

Program EVALPLOT  
(Version 2018-1)

by

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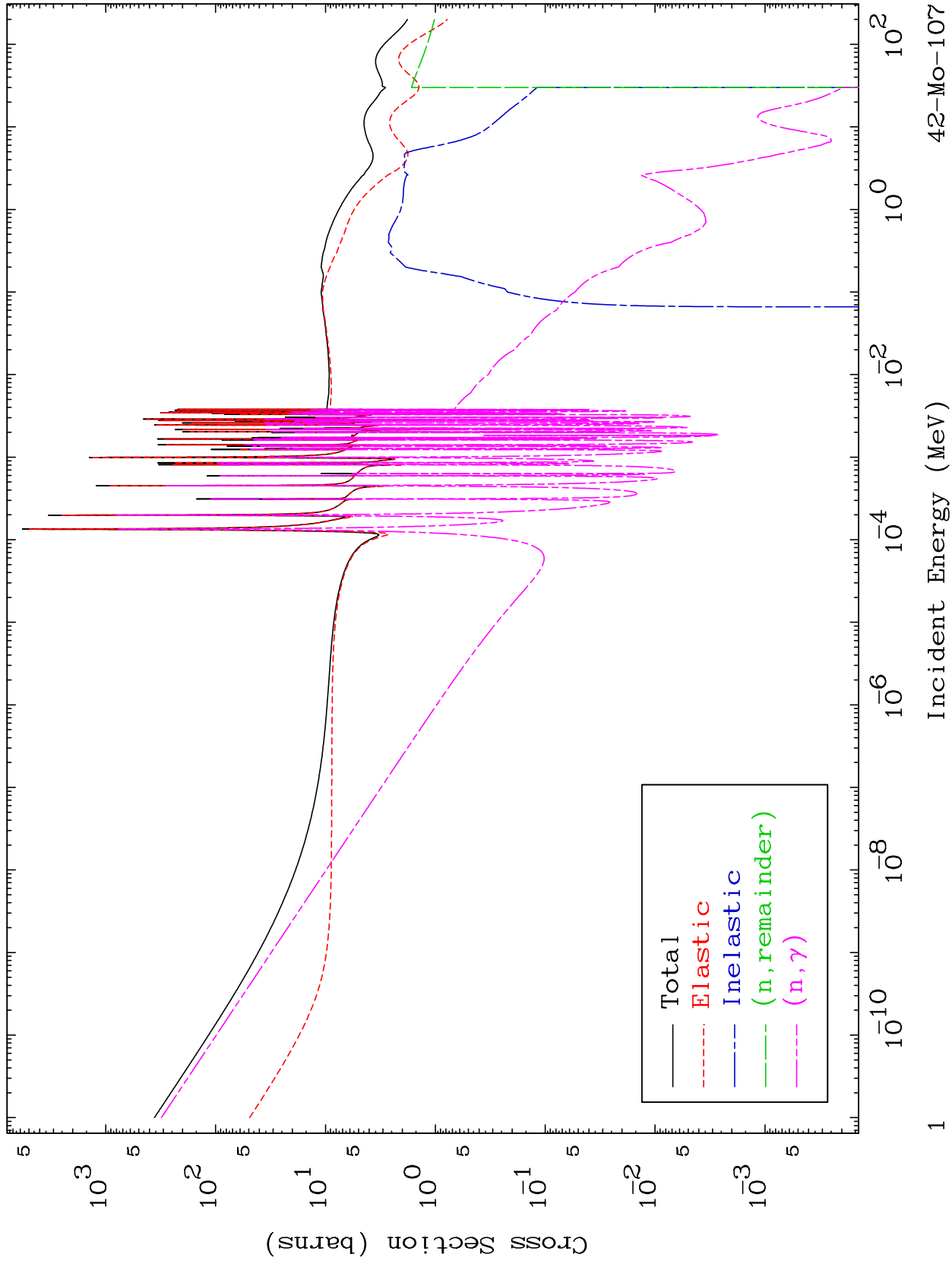
Press Mouse Button to Start

MAT 4270

Major

293 Kelvin Cross Sections

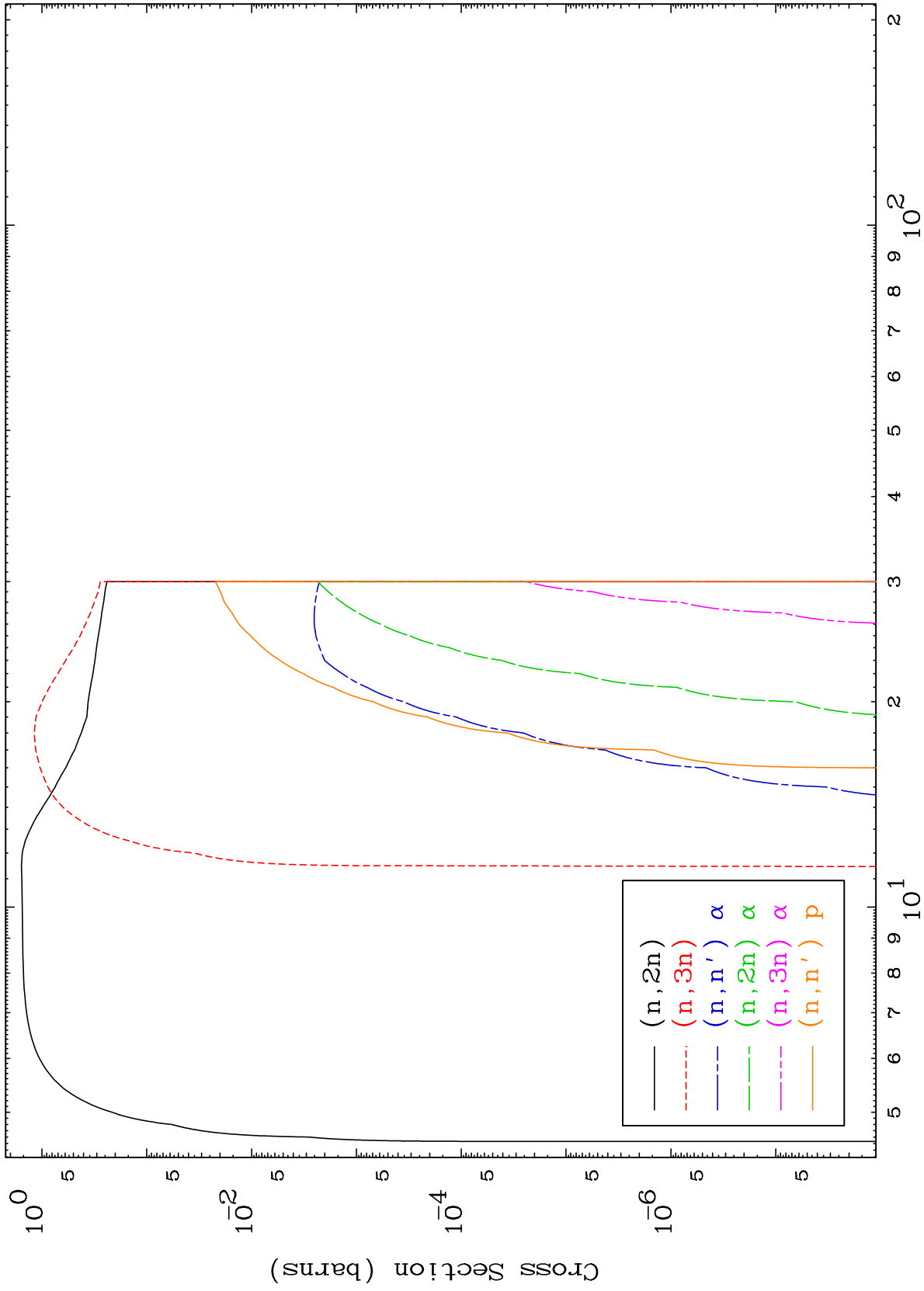
42-Mo-107



MAT 4270

Neutron Production  
293 Kelvin Cross Sections

42-Mo-107



2

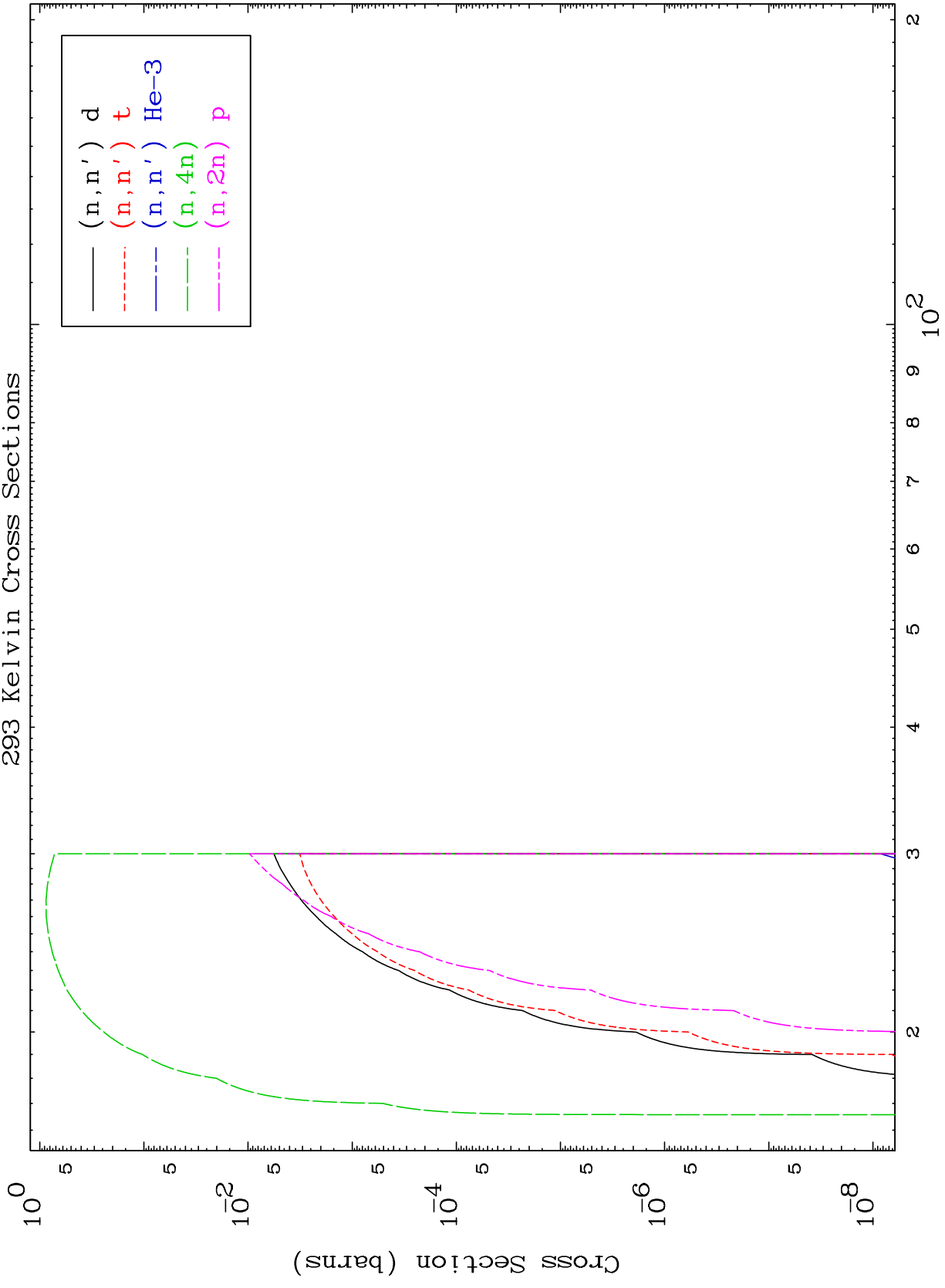
Incident Energy (MeV)

42-Mo-107

MAT 4270

Neutron Production  
293 Kelvin Cross Sections

42-Mo-107



3

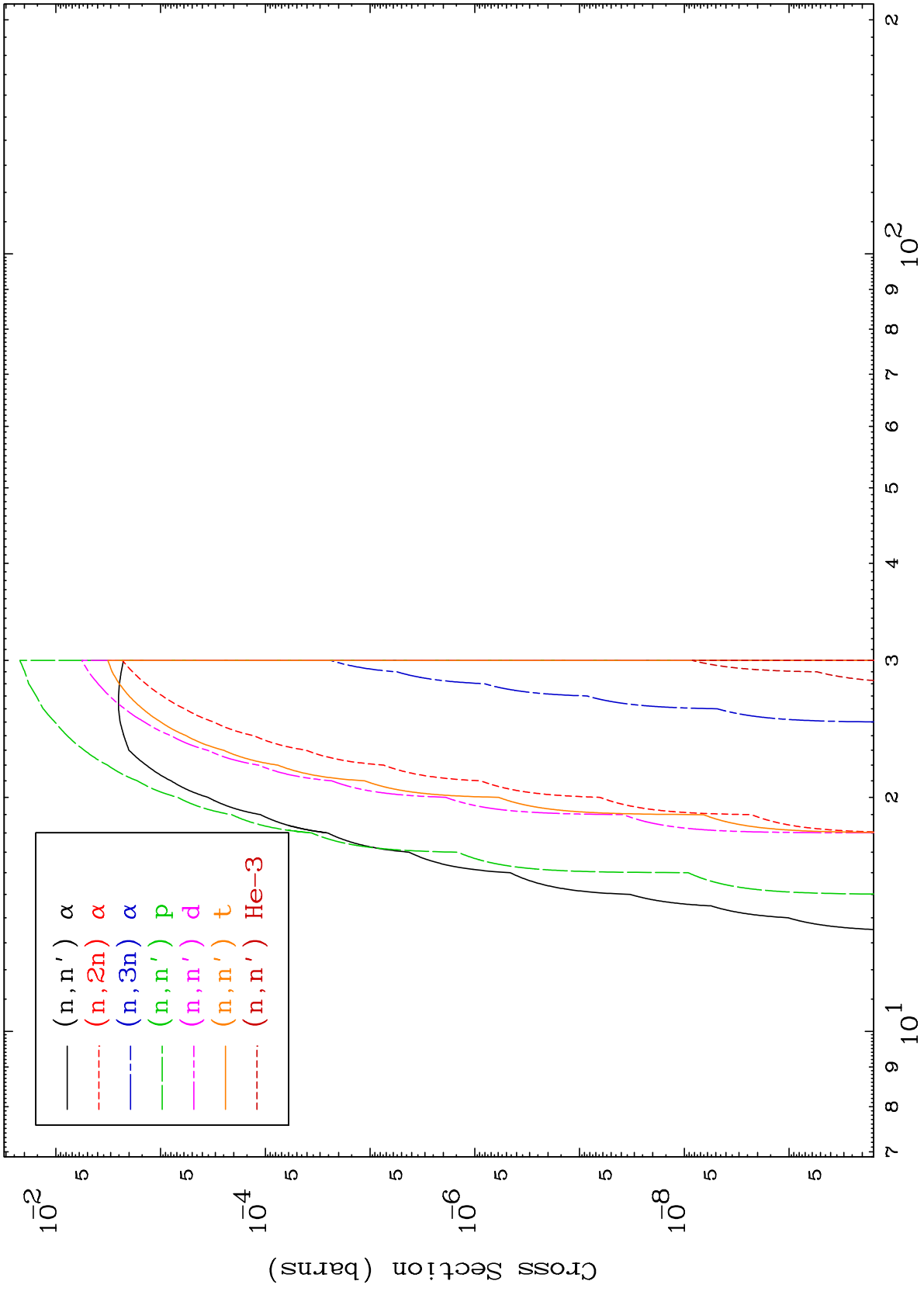
Incident Energy (MeV)

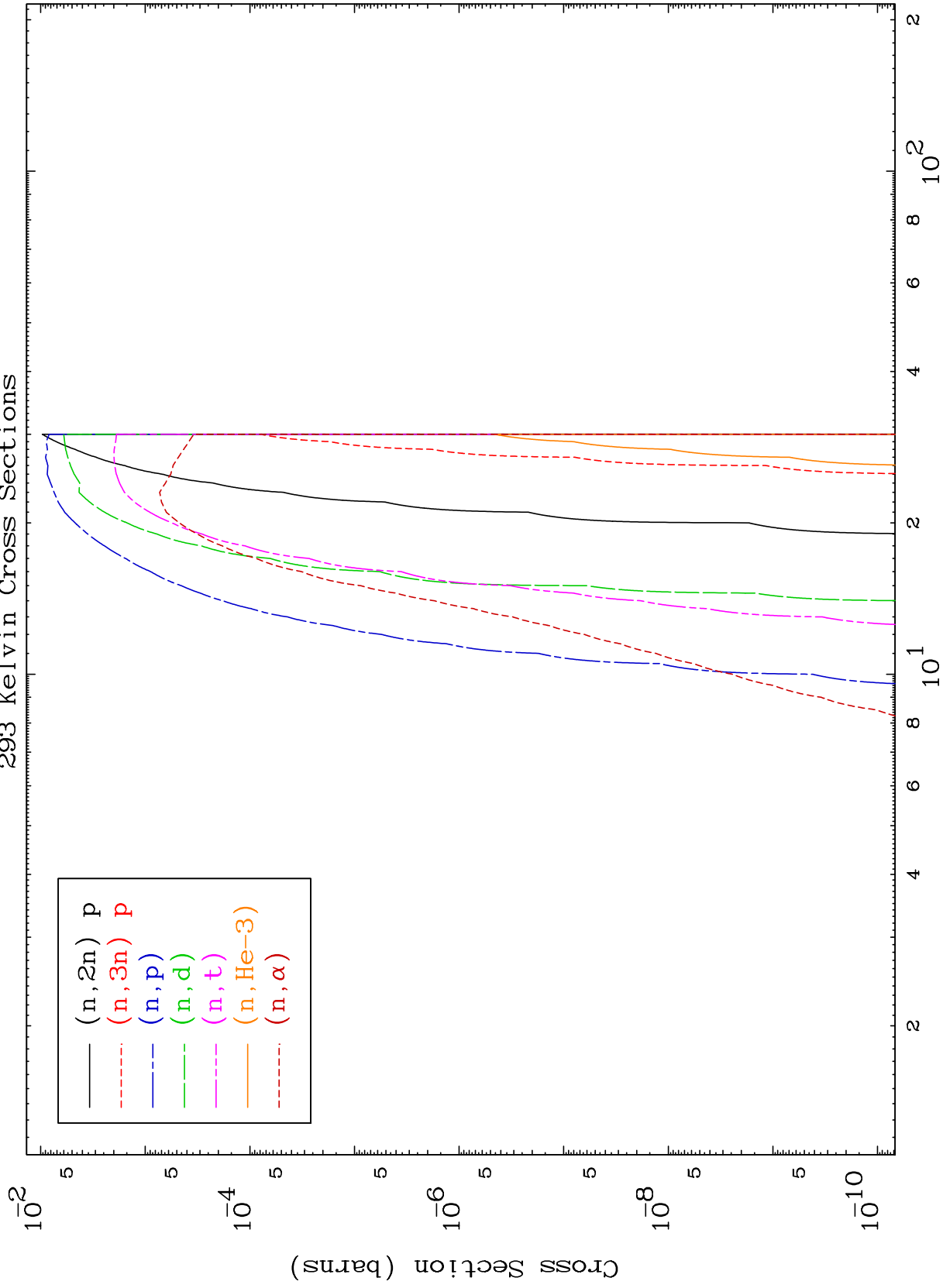
42-Mo-107

MAT 4270

Charged Particle  
293 Kelvin Cross Sections

42-Mo-107

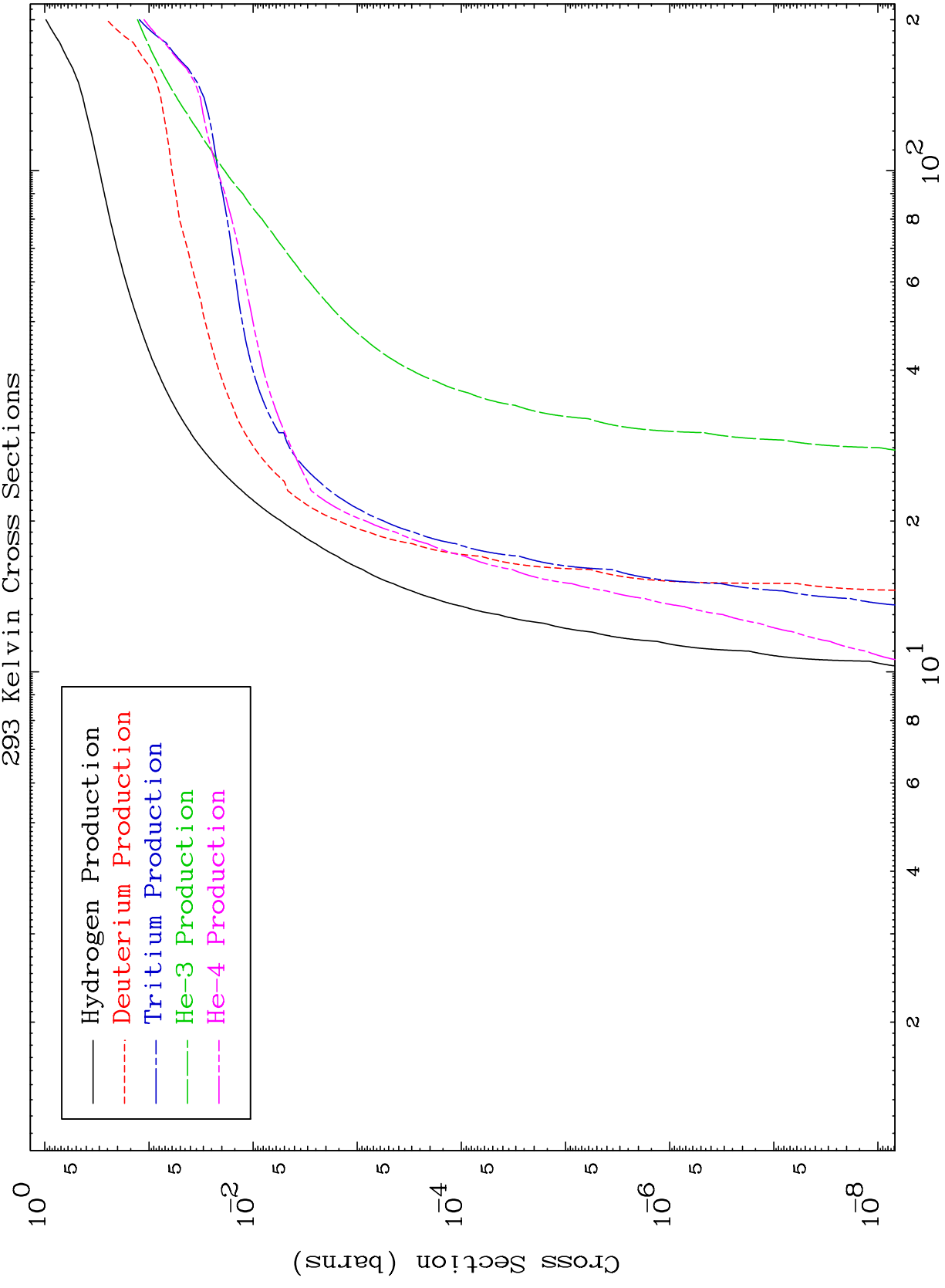




MAT 4270

Particle Production  
293 Kelvin Cross Sections

42-Mo-107



6

Incident Energy (MeV)

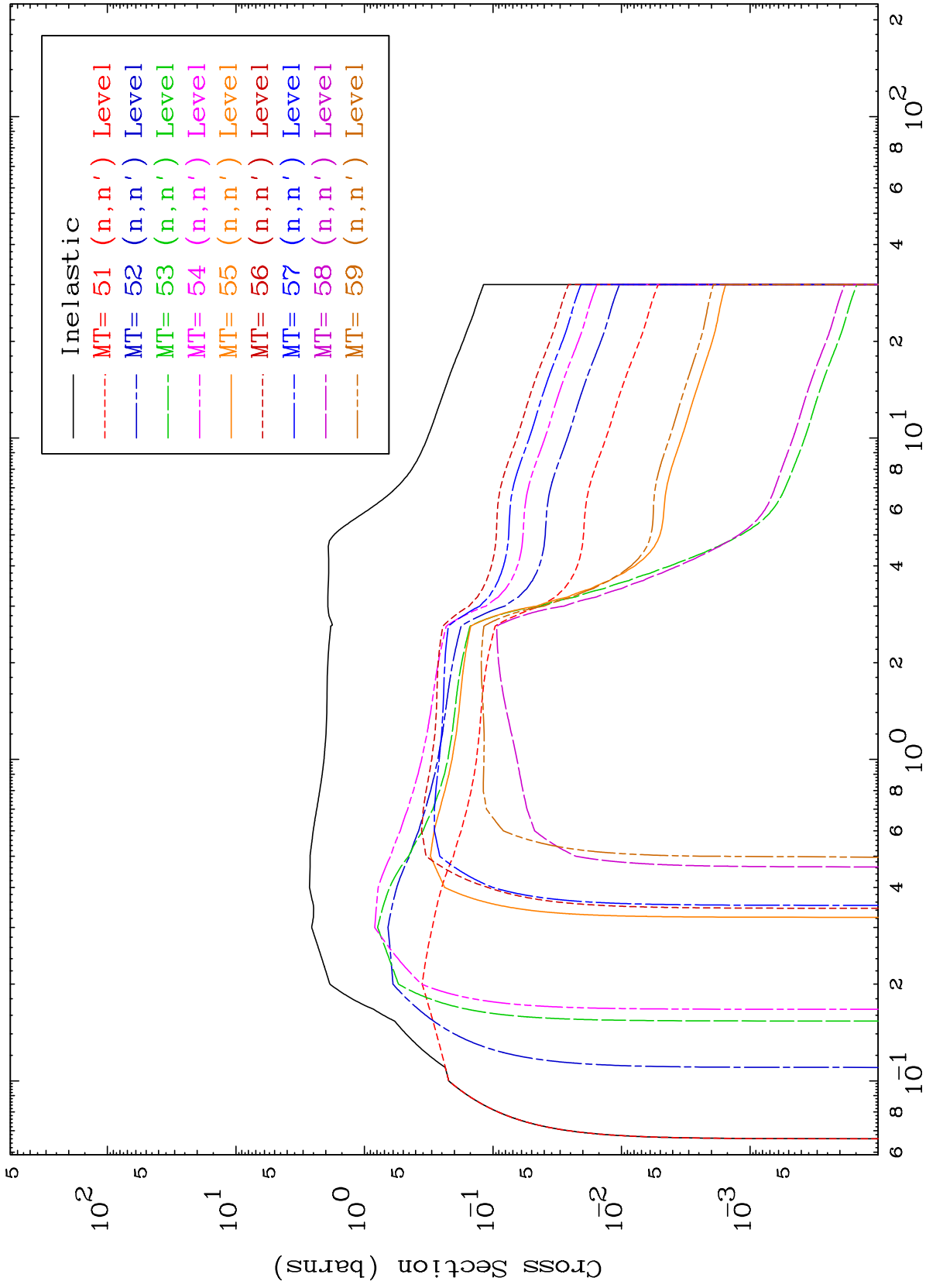
42-Mo-107

MAT 4270

(n,n') Level

42-Mo-107

293 Kelvin Cross Sections



7

Incident Energy (MeV)

42-Mo-107

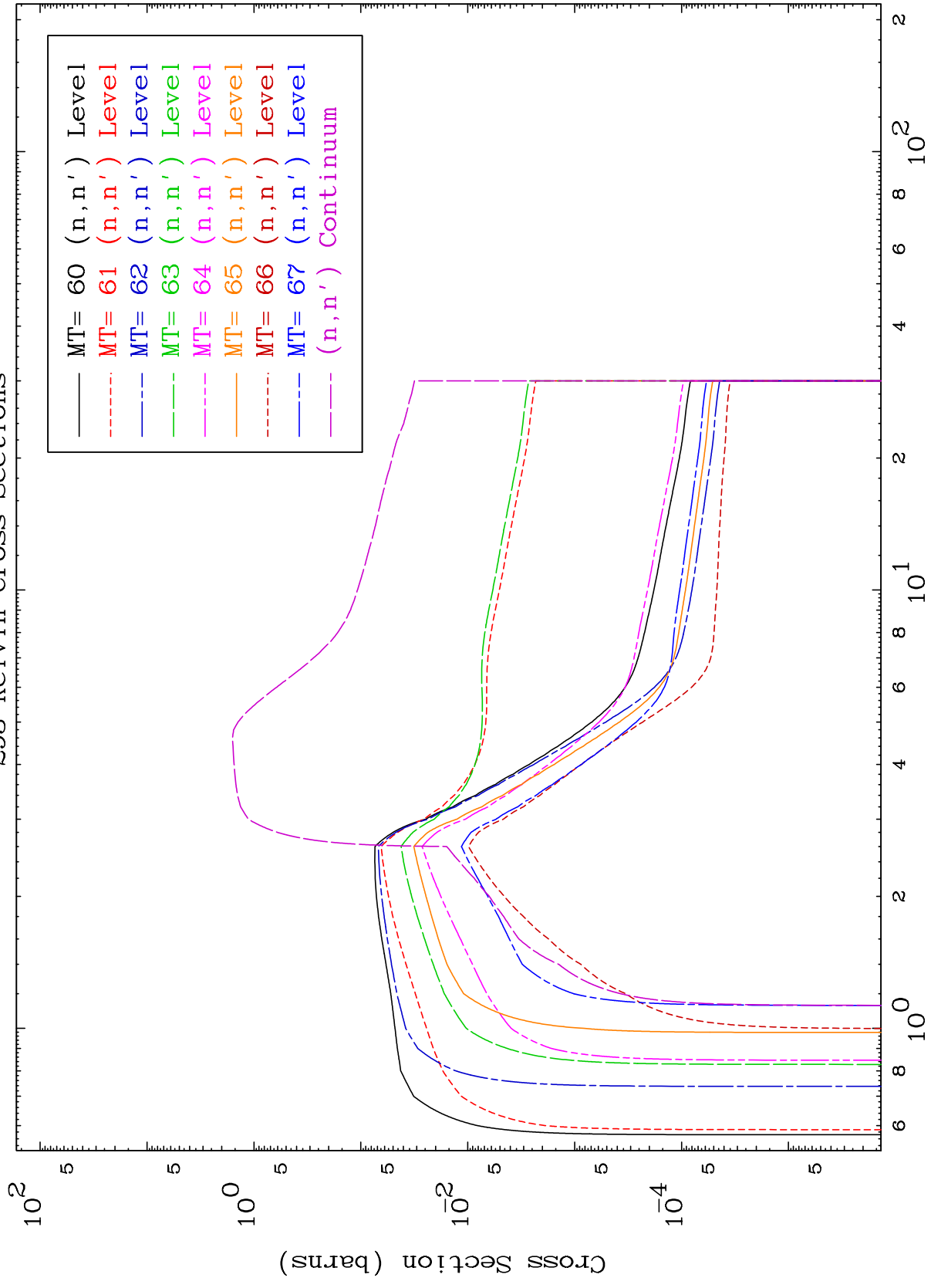


MAT 4270

(n,n') Level

42-Mo-107

293 Kelvin Cross Sections



8

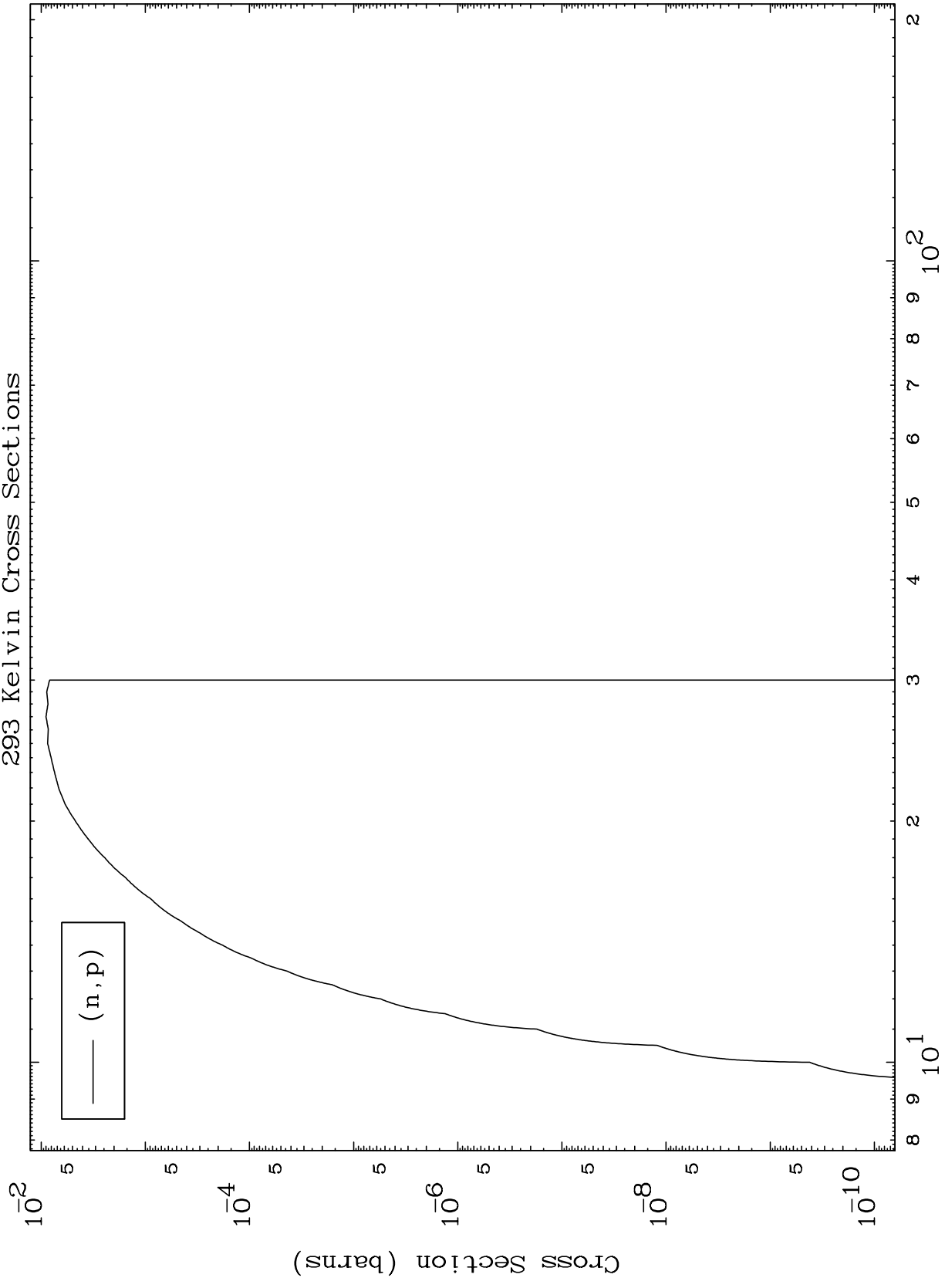
Incident Energy (MeV)

42-Mo-107

MAT 4270

(n,p) Levels  
293 Kelvin Cross Sections

42-Mo-107



9

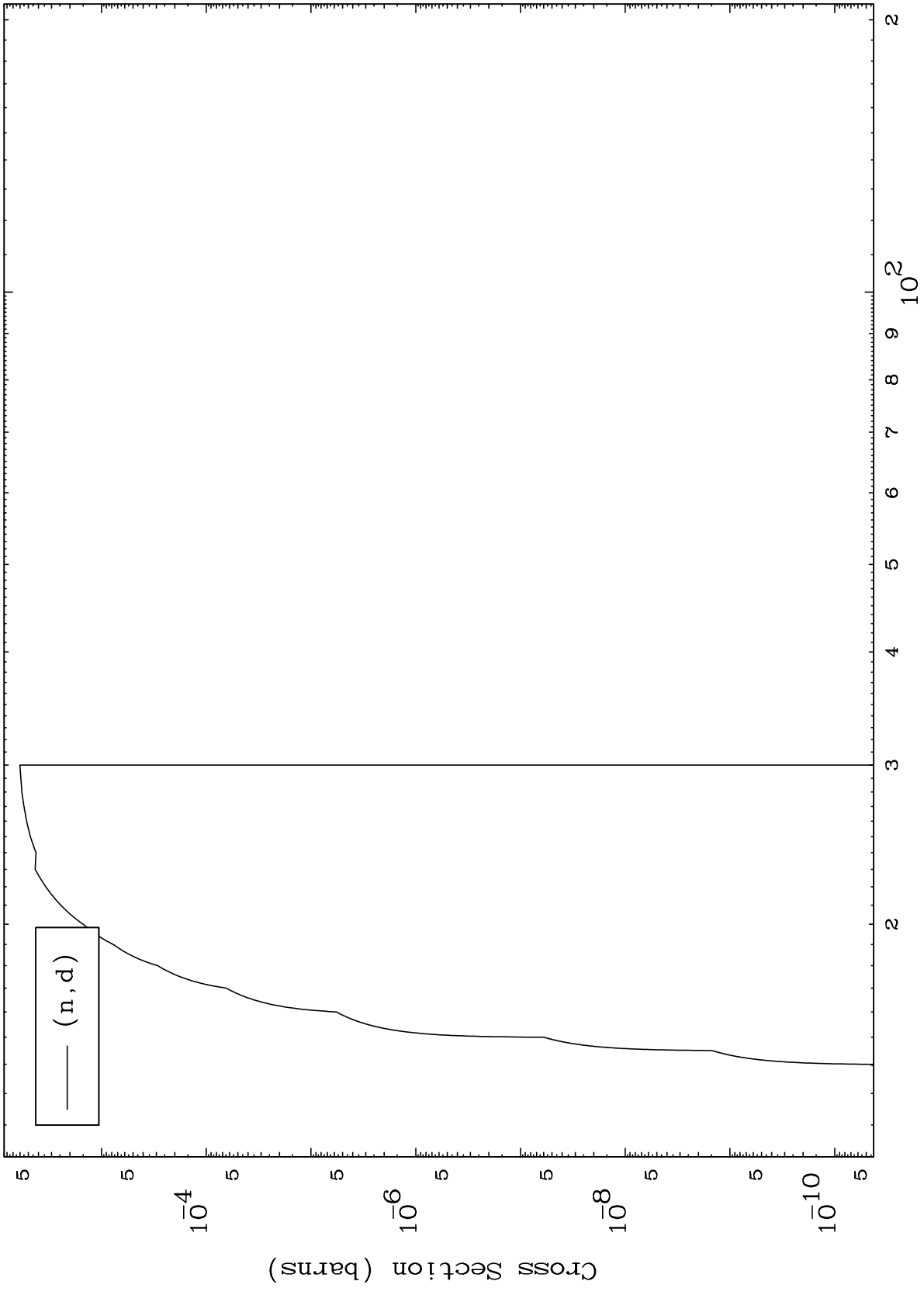
Incident Energy (MeV)

42-Mo-107

MAT 4270

(n,d) Levels  
293 Kelvin Cross Sections

42-Mo-107



10

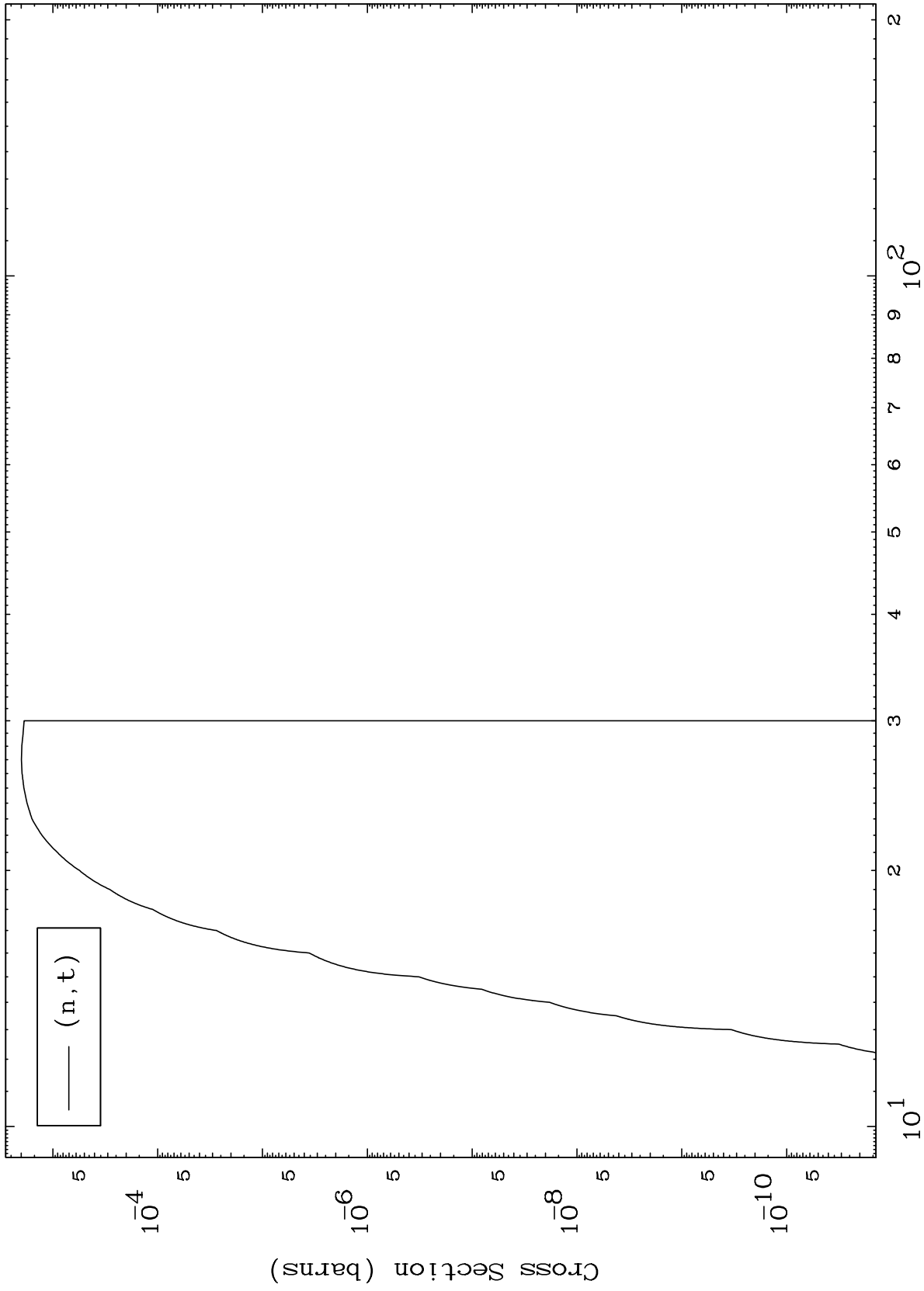
Incident Energy (MeV)

42-Mo-107

MAT 4270

(n,t) Levels  
293 Kelvin Cross Sections

42-Mo-107



11

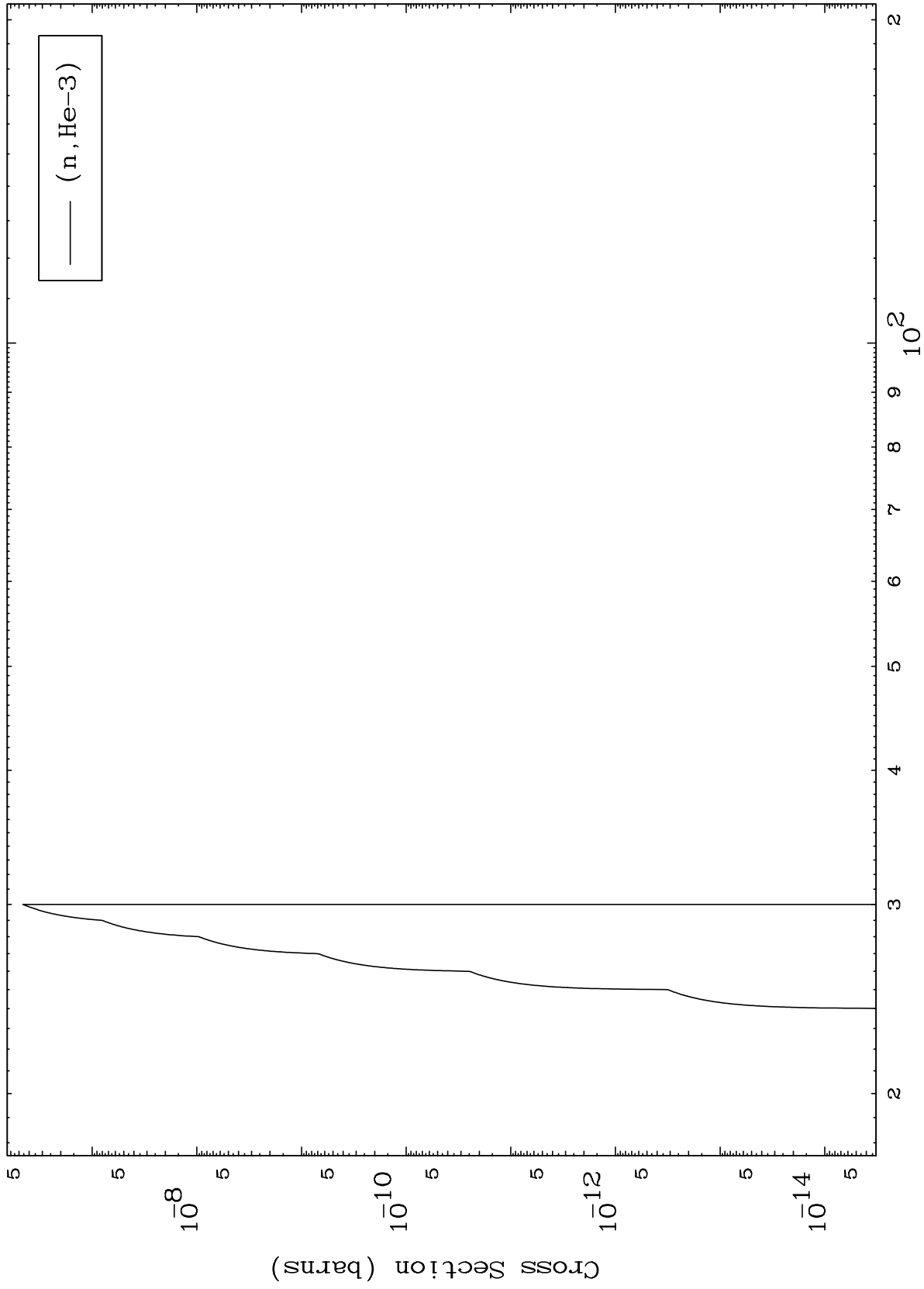
Incident Energy (MeV)

42-Mo-107

MAT 4270

(n,He3) Levels  
293 Kelvin Cross Sections

42-Mo-107



12

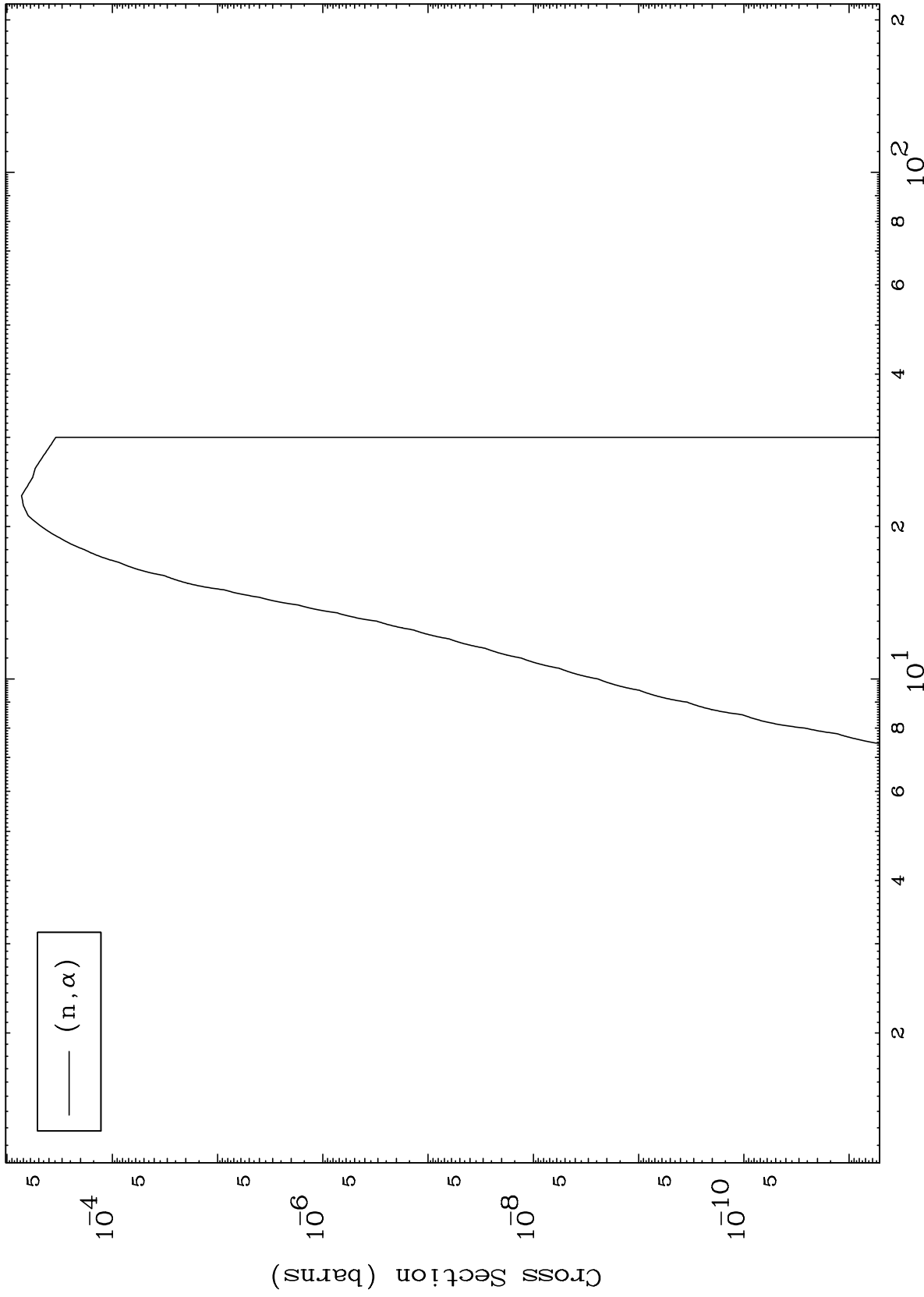
Incident Energy (MeV)

42-Mo-107

MAT 4270

(n,α) Levels  
293 Kelvin Cross Sections

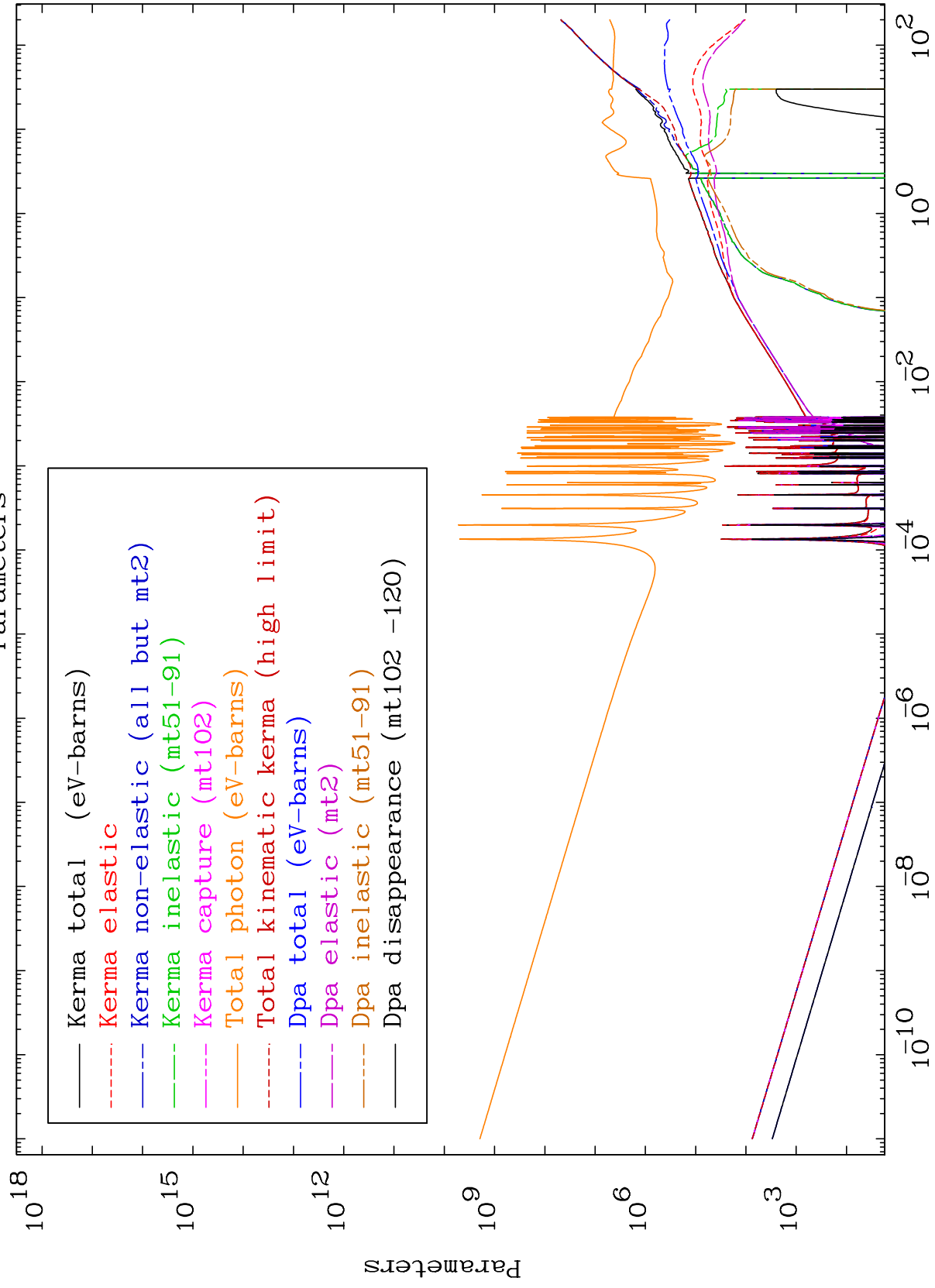
42-Mo-107



13

Incident Energy (MeV)

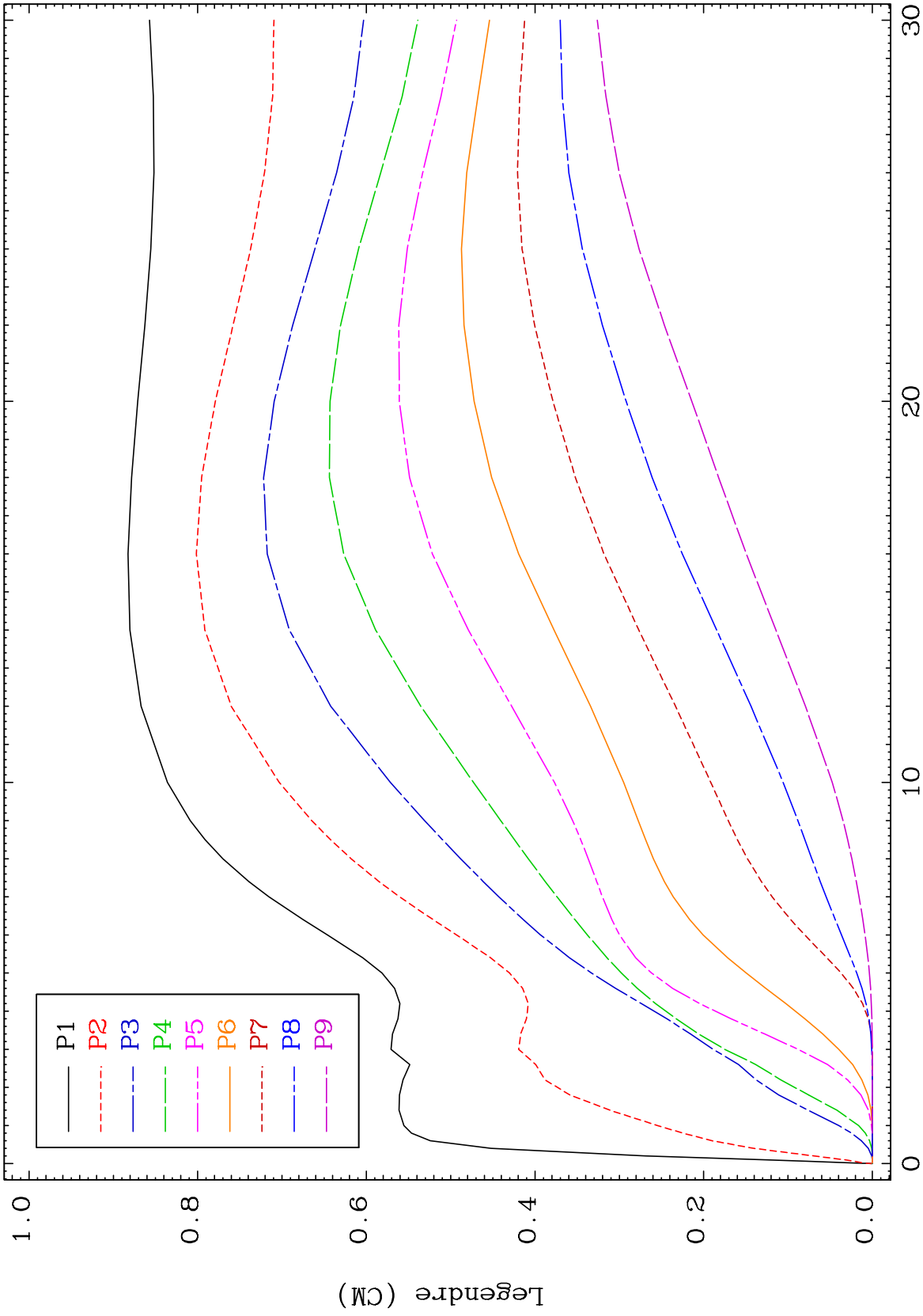
42-Mo-107



MAT 4270

Elastic Legendre Coefficients

42-Mo-107



15

10

20

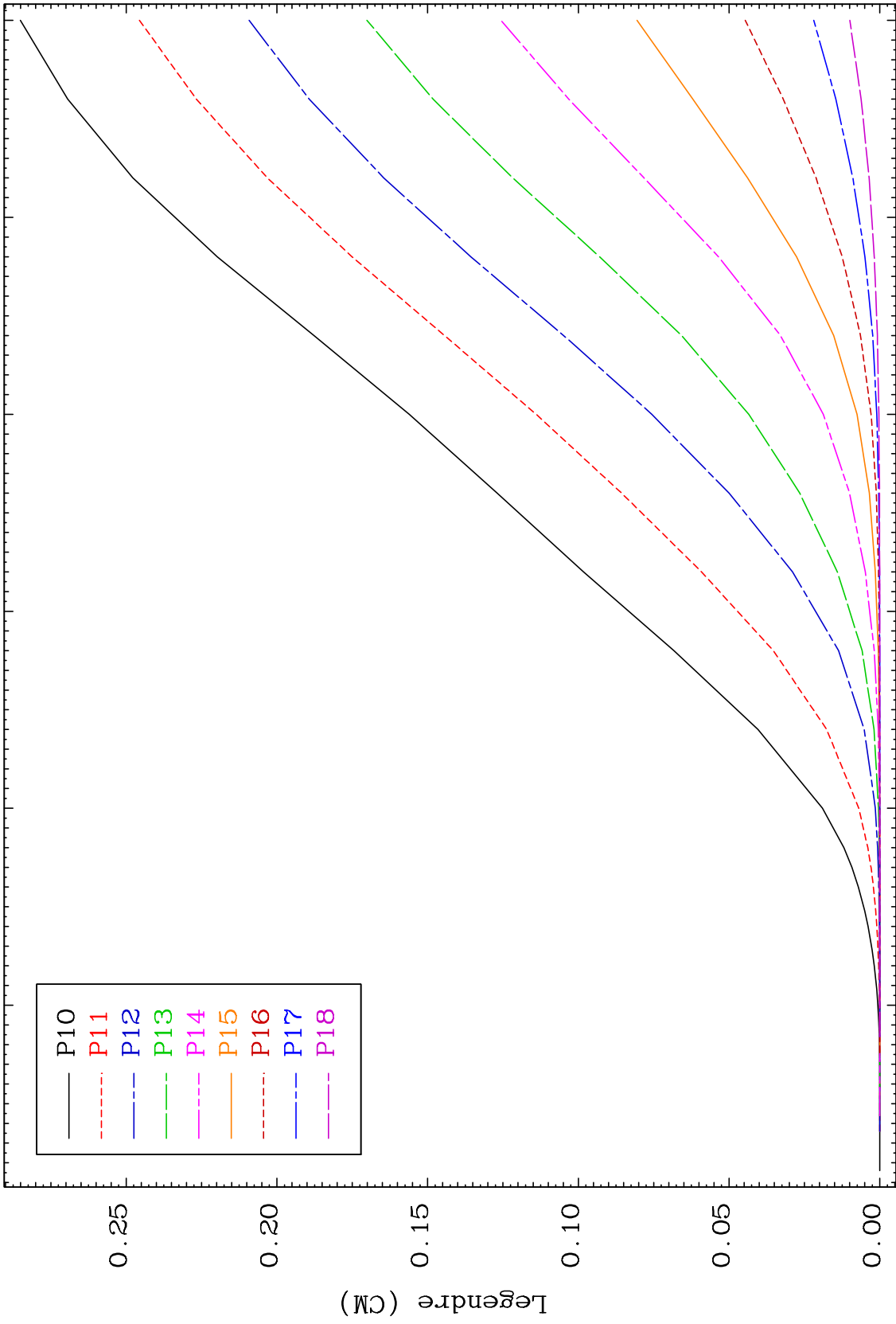
30



MAT 4270

Elastic Legendre Coefficients

42-Mo-107



16

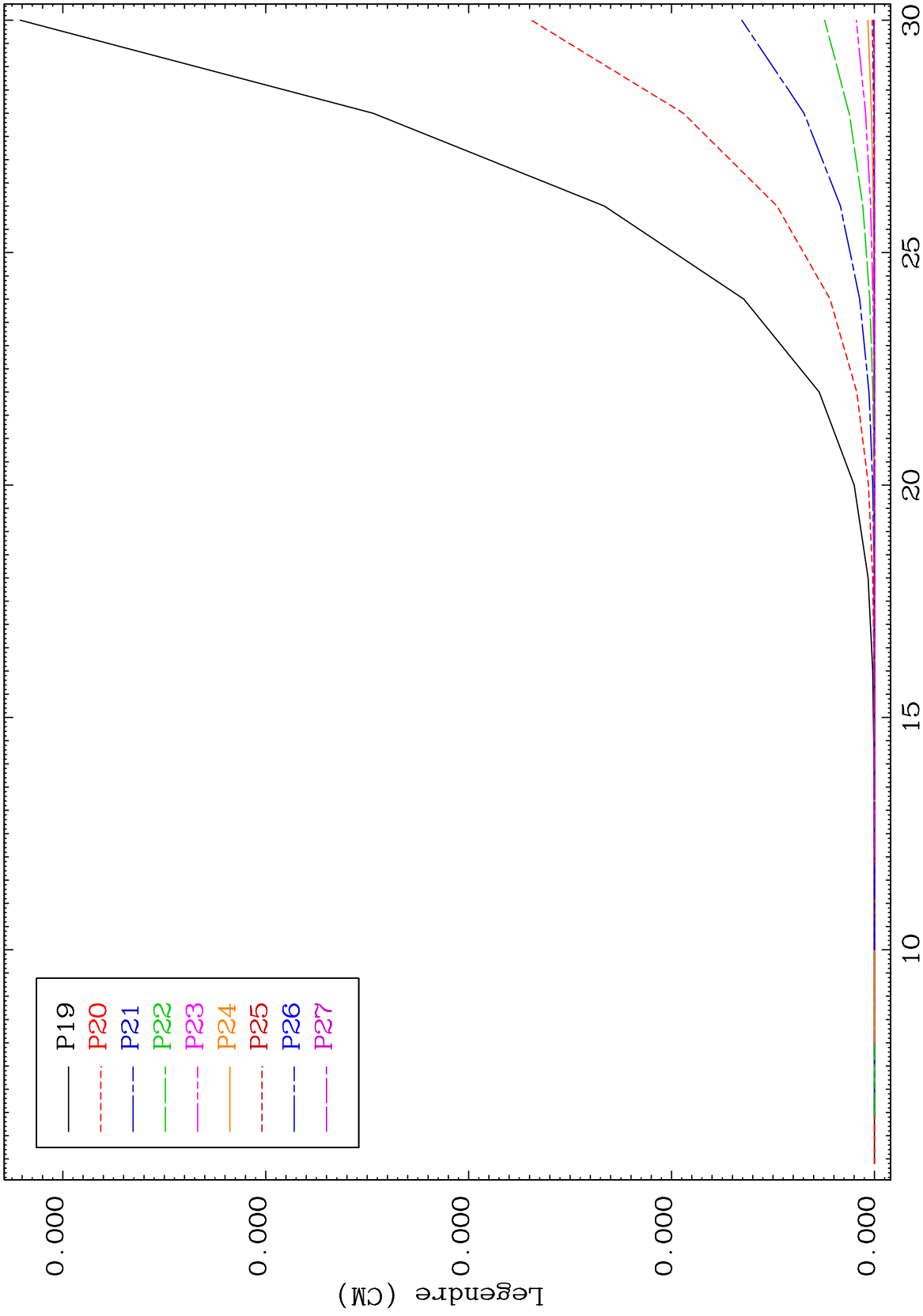
Incident Energy (MeV)

42-Mo-107

MAT 4270

Elastic Legendre Coefficients

42-Mo-107

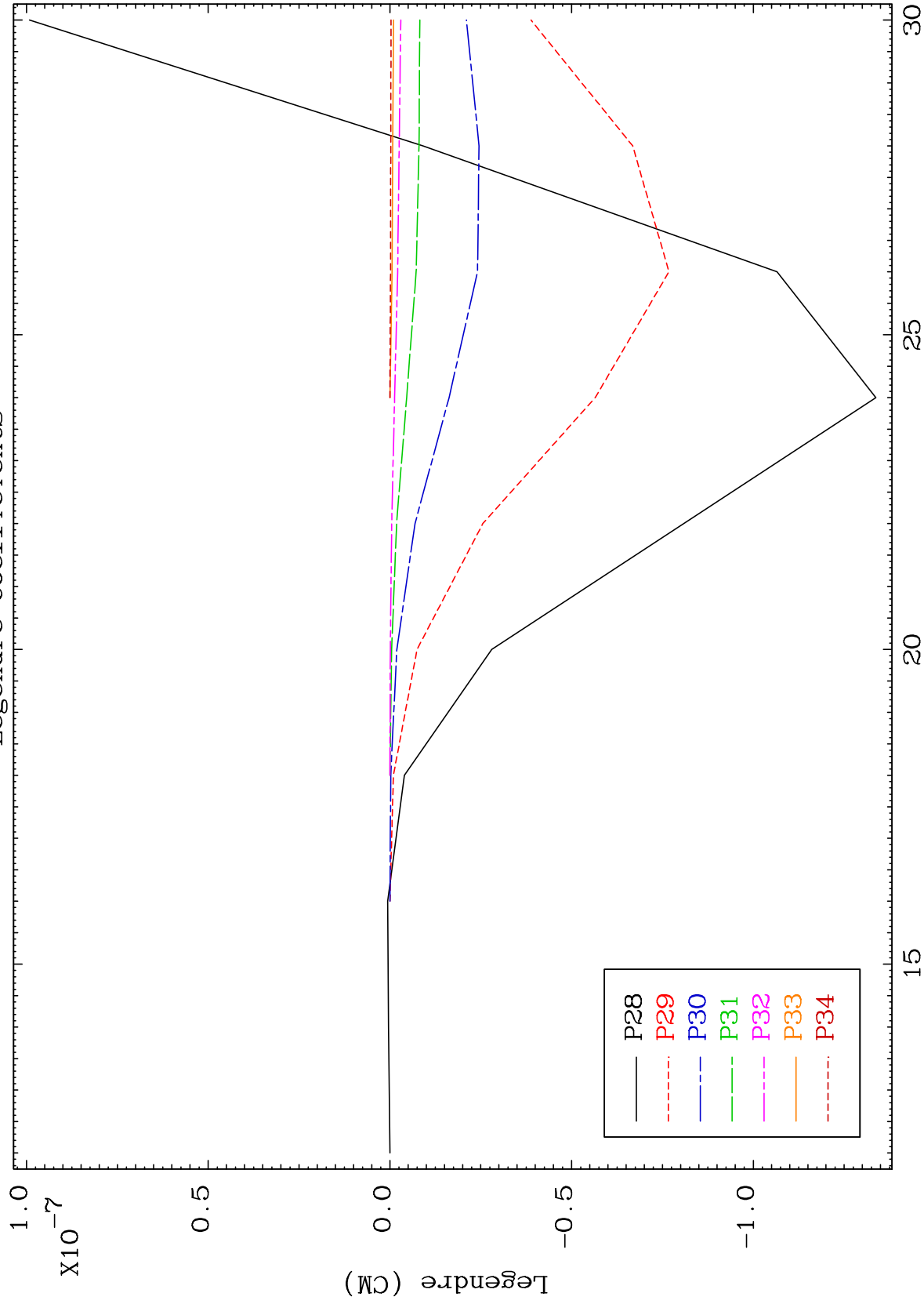


17

MAT 4270

Elastic Legendre Coefficients

42-Mo-107



18

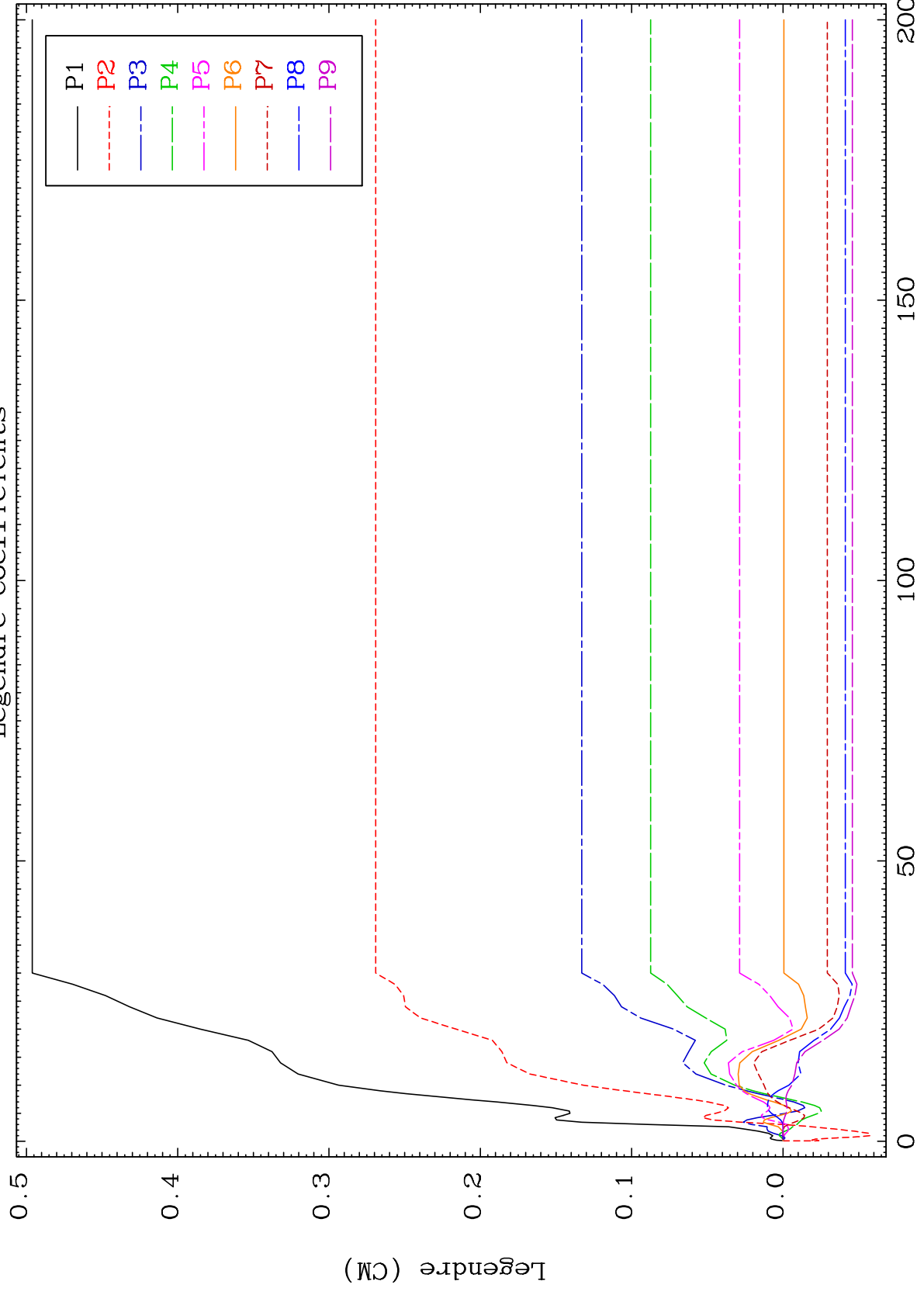
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



42-Mo-107

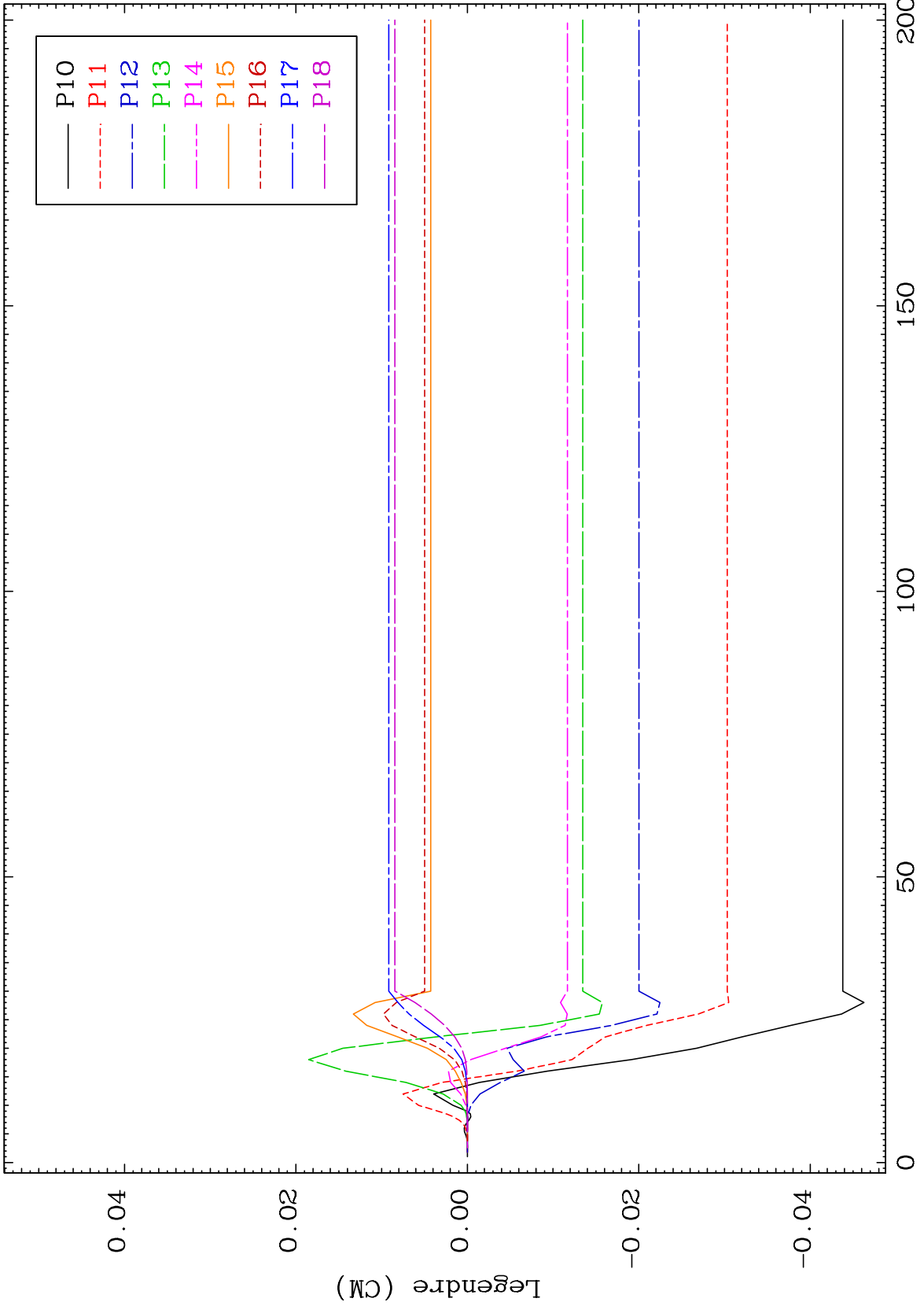
Incident Energy (MeV)

19

MAT 4270

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

42-Mo-107



0

50

100

150

200

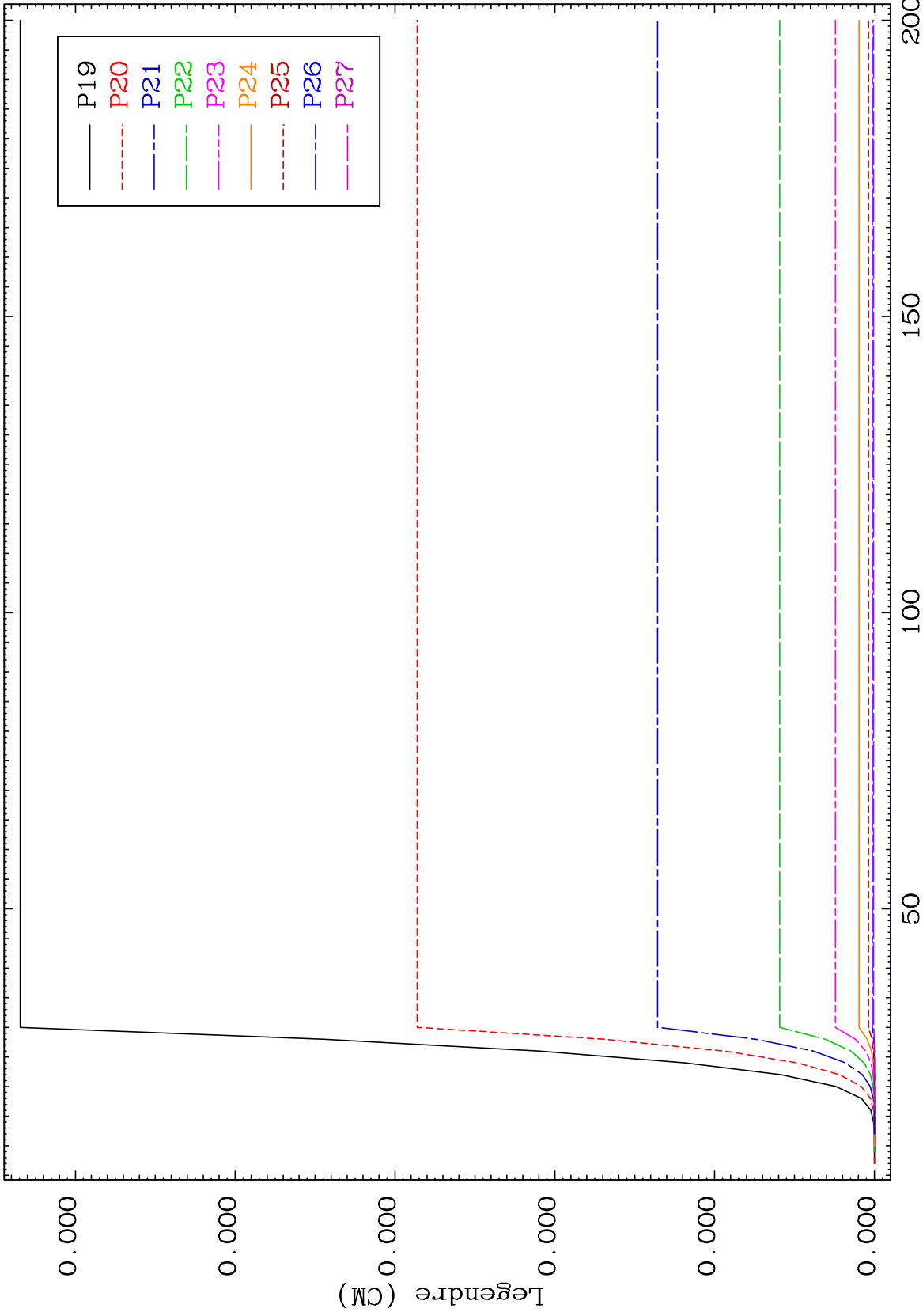
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



21

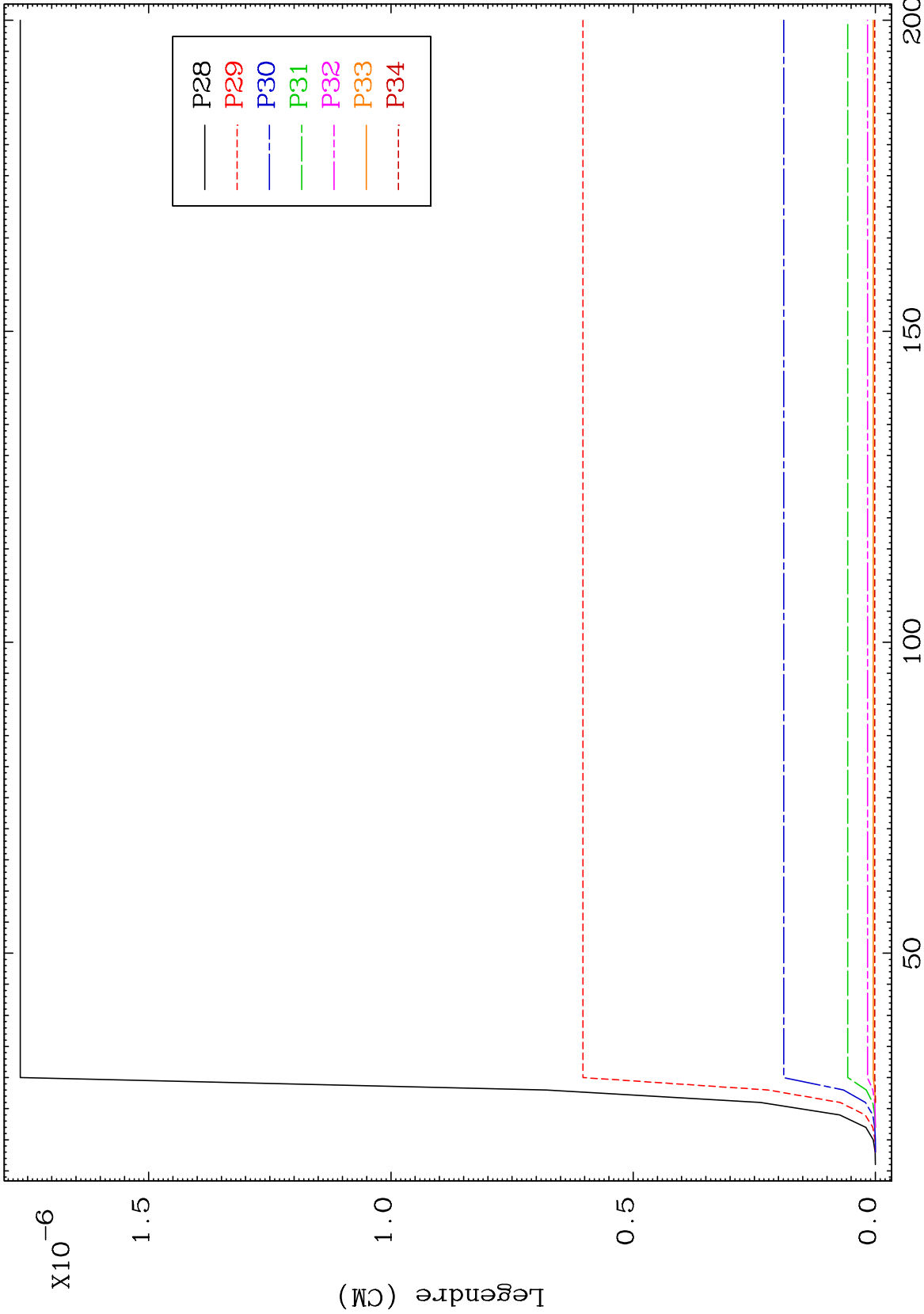
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107

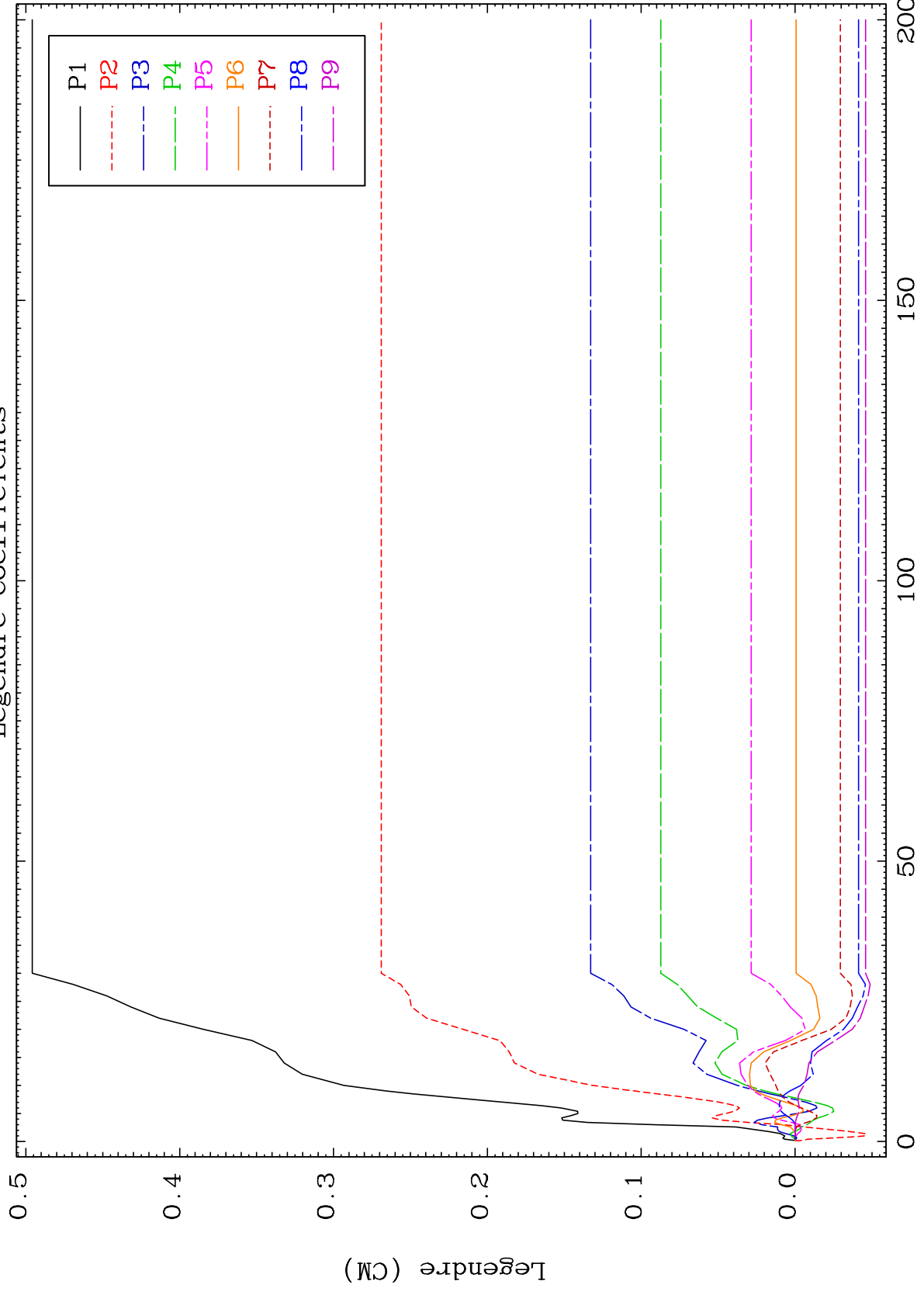


22

Incident Energy (MeV)

42-Mo-107

MAT 4270 MT= 52 (n,n') Level Legendre Coefficients 42-Mo-107



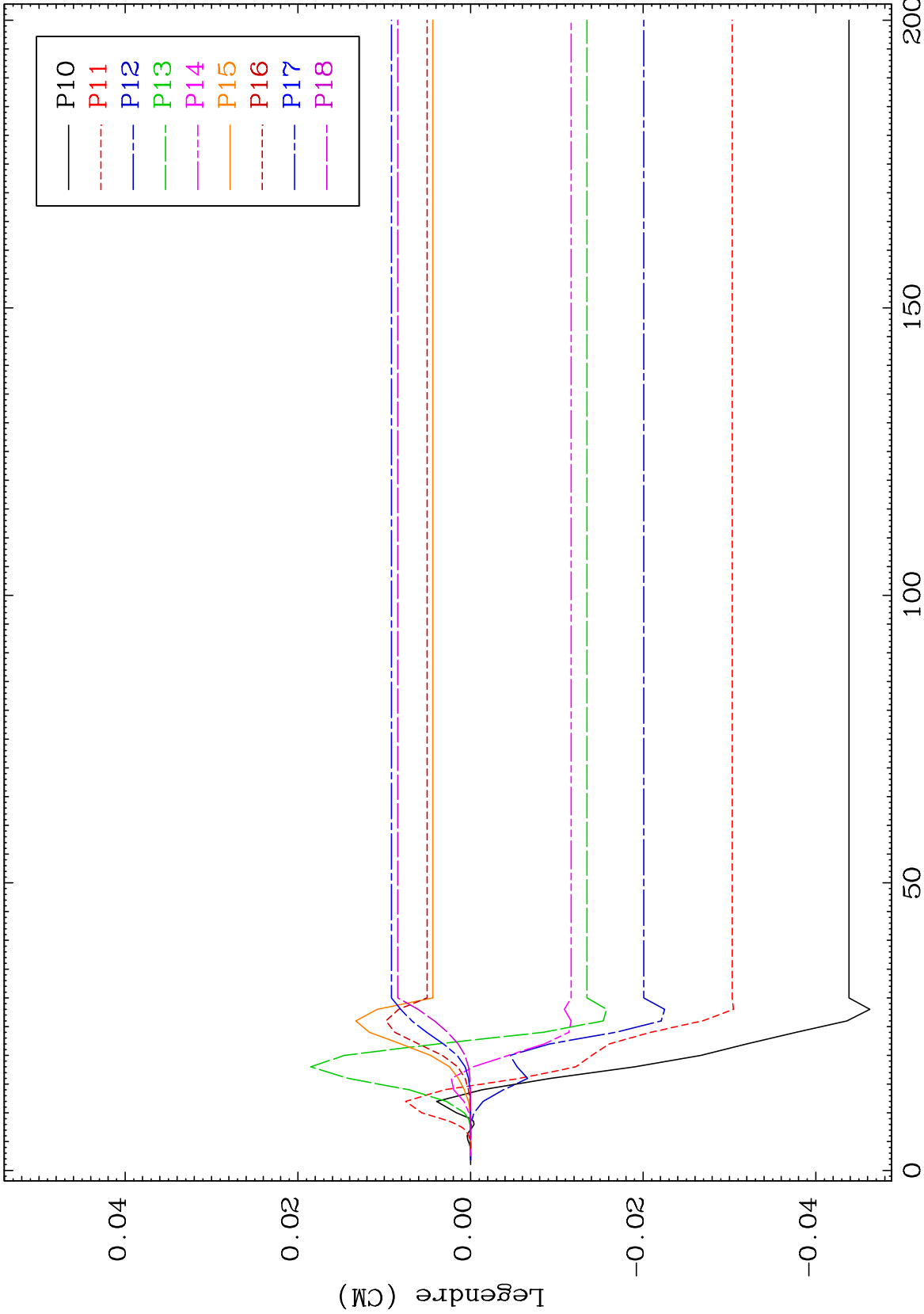
42-Mo-107 23



MAT 4270

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

42-Mo-107



24

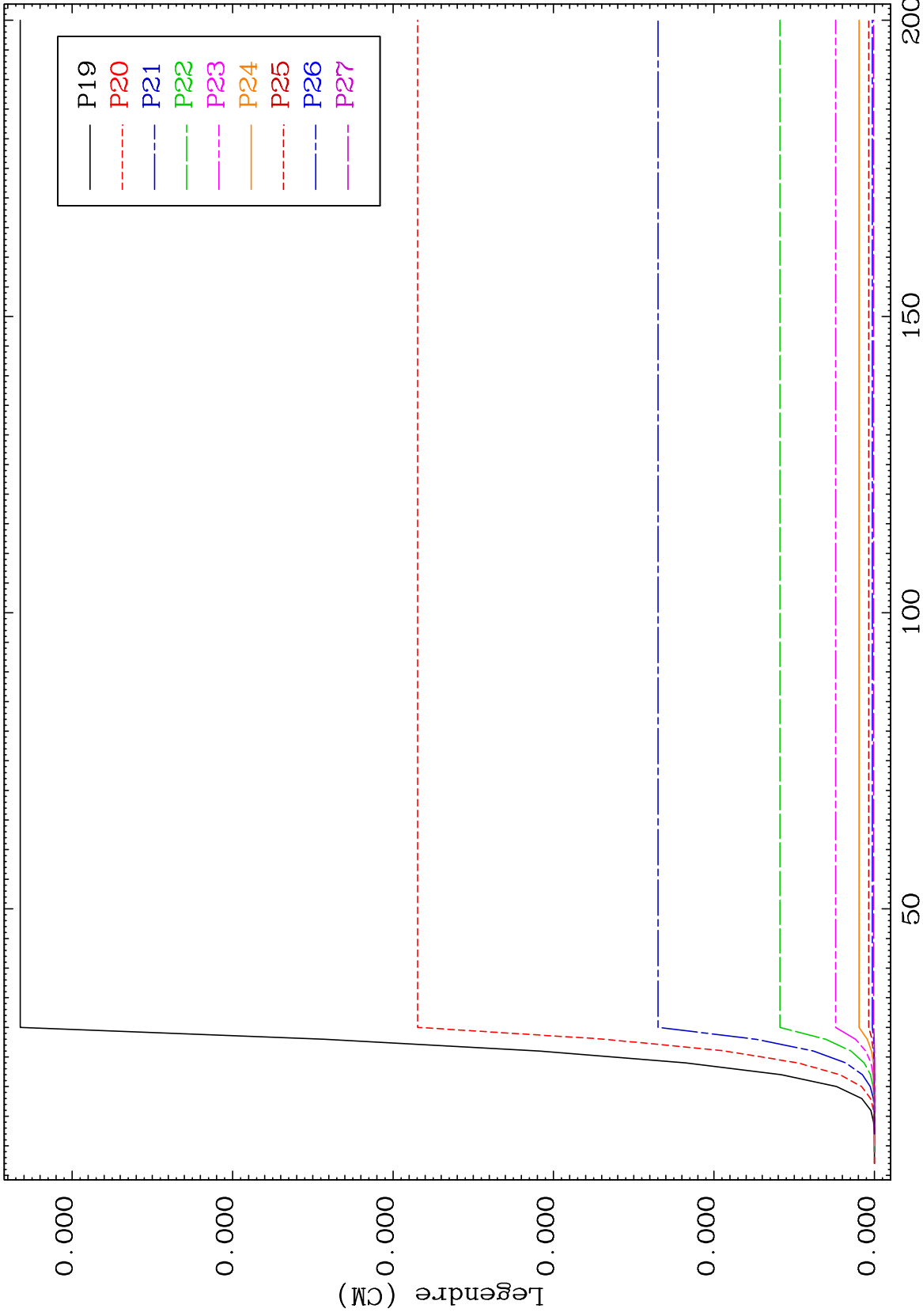
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



25

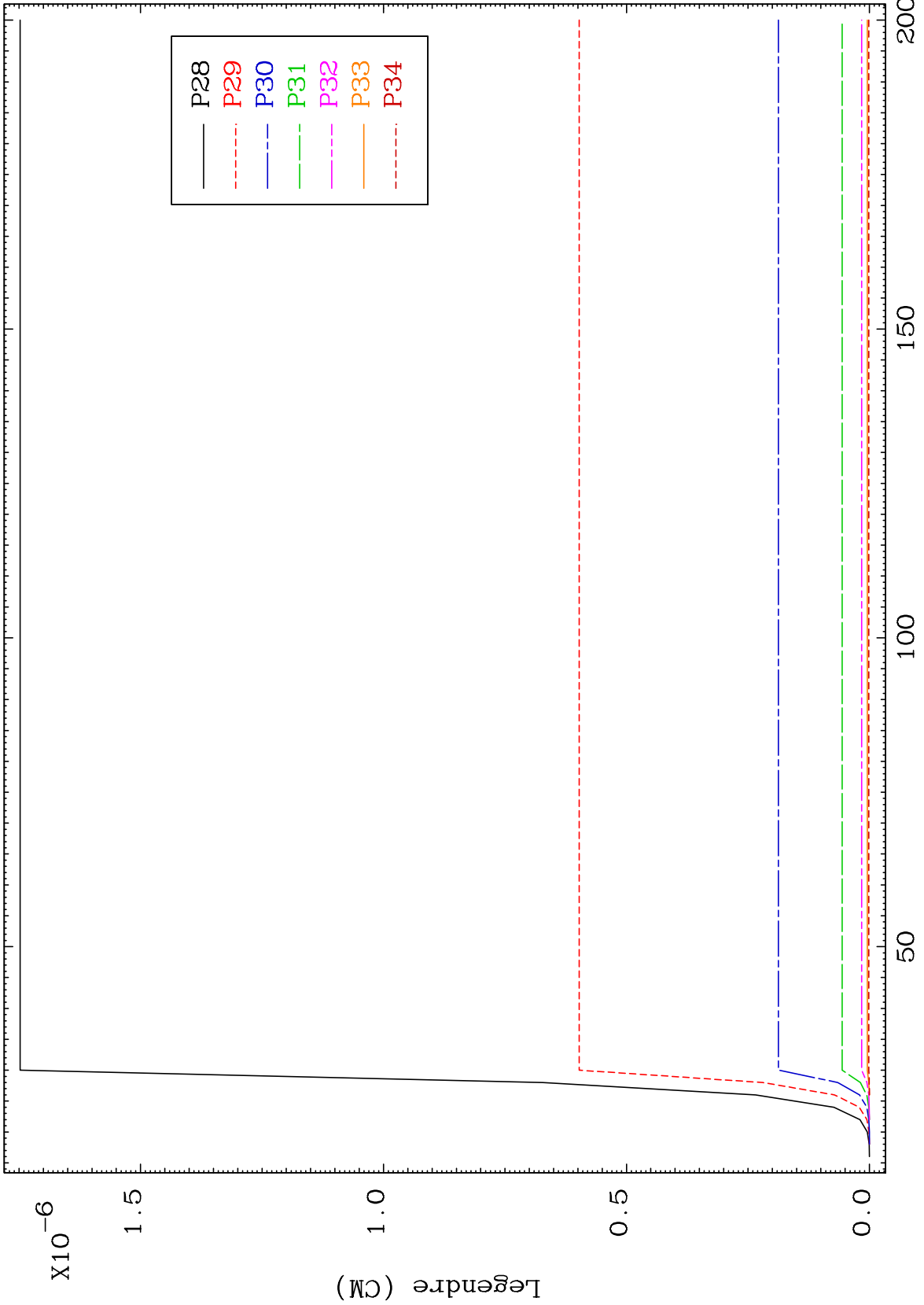
Incident Energy (MeV)

42-Mo-107

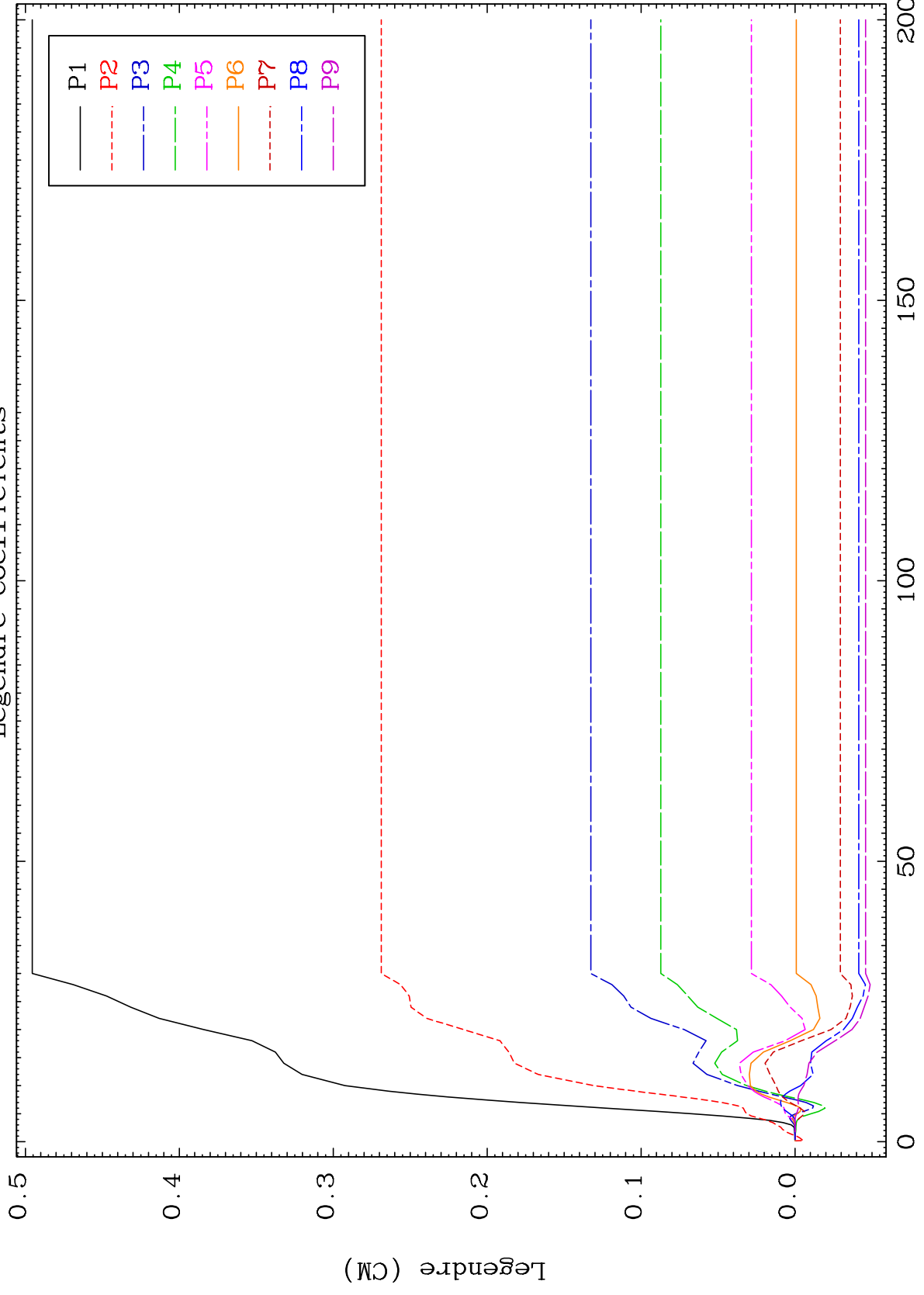
MAT 4270

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

42-Mo-107



MAT 4270 MT= 53 (n,n') Level Legendre Coefficients 42-Mo-107

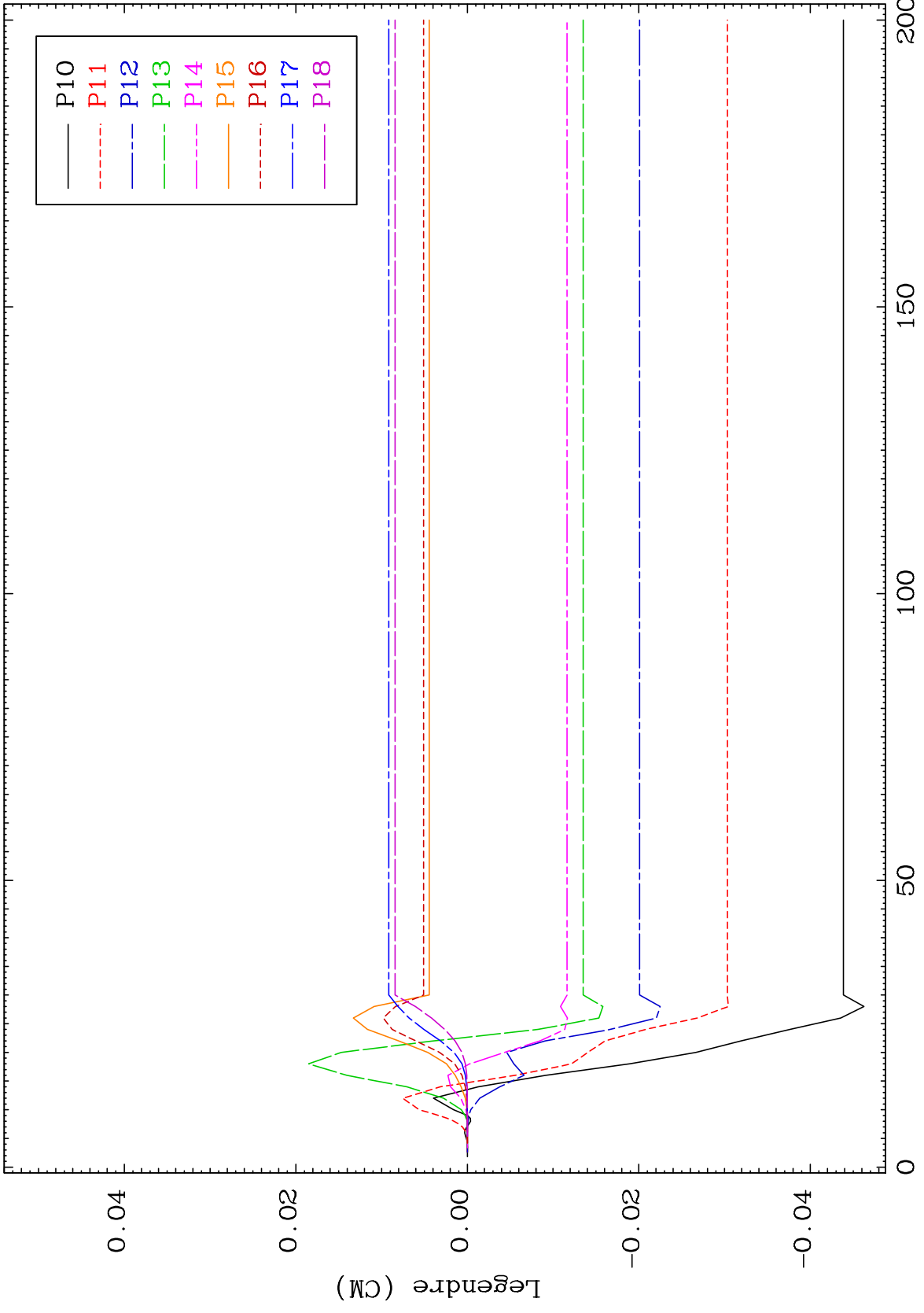


27 Incident Energy (MeV) 42-Mo-107

MAT 4270

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

42-Mo-107



28

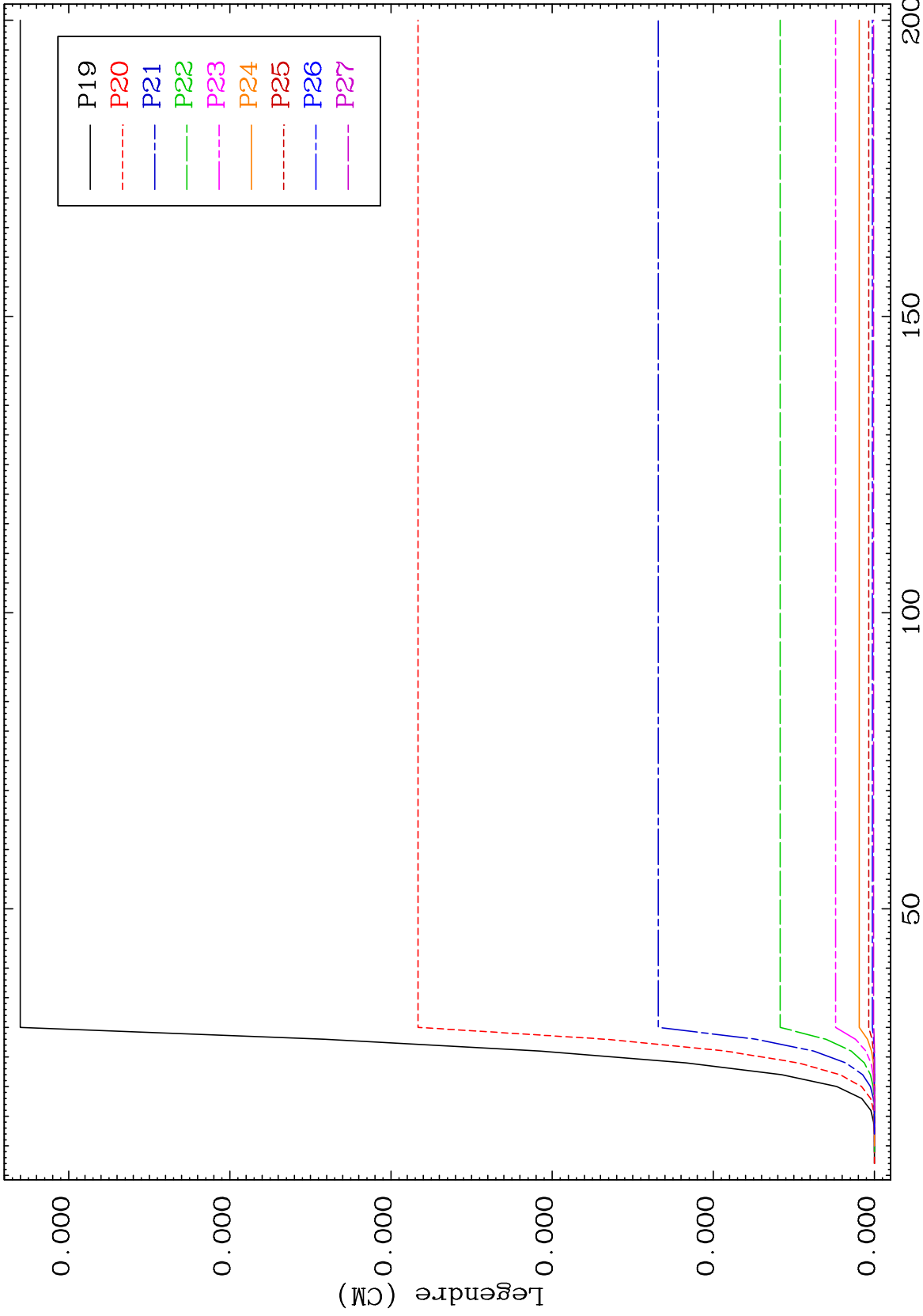
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



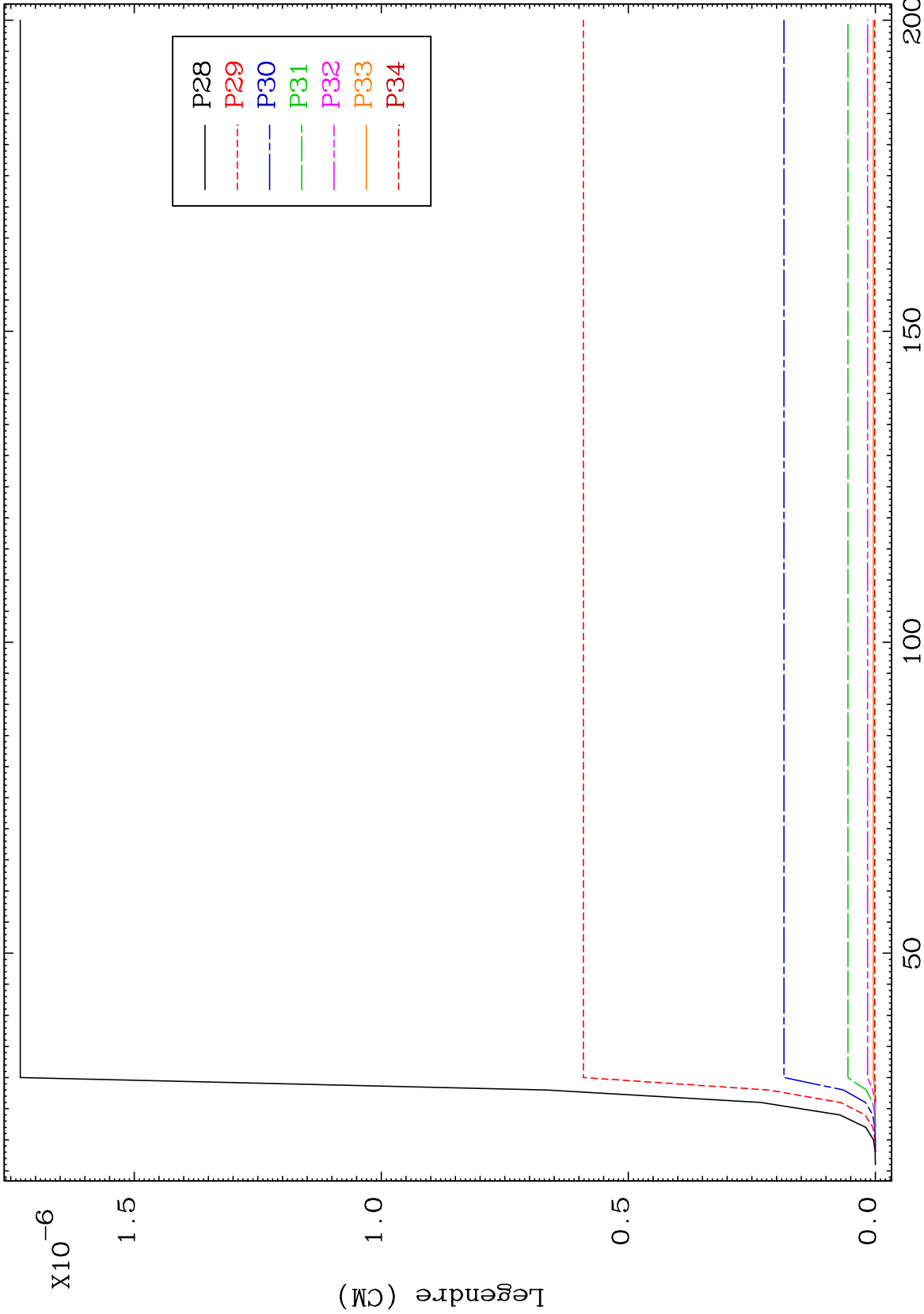
29

42-Mo-107

MAT 4270

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

42-Mo-107

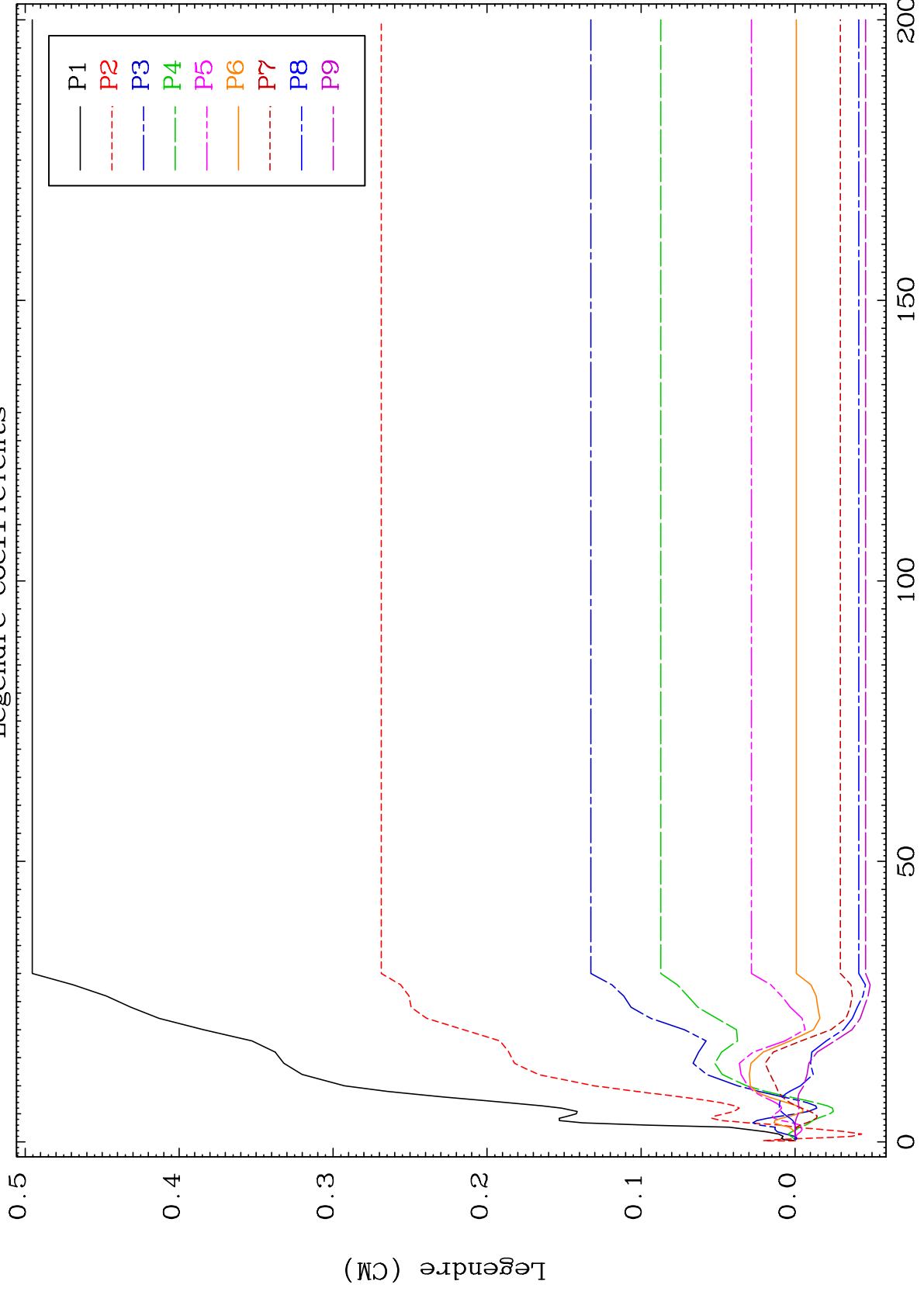


30

Incident Energy (MeV)

42-Mo-107

MAT 4270 MT= 54 (n,n') Level Legendre Coefficients 42-Mo-107



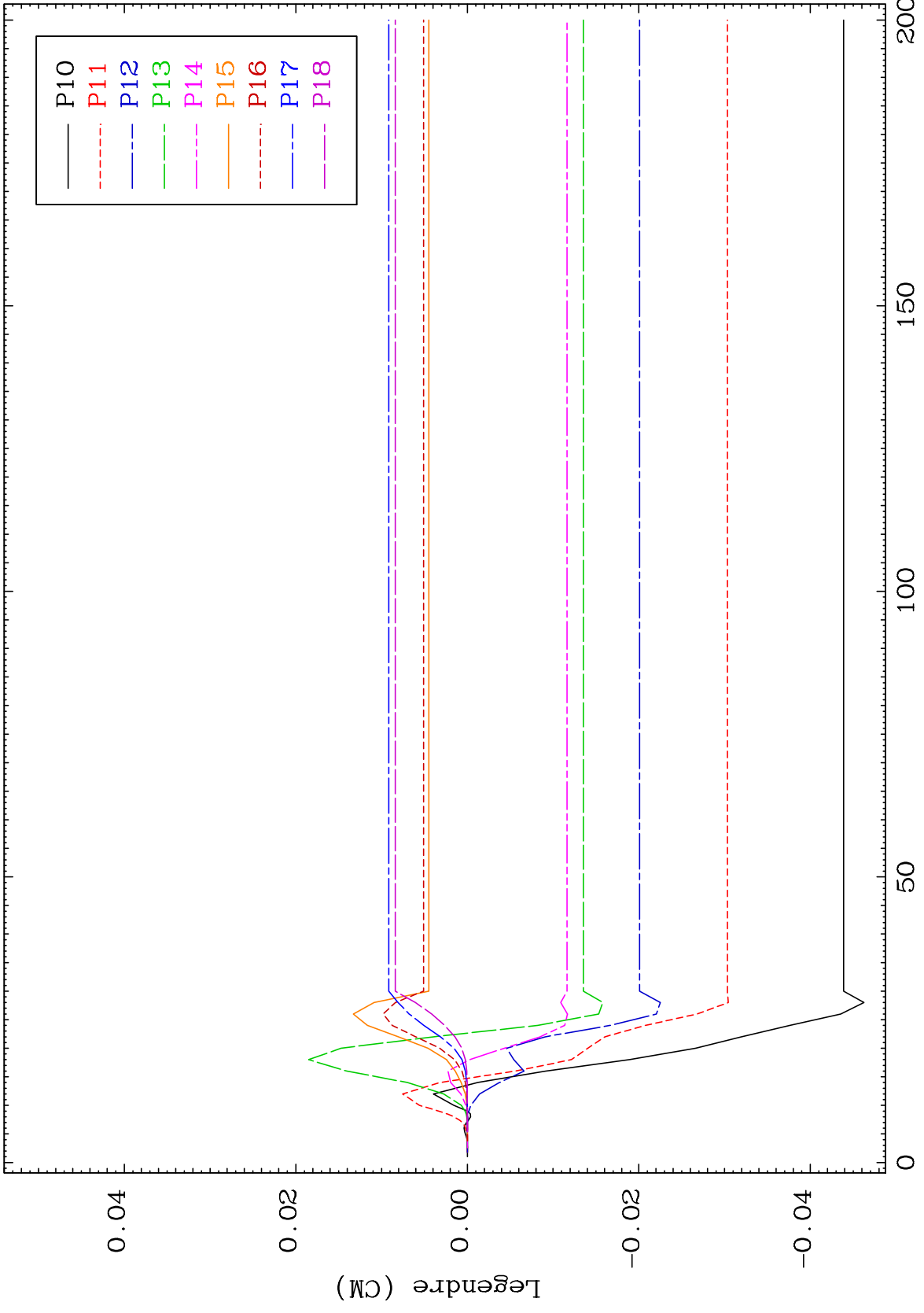
31 42-Mo-107



MAT 4270

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

42-Mo-107



32

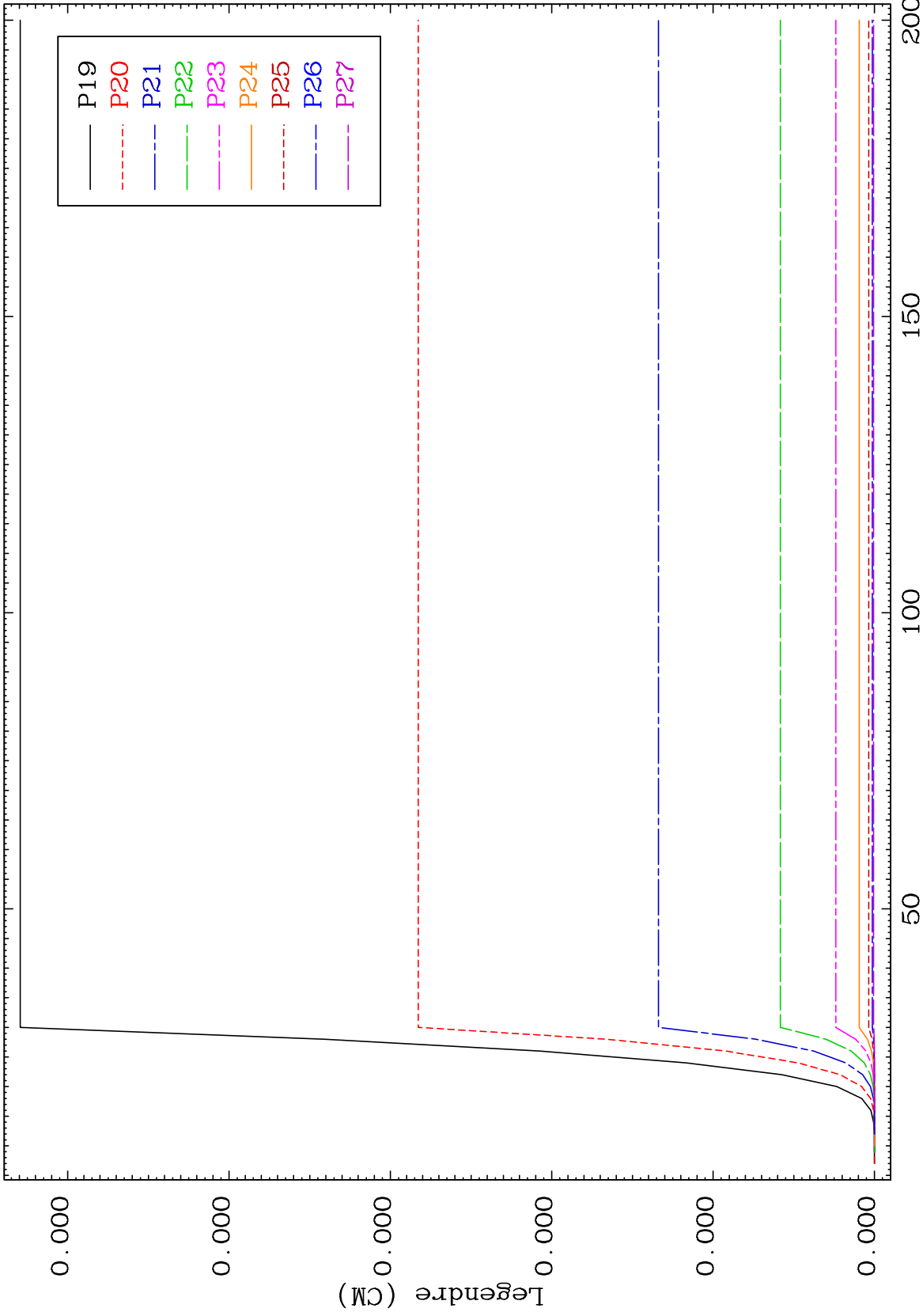
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



33

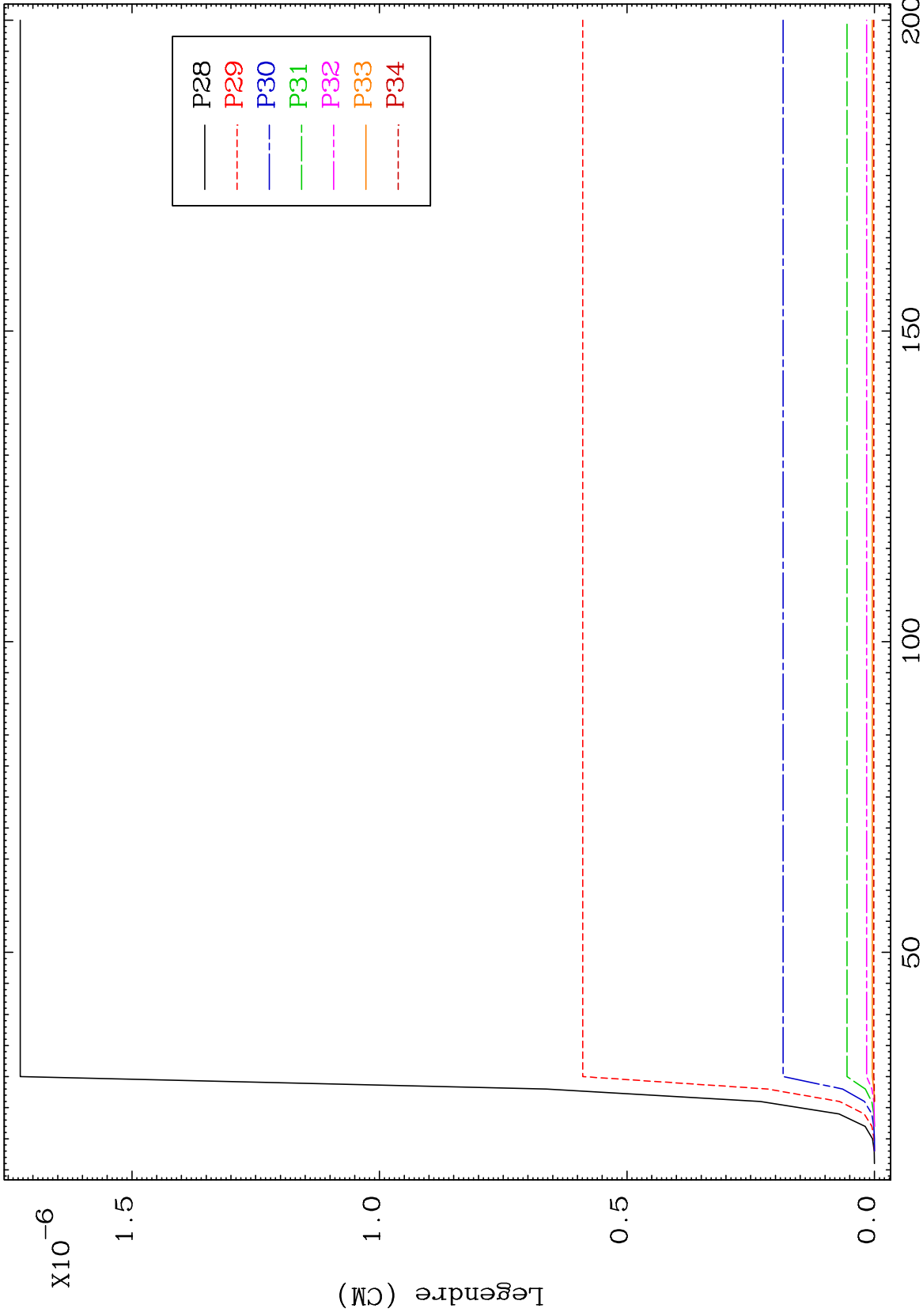
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



34

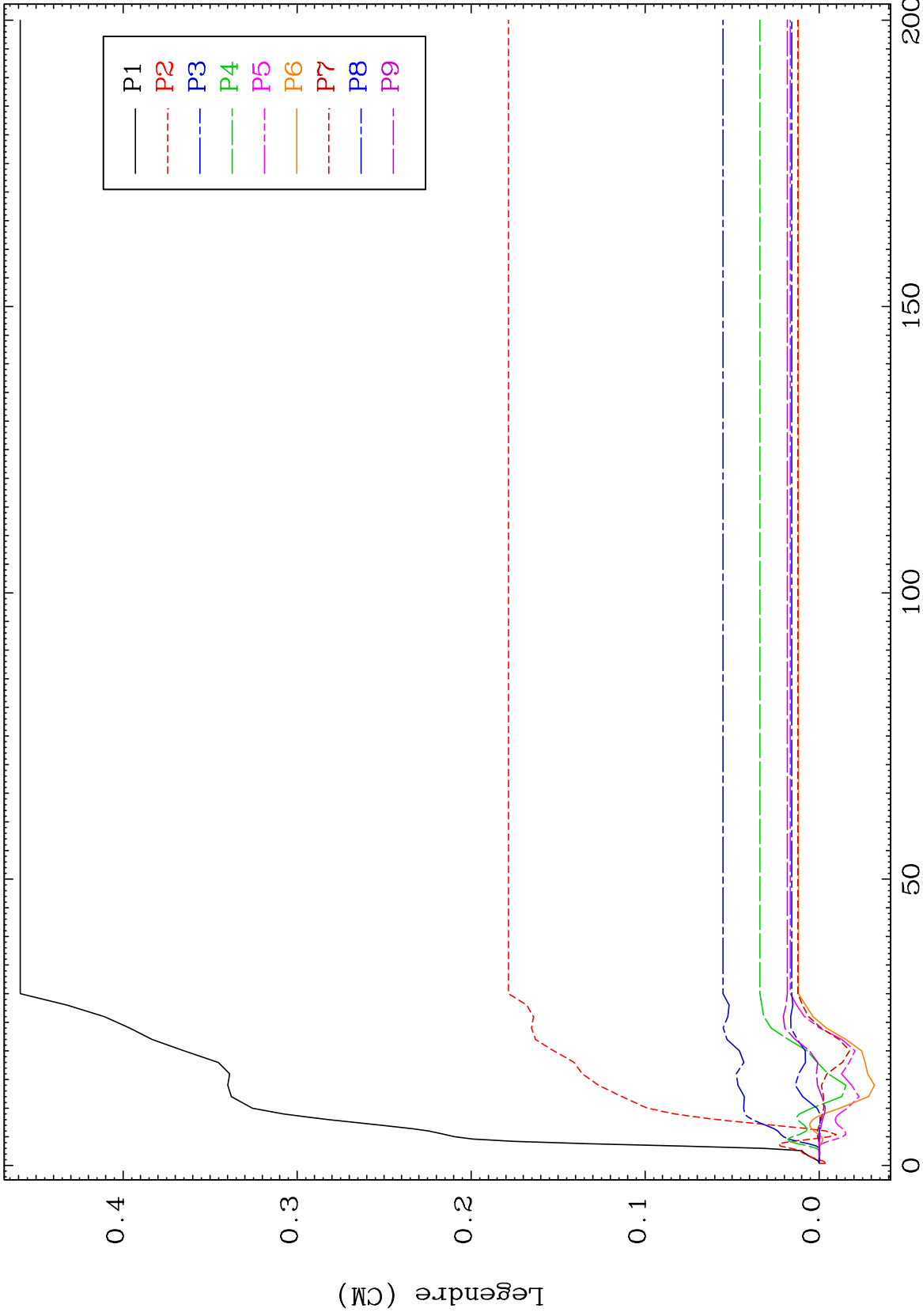
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



35

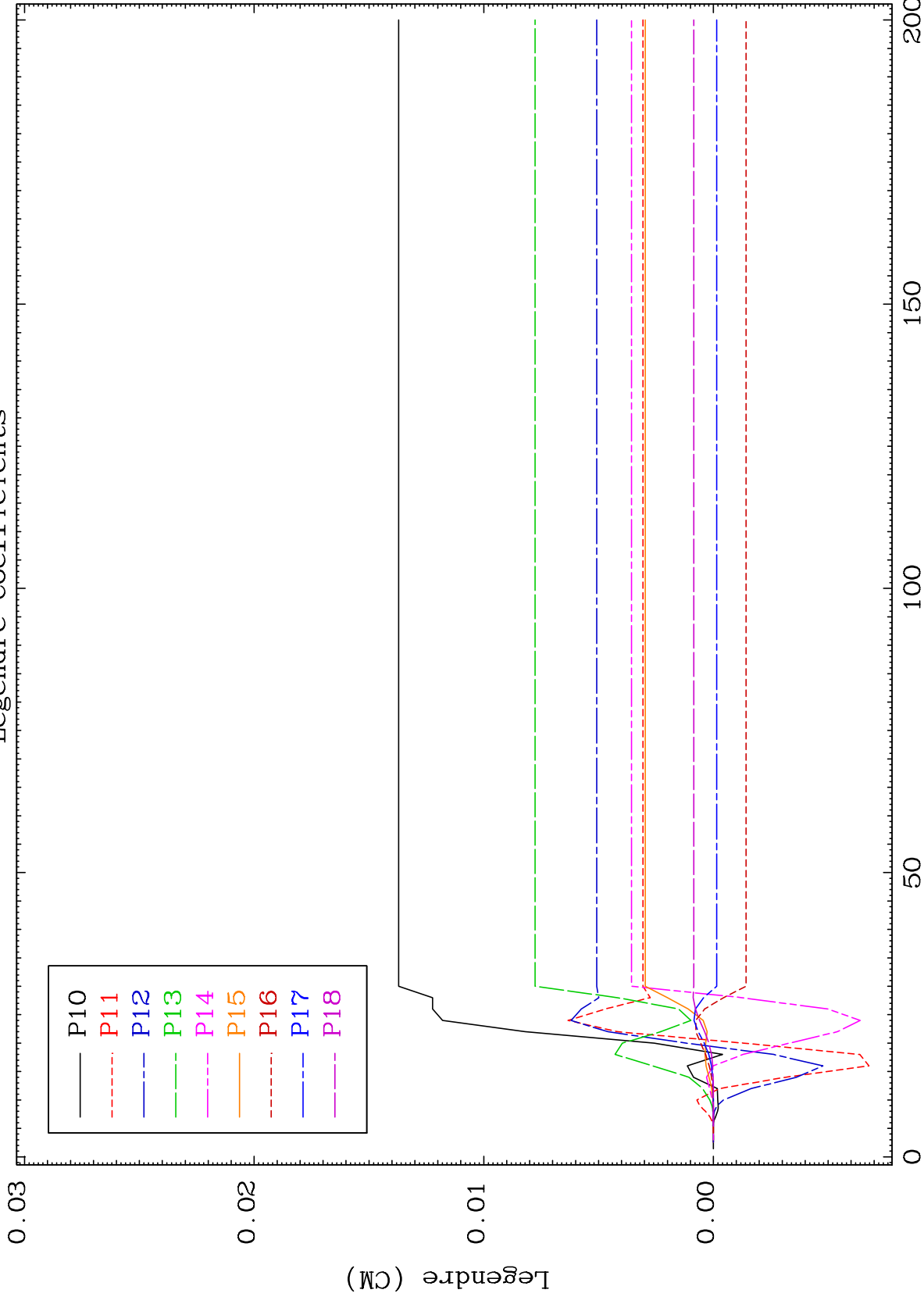
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



42-Mo-107

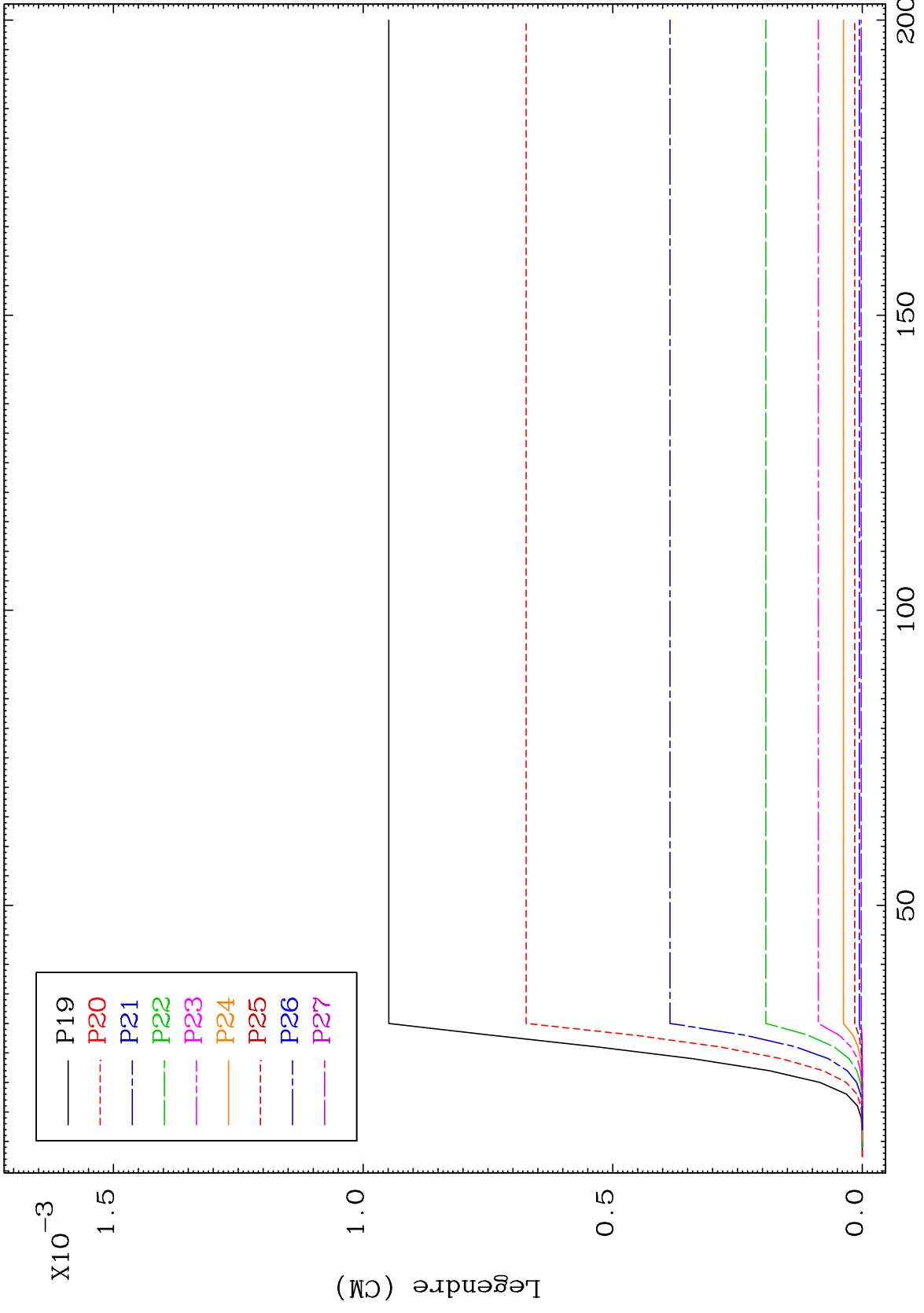
Incident Energy (MeV)

36

MAT 4270

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

42-Mo-107



37

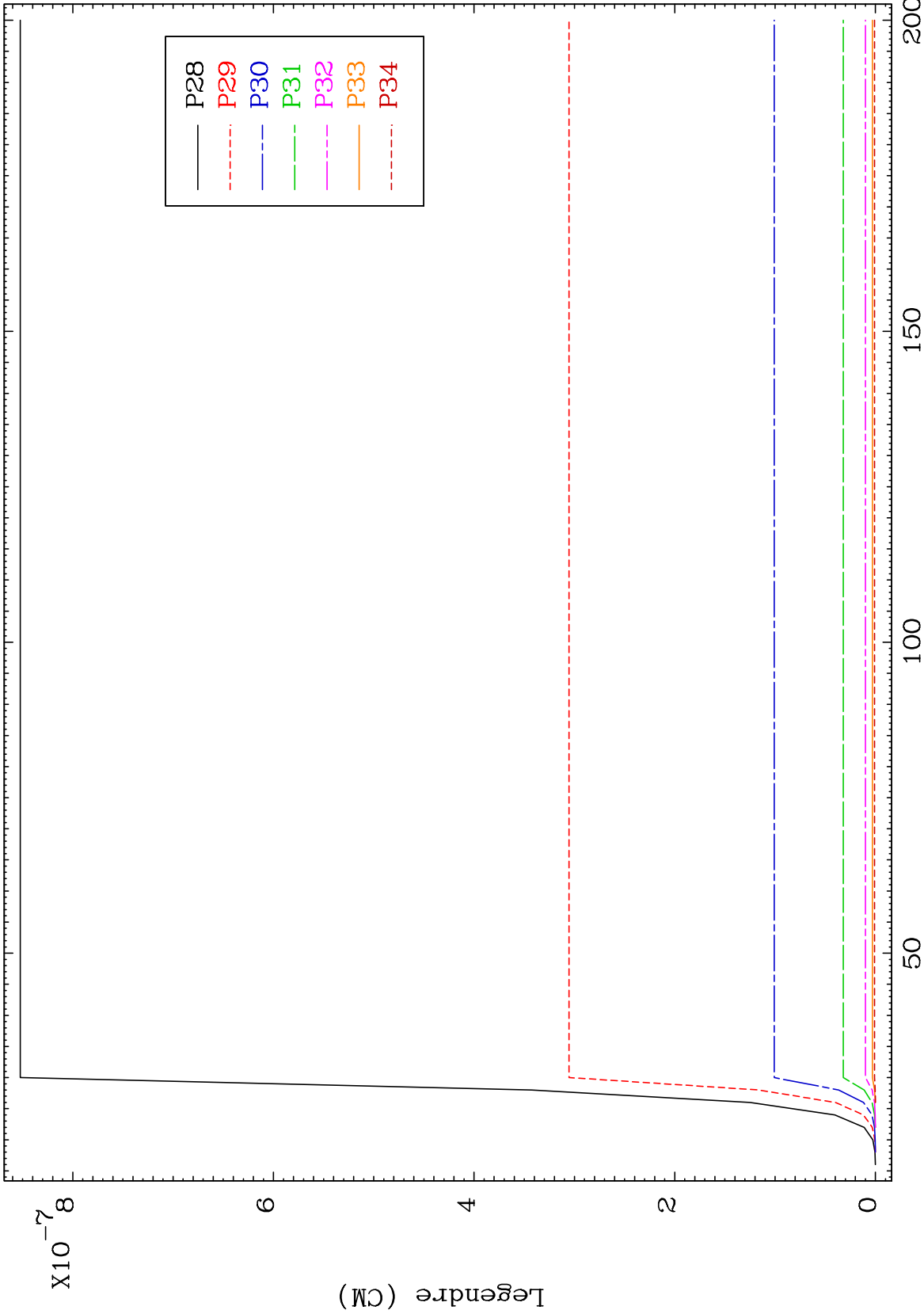
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



38

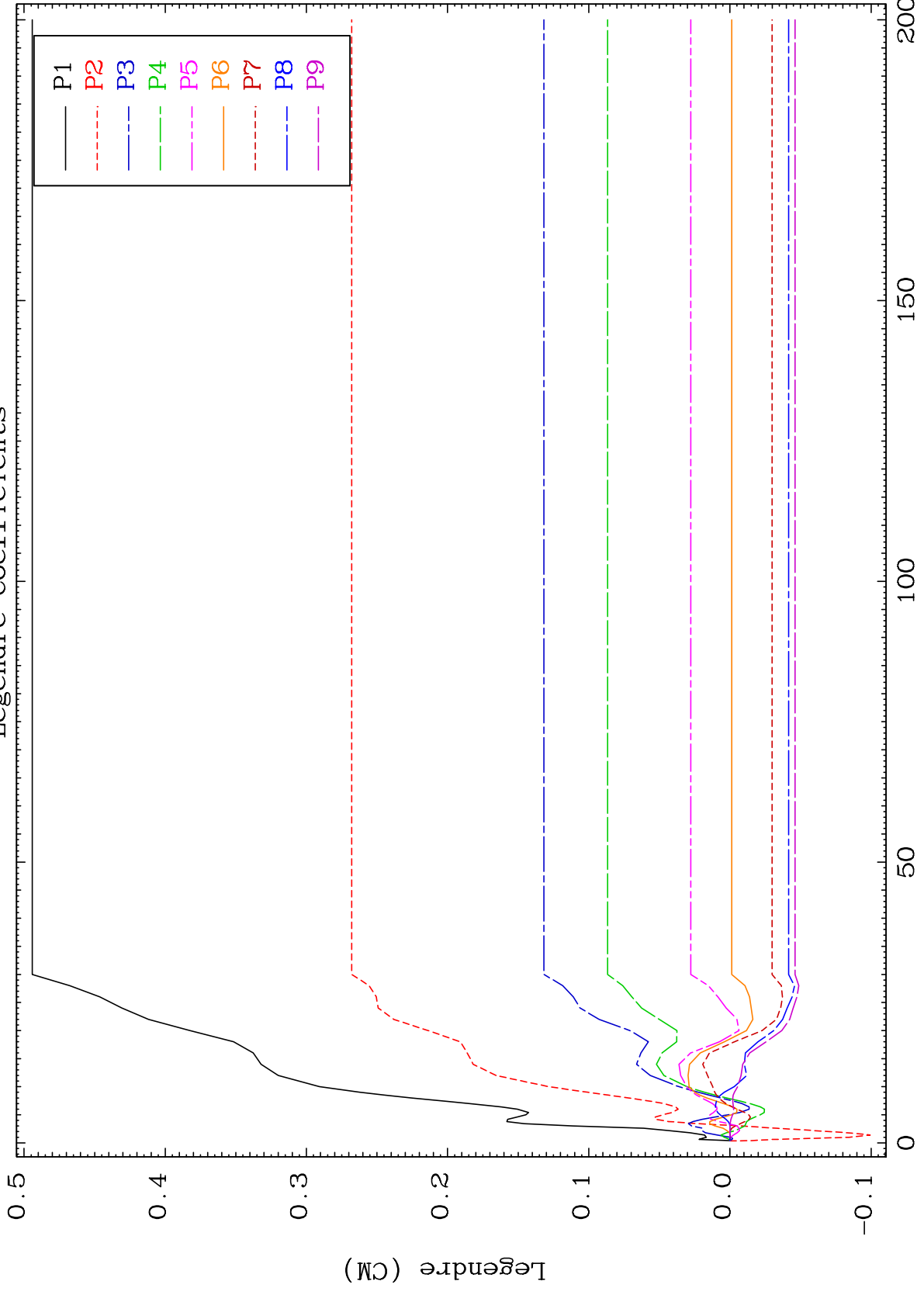
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



39

Incident Energy (MeV)

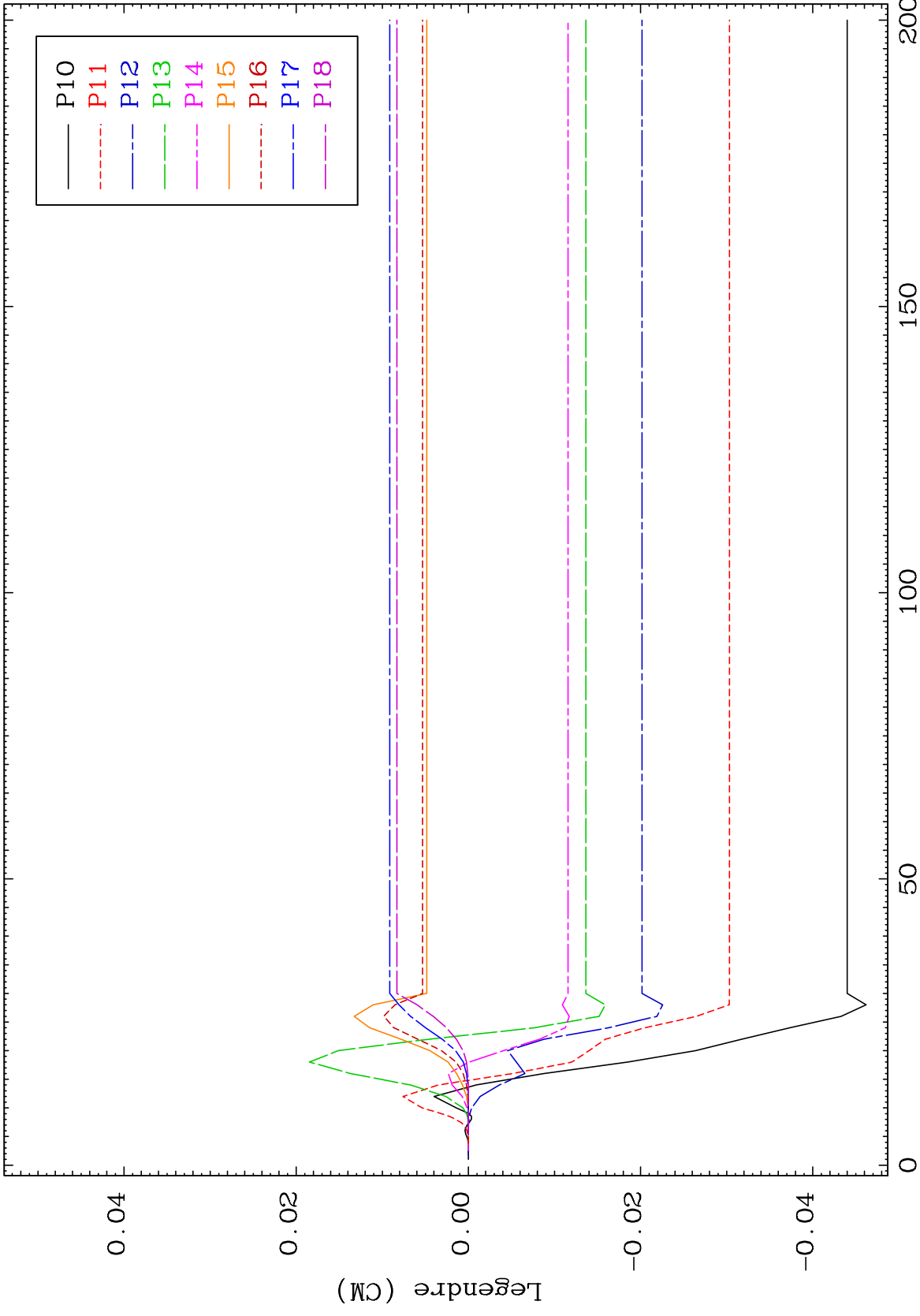
42-Mo-107



MAT 4270

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

42-Mo-107



40

Incident Energy (MeV)

42-Mo-107

200

150

100

50

0.04

0.02

0.00

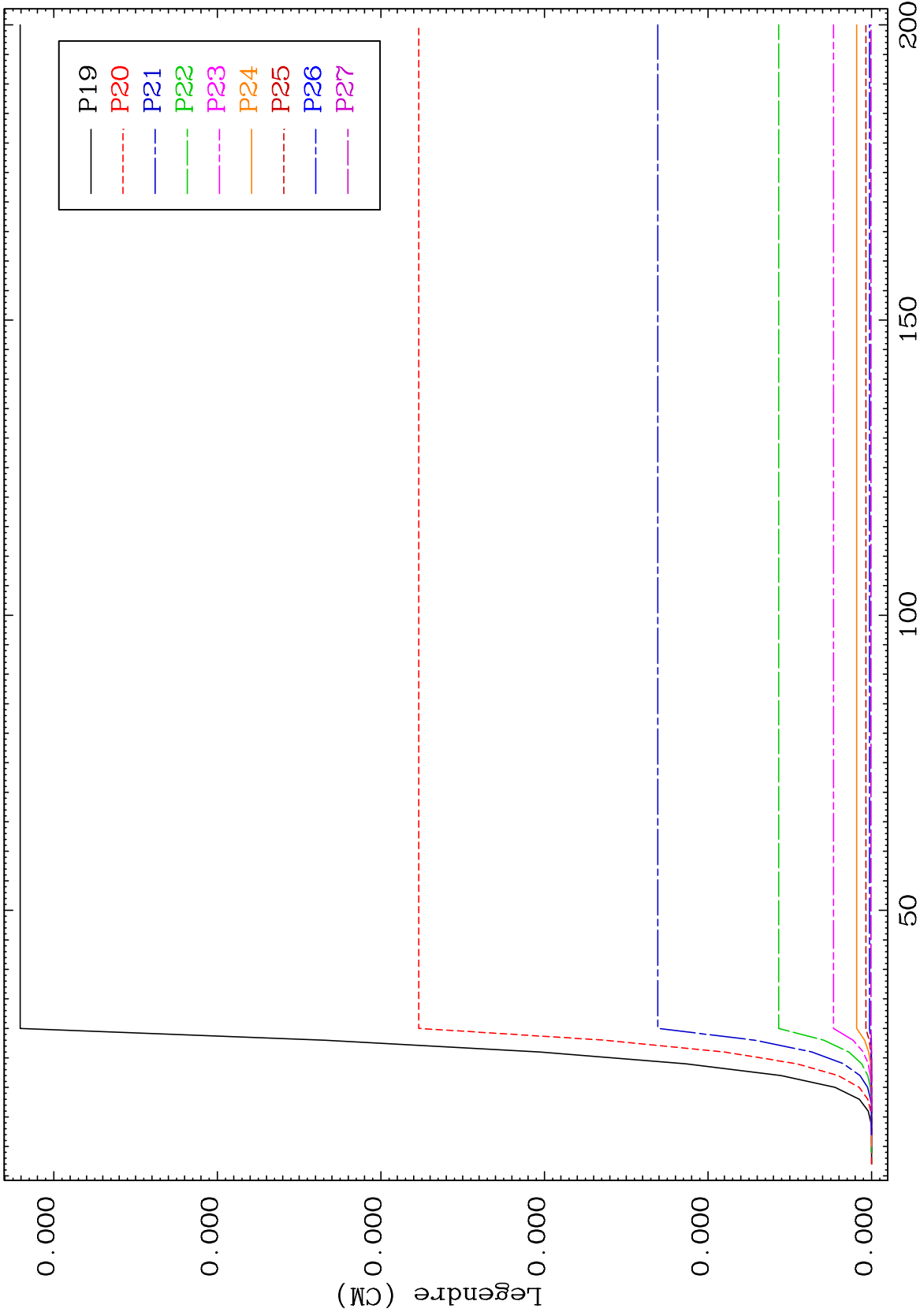
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-0.04

MAT 4270

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

42-Mo-107



41

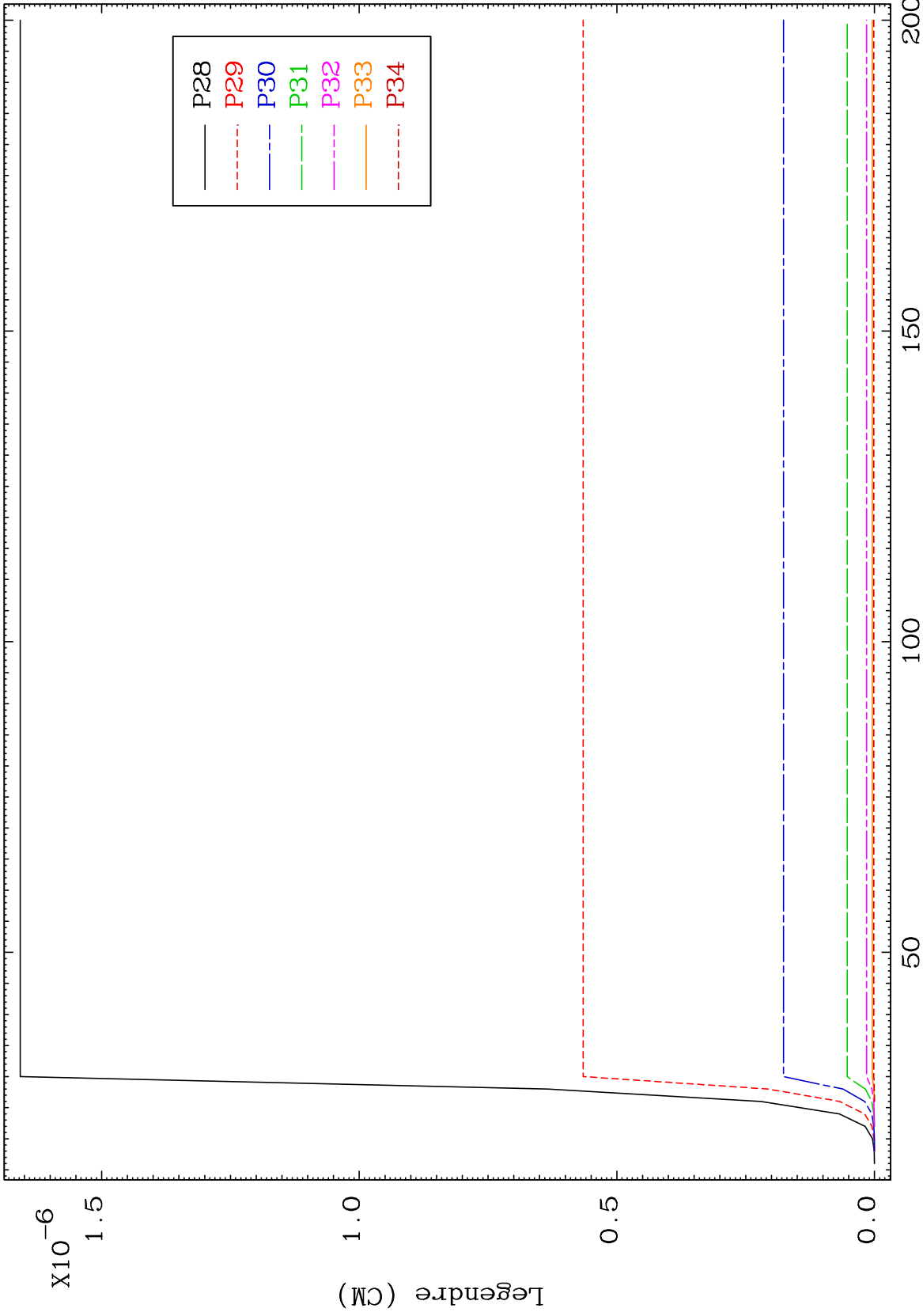
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



42

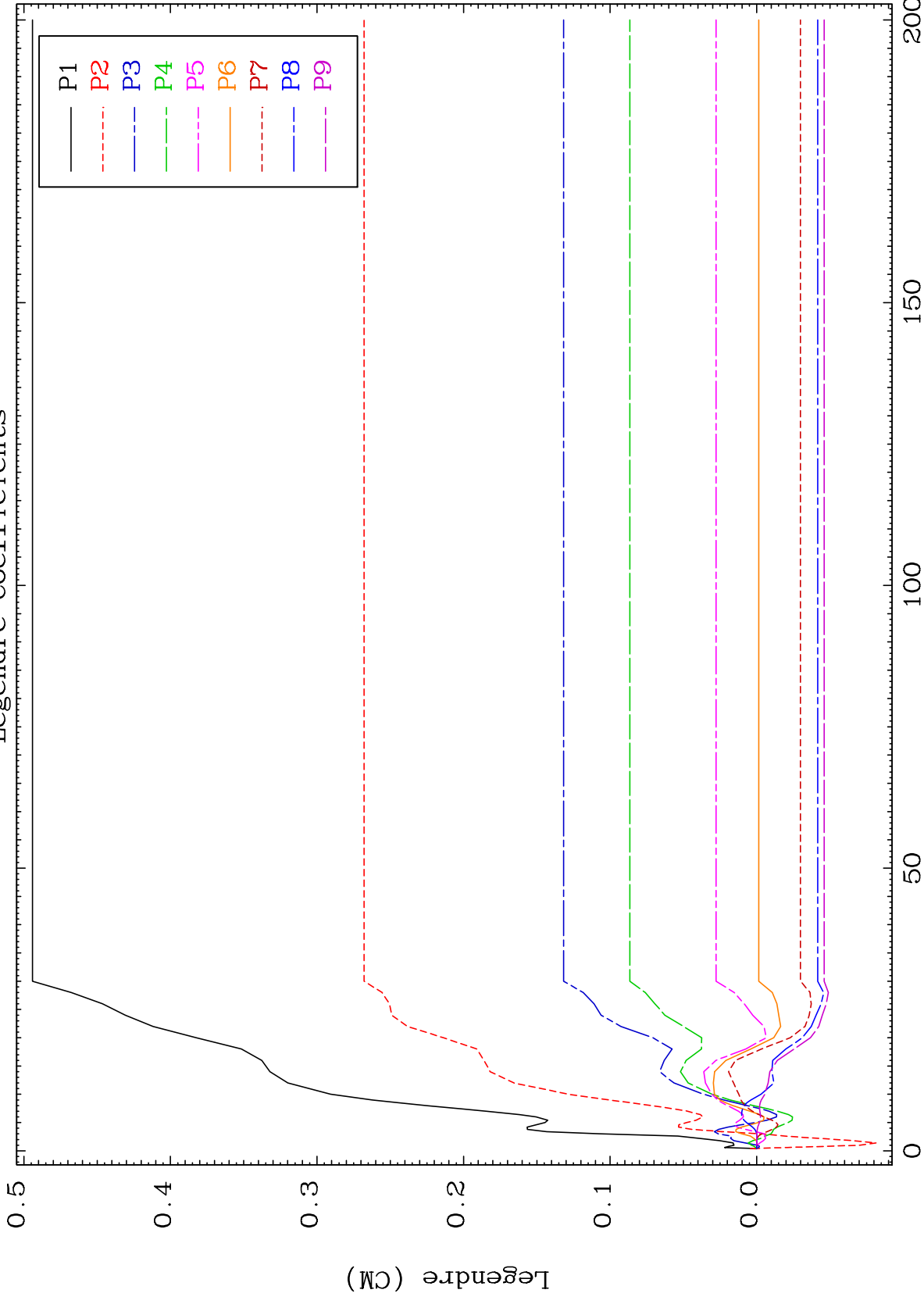
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



42-Mo-107

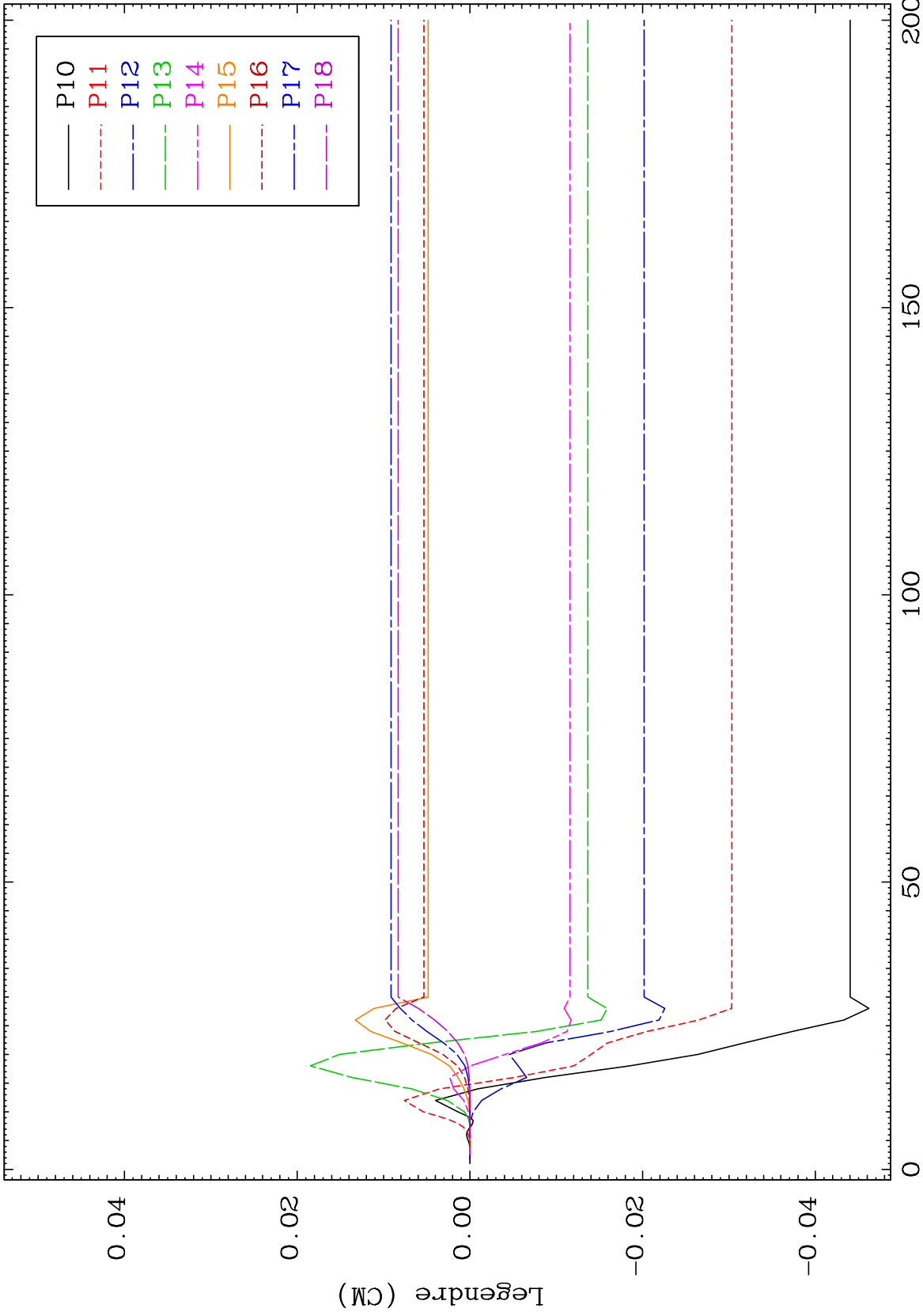
Incident Energy (MeV)

43

MAT 4270

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

42-Mo-107



44

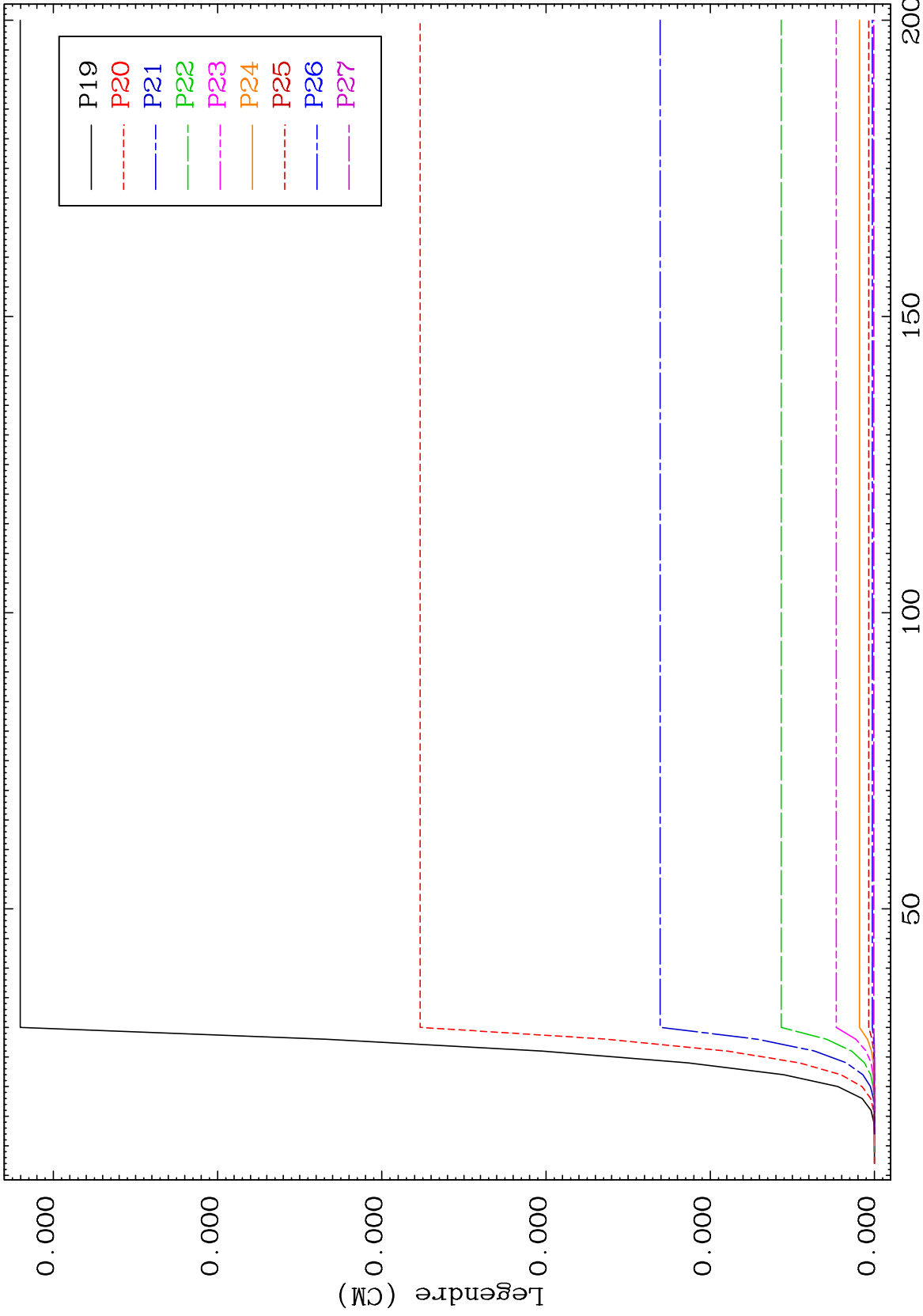
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



45

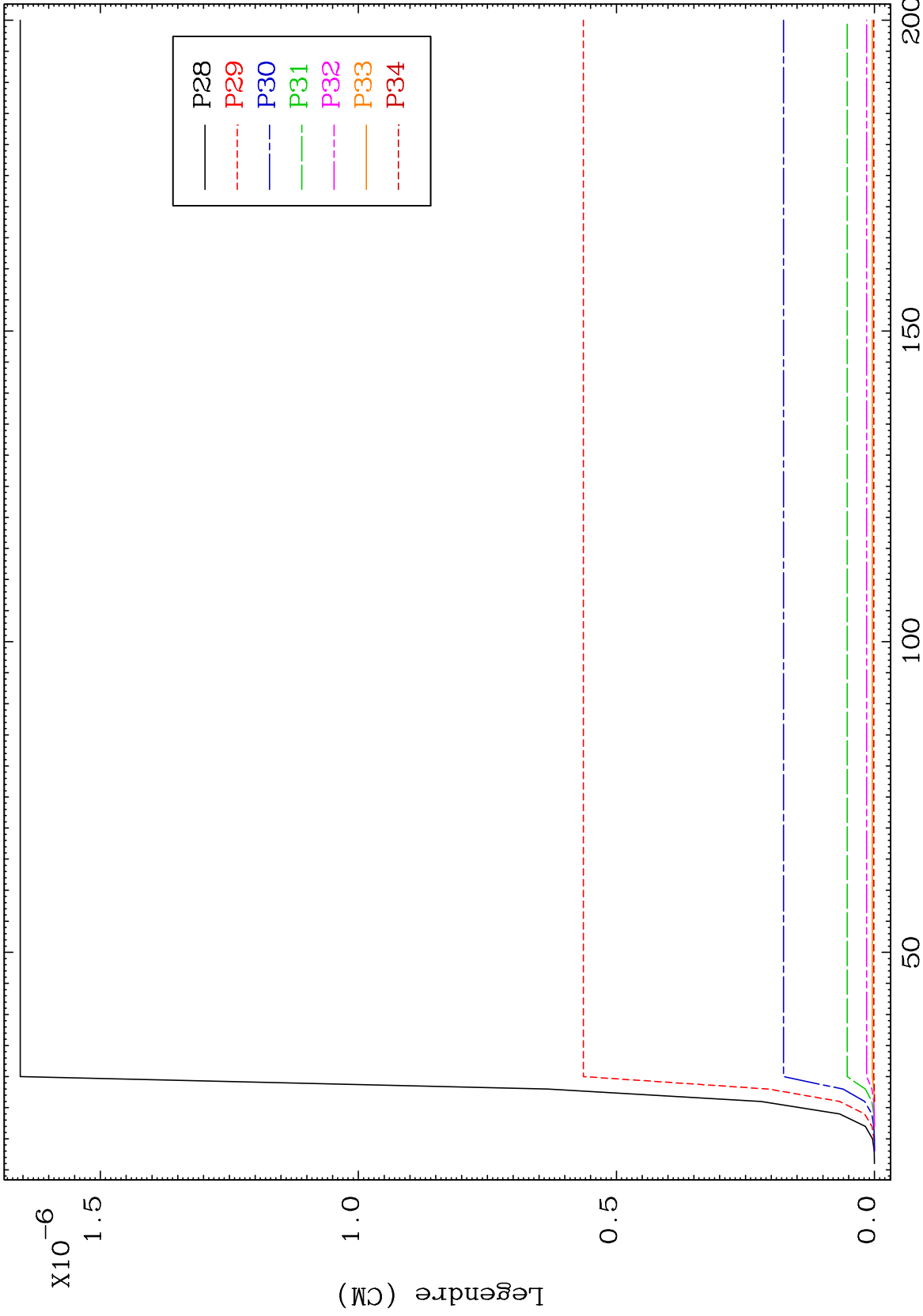
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107

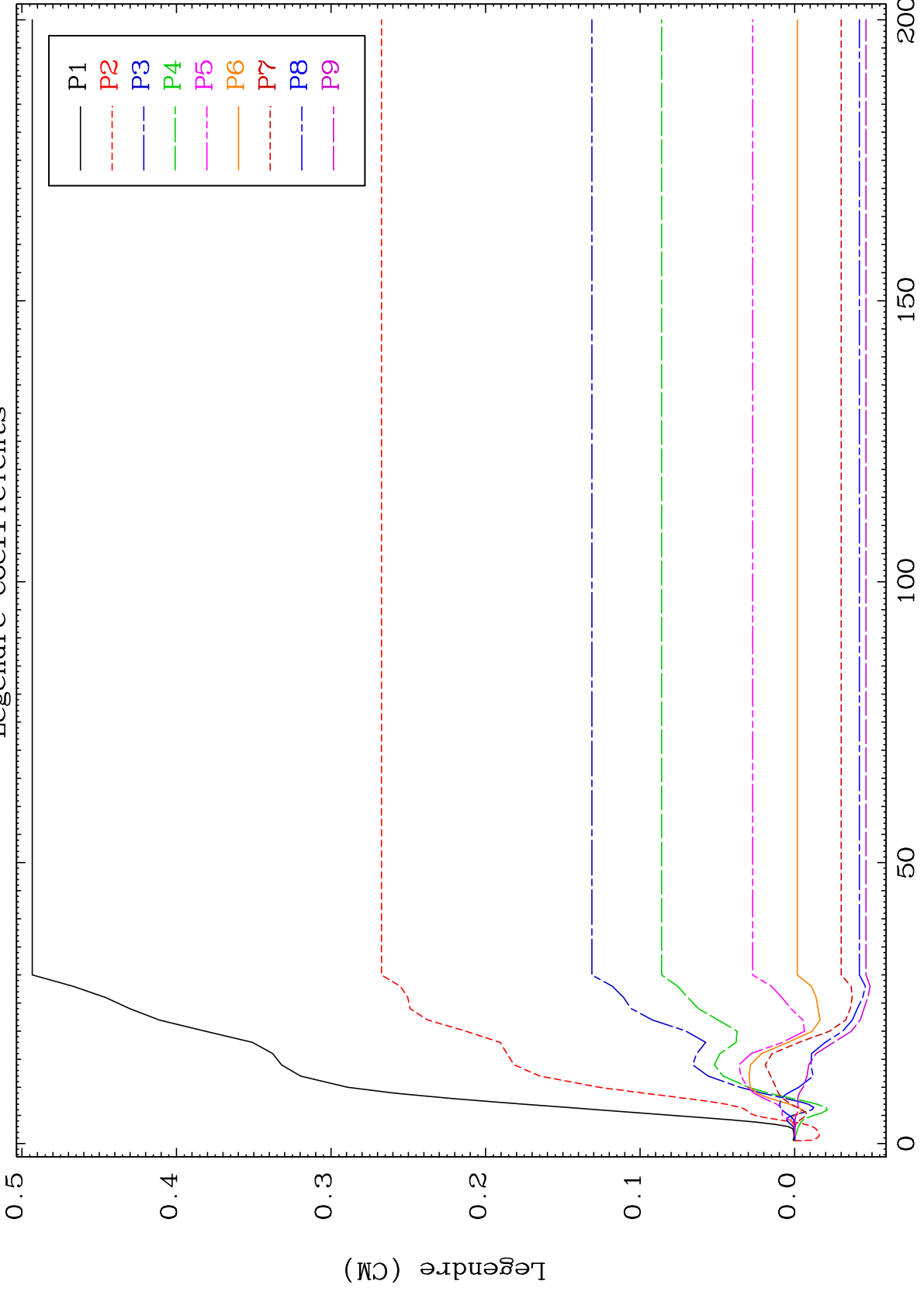


46

Incident Energy (MeV)

42-Mo-107

MAT 4270 MT= 58 (n,n') Level Legendre Coefficients 42-Mo-107



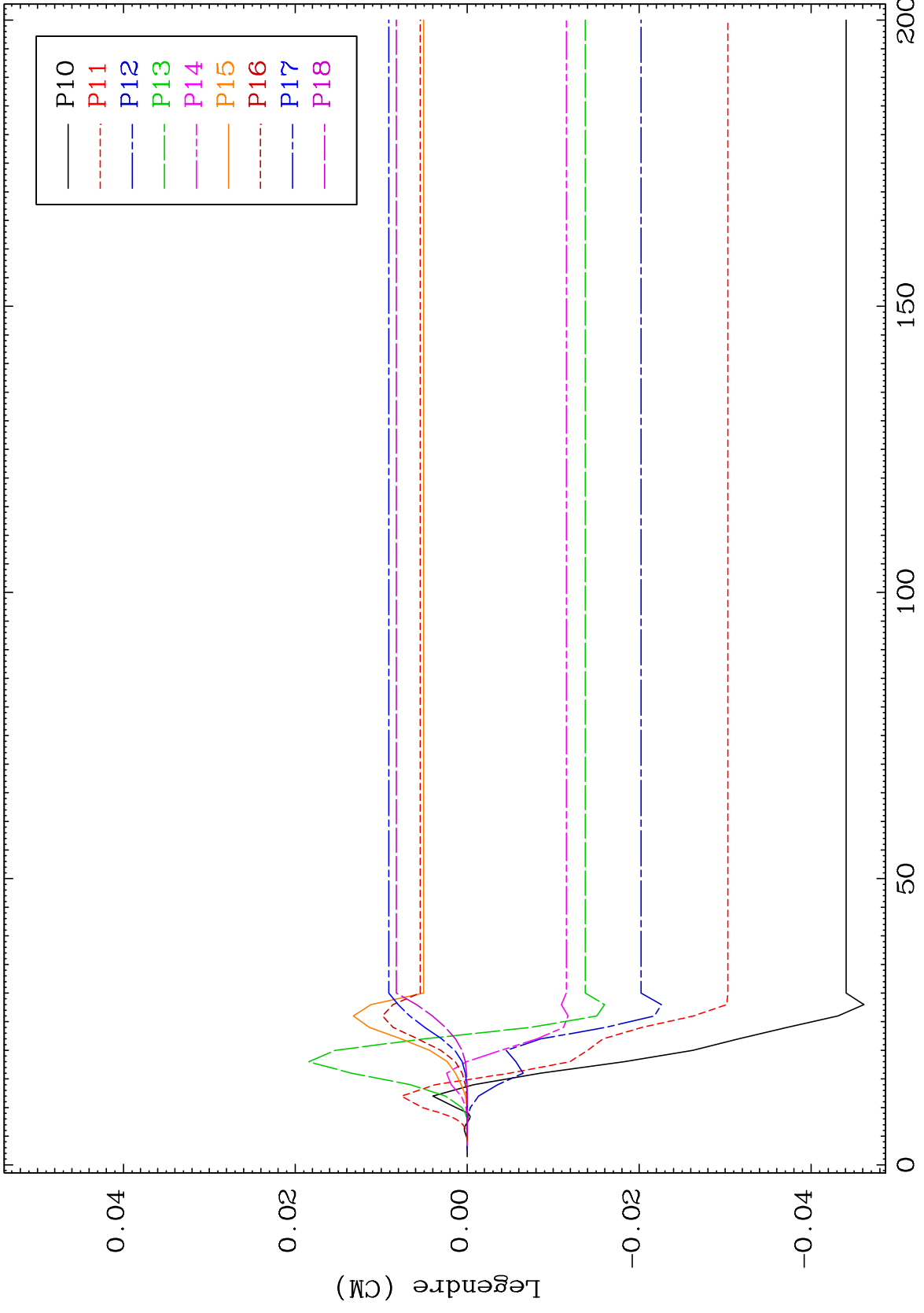
47 42-Mo-107



MAT 4270

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

42-Mo-107



48

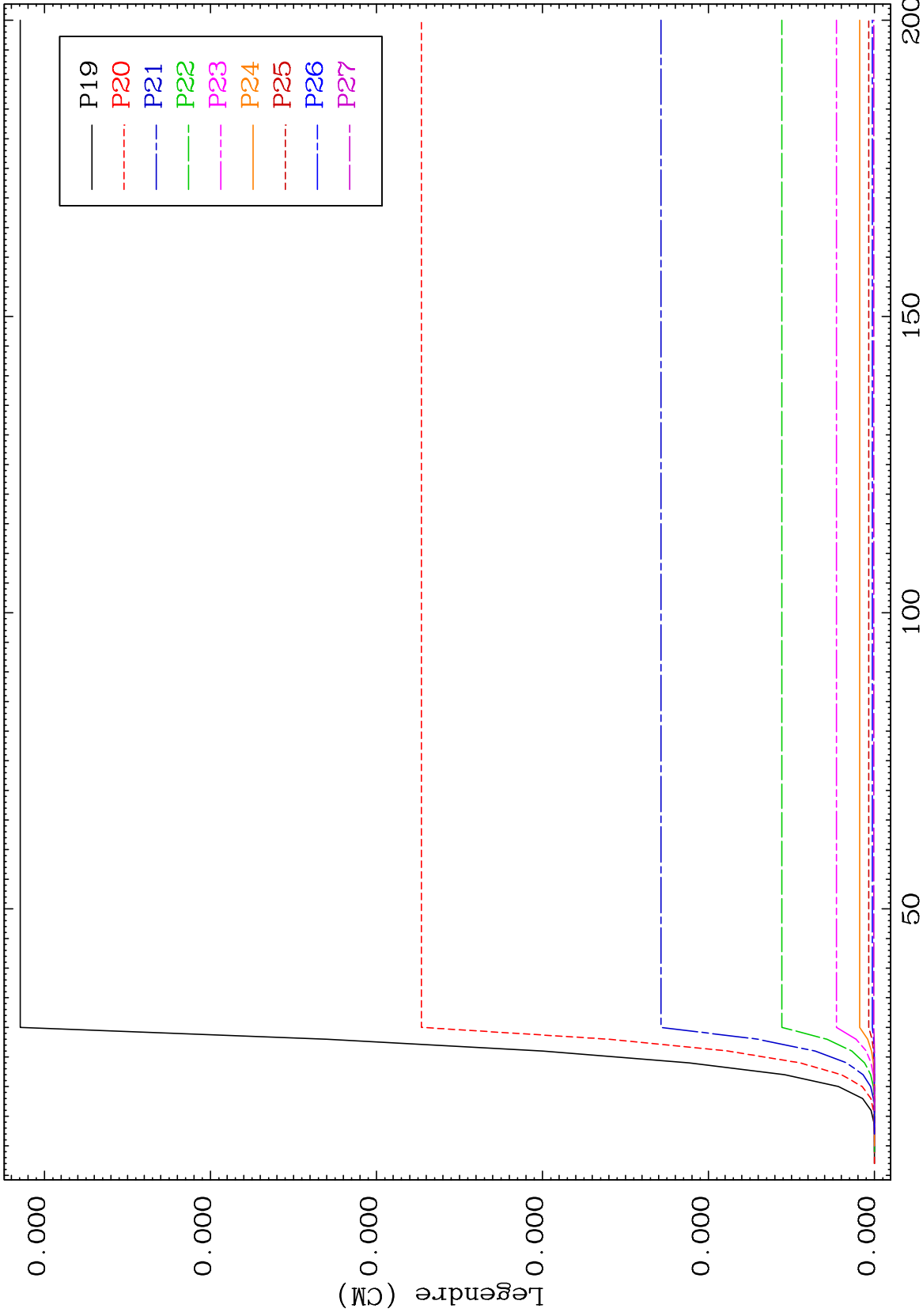
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



49

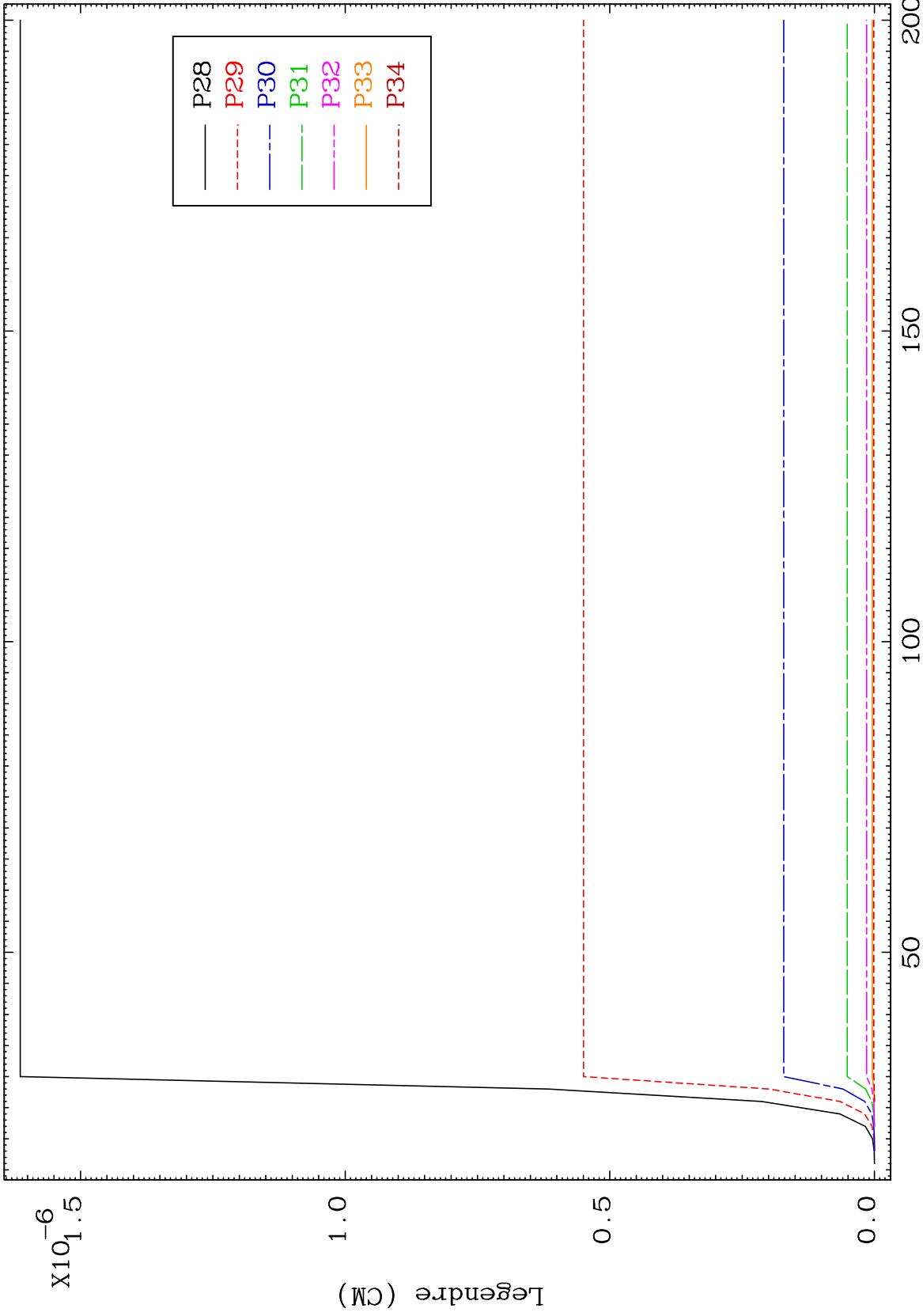
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



50

Incident Energy (MeV)

50

100

150

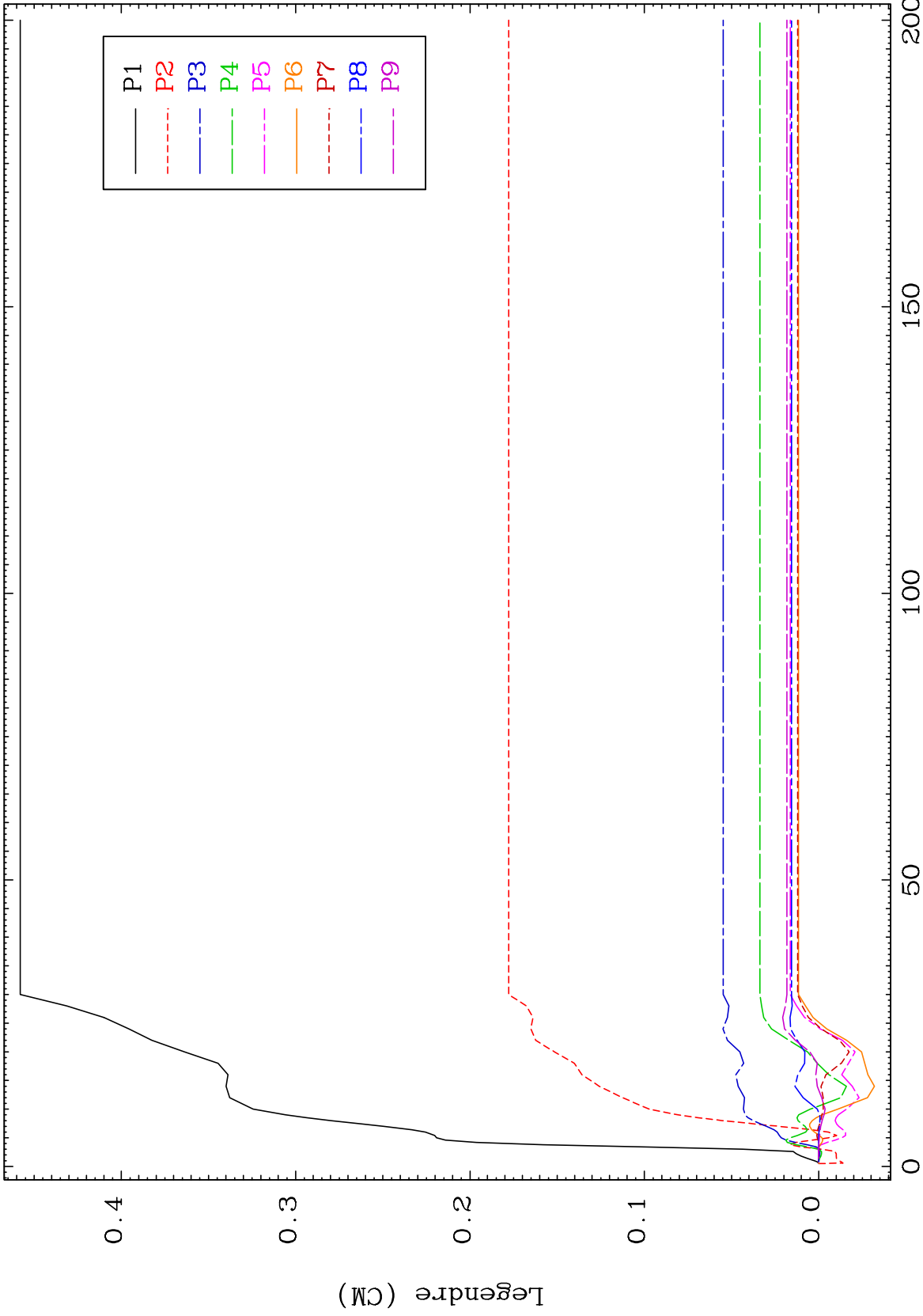
200

42-Mo-107

MAT 4270

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

42-Mo-107



51

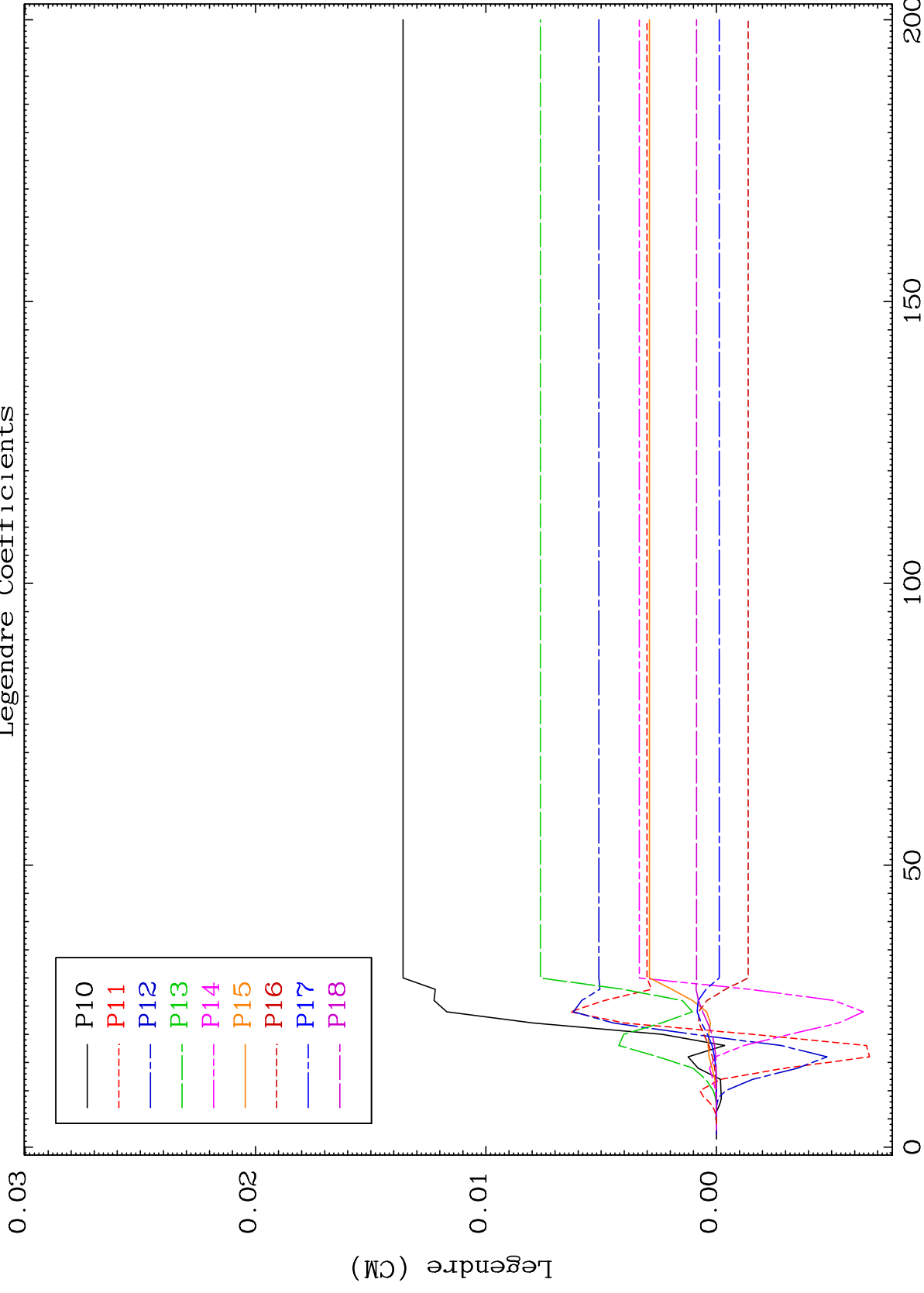
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



42-Mo-107

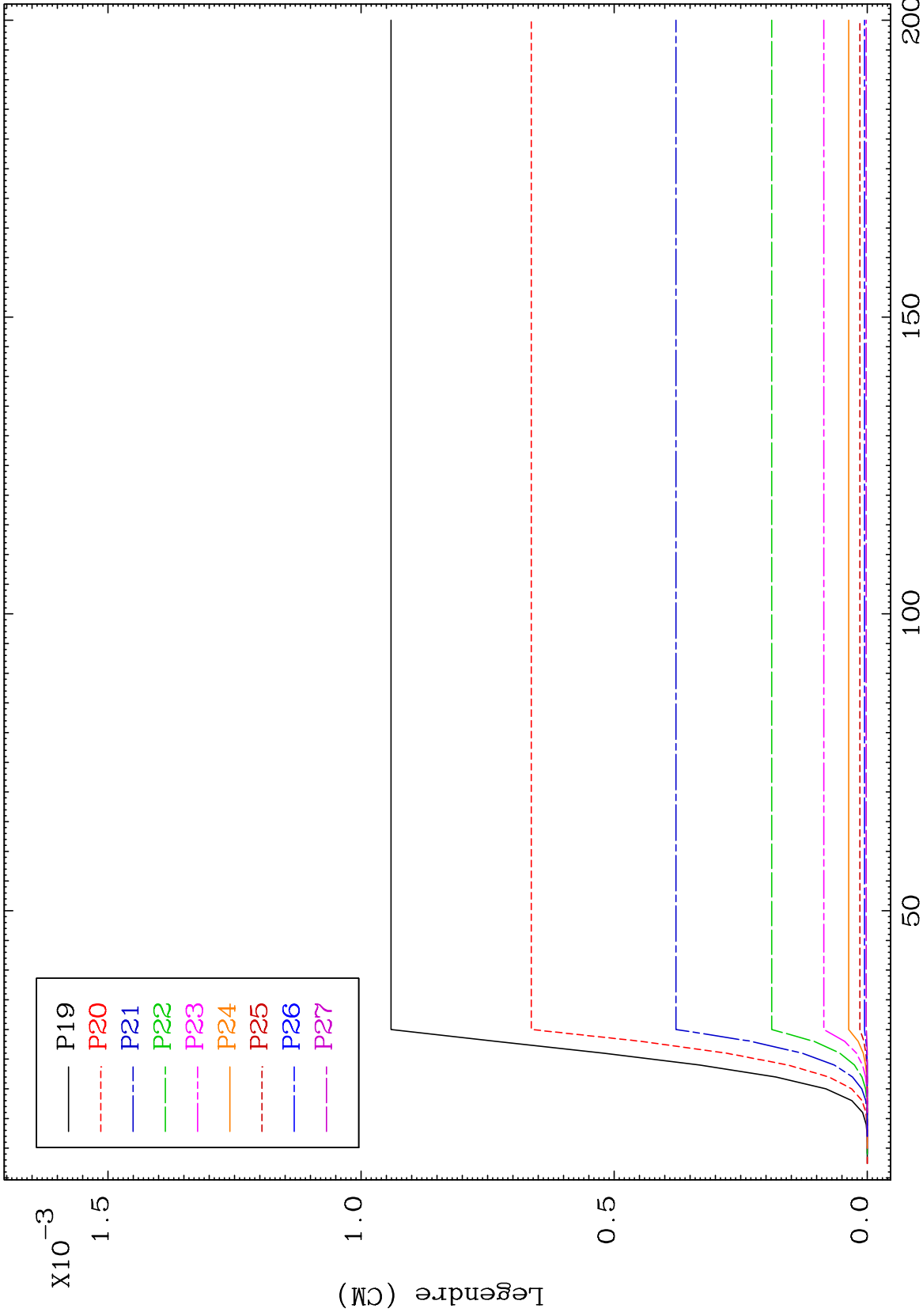
Incident Energy (MeV)

52

MAT 4270

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

42-Mo-107



53

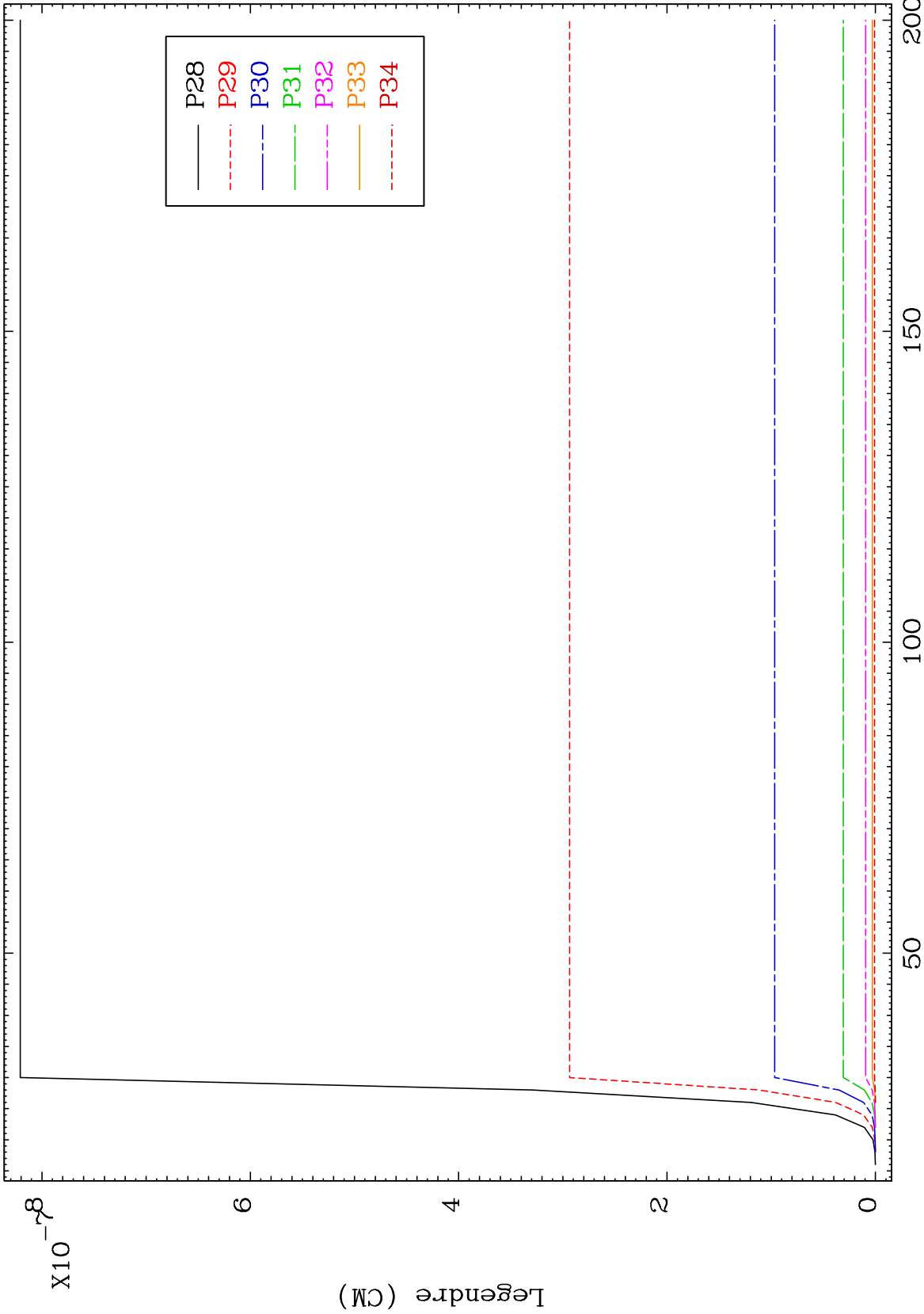
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



54

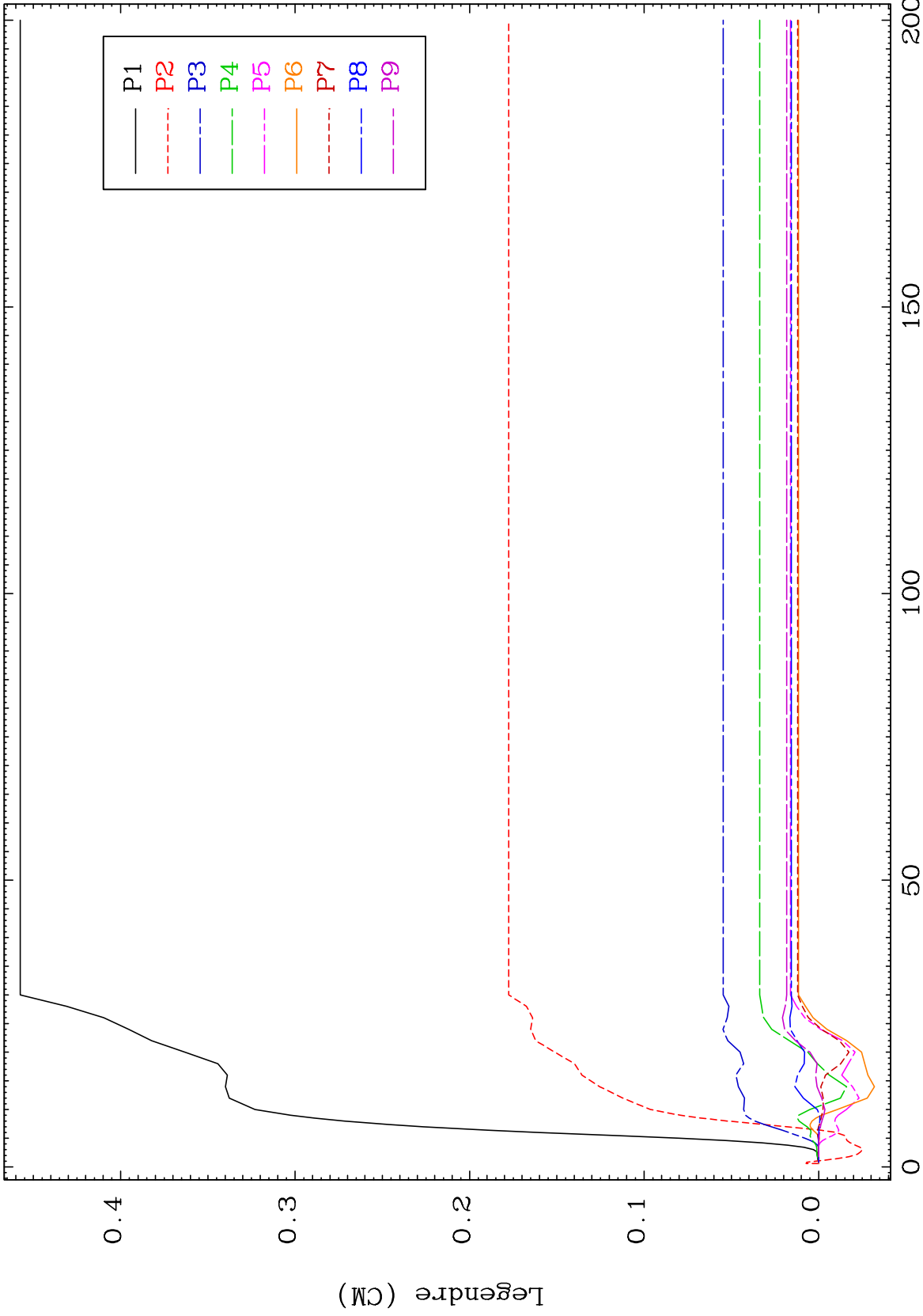
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



55

Incident Energy (MeV)

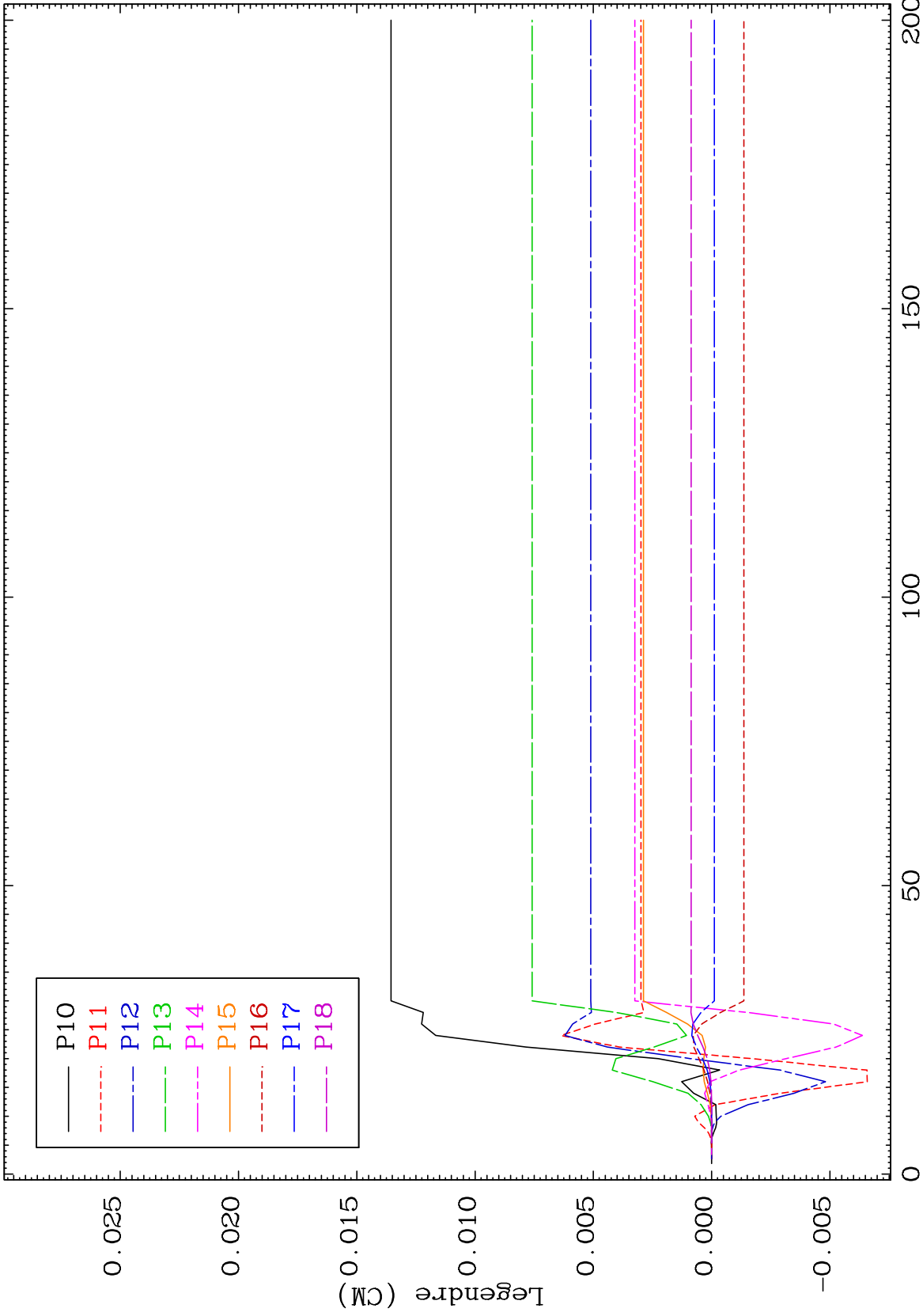
42-Mo-107



MAT 4270

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

42-Mo-107



56

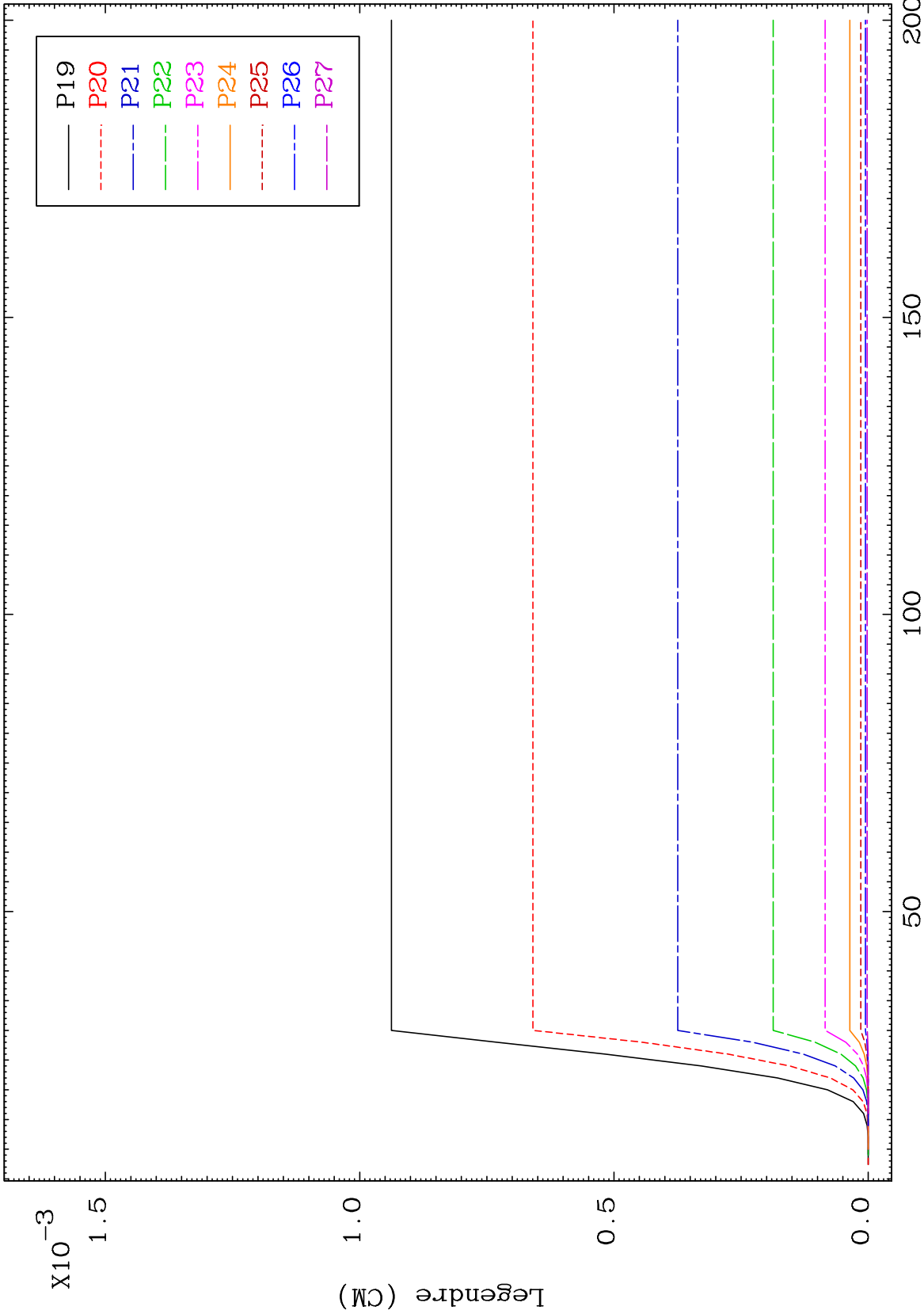
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



57

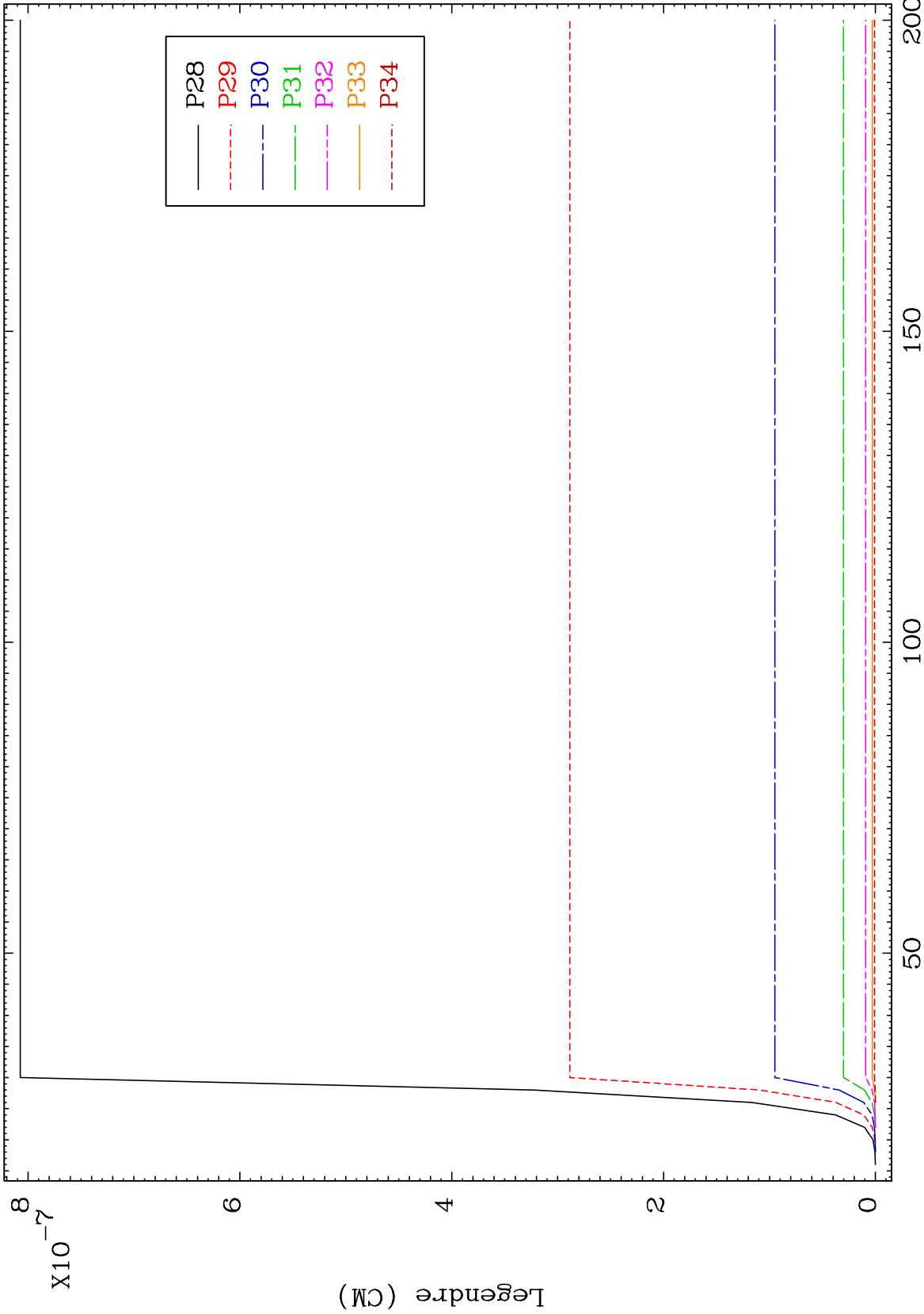
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



58

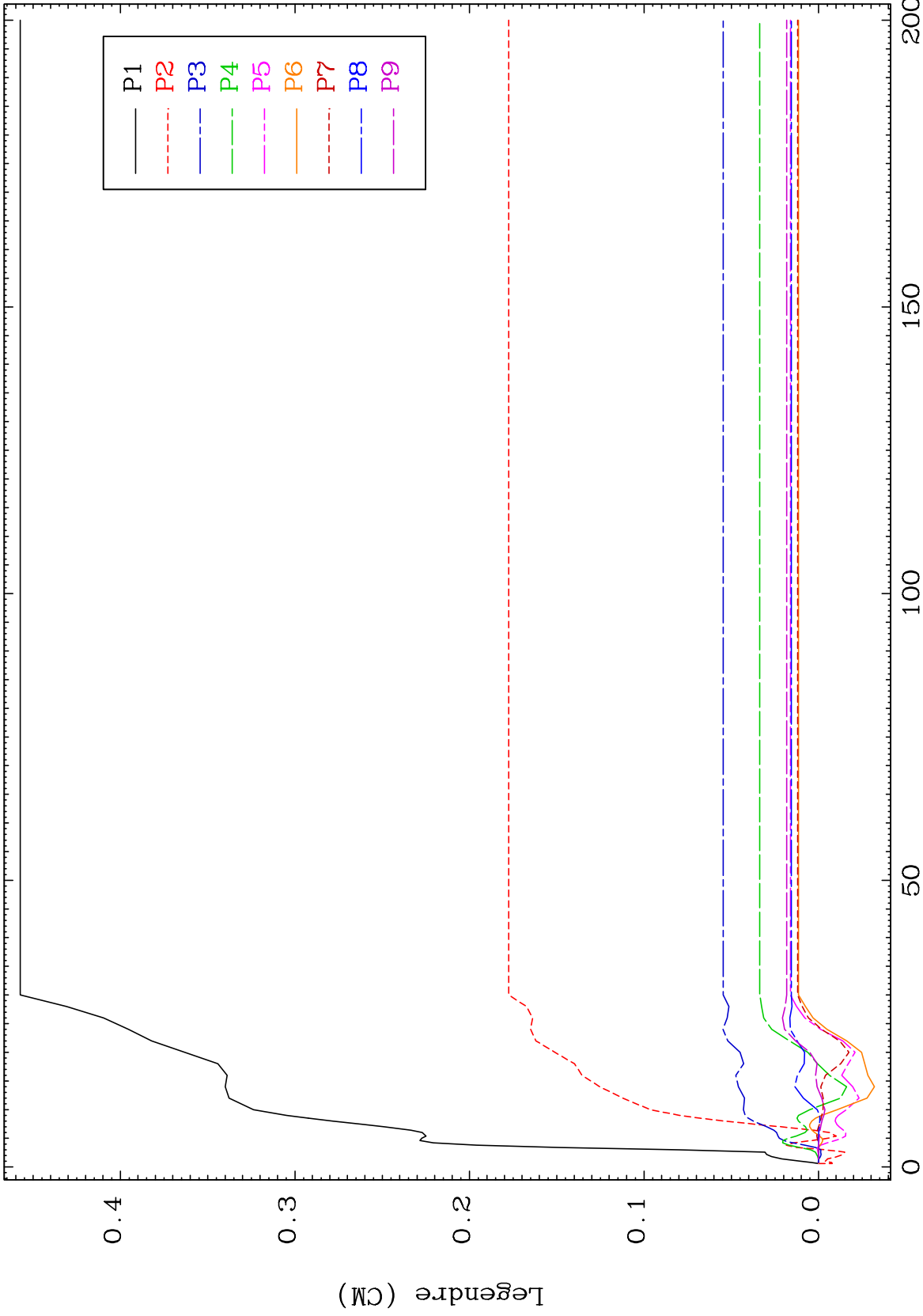
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



59

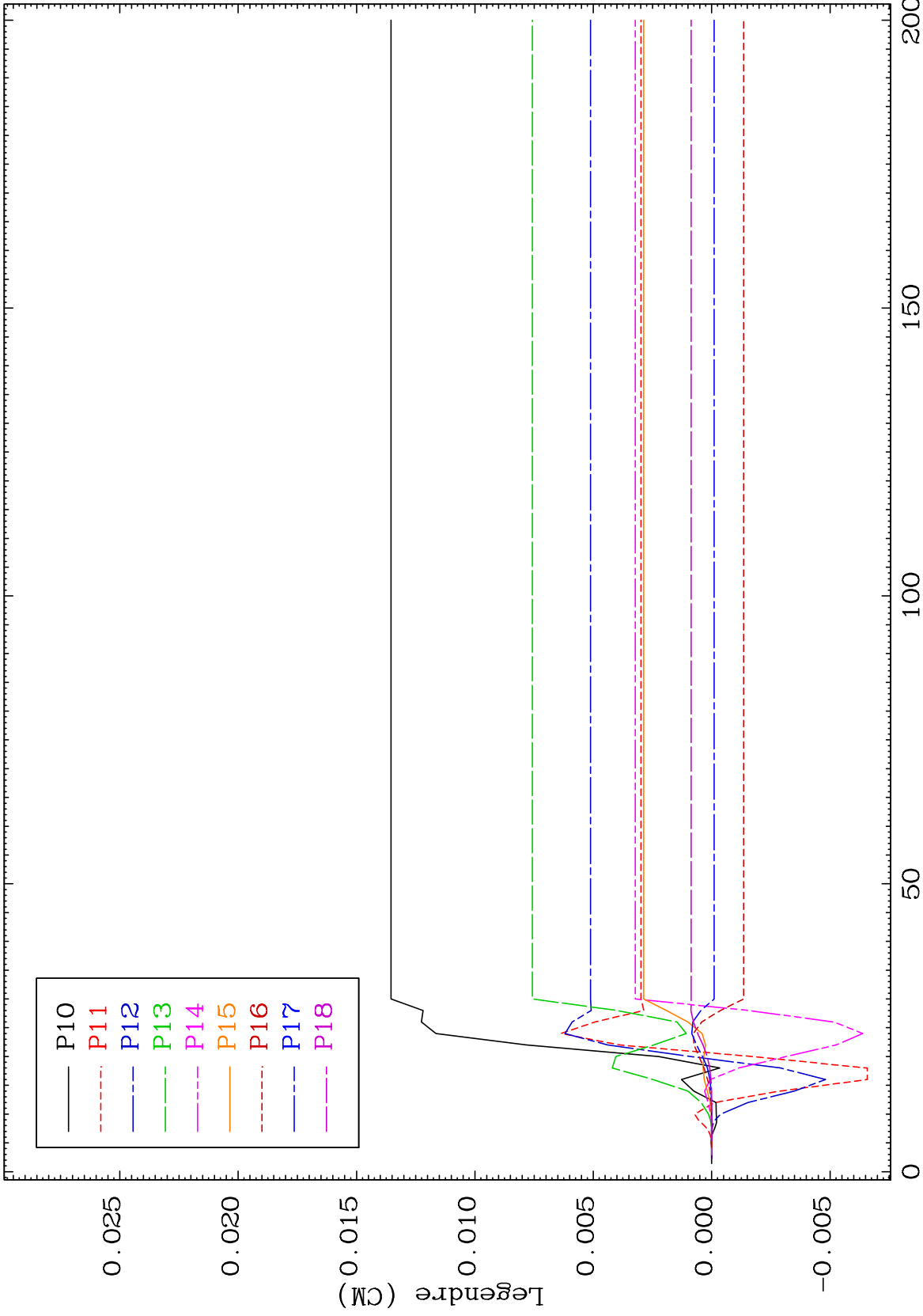
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



60

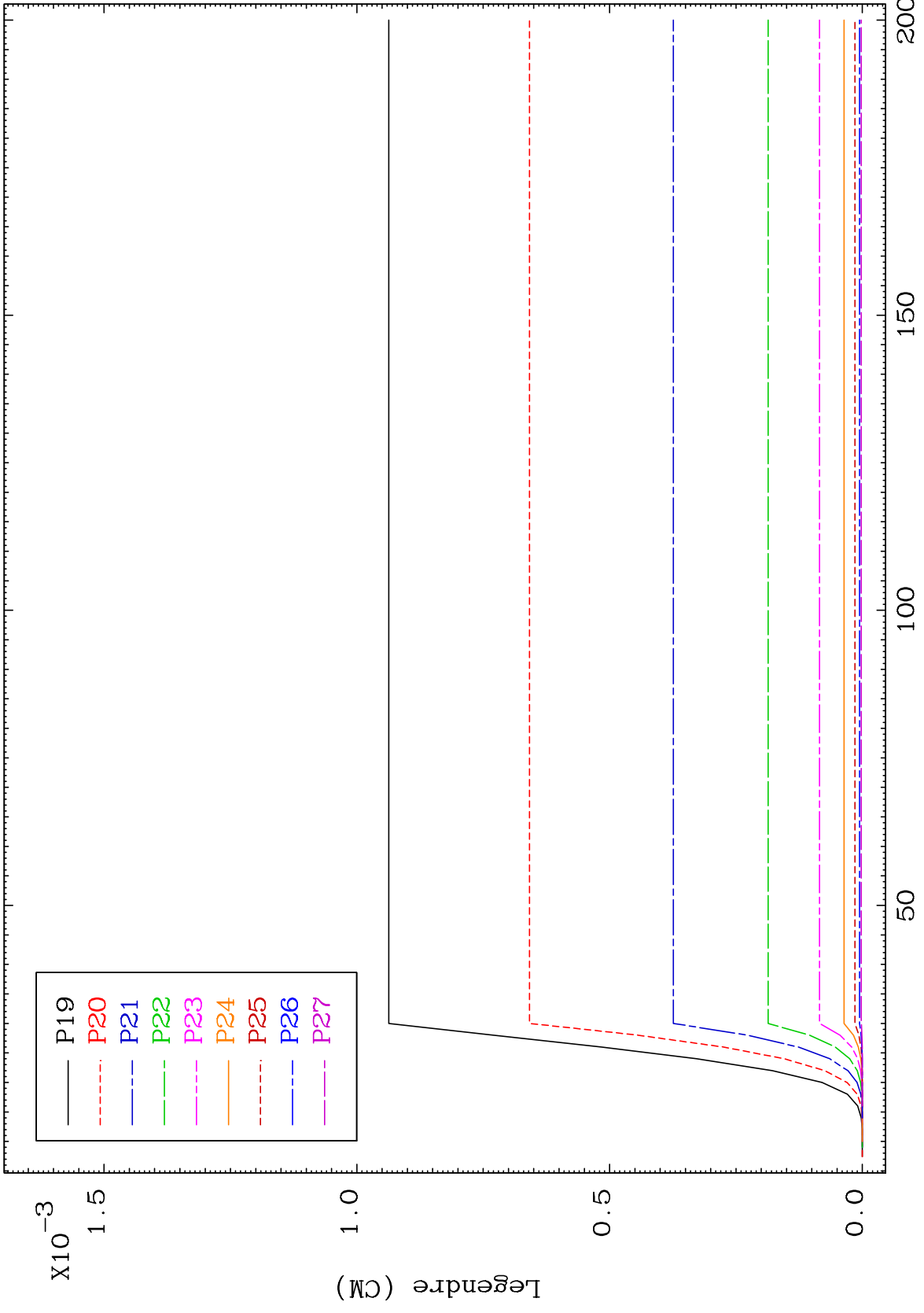
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



61

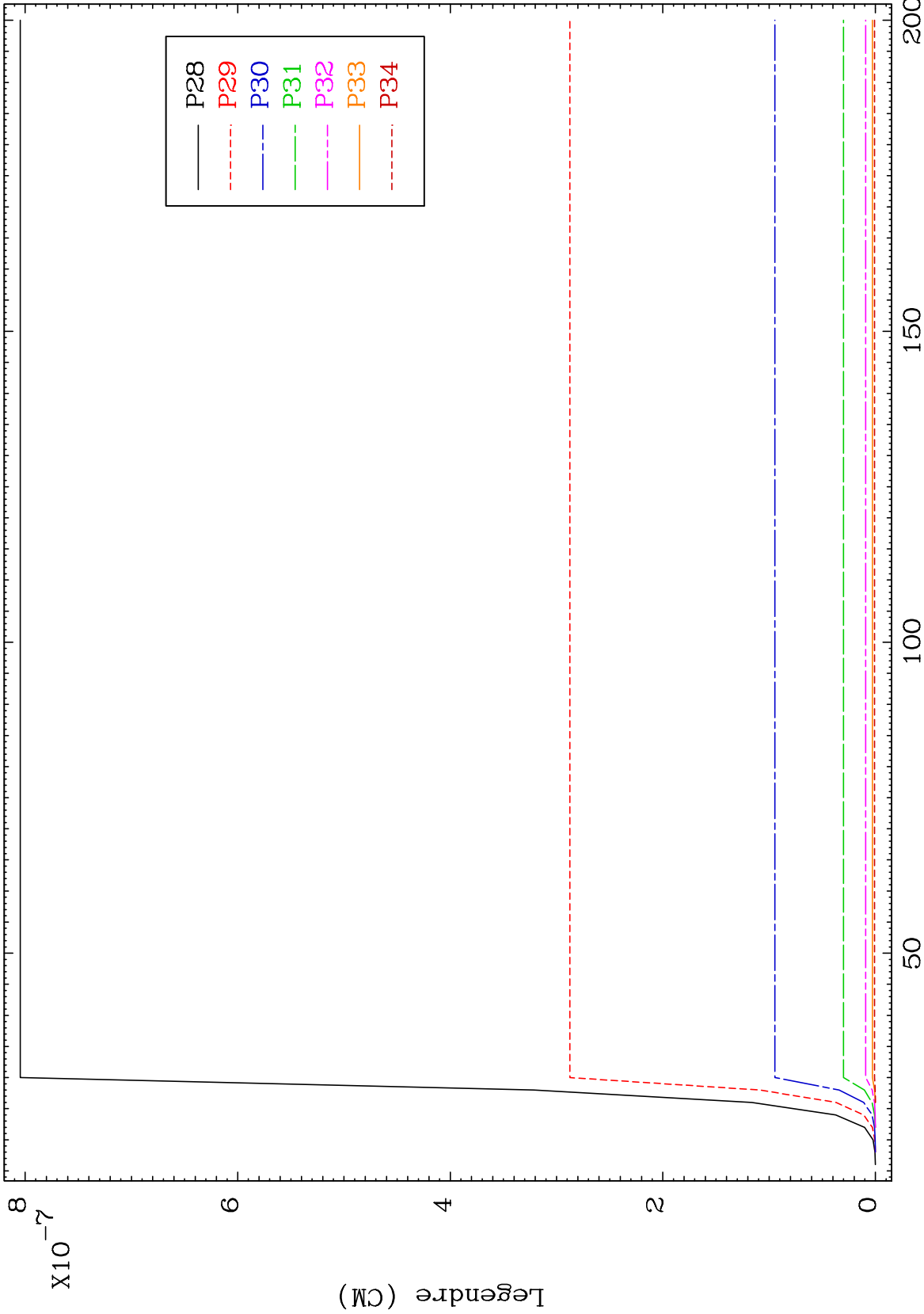
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



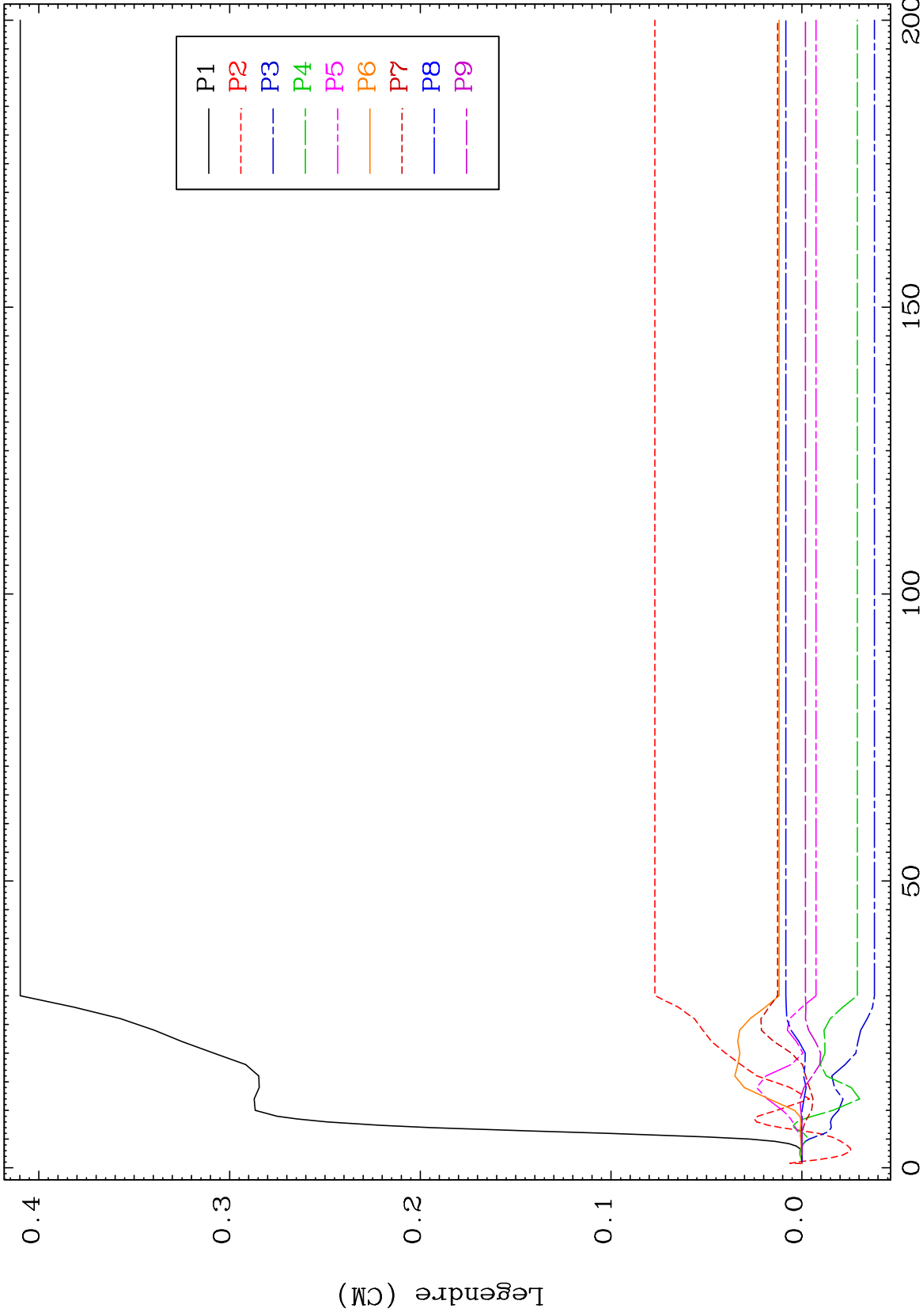
62

42-Mo-107

MAT 4270

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

42-Mo-107



63

Incident Energy (MeV)

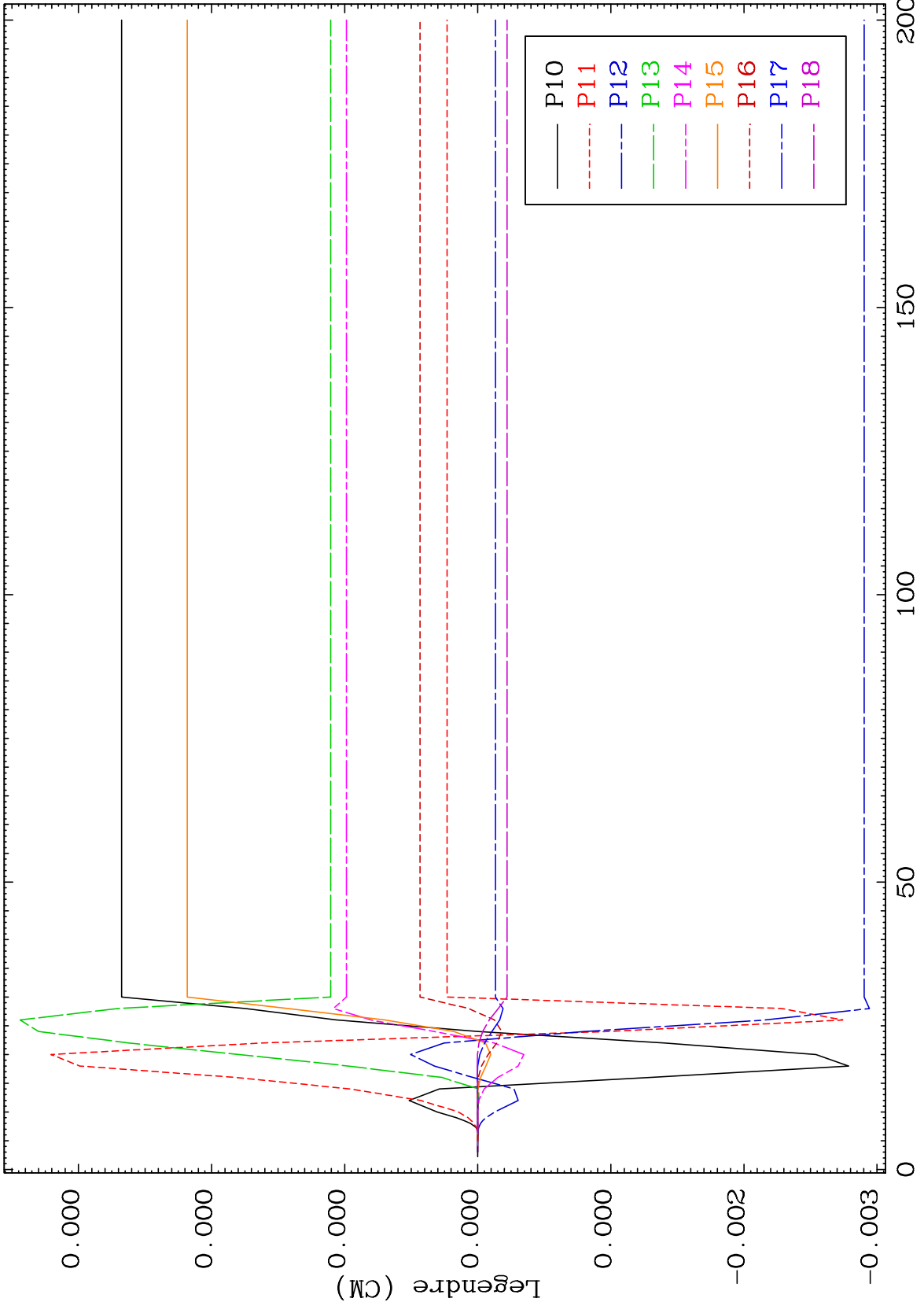
42-Mo-107



MAT 4270

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

42-Mo-107



64

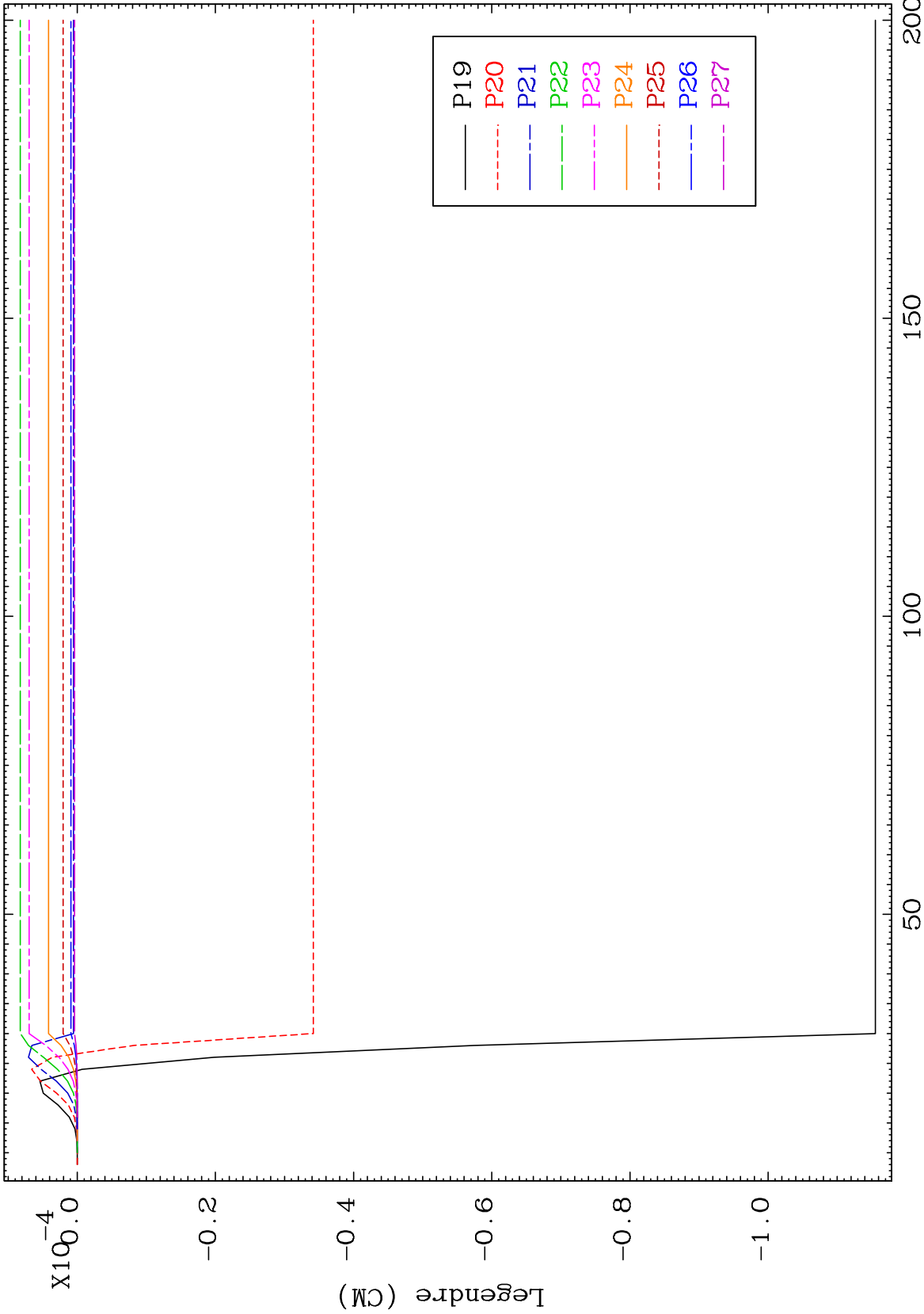
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



65

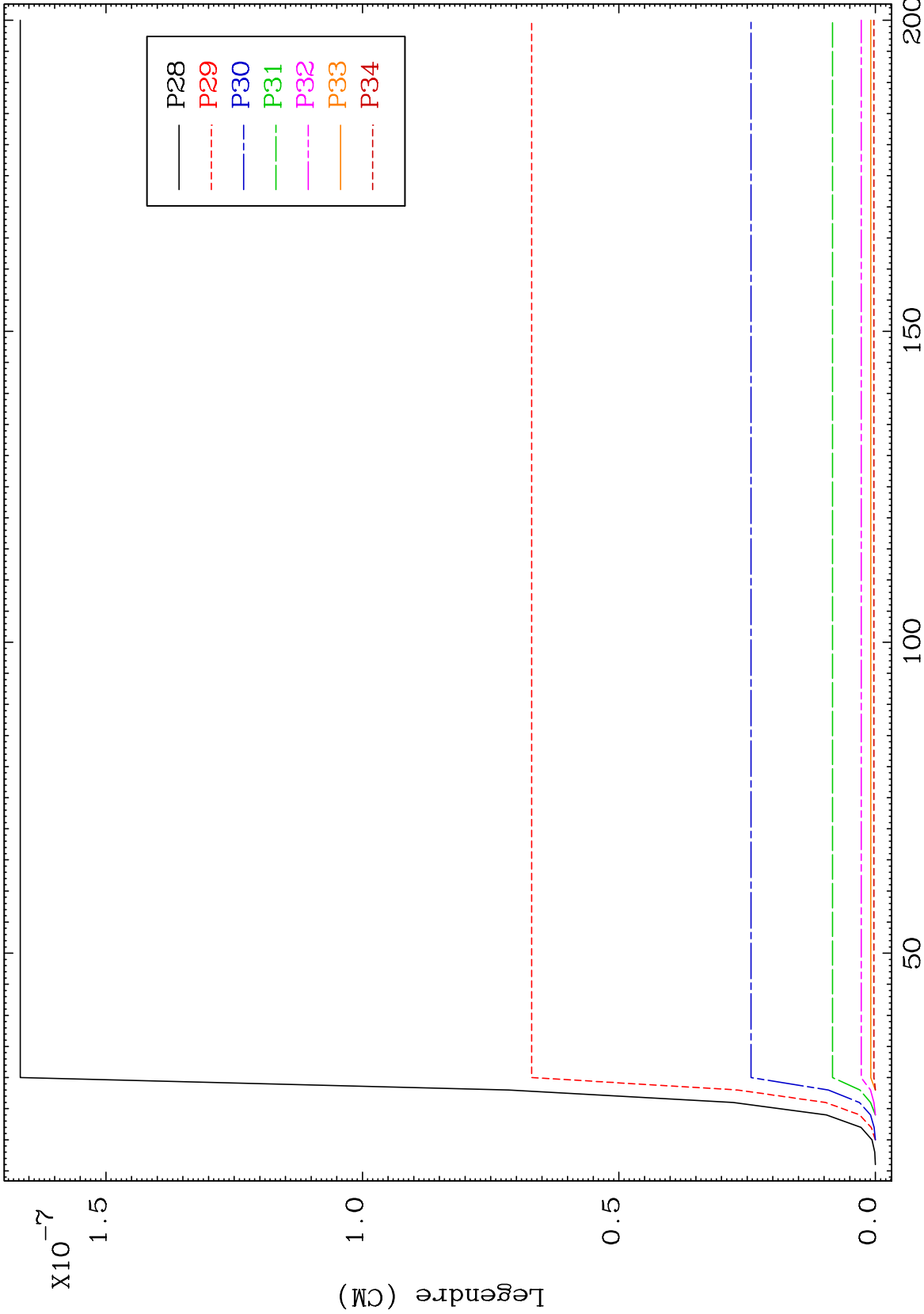
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



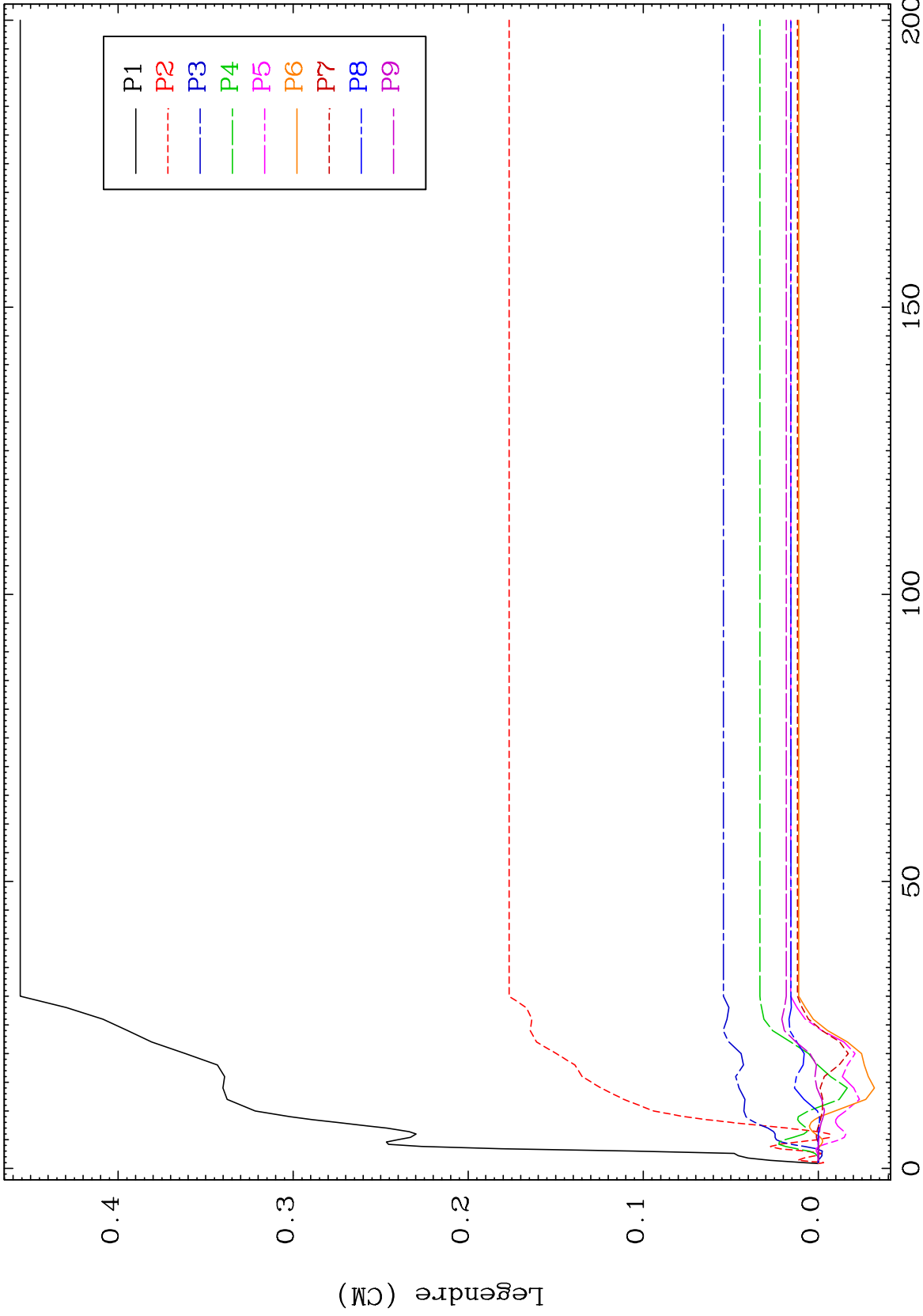
66

42-Mo-107

MAT 4270

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

42-Mo-107



67

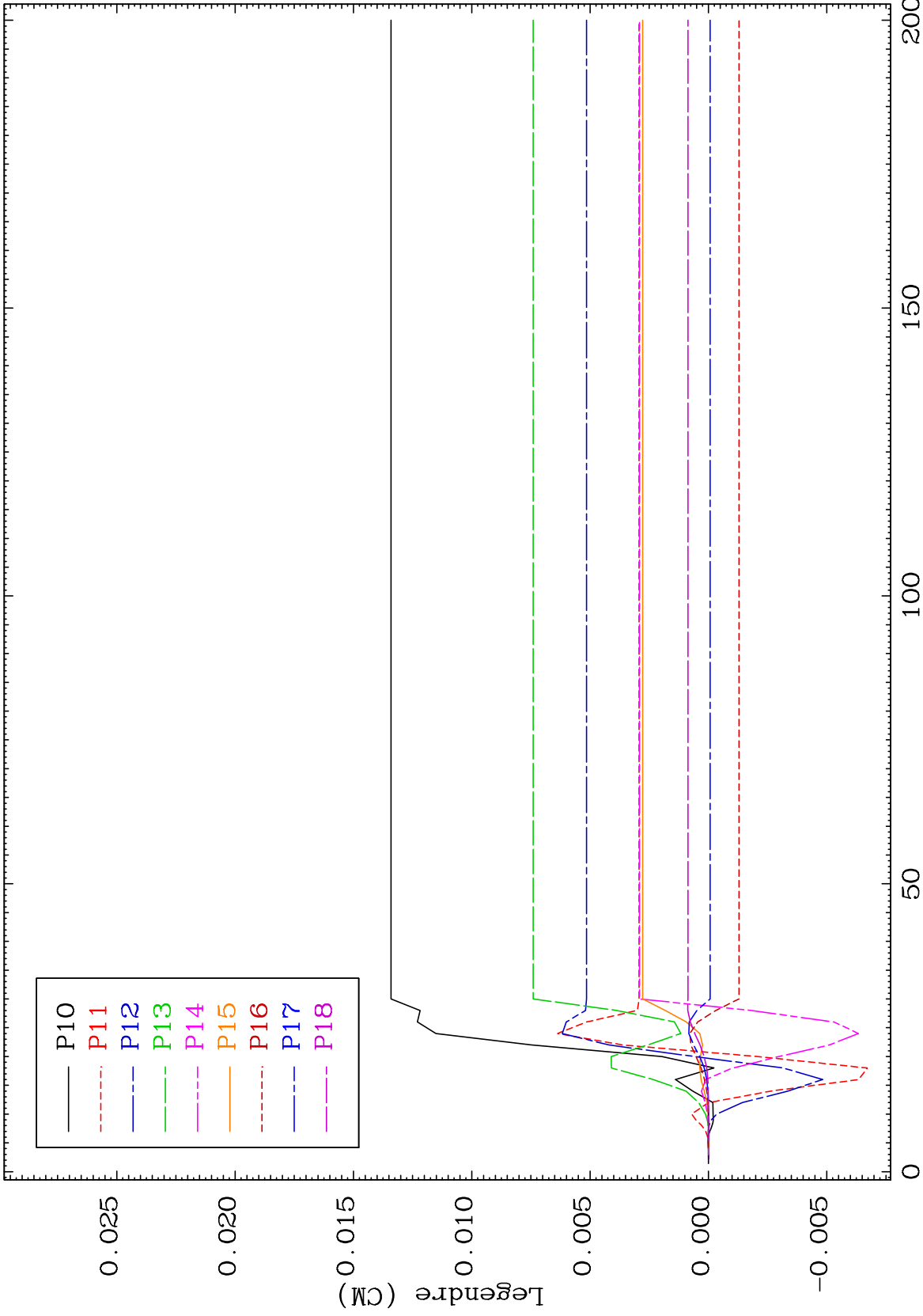
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



68

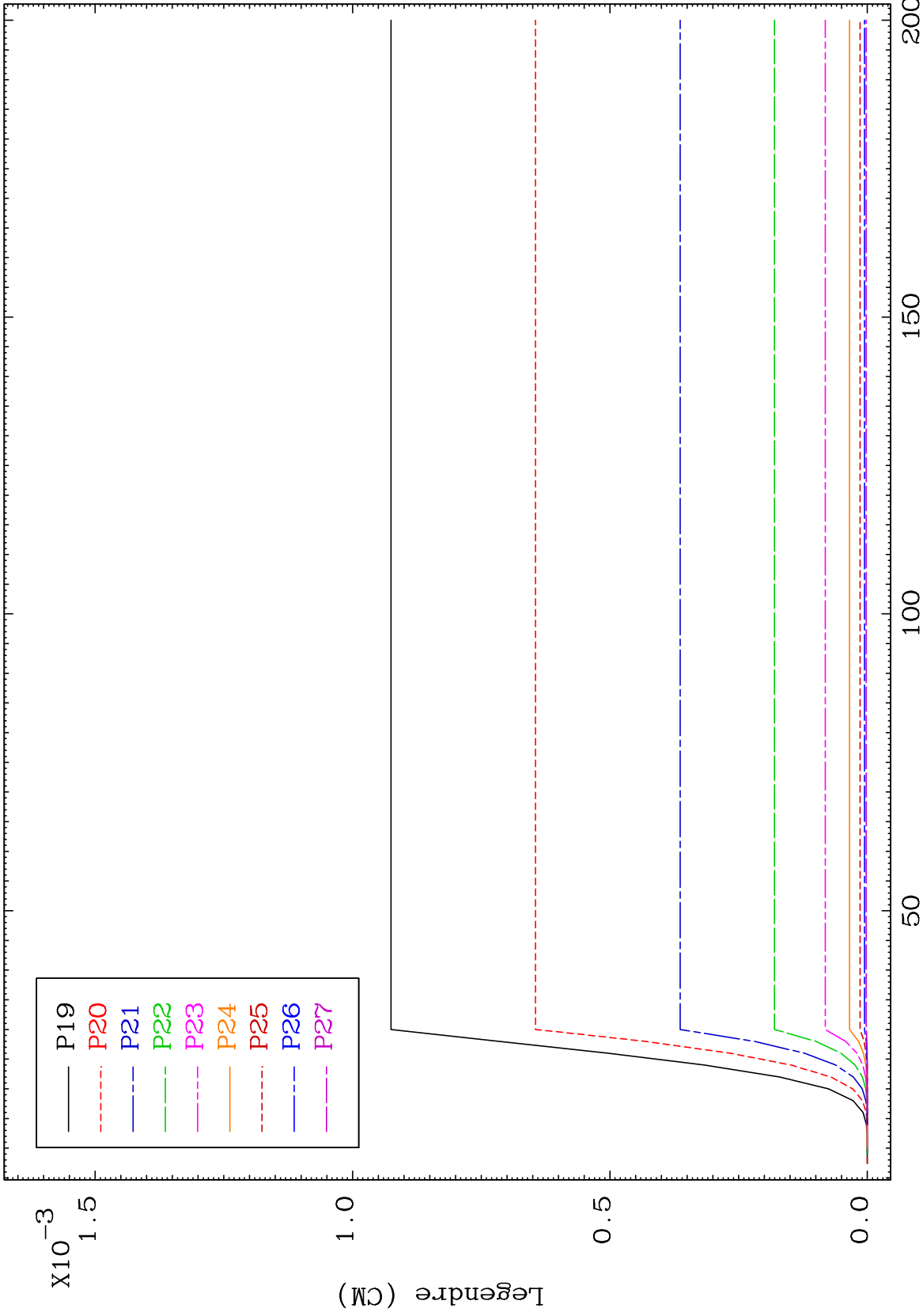
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



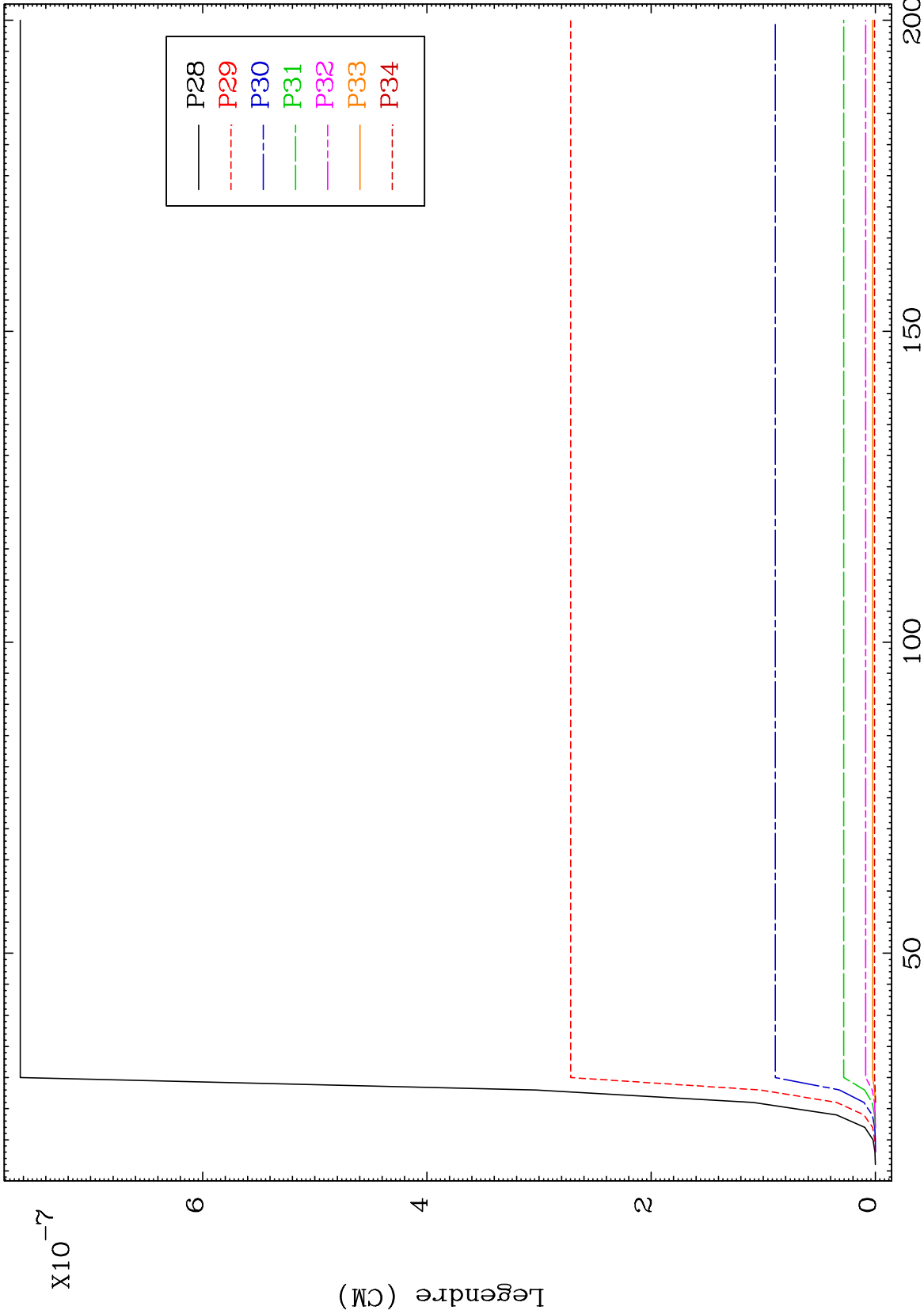
69

42-Mo-107

MAT 4270

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

42-Mo-107



70

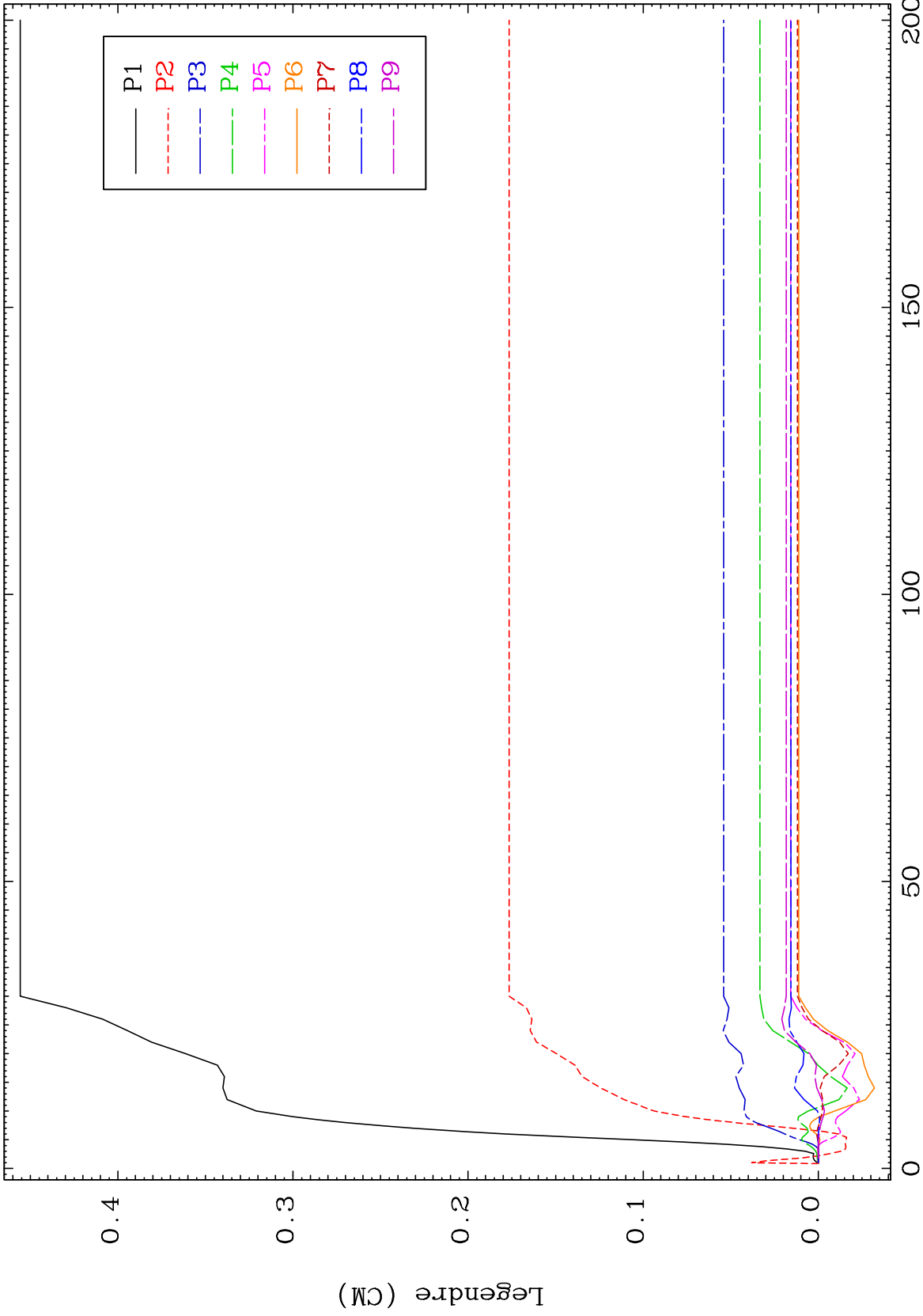
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



71

Incident Energy (MeV)

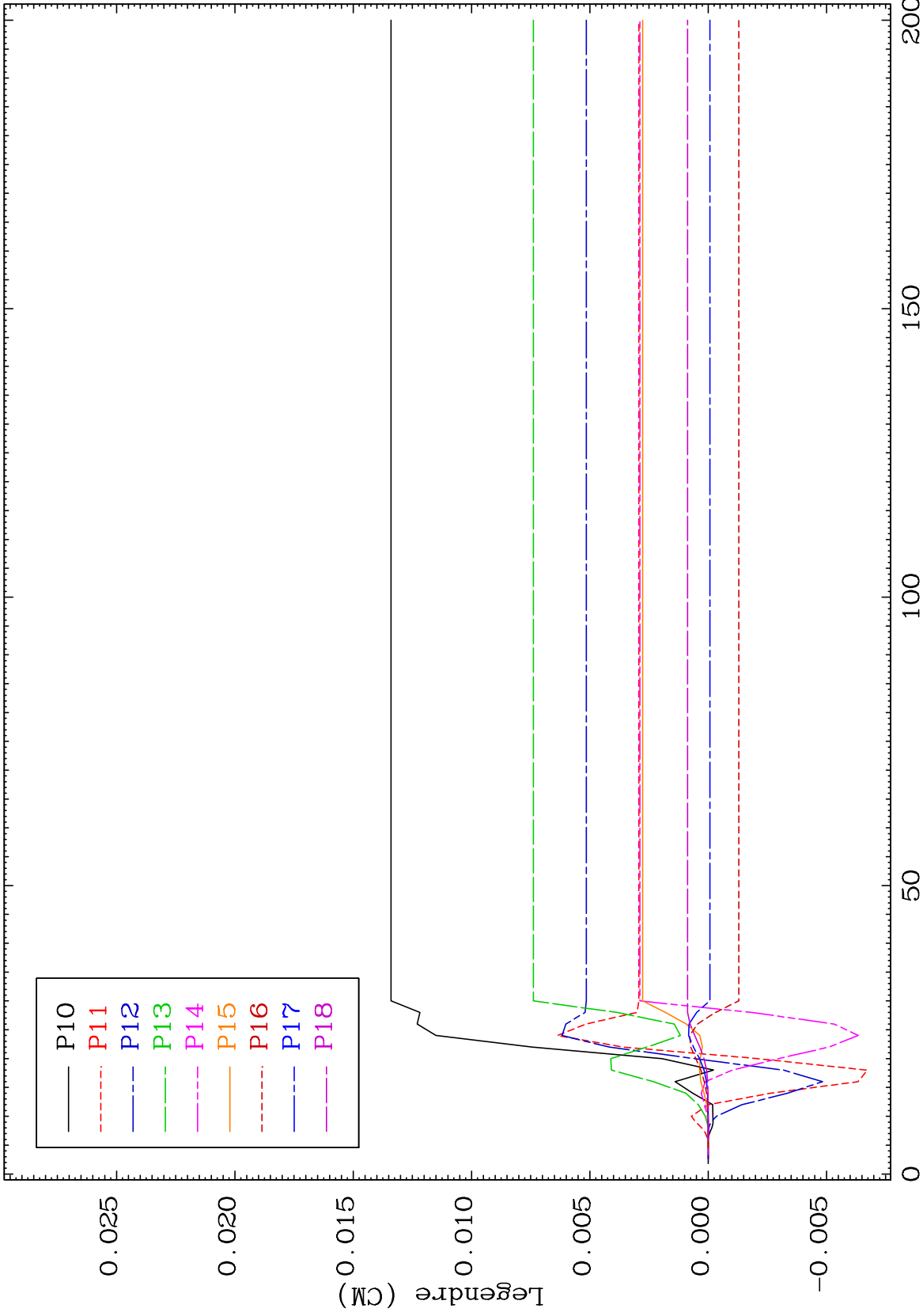
42-Mo-107



MAT 4270

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

42-Mo-107



72

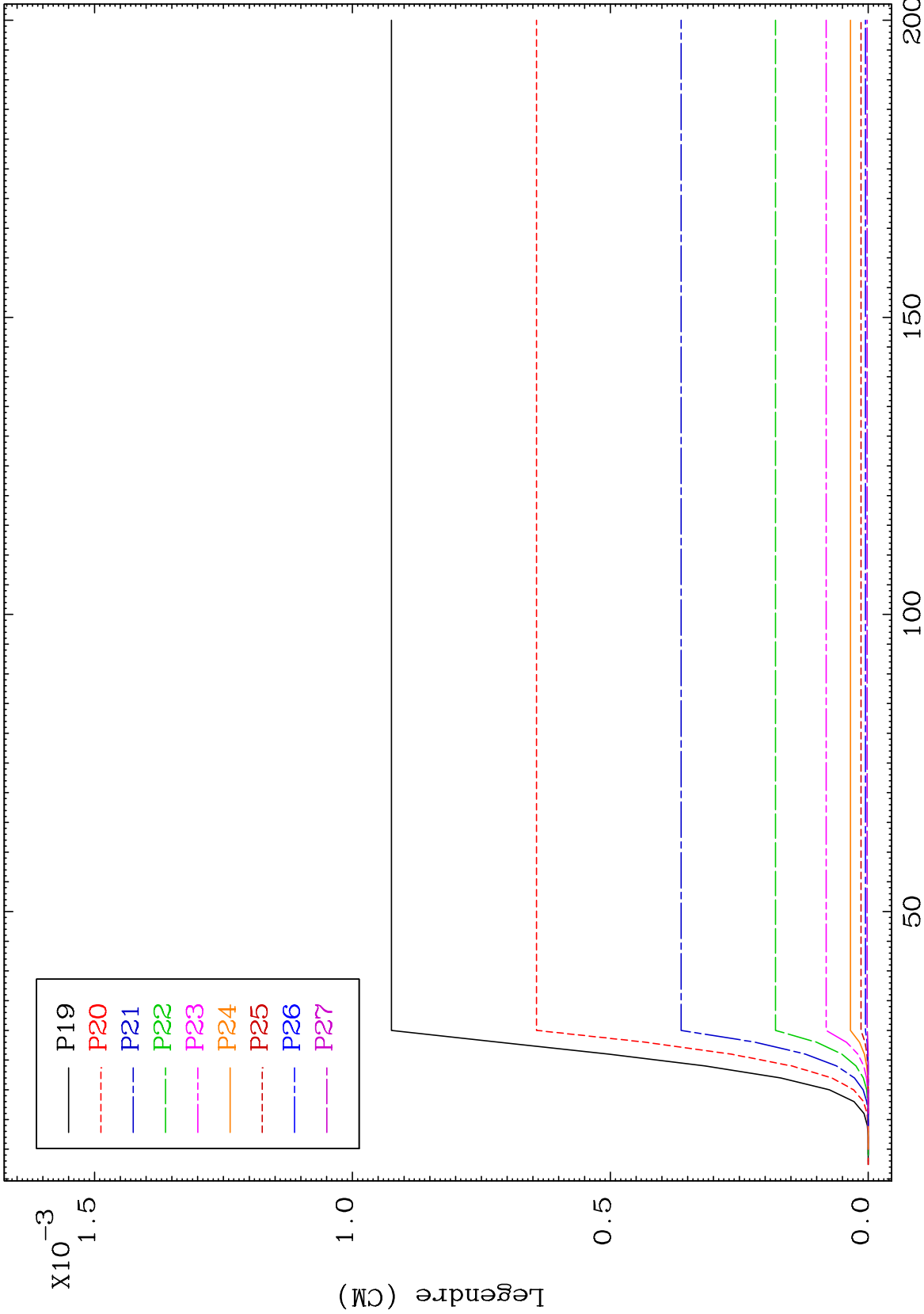
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



73

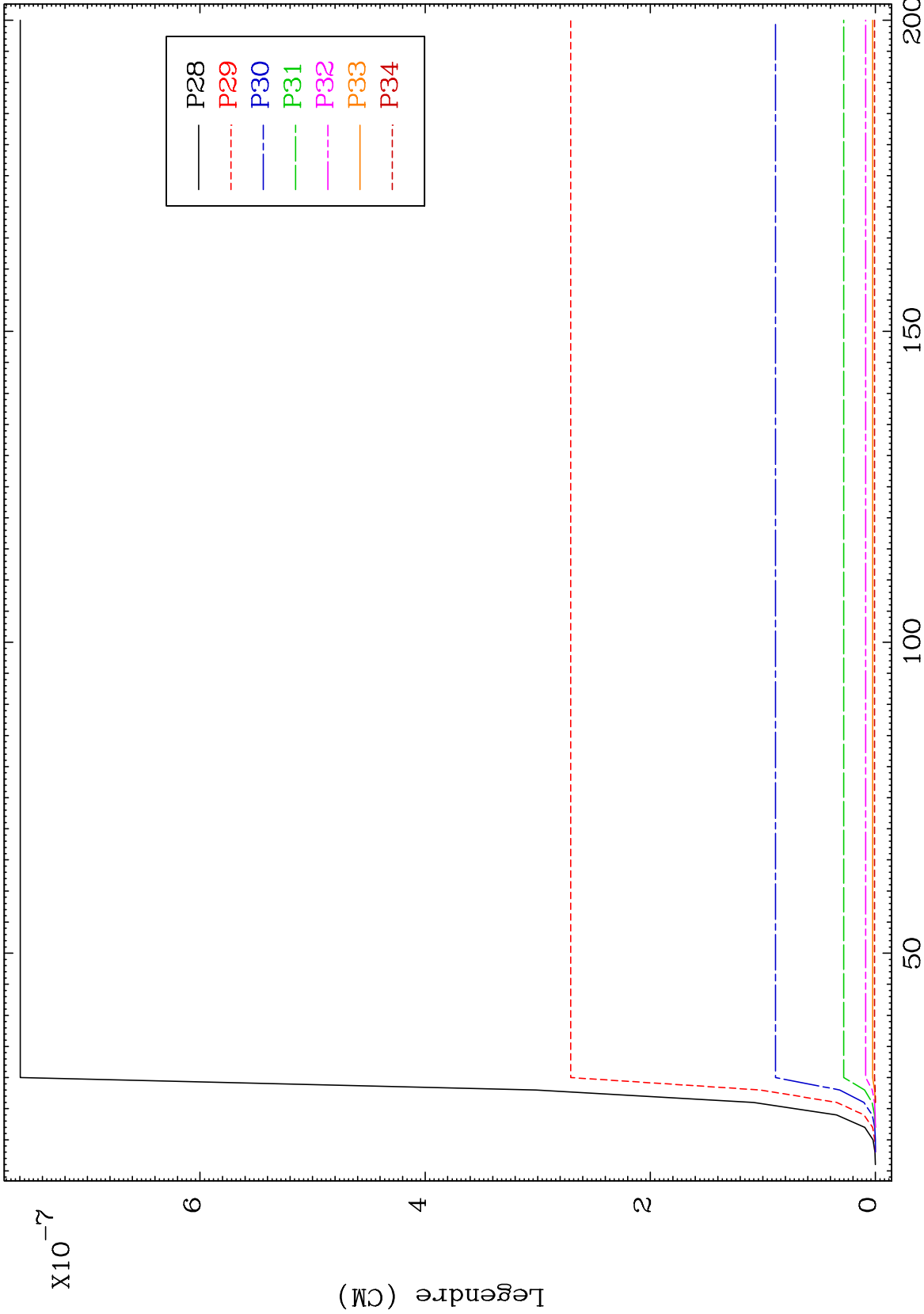
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



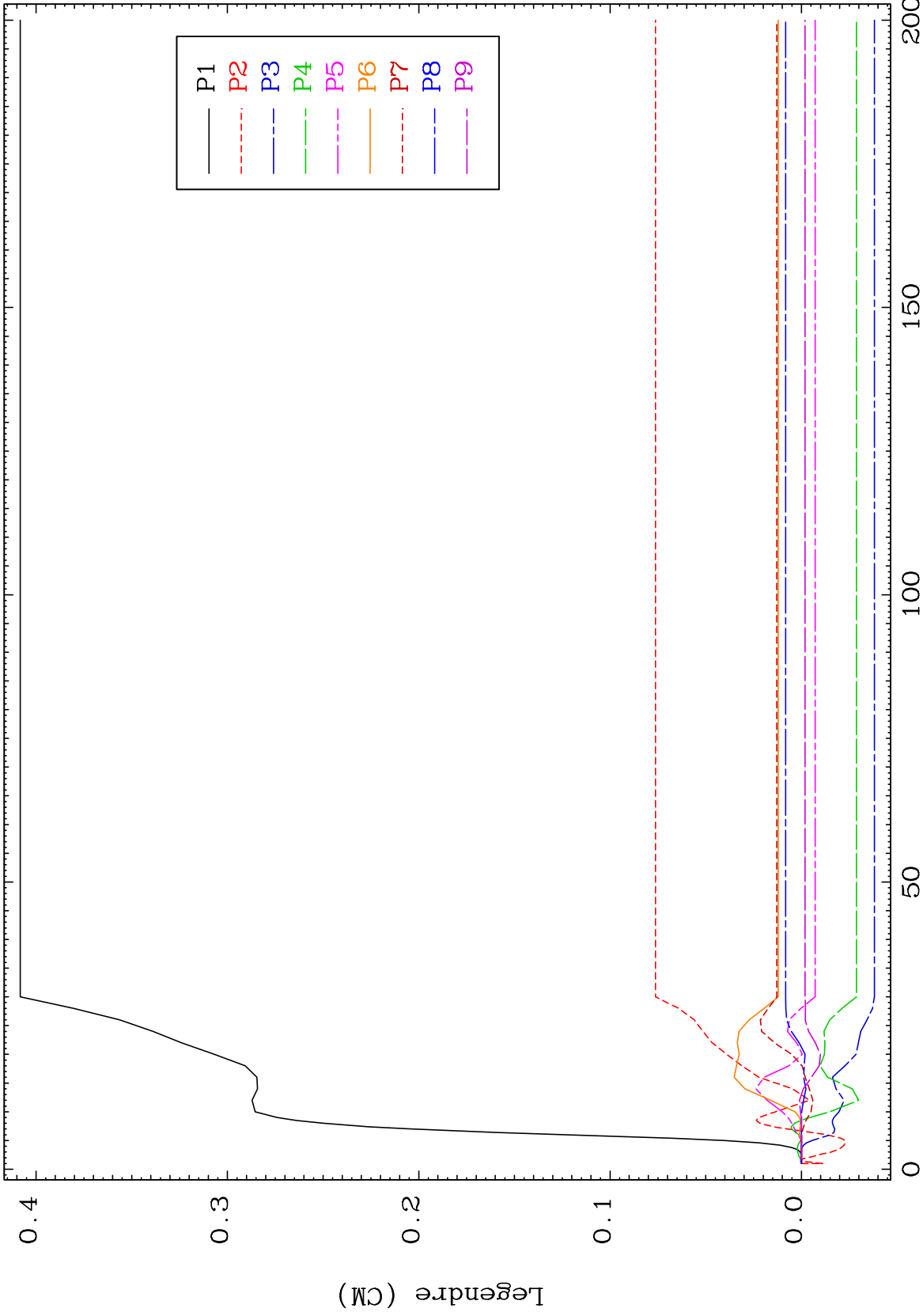
74

42-Mo-107

MAT 4270

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

42-Mo-107



75

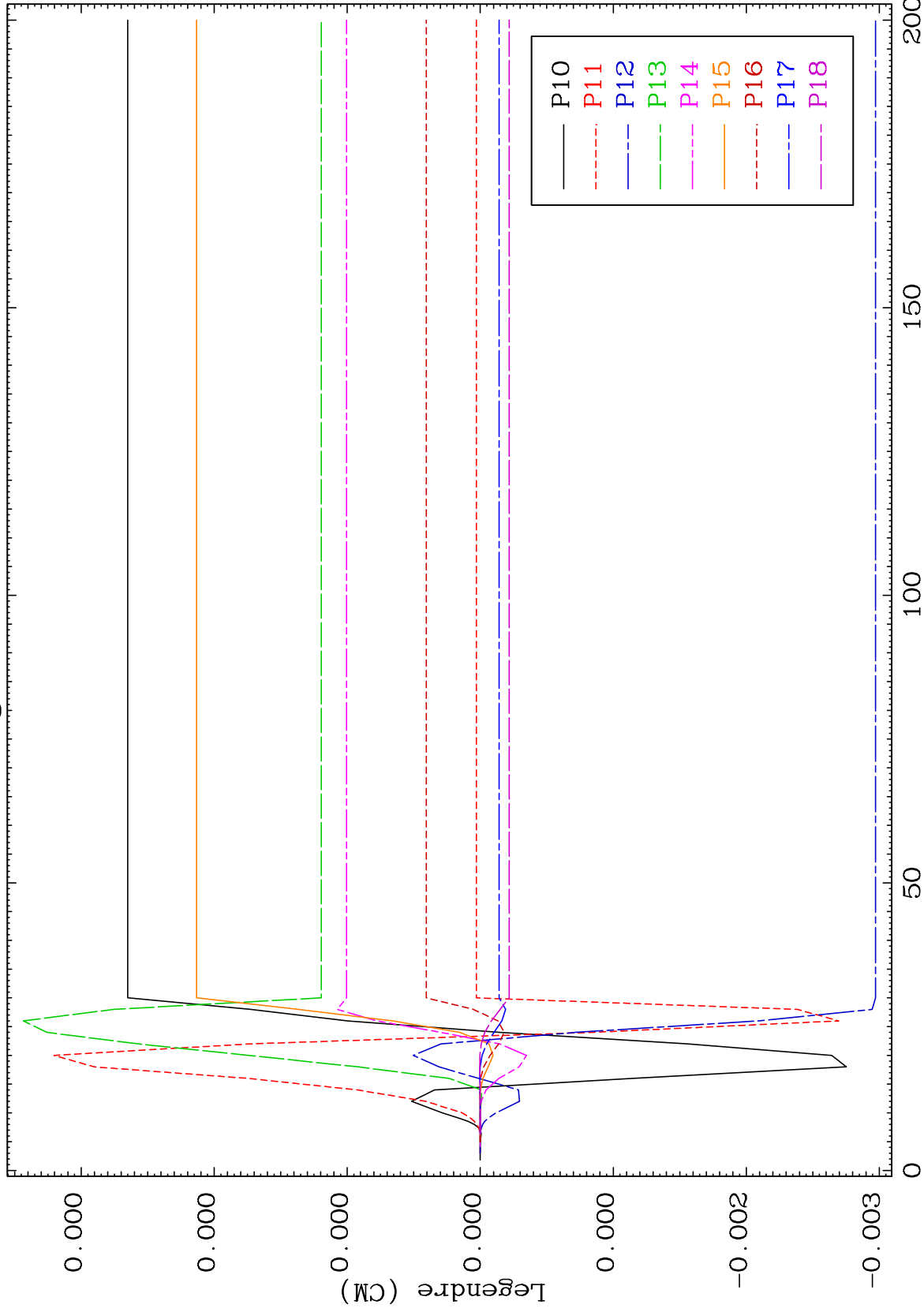
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



76

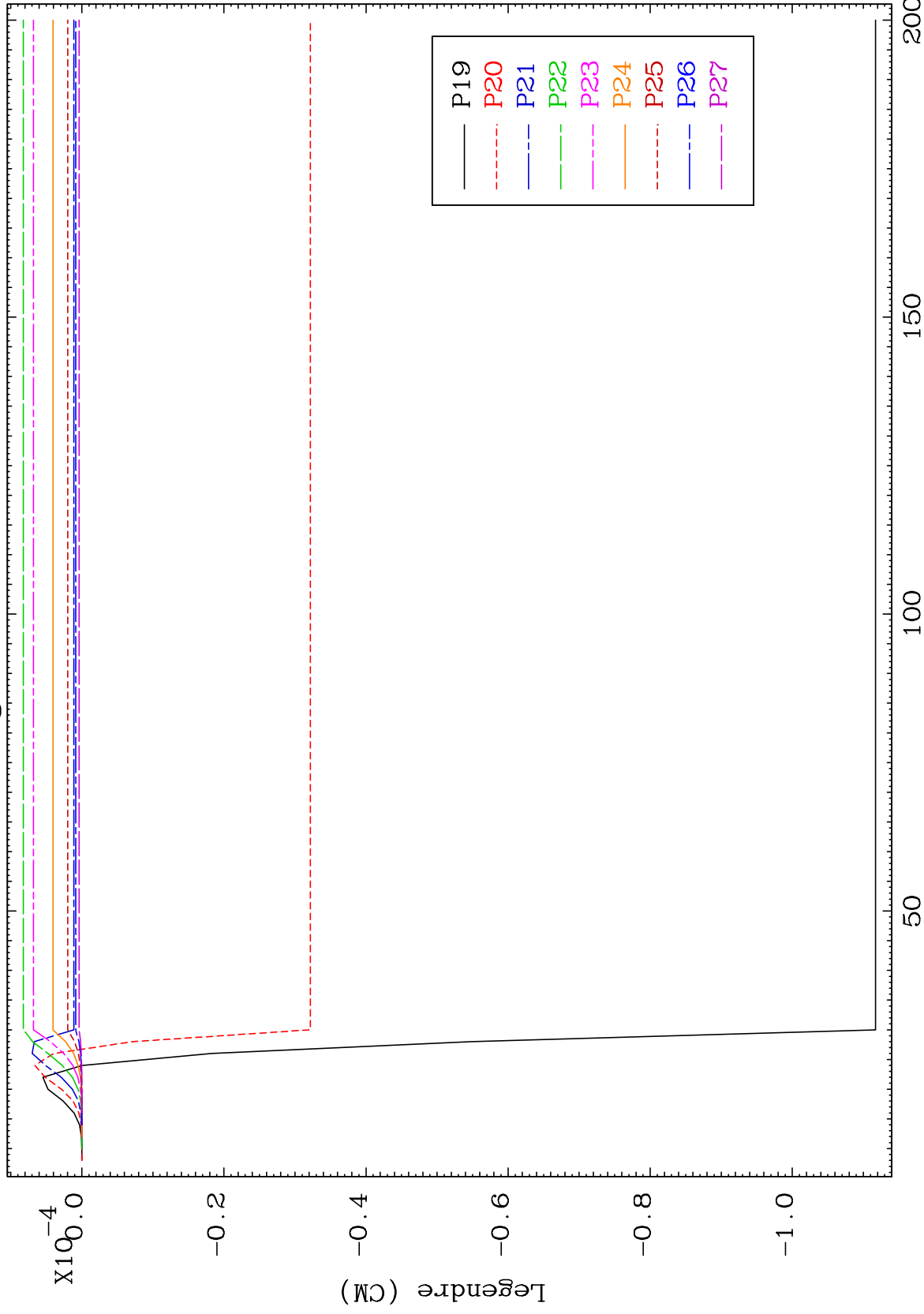
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



42-Mo-107

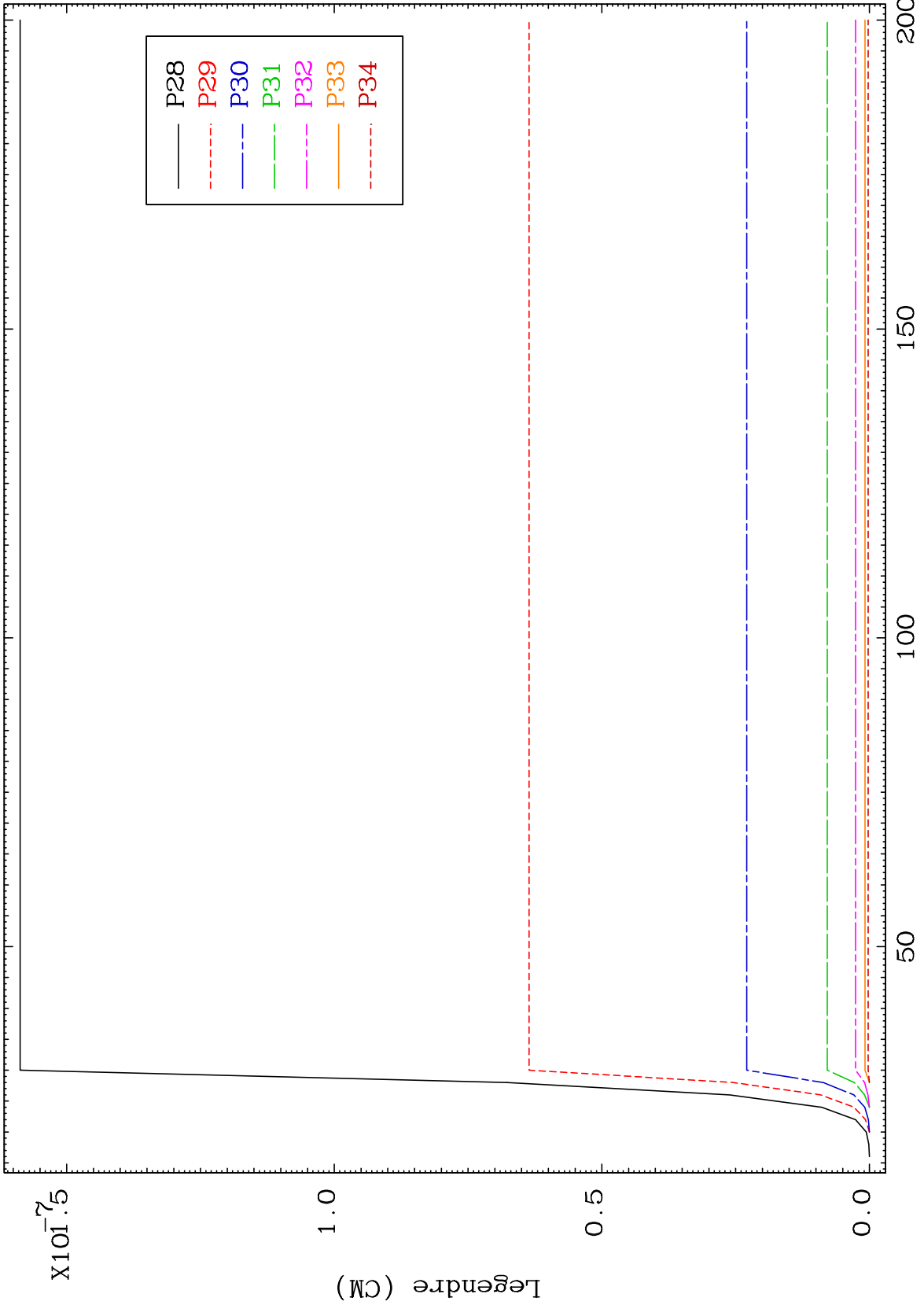
Incident Energy (MeV)

77

MAT 4270

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

42-Mo-107



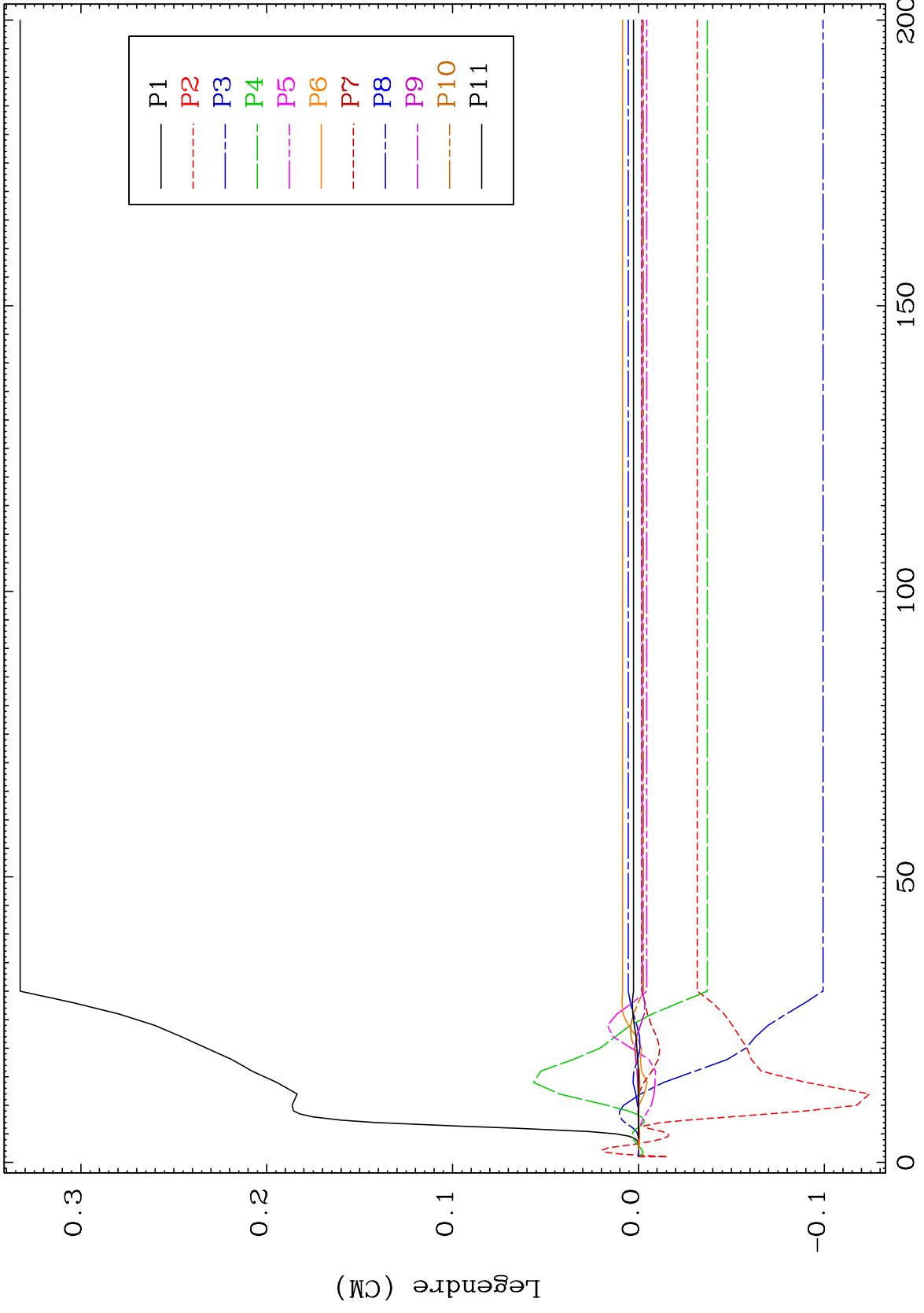
78

42-Mo-107

MAT 4270

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

42-Mo-107



79

Incident Energy (MeV)

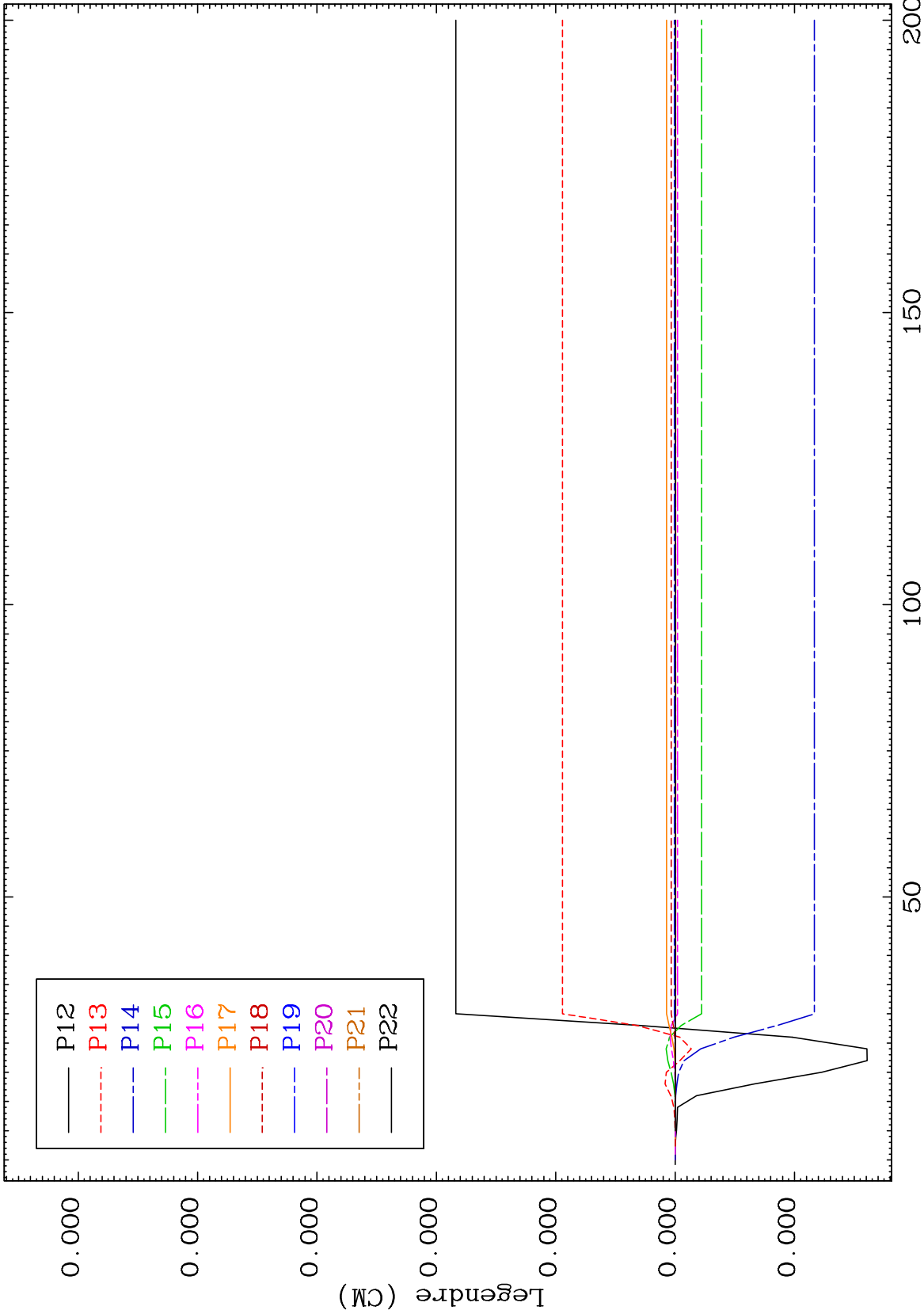
42-Mo-107



MAT 4270

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

42-Mo-107



80

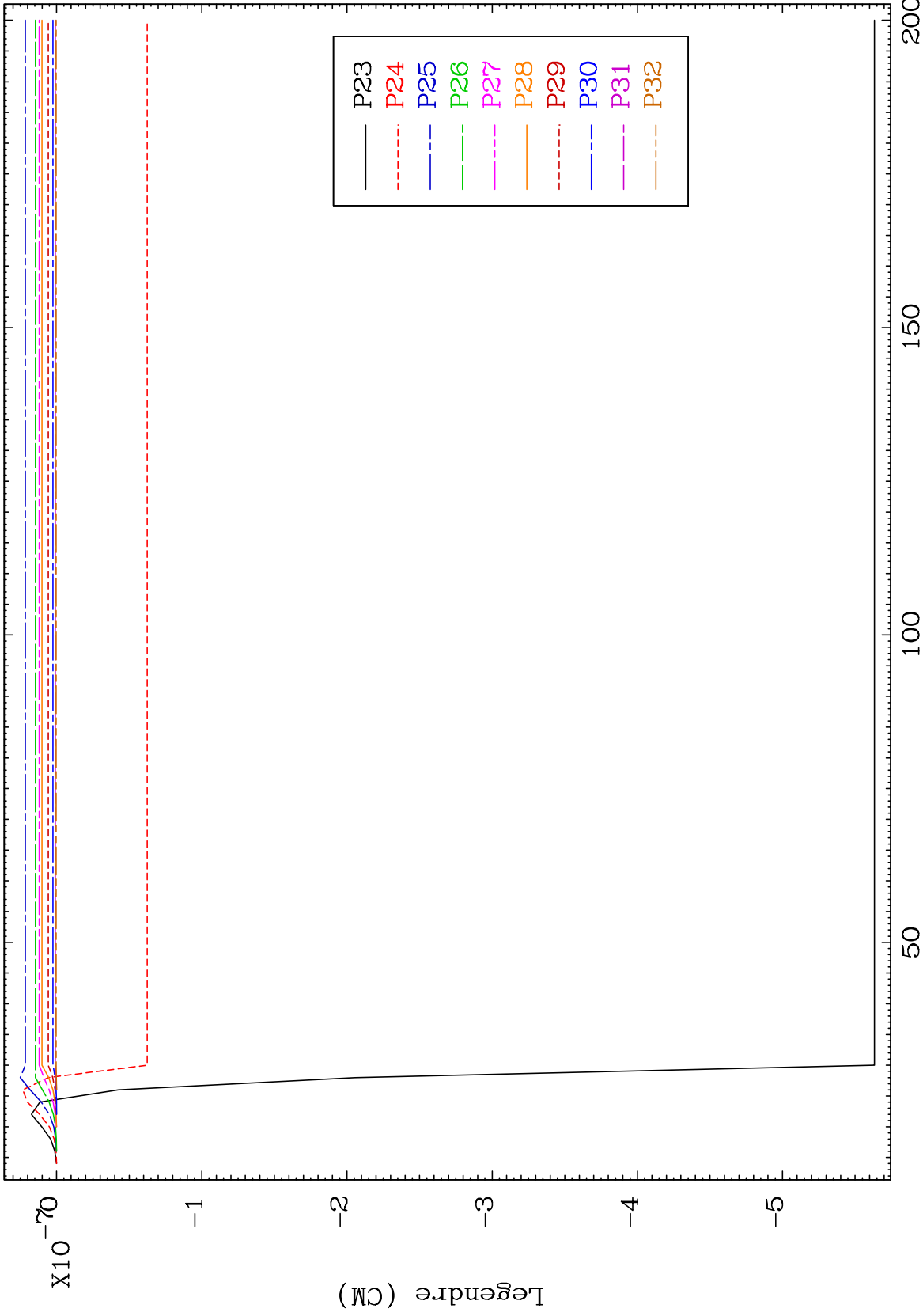
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



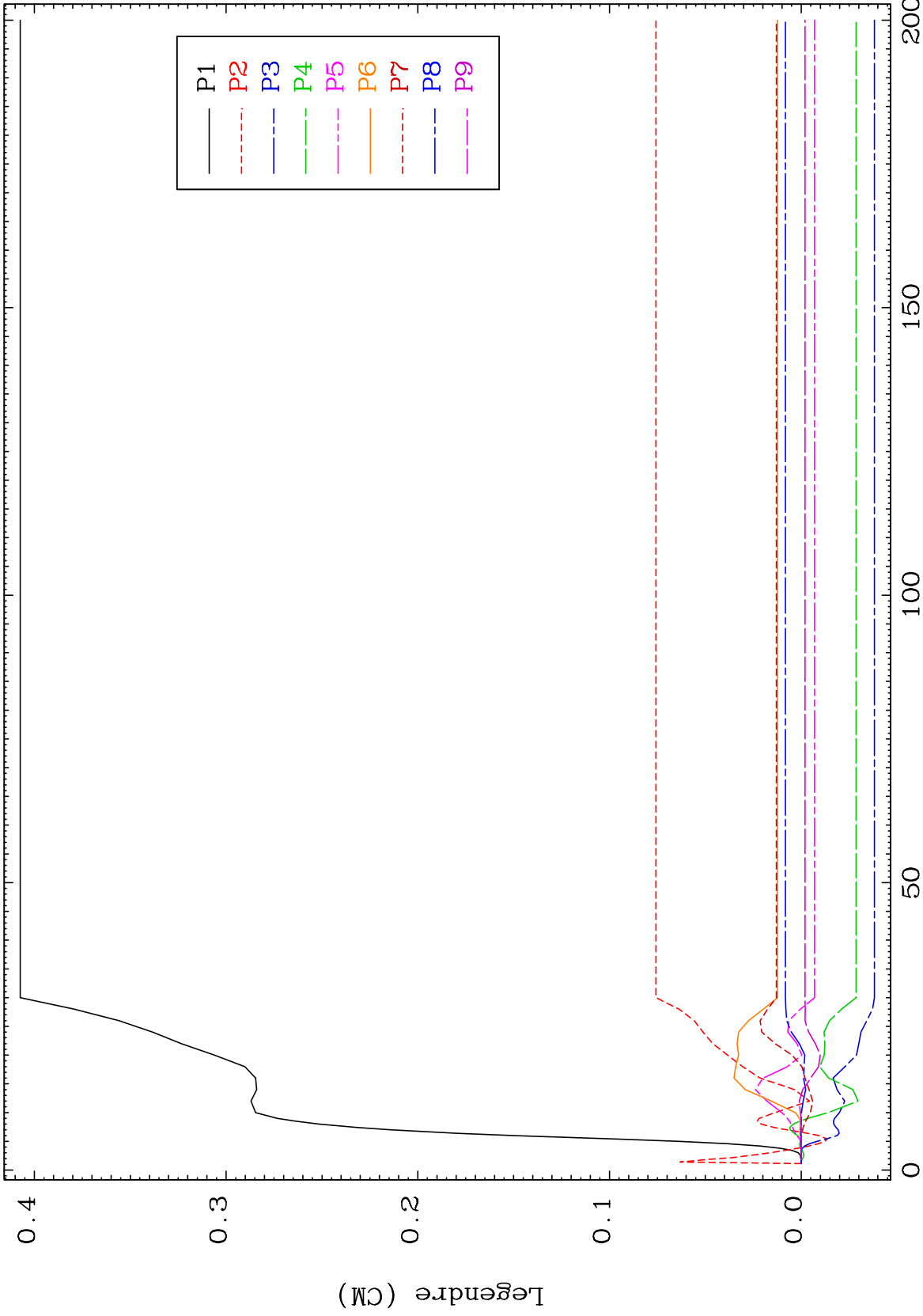
81

42-Mo-107

MAT 4270

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

42-Mo-107



82

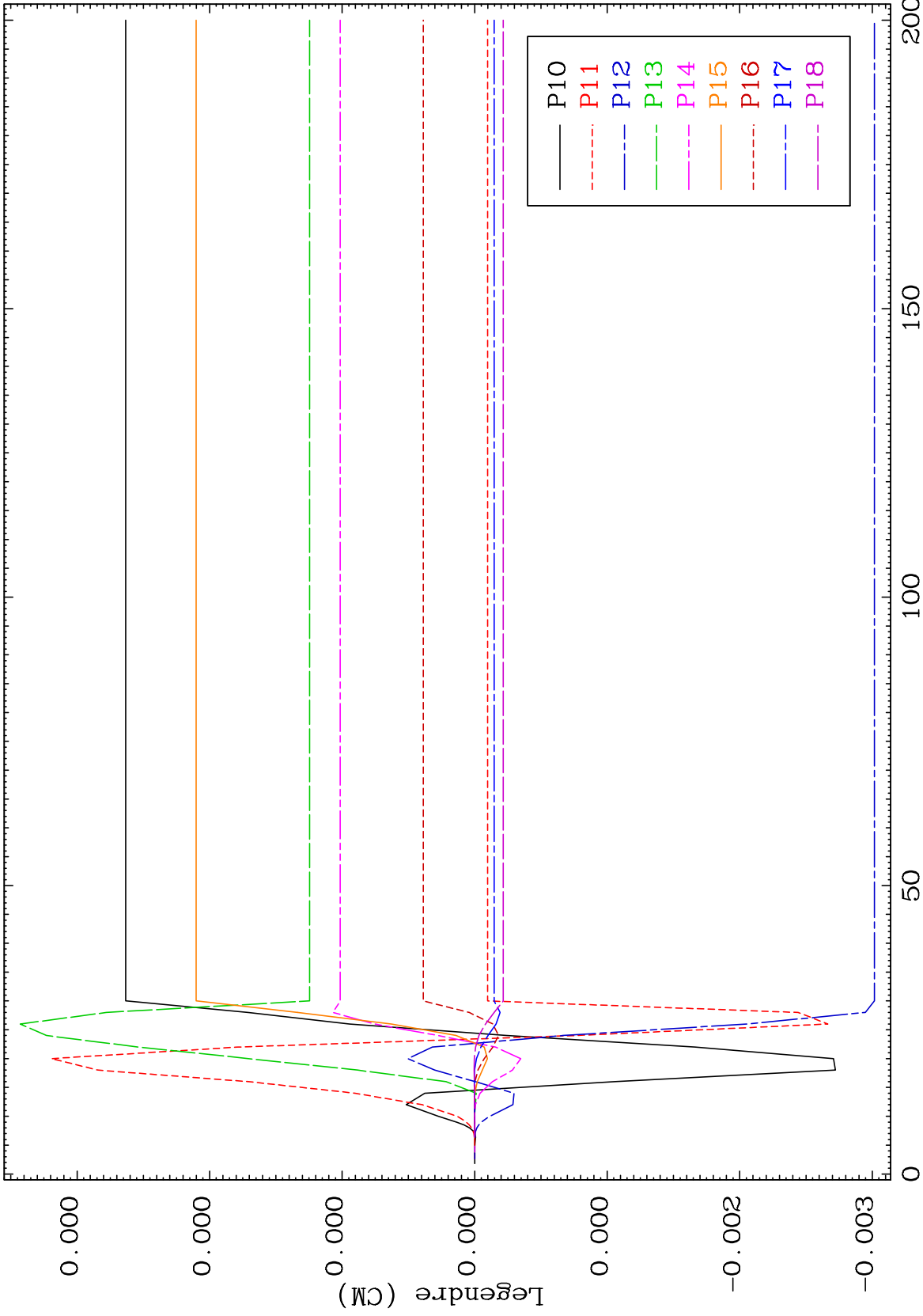
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



83

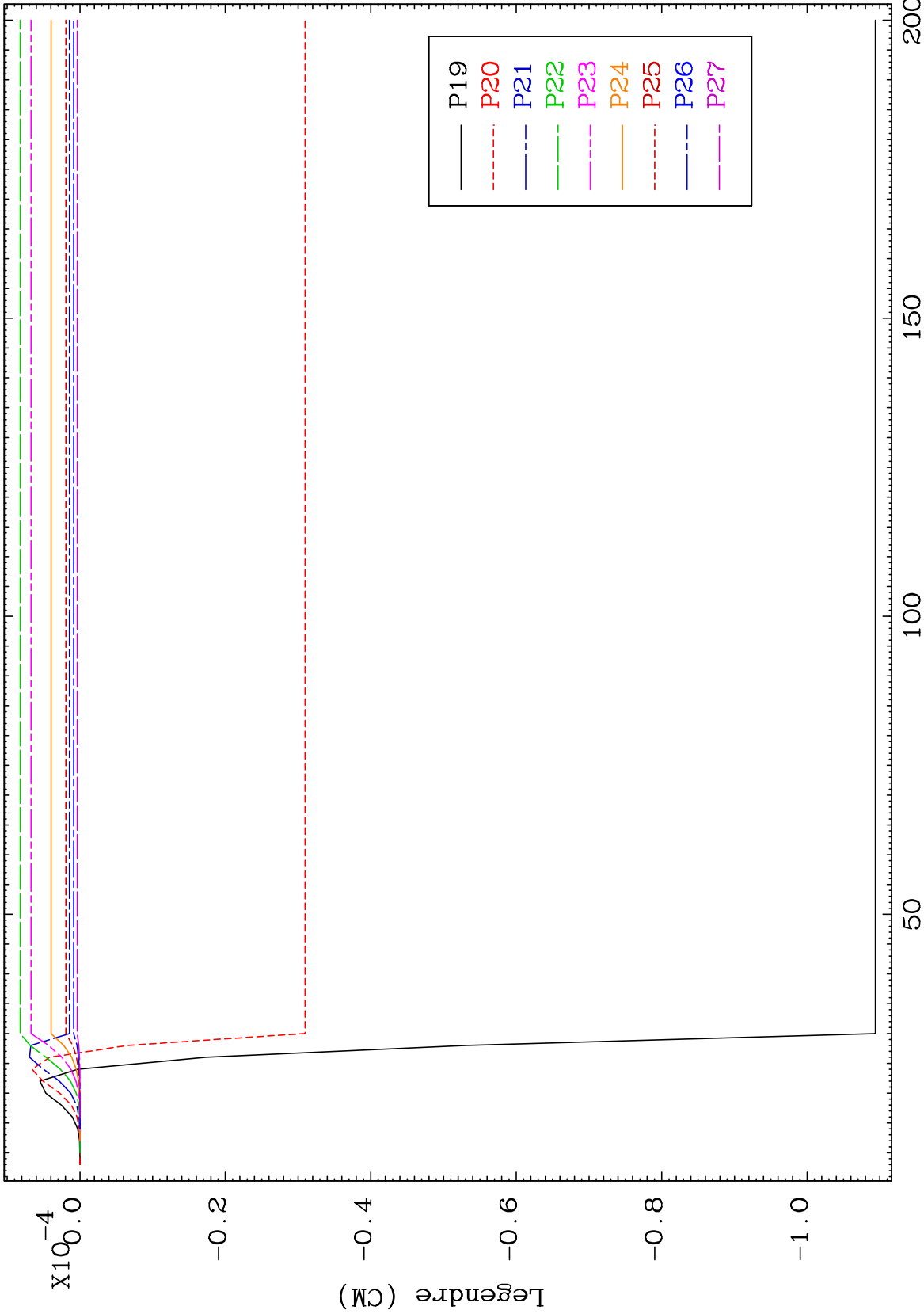
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

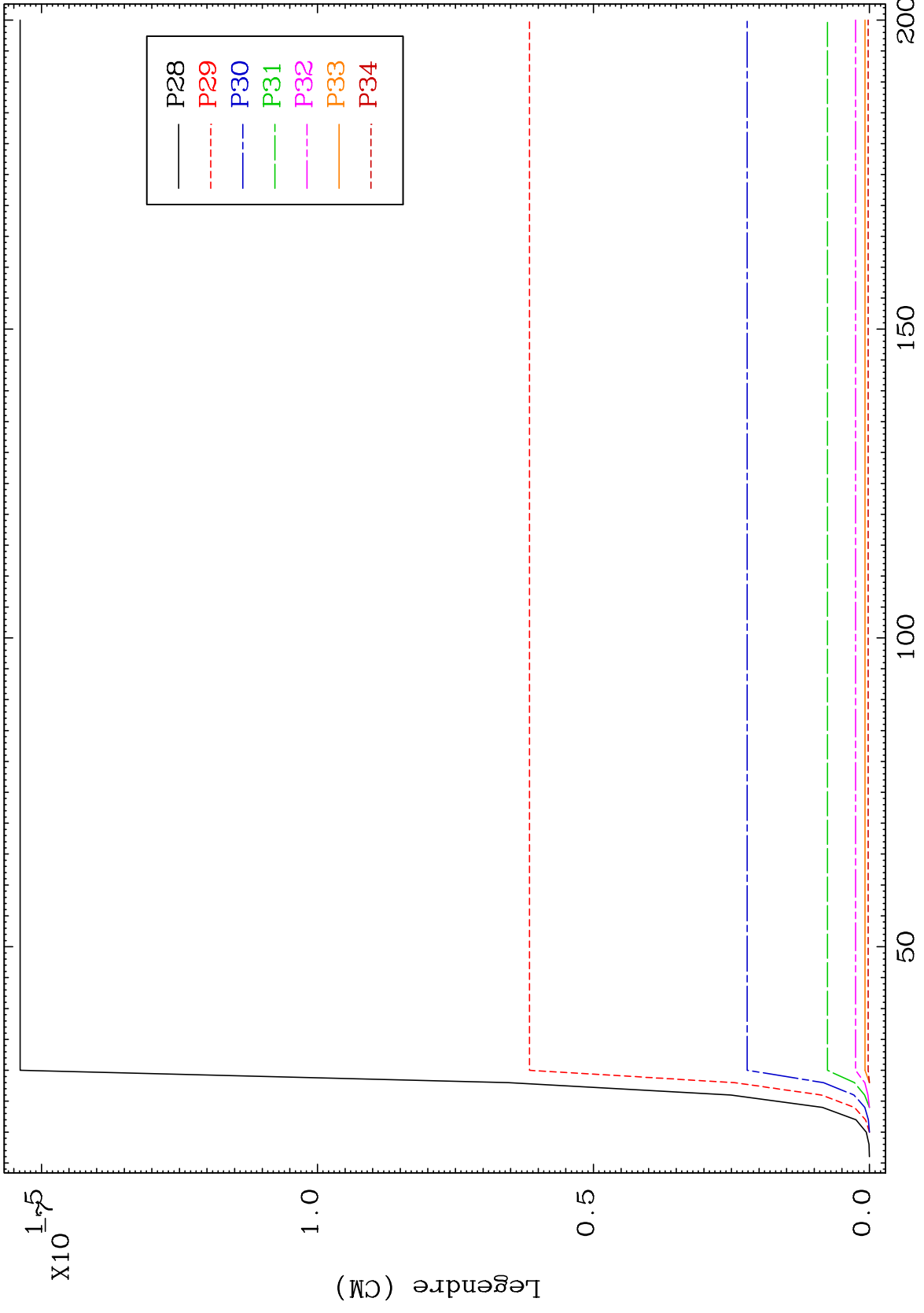
42-Mo-107



MAT 4270

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

42-Mo-107

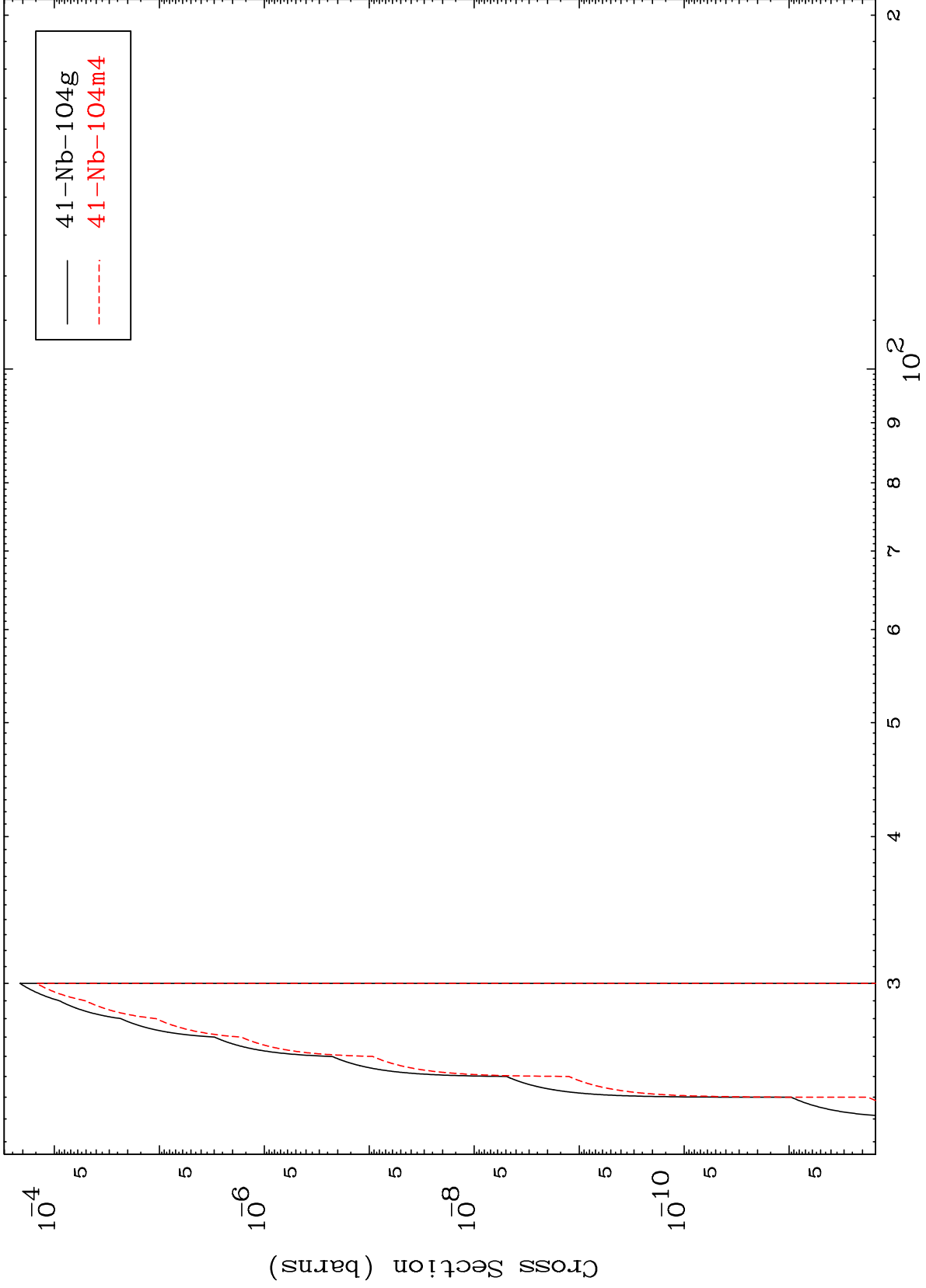


85

Incident Energy (MeV)

42-Mo-107

Radionuclide Production Cross Section

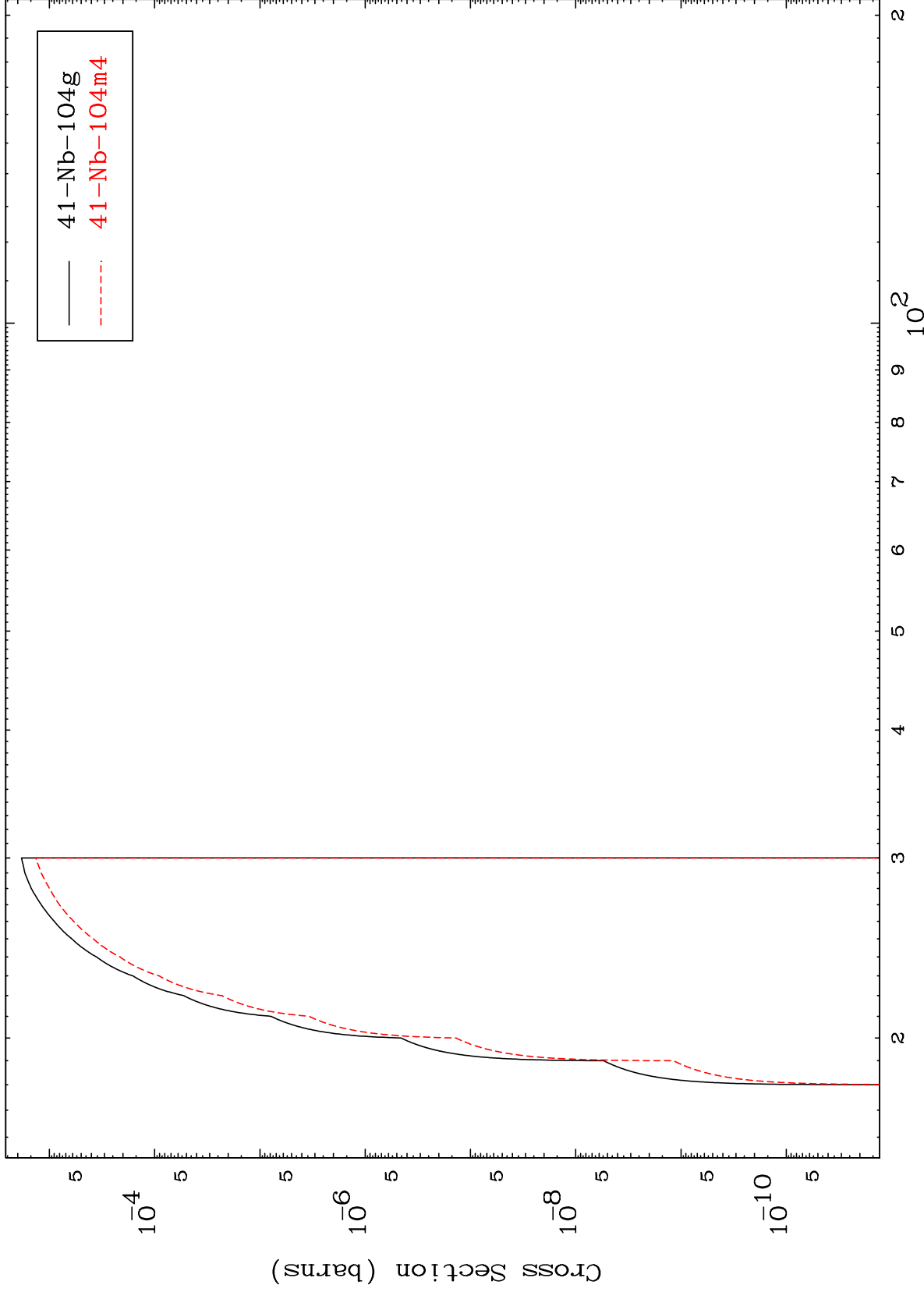


MAT 4270

(n,n') t

42-Mo-107

Radionuclide Production Cross Section



87

Incident Energy (MeV)

42-Mo-107

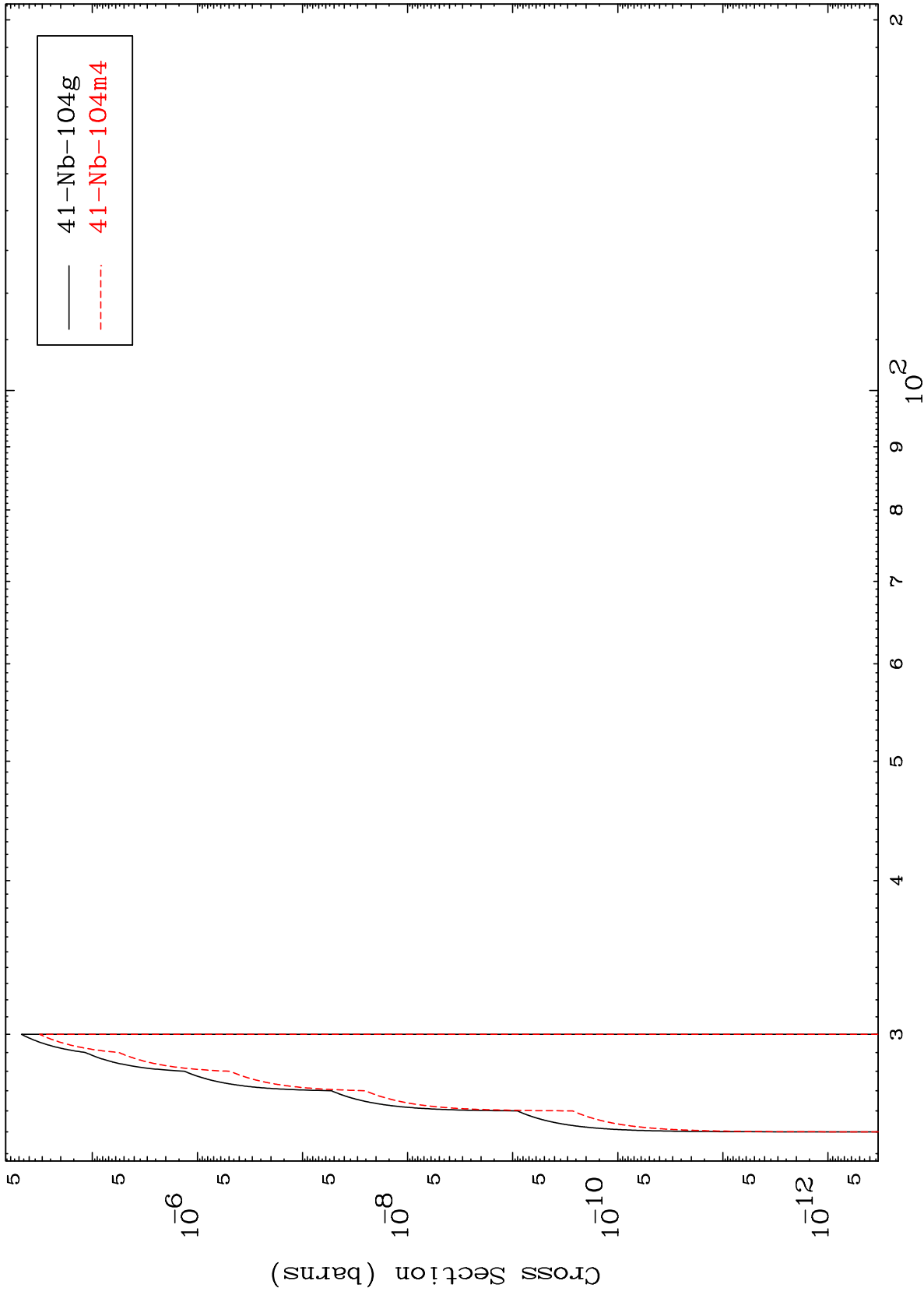


MAT 4270

(n,3n) p

42-Mo-107

Radionuclide Production Cross Section



88

Incident Energy (MeV)

42-Mo-107