

Program EVALPLOT  
(Version 2021-1)

by

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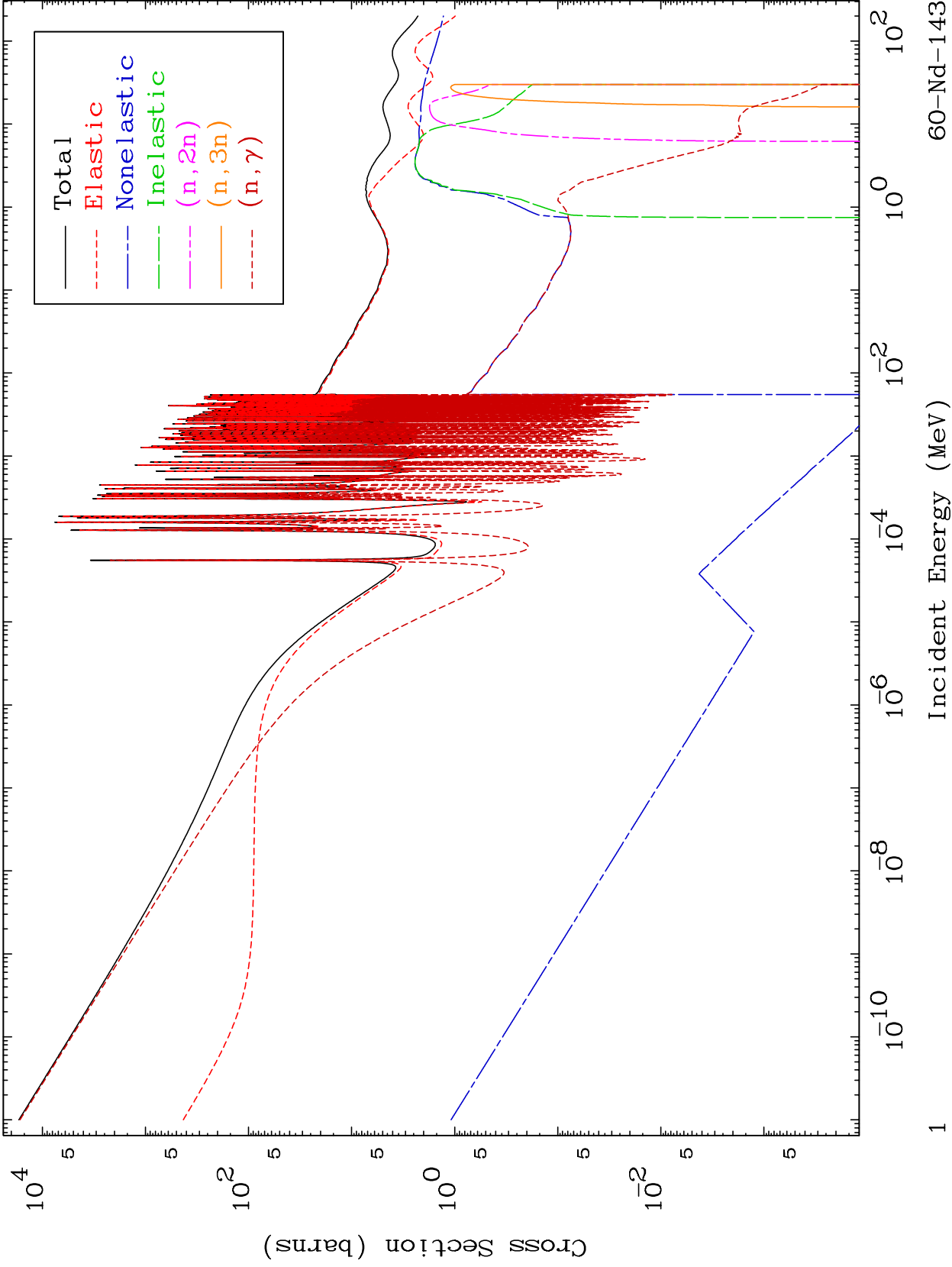
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6028

Neutron Major  
293 Kelvin Cross Sections

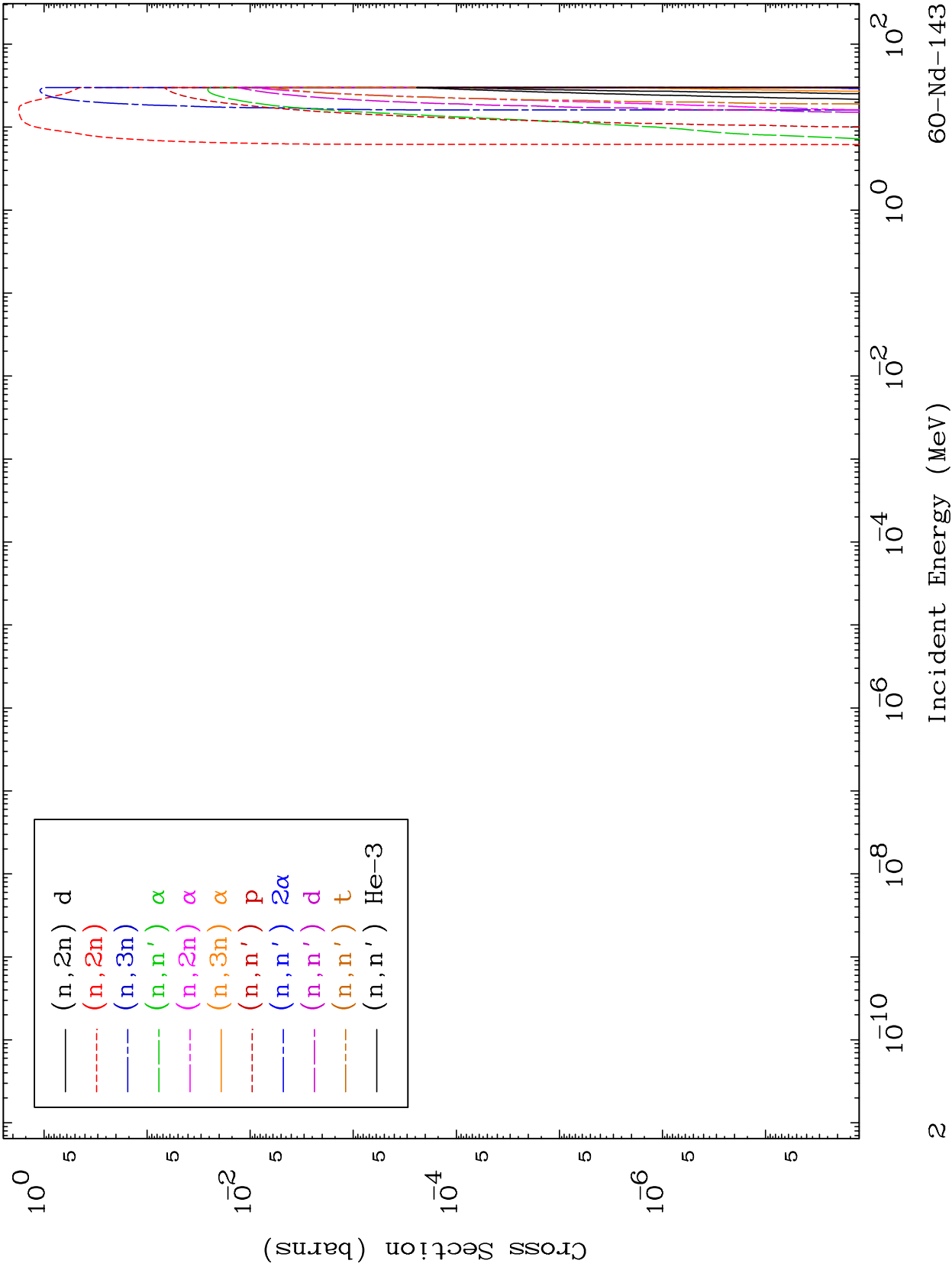
60-Nd-143



MAT 6028

Neutron Absorption  
293 Kelvin Cross Sections

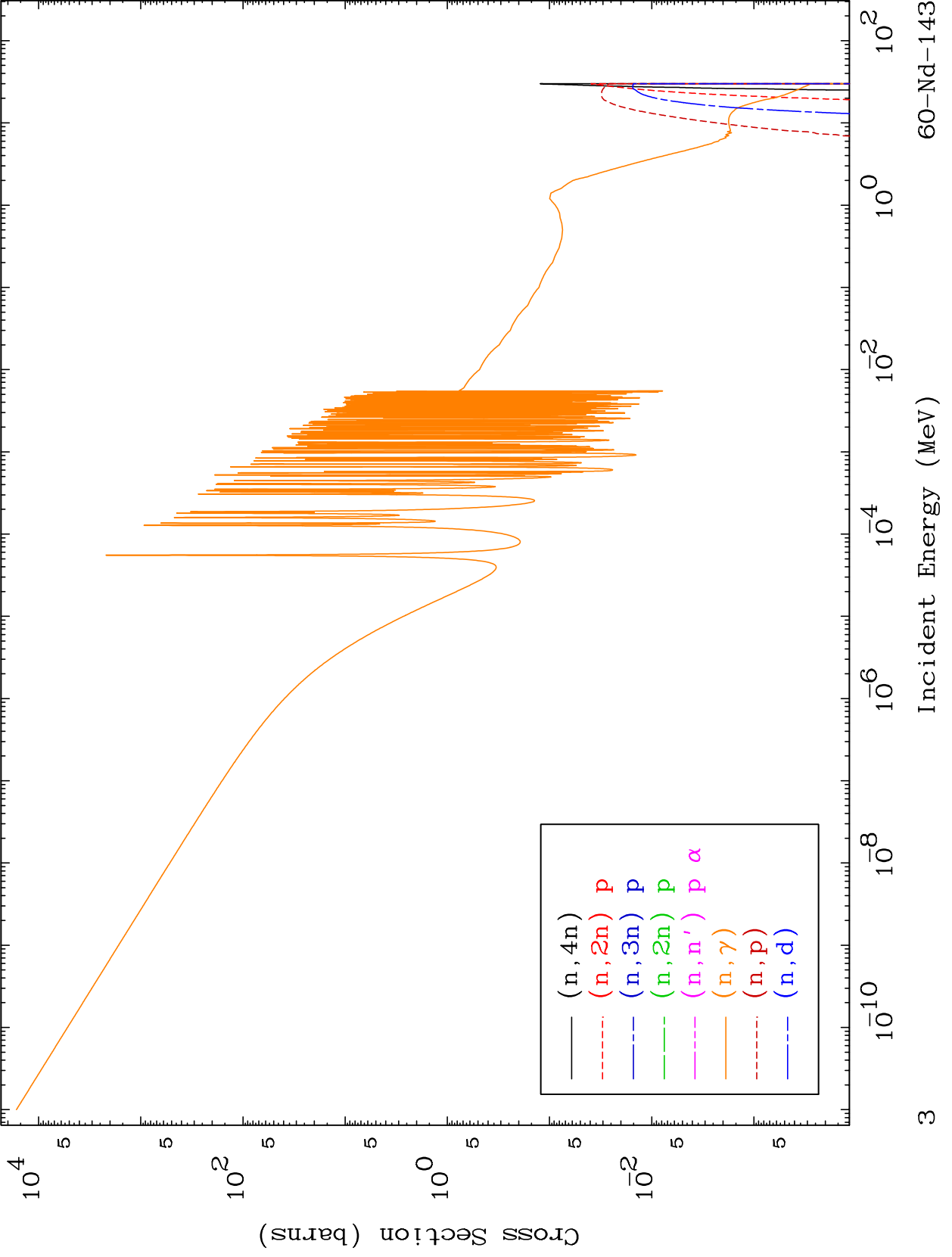
60-Nd-143

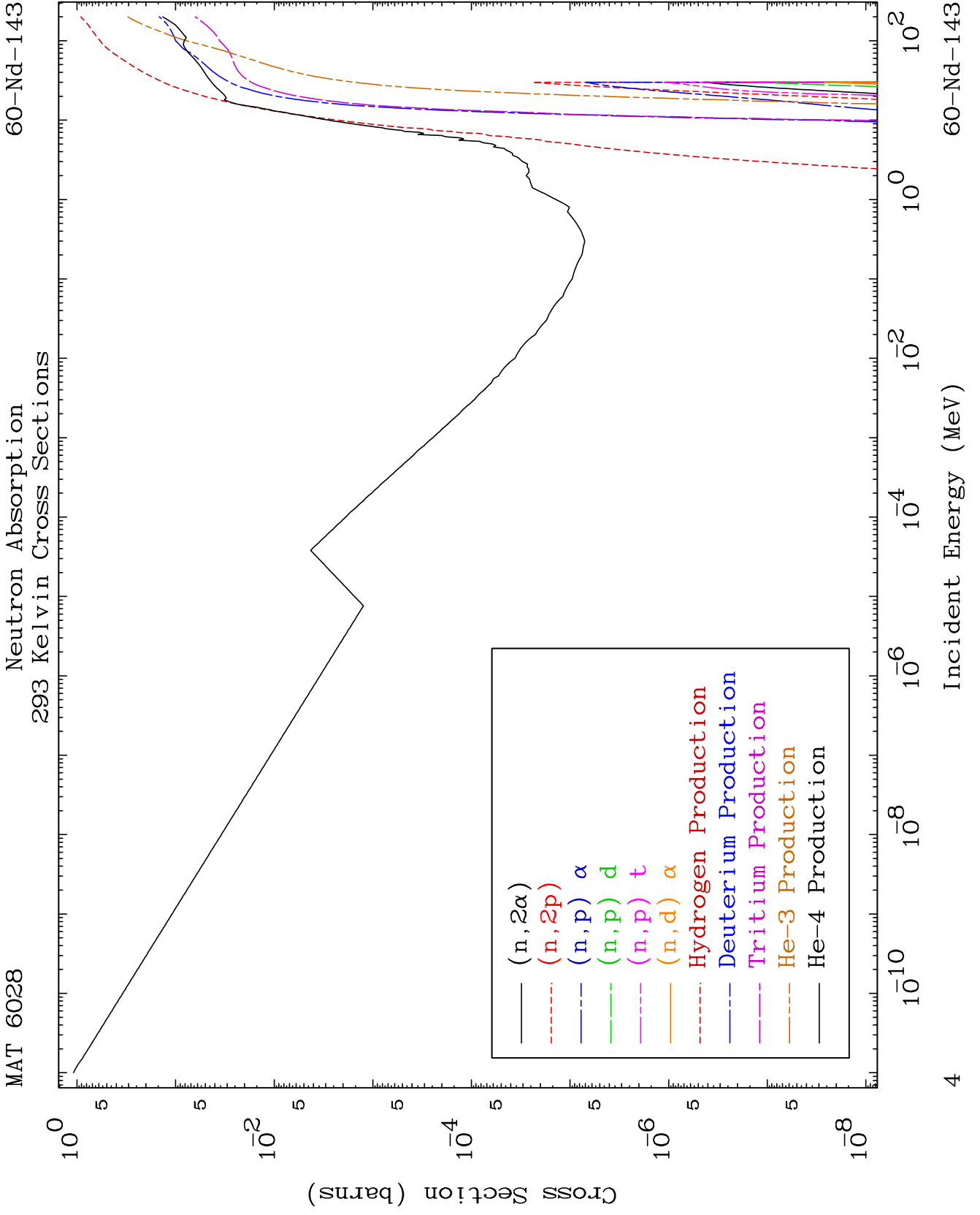


MAT 6028

Neutron Absorption  
293 Kelvin Cross Sections

60-Nd-143

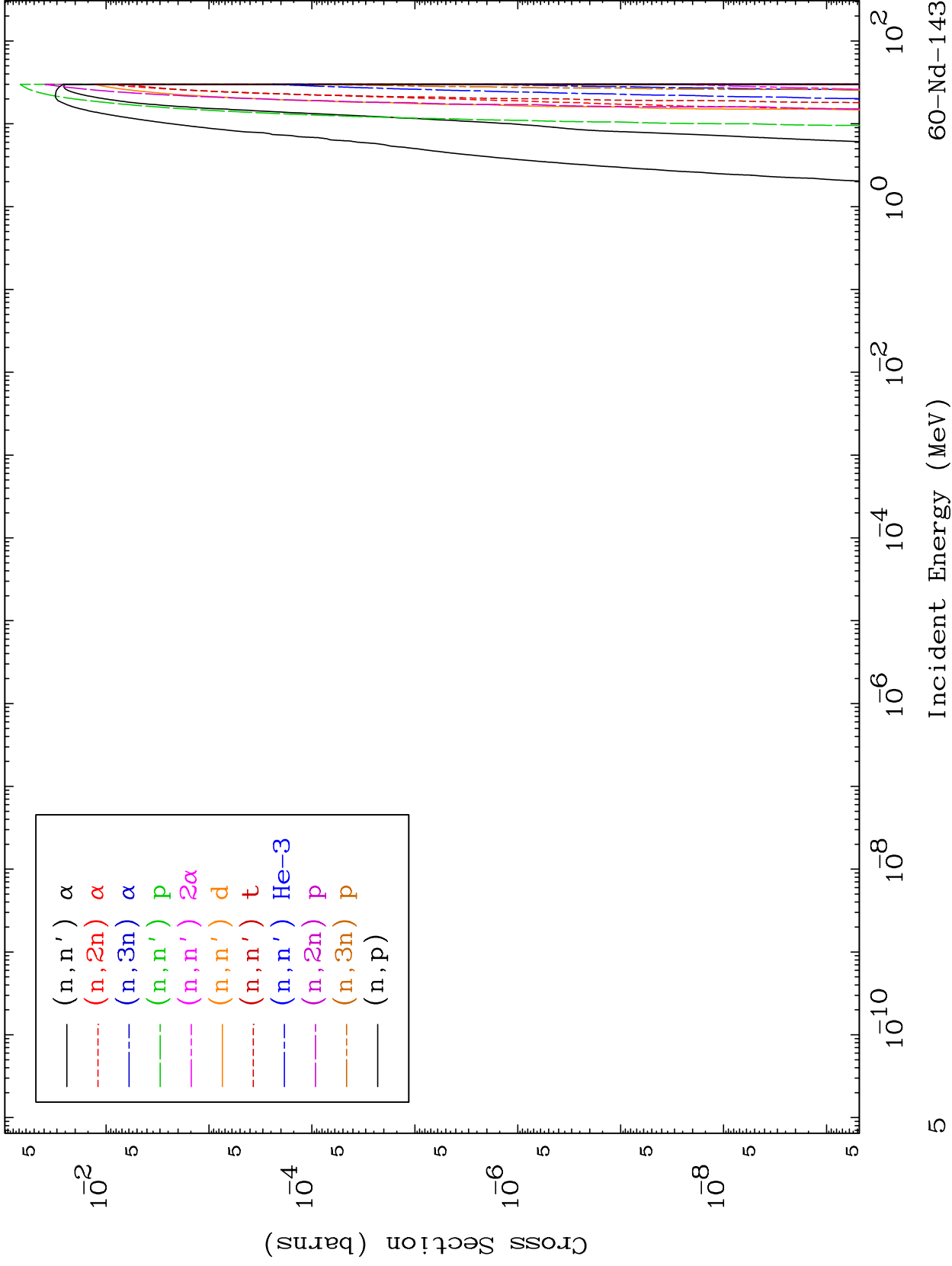




MAT 6028

Charged Particle  
293 Kelvin Cross Sections

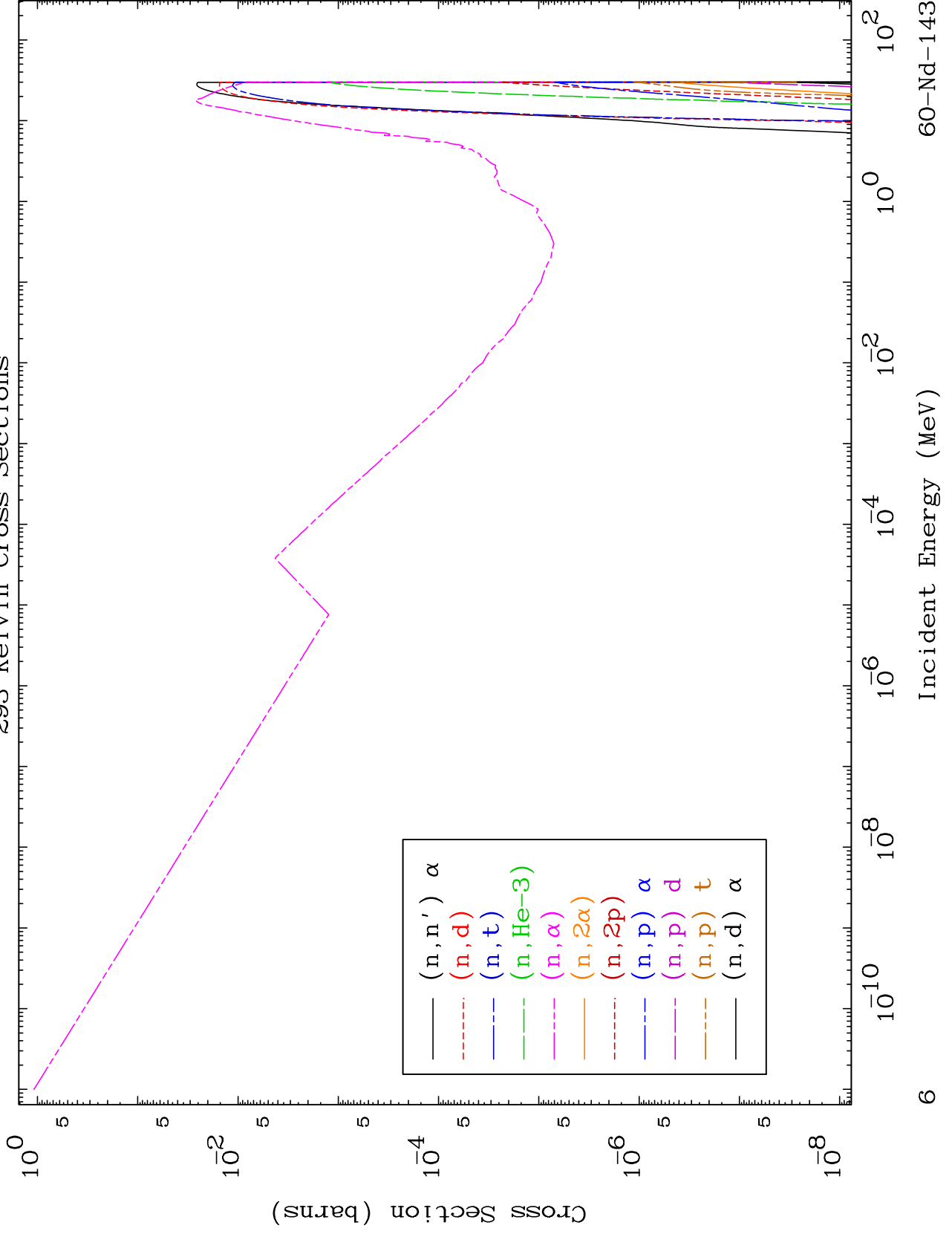
60-Nd-143



MAT 6028

Charged Particle  
293 Kelvin Cross Sections

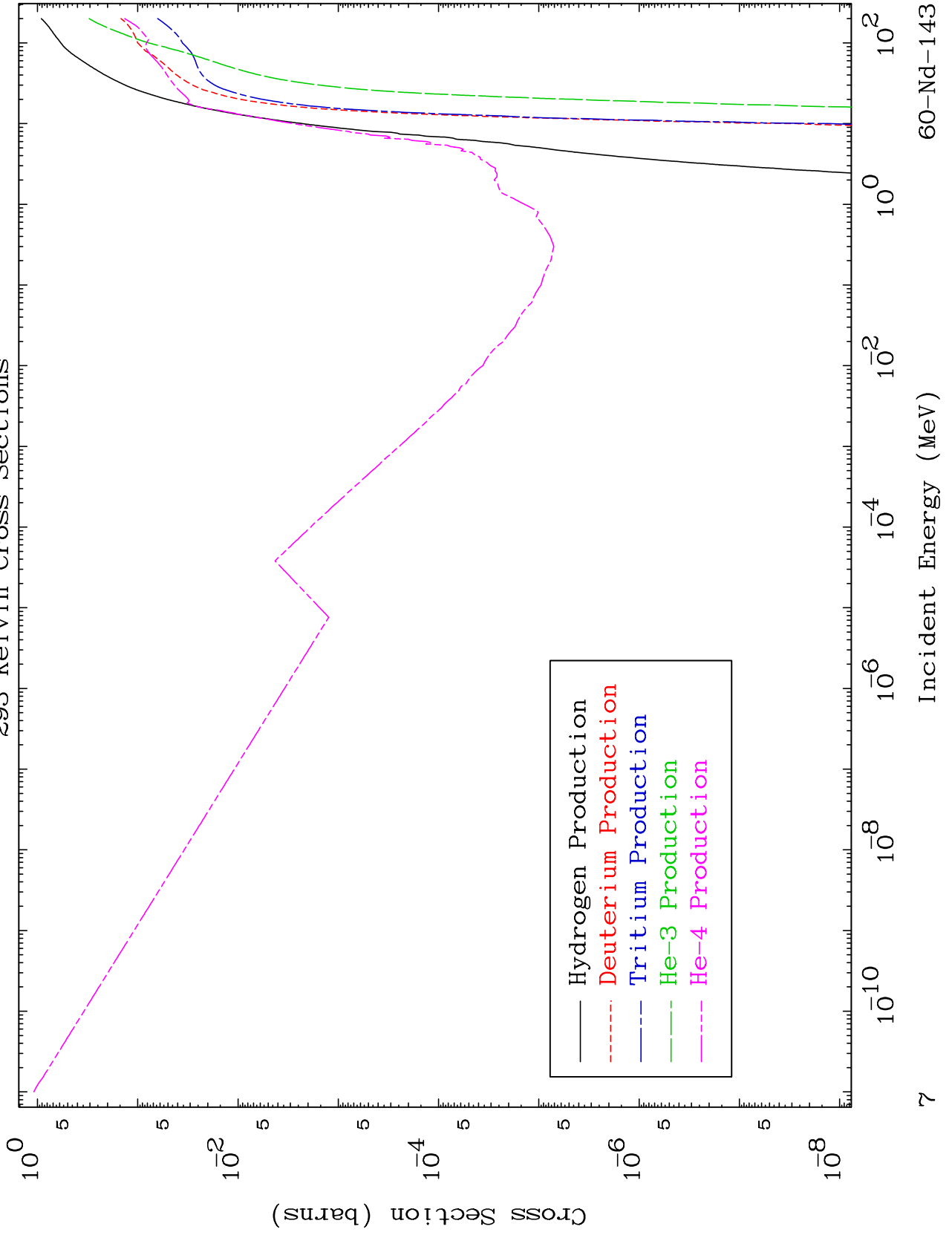
60-Nd-143



MAT 6028

Particle Production  
293 Kelvin Cross Sections

60-Nd-143



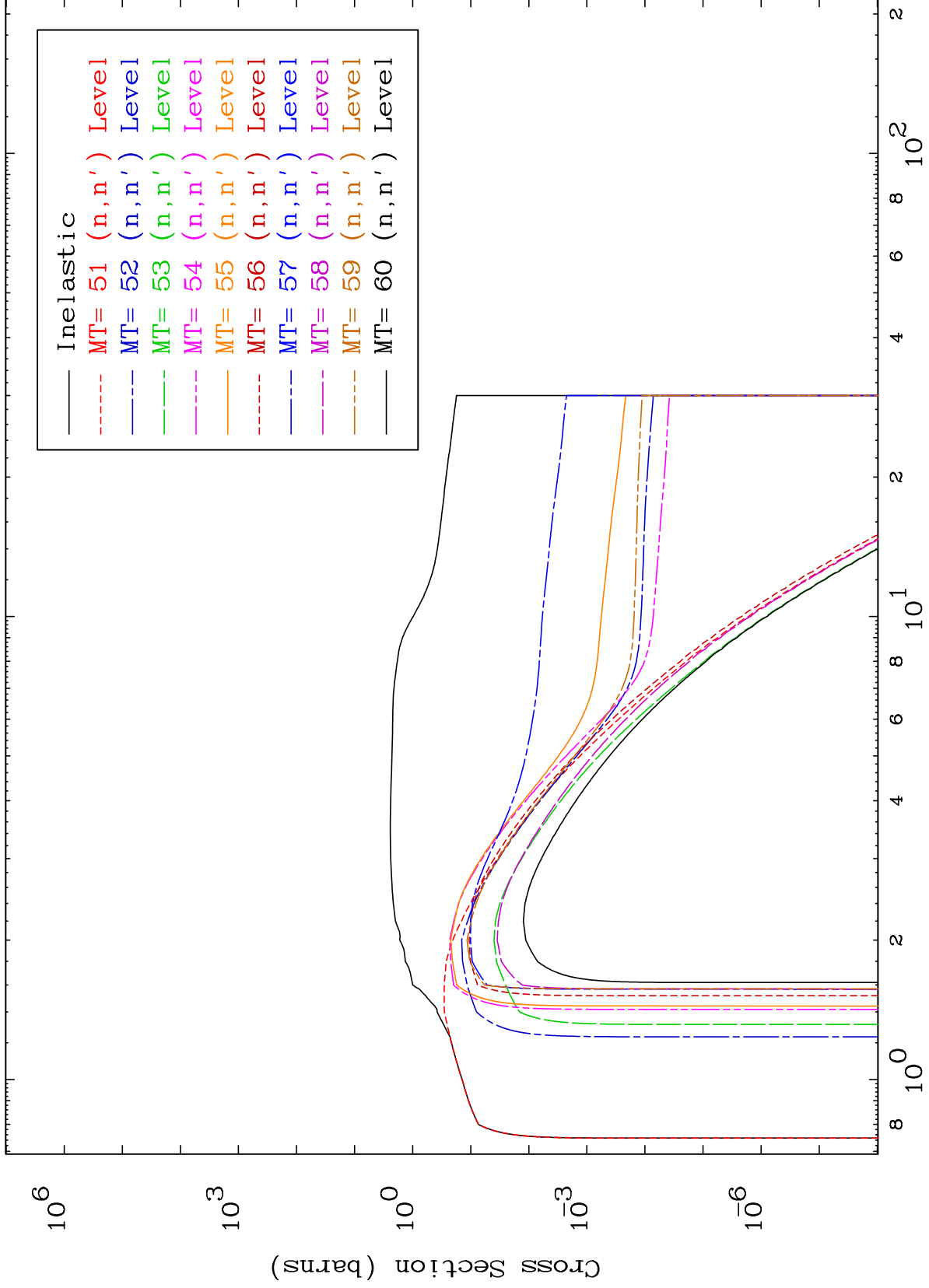


MAT 6028

(n,n') Levels

60-Nd-143

293 Kelvin Cross Sections



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Incident Energy (MeV)

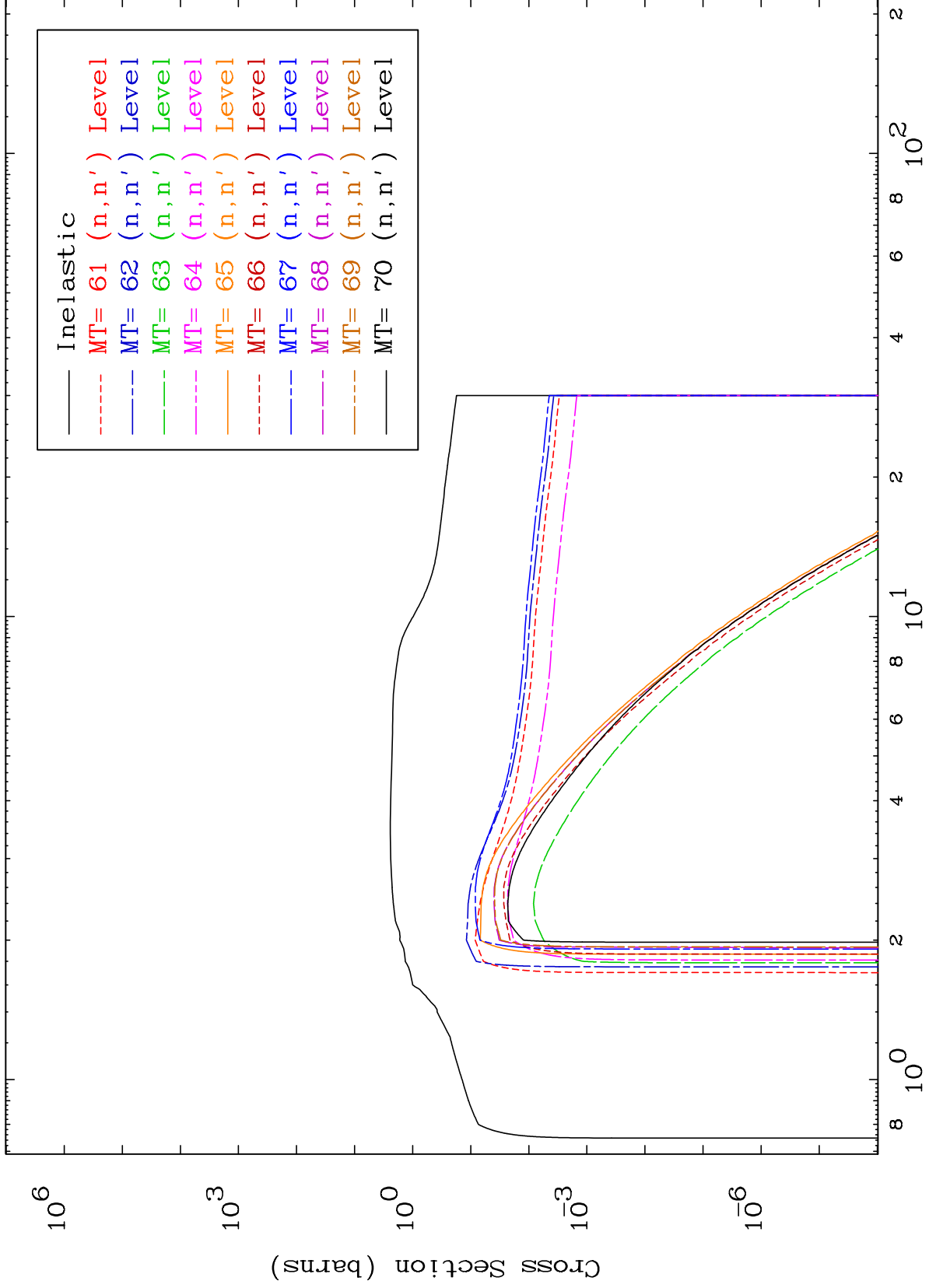
60-Nd-143

MAT 6028

(n,n') Levels

60-Nd-143

293 Kelvin Cross Sections



9

Incident Energy (MeV)

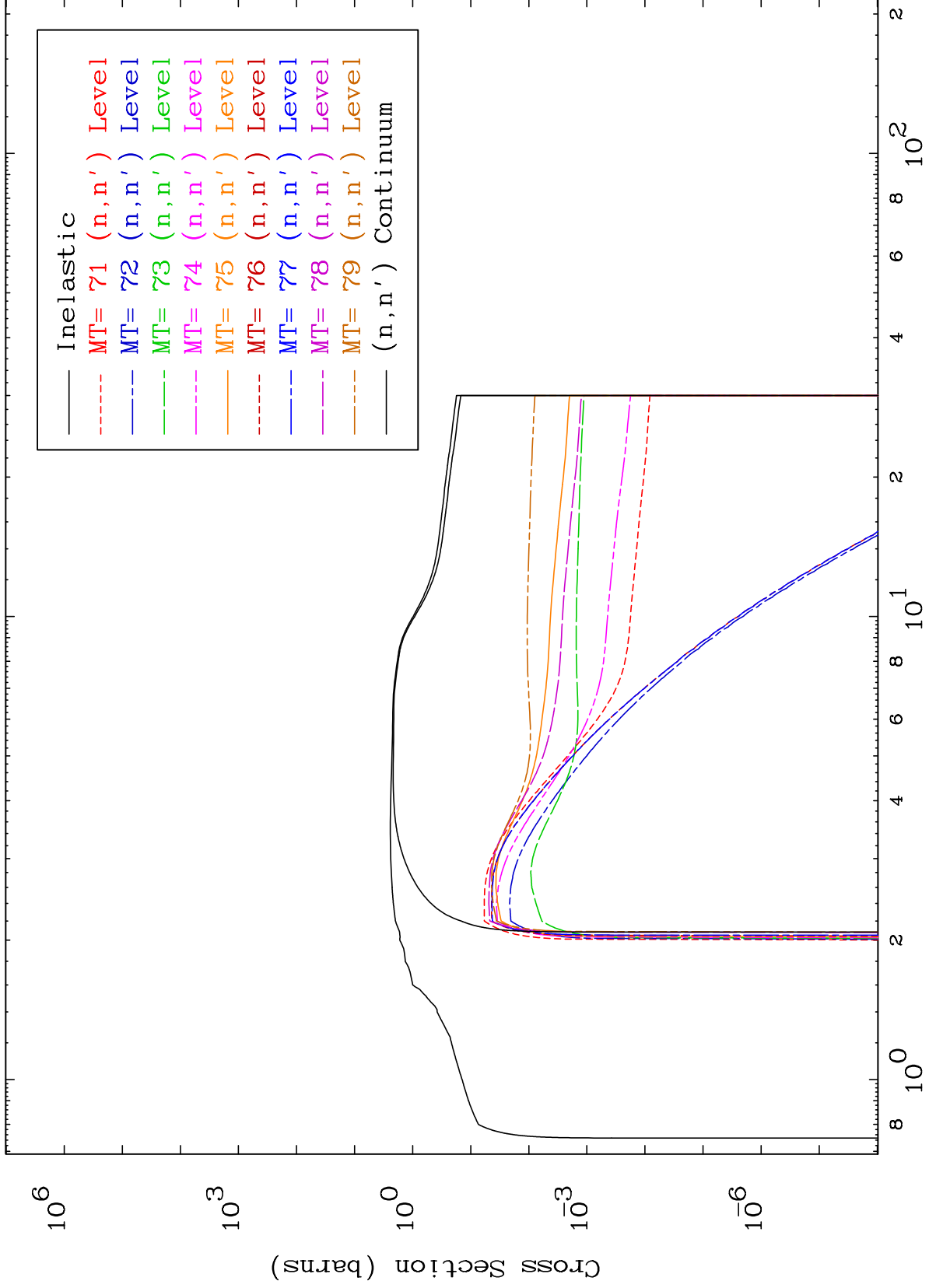
60-Nd-143

MAT 6028

(n,n') Levels

60-Nd-143

293 Kelvin Cross Sections



10

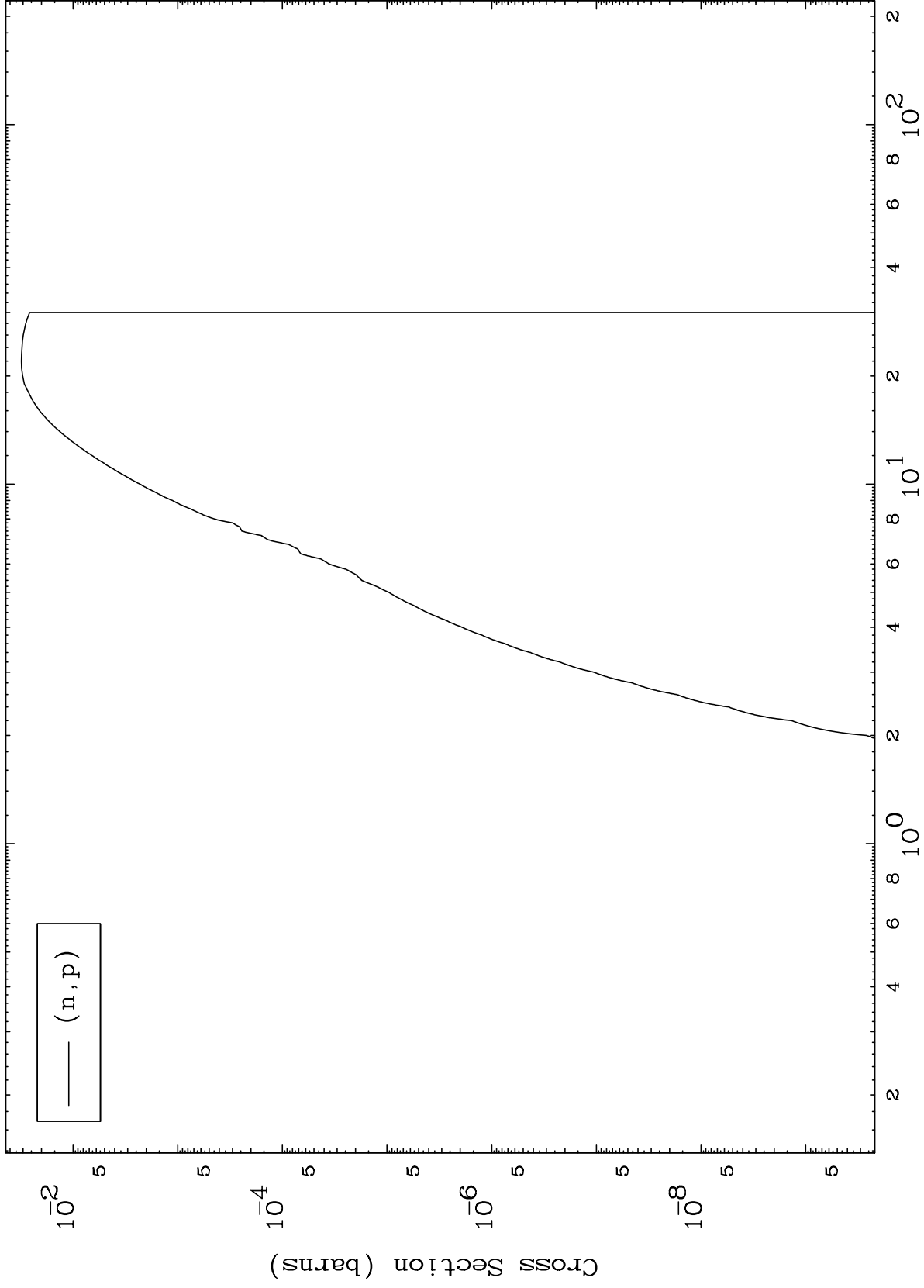
Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,p) Levels  
293 Kelvin Cross Sections

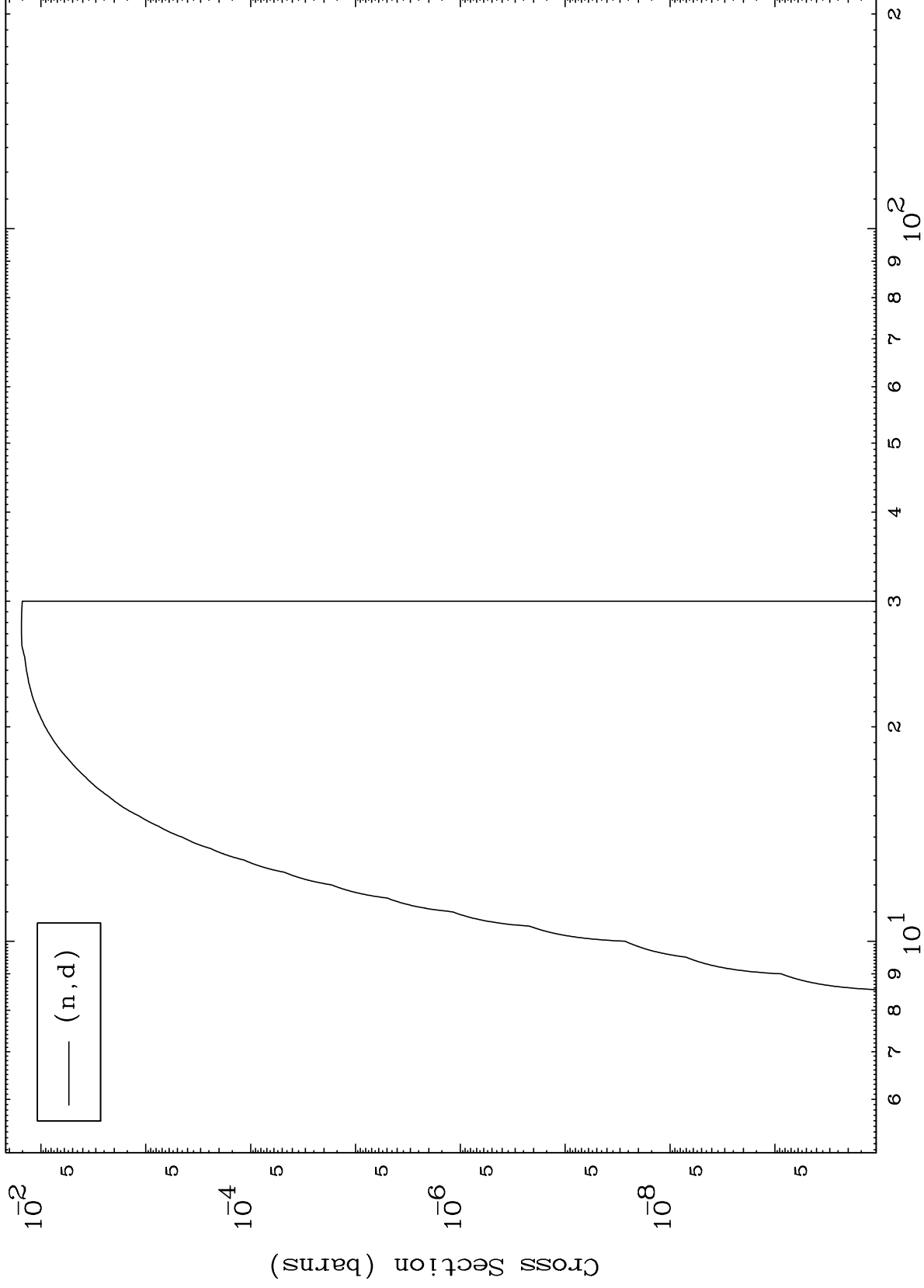
60-Nd-143



MAT 6028

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-143



12

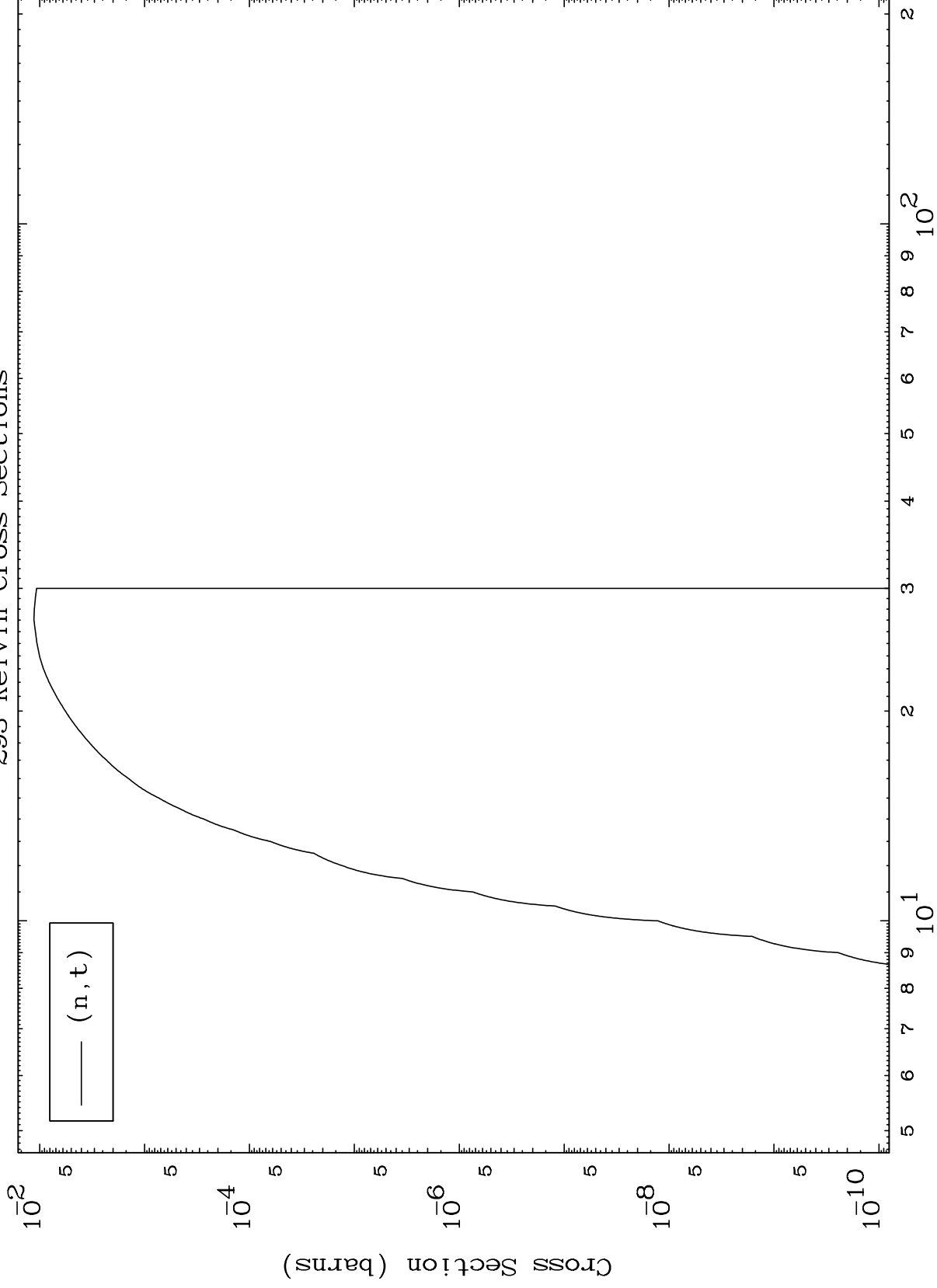
Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-143



13

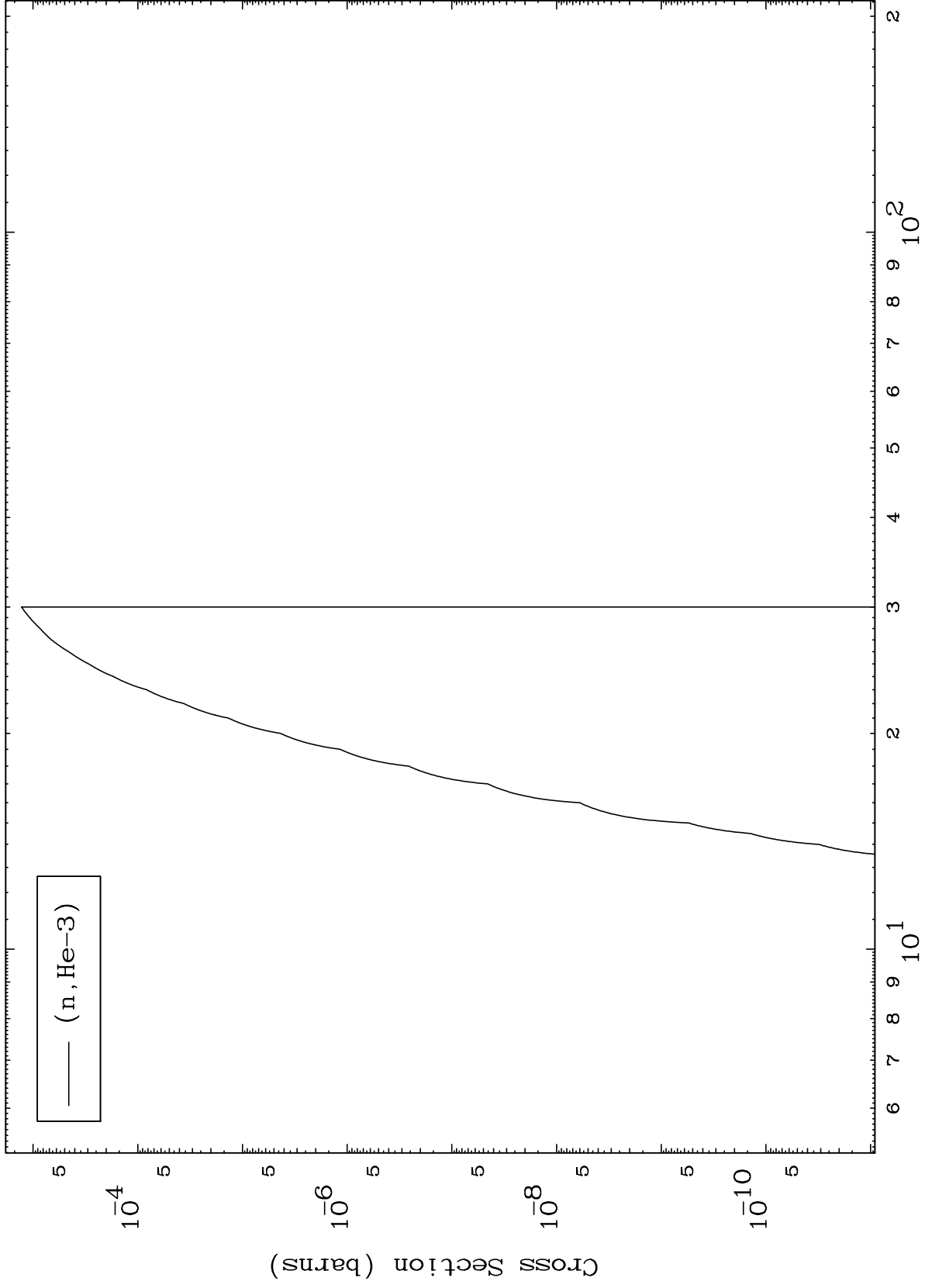
Incident Energy (MeV)

60-Nd-143

MAT 6028

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-143



14

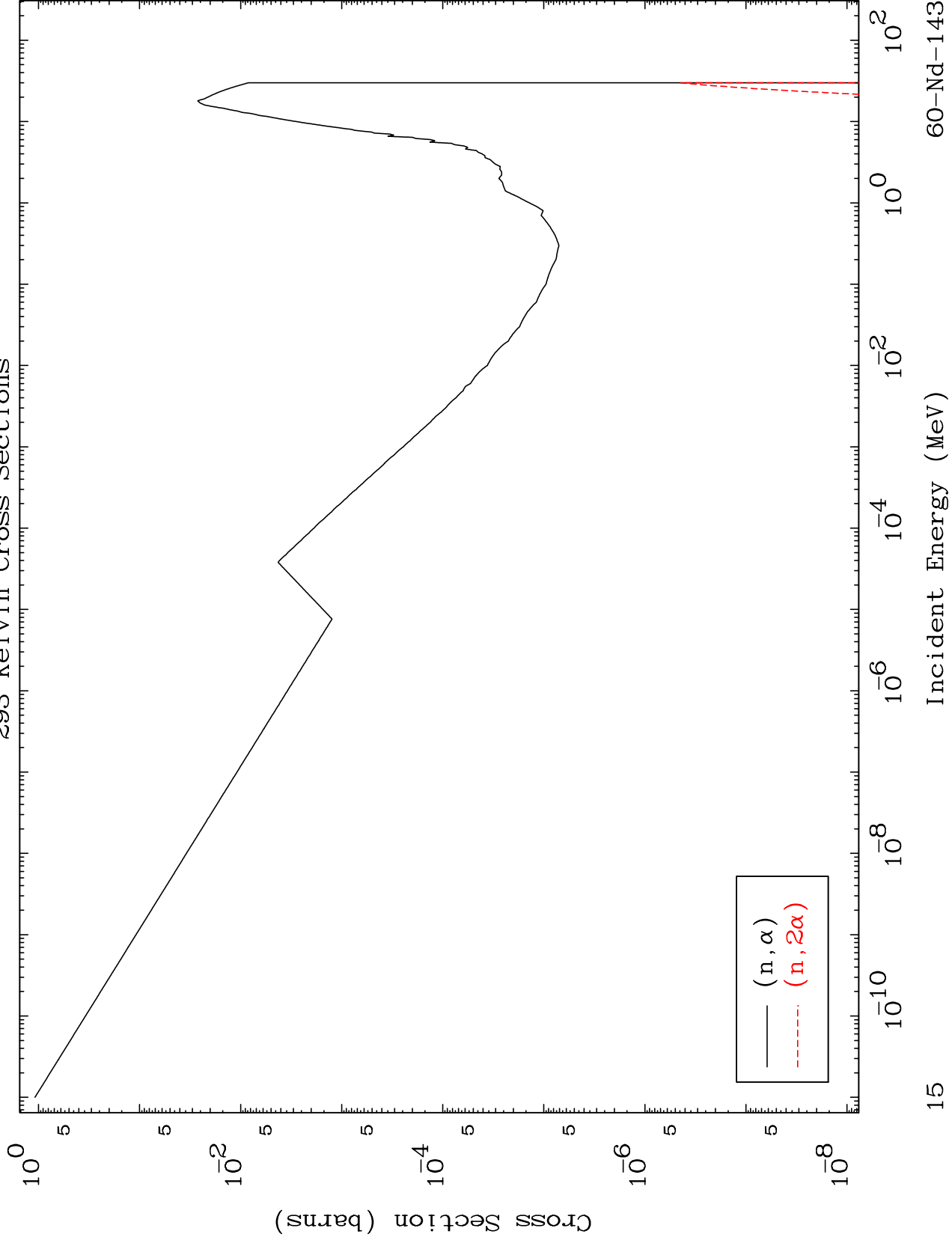
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143

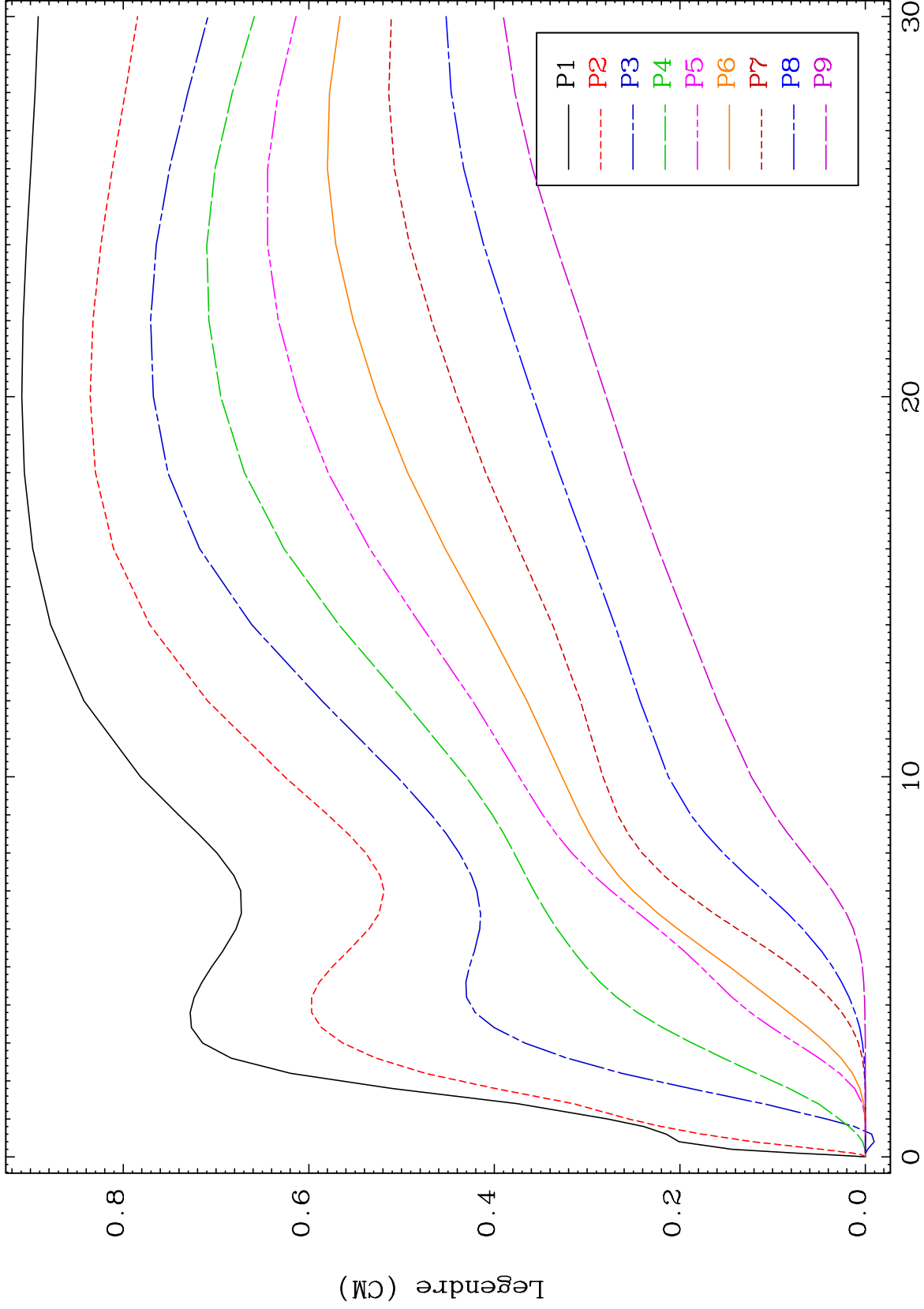




MAT 6028

Elastic Legendre Coefficients

$^{60}\text{Nd-143}$



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Incident Energy (MeV)

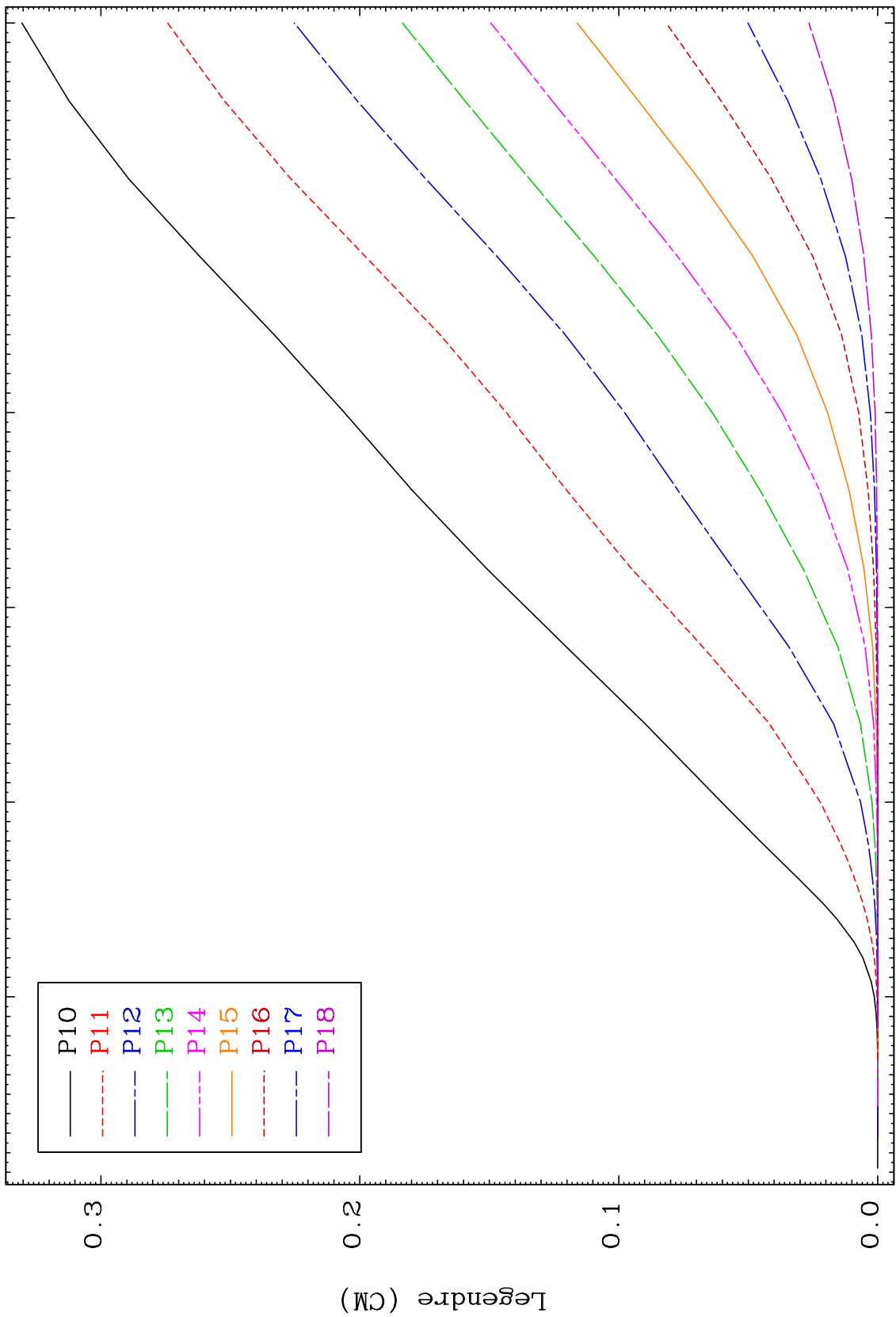
$^{60}\text{Nd-143}$

30

MAT 6028

Elastic Legendre Coefficients

60-Nd-143



17

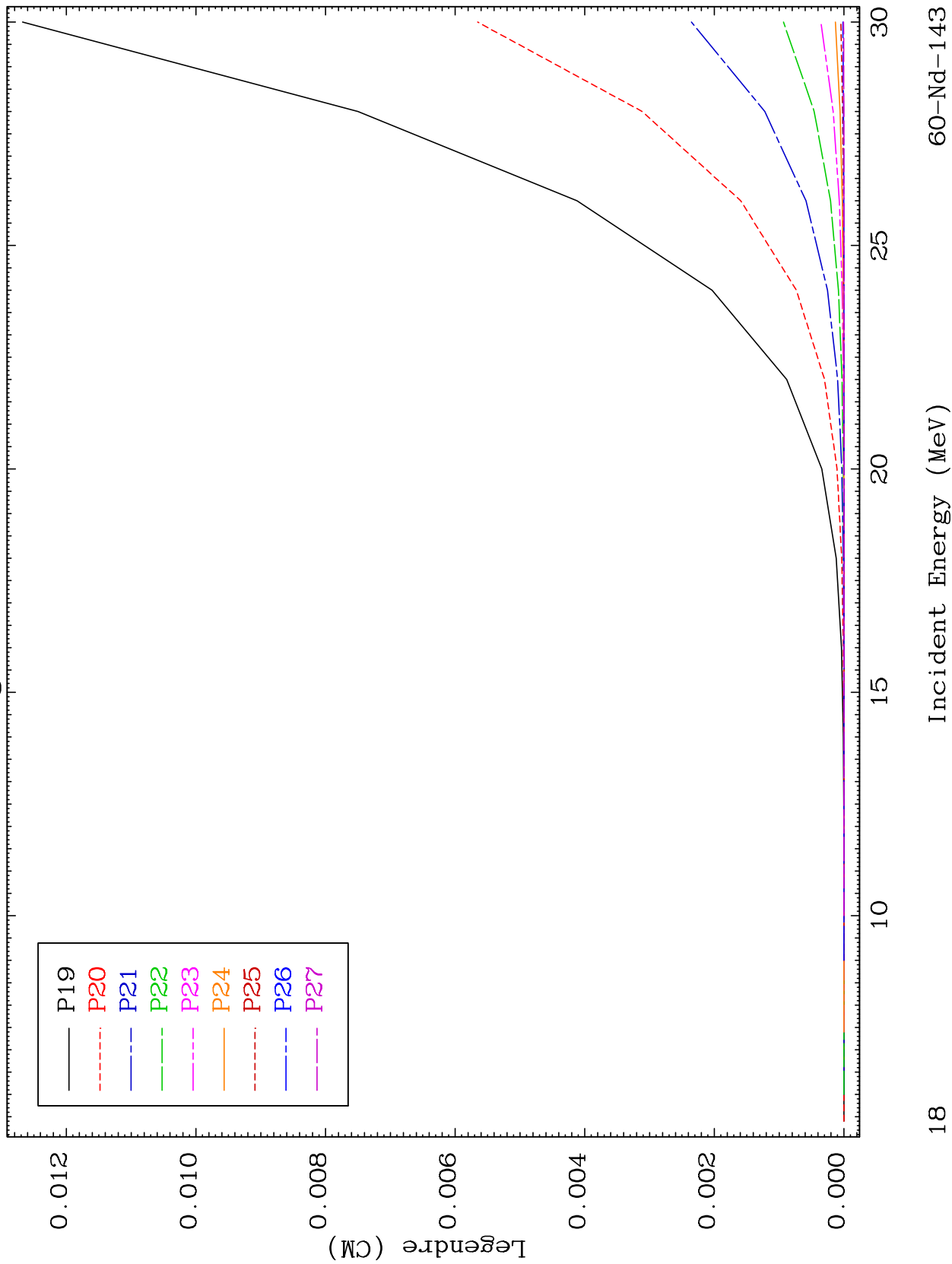
Incident Energy (MeV)

60-Nd-143

MAT 6028

### Elastic Legendre Coefficients

60-Nd-143



18

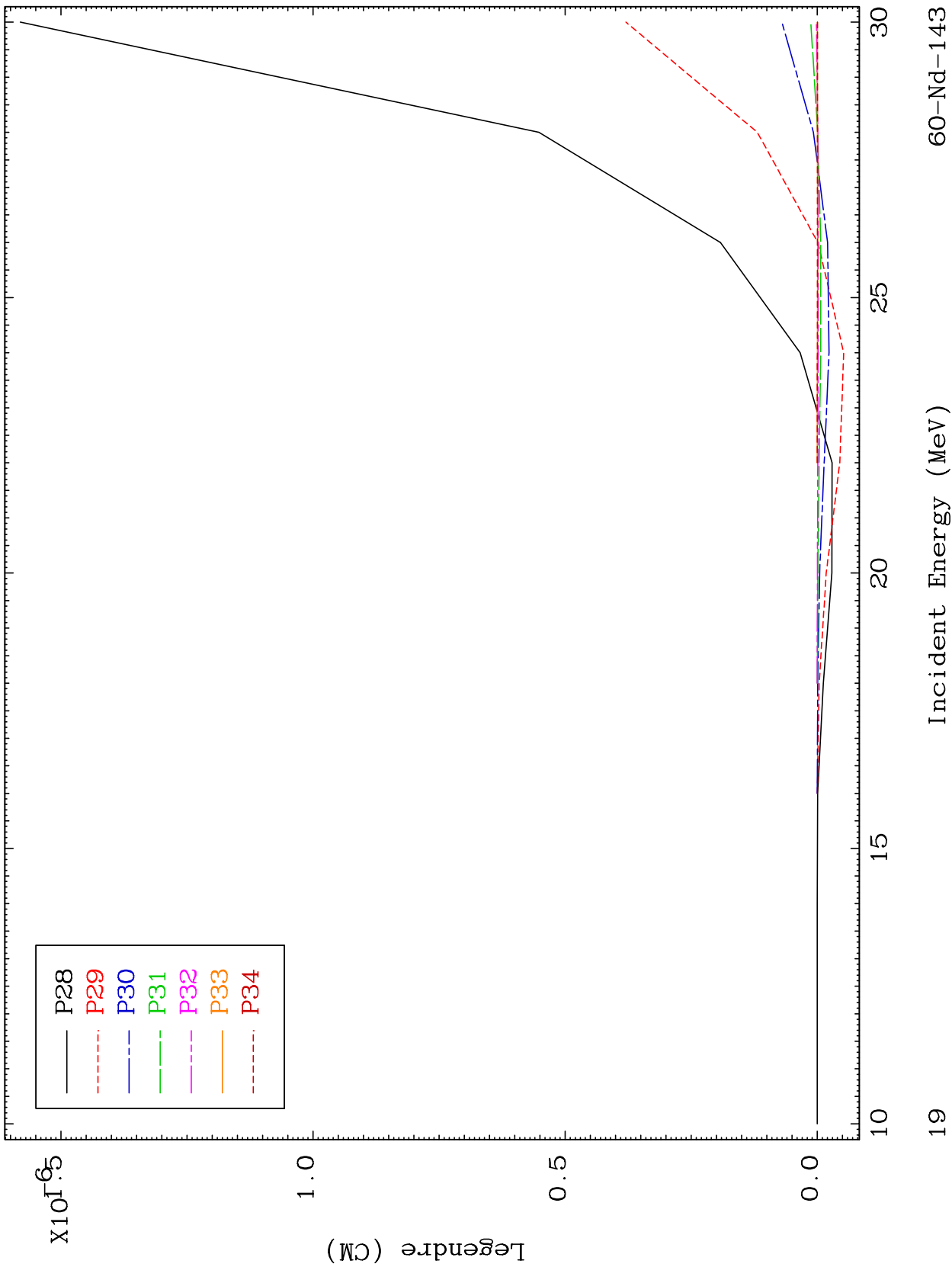
Incident Energy (MeV)

60-Nd-143

MAT 6028

Elastic Legendre Coefficients

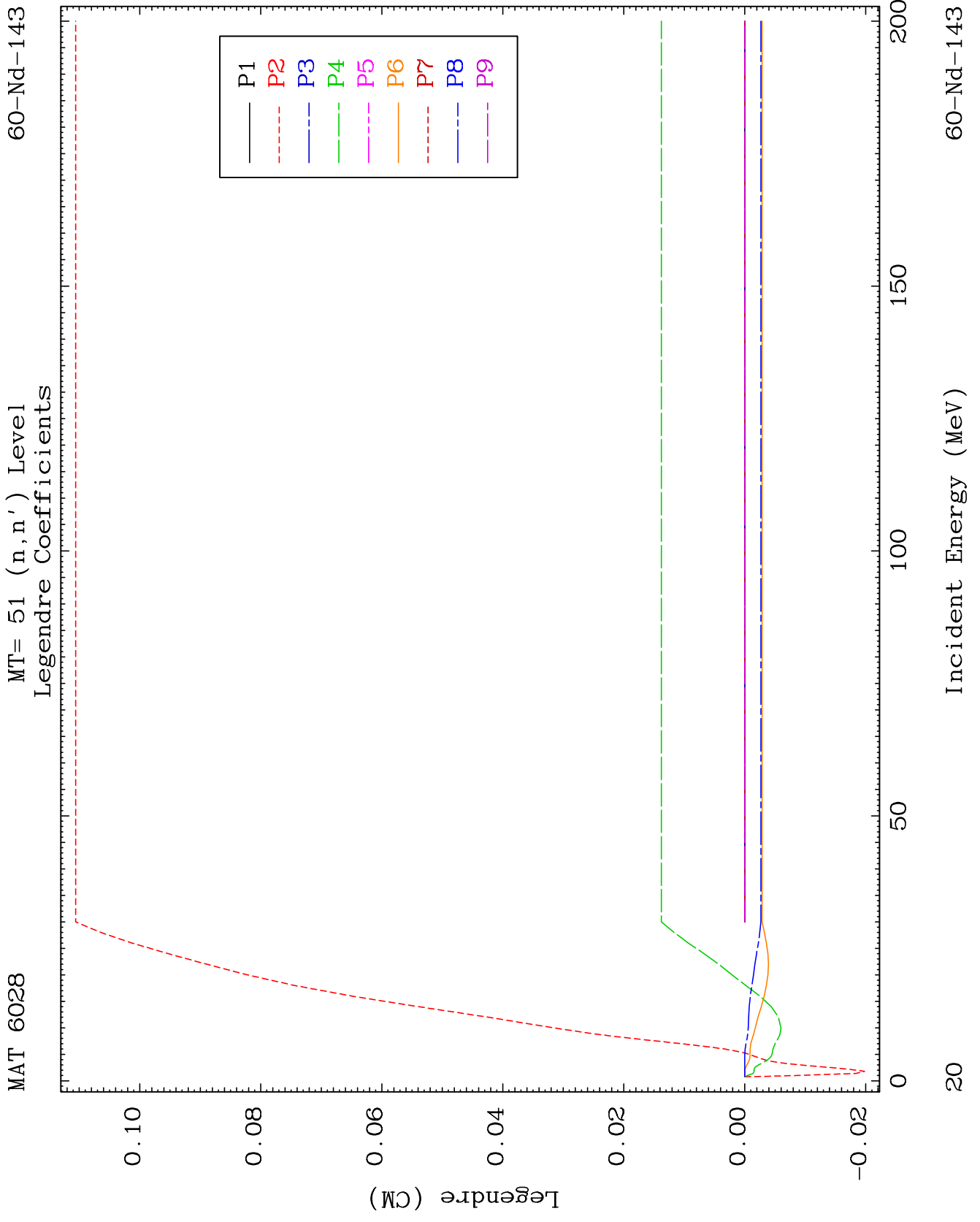
60-Nd-143



19

Incident Energy (MeV)

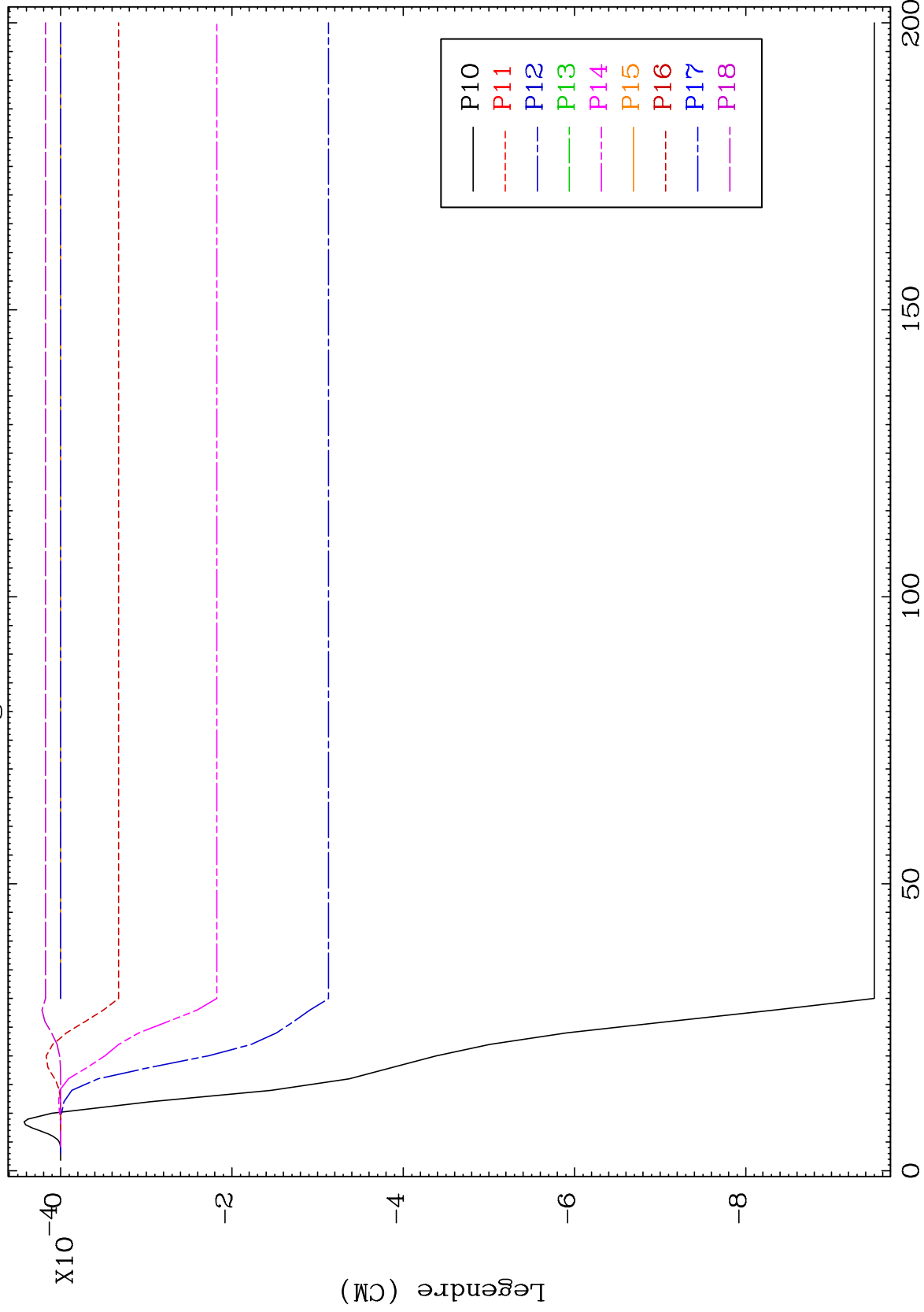
60-Nd-143



MAT 6028

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

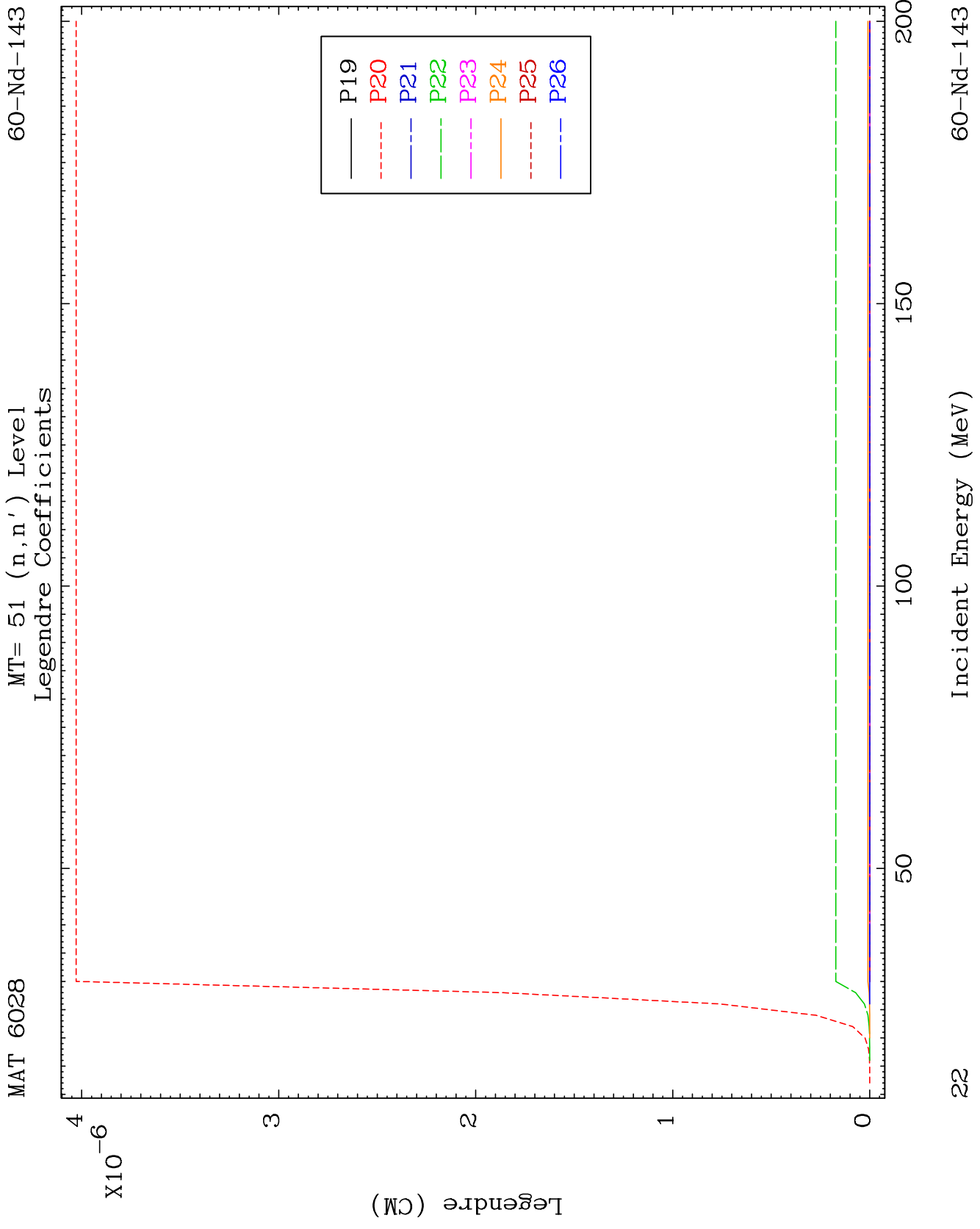
60-Nd-143



21

Incident Energy (MeV)

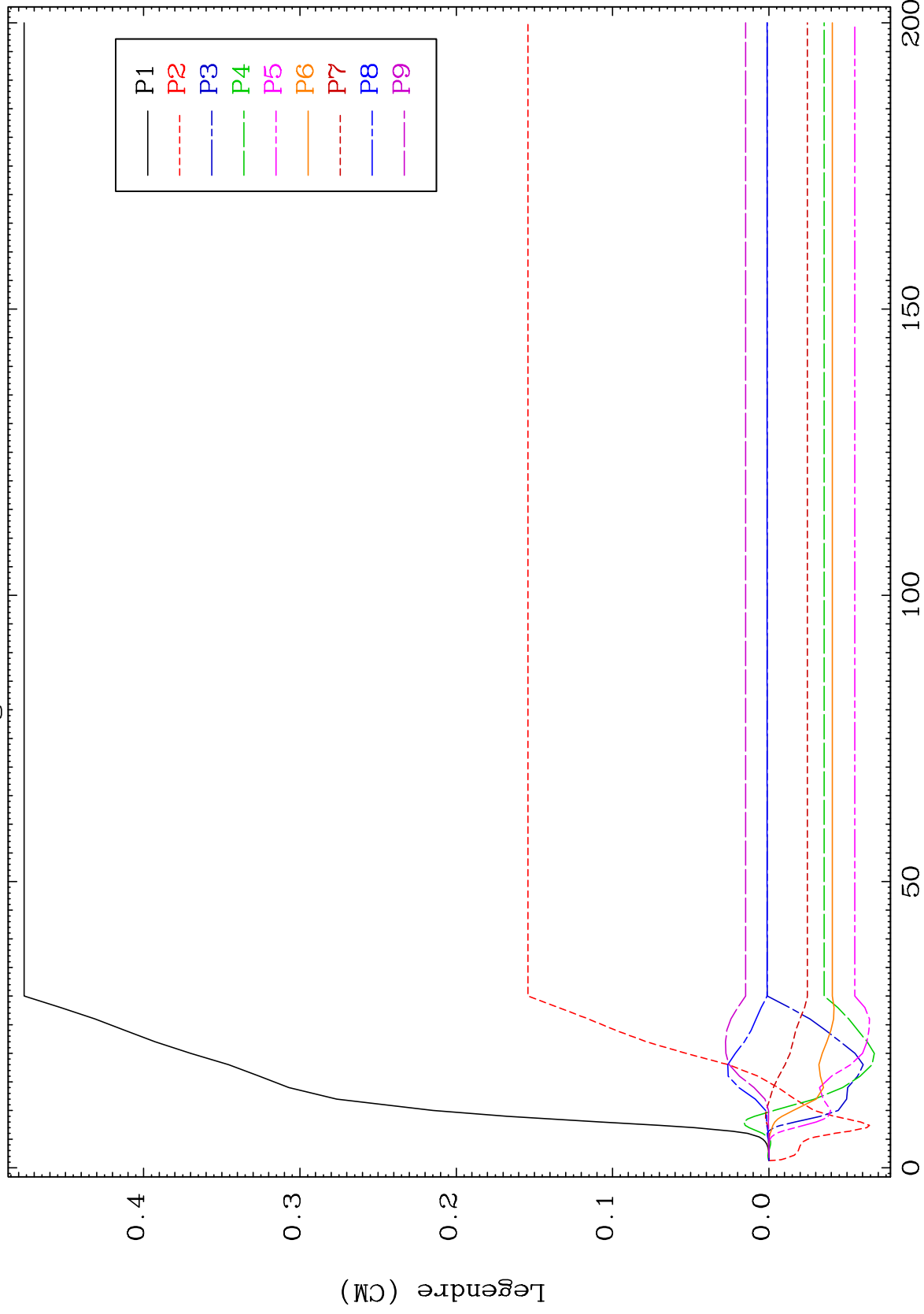
60-Nd-143



MAT 6028

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

60-Nd-143



60-Nd-143

Incident Energy (MeV)

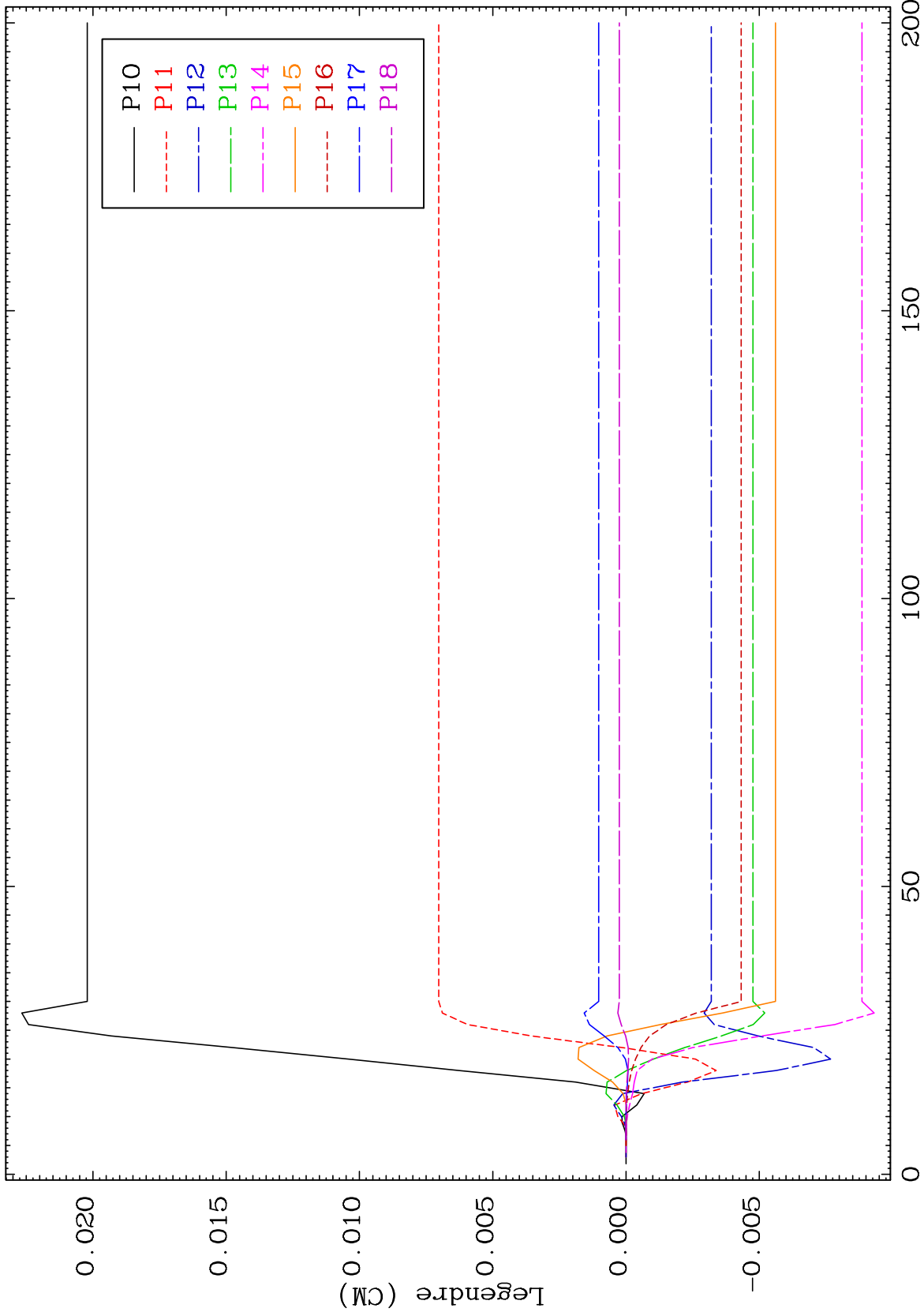
23



MAT 6028

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

60-Nd-143



24

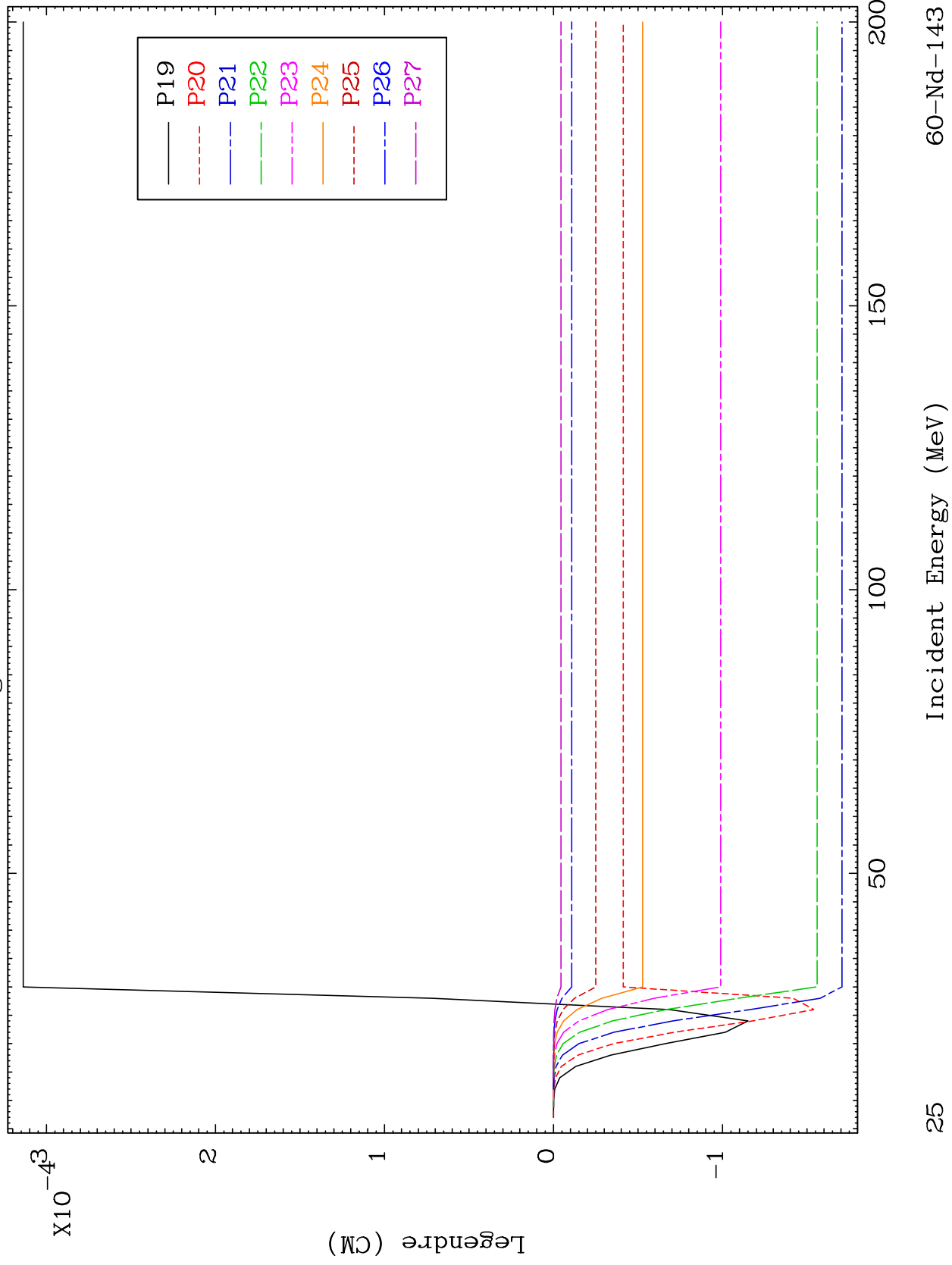
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

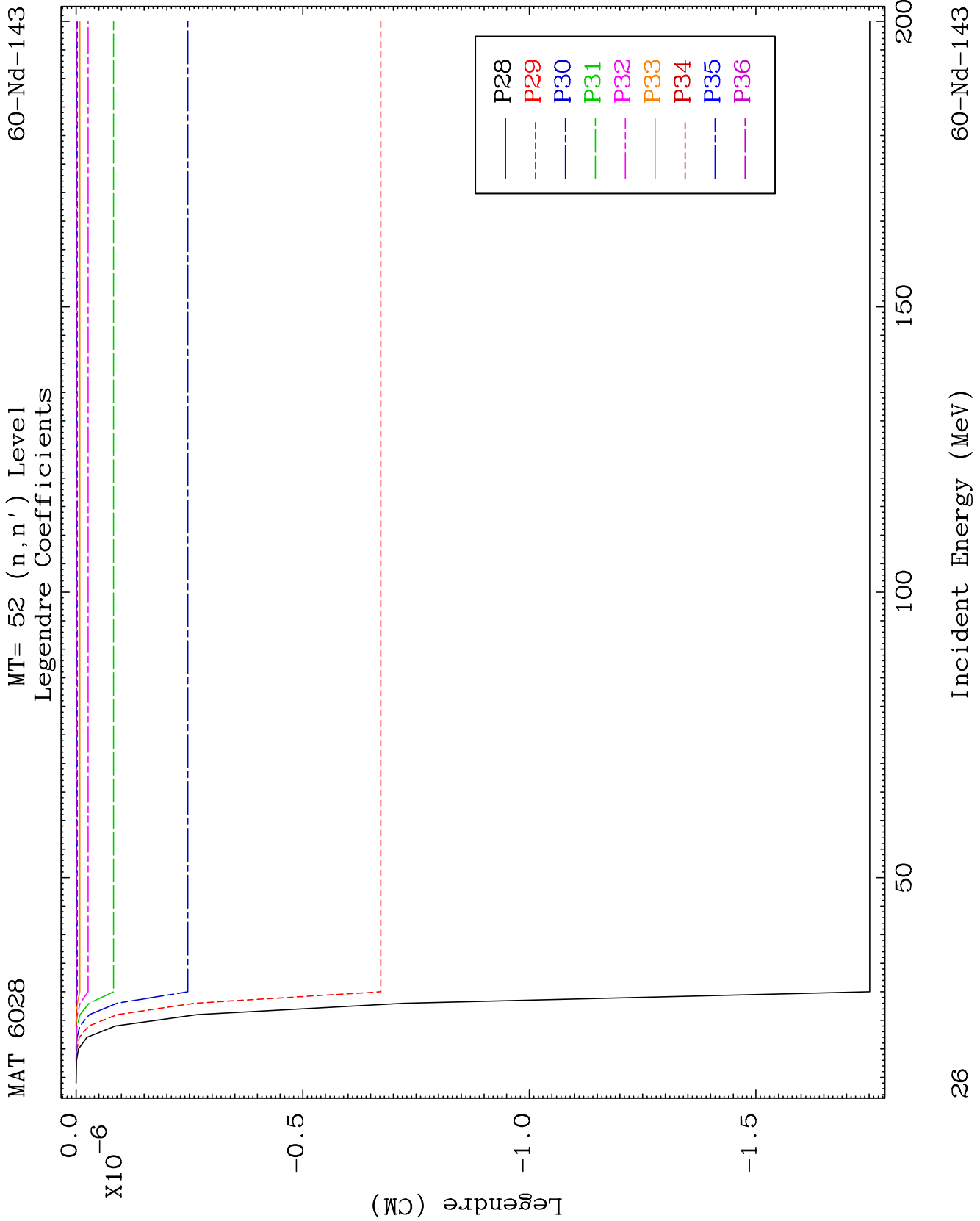
60-Nd-143



25

Incident Energy (MeV)

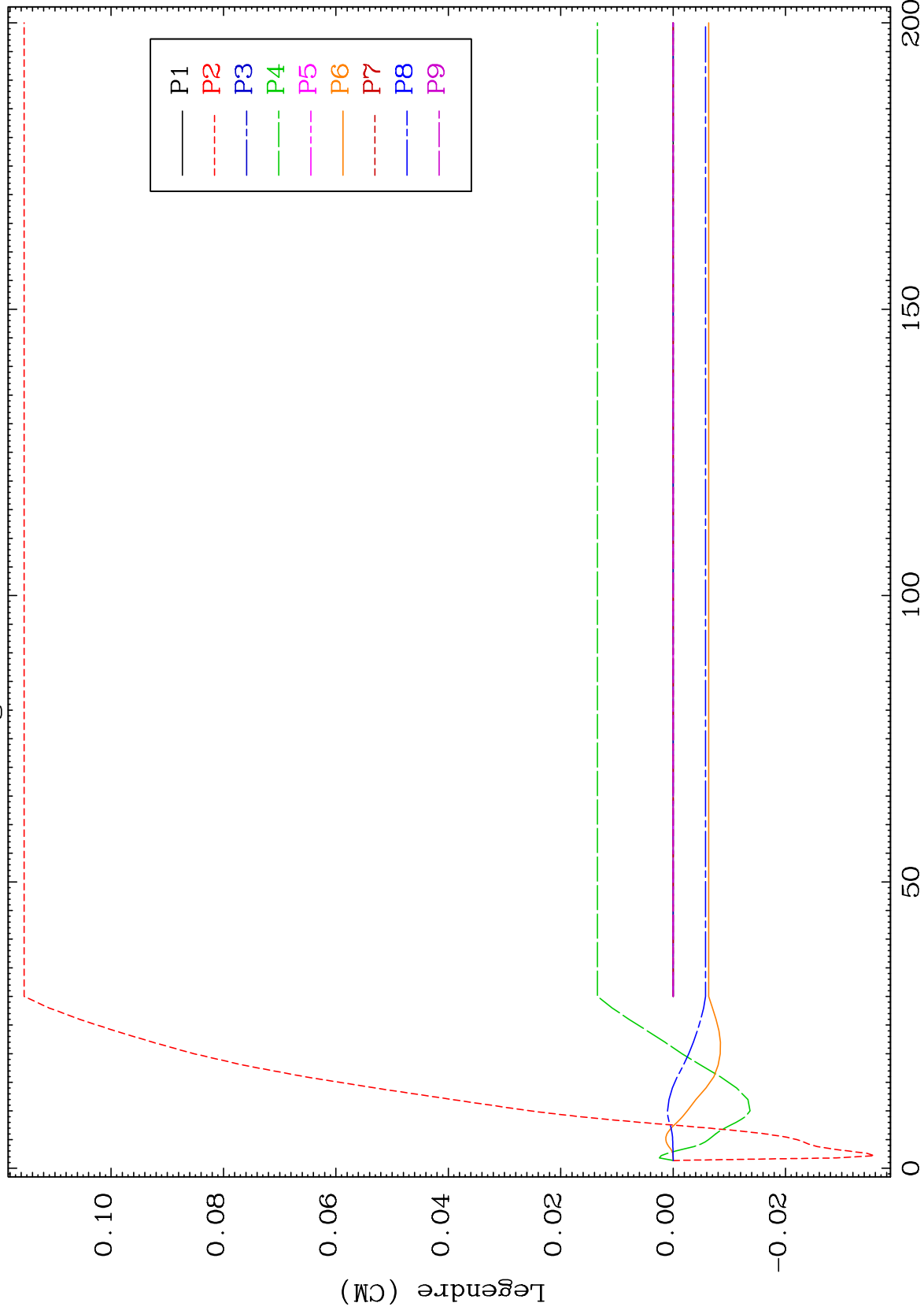
60-Nd-143



MAT 6028

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

60-Nd-143



27

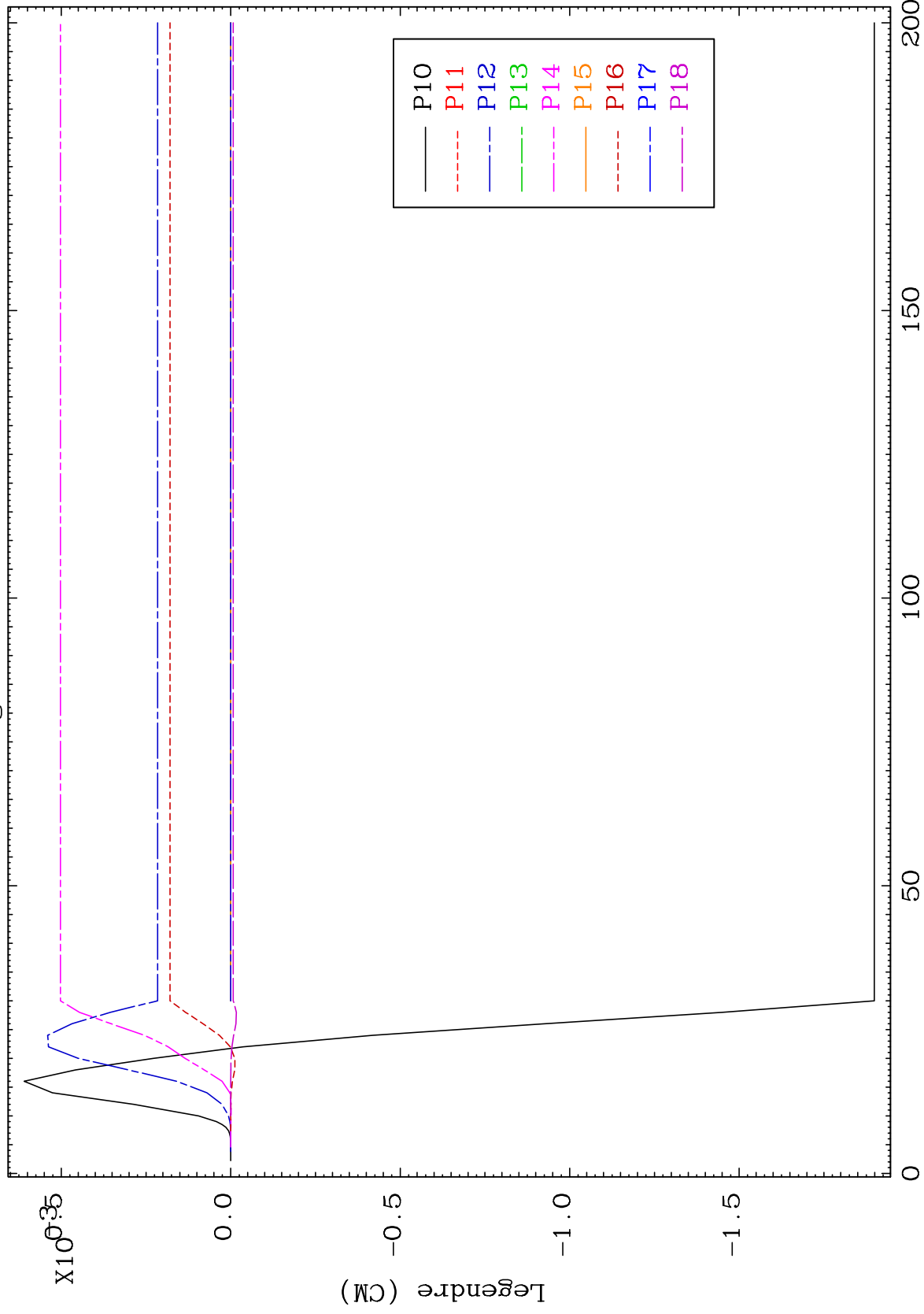
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

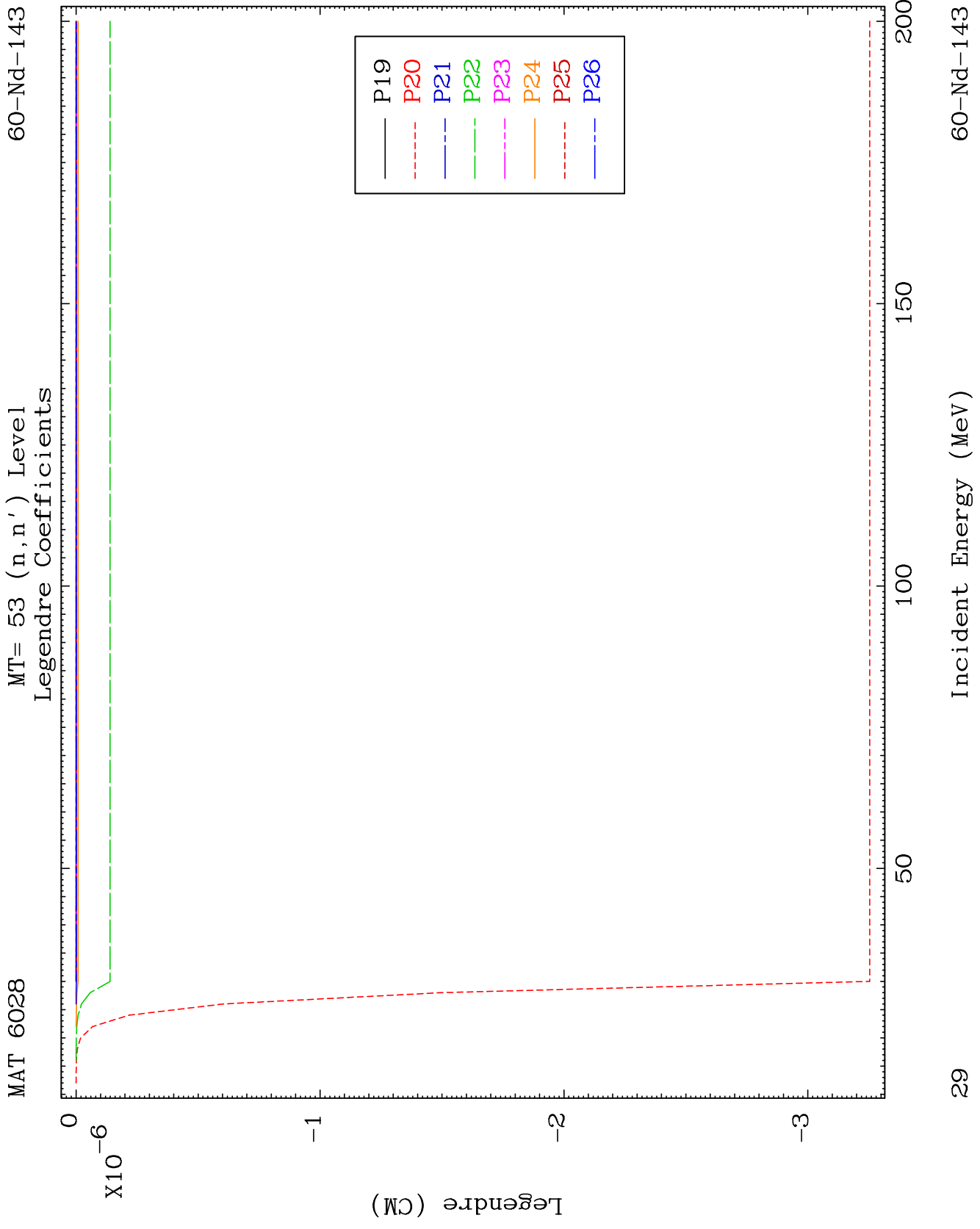
60-Nd-143



28

Incident Energy (MeV)

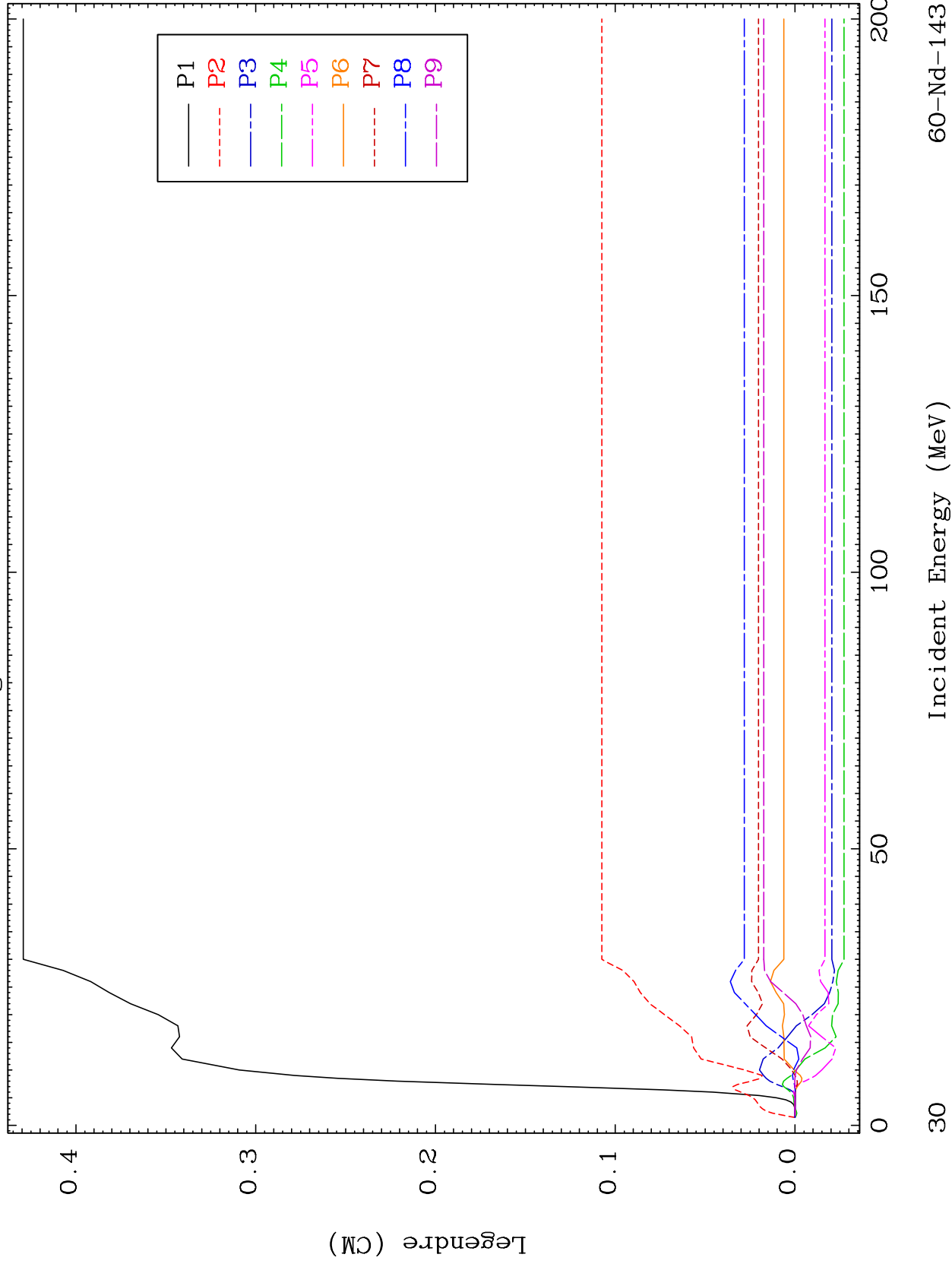
60-Nd-143



MAT 6028

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

60-Nd-143



60-Nd-143

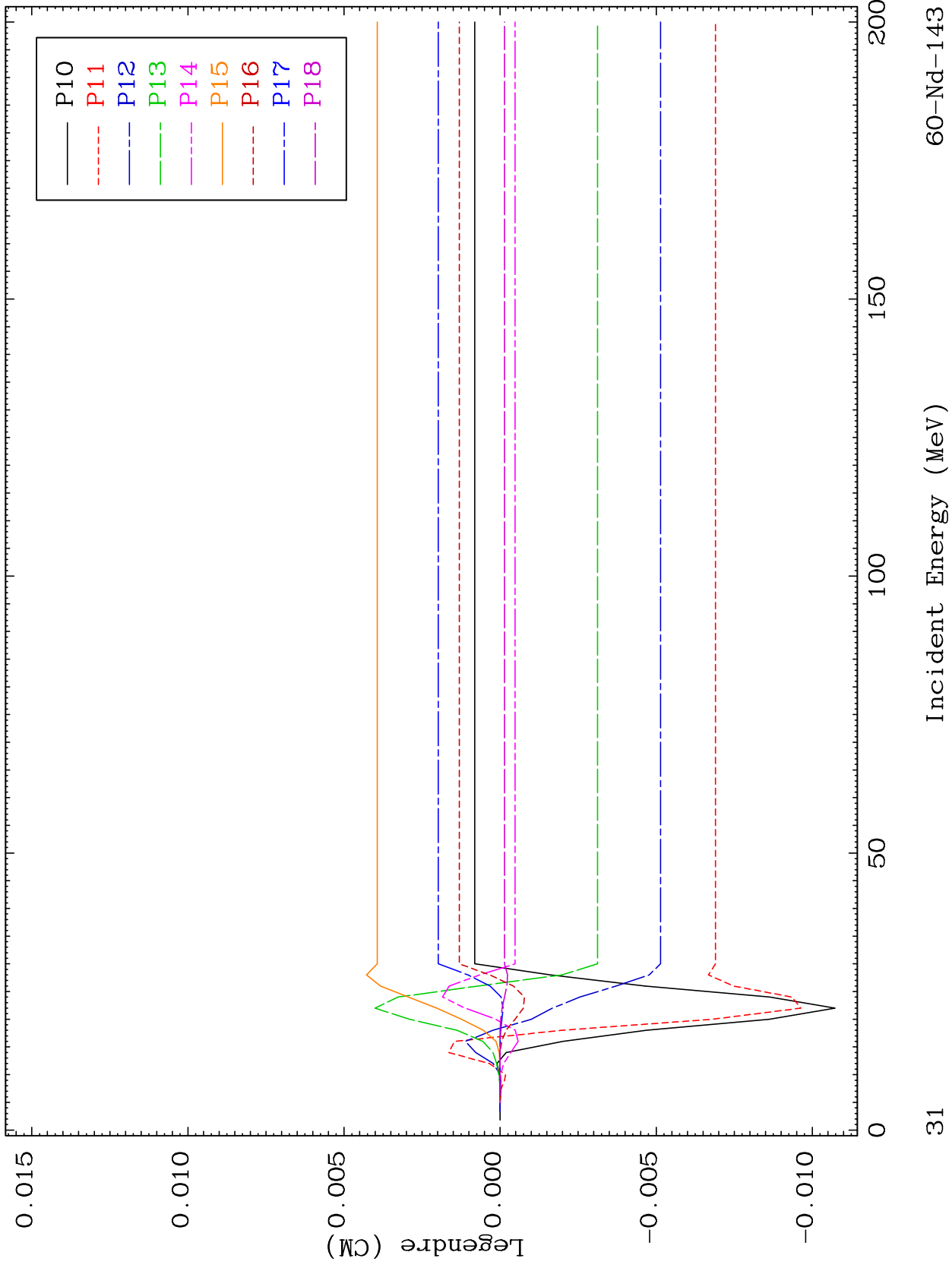
Incident Energy (MeV)

30

MAT 6028

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

60-Nd-143

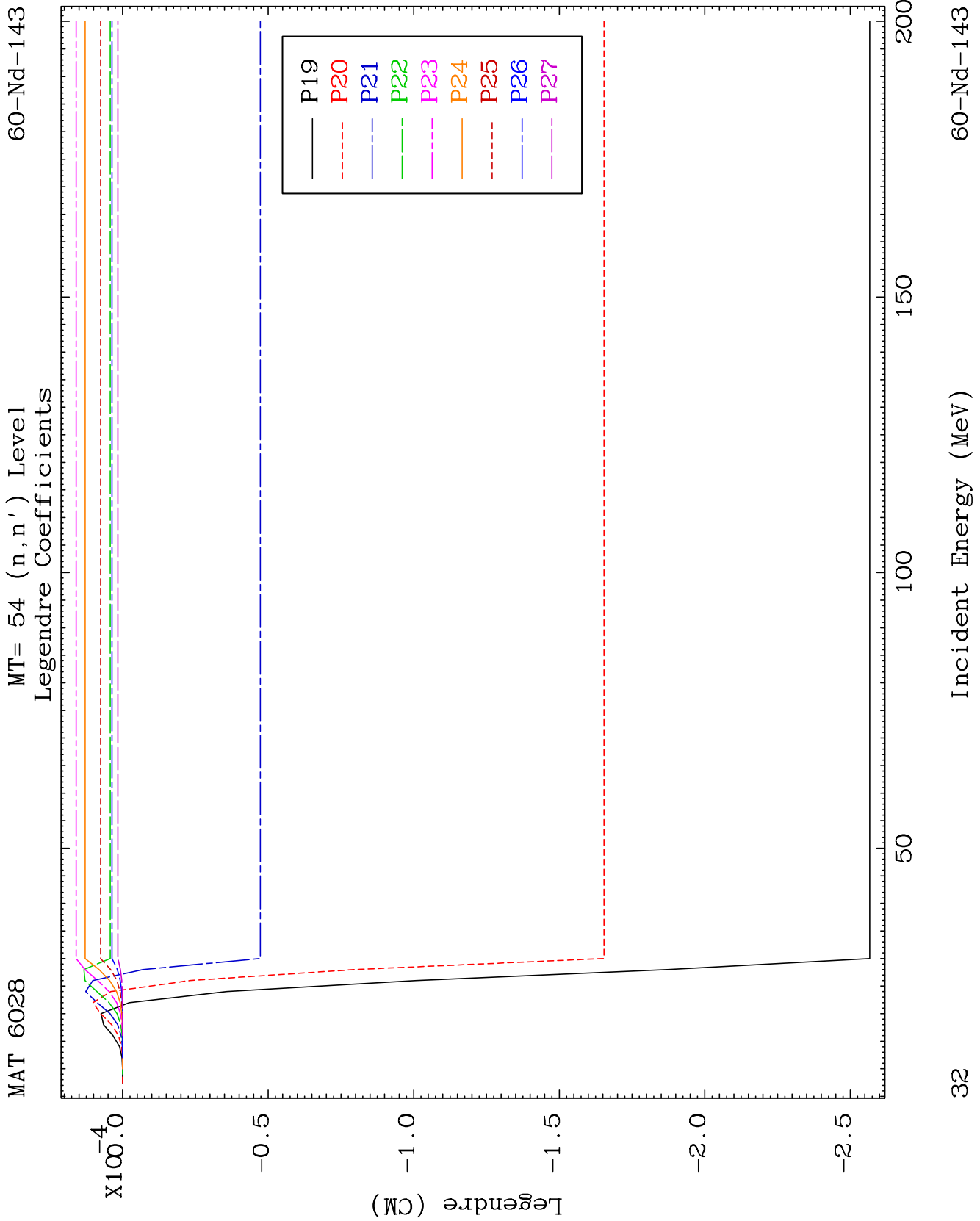


31

Incident Energy (MeV)

60-Nd-143

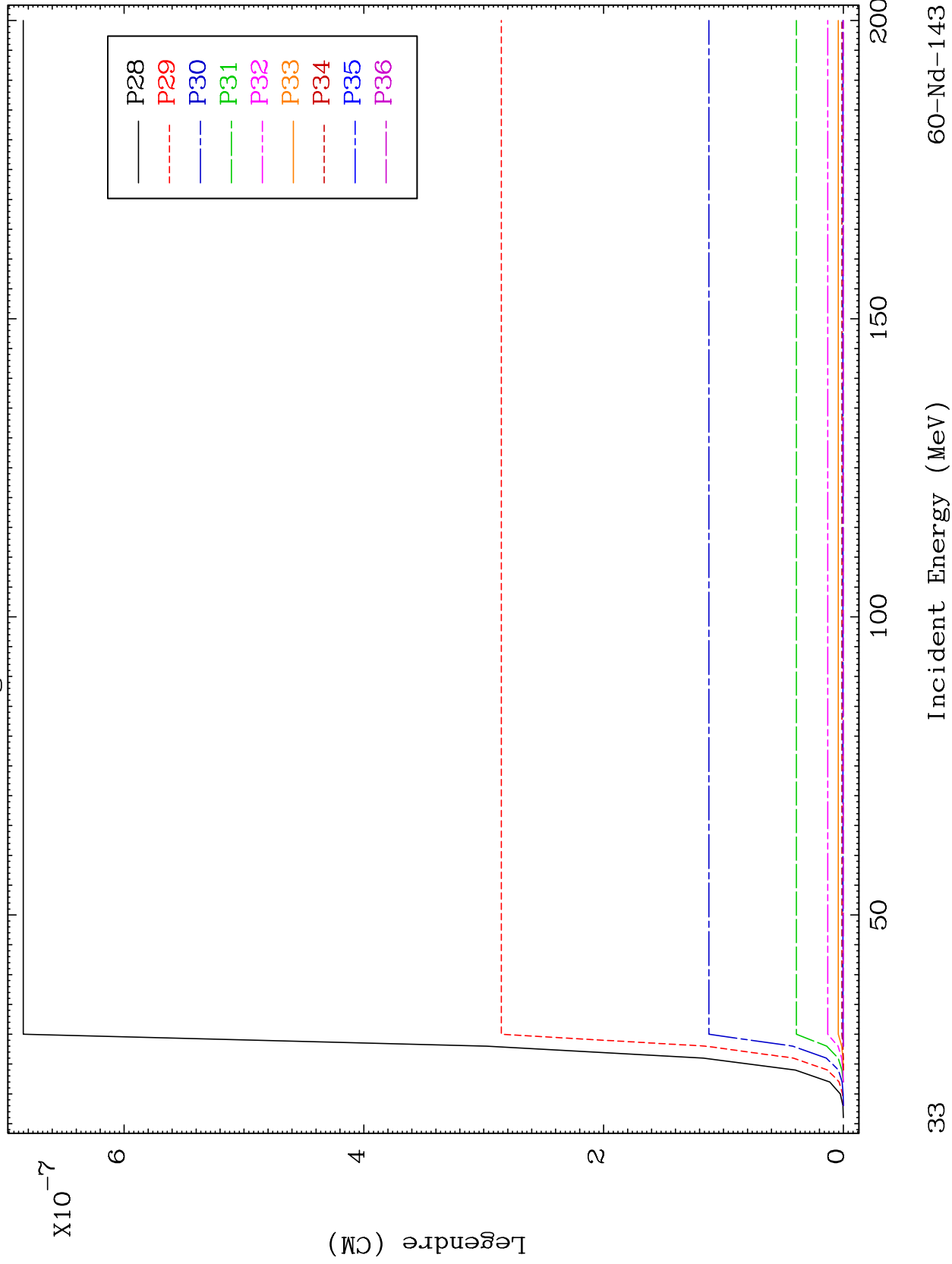




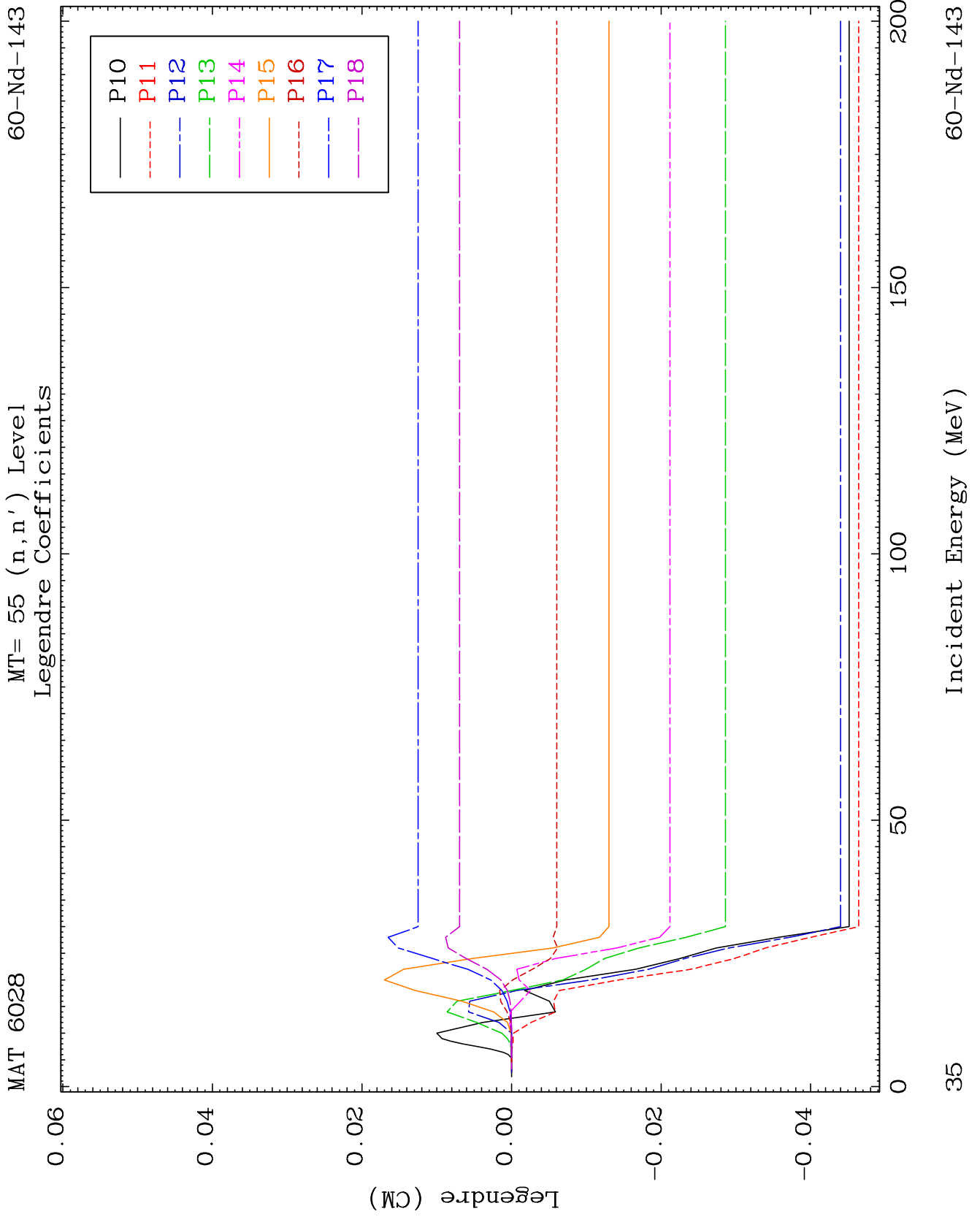
MAT 6028

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

60-Nd-143



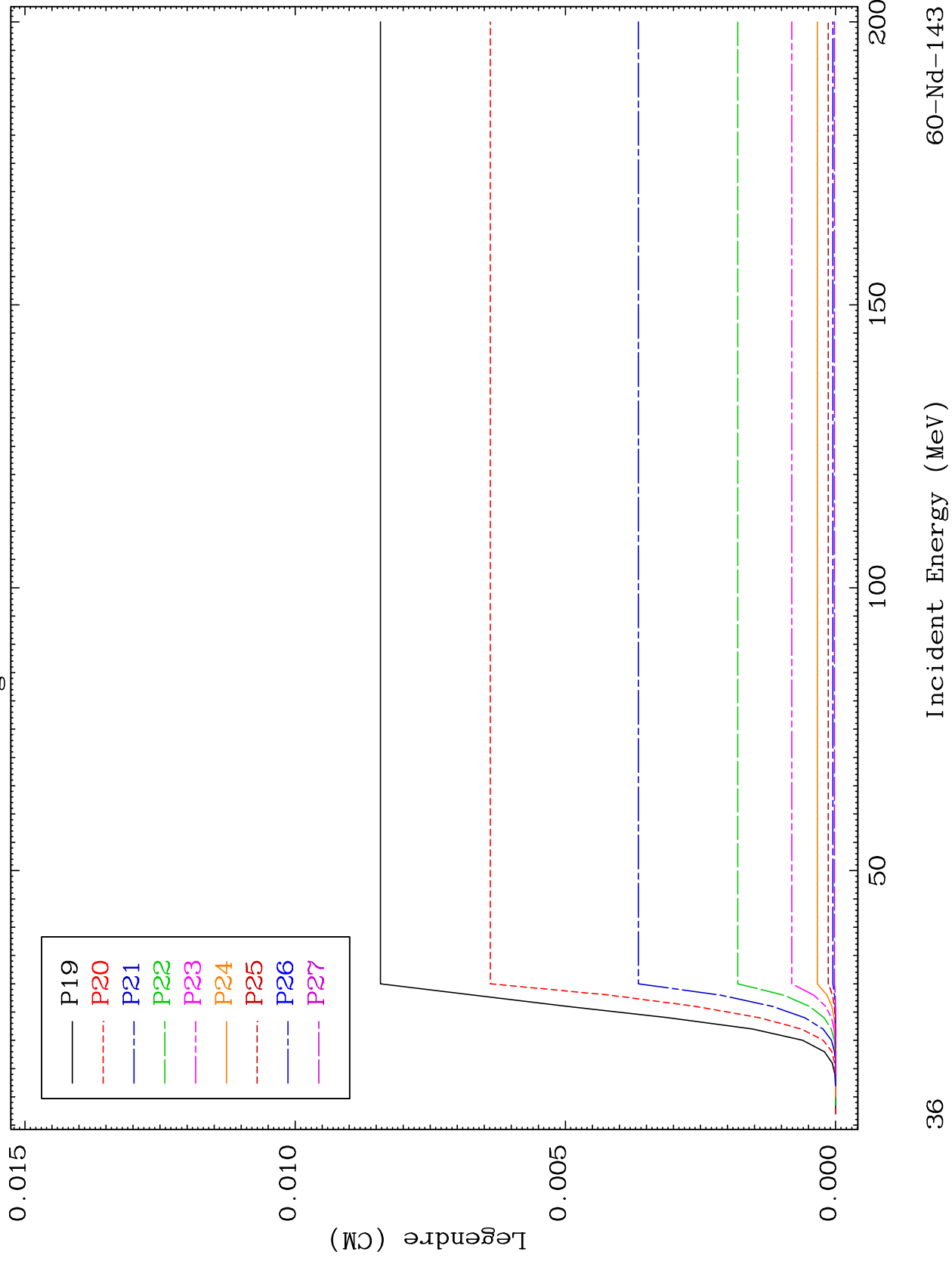




MAT 6028

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

60-Nd-143



36

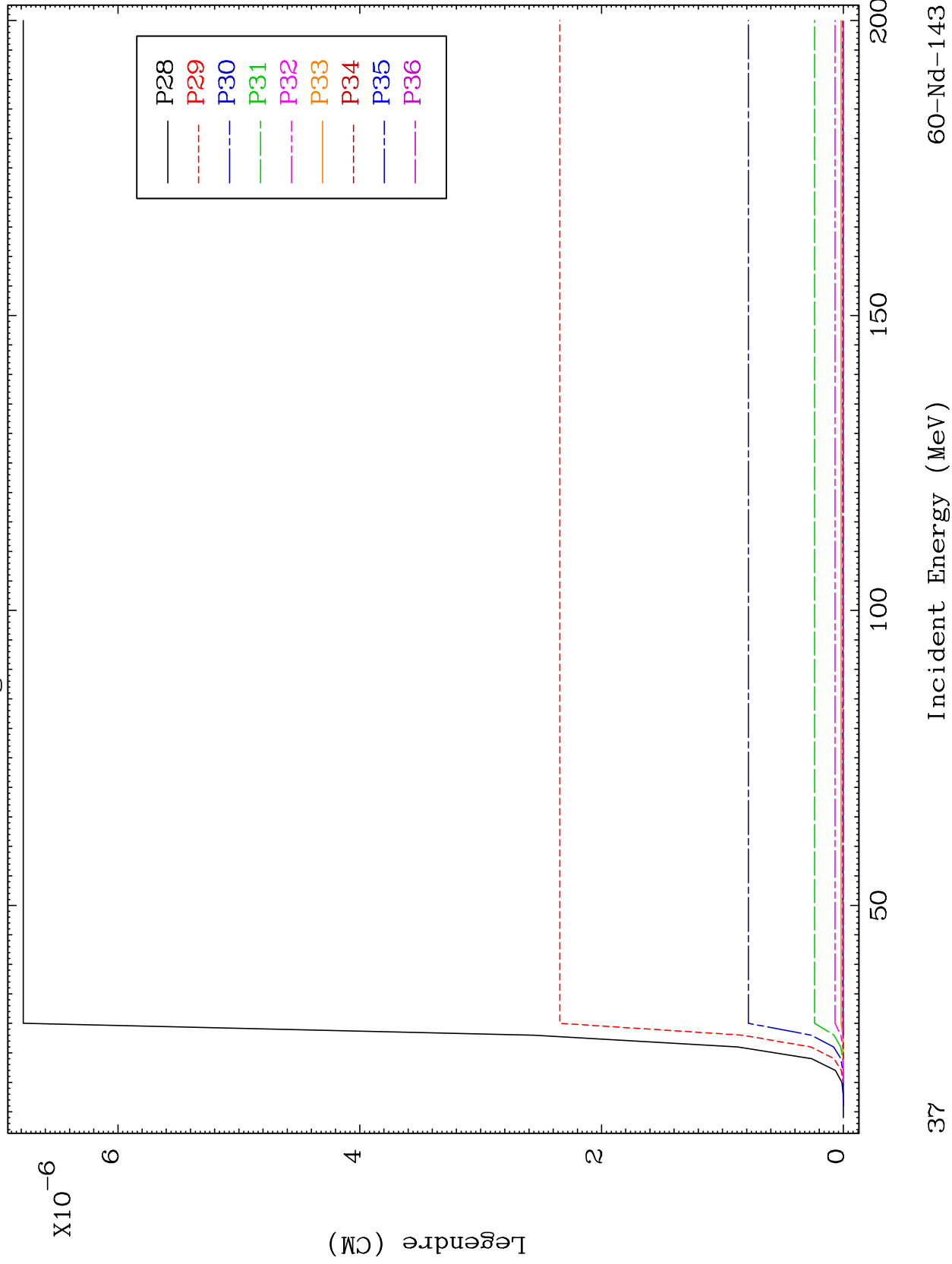
Incident Energy (MeV)

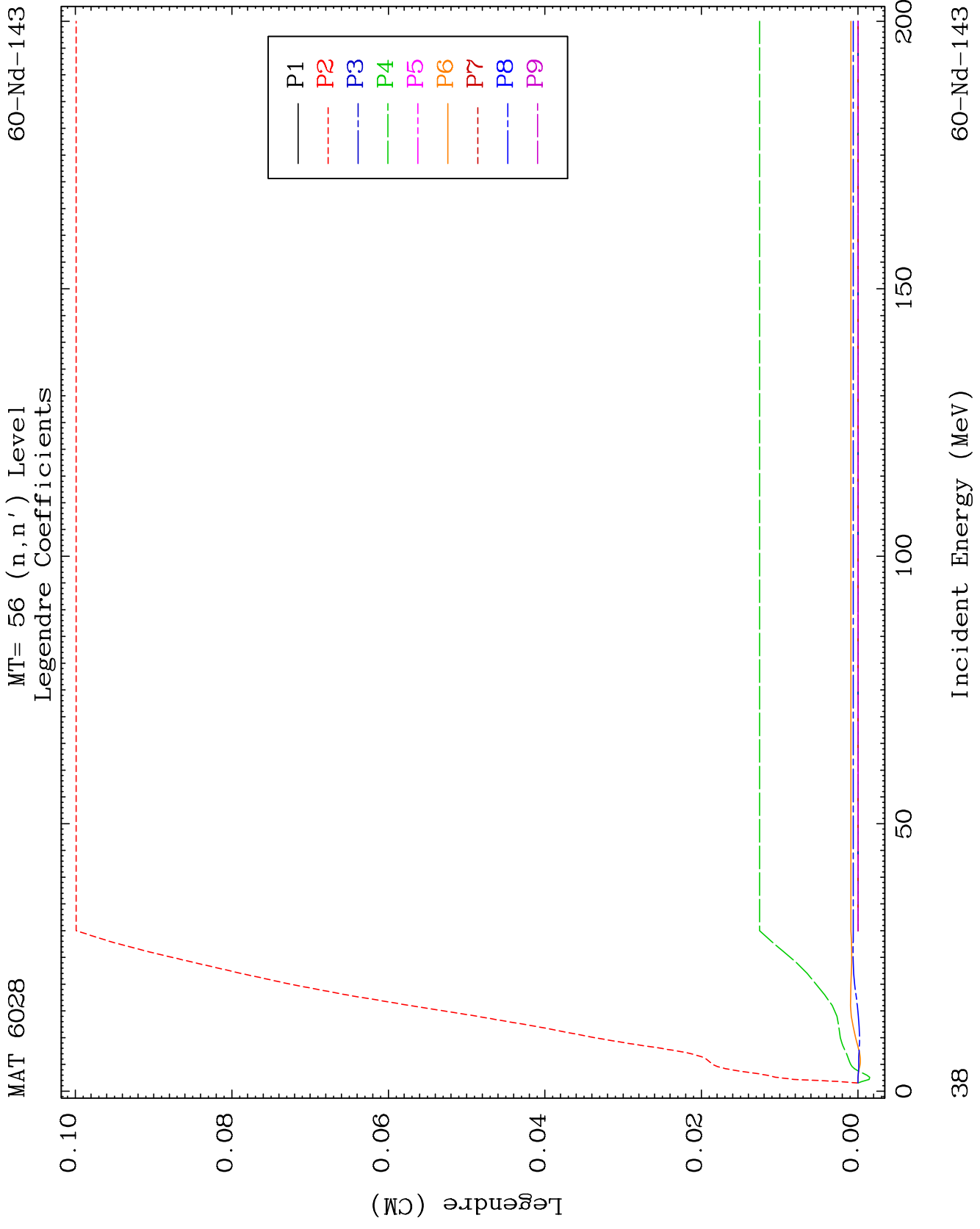
60-Nd-143

MAT 6028

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

60-Nd-143

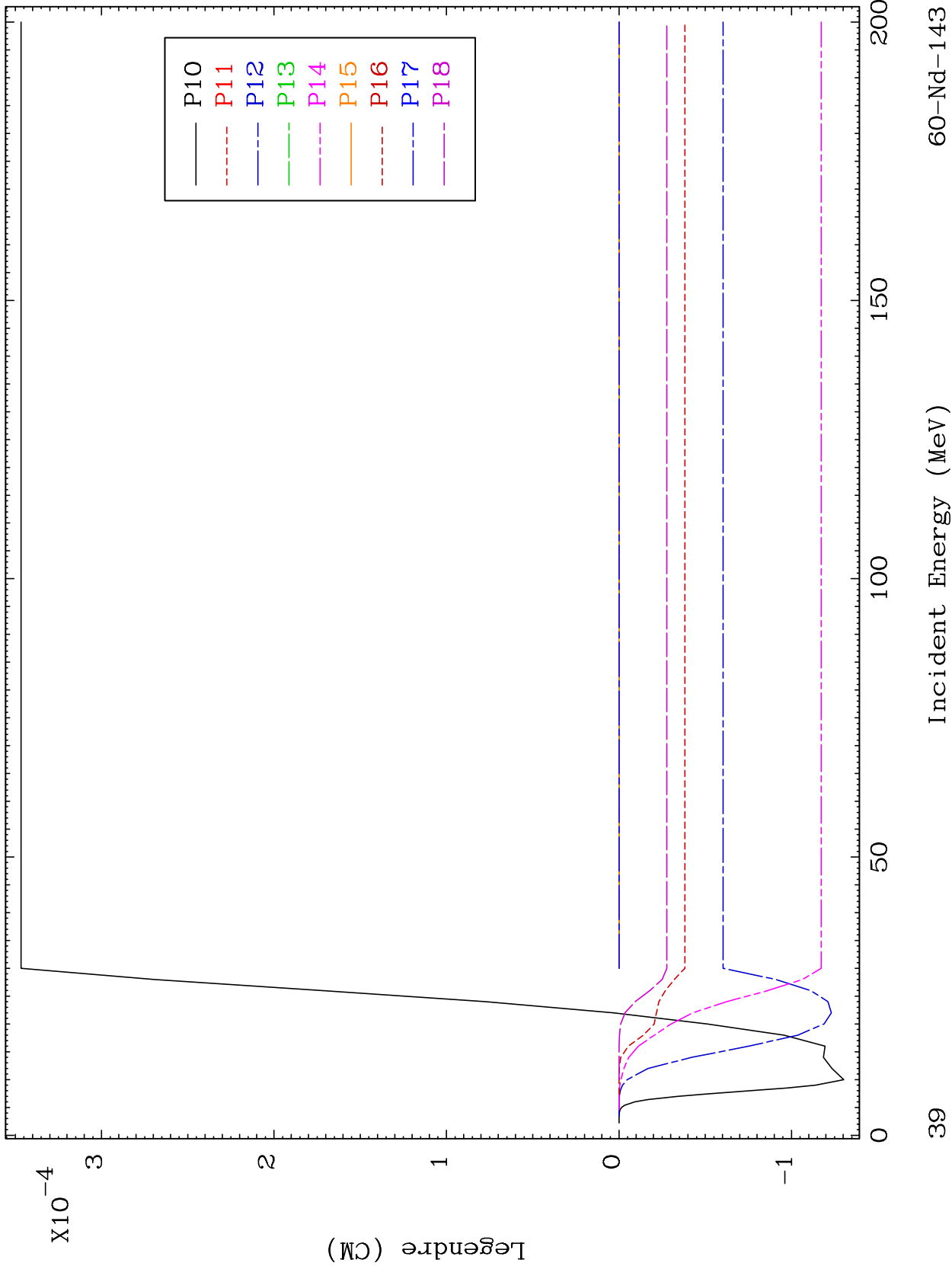




MAT 6028

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

60-Nd-143

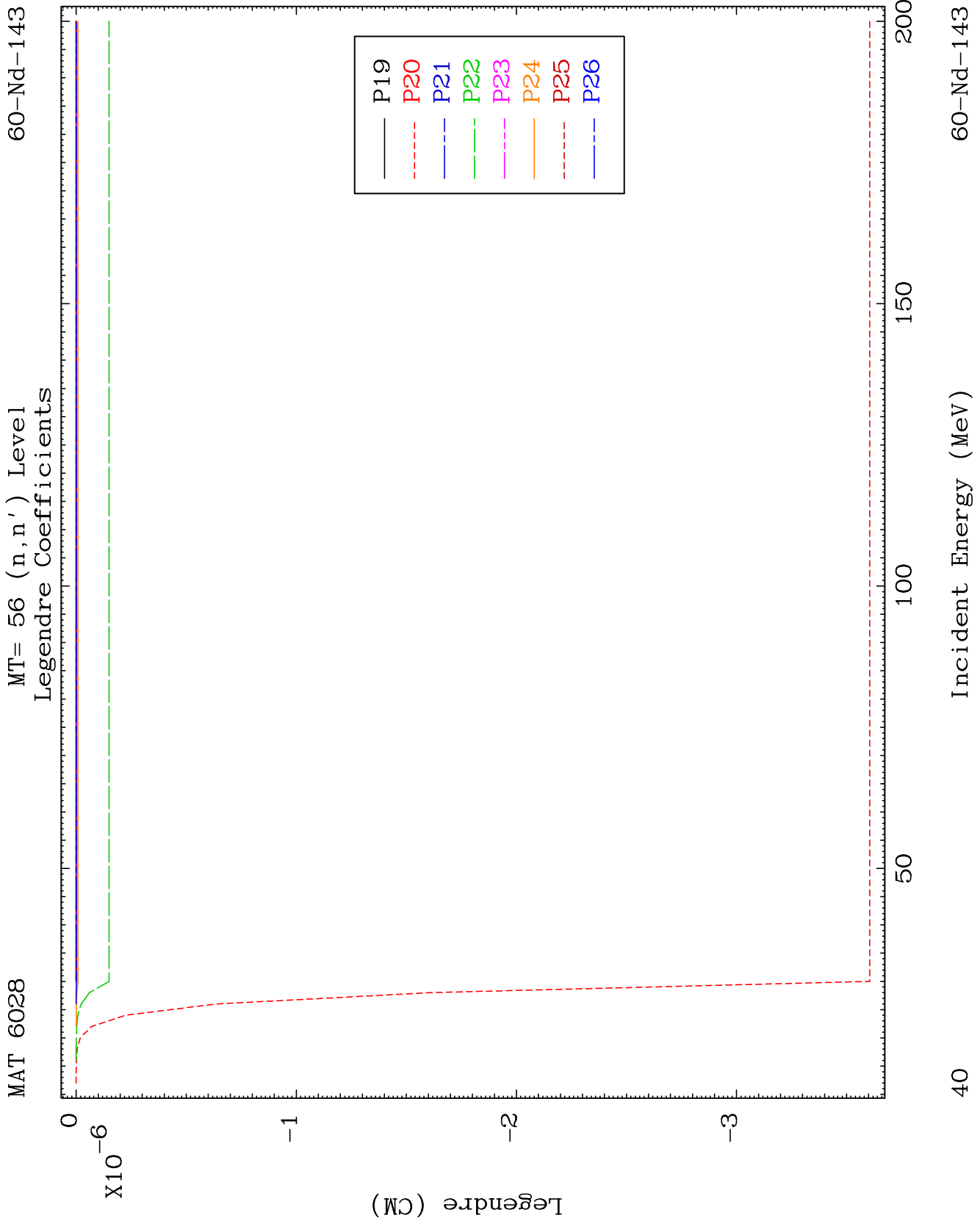


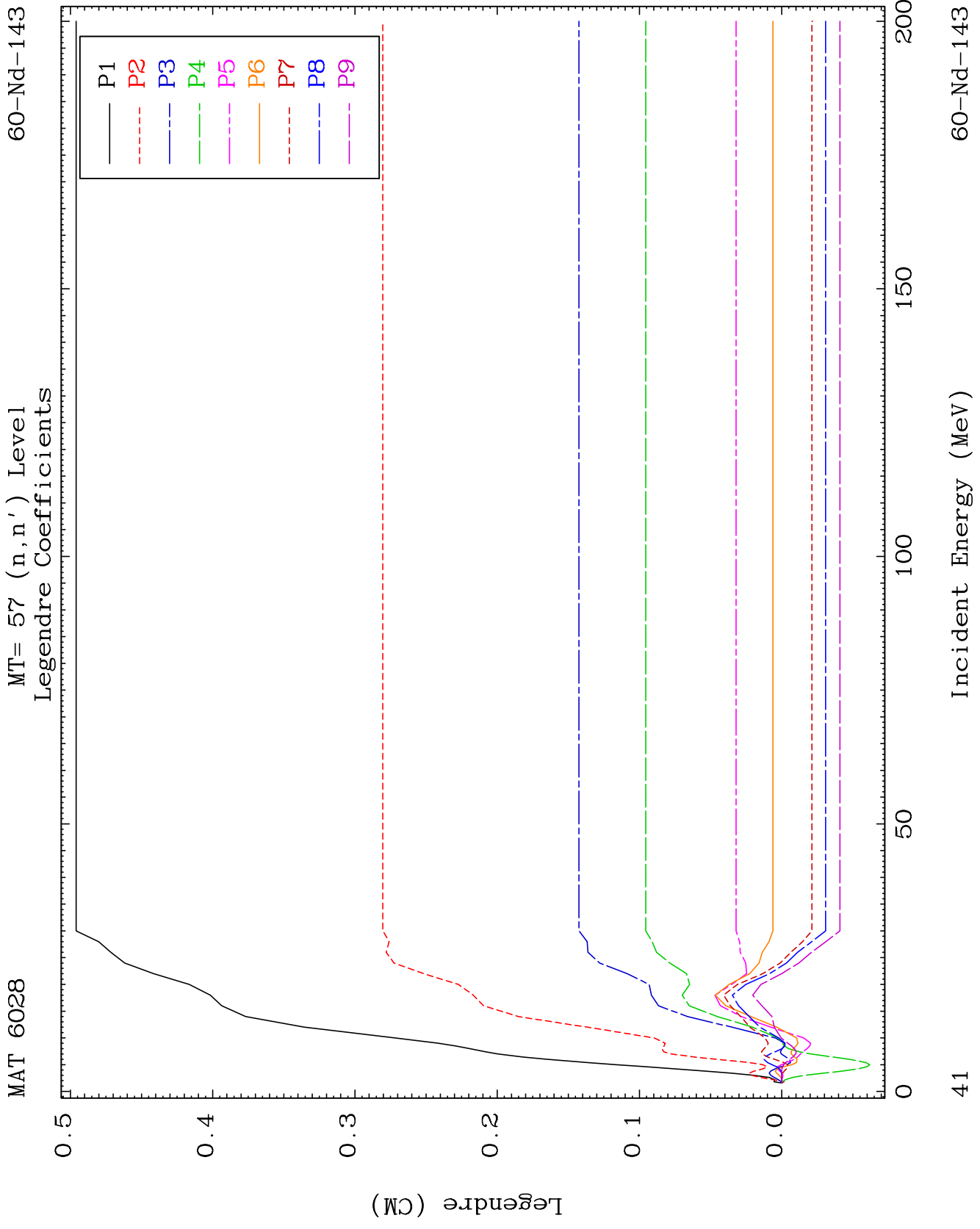
39

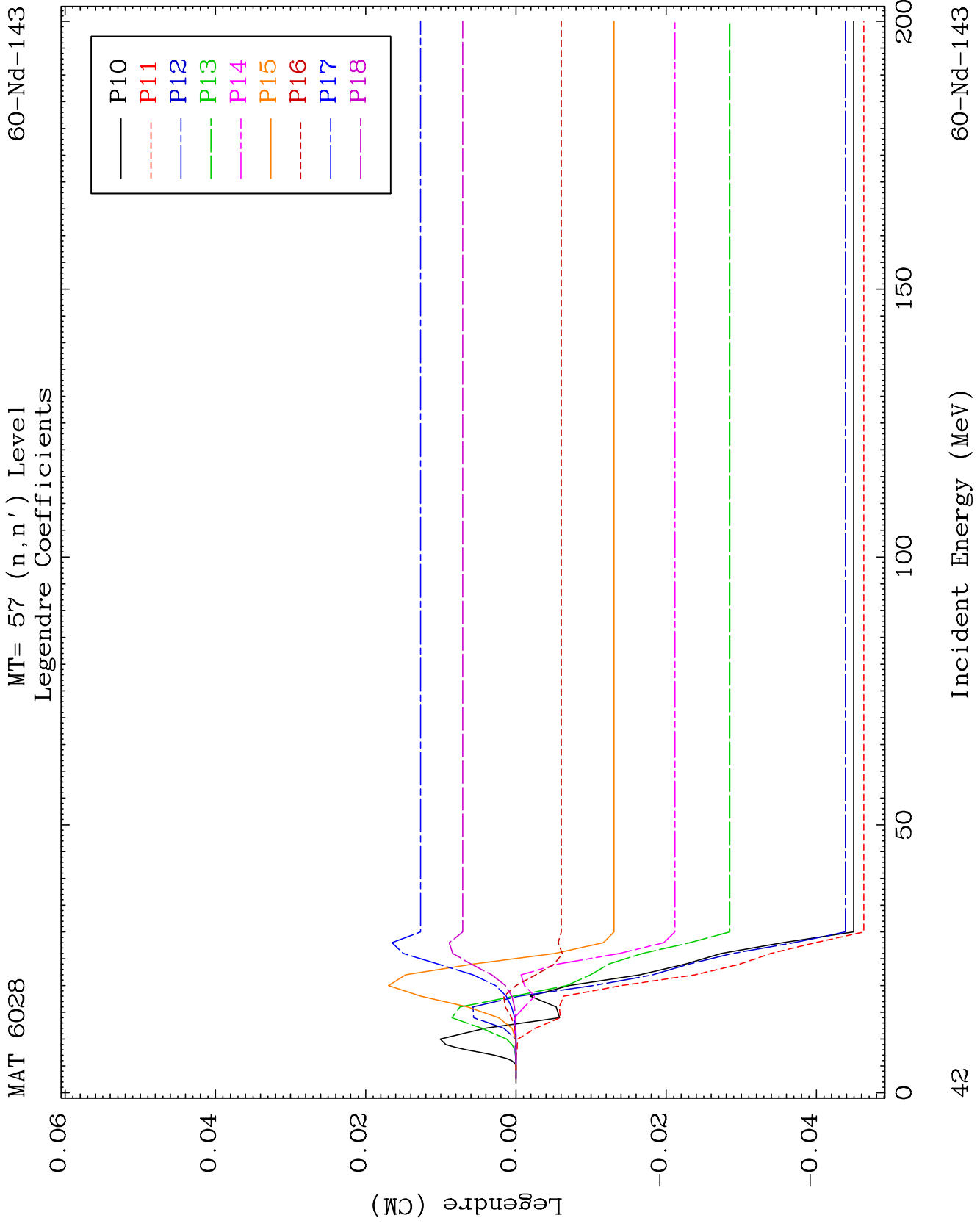
Incident Energy (MeV)

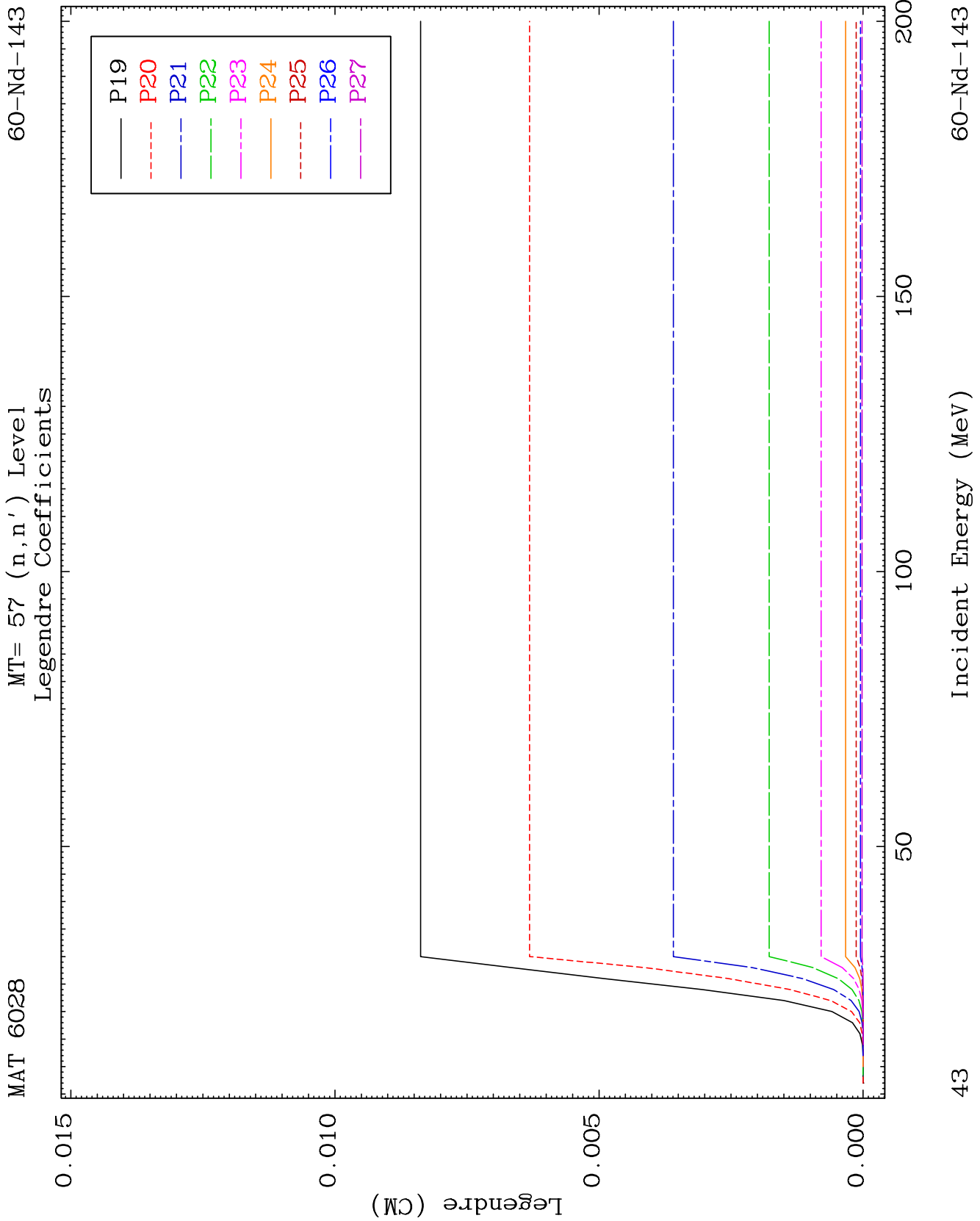
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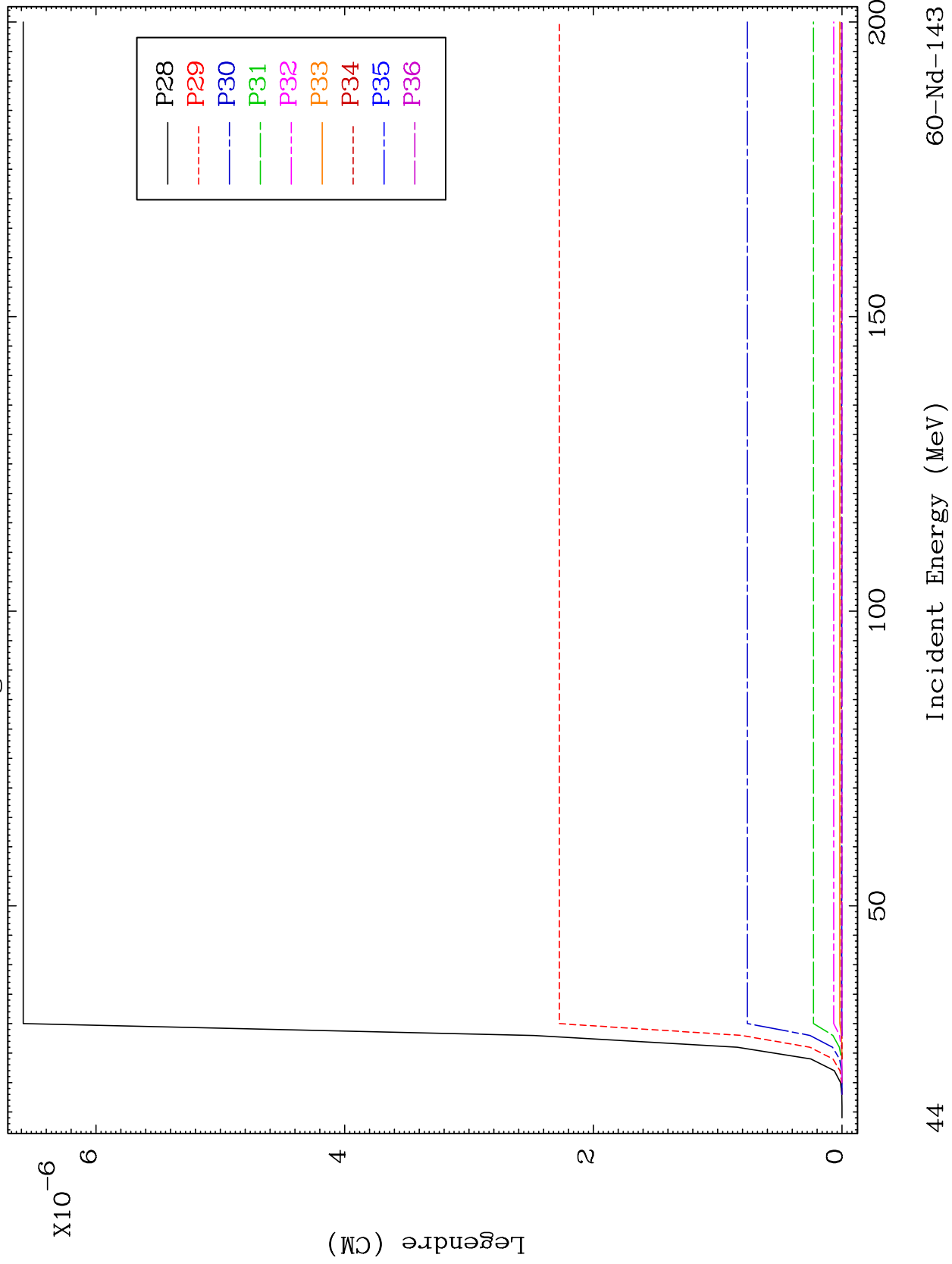




MAT 6028

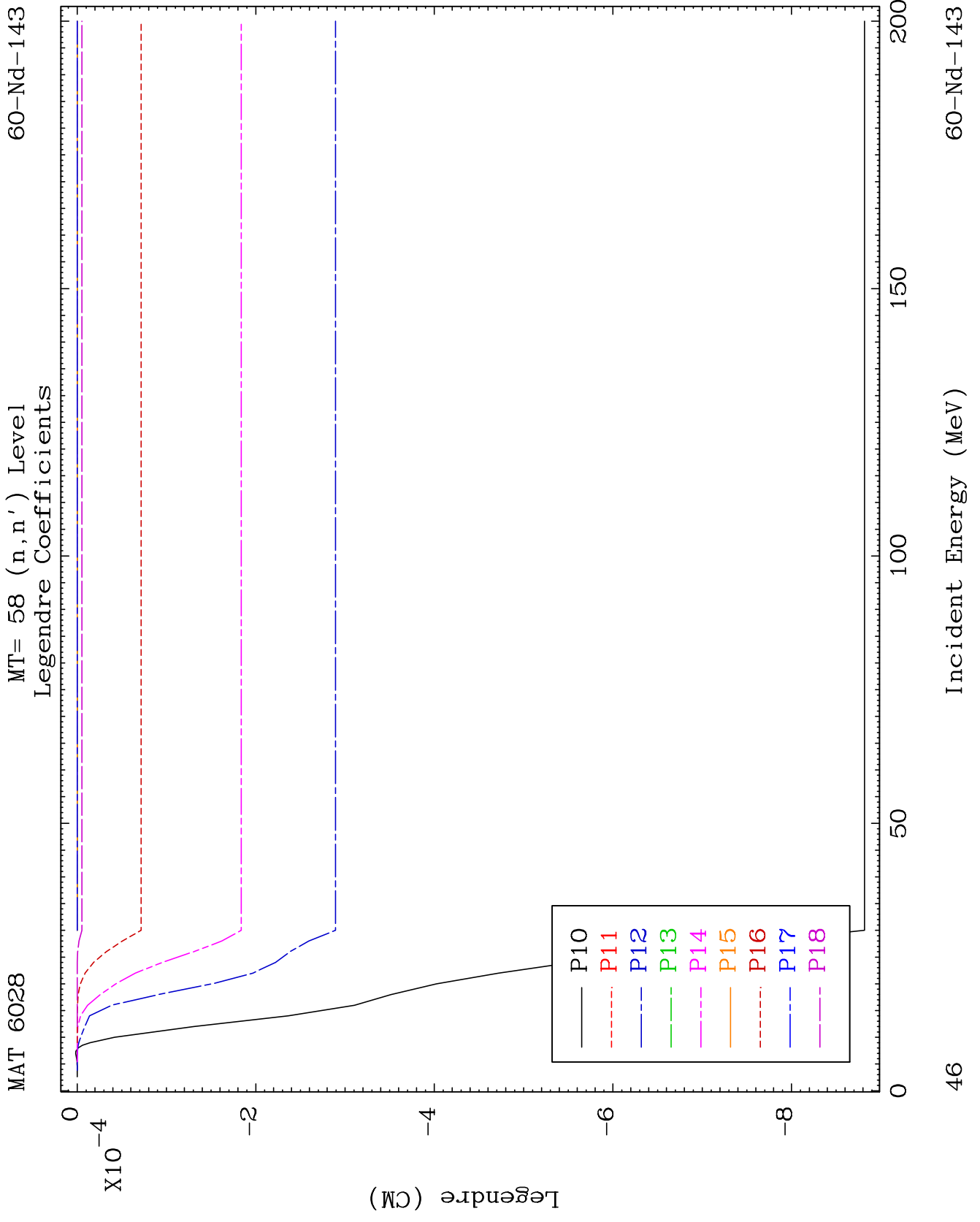
MT= 57 (n,n') Level  
Legendre Coefficients

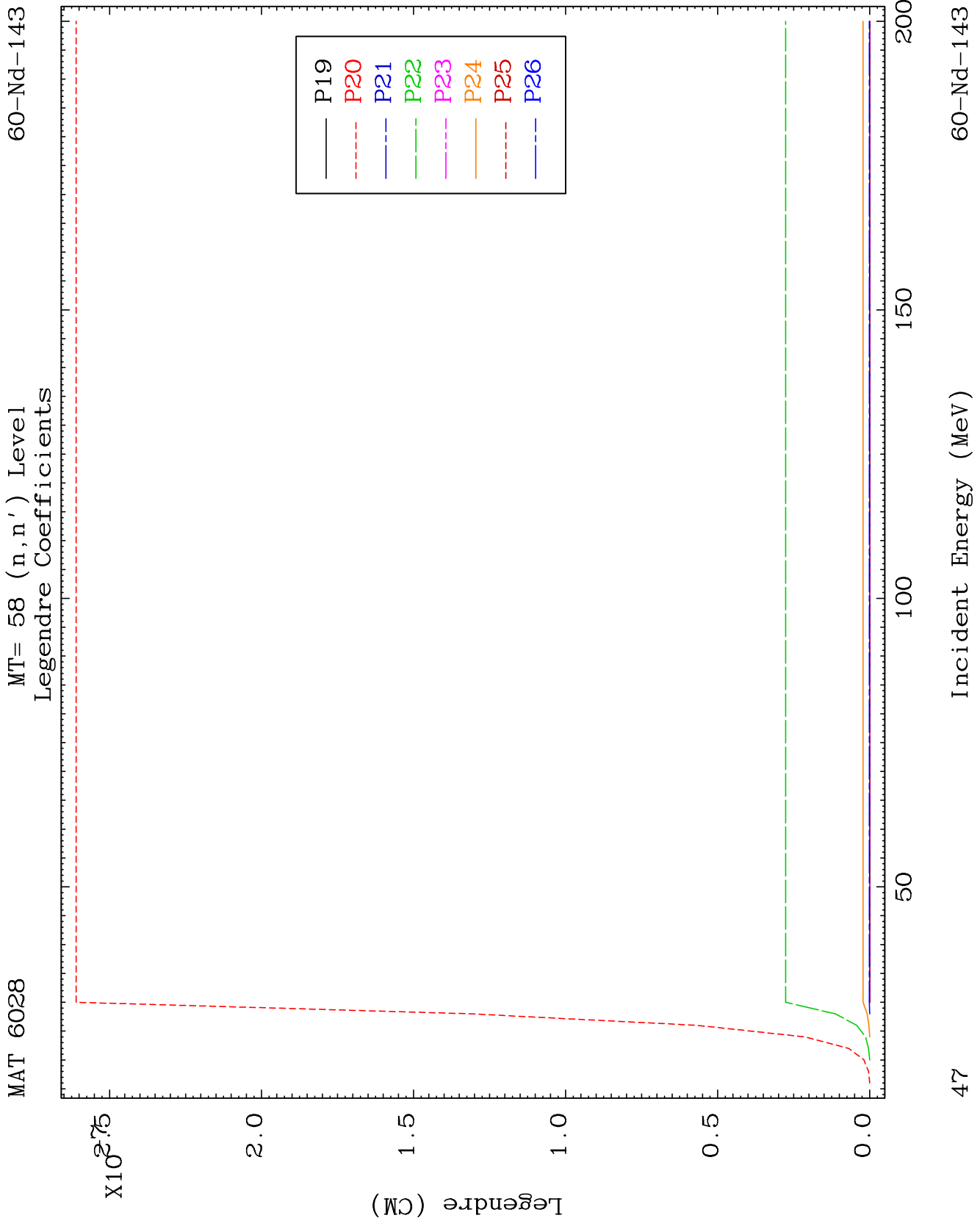
60-Nd-143



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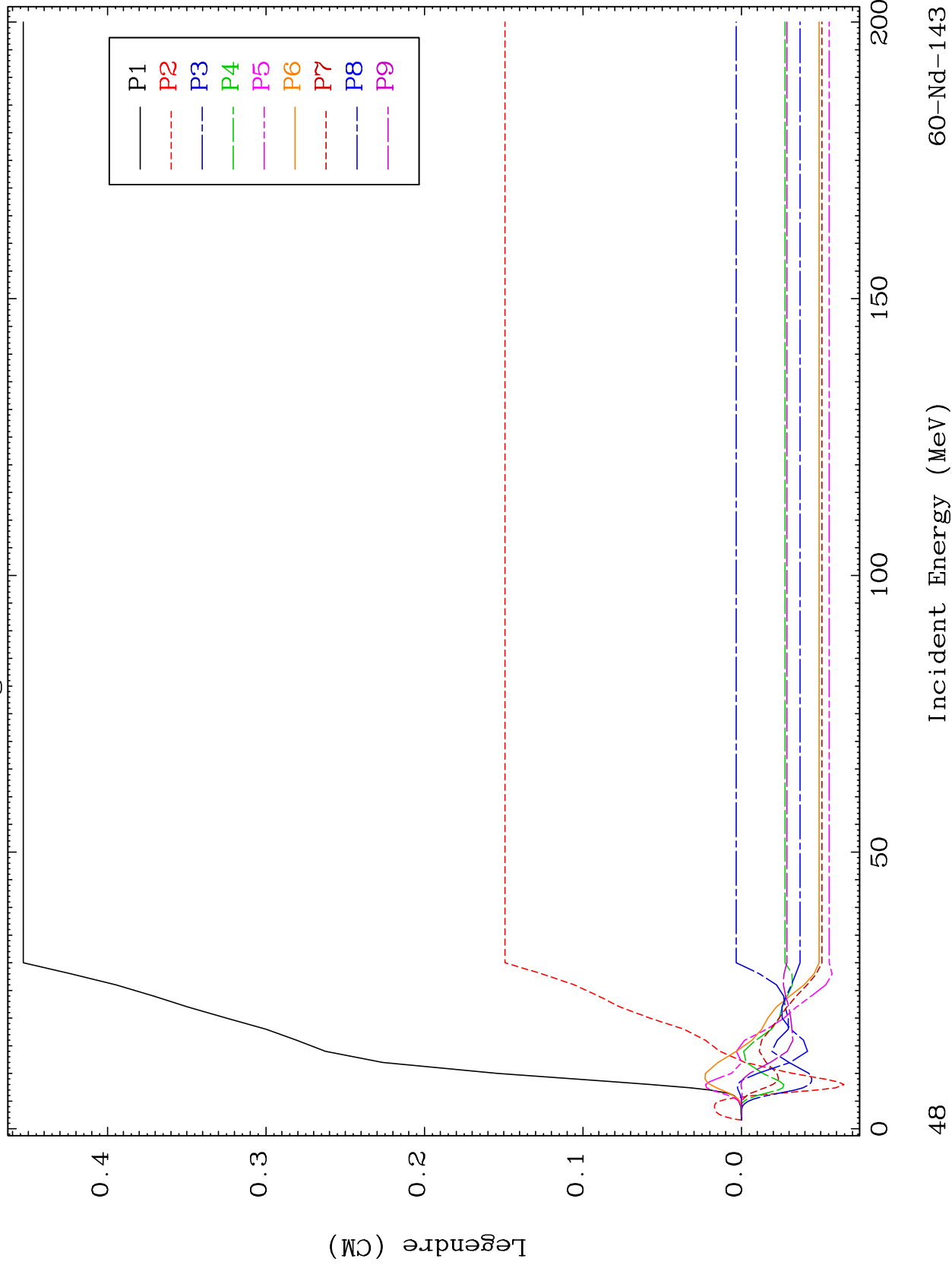




MAT 6028

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

60-Nd-143



60-Nd-143

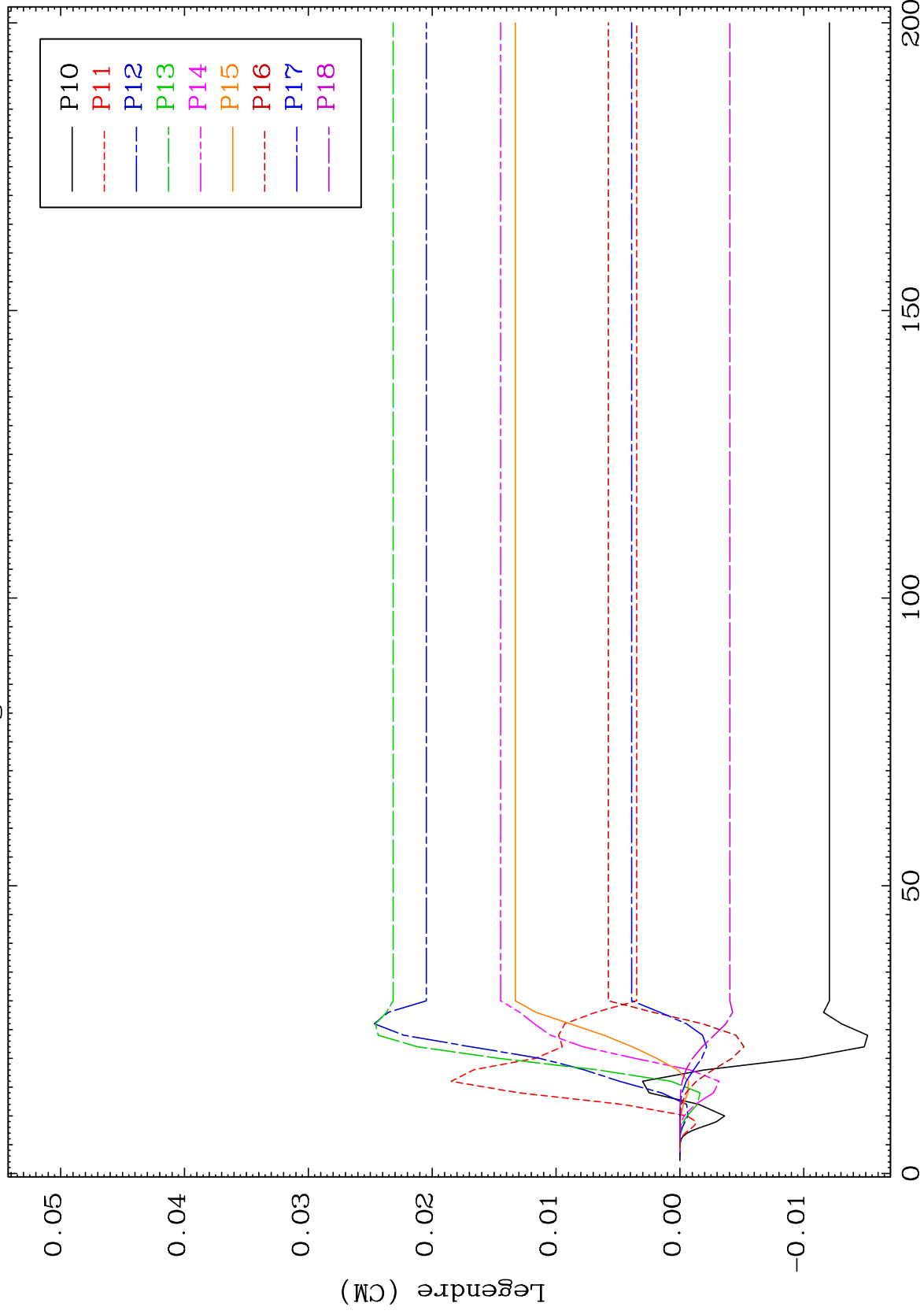
Incident Energy (MeV)

48

MAT 6028

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

60-Nd-143



49

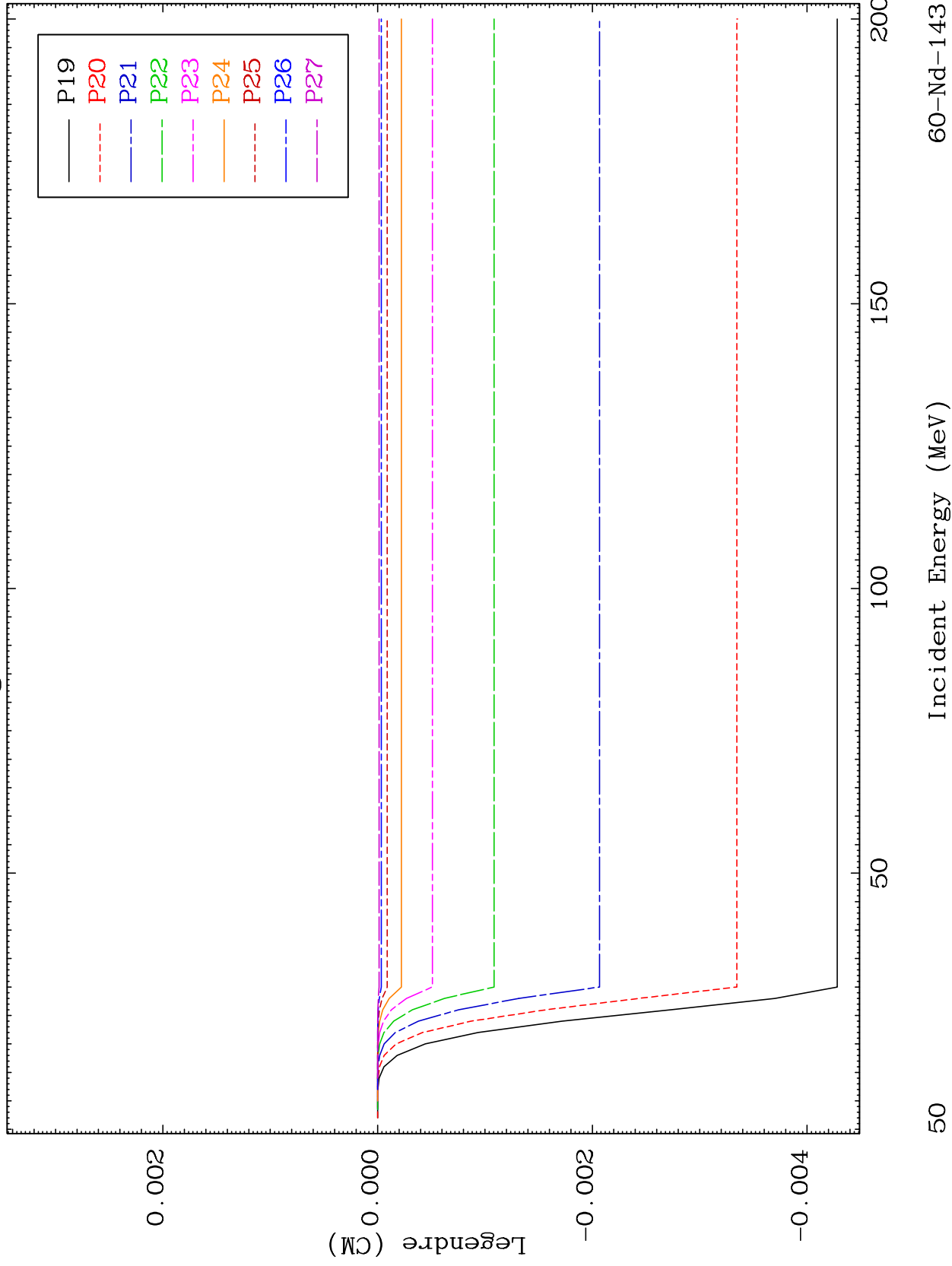
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

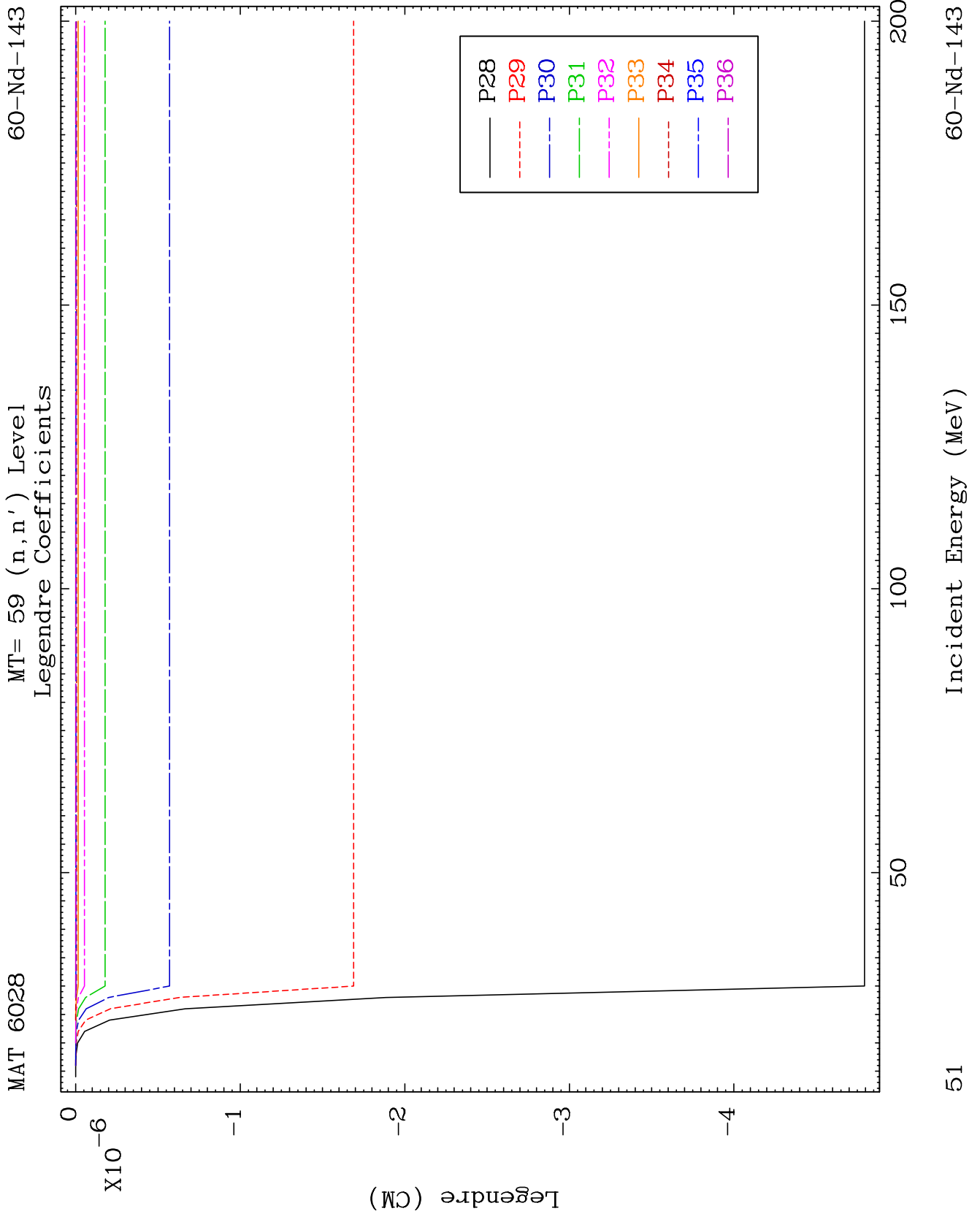
60-Nd-143



60-Nd-143

Incident Energy (MeV)

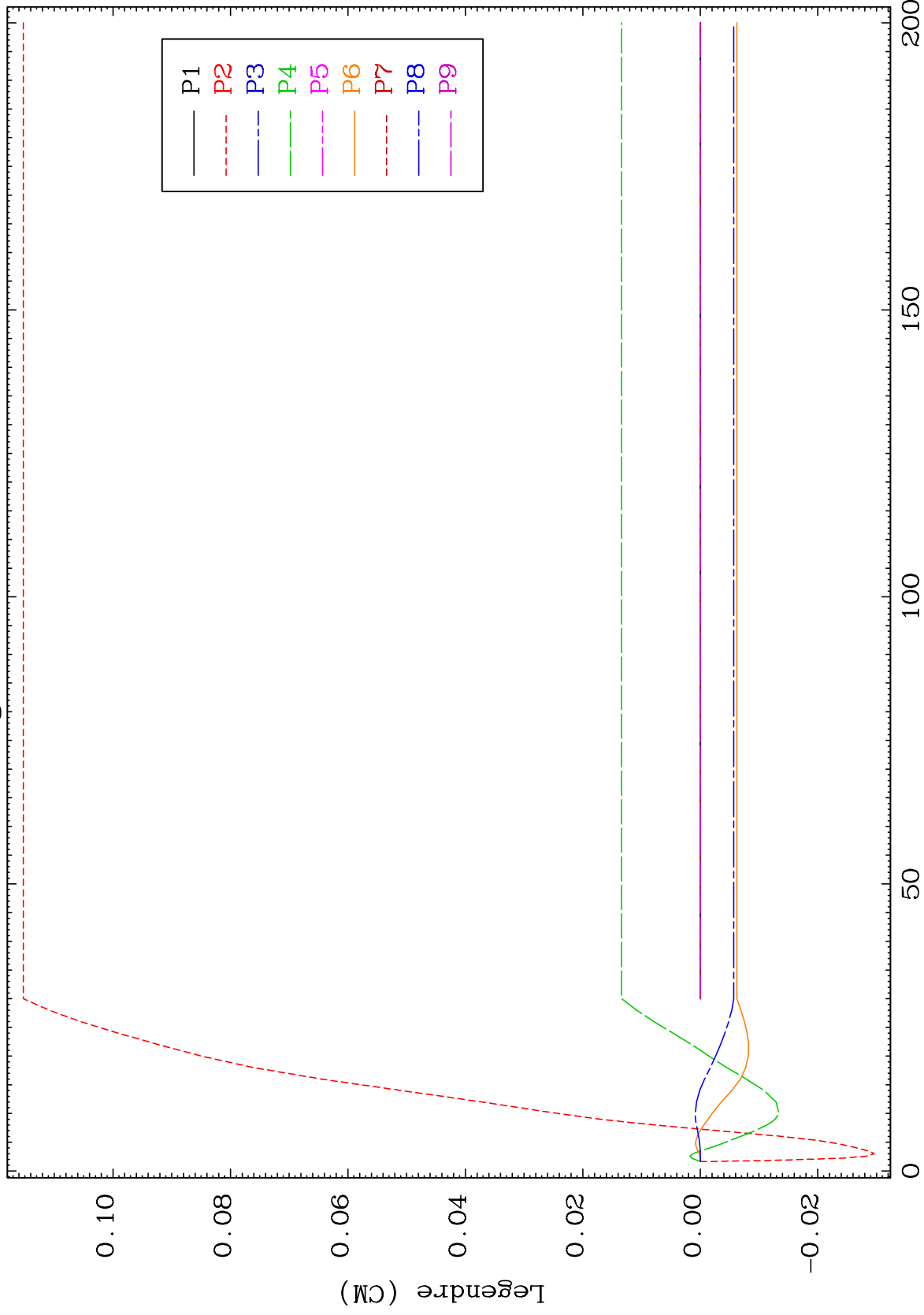
50



MAT 6028

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

60-Nd-143



52

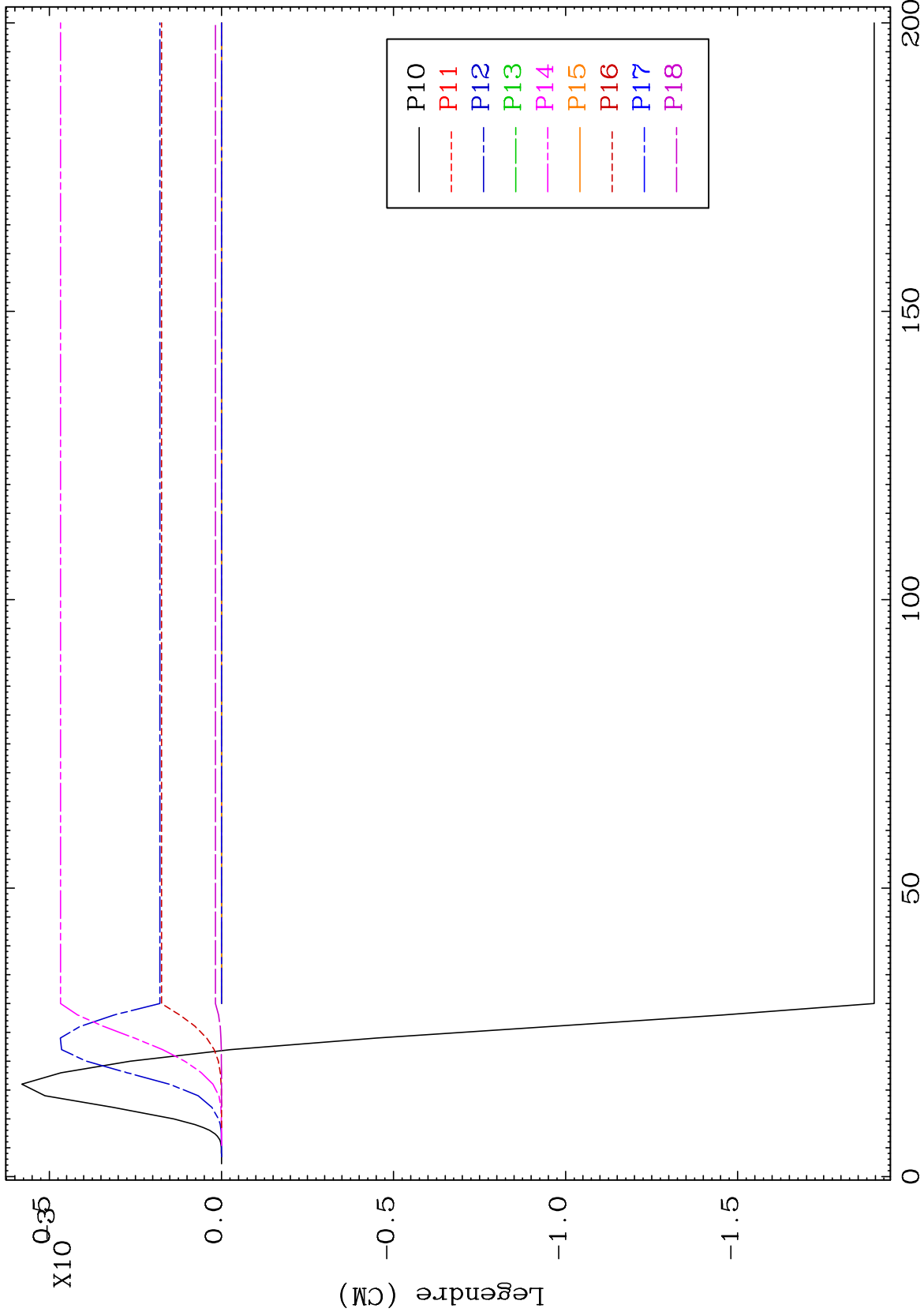
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

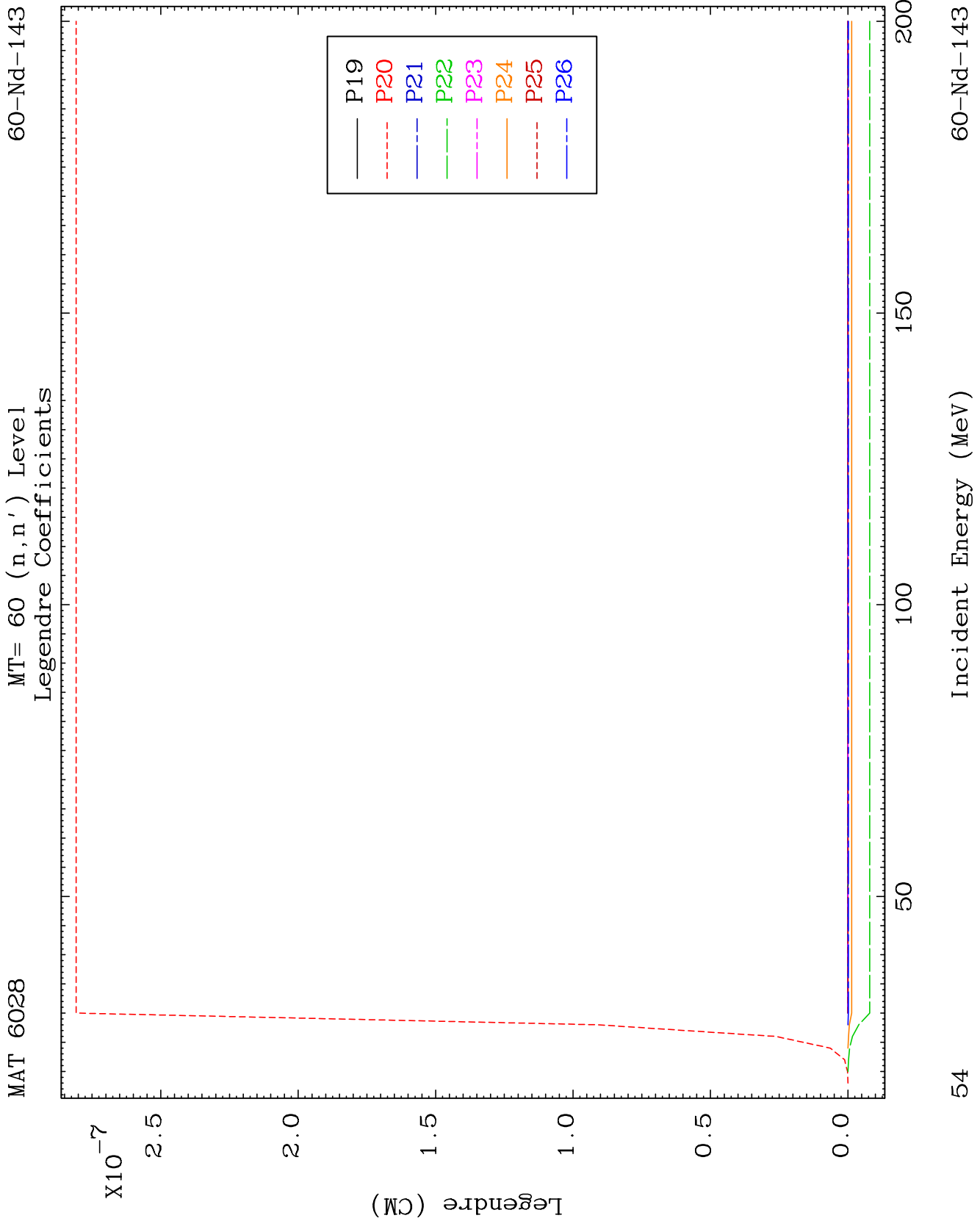
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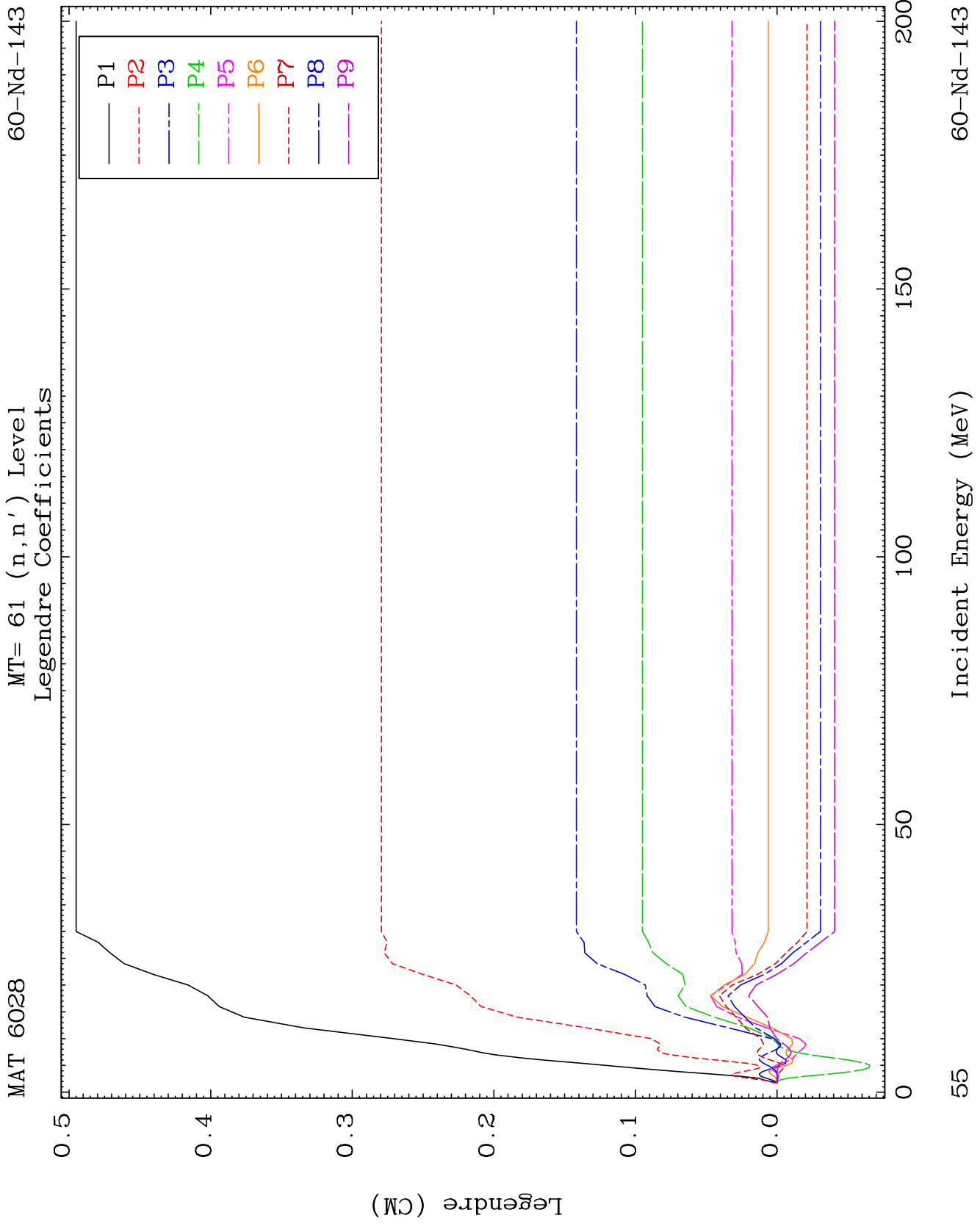


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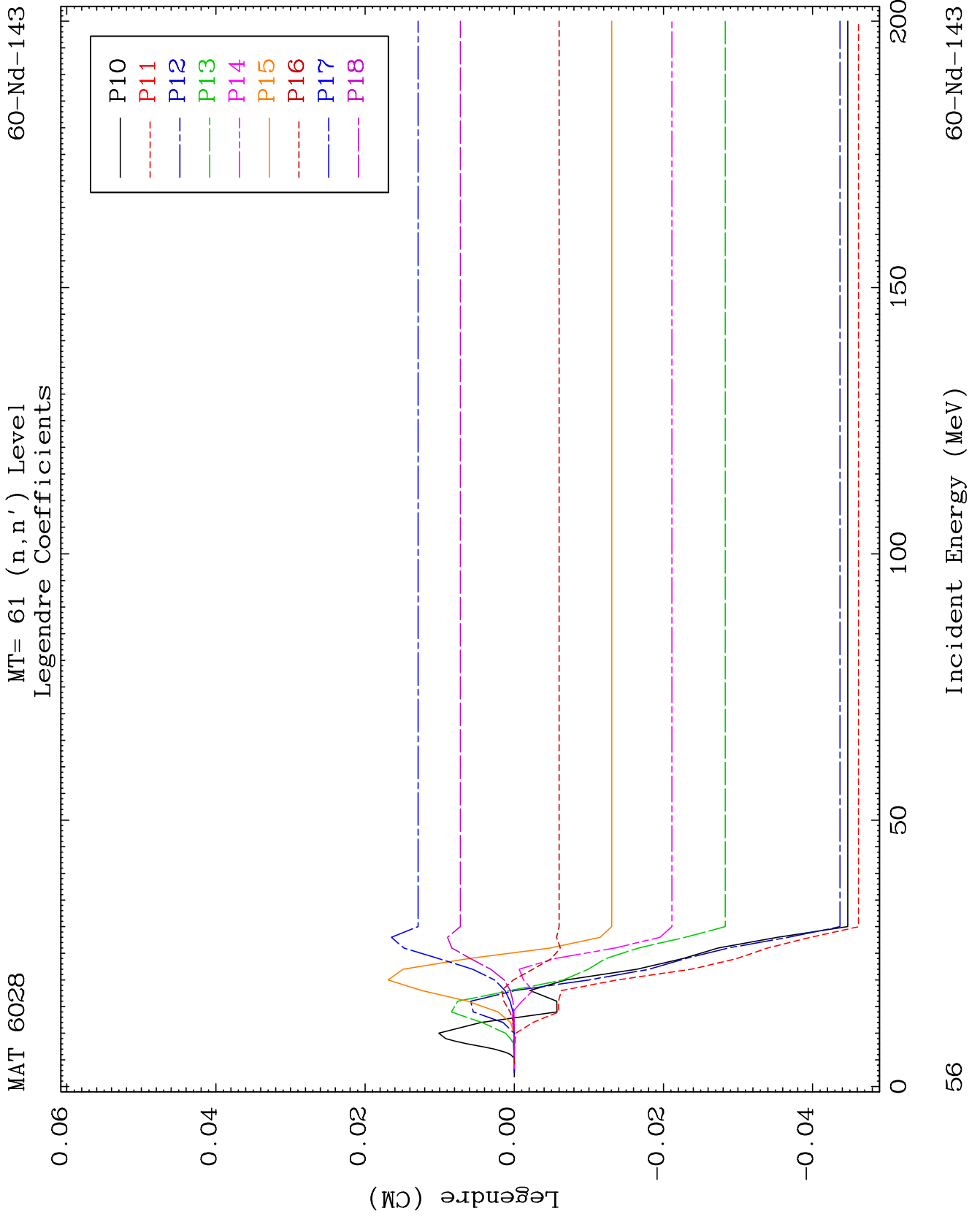
Incident Energy (MeV)

60-Nd-143







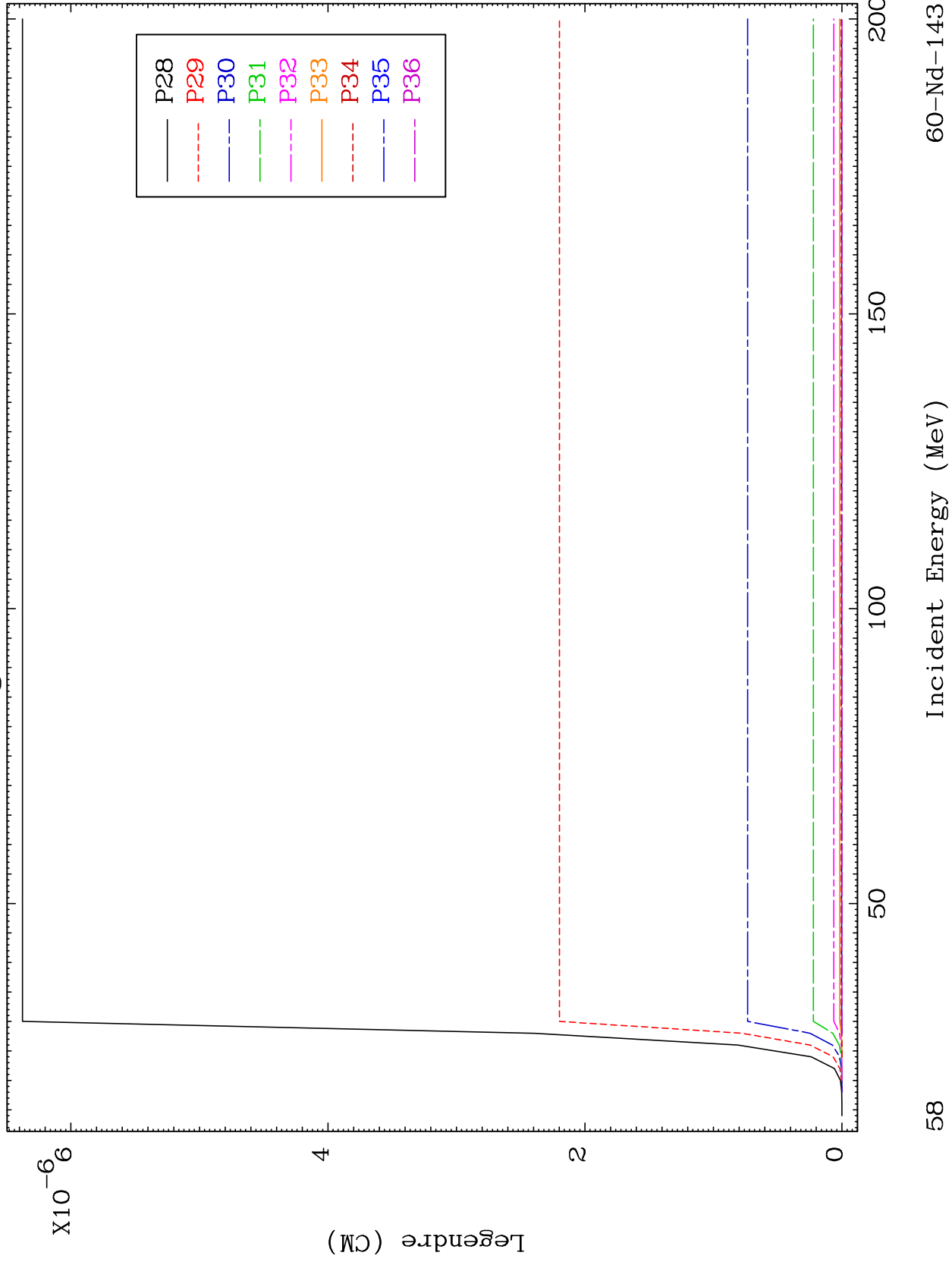




MAT 6028

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

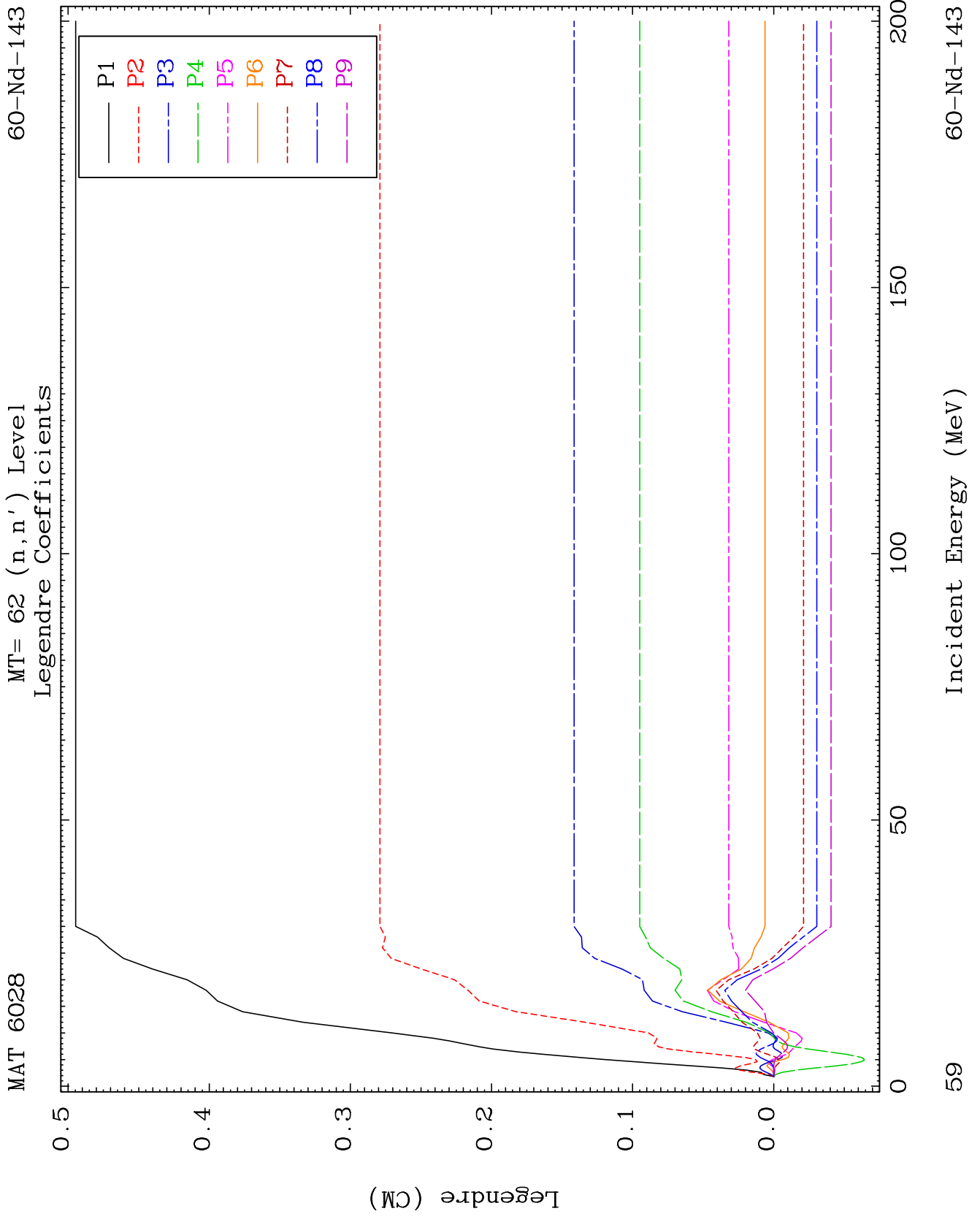
60-Nd-143



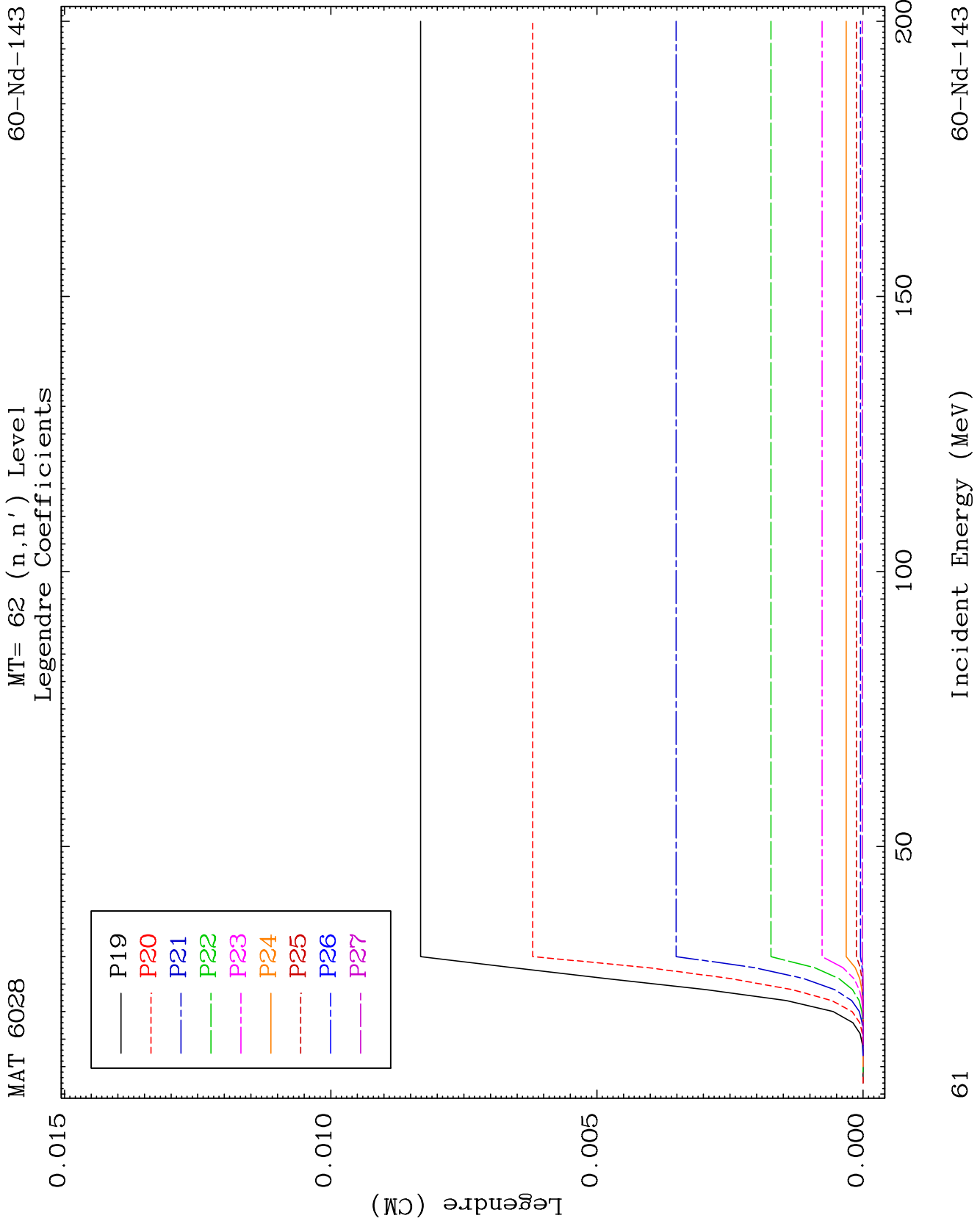
58

Incident Energy (MeV)

60-Nd-143



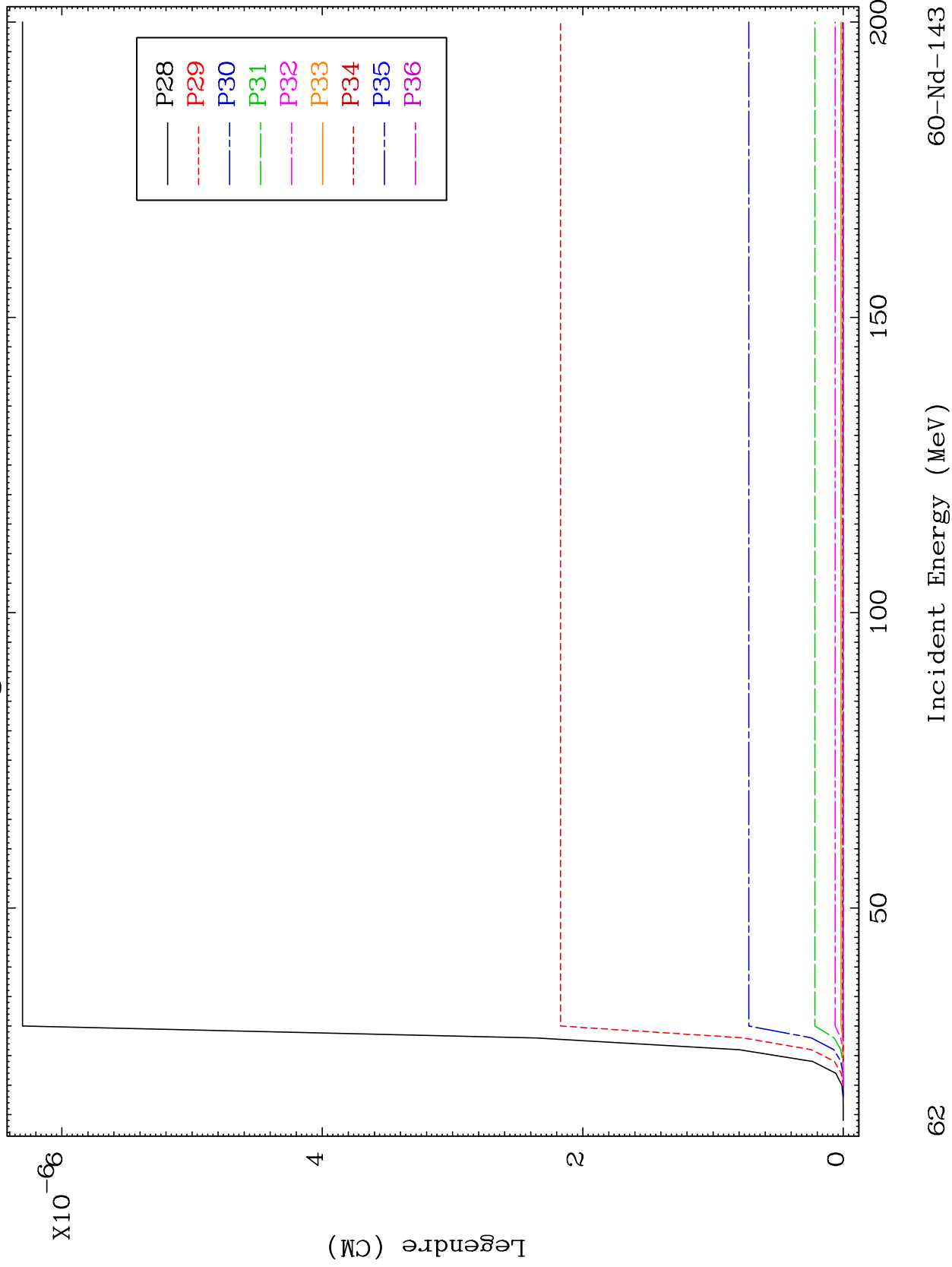




MAT 6028

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

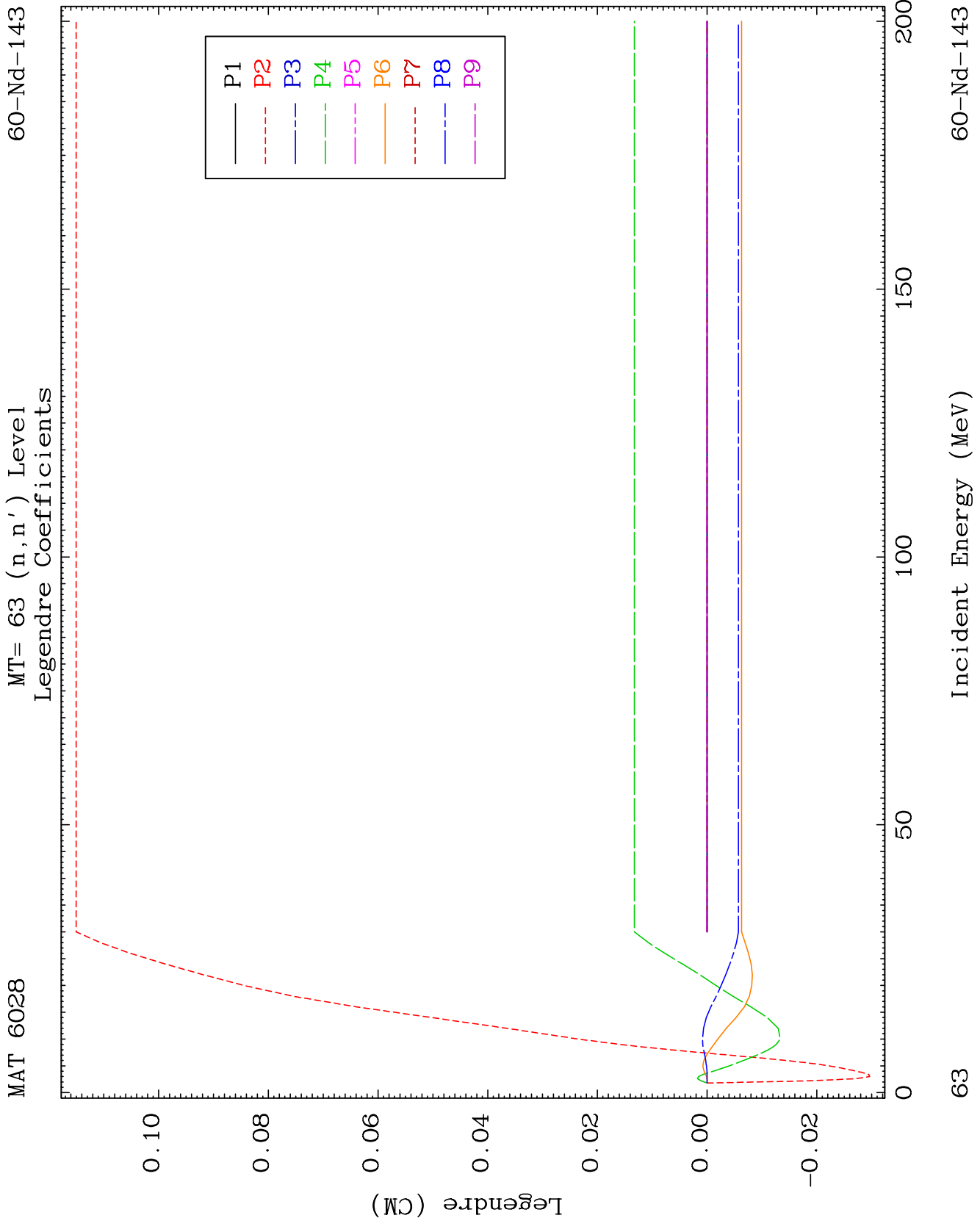
60-Nd-143



62

Incident Energy (MeV)

60-Nd-143

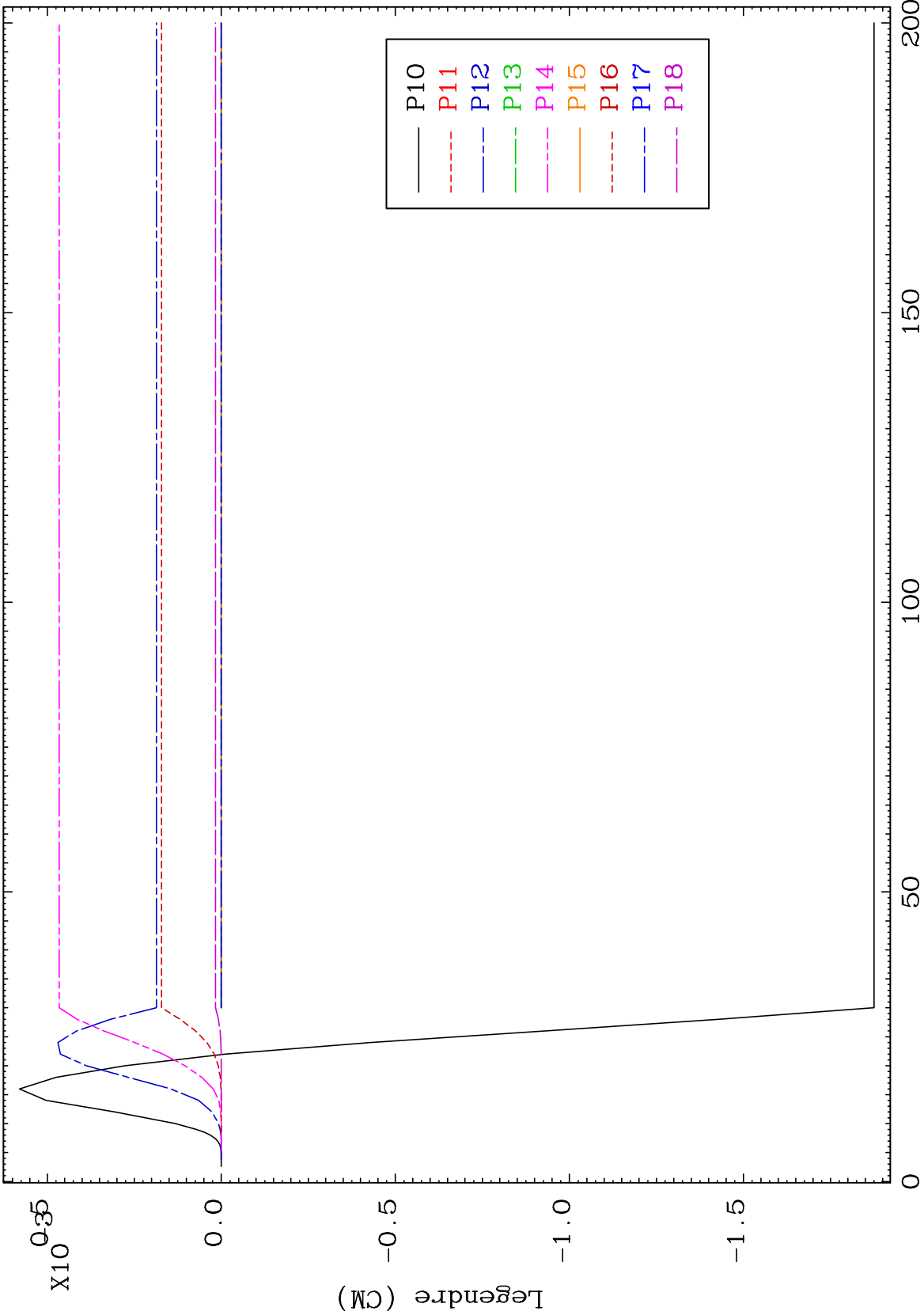




MAT 6028

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

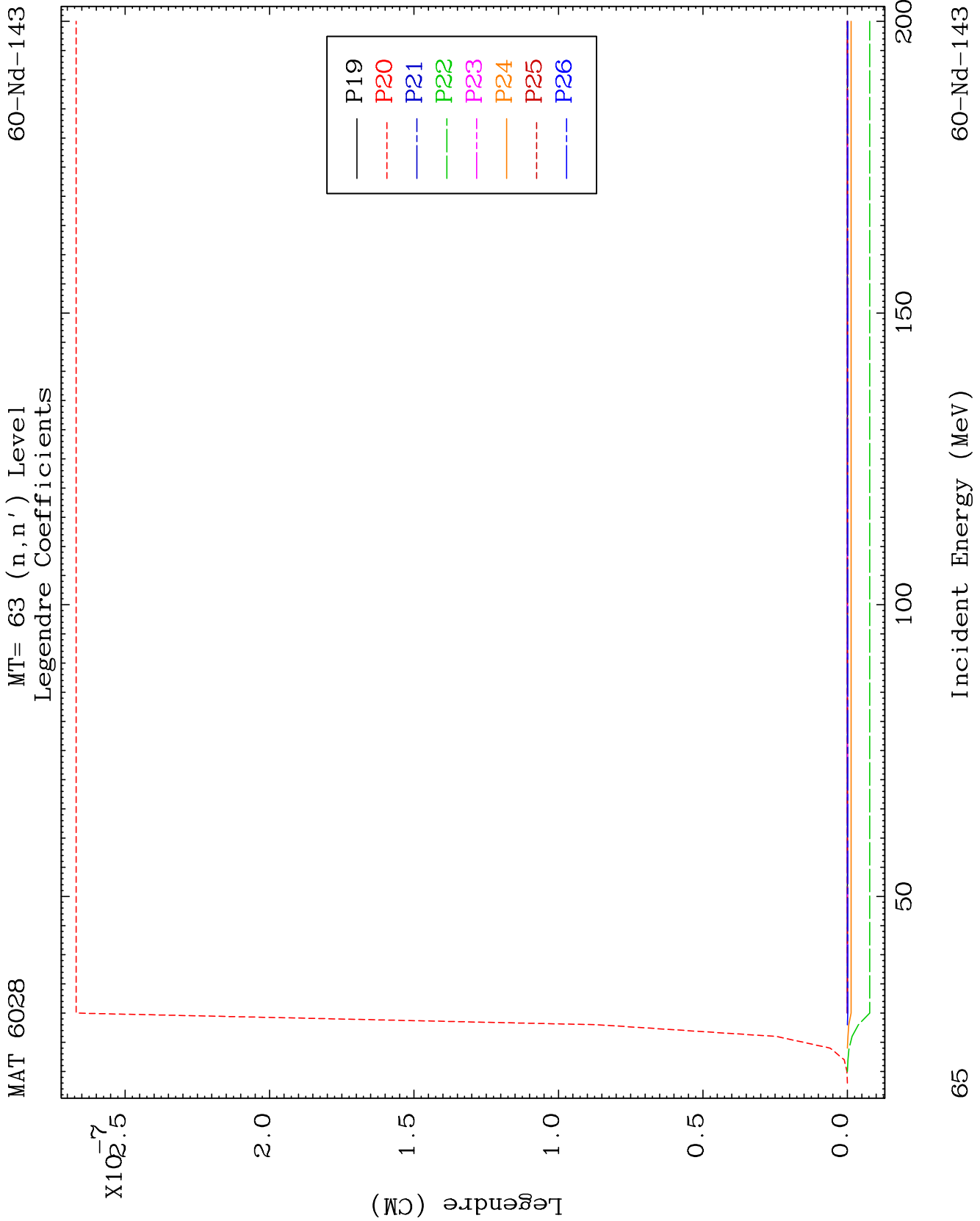
60-Nd-143

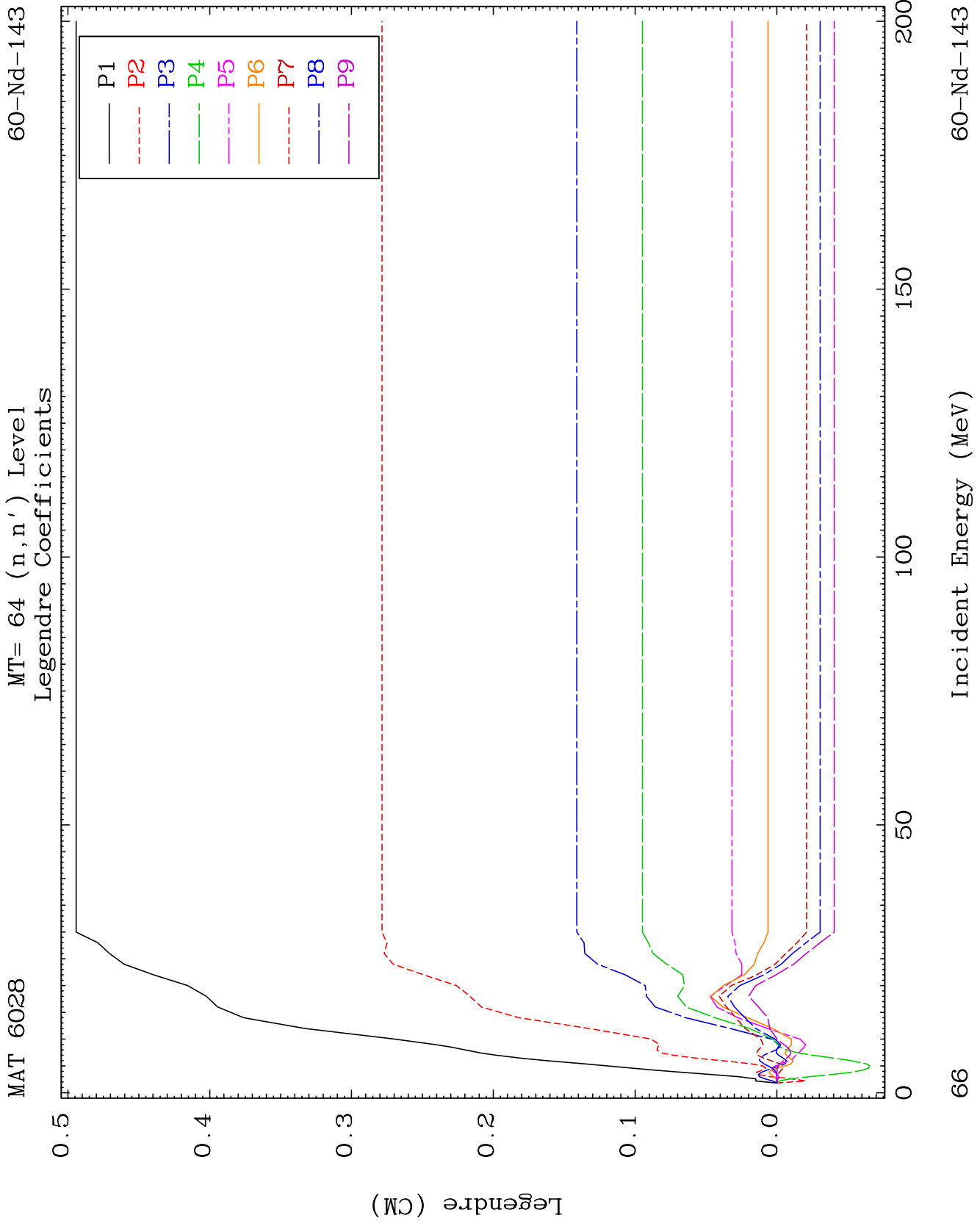


64

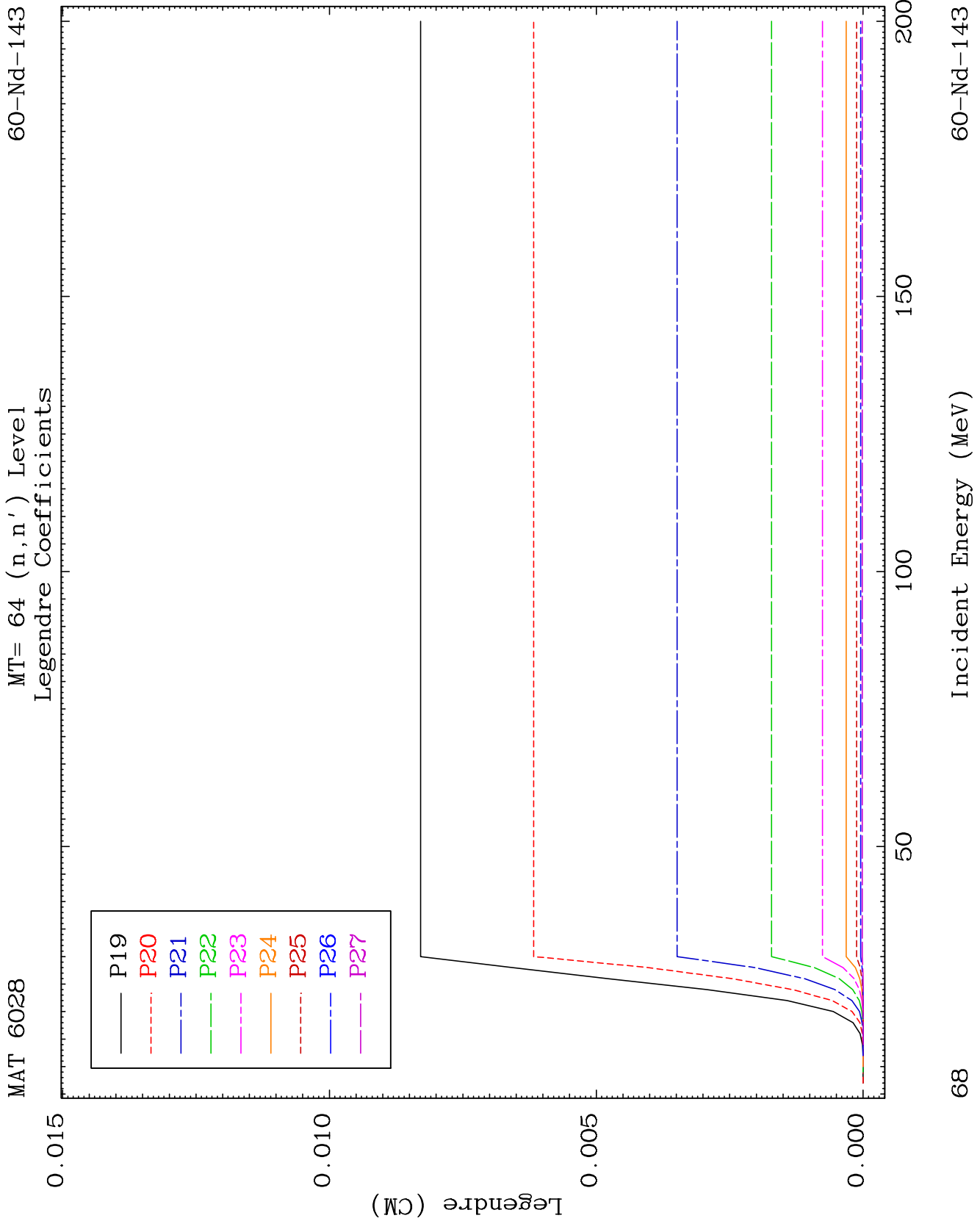
Incident Energy (MeV)

60-Nd-143





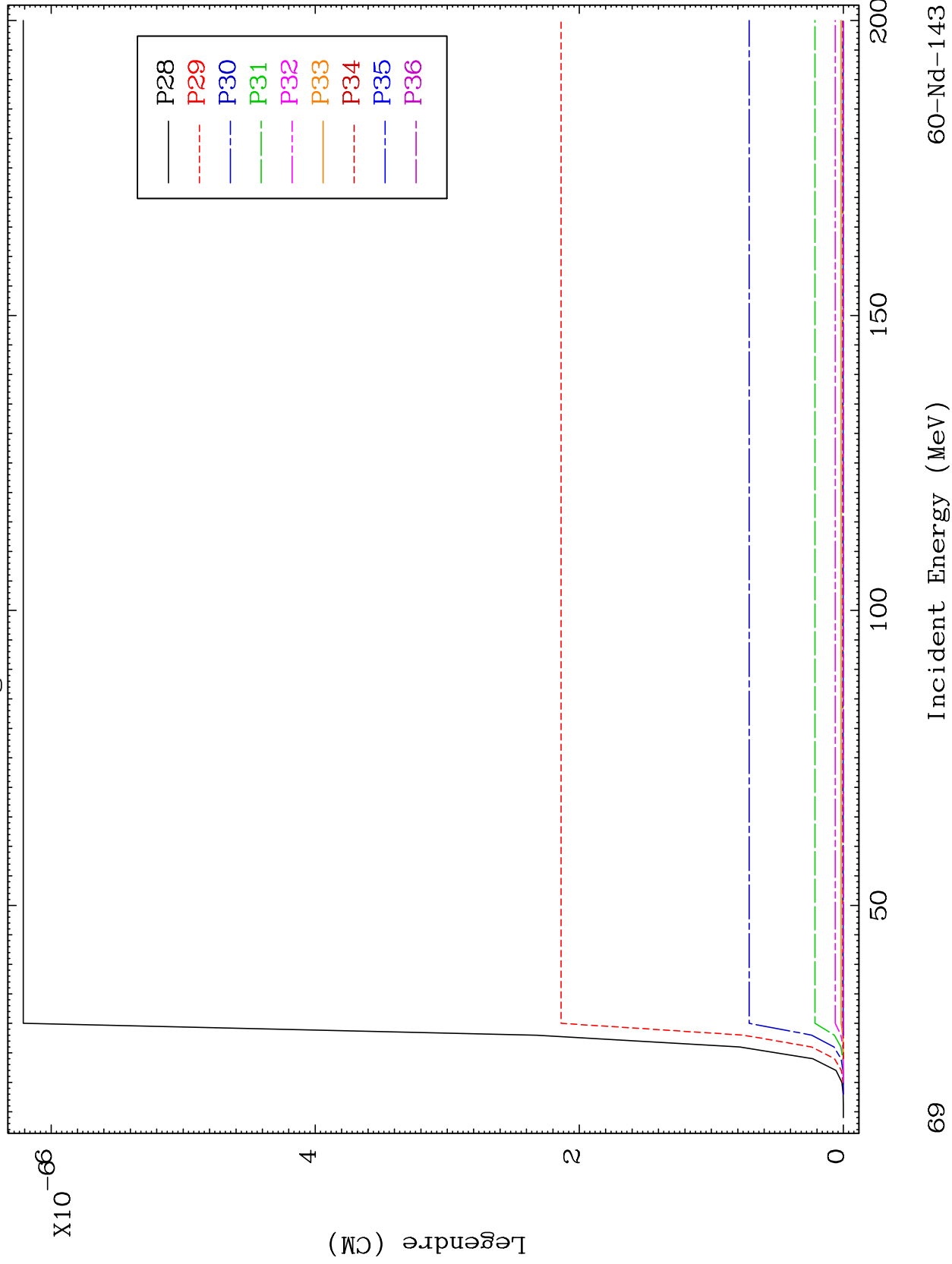


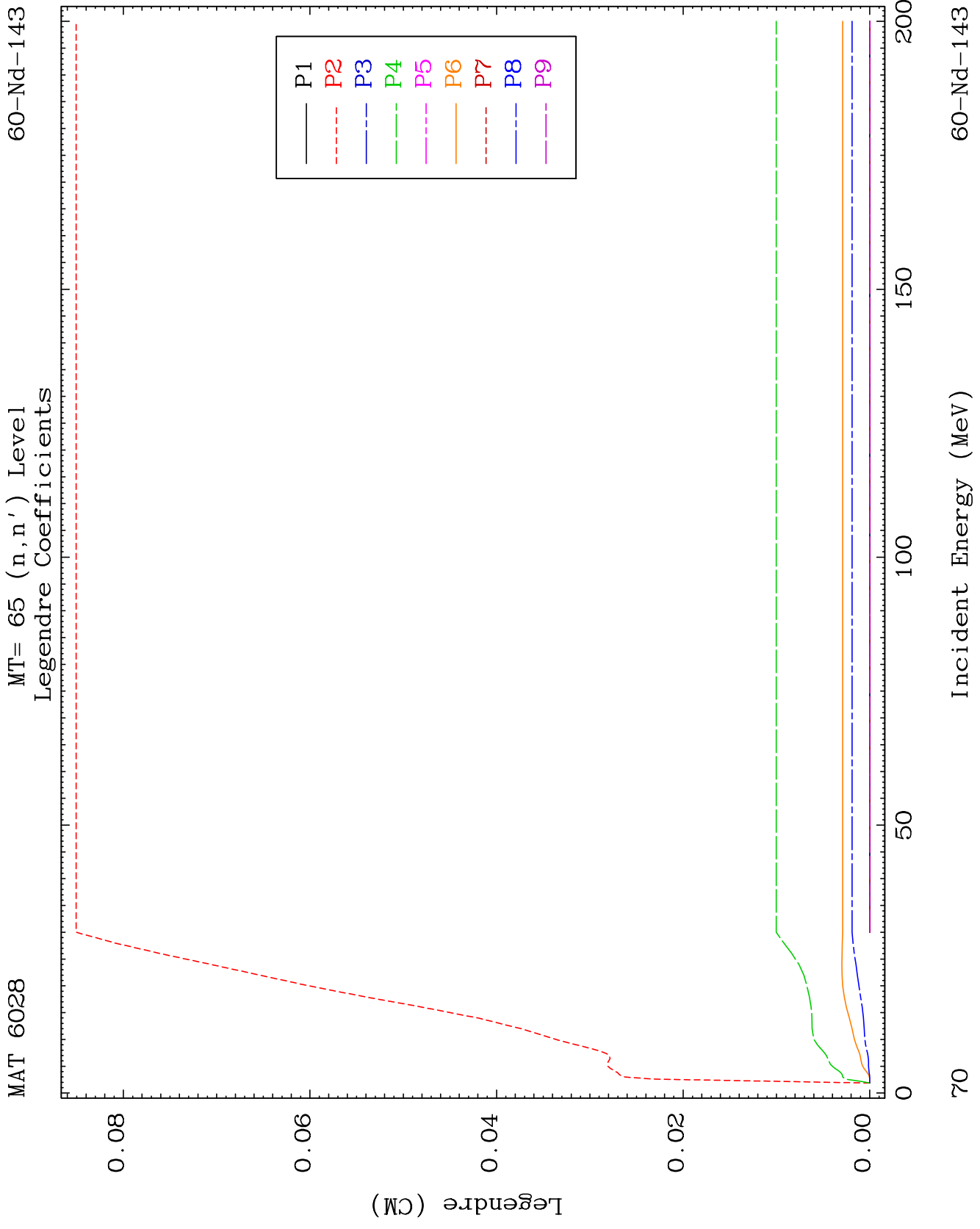


MAT 6028

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

60-Nd-143

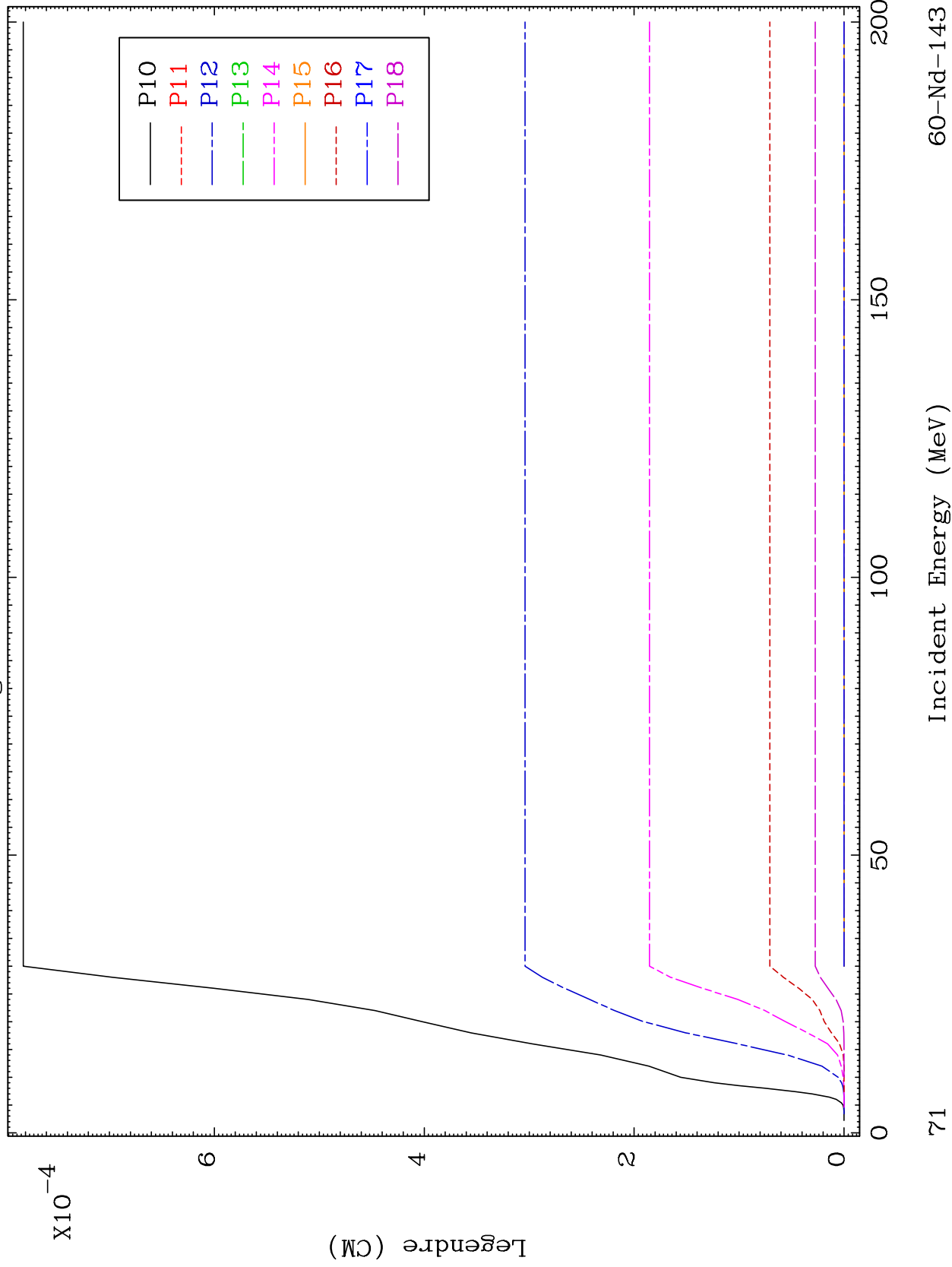




MAT 6028

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

60-Nd-143



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Incident Energy (MeV)

60-Nd-143



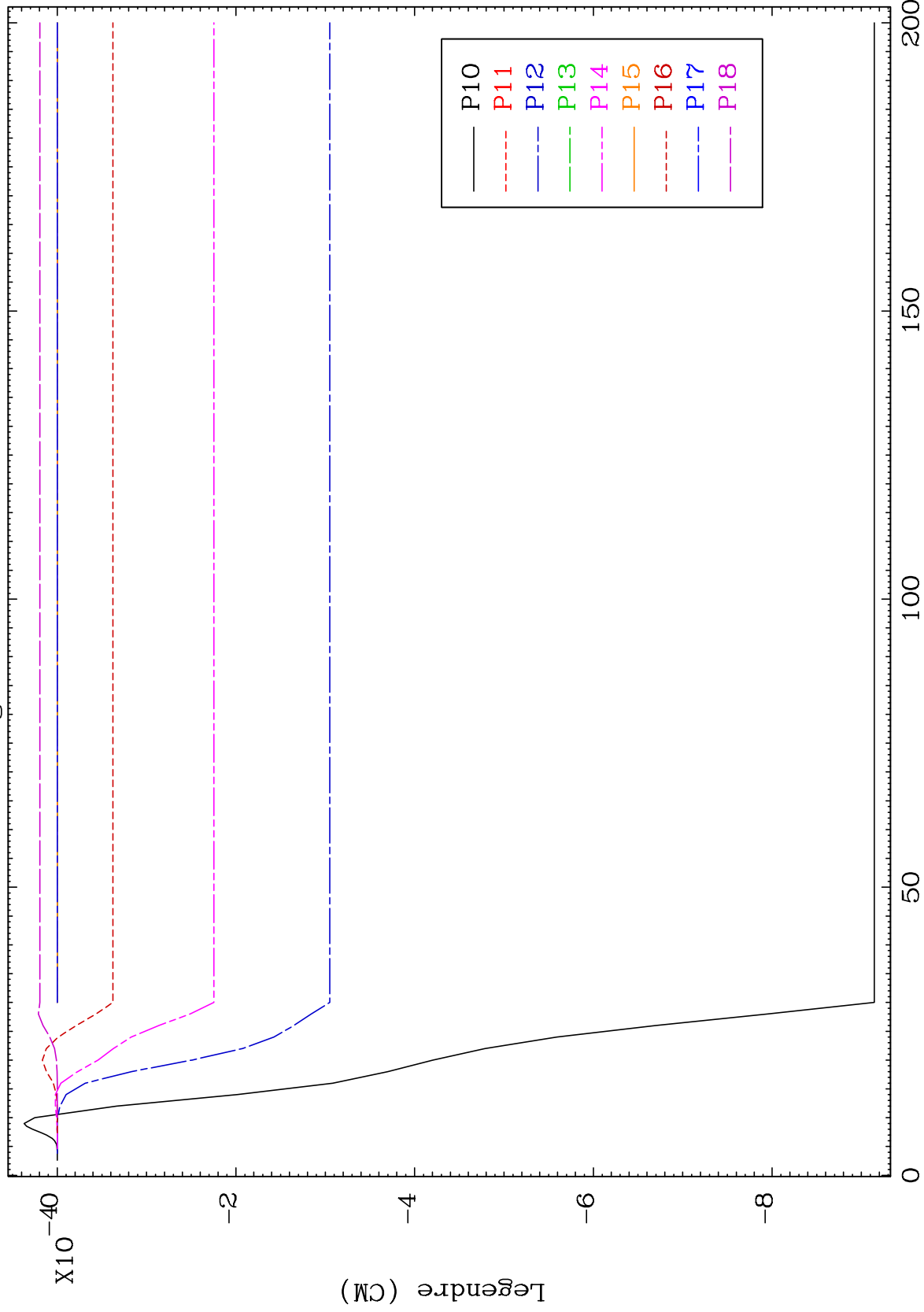




MAT 6028

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

60-Nd-143

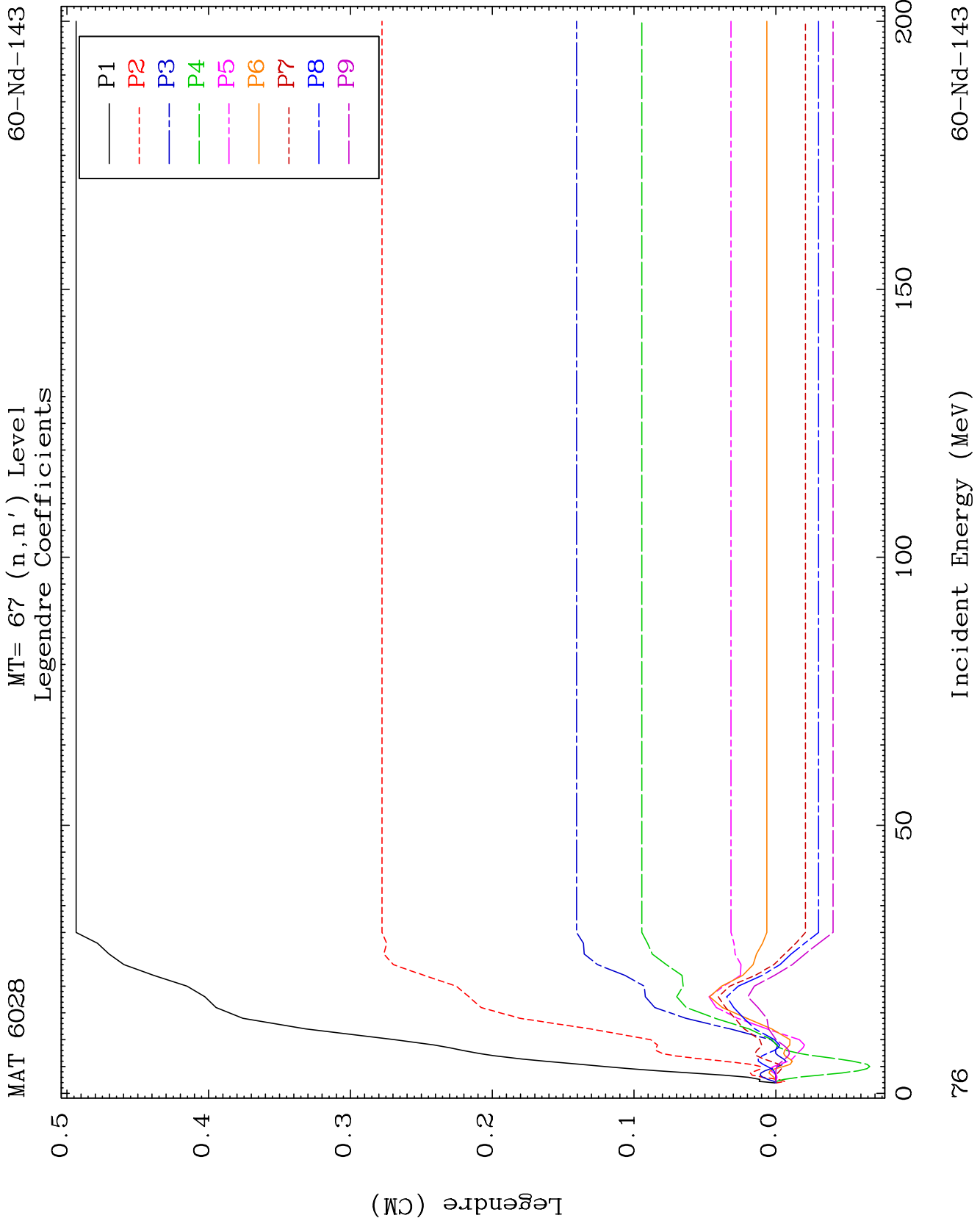


74

Incident Energy (MeV)

60-Nd-143



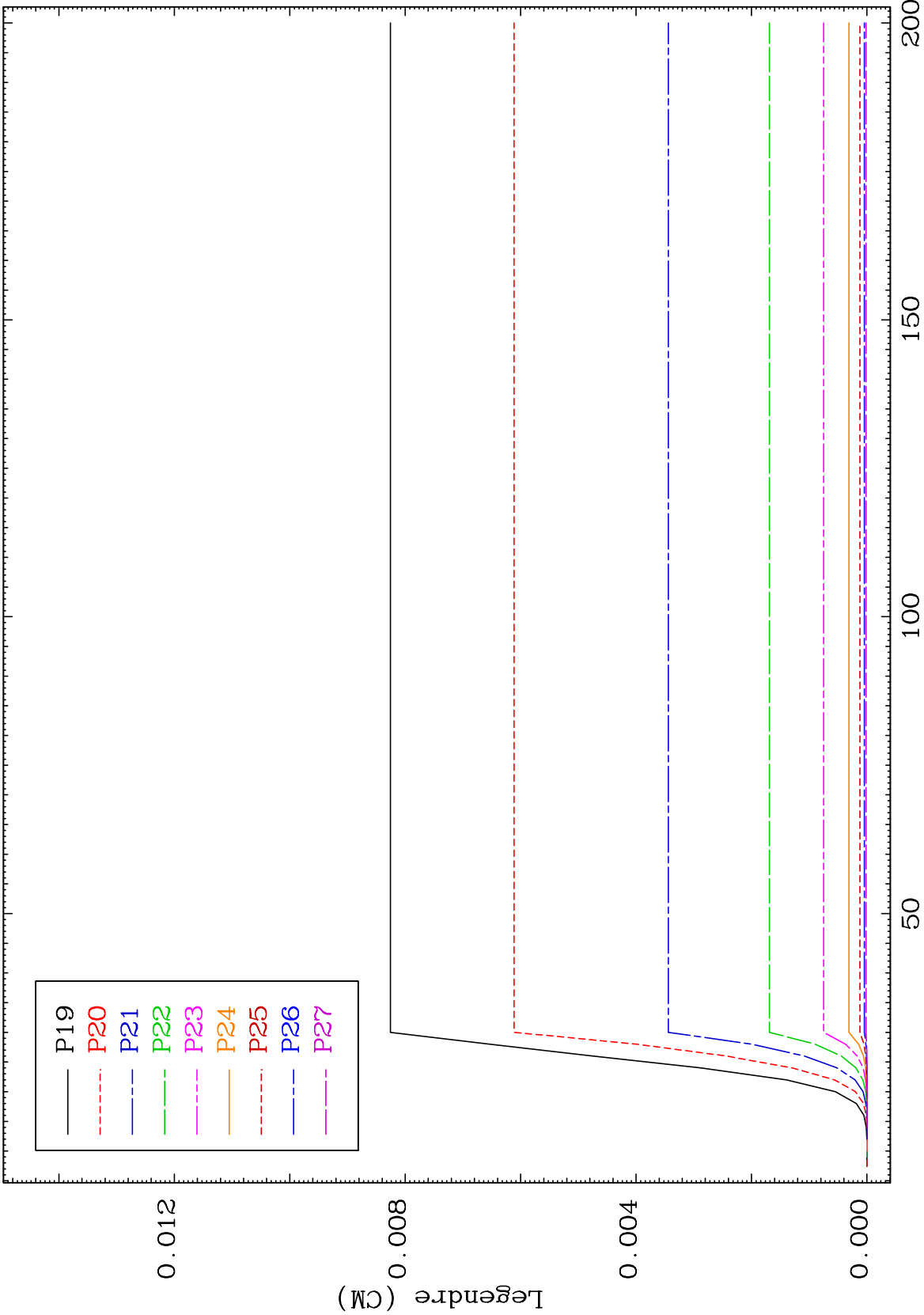




MAT 6028

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

60-Nd-143



78

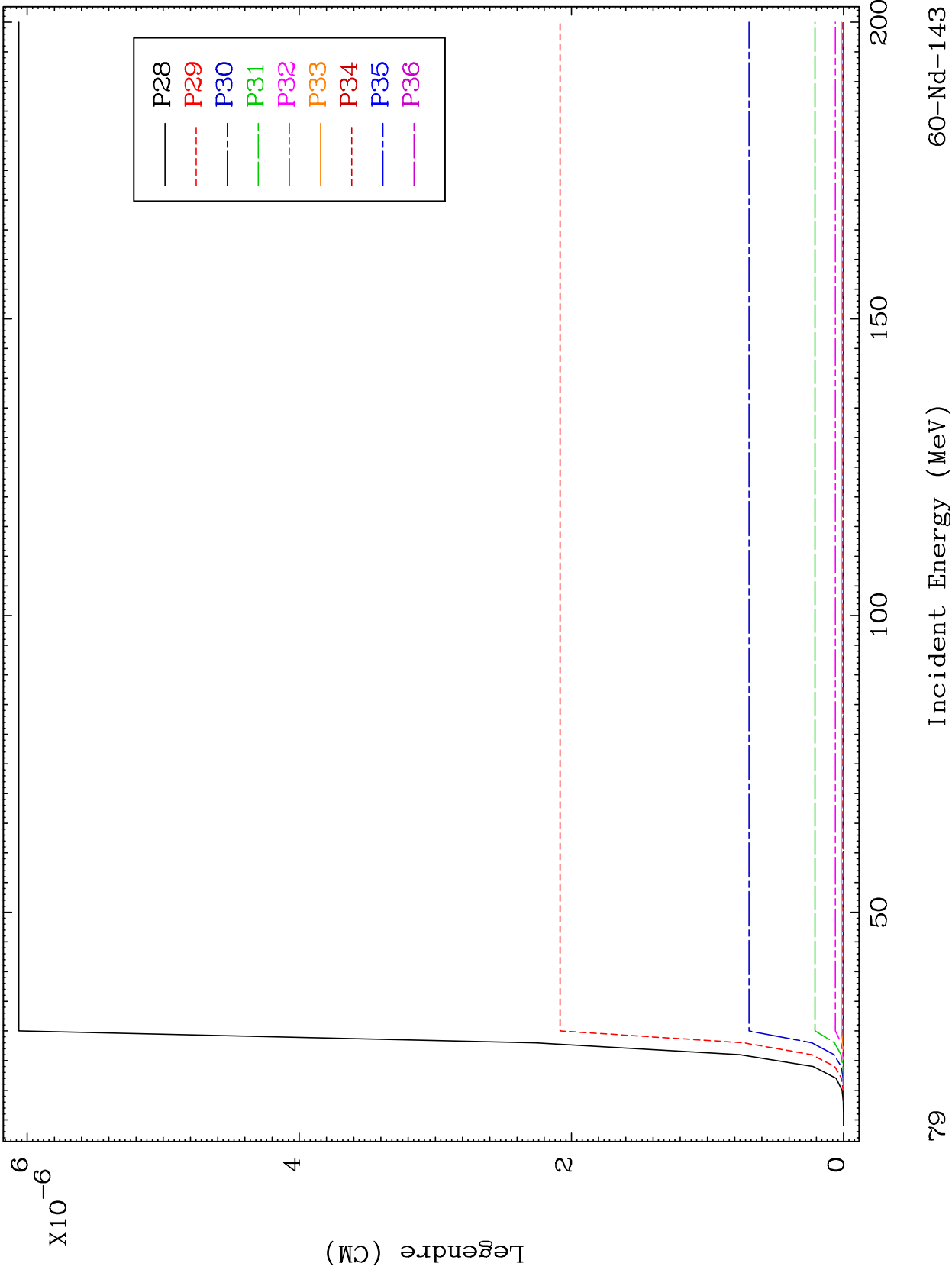
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



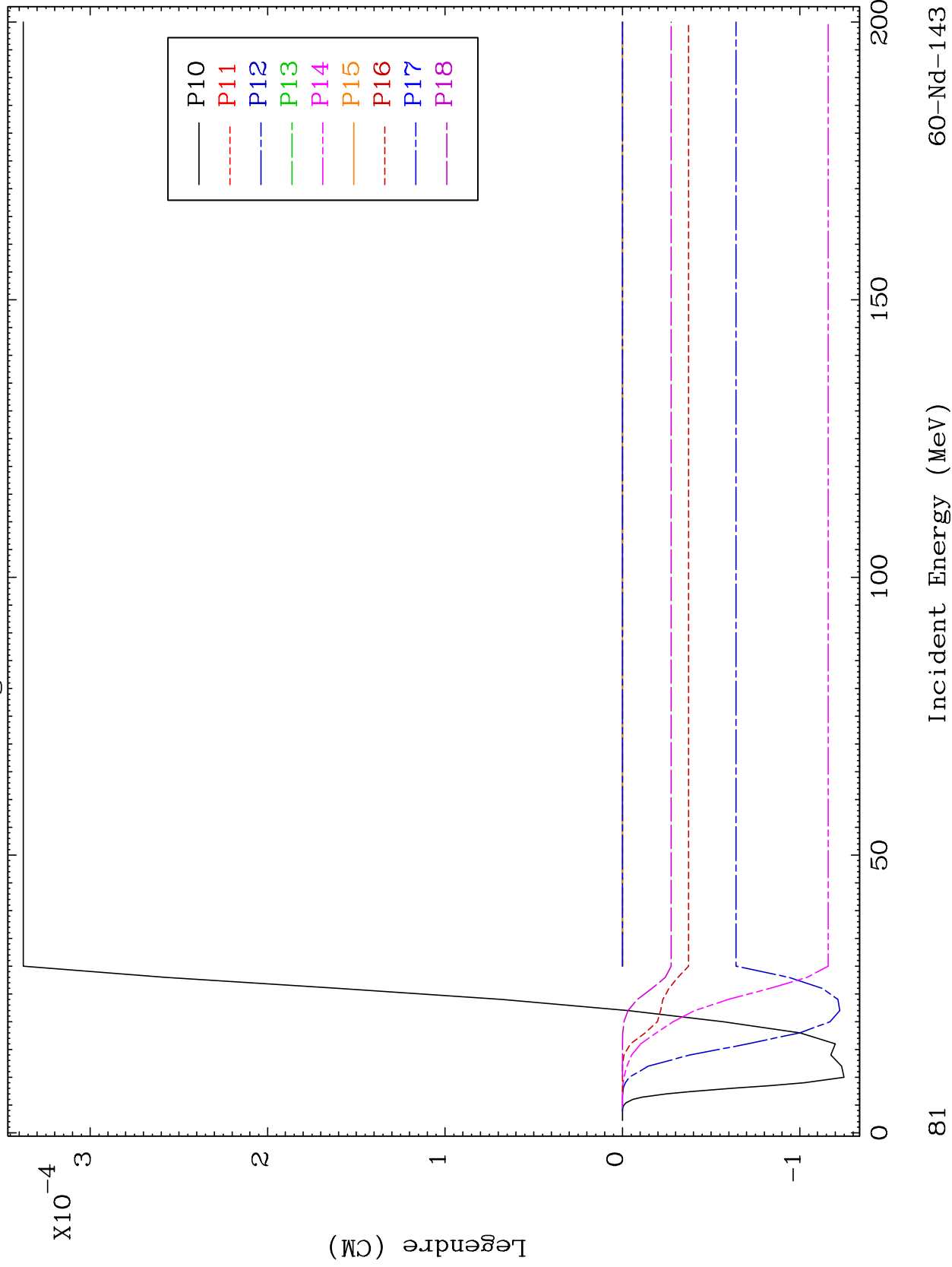




MAT 6028

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

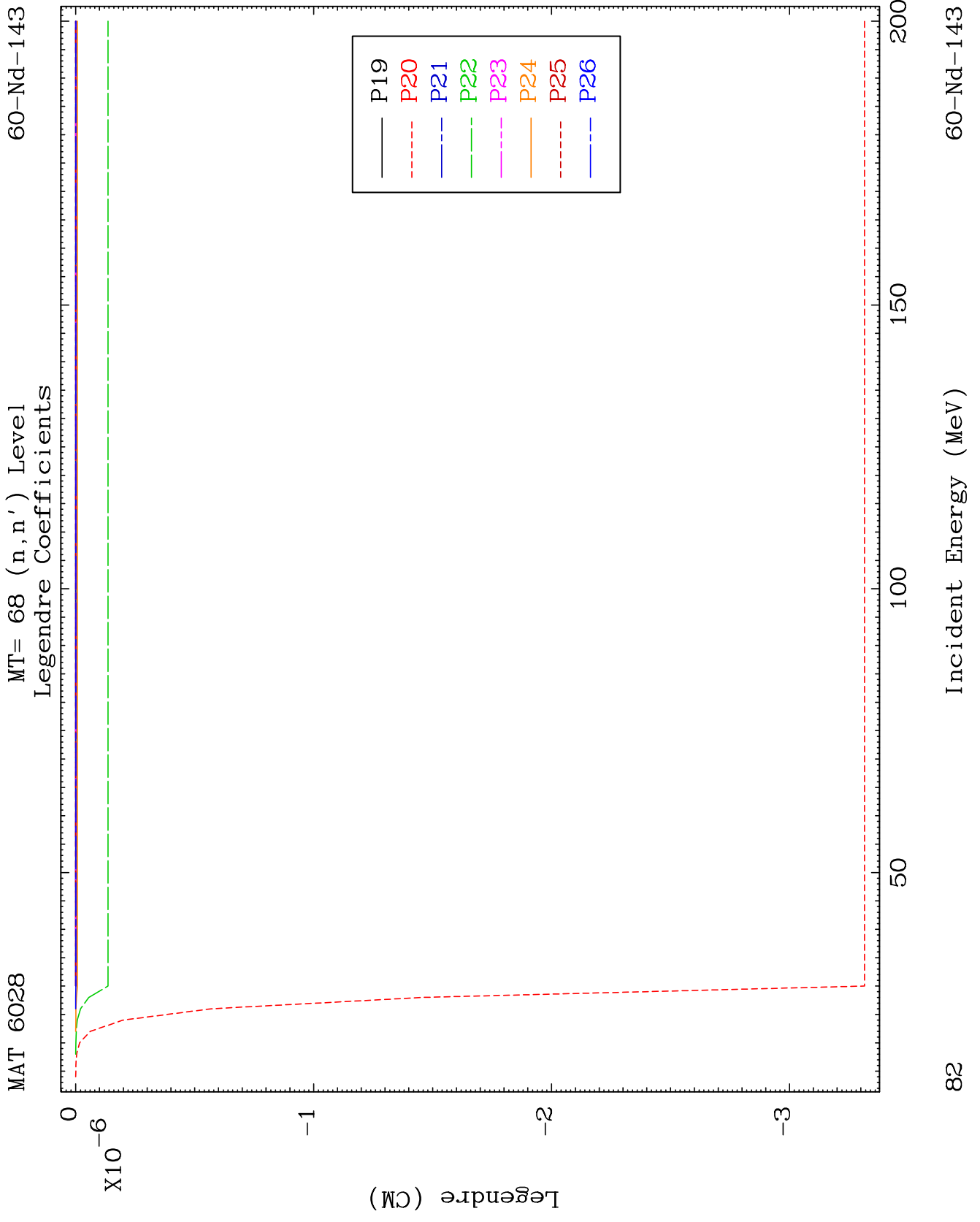
60-Nd-143



81

Incident Energy (MeV)

60-Nd-143

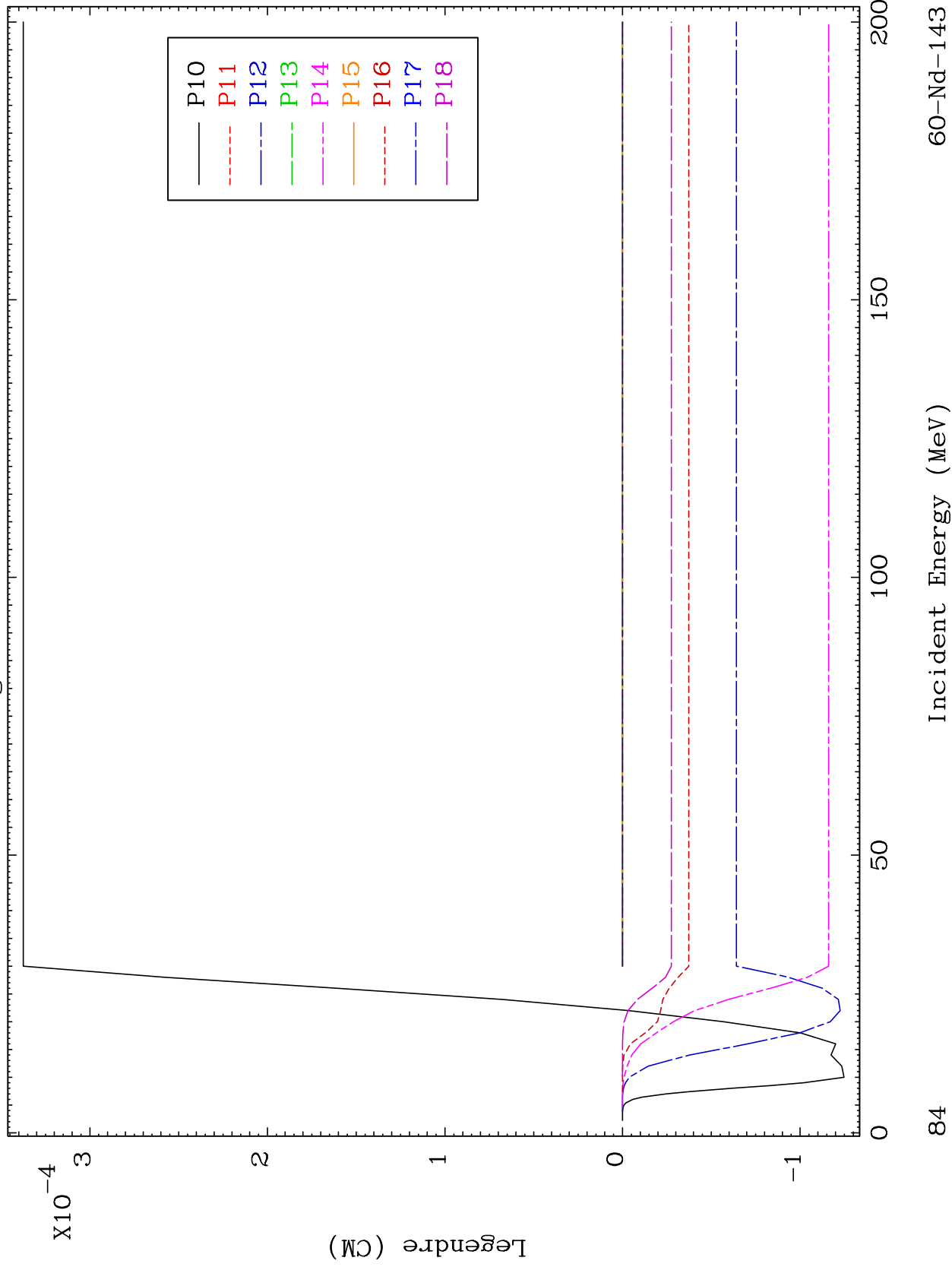




MAT 6028

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

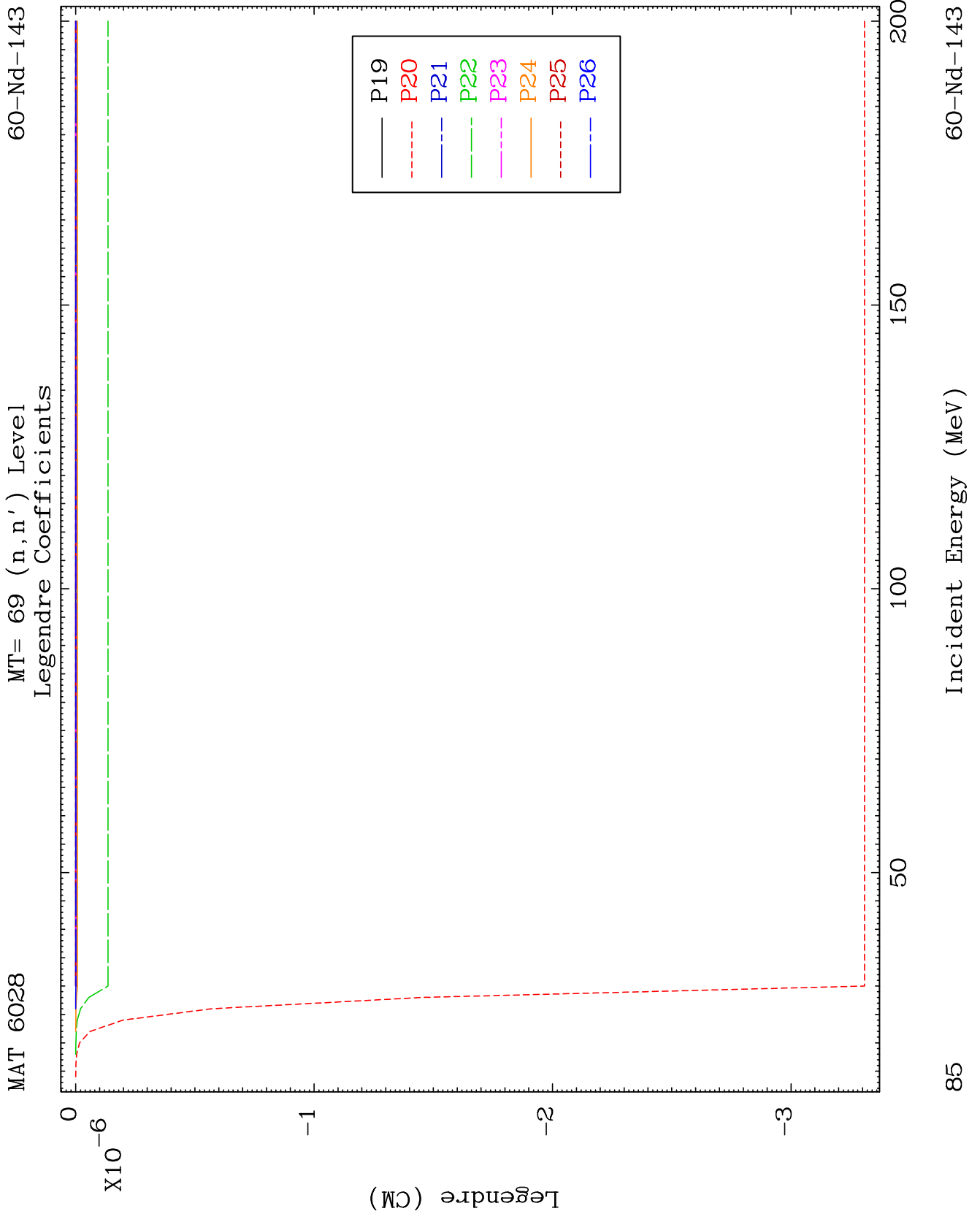
60-Nd-143



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Incident Energy (MeV)

60-Nd-143

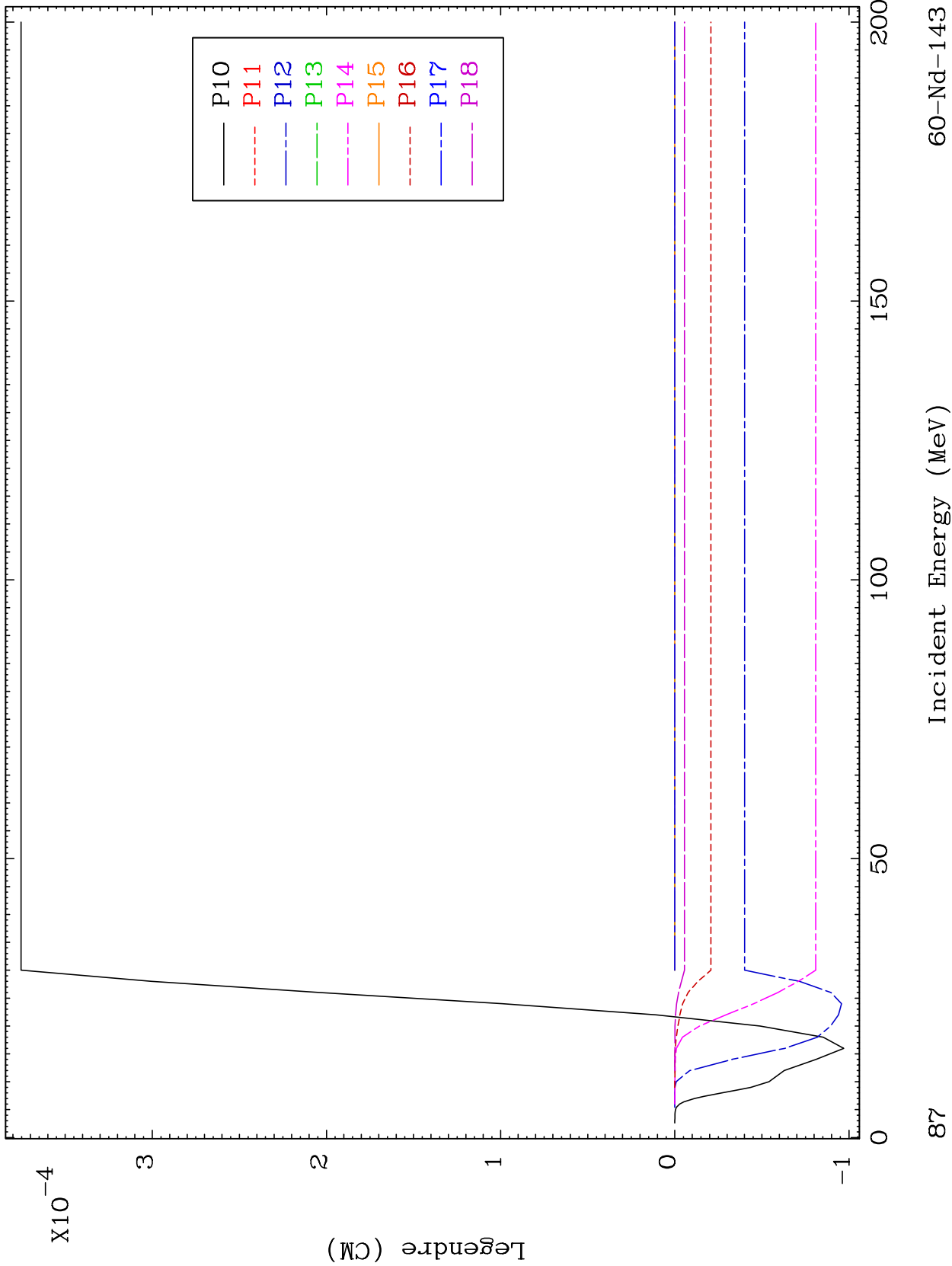




MAT 6028

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

60-Nd-143

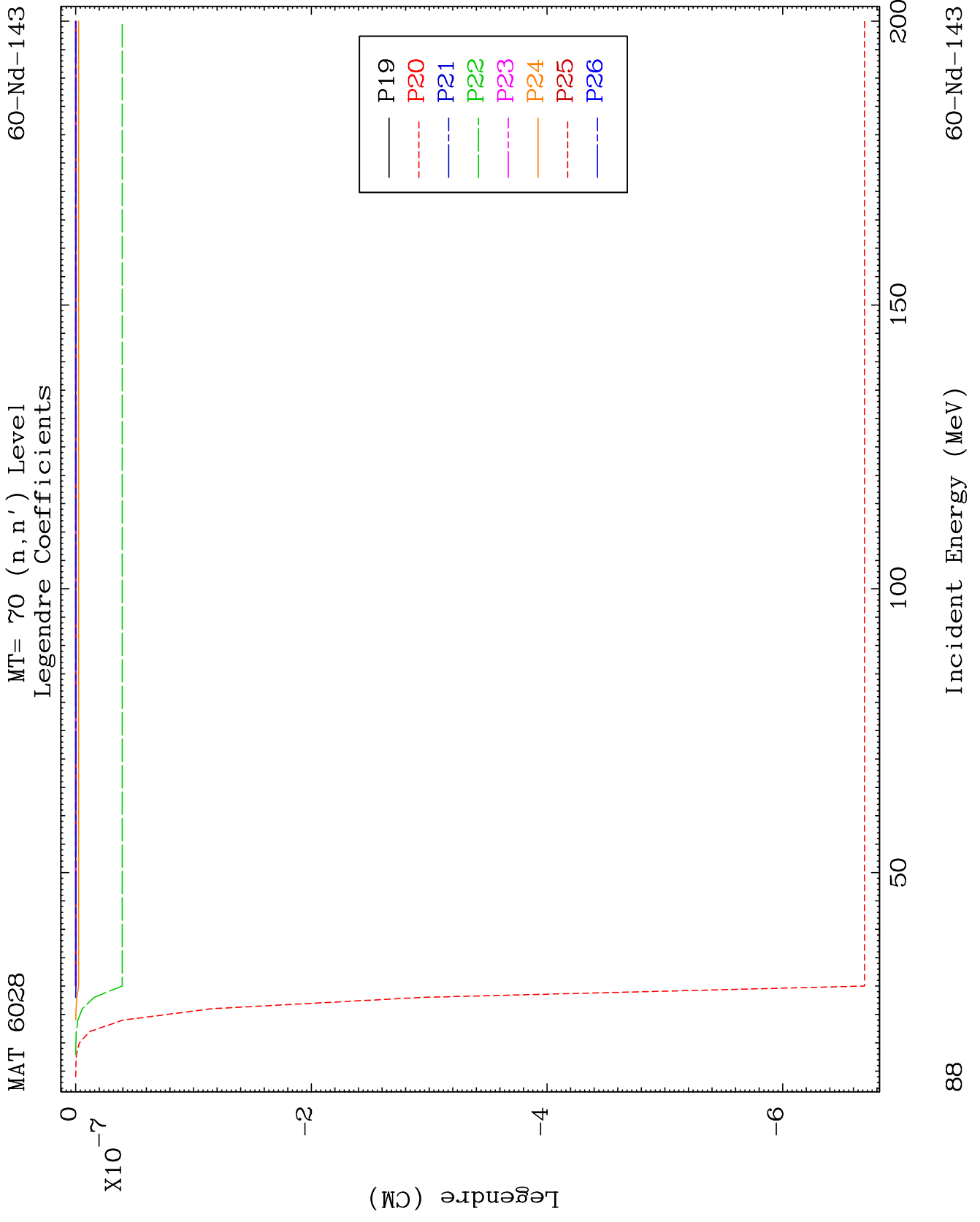


87

Incident Energy (MeV)

60-Nd-143

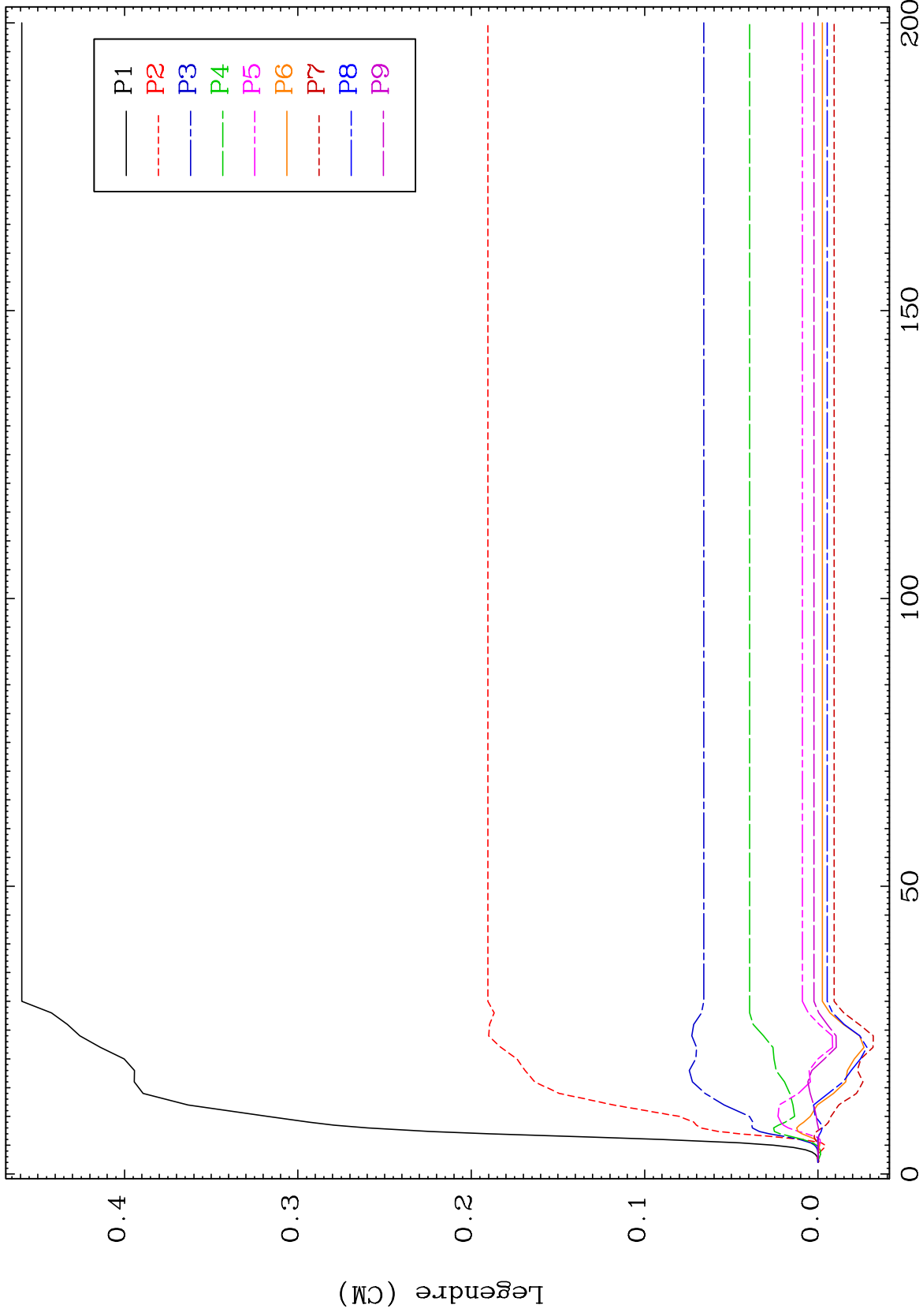




MAT 6028

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

60-Nd-143



89

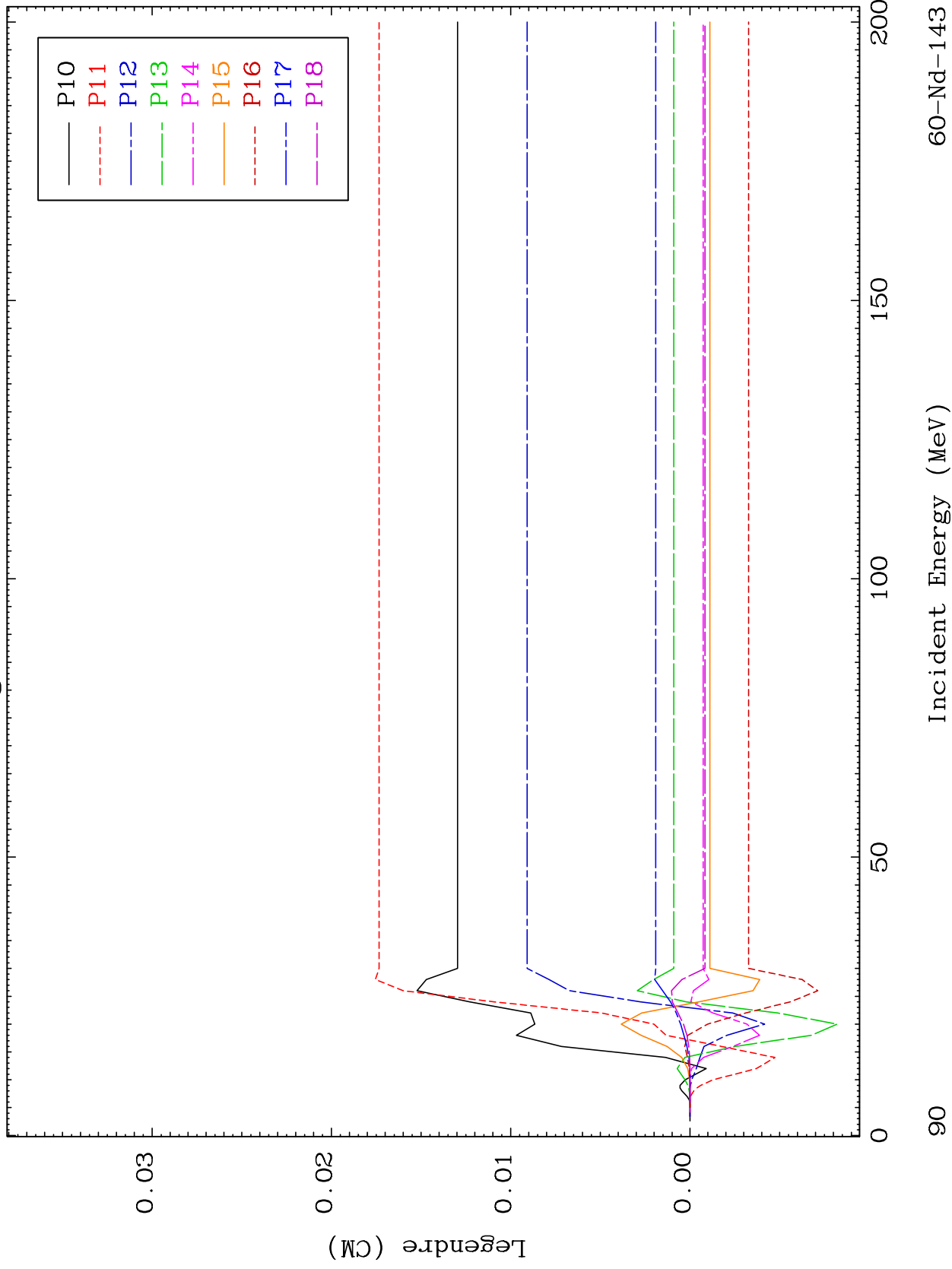
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



60-Nd-143

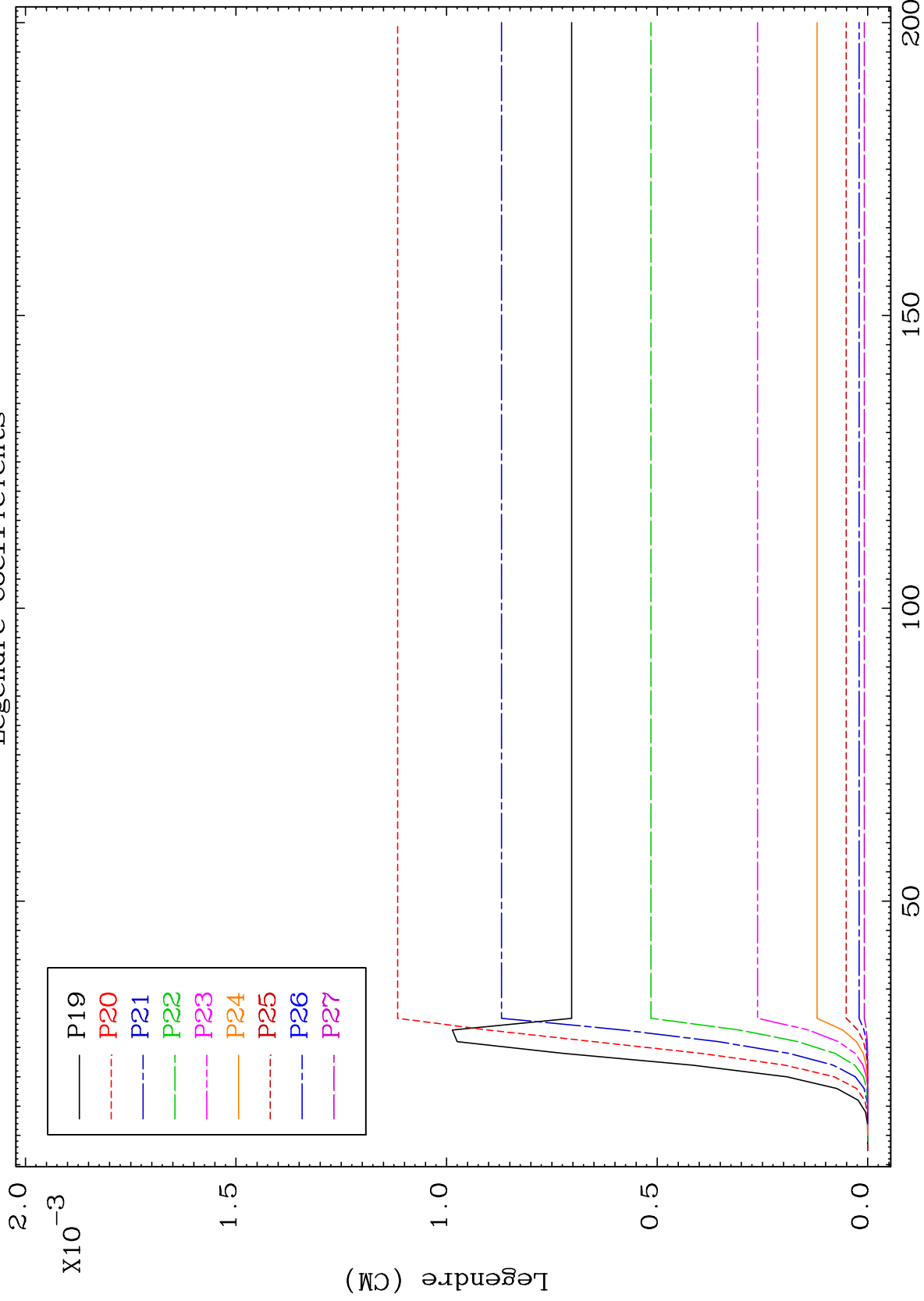
Incident Energy (MeV)

90

MAT 6028

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

60-Nd-143



91

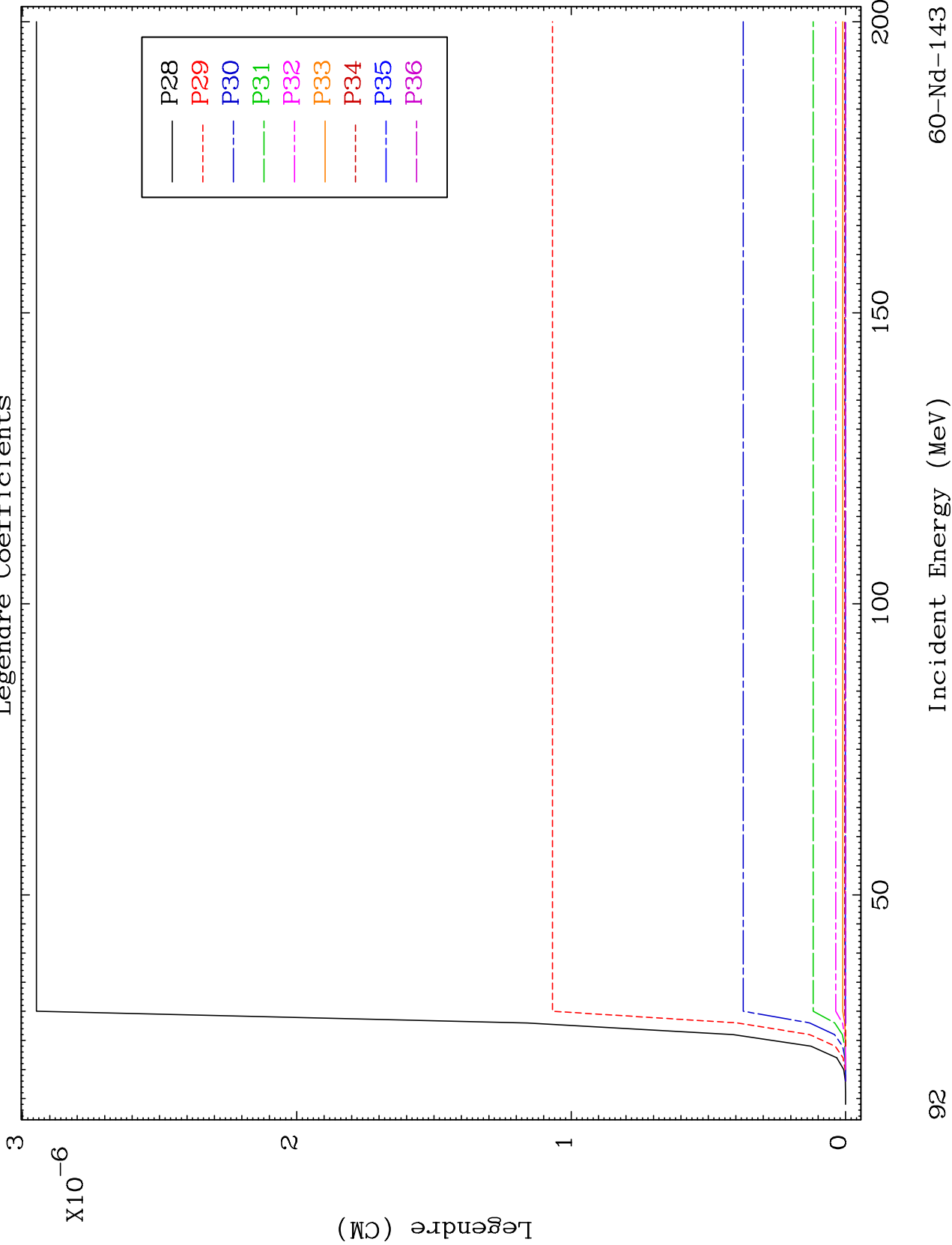
Incident Energy (MeV)

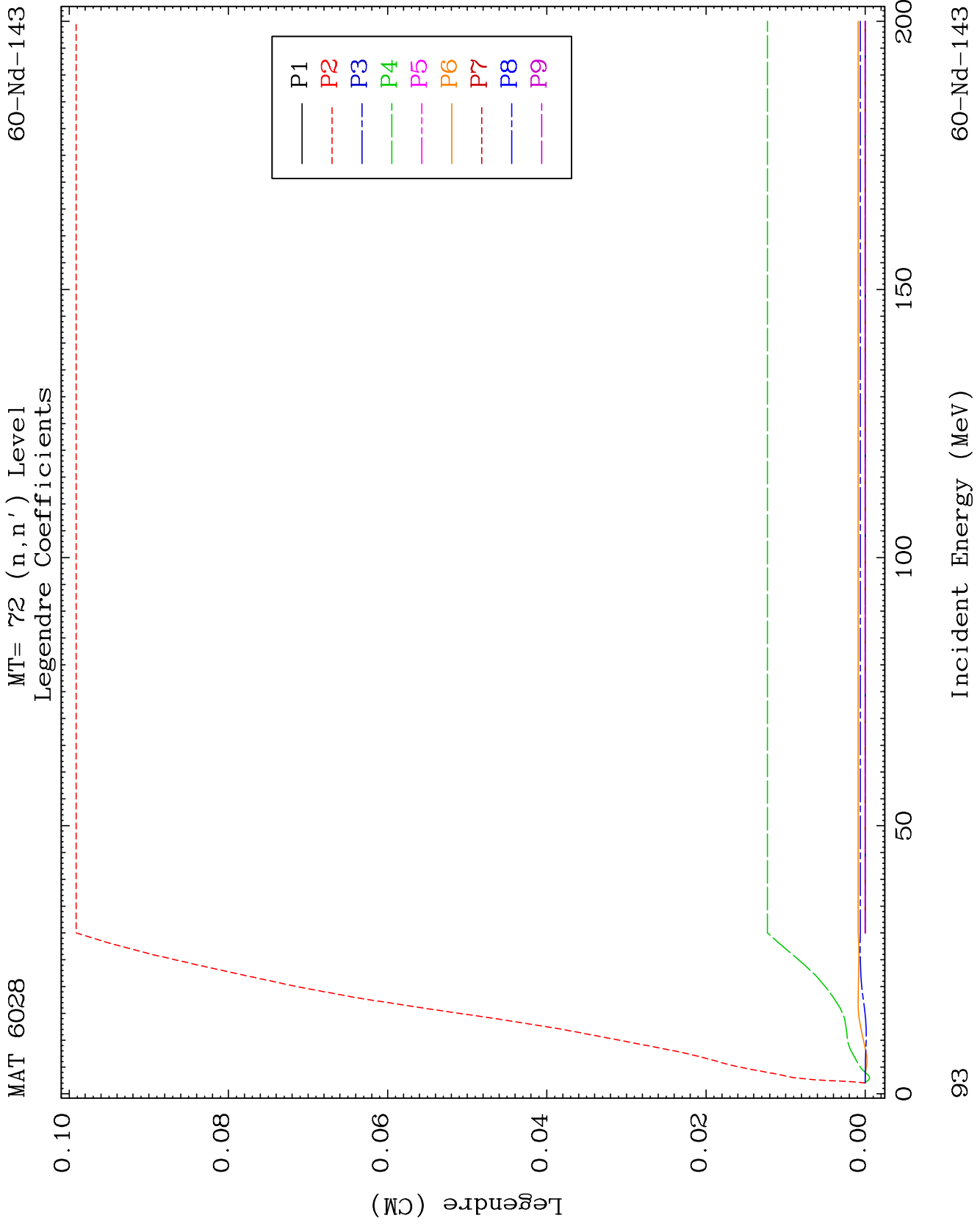
60-Nd-143

MAT 6028

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

60-Nd-143

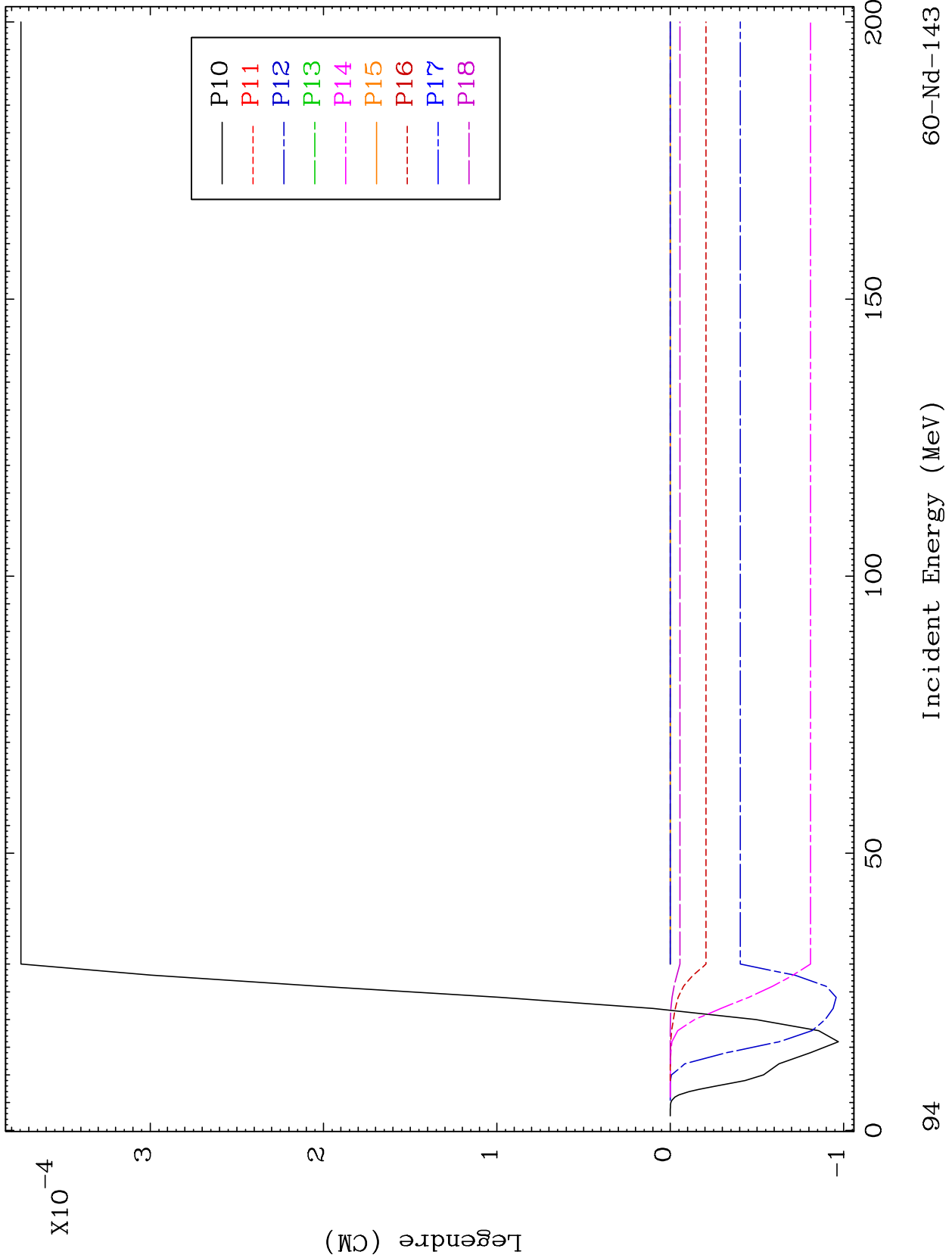




MAT 6028

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

60-Nd-143



60-Nd-143

Incident Energy (MeV)

94

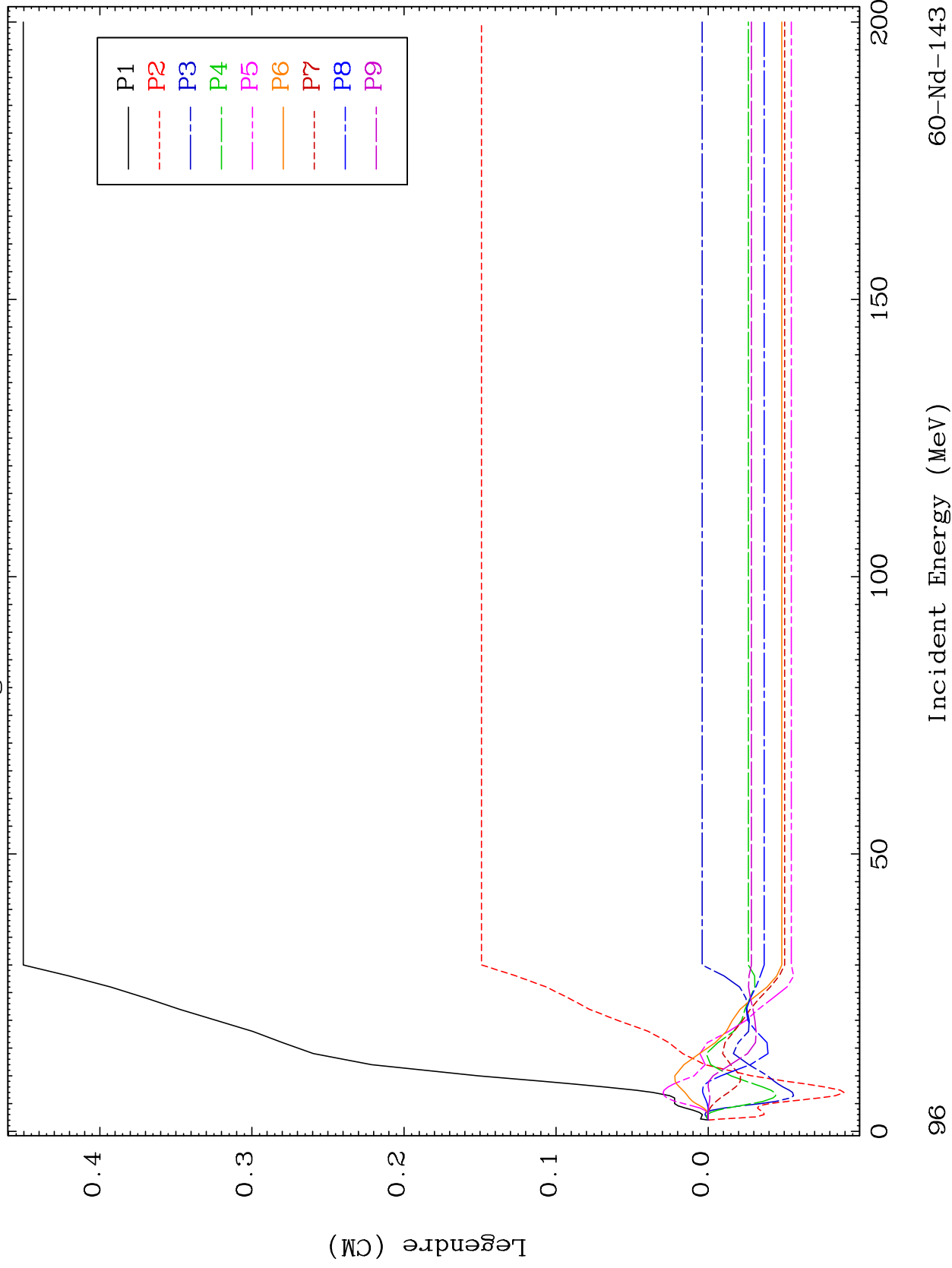




MAT 6028

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

60-Nd-143



60-Nd-143

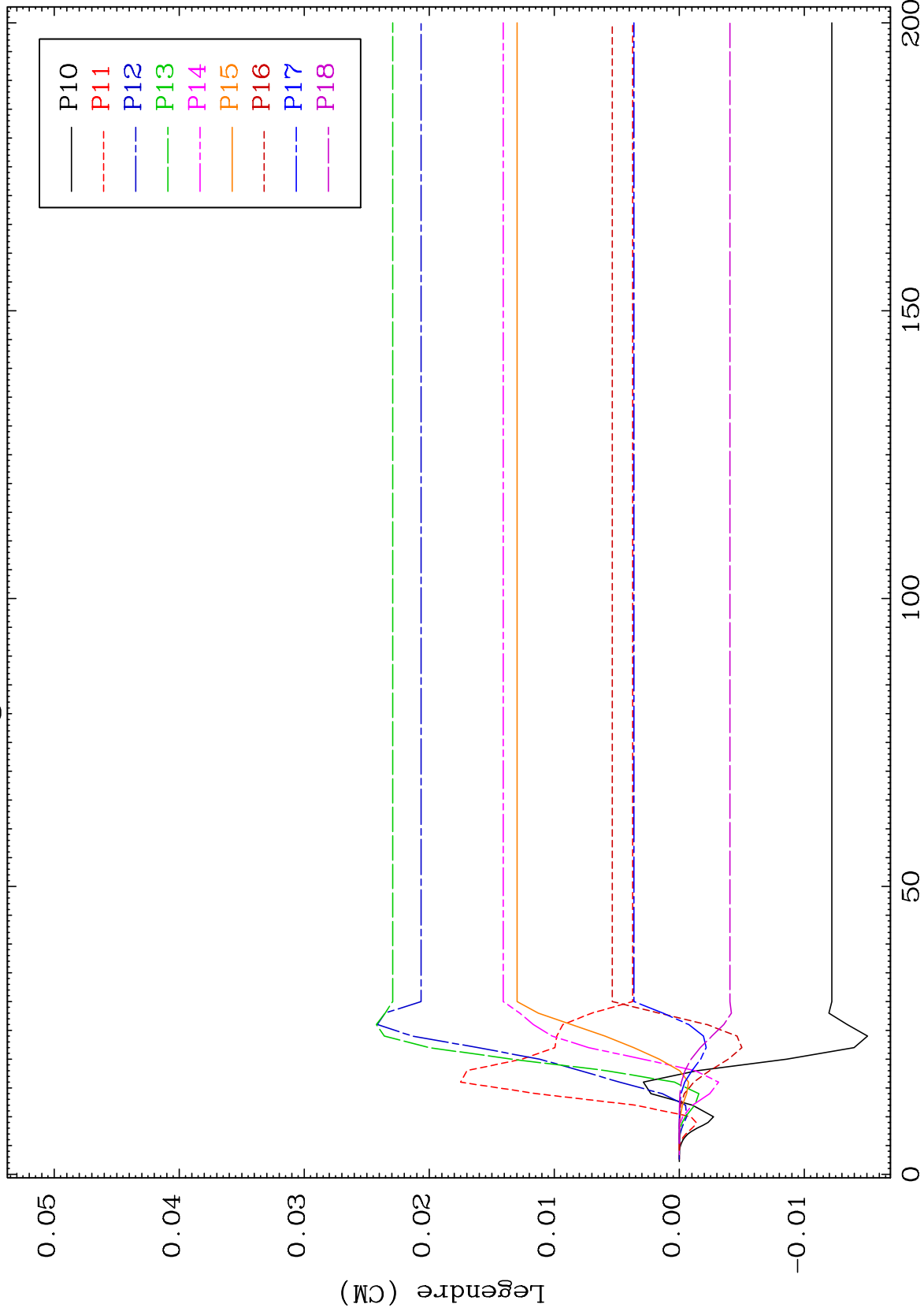
Incident Energy (MeV)

96

MAT 6028

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

60-Nd-143



97

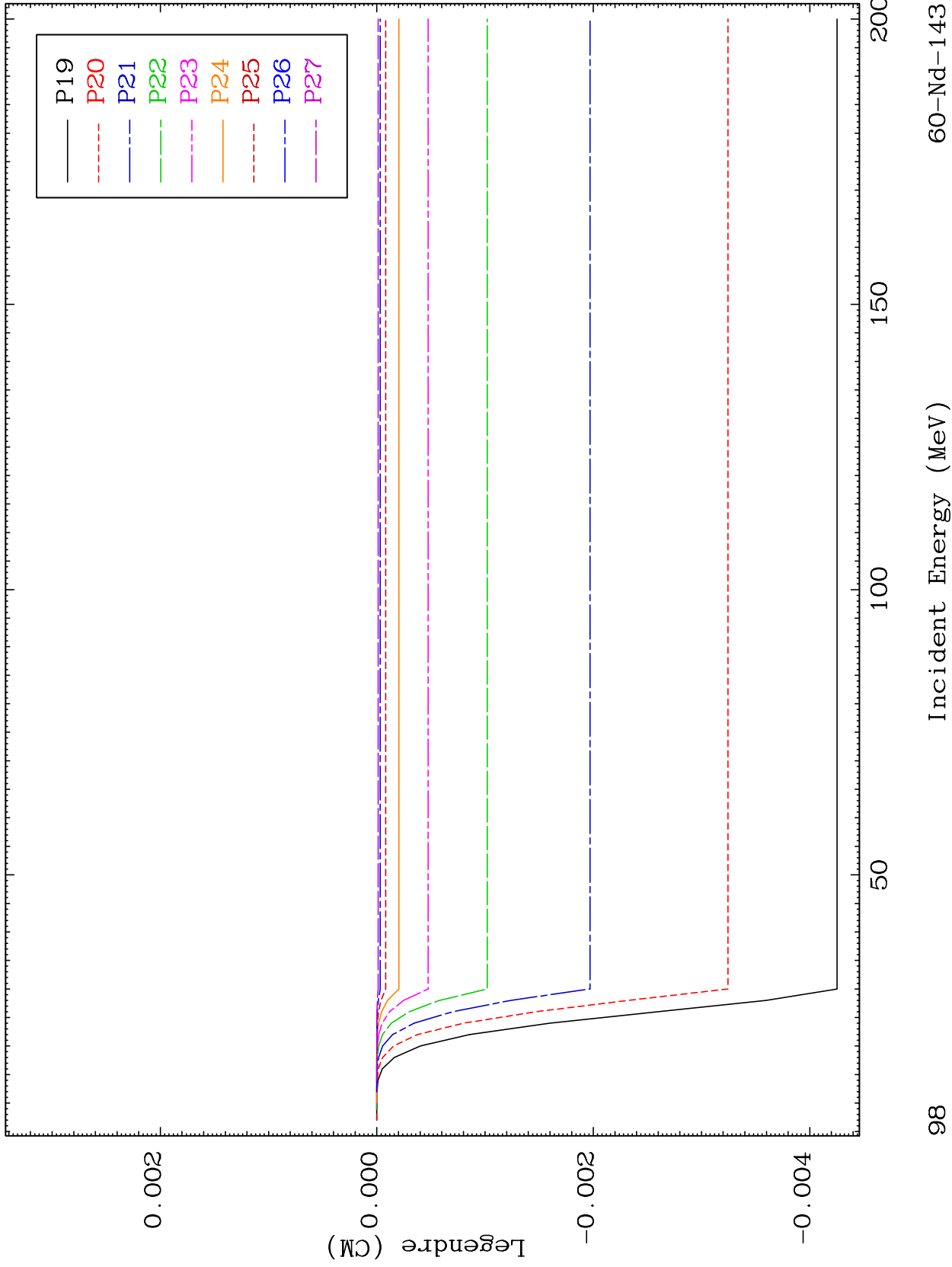
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

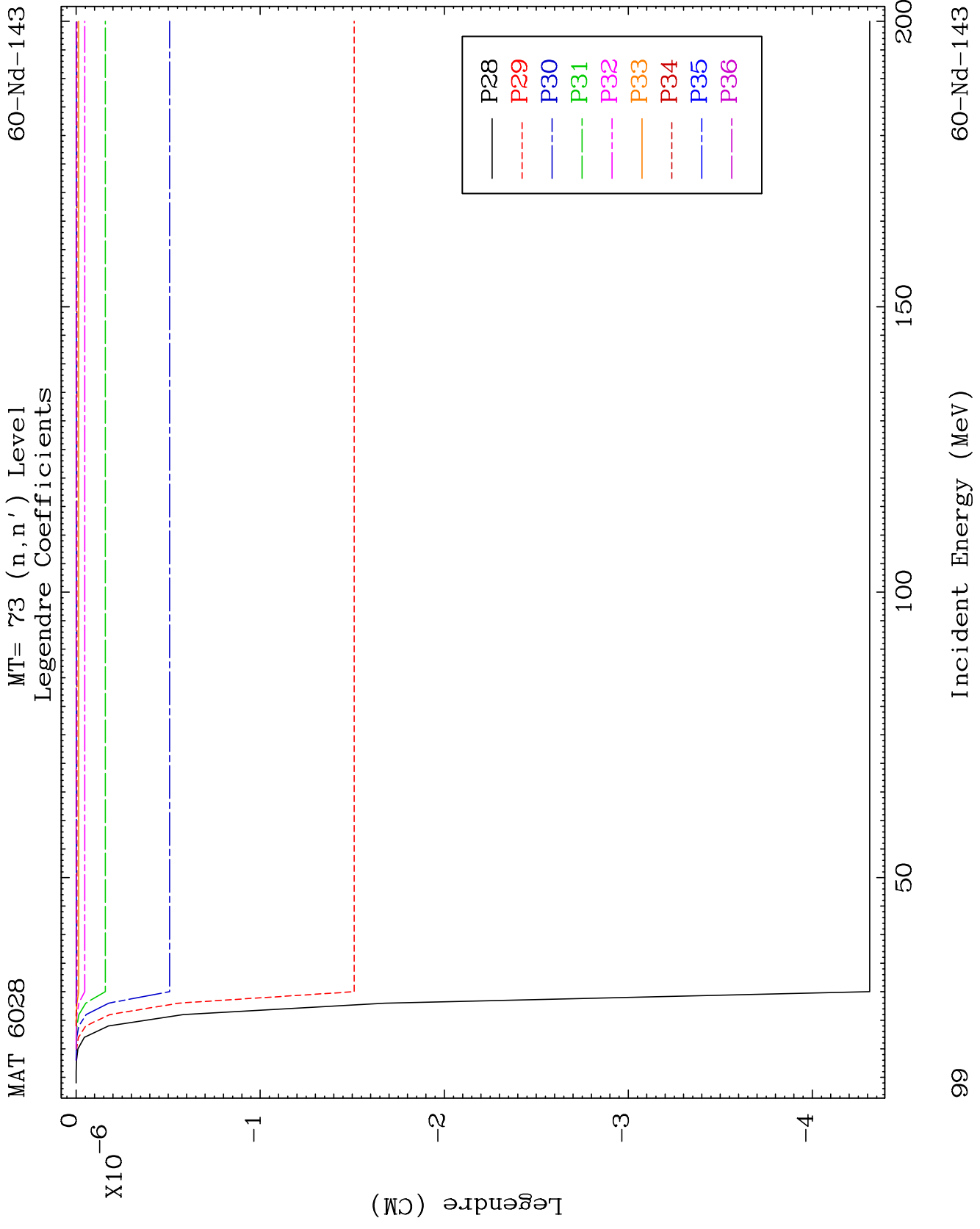
60-Nd-143



98

Incident Energy (MeV)

60-Nd-143

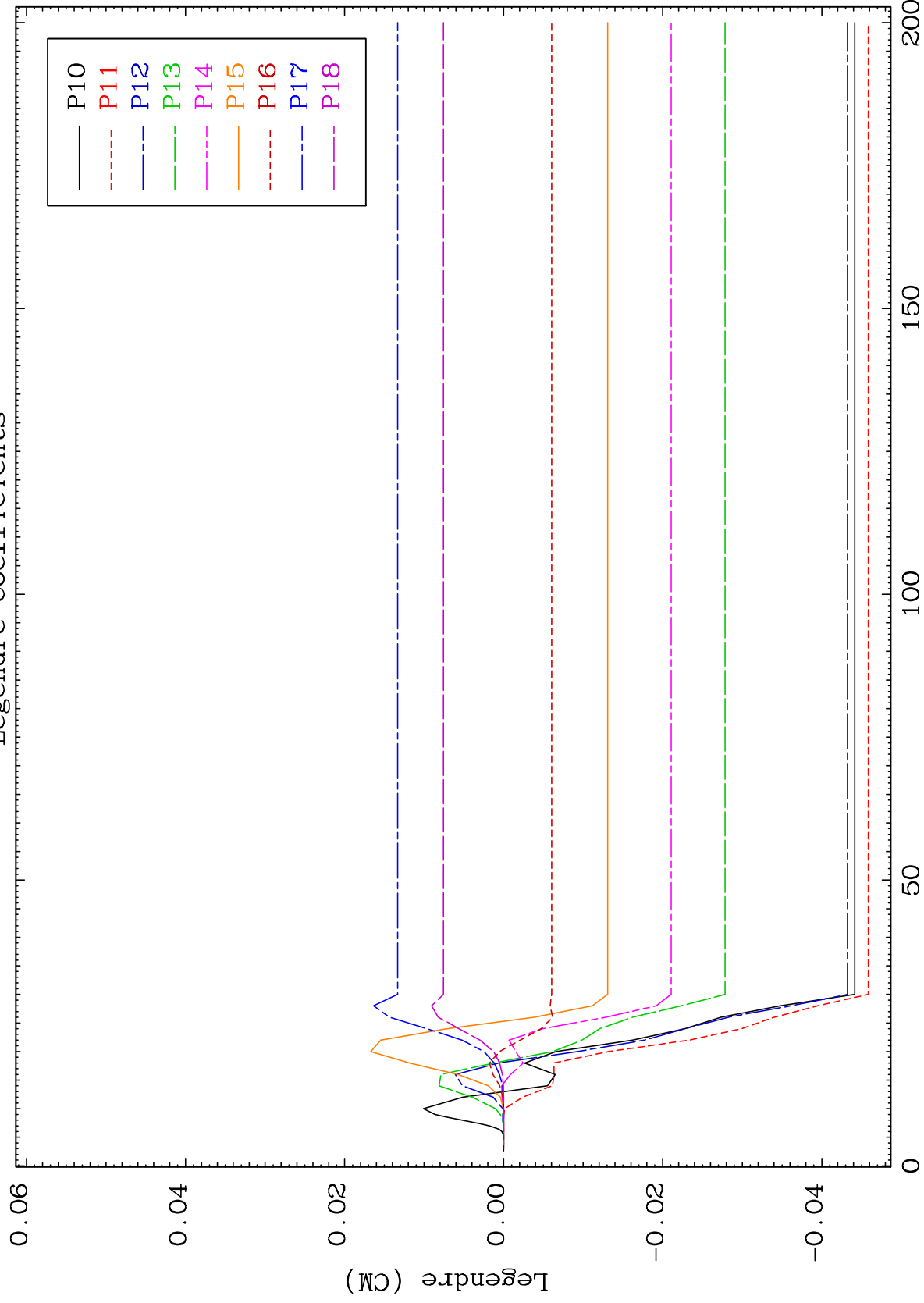




MAT 6028

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

60-Nd-143



101

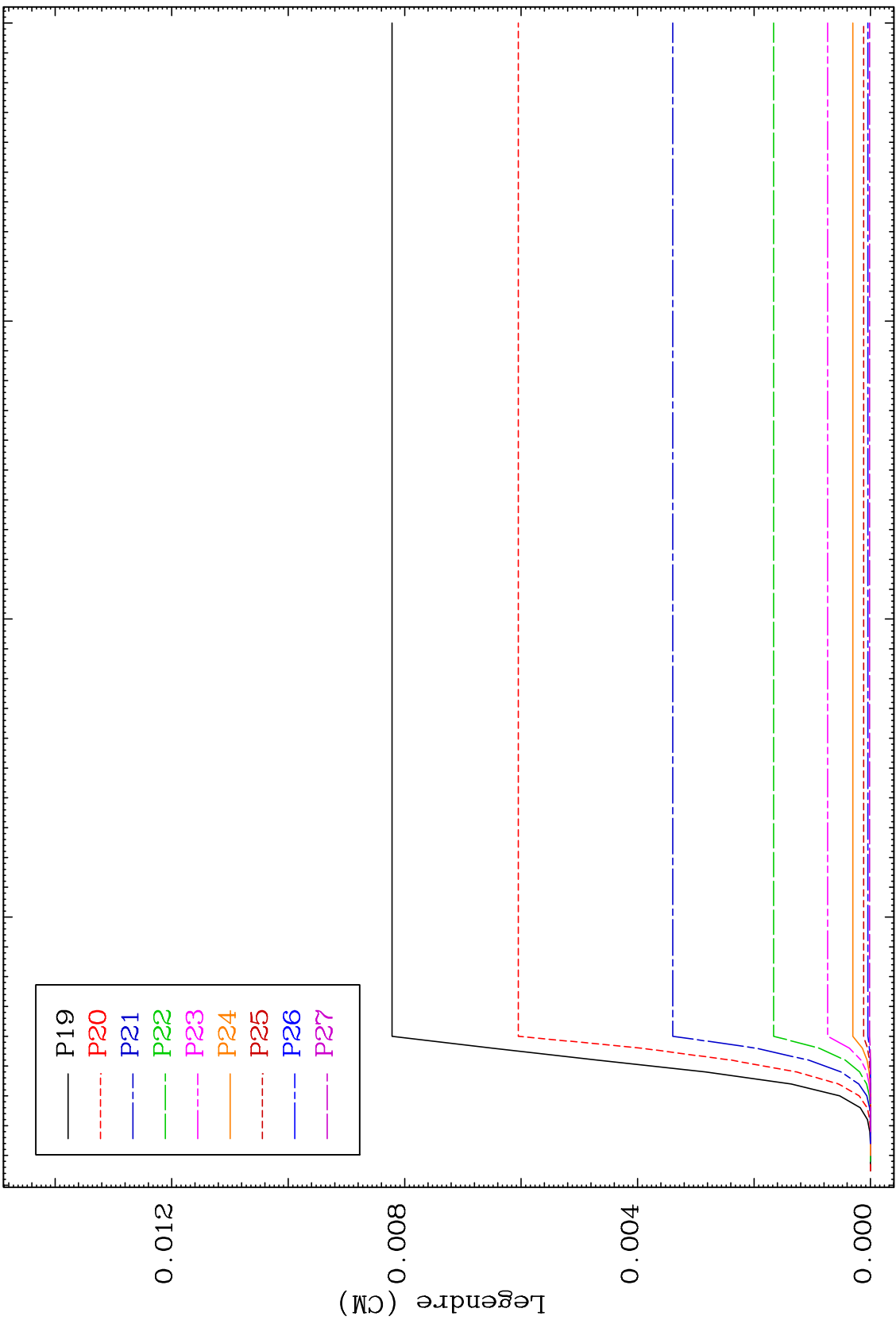
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



102

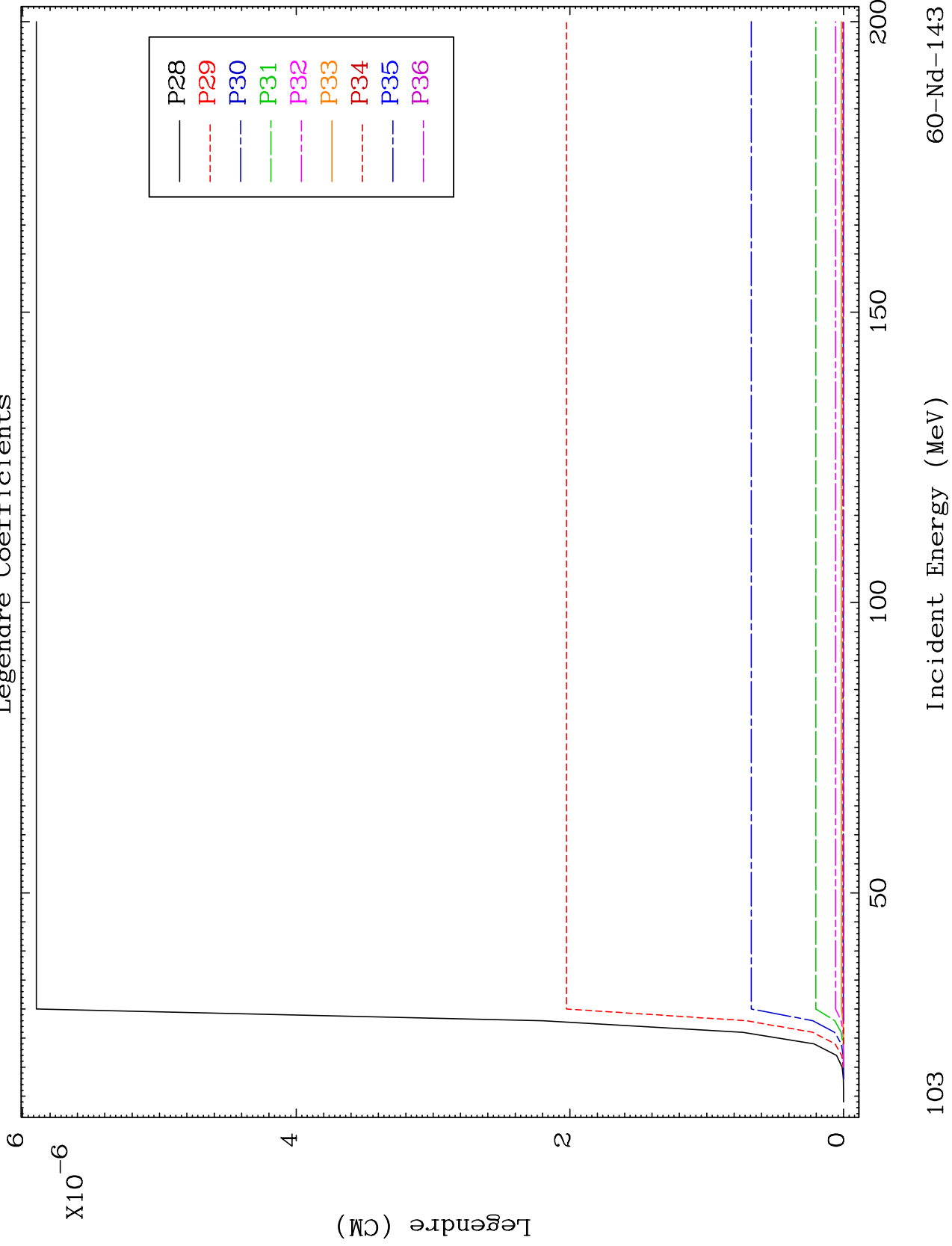
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



103

Incident Energy (MeV)

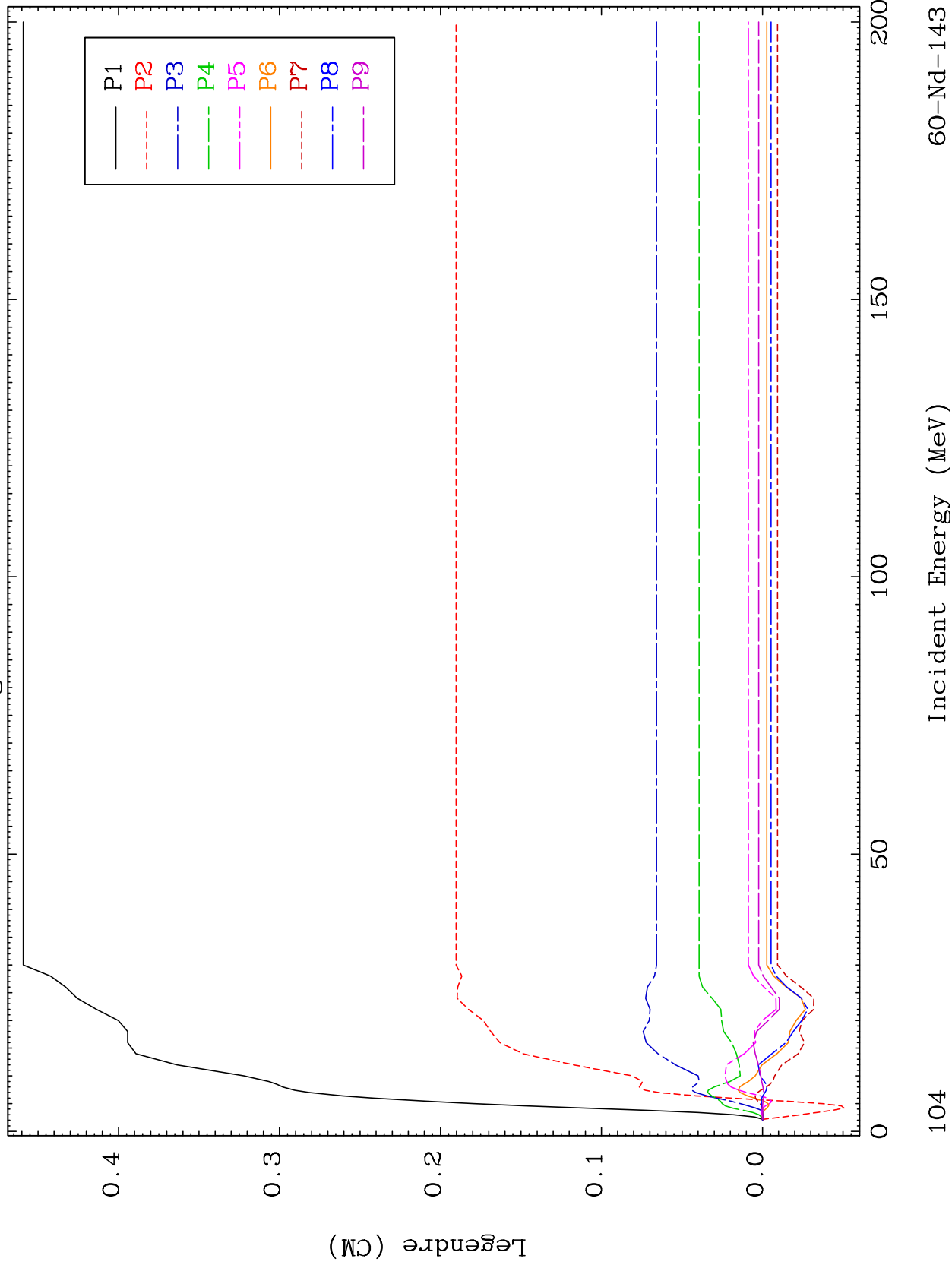
60-Nd-143



MAT 6028

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

60-Nd-143



60-Nd-143

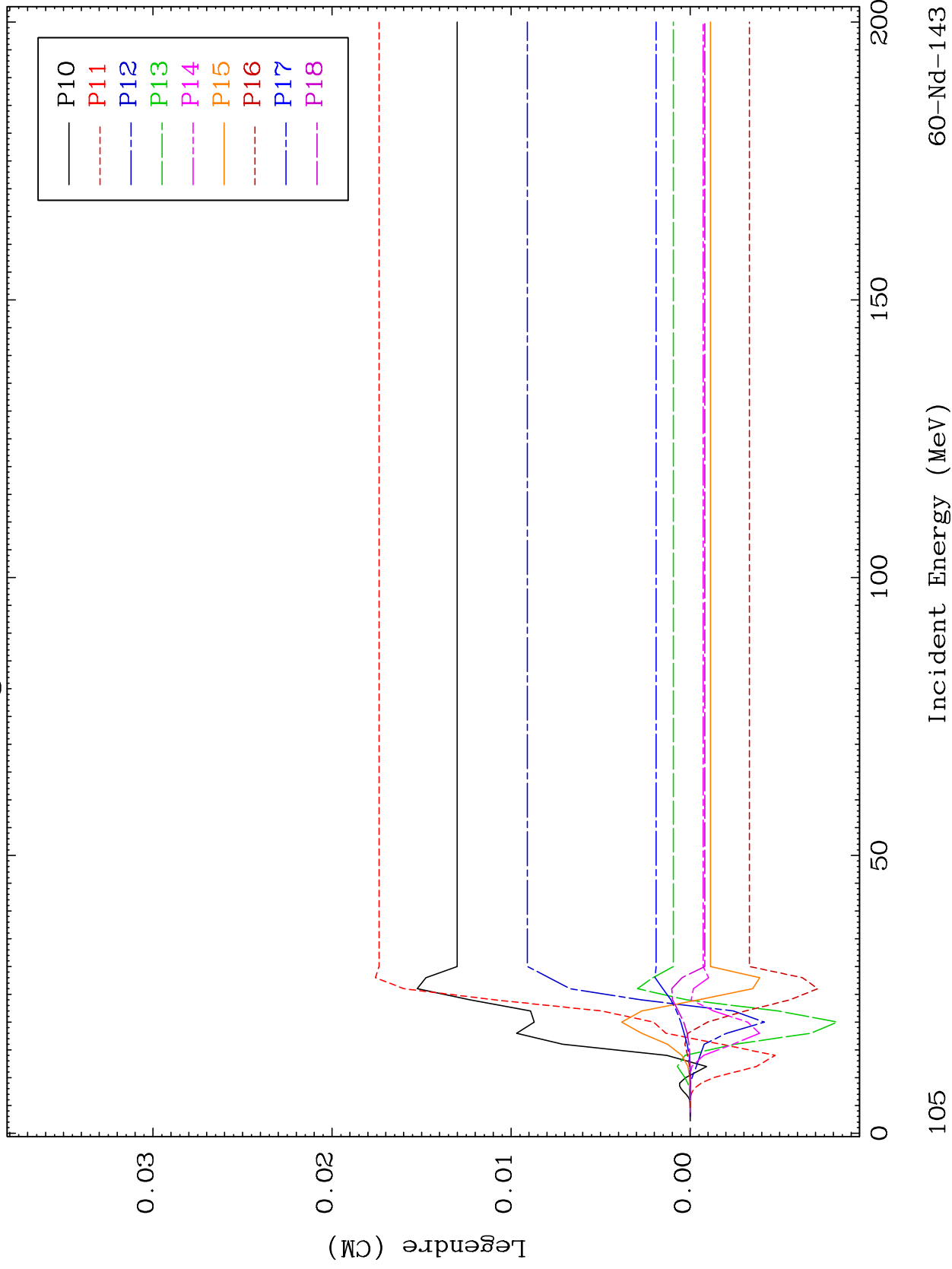
Incident Energy (MeV)

104

MAT 6028

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

60-Nd-143



60-Nd-143

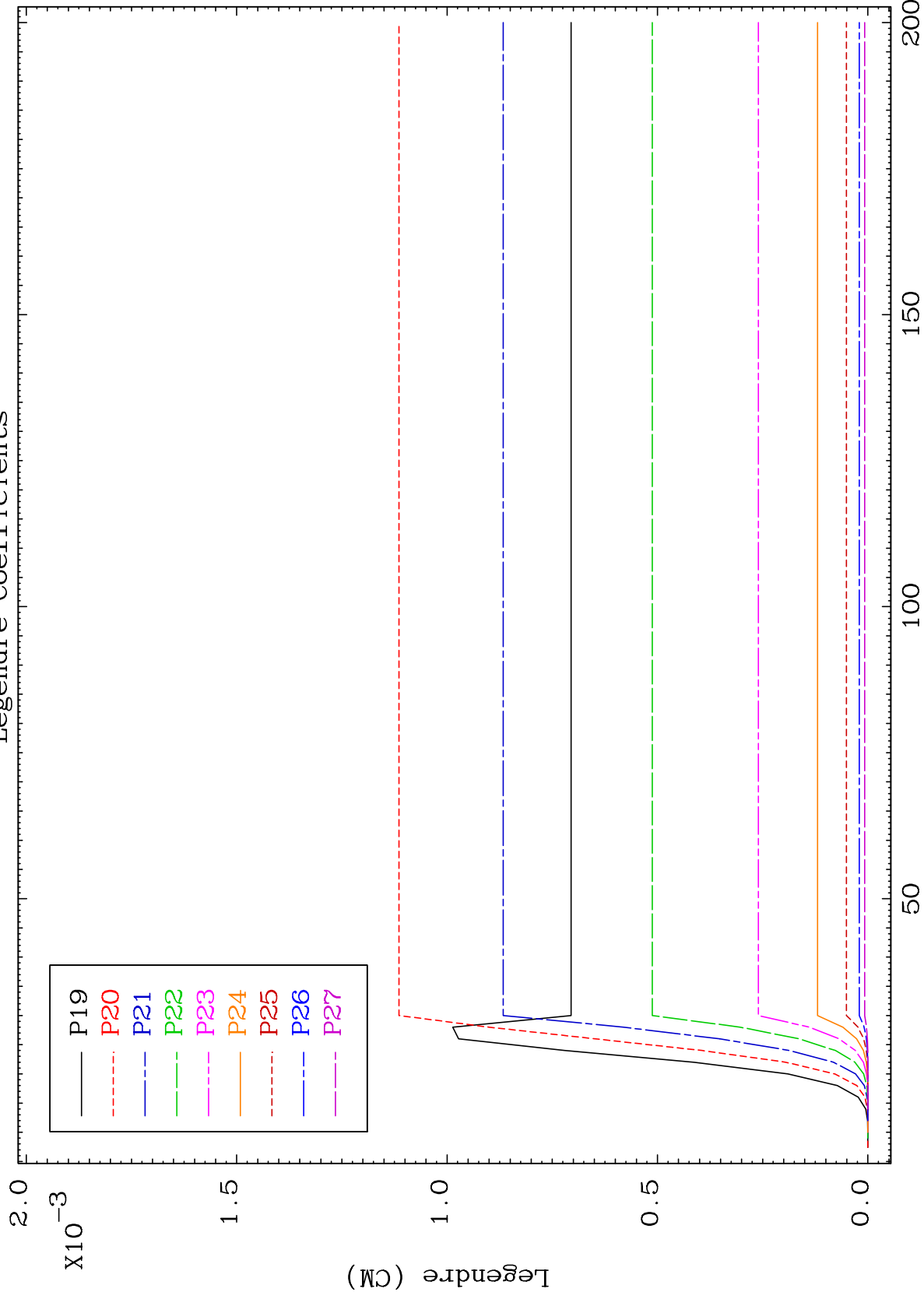
Incident Energy (MeV)

105

MAT 6028

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

60-Nd-143



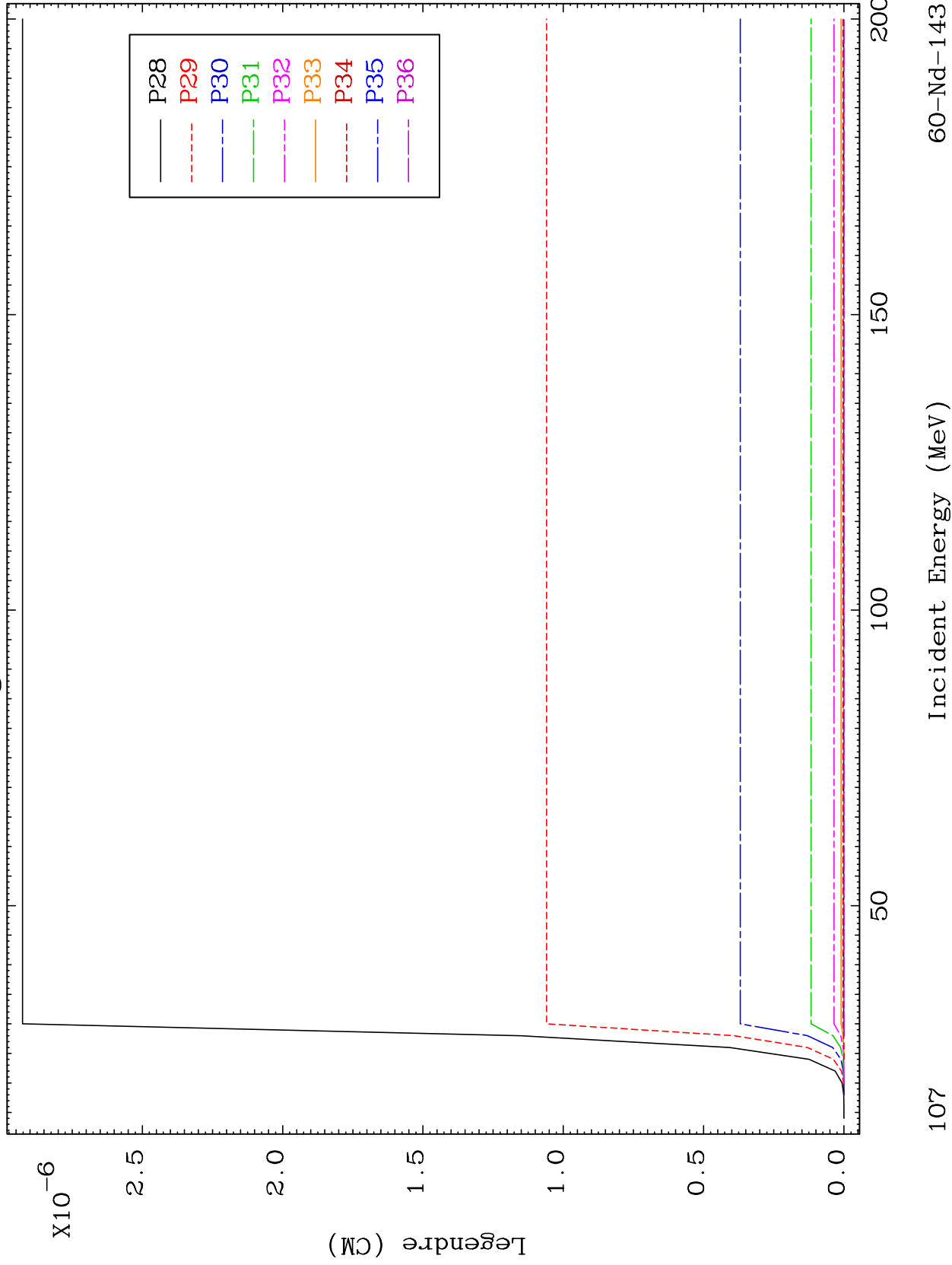
106

60-Nd-143

MAT 6028

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

60-Nd-143



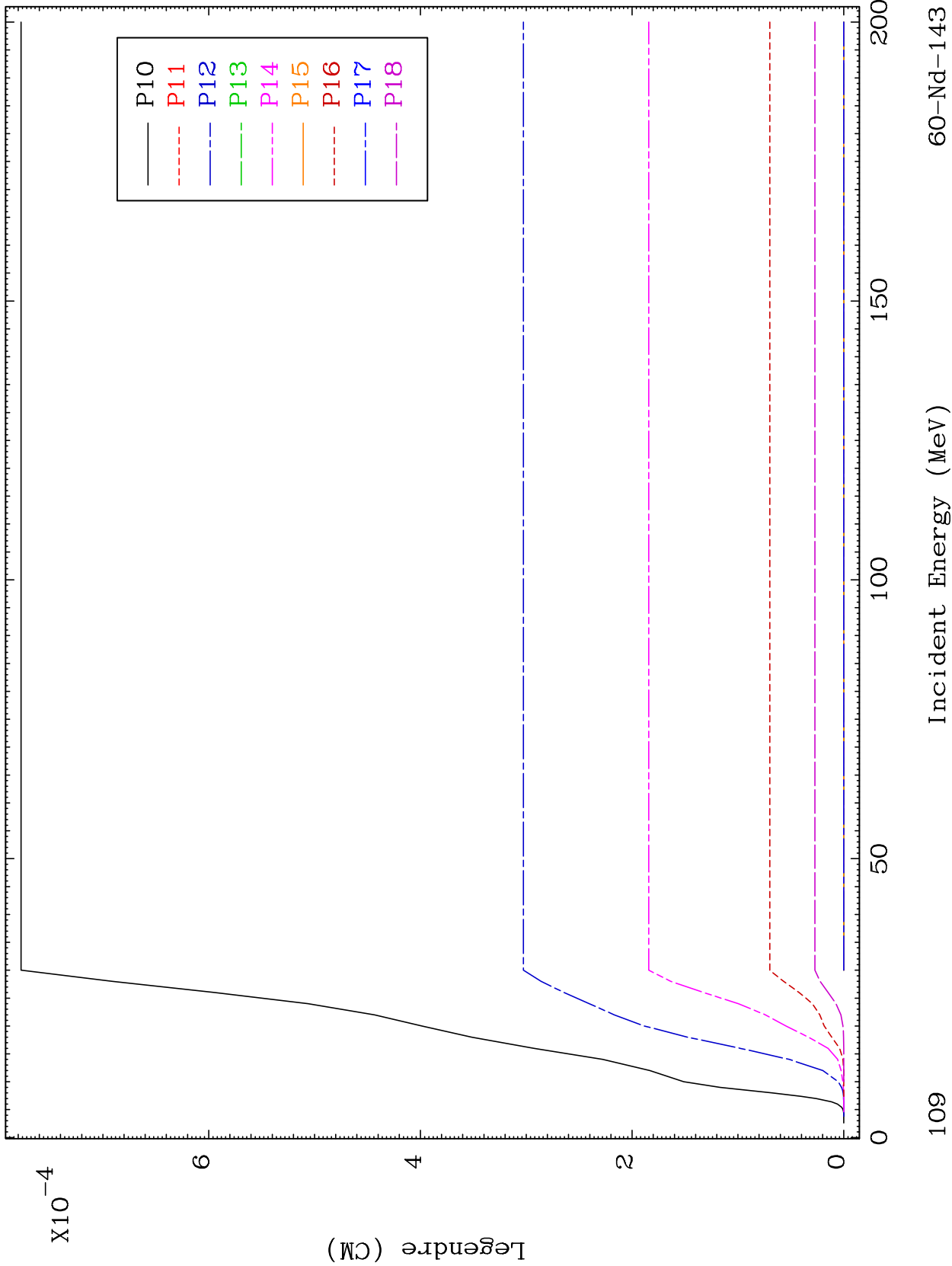
107



MAT 6028

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

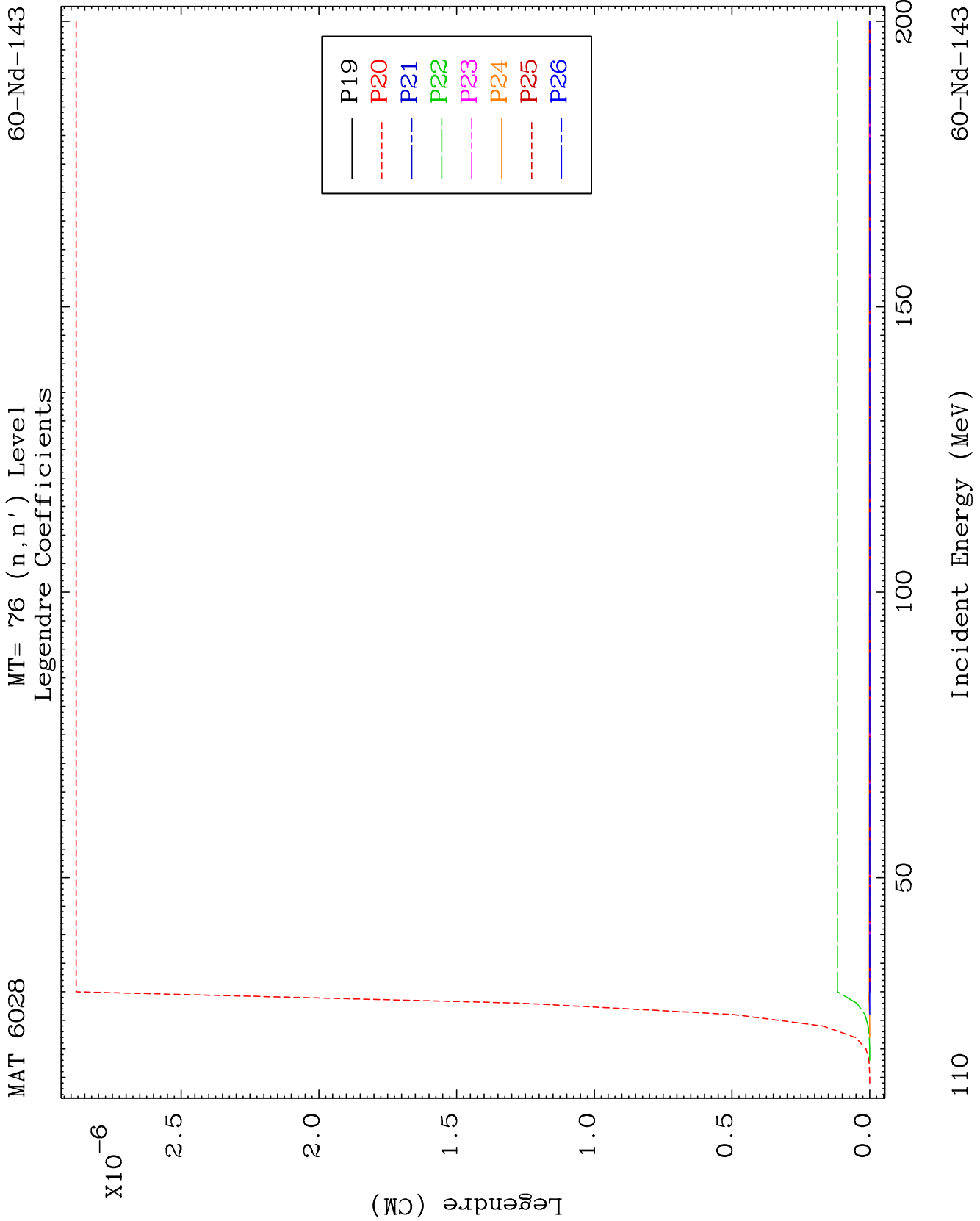
60-Nd-143

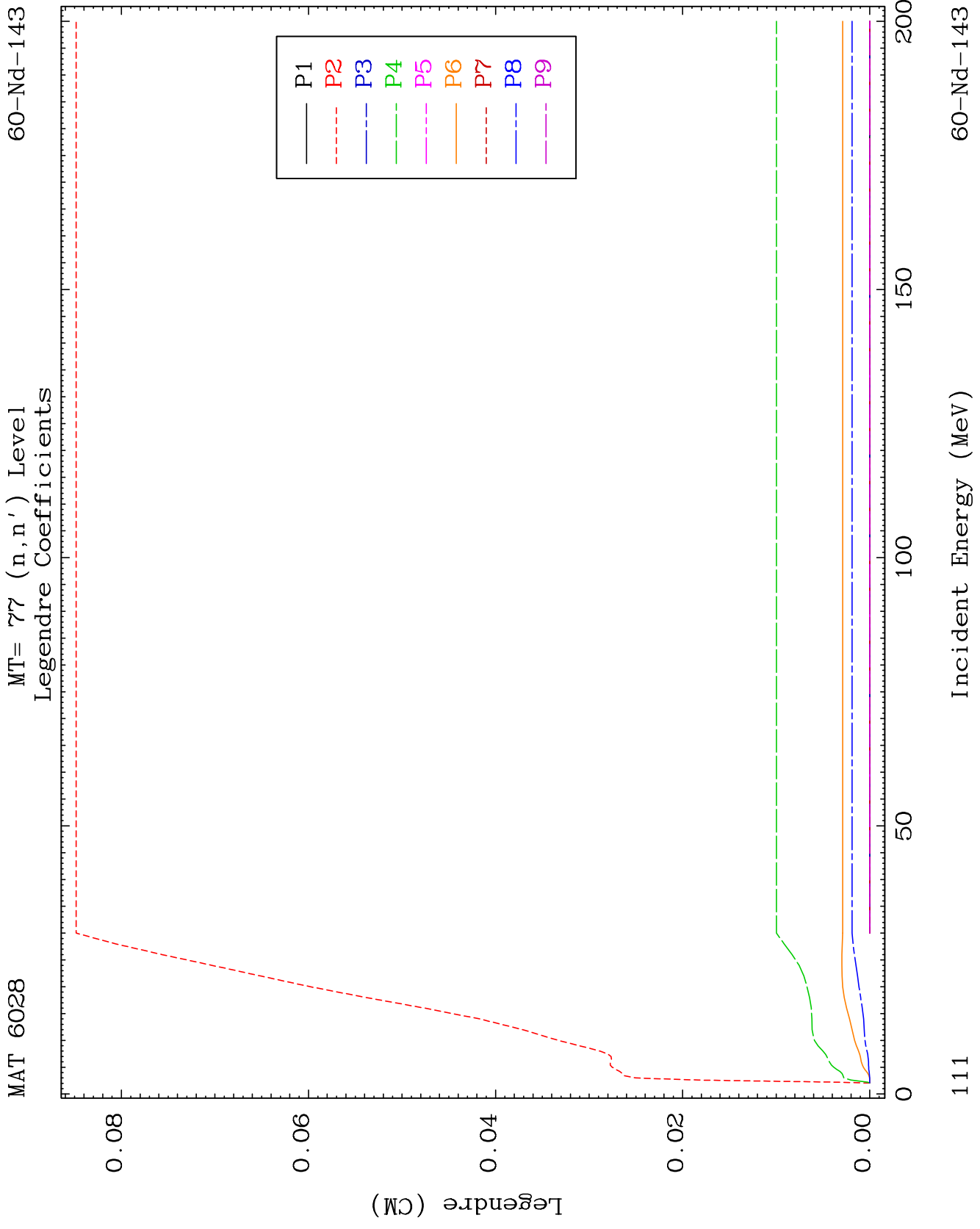


60-Nd-143

Incident Energy (MeV)

109



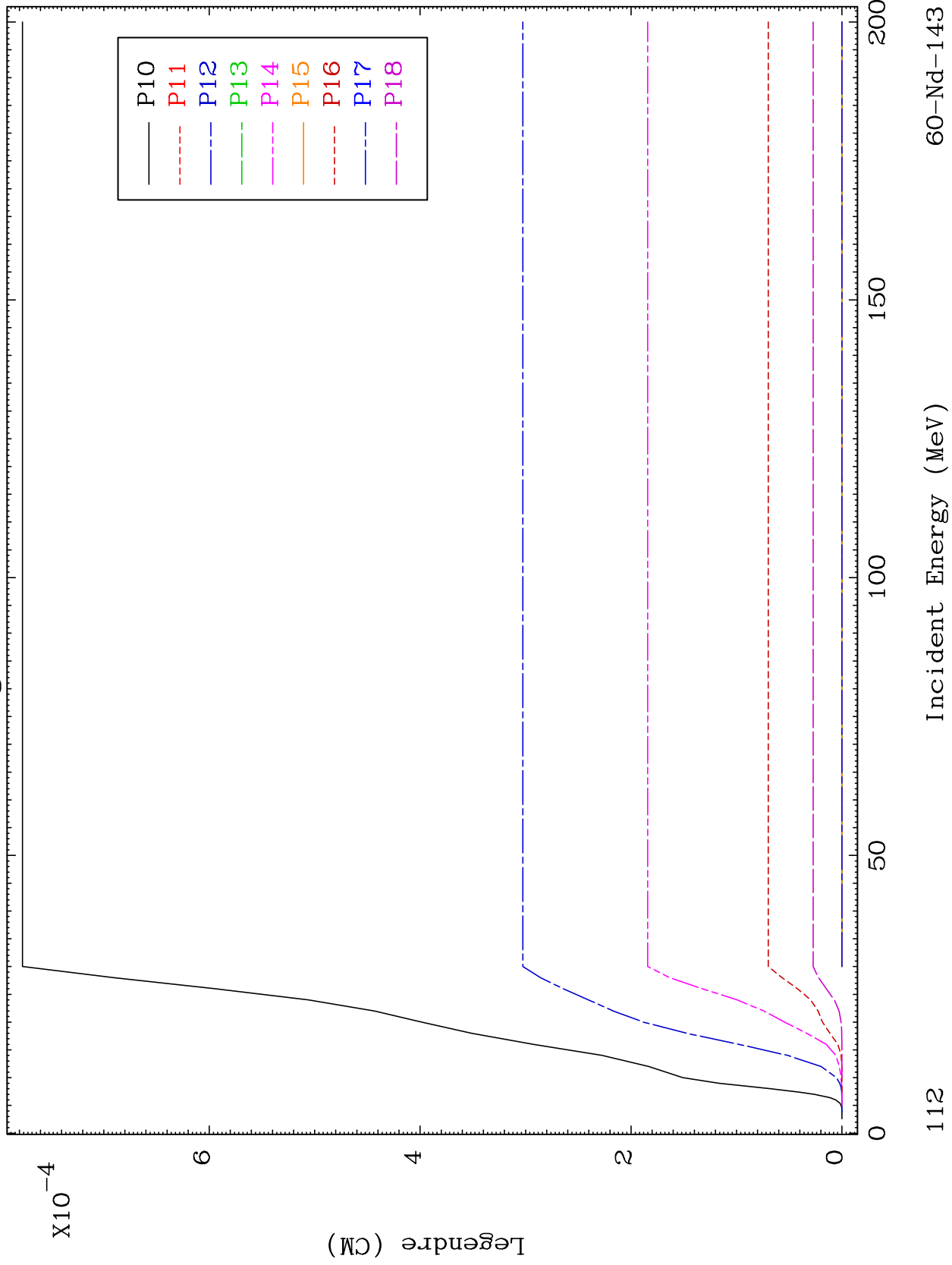




MAT 6028

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

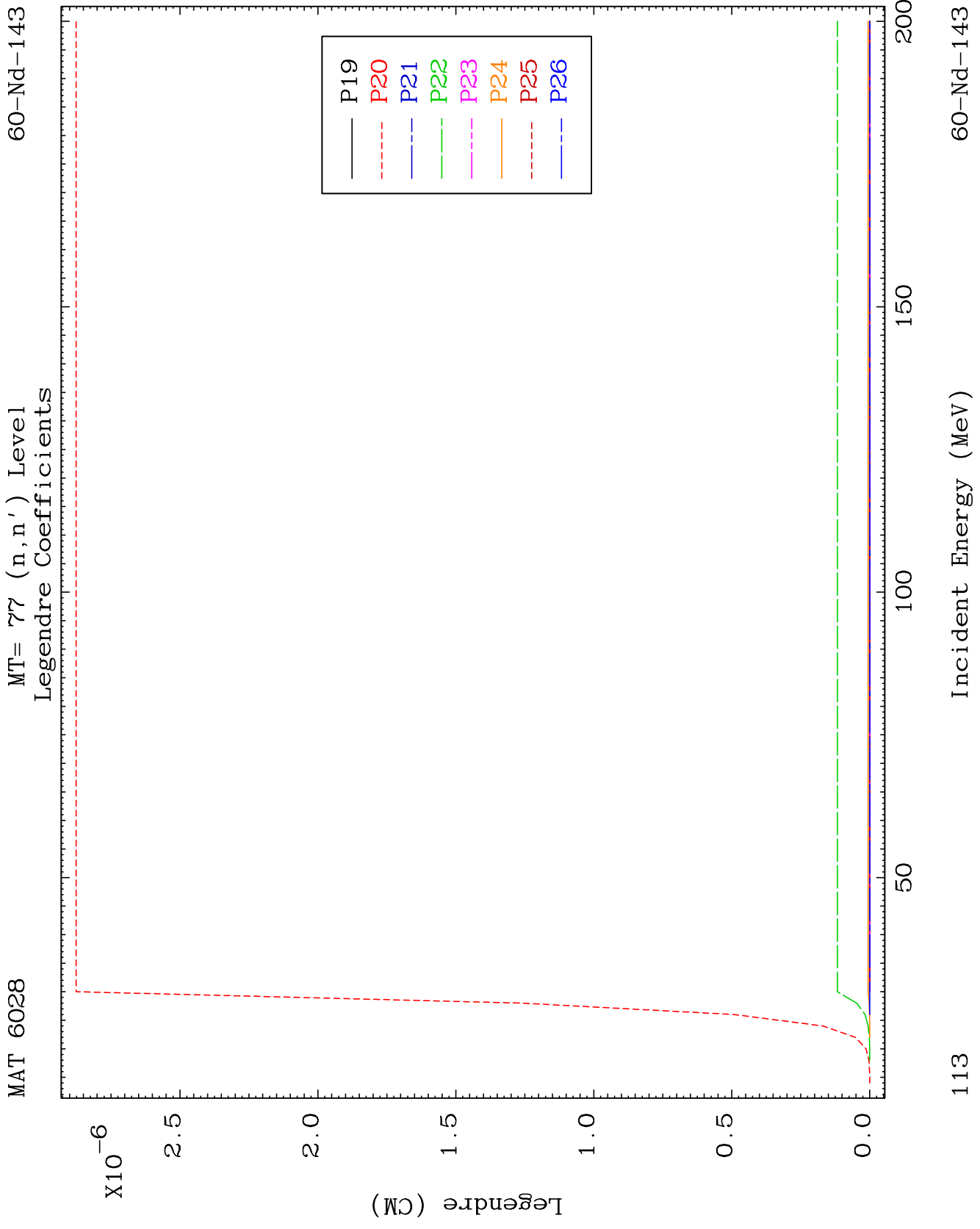
60-Nd-143



112

Incident Energy (MeV)

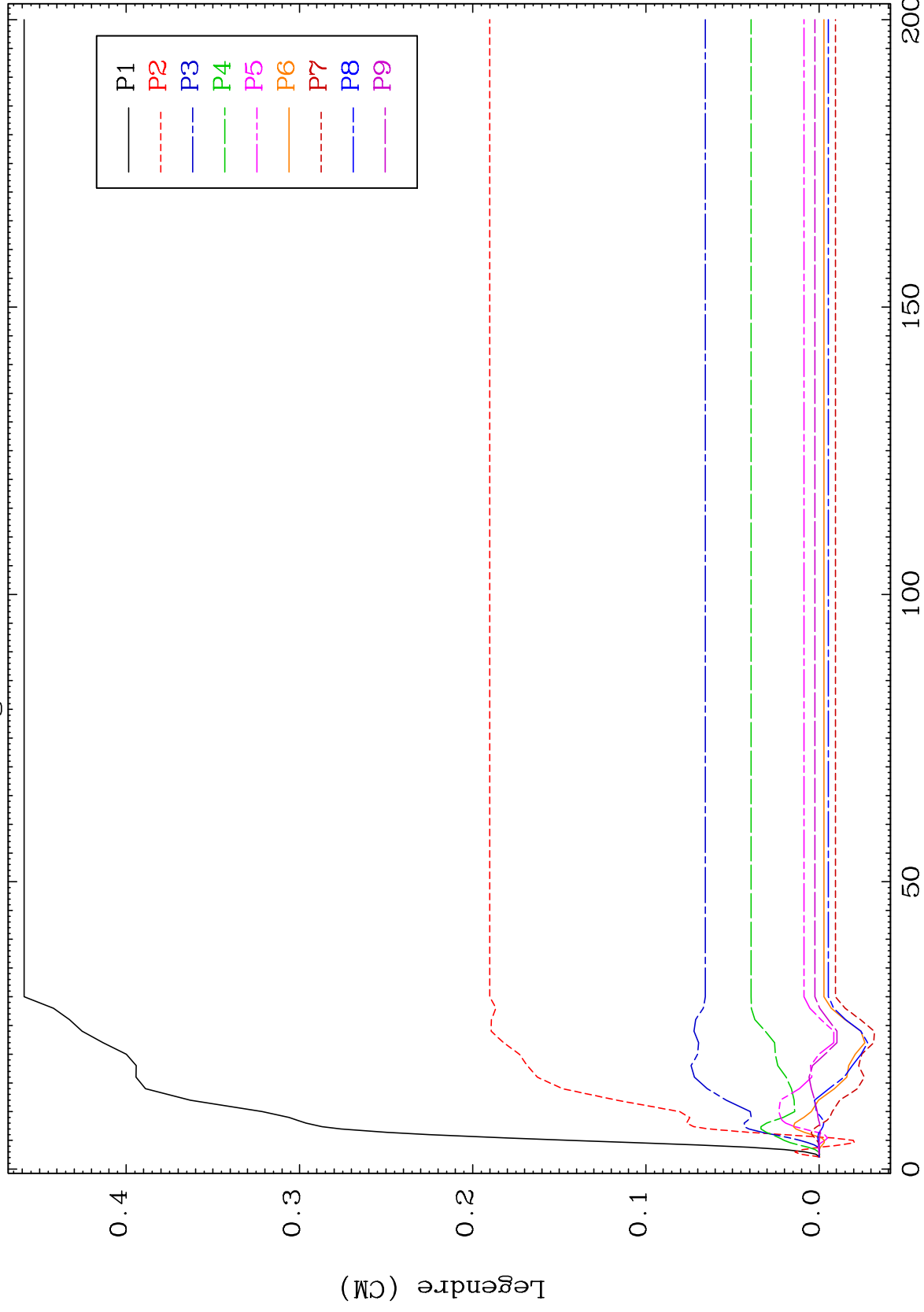
60-Nd-143



MAT 6028

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

60-Nd-143



114

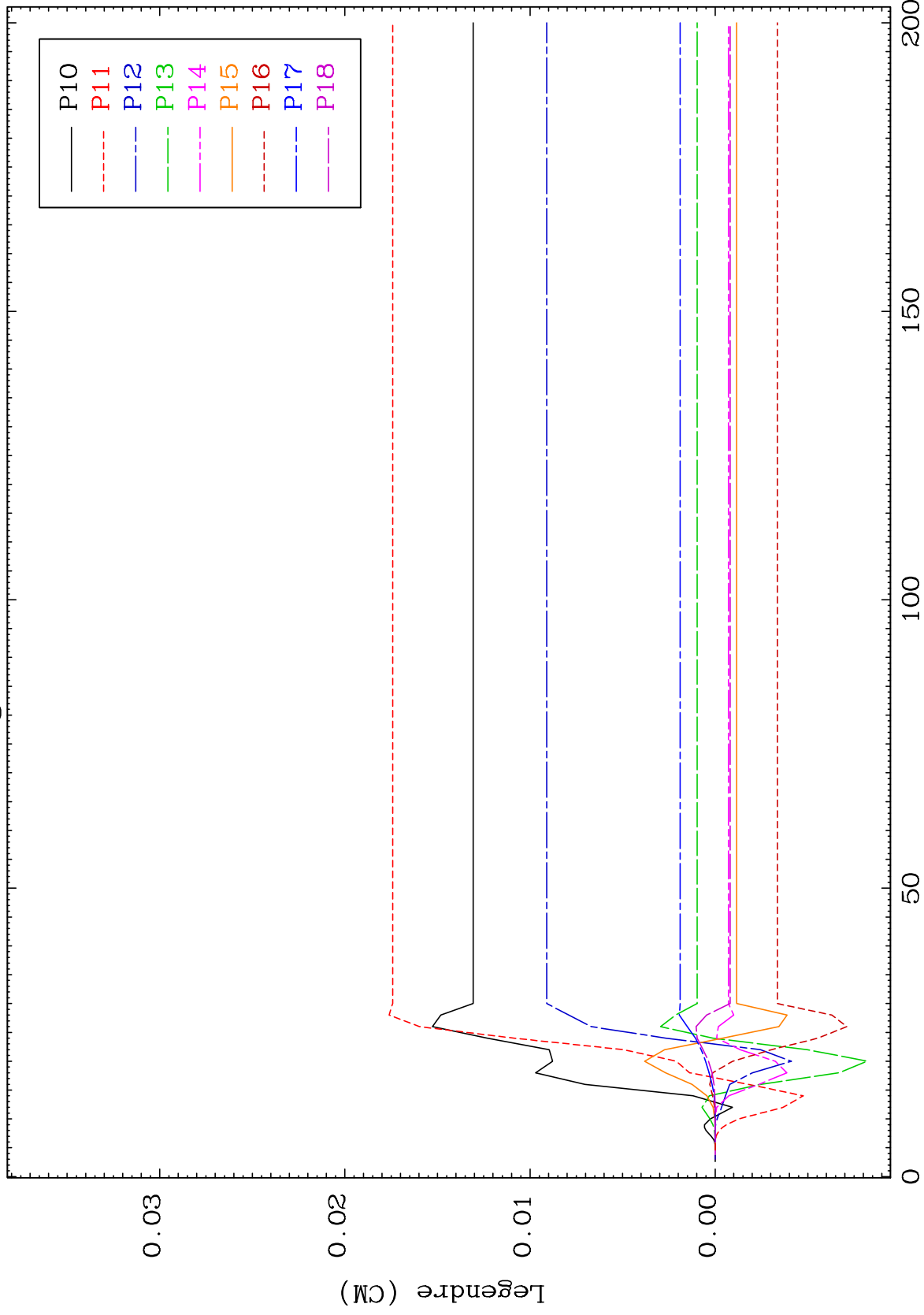
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



115

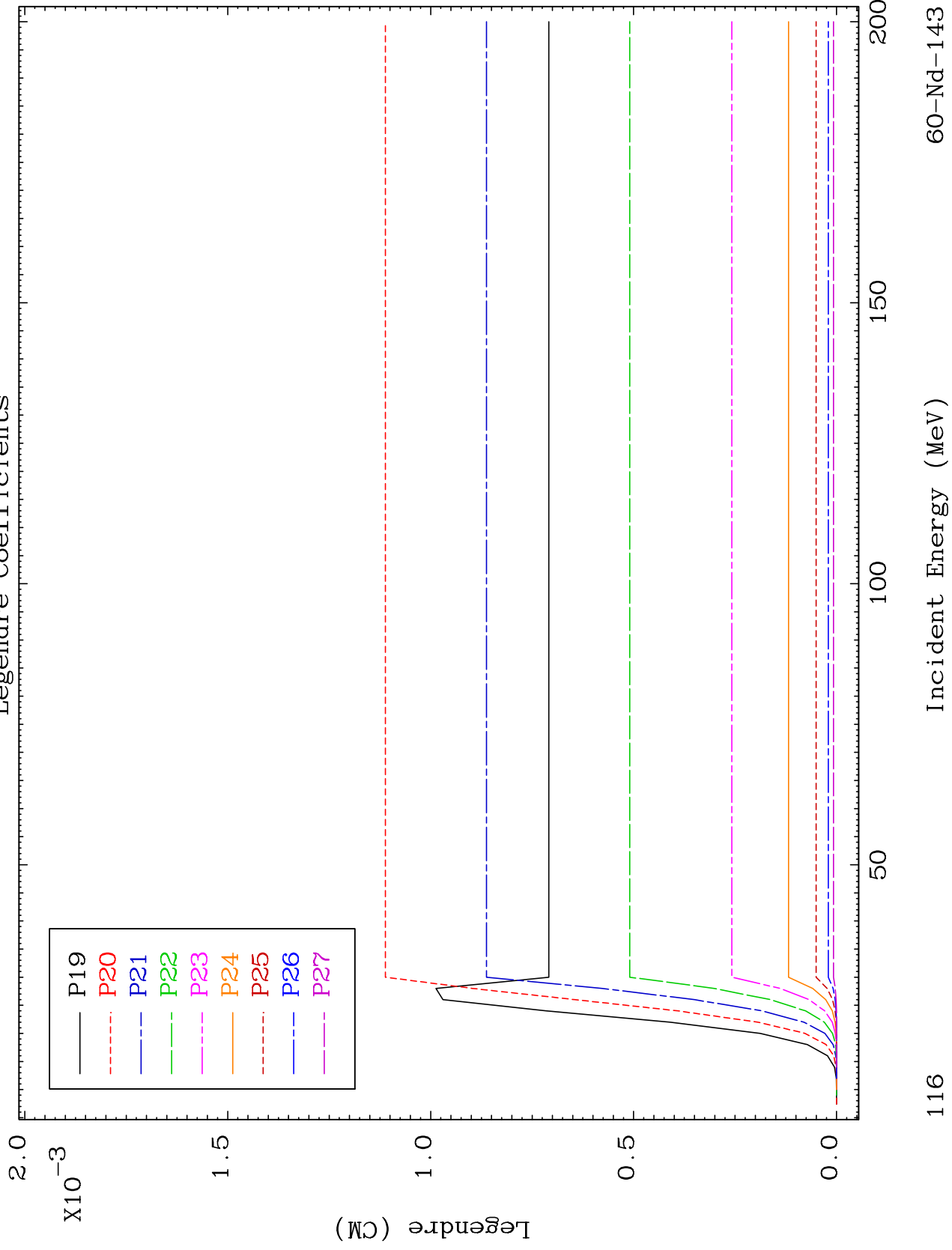
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



116

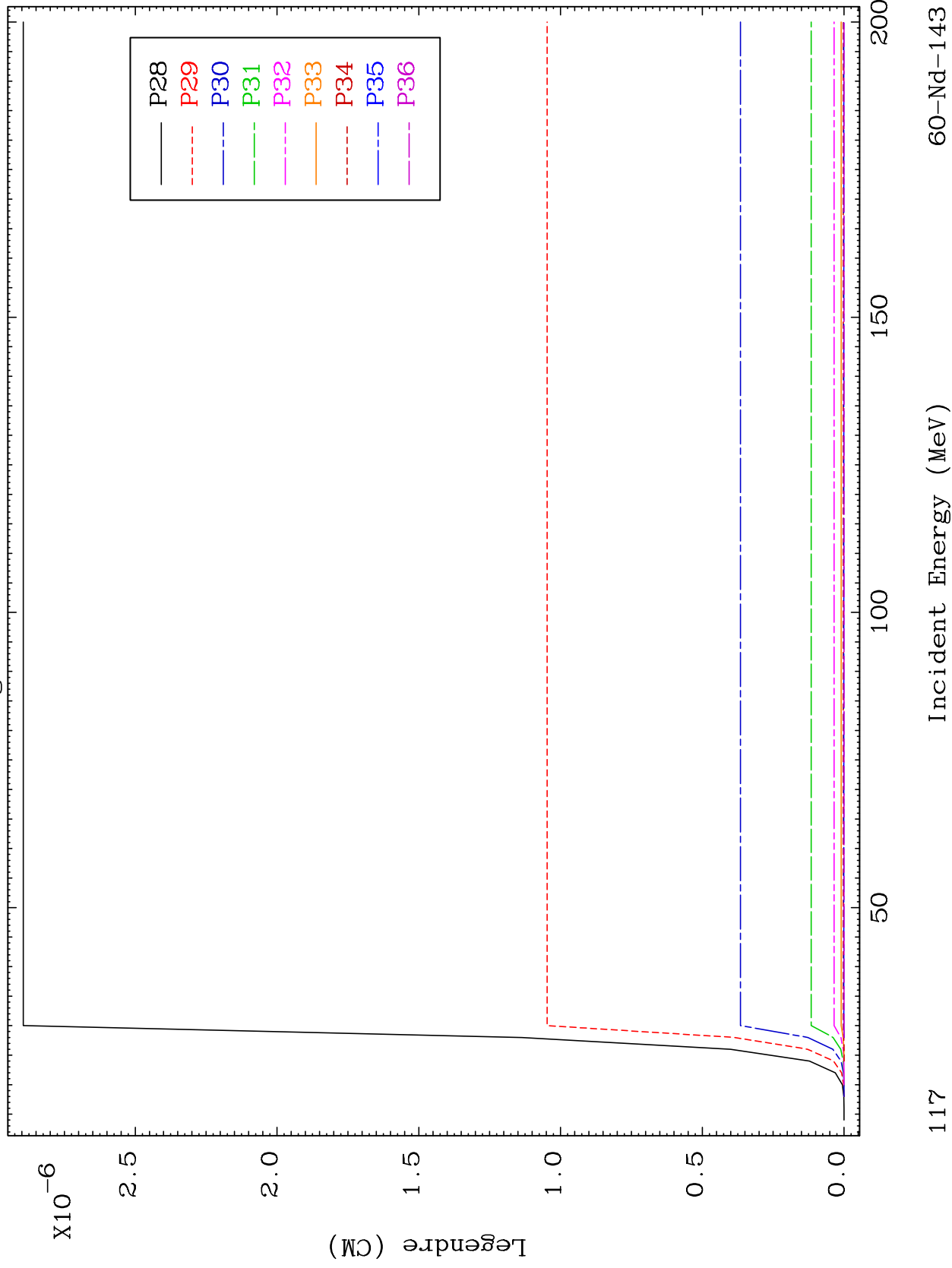
Incident Energy (MeV)

60-Nd-143

MAT 6028

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

60-Nd-143



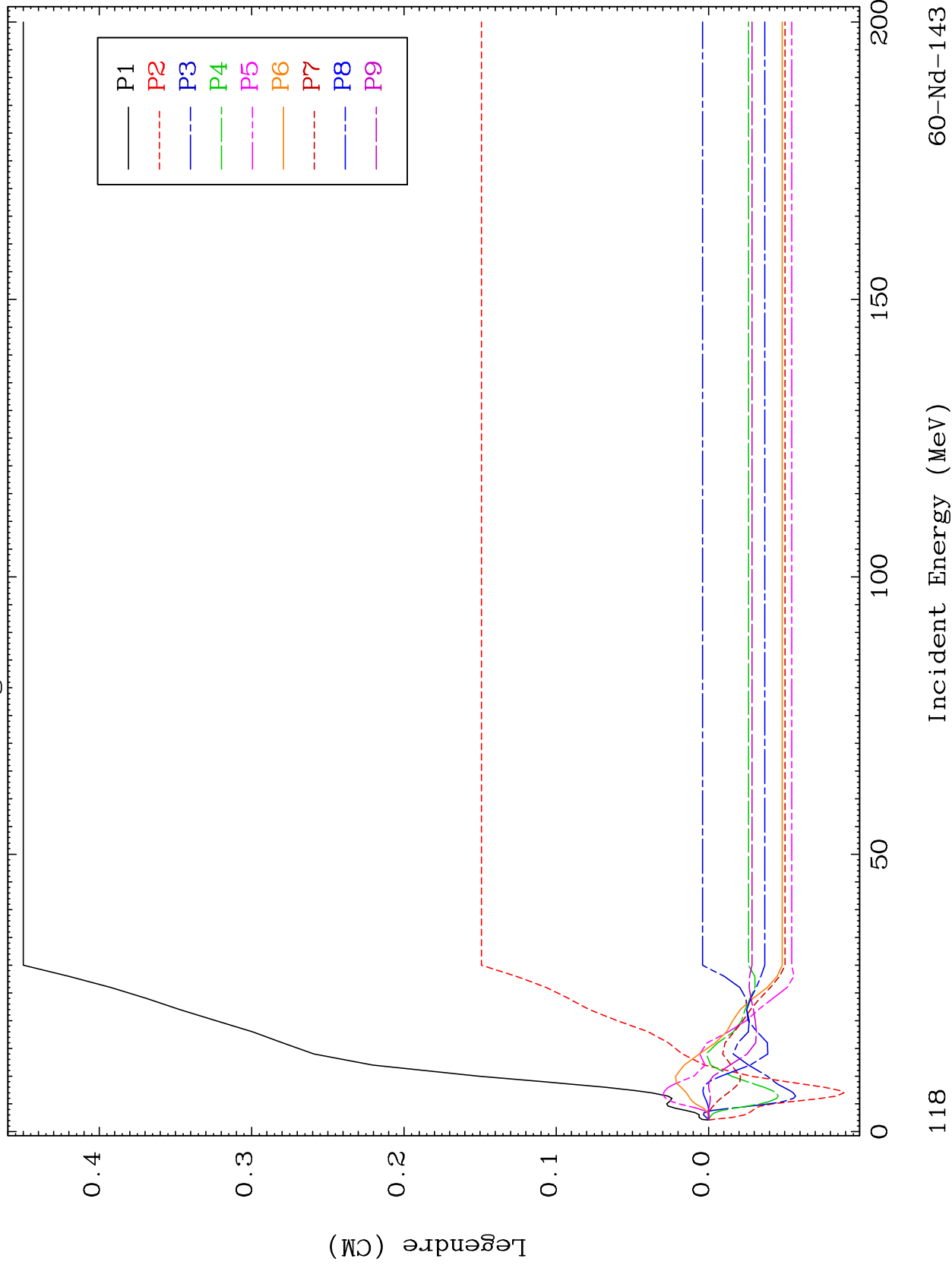
117

60-Nd-143

MAT 6028

MT= 79 (n,n') Level  
Legendre Coefficients

60-Nd-143



60-Nd-143

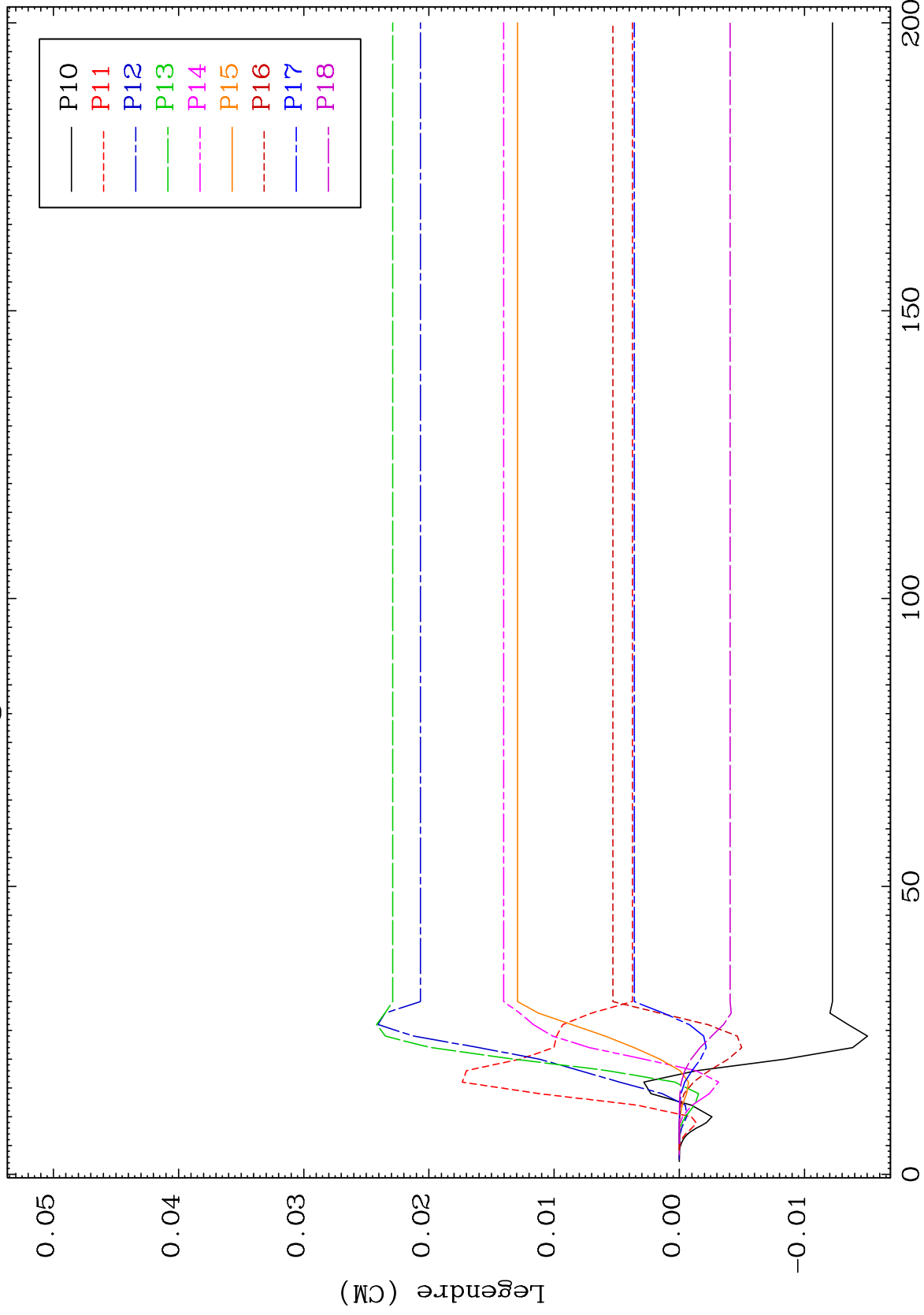
Incident Energy (MeV)

118

MAT 6028

MT= 79 (n,n') Level  
Legendre Coefficients

60-Nd-143



119

Incident Energy (MeV)

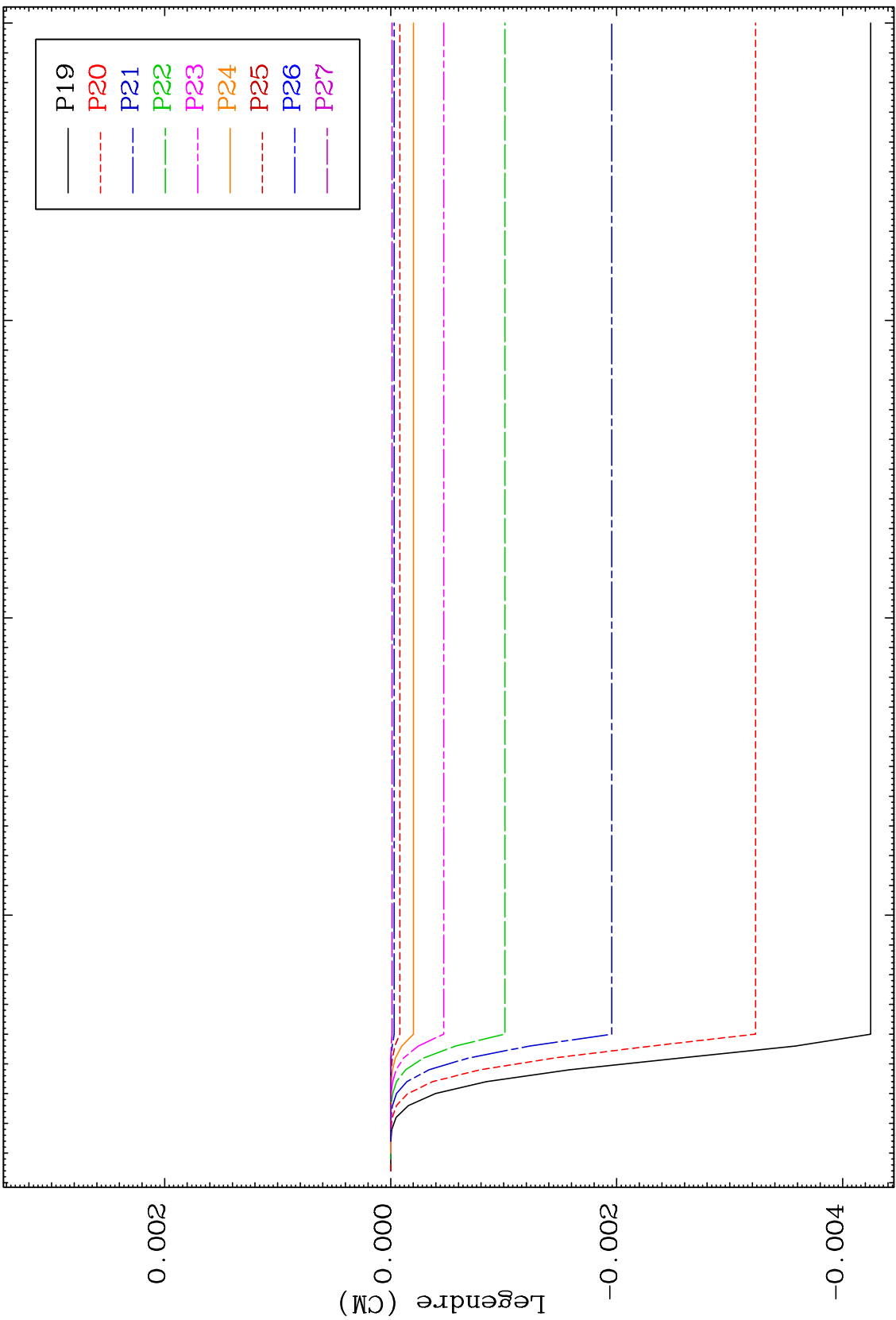
60-Nd-143



MAT 6028

MT= 79 (n,n') Level  
Legendre Coefficients

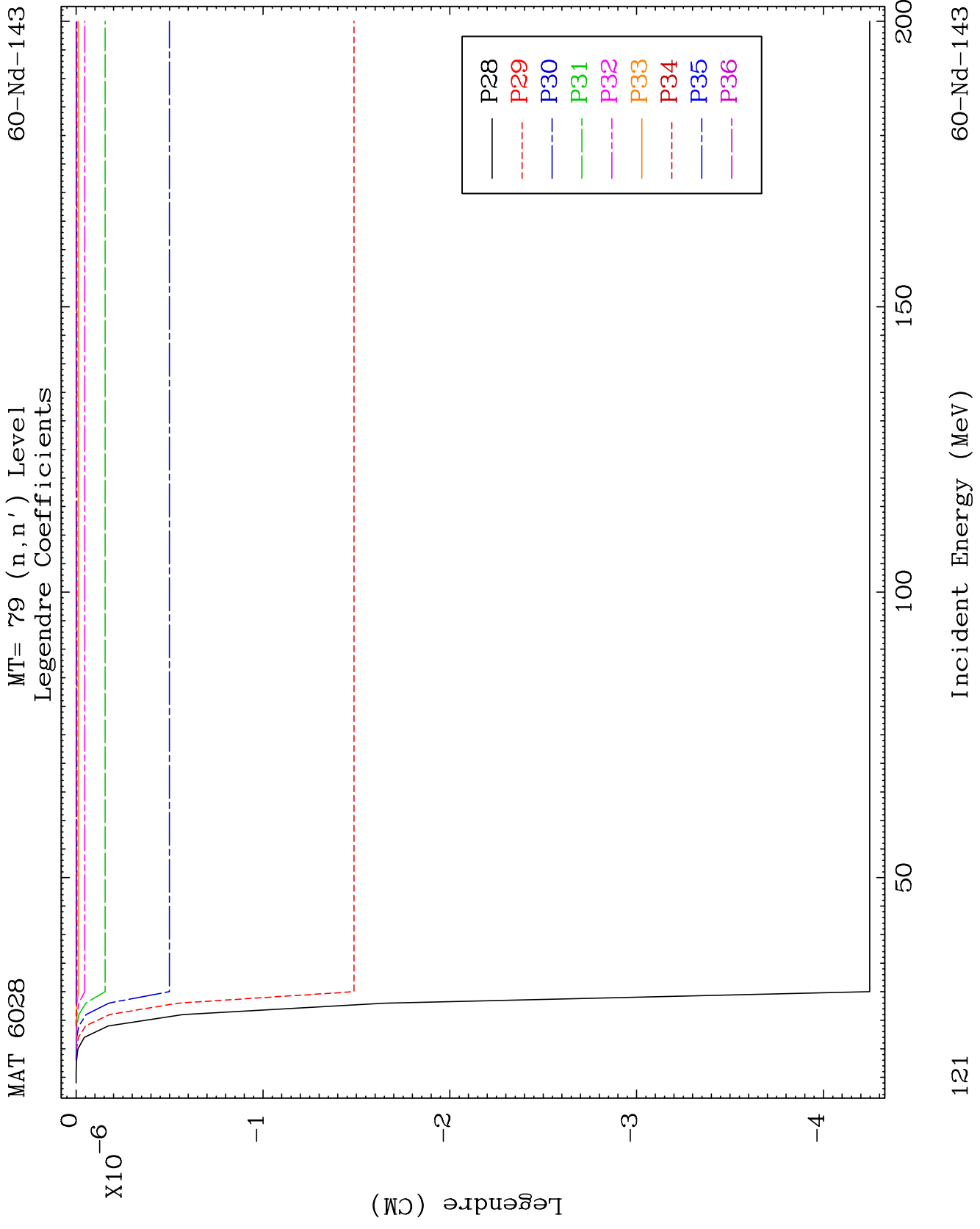
60-Nd-143



120

Incident Energy (MeV)

60-Nd-143

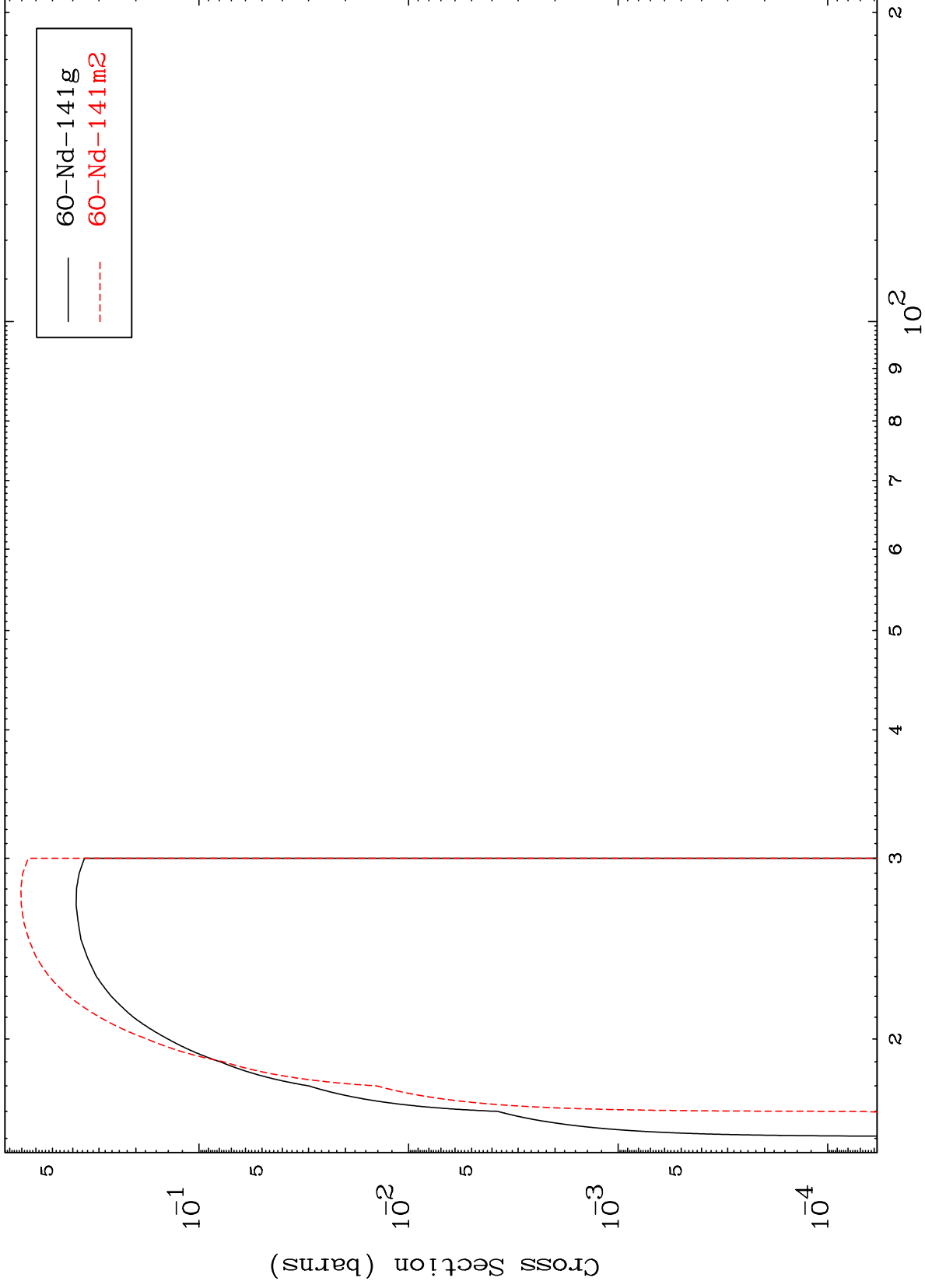


MAT 6028

(n,3n)

60-Nd-143

Radionuclide Production Cross Section



122

Incident Energy (MeV)

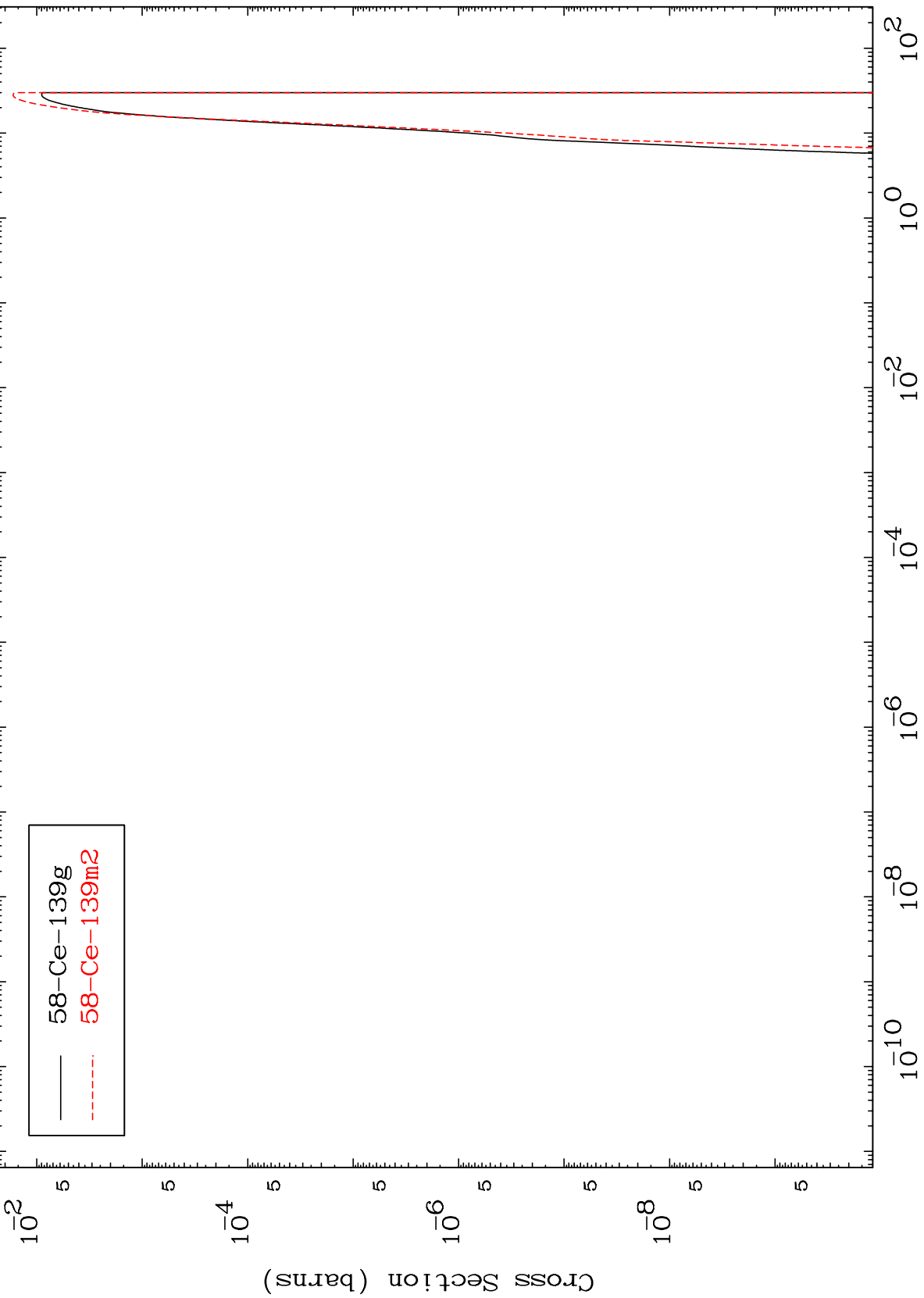
60-Nd-143

MAT 6028

$(n, n')$   $\alpha$

60-Nd-143

Radionuclide Production Cross Section

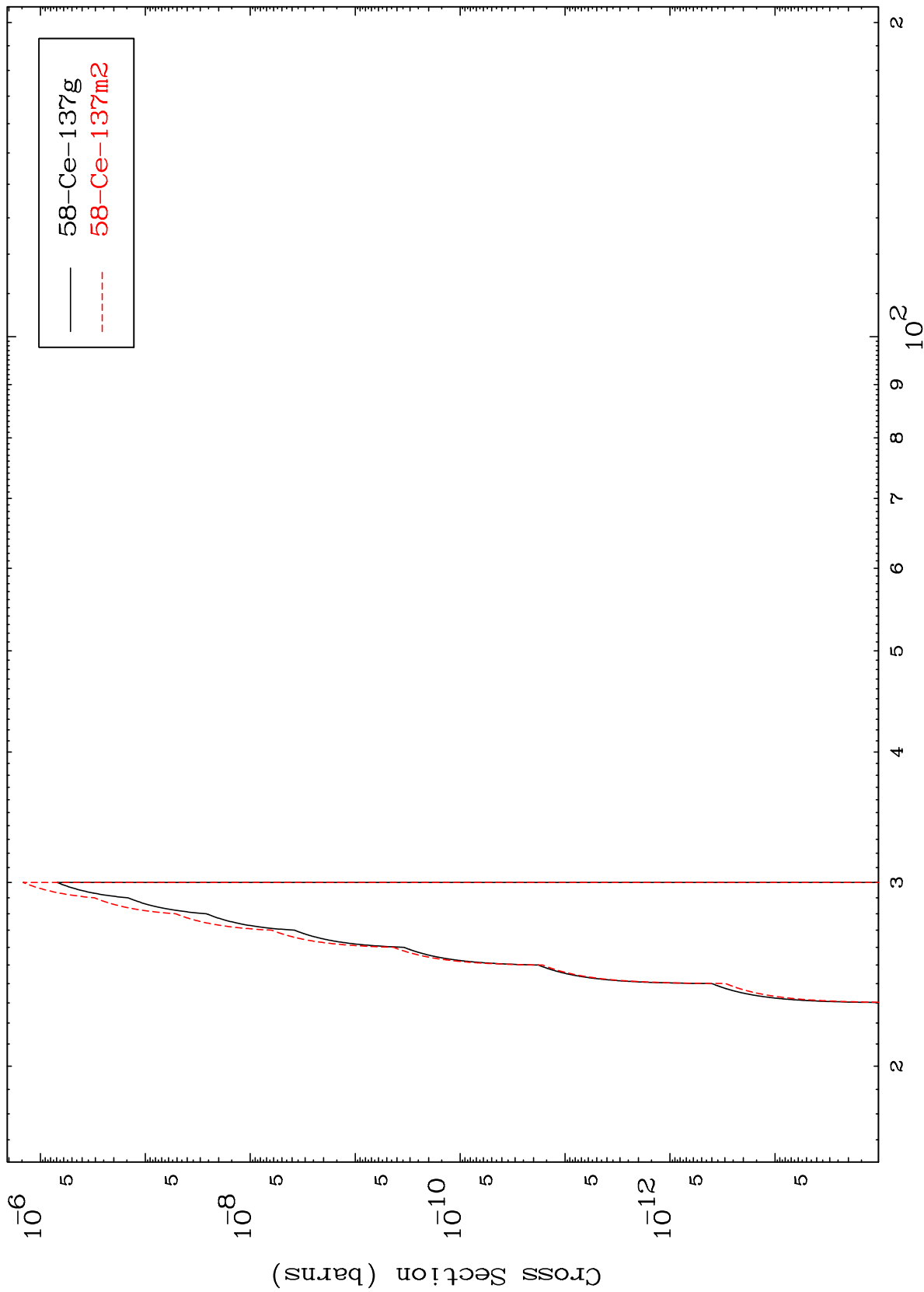


MAT 6028

(n,3n)  $\alpha$

60-Nd-143

Radionuclide Production Cross Section



124

Incident Energy (MeV)

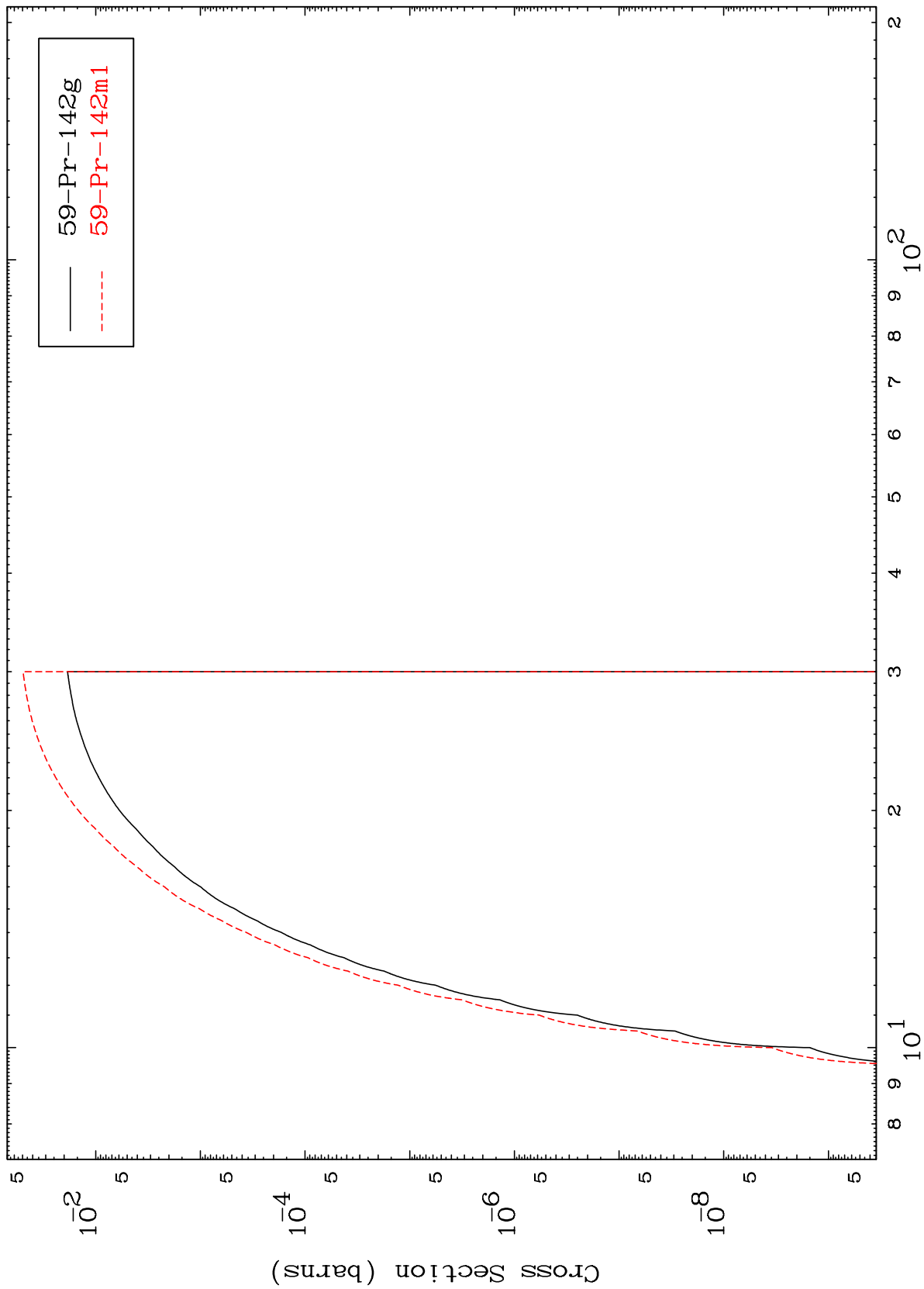
60-Nd-143

MAT 6028

$(n, n')$  p

60-Nd-143

Radionuclide Production Cross Section

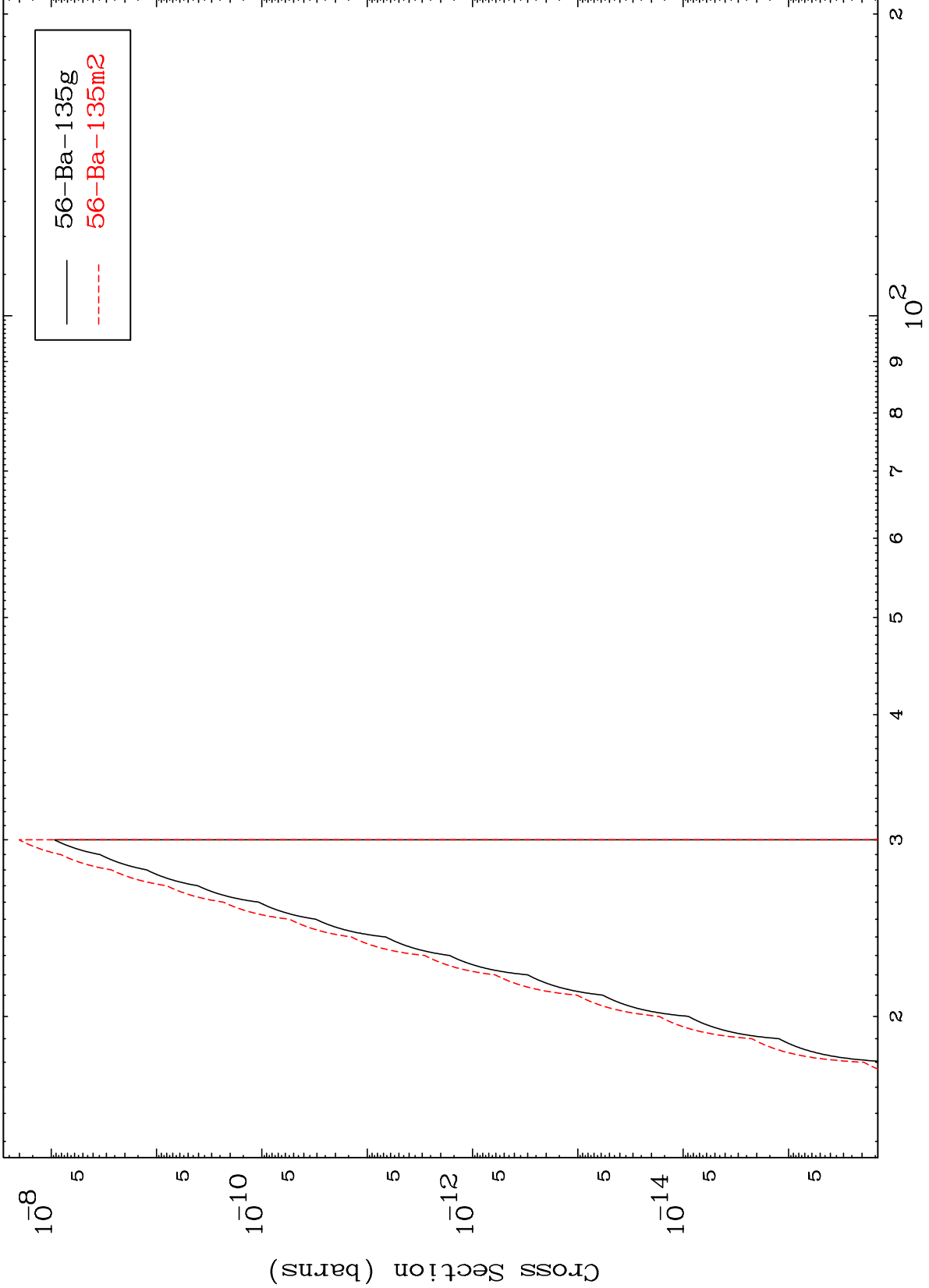


125

Incident Energy (MeV)

60-Nd-143

Radionuclide Production Cross Section

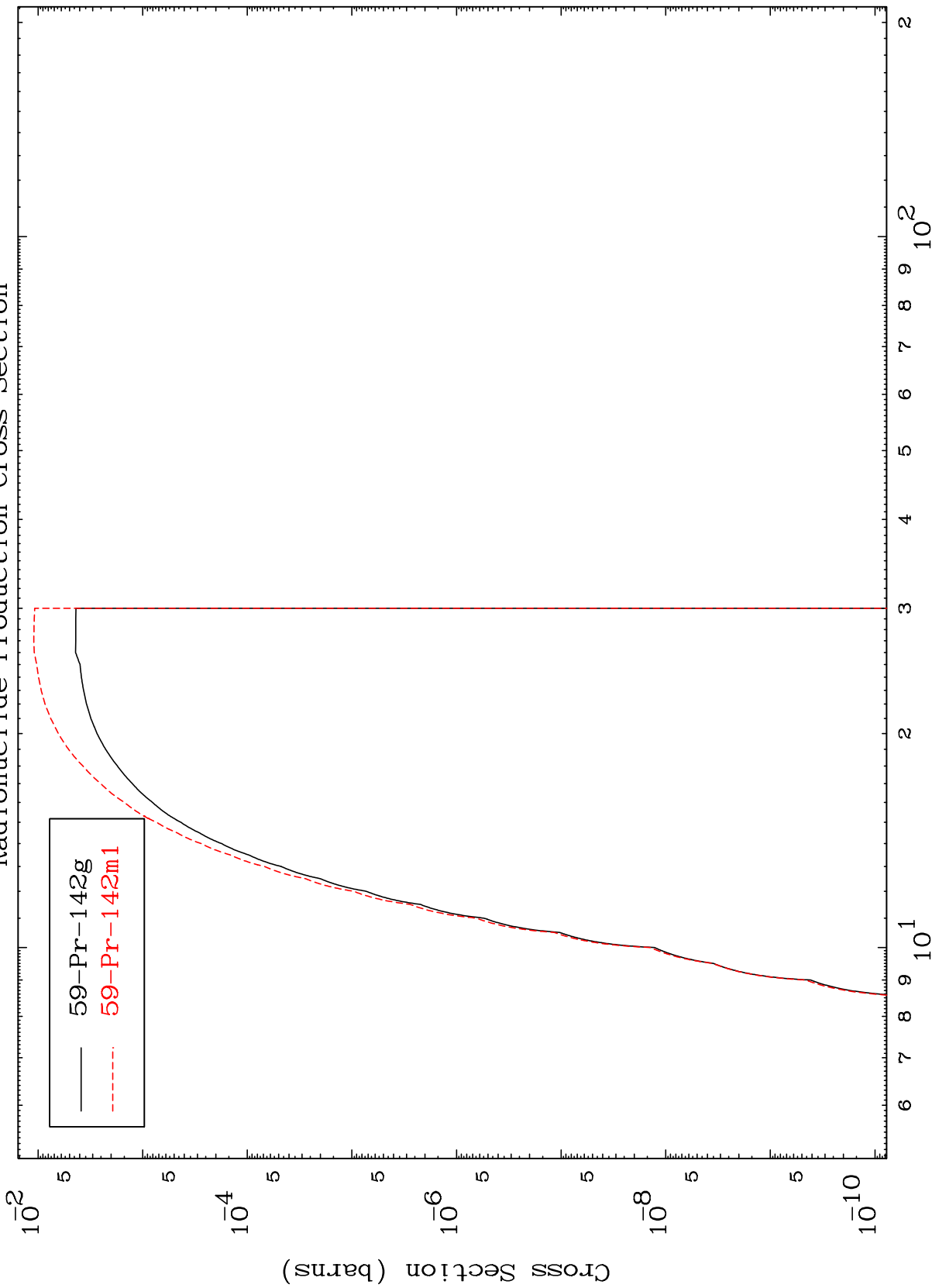


56-Ba-135g  
56-Ba-135m2

MAT 6028

60-Nd-143

(n,d)  
Radionuclide Production Cross Section



127

Incident Energy (MeV)

60-Nd-143



MAT 6028

(n,2α)

60-Nd-143

Radionuclide Production Cross Section

