

Program EVALPLOT  
(Version 2021-1)

by

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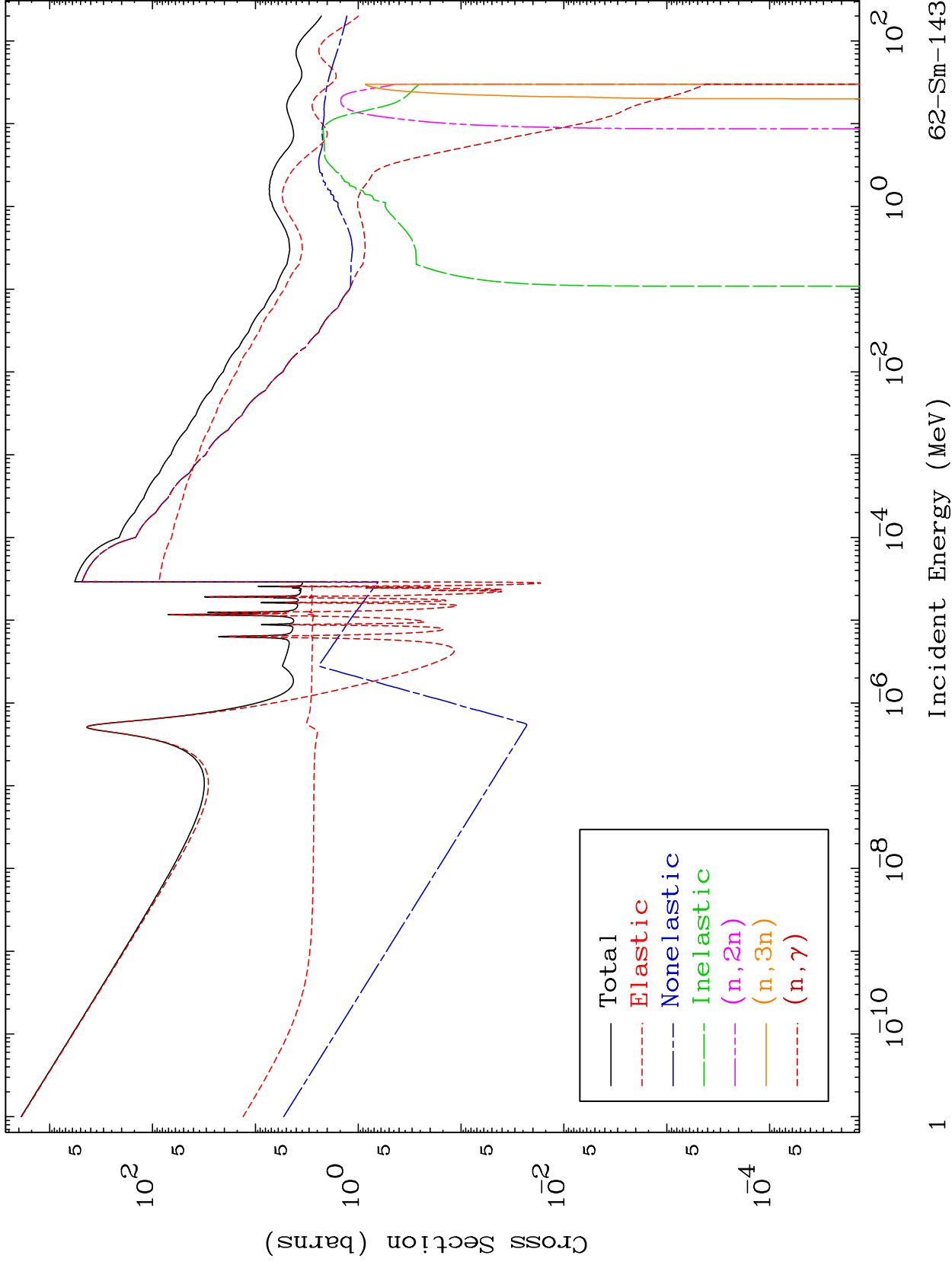
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Press Mouse Button to Start

MAT 6222

Neutron Major  
293 Kelvin Cross Sections

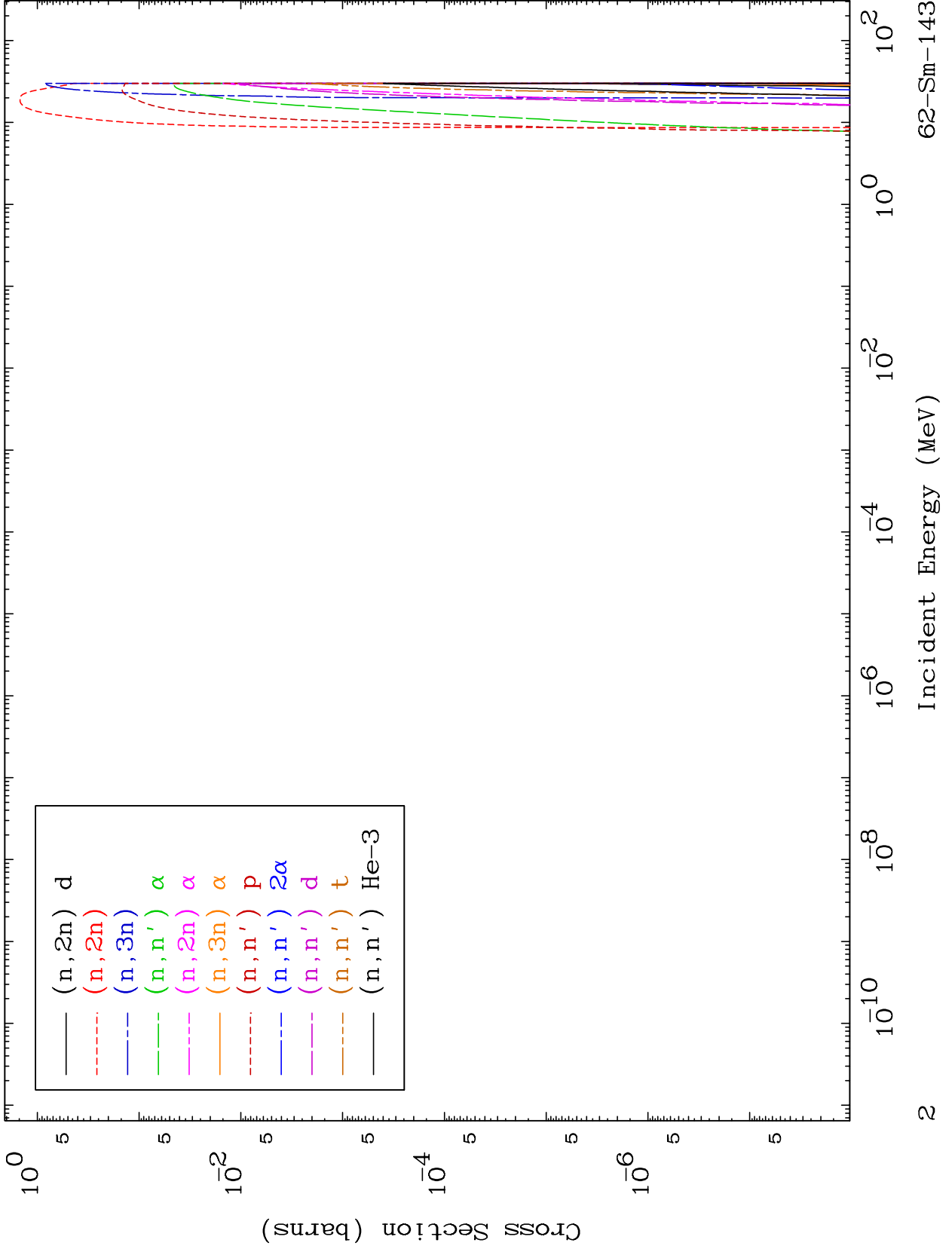
62-Sm-143



MAT 6222

Neutron Absorption  
293 Kelvin Cross Sections

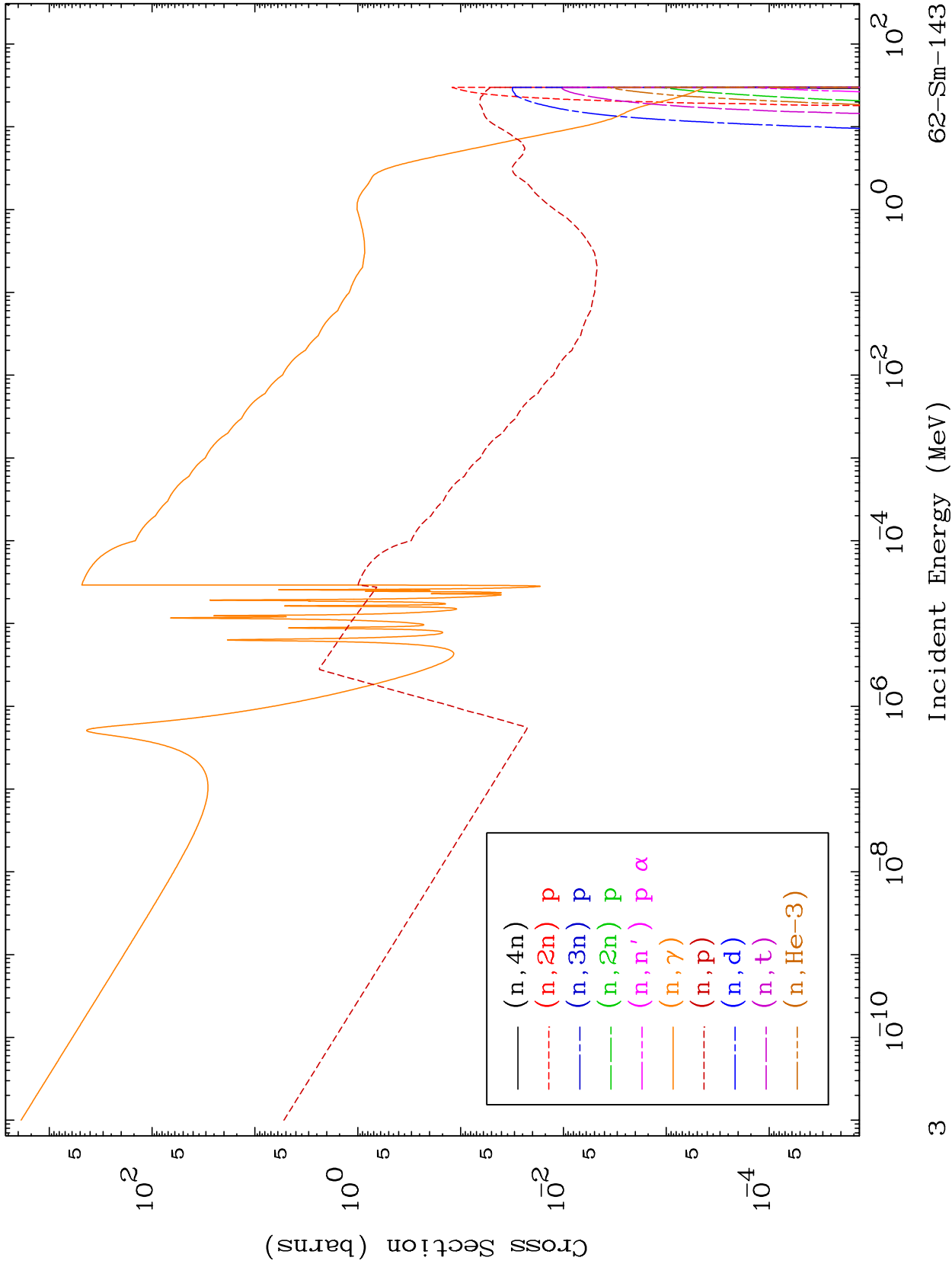
62-Sm-143



MAT 6222

Neutron Absorption  
293 Kelvin Cross Sections

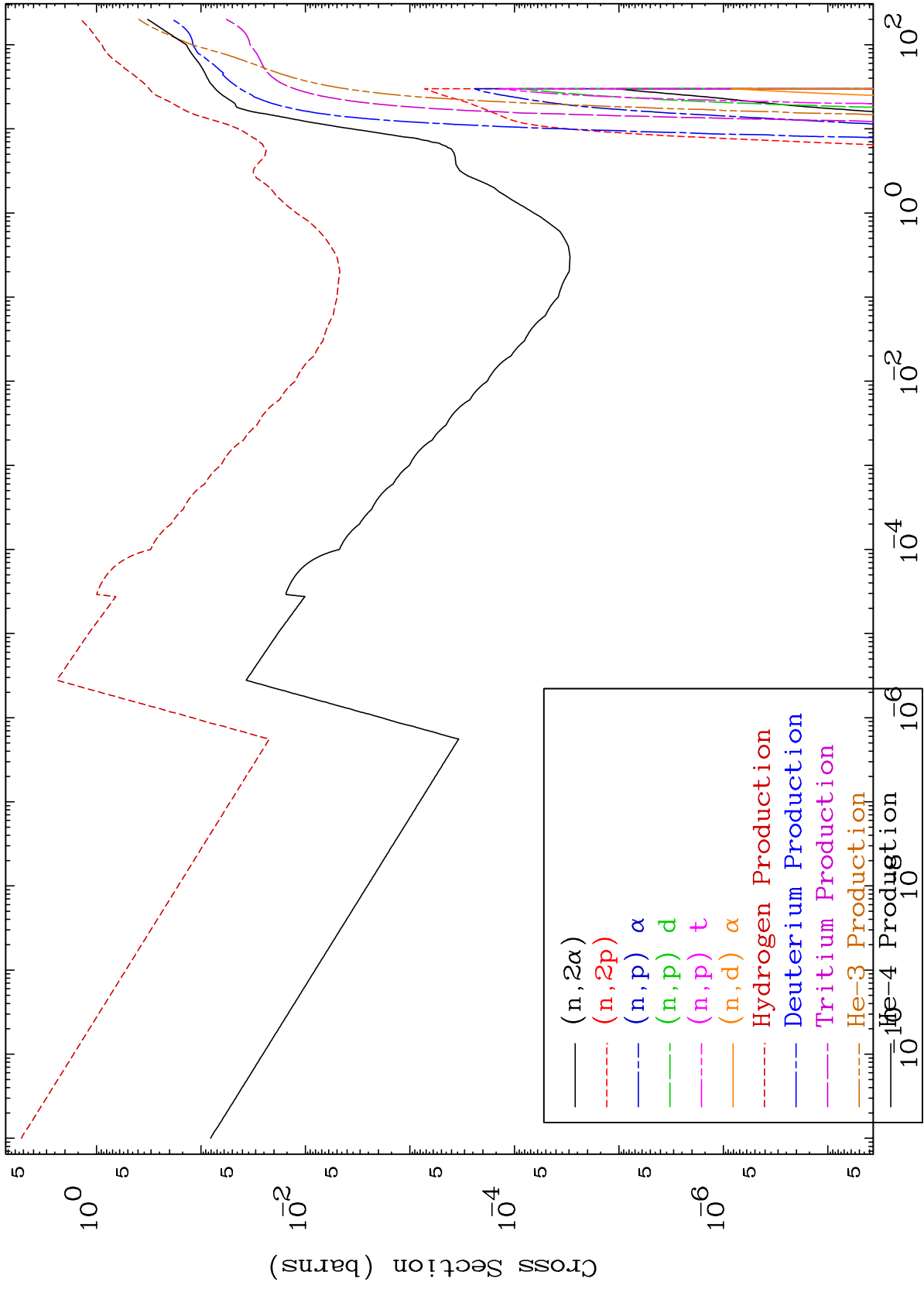
62-Sm-143



MAT 6222

Neutron Absorption  
293 Kelvin Cross Sections

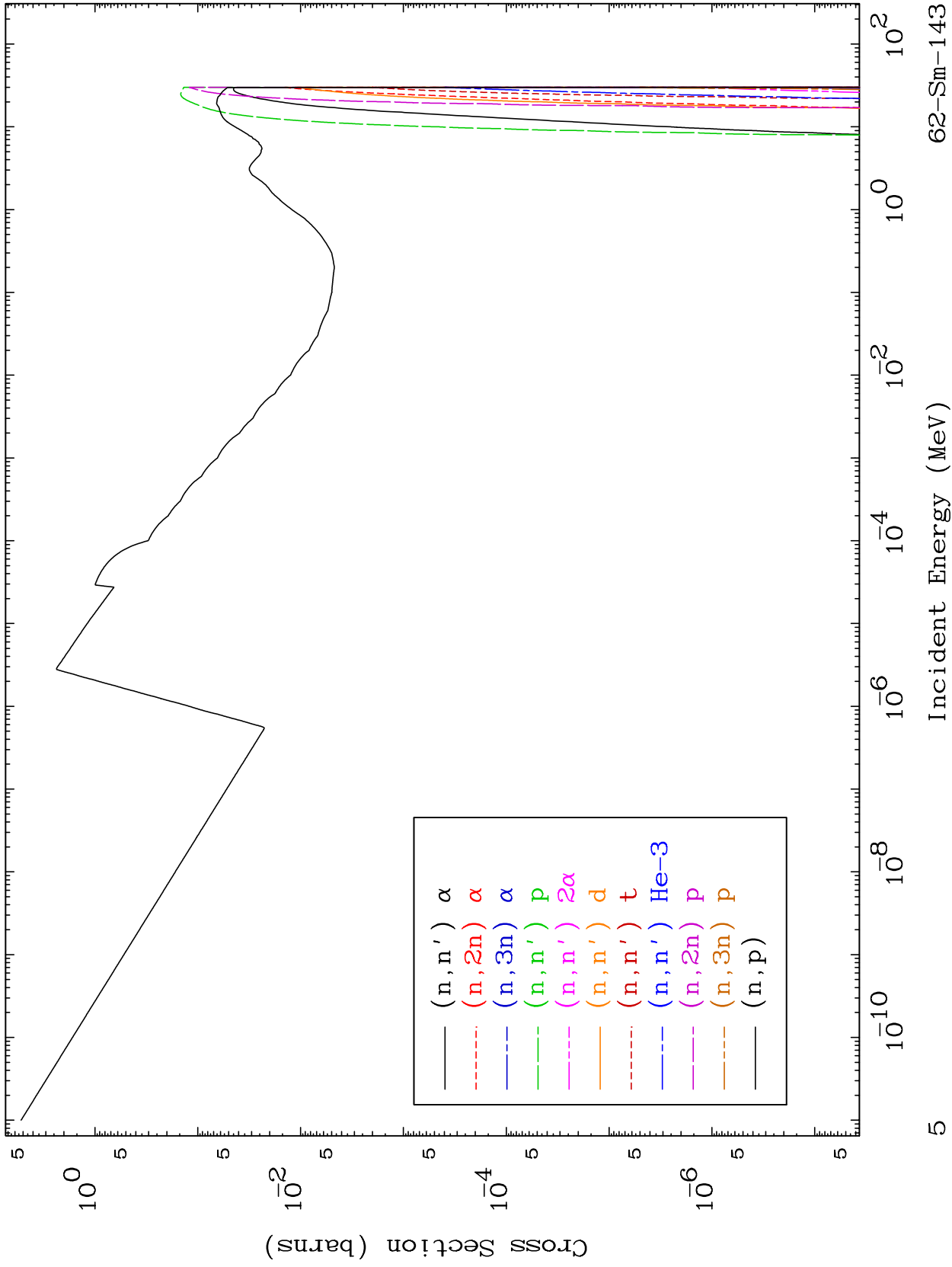
62-Sm-143



MAT 6222

Charged Particle  
293 Kelvin Cross Sections

62-Sm-143



5

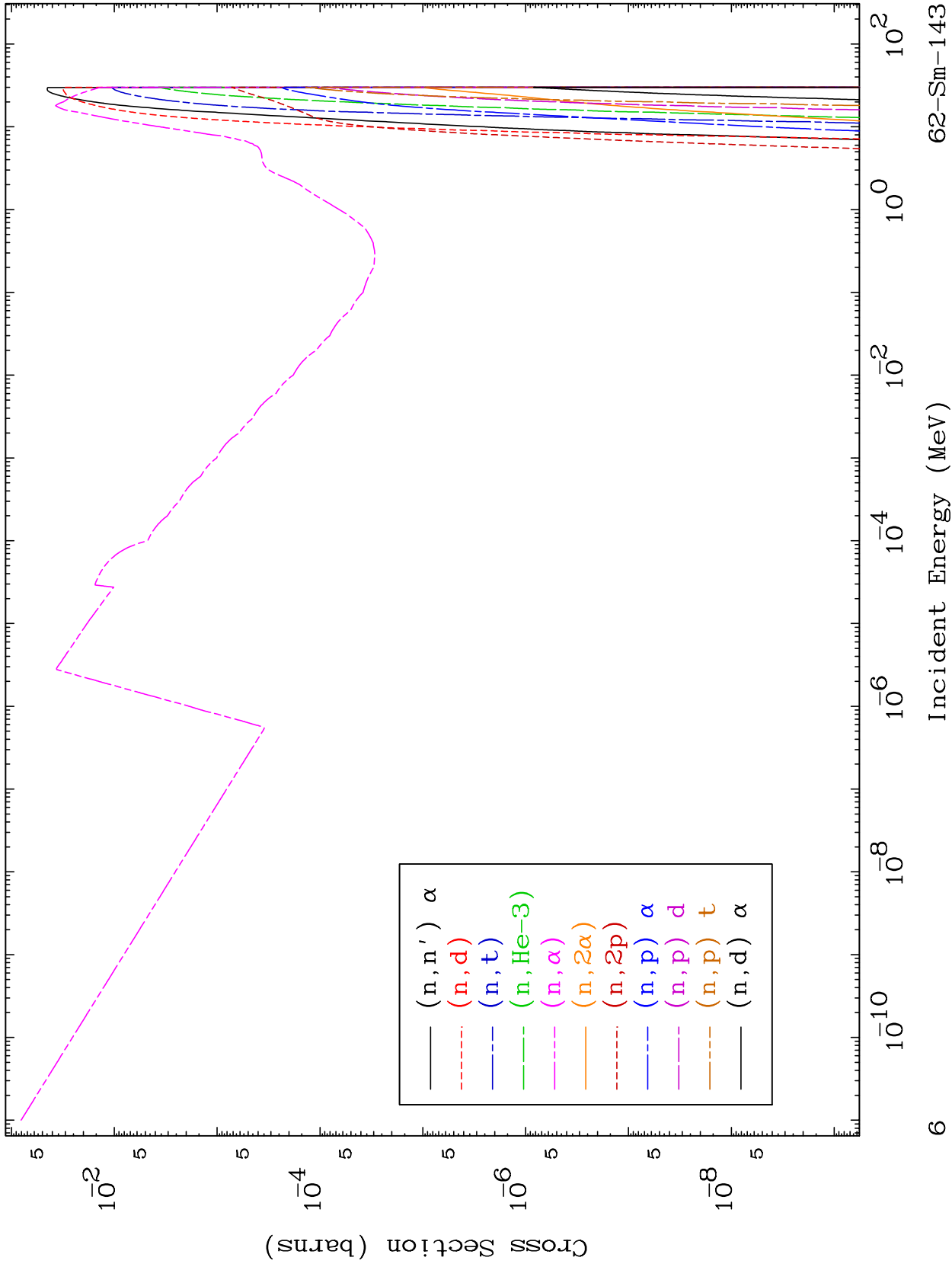
Incident Energy (MeV)

62-Sm-143

MAT 6222

Charged Particle  
293 Kelvin Cross Sections

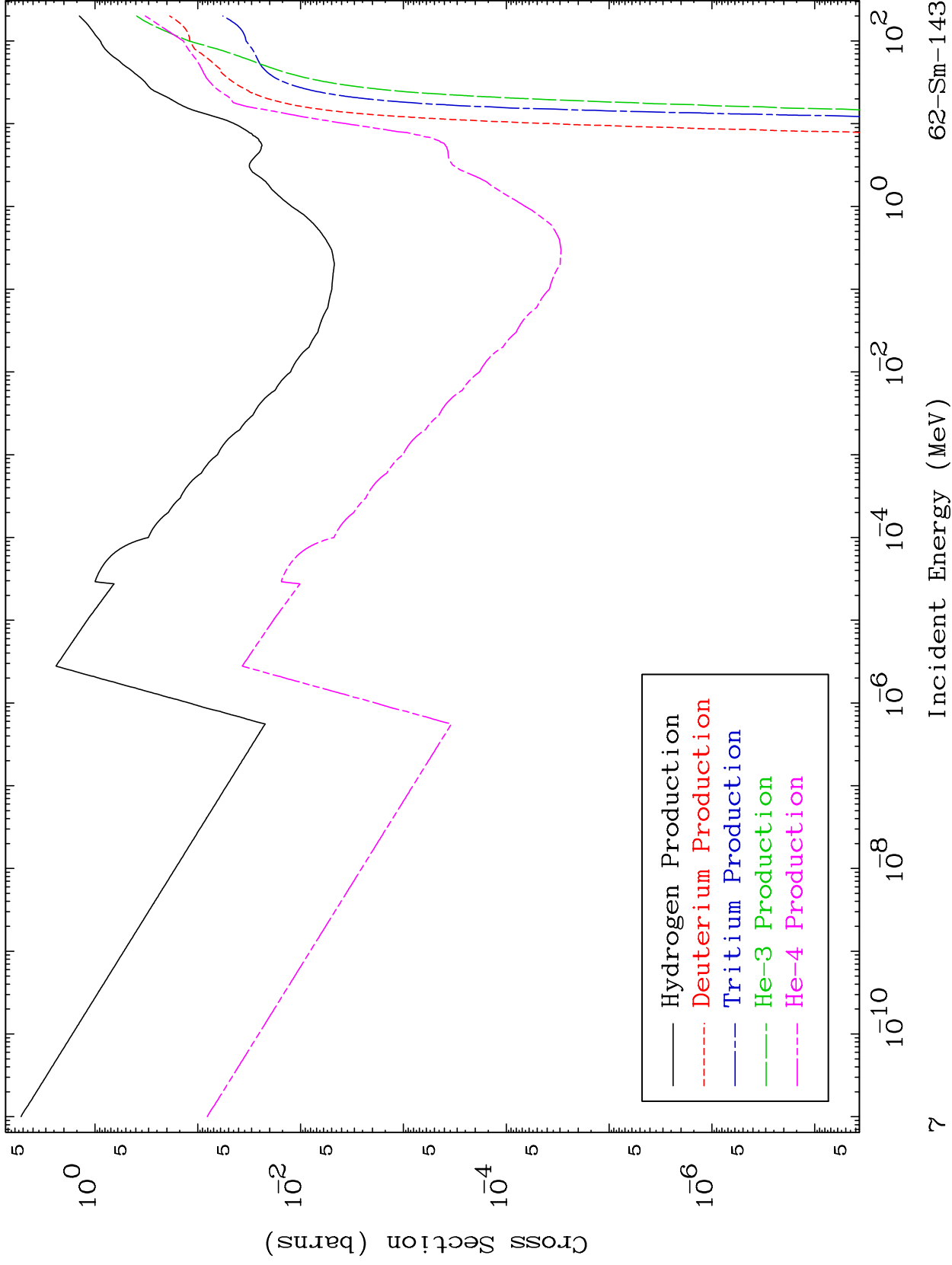
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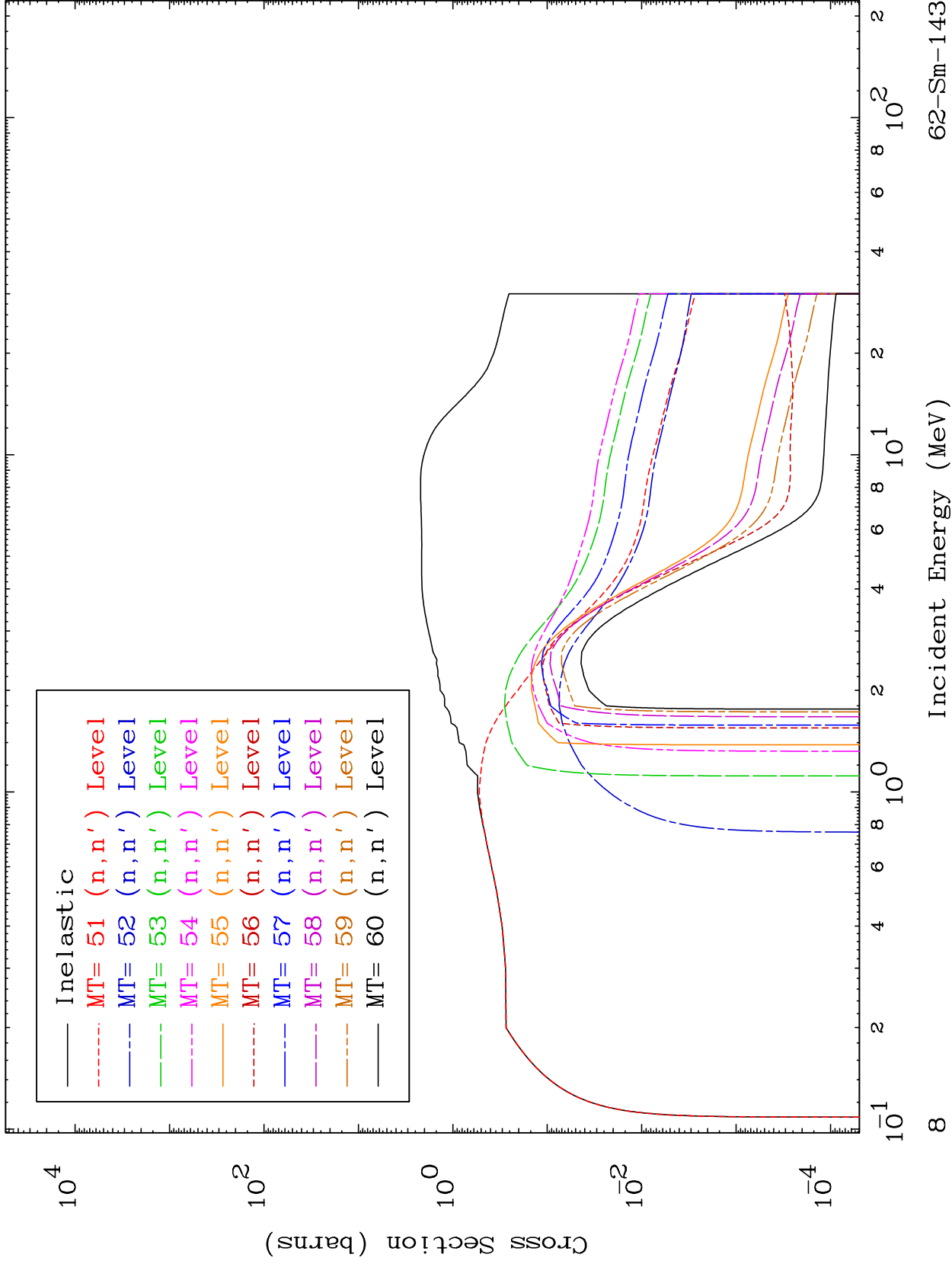


MAT 6222

Particle Production  
293 Kelvin Cross Sections

62-Sm-143

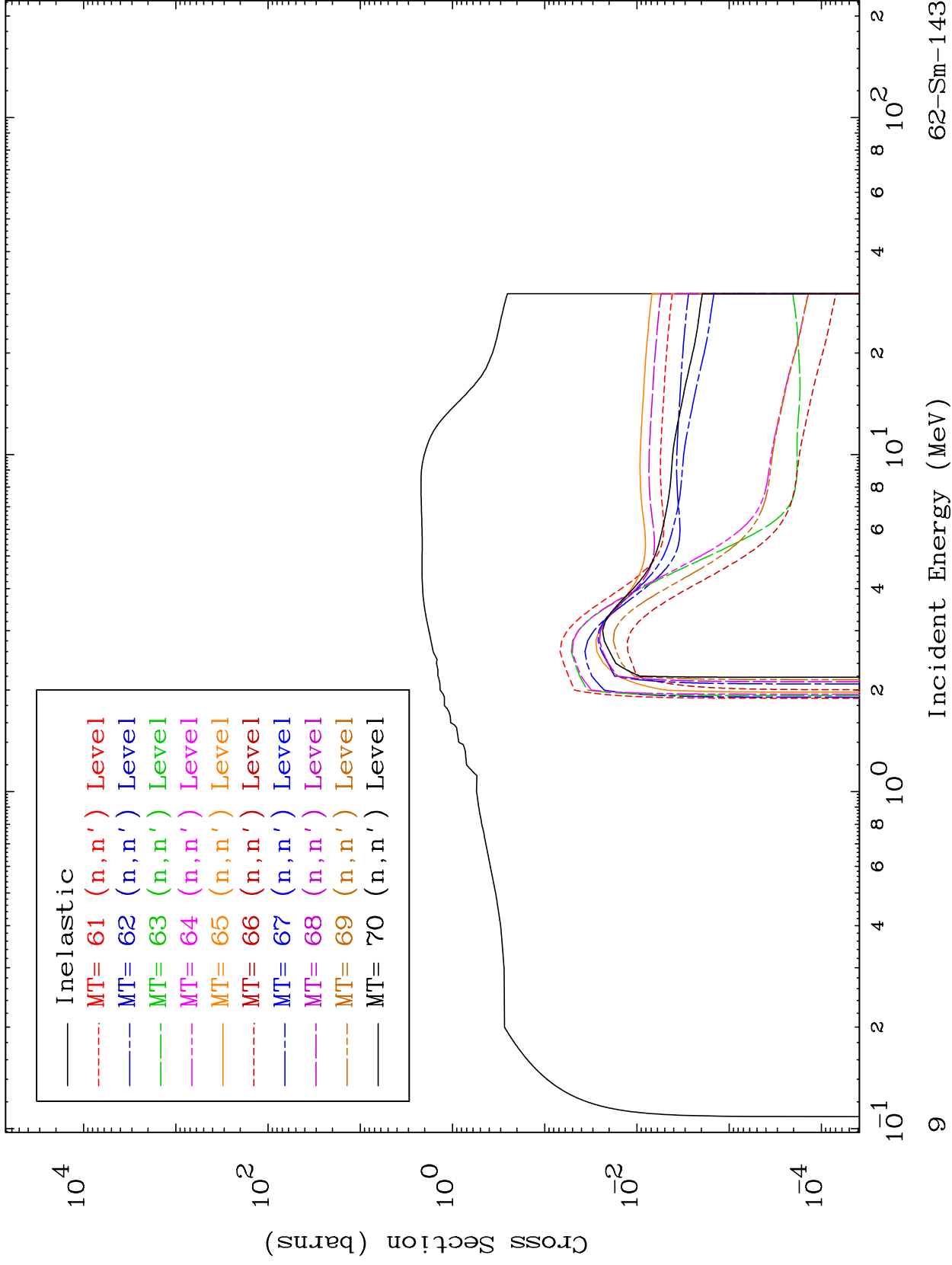




MAT 6222

(n,n') Levels  
293 Kelvin Cross Sections

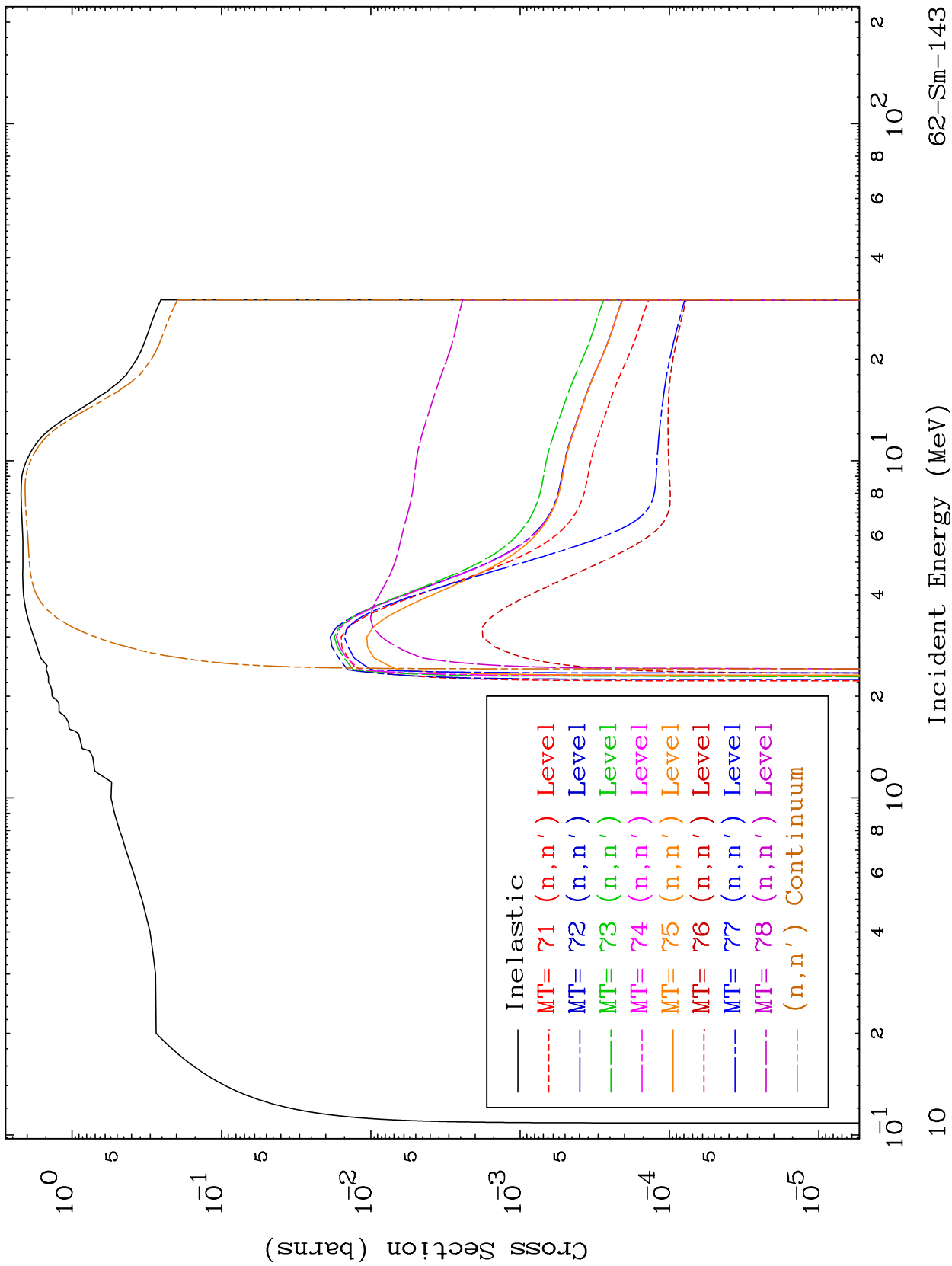
62-Sm-143



MAT 6222

62-Sm-143

293 Kelvin Cross Sections  
(n,n') Levels



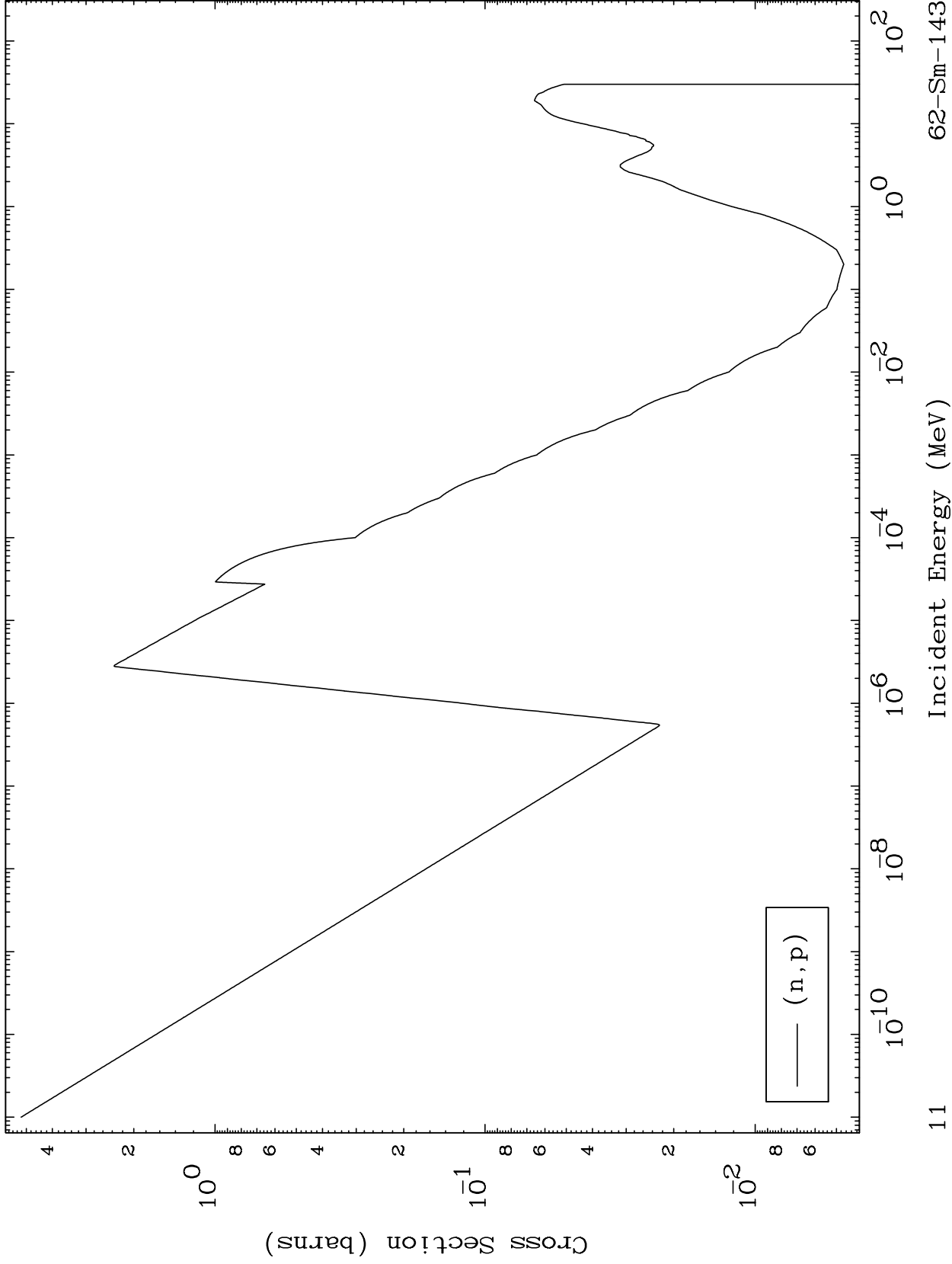
62-Sm-143

Incident Energy (MeV)

MAT 6222

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-143



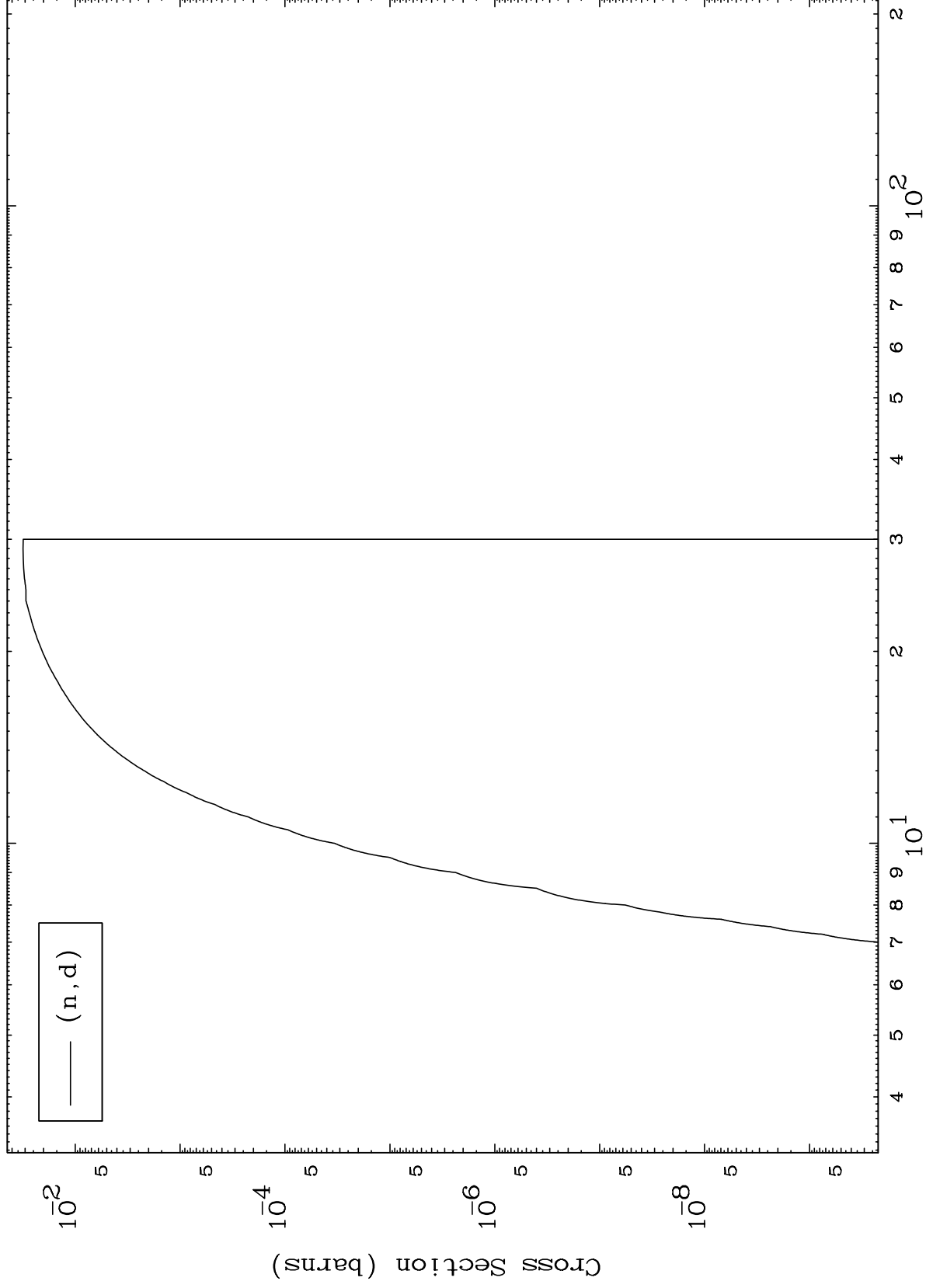
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62-Sm-143

MAT 6222

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-143



12

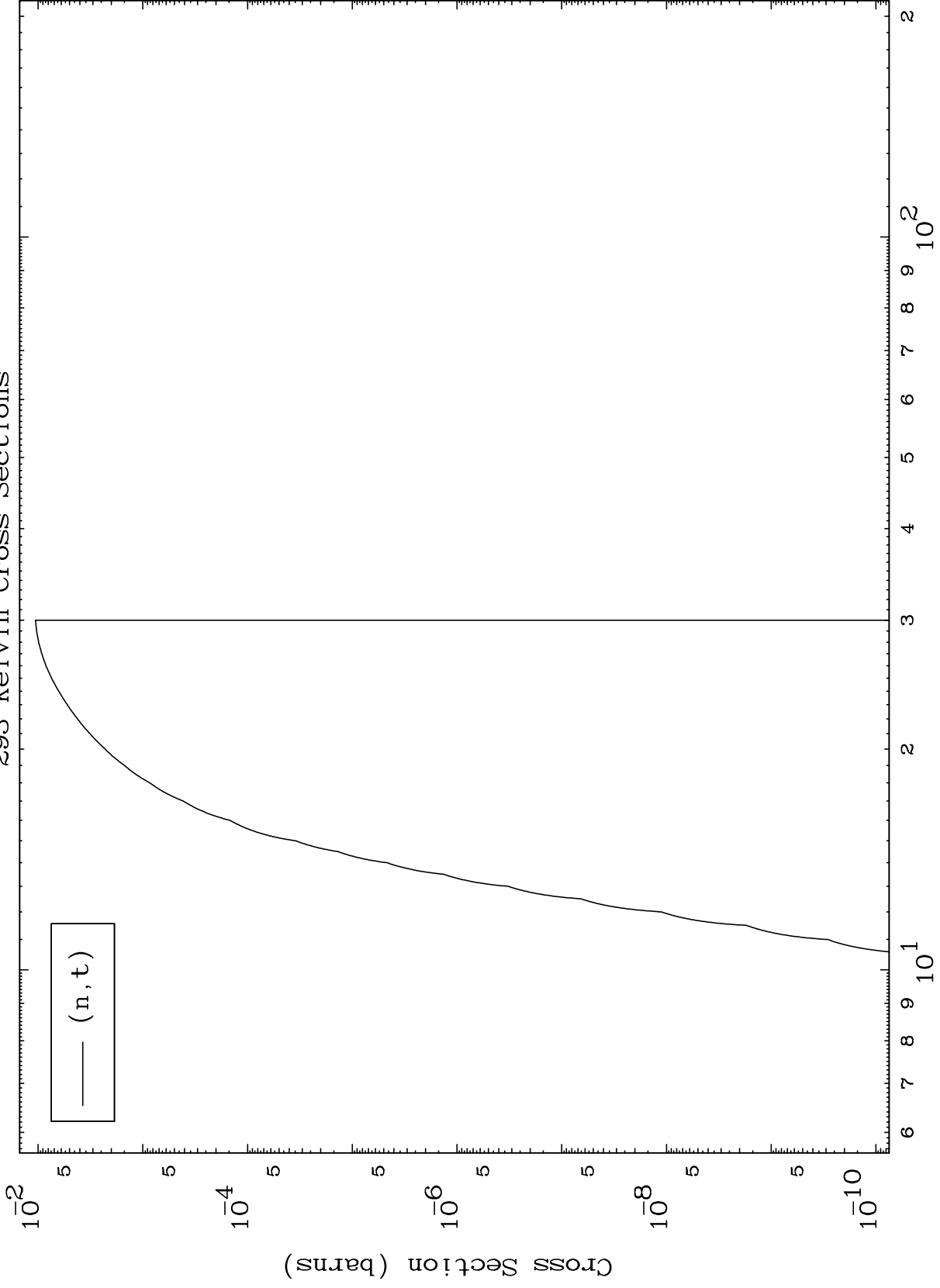
Incident Energy (MeV)

62-Sm-143

MAT 6222

(n, t) Levels  
293 Kelvin Cross Sections

62-Sm-143



(n, t)

13

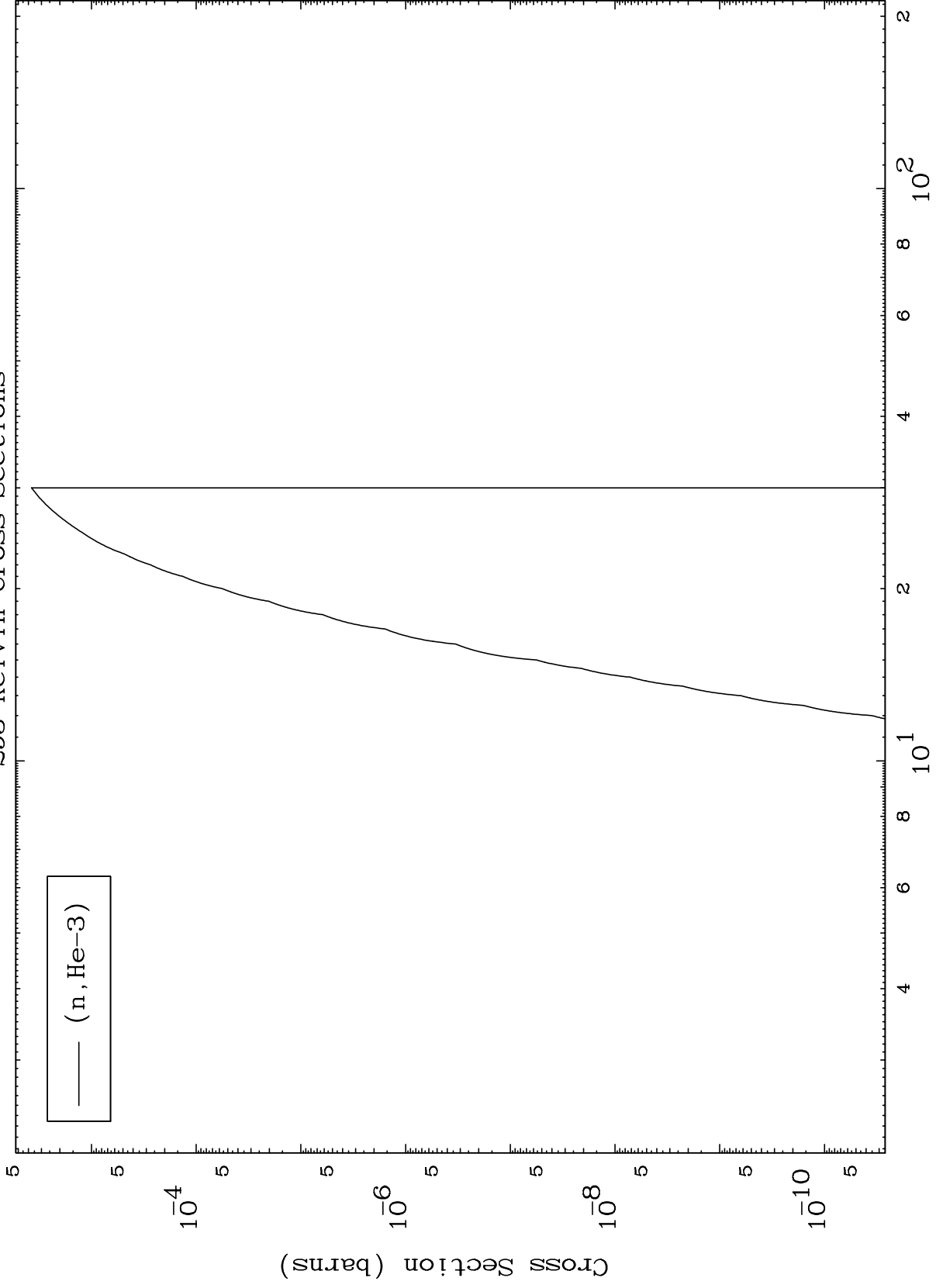
Incident Energy (MeV)

62-Sm-143

MAT 6222

(n,He3) Levels  
293 Kelvin Cross Sections

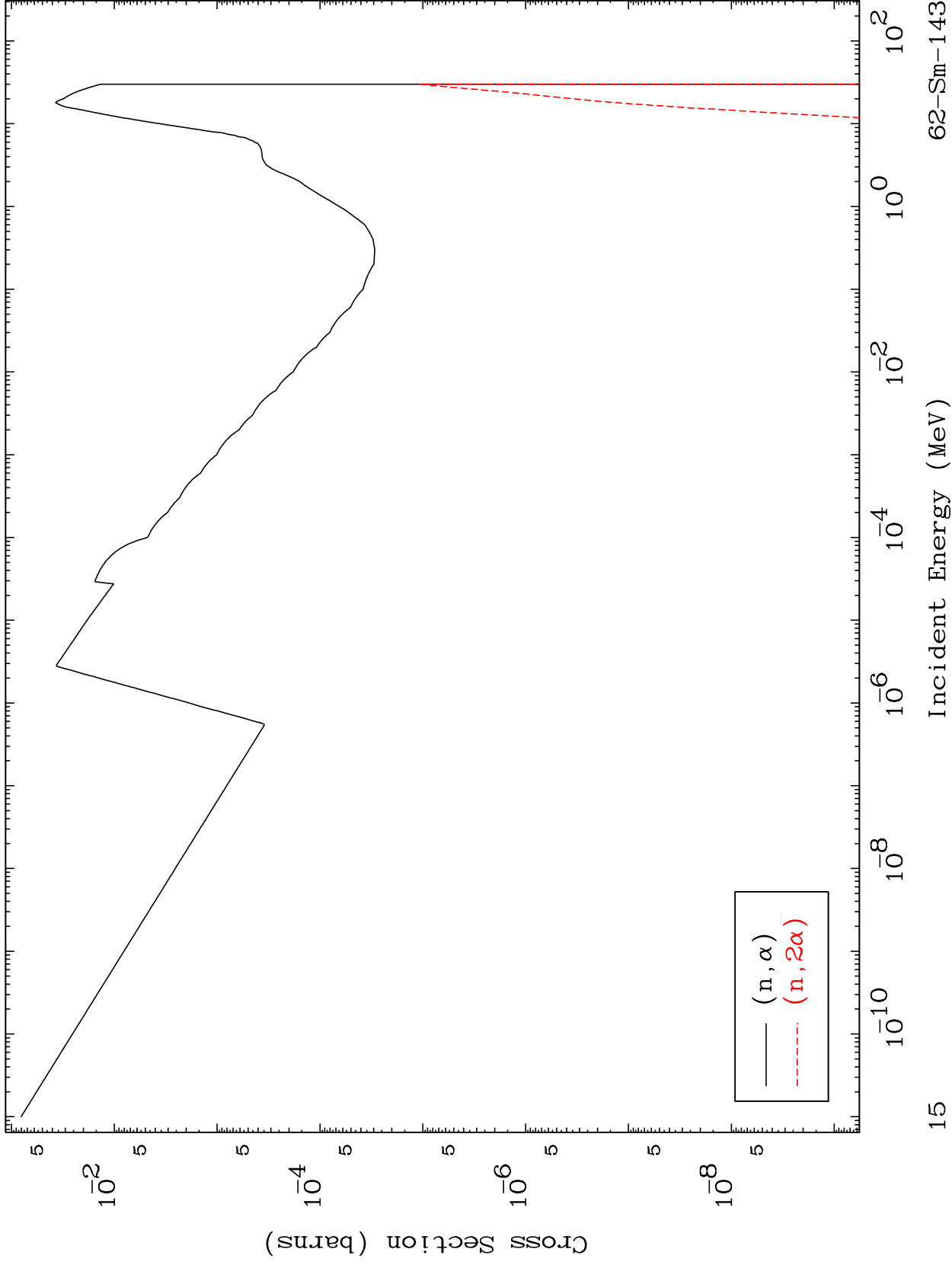
62-Sm-143



MAT 6222

(n,α) Levels  
293 Kelvin Cross Sections

62-Sm-143

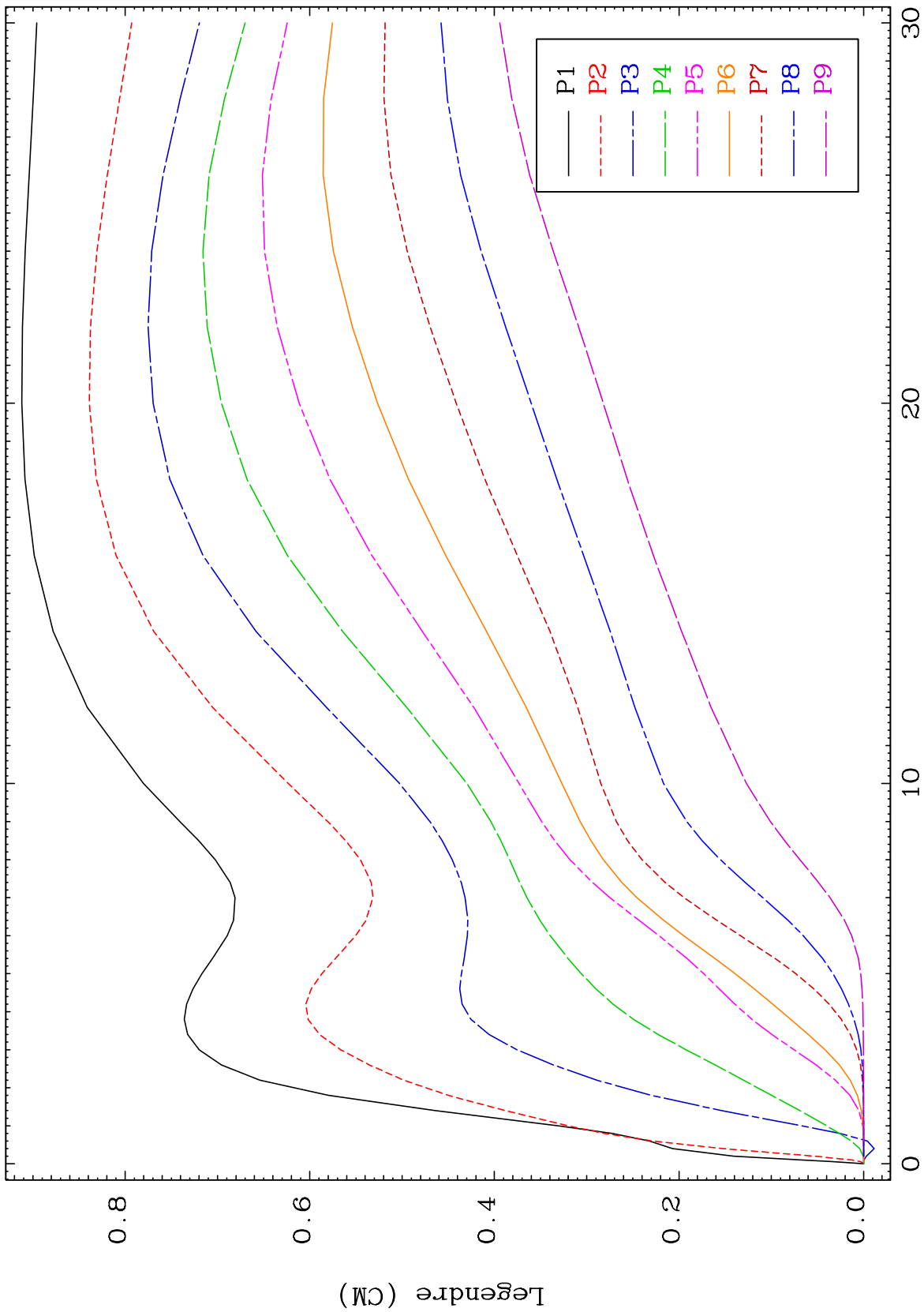


15

MAT 6222

Elastic Legendre Coefficients

62-Sm-143



16

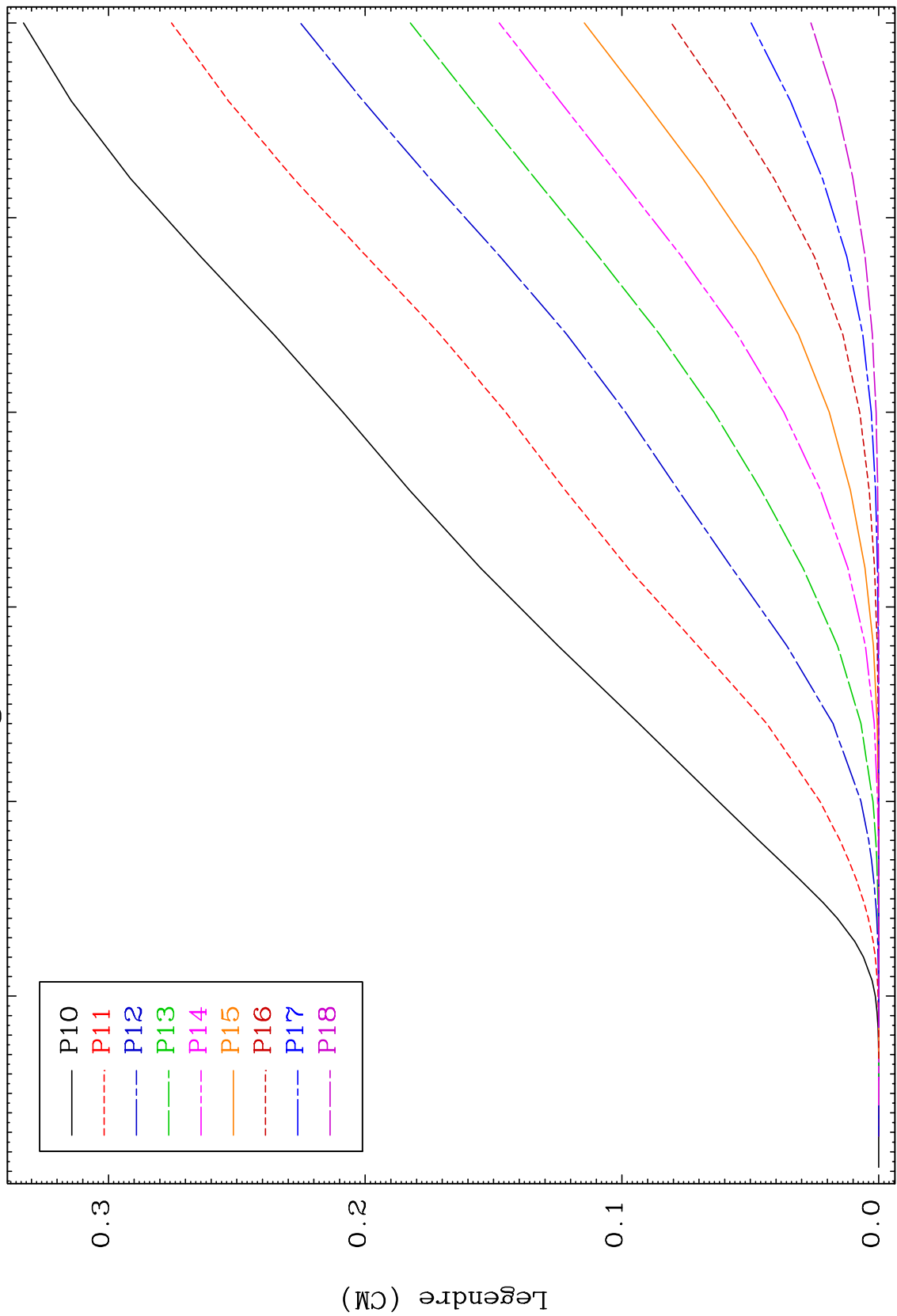
Incident Energy (MeV)

62-Sm-143

MAT 6222

Elastic Legendre Coefficients

62-Sm-143



17

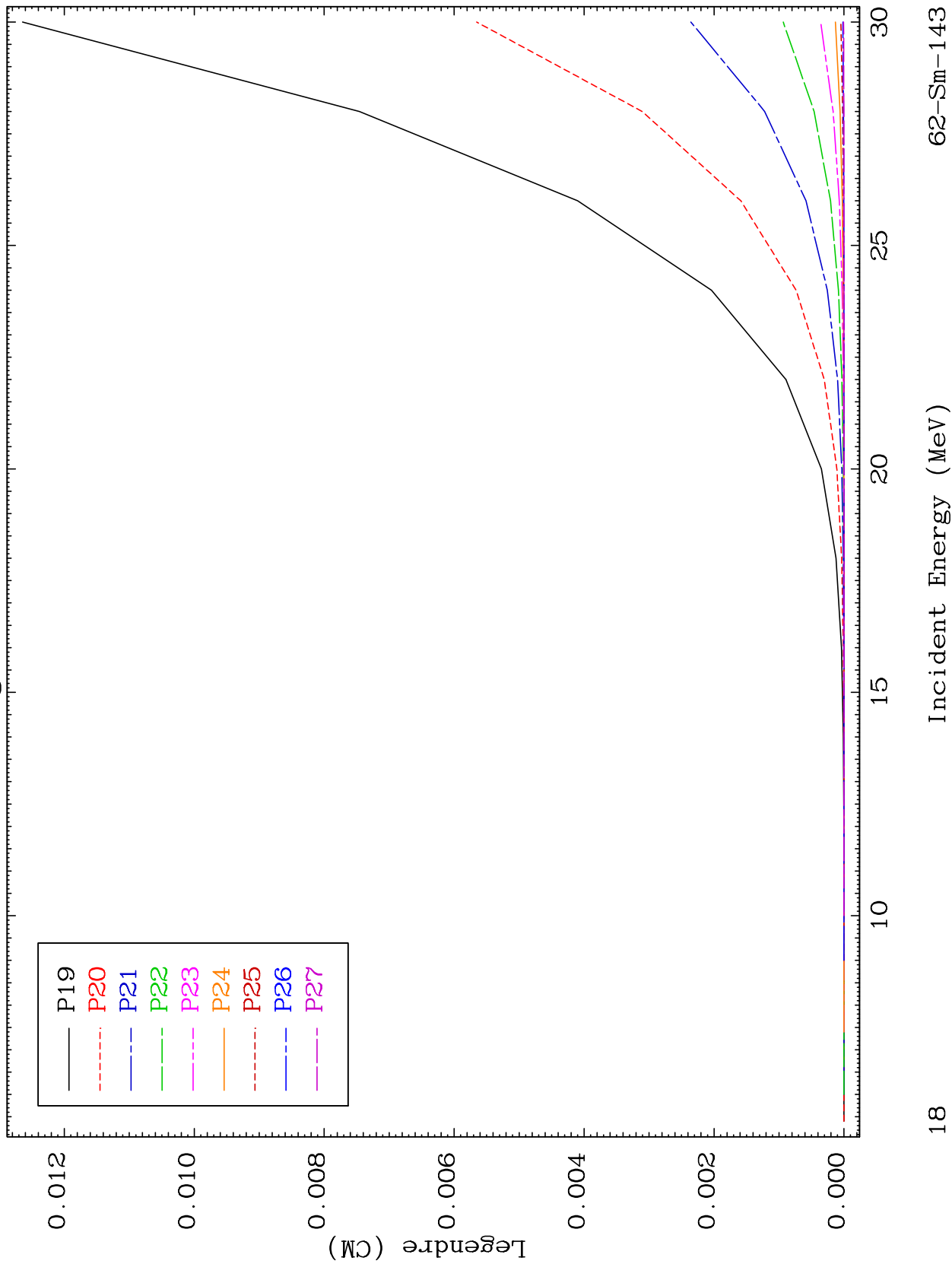
Incident Energy (MeV)

62-Sm-143

MAT 6222

### Elastic Legendre Coefficients

62-Sm-143



18

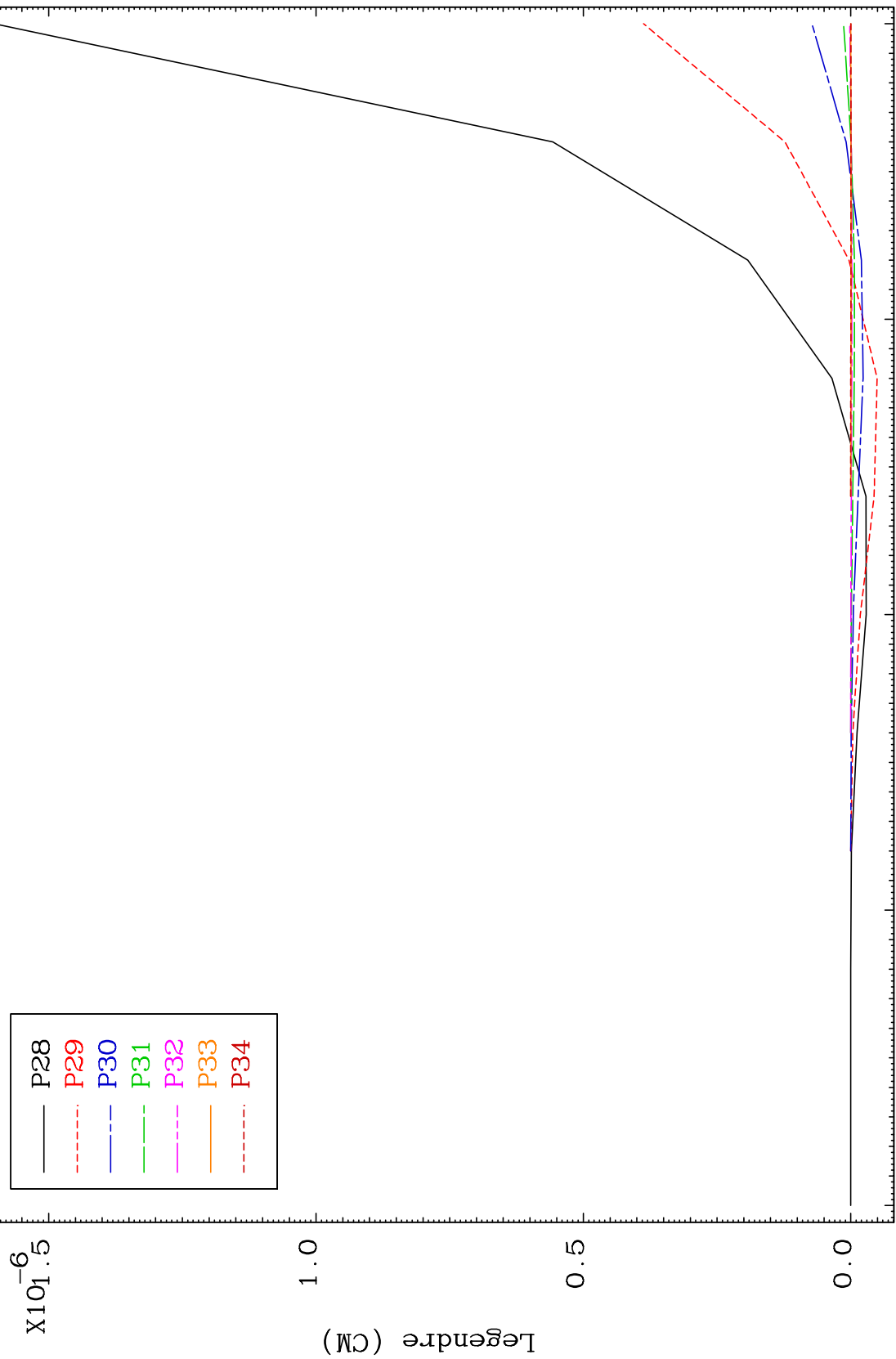
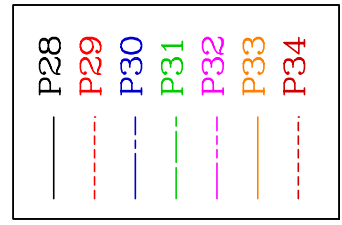
Incident Energy (MeV)

62-Sm-143

MAT 6222

Elastic Legendre Coefficients

62-Sm-143



19

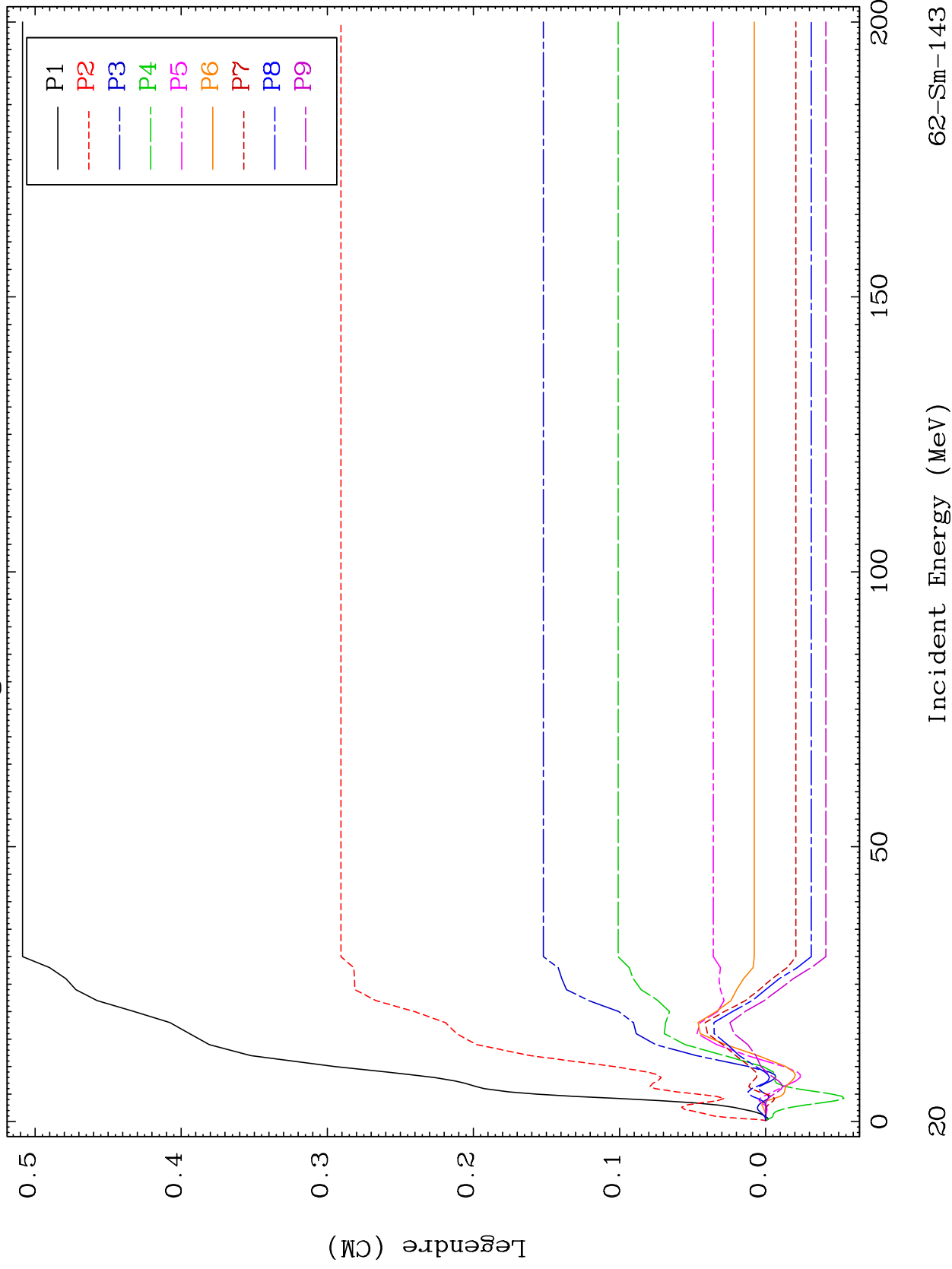
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143

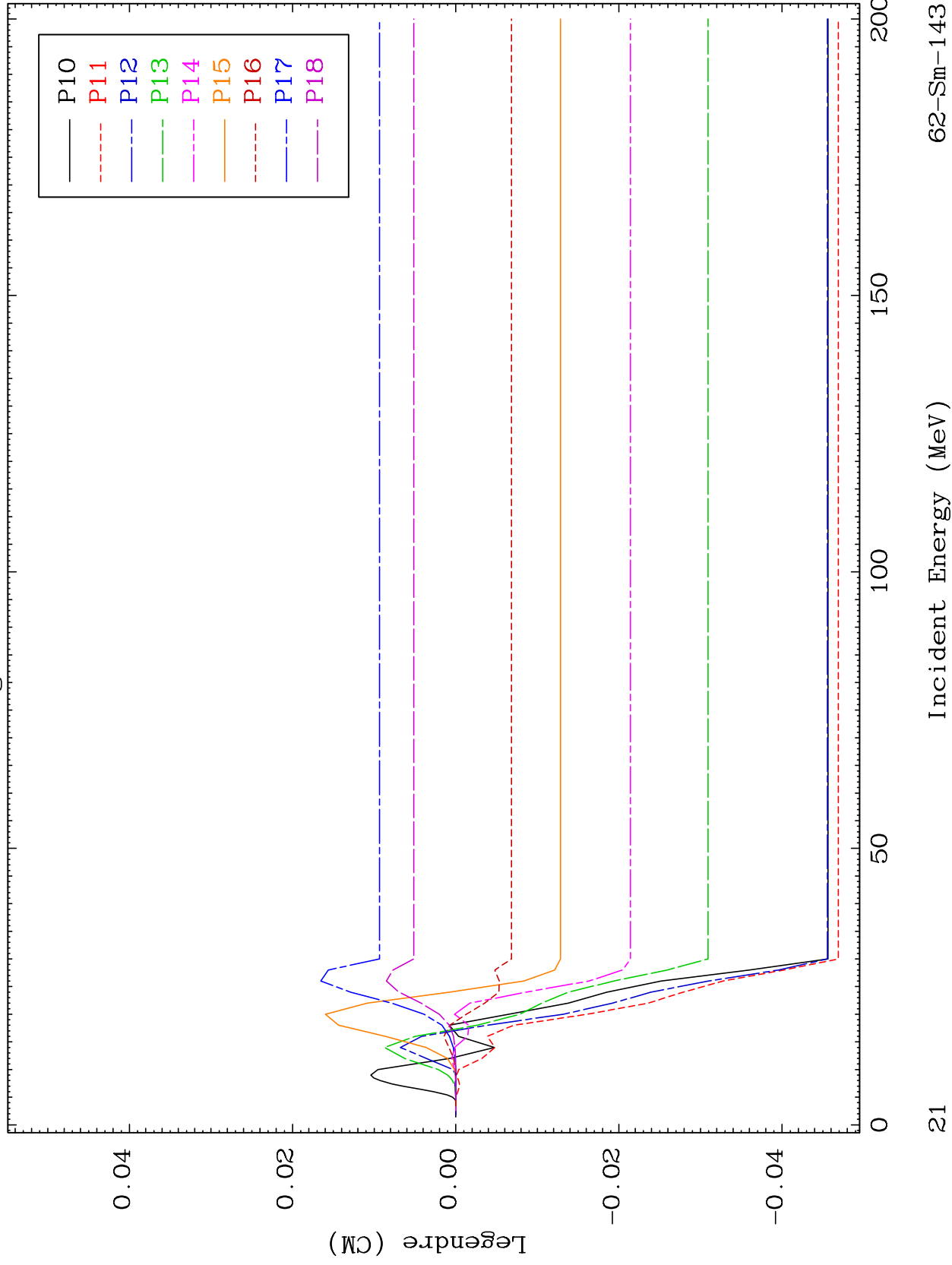


62-Sm-143

MAT 6222

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

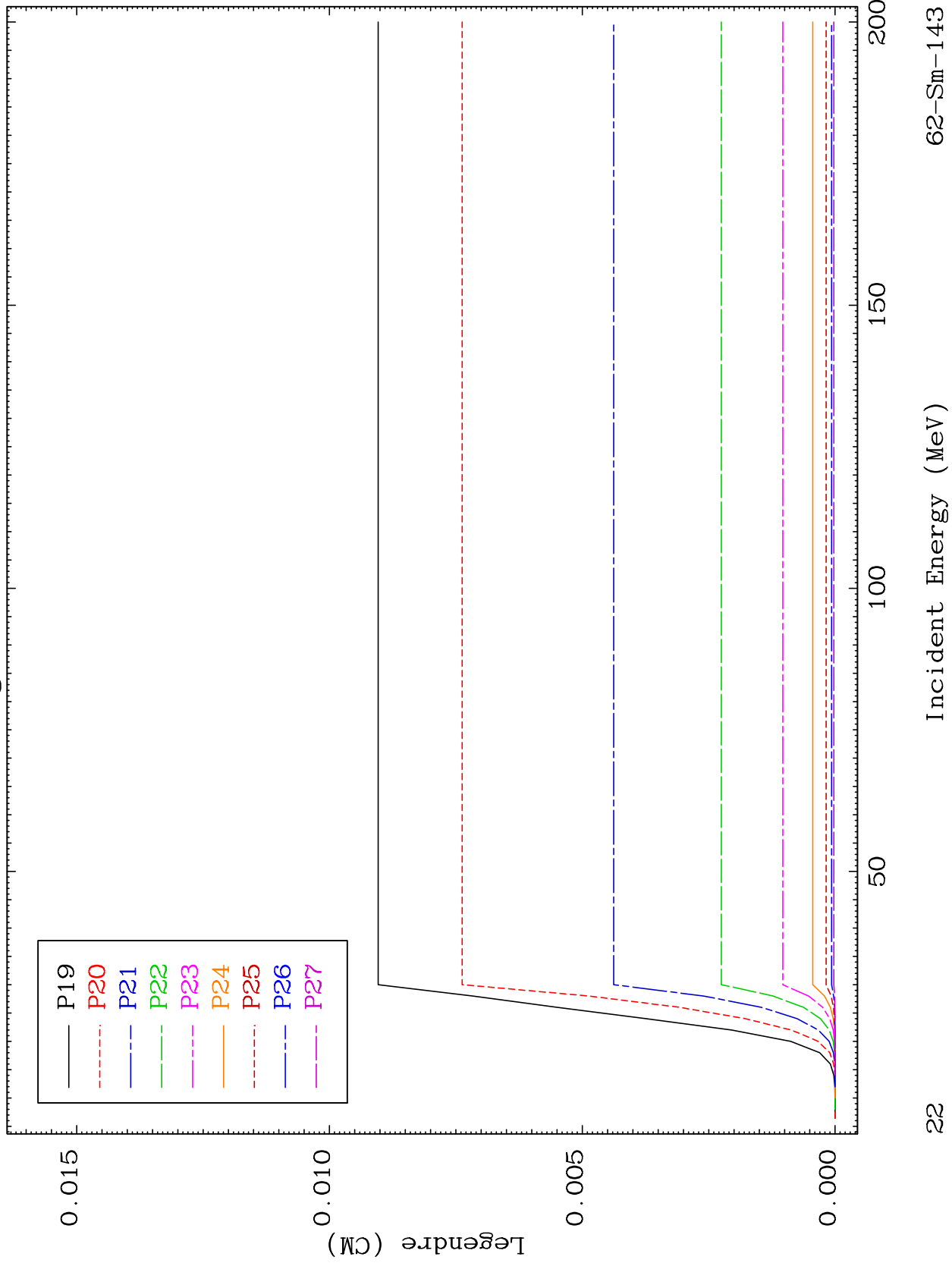
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Incident Energy (MeV)

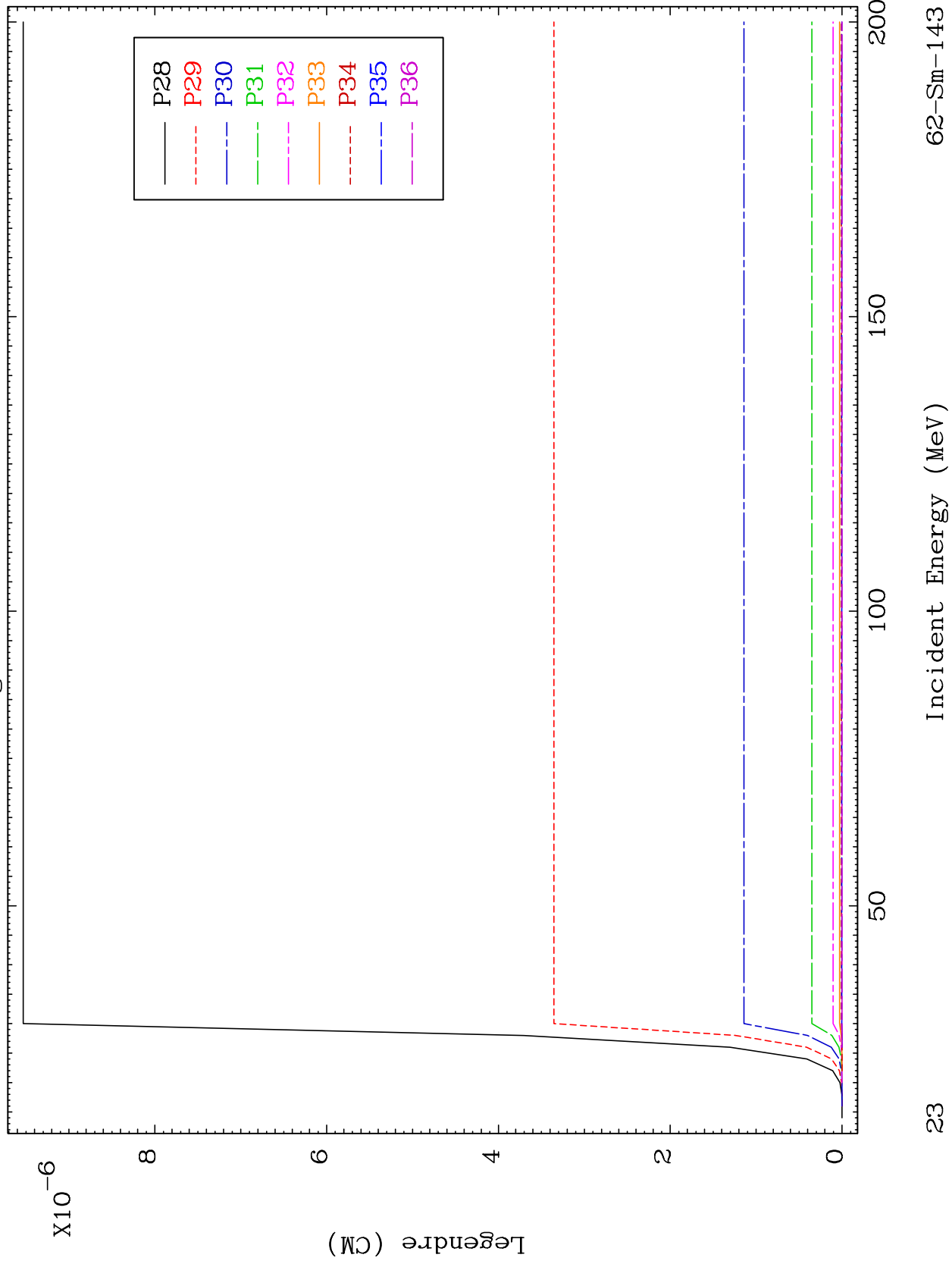
62-Sm-143



MAT 6222

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

62-Sm-143



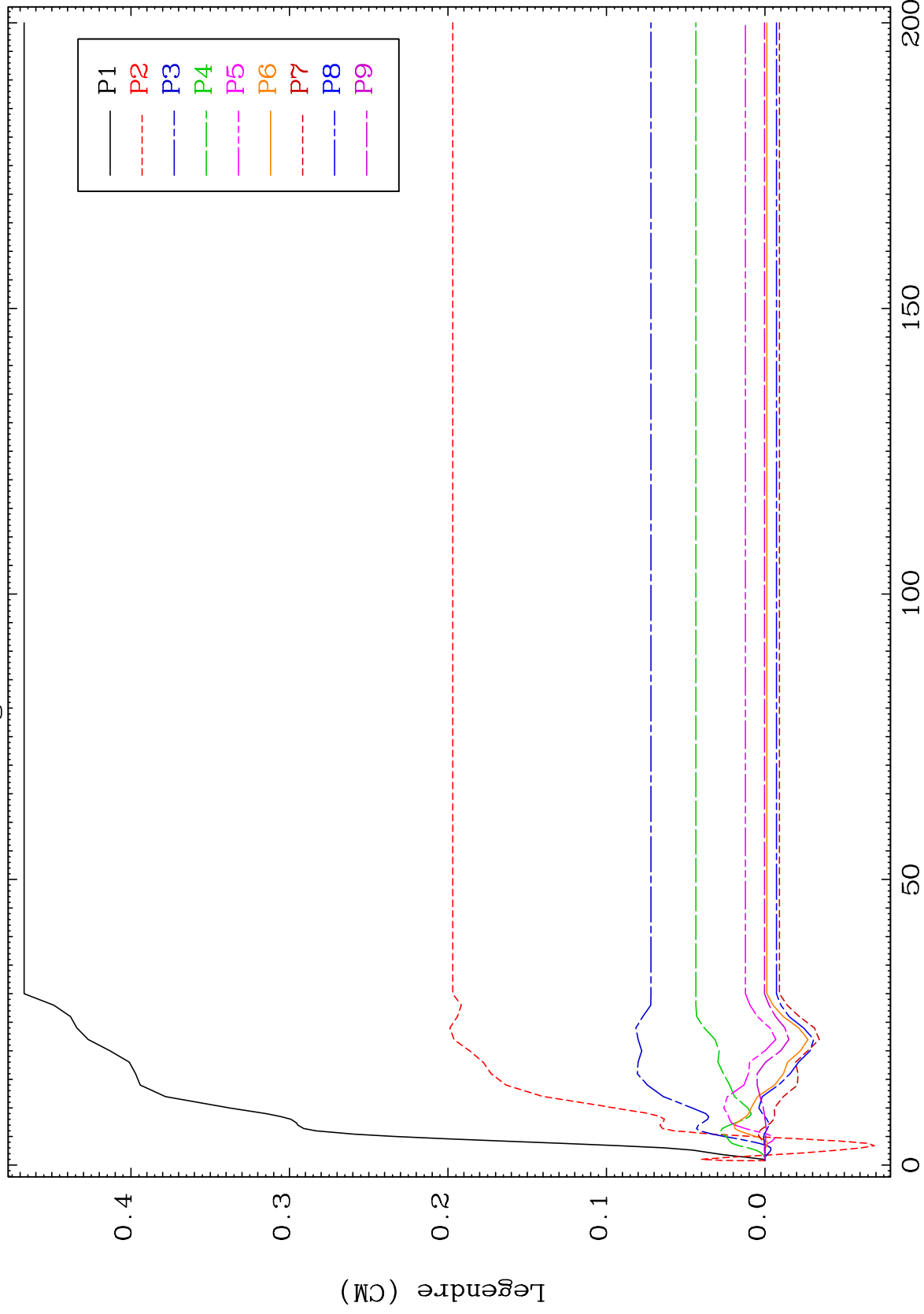
23

62-Sm-143

MAT 6222

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

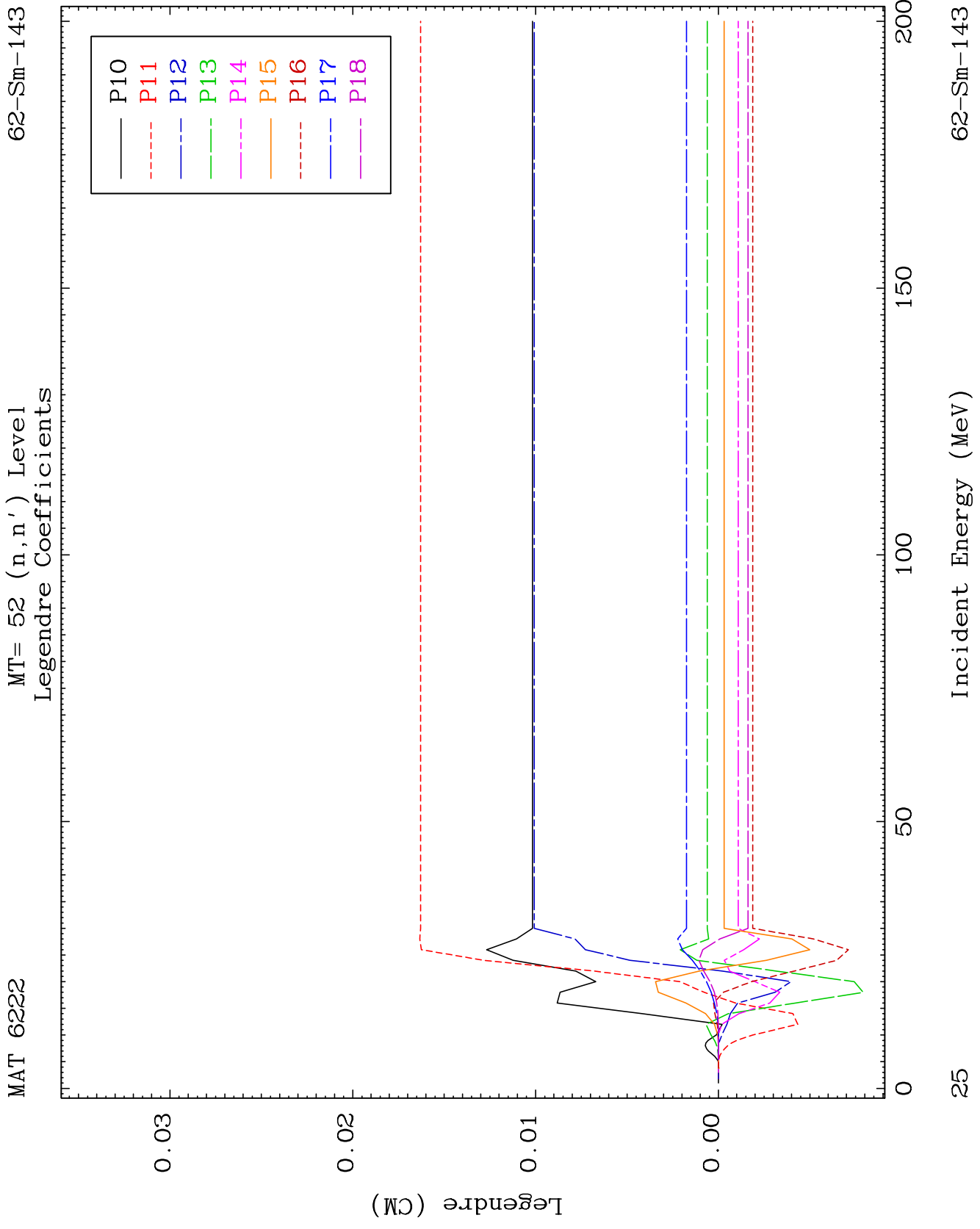
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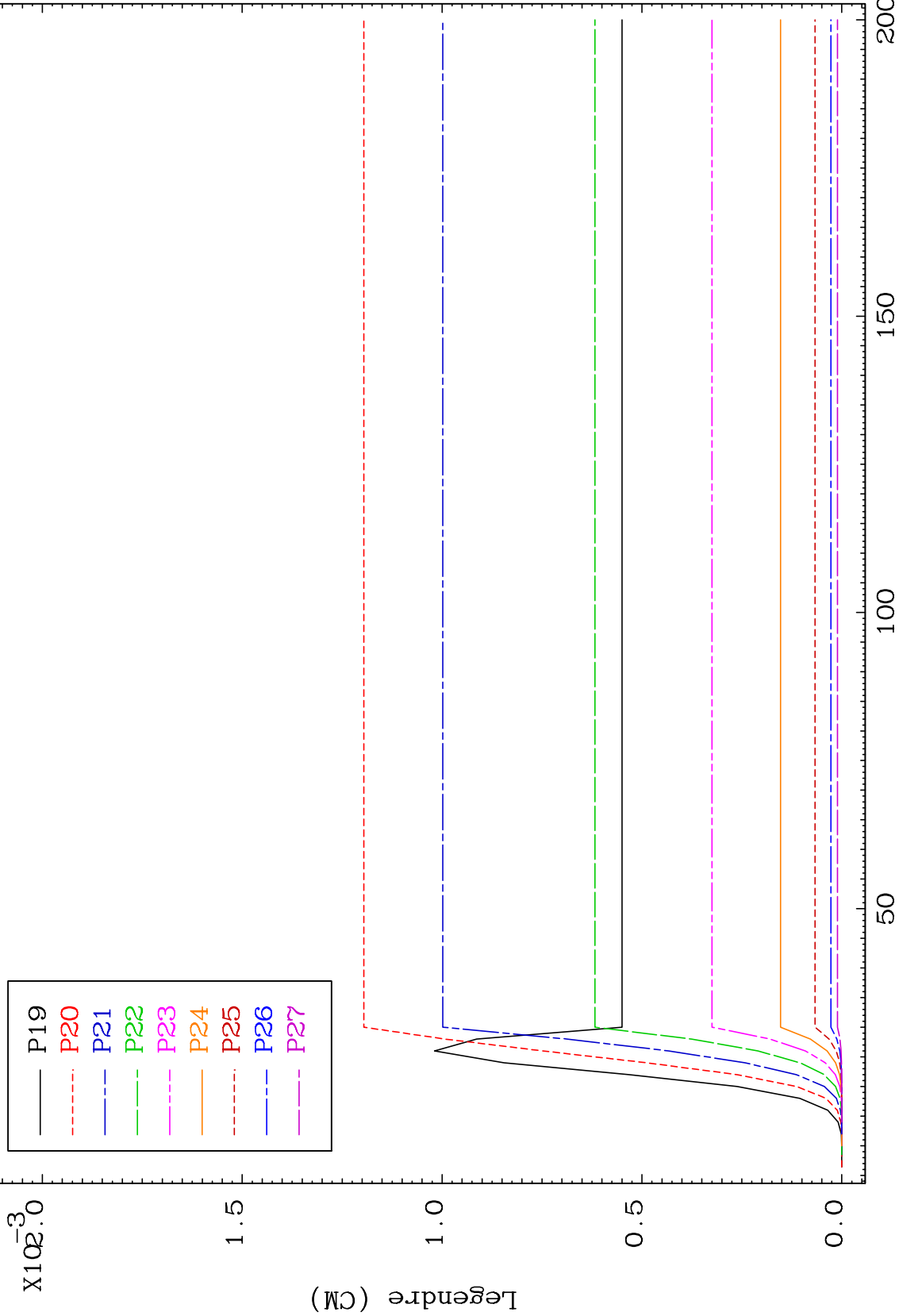
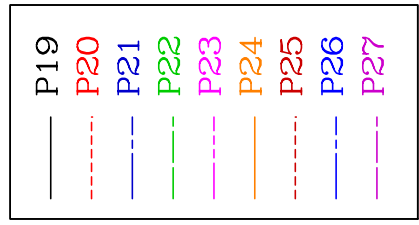


24

Incident Energy (MeV)

62-Sm-143

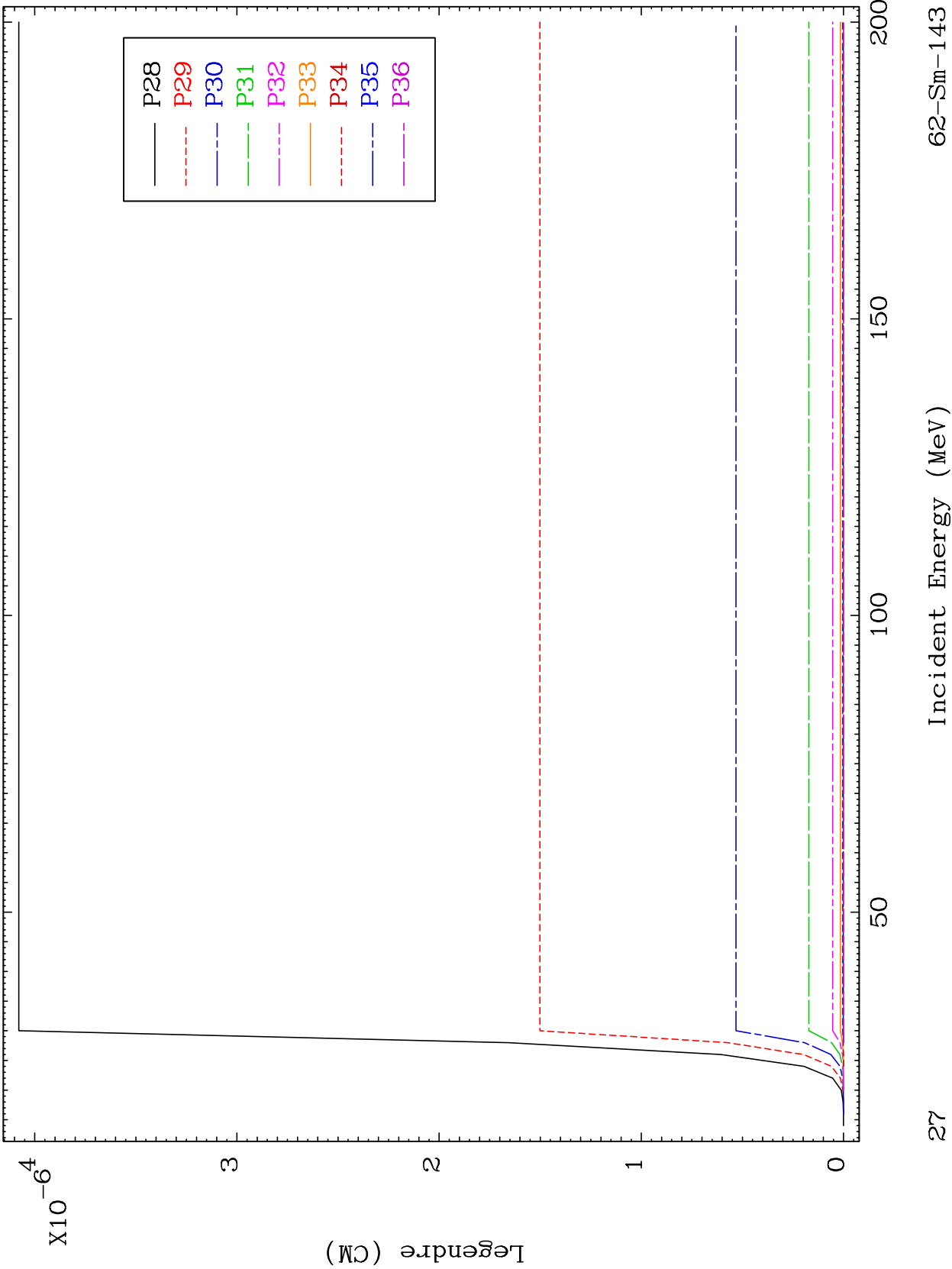




MAT 6222

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

62-Sm-143



27

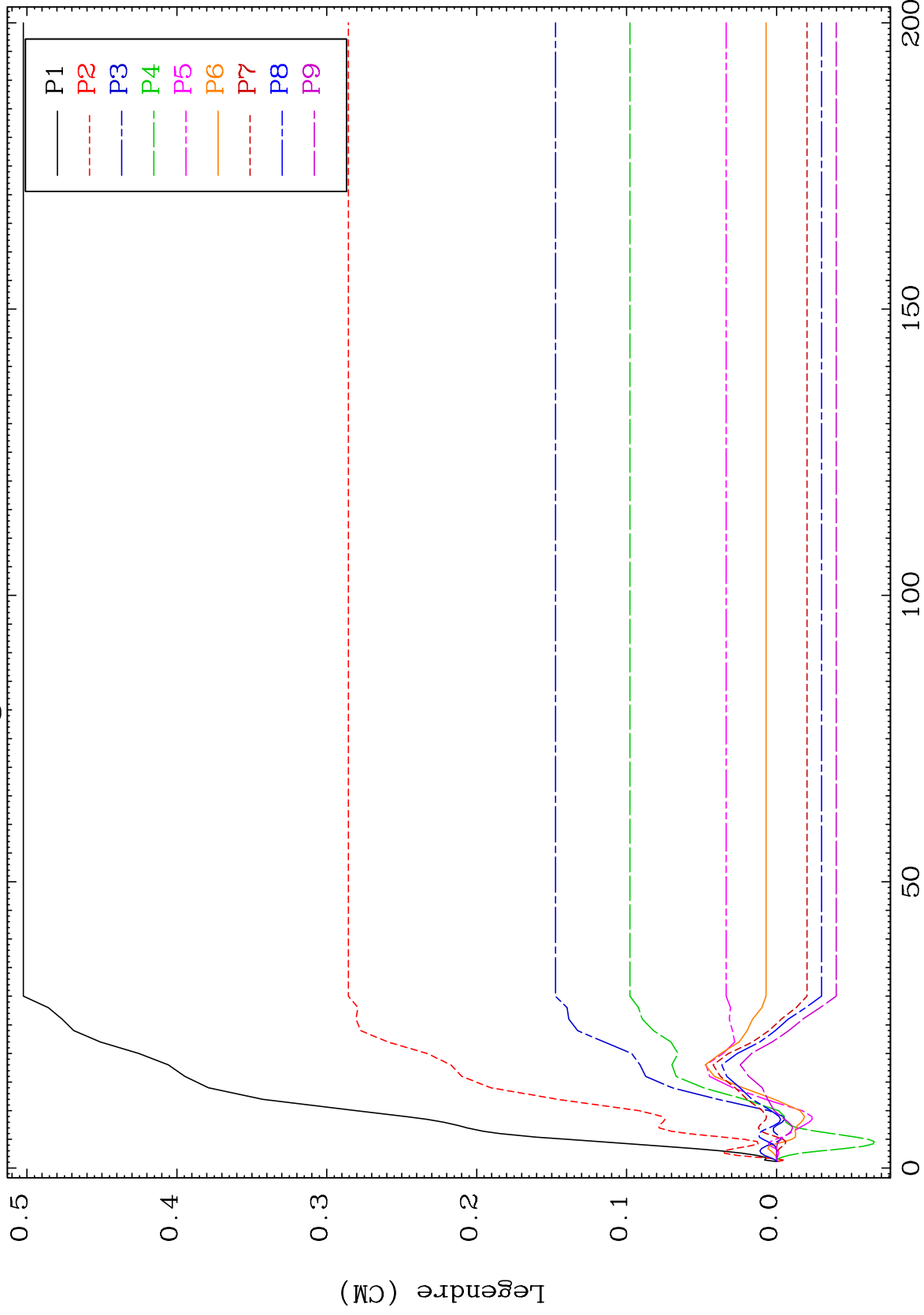
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



28

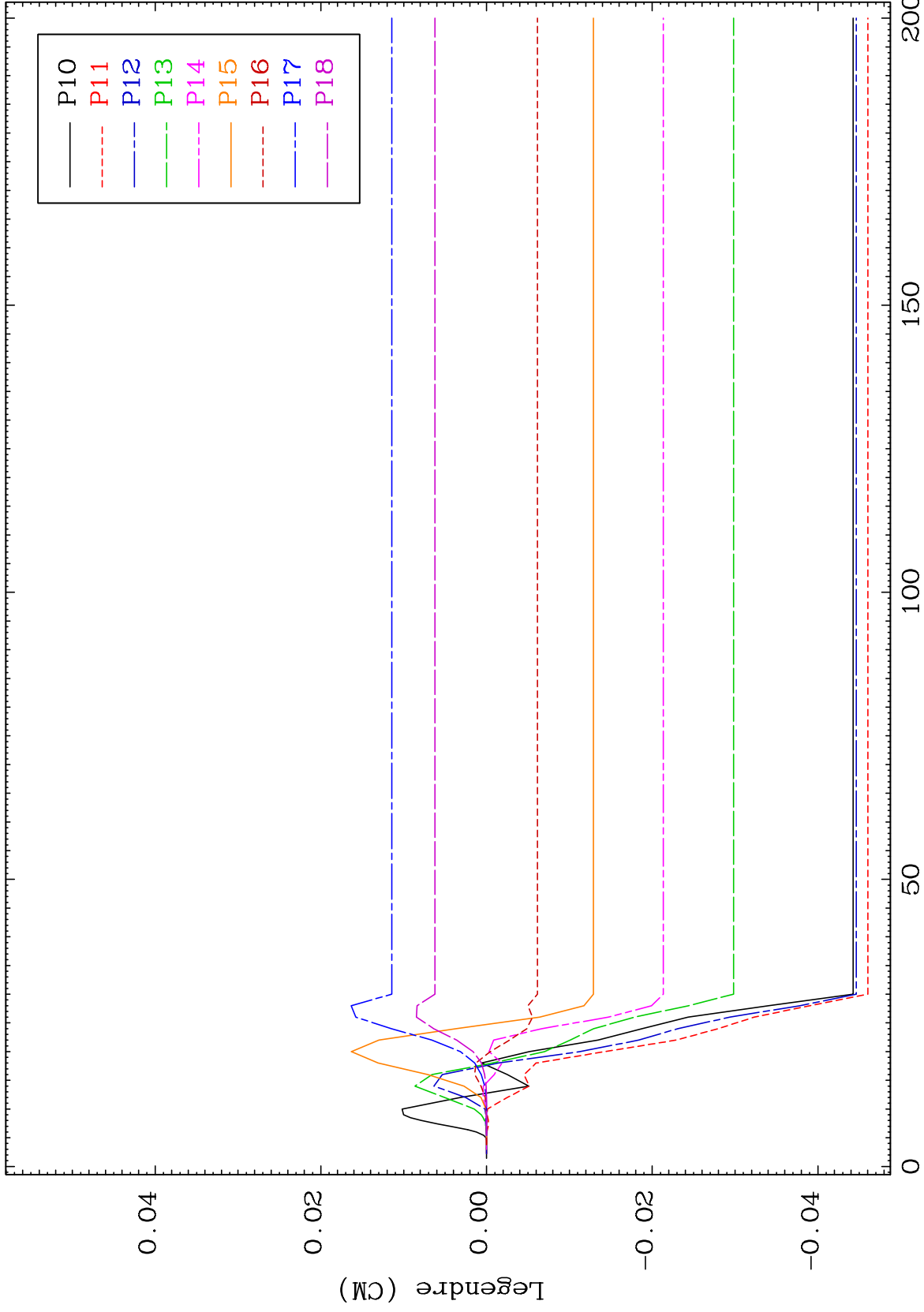
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



29

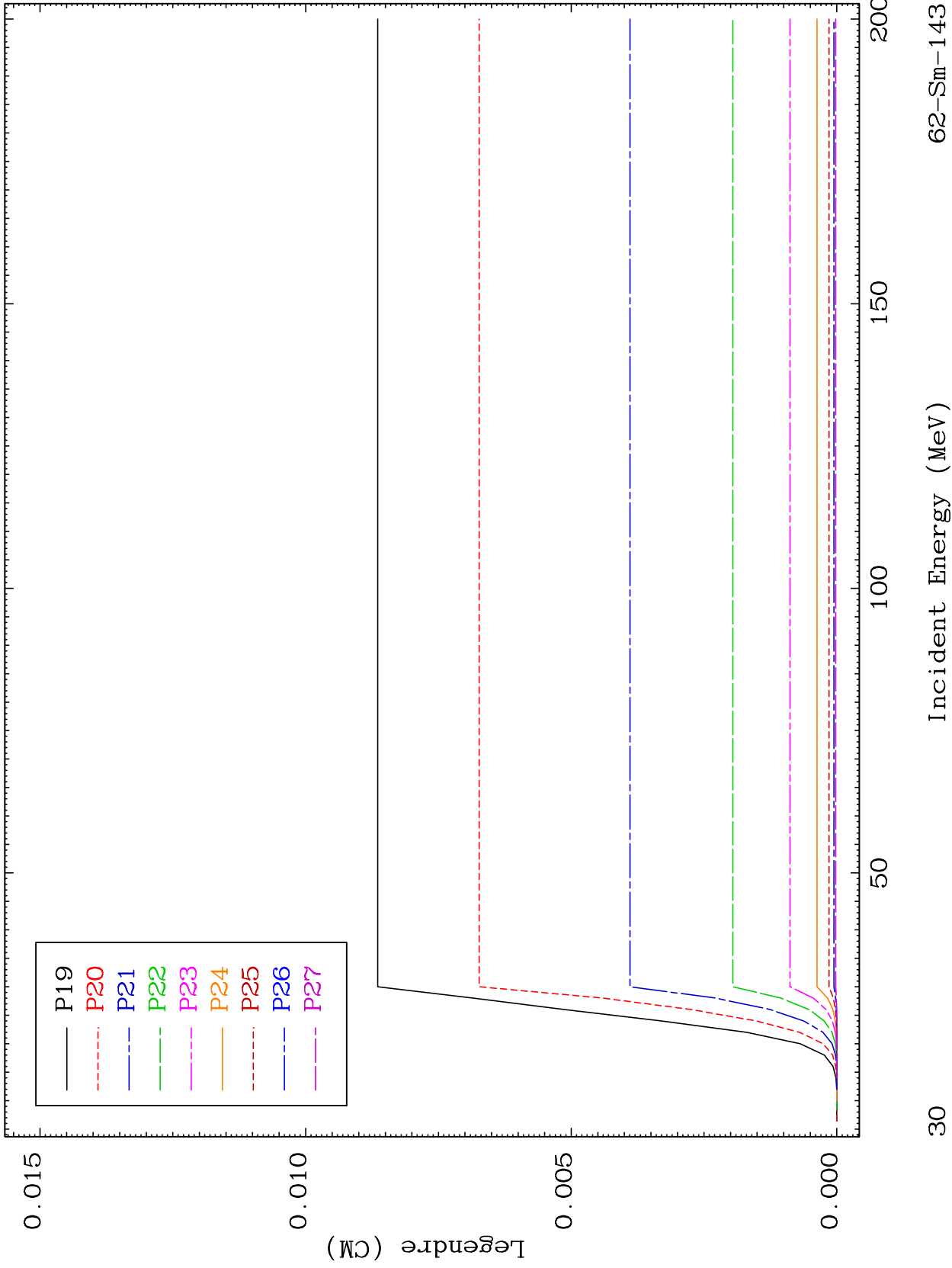
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



30

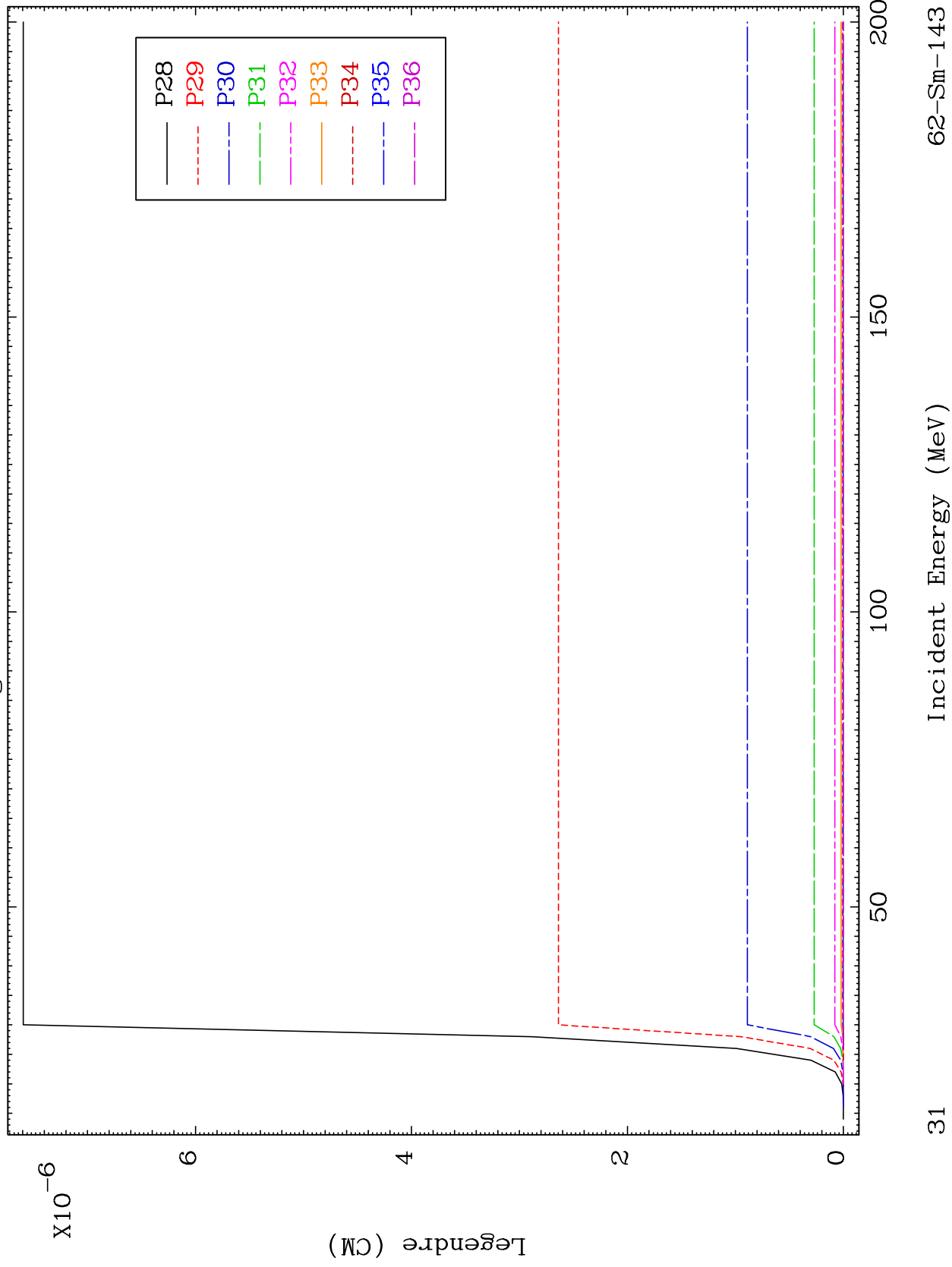
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



31

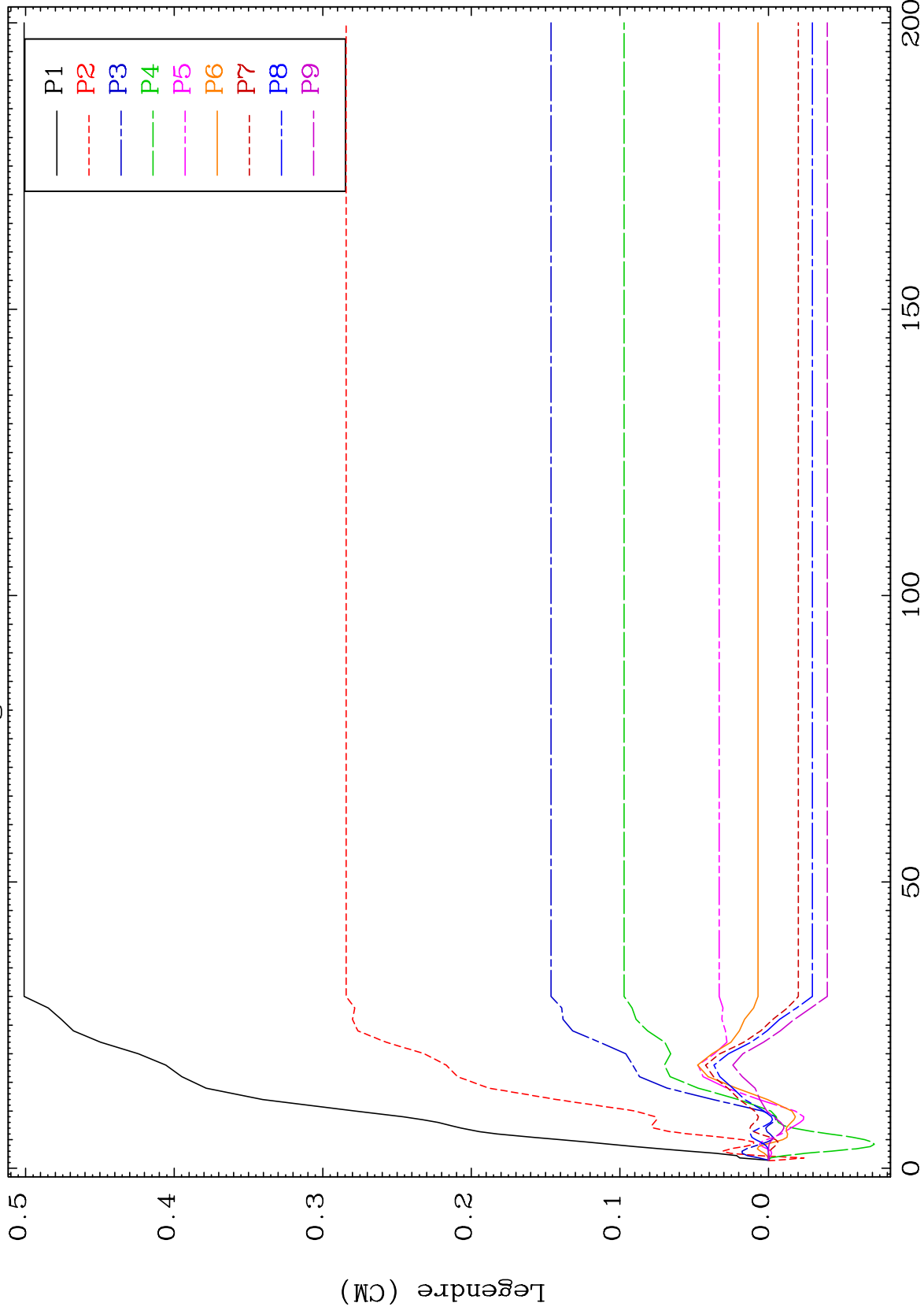
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



62-Sm-143

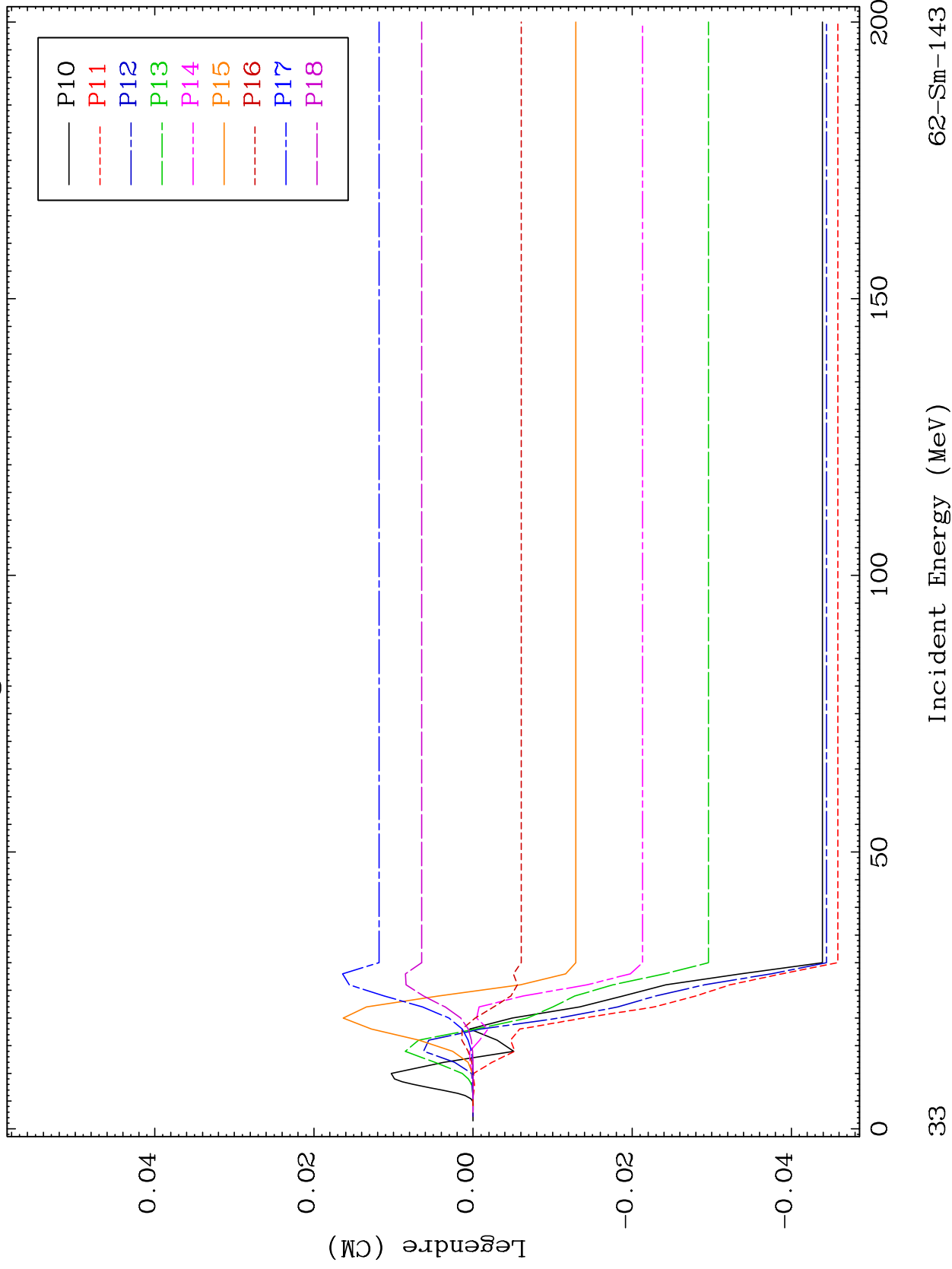
Incident Energy (MeV)

32

MAT 6222

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

62-Sm-143



33

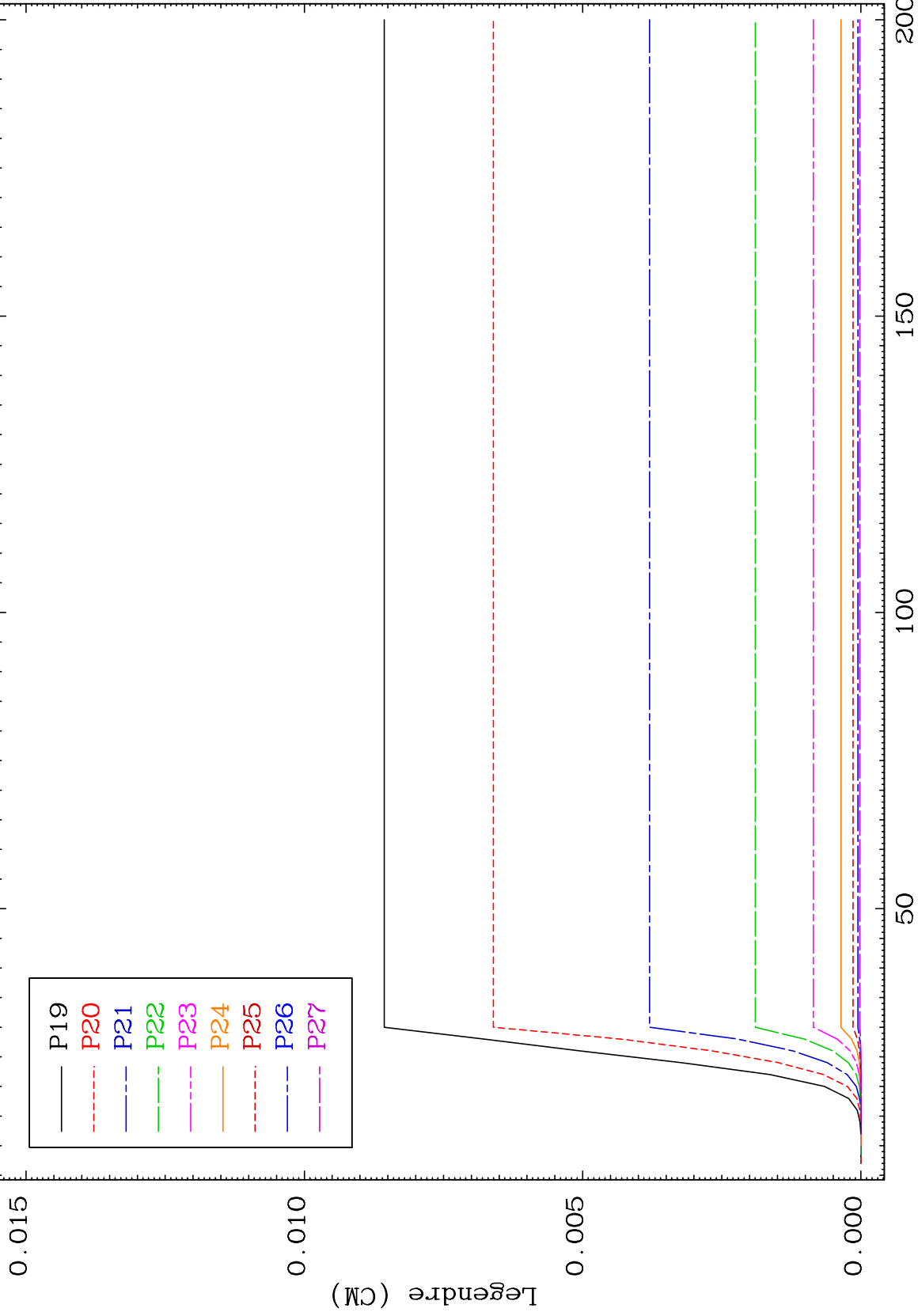
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



34

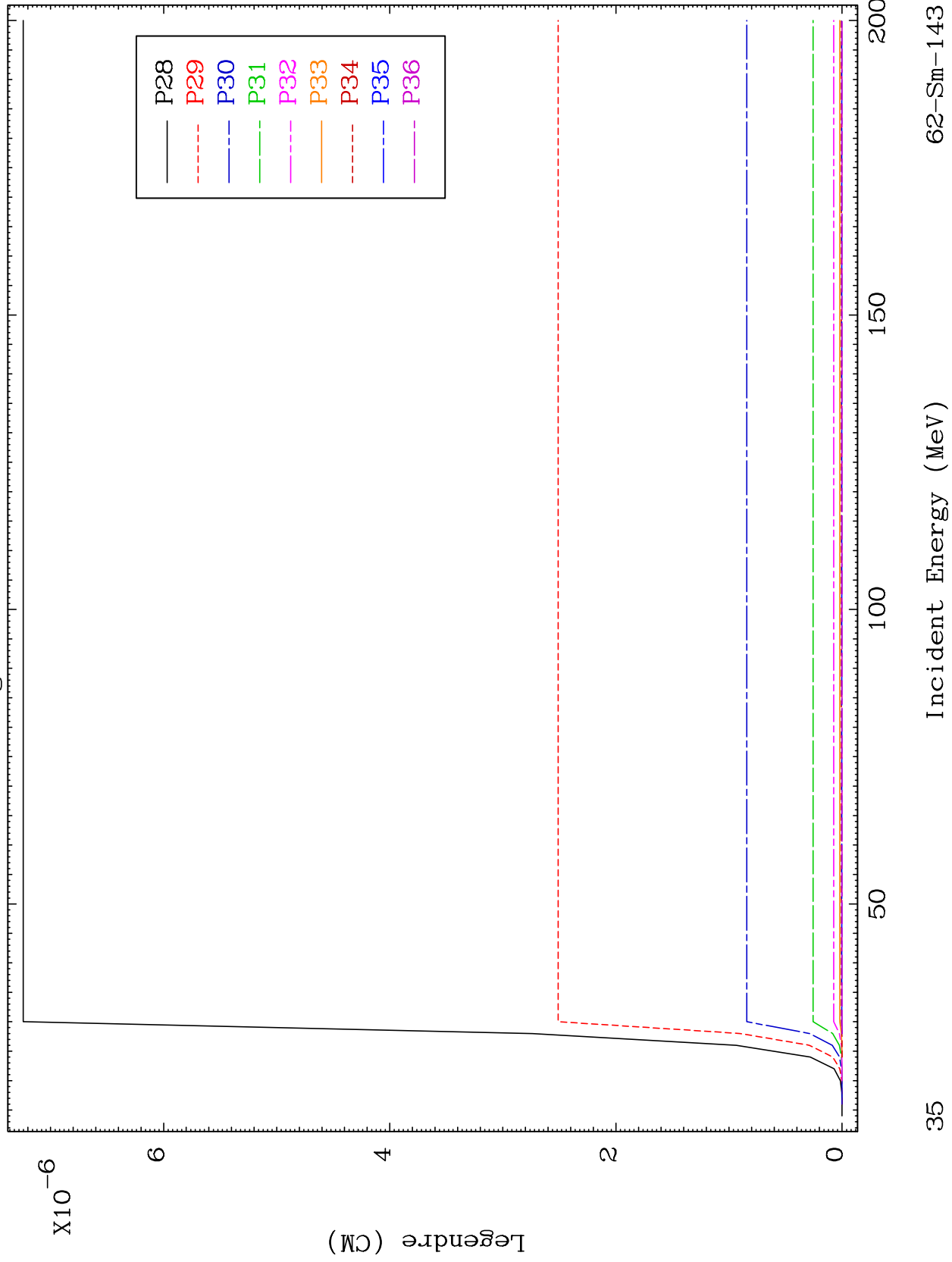
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

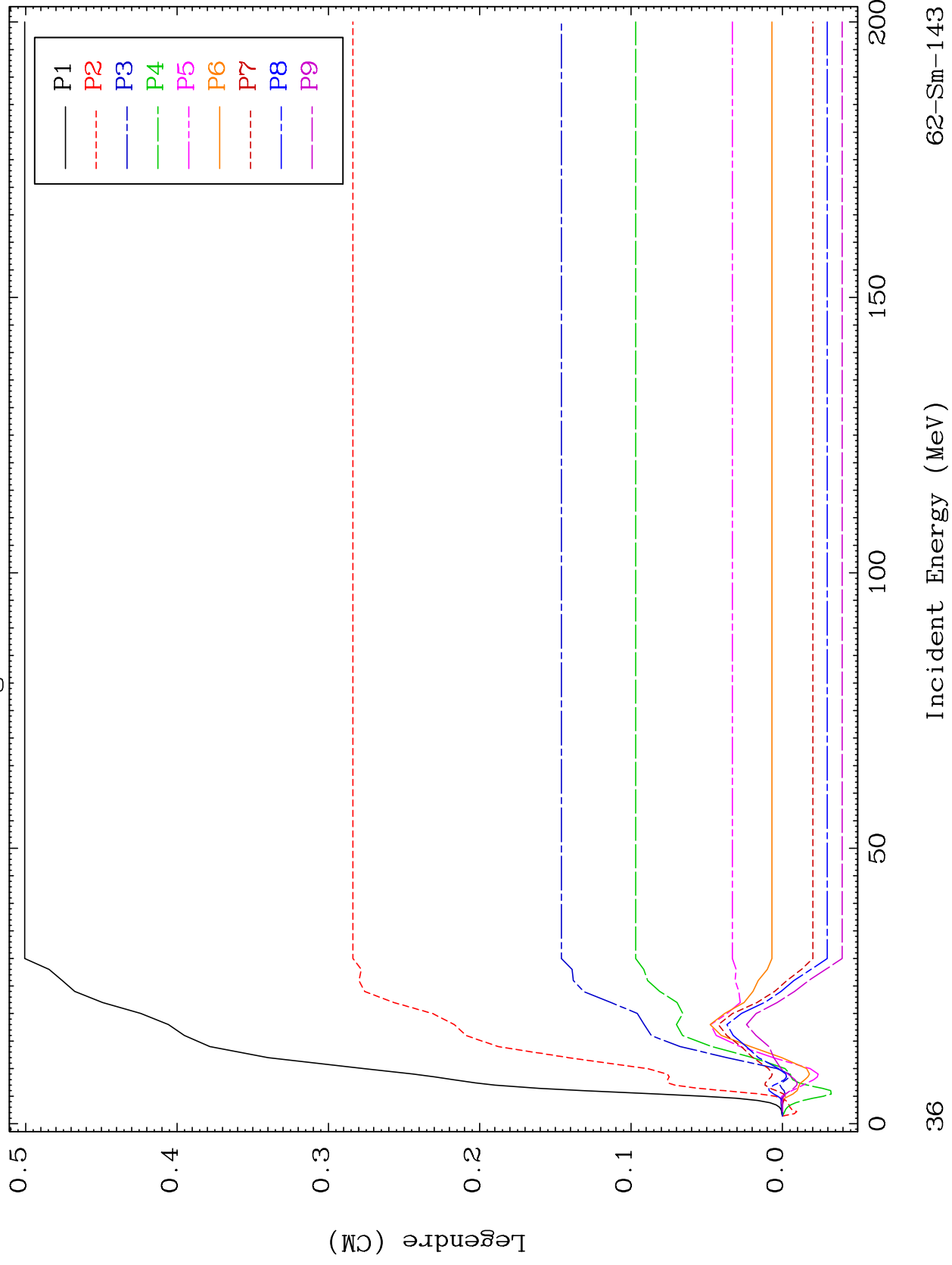
62-Sm-143



MAT 6222

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

62-Sm-143



62-Sm-143

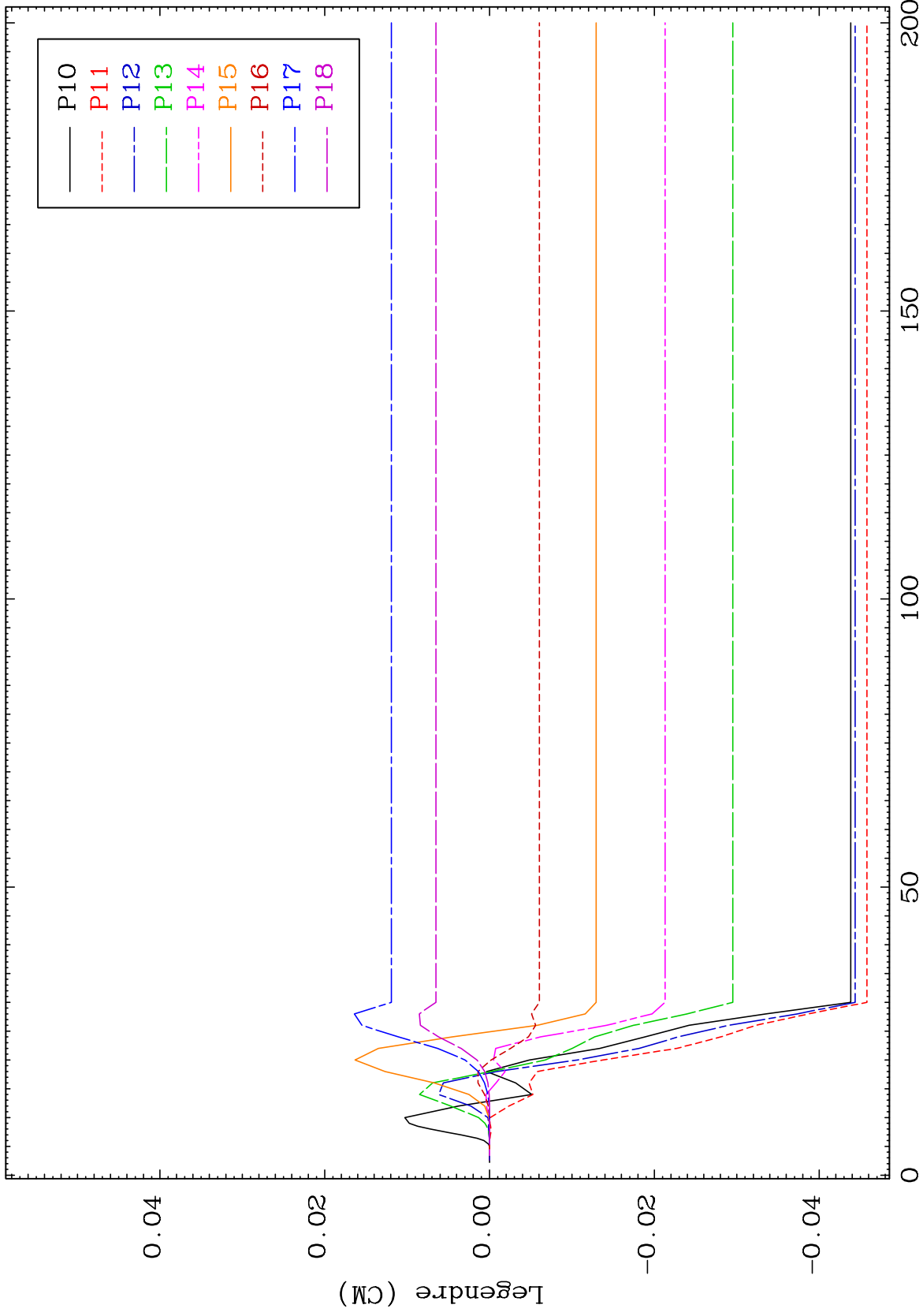
Incident Energy (MeV)

36

MAT 6222

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

62-Sm-143



37

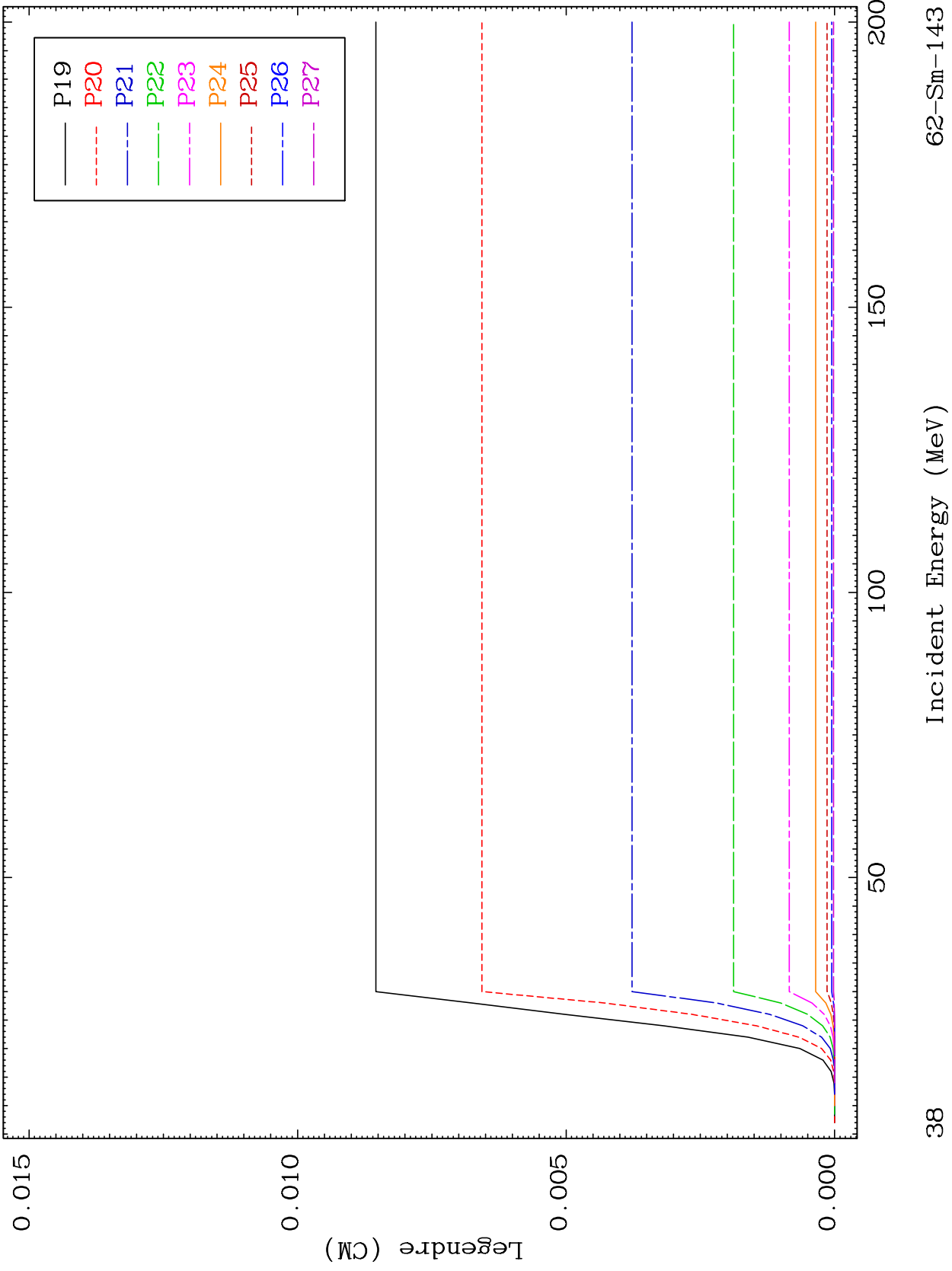
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



38

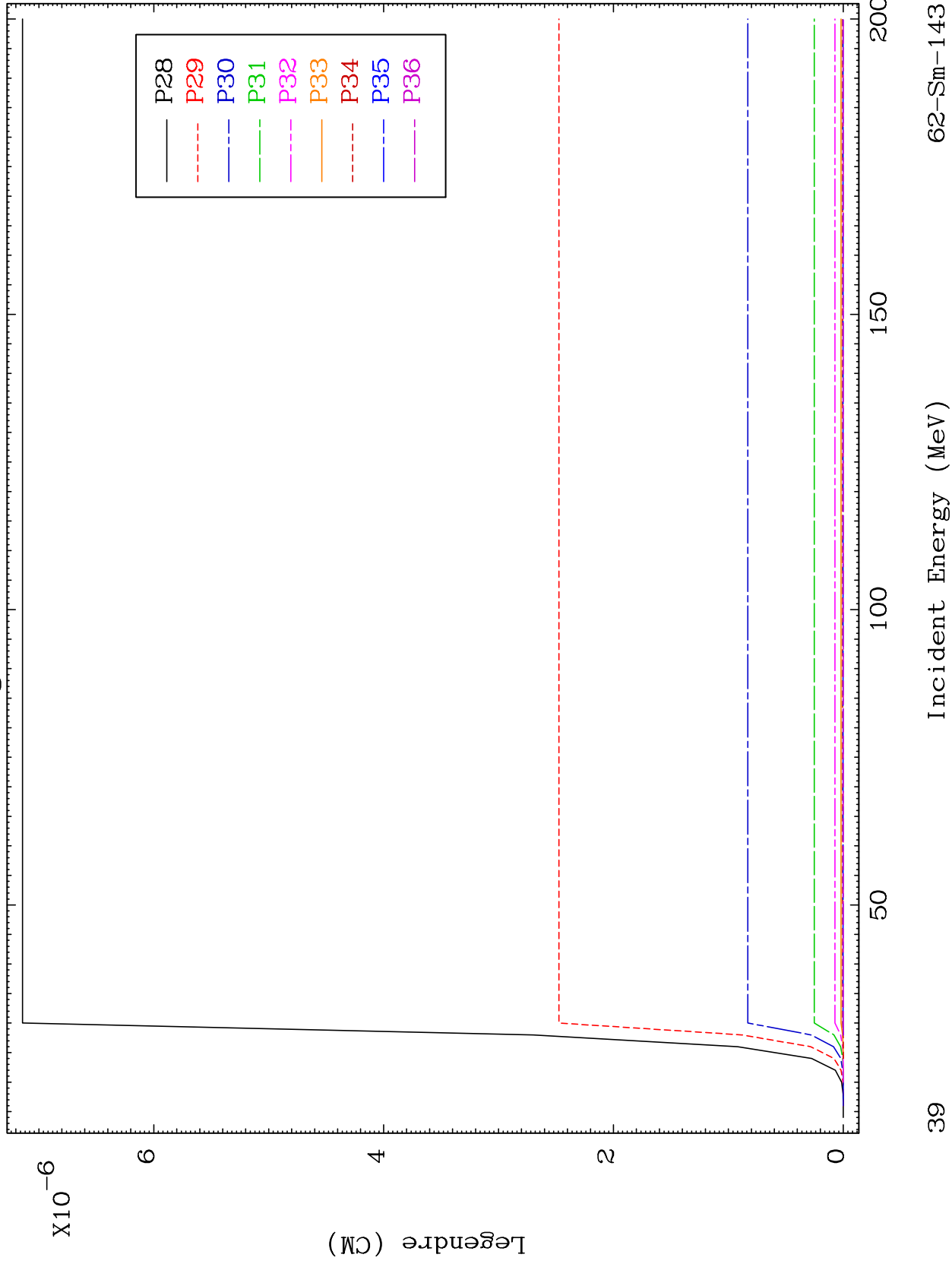
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



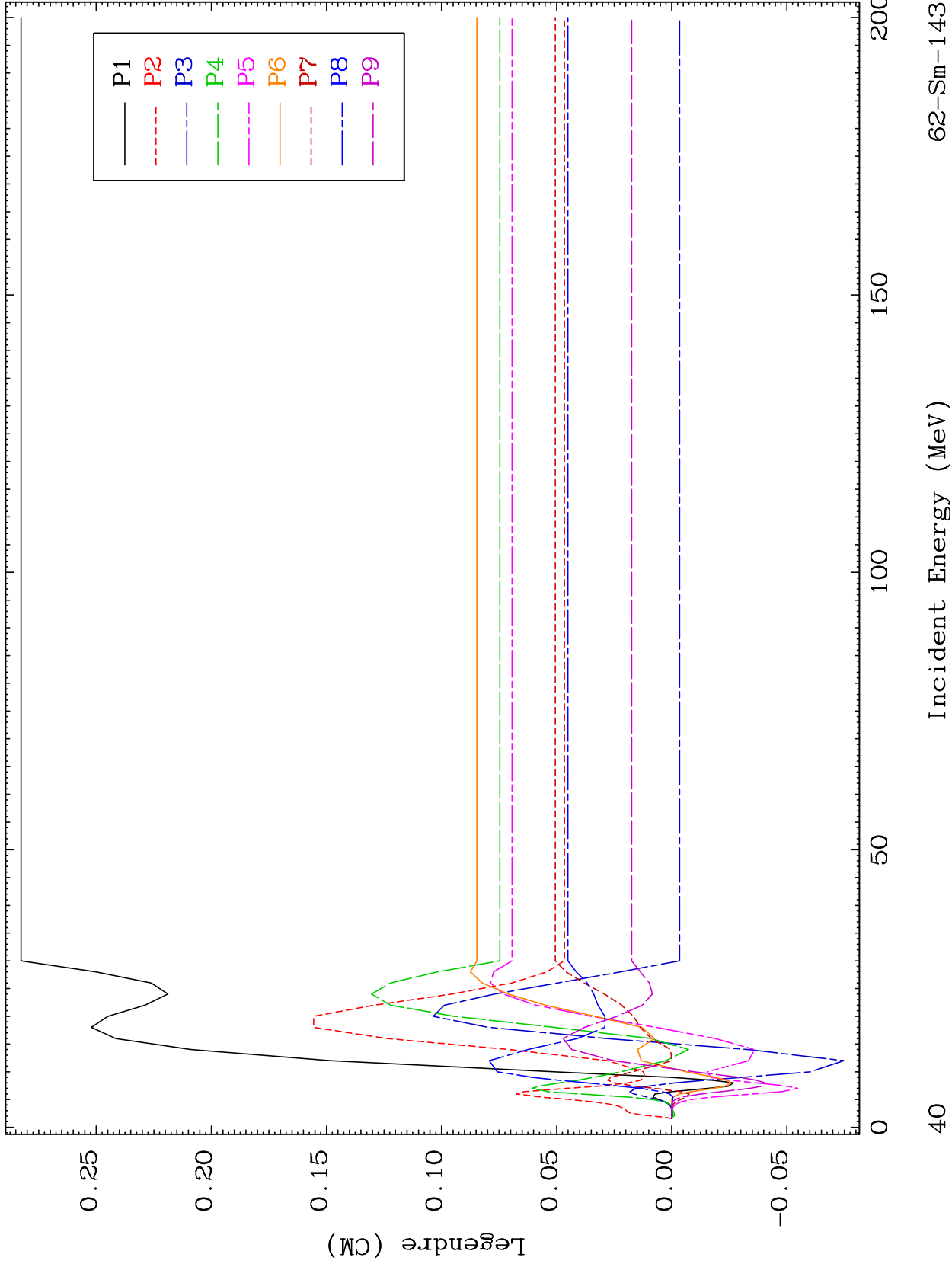
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200

MAT 6222

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

62-Sm-143



62-Sm-143

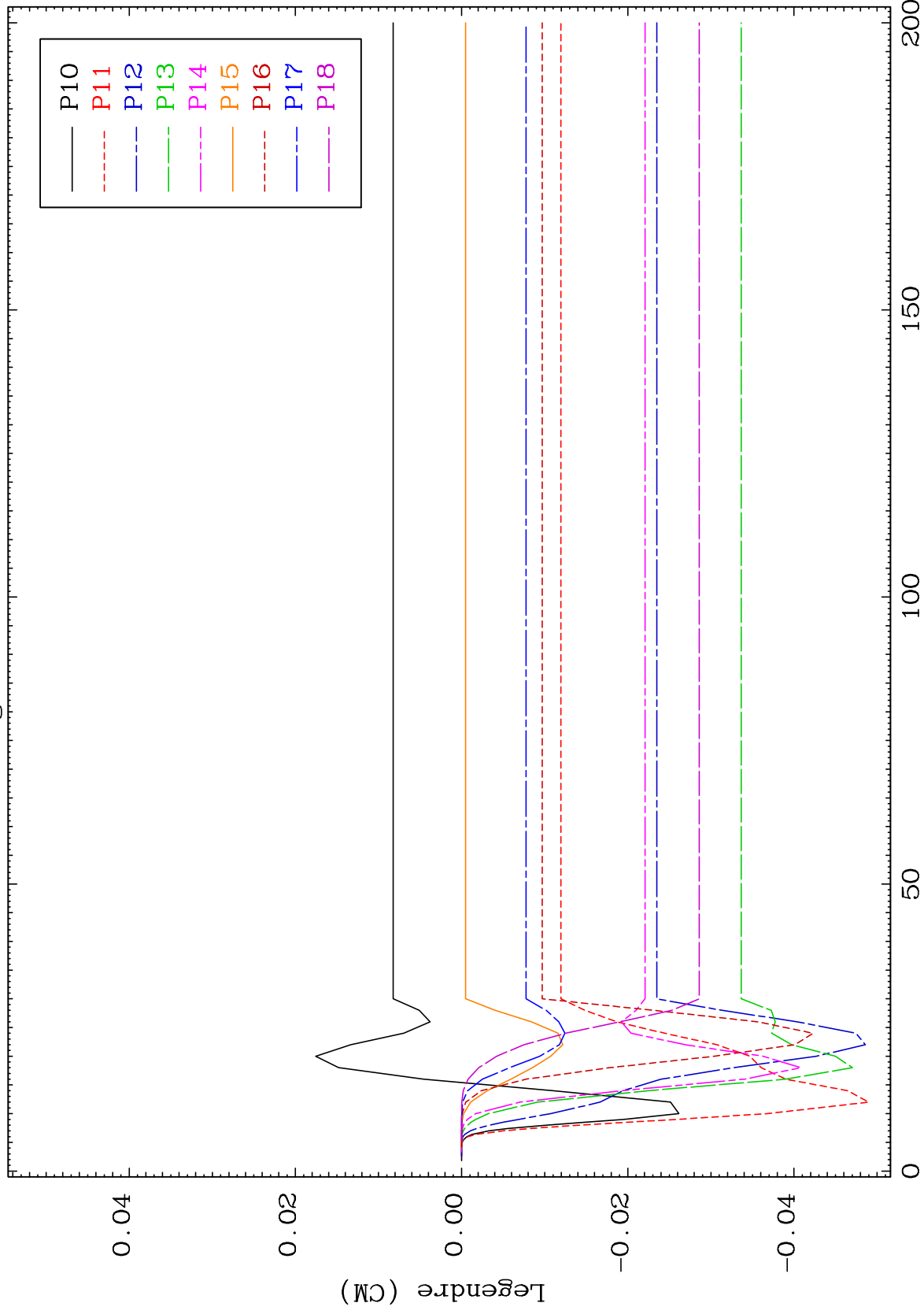
Incident Energy (MeV)

40

MAT 6222

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

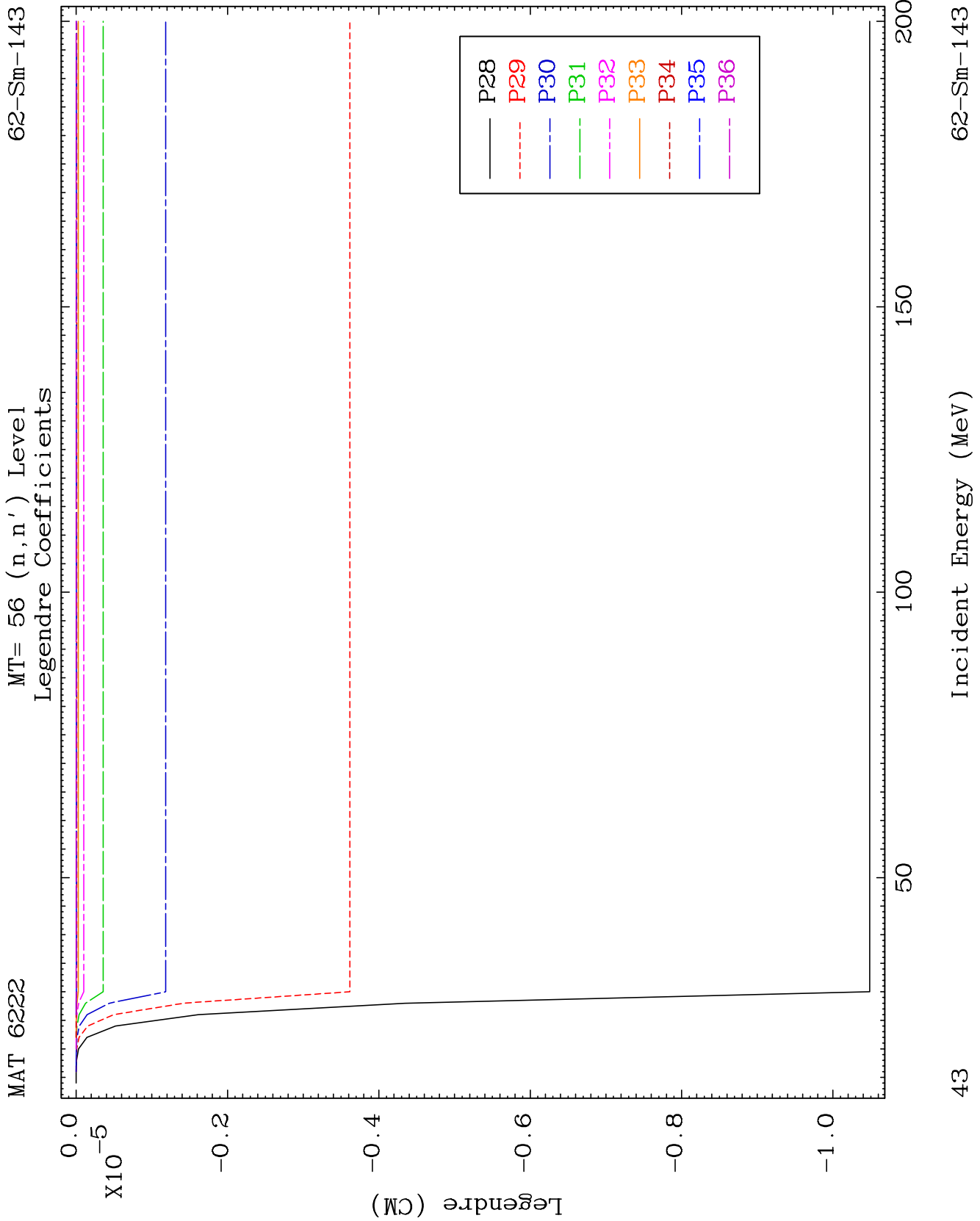
62-Sm-143



41

62-Sm-143

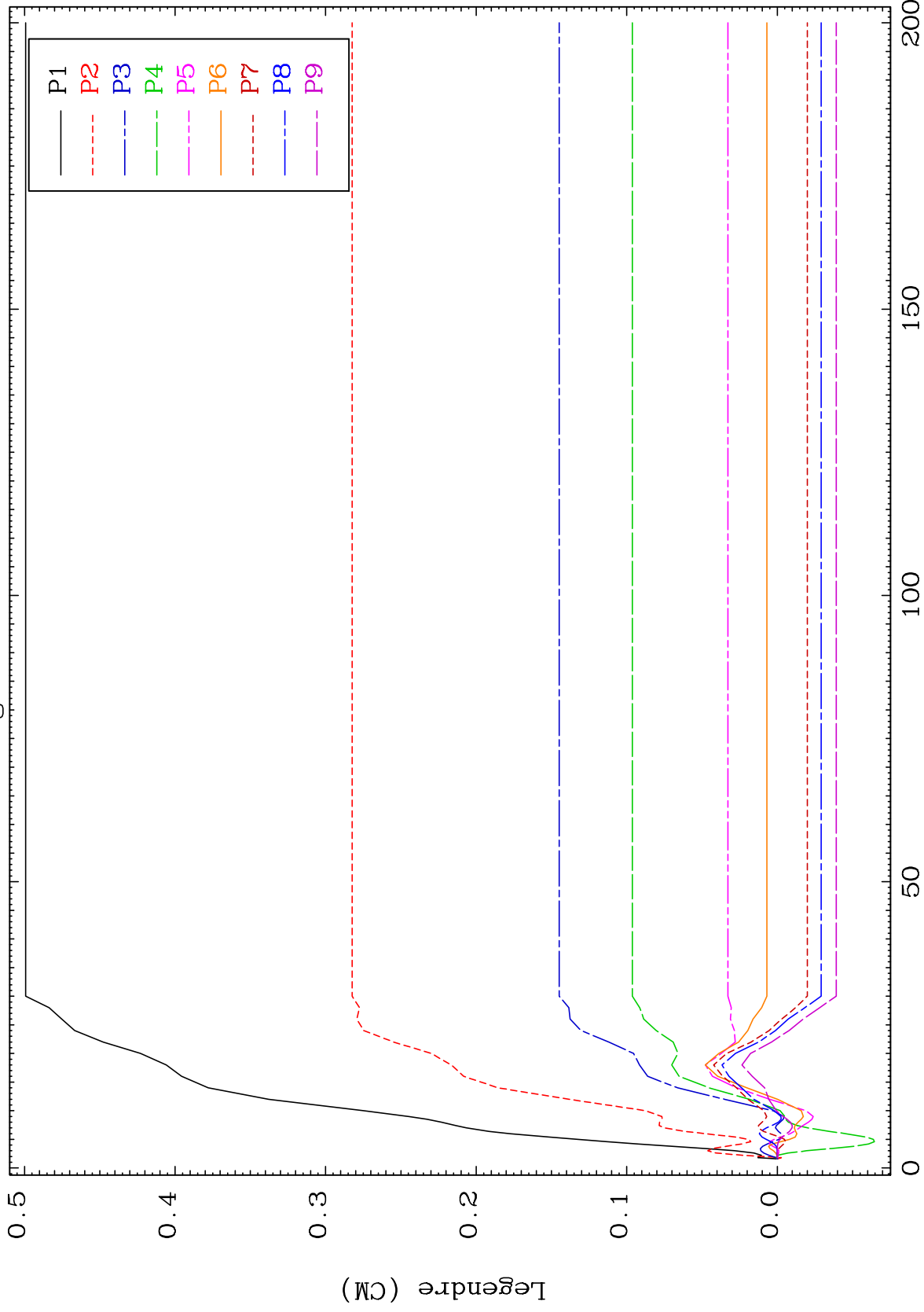




MAT 6222

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

62-Sm-143



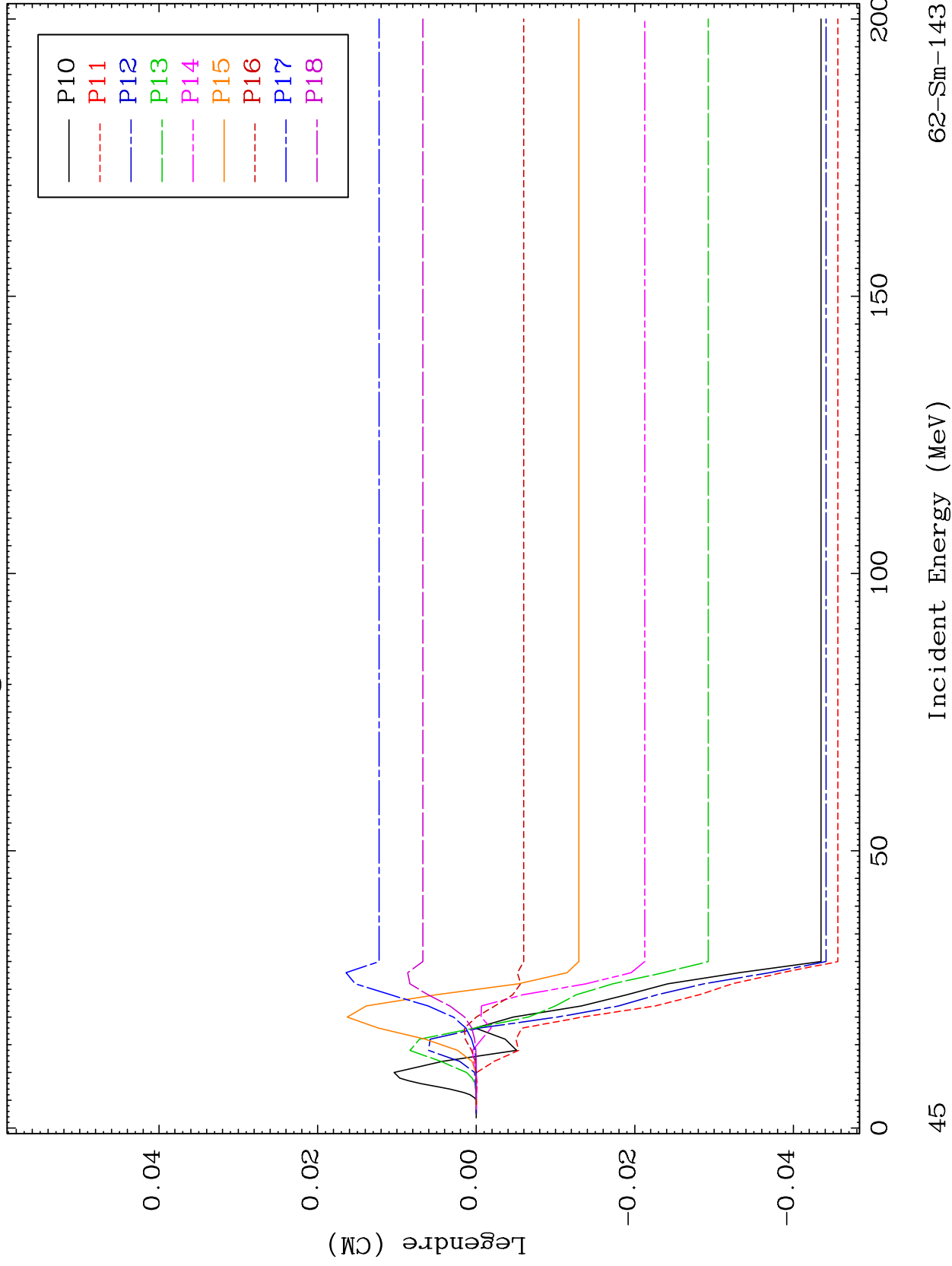
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62-Sm-143

MAT 6222

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

62-Sm-143



62-Sm-143

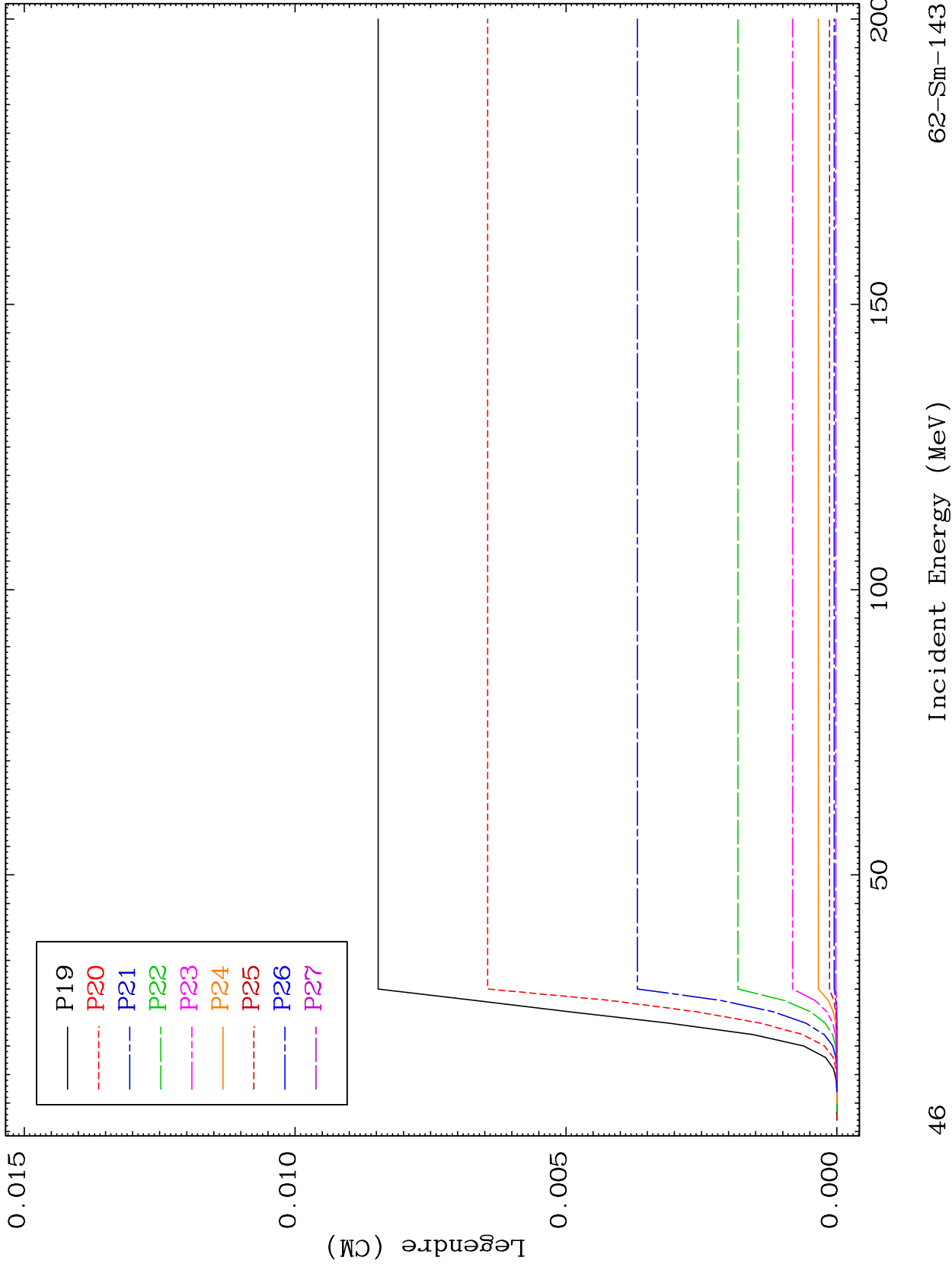
Incident Energy (MeV)

45

MAT 6222

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

62-Sm-143



46

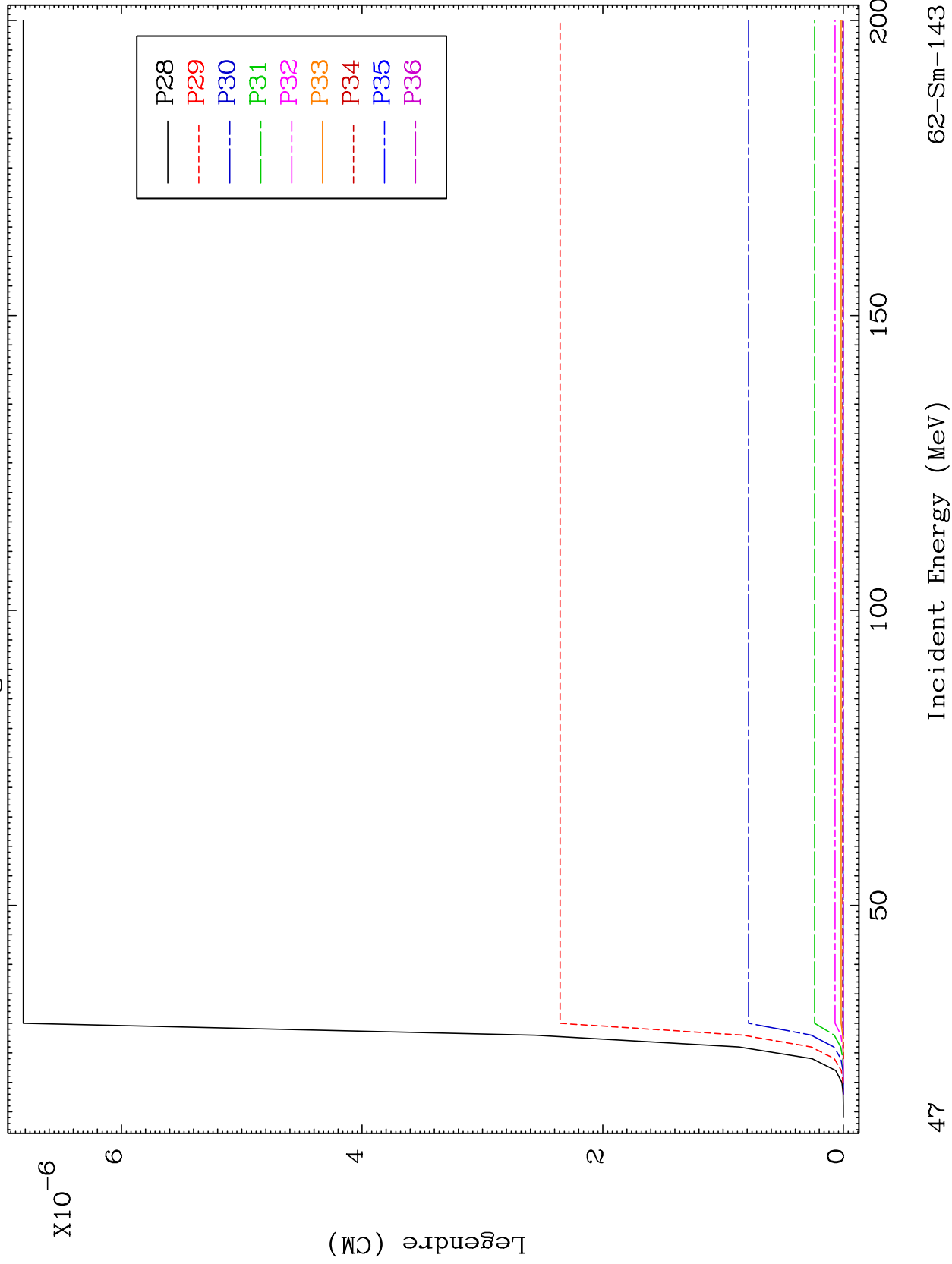
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



47

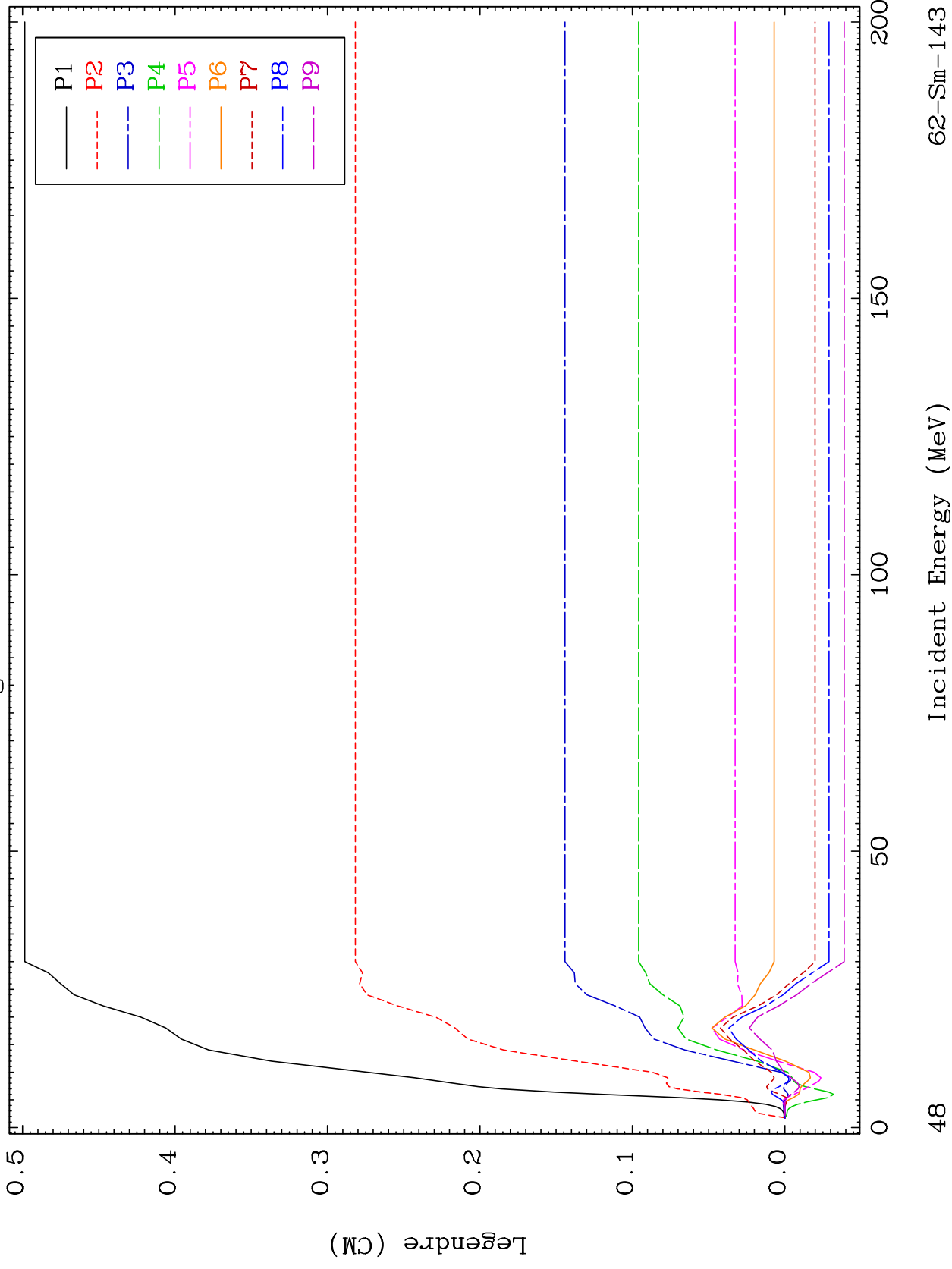
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



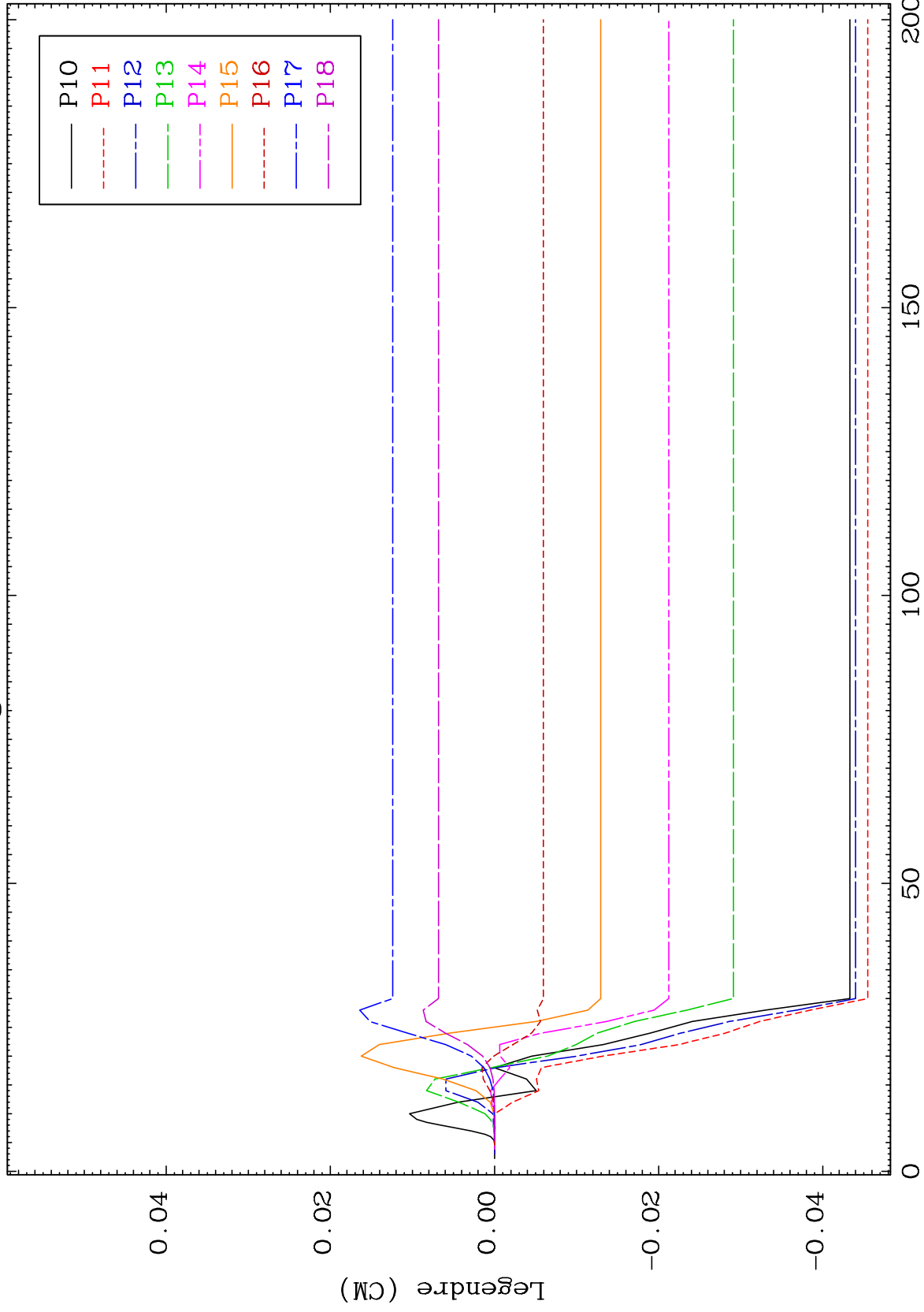
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62-Sm-143

MAT 6222

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

62-Sm-143



49

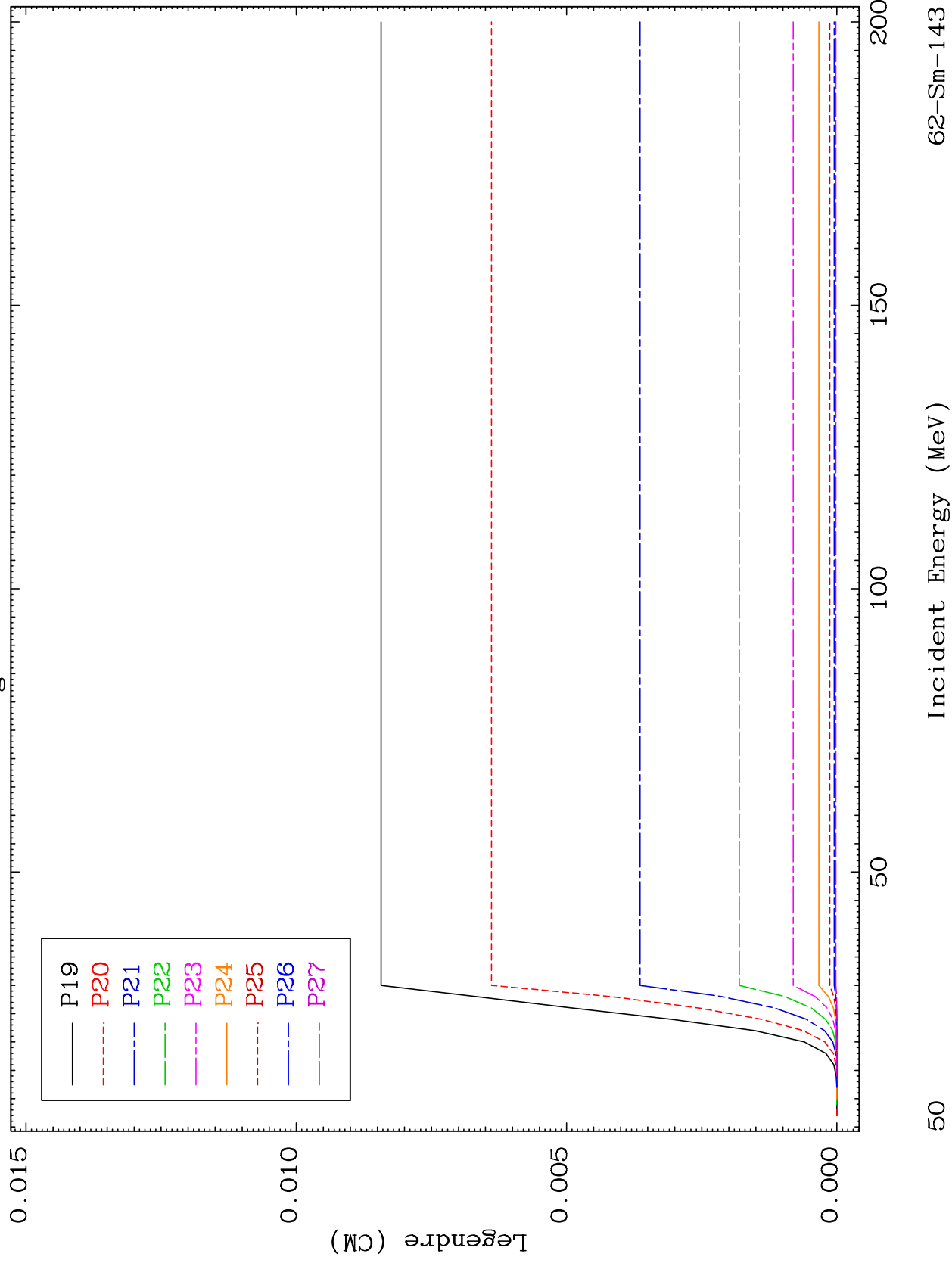
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



62-Sm-143

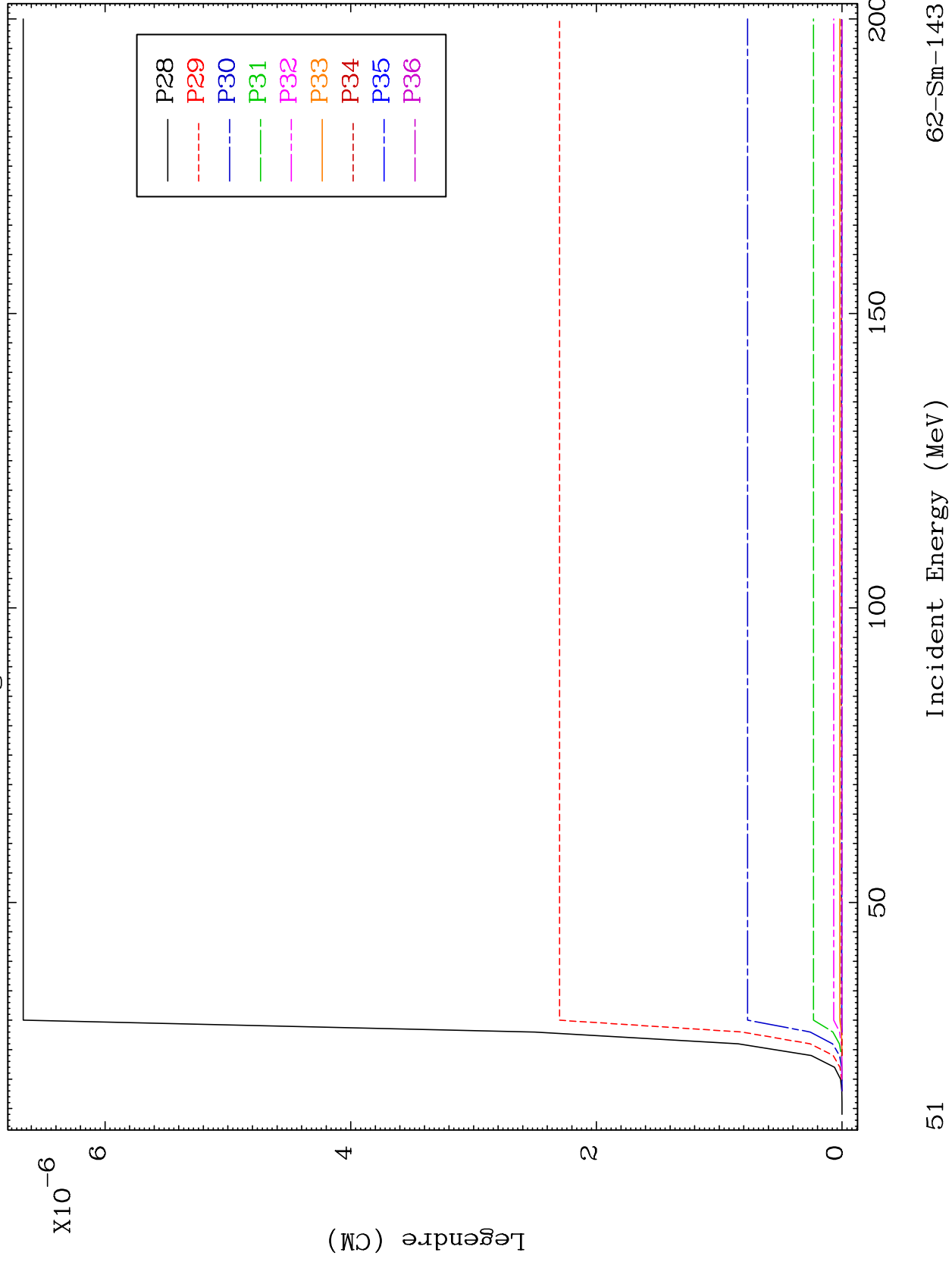
Incident Energy (MeV)

50

MAT 6222

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

62-Sm-143



51

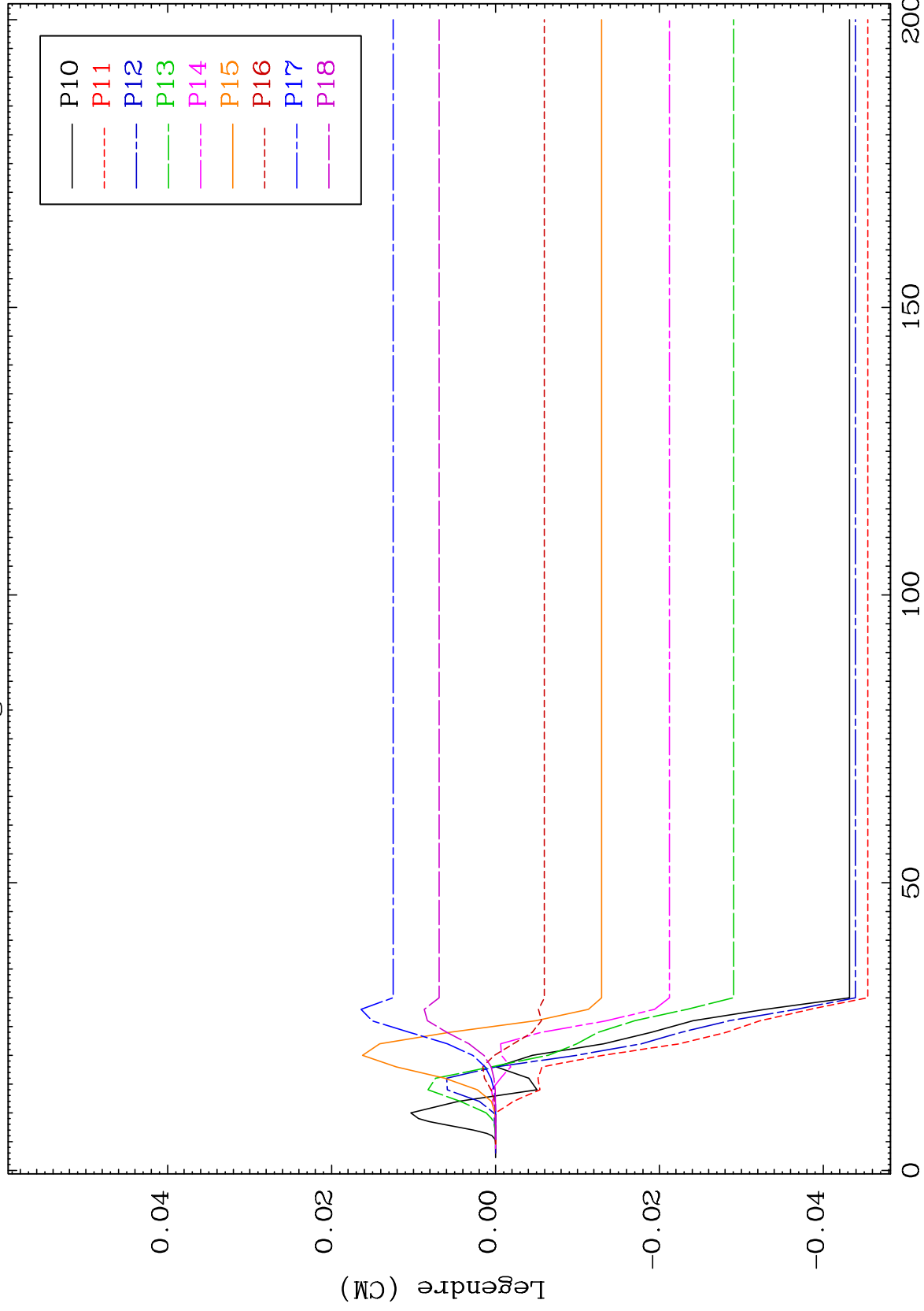
62-Sm-143



MAT 6222

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

62-Sm-143



53

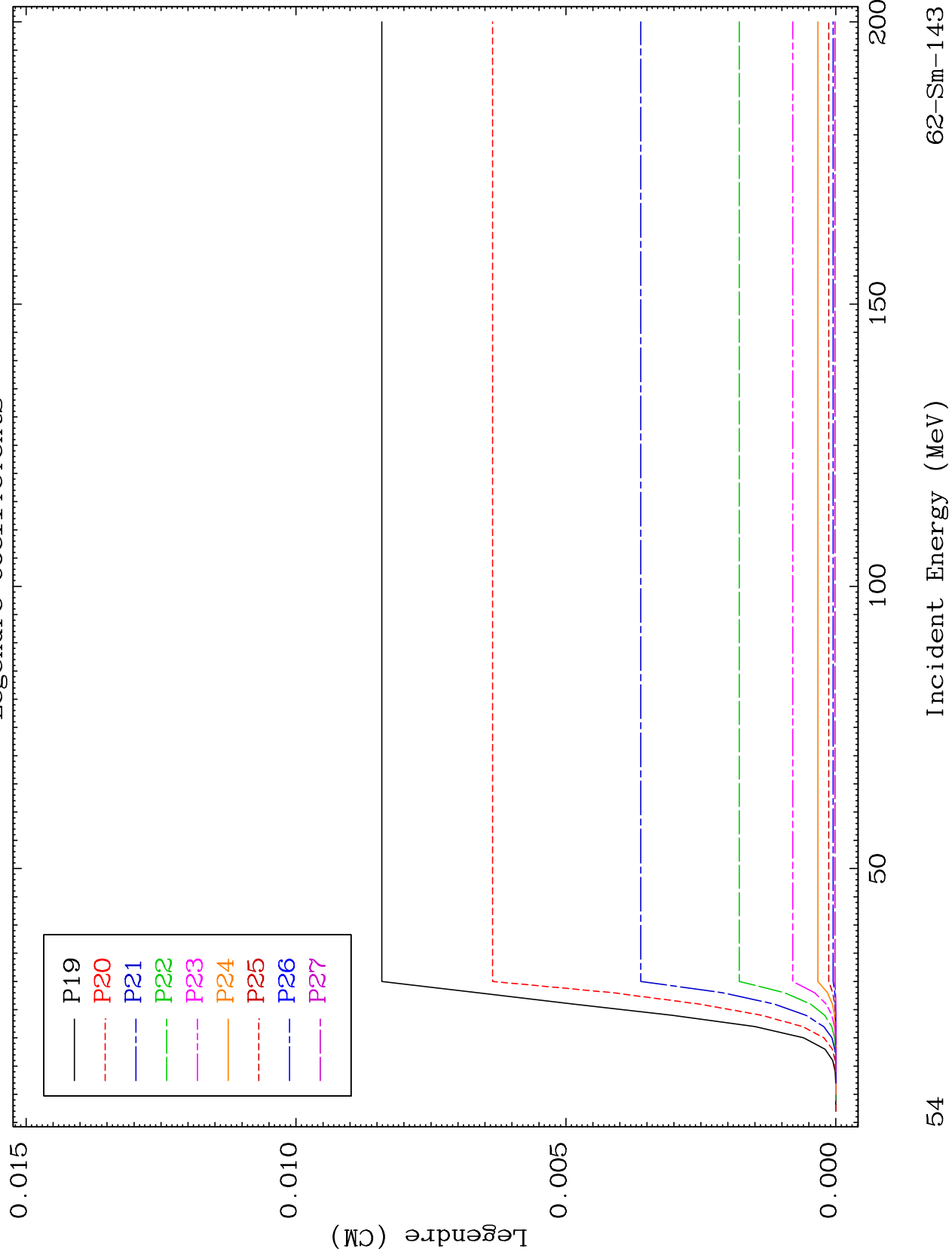
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



54

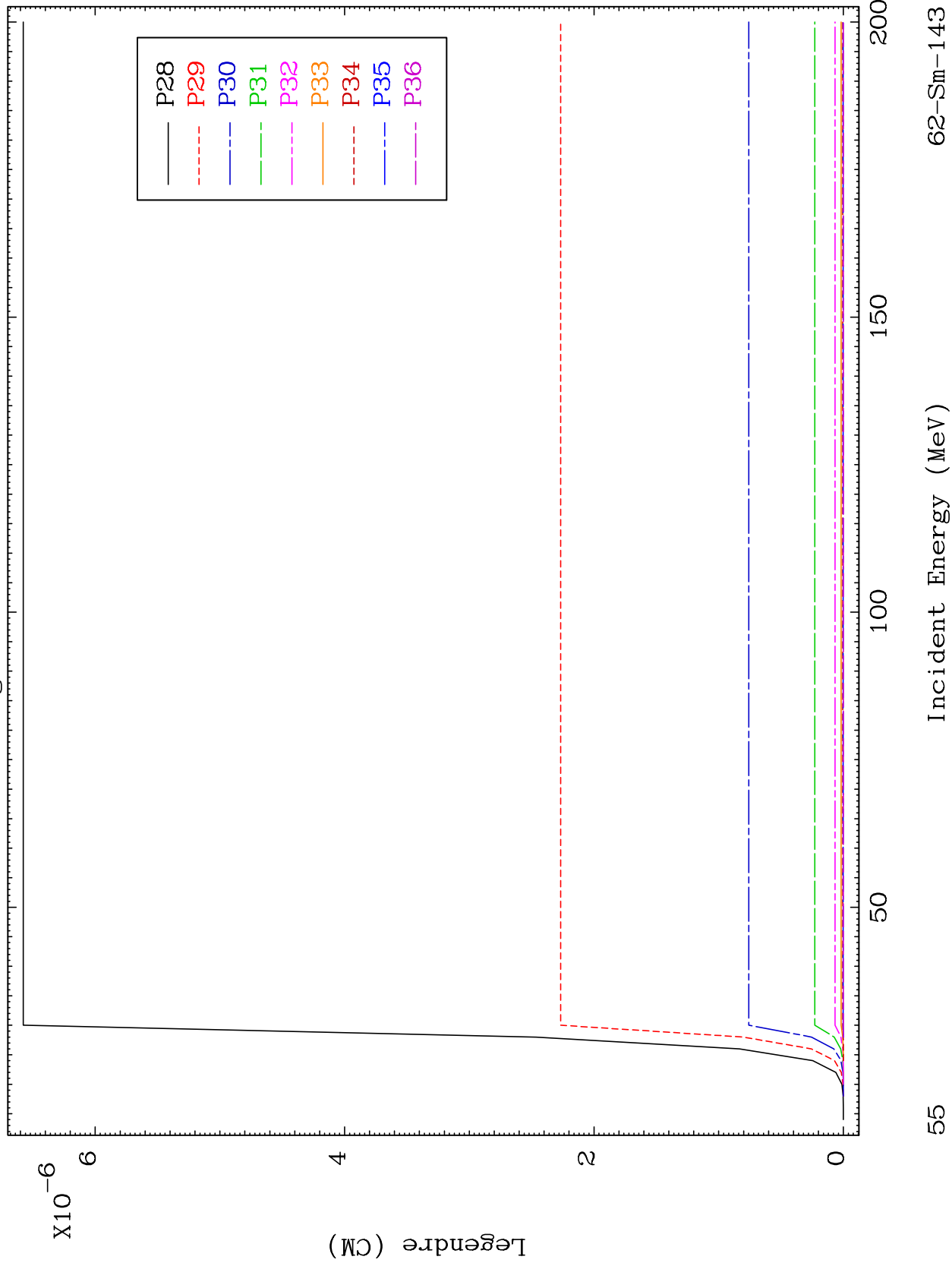
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

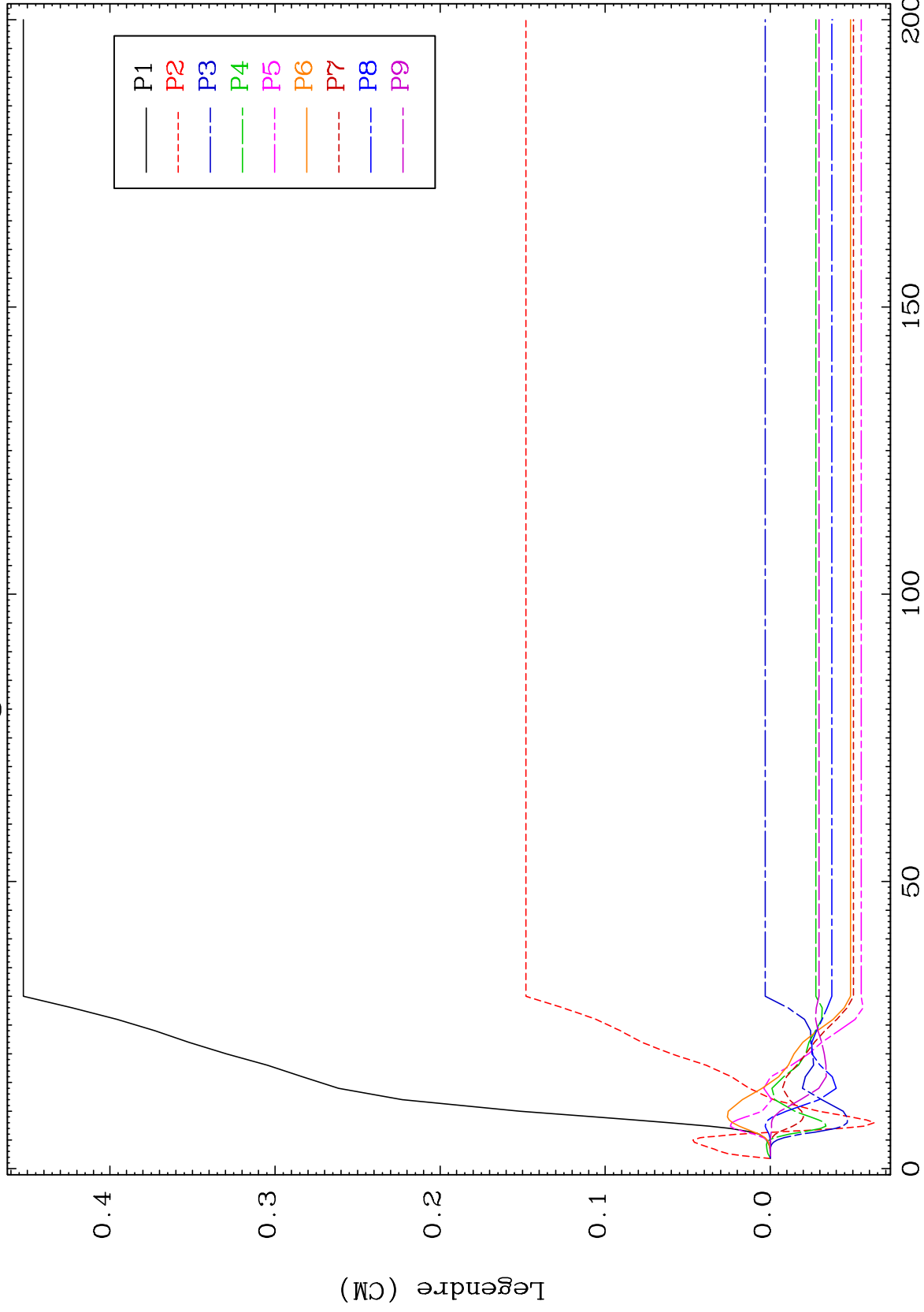
62-Sm-143



MAT 6222

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

62-Sm-143



62-Sm-143

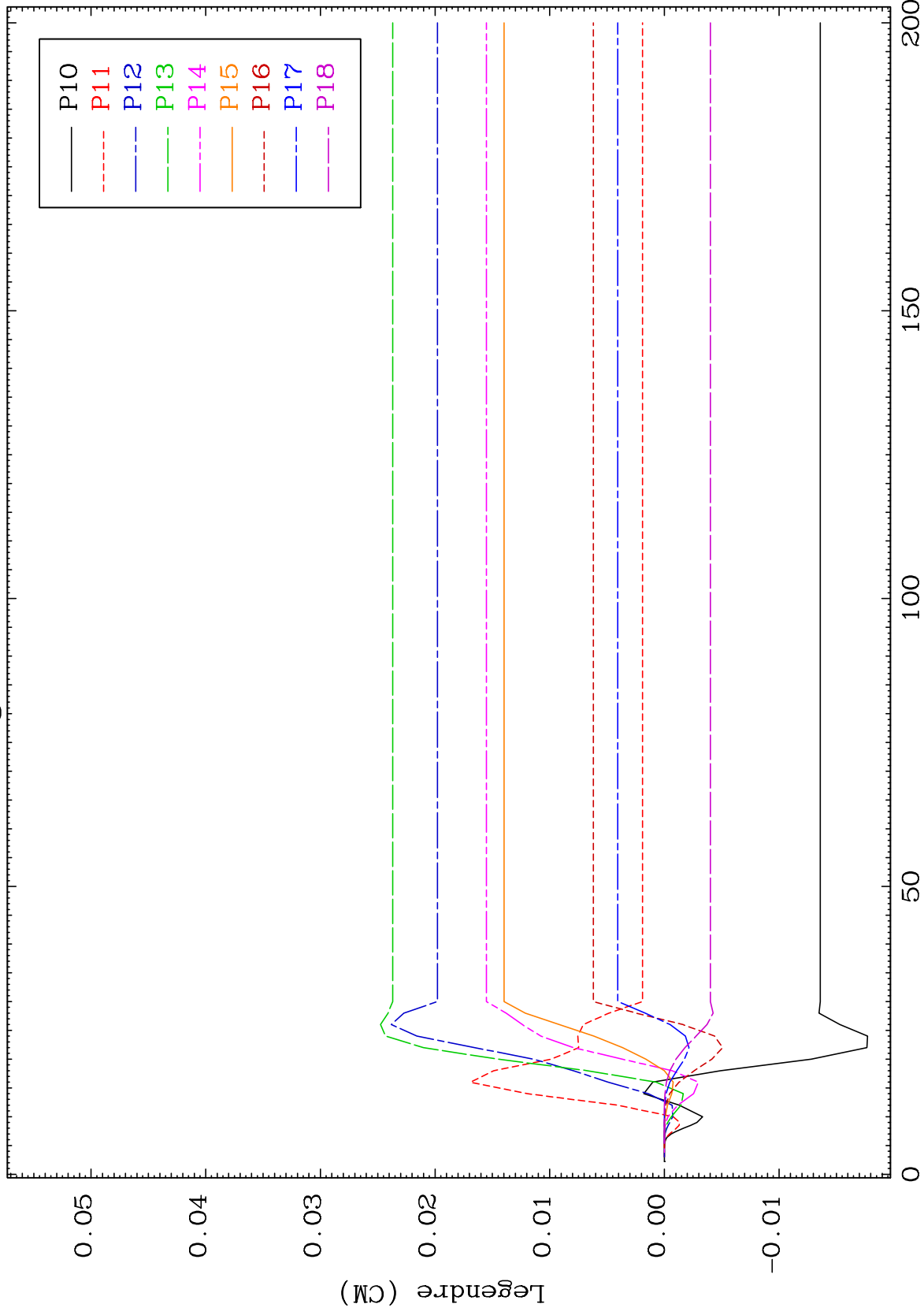
Incident Energy (MeV)

56

MAT 6222

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

62-Sm-143



57

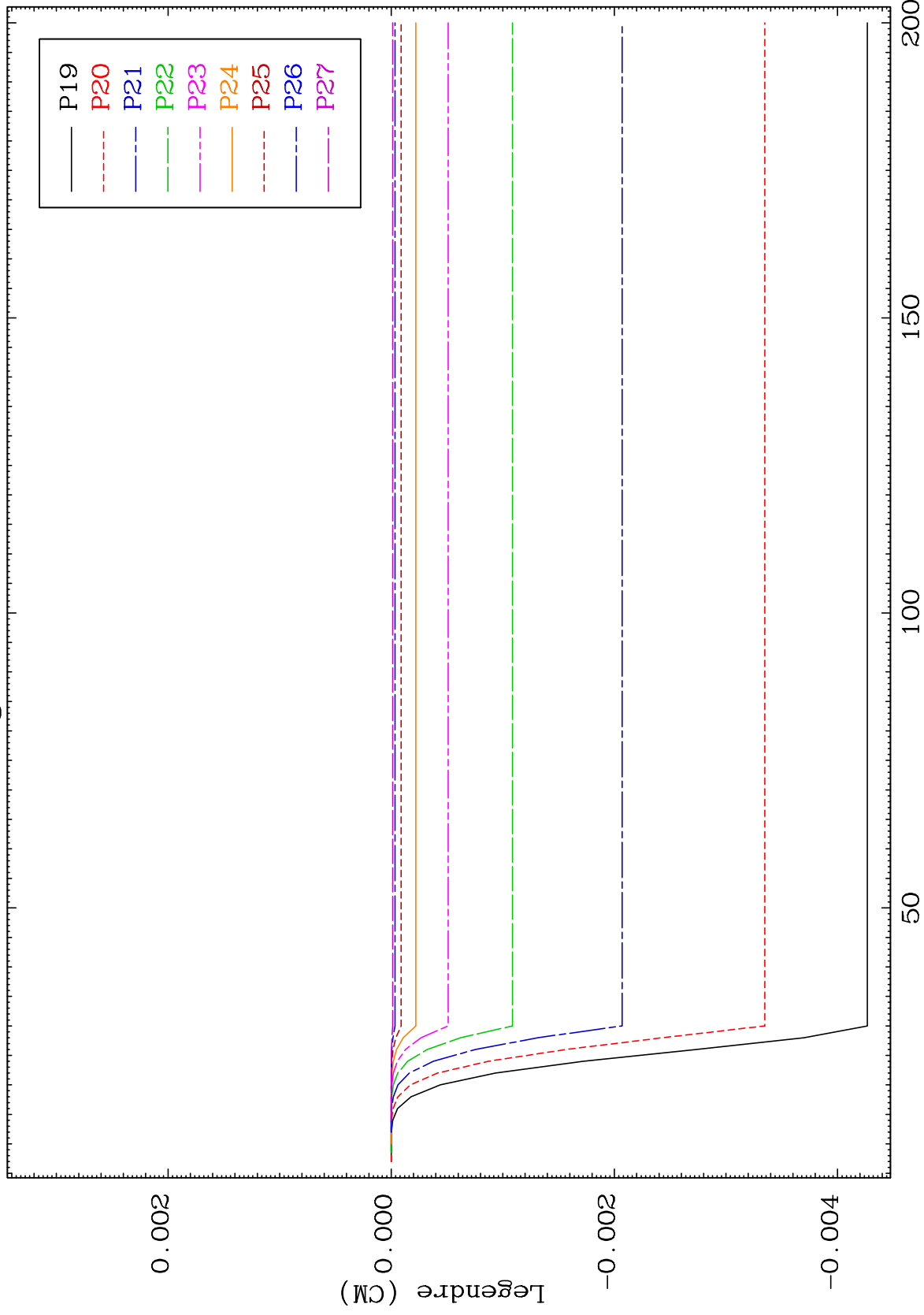
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

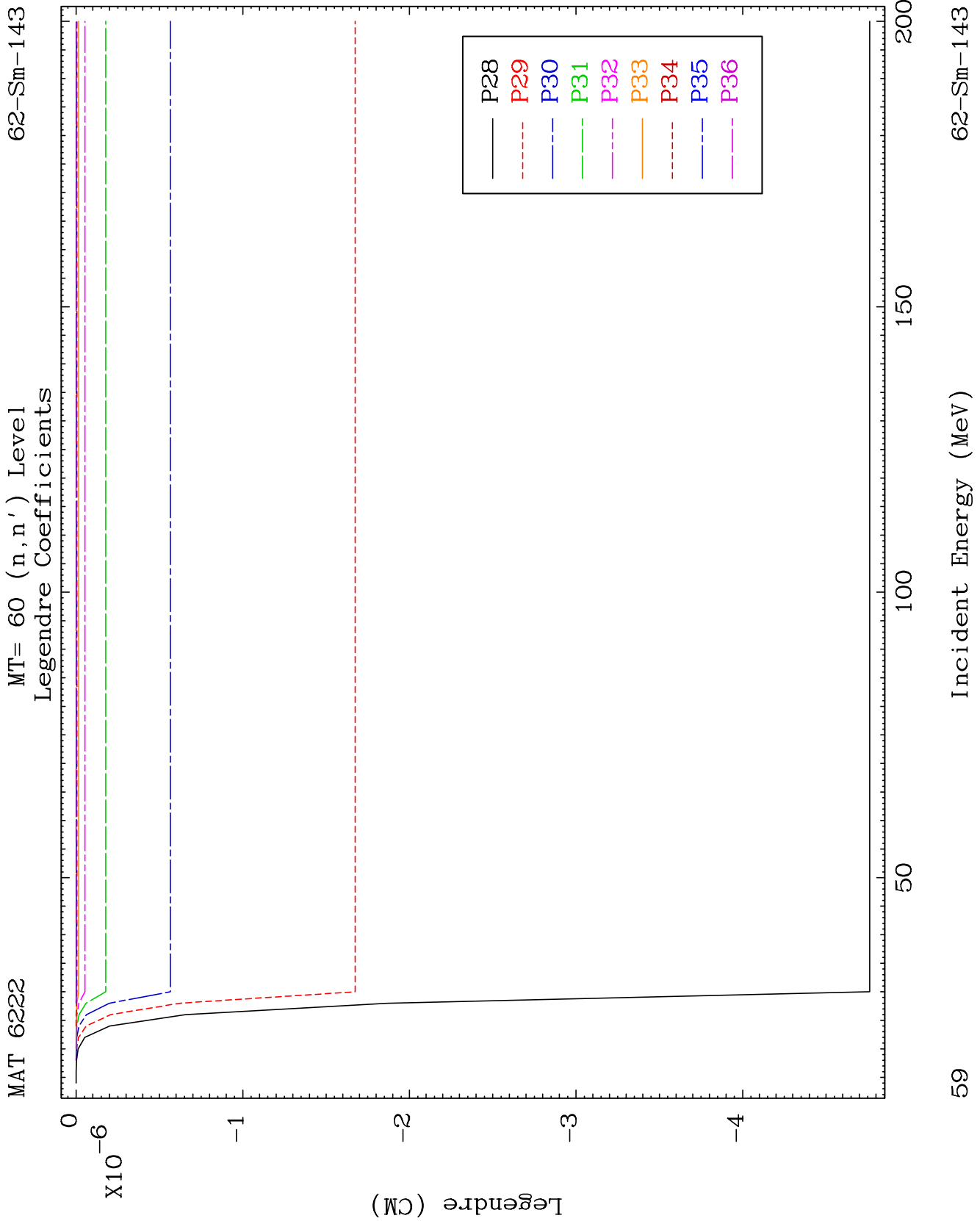
62-Sm-143



58

Incident Energy (MeV)

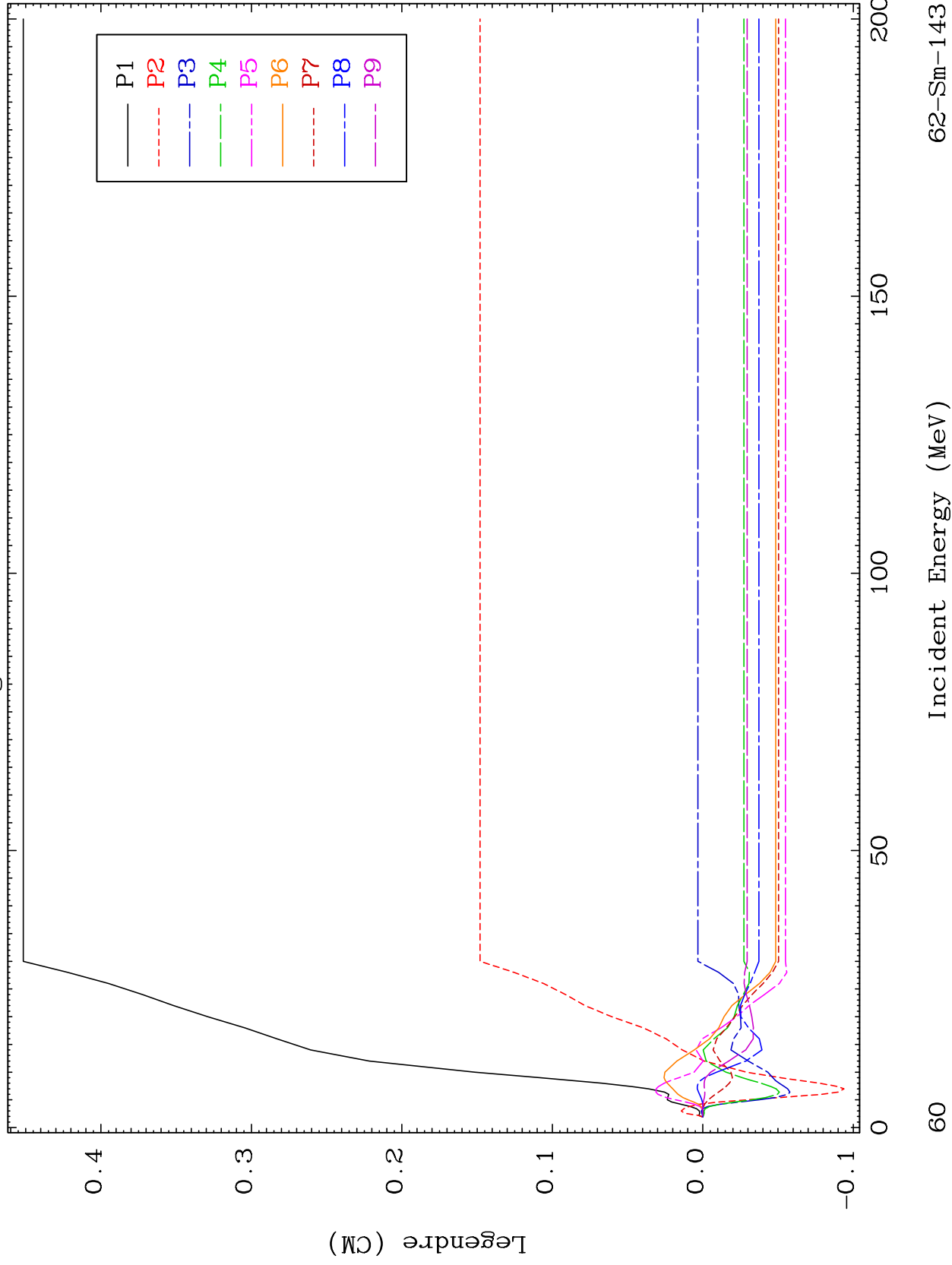
62-Sm-143



MAT 6222

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

62-Sm-143

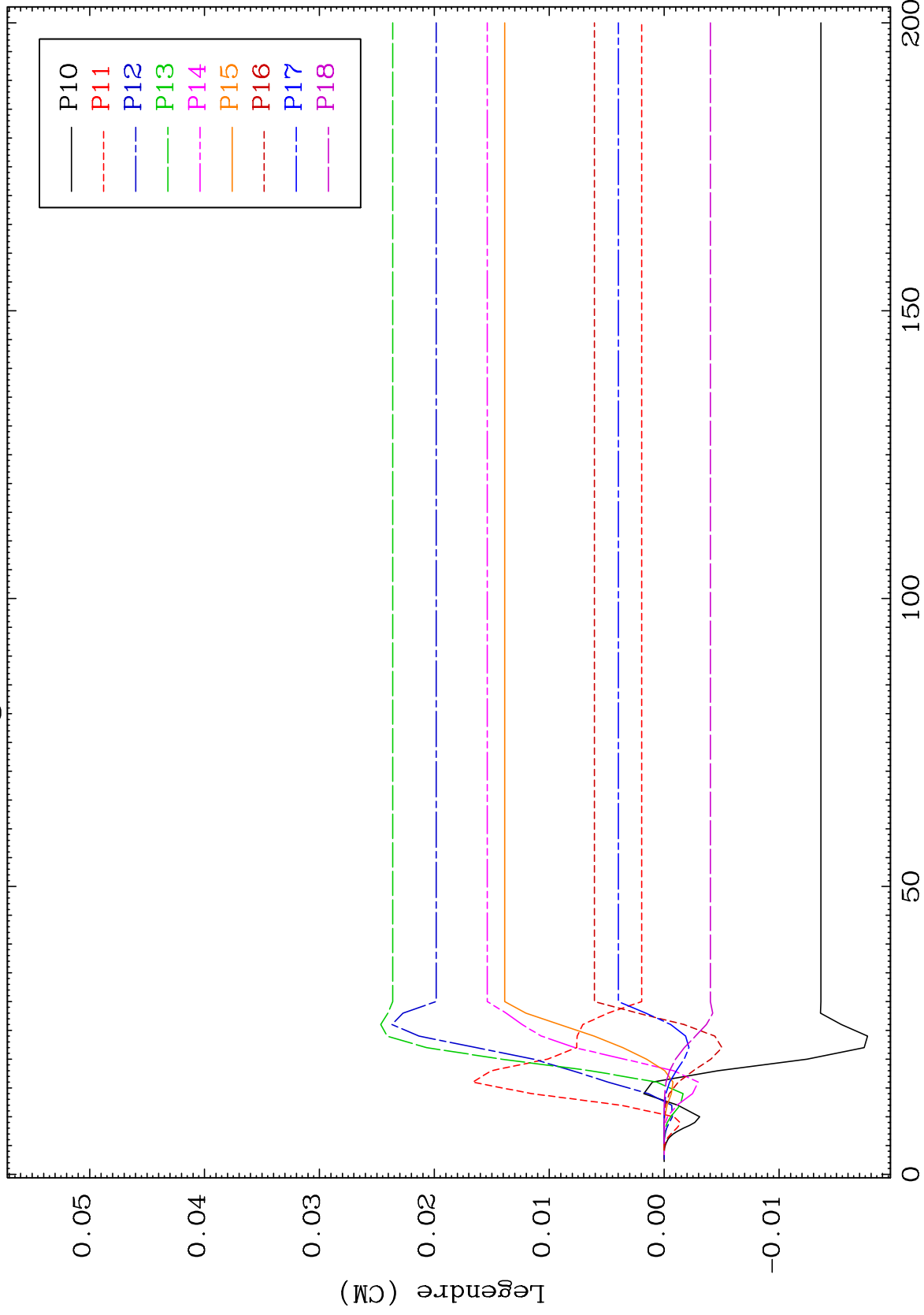


62-Sm-143

MAT 62222

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

62-Sm-143



61

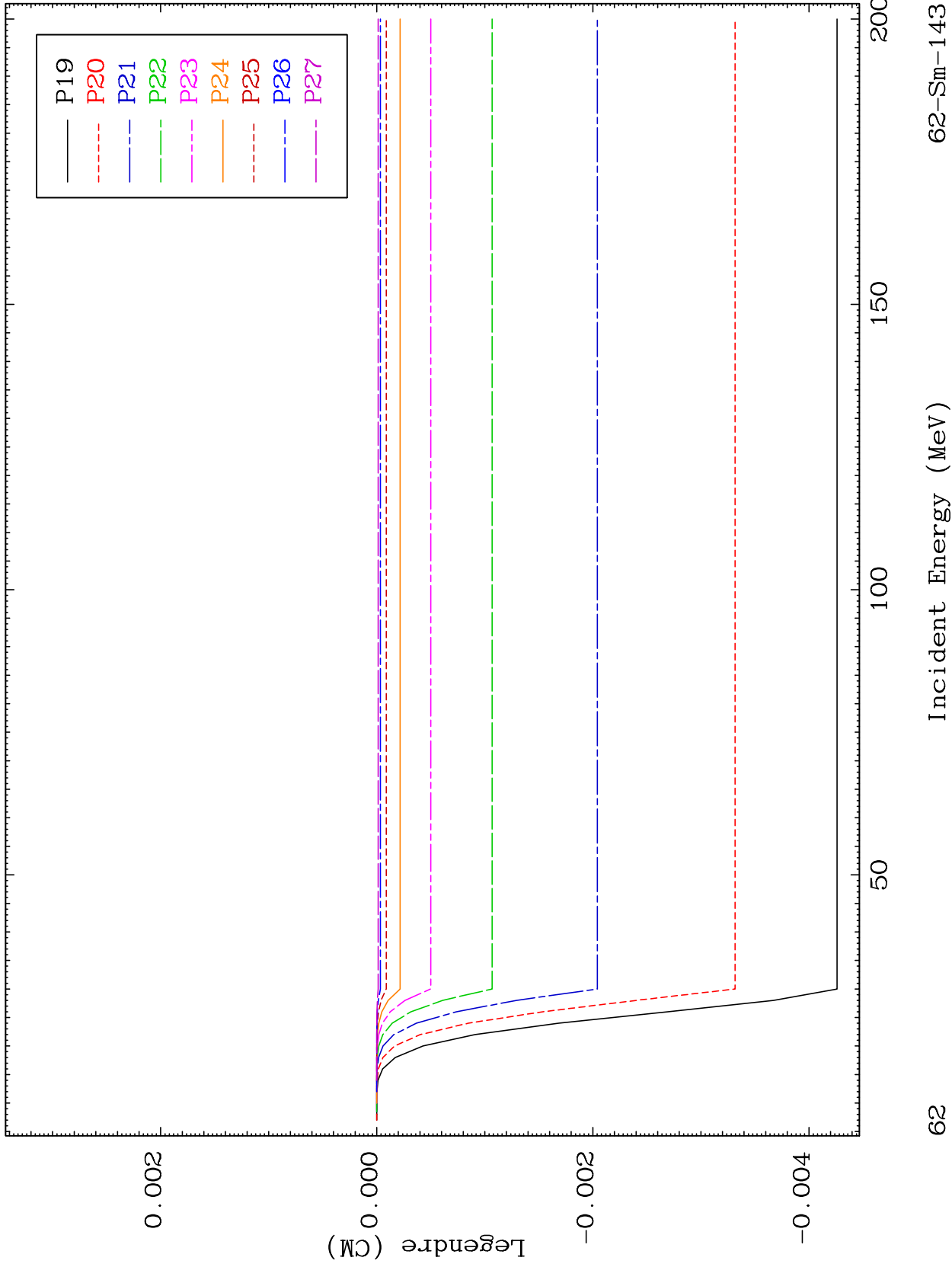
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

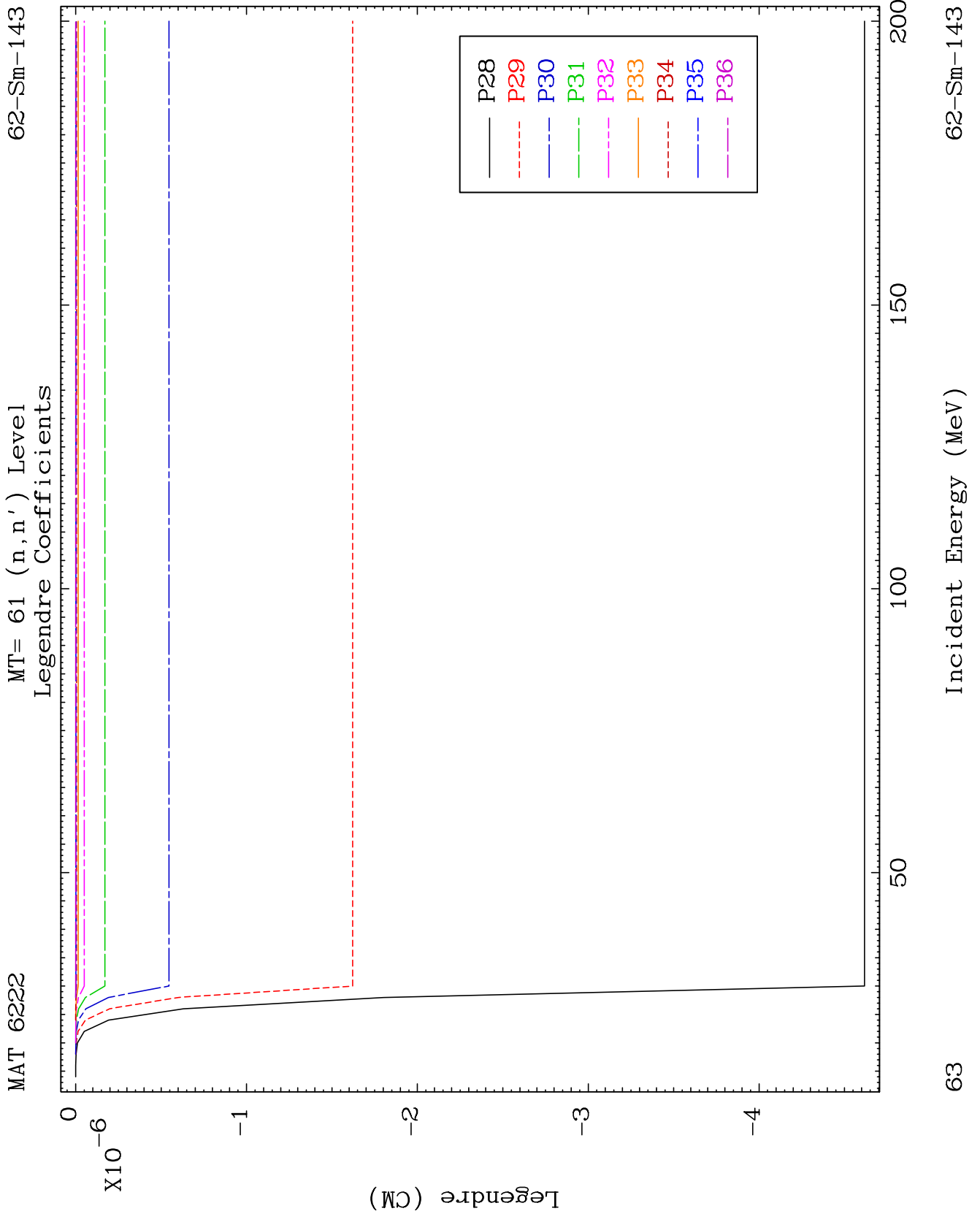
62-Sm-143



62

Incident Energy (MeV)

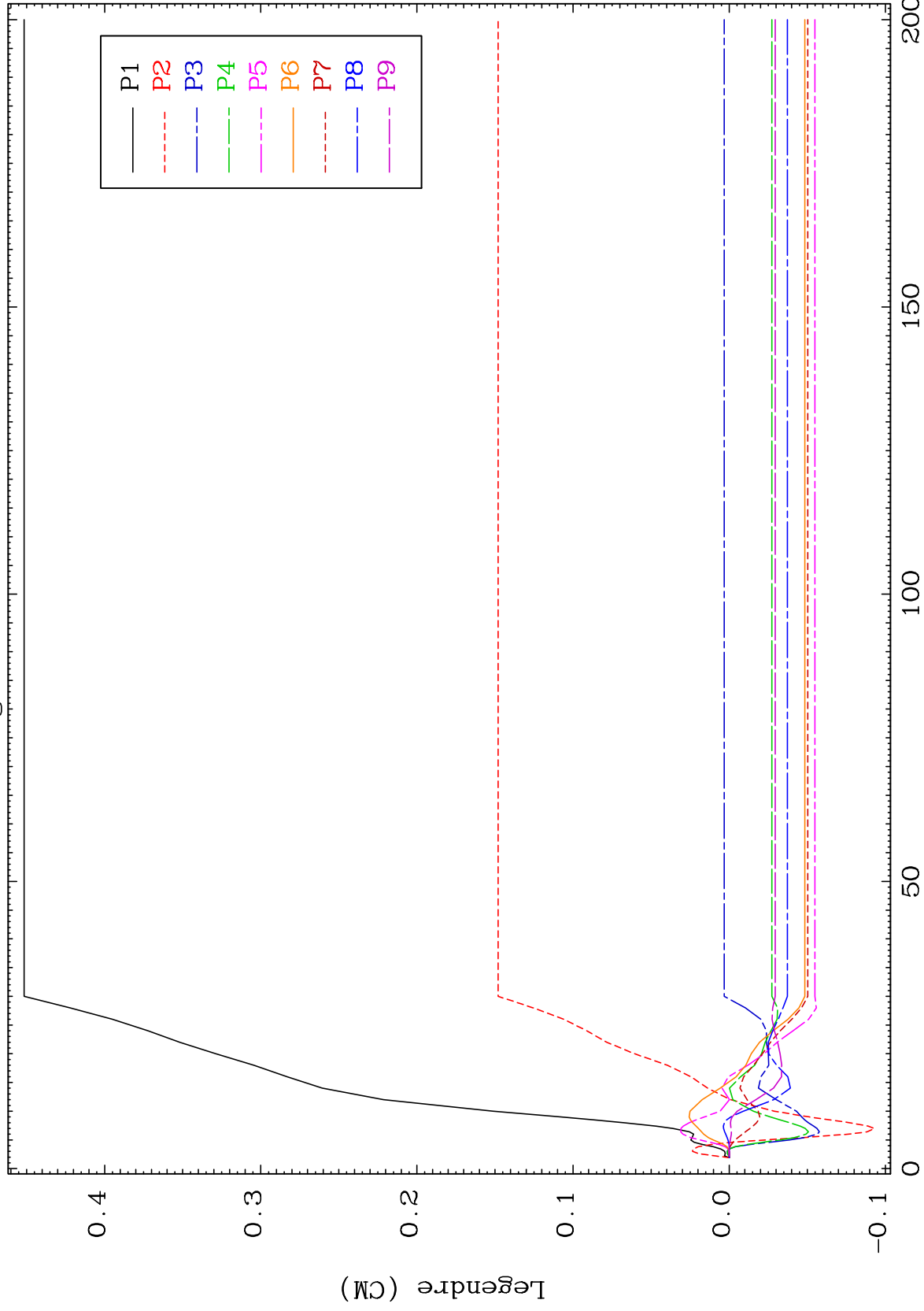
62-Sm-143



MAT 6222

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

62-Sm-143



62-Sm-143

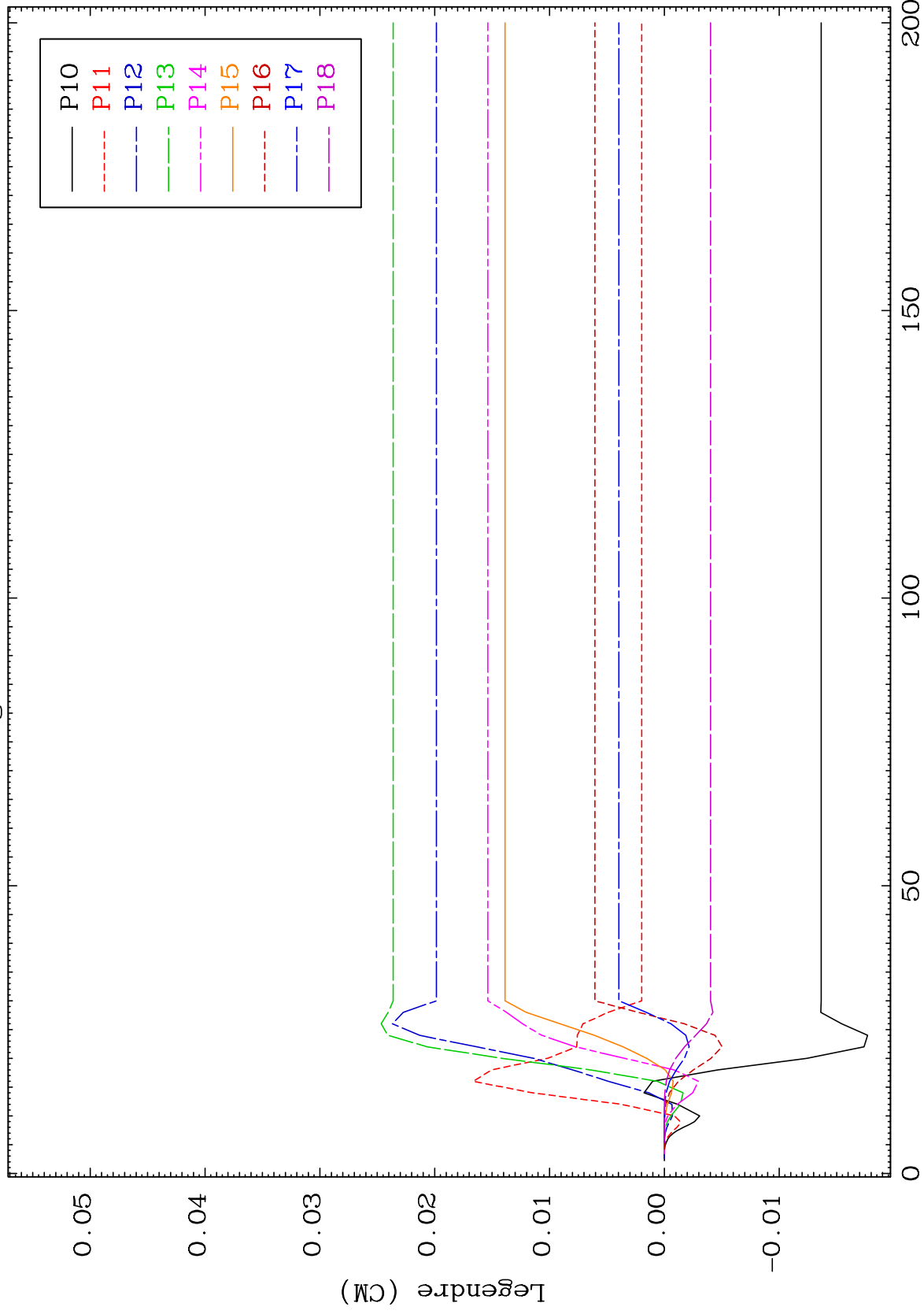
Incident Energy (MeV)

64

MAT 6222

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

62-Sm-143



65

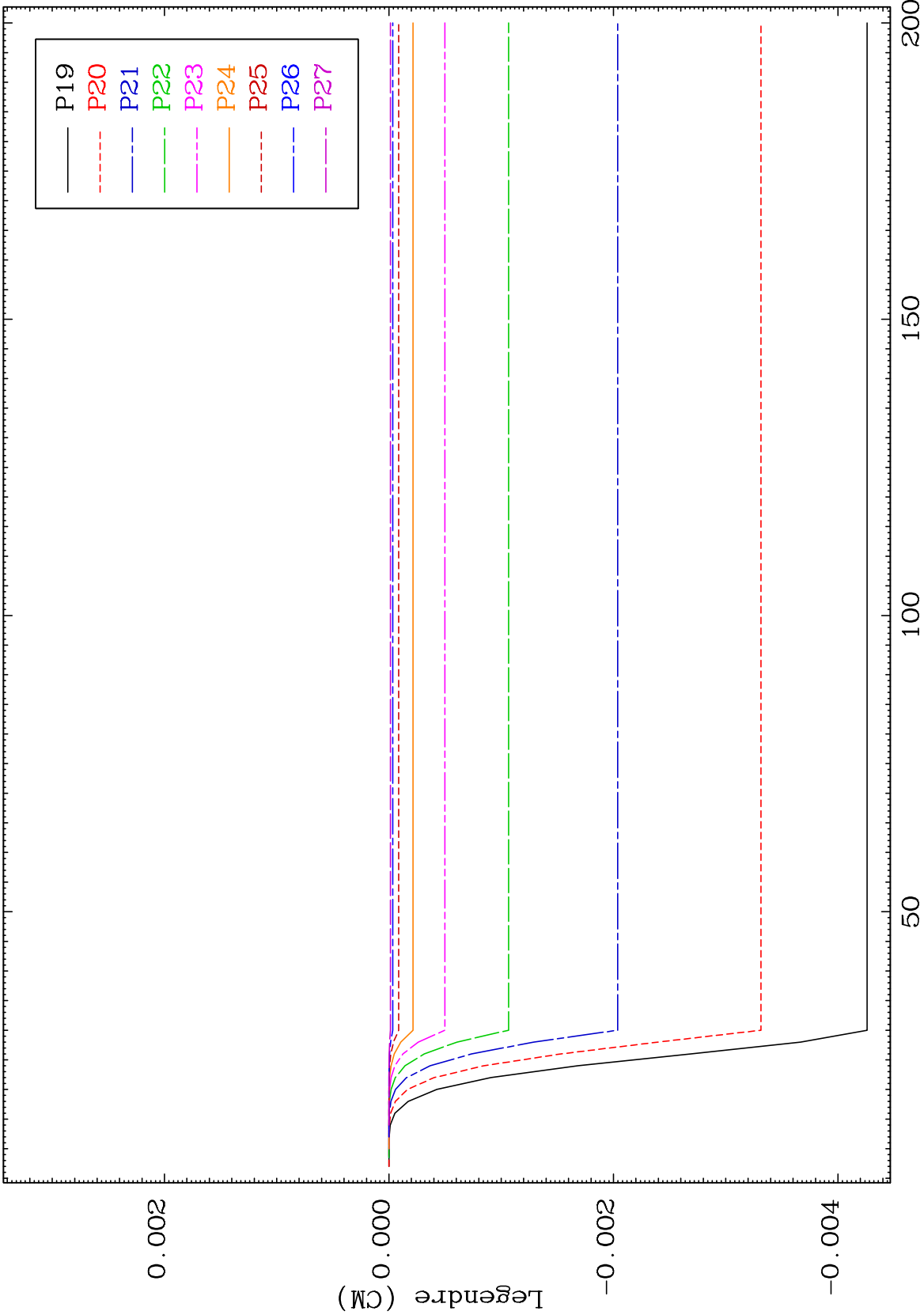
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

62-Sm-143



66

Incident Energy (MeV)

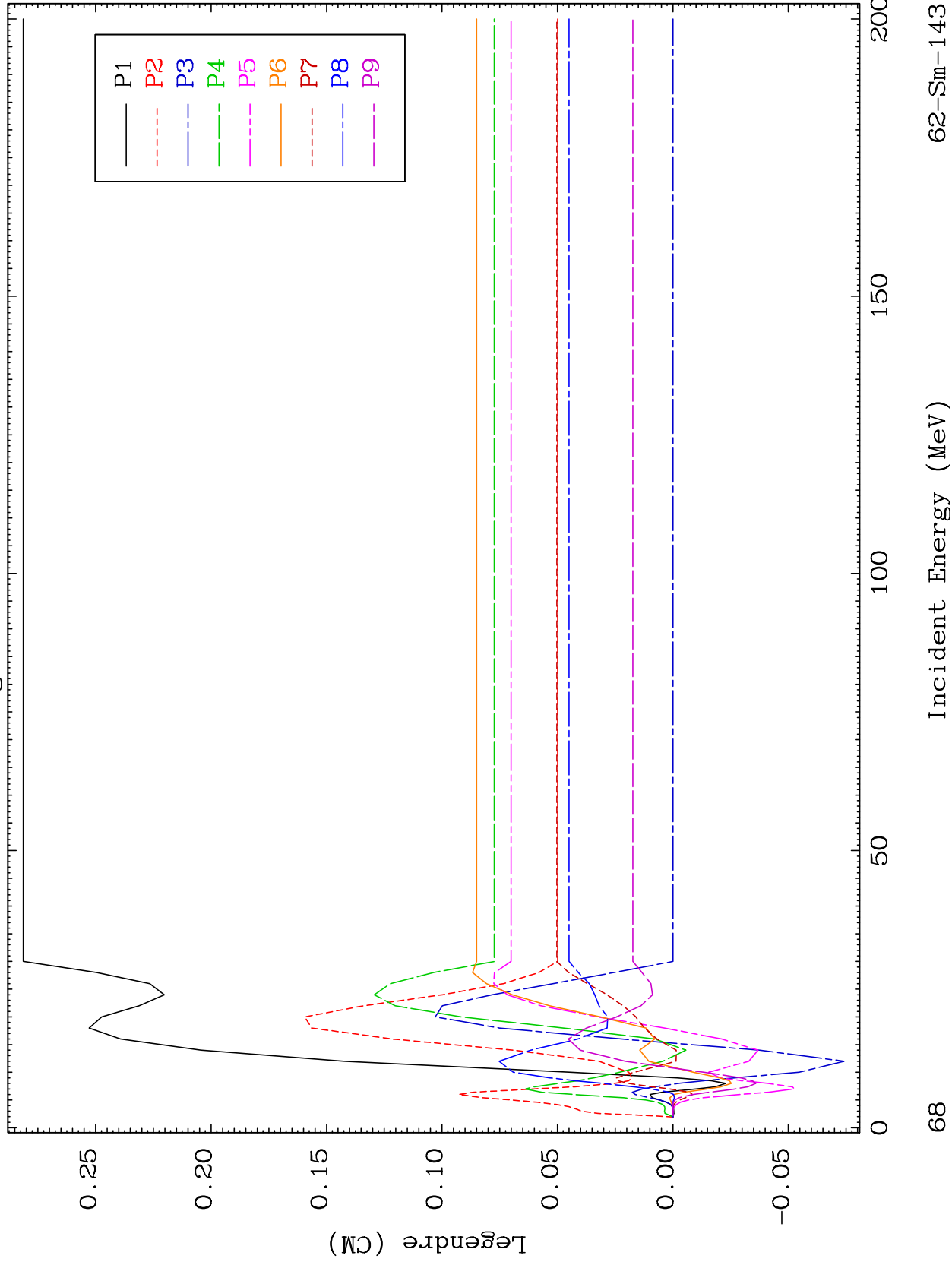
62-Sm-143



MAT 6222

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

62-Sm-143



62-Sm-143

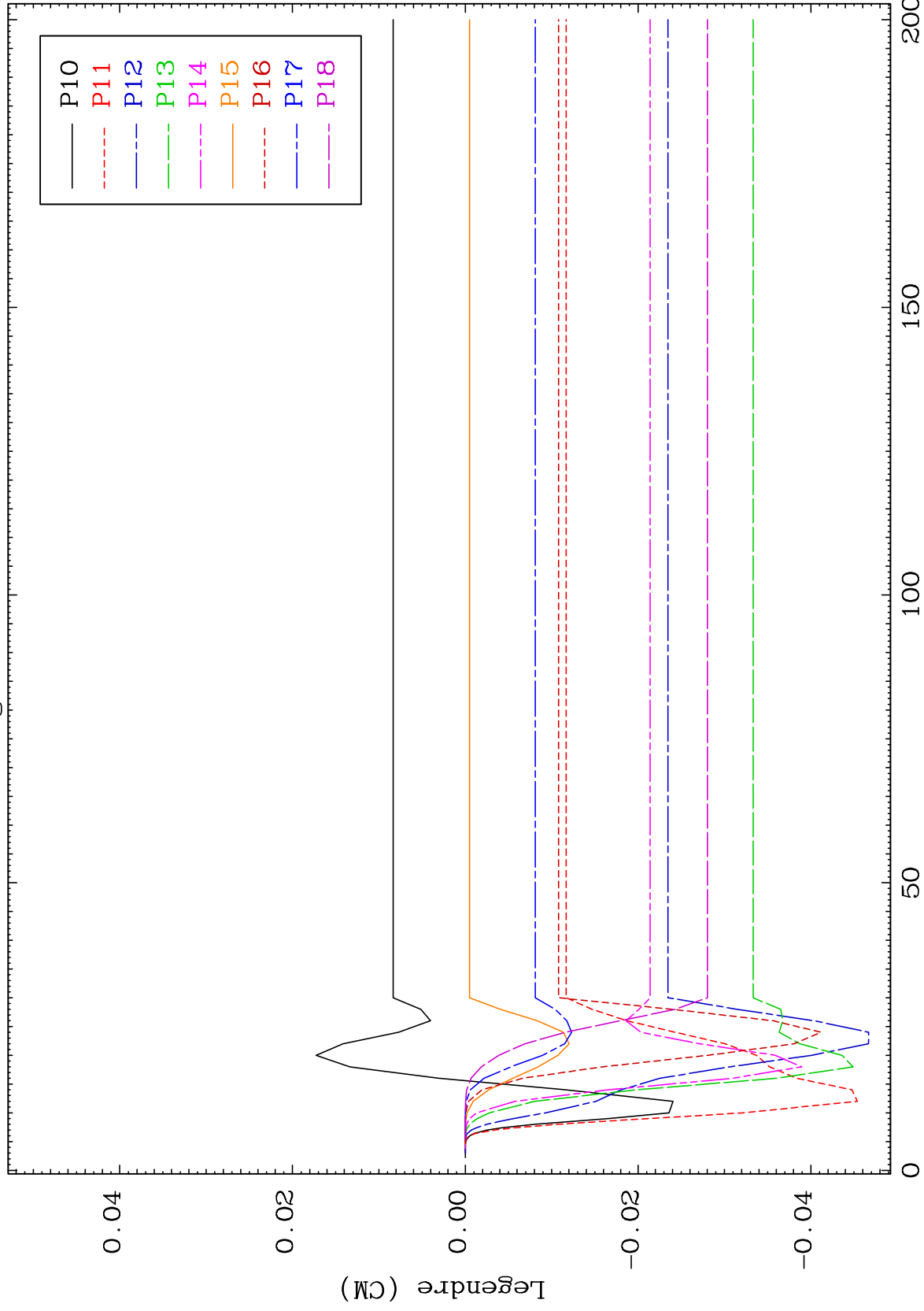
Incident Energy (MeV)

68

MAT 6222

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

62-Sm-143

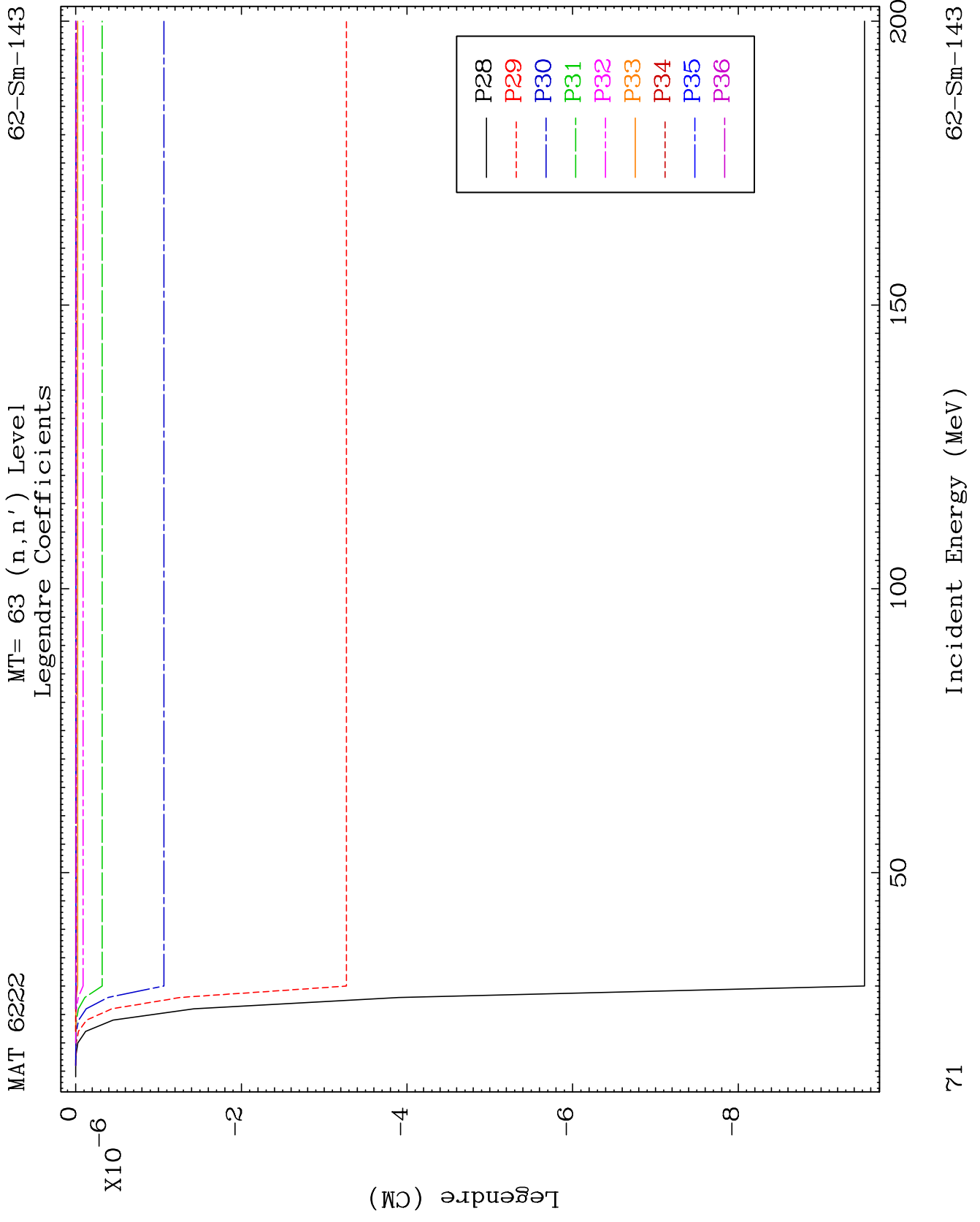


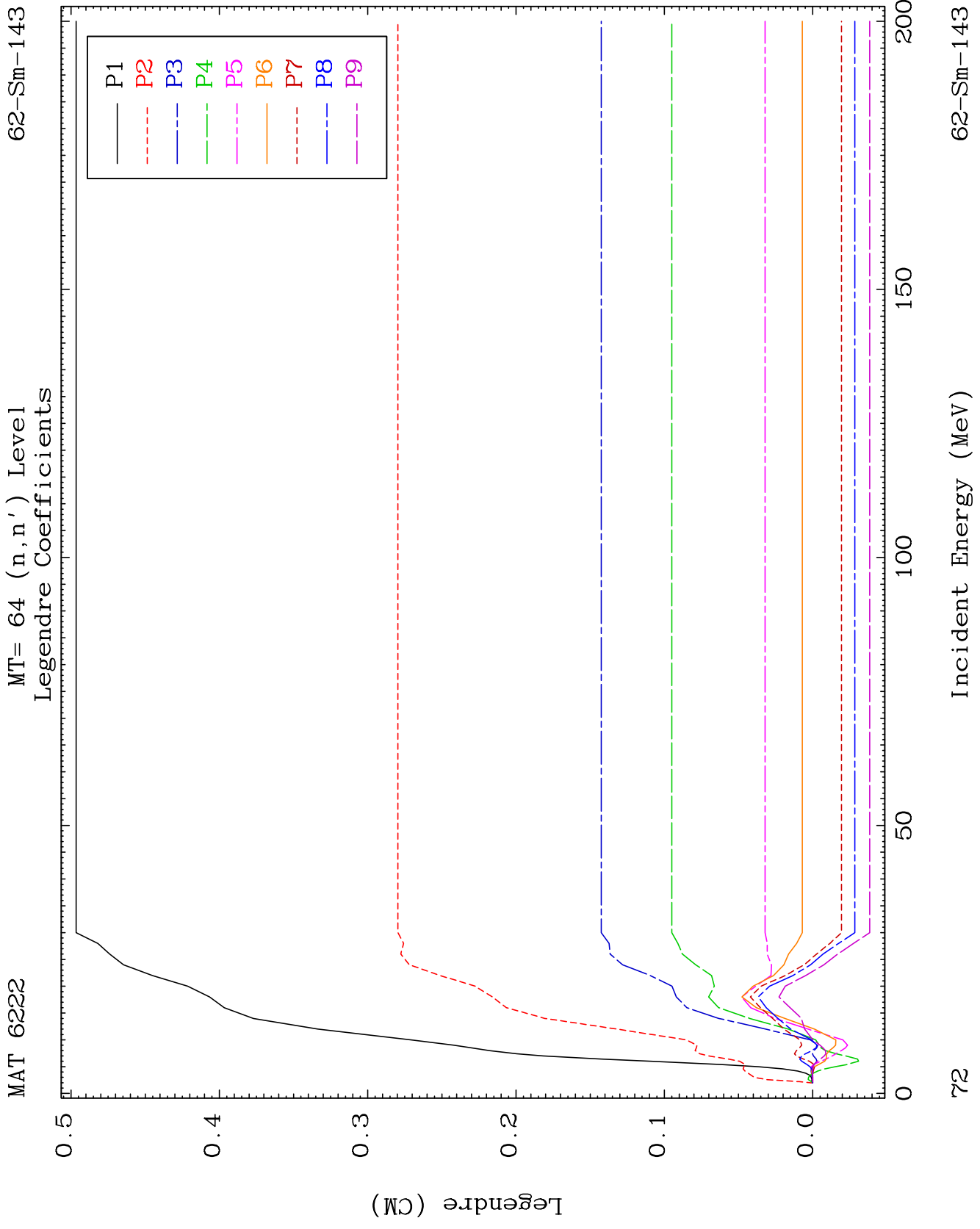
69

Incident Energy (MeV)

62-Sm-143



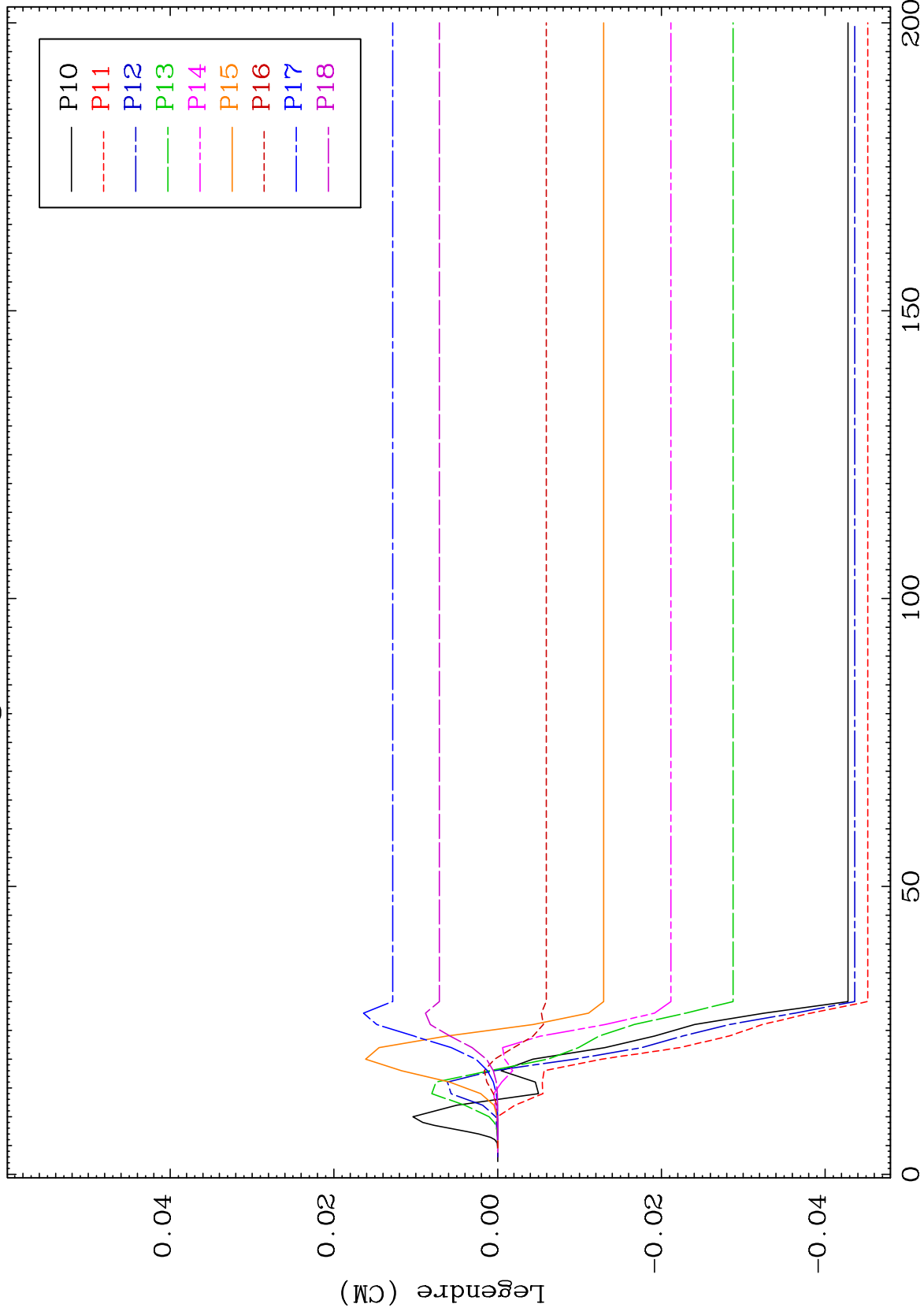




MAT 6222

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

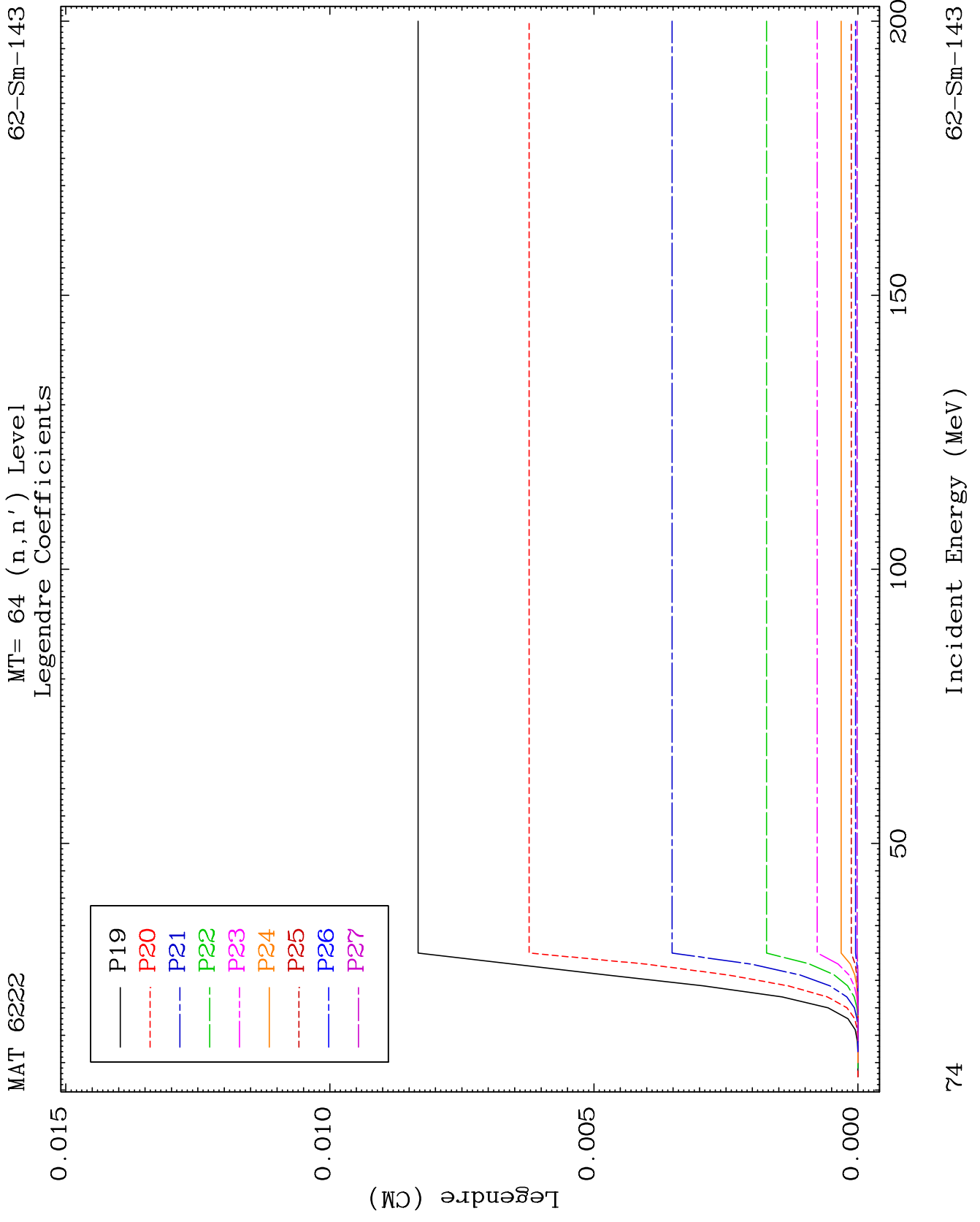
62-Sm-143



73

Incident Energy (MeV)

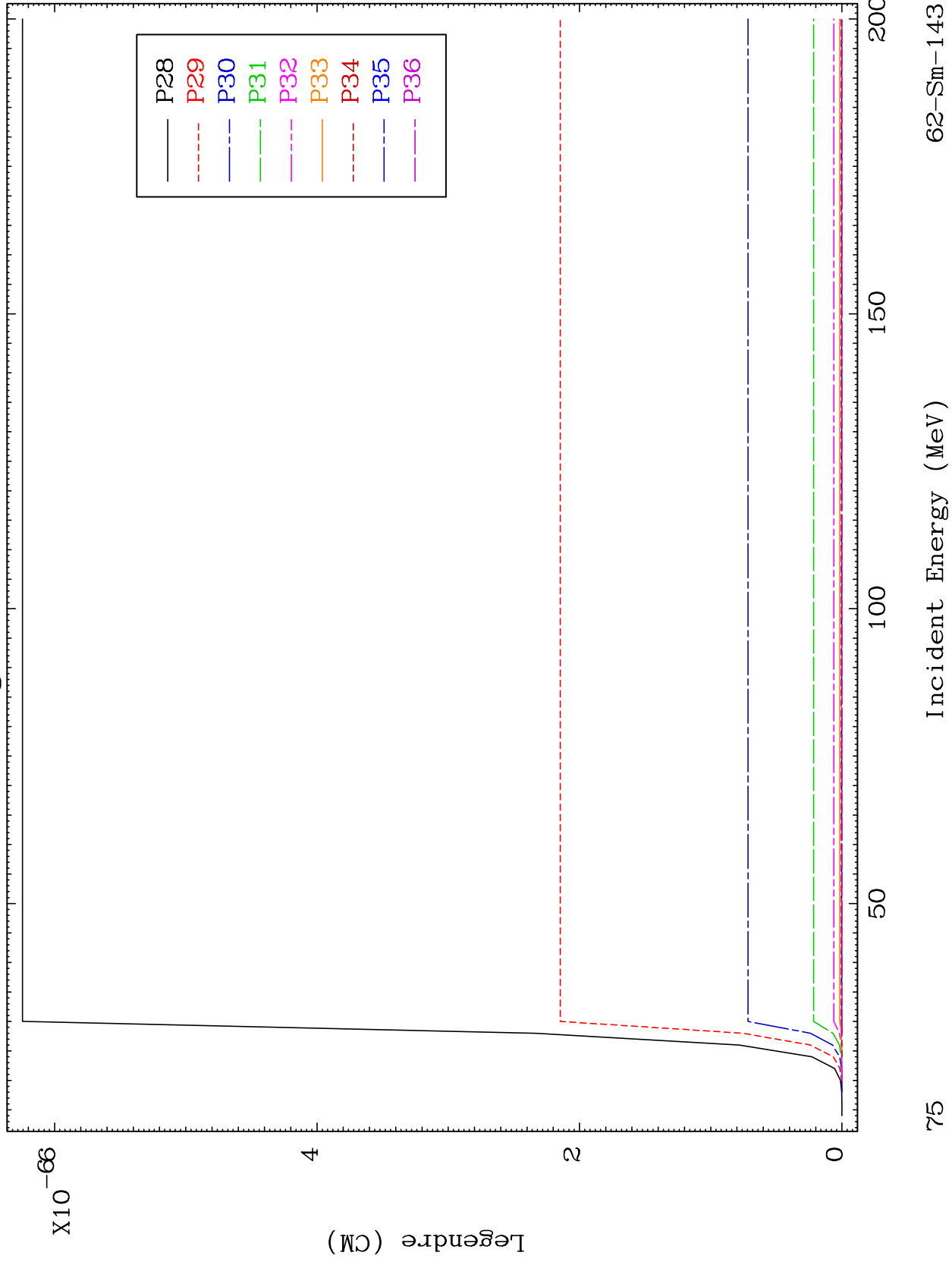
62-Sm-143



MAT 6222

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

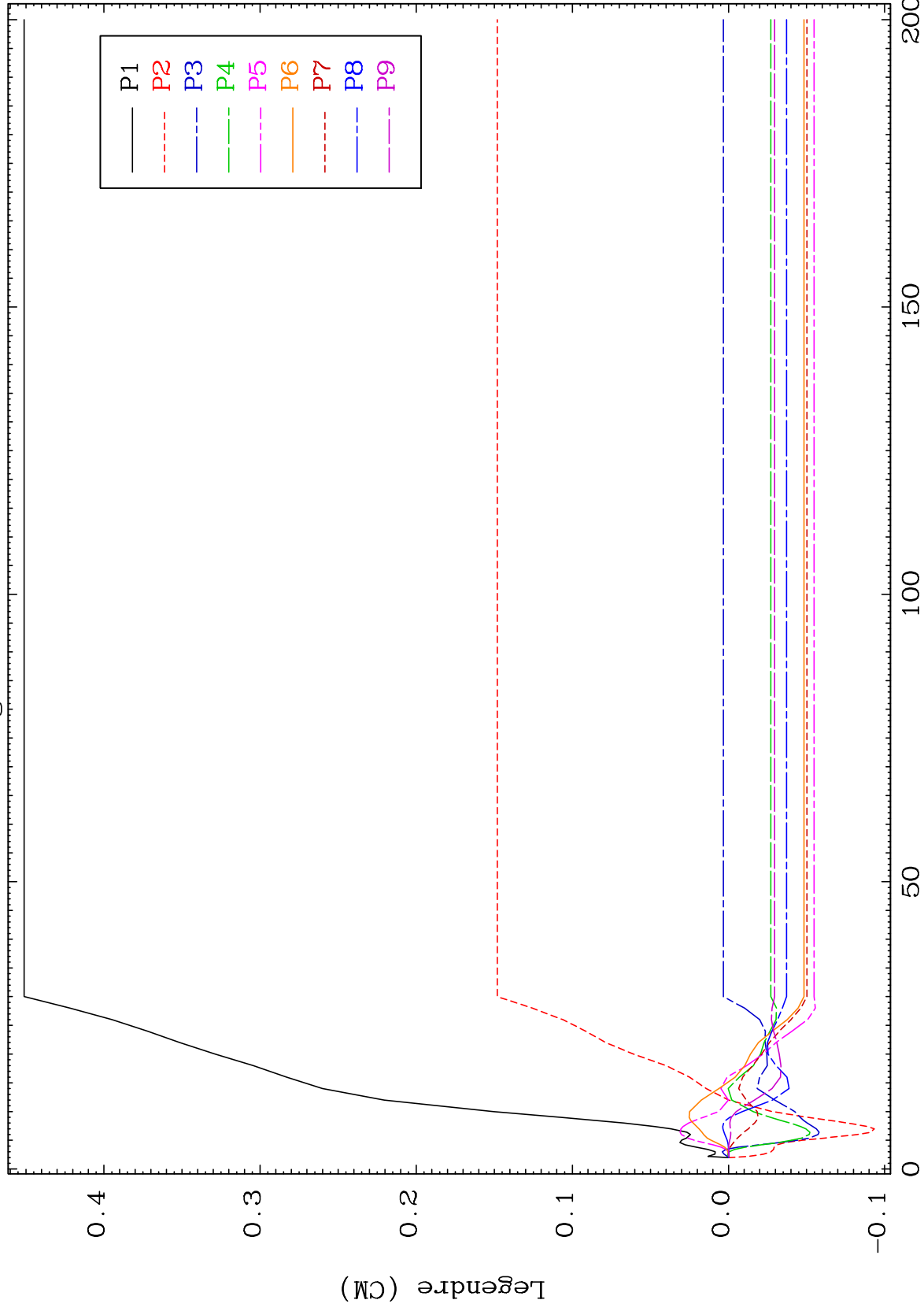
62-Sm-143



MAT 62222

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

62-Sm-143



76

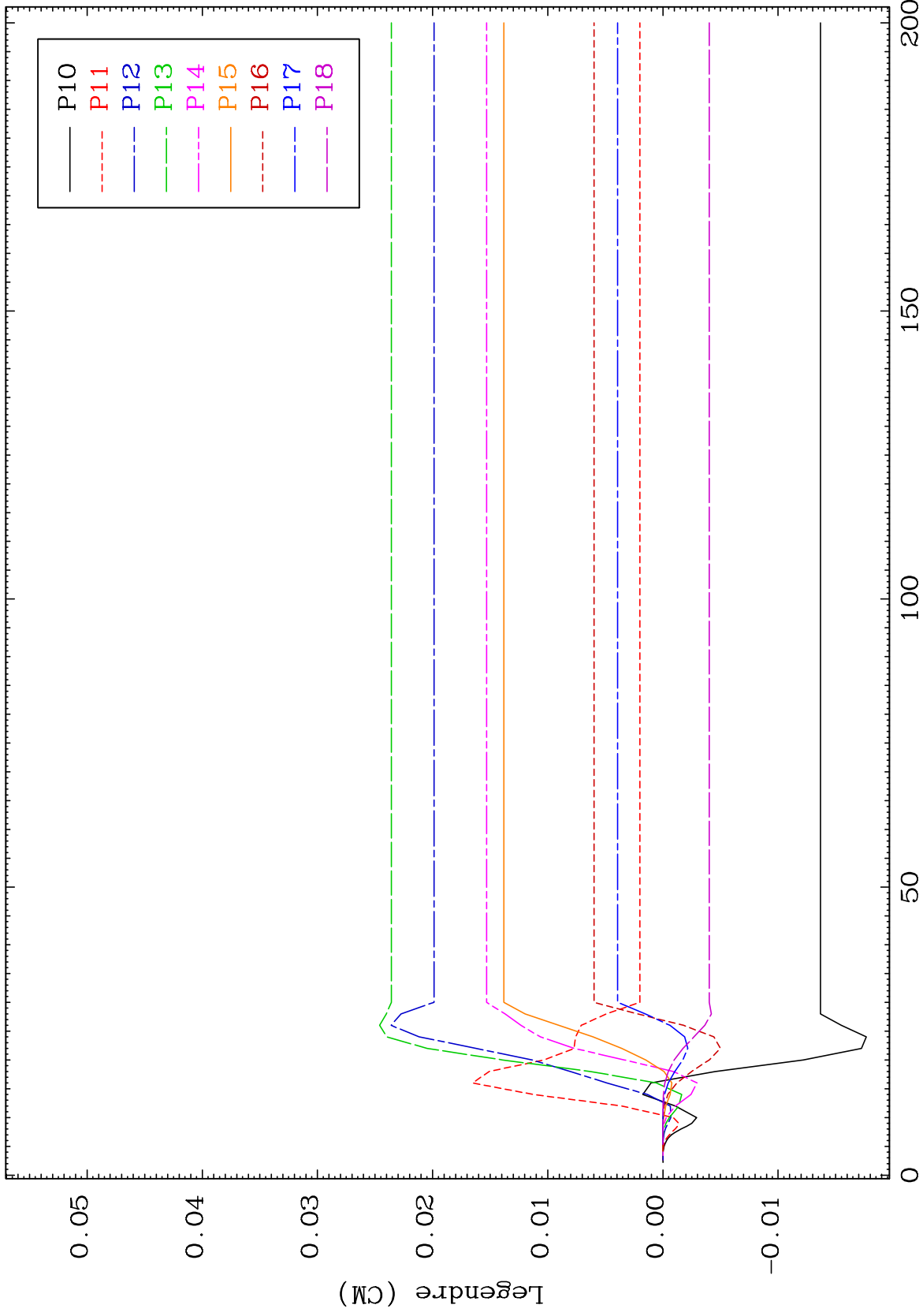
Incident Energy (MeV)

62-Sm-143

MAT 62222

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

62-Sm-143



77

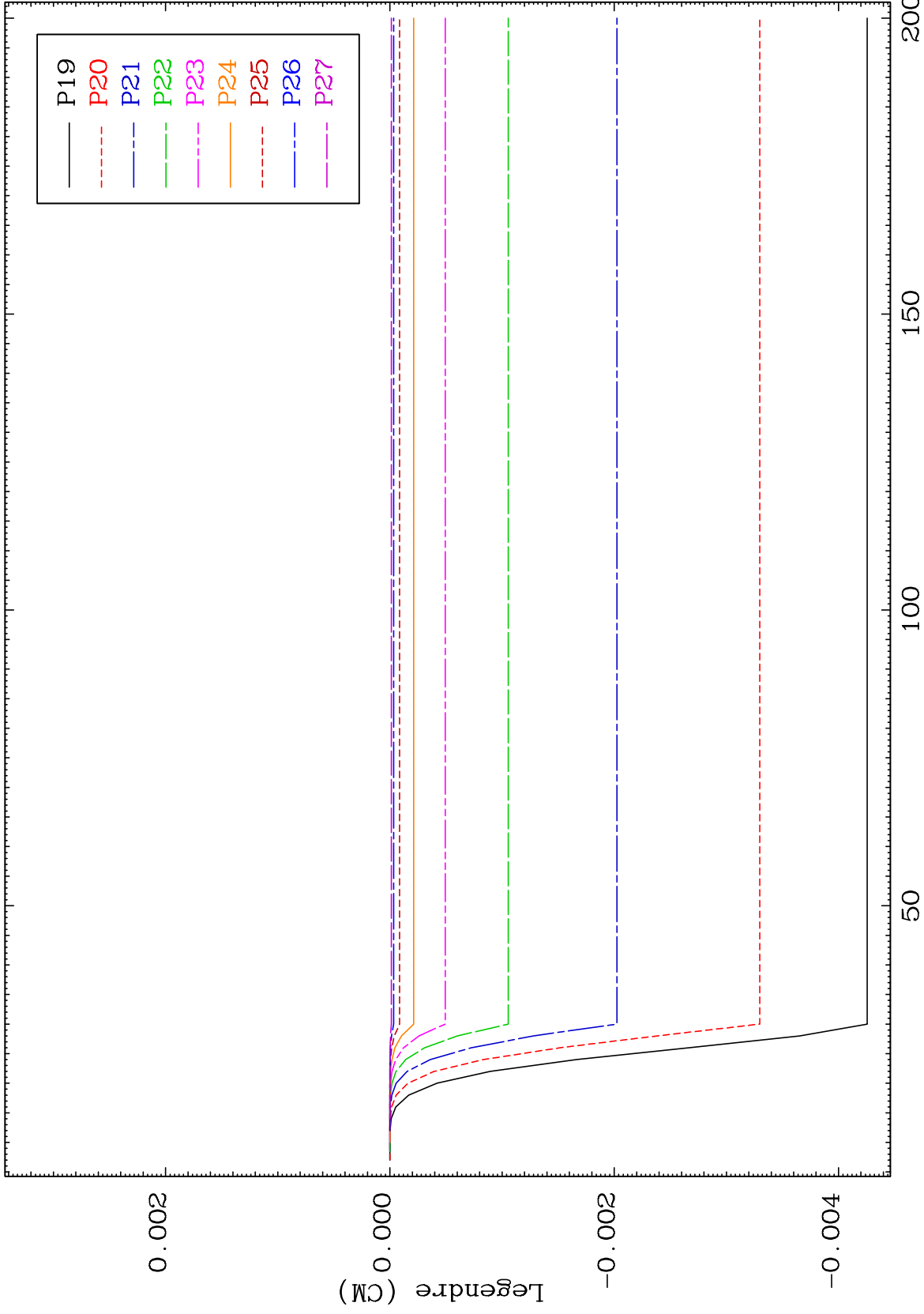
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

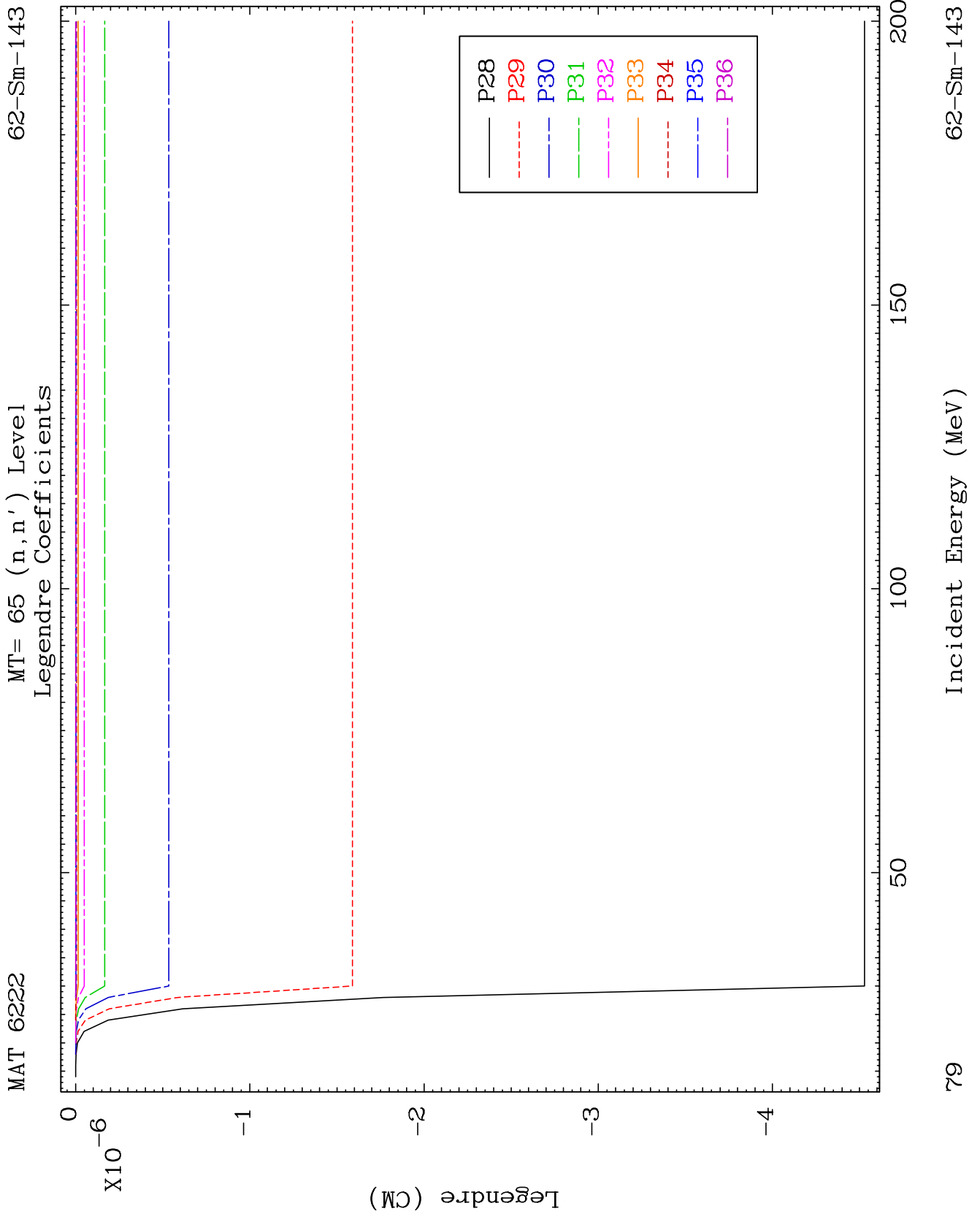
62-Sm-143



78

Incident Energy (MeV)

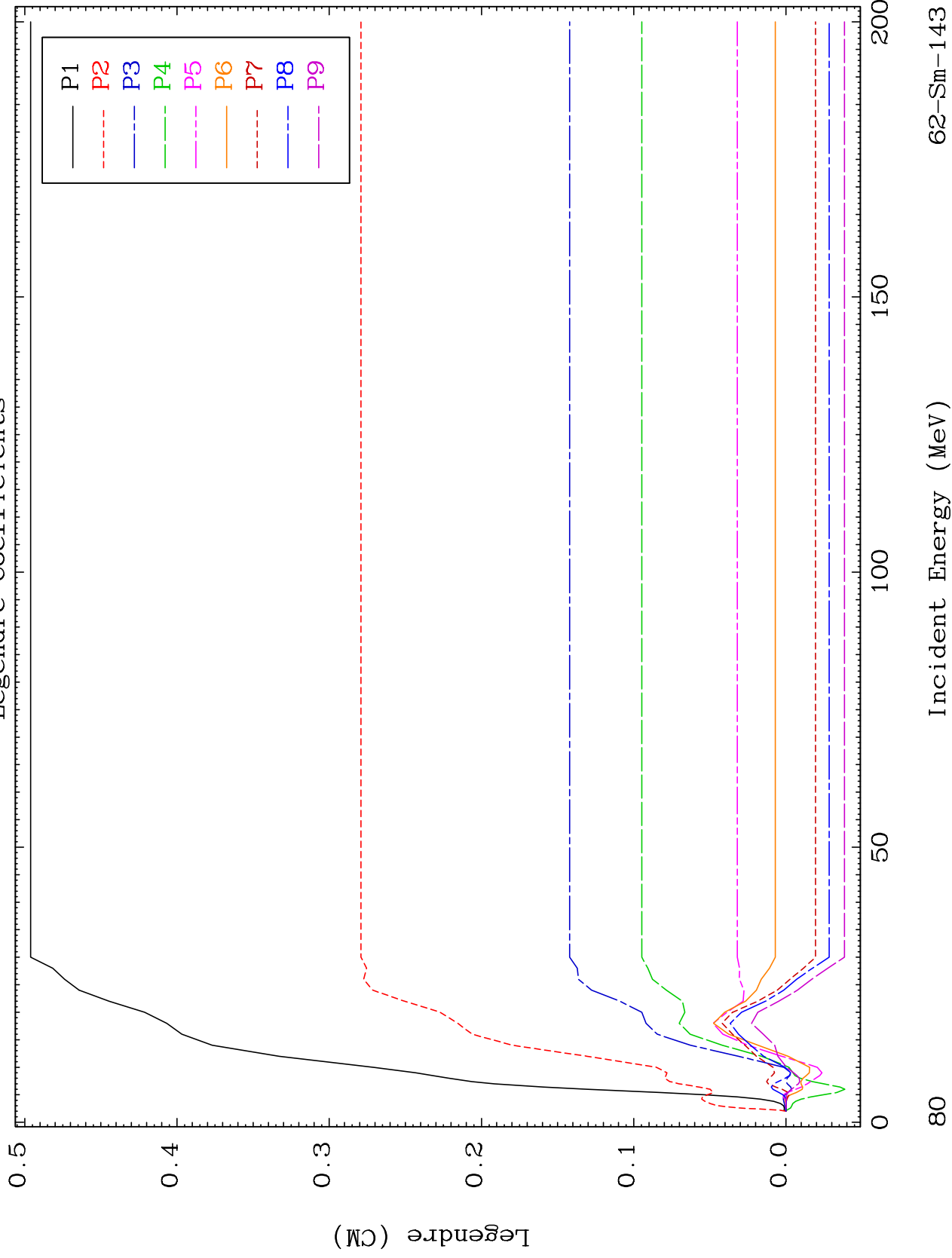
62-Sm-143

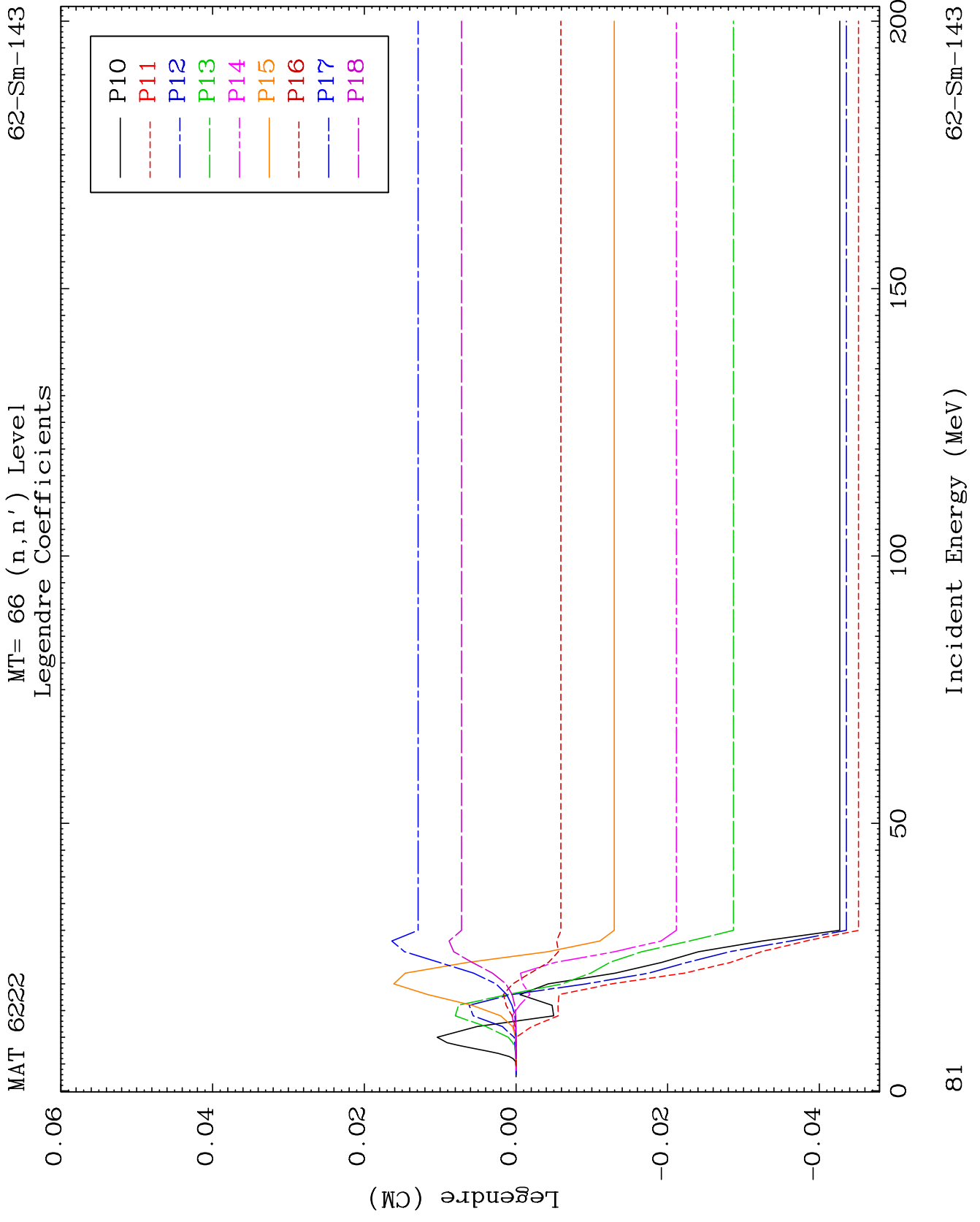


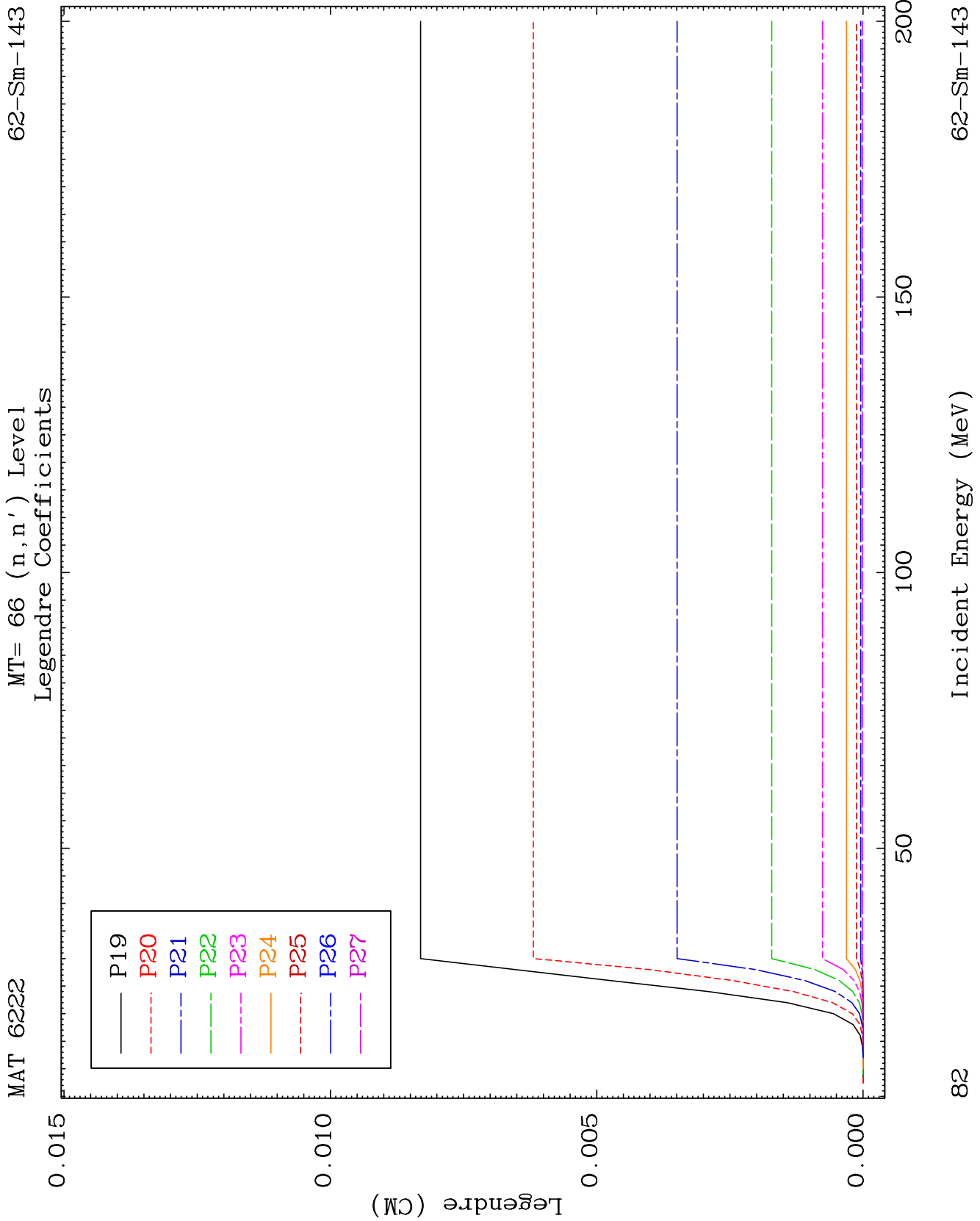
MAT 62222

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

62-Sm-143



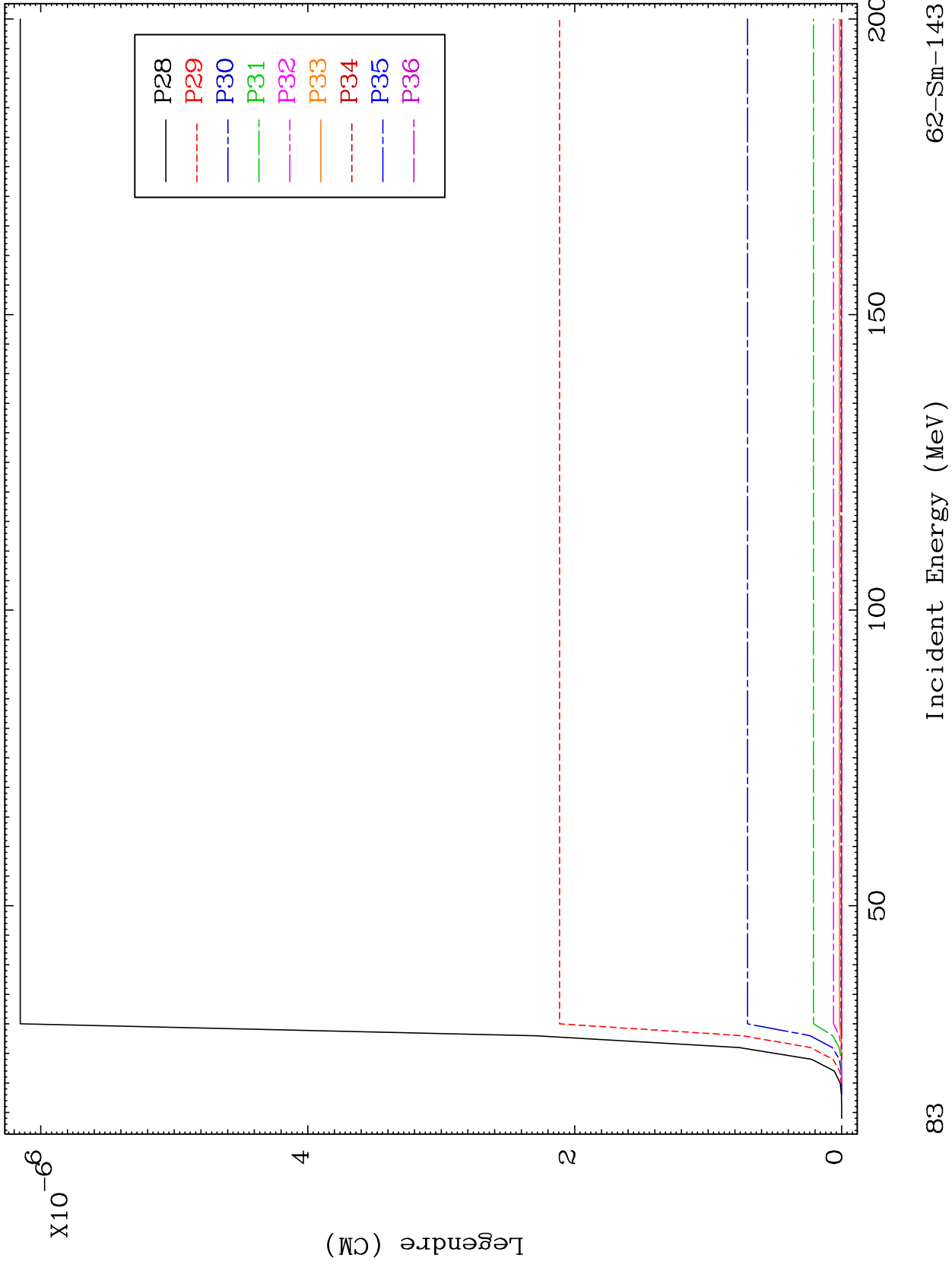




MAT 6222

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

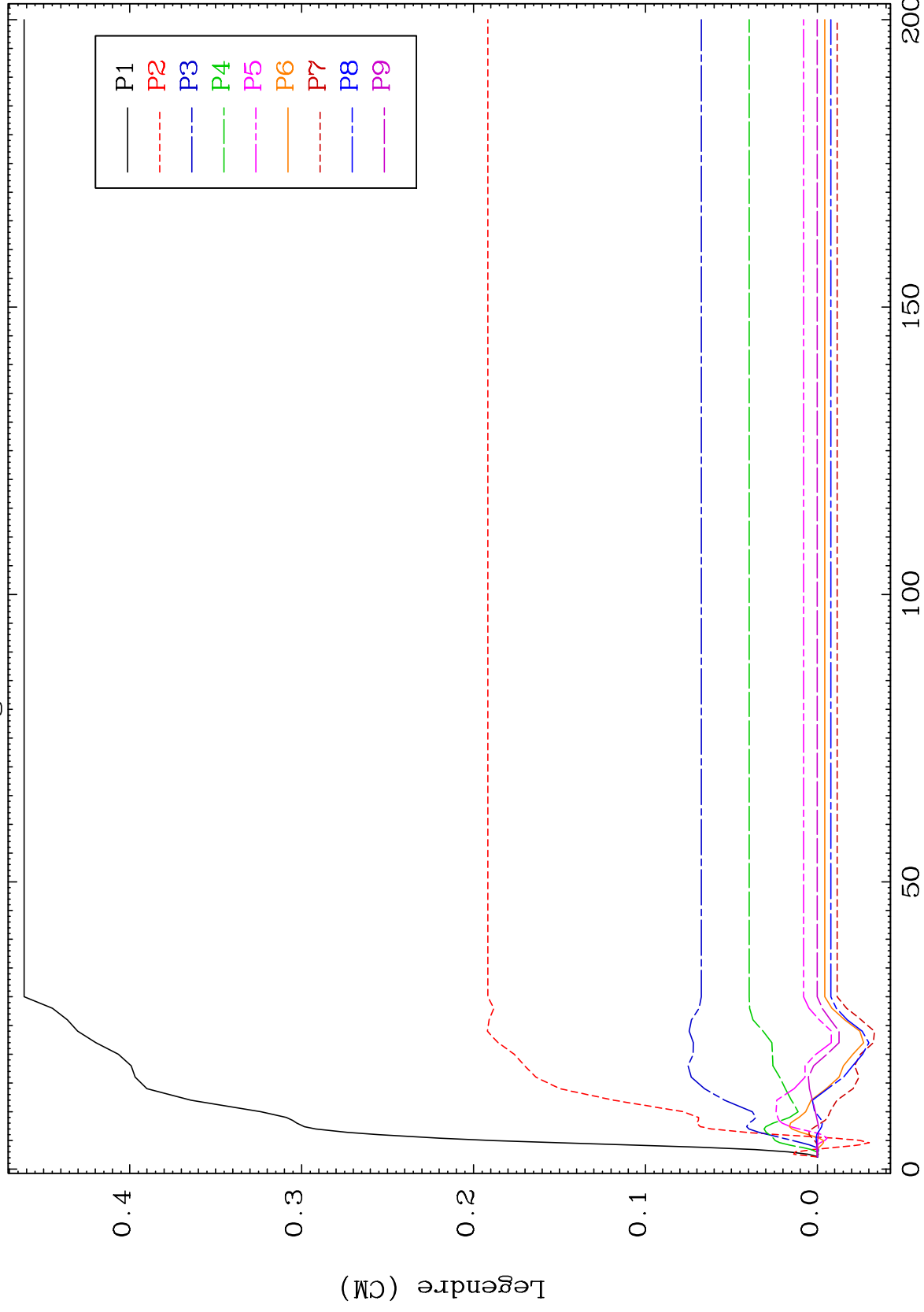
62-Sm-143



MAT 6222

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

62-Sm-143



84

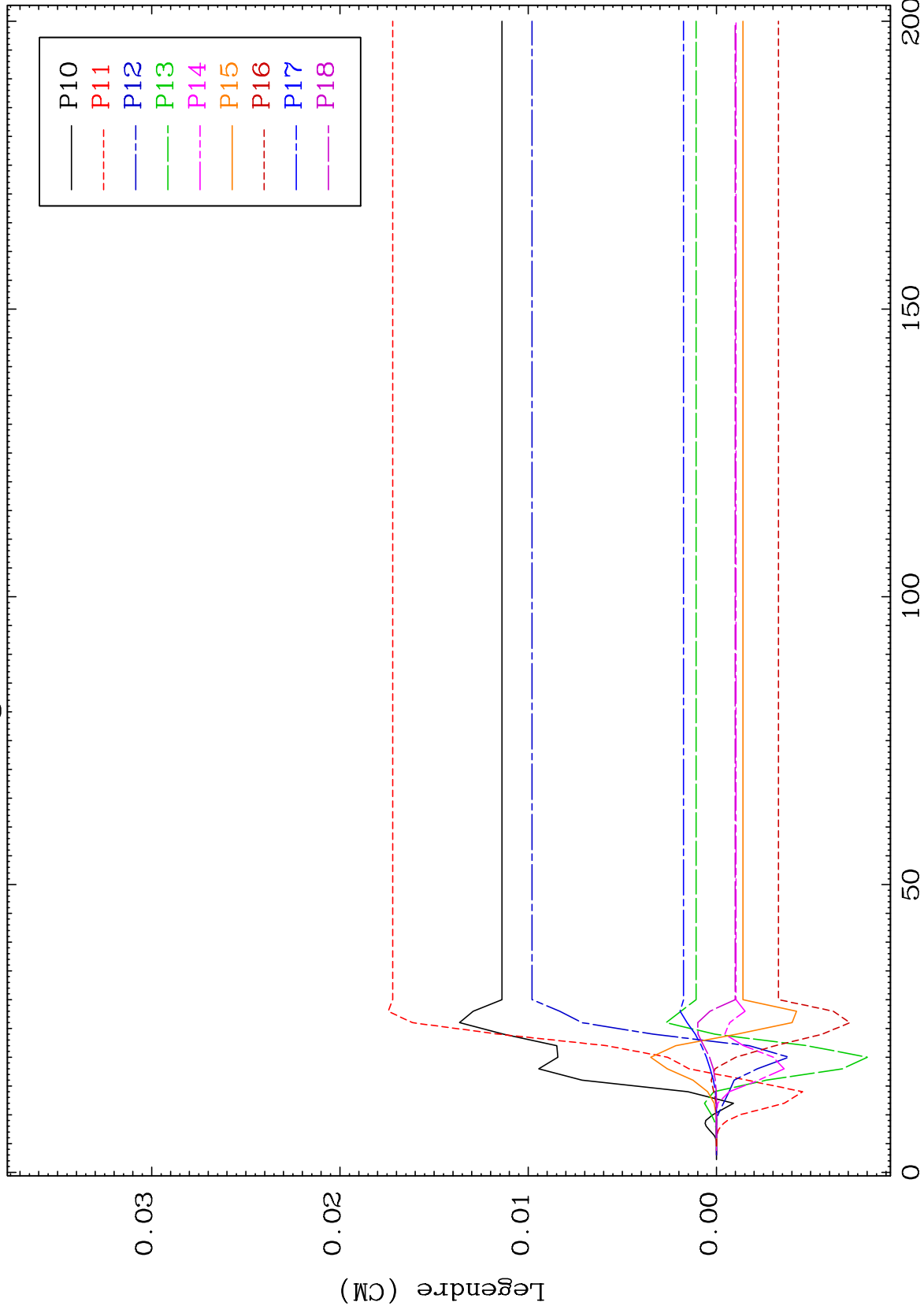
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

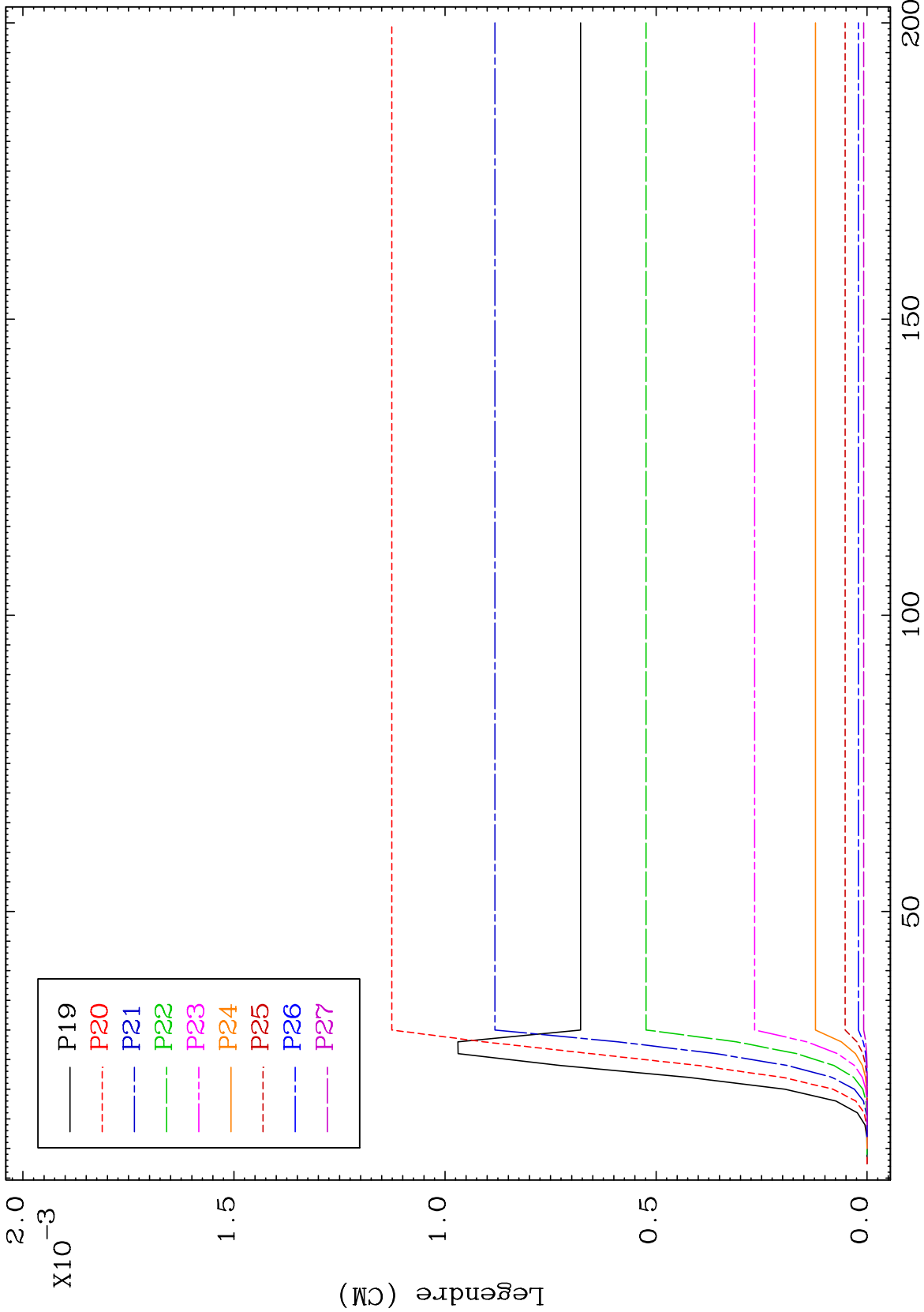
62-Sm-143



85

Incident Energy (MeV)

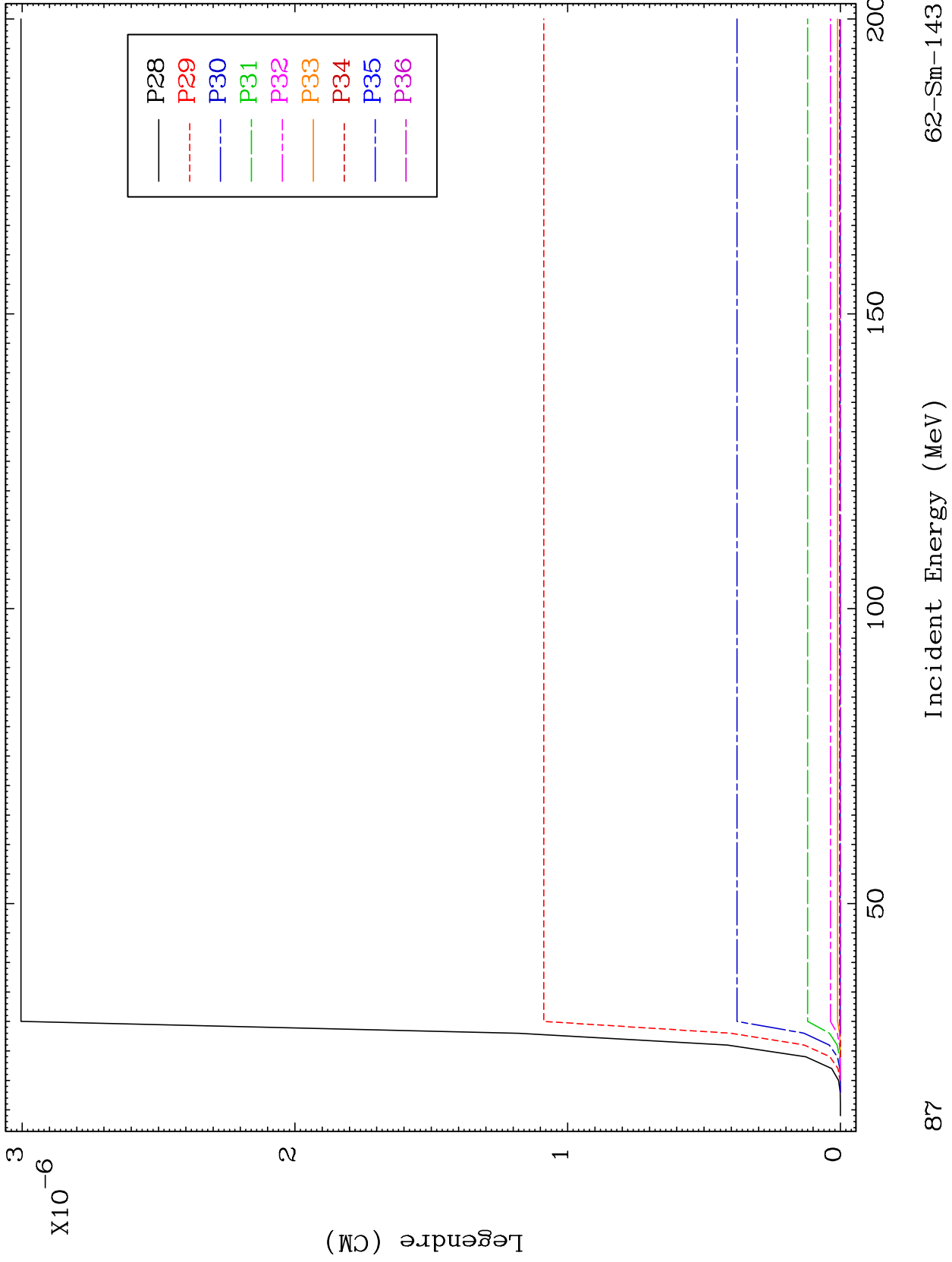
62-Sm-143



MAT 6222

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

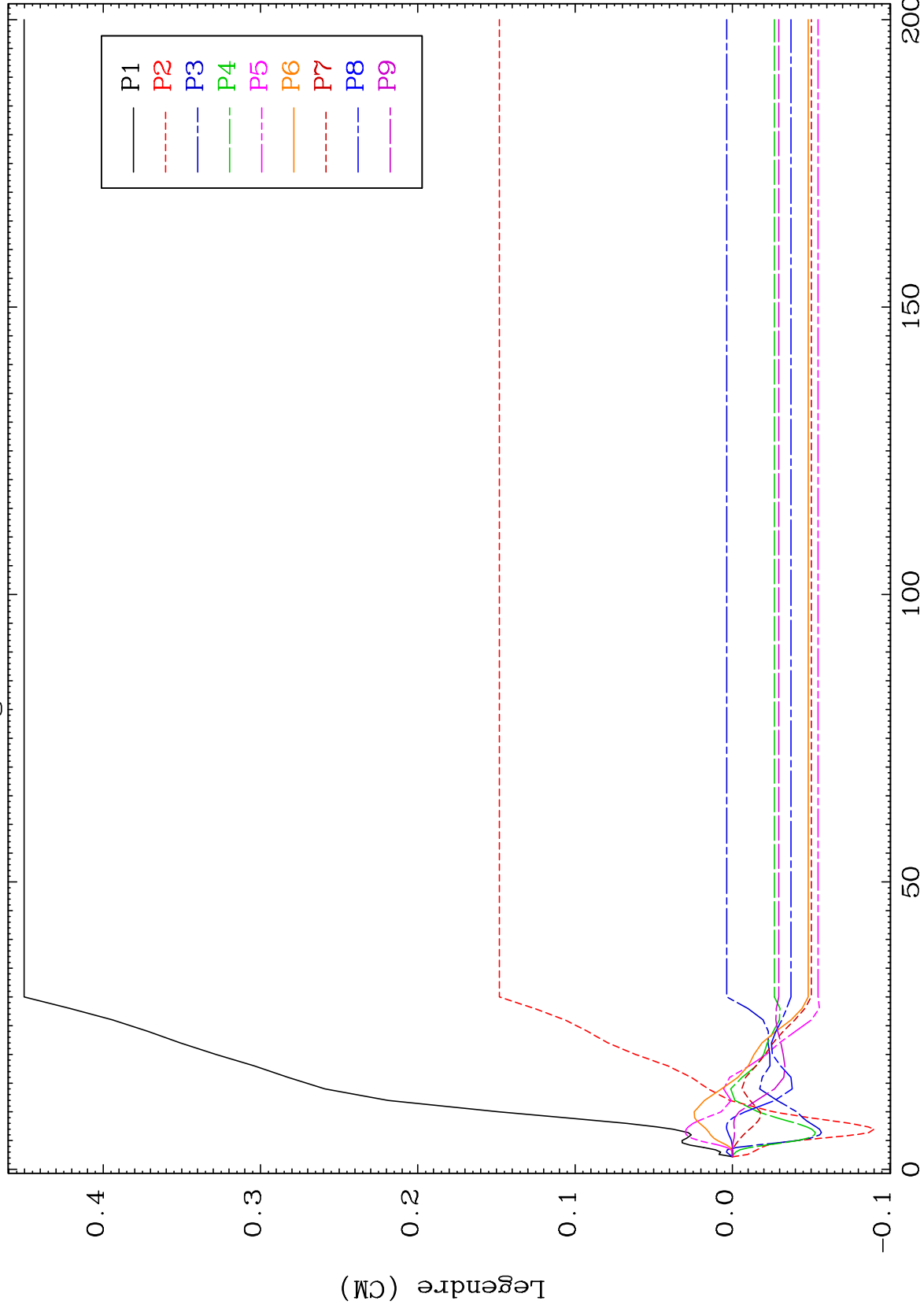
62-Sm-143



MAT 6222

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

62-Sm-143



62-Sm-143

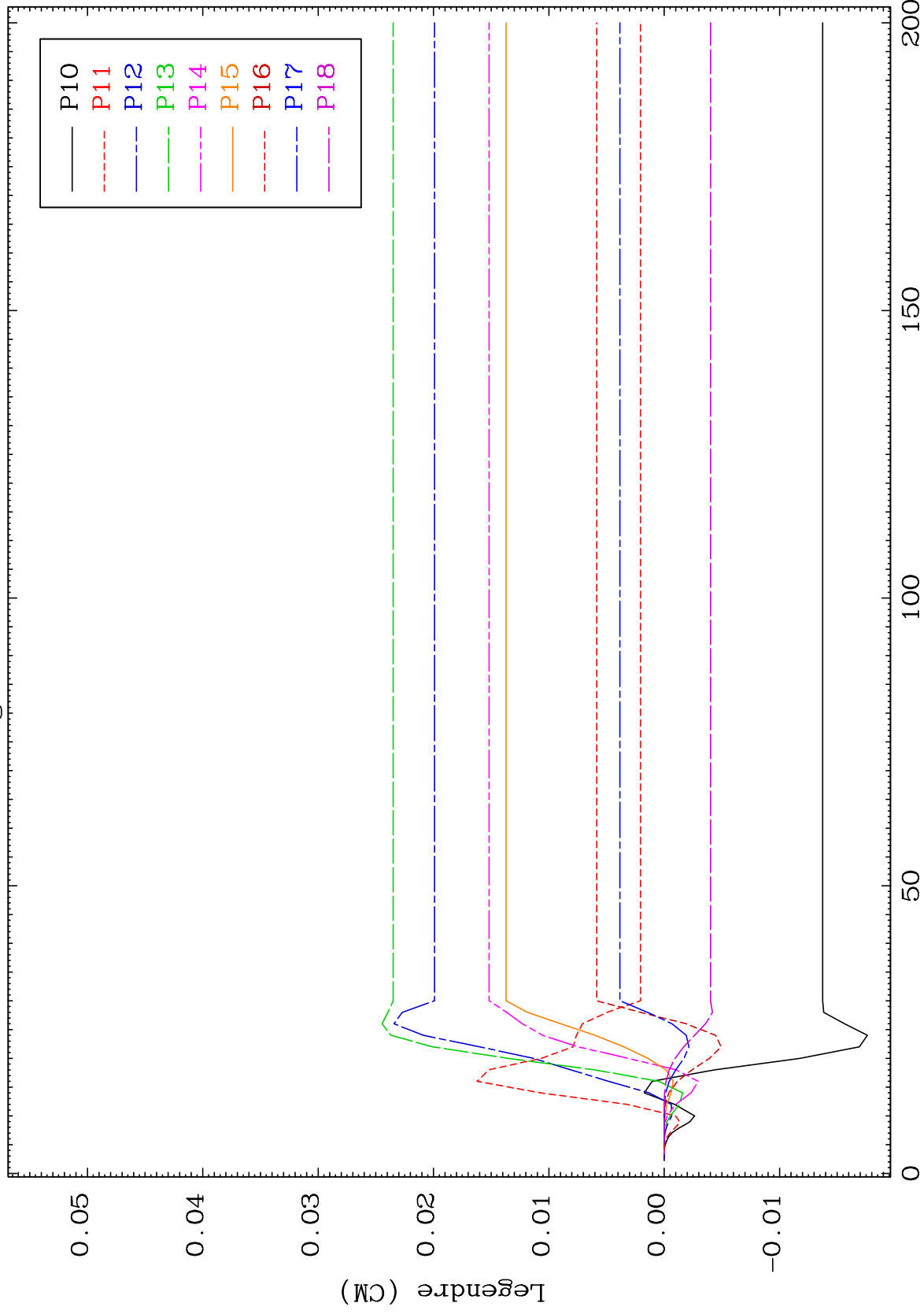
Incident Energy (MeV)

88

MAT 6222

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

62-Sm-143



89

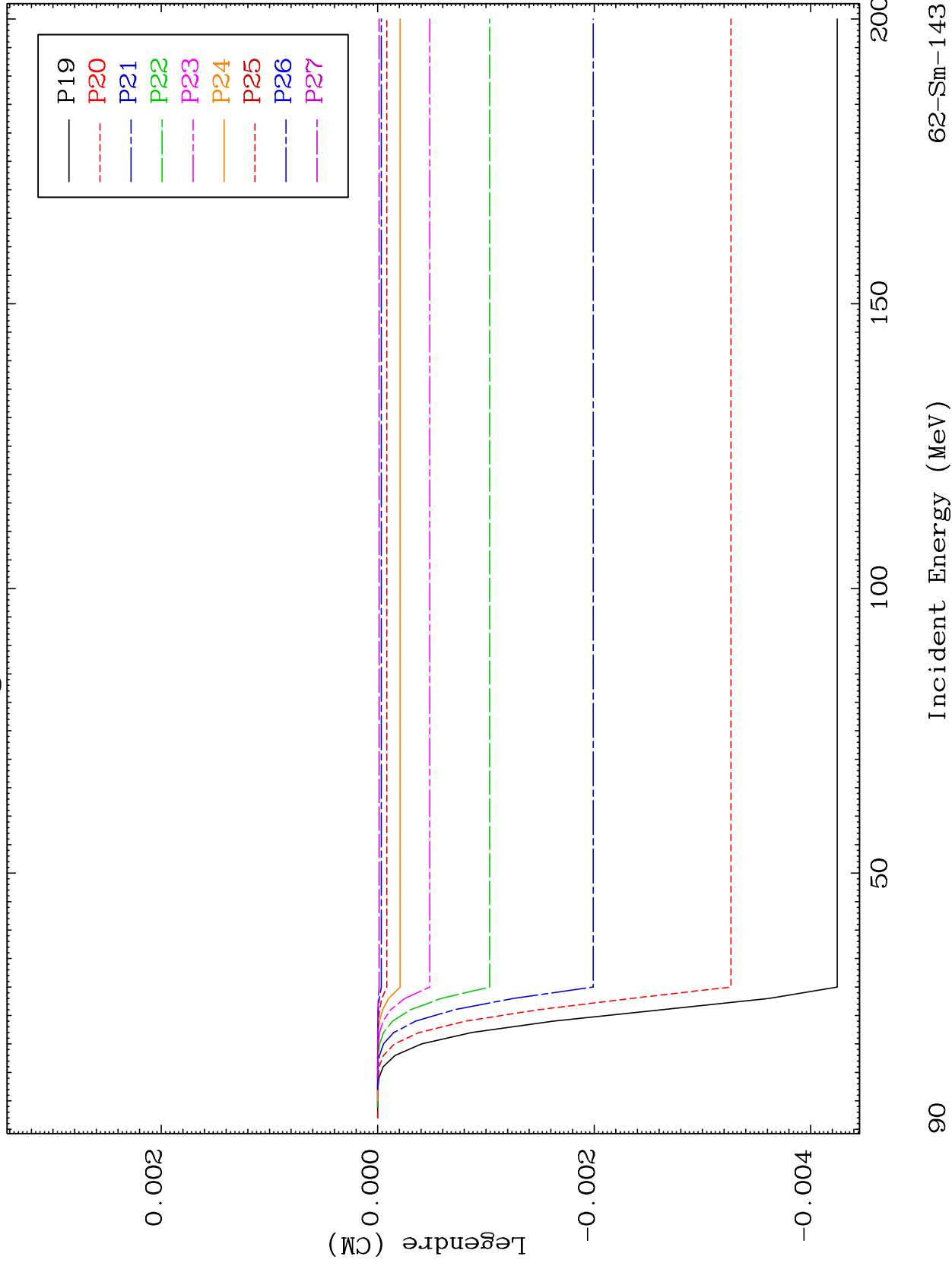
Incident Energy (MeV)

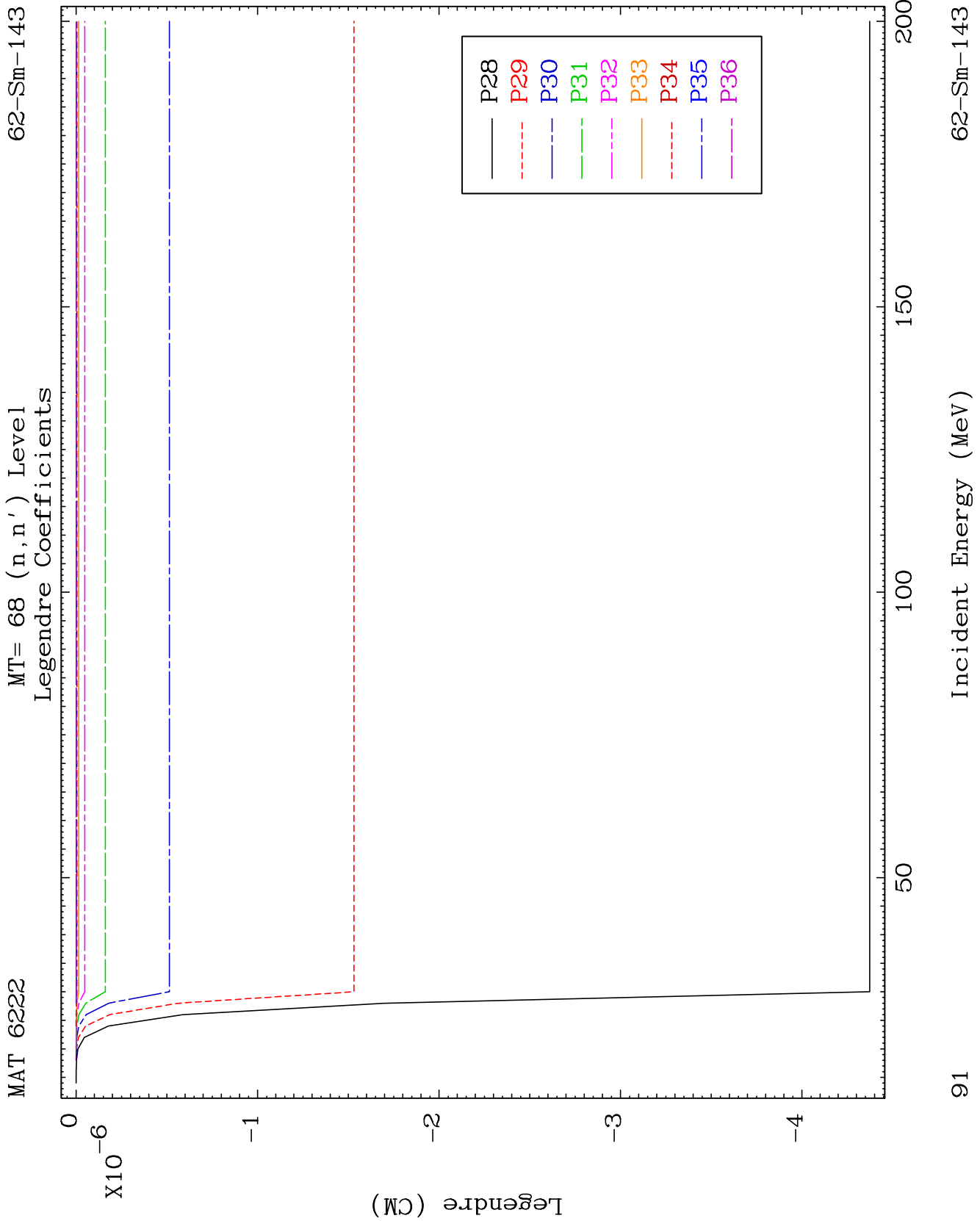
62-Sm-143

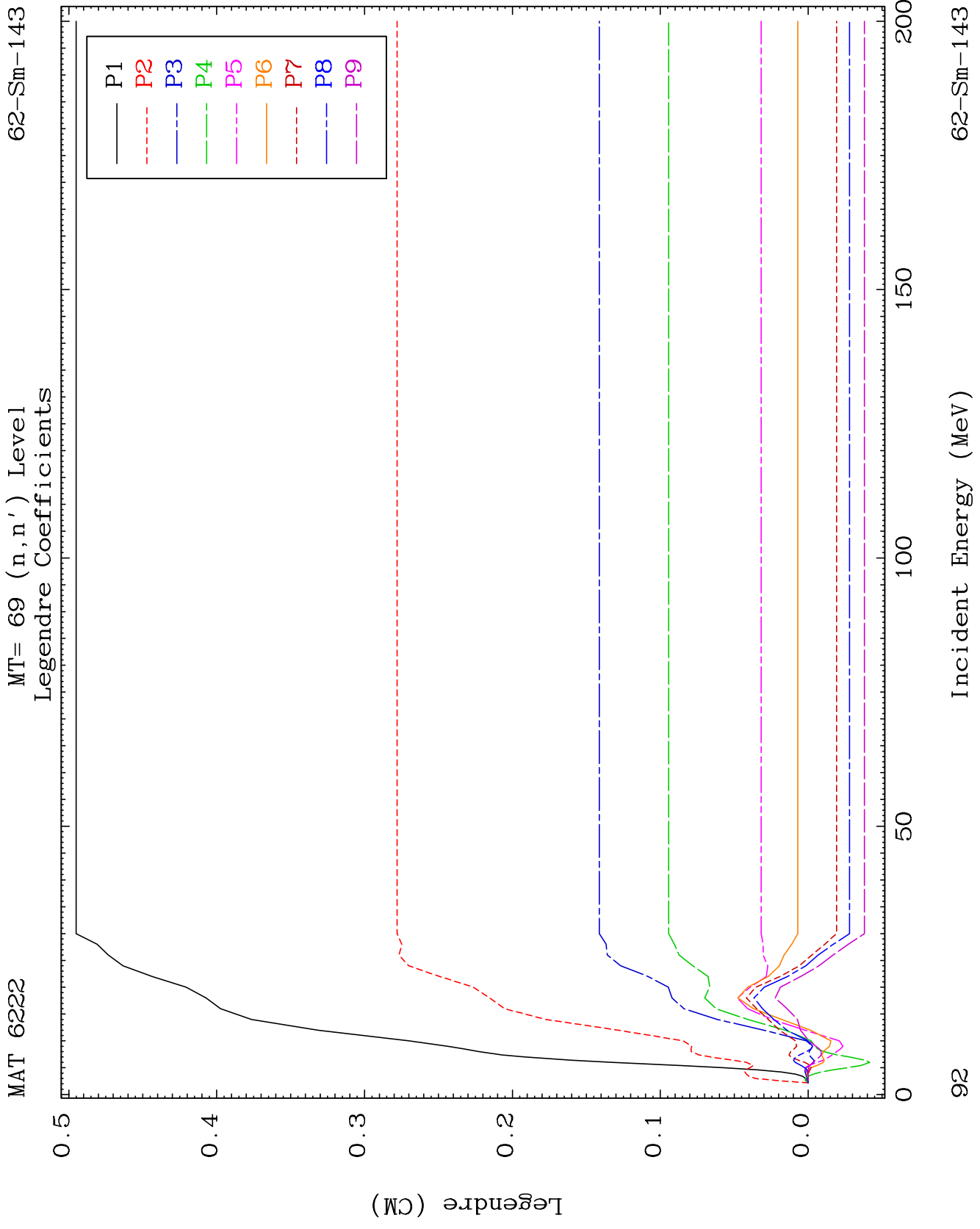
MAT 6222

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

62-Sm-143





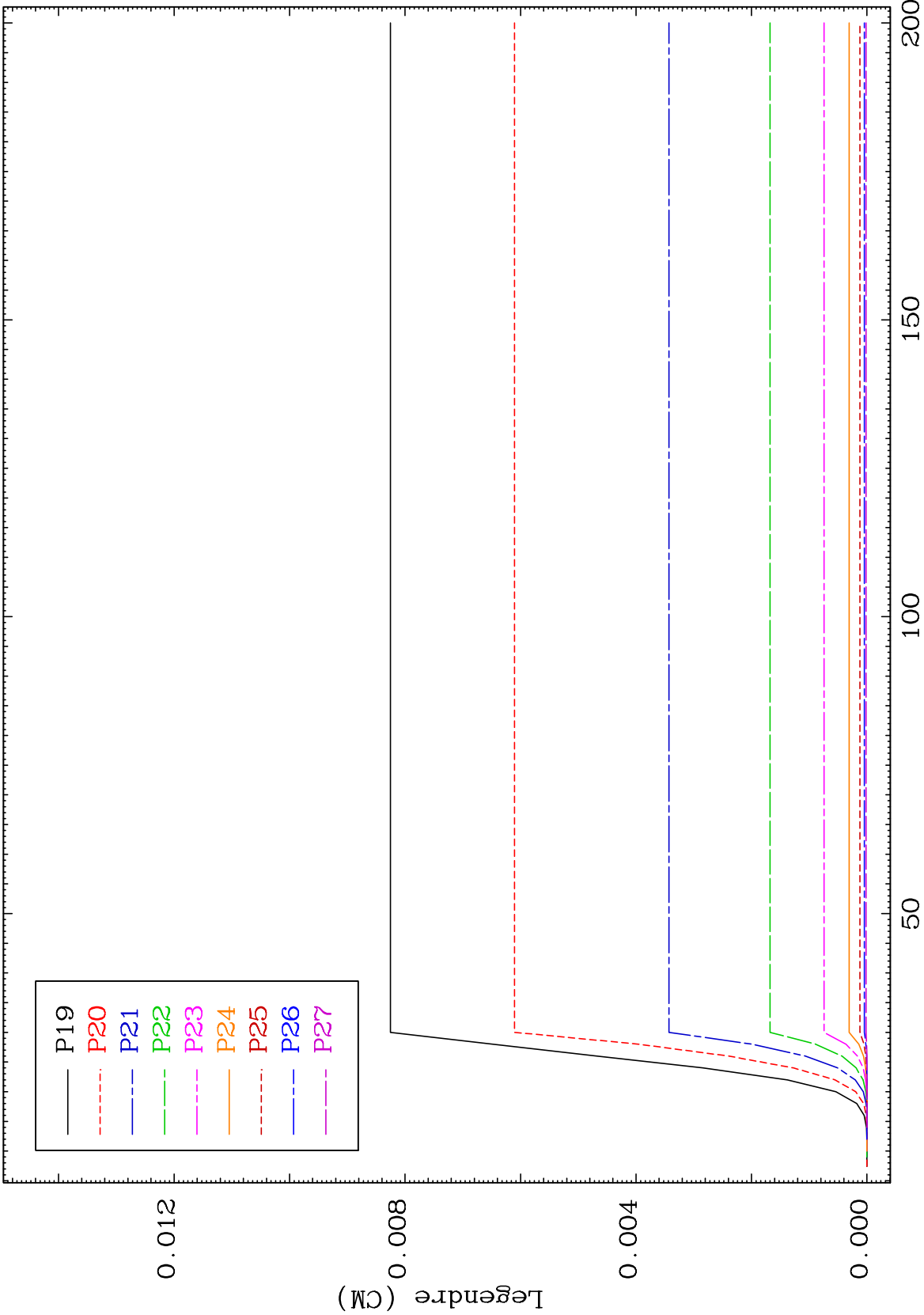




MAT 62222

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

62-Sm-143



94

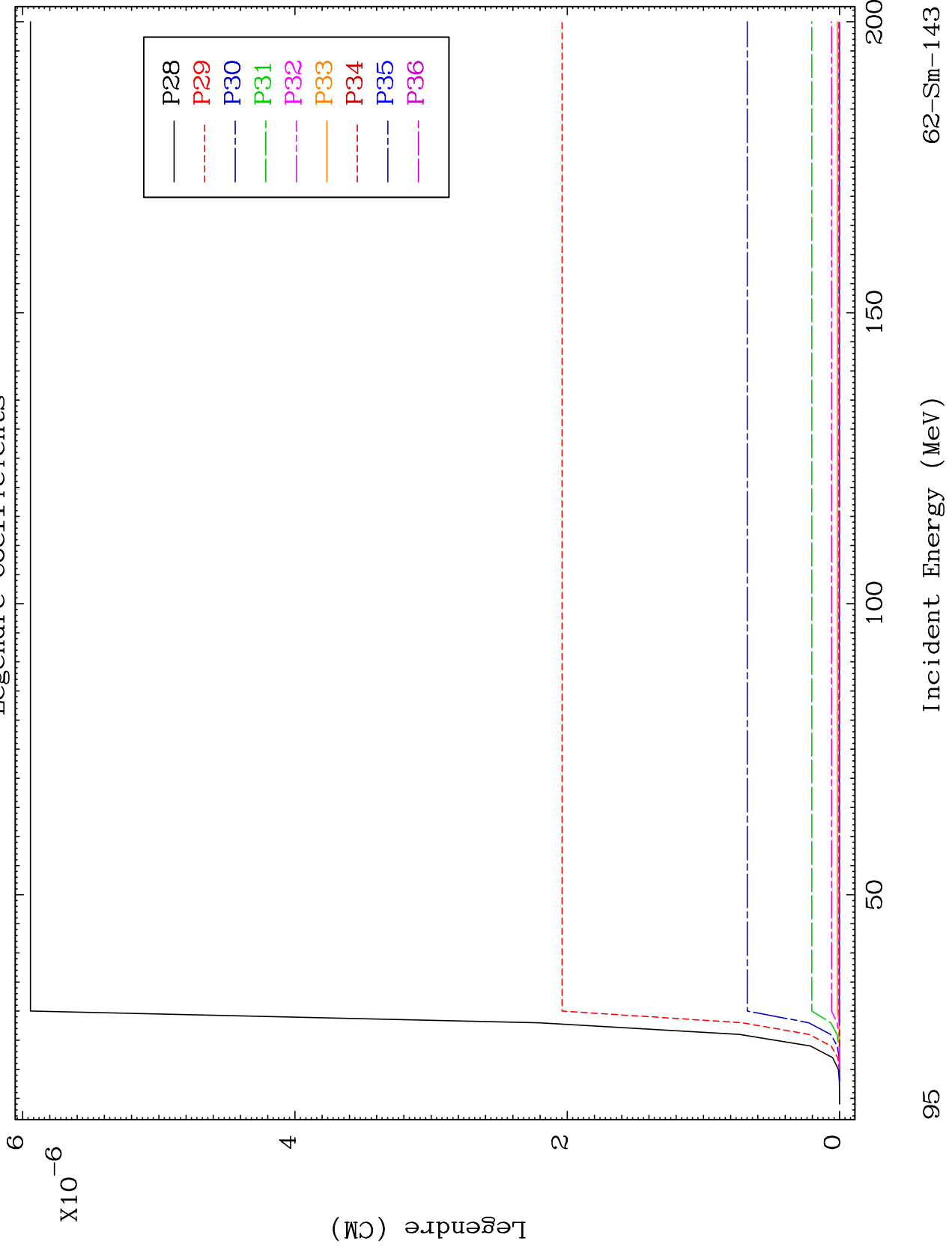
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

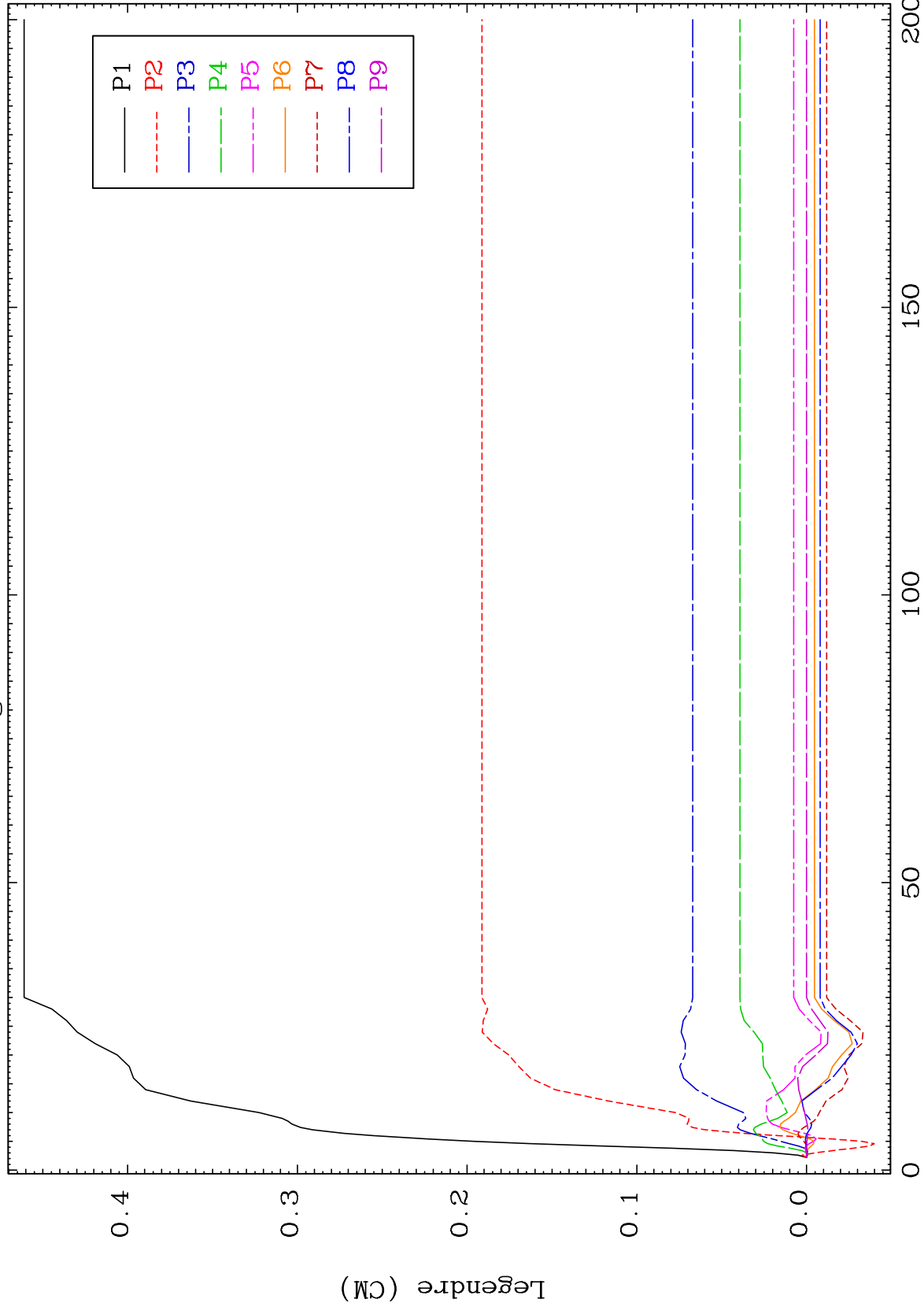
62-Sm-143



MAT 6222

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

62-Sm-143



96

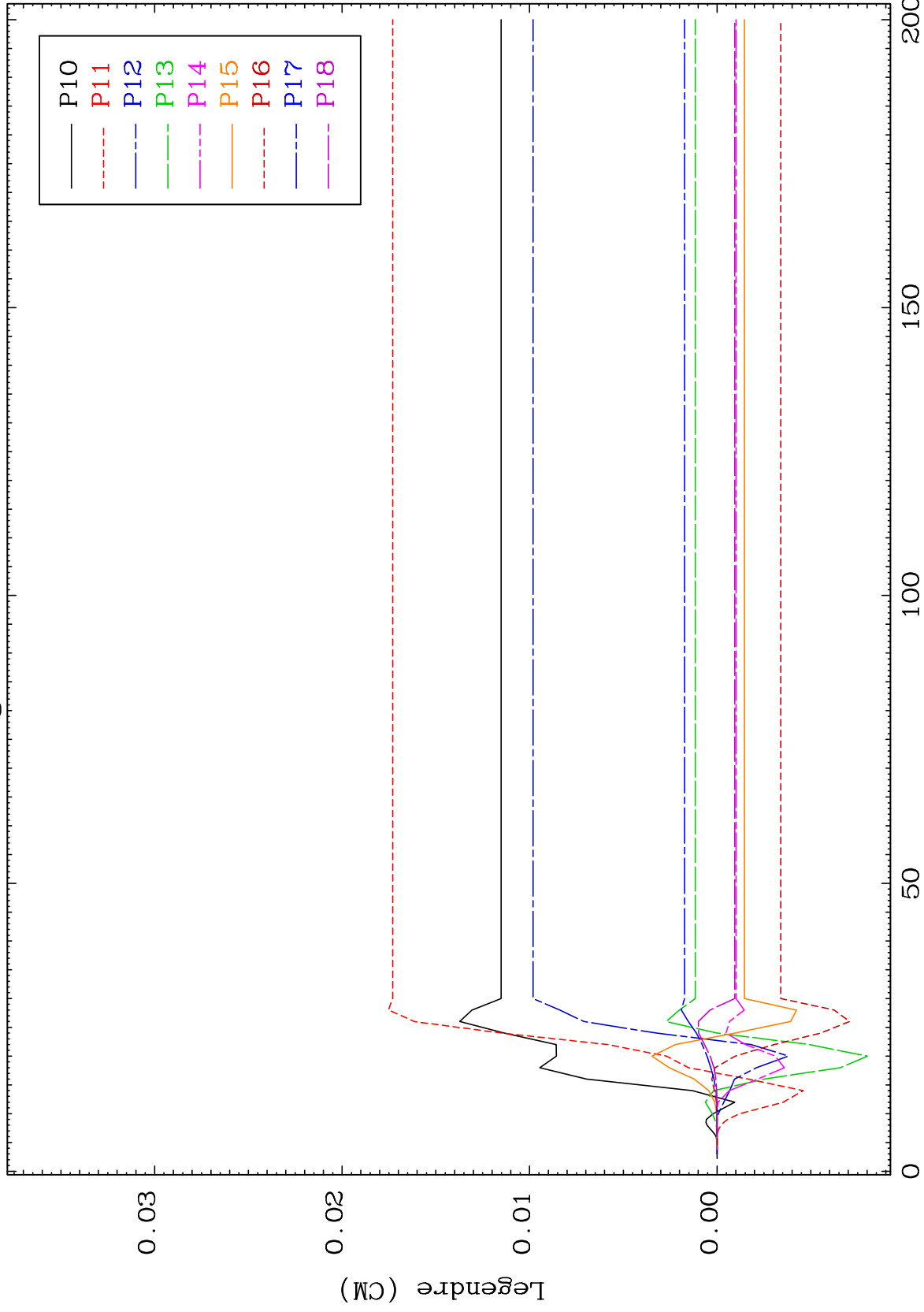
Incident Energy (MeV)

62-Sm-143

MAT 6222

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

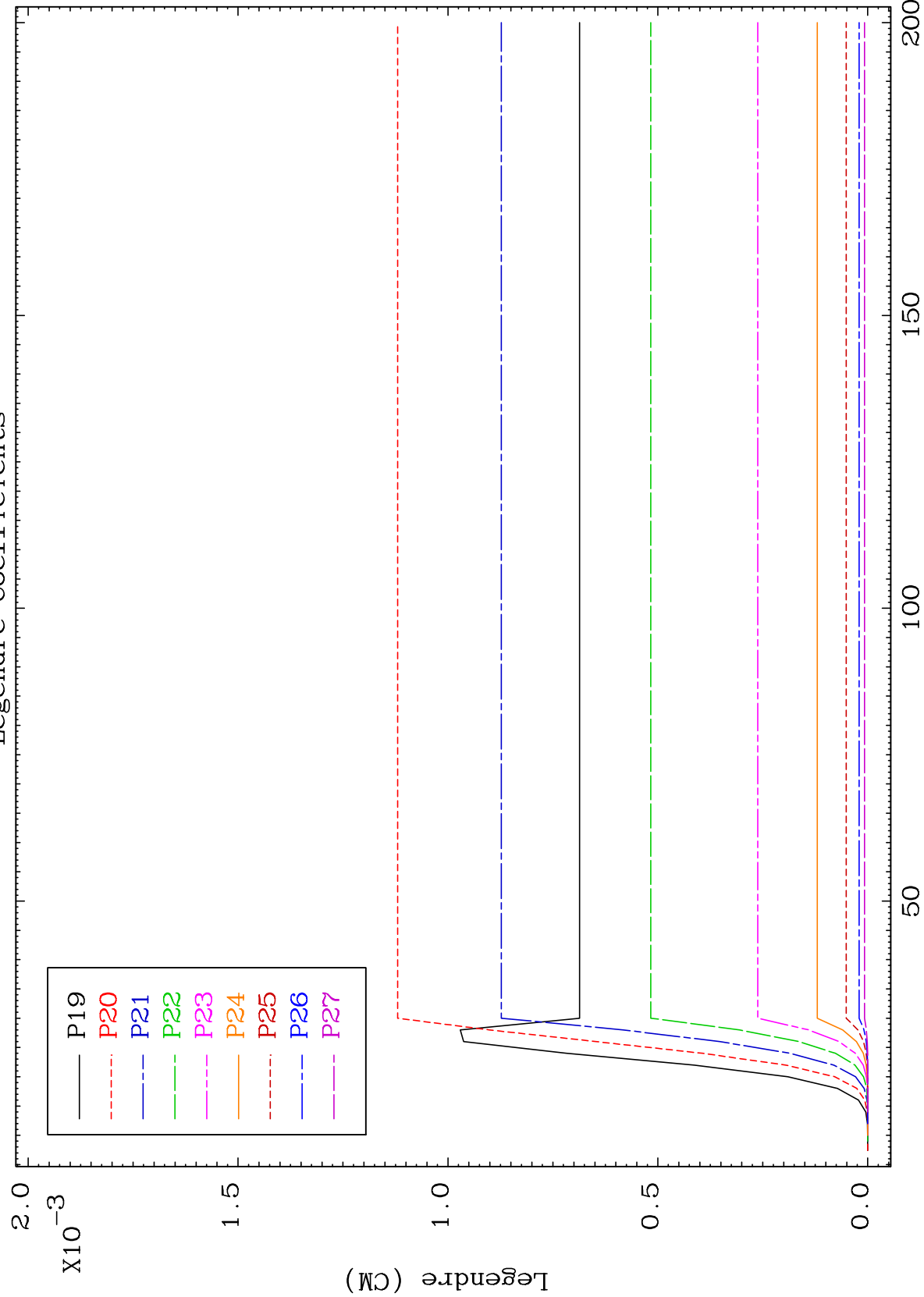
62-Sm-143



97

Incident Energy (MeV)

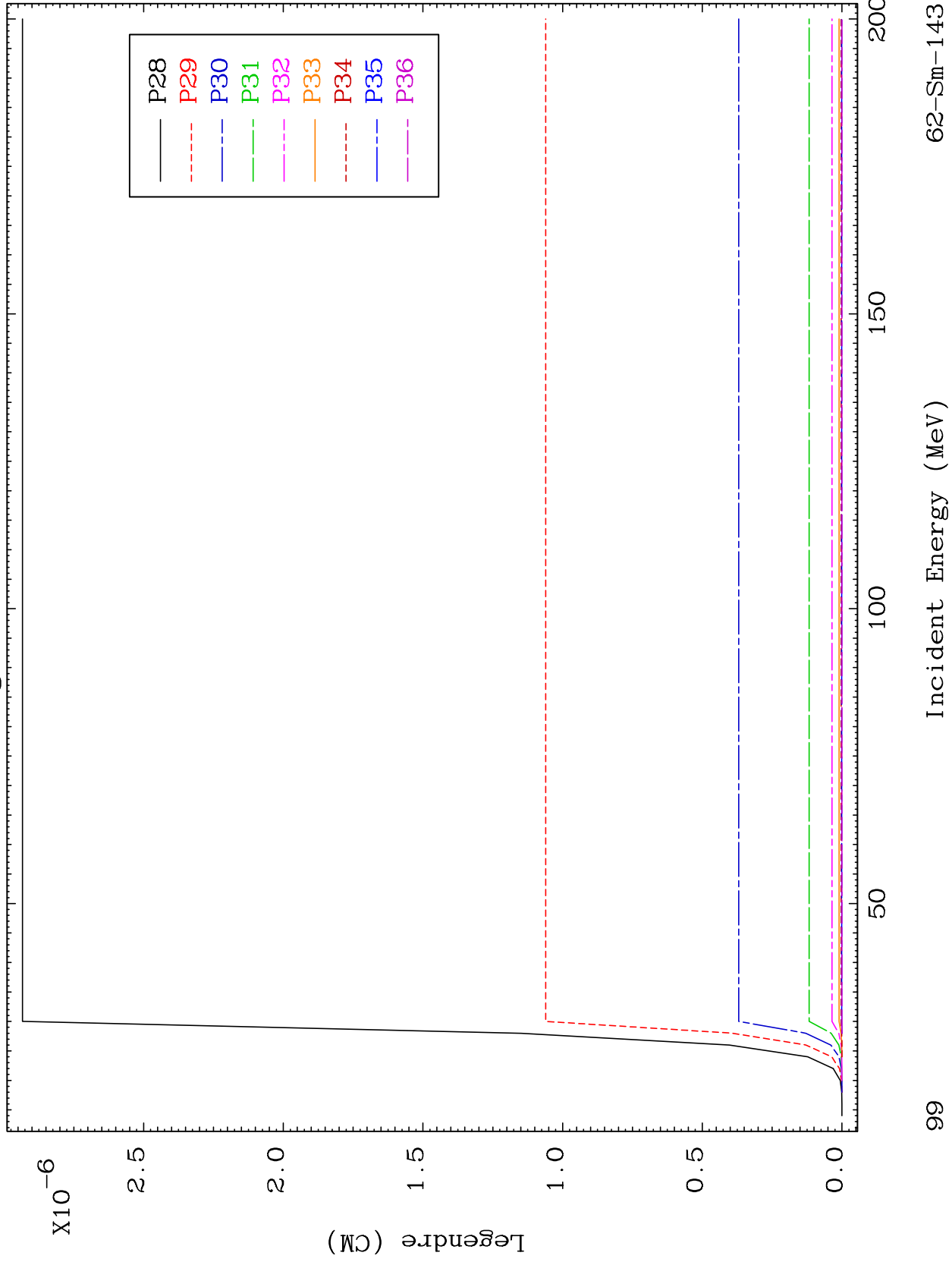
62-Sm-143



MAT 6222

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

62-Sm-143

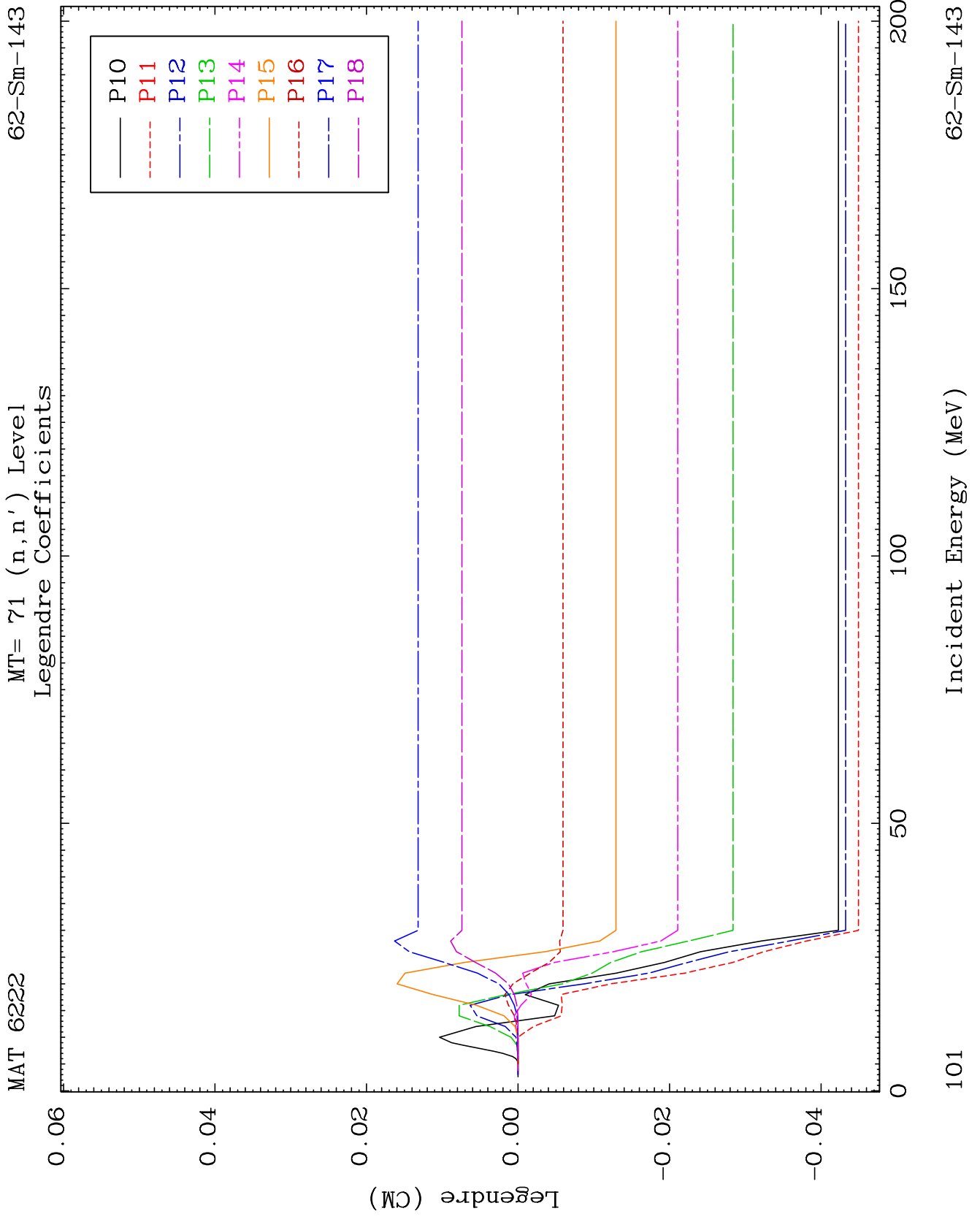


99

Incident Energy (MeV)

62-Sm-143

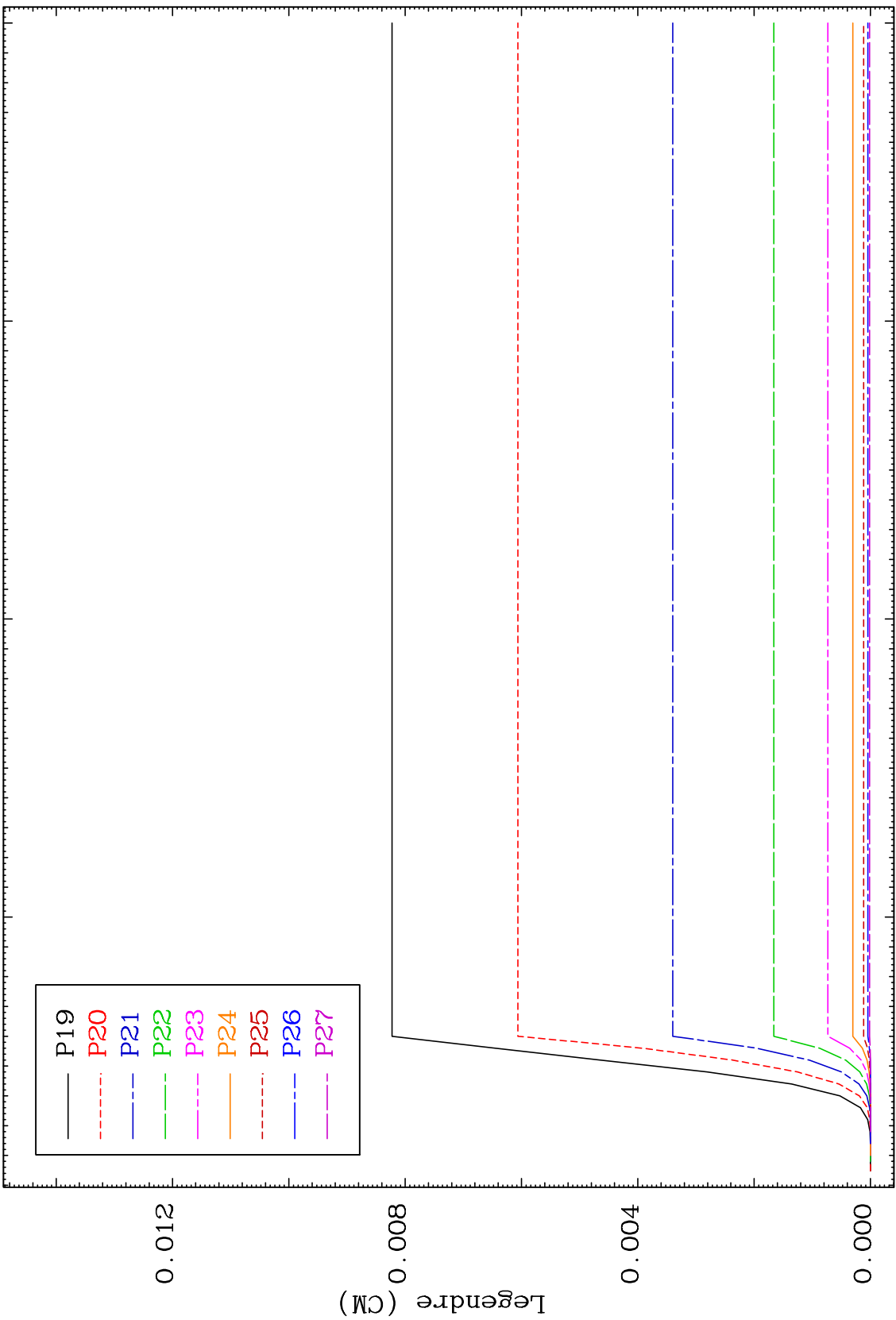




MAT 62222

MT= 71 (n,n') Level  
Legendre Coefficients

62-Sm-143



102

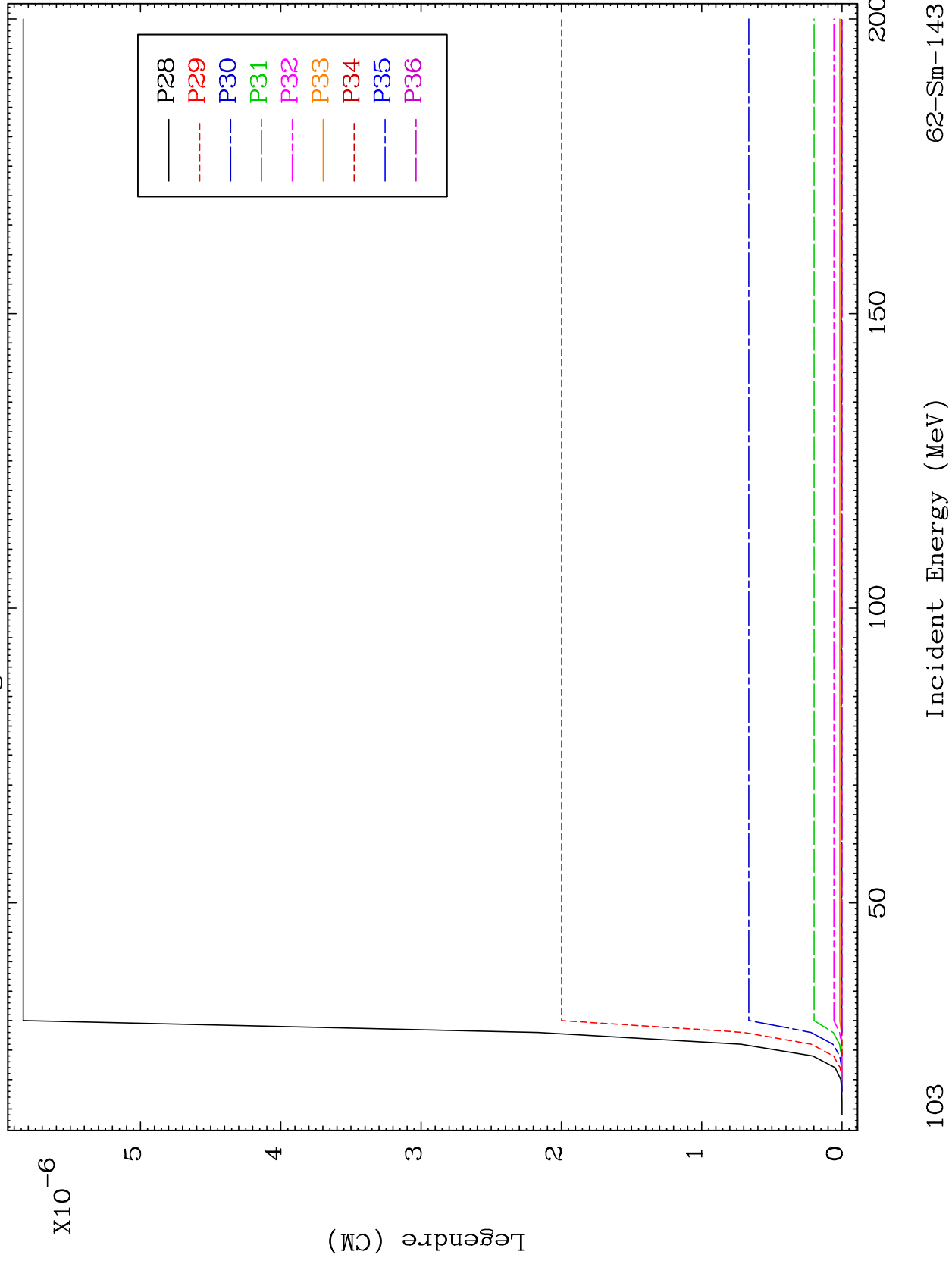
Incident Energy (MeV)

62-Sm-143

MAT 6222

MT= 71 (n,n') Level  
Legendre Coefficients

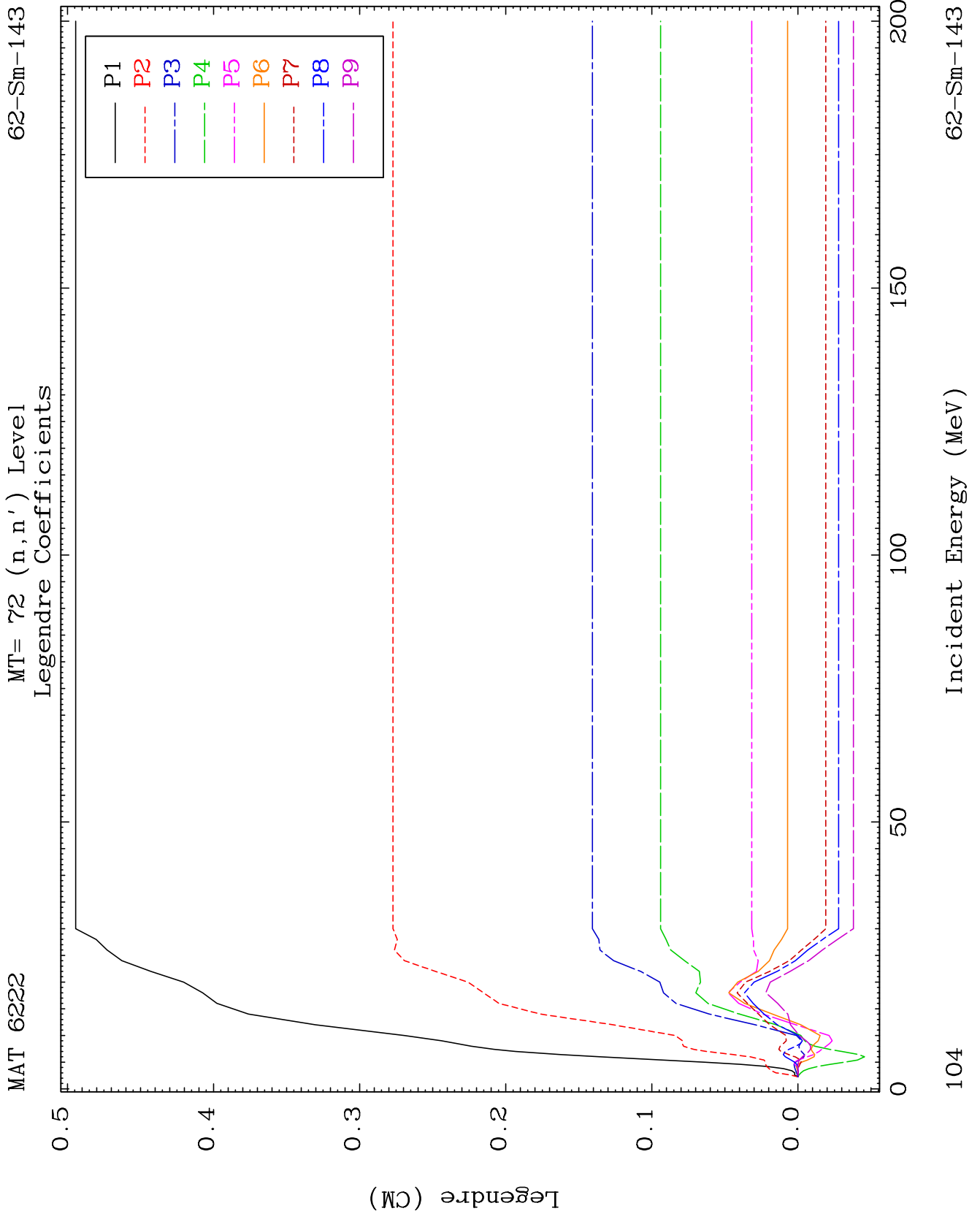
62-Sm-143

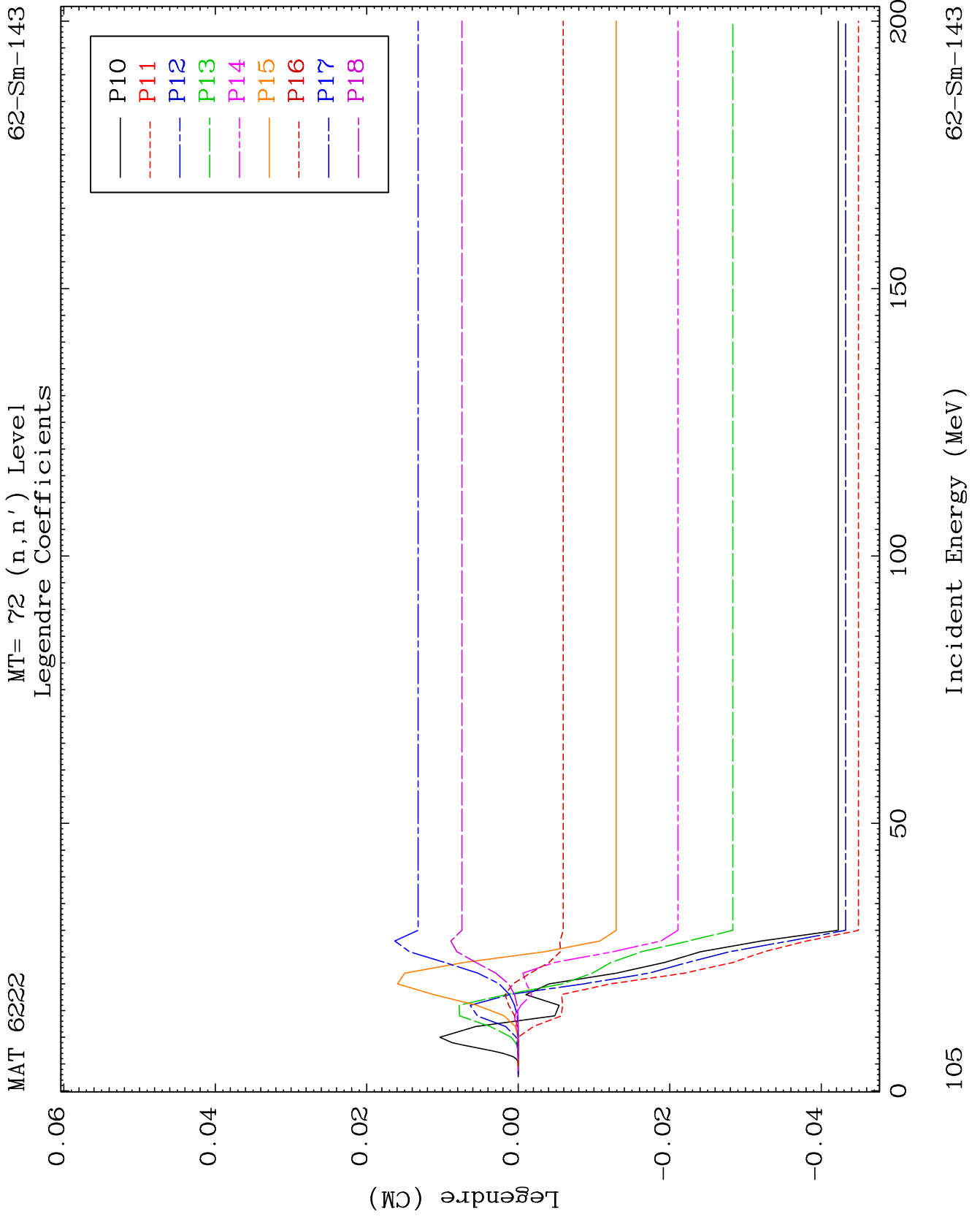


103

Incident Energy (MeV)

62-Sm-143

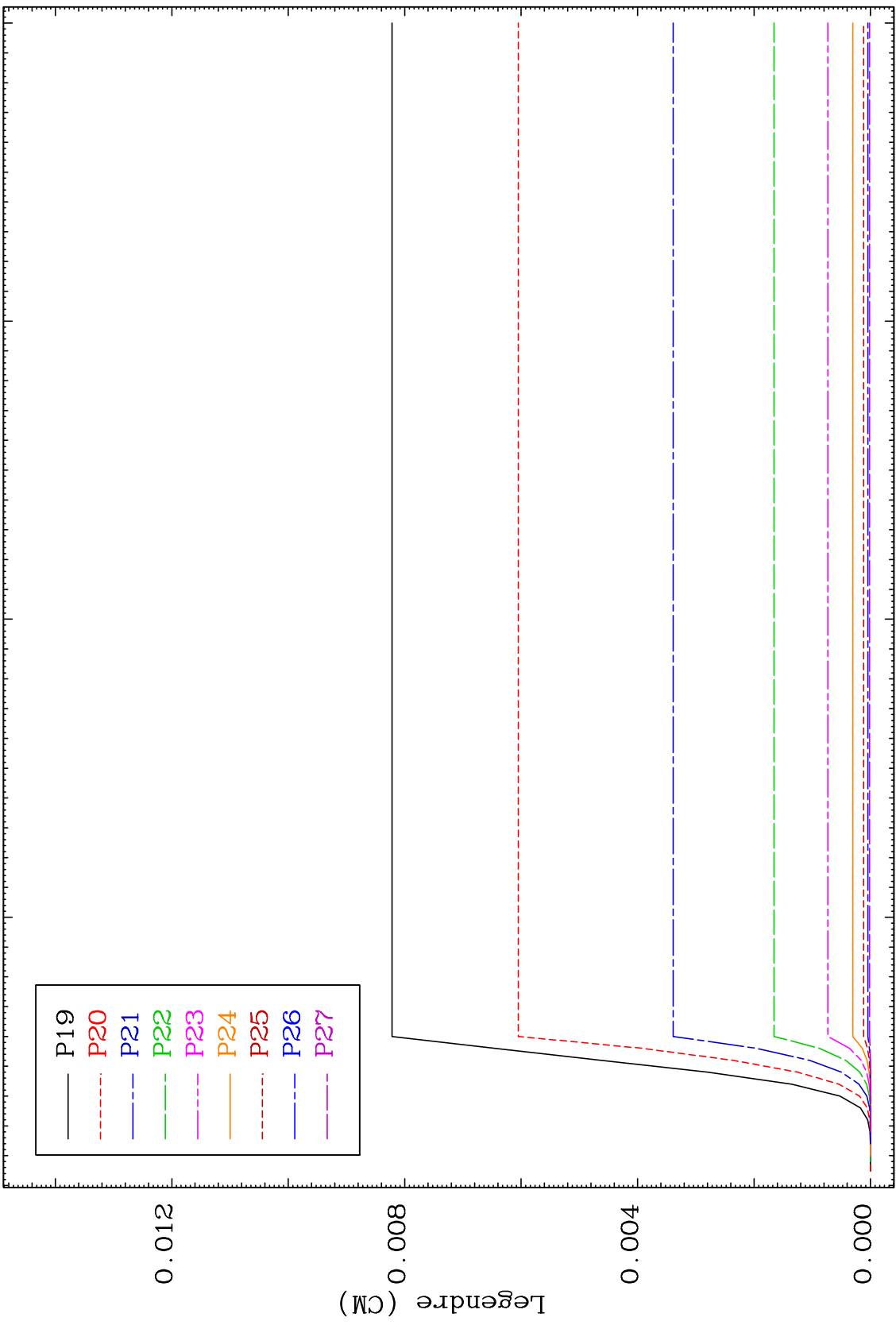




MAT 62222

MT= 72 (n,n') Level  
Legendre Coefficients

62-Sm-143



106

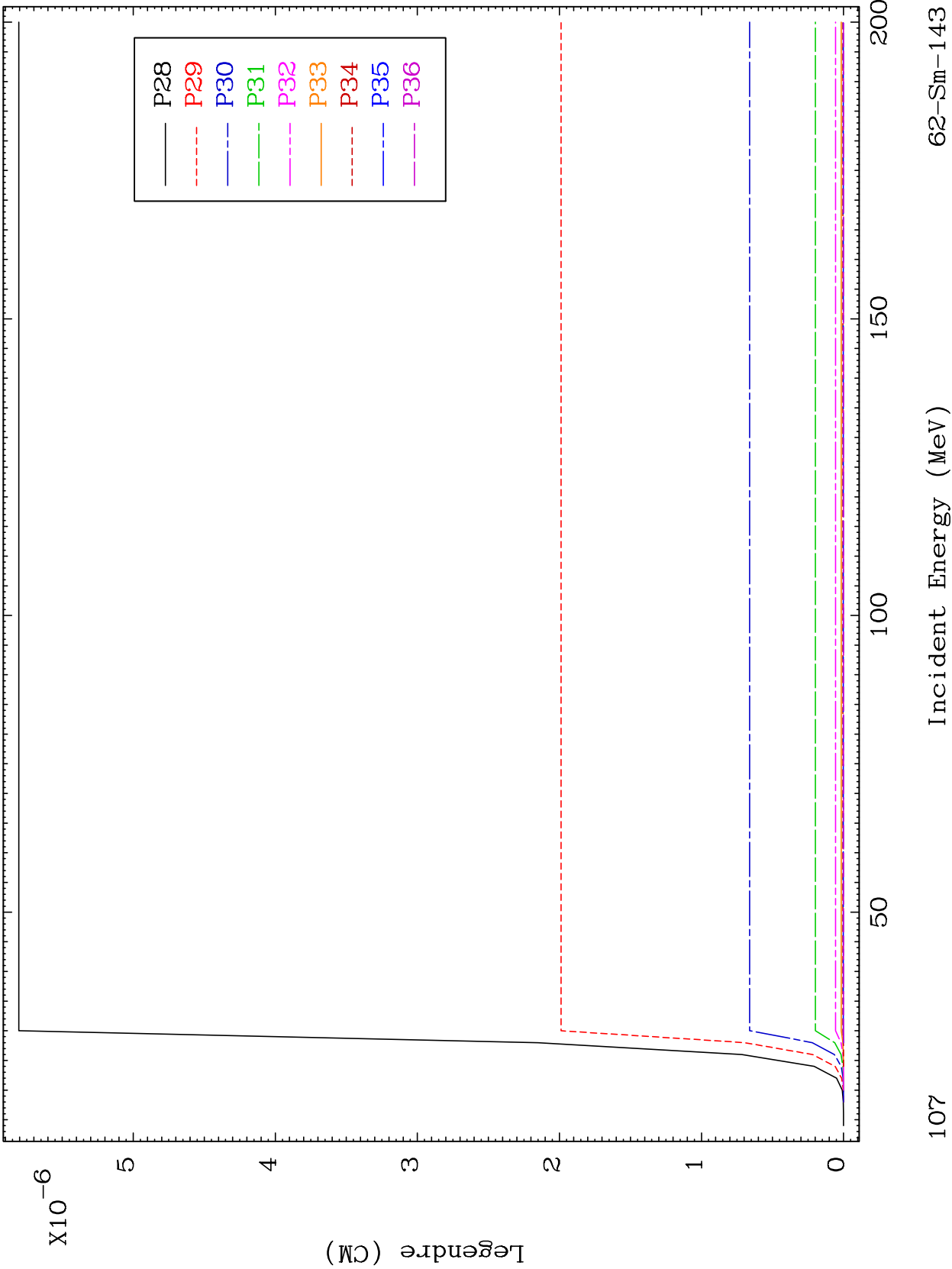
Incident Energy (MeV)

62-Sm-143

MAT 6222

MT= 72 (n,n') Level  
Legendre Coefficients

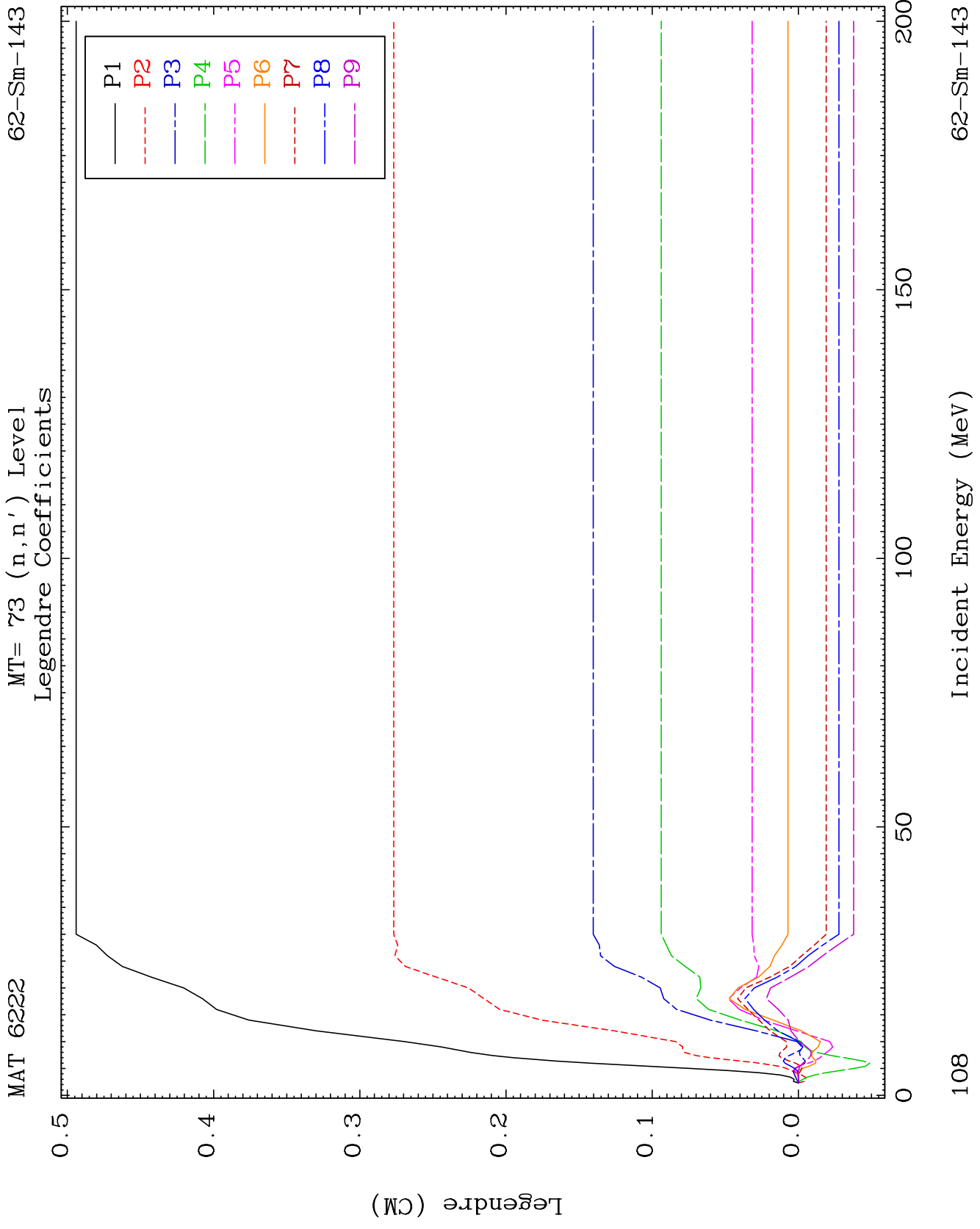
62-Sm-143



107

Incident Energy (MeV)

62-Sm-143

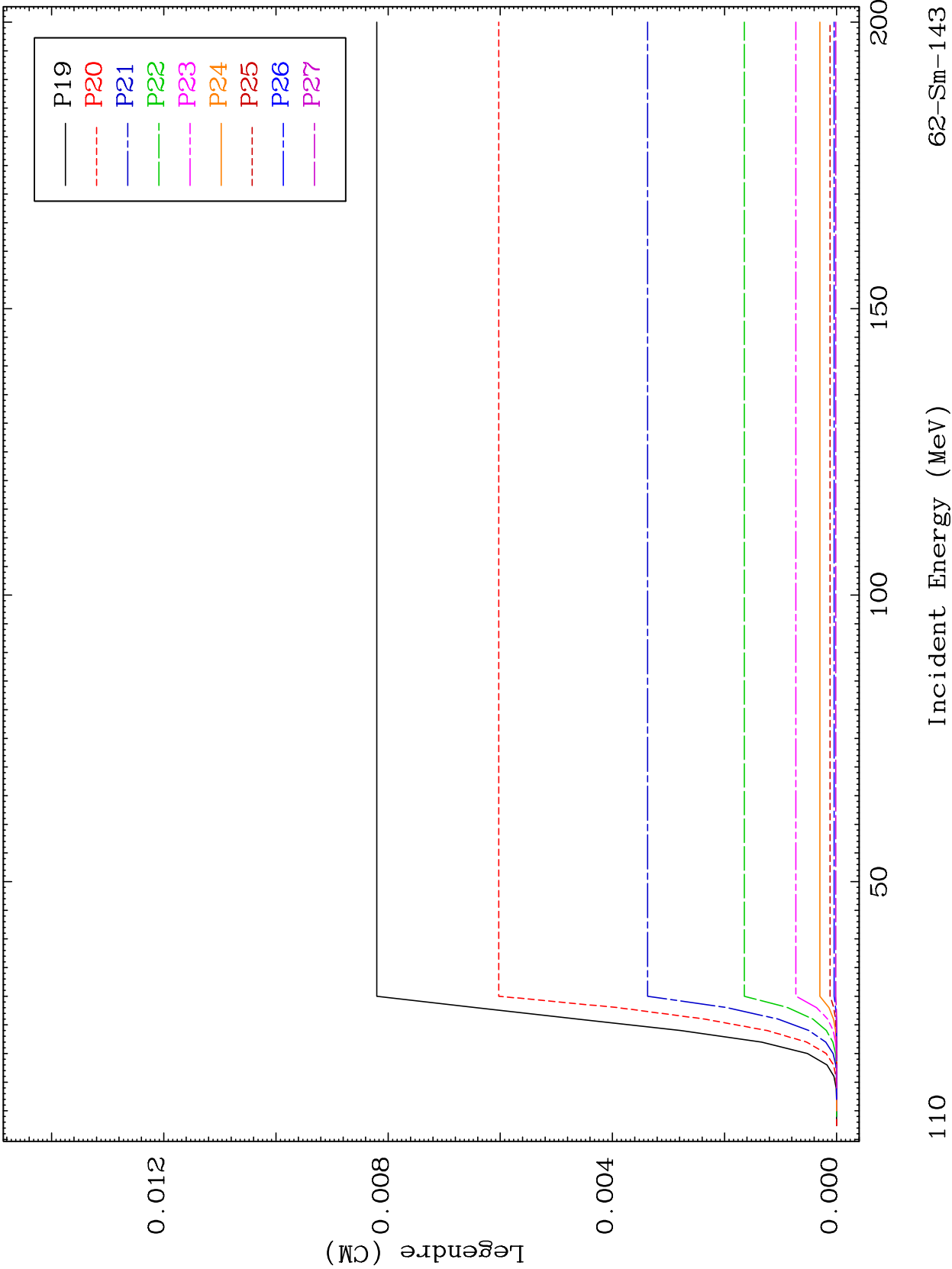




MAT 6222

MT= 73 (n,n') Level  
Legendre Coefficients

62-Sm-143



110

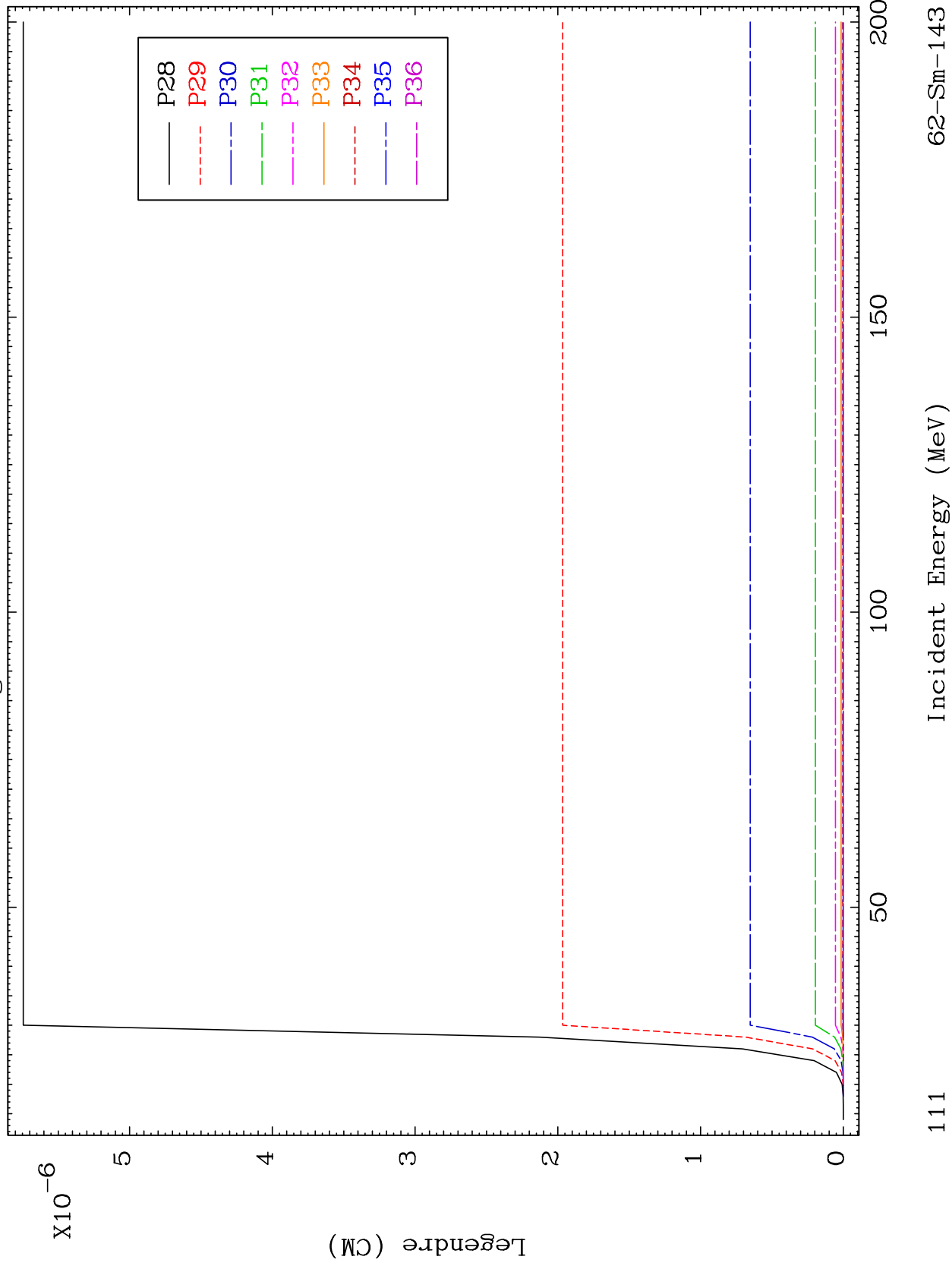
Incident Energy (MeV)

62-Sm-143

MAT 6222

MT= 73 (n,n') Level  
Legendre Coefficients

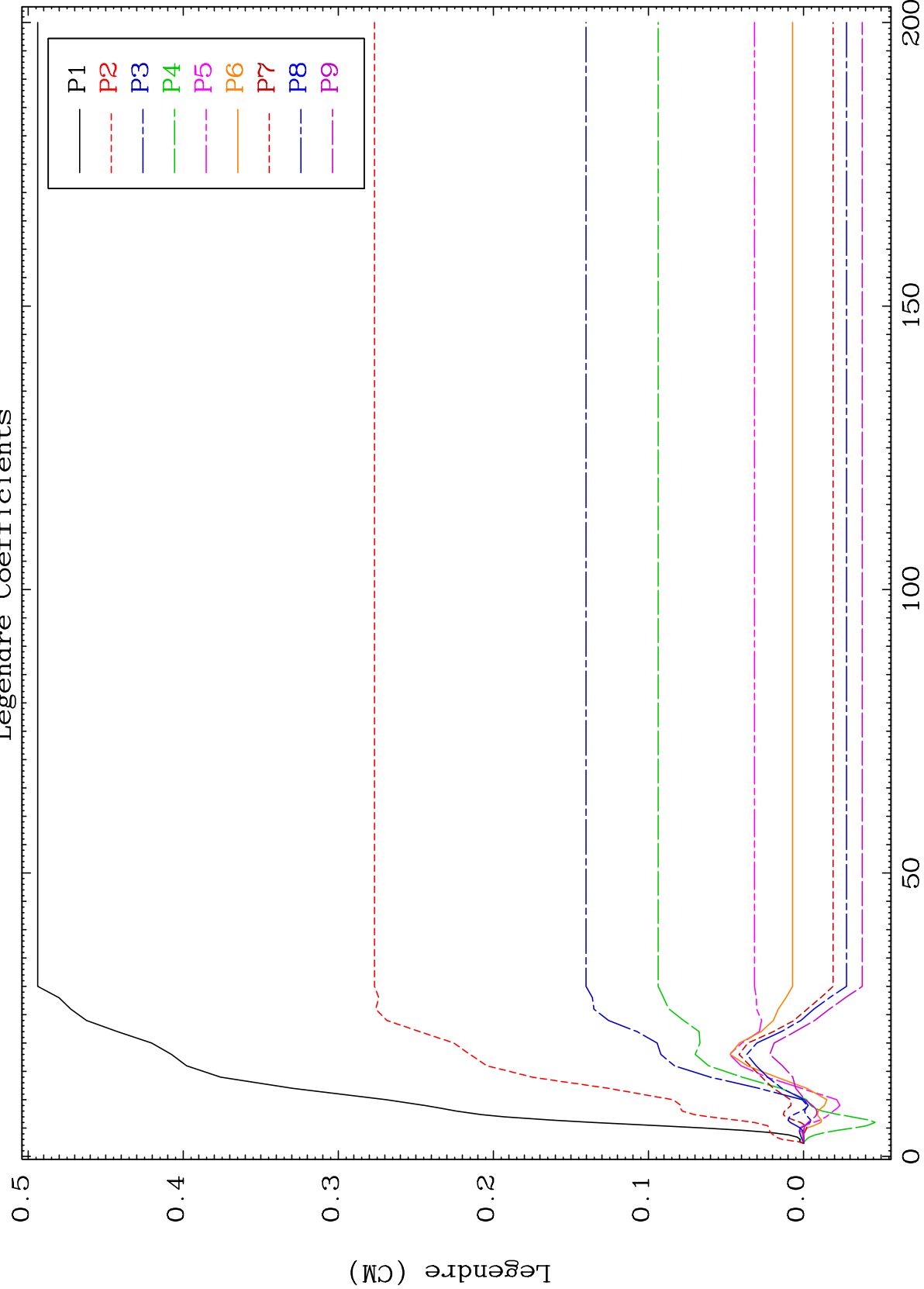
62-Sm-143



MAT 6222

MT= 74 (n,n') Level  
Legendre Coefficients

62-Sm-143



112

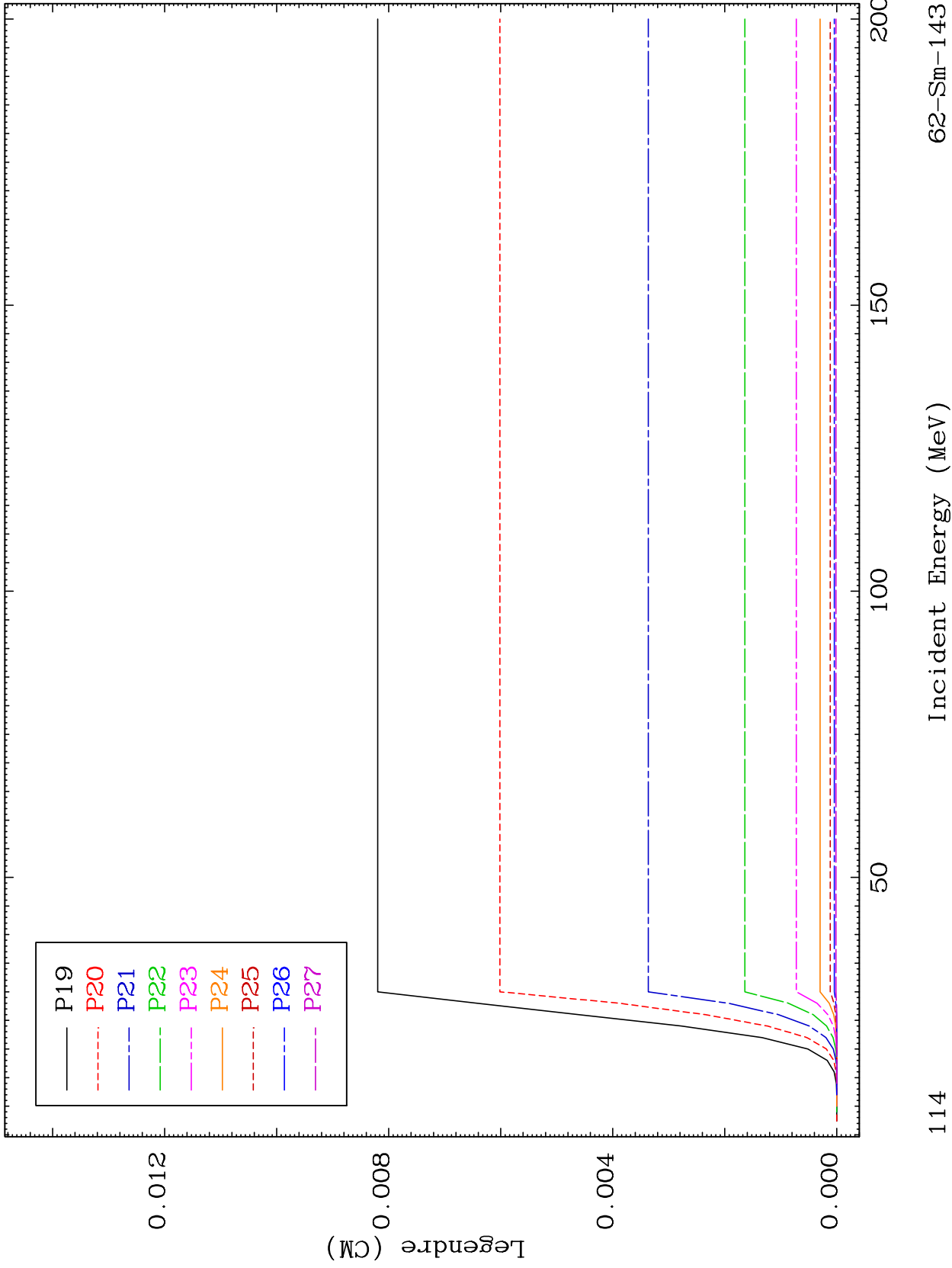
62-Sm-143



MAT 62222

MT= 74 (n,n') Level  
Legendre Coefficients

62-Sm-143



114

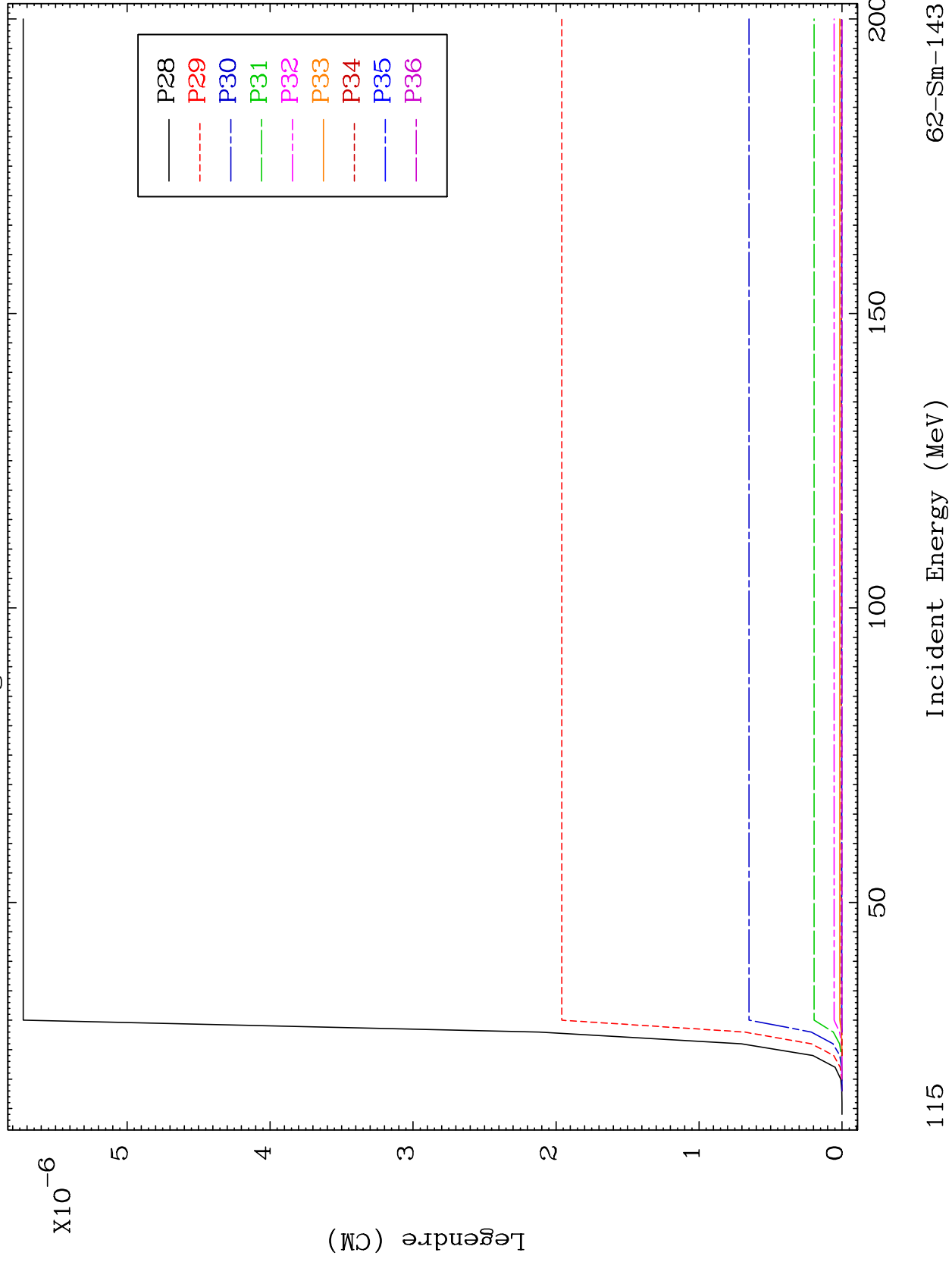
Incident Energy (MeV)

62-Sm-143

MAT 6222

MT= 74 (n,n') Level  
Legendre Coefficients

62-Sm-143

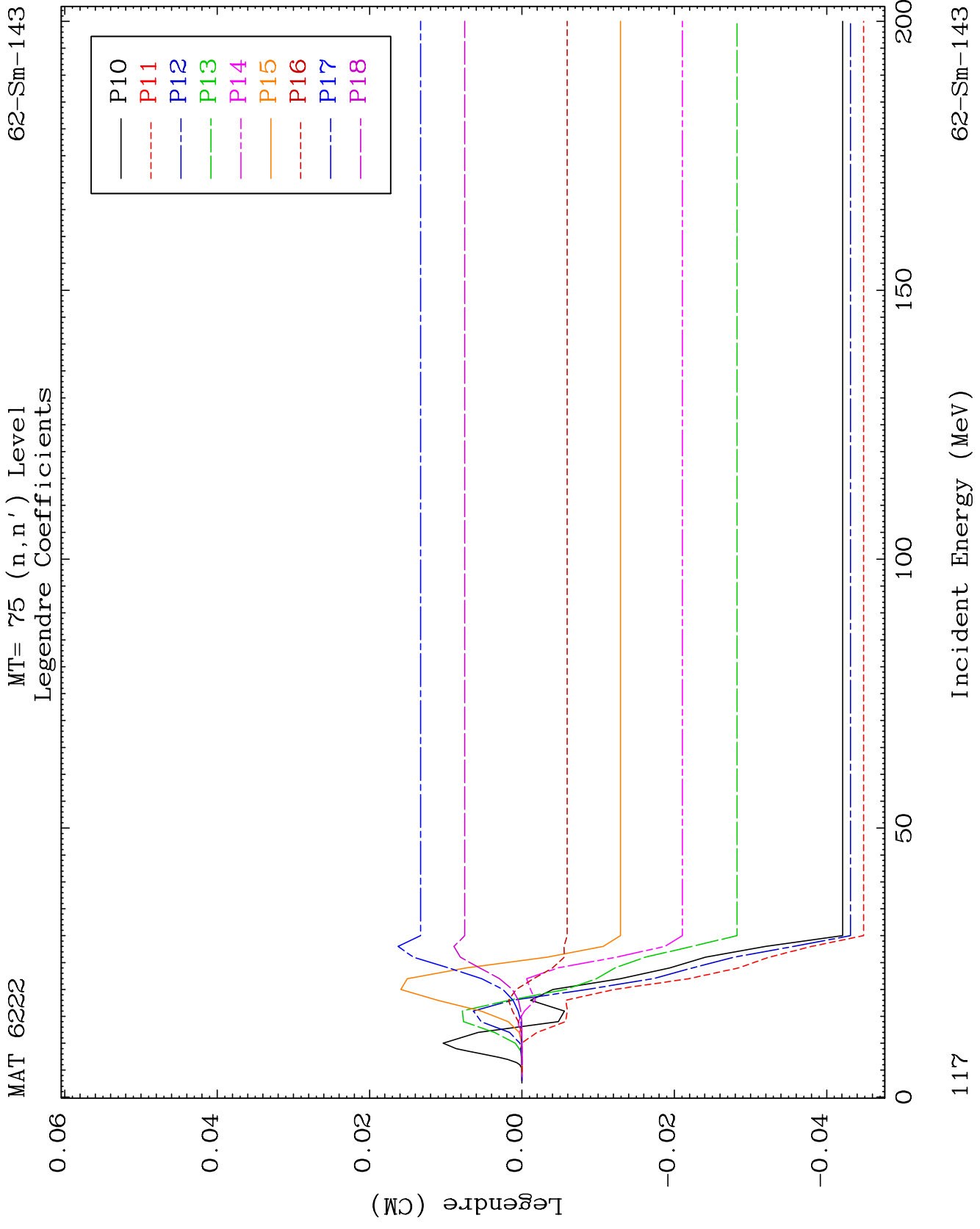


115

Incident Energy (MeV)

62-Sm-143

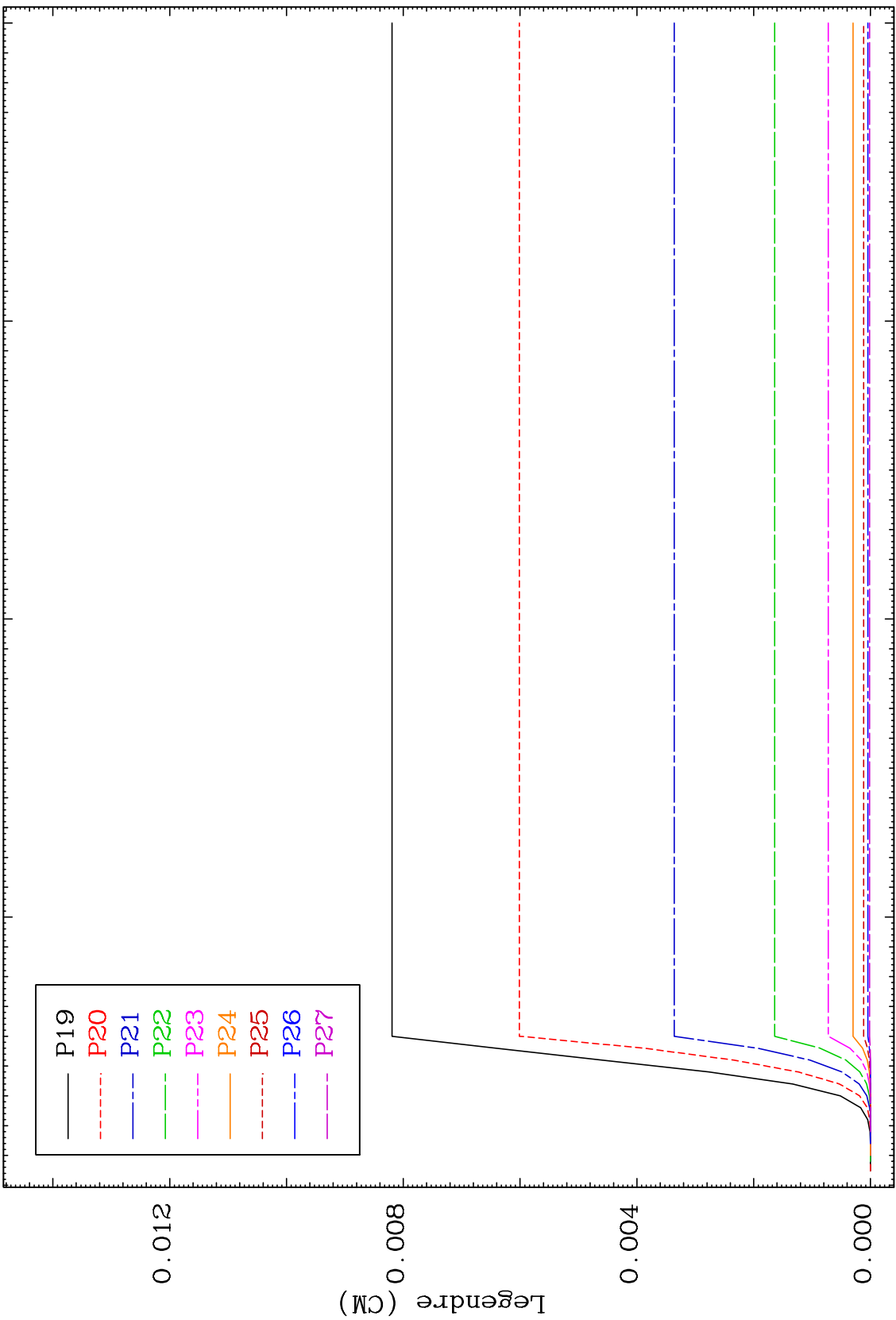




MAT 62222

MT= 75 (n,n') Level  
Legendre Coefficients

62-Sm-143



118

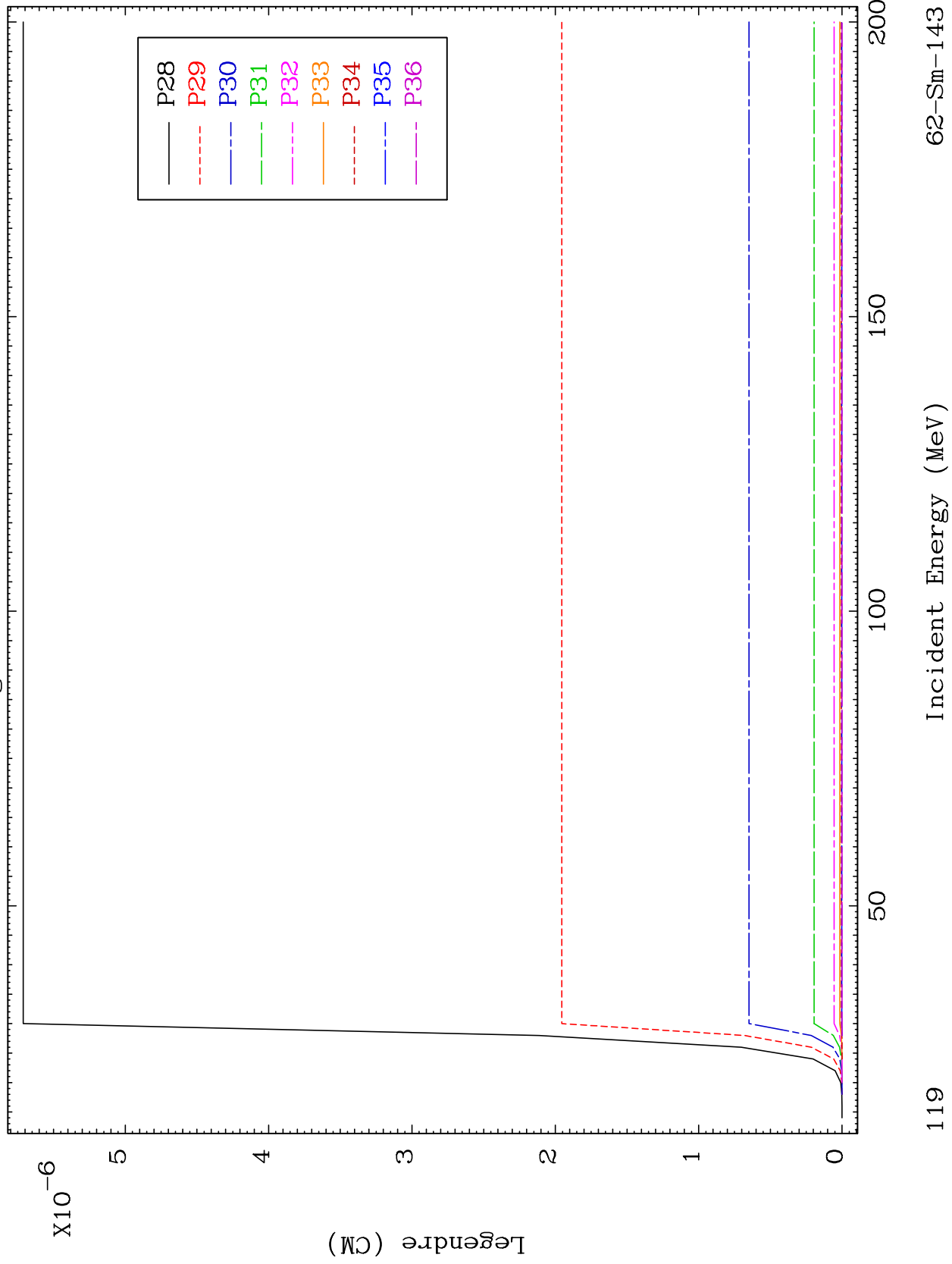
Incident Energy (MeV)

62-Sm-143

MAT 6222

MT= 75 (n,n') Level  
Legendre Coefficients

62-Sm-143



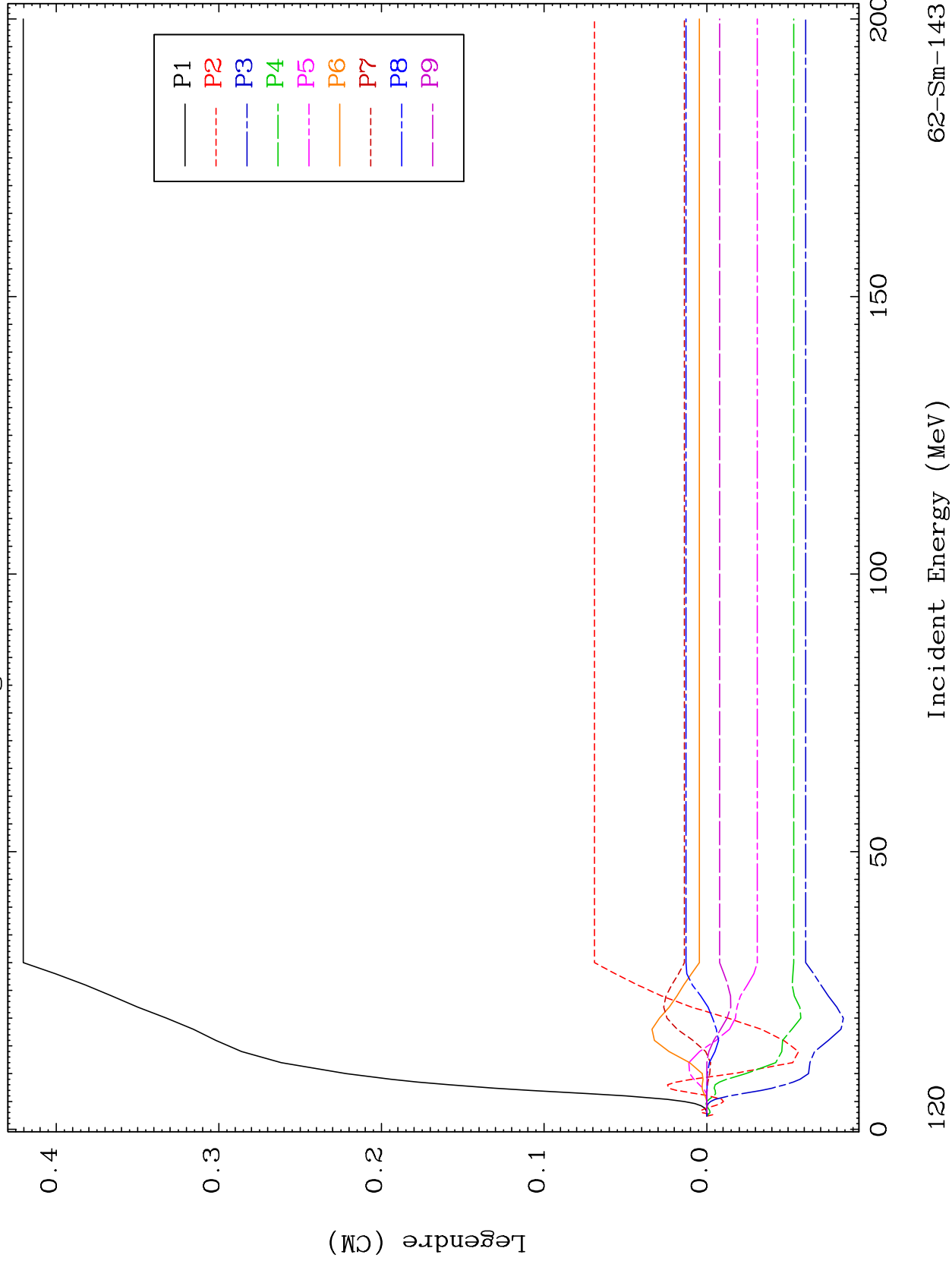
119

62-Sm-143

MAT 6222

MT= 76 (n,n') Level  
Legendre Coefficients

62-Sm-143



62-Sm-143

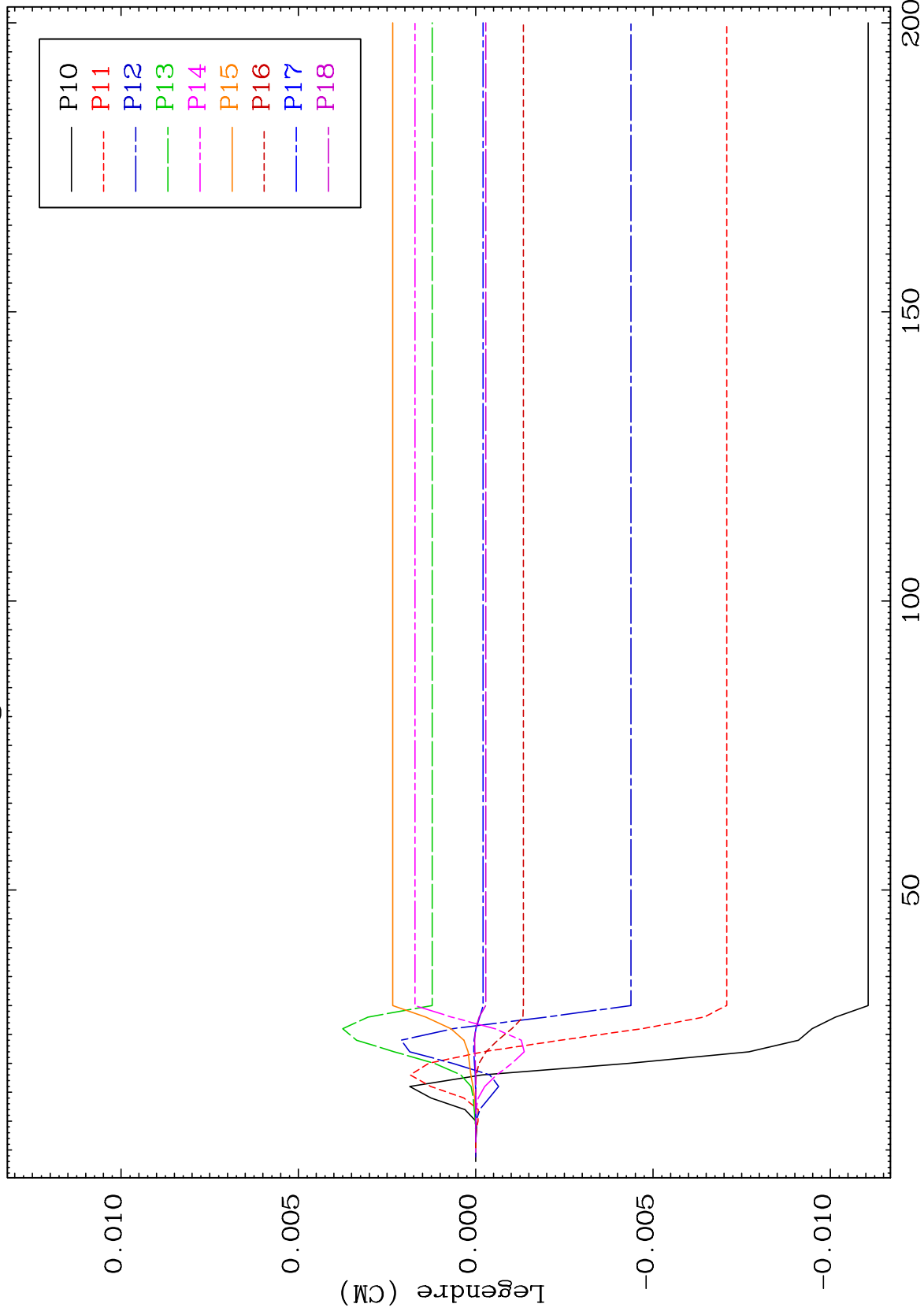
Incident Energy (MeV)

120

MAT 6222

MT= 76 (n,n') Level  
Legendre Coefficients

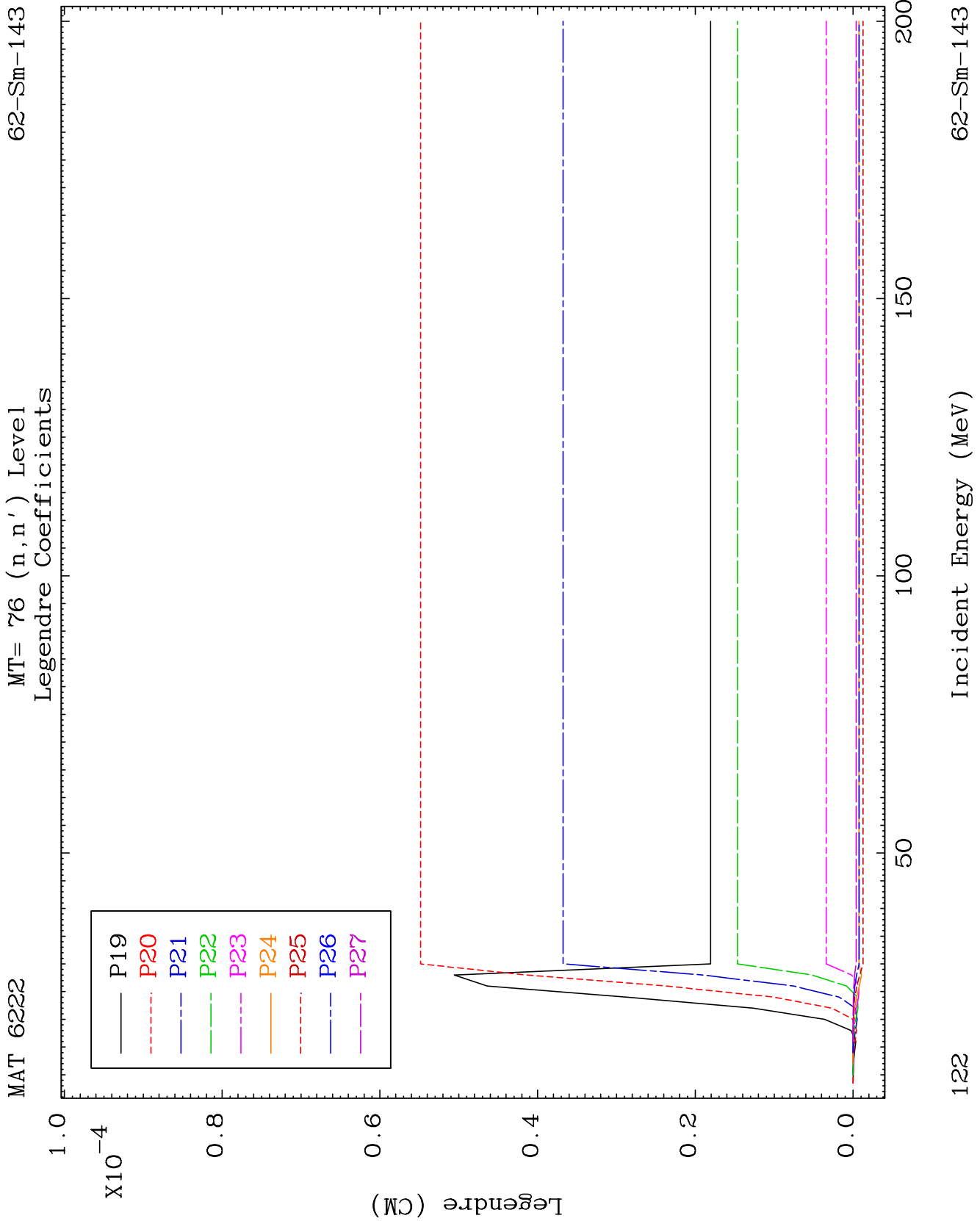
62-Sm-143

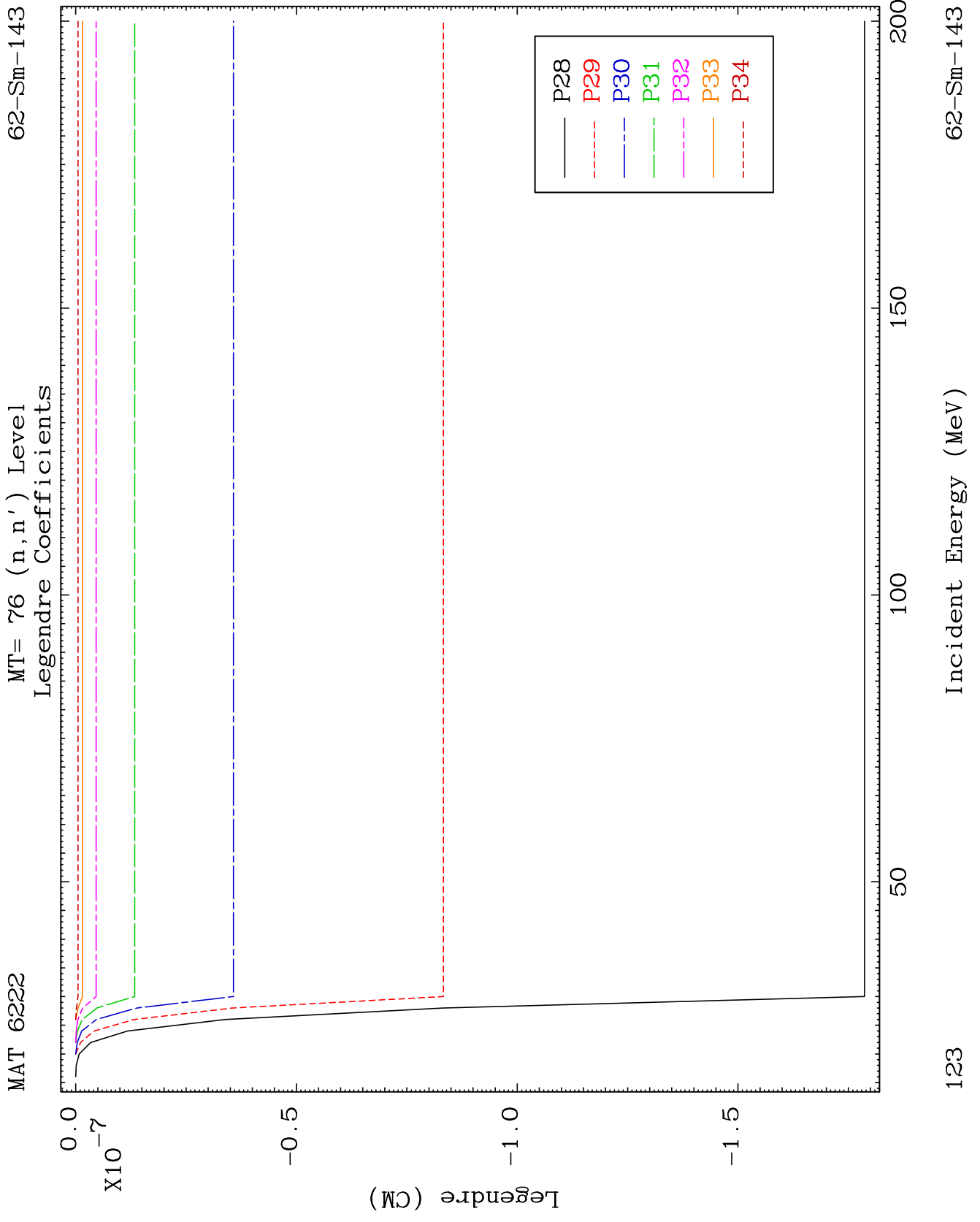


121

Incident Energy (MeV)

62-Sm-143

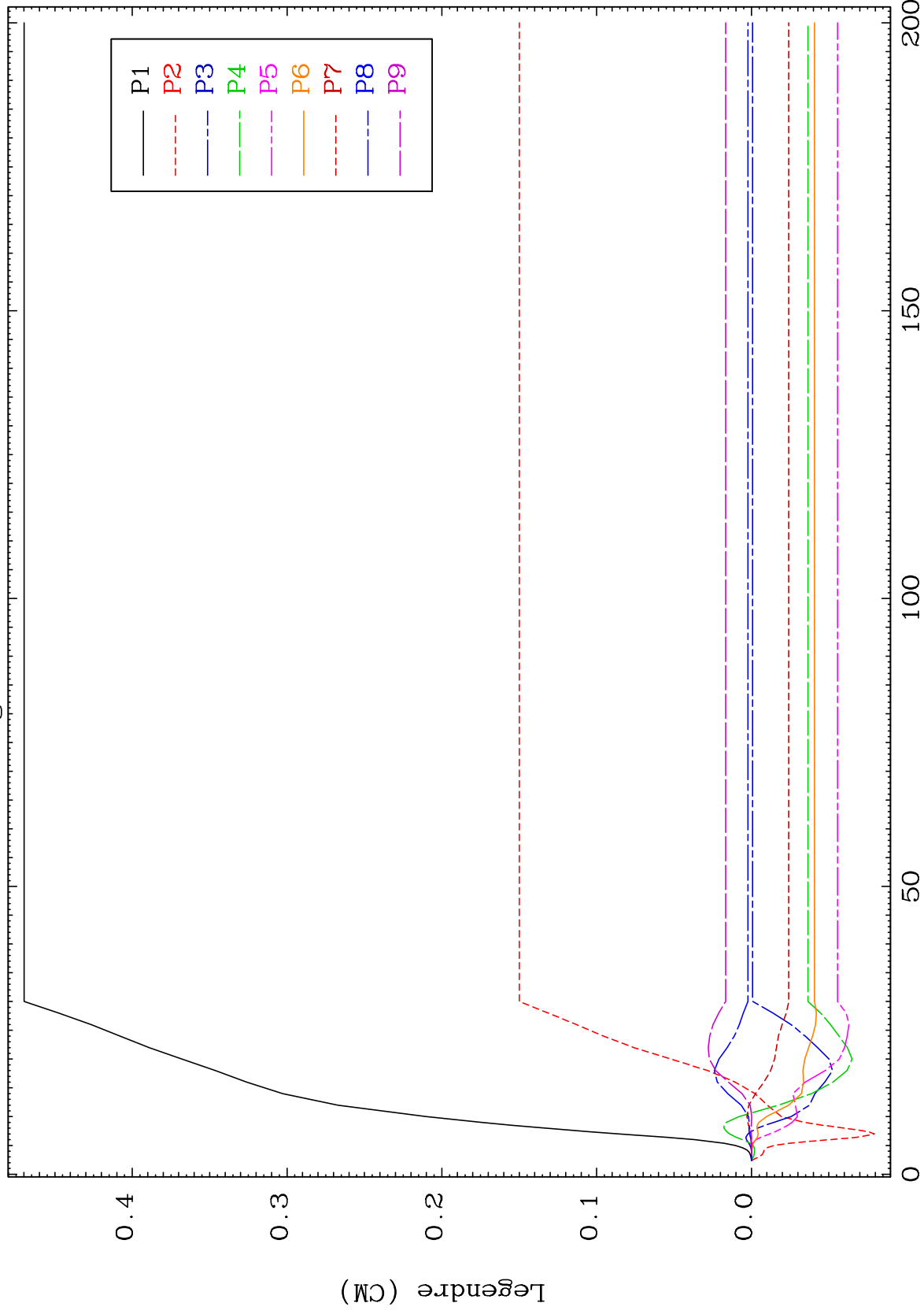




MAT 6222

MT= 77 (n,n') Level  
Legendre Coefficients

62-Sm-143



124

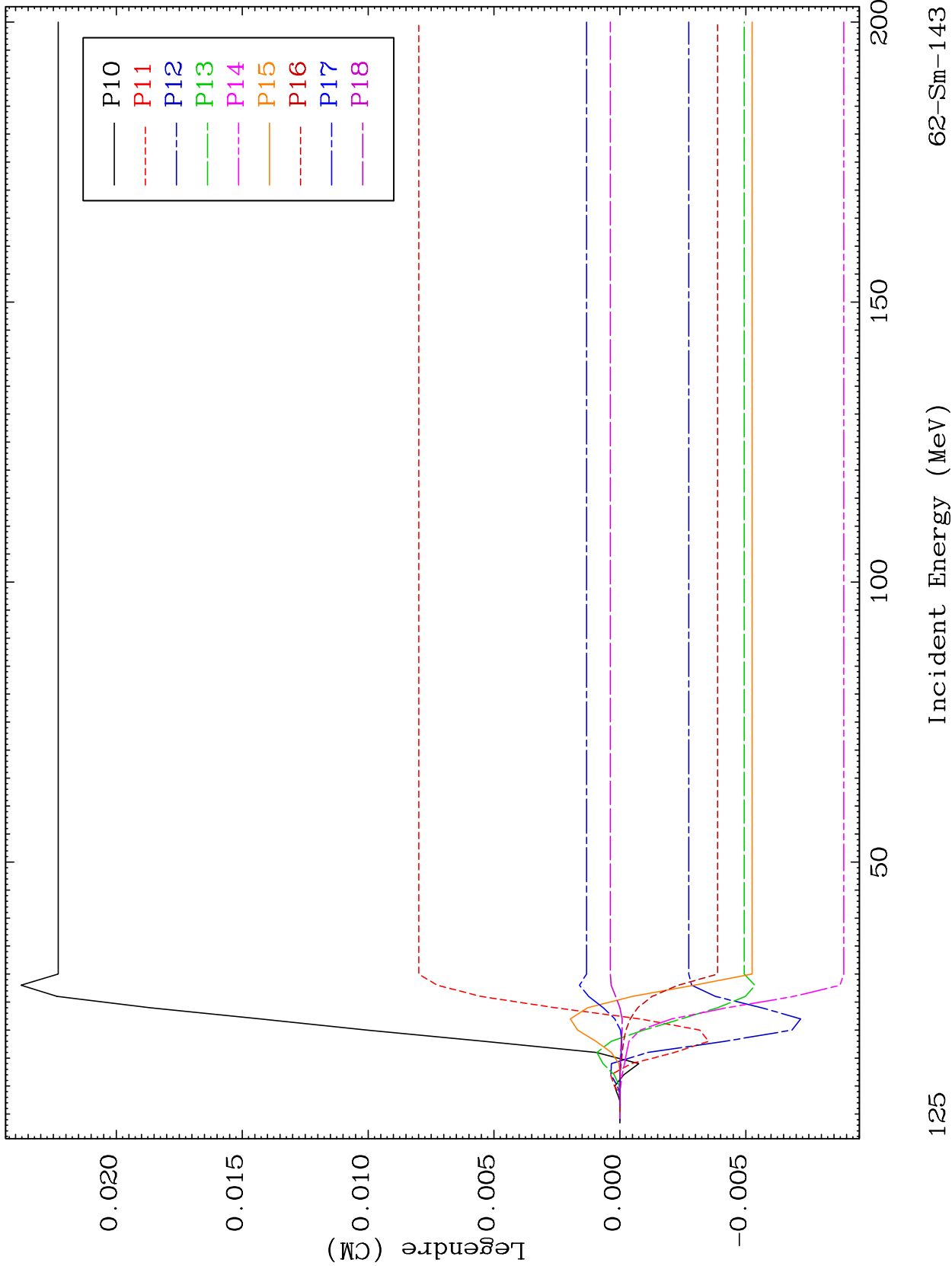
Incident Energy (MeV)

62-Sm-143

MAT 6222

MT= 77 (n,n') Level  
Legendre Coefficients

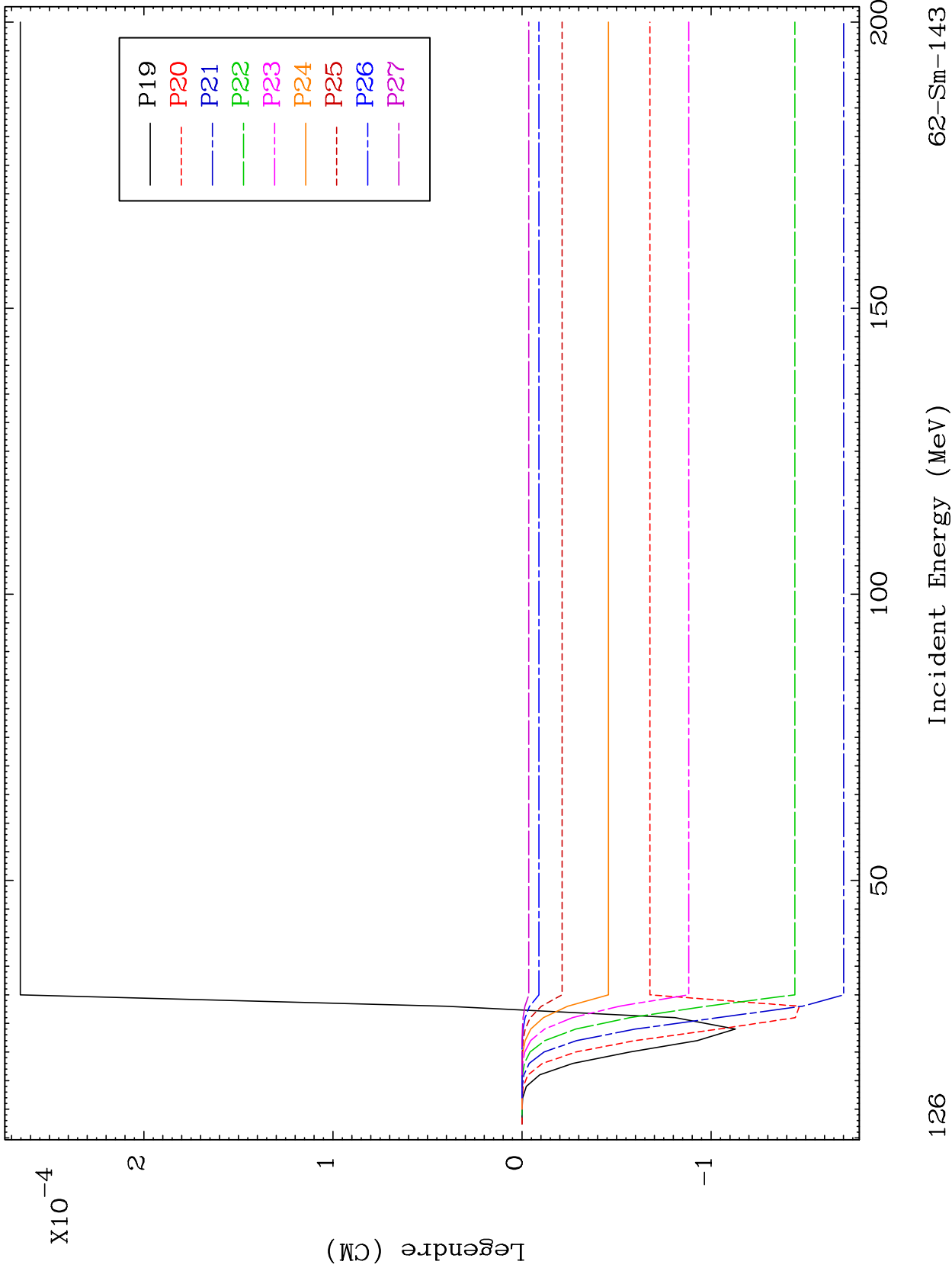
62-Sm-143



125

Incident Energy (MeV)

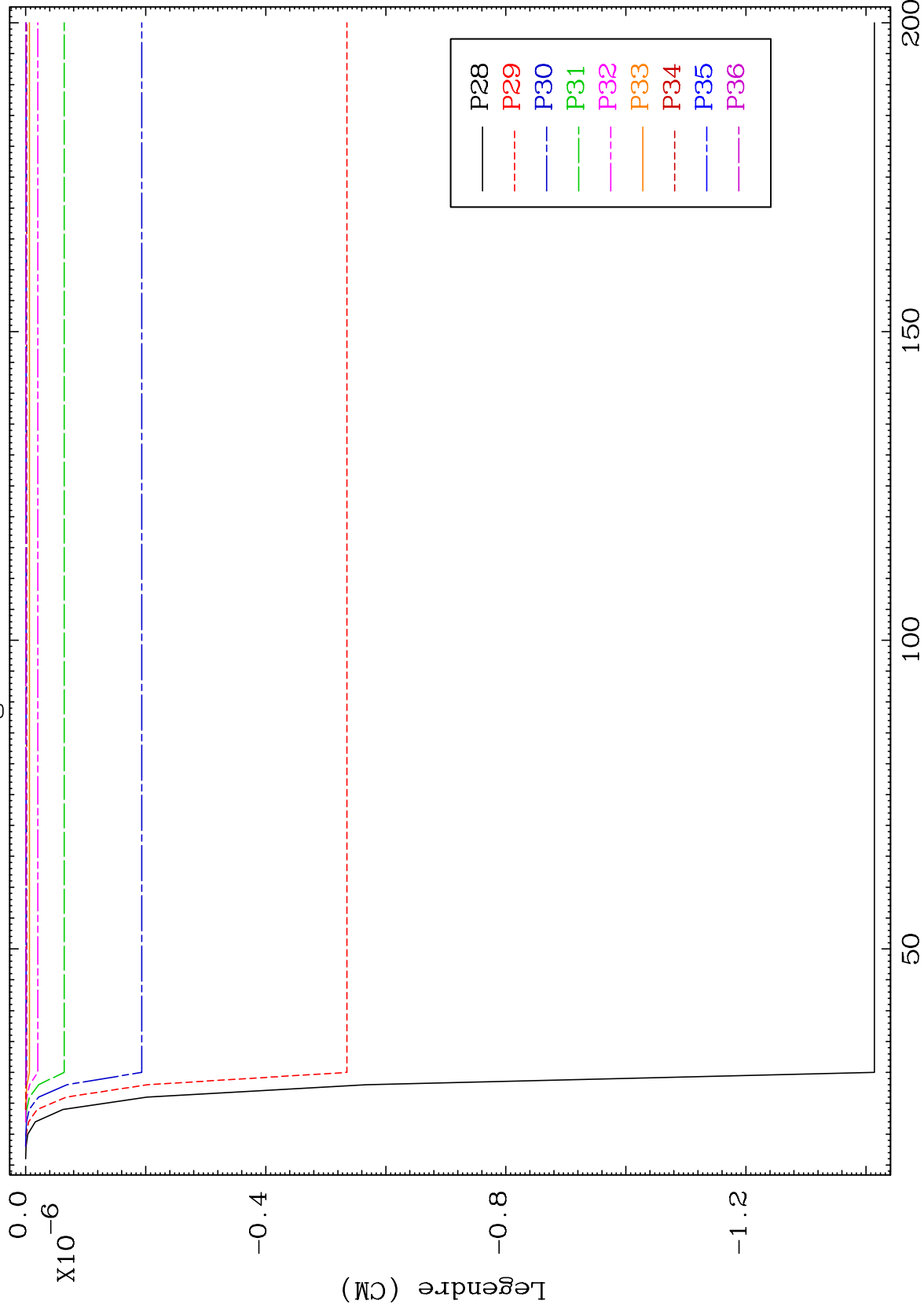
62-Sm-143



MAT 6222

MT= 77 (n,n') Level  
Legendre Coefficients

62-Sm-143



127

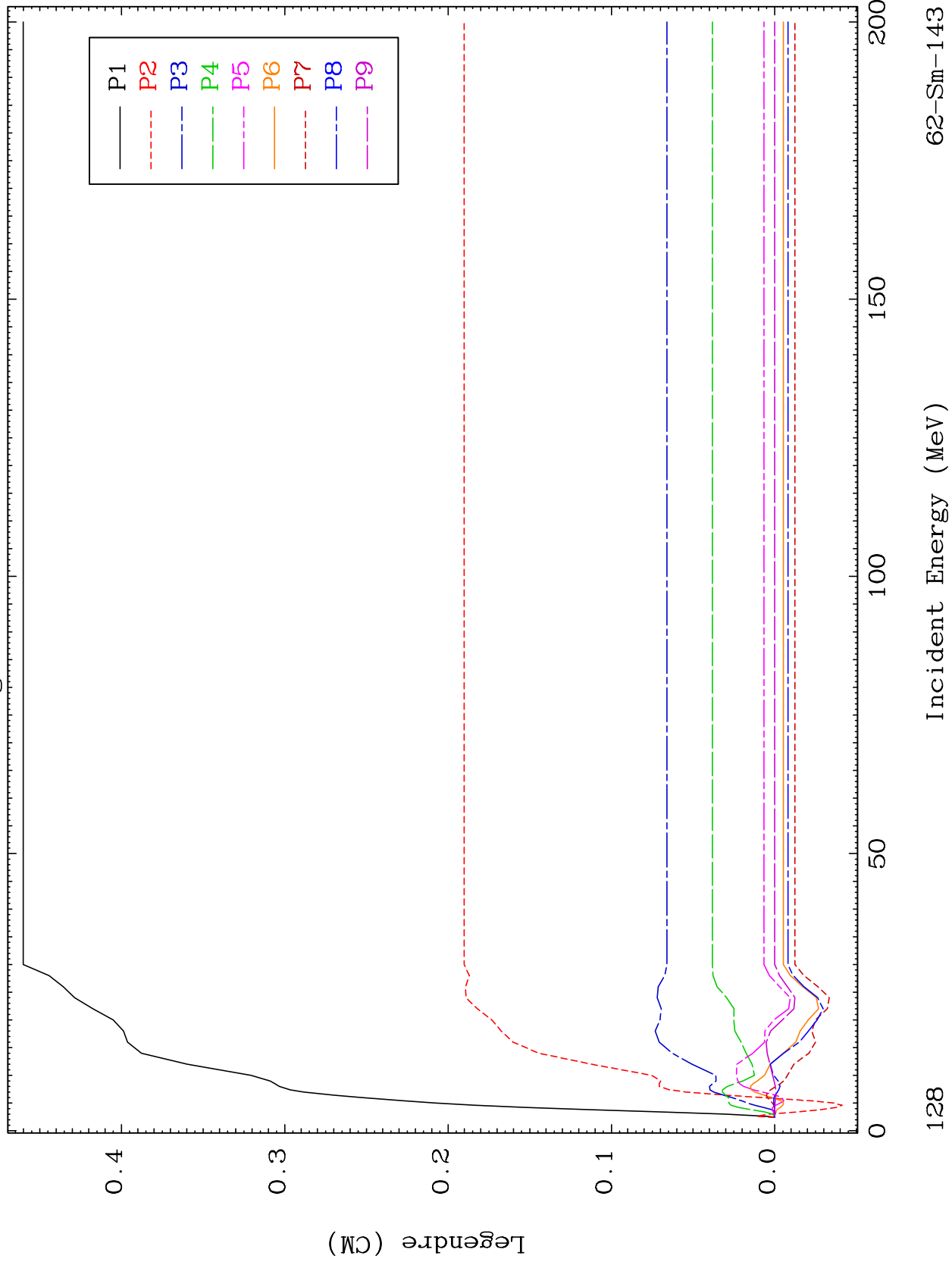
Incident Energy (MeV)

62-Sm-143

MAT 6222

MT= 78 (n,n') Level  
Legendre Coefficients

62-Sm-143



62-Sm-143

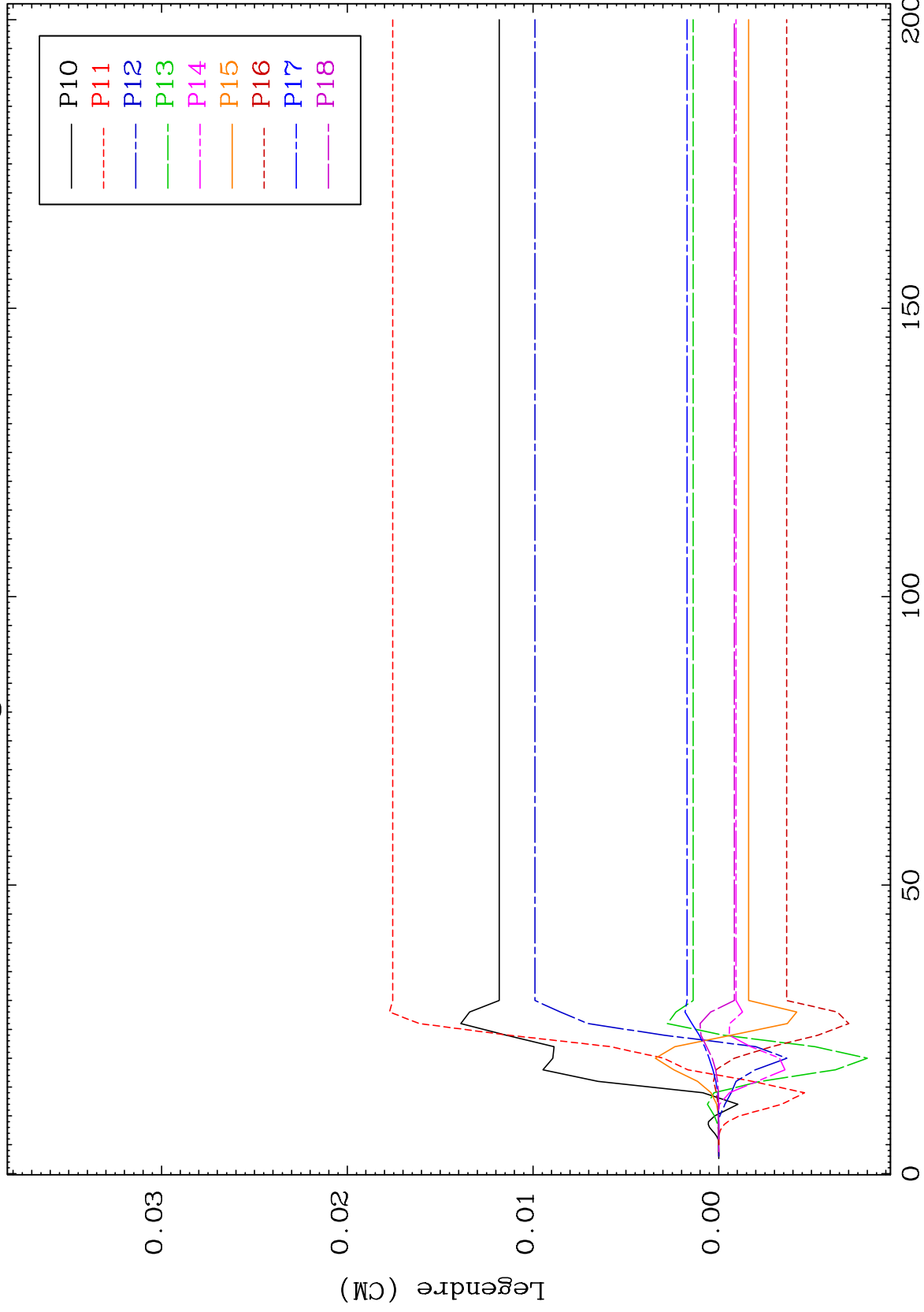
Incident Energy (MeV)

128

MAT 6222

MT= 78 (n,n') Level  
Legendre Coefficients

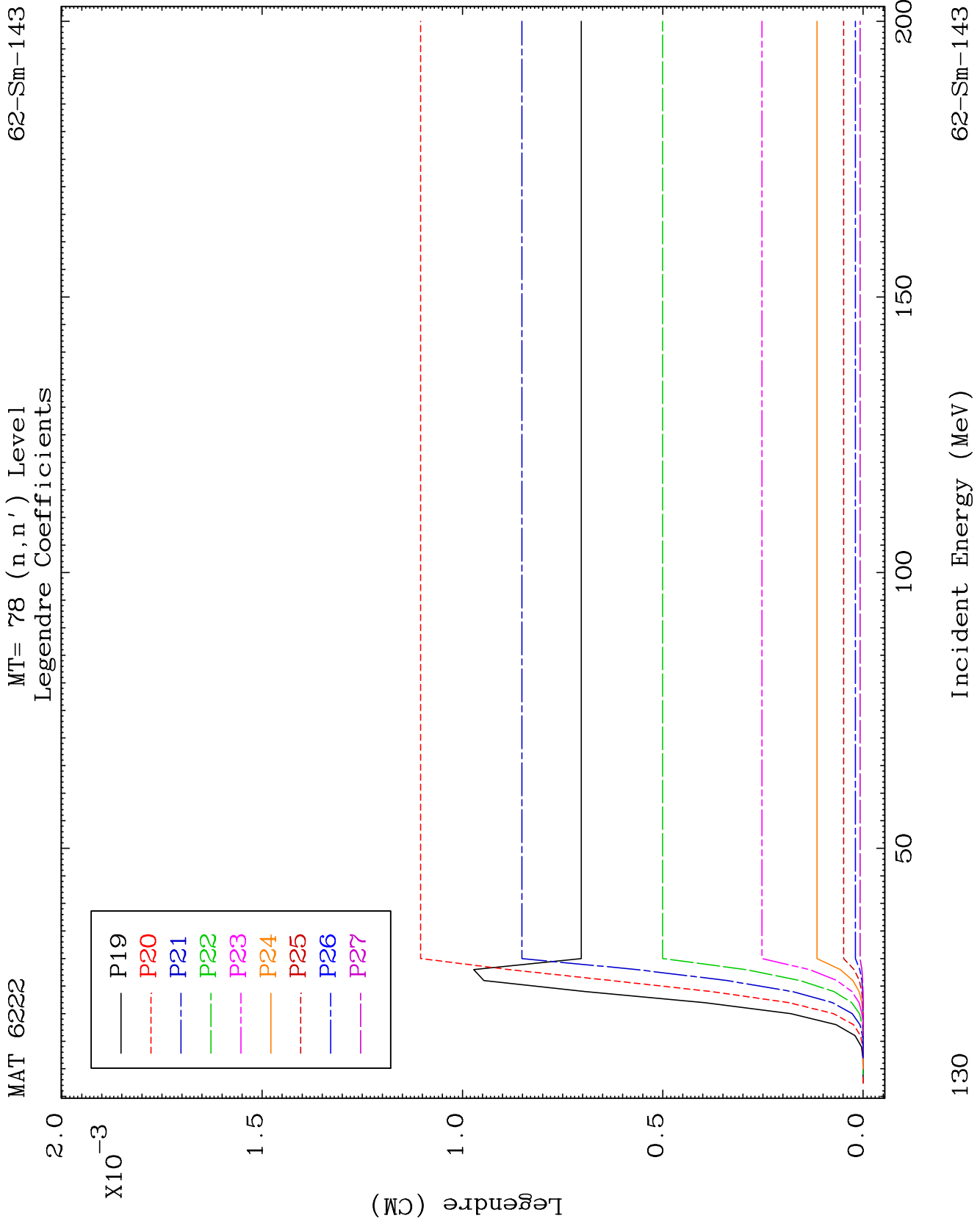
62-Sm-143



62-Sm-143

Incident Energy (MeV)

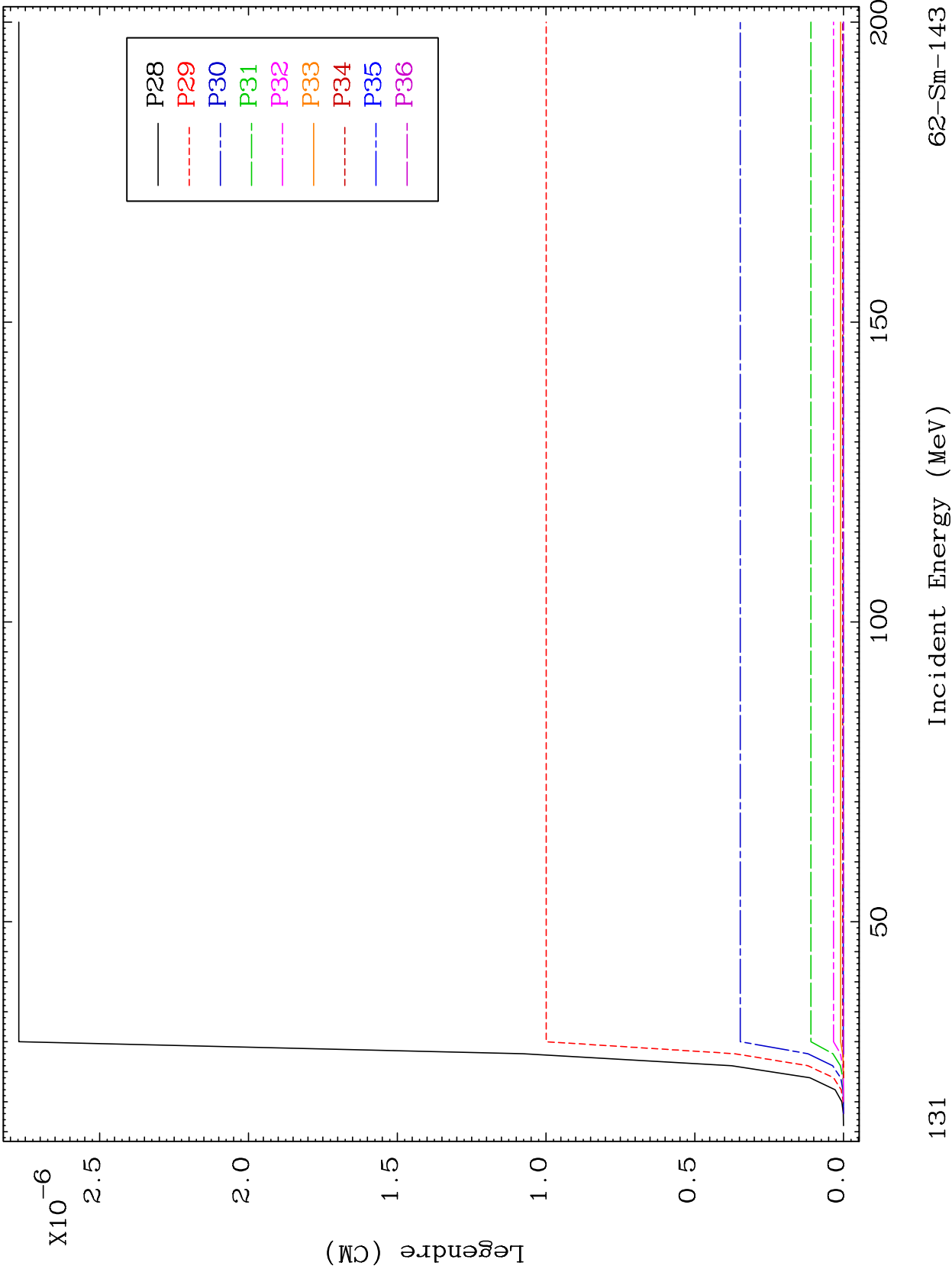
129



MAT 6222

MT= 78 (n,n') Level  
Legendre Coefficients

62-Sm-143



131

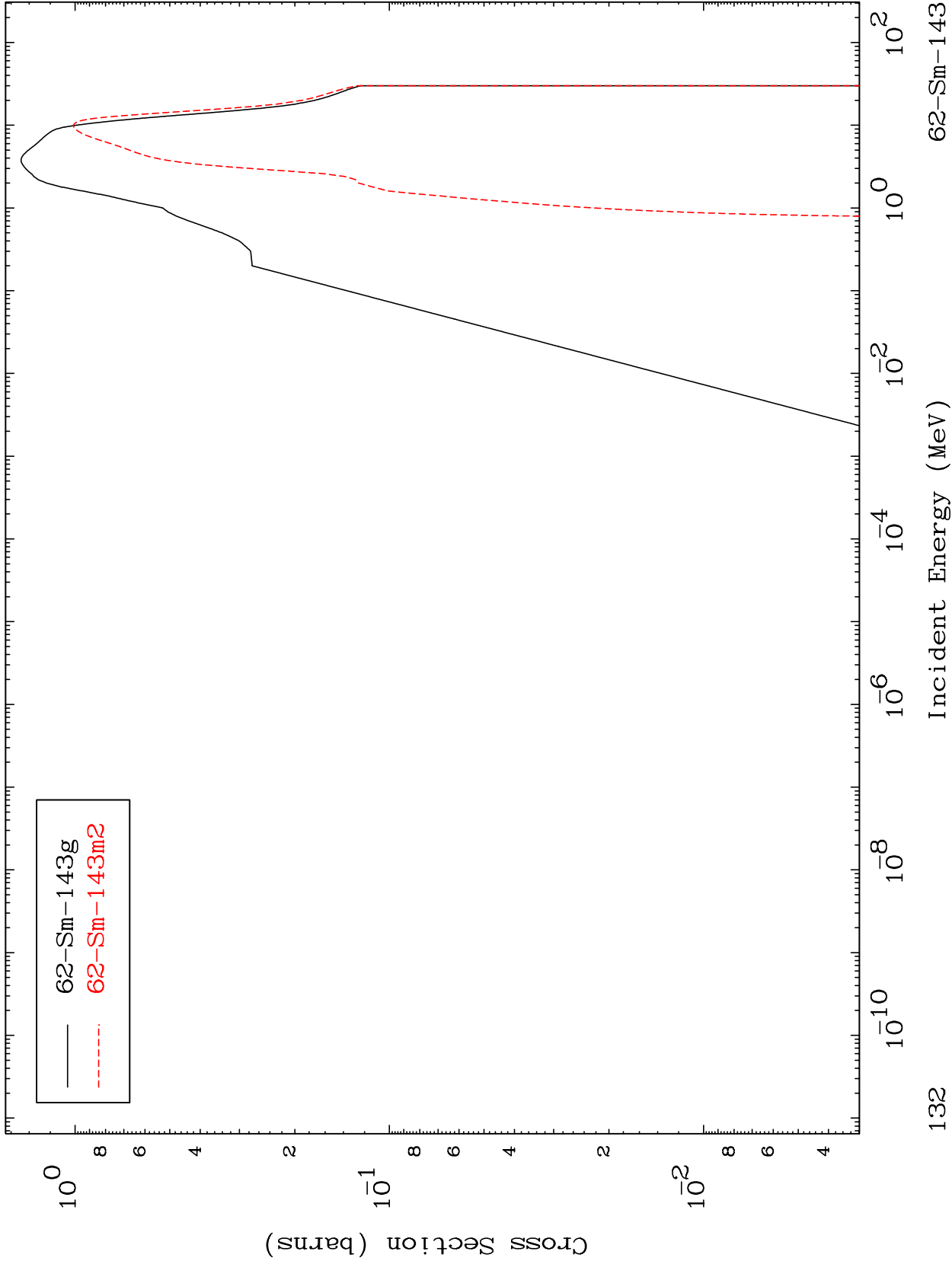
Incident Energy (MeV)

62-Sm-143

MAT 6222

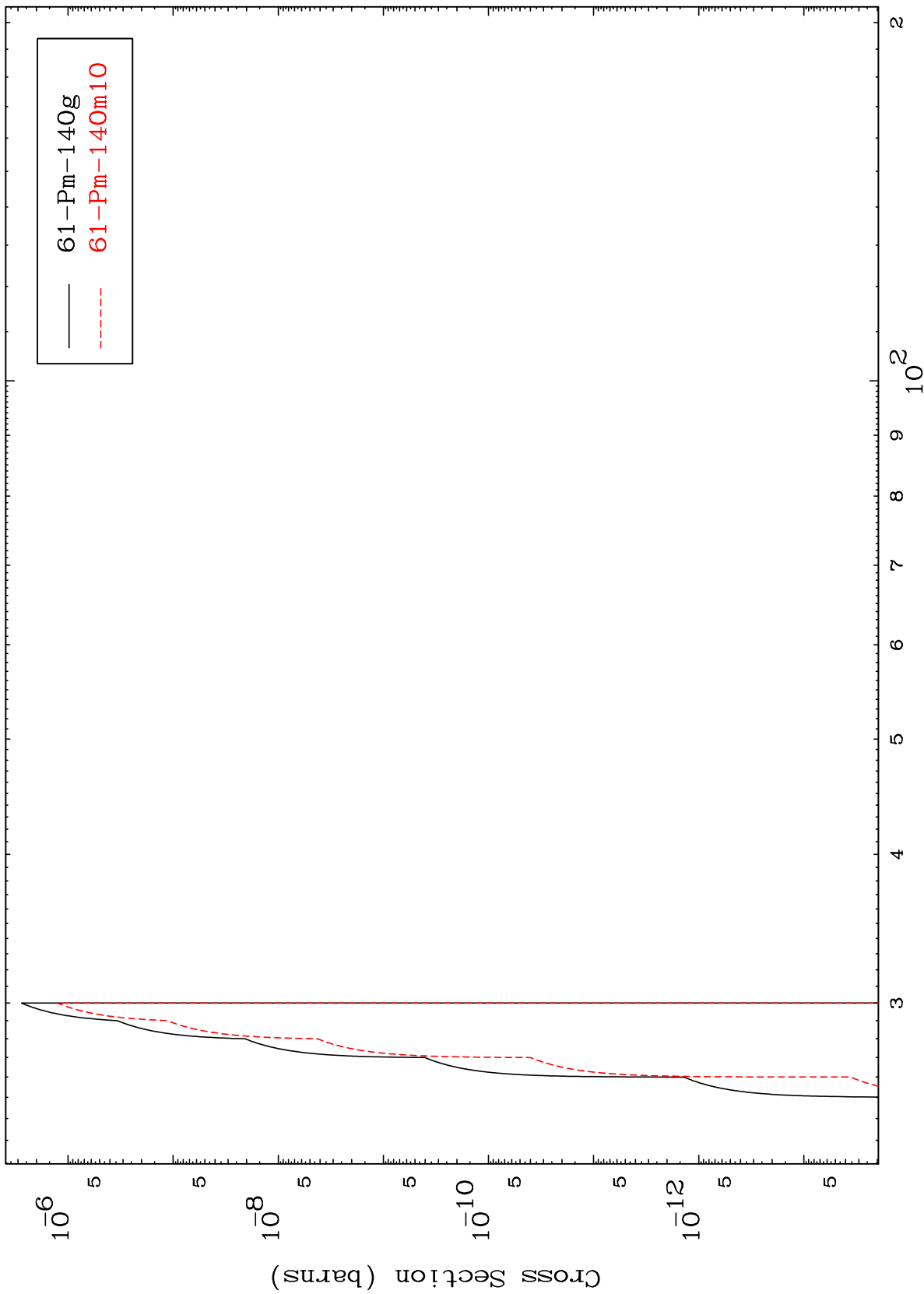
Inelastic  
Radionuclide Production Cross Section

62-Sm-143



62-Sm-143

Radionuclide Production Cross Section

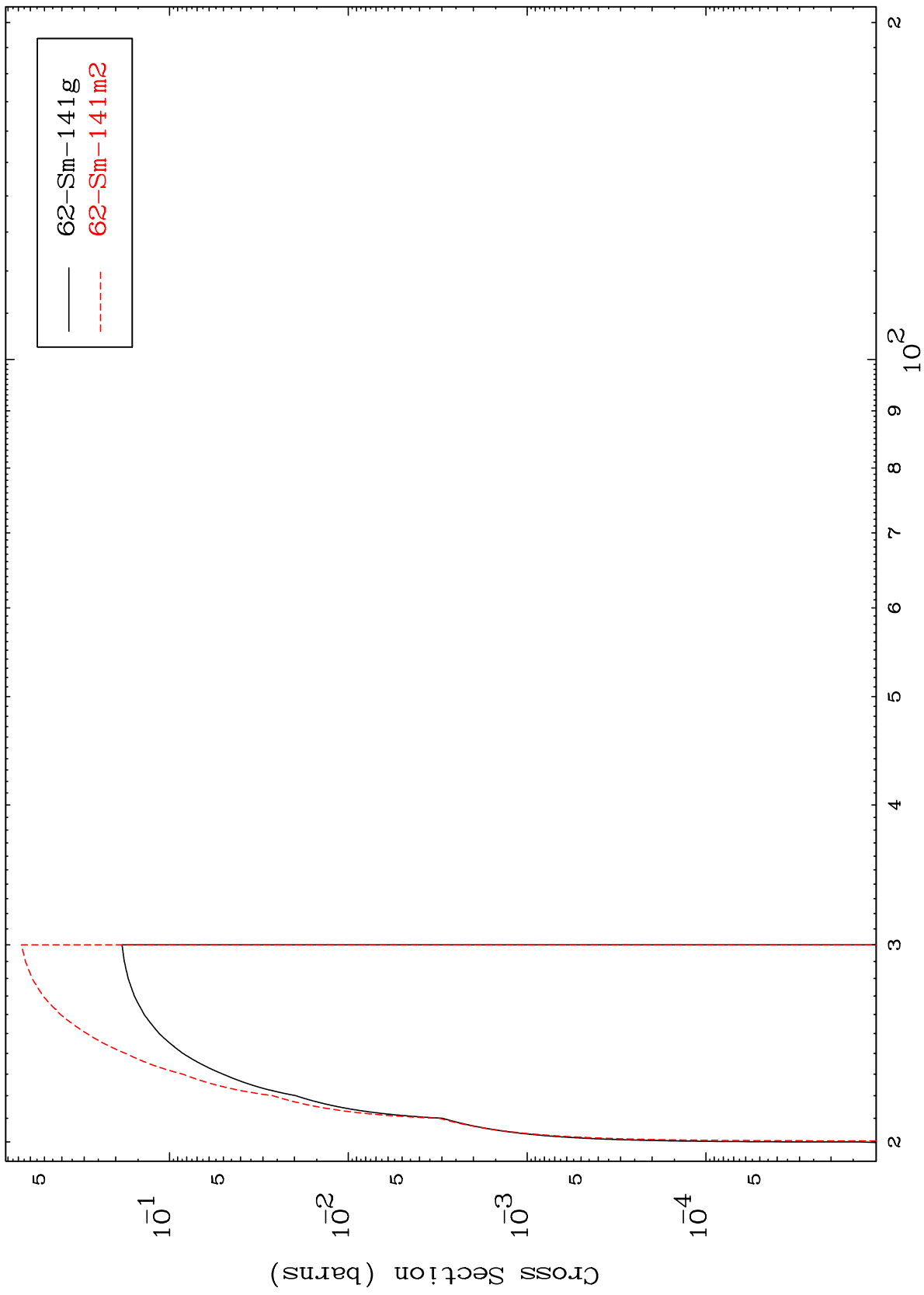


61-Pm-140g  
61-Pm-140m10

MAT 6222

62-Sm-143

(n,3n)  
Radionuclide Production Cross Section



134

Incident Energy (MeV)

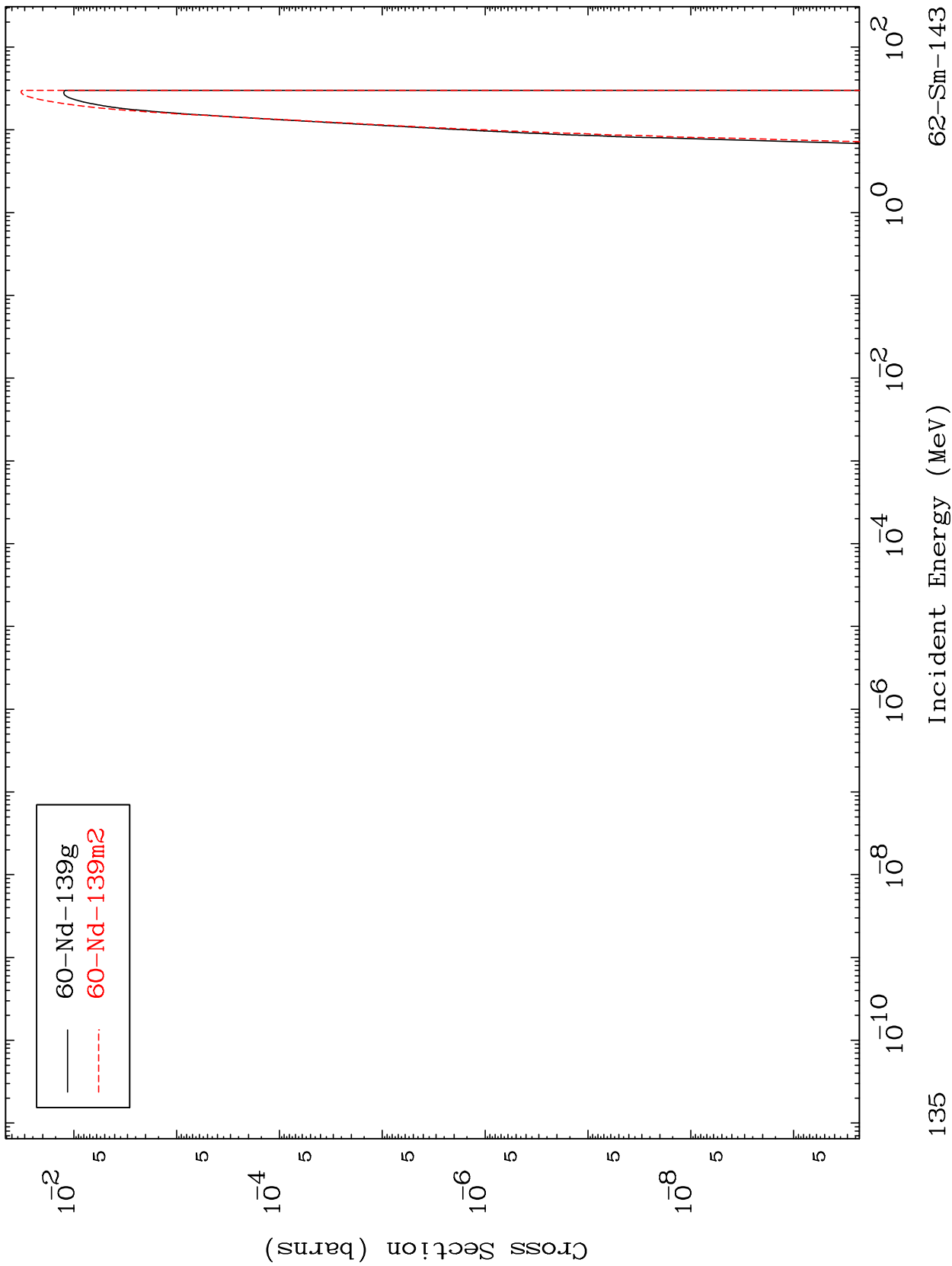
62-Sm-143

MAT 6222

$(n, n') \alpha$

62-Sm-143

Radionuclide Production Cross Section



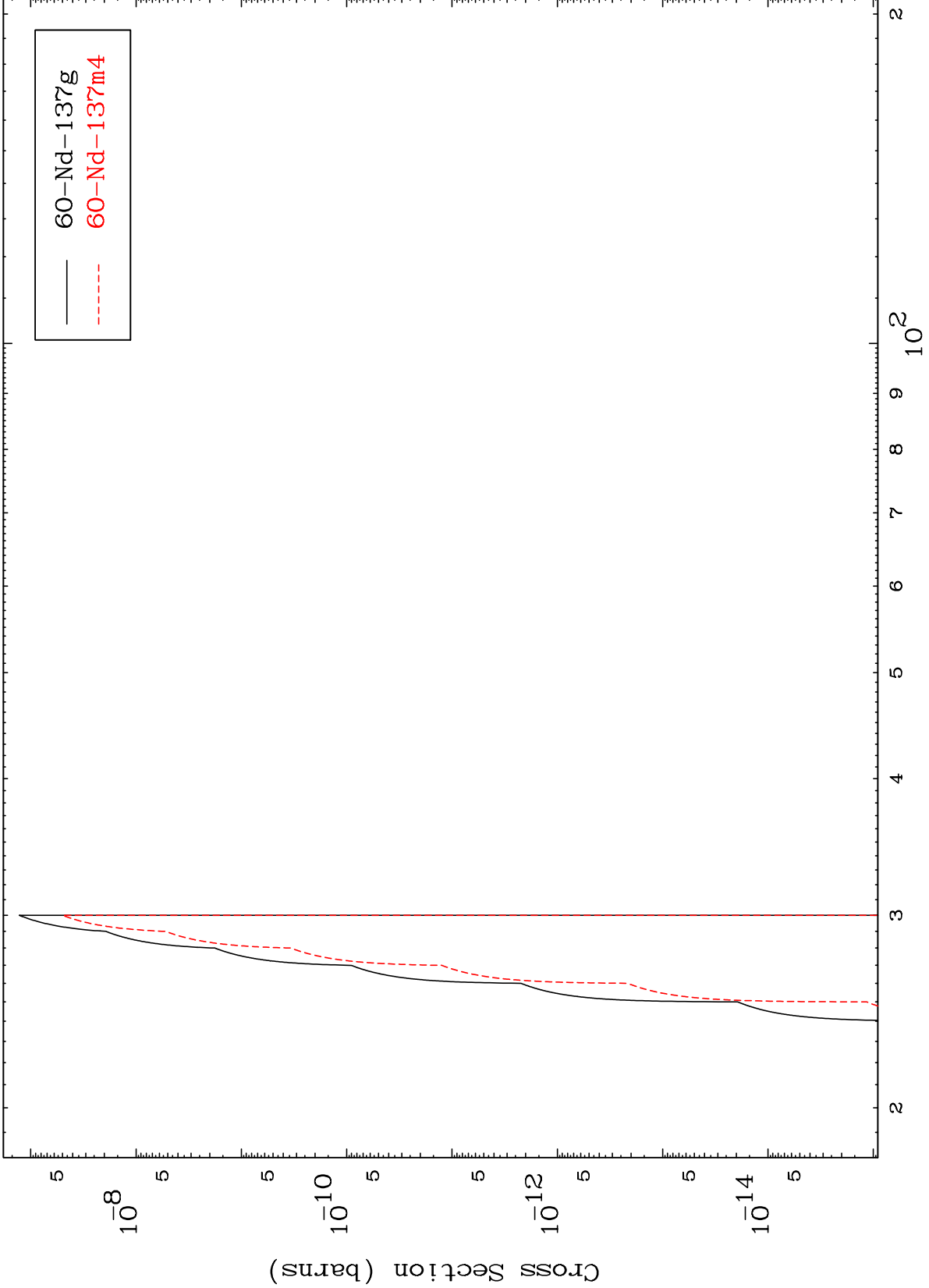
60-Nd-139g  
60-Nd-139m2

MAT 6222

$(n,3n) \alpha$

62-Sm-143

Radionuclide Production Cross Section



136

Incident Energy (MeV)

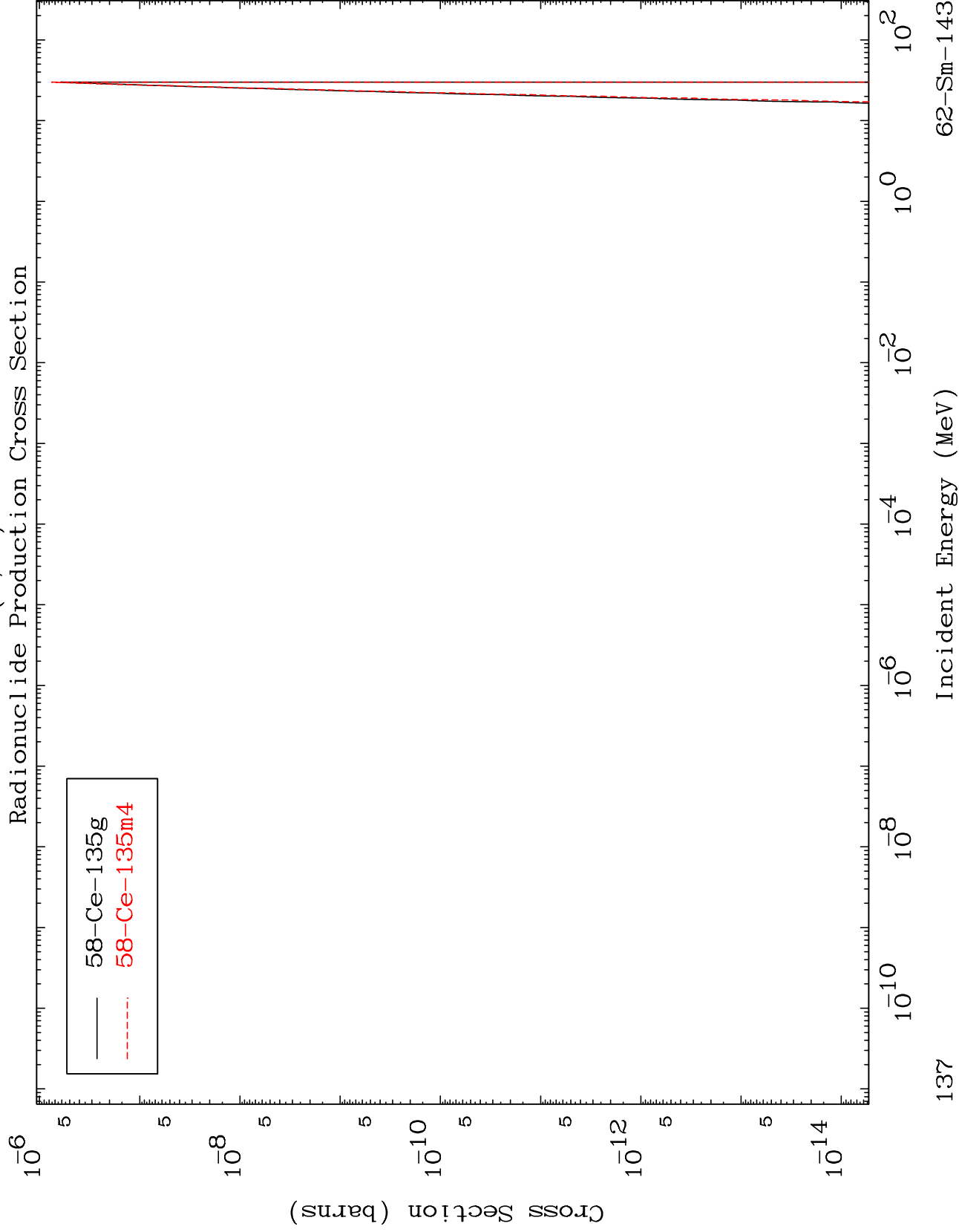
62-Sm-143

MAT 6222

(n,n') 2α

62-Sm-143

Radionuclide Production Cross Section

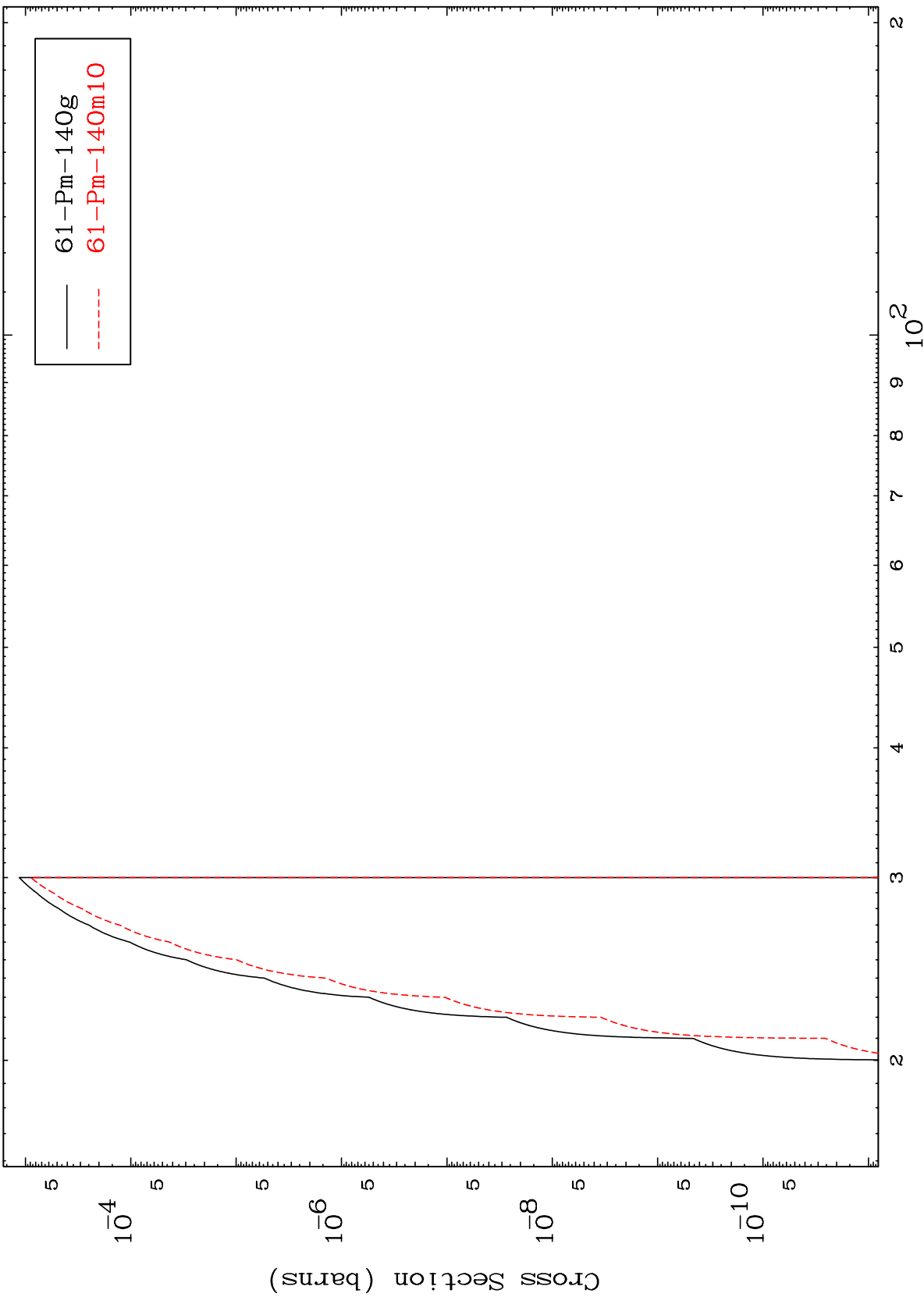


137

Incident Energy (MeV)

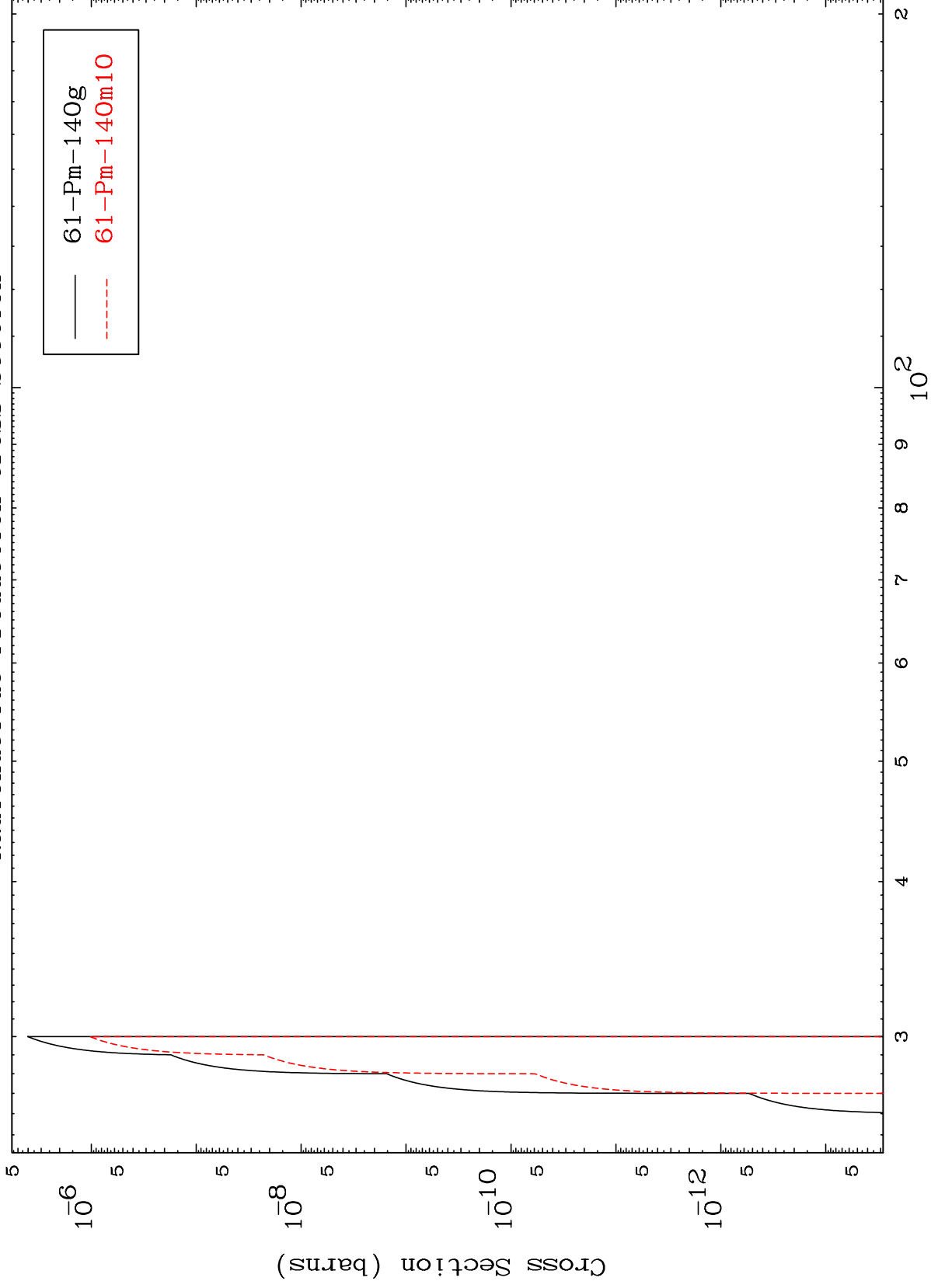
62-Sm-143

Radionuclide Production Cross Section



61-Pm-140g  
61-Pm-140m10

Radionuclide Production Cross Section

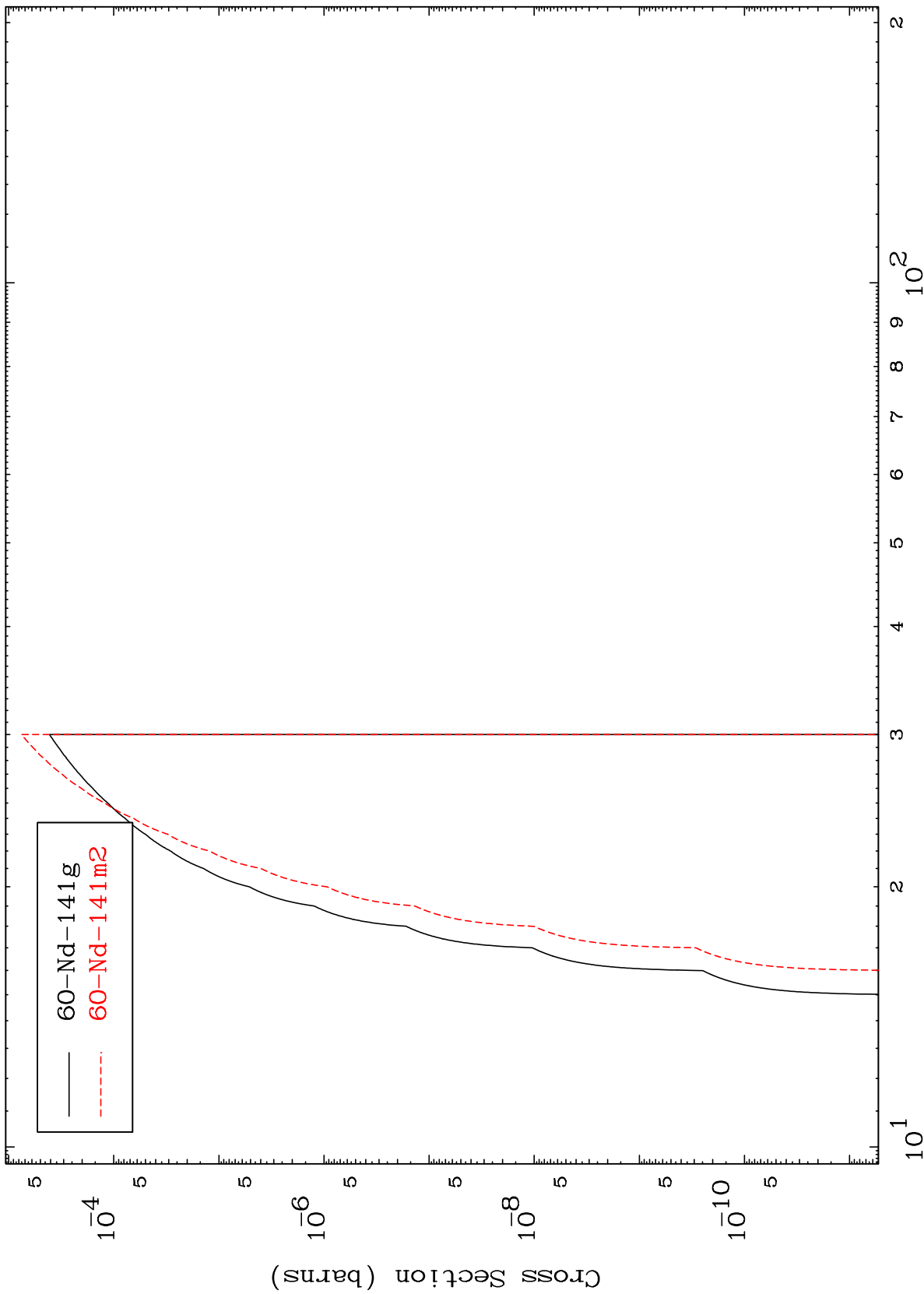


MAT 6222

(n,2n) p

62-Sm-143

Radionuclide Production Cross Section



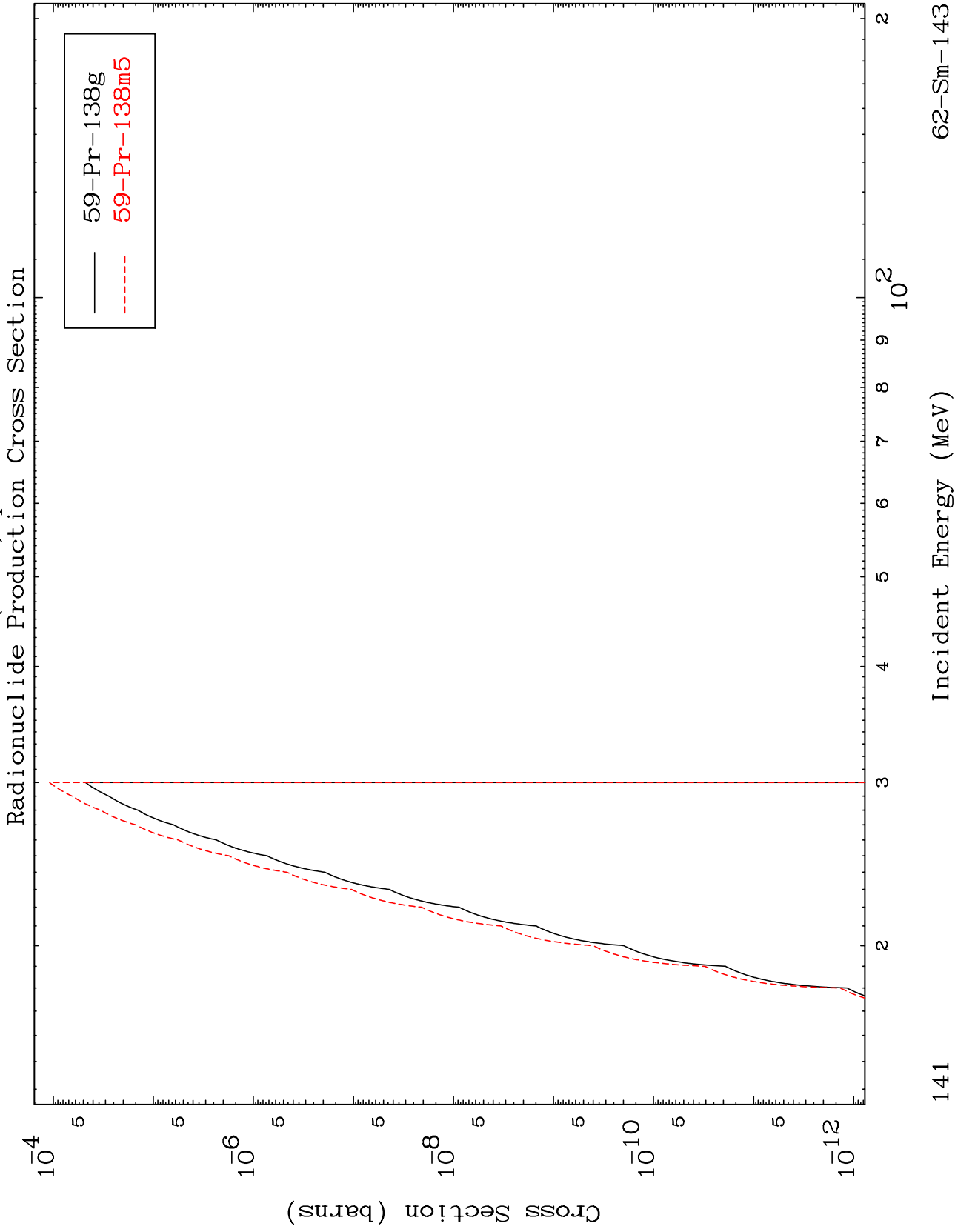
Incident Energy (MeV)

62-Sm-143

MAT 6222

(n,n') p  $\alpha$

62-Sm-143



141

Incident Energy (MeV)

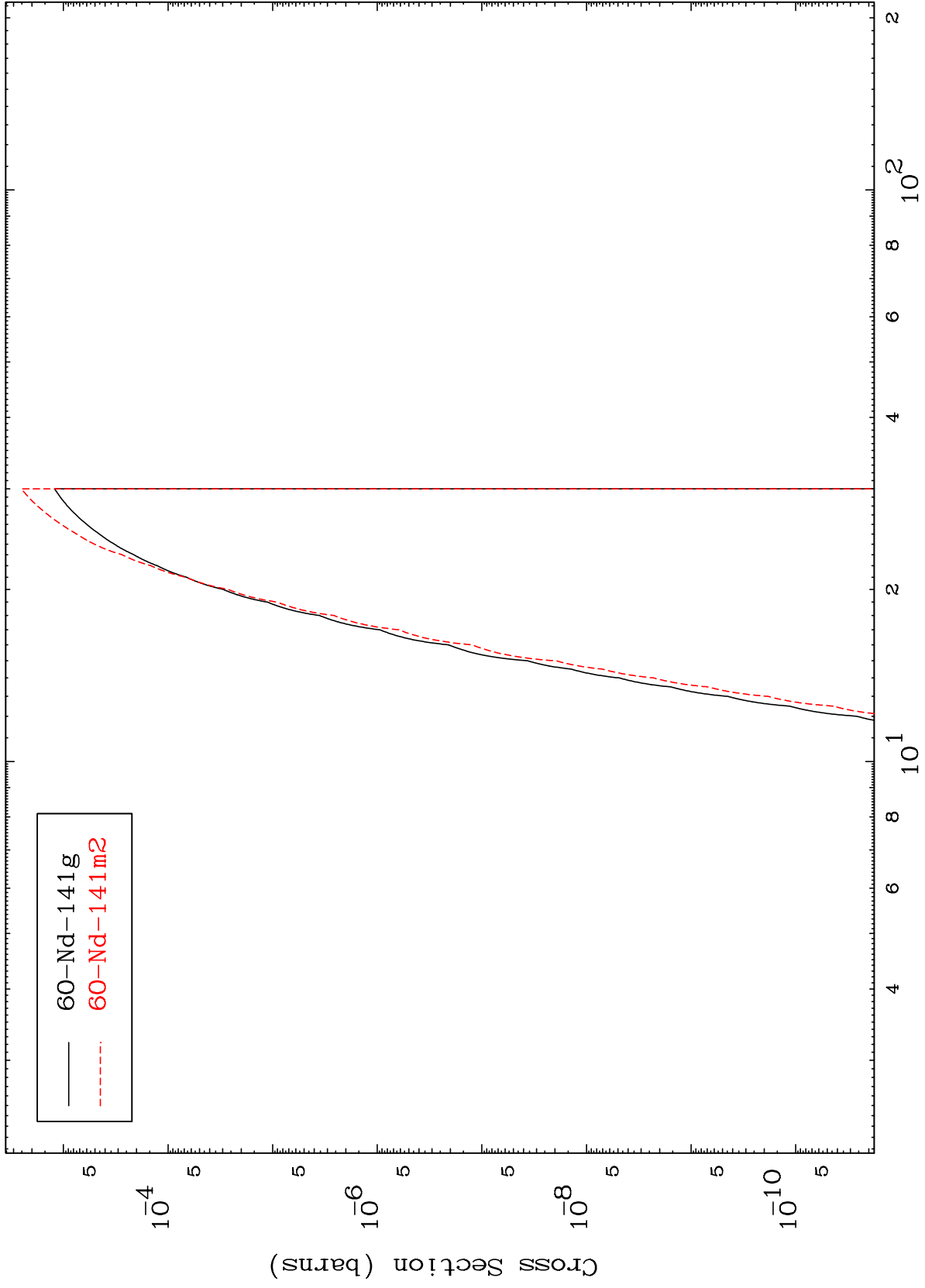
62-Sm-143

MAT 6222

(n,He-3)

62-Sm-143

Radionuclide Production Cross Section



142

Incident Energy (MeV)

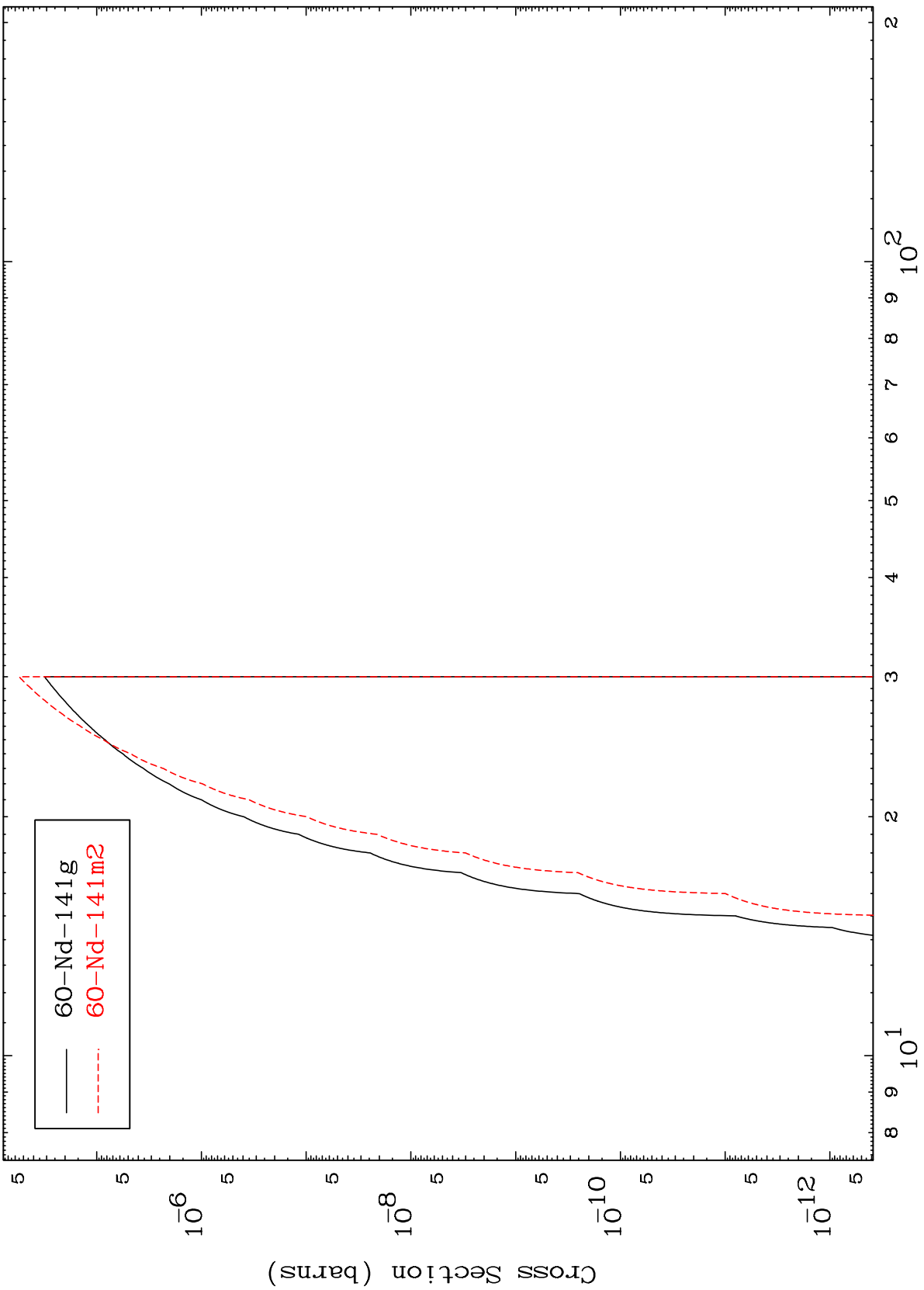
62-Sm-143

MAT 6222

(n,p) d

62-Sm-143

Radionuclide Production Cross Section



60-Nd-141g  
60-Nd-141m2

143

Incident Energy (MeV)

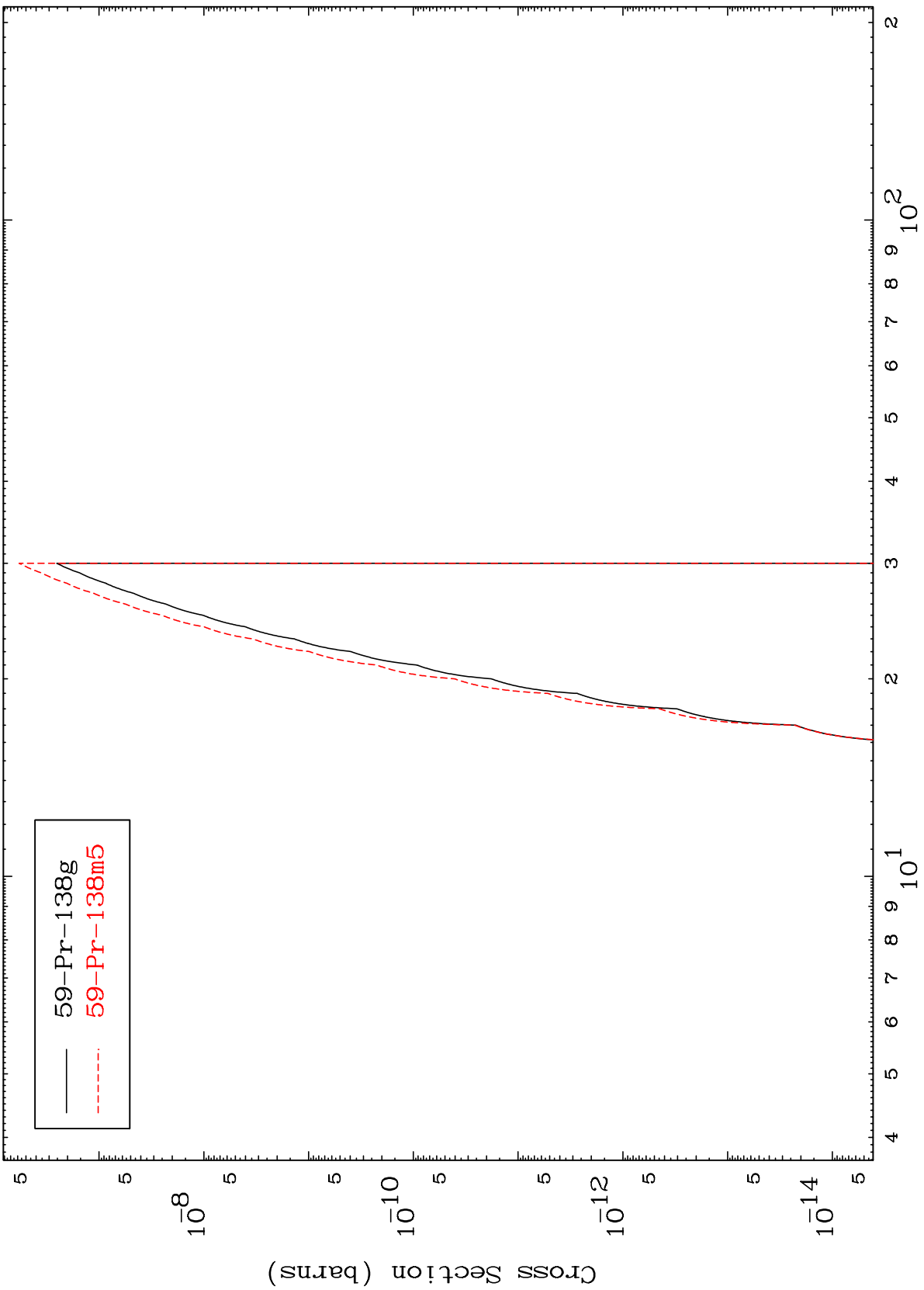
62-Sm-143

MAT 6222

(n,d)  $\alpha$

62-Sm-143

Radionuclide Production Cross Section



144

Incident Energy (MeV)

62-Sm-143