

Program EVALPLOT  
(Version 2021-1)

by

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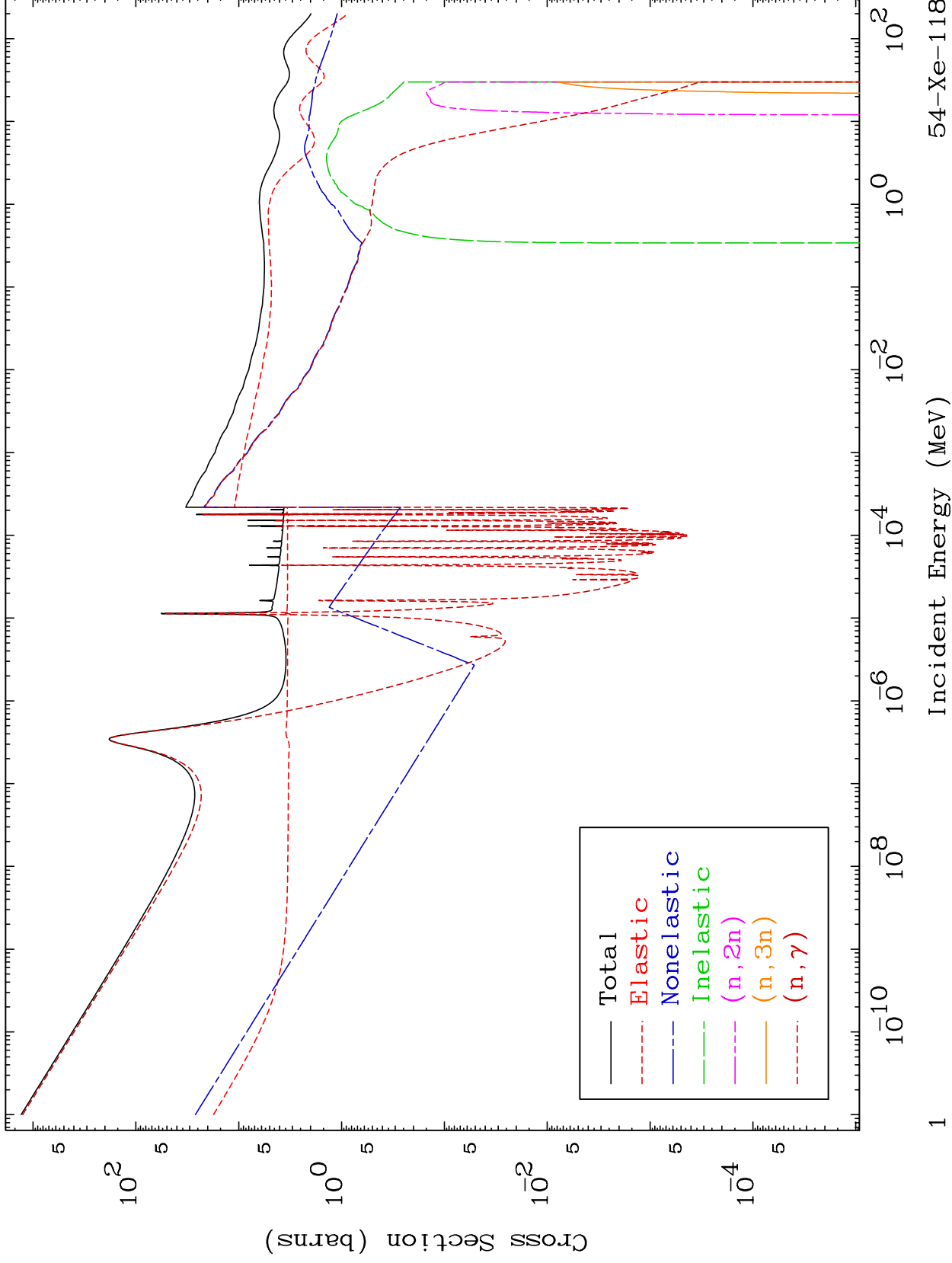
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Press Mouse Button to Start

MAT 5407

Neutron Major  
293 Kelvin Cross Sections

54-Xe-118

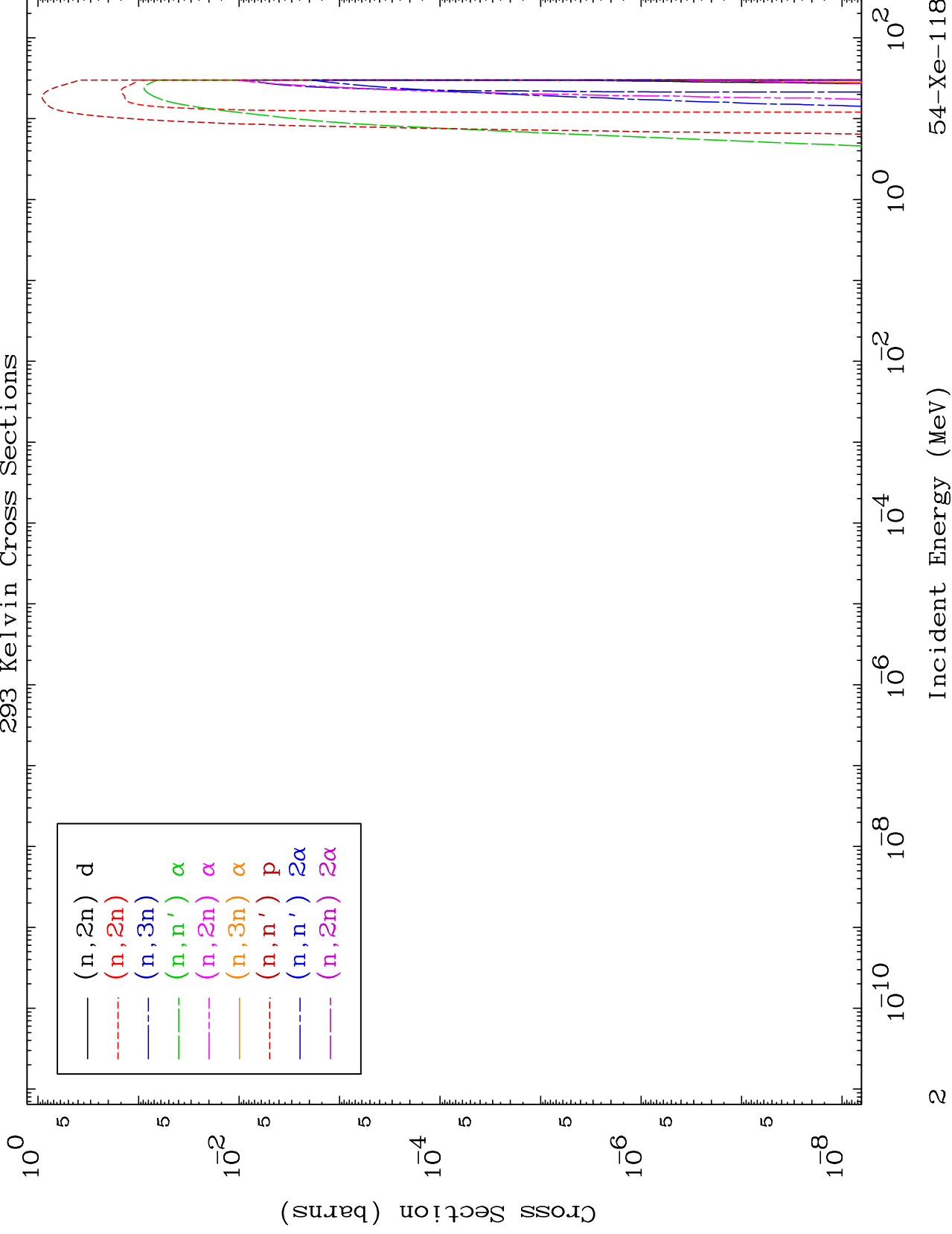


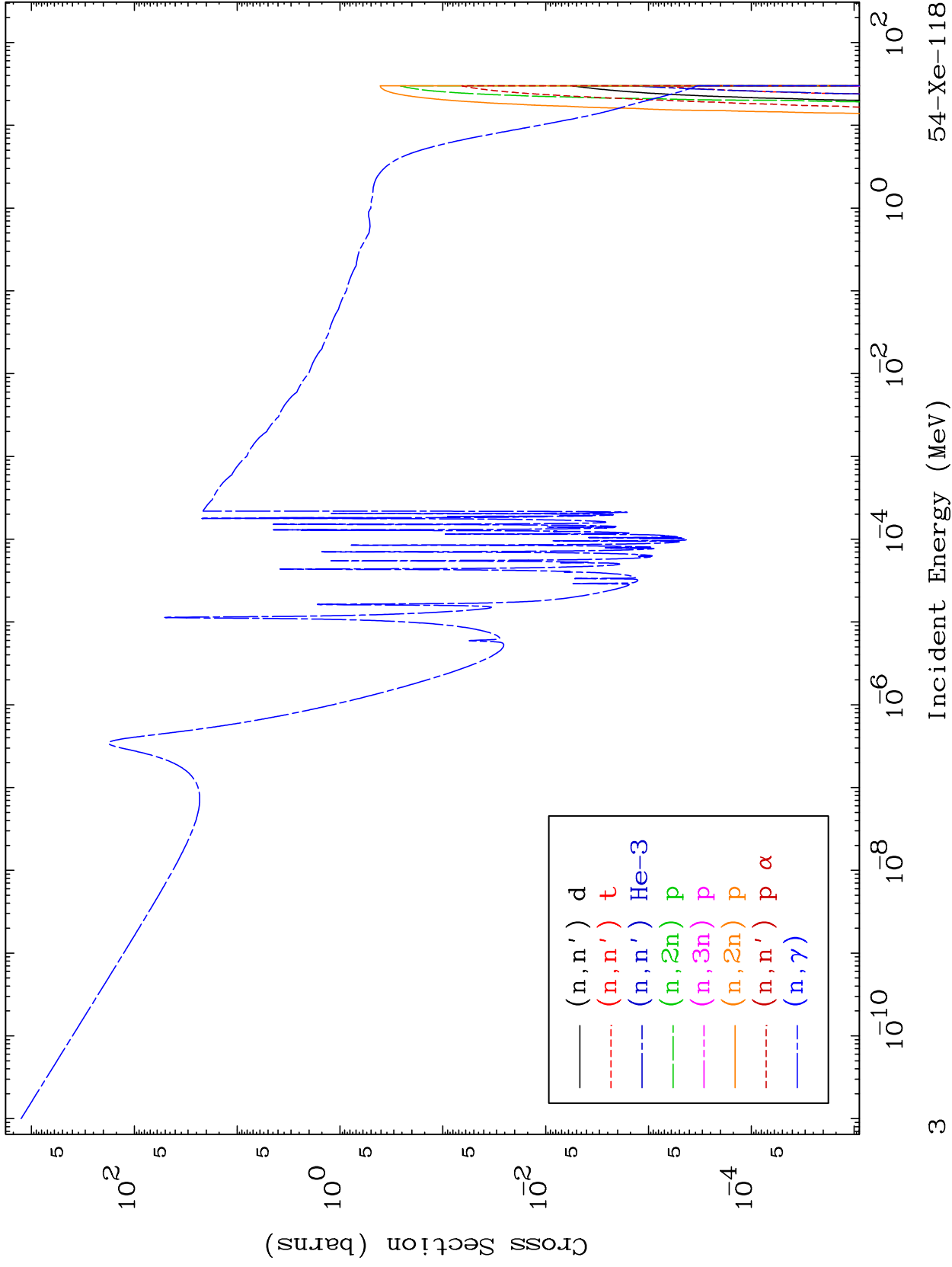
54-Xe-118

MAT 5407

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-118

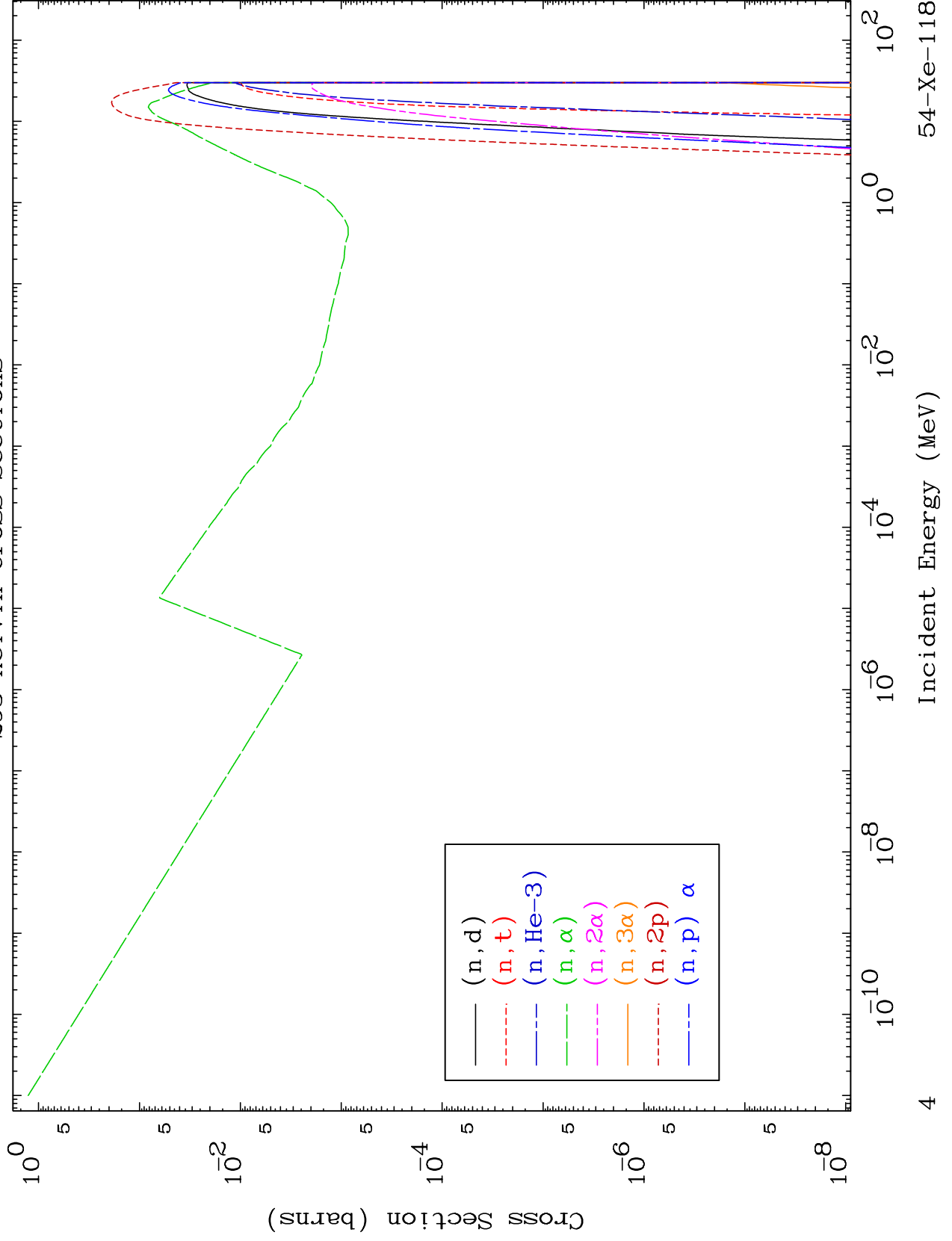




MAT 5407

Neutron Absorption  
293 Kelvin Cross Sections

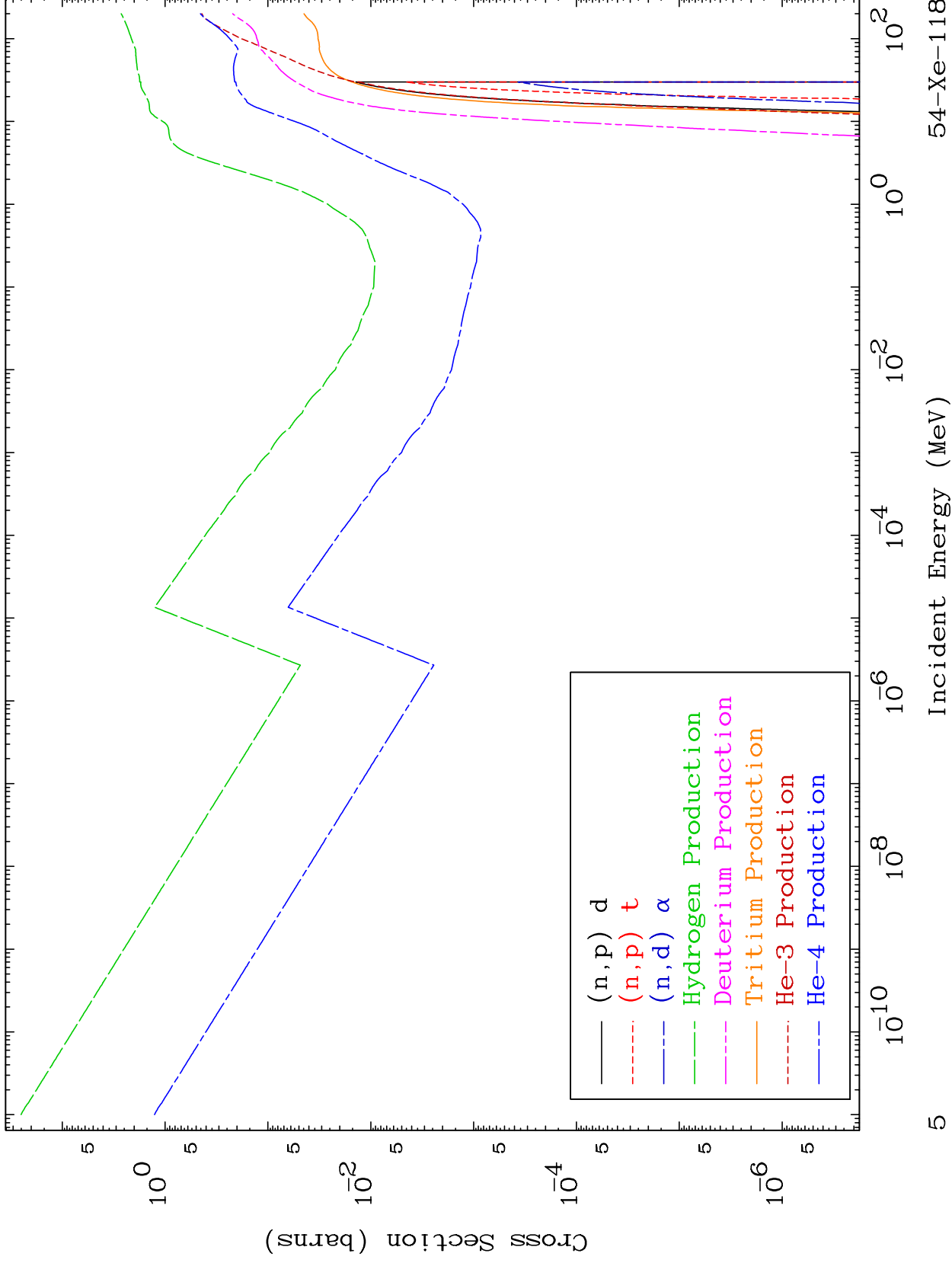
54-Xe-118



MAT 5407

Neutron Absorption  
293 Kelvin Cross Sections

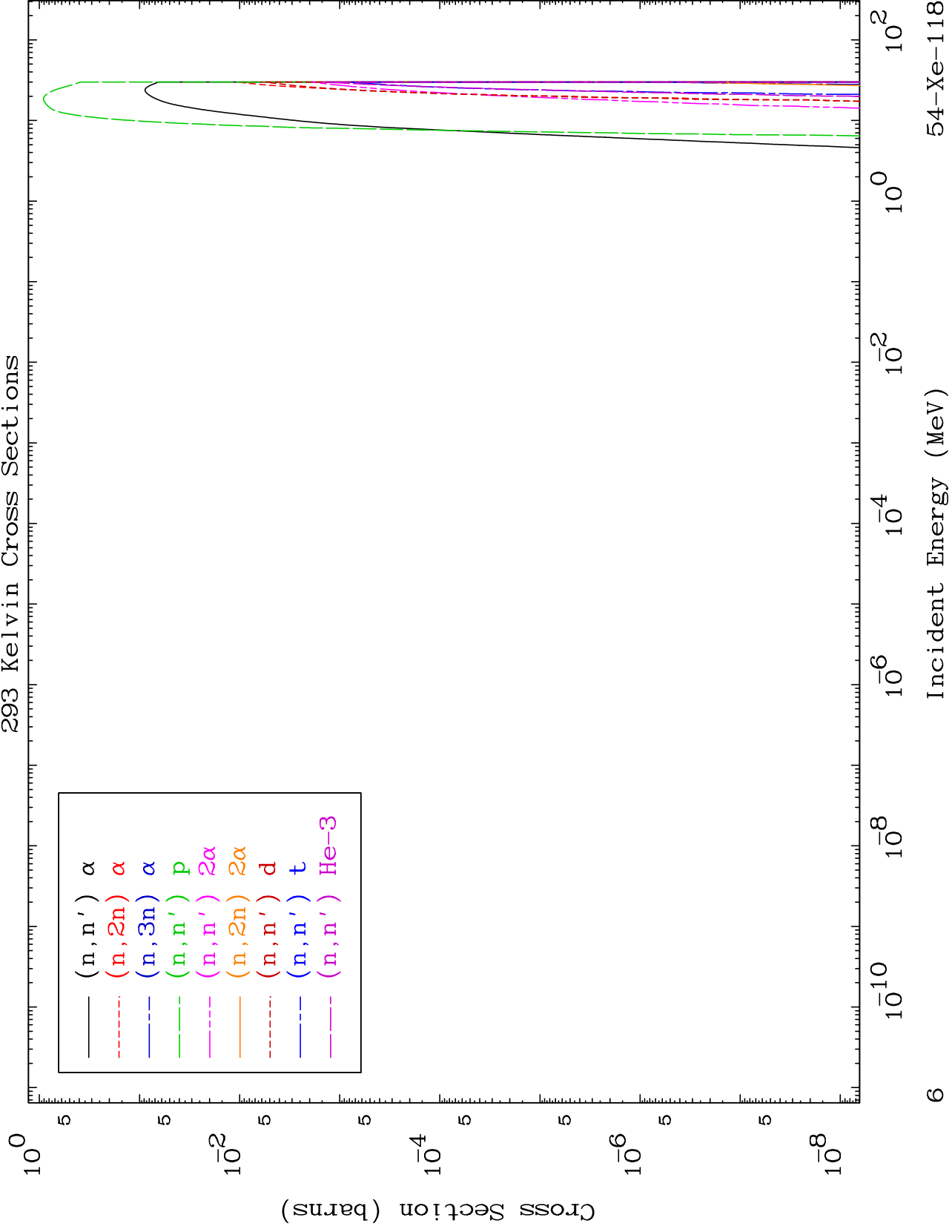
54-Xe-118



MAT 5407

Charged Particle  
293 Kelvin Cross Sections

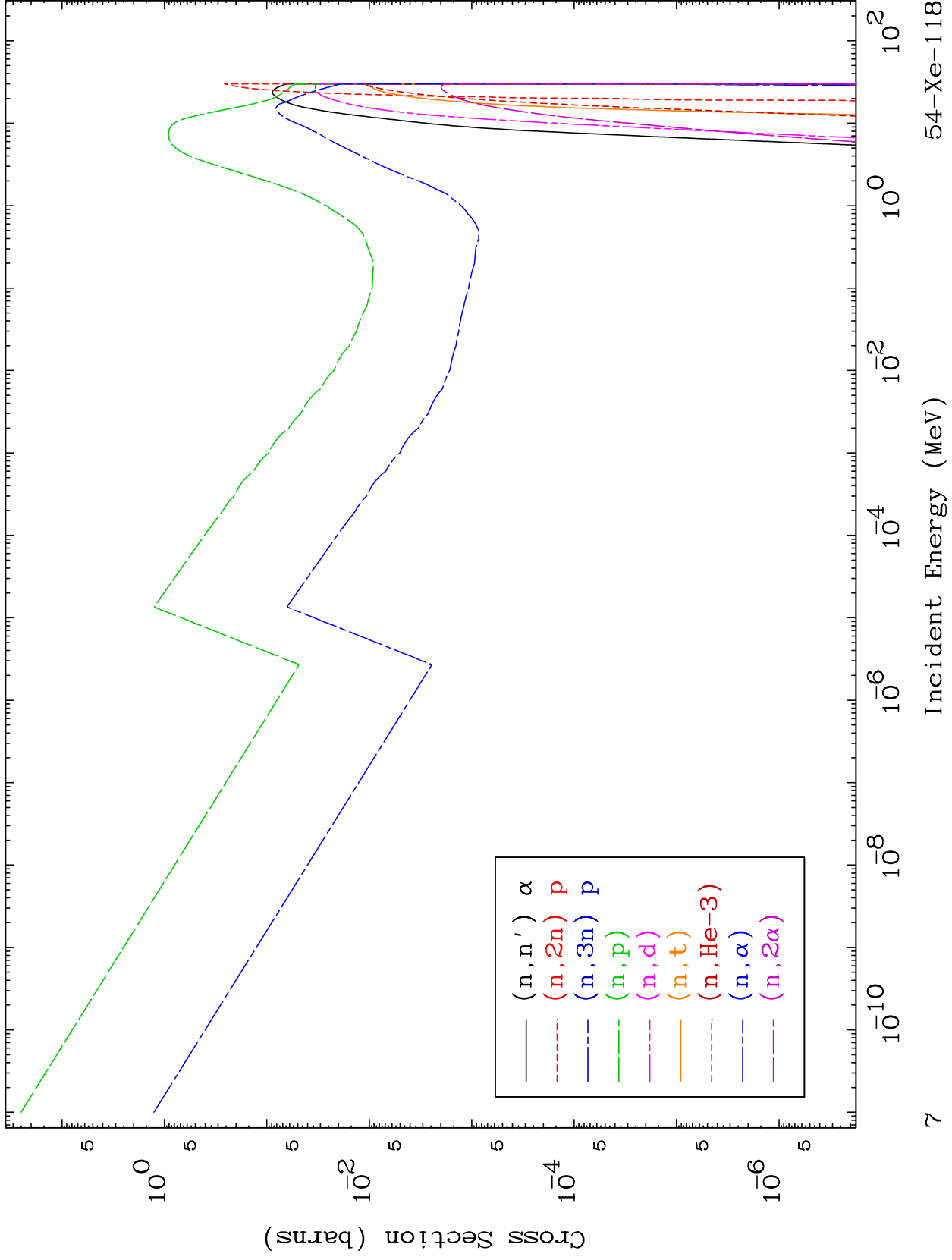
54-Xe-118



MAT 5407

Charged Particle  
293 Kelvin Cross Sections

54-Xe-118

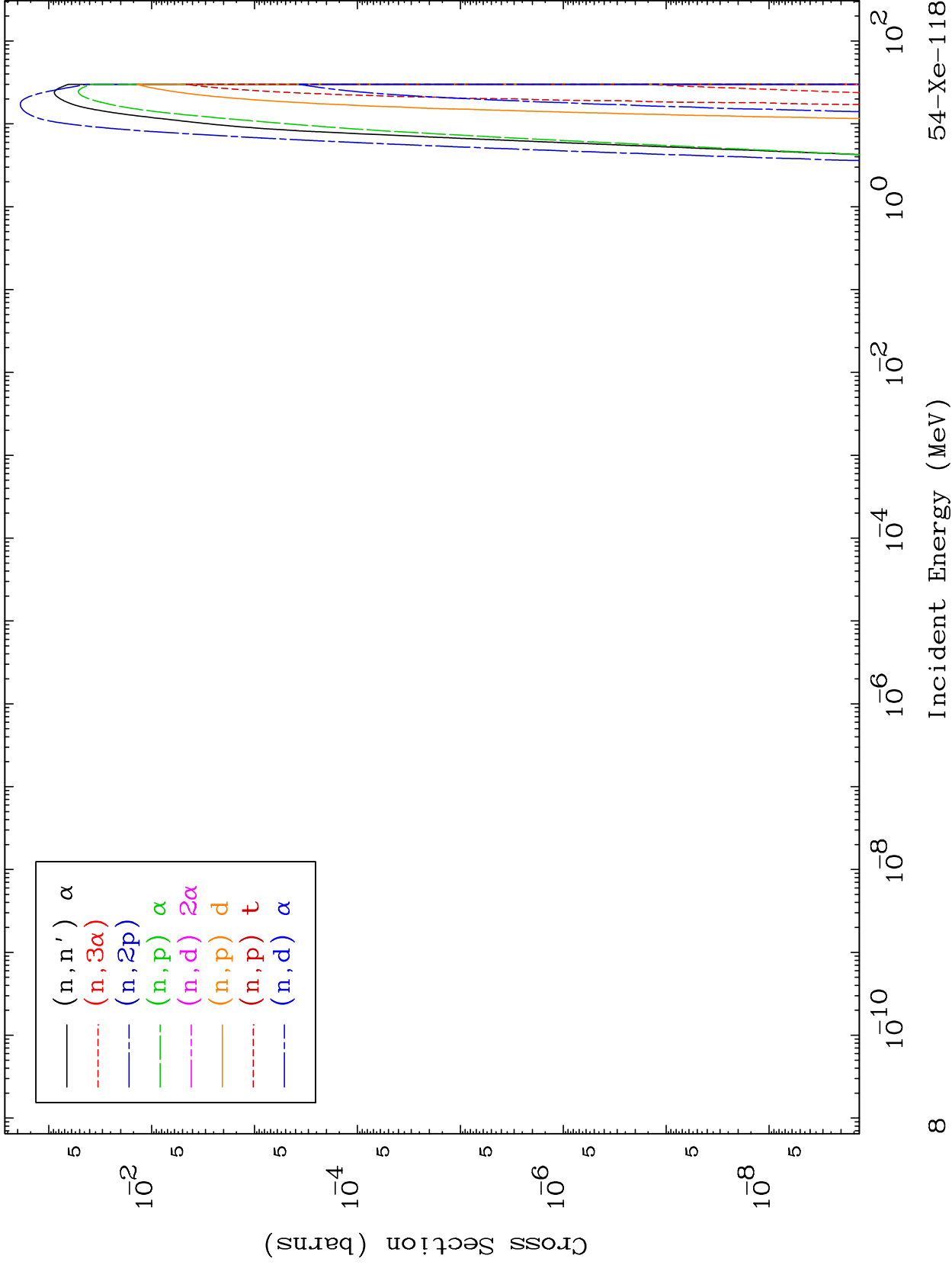


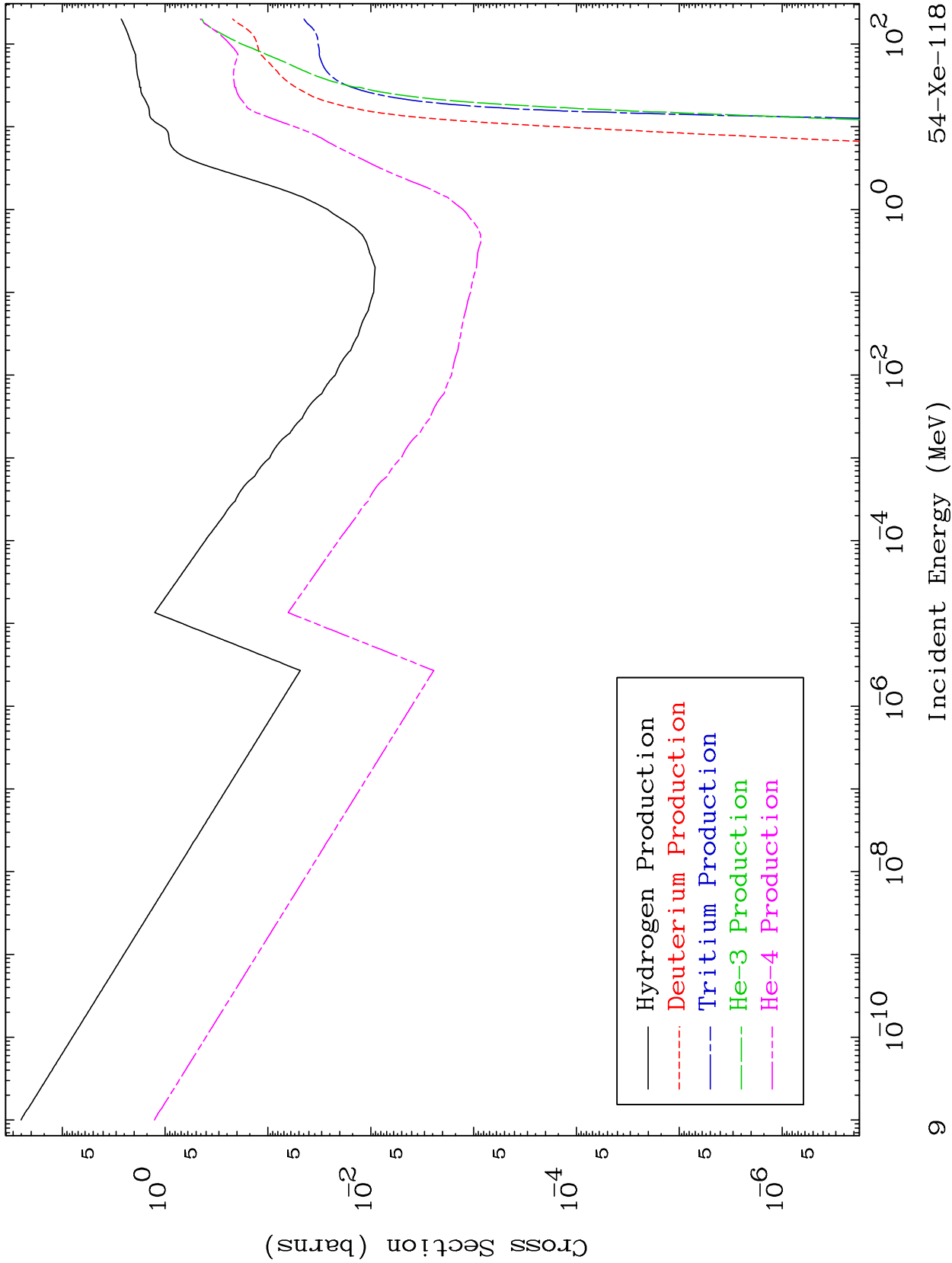


MAT 5407

Charged Particle  
293 Kelvin Cross Sections

54-Xe-118



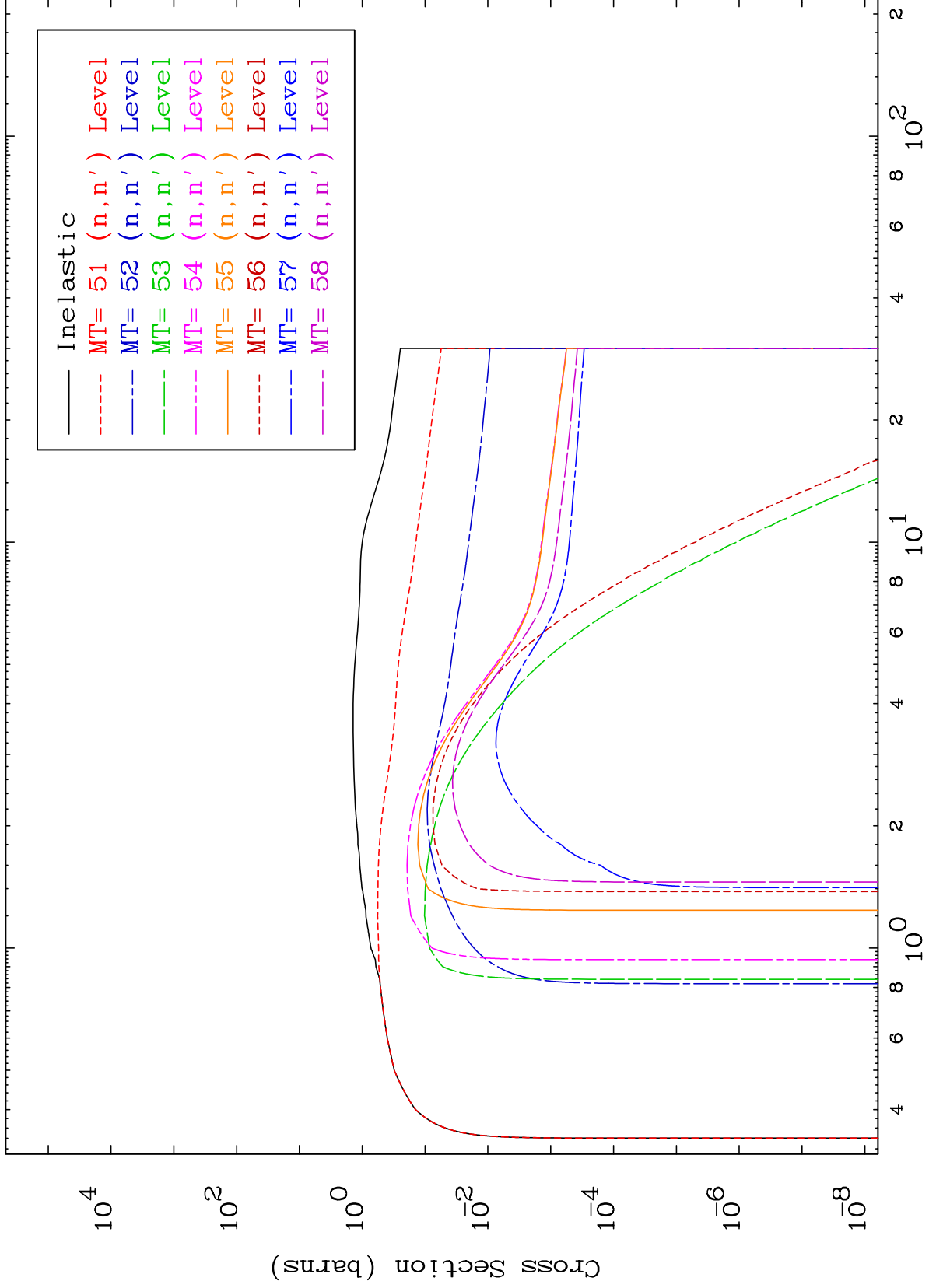


MAT 5407

(n,n') Levels

54-Xe-118

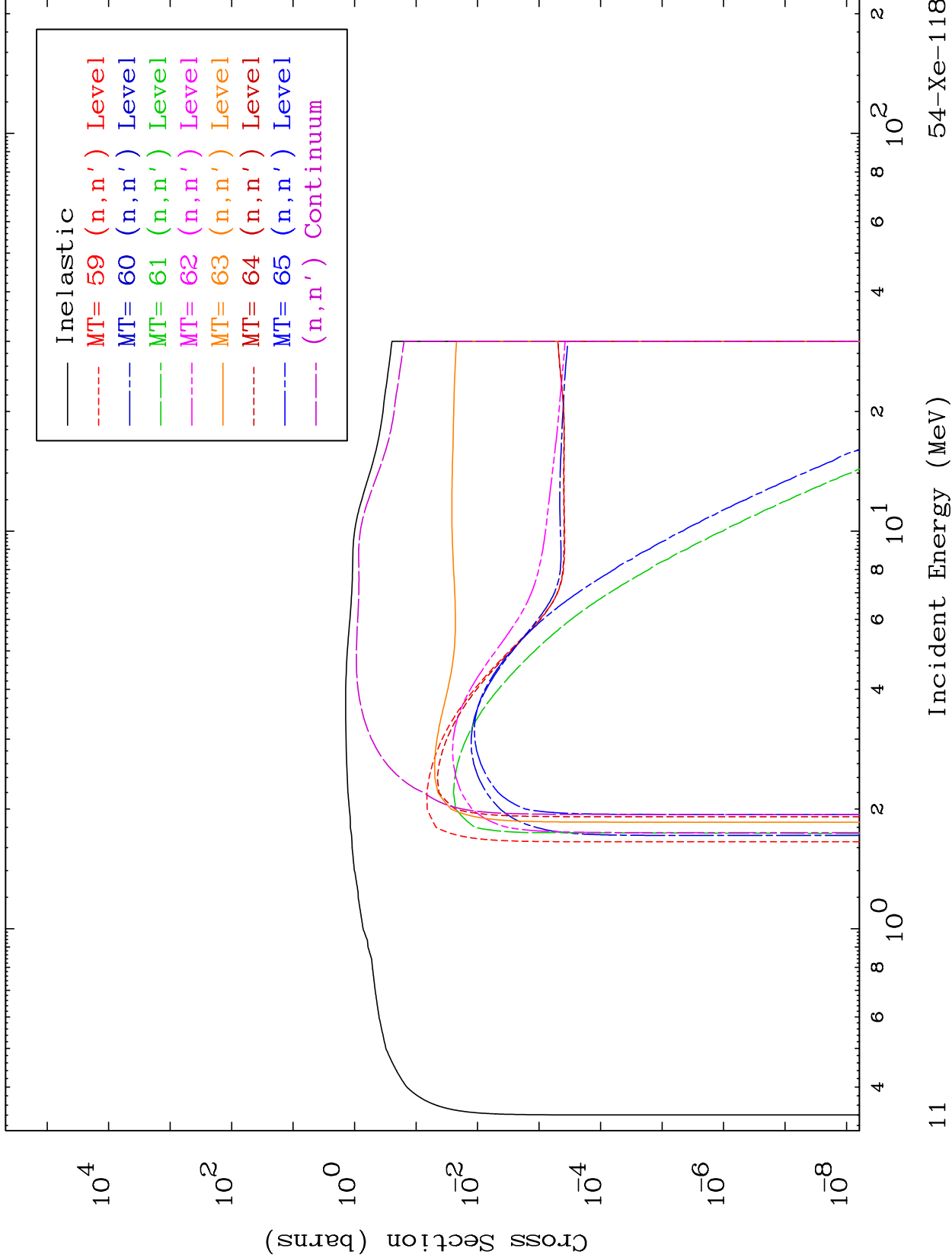
293 Kelvin Cross Sections



10

Incident Energy (MeV)

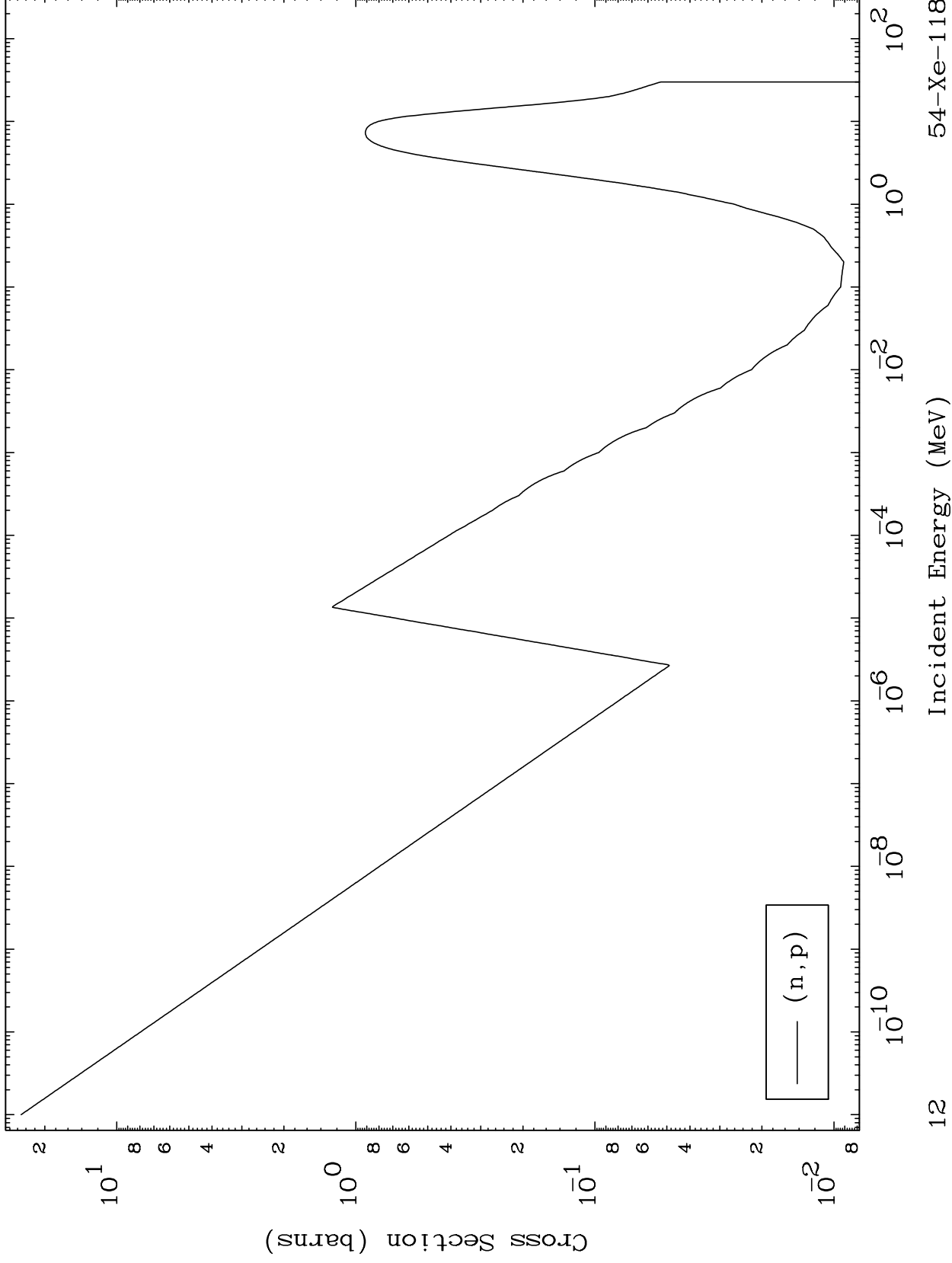
54-Xe-118



MAT 5407

(n,p) Levels  
293 Kelvin Cross Sections

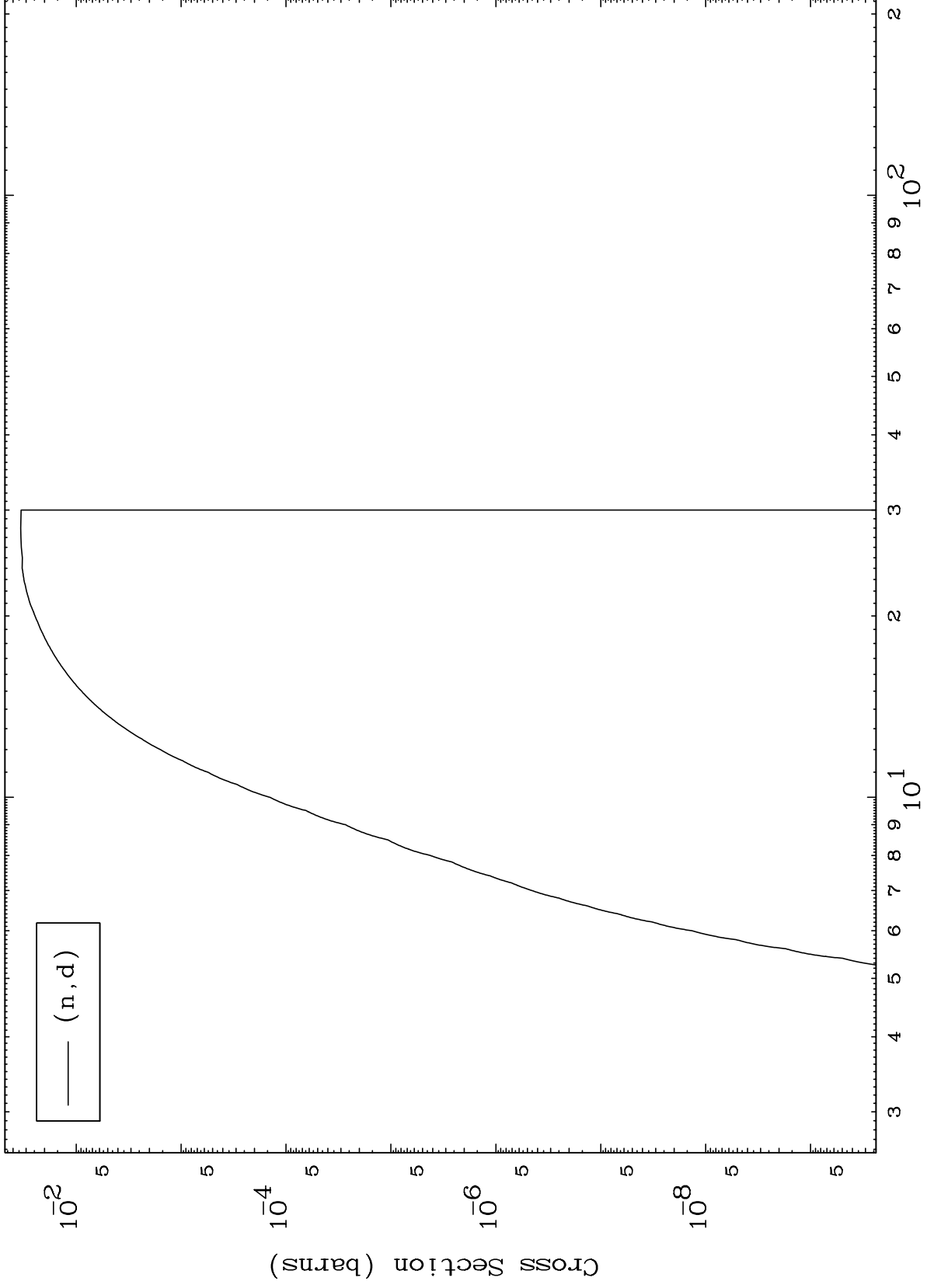
54-Xe-118



MAT 5407

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-118



13

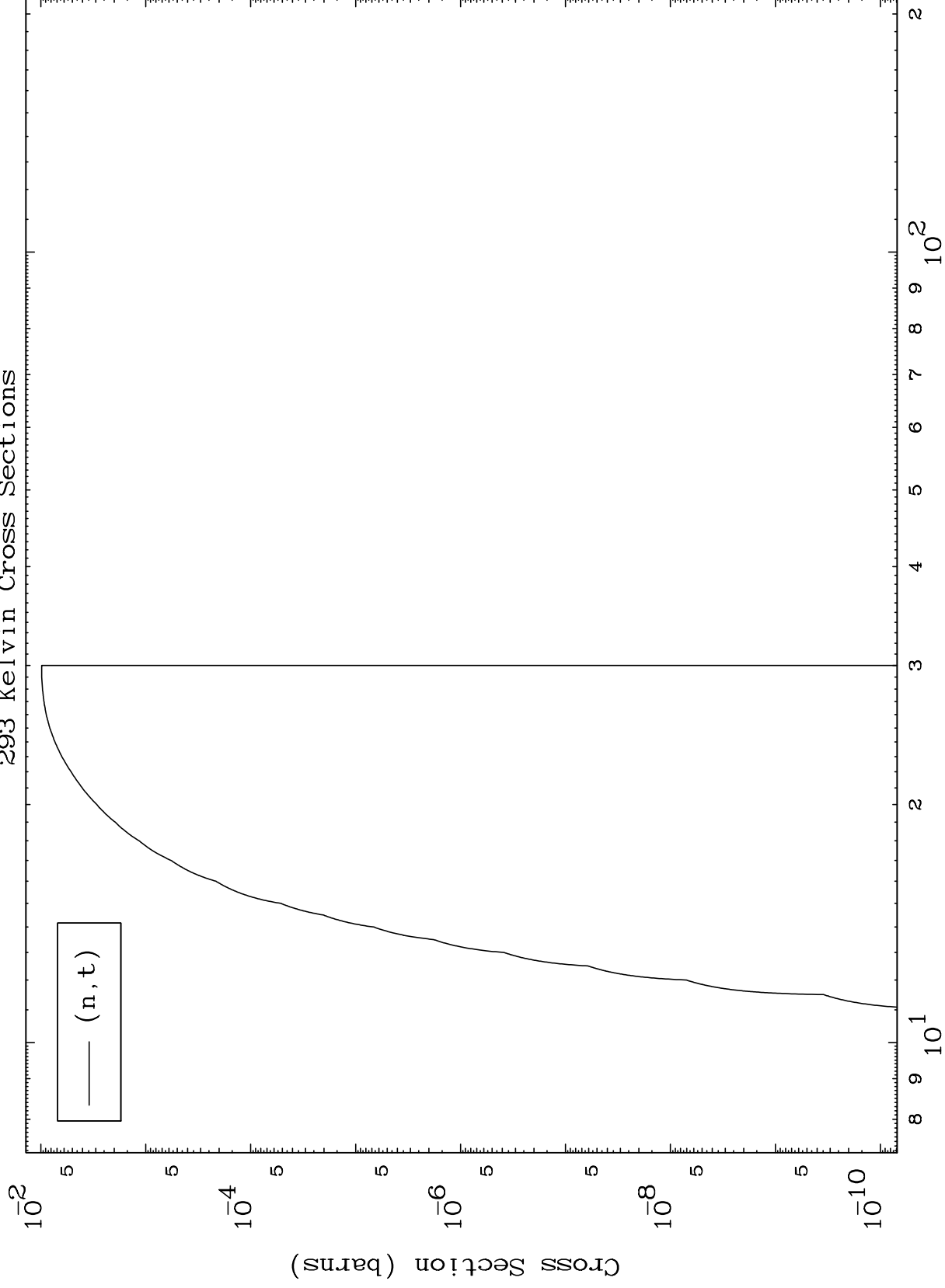
Incident Energy (MeV)

54-Xe-118

MAT 5407

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-118



14

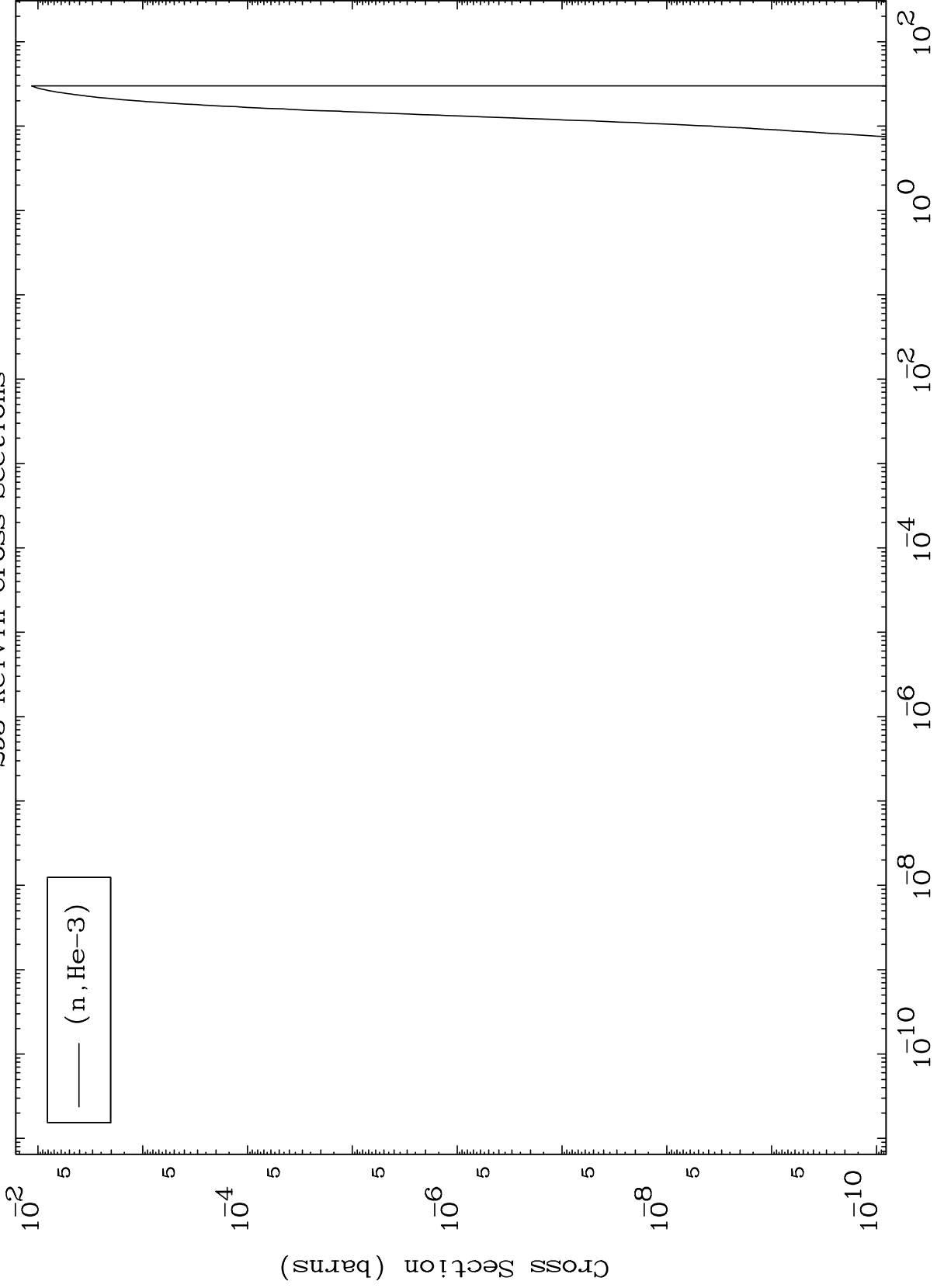
Incident Energy (MeV)

54-Xe-118

MAT 5407

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-118



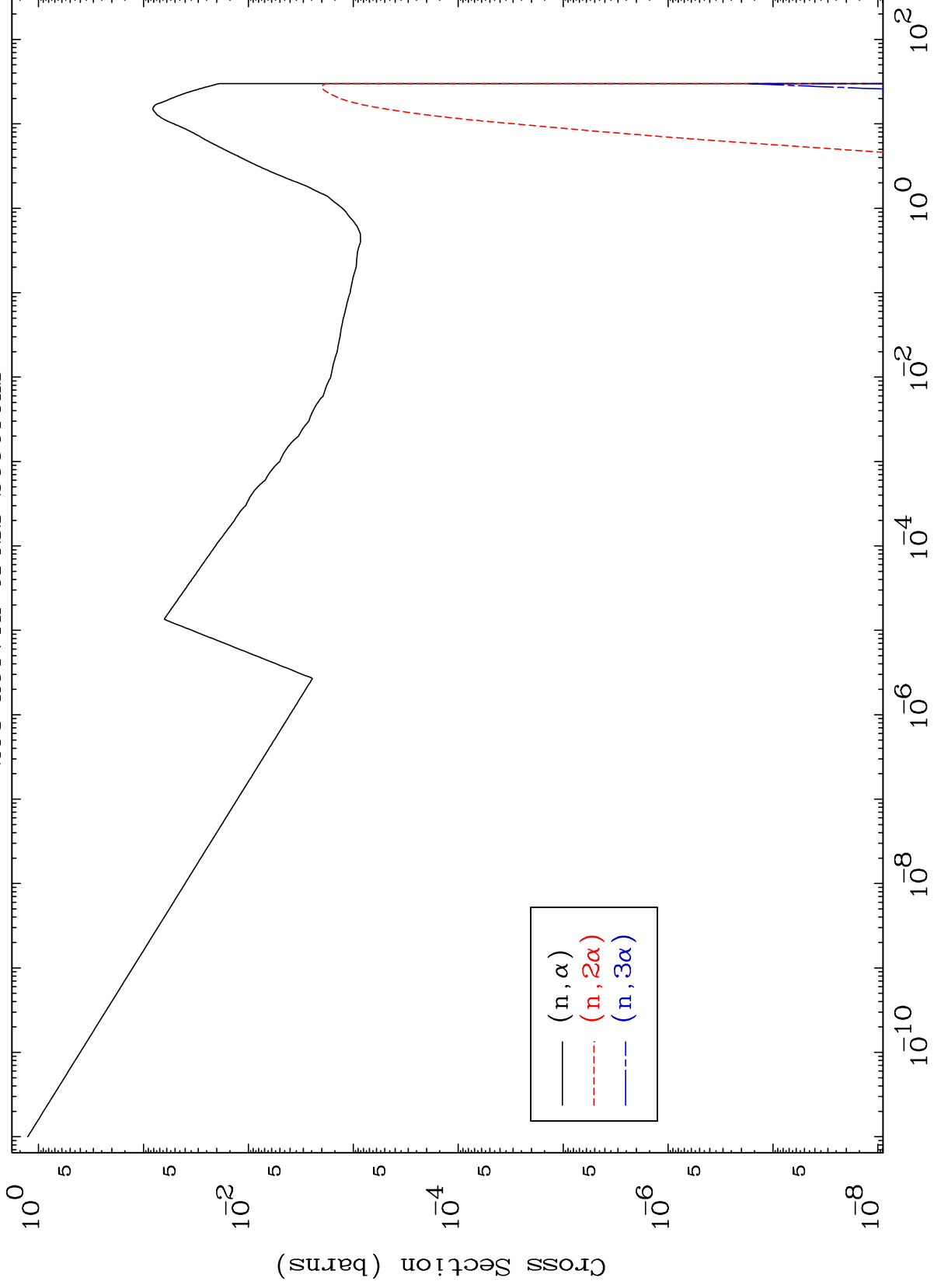
(n, He-3)



MAT 5407

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

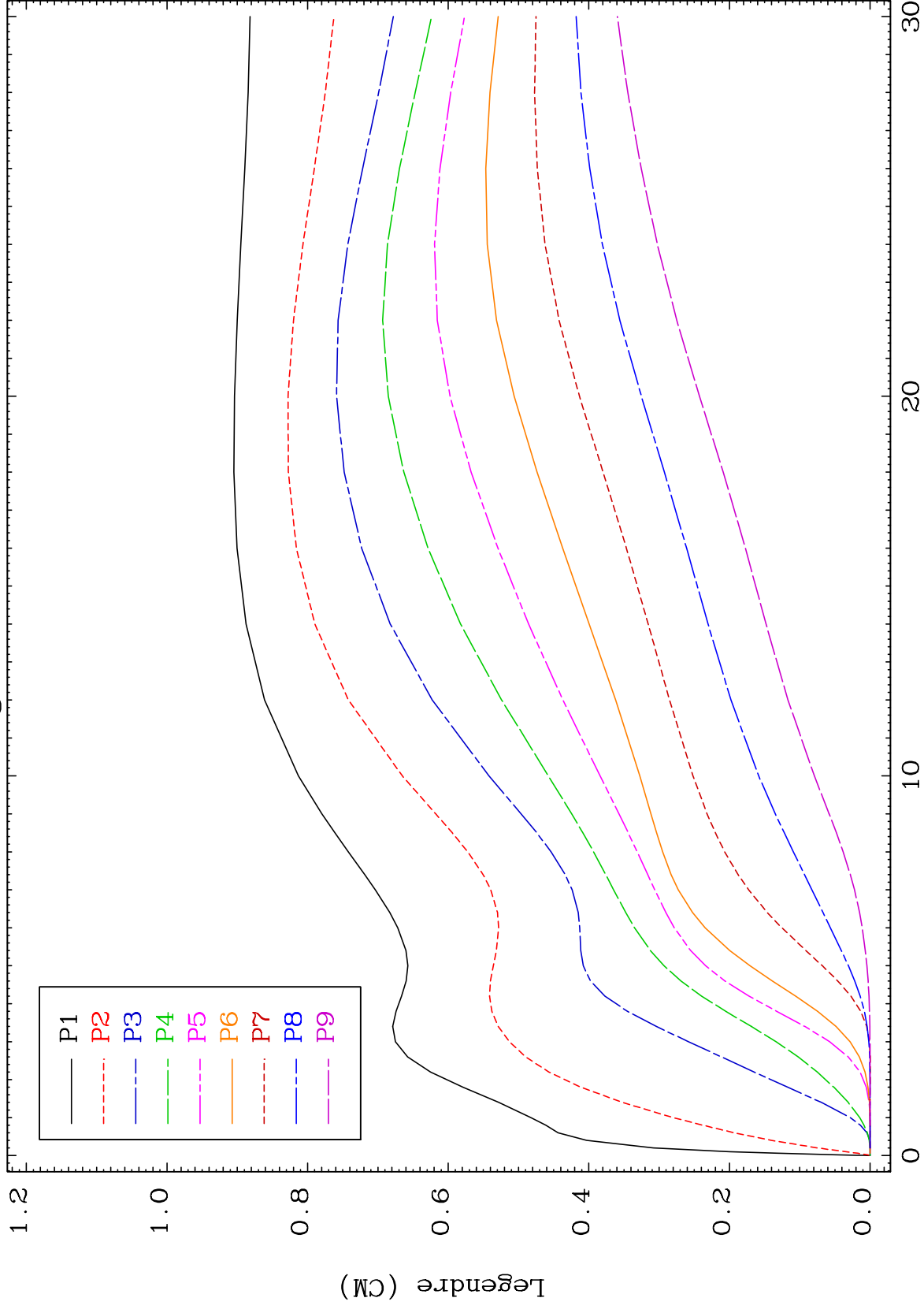
54-Xe-118



MAT 5407

Elastic Legendre Coefficients

54-Xe-118



17

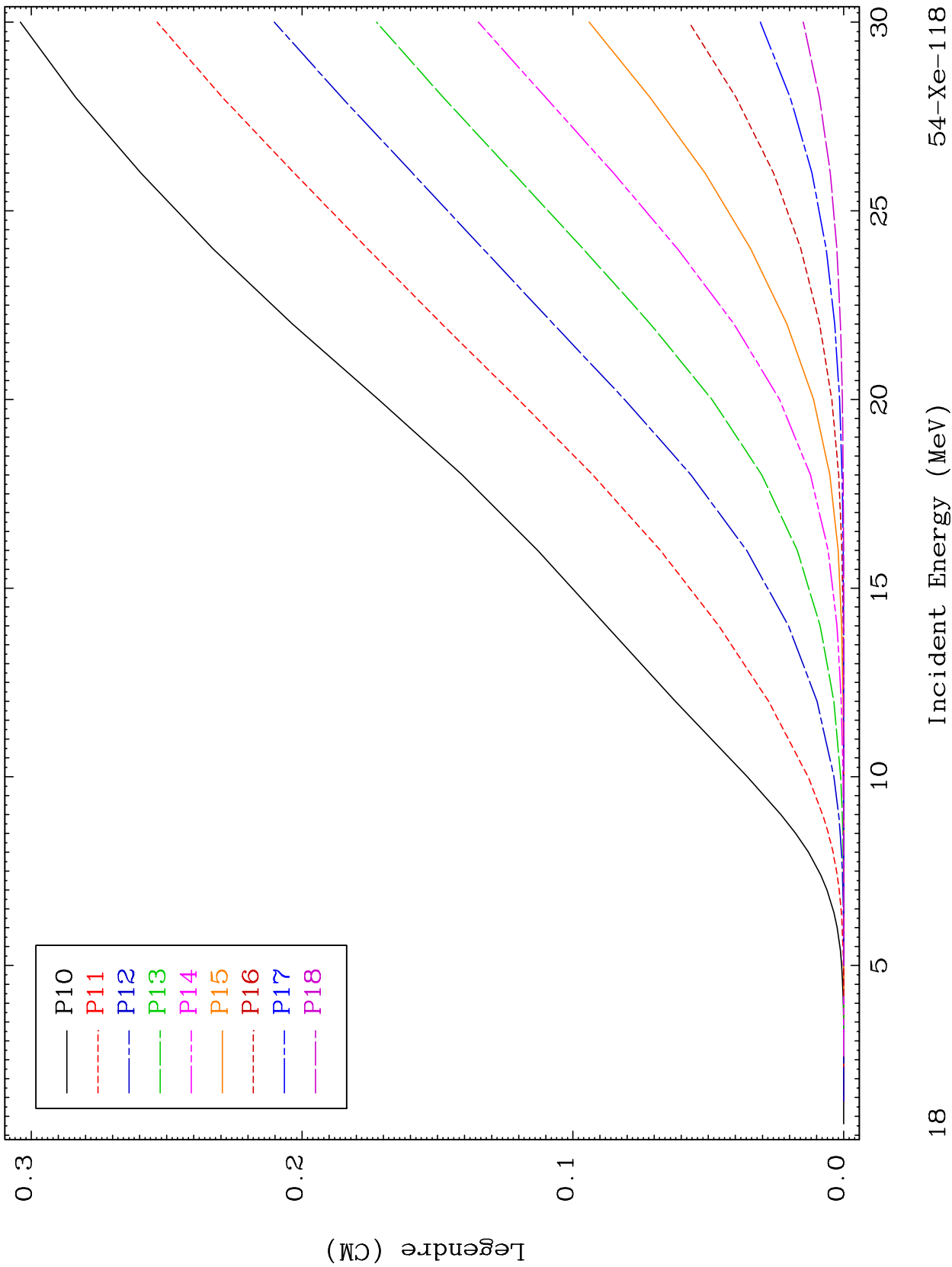
Incident Energy (MeV)

54-Xe-118

MAT 5407

Elastic Legendre Coefficients

54-Xe-118

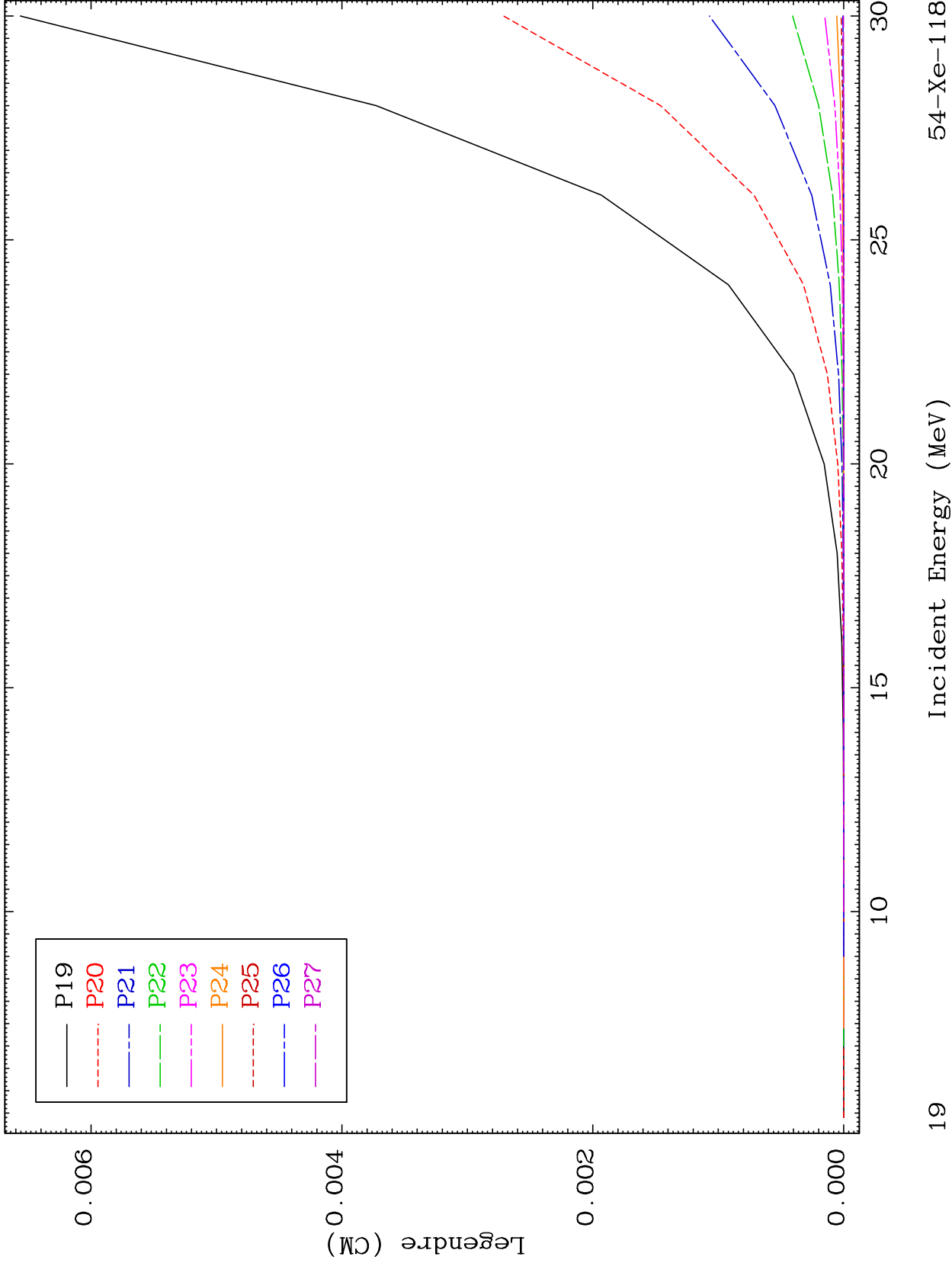


18

MAT 5407

### Elastic Legendre Coefficients

54-Xe-118



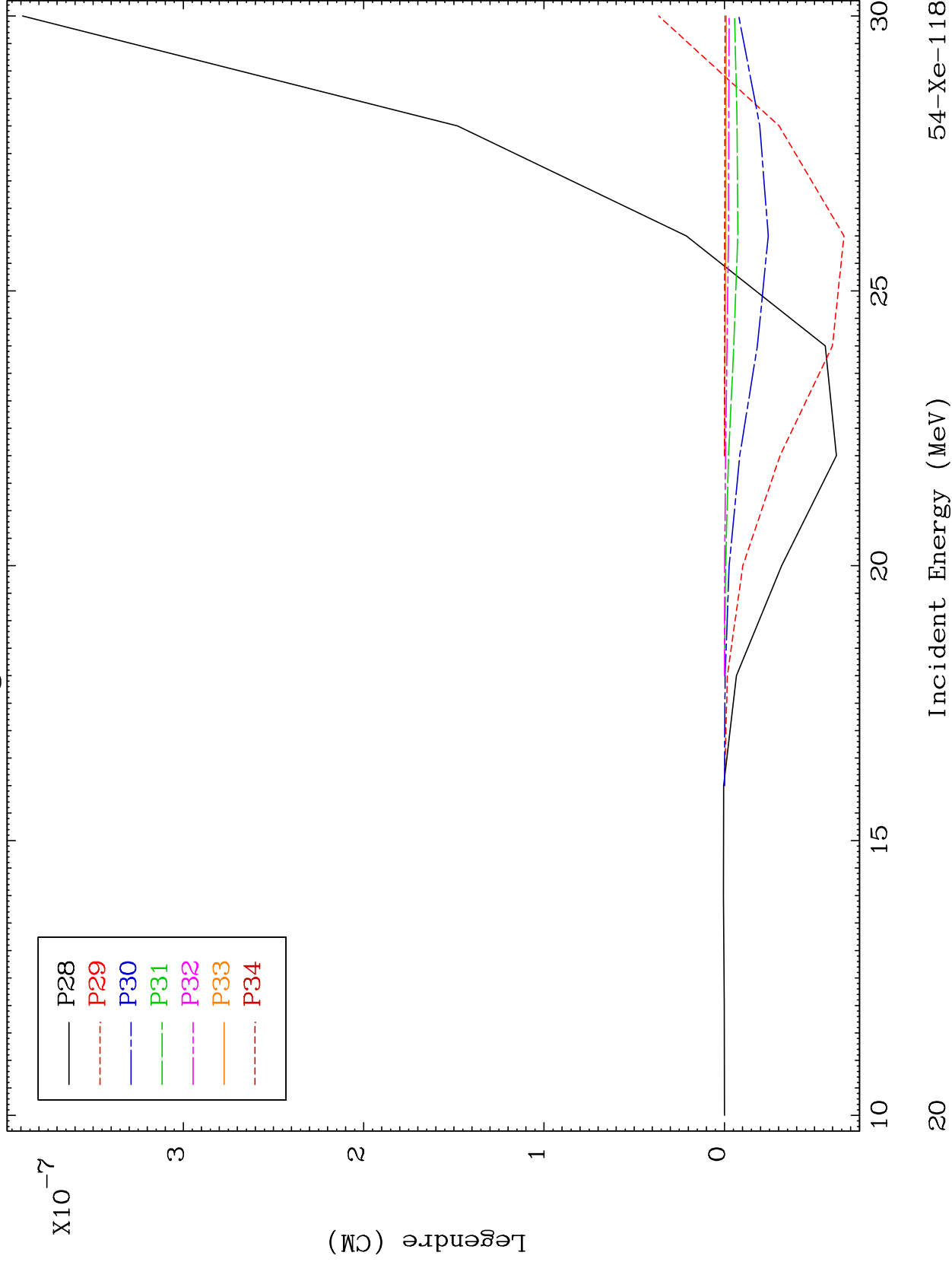
19

54-Xe-118

MAT 5407

Elastic  
Legendre Coefficients

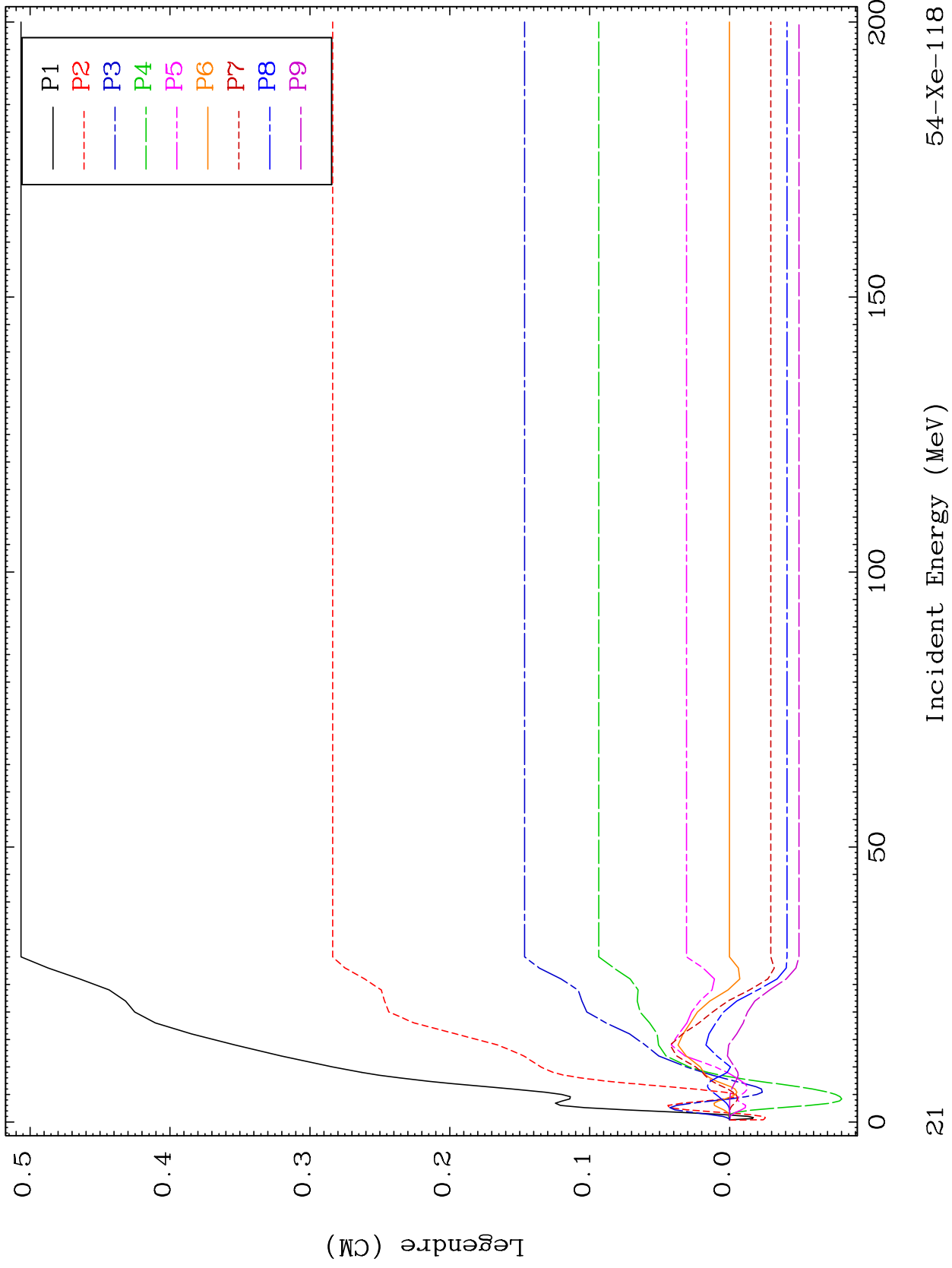
54-Xe-118



MAT 5407

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

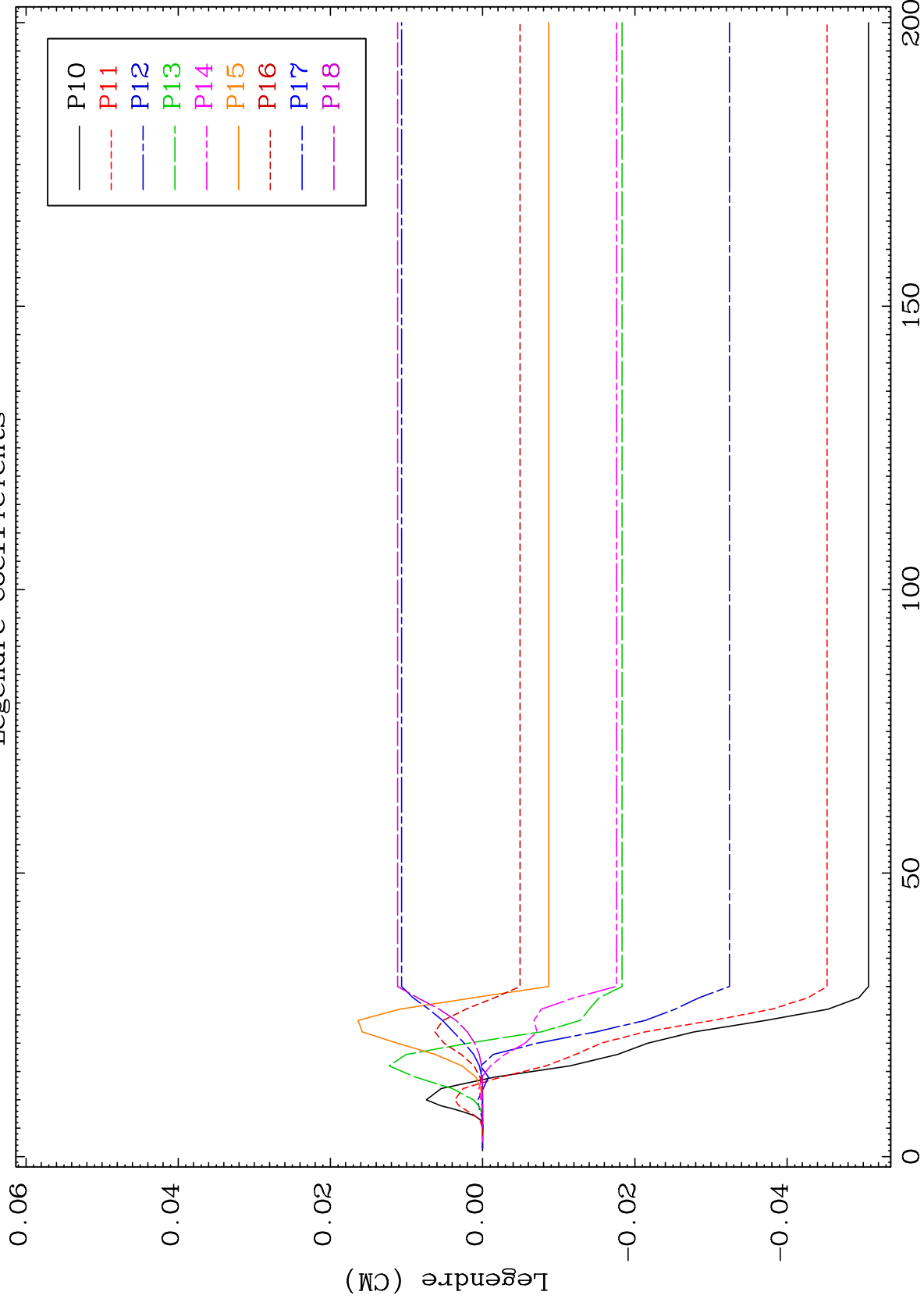
54-Xe-118



MAT 5407

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

54-Xe-118



22

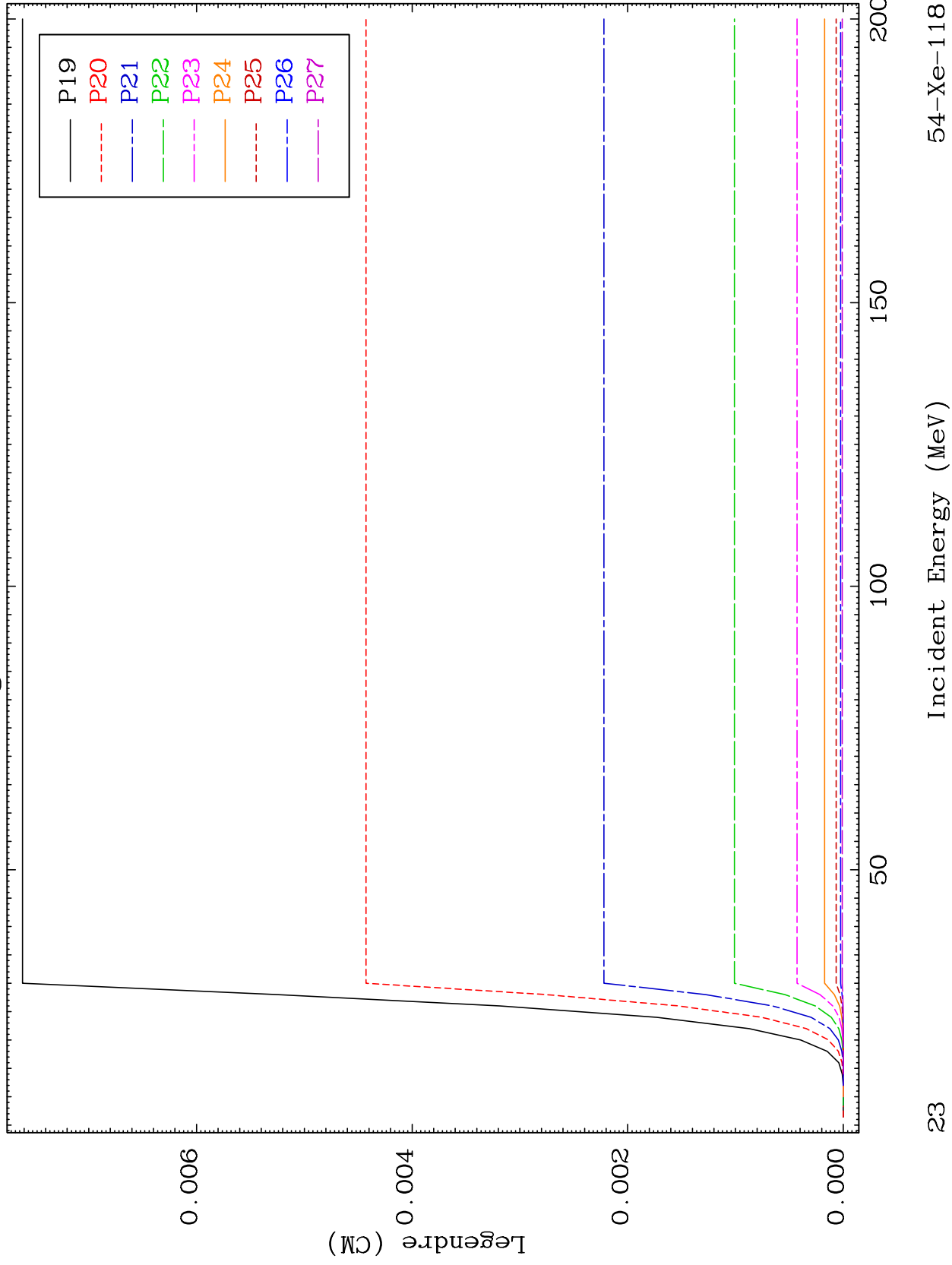
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



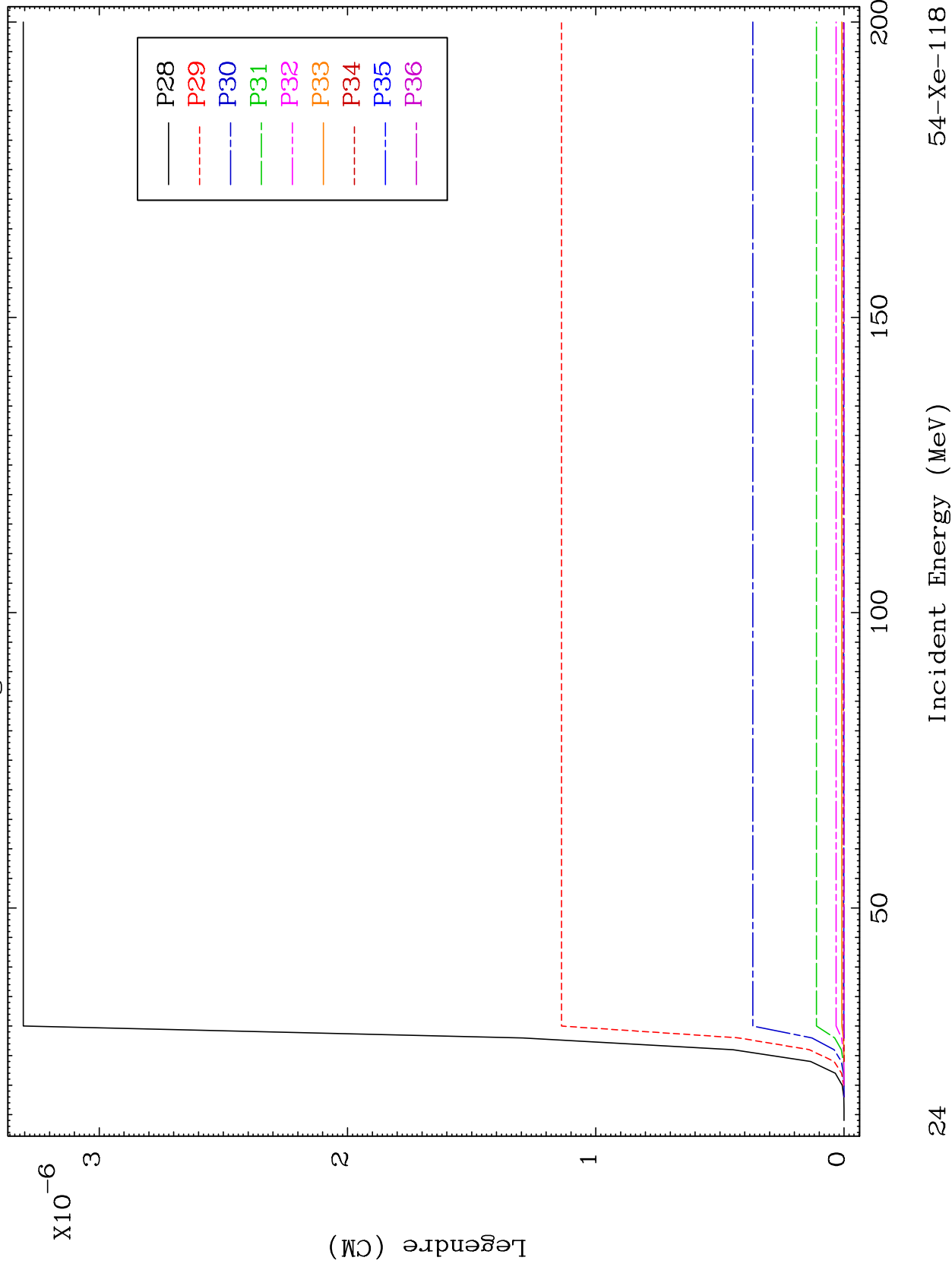
23



MAT 5407

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

54-Xe-118



24

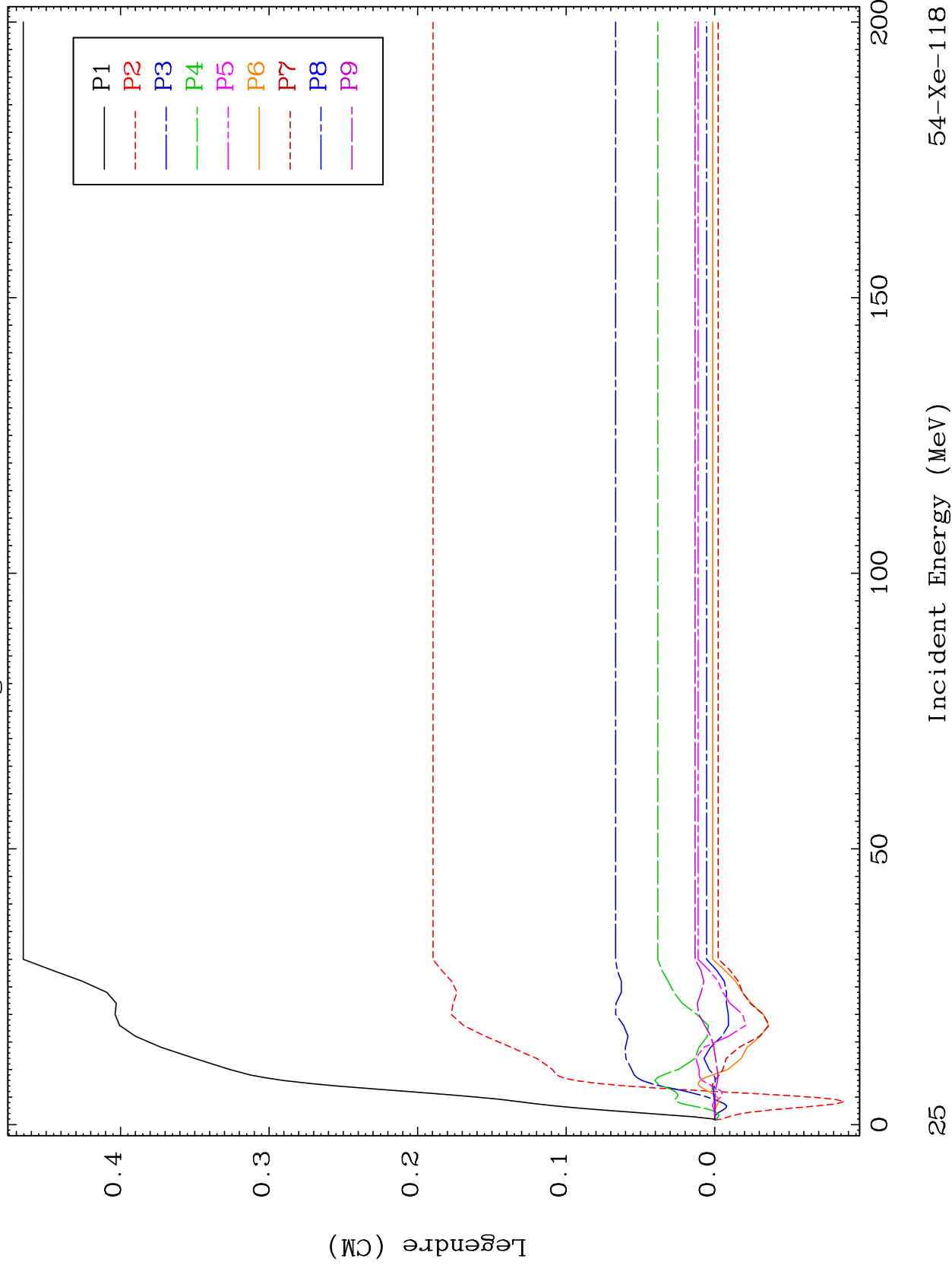
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

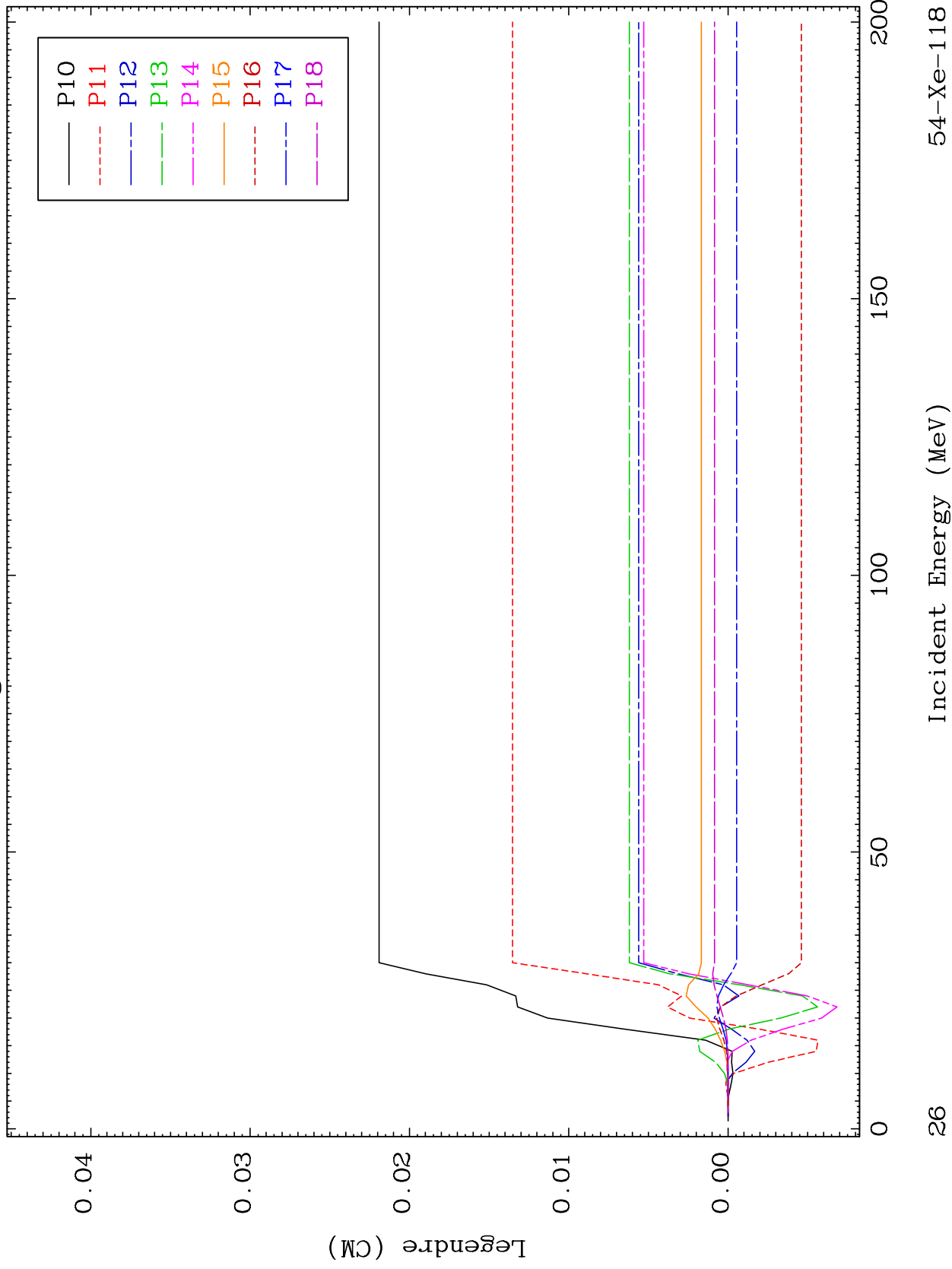
Incident Energy (MeV)

25

MAT 5407

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

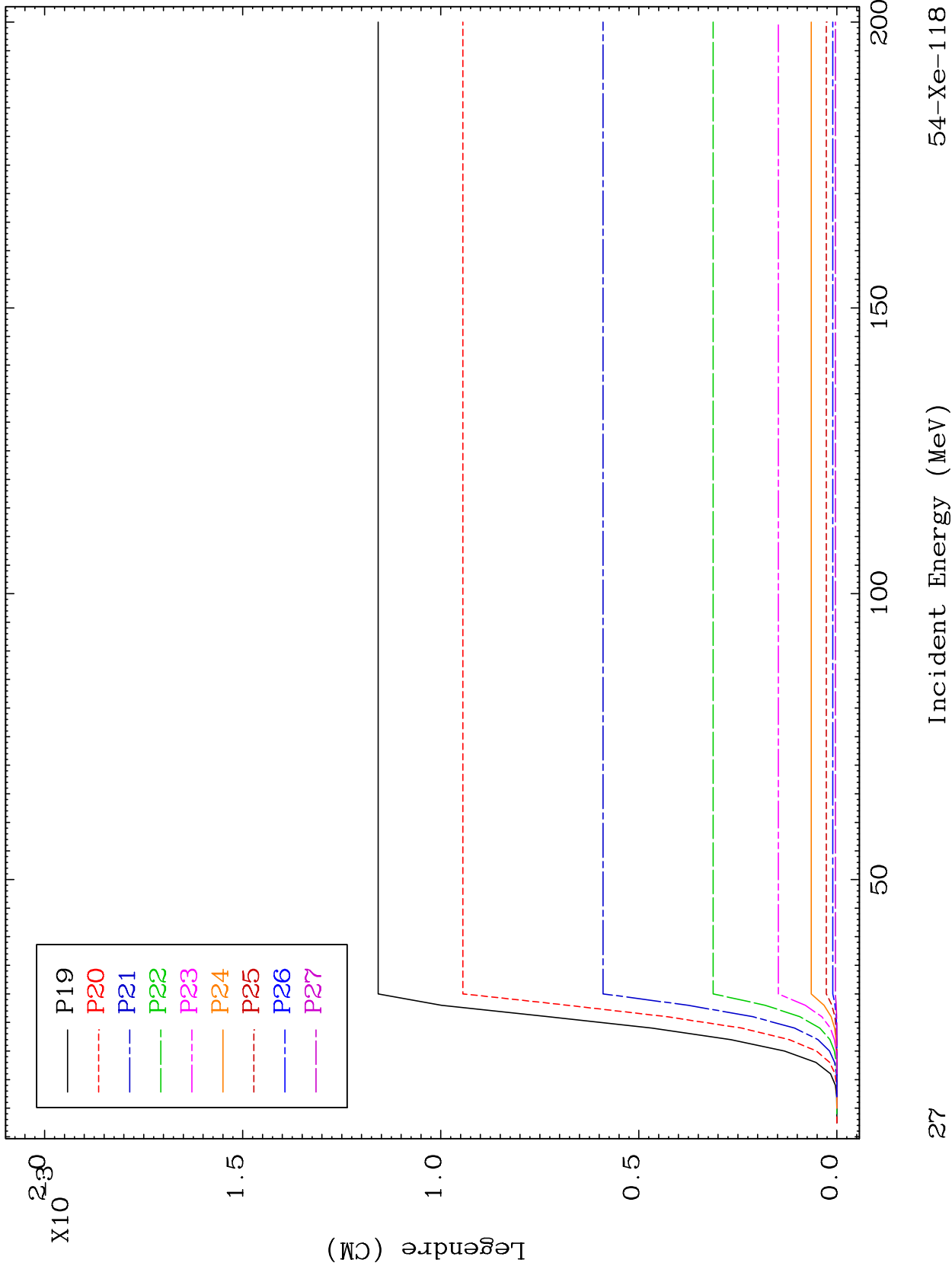
54-Xe-118



26

Incident Energy (MeV)

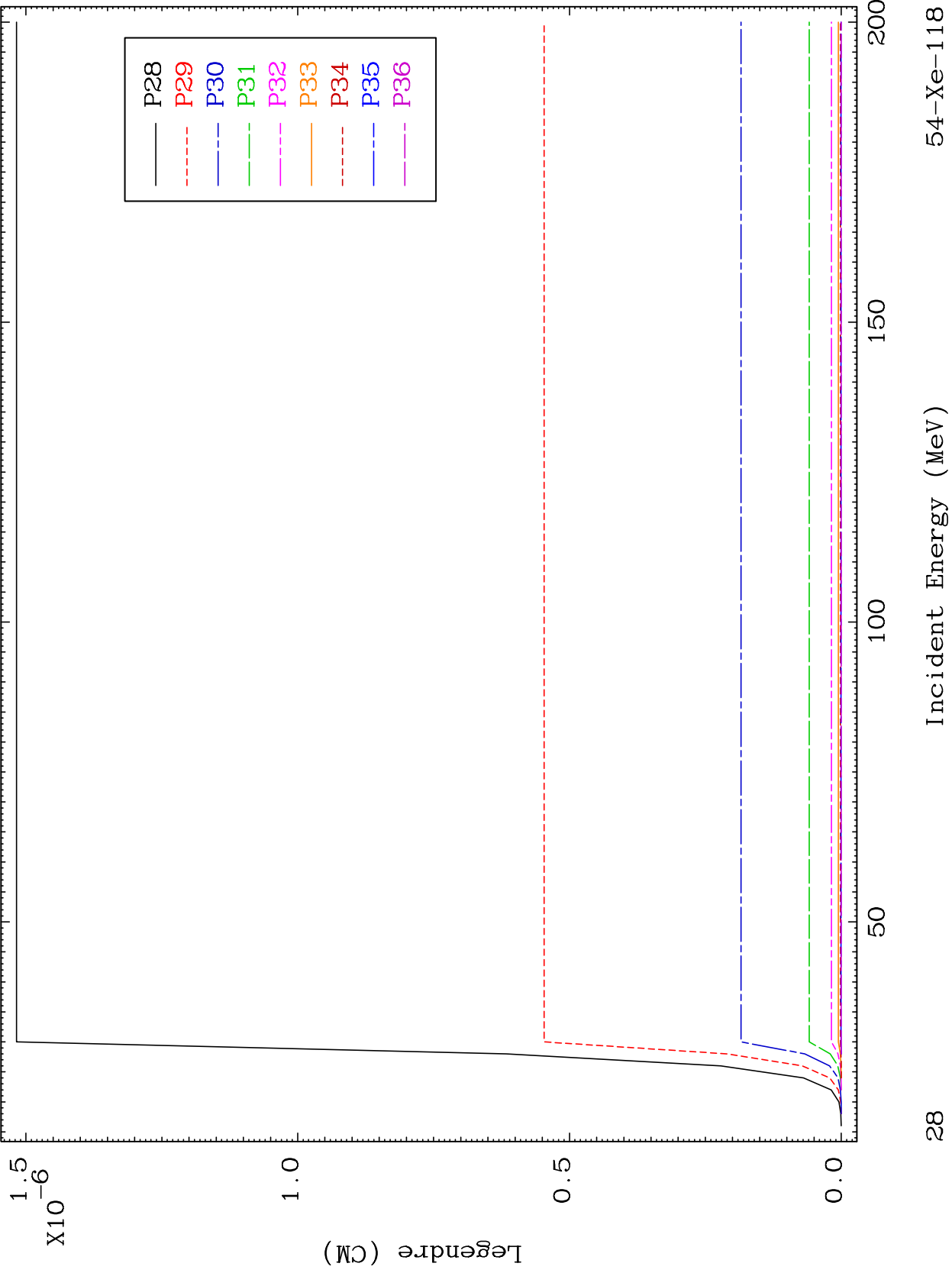
54-Xe-118



MAT 5407

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

54-Xe-118



28

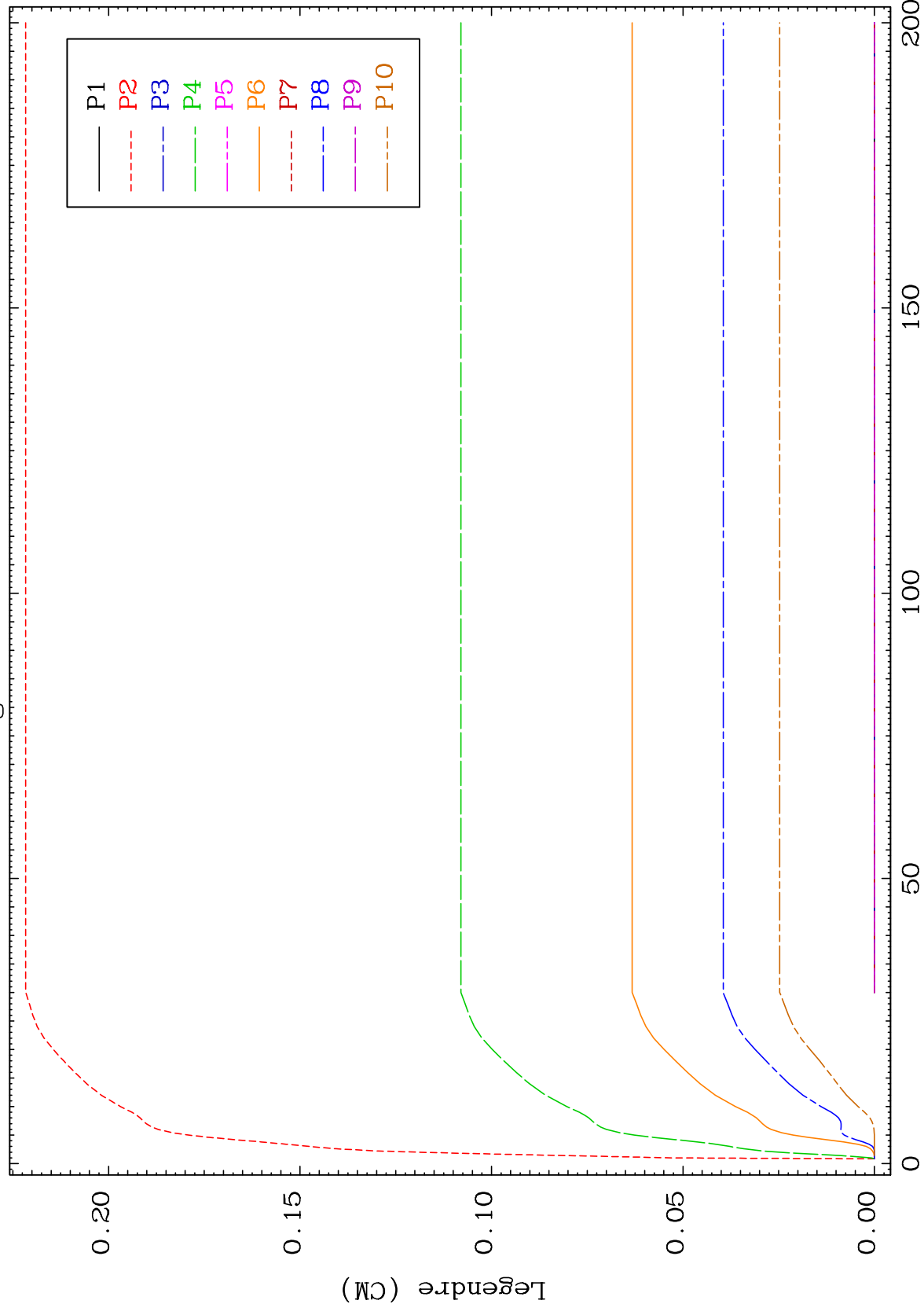
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

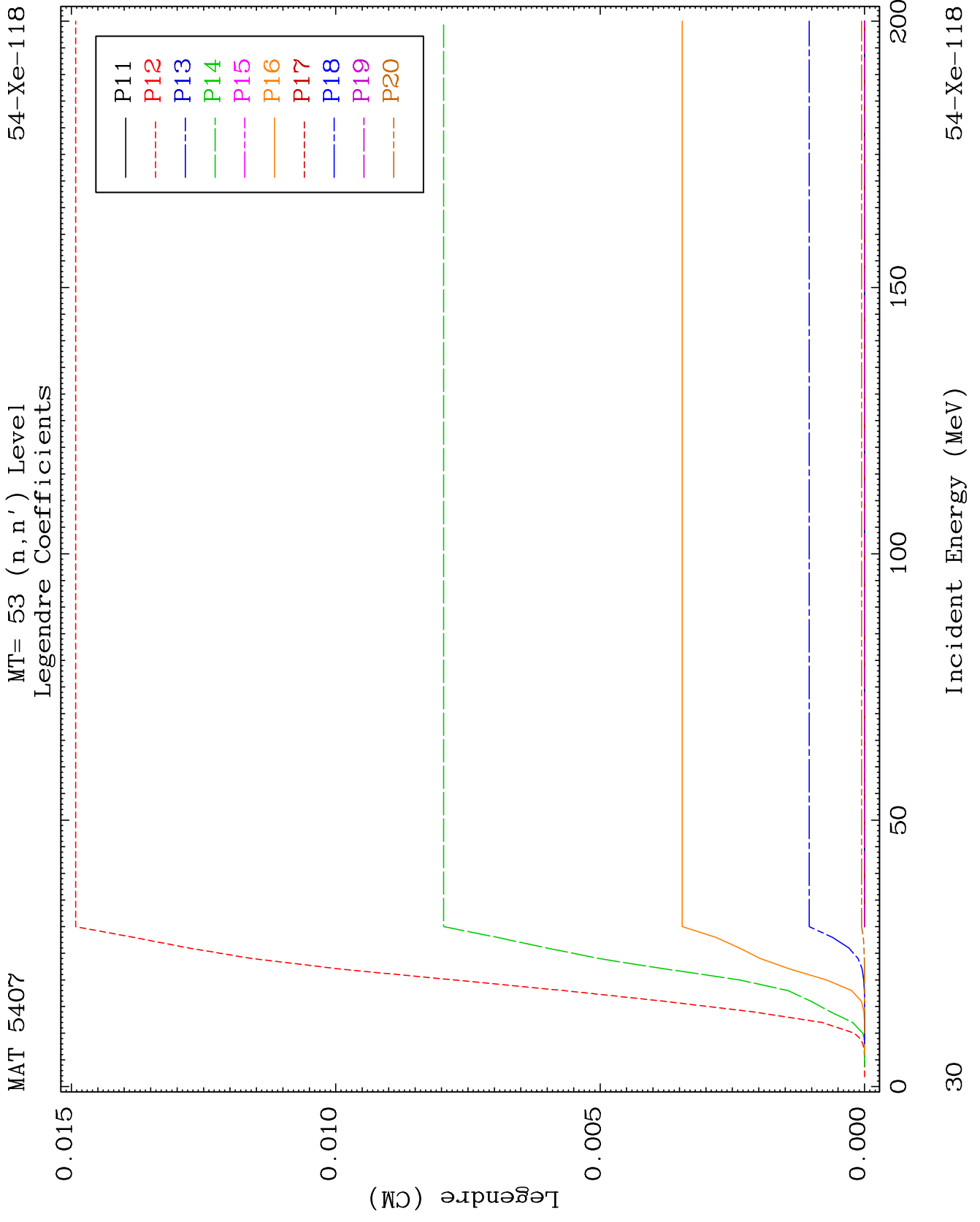
54-Xe-118

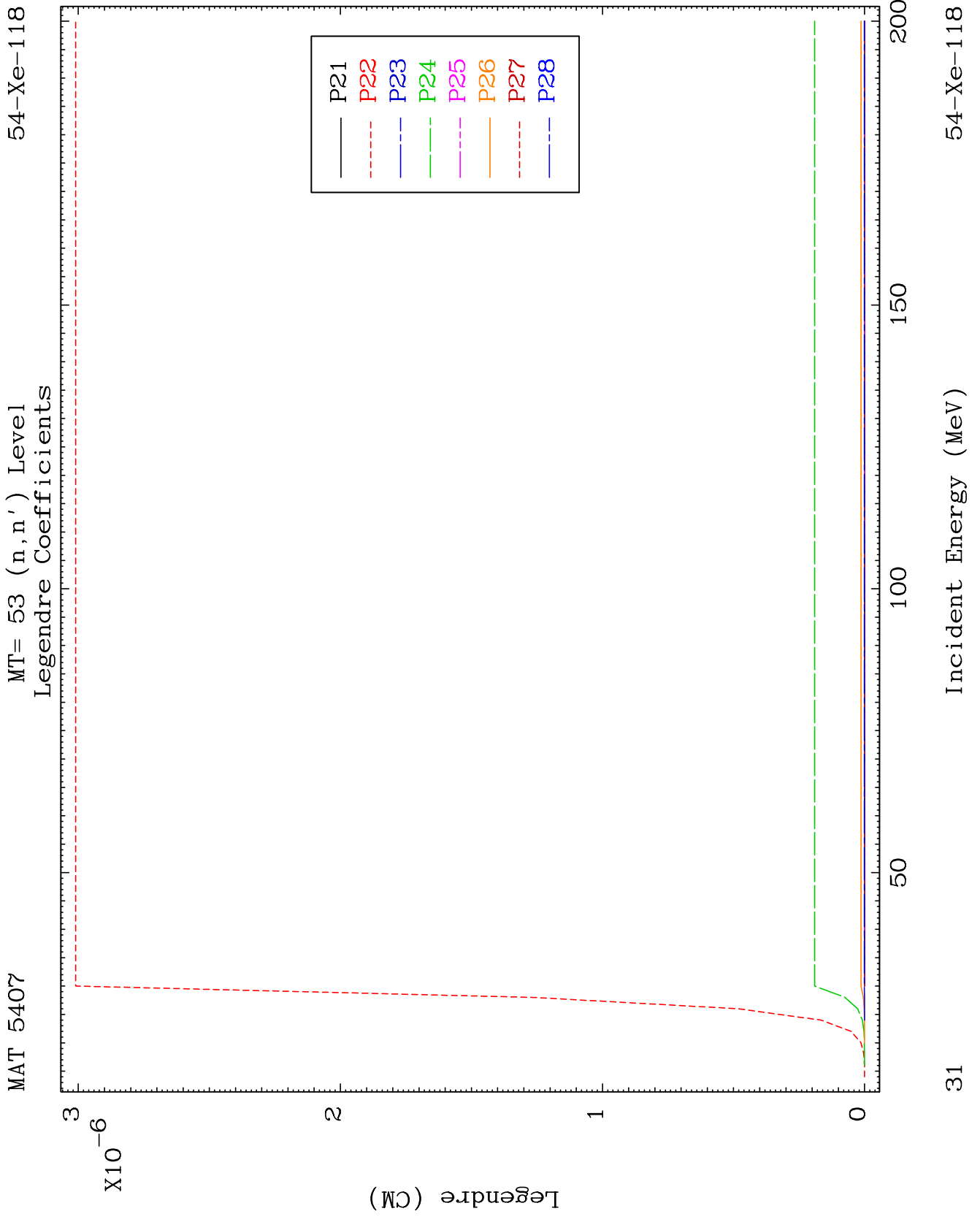


29

Incident Energy (MeV)

54-Xe-118





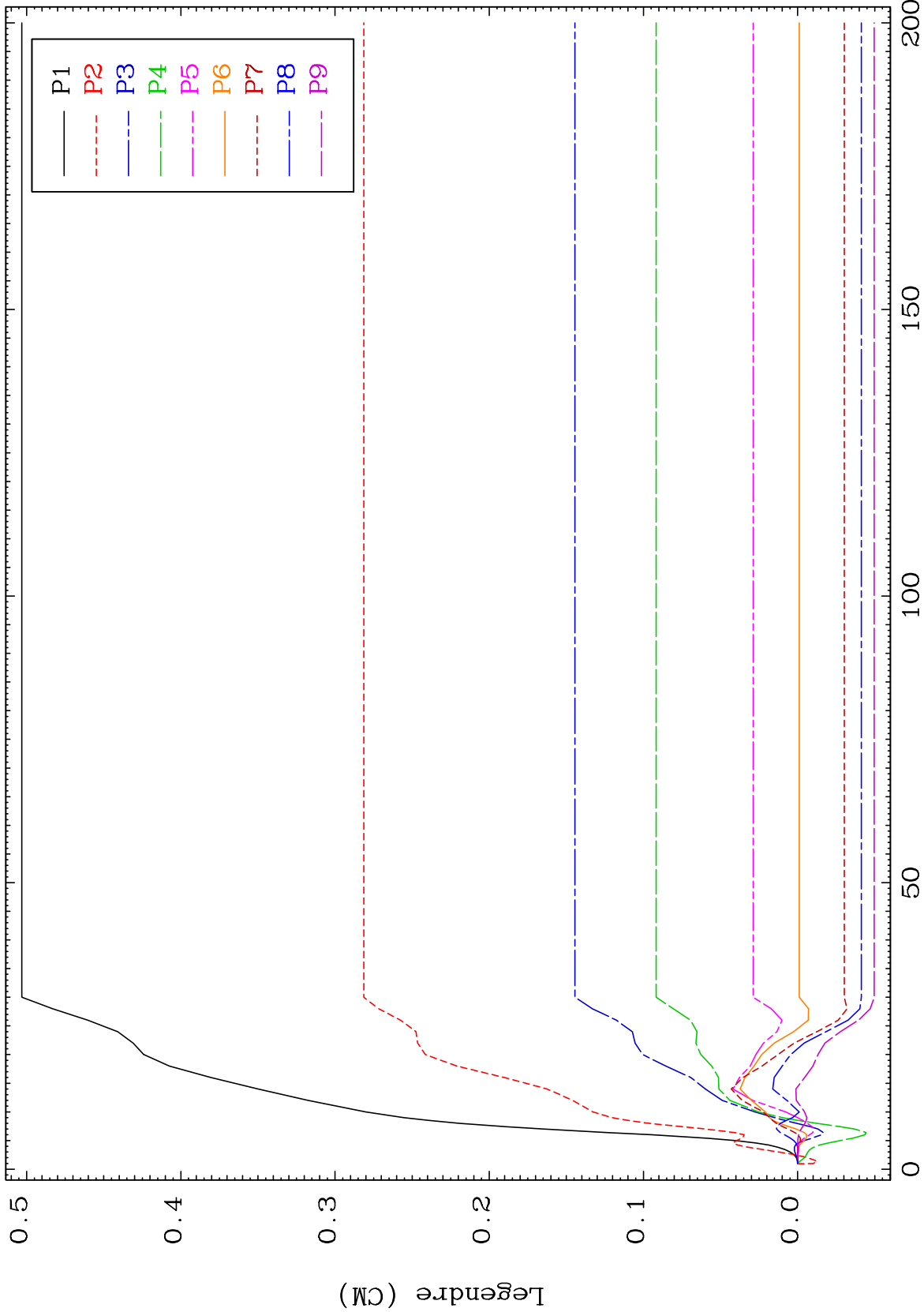


MAT 5407

MT= 54 (n,n') Level

54-Xe-118

Legendre Coefficients



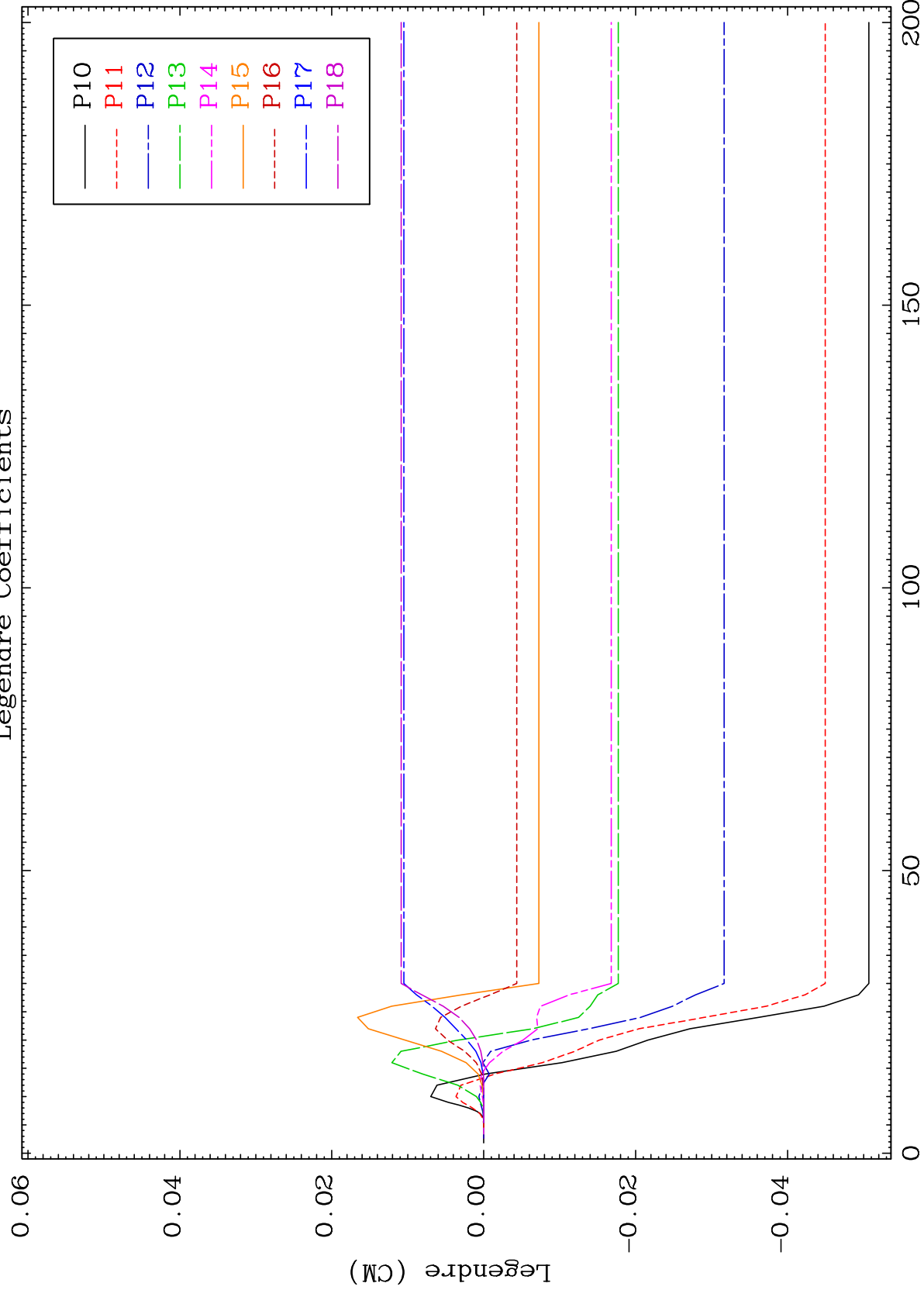
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54-Xe-118

MAT 5407

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

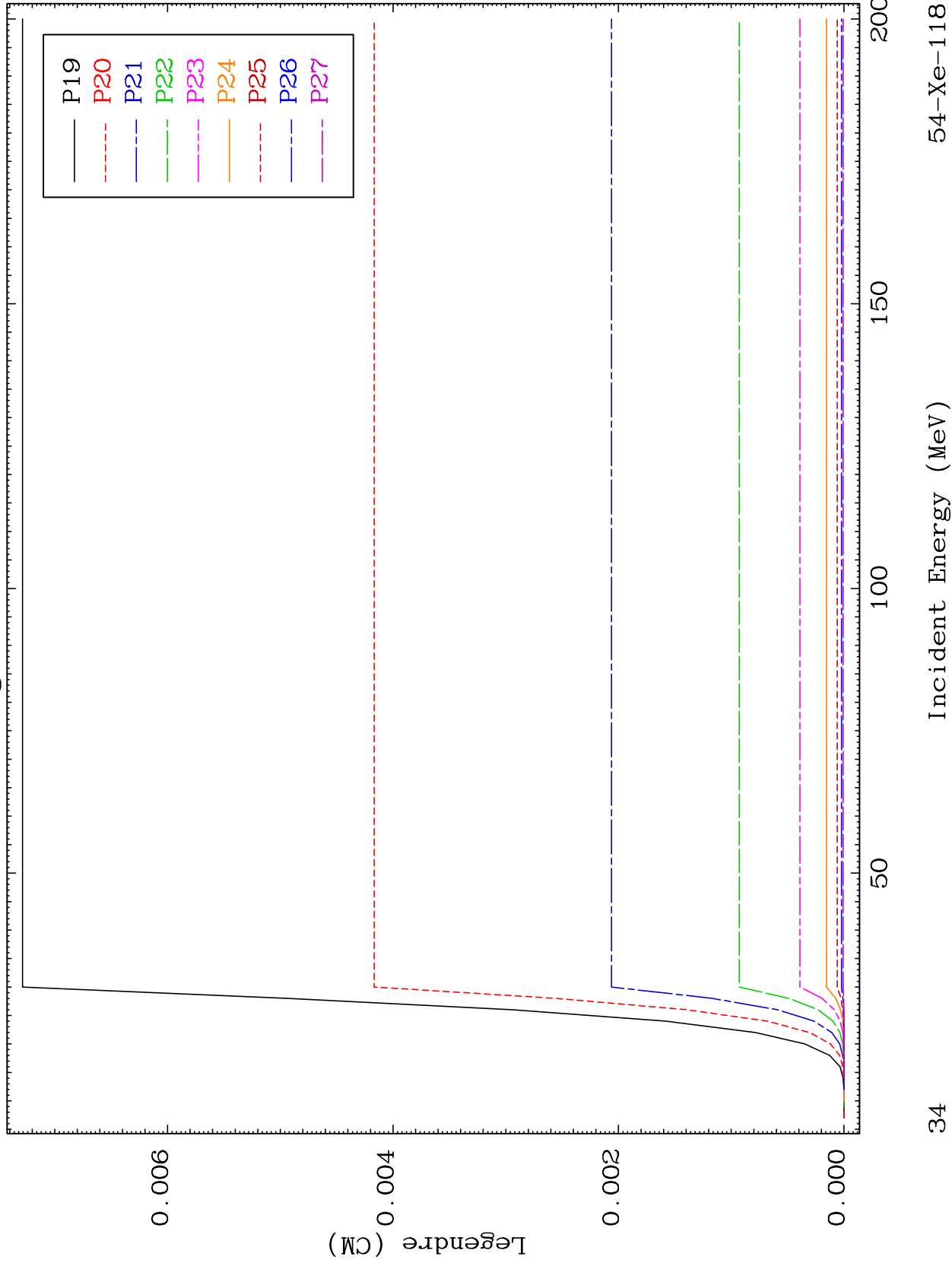
54-Xe-118



MAT 5407

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

54-Xe-118



34

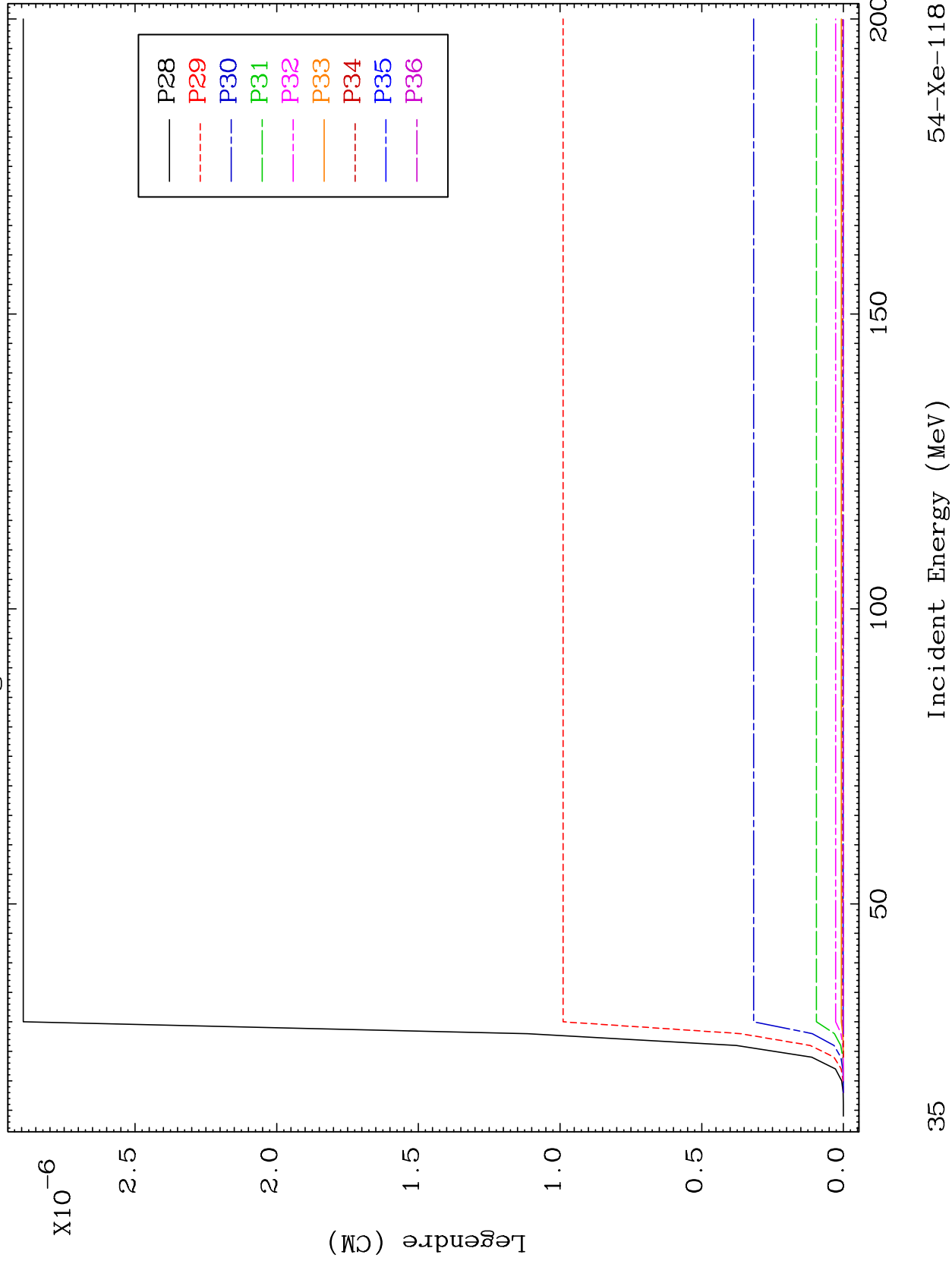
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



35

Incident Energy (MeV)

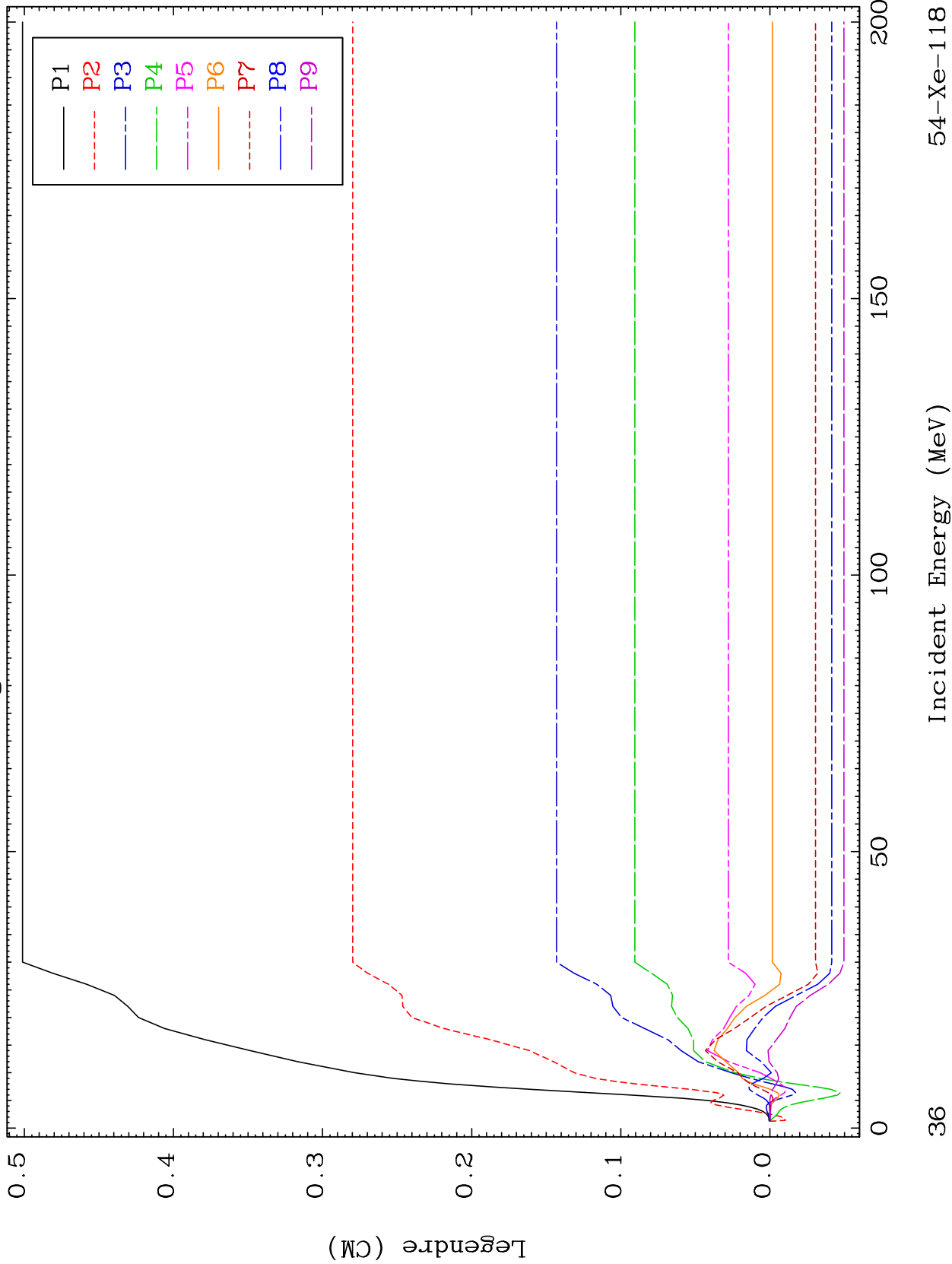
54-Xe-118

MAT 5407

MT= 55 (n,n') Level

54-Xe-118

Legendre Coefficients

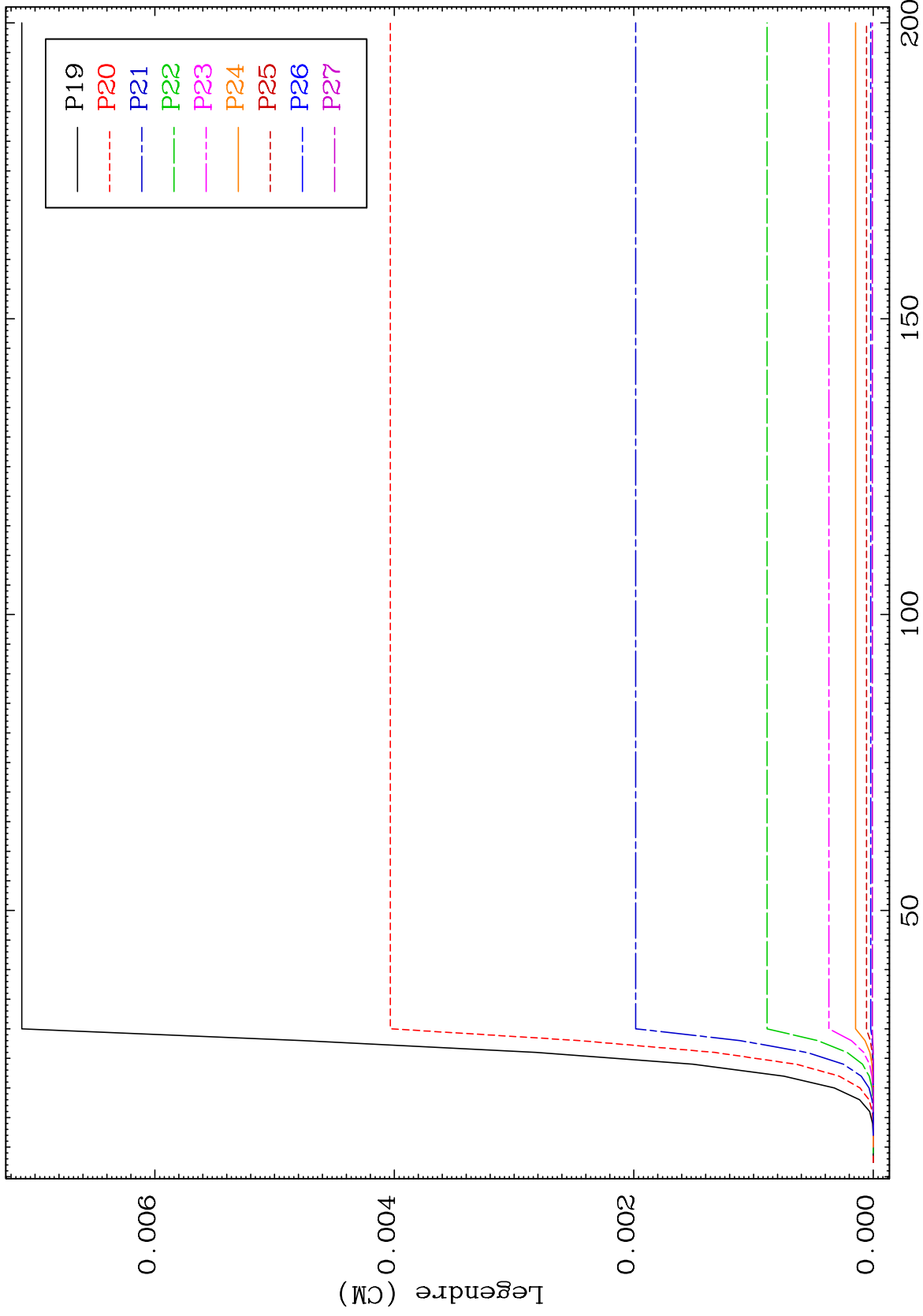




MAT 5407

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

54-Xe-118



38

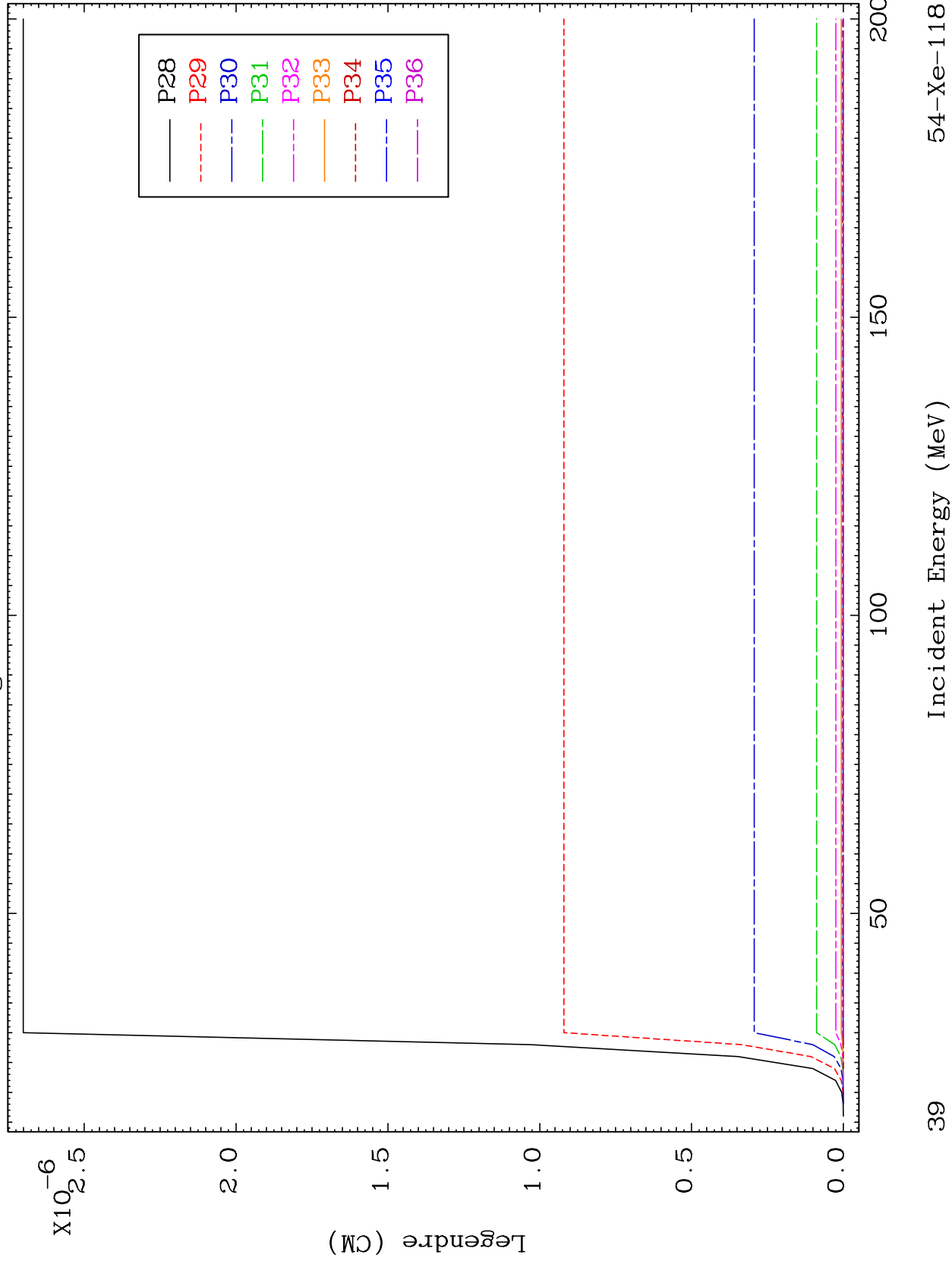
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



39

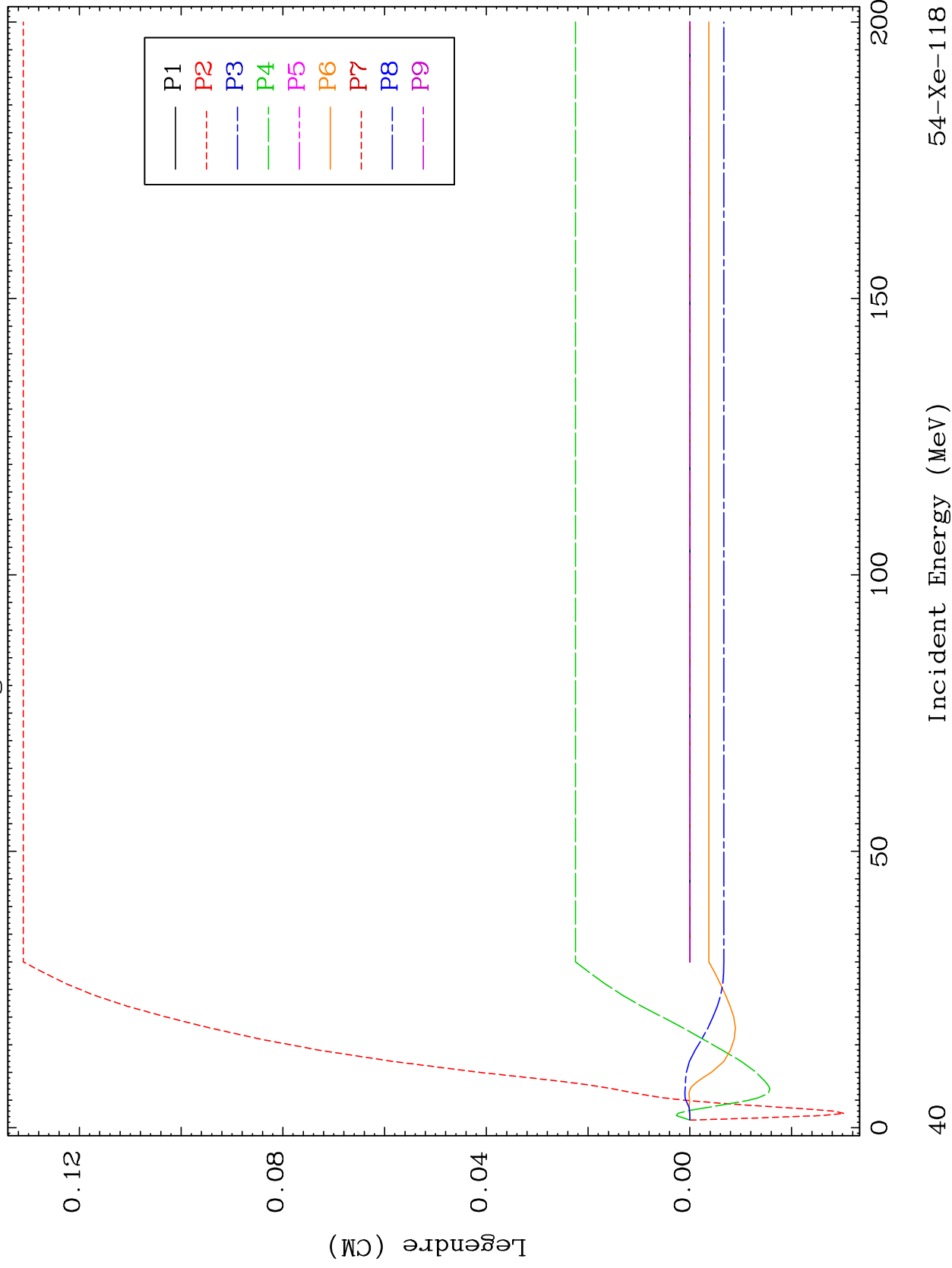
54-Xe-118



MAT 5407

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

54-Xe-118



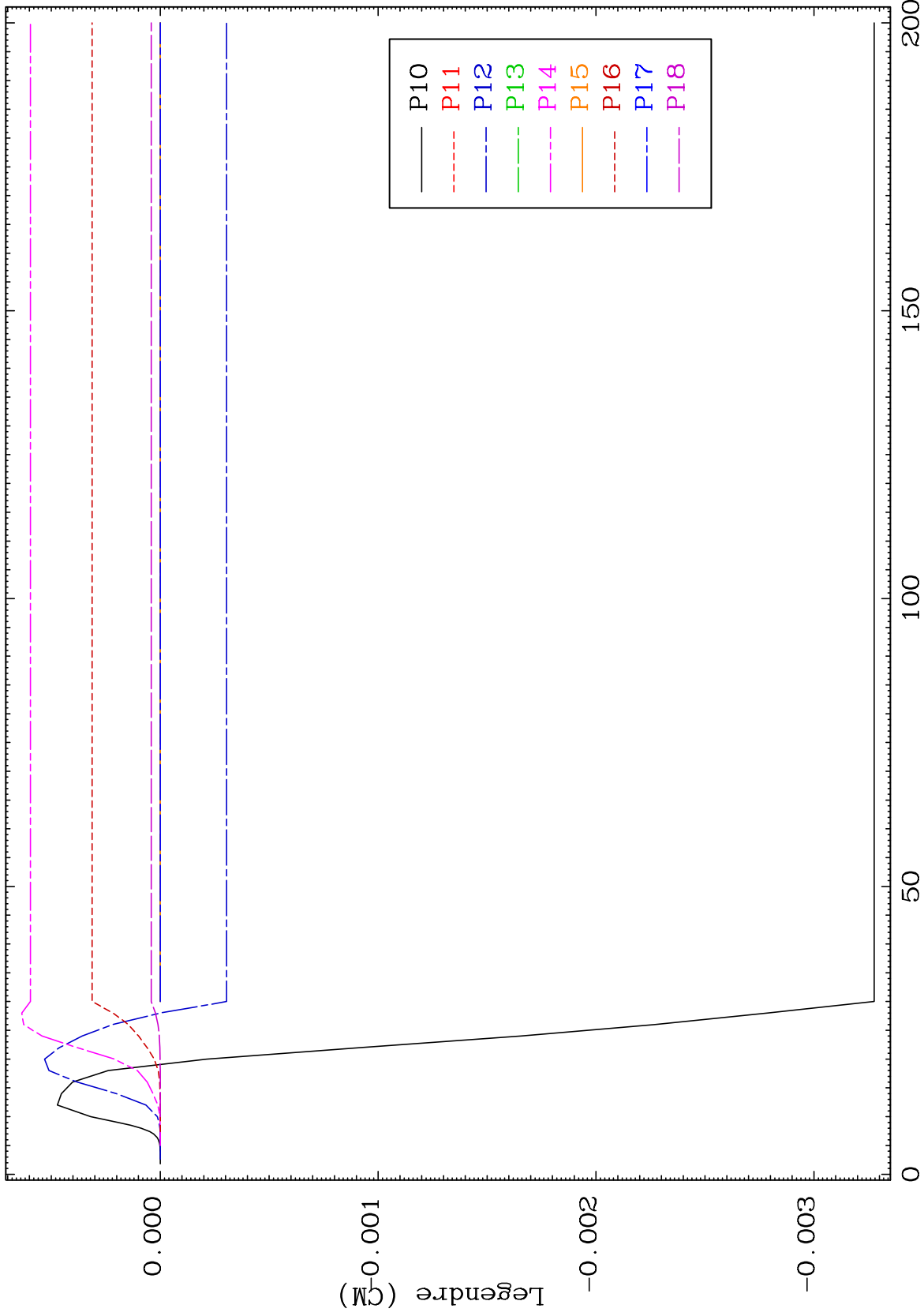
54-Xe-118

Incident Energy (MeV)

MAT 5407

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

54-Xe-118



41

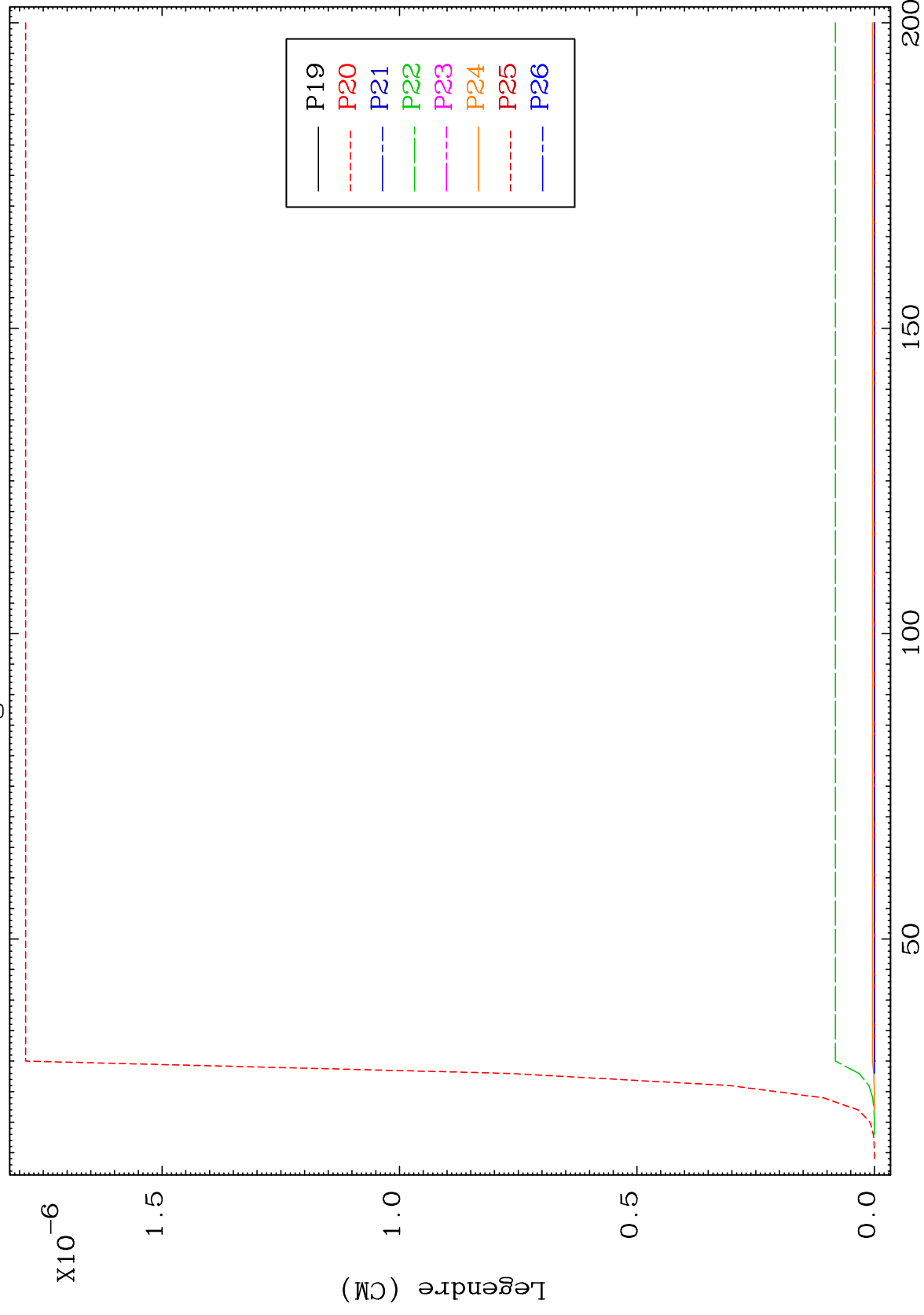
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



42

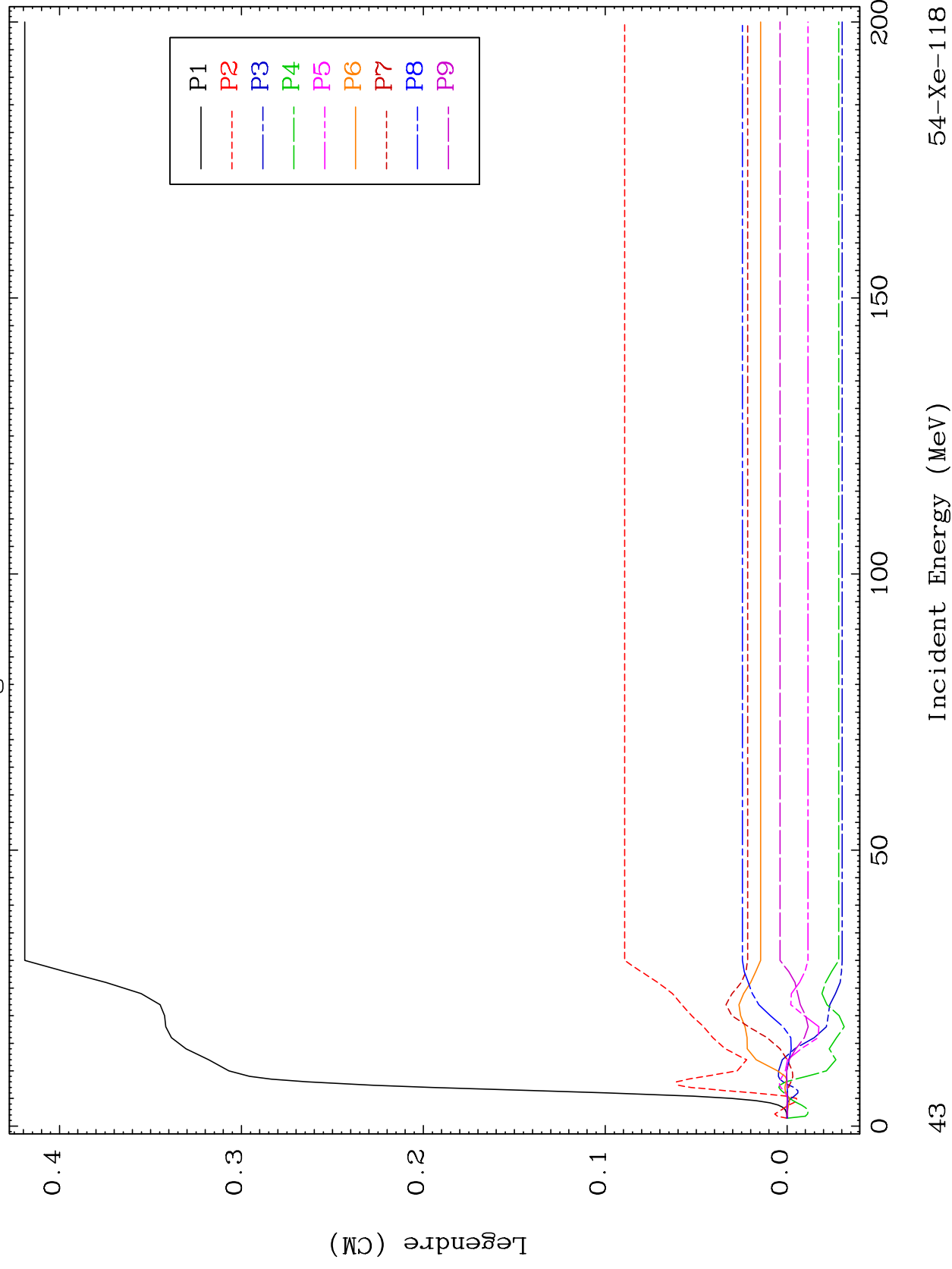
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

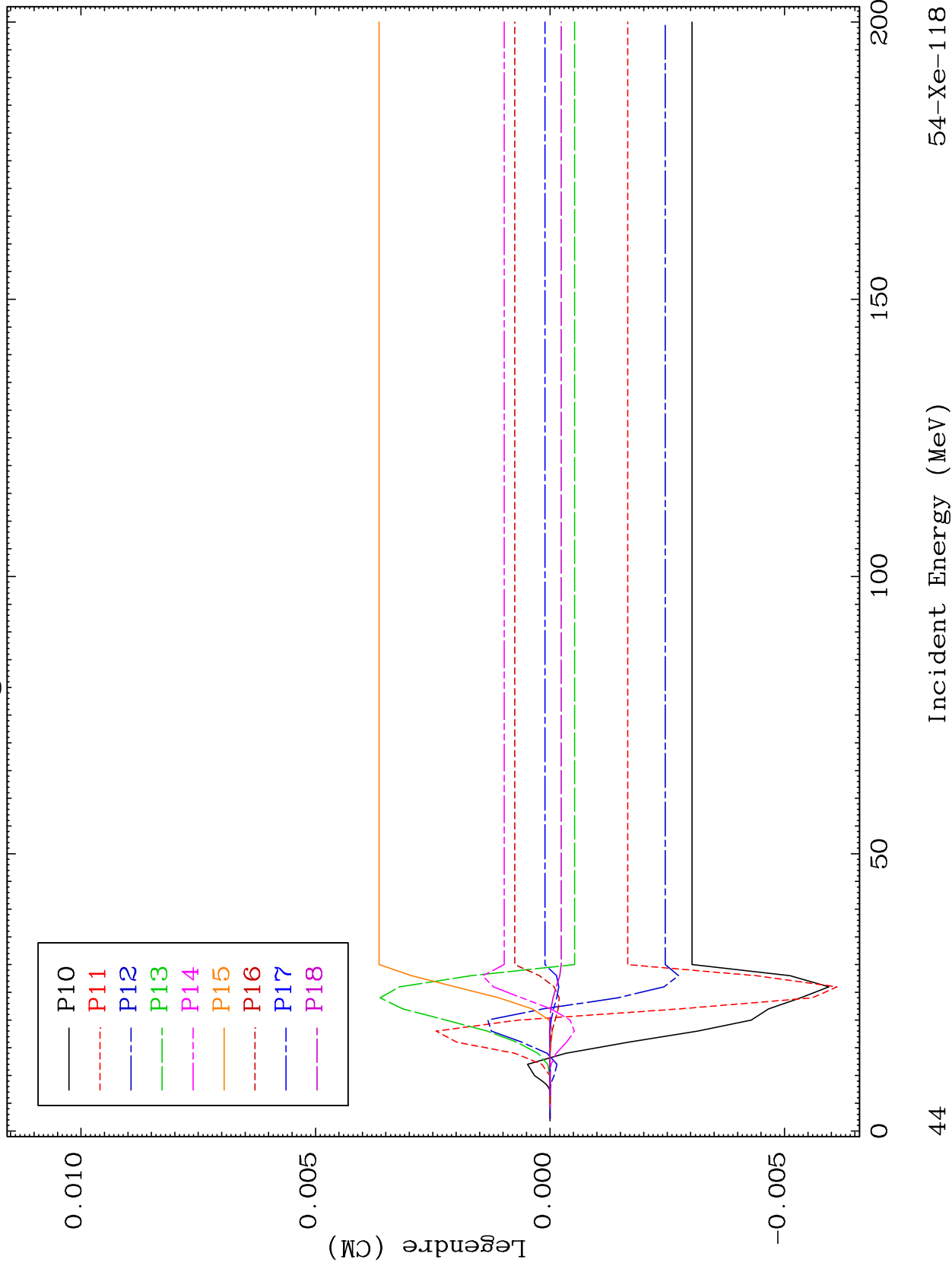
Incident Energy (MeV)

43

MAT 5407

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

54-Xe-118



44

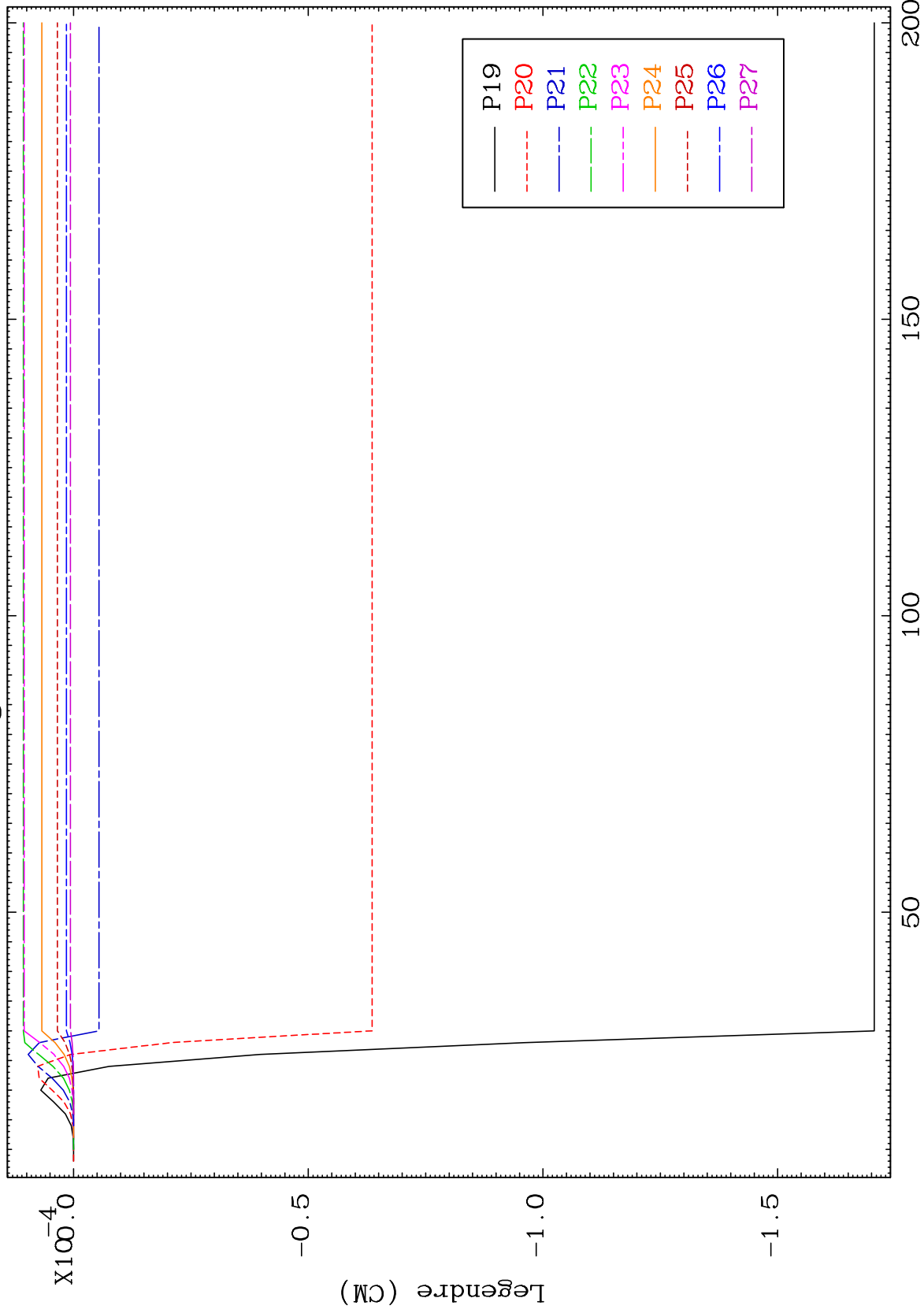
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



45

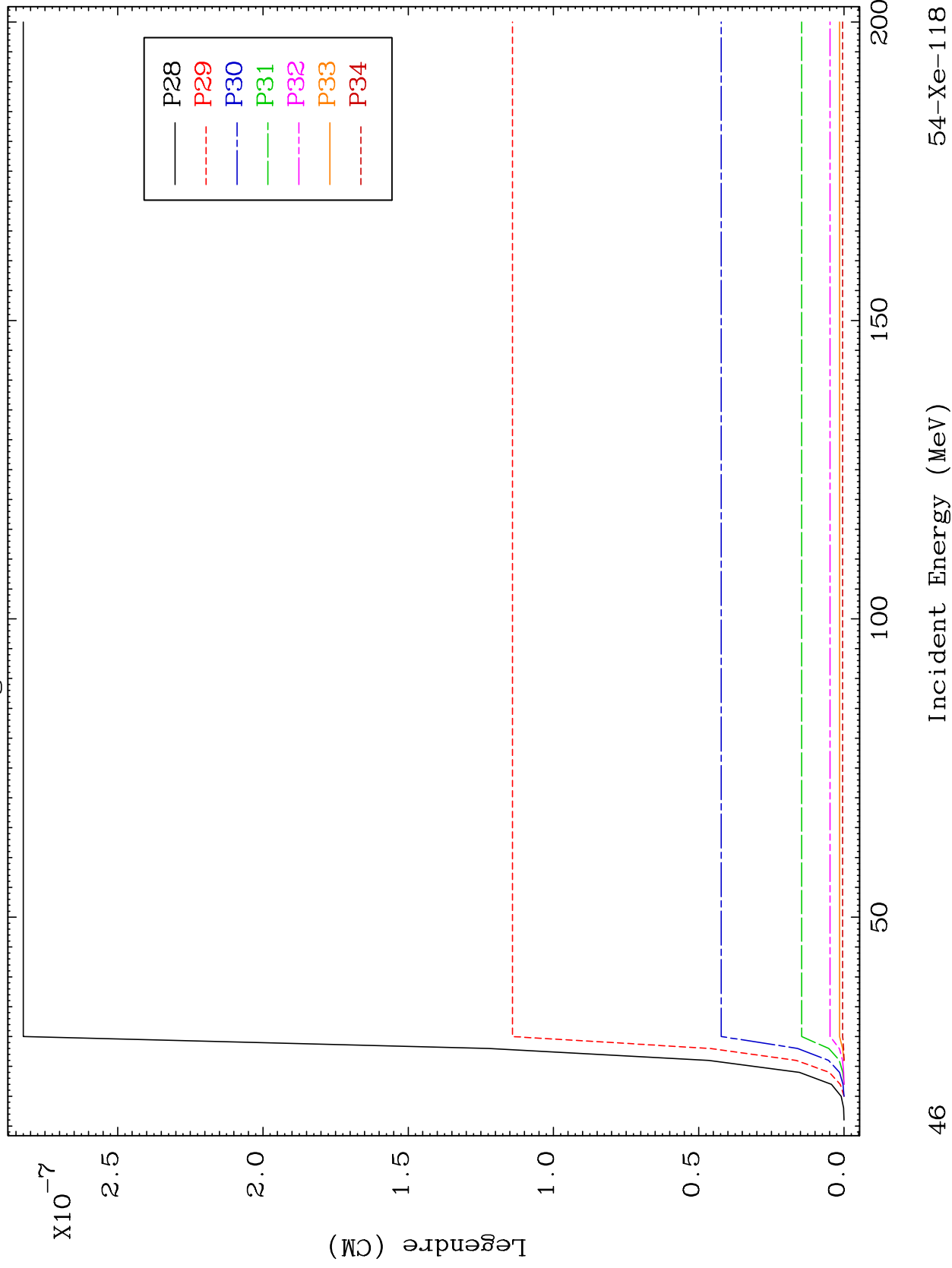
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

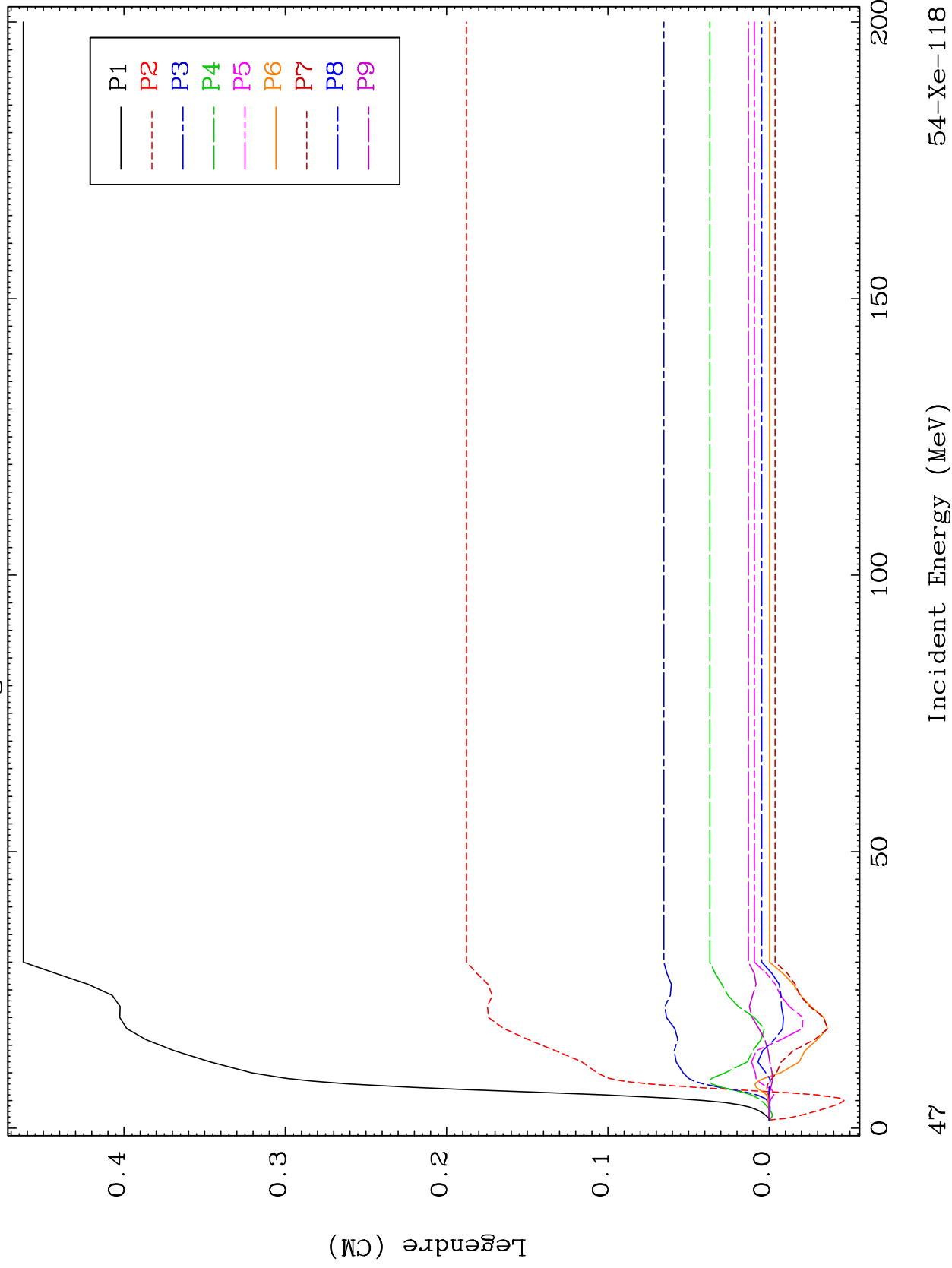
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

Incident Energy (MeV)

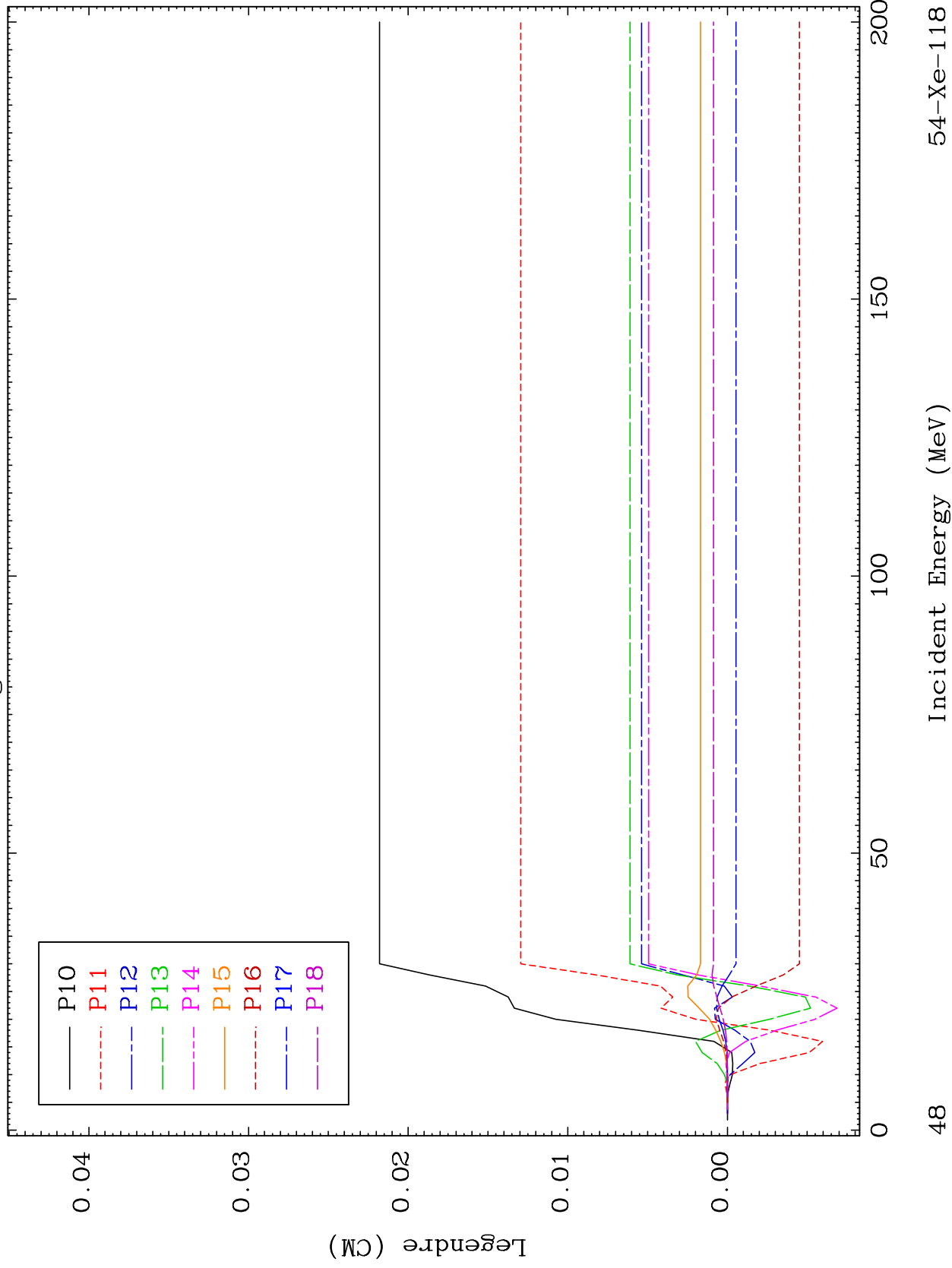
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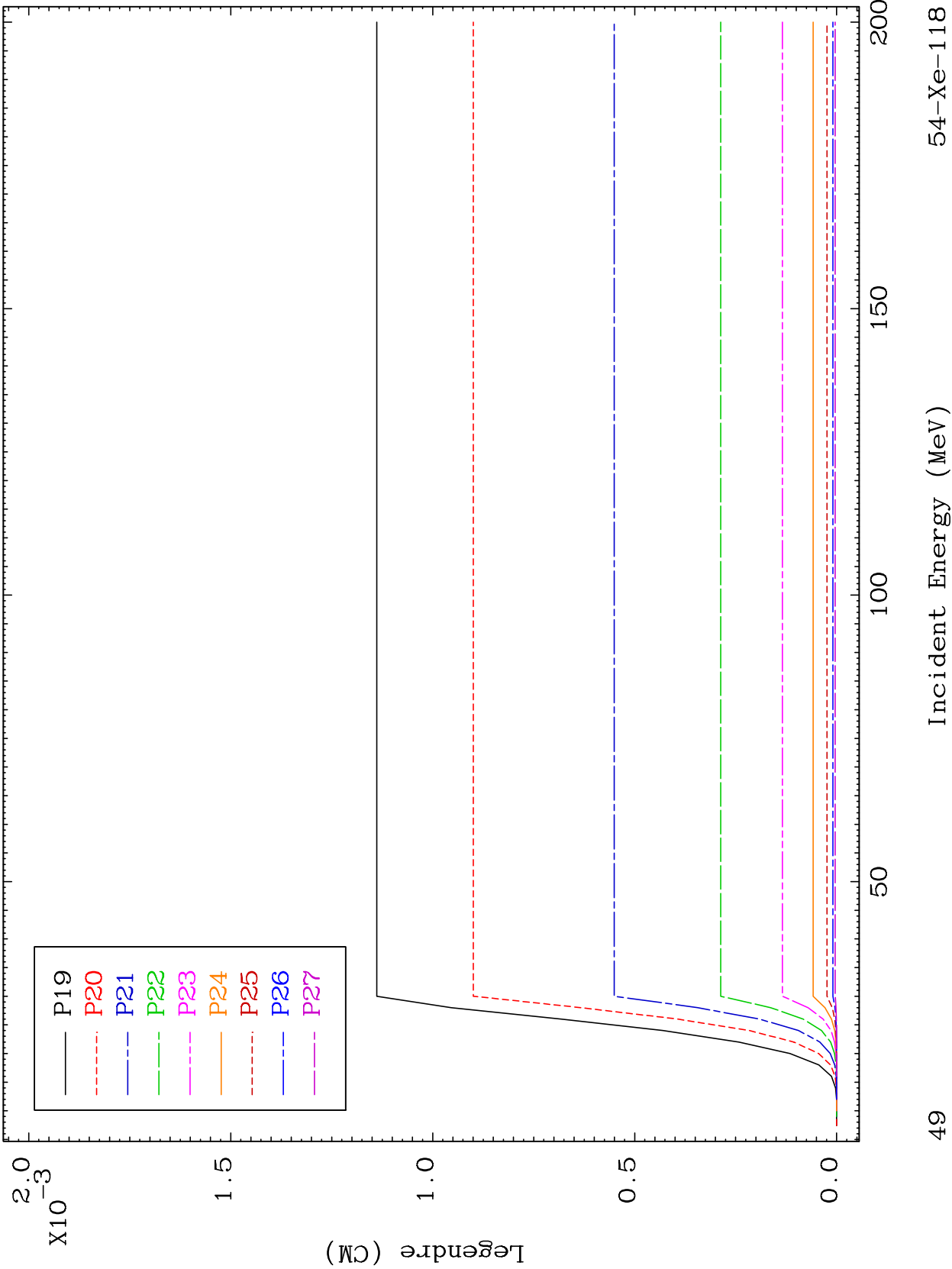
MAT 5407

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

54-Xe-118



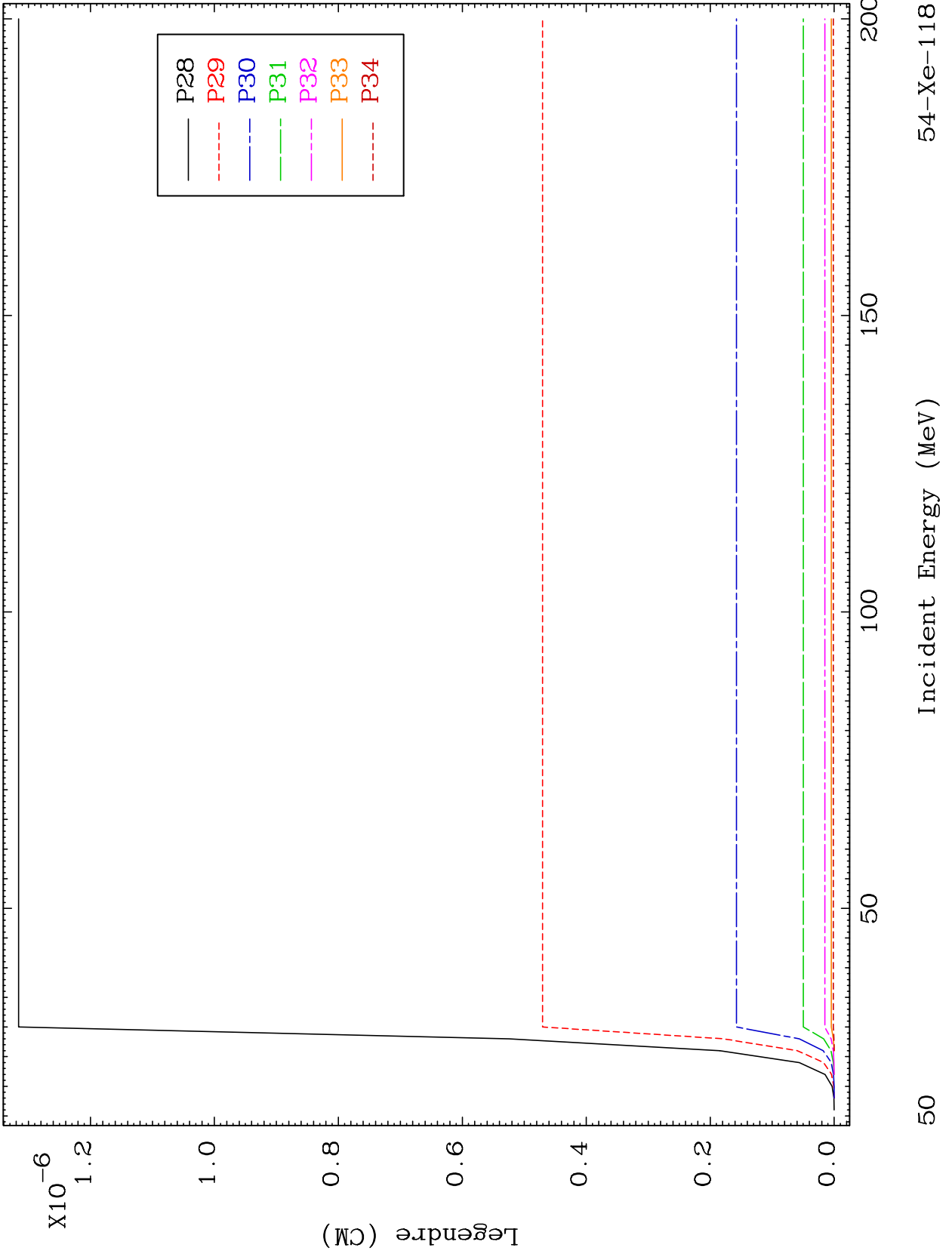
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MAT 5407

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

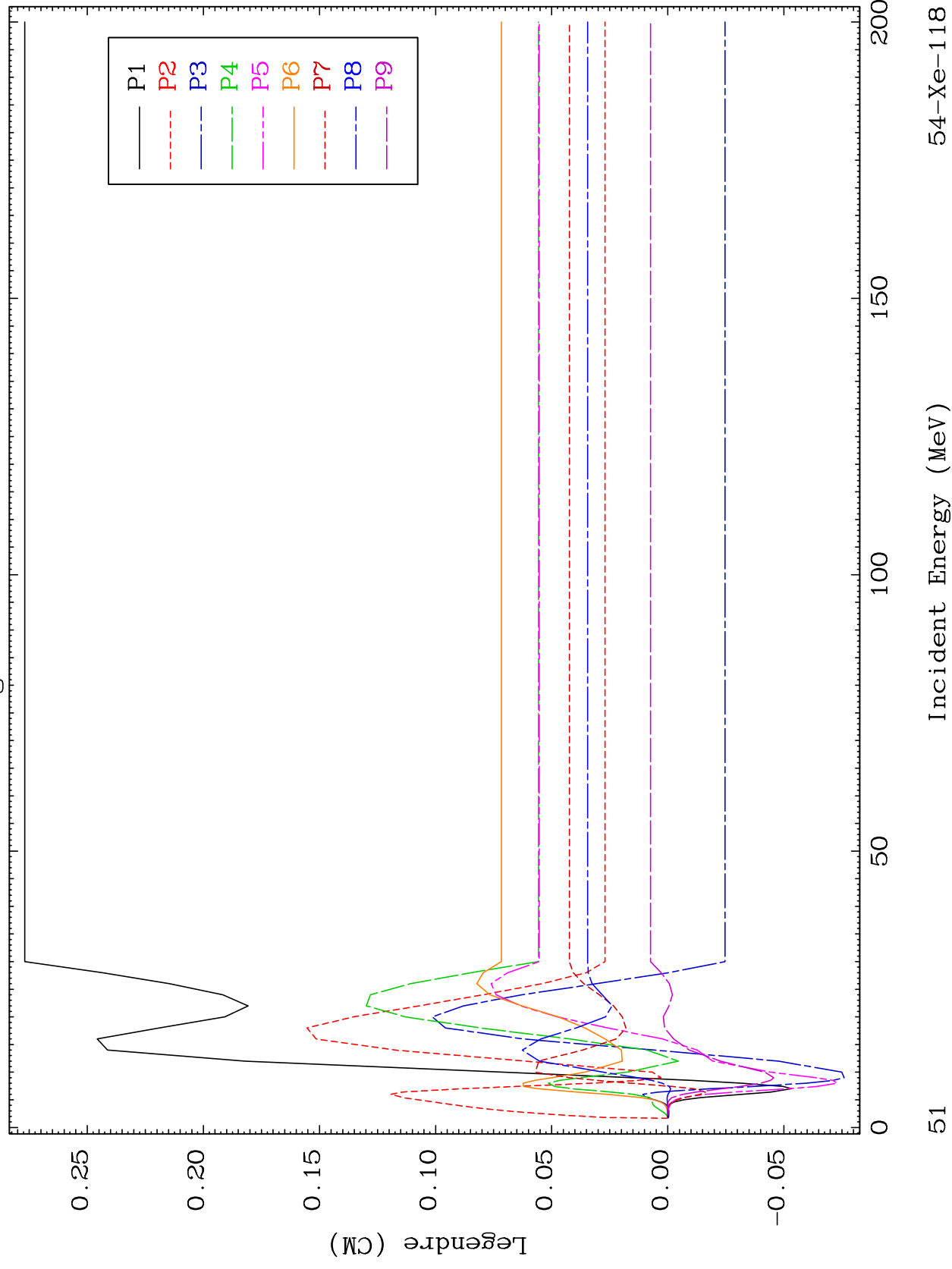
54-Xe-118



MAT 5407

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

54-Xe-118



54-Xe-118

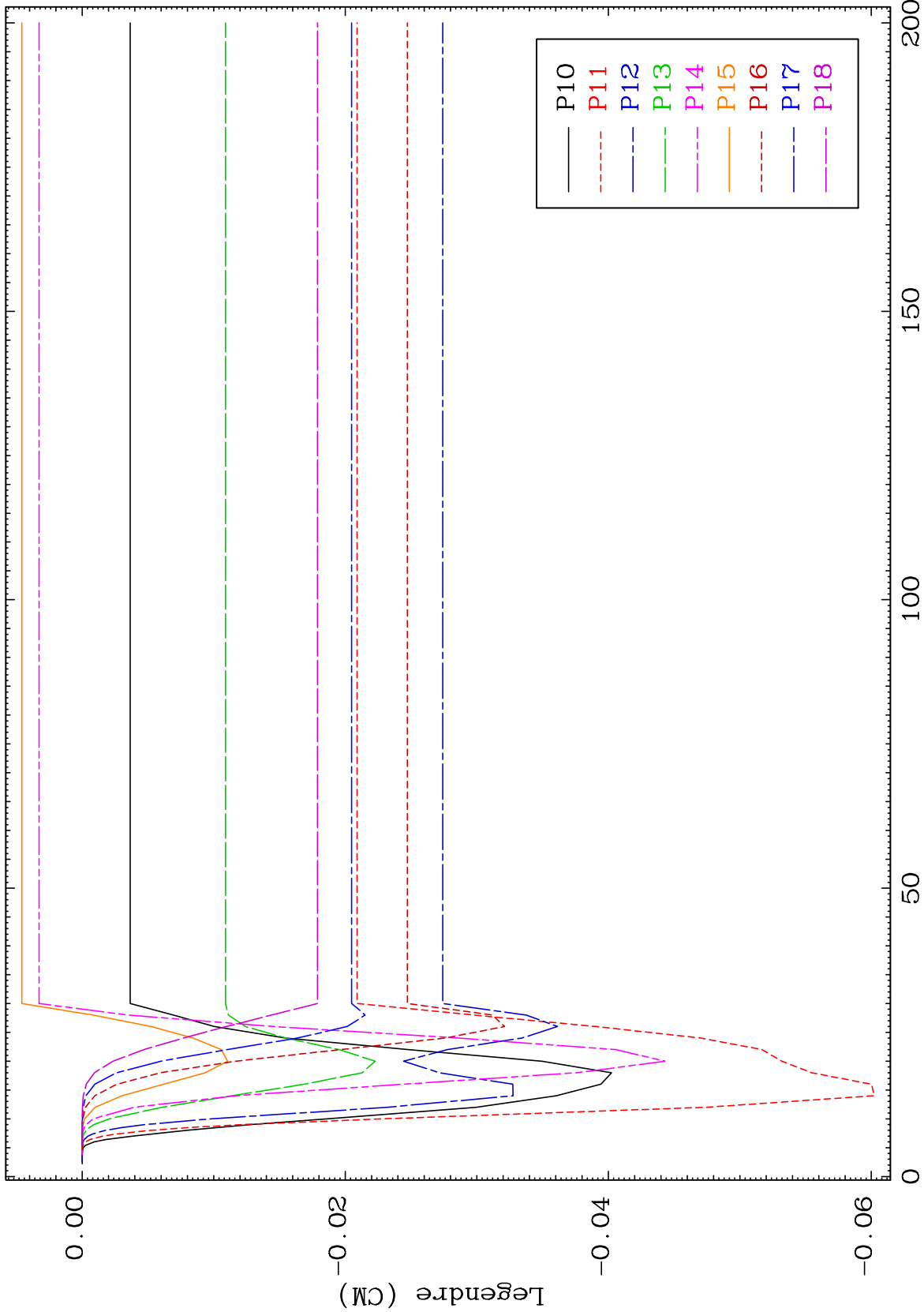
Incident Energy (MeV)

51

MAT 5407

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

54-Xe-118



52

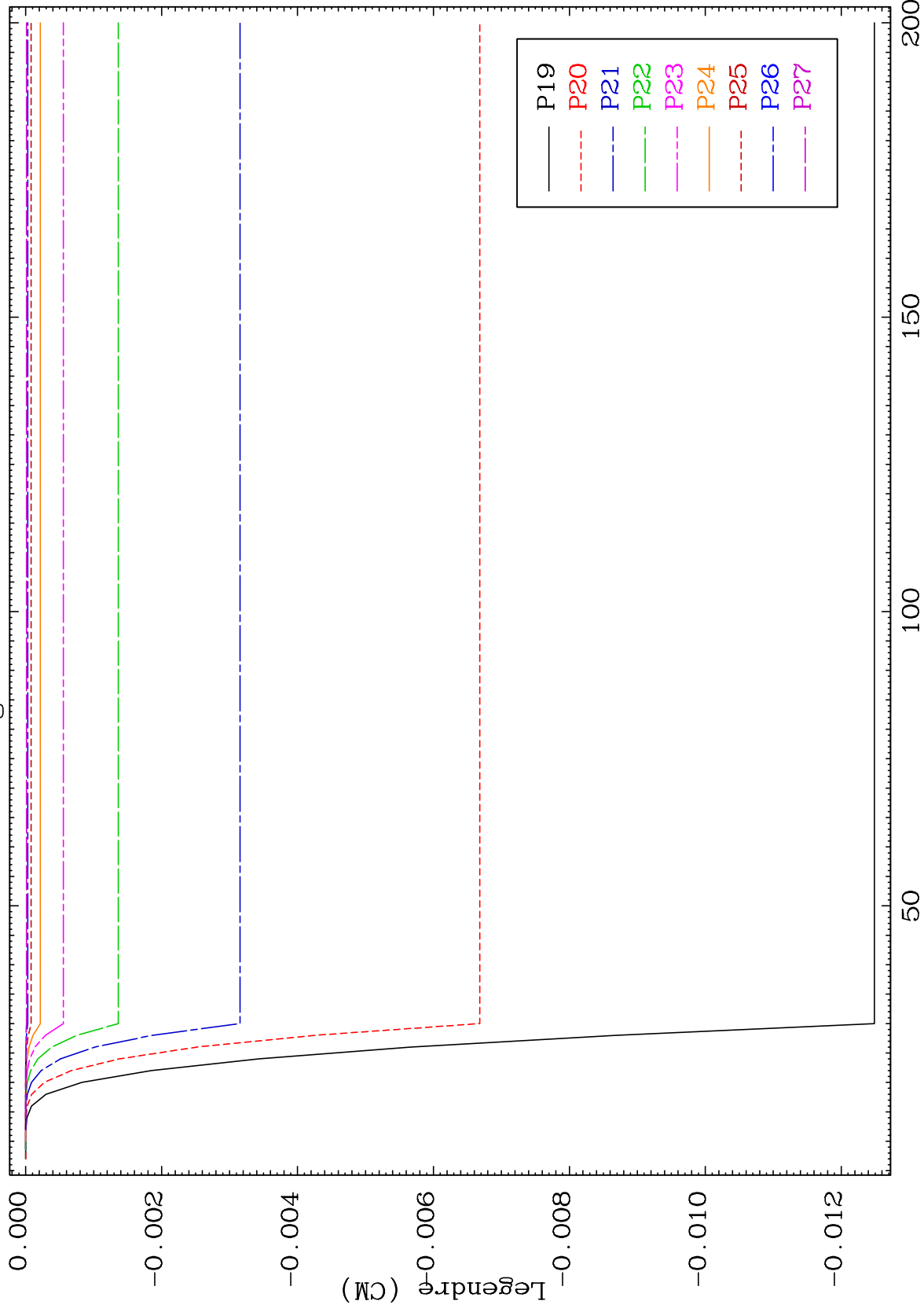
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

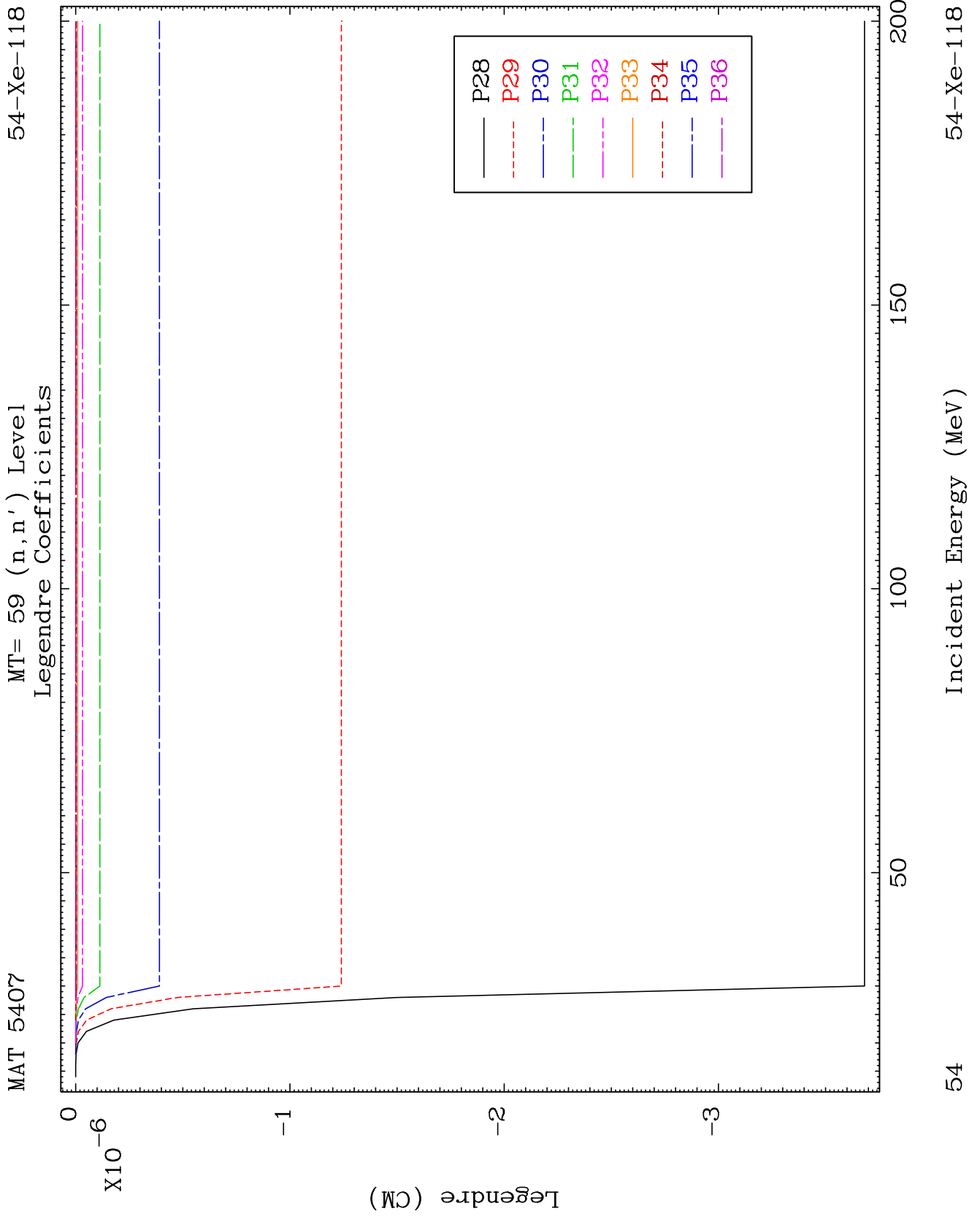
54-Xe-118



53

Incident Energy (MeV)

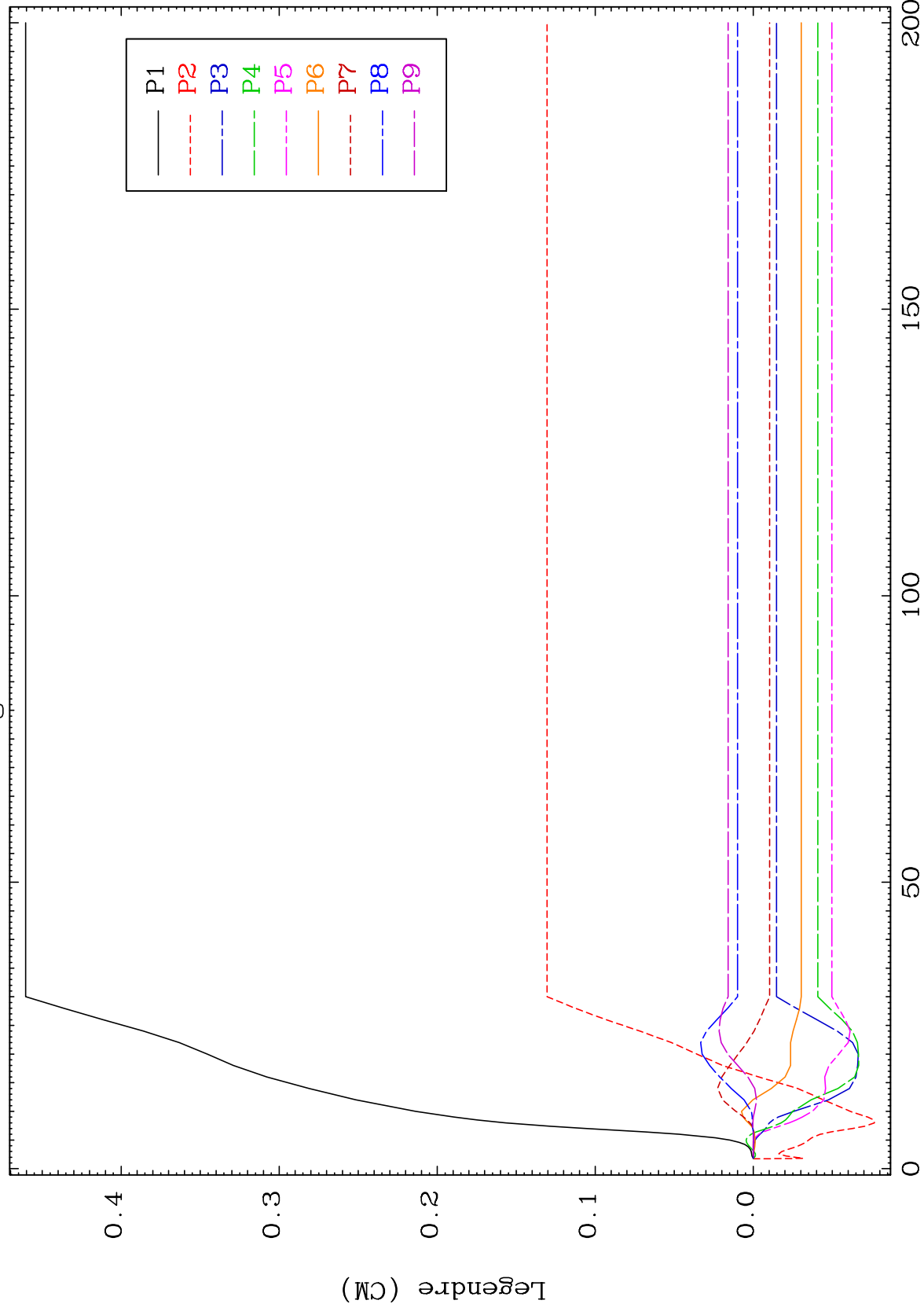
54-Xe-118



MAT 5407

MT= 60 (n,n') Level  
Legendre Coefficients

54-Xe-118



54-Xe-118

Incident Energy (MeV)

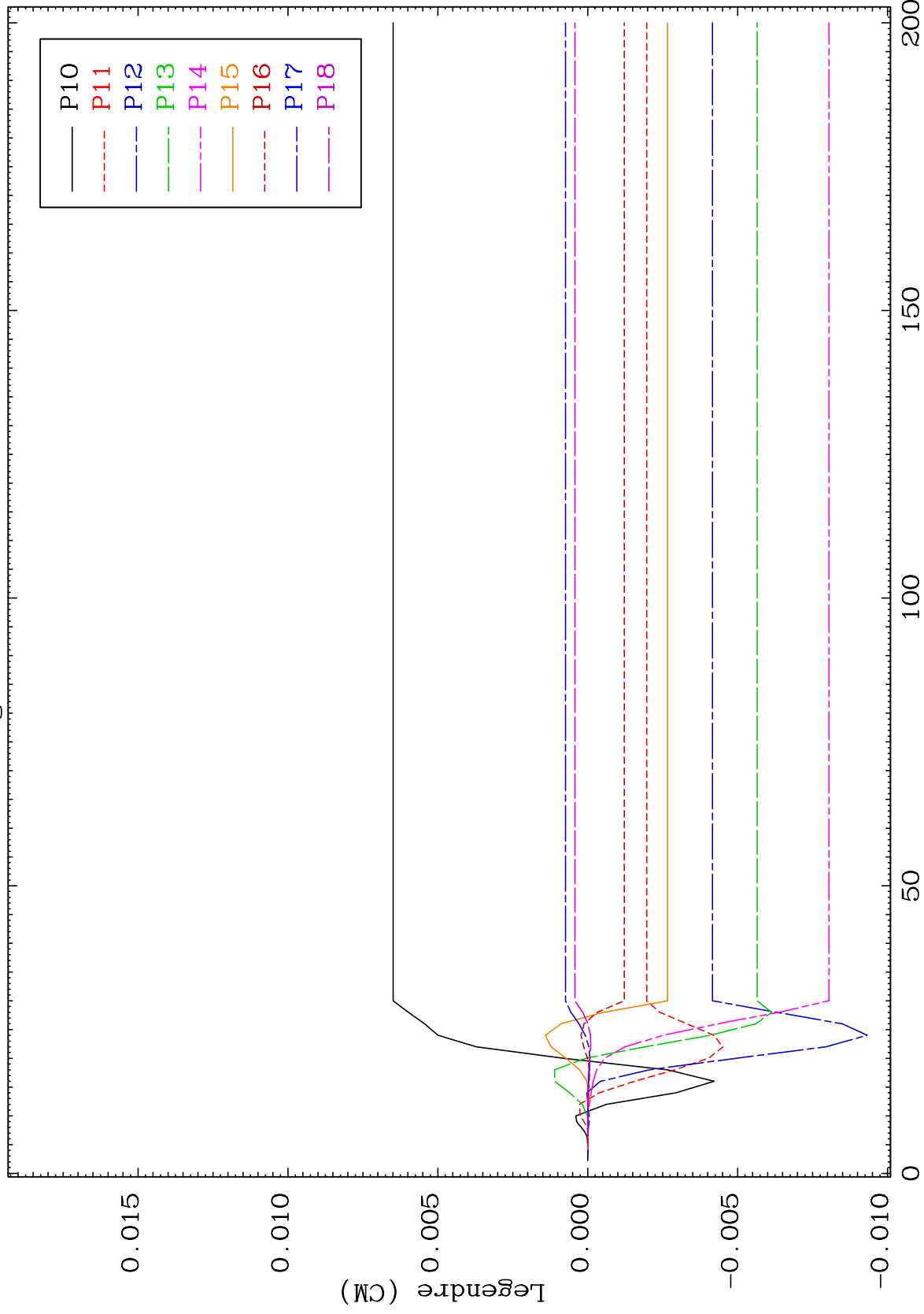
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MAT 5407

MT= 60 (n,n') Level  
Legendre Coefficients

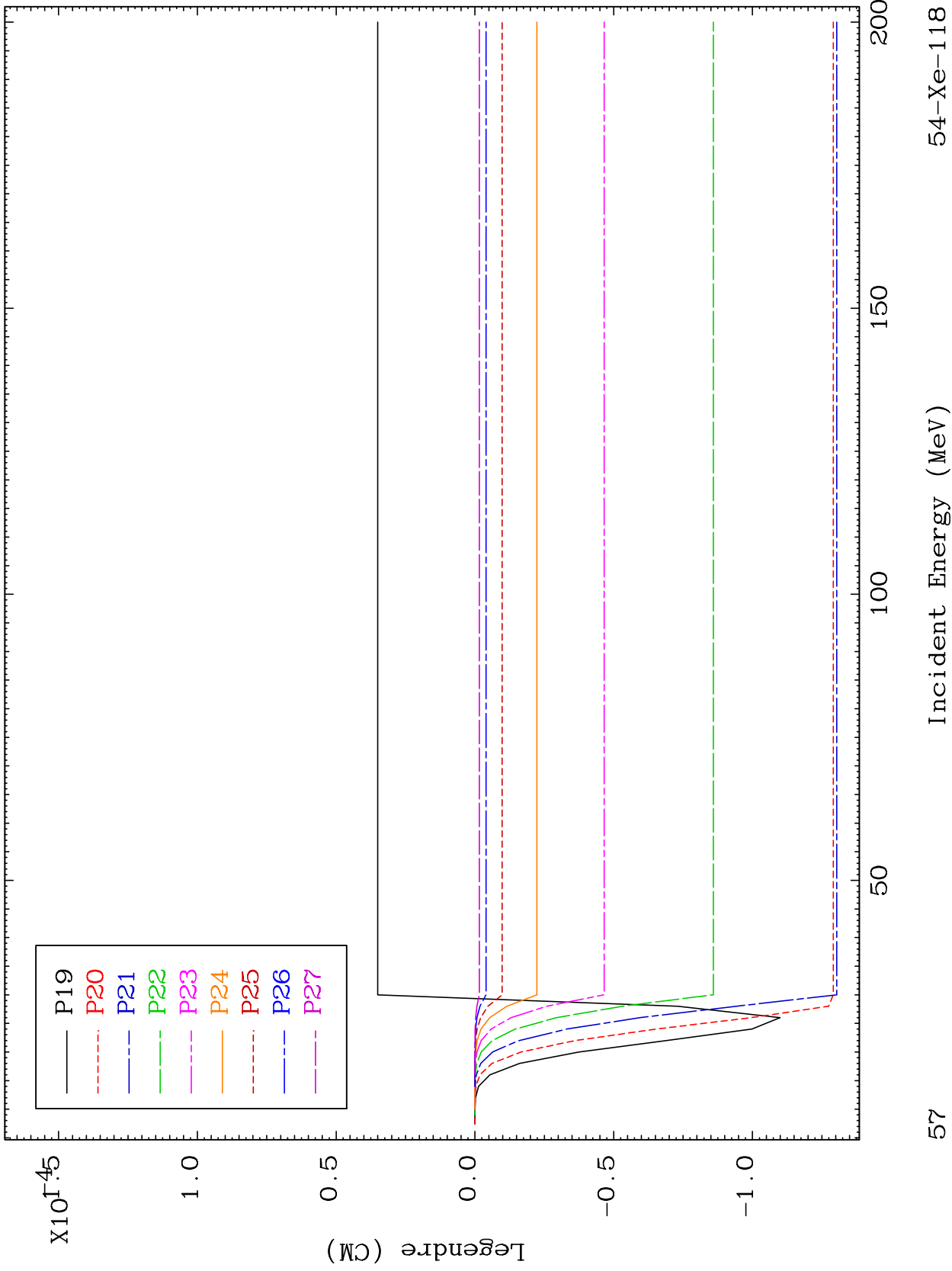
54-Xe-118



56

Incident Energy (MeV)

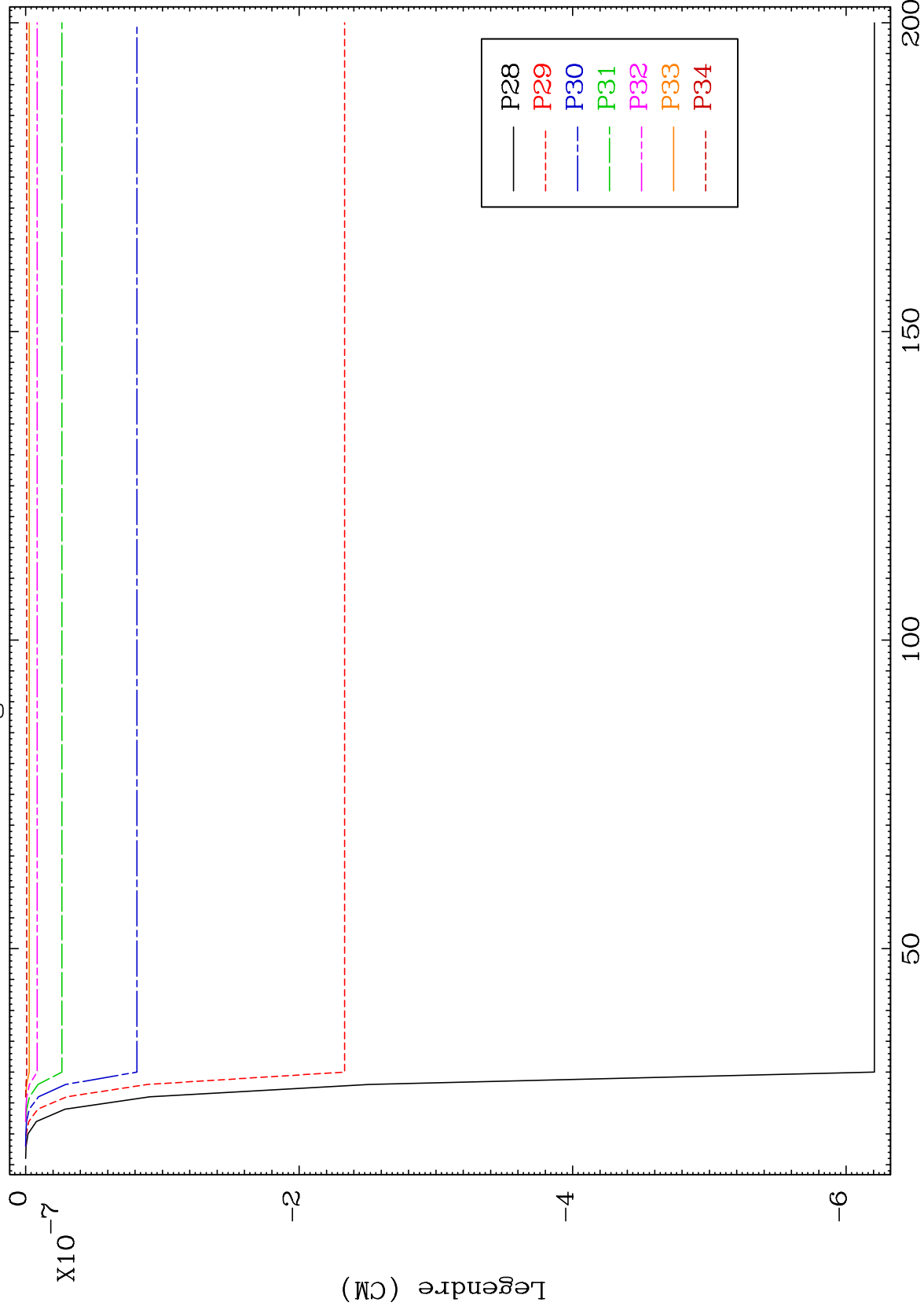
54-Xe-118



MAT 5407

MT= 60 (n,n') Level  
Legendre Coefficients

54-Xe-118



58

Incident Energy (MeV)

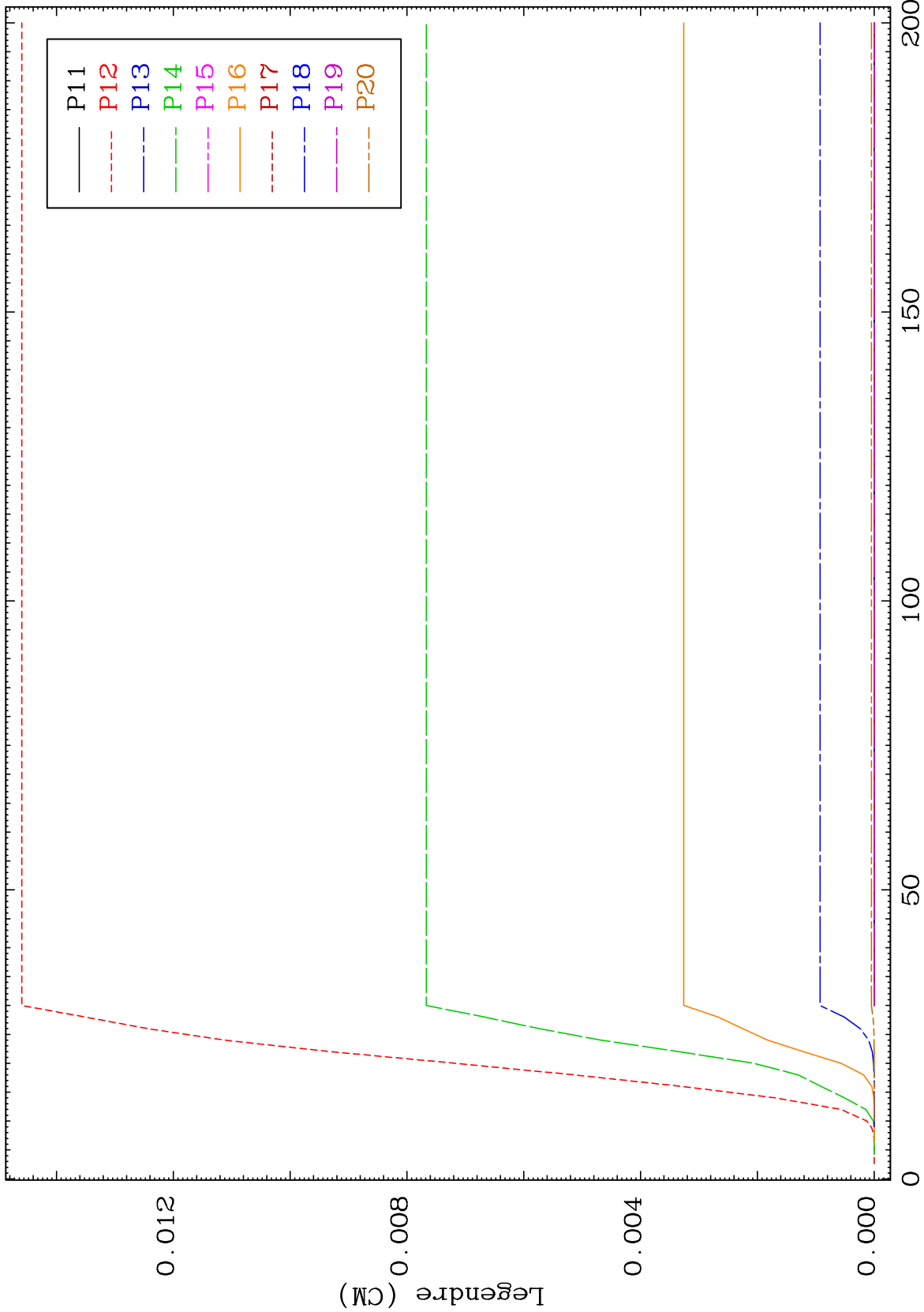
54-Xe-118



MAT 5407

MT= 61 (n,n') Level  
Legendre Coefficients

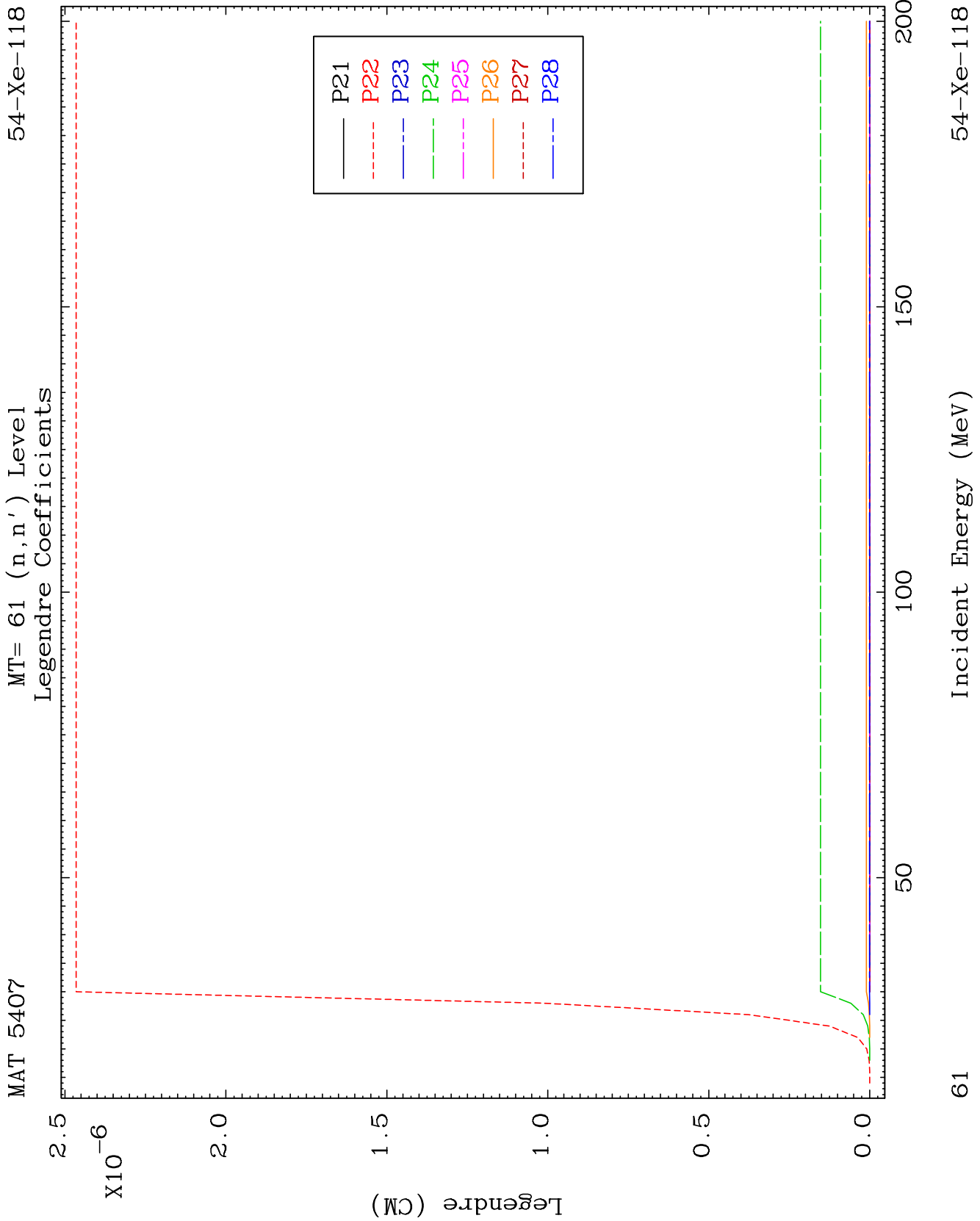
54-Xe-118



54-Xe-118

Incident Energy (MeV)

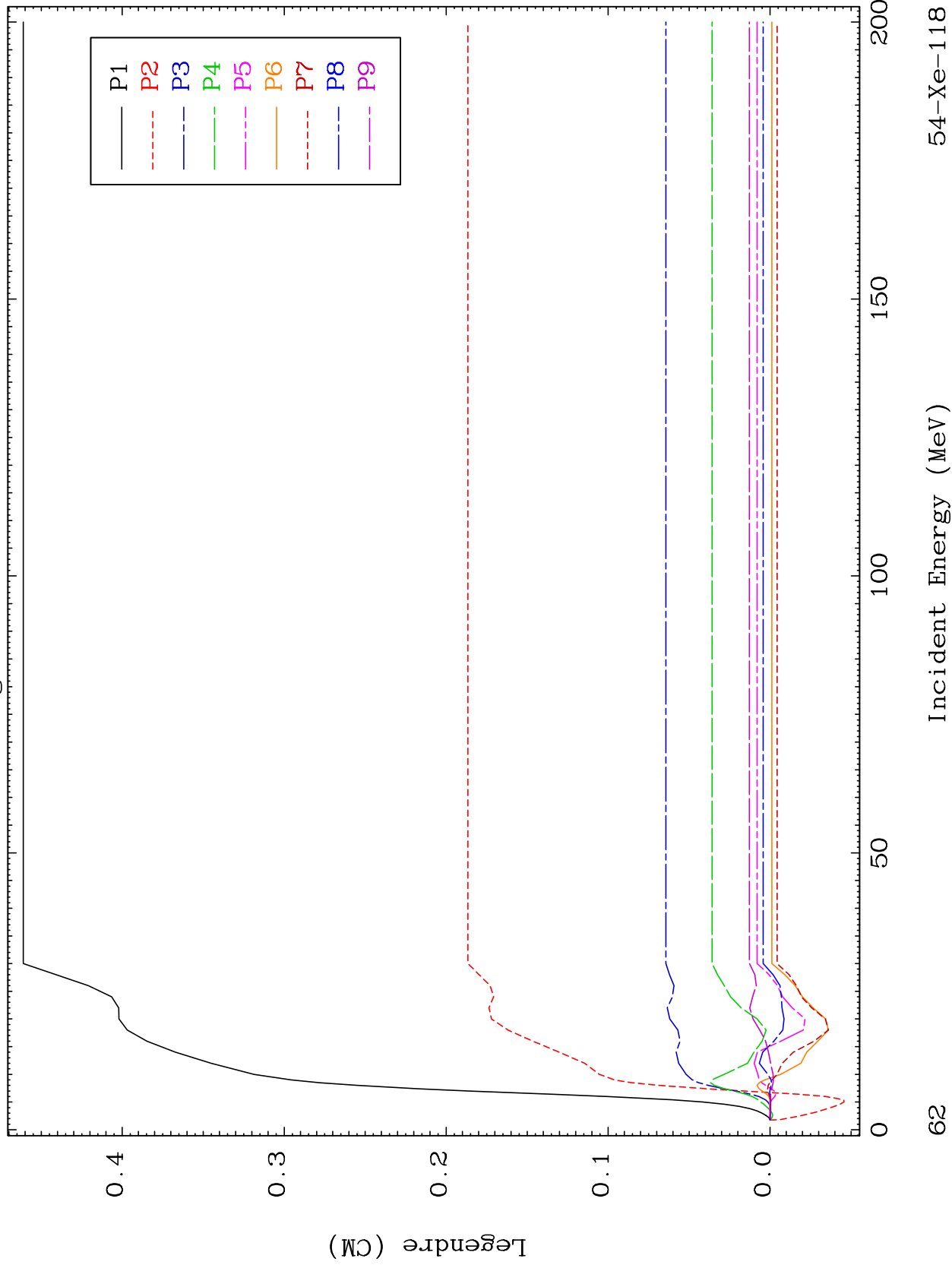
60



MAT 5407

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

54-Xe-118



54-Xe-118

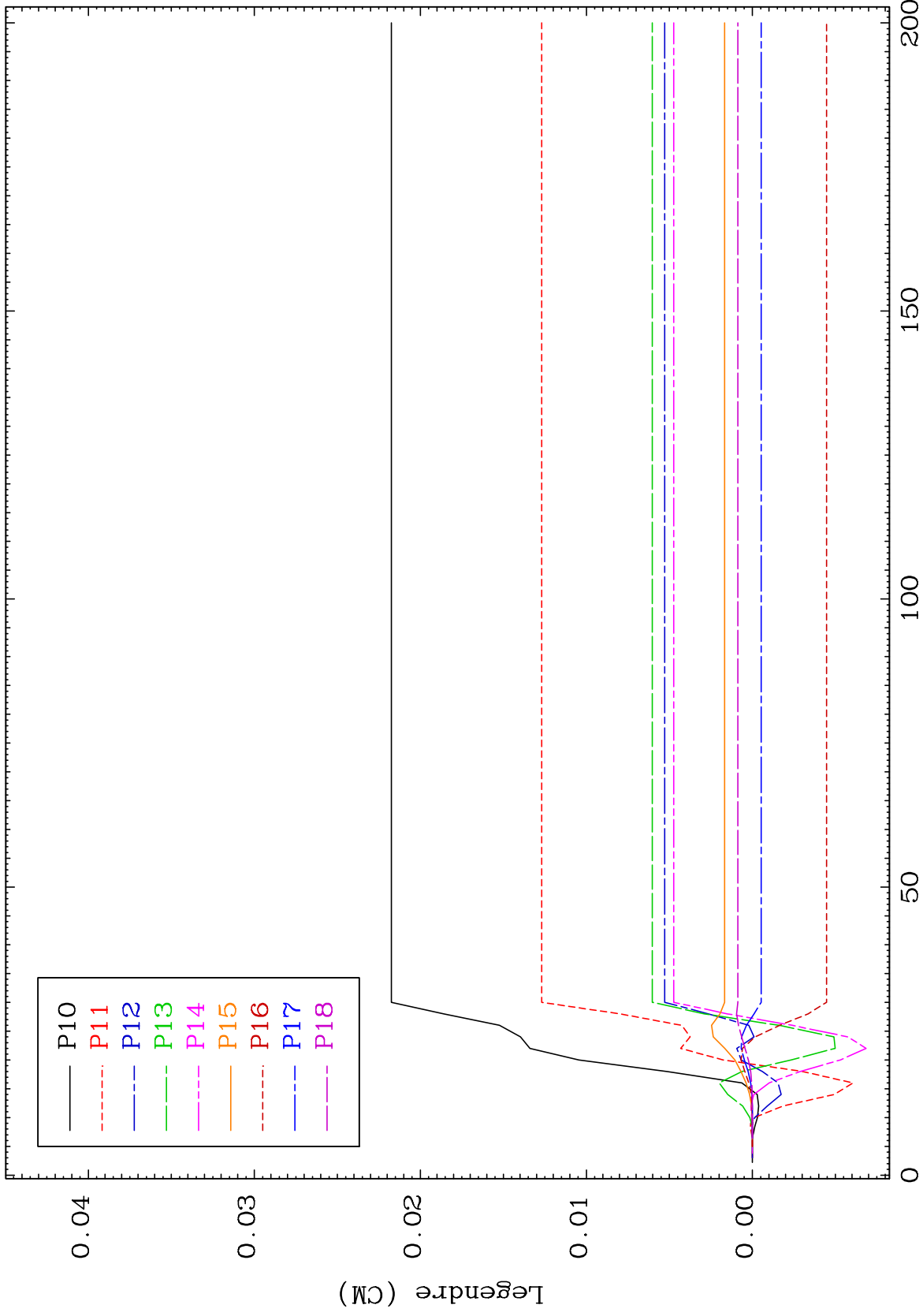
Incident Energy (MeV)

62

MAT 5407

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

54-Xe-118



63

Incident Energy (MeV)

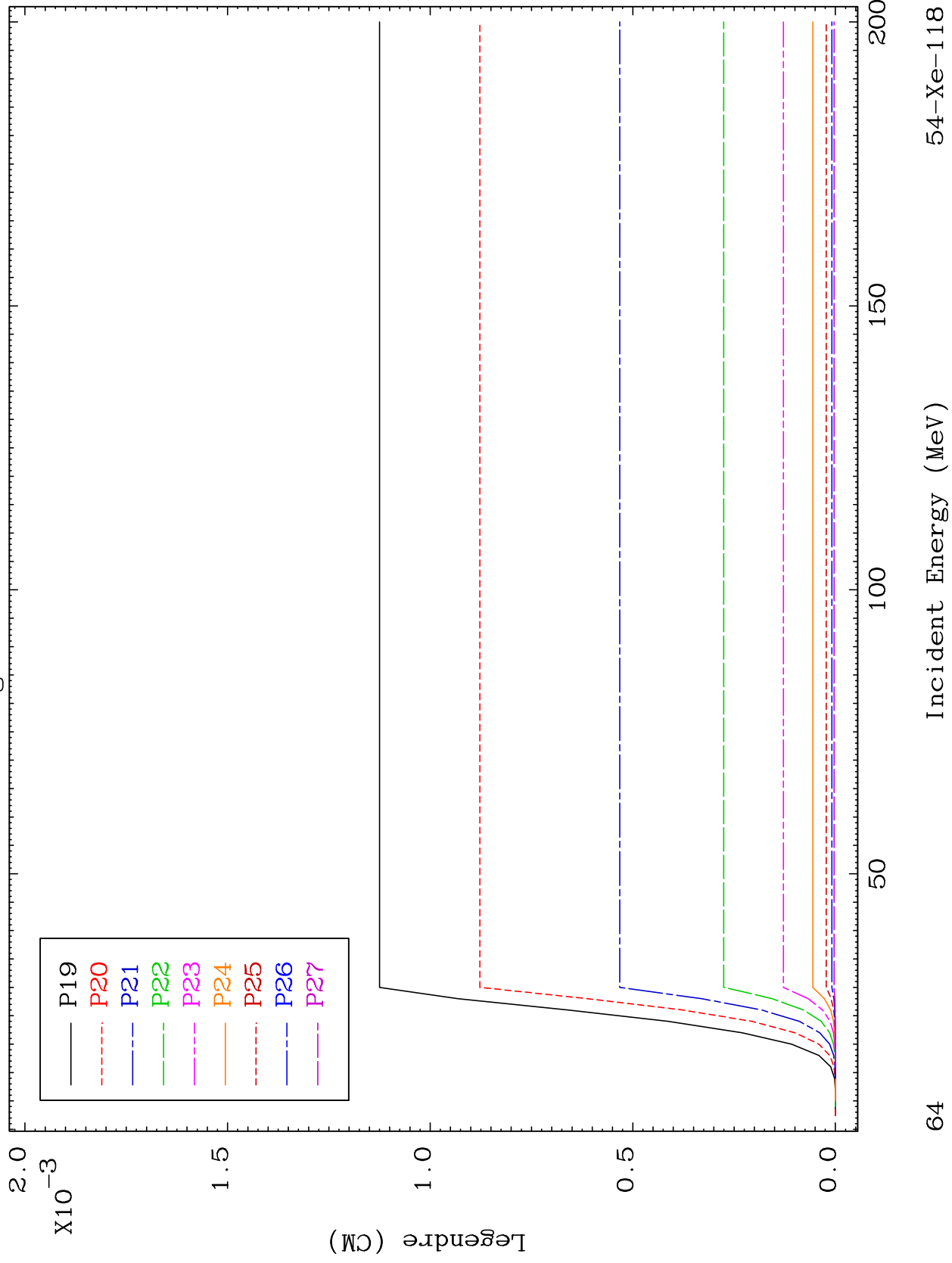
54-Xe-118



MAT 5407

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

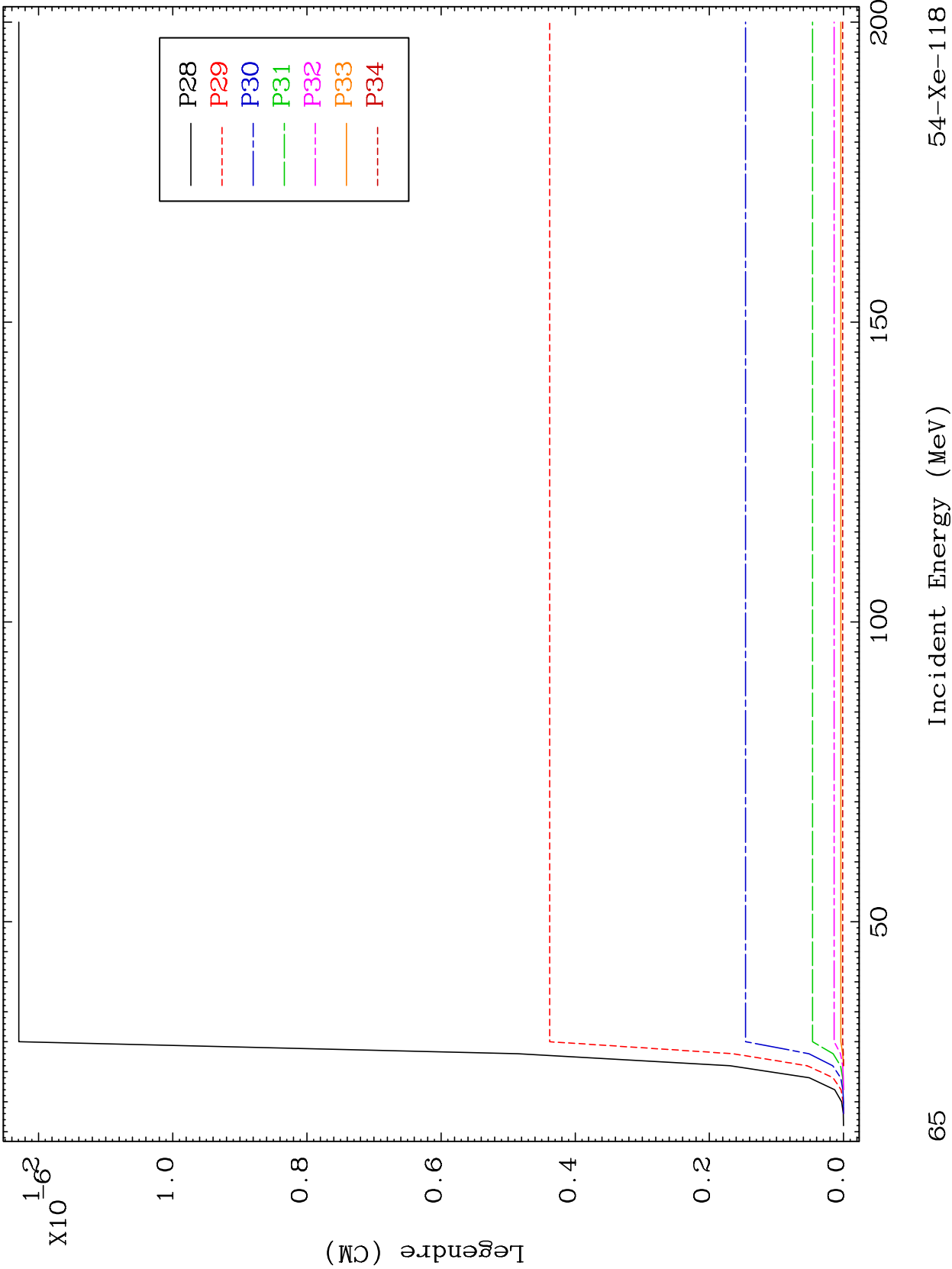
54-Xe-118



MAT 5407

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

54-Xe-118



65

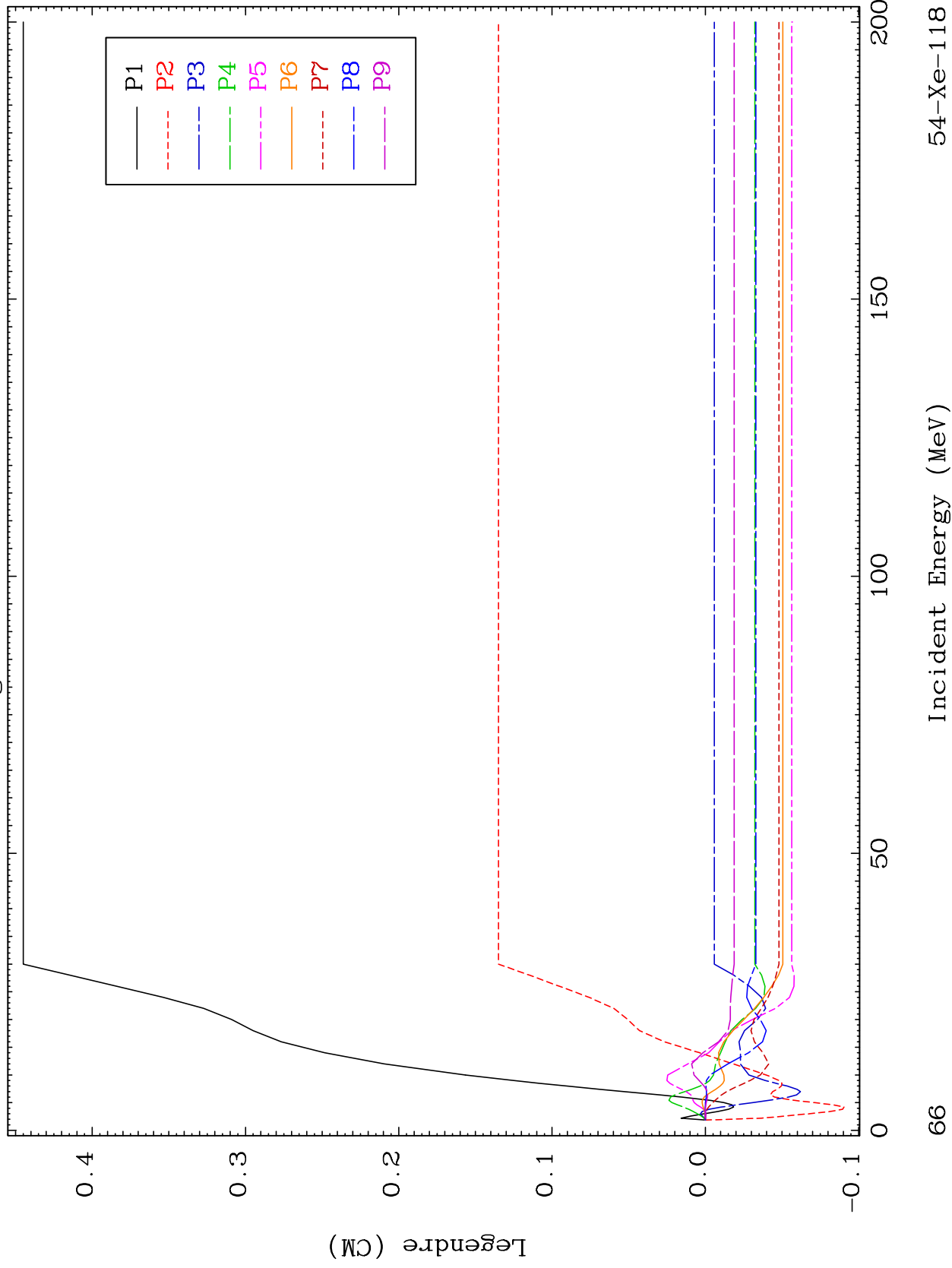
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

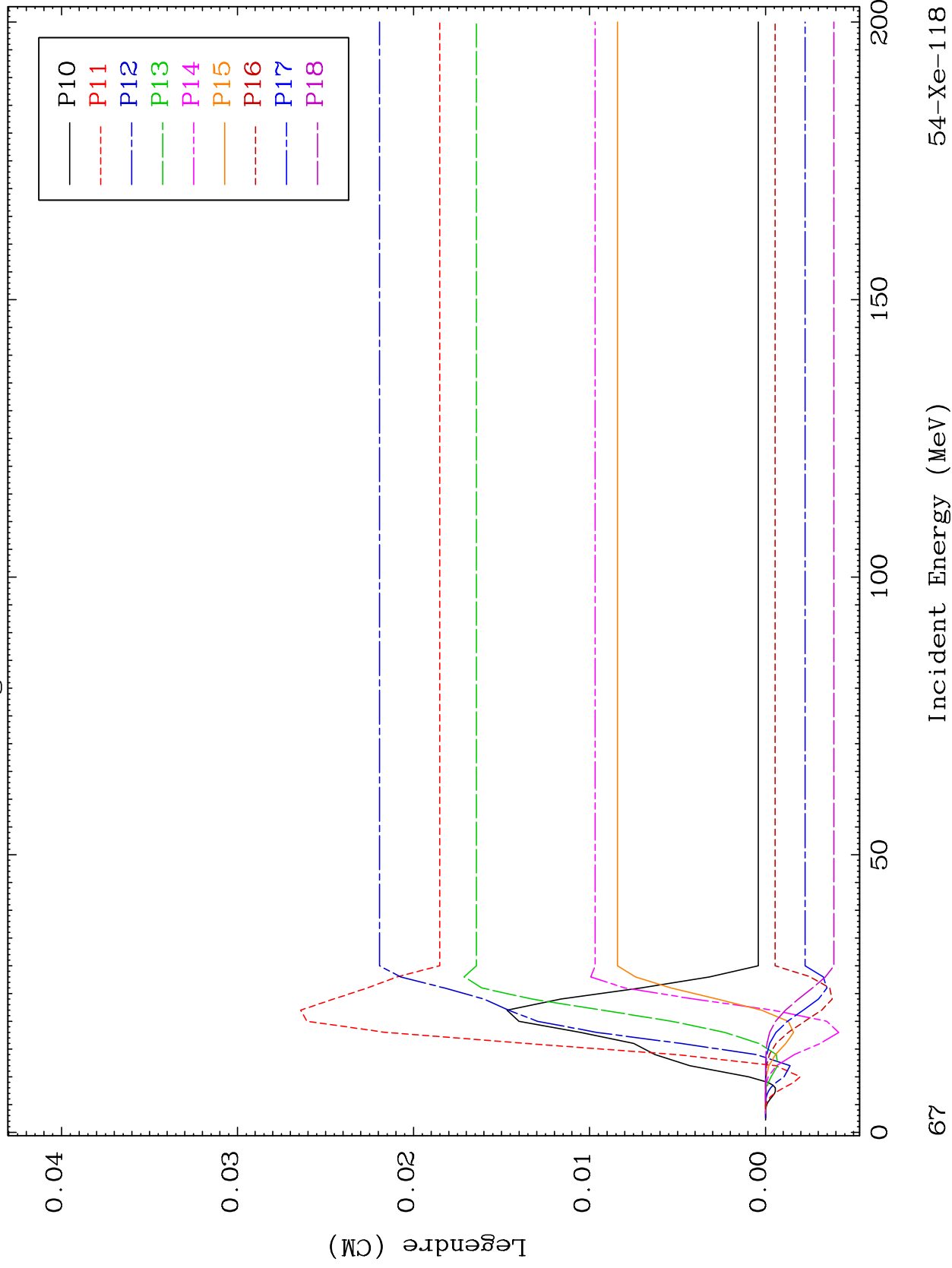
Incident Energy (MeV)

66

MAT 5407

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

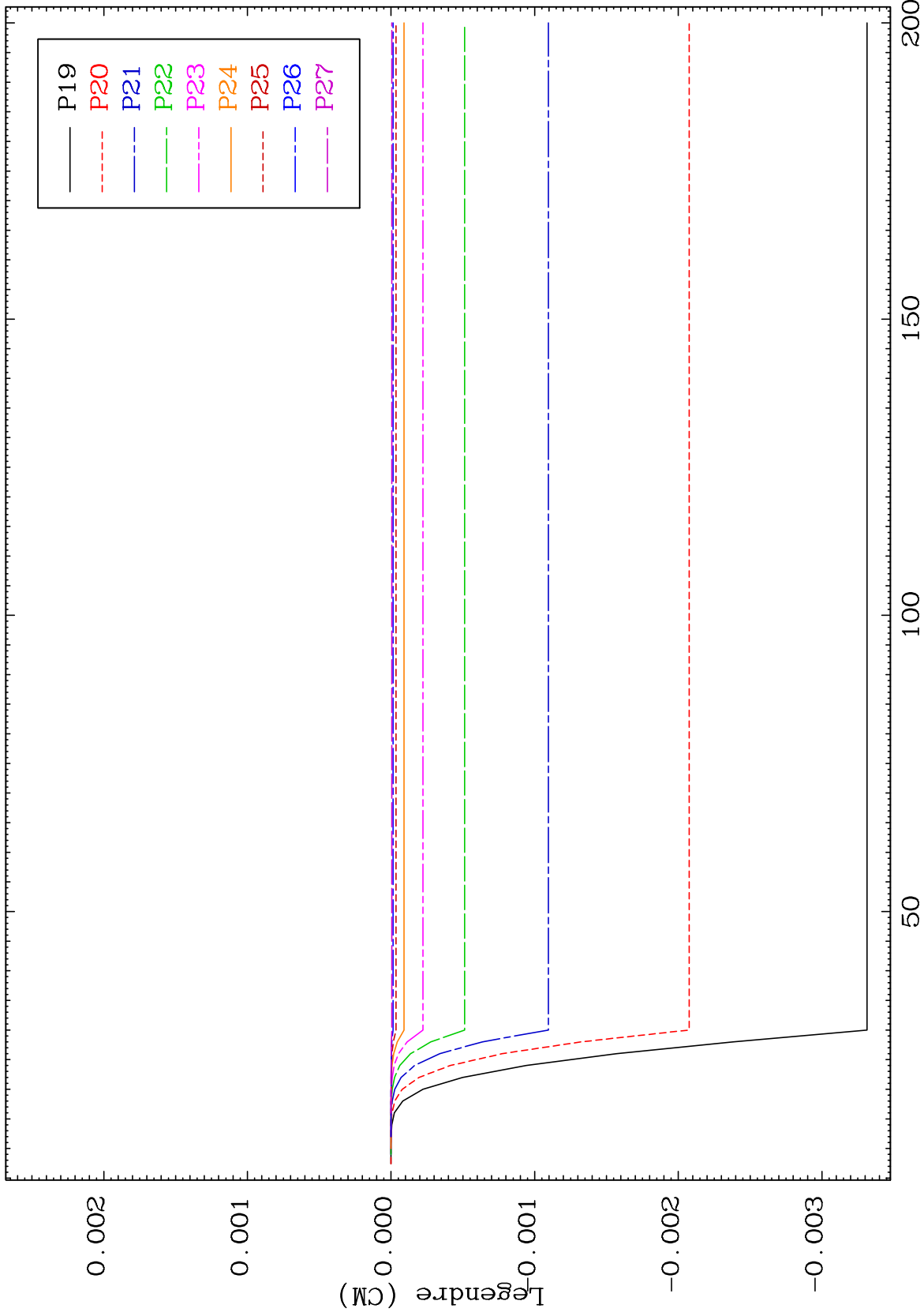
54-Xe-118



MAT 5407

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

54-Xe-118



68

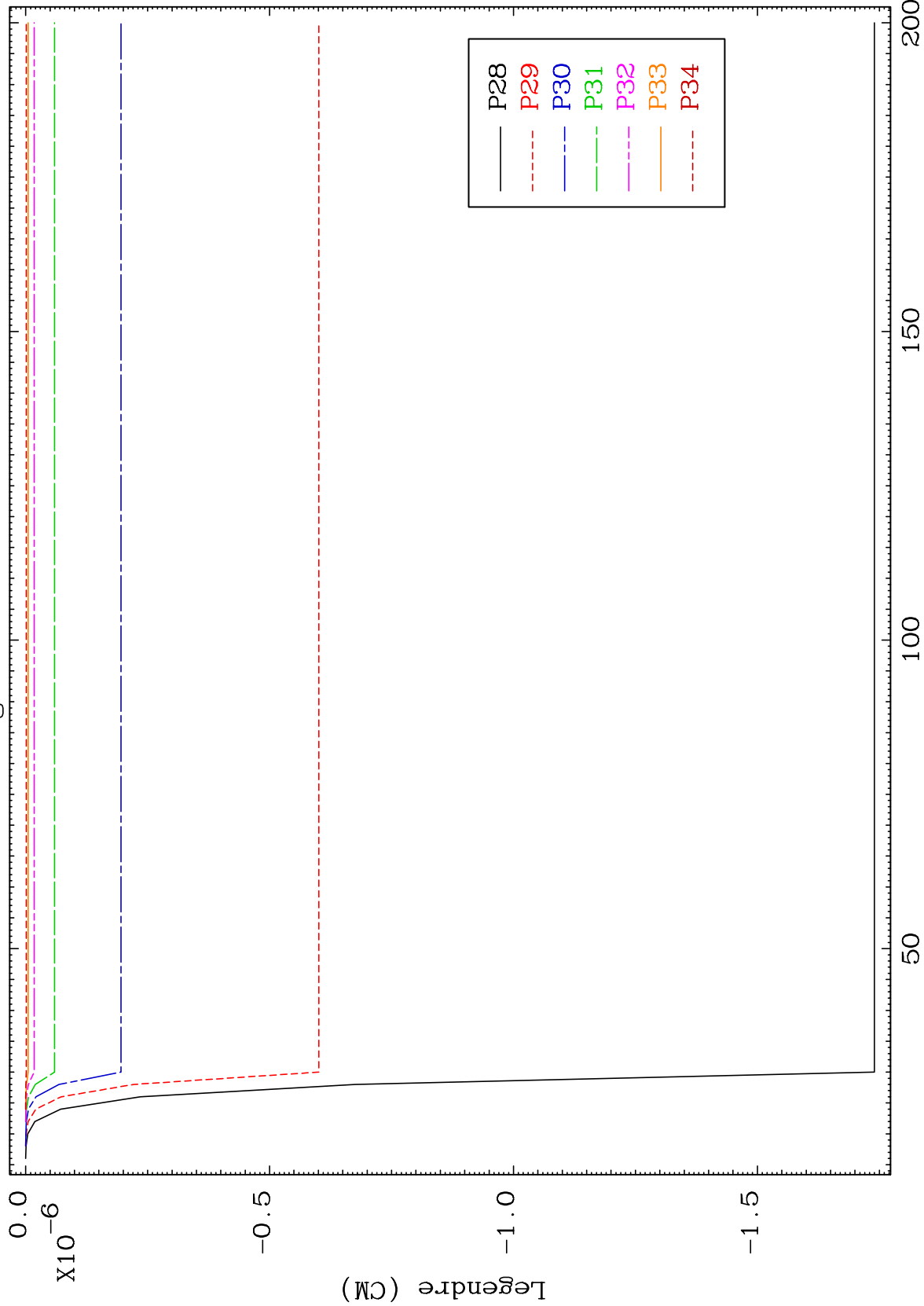
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



69

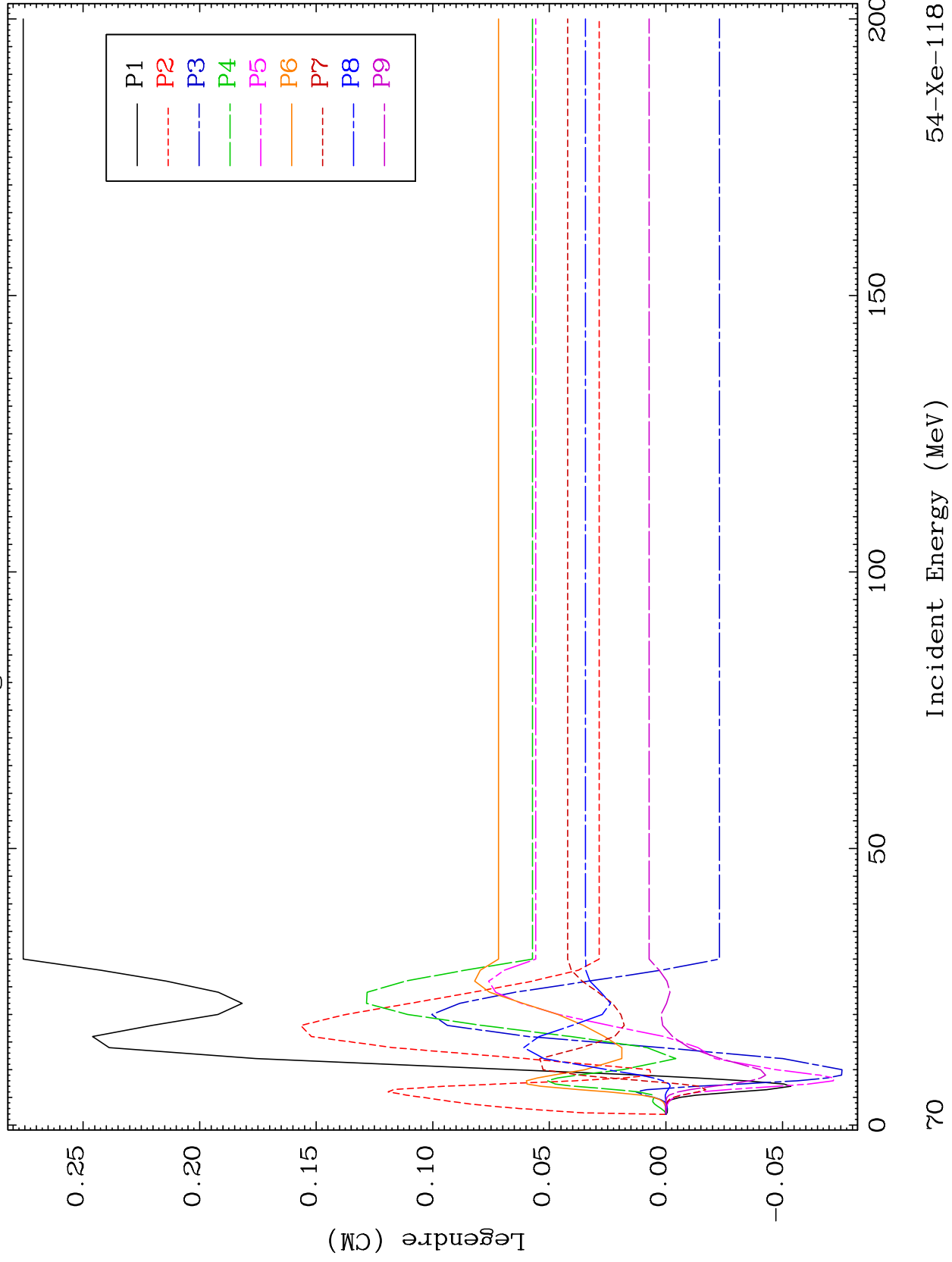
Incident Energy (MeV)

54-Xe-118

MAT 5407

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

54-Xe-118



54-Xe-118

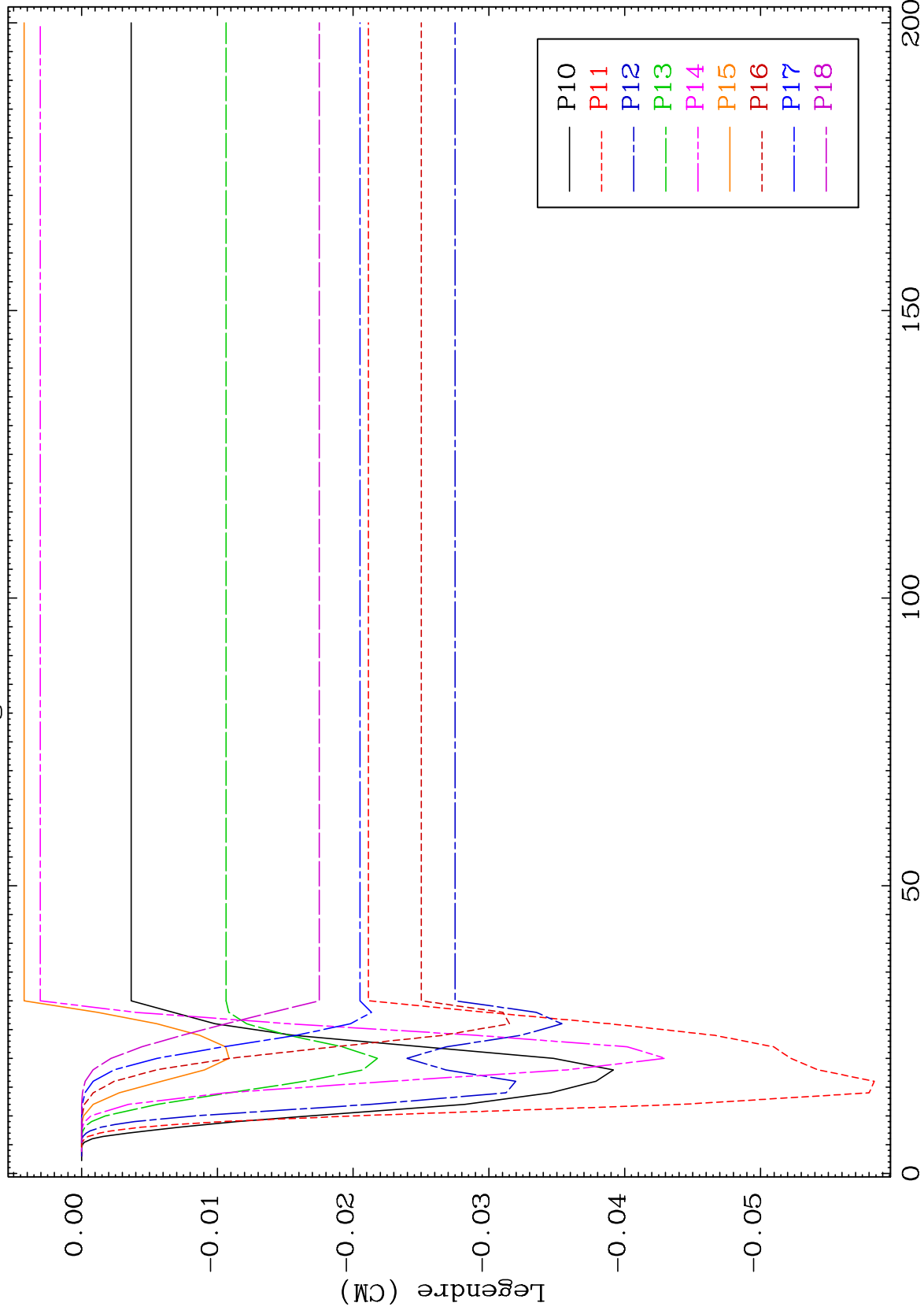
Incident Energy (MeV)

70

MAT 5407

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

54-Xe-118



71

Incident Energy (MeV)

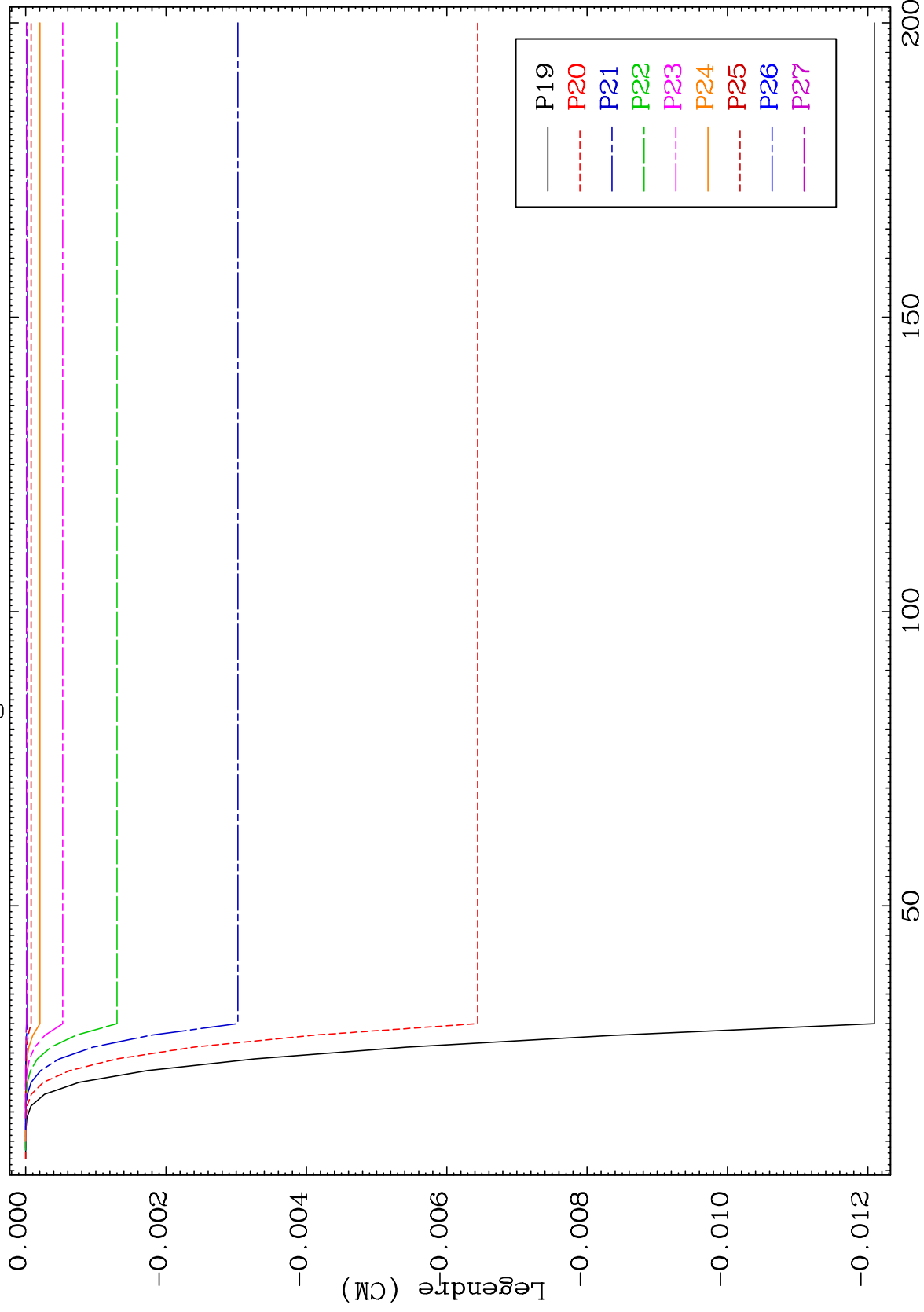
54-Xe-118

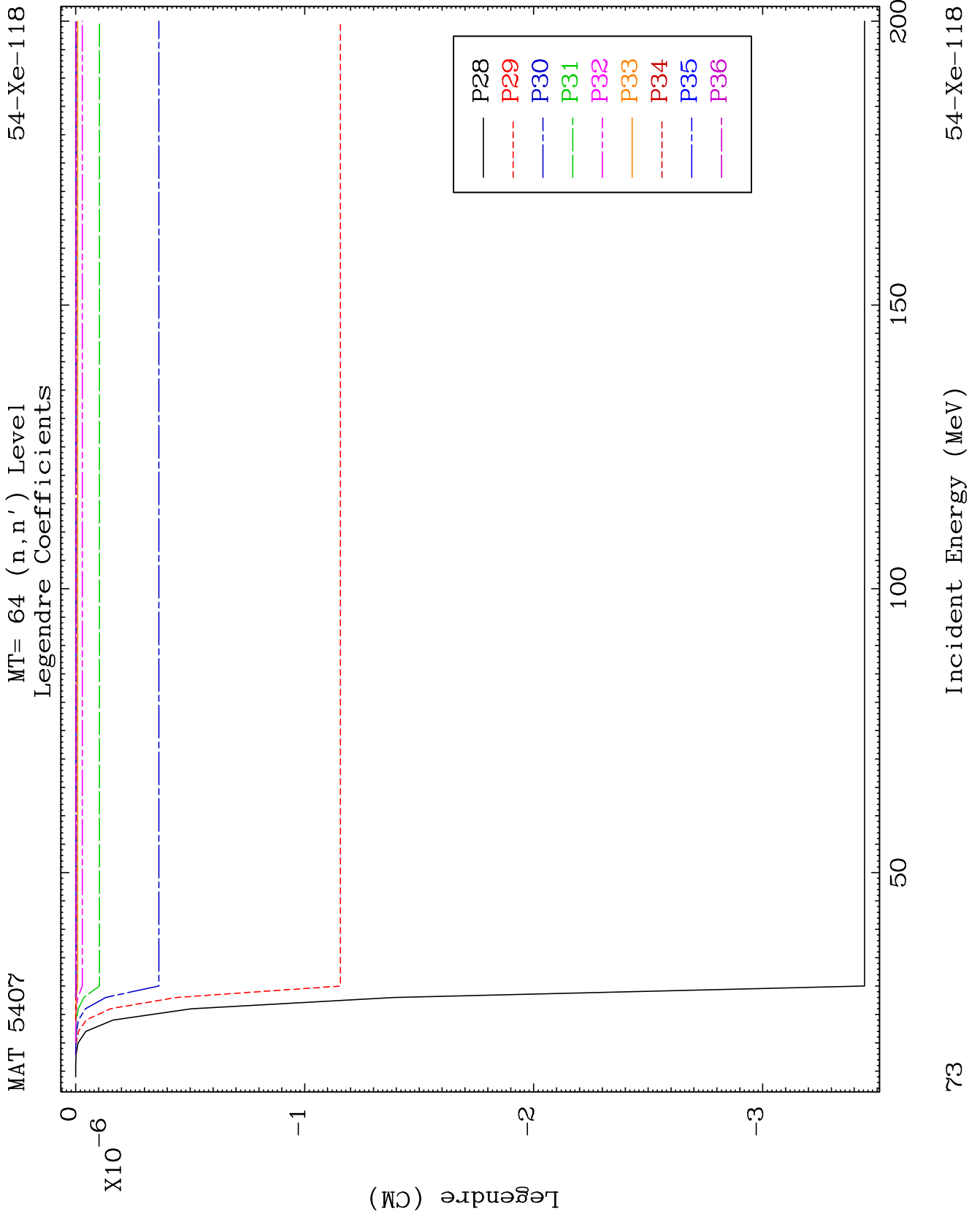


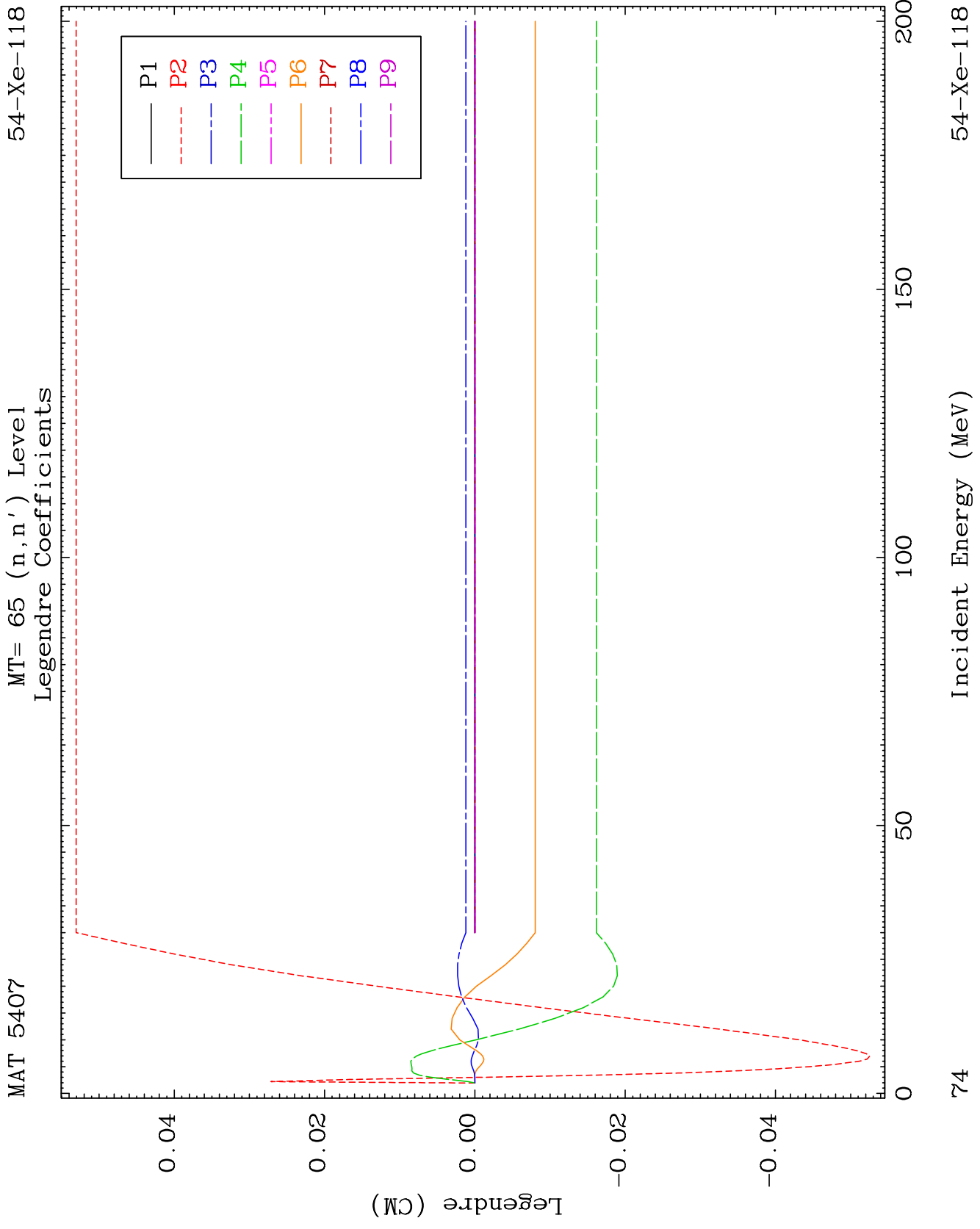
MAT 5407

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

54-Xe-118



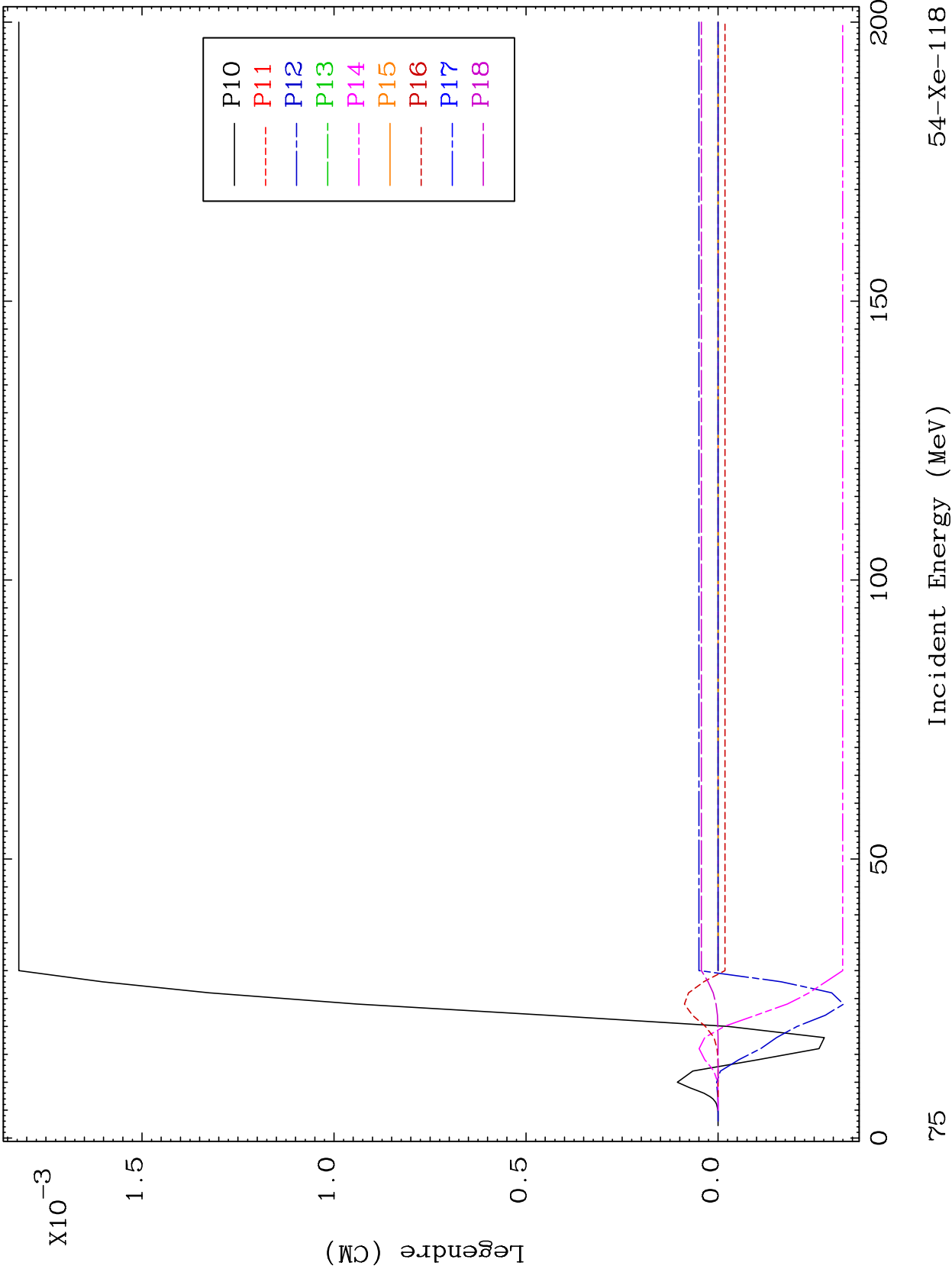




MAT 5407

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

54-Xe-118



54-Xe-118

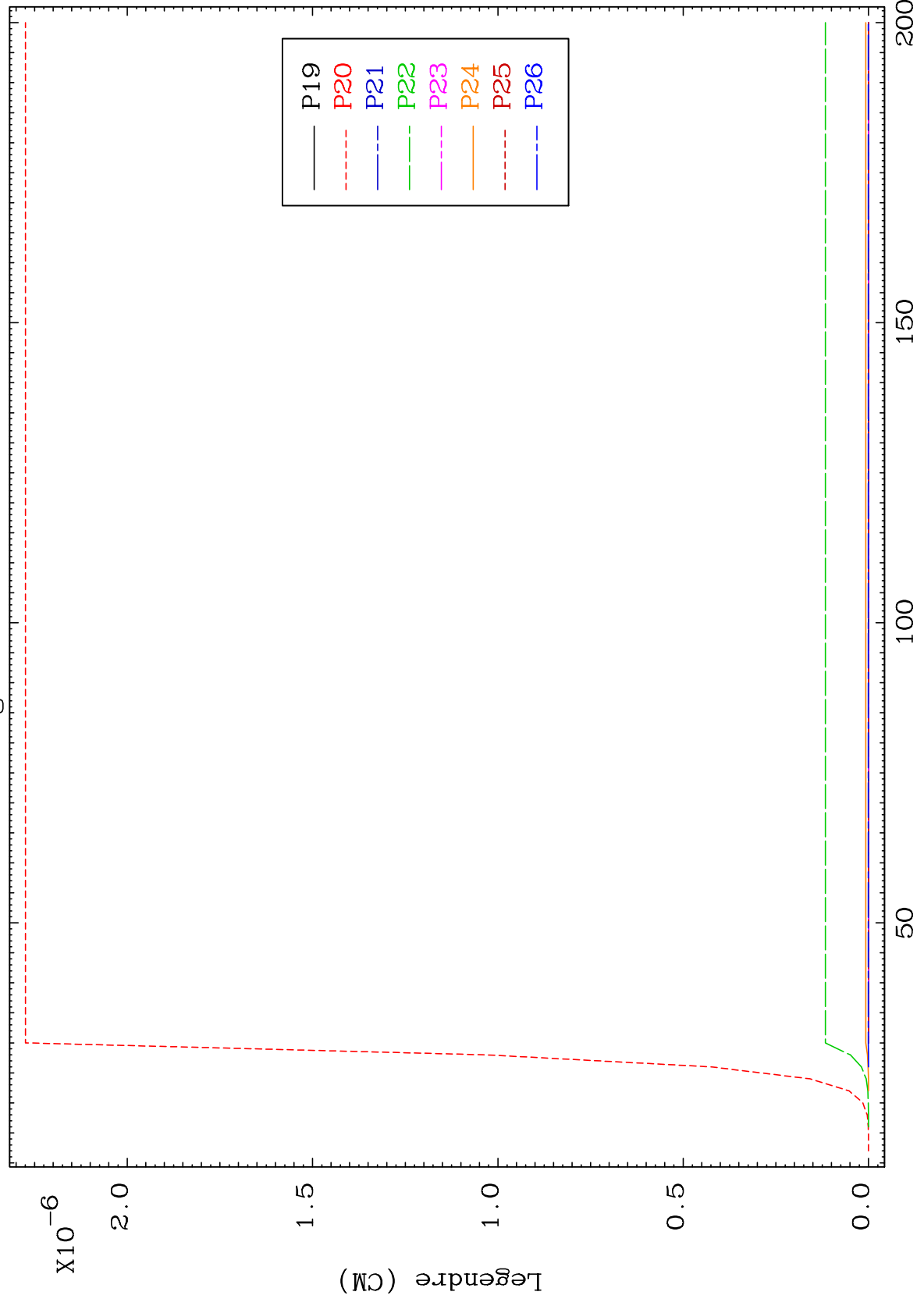
Incident Energy (MeV)

75

MAT 5407

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

54-Xe-118



54-Xe-118

Incident Energy (MeV)

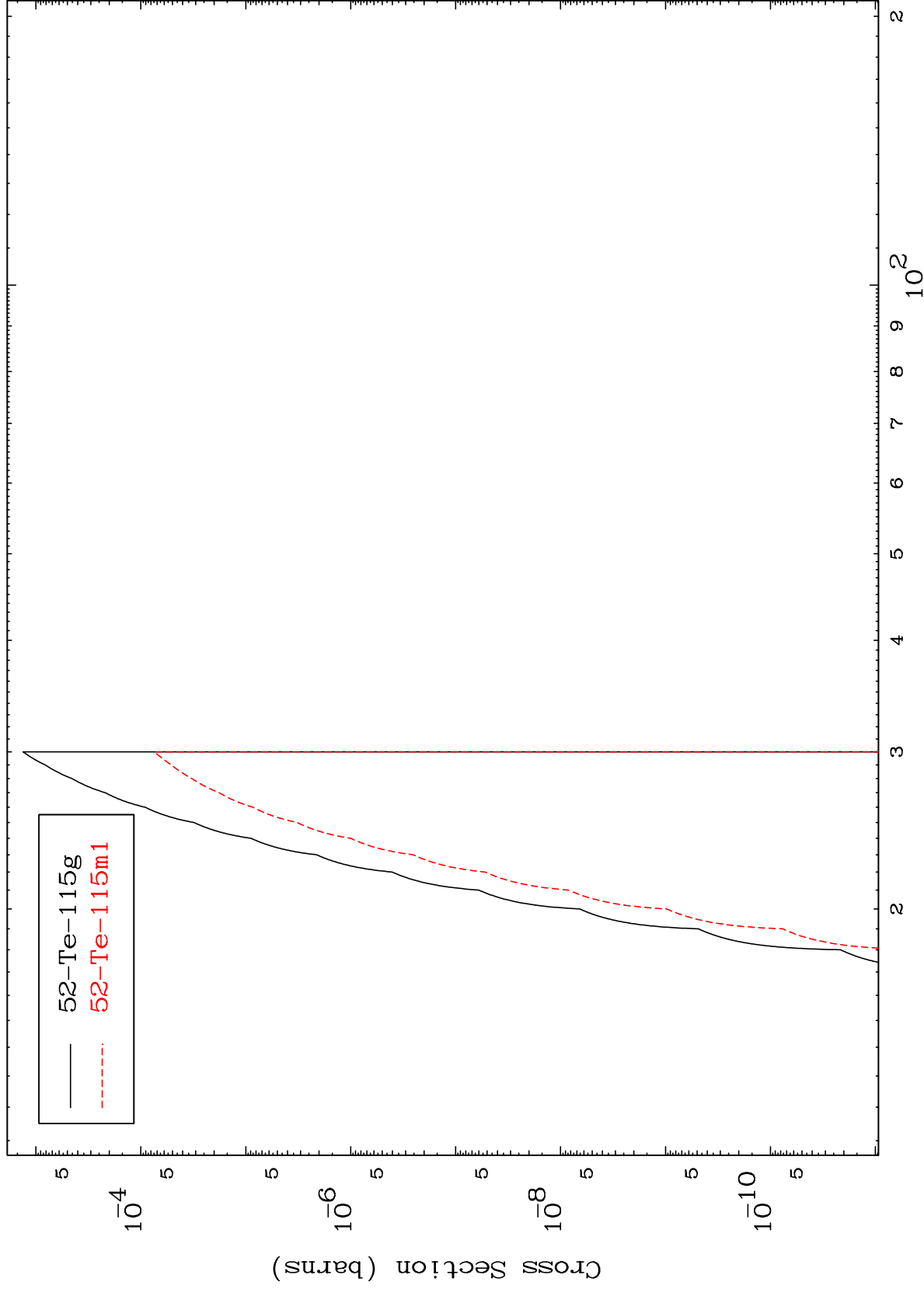
76

MAT 5407

(n,n') He-3

54-Xe-118

Radionuclide Production Cross Section



Incident Energy (MeV)

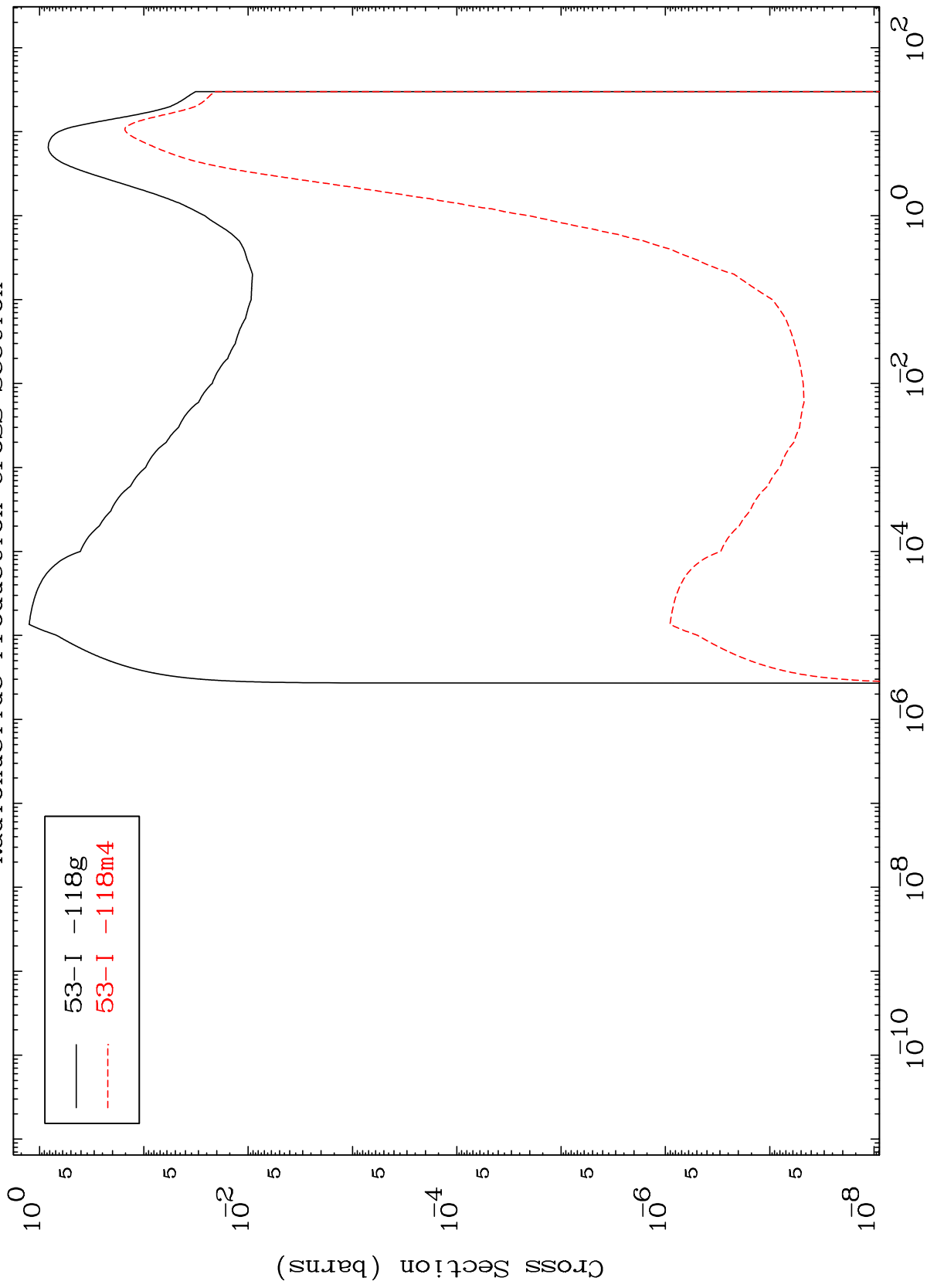
54-Xe-118

77

MAT 5407

54-Xe-118

(n,p)  
Radionuclide Production Cross Section



53-I-118g  
53-I-118m4

54-Xe-118

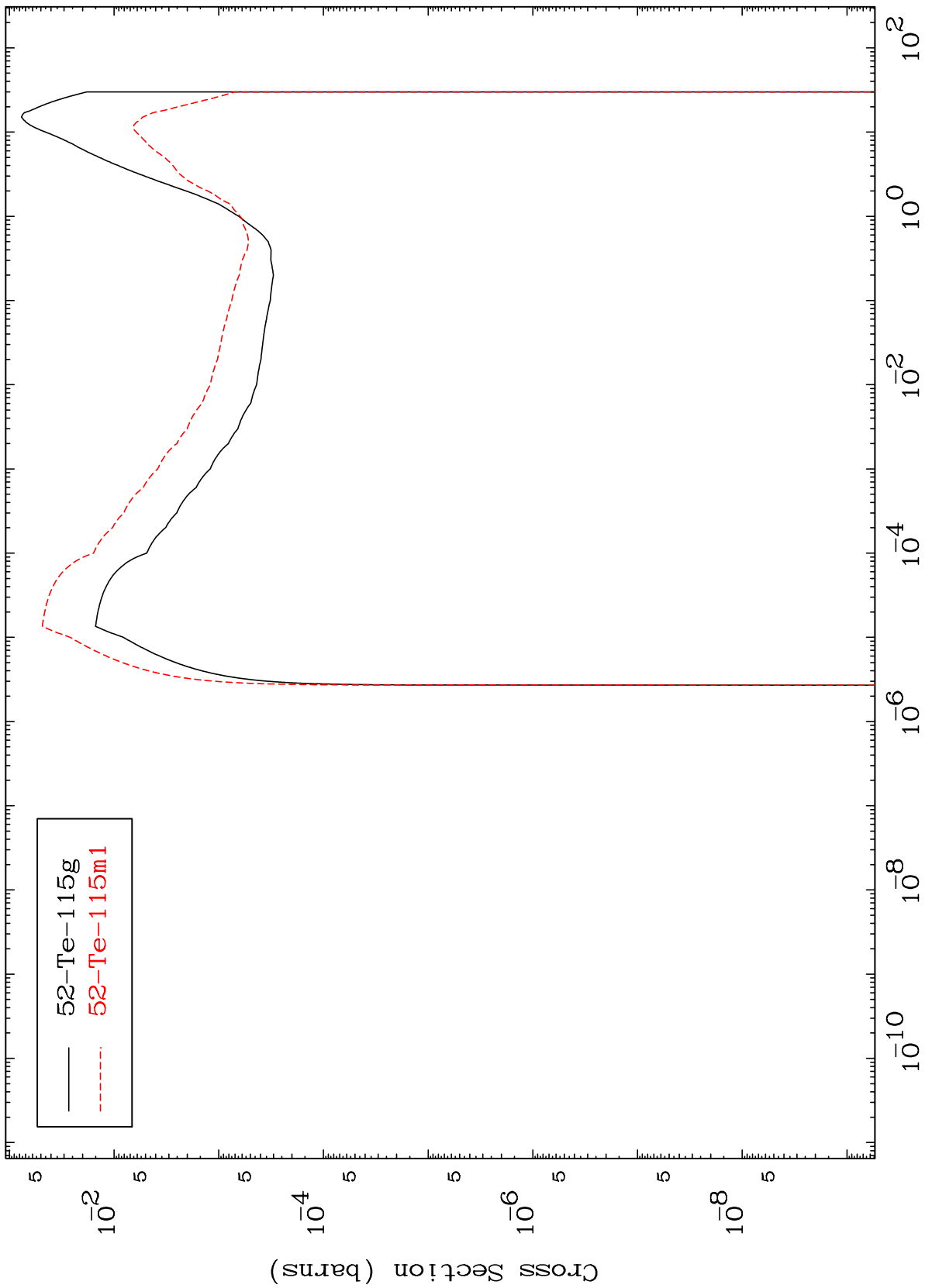
Incident Energy (MeV)

78

MAT 5407

54-Xe-118

Radionuclide Production Cross Section



79

54-Xe-118

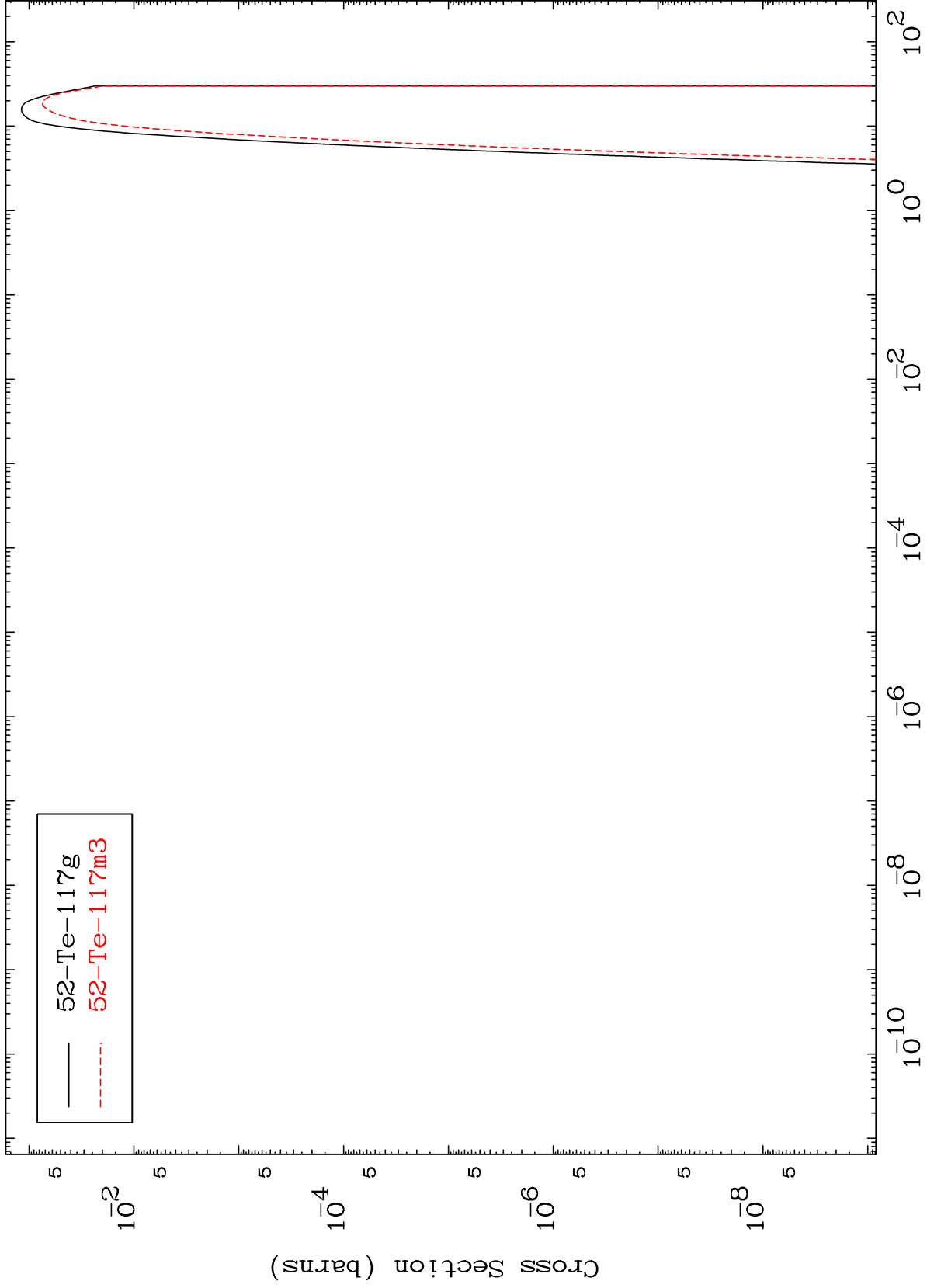


MAT 5407

(n,2p)

54-Xe-118

Radionuclide Production Cross Section



80

Incident Energy (MeV)

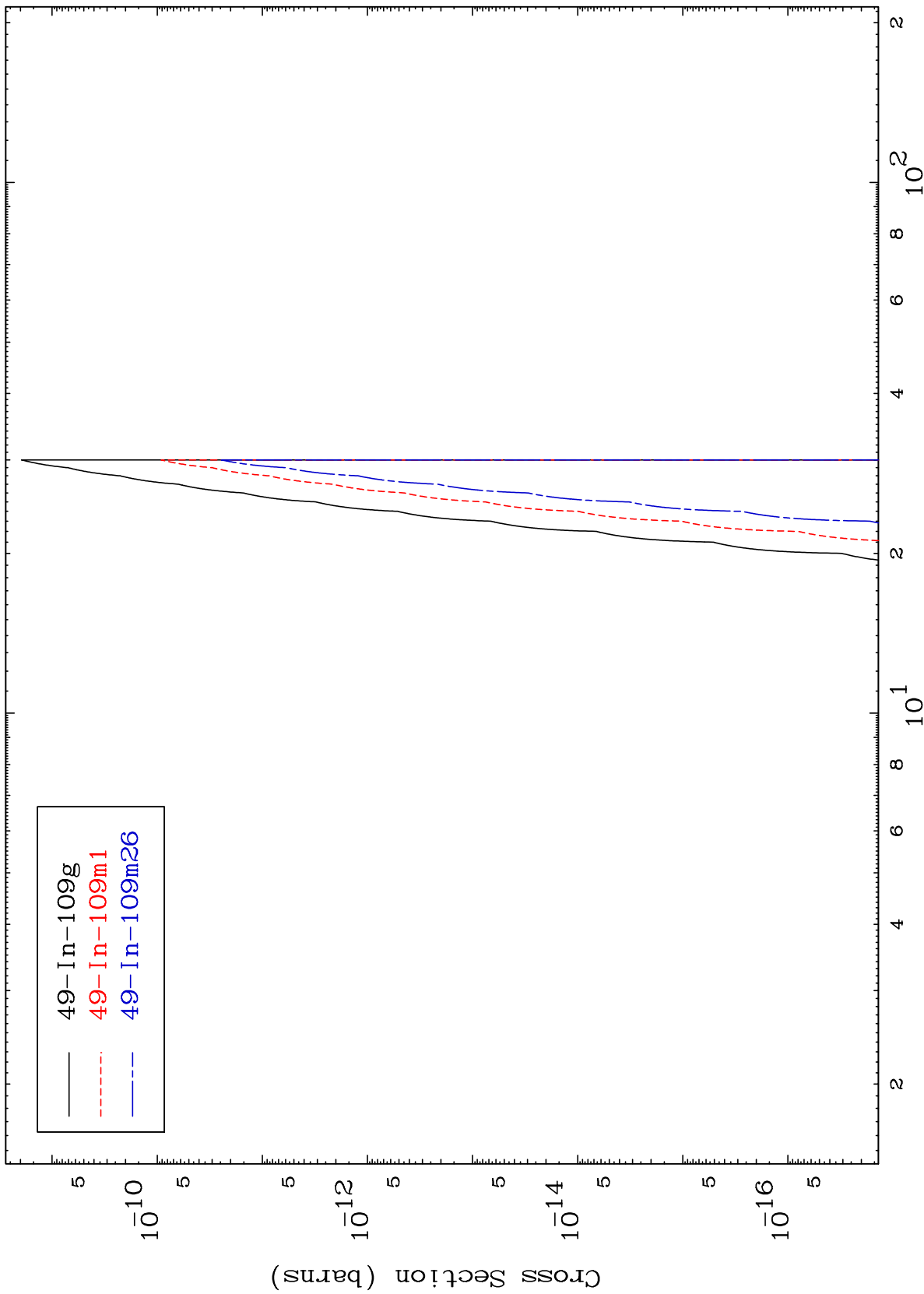
54-Xe-118

MAT 5407

(n,d) 2 $\alpha$

54-Xe-118

Radionuclide Production Cross Section

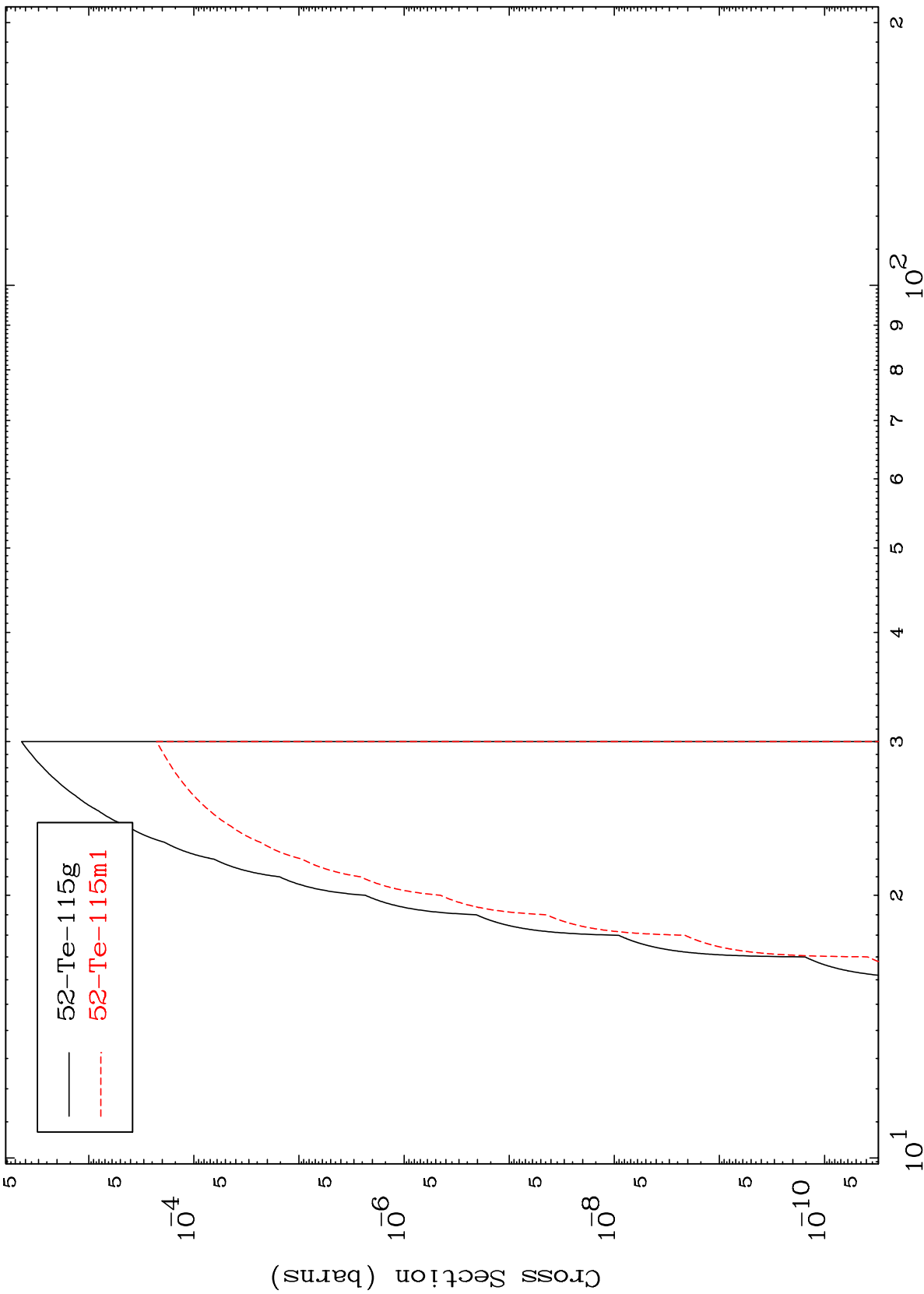


MAT 5407

(n,p) t

54-Xe-118

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-118

82