

Program EVALPLOT
(Version 2015-2)

by

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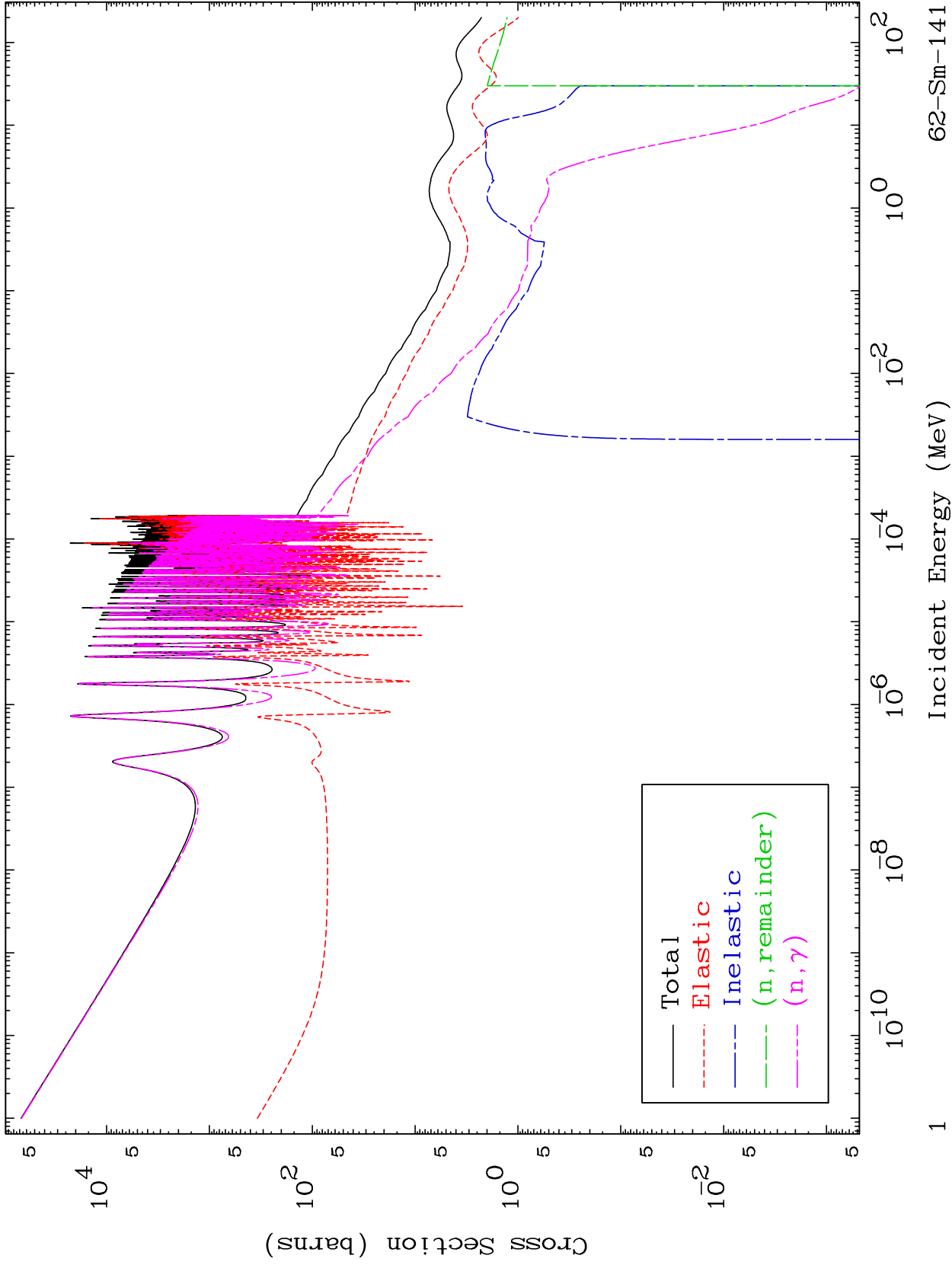
Press Mouse Button to Start

MAT 6216

Major

293 Kelvin Cross Sections

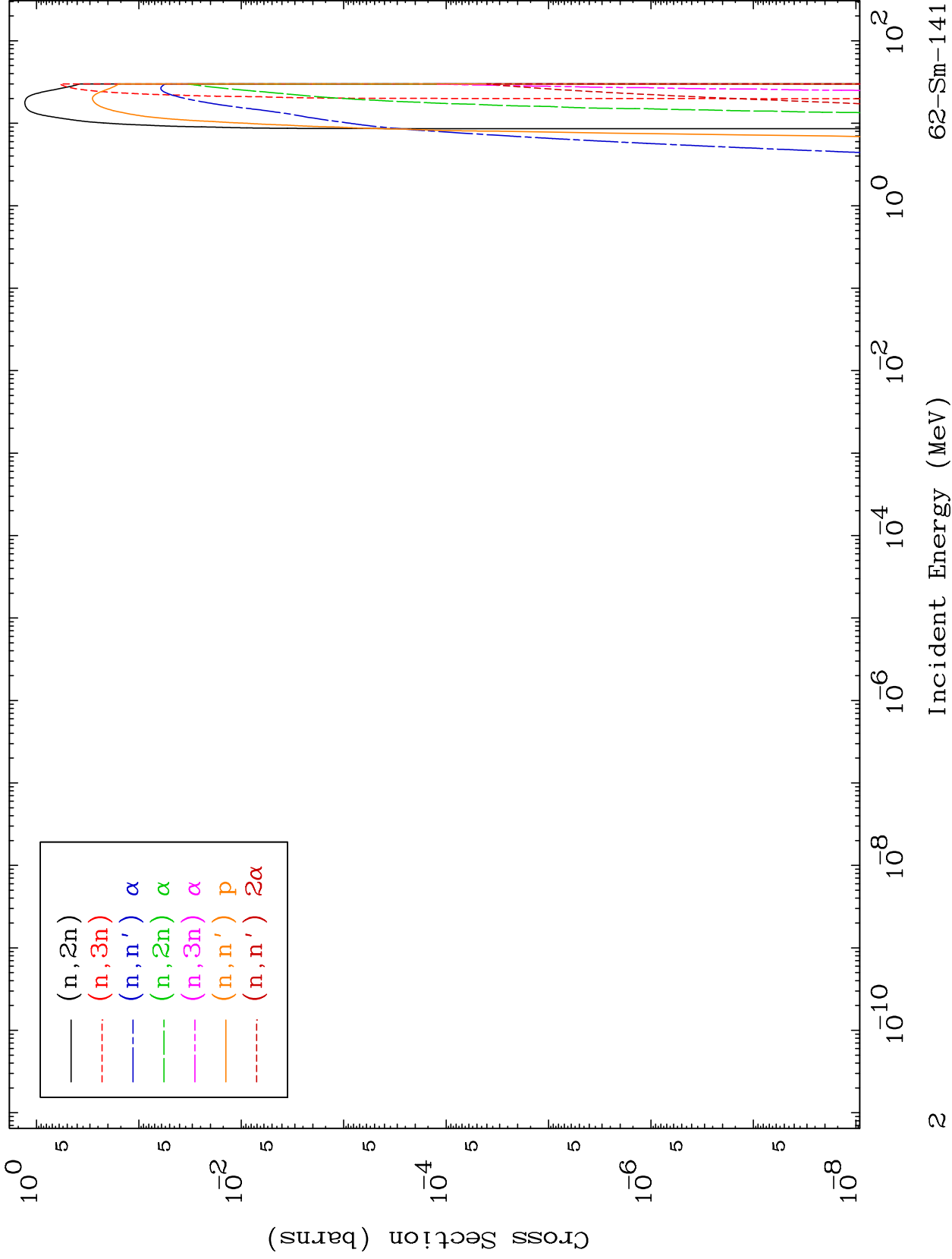
62-Sm-141

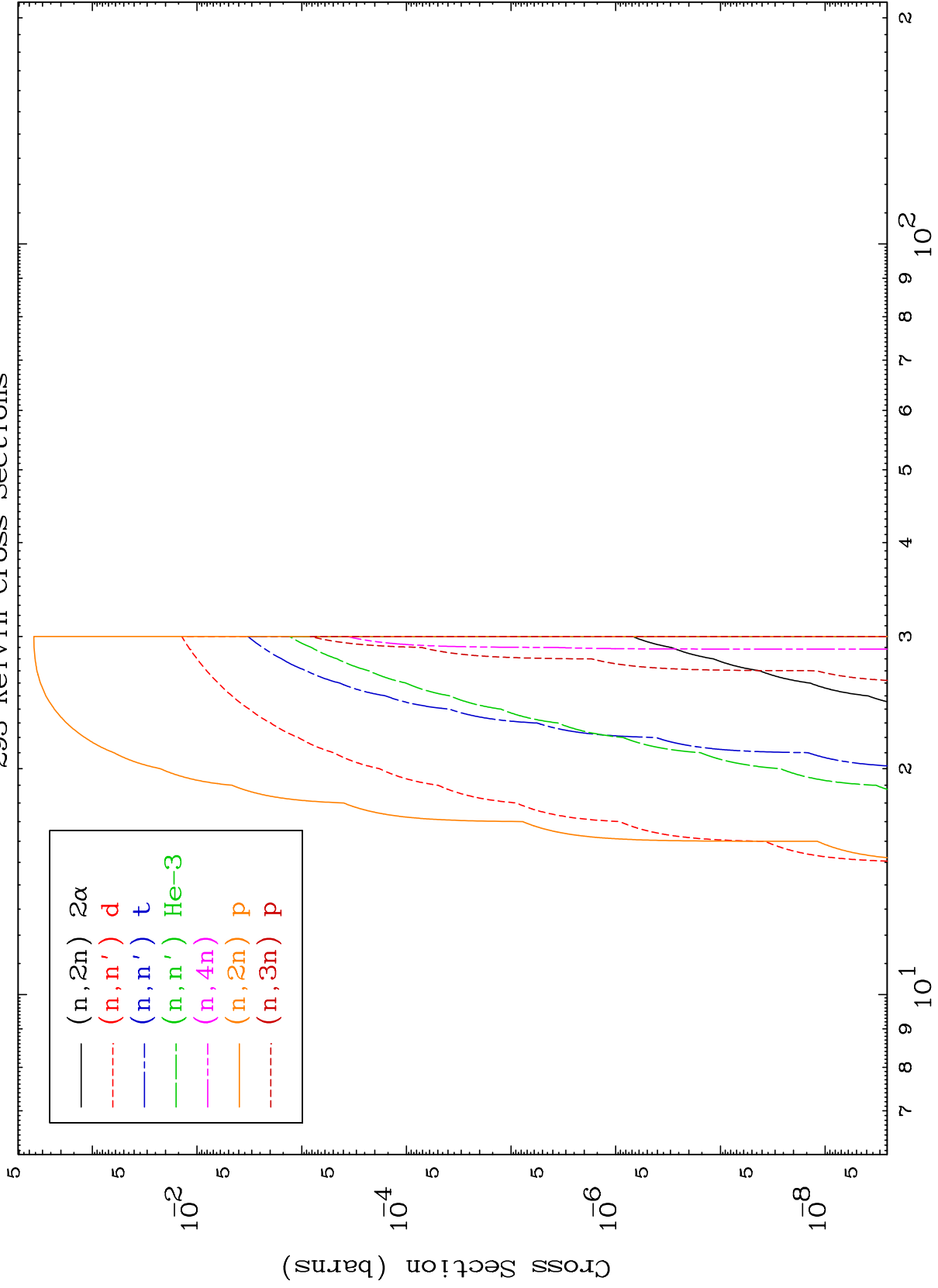


MAT 6216

Neutron Production
293 Kelvin Cross Sections

62-Sm-141

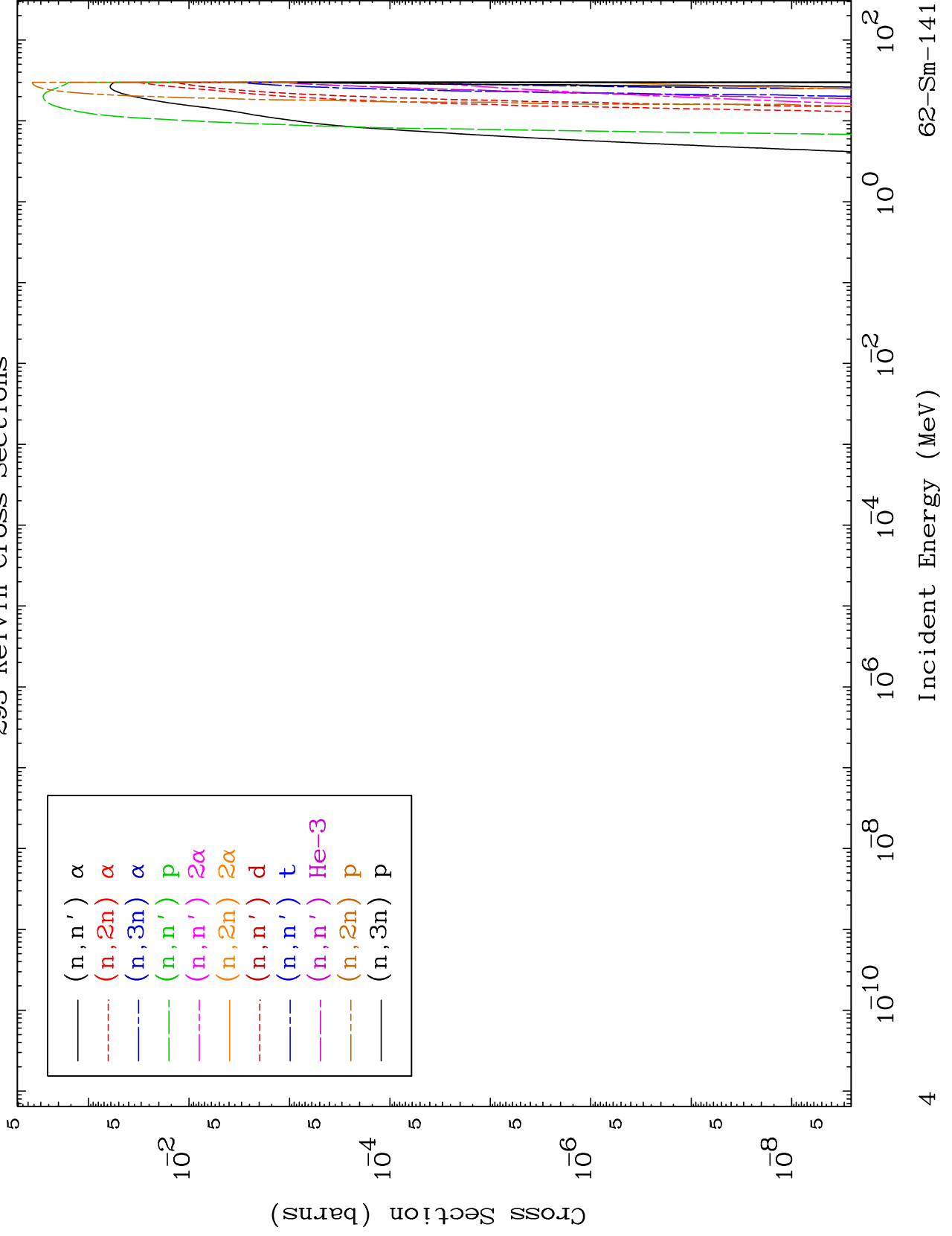




MAT 6216

Charged Particle
293 Kelvin Cross Sections

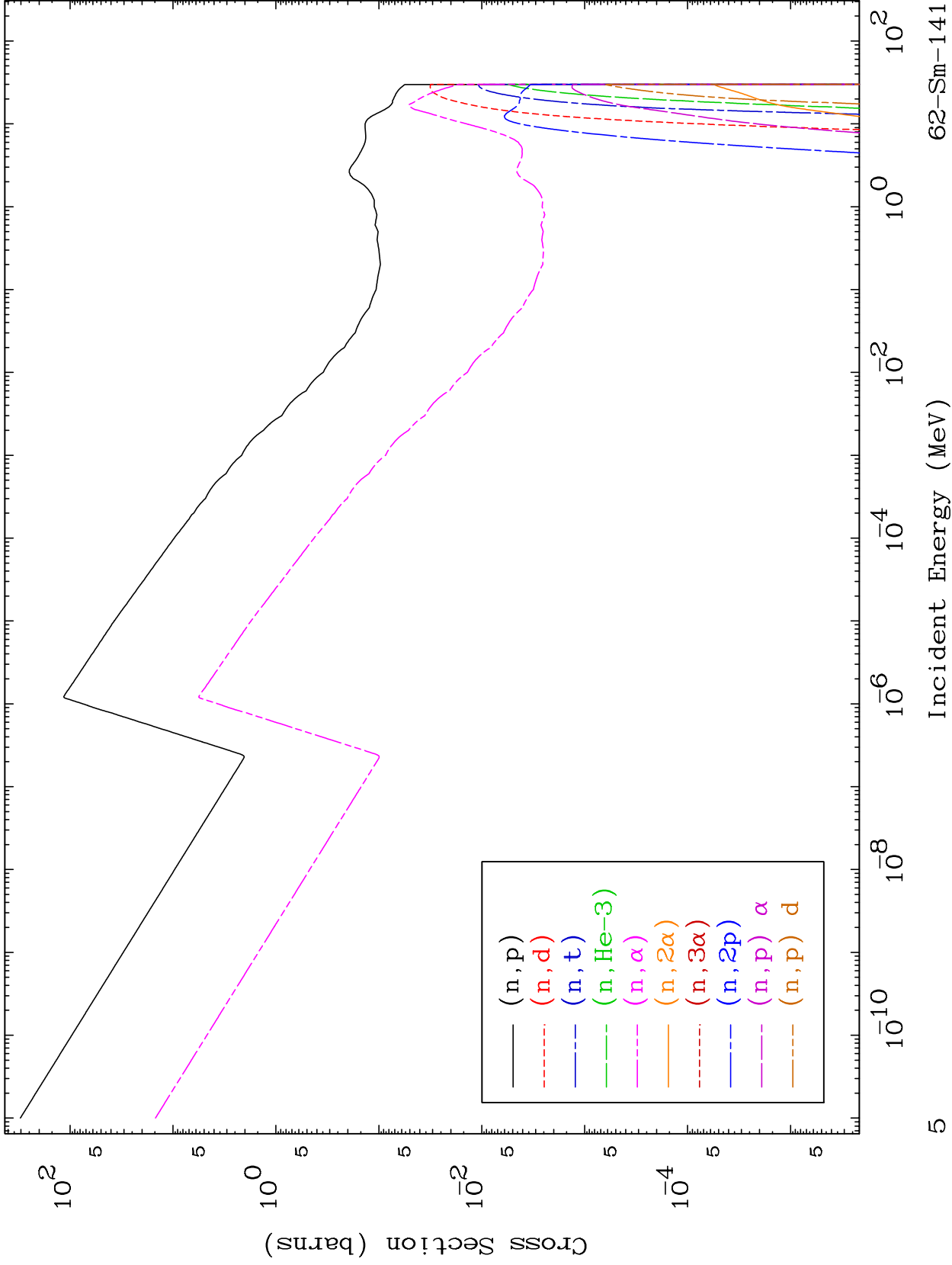
62-Sm-141



MAT 6216

Charged Particle
293 Kelvin Cross Sections

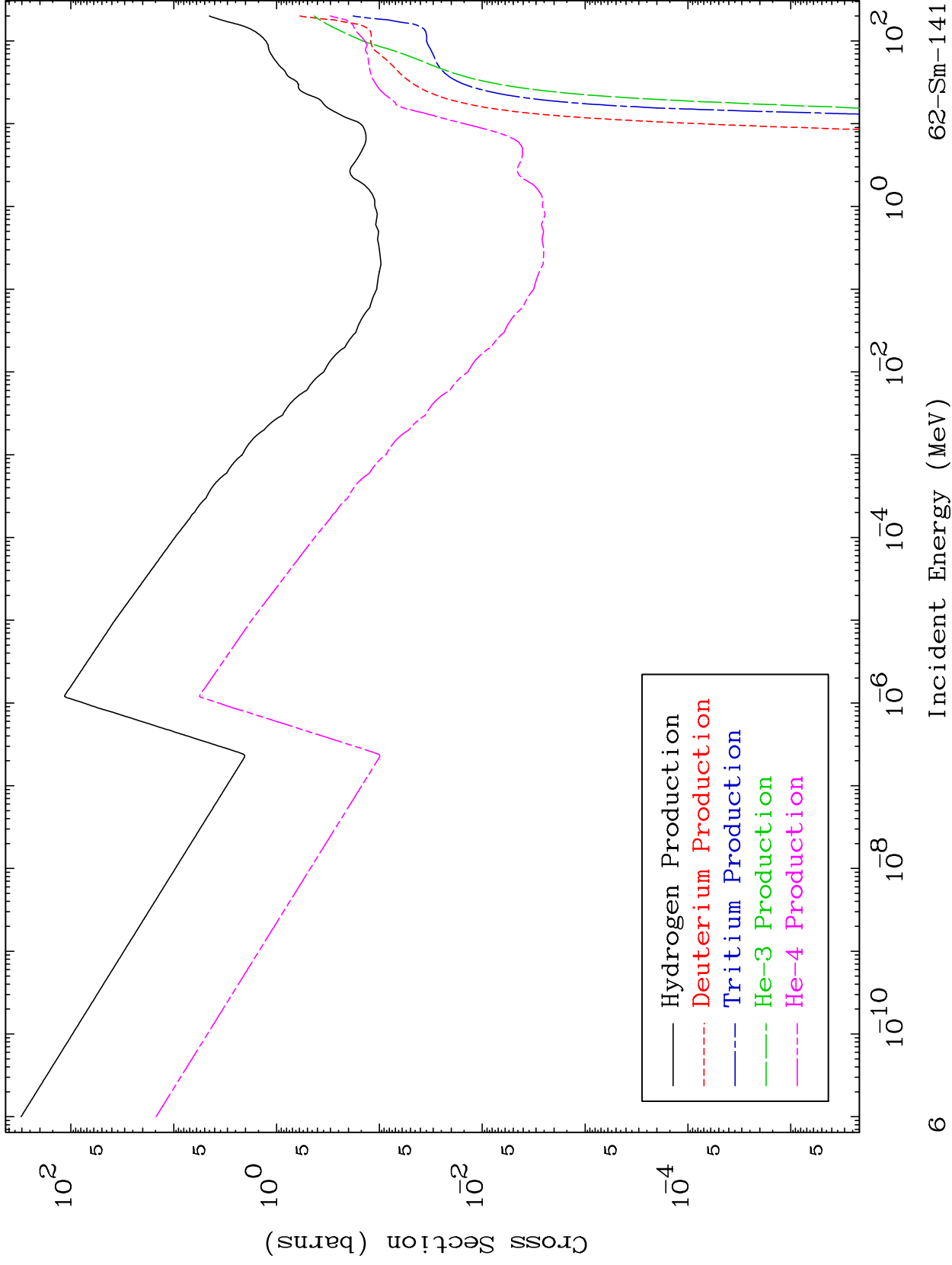
62-Sm-141



MAT 6216

Particle Production
293 Kelvin Cross Sections

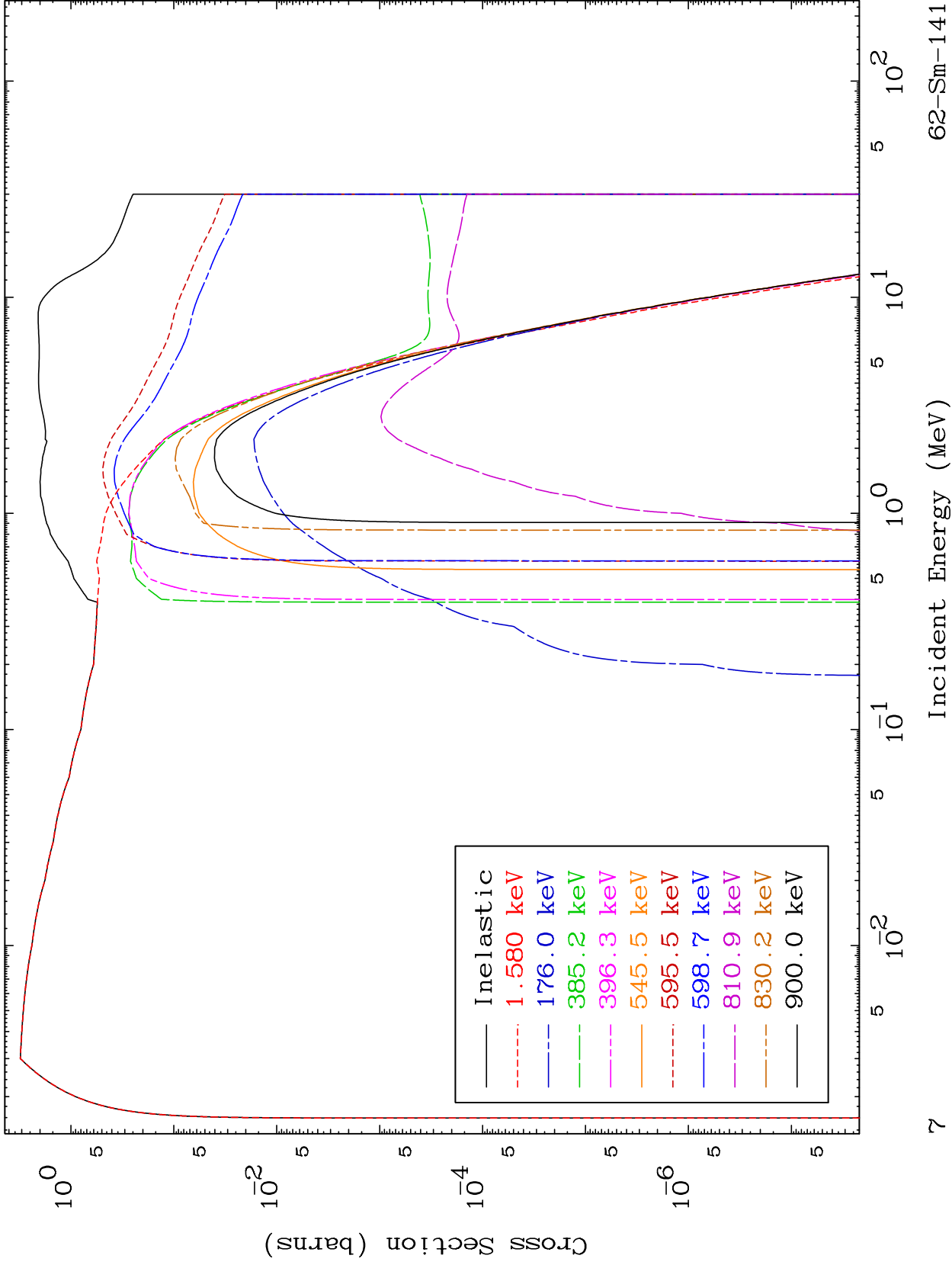
62-Sm-141



MAT 6216

(n,n') Level
293 Kelvin Cross Sections

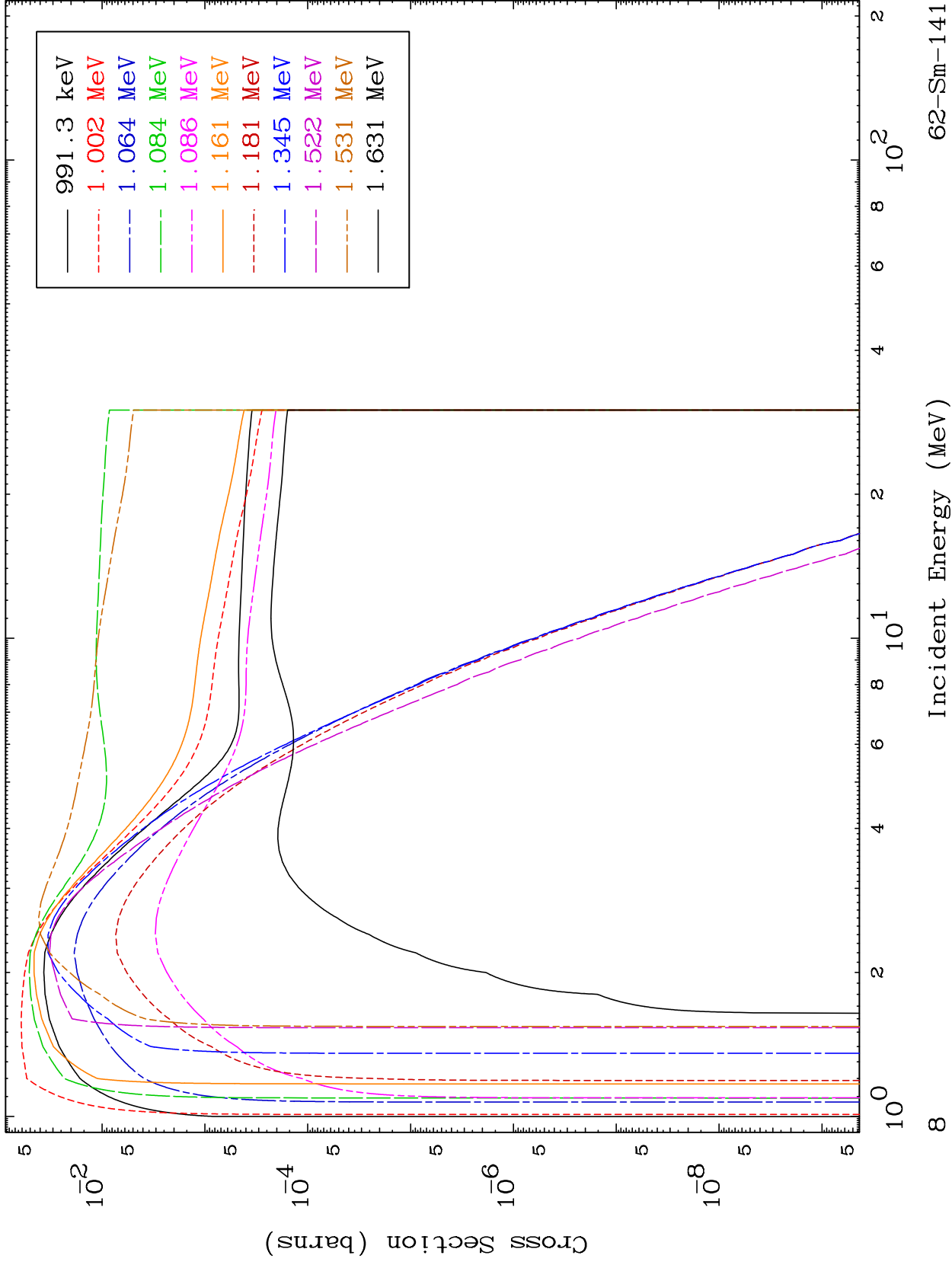
62-Sm-141



MAT 6216

(n,n') Level
293 Kelvin Cross Sections

62-Sm-141

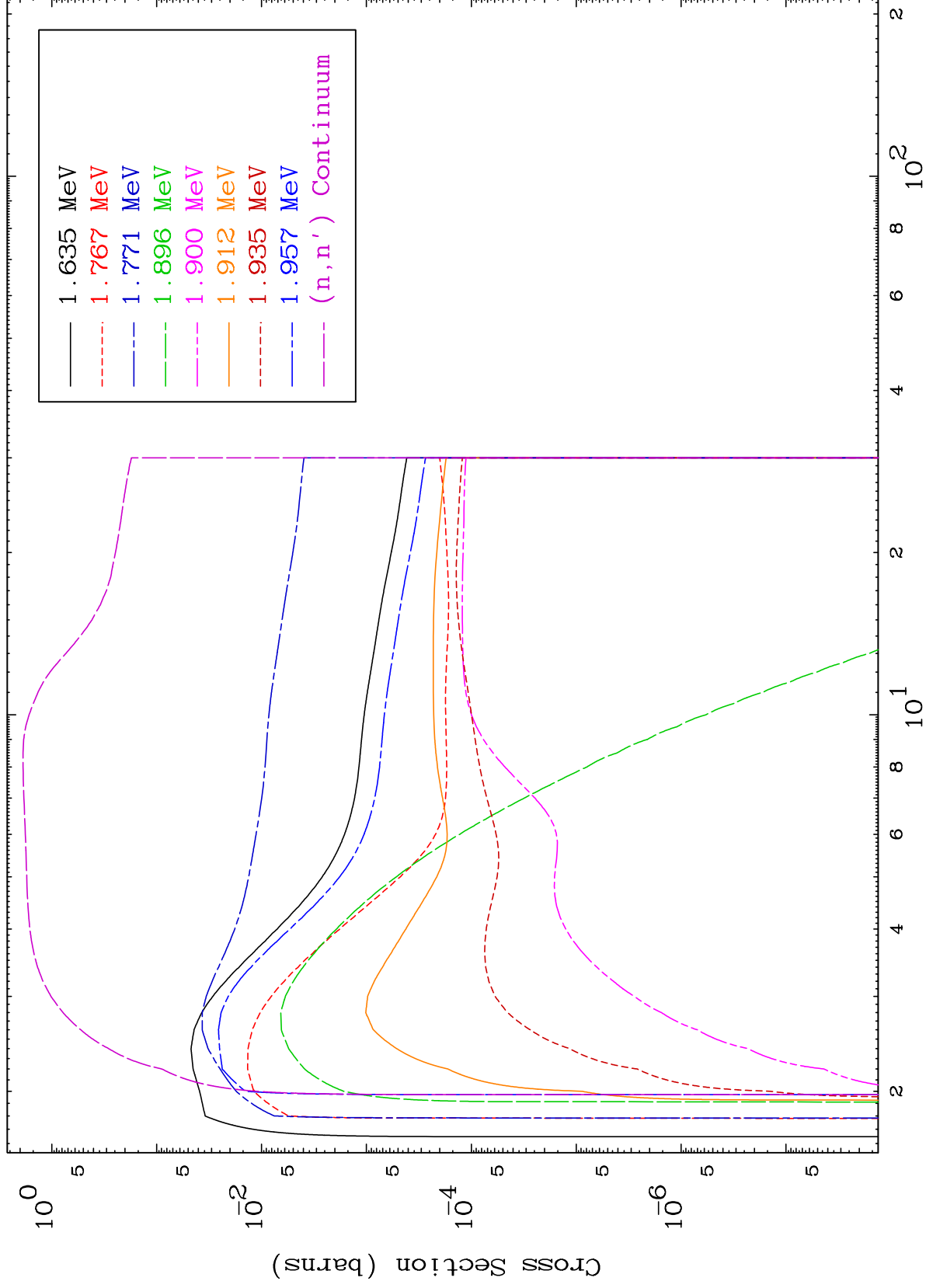


MAT 6216

(n,n') Level

62-Sm-141

293 Kelvin Cross Sections



9

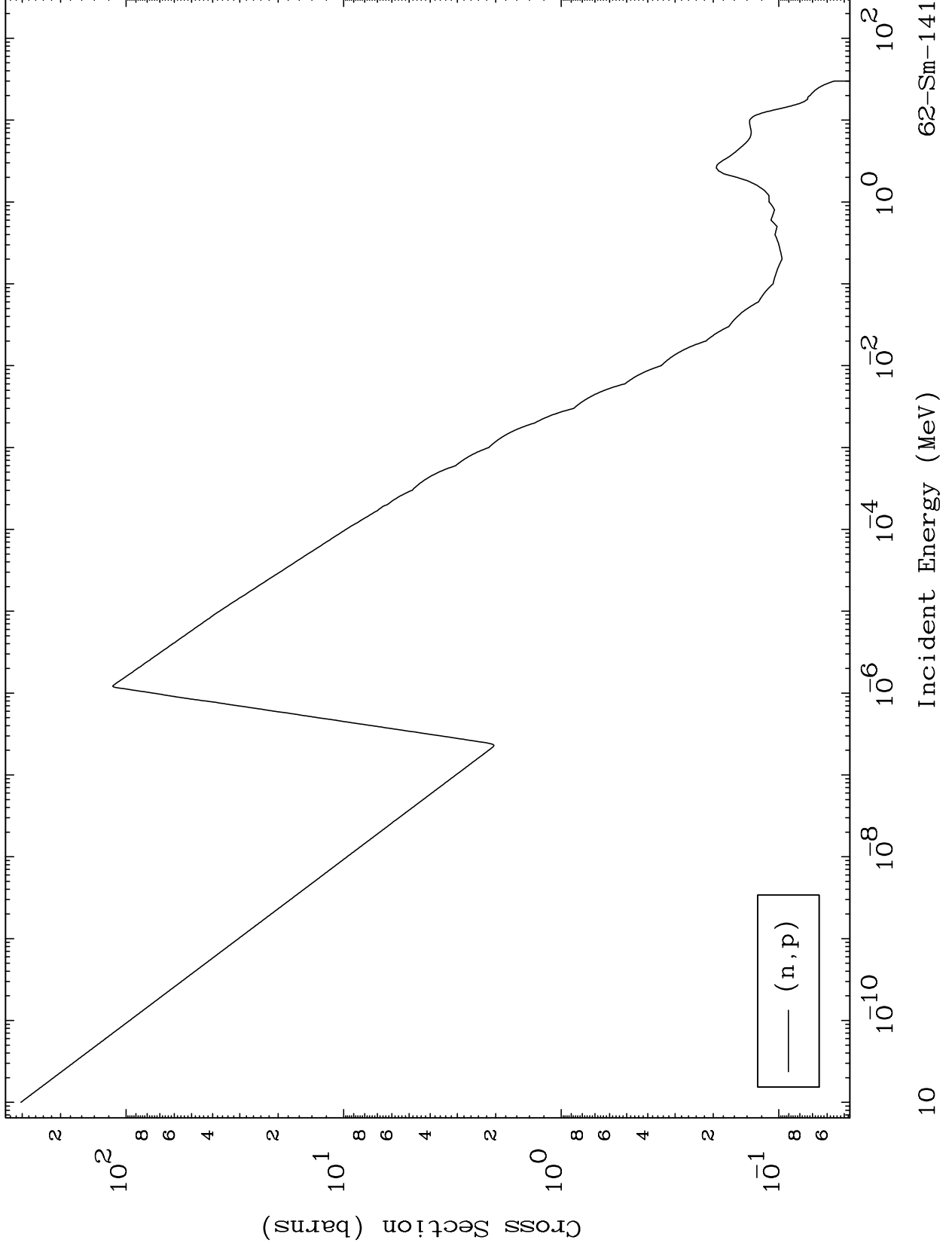
Incident Energy (MeV)

62-Sm-141

MAT 6216

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-141



10

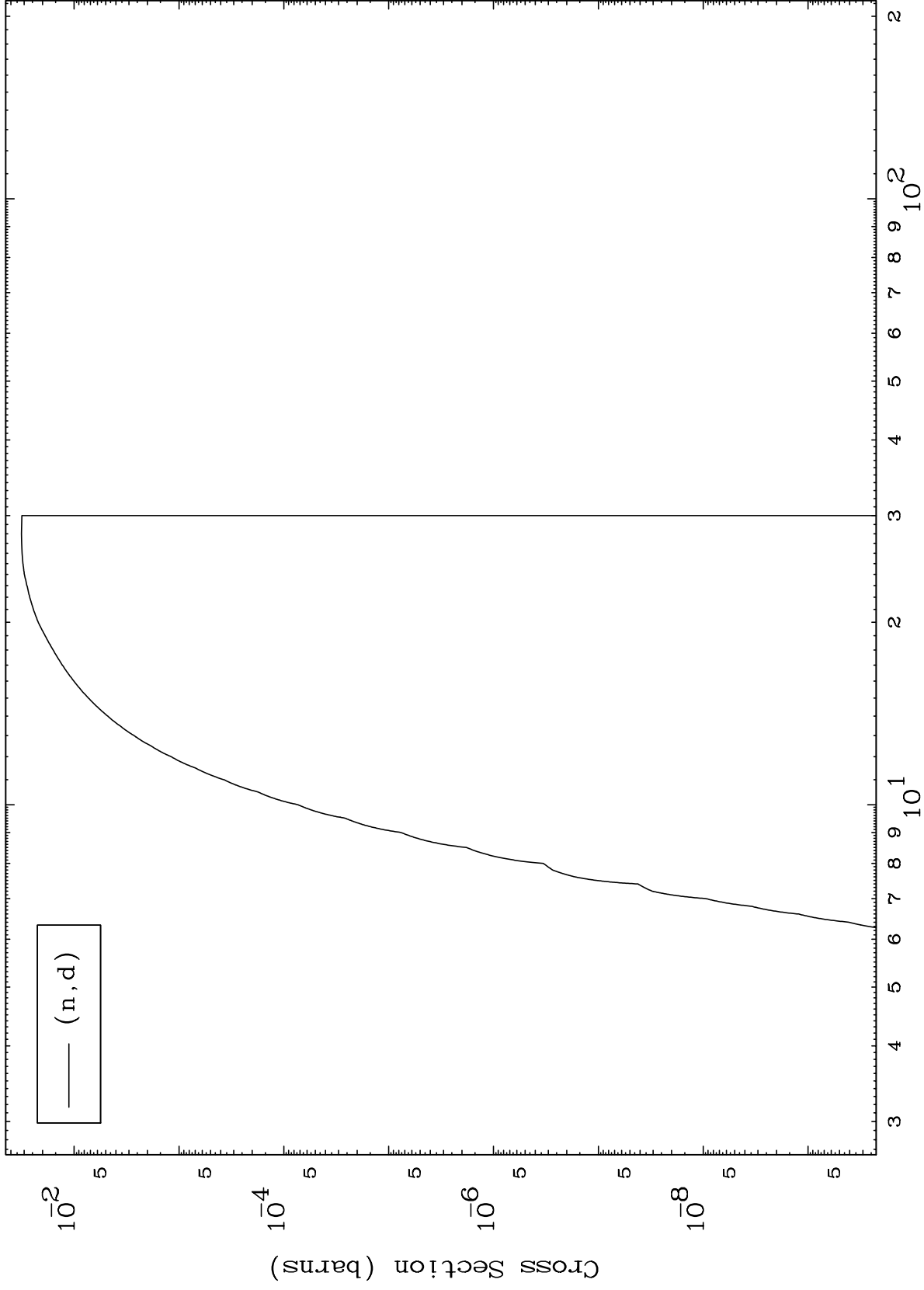
Incident Energy (MeV)

62-Sm-141

MAT 6216

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-141



11

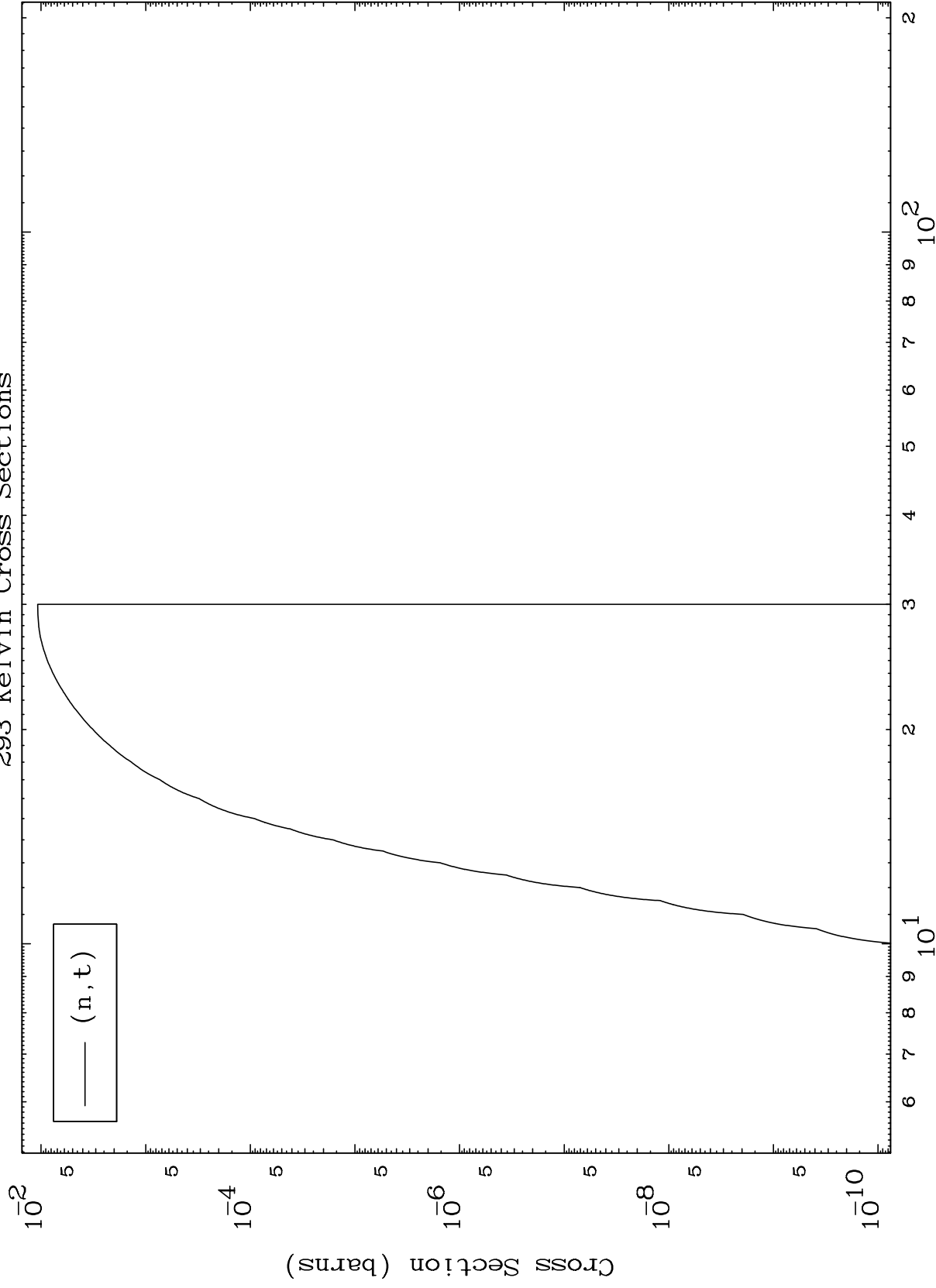
Incident Energy (MeV)

62-Sm-141

MAT 6216

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-141



12

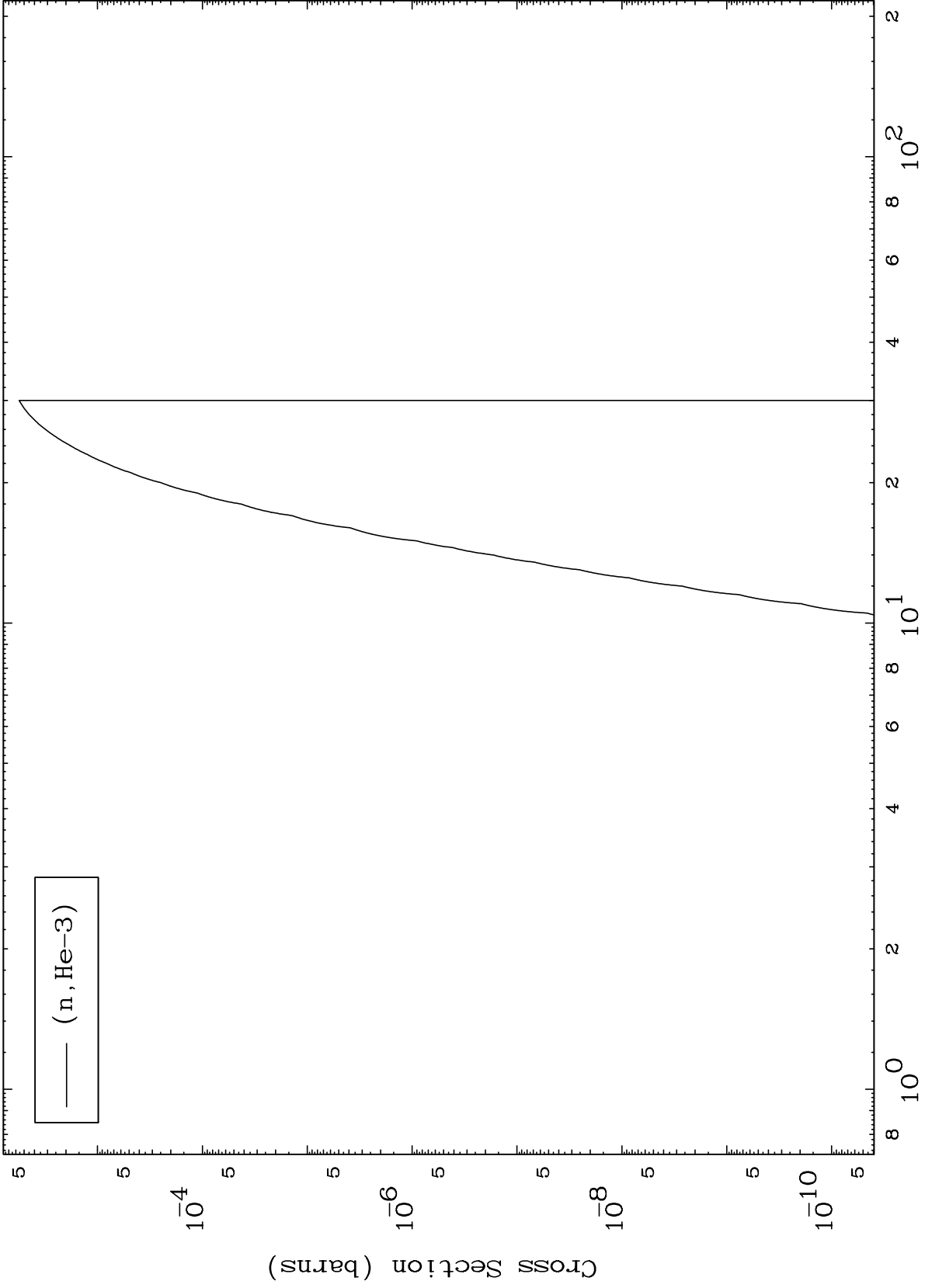
Incident Energy (MeV)

62-Sm-141

MAT 6216

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-141



13

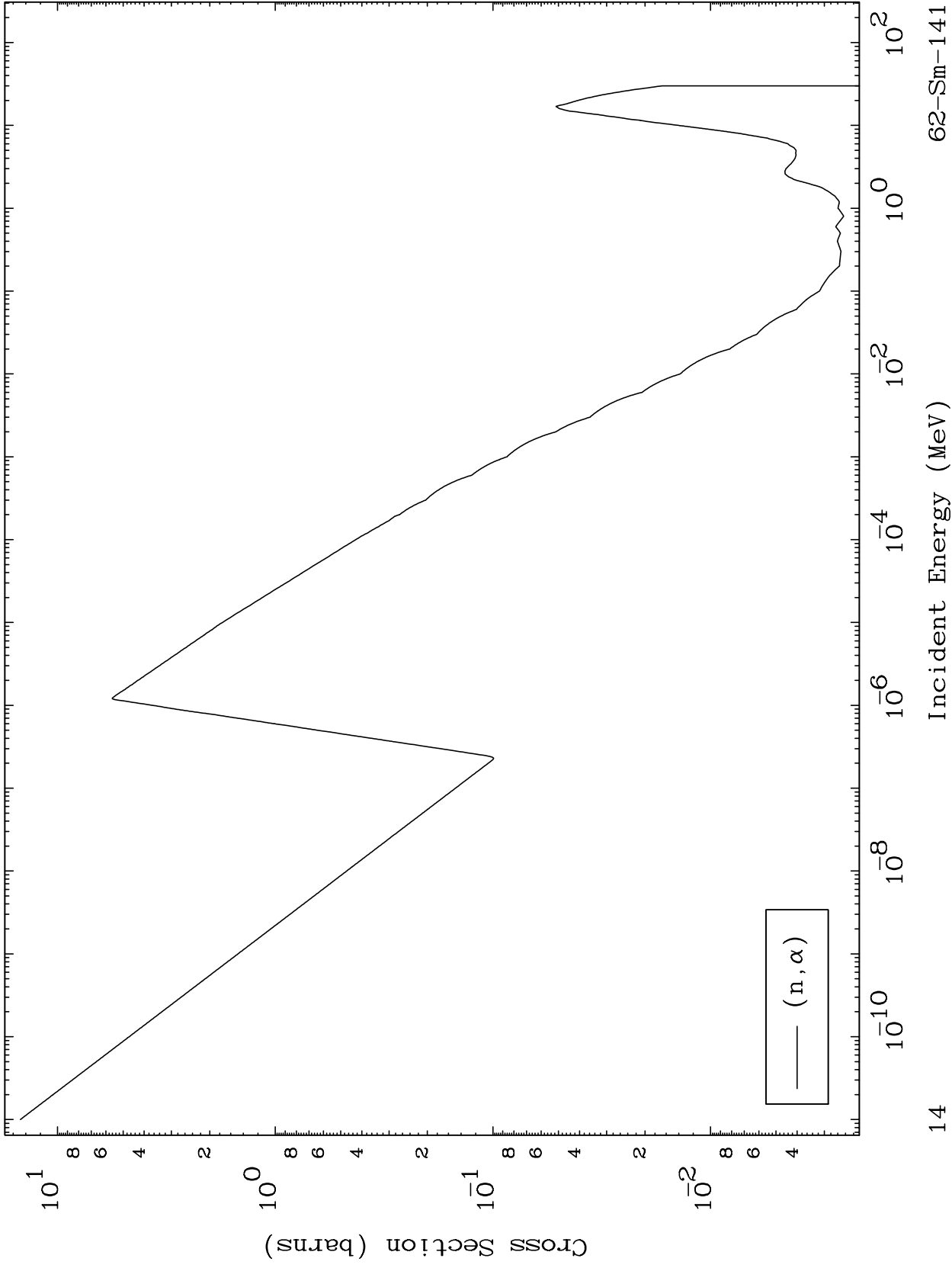
62-Sm-141

62-Sm-141

MAT 6216

(n,α) Levels
293 Kelvin Cross Sections

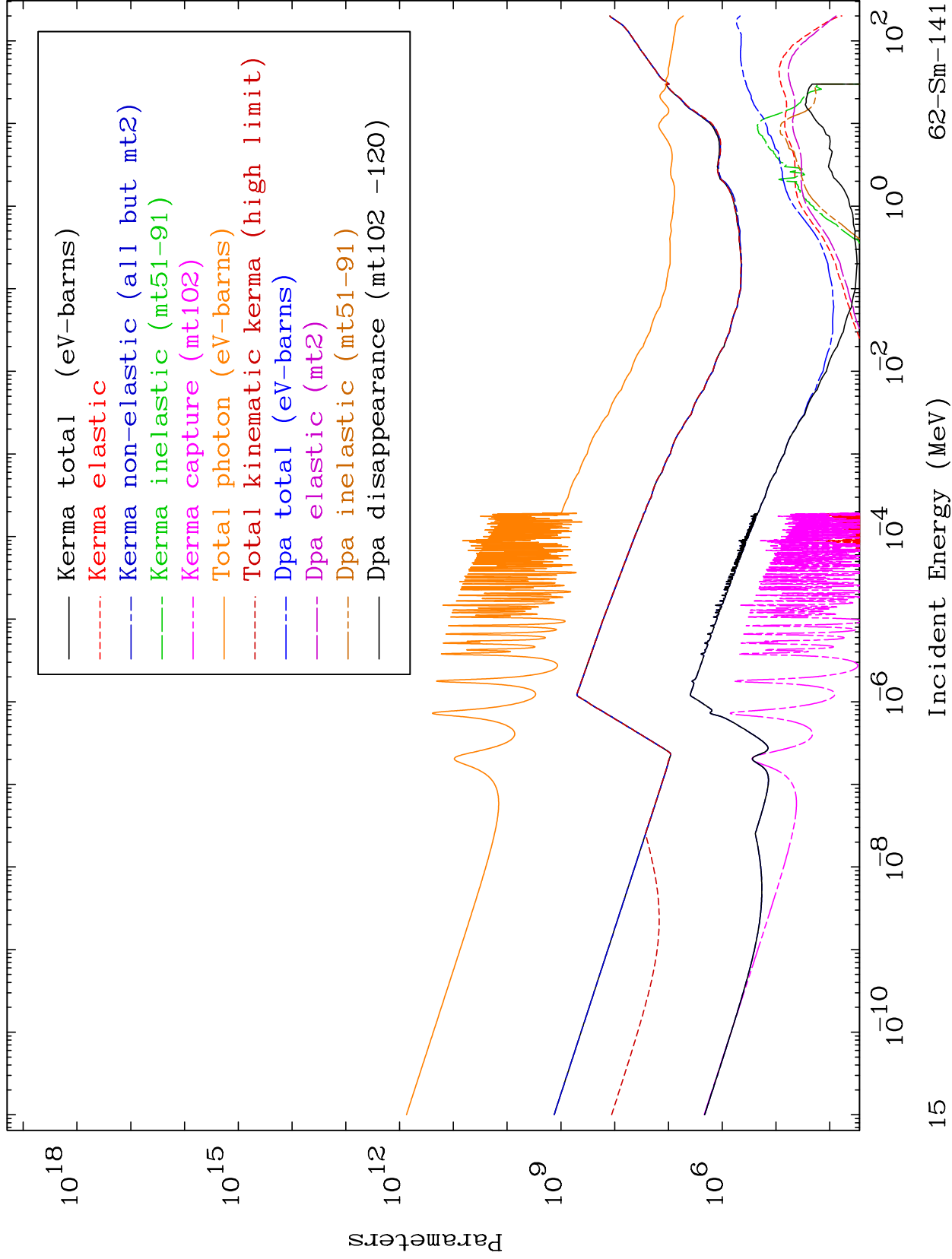
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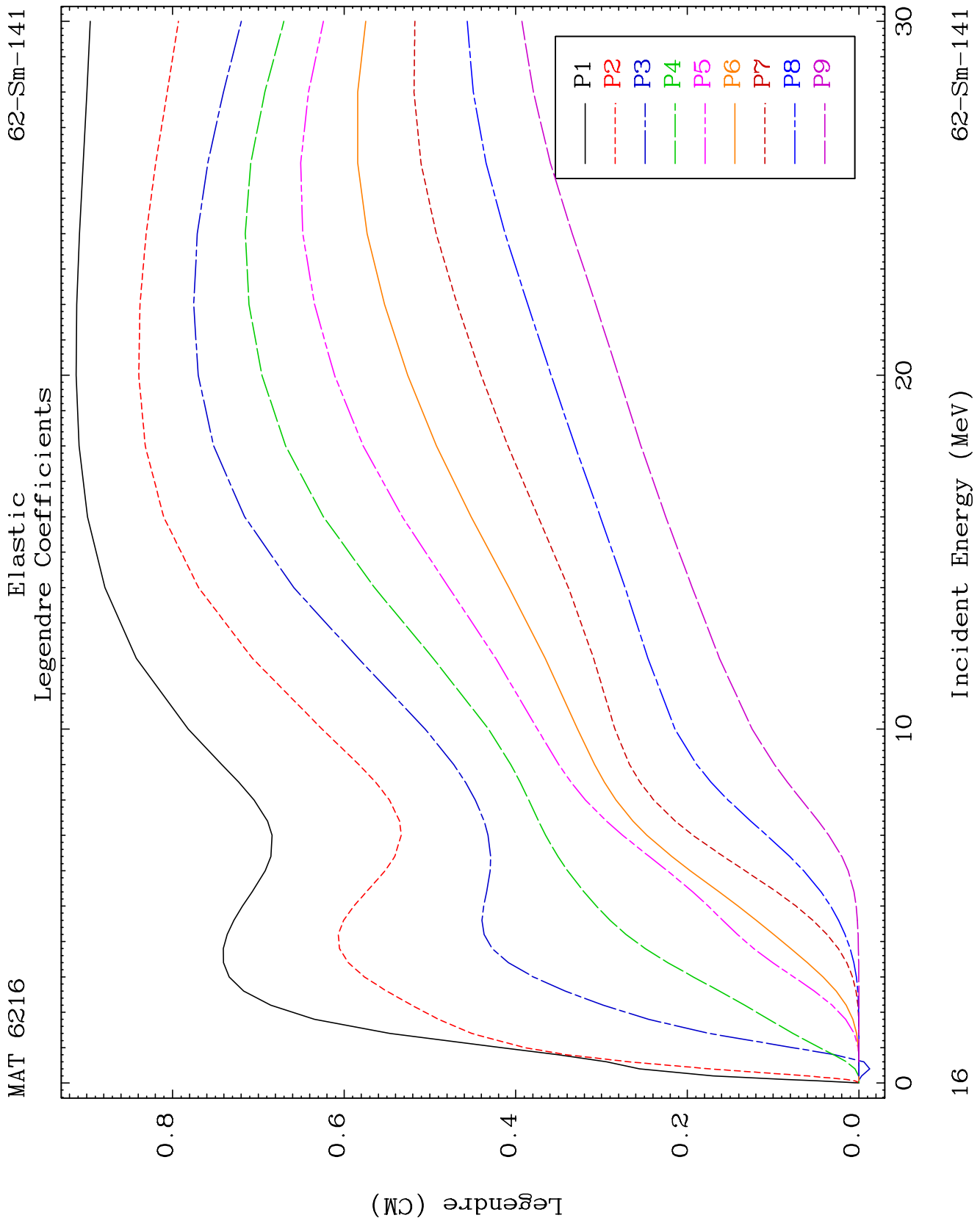


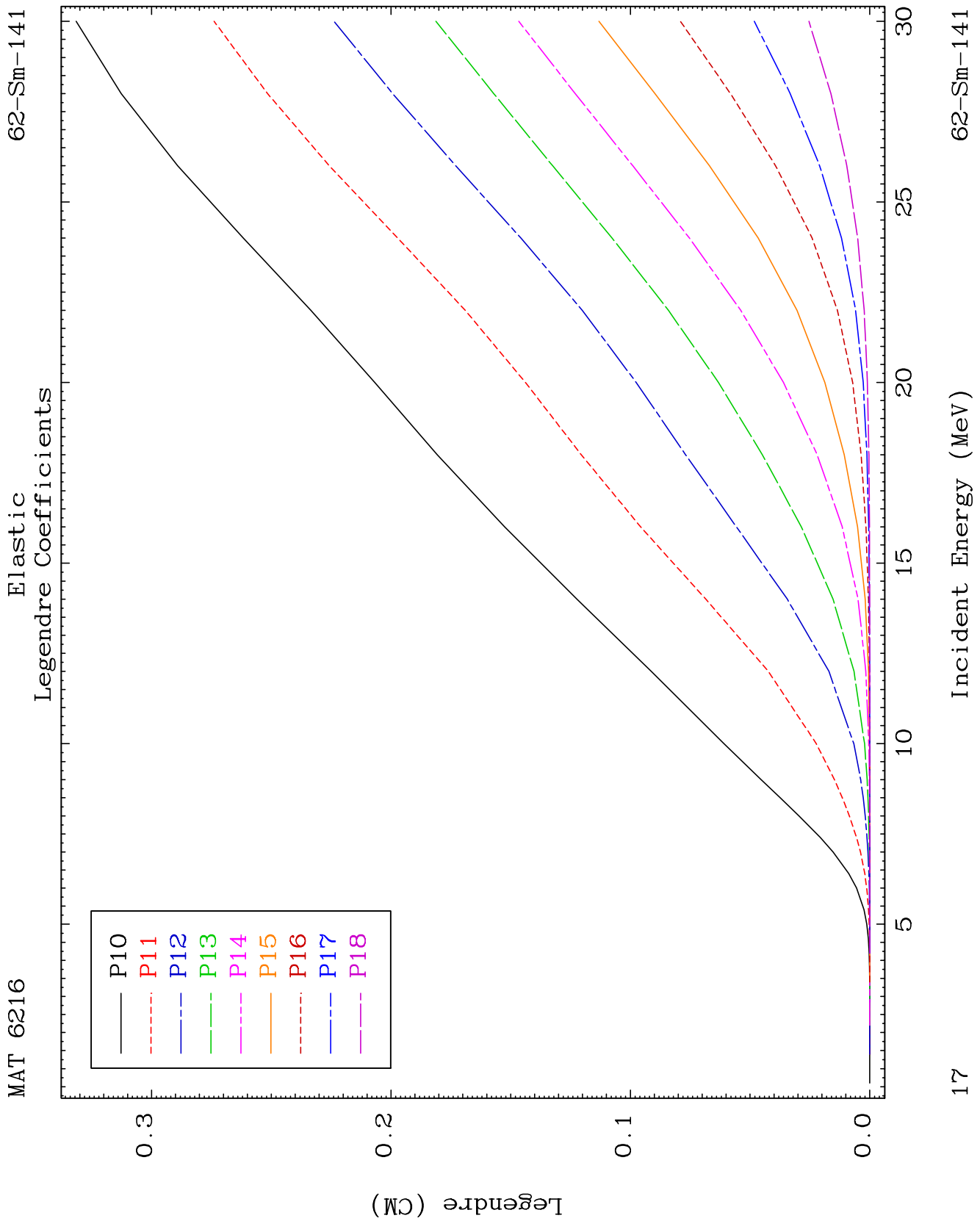
14

Incident Energy (MeV)

62-Sm-141



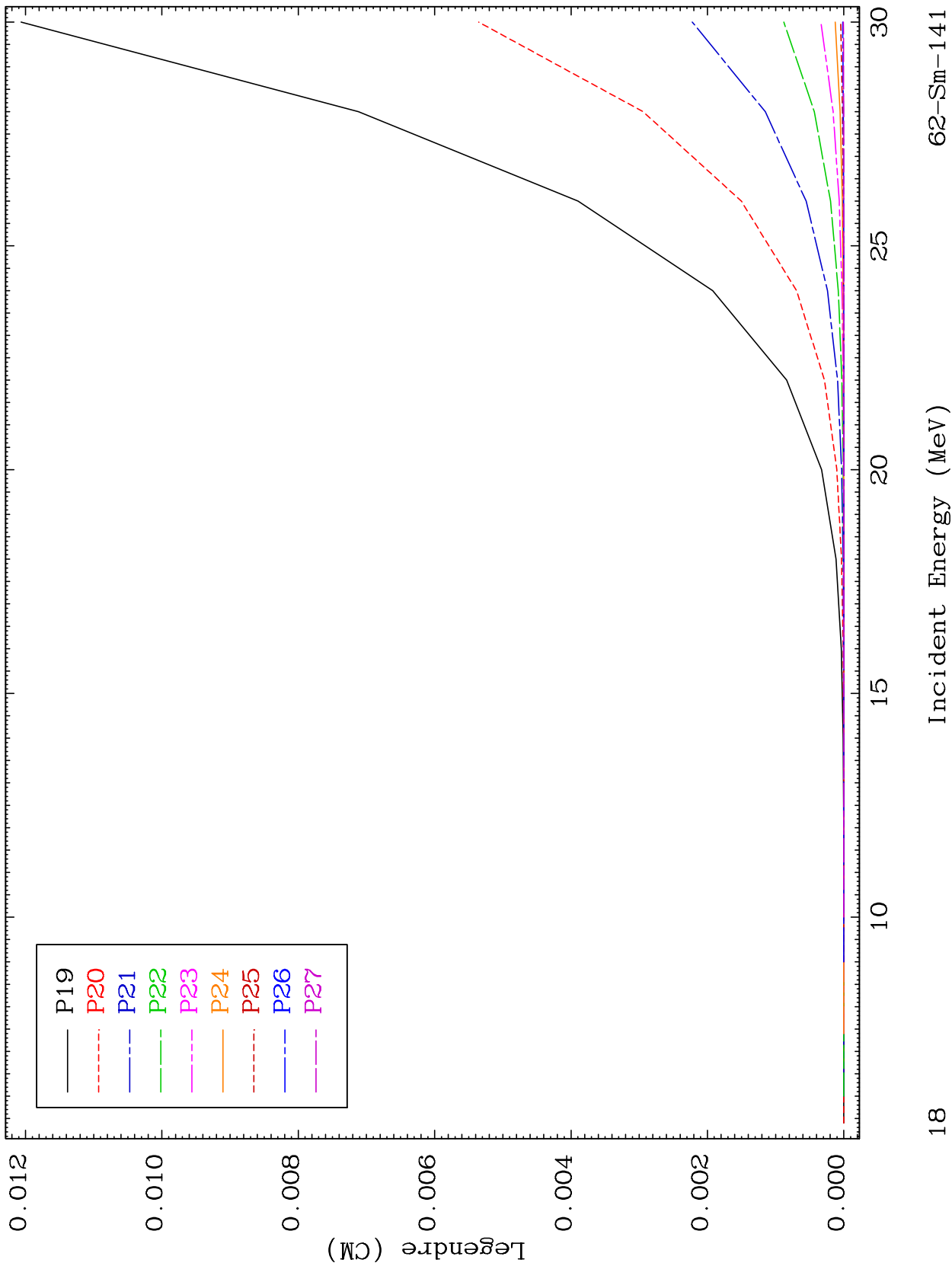




MAT 6216

Elastic Legendre Coefficients

62-Sm-141



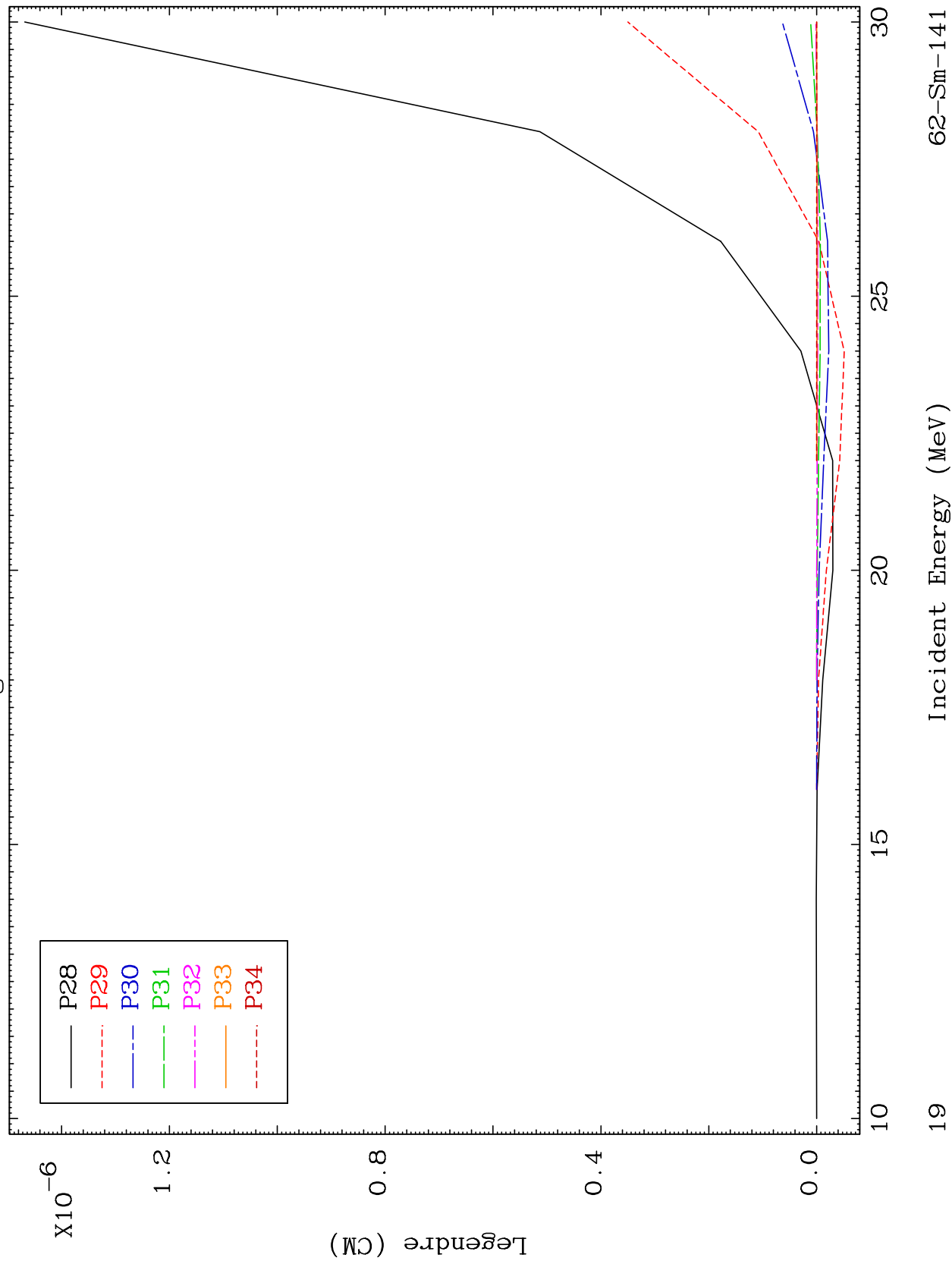
18

62-Sm-141

MAT 6216

Elastic Legendre Coefficients

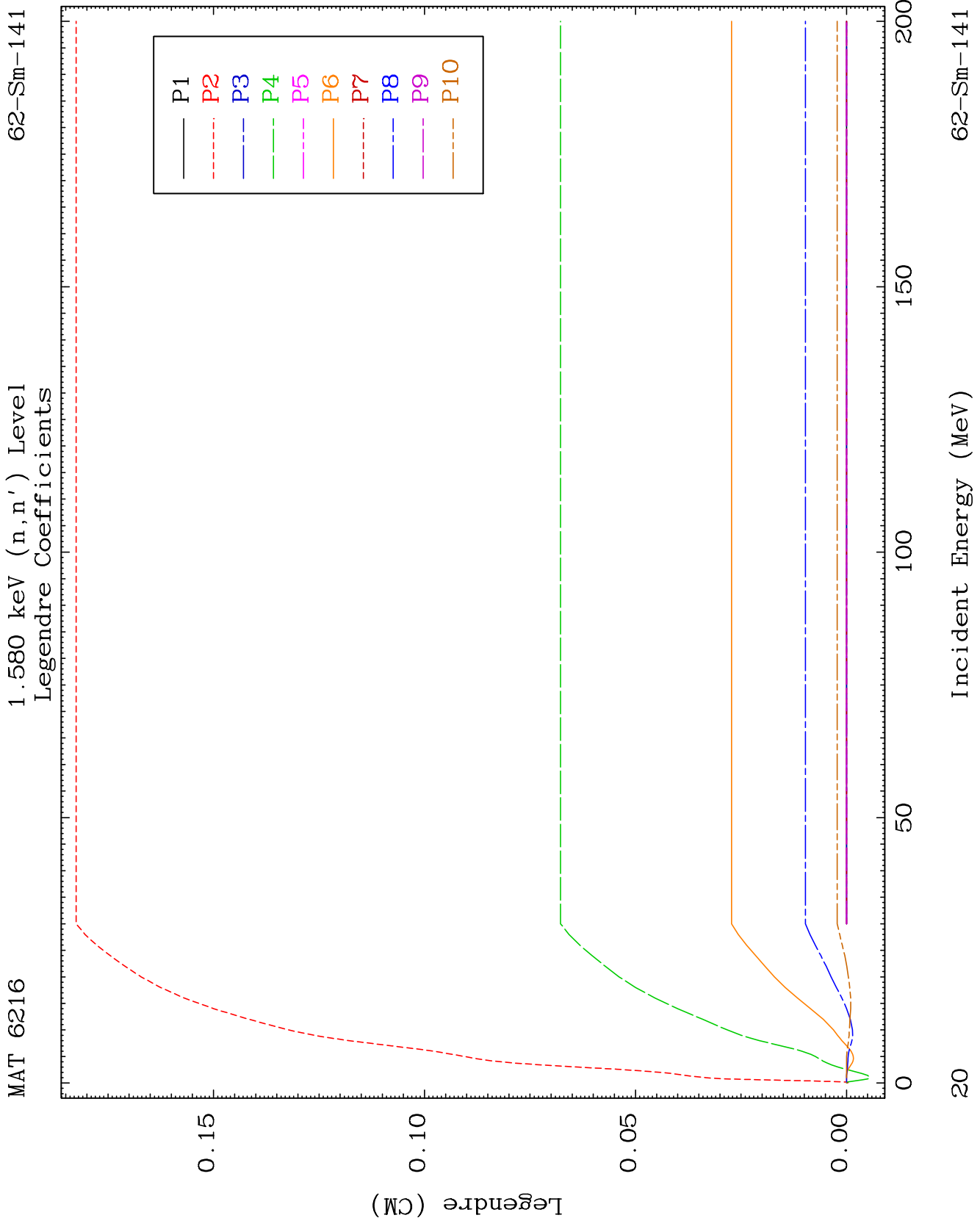
62-Sm-141



19

Incident Energy (MeV)

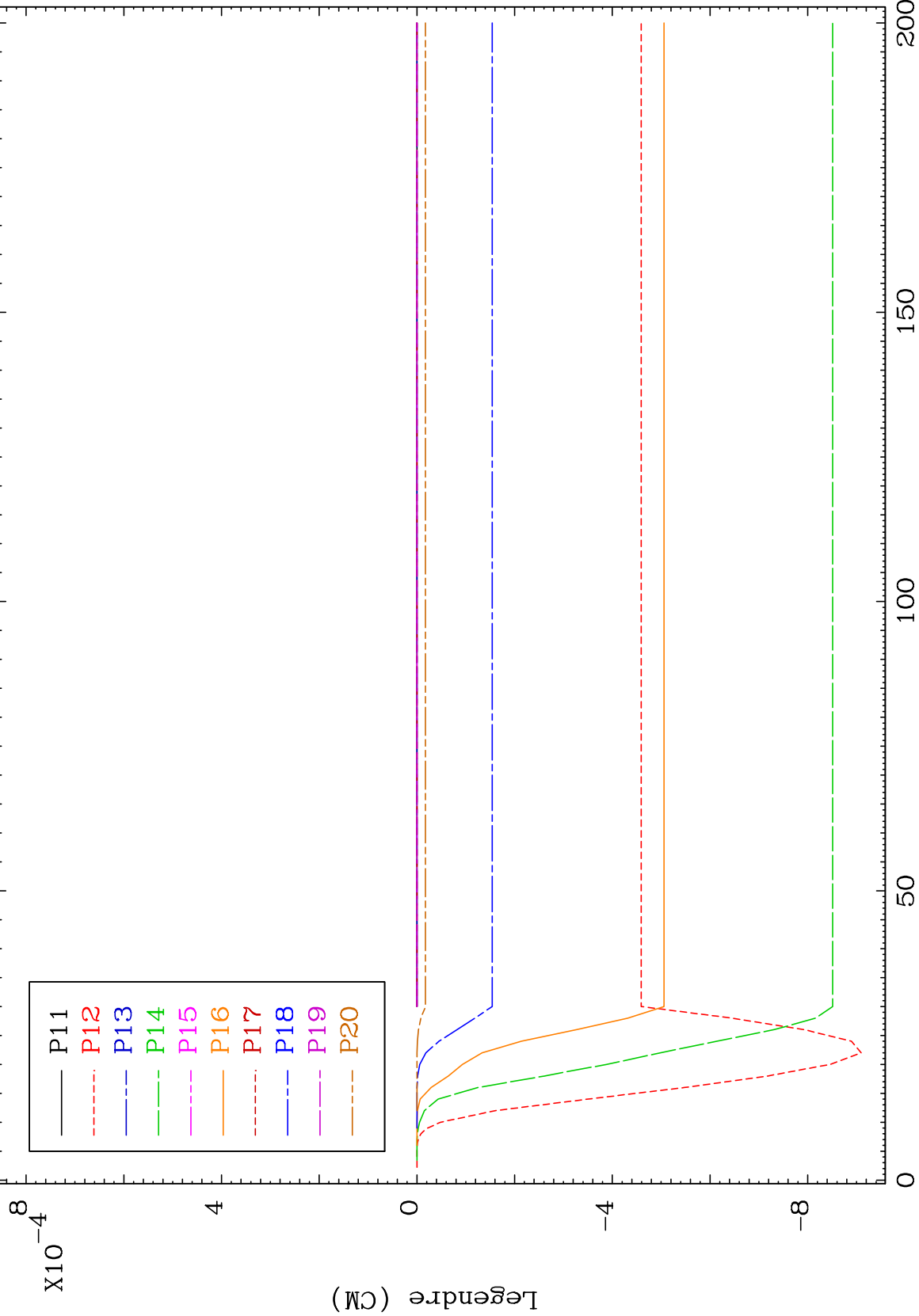
62-Sm-141



MAT 6216

1.580 keV (n,n') Level
Legendre Coefficients

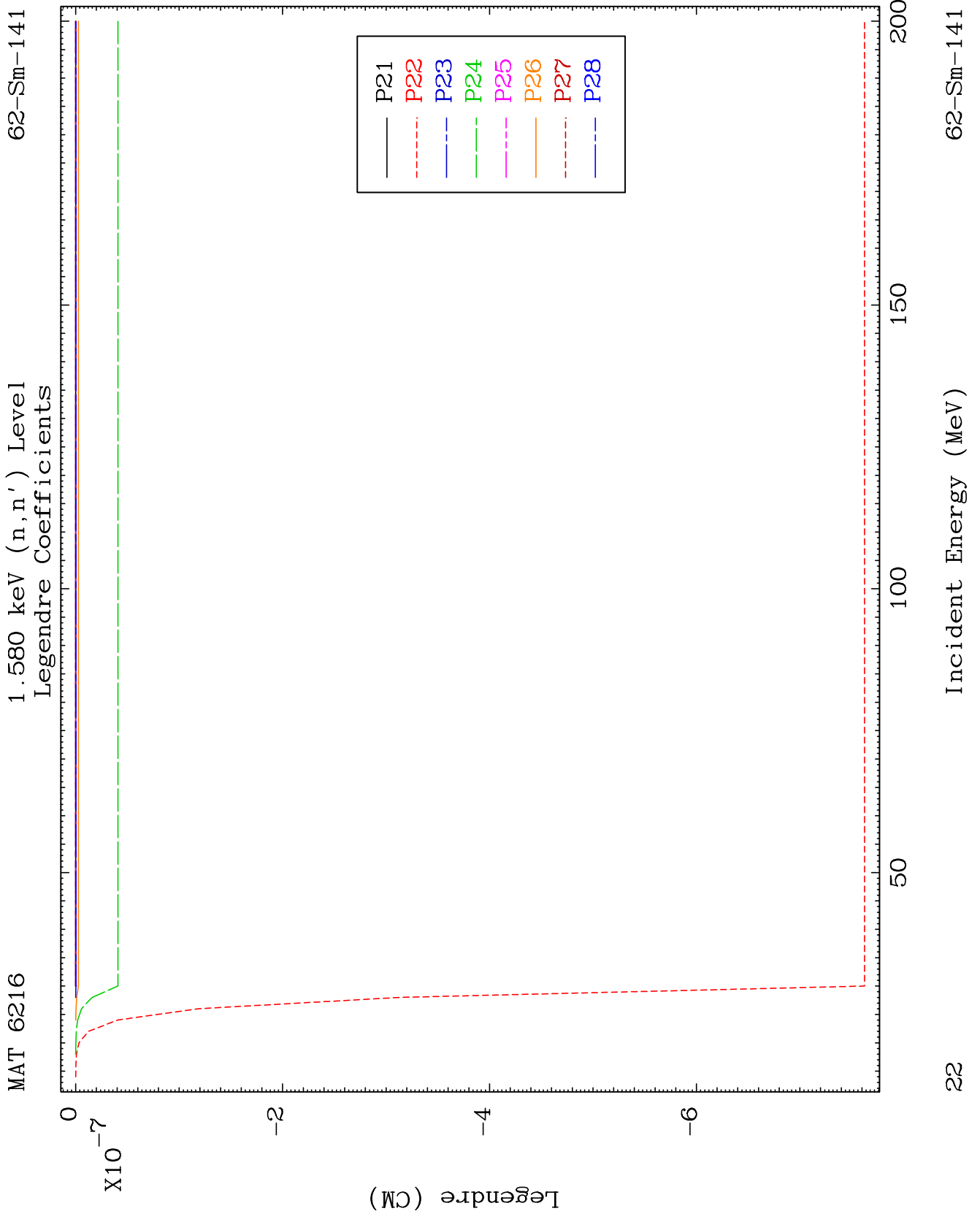
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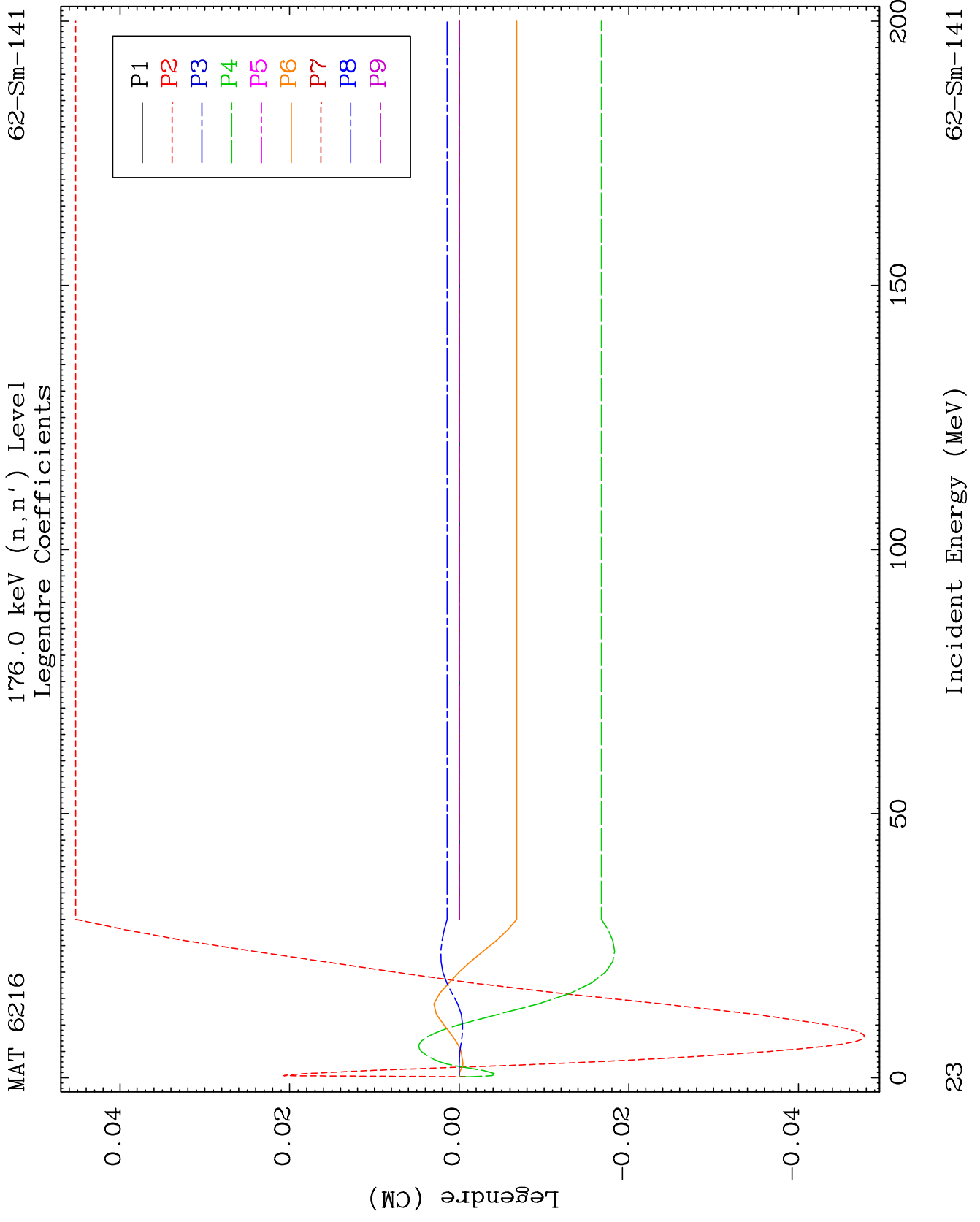


21

Incident Energy (MeV)

62-Sm-141

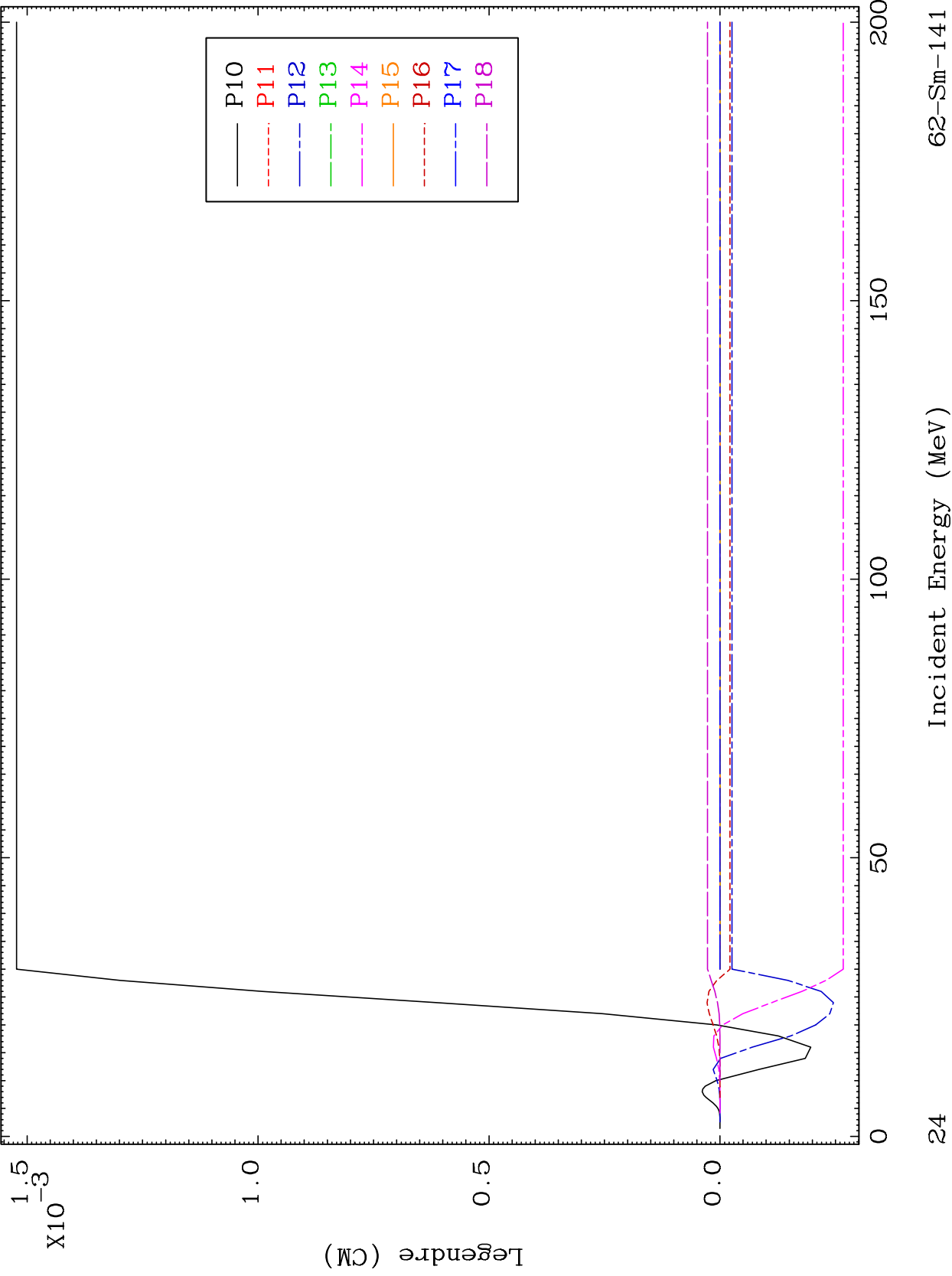




MAT 6216

176.0 keV (n,n') Level
Legendre Coefficients

62-Sm-141



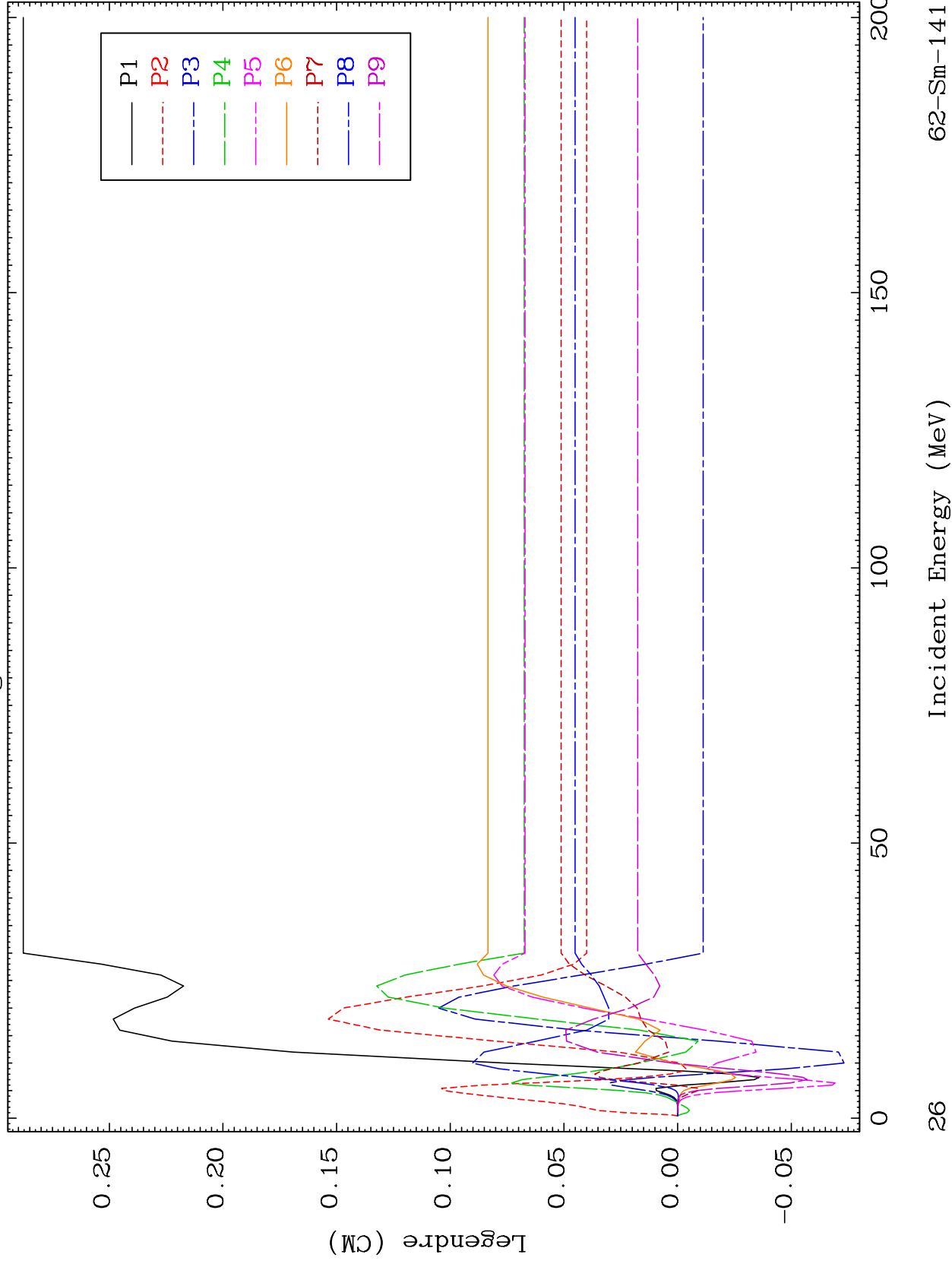
24

62-Sm-141

MAT 6216

385.2 keV (n,n') Level
Legendre Coefficients

62-Sm-141



62-Sm-141

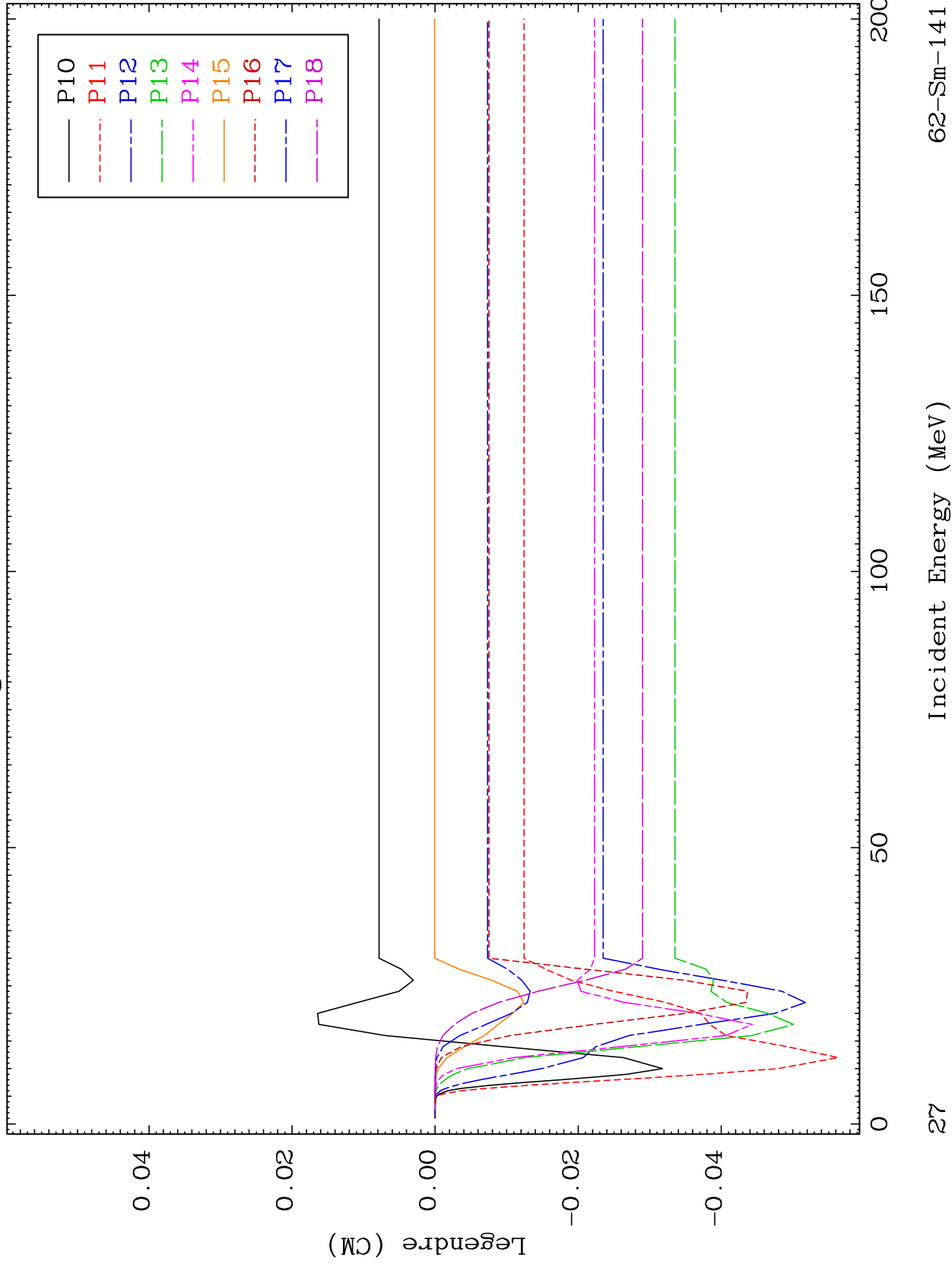
Incident Energy (MeV)

26

MAT 6216

385.2 keV (n,n') Level
Legendre Coefficients

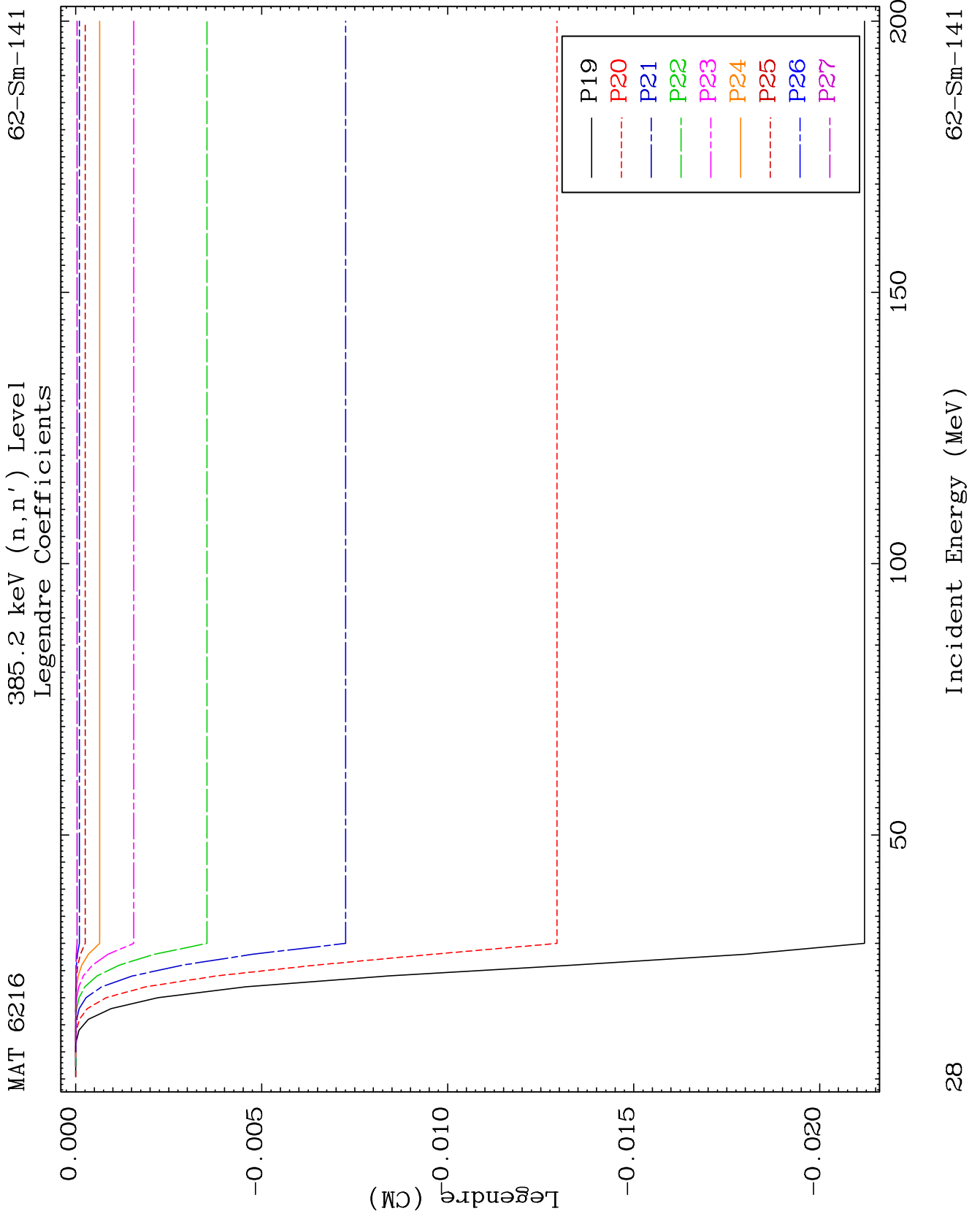
62-Sm-141

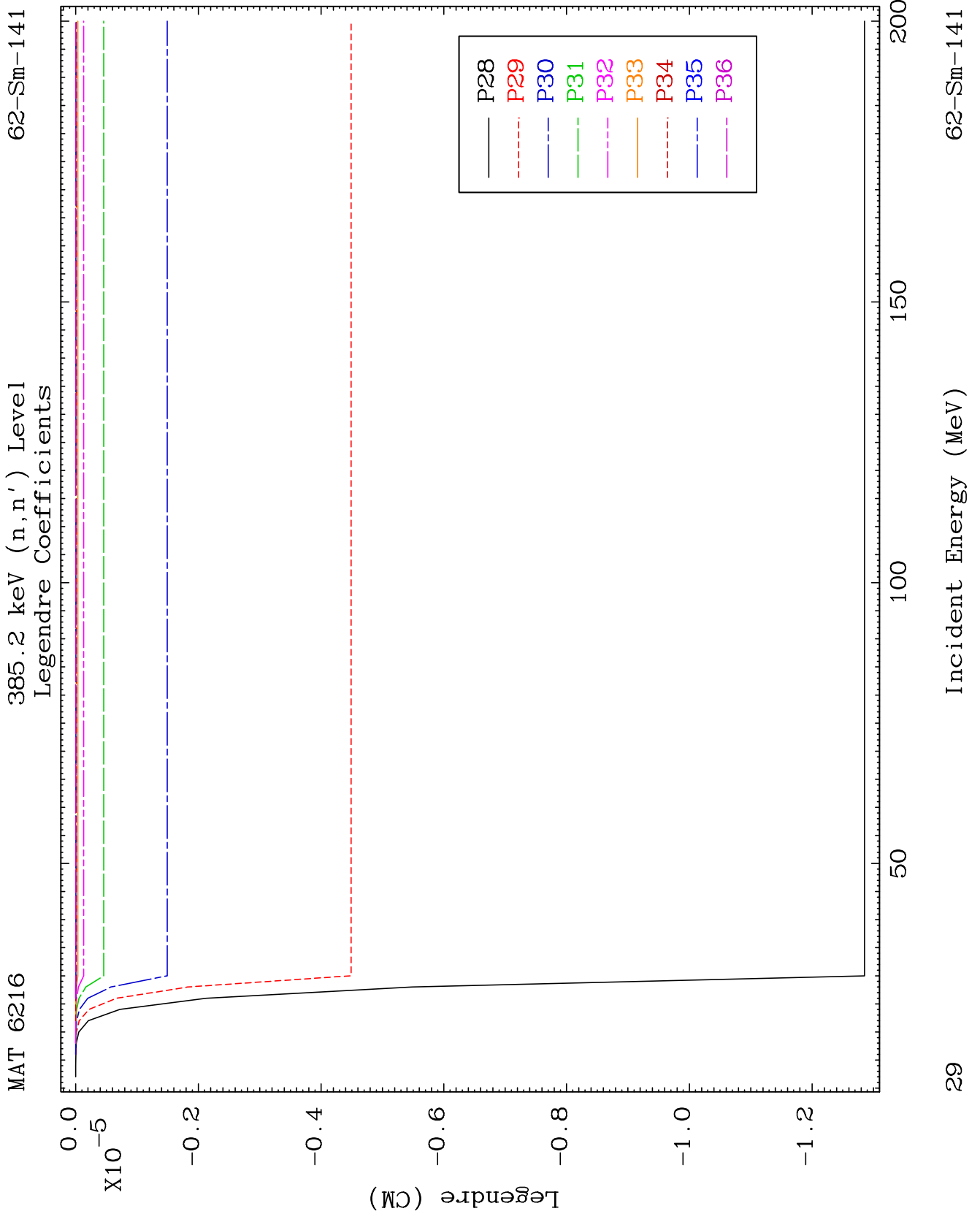


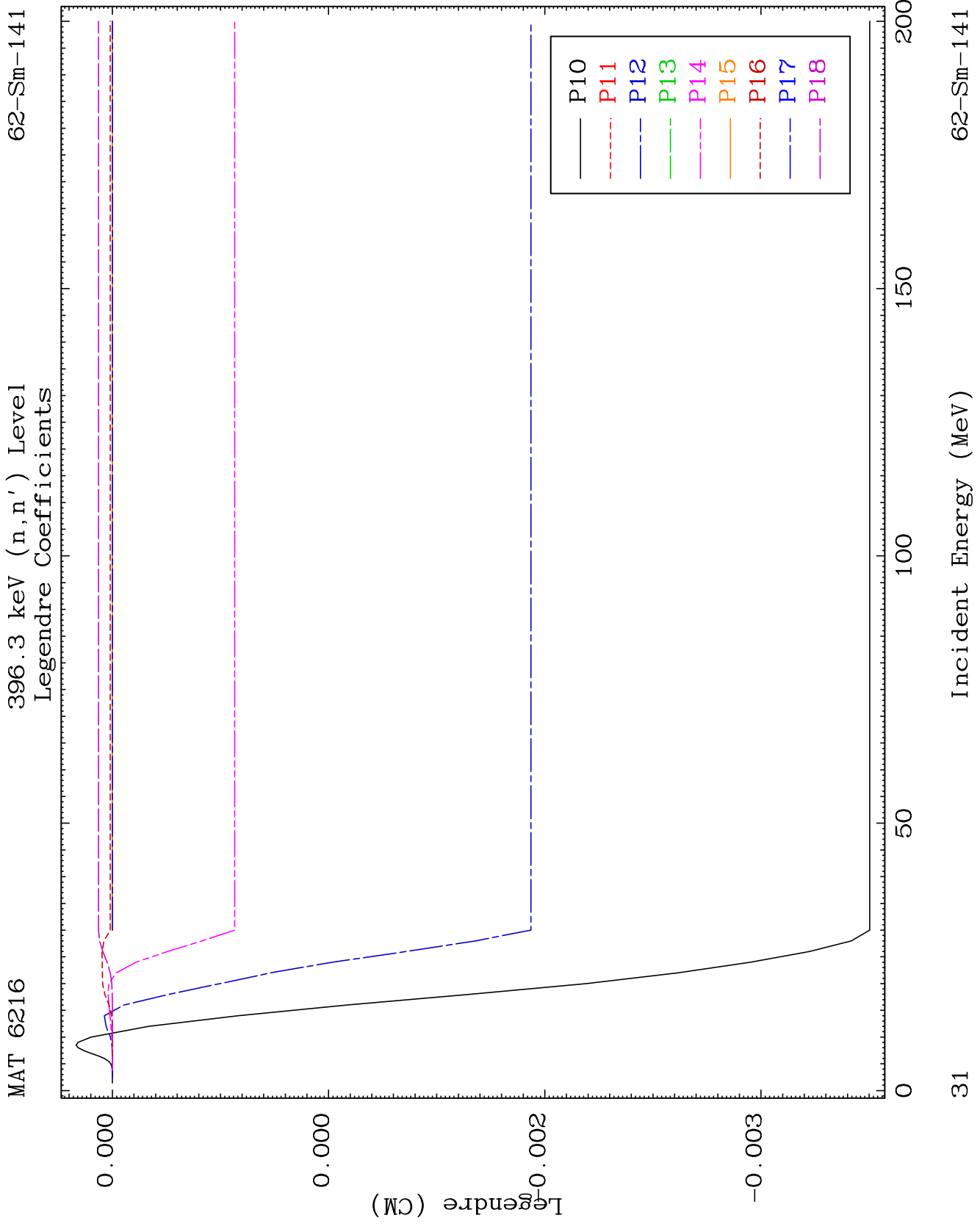
27

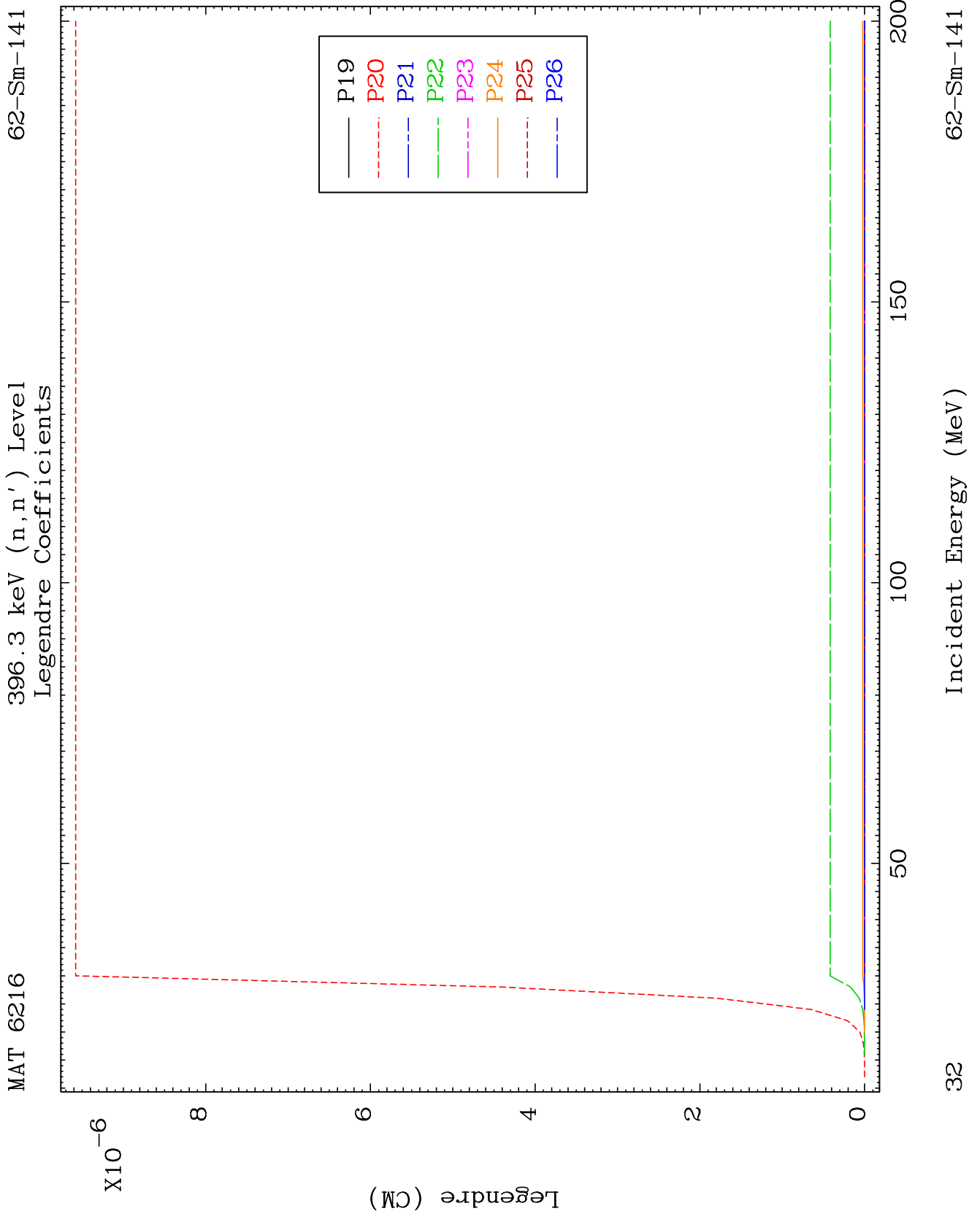
Incident Energy (MeV)

62-Sm-141





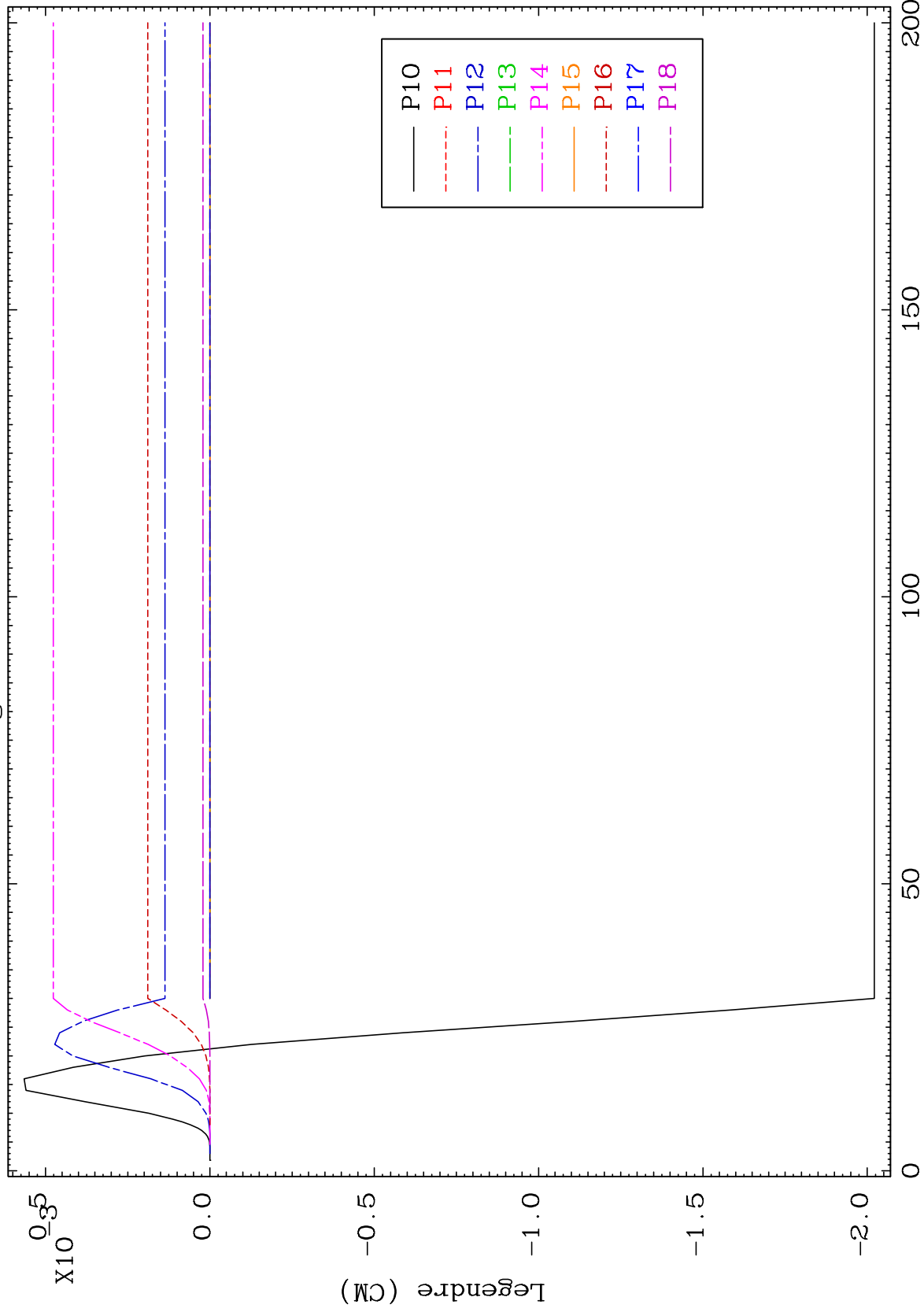




MAT 6216

545.5 keV (n,n') Level
Legendre Coefficients

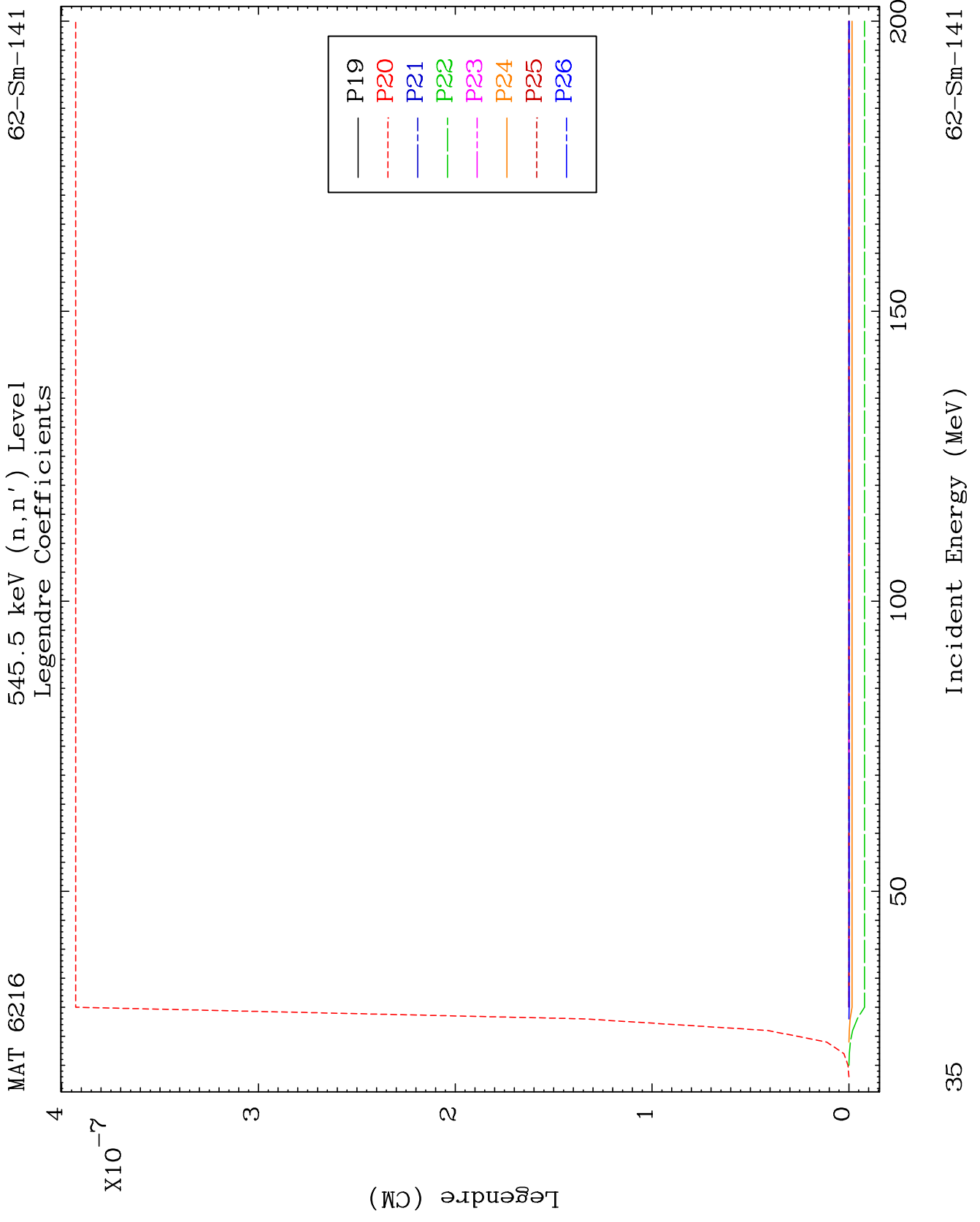
62-Sm-141



34

Incident Energy (MeV)

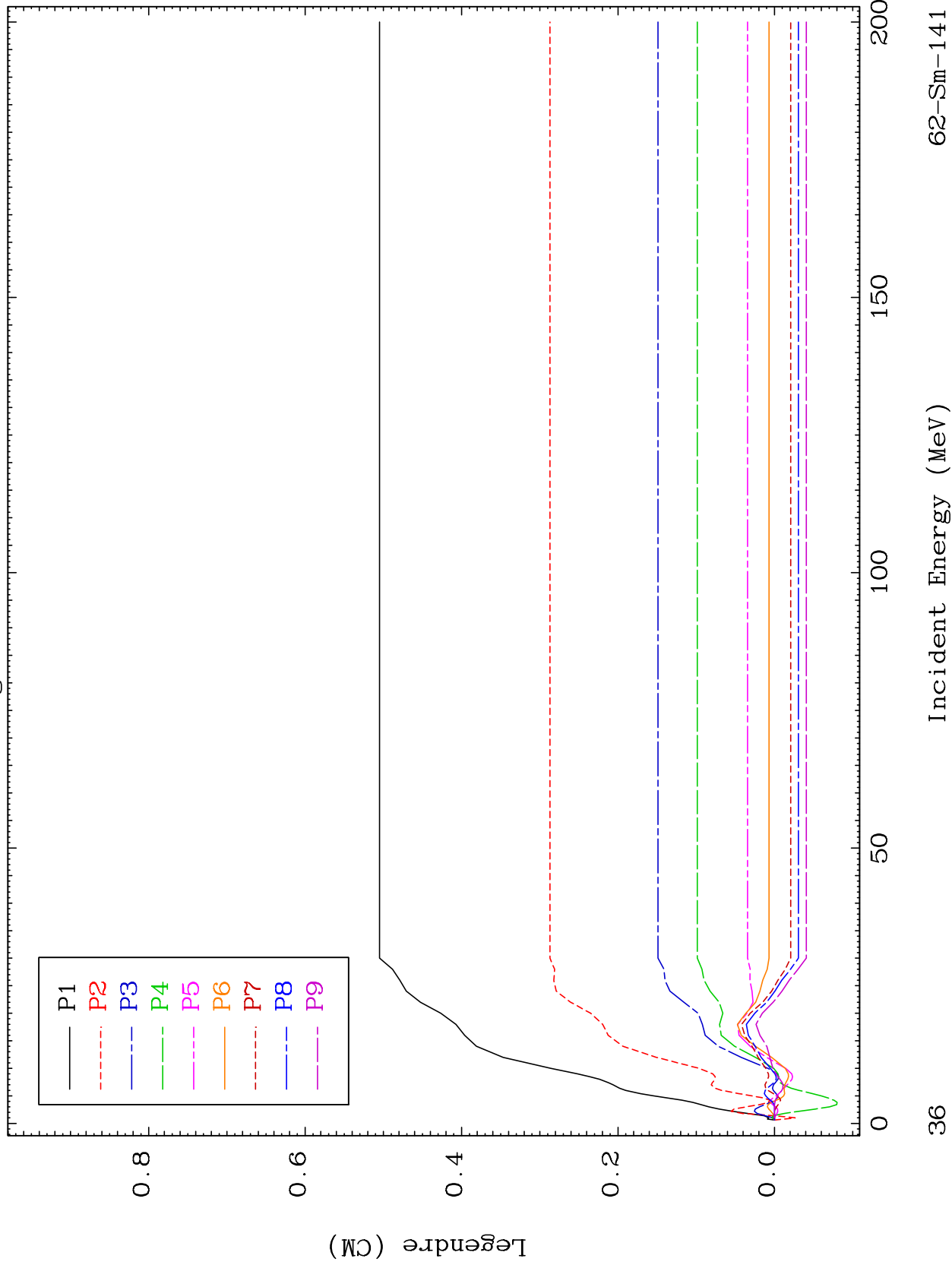
62-Sm-141



MAT 6216

595.5 keV (n,n') Level
Legendre Coefficients

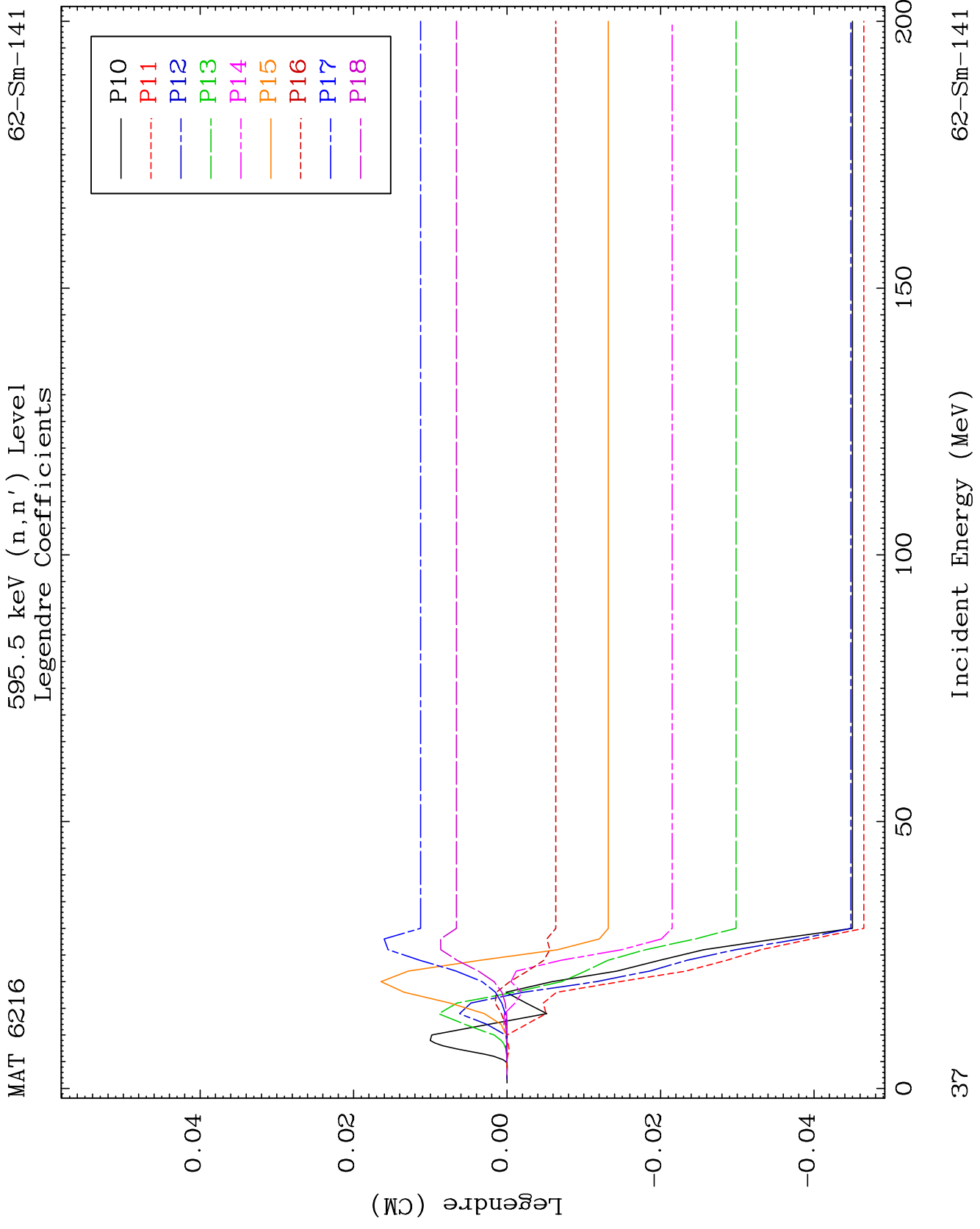
62-Sm-141



36

Incident Energy (MeV)

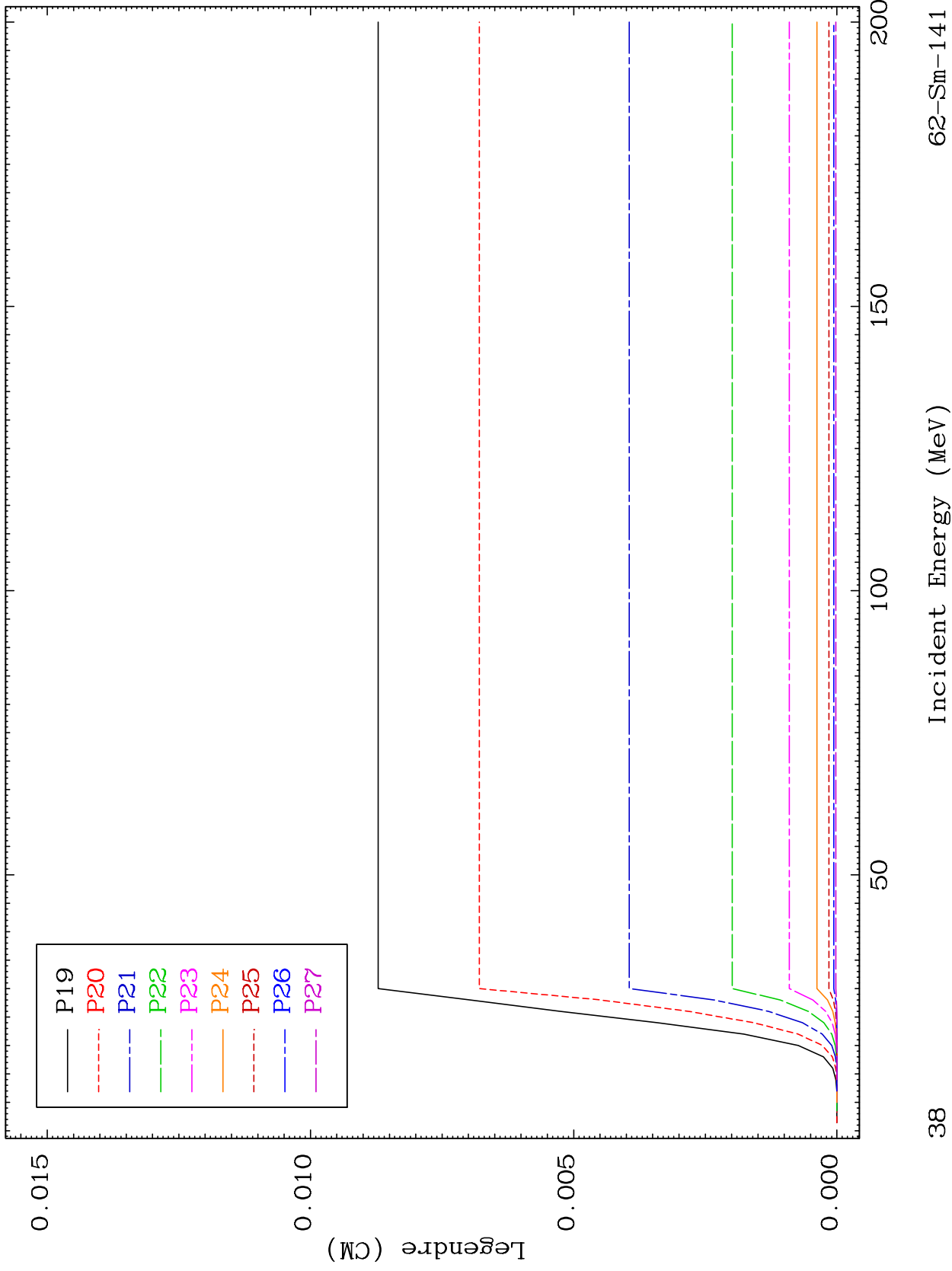
62-Sm-141



MAT 6216

595.5 keV (n,n') Level
Legendre Coefficients

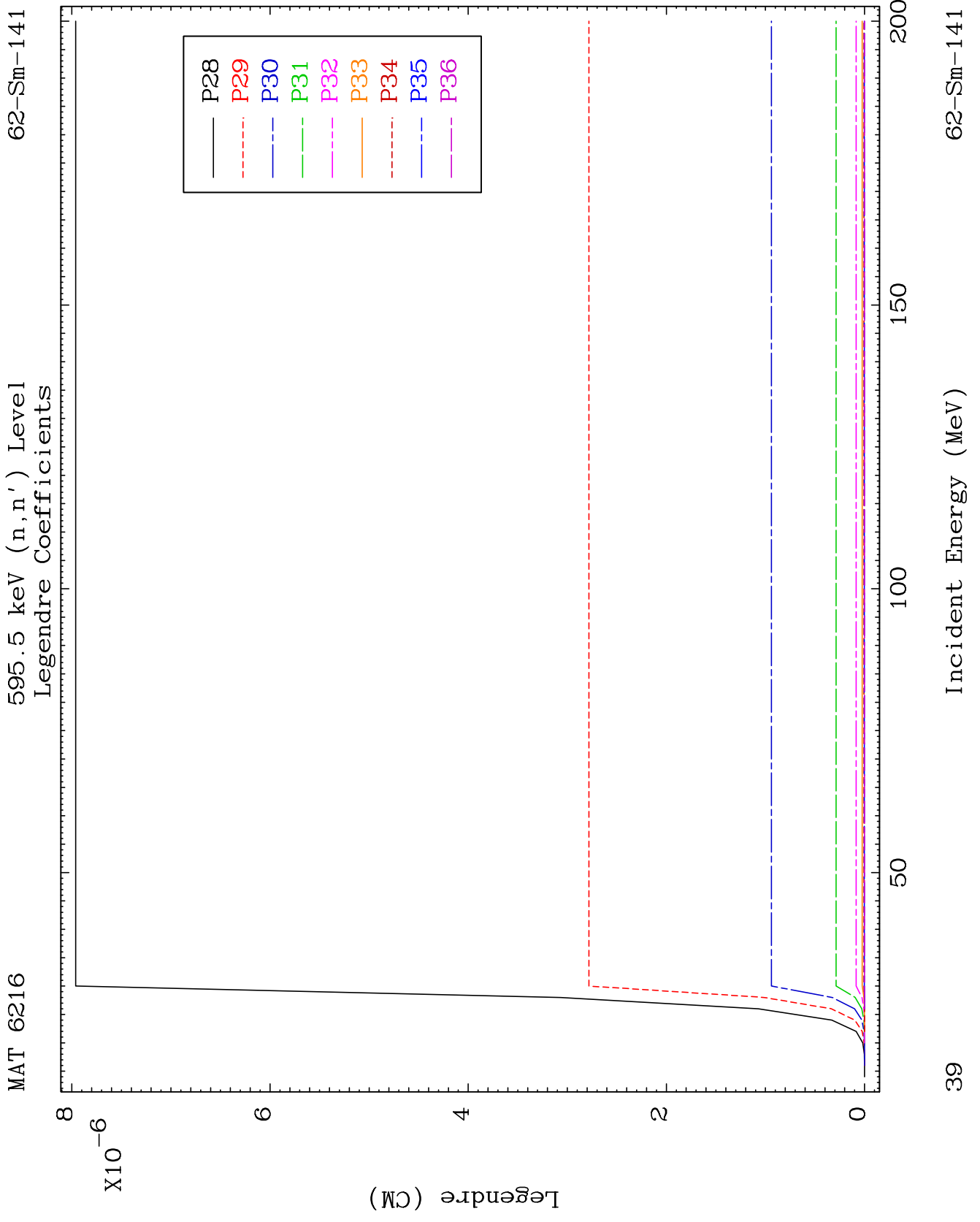
62-Sm-141



38

Incident Energy (MeV)

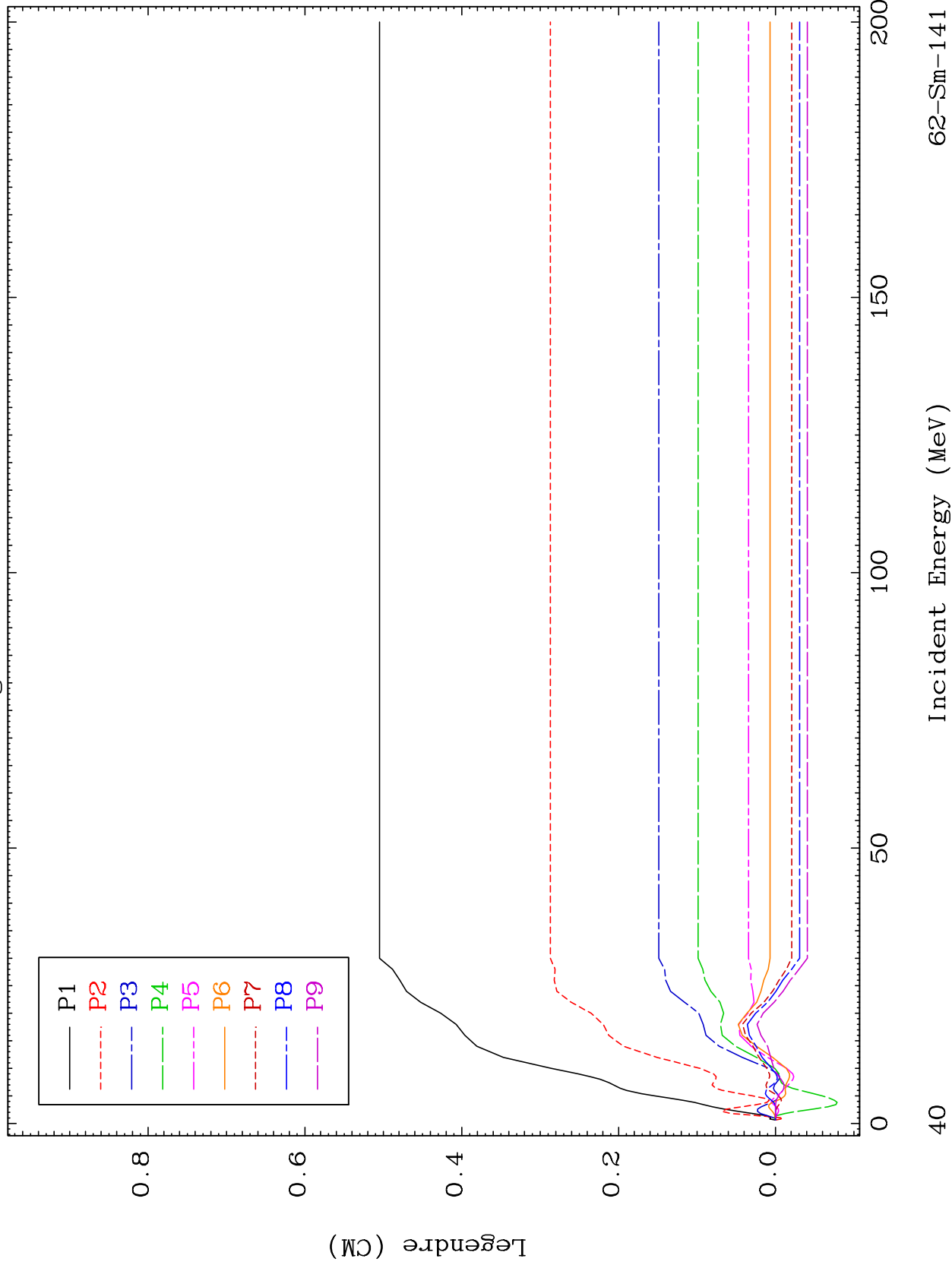
62-Sm-141



MAT 6216

598.7 keV (n,n') Level
Legendre Coefficients

62-Sm-141



62-Sm-141

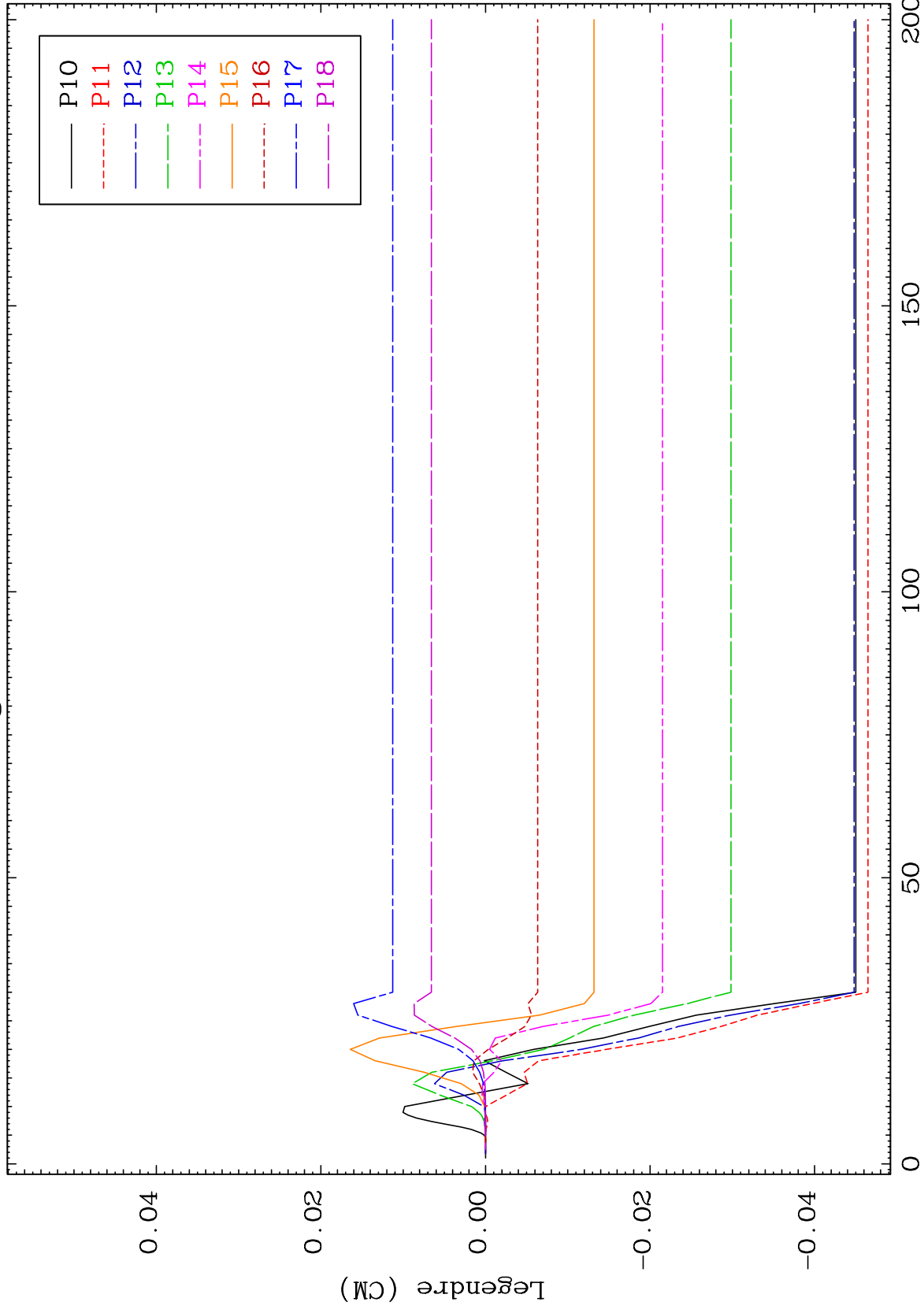
Incident Energy (MeV)

40

MAT 6216

598.7 keV (n,n') Level
Legendre Coefficients

62-Sm-141



41

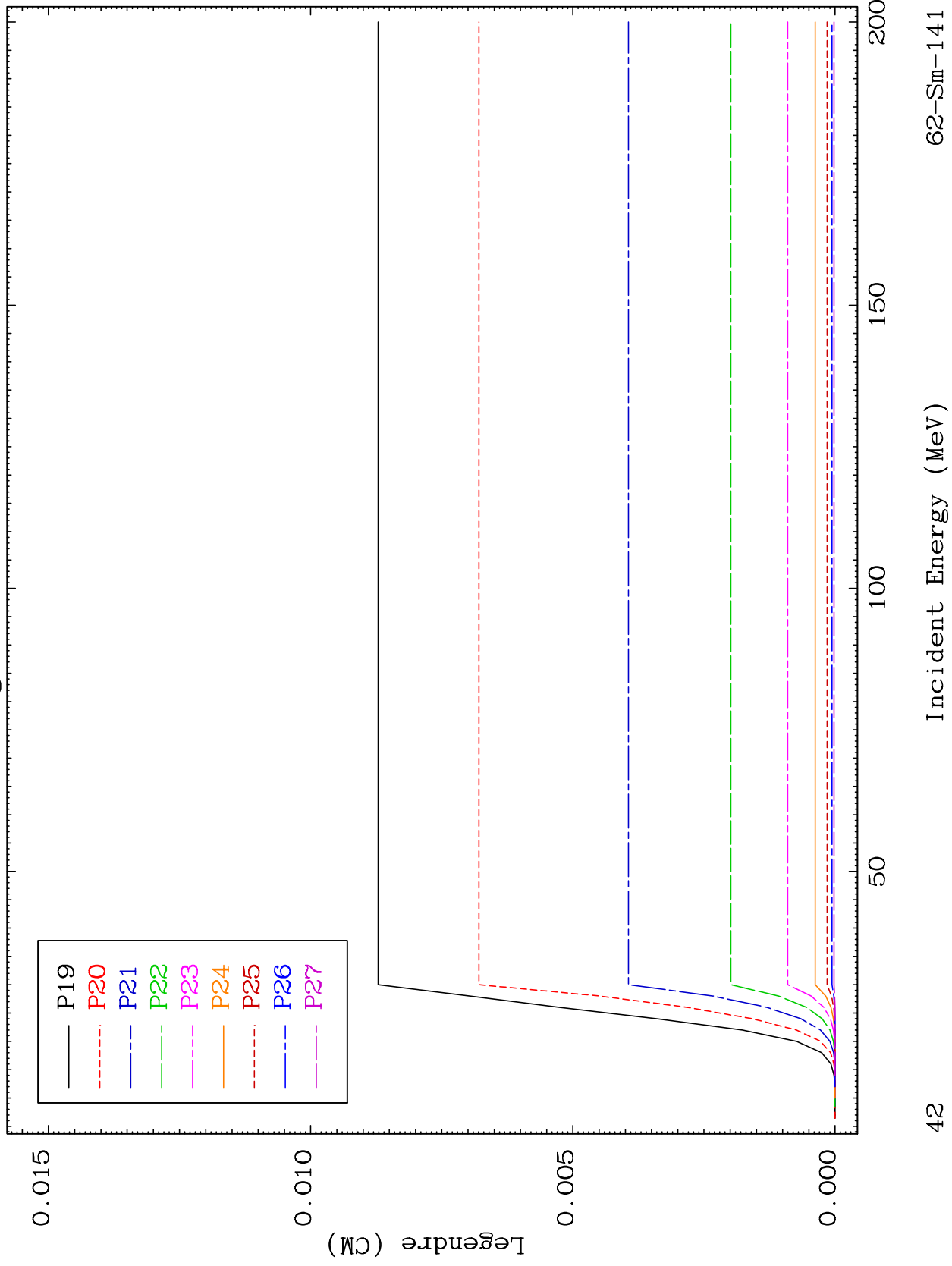
Incident Energy (MeV)

62-Sm-141

MAT 6216

598.7 keV (n,n') Level
Legendre Coefficients

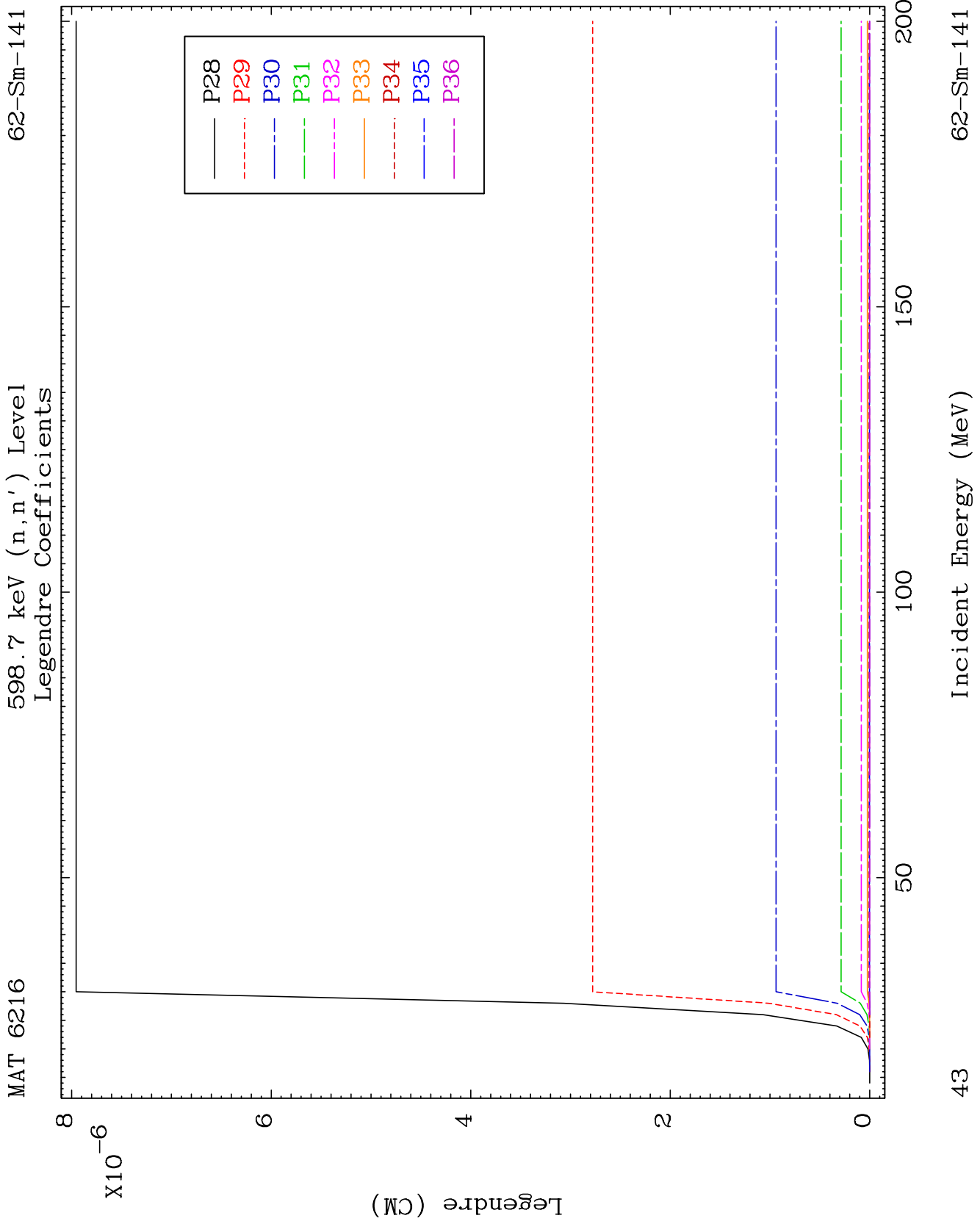
62-Sm-141



42

Incident Energy (MeV)

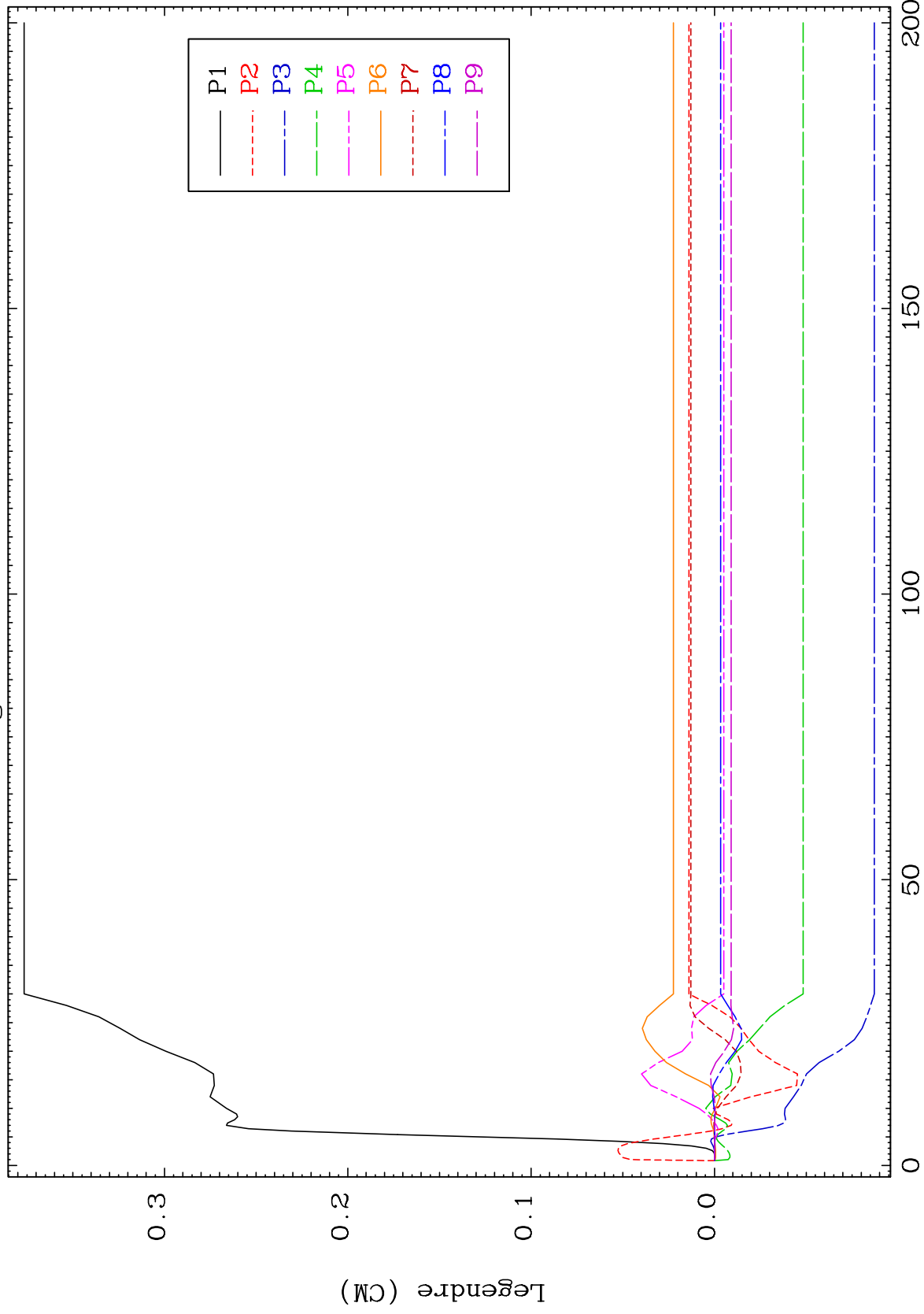
62-Sm-141



MAT 6216

810.9 keV (n,n') Level
Legendre Coefficients

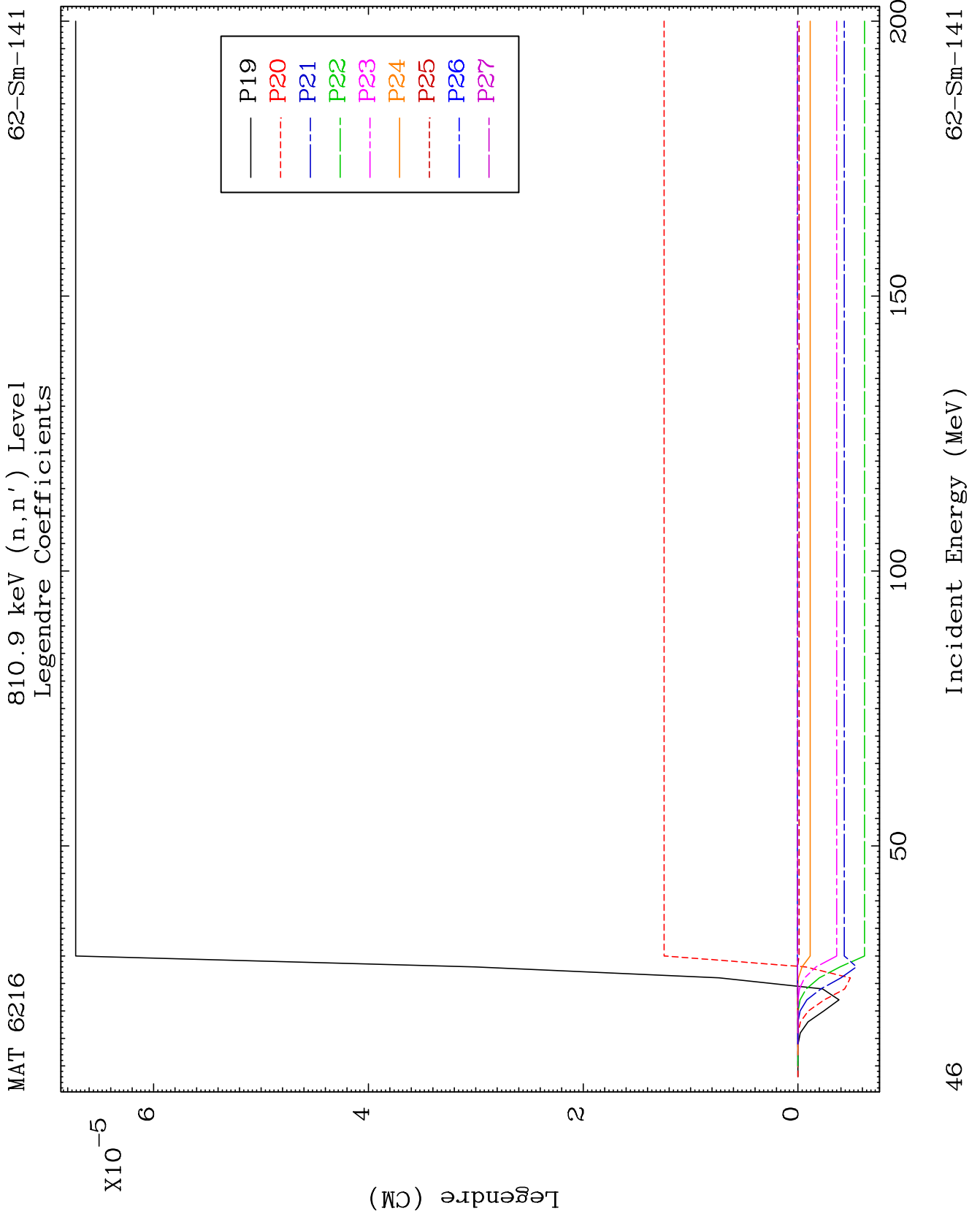
62-Sm-141

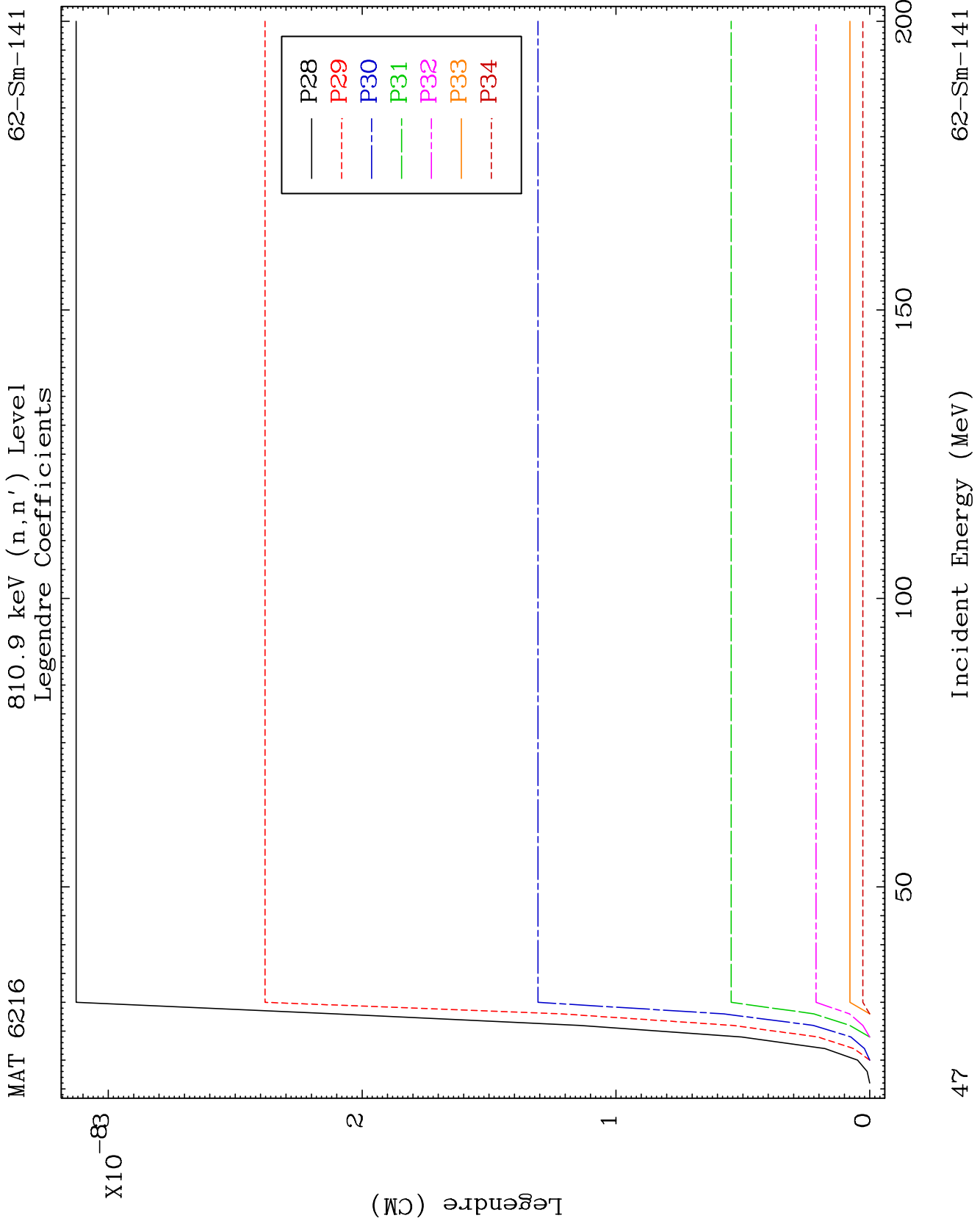


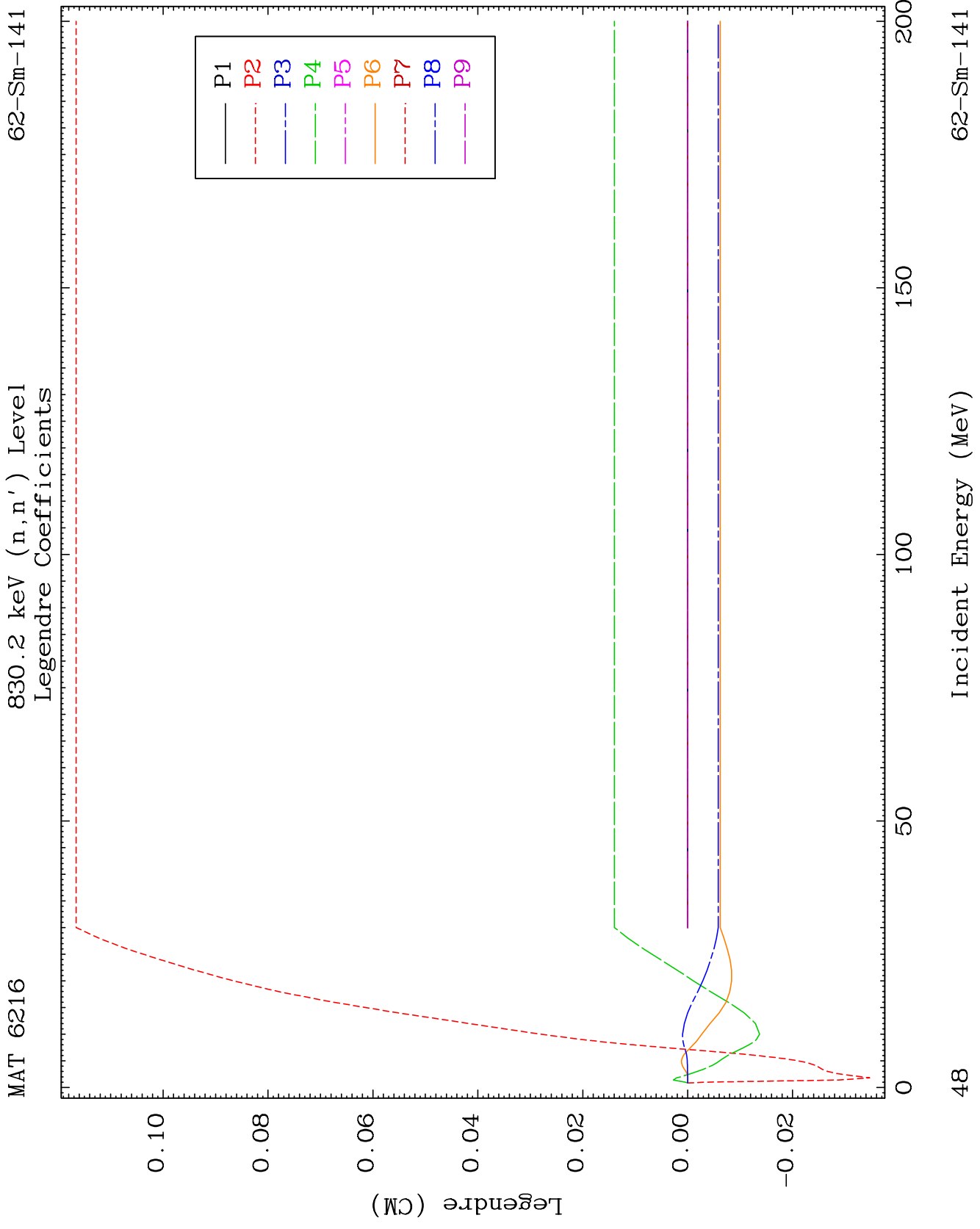
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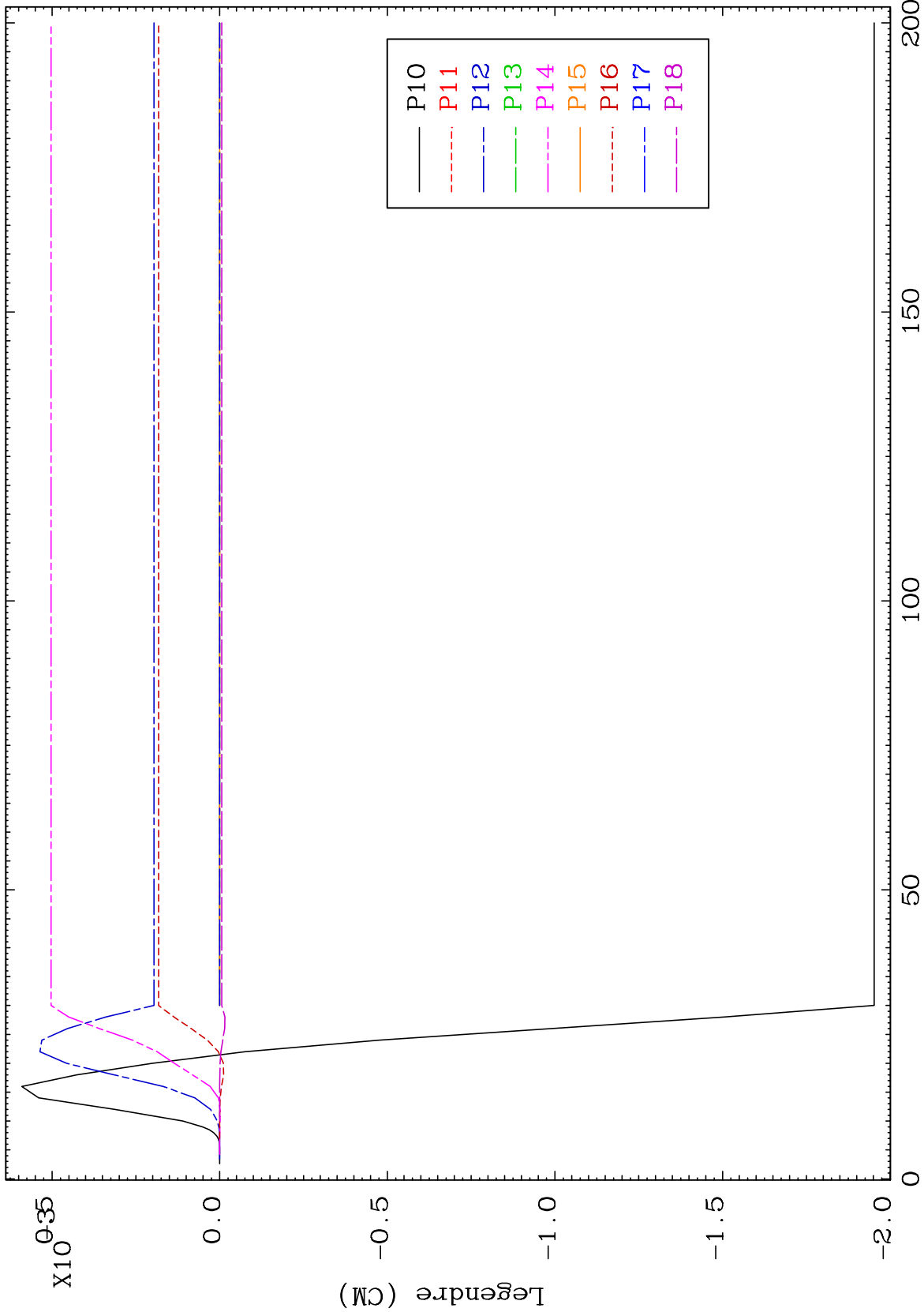
Incident Energy (MeV)

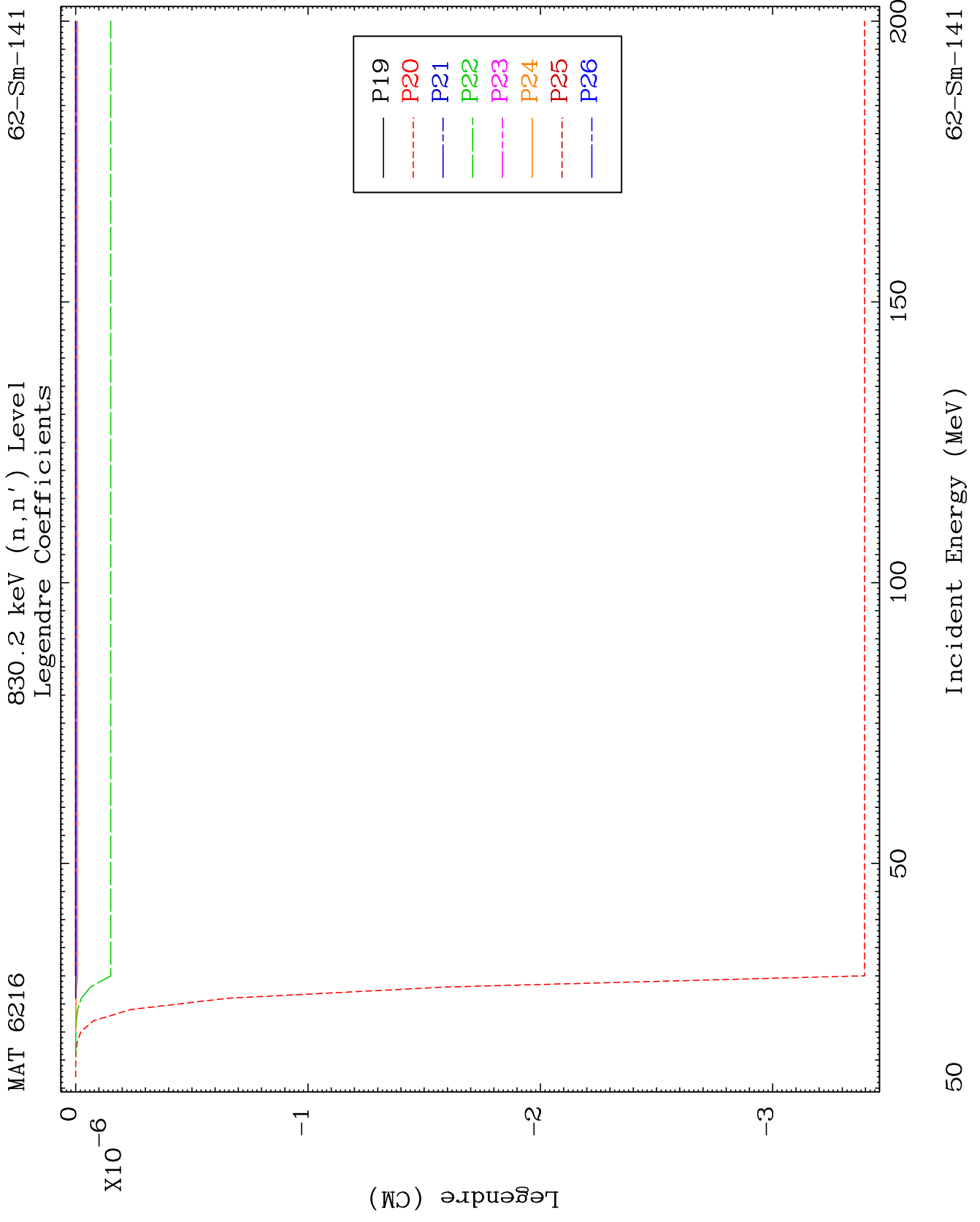
62-Sm-141







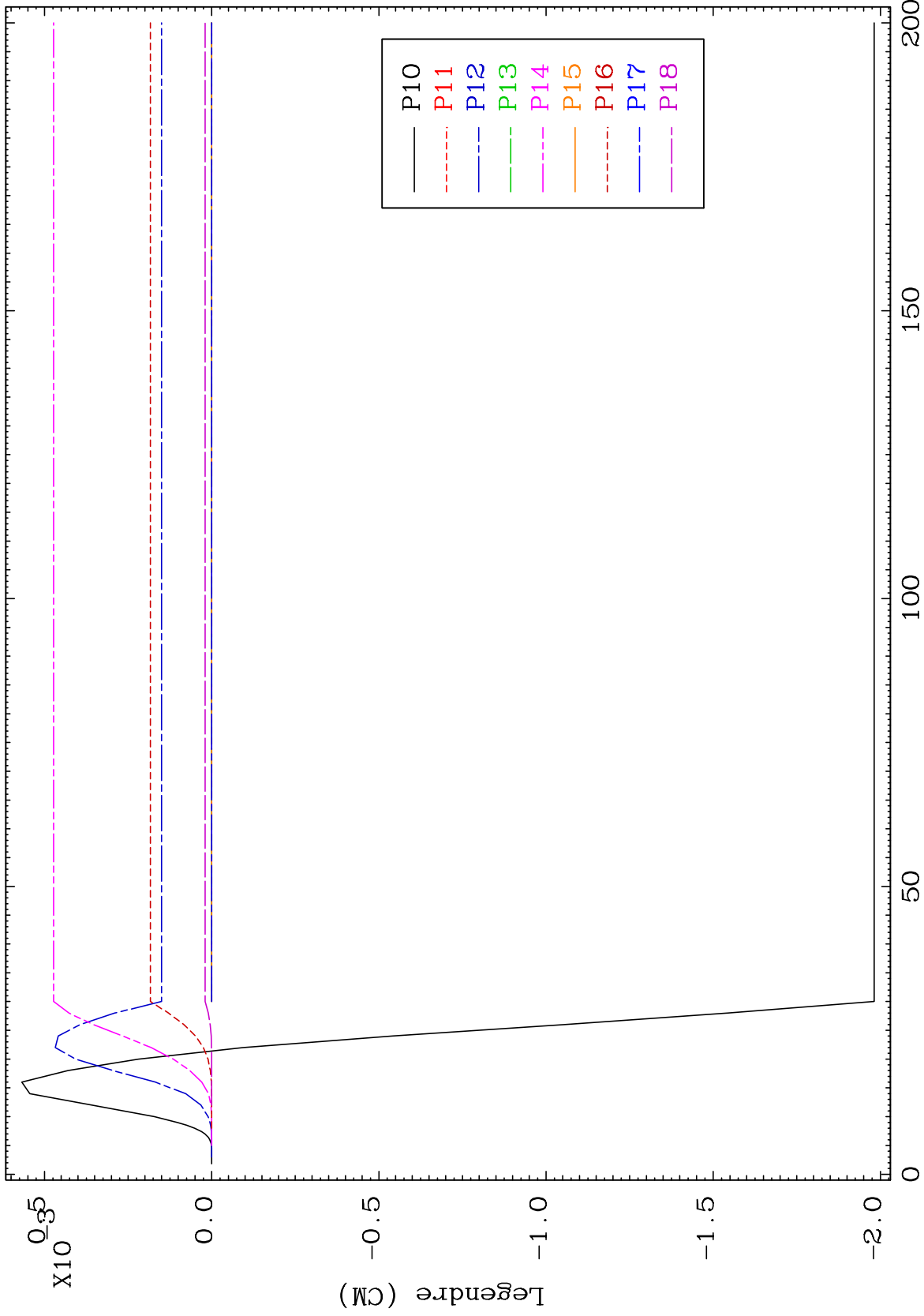




MAT 6216

900.0 keV (n,n') Level
Legendre Coefficients

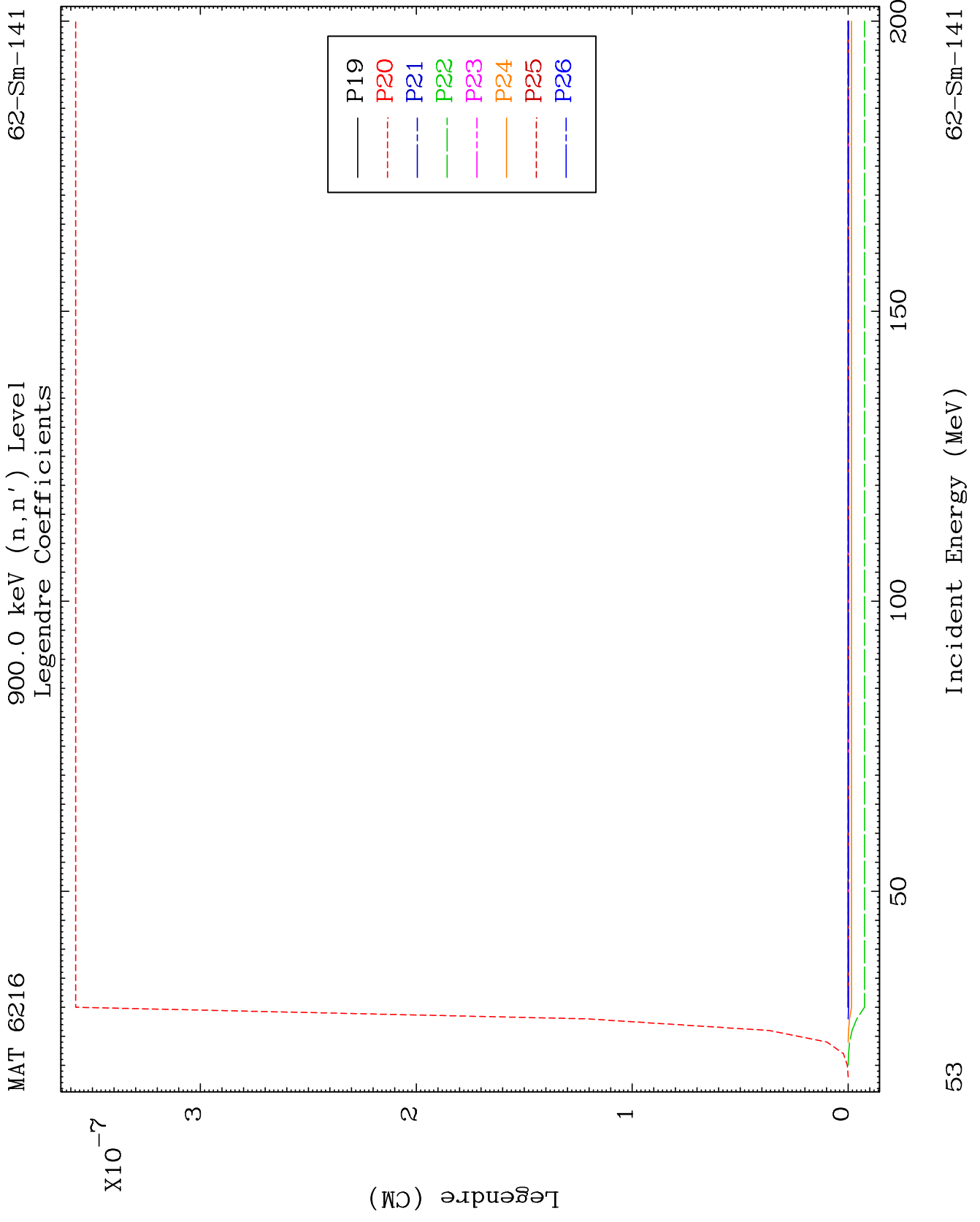
62-Sm-141



52

Incident Energy (MeV)

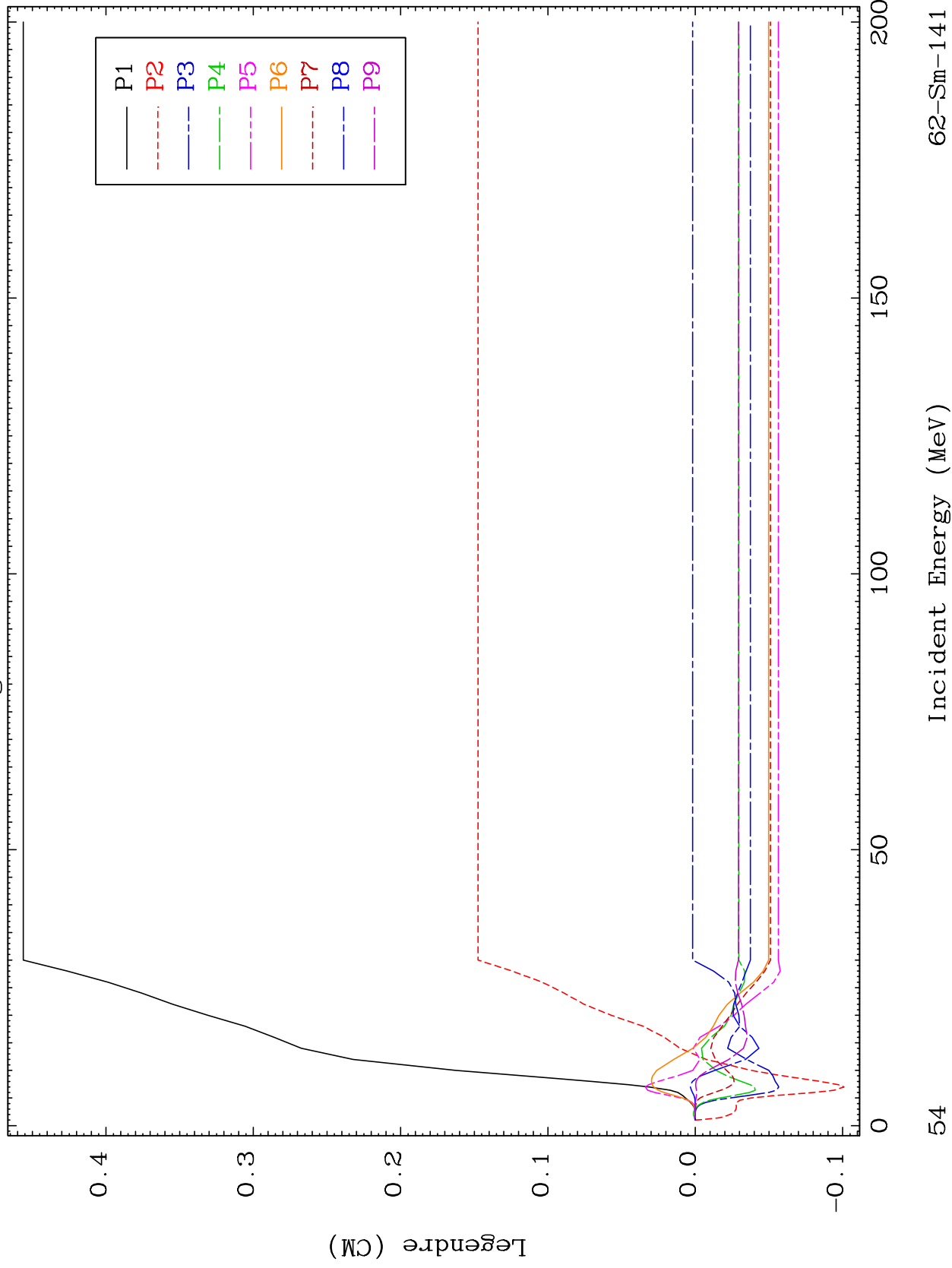
62-Sm-141



MAT 6216

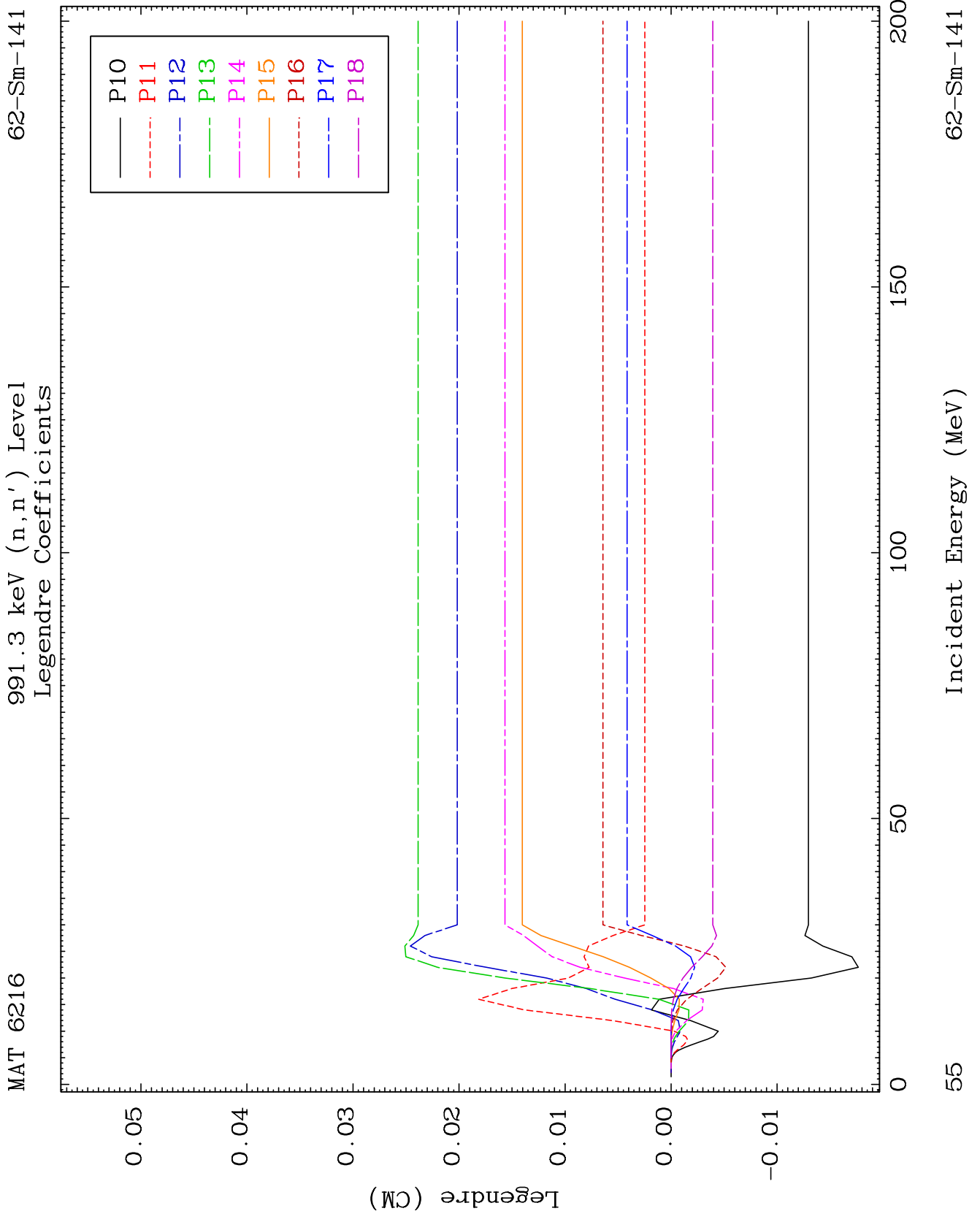
991.3 keV (n,n') Level
Legendre Coefficients

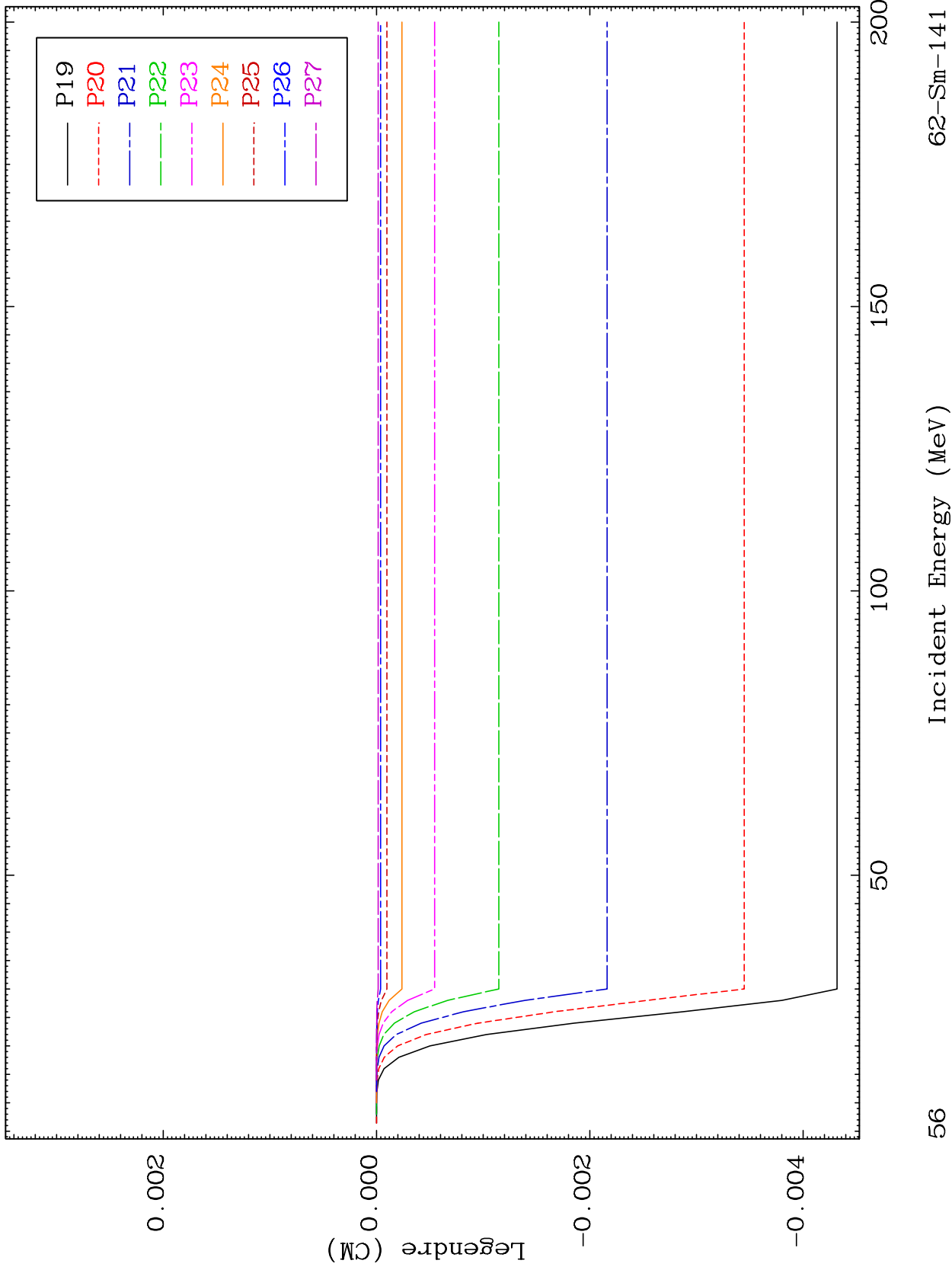
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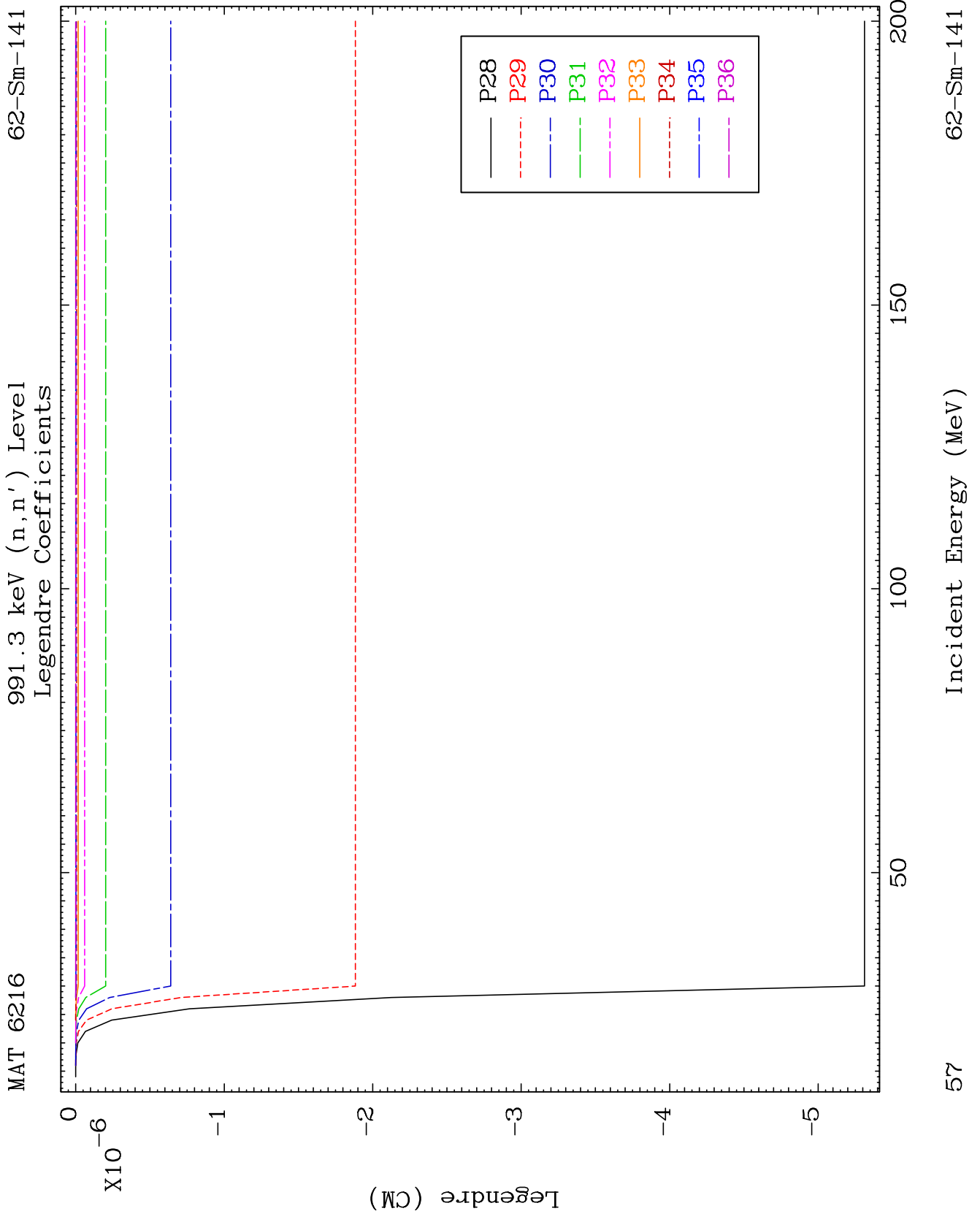


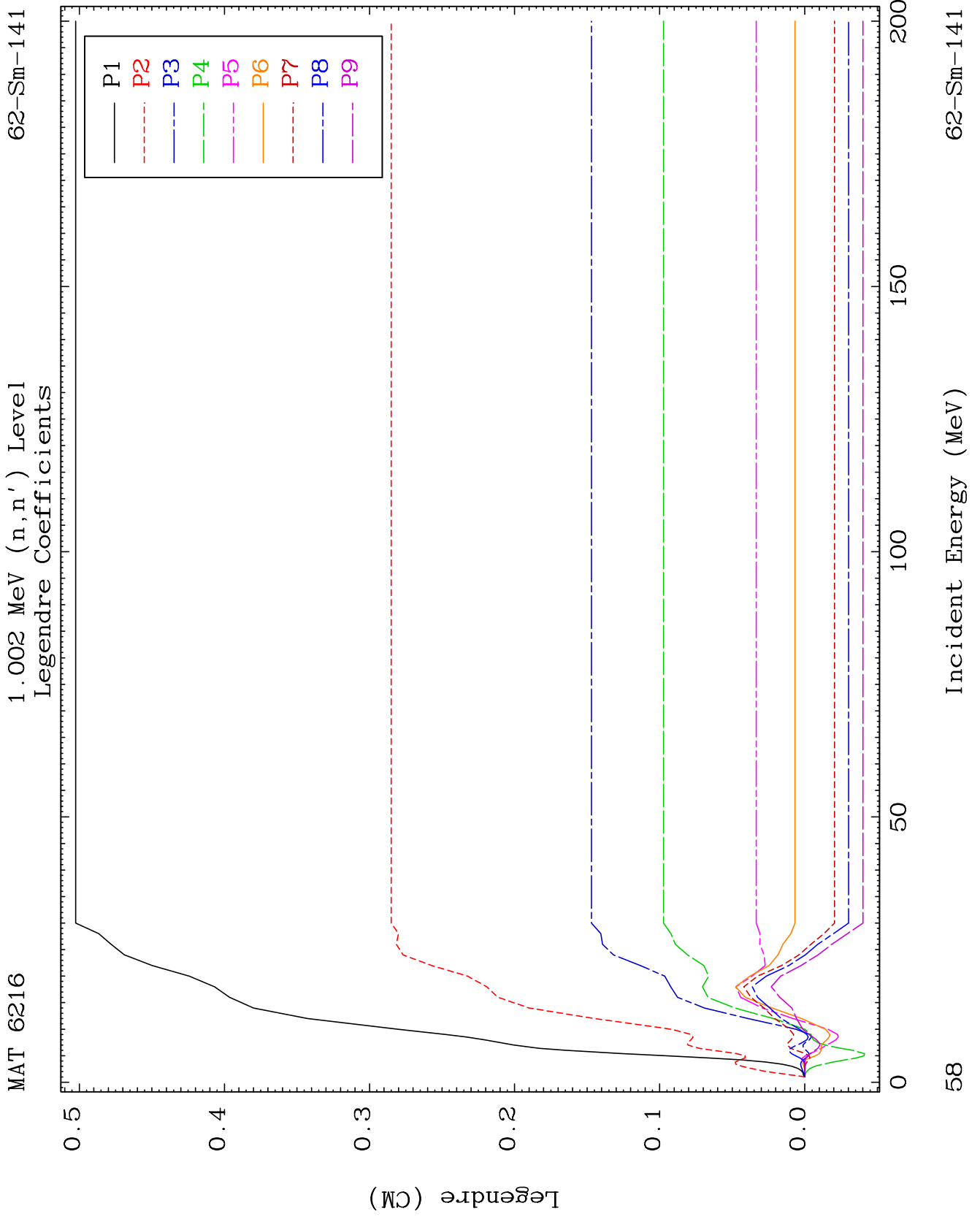
54

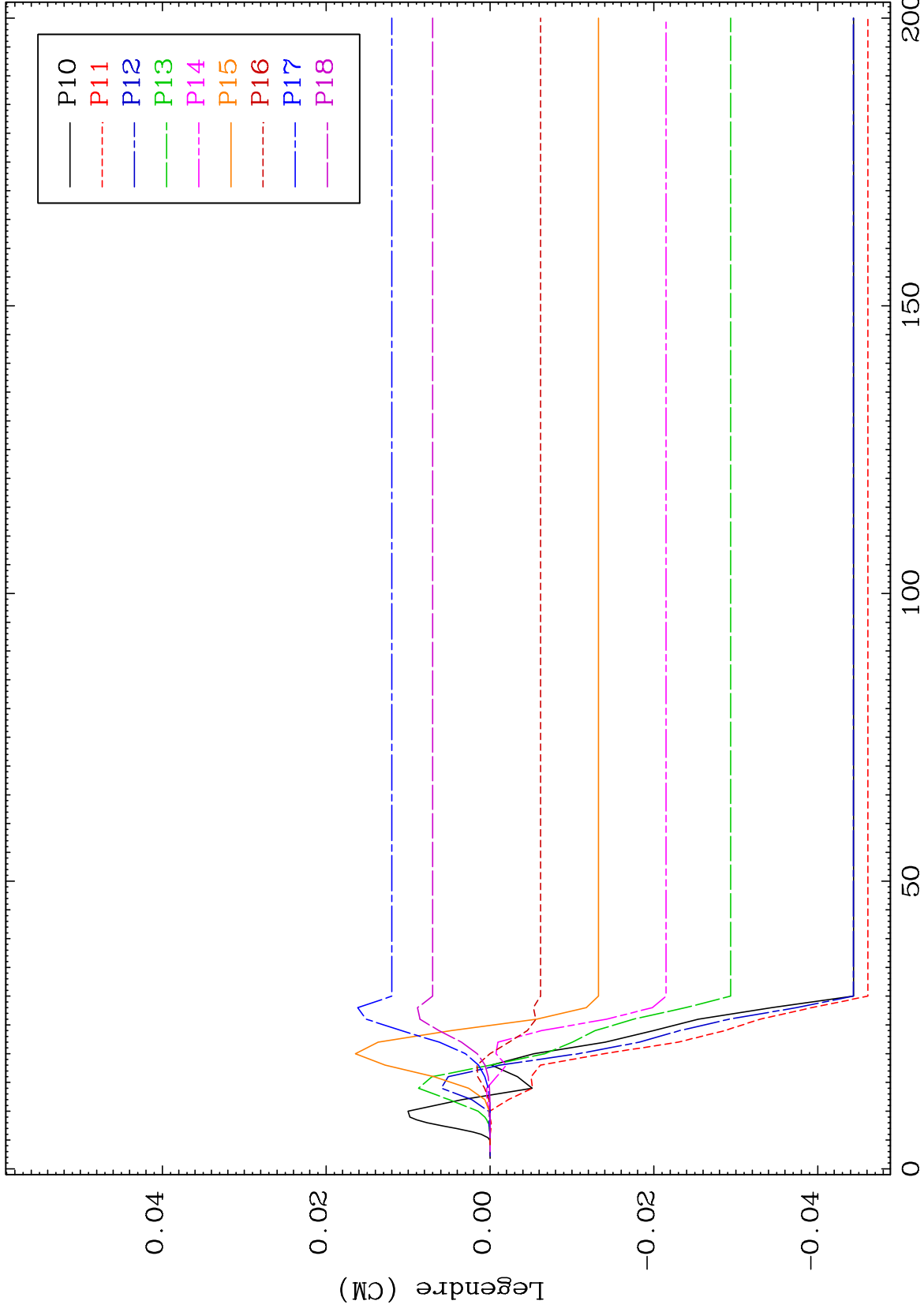
62-Sm-141

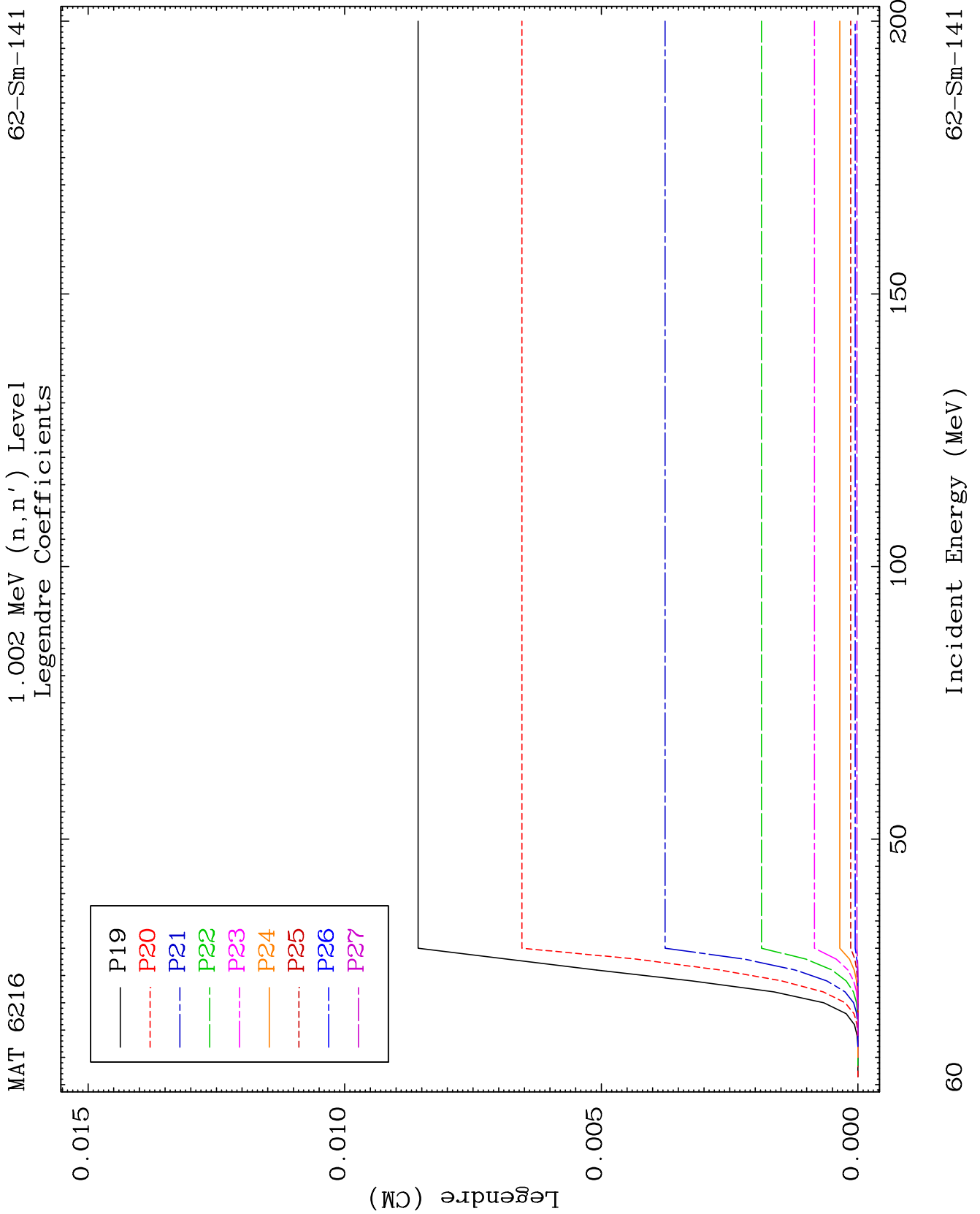


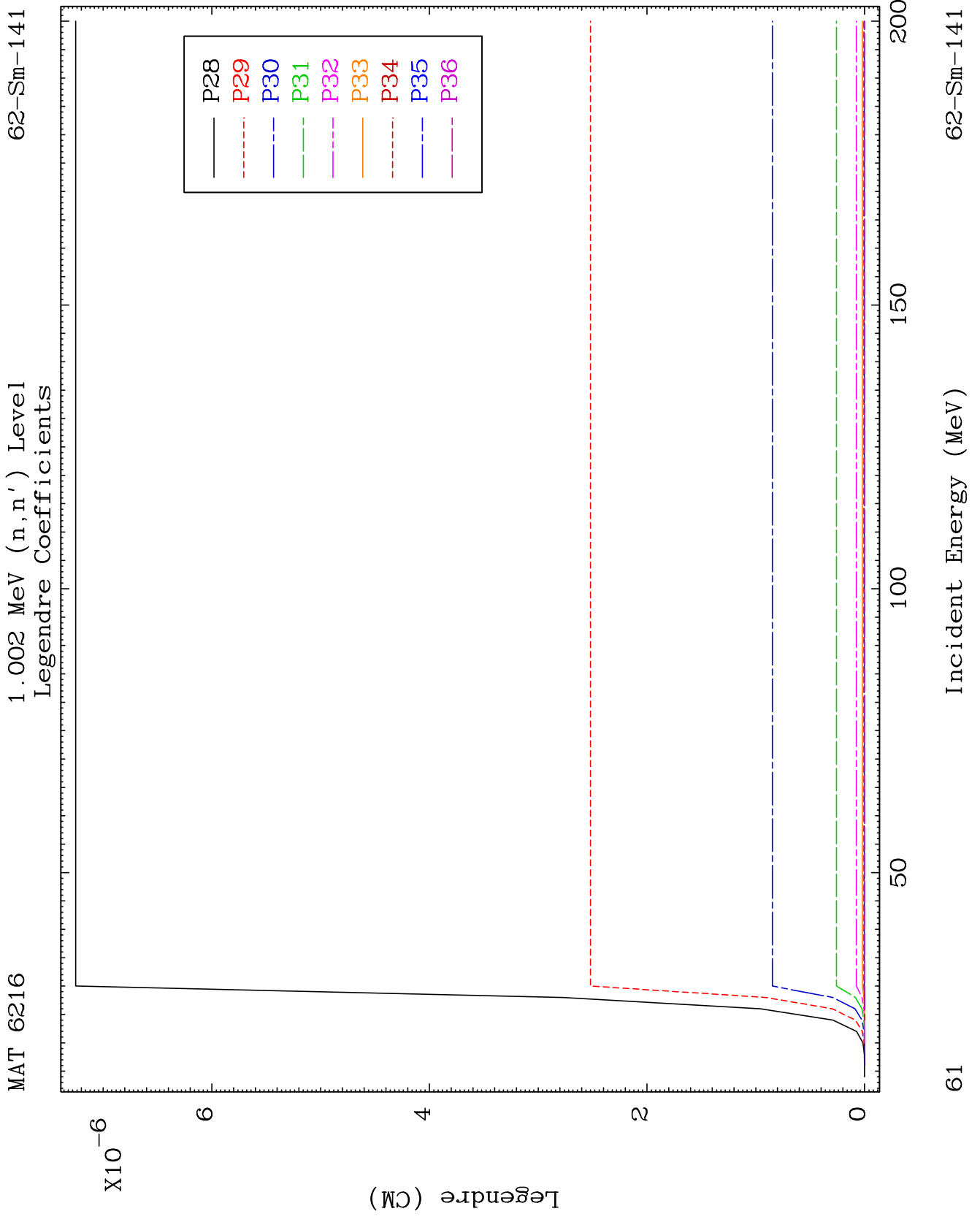


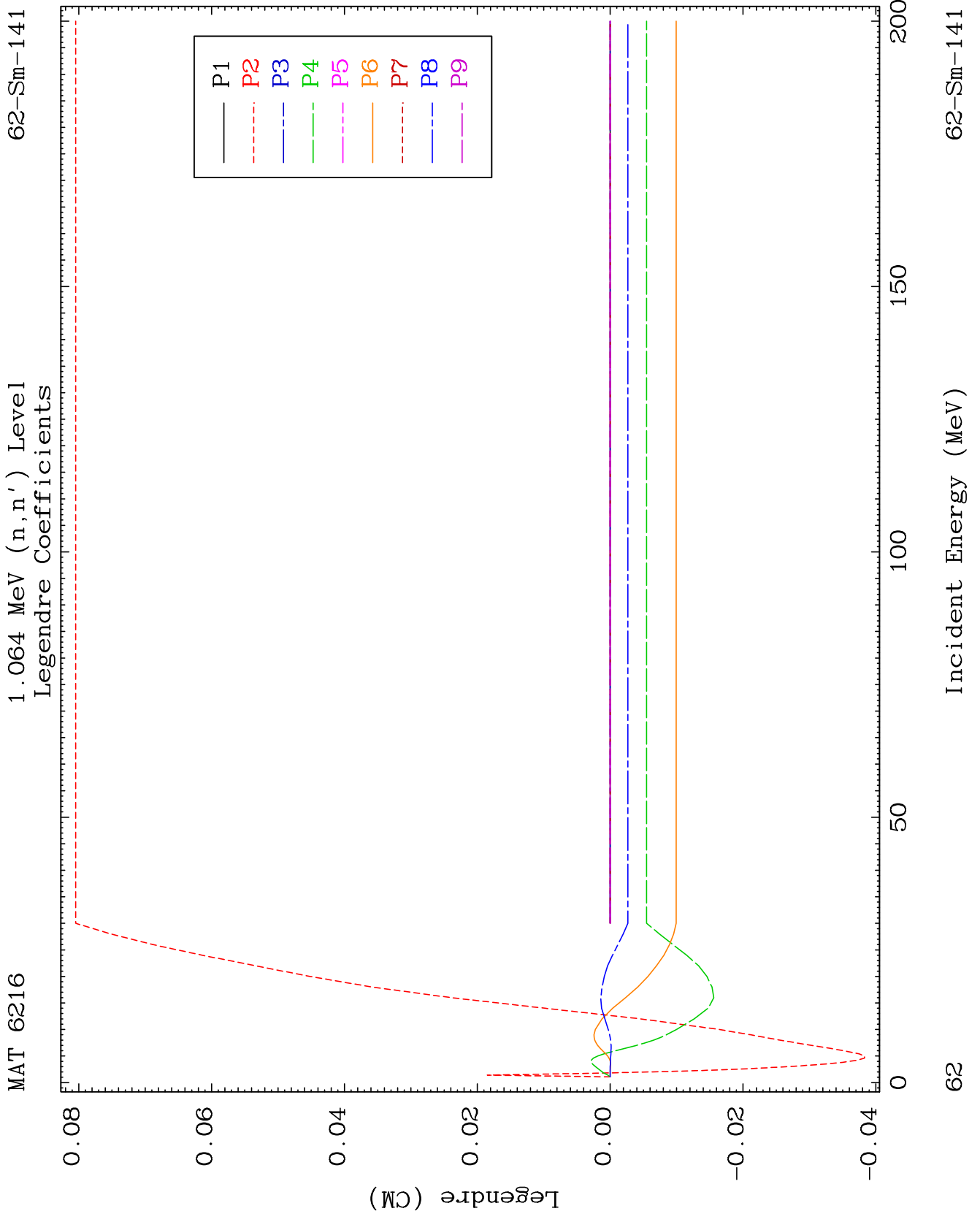








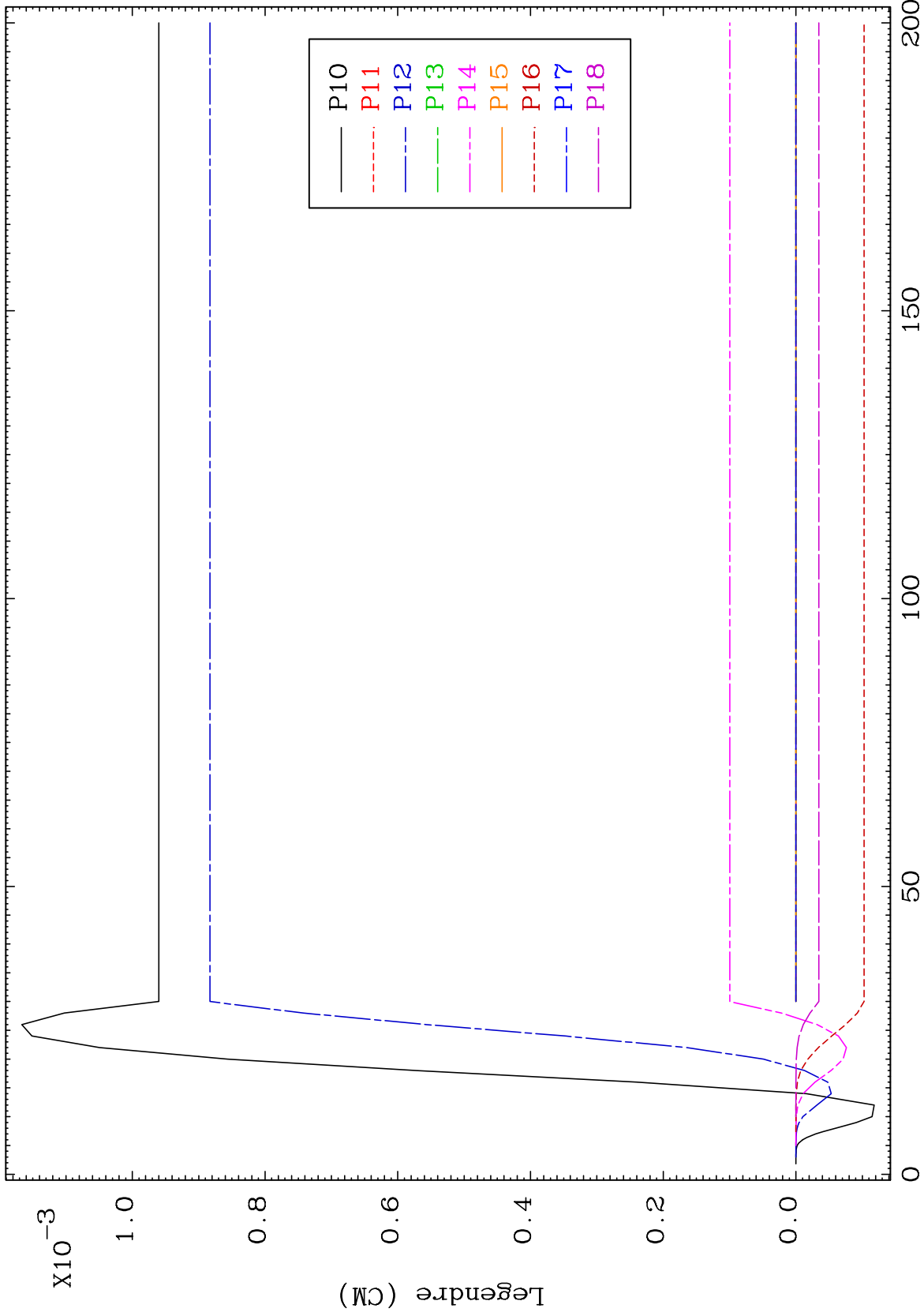




MAT 6216

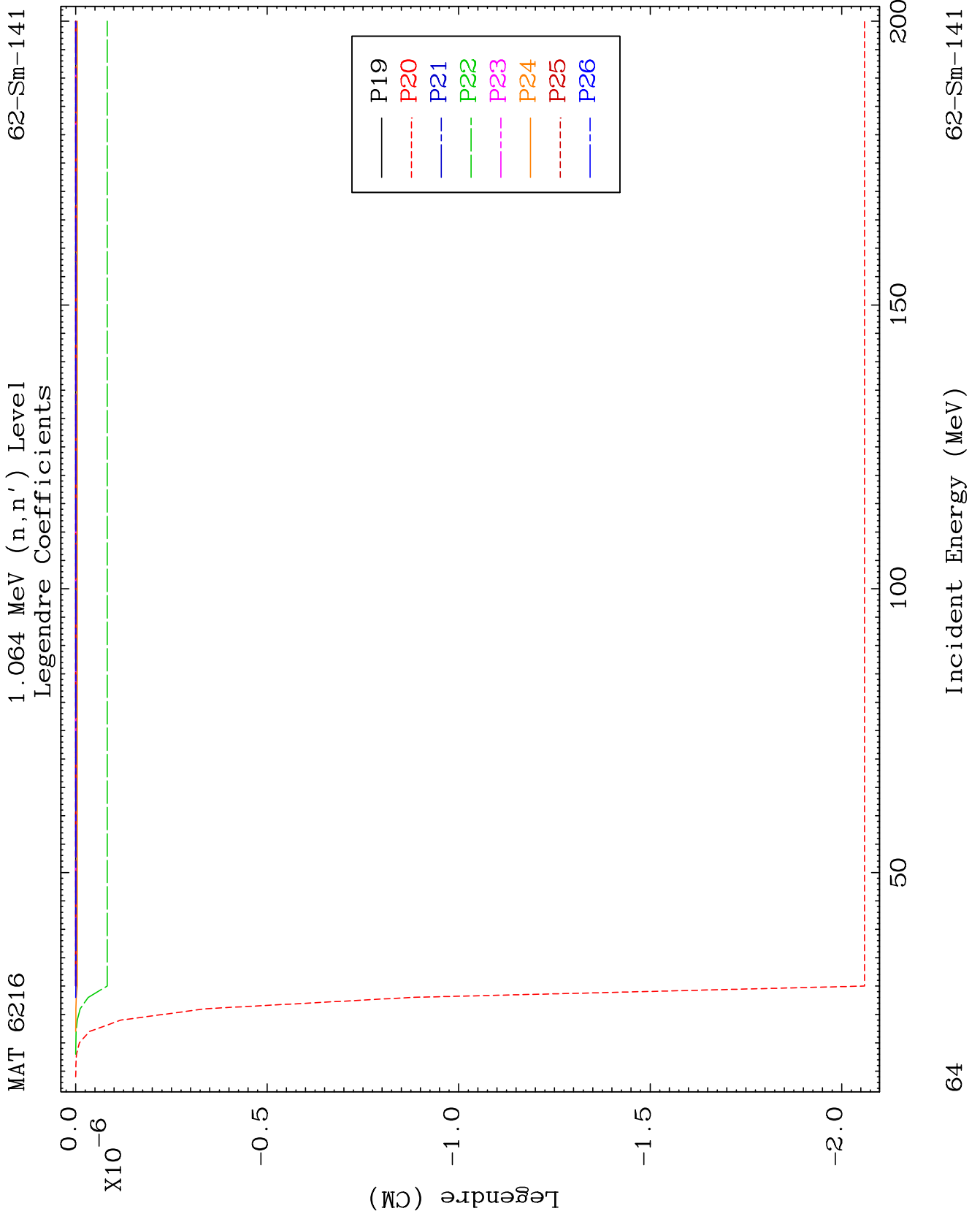
1.064 MeV (n,n') Level
Legendre Coefficients

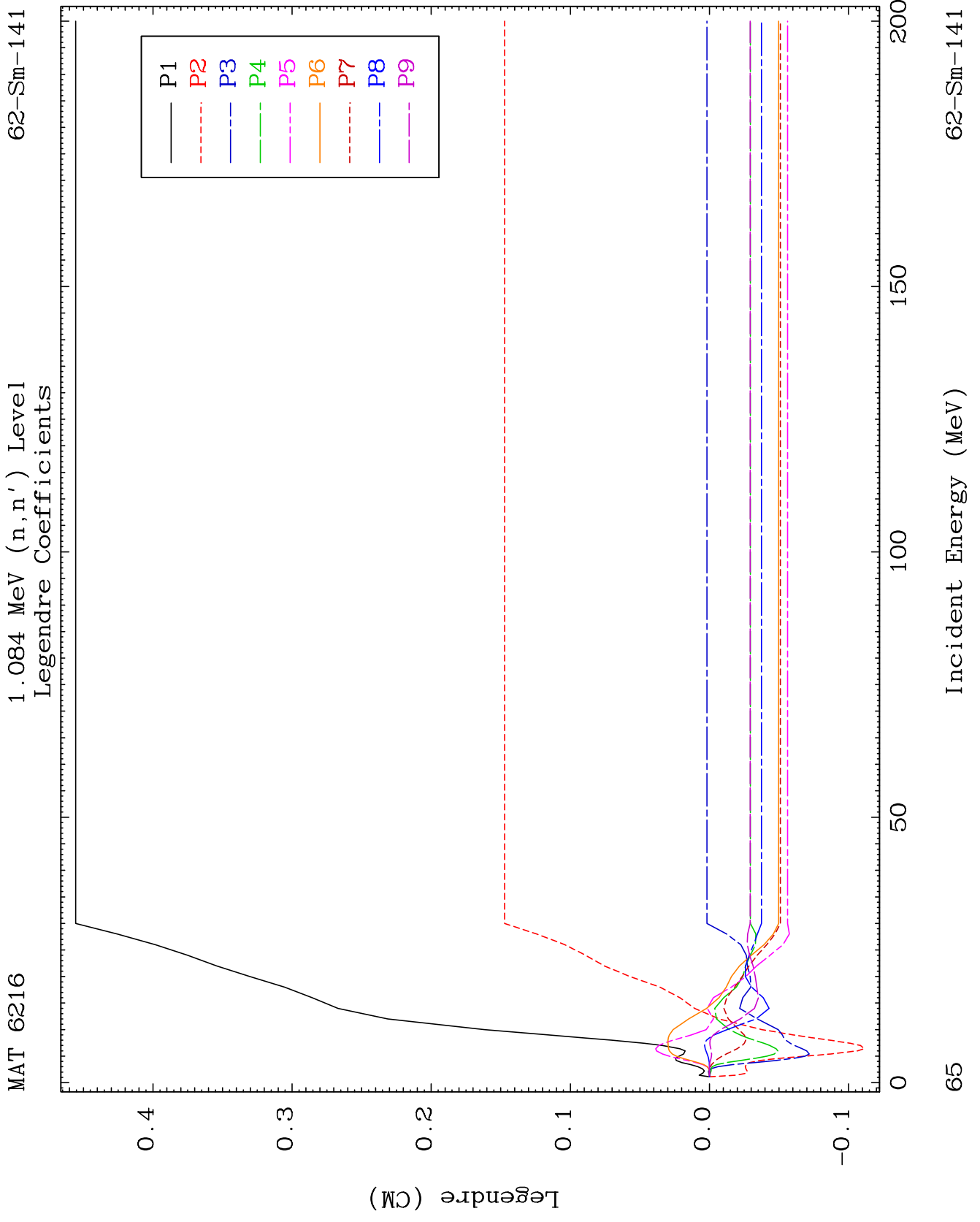
62-Sm-141



63

62-Sm-141

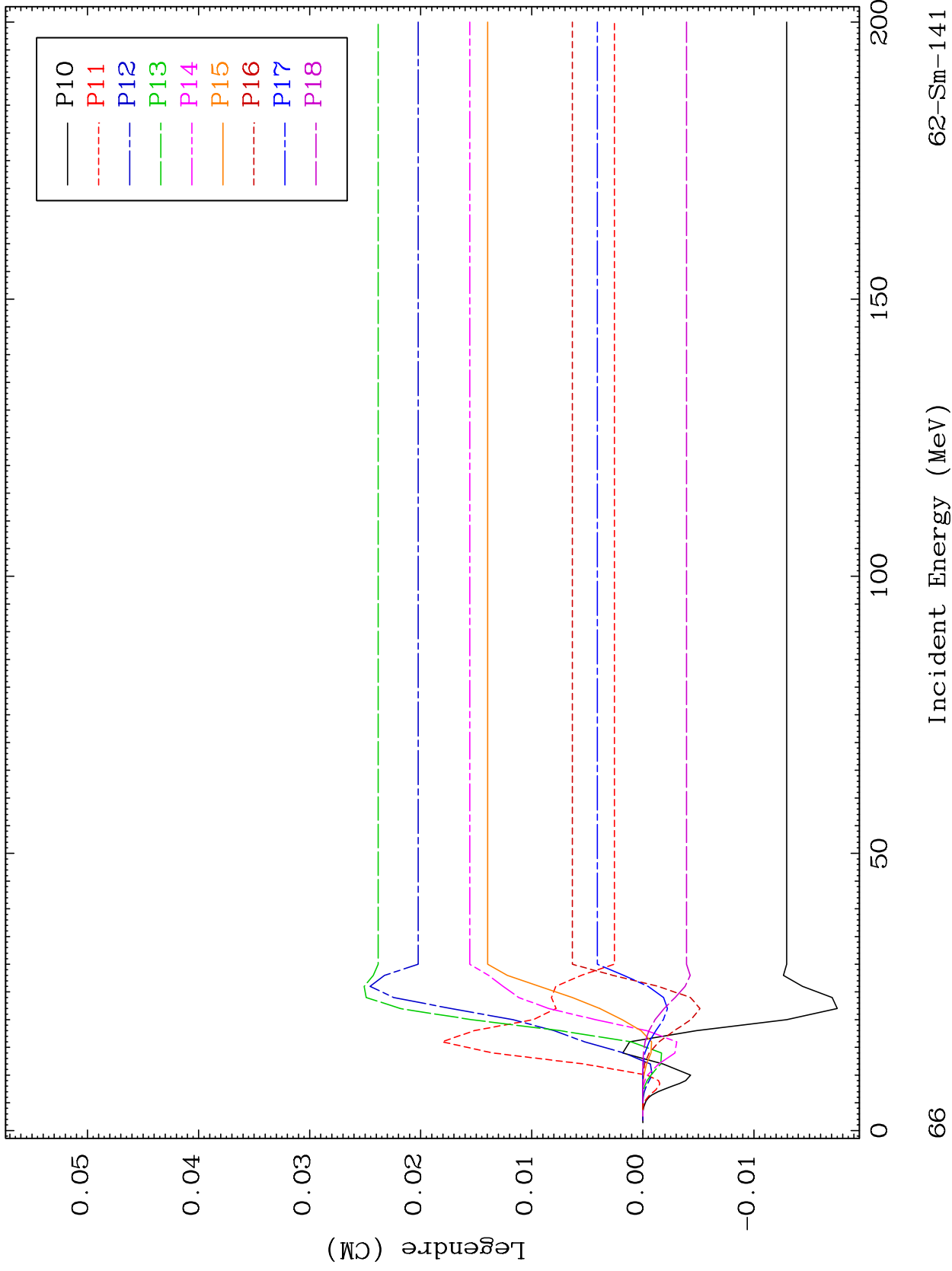




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1.084 MeV (n,n') Level
Legendre Coefficients

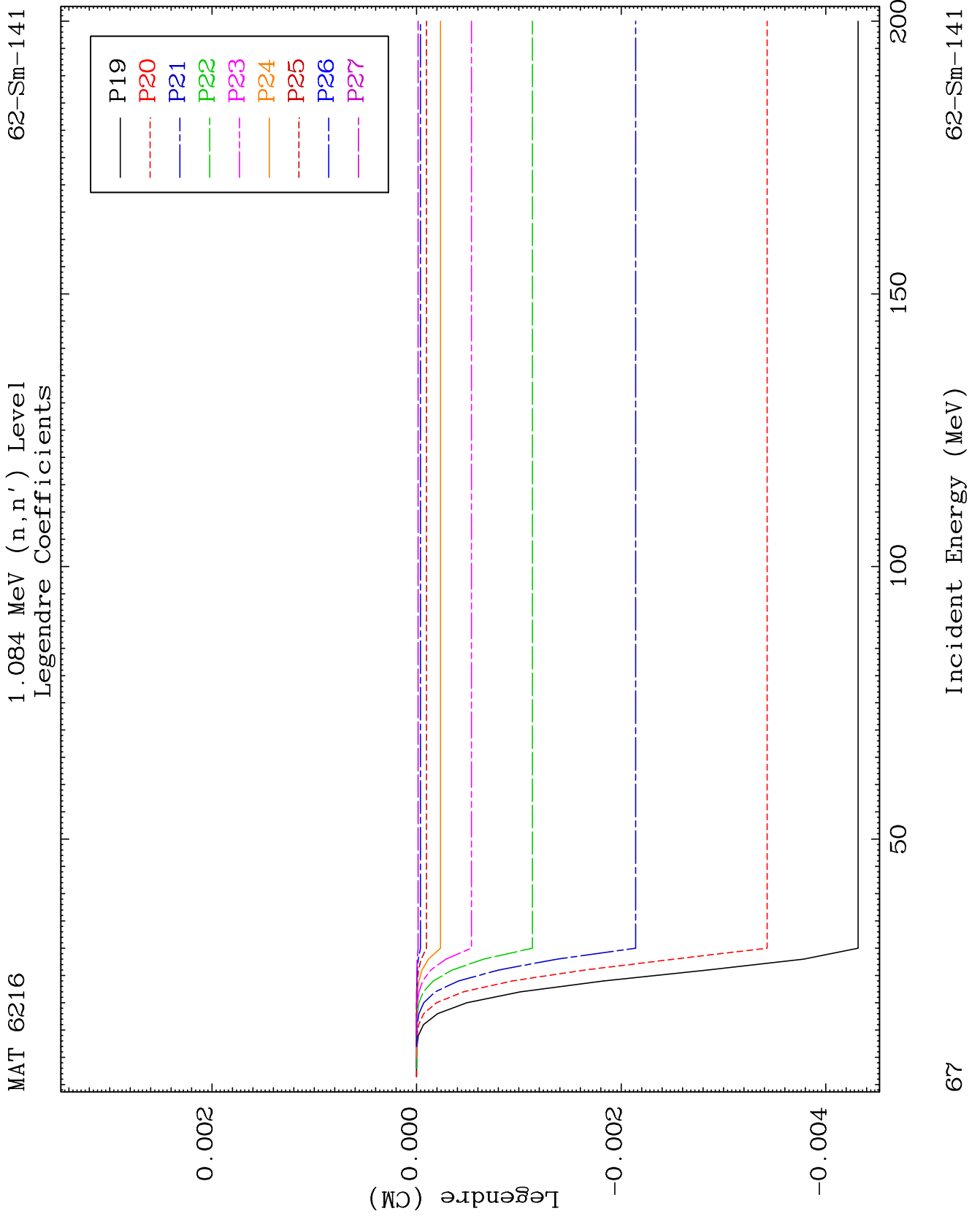
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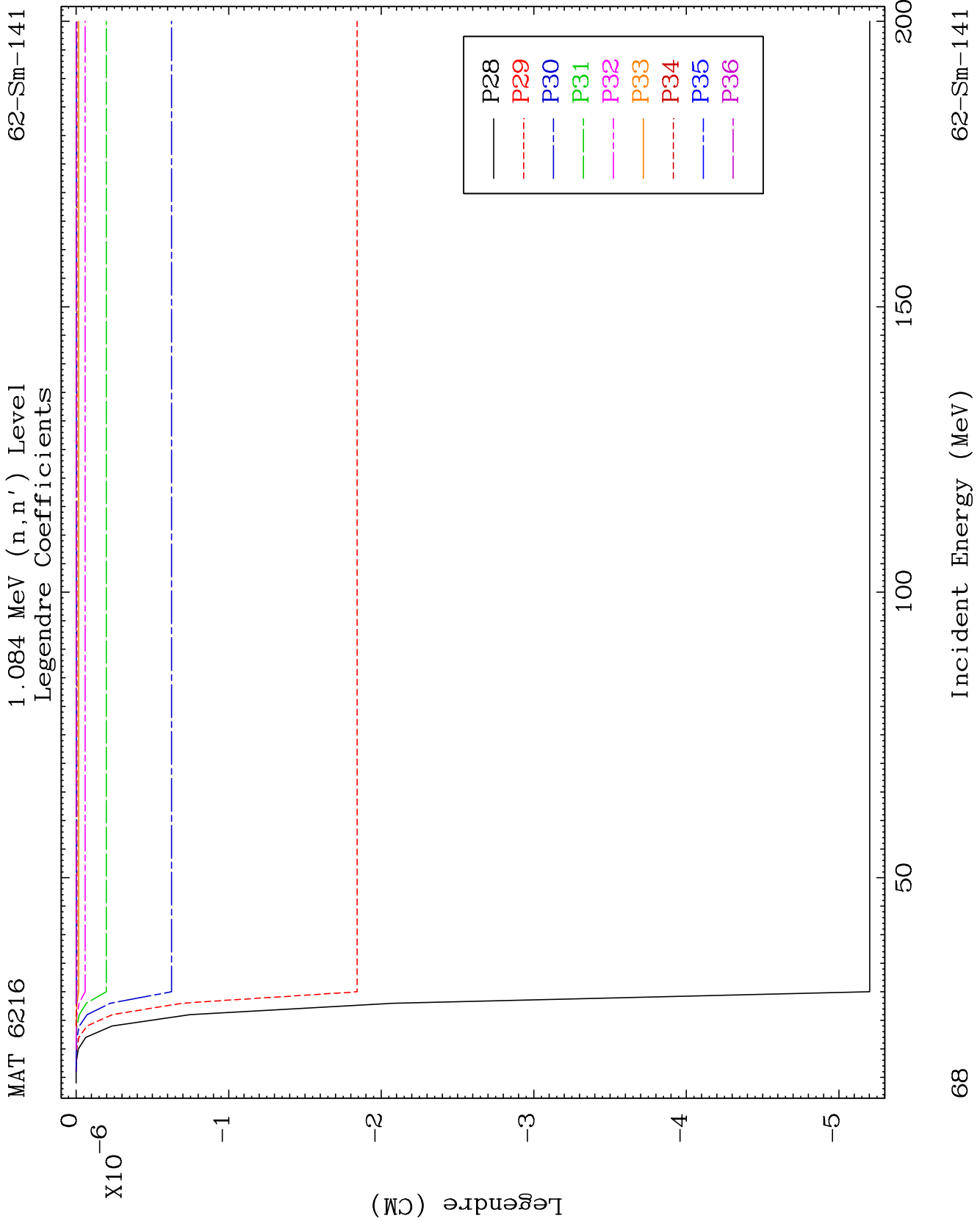


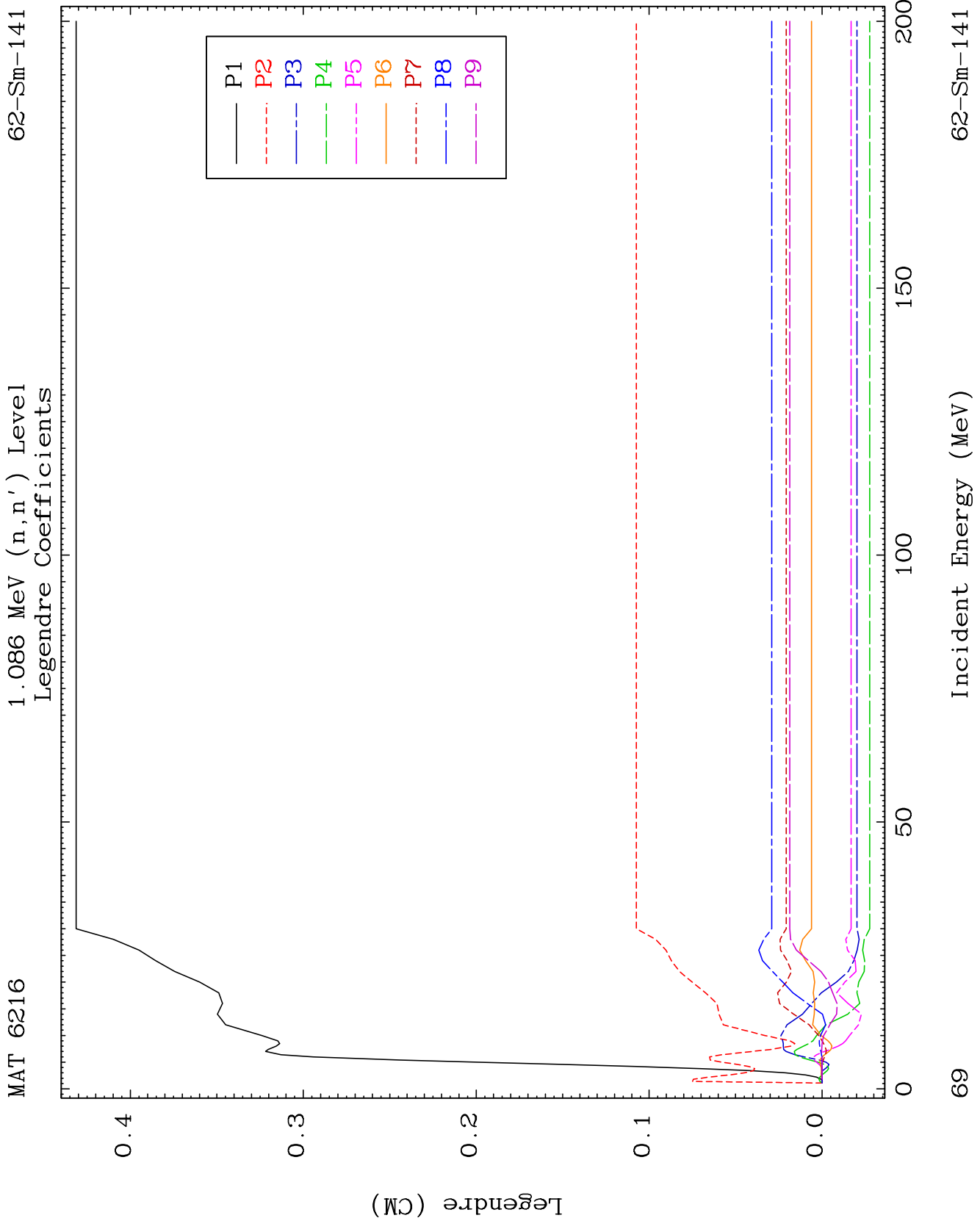
66

Incident Energy (MeV)

62-Sm-141



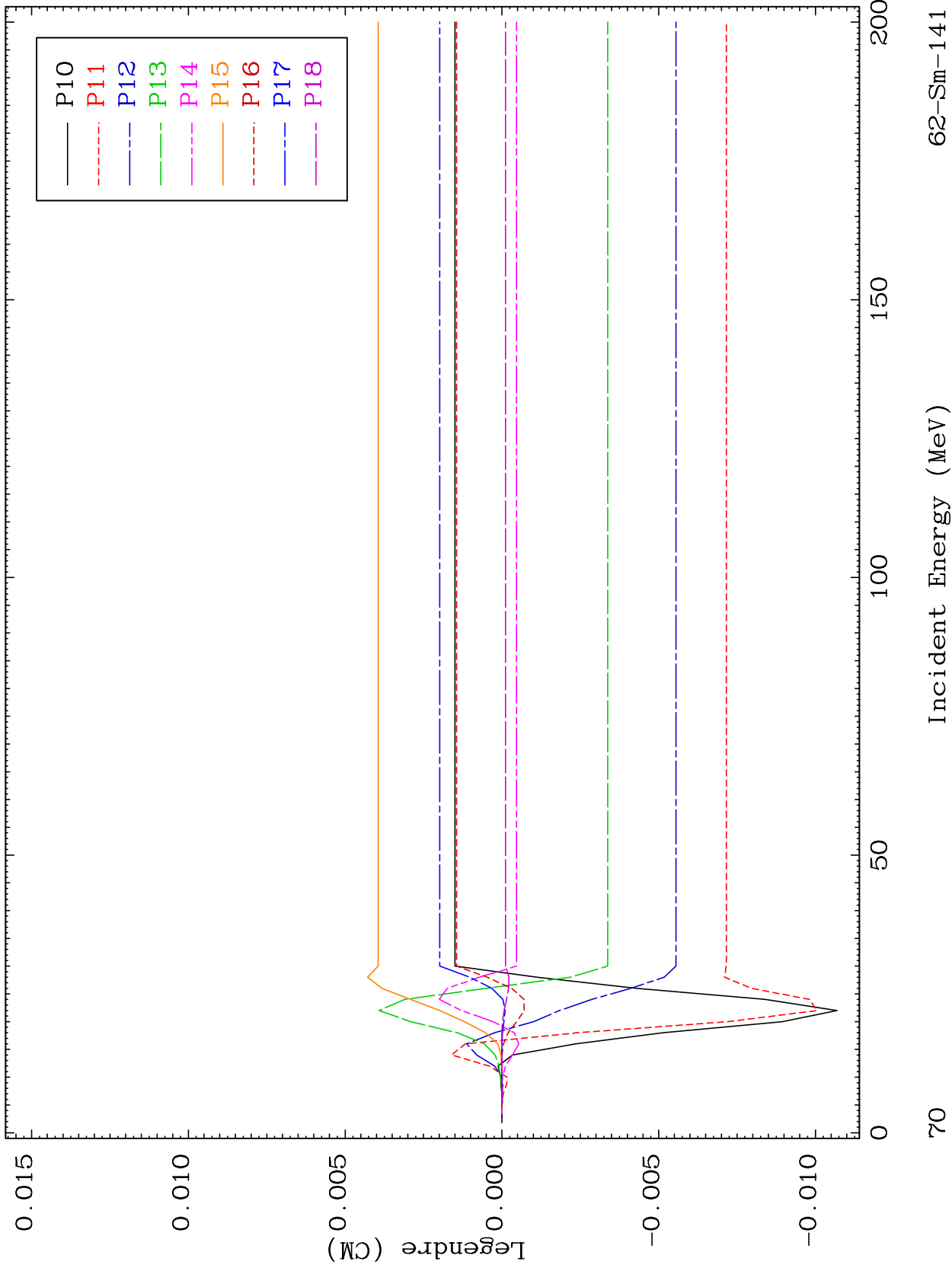




MAT 6216

1.086 MeV (n,n') Level
Legendre Coefficients

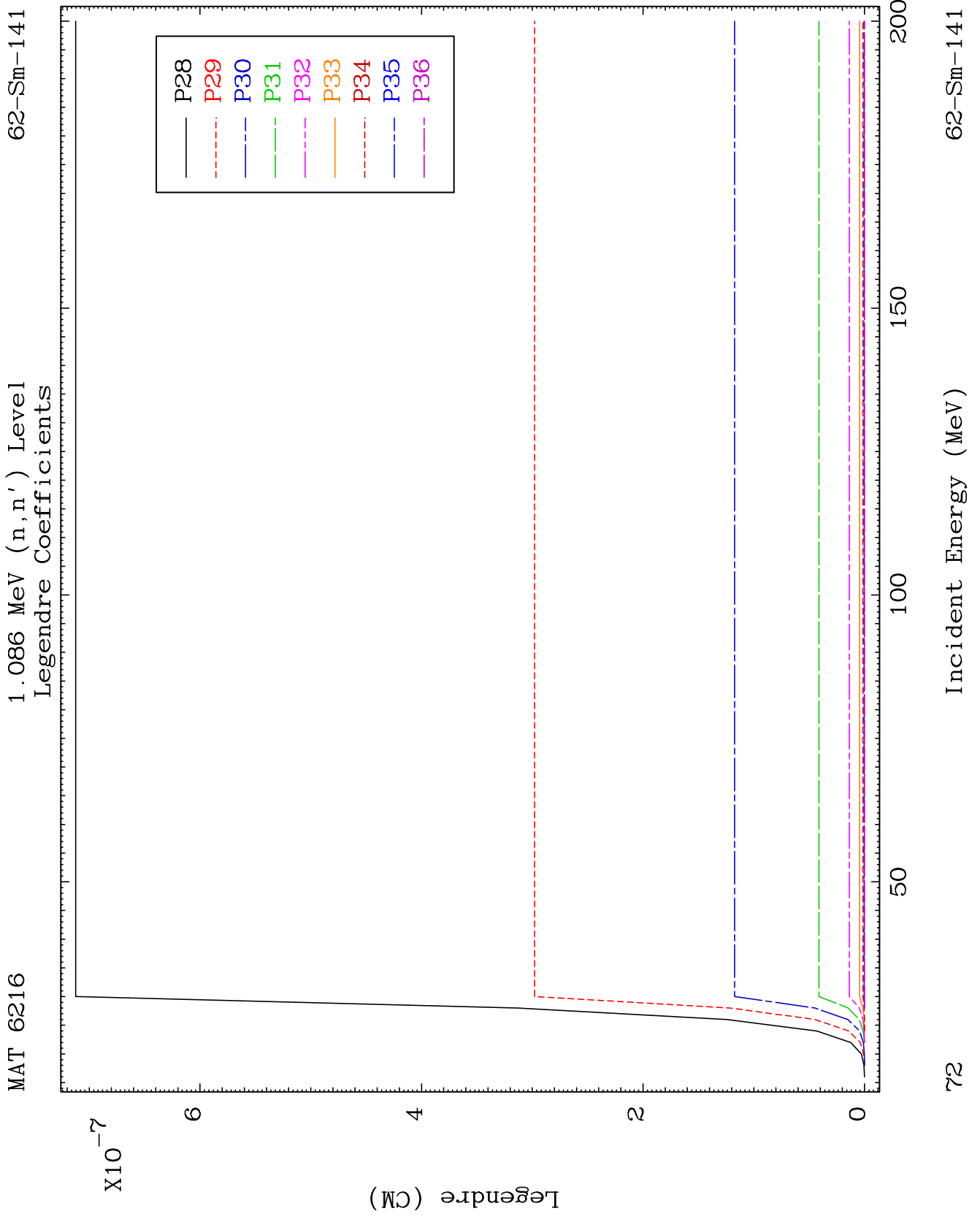
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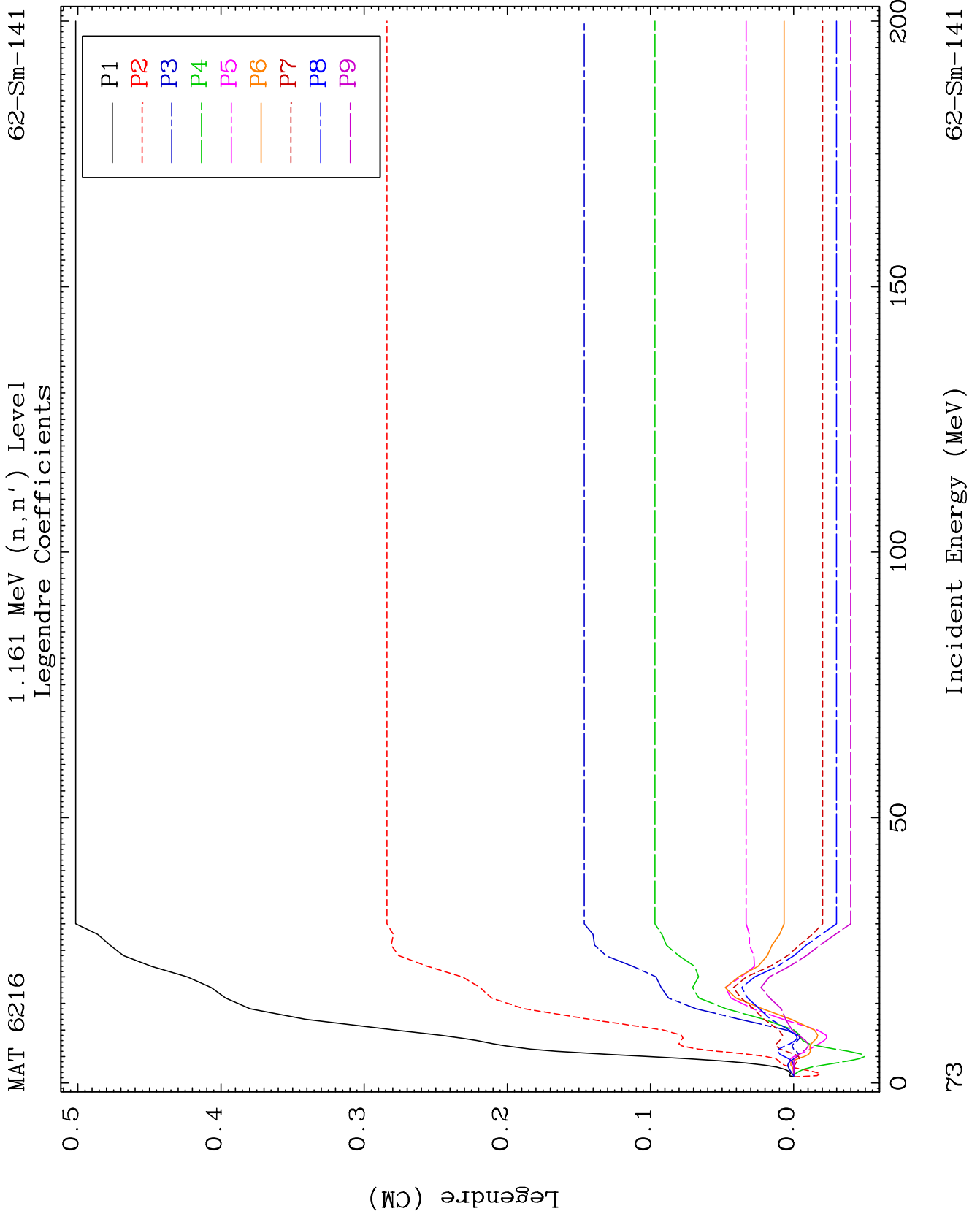


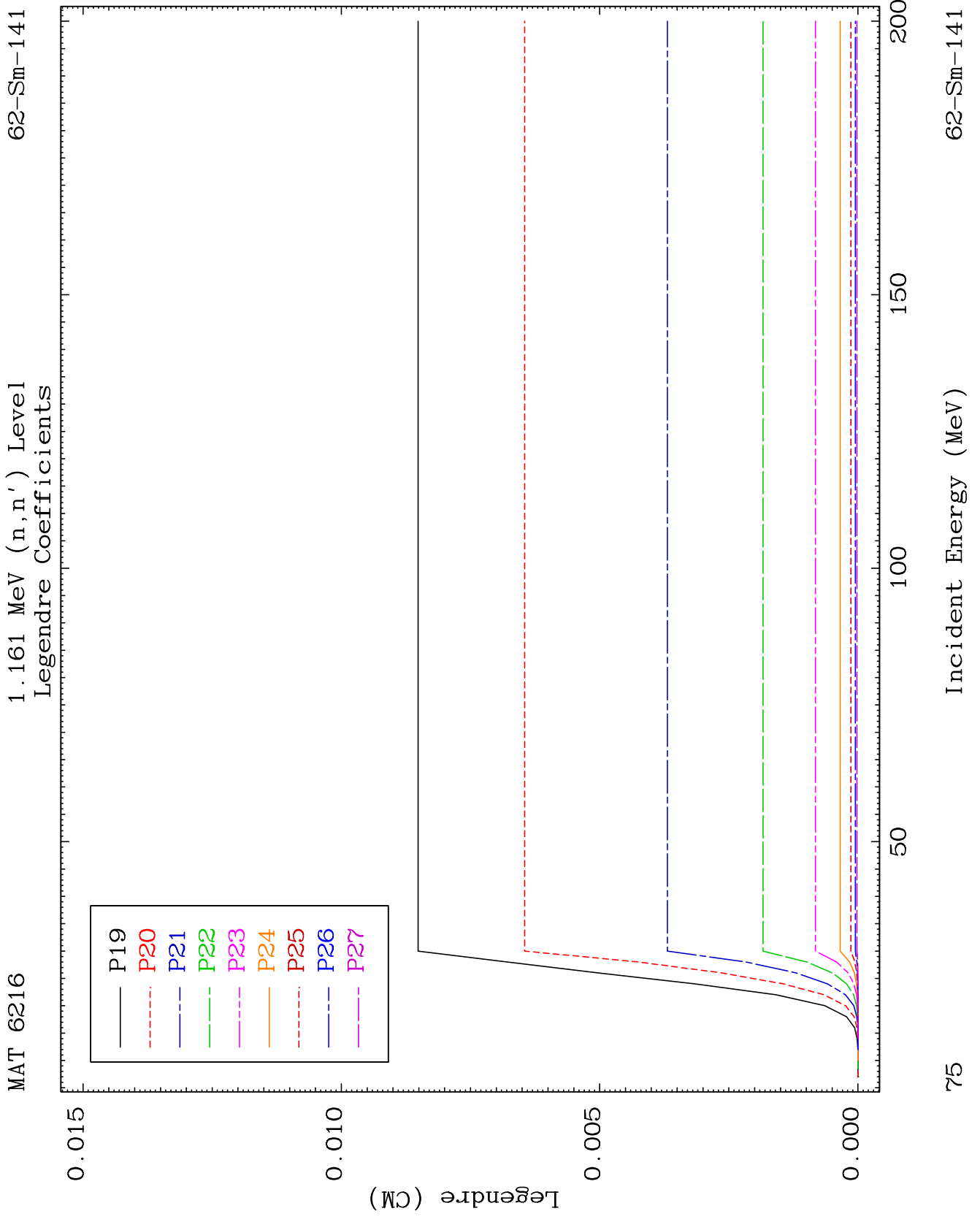
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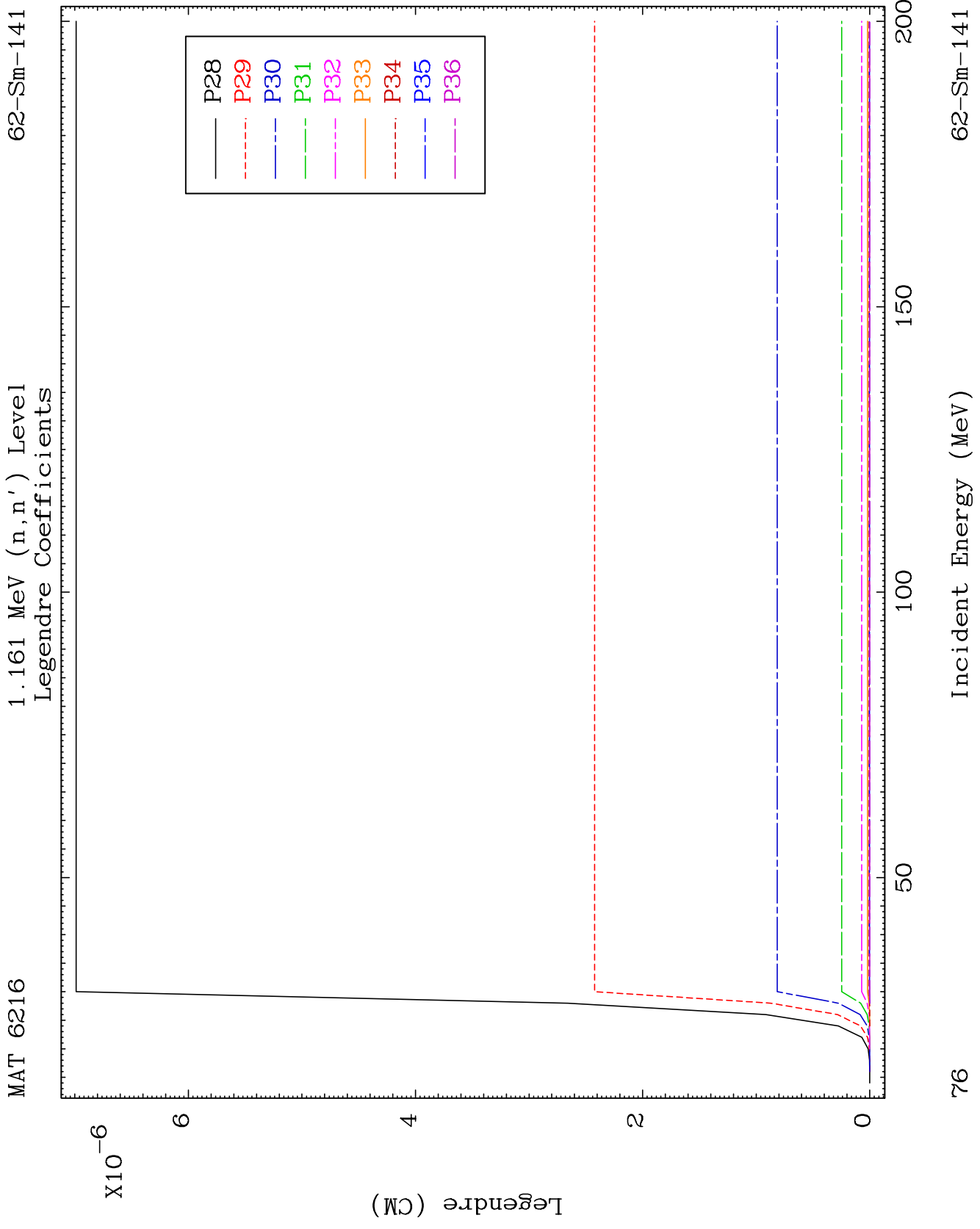
Incident Energy (MeV)

70





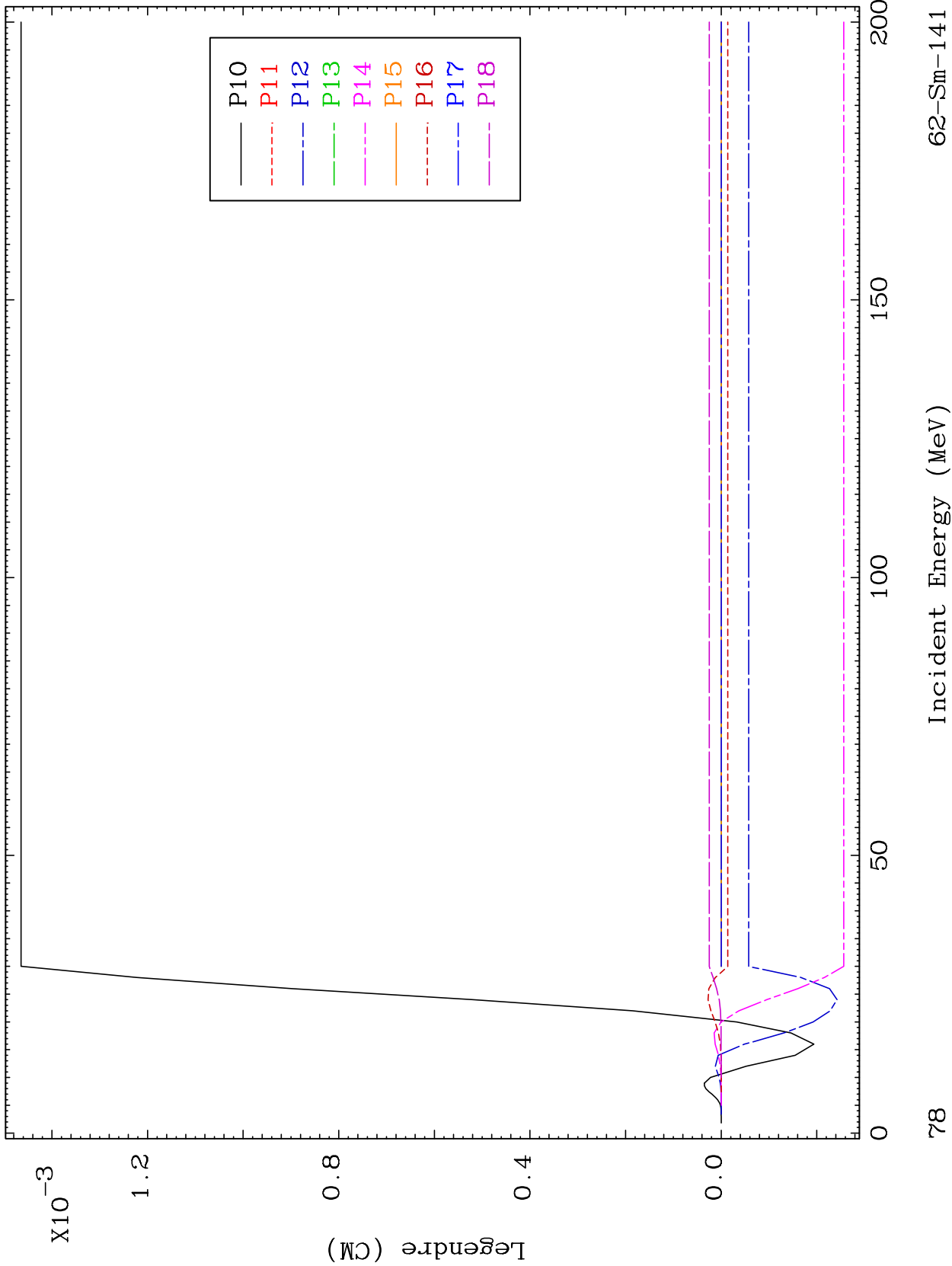




MAT 6216

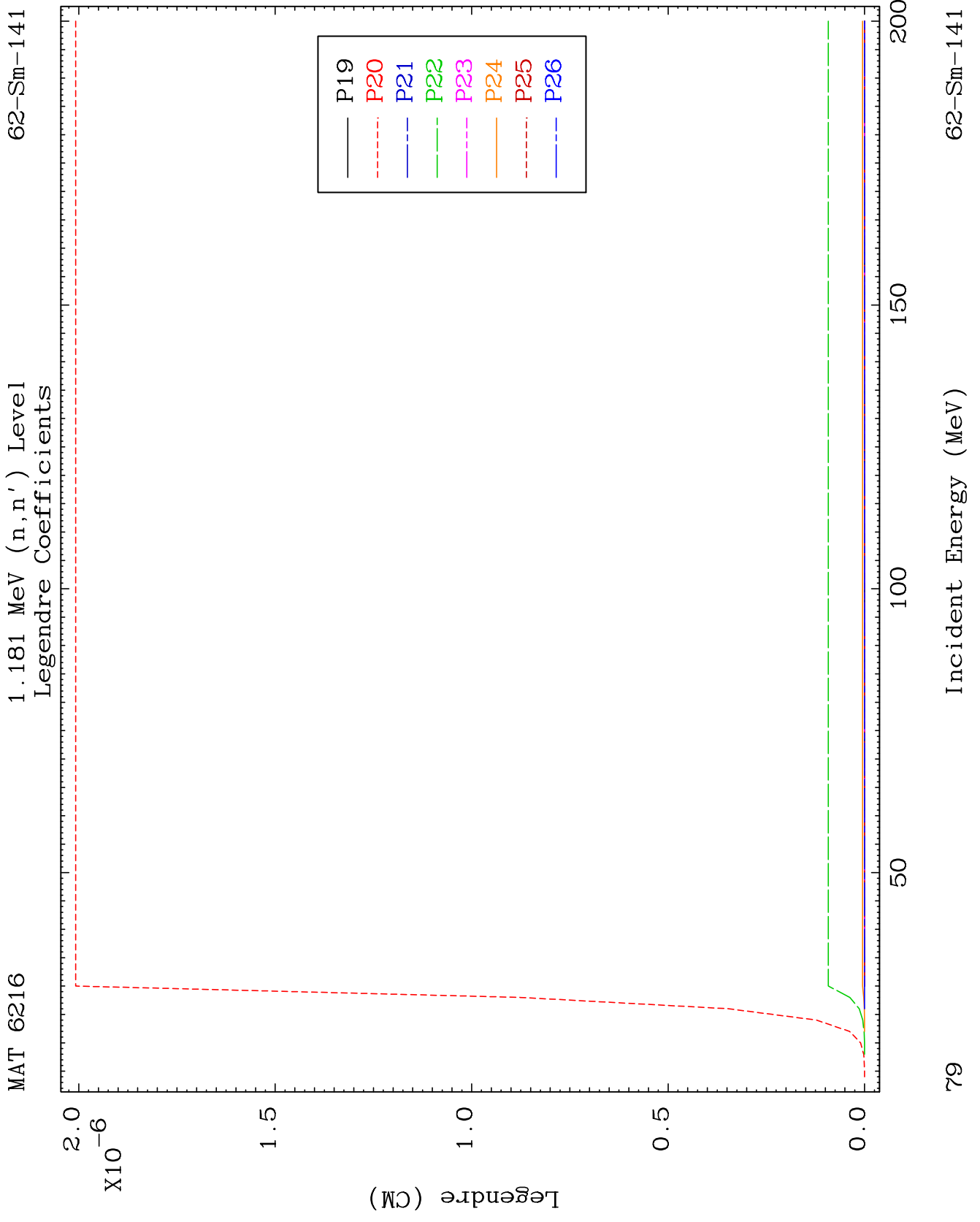
1.181 MeV (n,n') Level
Legendre Coefficients

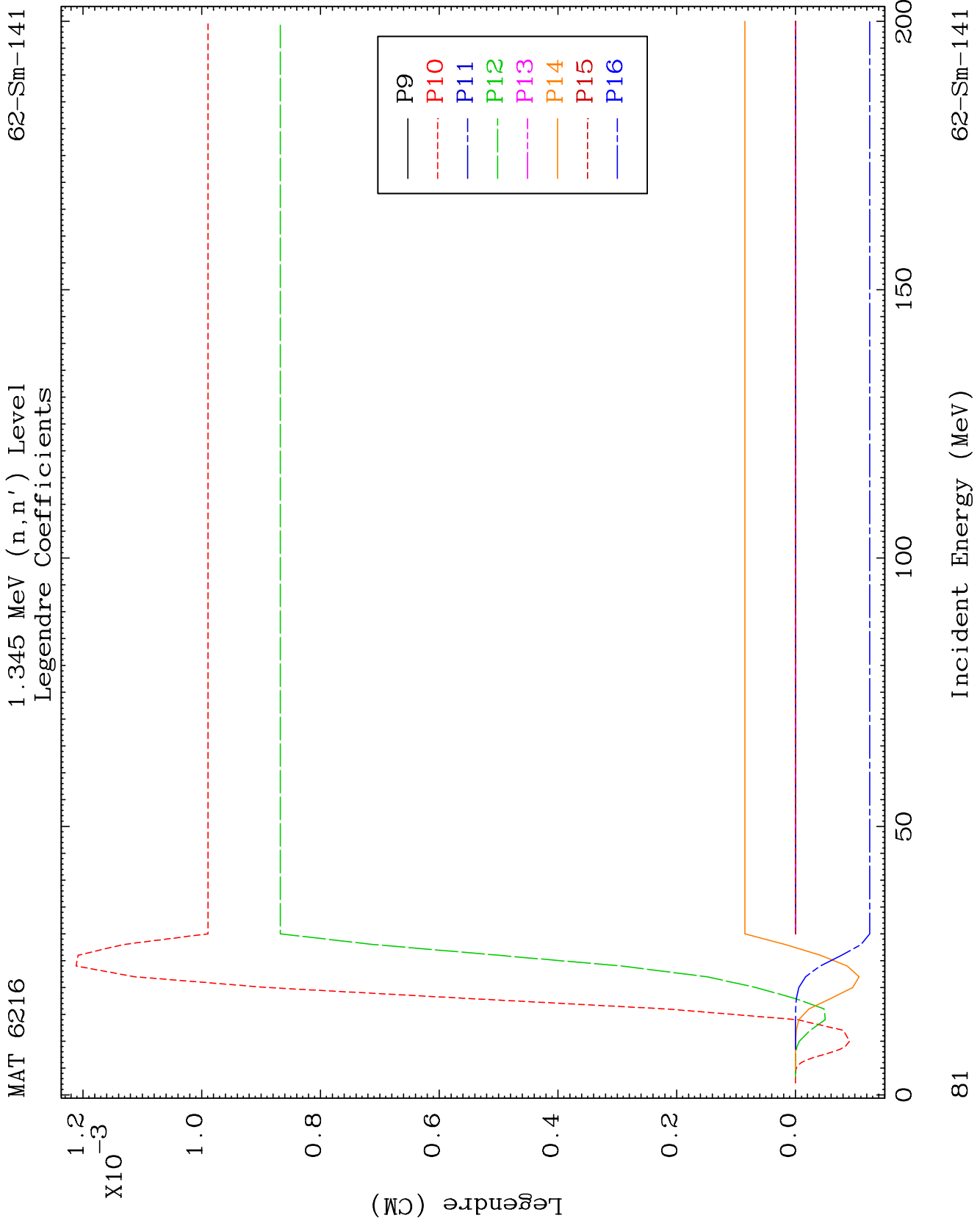
62-Sm-141

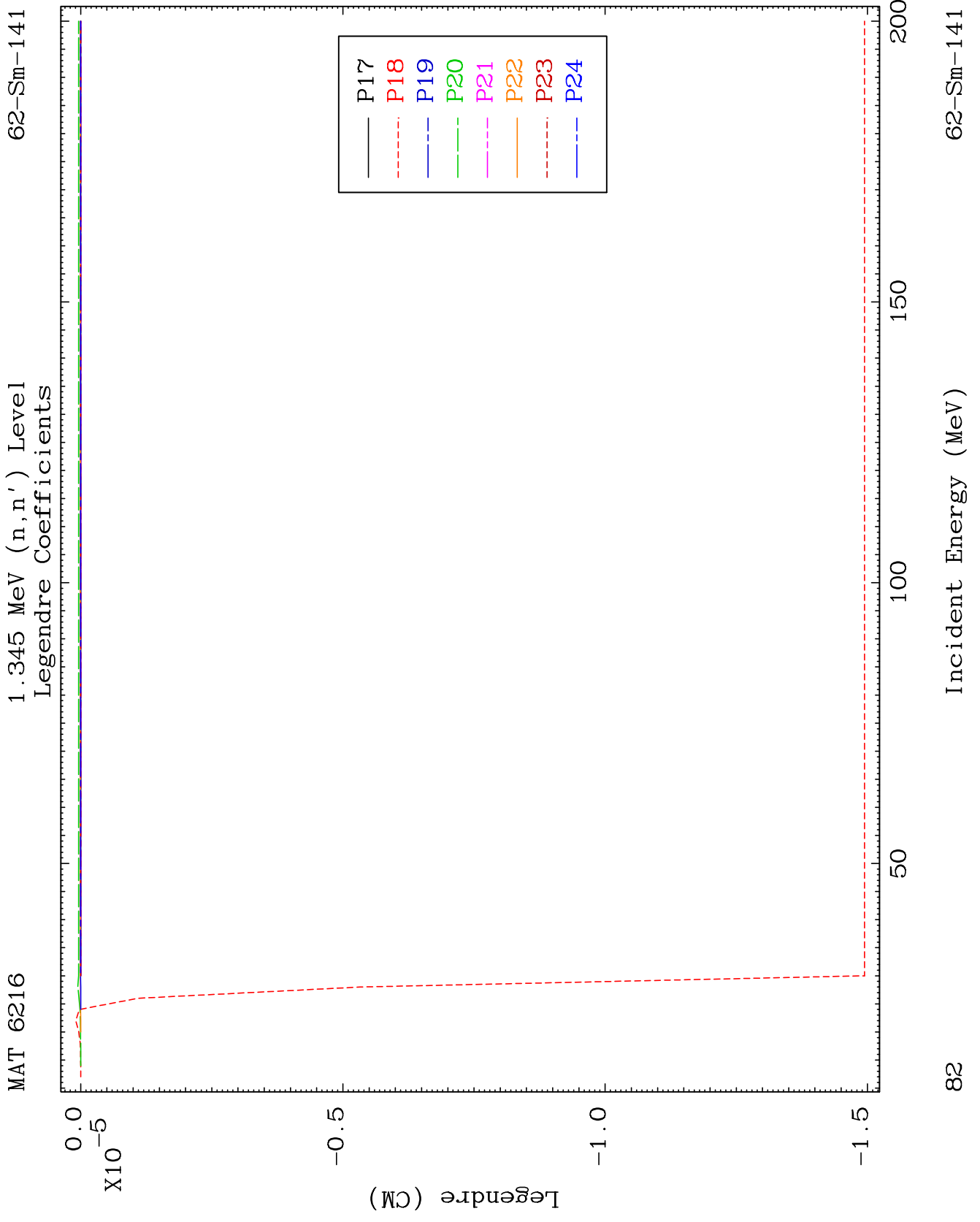


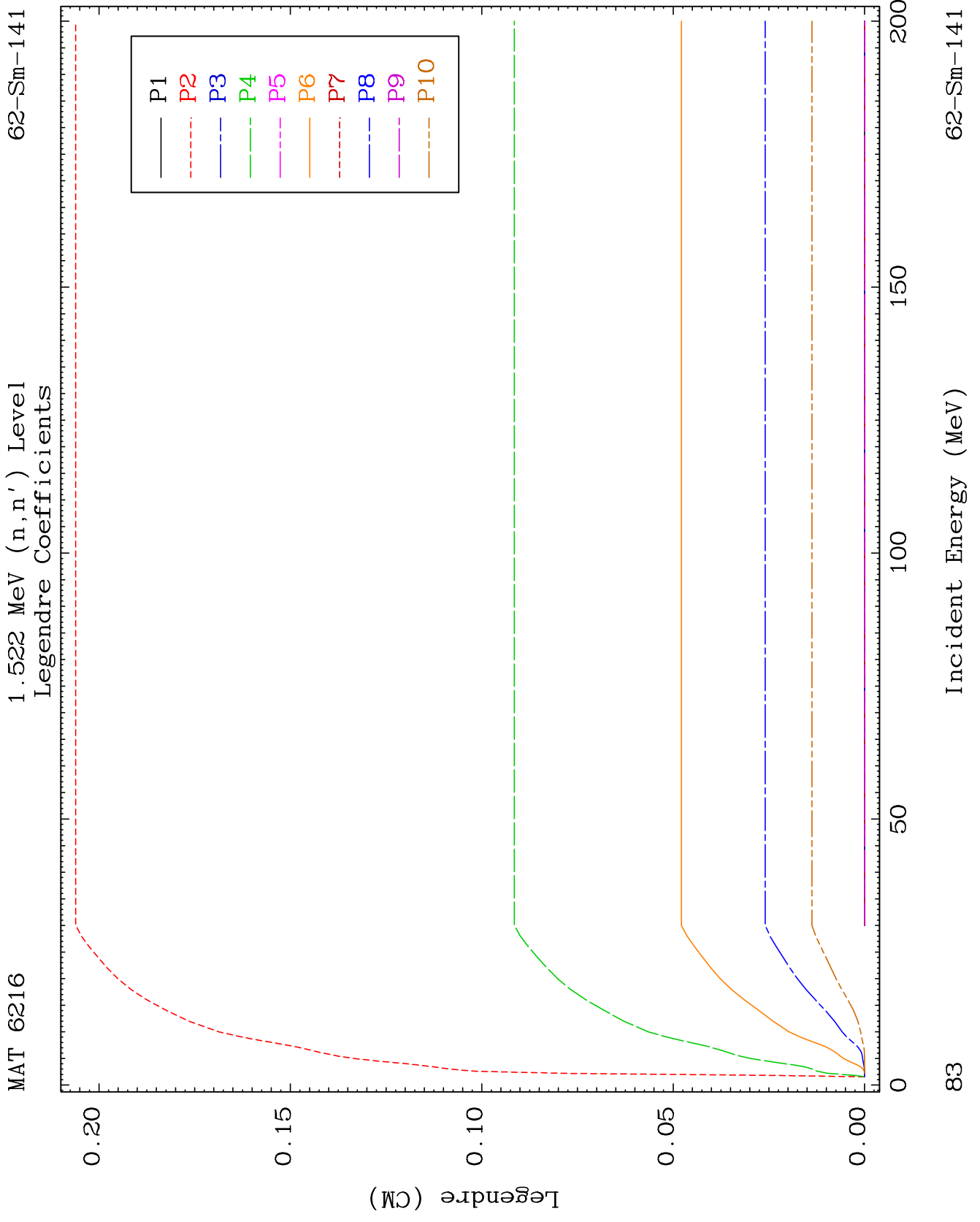
78

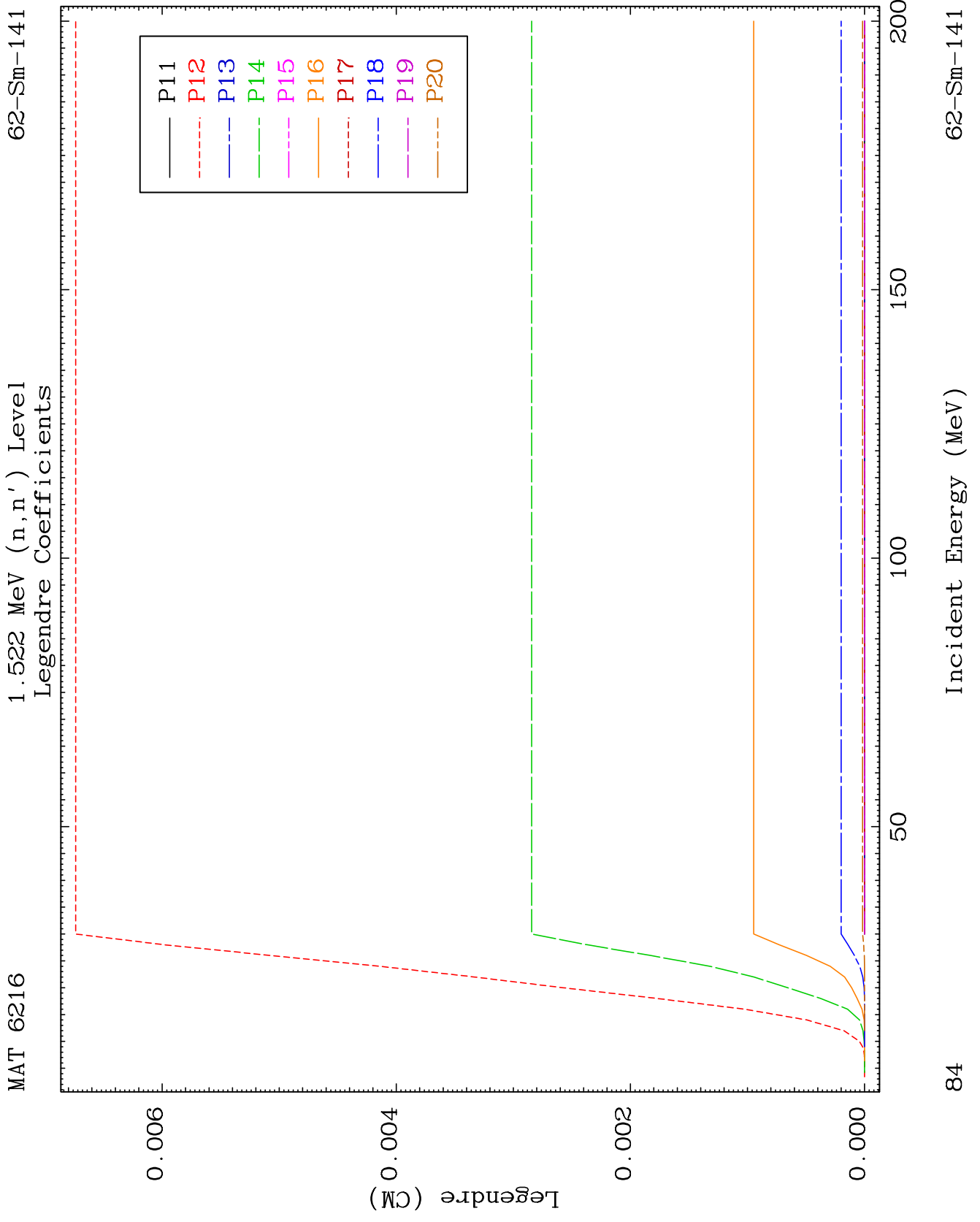
62-Sm-141

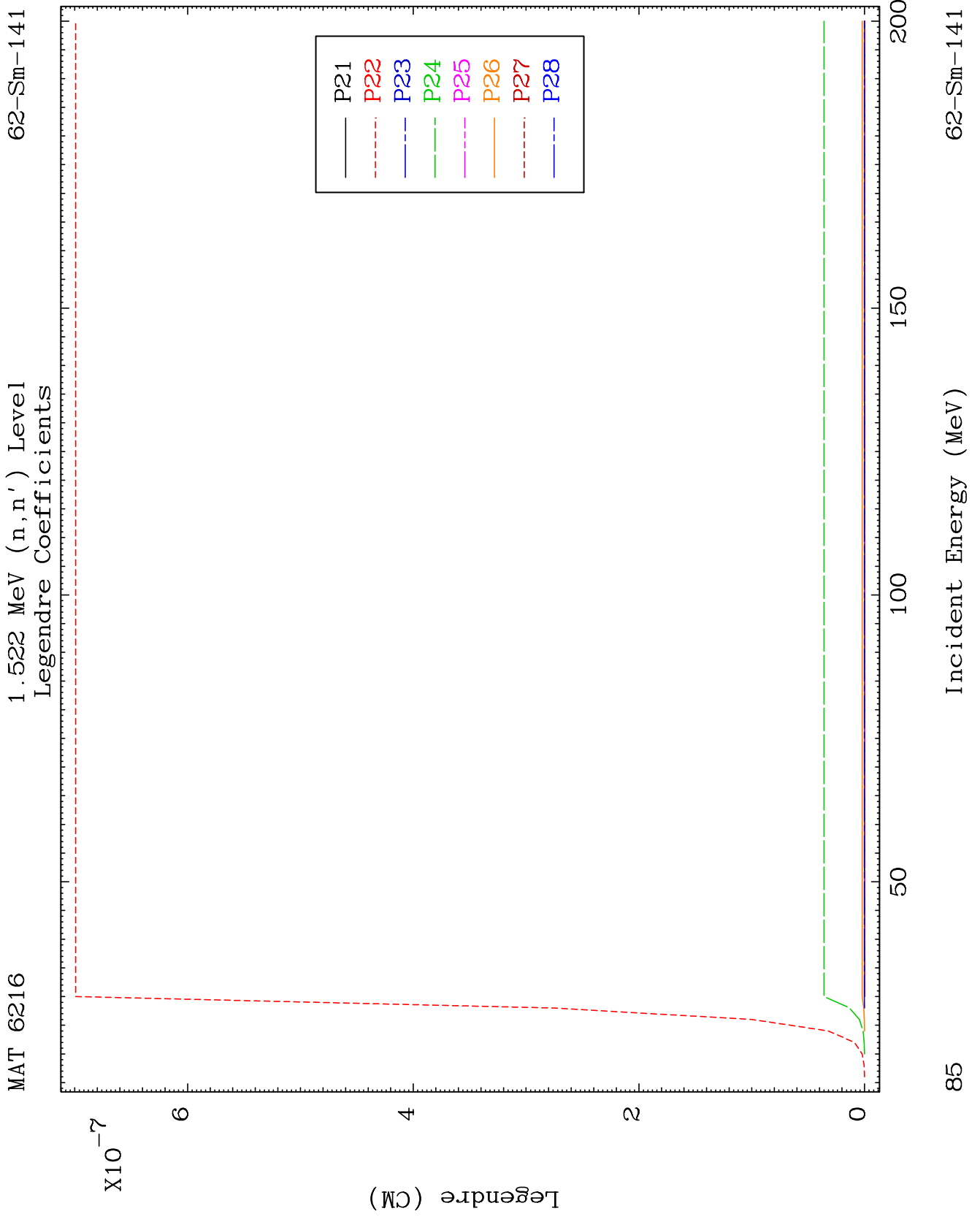


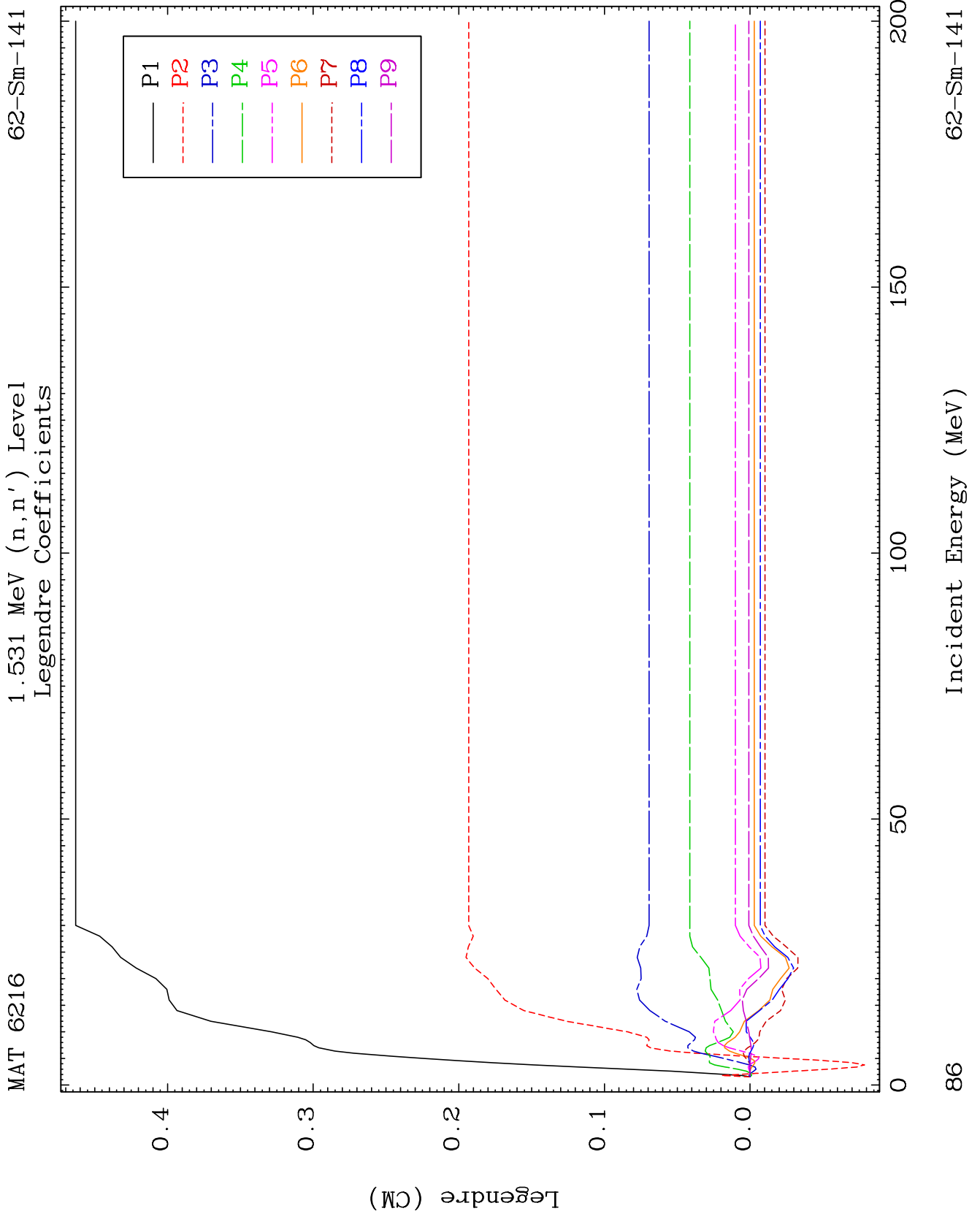


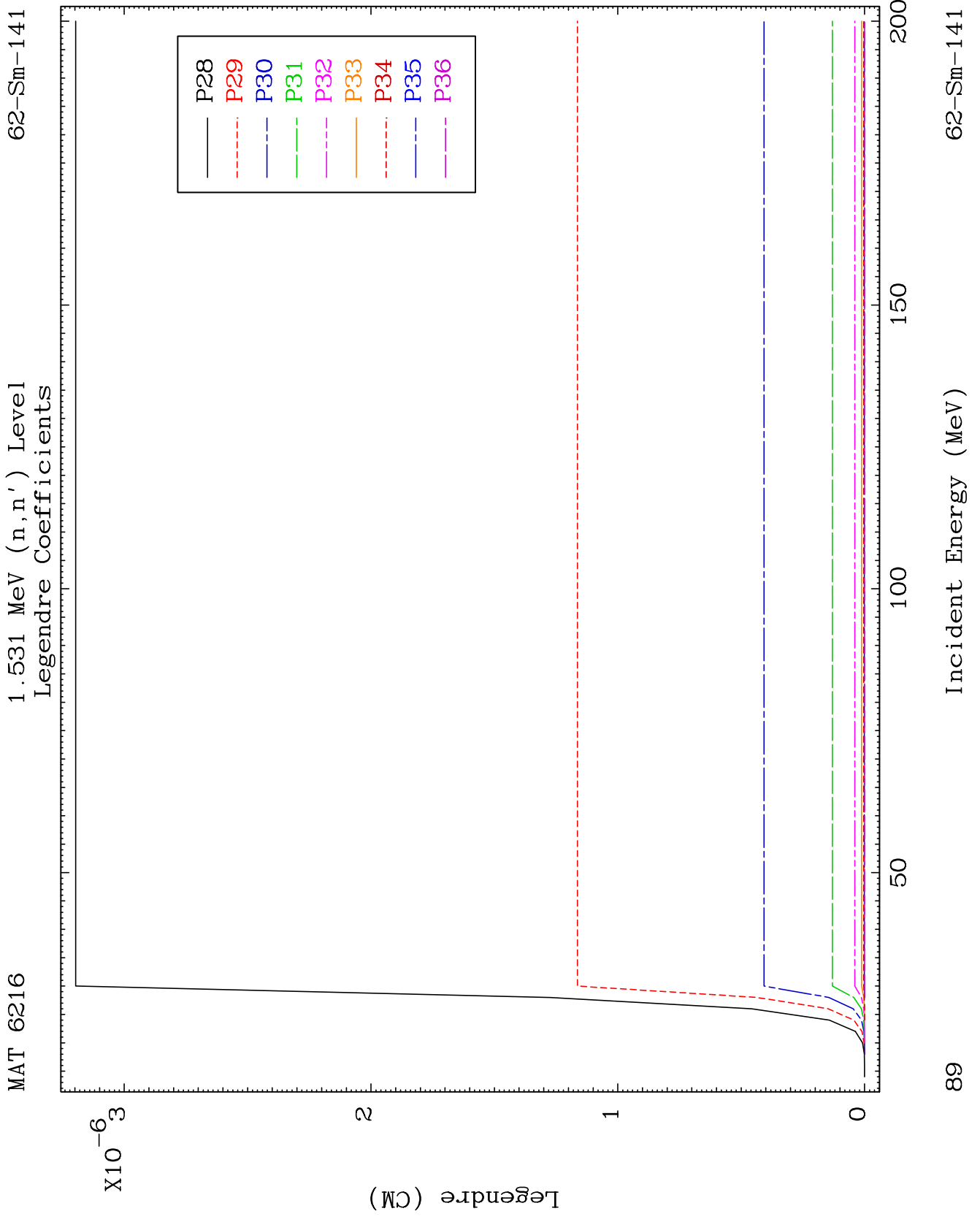












MAT 6216

1.631 MeV (n,n') Level
Legendre Coefficients

62-Sm-141



62-Sm-141

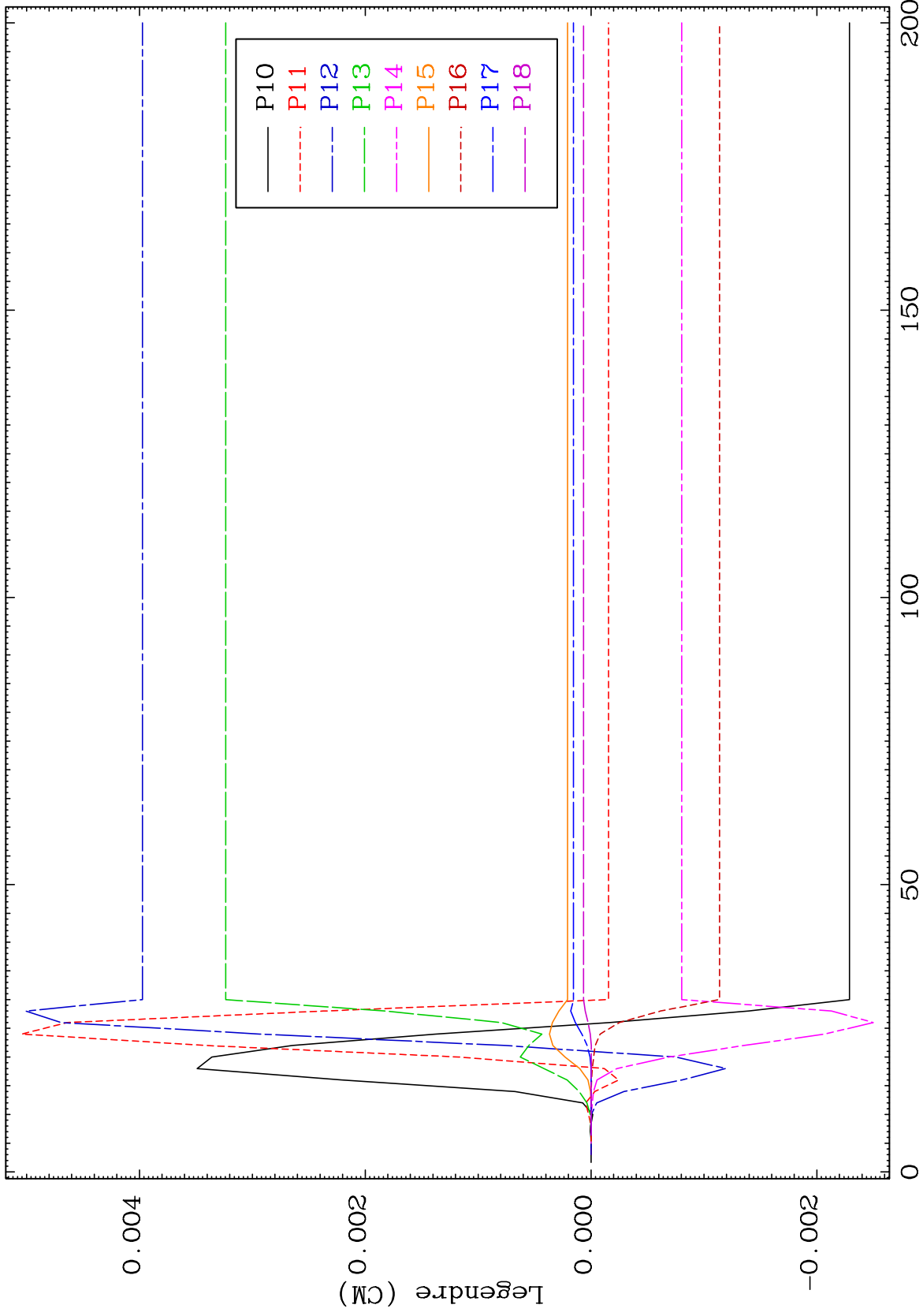
Incident Energy (MeV)

90

MAT 6216

1.631 MeV (n,n') Level
Legendre Coefficients

62-Sm-141



91

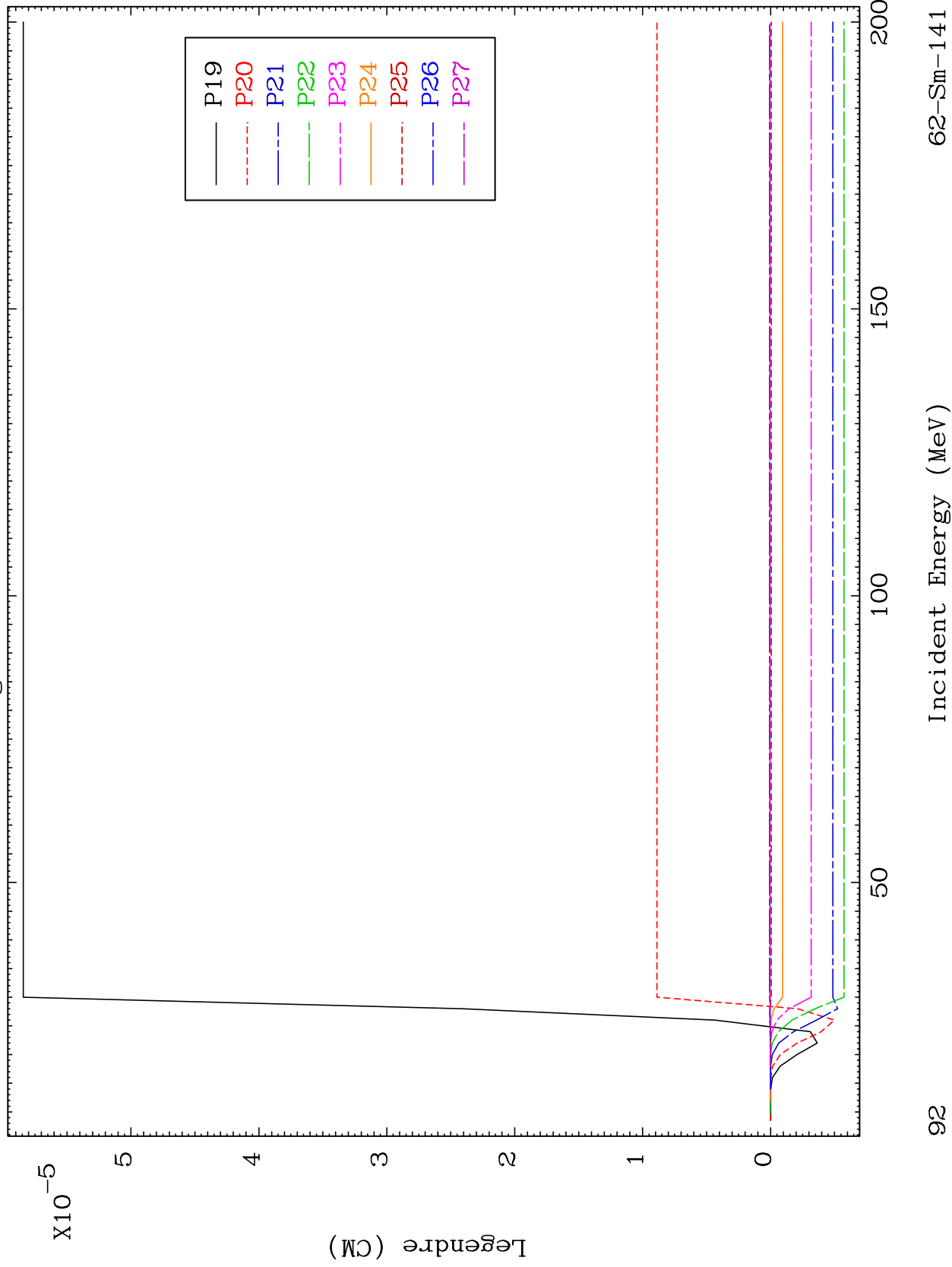
Incident Energy (MeV)

62-Sm-141

MAT 6216

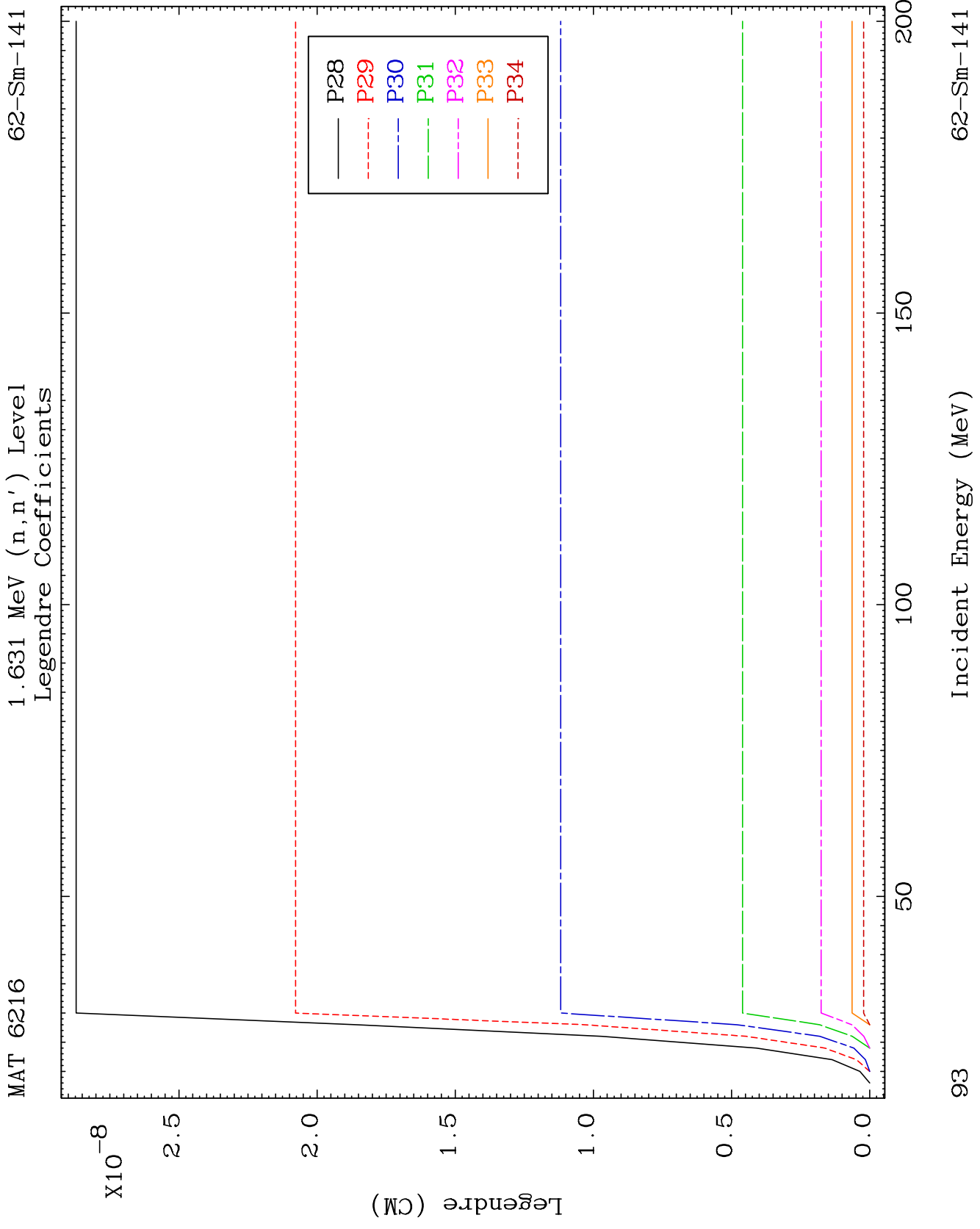
1.631 MeV (n,n') Level
Legendre Coefficients

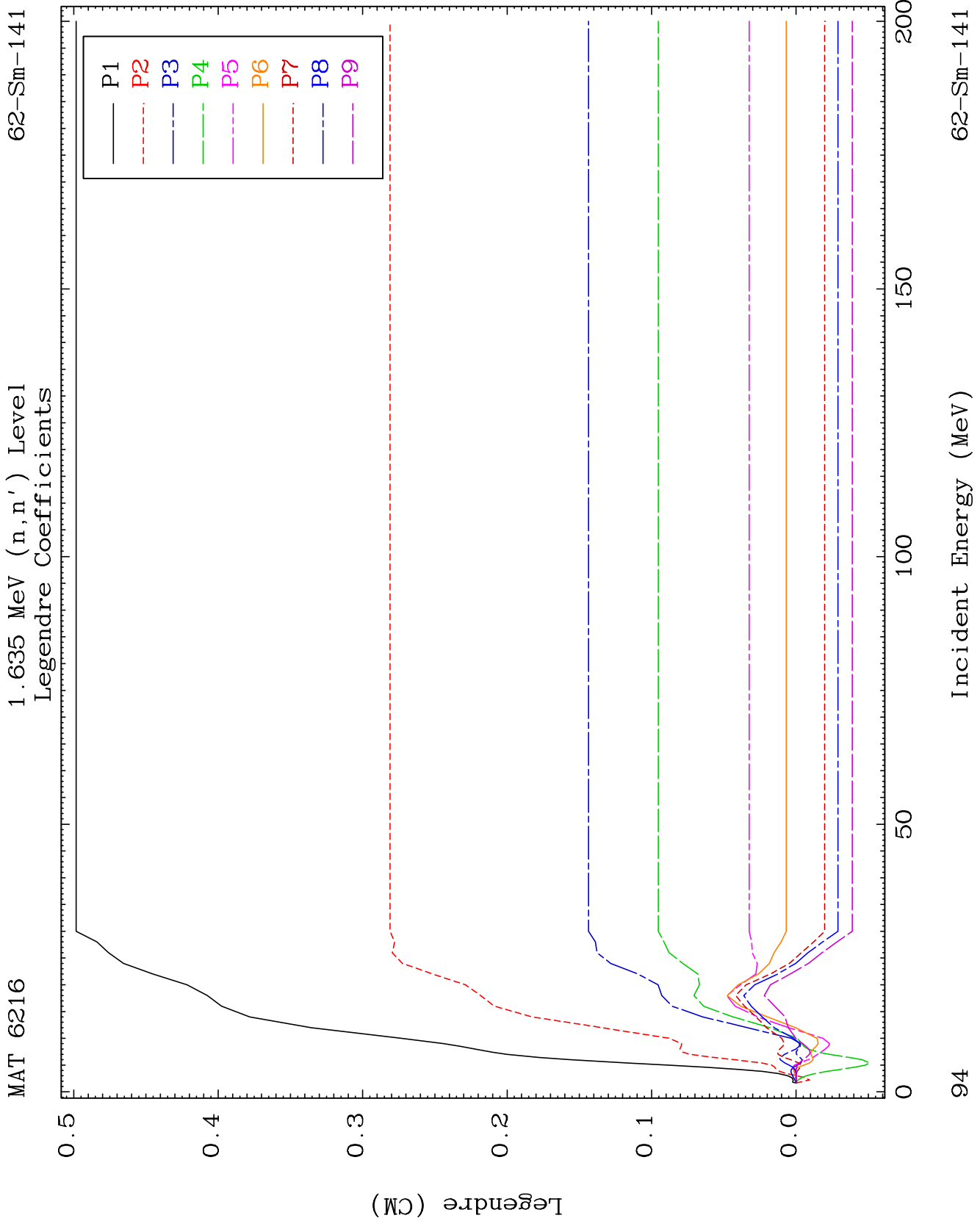
62-Sm-141

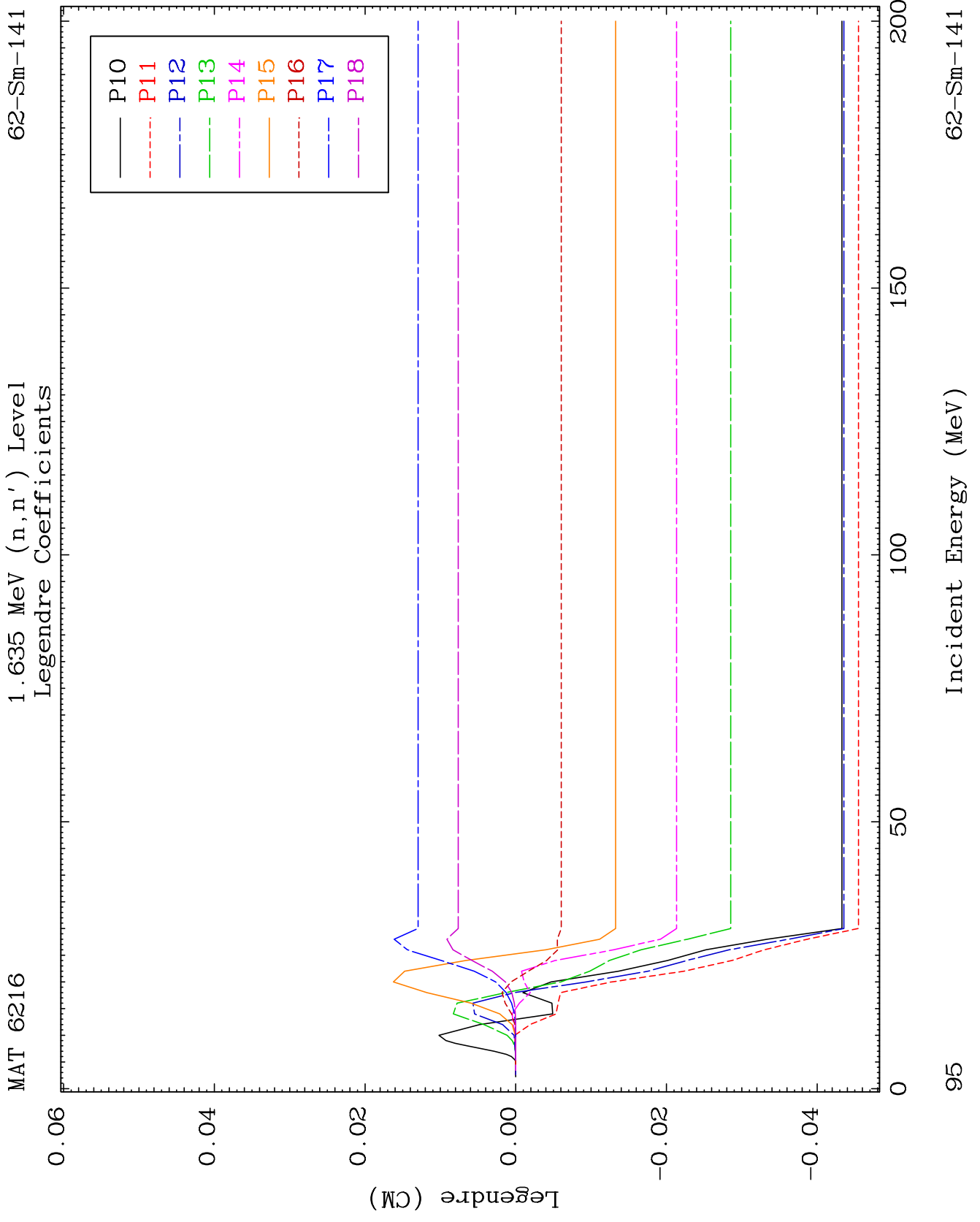


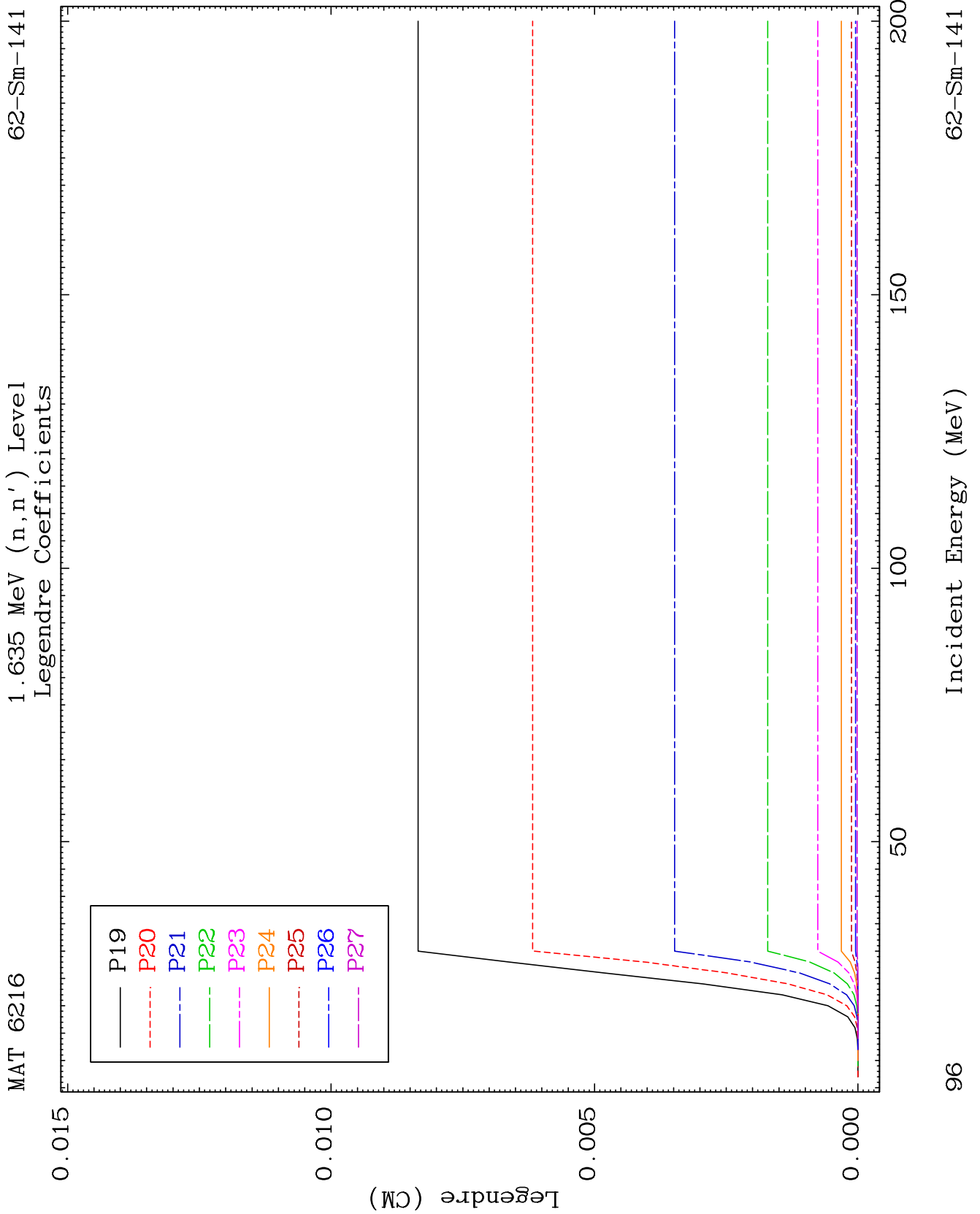
92

62-Sm-141





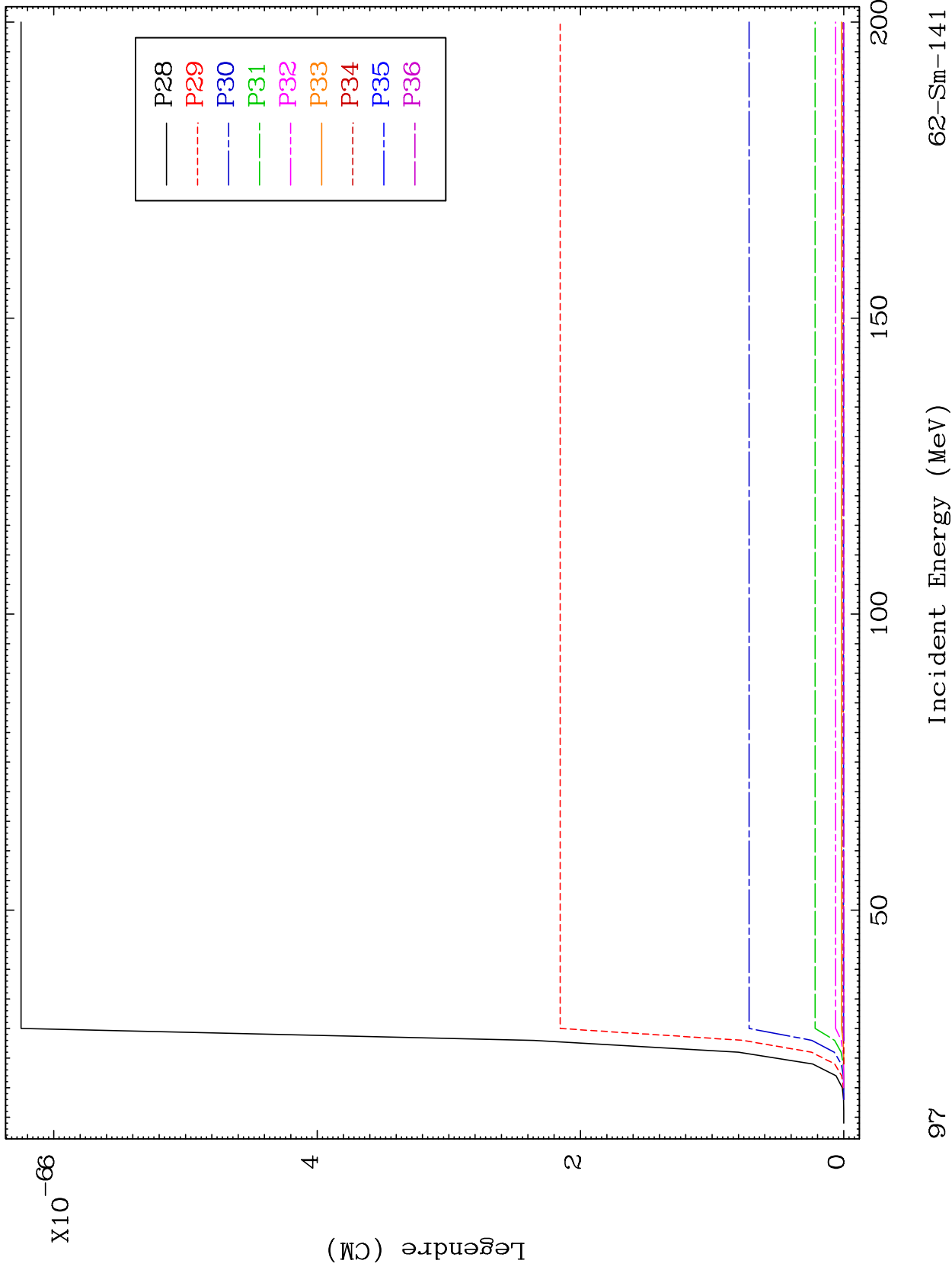




MAT 6216

1.635 MeV (n,n') Level
Legendre Coefficients

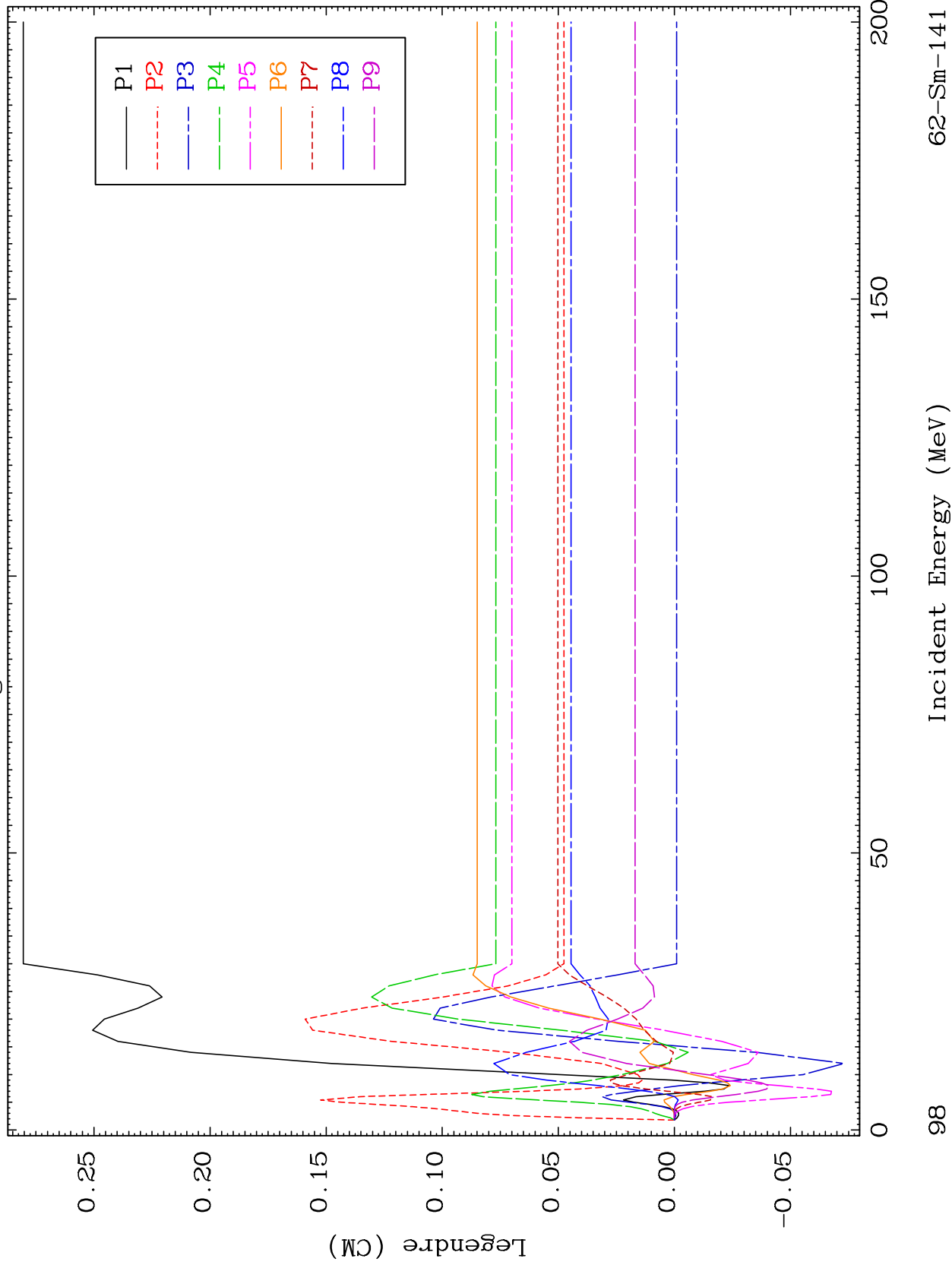
62-Sm-141



MAT 6216

1.767 MeV (n,n') Level
Legendre Coefficients

62-Sm-141



62-Sm-141

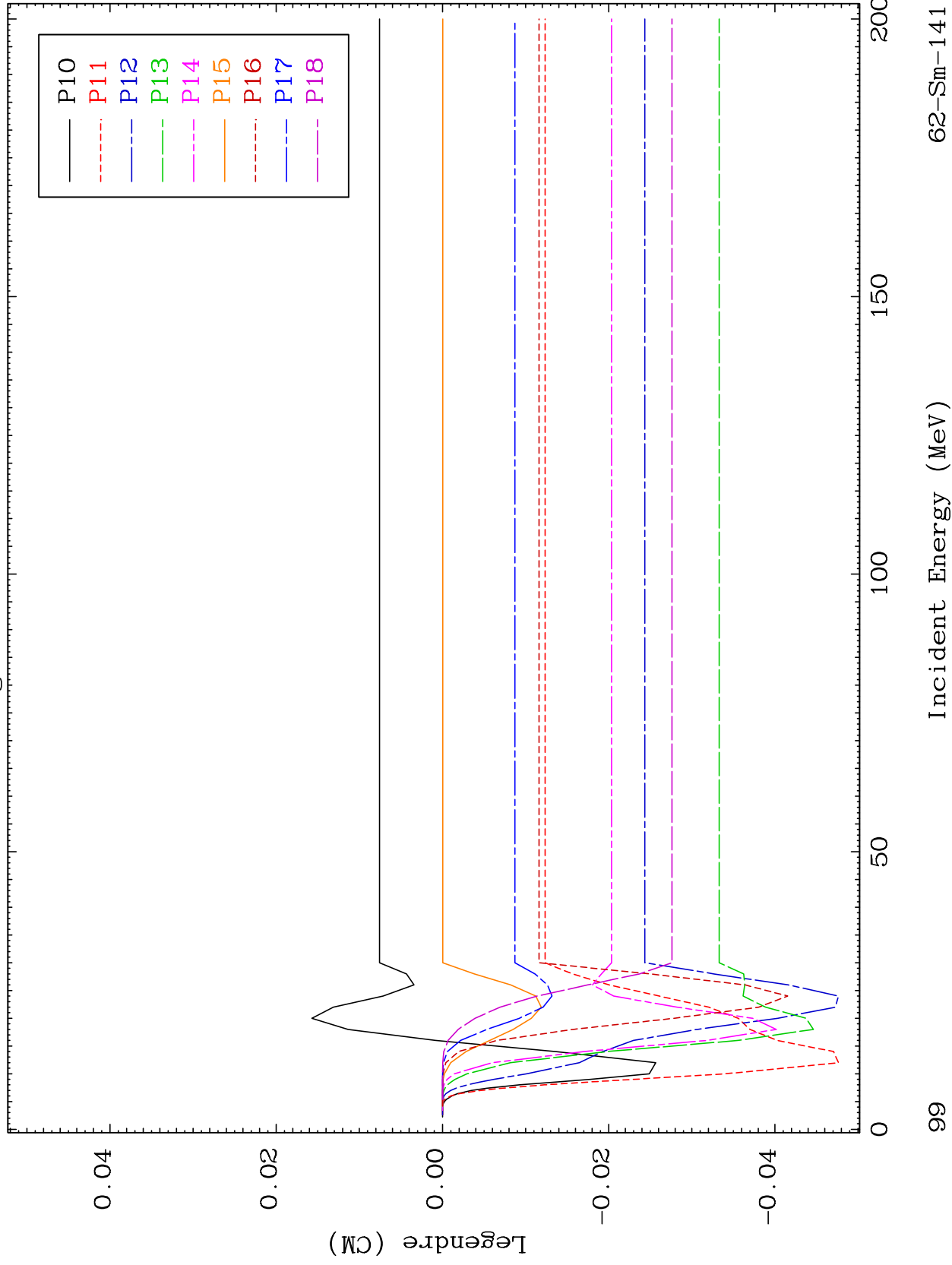
Incident Energy (MeV)

98

MAT 6216

1.767 MeV (n,n') Level
Legendre Coefficients

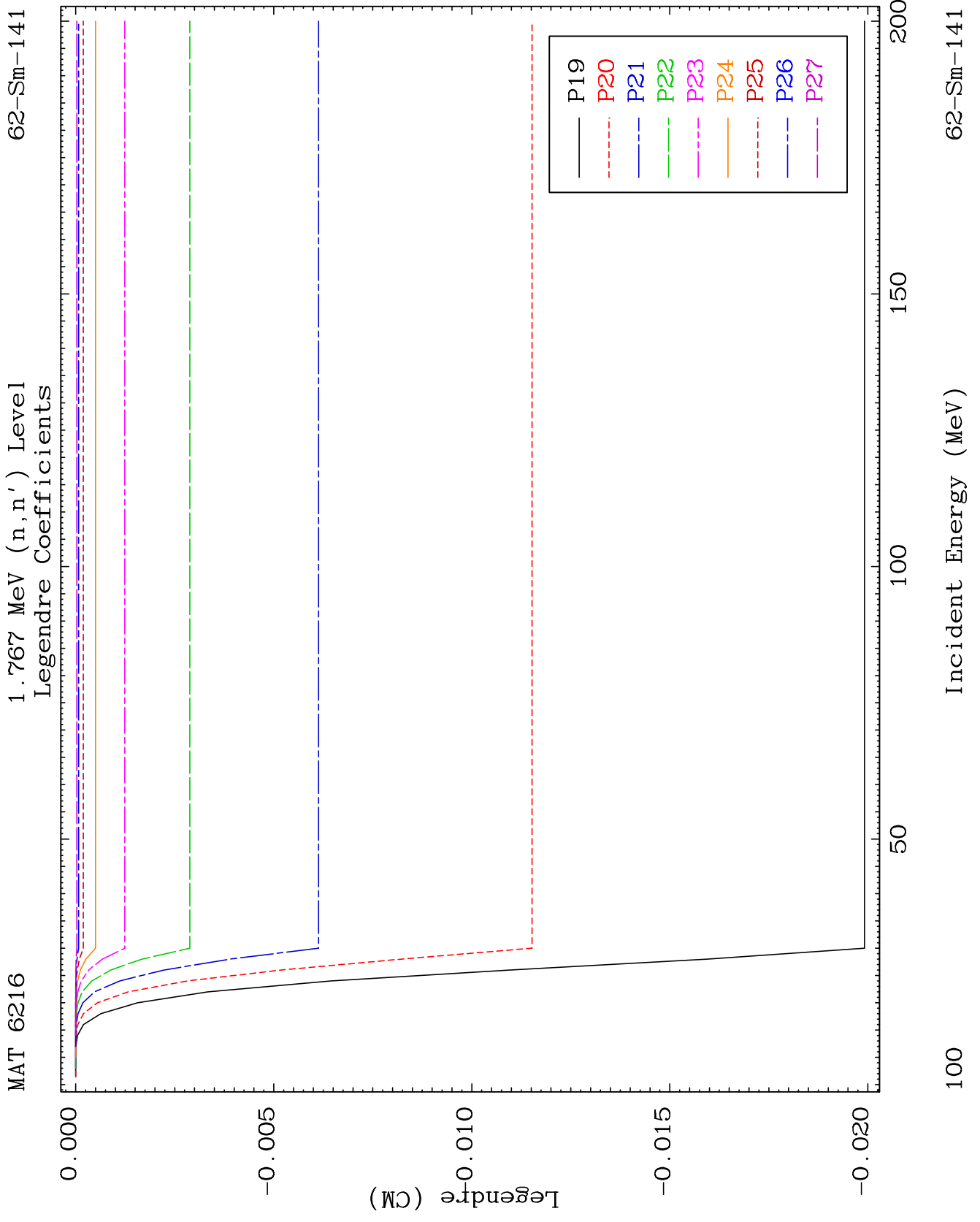
62-Sm-141

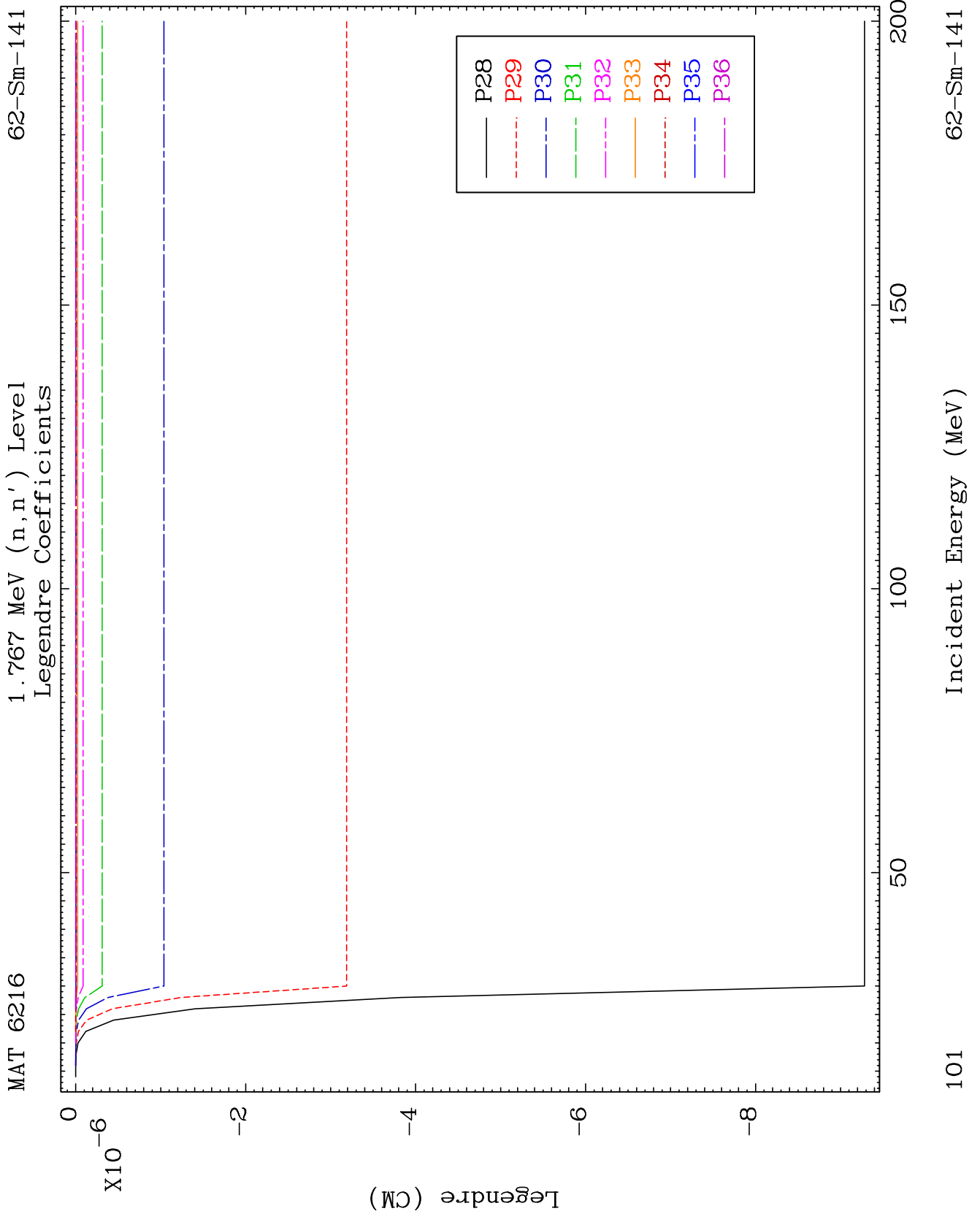


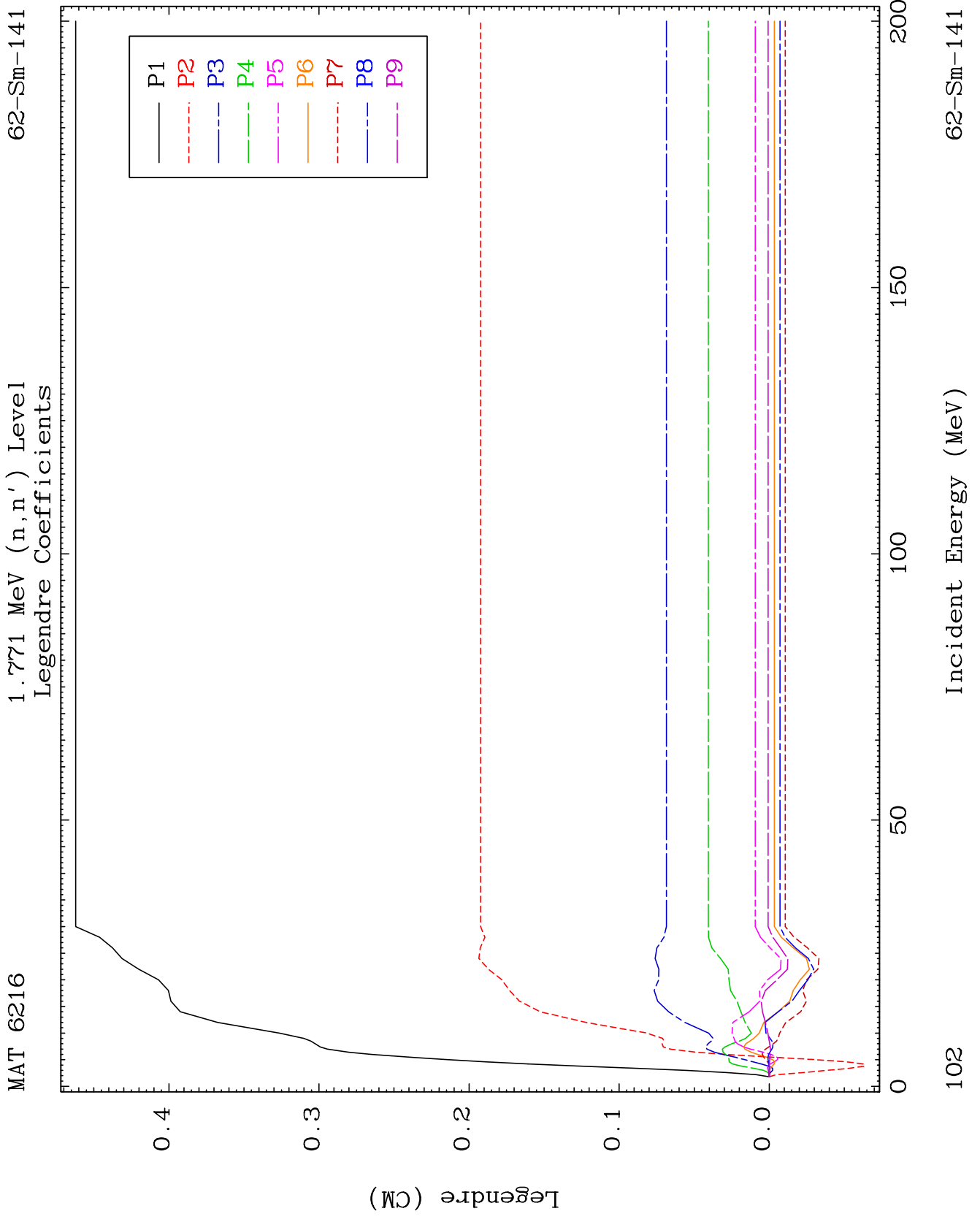
99

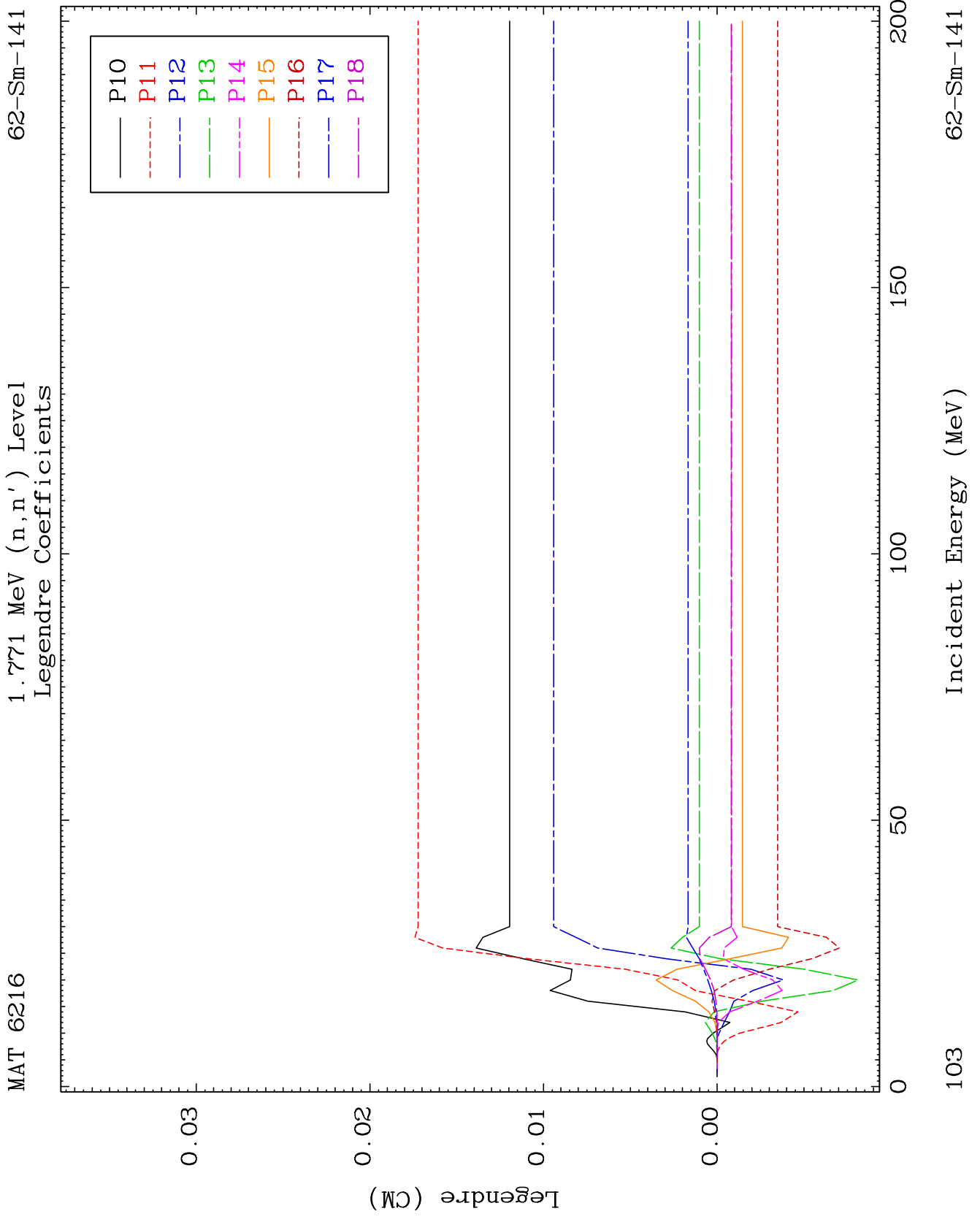
Incident Energy (MeV)

62-Sm-141





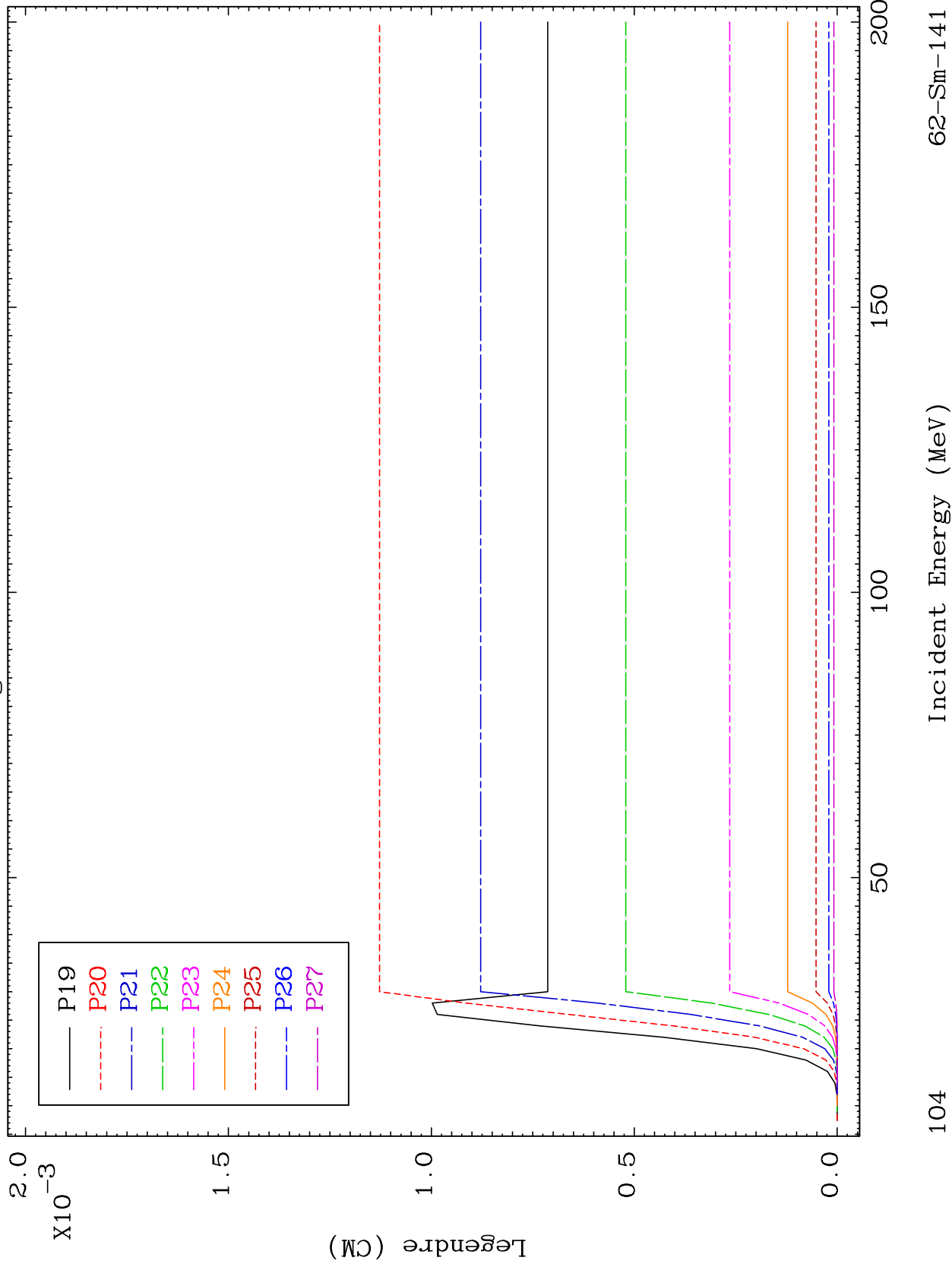




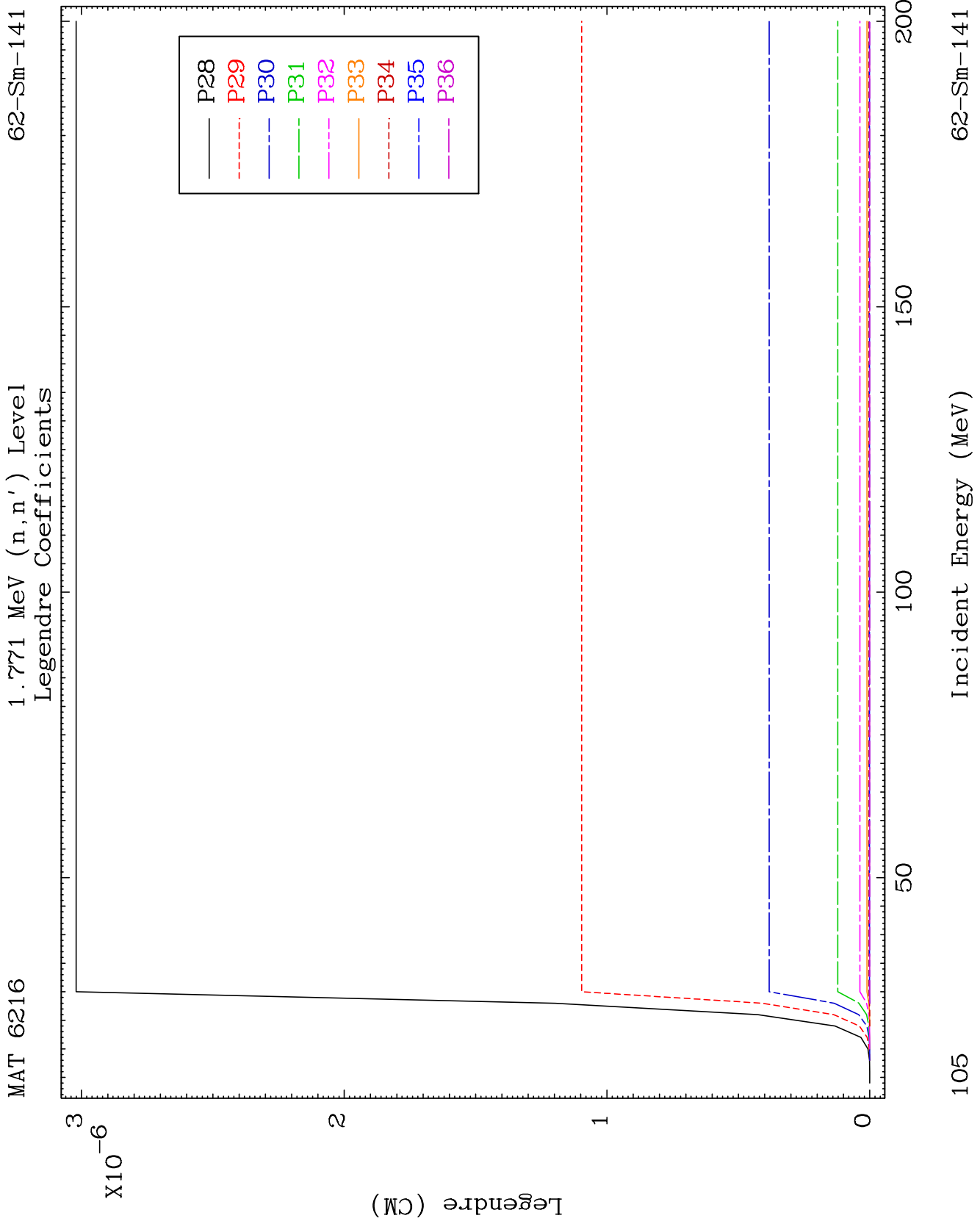
MAT 6216

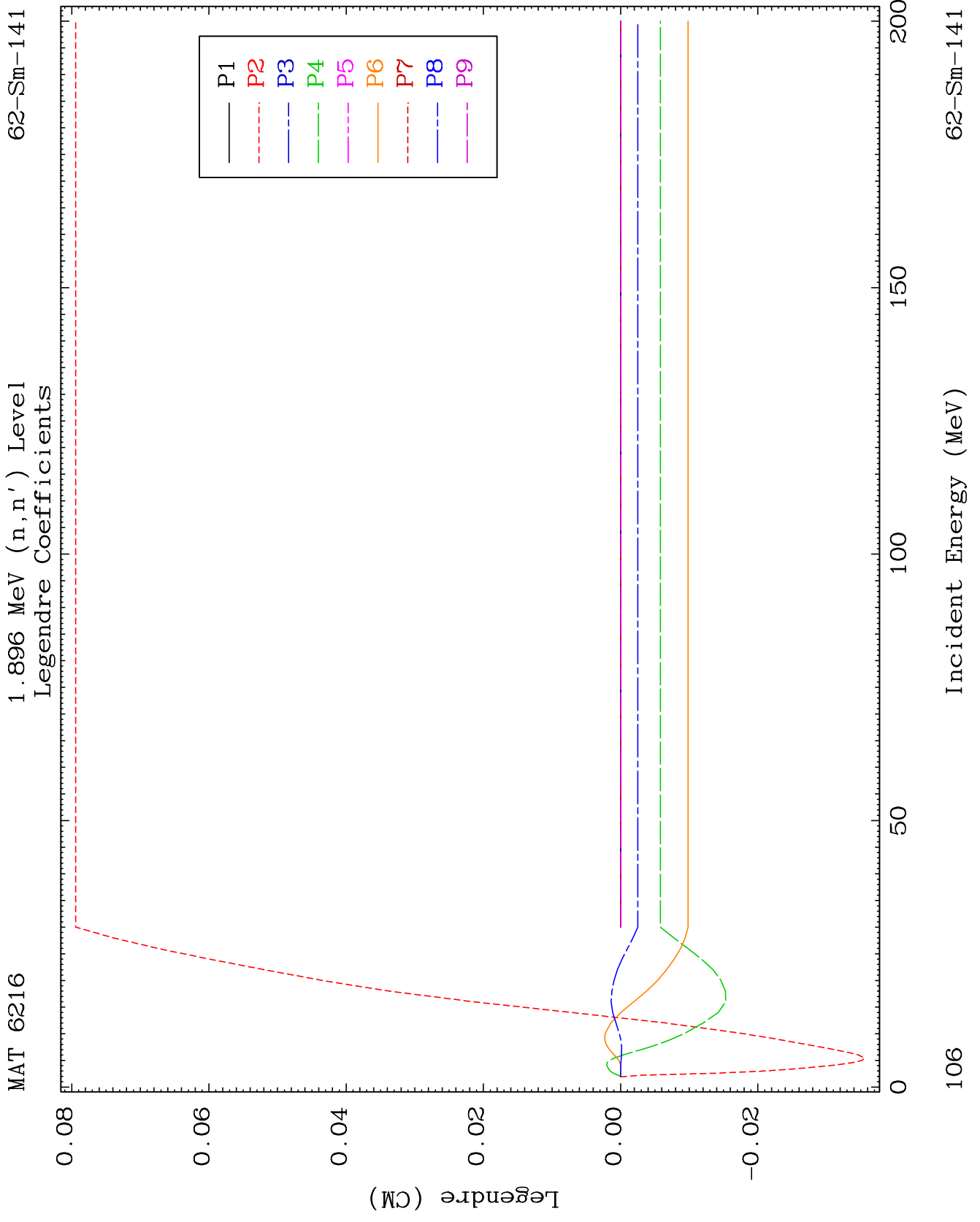
1.771 MeV (n,n') Level
Legendre Coefficients

62-Sm-141



104

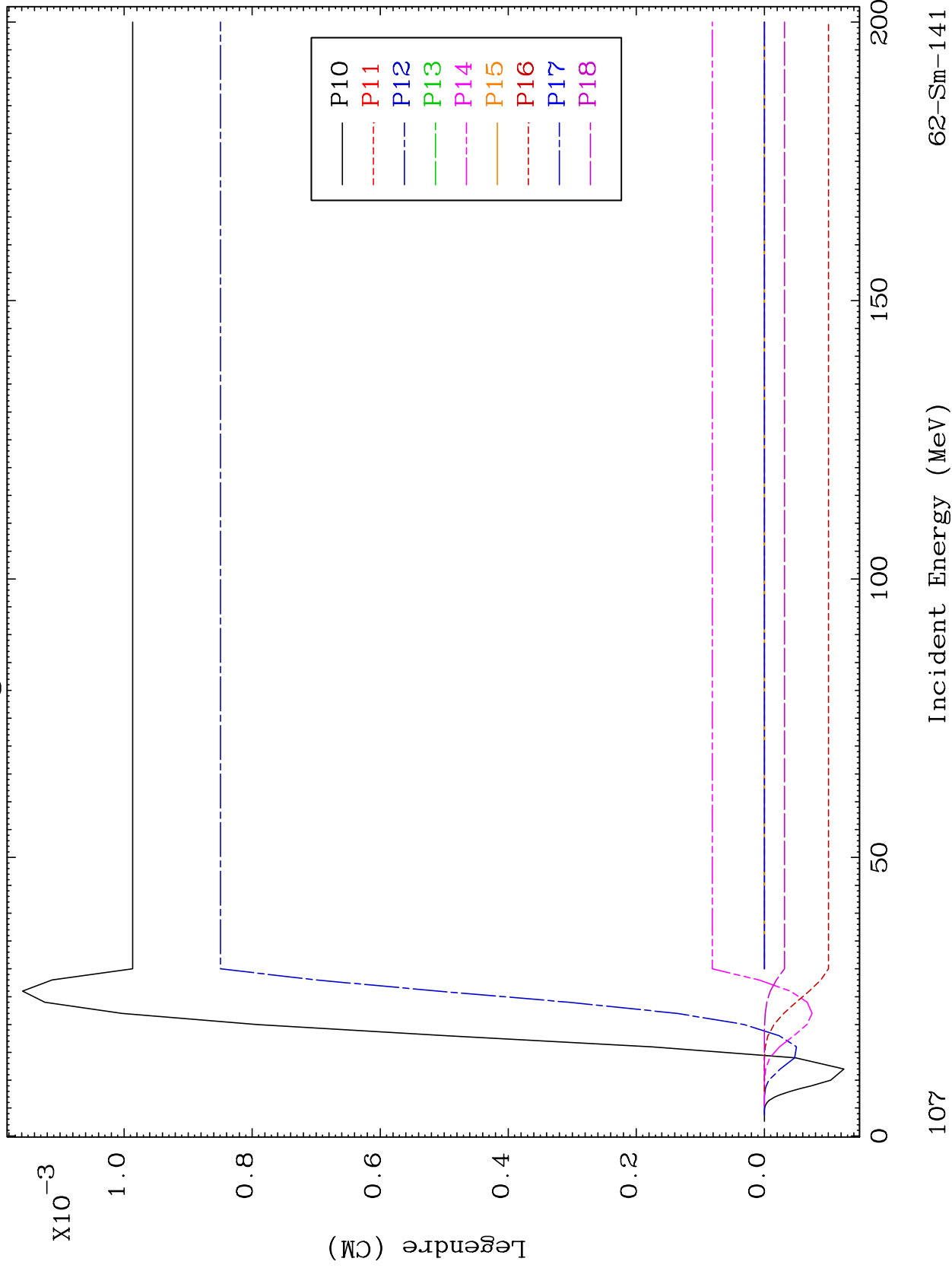




MAT 6216

1.896 MeV (n,n') Level
Legendre Coefficients

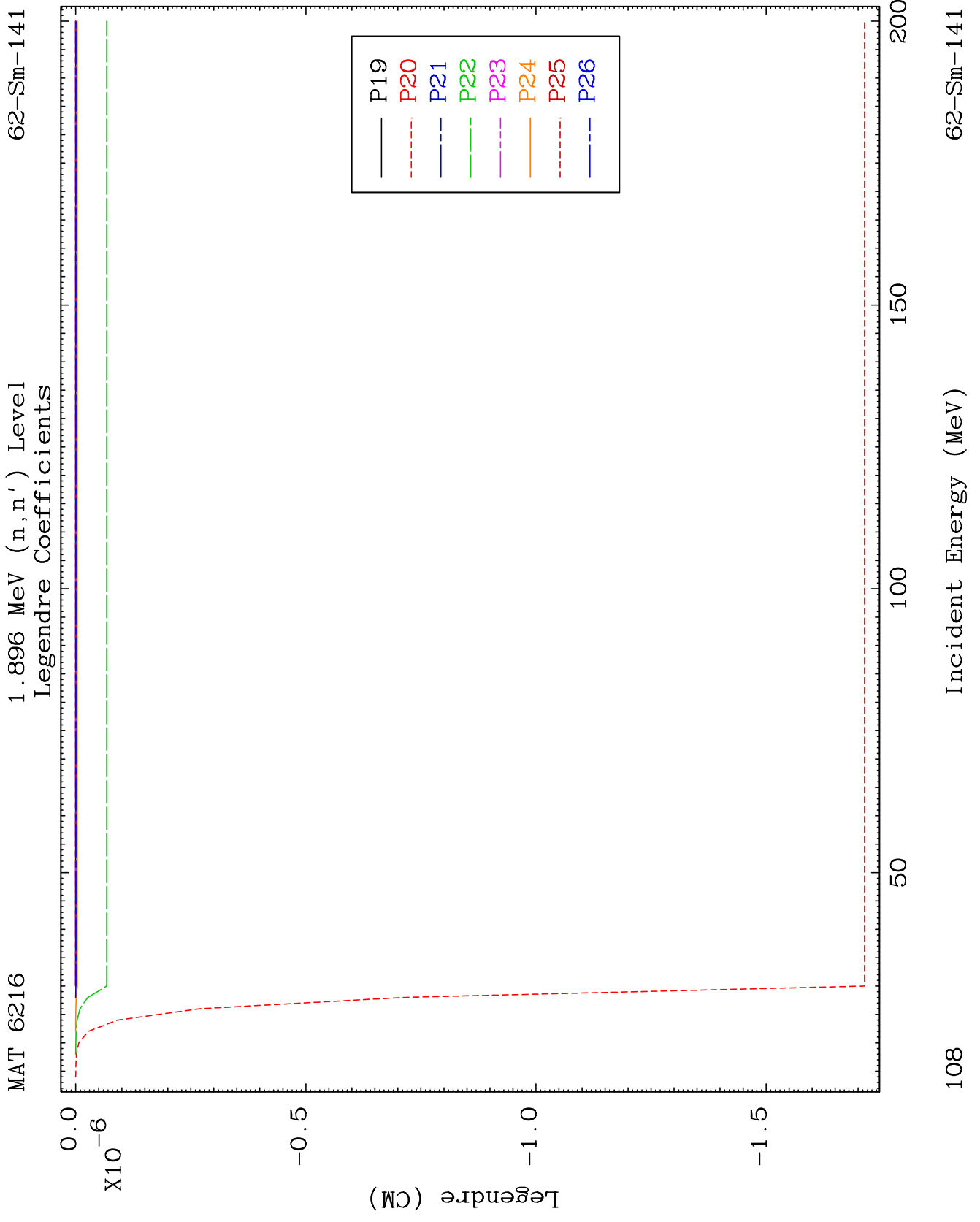
62-Sm-141



107

Incident Energy (MeV)

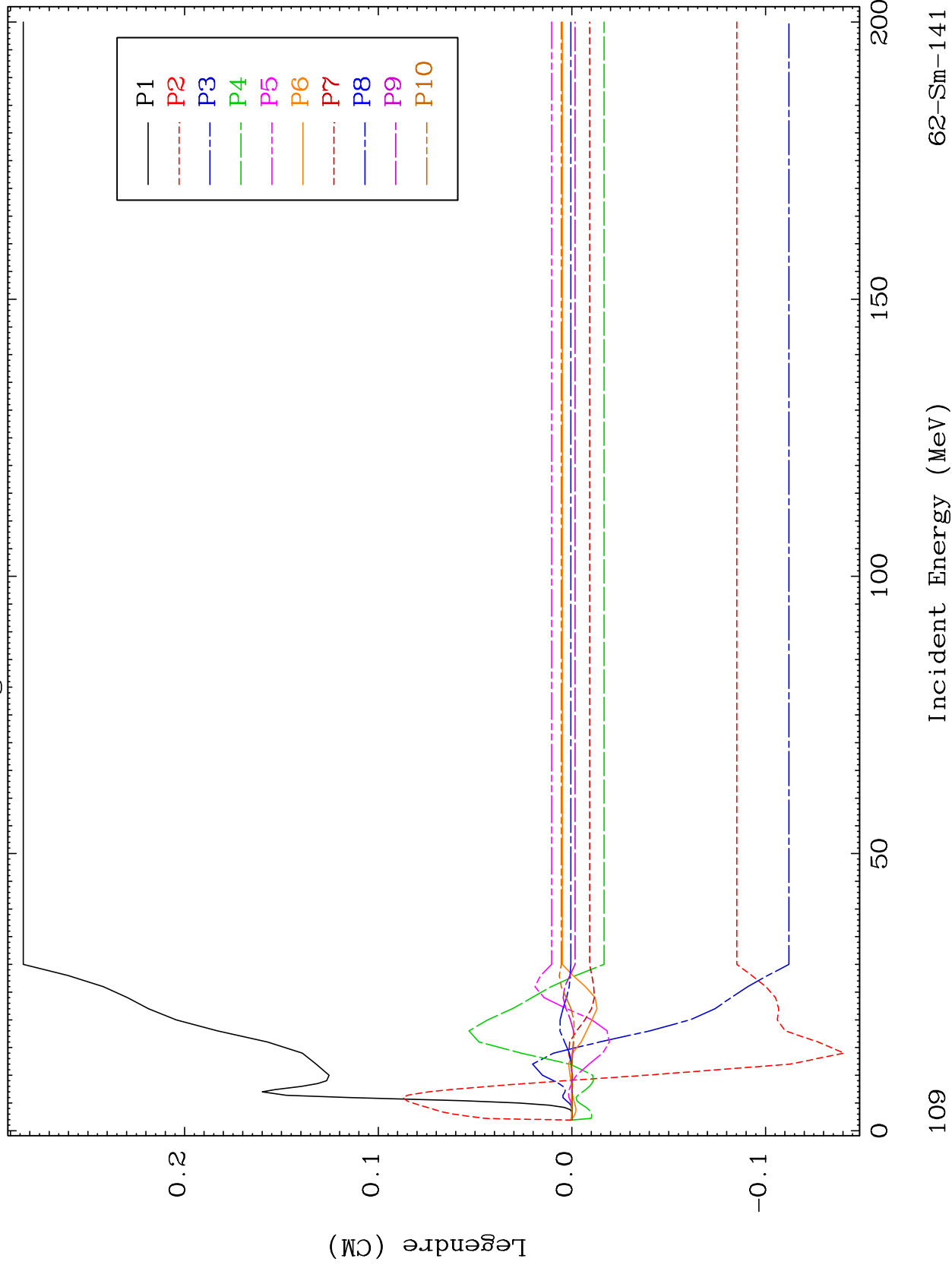
62-Sm-141



MAT 6216

1.900 MeV (n,n') Level
Legendre Coefficients

62-Sm-141



62-Sm-141

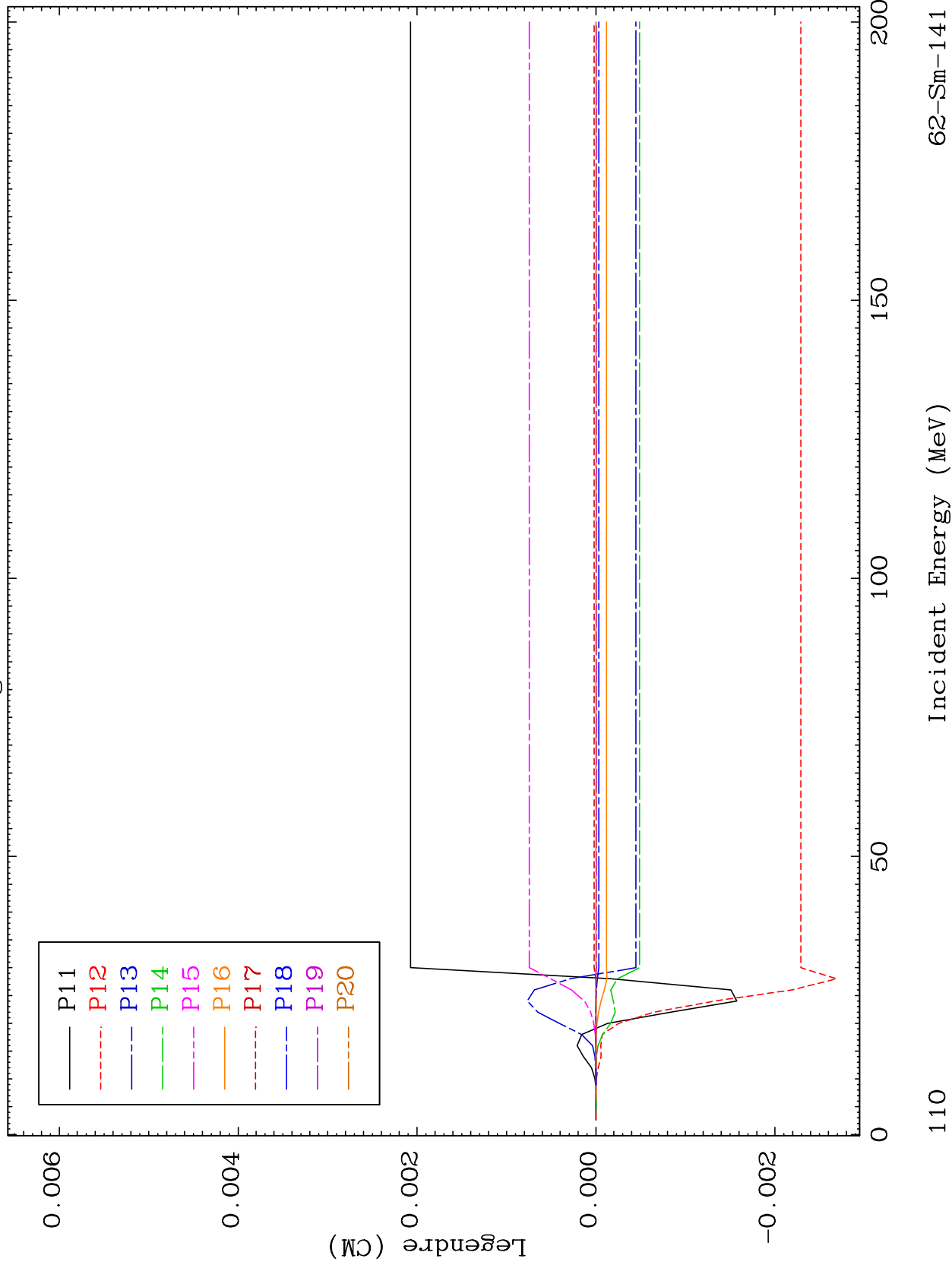
Incident Energy (MeV)

109

MAT 6216

1.900 MeV (n,n') Level
Legendre Coefficients

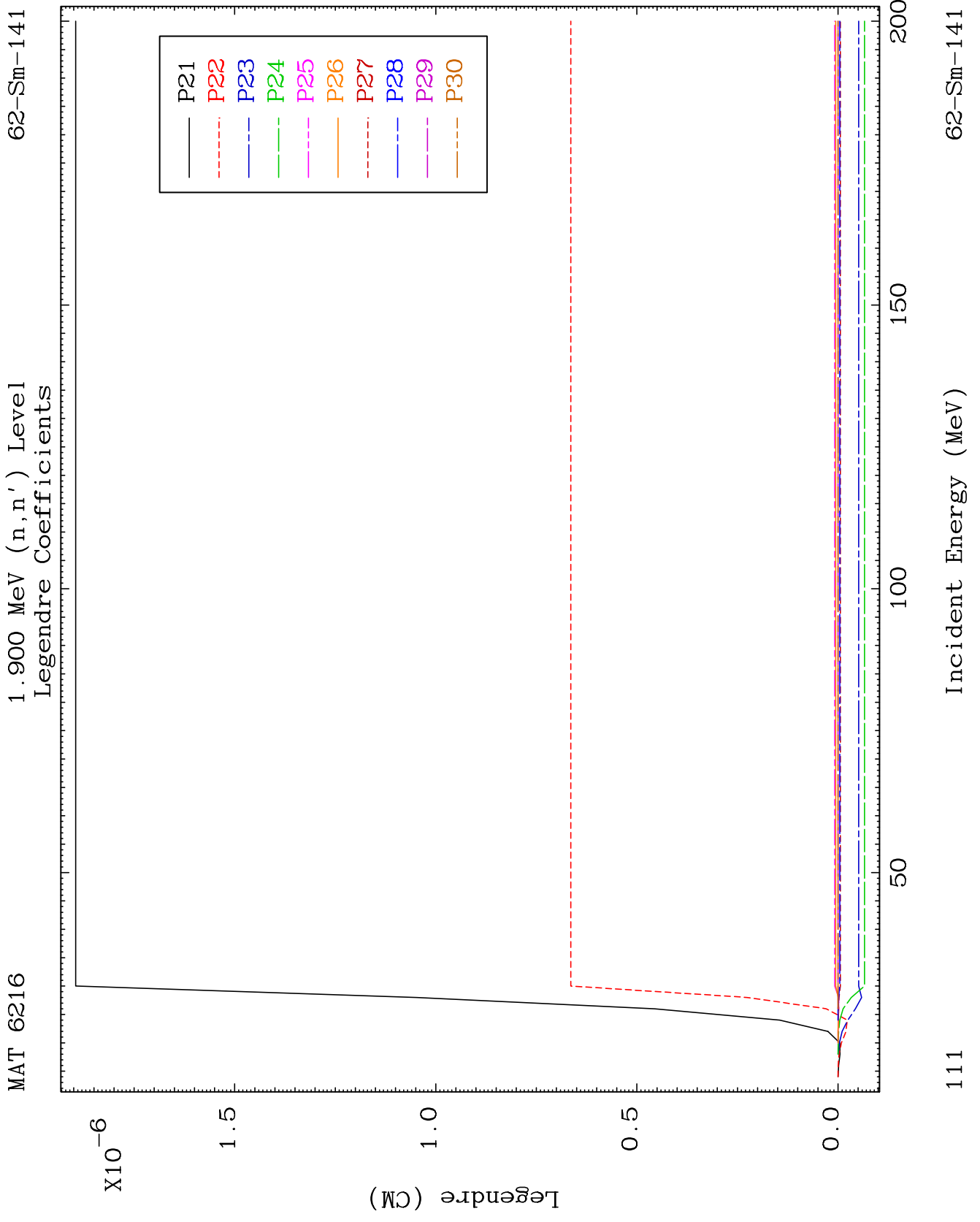
62-Sm-141



62-Sm-141

Incident Energy (MeV)

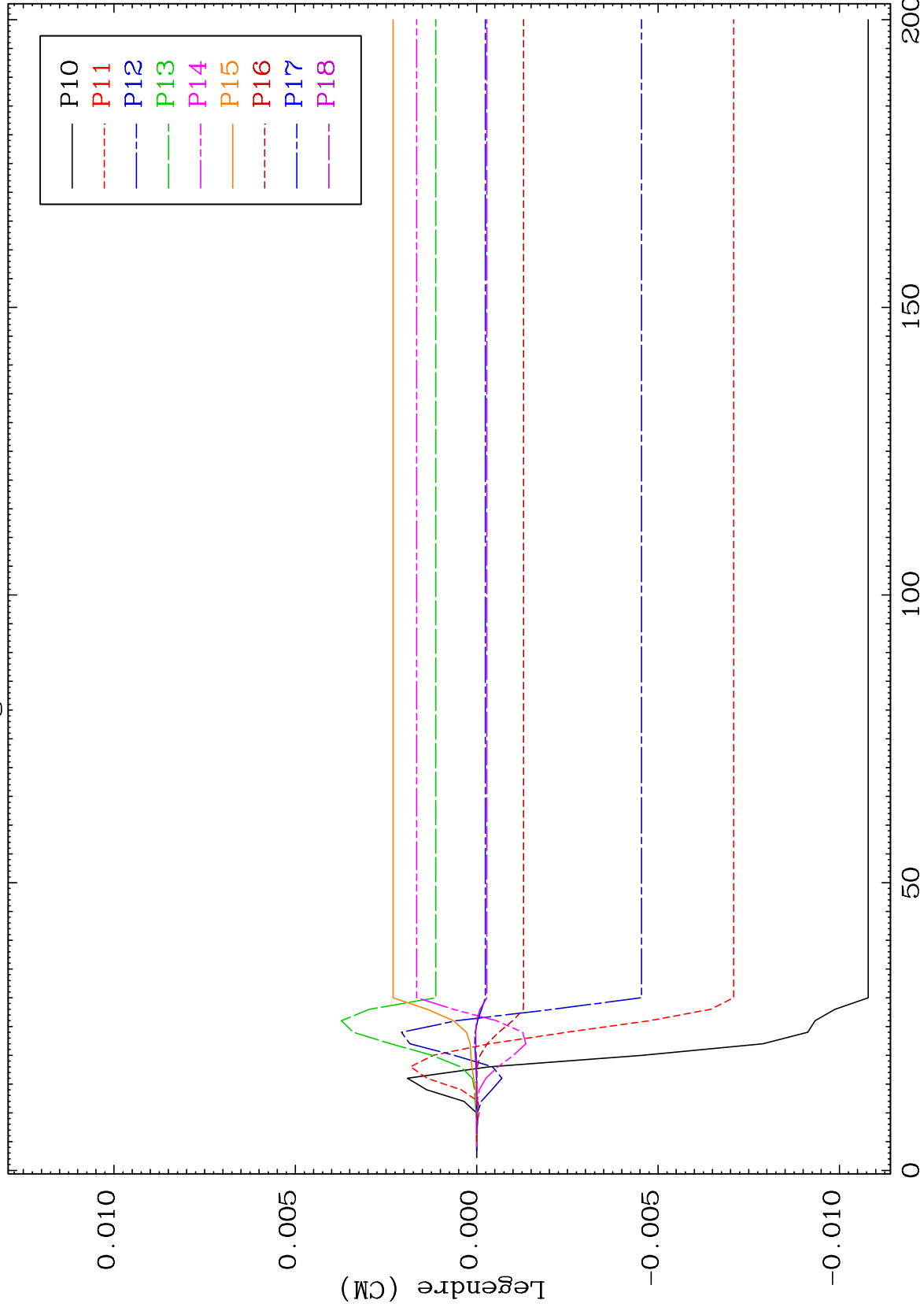
110



MAT 6216

1.912 MeV (n,n') Level
Legendre Coefficients

62-Sm-141



113

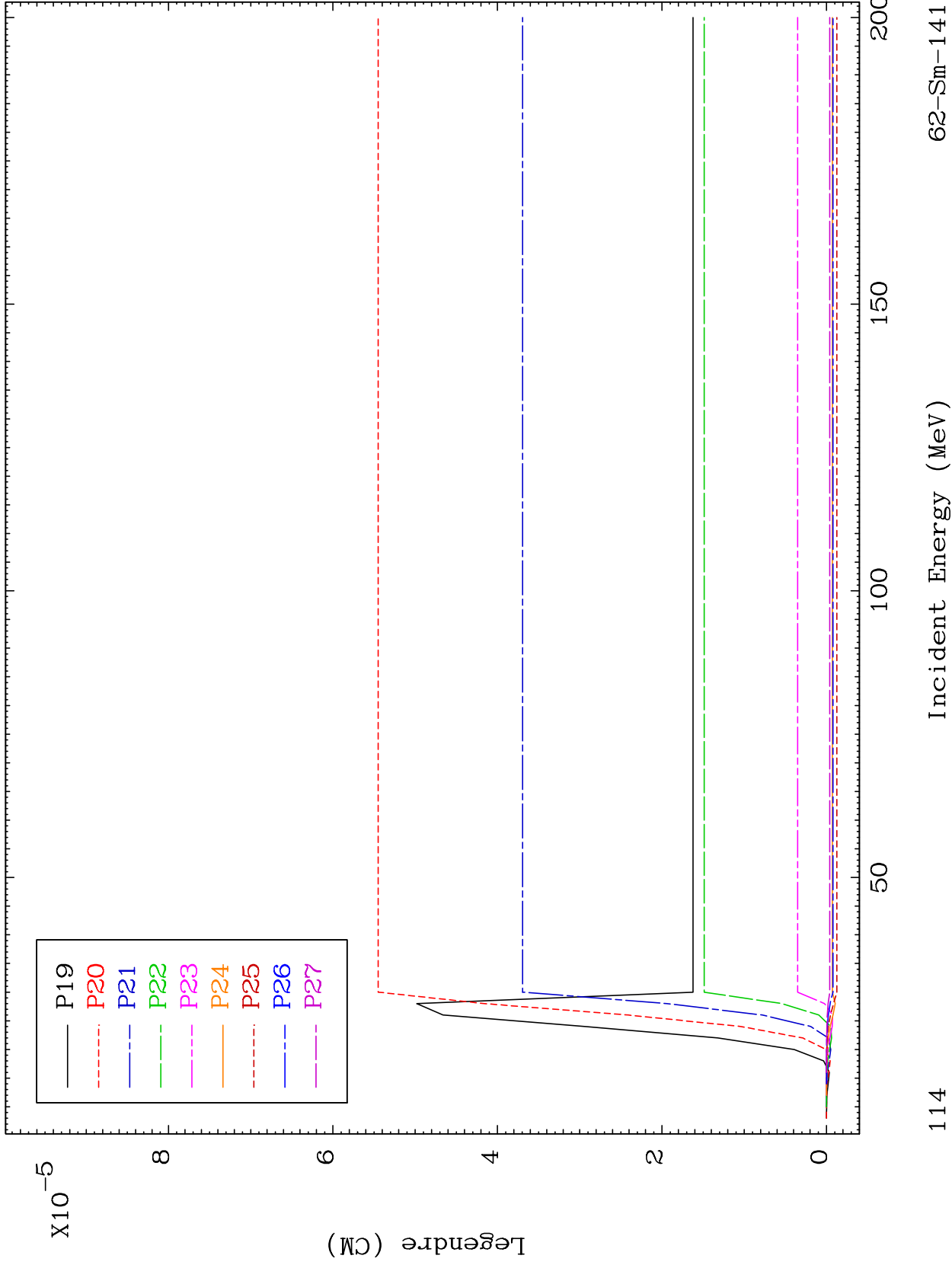
Incident Energy (MeV)

62-Sm-141

MAT 6216

1.912 MeV (n,n') Level Legendre Coefficients

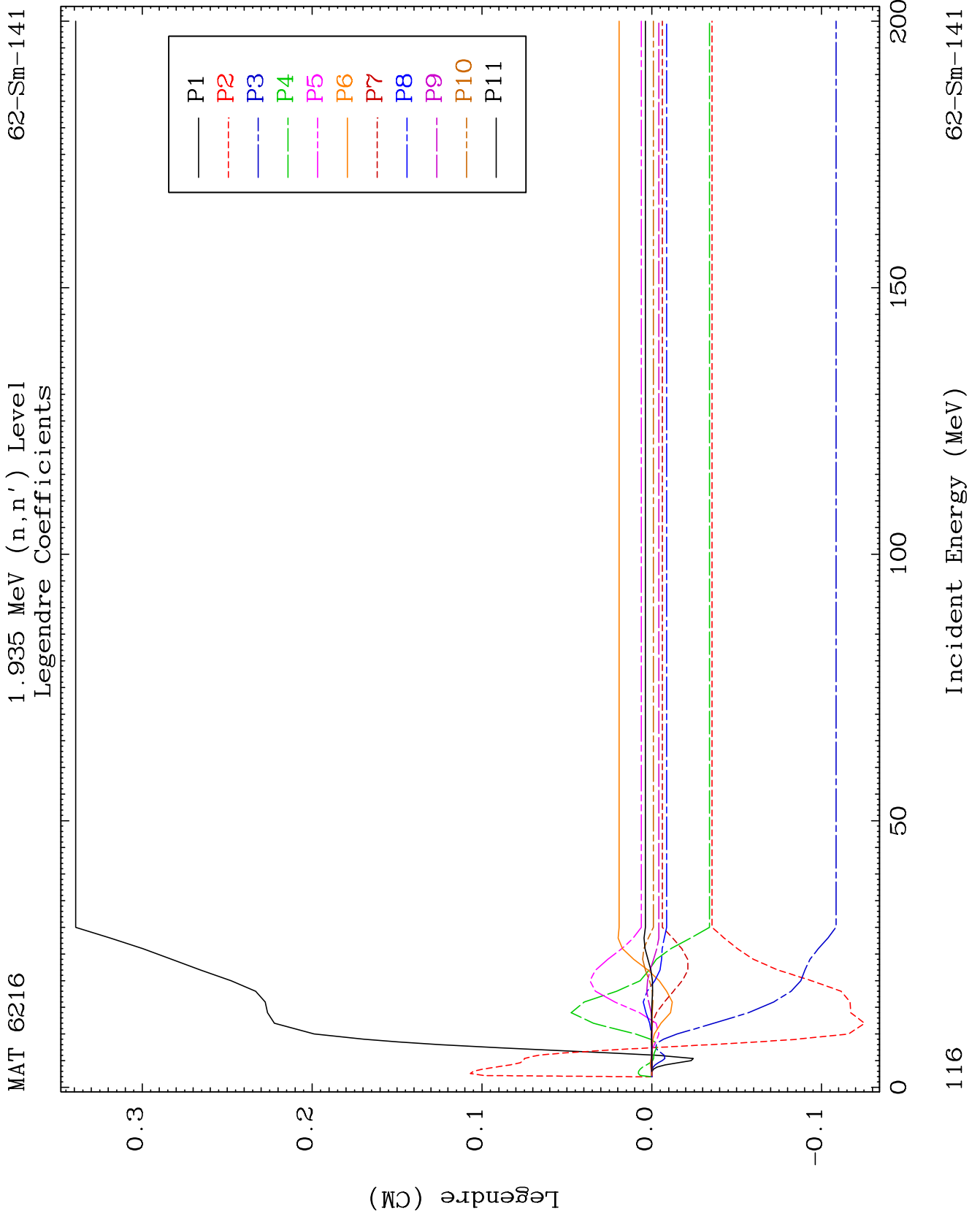
62-Sm-141

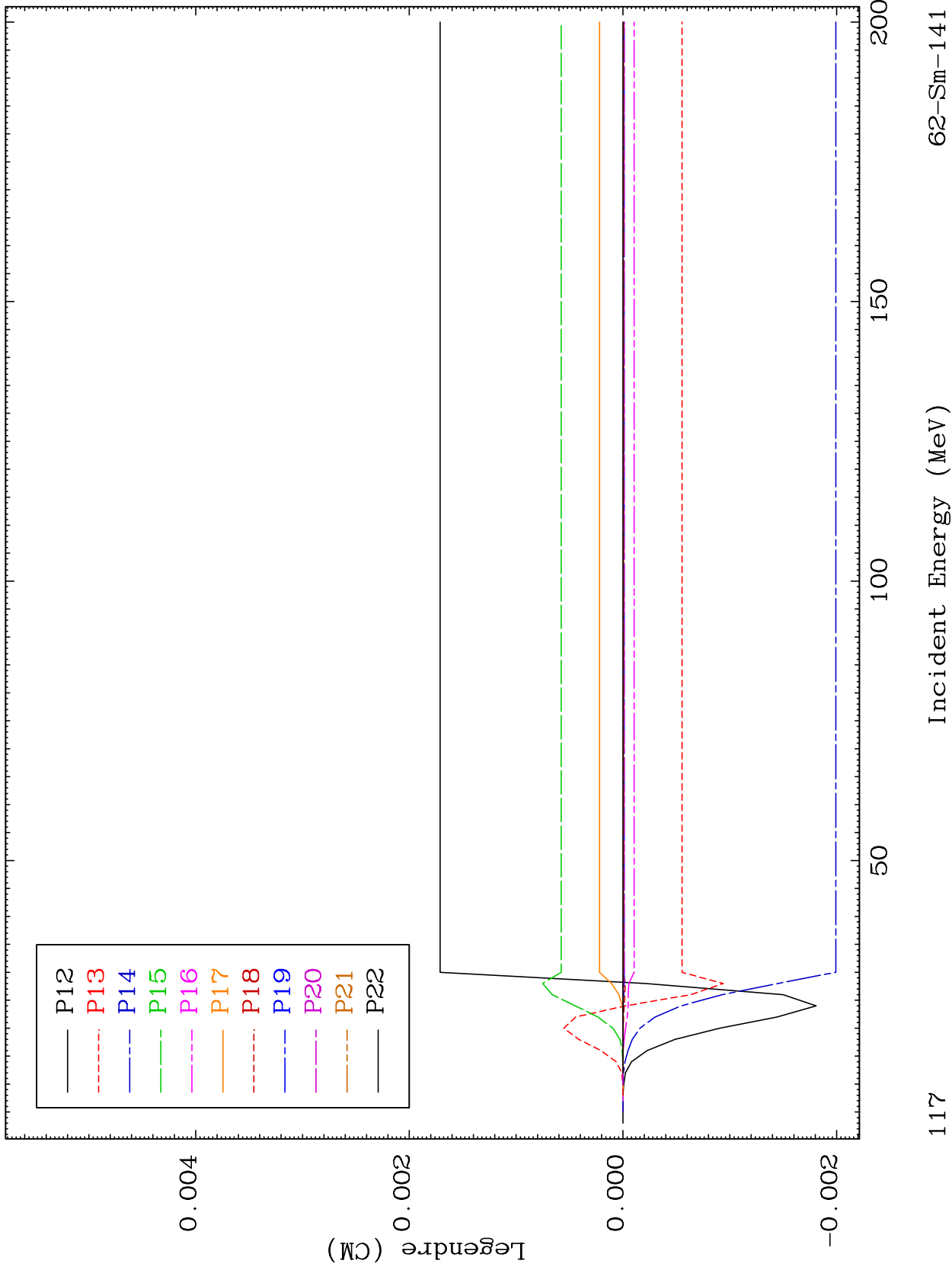


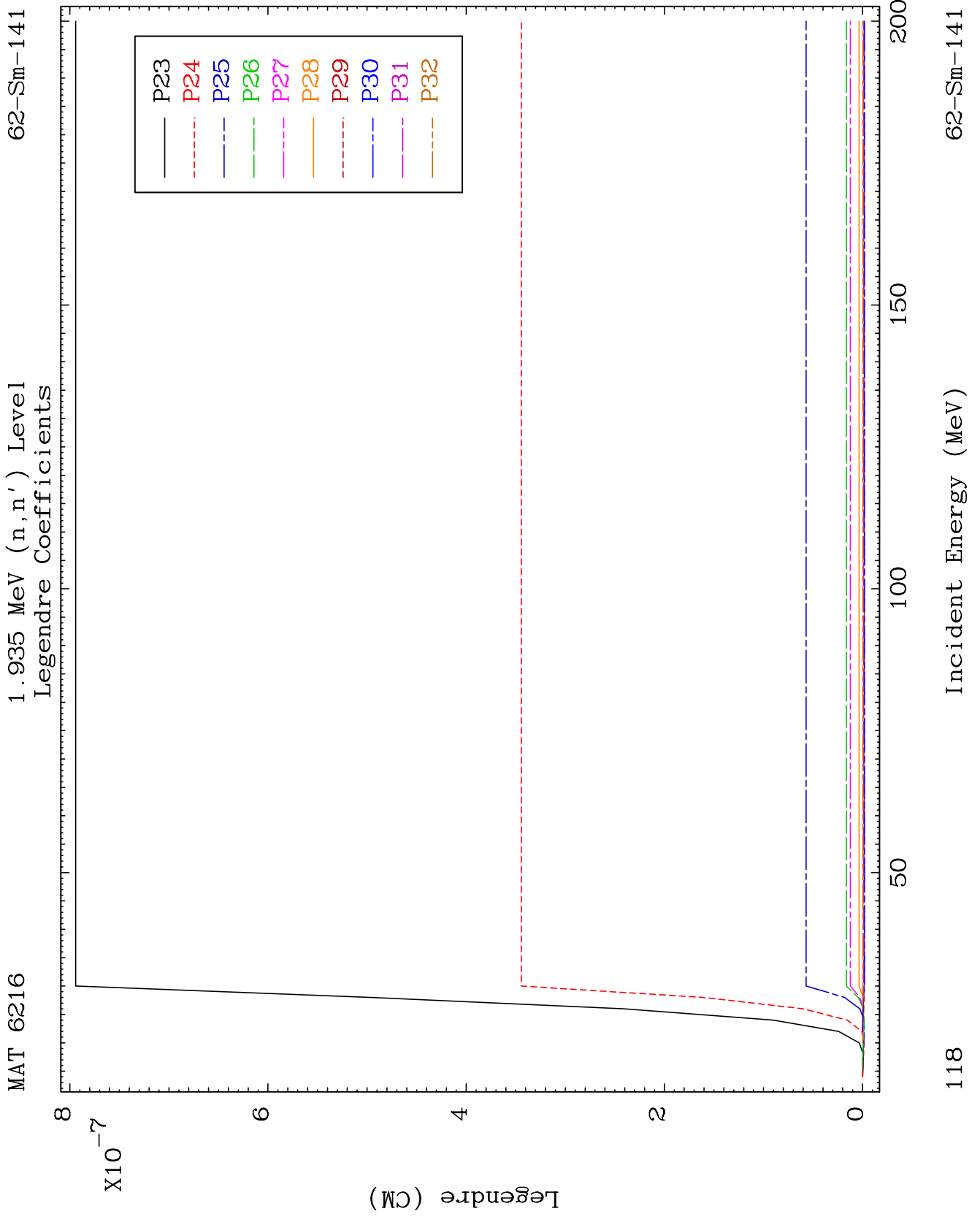
114

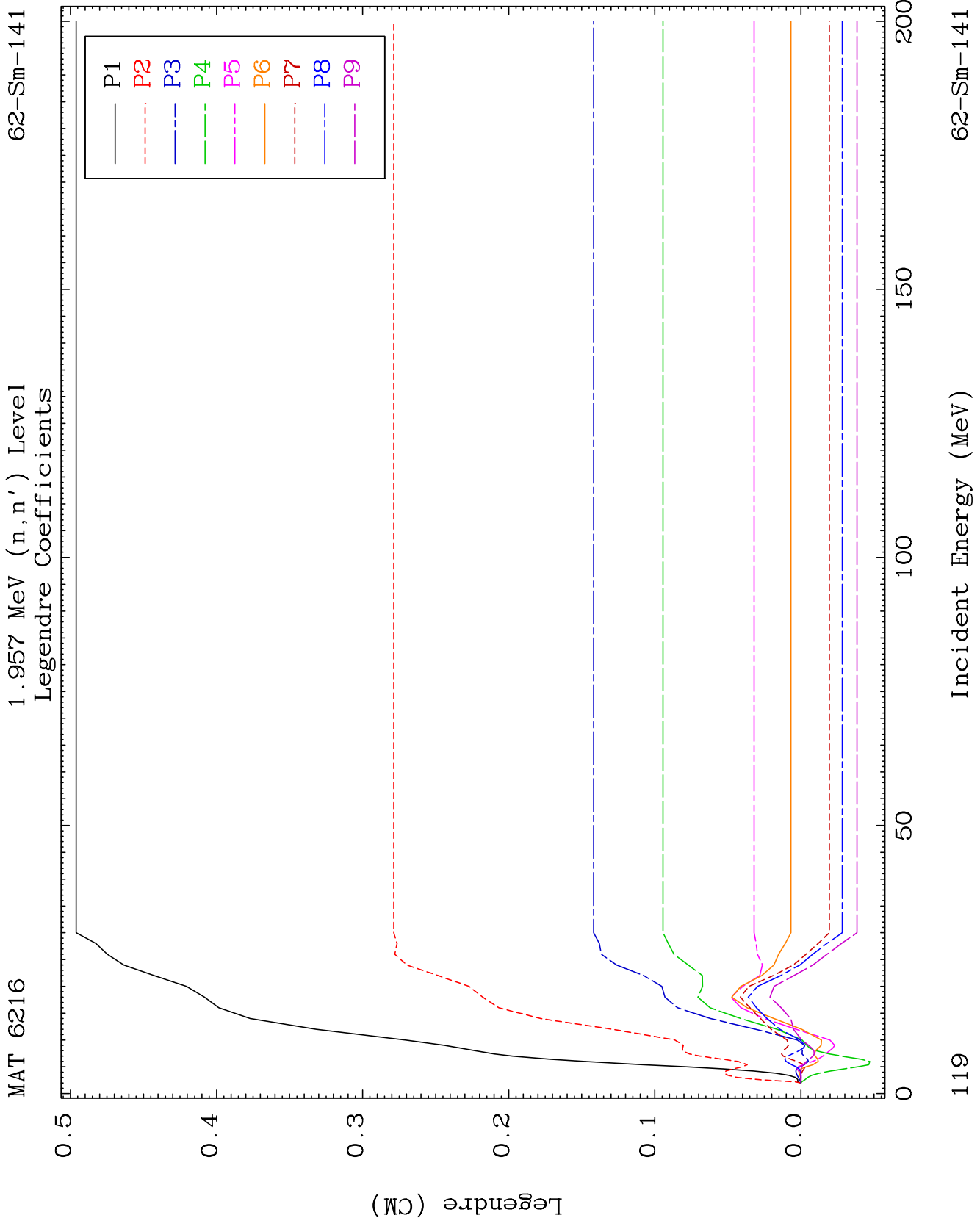
Incident Energy (MeV)

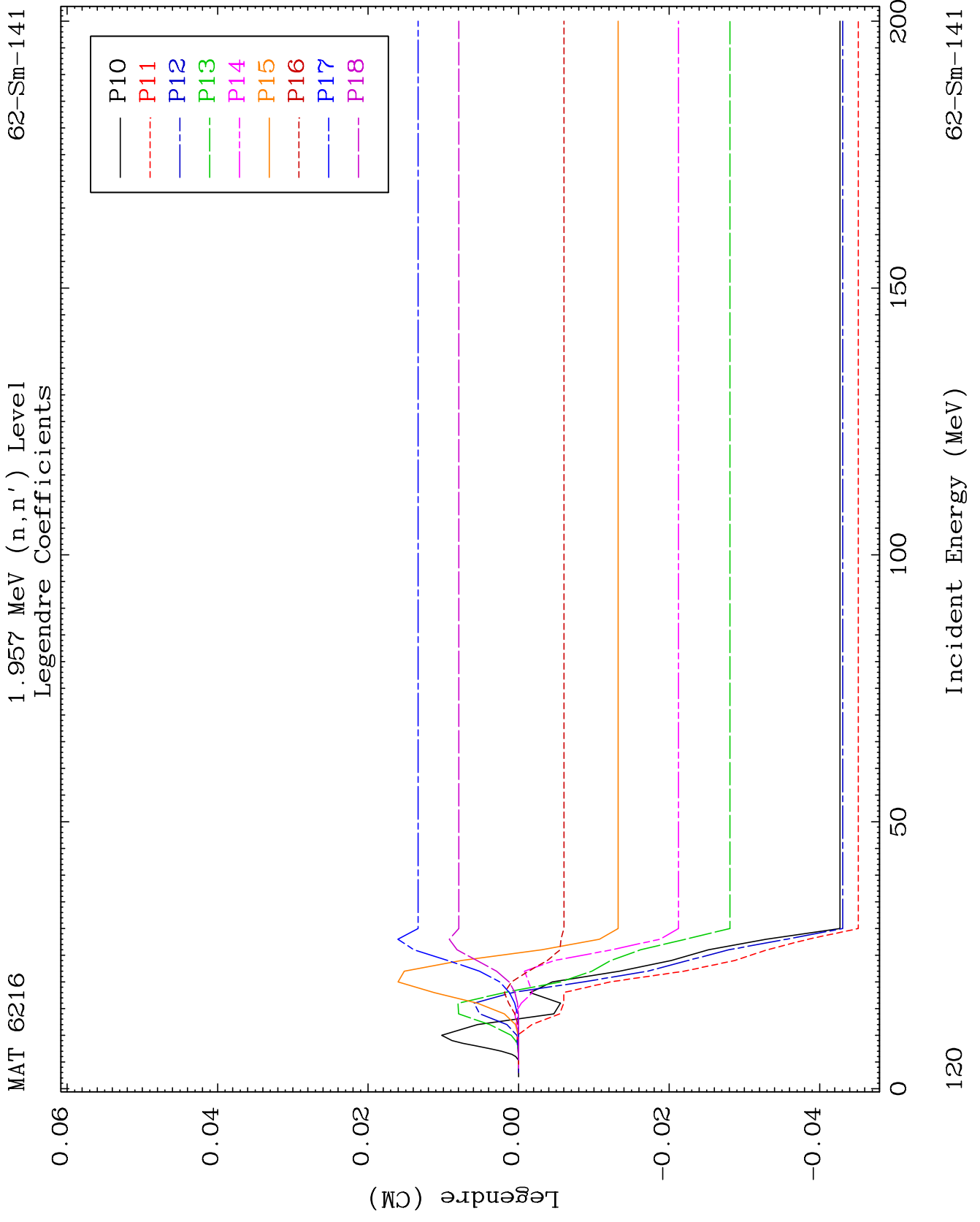
62-Sm-141







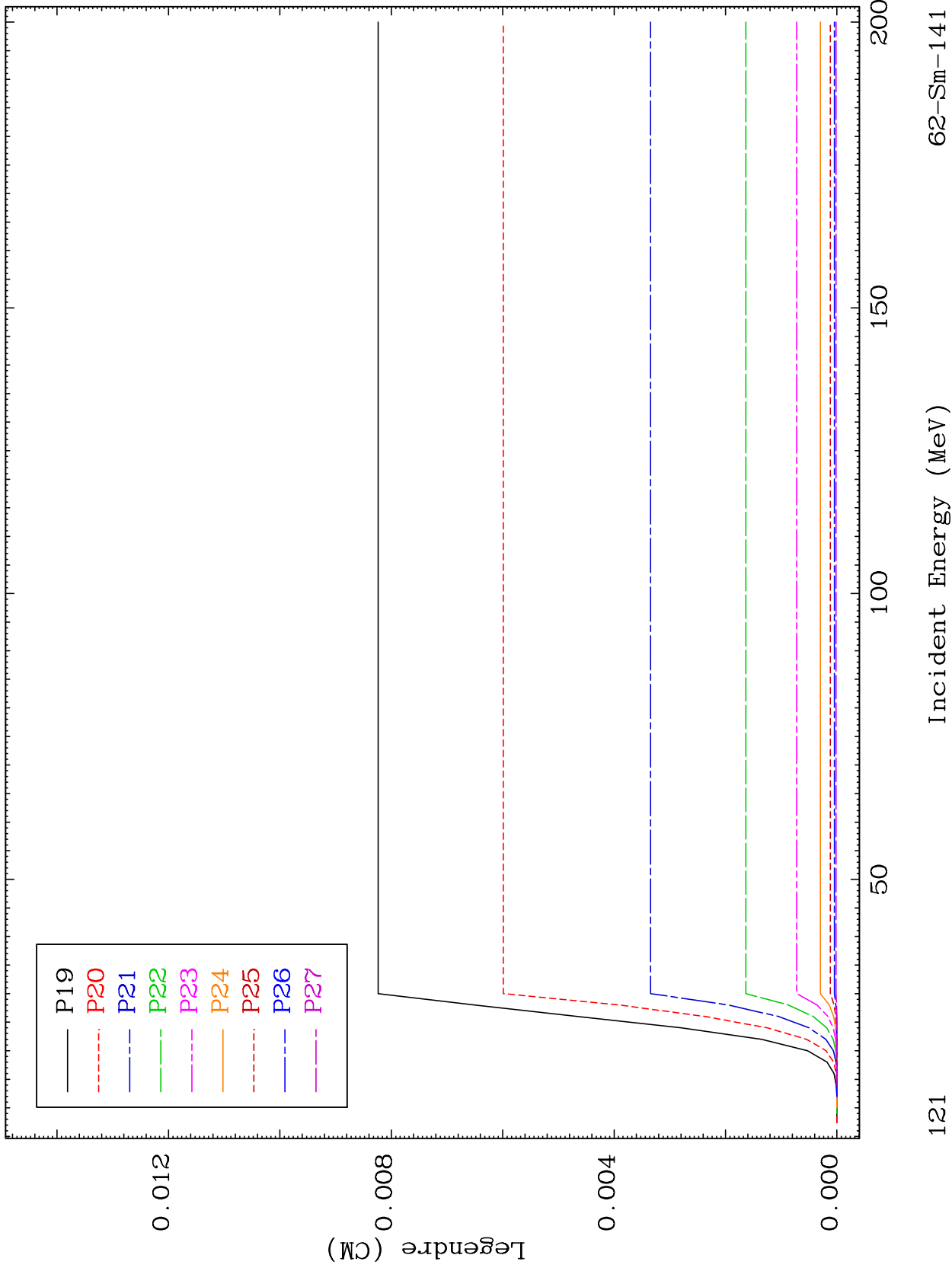




MAT 6216

1.957 MeV (n,n') Level
Legendre Coefficients

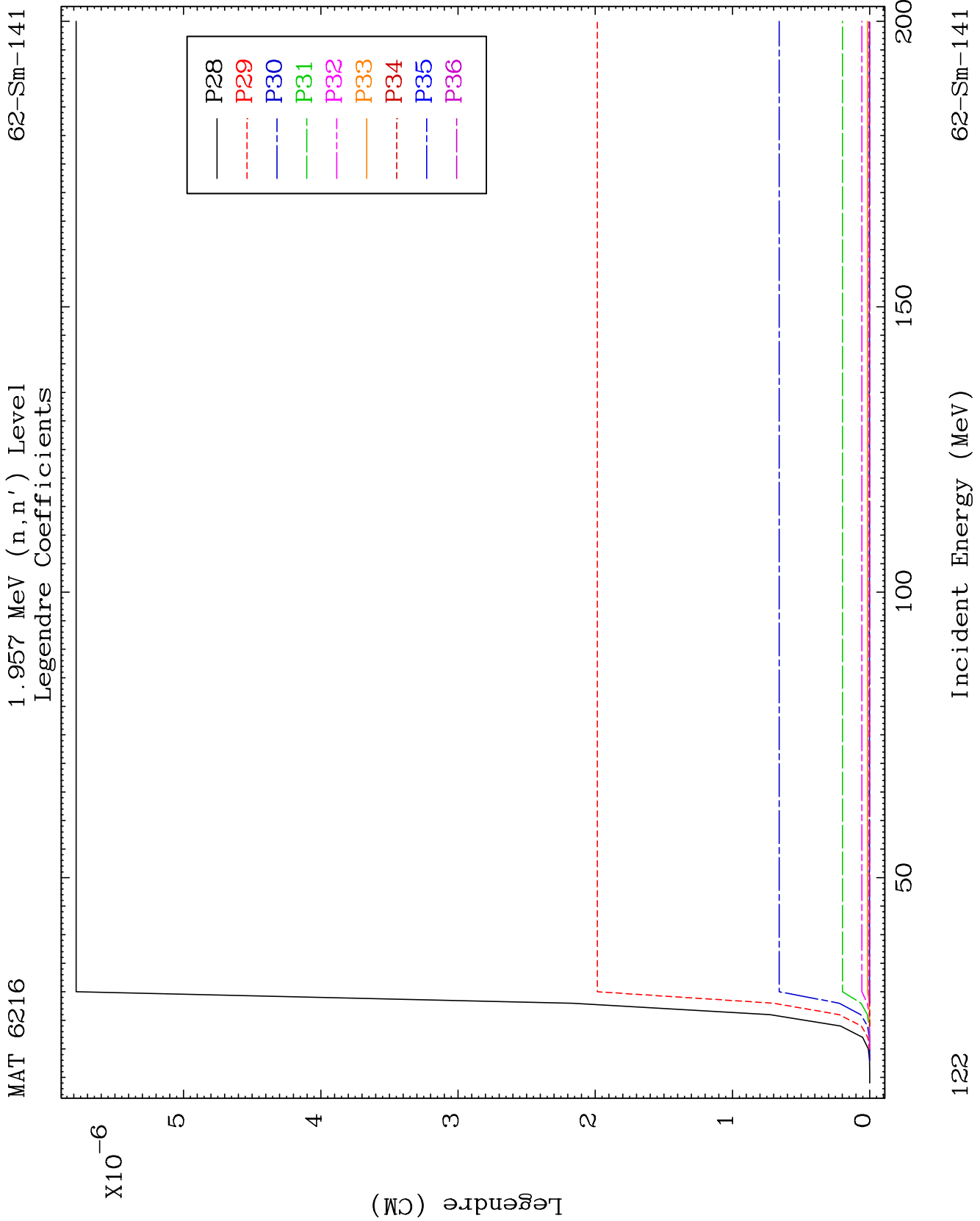
62-Sm-141



121

Incident Energy (MeV)

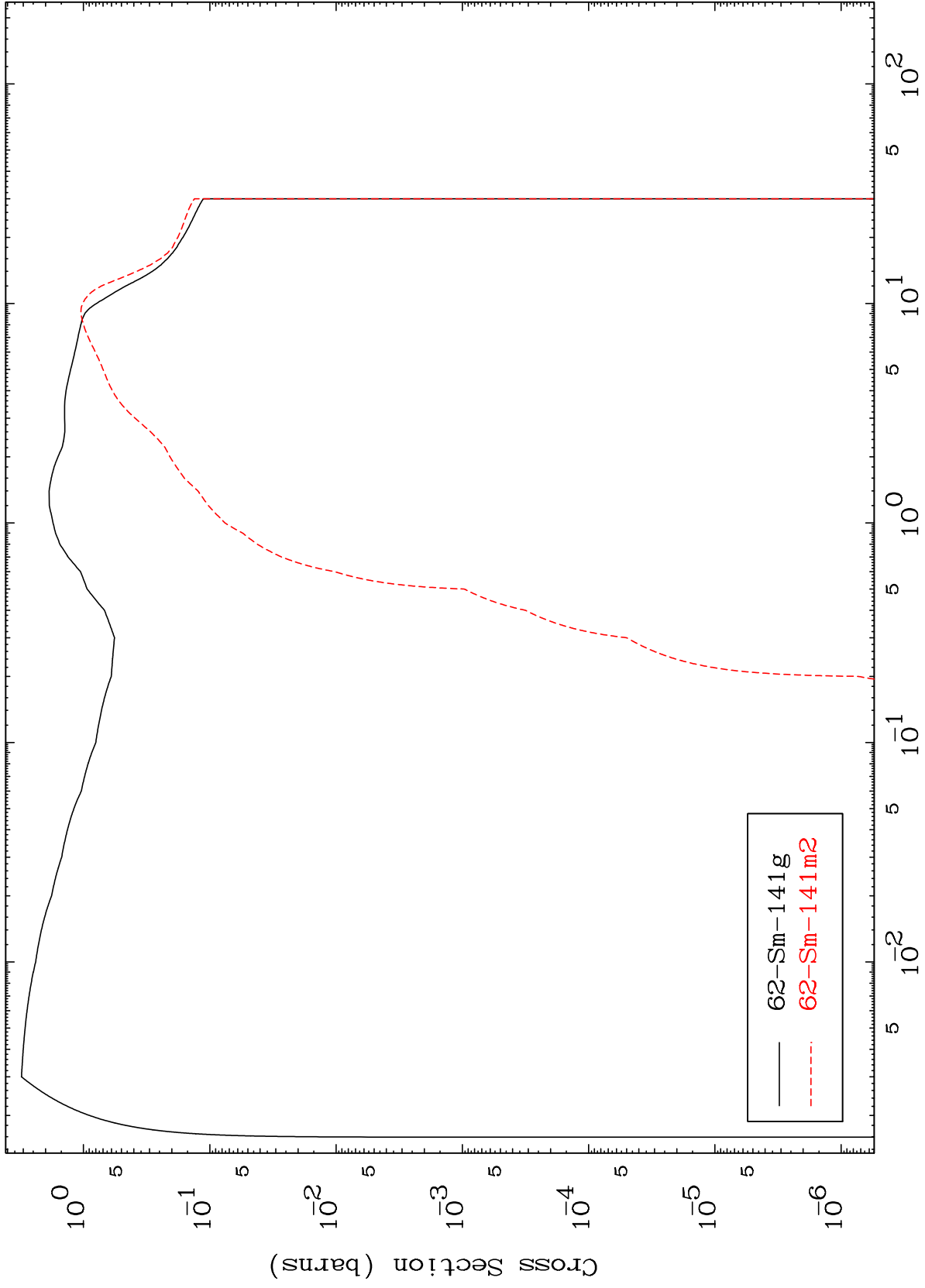
62-Sm-141



MAT 6216

62-Sm-141

Inelastic
Radionuclide Production Cross Section



123

62-Sm-141

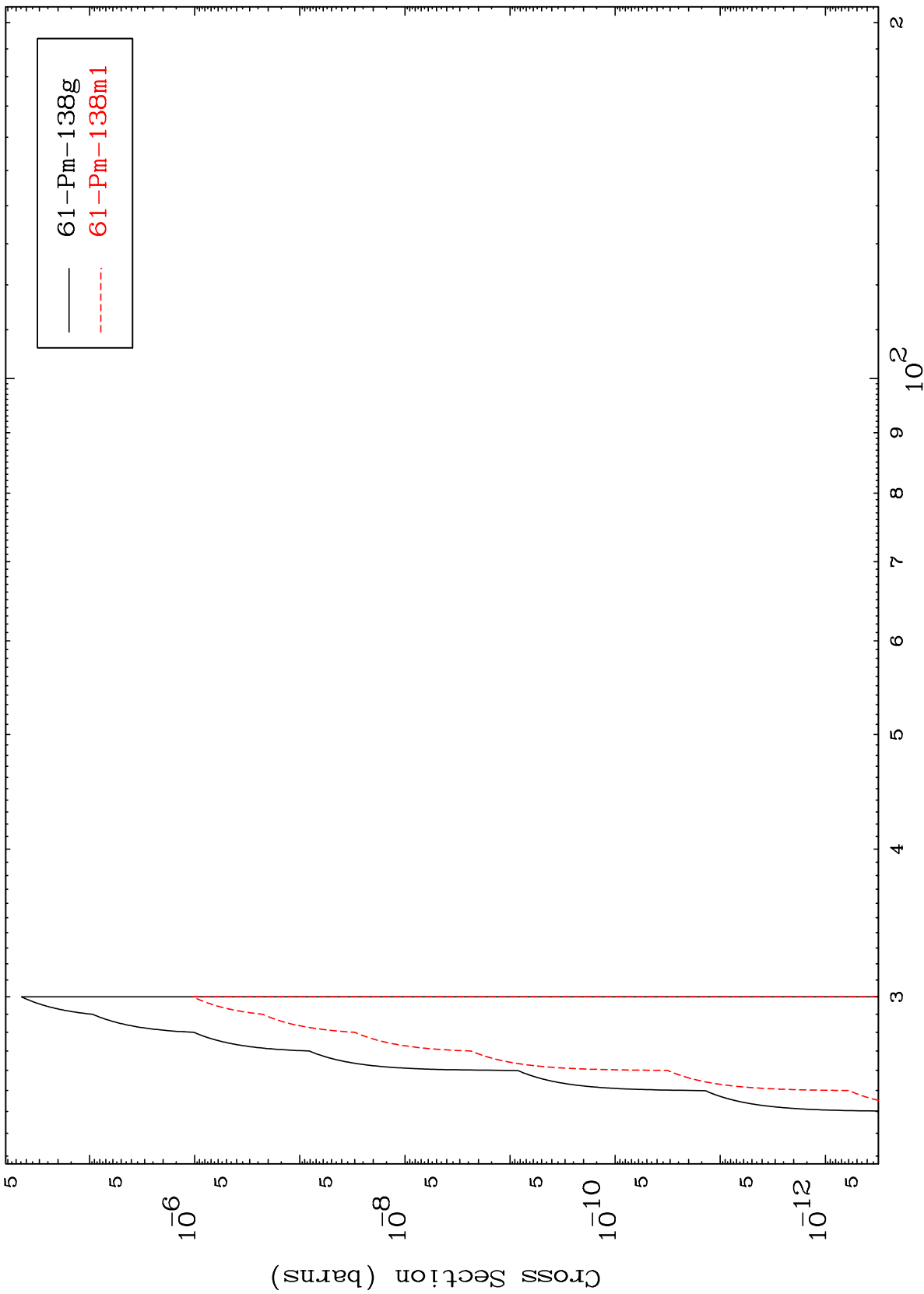
Incident Energy (MeV)

MAT 6216

(n,2n) d

62-Sm-141

Radionuclide Production Cross Section



124

Incident Energy (MeV)

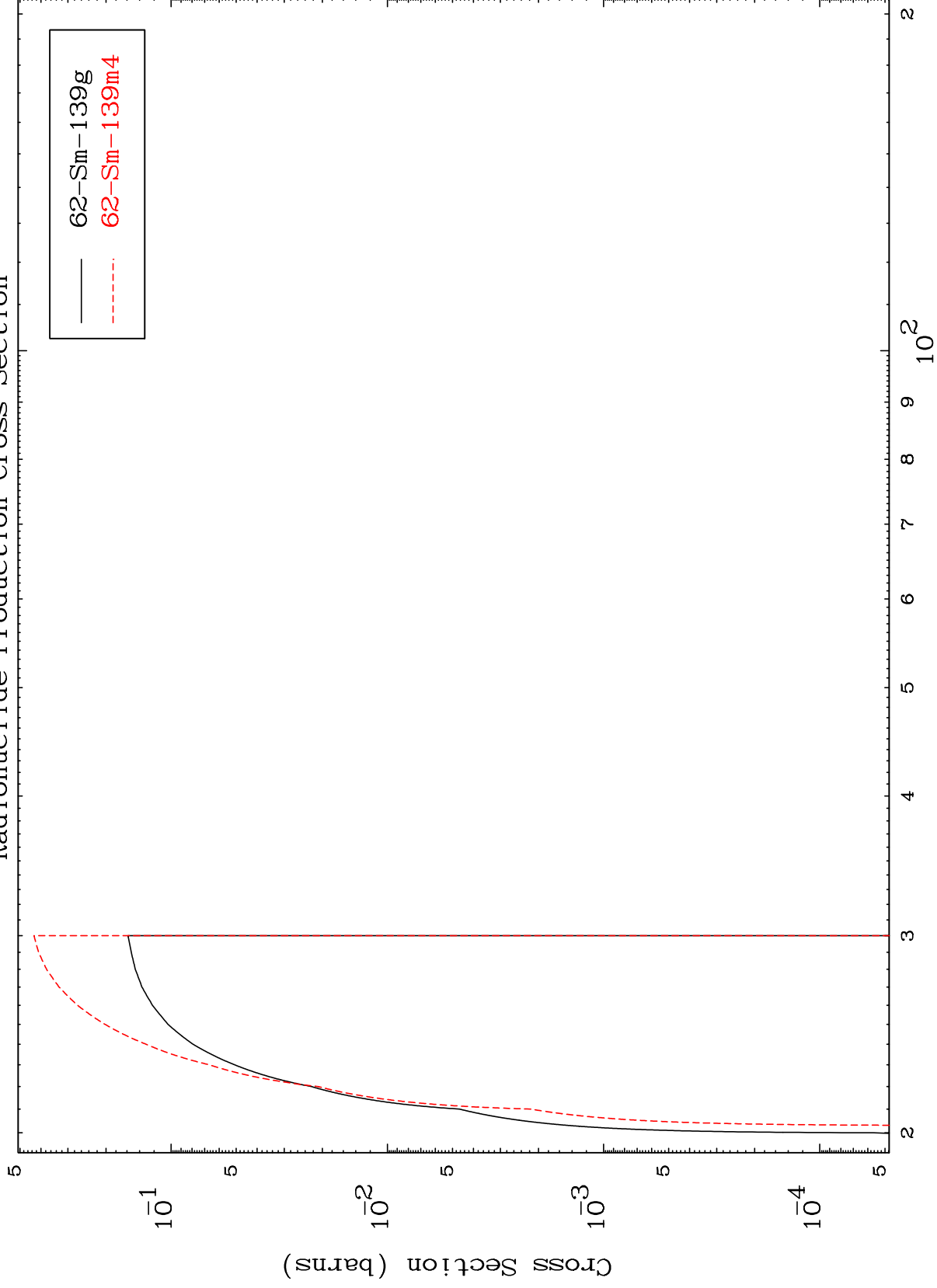
62-Sm-141

MAT 6216

(n,3n)

62-Sm-141

Radionuclide Production Cross Section



125

Incident Energy (MeV)

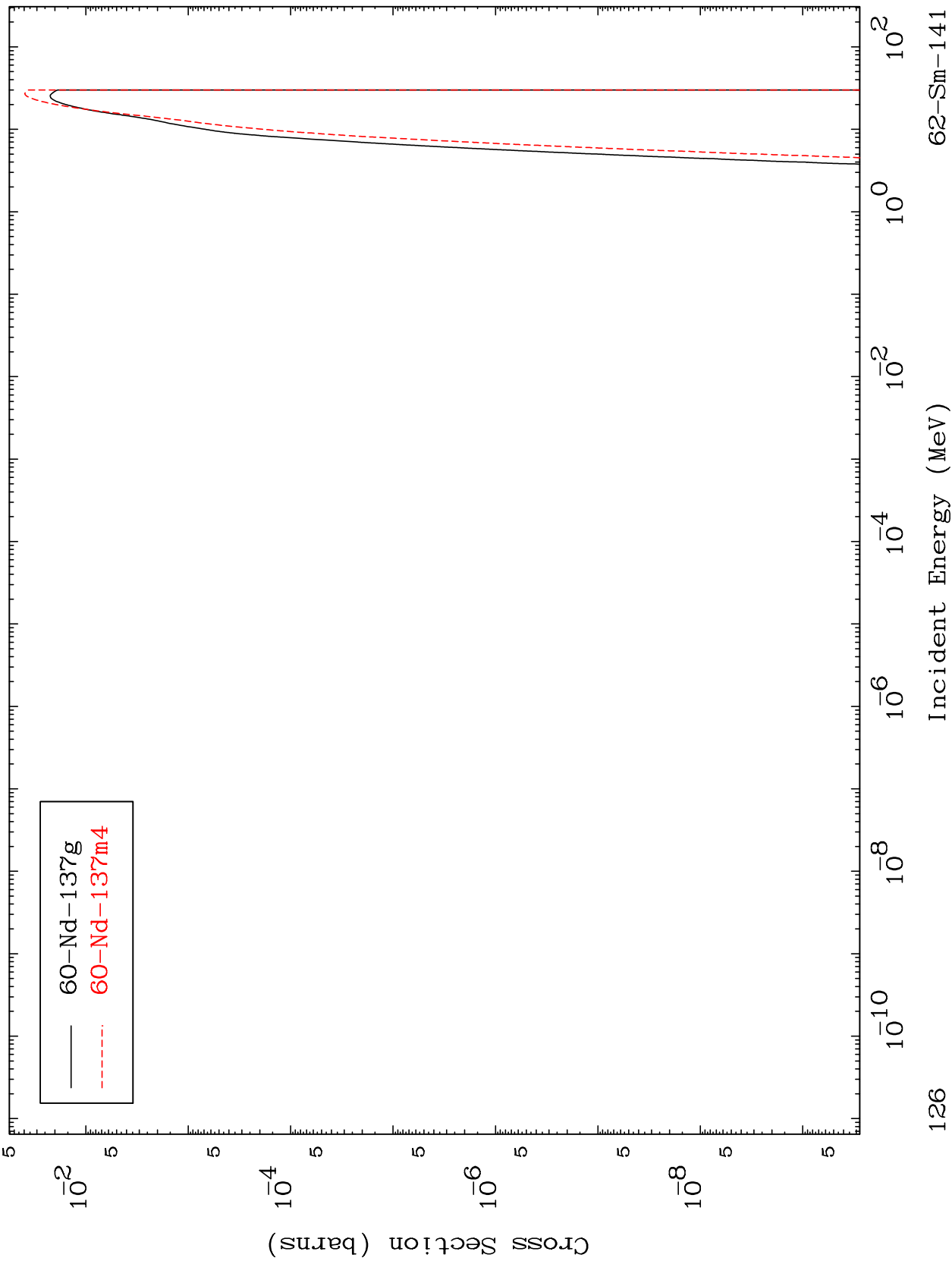
62-Sm-141

MAT 6216

$(n, n') \alpha$

62-Sm-141

Radionuclide Production Cross Section



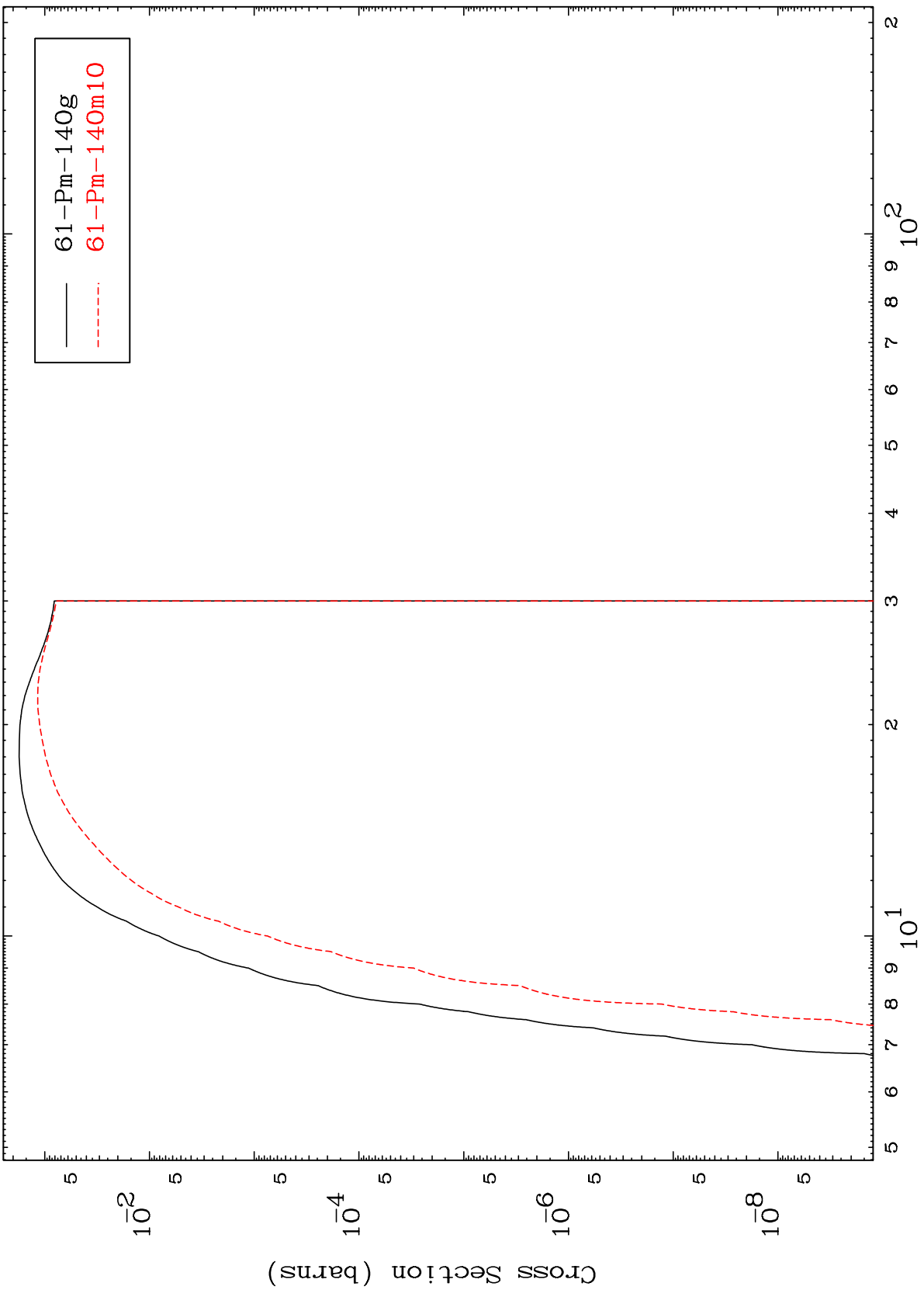
60-Nd-137g
60-Nd-137m4

MAT 6216

(n,n') p

62-Sm-141

Radionuclide Production Cross Section



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

127

Incident Energy (MeV)

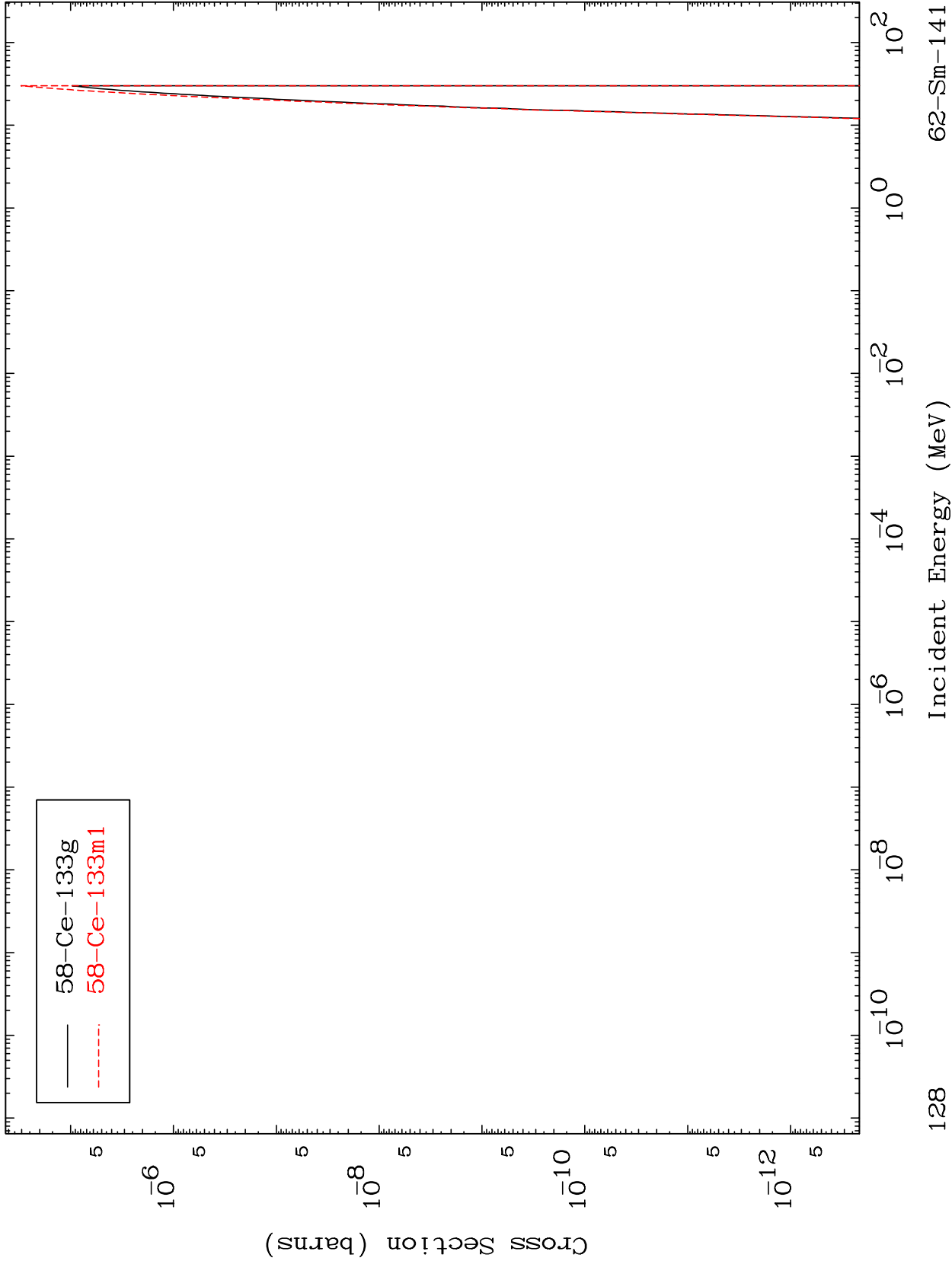
62-Sm-141

MAT 6216

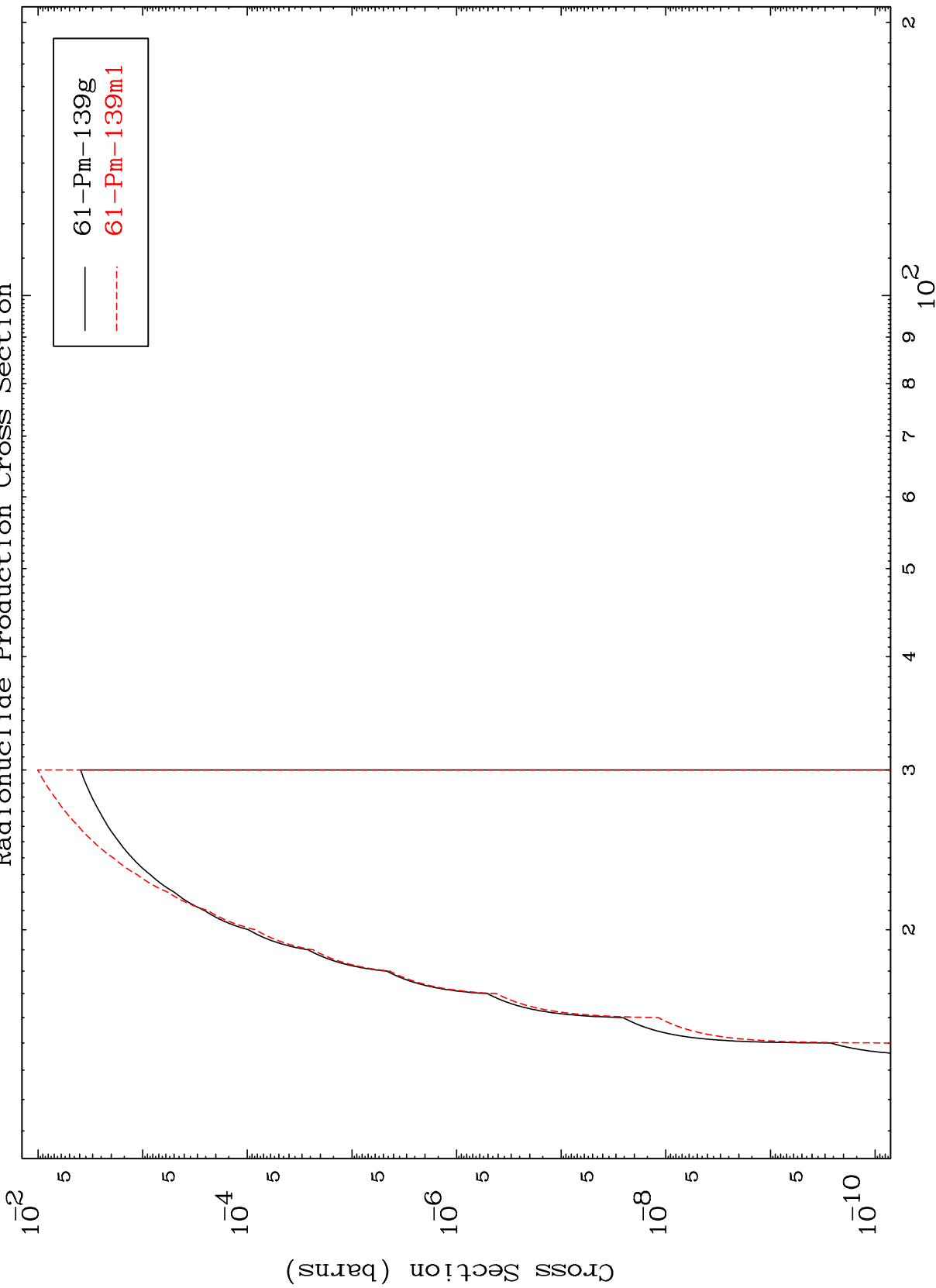
(n,n') 2α

62-Sm-141

Radionuclide Production Cross Section



(n,n') d
Radionuclide Production Cross Section



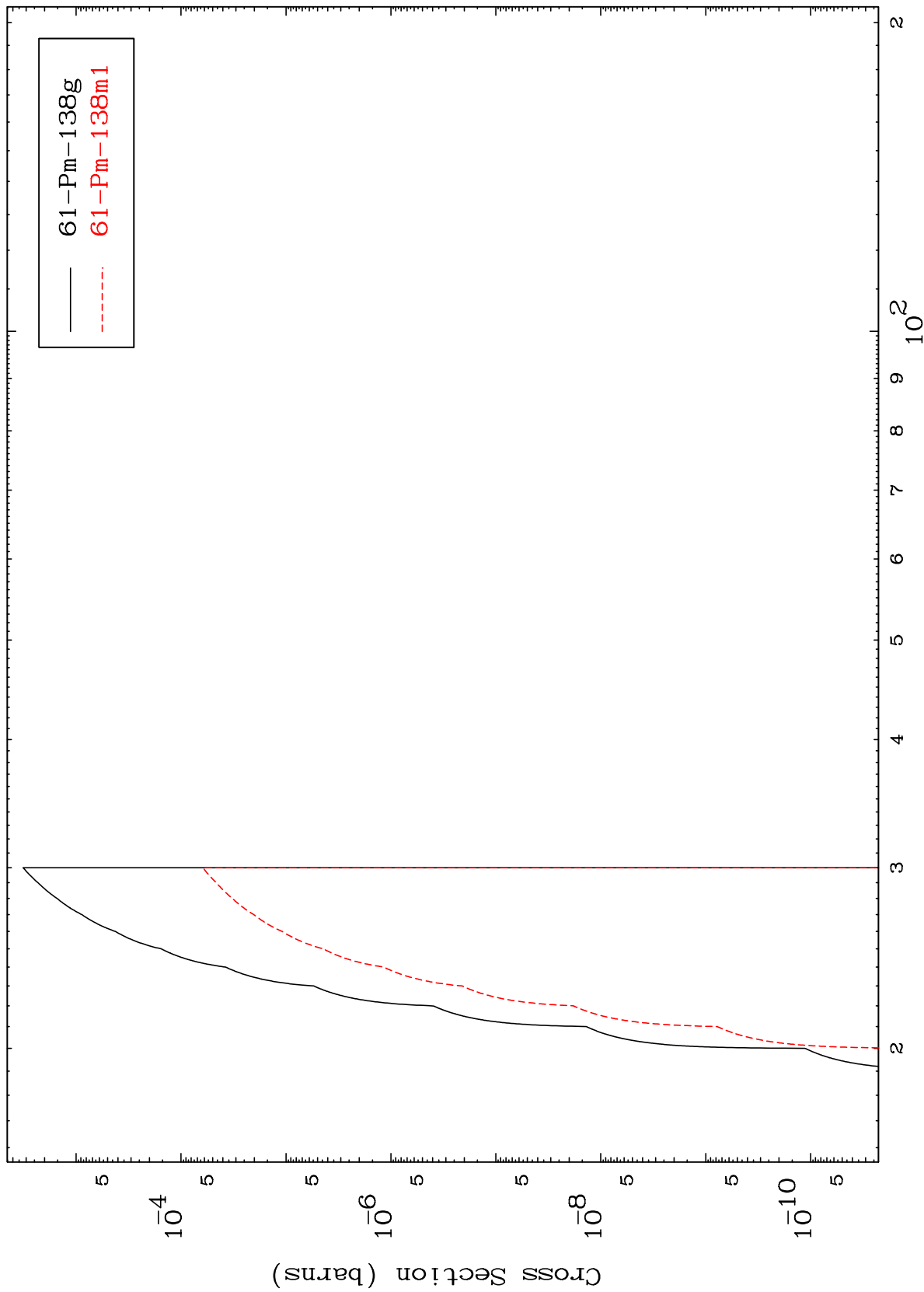
61-Pm-139g
61-Pm-139m1

MAT 6216

(n,n') t

62-Sm-141

Radionuclide Production Cross Section



130

Incident Energy (MeV)

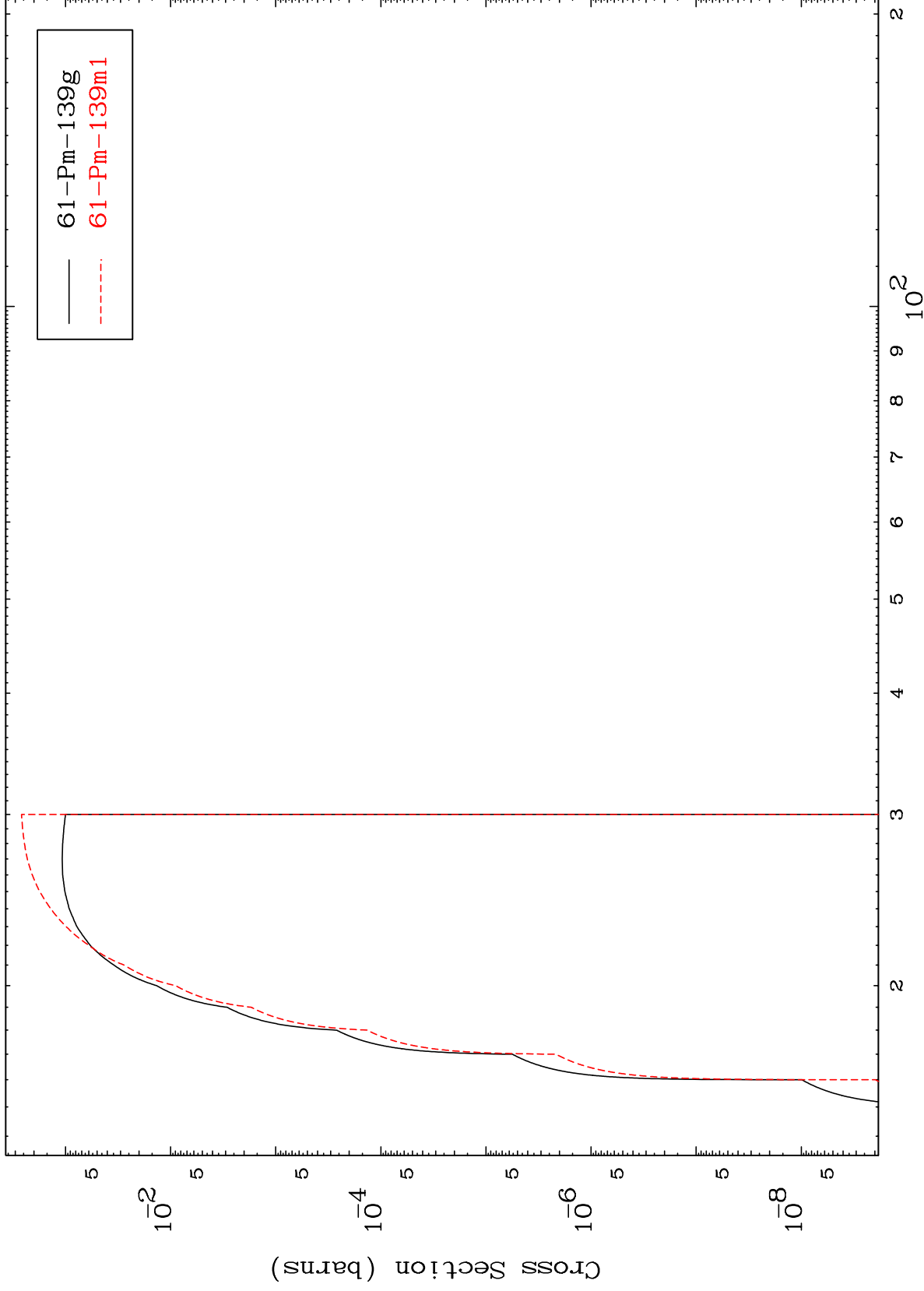
62-Sm-141

MAT 6216

(n,2n) p

62-Sm-141

Radionuclide Production Cross Section



131

Incident Energy (MeV)

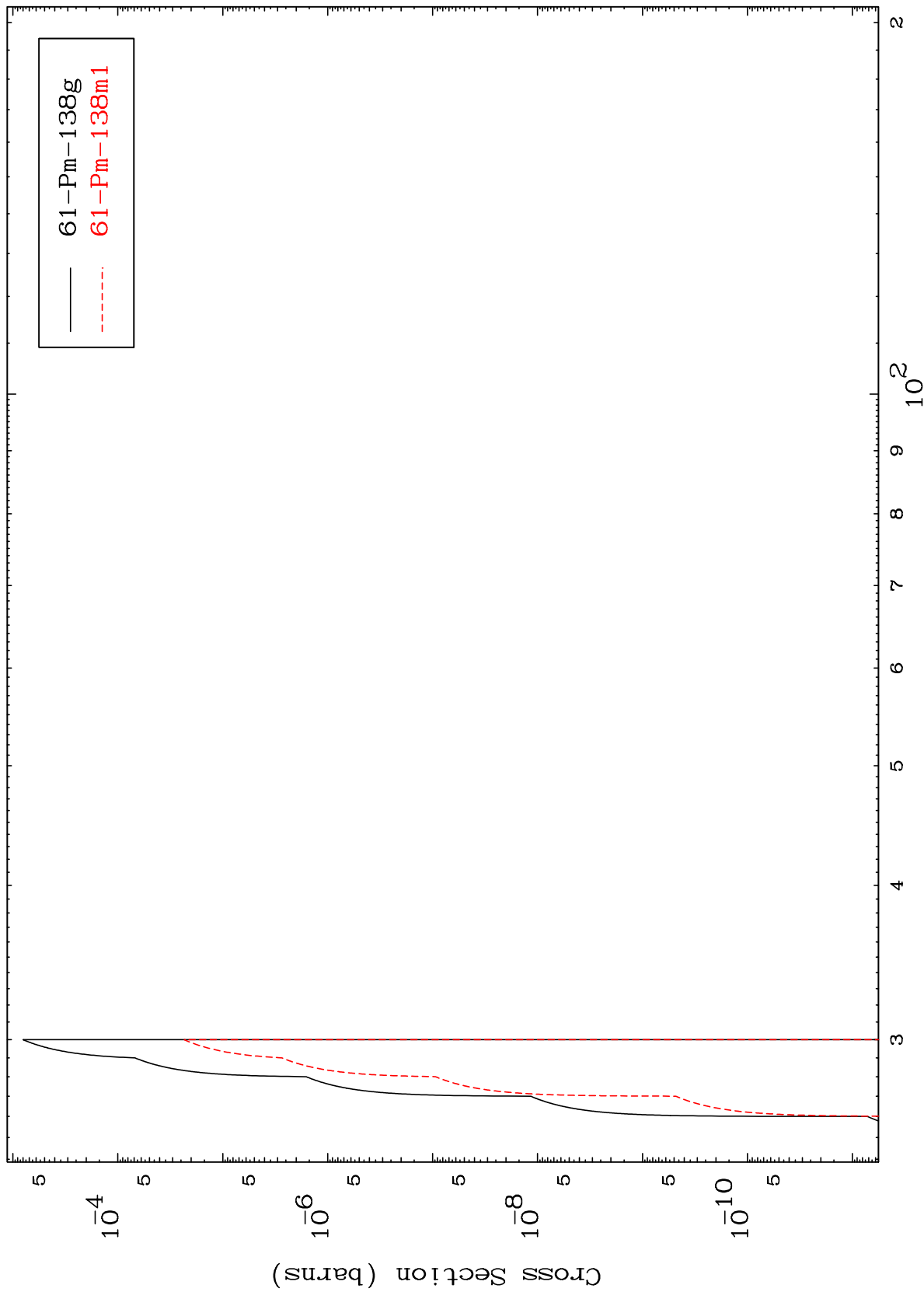
62-Sm-141

MAT 6216

(n,3n) p

62-Sm-141

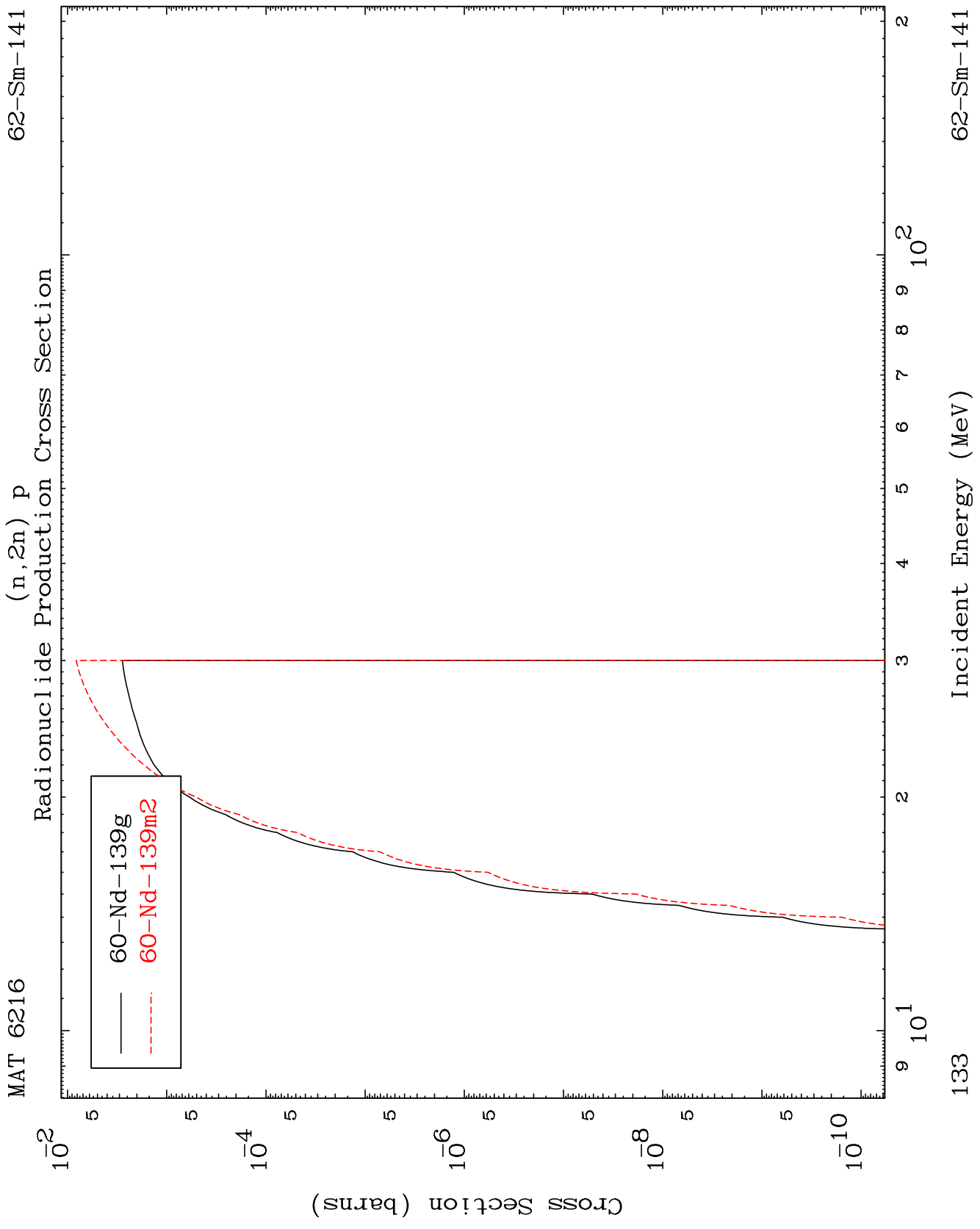
Radionuclide Production Cross Section



132

Incident Energy (MeV)

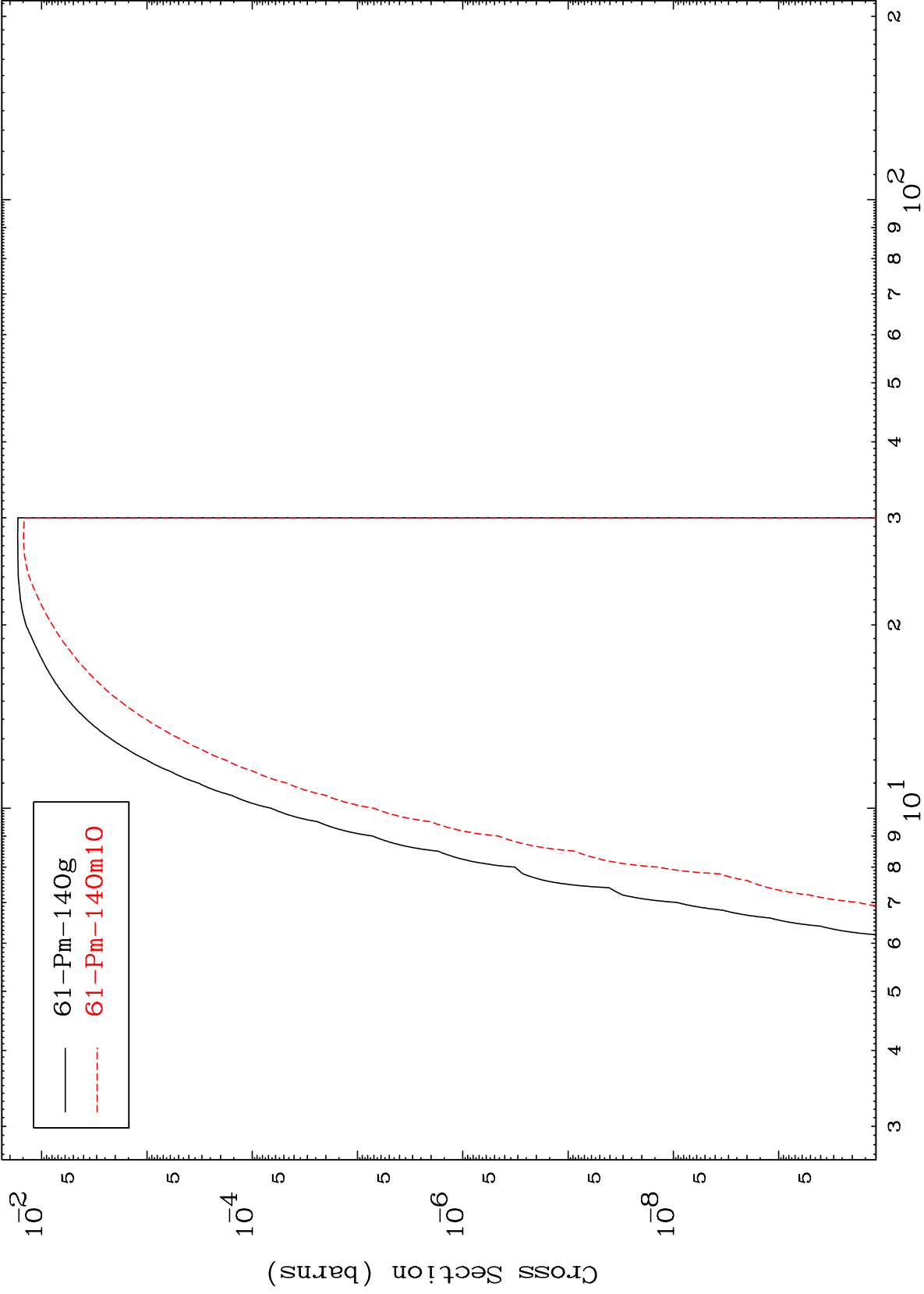
62-Sm-141



MAT 6216

62-Sm-141

(n,d)
Radionuclide Production Cross Section



134

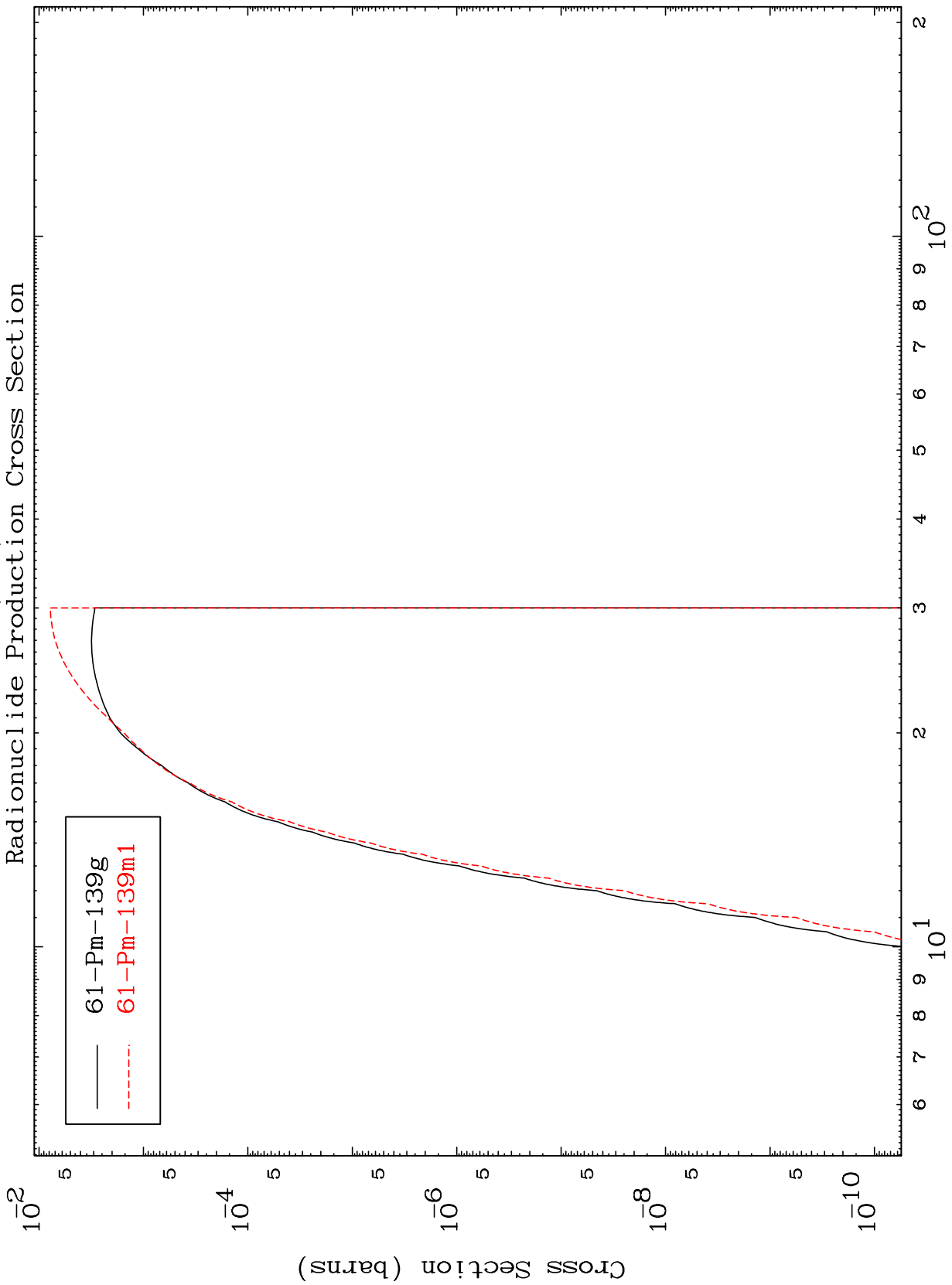
Incident Energy (MeV)

62-Sm-141

MAT 6216

62-Sm-141

Radionuclide Production Cross Section
(n, t)



61-Pm-139g
61-Pm-139m1

62-Sm-141

Incident Energy (MeV)

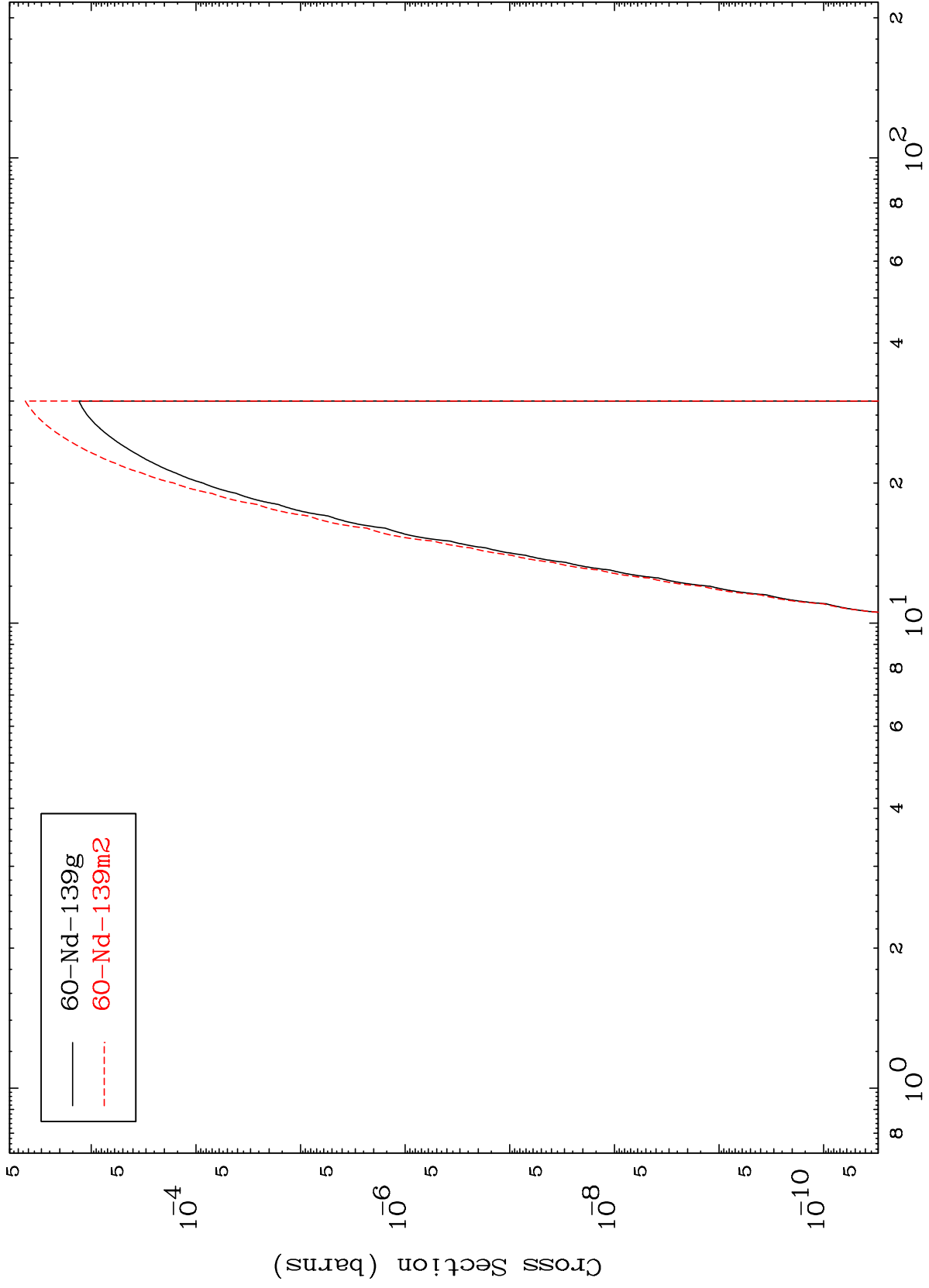
135

MAT 6216

(n,He-3)

62-Sm-141

Radionuclide Production Cross Section



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

136

Incident Energy (MeV)

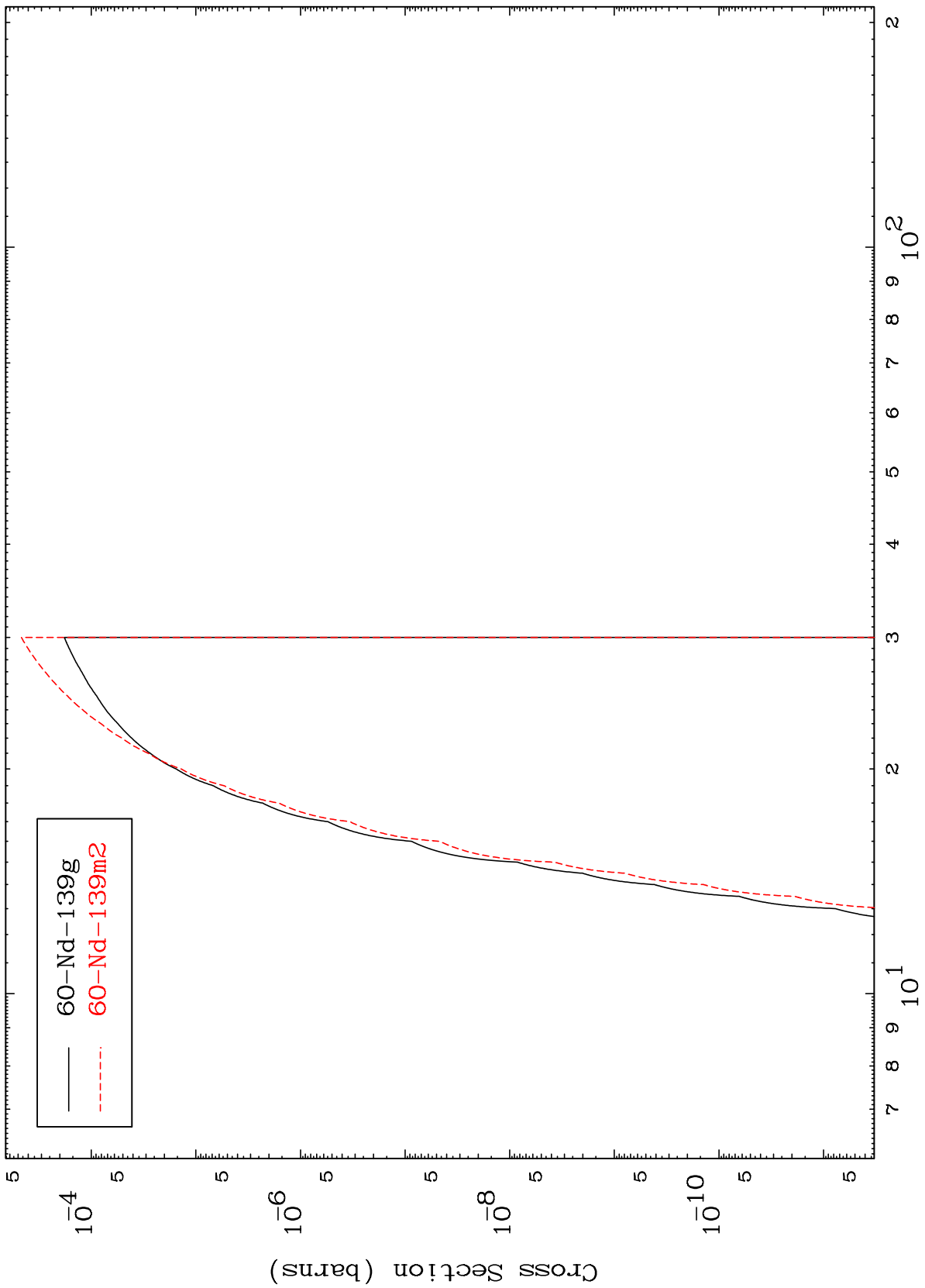
62-Sm-141

MAT 6216

(n,p) d

62-Sm-141

Radionuclide Production Cross Section



137

Incident Energy (MeV)

62-Sm-141