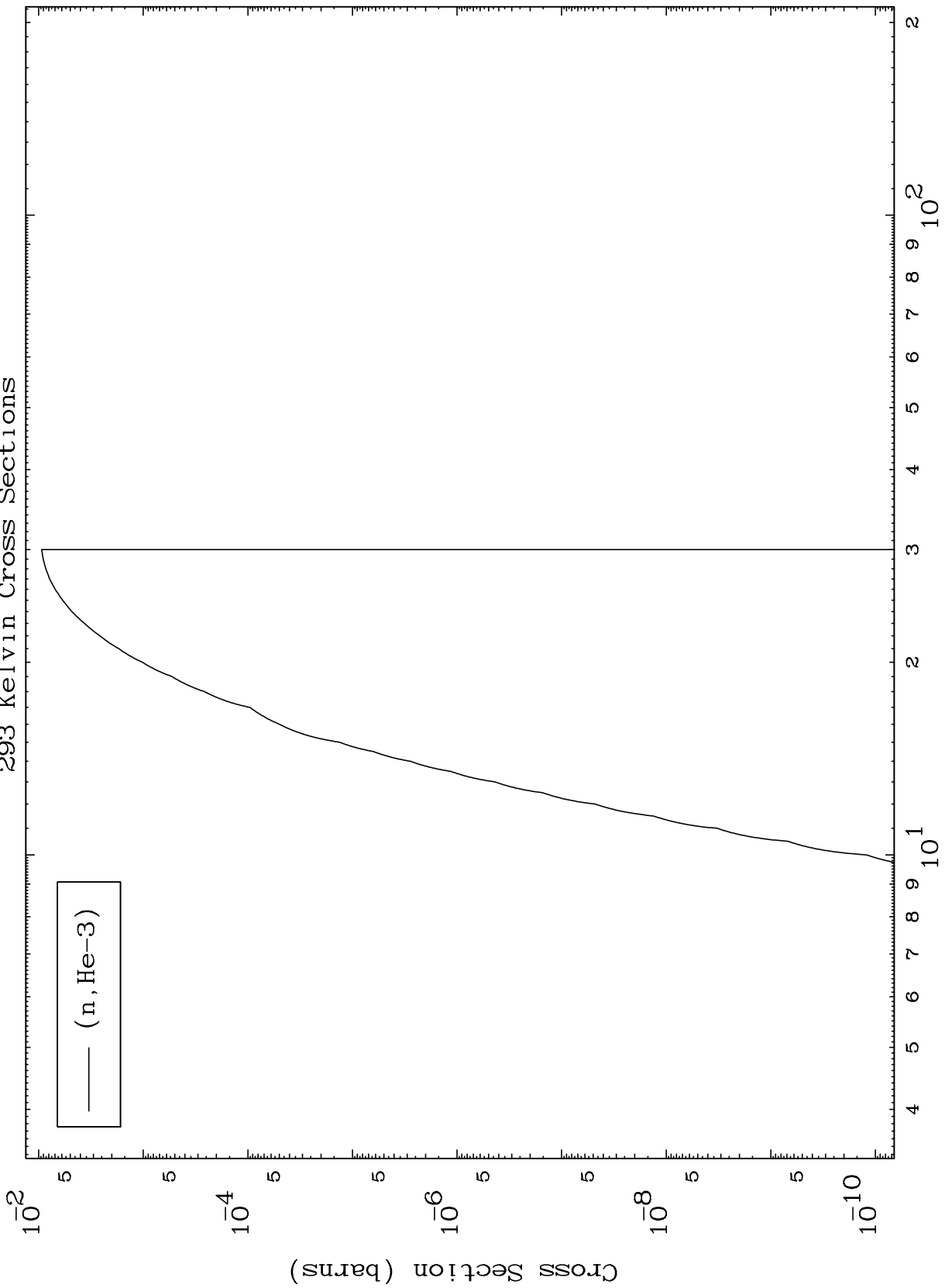
Incident Energy (MeV)

47-Ag-102

MAT 4710

(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-102



16

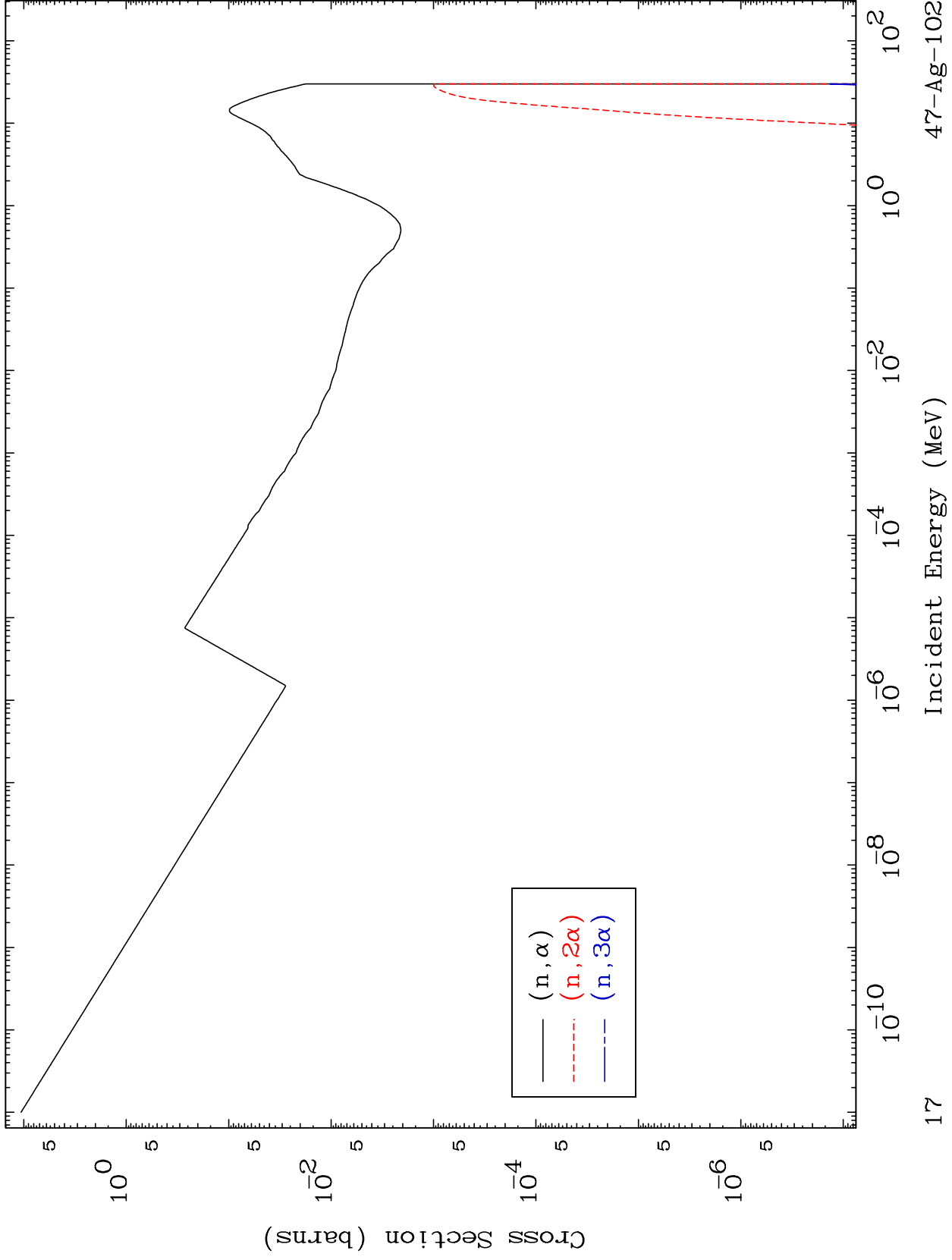
Incident Energy (MeV)

47-Ag-102

MAT 4710

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

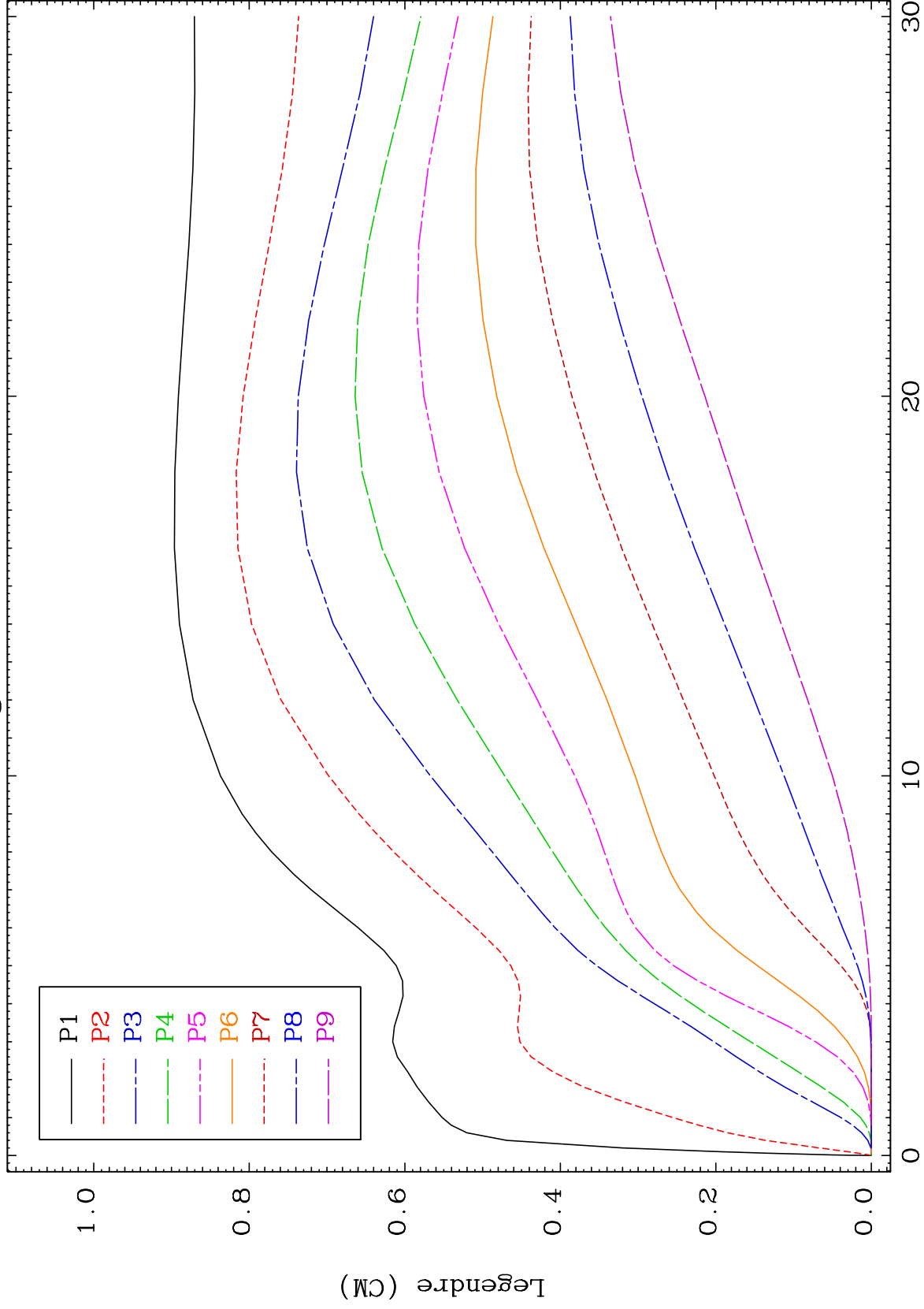
47-Ag-102



MAT 4710

Elastic Legendre Coefficients

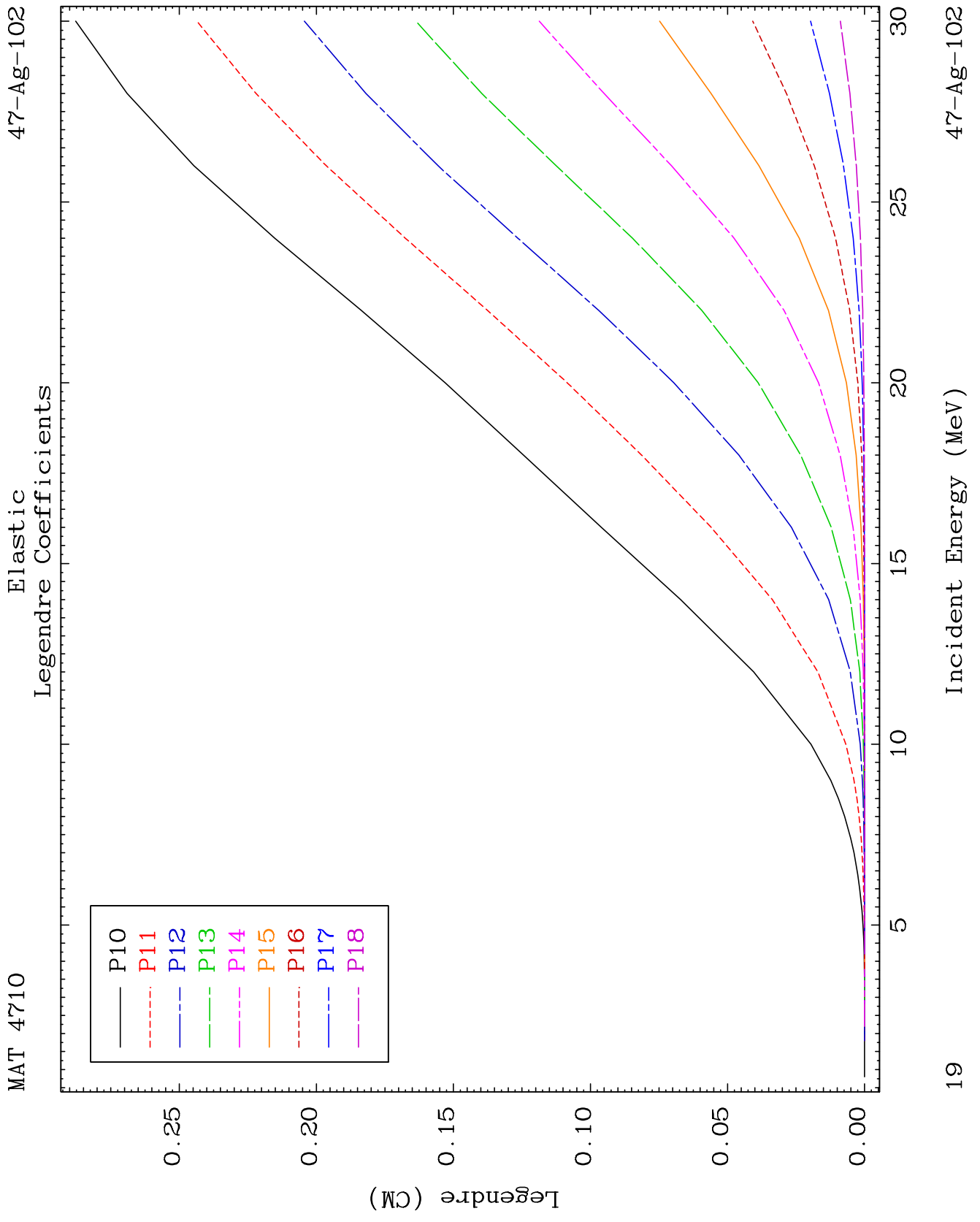
47-Ag-102



18

Incident Energy (MeV)

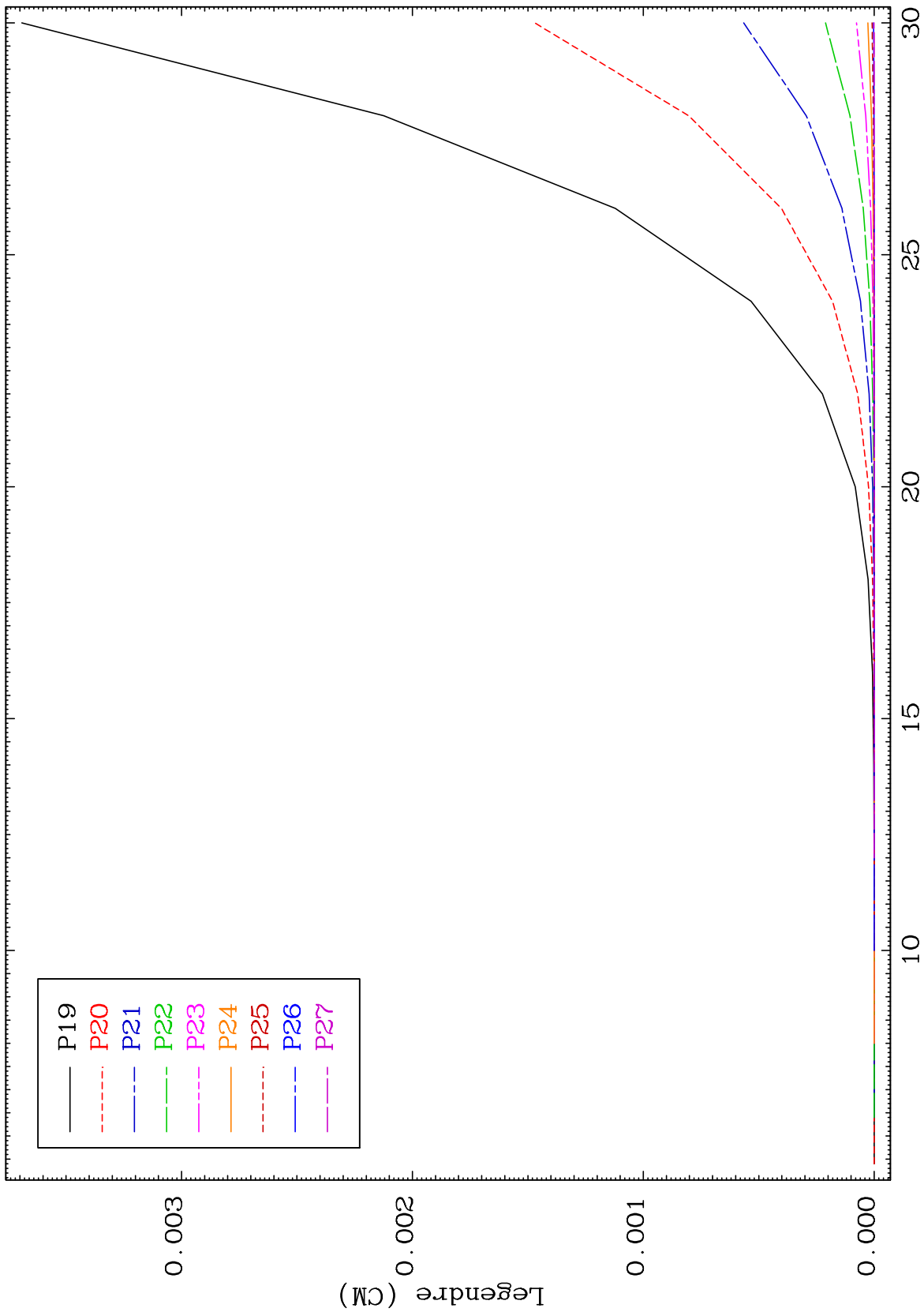
47-Ag-102



MAT 4710

Elastic Legendre Coefficients

47-Ag-102



20

Incident Energy (MeV)

47-Ag-102

MAT 4710

Elastic Legendre Coefficients

47-Ag-102

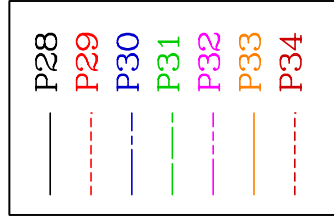
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Legendre (CM)

0.0

-0.5

-1.0



15

20

25

30

21

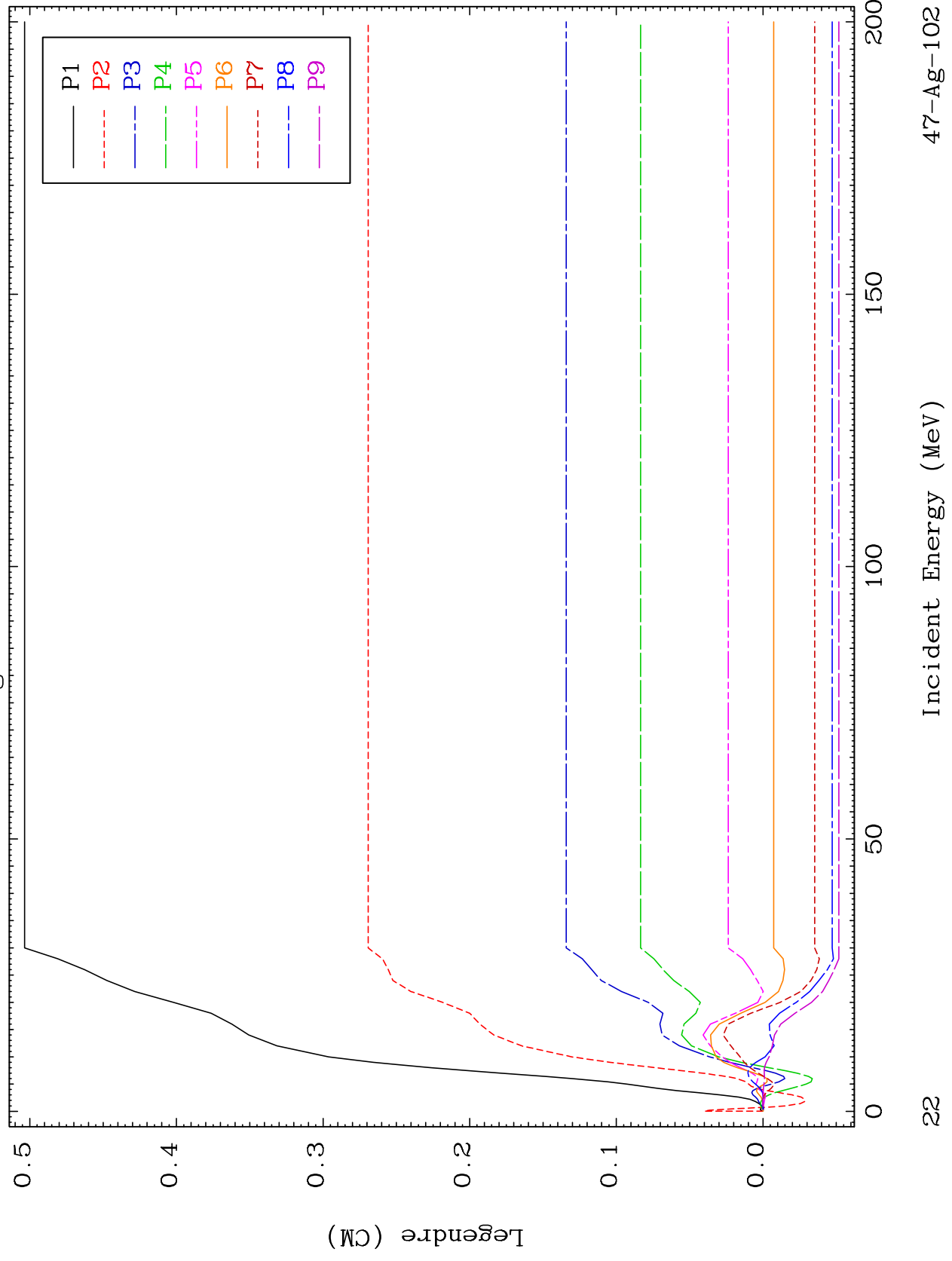
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



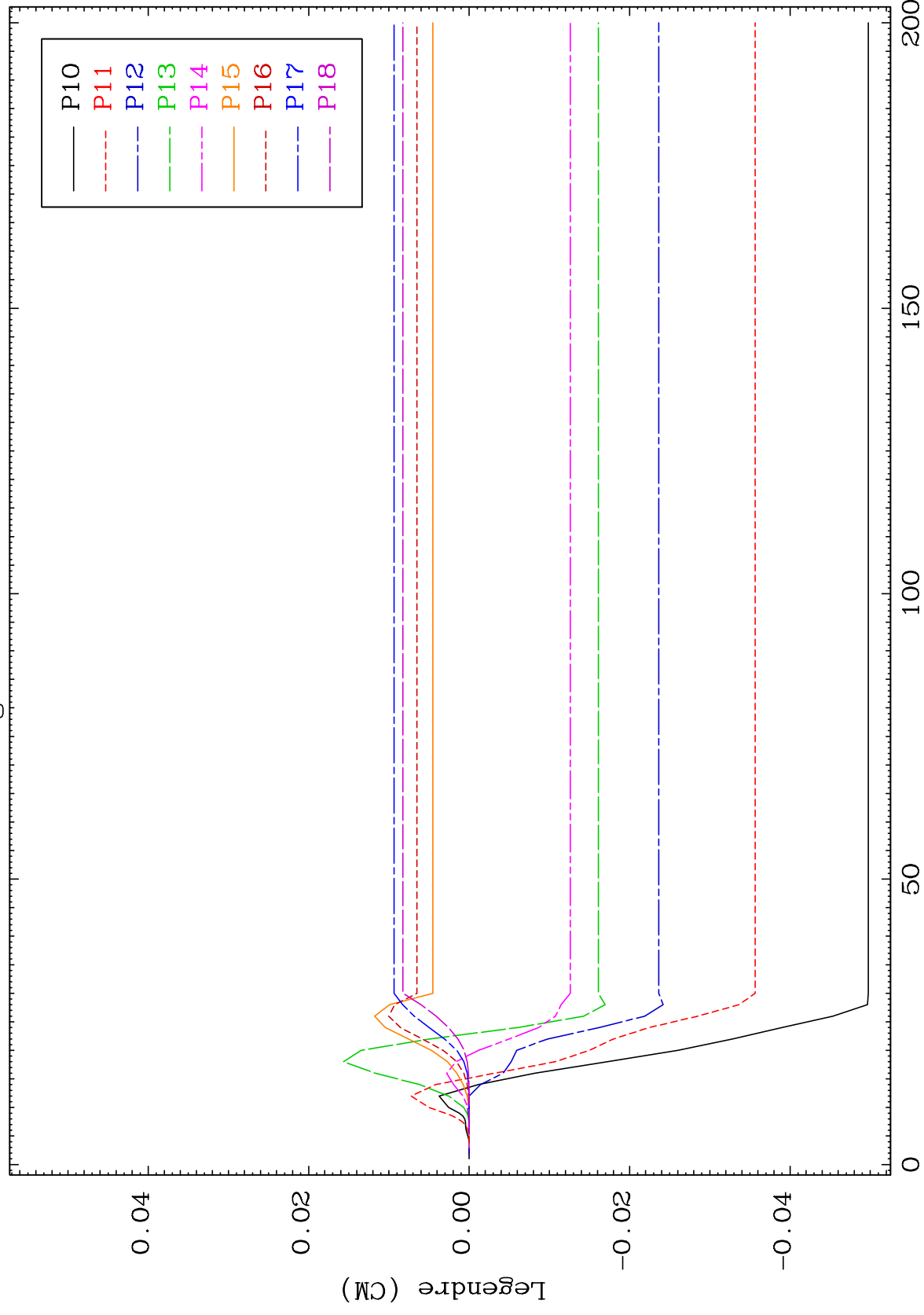
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47-Ag-102

MAT 4710

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

47-Ag-102



23

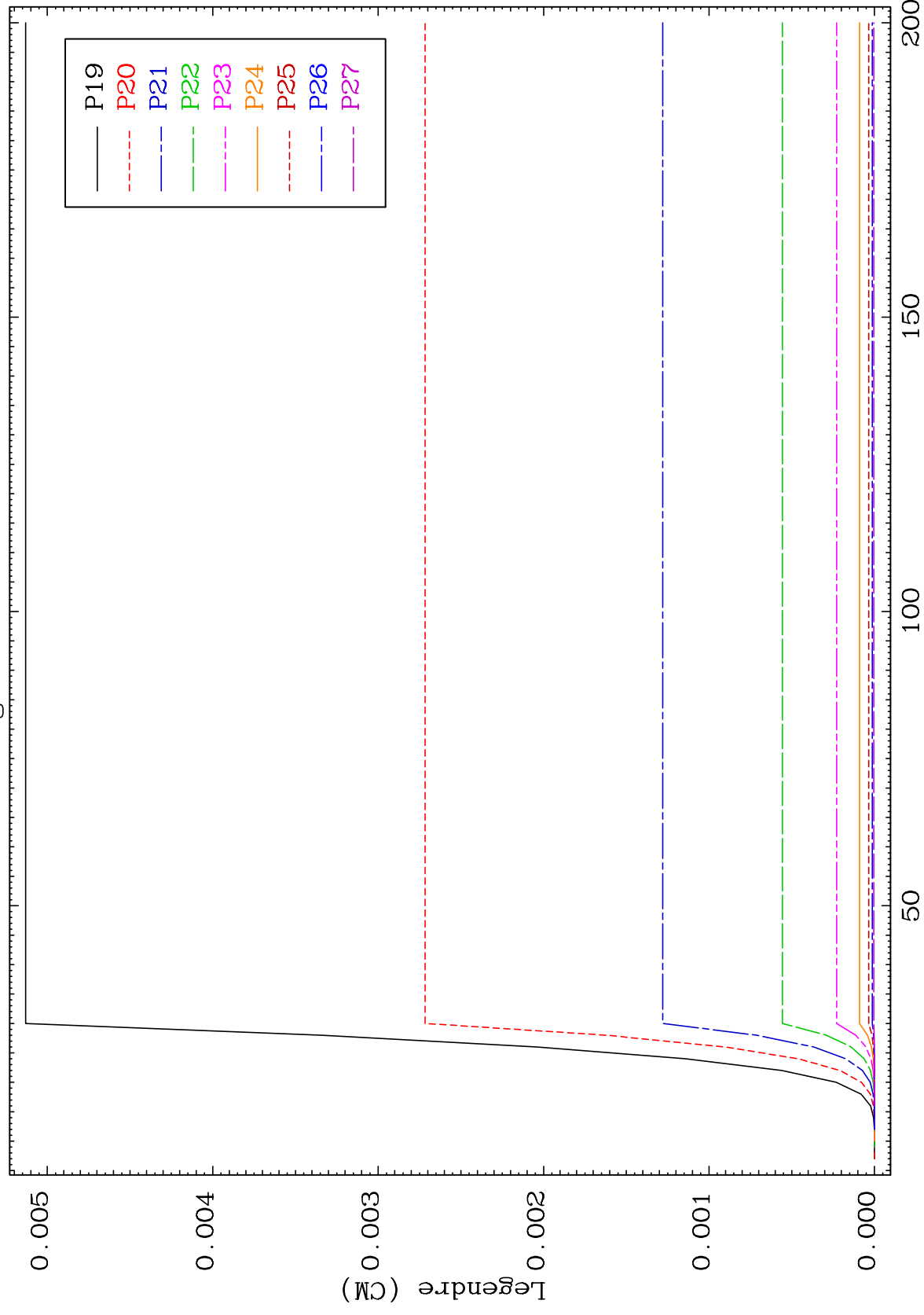
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



24

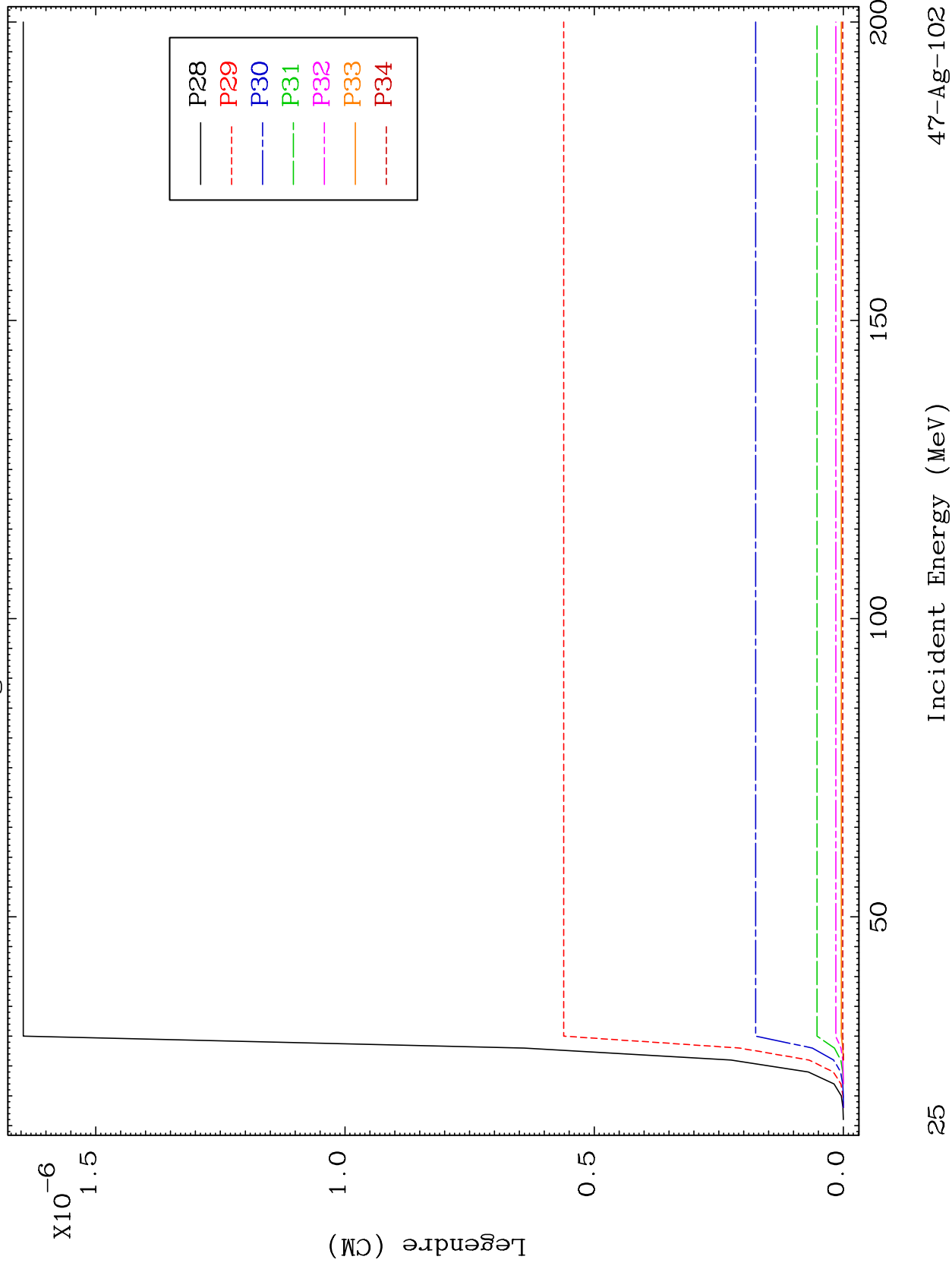
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



25

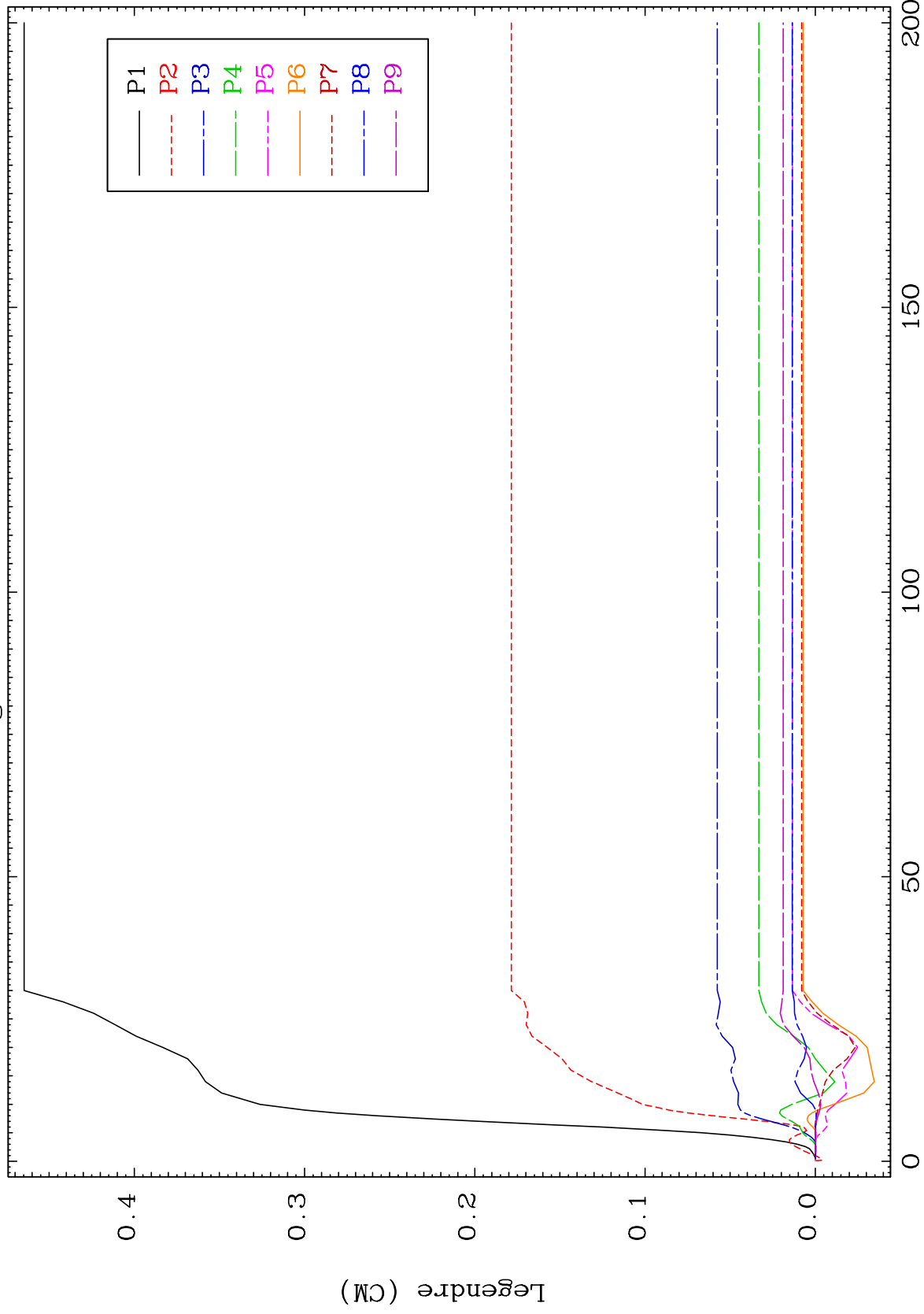
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



26

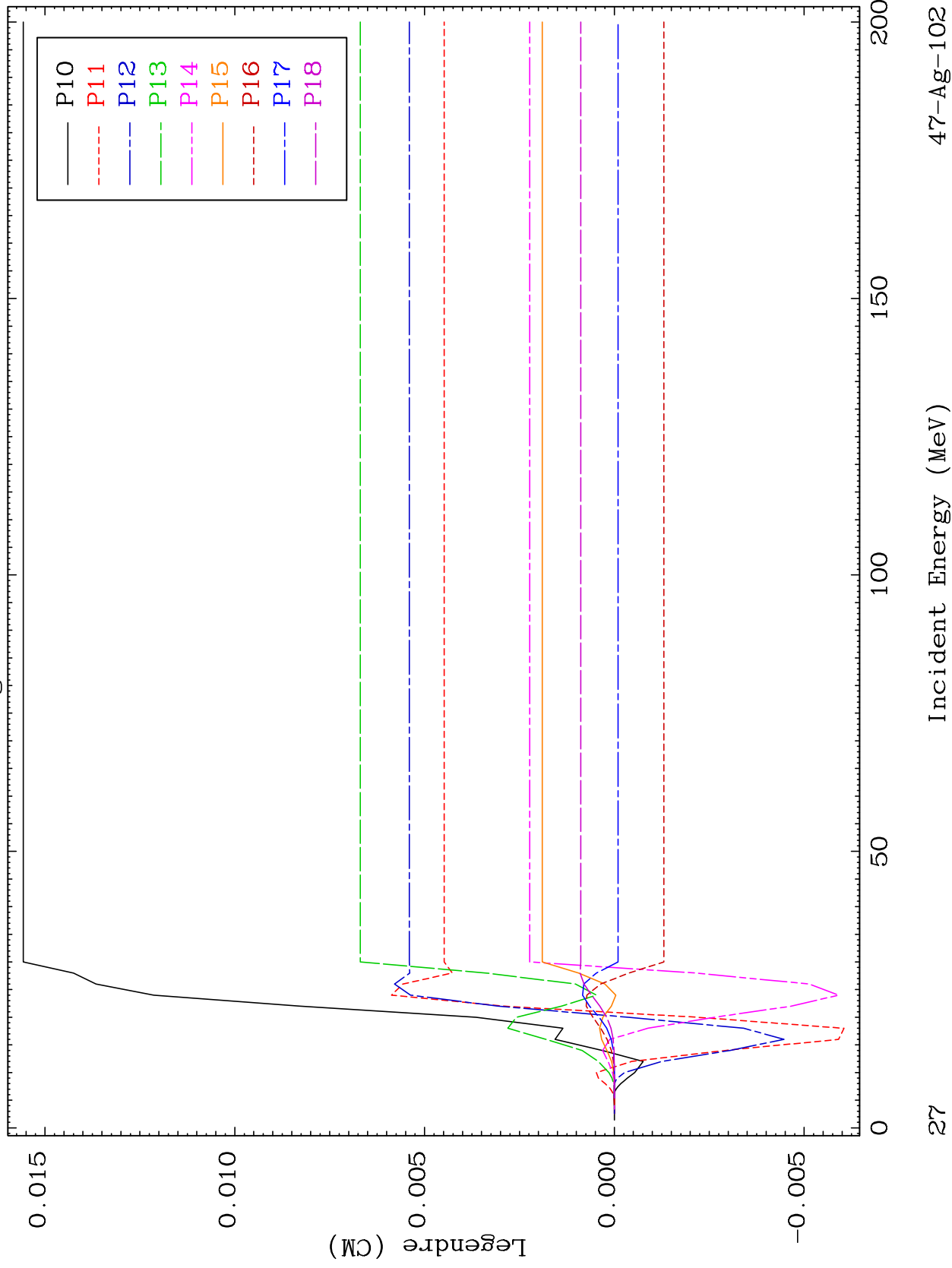
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



47-Ag-102

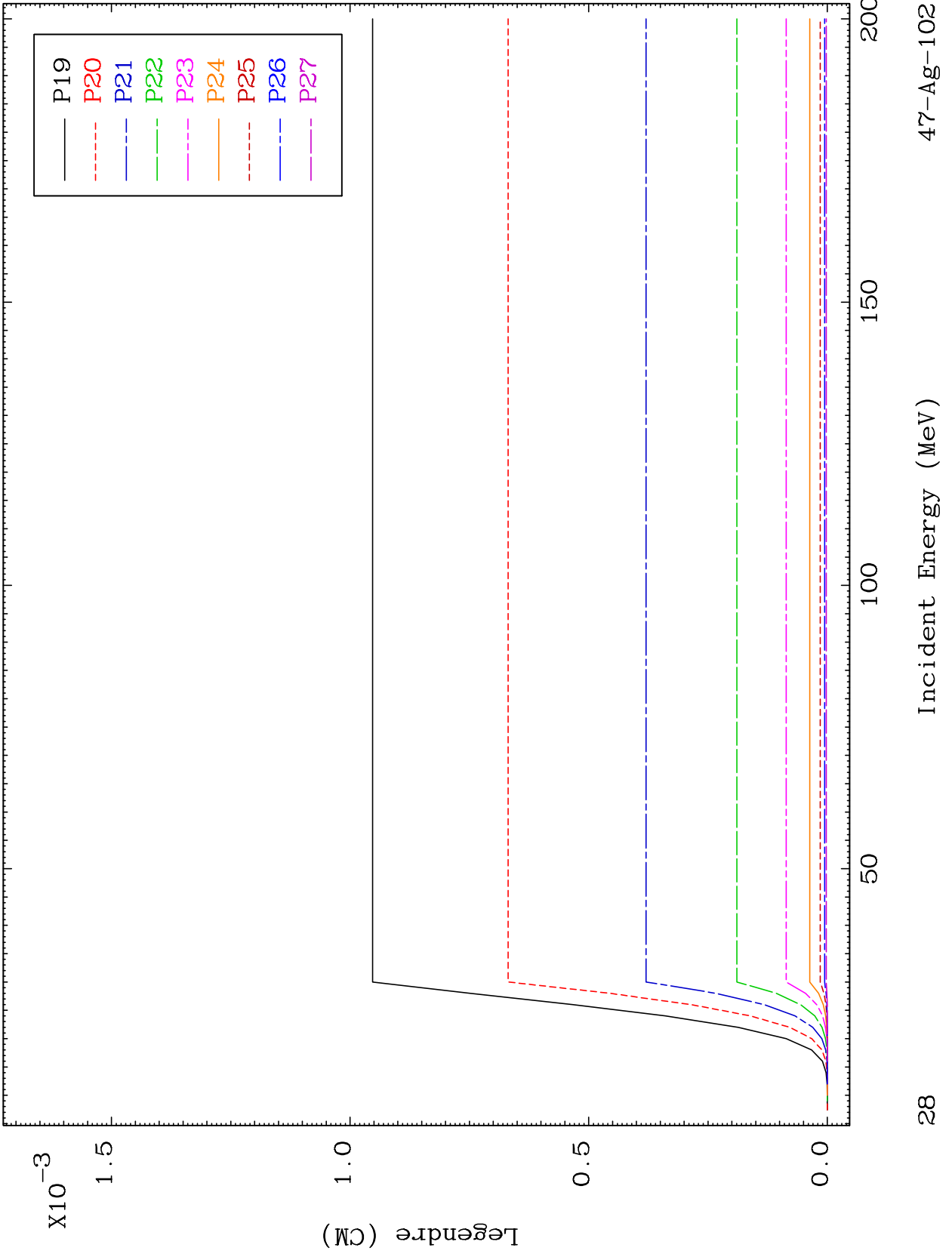
Incident Energy (MeV)

27

MAT 4710

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

47-Ag-102



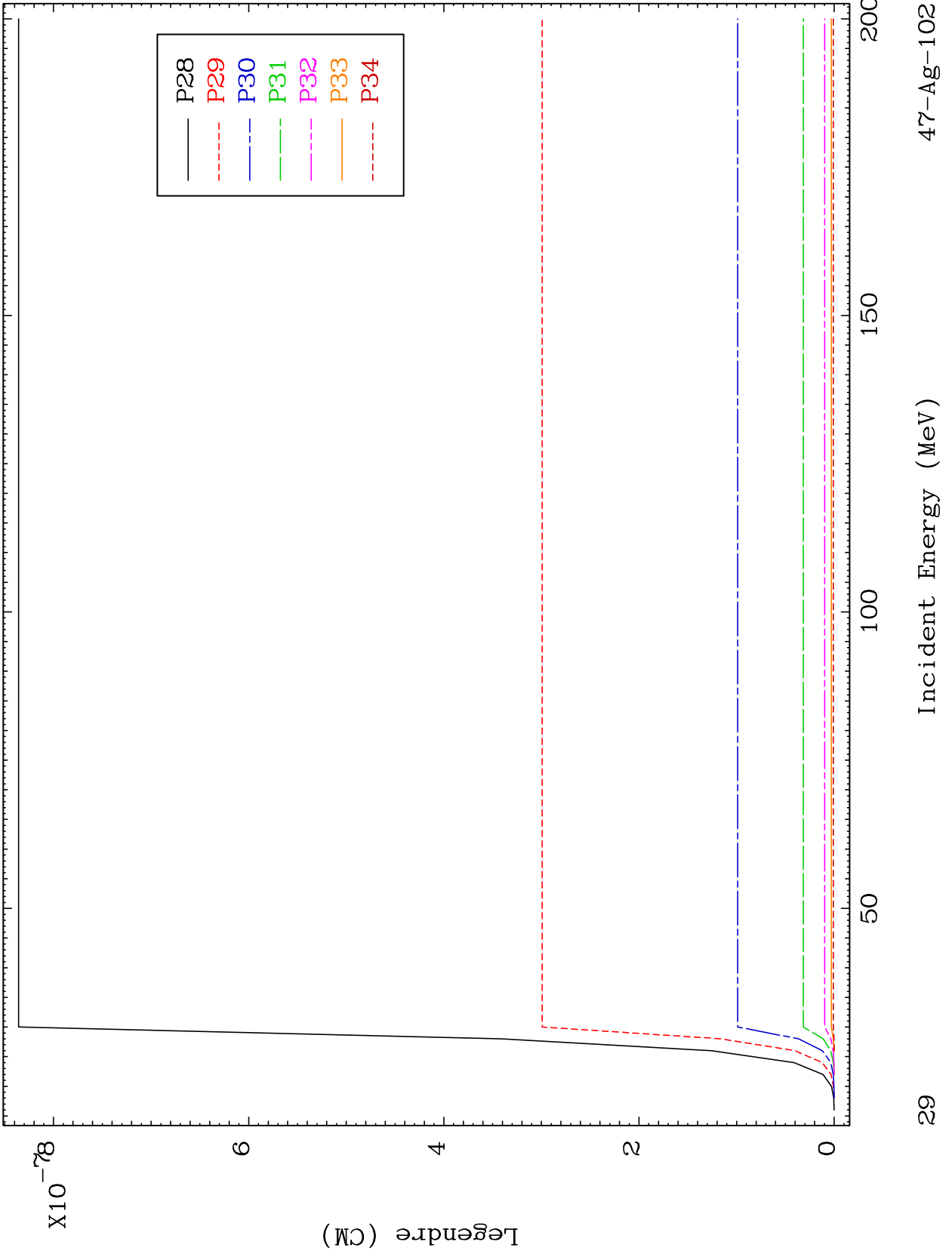
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47-Ag-102

MAT 4710

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

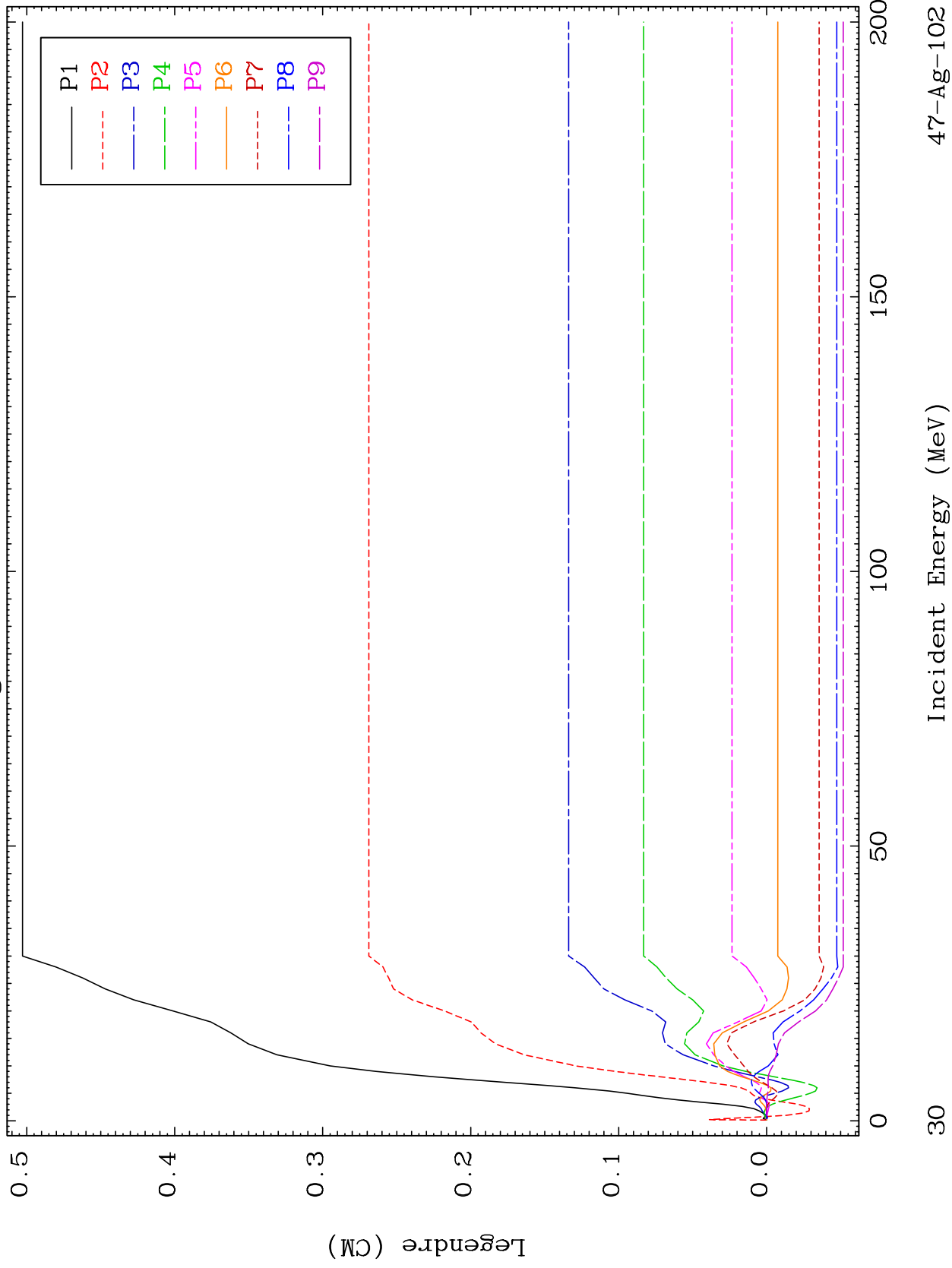
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MAT 4710

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

47-Ag-102



47-Ag-102

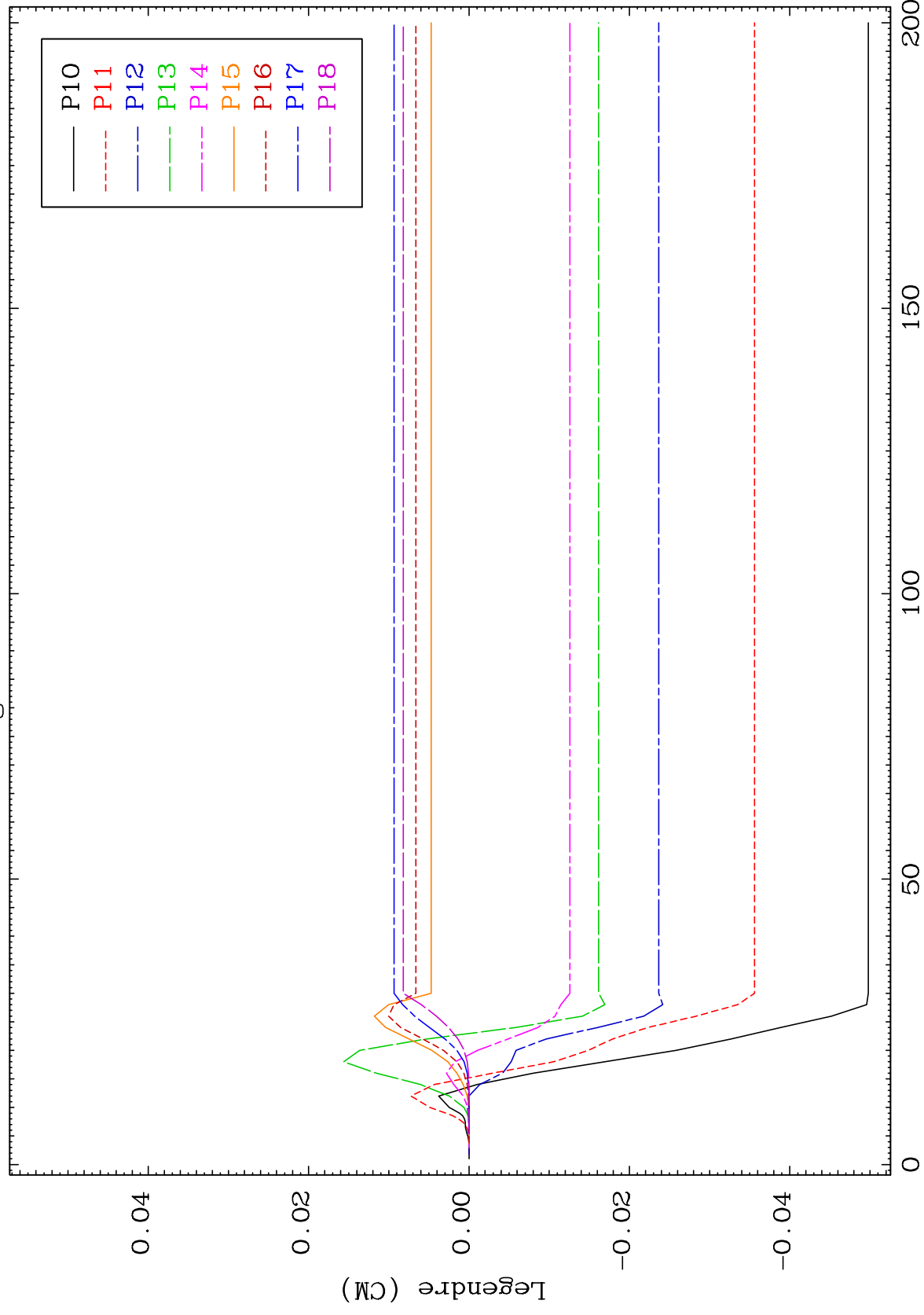
Incident Energy (MeV)

30

MAT 4710

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

47-Ag-102



31

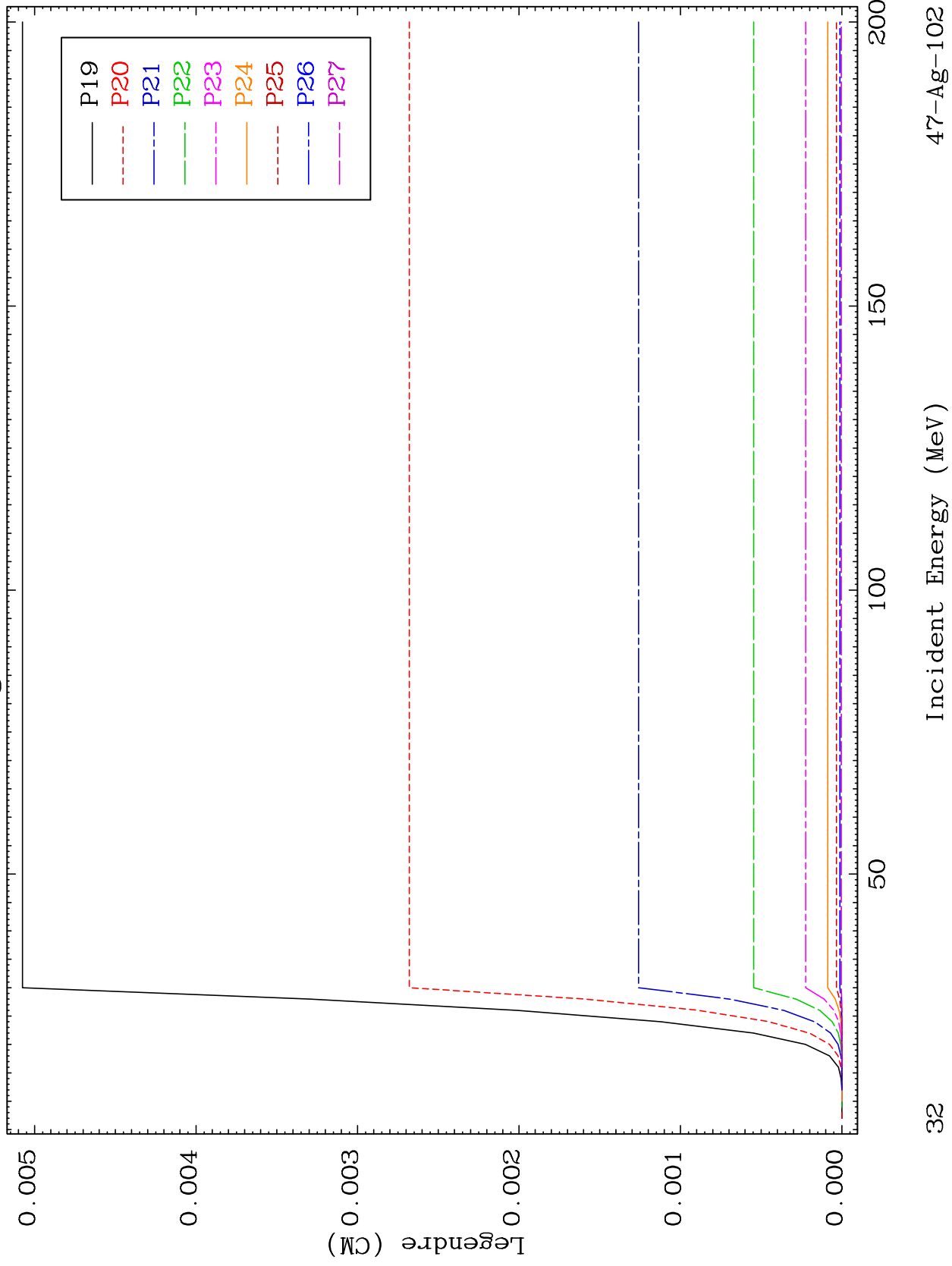
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



32

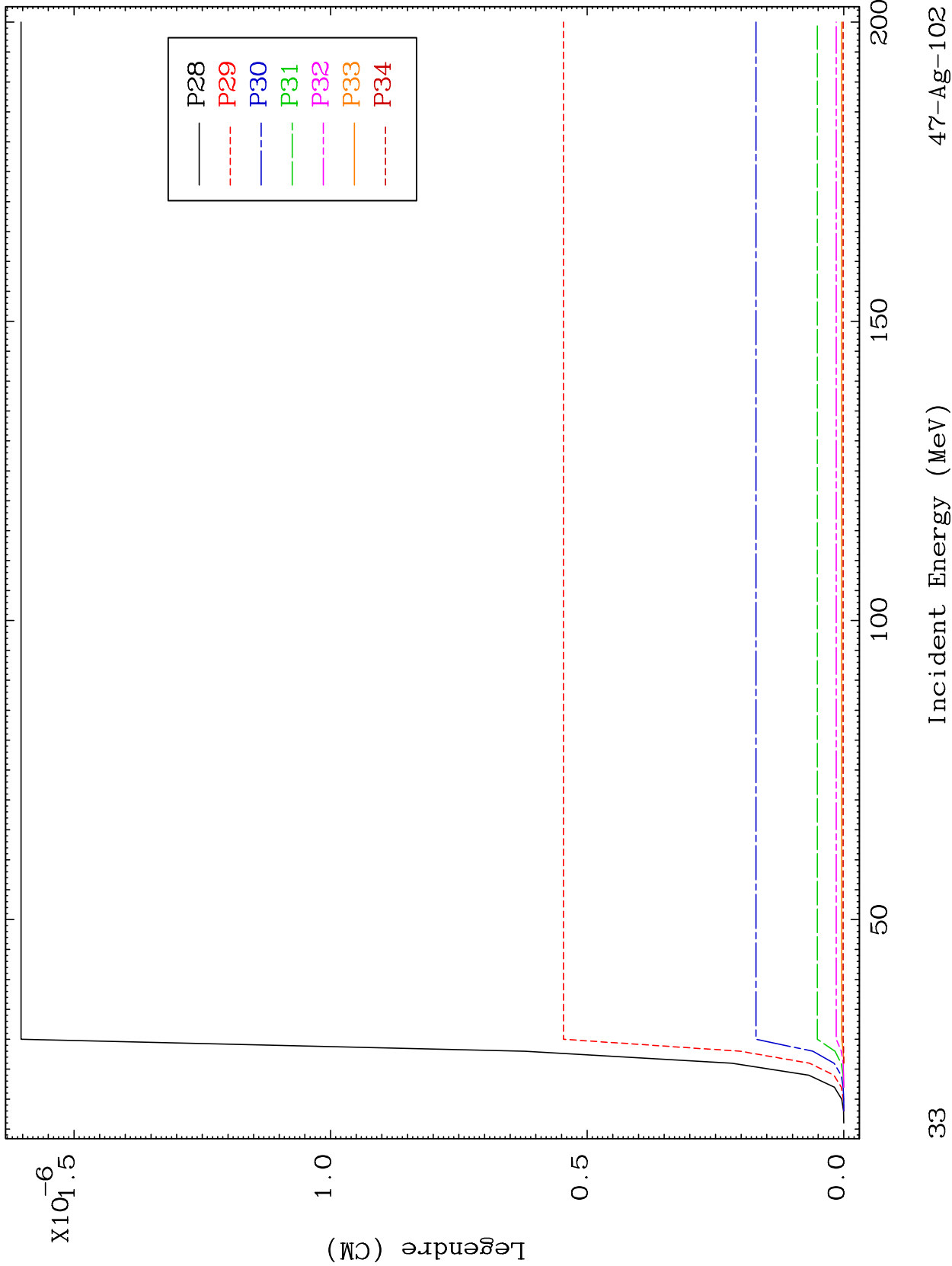
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



33

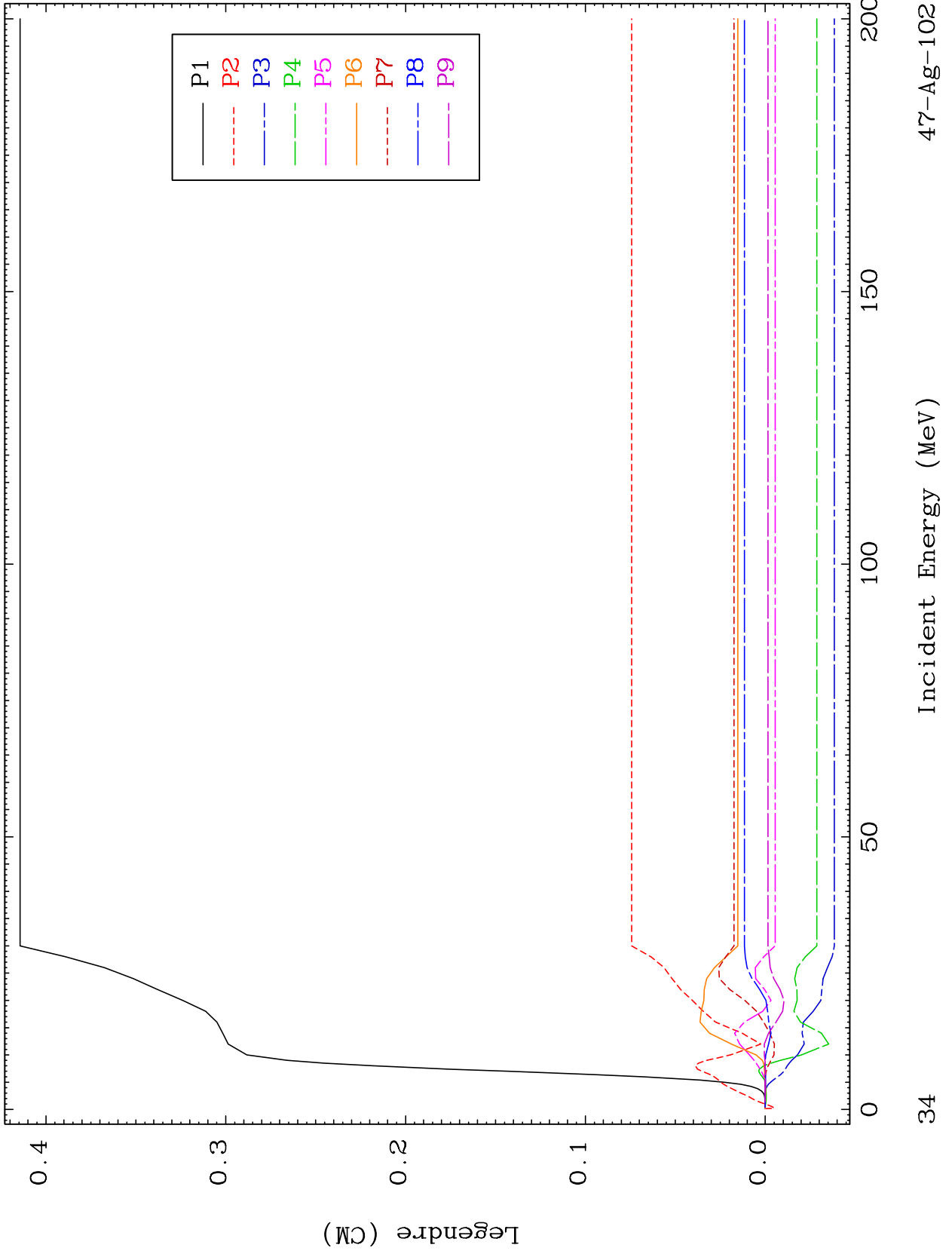
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



34

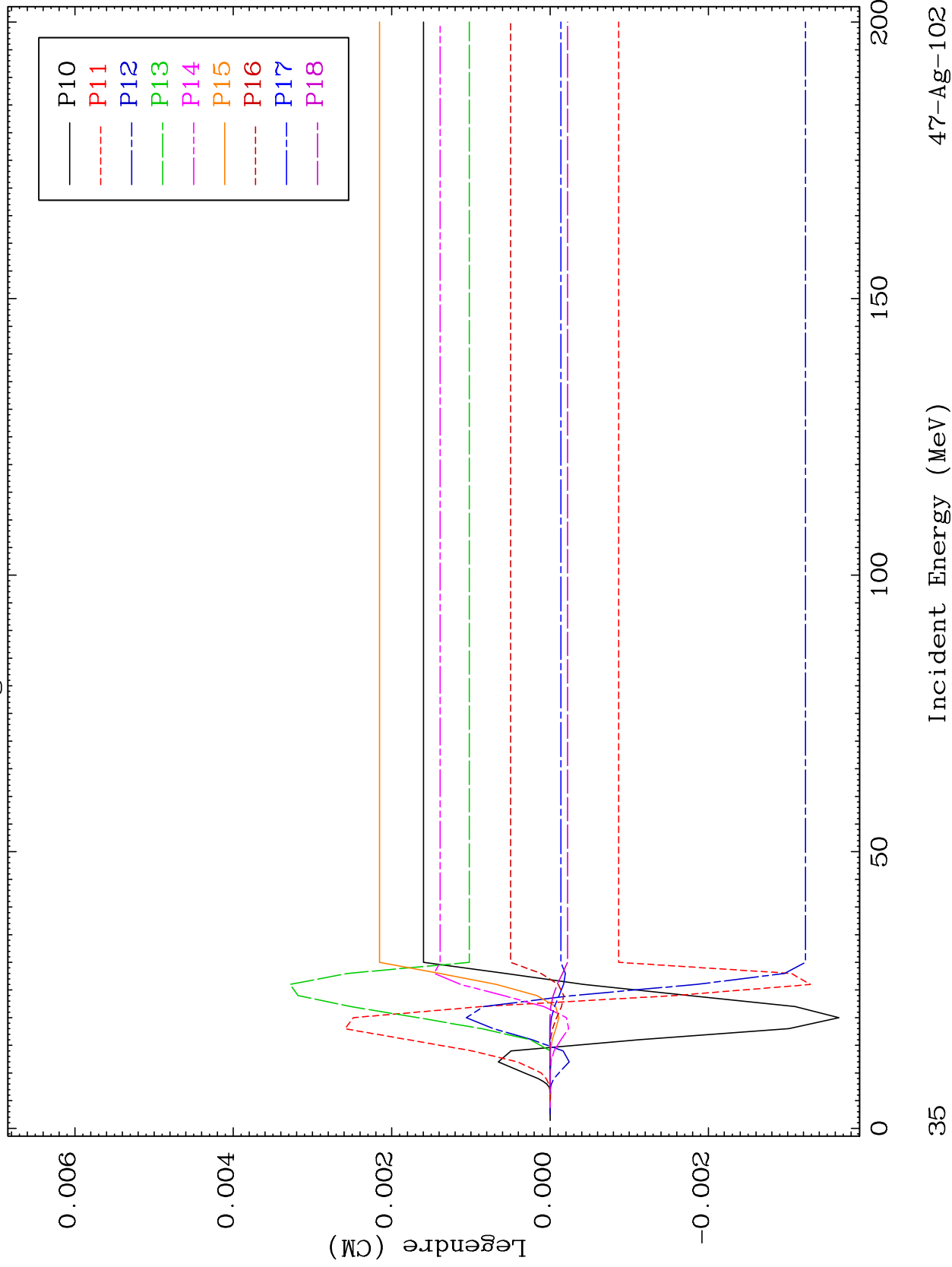
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

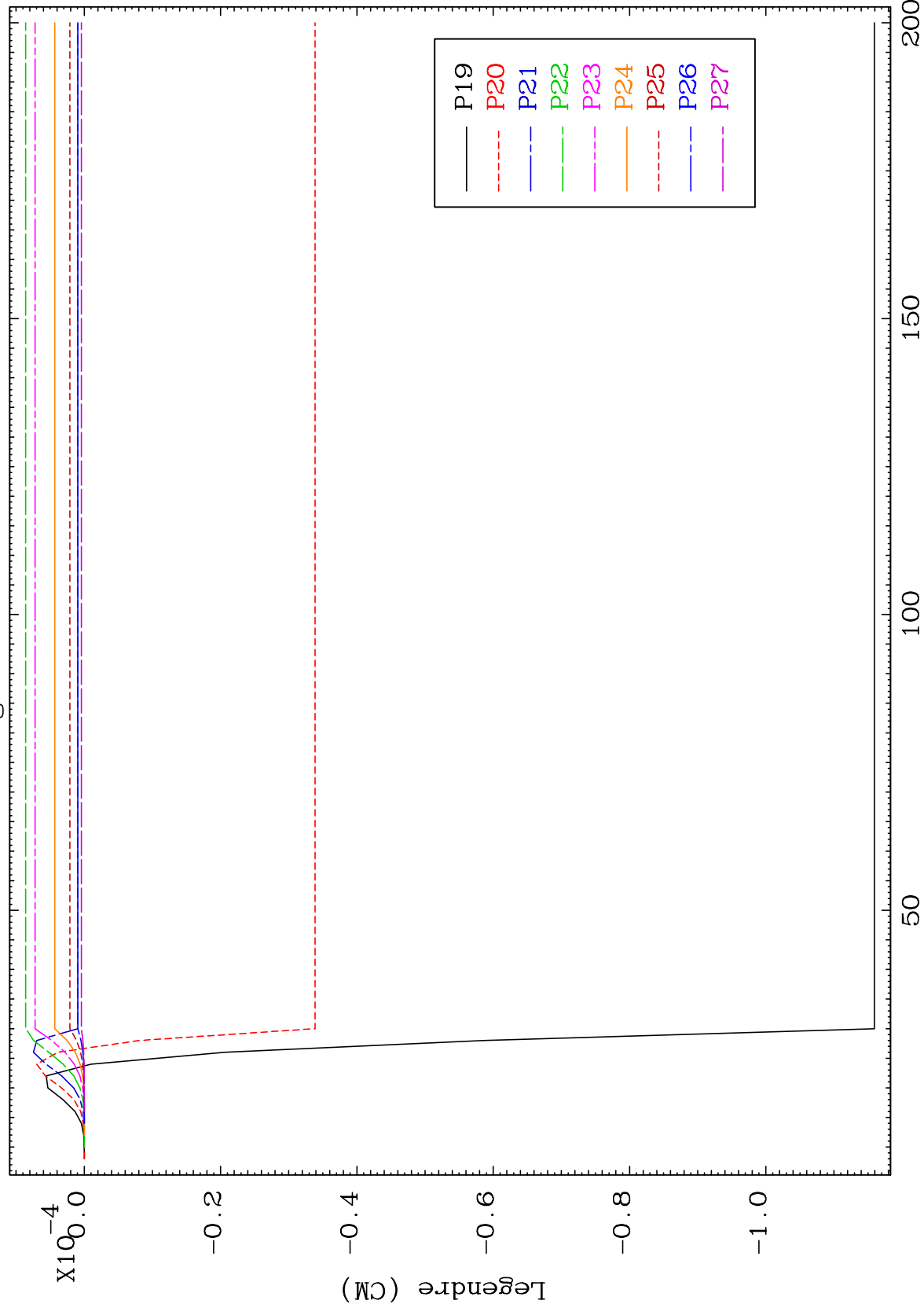
47-Ag-102



MAT 4710

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

47-Ag-102



36

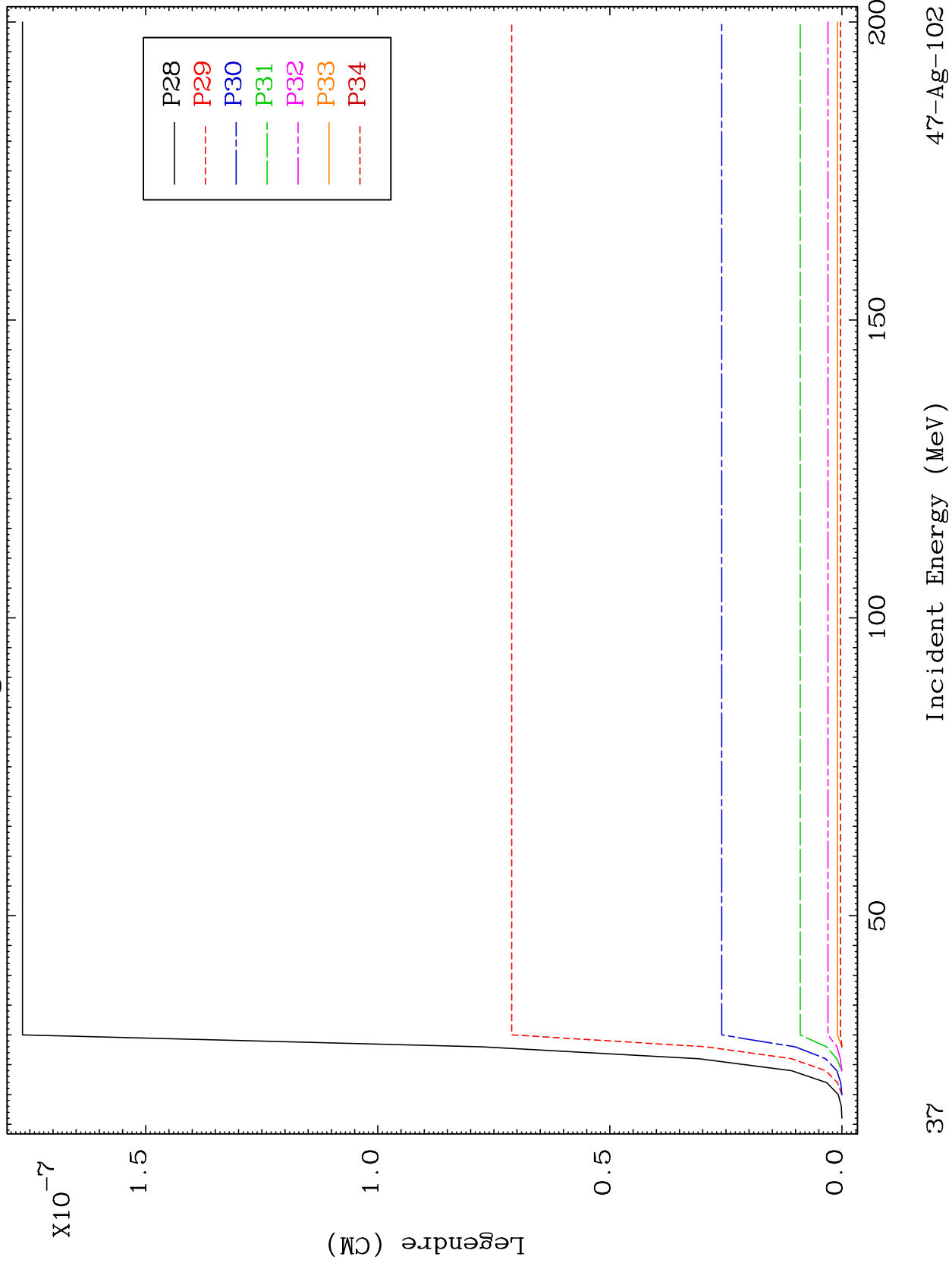
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

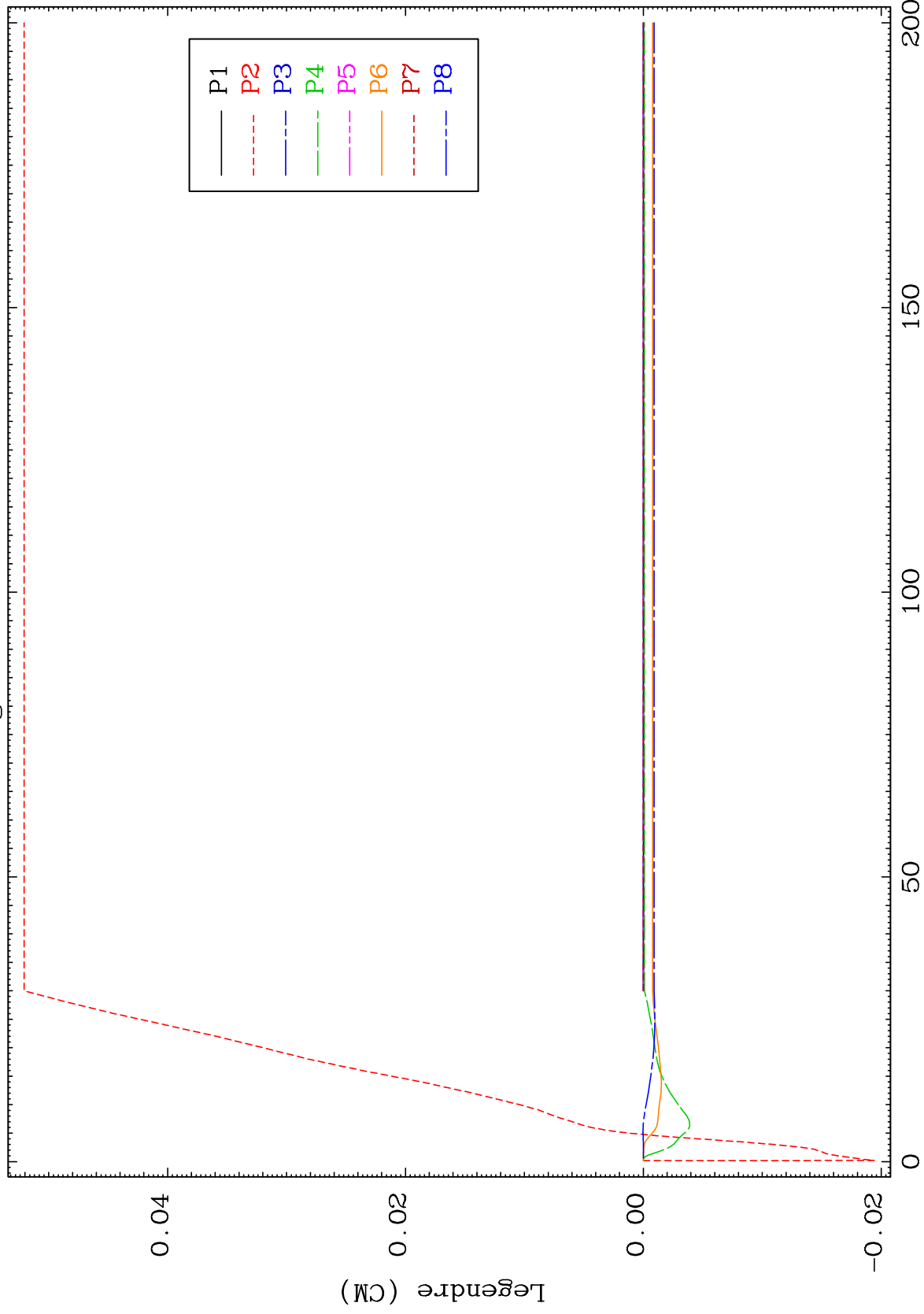
47-Ag-102



MAT 4710

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

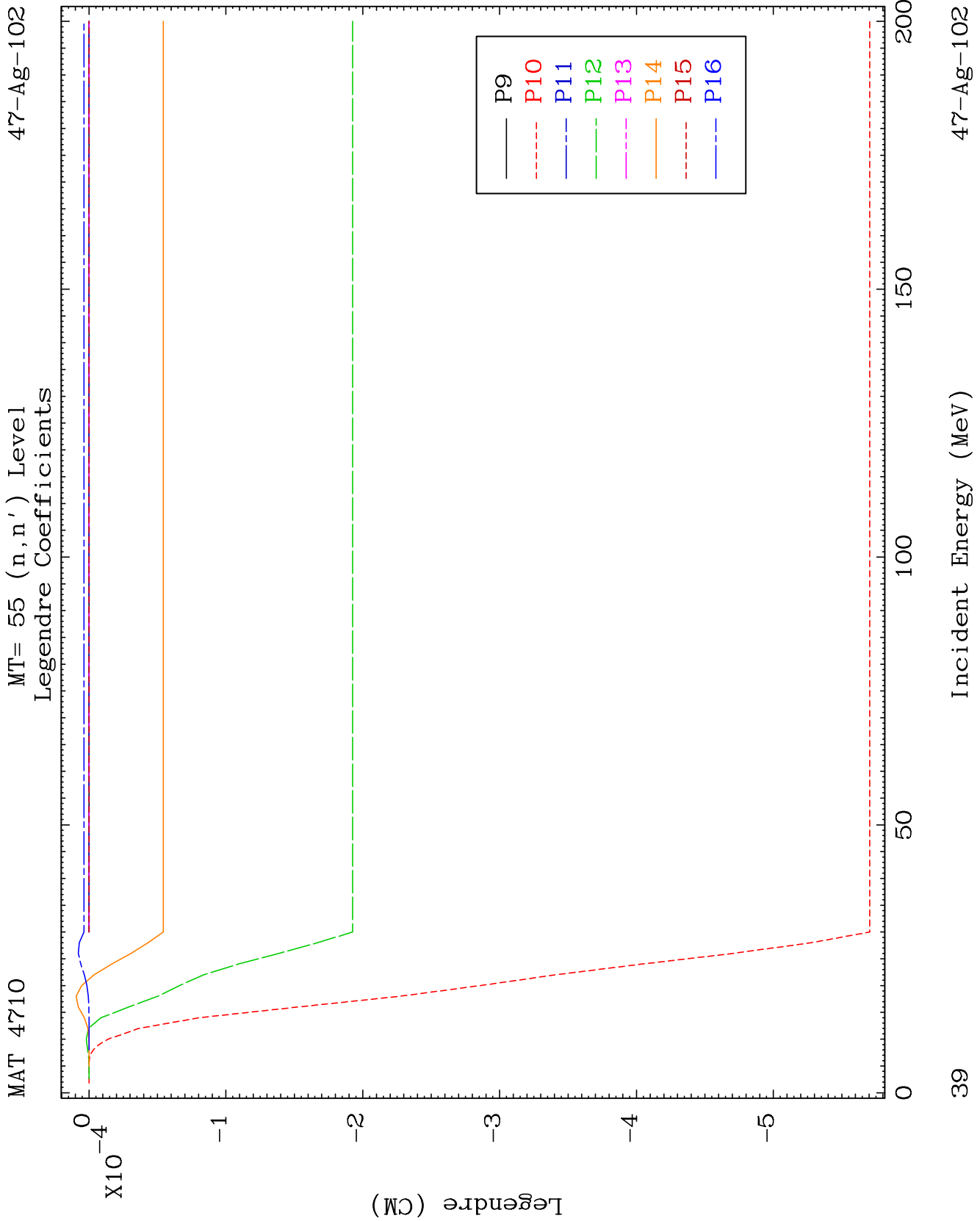
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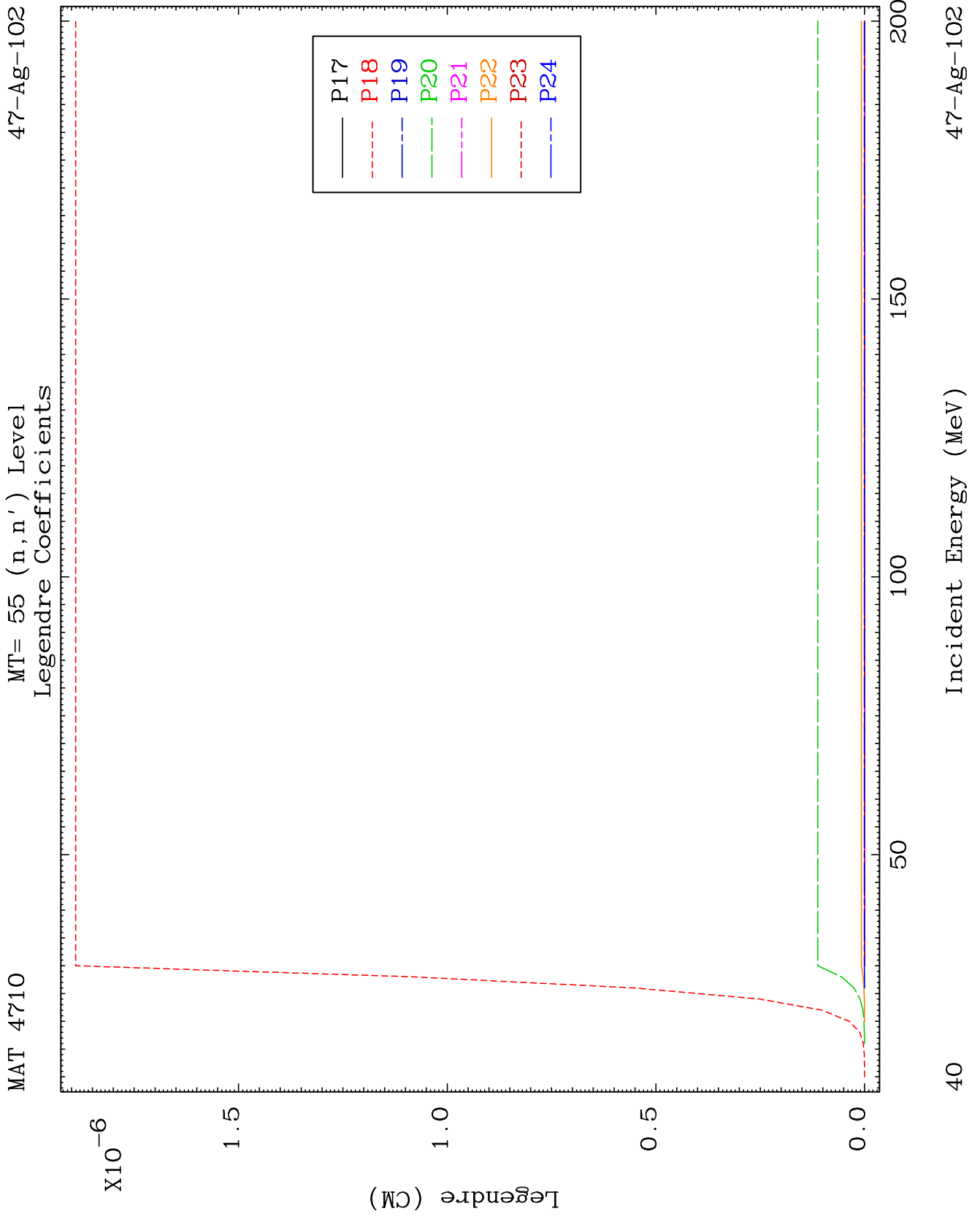


38

Incident Energy (MeV)

47-Ag-102

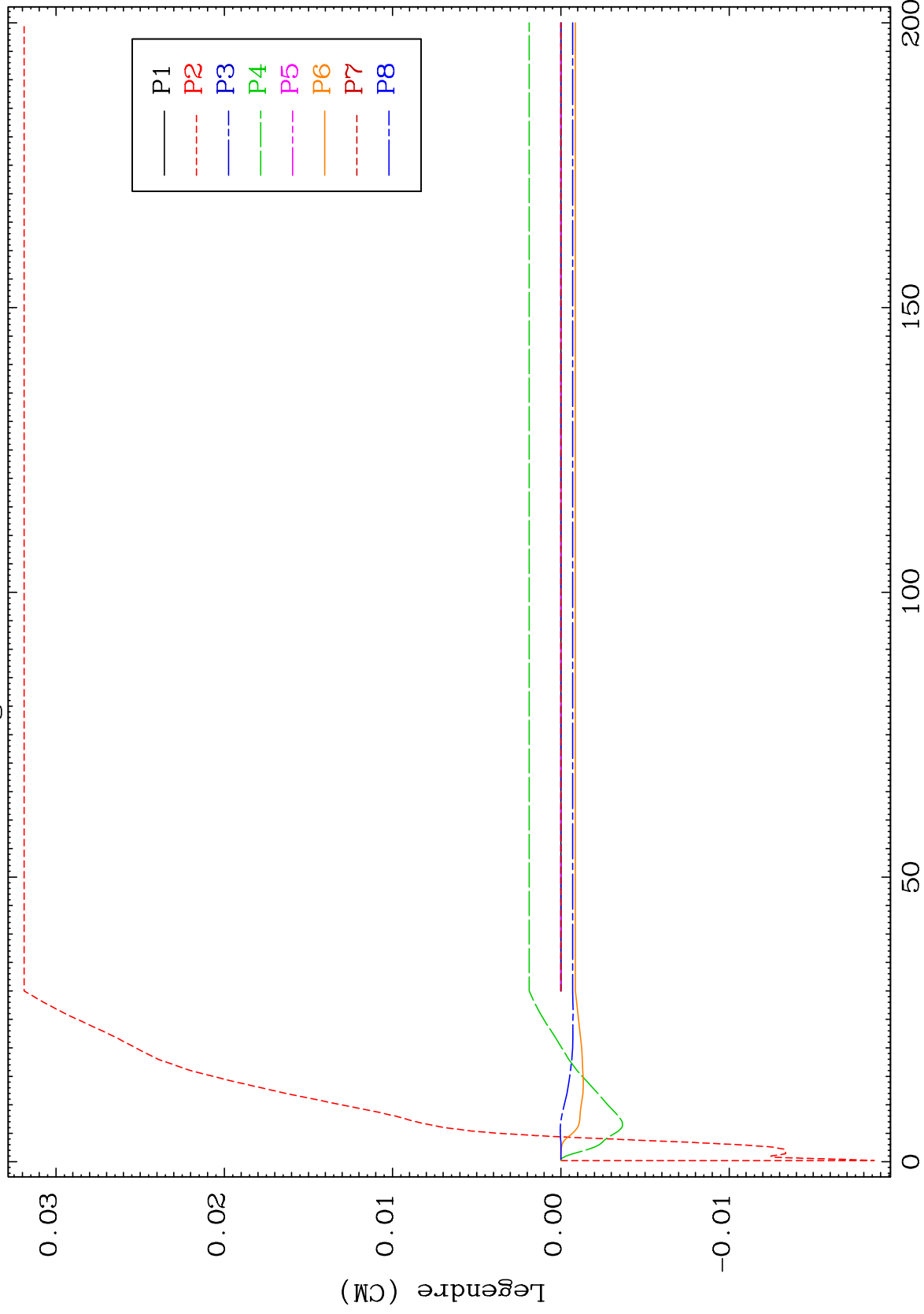




MAT 4710

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

47-Ag-102



41

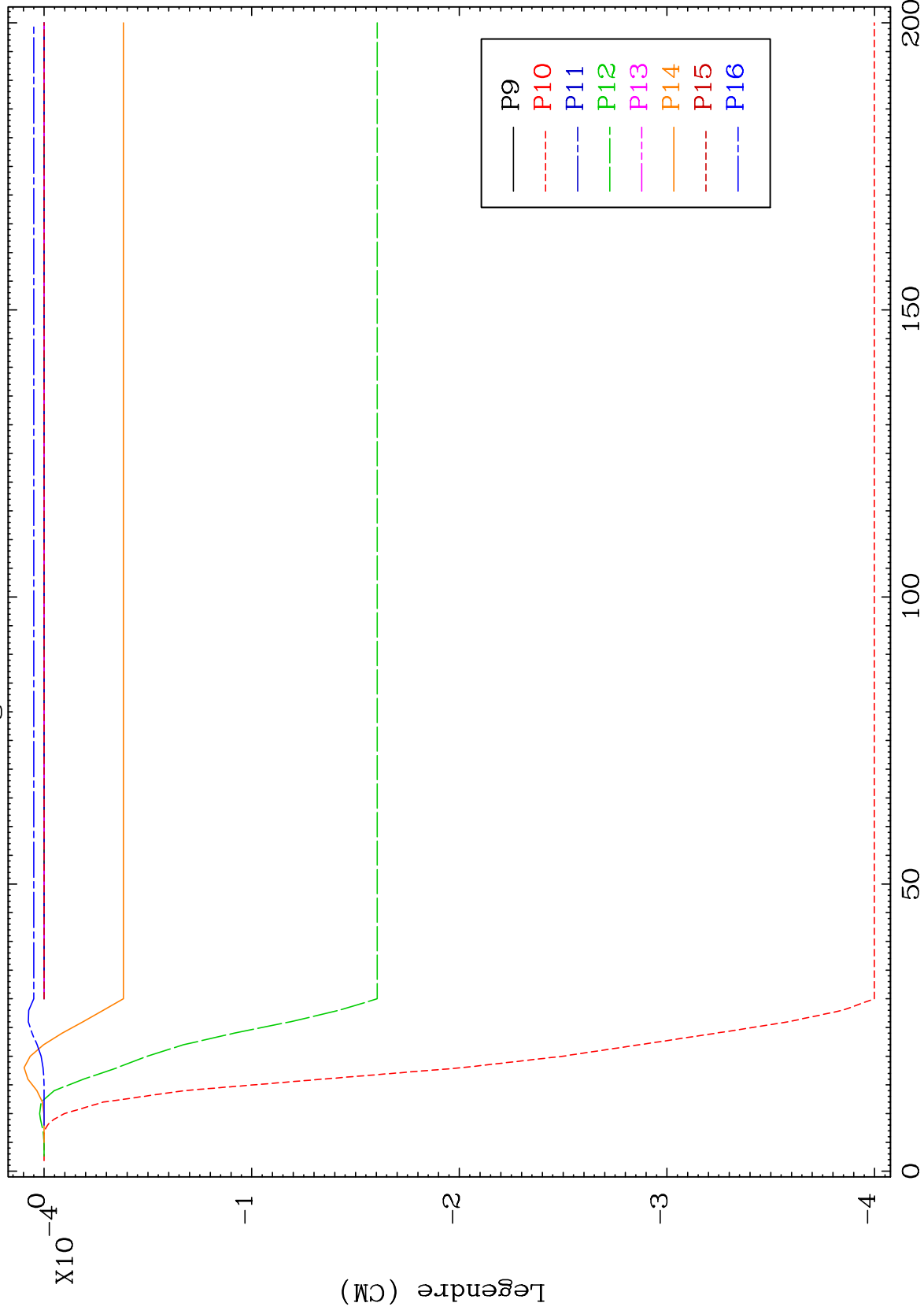
Incident Energy (MeV)

47-Ag-102

MAT 4710

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

47-Ag-102



42

Incident Energy (MeV)

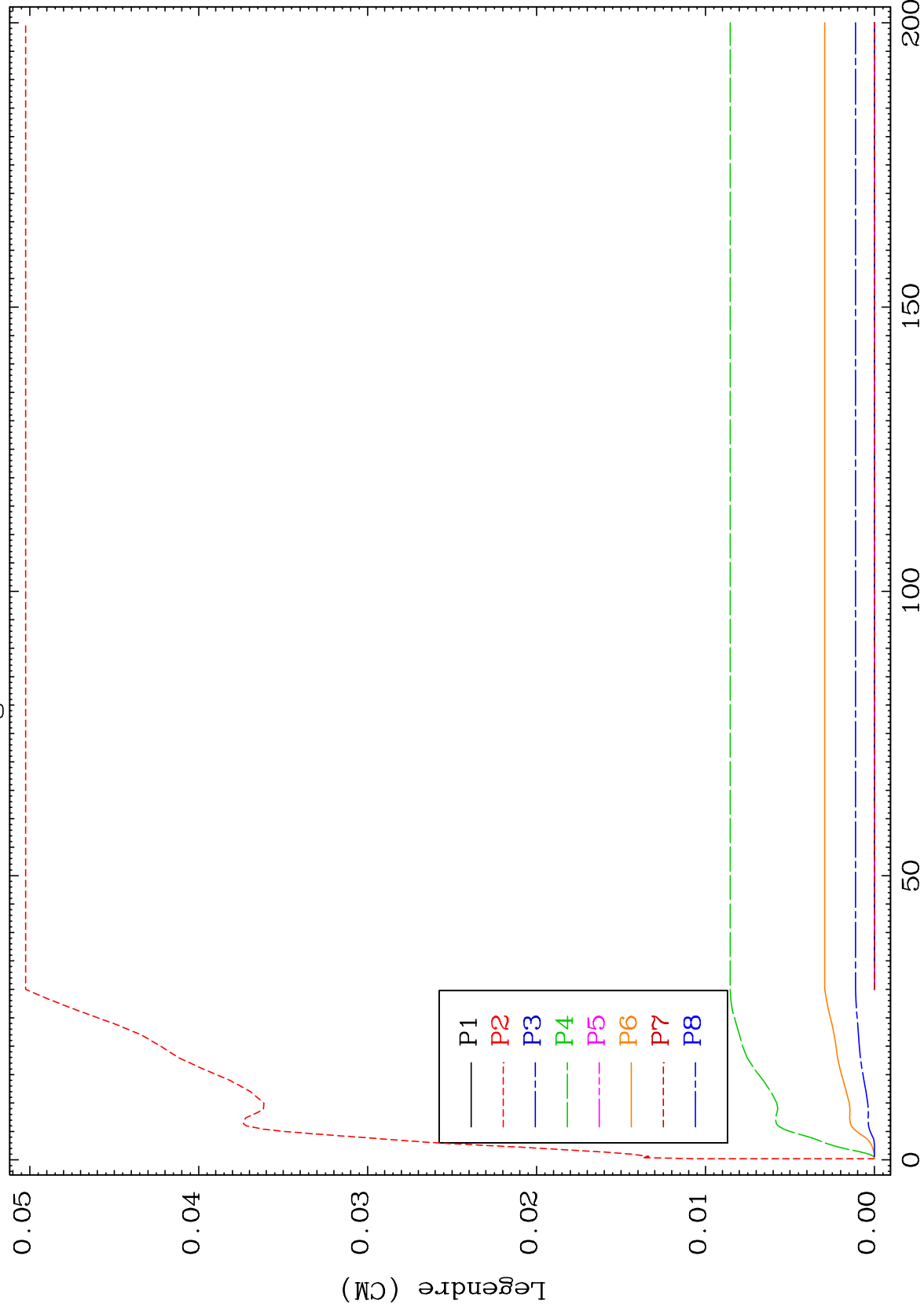
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MAT 4710

MT= 57 (n,n') Level  
Legendre Coefficients

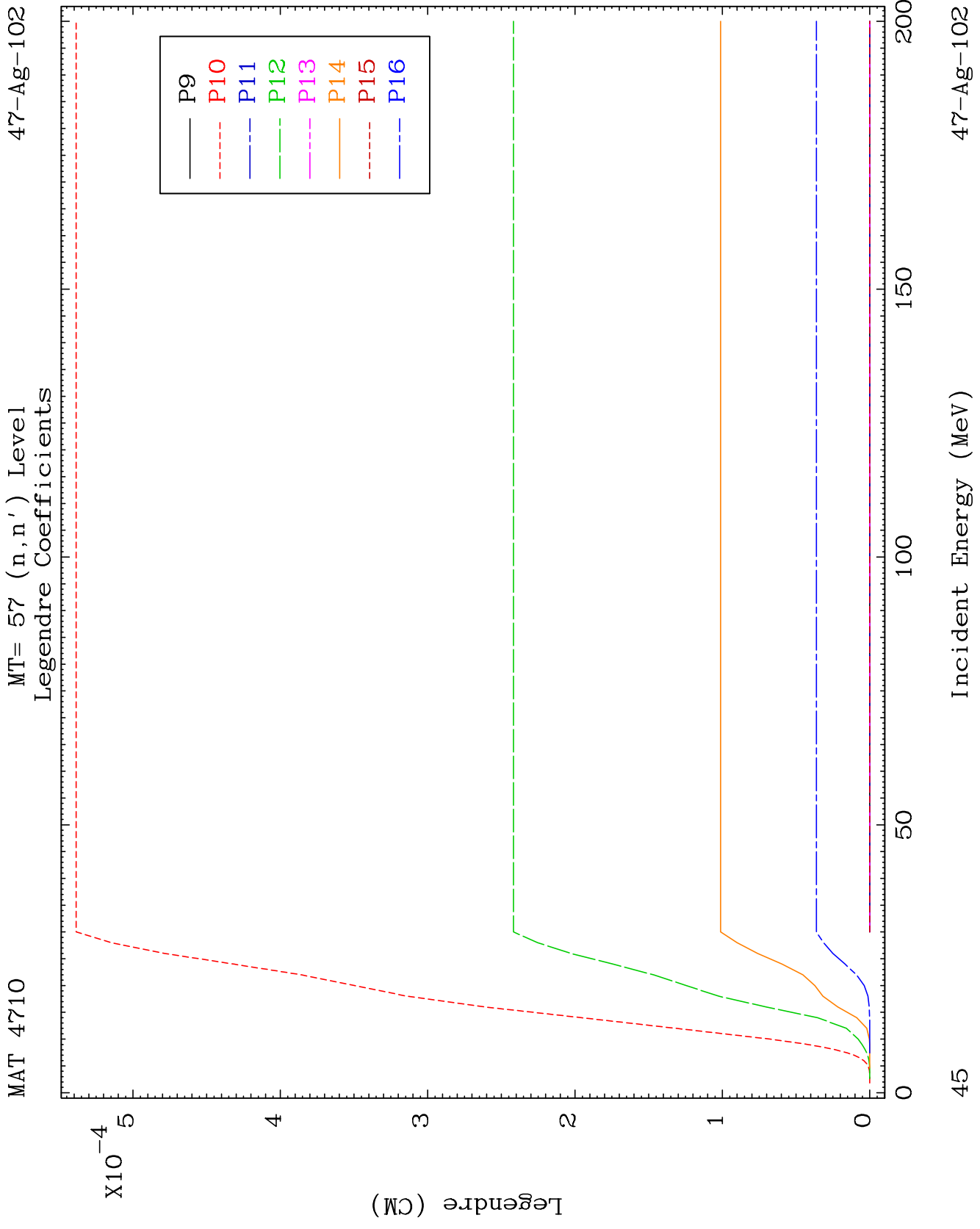
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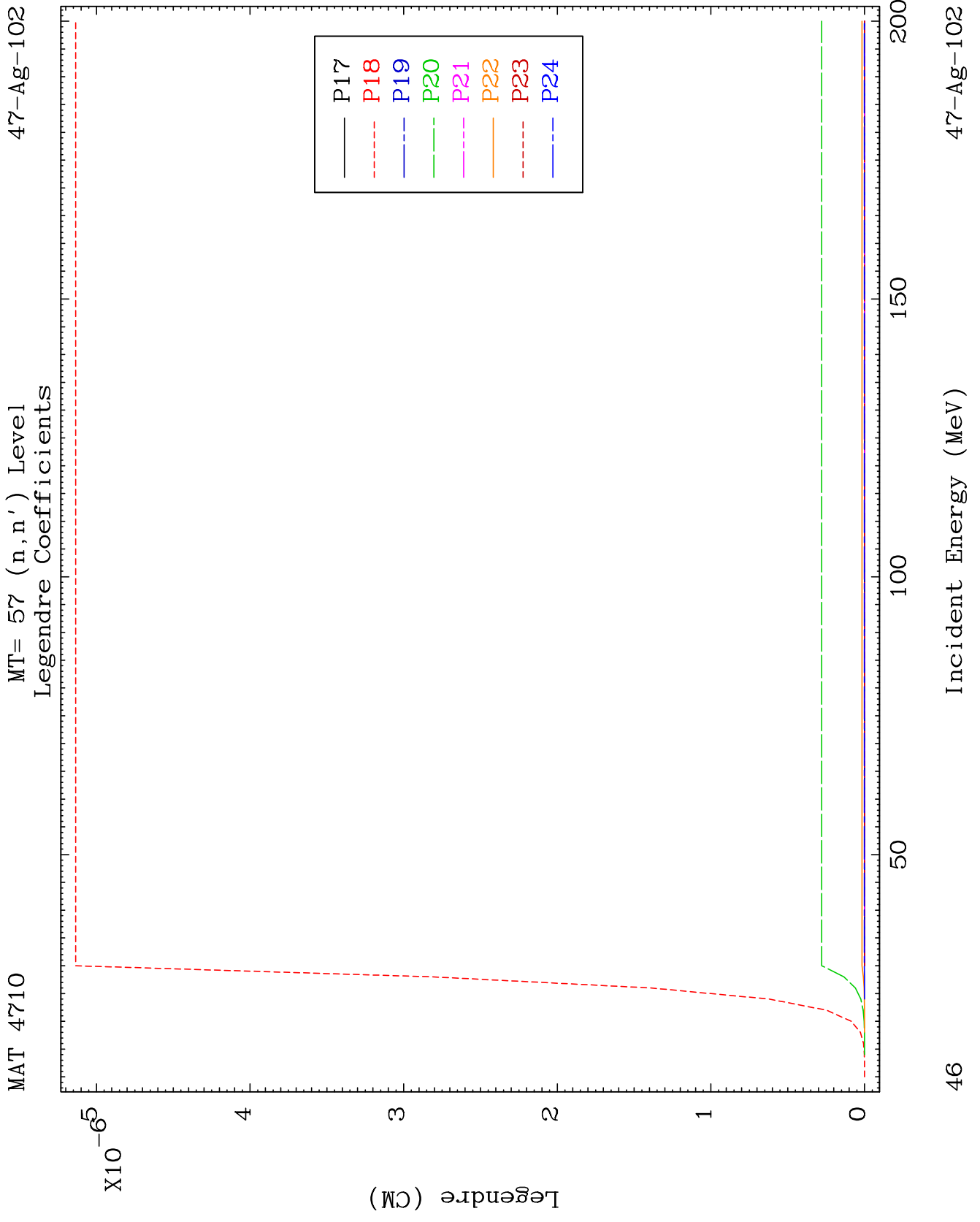


44

Incident Energy (MeV)

47-Ag-102

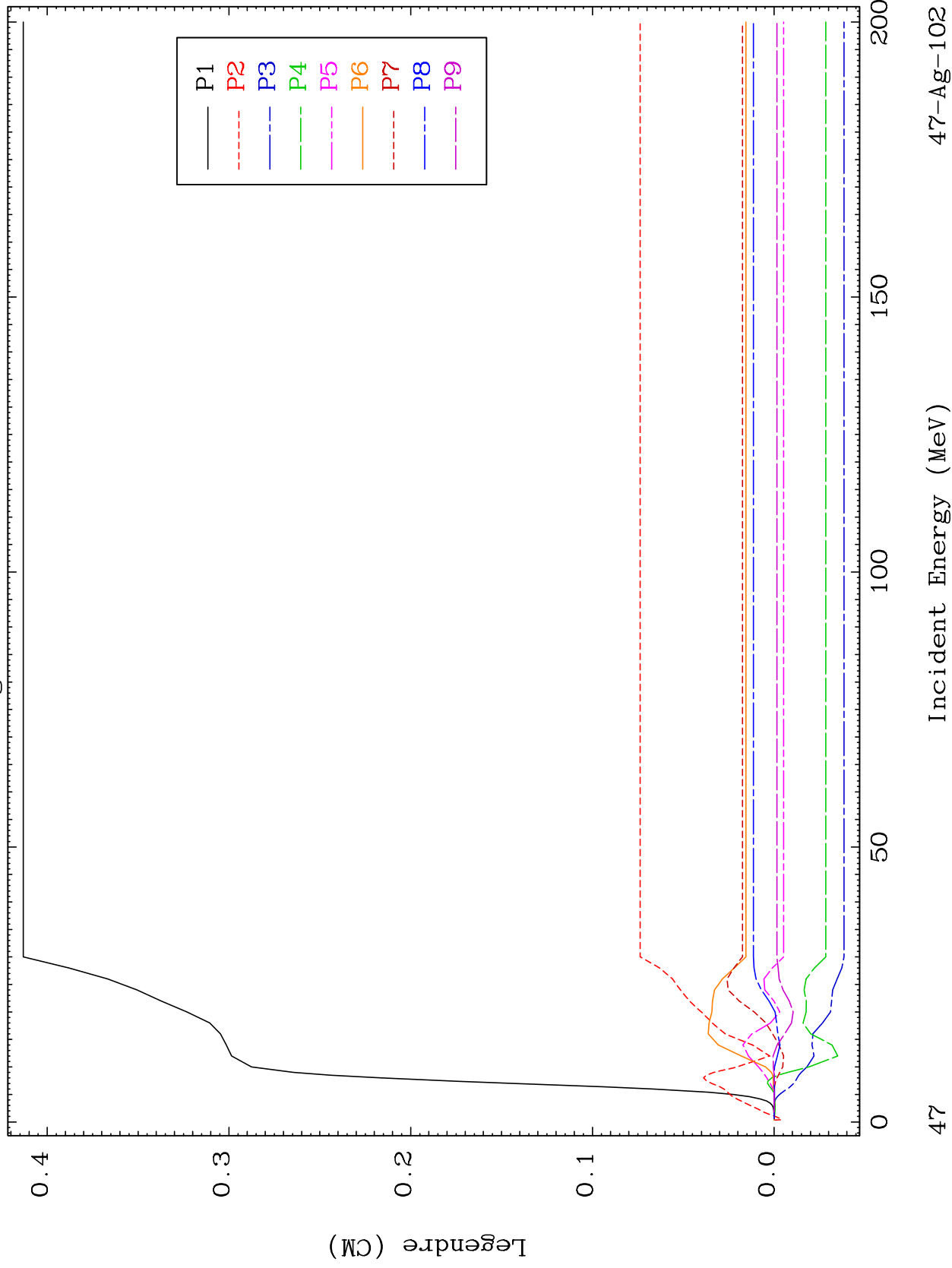




MAT 4710

MT= 58 (n,n') Level  
Legendre Coefficients

47-Ag-102



47

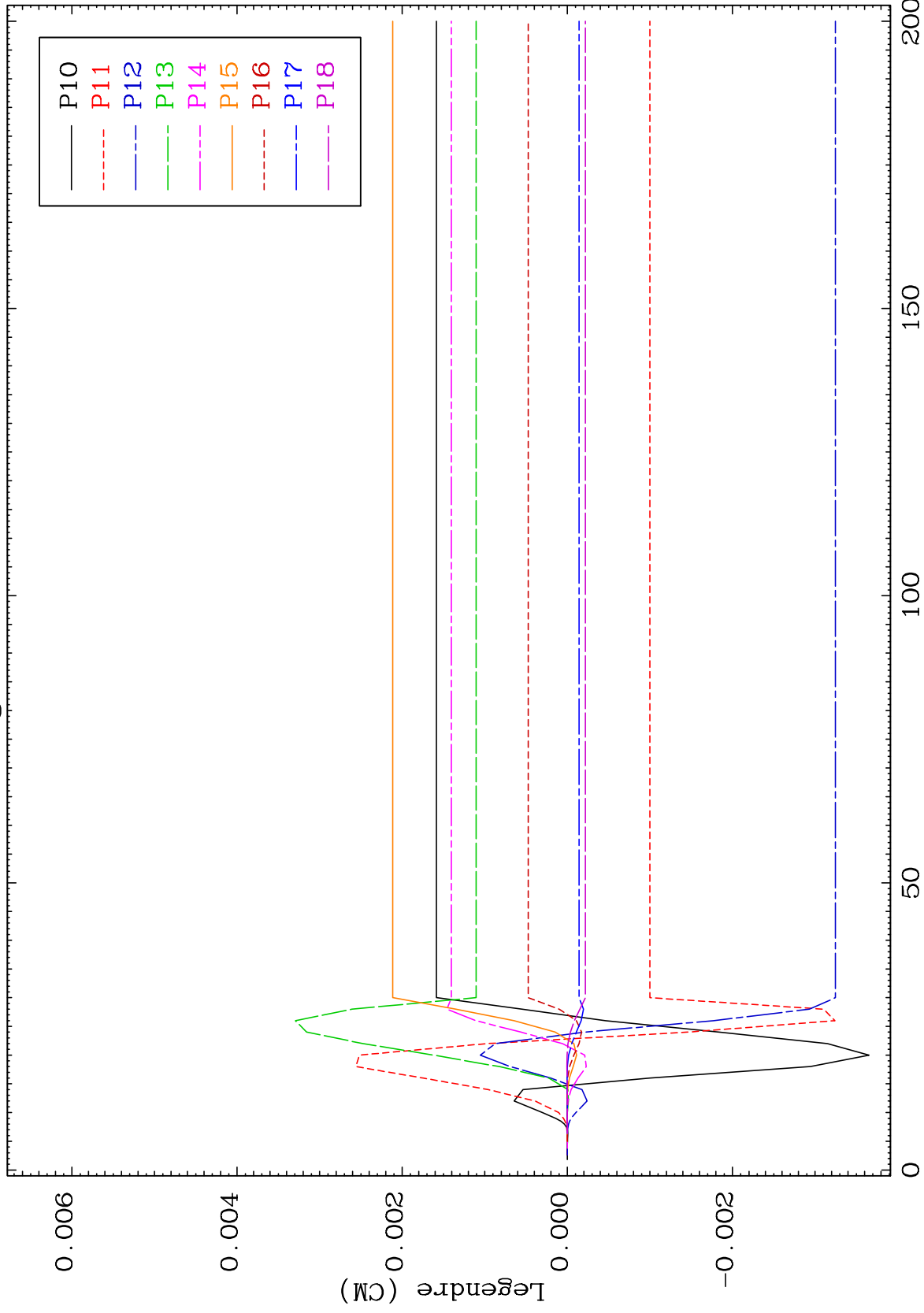
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 58 (n,n') Level  
Legendre Coefficients

47-Ag-102



48

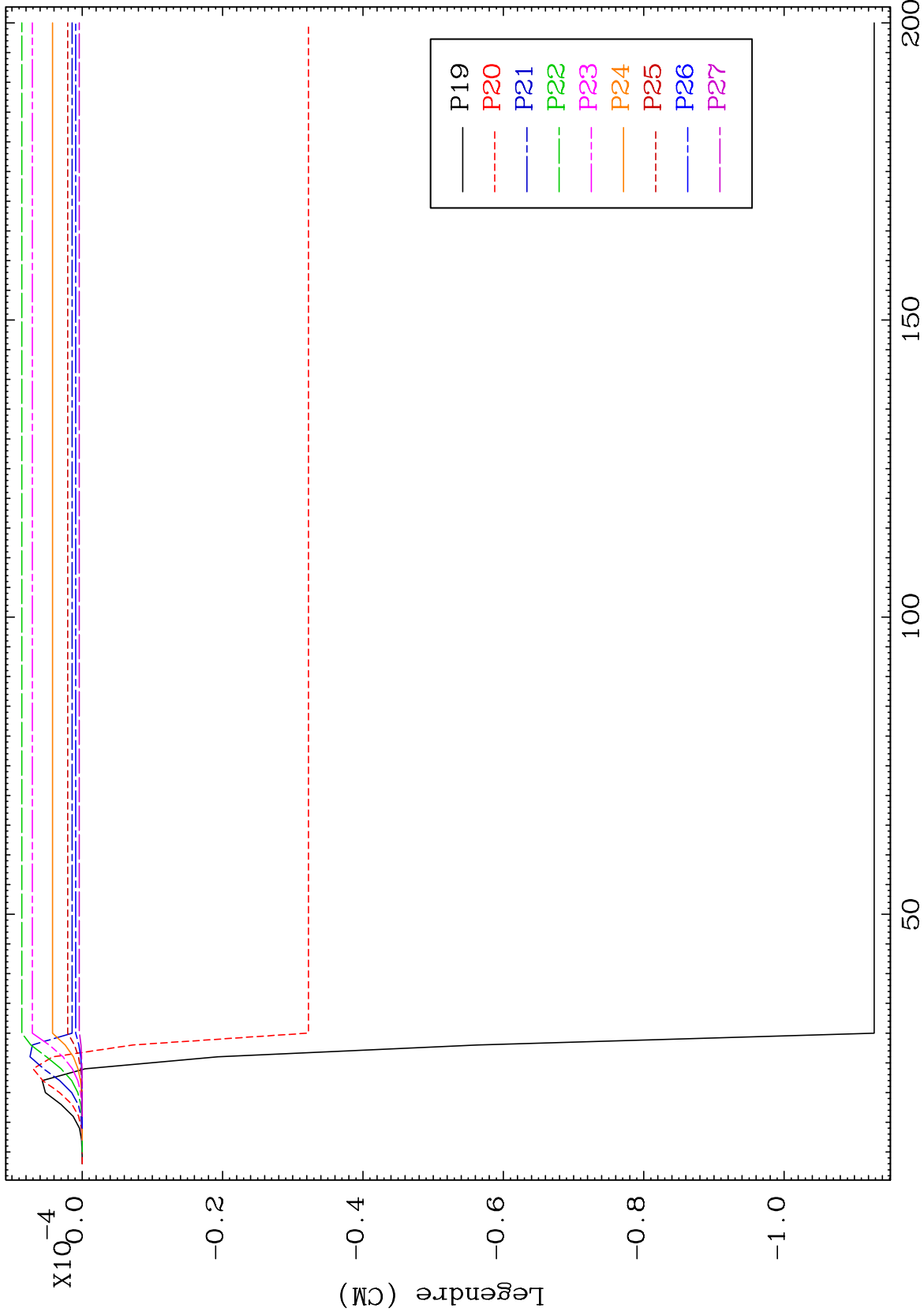
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 58 (n,n') Level  
Legendre Coefficients

47-Ag-102



49

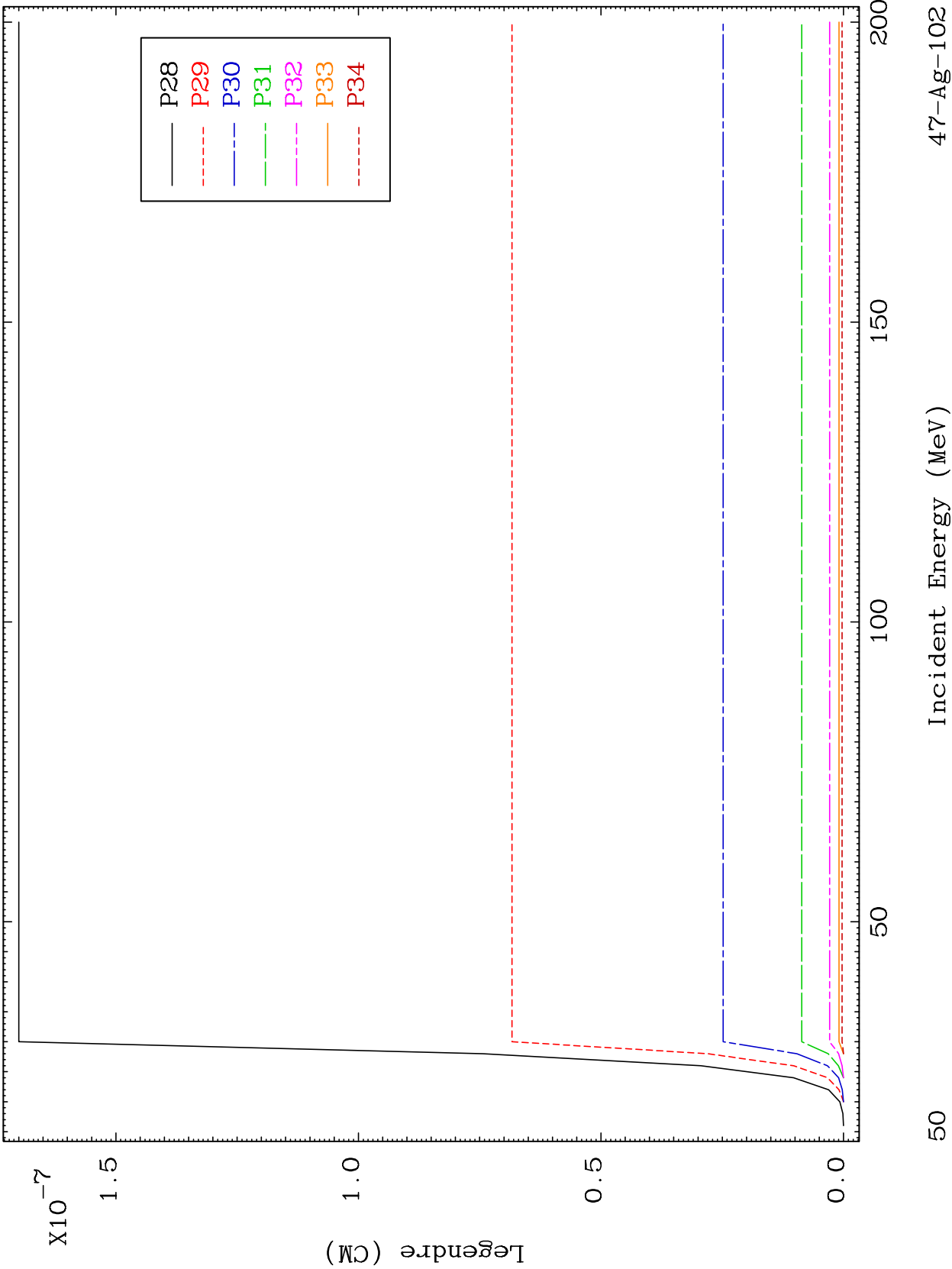
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 58 (n,n') Level  
Legendre Coefficients

47-Ag-102



47-Ag-102

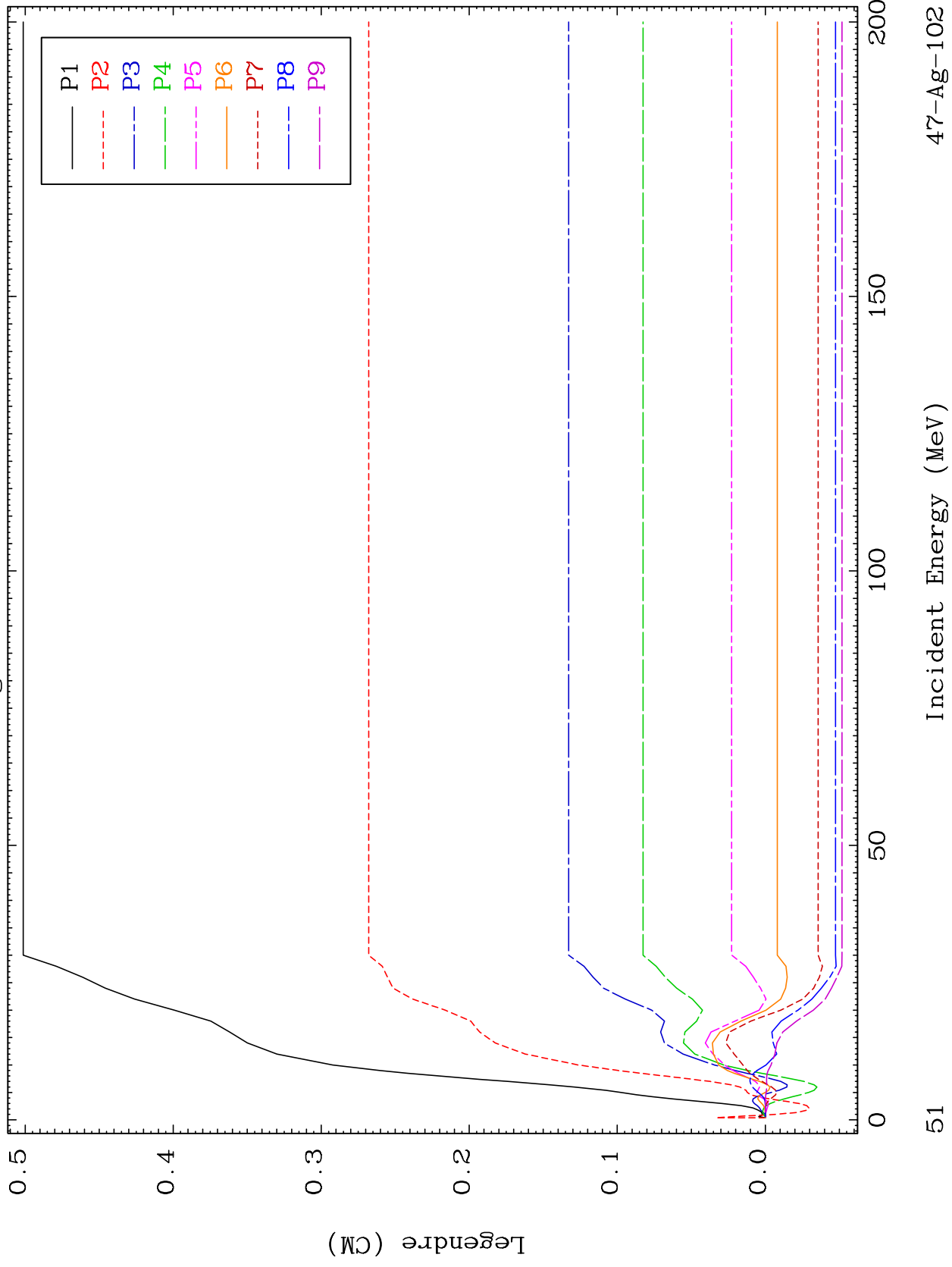
Incident Energy (MeV)

50

MAT 4710

MT= 59 (n,n') Level  
Legendre Coefficients

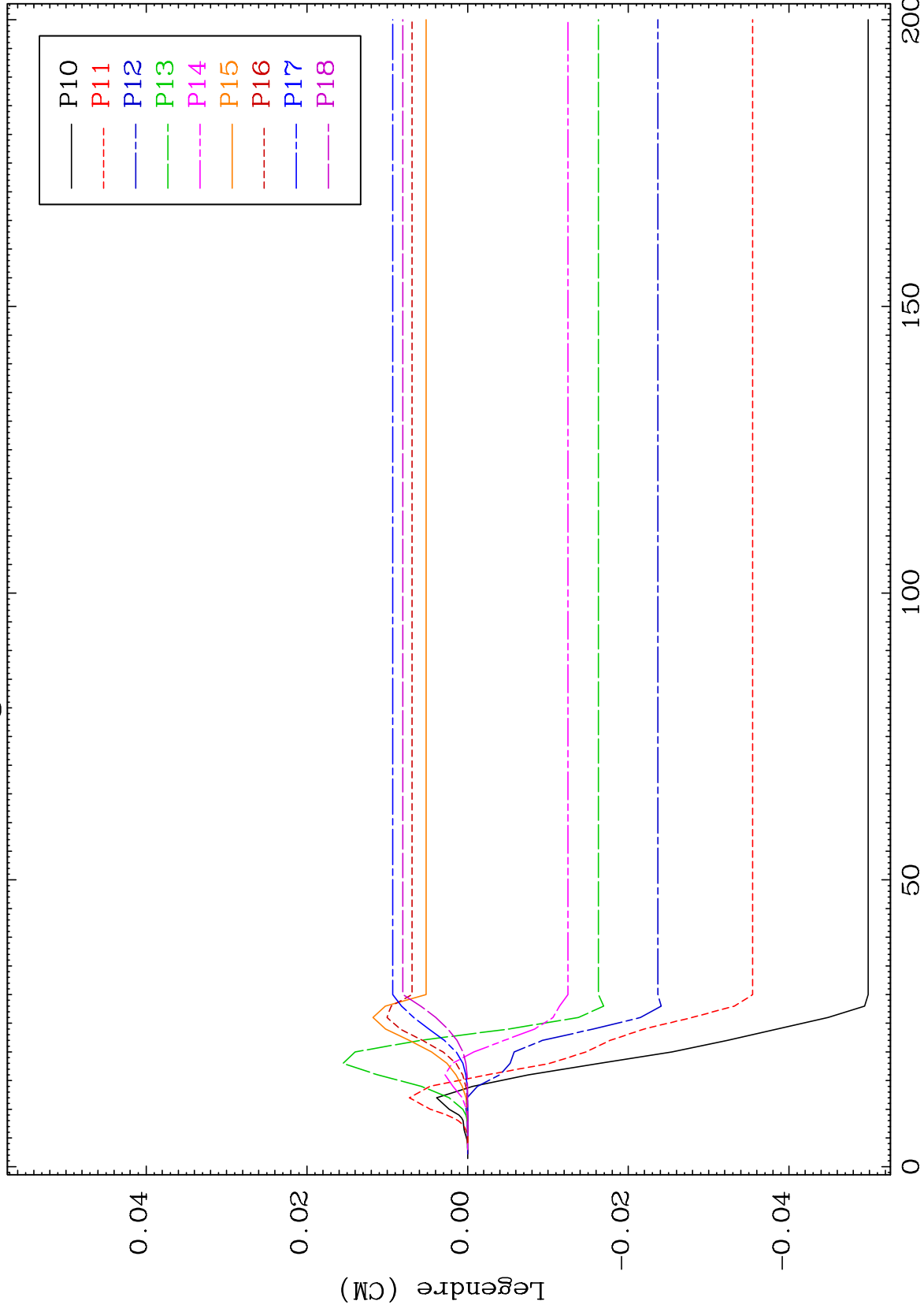
47-Ag-102



MAT 4710

MT= 59 (n,n') Level  
Legendre Coefficients

47-Ag-102



52

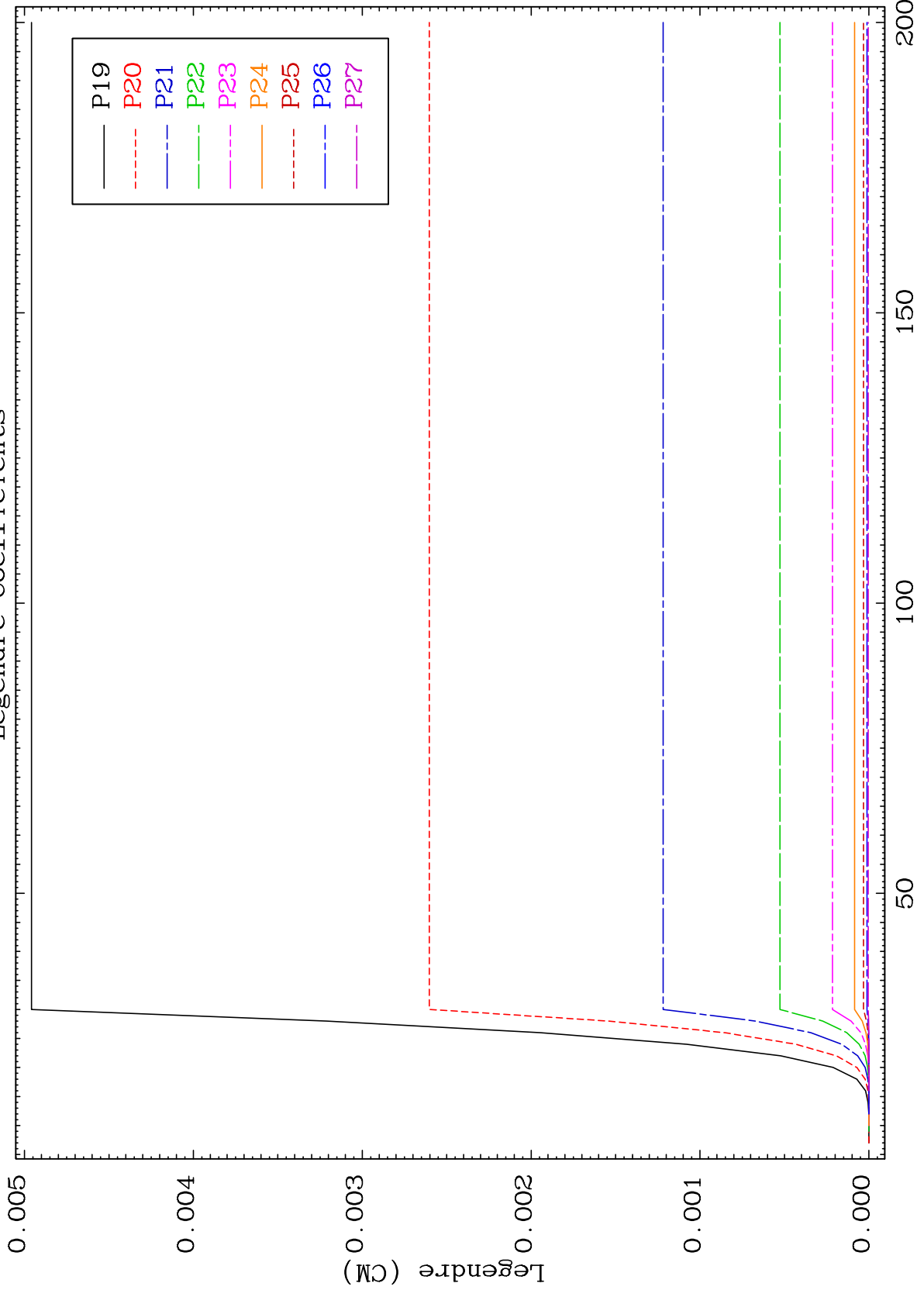
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 59 (n,n') Level  
Legendre Coefficients

47-Ag-102



53

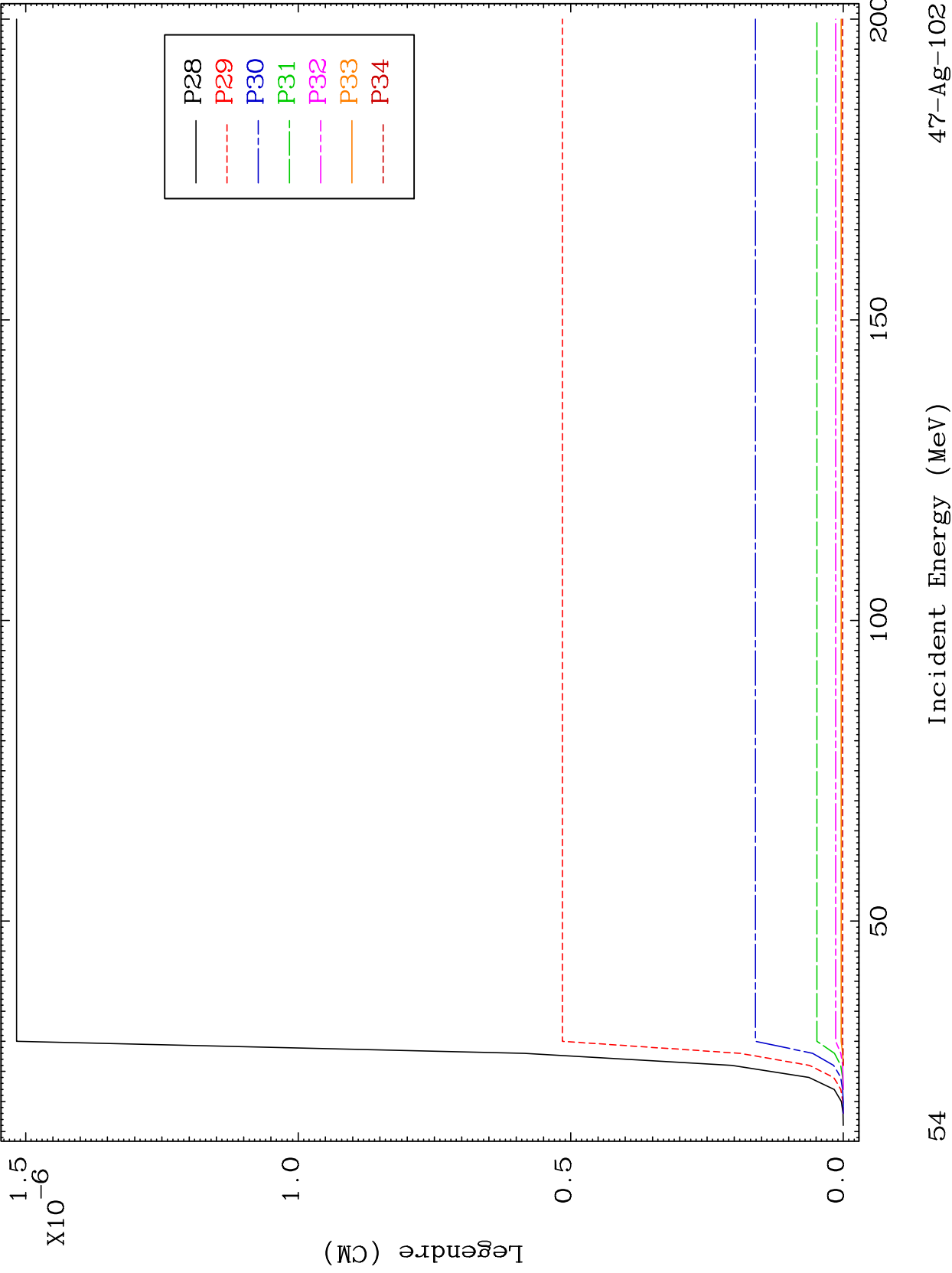
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 59 (n,n') Level  
Legendre Coefficients

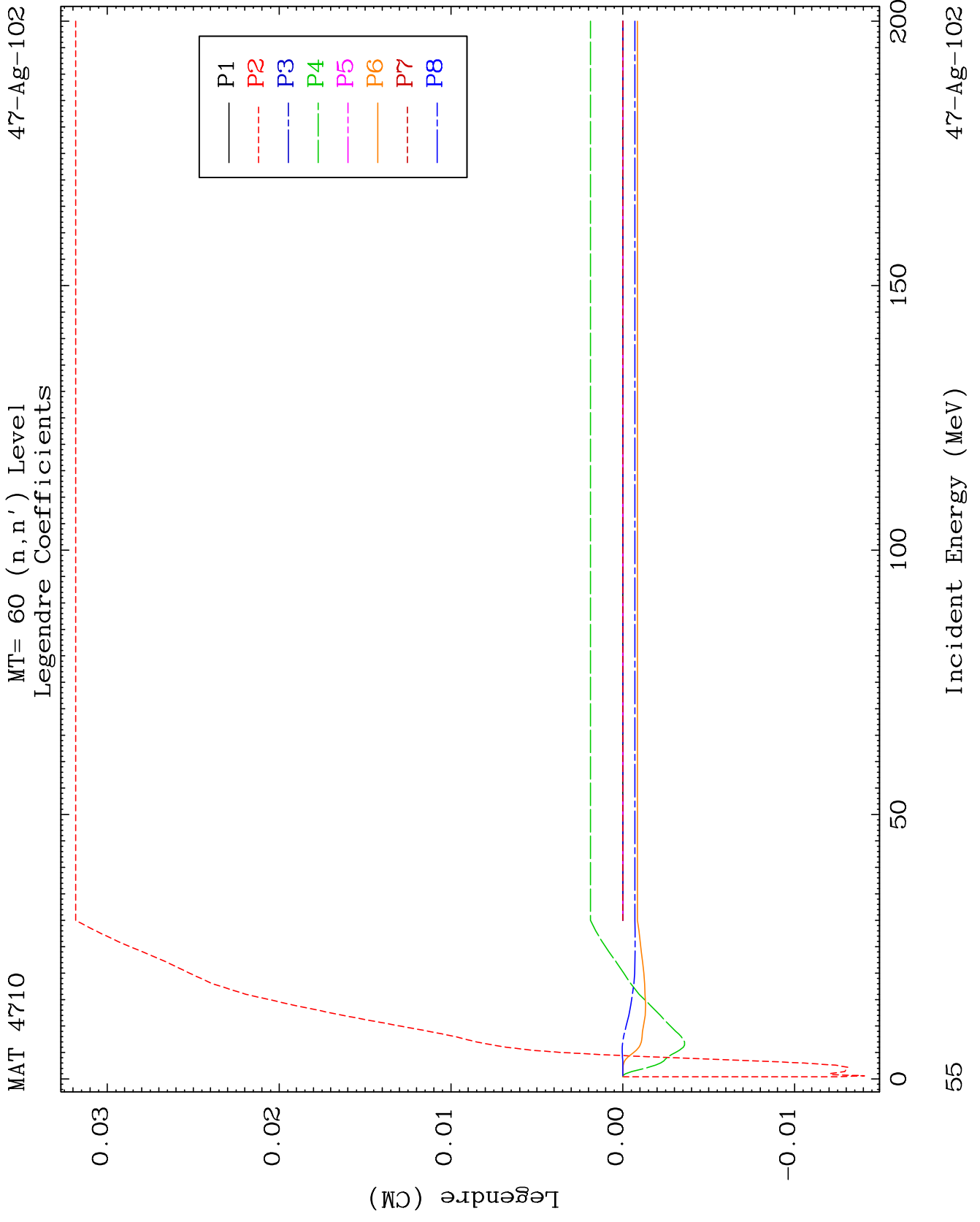
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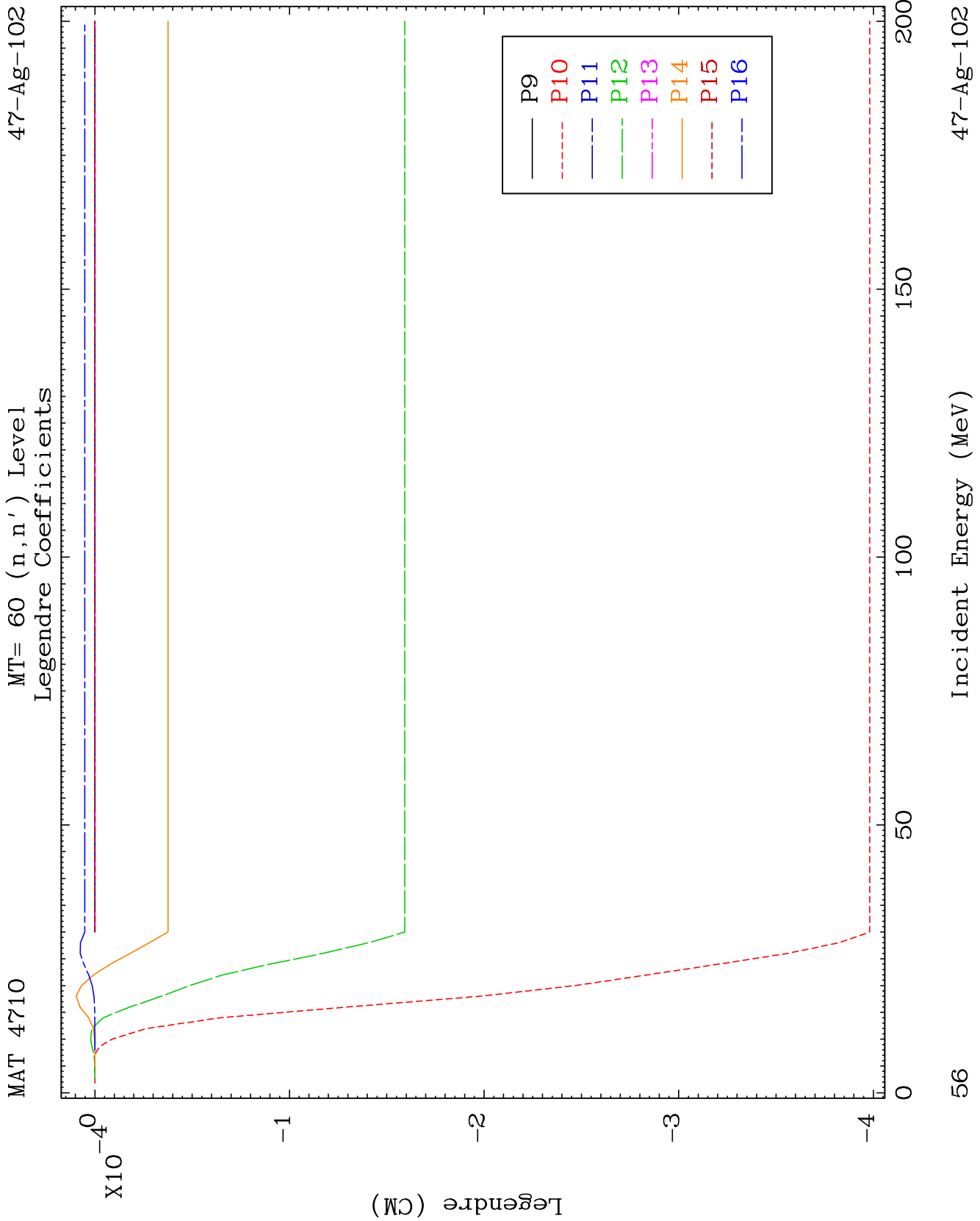


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Incident Energy (MeV)

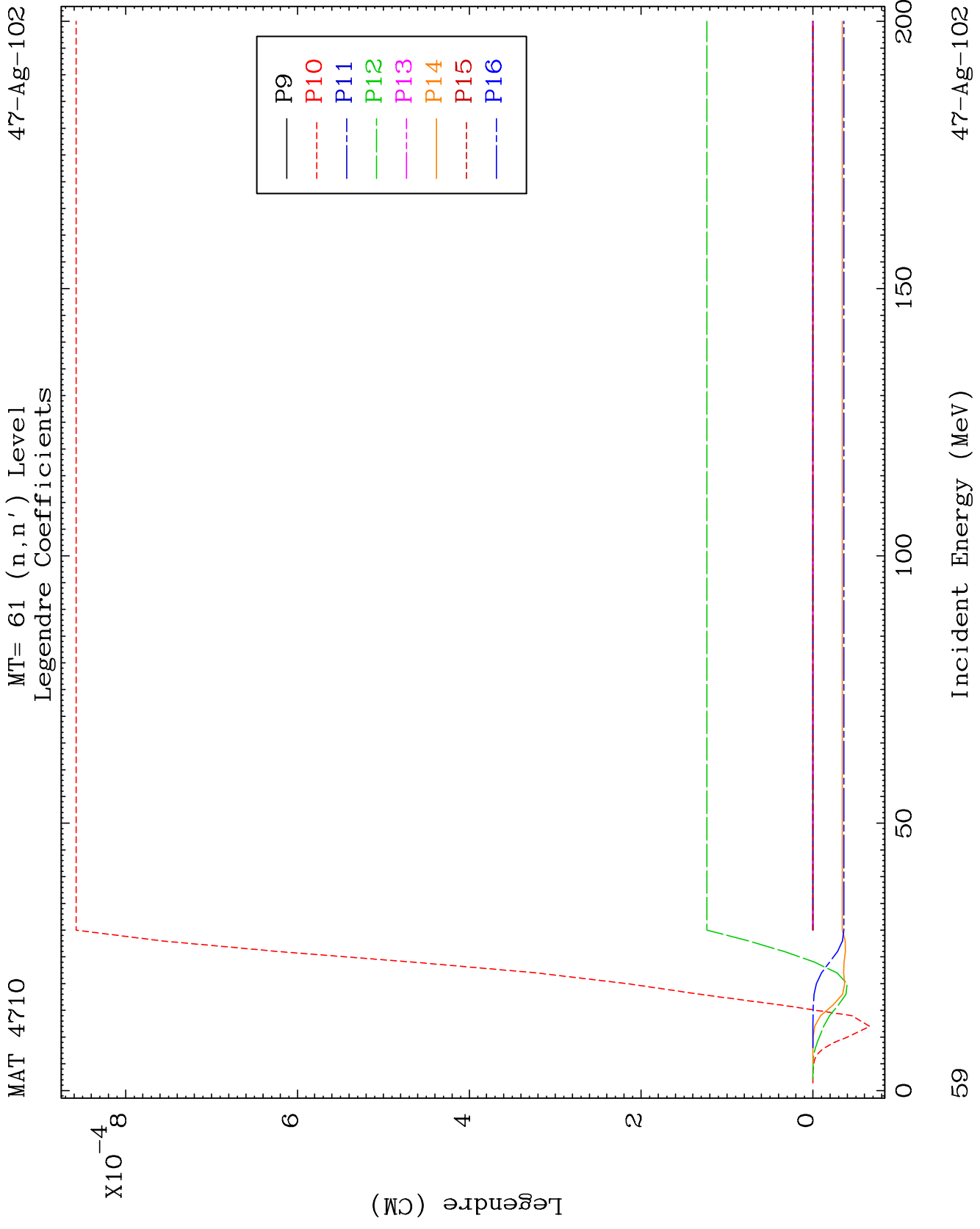
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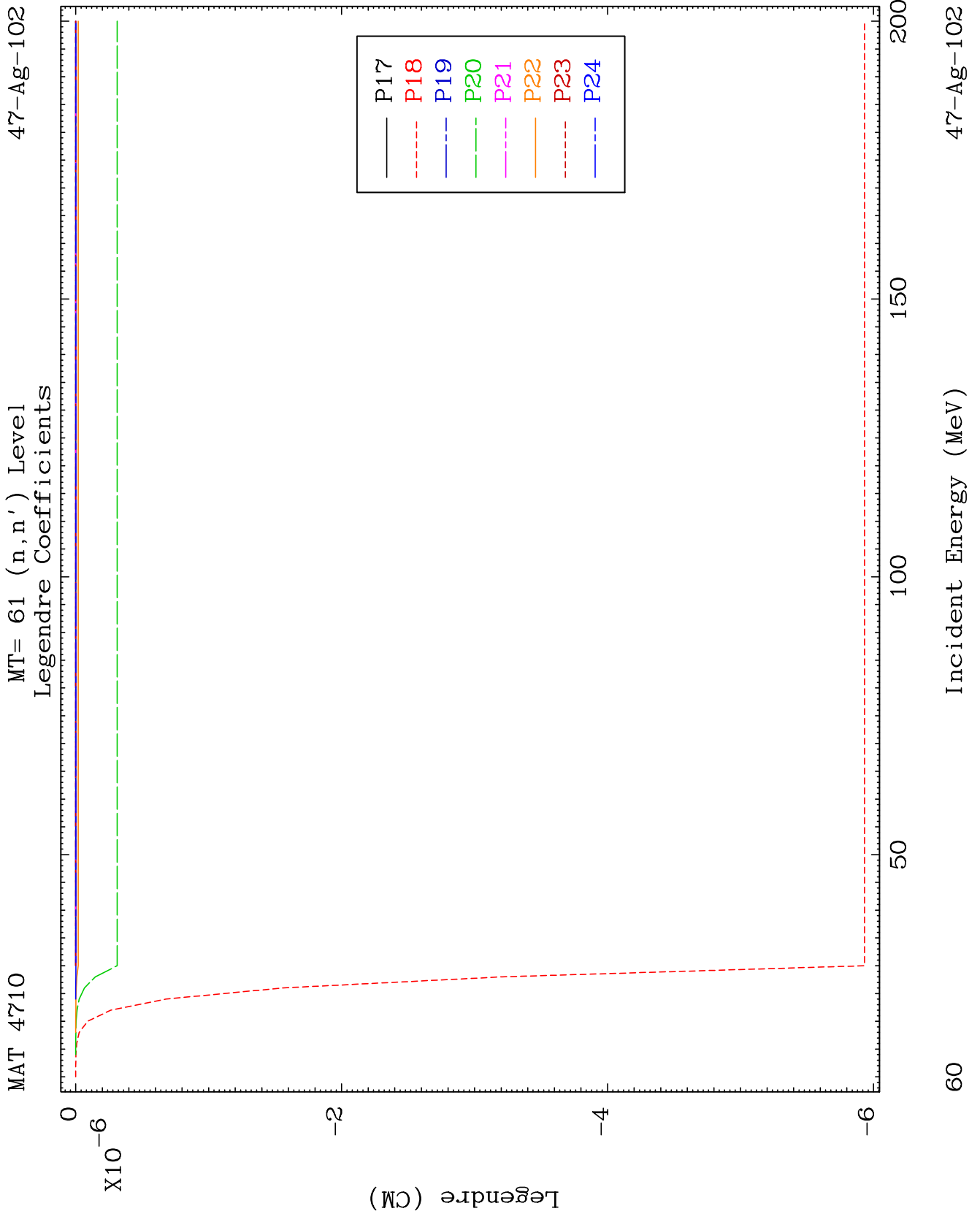








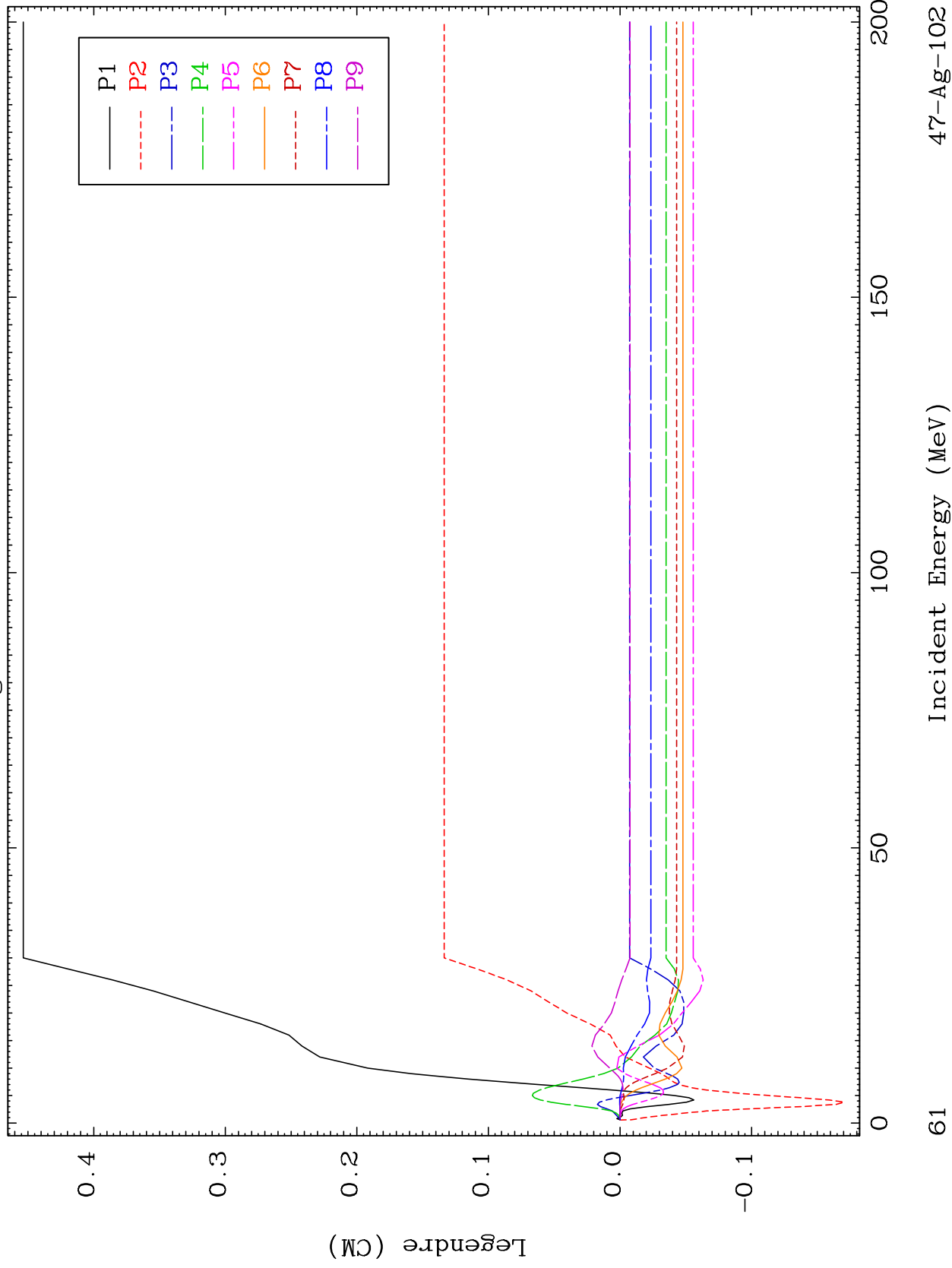




MAT 4710

MT= 62 (n,n') Level  
Legendre Coefficients

47-Ag-102



47-Ag-102

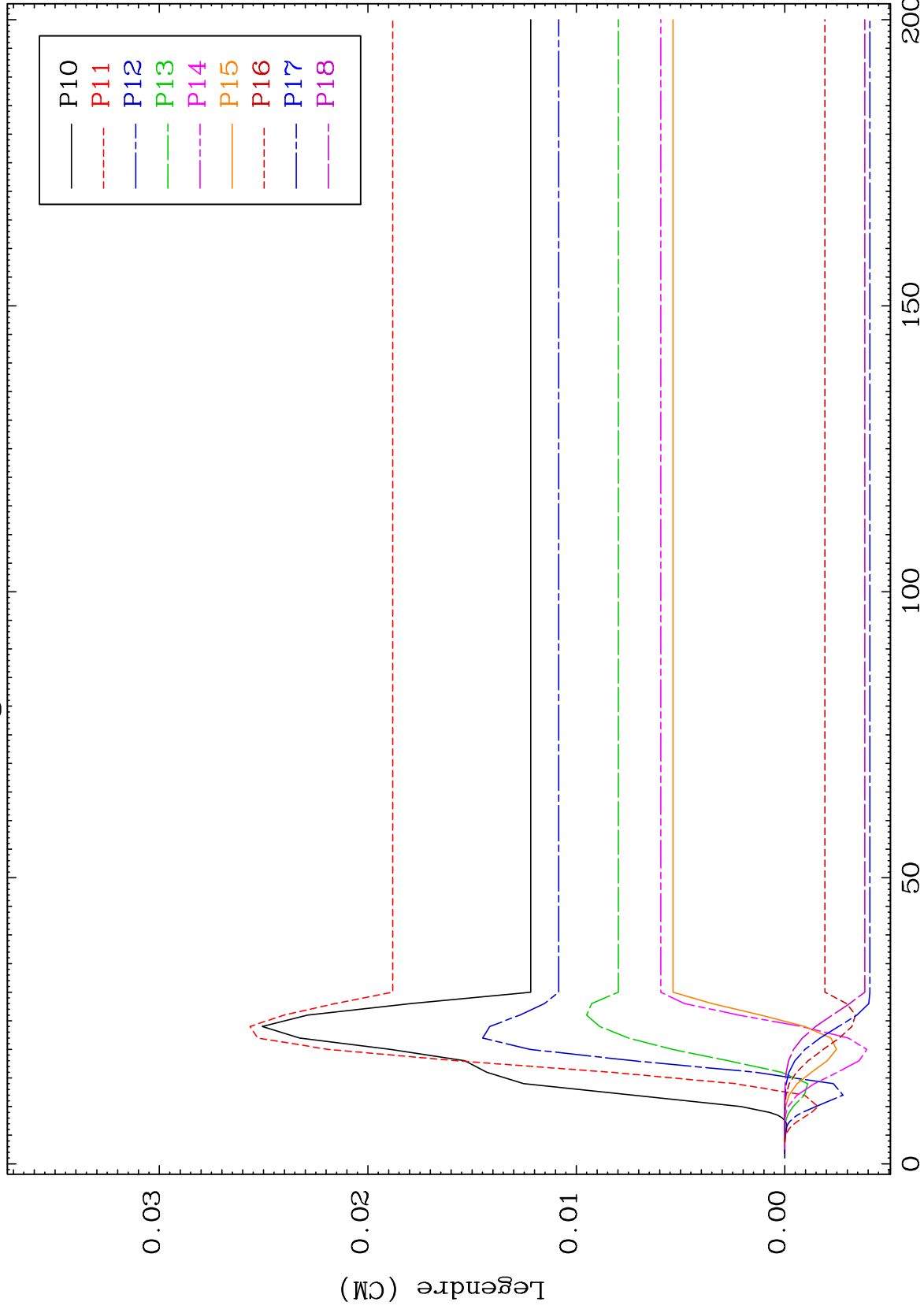
Incident Energy (MeV)

61

MAT 4710

MT= 62 (n,n') Level  
Legendre Coefficients

47-Ag-102



62

Incident Energy (MeV)

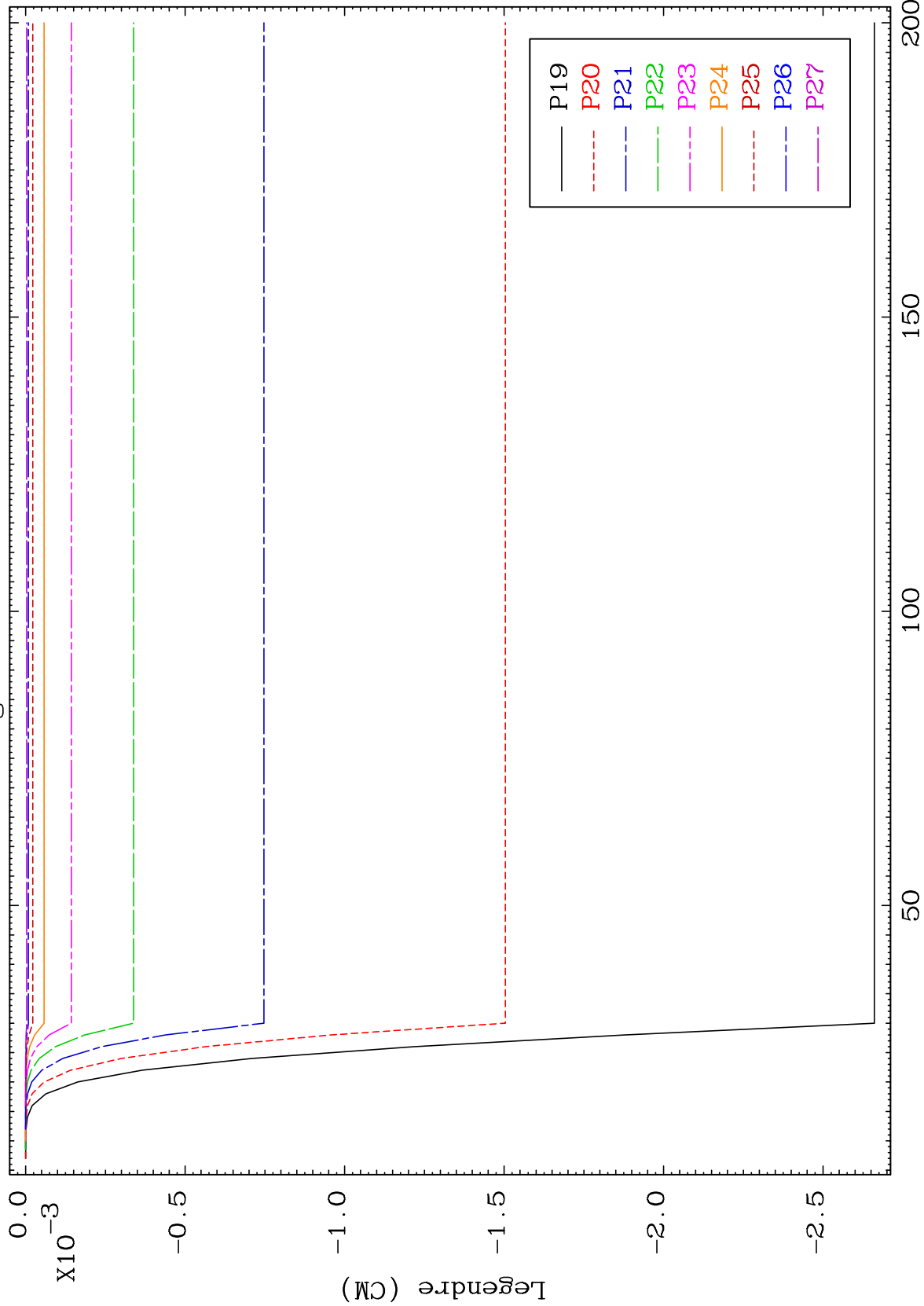
47-Ag-102

MAT 4710

MT= 62 (n,n') Level

47-Ag-102

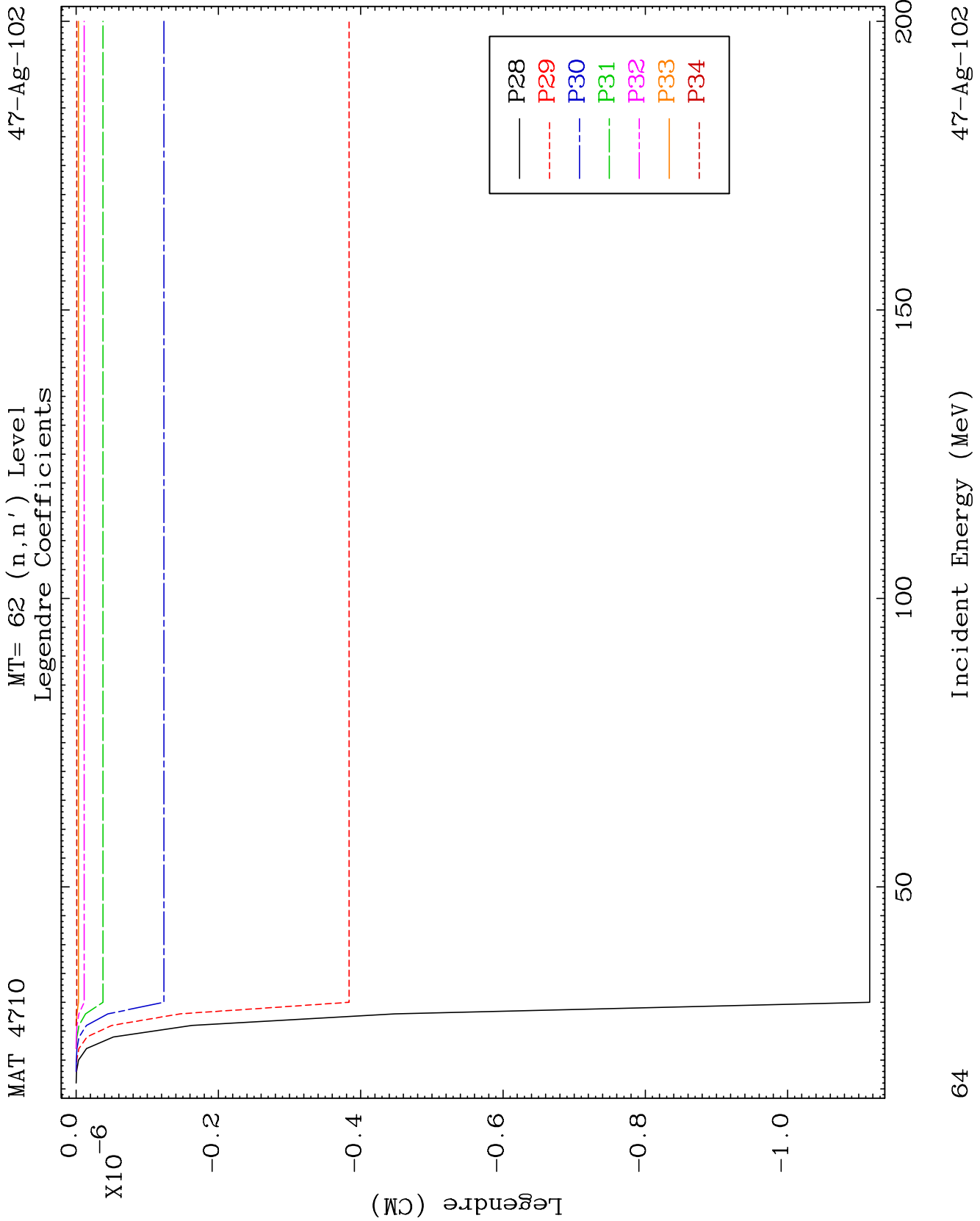
Legendre Coefficients



47-Ag-102

Incident Energy (MeV)

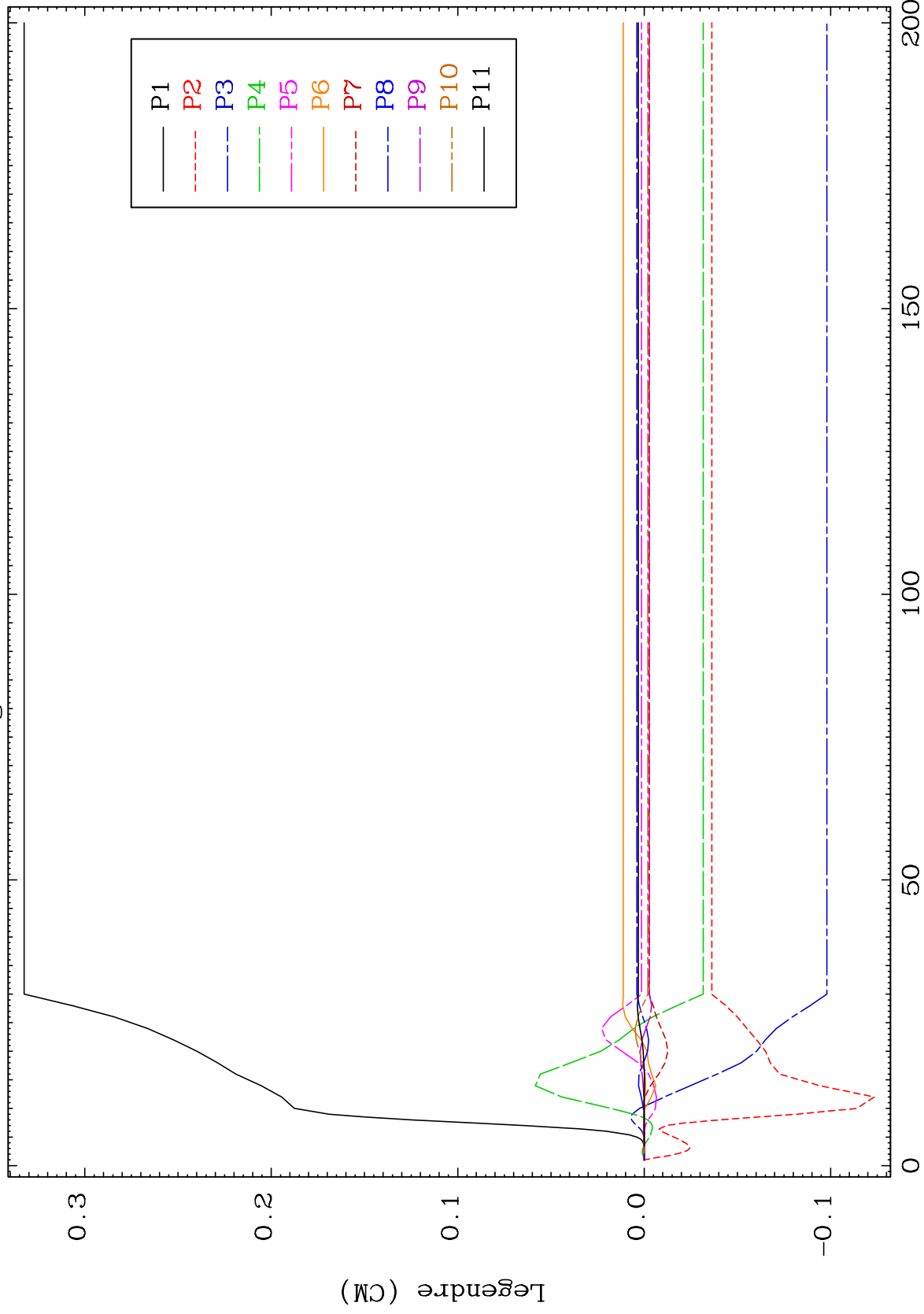
63



MAT 4710

MT= 63 (n,n') Level  
Legendre Coefficients

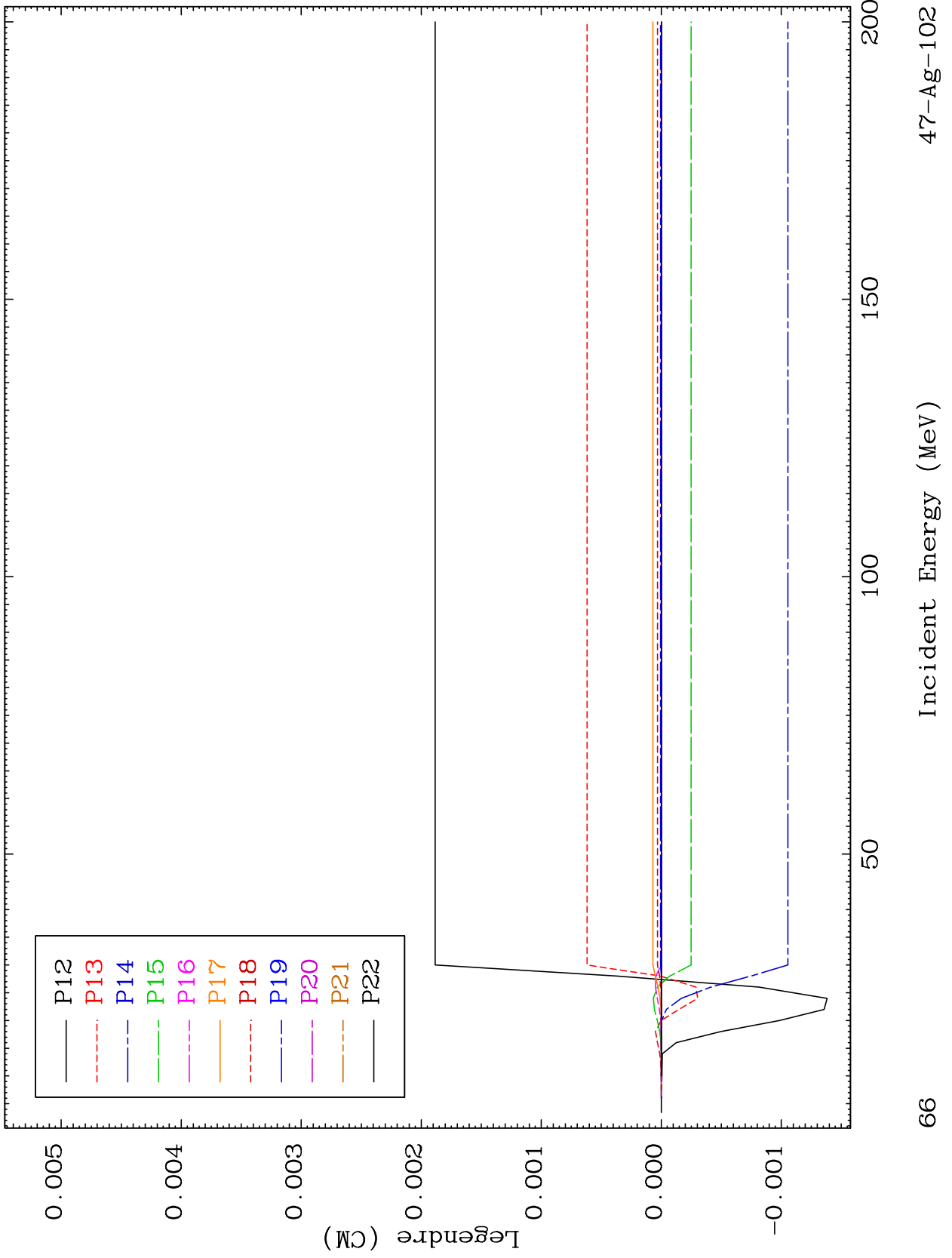
47-Ag-102

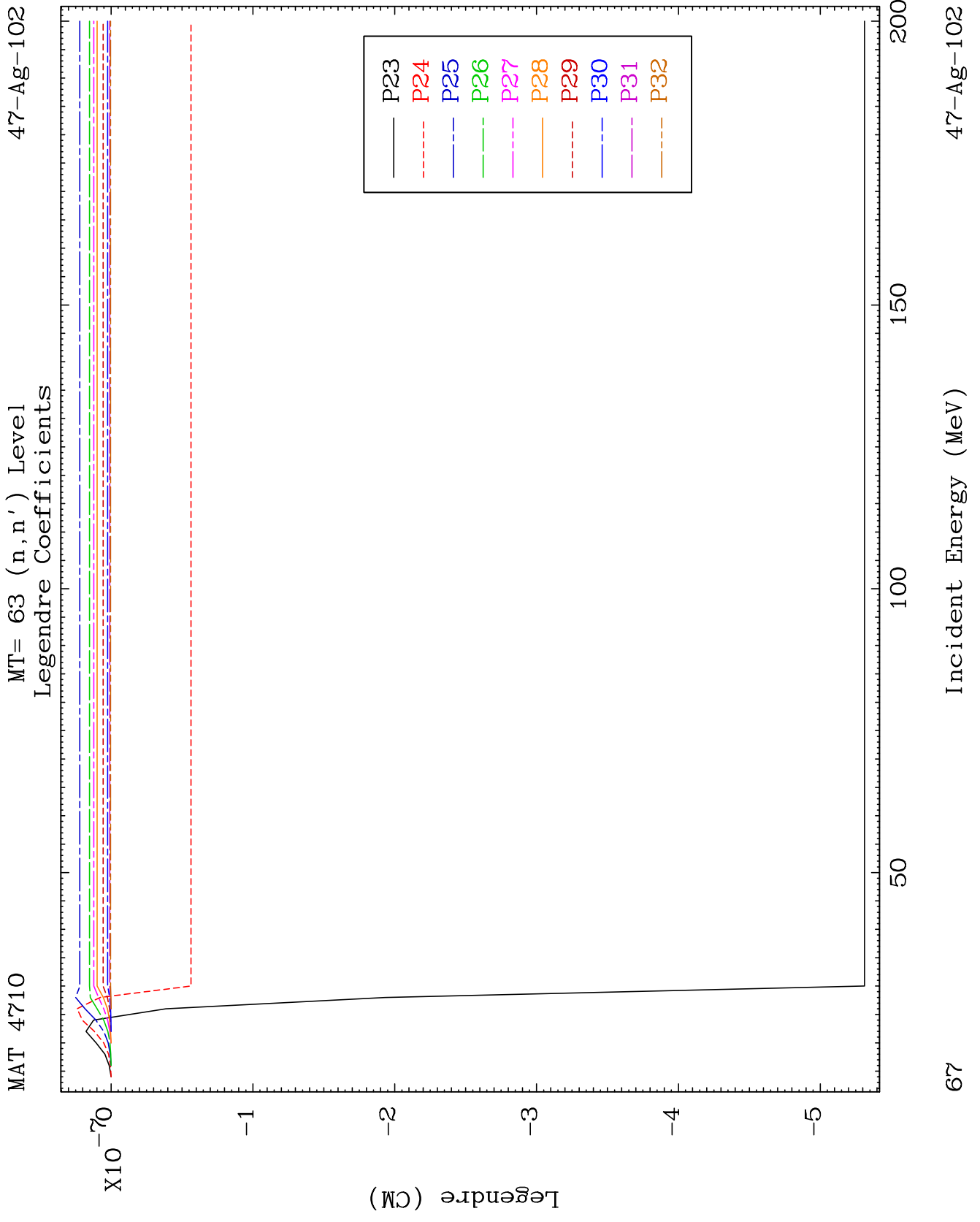


65

Incident Energy (MeV)

47-Ag-102

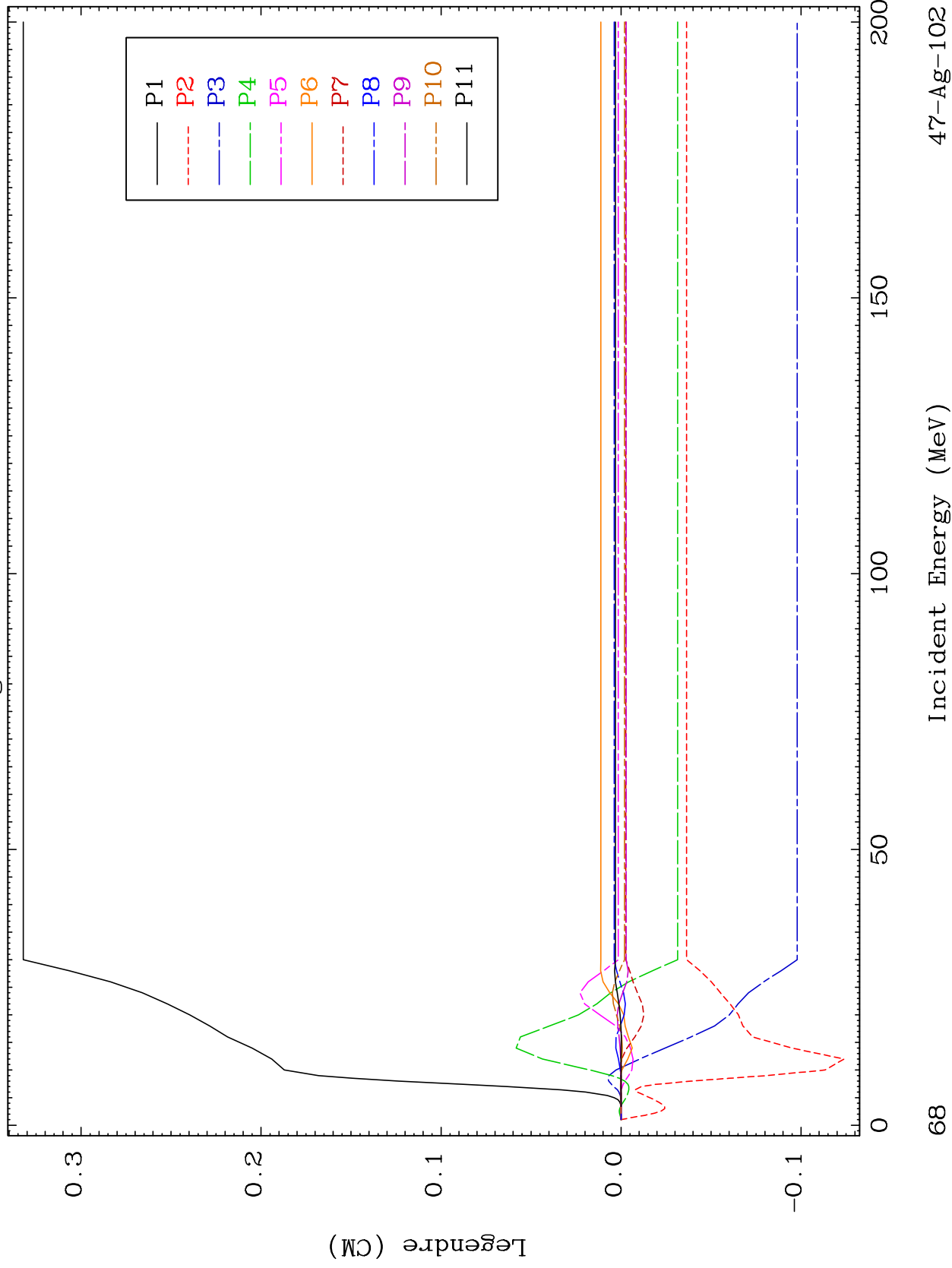




MAT 4710

MT= 64 (n,n') Level  
Legendre Coefficients

47-Ag-102



47-Ag-102

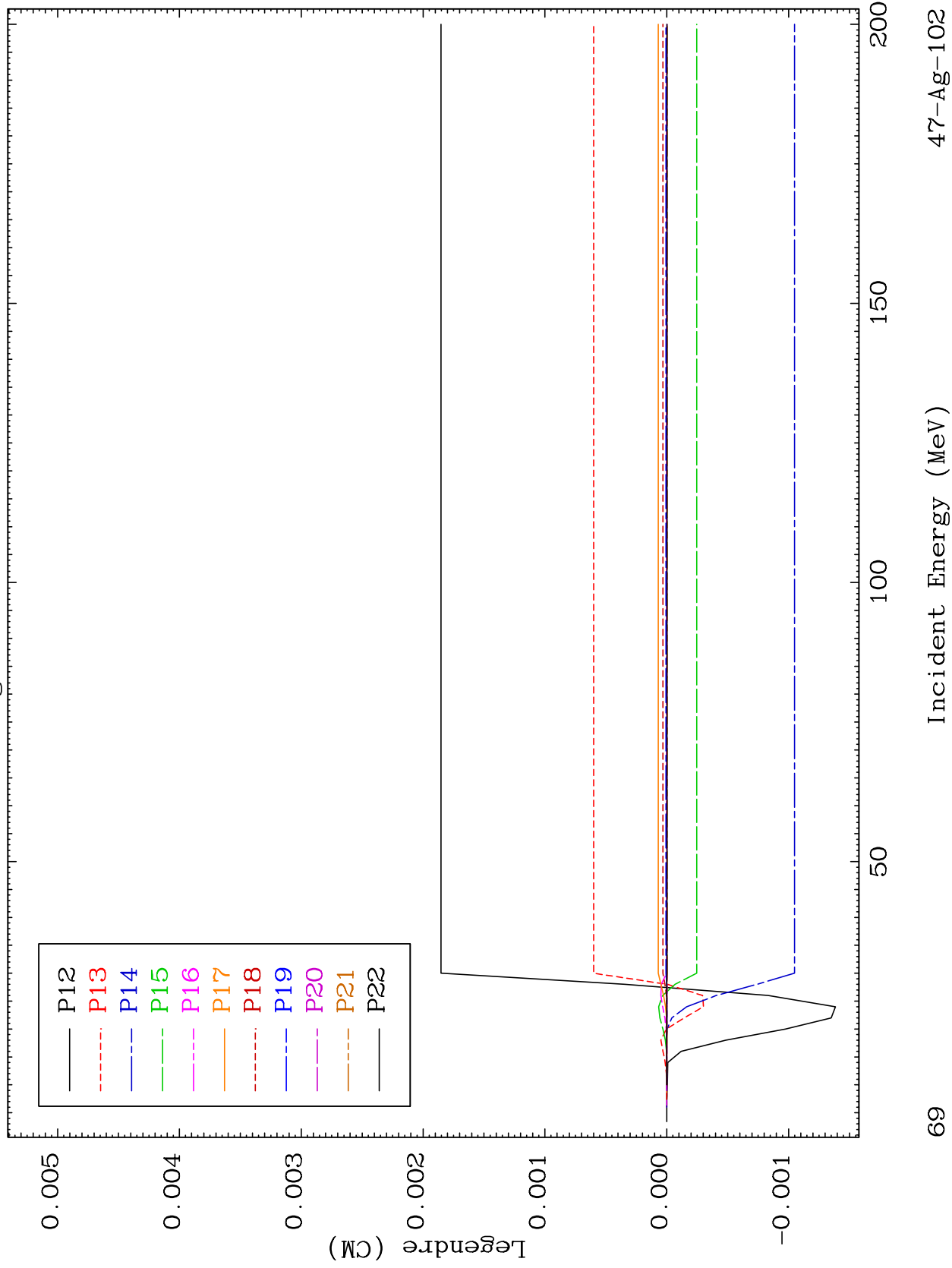
Incident Energy (MeV)

68

MAT 4710

MT= 64 (n,n') Level  
Legendre Coefficients

47-Ag-102



69

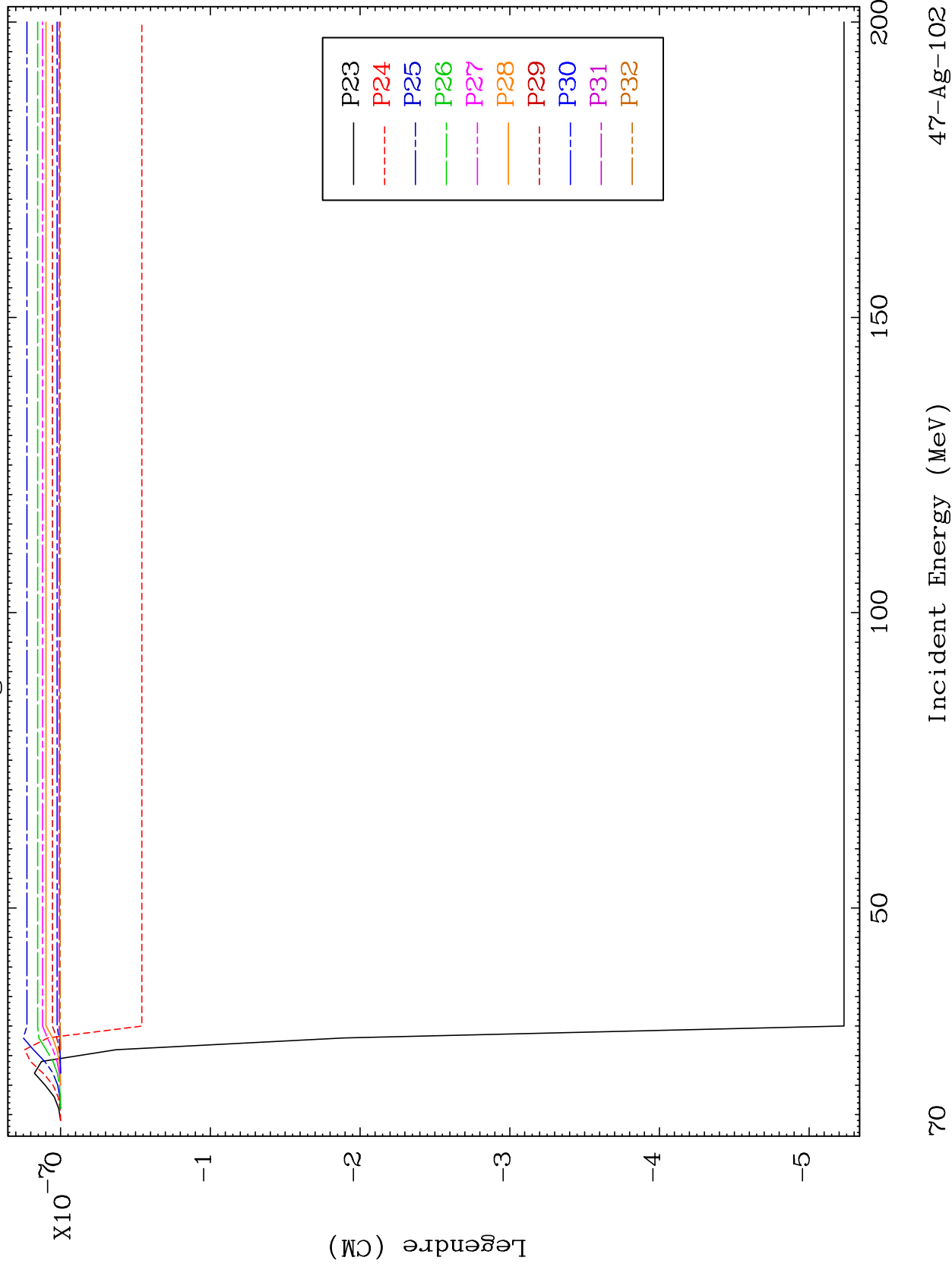
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 64 (n,n') Level  
Legendre Coefficients

47-Ag-102



70

Incident Energy (MeV)

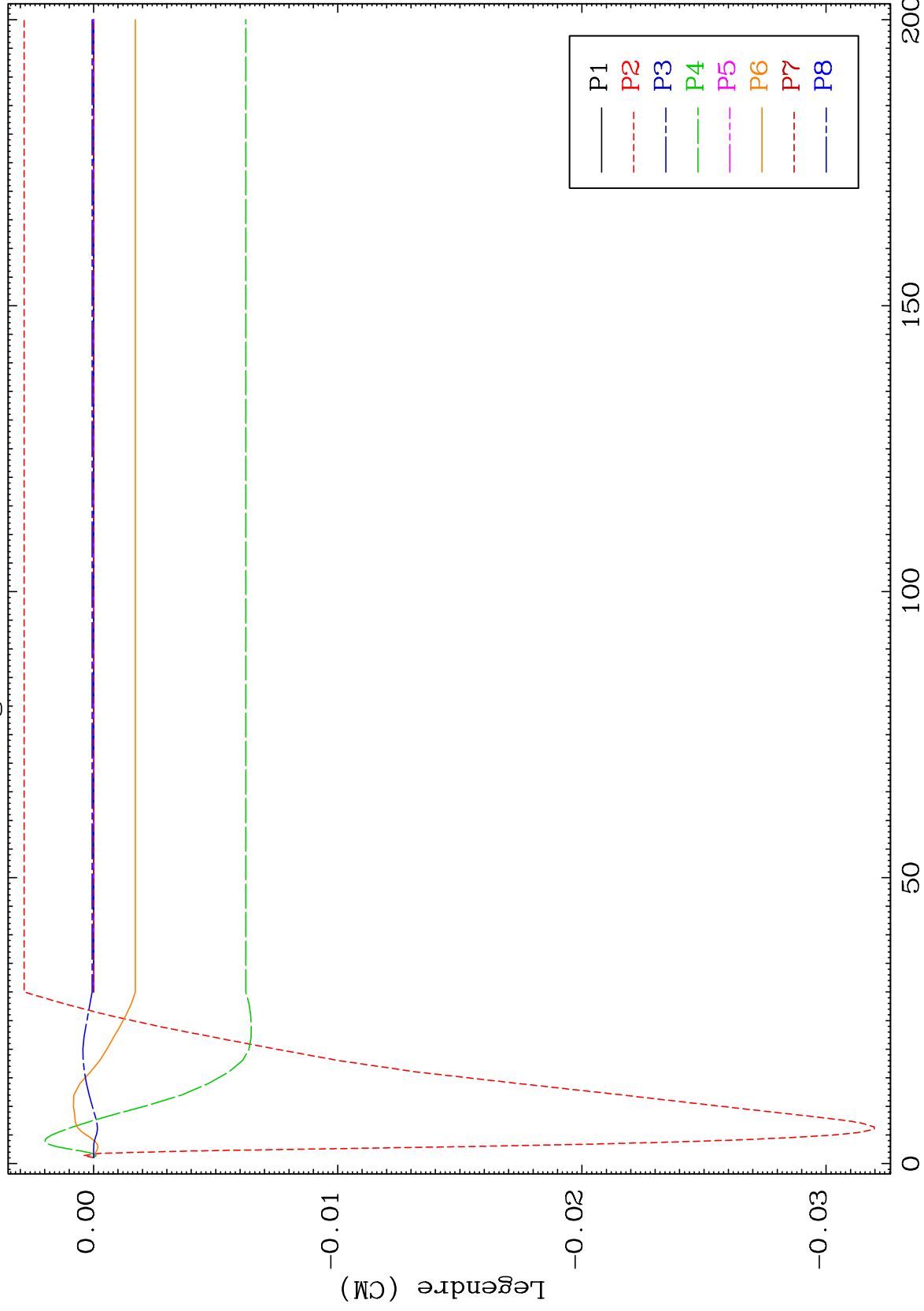
47-Ag-102

MAT 4710

MT= 65 (n,n') Level

47-Ag-102

Legendre Coefficients



71

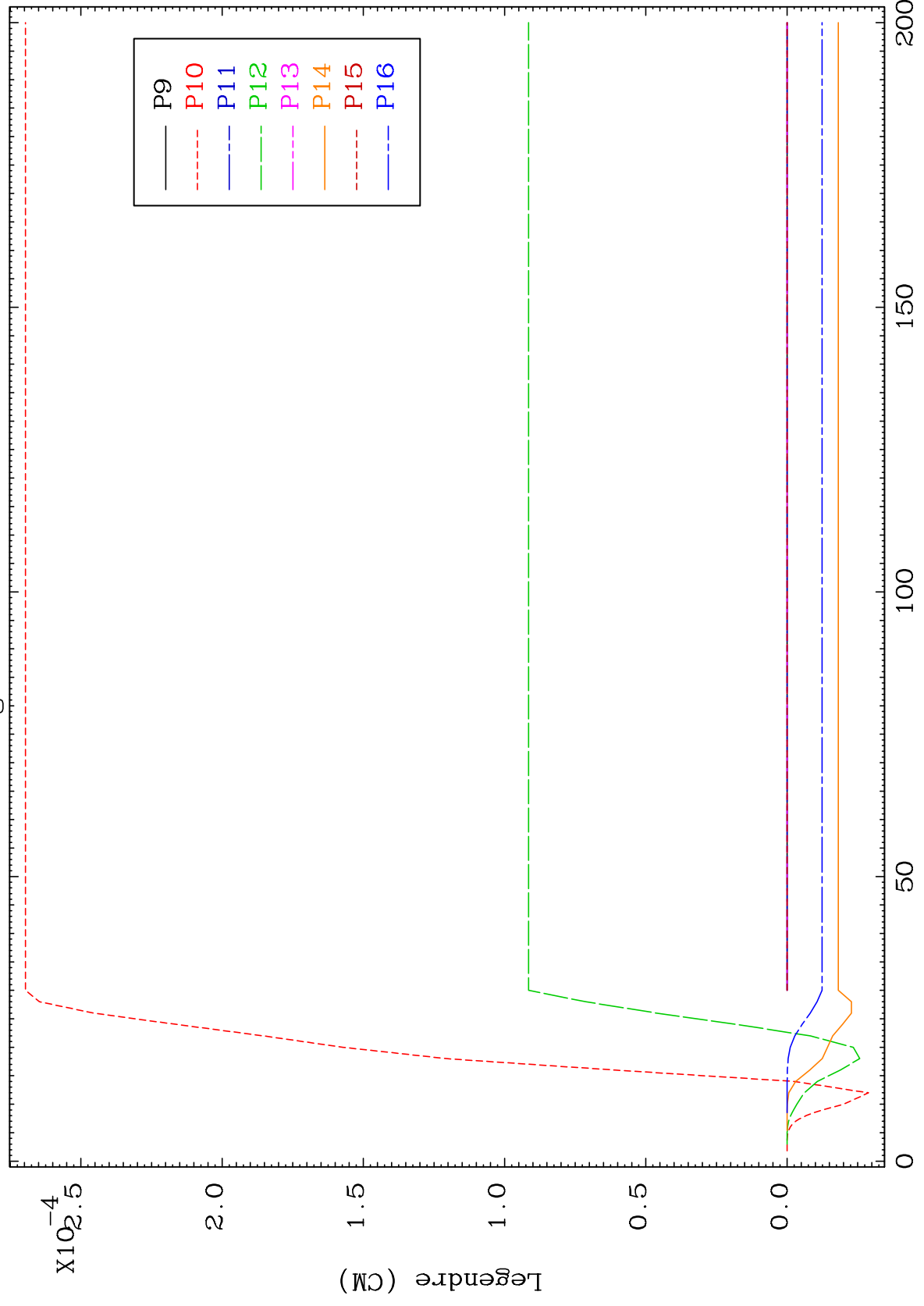
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 65 (n,n') Level  
Legendre Coefficients

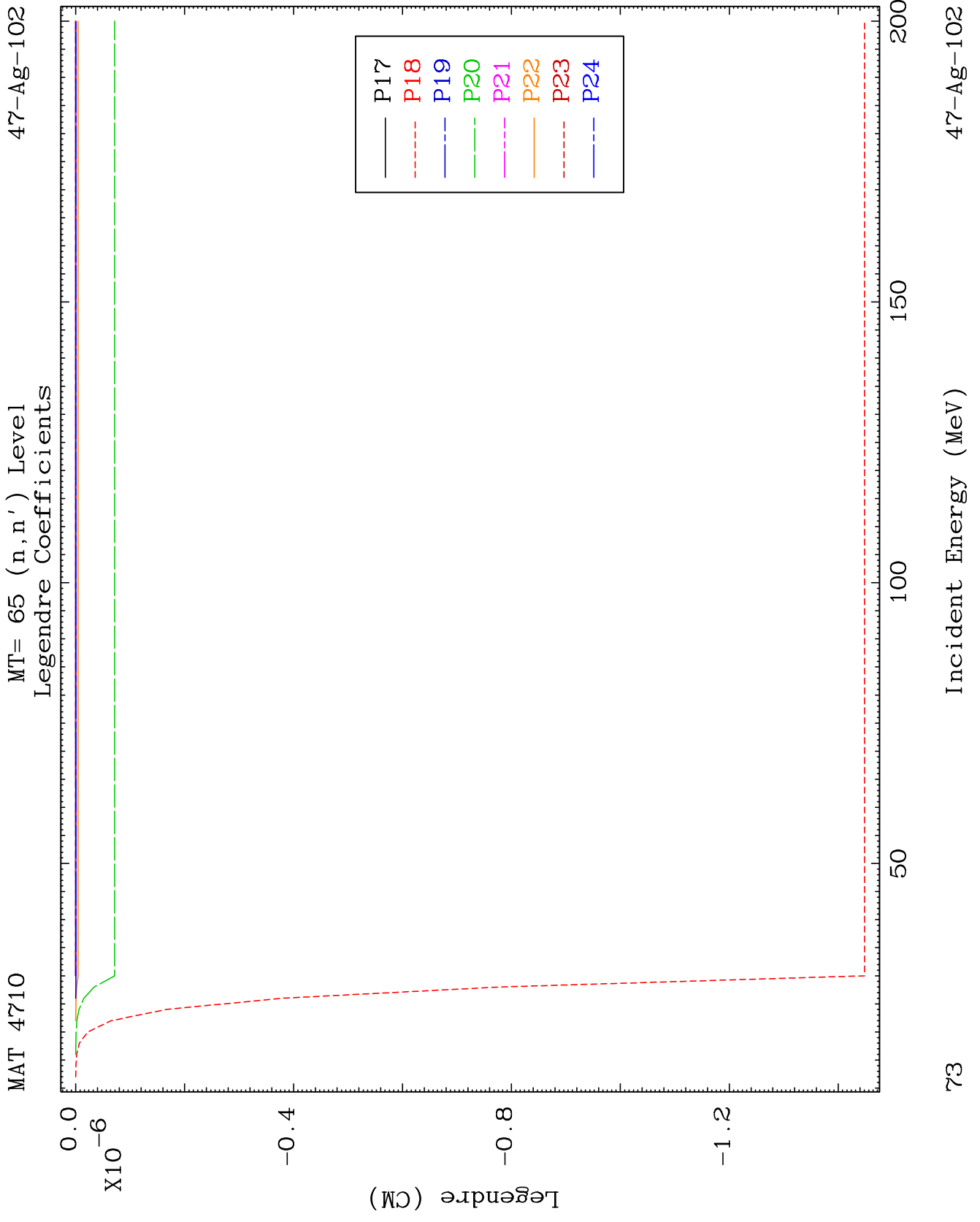
47-Ag-102



72

Incident Energy (MeV)

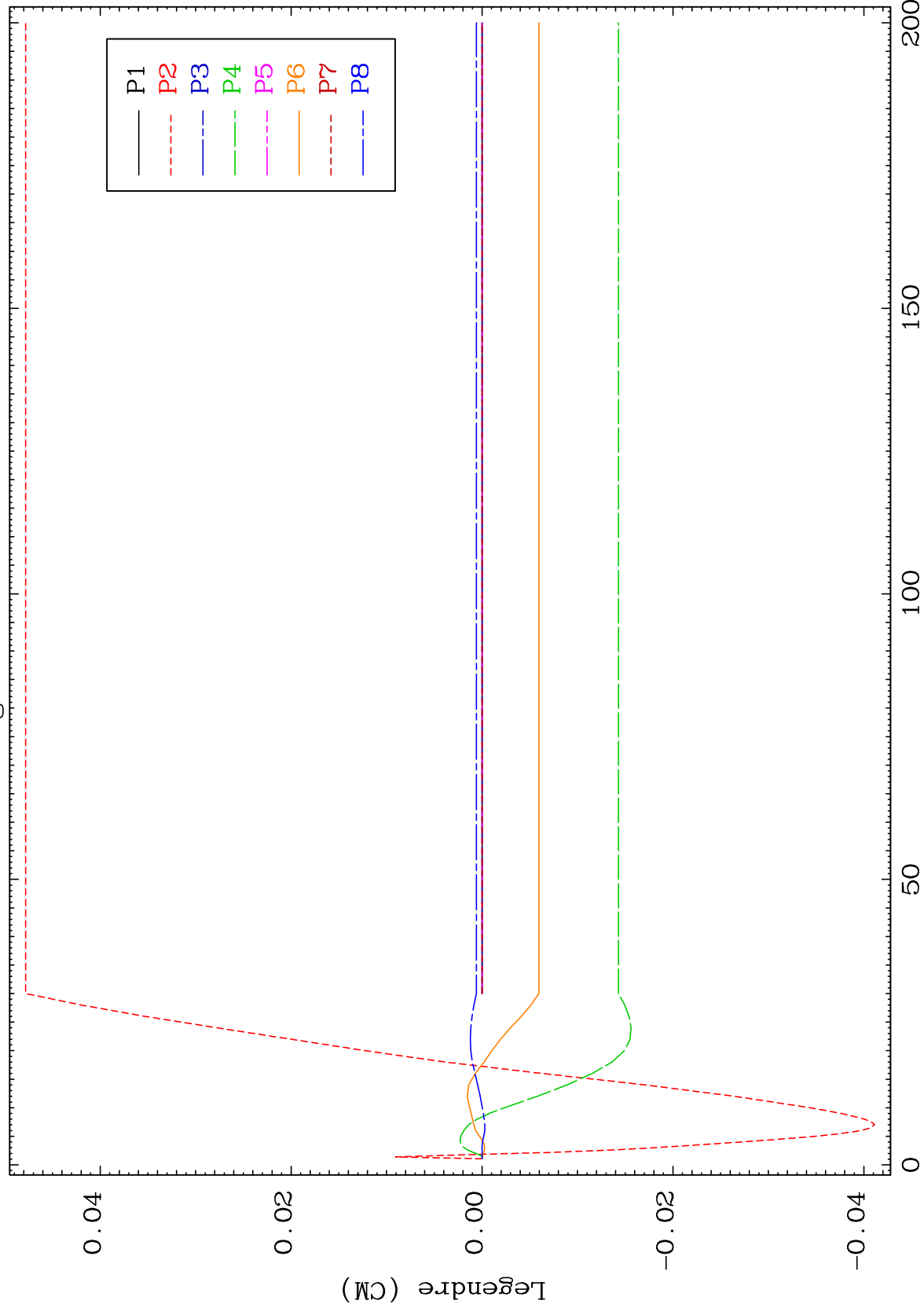
47-Ag-102



MAT 4710

MT= 66 (n,n') Level  
Legendre Coefficients

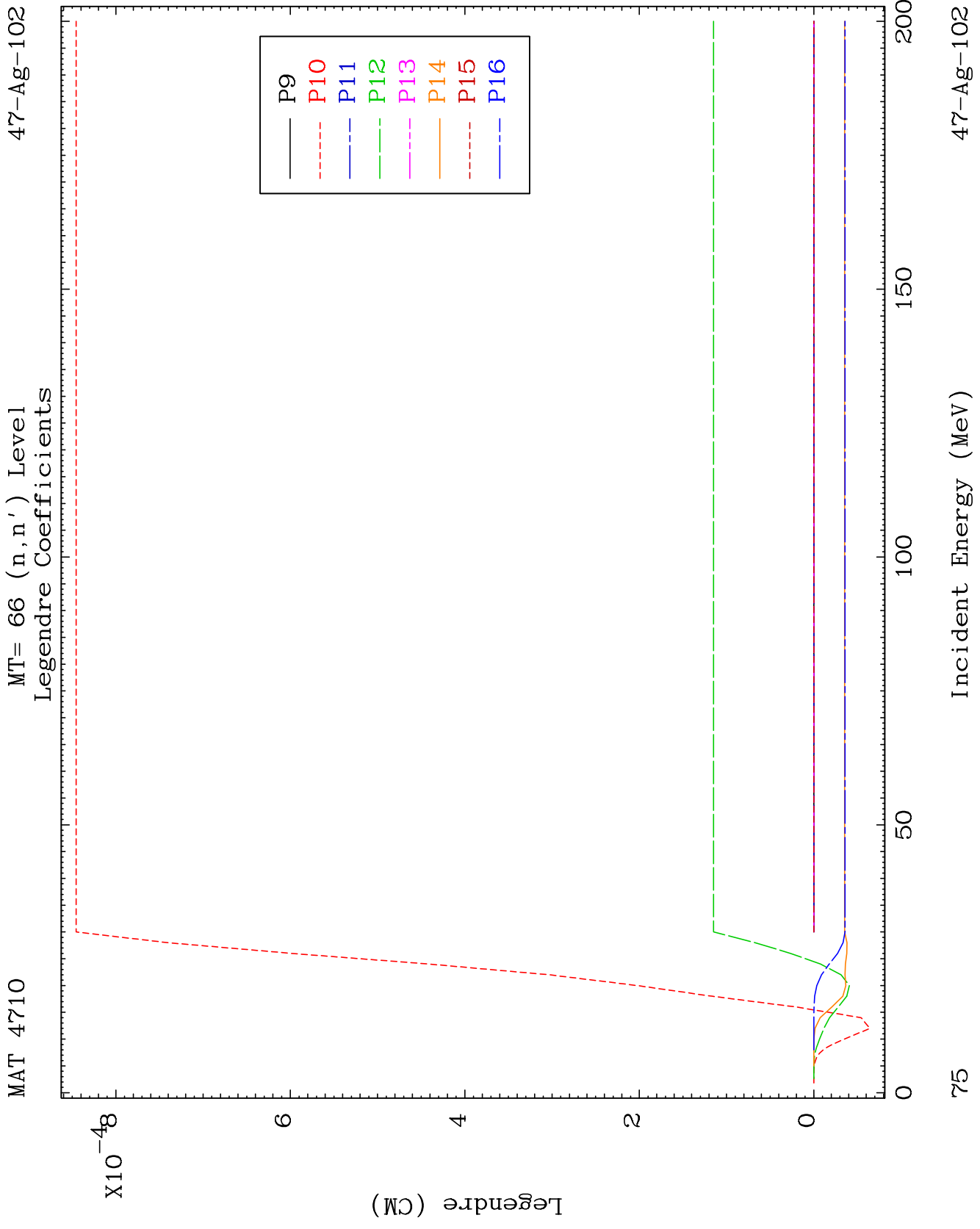
47-Ag-102

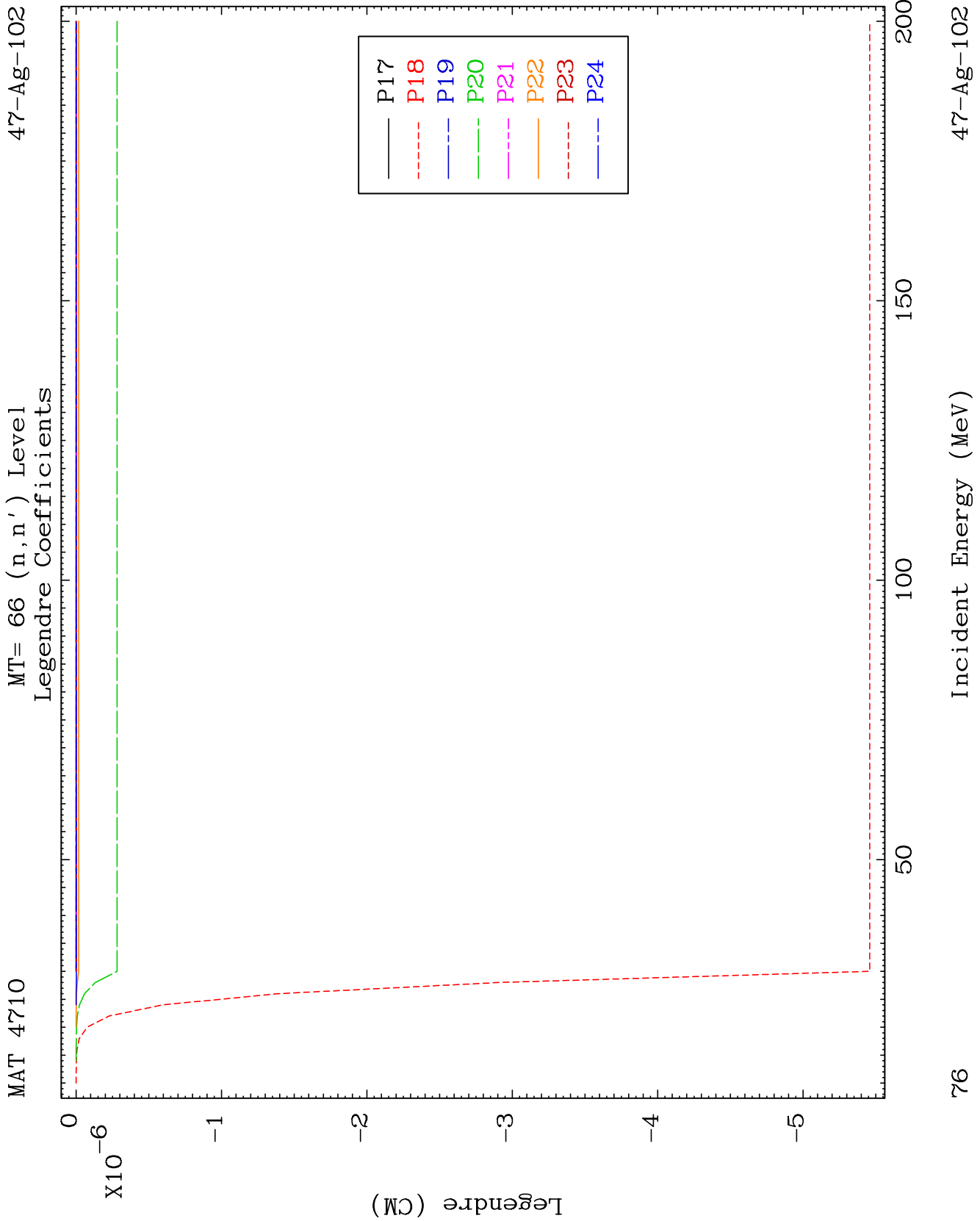


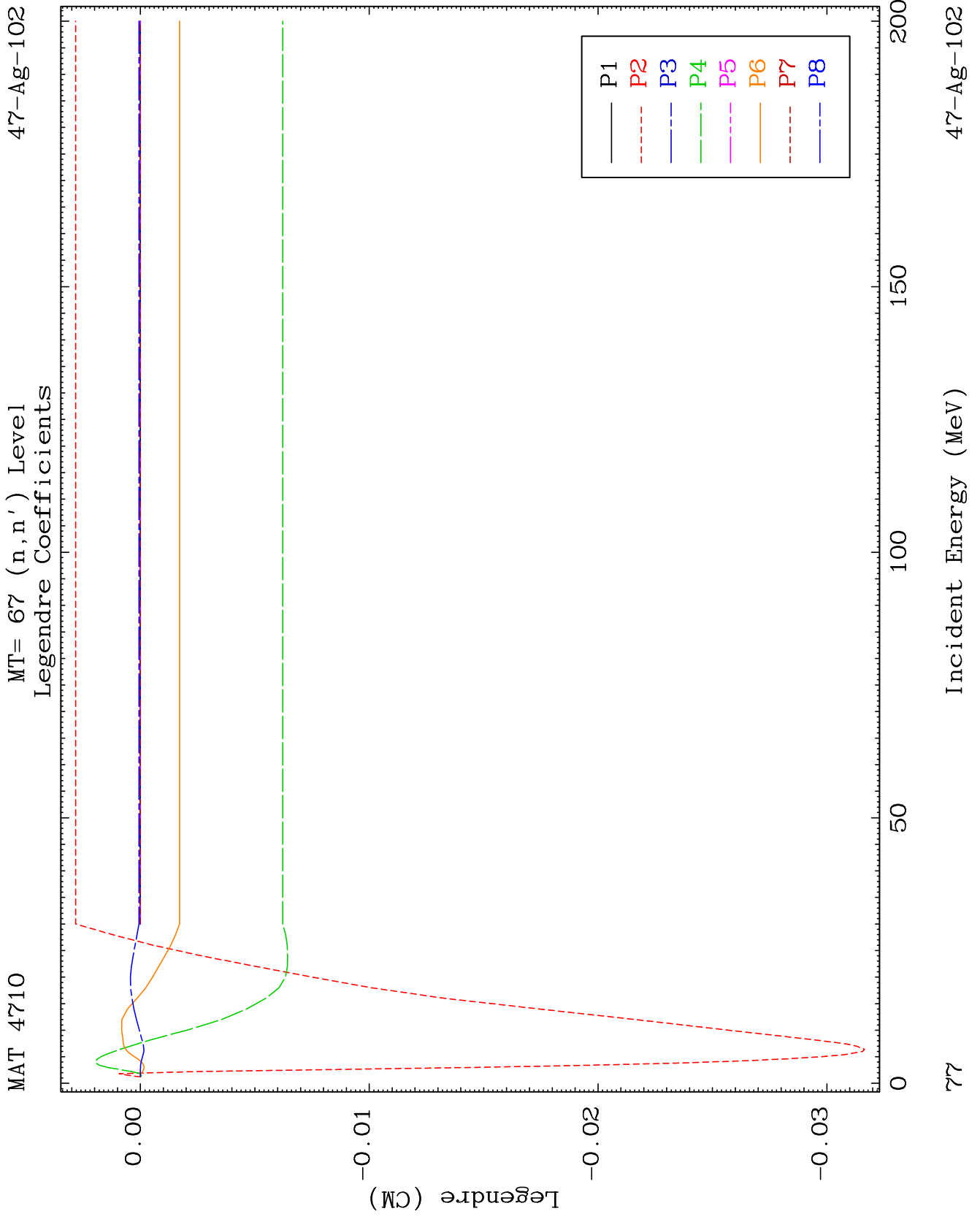
74

Incident Energy (MeV)

47-Ag-102



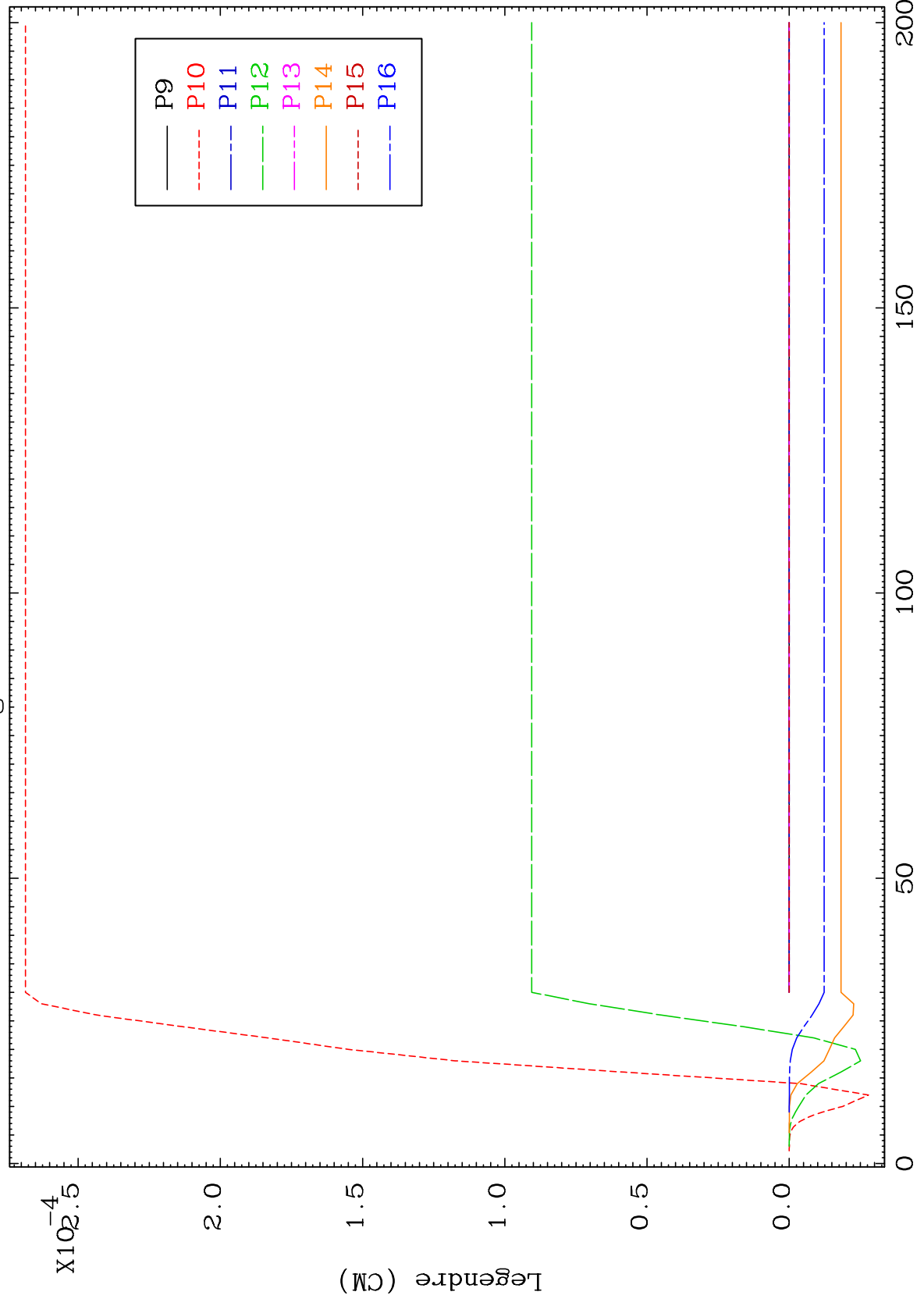




MAT 4710

MT= 67 (n,n') Level  
Legendre Coefficients

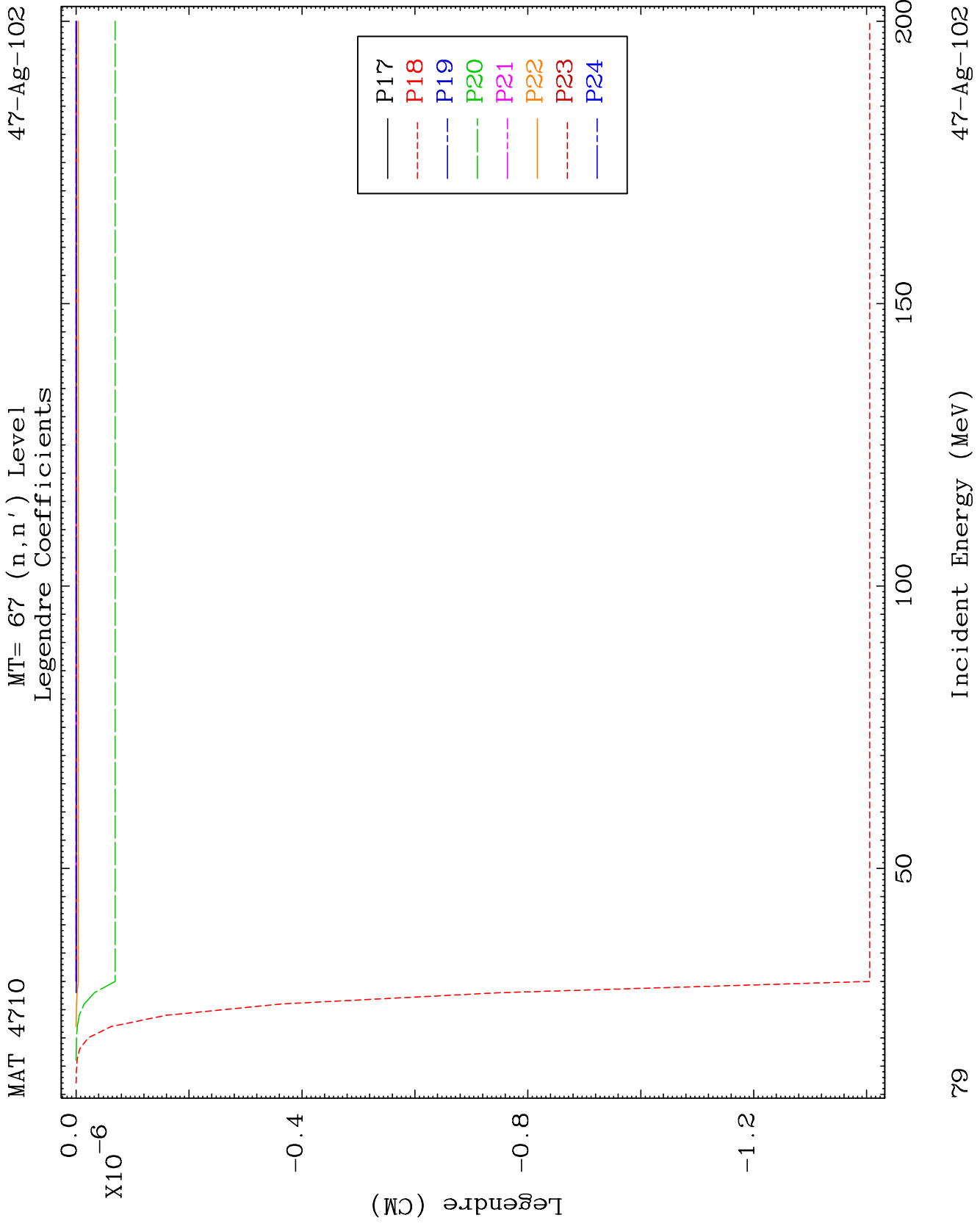
47-Ag-102

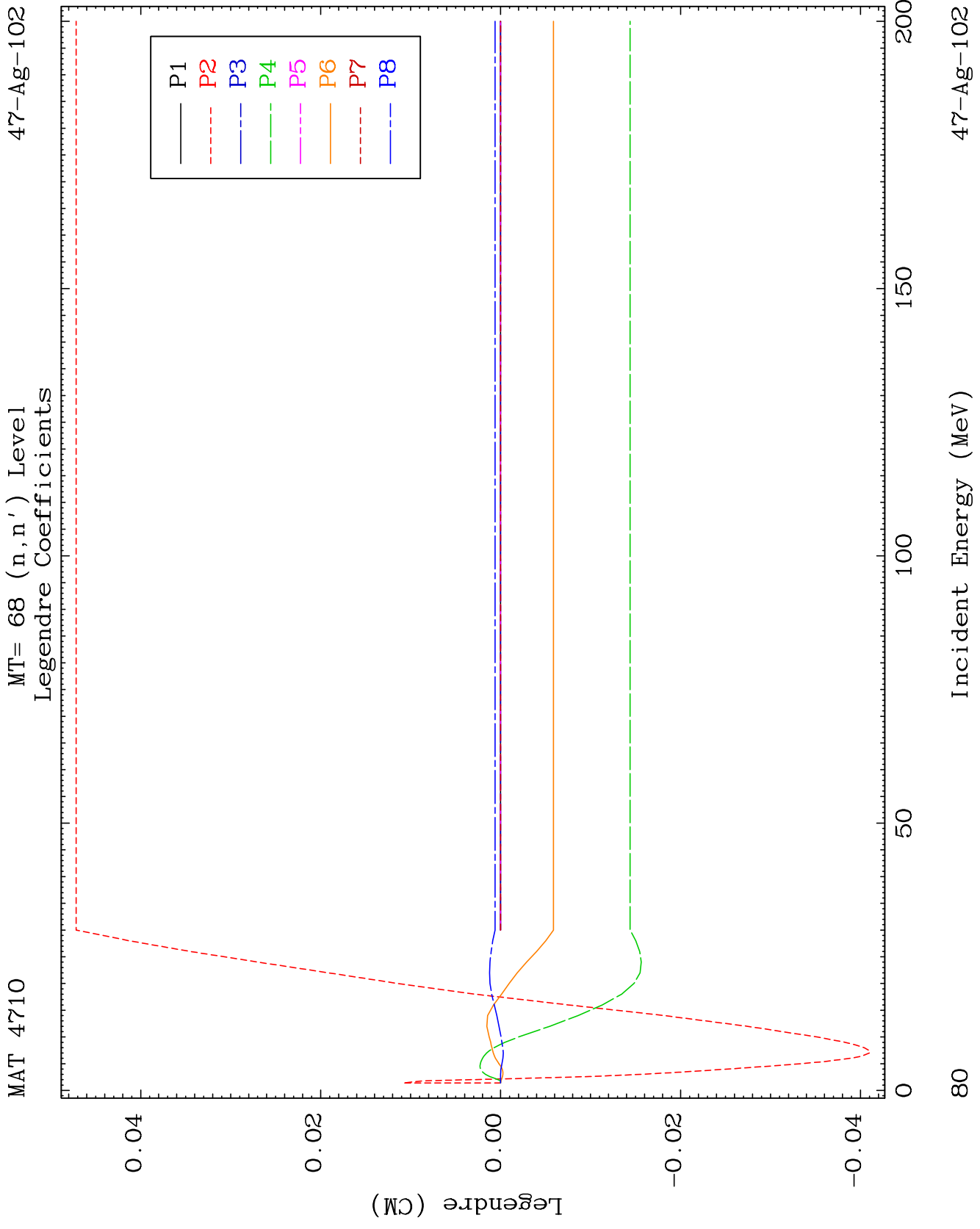


78

Incident Energy (MeV)

47-Ag-102

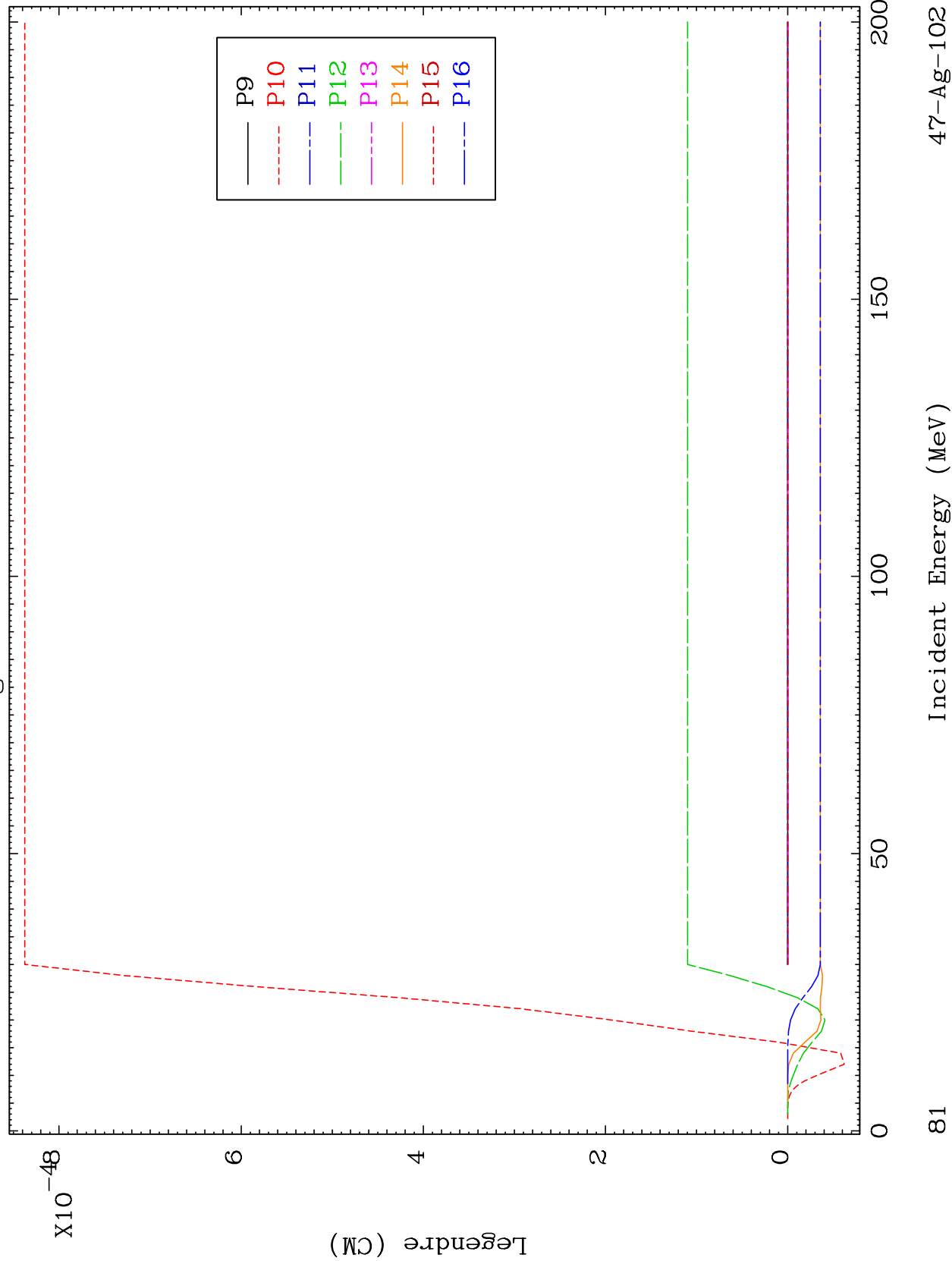




MAT 4710

MT= 68 (n,n') Level  
Legendre Coefficients

47-Ag-102



81

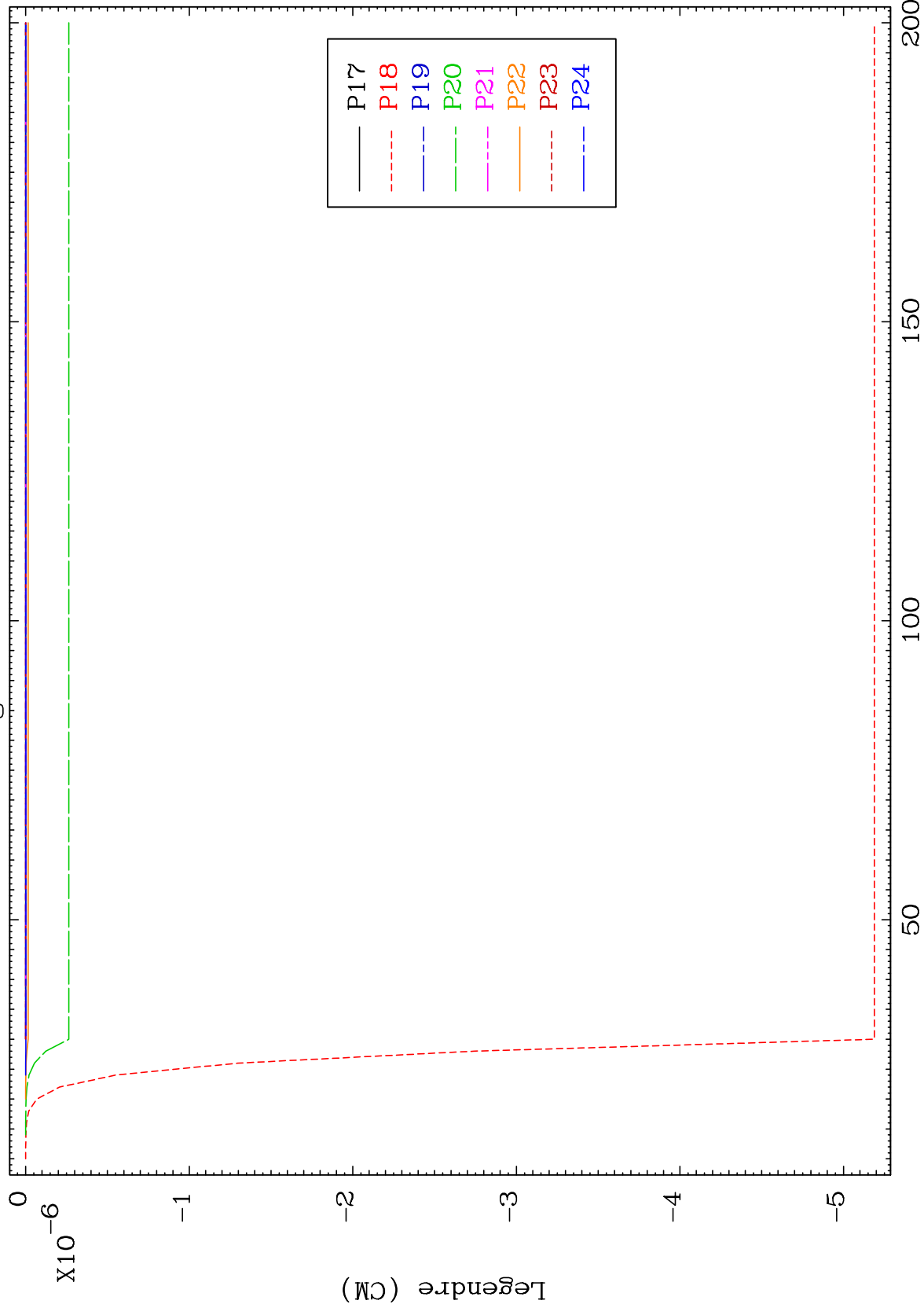
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 68 (n,n') Level  
Legendre Coefficients

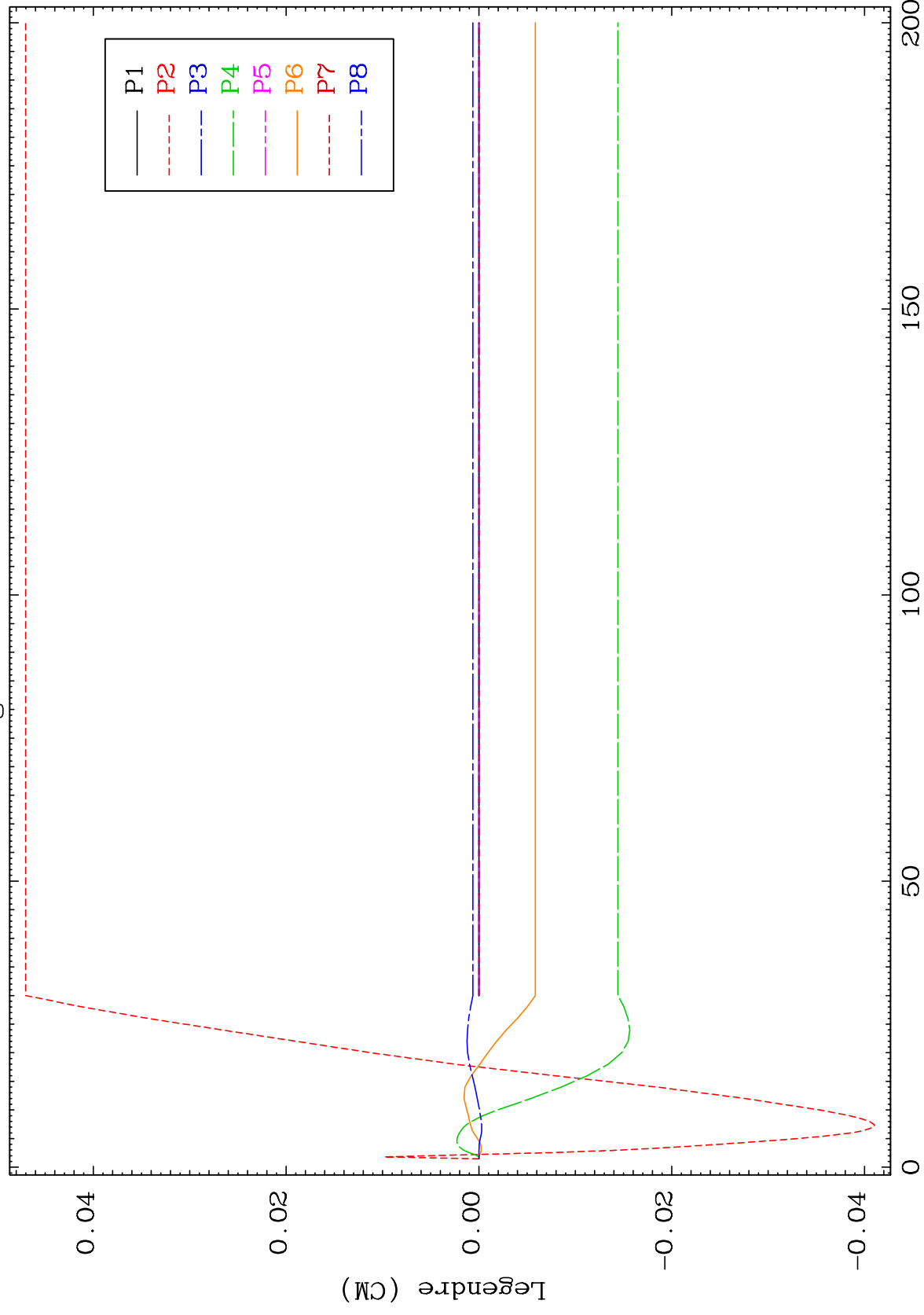
47-Ag-102



MAT 4710

MT= 69 (n,n') Level  
Legendre Coefficients

47-Ag-102



83

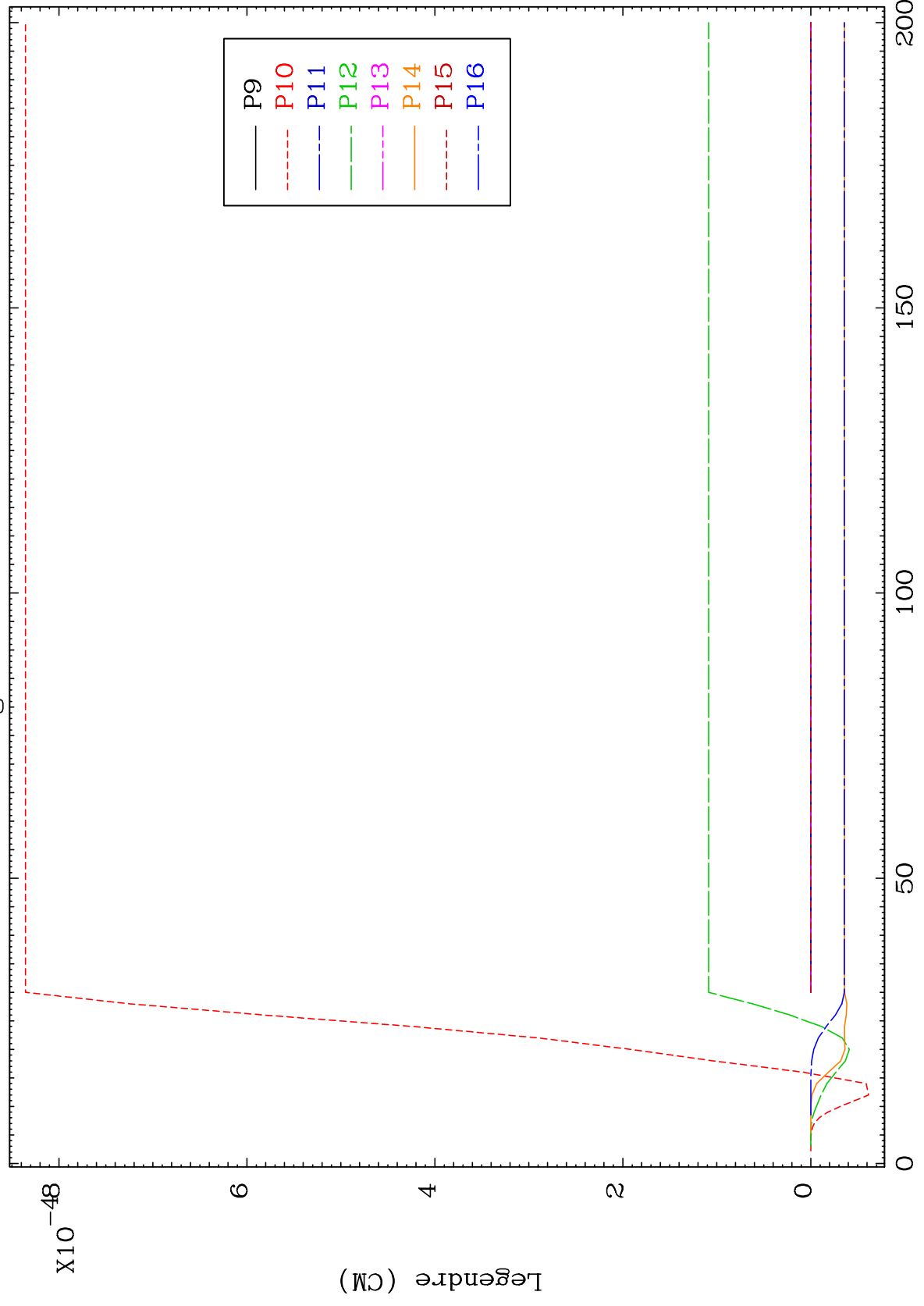
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 69 (n,n') Level  
Legendre Coefficients

47-Ag-102



84

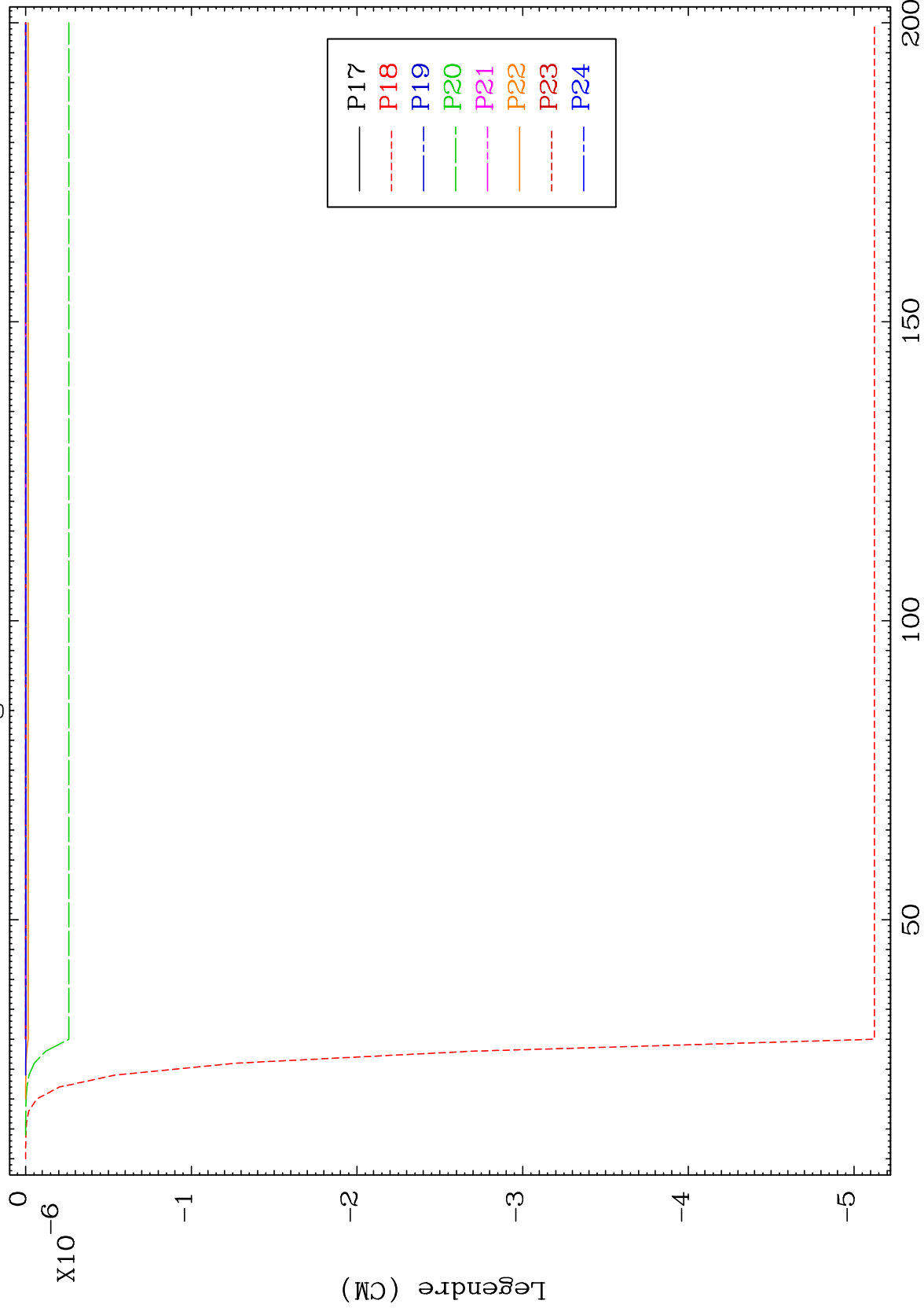
Incident Energy (MeV)

47-Ag-102

MAT 4710

MT= 69 (n,n') Level  
Legendre Coefficients

47-Ag-102



85

Incident Energy (MeV)

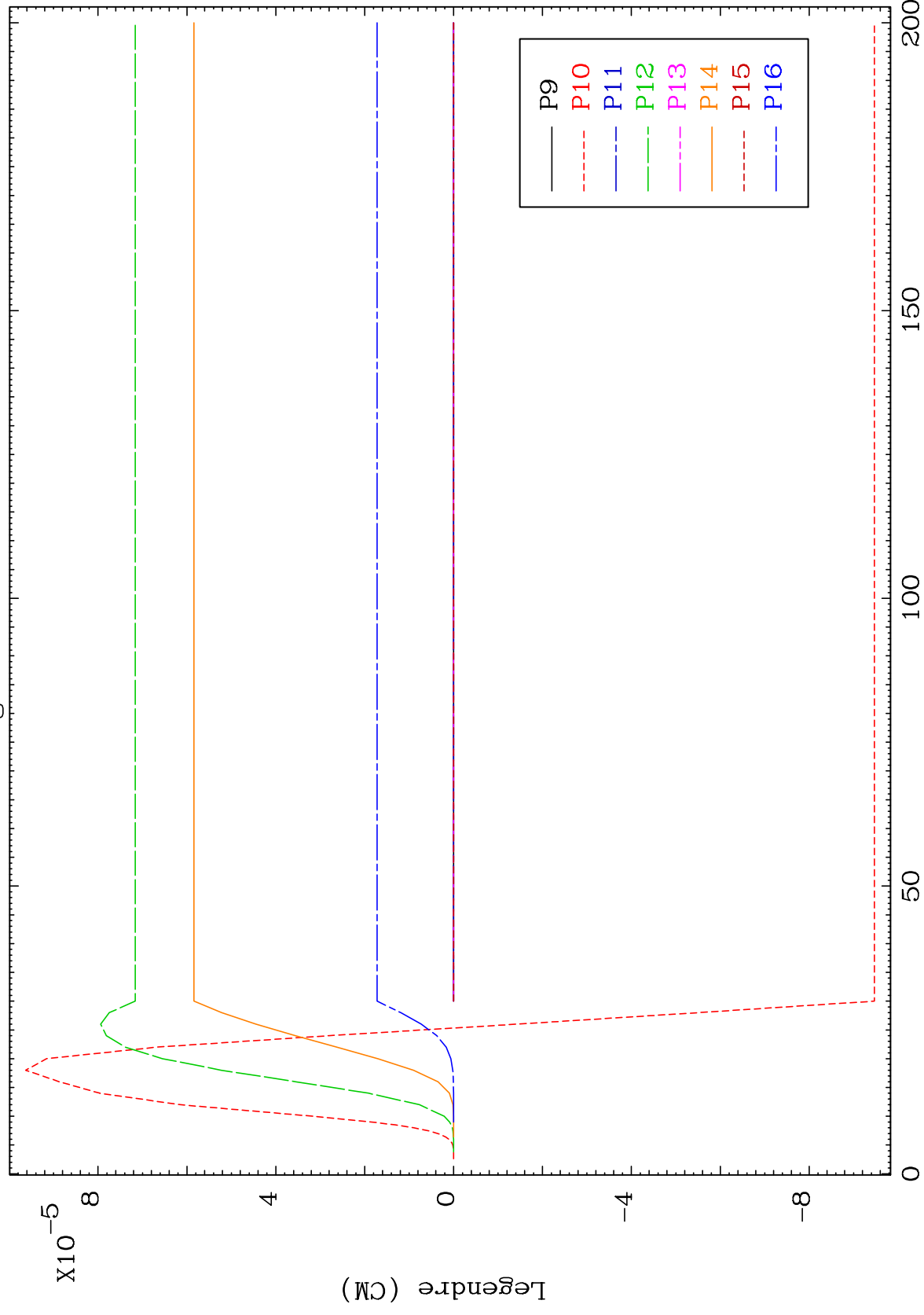
47-Ag-102



MAT 4710

MT= 70 (n,n') Level  
Legendre Coefficients

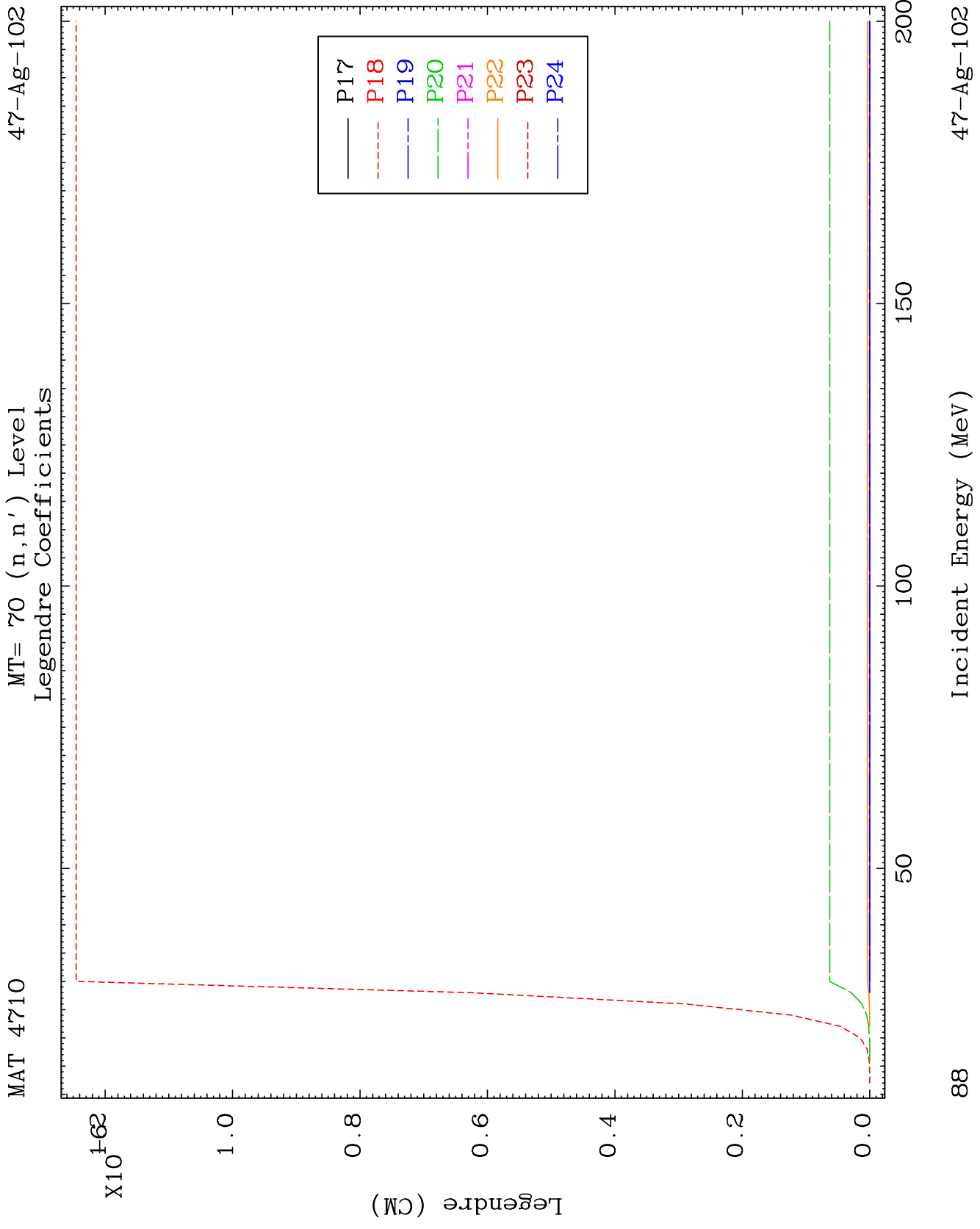
47-Ag-102



87

Incident Energy (MeV)

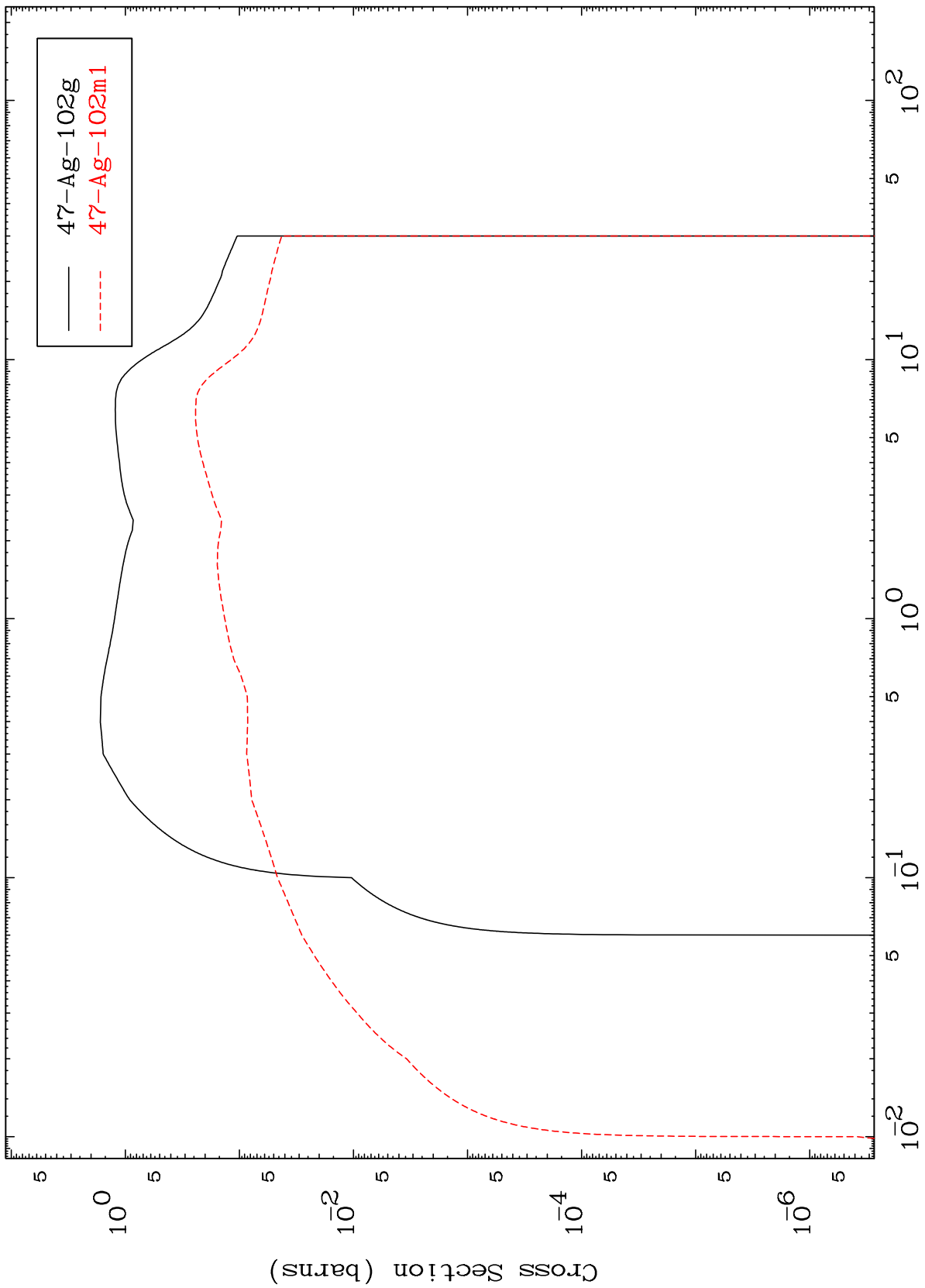
47-Ag-102



MAT 4710

47-Ag-102

### Inelastic Radionuclide Production Cross Section



89

Incident Energy (MeV)

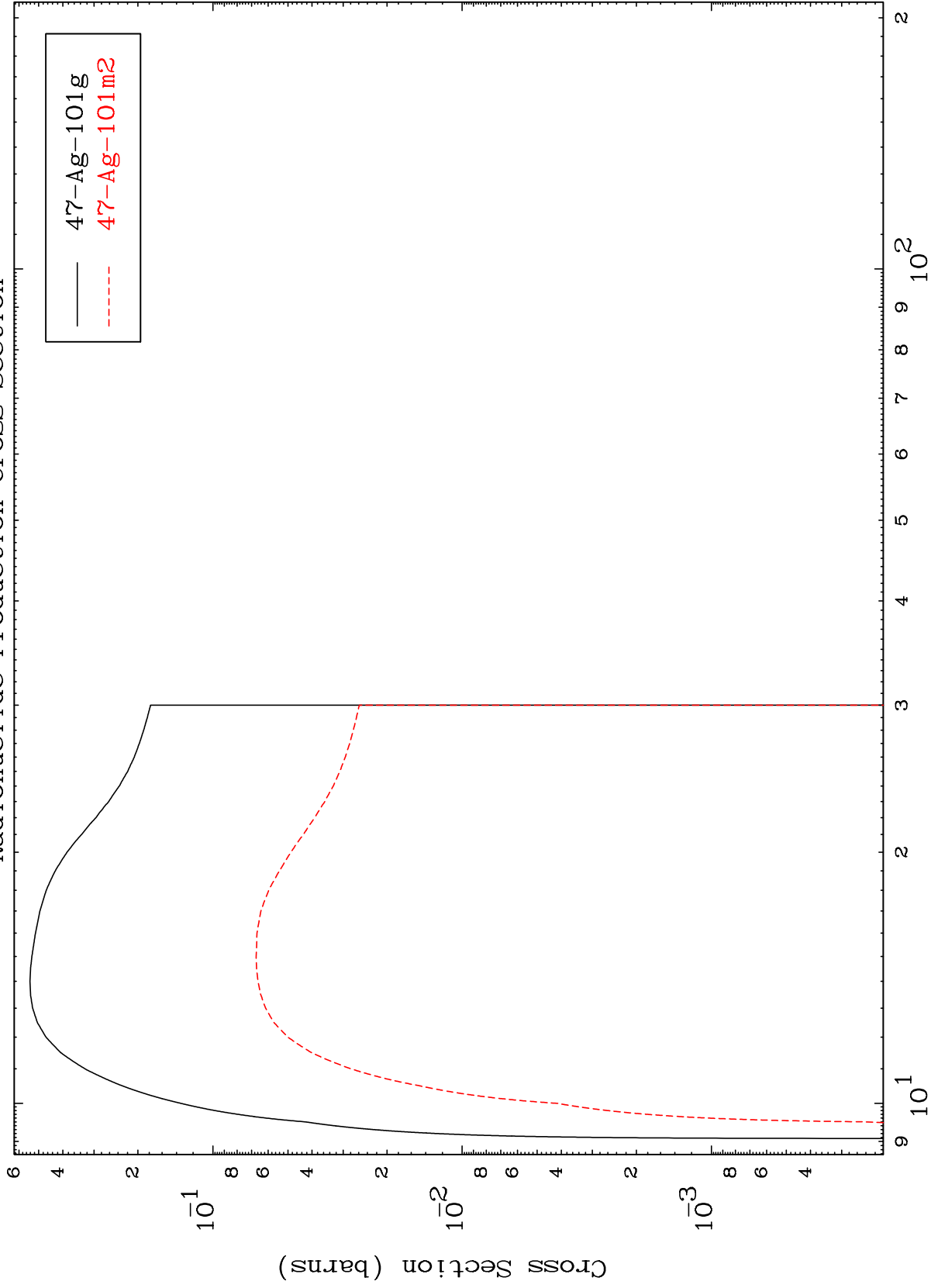
47-Ag-102

MAT 4710

47-Ag-102

(n,2n)

Radionuclide Production Cross Section



90

Incident Energy (MeV)

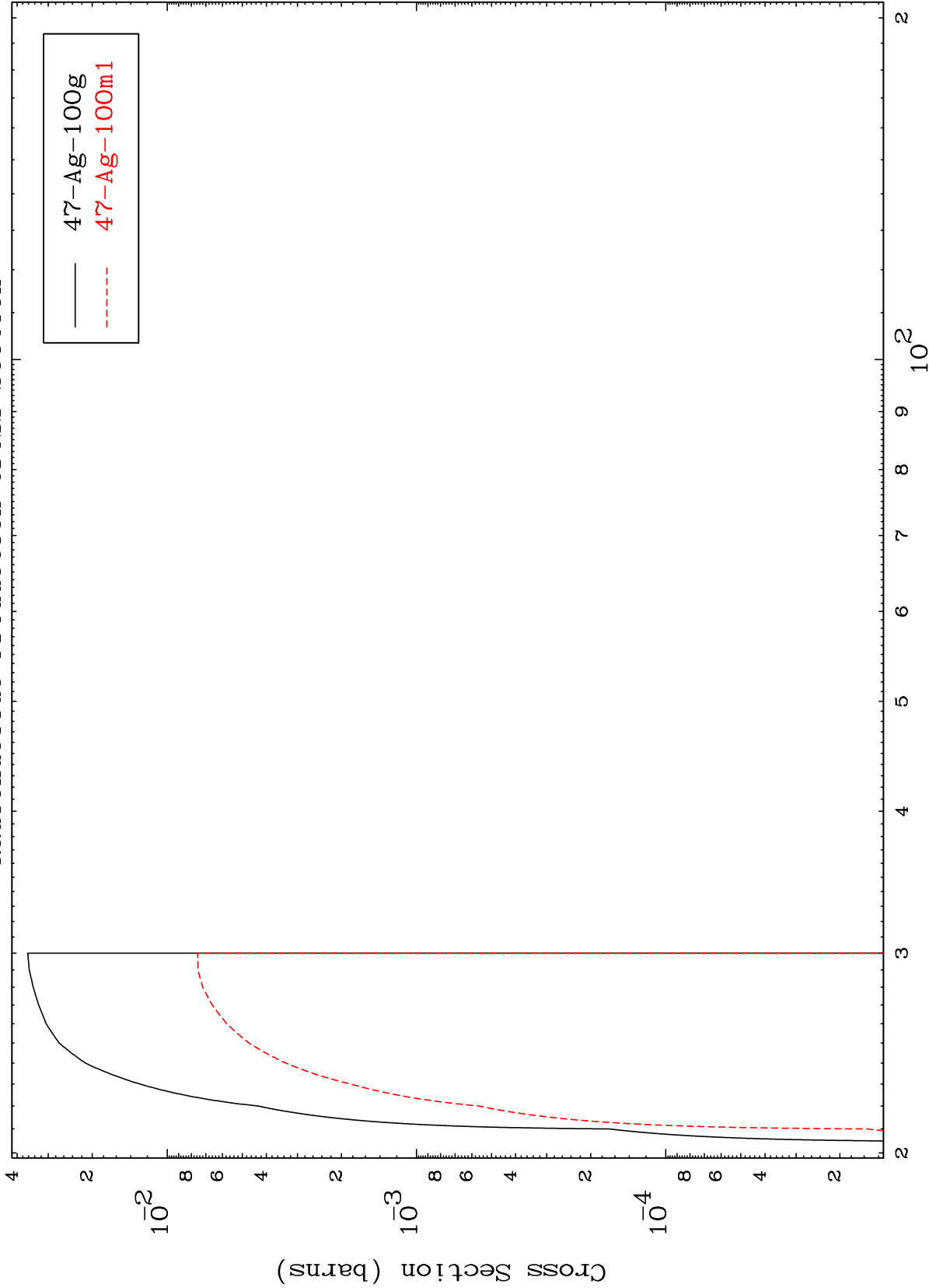
47-Ag-102

MAT 4710

(n,3n)

47-Ag-102

Radionuclide Production Cross Section



91

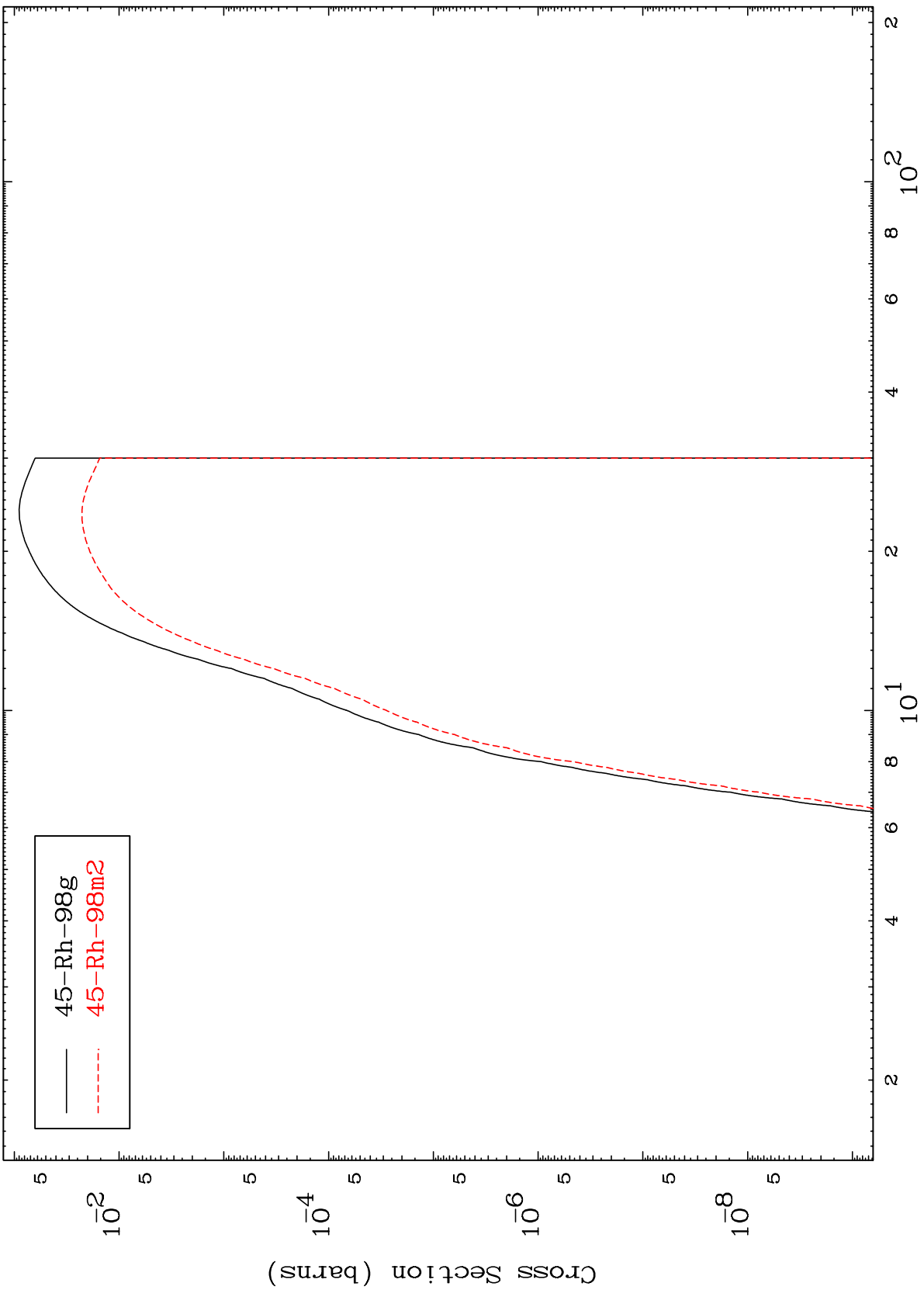
Incident Energy (MeV)

47-Ag-102

MAT 4710

47-Ag-102

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



92

Incident Energy (MeV)

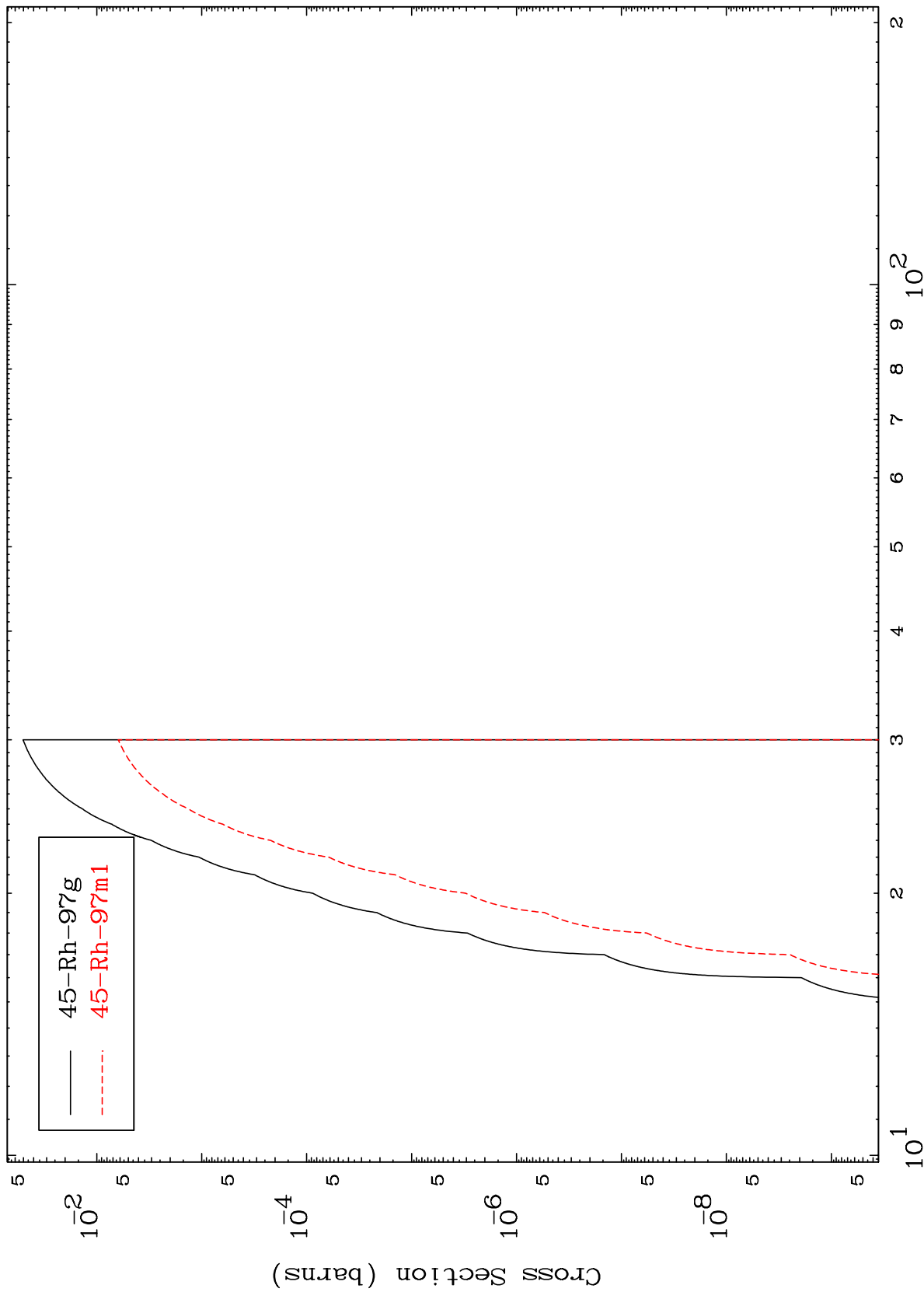
47-Ag-102

MAT 4710

(n,2n)  $\alpha$

47-Ag-102

Radionuclide Production Cross Section



Incident Energy (MeV)

47-Ag-102

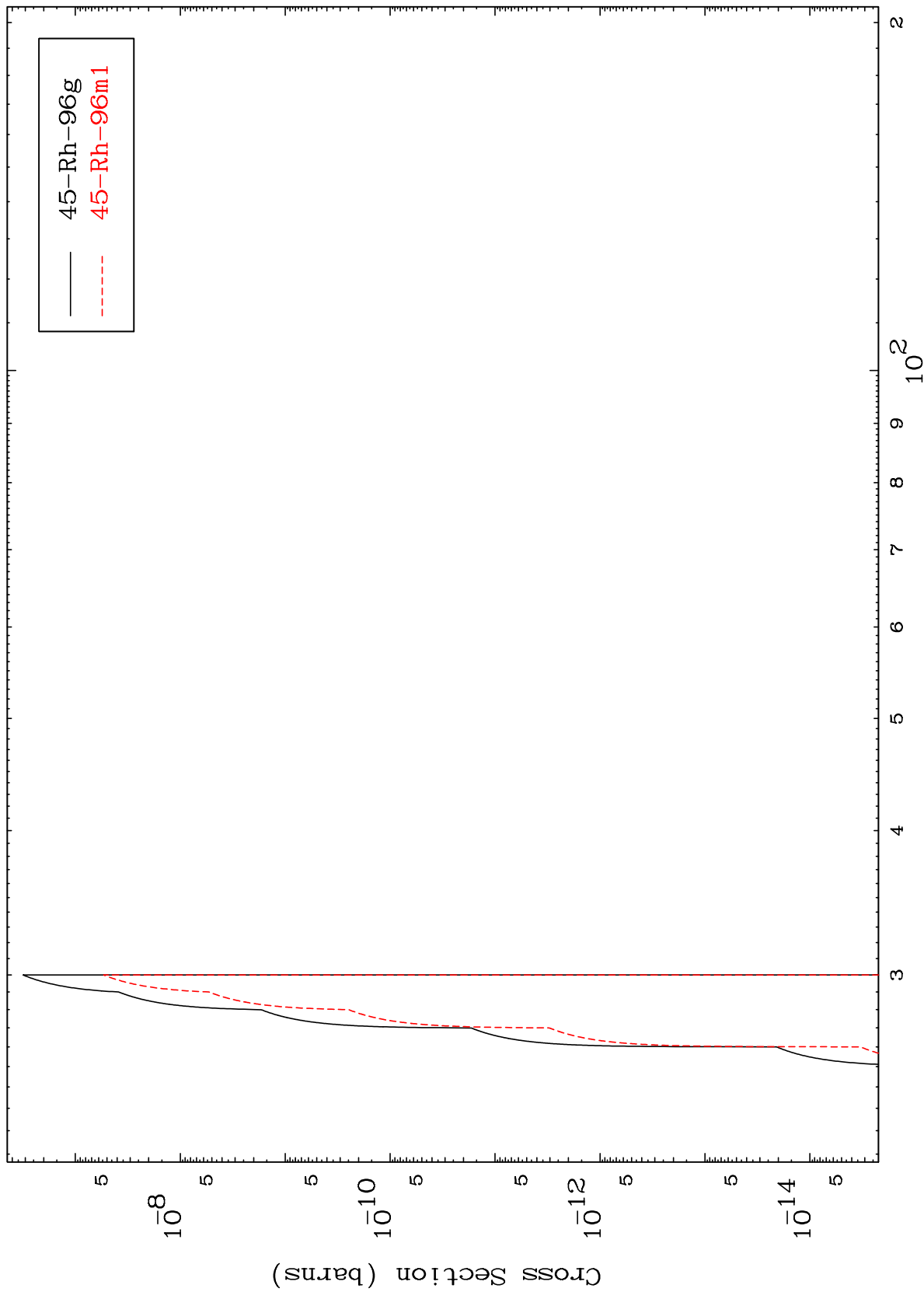
93

MAT 4710

(n,3n)  $\alpha$

47-Ag-102

Radionuclide Production Cross Section



94

Incident Energy (MeV)

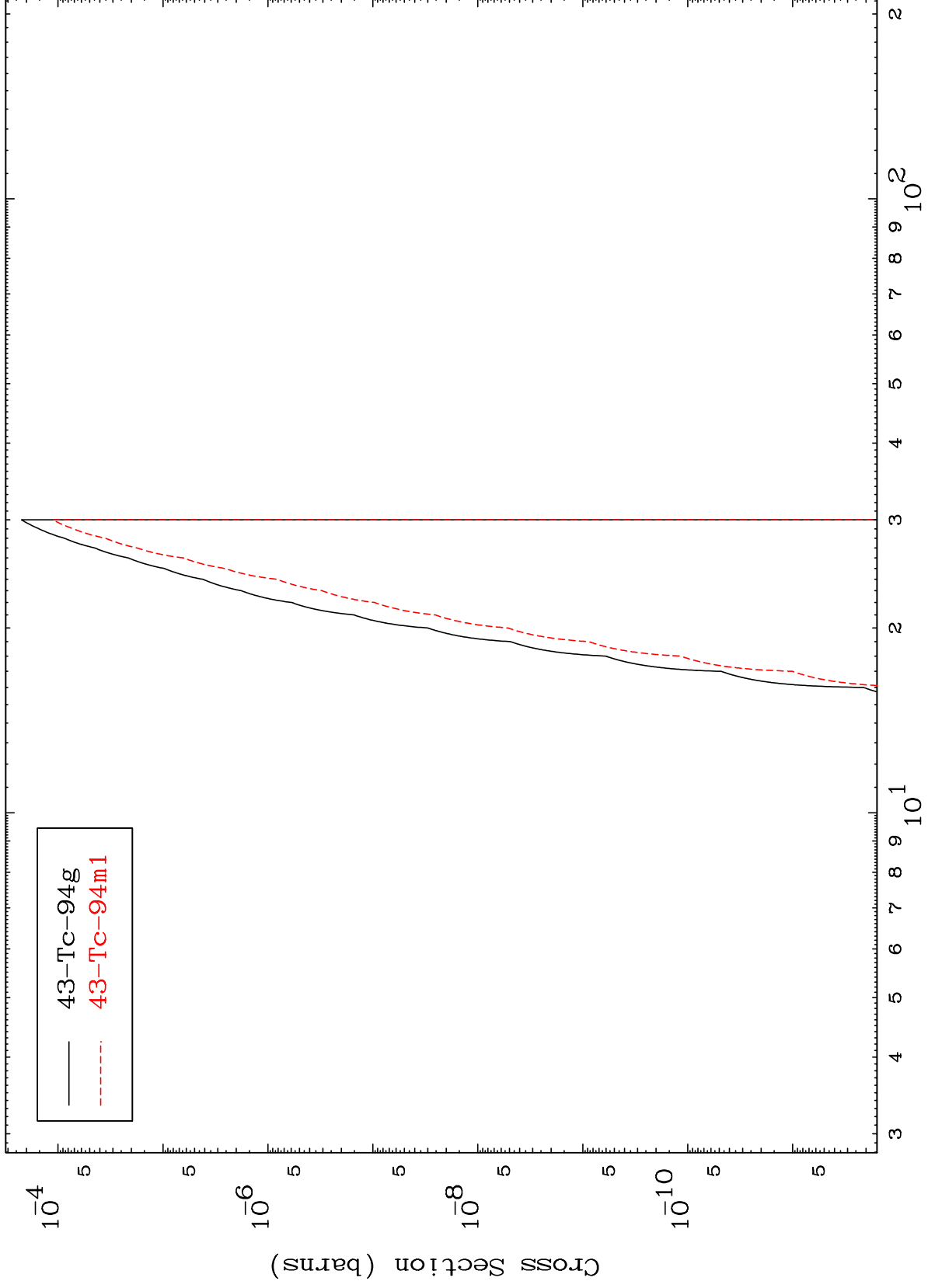
47-Ag-102

MAT 4710

(n,n') 2α

47-Ag-102

Radionuclide Production Cross Section



— 43-Tc-94g  
- - - 43-Tc-94m1

95

Incident Energy (MeV)

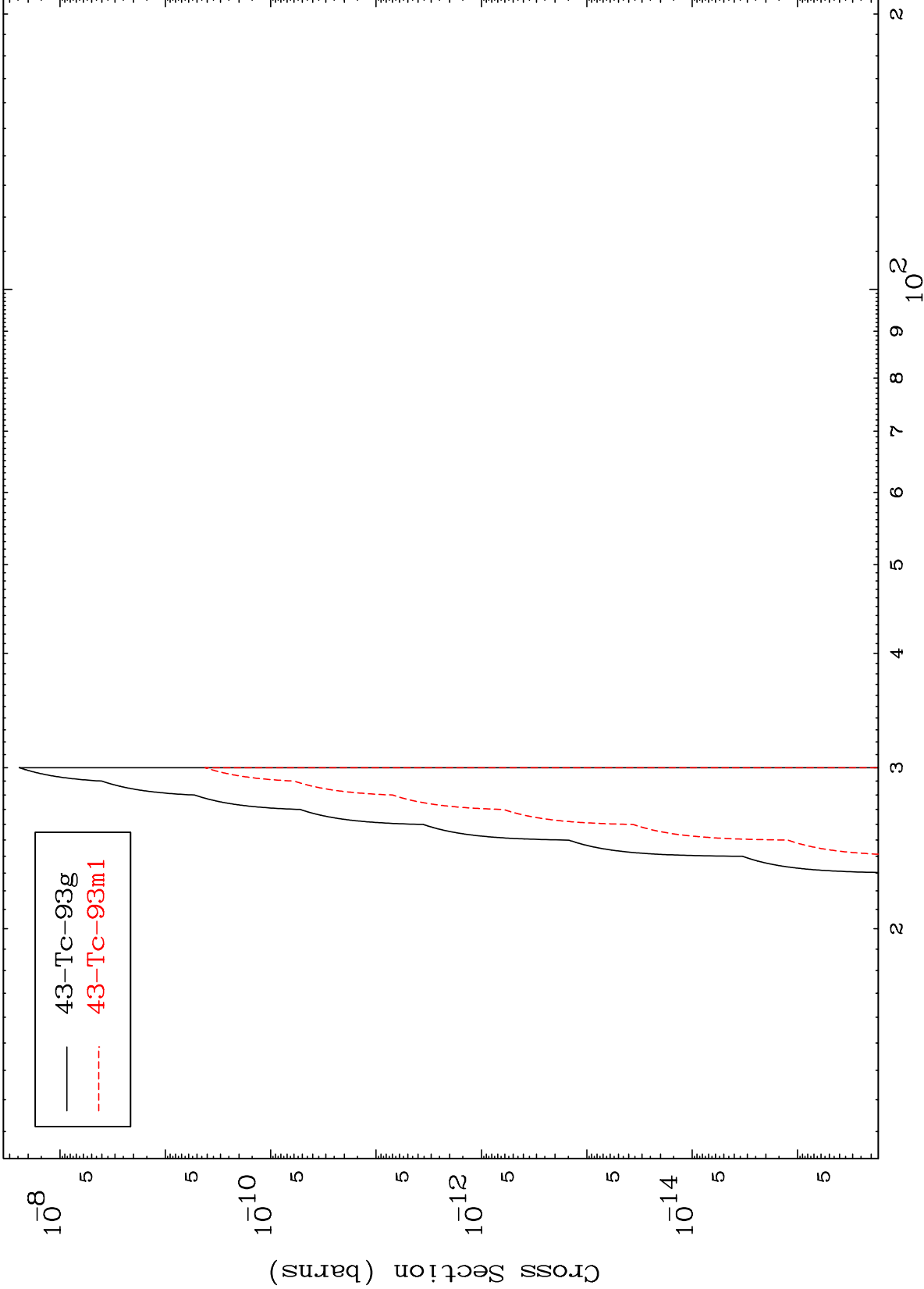
47-Ag-102

MAT 4710

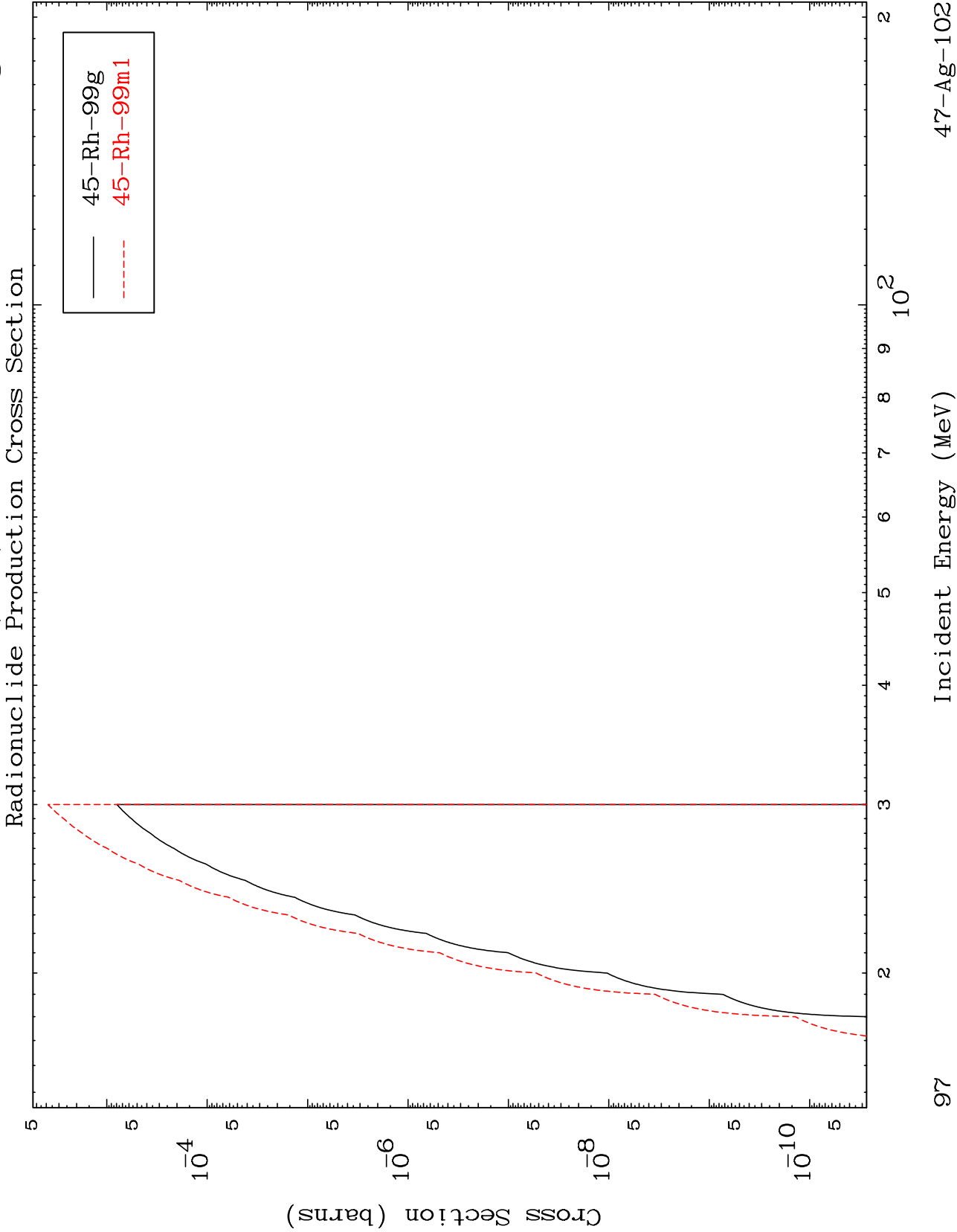
(n,2n) 2α

47-Ag-102

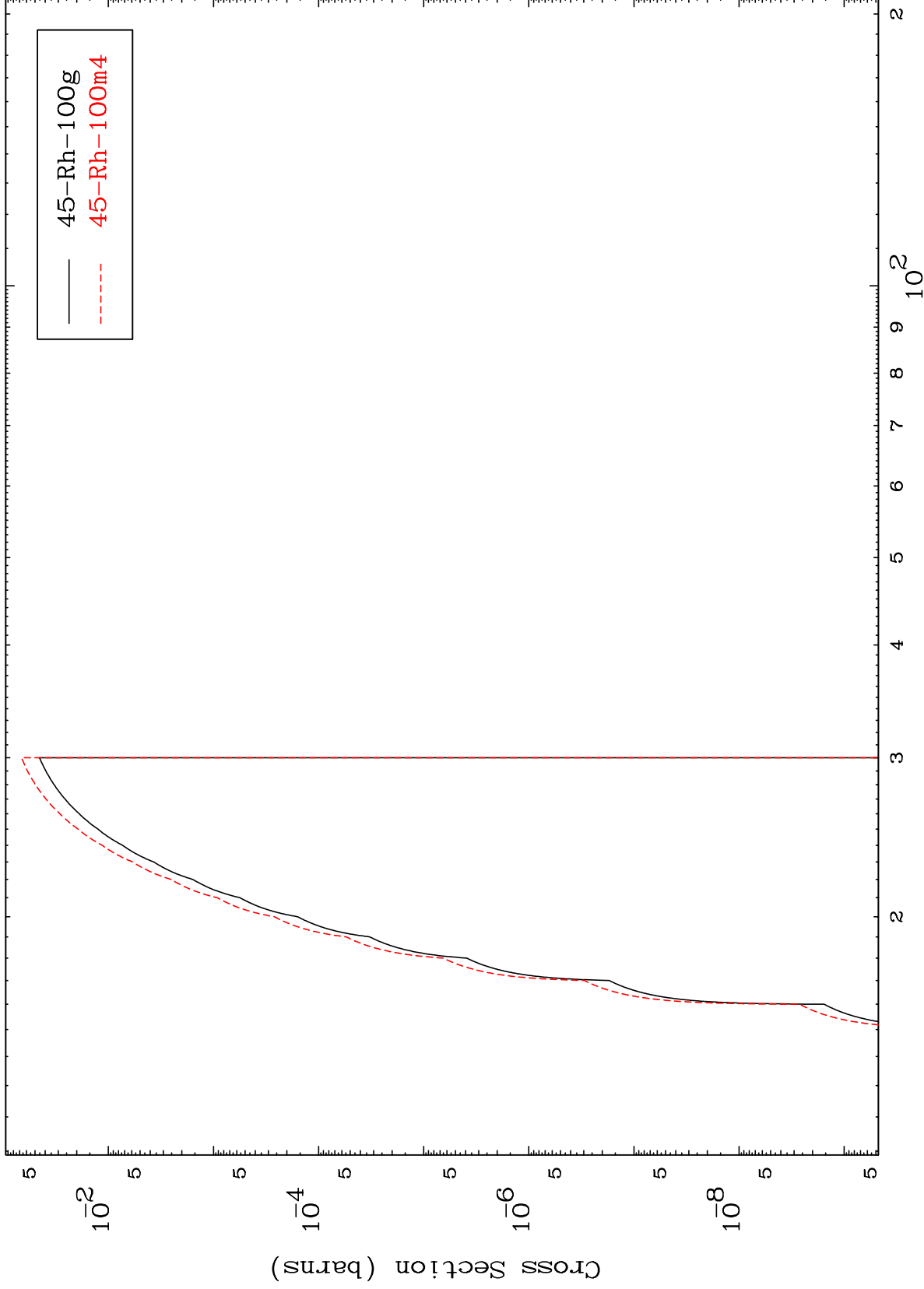
Radionuclide Production Cross Section



43-Tc-93g  
43-Tc-93m1

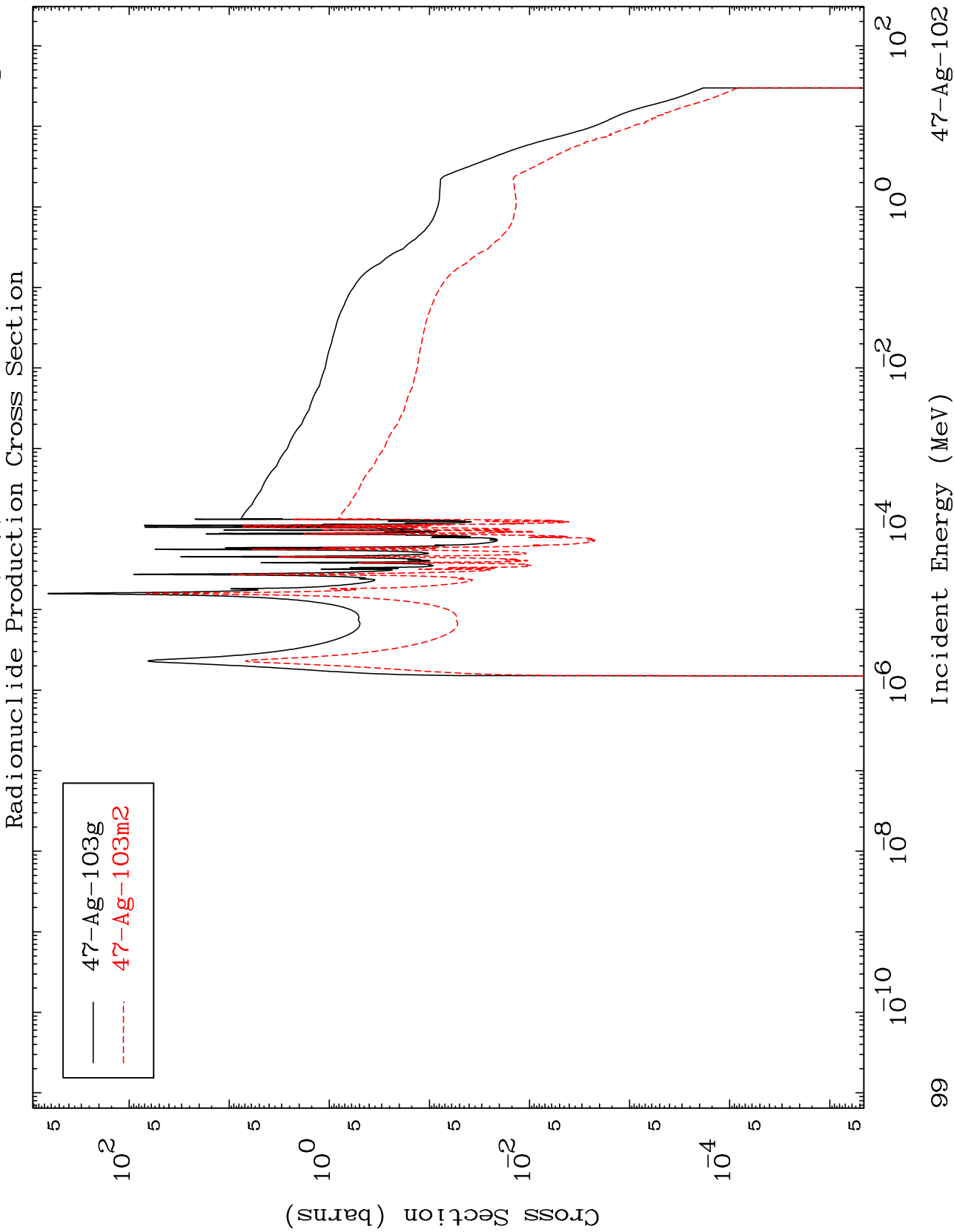


Radionuclide Production Cross Section



MAT 4710

47-Ag-102

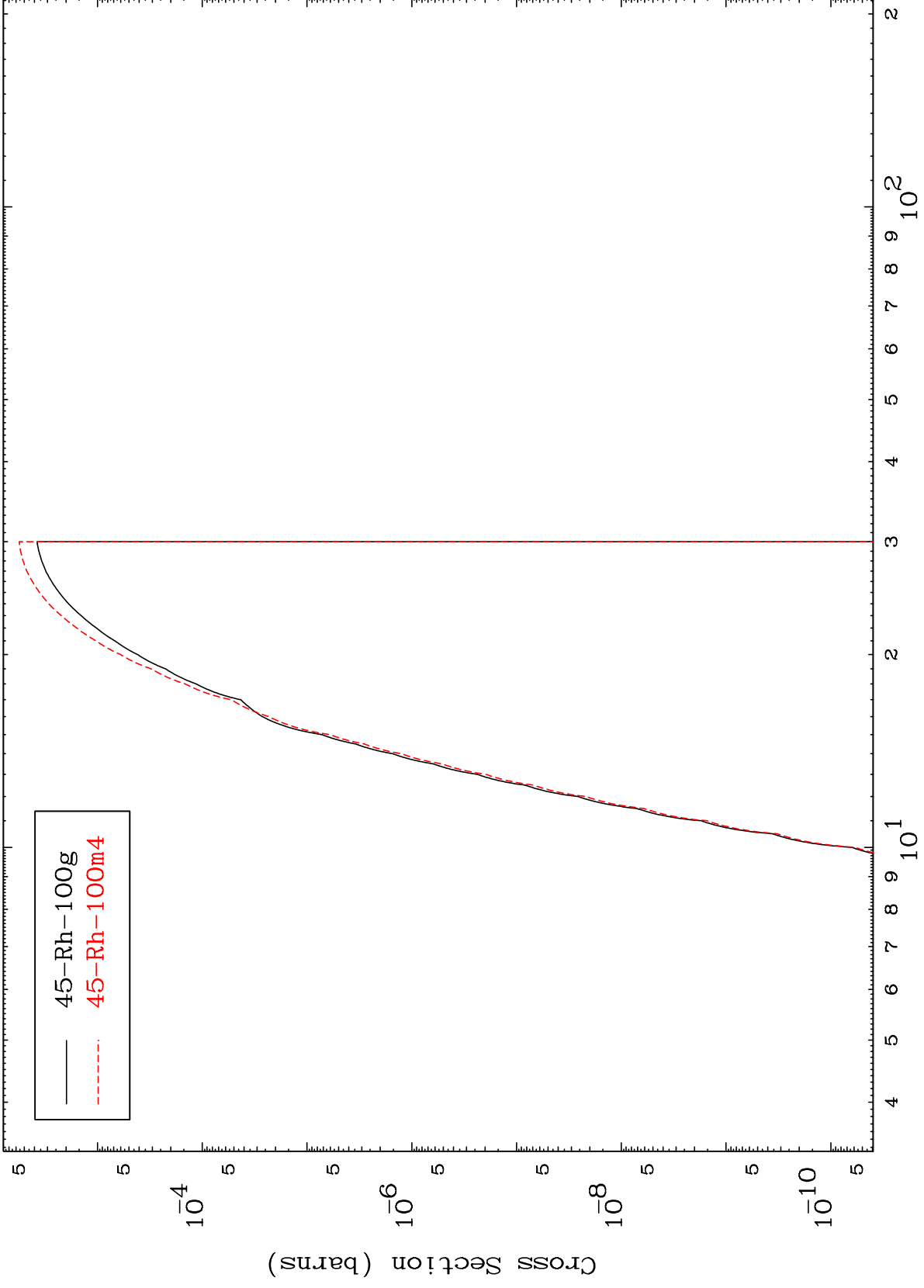


MAT 4710

(n,He-3)

47-Ag-102

Radionuclide Production Cross Section



— 45-Rh-100g  
- - - 45-Rh-100m4

100

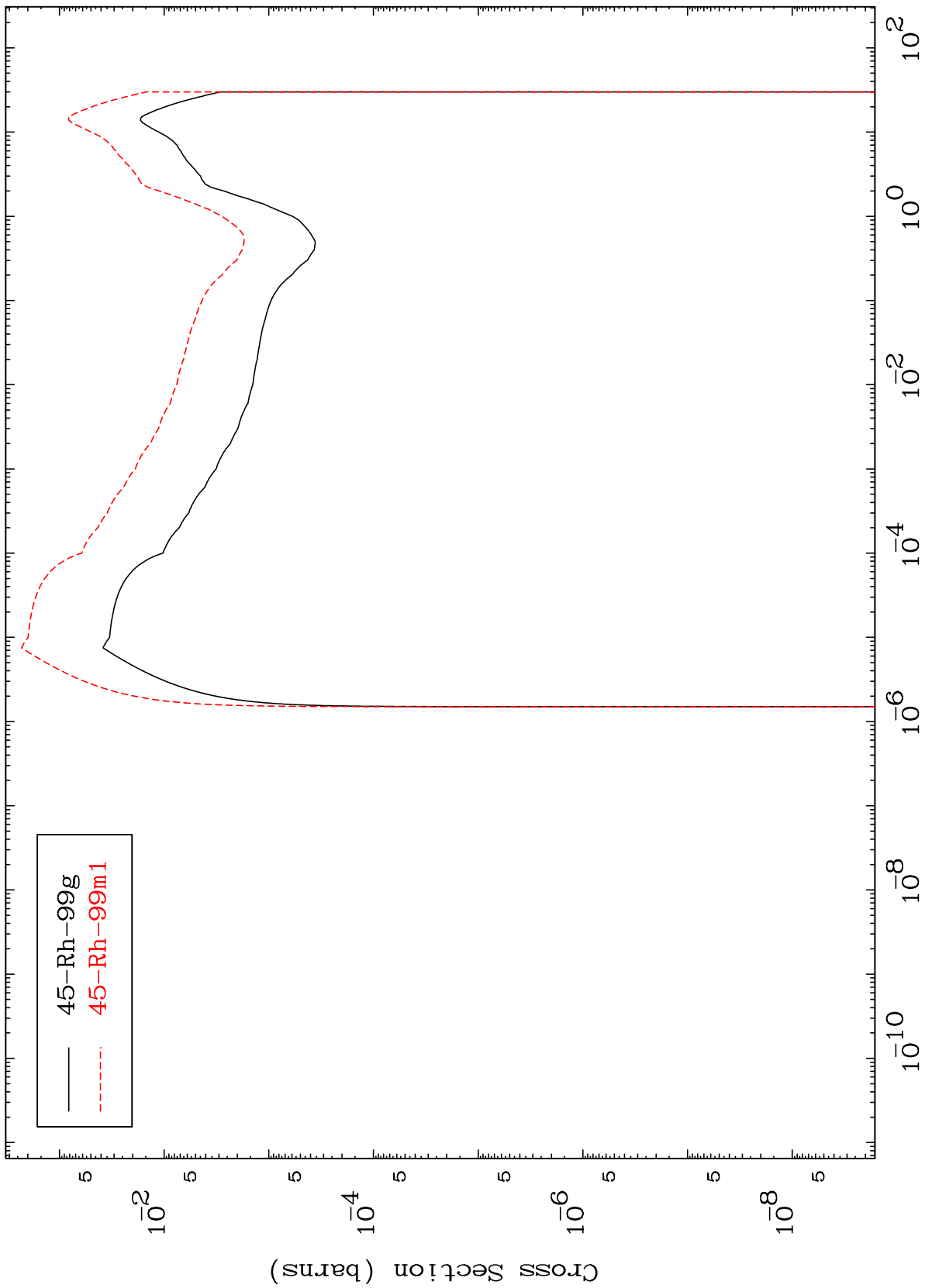
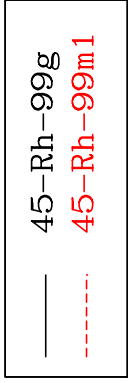
Incident Energy (MeV)

47-Ag-102

MAT 4710

47-Ag-102

Radionuclide Production Cross Section



101

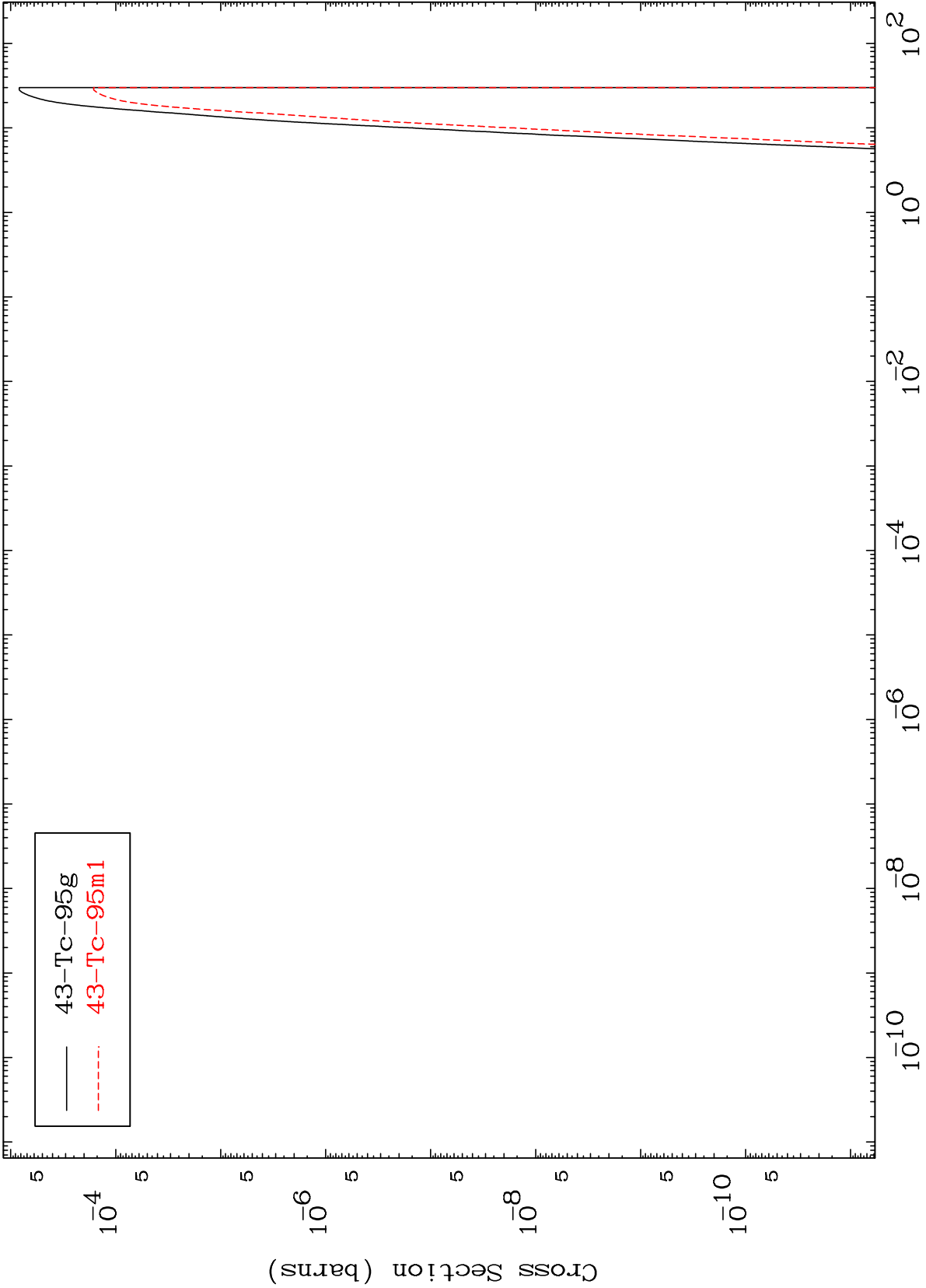
47-Ag-102

MAT 4710

(n,2α)

47-Ag-102

Radionuclide Production Cross Section



— 43-Tc-95g  
- - - 43-Tc-95m1

102

Incident Energy (MeV)

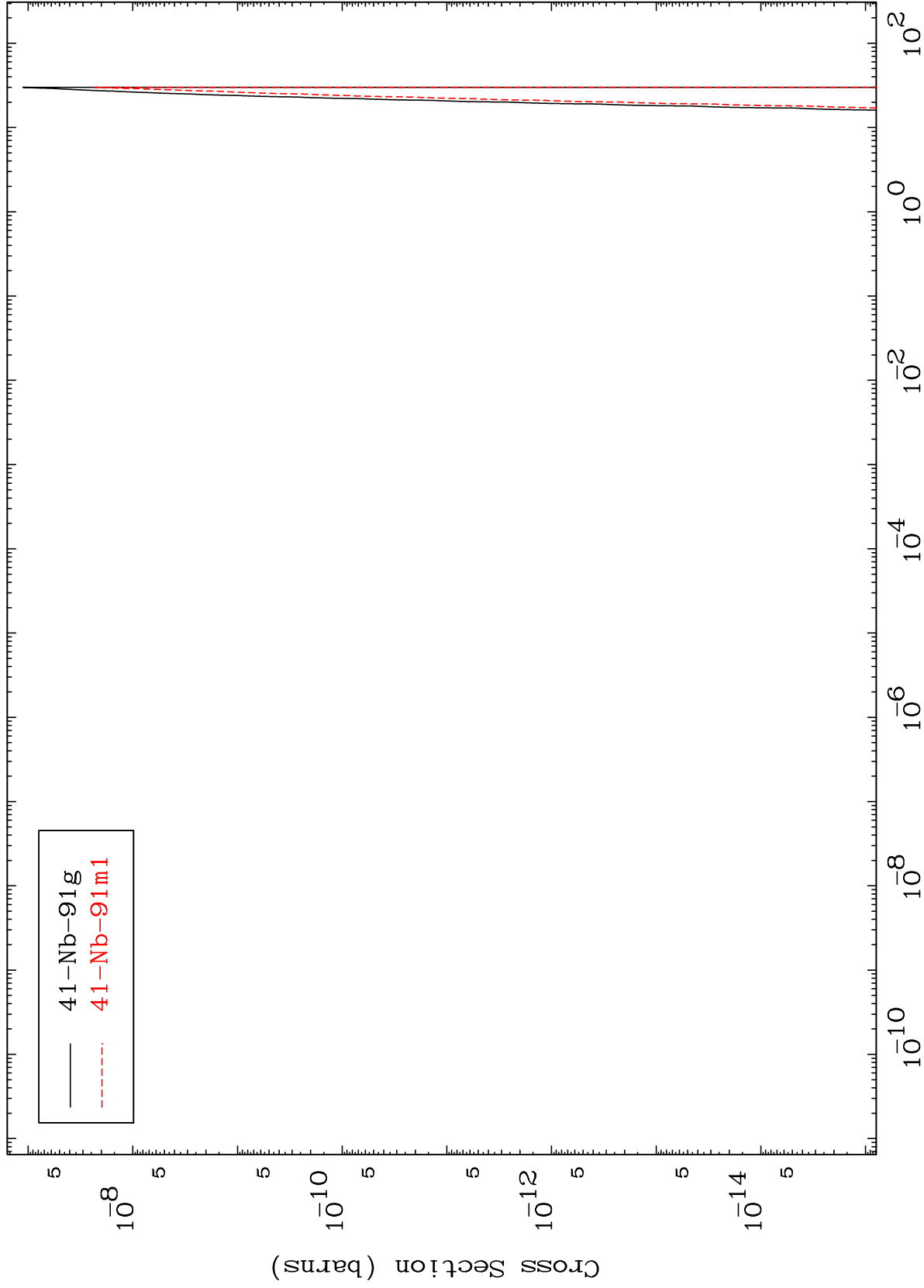
47-Ag-102

MAT 4710

(n,3α)

47-Ag-102

Radionuclide Production Cross Section



103

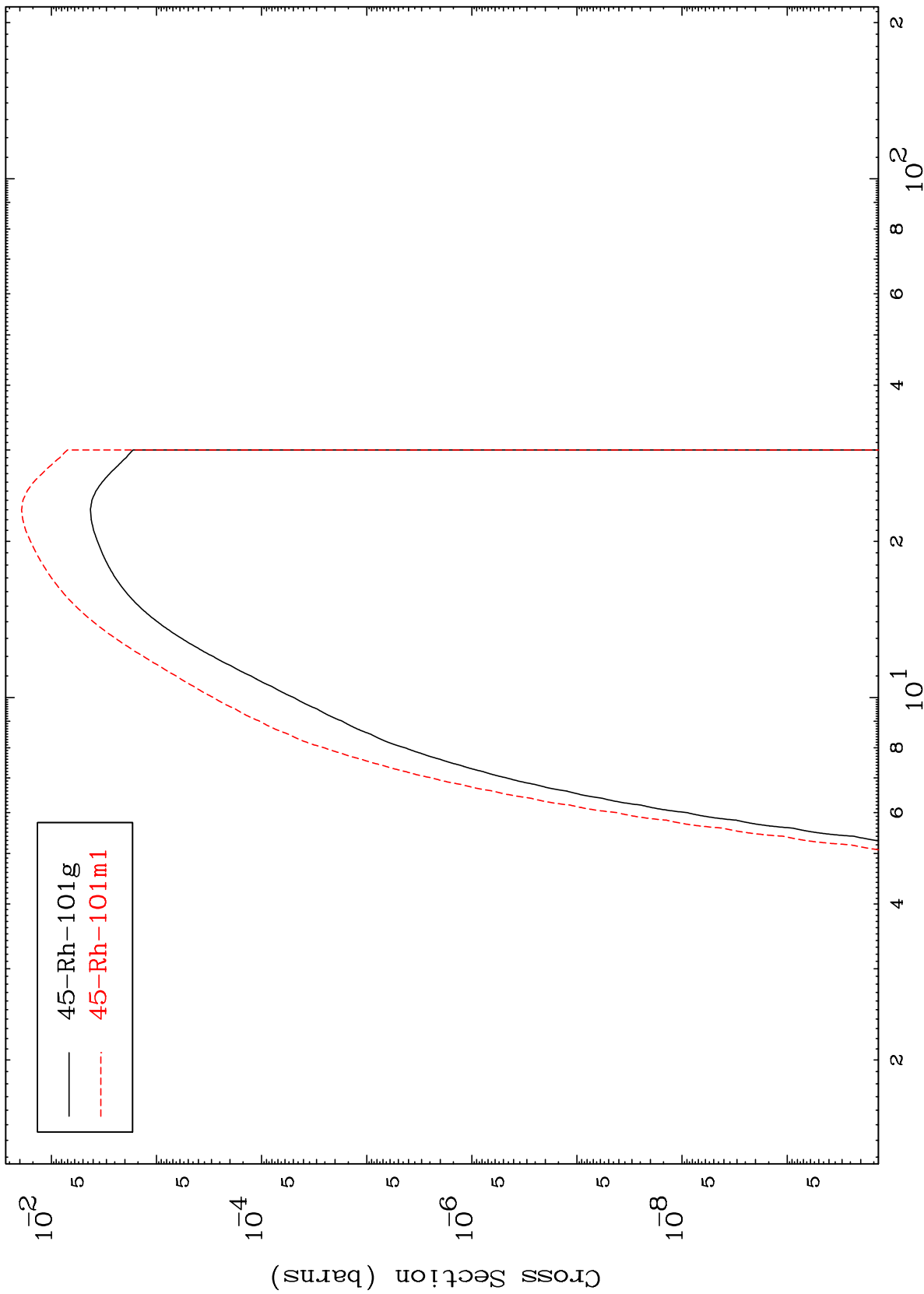
Incident Energy (MeV)

47-Ag-102

MAT 4710

47-Ag-102

Radionuclide Production Cross Section  
(n,2p)



— 45-Rh-101g  
- - - 45-Rh-101m1

104

Incident Energy (MeV)

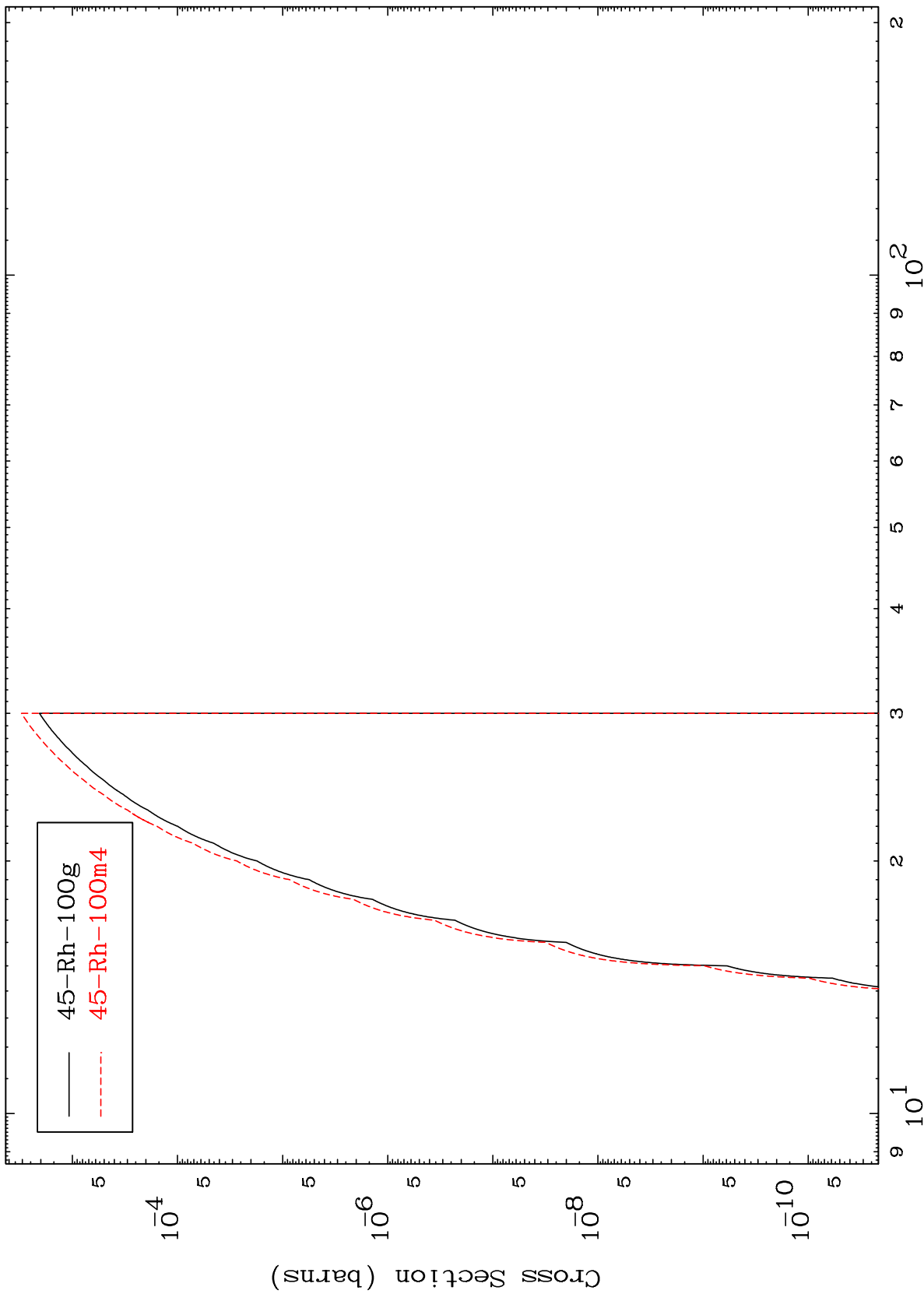
47-Ag-102

MAT 4710

(n,p) d

47-Ag-102

Radionuclide Production Cross Section



Incident Energy (MeV)

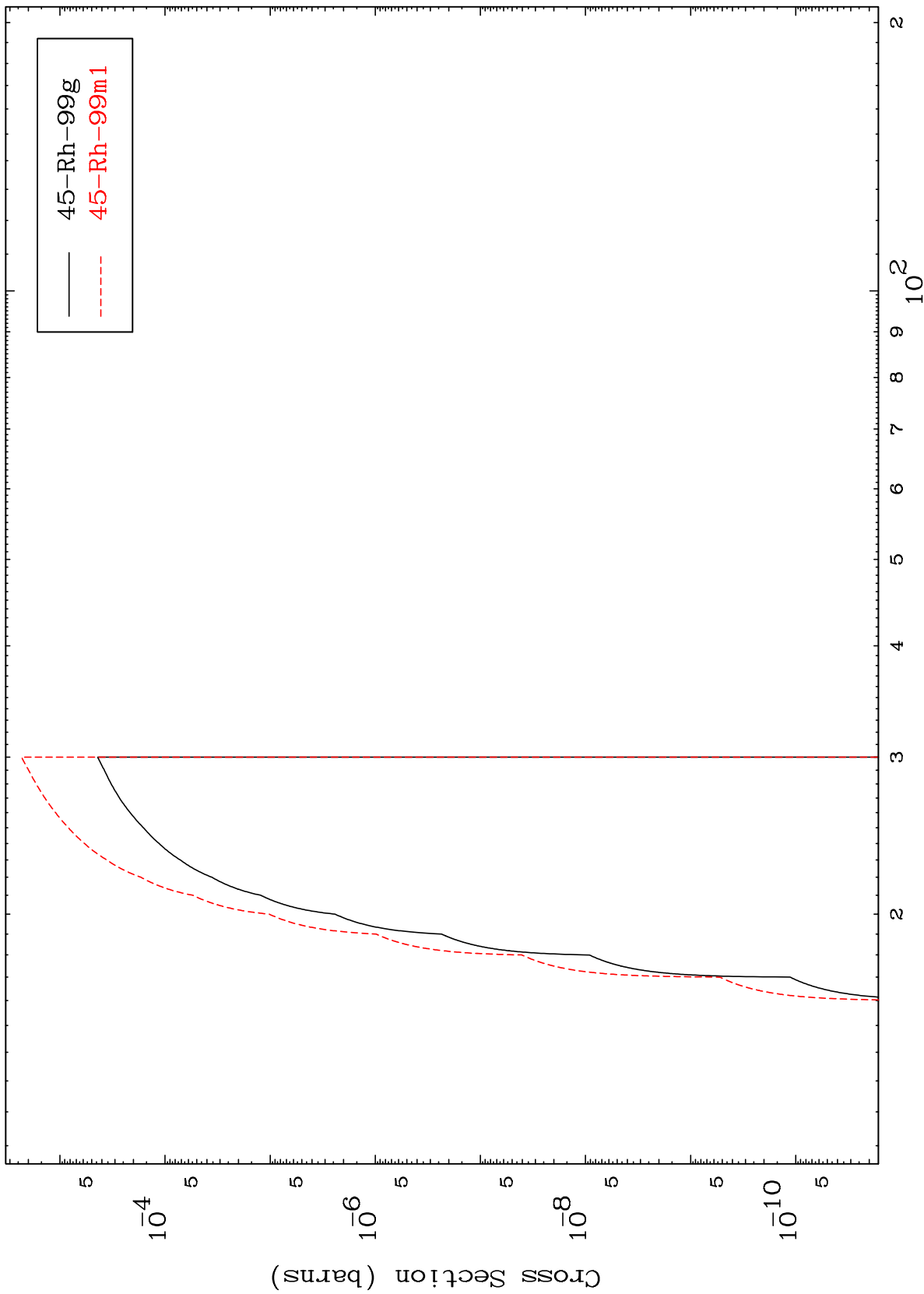
47-Ag-102

MAT 4710

(n,p) t

47-Ag-102

Radionuclide Production Cross Section



106

Incident Energy (MeV)

47-Ag-102