

Program EVALPLOT
(Version 2021-1)

by

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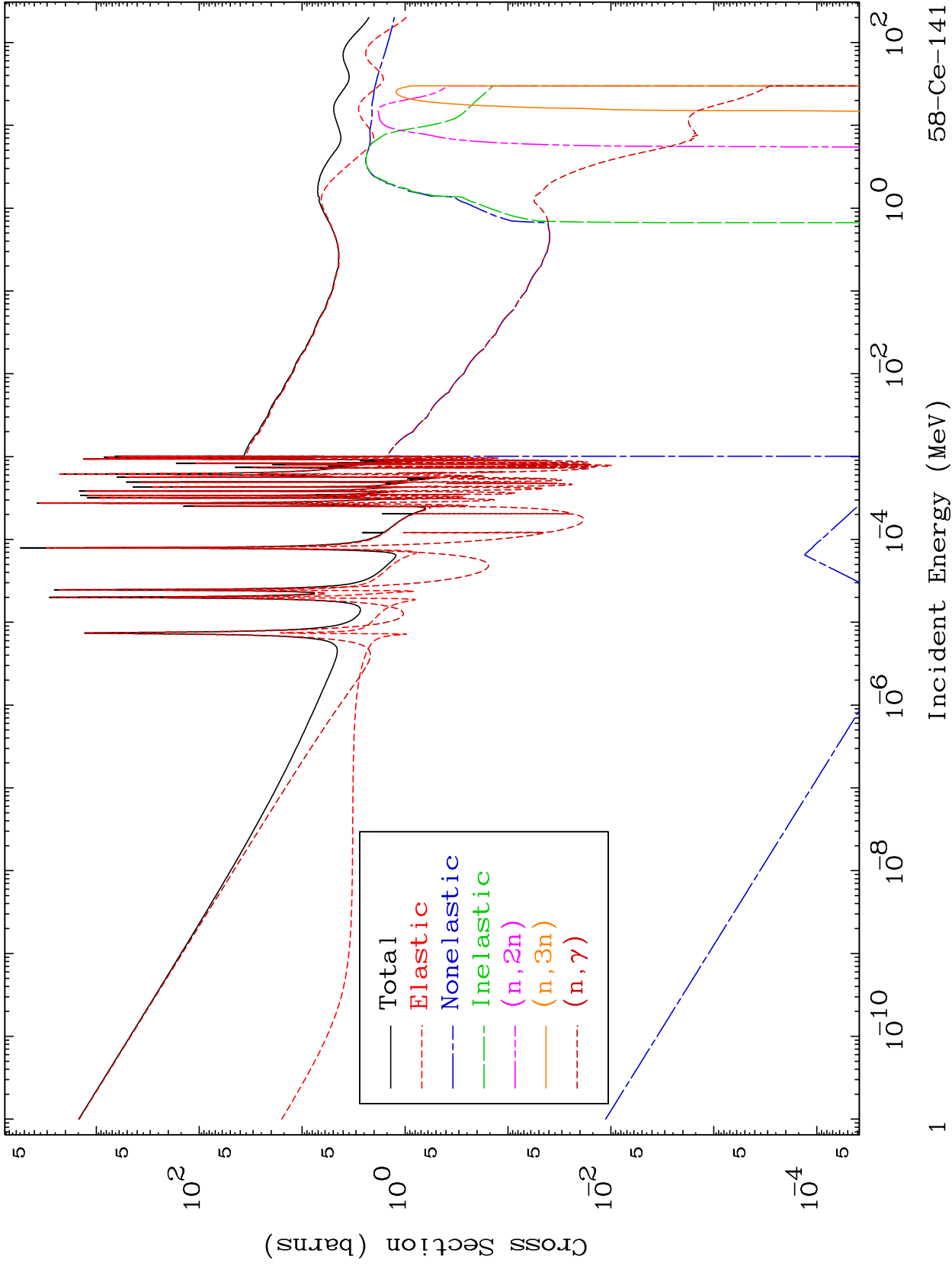
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5840

Neutron Major
293 Kelvin Cross Sections

58-Ce-141



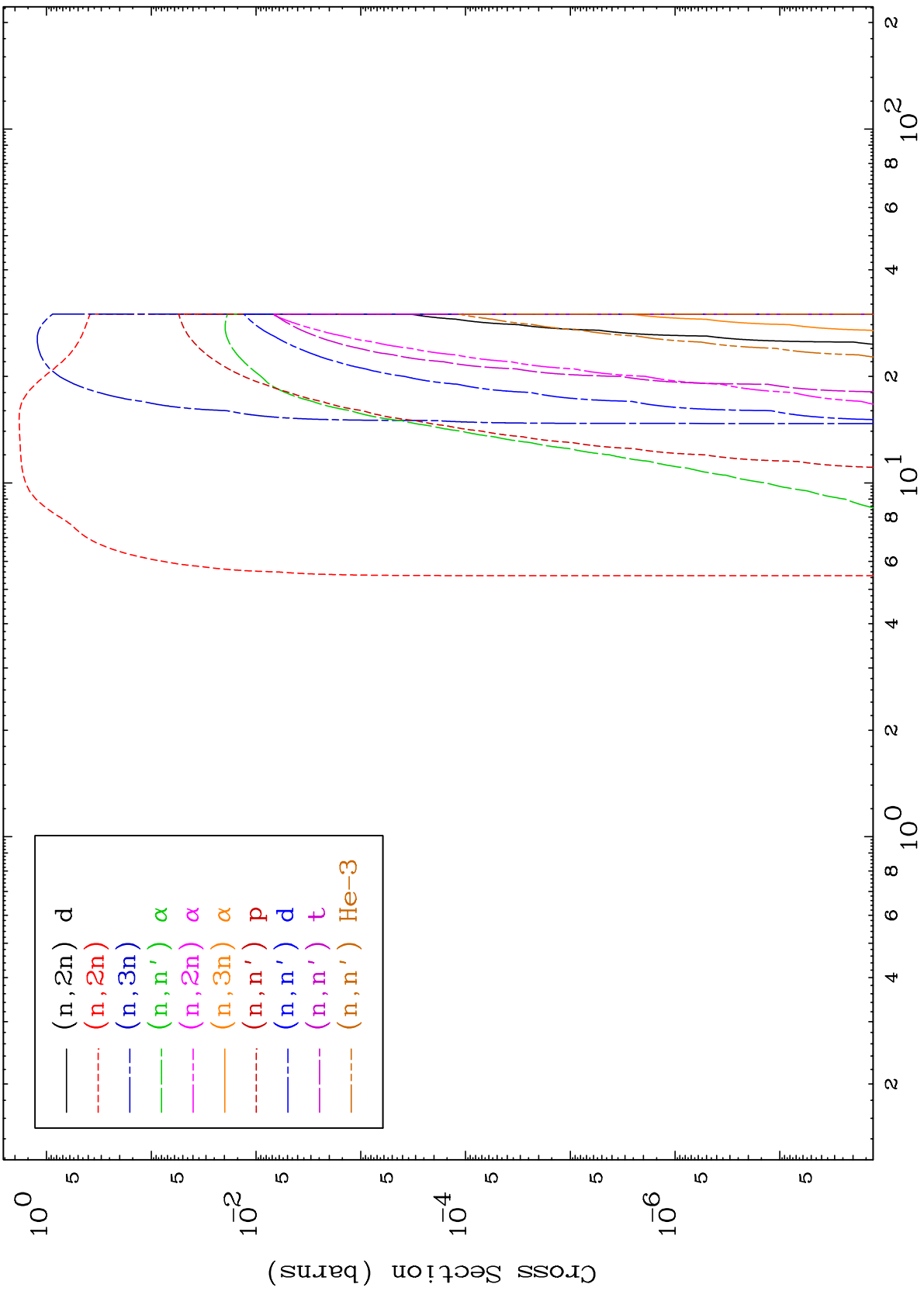
58-Ce-141

Incident Energy (MeV)

MAT 5840

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-141



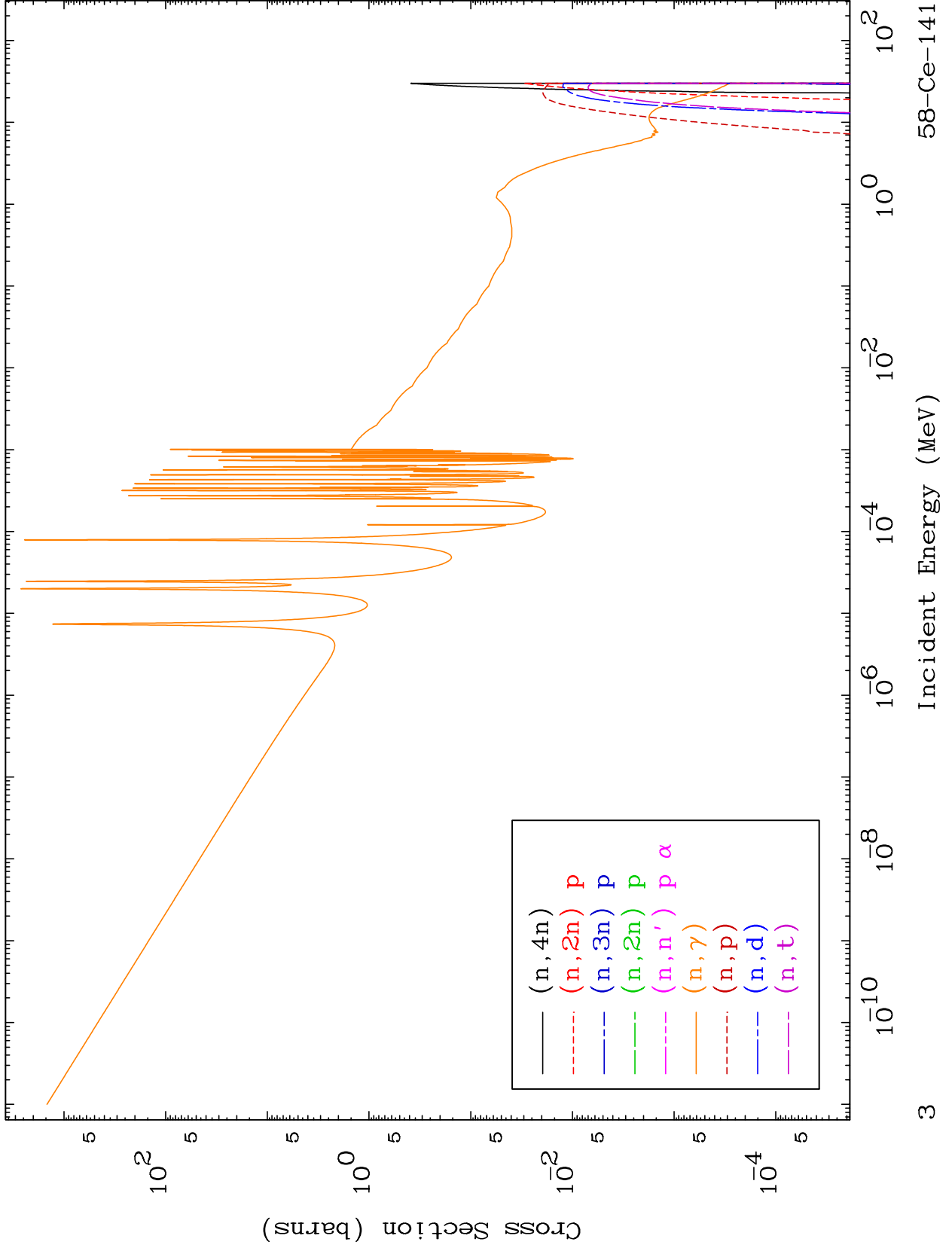
Incident Energy (MeV)

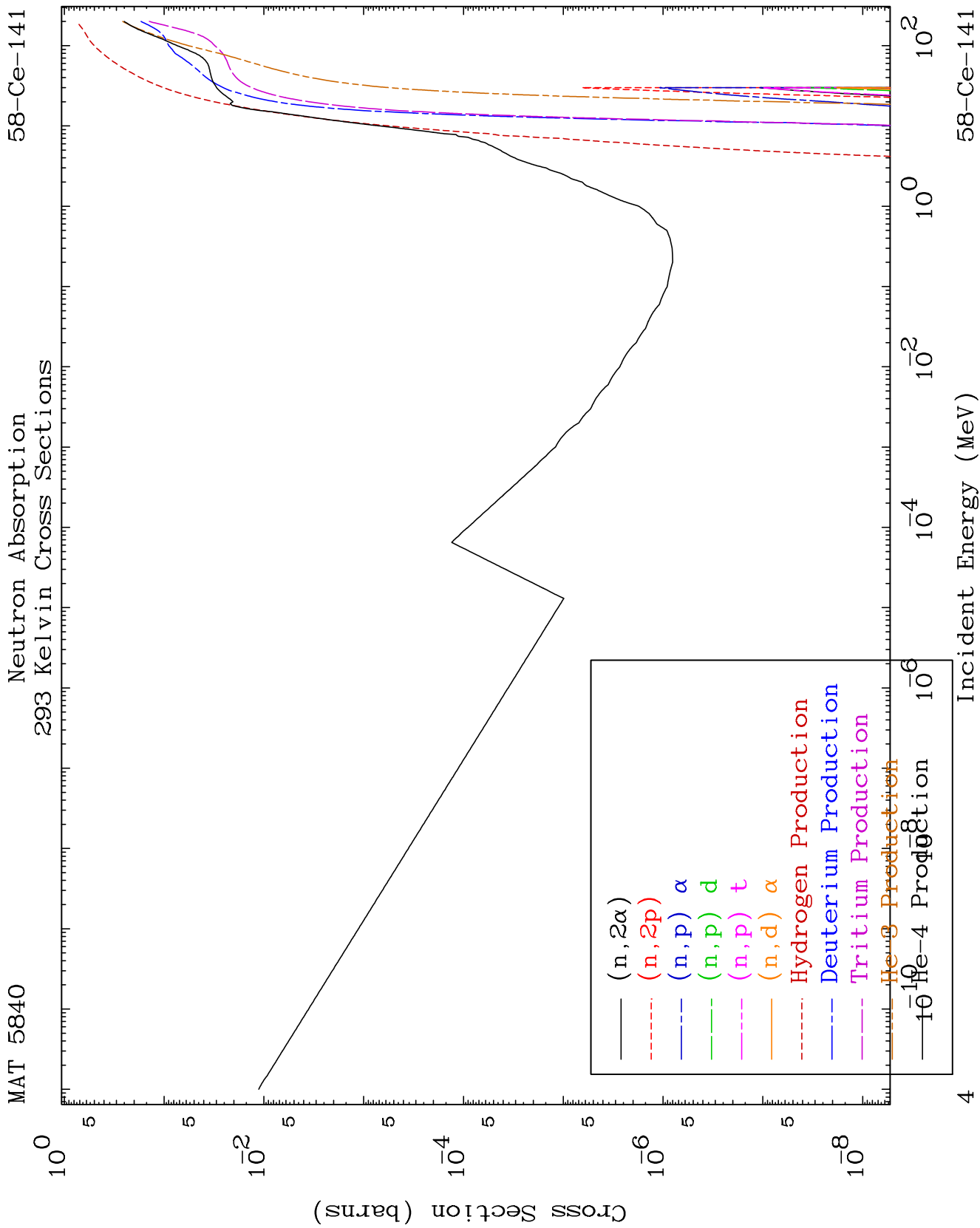
58-Ce-141

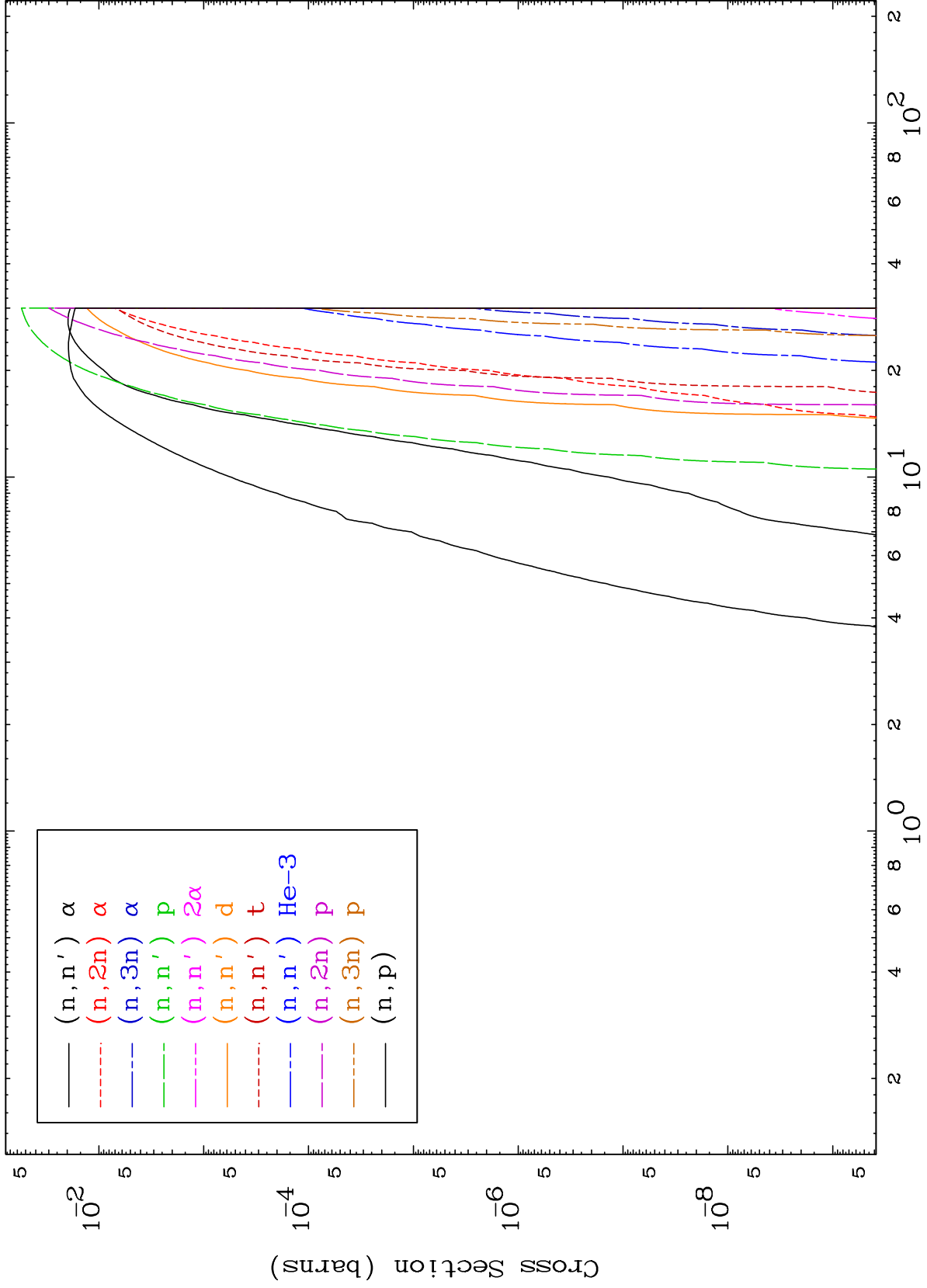
MAT 5840

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-141



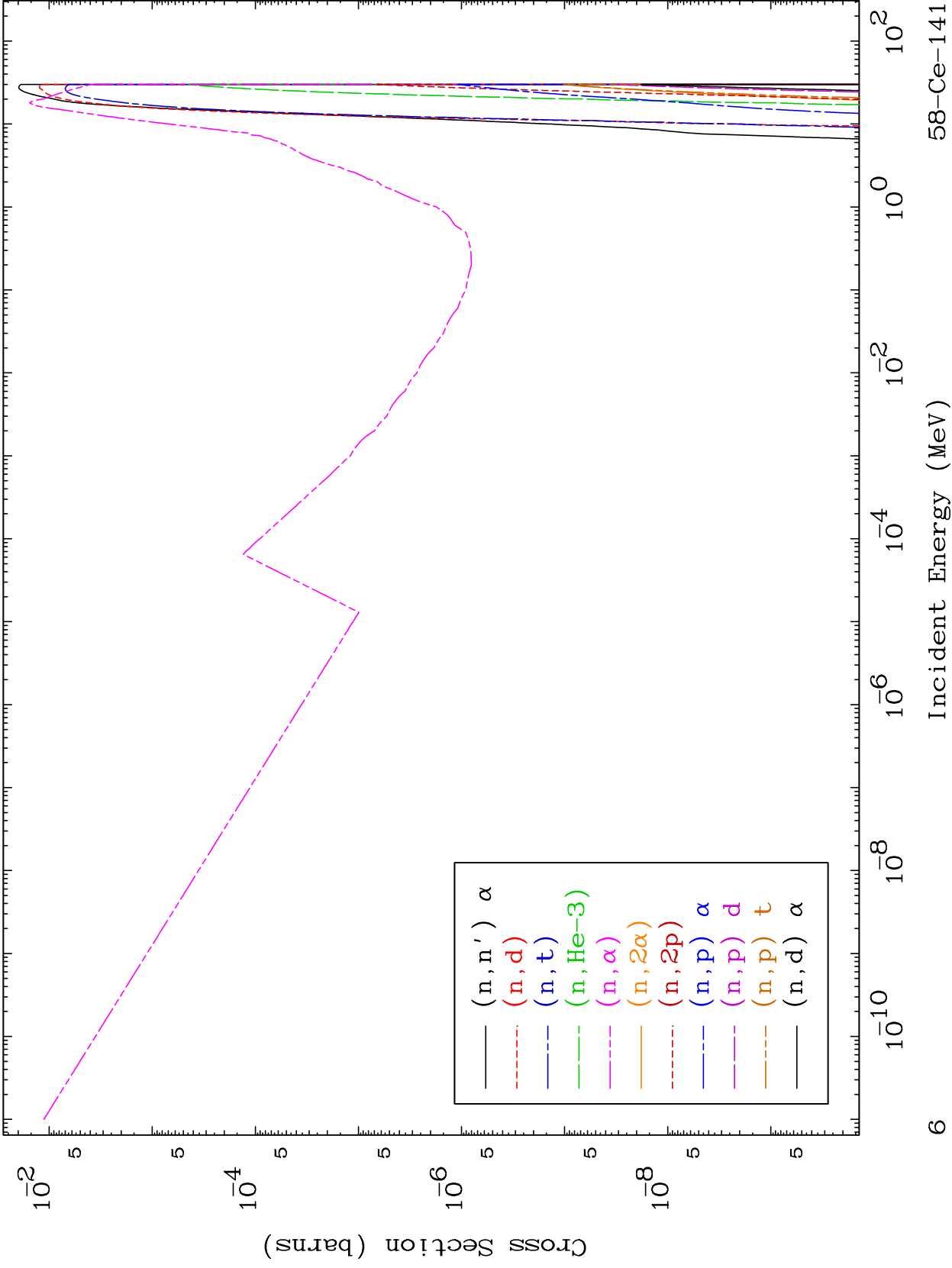




MAT 5840

Charged Particle
293 Kelvin Cross Sections

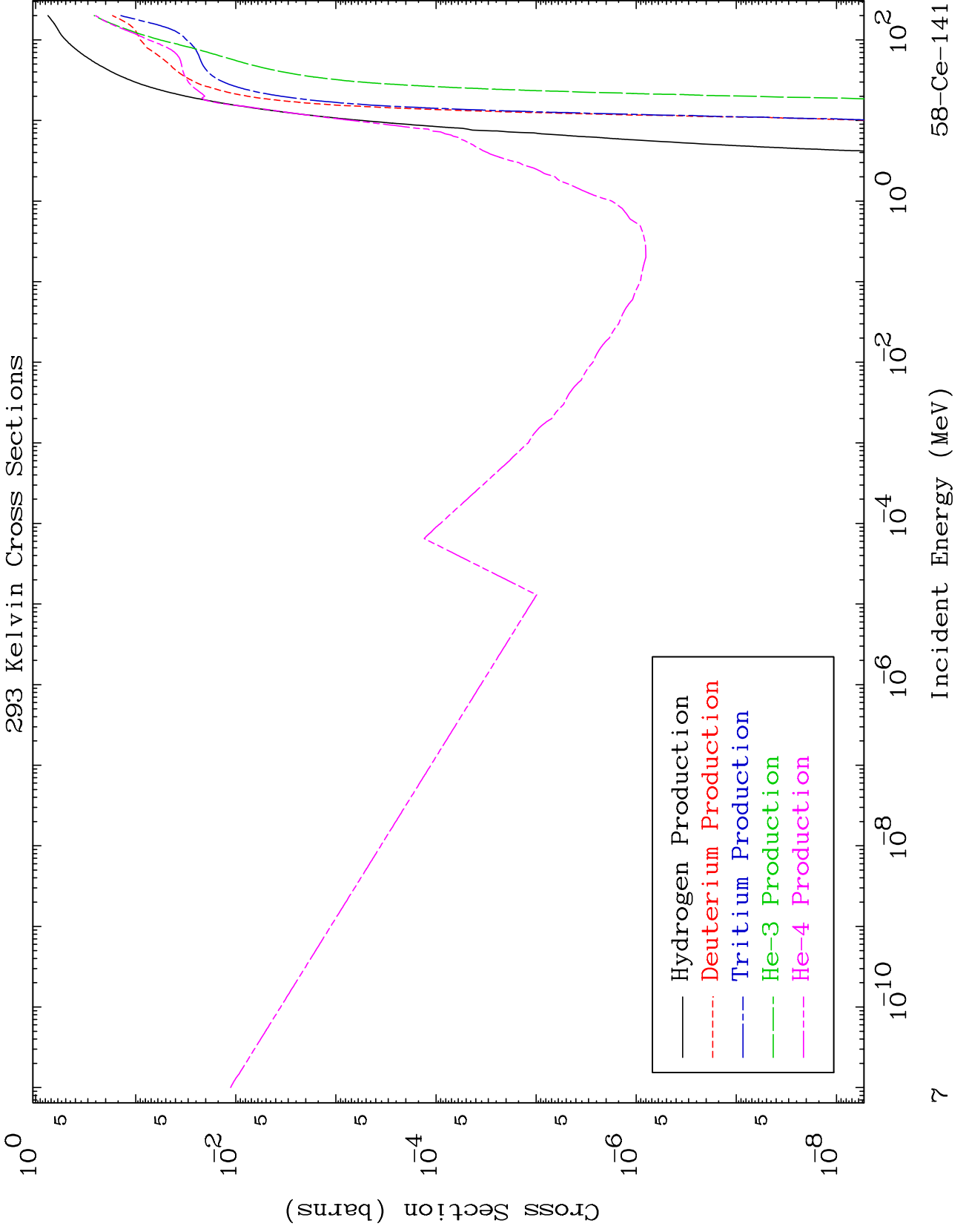
58-Ce-141



MAT 5840

Particle Production
293 Kelvin Cross Sections

58-Ce-141

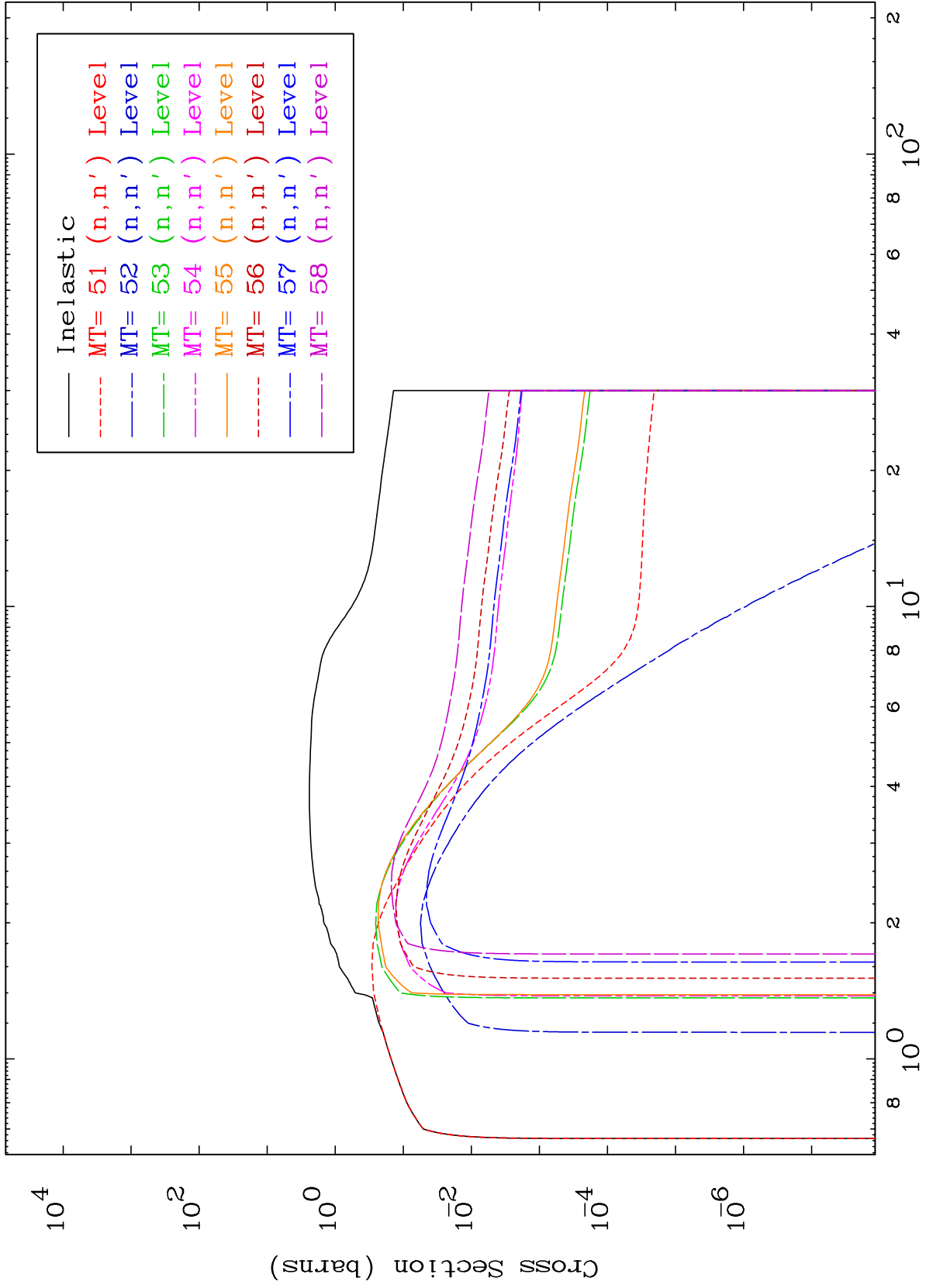


MAT 5840

(n,n') Levels

58-Ce-141

293 Kelvin Cross Sections



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Incident Energy (MeV)

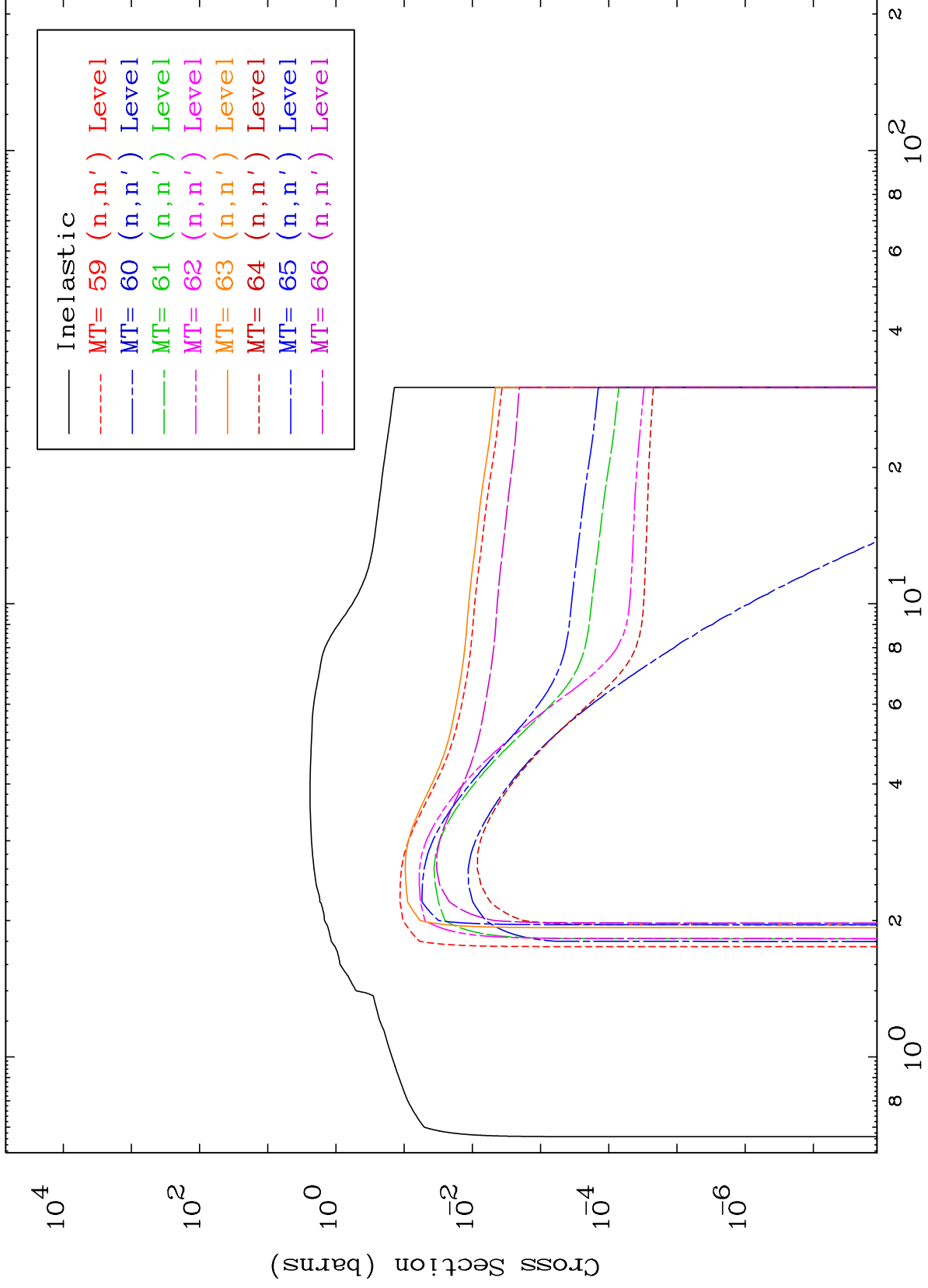
58-Ce-141

MAT 5840

(n,n') Levels

58-Ce-141

293 Kelvin Cross Sections

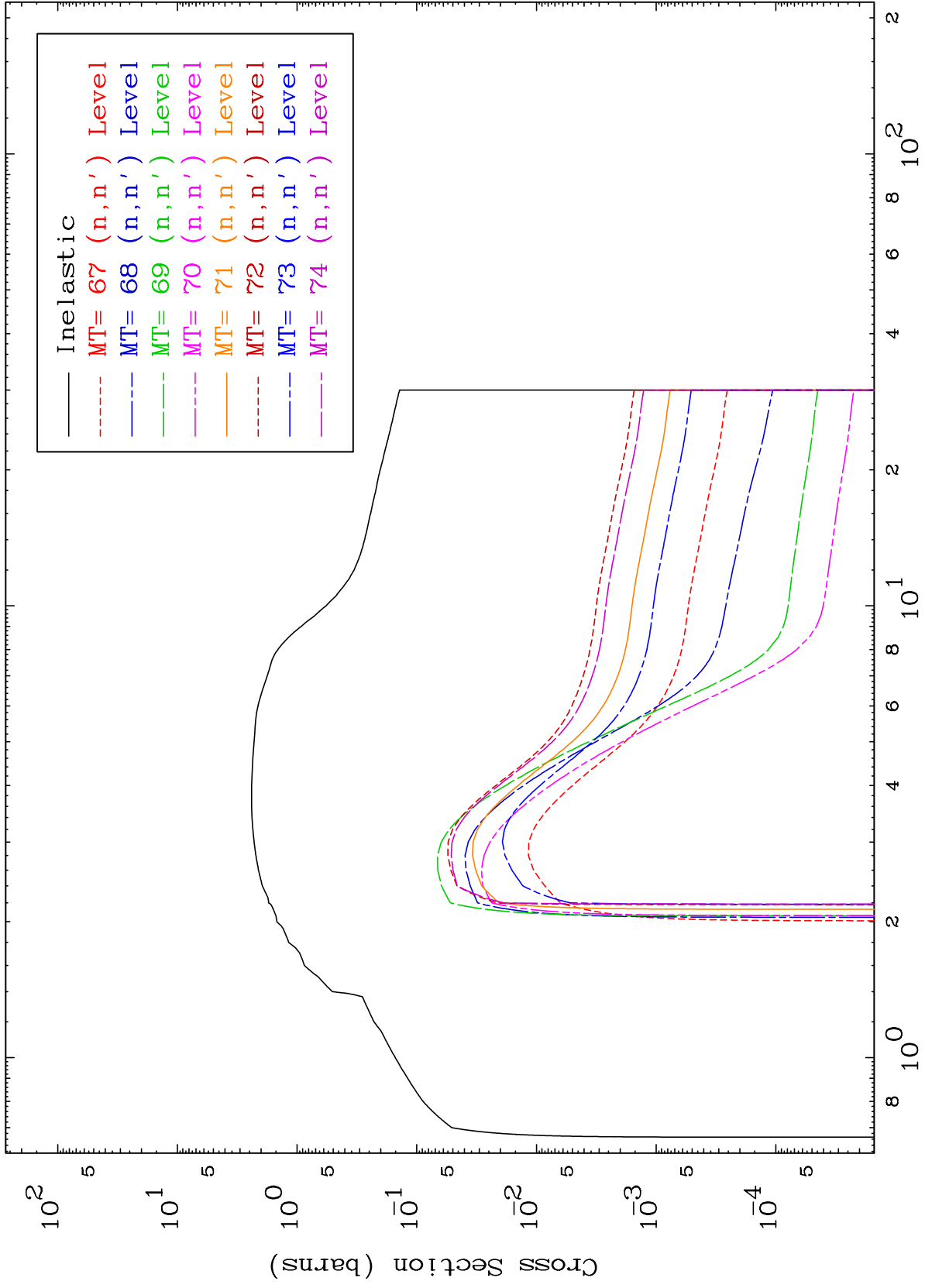


MAT 5840

(n,n') Levels

58-Ce-141

293 Kelvin Cross Sections

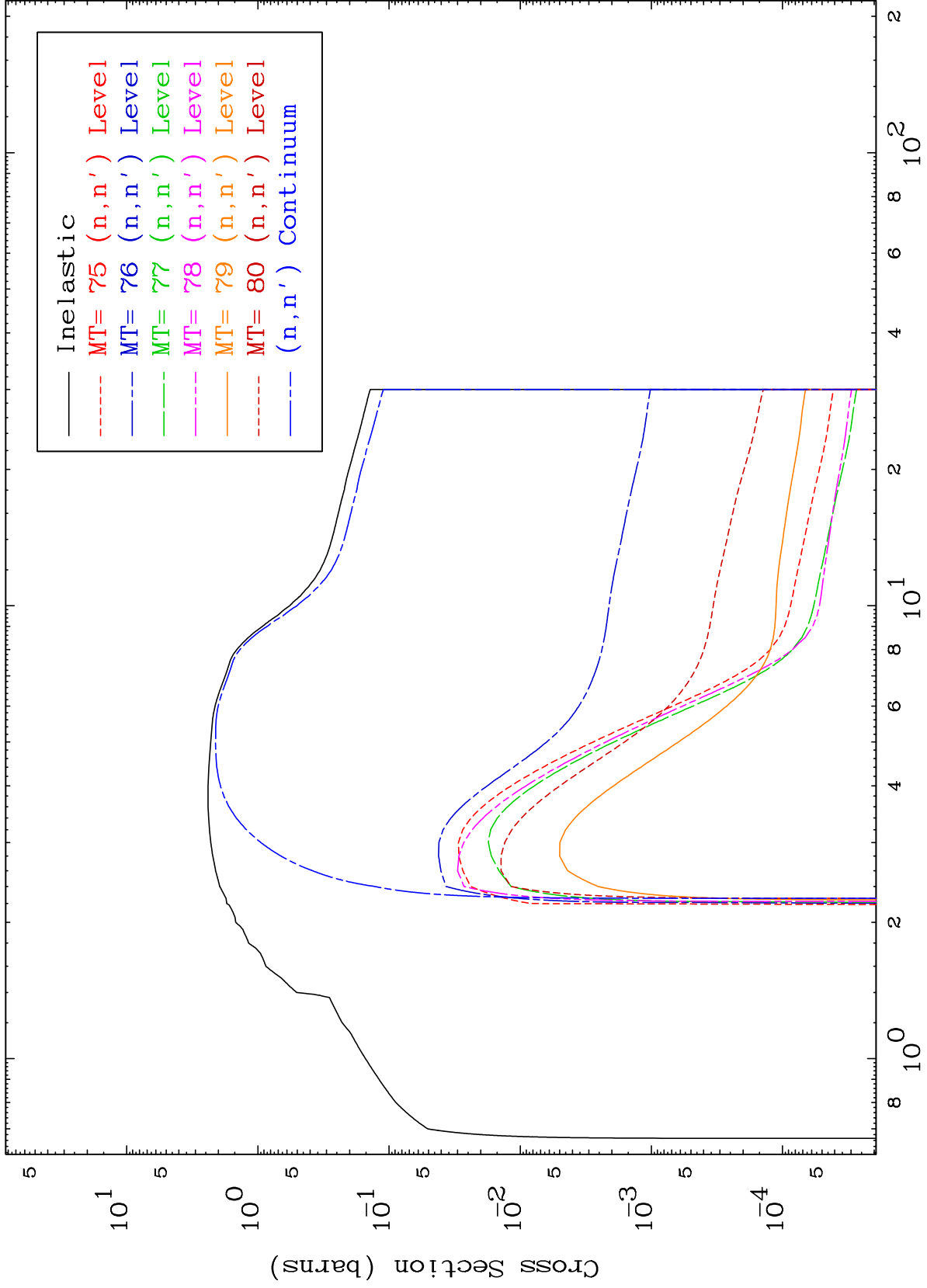


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Incident Energy (MeV)

58-Ce-141

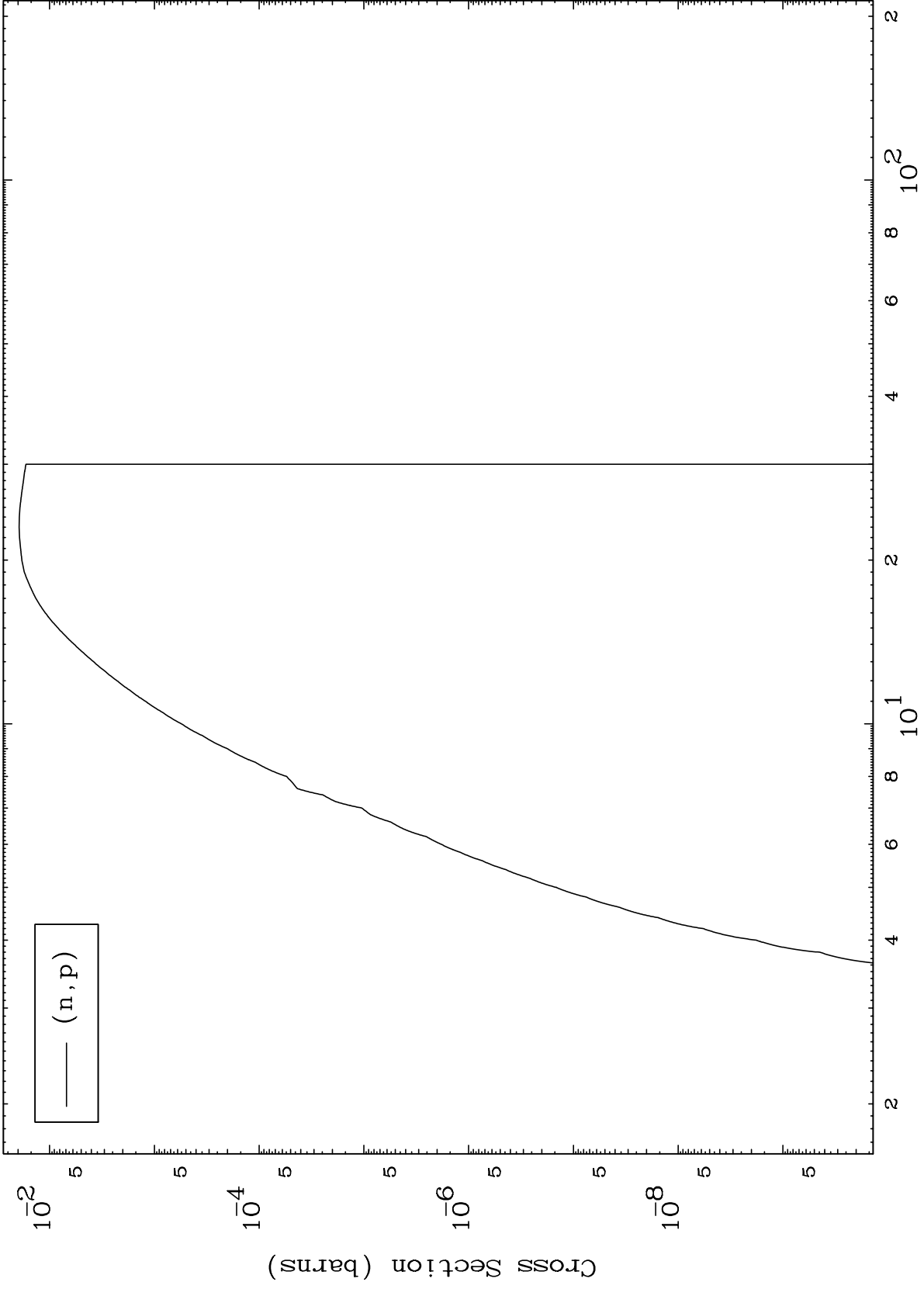
293 Kelvin Cross Sections



MAT 5840

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-141



12

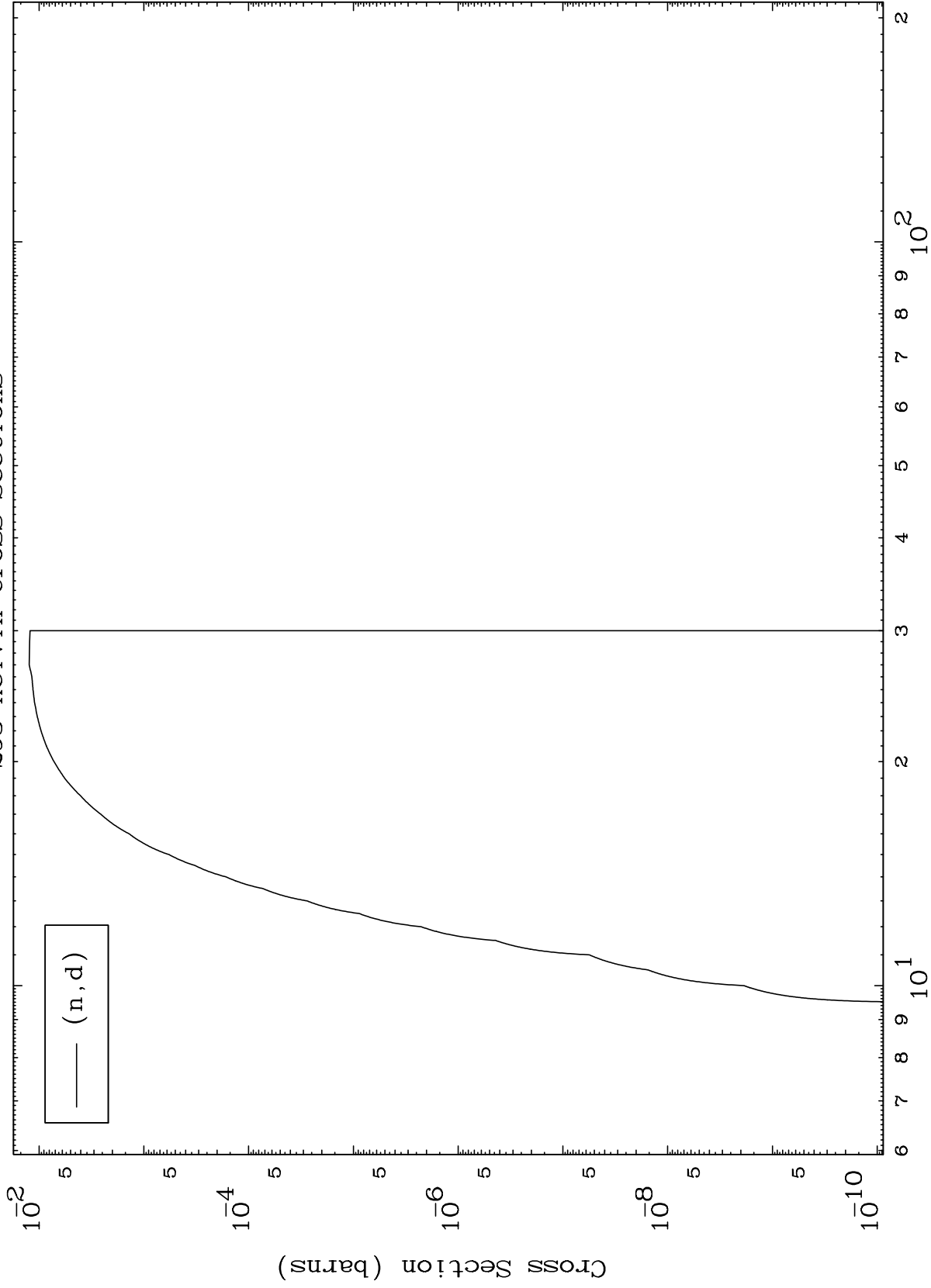
Incident Energy (MeV)

58-Ce-141

MAT 5840

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-141



13

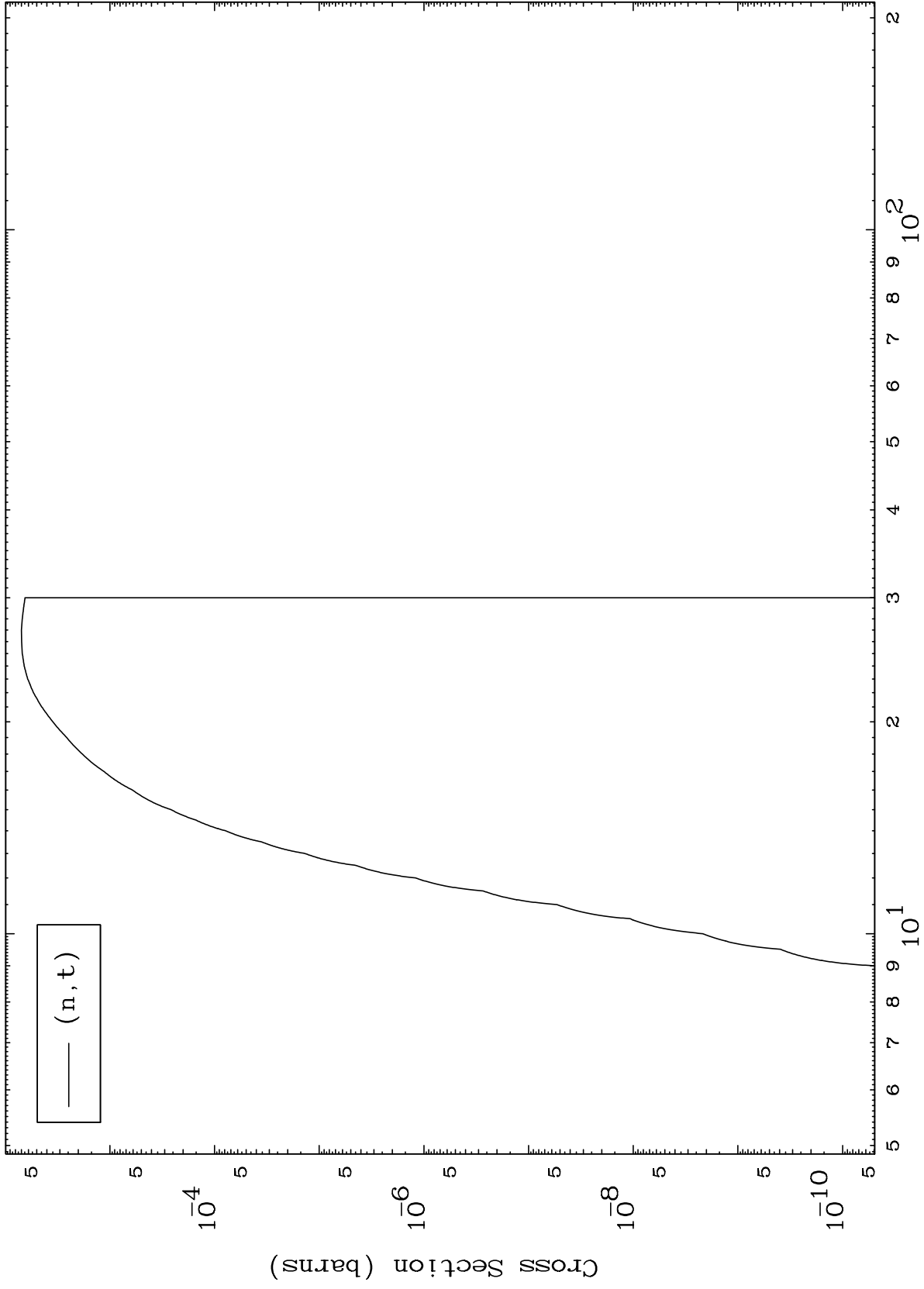
Incident Energy (MeV)

58-Ce-141

MAT 5840

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-141



(n,t)

14

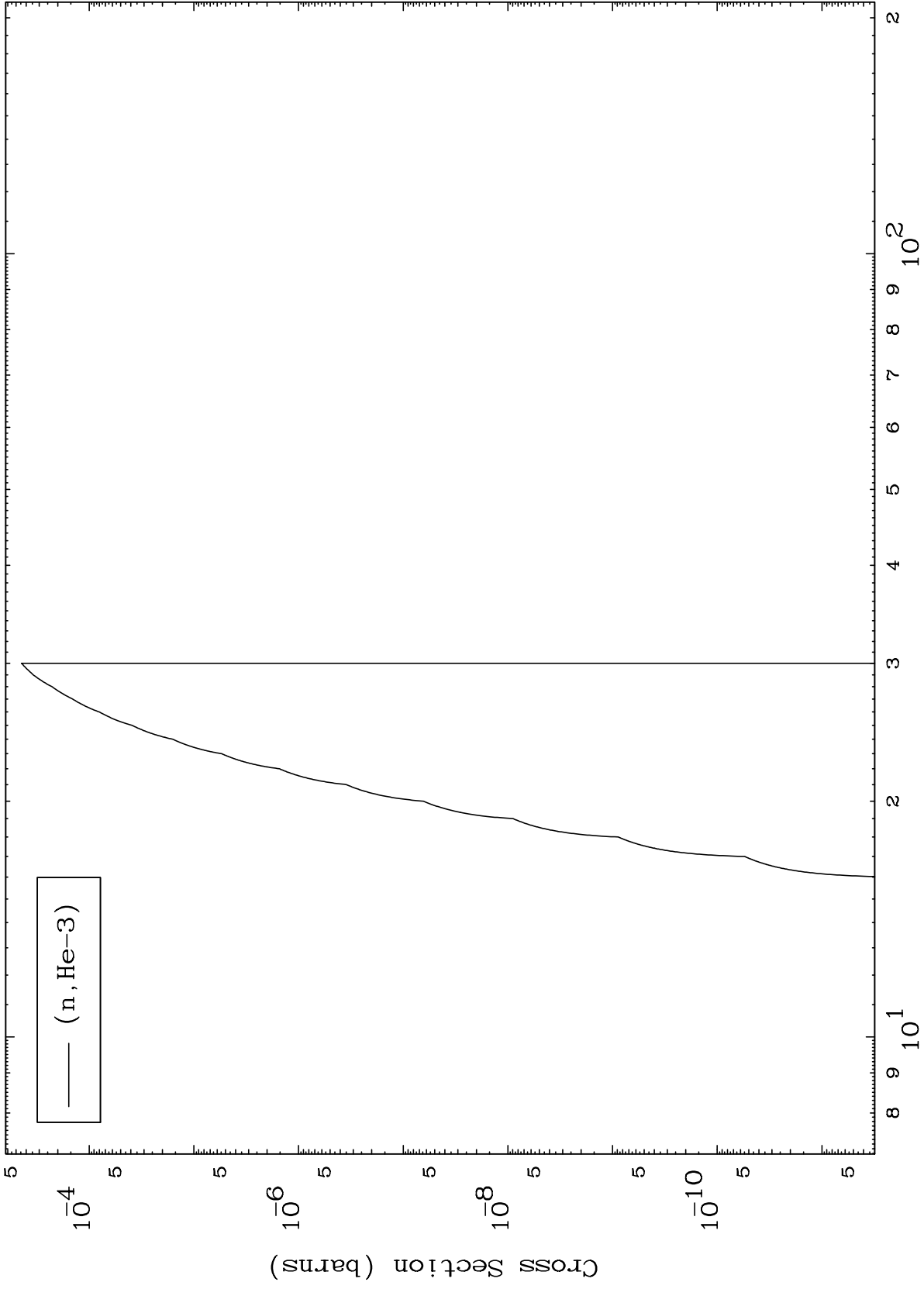
Incident Energy (MeV)

58-Ce-141

MAT 5840

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-141



15

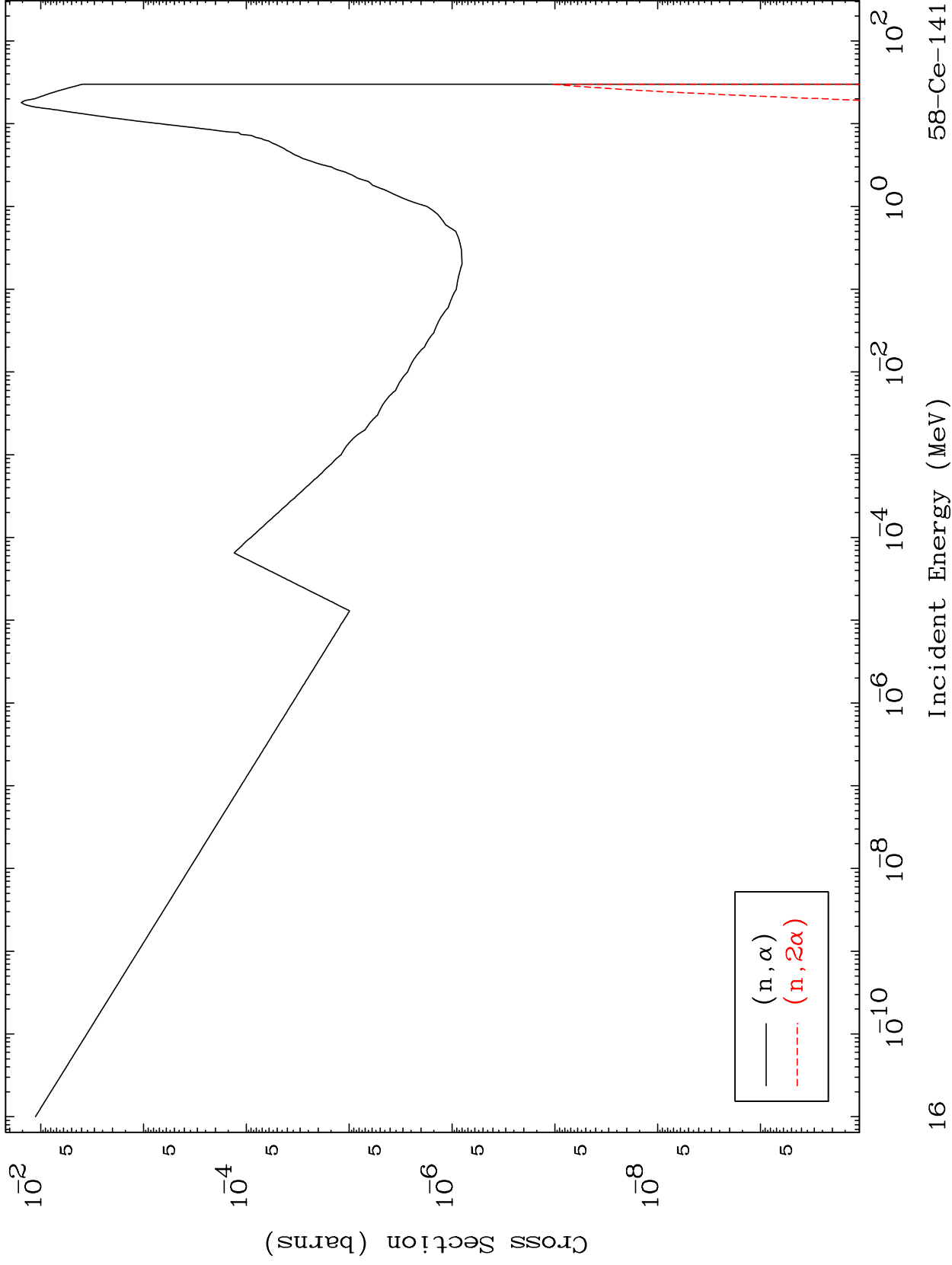
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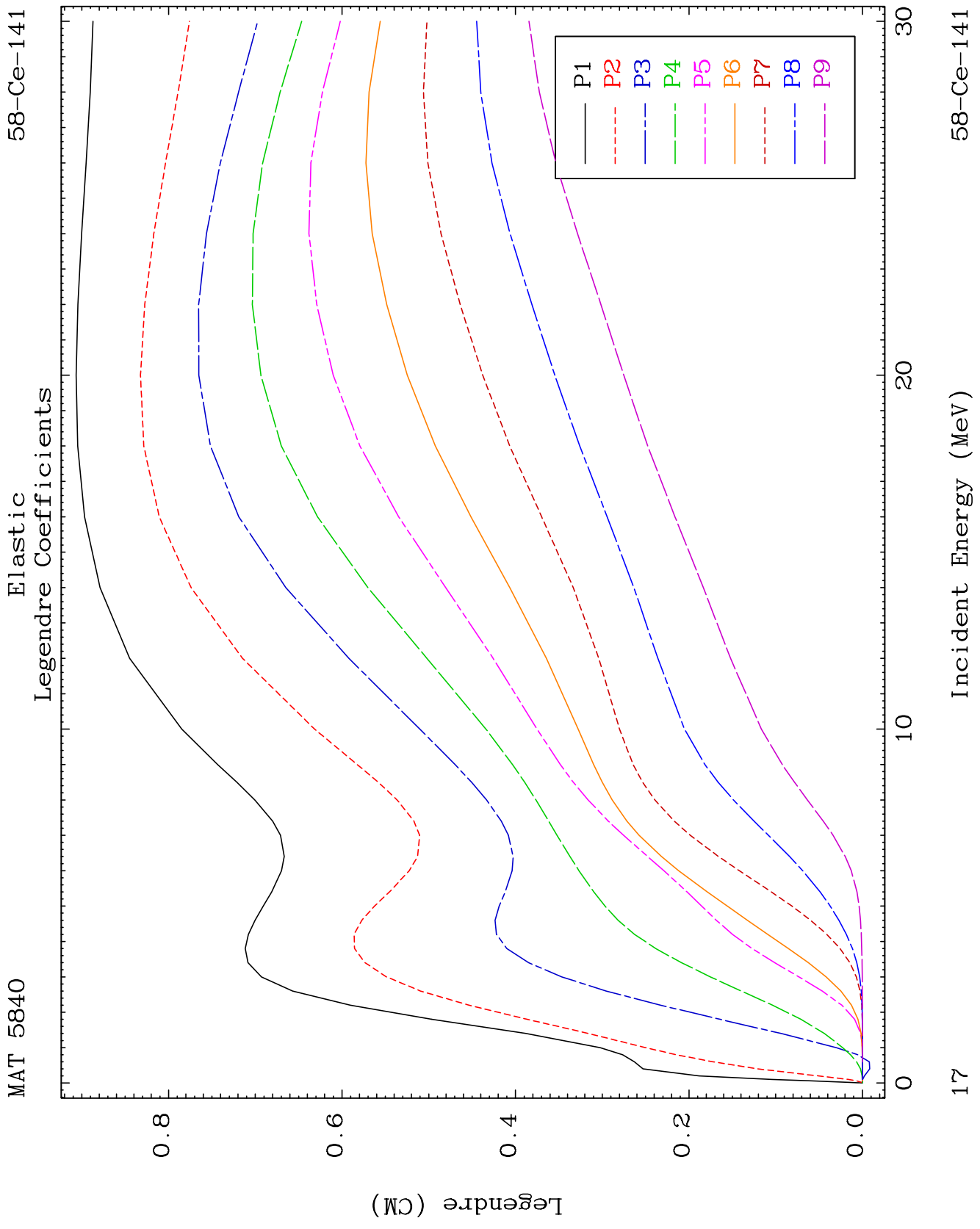
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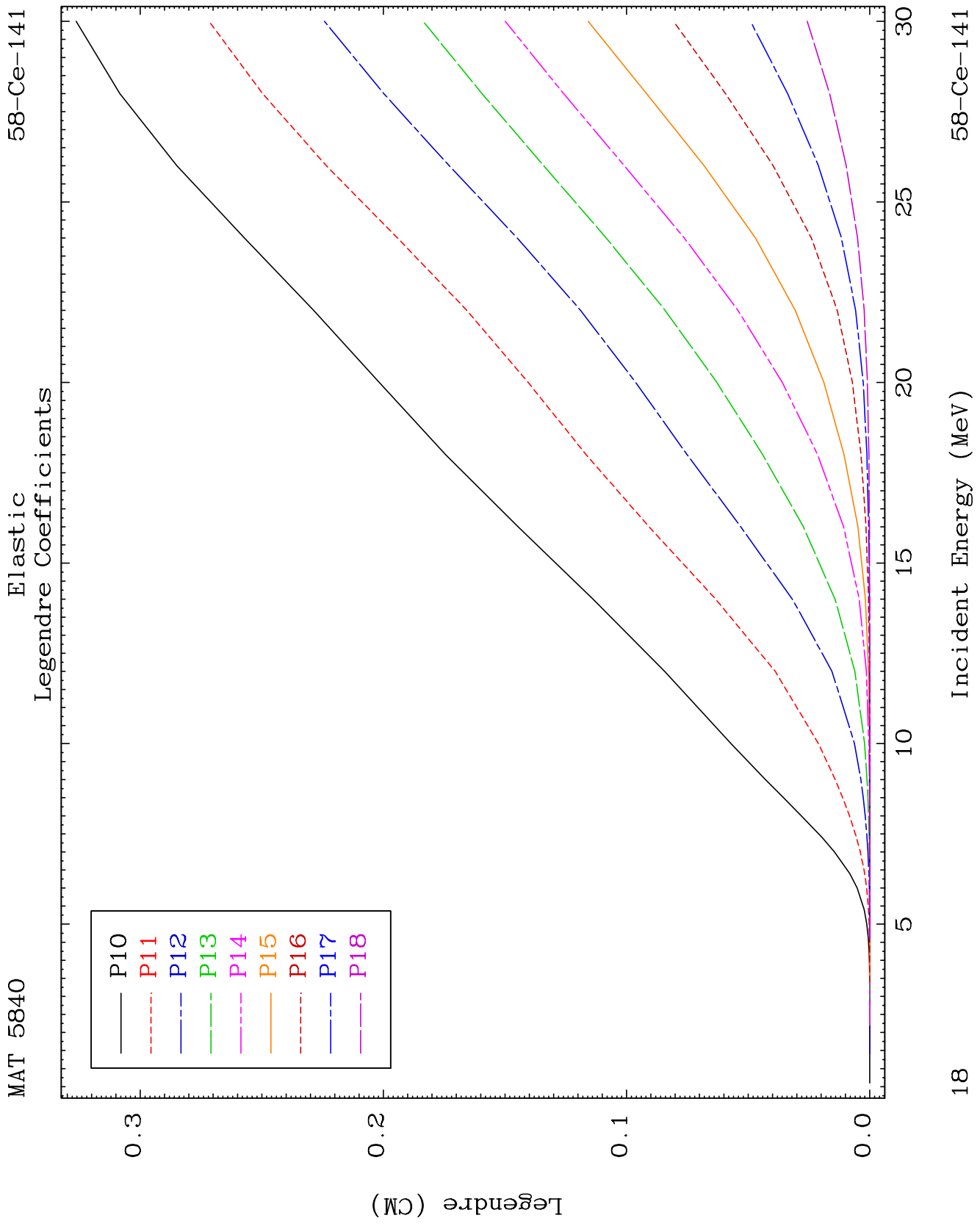
MAT 5840

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-141



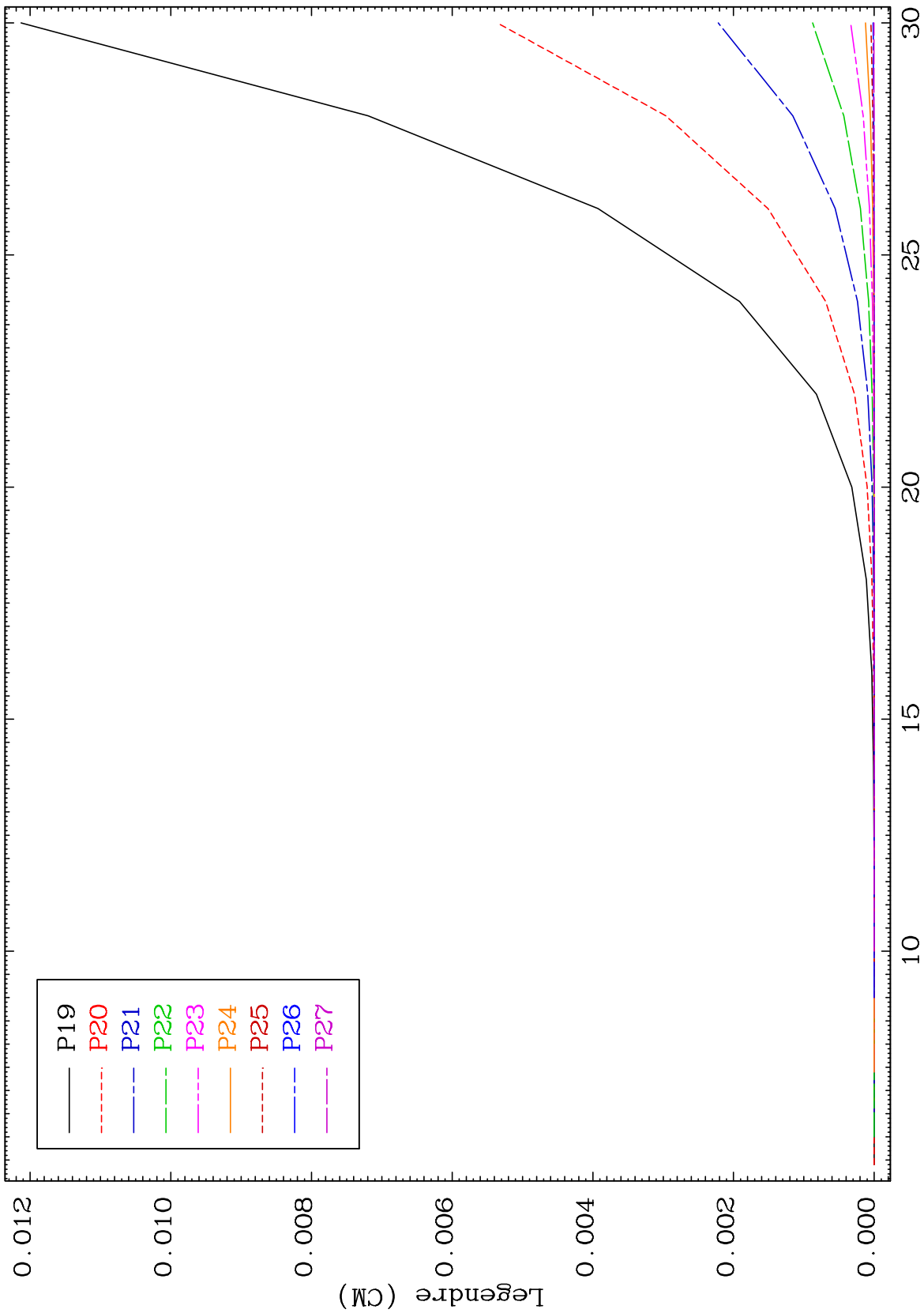




MAT 5840

Elastic
Legendre Coefficients

58-Ce-141



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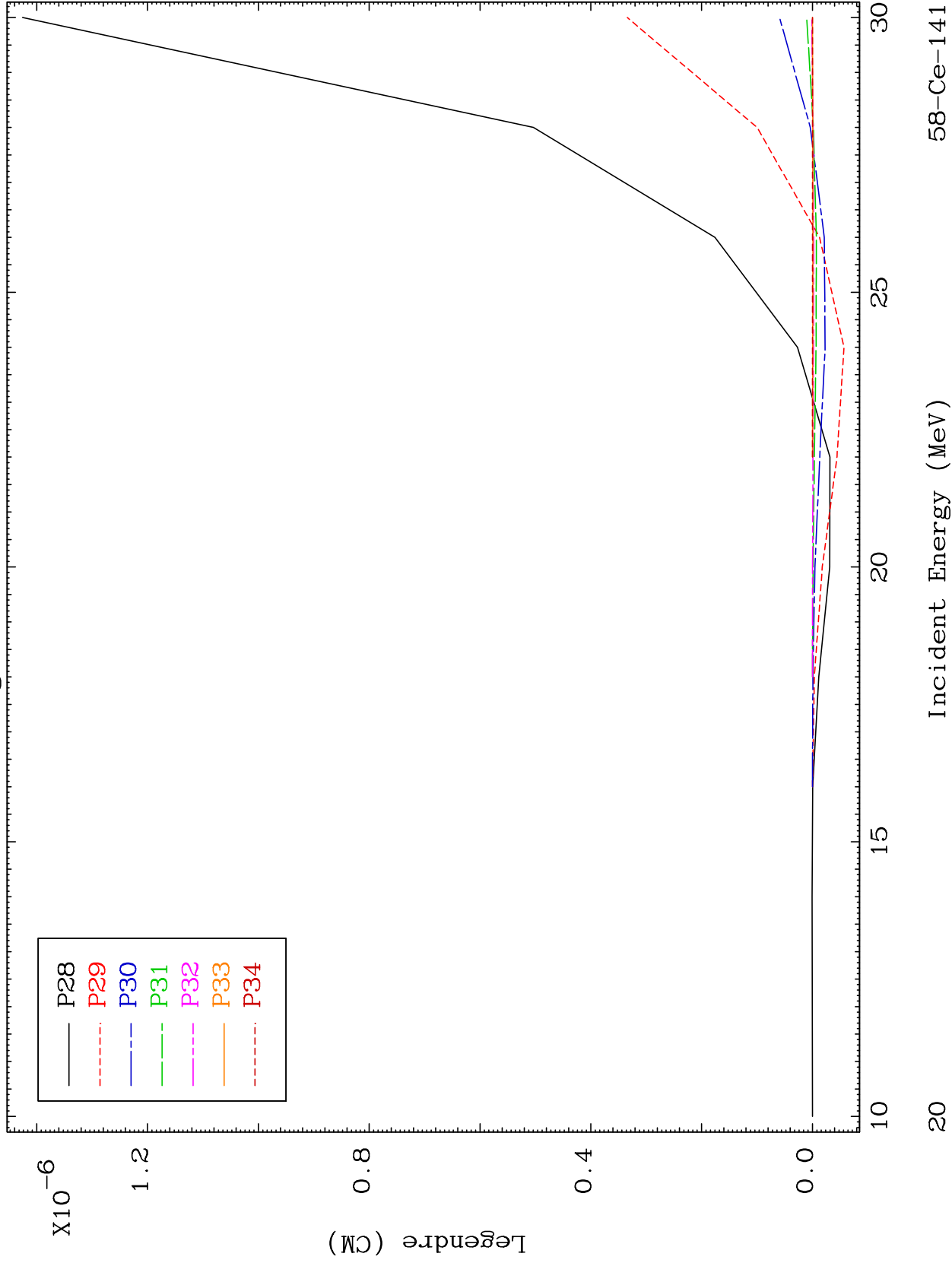
Incident Energy (MeV)

58-Ce-141

MAT 5840

Elastic Legendre Coefficients

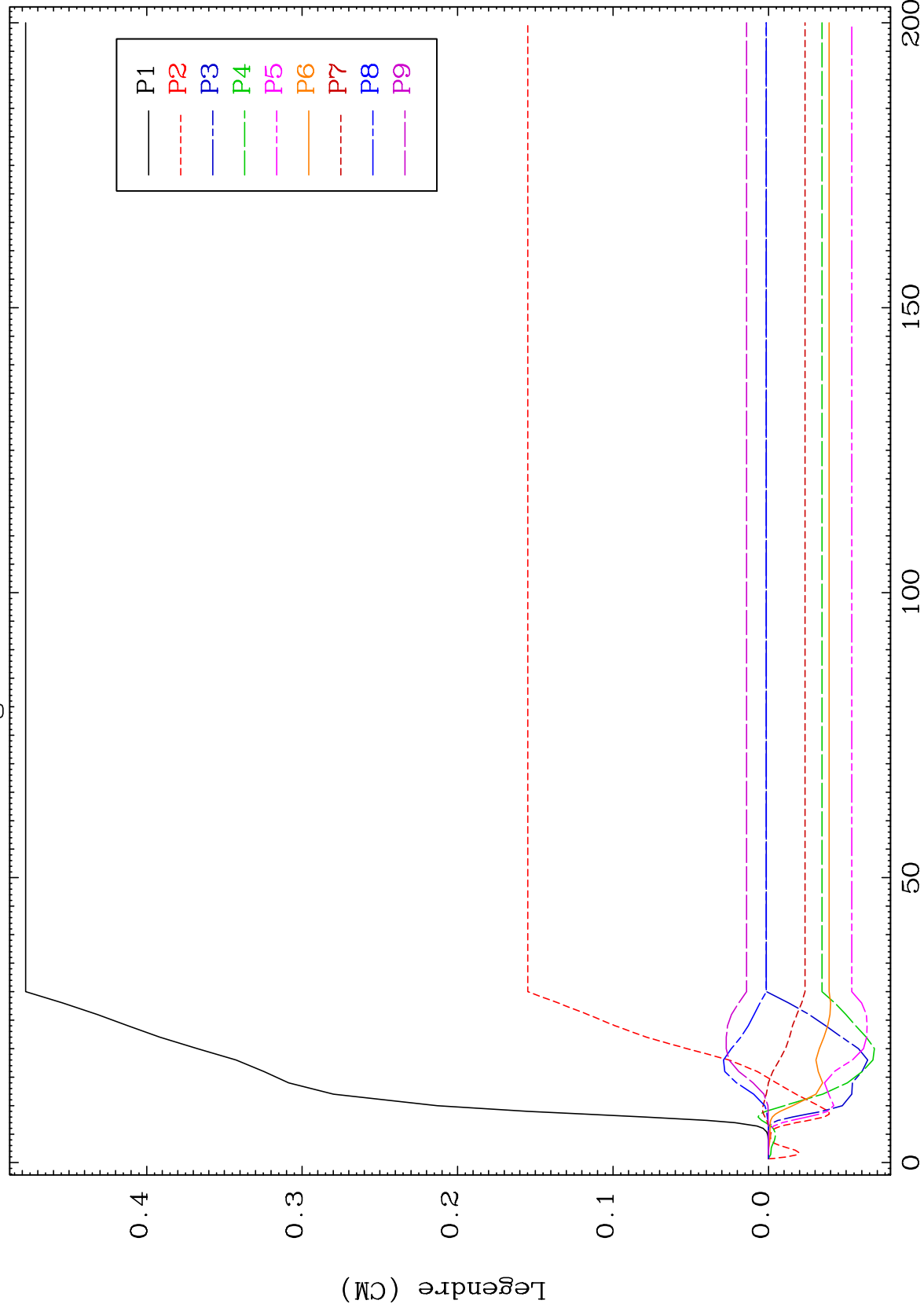
58-Ce-141



MAT 5840

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

58-Ce-141



58-Ce-141

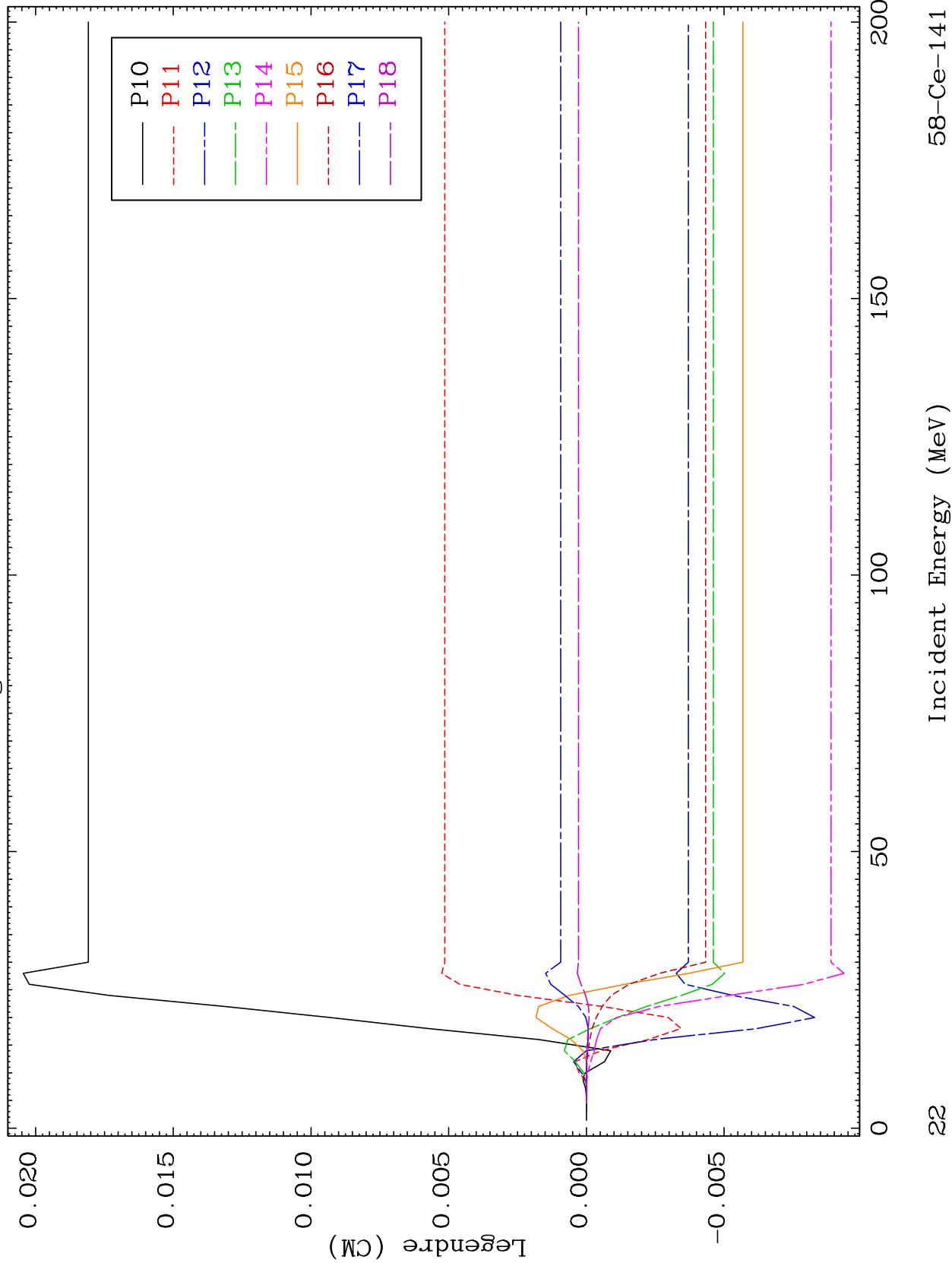
Incident Energy (MeV)

21

MAT 5840

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

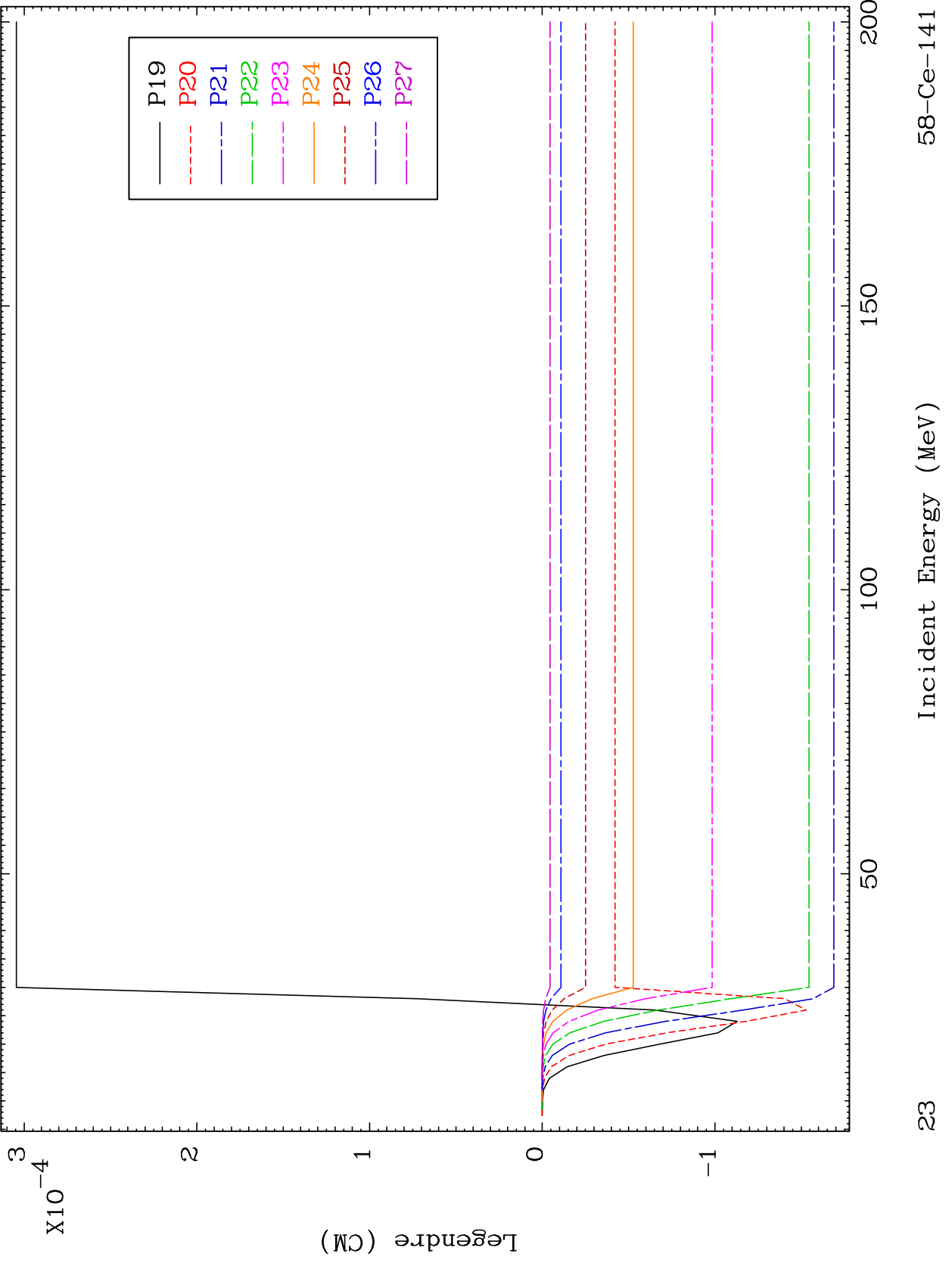
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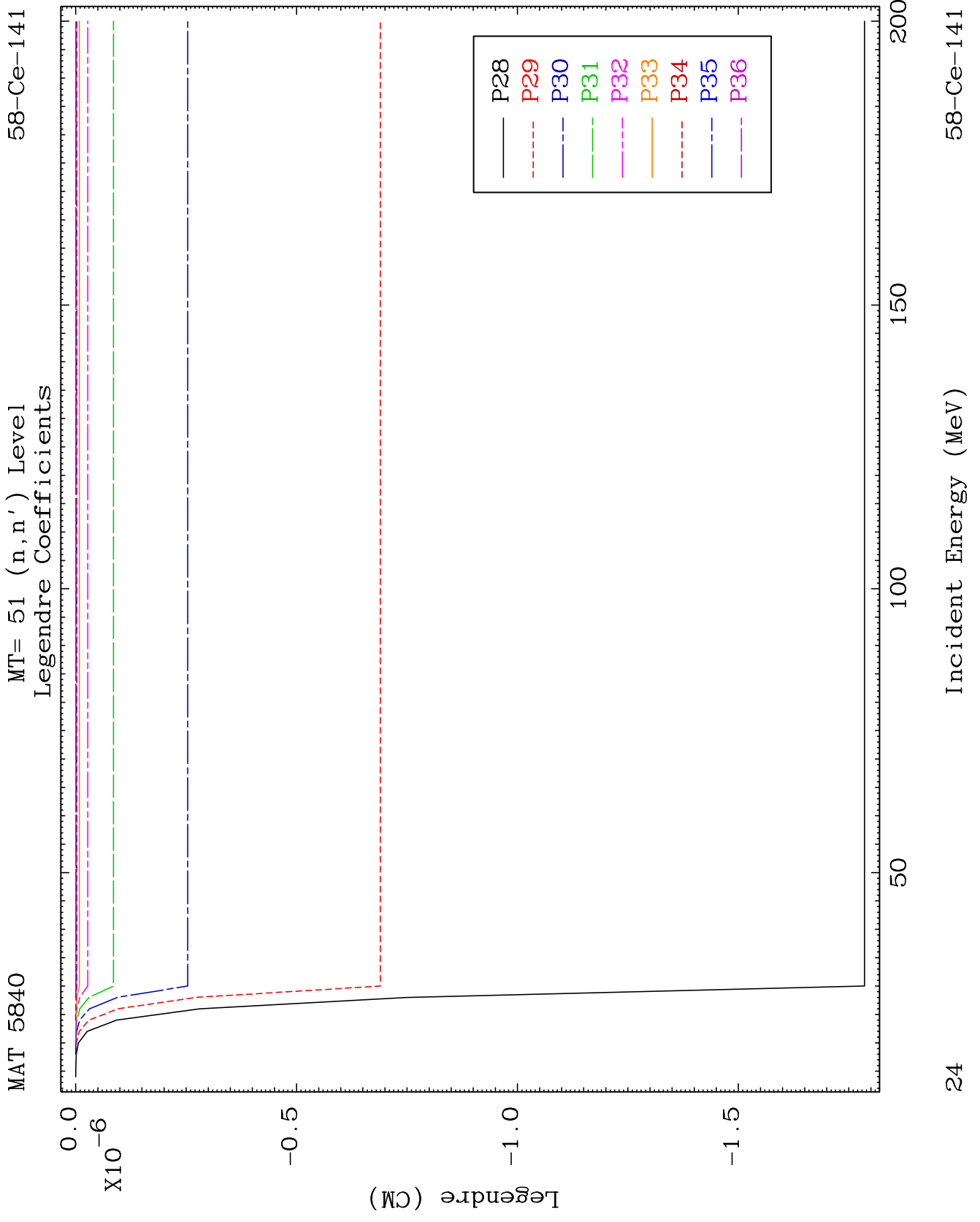


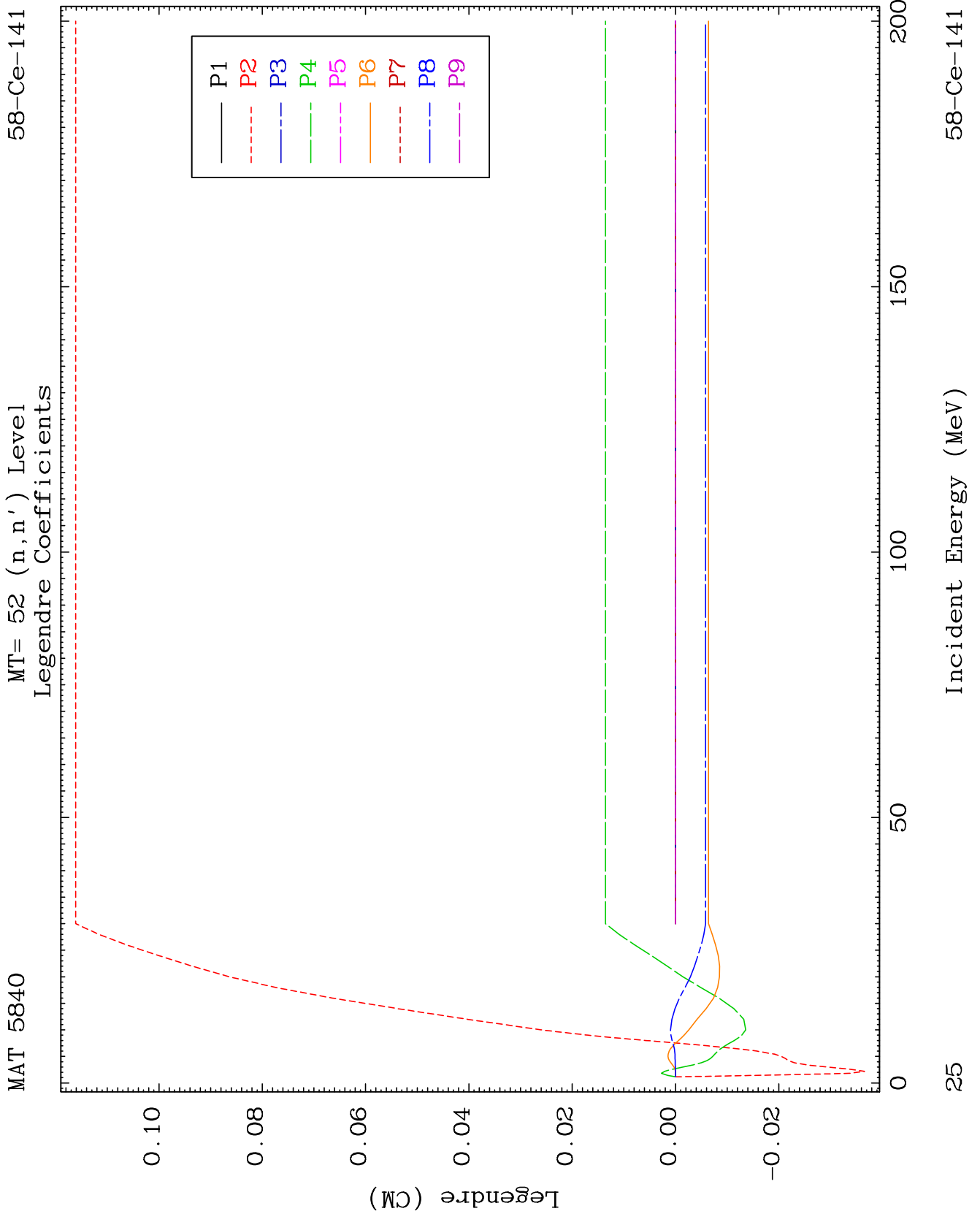
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Incident Energy (MeV)

58-Ce-141



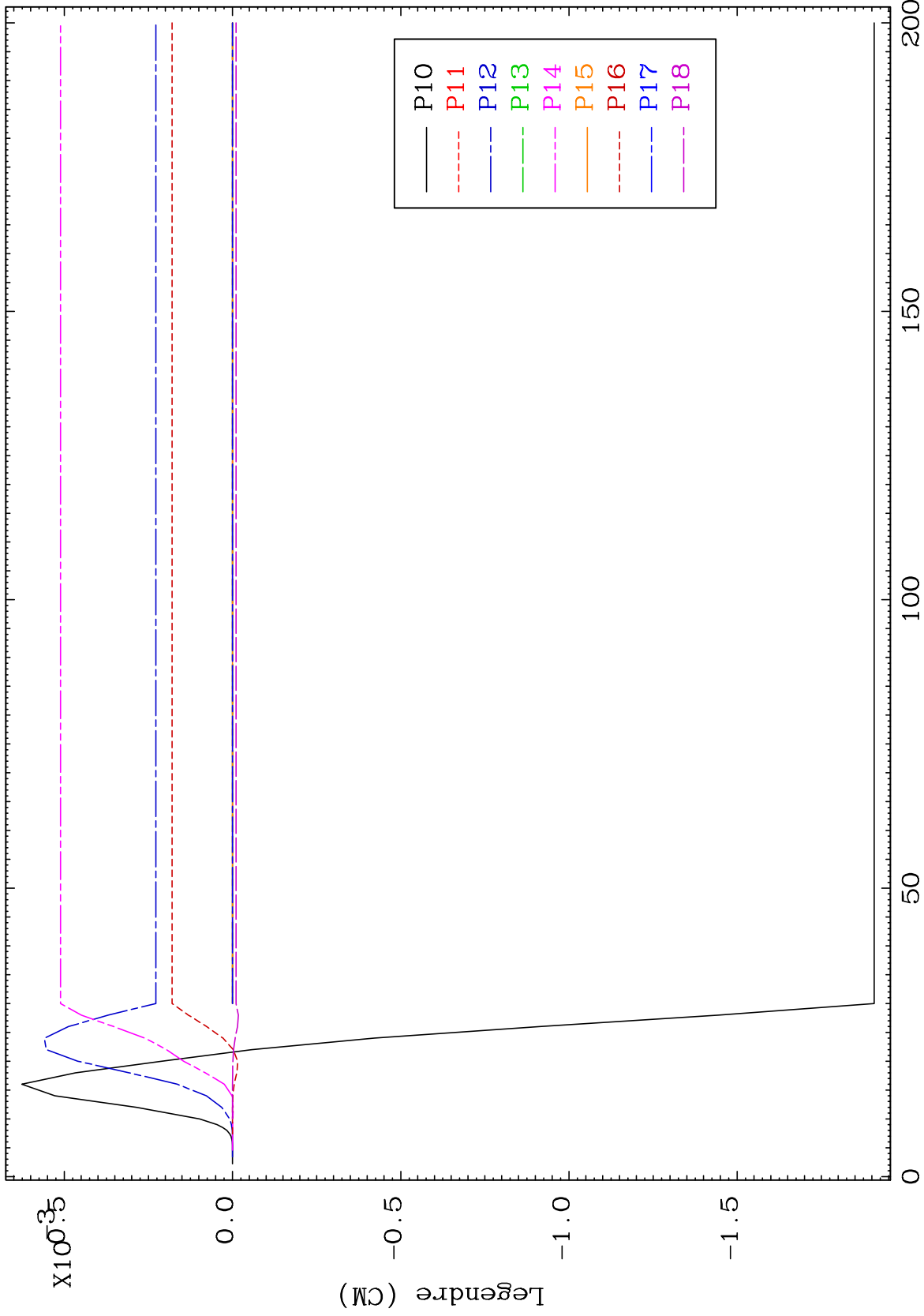




MAT 5840

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

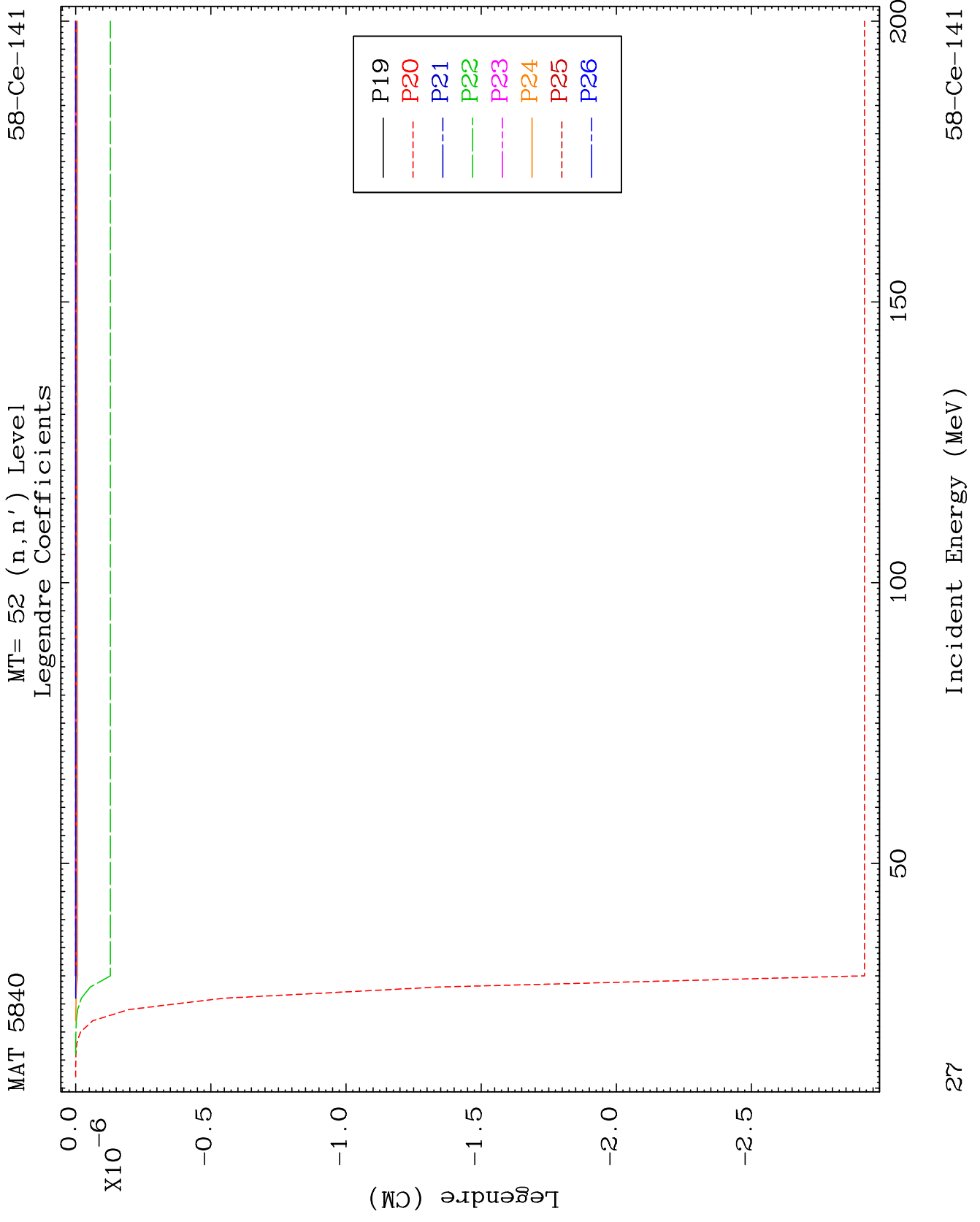
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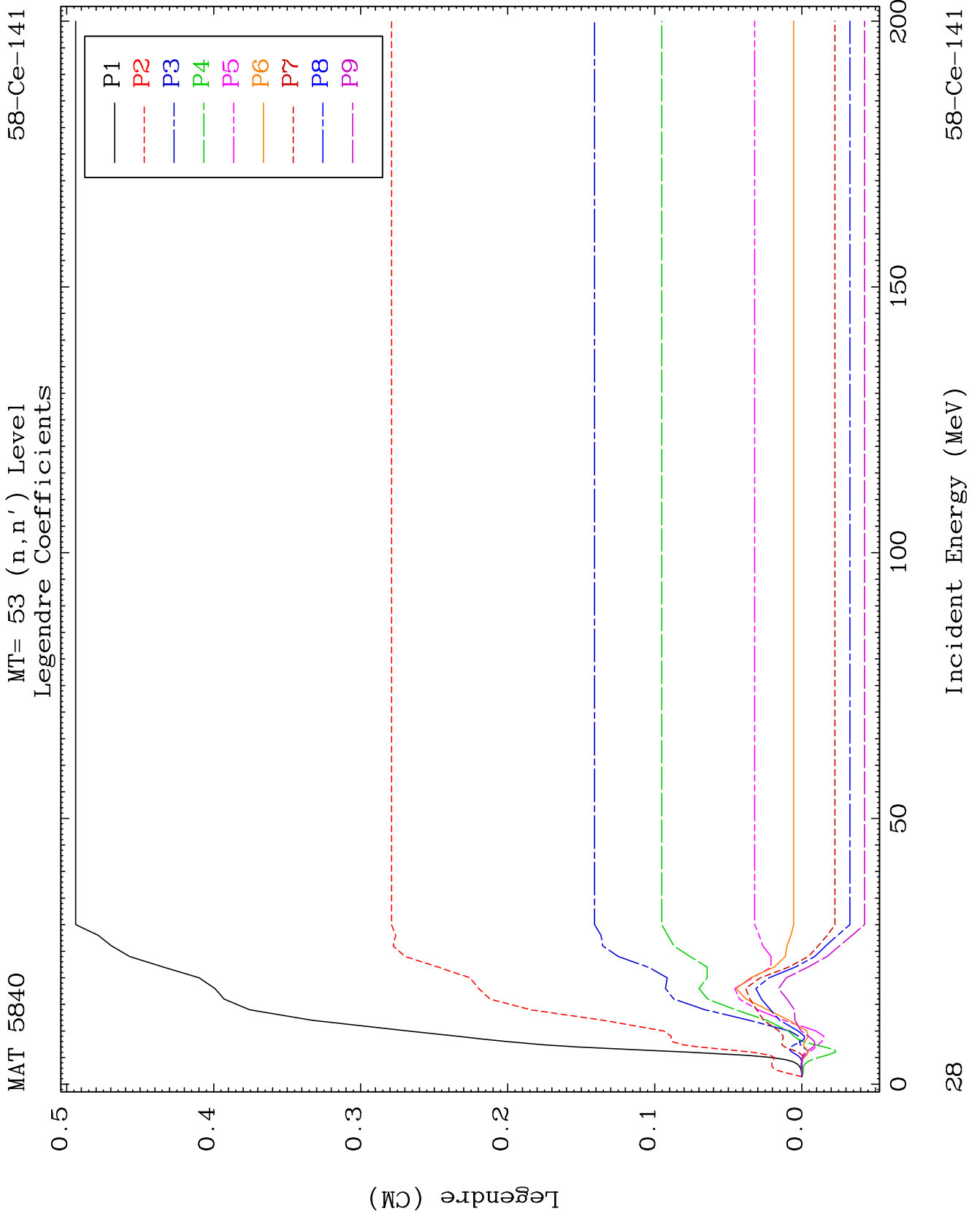


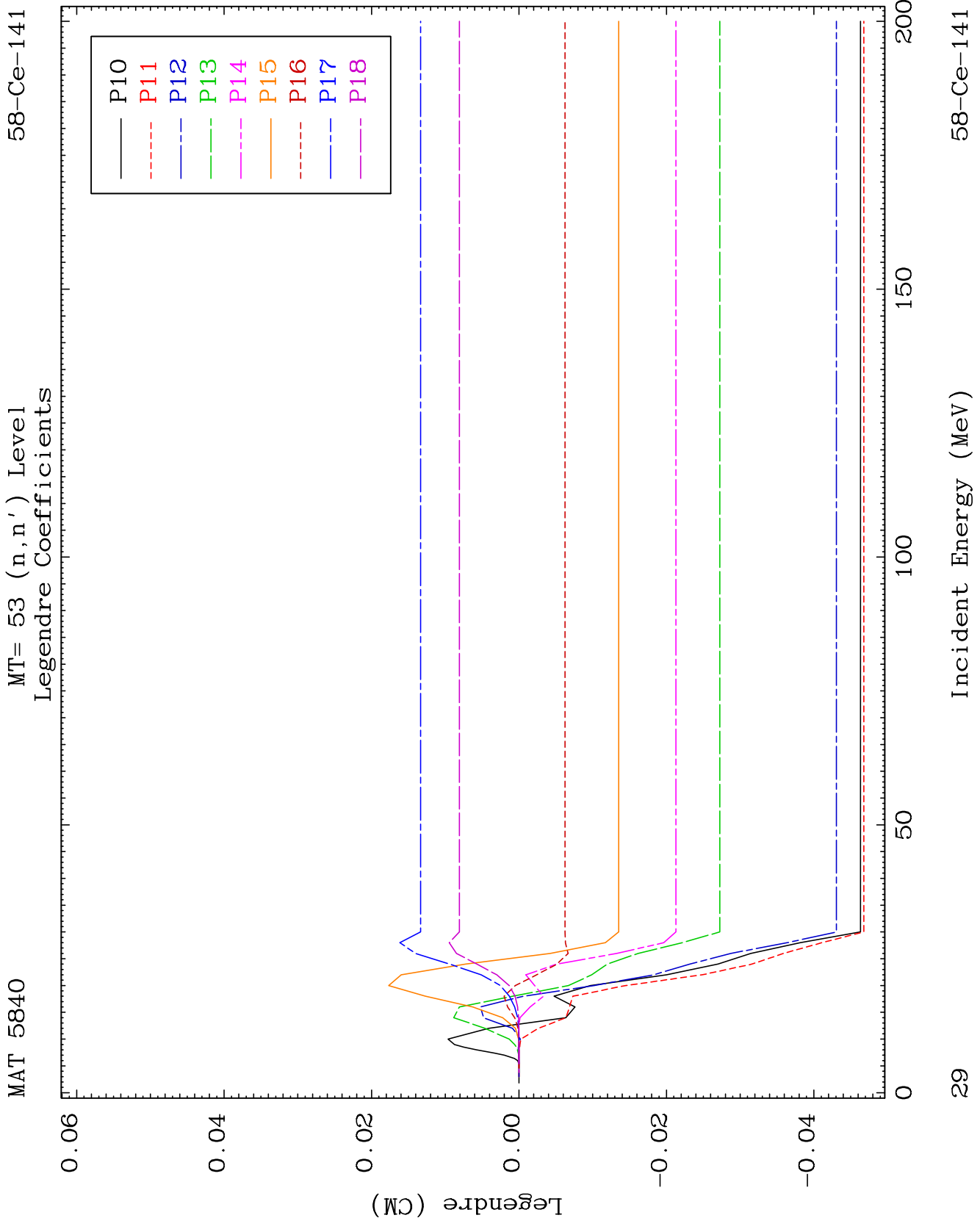
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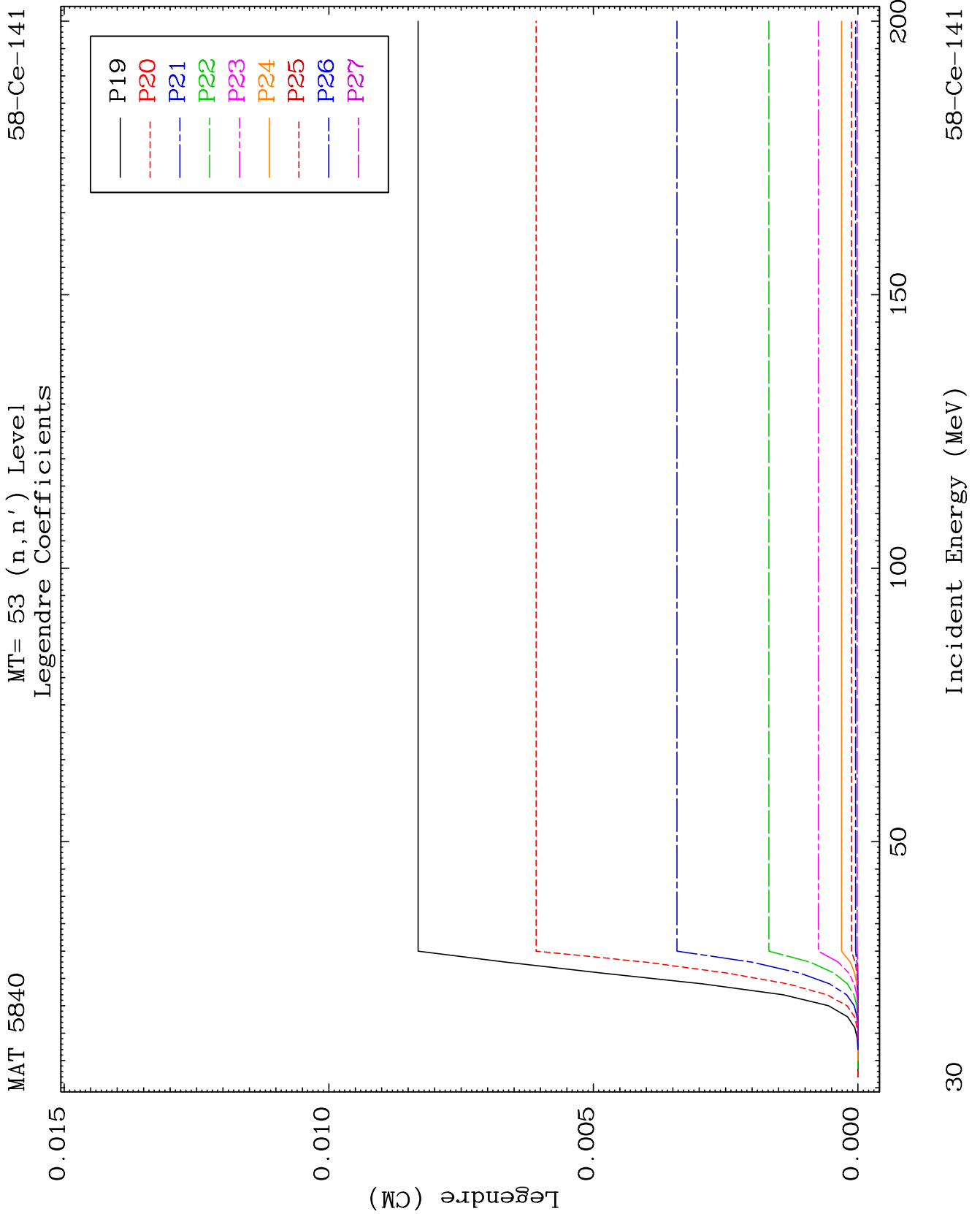
Incident Energy (MeV)

58-Ce-141





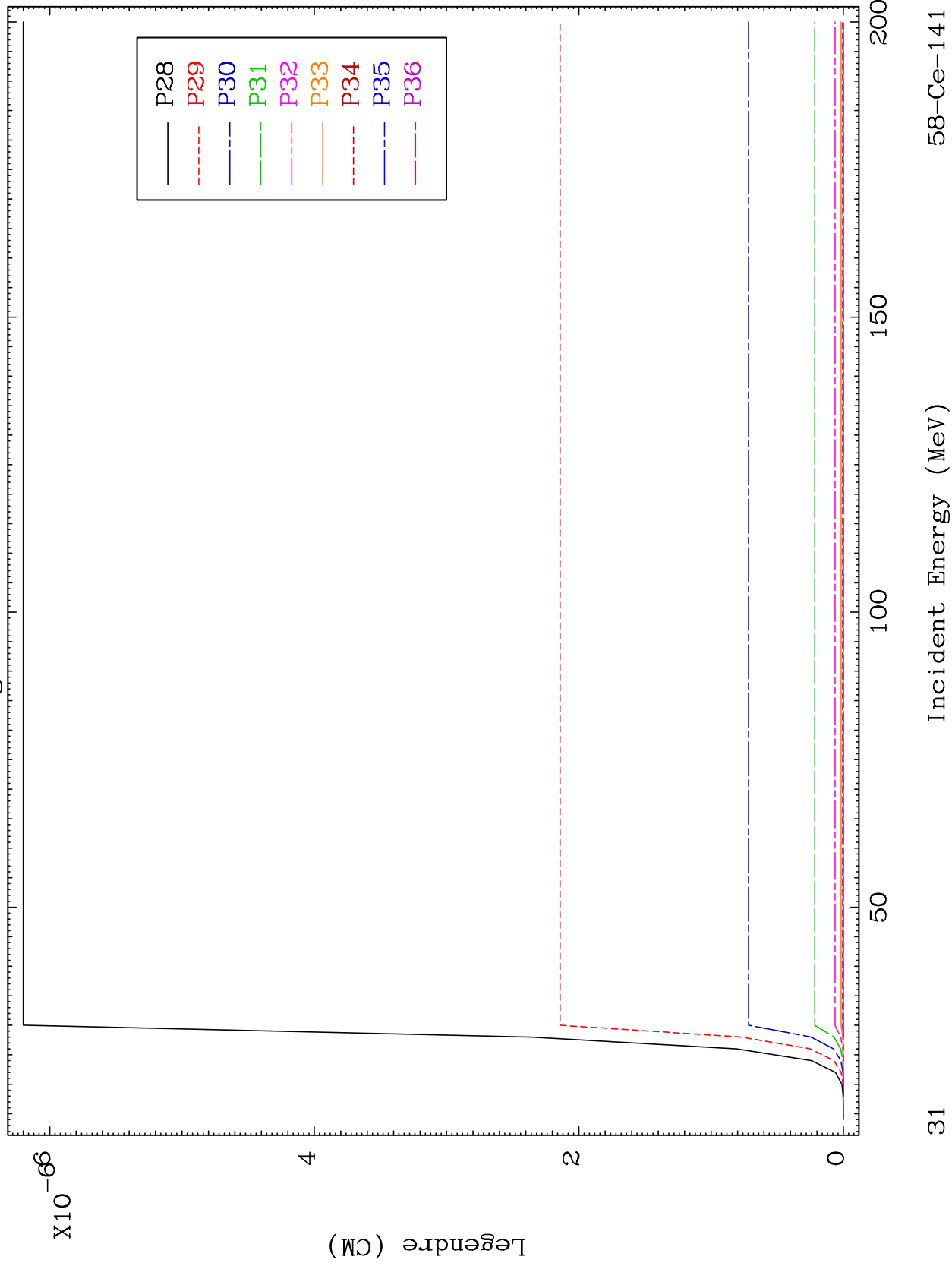




MAT 5840

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

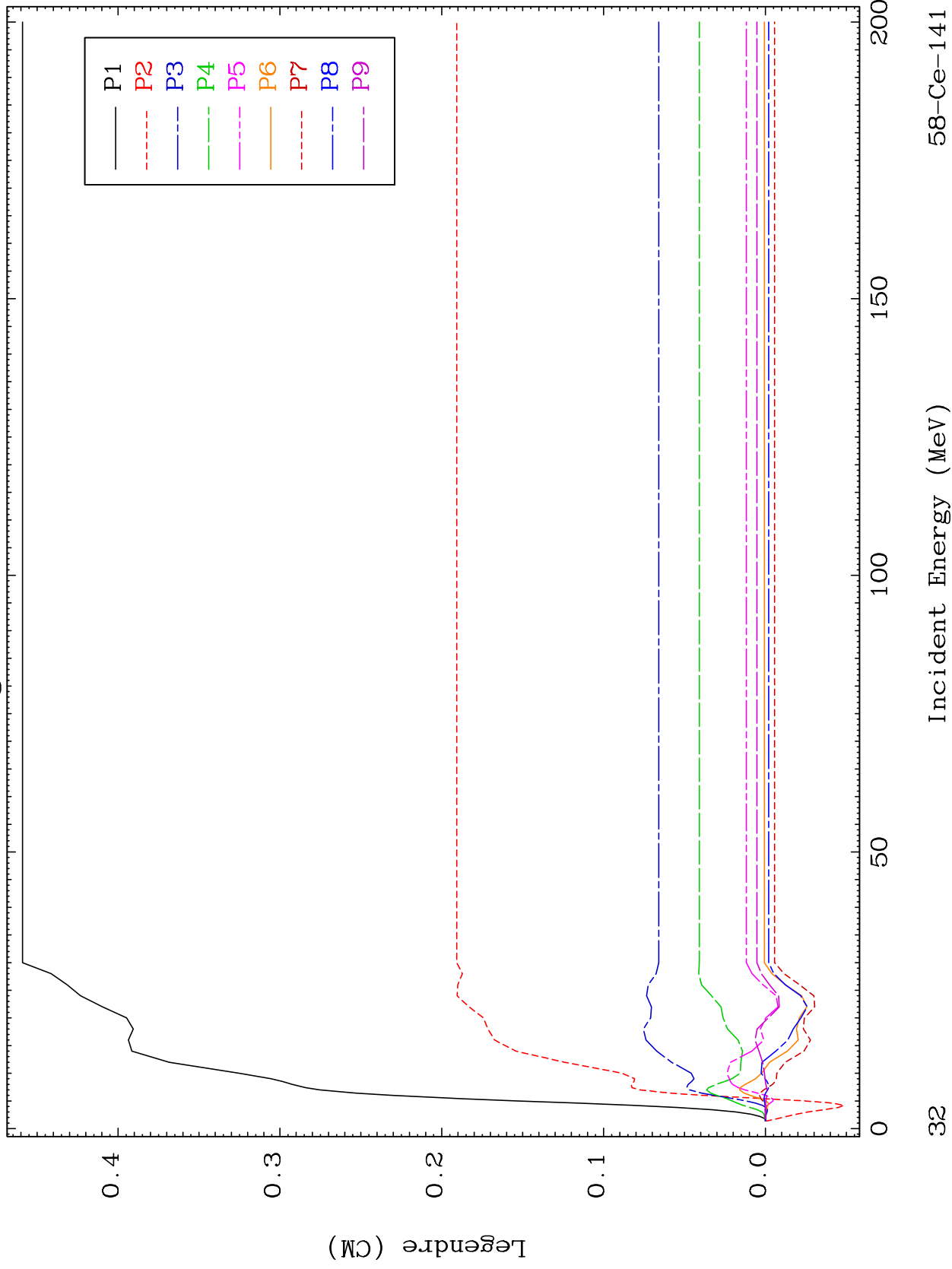
58-Ce-141



MAT 5840

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

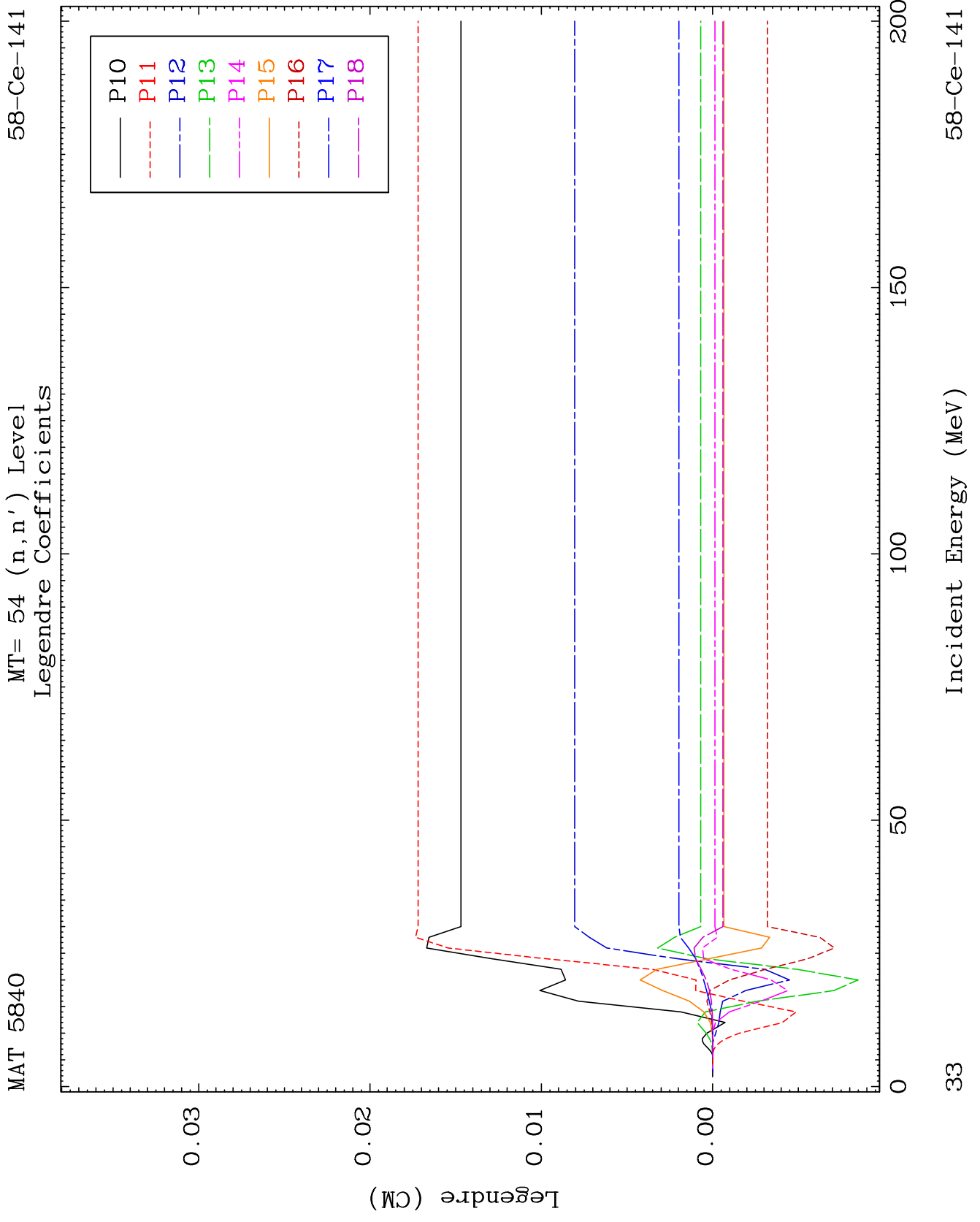
58-Ce-141



58-Ce-141

Incident Energy (MeV)

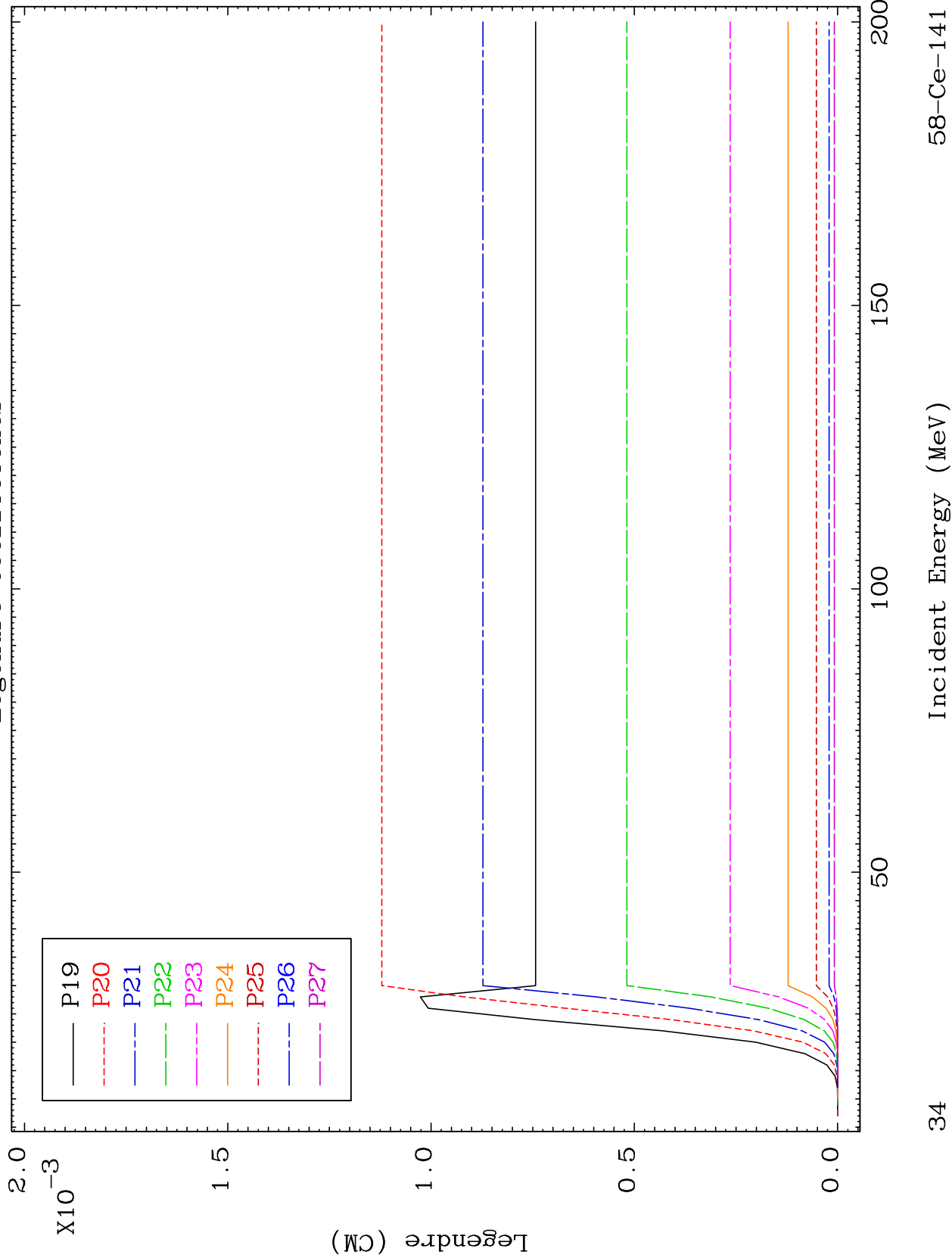
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MAT 5840

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

58-Ce-141



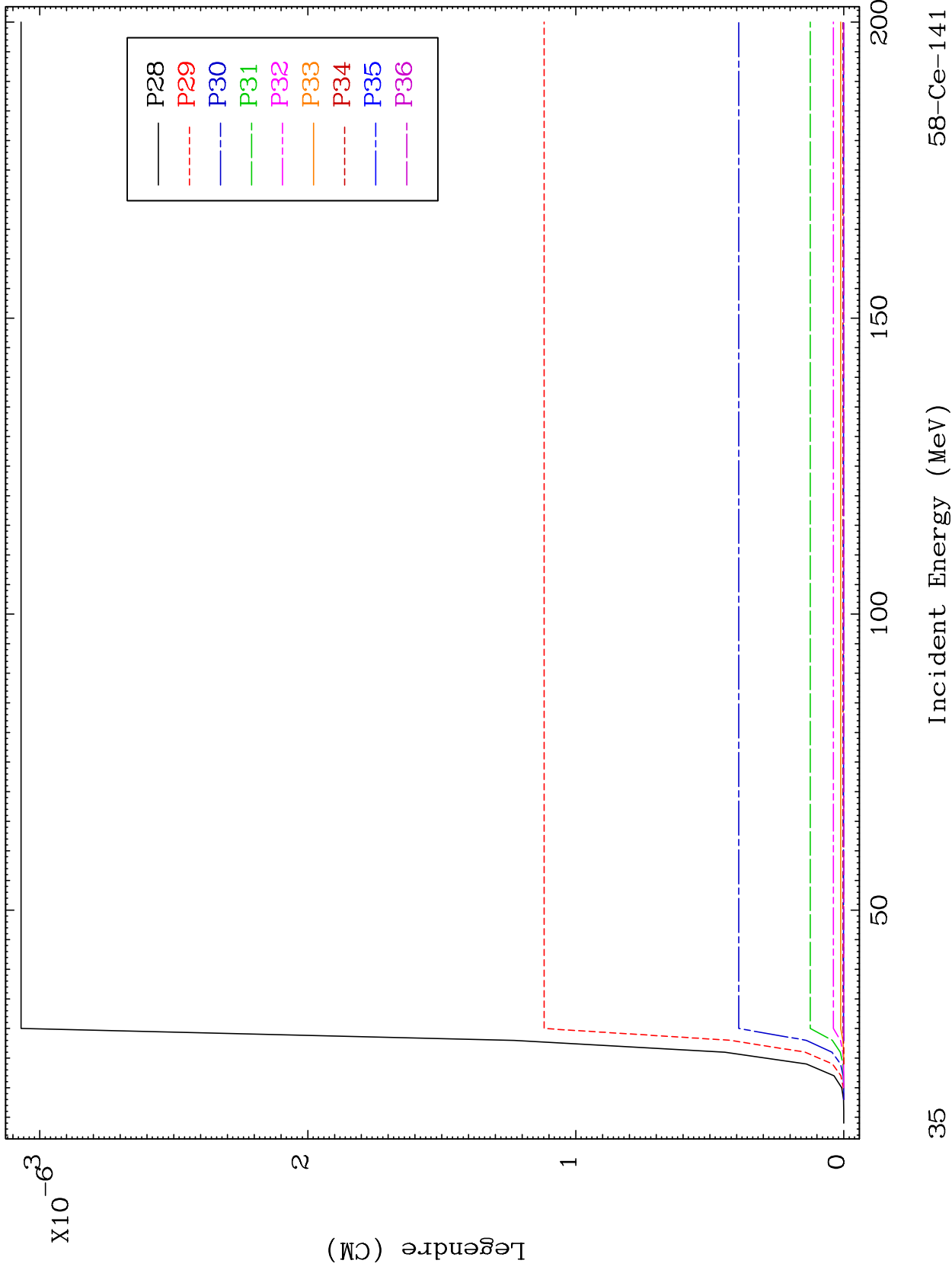
34

200

MAT 5840

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

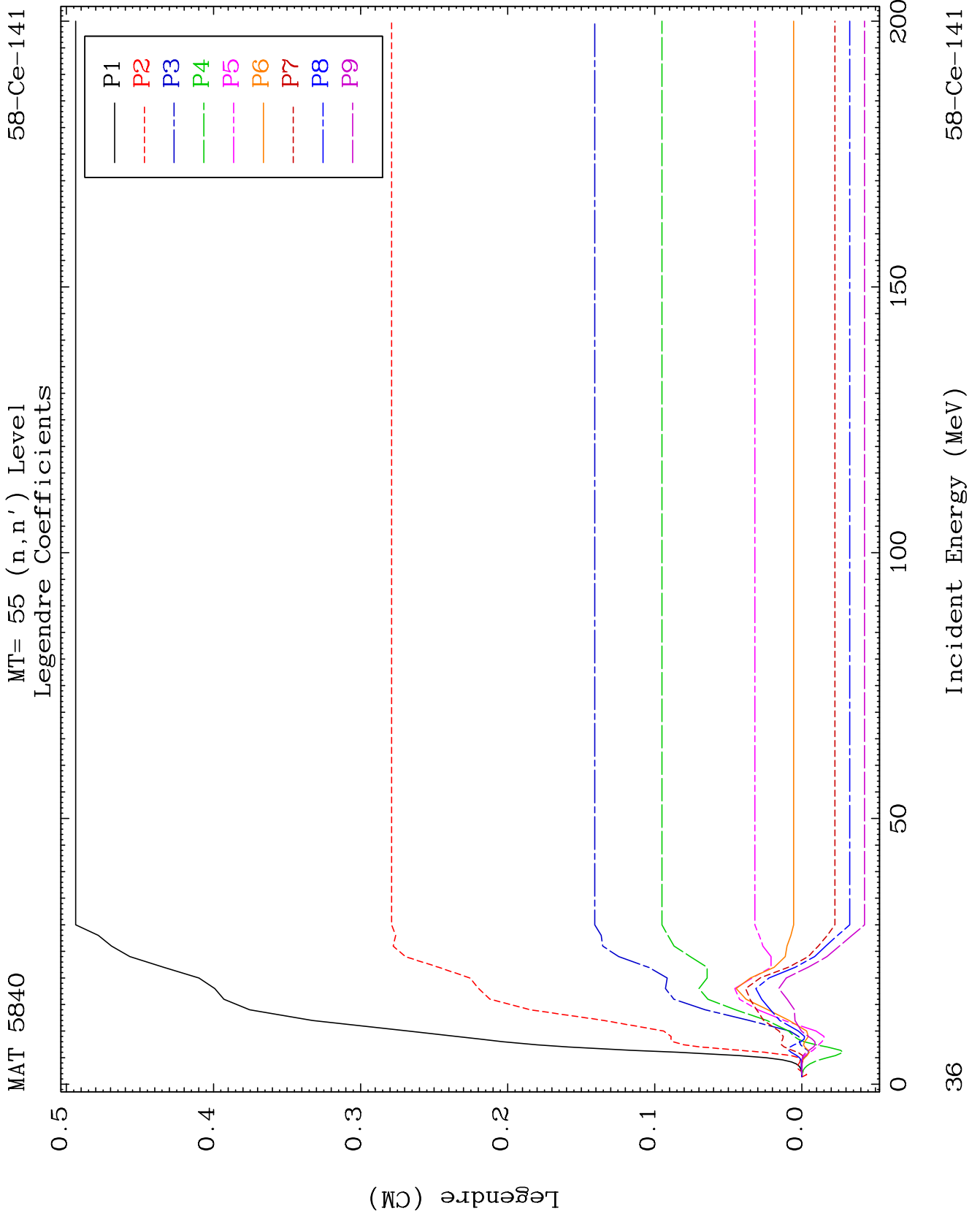
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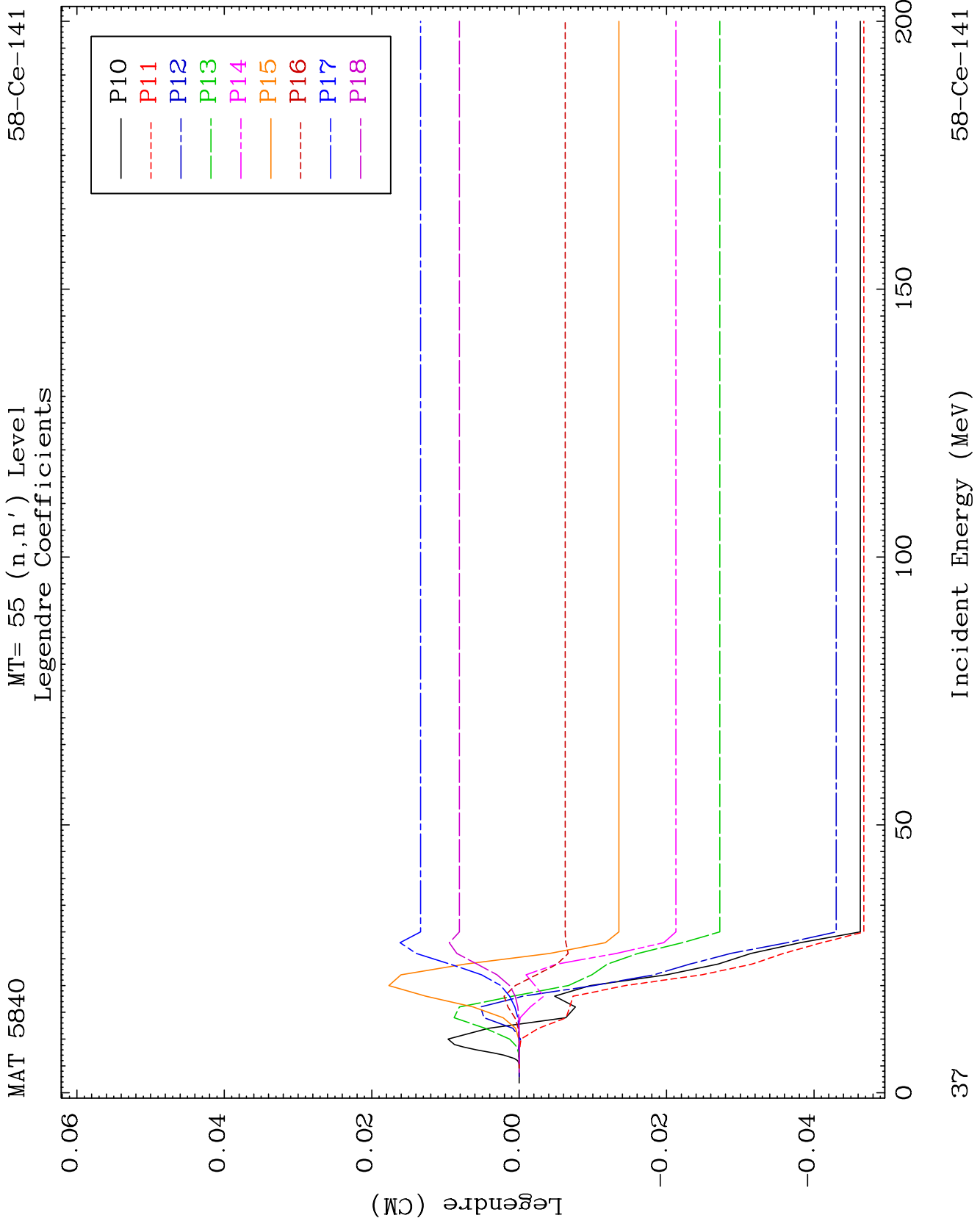


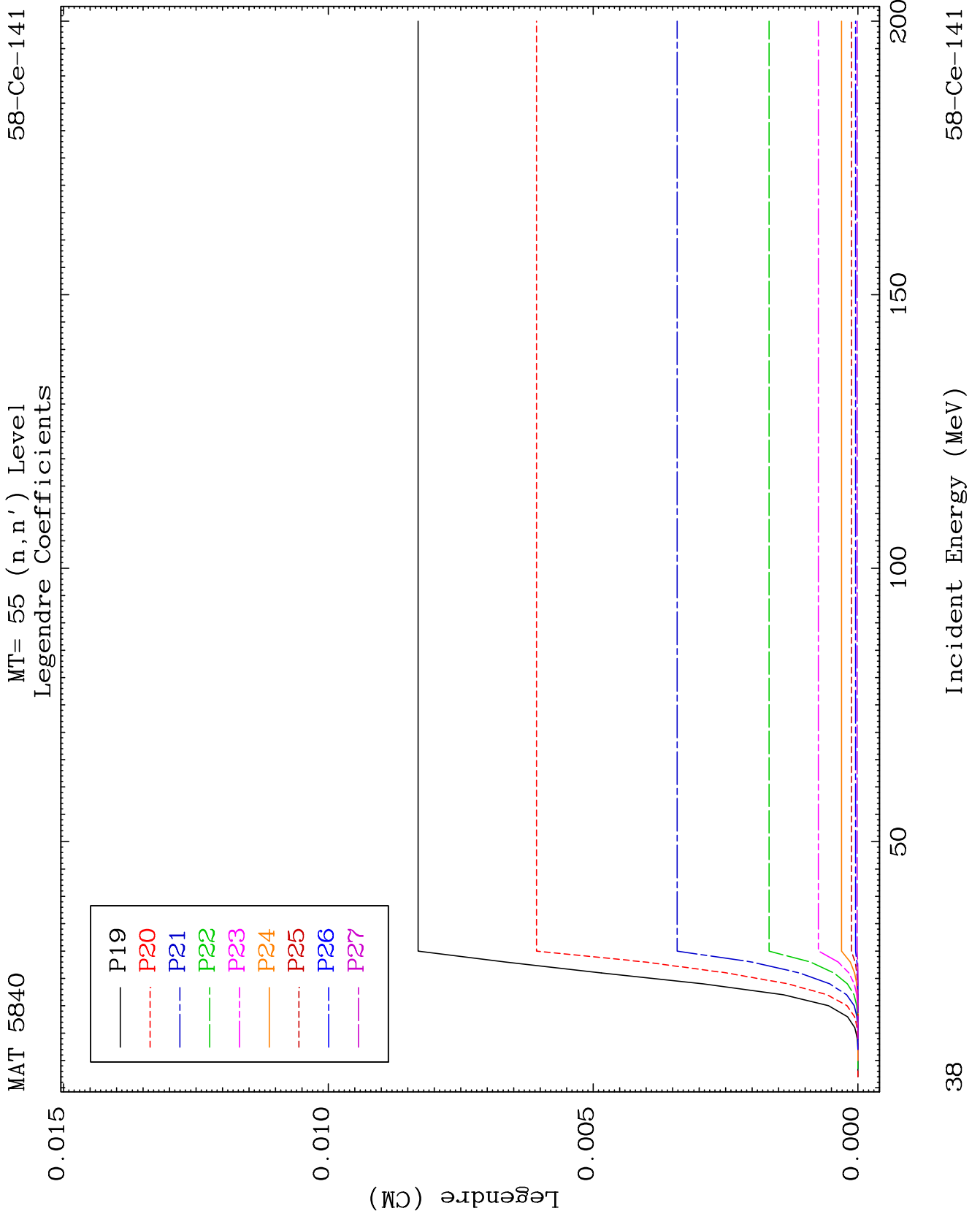
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Incident Energy (MeV)

58-Ce-141



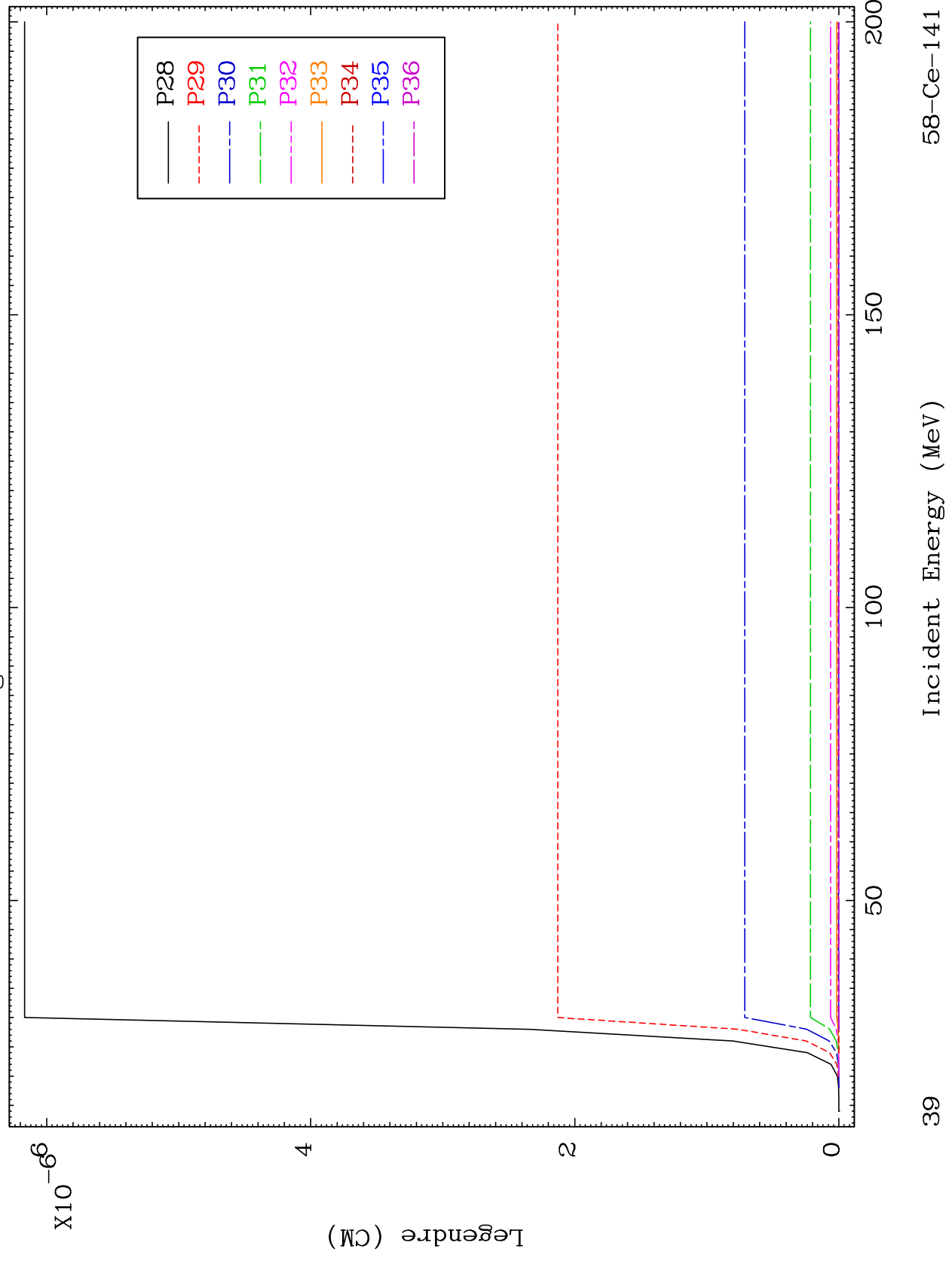




MAT 5840

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

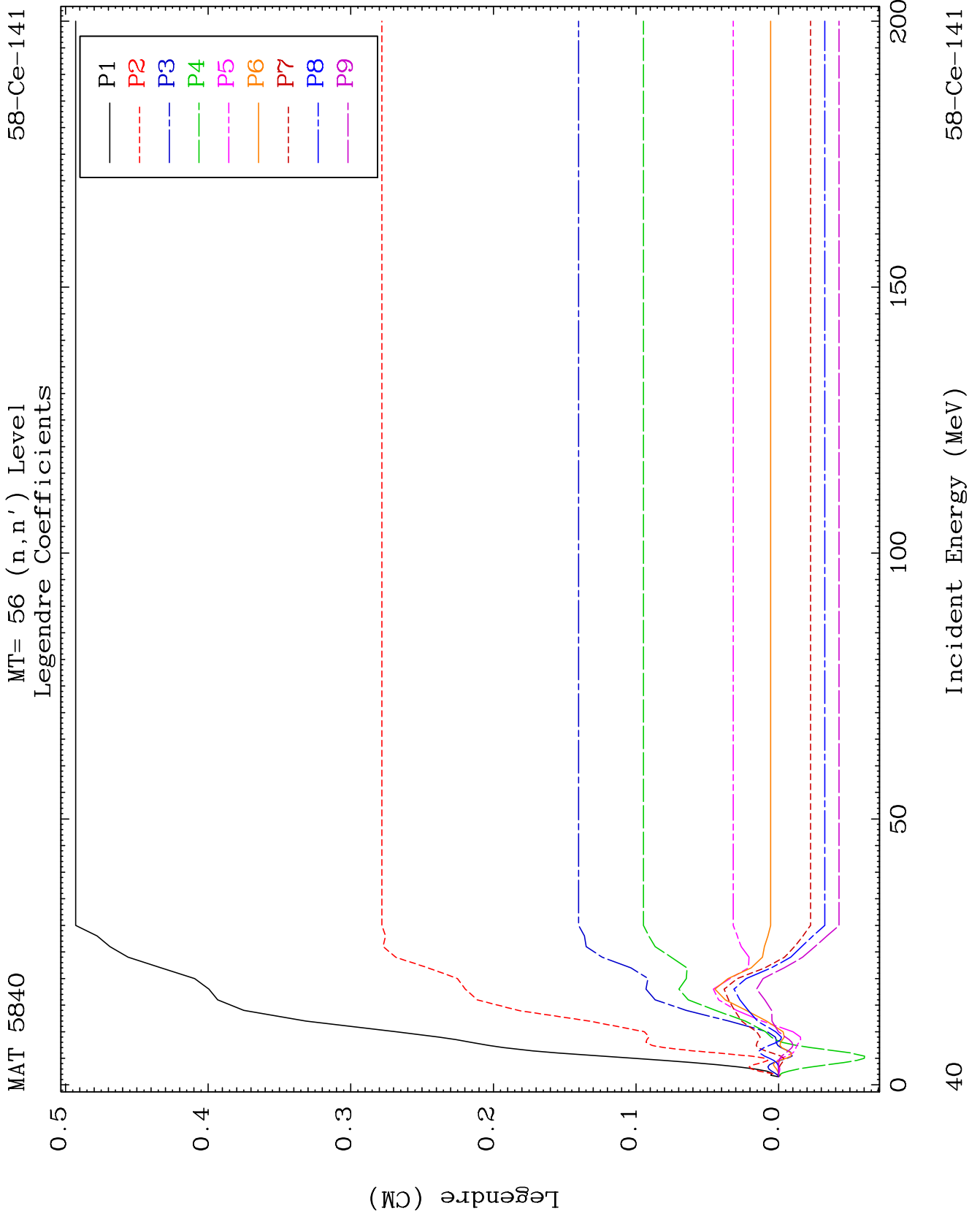
58-Ce-141



39

Incident Energy (MeV)

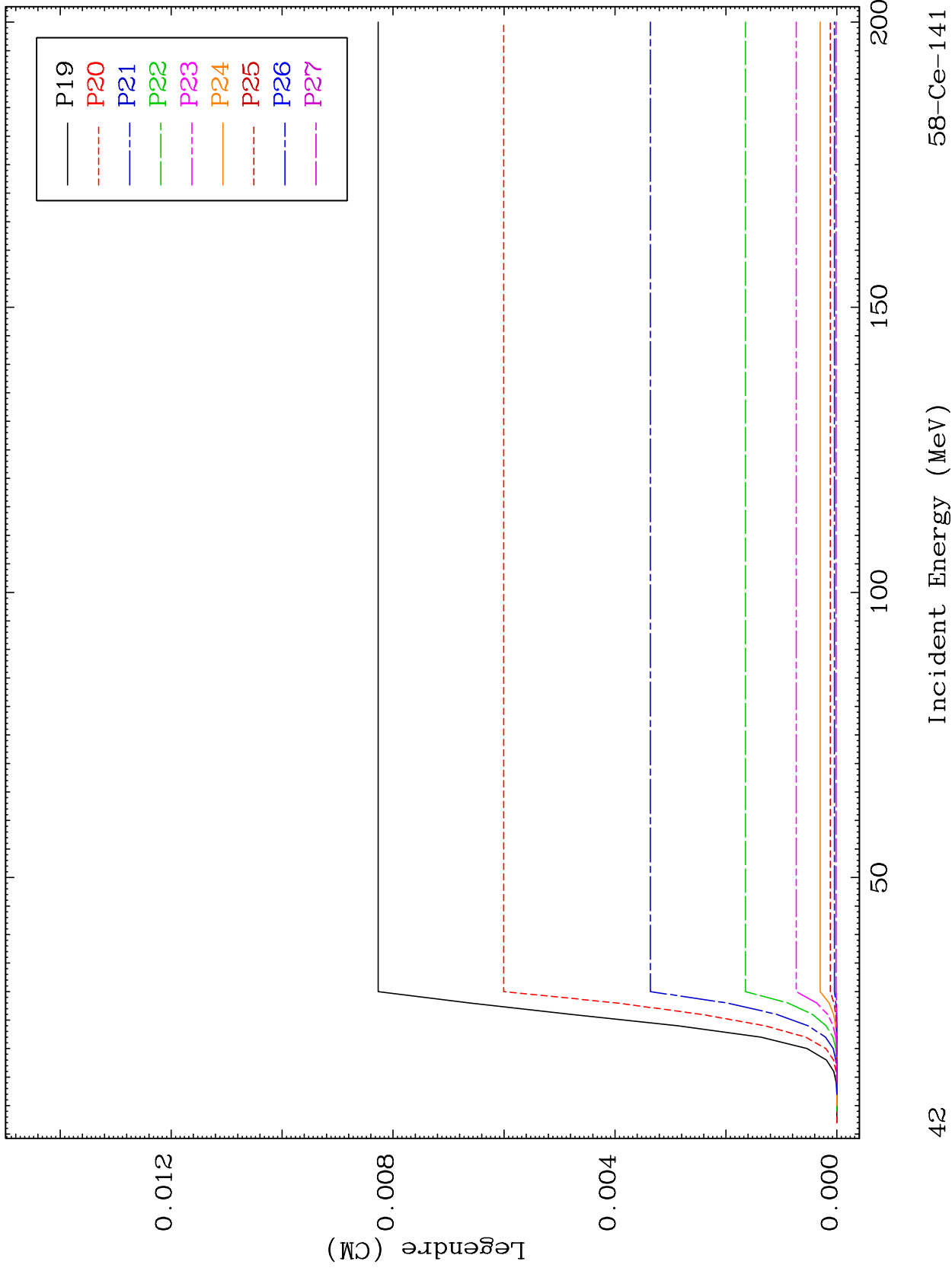
58-Ce-141



MAT 5840

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

58-Ce-141



42

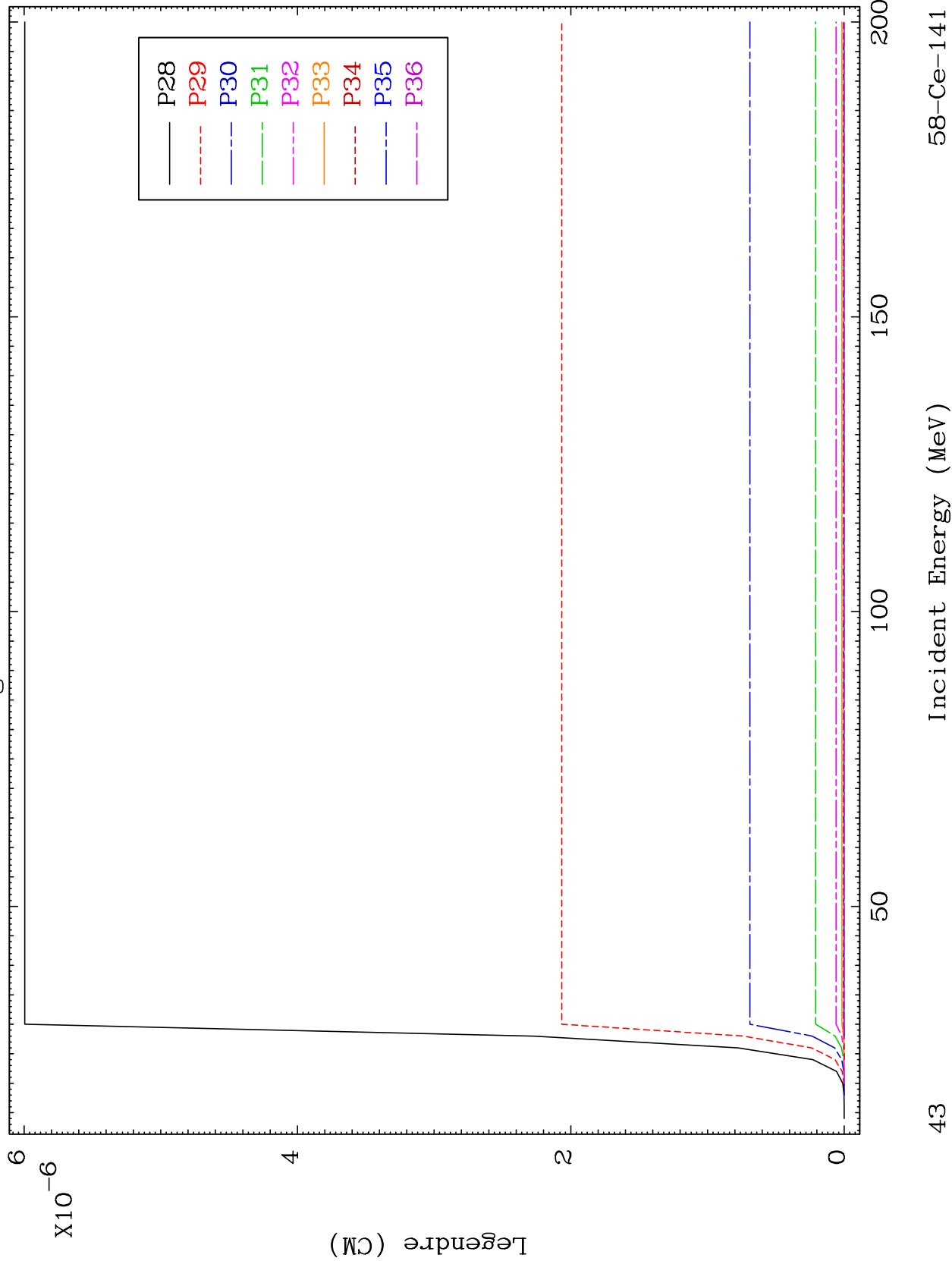
Incident Energy (MeV)

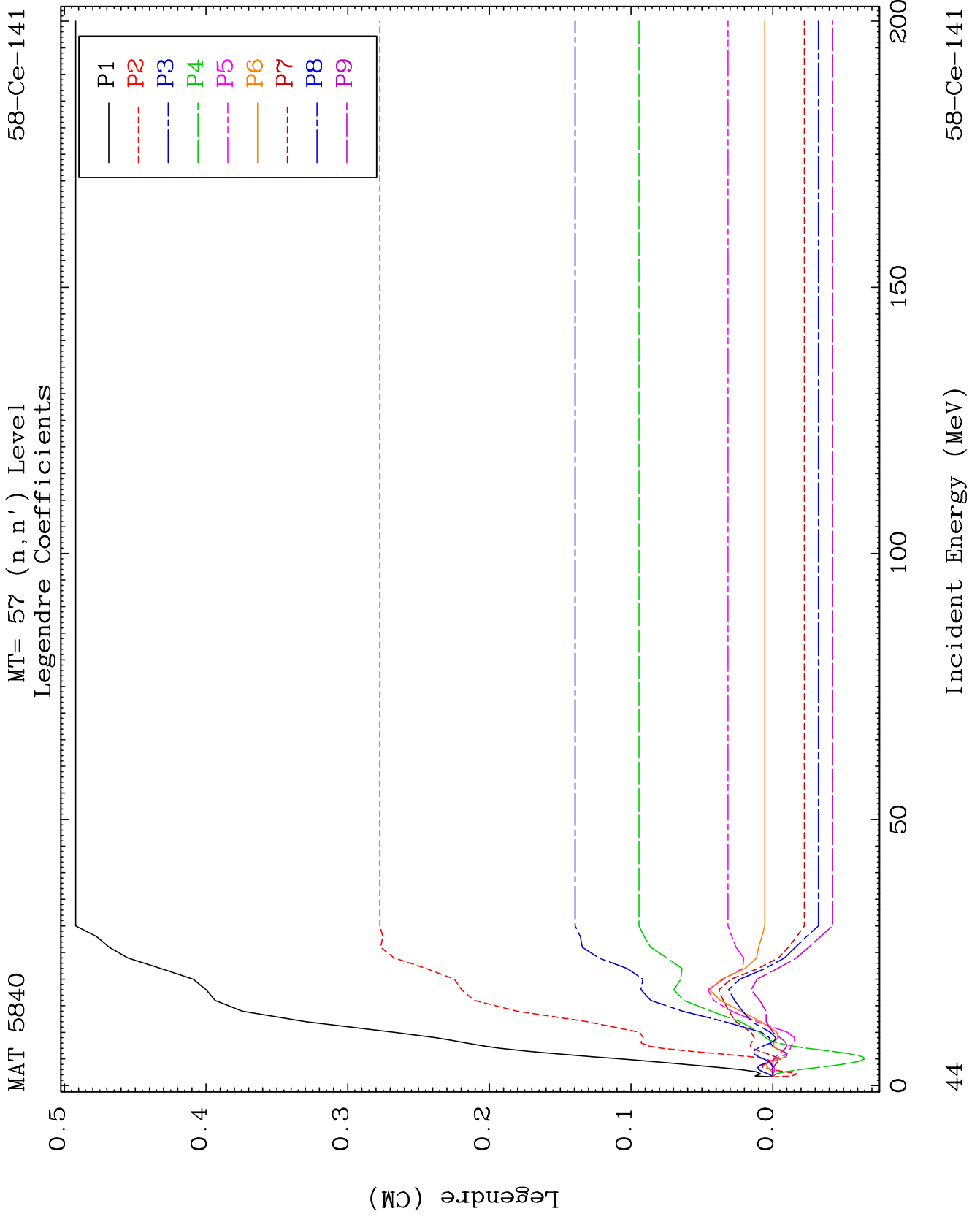
58-Ce-141

MAT 5840

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

58-Ce-141

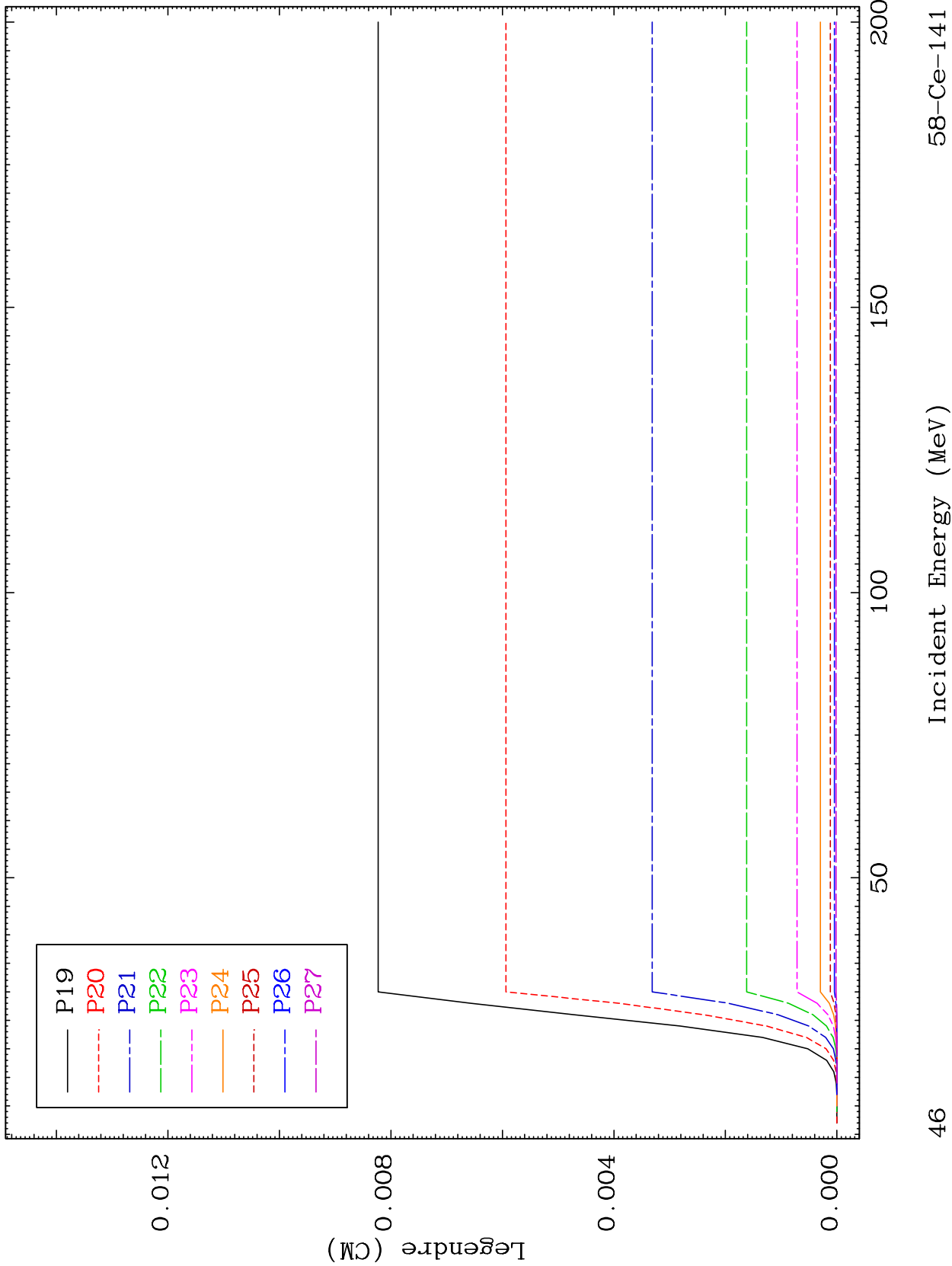




MAT 5840

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

58-Ce-141



46

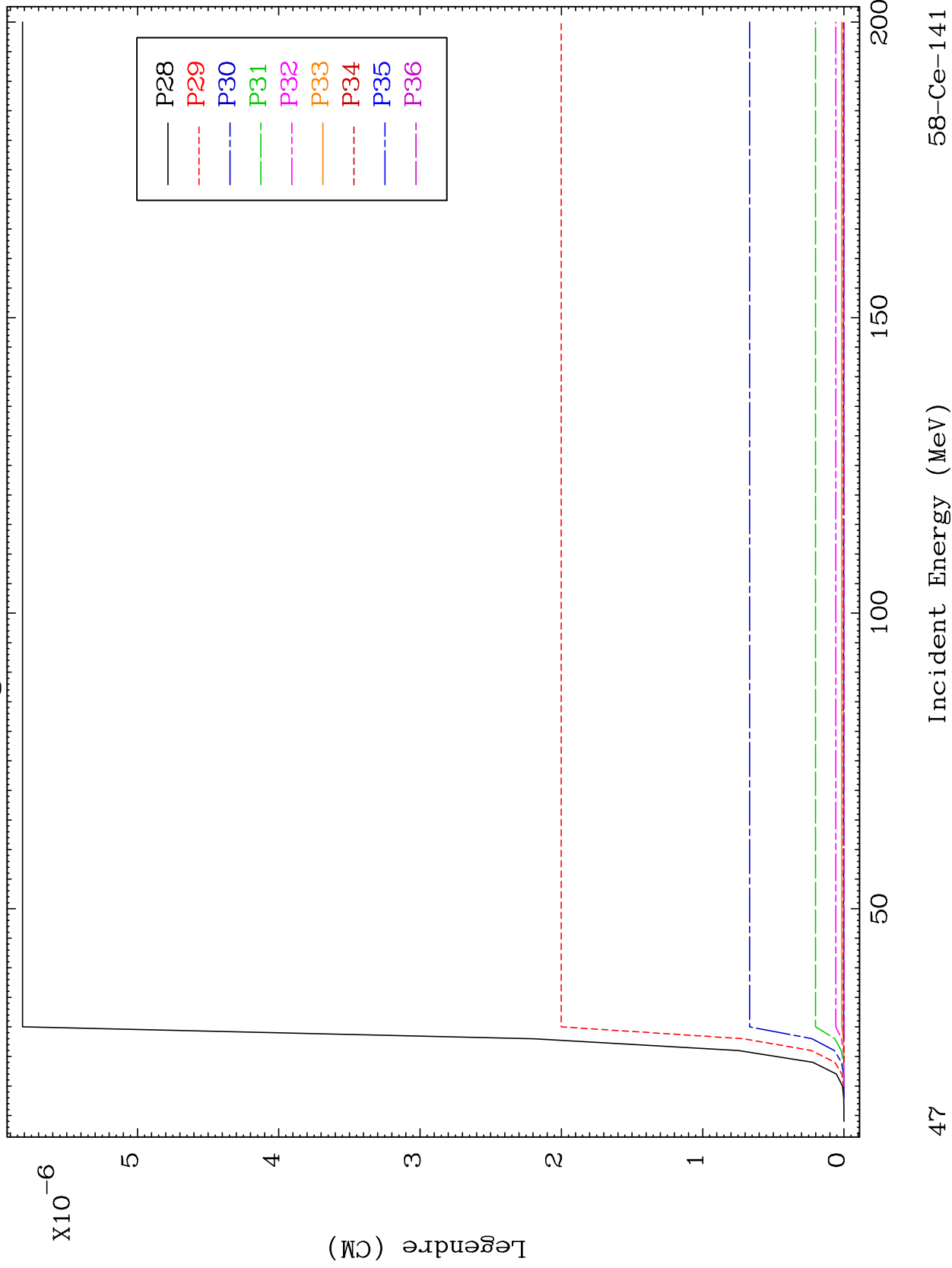
Incident Energy (MeV)

58-Ce-141

MAT 5840

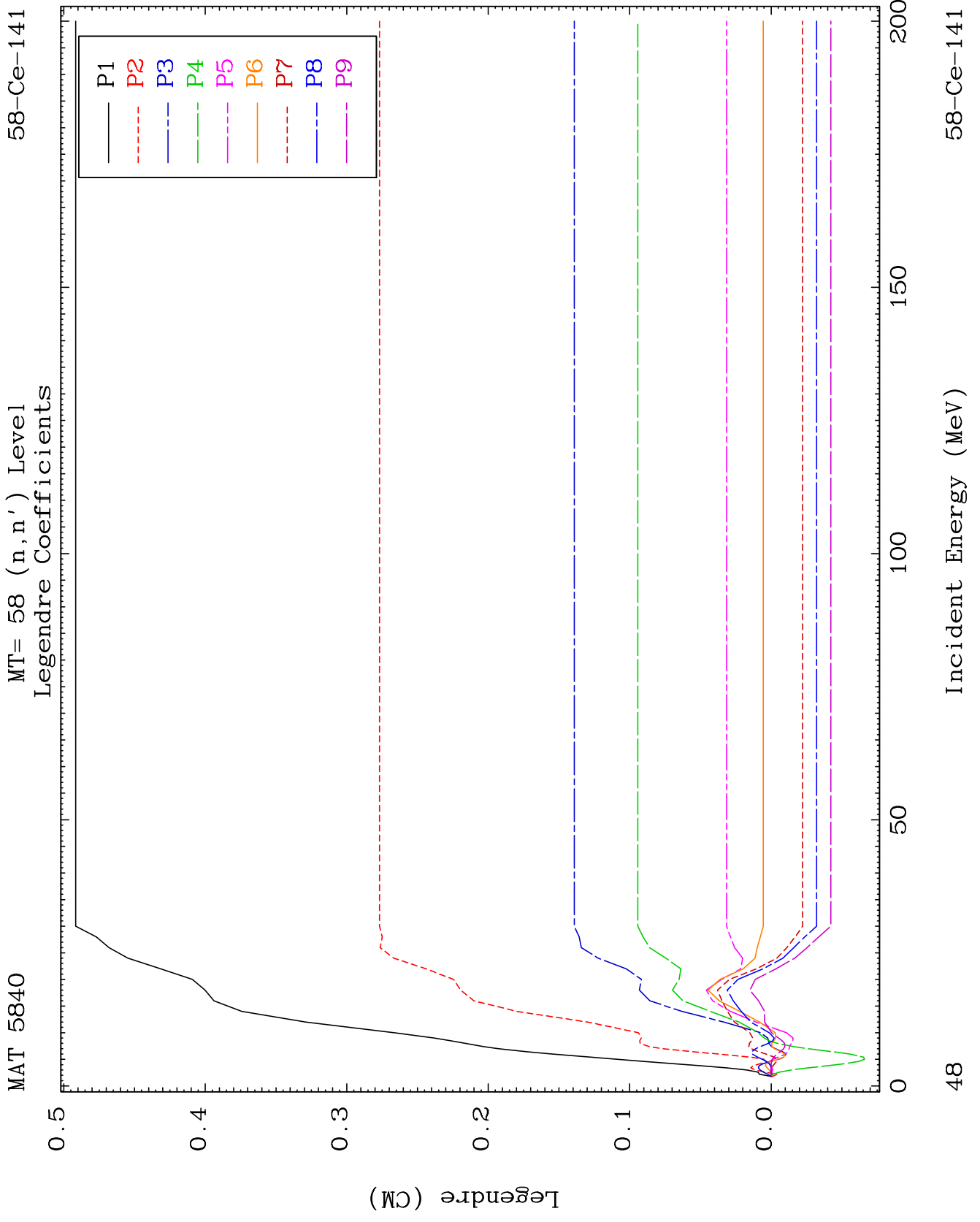
MT= 57 (n,n') Level
Legendre Coefficients

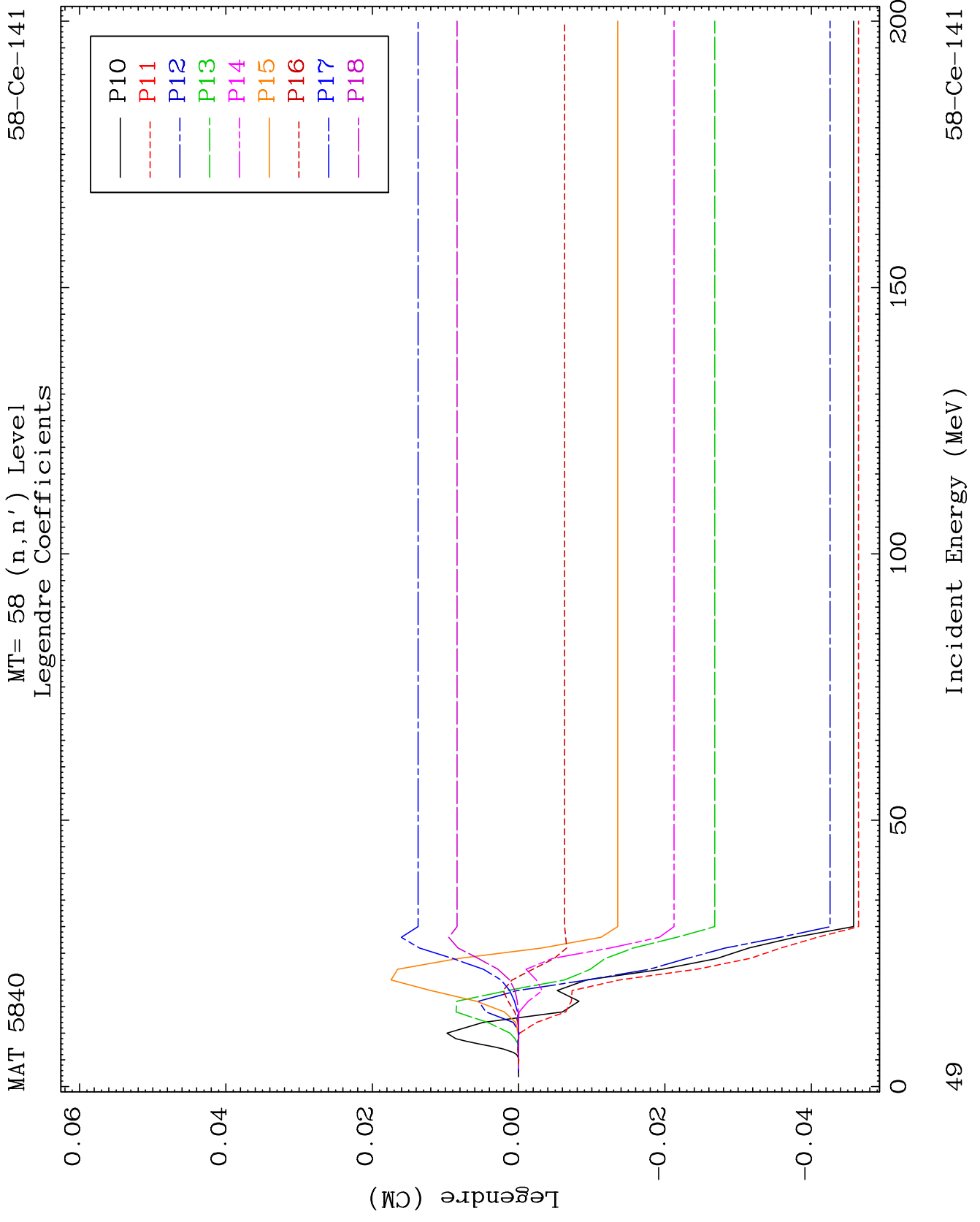
58-Ce-141



47

58-Ce-141





58-Ce-141

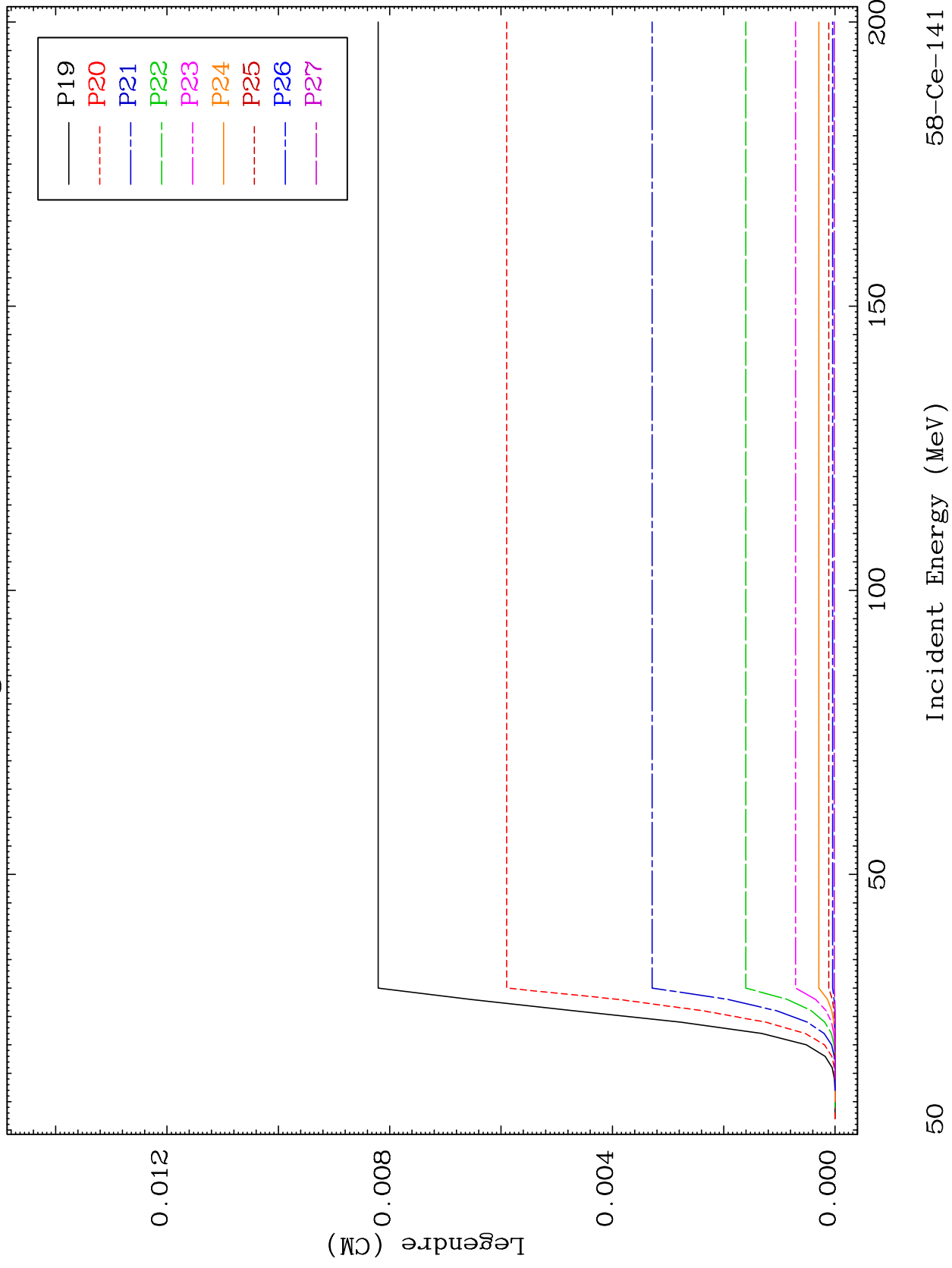
Incident Energy (MeV)

49

MAT 5840

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

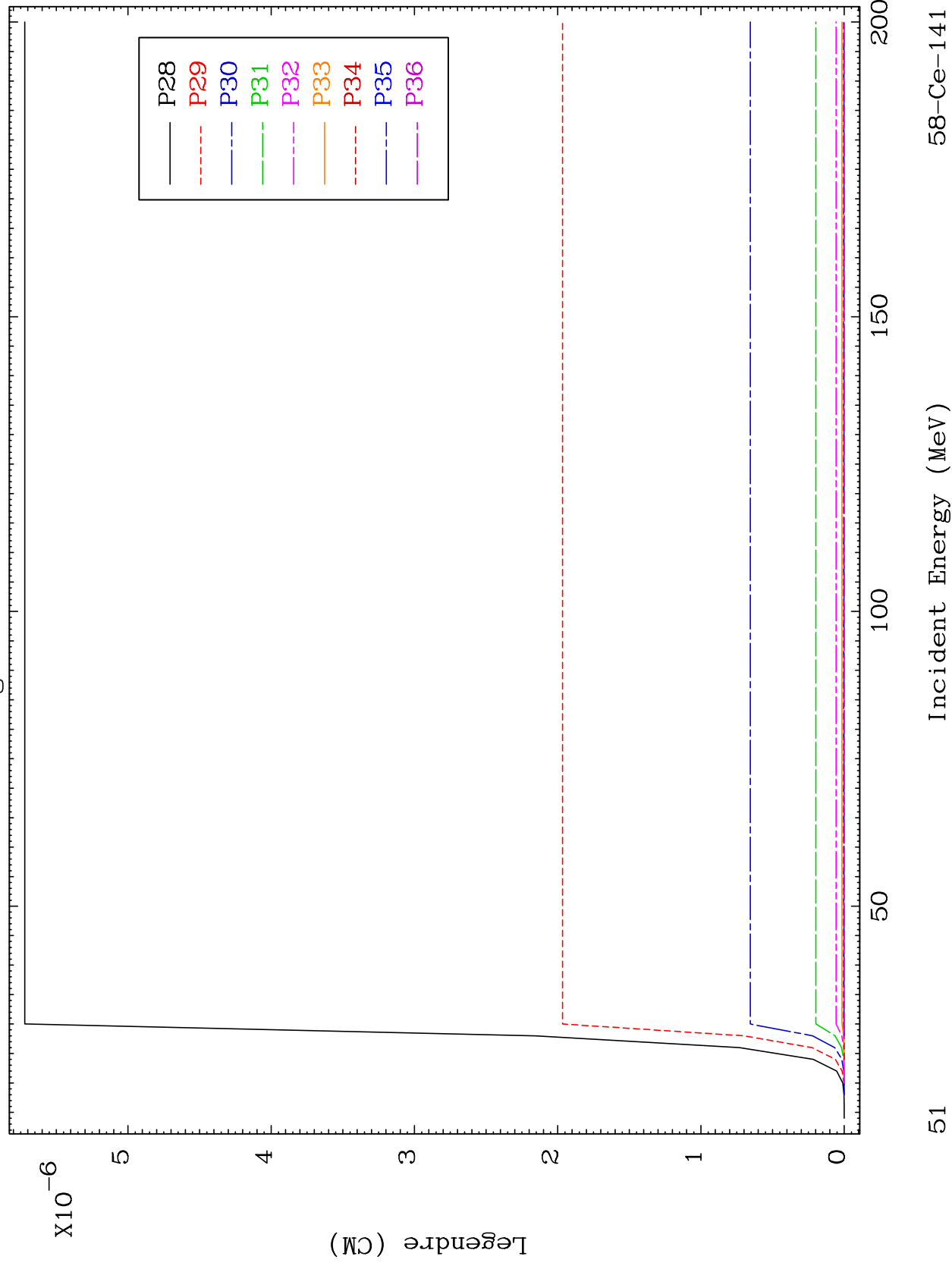
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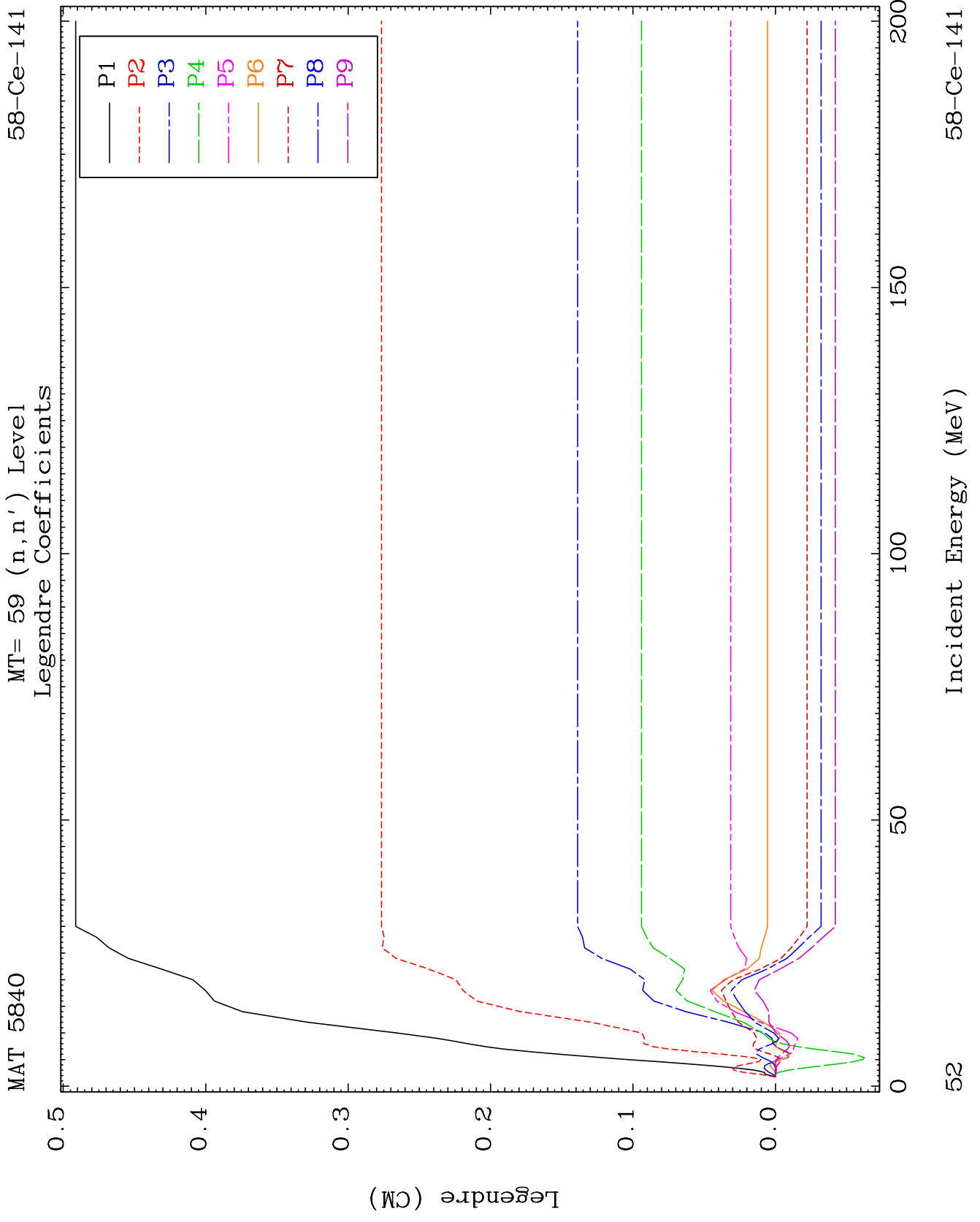
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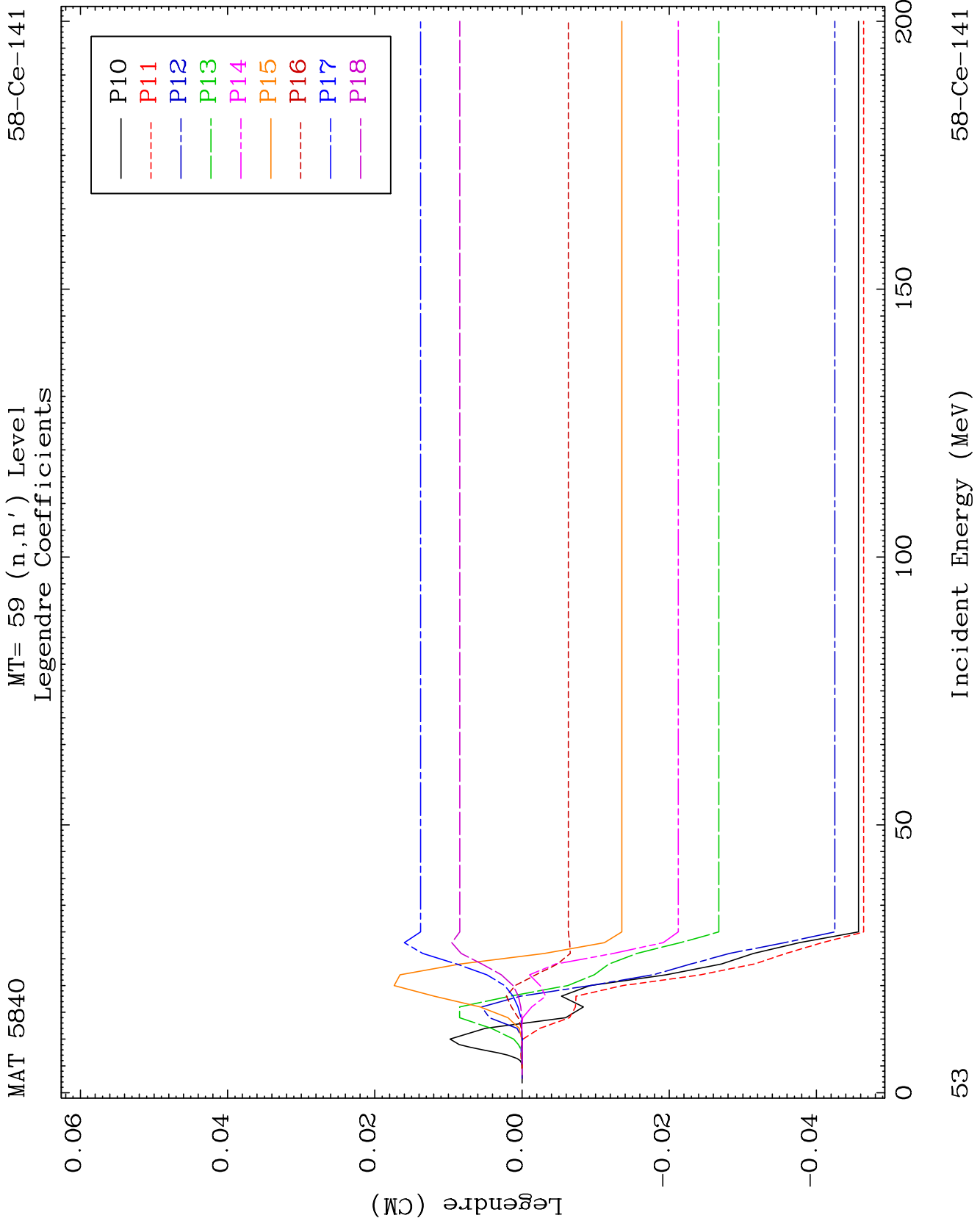
MT= 58 (n,n') Level
Legendre Coefficients

58-Ce-141



51





58-Ce-141

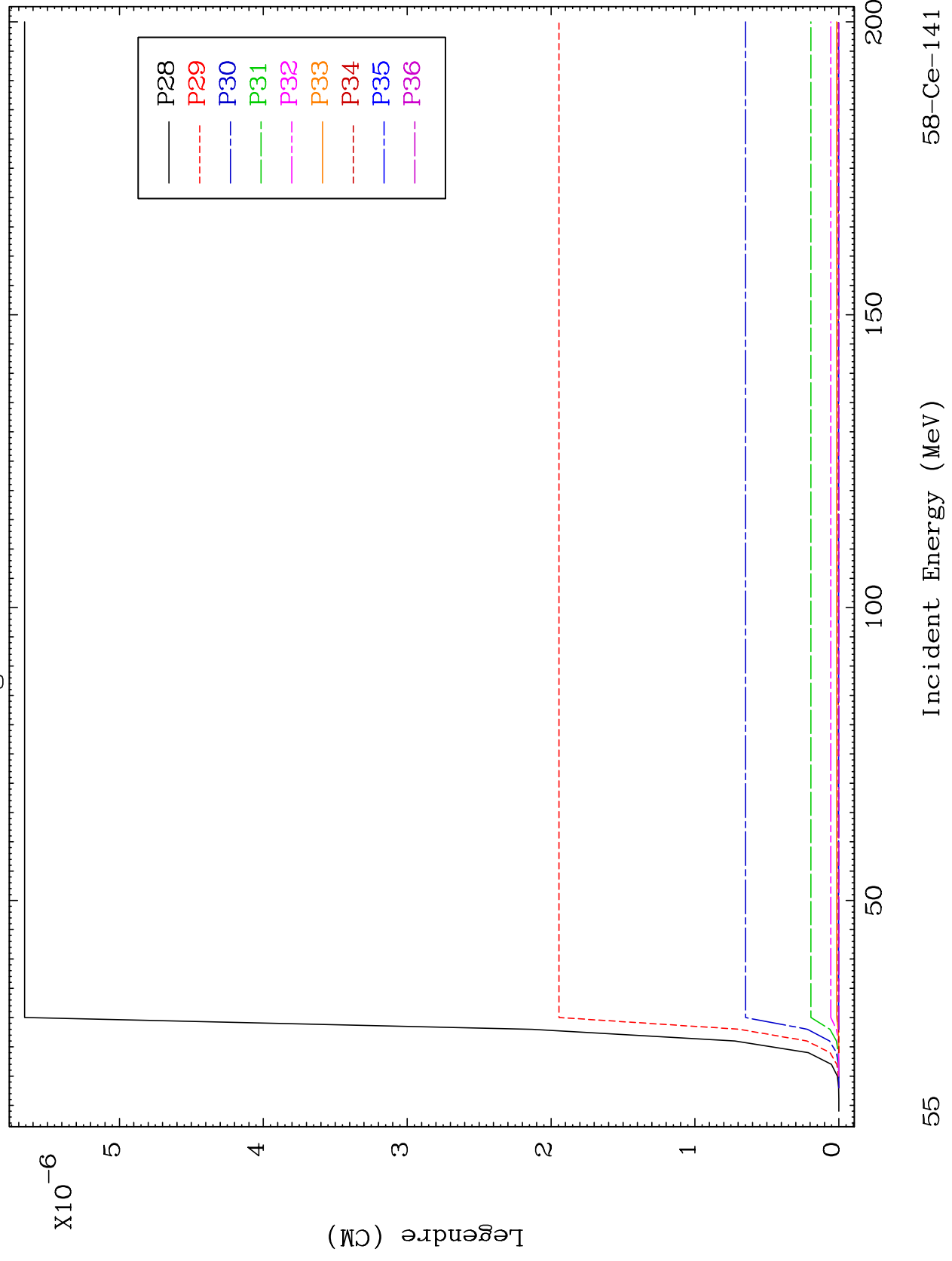
Incident Energy (MeV)

53

MAT 5840

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

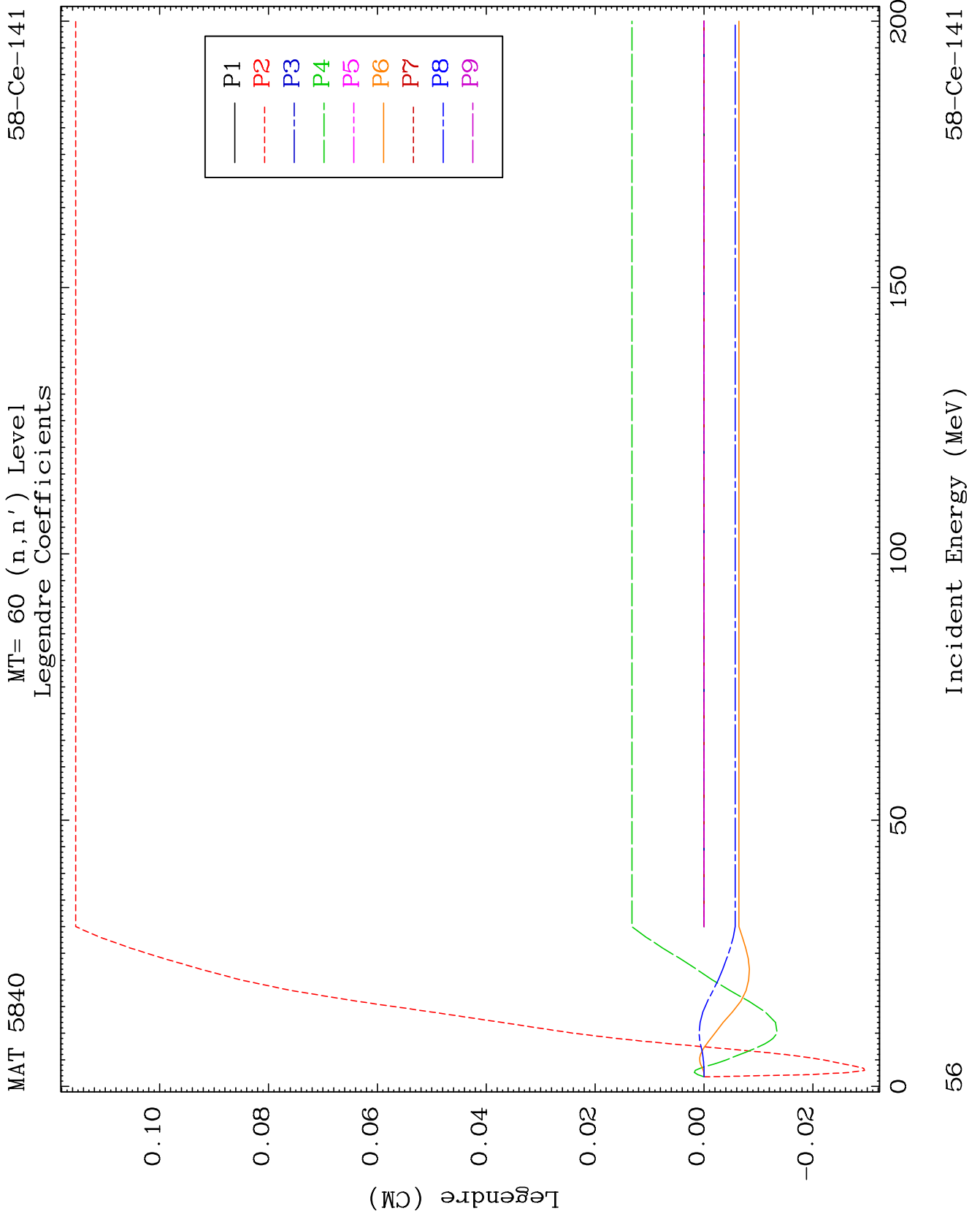
58-Ce-141



55

Incident Energy (MeV)

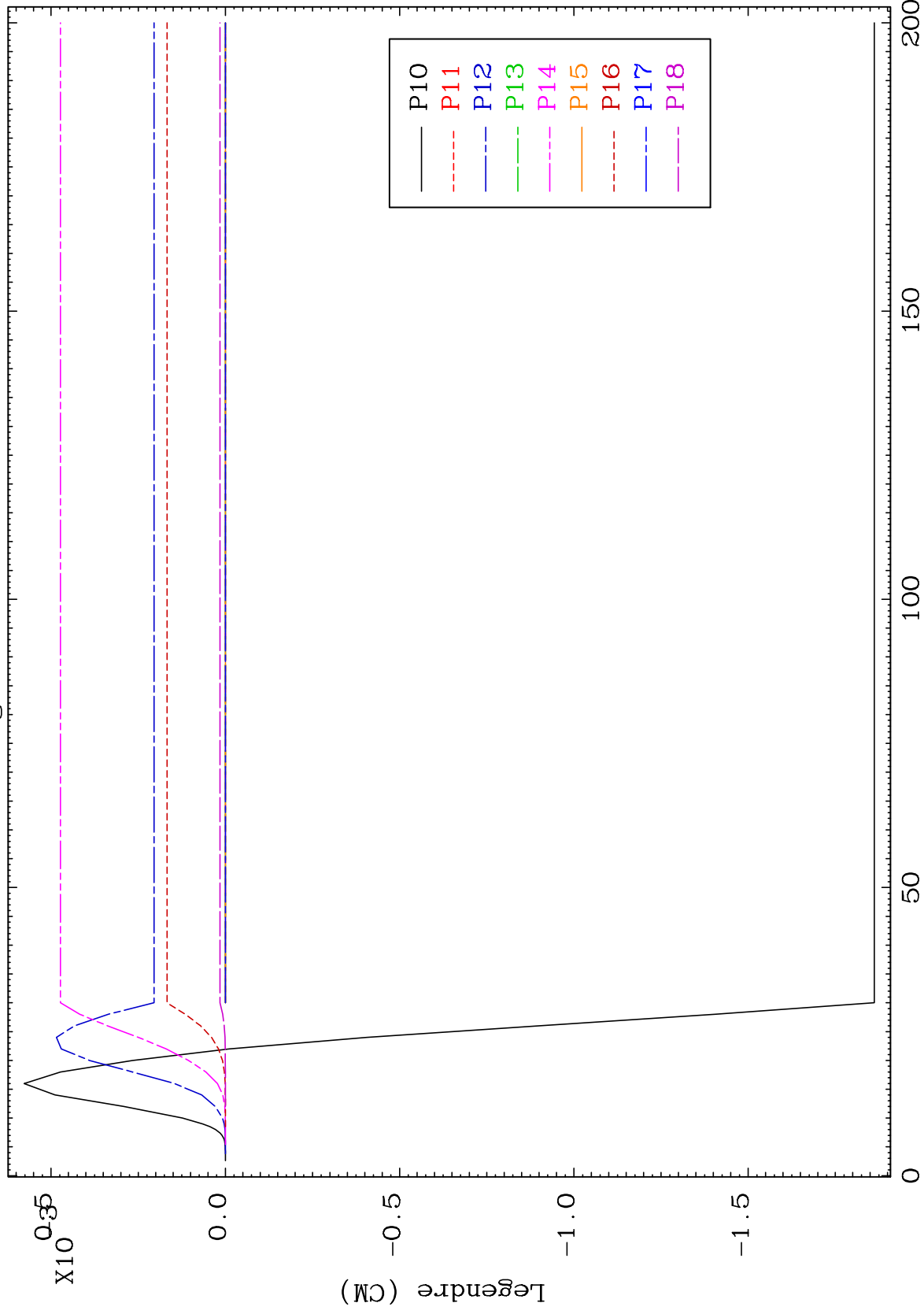
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MAT 5840

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

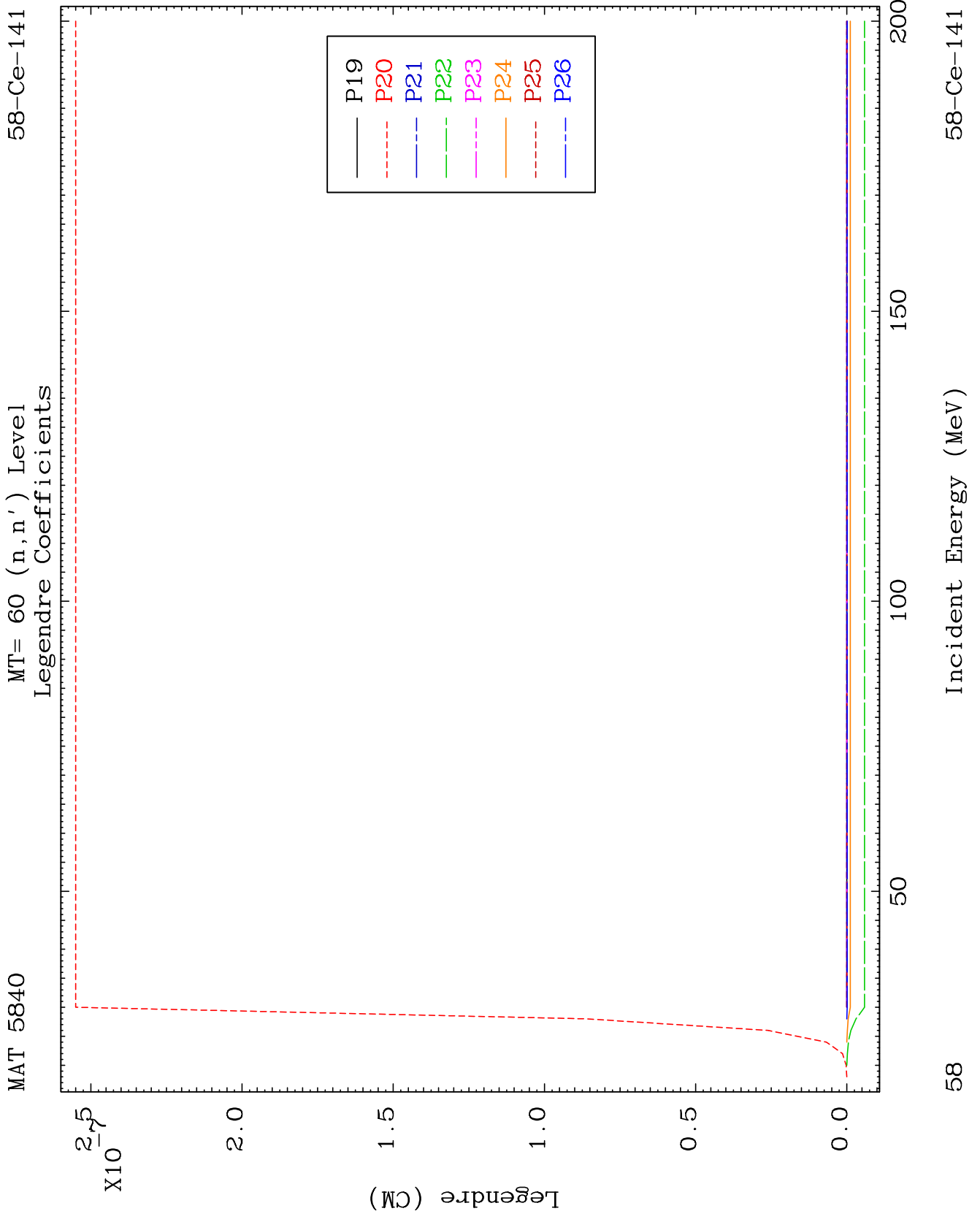
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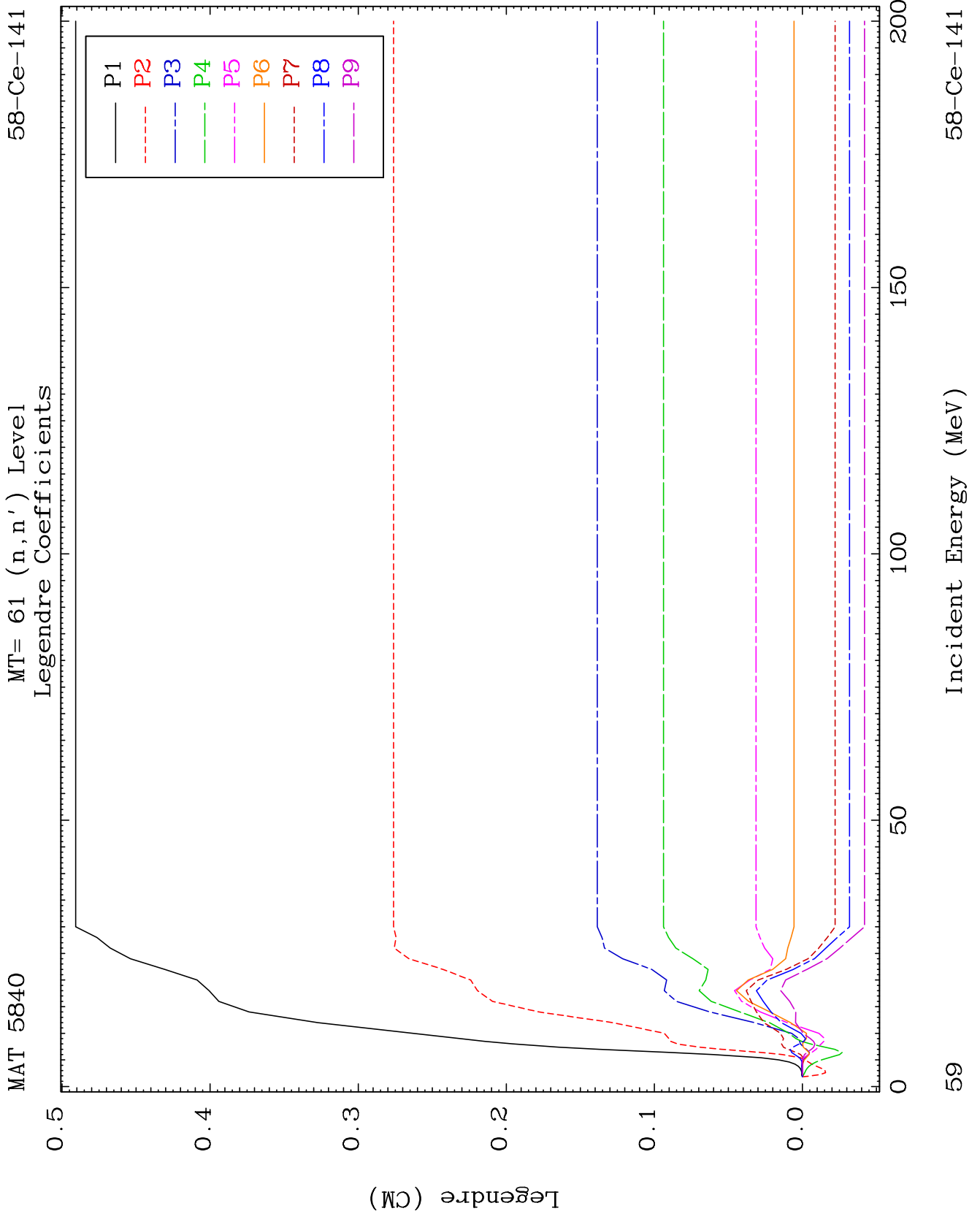


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Incident Energy (MeV)

58-Ce-141

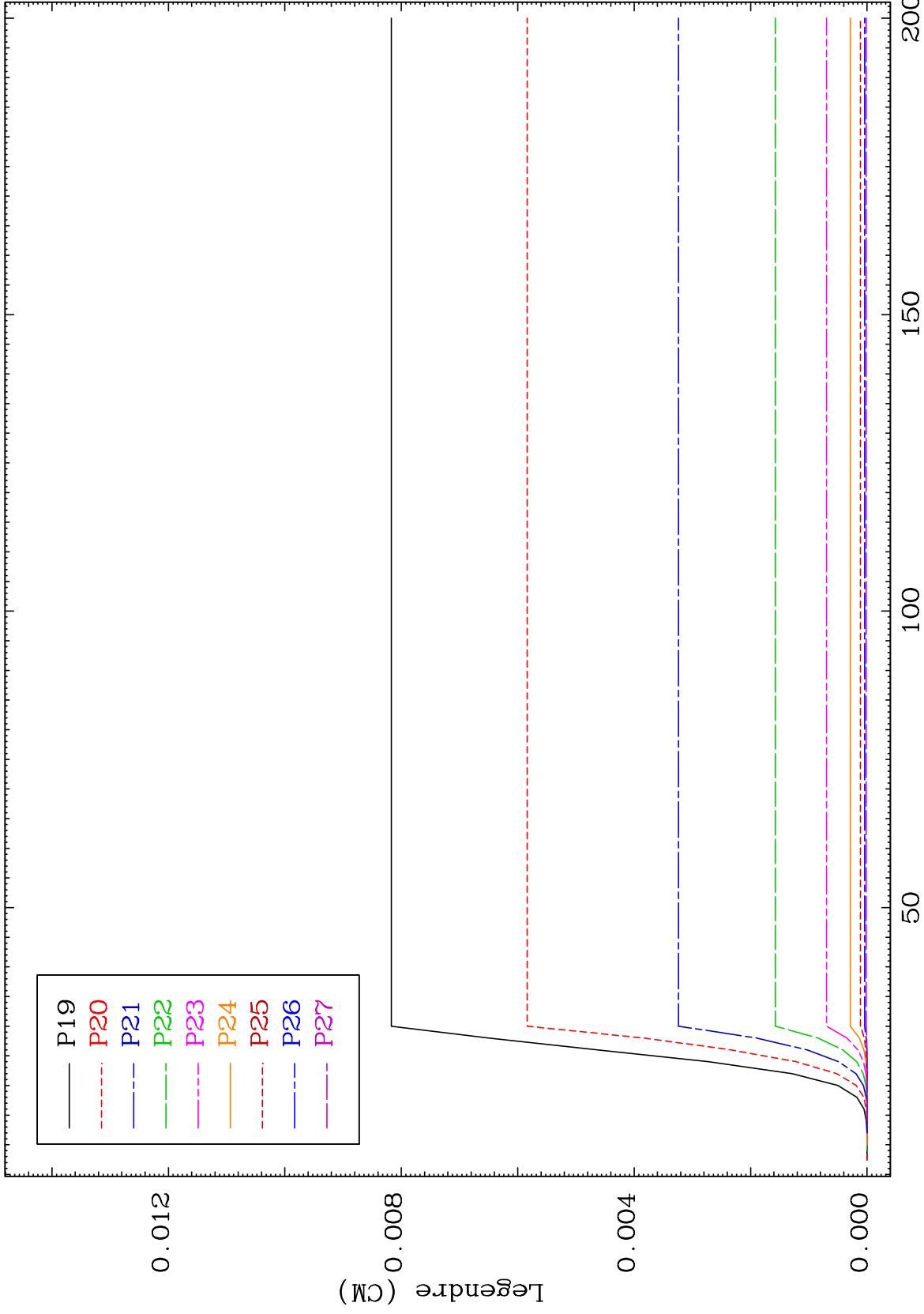




MAT 5840

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

58-Ce-141



61

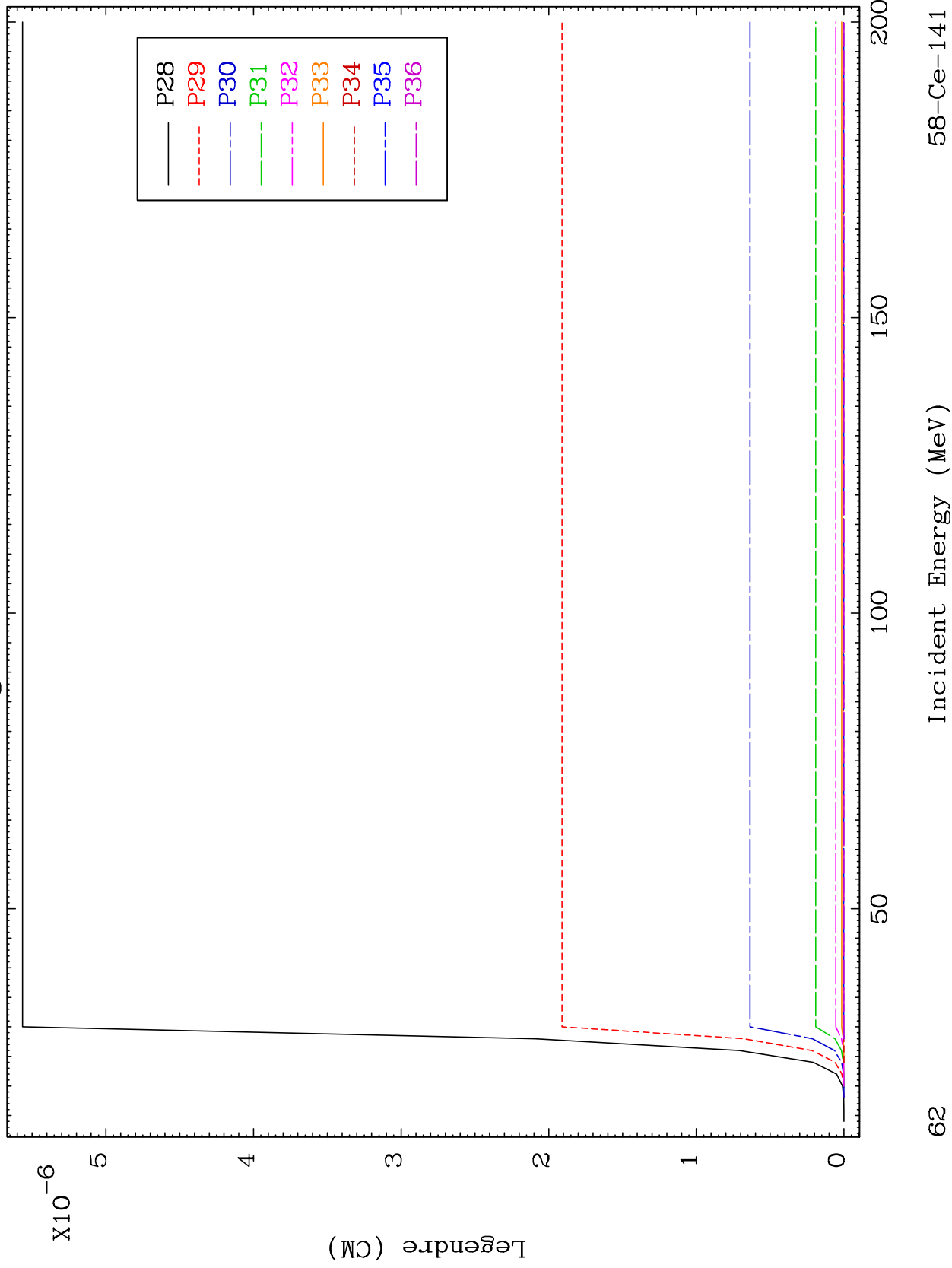
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

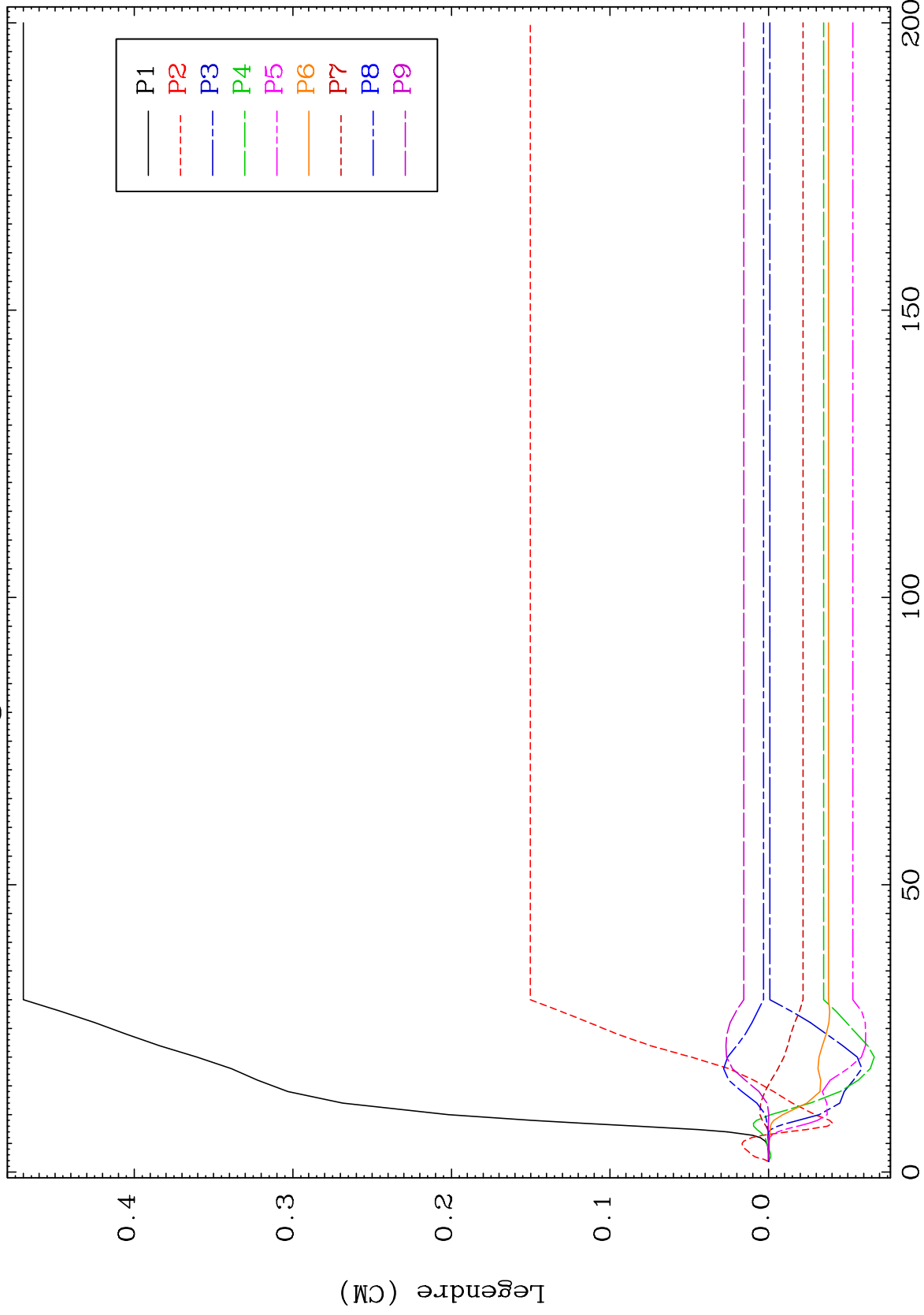
58-Ce-141



MAT 5840

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

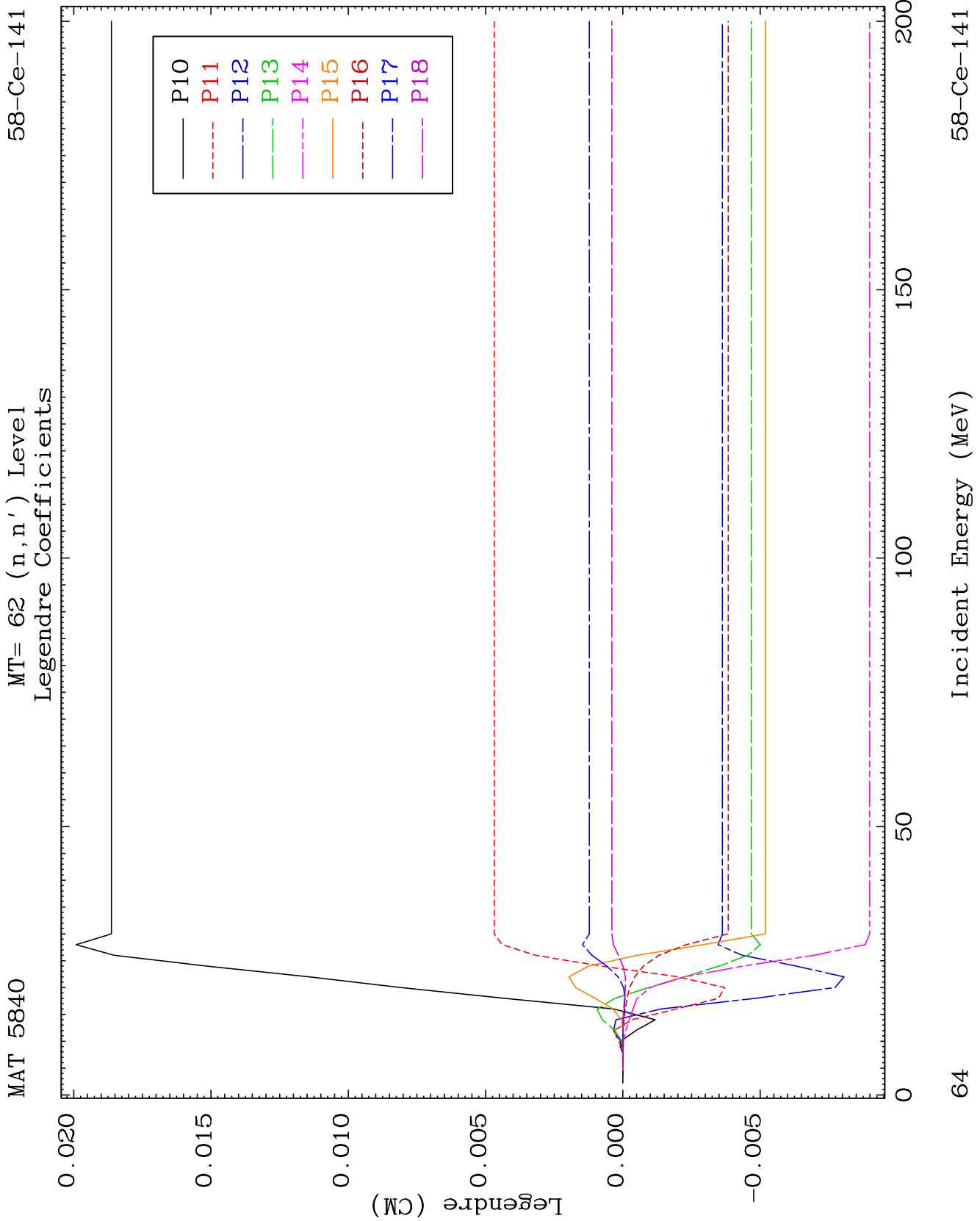
58-Ce-141



63

Incident Energy (MeV)

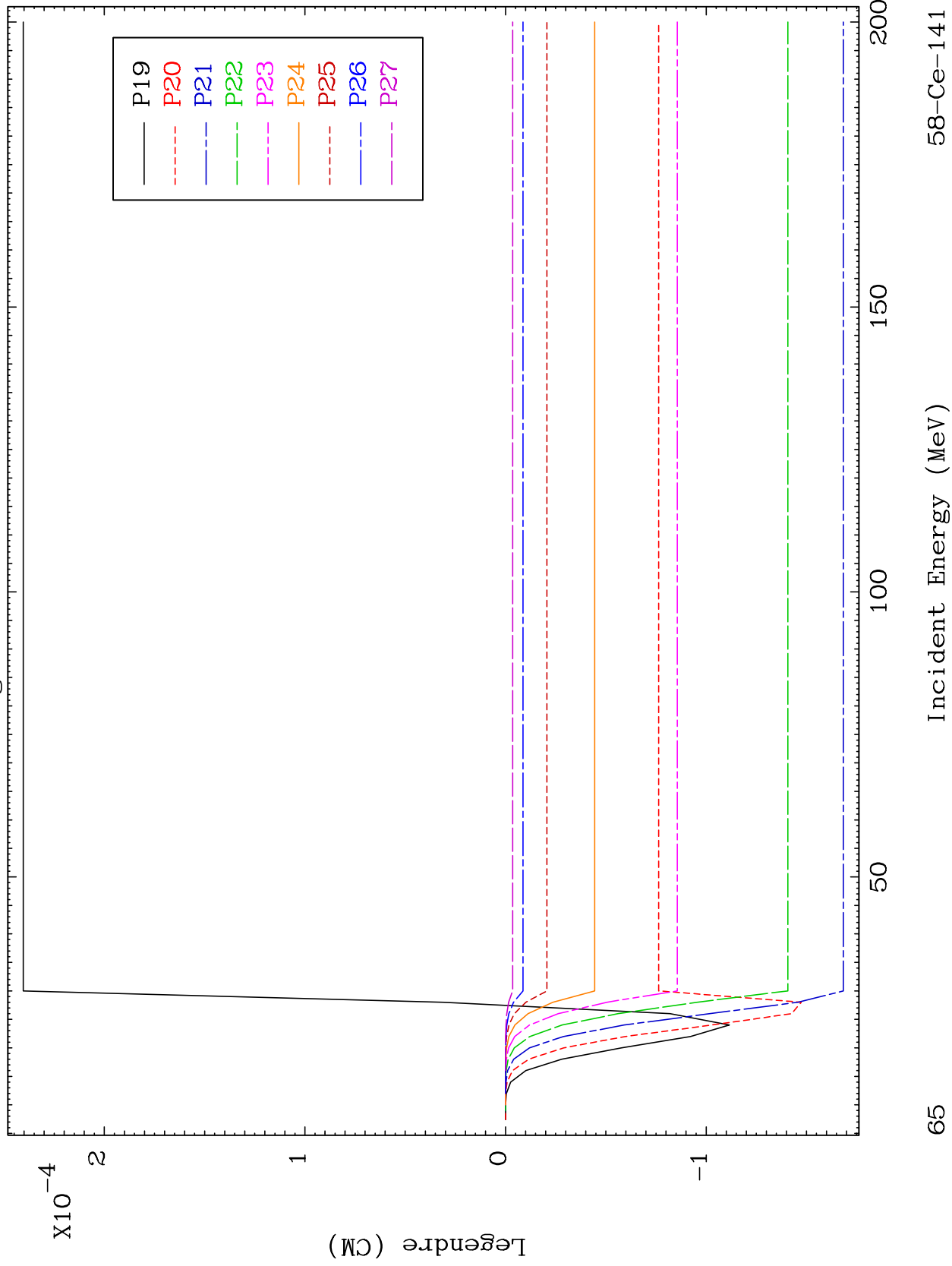
58-Ce-141



MAT 5840

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

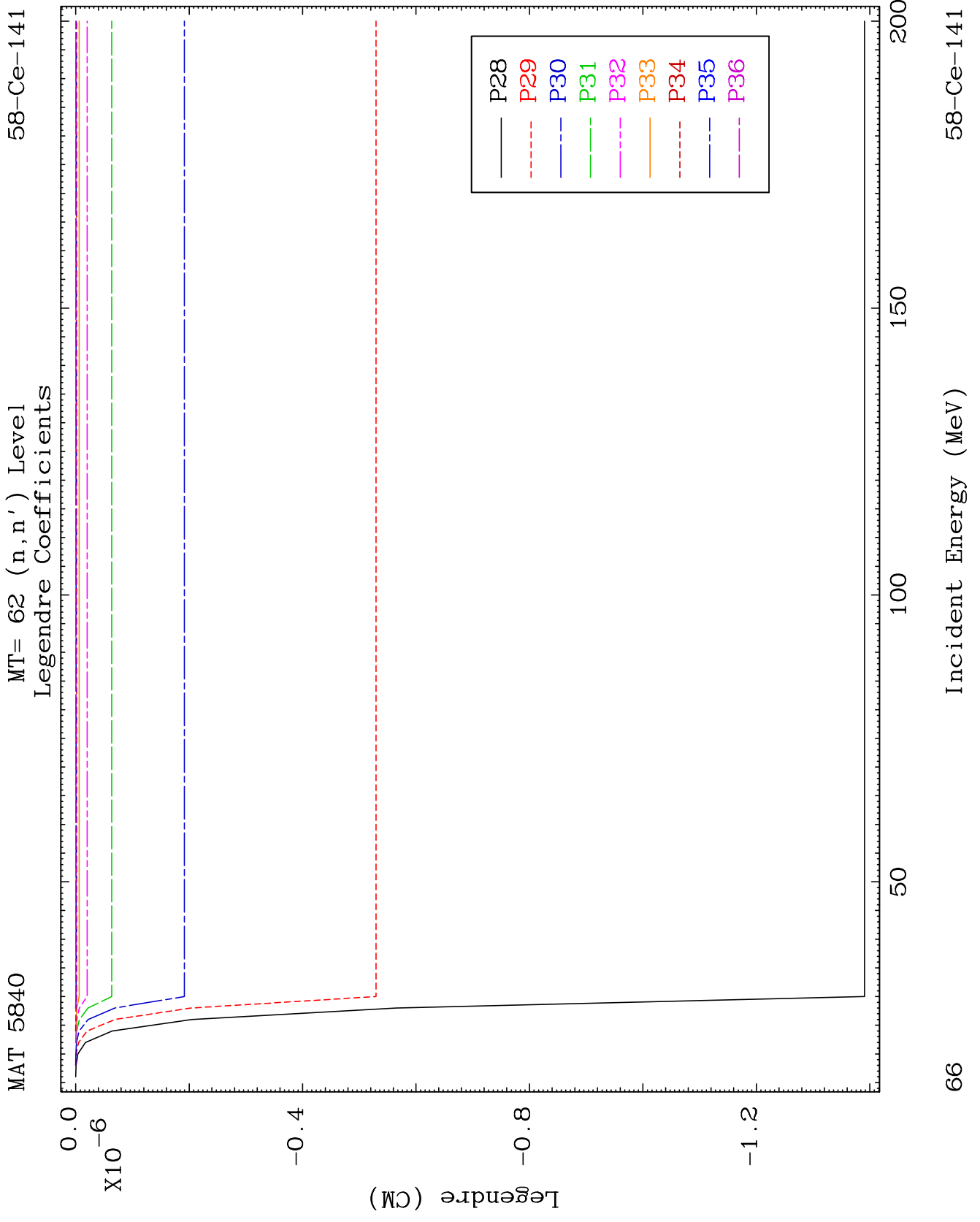
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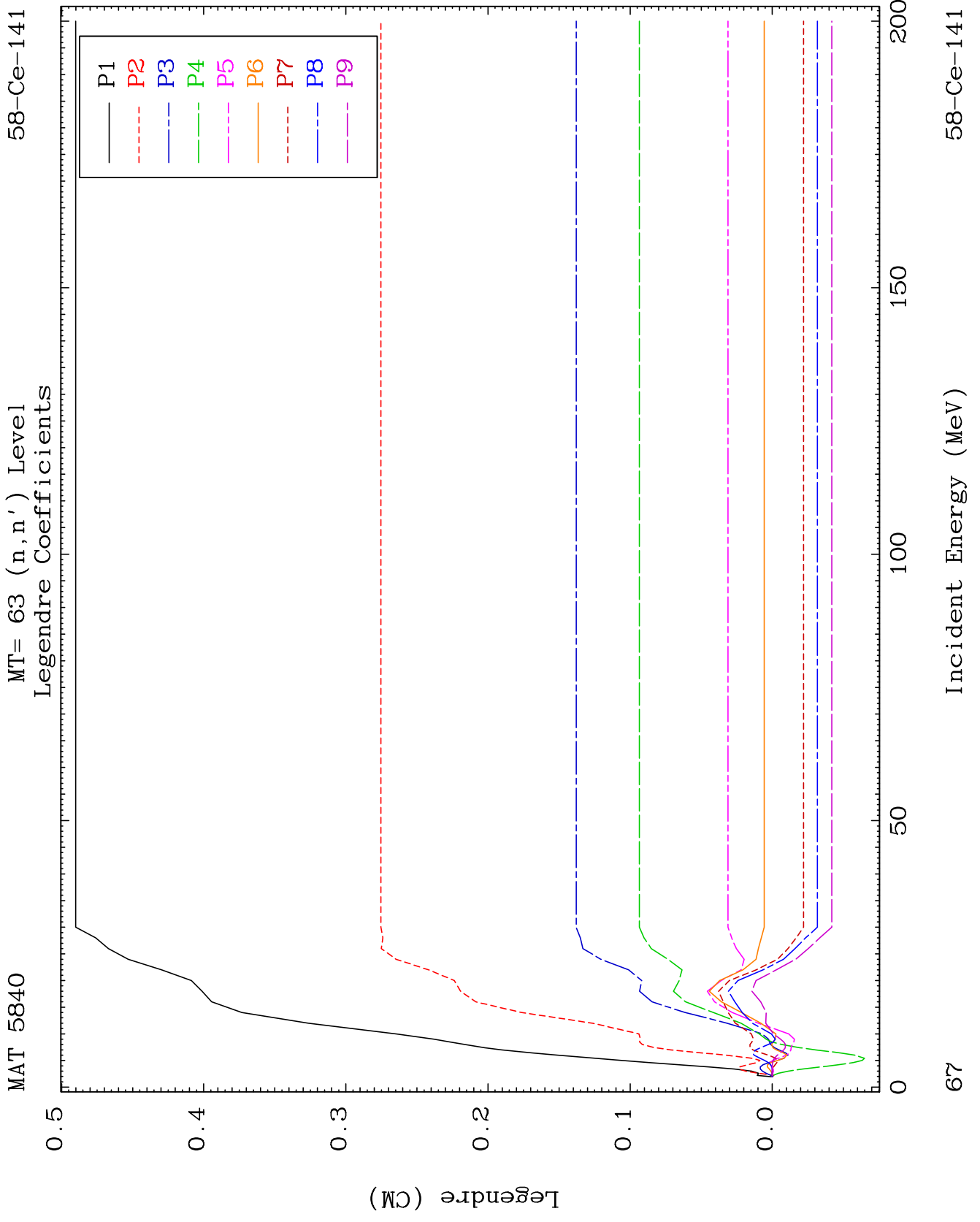


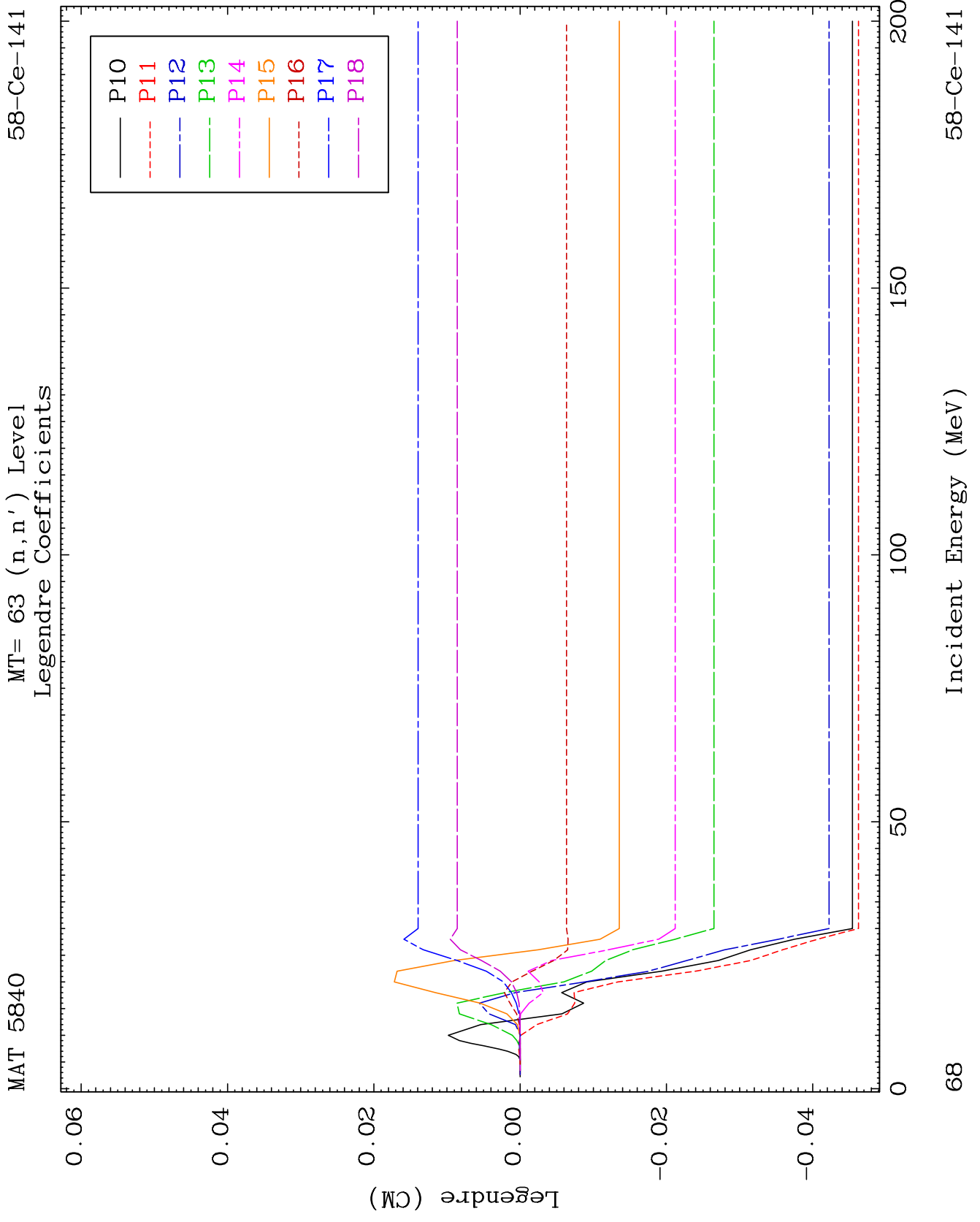
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Incident Energy (MeV)

58-Ce-141



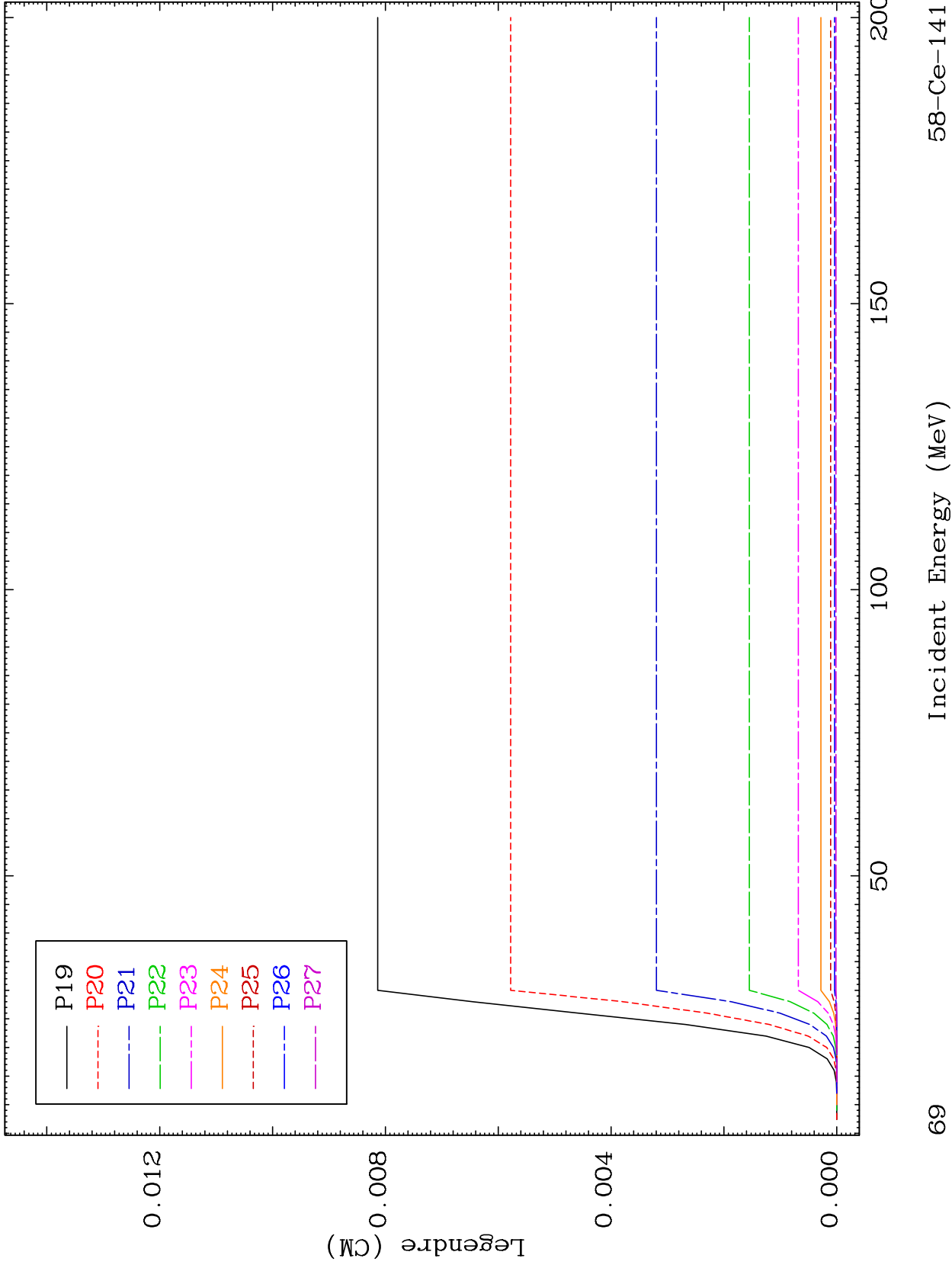




MAT 5840

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

58-Ce-141



69

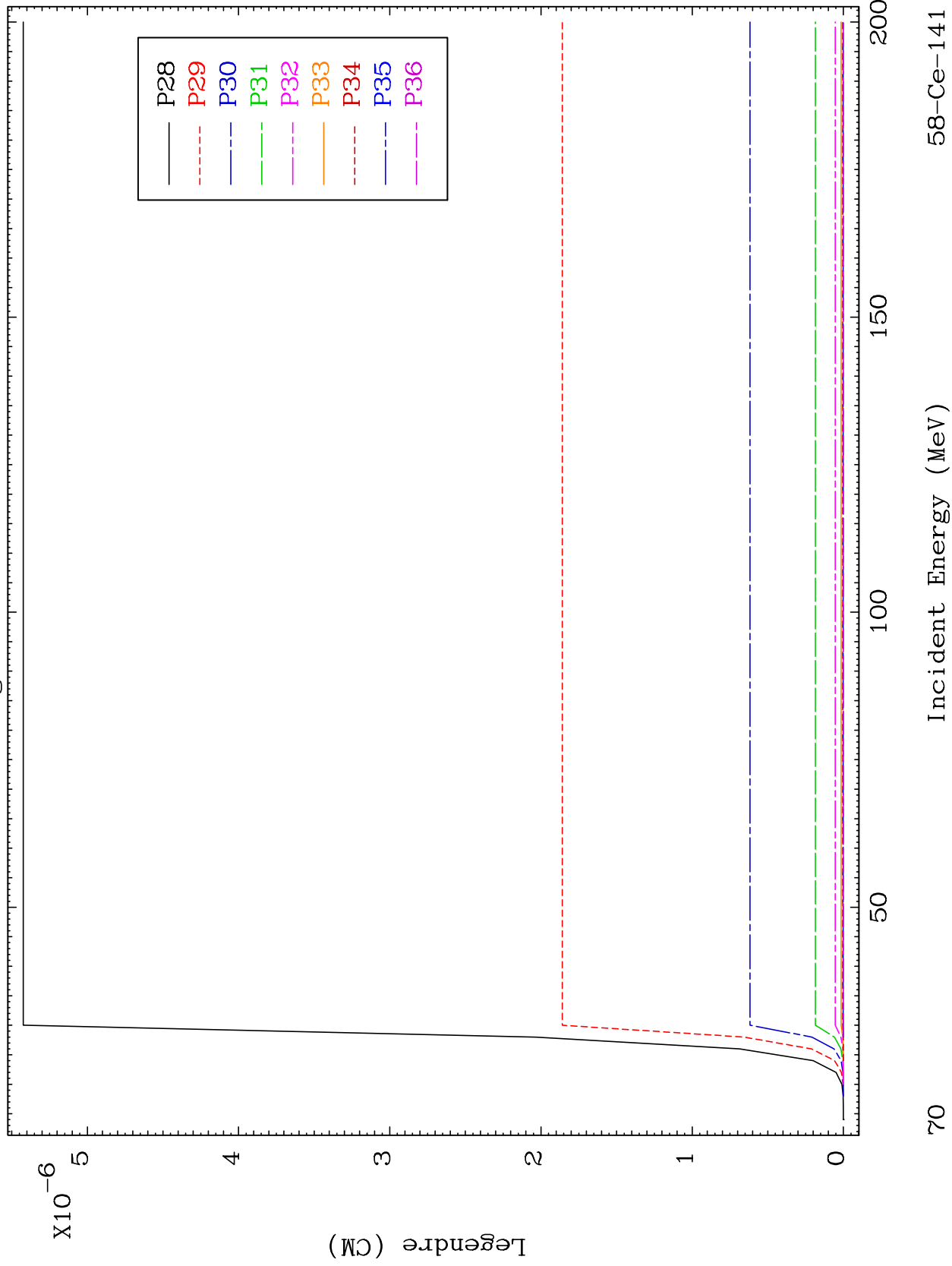
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

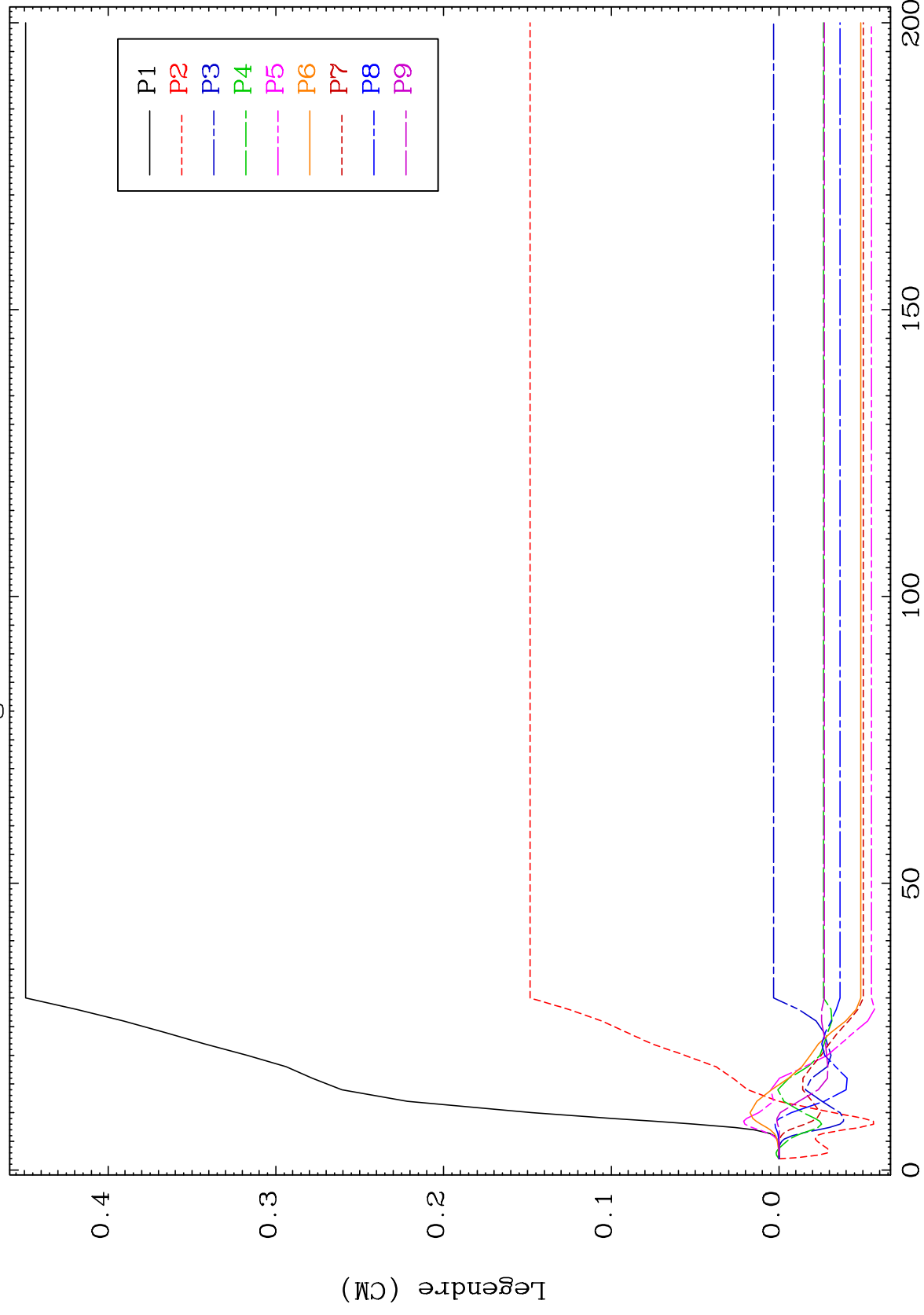
58-Ce-141



MAT 5840

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

58-Ce-141



71

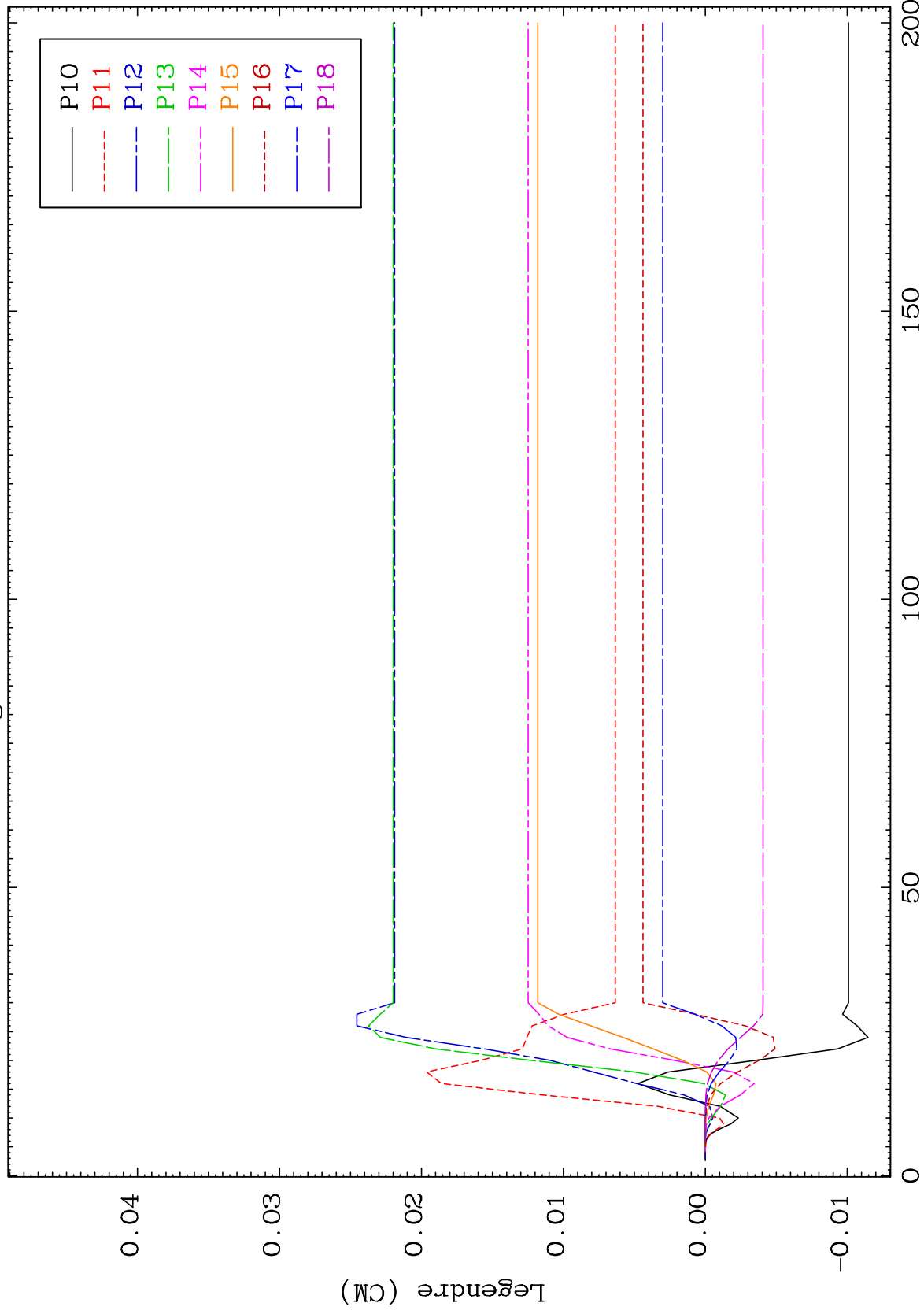
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



72

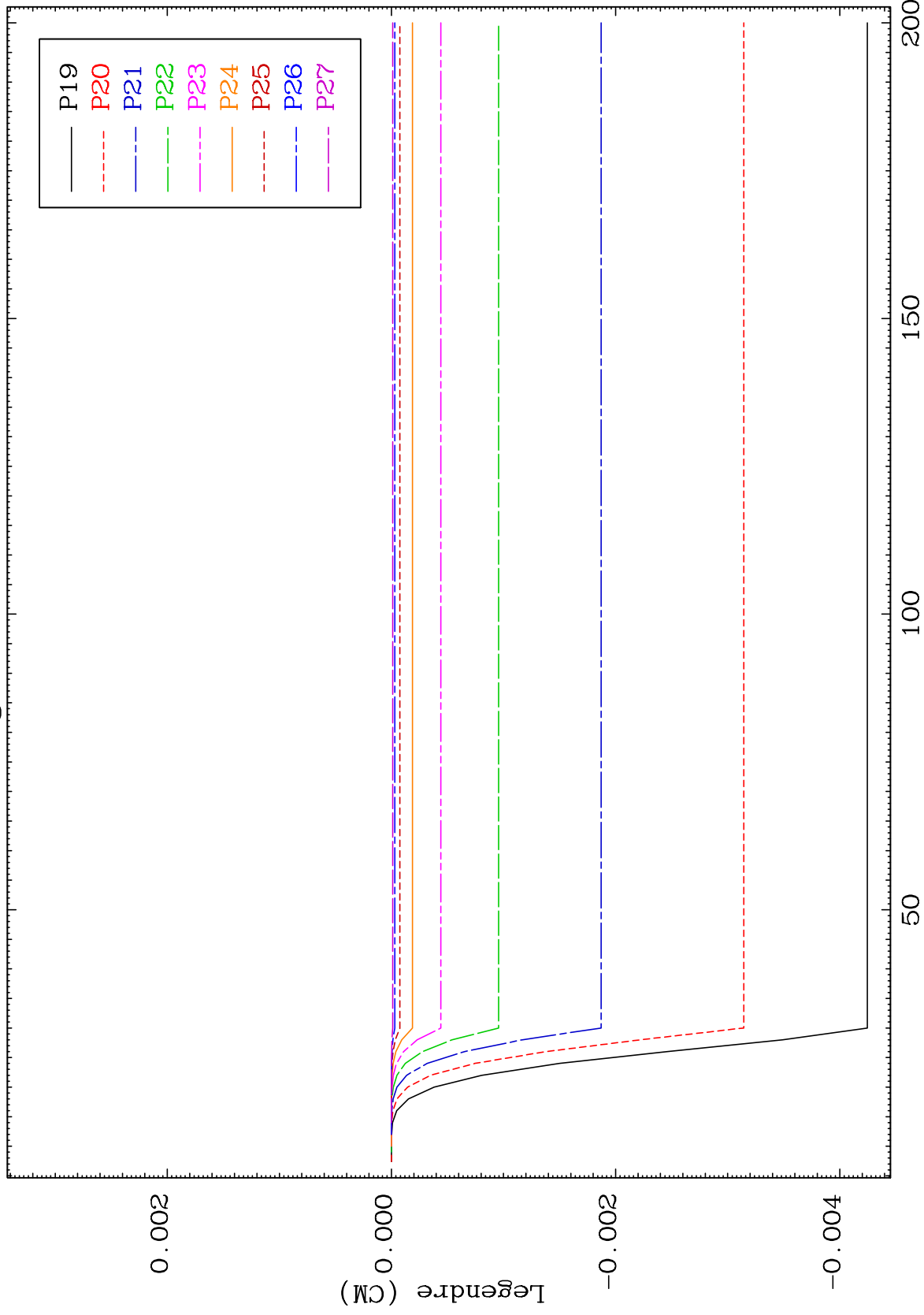
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

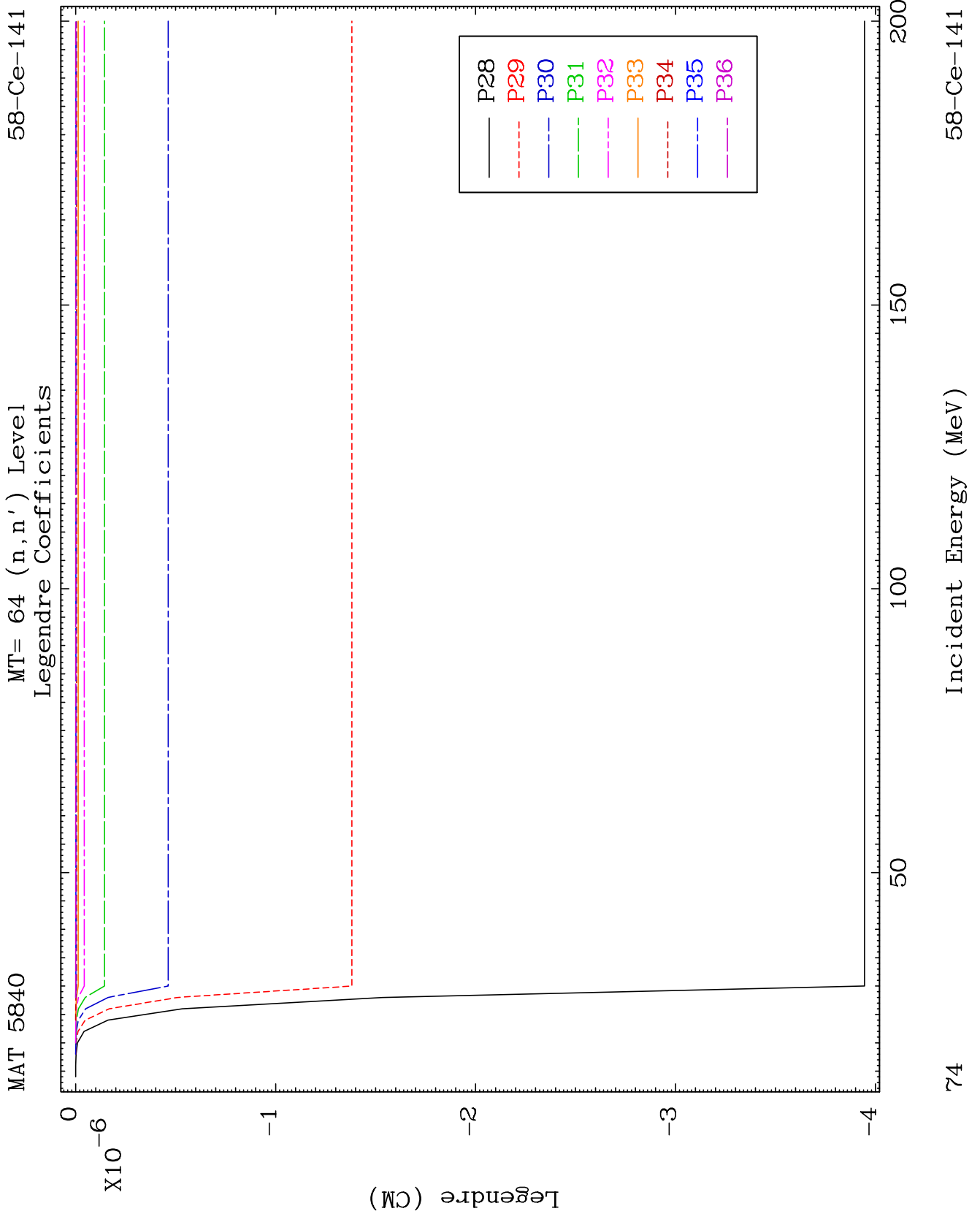
58-Ce-141

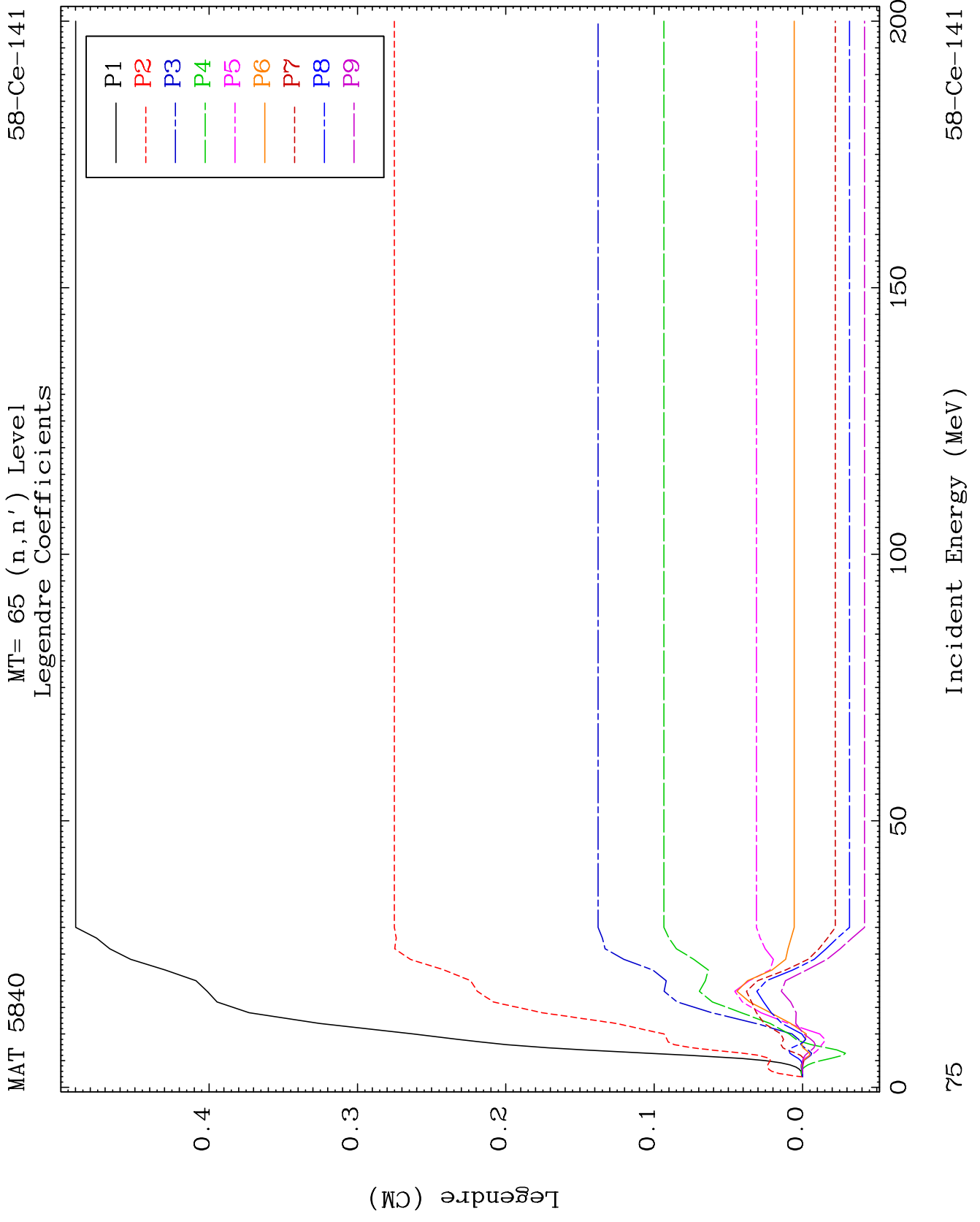


73

Incident Energy (MeV)

58-Ce-141

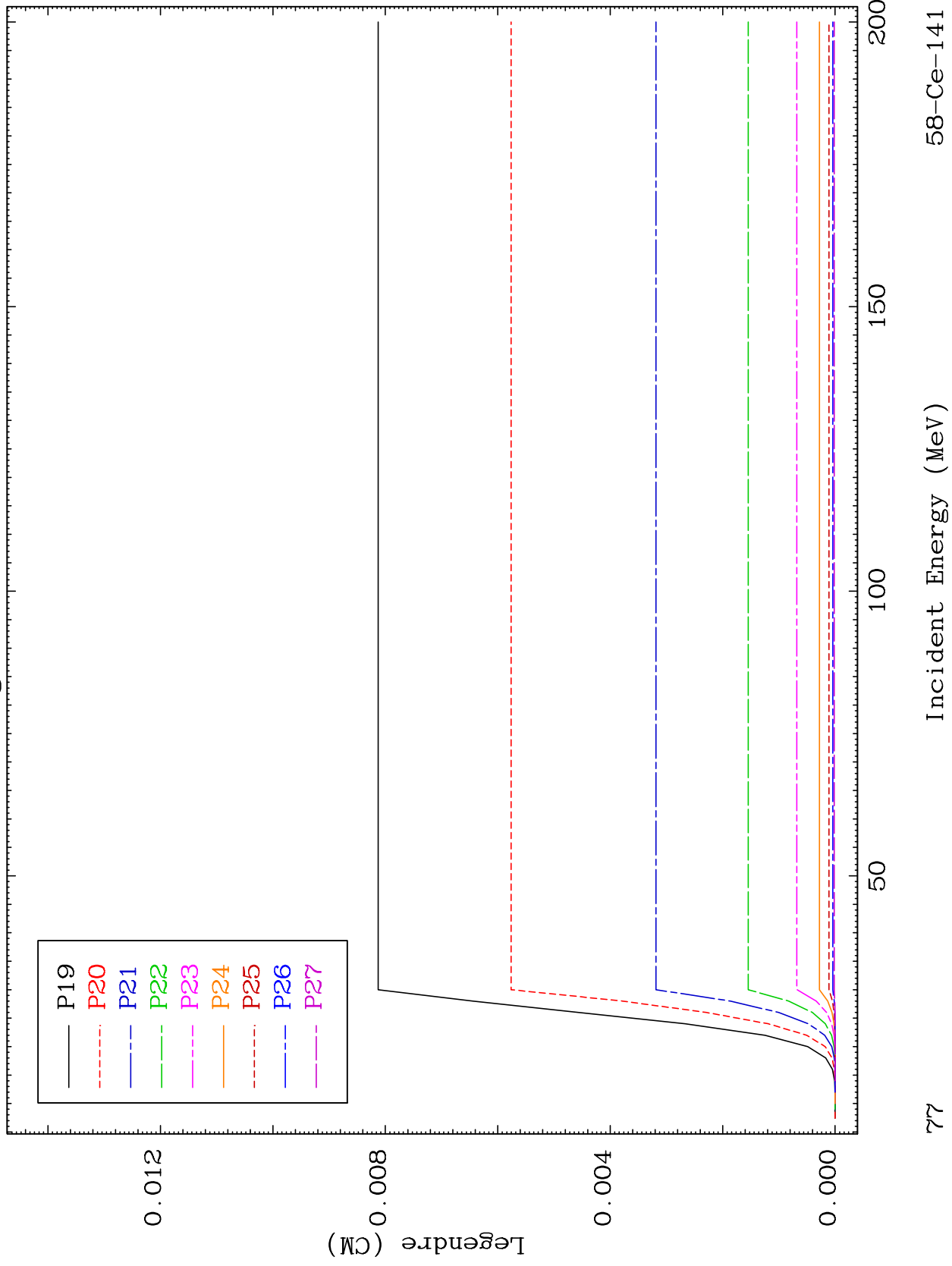




MAT 5840

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

58-Ce-141



77

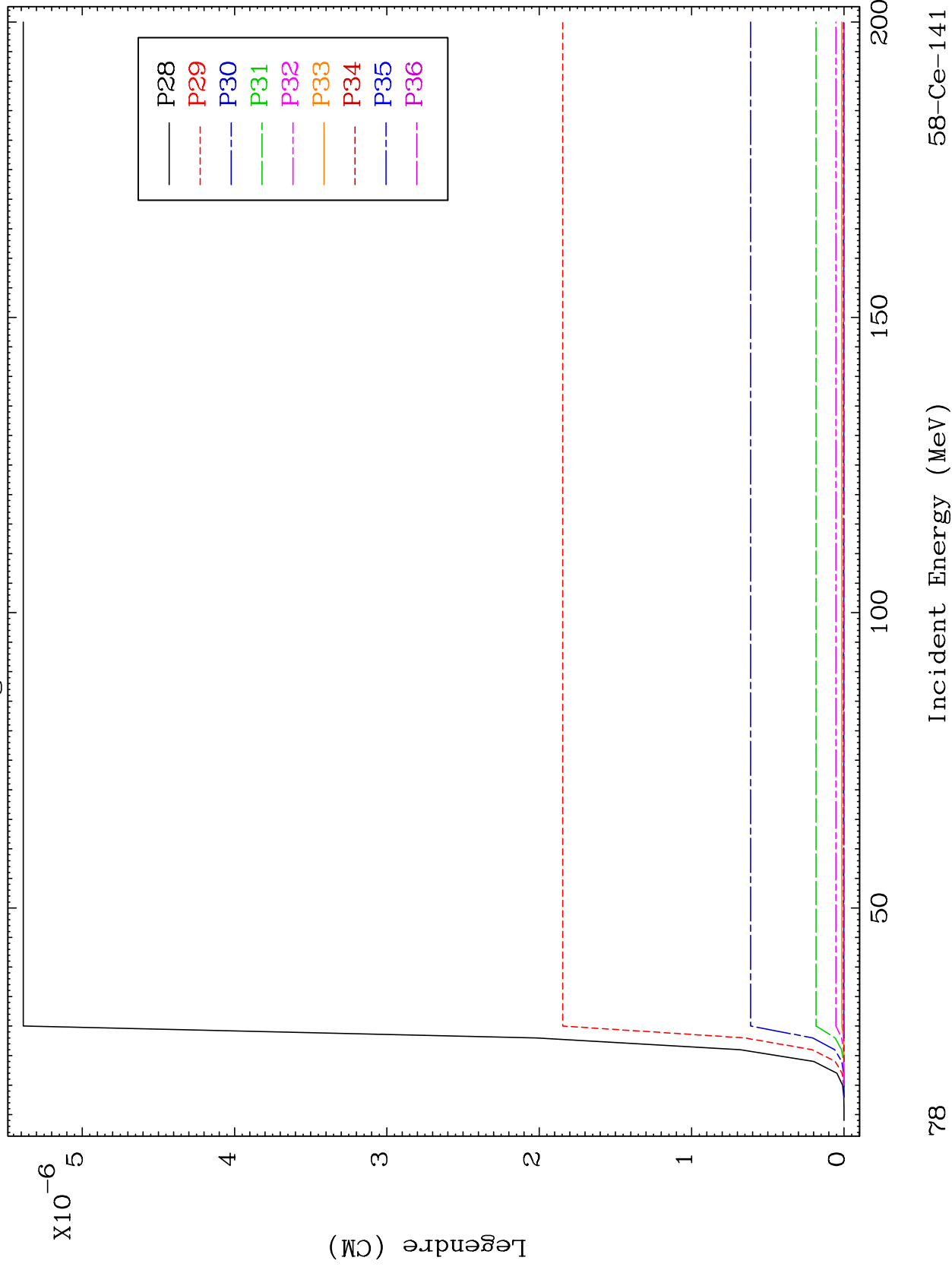
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



78

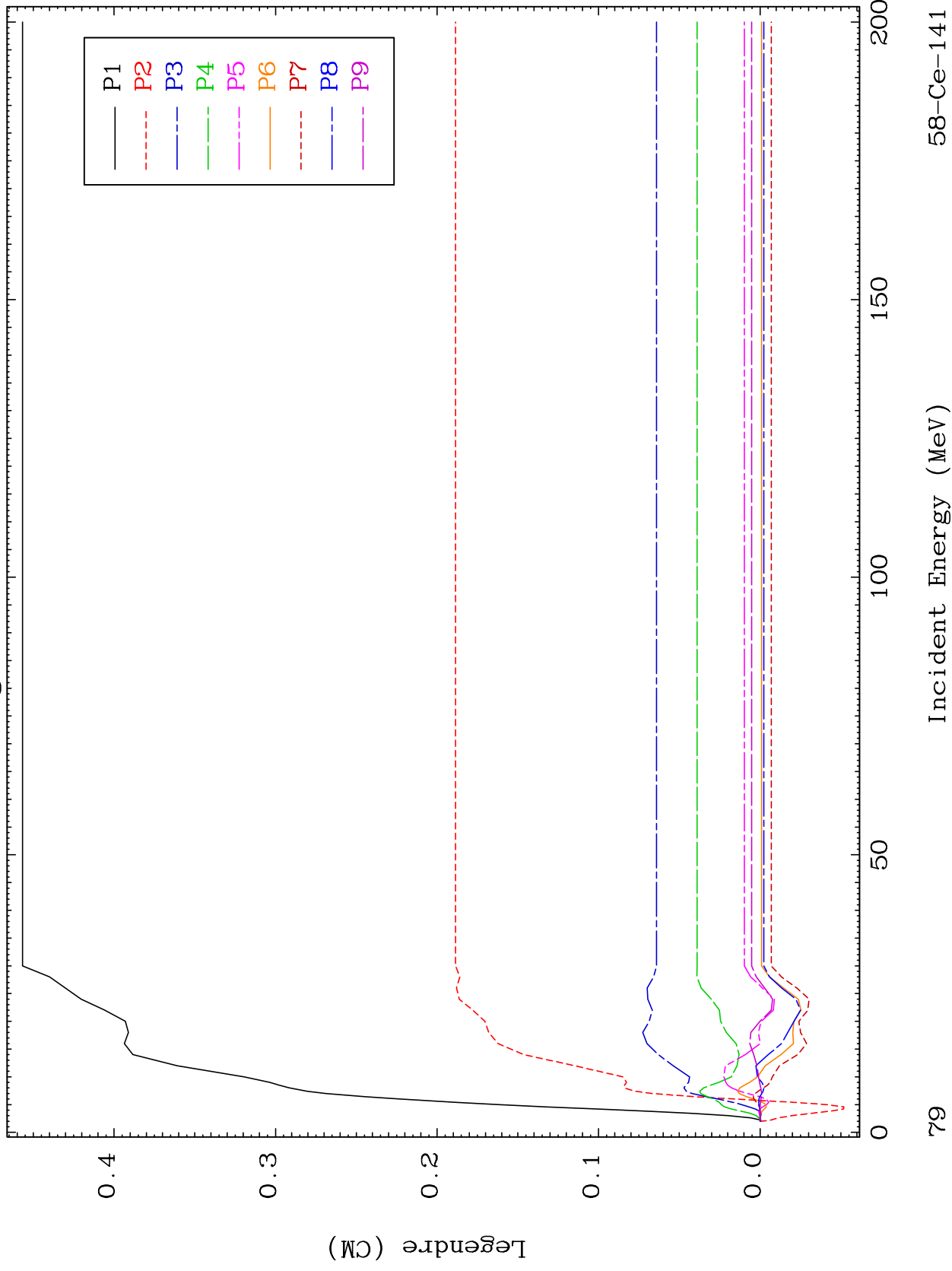
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



58-Ce-141

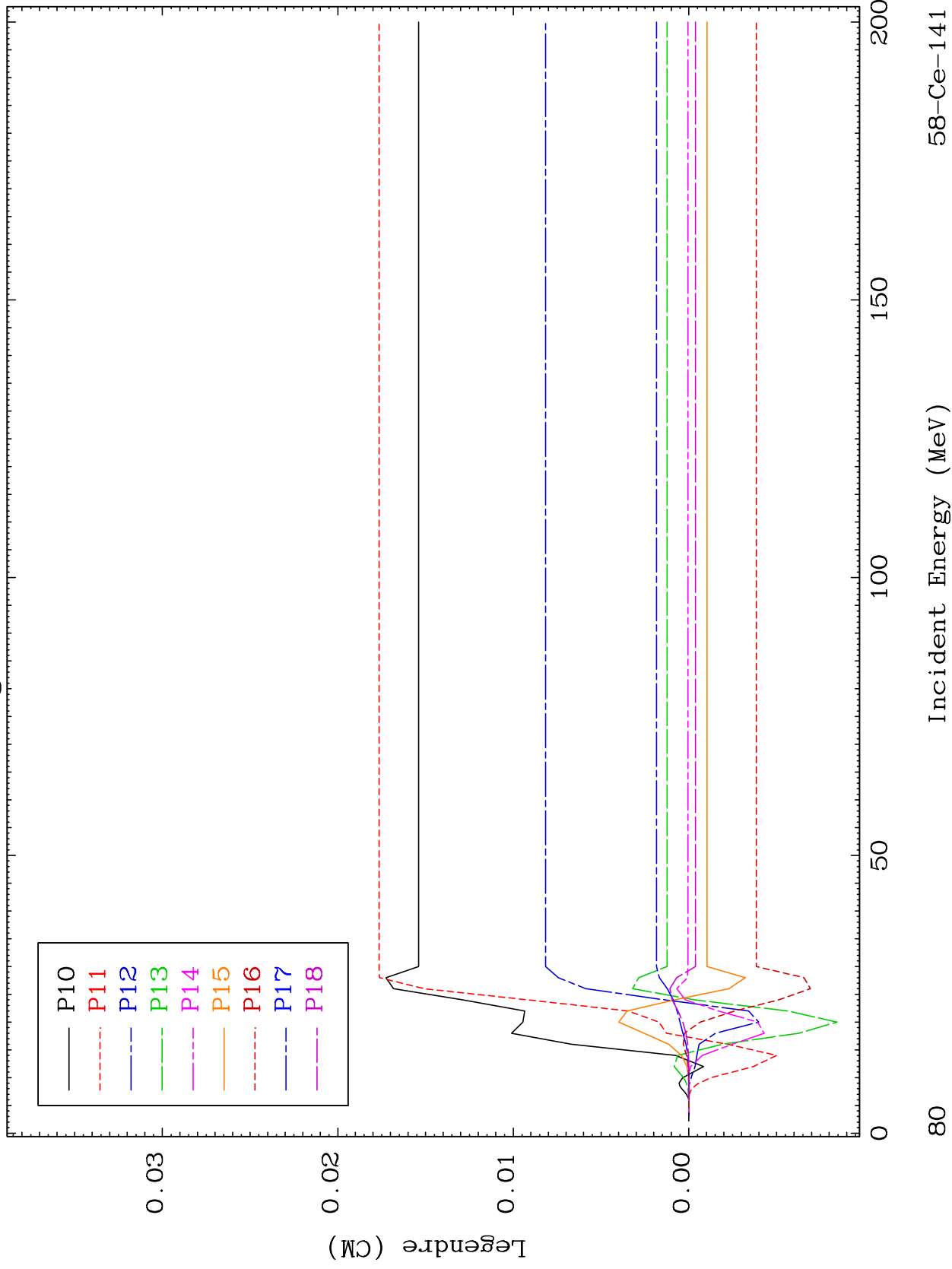
Incident Energy (MeV)

79

MAT 5840

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

58-Ce-141

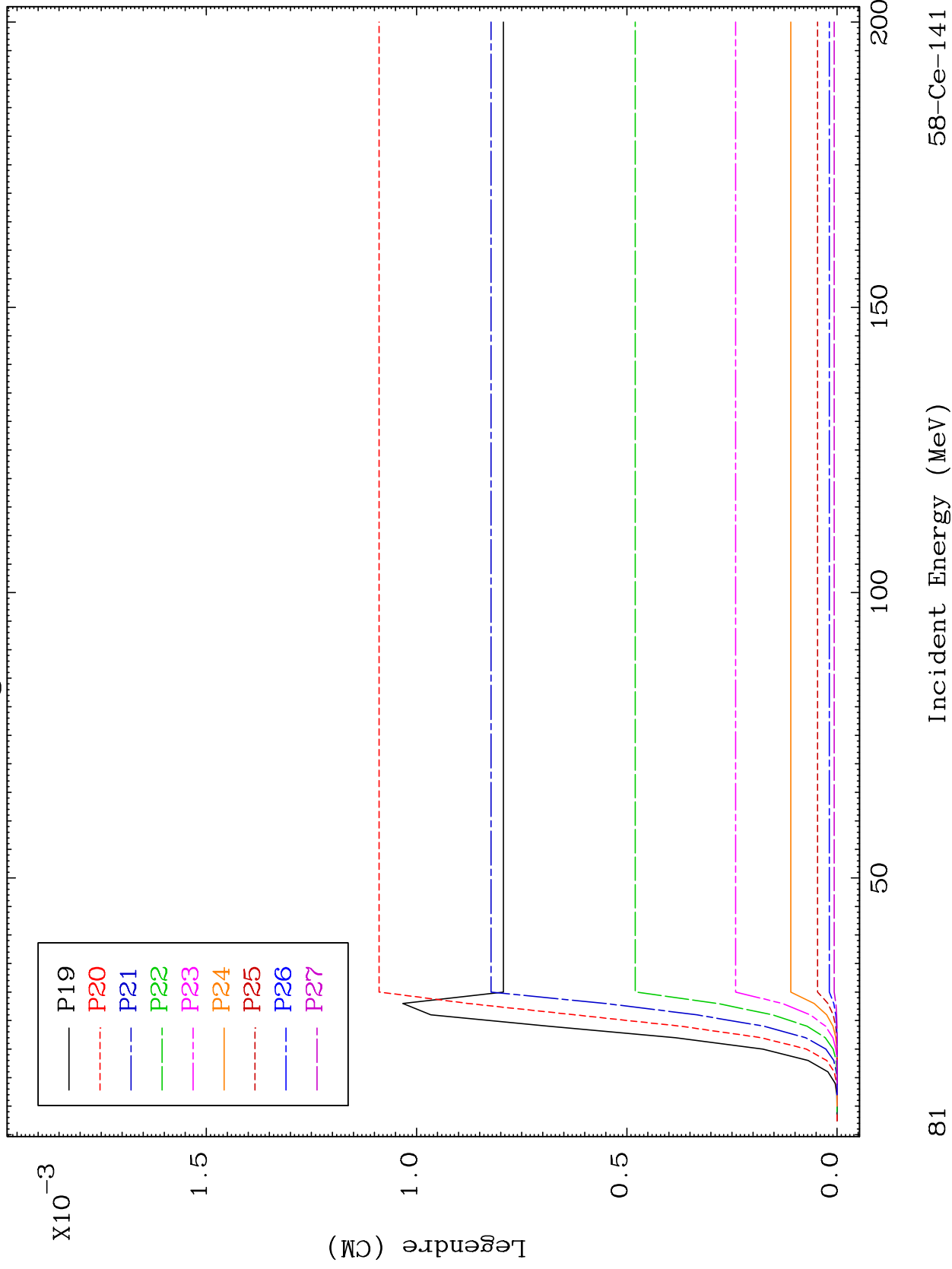


58-Ce-141

MAT 5840

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

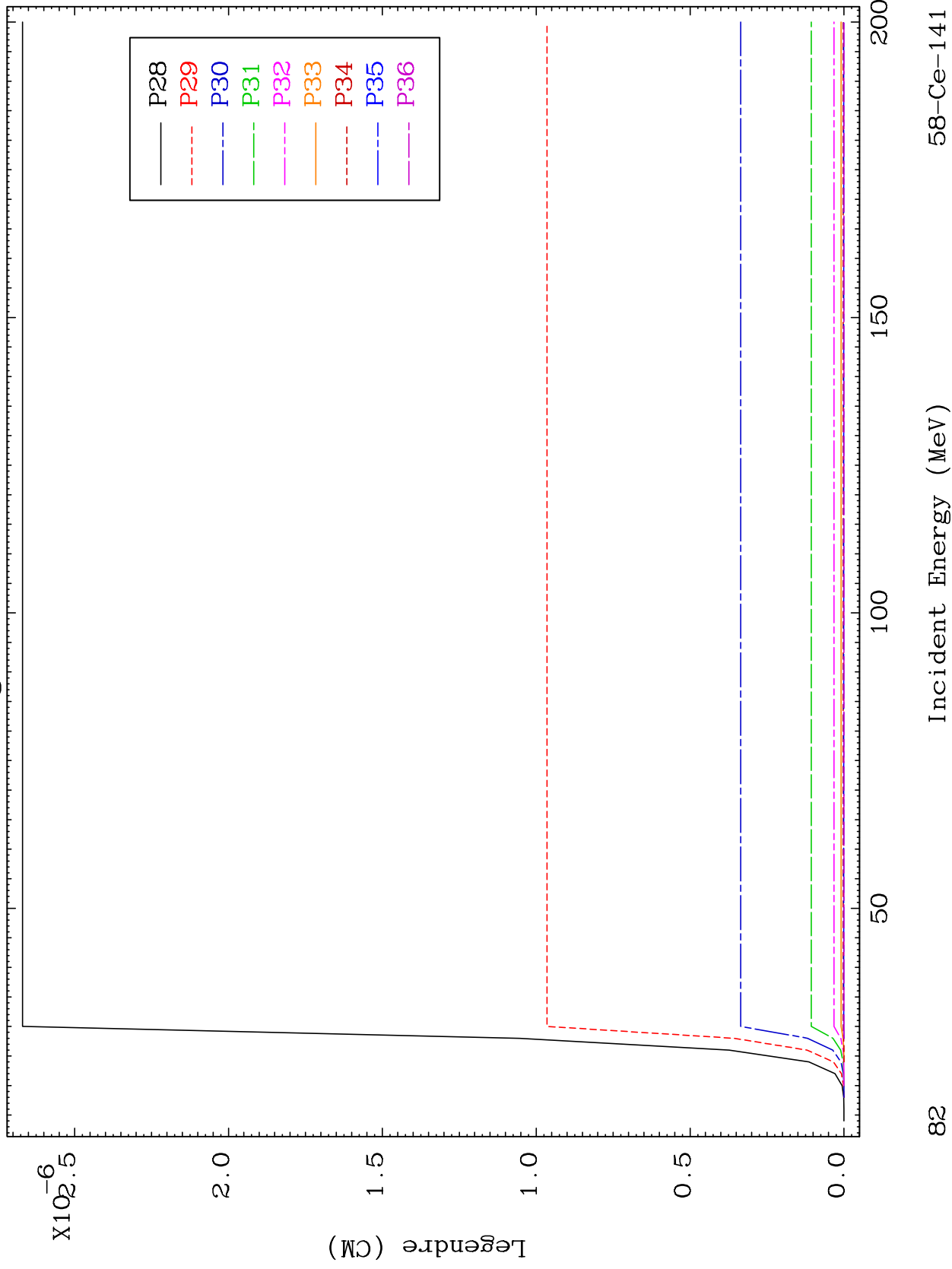
58-Ce-141



MAT 5840

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

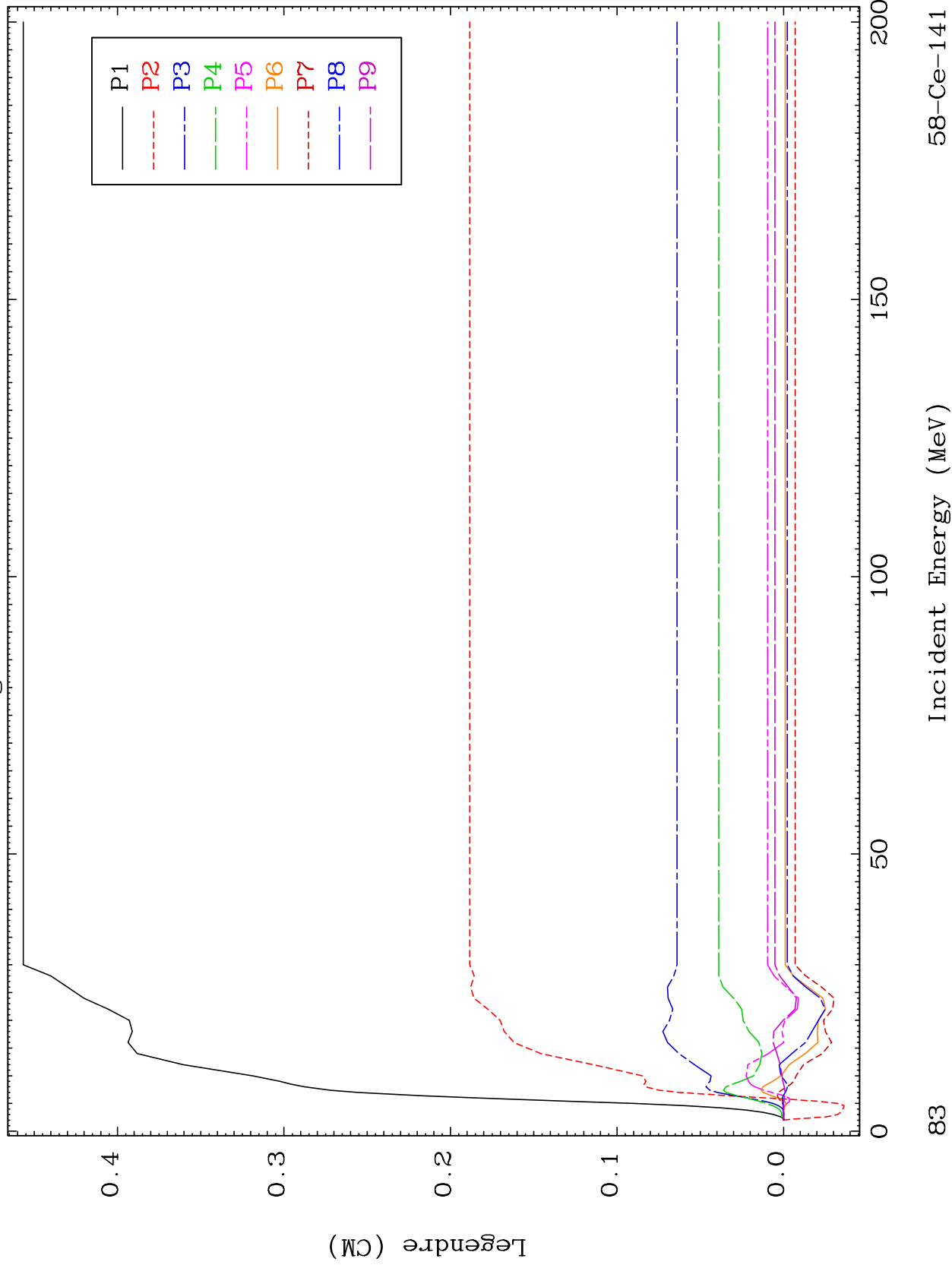
58-Ce-141



MAT 5840

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

58-Ce-141



58-Ce-141

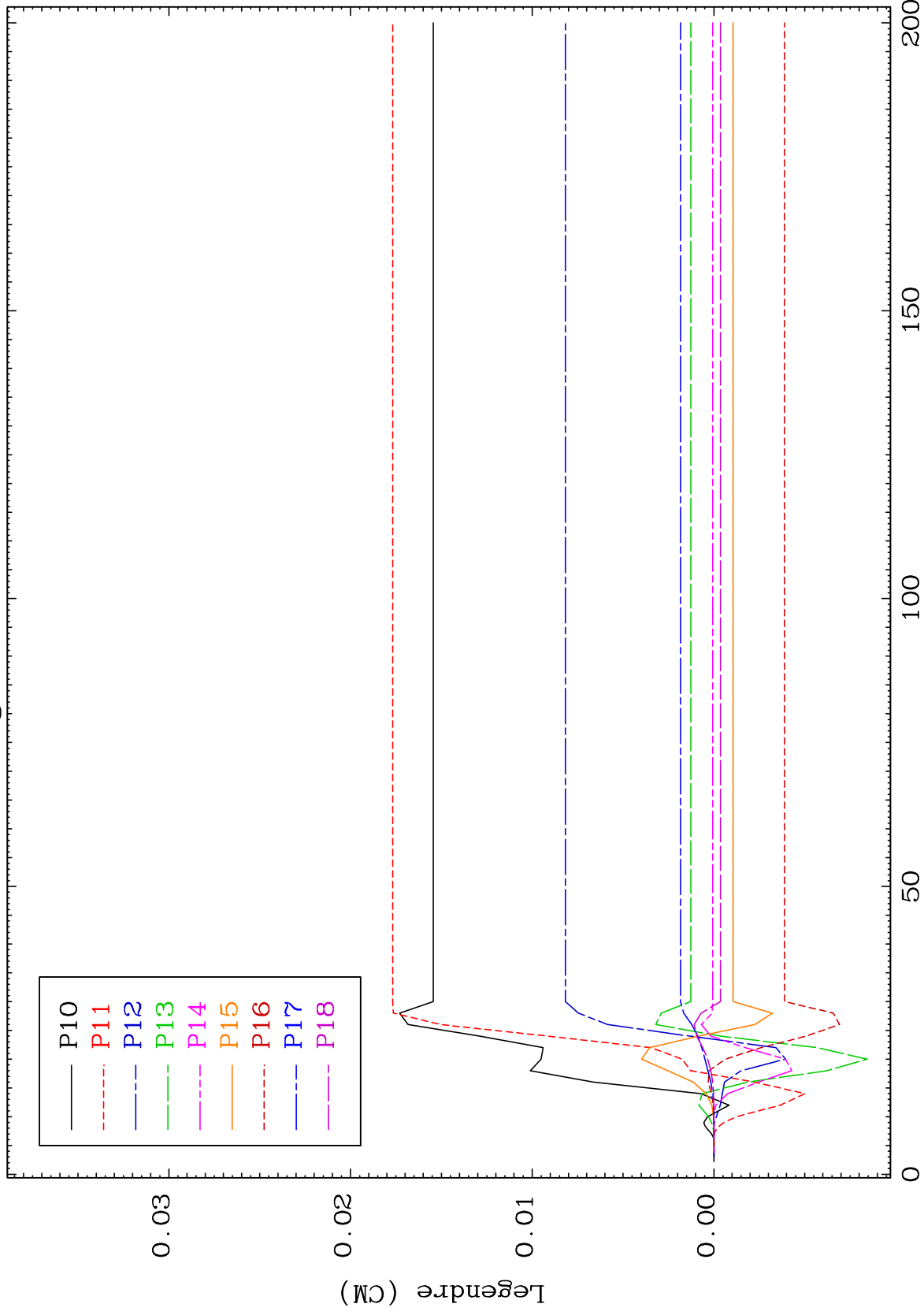
Incident Energy (MeV)

83

MAT 5840

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

58-Ce-141



84

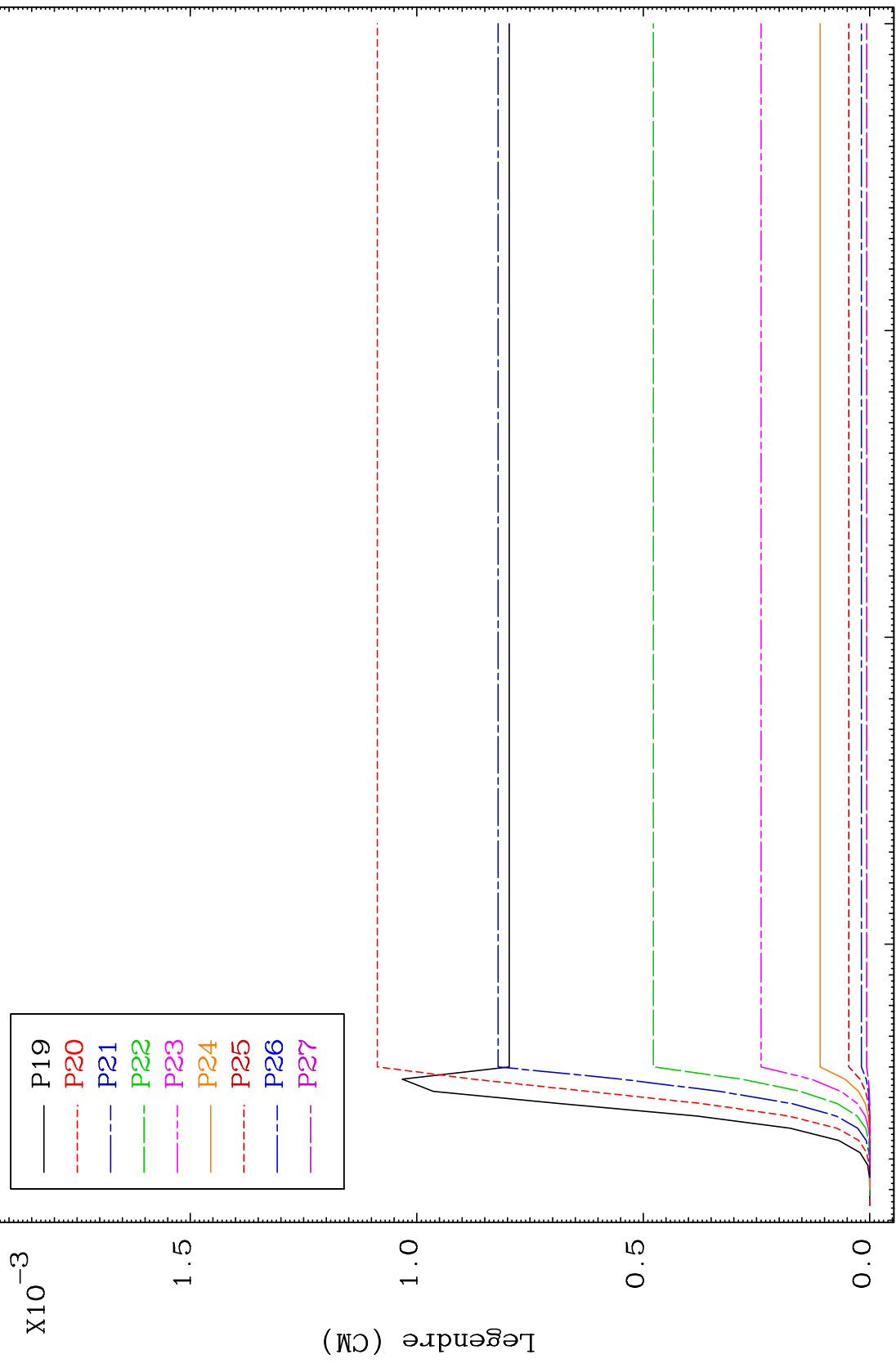
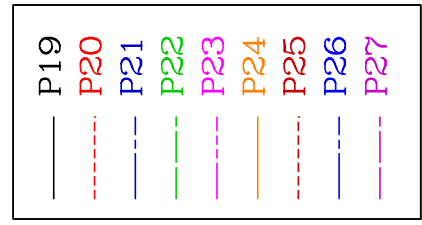
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



85

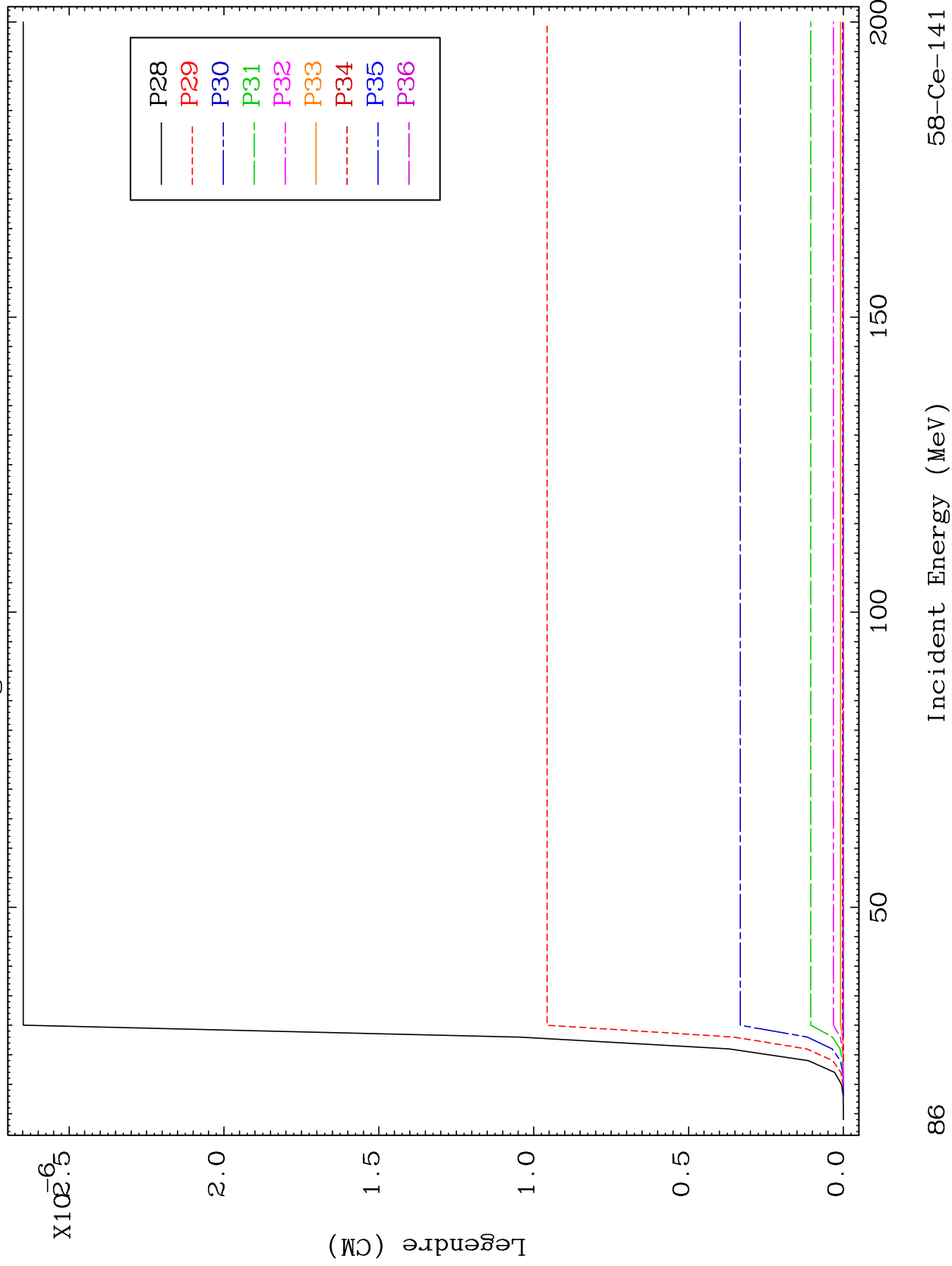
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

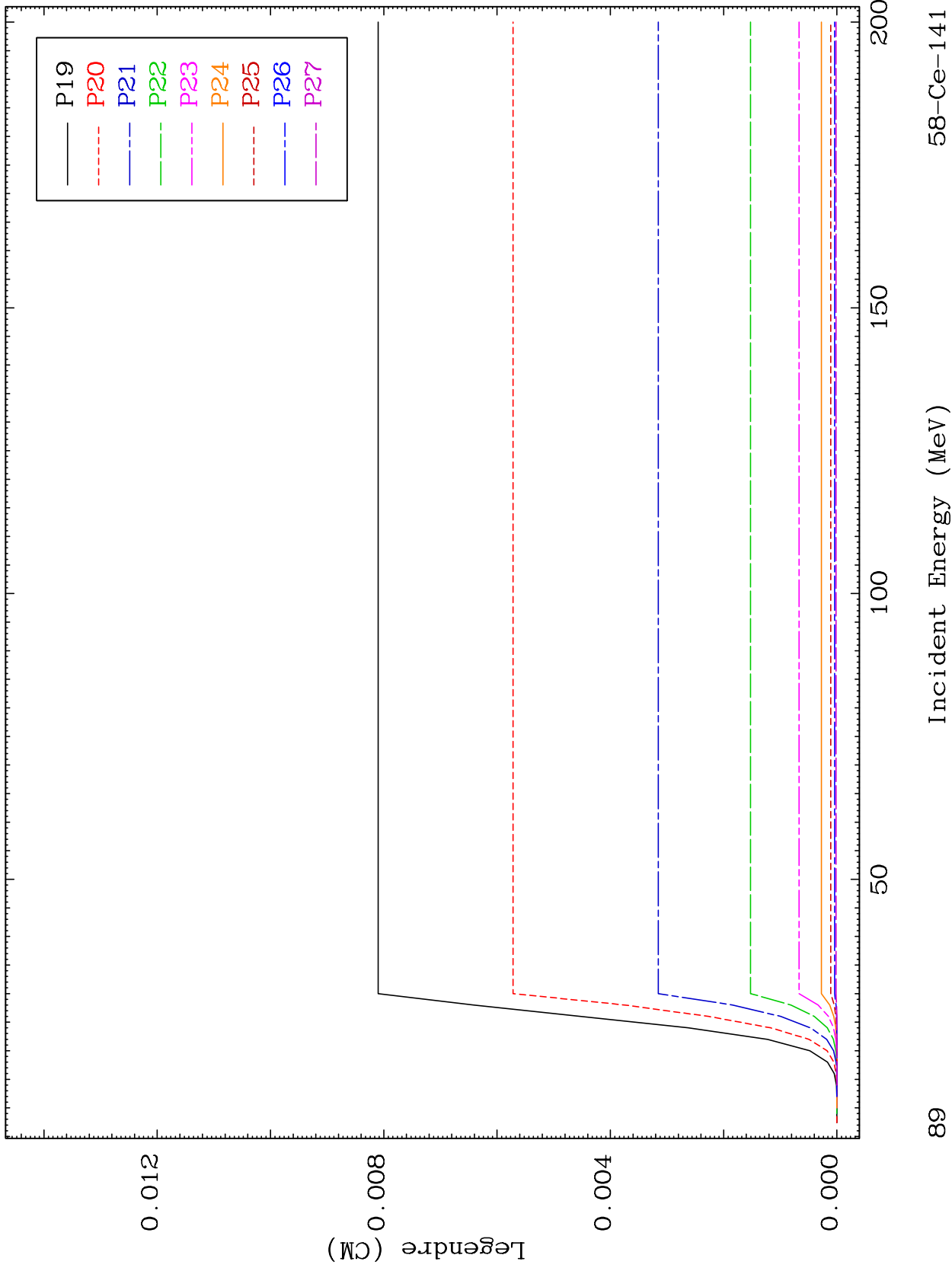
58-Ce-141



MAT 5840

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

58-Ce-141



89

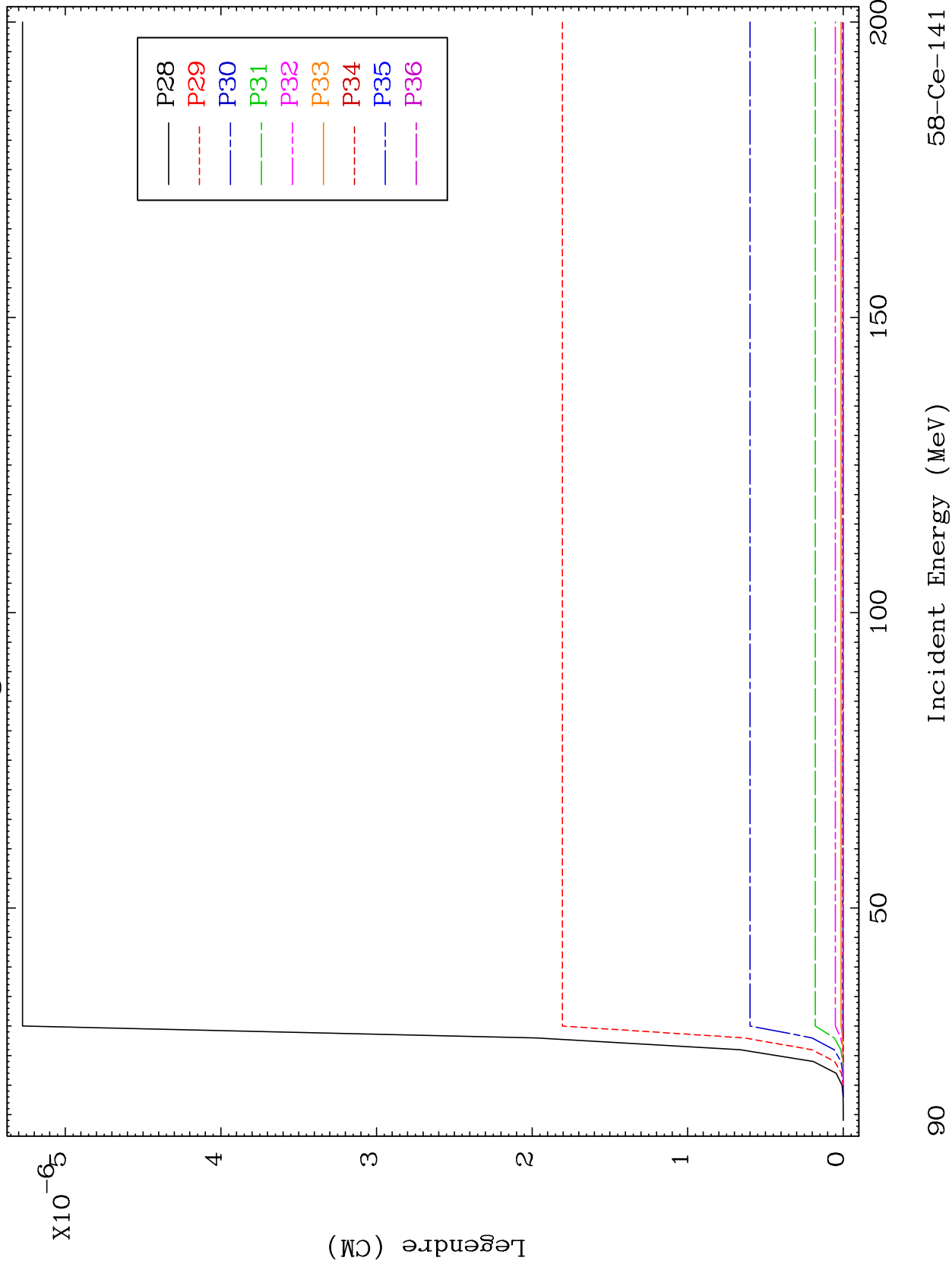
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

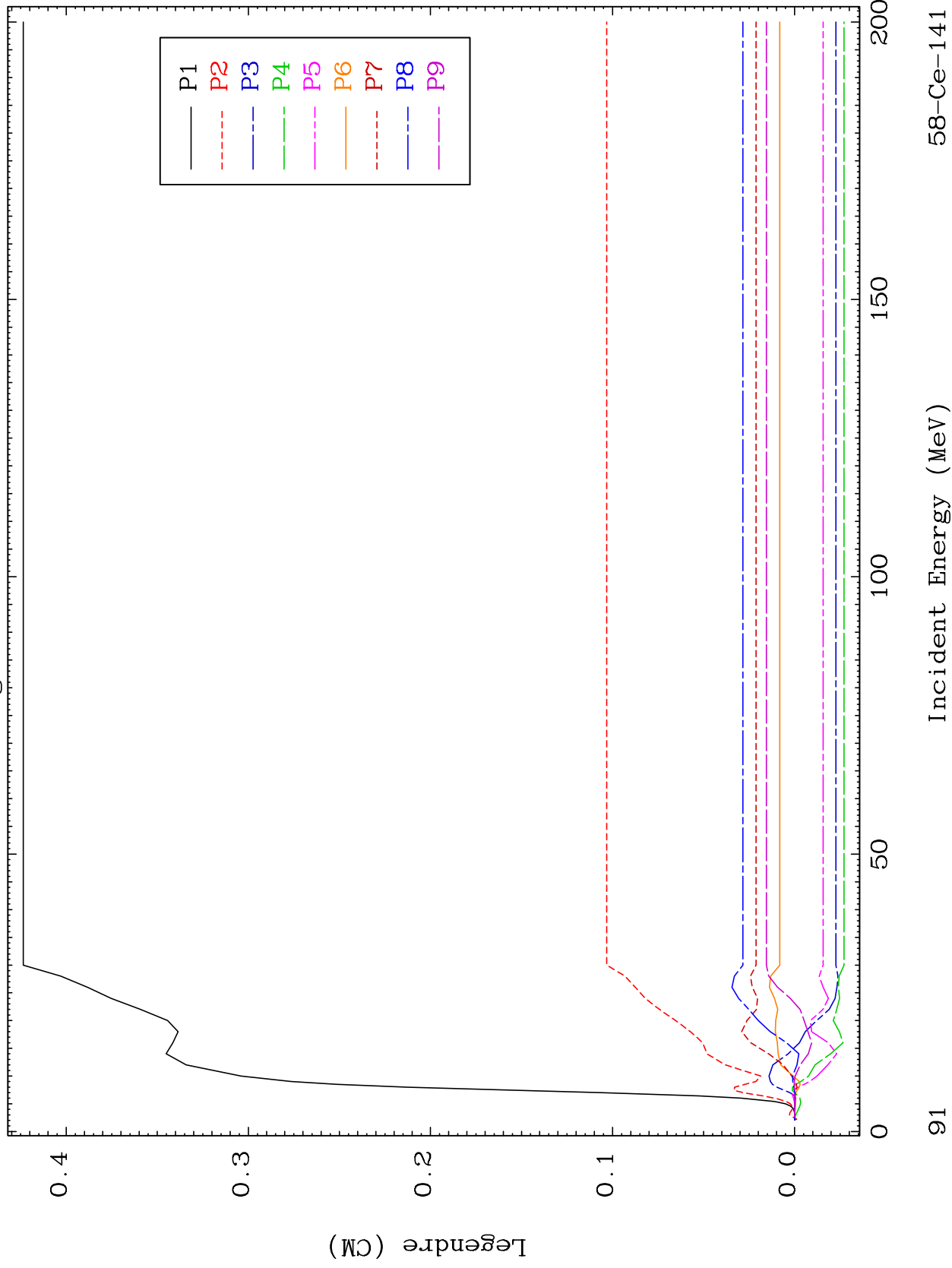
58-Ce-141



MAT 5840

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

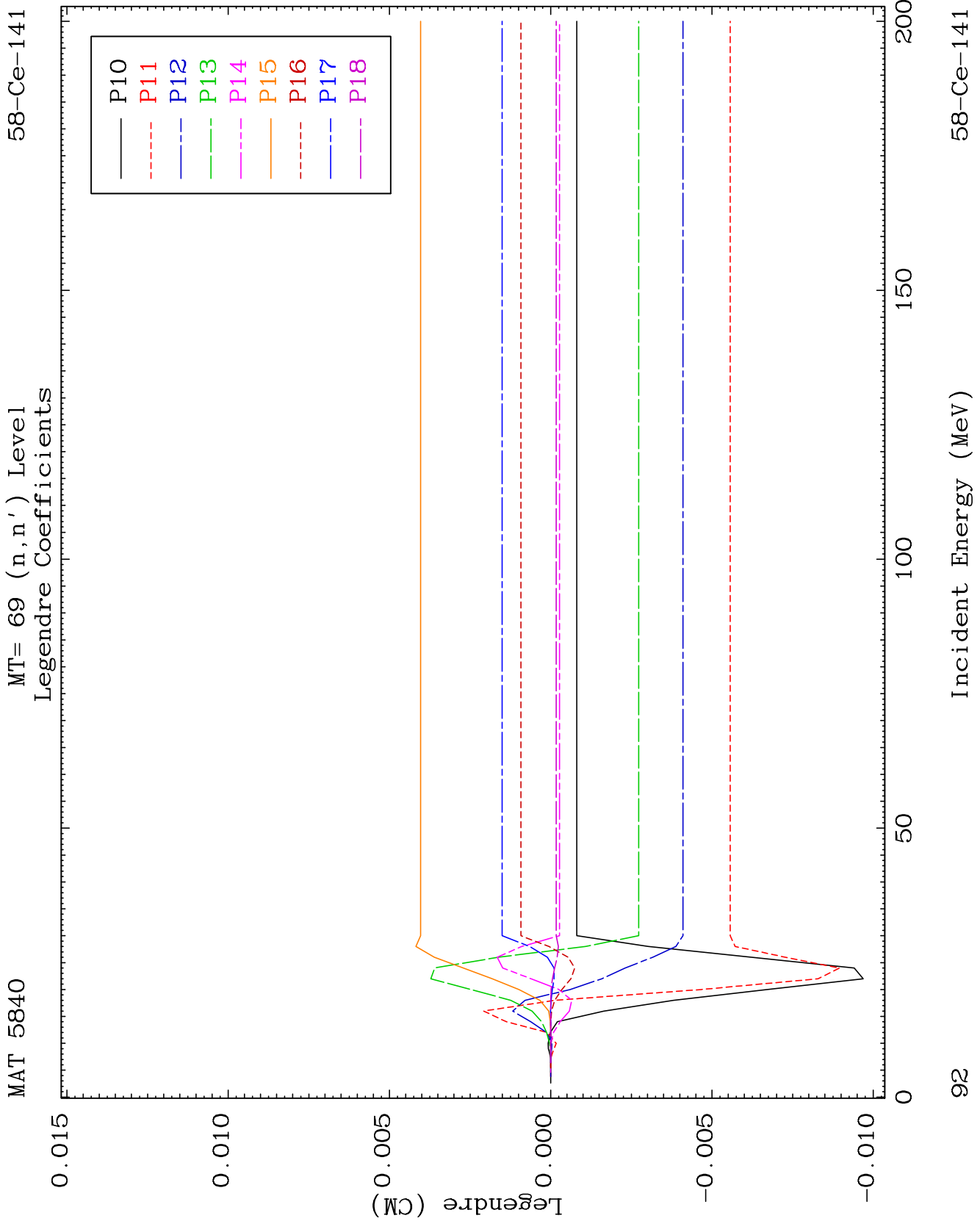
58-Ce-141

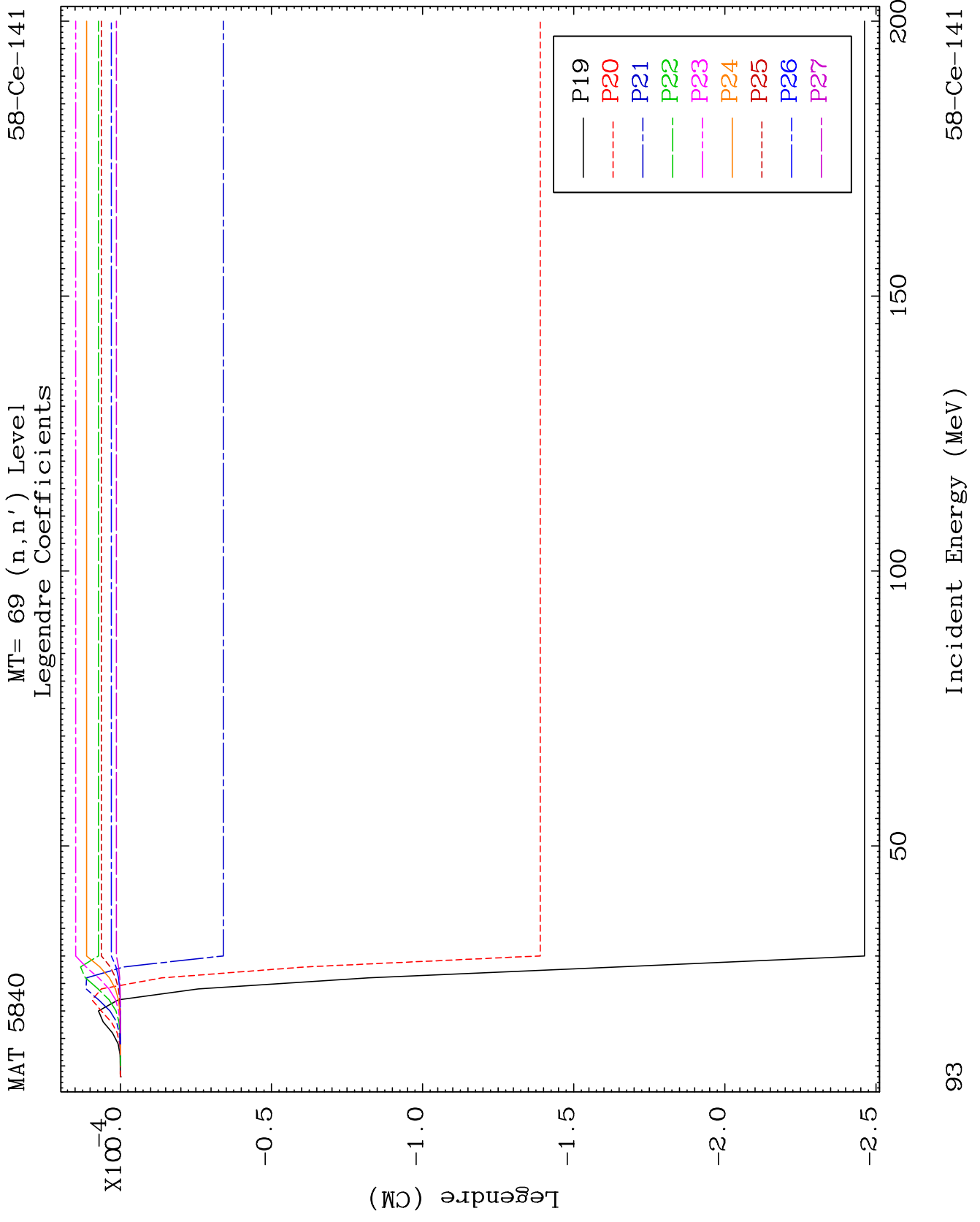


58-Ce-141

Incident Energy (MeV)

91

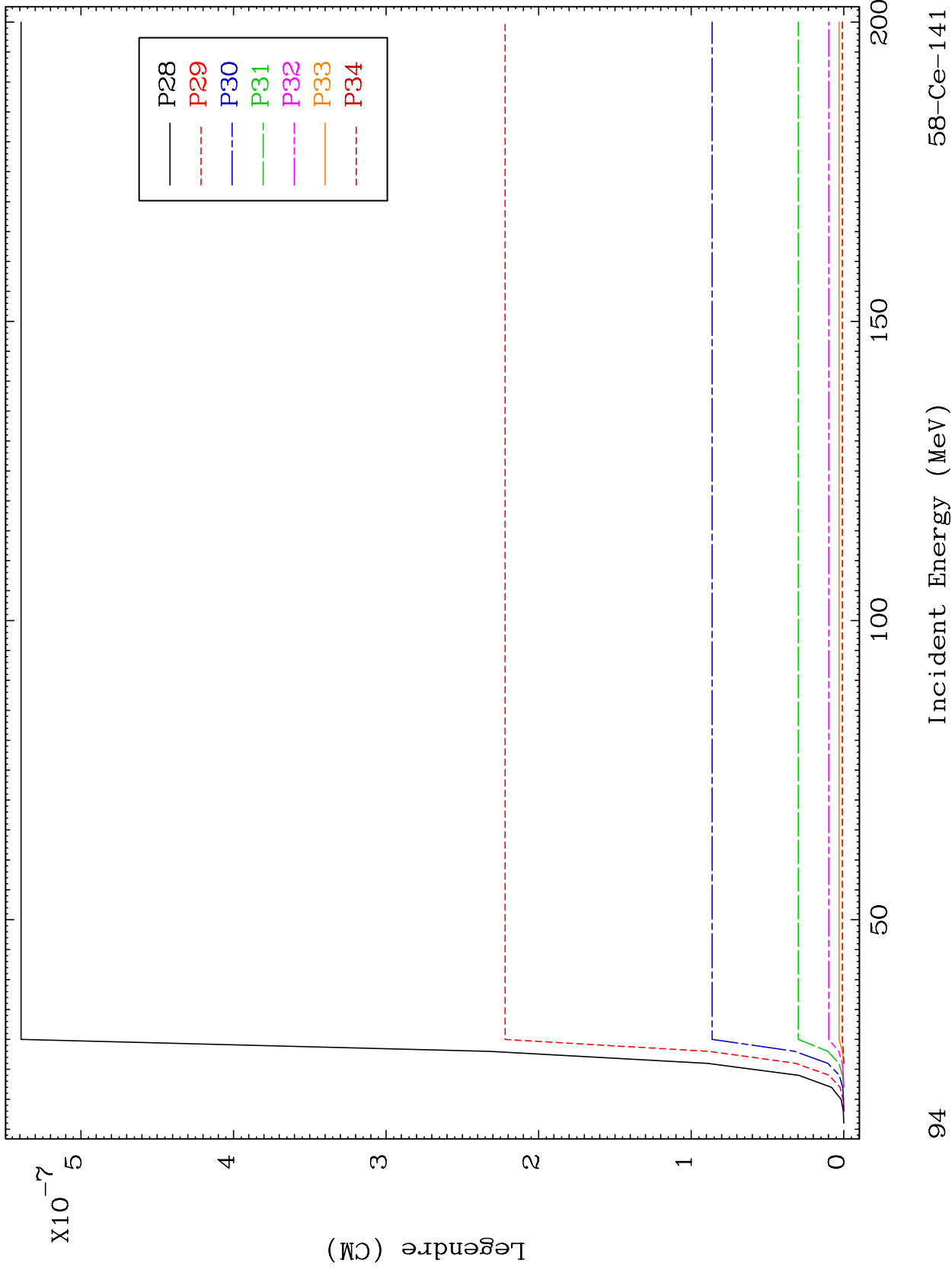




MAT 5840

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

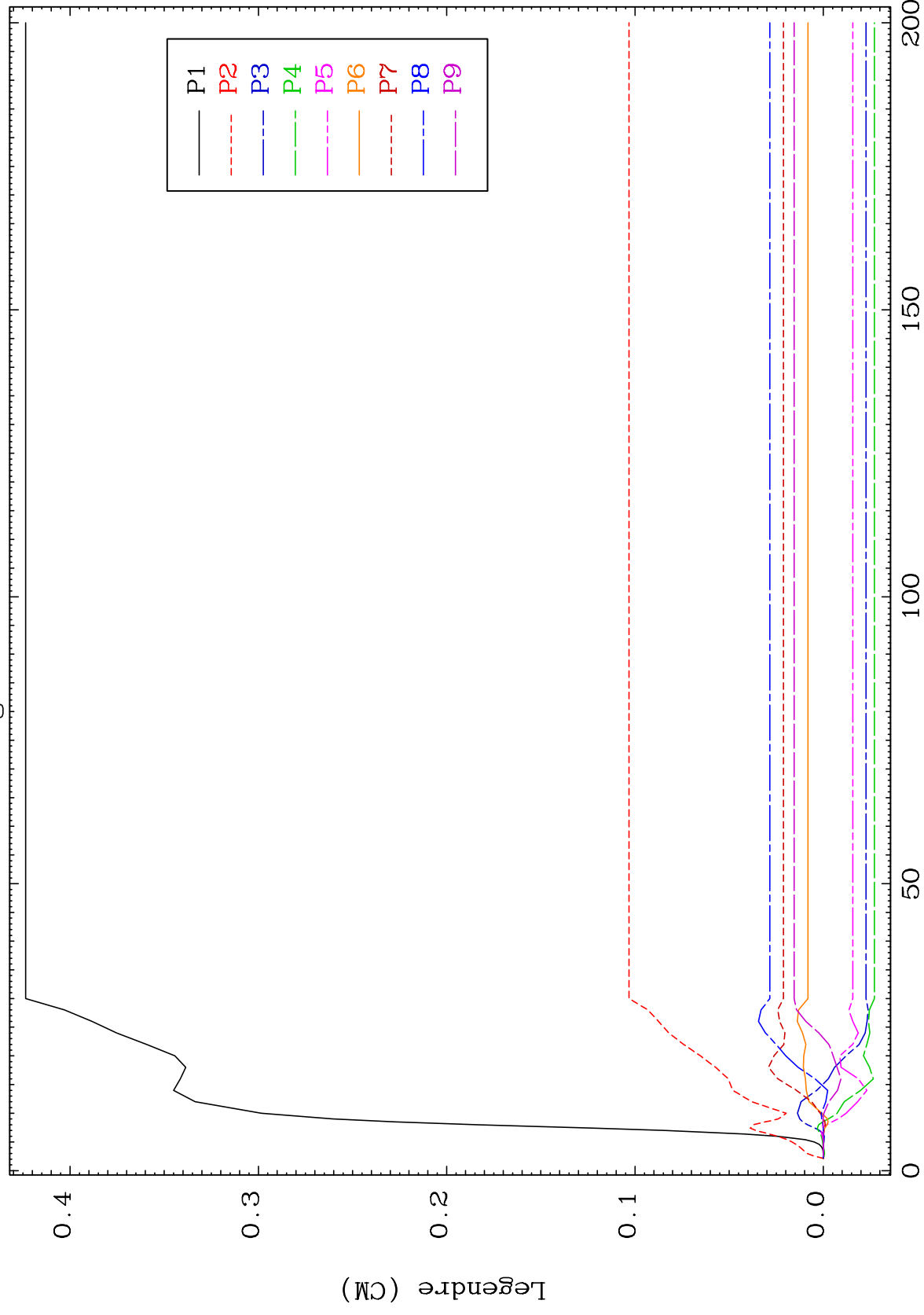
58-Ce-141



MAT 5840

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

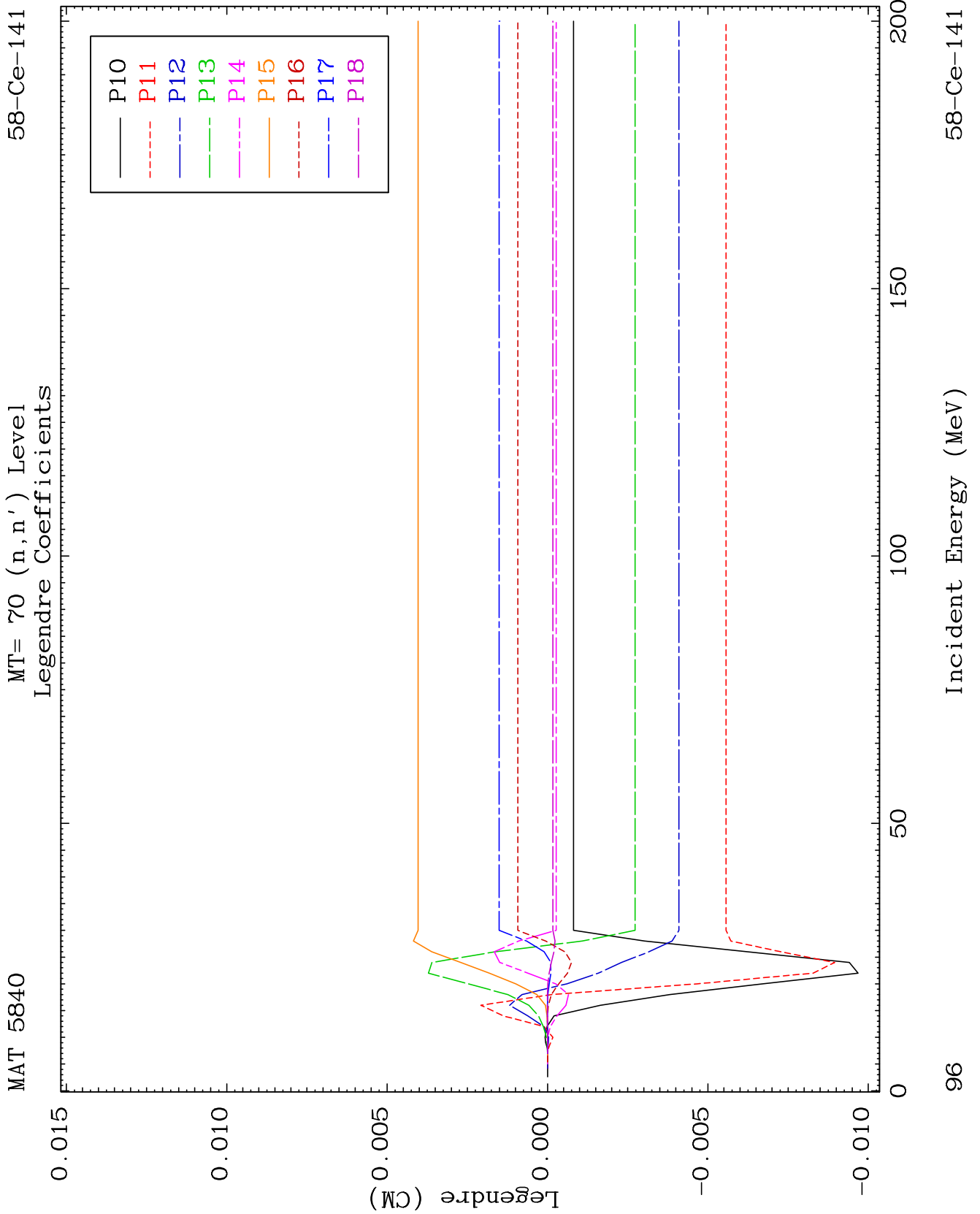
58-Ce-141

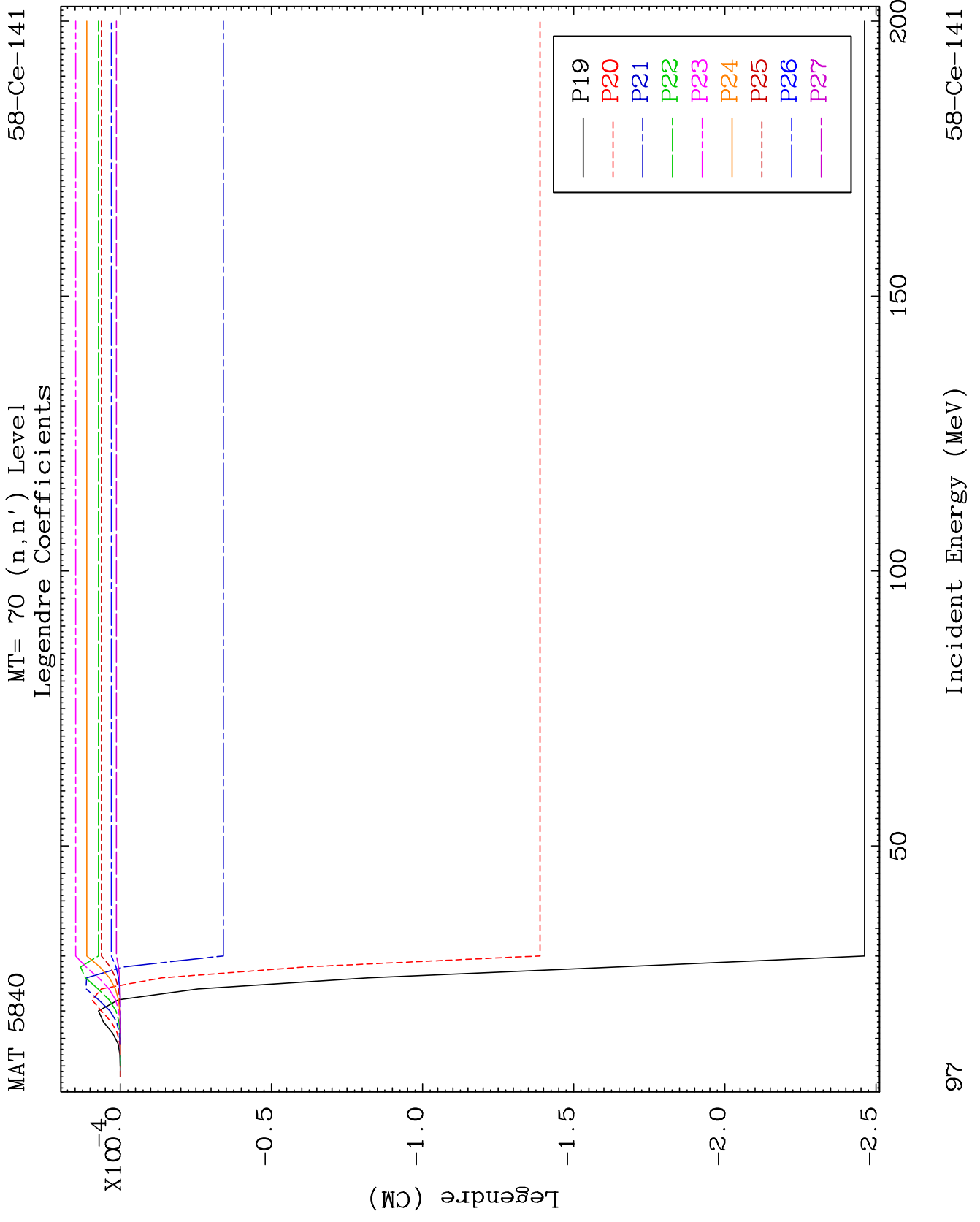


95

Incident Energy (MeV)

58-Ce-141

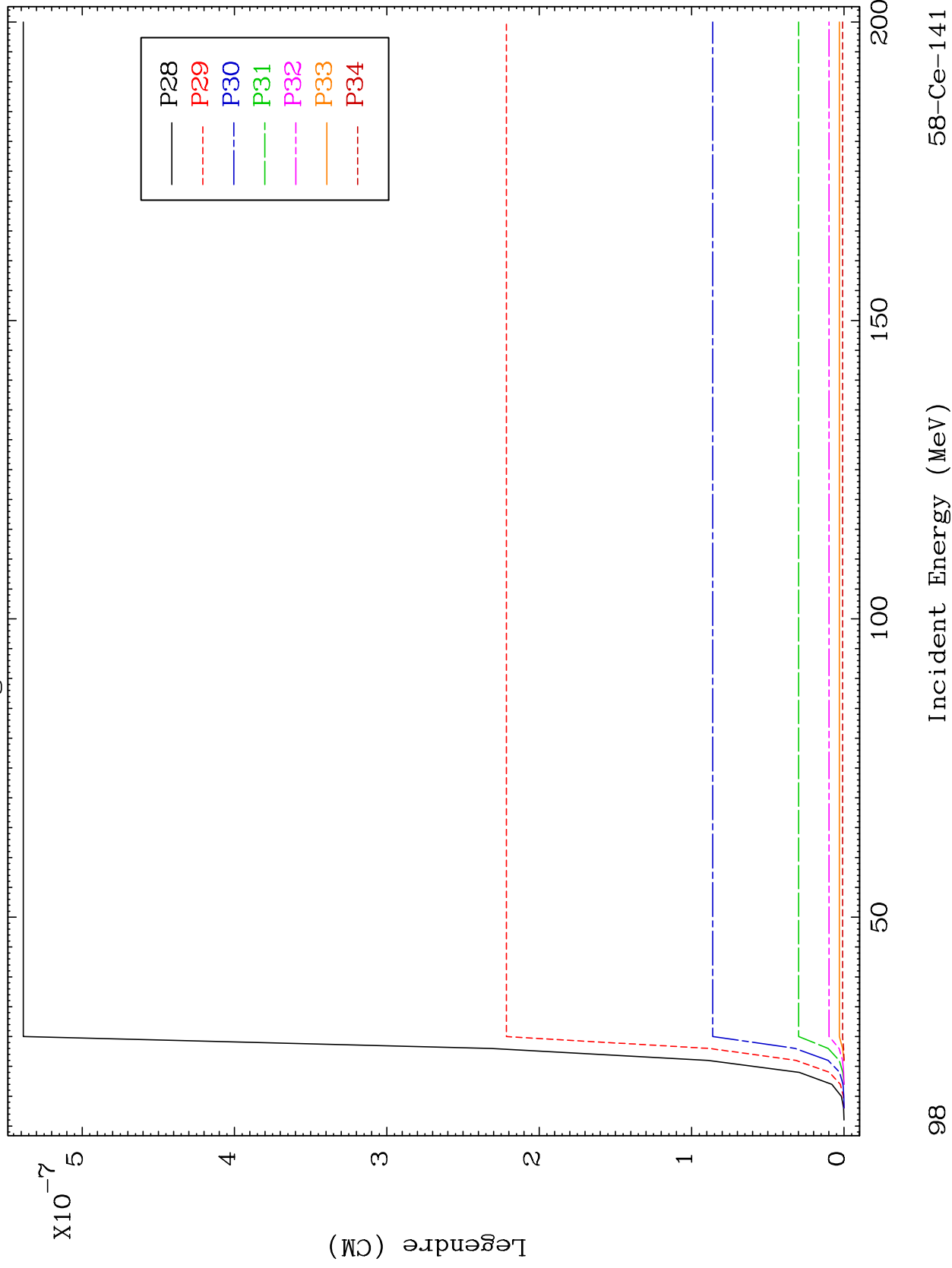




MAT 5840

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

58-Ce-141



98

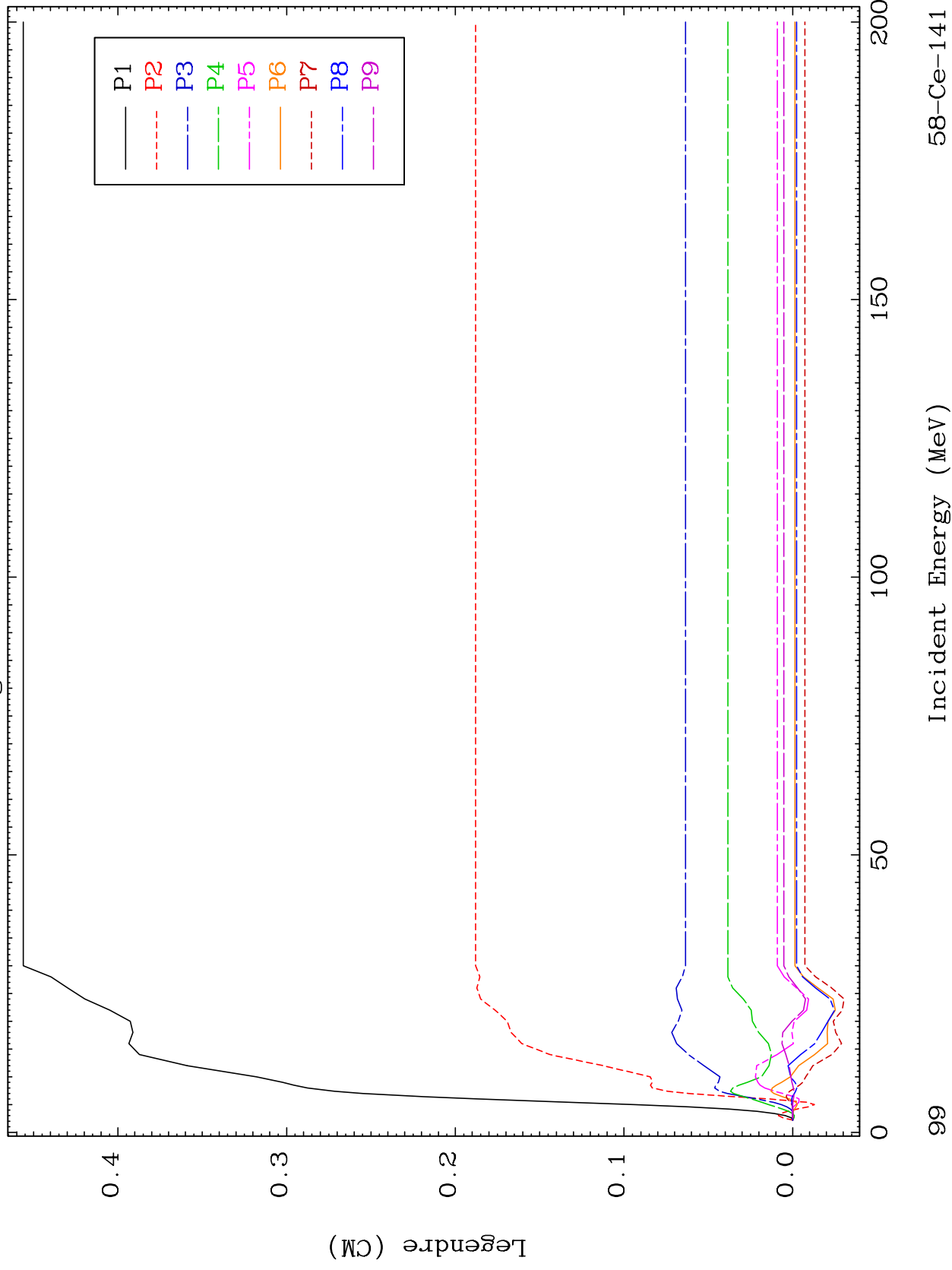
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



58-Ce-141

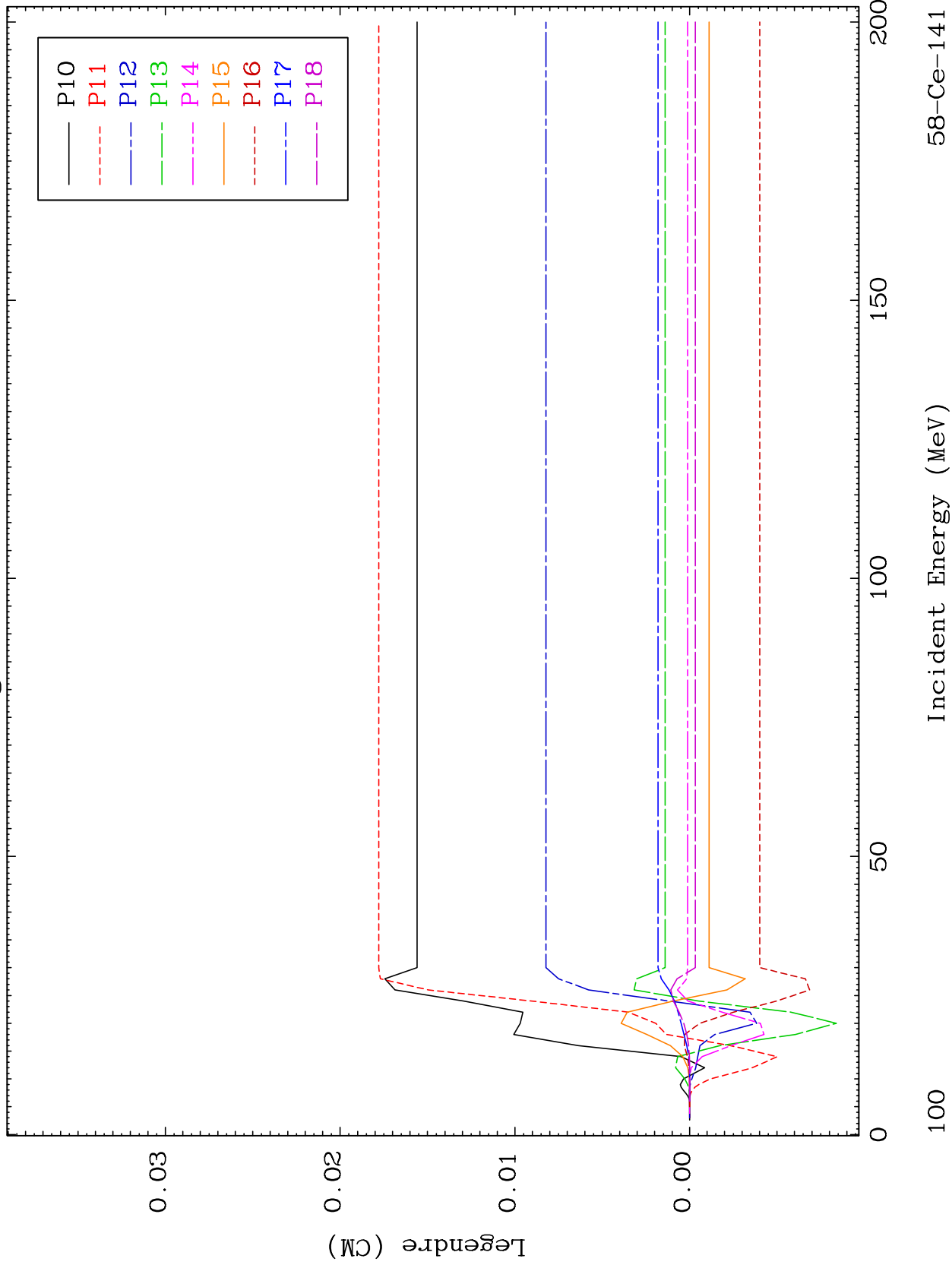
Incident Energy (MeV)

99

MAT 5840

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

58-Ce-141

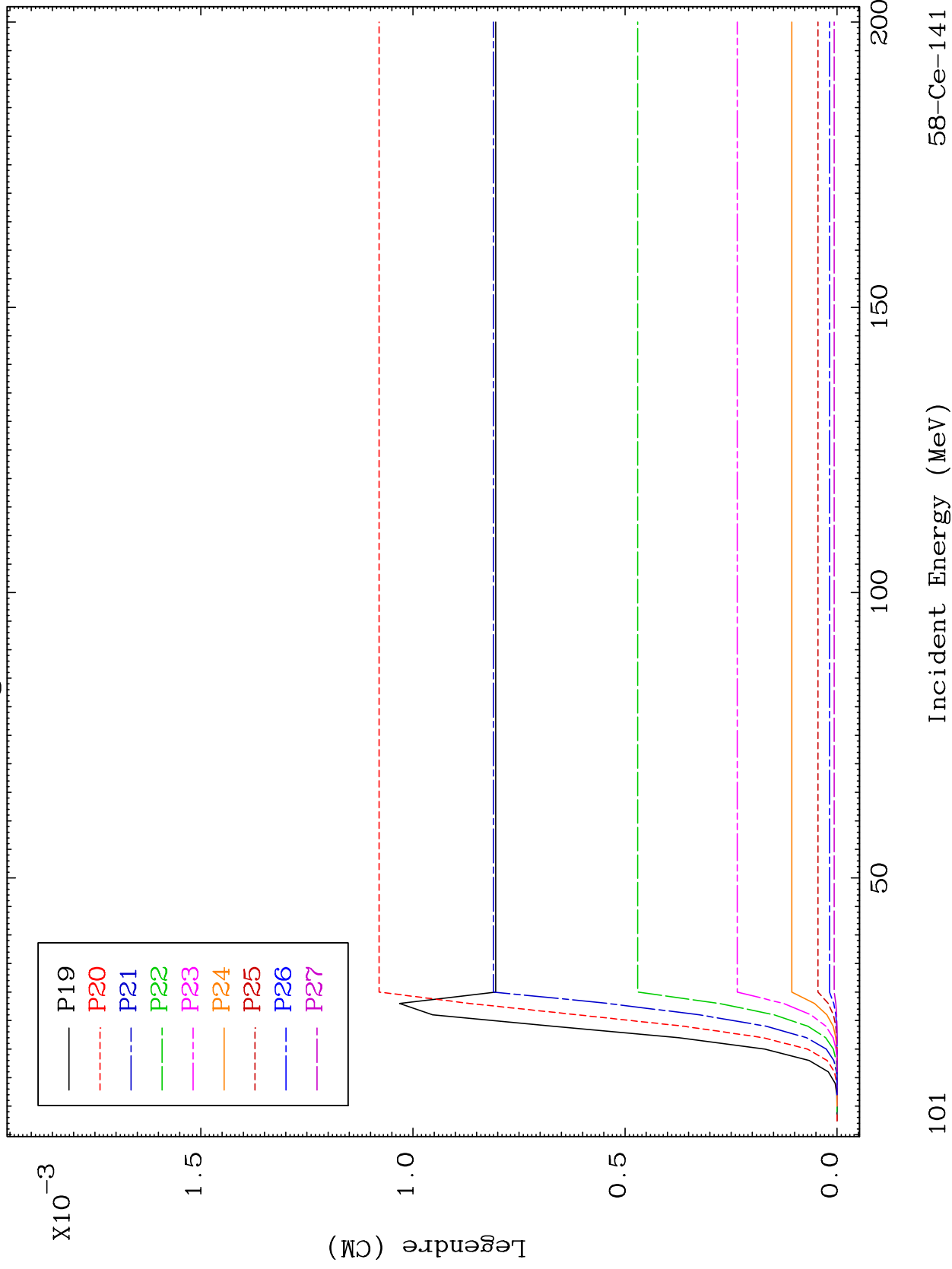


58-Ce-141

MAT 5840

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

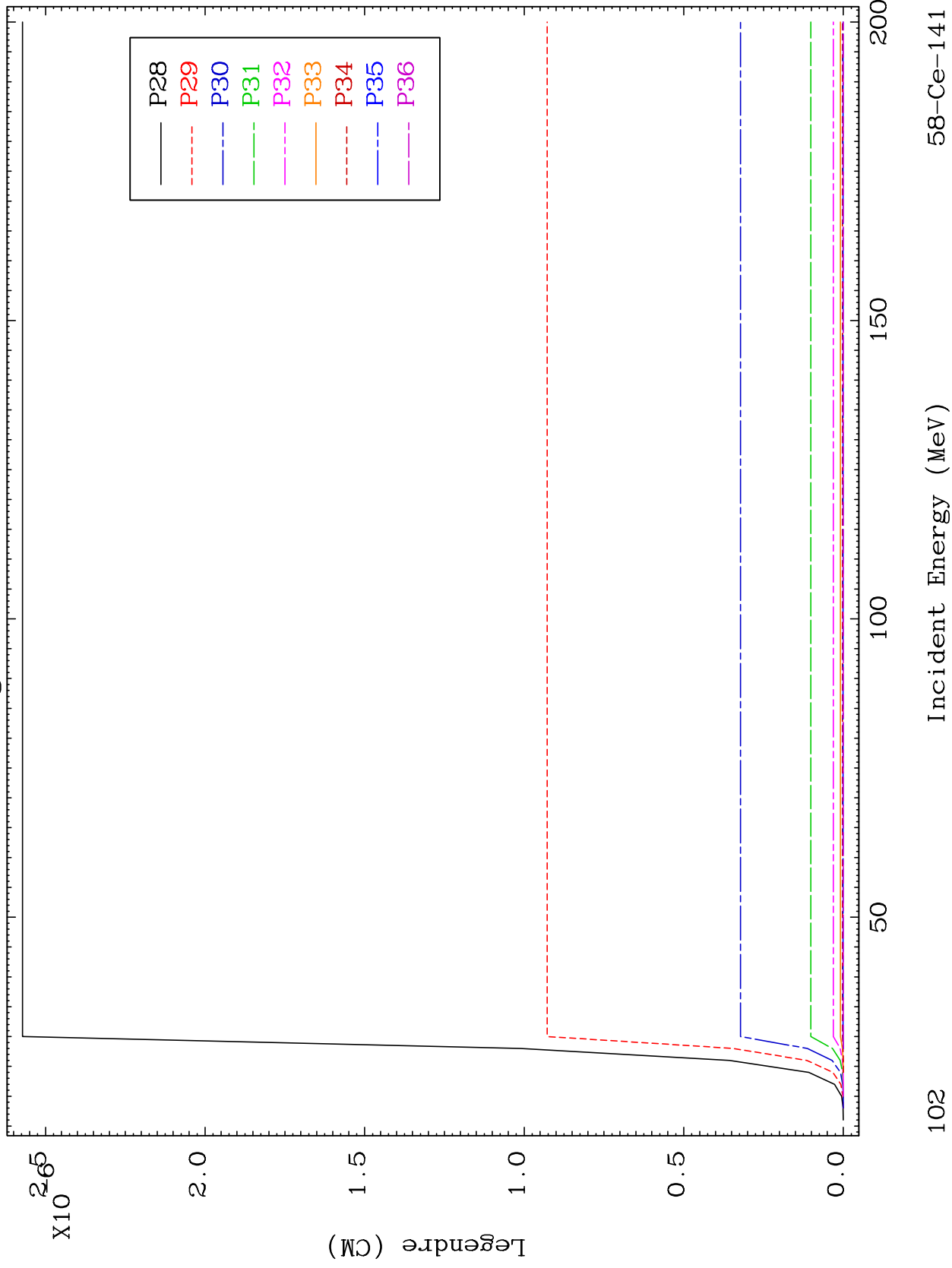
58-Ce-141



MAT 5840

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

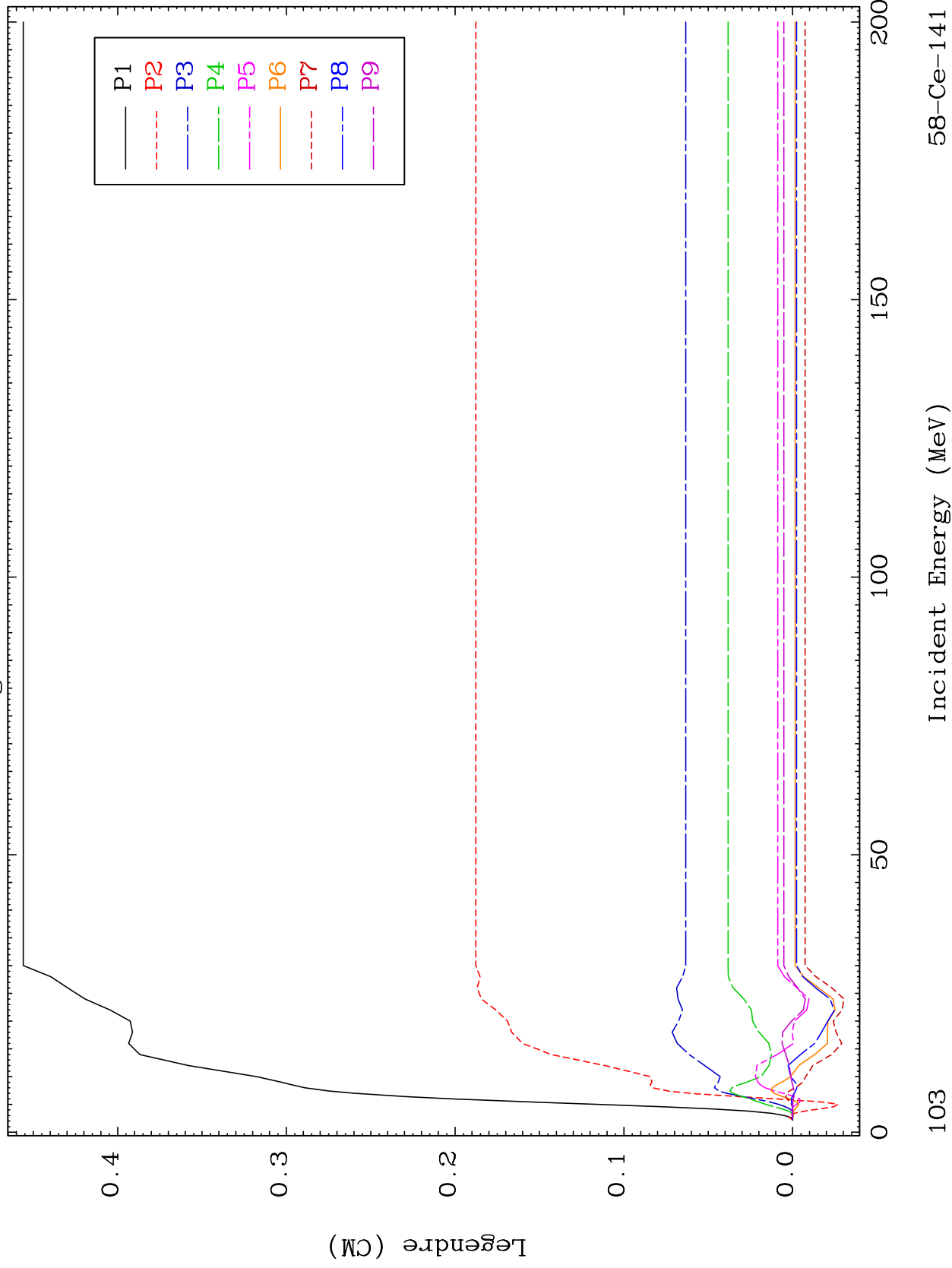
58-Ce-141



MAT 5840

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

58-Ce-141



58-Ce-141

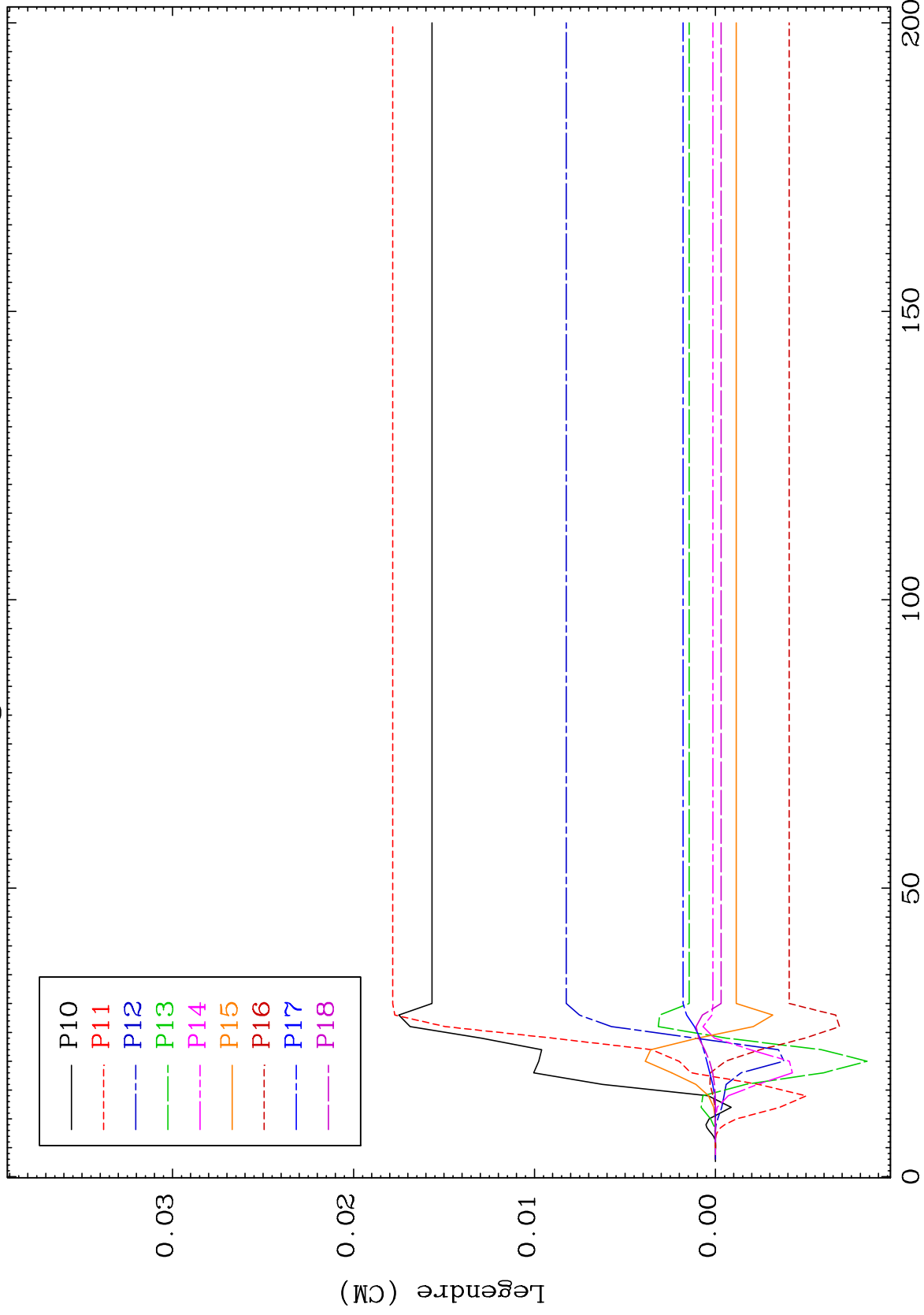
Incident Energy (MeV)

103

MAT 5840

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

58-Ce-141



104

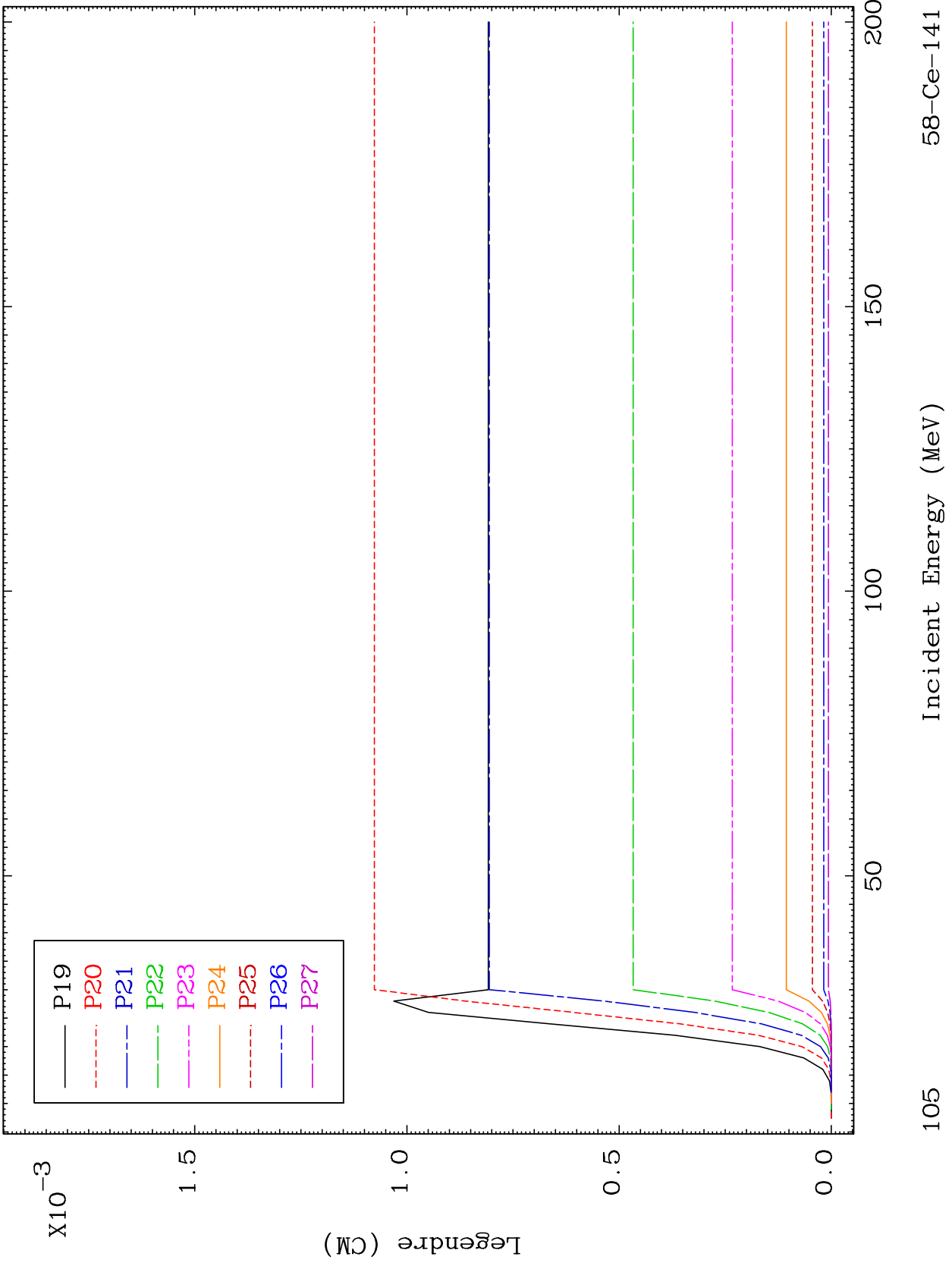
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



105

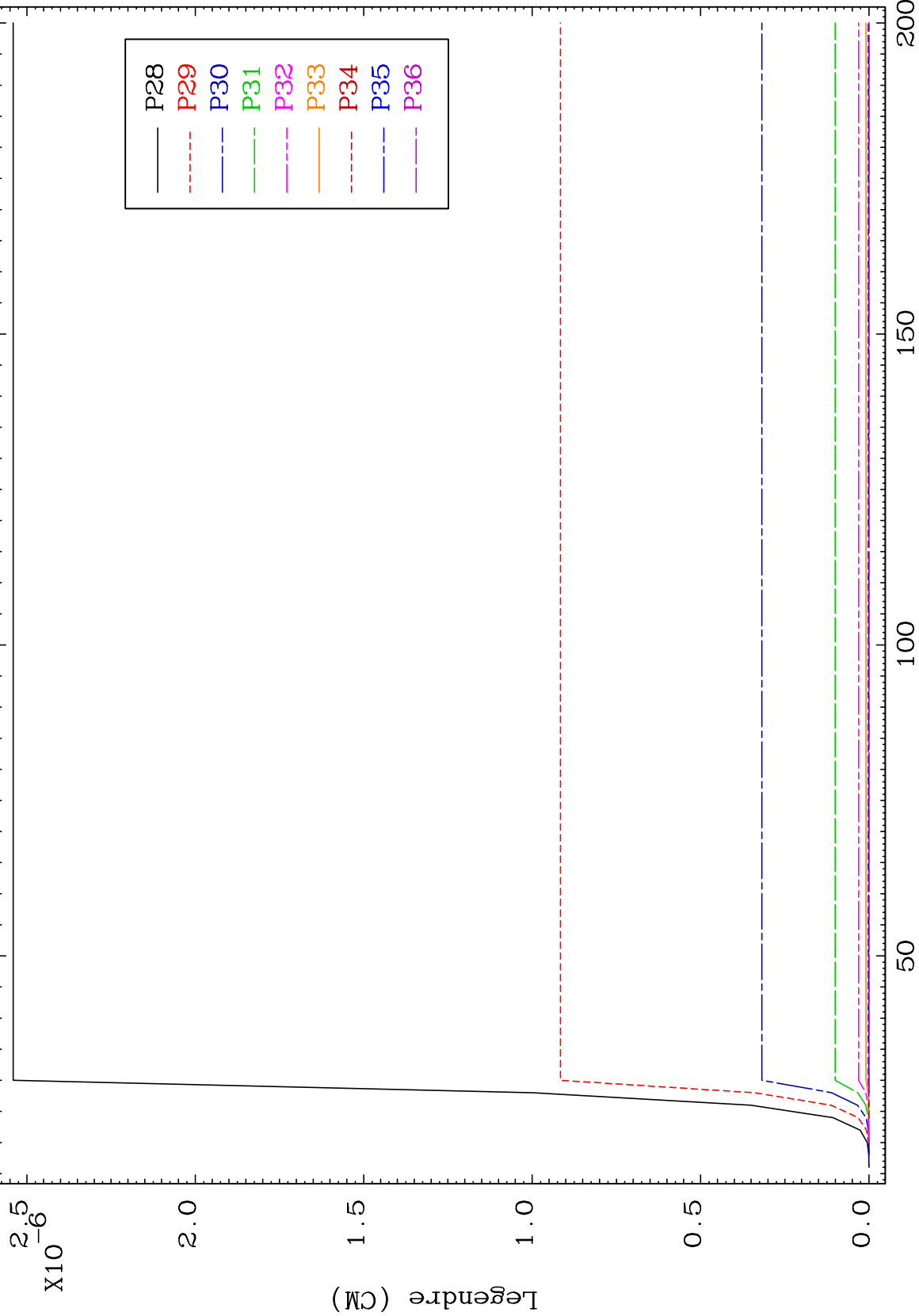
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



106

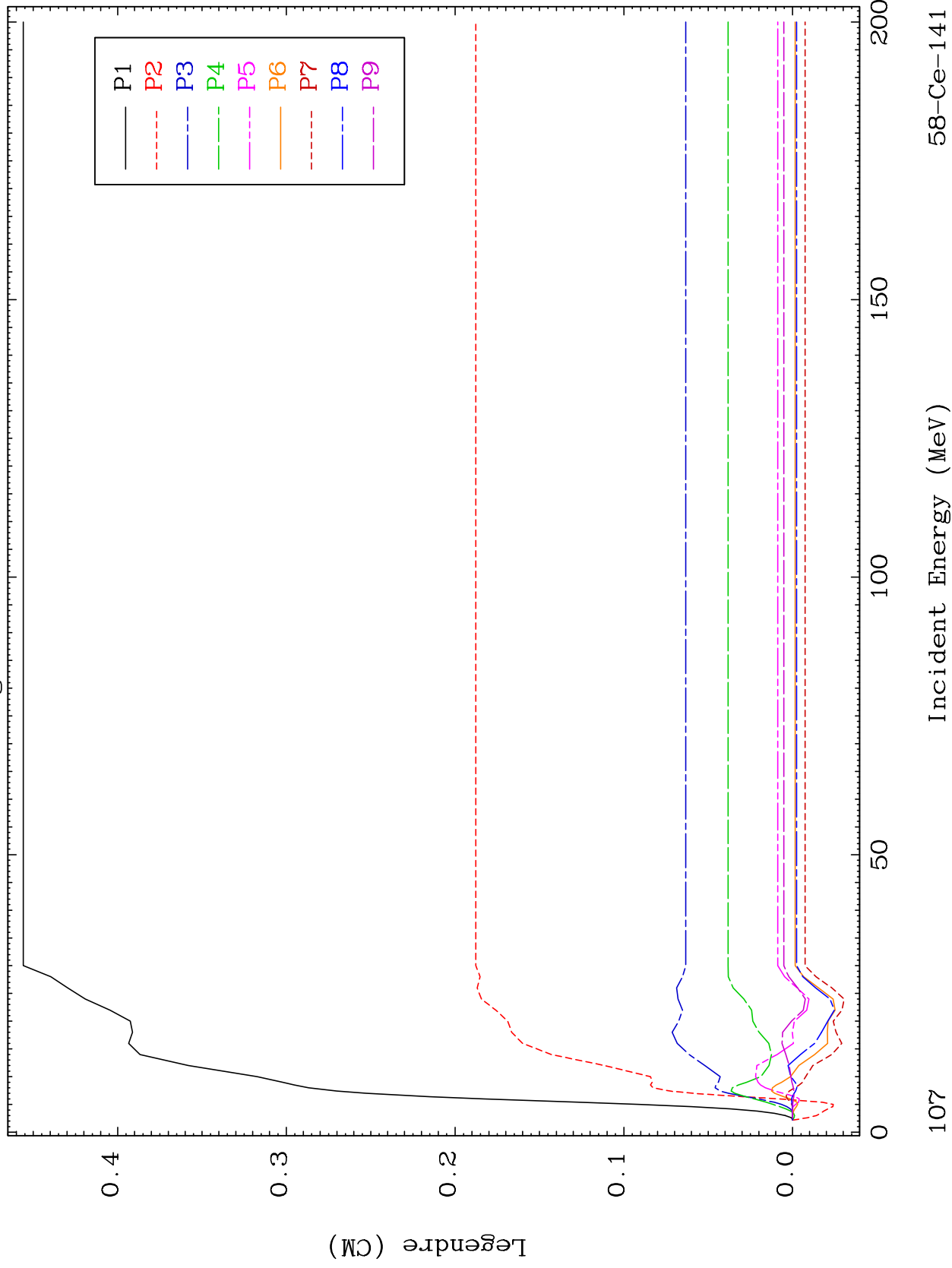
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



58-Ce-141

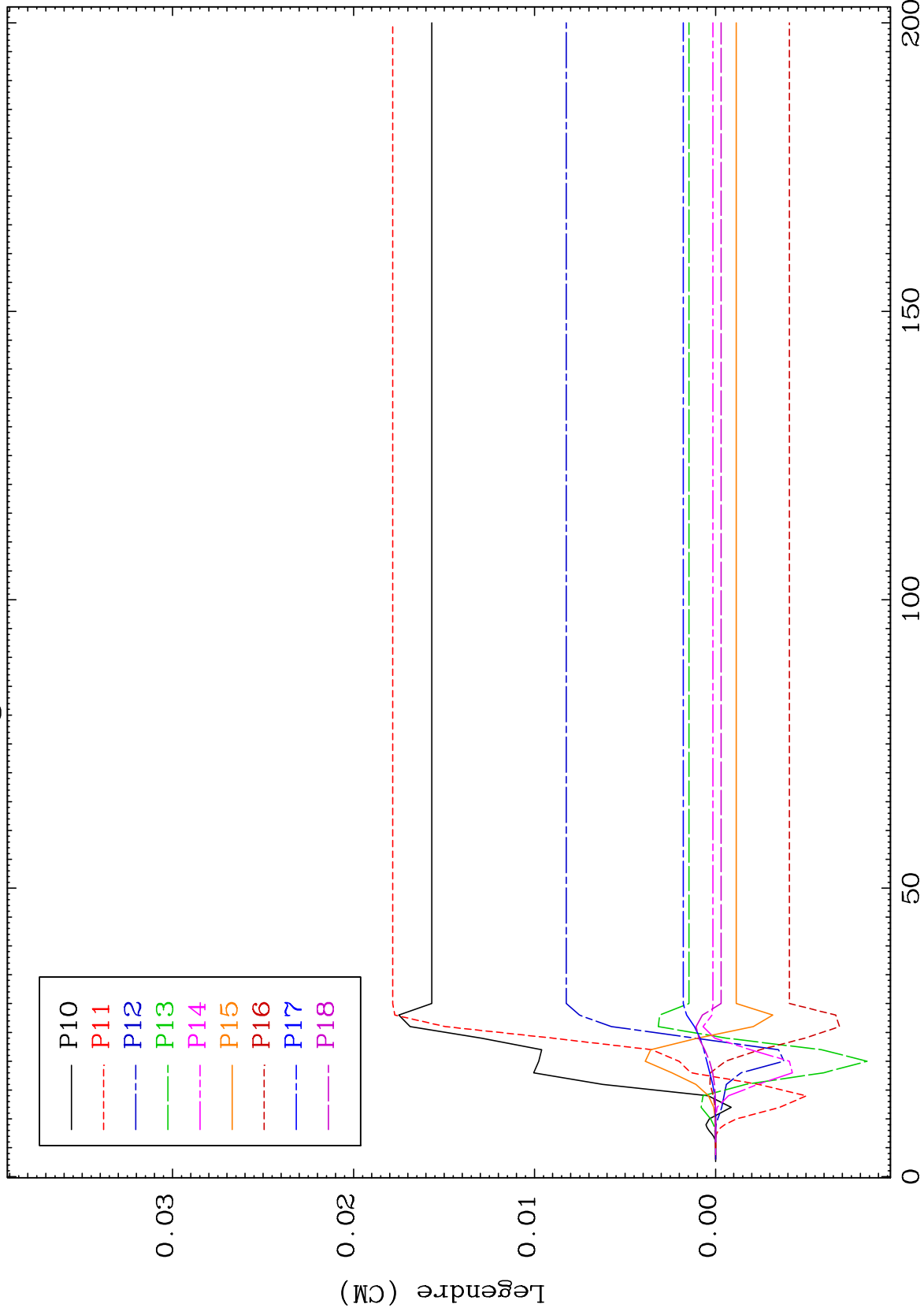
Incident Energy (MeV)

107

MAT 5840

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

58-Ce-141



108

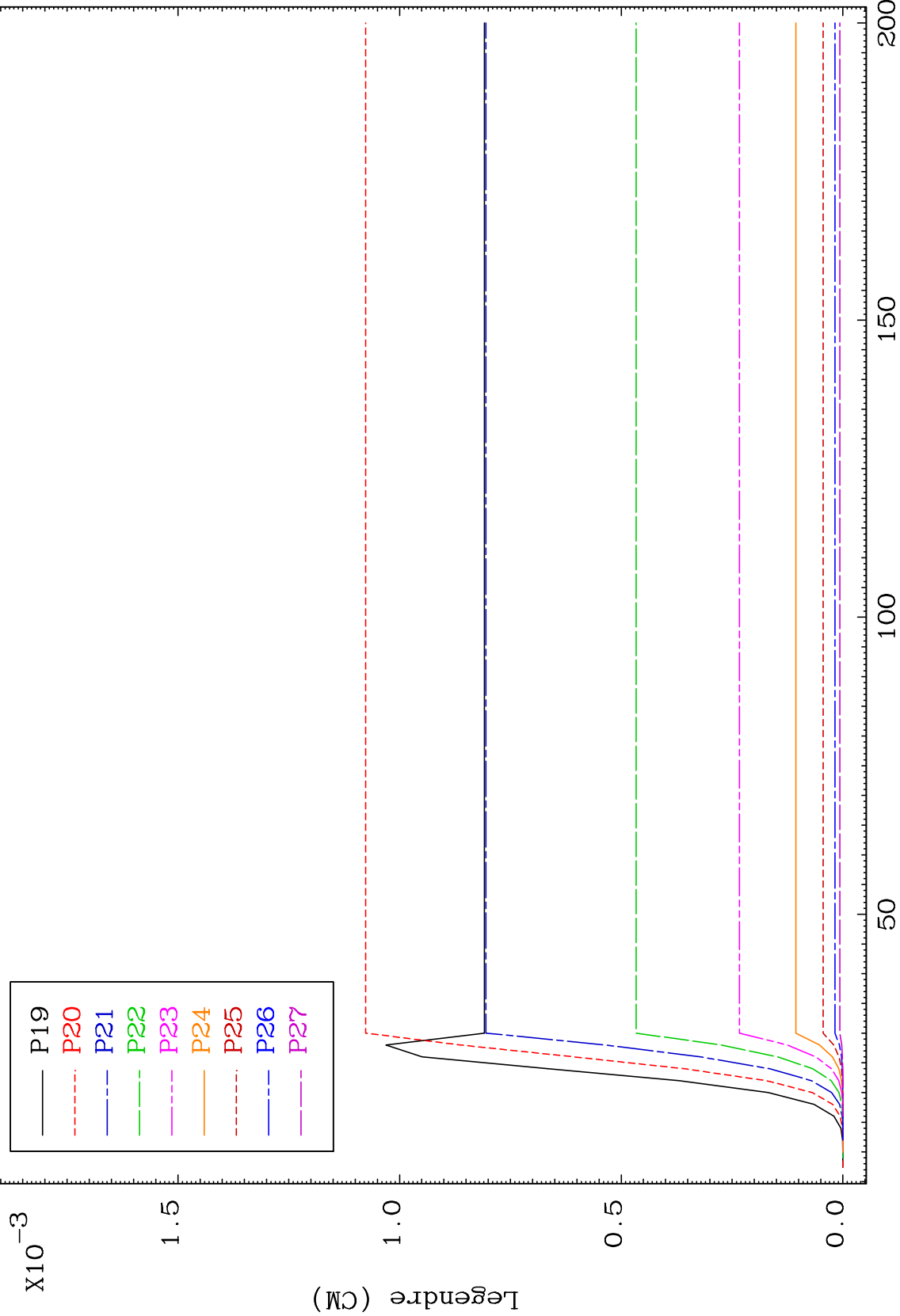
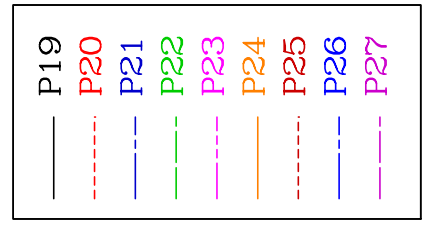
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



109

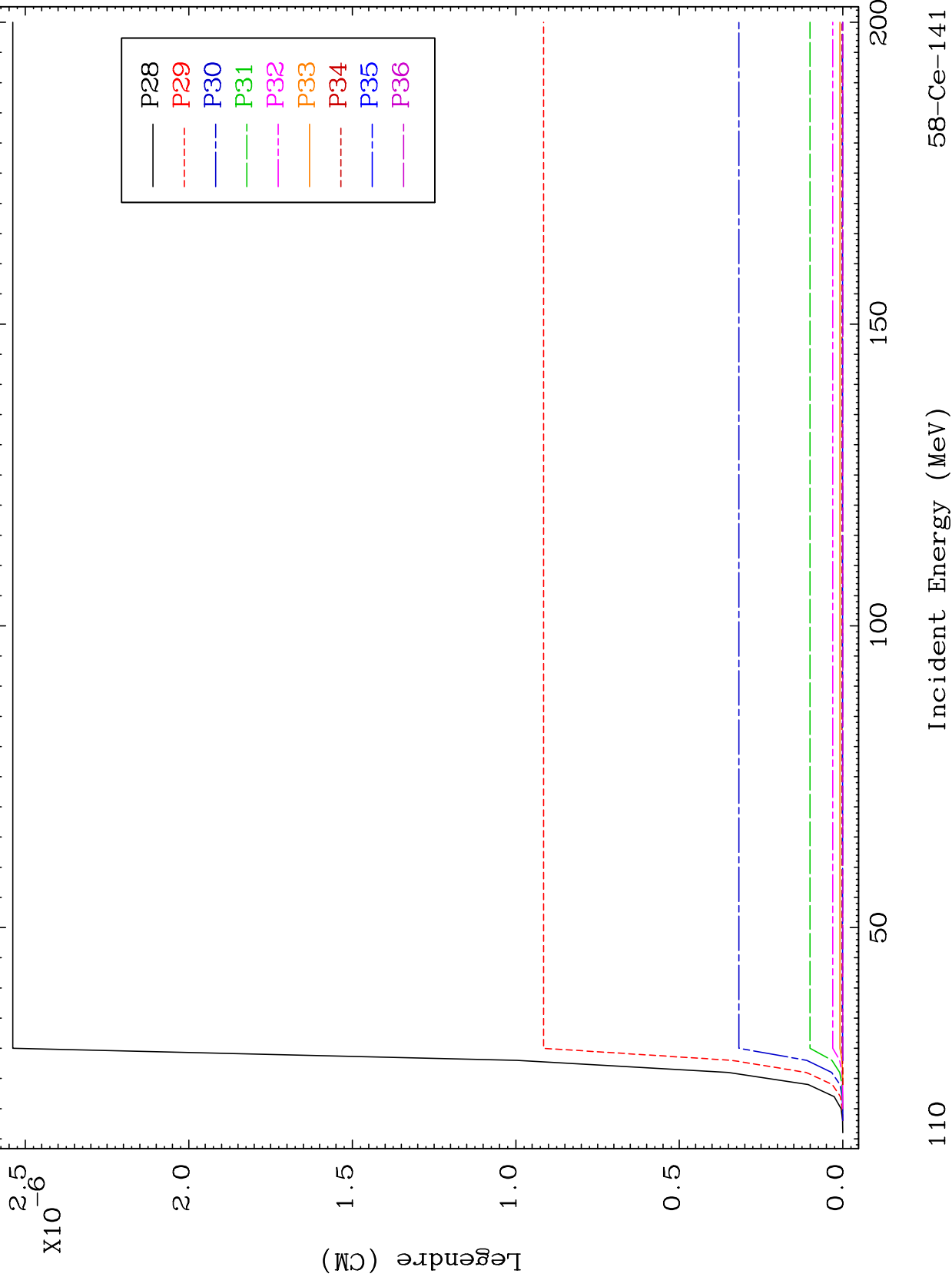
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



58-Ce-141

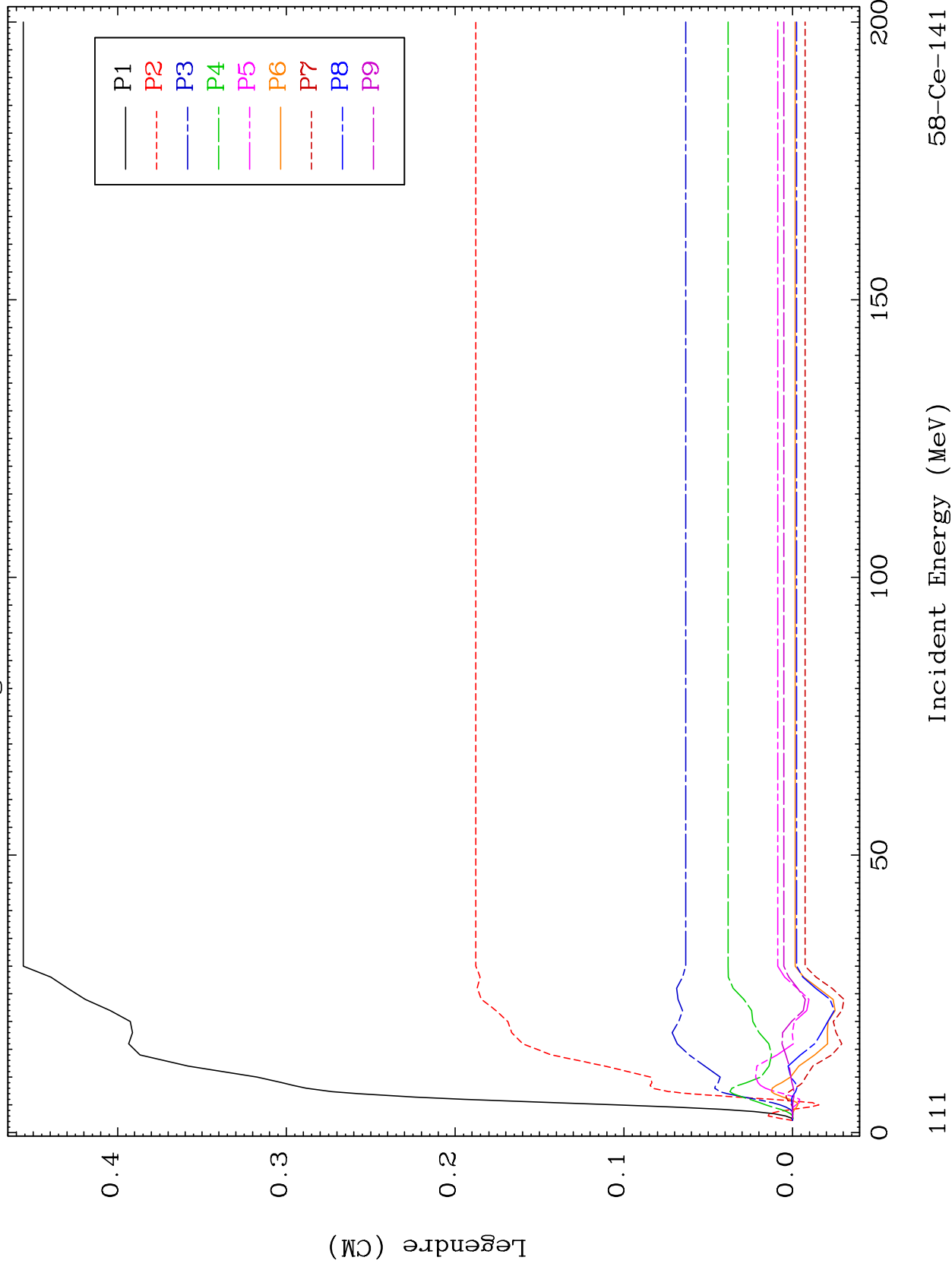
Incident Energy (MeV)

110

MAT 5840

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

58-Ce-141



58-Ce-141

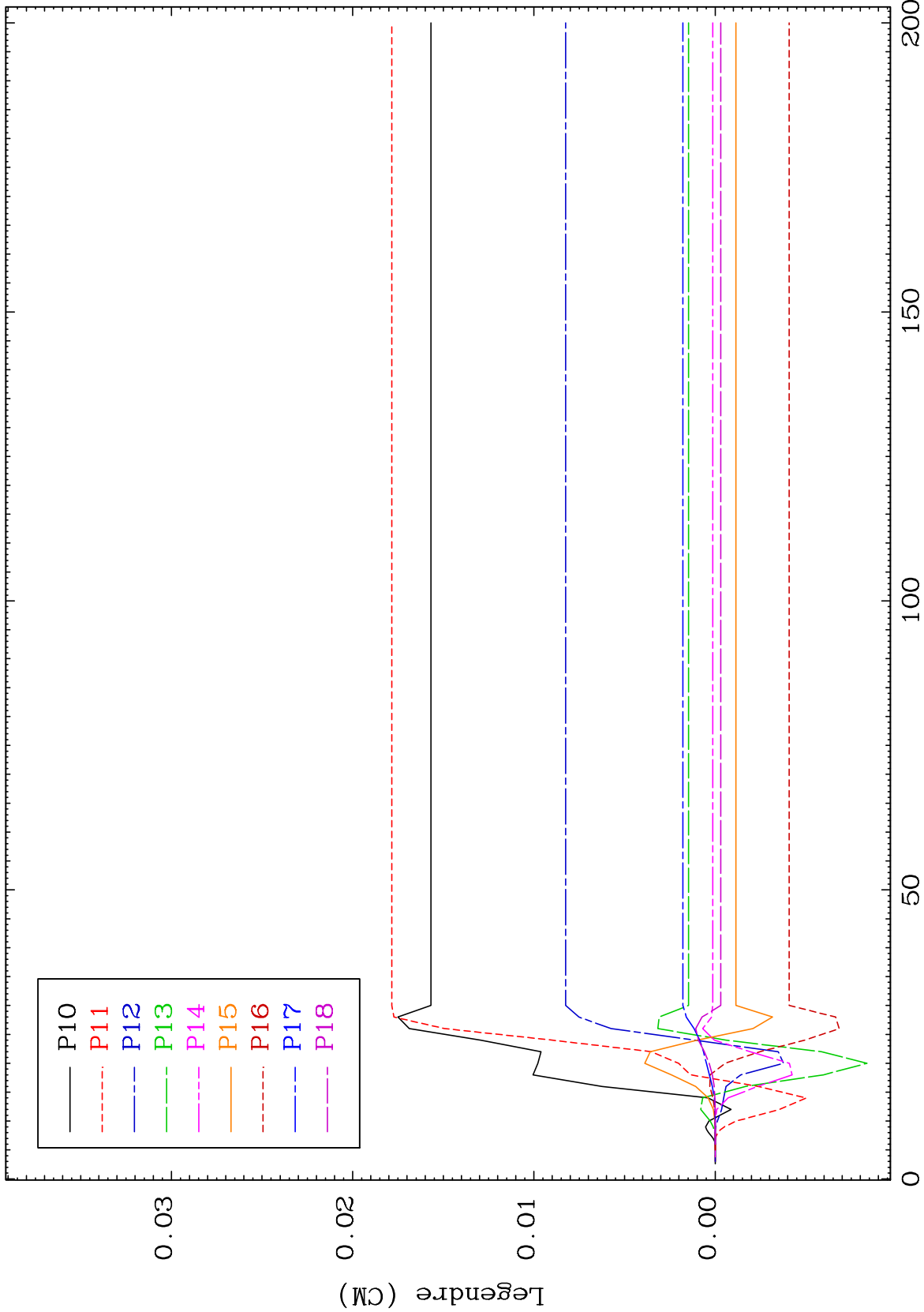
Incident Energy (MeV)

111

MAT 5840

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

58-Ce-141



112

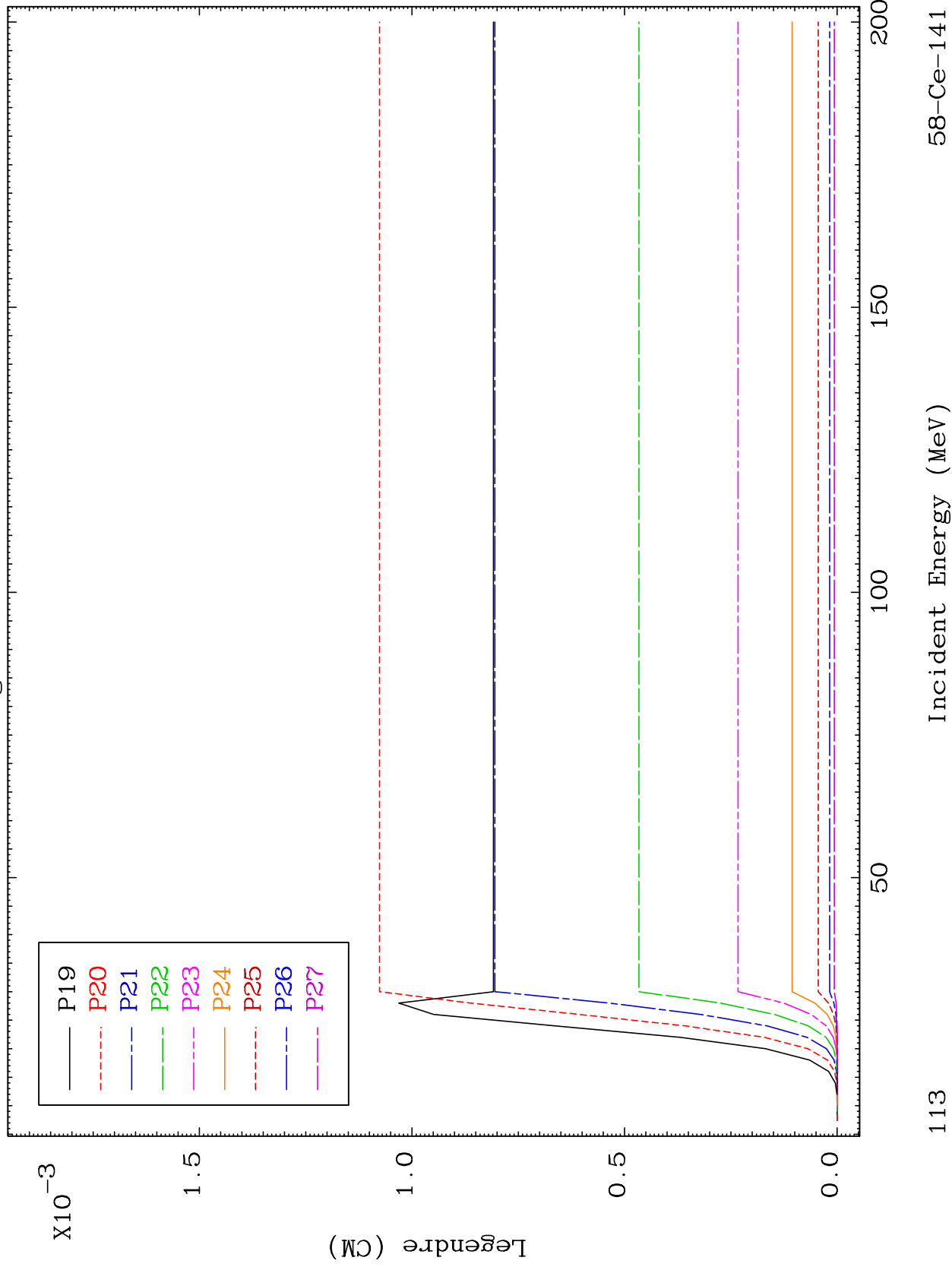
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141

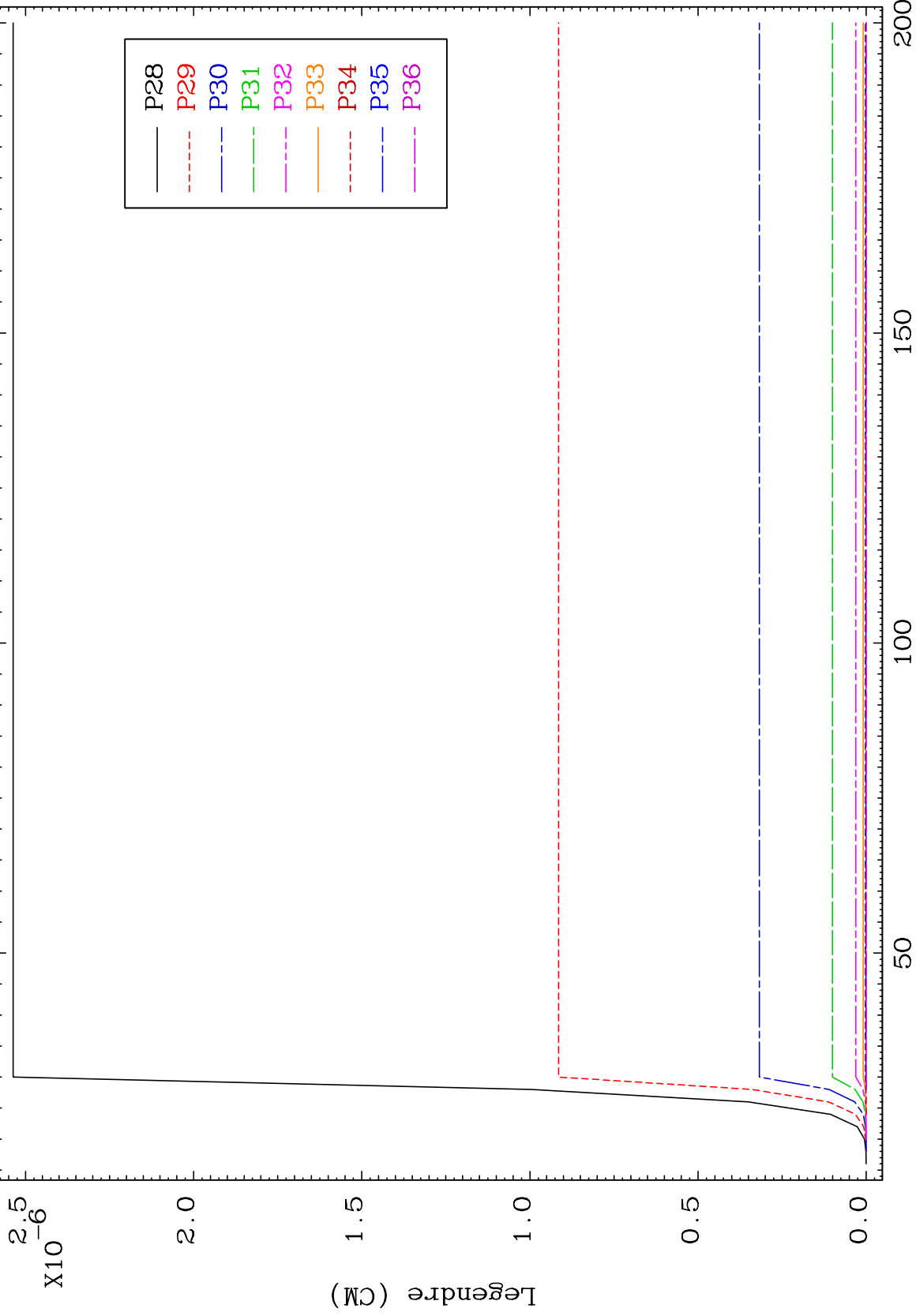


113

MAT 5840

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

58-Ce-141



114

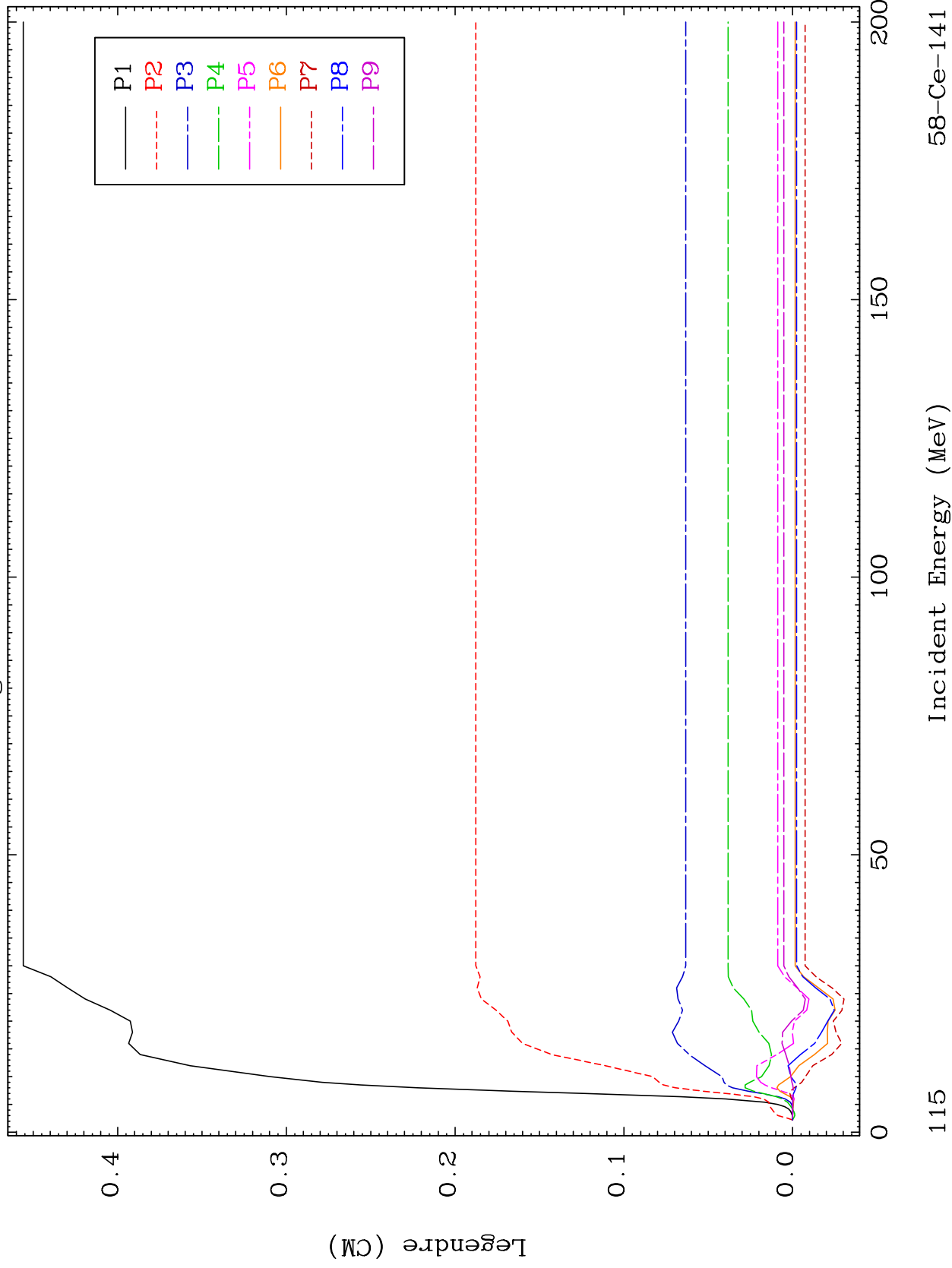
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



58-Ce-141

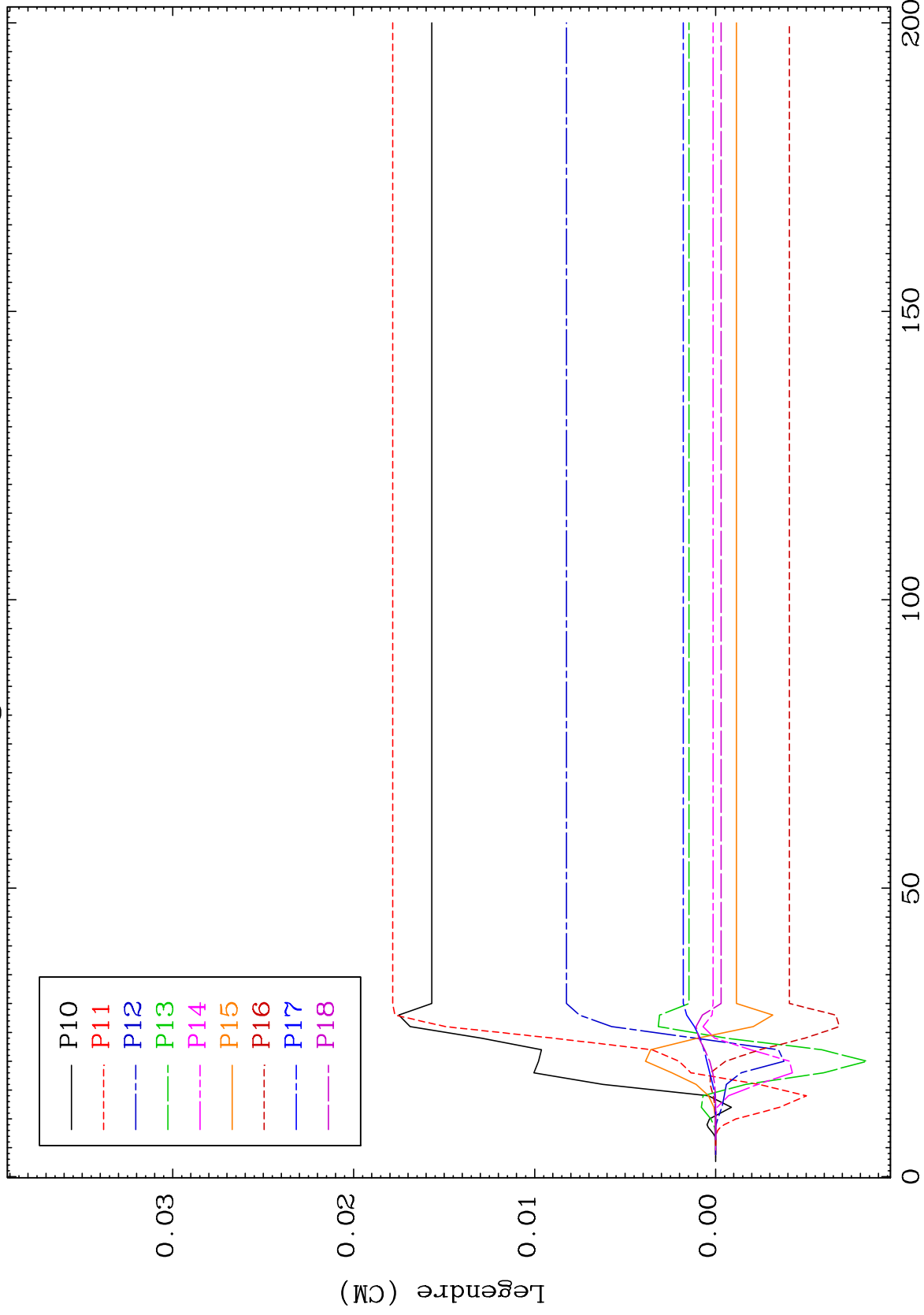
Incident Energy (MeV)

115

MAT 5840

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

58-Ce-141



116

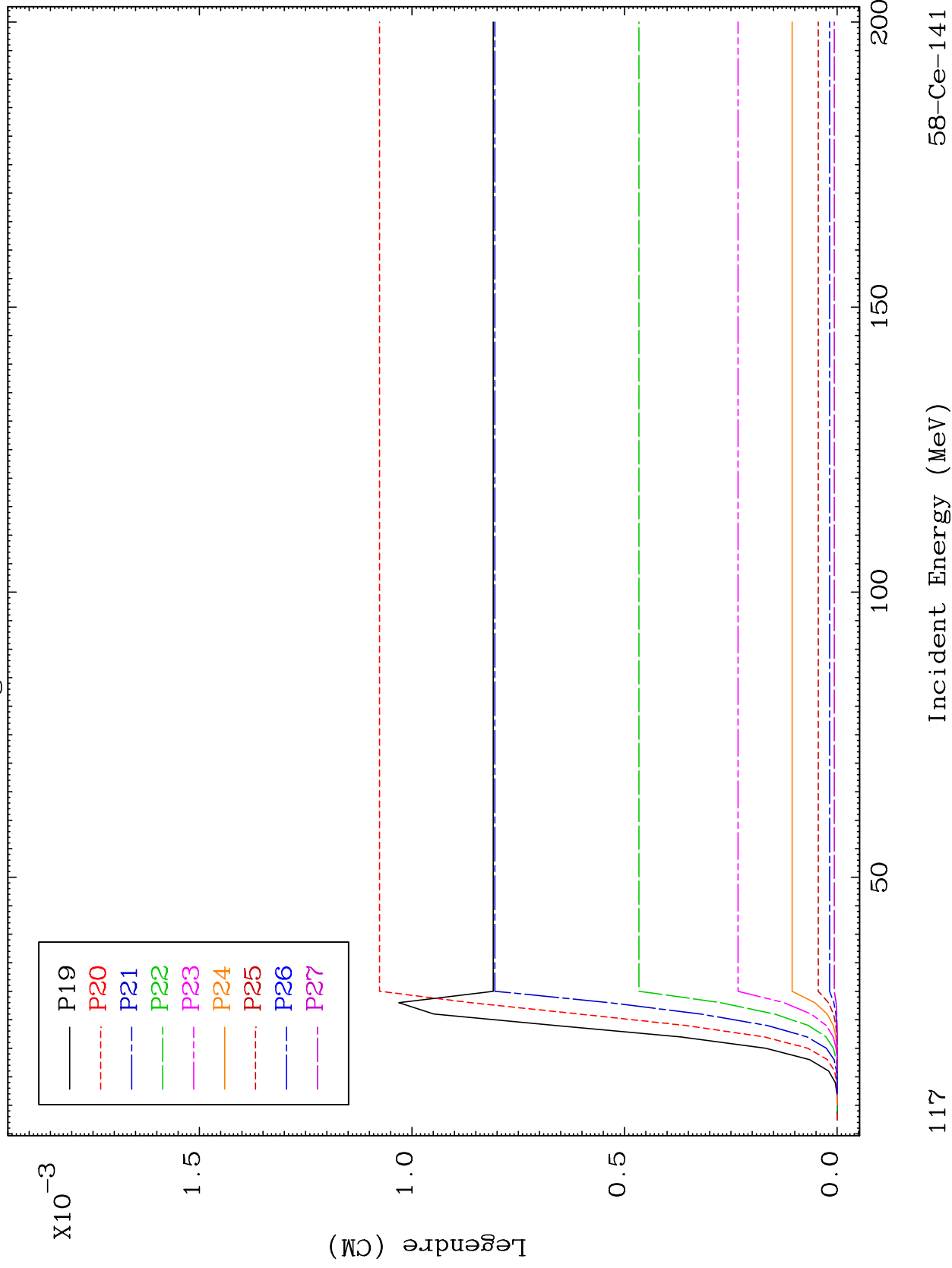
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

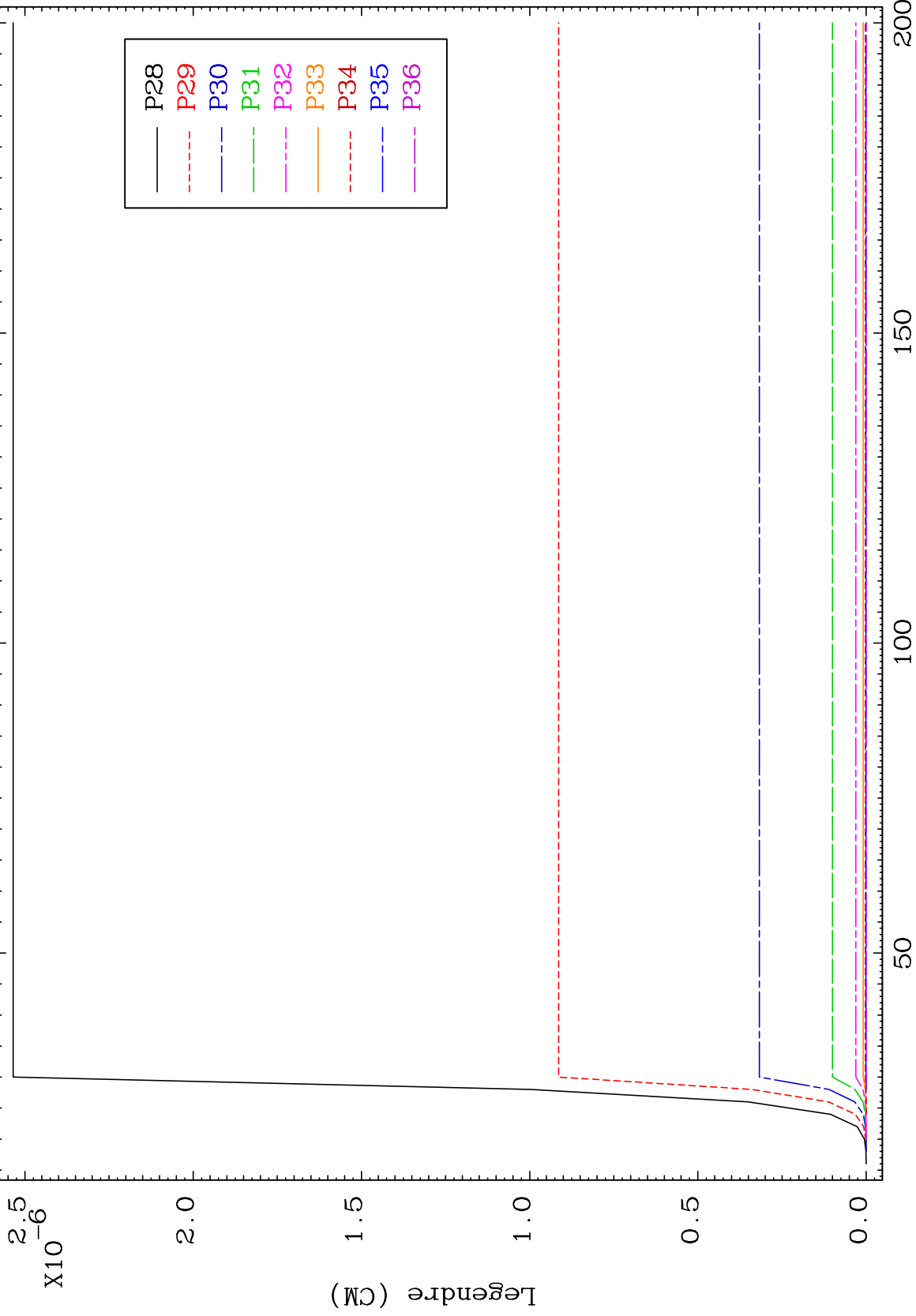
58-Ce-141



MAT 5840

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

58-Ce-141



118

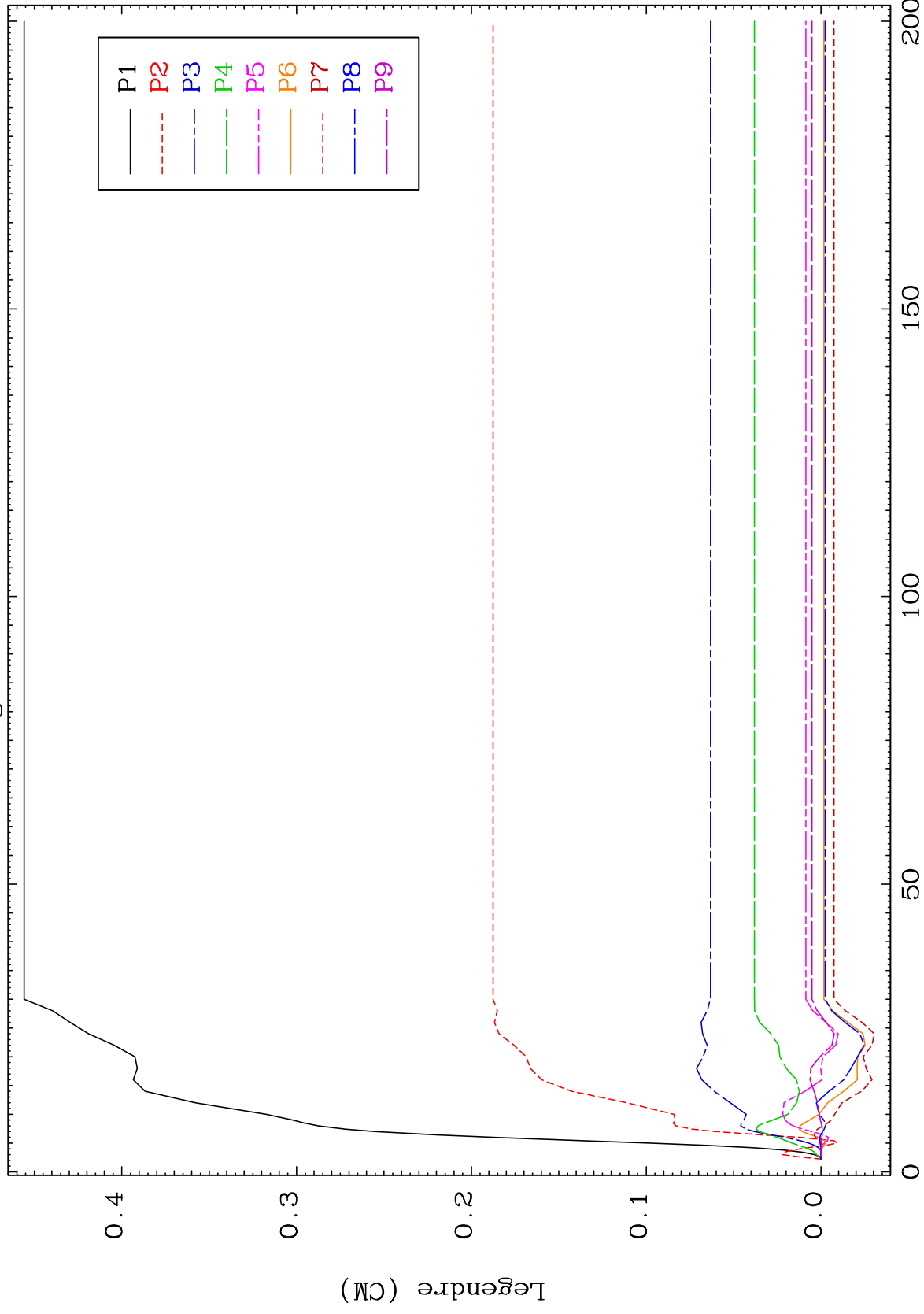
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



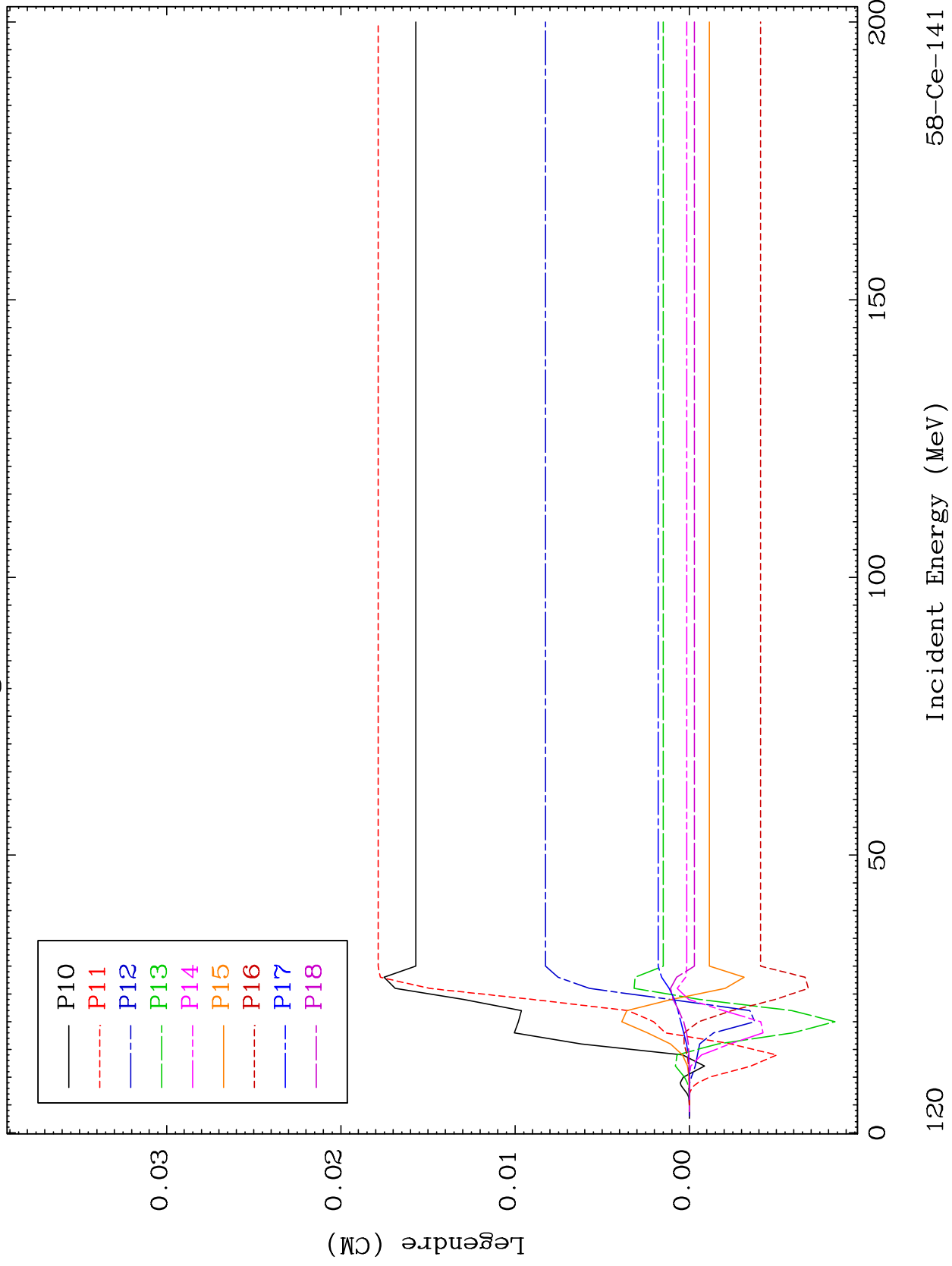
119

58-Ce-141

MAT 5840

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

58-Ce-141



58-Ce-141

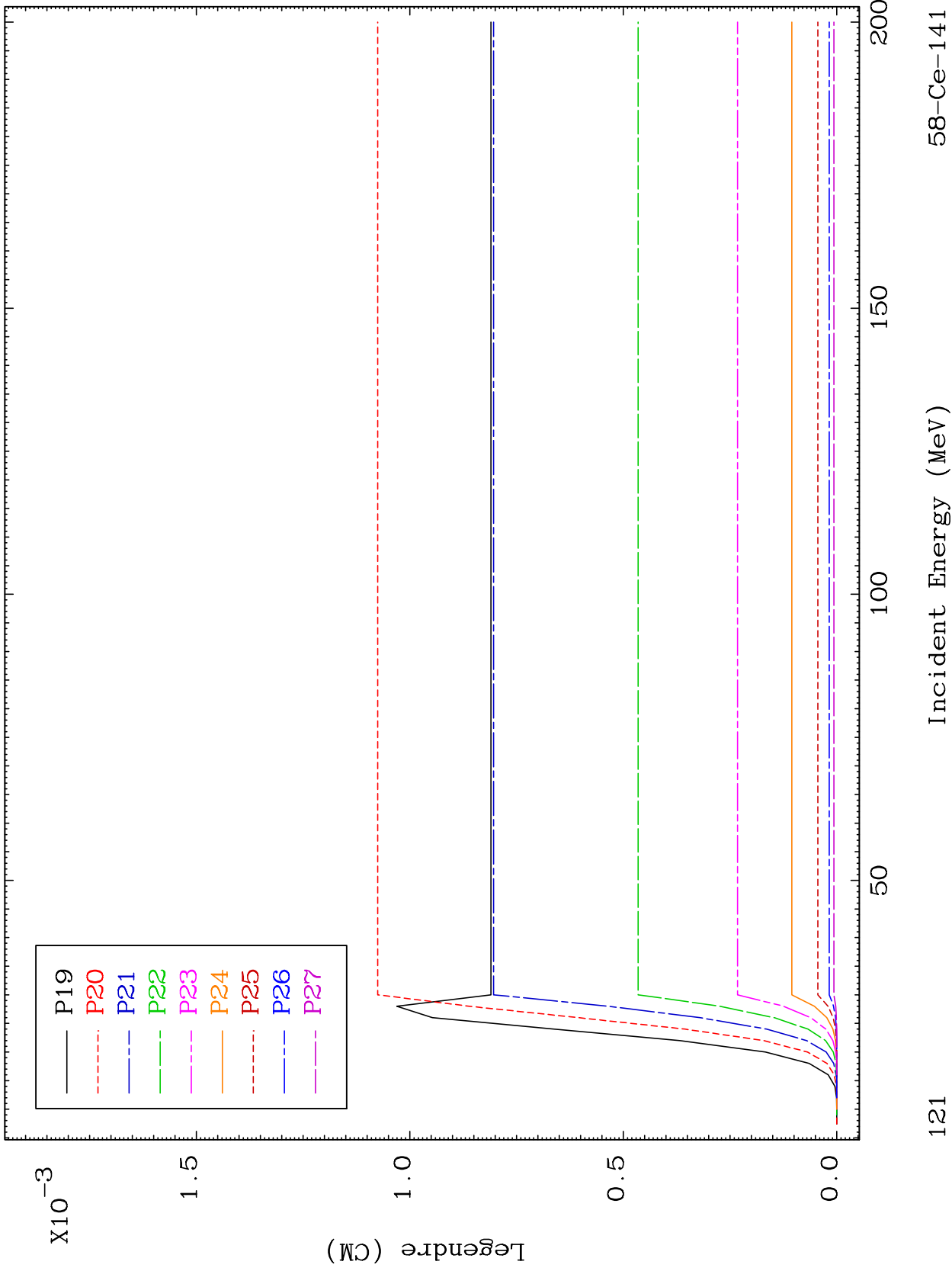
Incident Energy (MeV)

120

MAT 5840

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

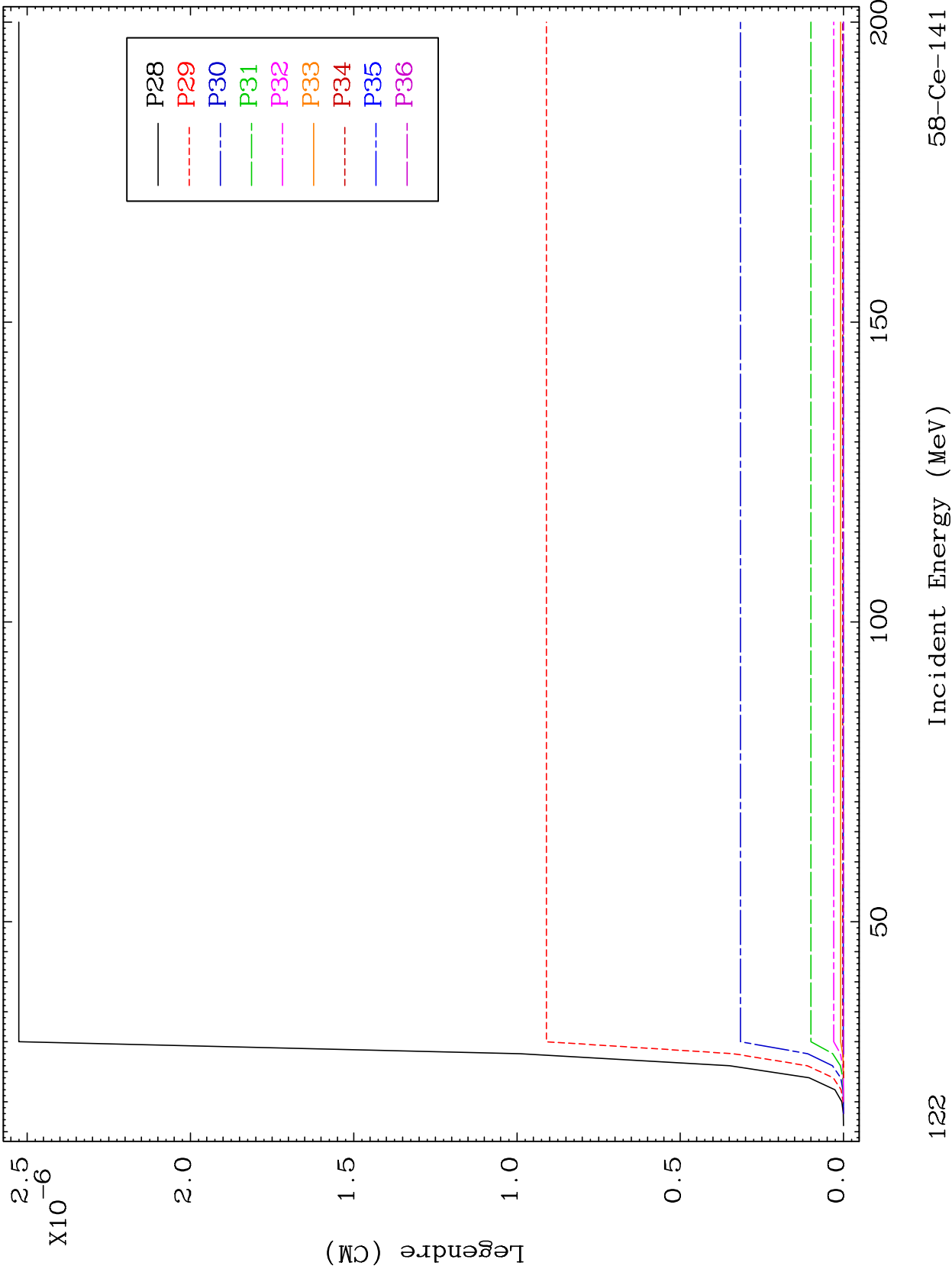
58-Ce-141



MAT 5840

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

58-Ce-141



122

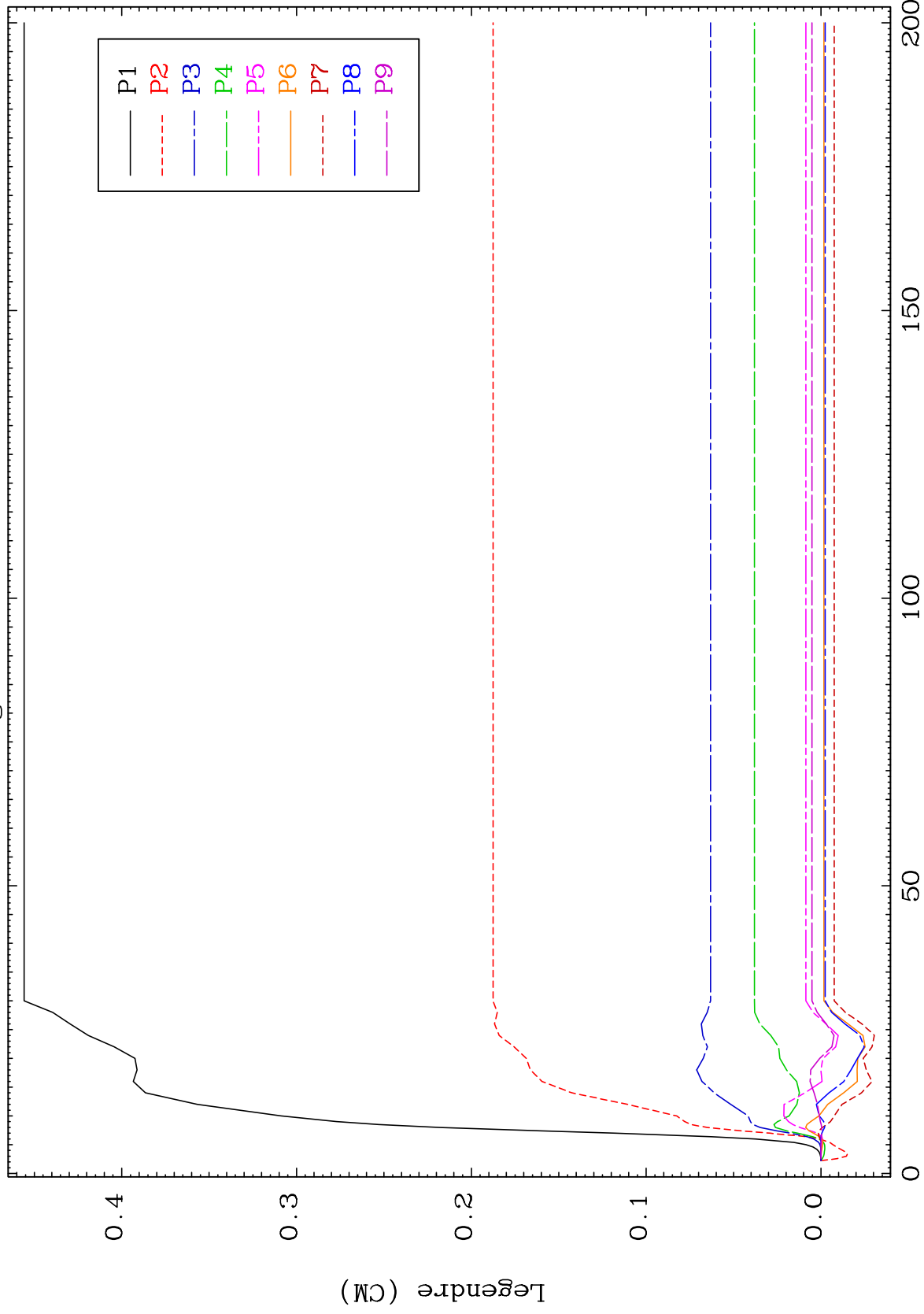
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



123

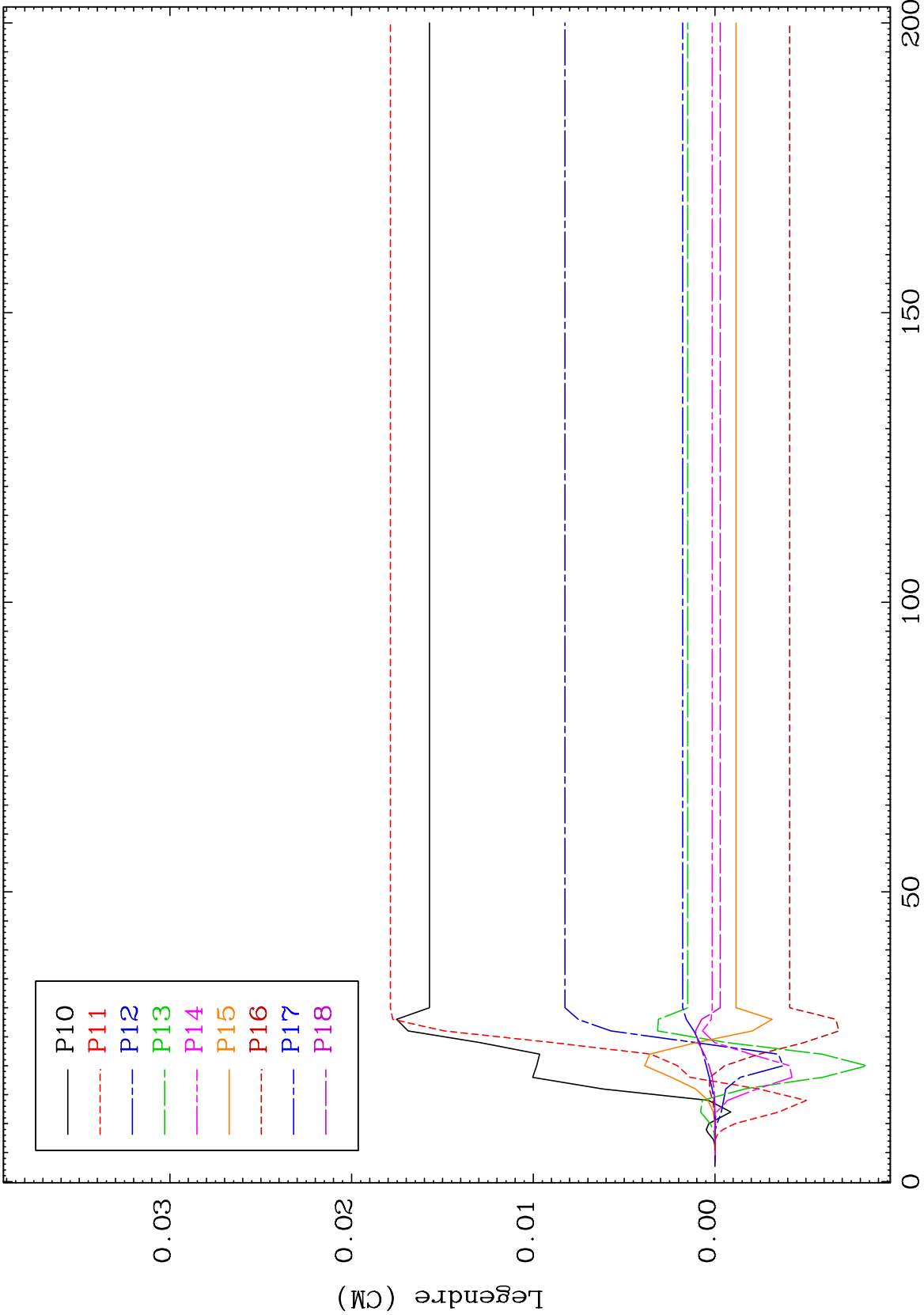
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



124

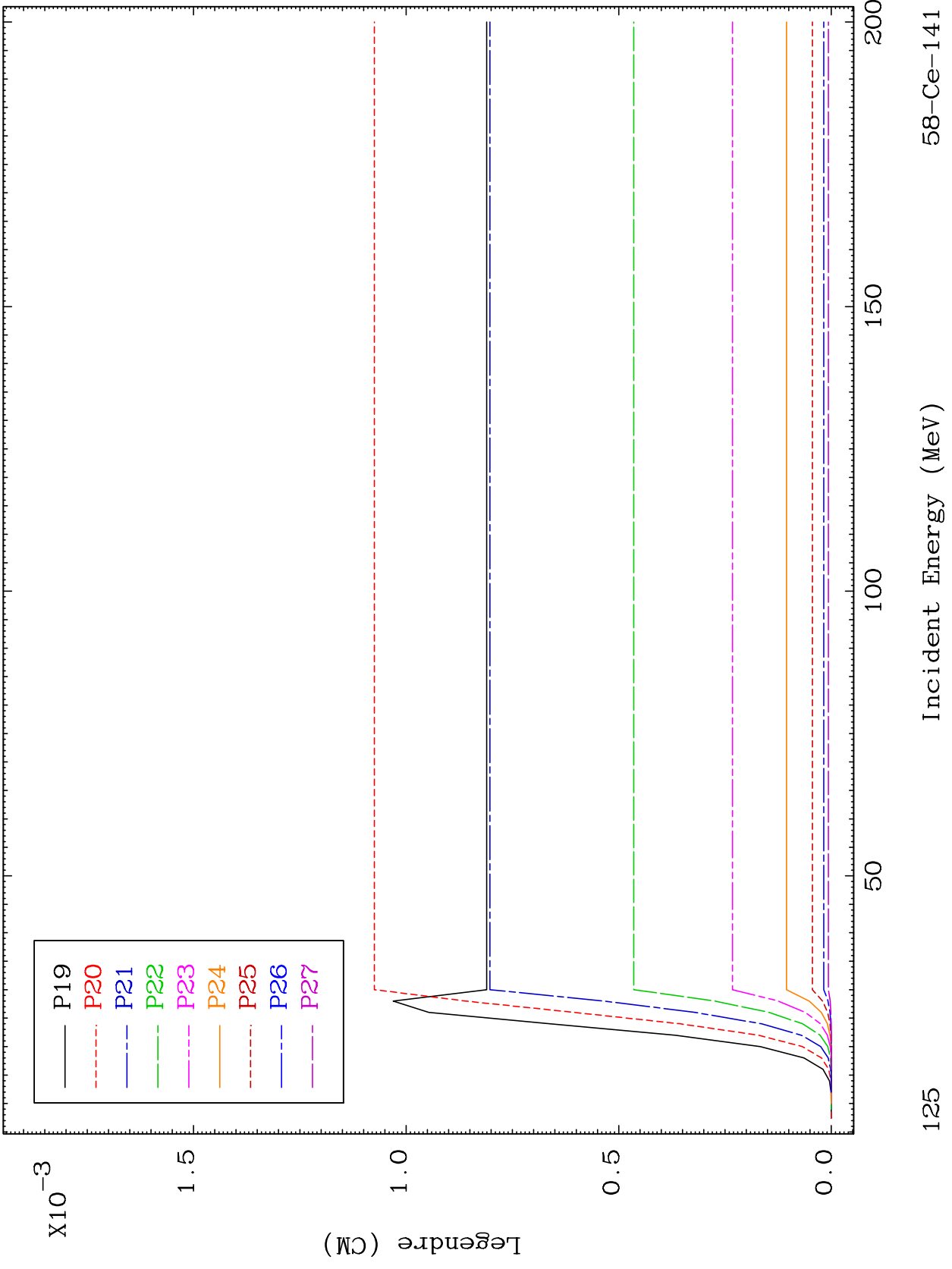
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



125

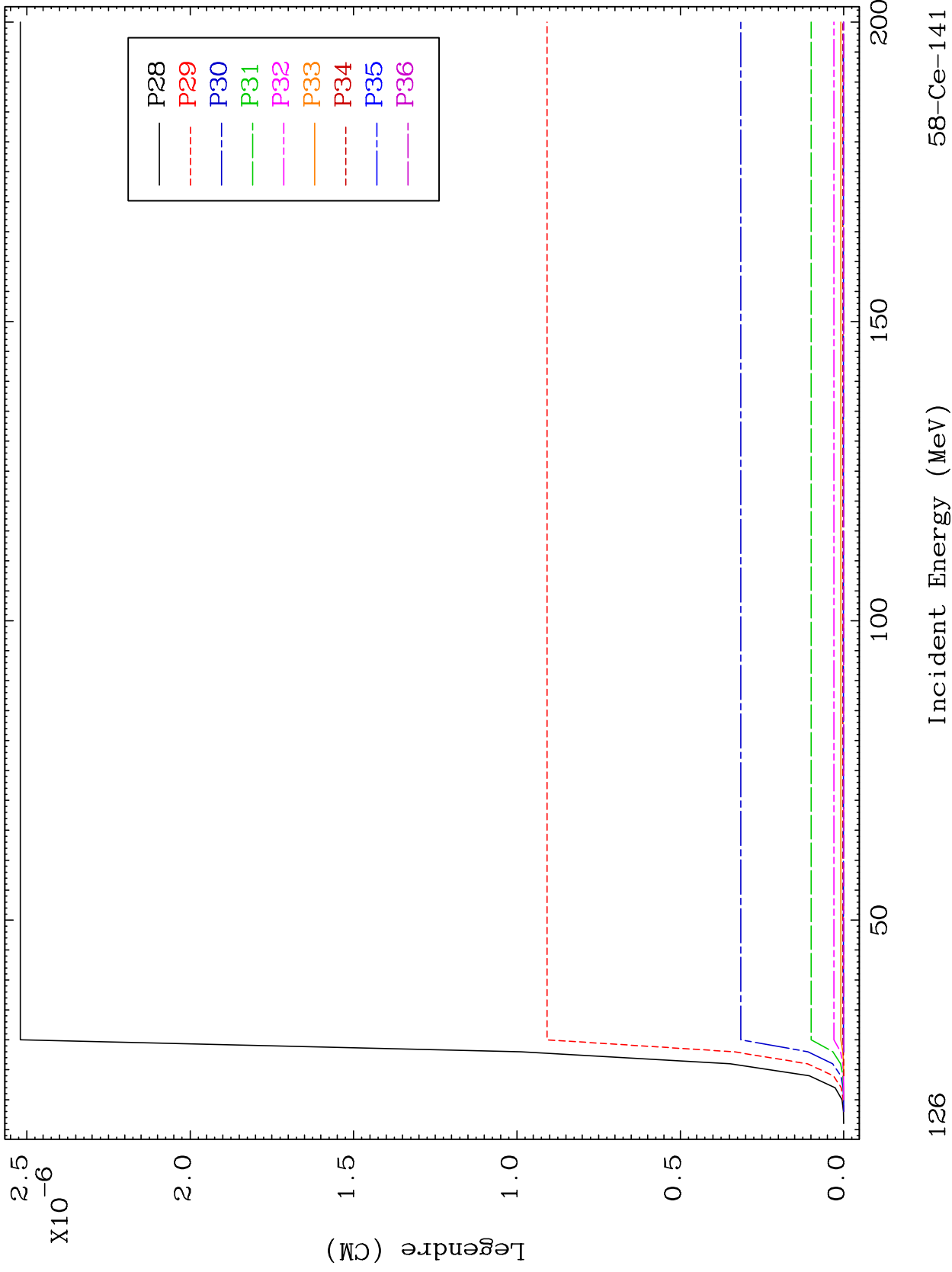
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

58-Ce-141



126

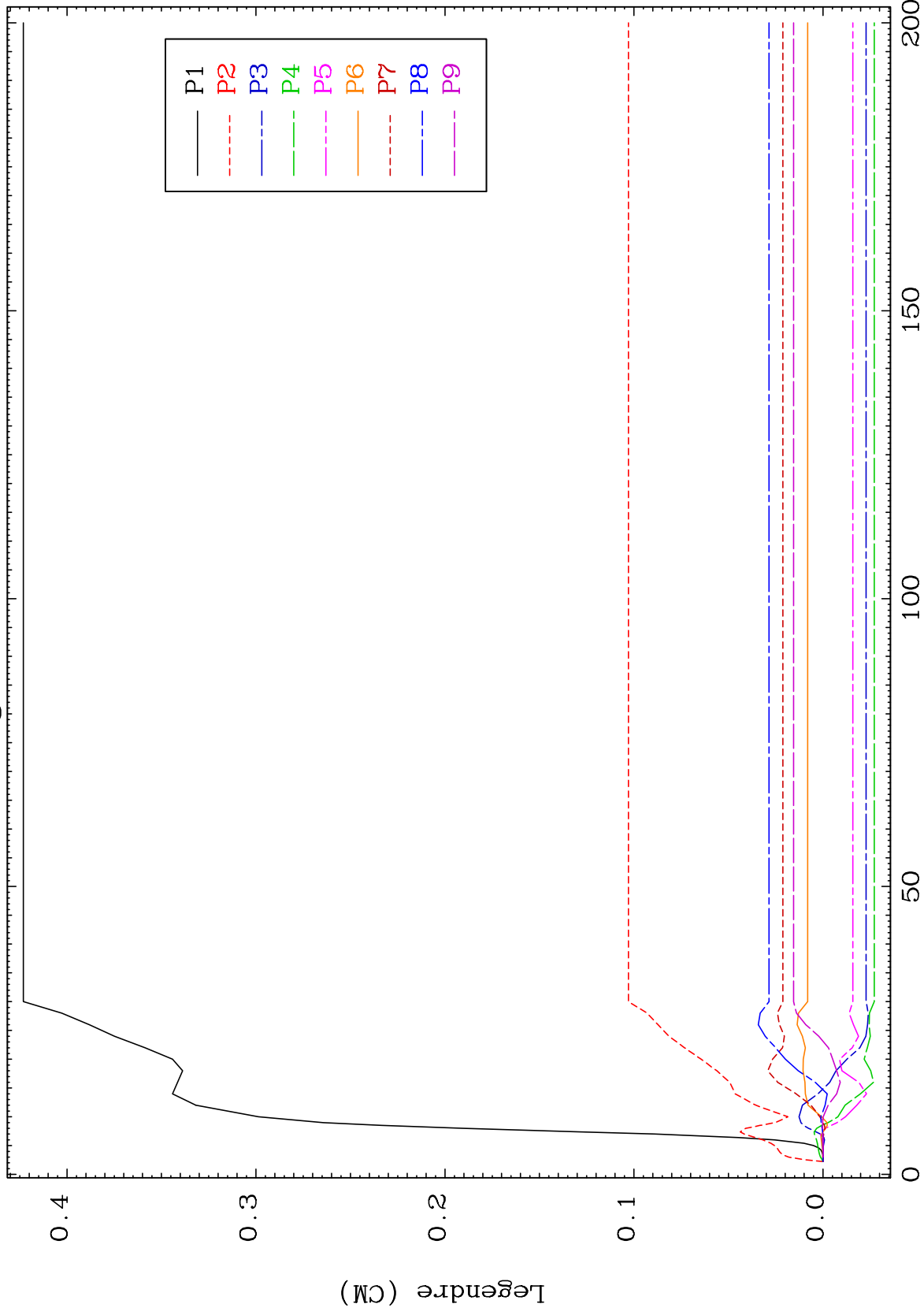
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

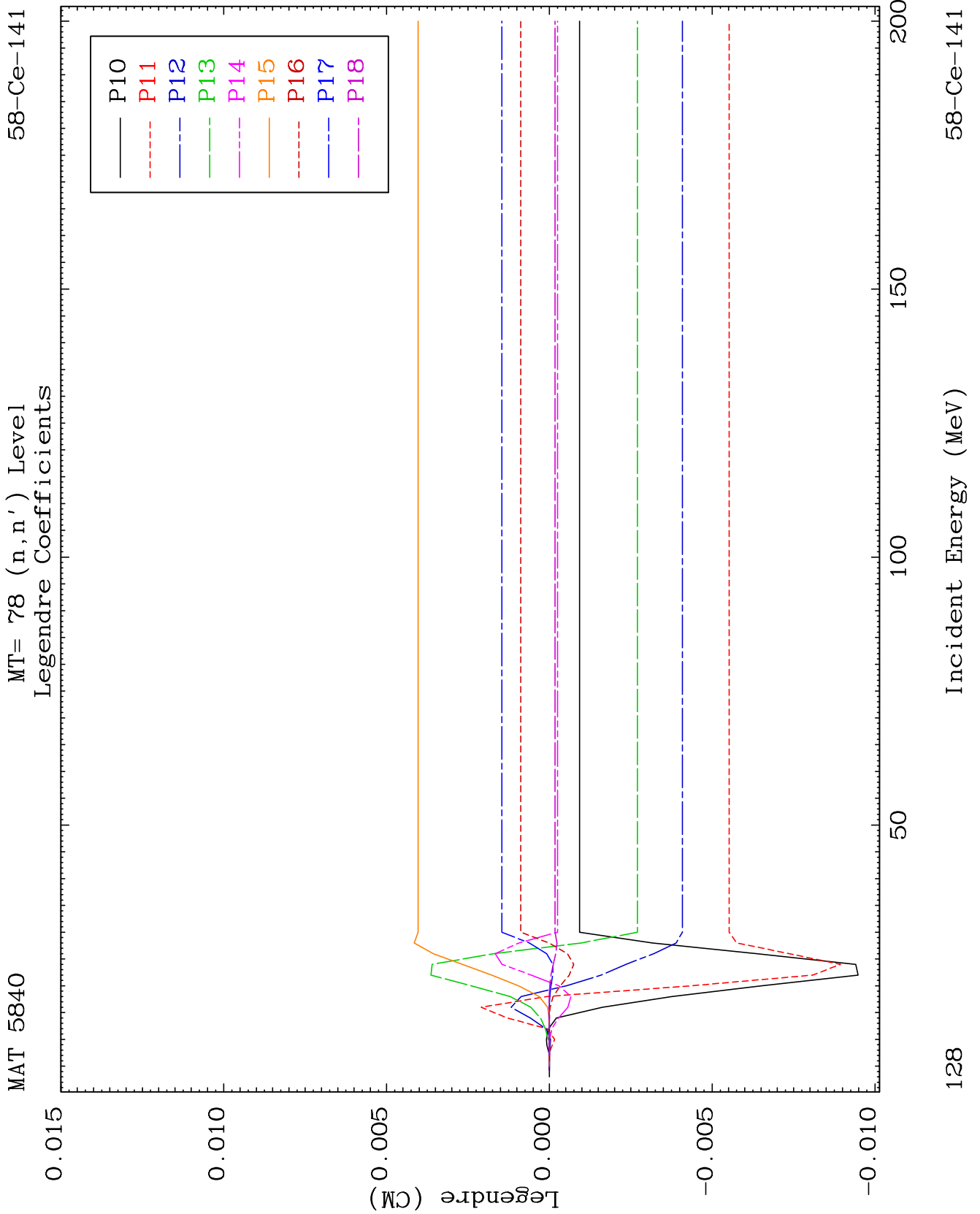
58-Ce-141

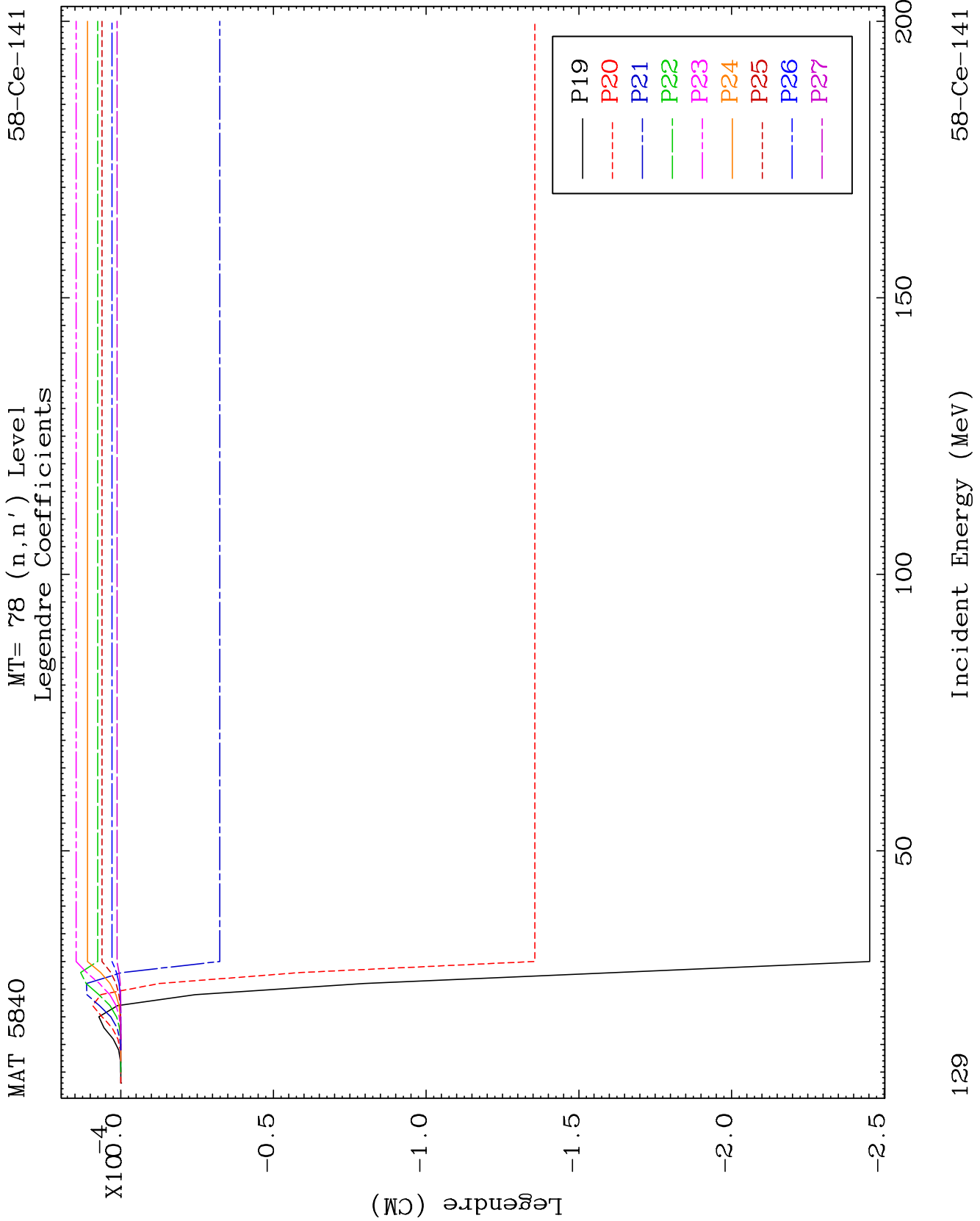


127

Incident Energy (MeV)

58-Ce-141

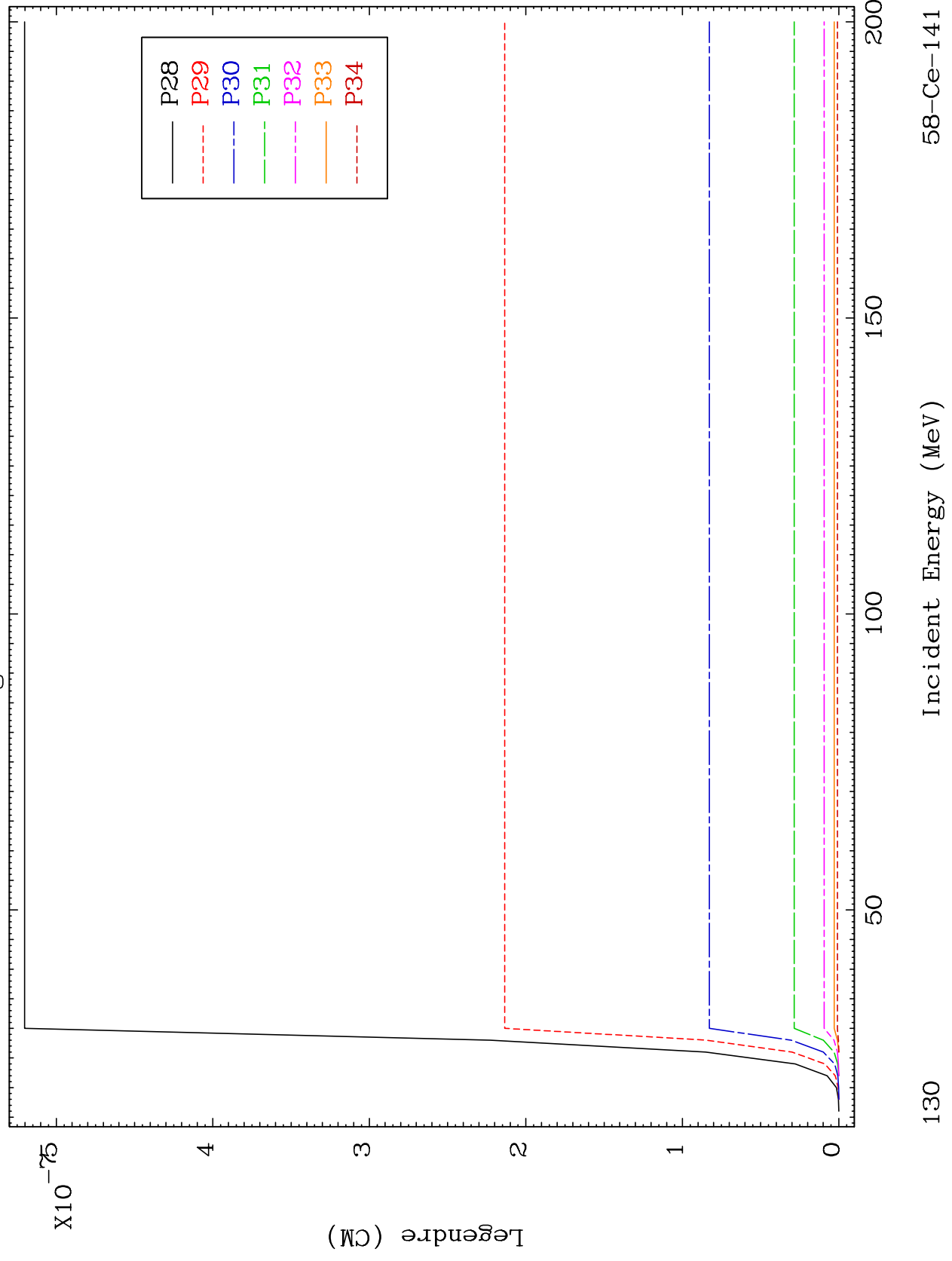




MAT 5840

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

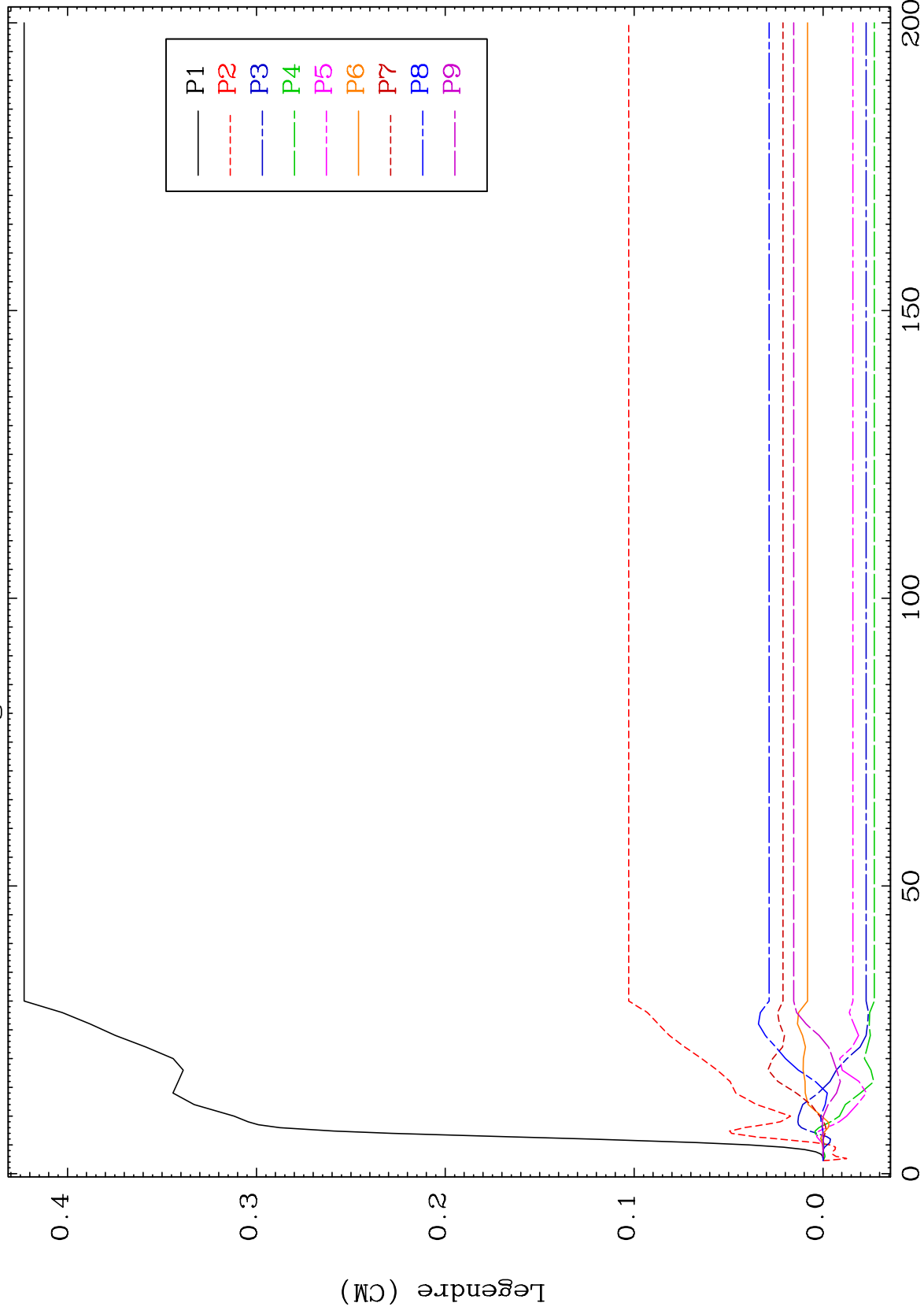
58-Ce-141



MAT 5840

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

58-Ce-141



131

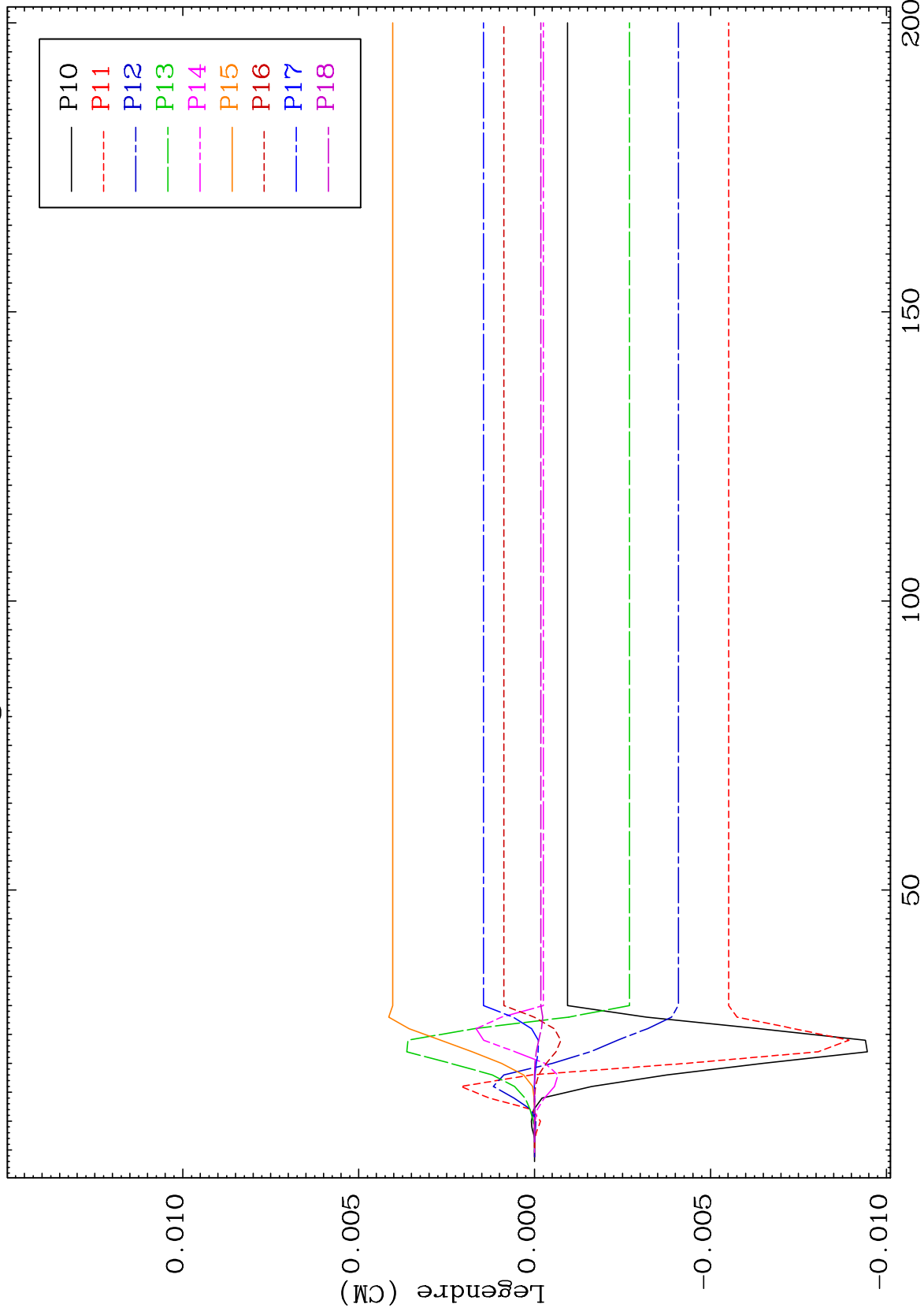
Incident Energy (MeV)

58-Ce-141

MAT 5840

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

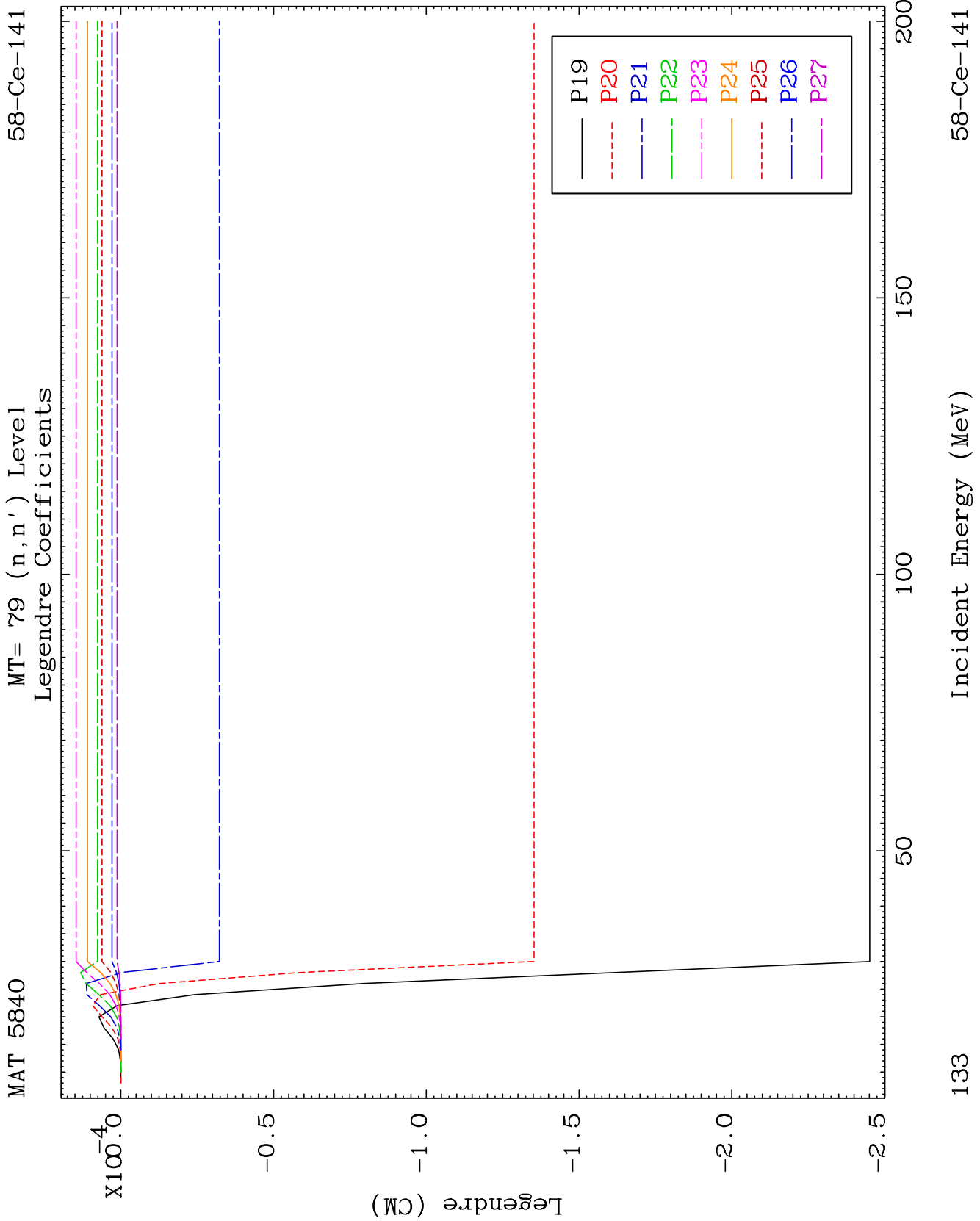
58-Ce-141



132

Incident Energy (MeV)

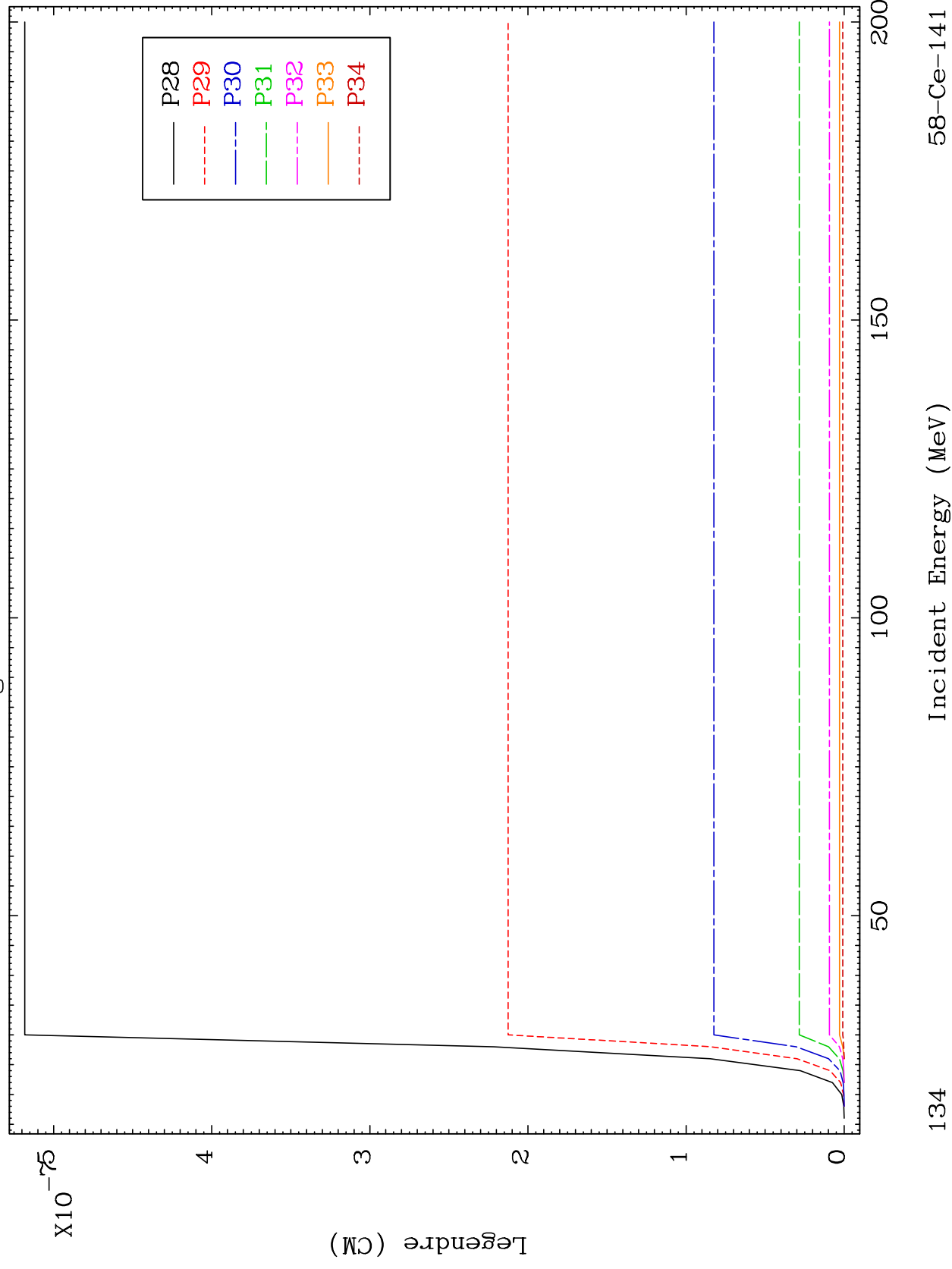
58-Ce-141



MAT 5840

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

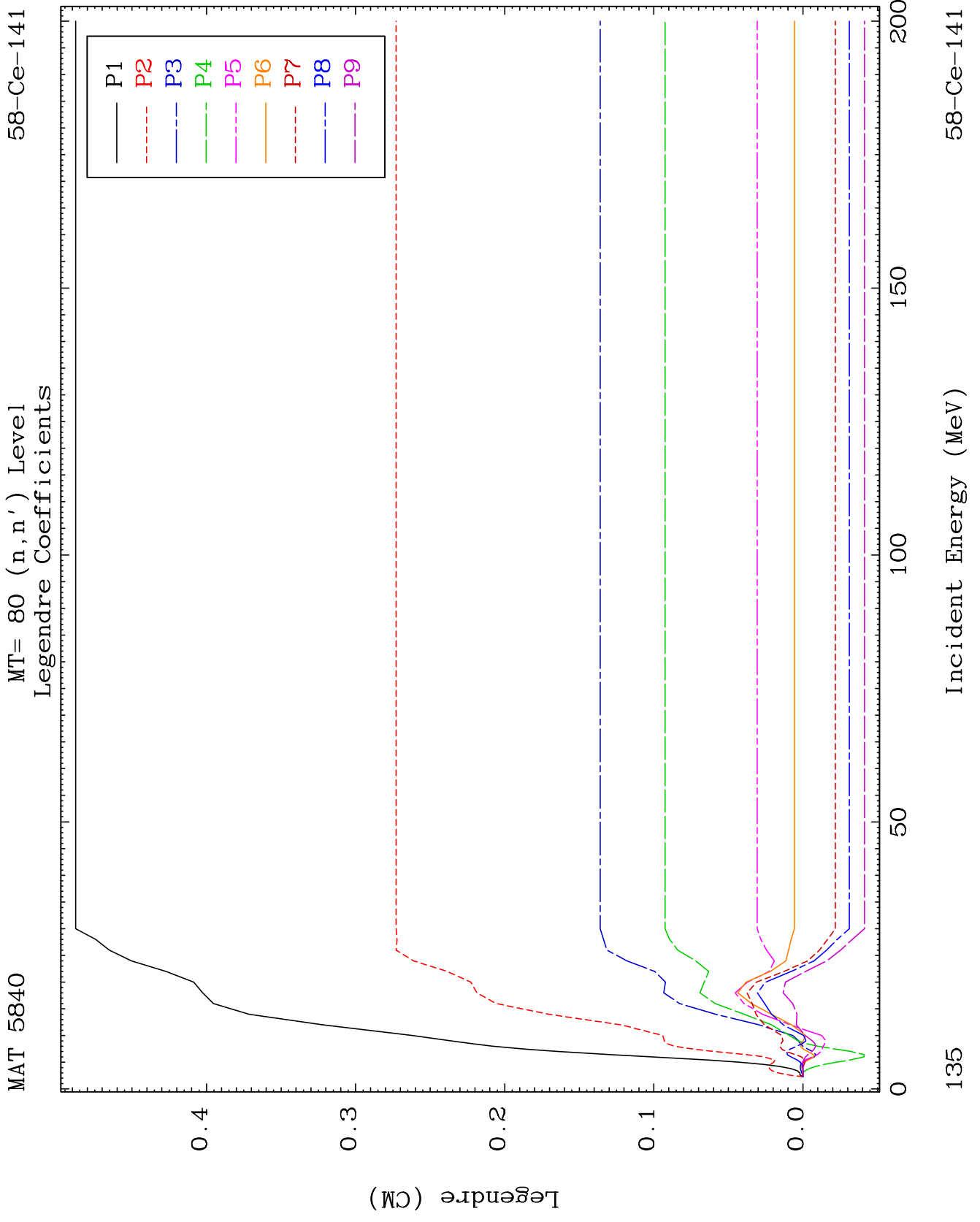
58-Ce-141

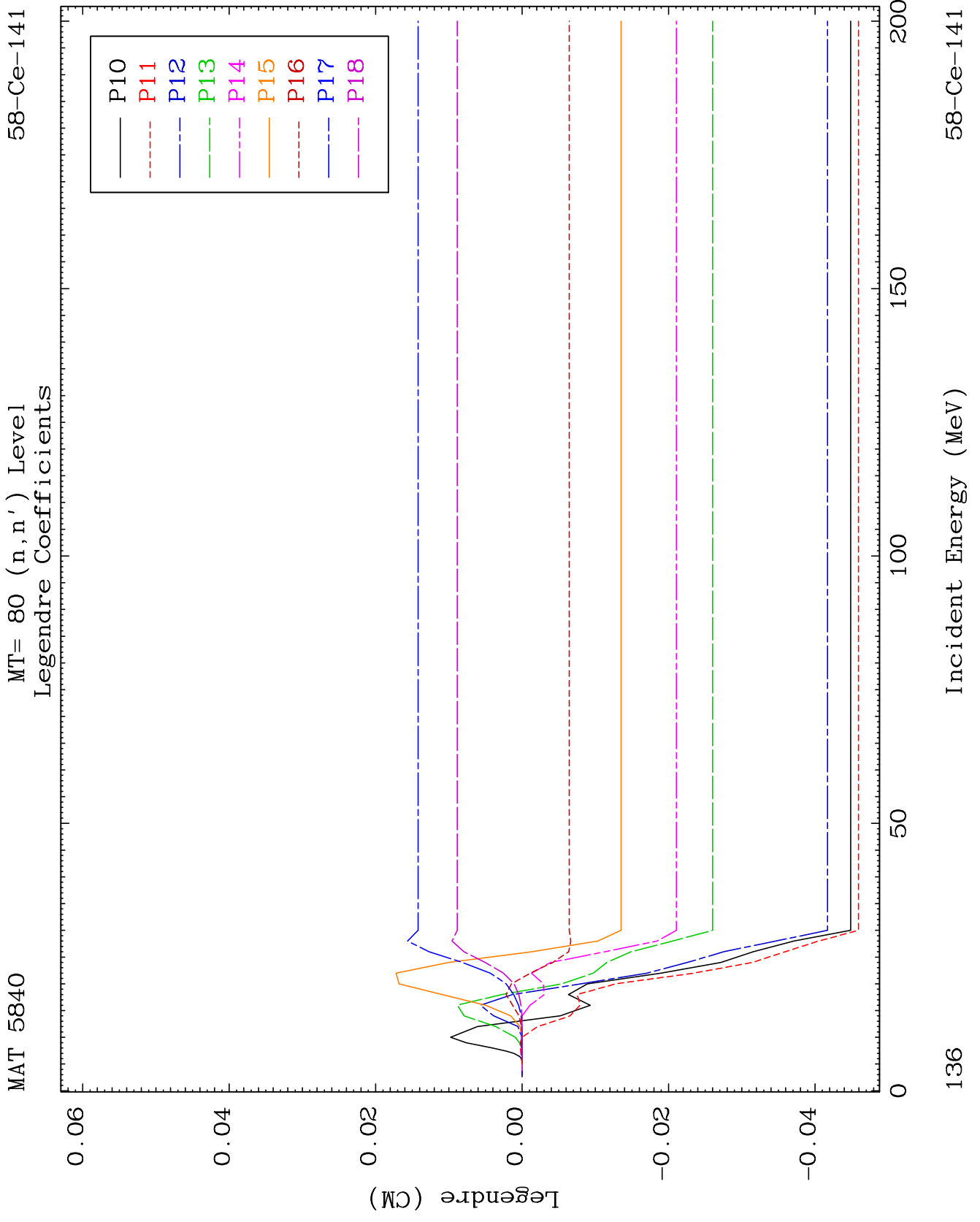


134

Incident Energy (MeV)

58-Ce-141





58-Ce-141

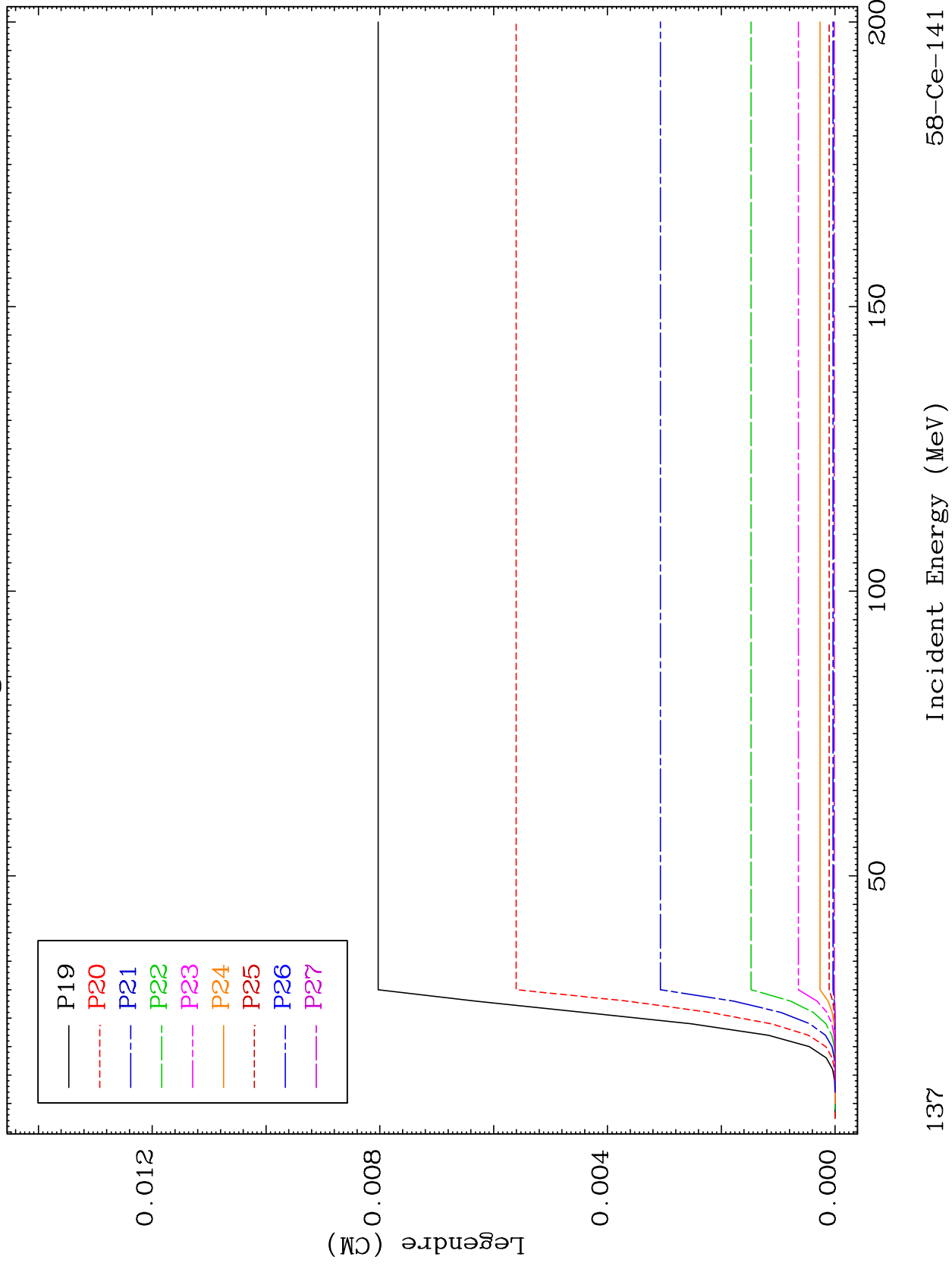
Incident Energy (MeV)

136

MAT 5840

MT= 80 (n,n') Level
Legendre Coefficients

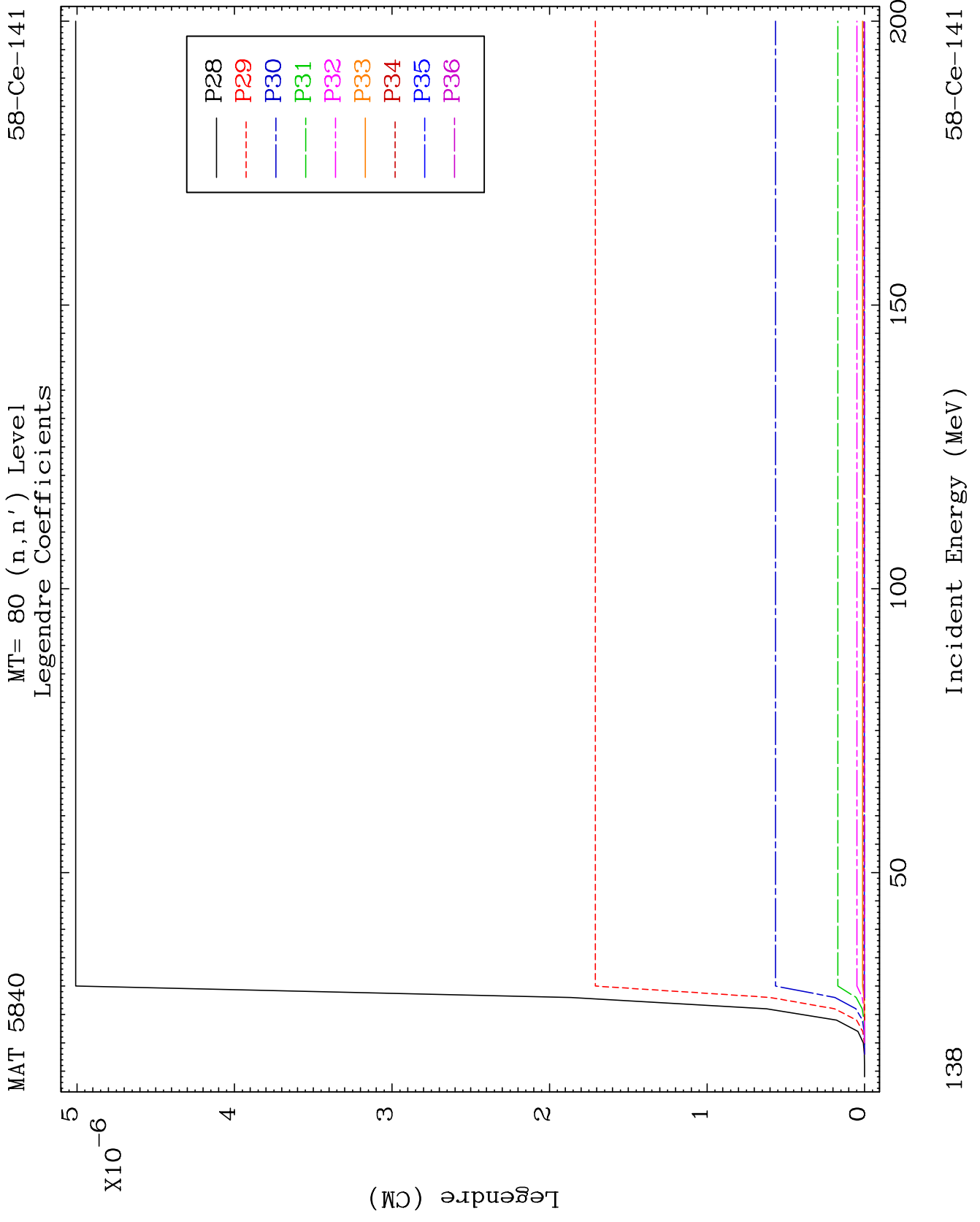
58-Ce-141



137

Incident Energy (MeV)

58-Ce-141

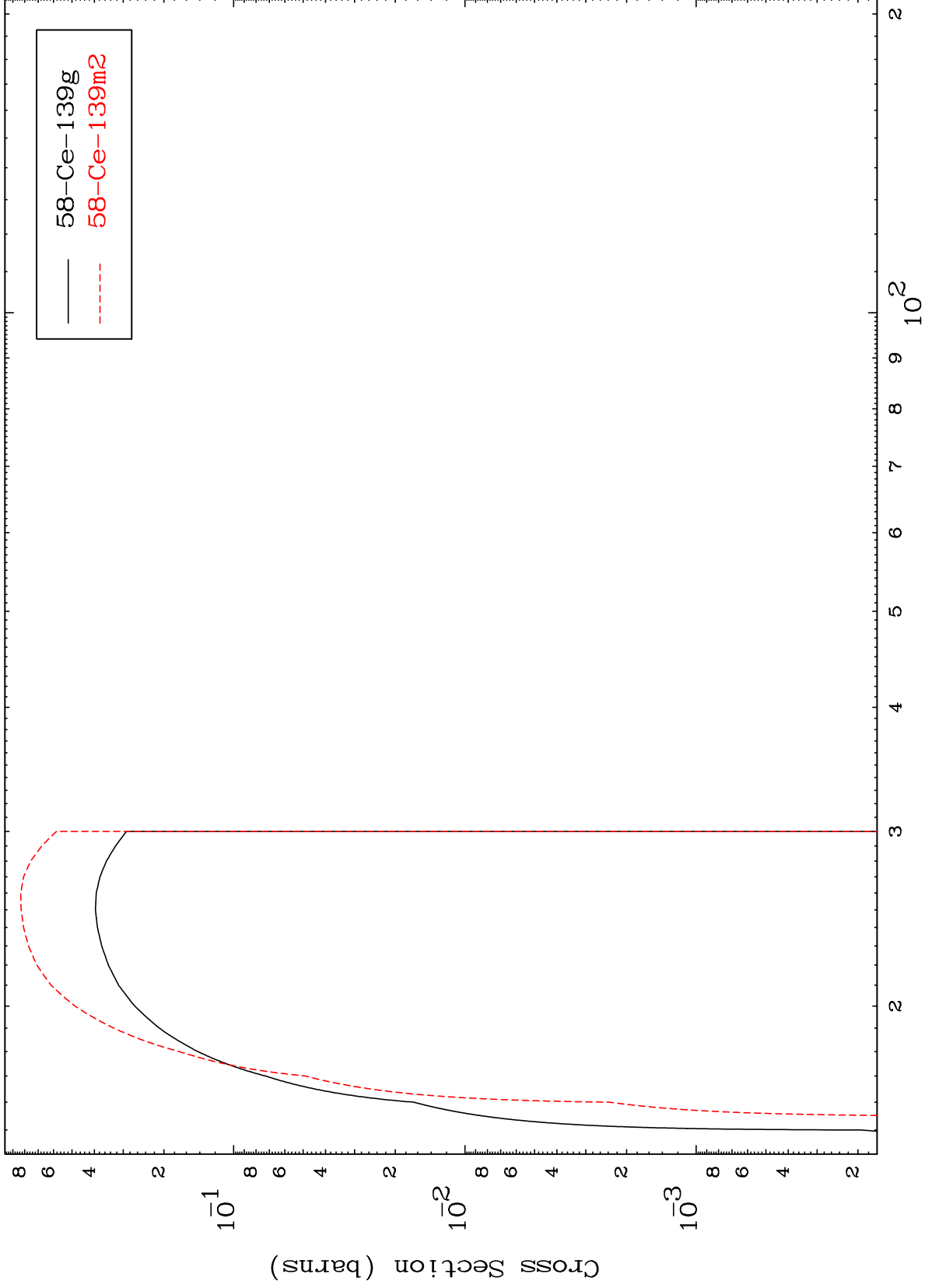


MAT 5840

(n,3n)

58-Ce-141

Radionuclide Production Cross Section



139

Incident Energy (MeV)

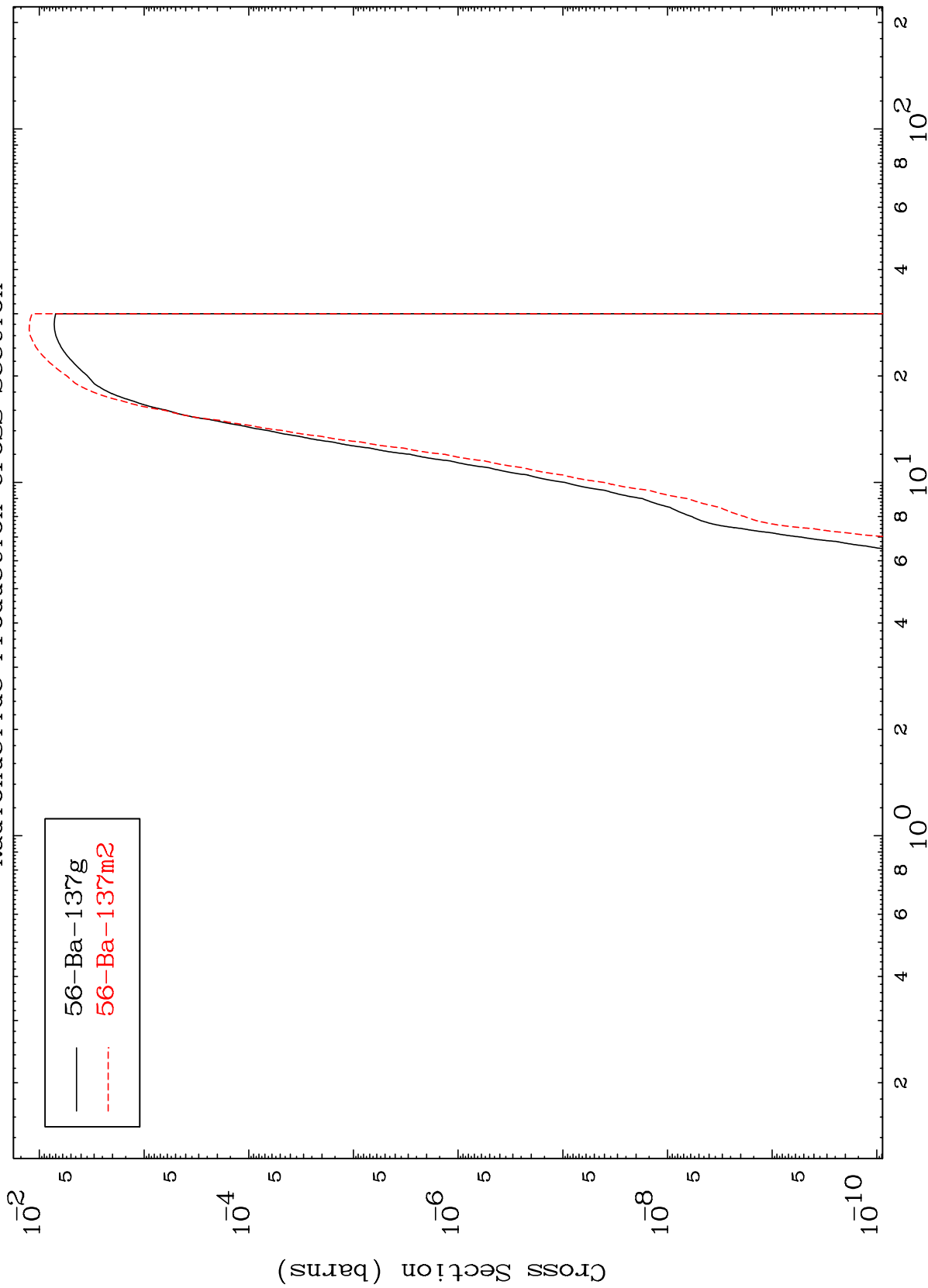
58-Ce-141

MAT 5840

$(n, n') \alpha$

58-Ce-141

Radionuclide Production Cross Section



140

Incident Energy (MeV)

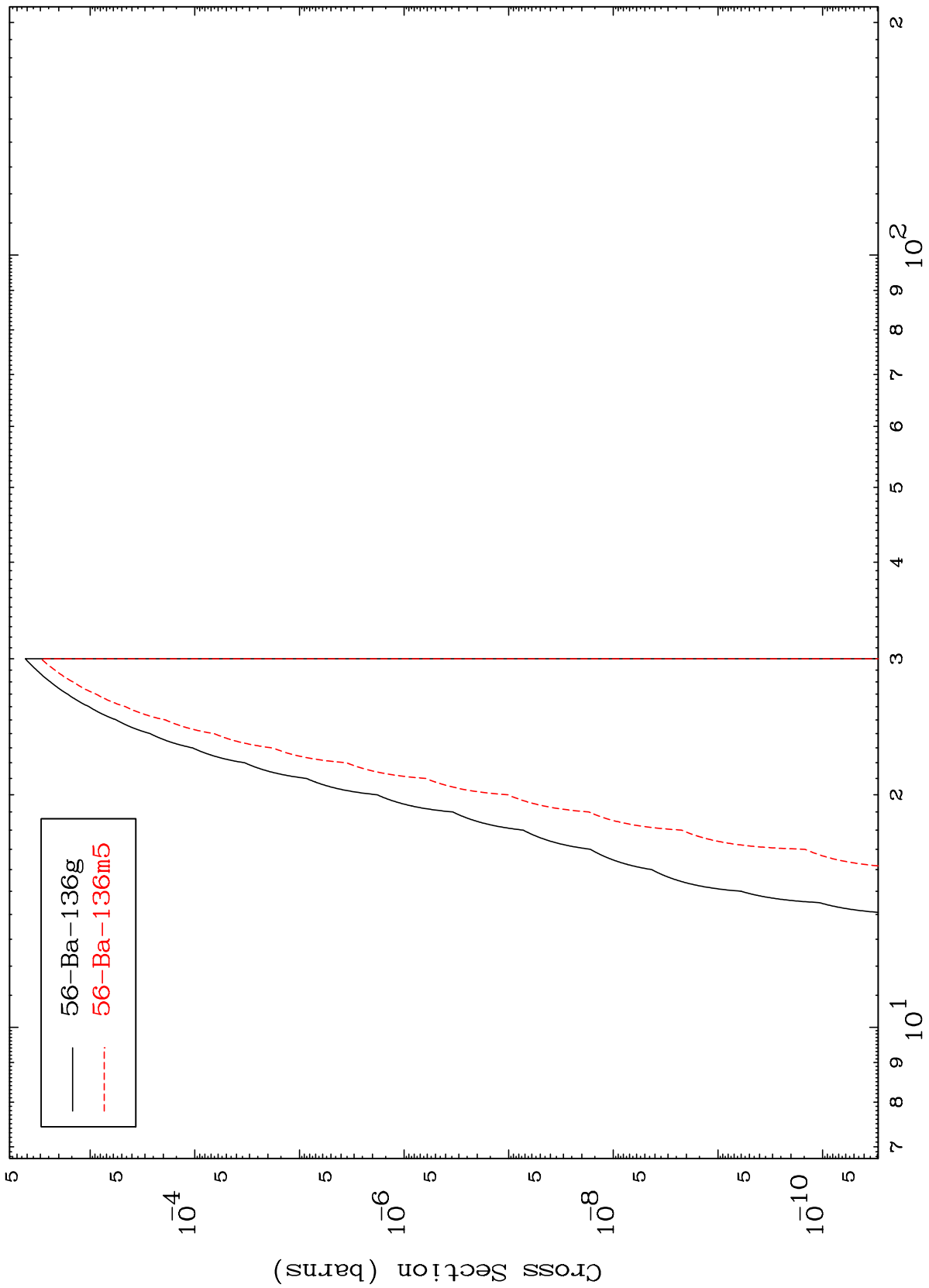
58-Ce-141

MAT 5840

(n,2n) α

58-Ce-141

Radionuclide Production Cross Section



56-Ba-136g
56-Ba-136m5

141

Incident Energy (MeV)

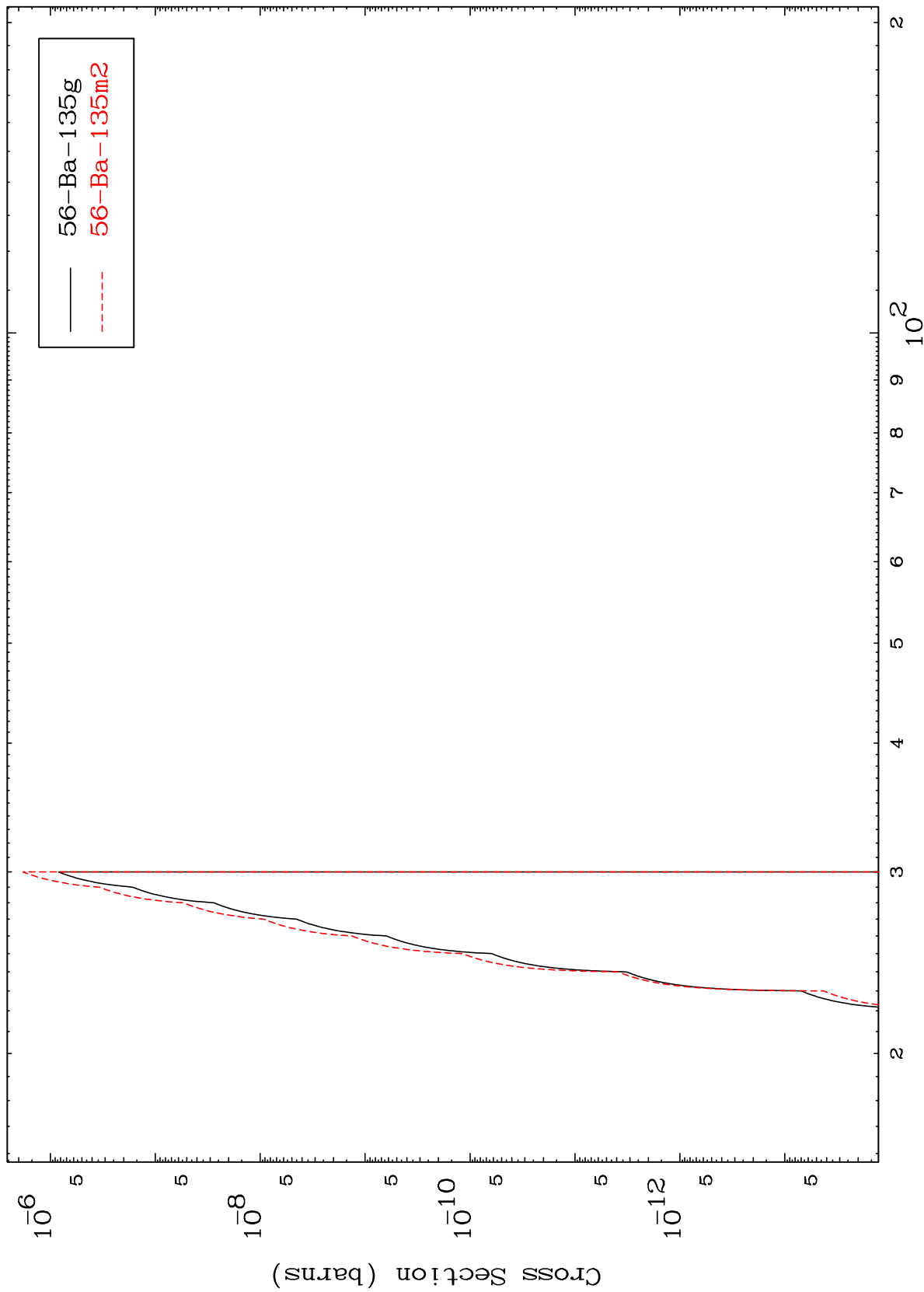
58-Ce-141

MAT 5840

(n,3n) α

58-Ce-141

Radionuclide Production Cross Section



142

Incident Energy (MeV)

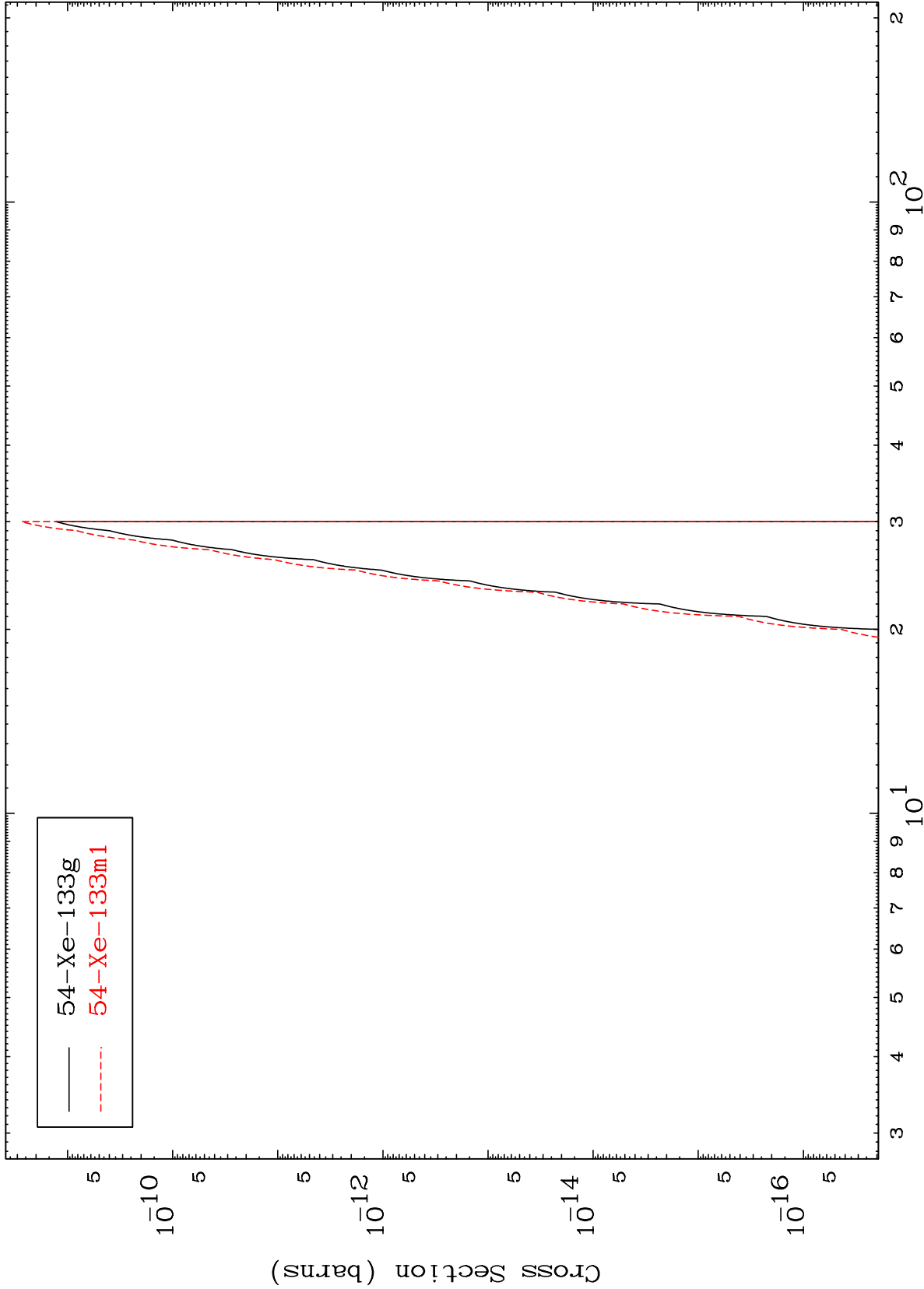
58-Ce-141

MAT 5840

(n,n') 2α

58-Ce-141

Radionuclide Production Cross Section



143

Incident Energy (MeV)

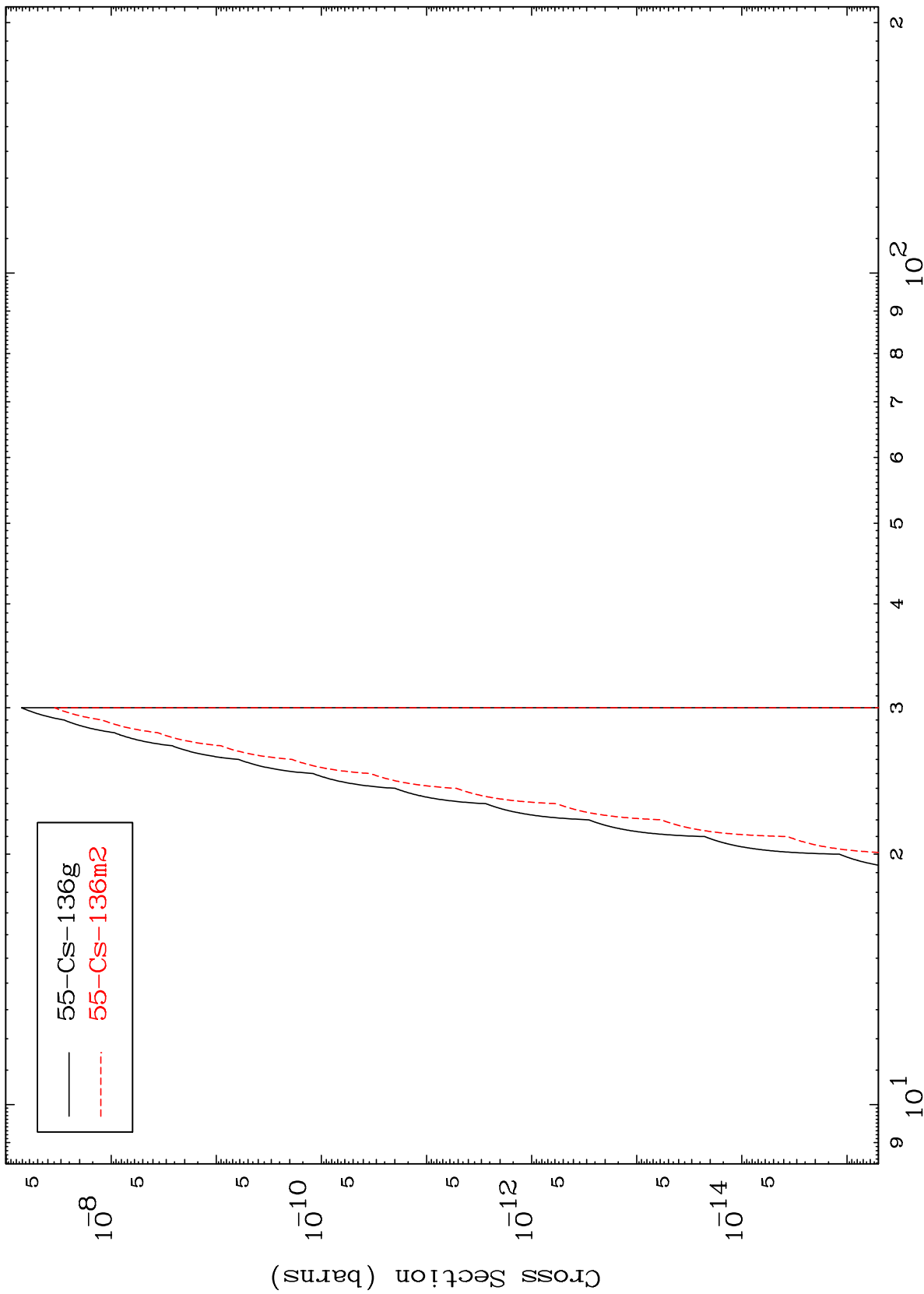
58-Ce-141

MAT 5840

(n,n') p α

58-Ce-141

Radionuclide Production Cross Section



144

Incident Energy (MeV)

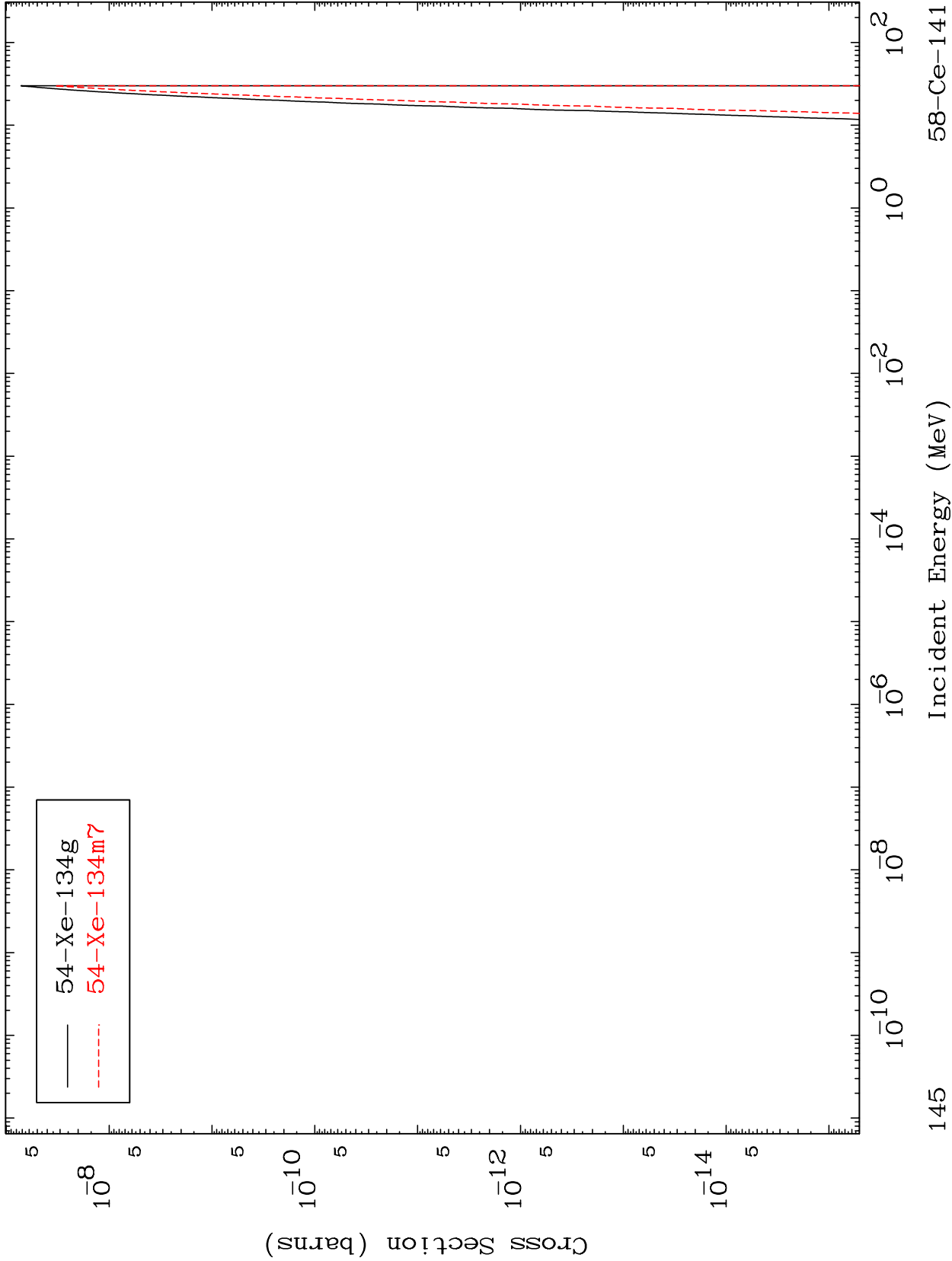
58-Ce-141

MAT 5840

(n,2α)

58-Ce-141

Radionuclide Production Cross Section



54-Xe-134g
54-Xe-134m7

145

Incident Energy (MeV)

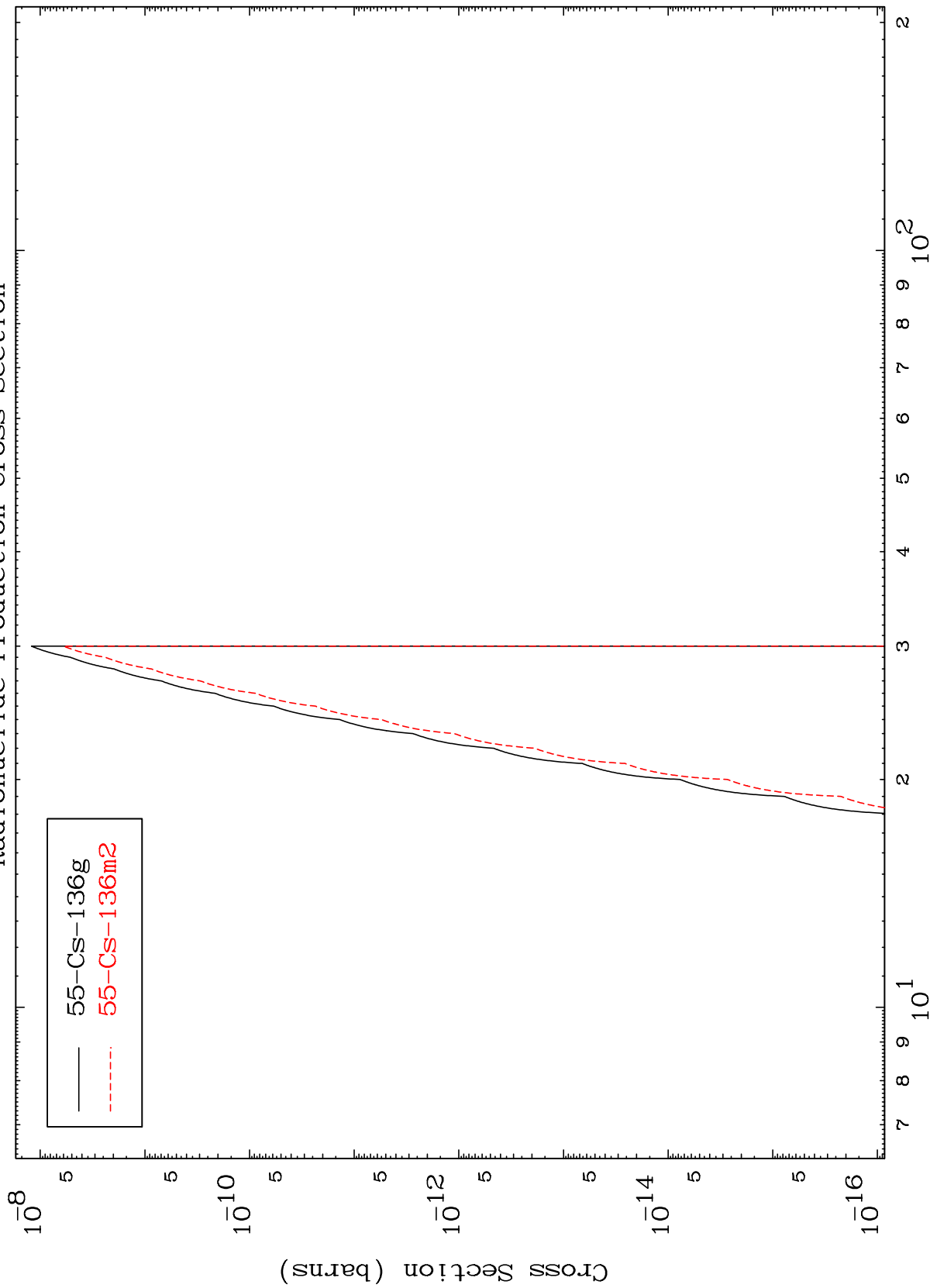
58-Ce-141

MAT 5840

(n,d) α

58-Ce-141

Radionuclide Production Cross Section



146

Incident Energy (MeV)

58-Ce-141