

Program EVALPLOT
(Version 2015-2)

by

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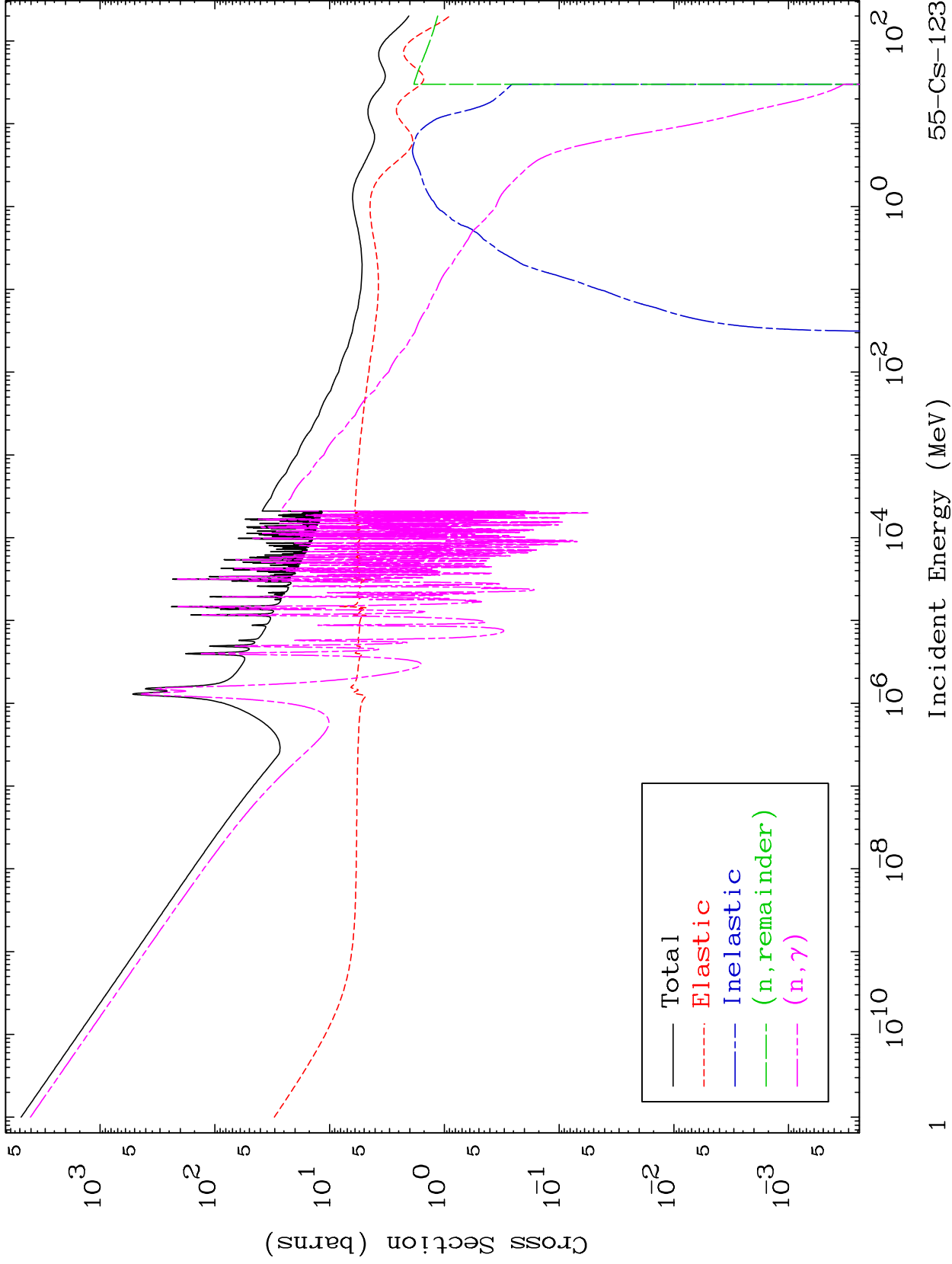
Press Mouse Button to Start

MAT 5495

Major

293 Kelvin Cross Sections

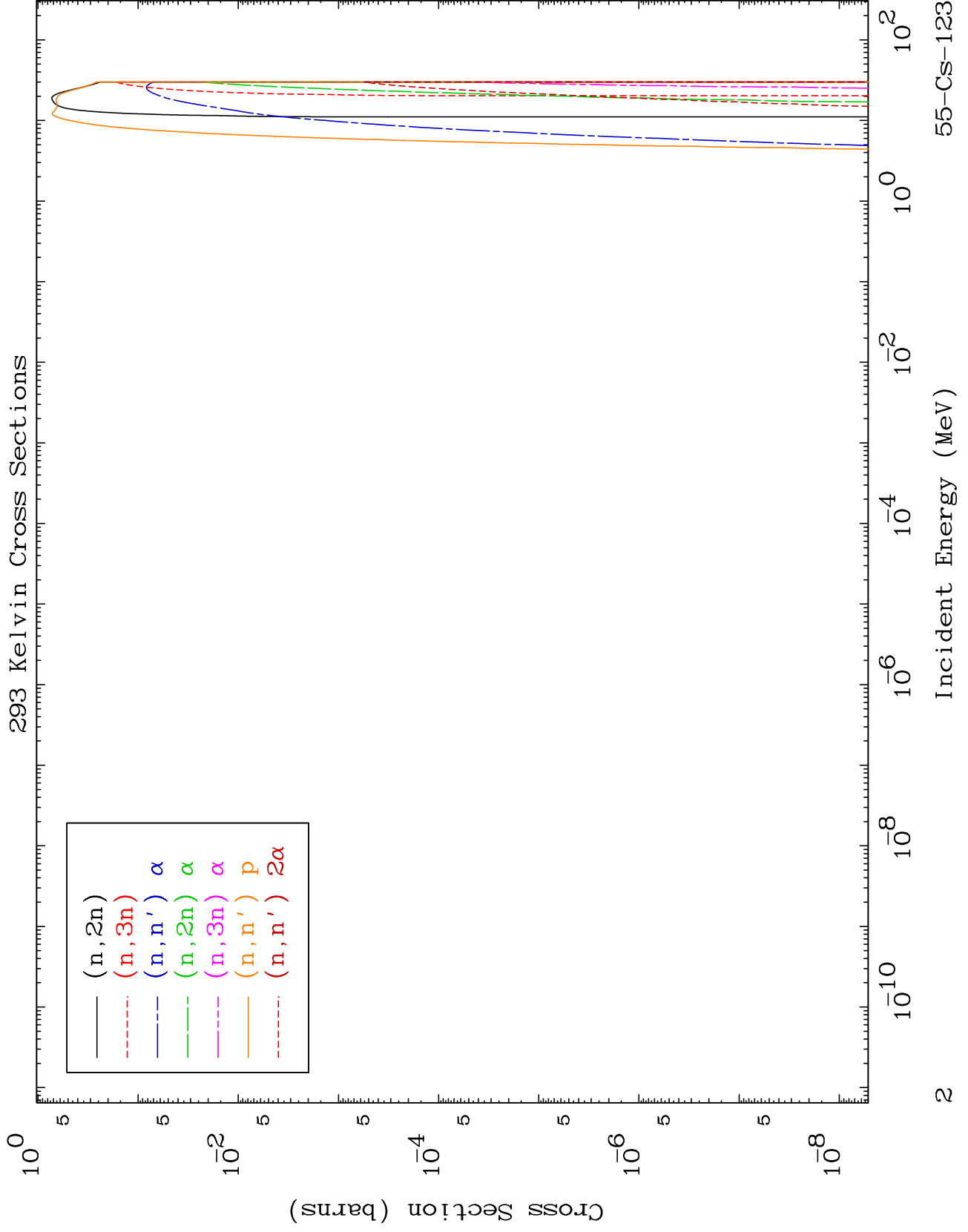
55-Cs-123

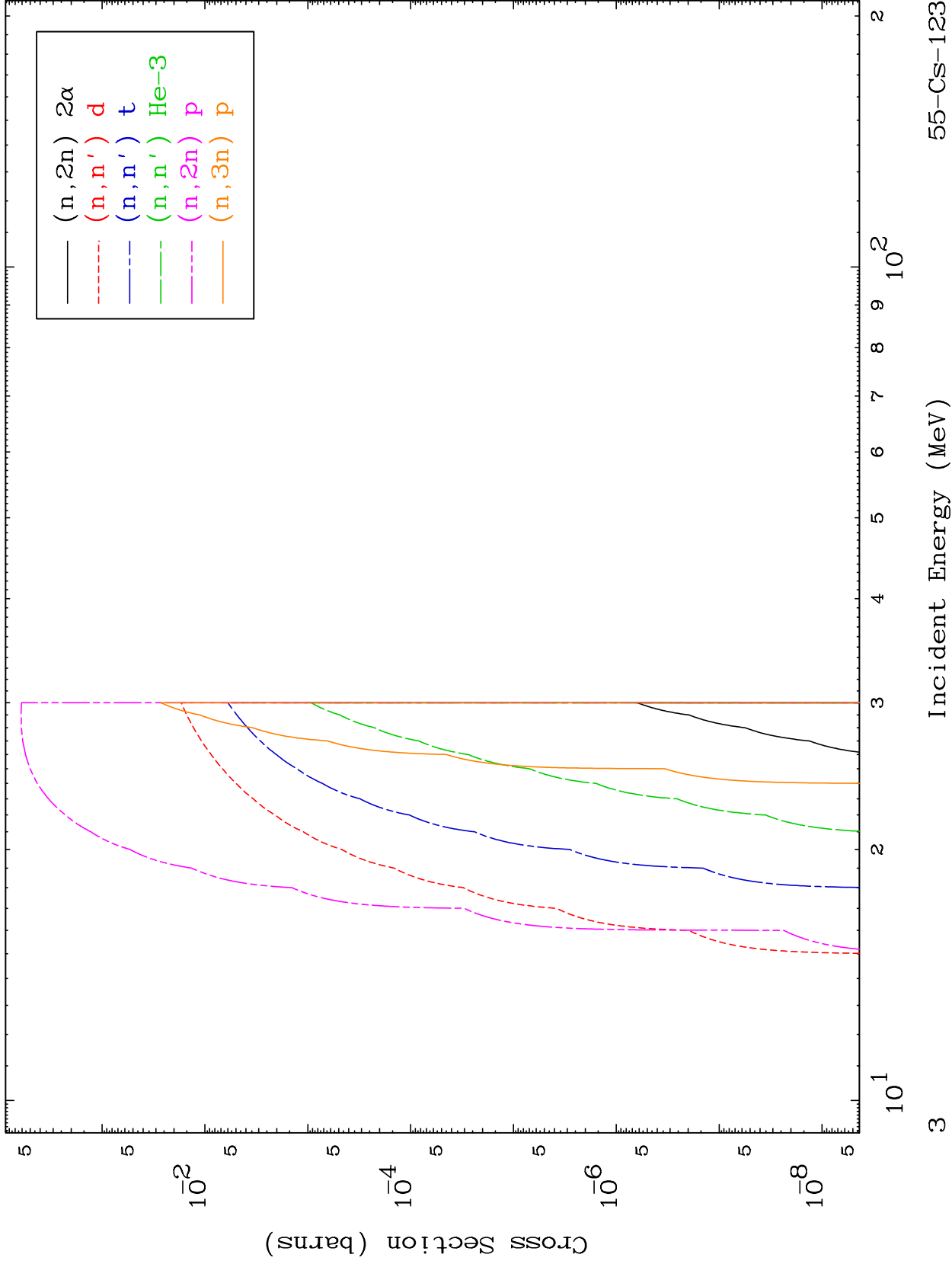


MAT 5495

Neutron Production
293 Kelvin Cross Sections

55-Cs-123

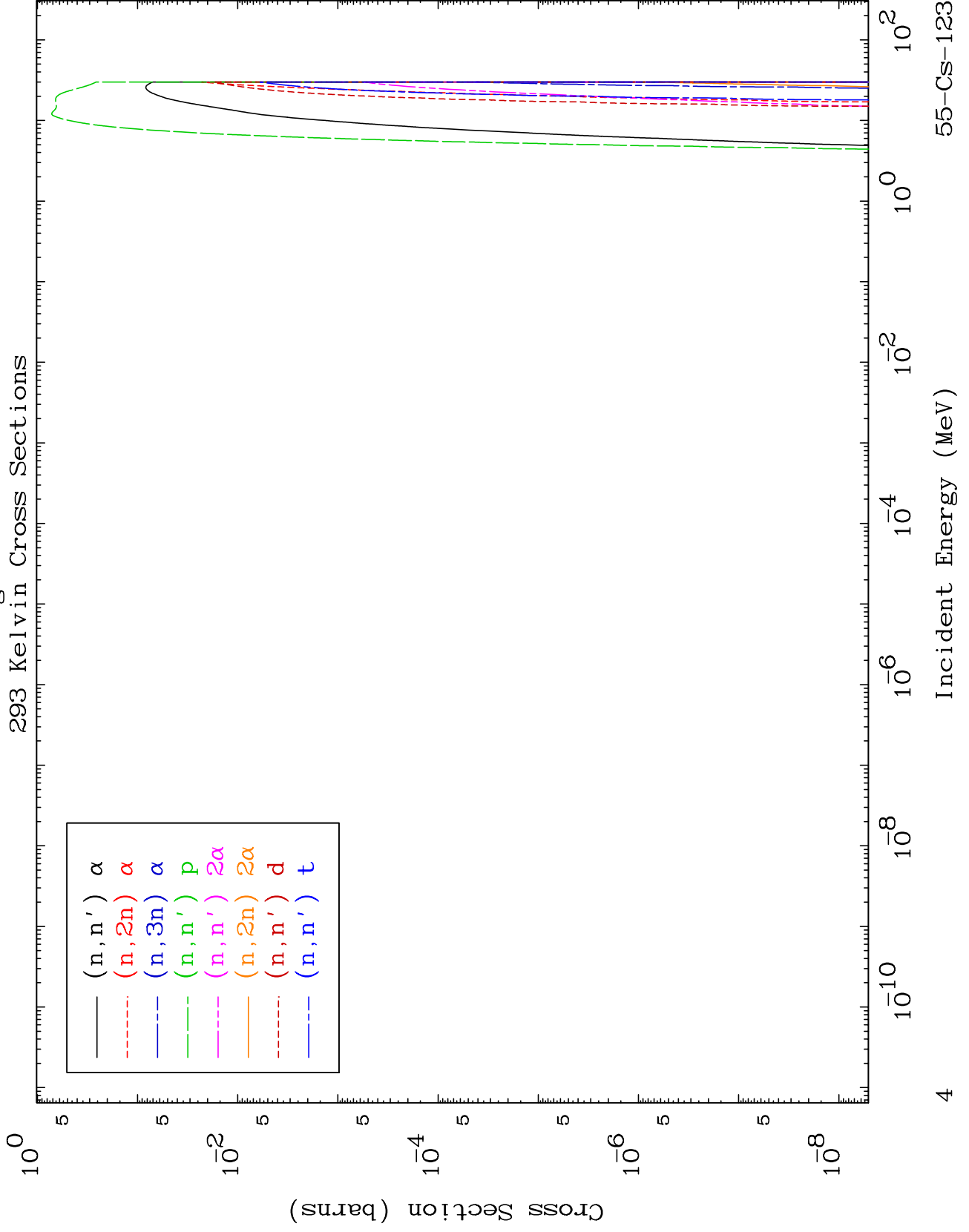


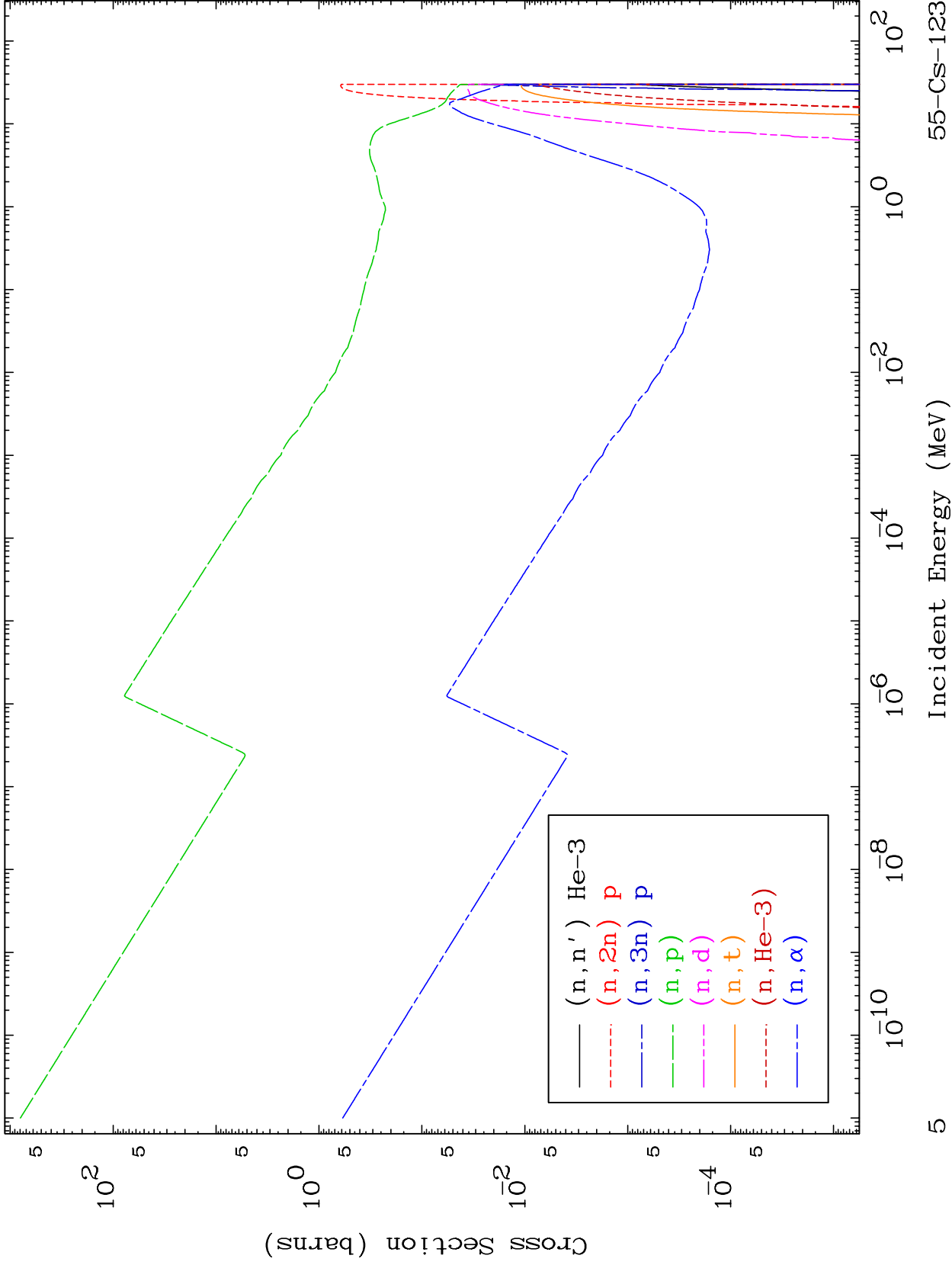


MAT 5495

Charged Particle
293 Kelvin Cross Sections

55-Cs-123

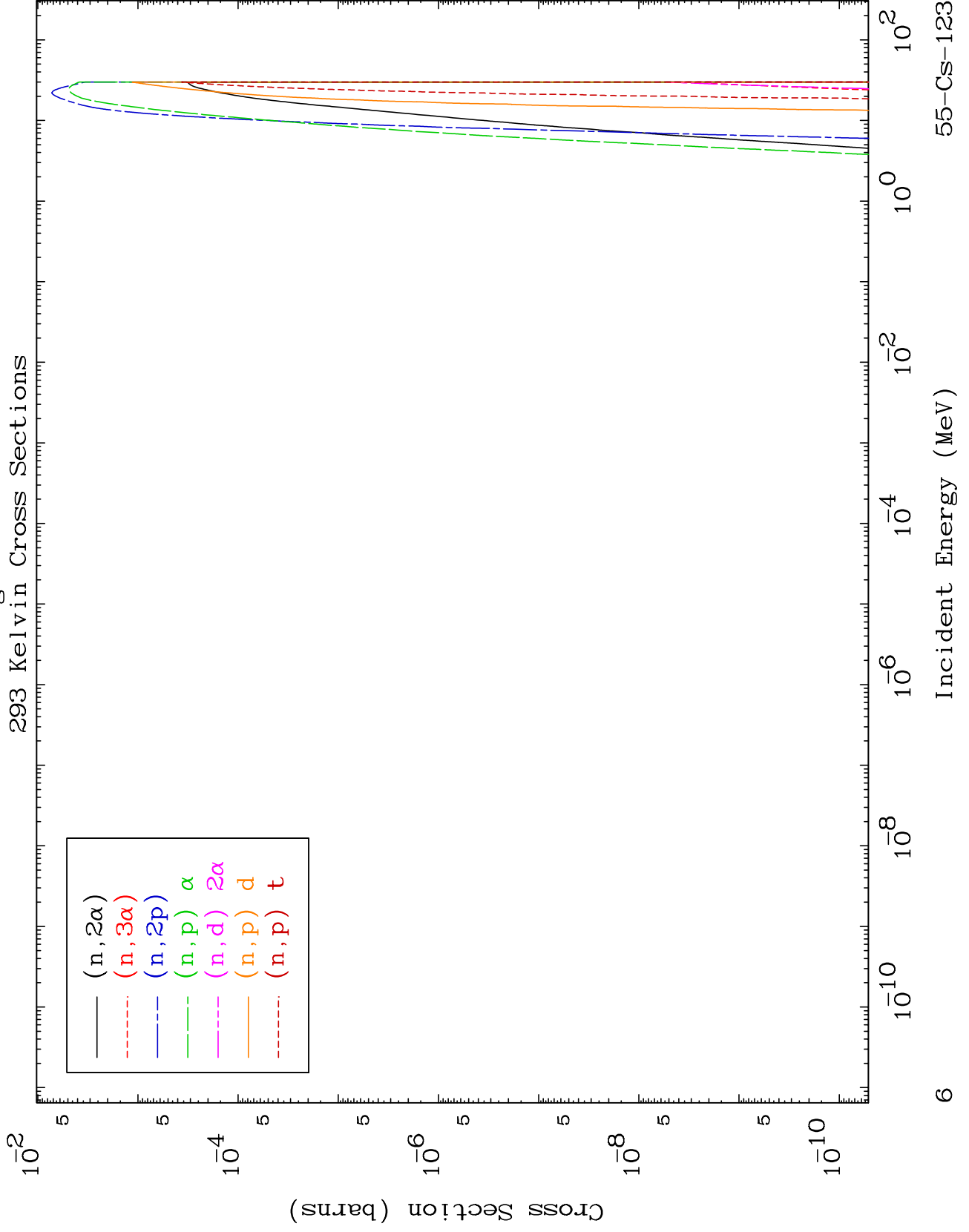




MAT 5495

Charged Particle
293 Kelvin Cross Sections

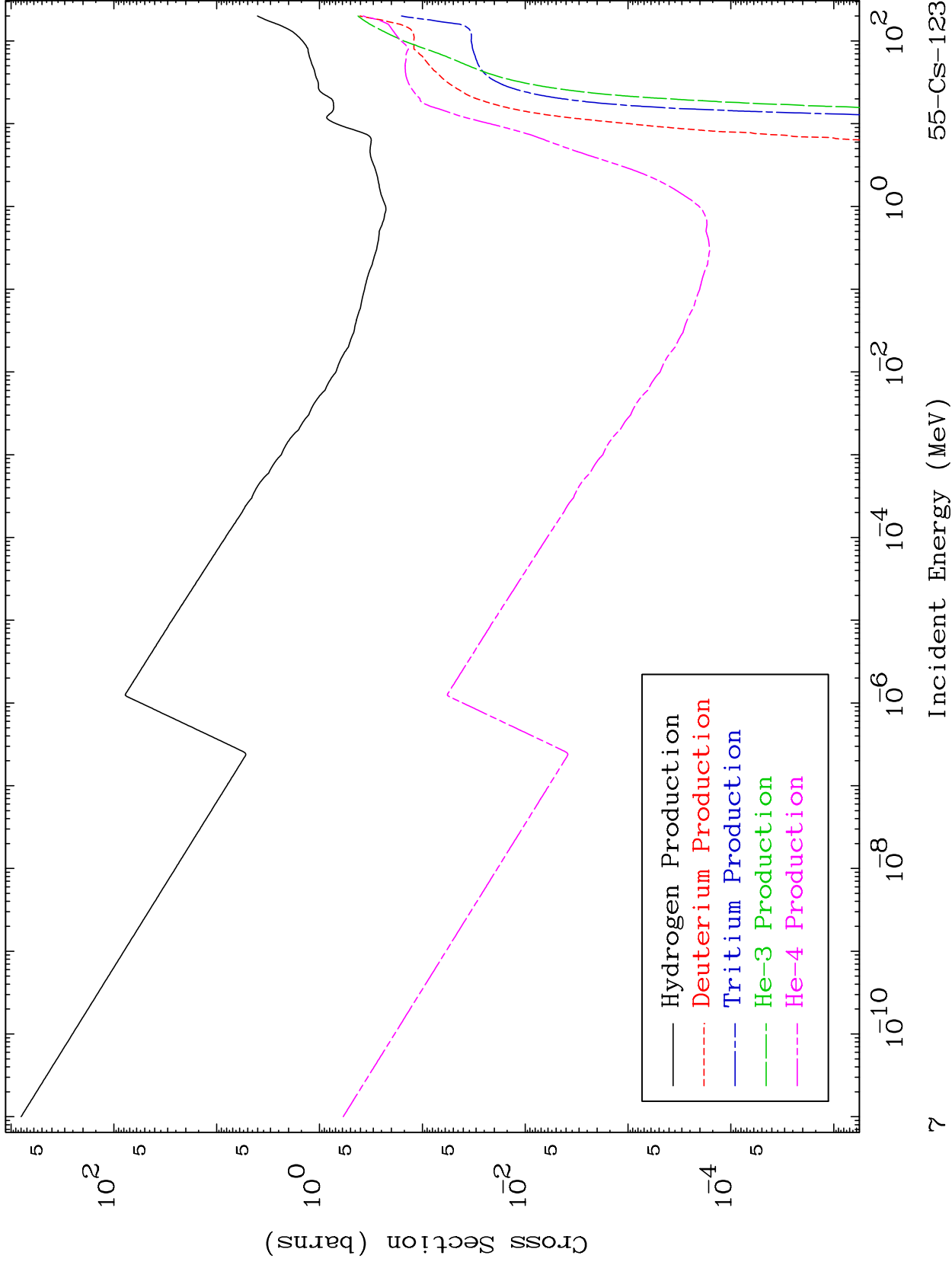
55-Cs-123



MAT 5495

Particle Production
293 Kelvin Cross Sections

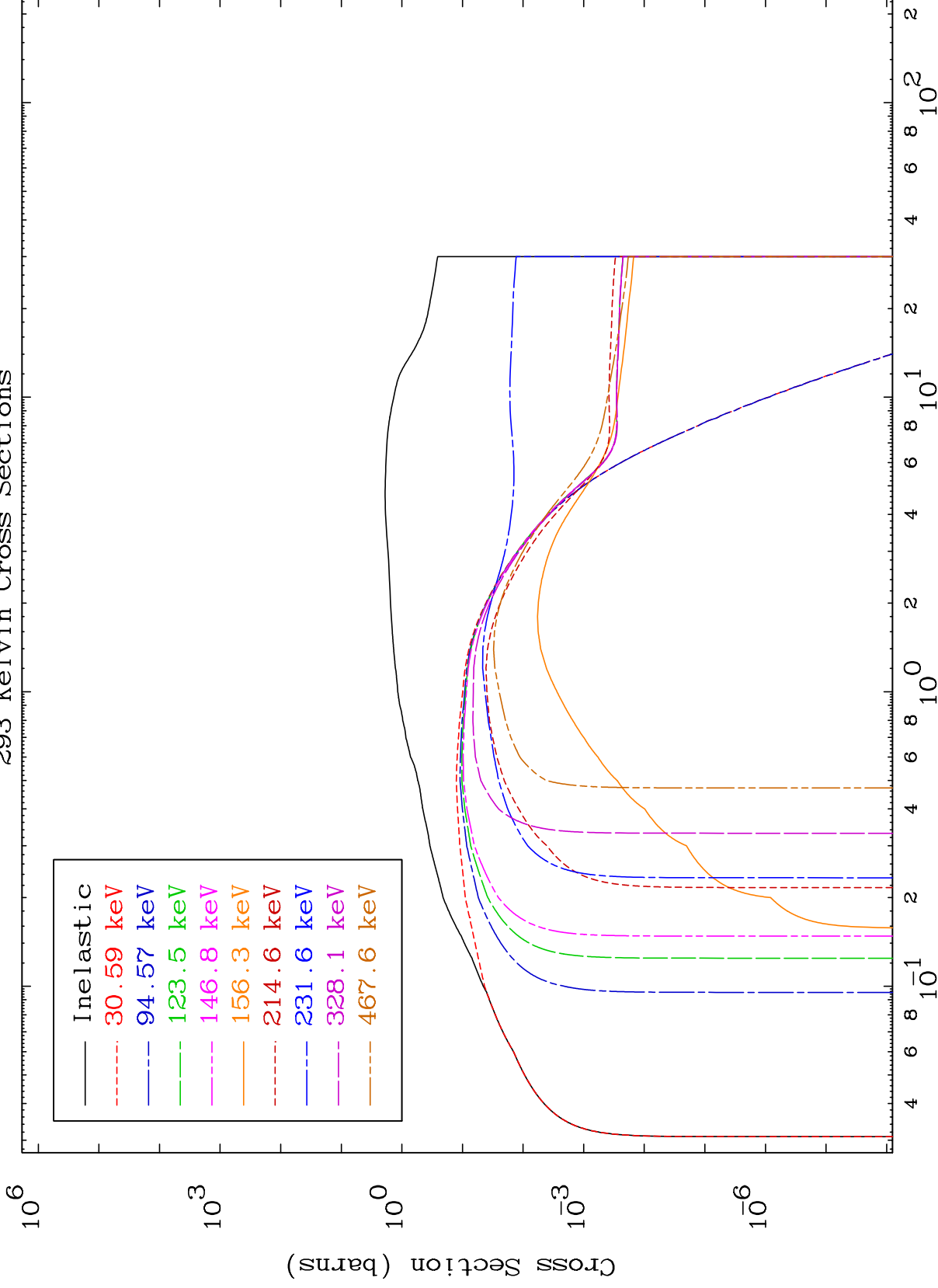
55-Cs-123



MAT 5495

(n,n') Level
293 Kelvin Cross Sections

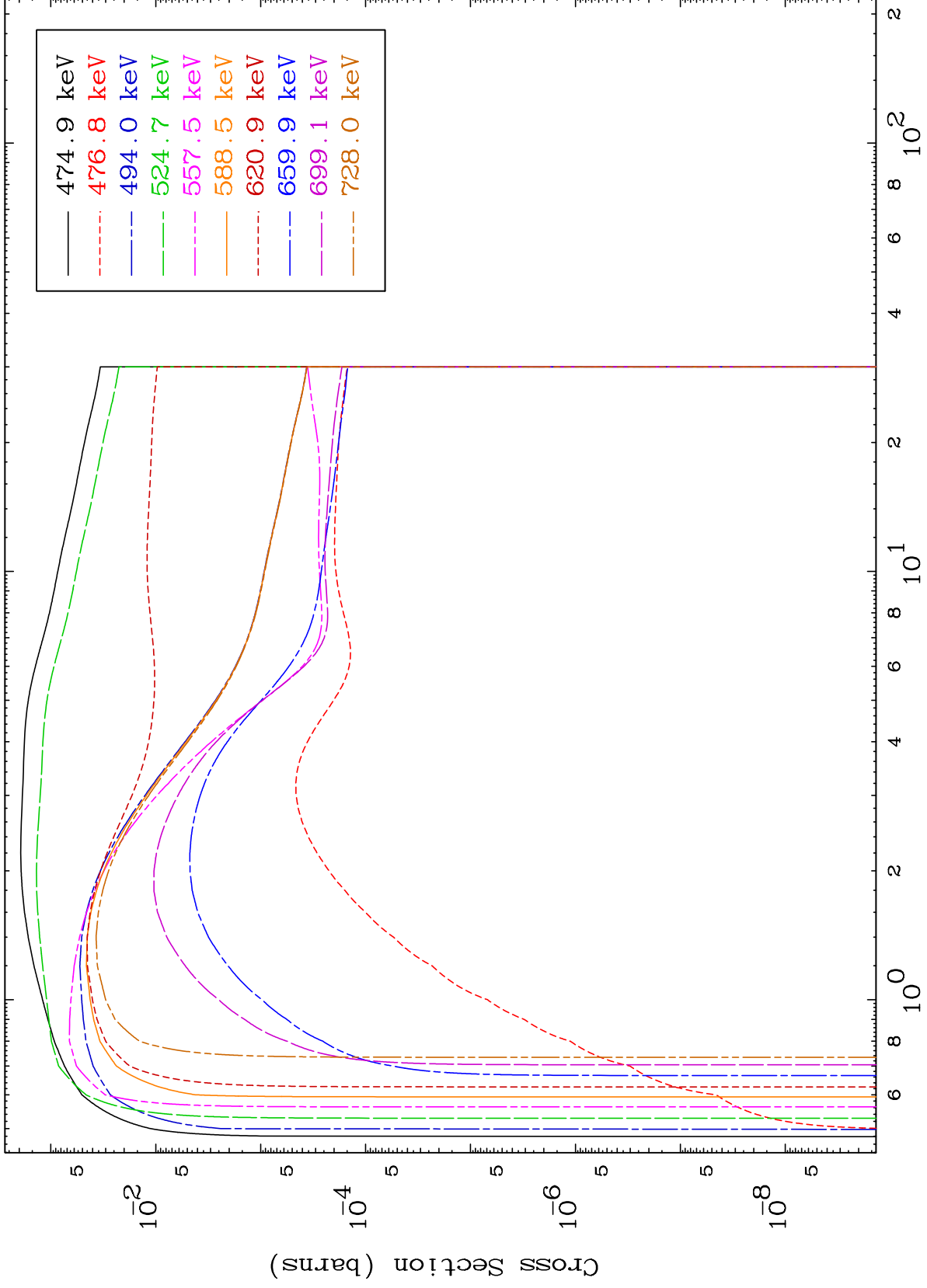
55-Cs-123



MAT 5495

(n,n') Level
293 Kelvin Cross Sections

55-Cs-123



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Incident Energy (MeV)

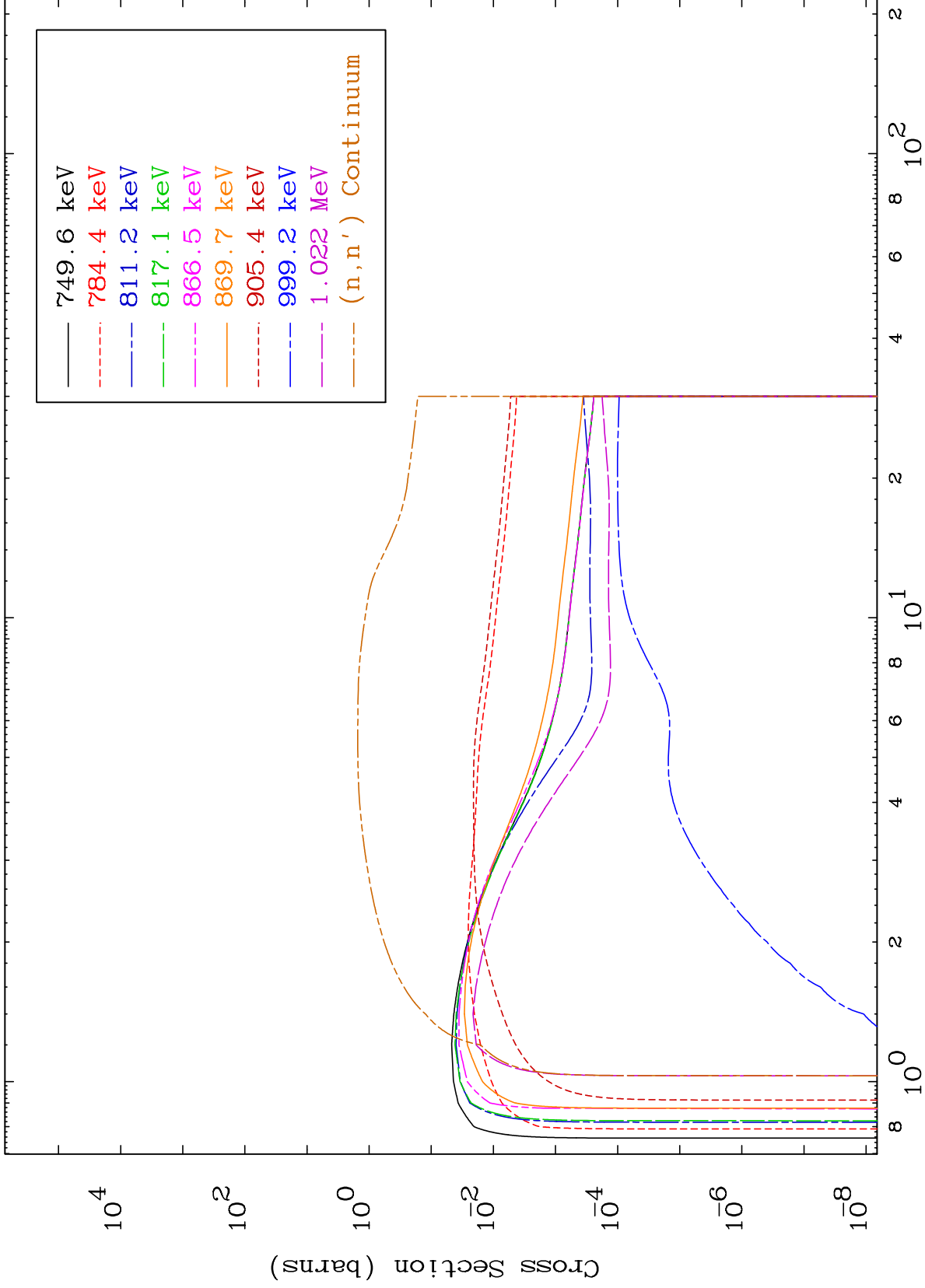
55-Cs-123

MAT 5495

(n,n') Level

55-Cs-123

293 Kelvin Cross Sections



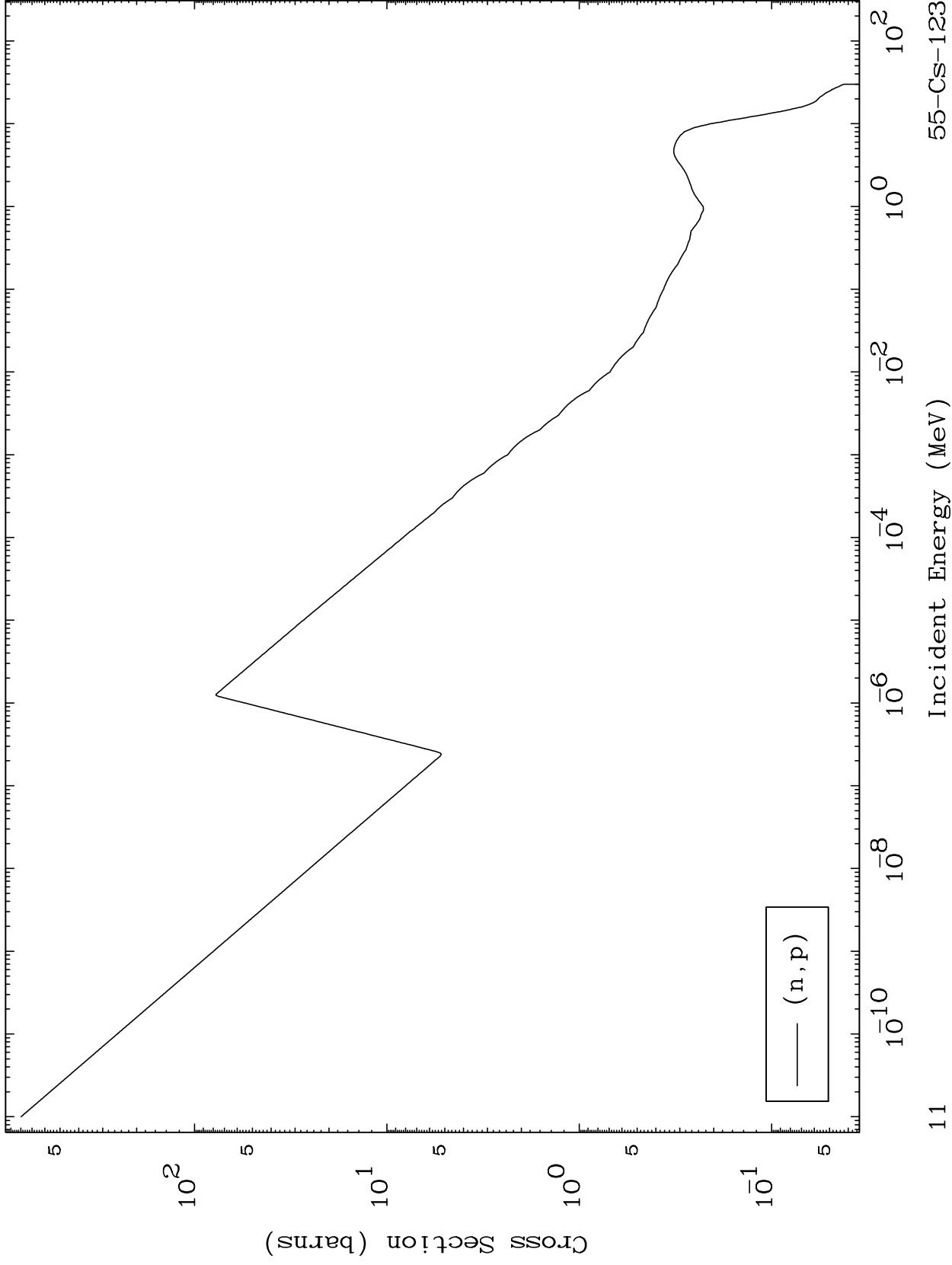
Incident Energy (MeV)

55-Cs-123

MAT 5495

(n,p) Levels
293 Kelvin Cross Sections

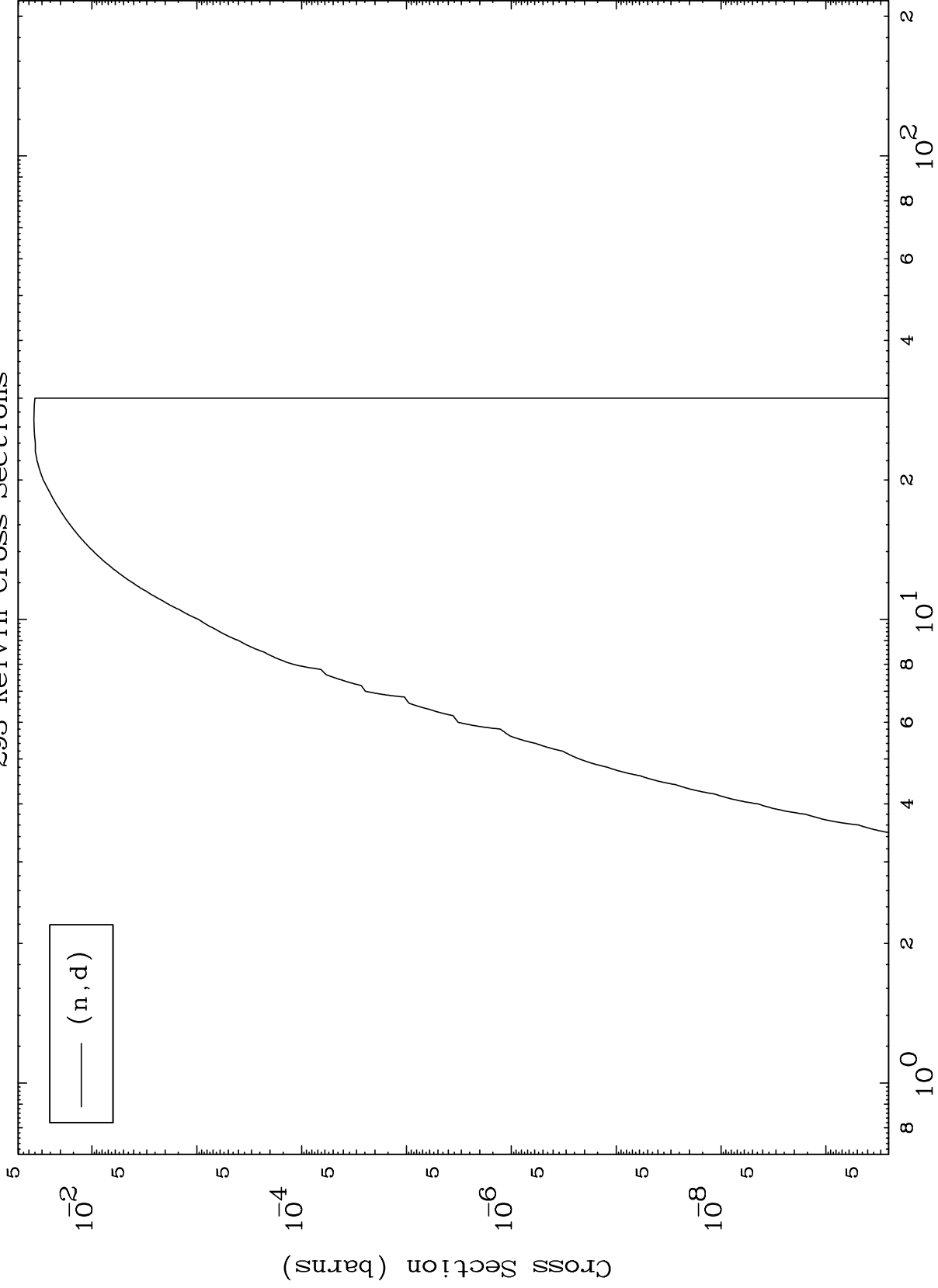
55-Cs-123



MAT 5495

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-123



12

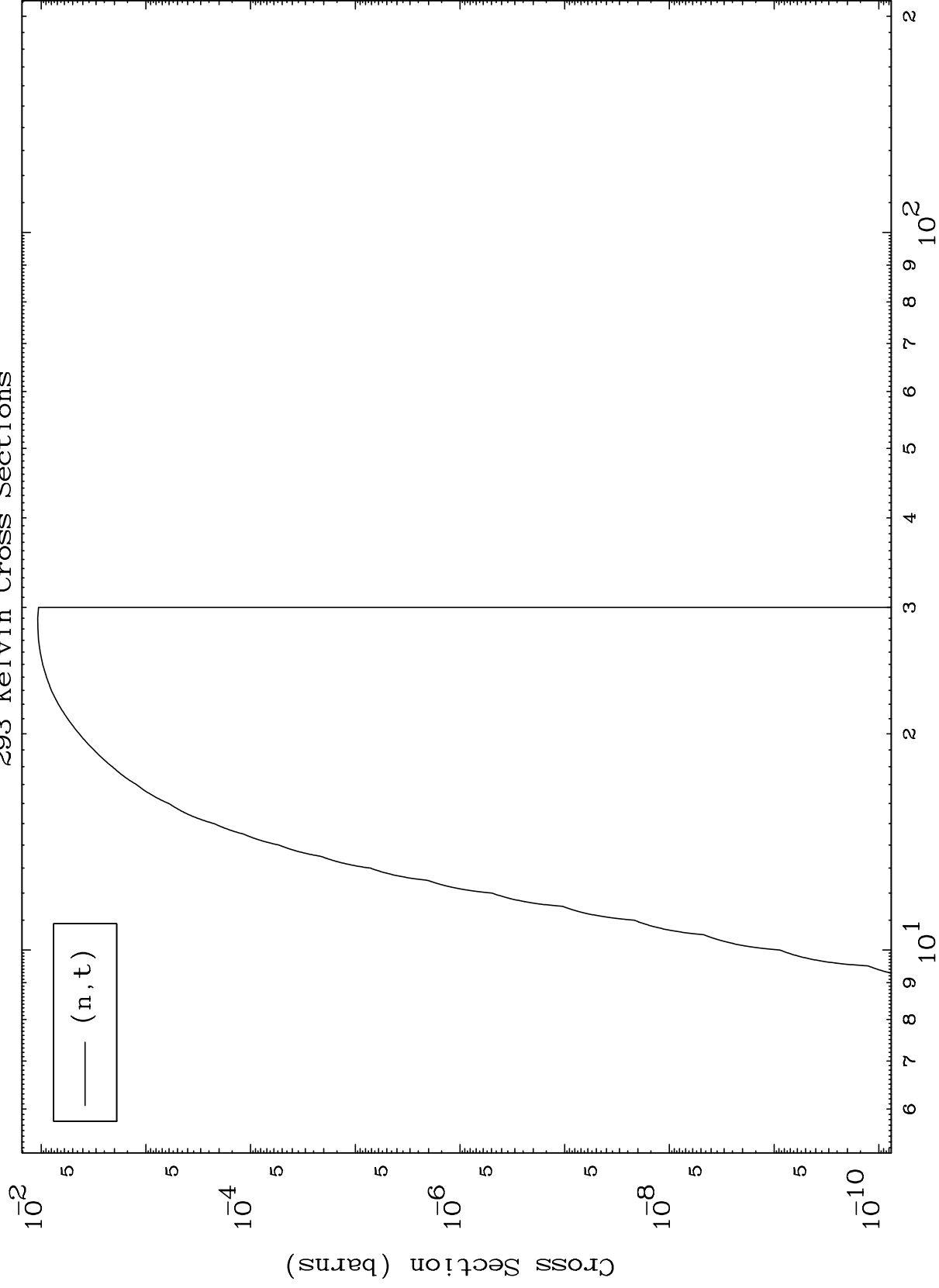
Incident Energy (MeV)

55-Cs-123

MAT 5495

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-123



13

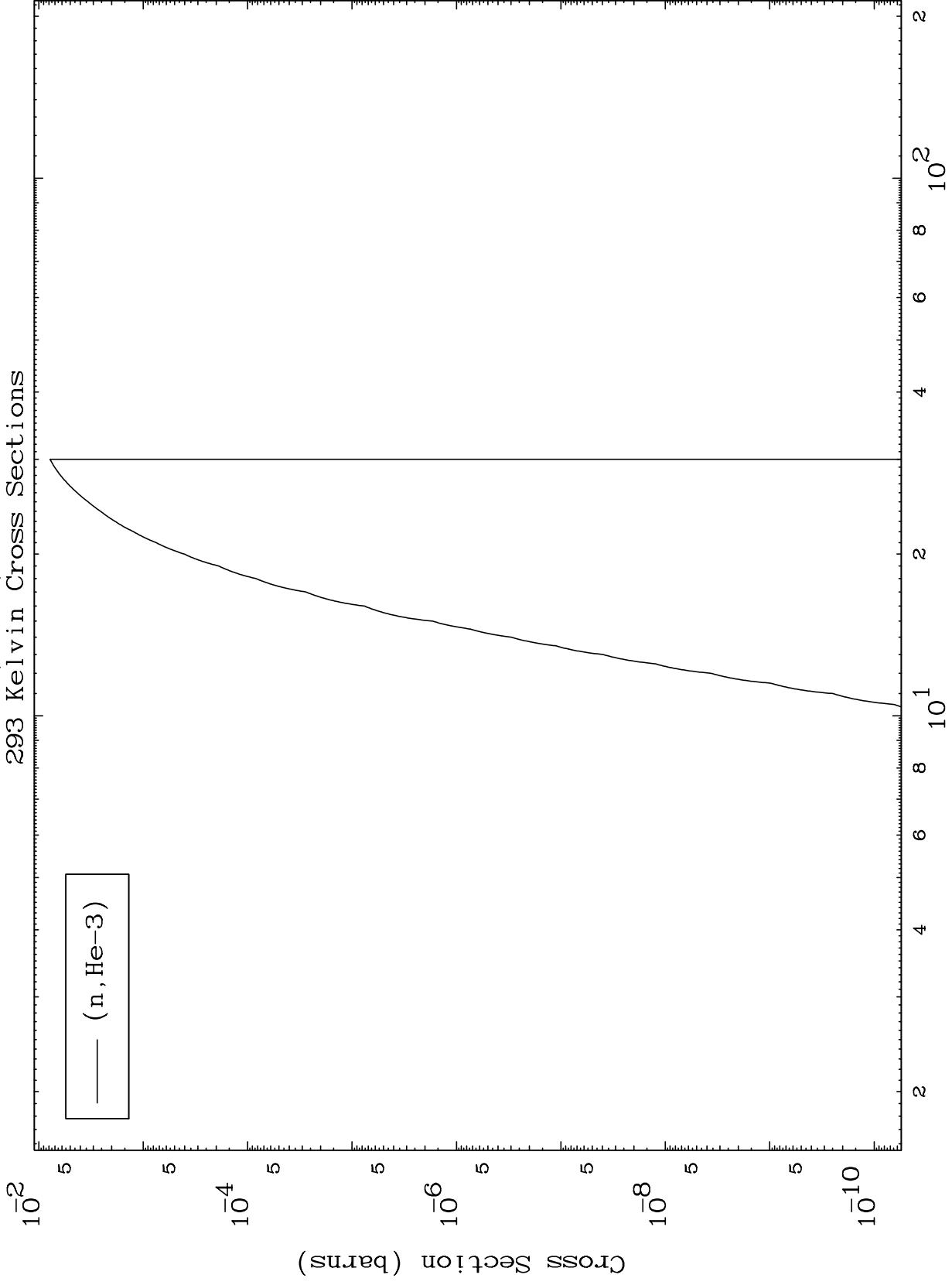
Incident Energy (MeV)

55-Cs-123

MAT 5495

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-123



14

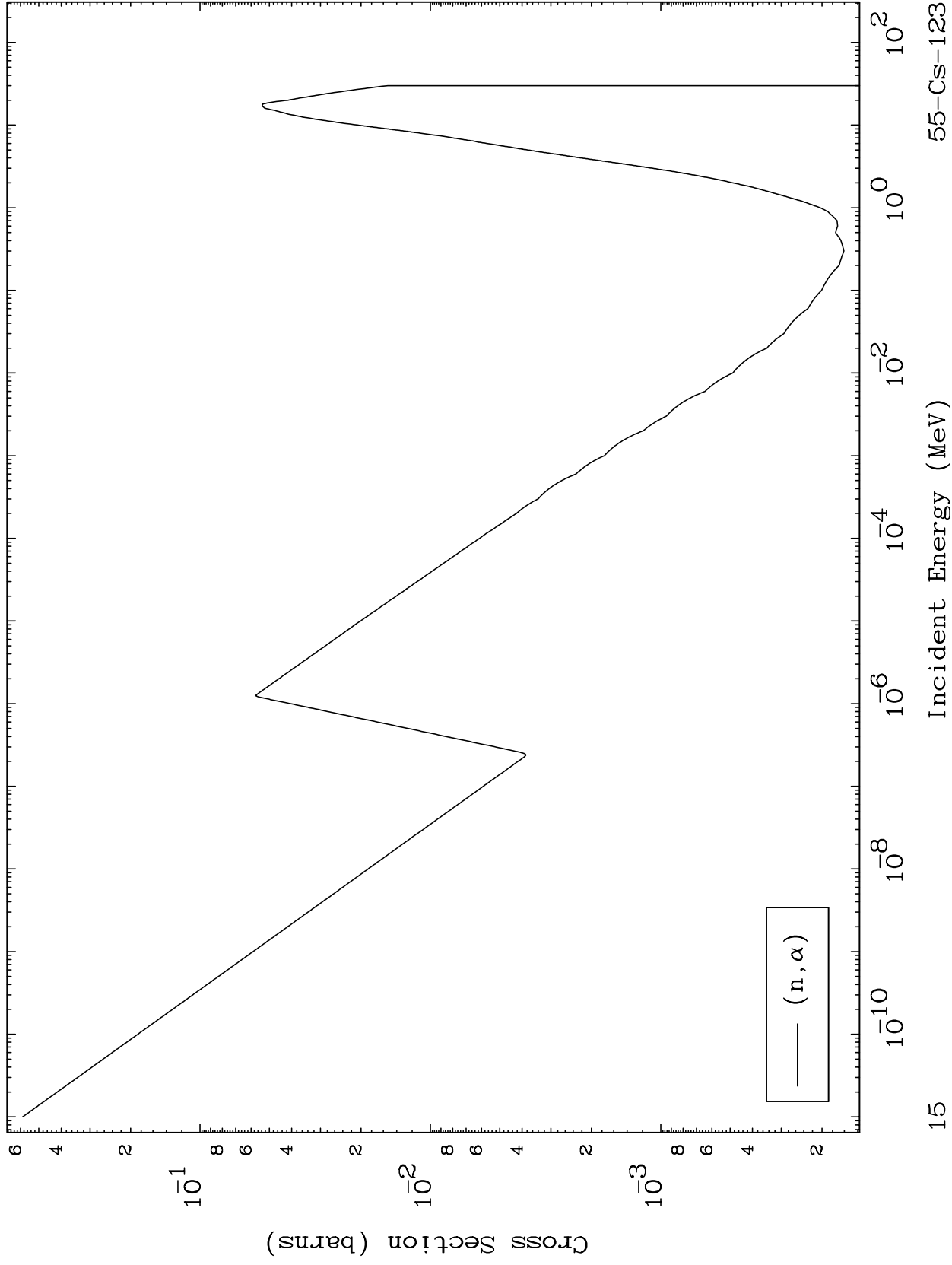
Incident Energy (MeV)

55-Cs-123

MAT 5495

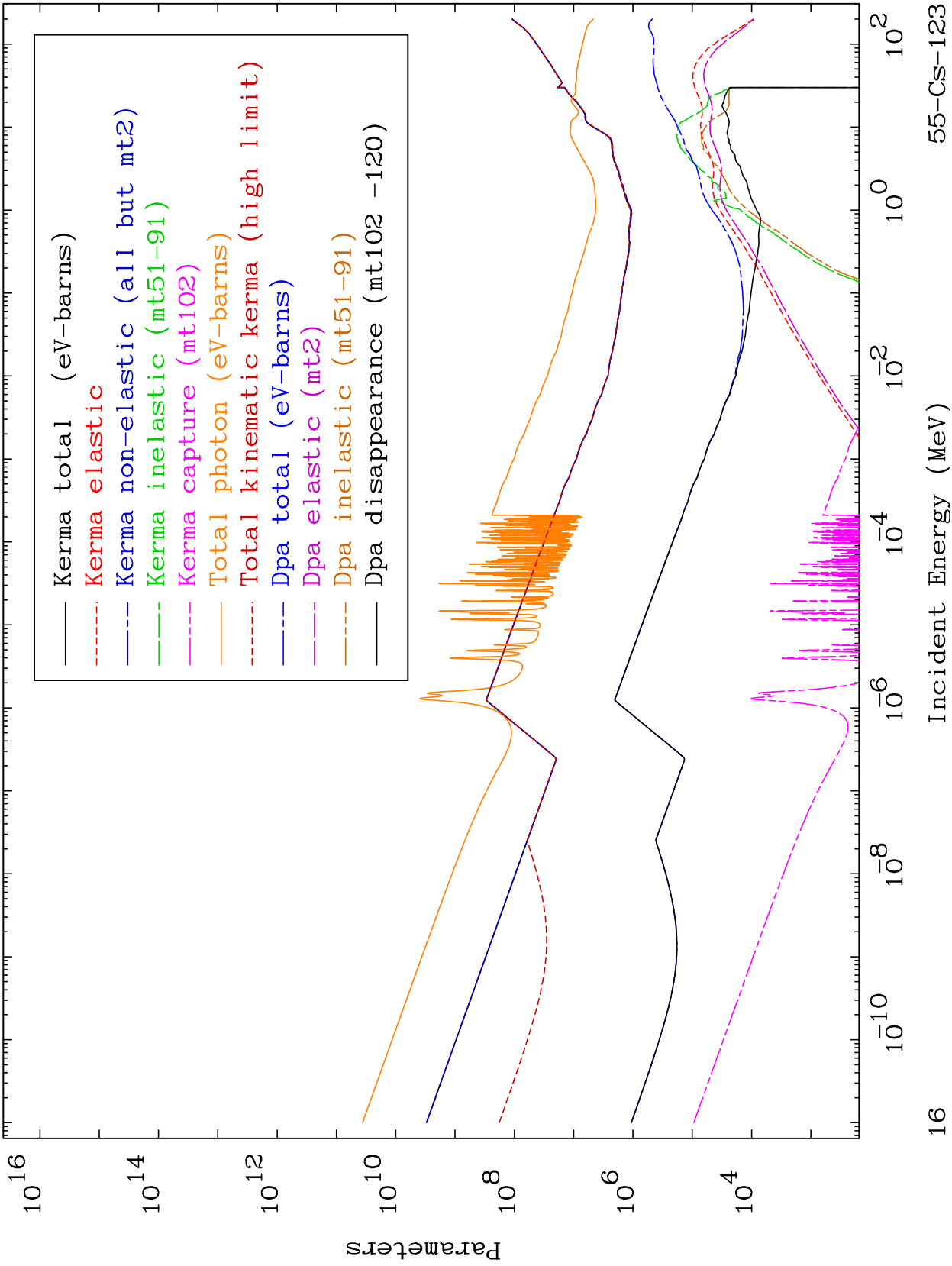
(n,α) Levels
293 Kelvin Cross Sections

55-Cs-123



15

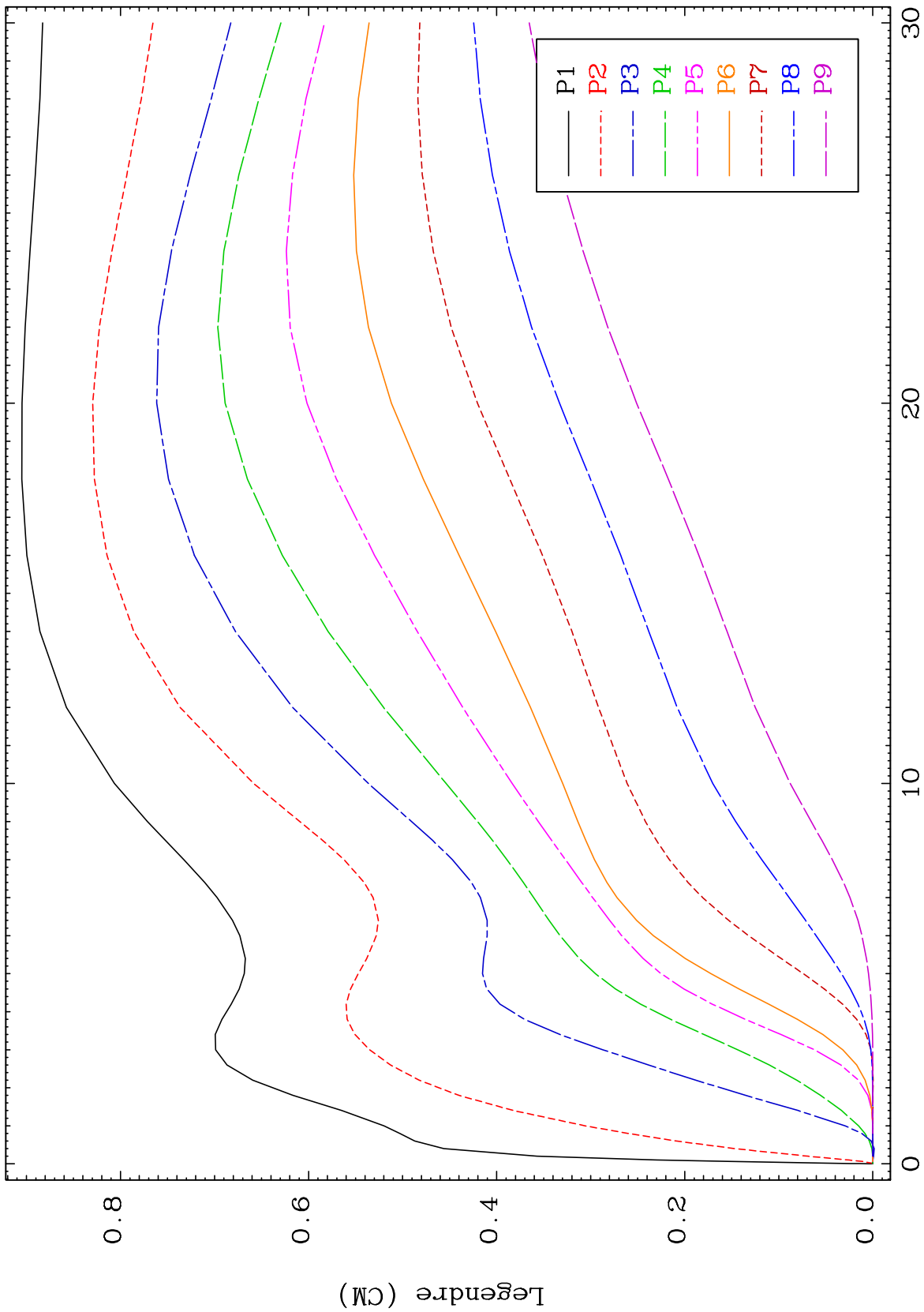
55-Cs-123



MAT 5495

Elastic Legendre Coefficients

55-Cs-123



17

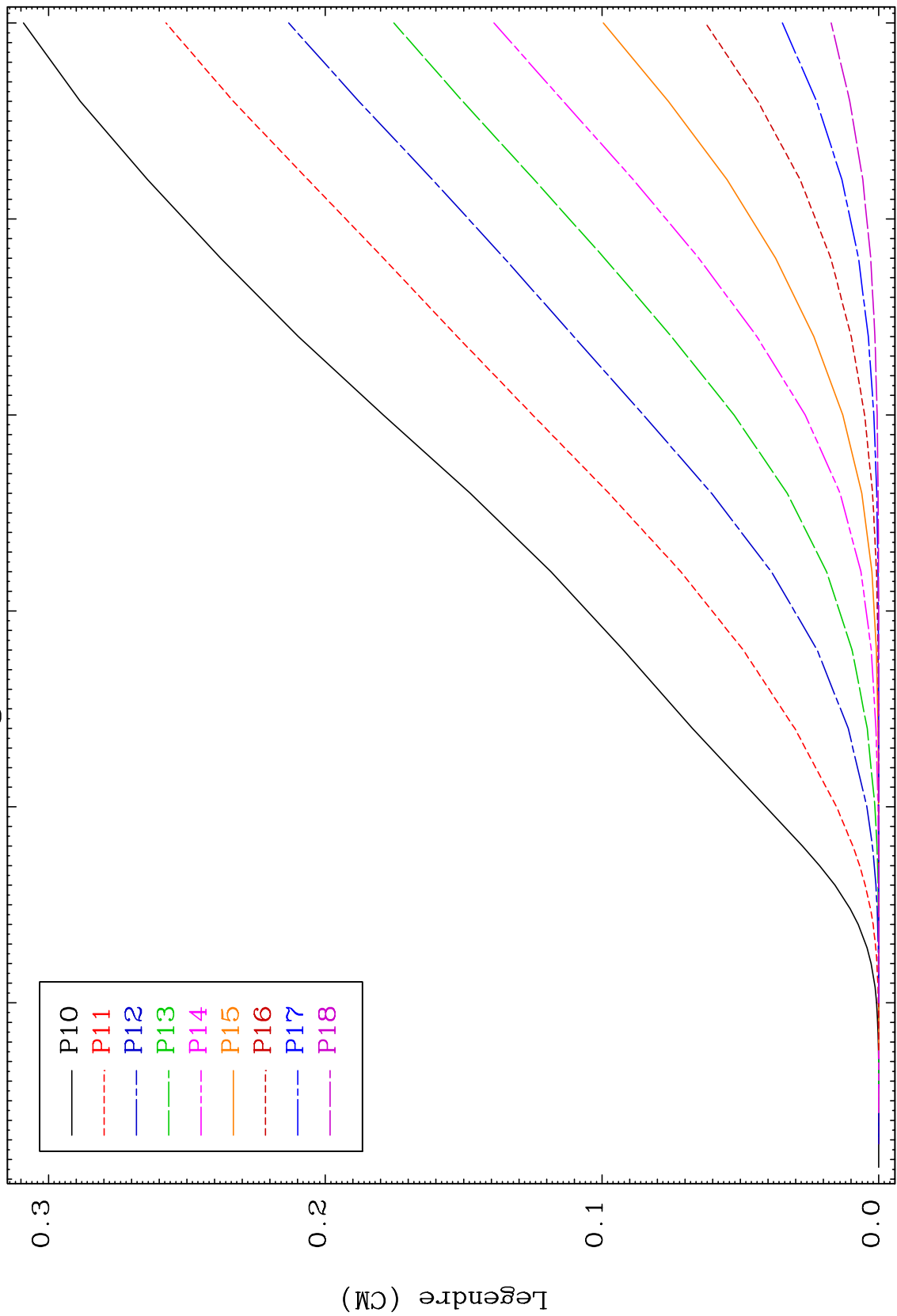
Incident Energy (MeV)

55-Cs-123

MAT 5495

Elastic Legendre Coefficients

55-Cs-123



18

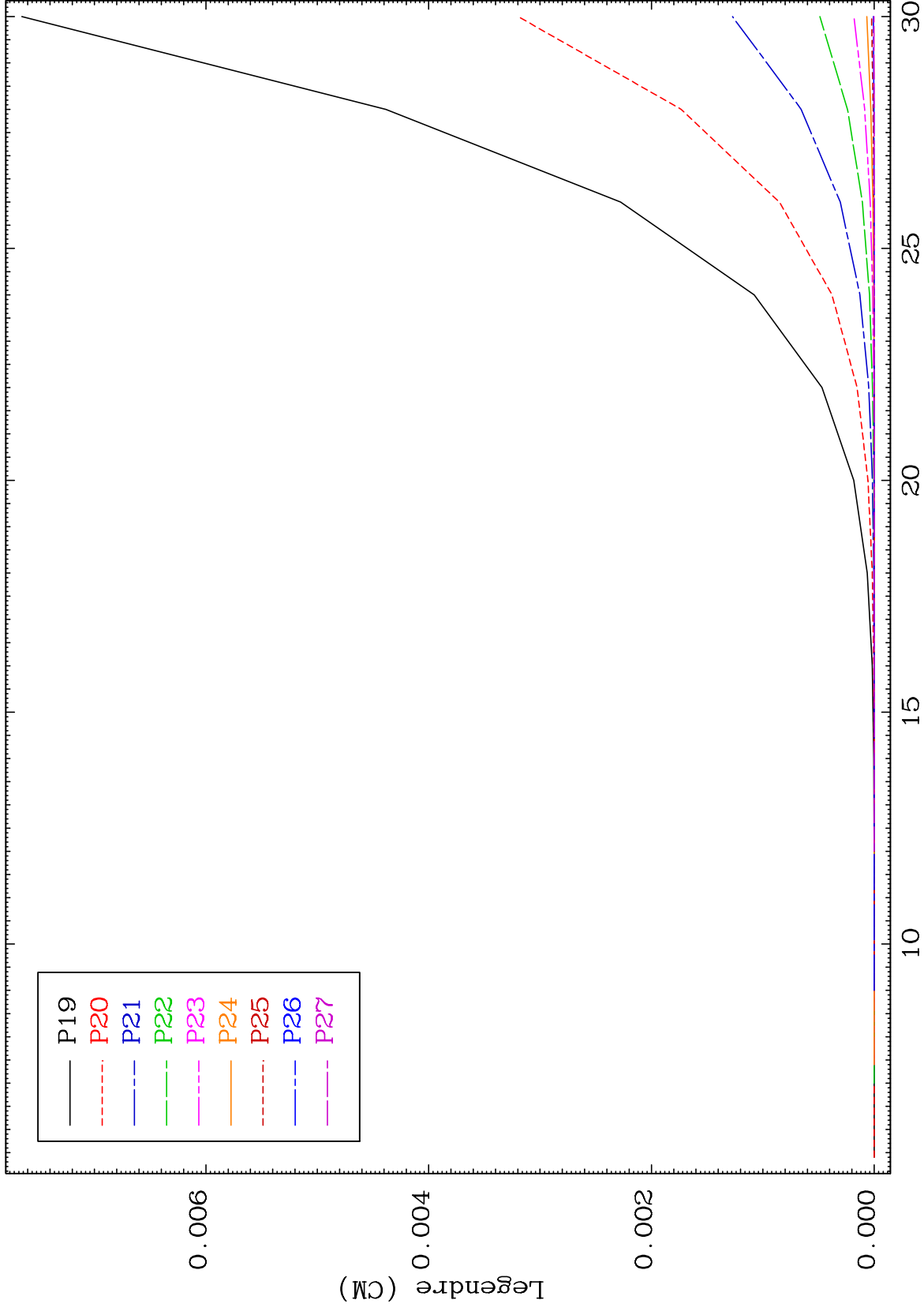
Incident Energy (MeV)

55-Cs-123

MAT 5495

Elastic Legendre Coefficients

55-Cs-123



19

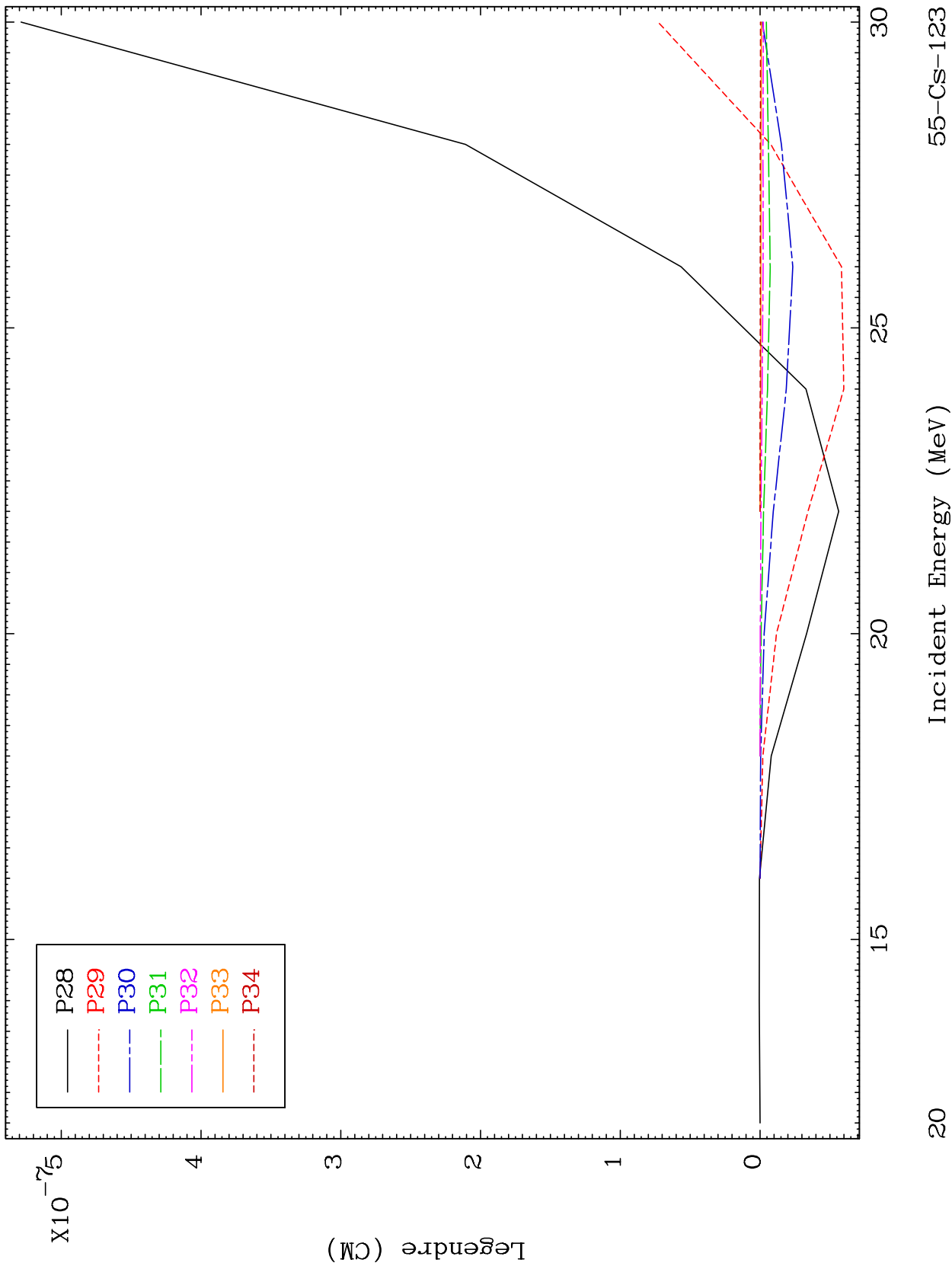
Incident Energy (MeV)

55-Cs-123

MAT 5495

Elastic Legendre Coefficients

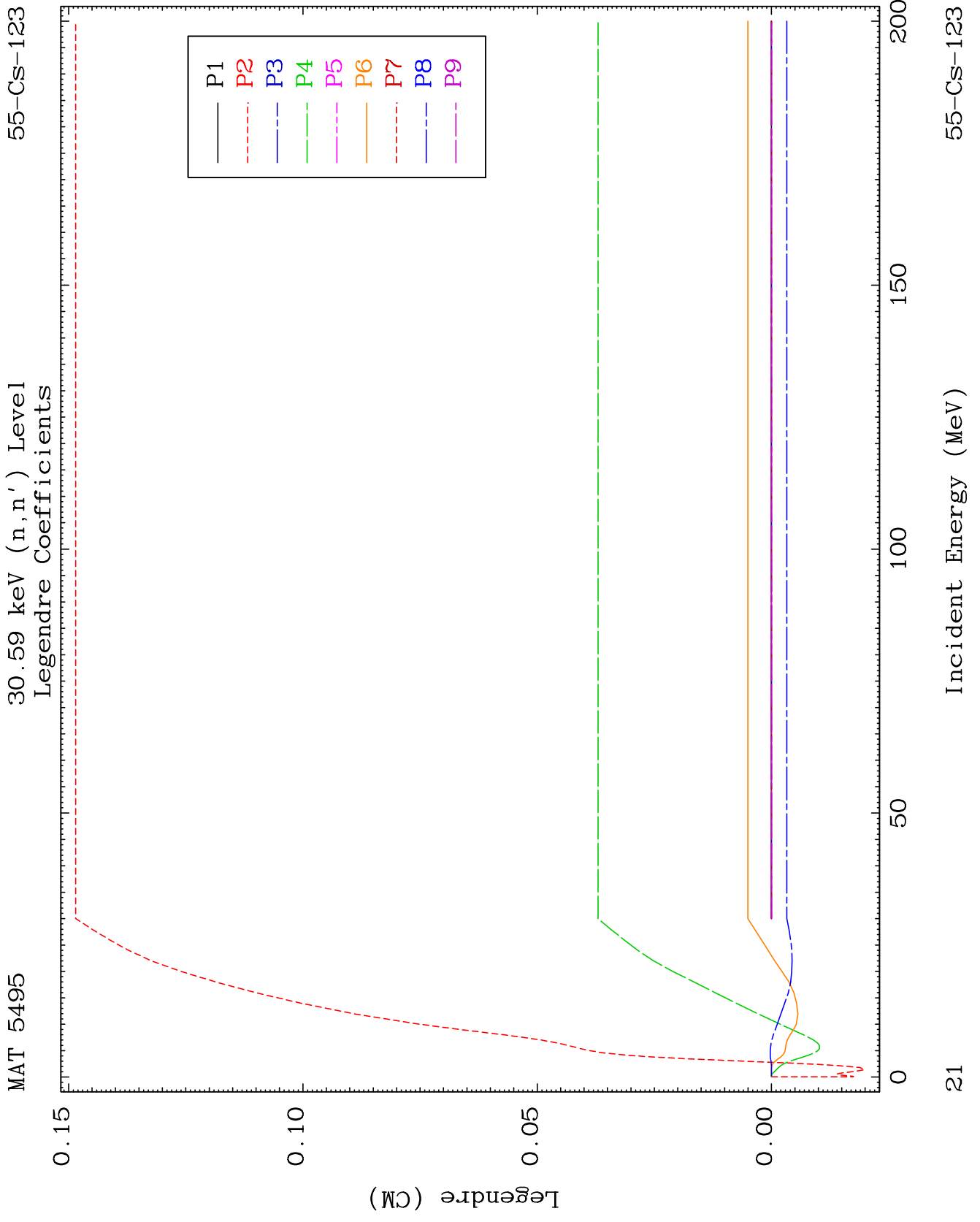
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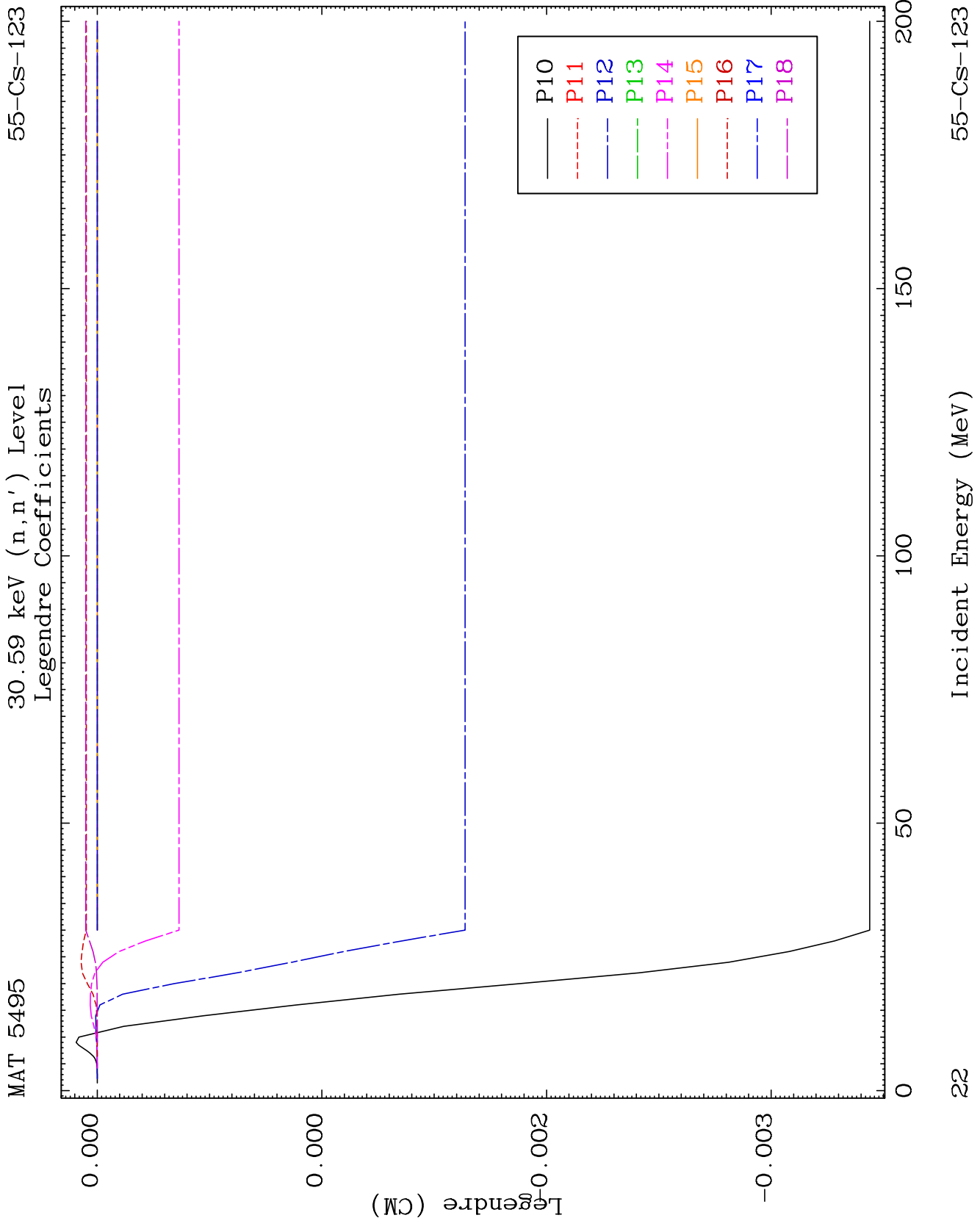


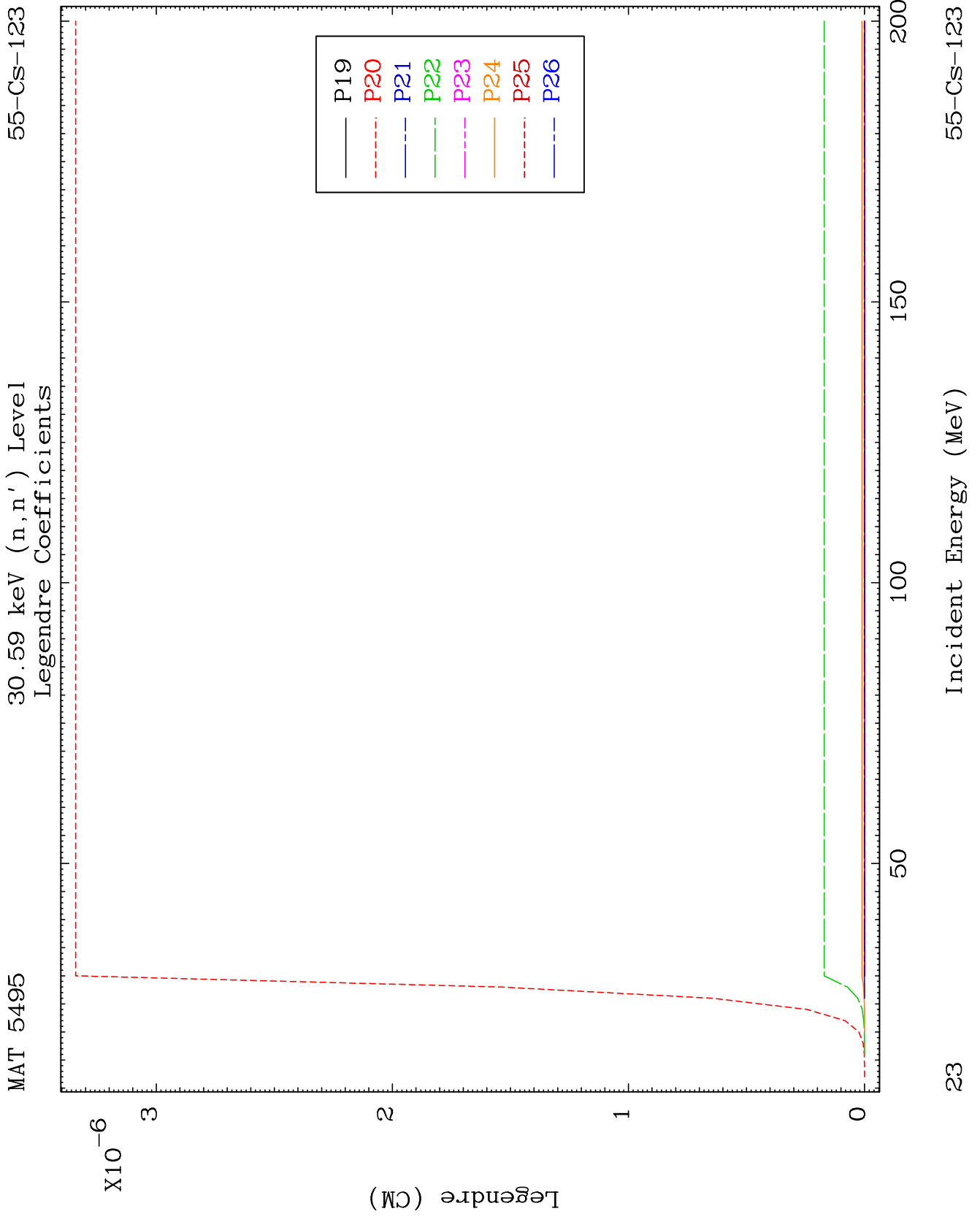
20

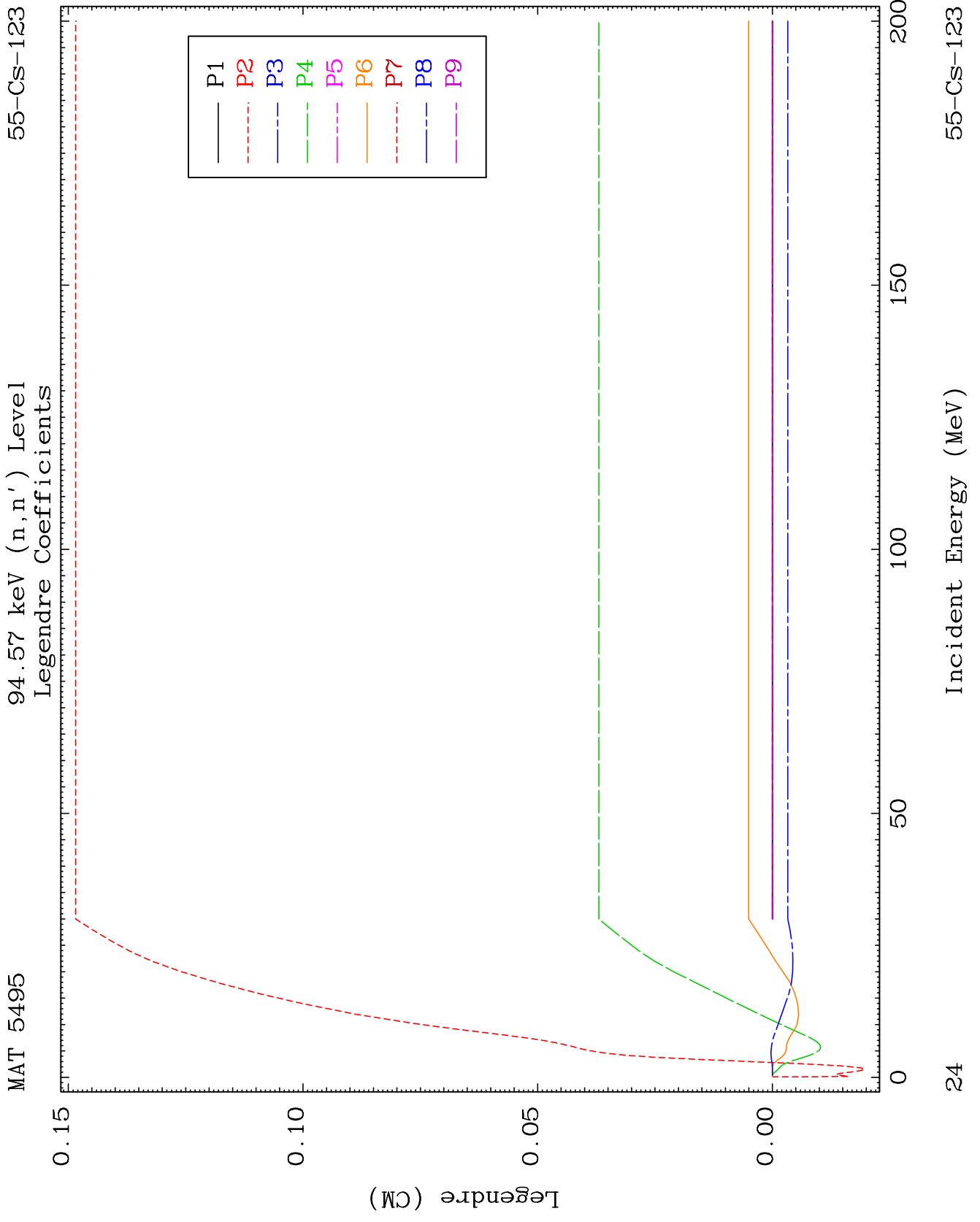
Incident Energy (MeV)

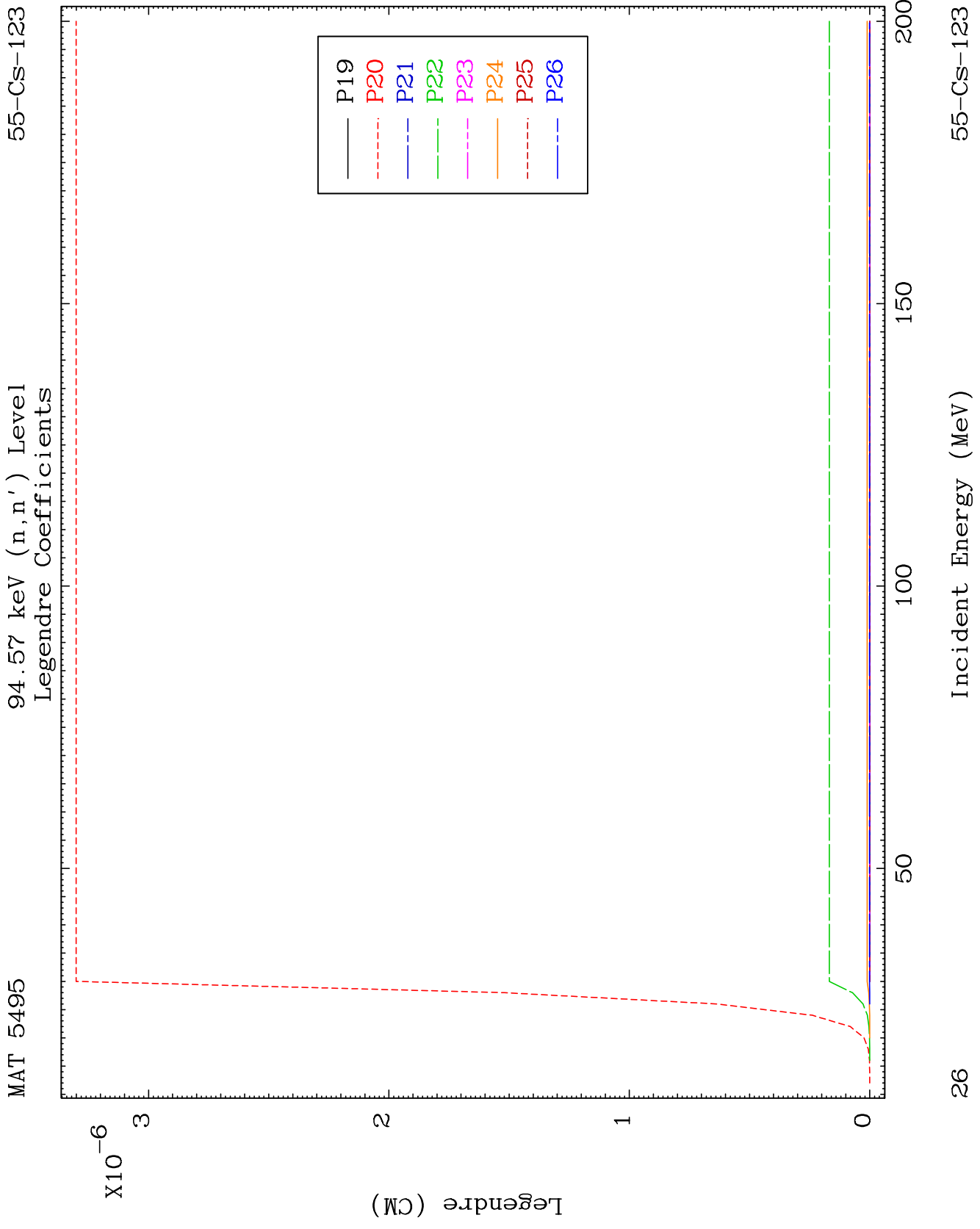
55-Cs-123







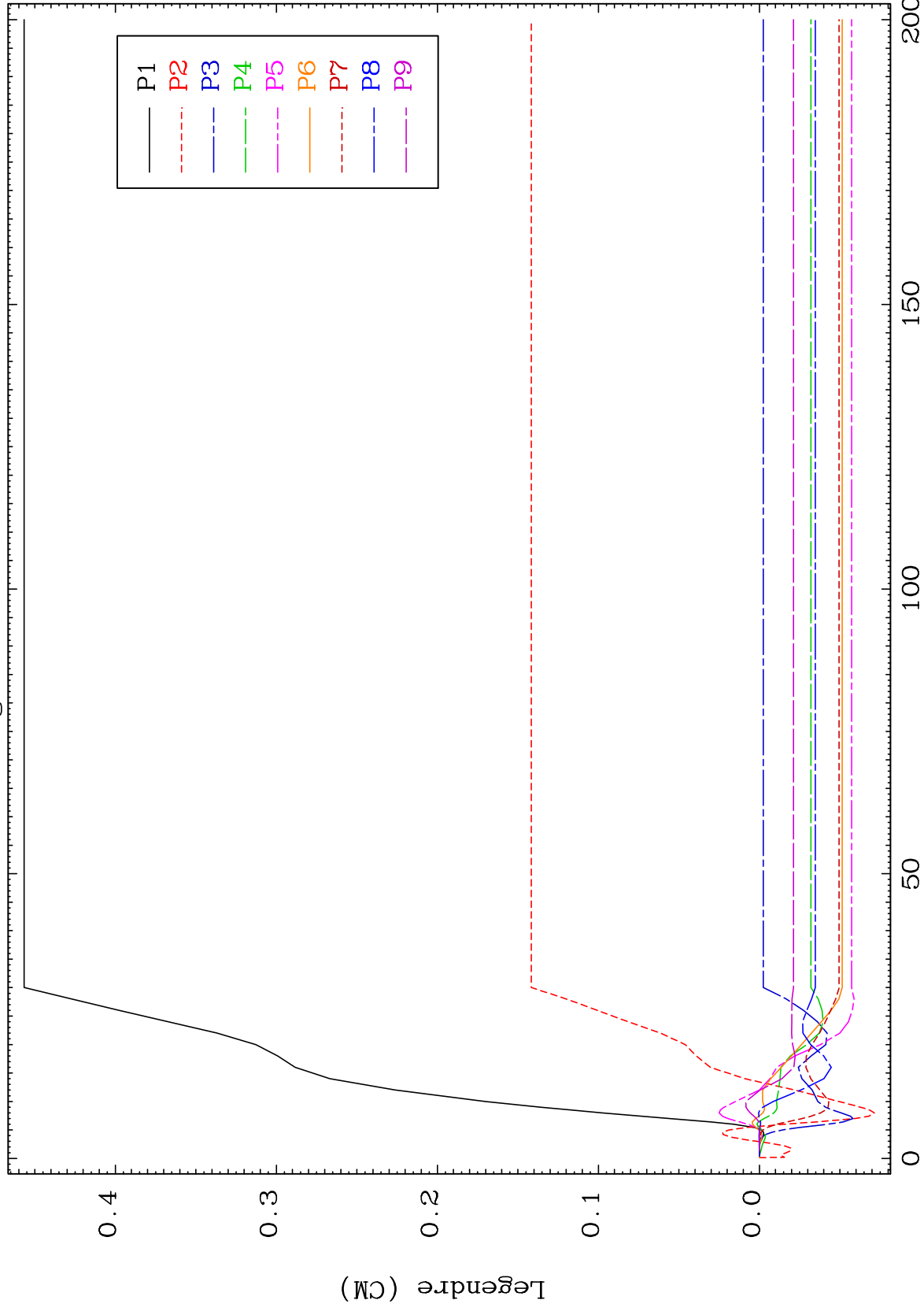




MAT 5495

123.5 keV (n,n') Level
Legendre Coefficients

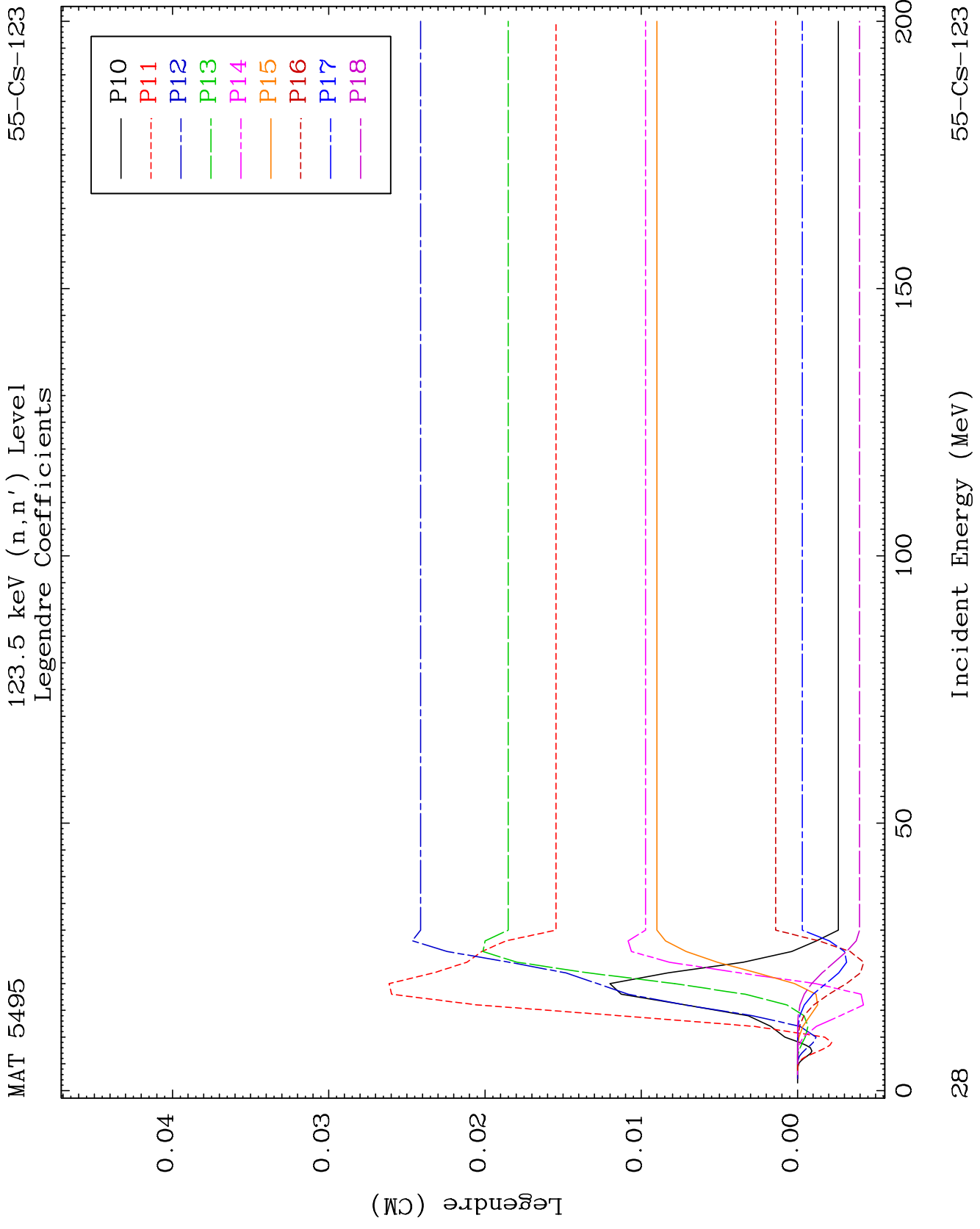
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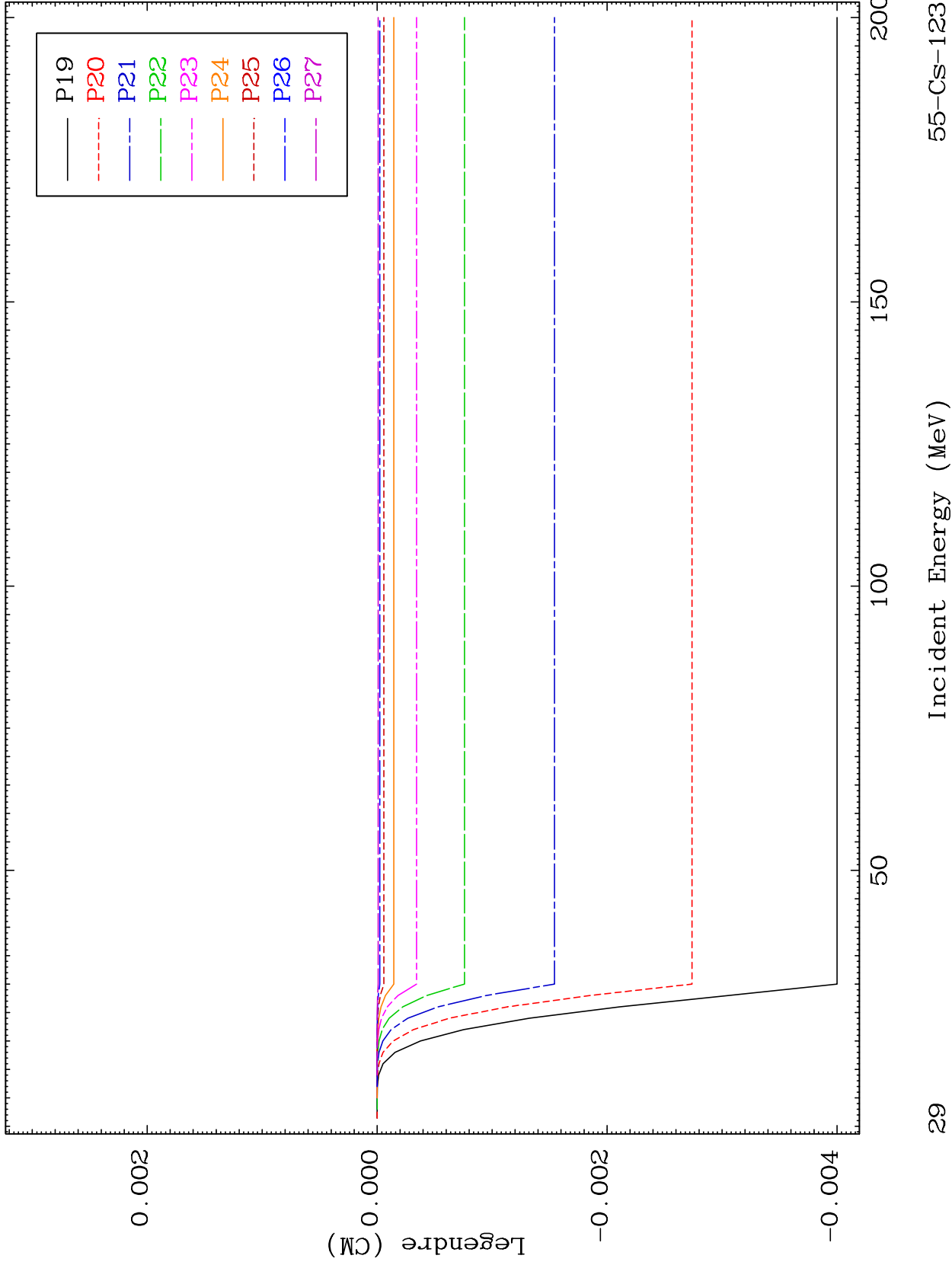


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Incident Energy (MeV)

55-Cs-123

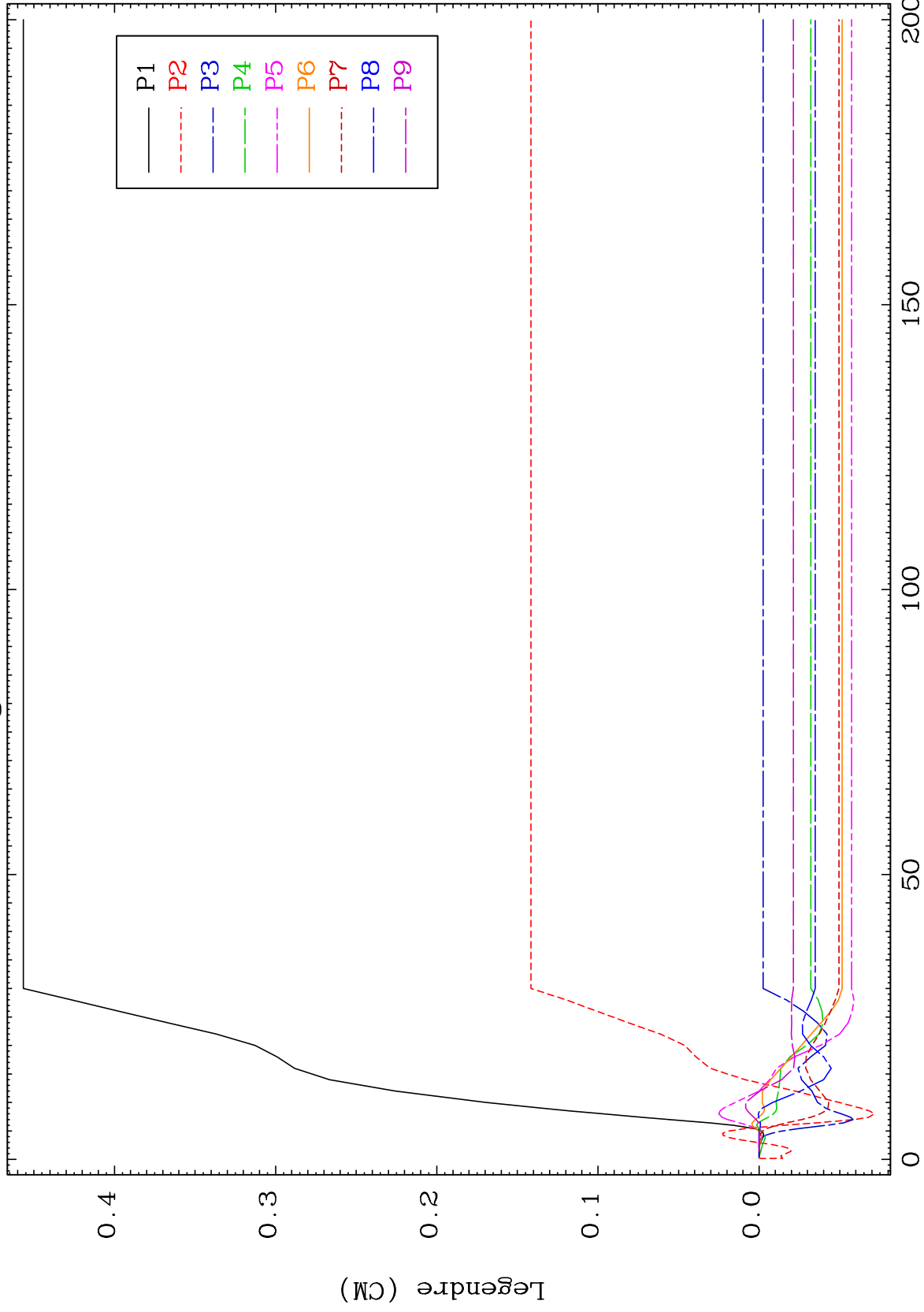




MAT 5495

146.8 keV (n,n') Level
Legendre Coefficients

55-Cs-123



31

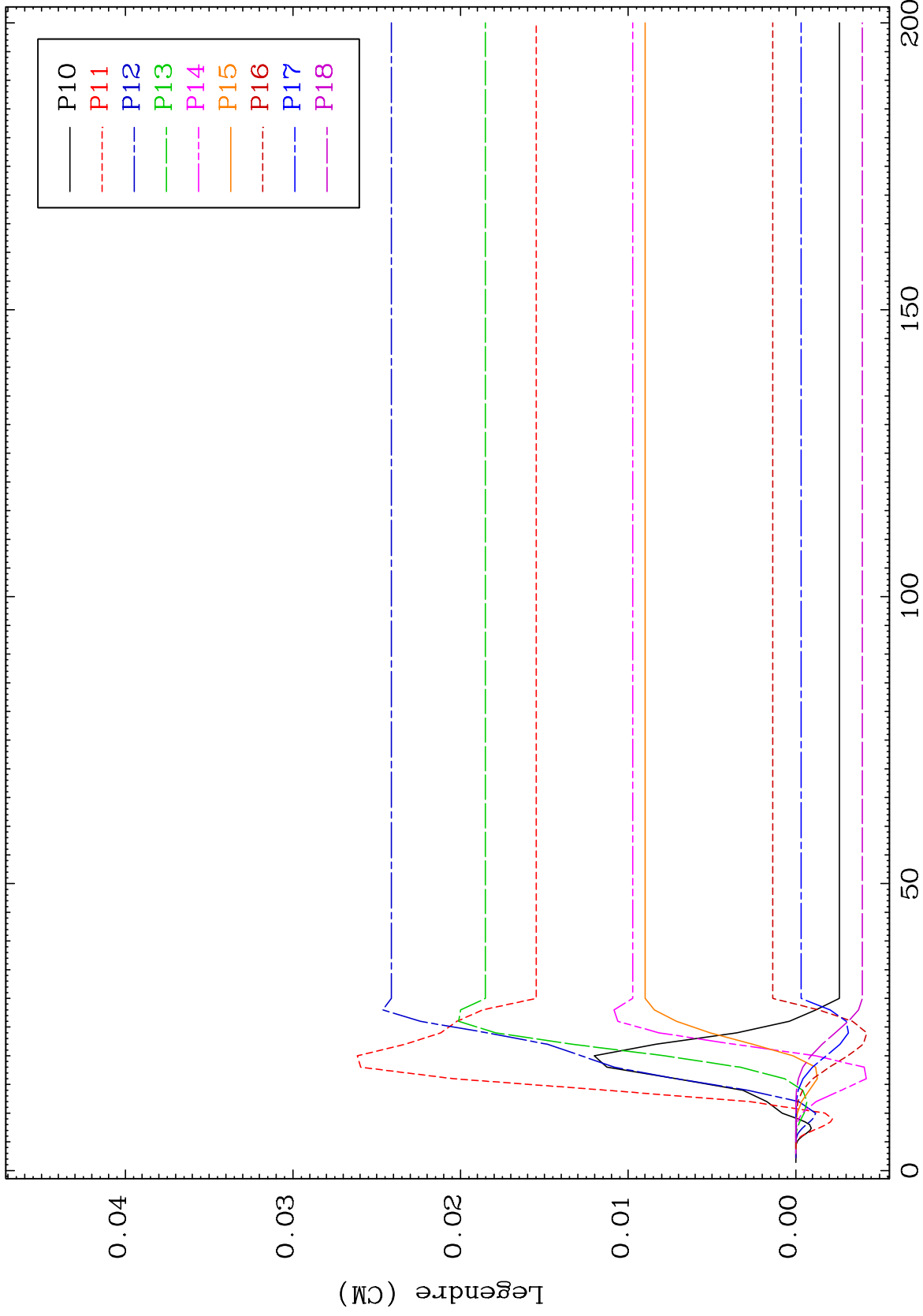
Incident Energy (MeV)

55-Cs-123

MAT 5495

146.8 keV (n,n') Level
Legendre Coefficients

55-Cs-123



32

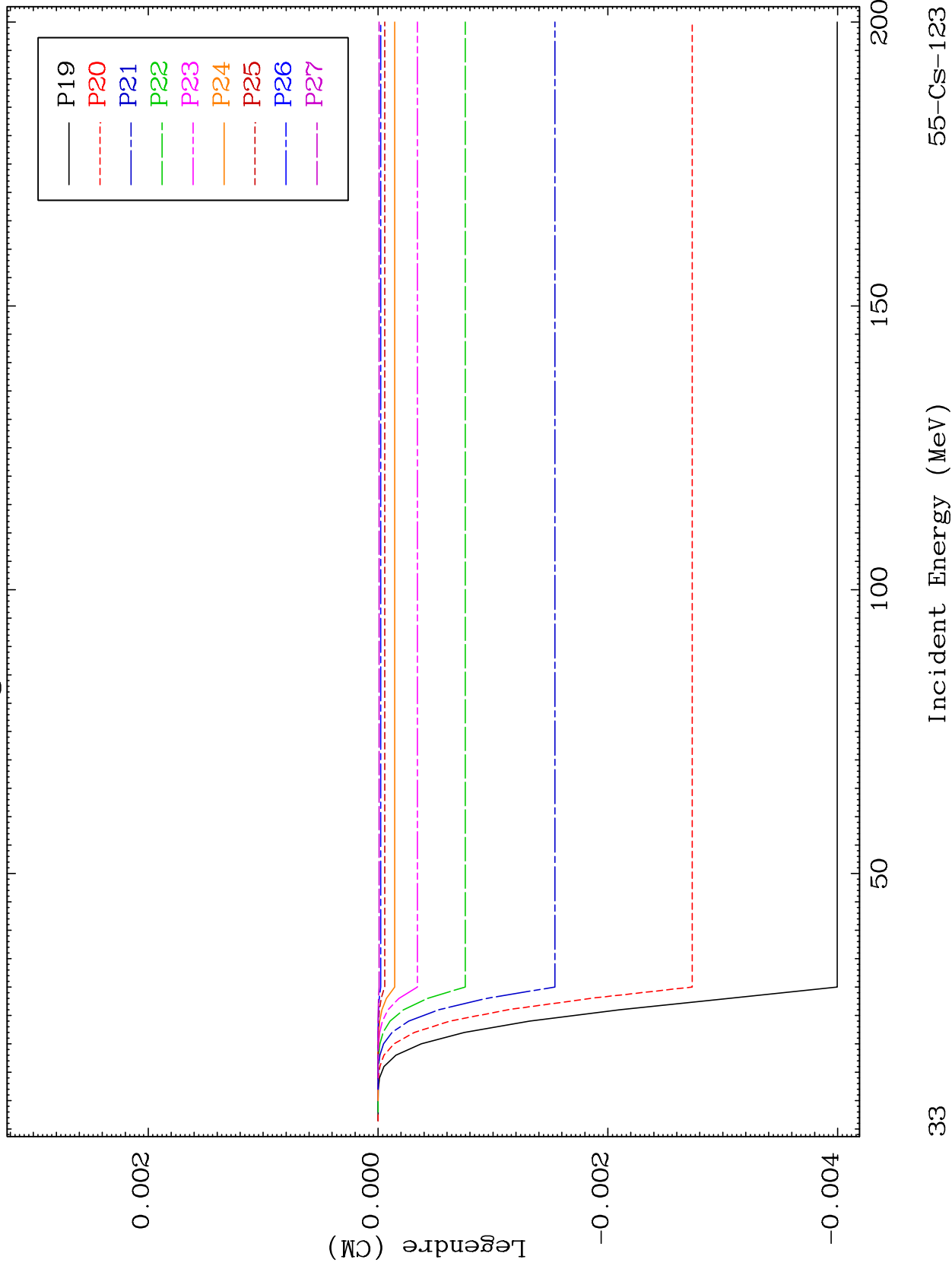
Incident Energy (MeV)

55-Cs-123

MAT 5495

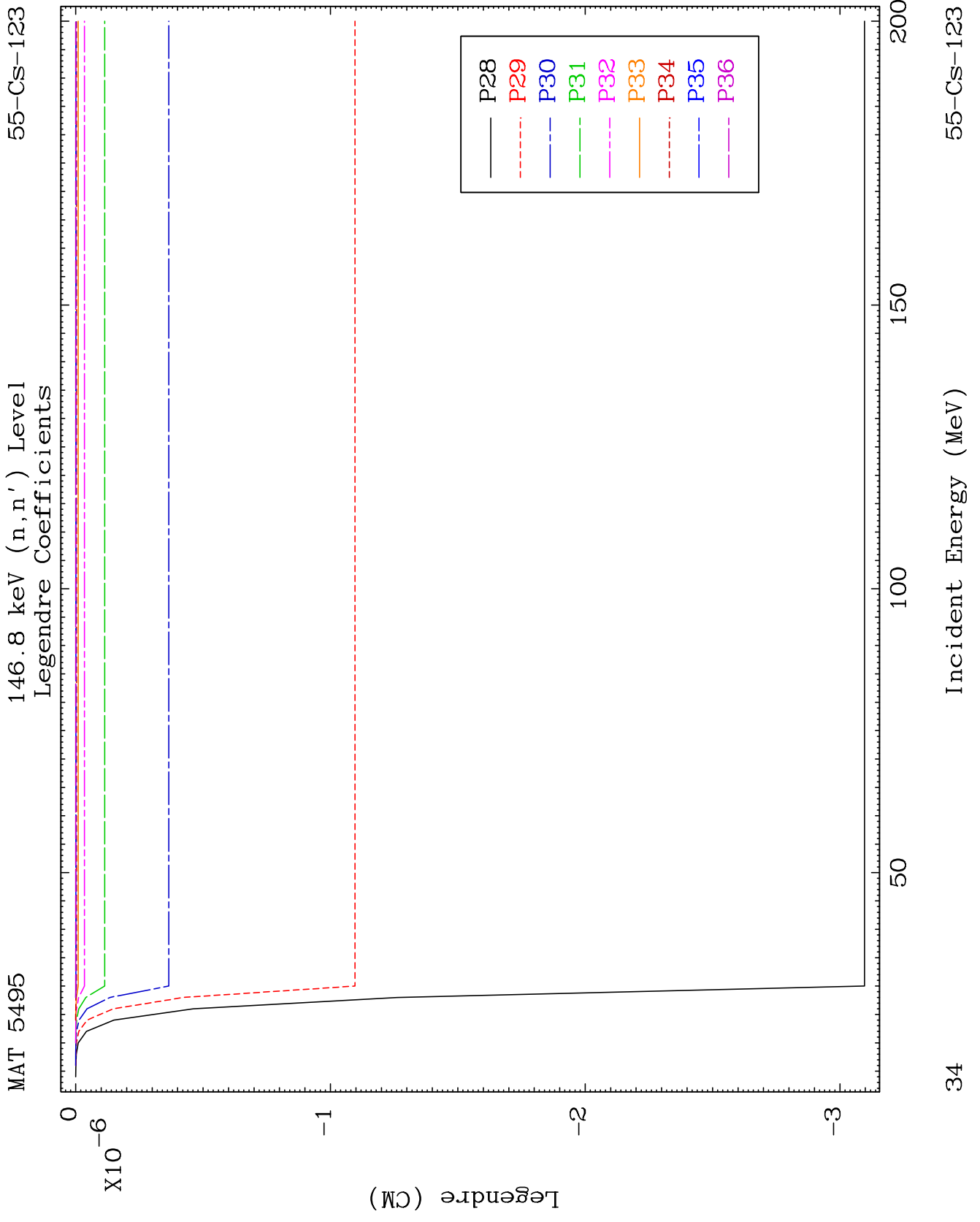
146.8 keV (n,n') Level
Legendre Coefficients

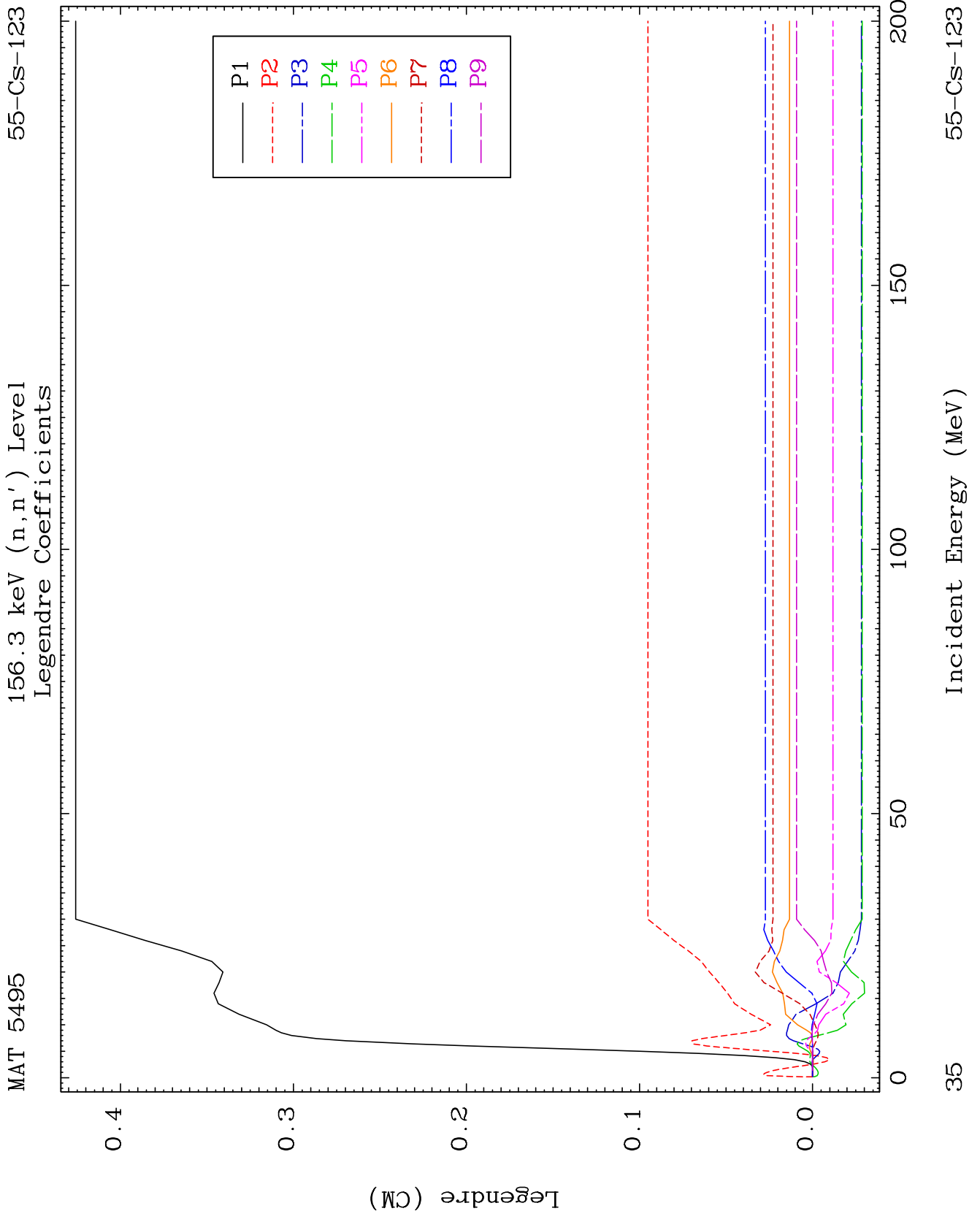
55-Cs-123



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55-Cs-123

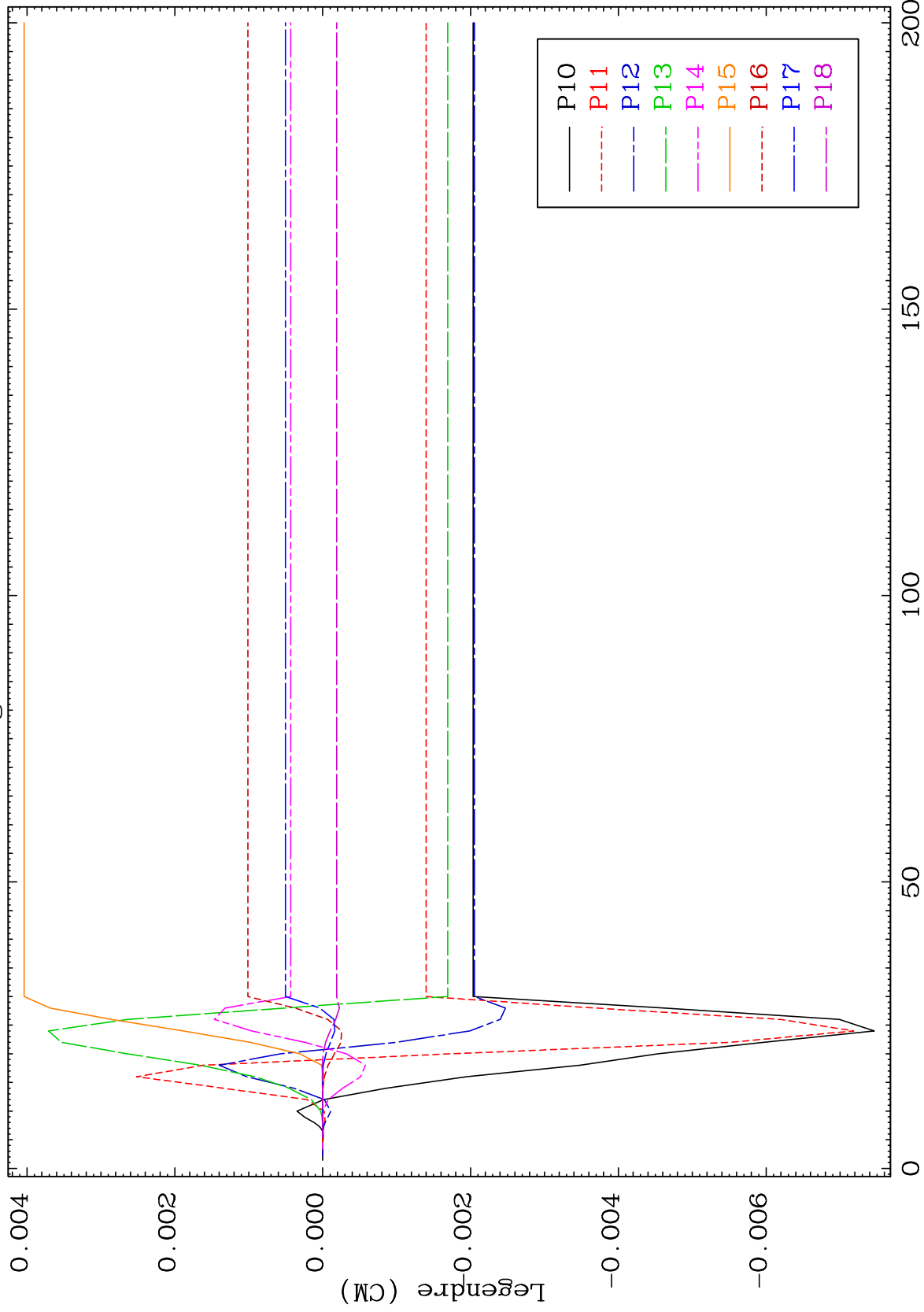




MAT 5495

156.3 keV (n,n') Level
Legendre Coefficients

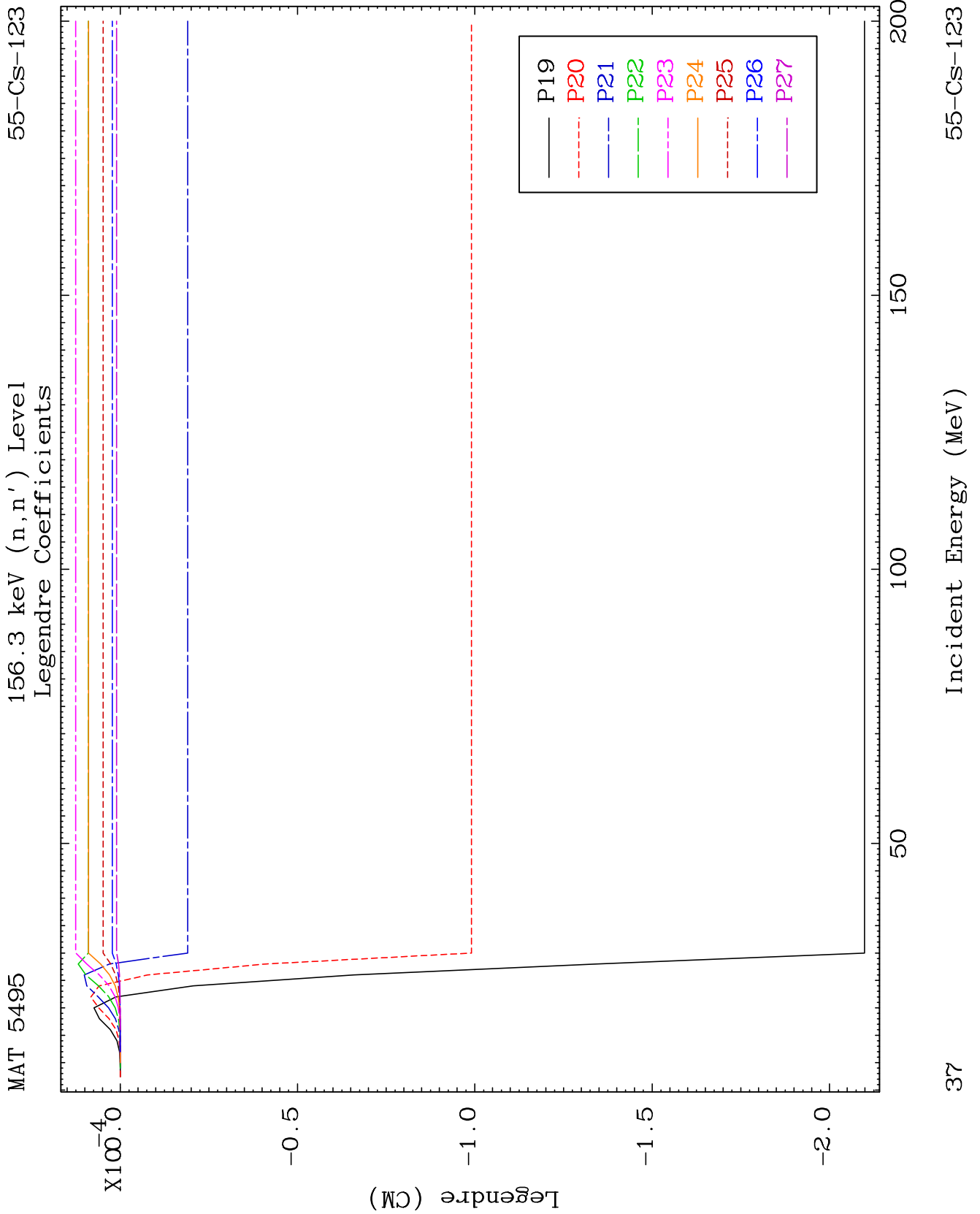
55-Cs-123



36

Incident Energy (MeV)

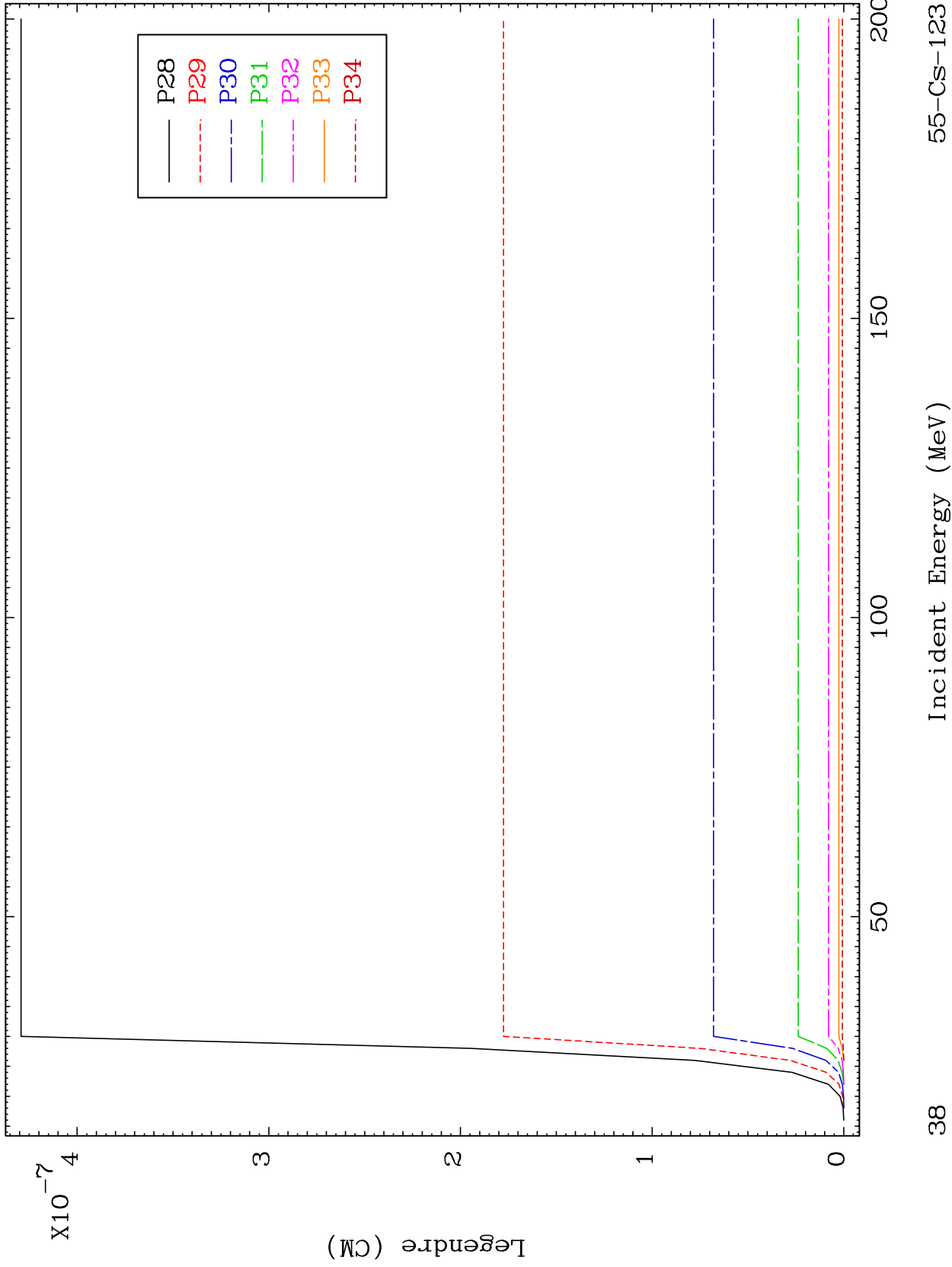
55-Cs-123



MAT 5495

156.3 keV (n,n') Level
Legendre Coefficients

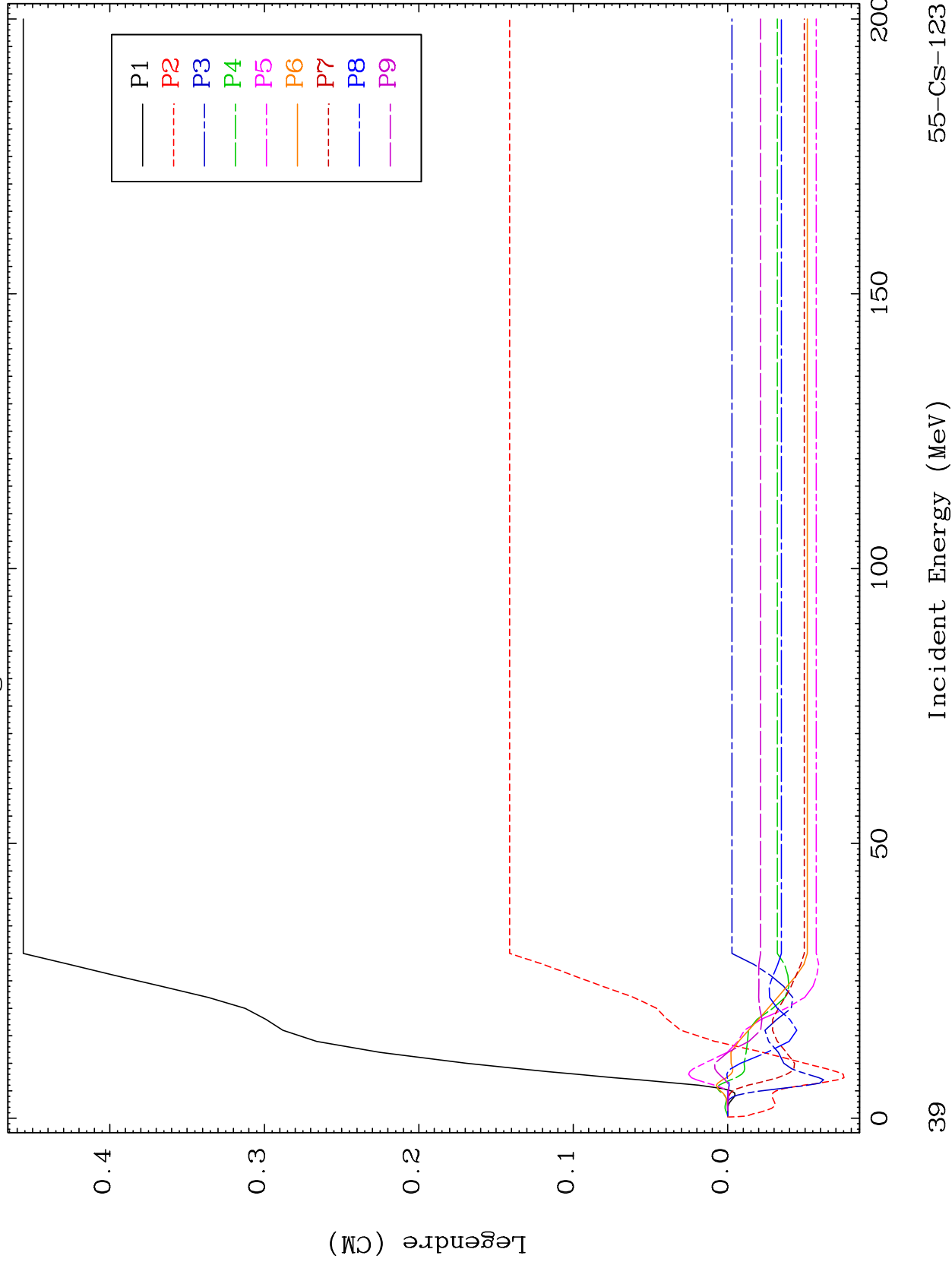
55-Cs-123



MAT 5495

214.6 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

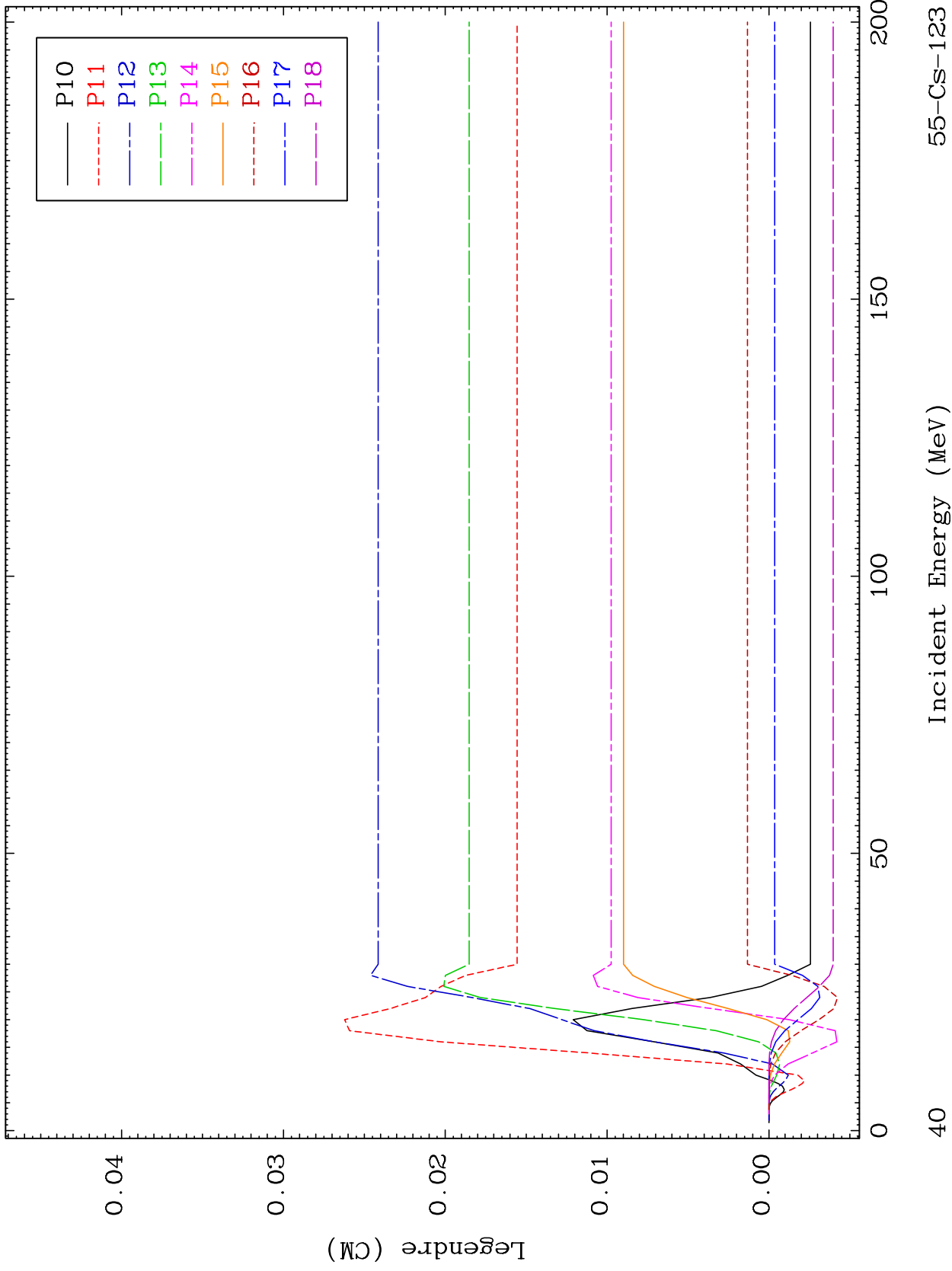
Incident Energy (MeV)

39

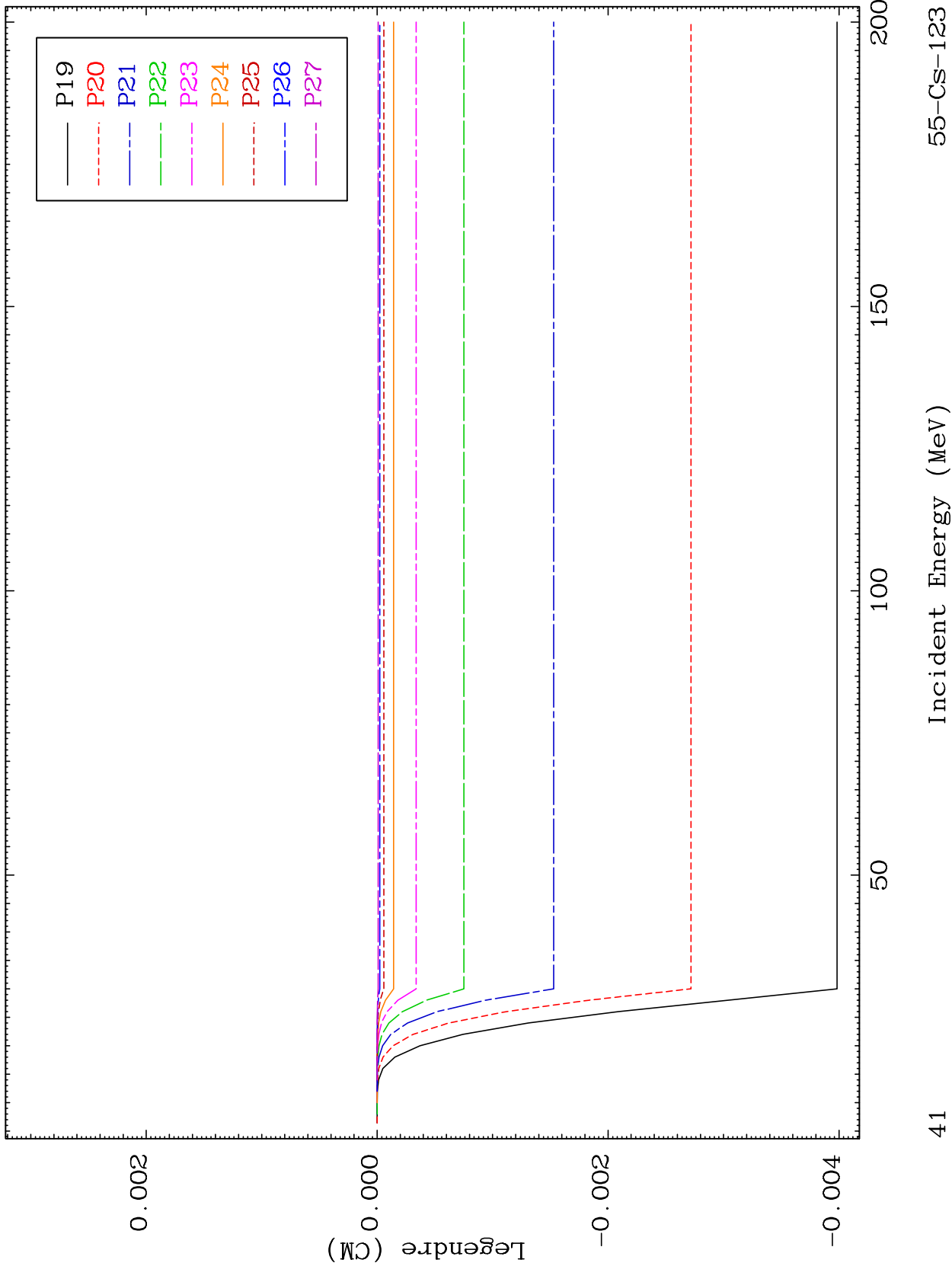
MAT 5495

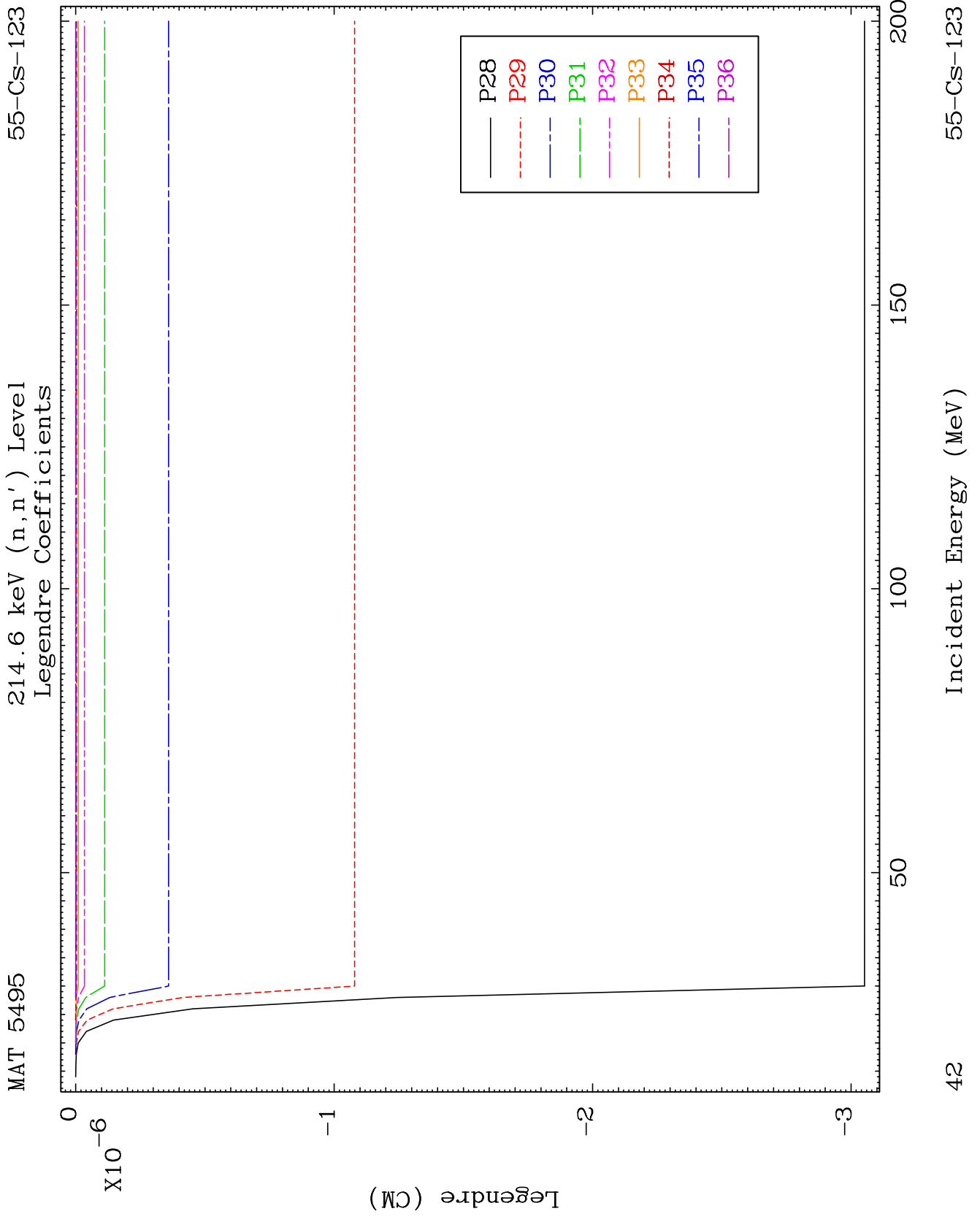
214.6 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

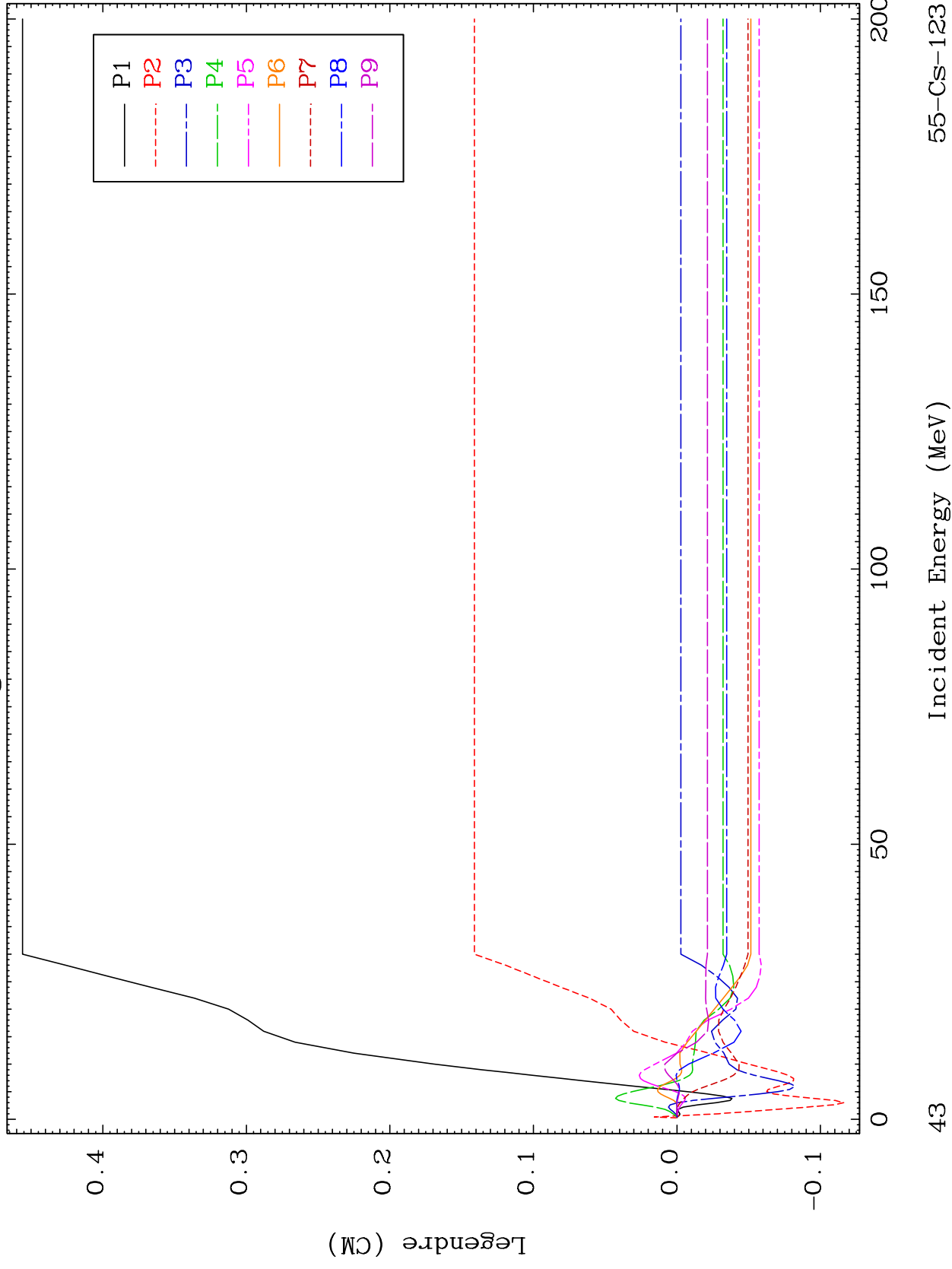




MAT 5495

231.6 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

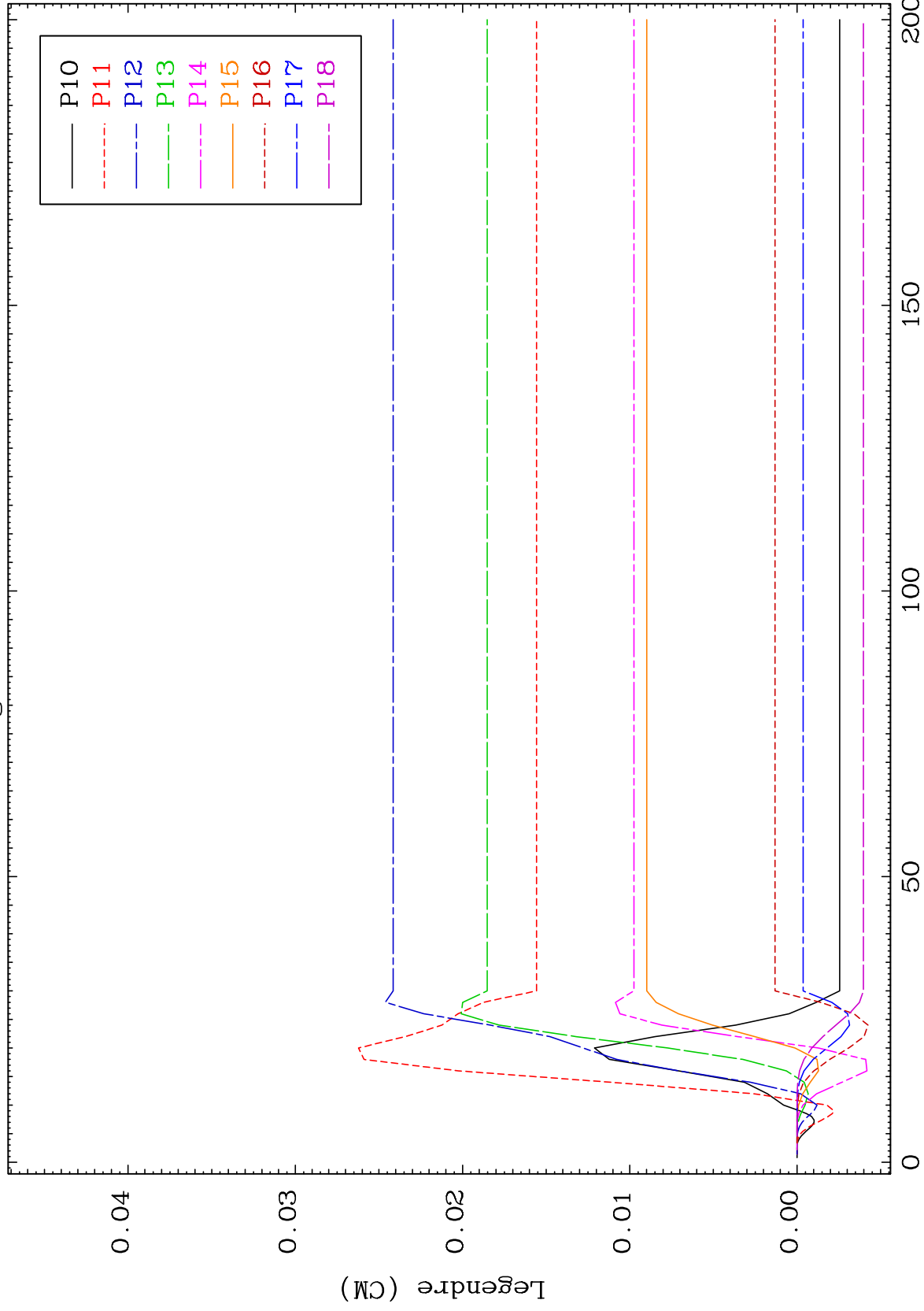
Incident Energy (MeV)

43

MAT 5495

231.6 keV (n,n') Level
Legendre Coefficients

55-Cs-123



44

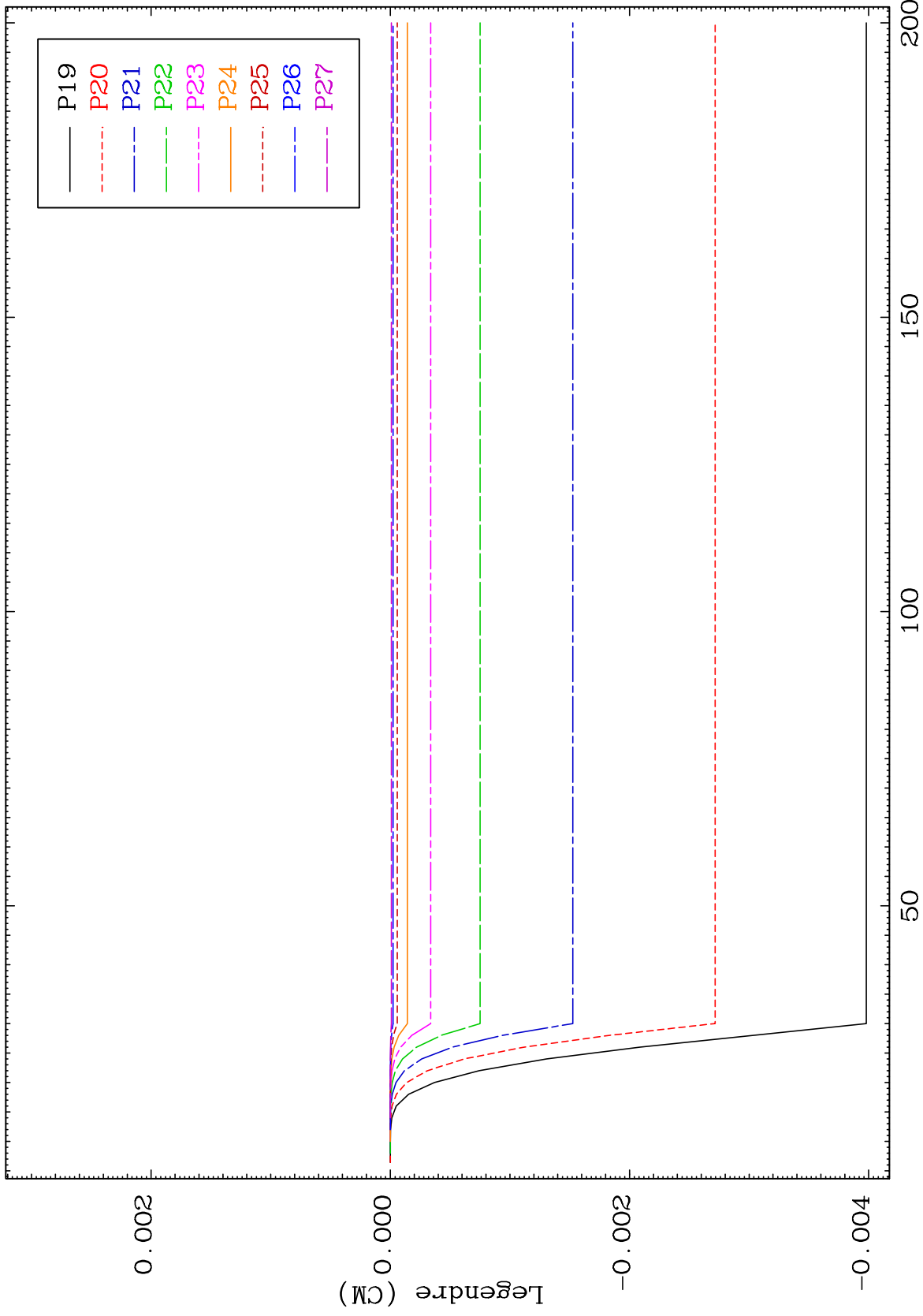
Incident Energy (MeV)

55-Cs-123

MAT 5495

231.6 keV (n,n') Level
Legendre Coefficients

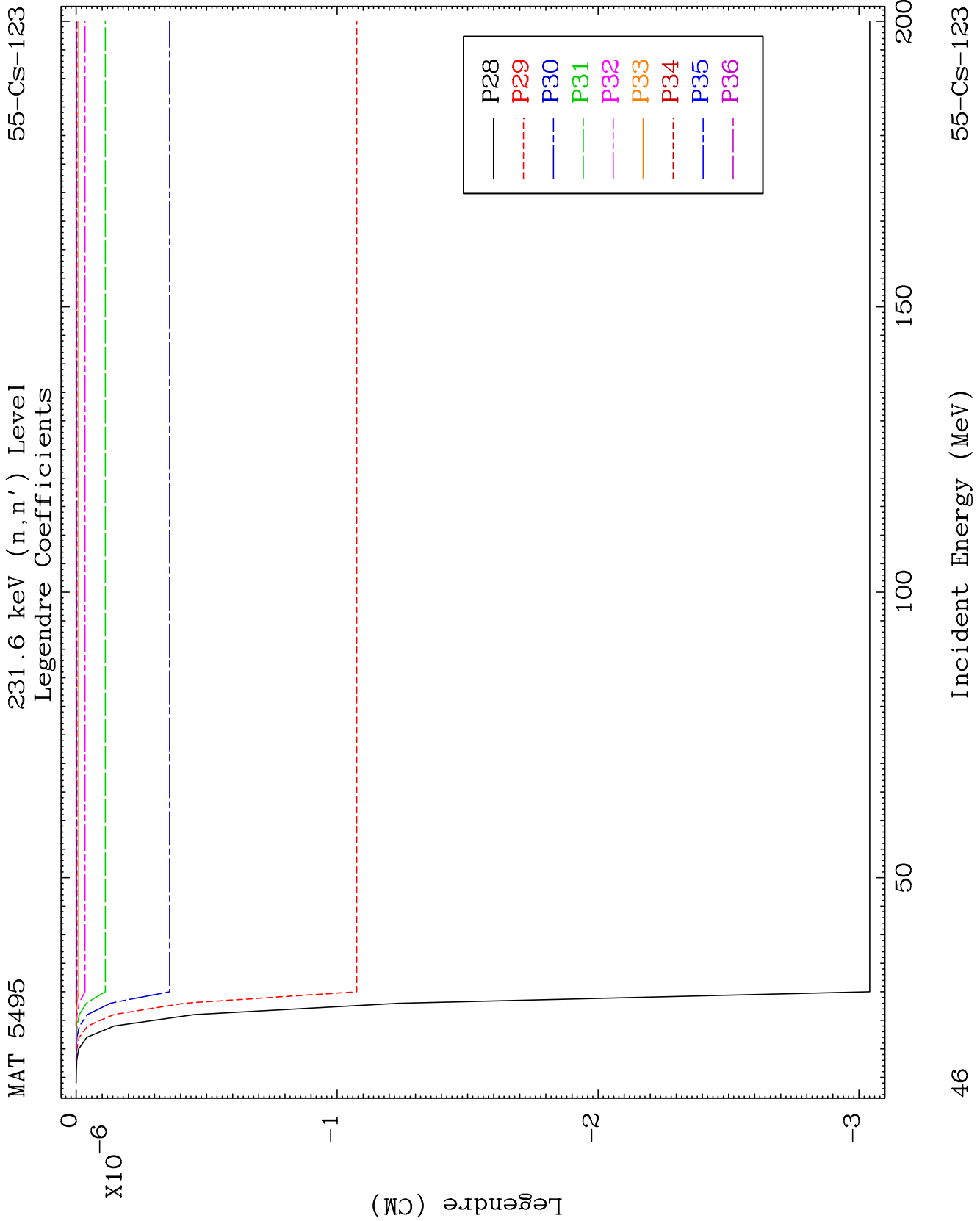
55-Cs-123



45

Incident Energy (MeV)

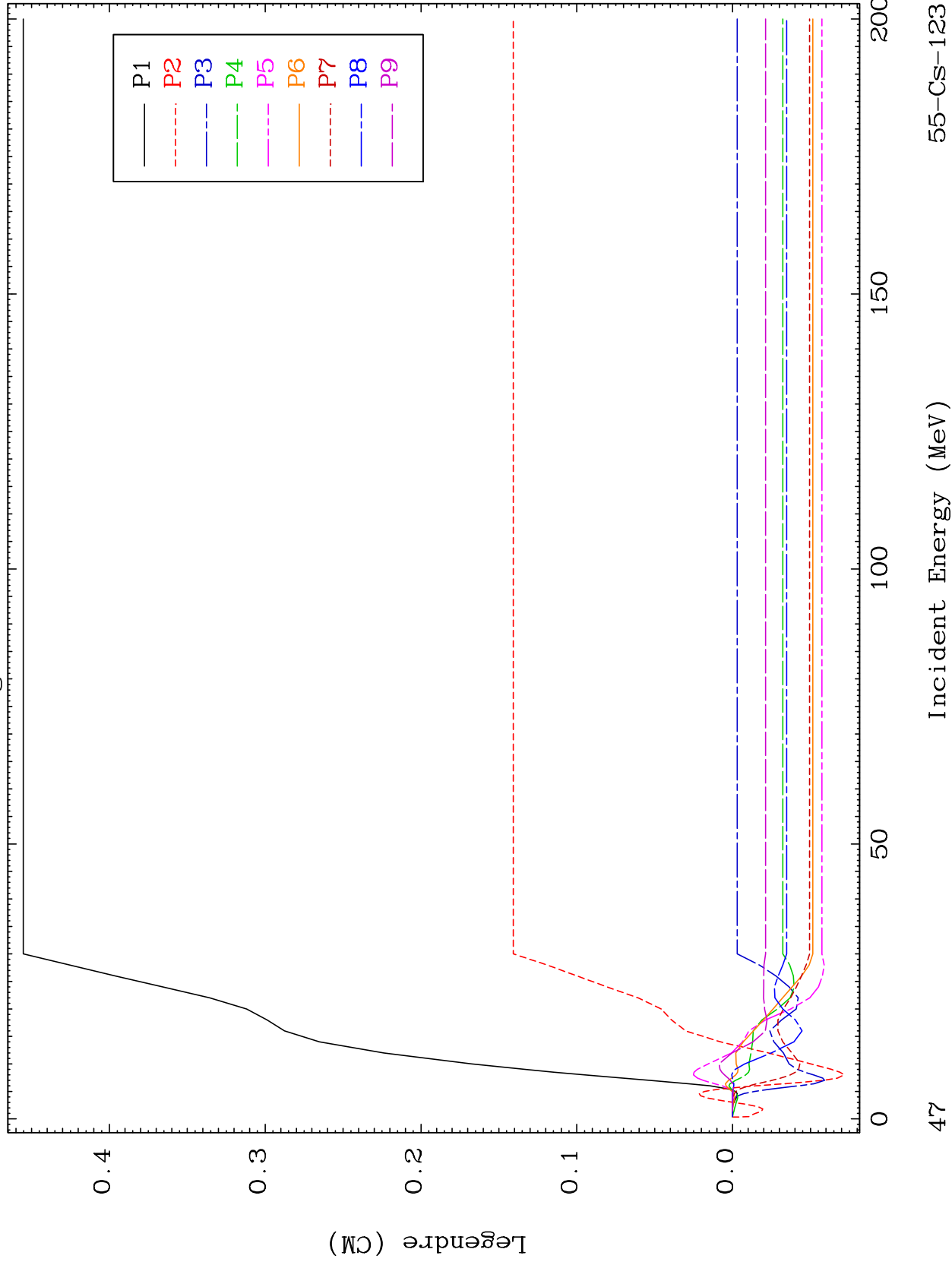
55-Cs-123



MAT 5495

328.1 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

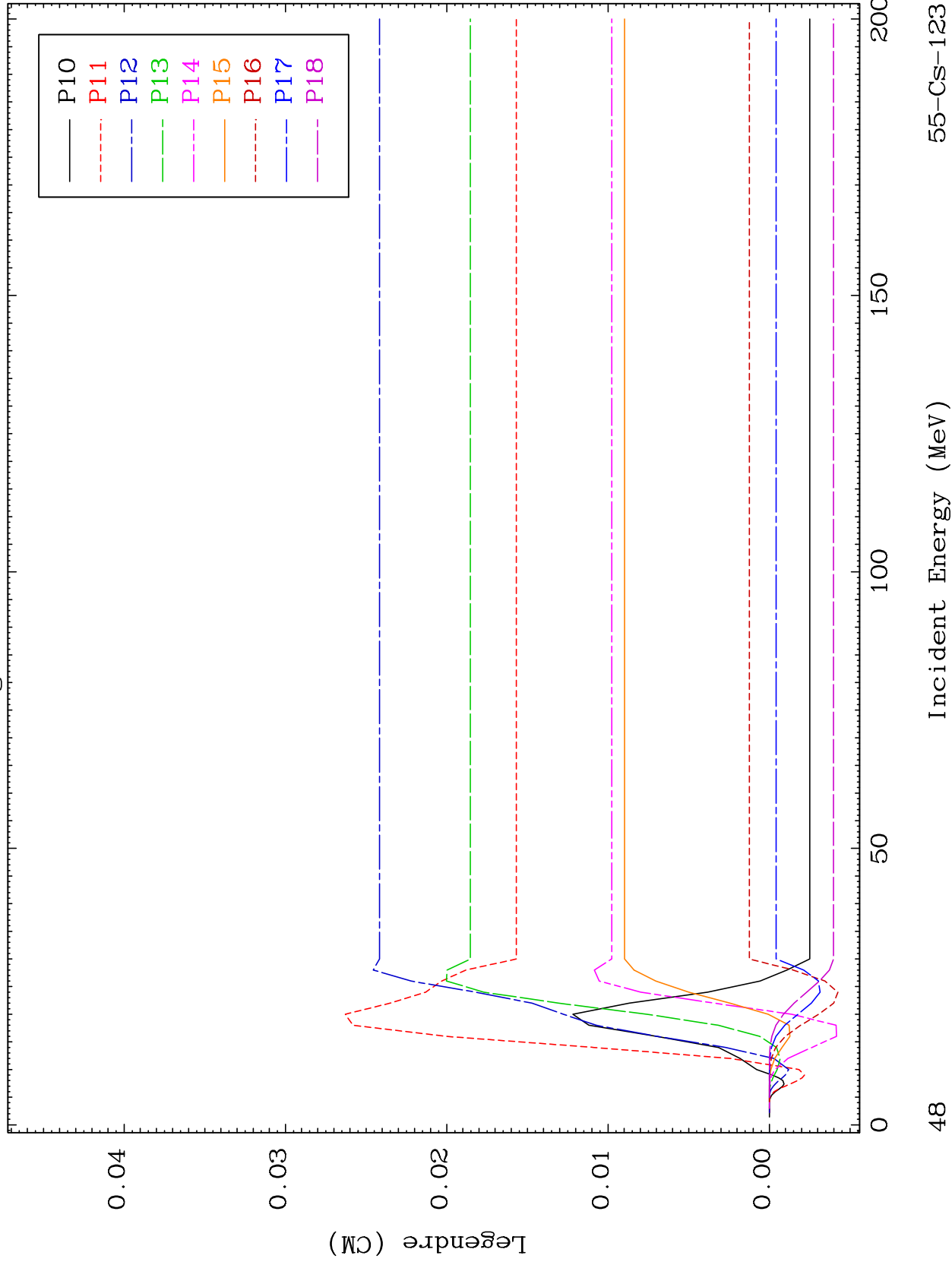
Incident Energy (MeV)

47

MAT 5495

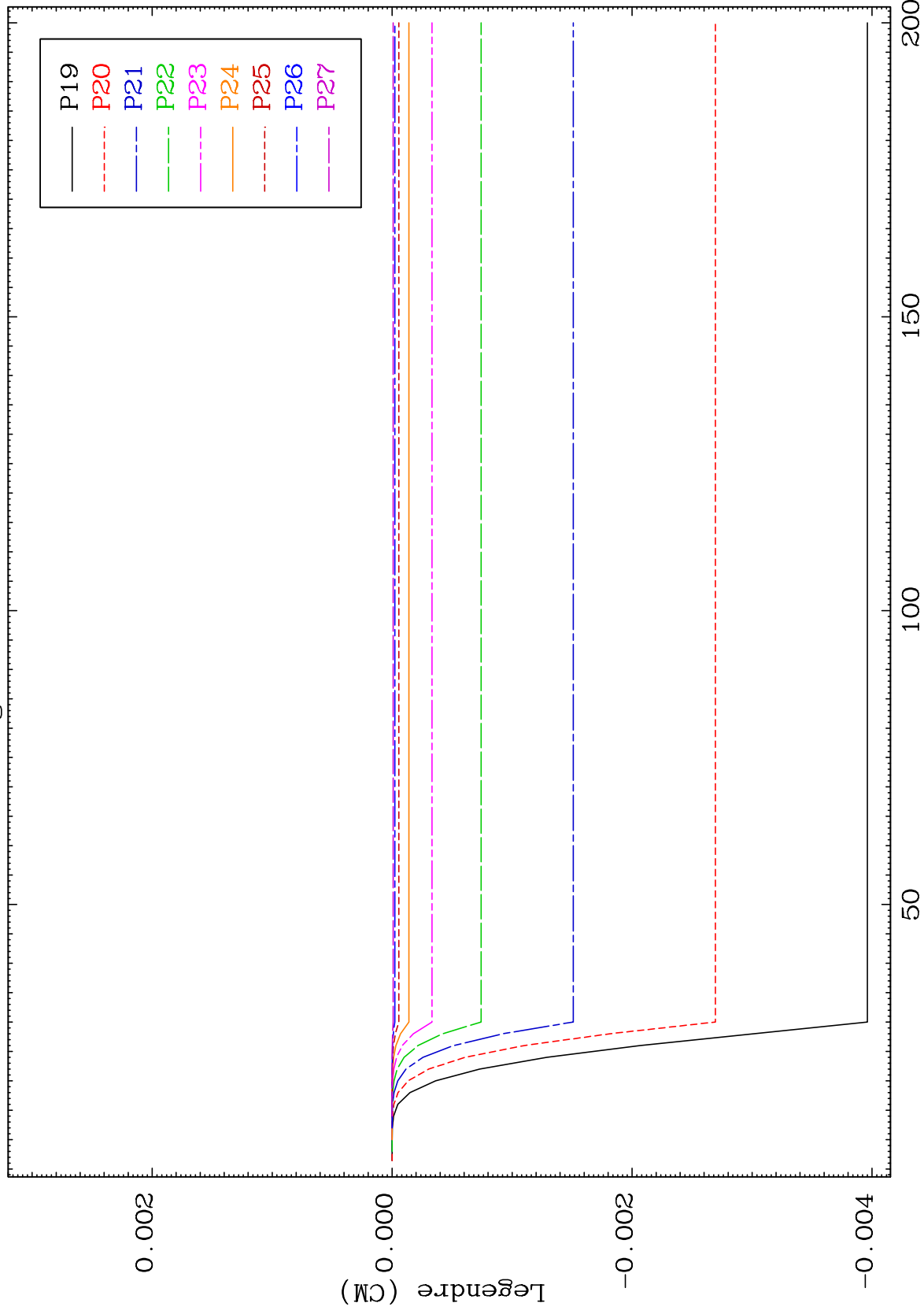
328.1 keV (n,n') Level
Legendre Coefficients

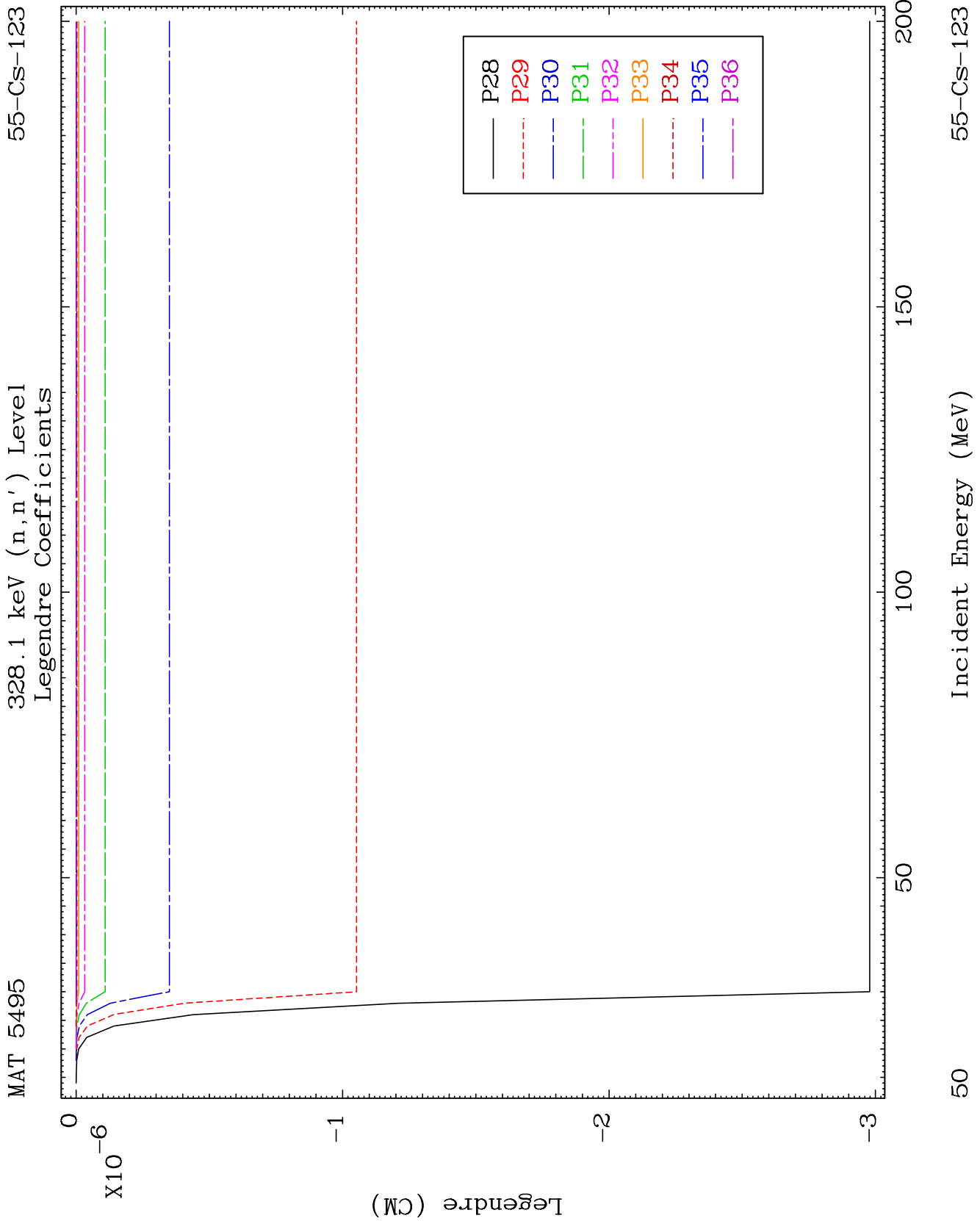
55-Cs-123



48

55-Cs-123

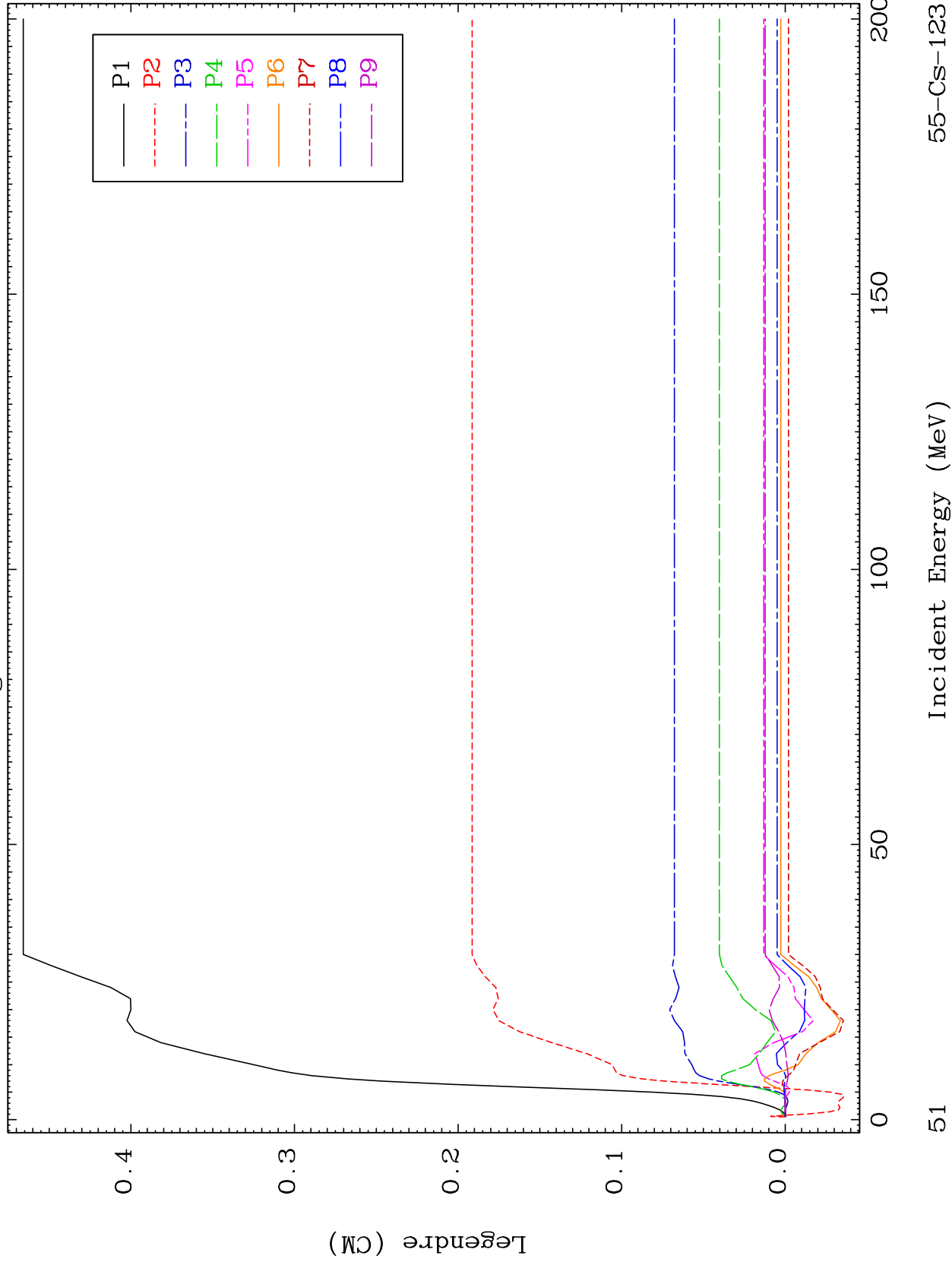




MAT 5495

467.6 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

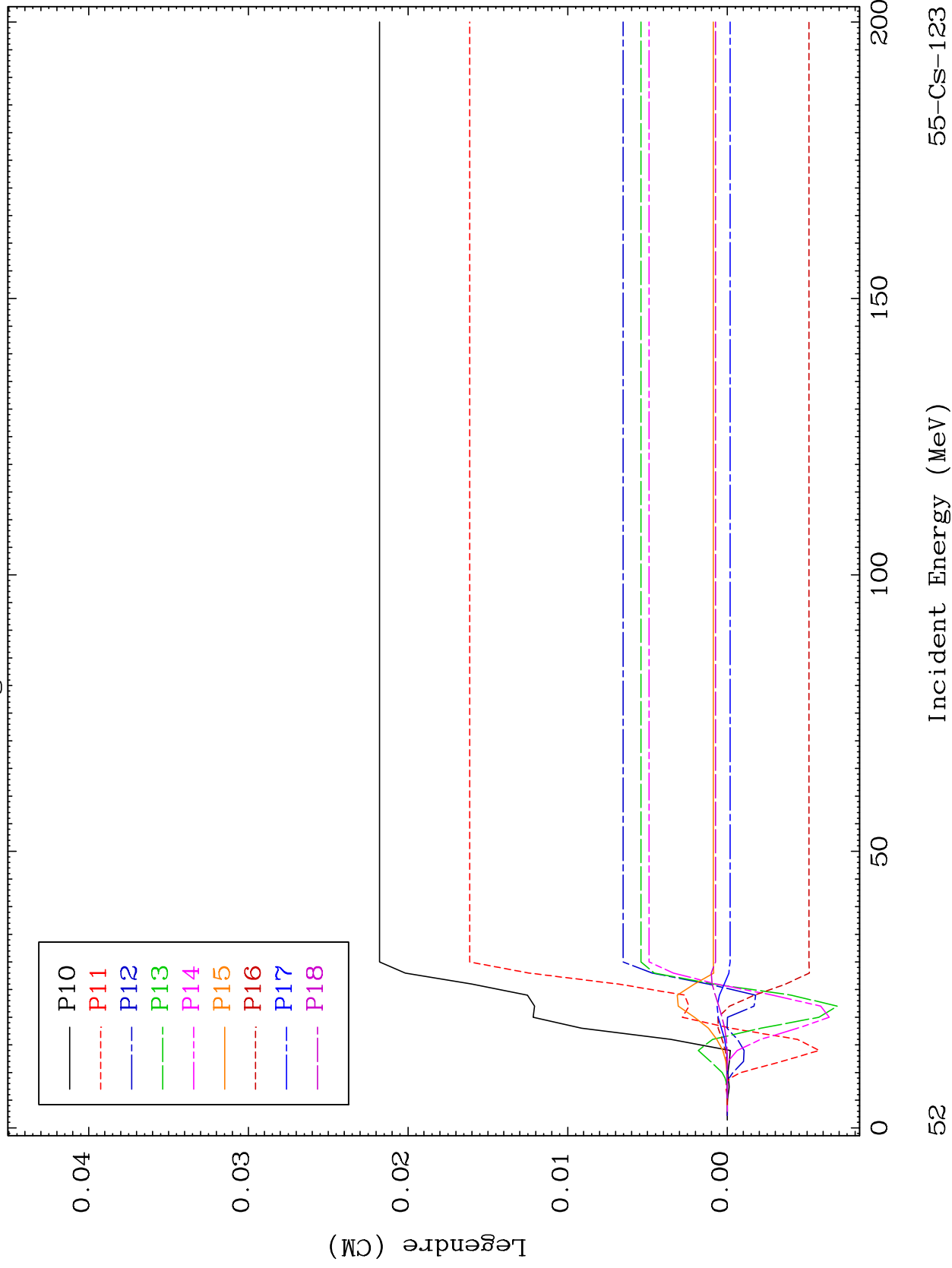
Incident Energy (MeV)

51

MAT 5495

467.6 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

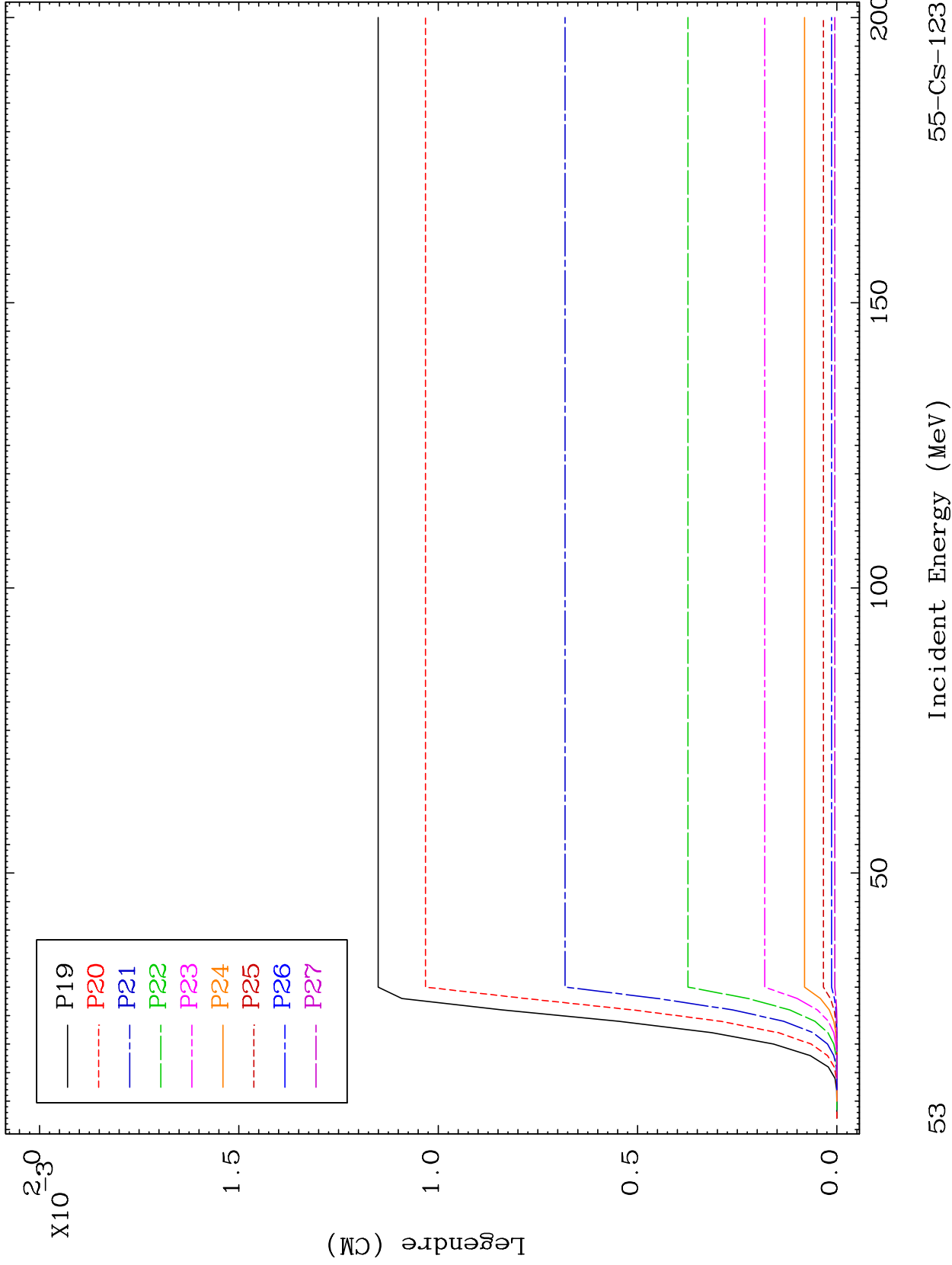
Incident Energy (MeV)

52

MAT 5495

467.6 keV (n,n') Level
Legendre Coefficients

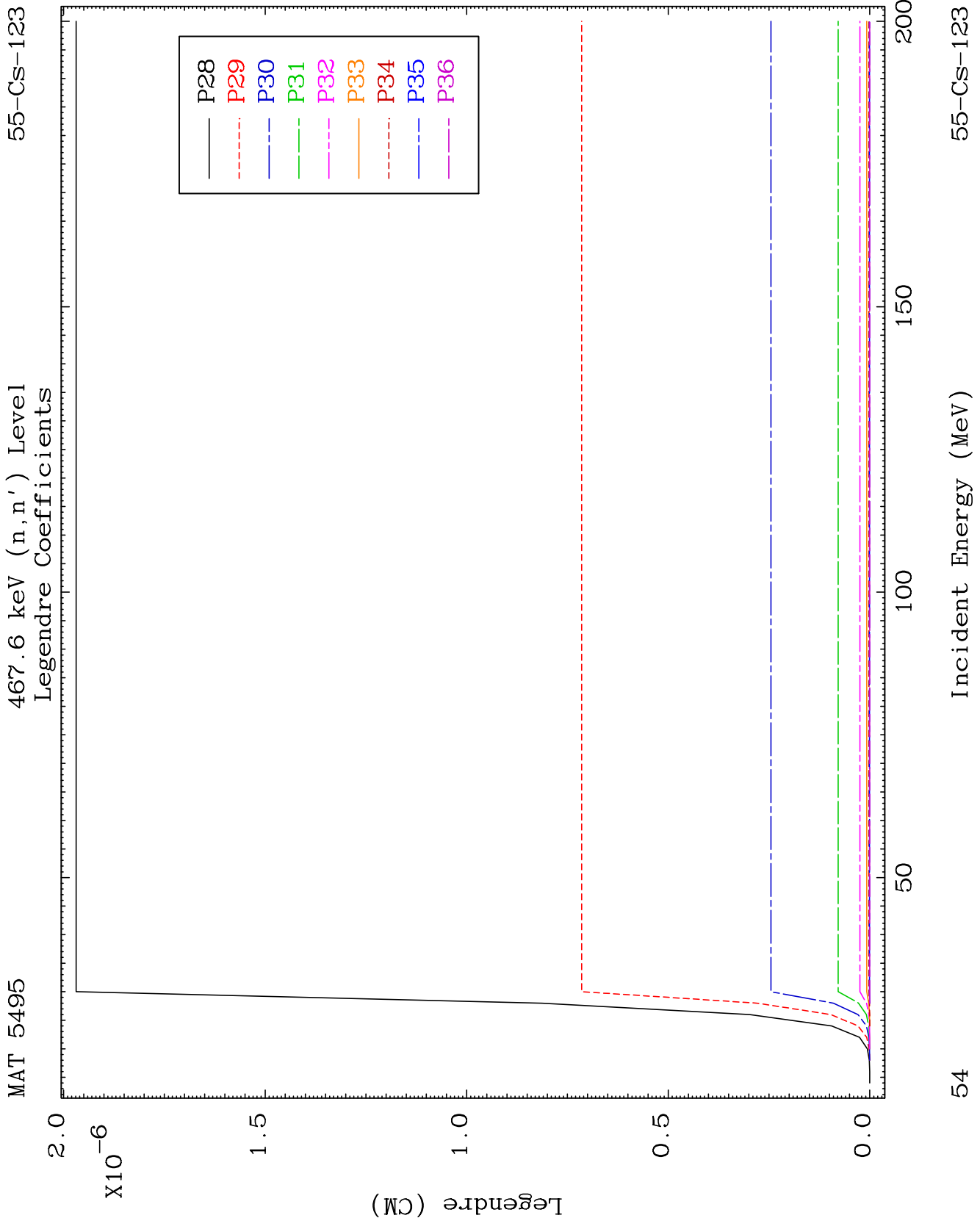
55-Cs-123



53

Incident Energy (MeV)

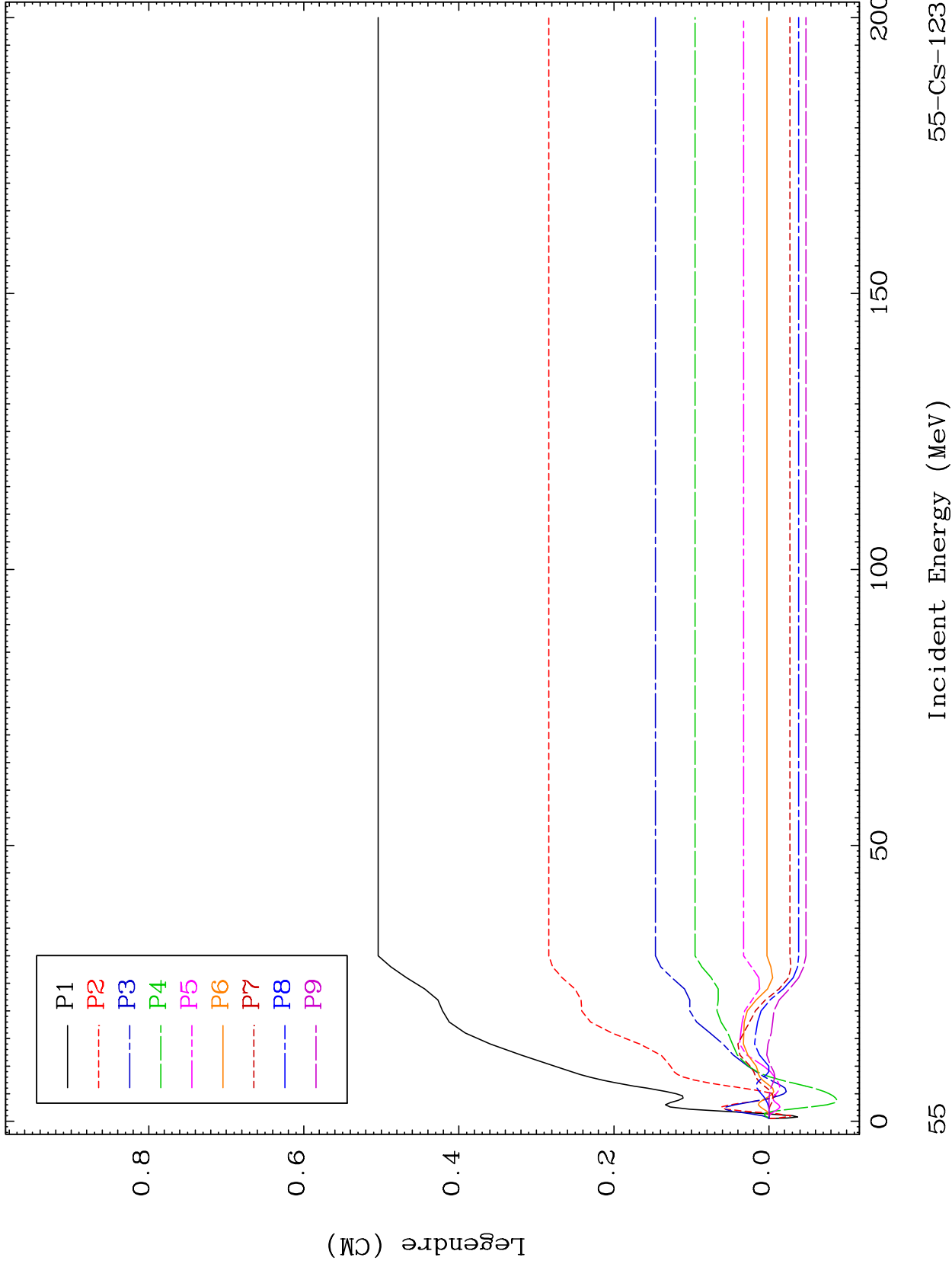
55-Cs-123



MAT 5495

474.9 keV (n,n') Level
Legendre Coefficients

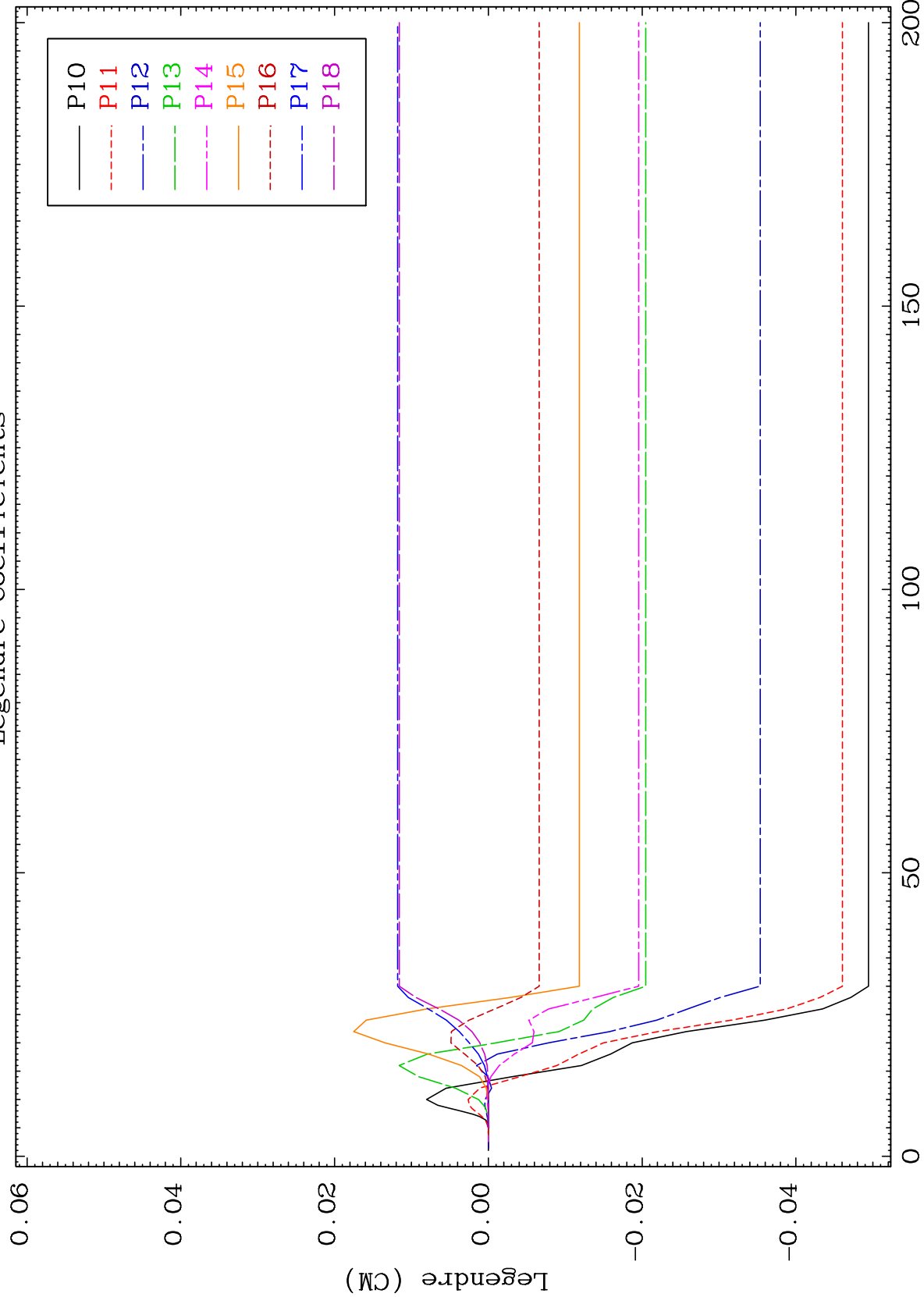
55-Cs-123



55-Cs-123

Incident Energy (MeV)

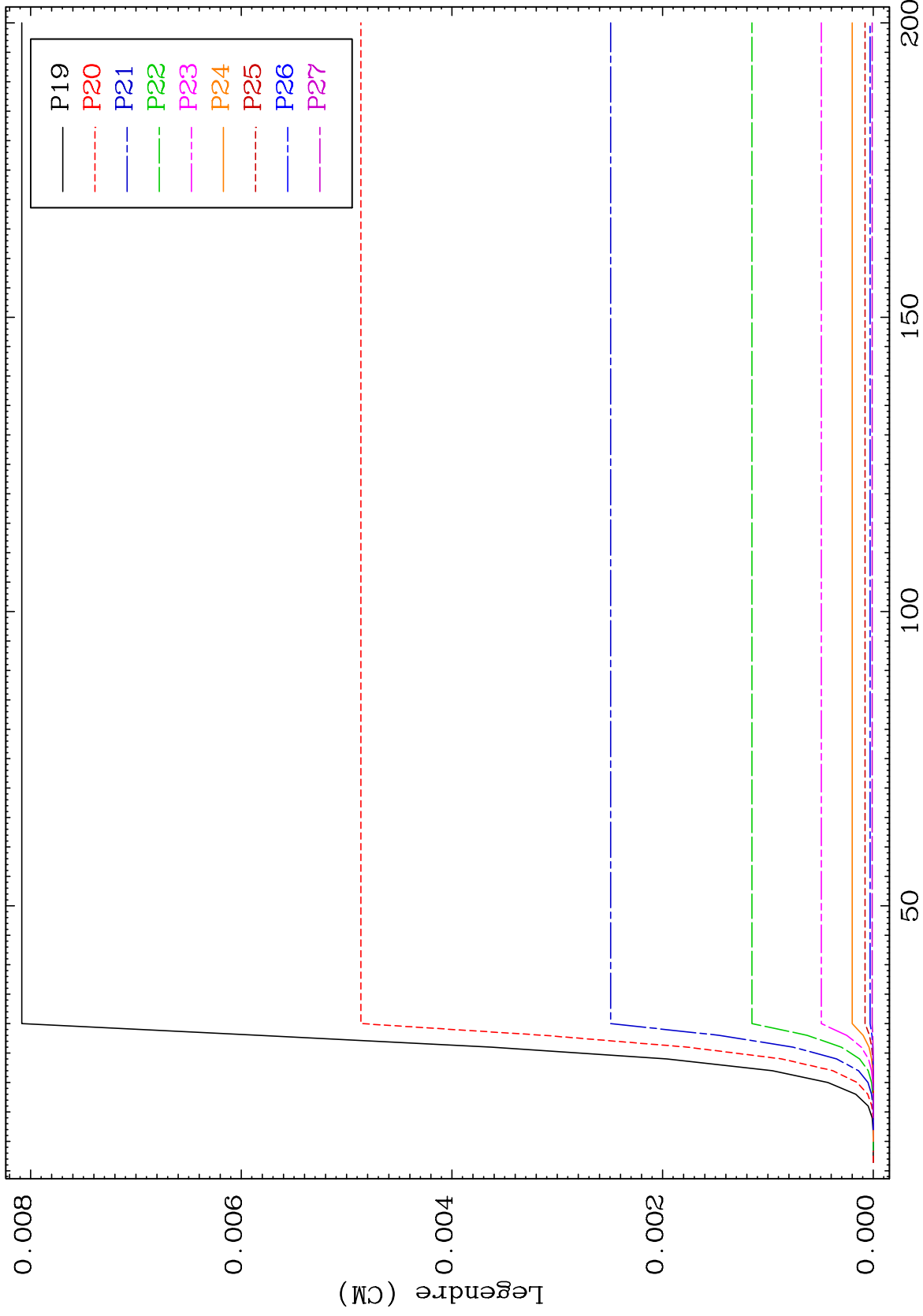
55



MAT 5495

474.9 keV (n, n') Level
Legendre Coefficients

55-Cs-123



57

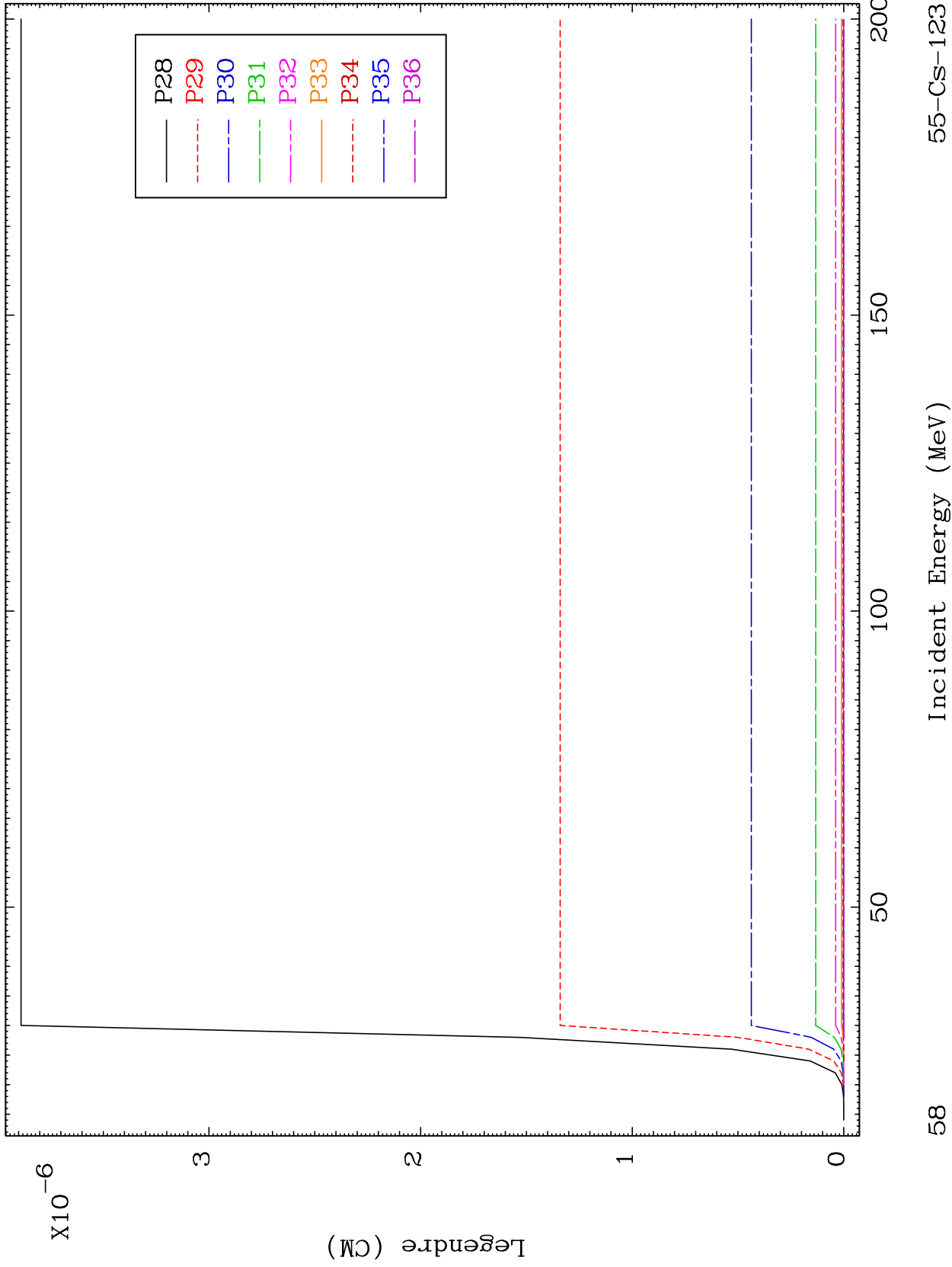
Incident Energy (MeV)

55-Cs-123

MAT 5495

474.9 keV (n, n') Level
Legendre Coefficients

55-Cs-123



58

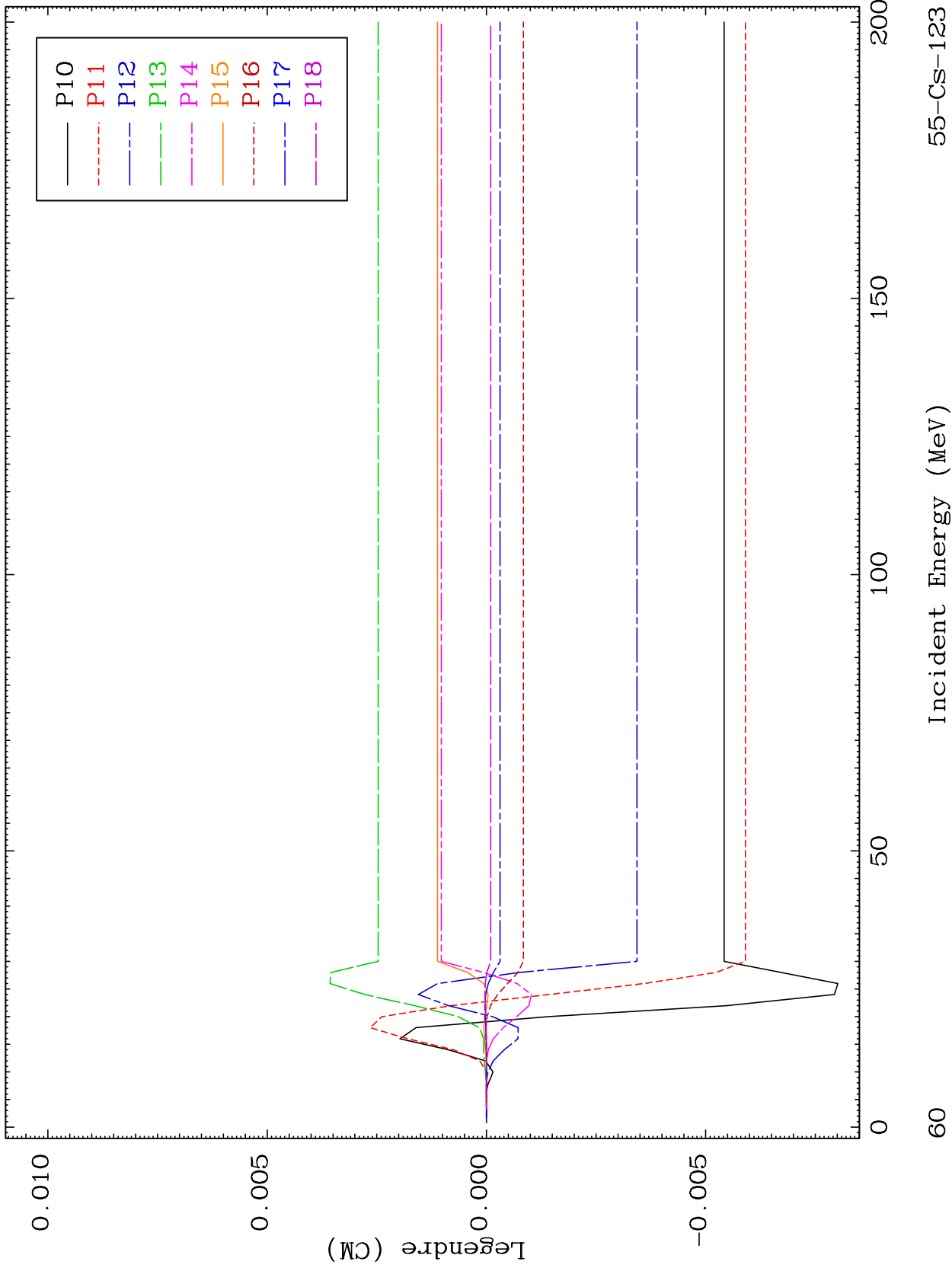
Incident Energy (MeV)

55-Cs-123

MAT 5495

476.8 keV (n,n') Level
Legendre Coefficients

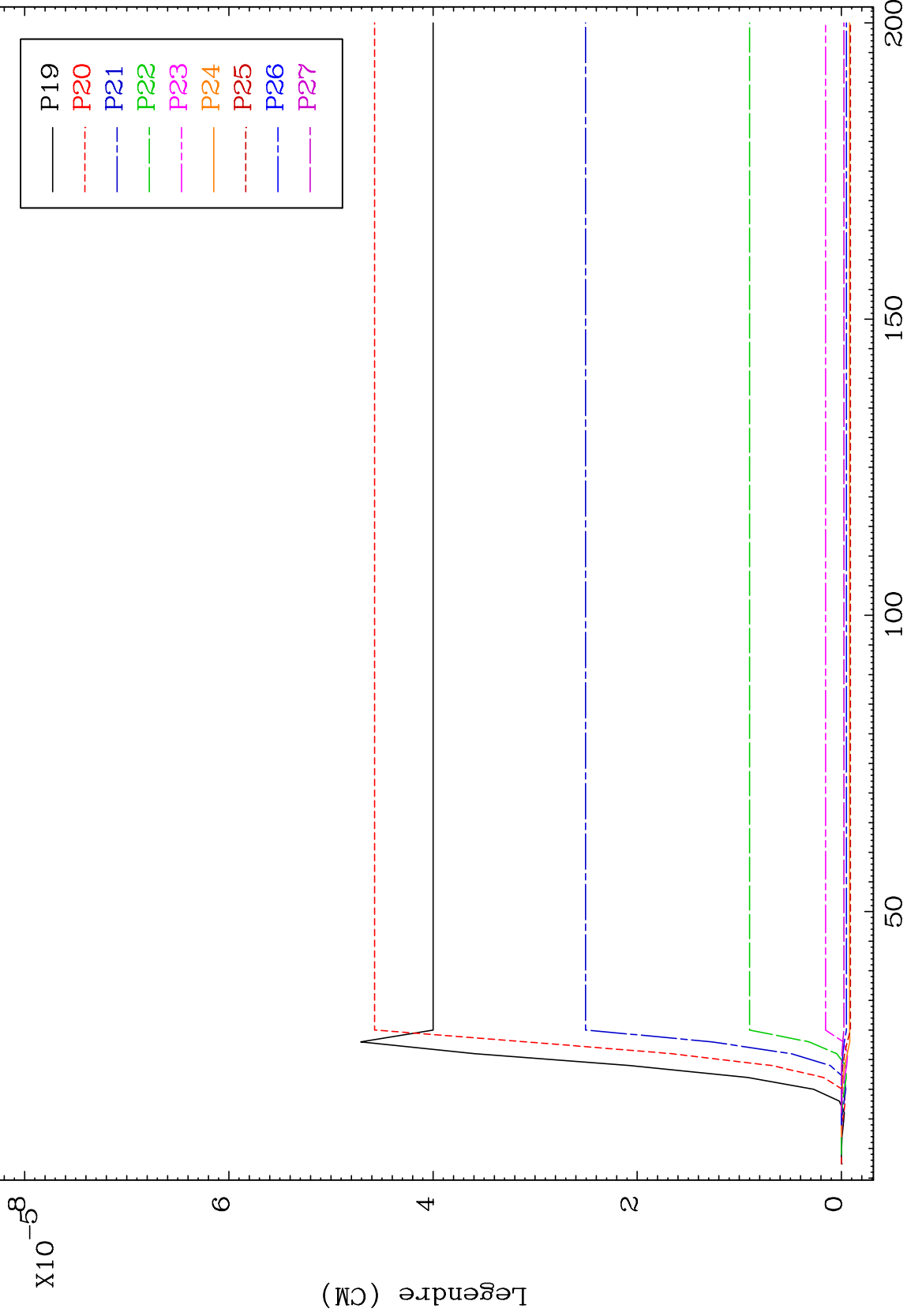
55-Cs-123



MAT 5495

476.8 keV (n,n') Level
Legendre Coefficients

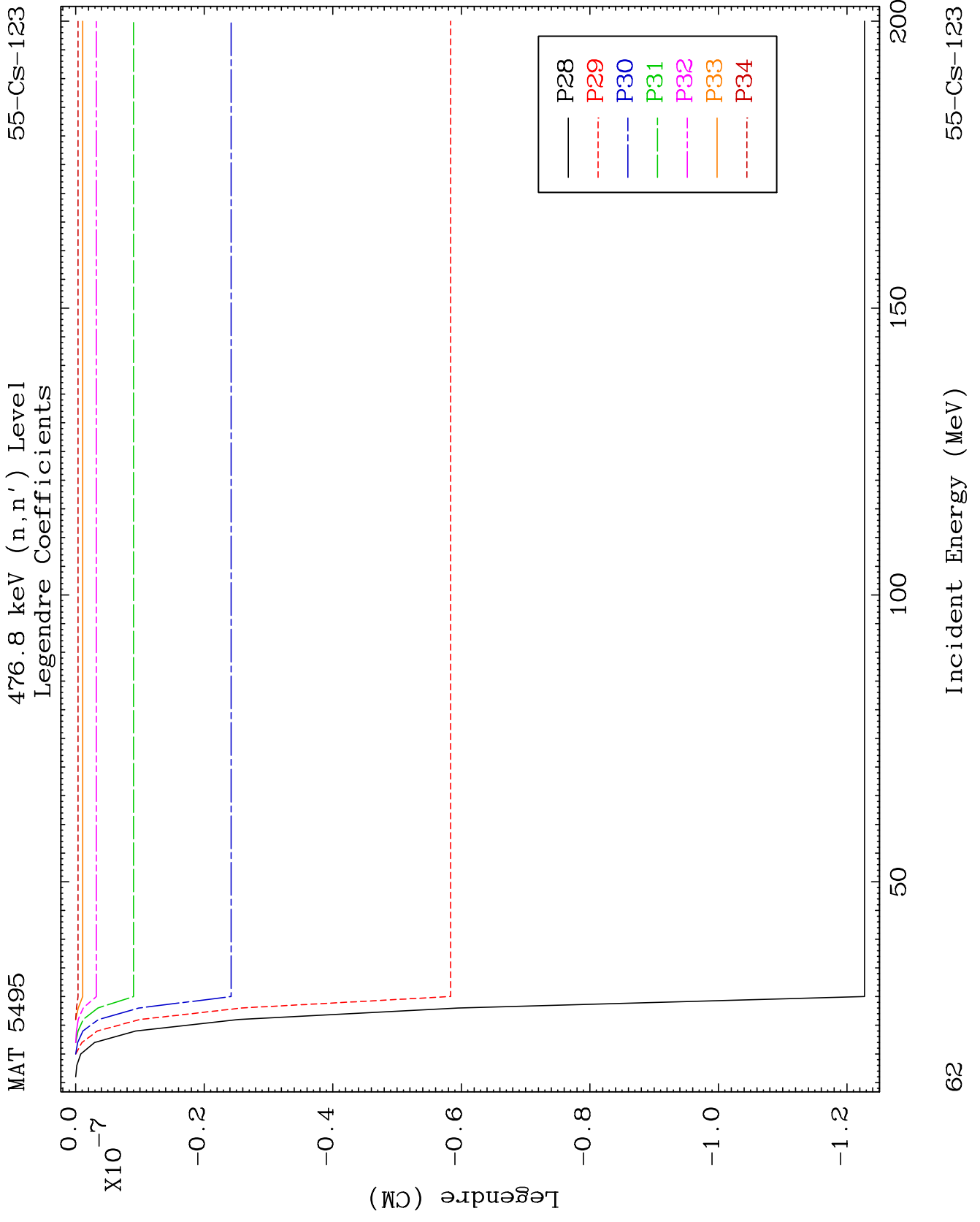
55-Cs-123

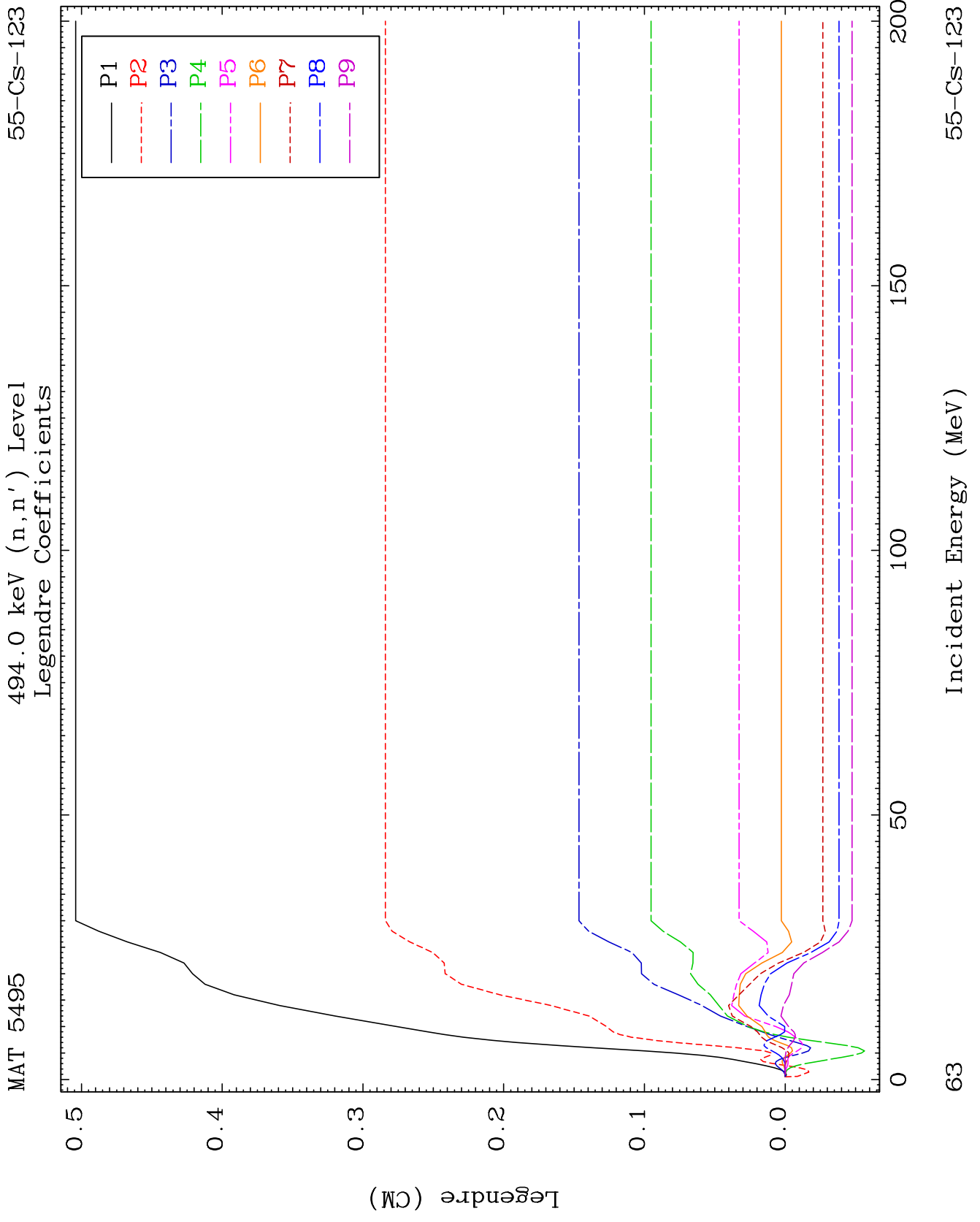


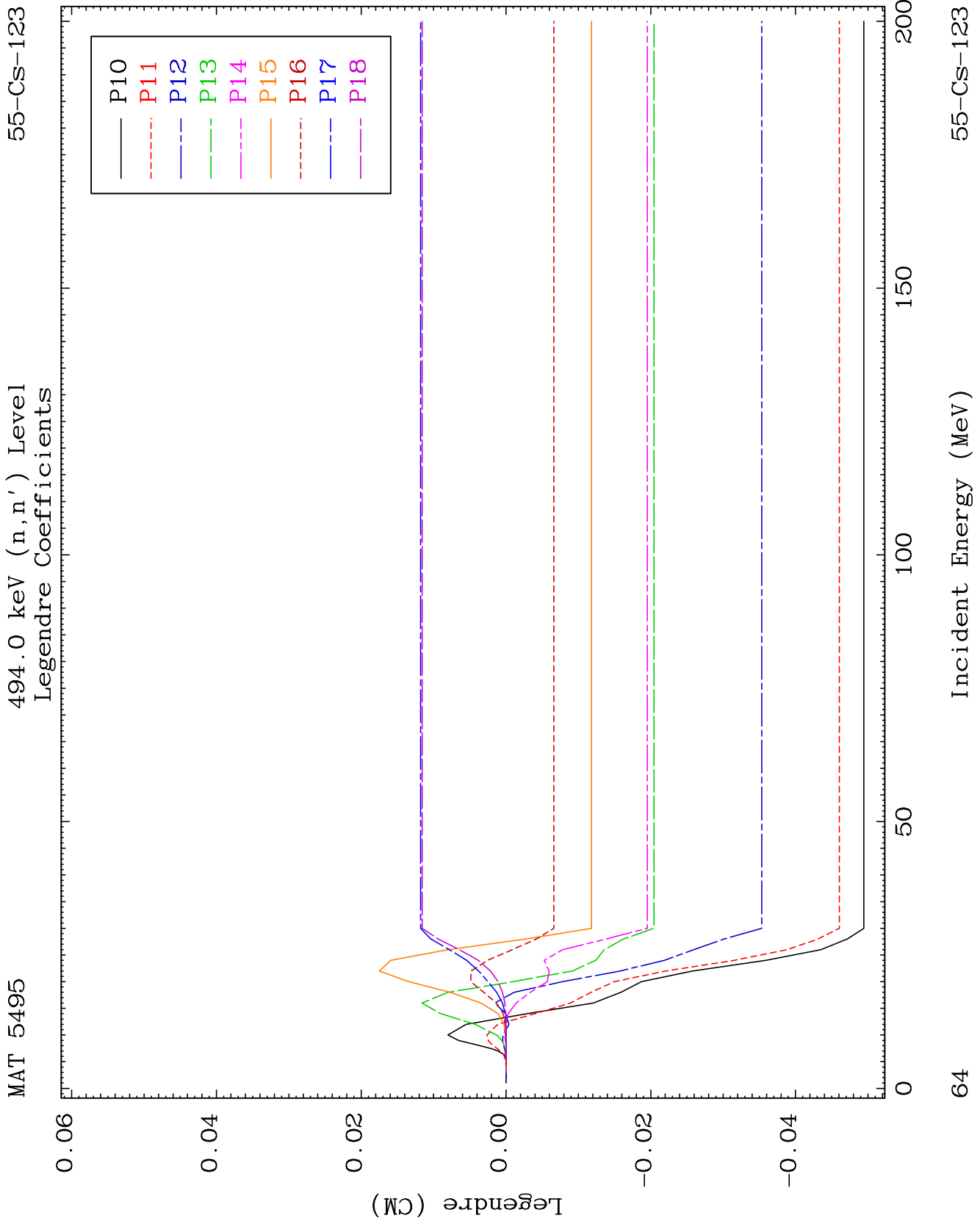
61

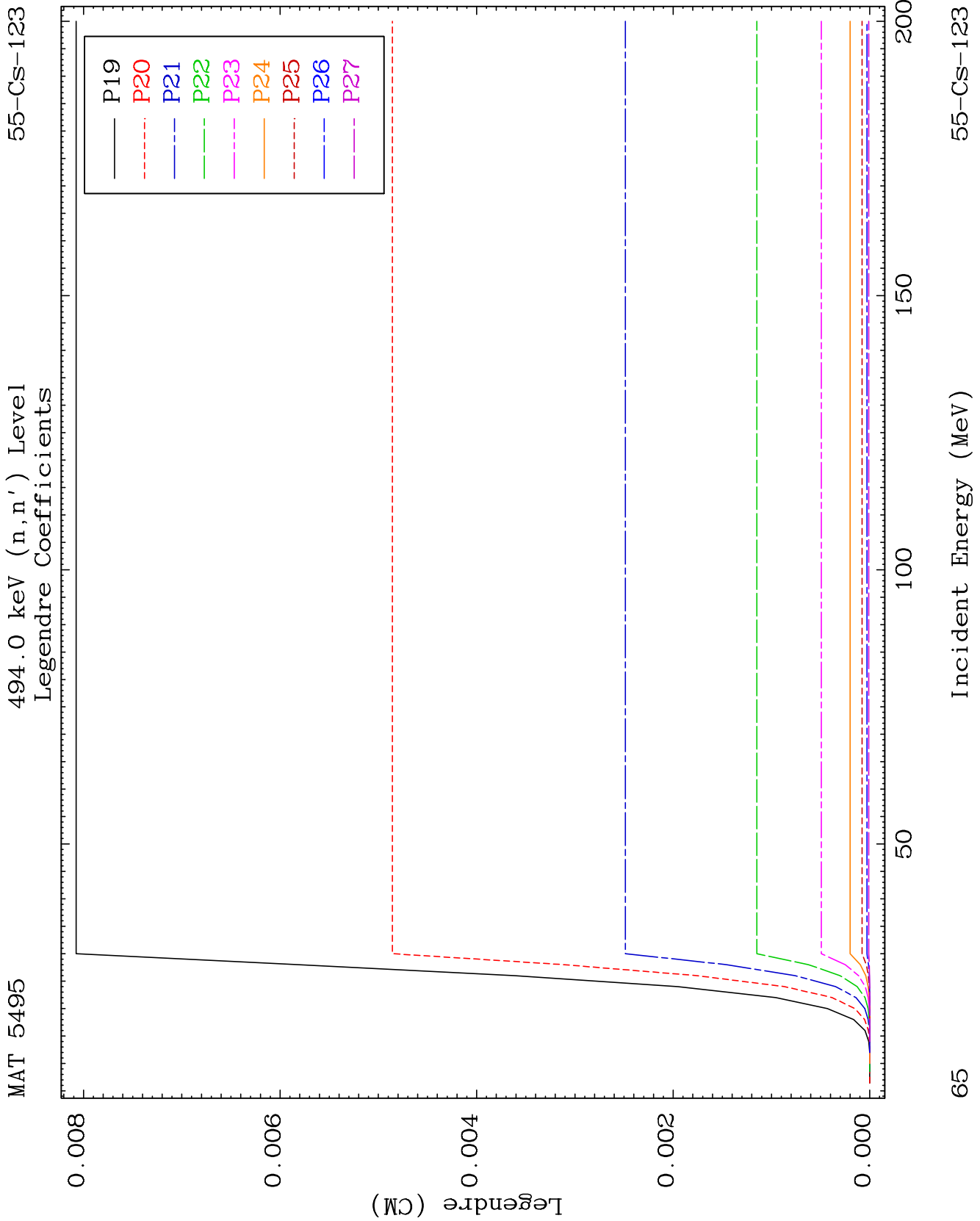
Incident Energy (MeV)

55-Cs-123





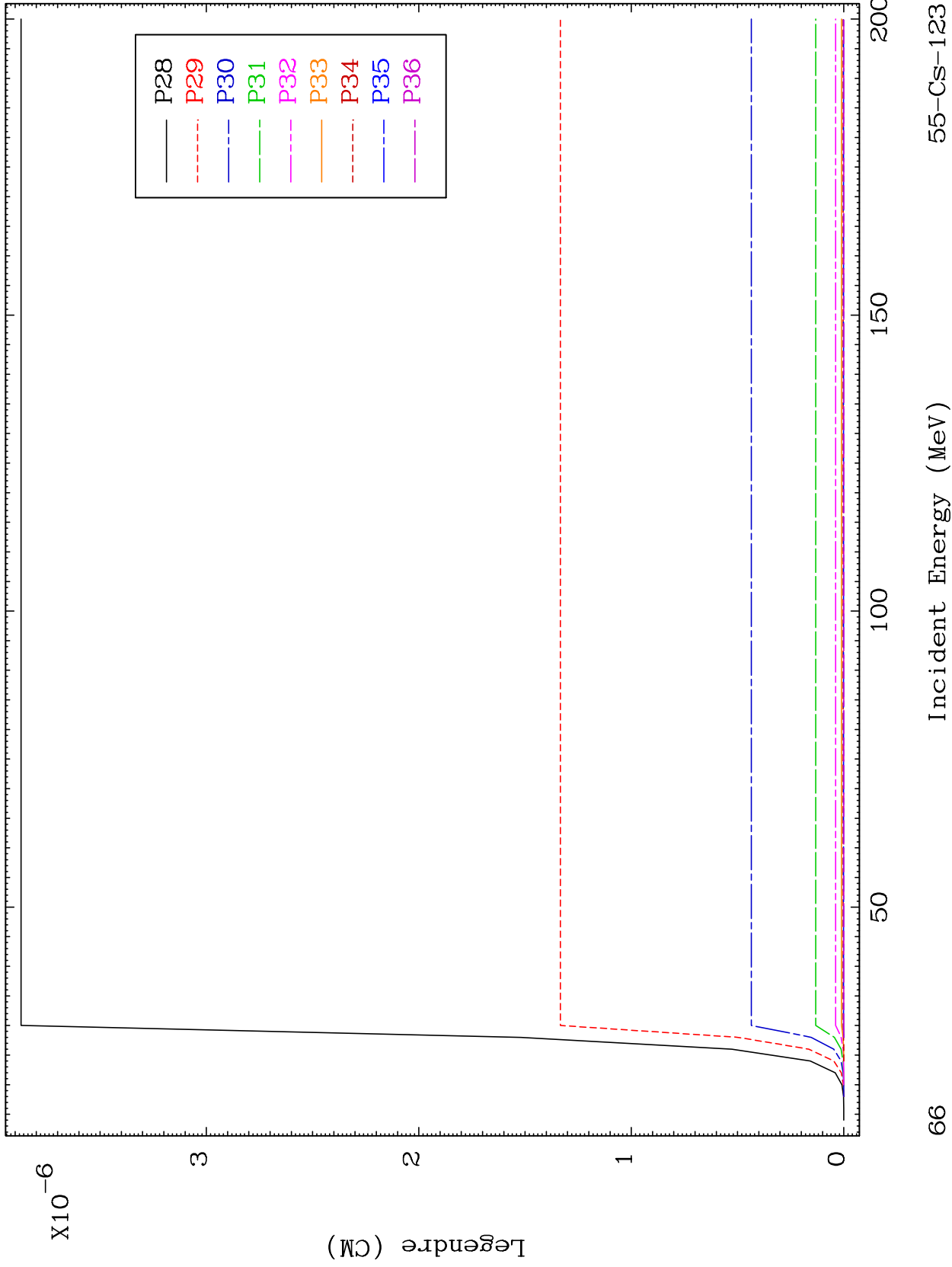




MAT 5495

494.0 keV (n, n') Level
Legendre Coefficients

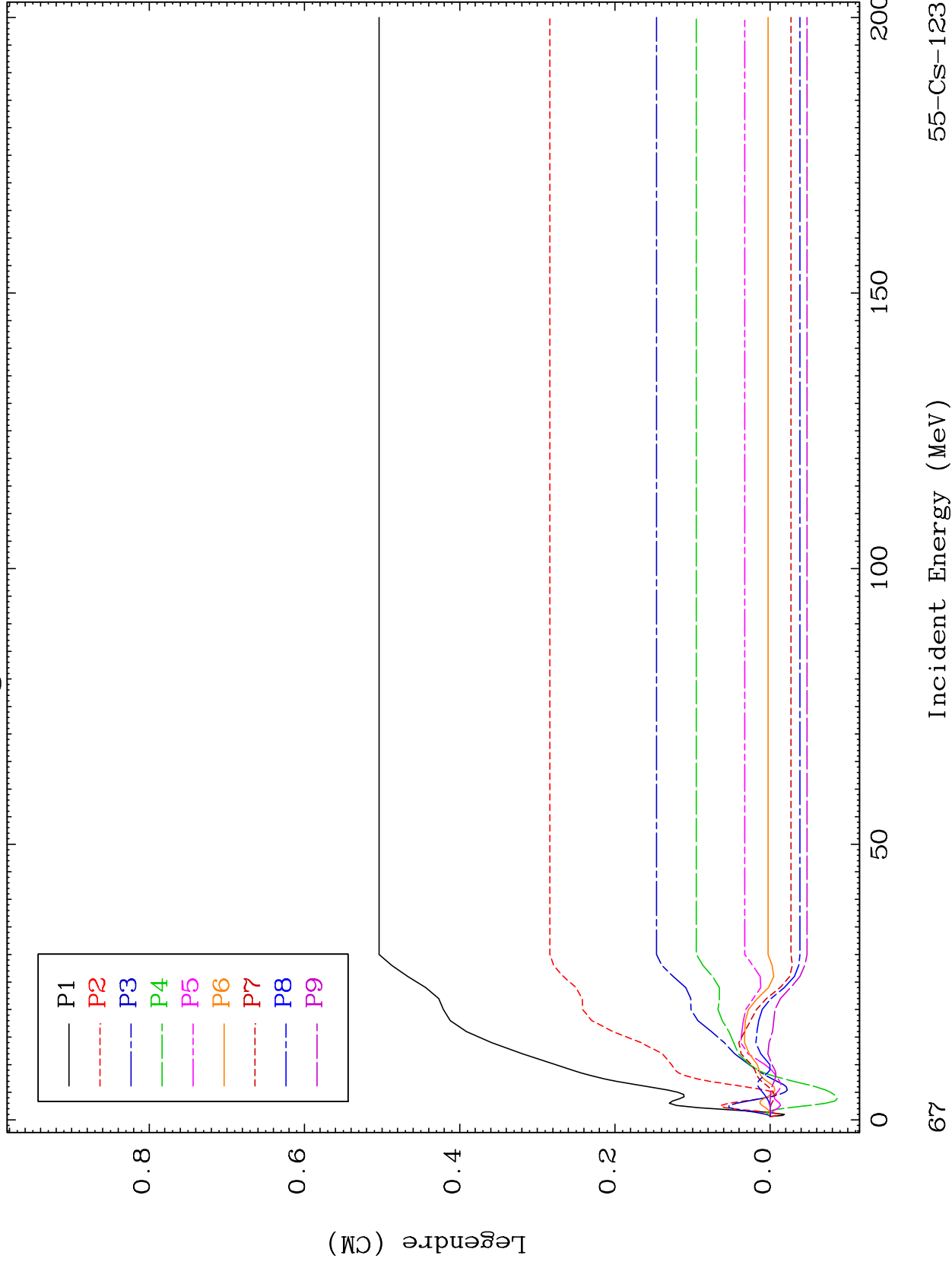
55-Cs-123



MAT 5495

524.7 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

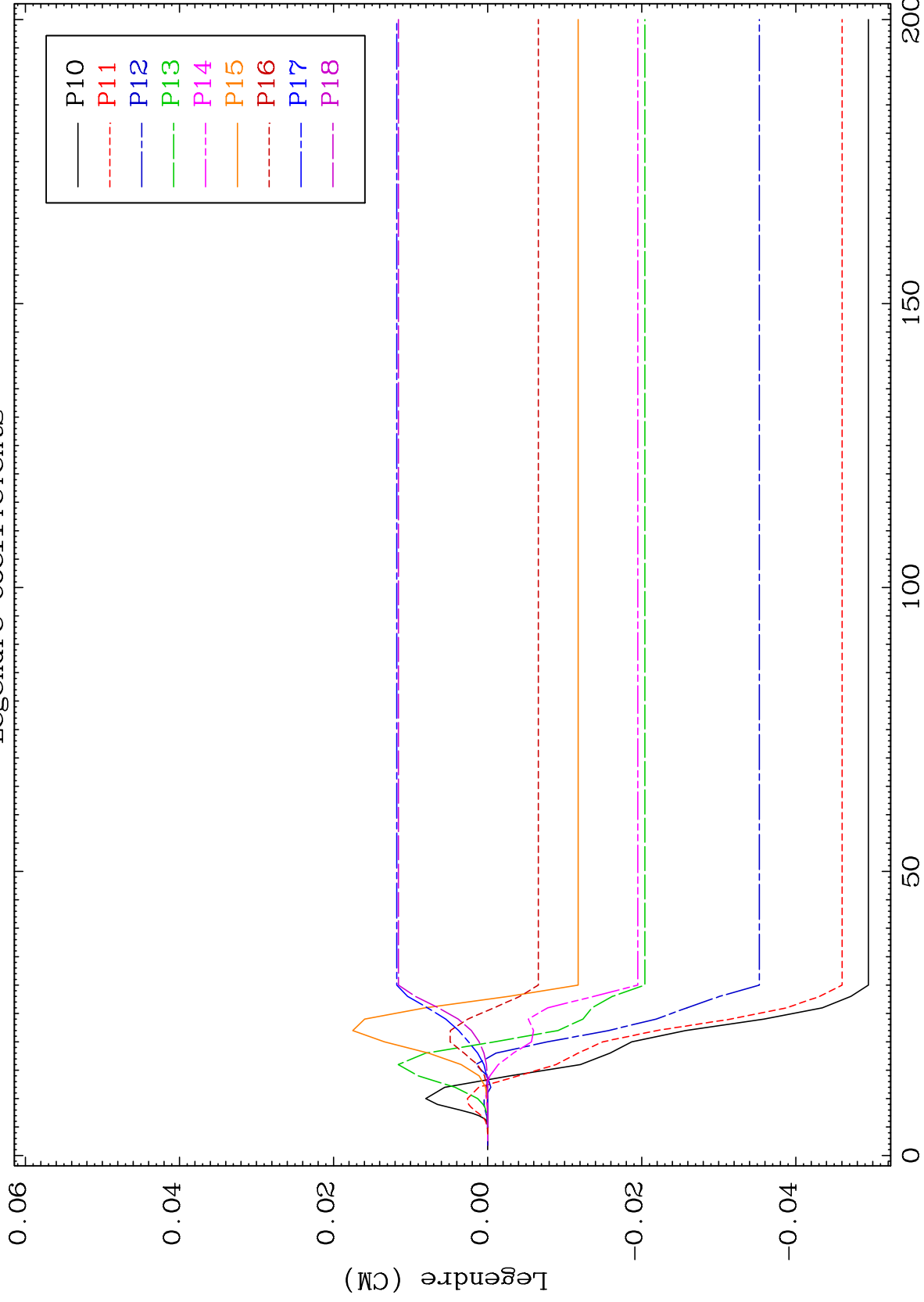
Incident Energy (MeV)

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MAT 5495

524.7 keV (n,n') Level
Legendre Coefficients

55-Cs-123



68

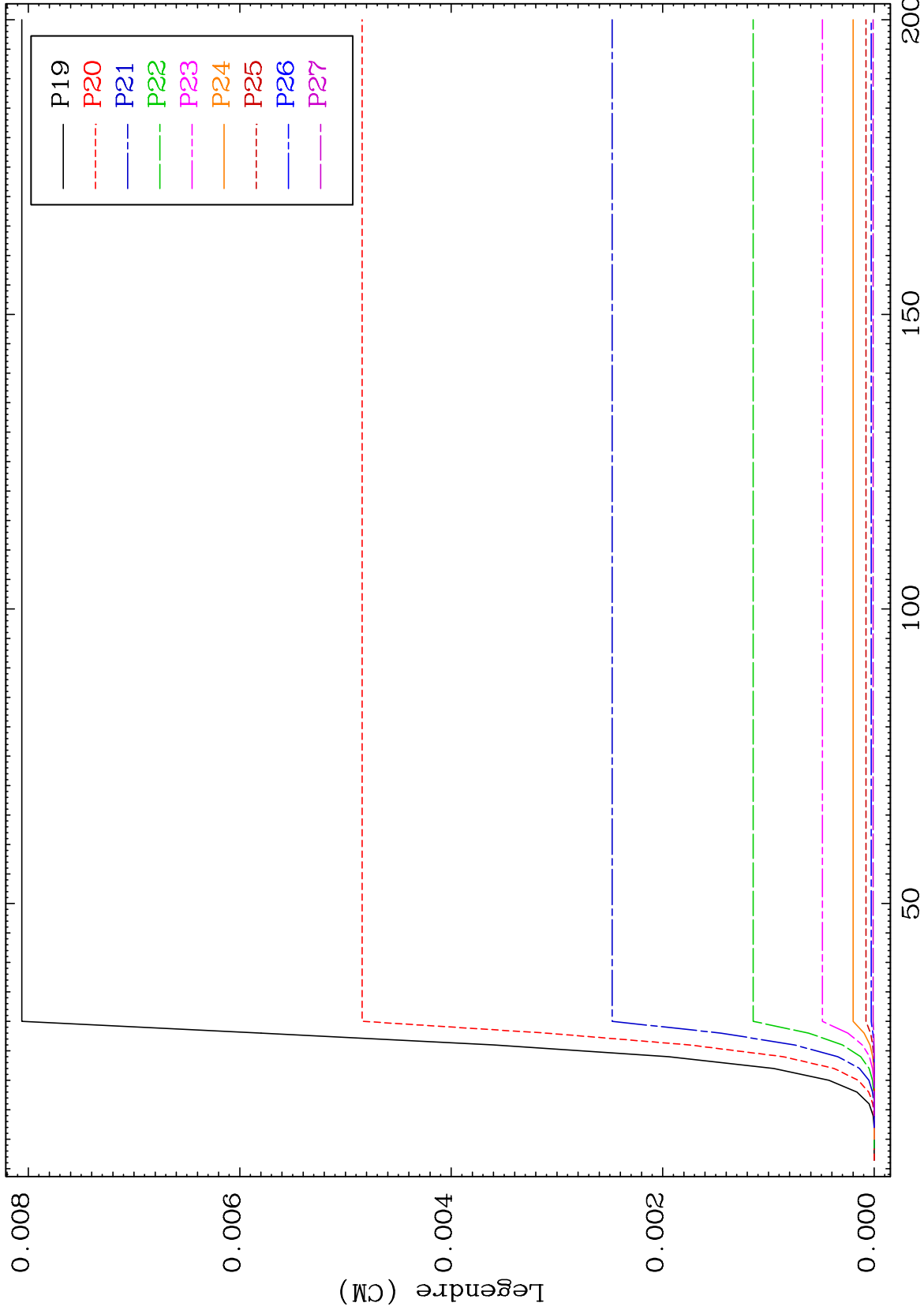
Incident Energy (MeV)

55-Cs-123

MAT 5495

524.7 keV (n,n') Level
Legendre Coefficients

55-Cs-123



69

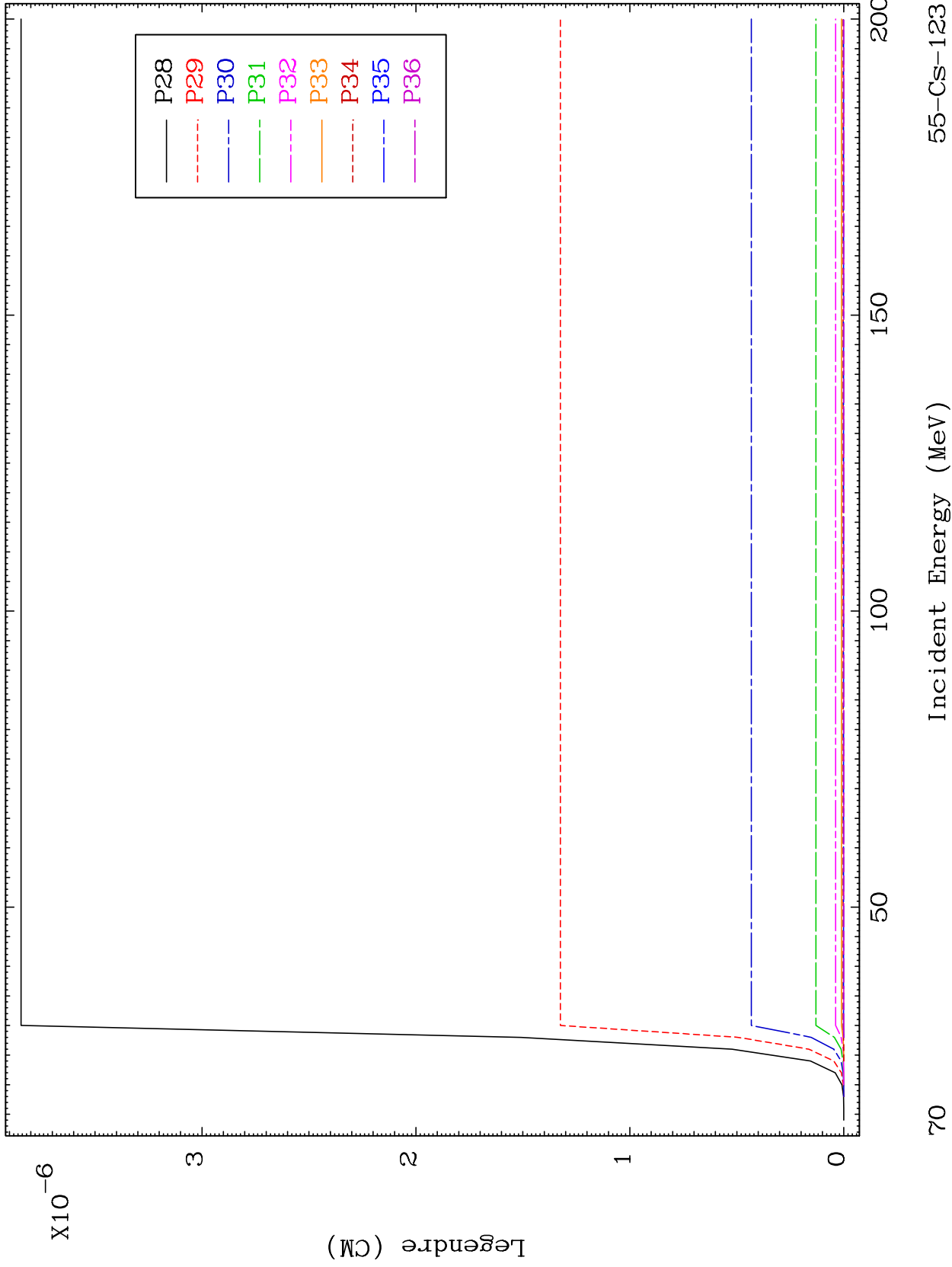
Incident Energy (MeV)

55-Cs-123

MAT 5495

524.7 keV (n,n') Level
Legendre Coefficients

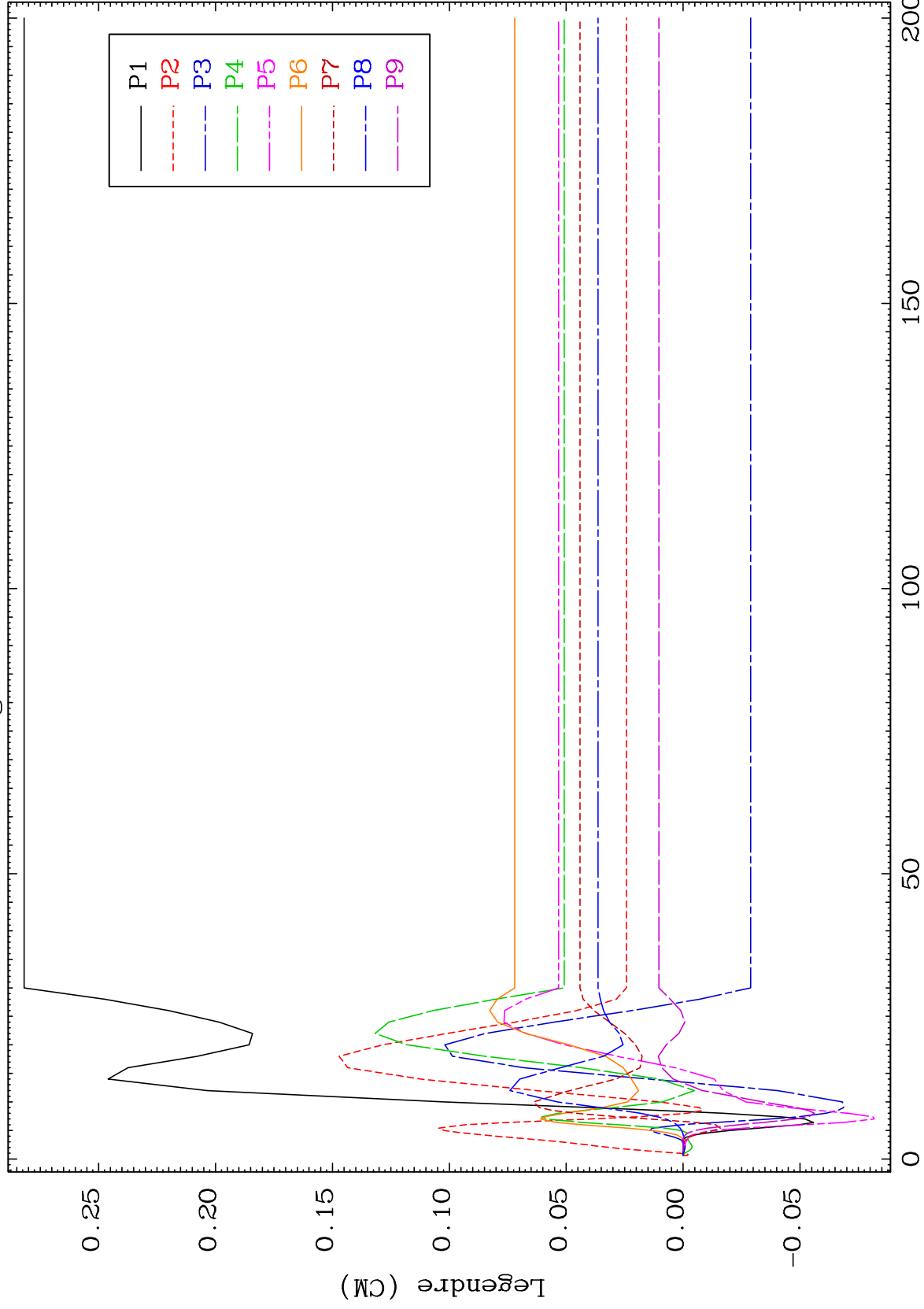
55-Cs-123



MAT 5495

557.5 keV (n,n') Level
Legendre Coefficients

55-Cs-123



71

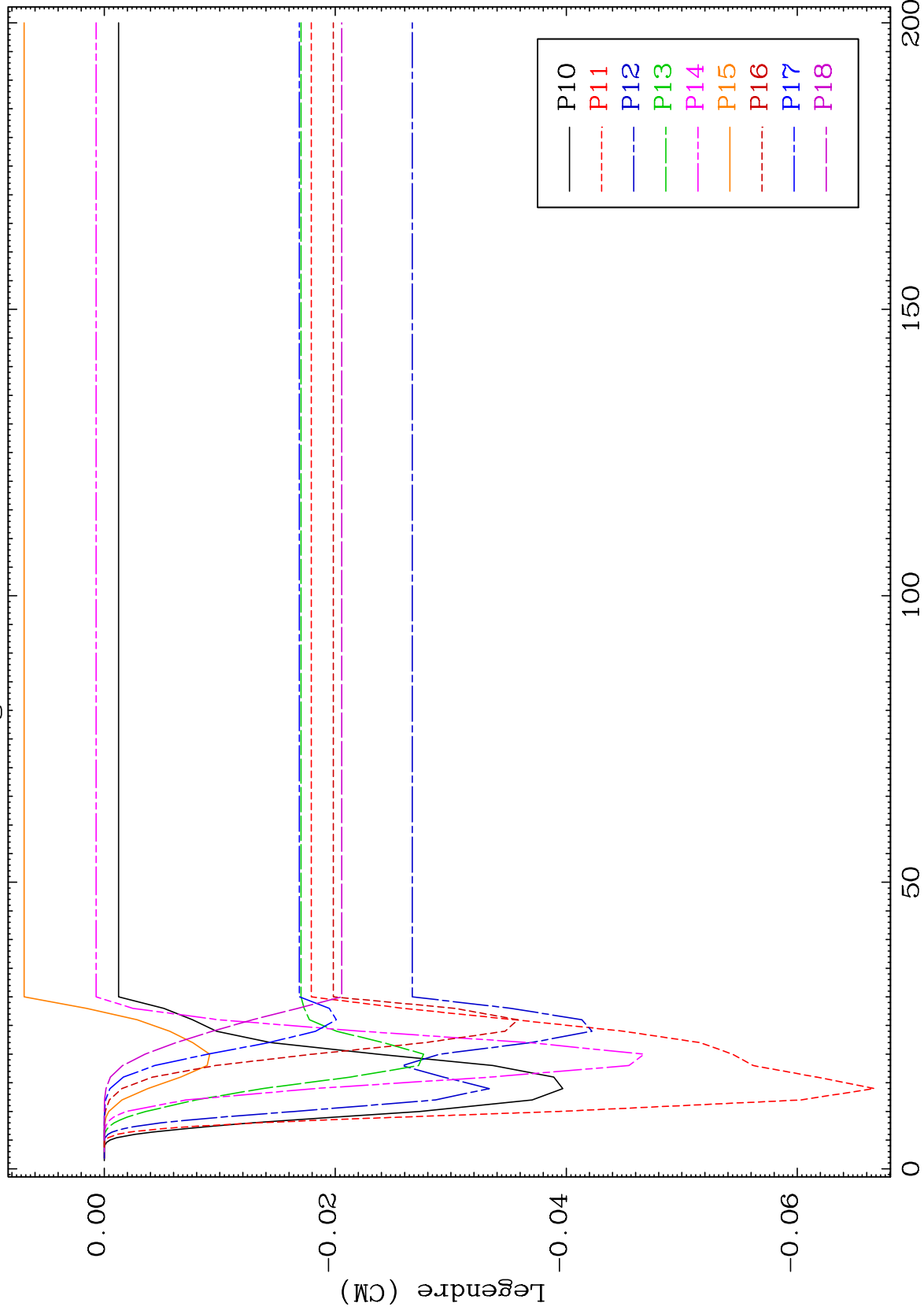
Incident Energy (MeV)

55-Cs-123

MAT 5495

557.5 keV (n,n') Level
Legendre Coefficients

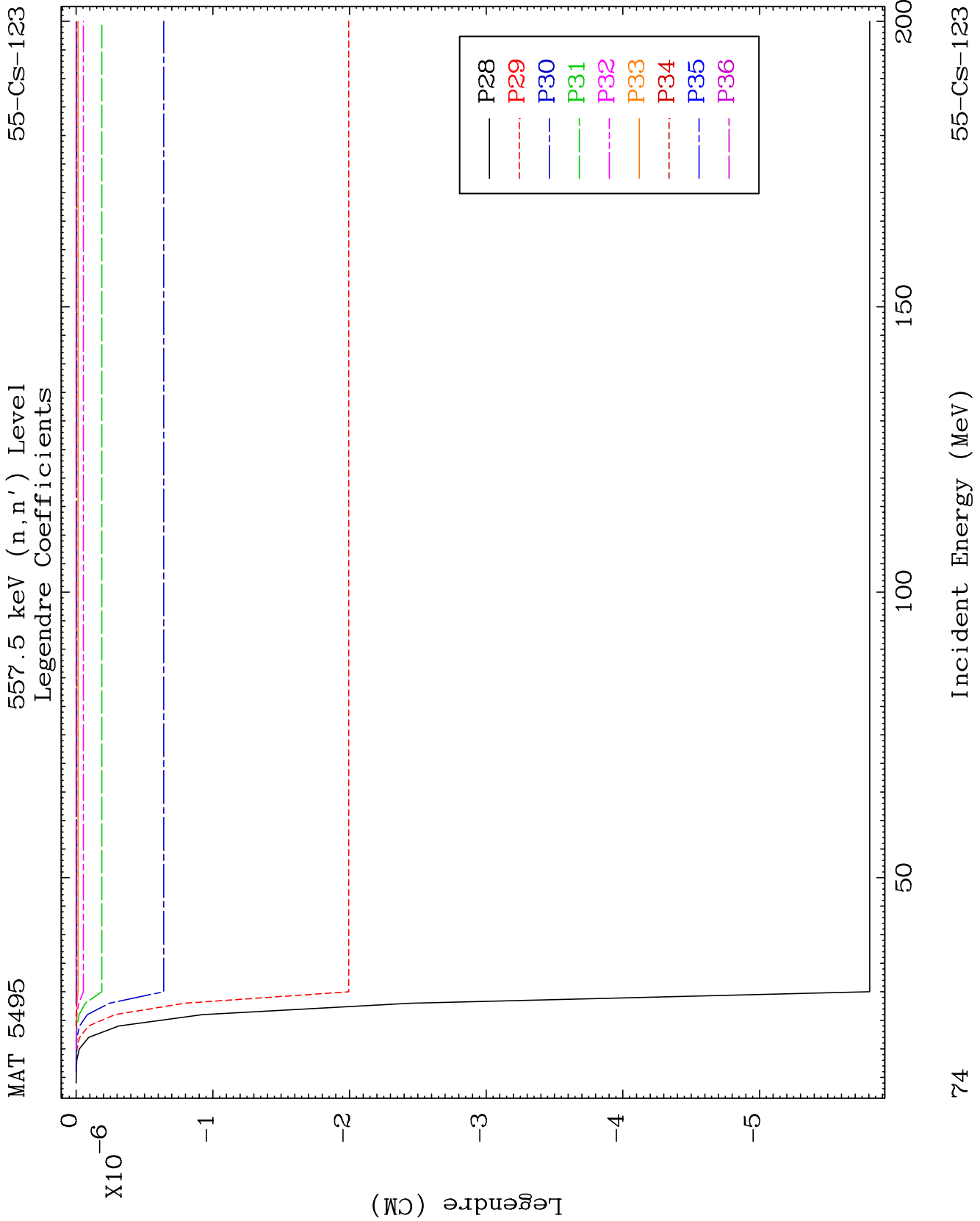
55-Cs-123

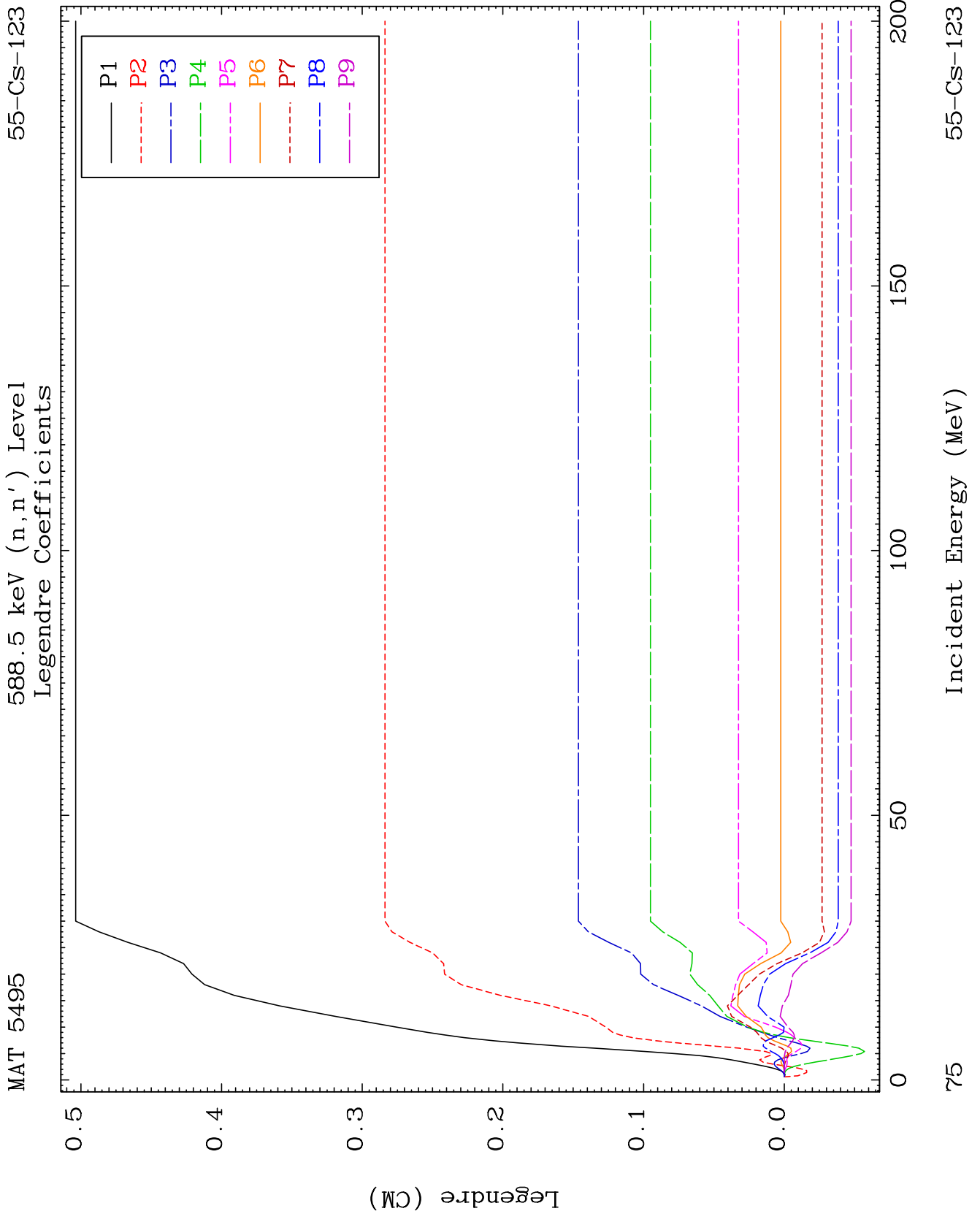


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Incident Energy (MeV)

55-Cs-123

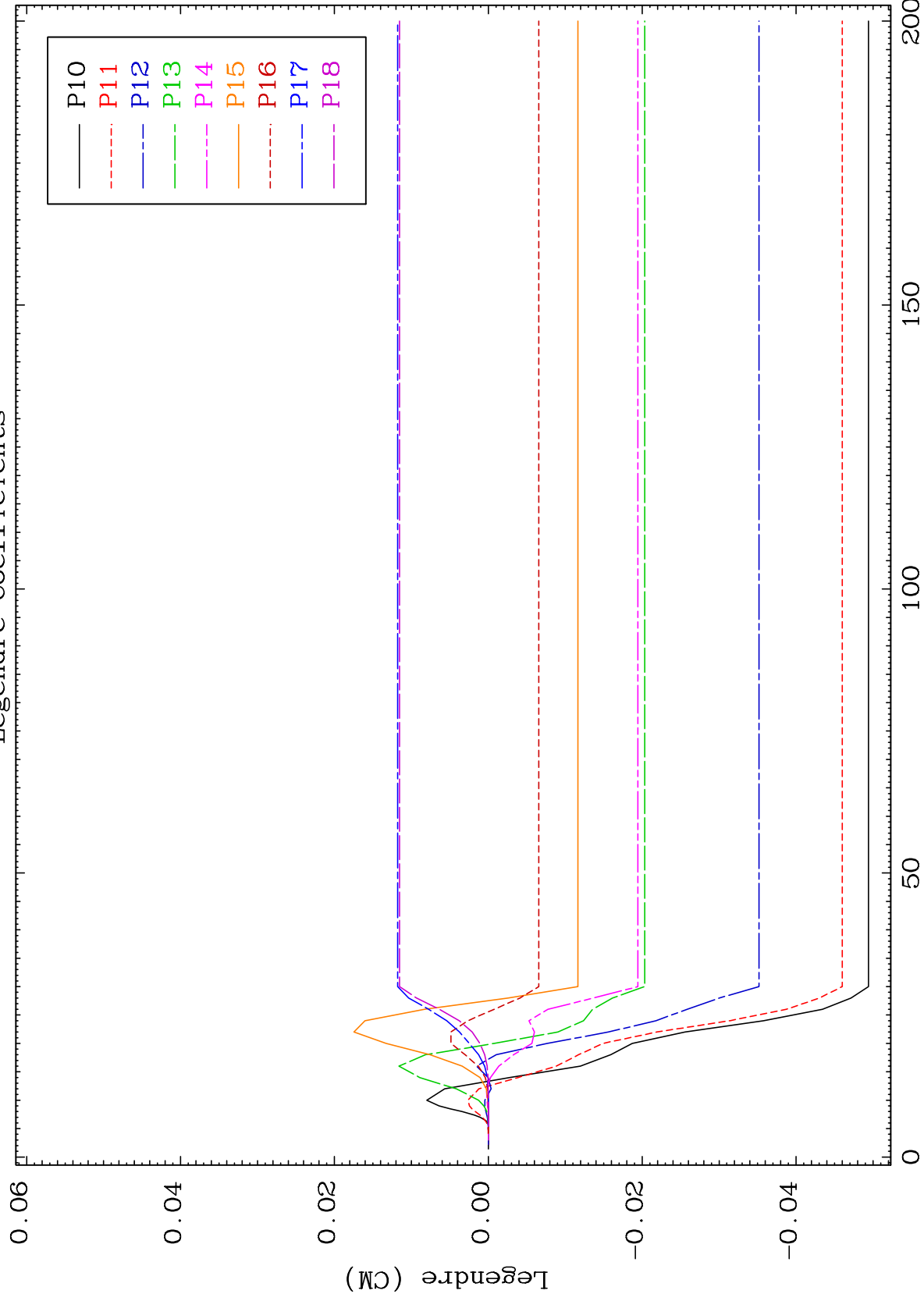




MAT 5495

588.5 keV (n,n') Level
Legendre Coefficients

55-Cs-123



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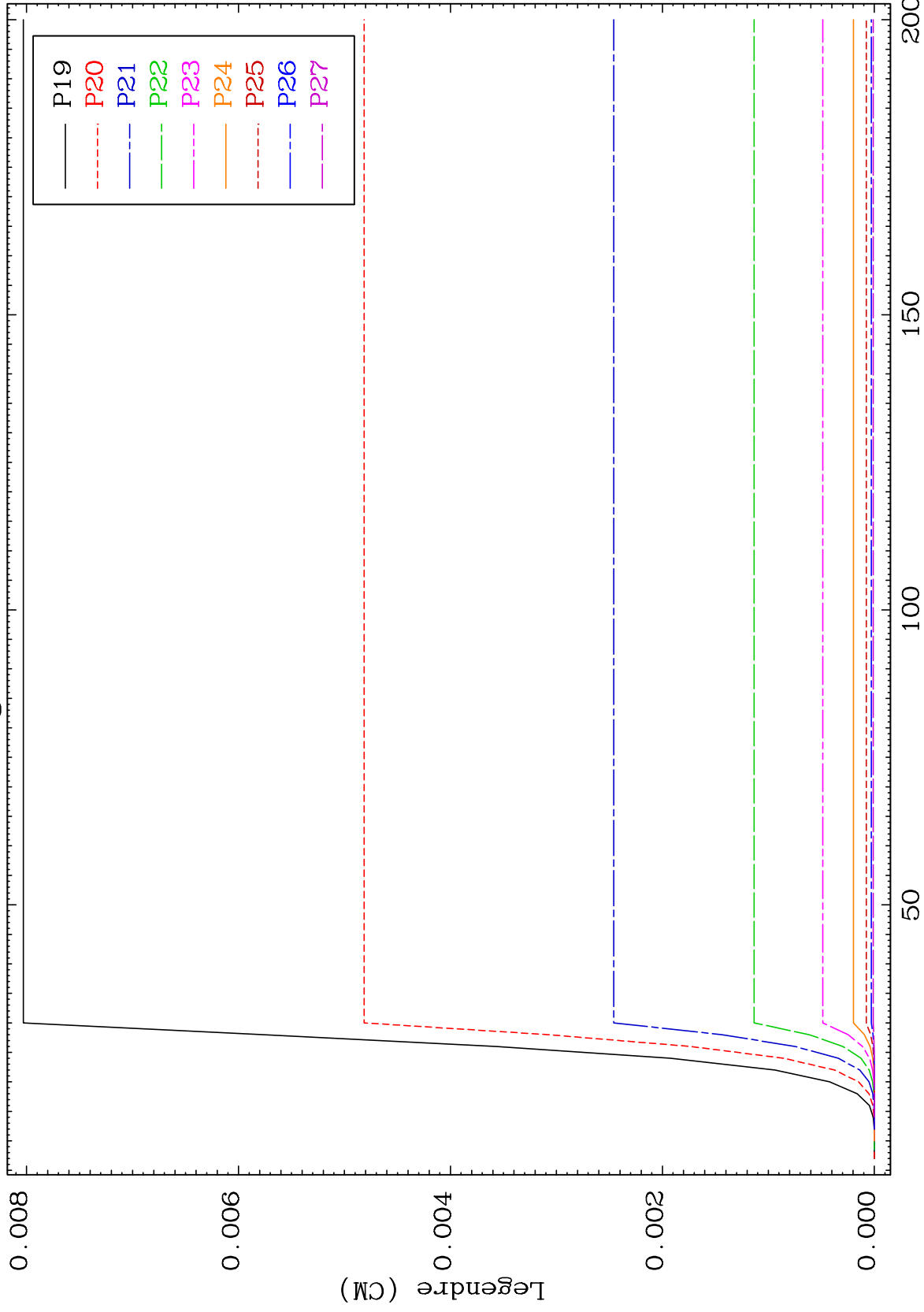
Incident Energy (MeV)

55-Cs-123

MAT 5495

588.5 keV (n,n') Level
Legendre Coefficients

55-Cs-123



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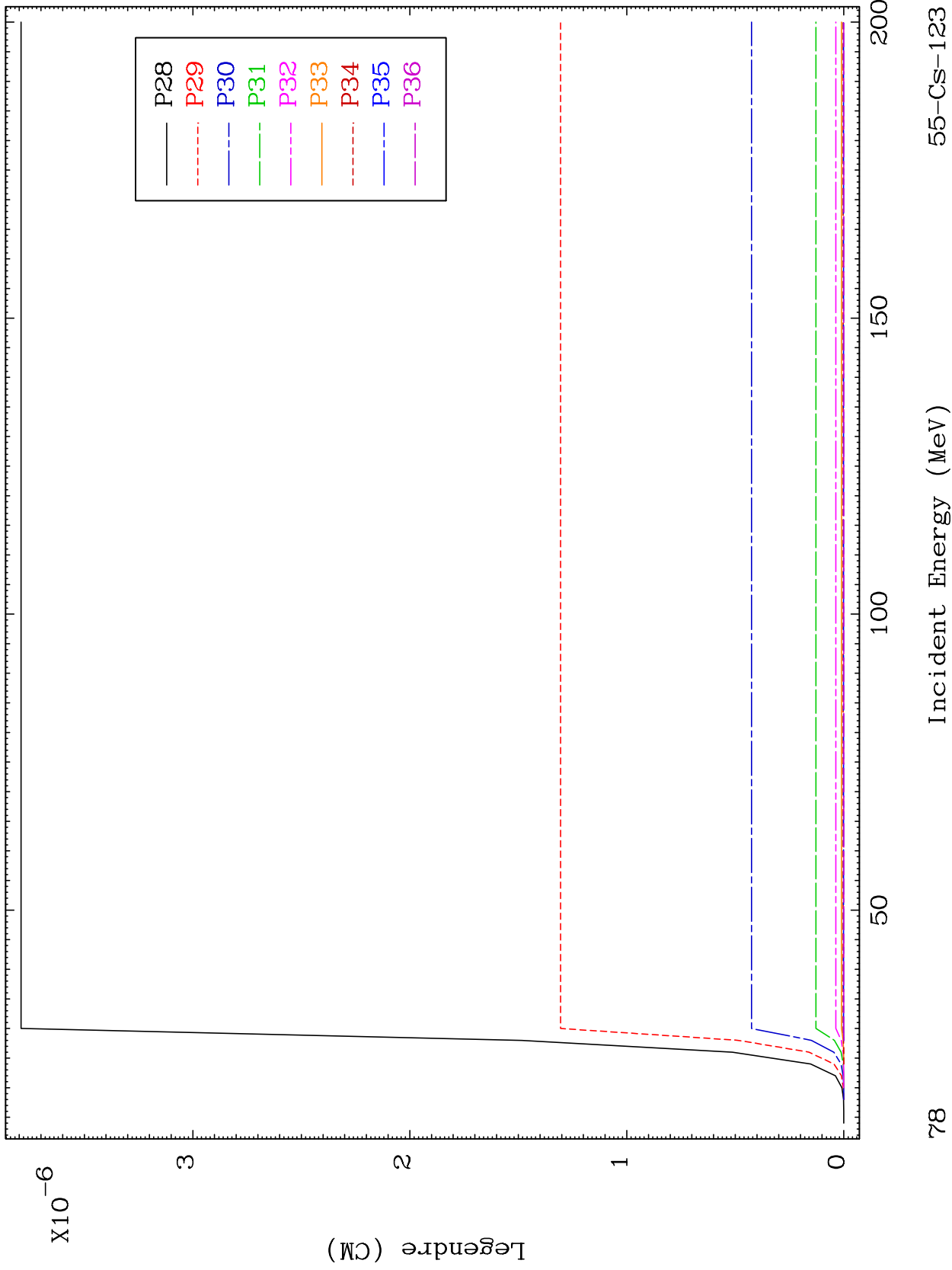
Incident Energy (MeV)

55-Cs-123

MAT 5495

588.5 keV (n,n') Level
Legendre Coefficients

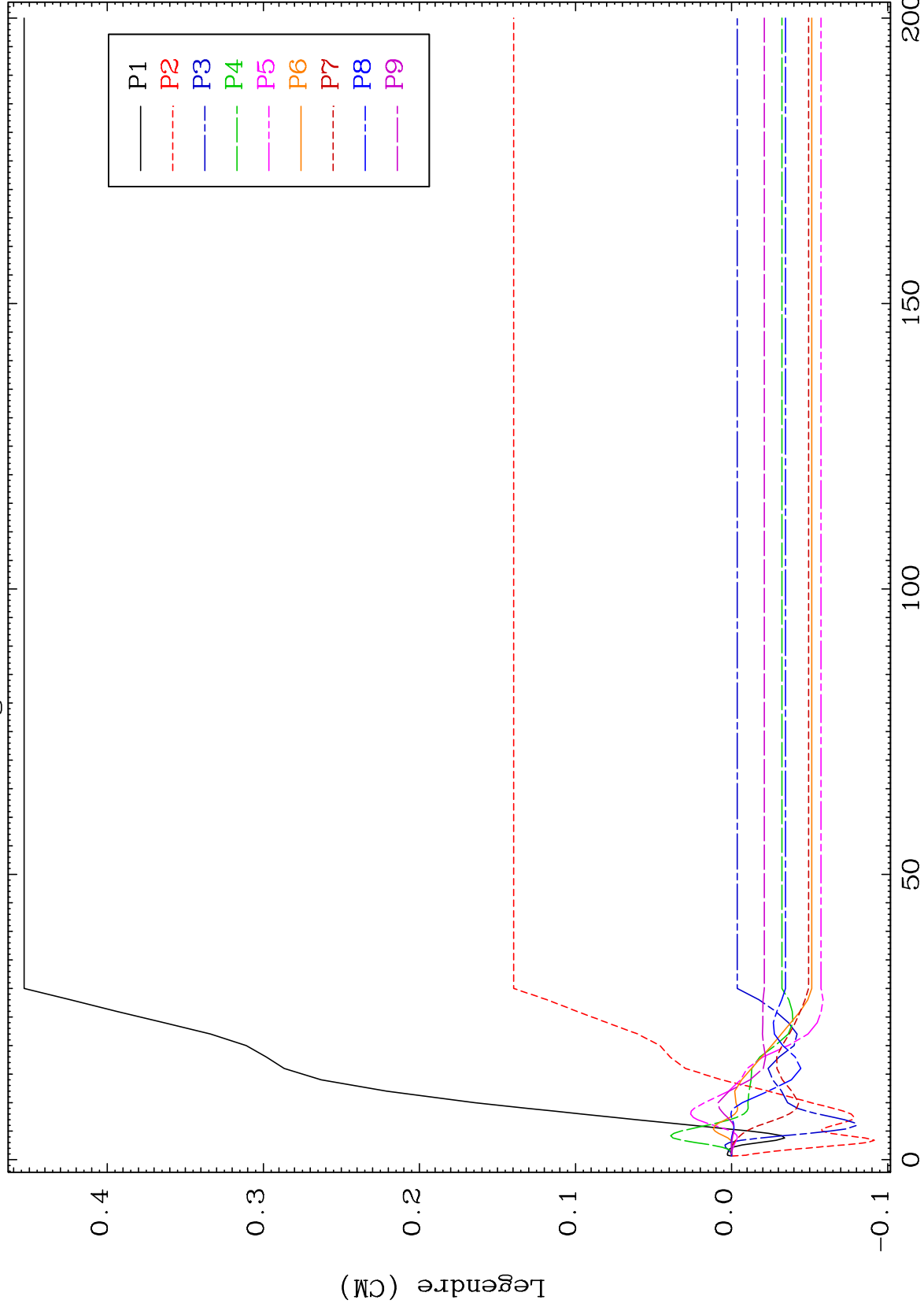
55-Cs-123



MAT 5495

620.9 keV (n,n') Level
Legendre Coefficients

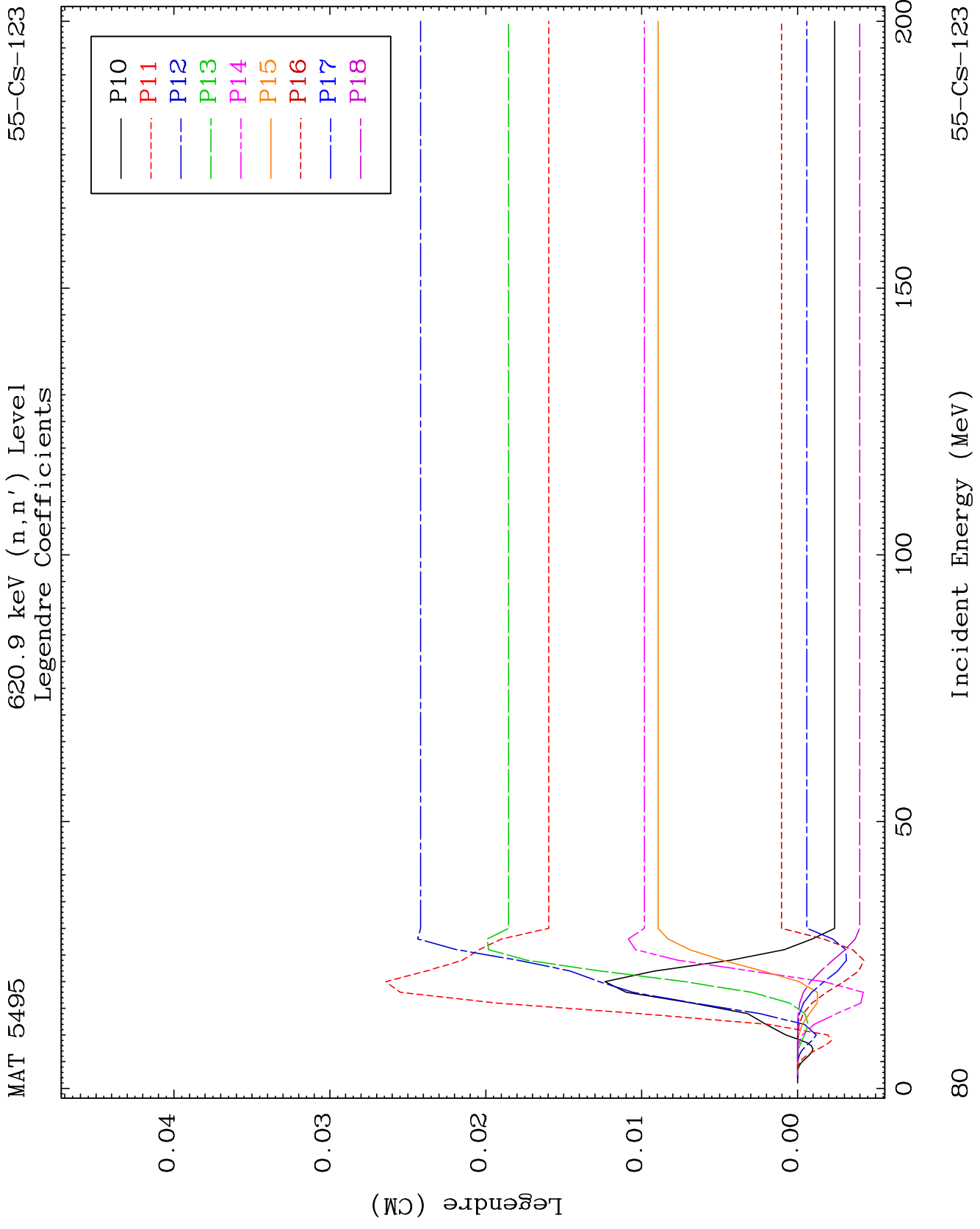
55-Cs-123

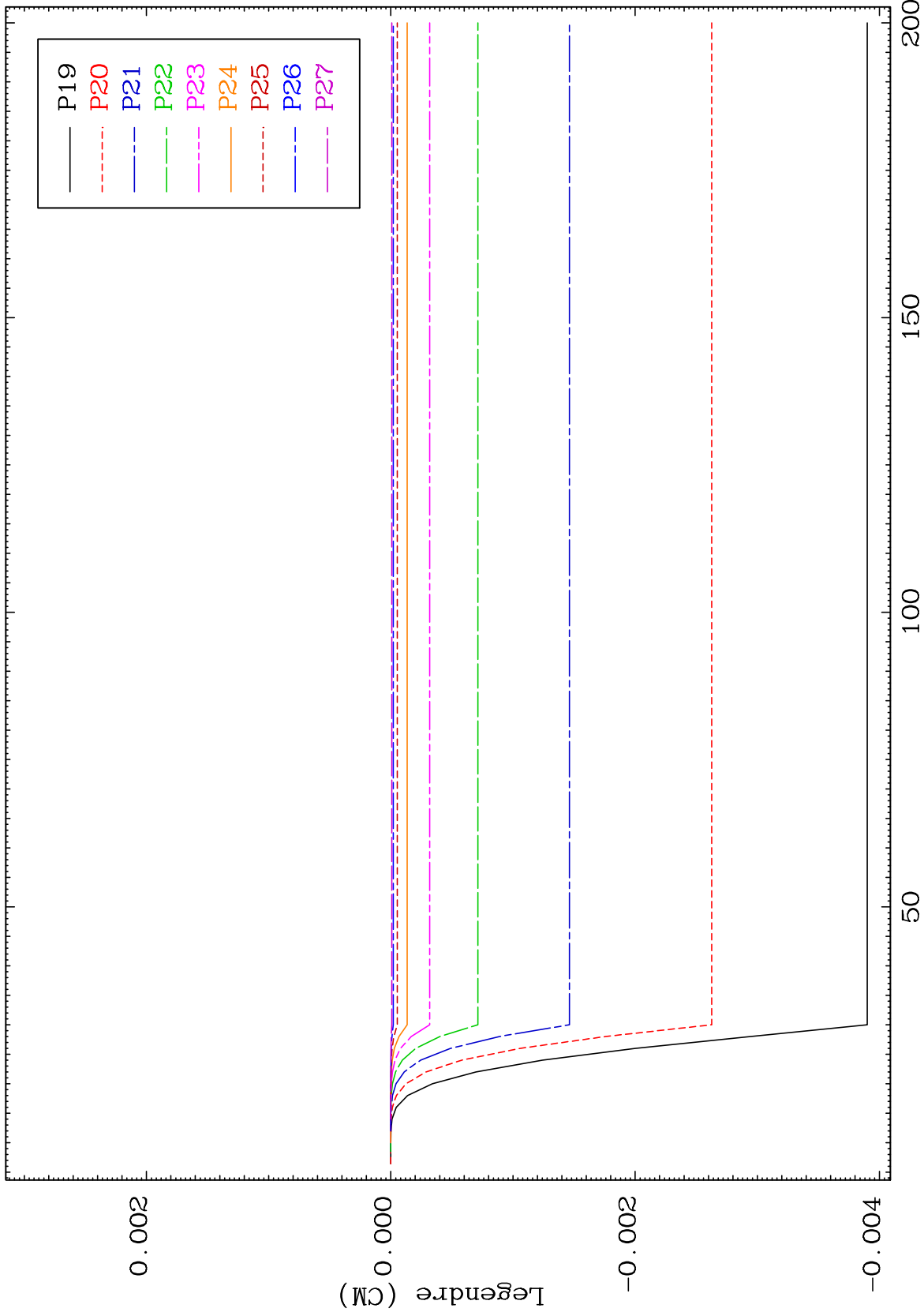


79

Incident Energy (MeV)

55-Cs-123

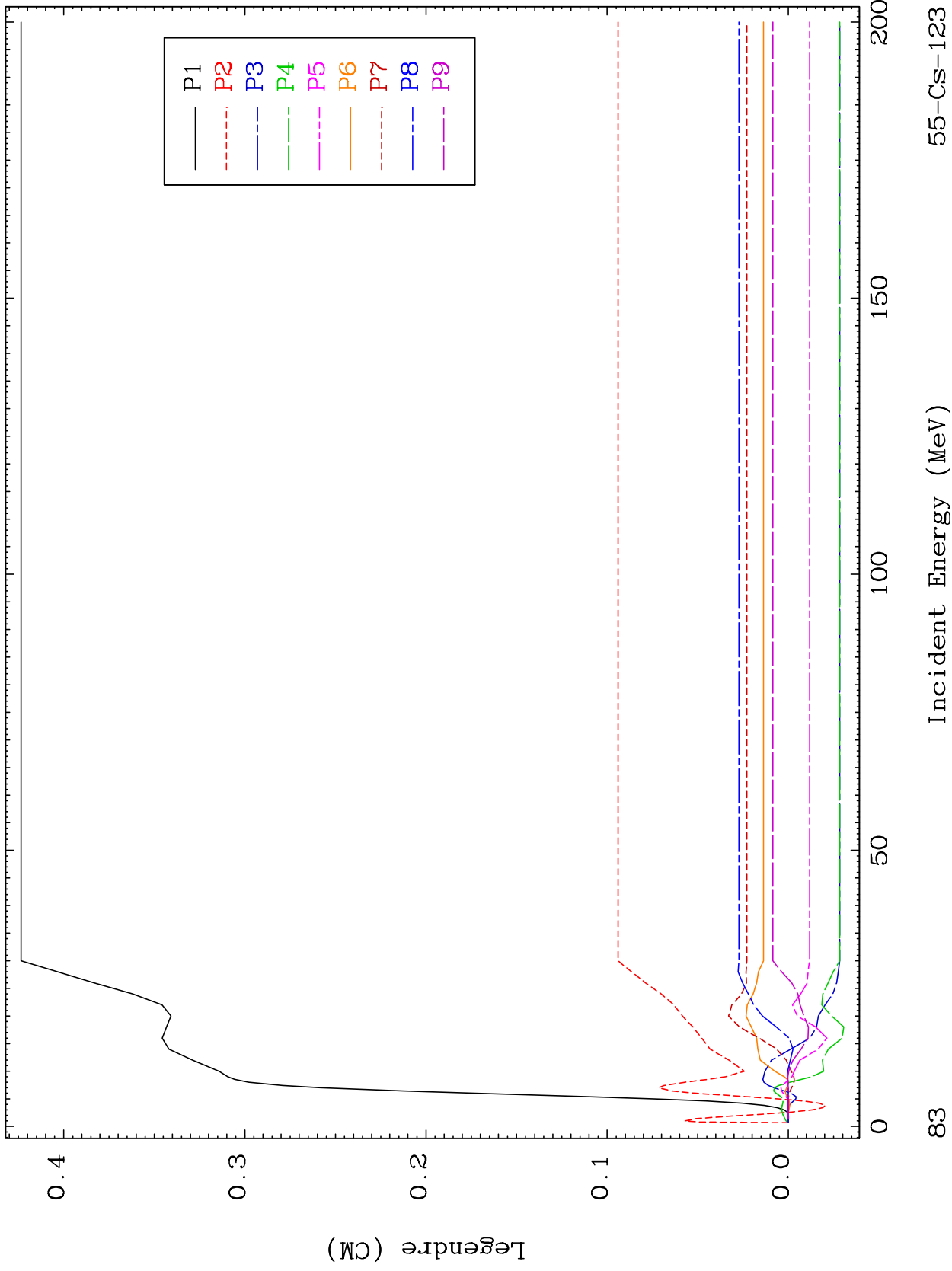




MAT 5495

659.9 keV (n,n') Level
Legendre Coefficients

55-Cs-123



83

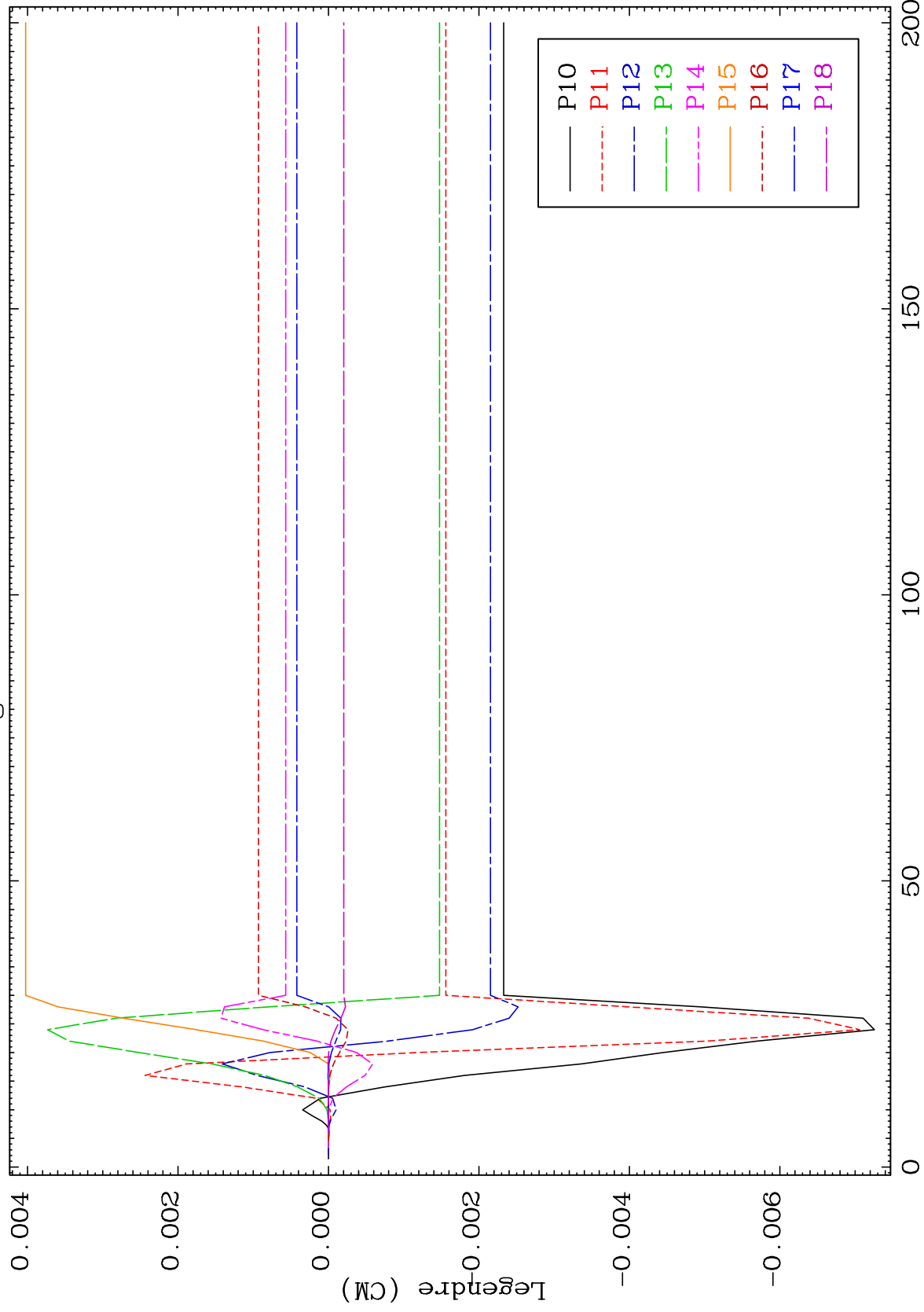
Incident Energy (MeV)

55-Cs-123

MAT 5495

659.9 keV (n,n') Level
Legendre Coefficients

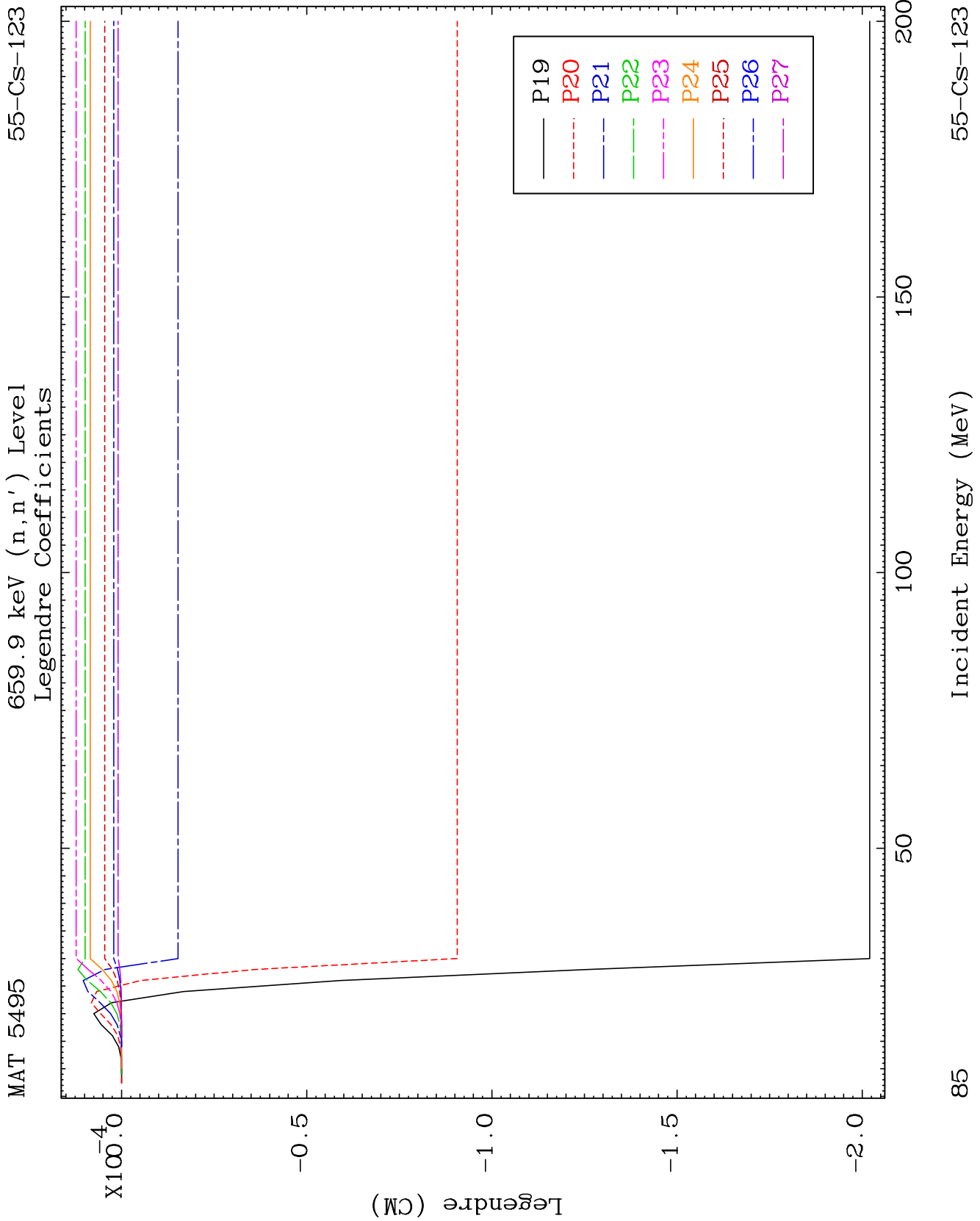
55-Cs-123



84

Incident Energy (MeV)

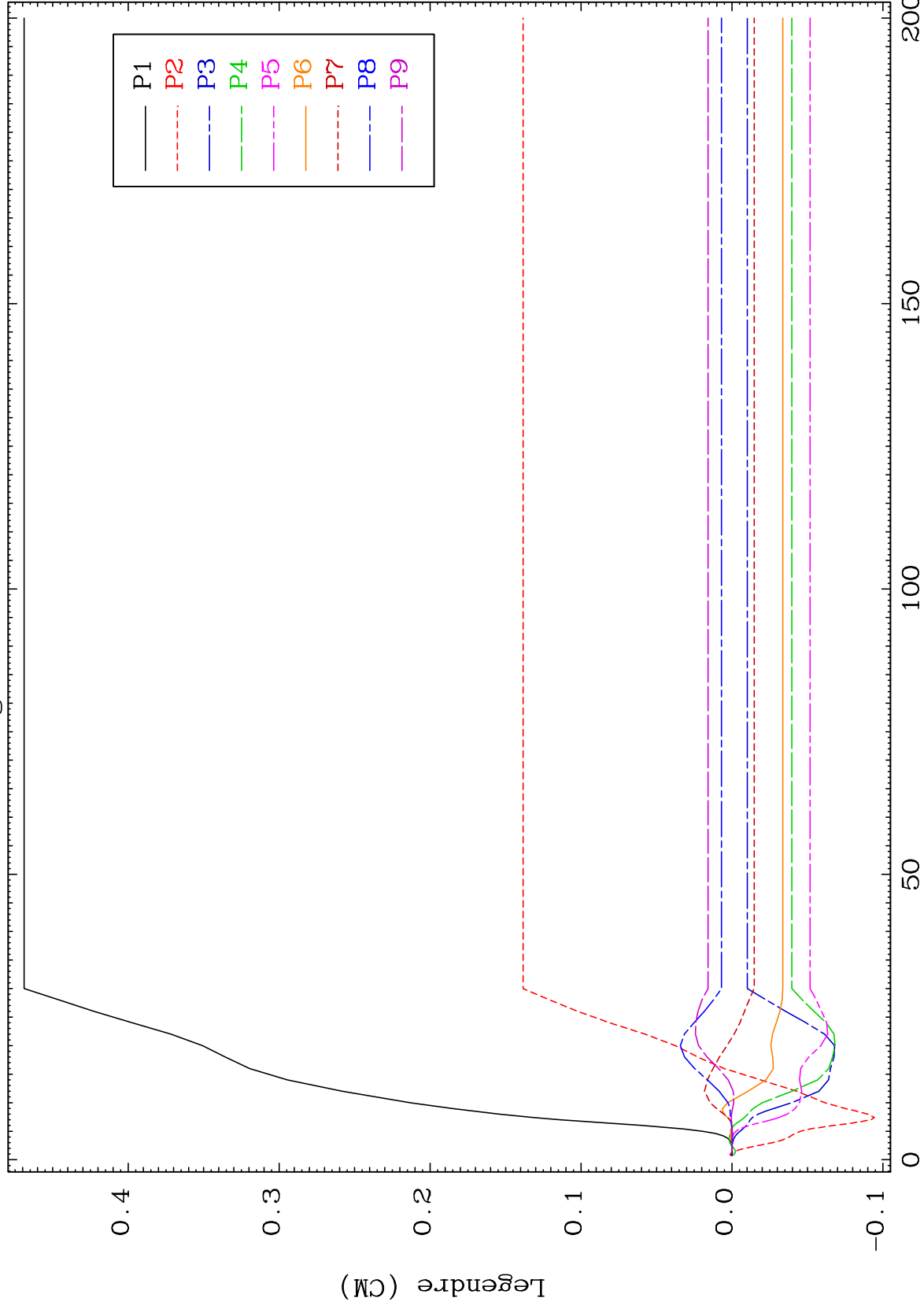
55-Cs-123



MAT 5495

699.1 keV (n,n') Level
Legendre Coefficients

55-Cs-123



87

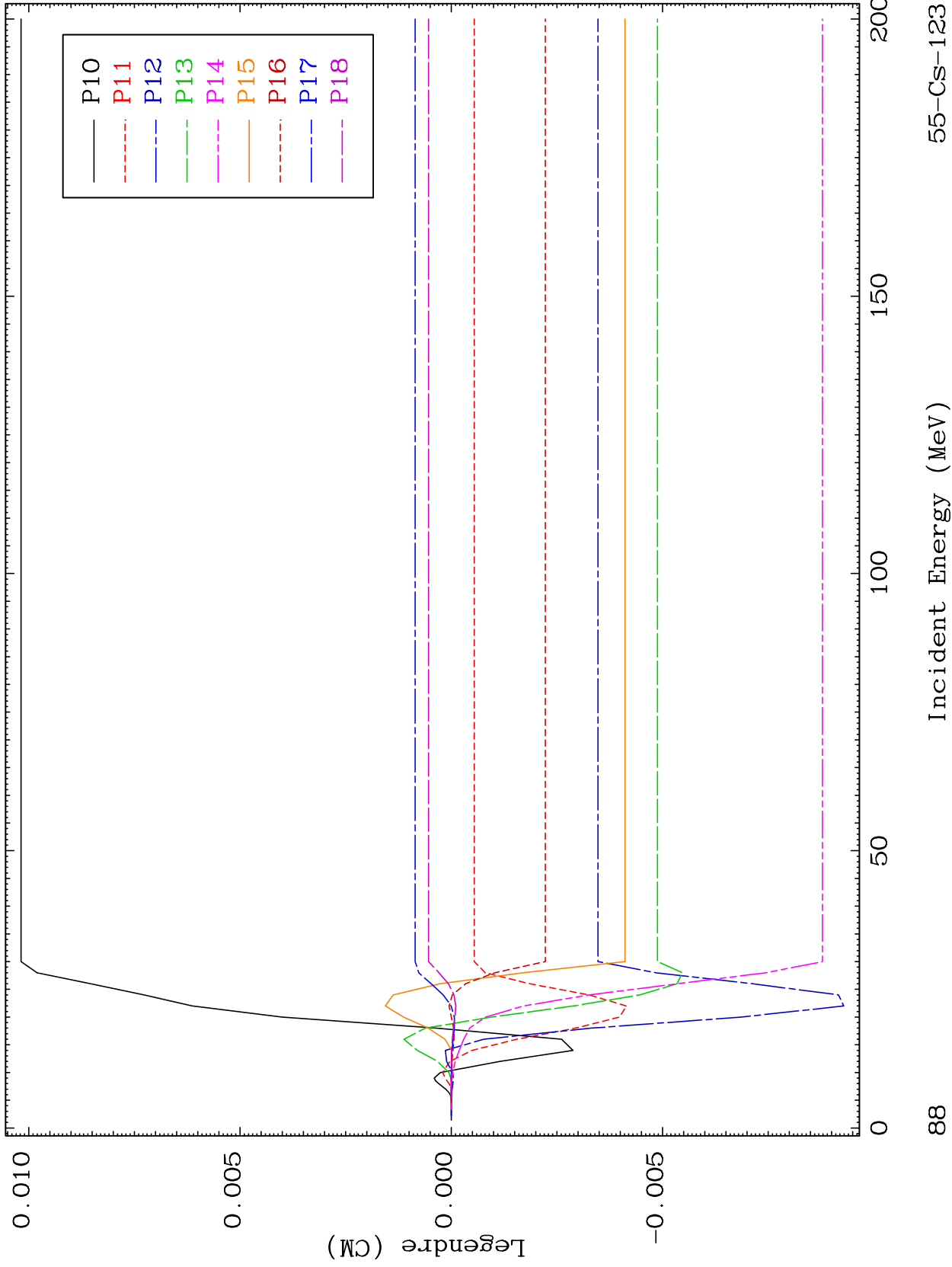
Incident Energy (MeV)

55-Cs-123

MAT 5495

699.1 keV (n,n') Level
Legendre Coefficients

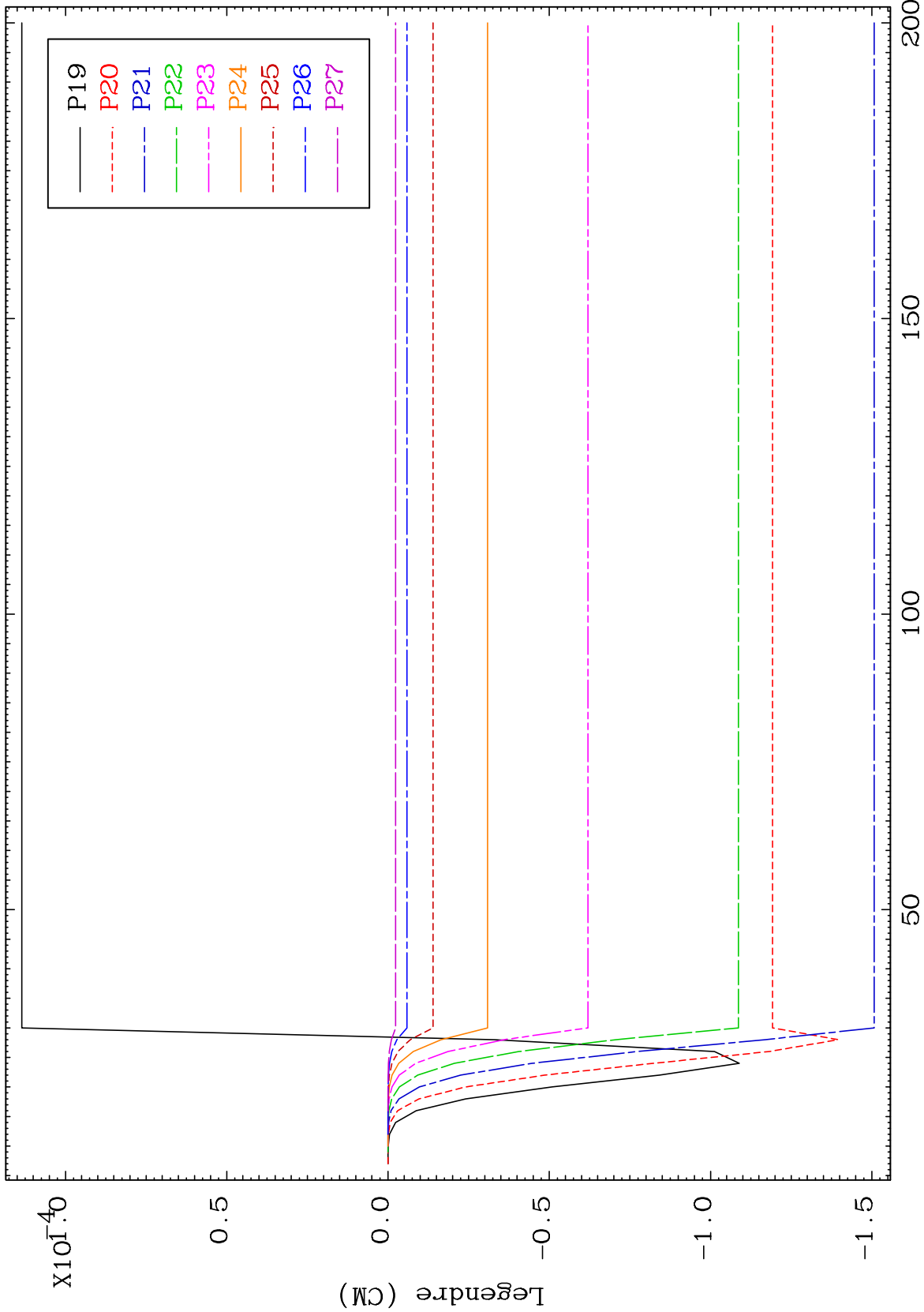
55-Cs-123

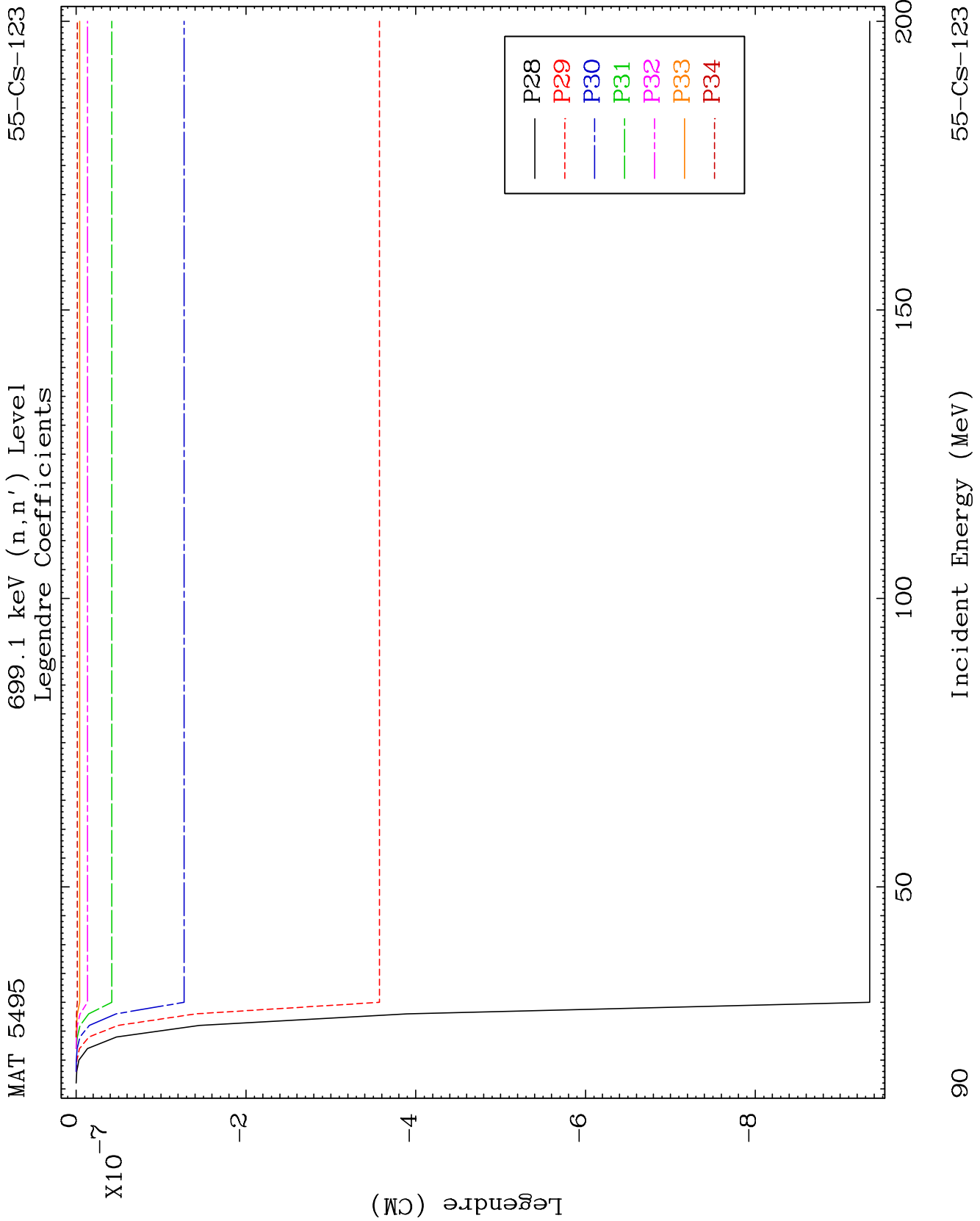


88

Incident Energy (MeV)

55-Cs-123

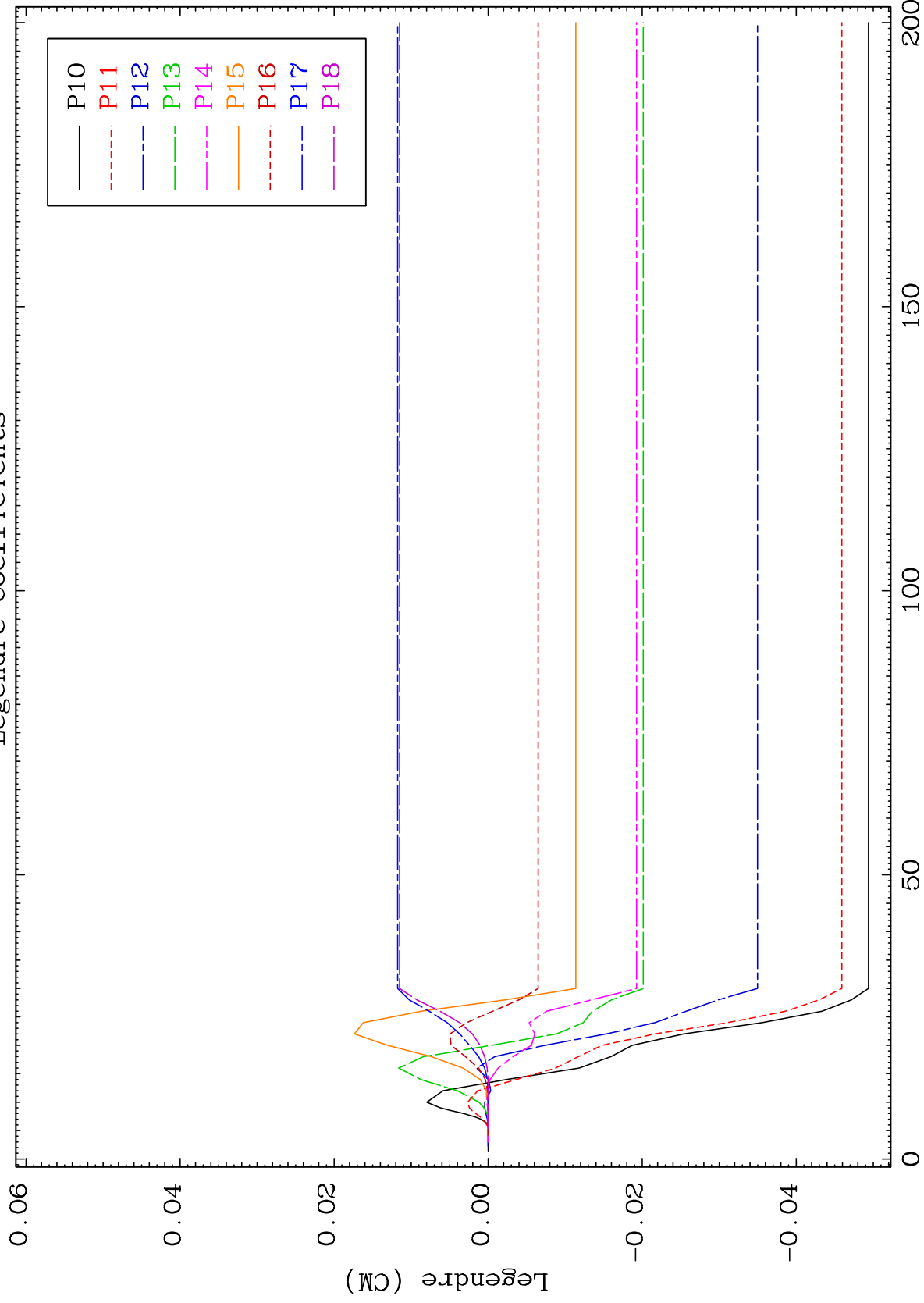




MAT 5495

728.0 keV (n,n') Level
Legendre Coefficients

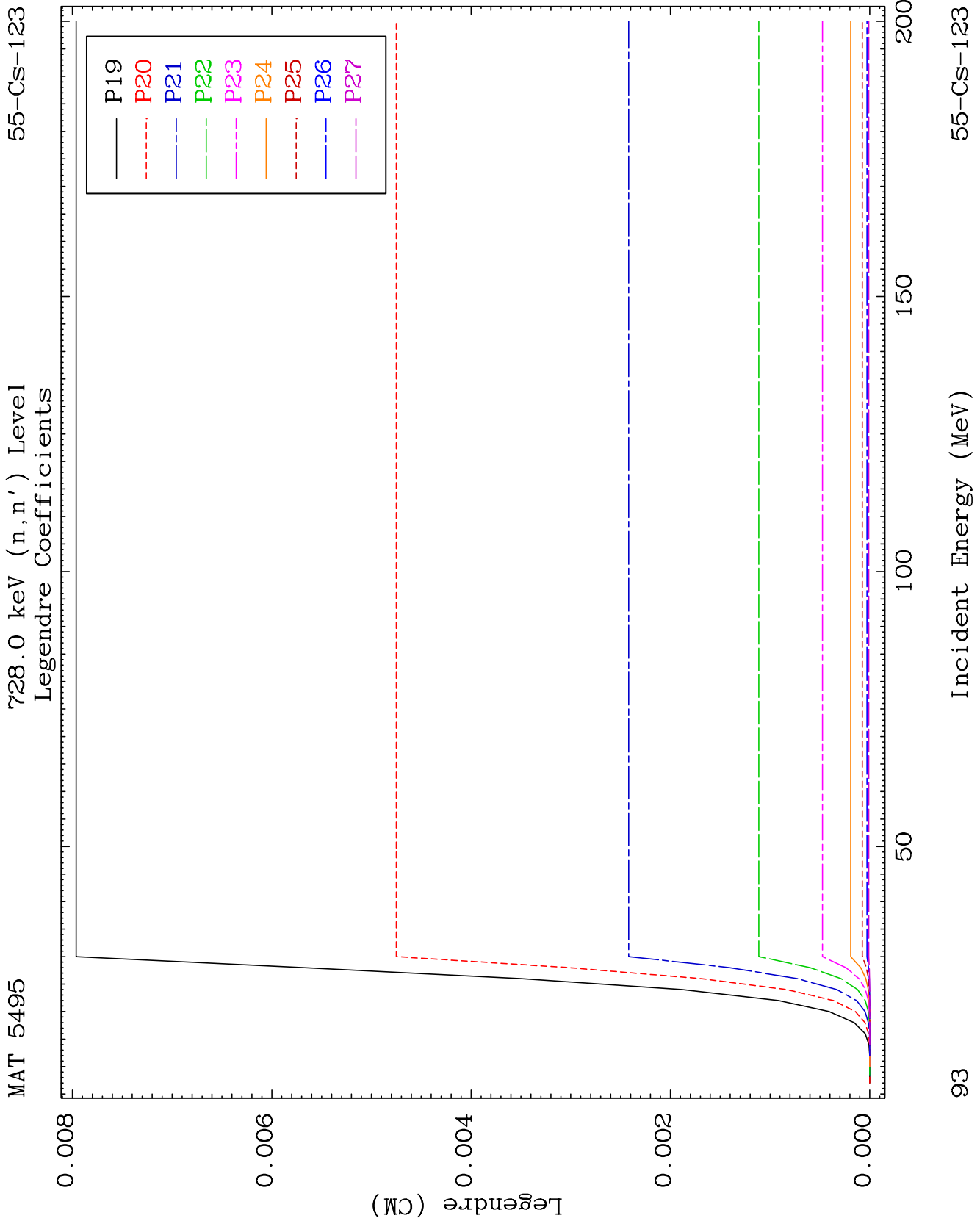
55-Cs-123



92

Incident Energy (MeV)

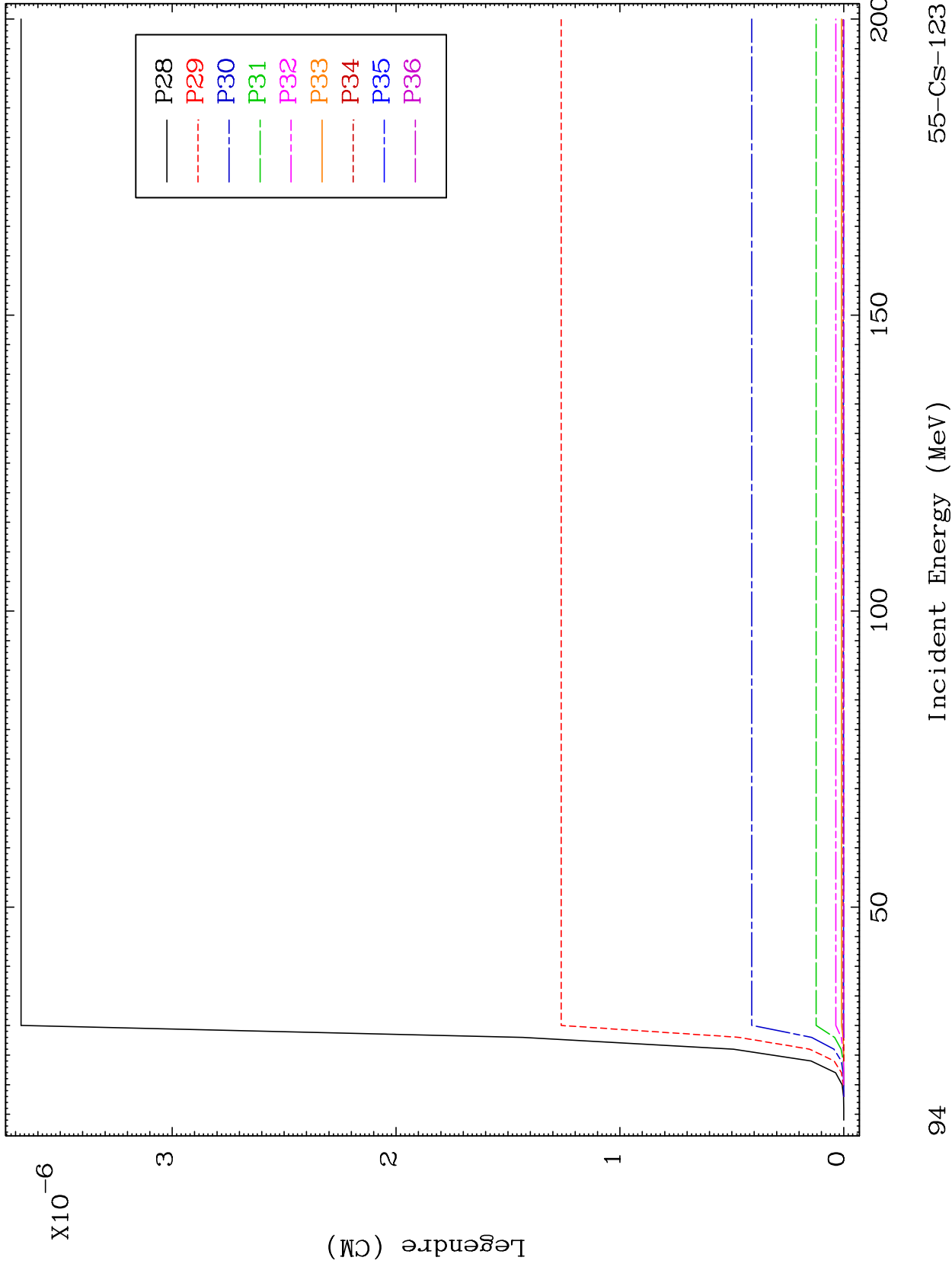
55-Cs-123

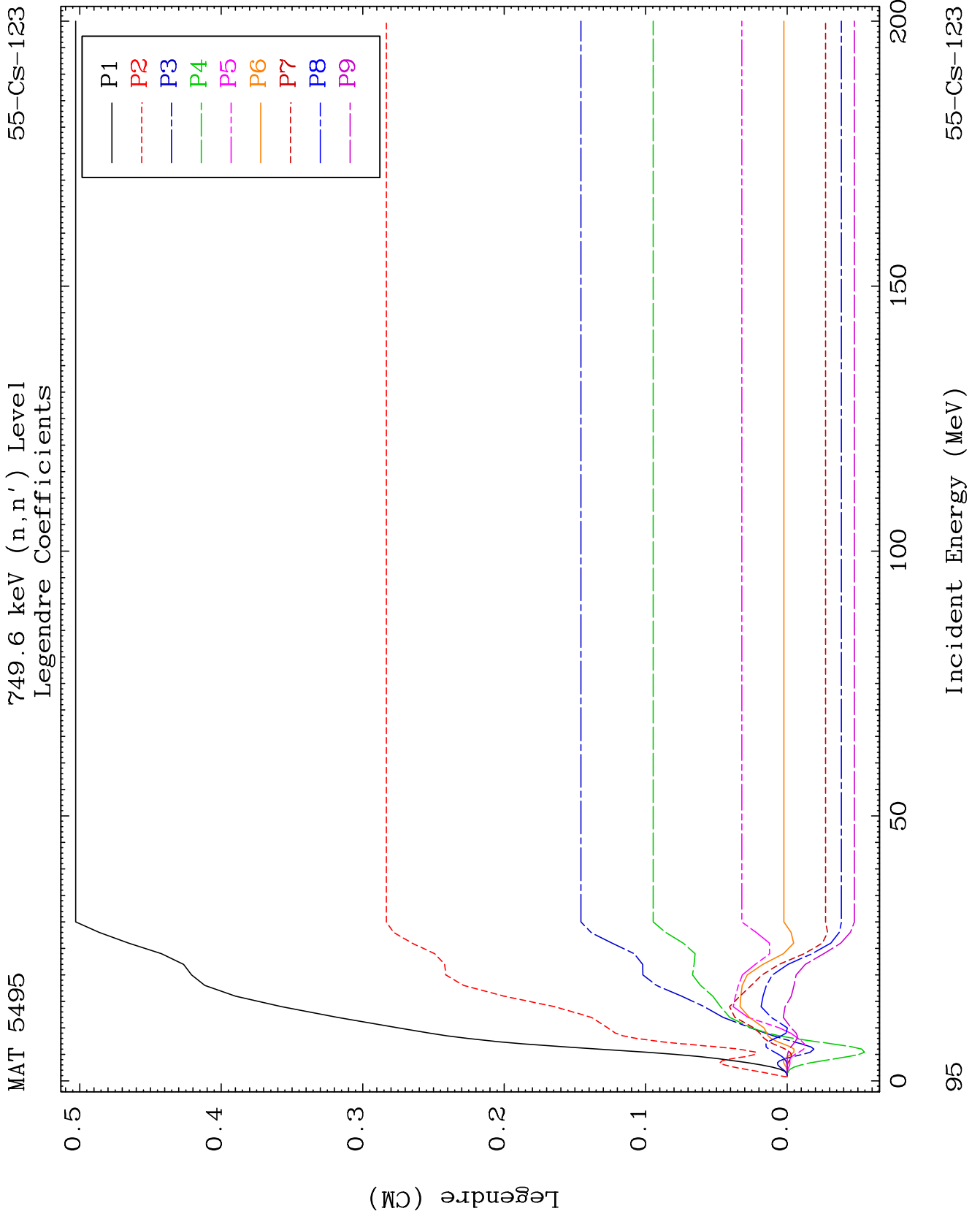


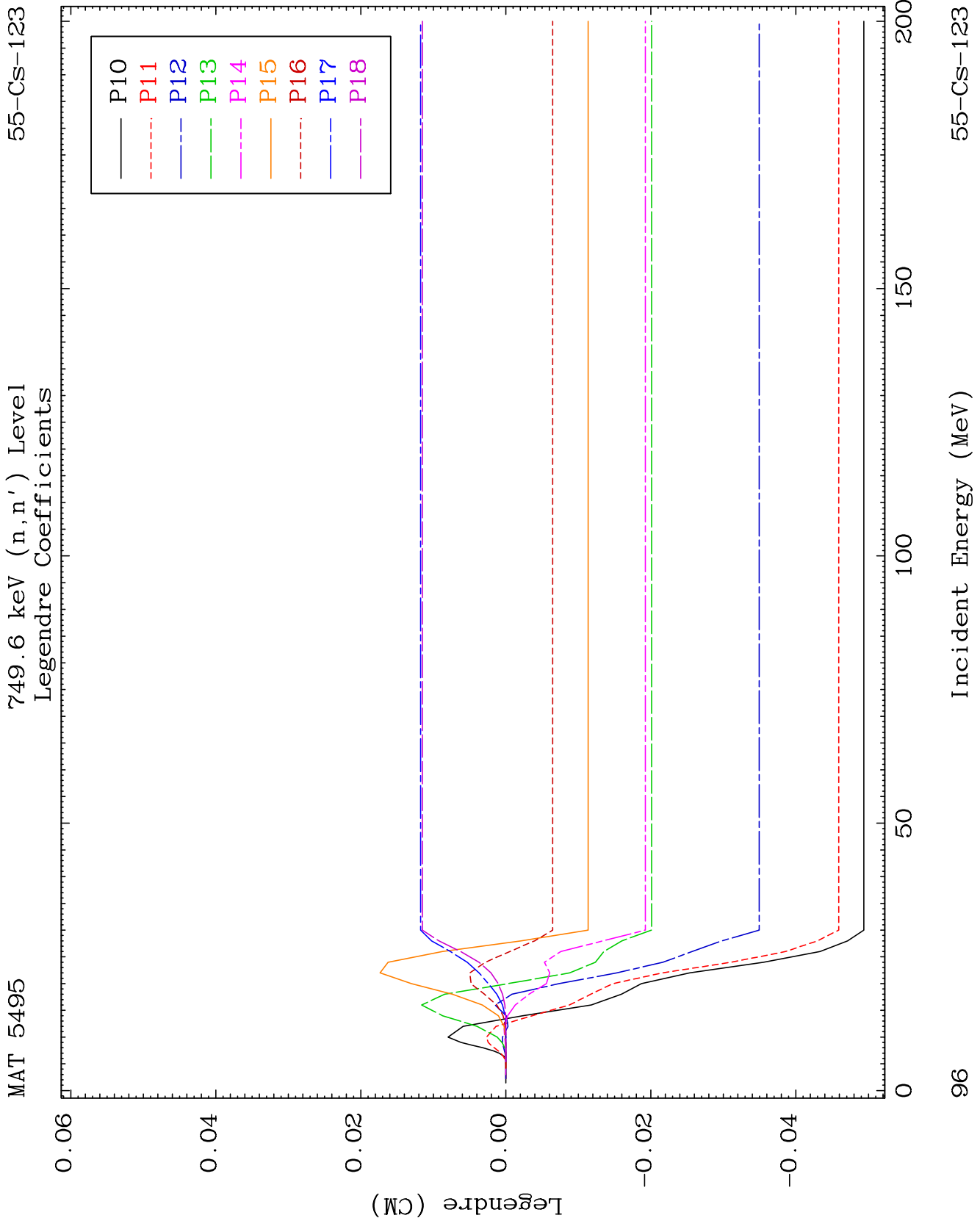
MAT 5495

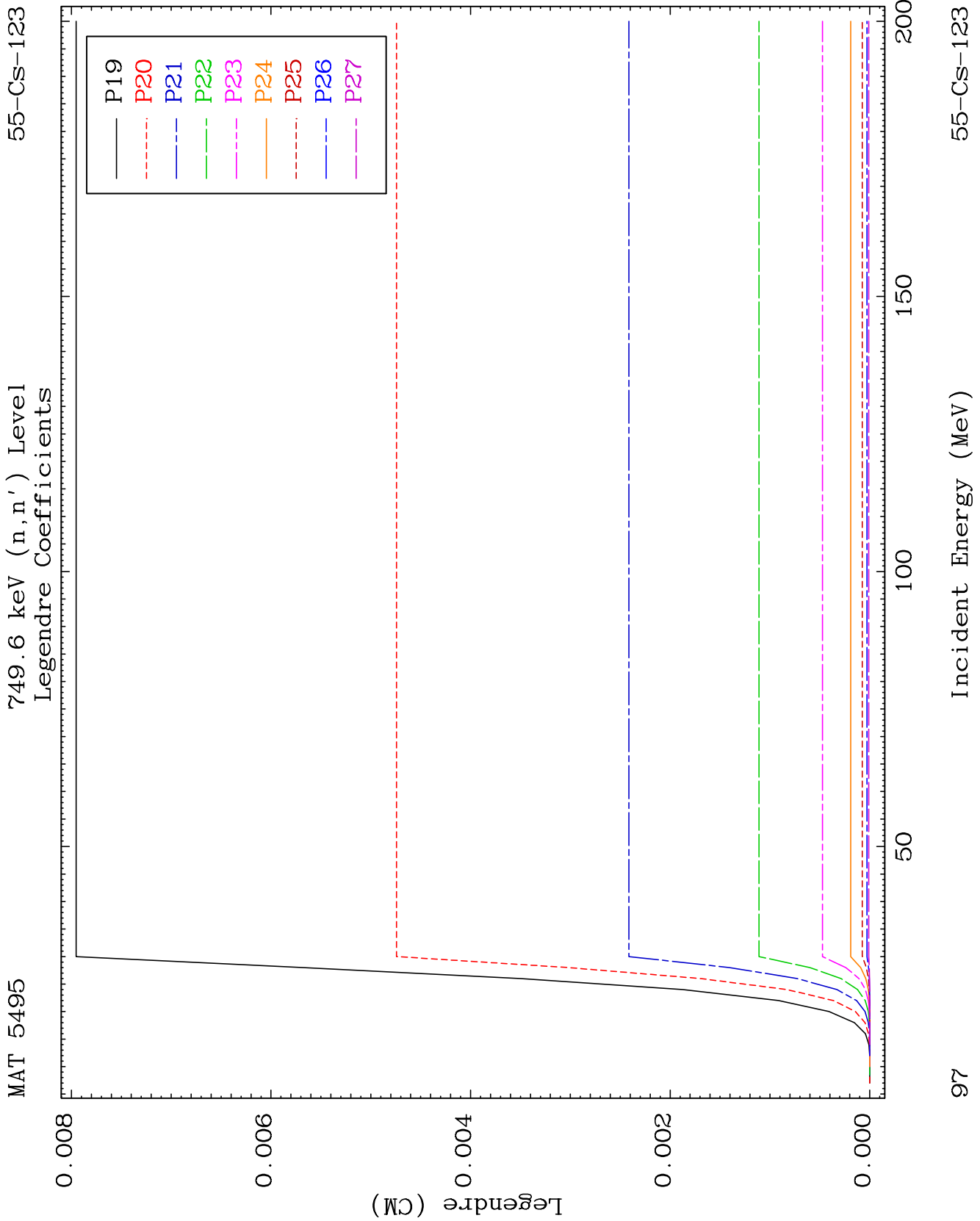
728.0 keV (n,n') Level
Legendre Coefficients

55-Cs-123





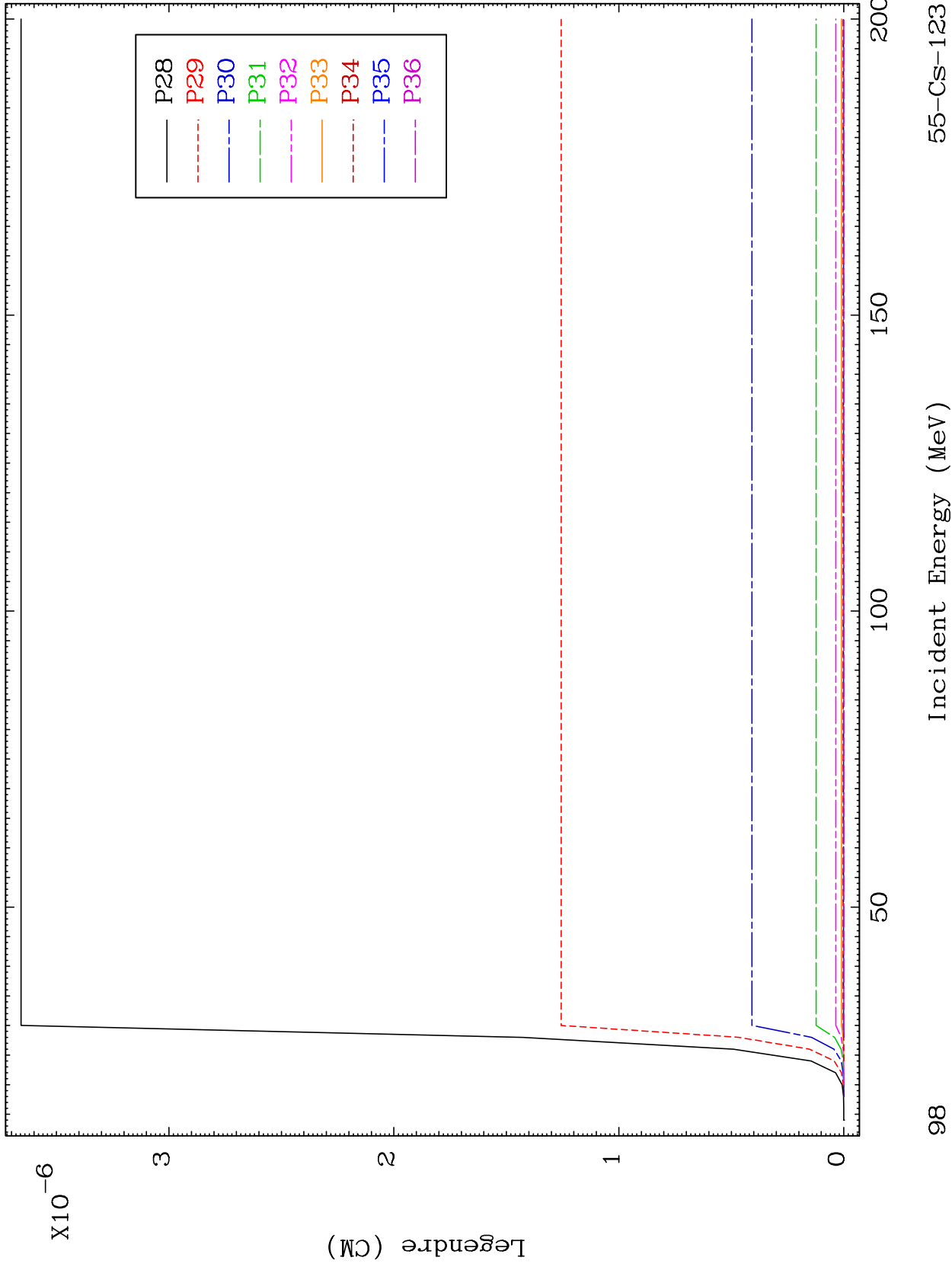




MAT 5495

749.6 keV (n,n') Level
Legendre Coefficients

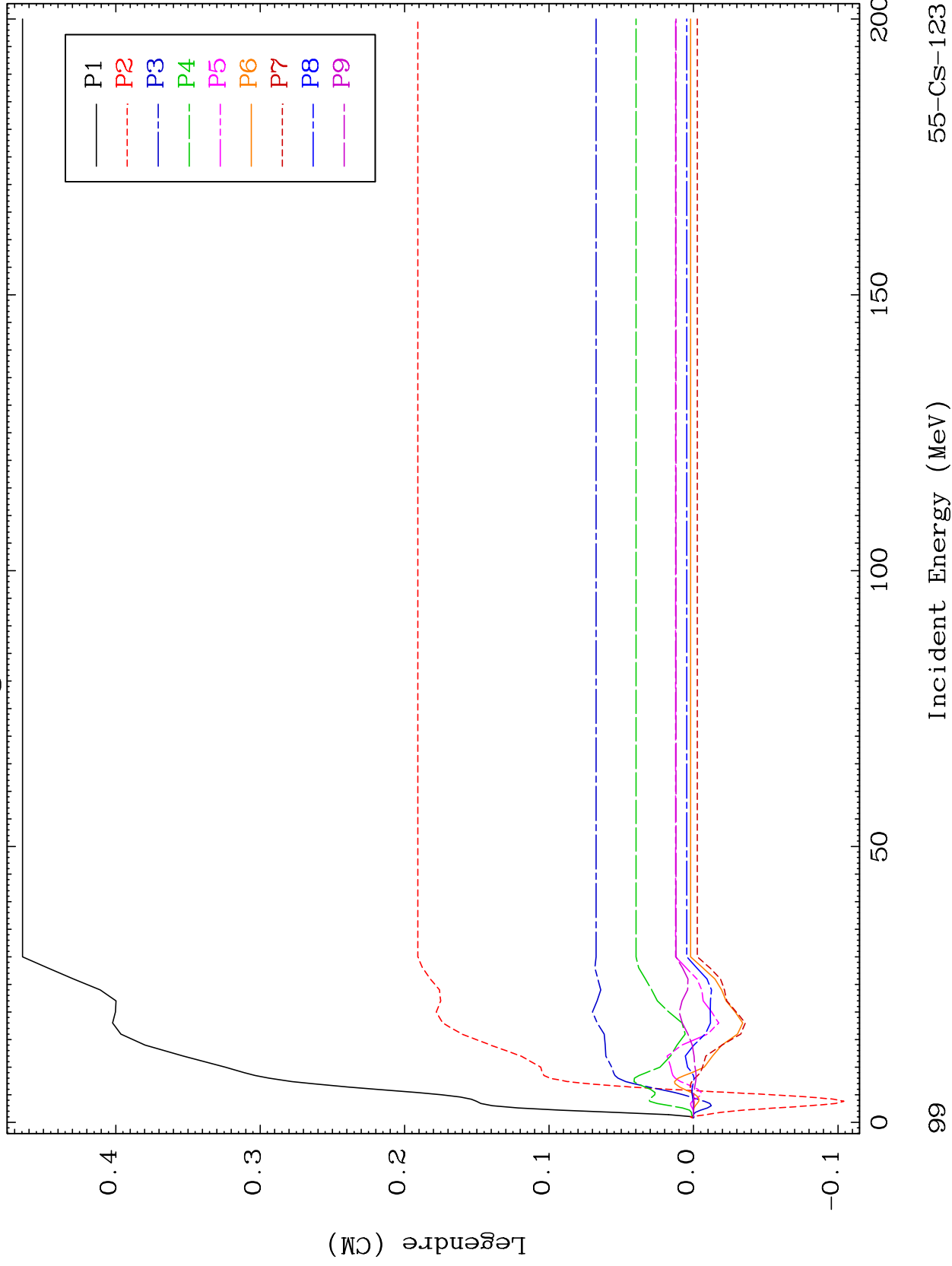
55-Cs-123



MAT 5495

784.4 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

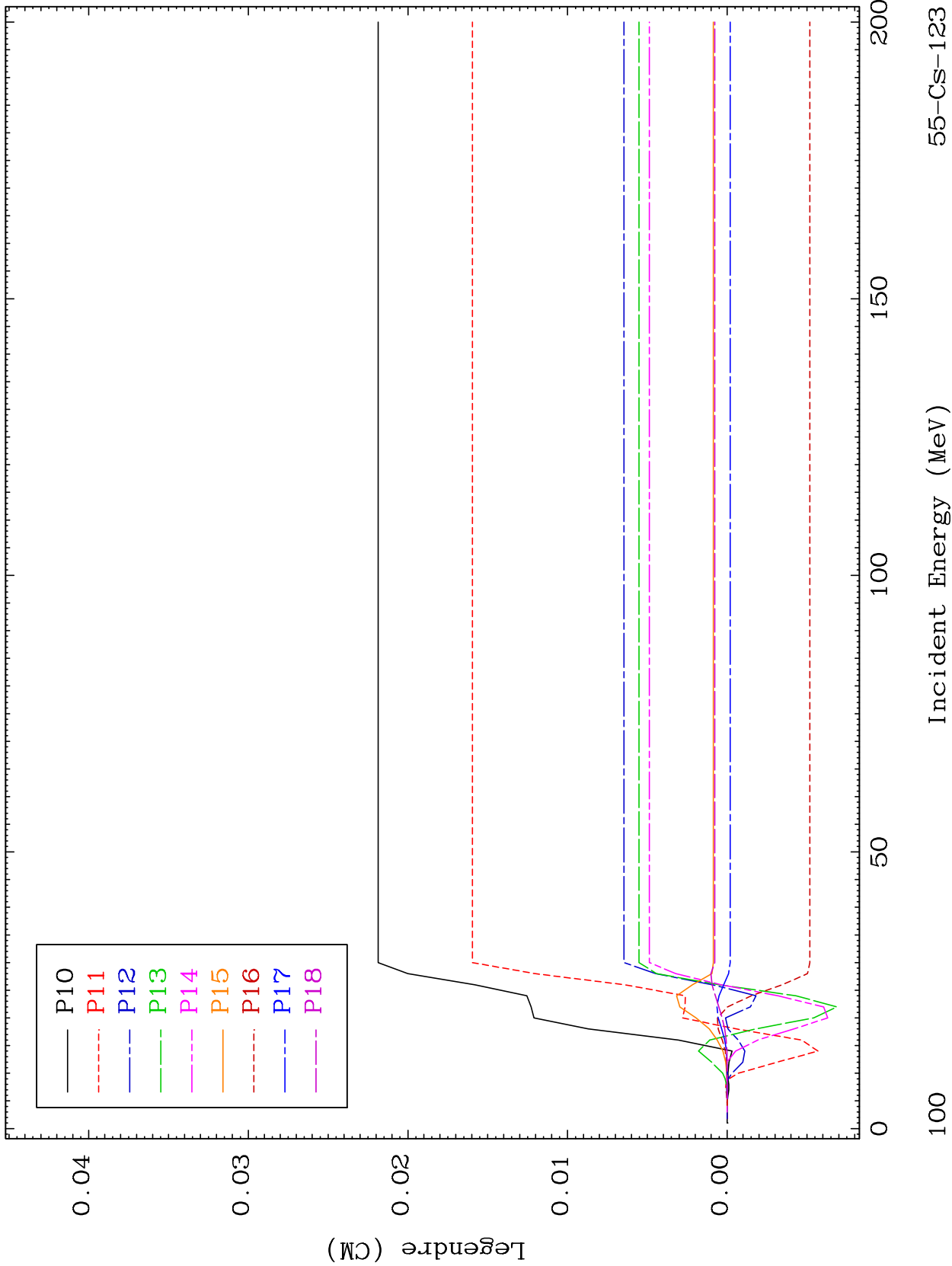
Incident Energy (MeV)

99

MAT 5495

784.4 keV (n,n') Level
Legendre Coefficients

55-Cs-123



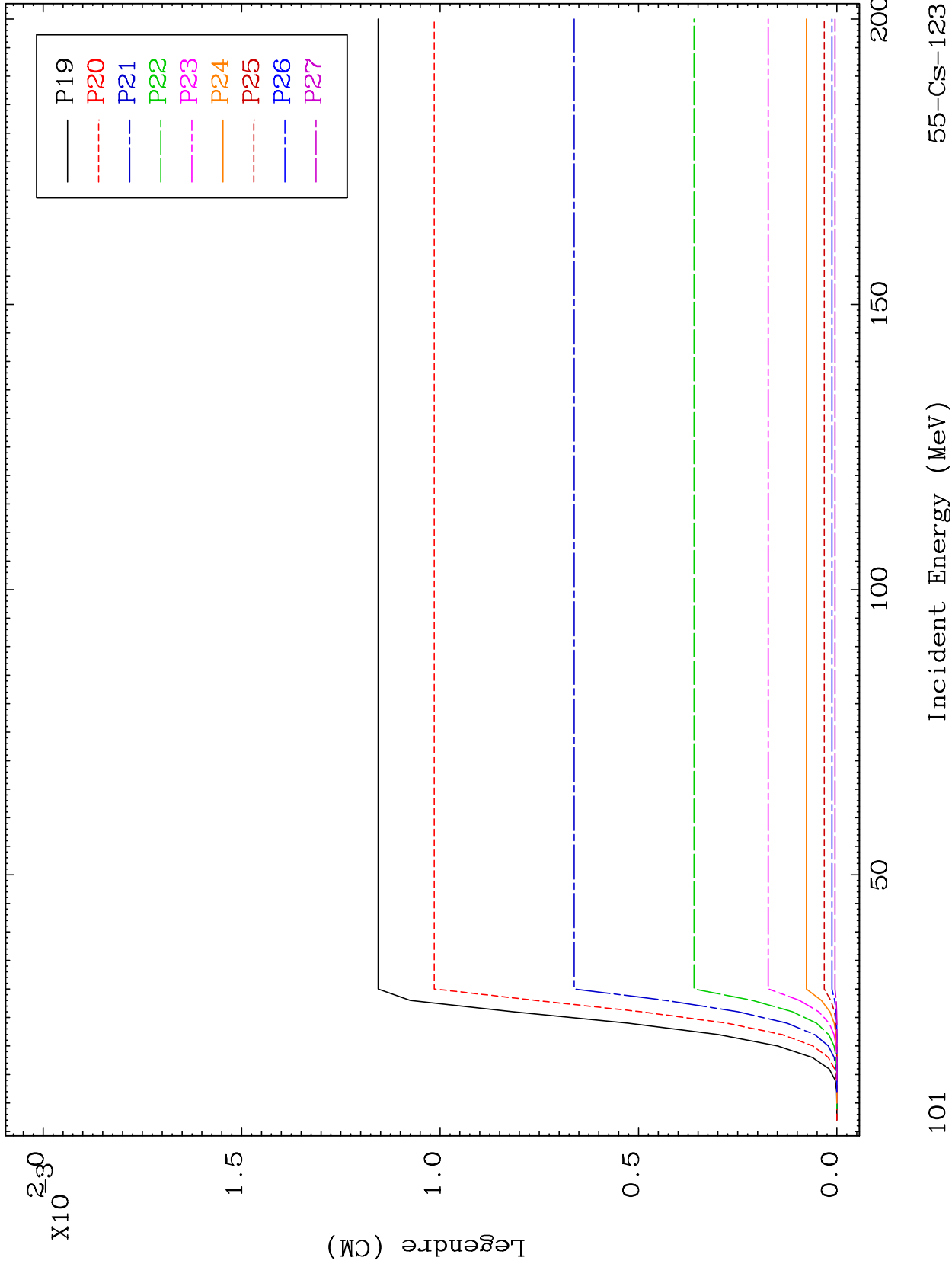
55-Cs-123

Incident Energy (MeV)

MAT 5495

784.4 keV (n,n') Level
Legendre Coefficients

55-Cs-123



101

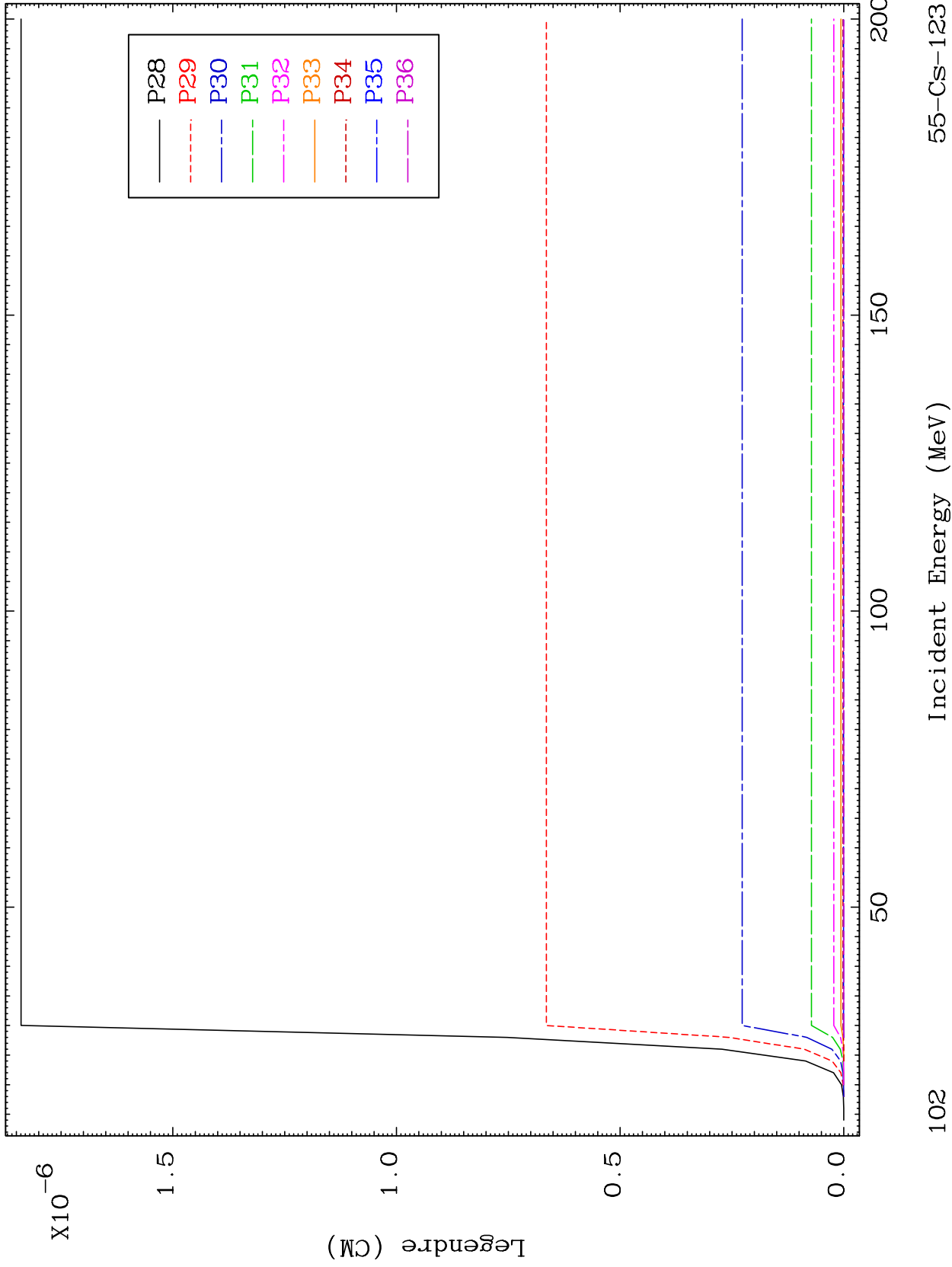
Incident Energy (MeV)

55-Cs-123

MAT 5495

784.4 keV (n,n') Level
Legendre Coefficients

55-Cs-123



102

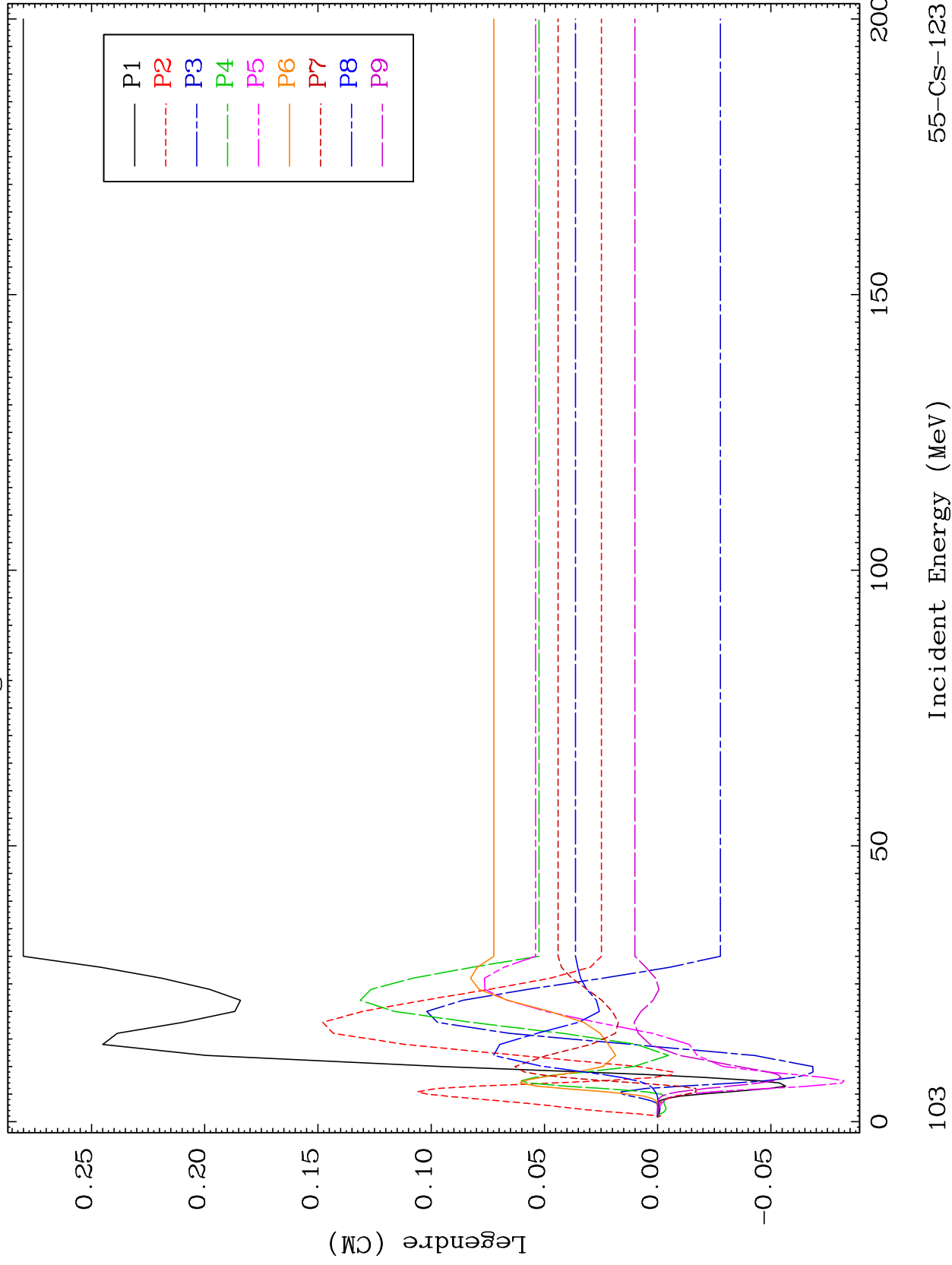
Incident Energy (MeV)

55-Cs-123

MAT 5495

811.2 keV (n,n') Level
Legendre Coefficients

55-Cs-123

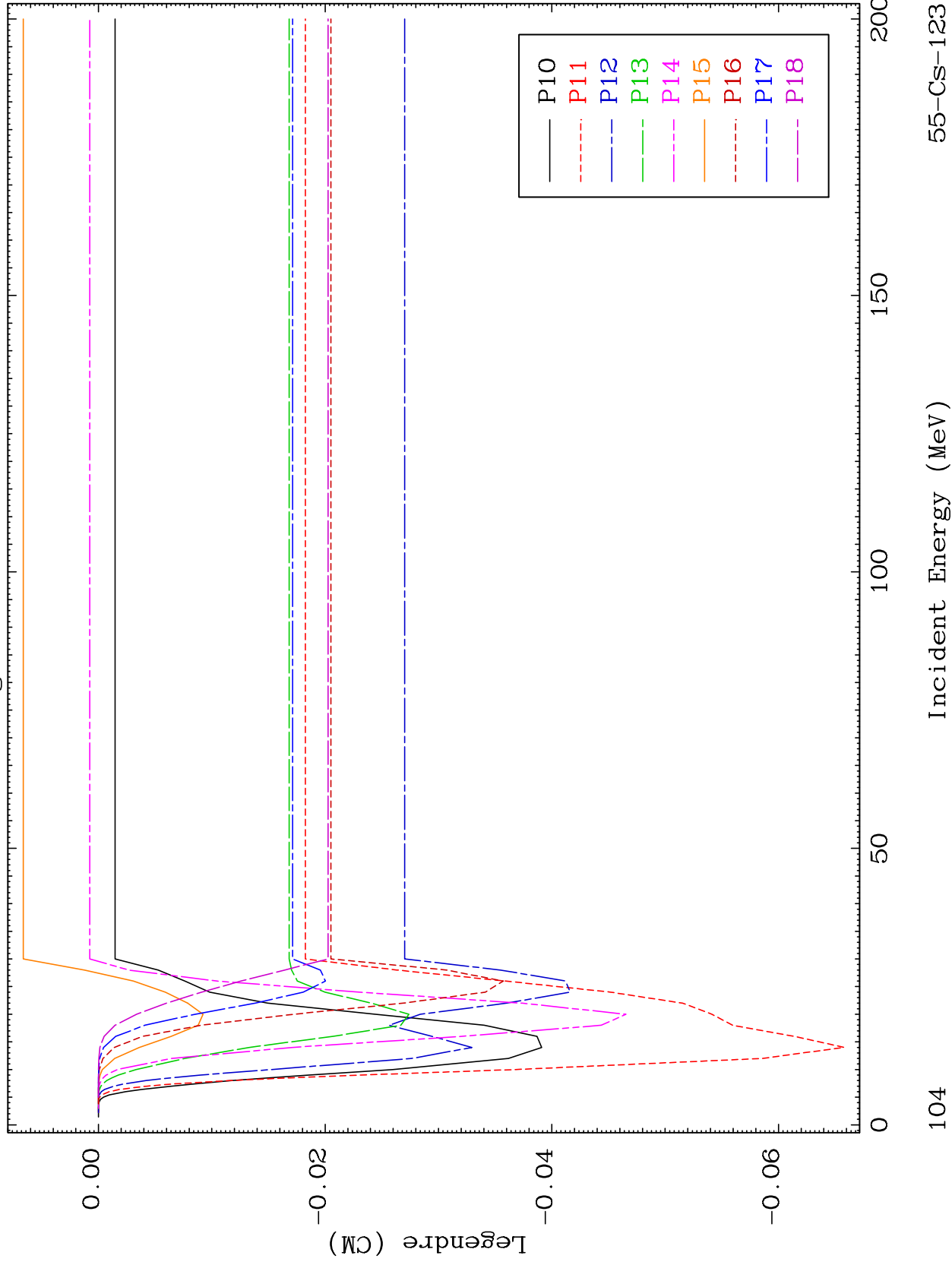


103

MAT 5495

811.2 keV (n,n') Level
Legendre Coefficients

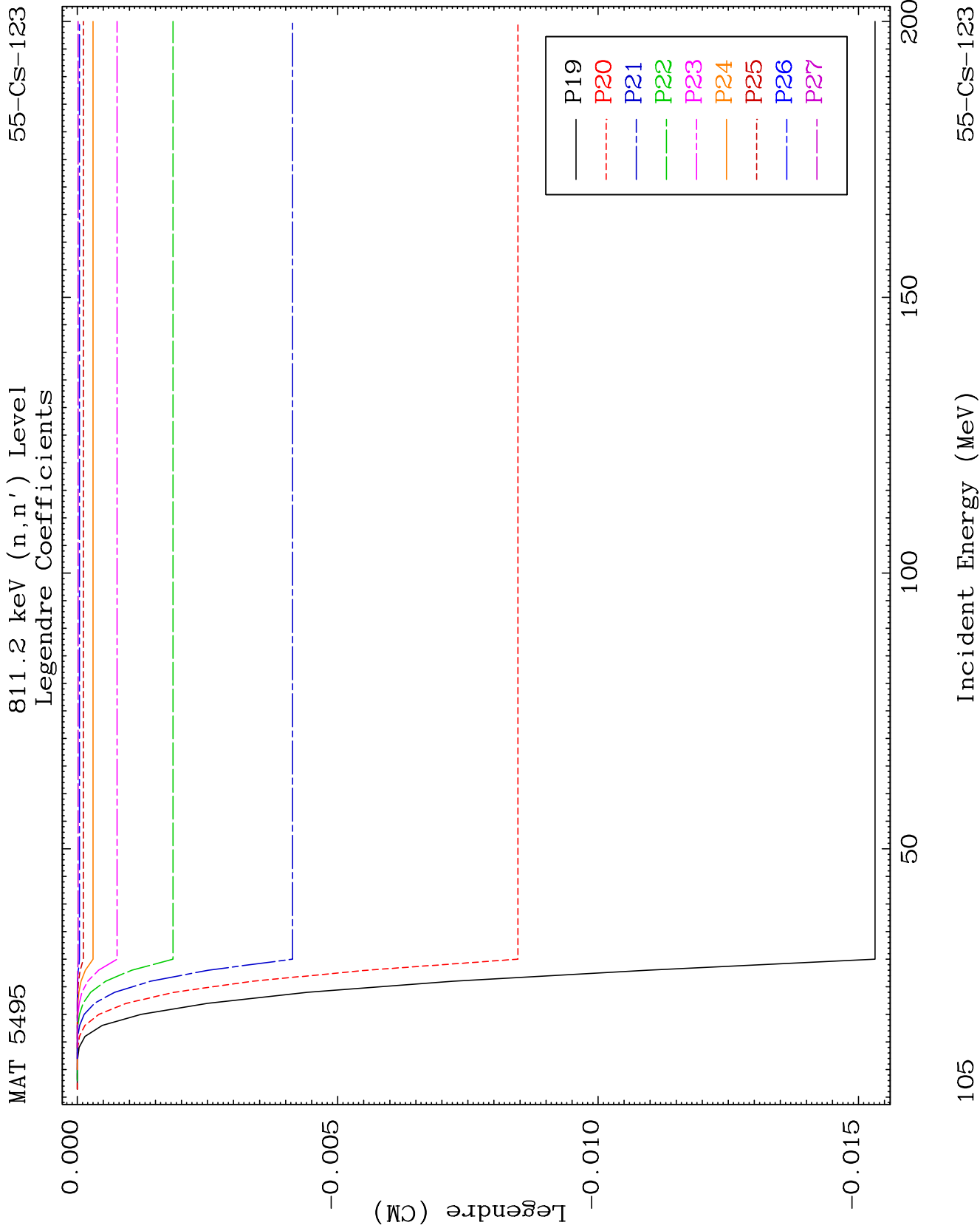
55-Cs-123

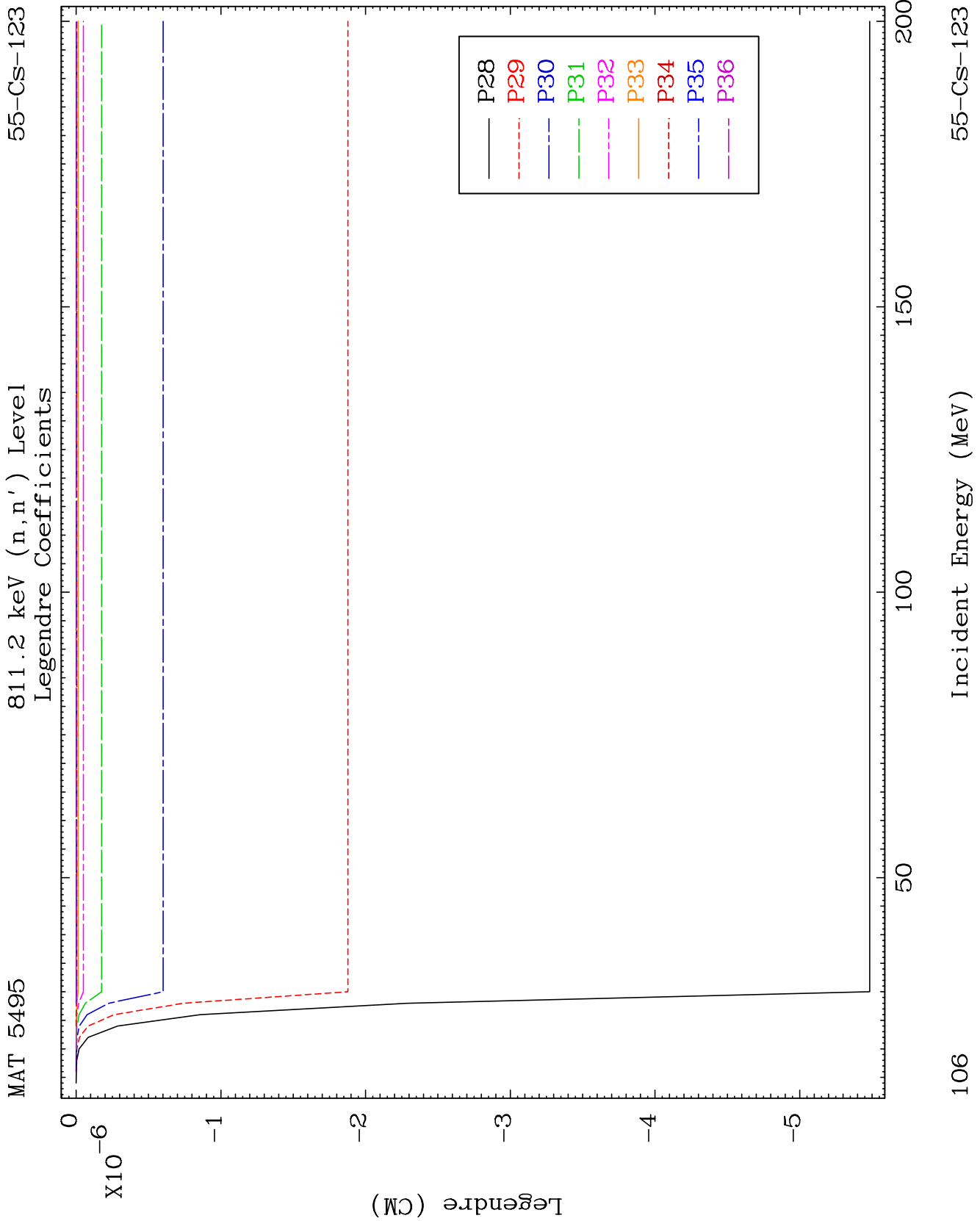


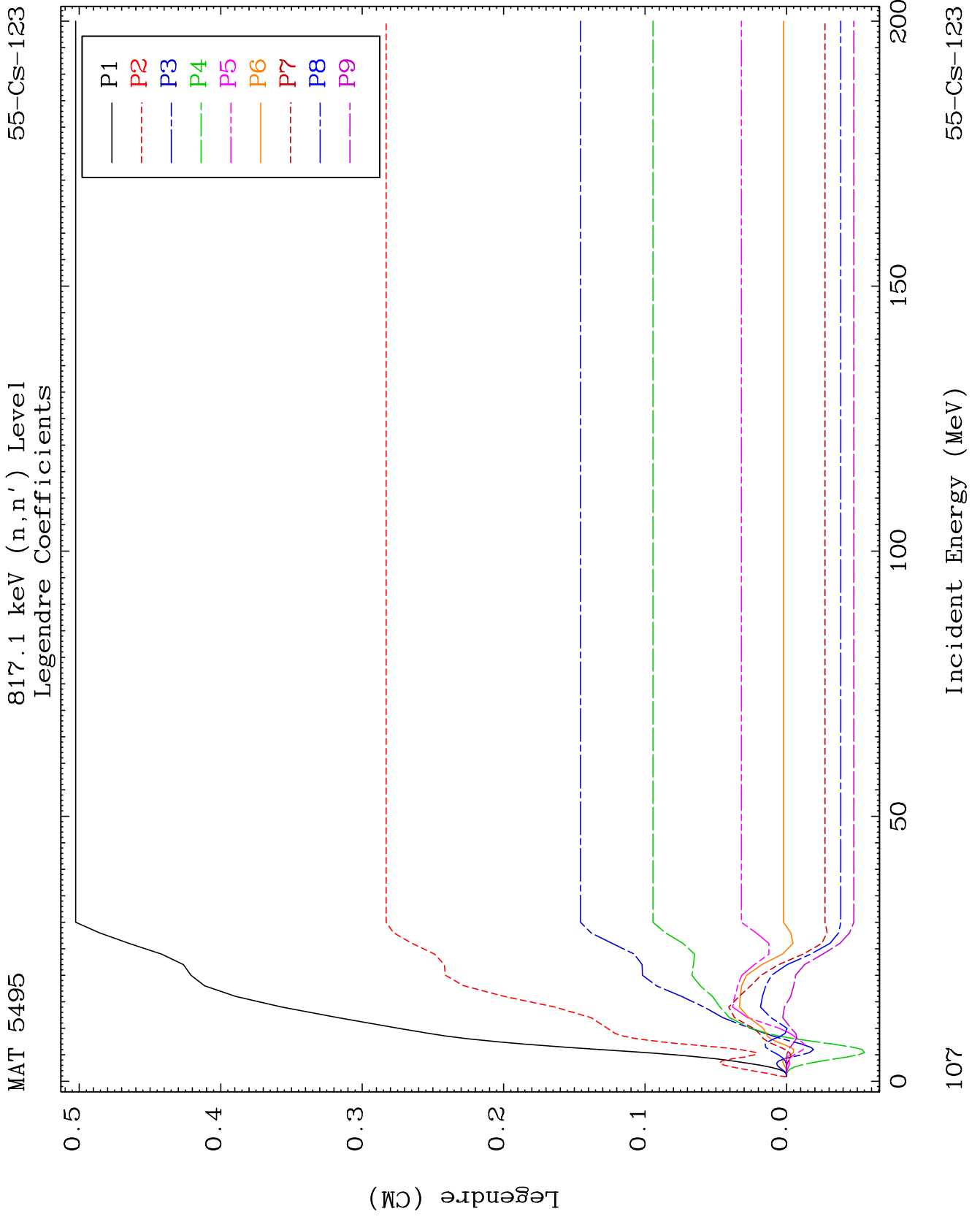
55-Cs-123

Incident Energy (MeV)

104



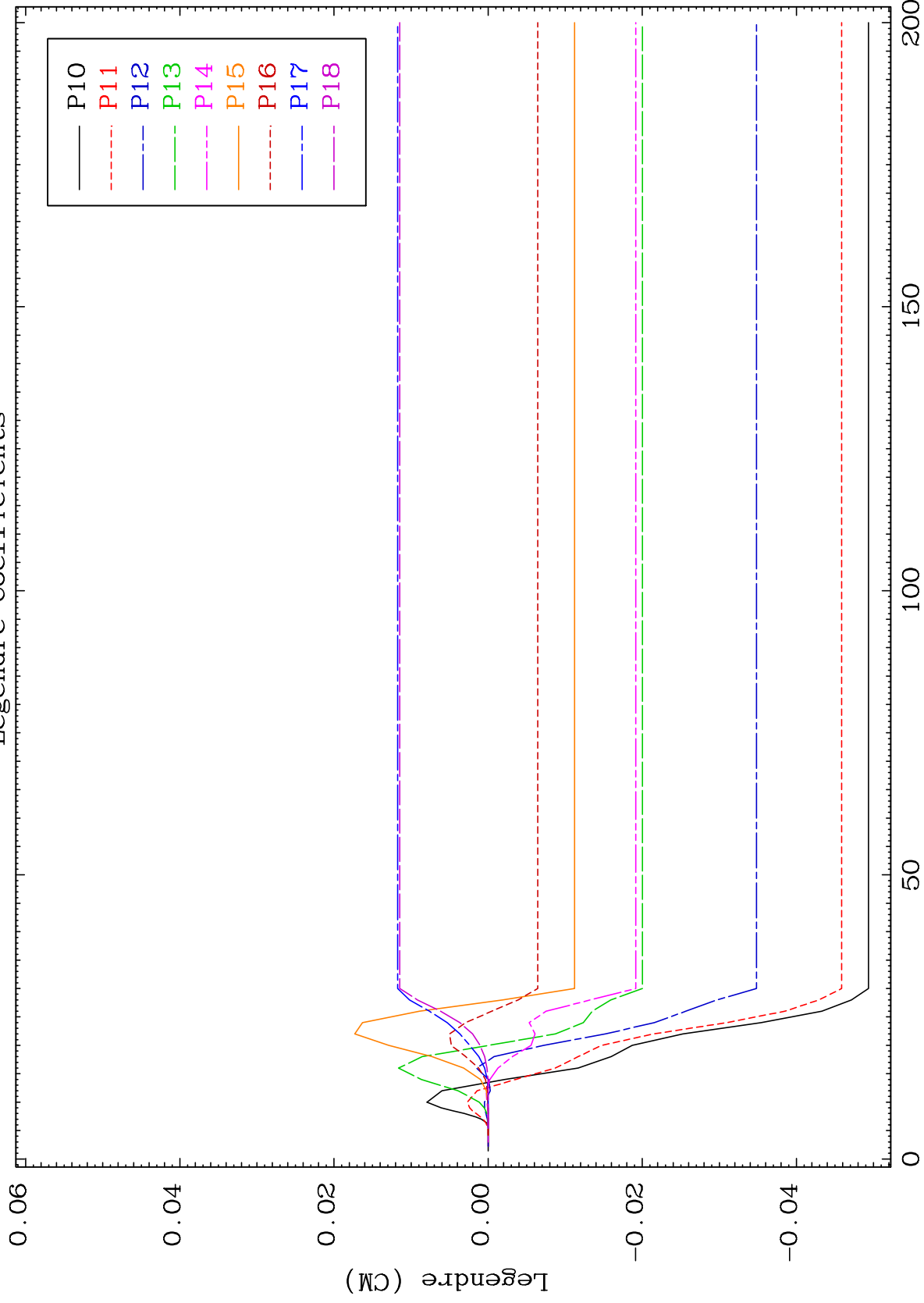




MAT 5495

817.1 keV (n,n') Level
Legendre Coefficients

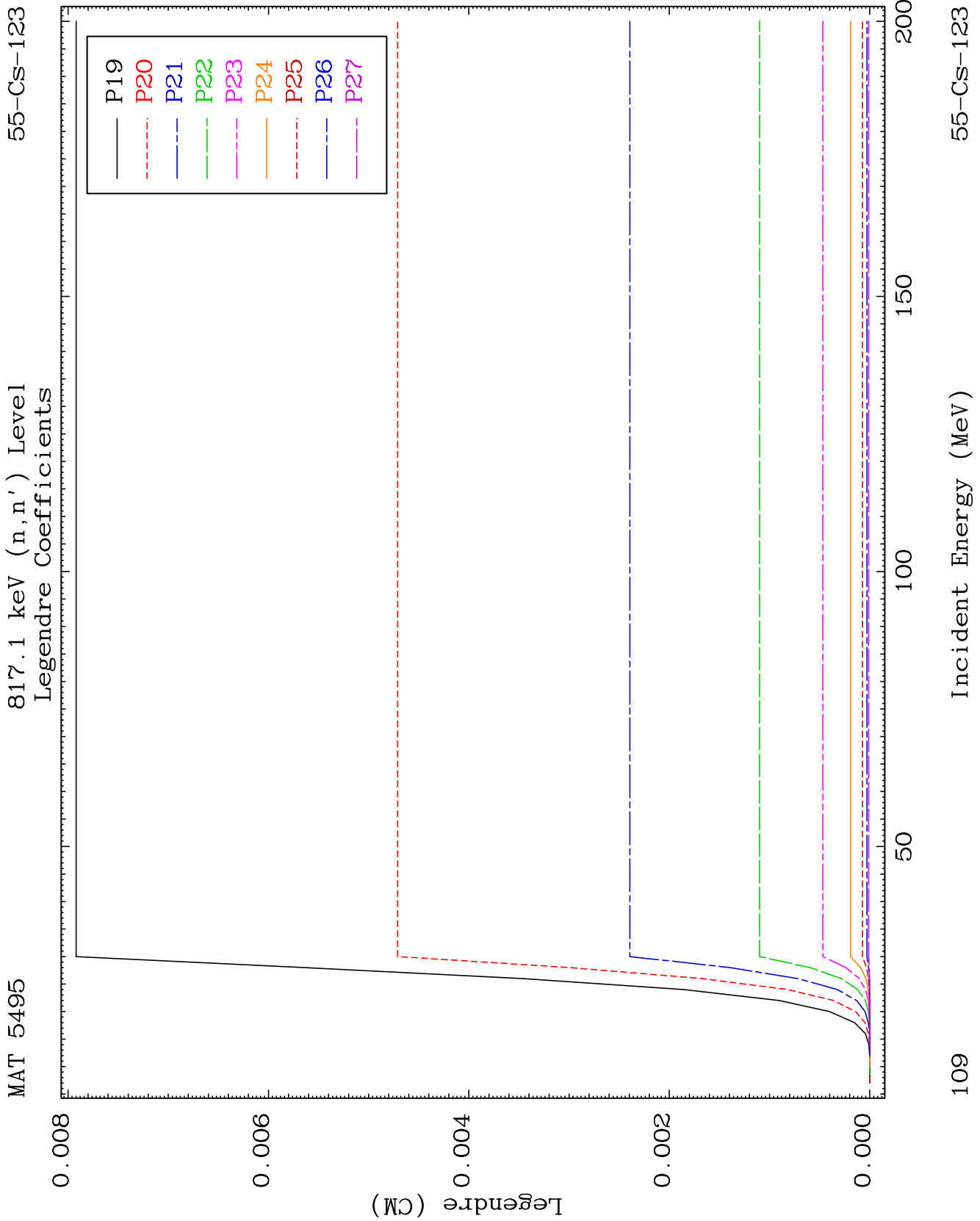
55-Cs-123



108

Incident Energy (MeV)

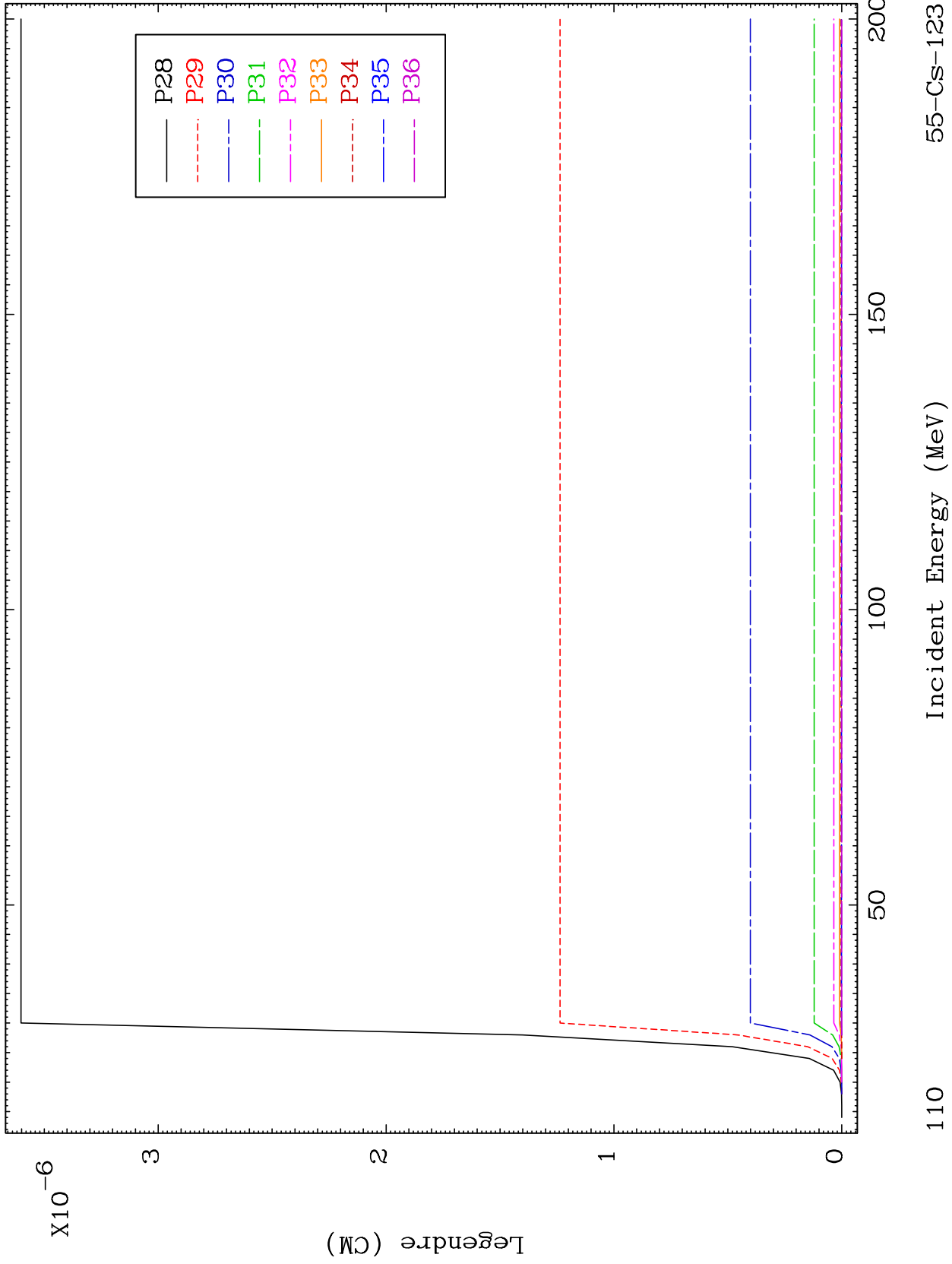
55-Cs-123

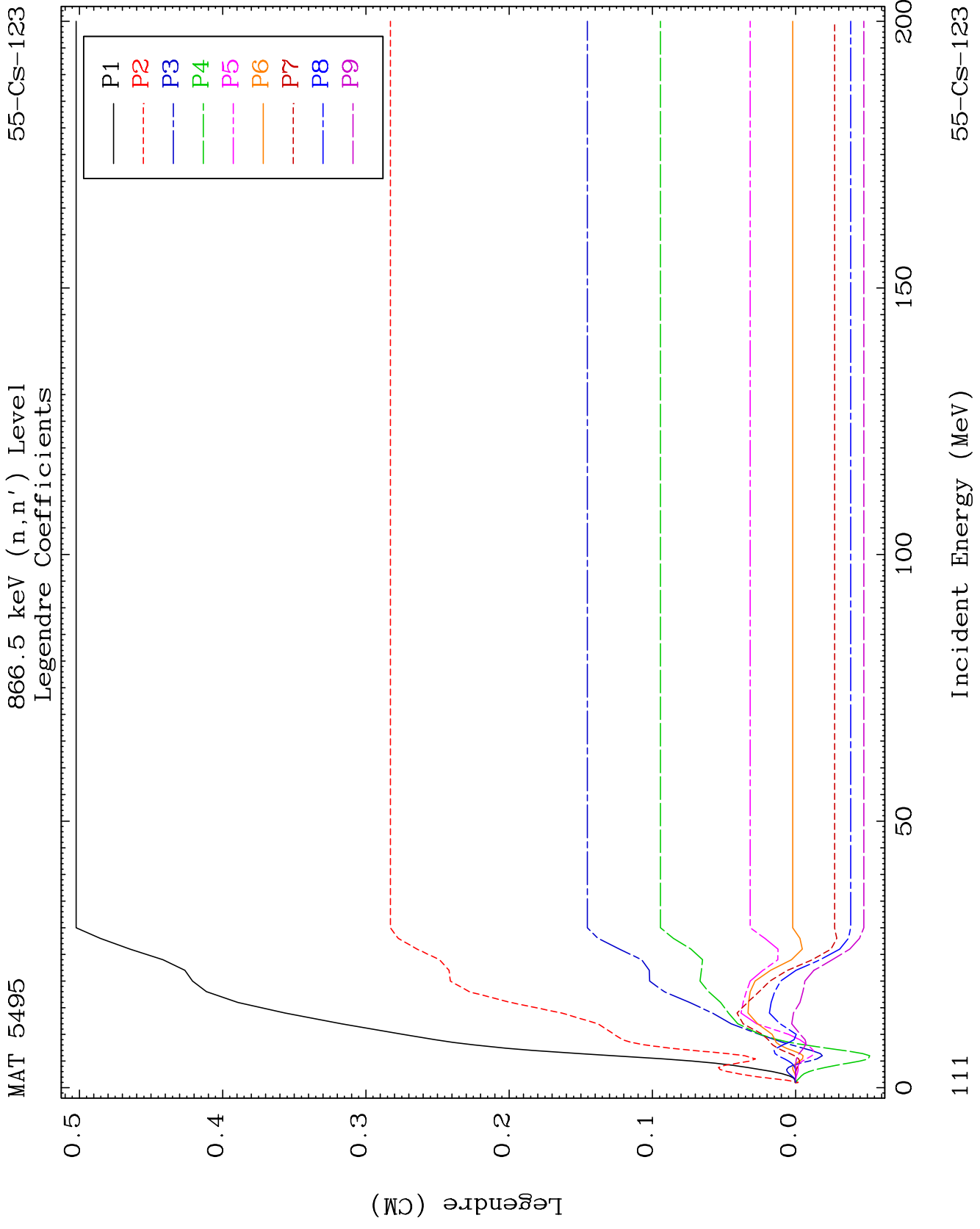


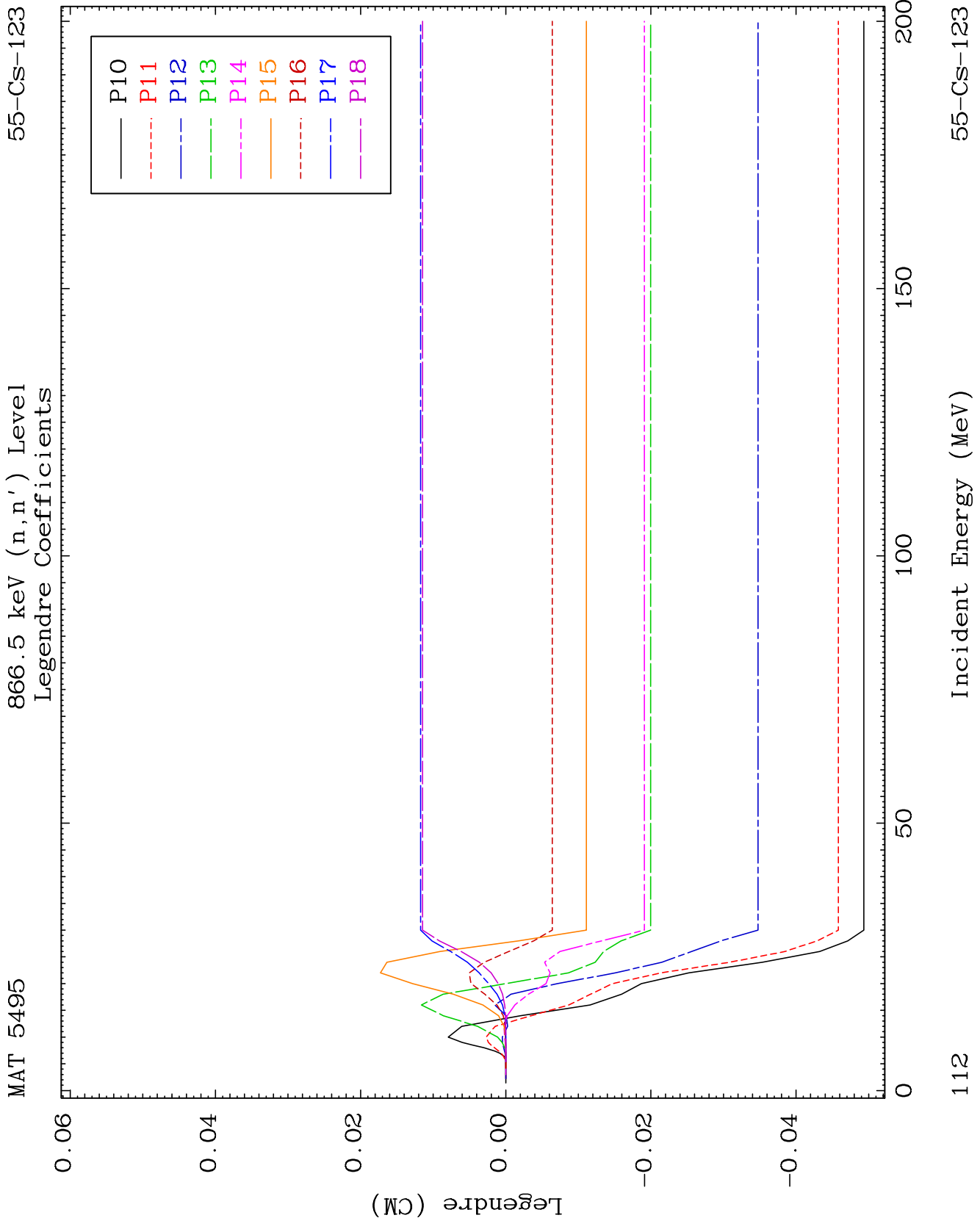
MAT 5495

817.1 keV (n,n') Level
Legendre Coefficients

55-Cs-123



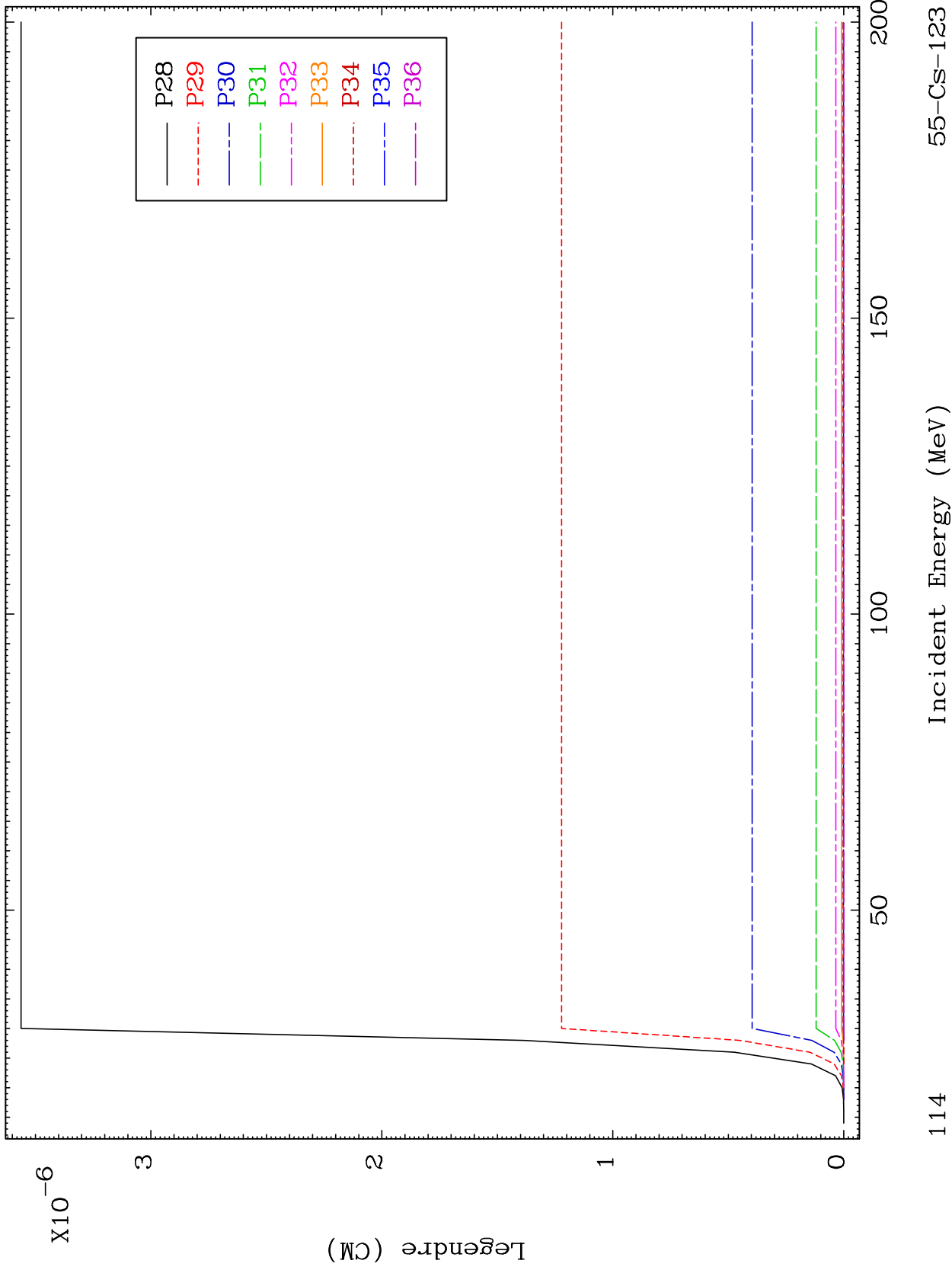




MAT 5495

866.5 keV (n, n') Level
Legendre Coefficients

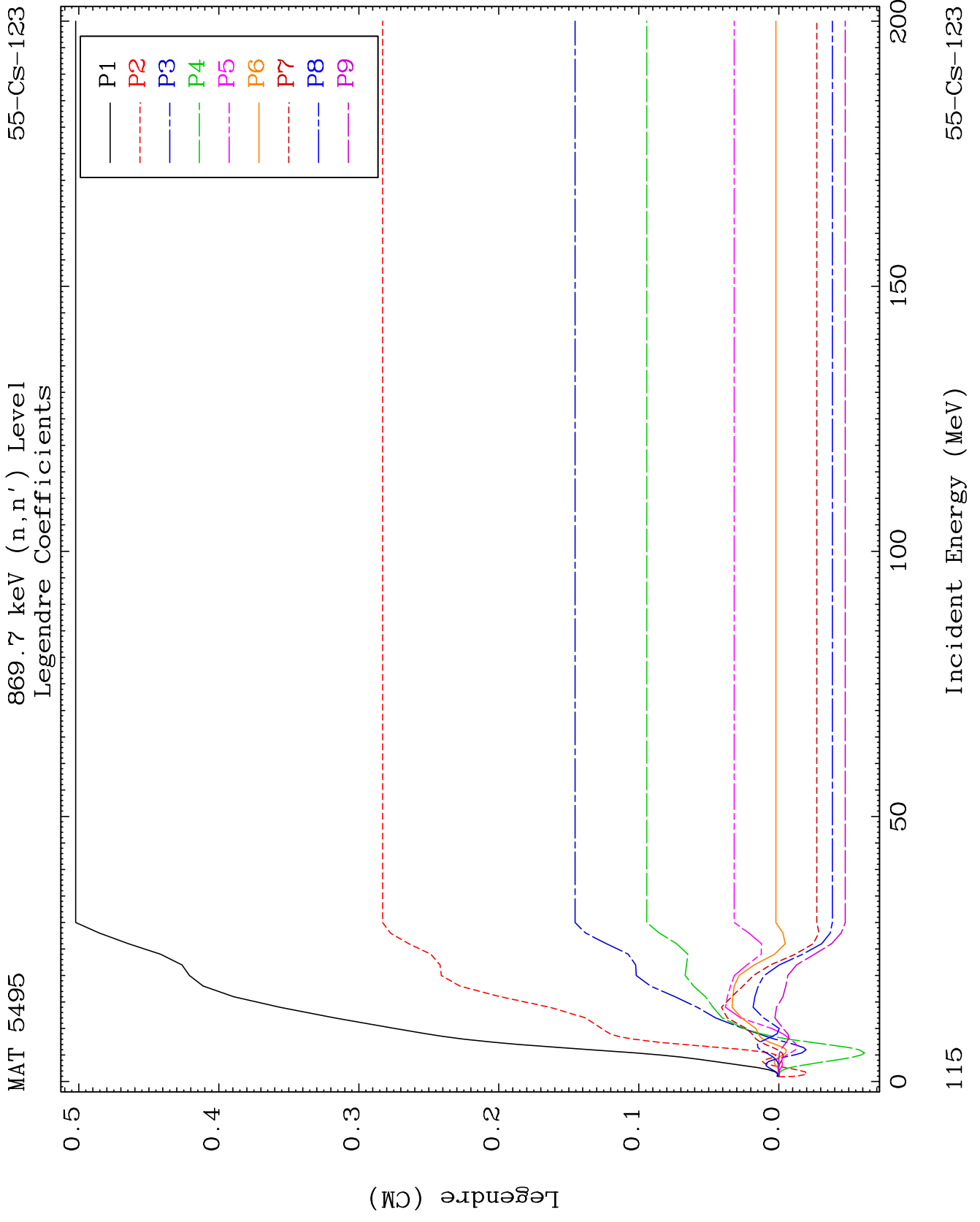
55-Cs-123

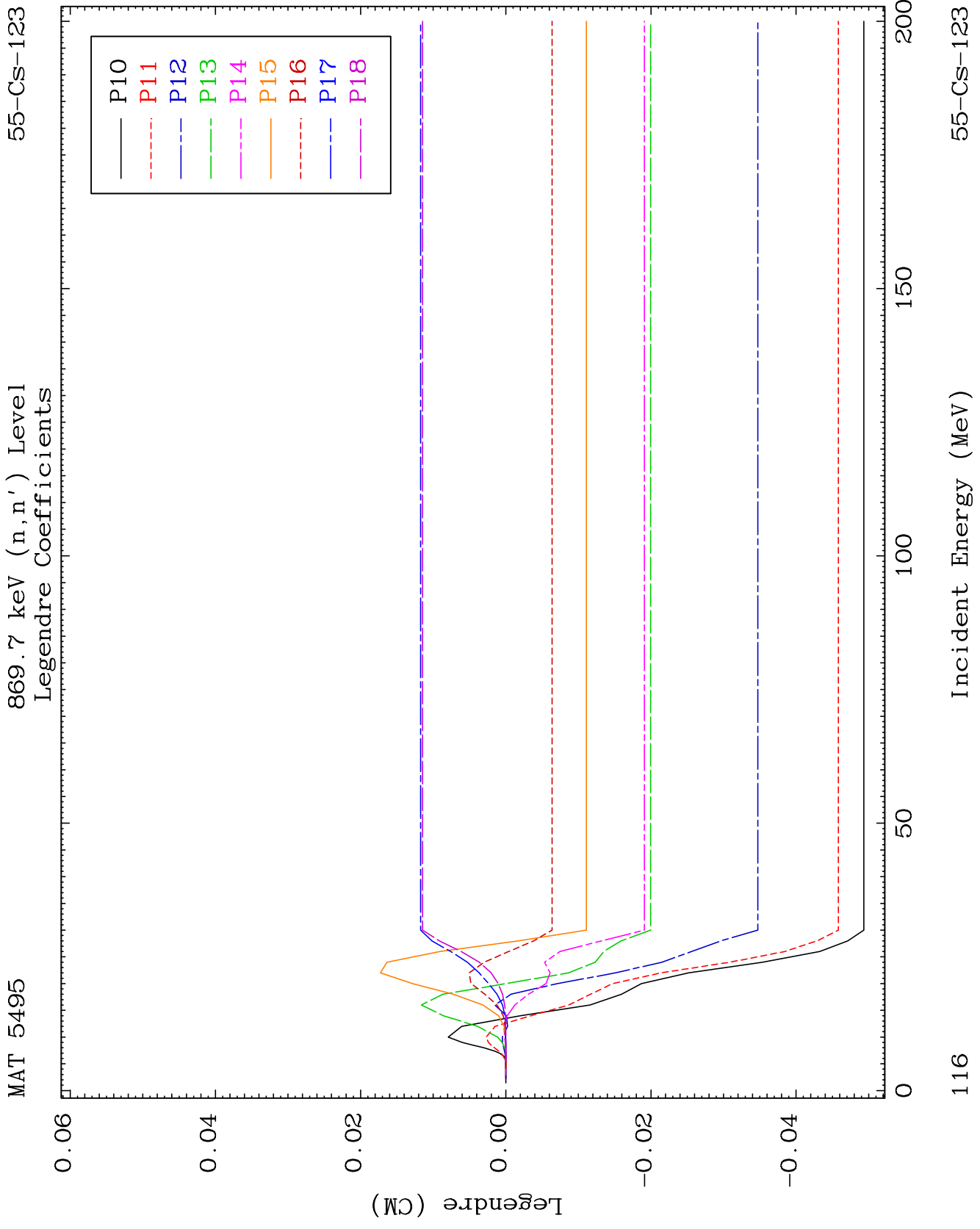


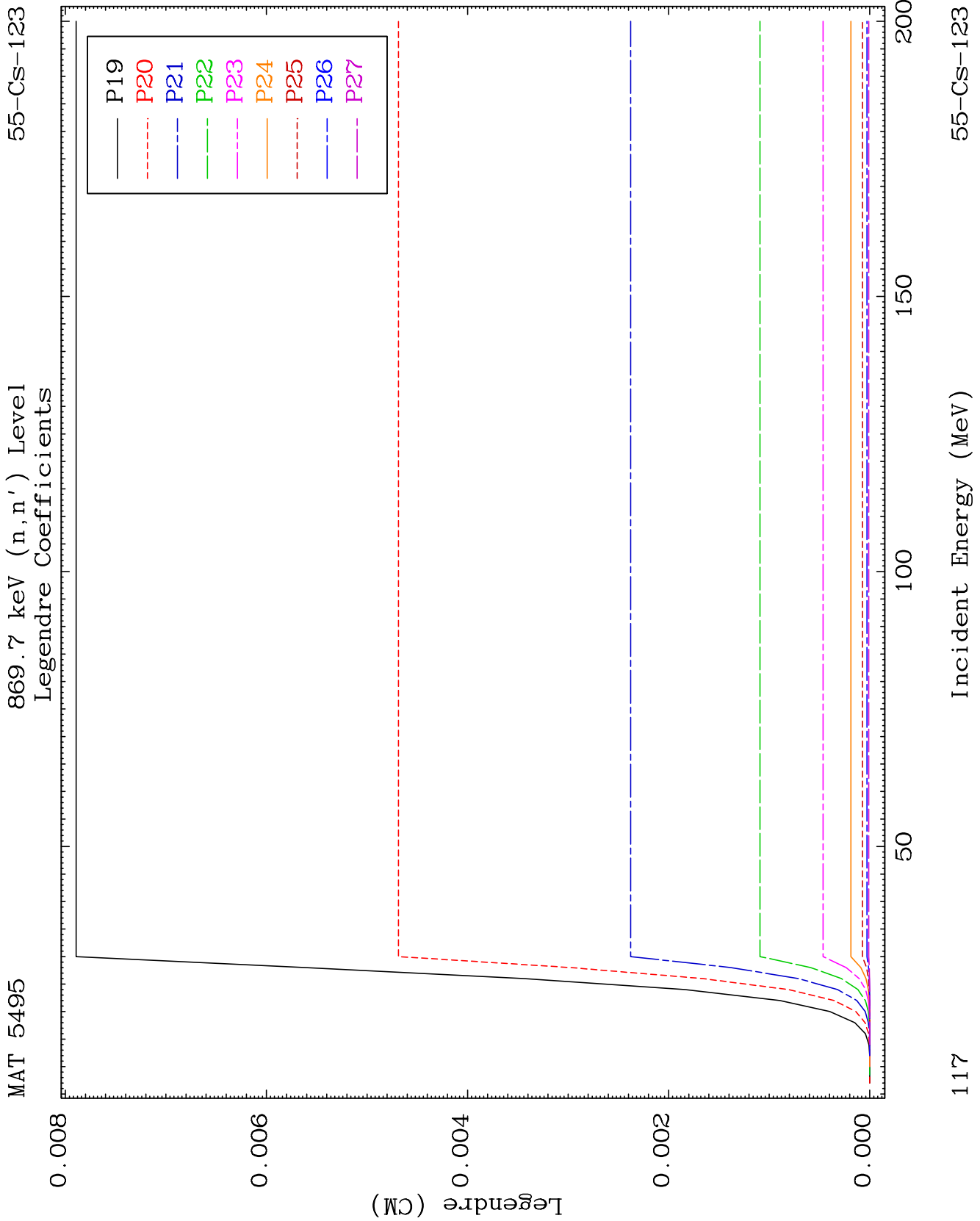
114

Incident Energy (MeV)

55-Cs-123



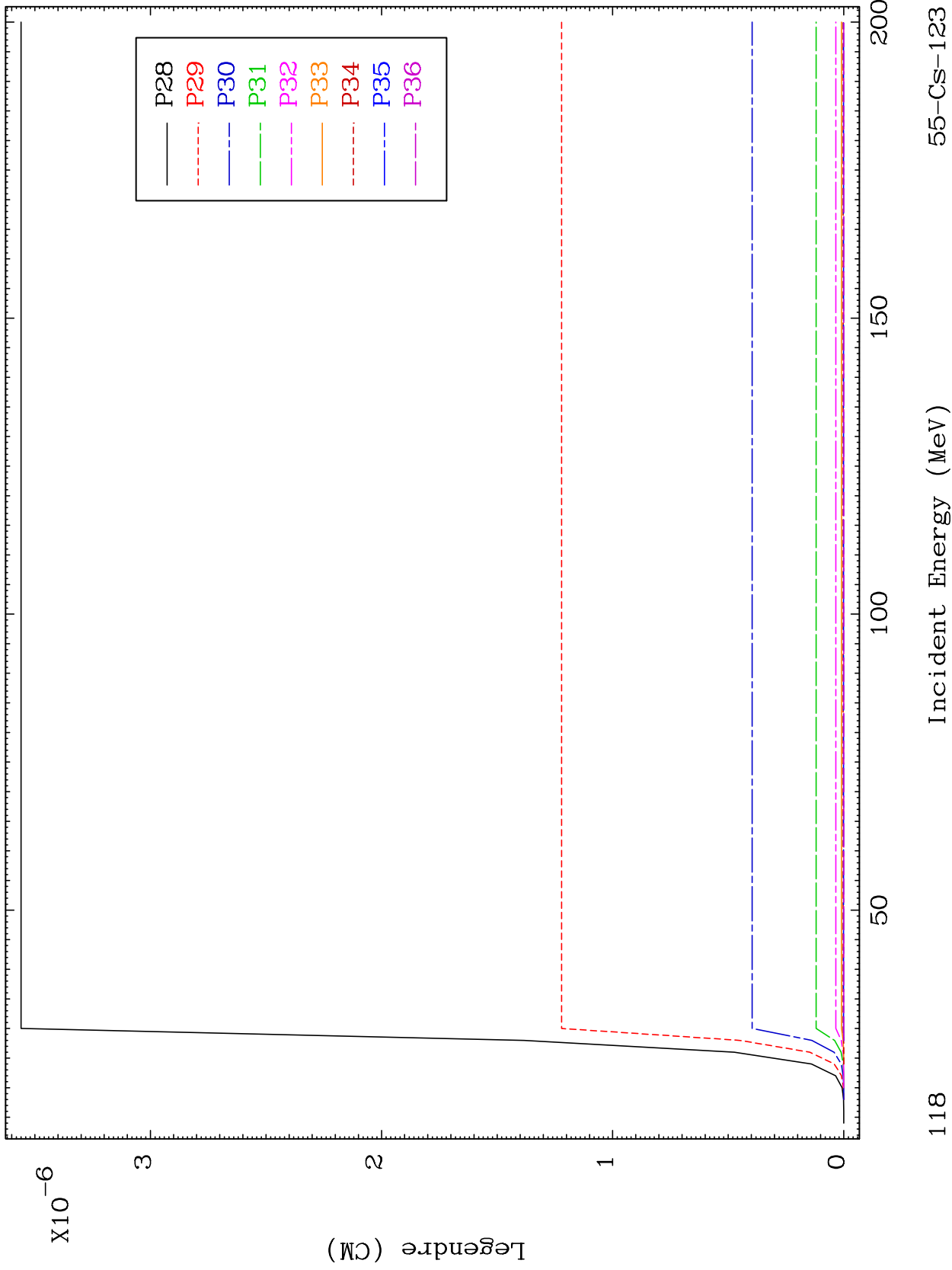




MAT 5495

869.7 keV (n,n') Level
Legendre Coefficients

55-Cs-123



118

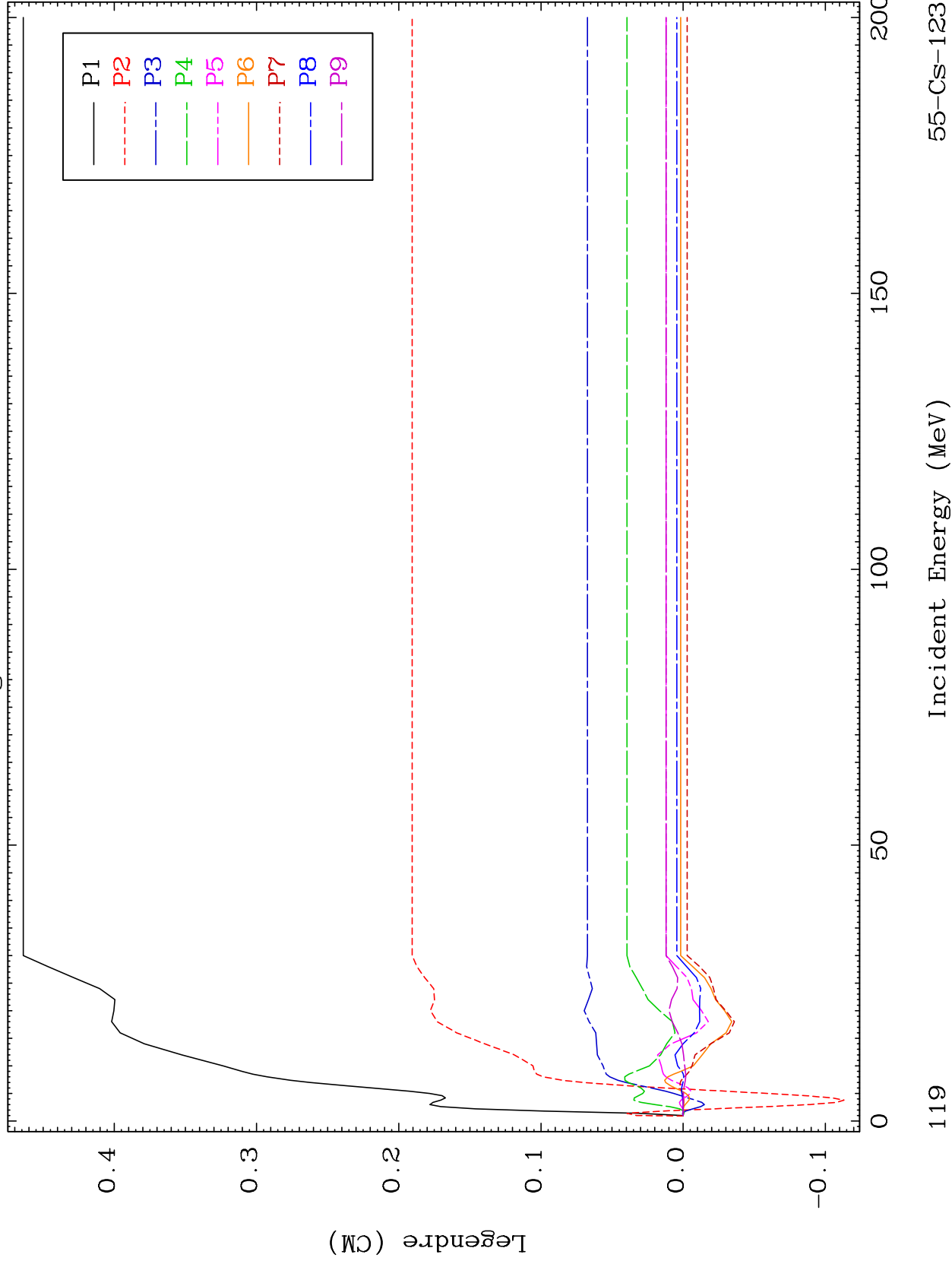
Incident Energy (MeV)

55-Cs-123

MAT 5495

905.4 keV (n,n') Level
Legendre Coefficients

55-Cs-123



119

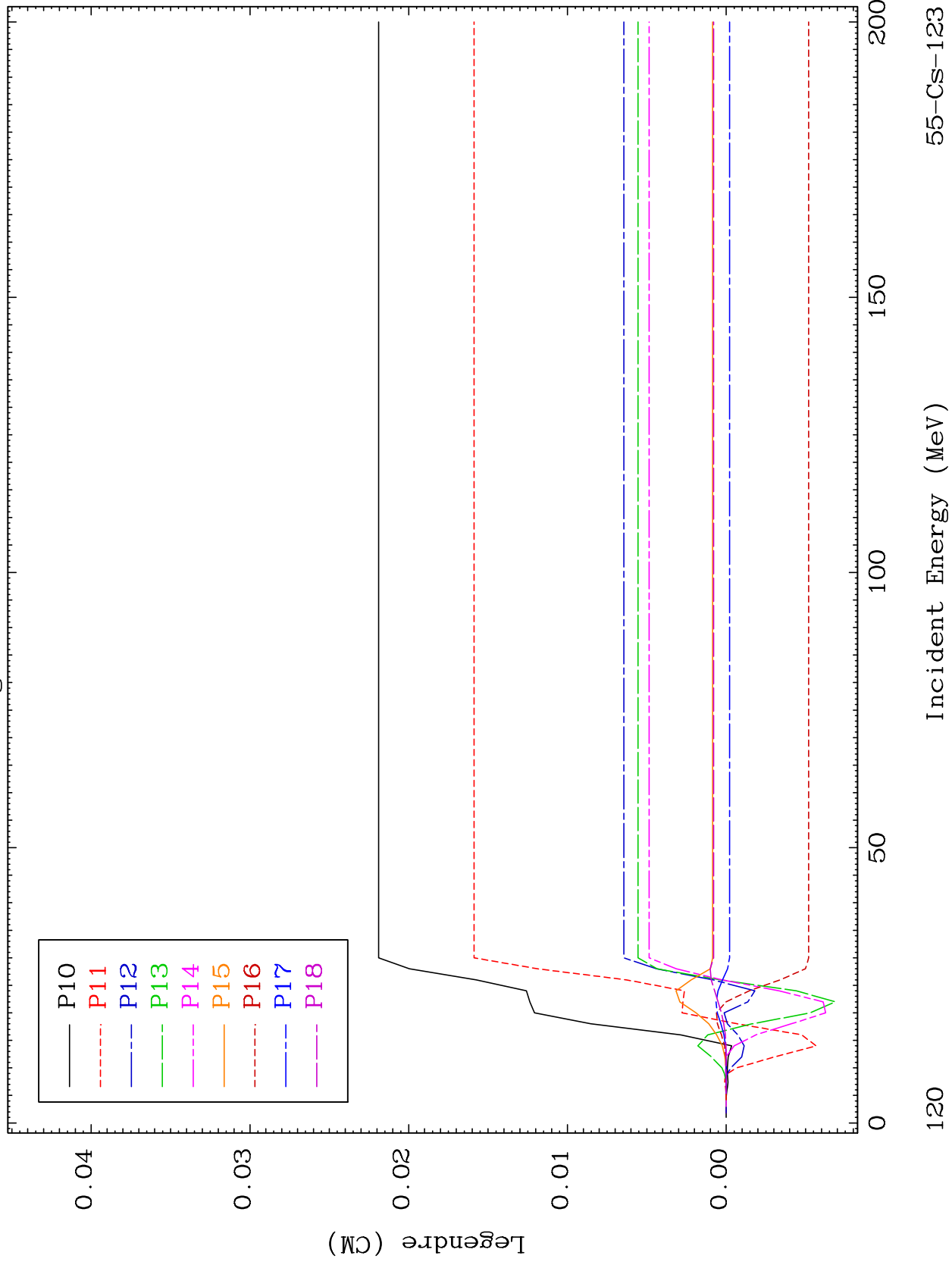
Incident Energy (MeV)

55-Cs-123

MAT 5495

905.4 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

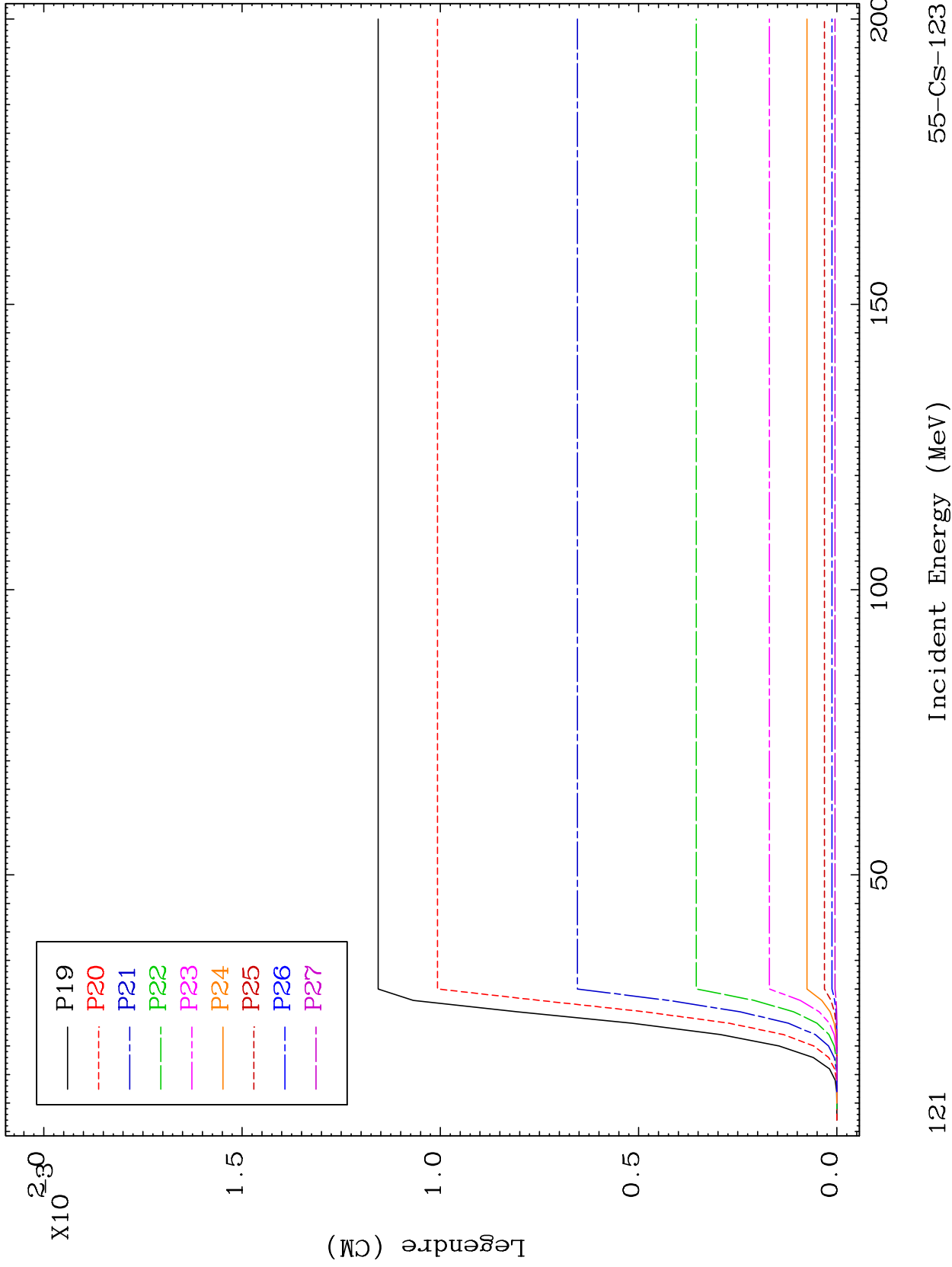
Incident Energy (MeV)

120

MAT 5495

905.4 keV (n,n') Level
Legendre Coefficients

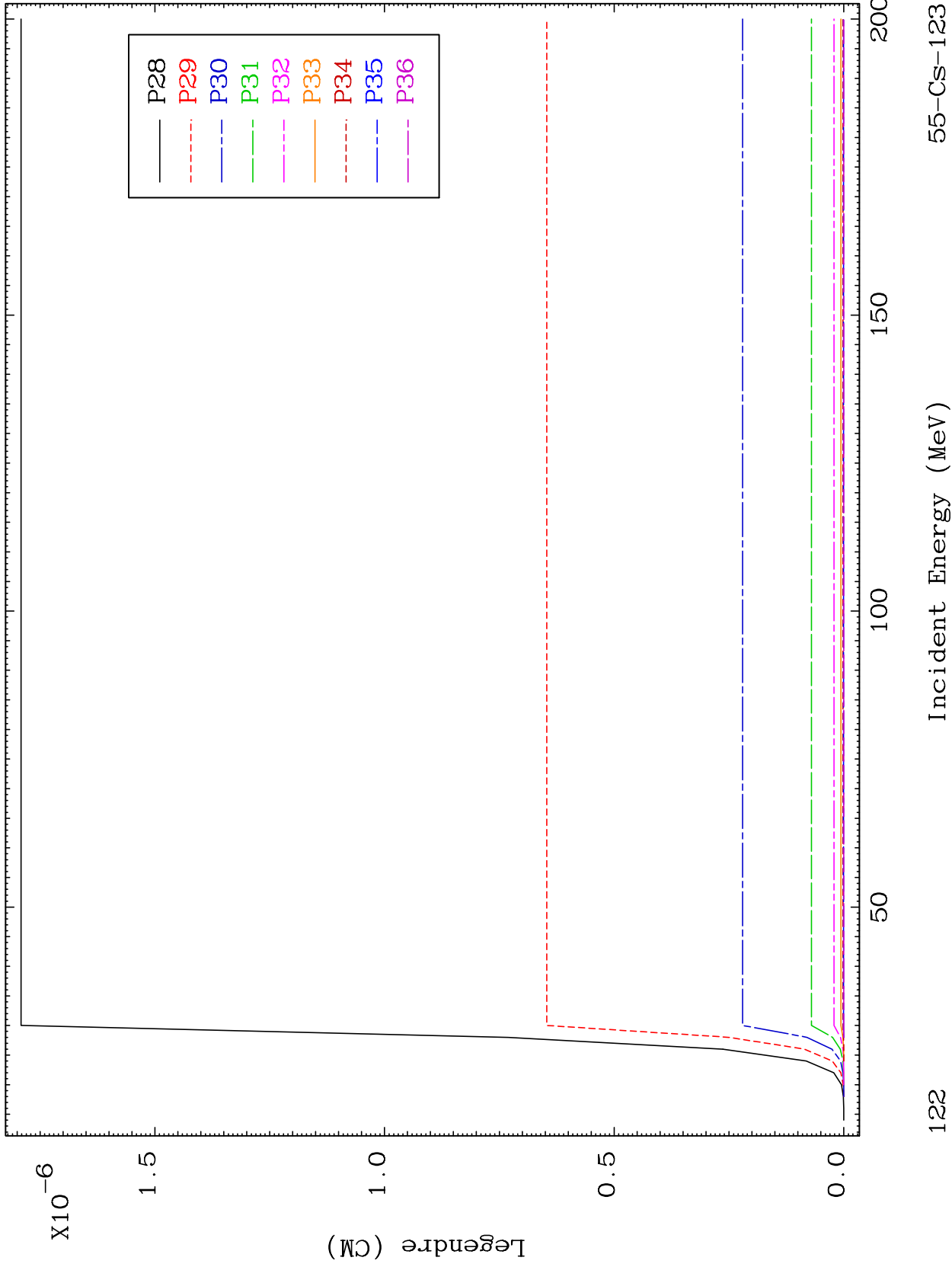
55-Cs-123



MAT 5495

905.4 keV (n,n') Level
Legendre Coefficients

55-Cs-123



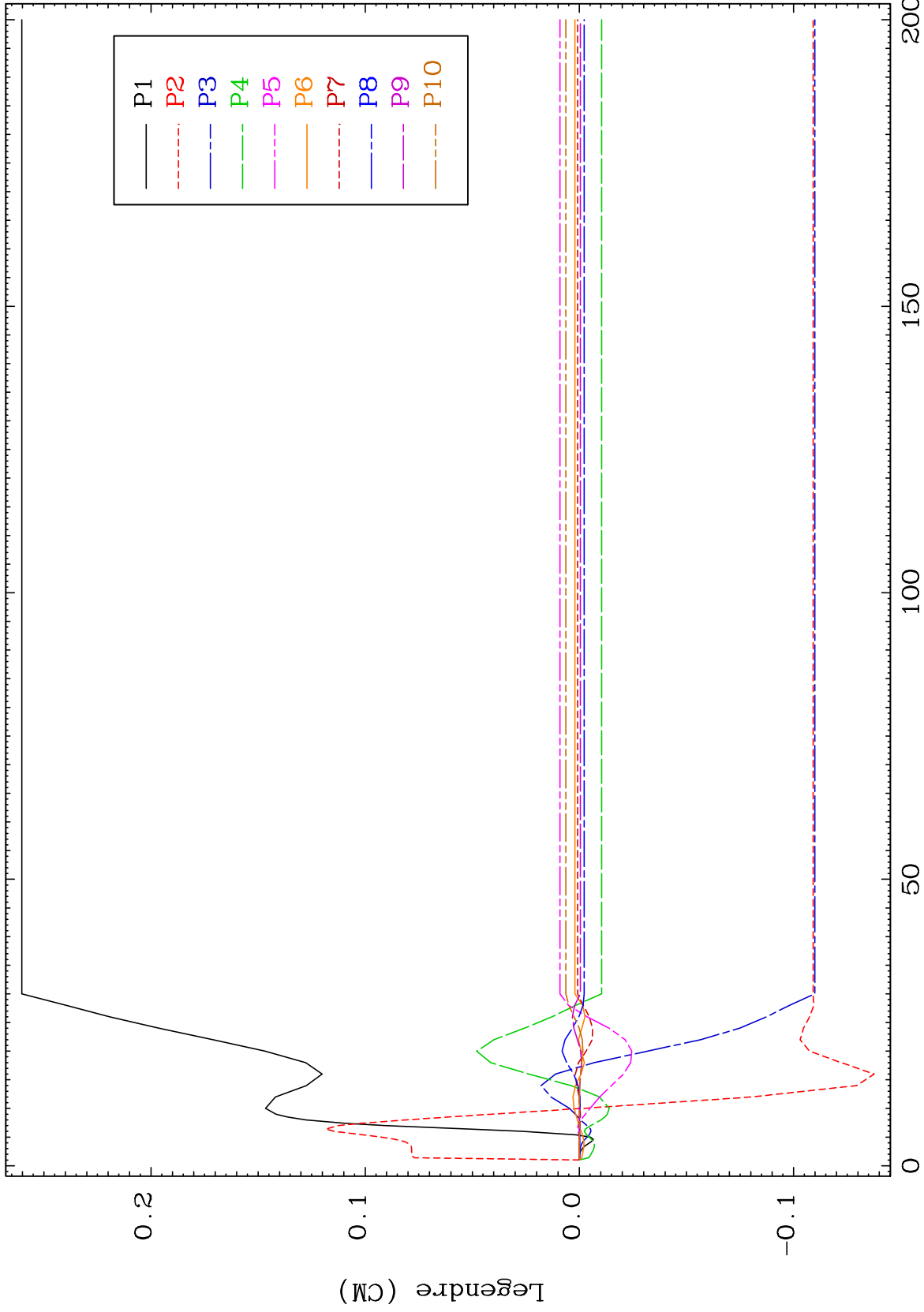
122

55-Cs-123

MAT 5495

999.2 keV (n,n') Level
Legendre Coefficients

55-Cs-123



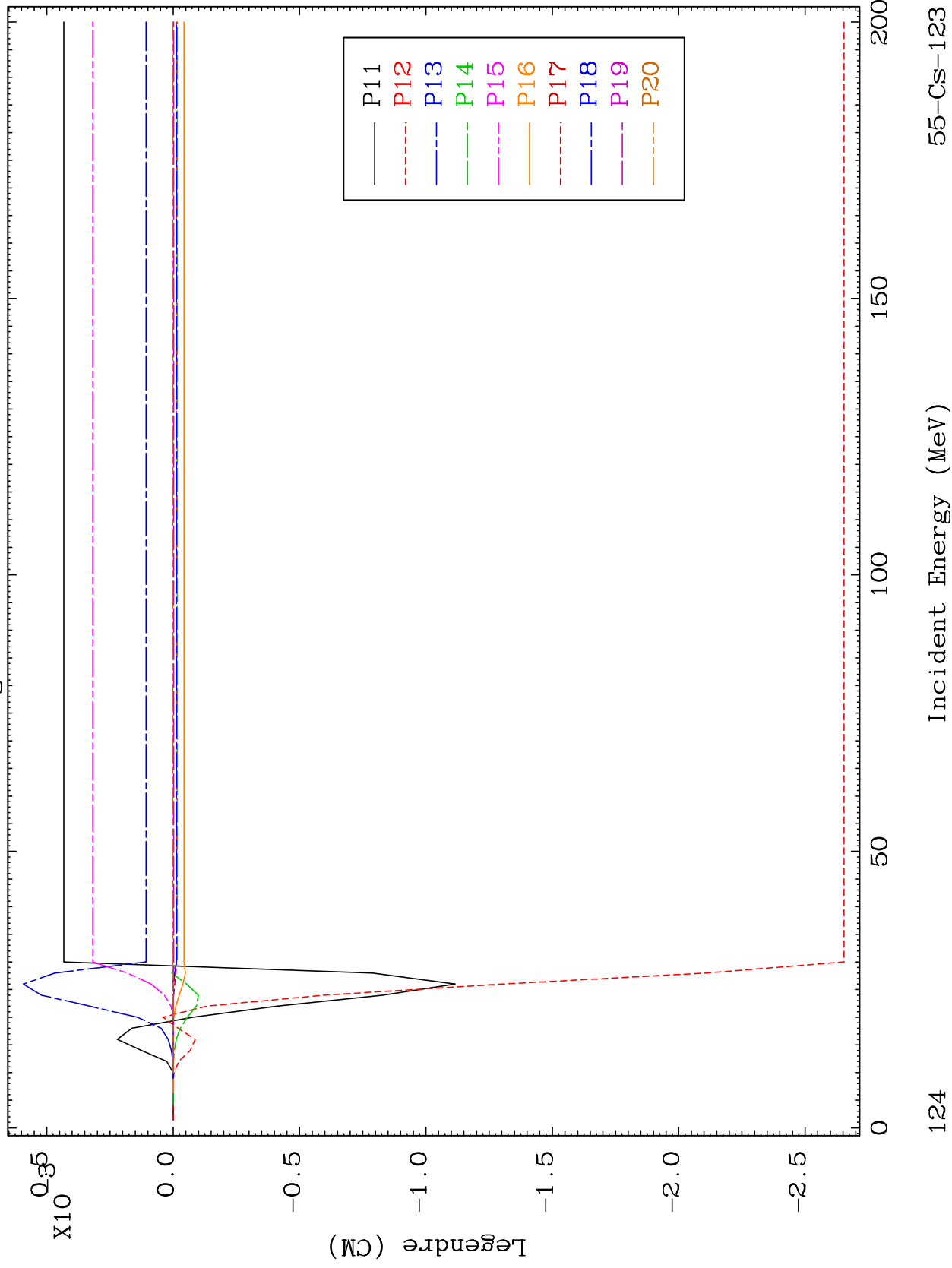
123

55-Cs-123

MAT 5495

999.2 keV (n,n') Level
Legendre Coefficients

55-Cs-123



124

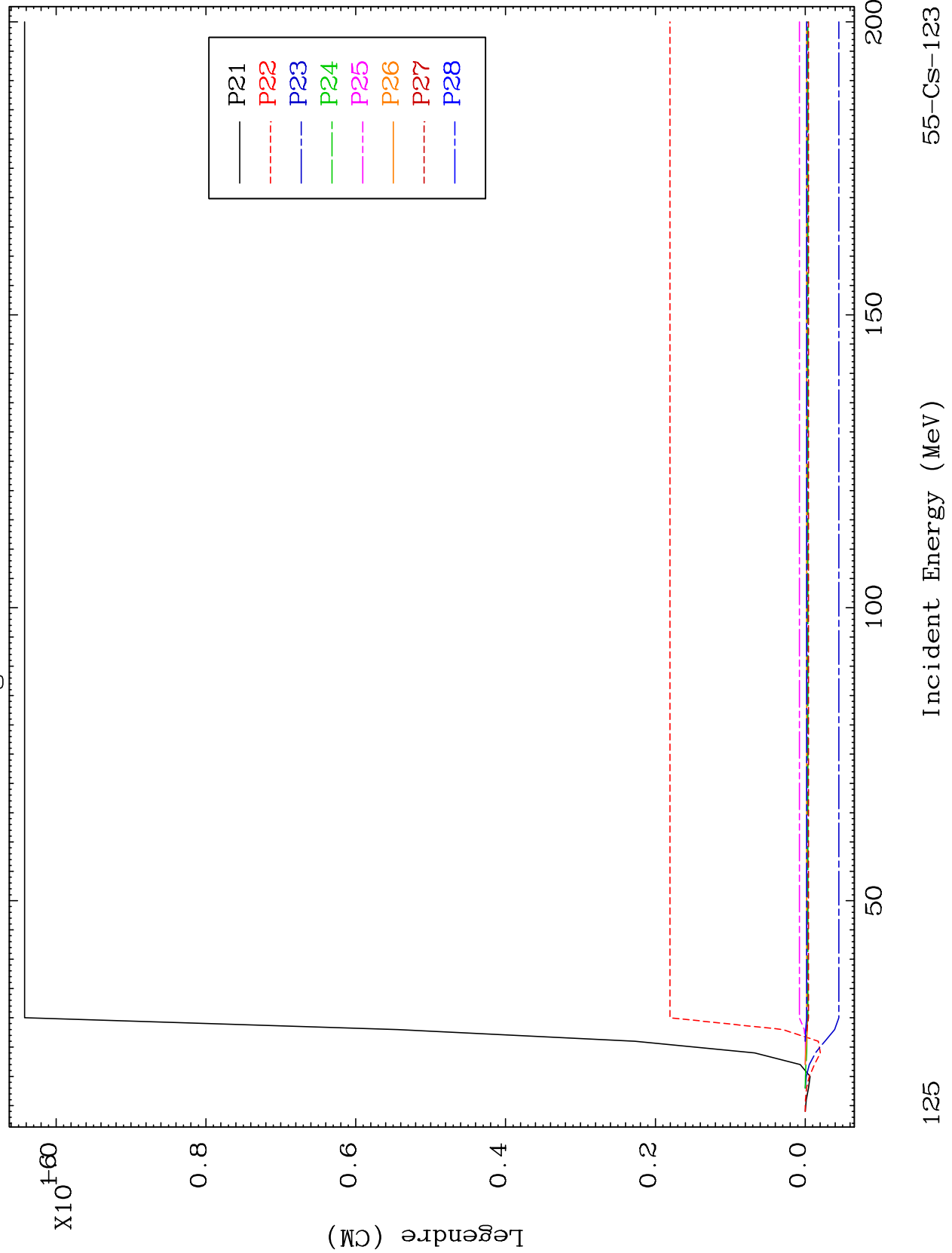
Incident Energy (MeV)

55-Cs-123

MAT 5495

999.2 keV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

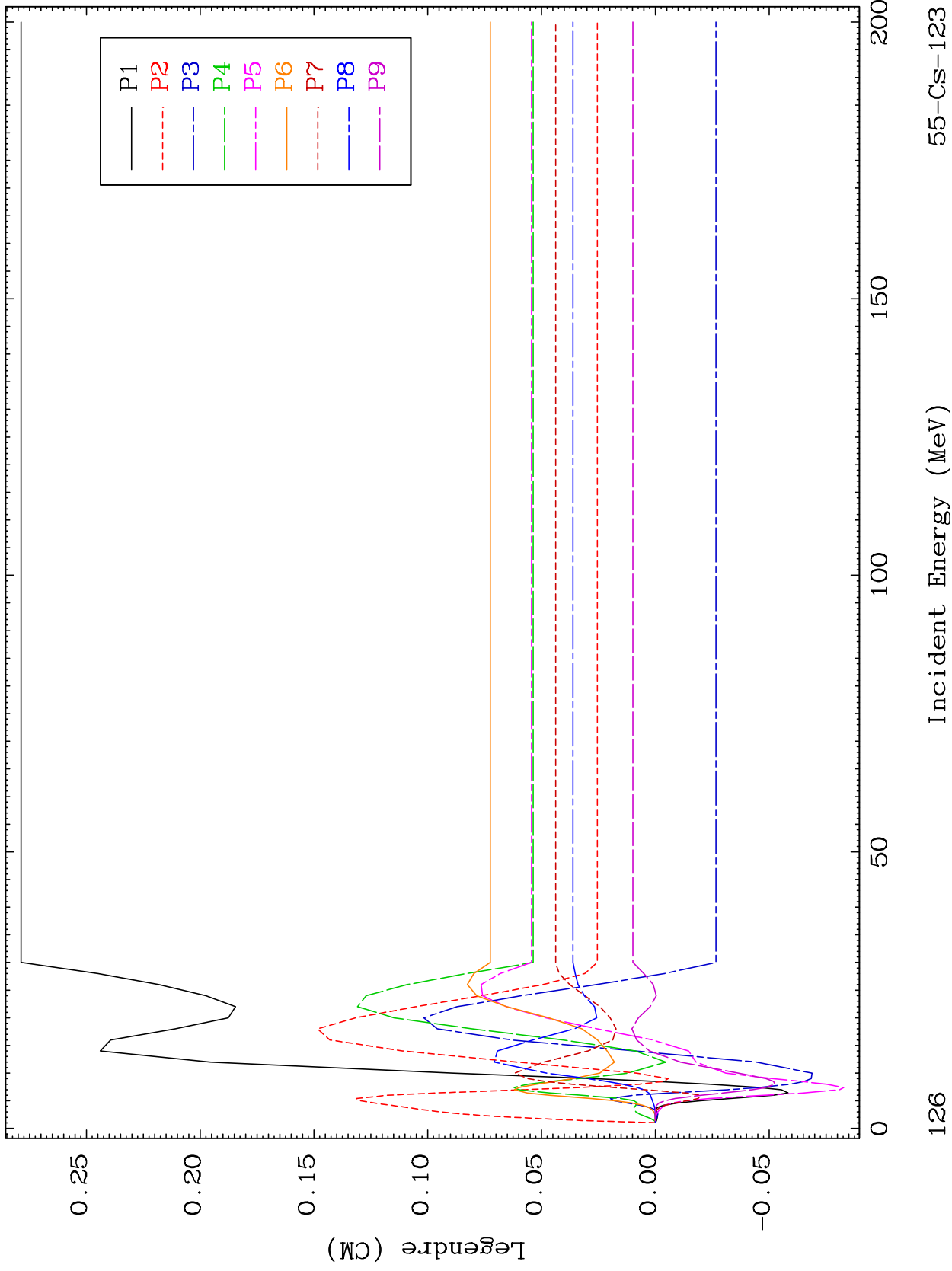
Incident Energy (MeV)

125

MAT 5495

1.022 MeV (n,n') Level
Legendre Coefficients

55-Cs-123



55-Cs-123

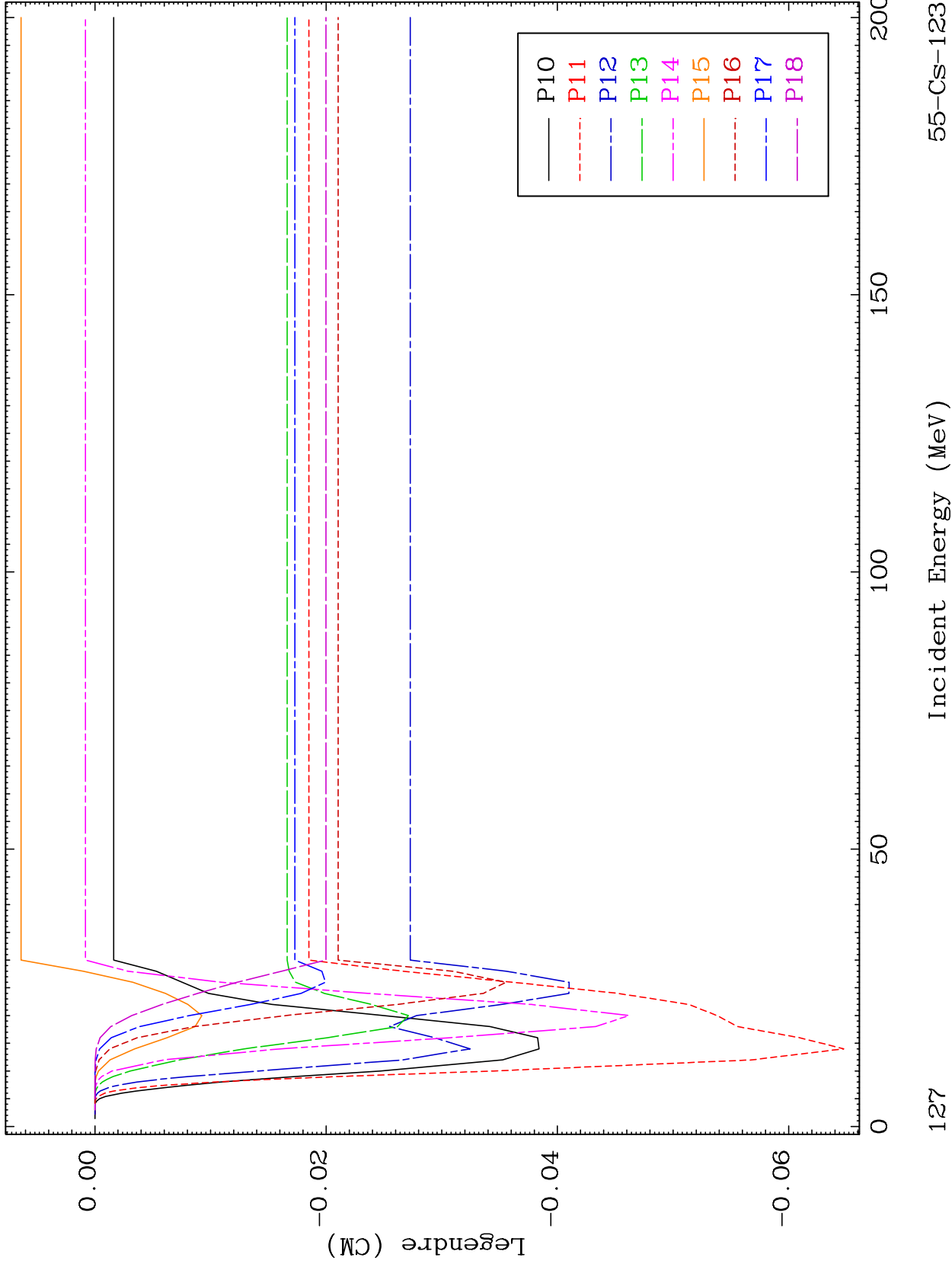
Incident Energy (MeV)

126

MAT 5495

1.022 MeV (n,n') Level
Legendre Coefficients

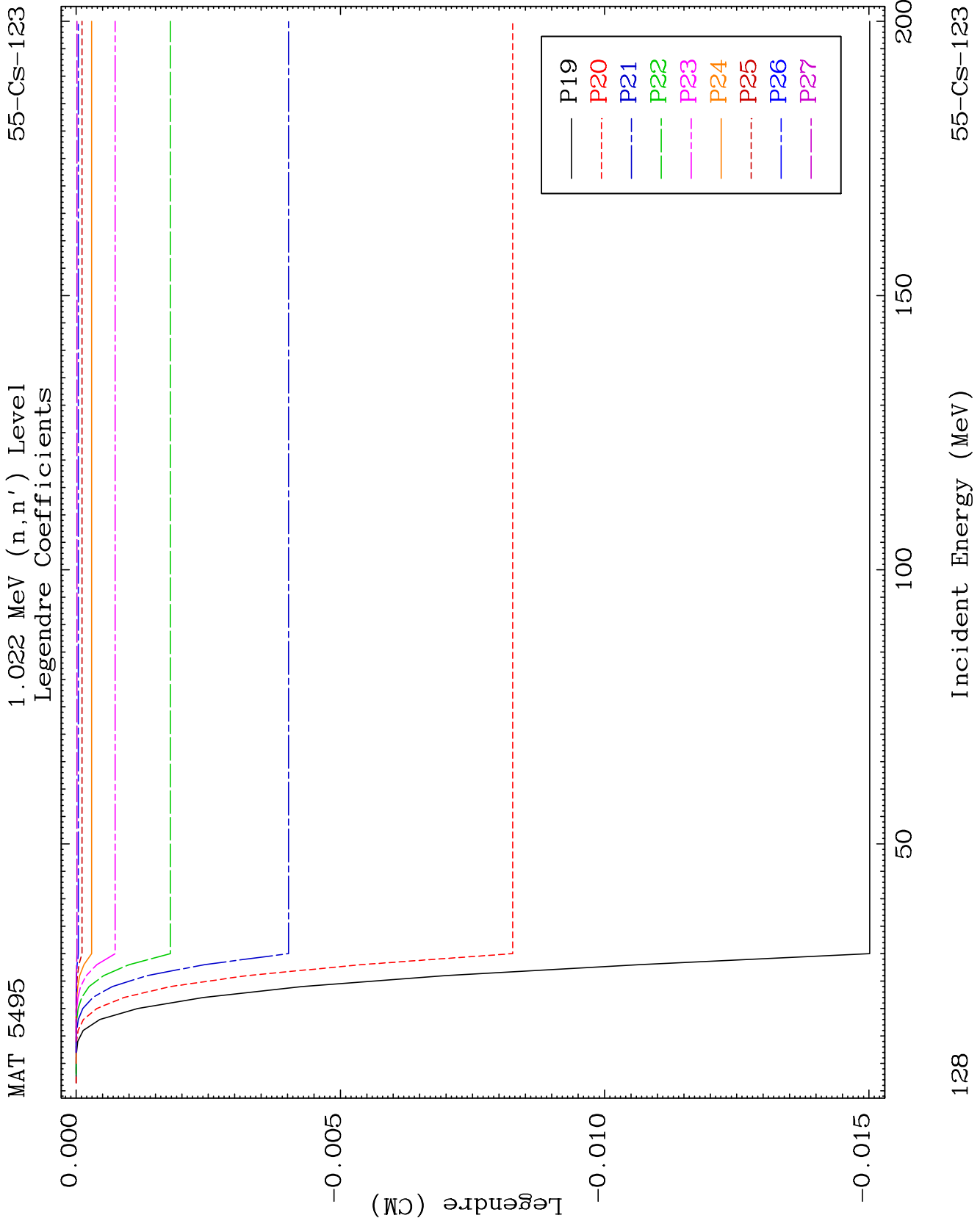
55-Cs-123

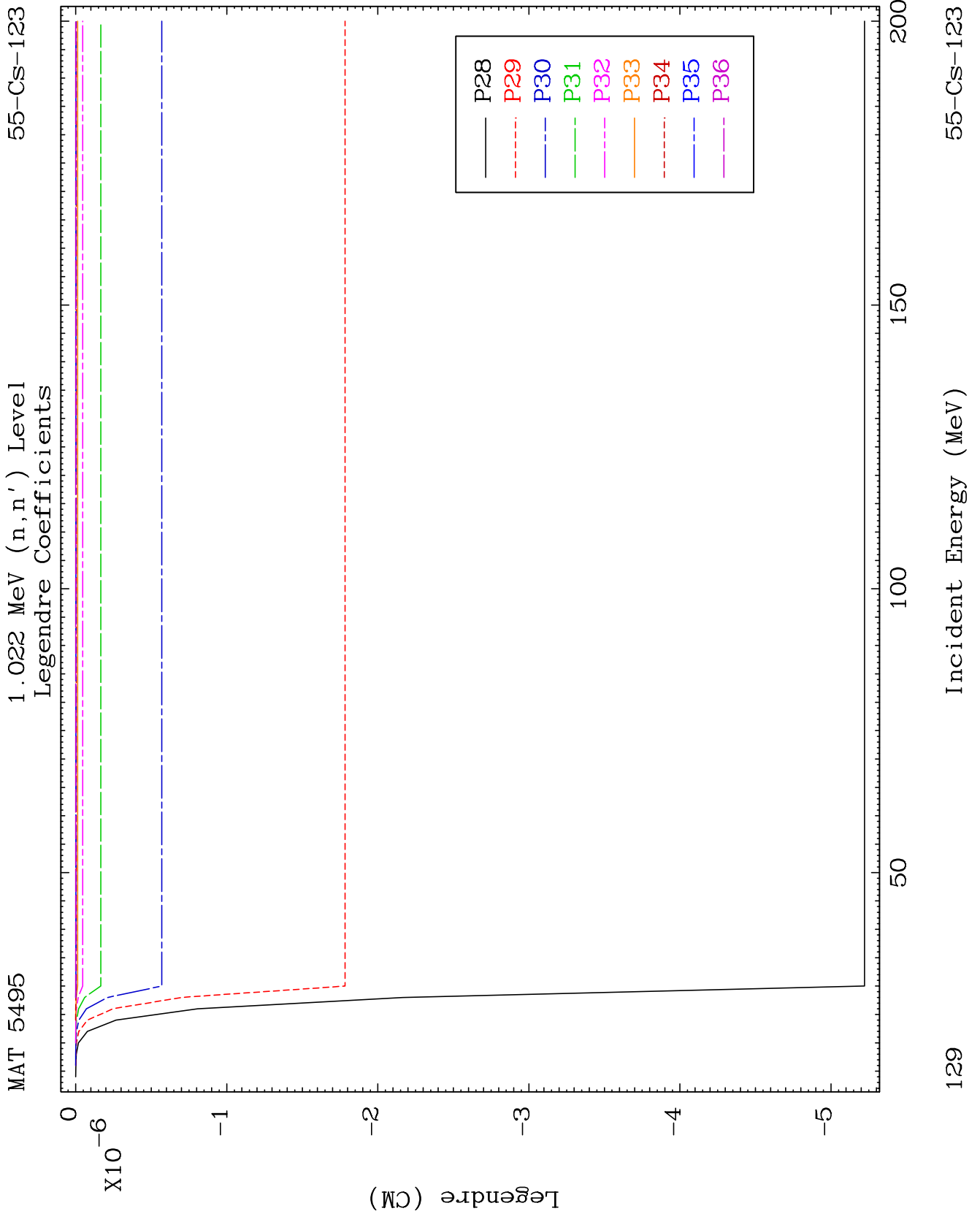


55-Cs-123

Incident Energy (MeV)

127

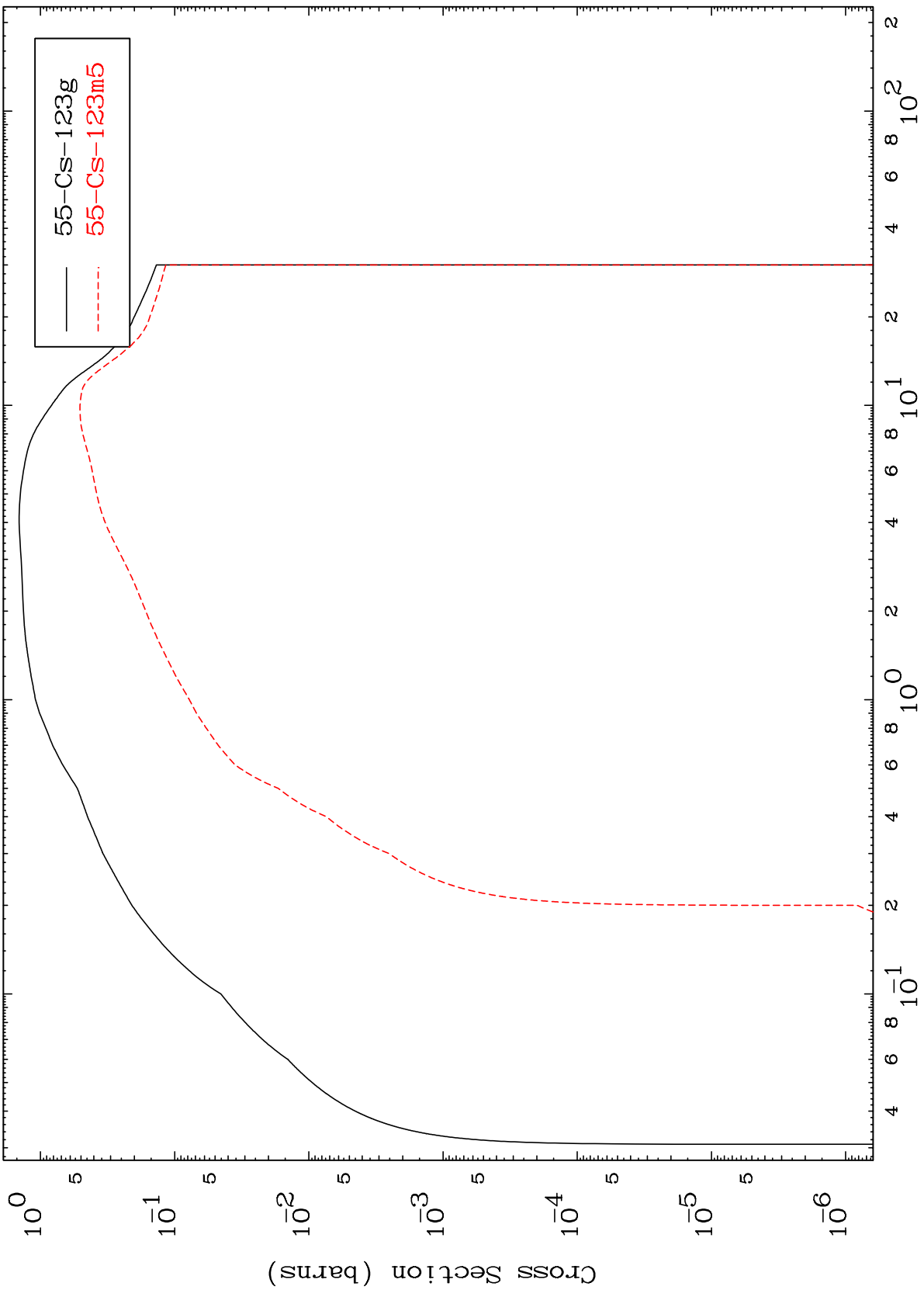




MAT 5495

55-Cs-123

Inelastic
Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

130

55-Cs-123

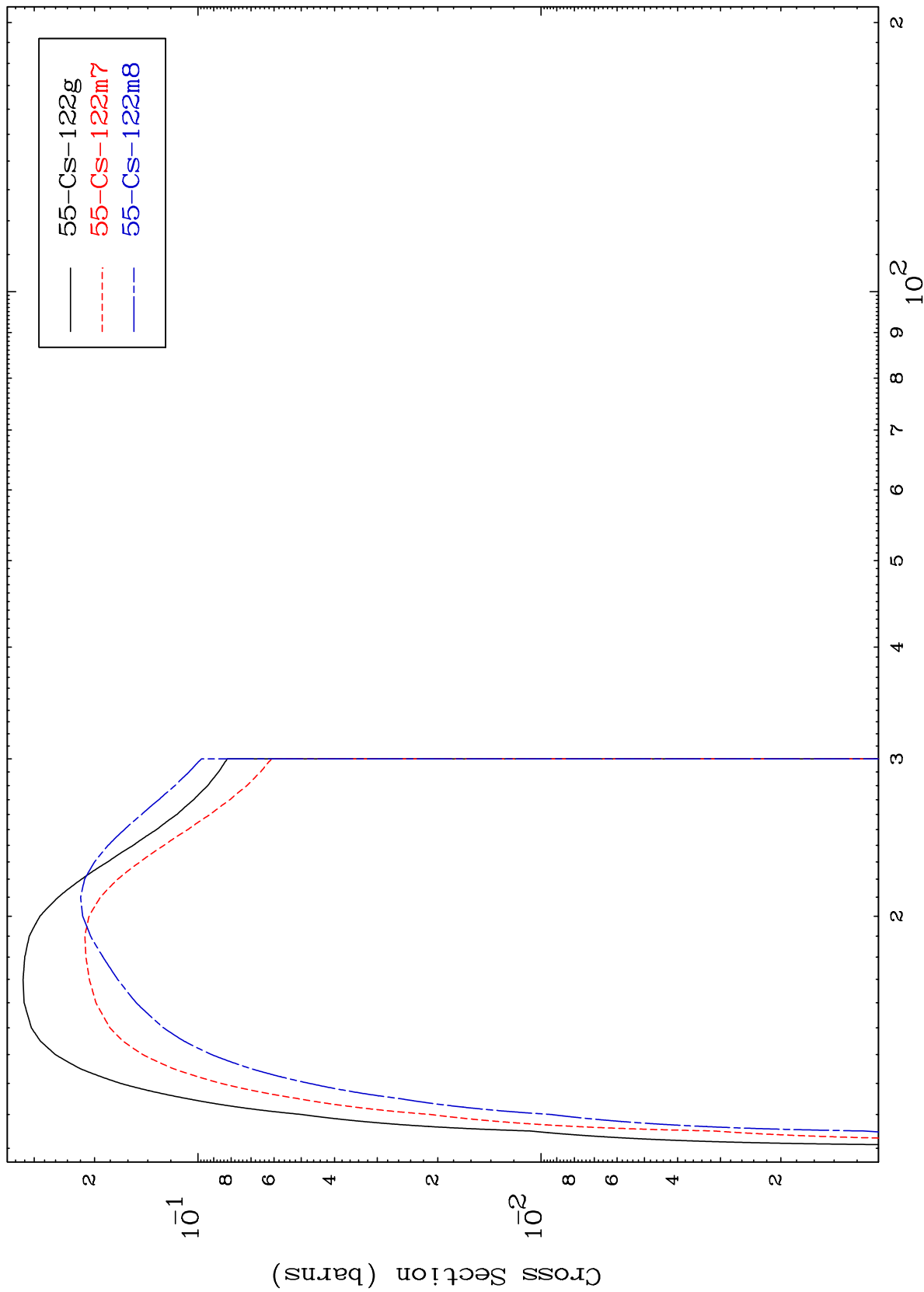
Incident Energy (MeV)

MAT 5495

55-Cs-123

(n,2n)

Radionuclide Production Cross Section



131

Incident Energy (MeV)

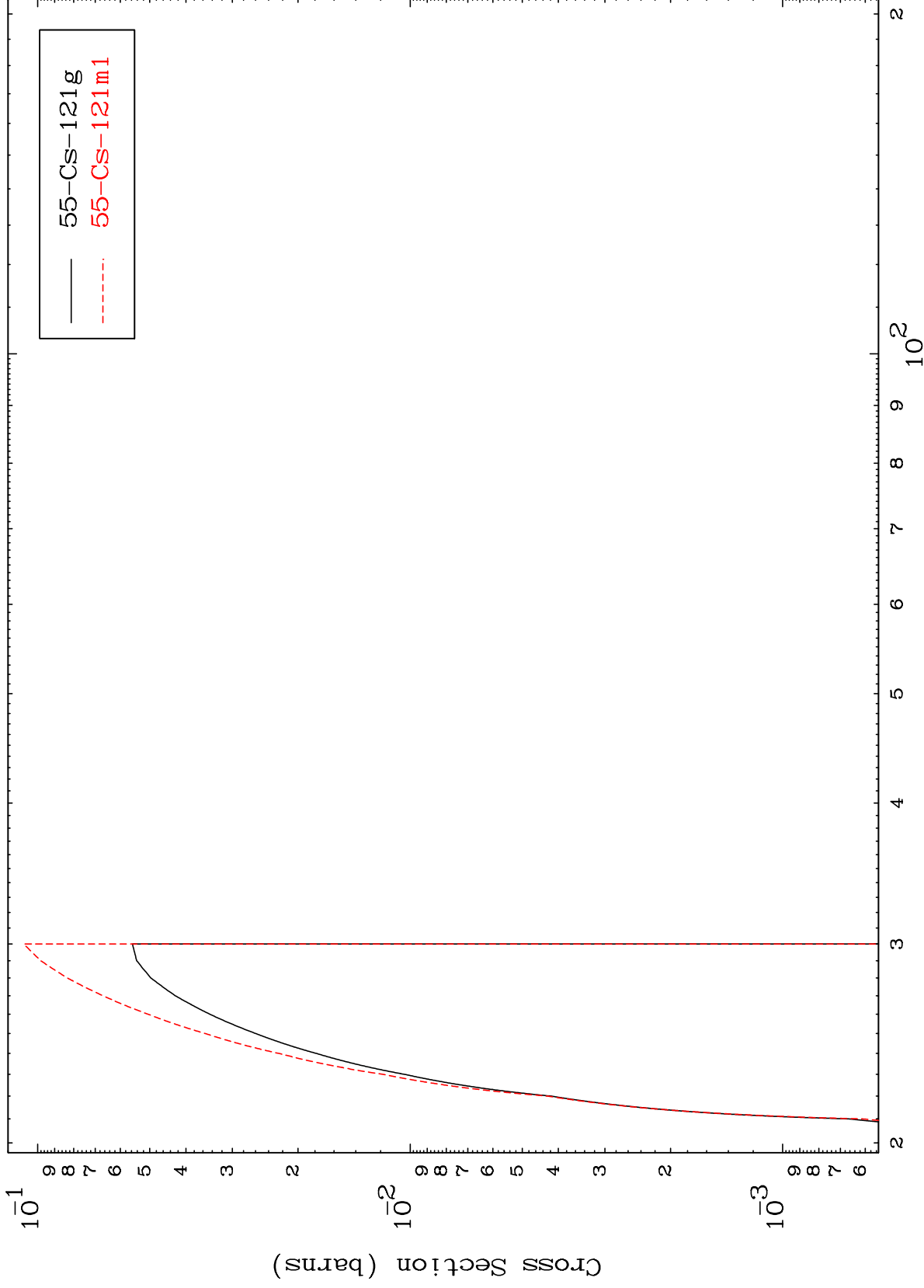
55-Cs-123

MAT 5495

(n,3n)

55-Cs-123

Radionuclide Production Cross Section



132

Incident Energy (MeV)

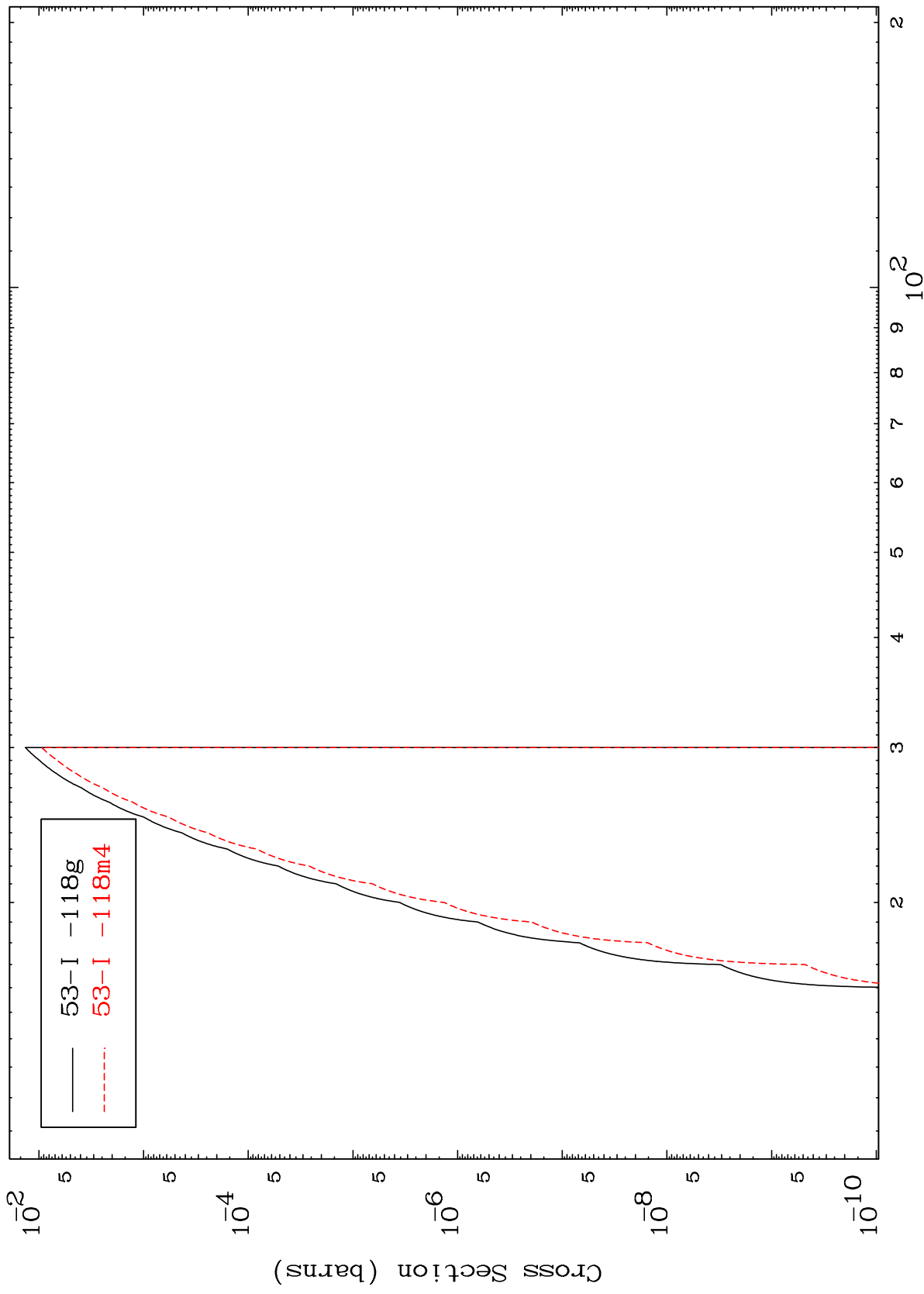
55-Cs-123

MAT 5495

(n,2n) α

55-Cs-123

Radionuclide Production Cross Section

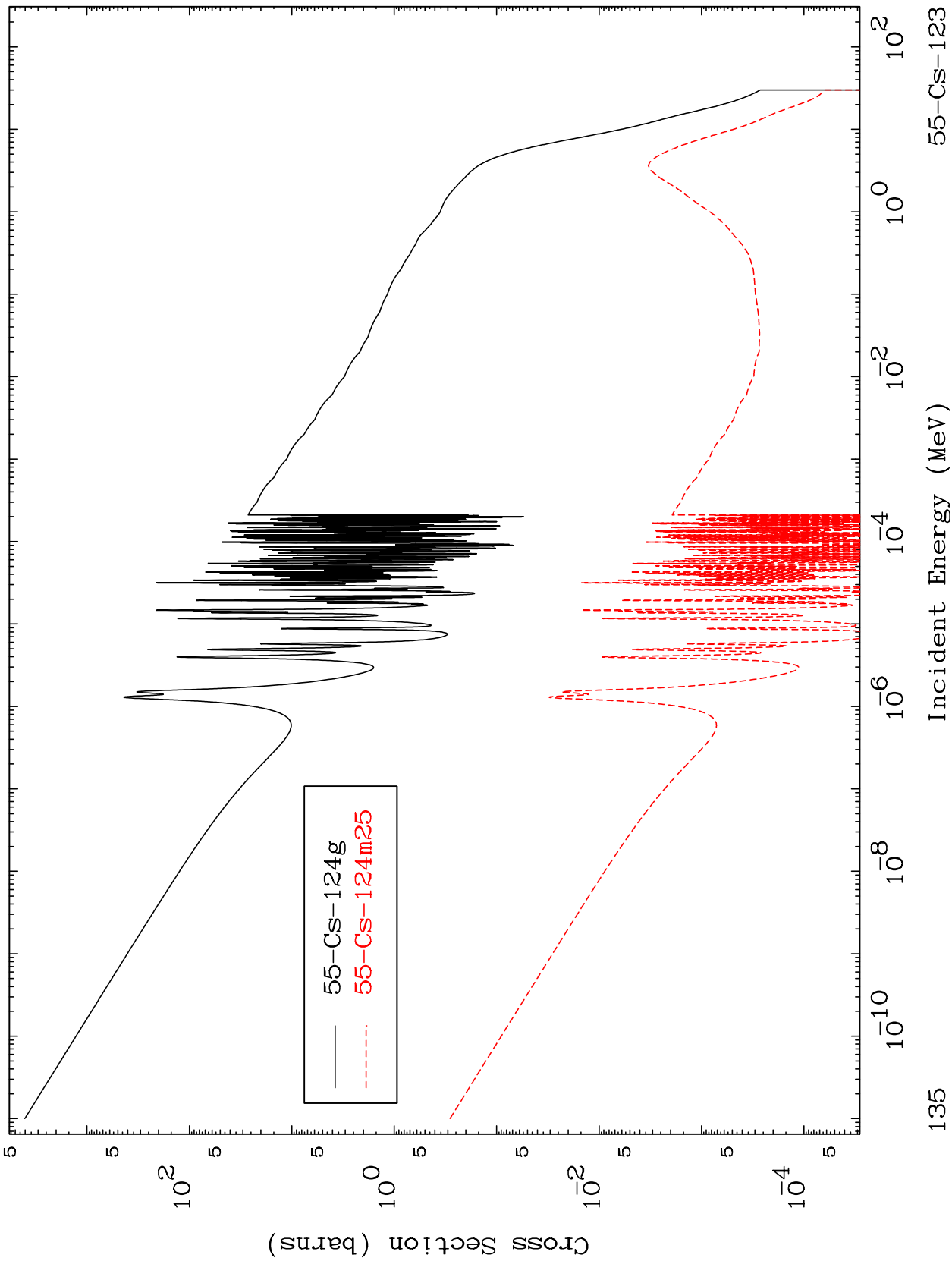


133

Incident Energy (MeV)

55-Cs-123

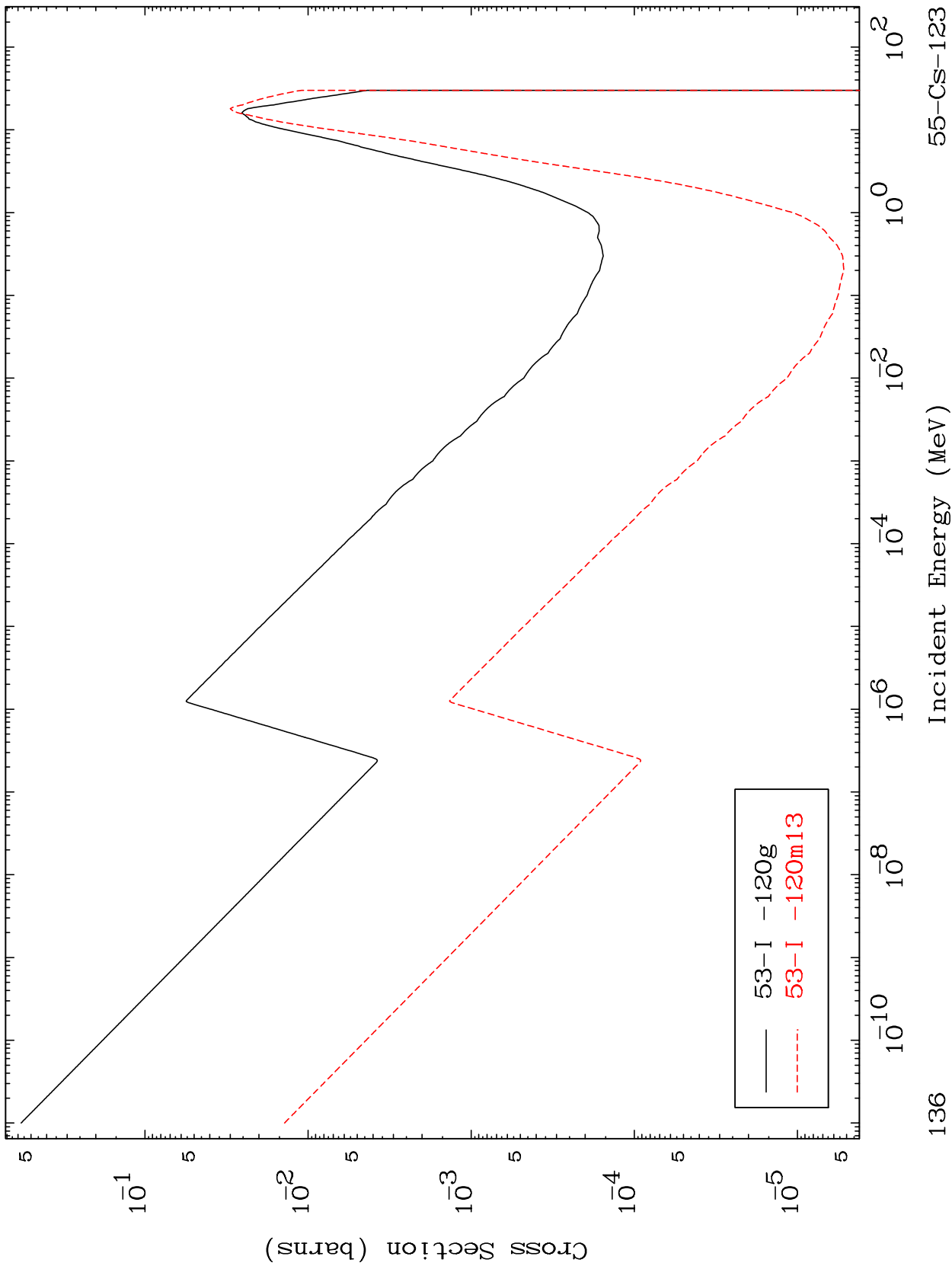
(n,γ)
Radionuclide Production Cross Section



MAT 5495

55-Cs-123

Radionuclide Production Cross Section
(n, α)

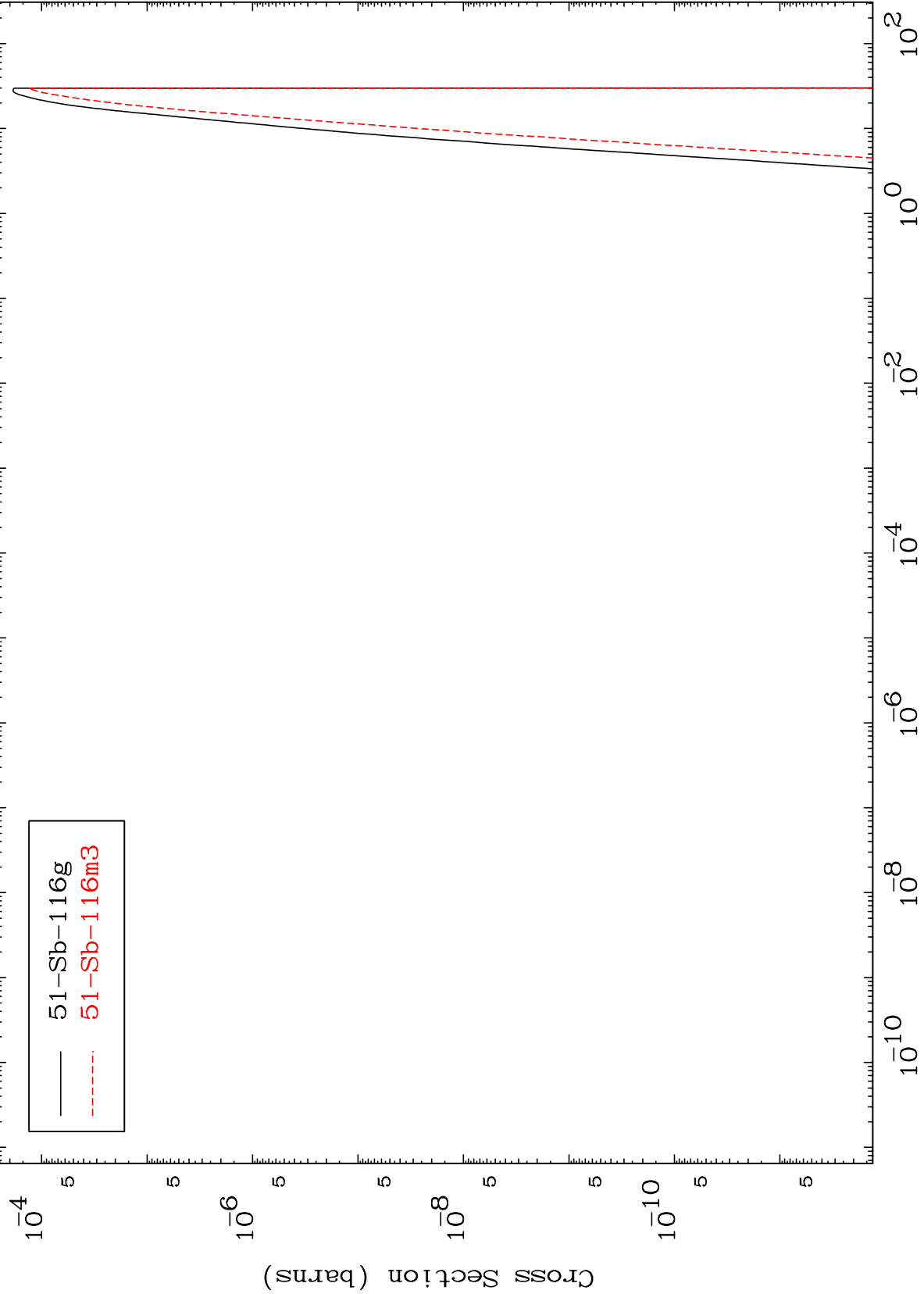


MAT 5495

(n,2α)

55-Cs-123

Radionuclide Production Cross Section

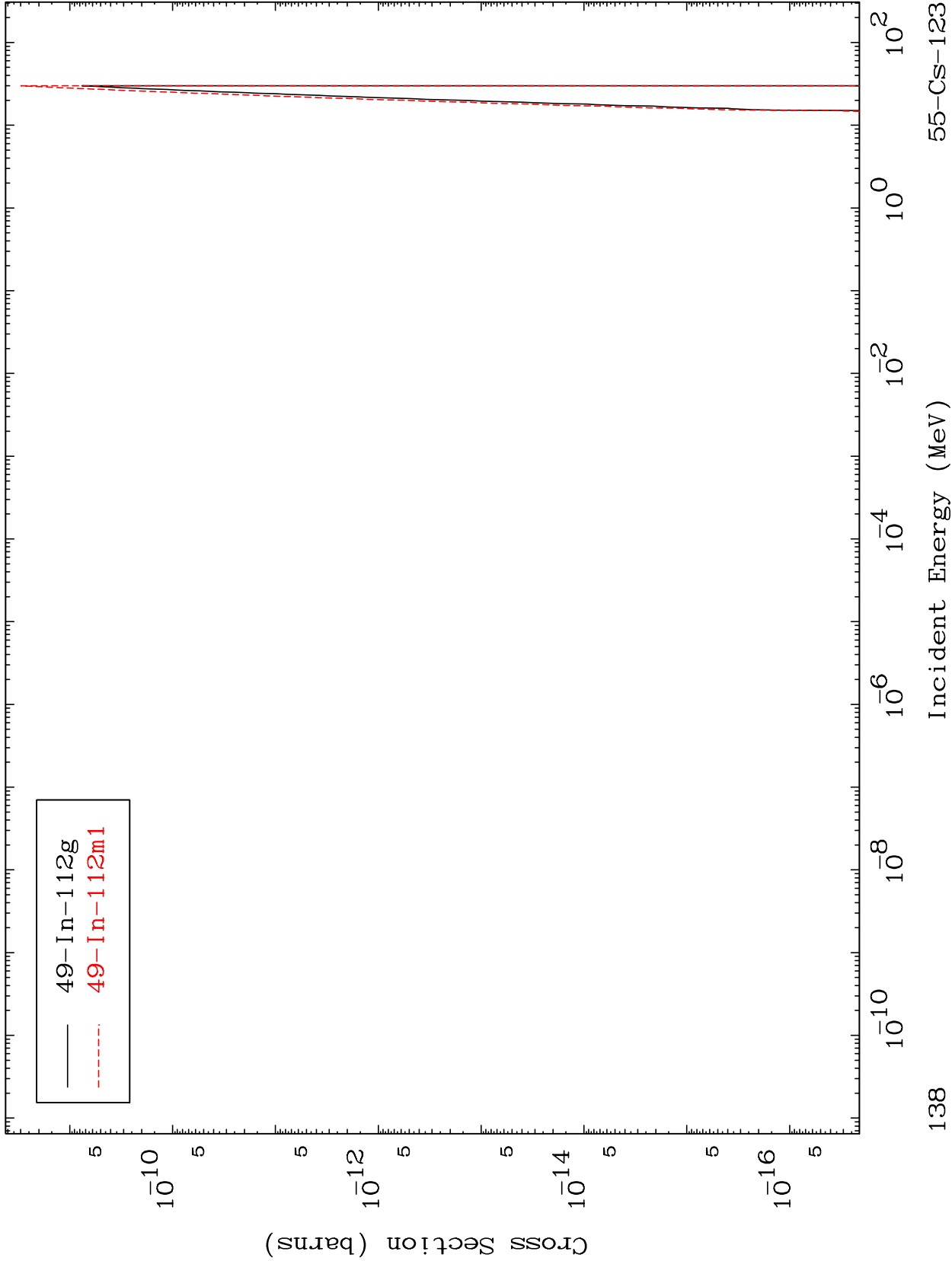


MAT 5495

(n,3 α)

55-Cs-123

Radionuclide Production Cross Section

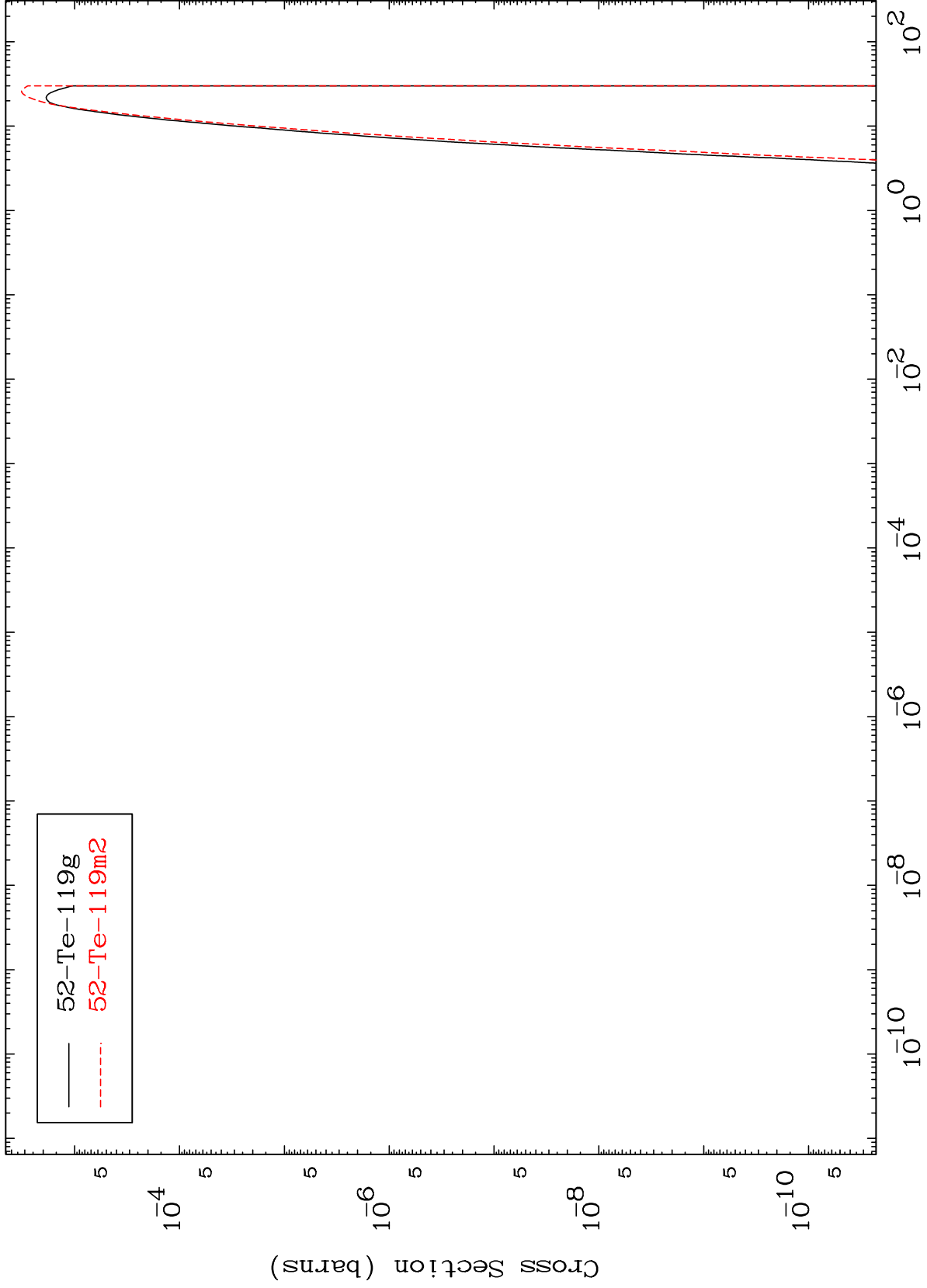


MAT 5495

(n,p) α

55-Cs-123

Radionuclide Production Cross Section



139

Incident Energy (MeV)

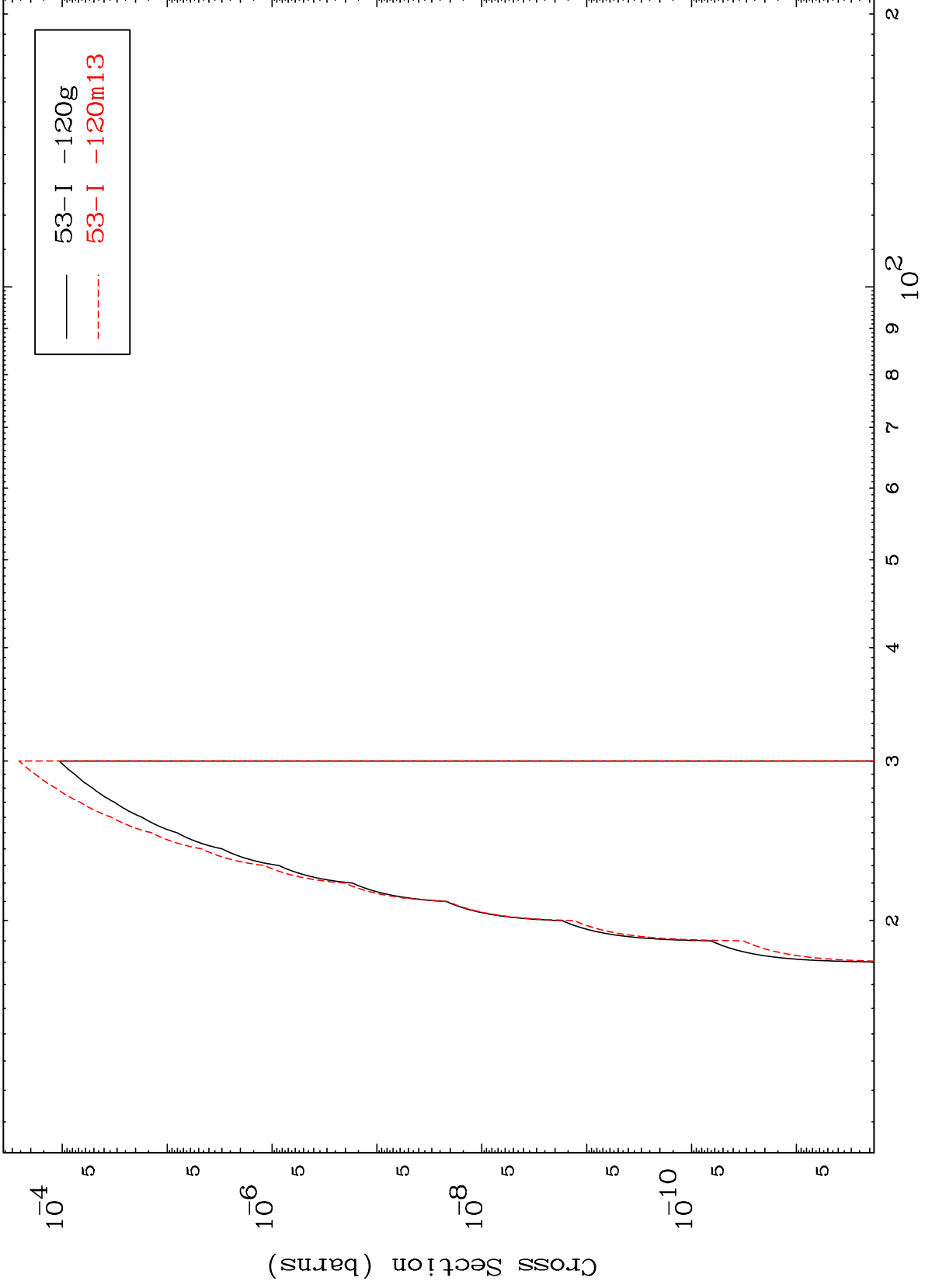
55-Cs-123

MAT 5495

(n,p) t

55-Cs-123

Radionuclide Production Cross Section



140

Incident Energy (MeV)

55-Cs-123