

Program EVALPLOT
(Version 2015-2)

by

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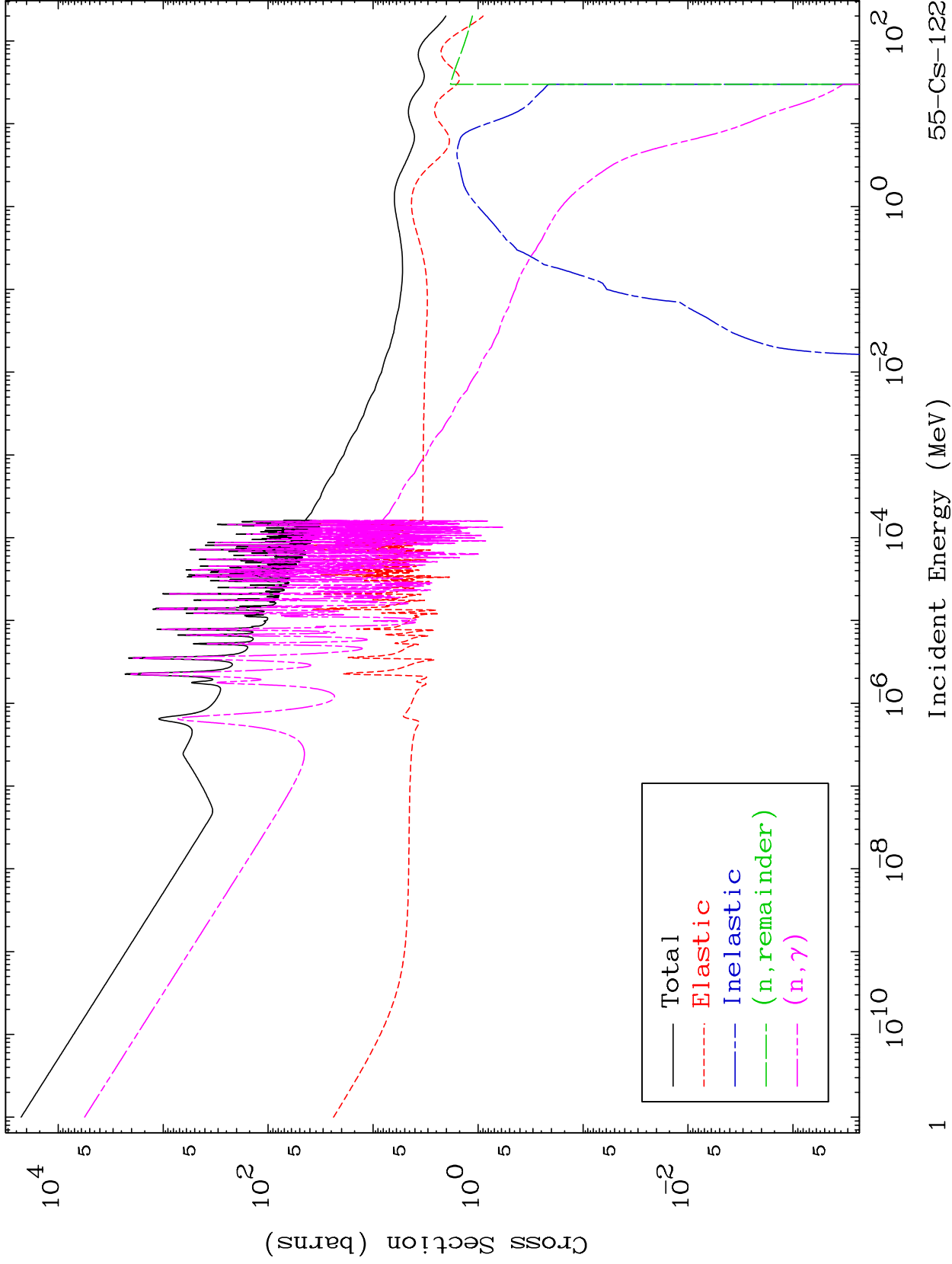
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5492

Major
293 Kelvin Cross Sections

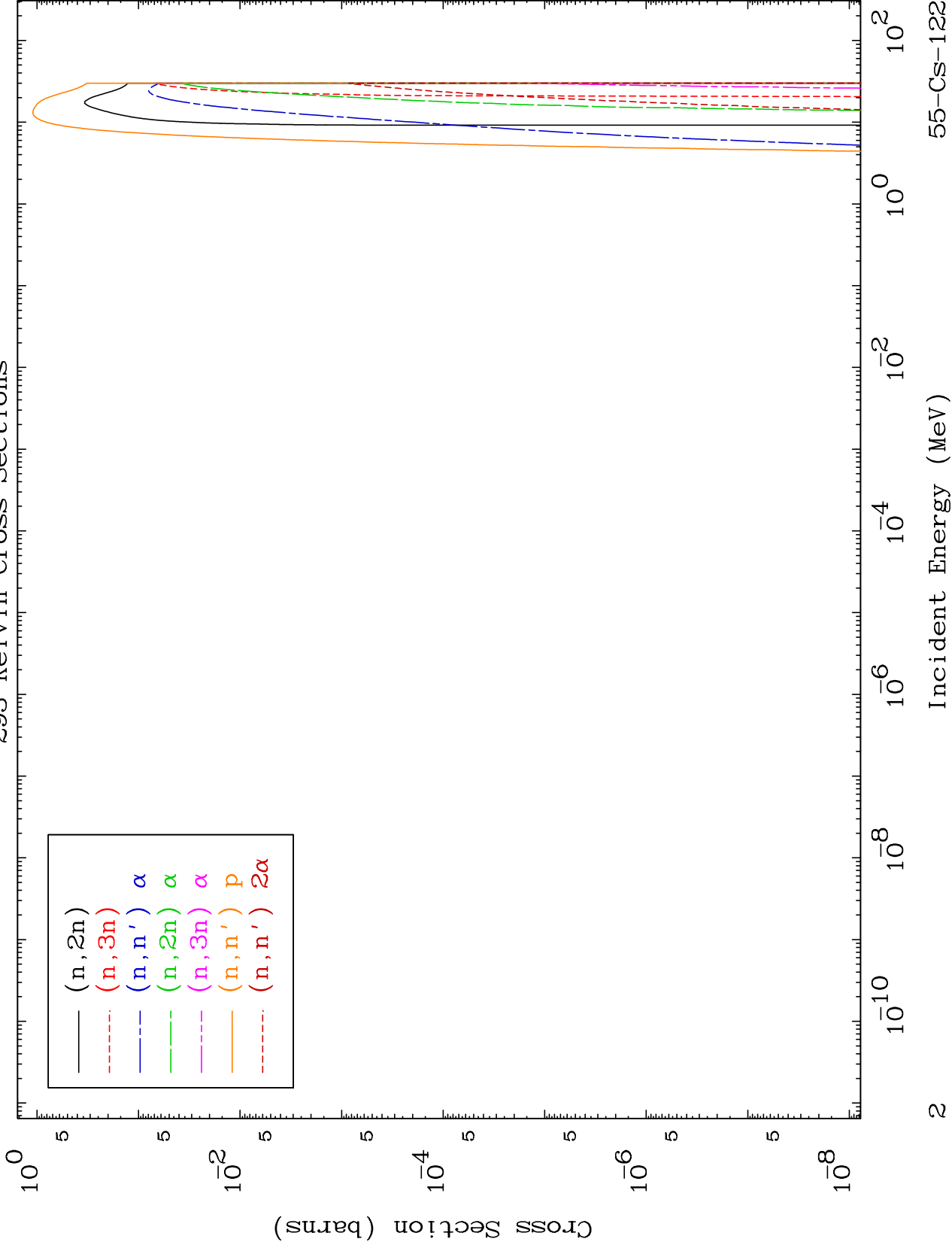
55-Cs-122

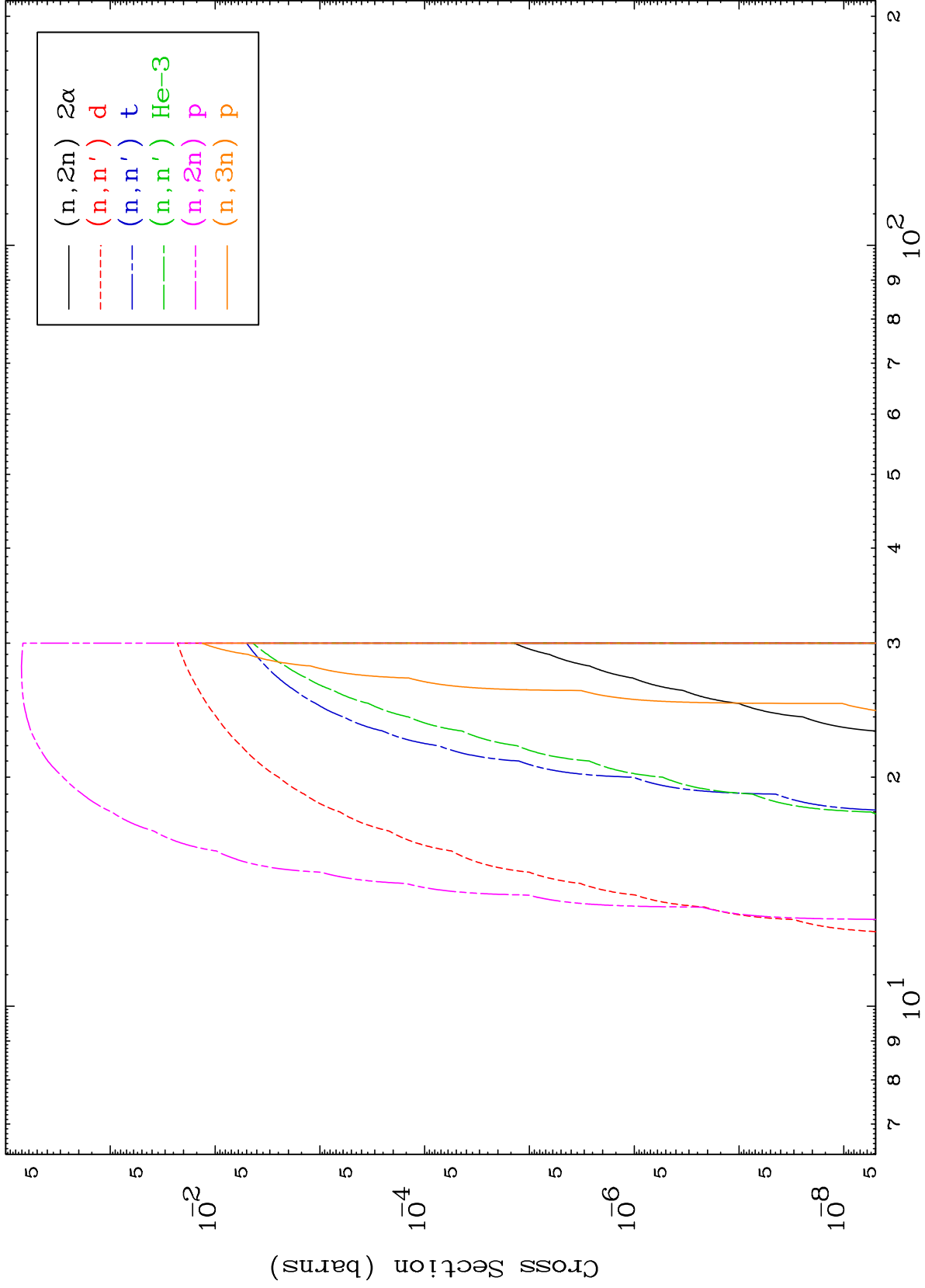


MAT 5492

Neutron Production
293 Kelvin Cross Sections

55-Cs-122

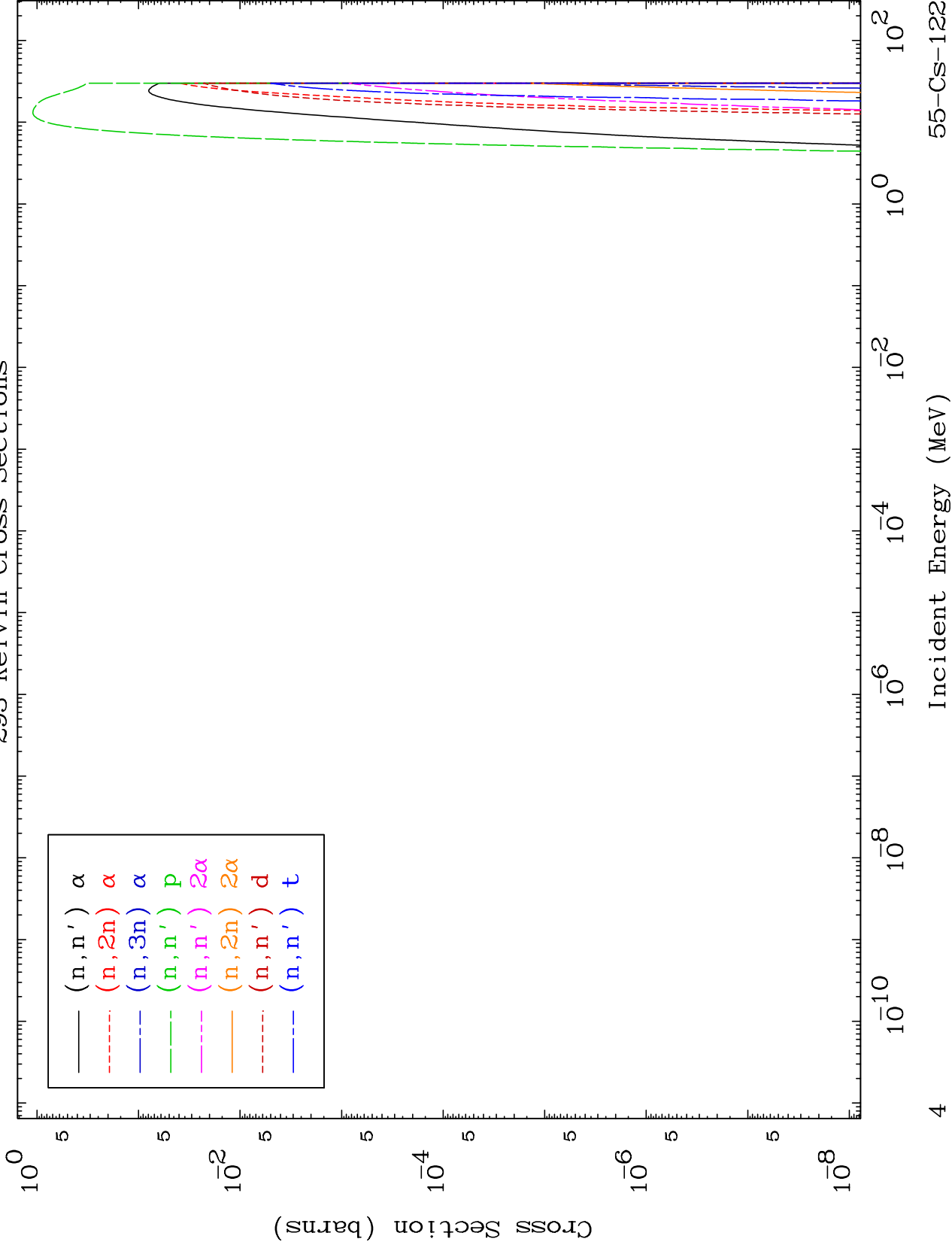


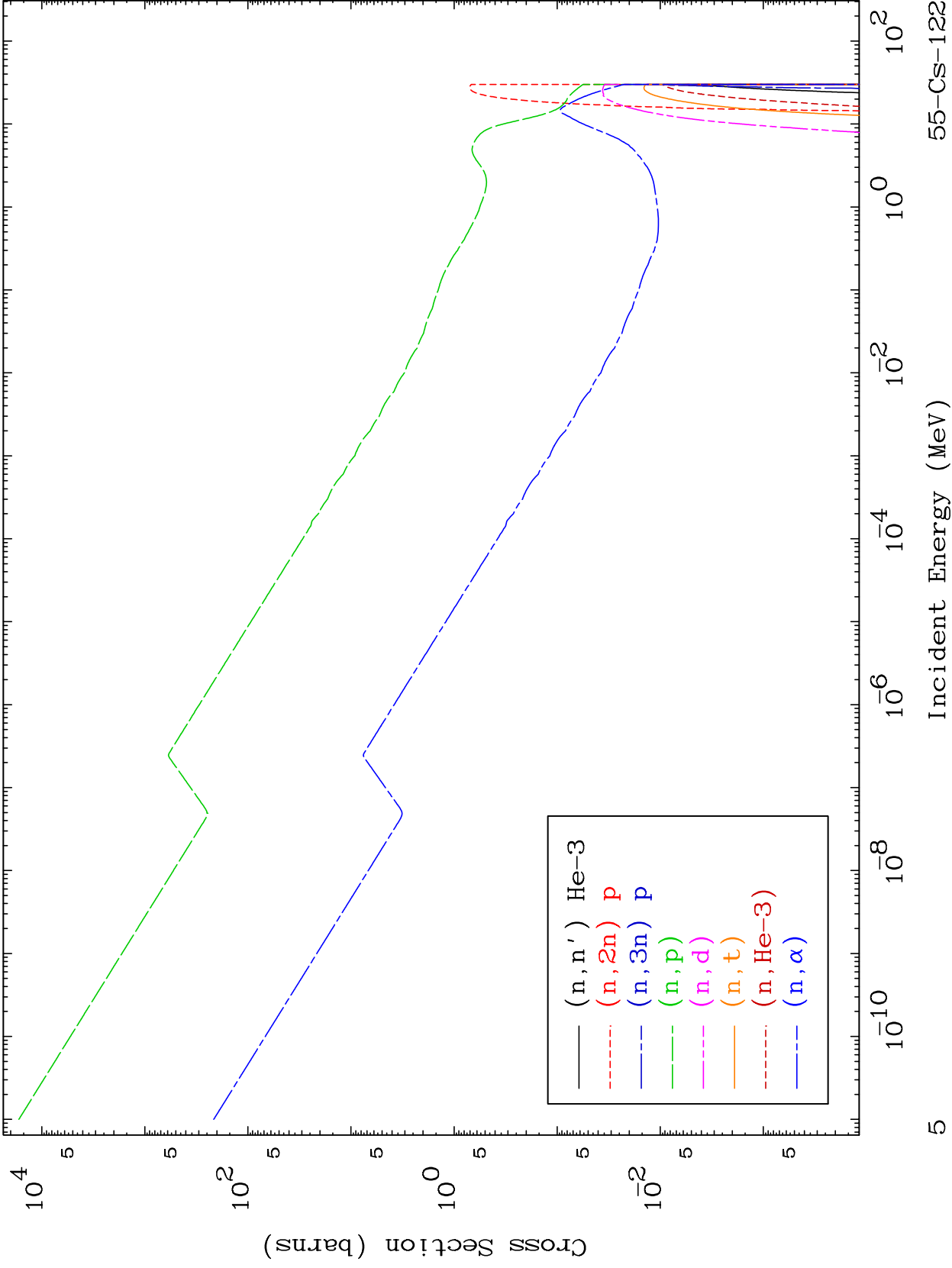


MAT 5492

Charged Particle
293 Kelvin Cross Sections

55-Cs-122

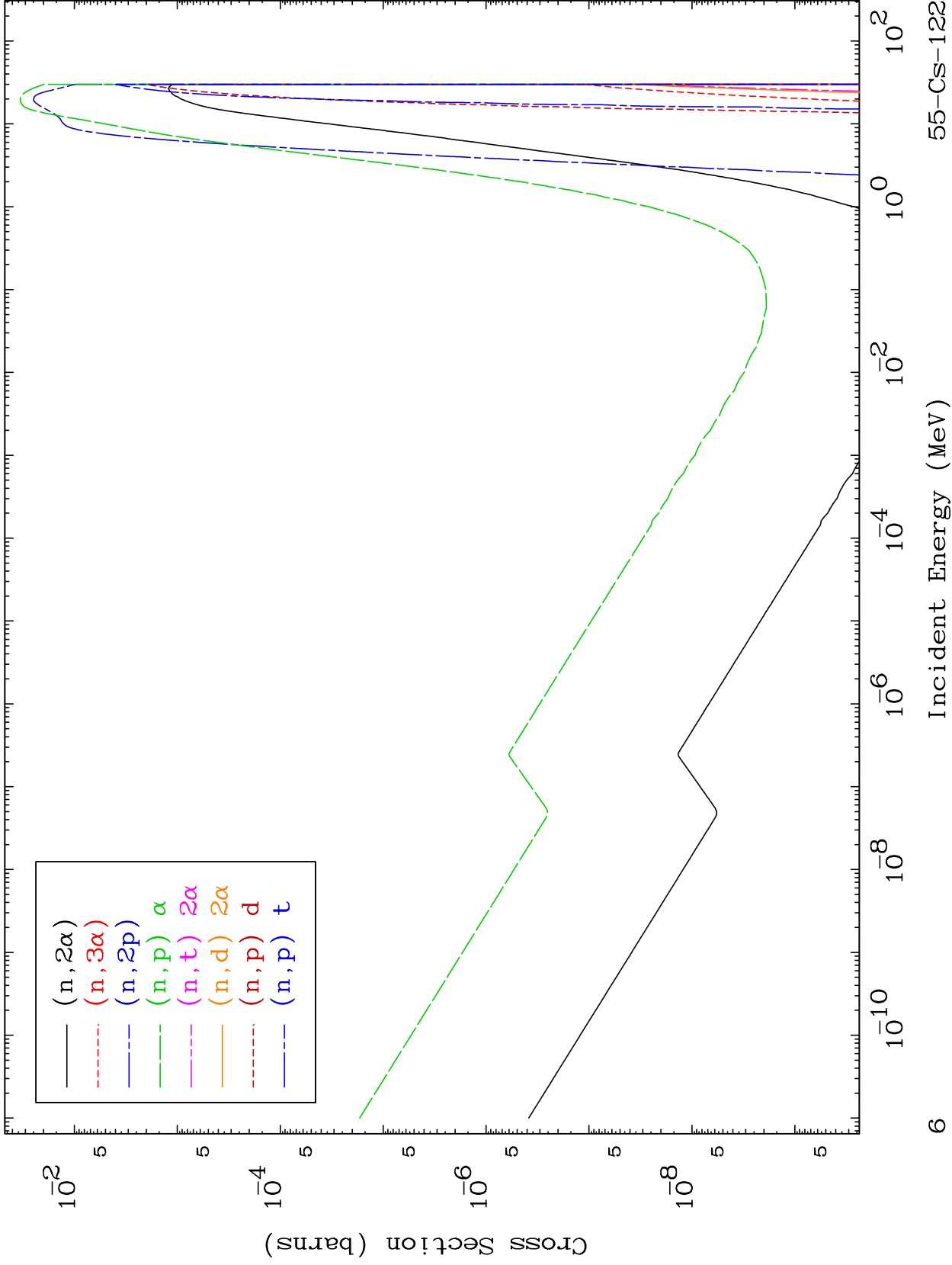




MAT 5492

Charged Particle
293 Kelvin Cross Sections

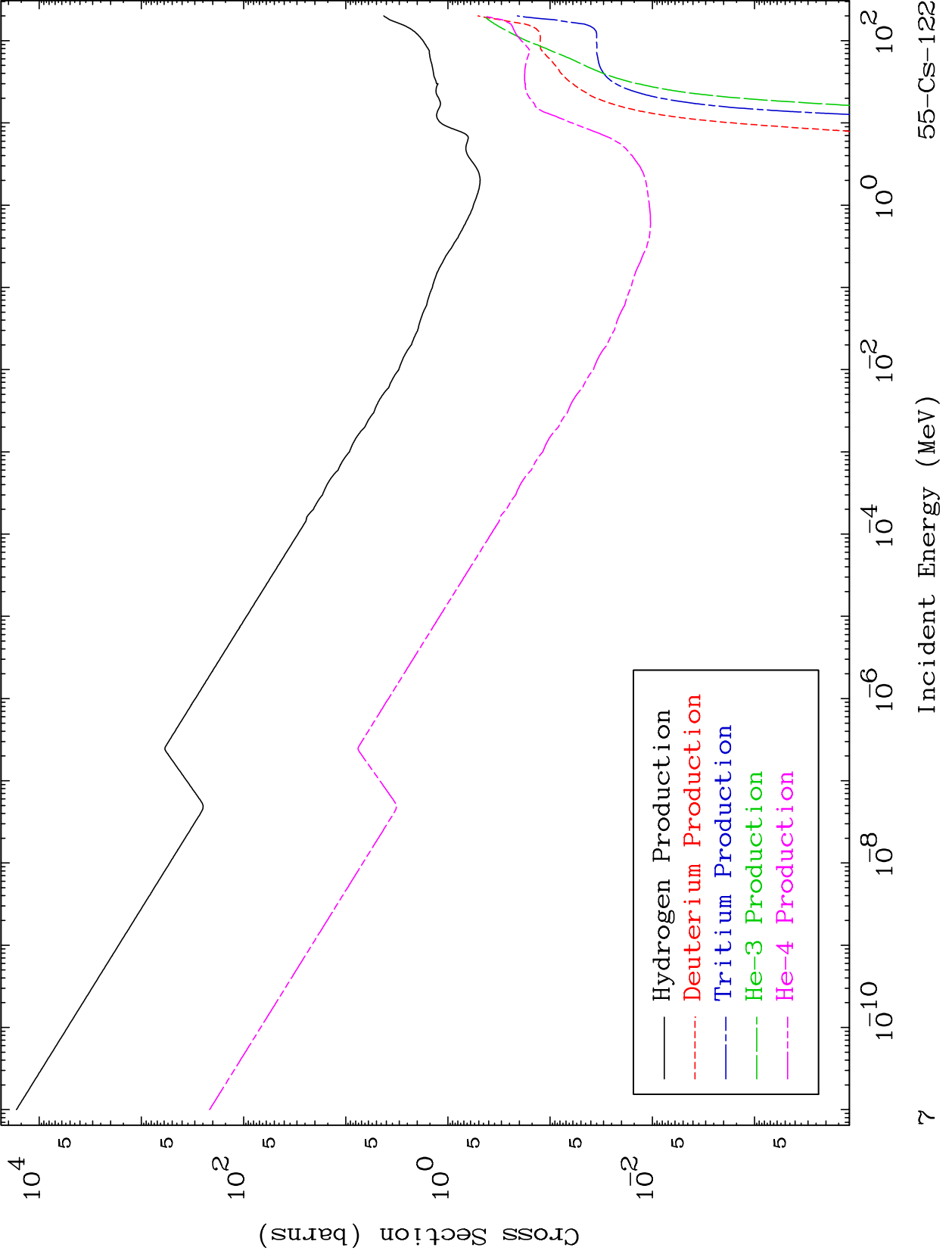
55-Cs-122



MAT 5492

Particle Production
293 Kelvin Cross Sections

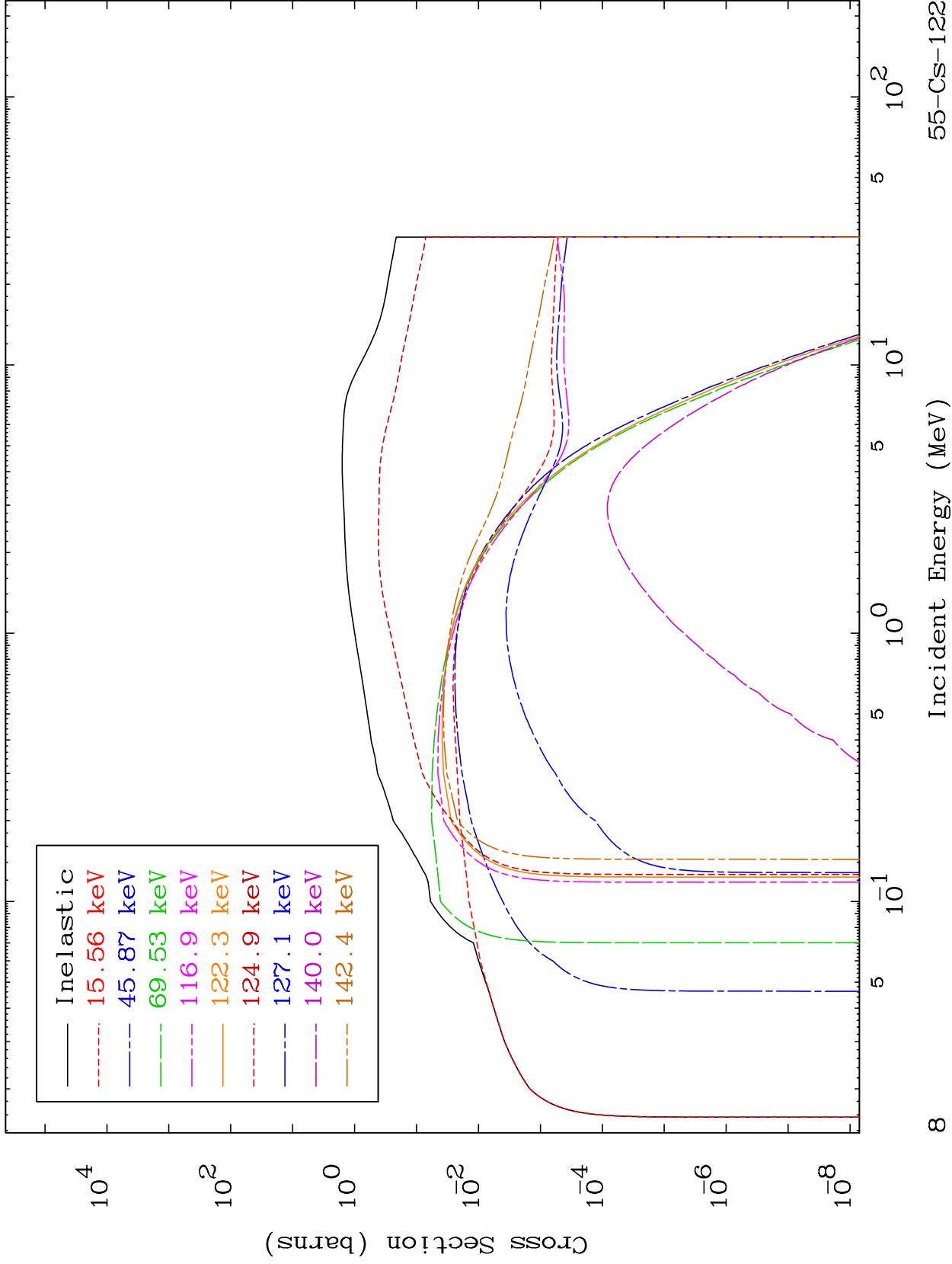
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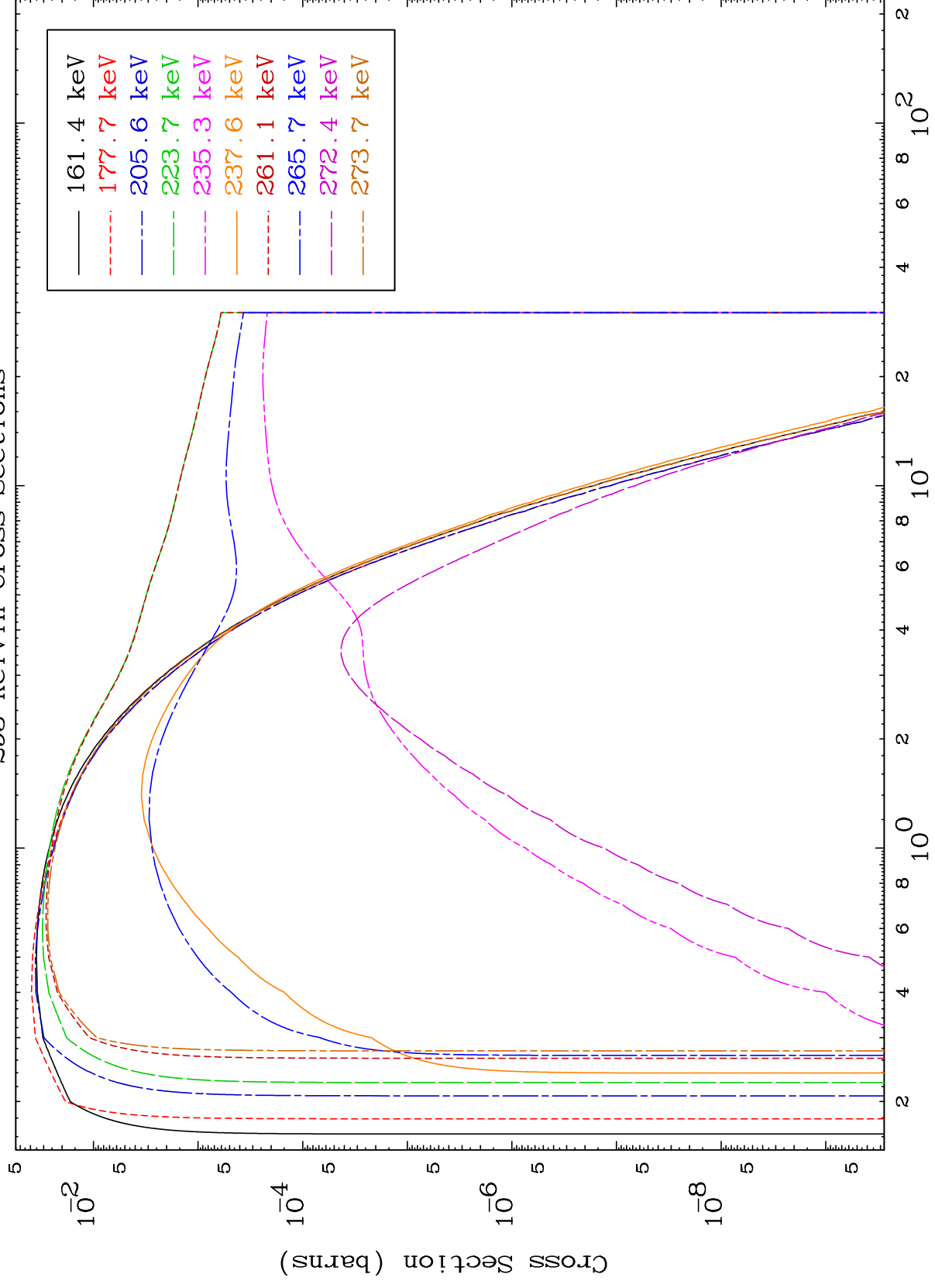


MAT 5492

(n,n') Level
293 Kelvin Cross Sections

55-Cs-122

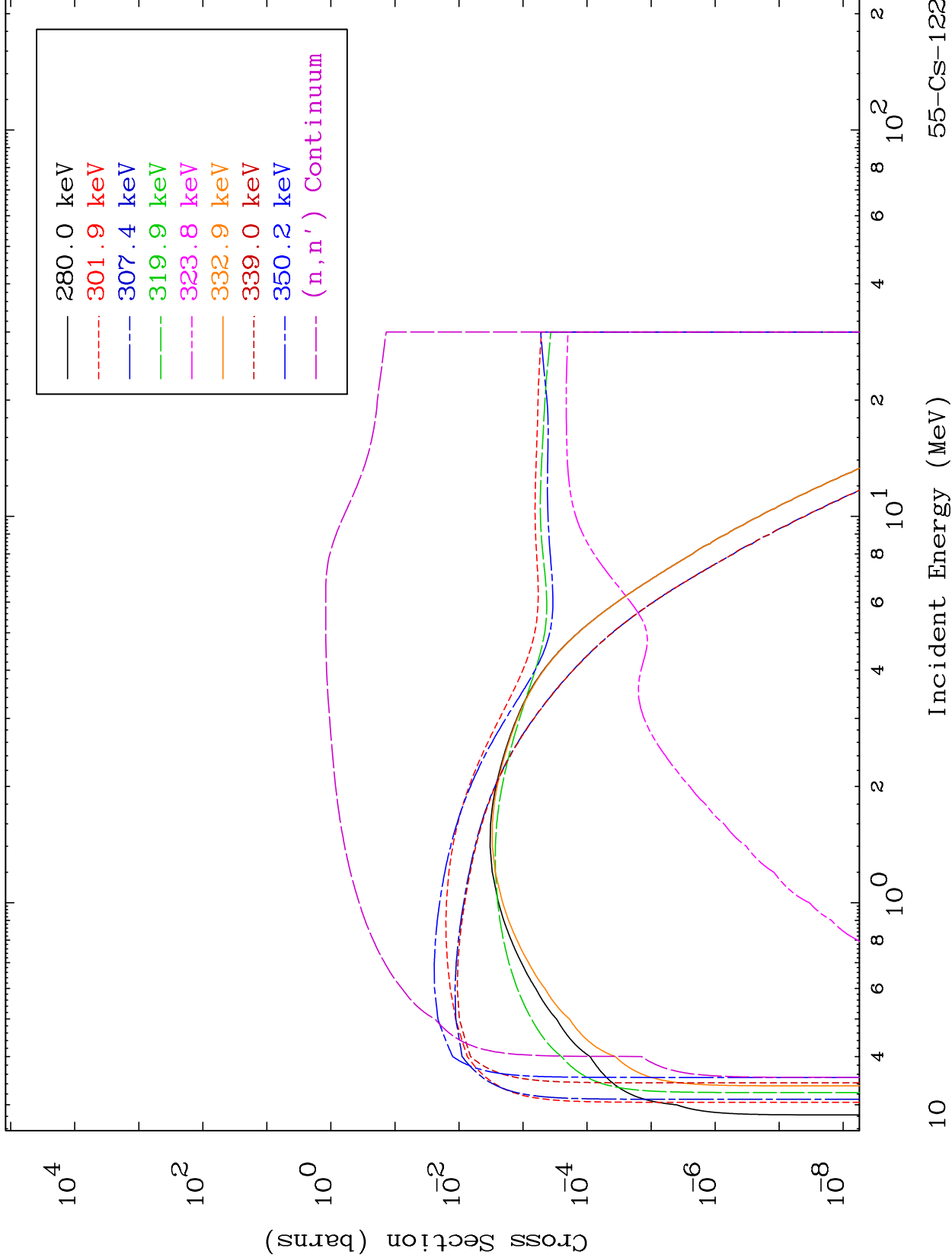




MAT 5492

(n,n') Level
293 Kelvin Cross Sections

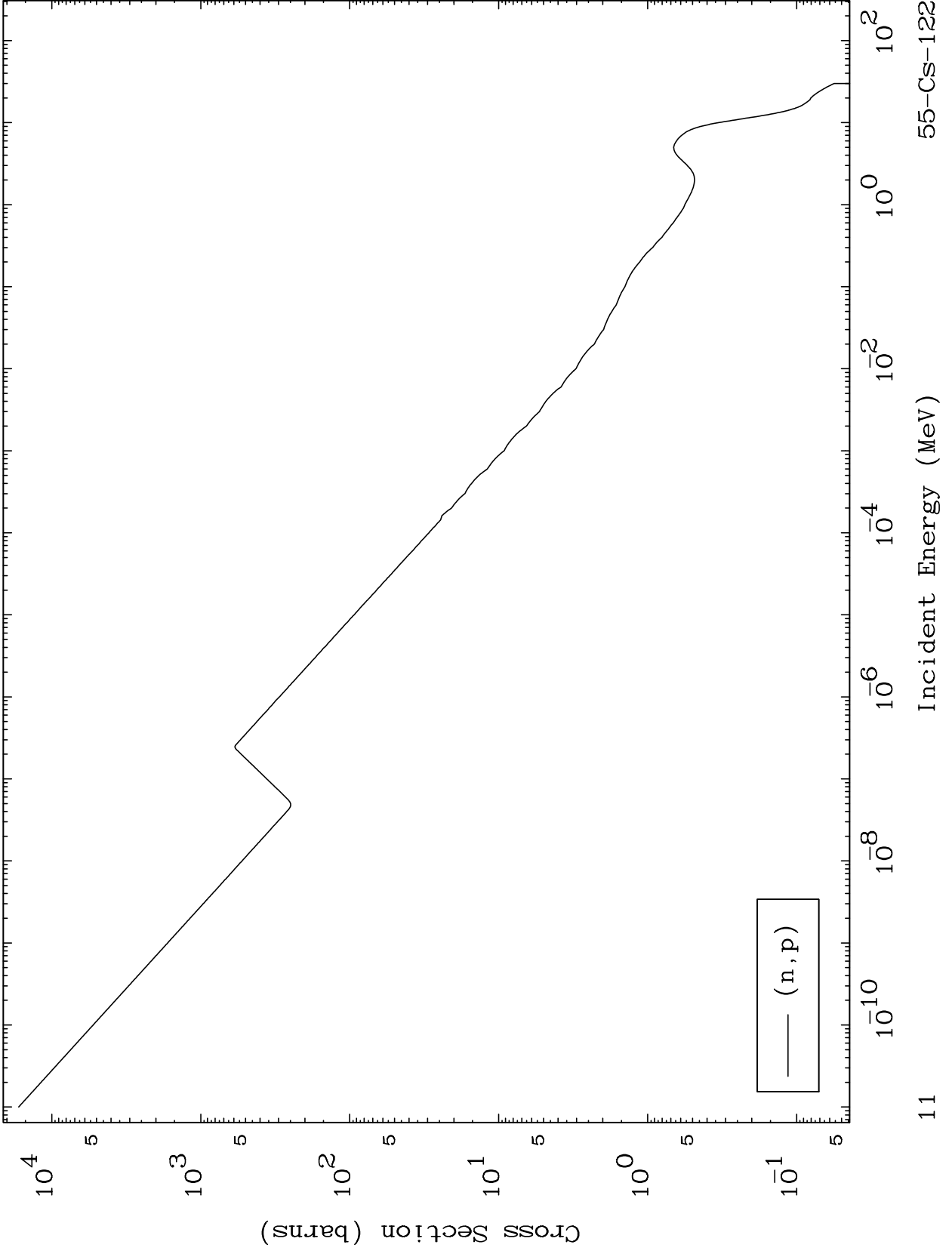
55-Cs-122



MAT 5492

(n,p) Levels
293 Kelvin Cross Sections

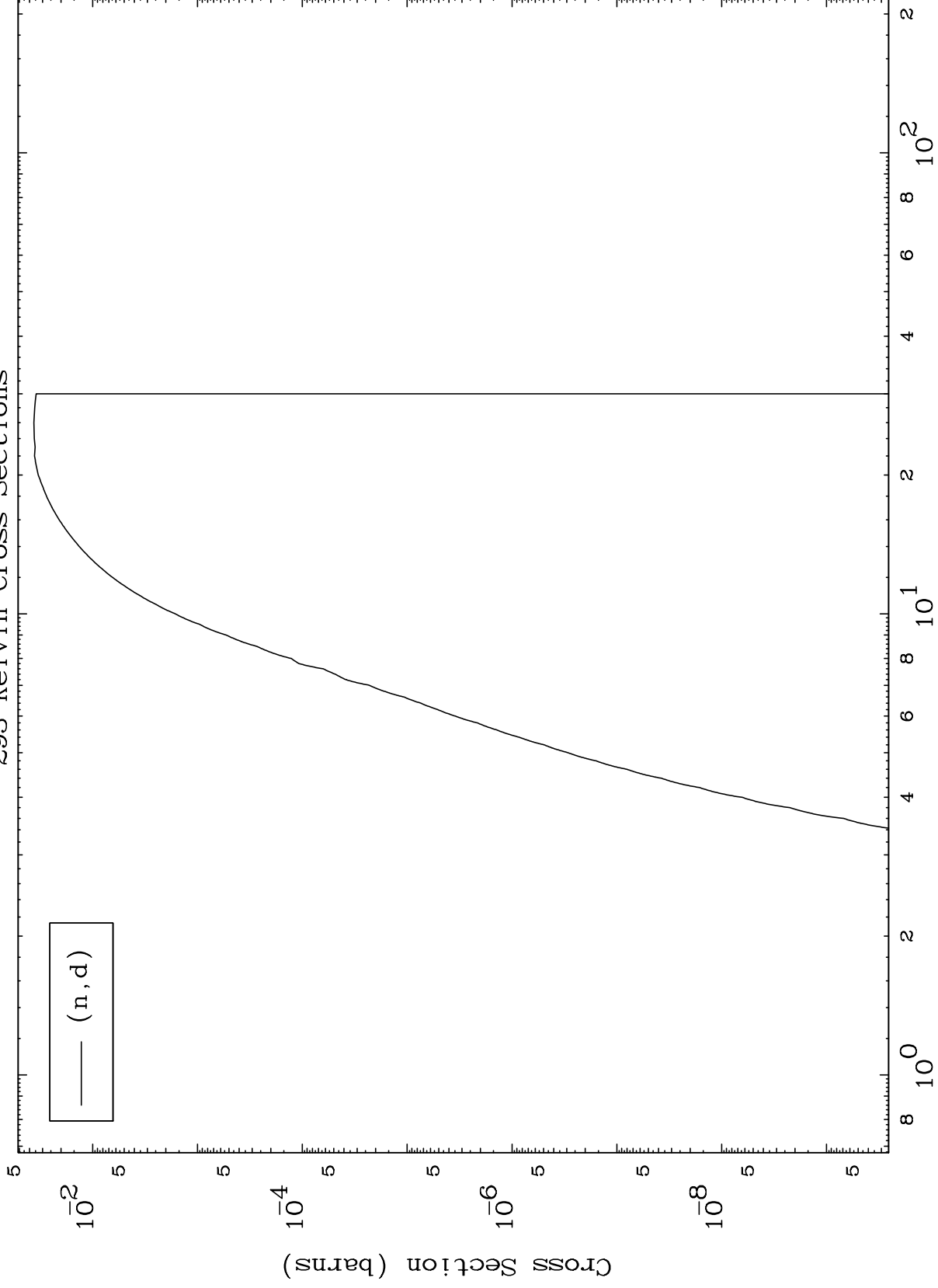
55-Cs-122



MAT 5492

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-122



12

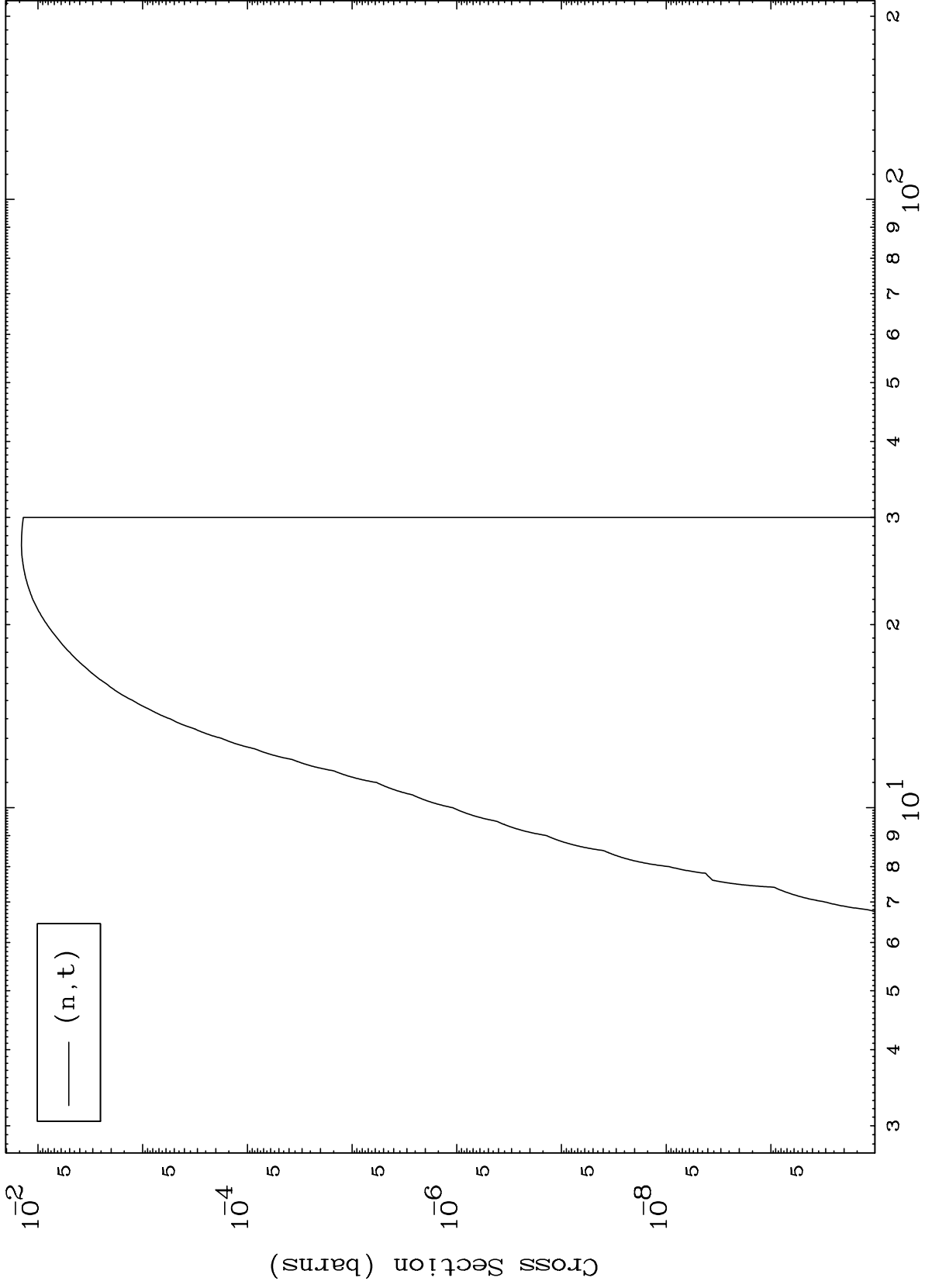
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-122



13

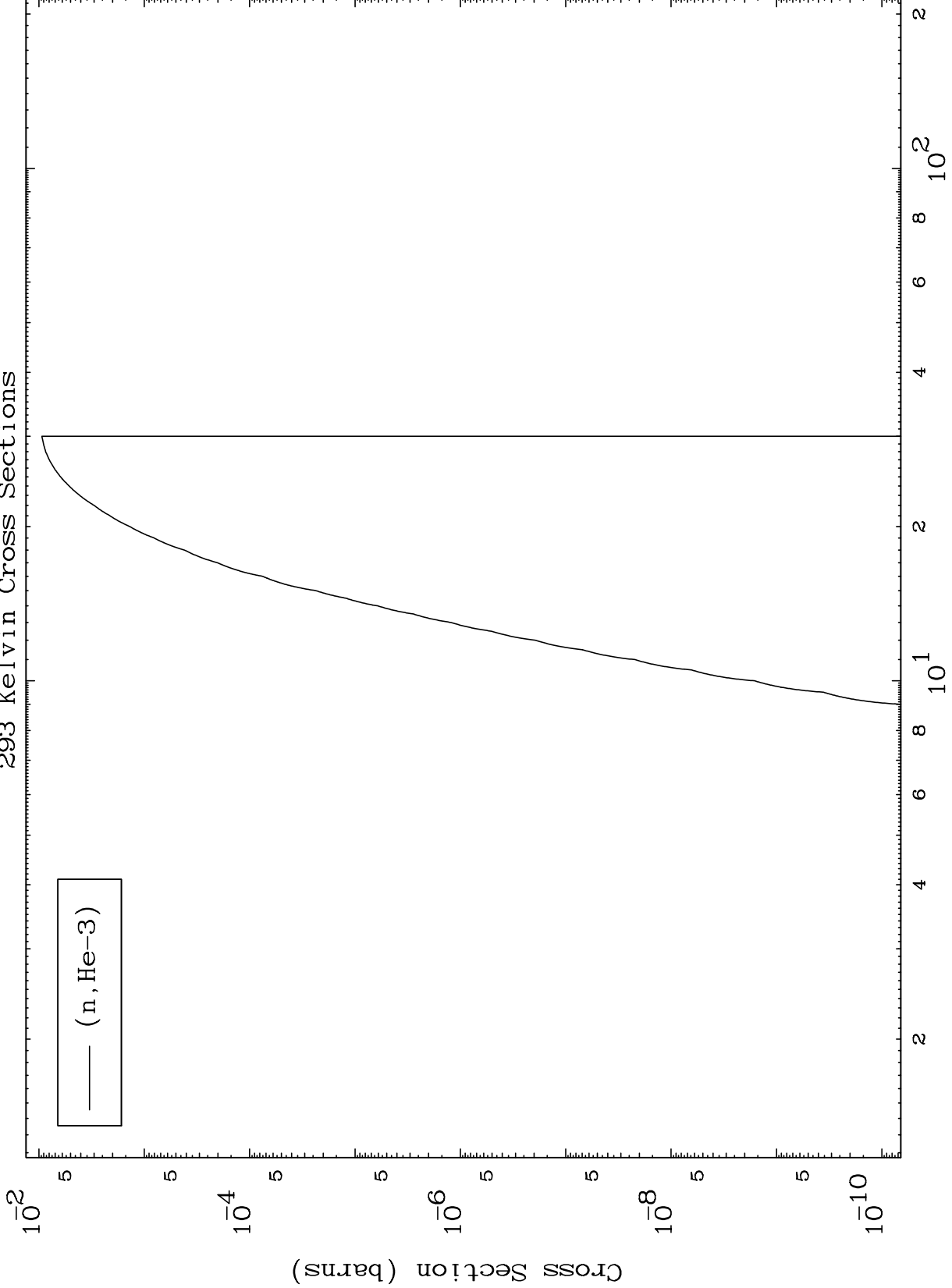
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-122



14

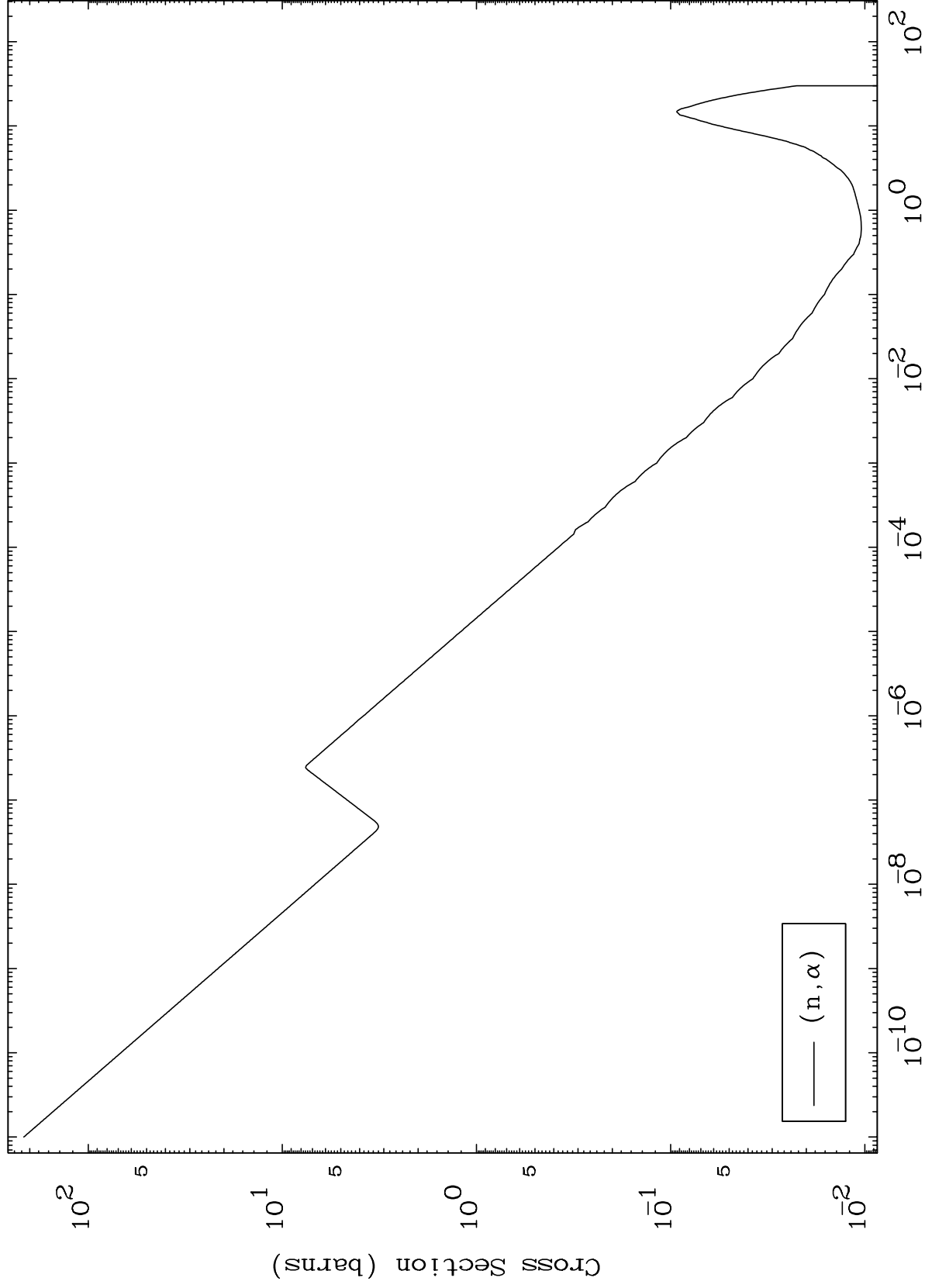
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n, α) Levels
293 Kelvin Cross Sections

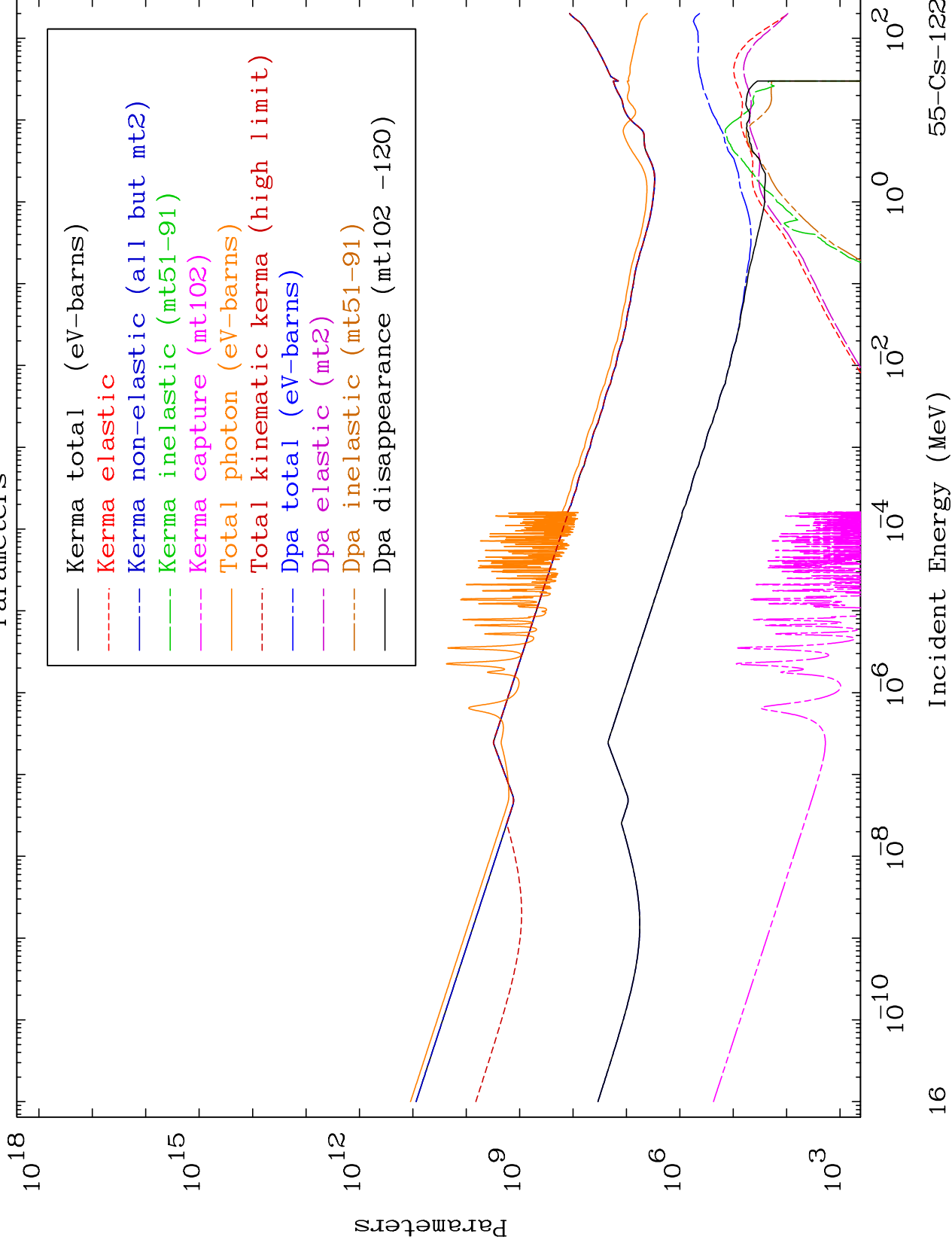
55-Cs-122



15

Incident Energy (MeV)

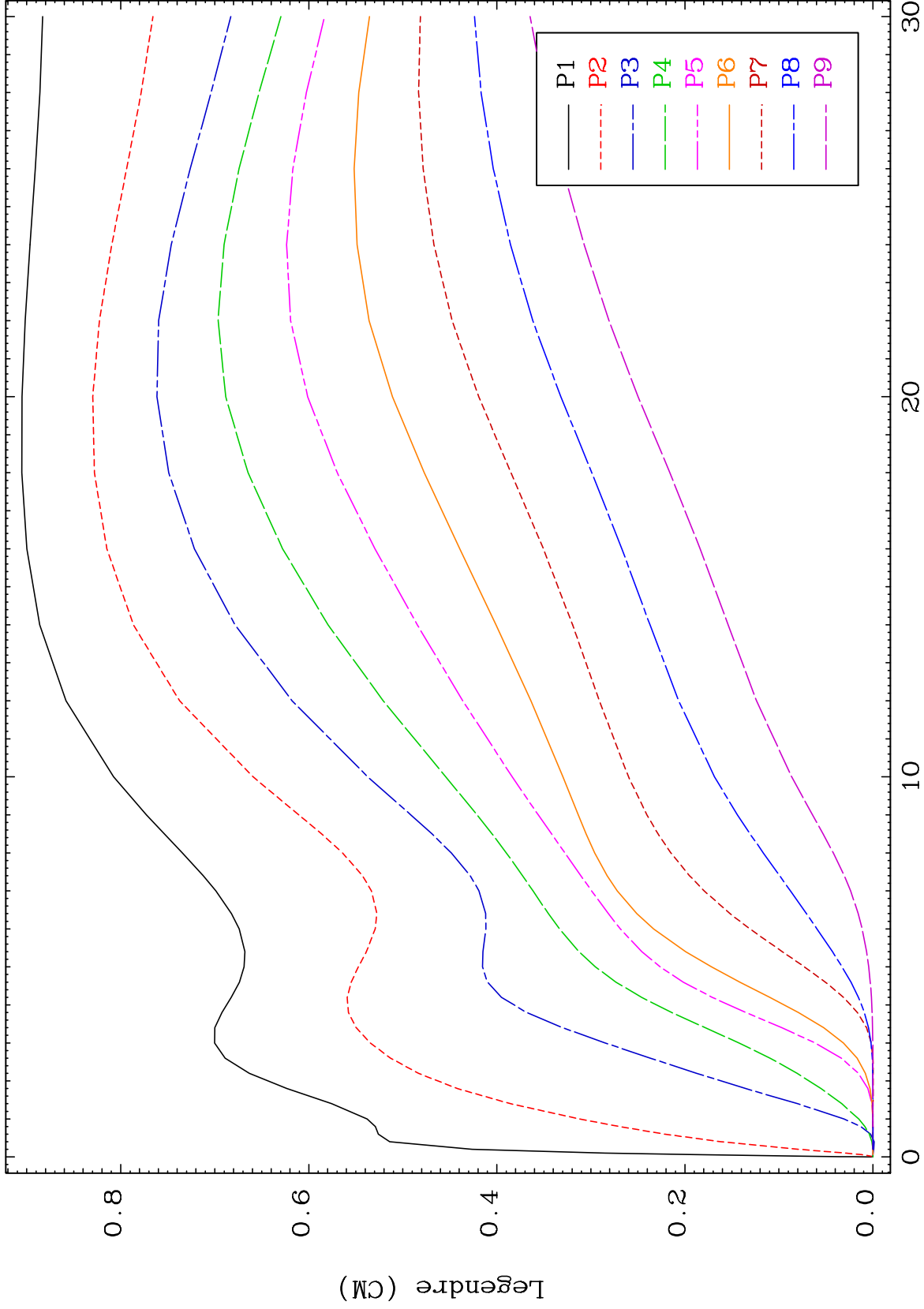
55-Cs-122



MAT 5492

Elastic Legendre Coefficients

55-Cs-122



17

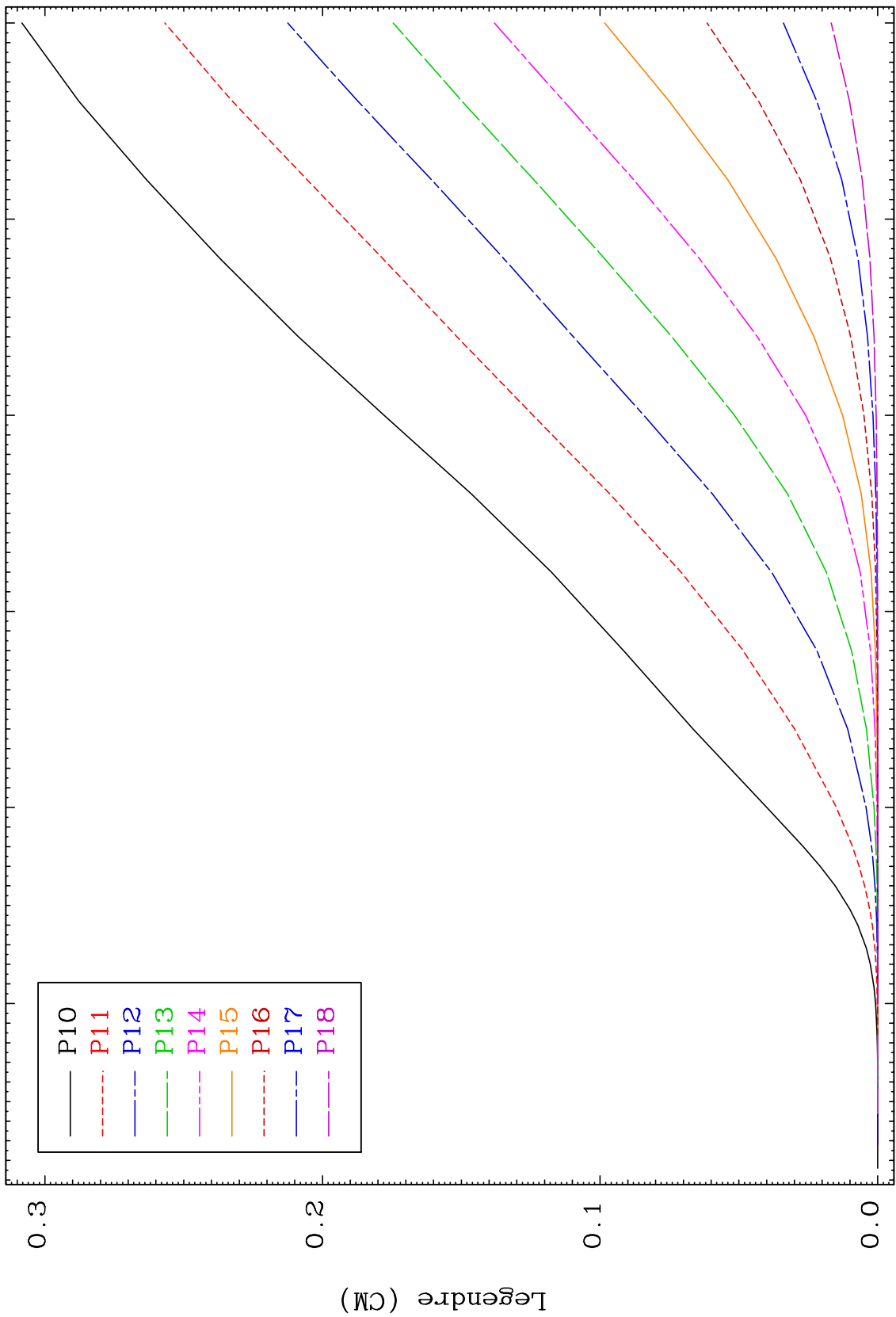
Incident Energy (MeV)

55-Cs-122

MAT 5492

Elastic Legendre Coefficients

55-Cs-122



18

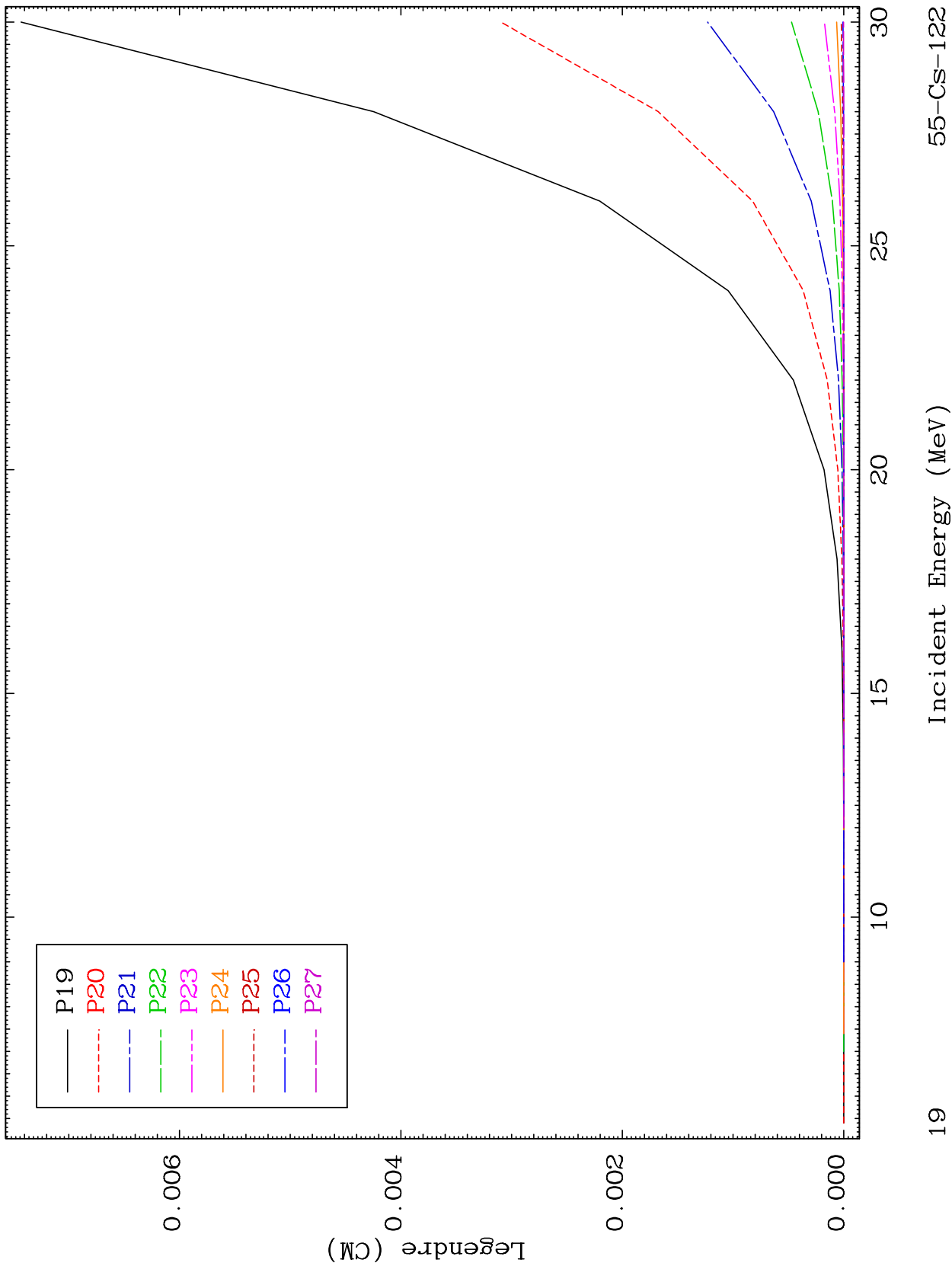
Incident Energy (MeV)

55-Cs-122

MAT 5492

Elastic Legendre Coefficients

55-Cs-122



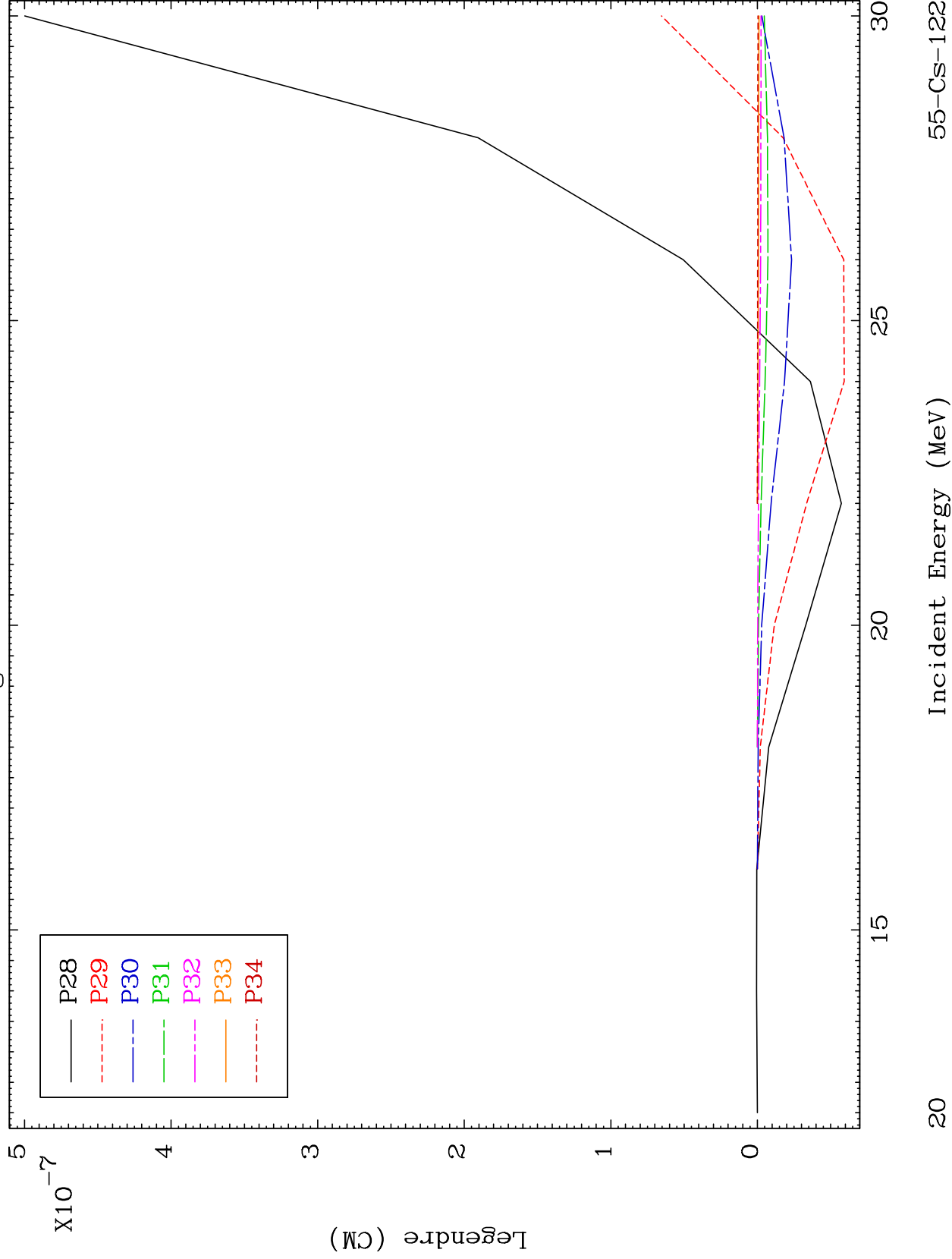
19

55-Cs-122

MAT 5492

Elastic
Legendre Coefficients

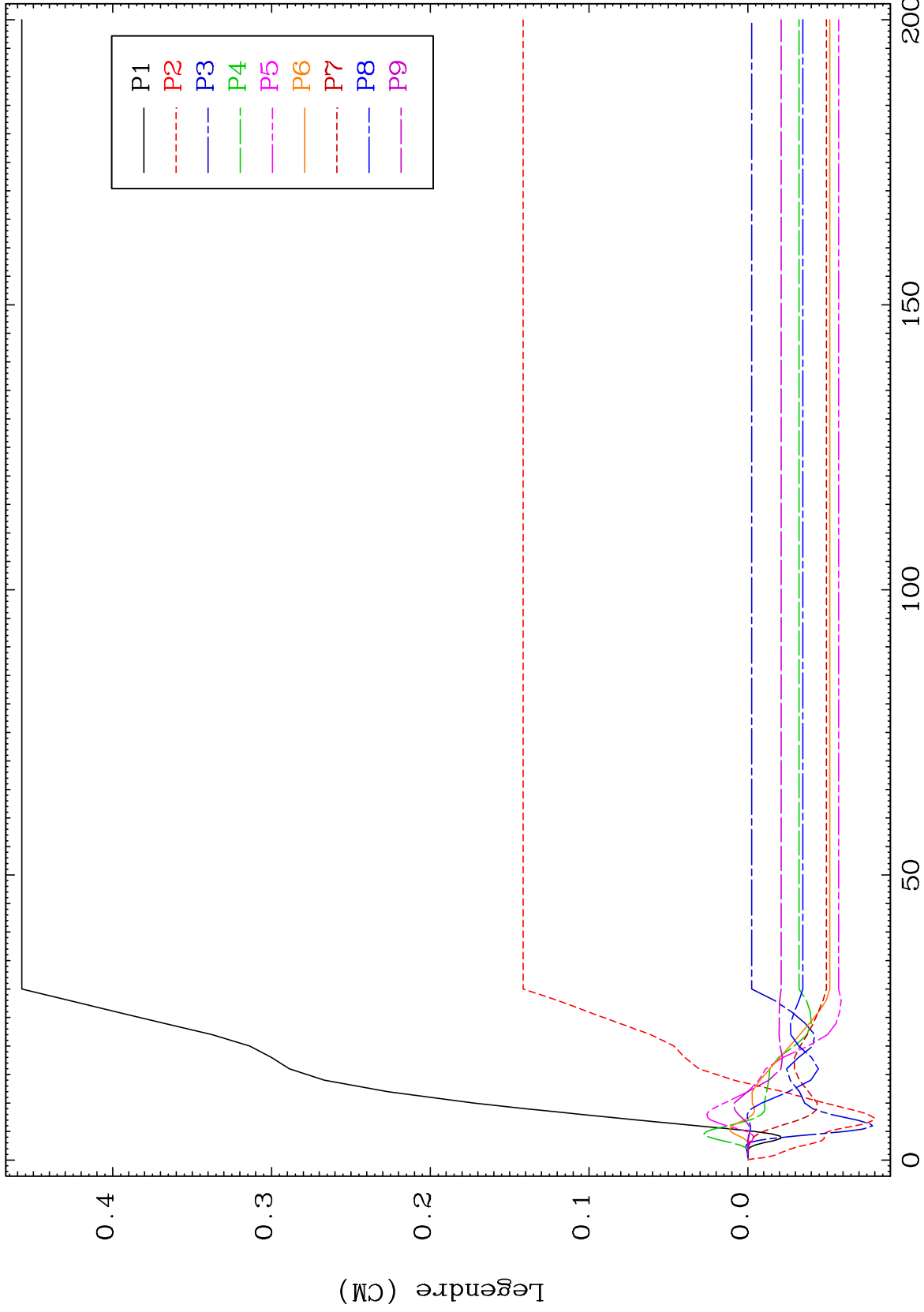
55-Cs-122



MAT 5492

15.56 keV (n,n') Level
Legendre Coefficients

55-Cs-122



21

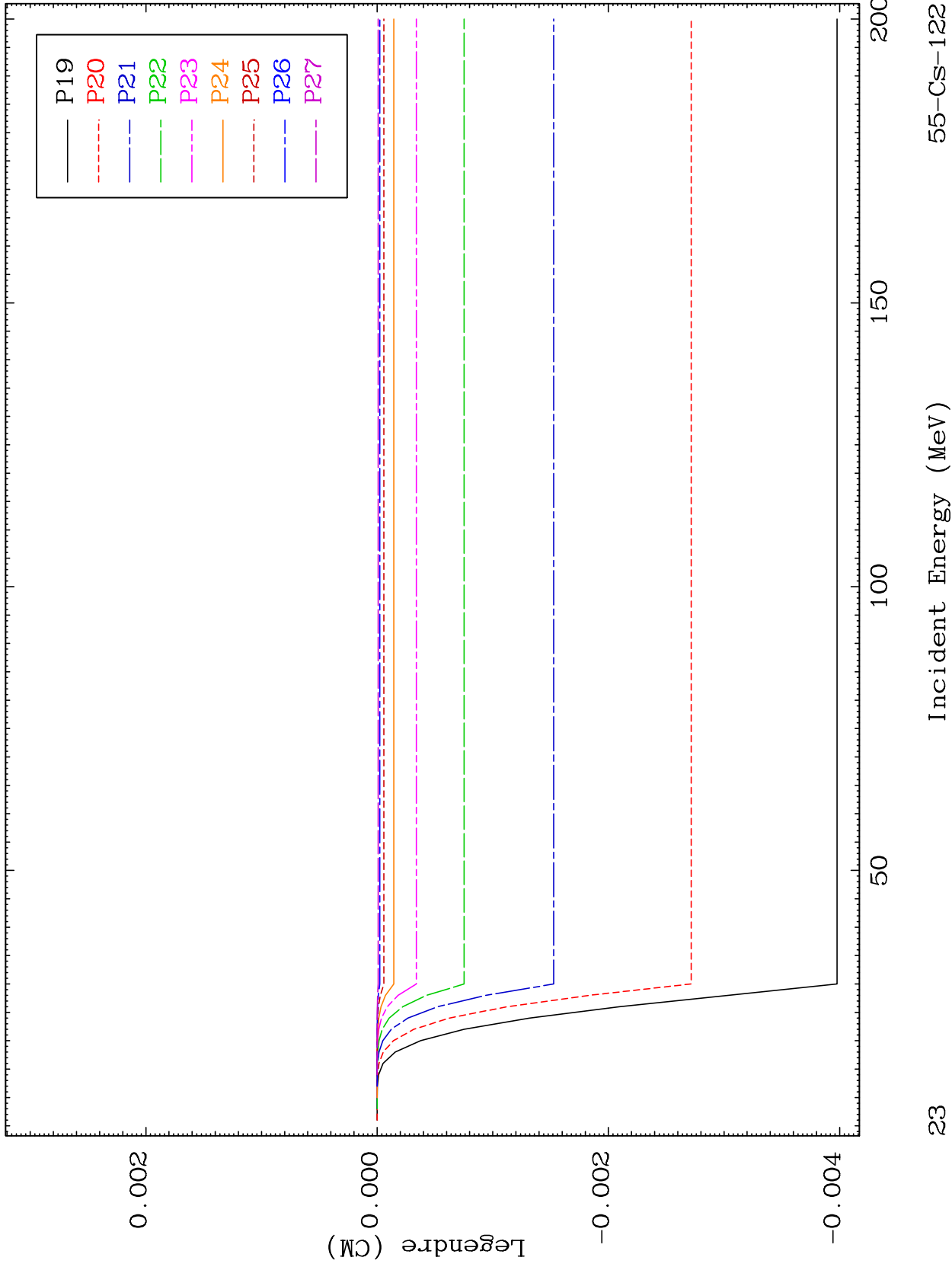
Incident Energy (MeV)

55-Cs-122

MAT 5492

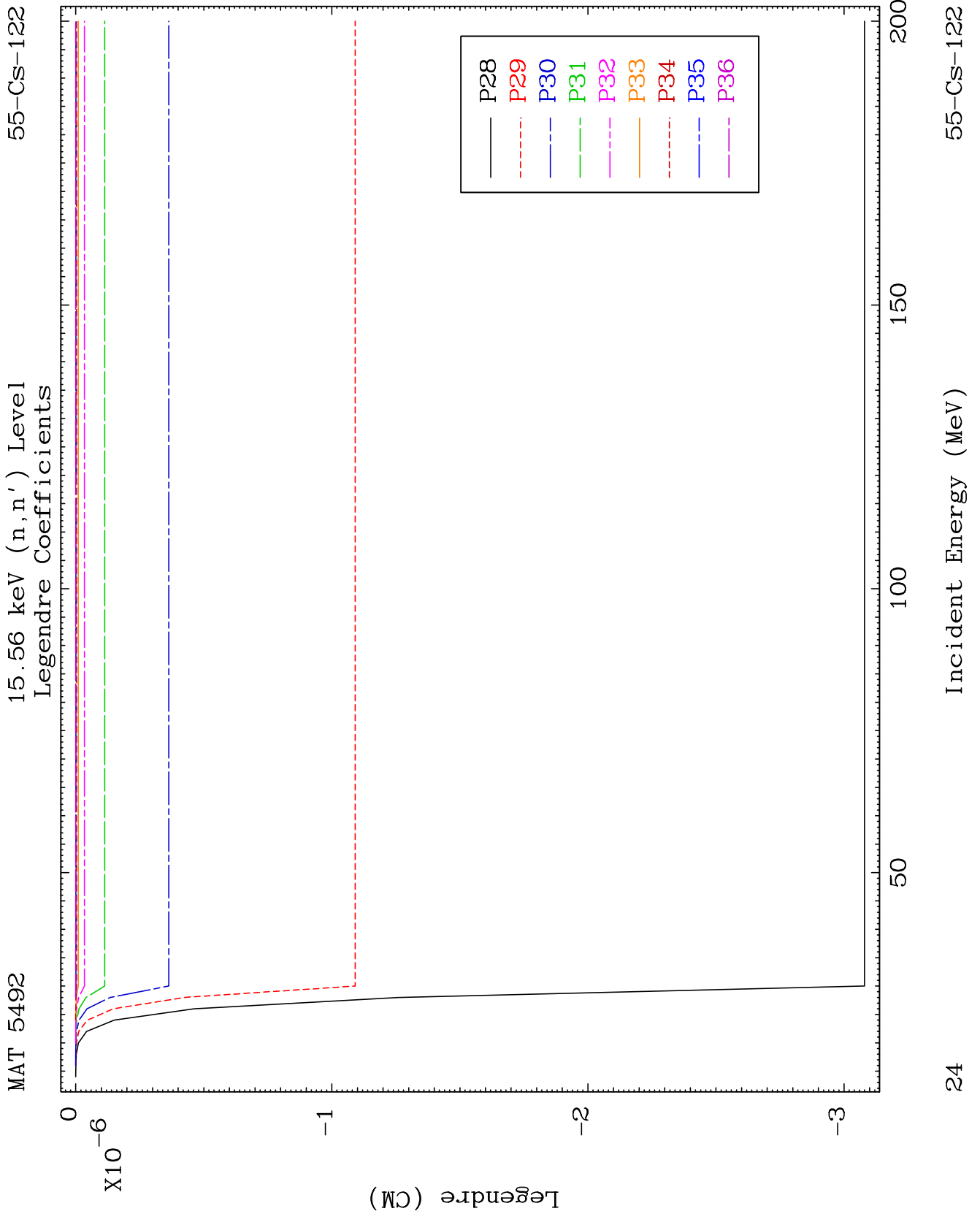
15.56 keV (n,n') Level
Legendre Coefficients

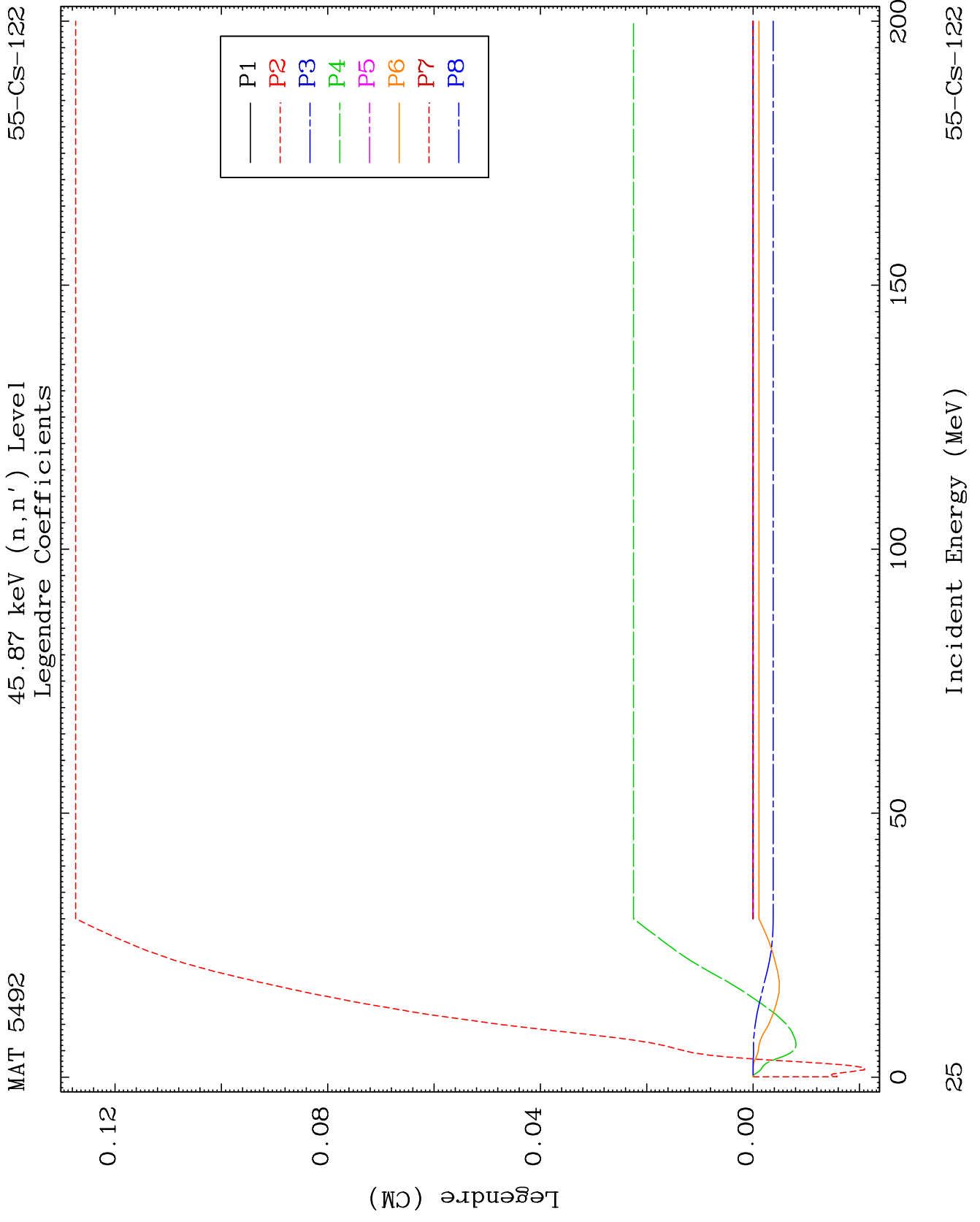
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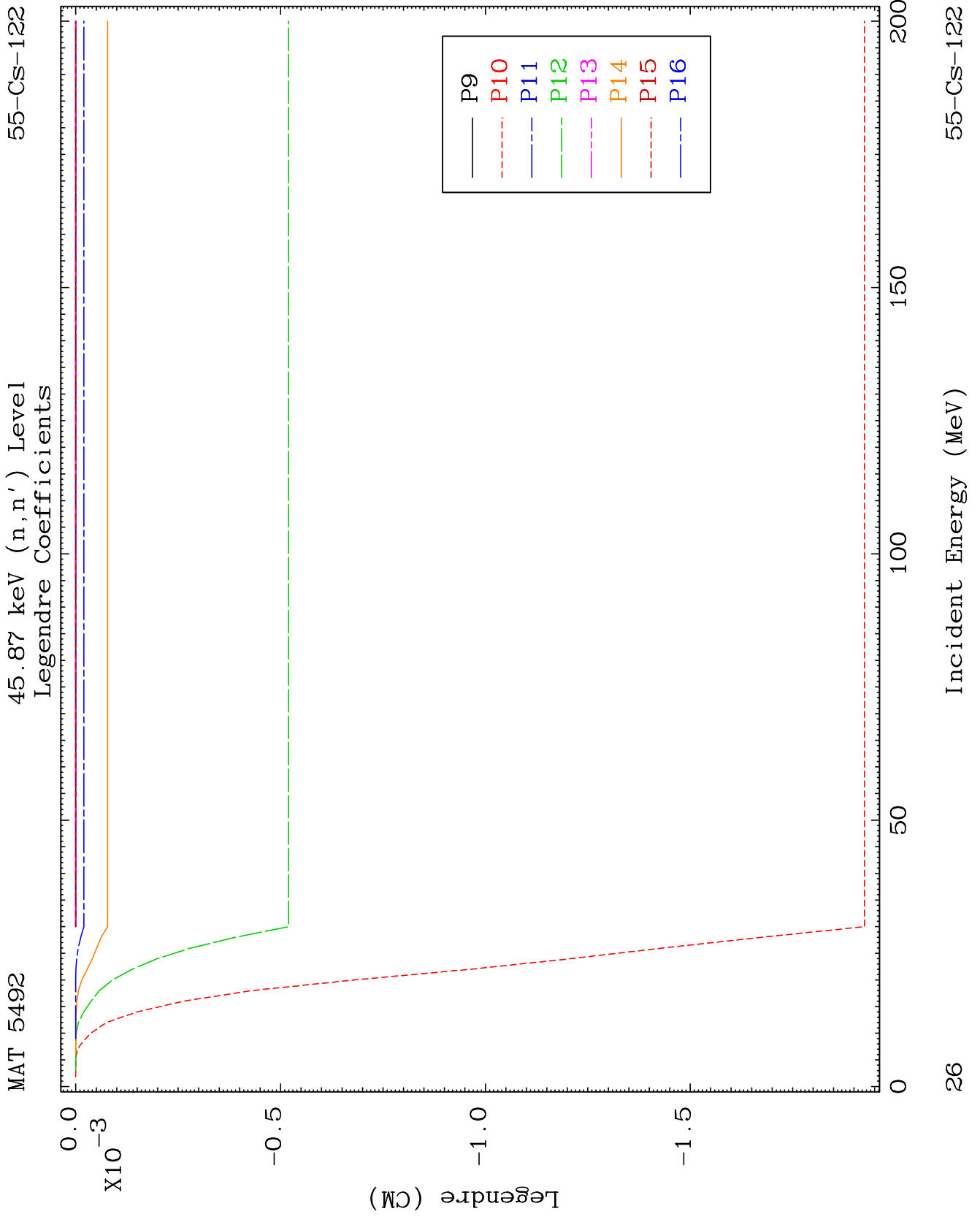


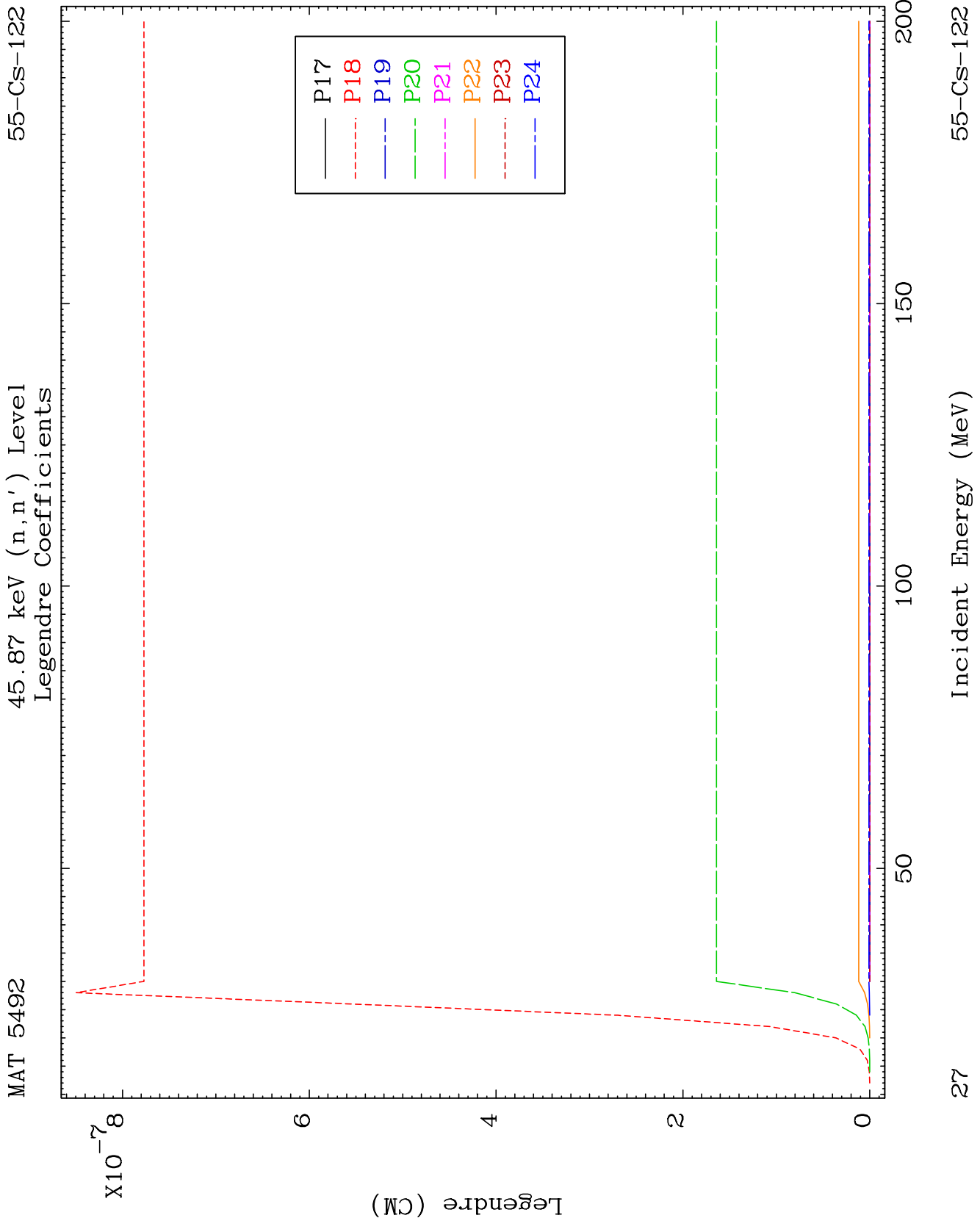
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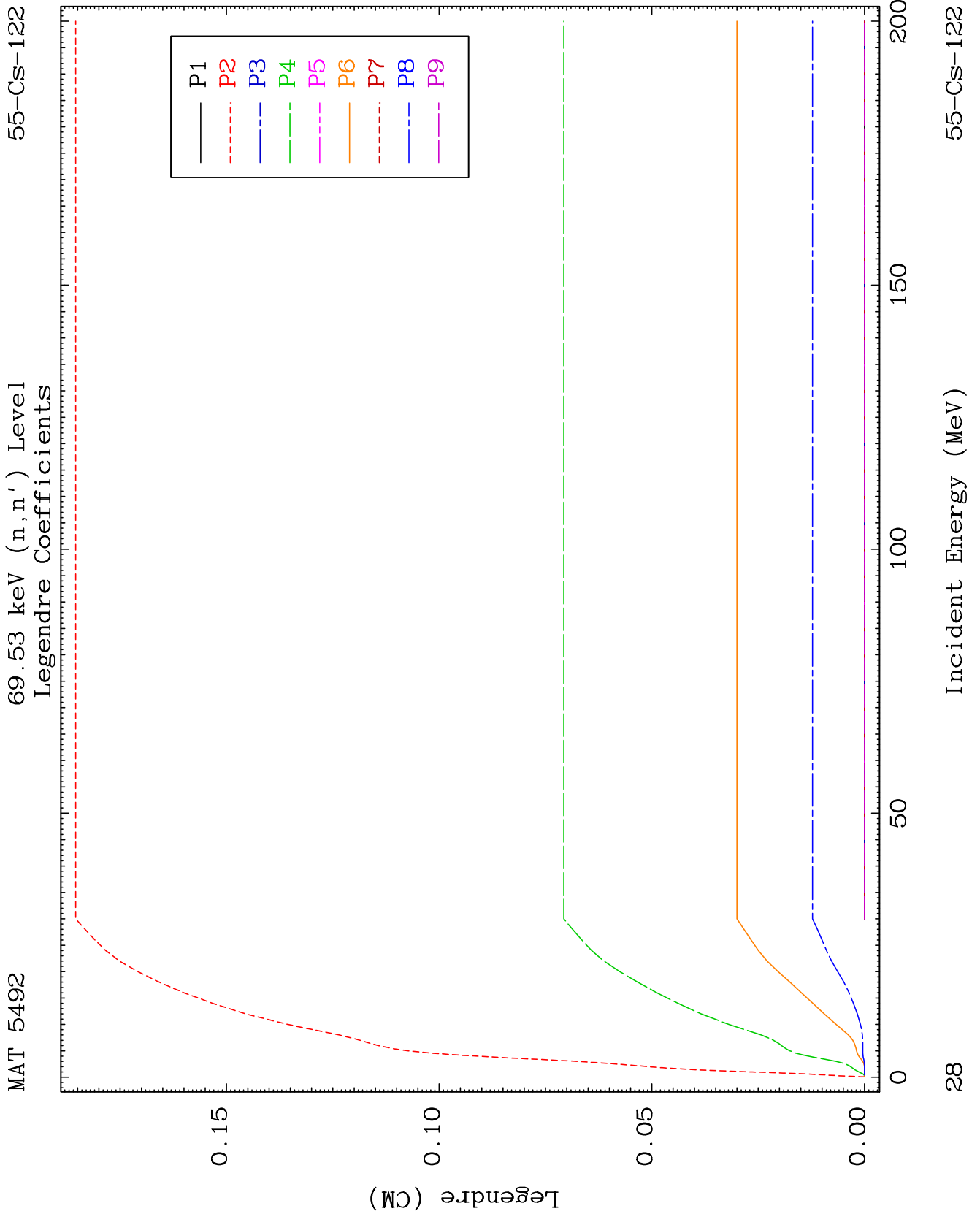
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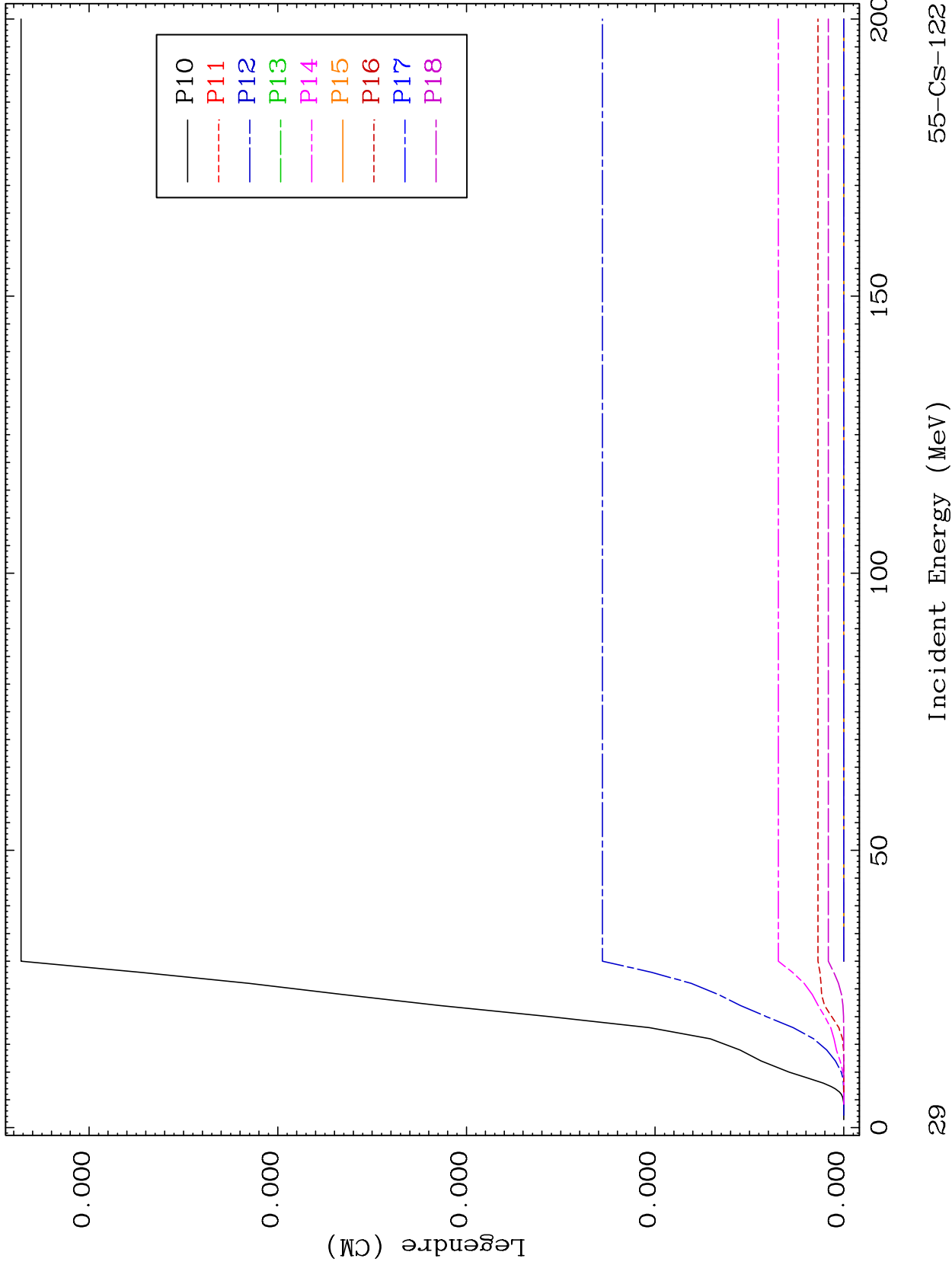




MAT 5492

69.53 keV (n,n') Level
Legendre Coefficients

55-Cs-122



29

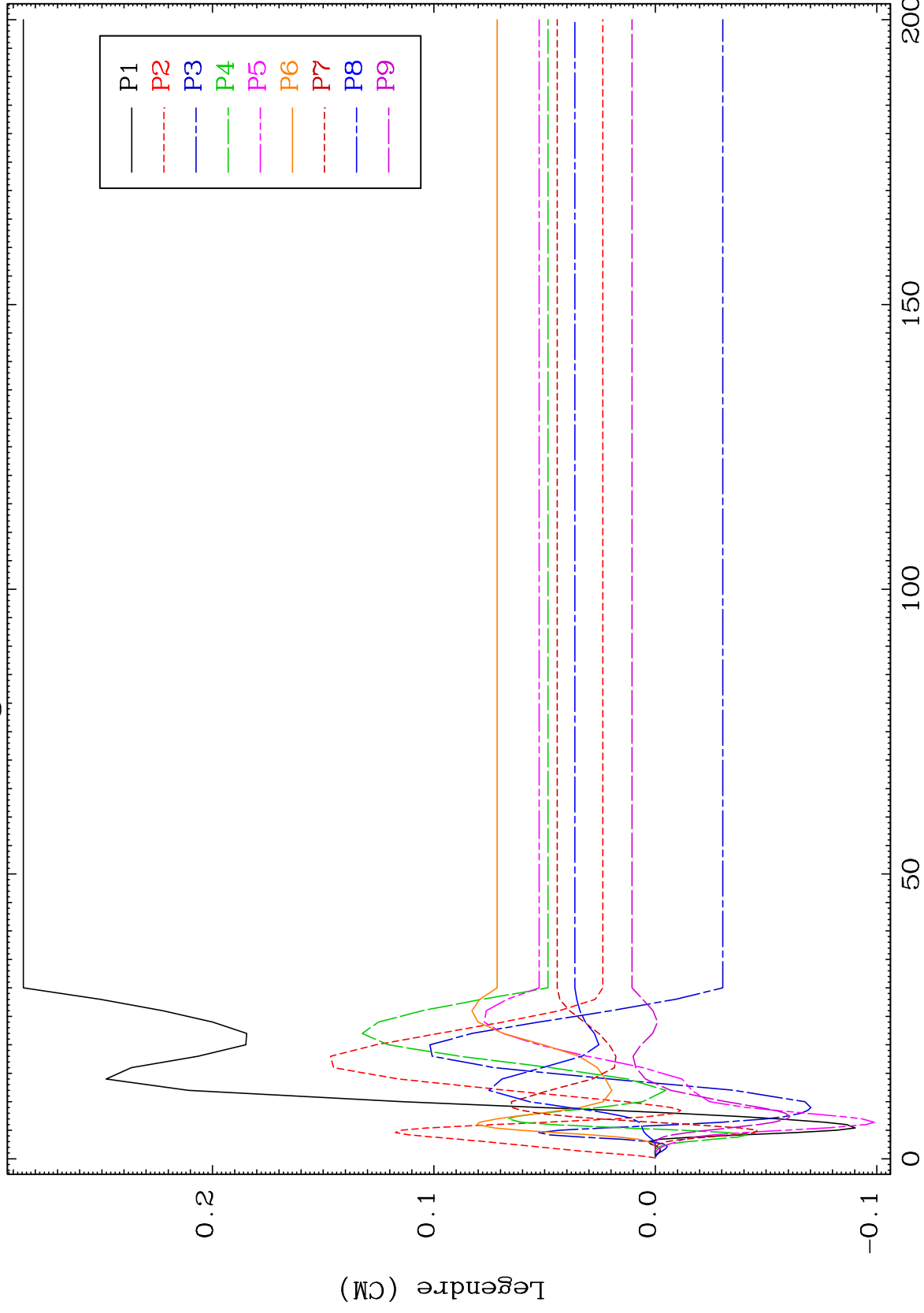
Incident Energy (MeV)

55-Cs-122

MAT 5492

116.9 keV (n,n') Level
Legendre Coefficients

55-Cs-122



31

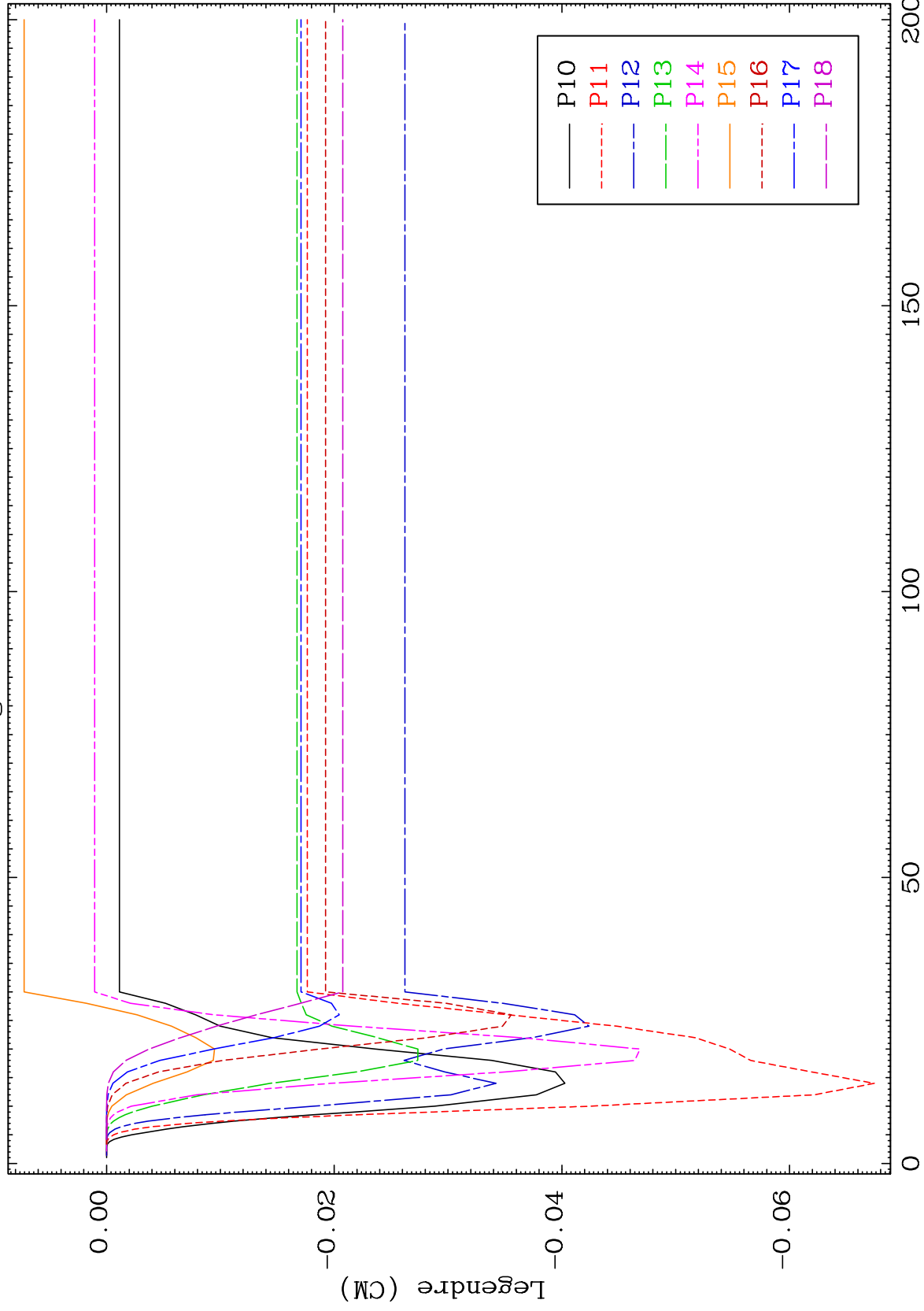
Incident Energy (MeV)

55-Cs-122

MAT 5492

116.9 keV (n,n') Level
Legendre Coefficients

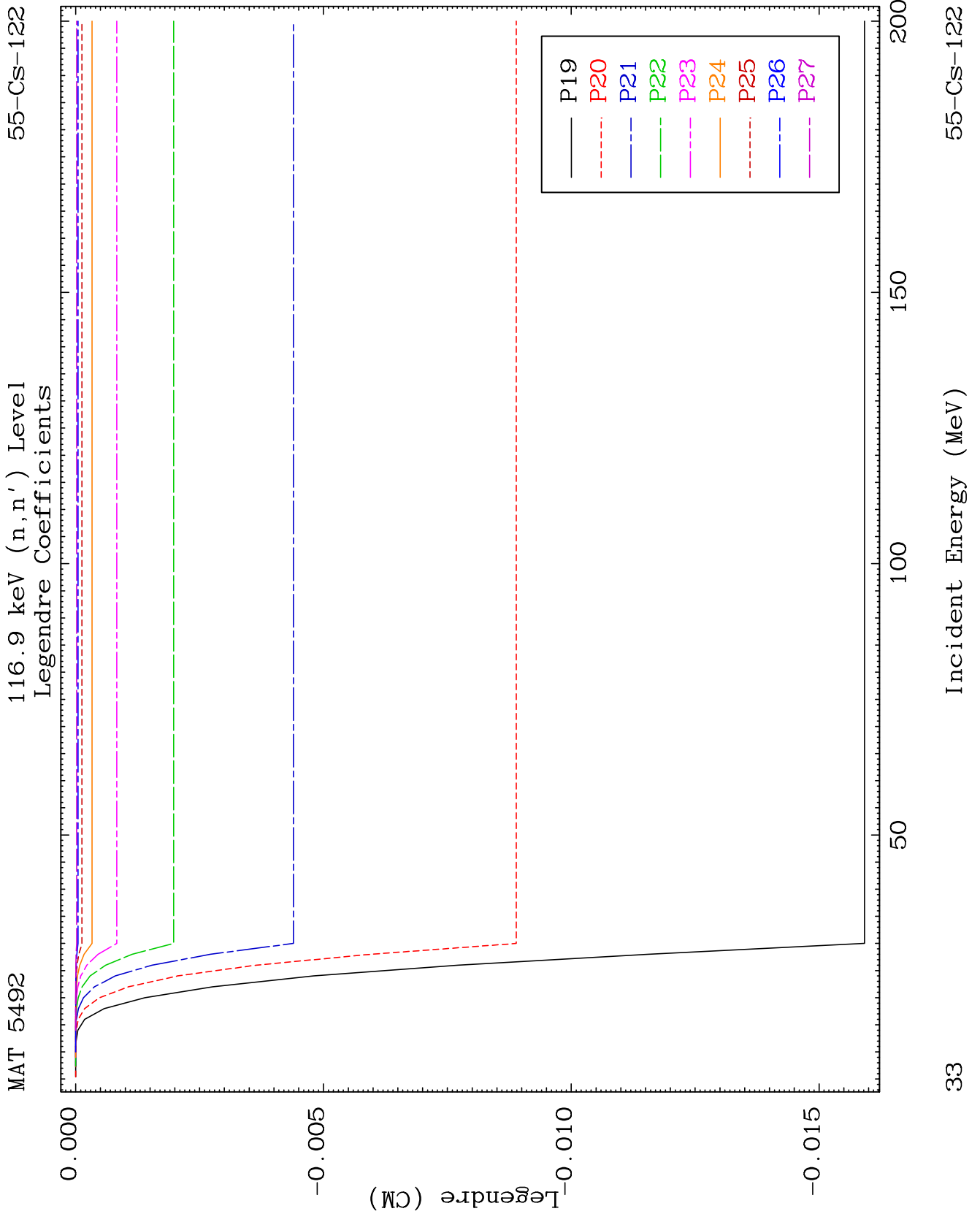
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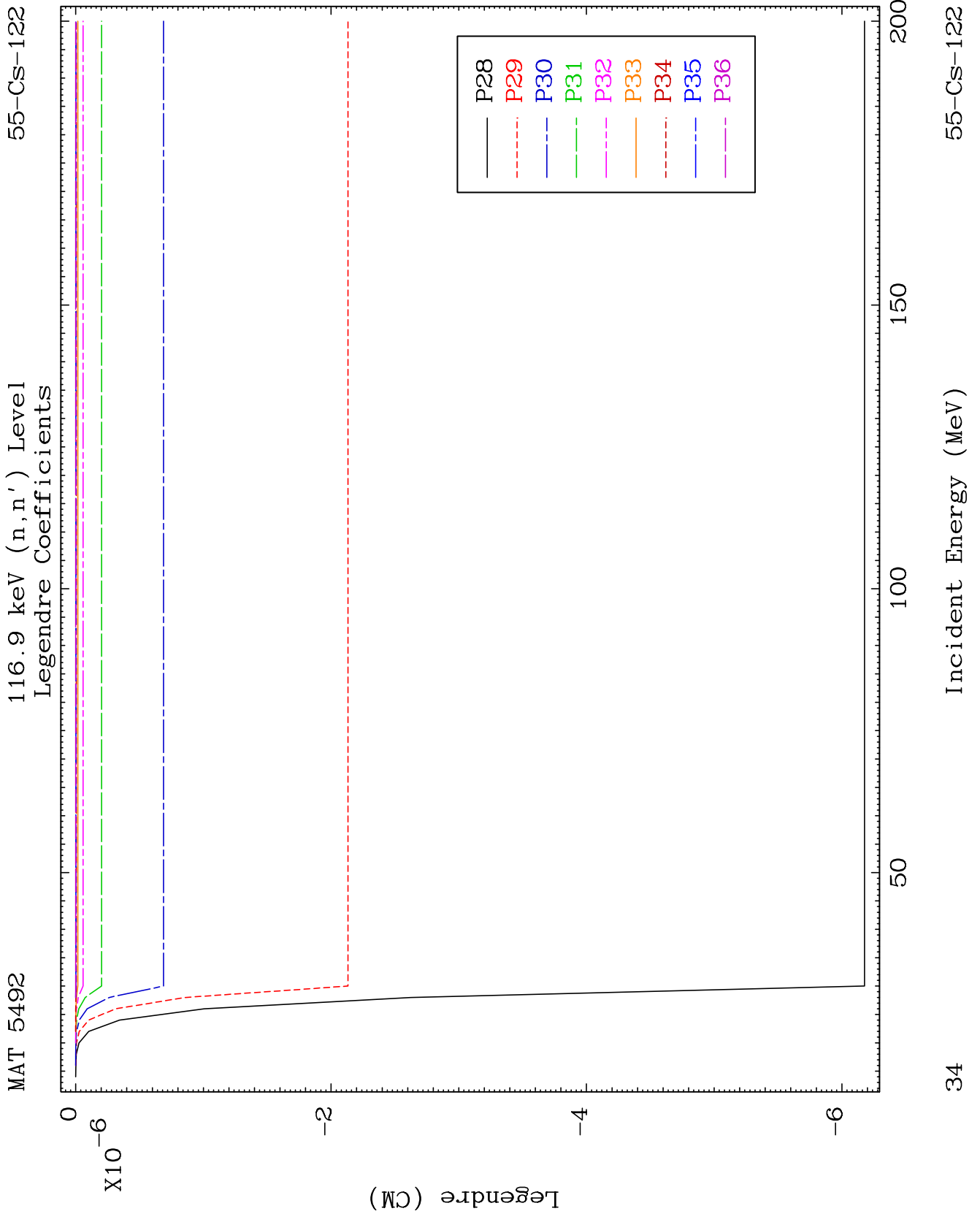


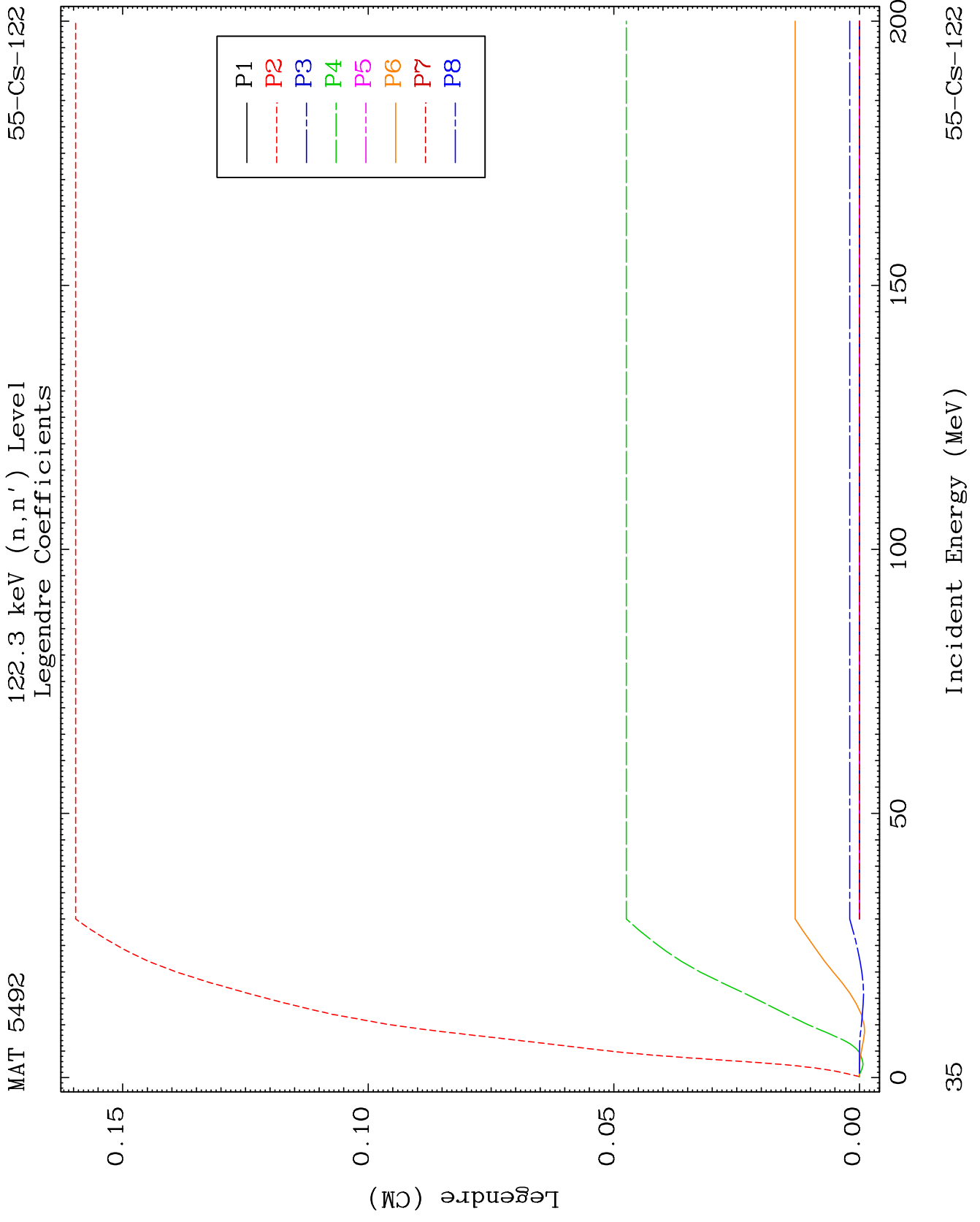
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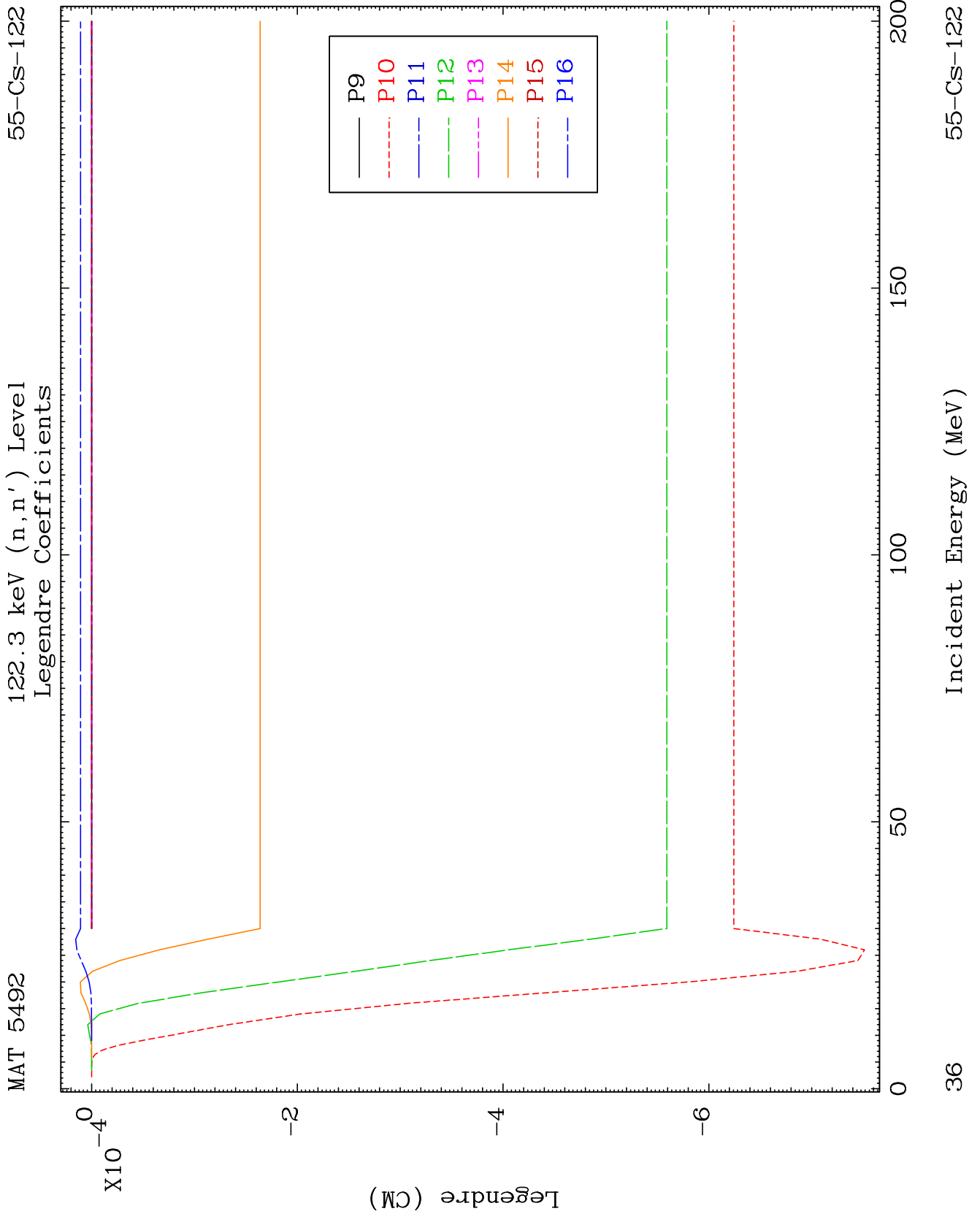
Incident Energy (MeV)

55-Cs-122





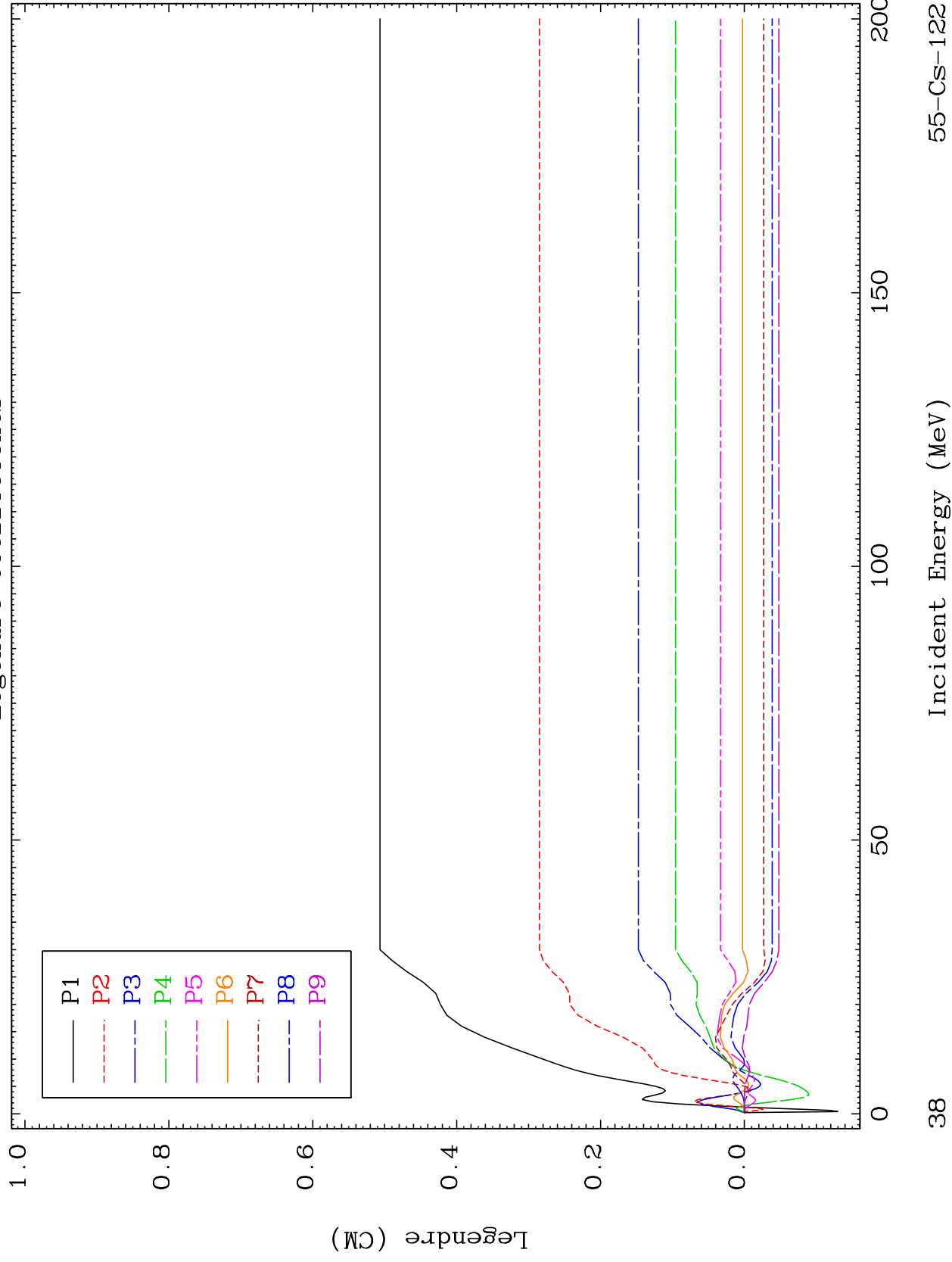




MAT 5492

124.9 keV (n,n') Level
Legendre Coefficients

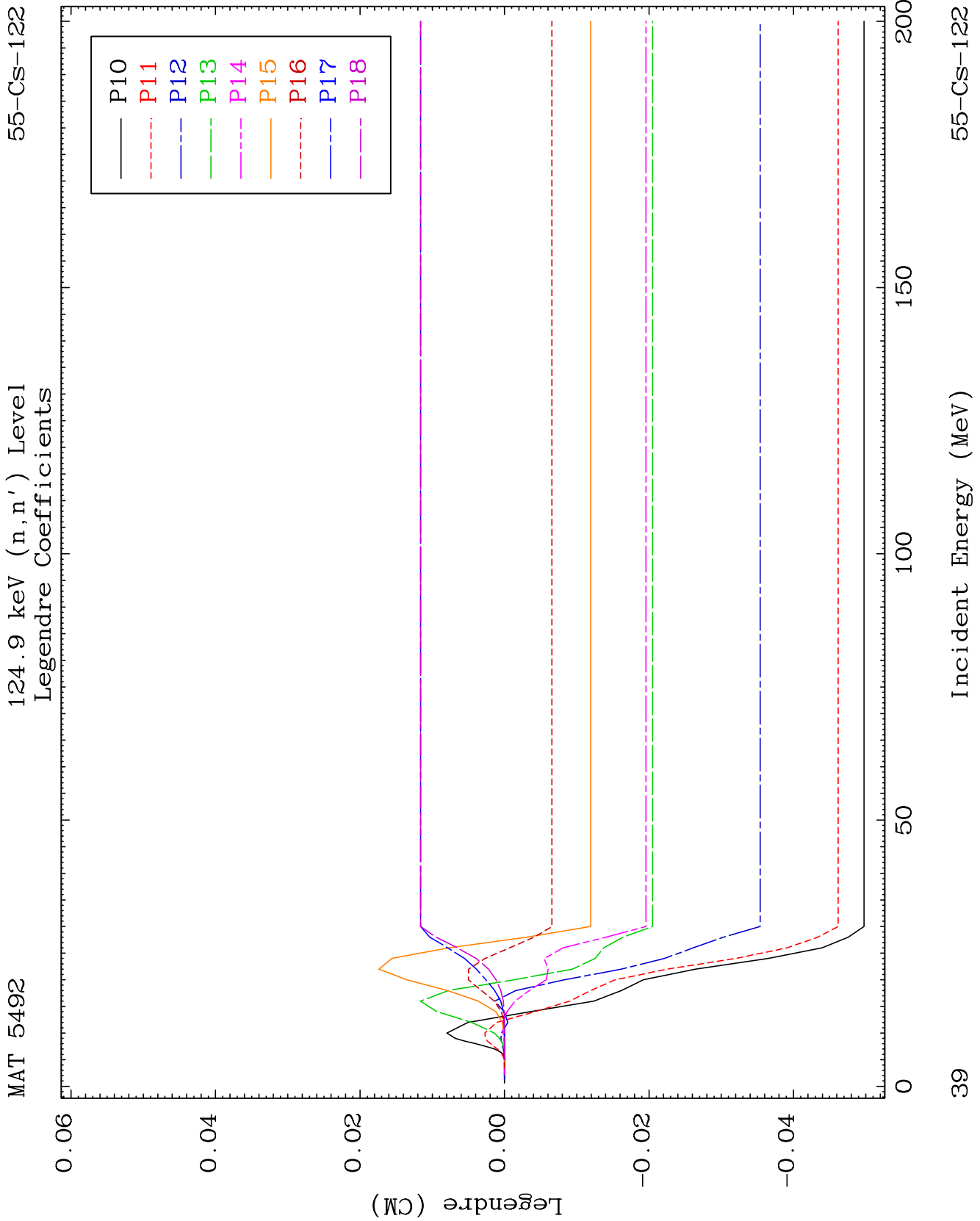
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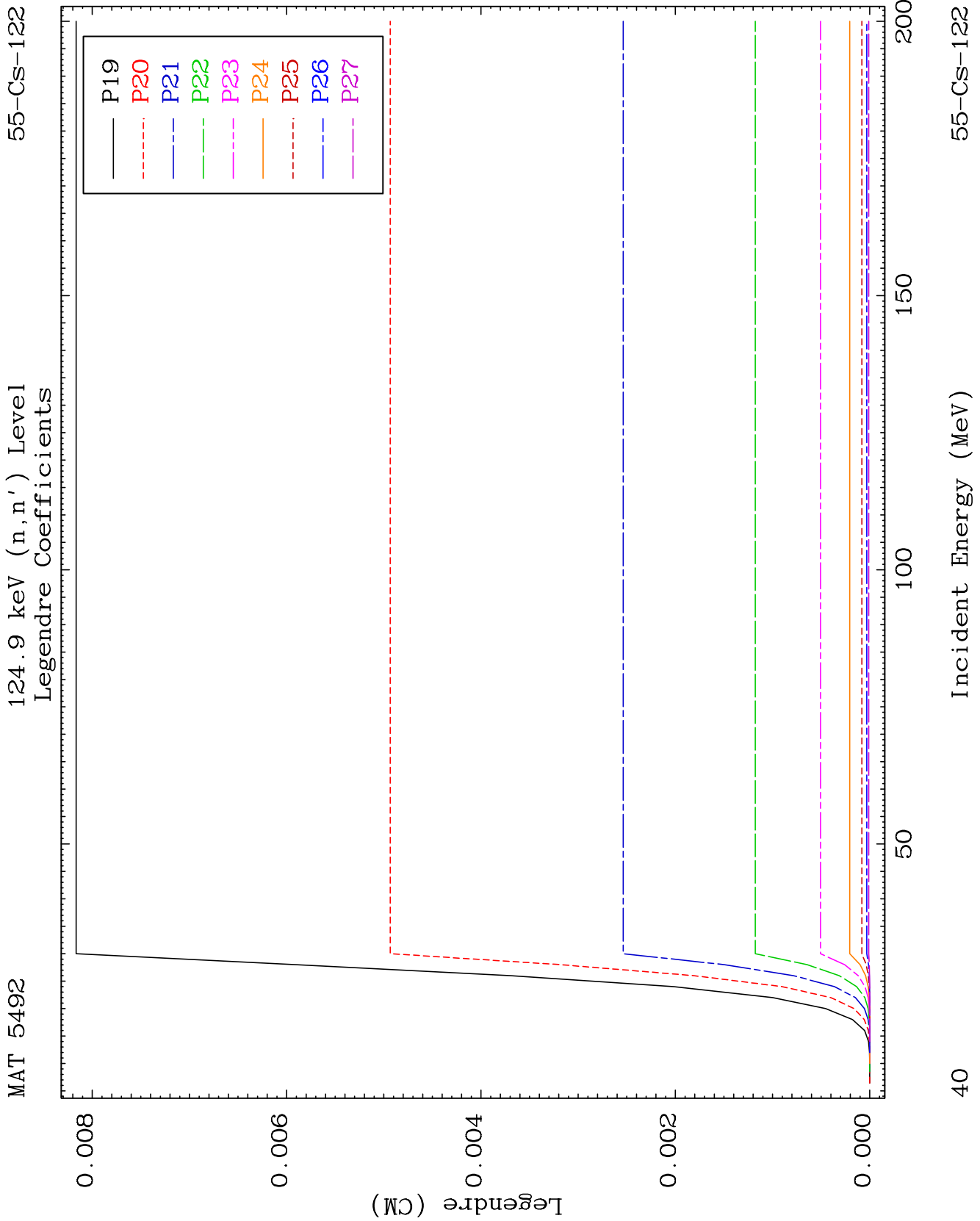


55-Cs-122

Incident Energy (MeV)

38

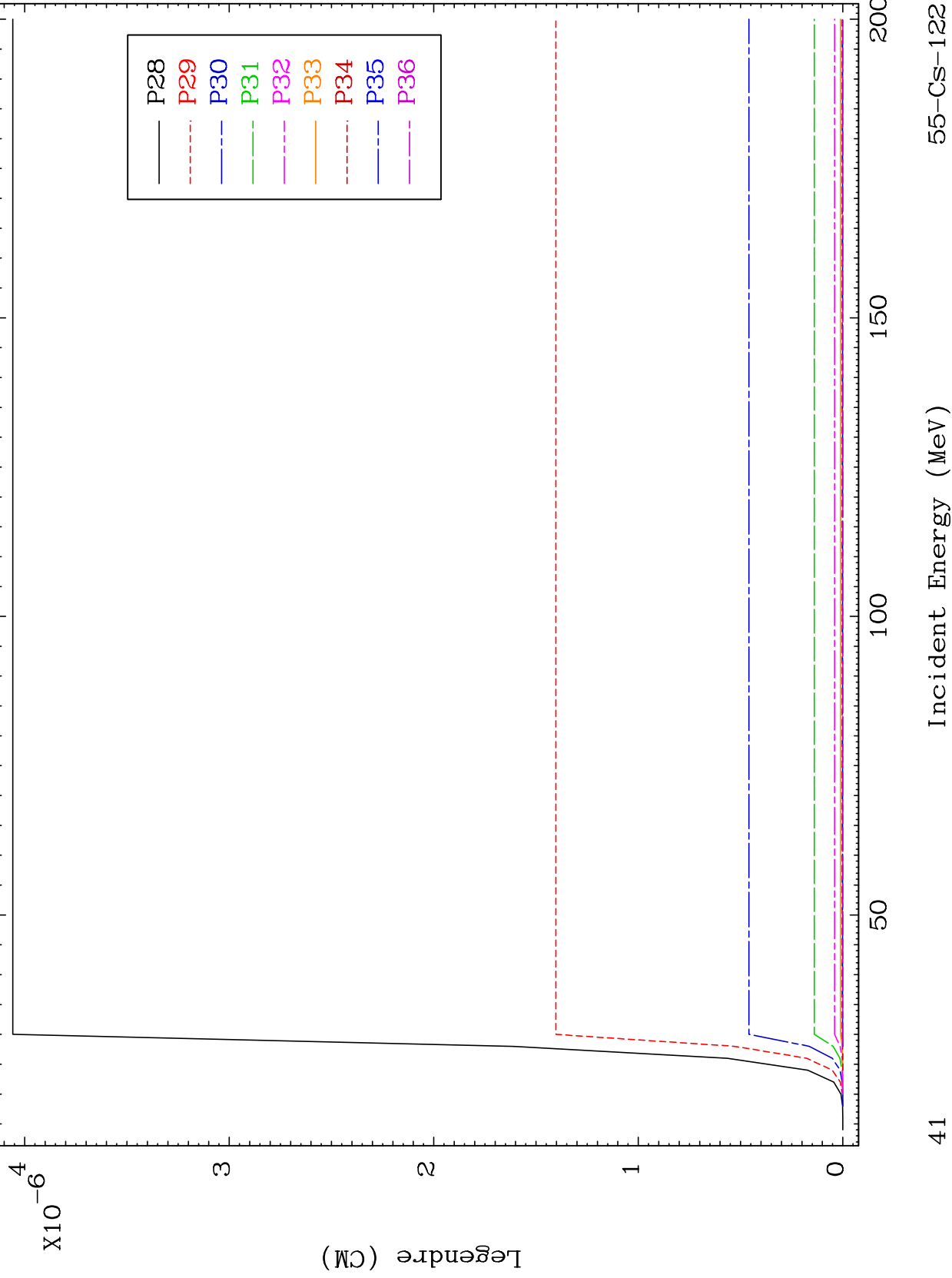




MAT 5492

124.9 keV (n, n') Level
Legendre Coefficients

55-Cs-122



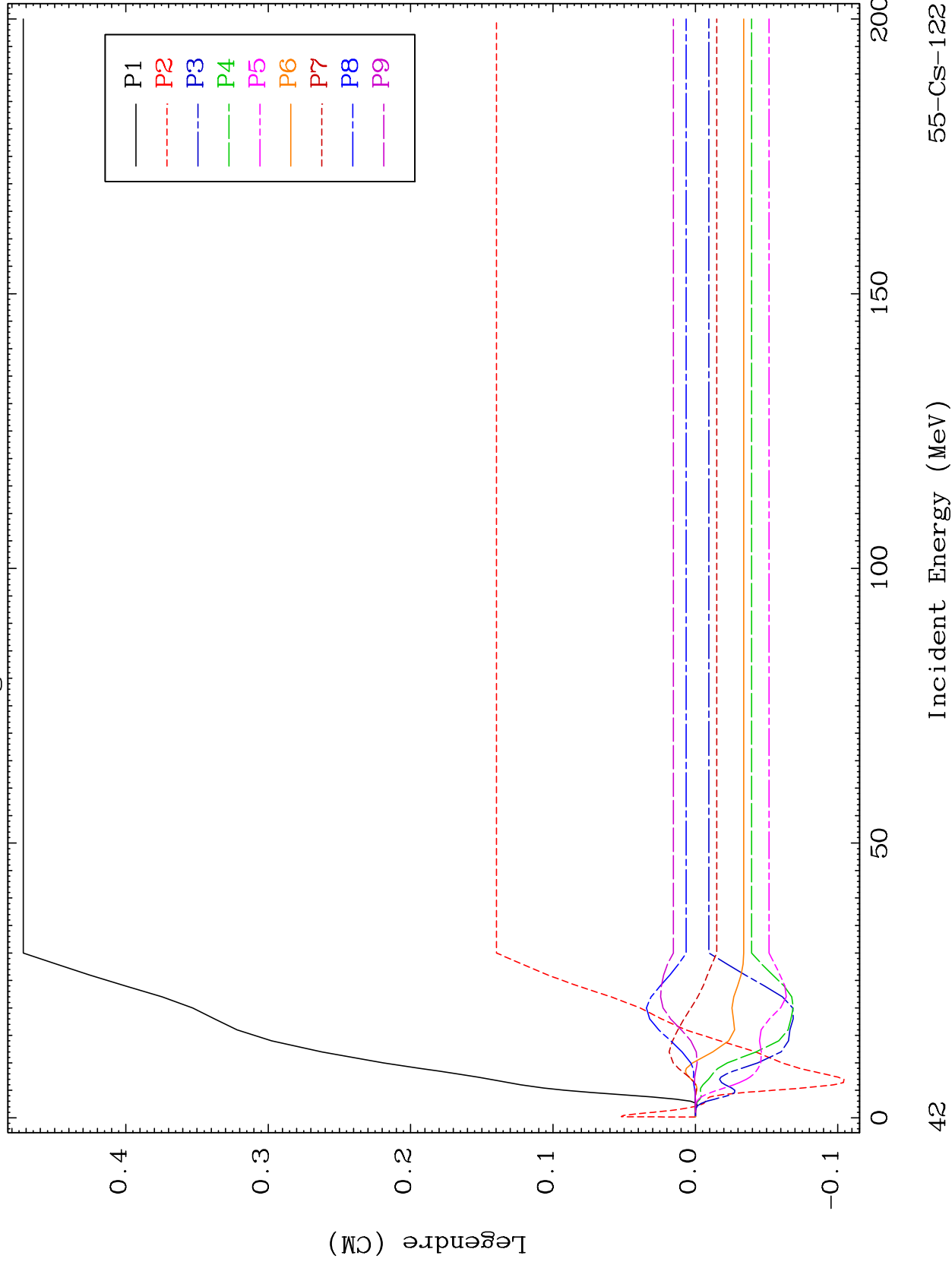
41

55-Cs-122

MAT 5492

127.1 keV (n,n') Level
Legendre Coefficients

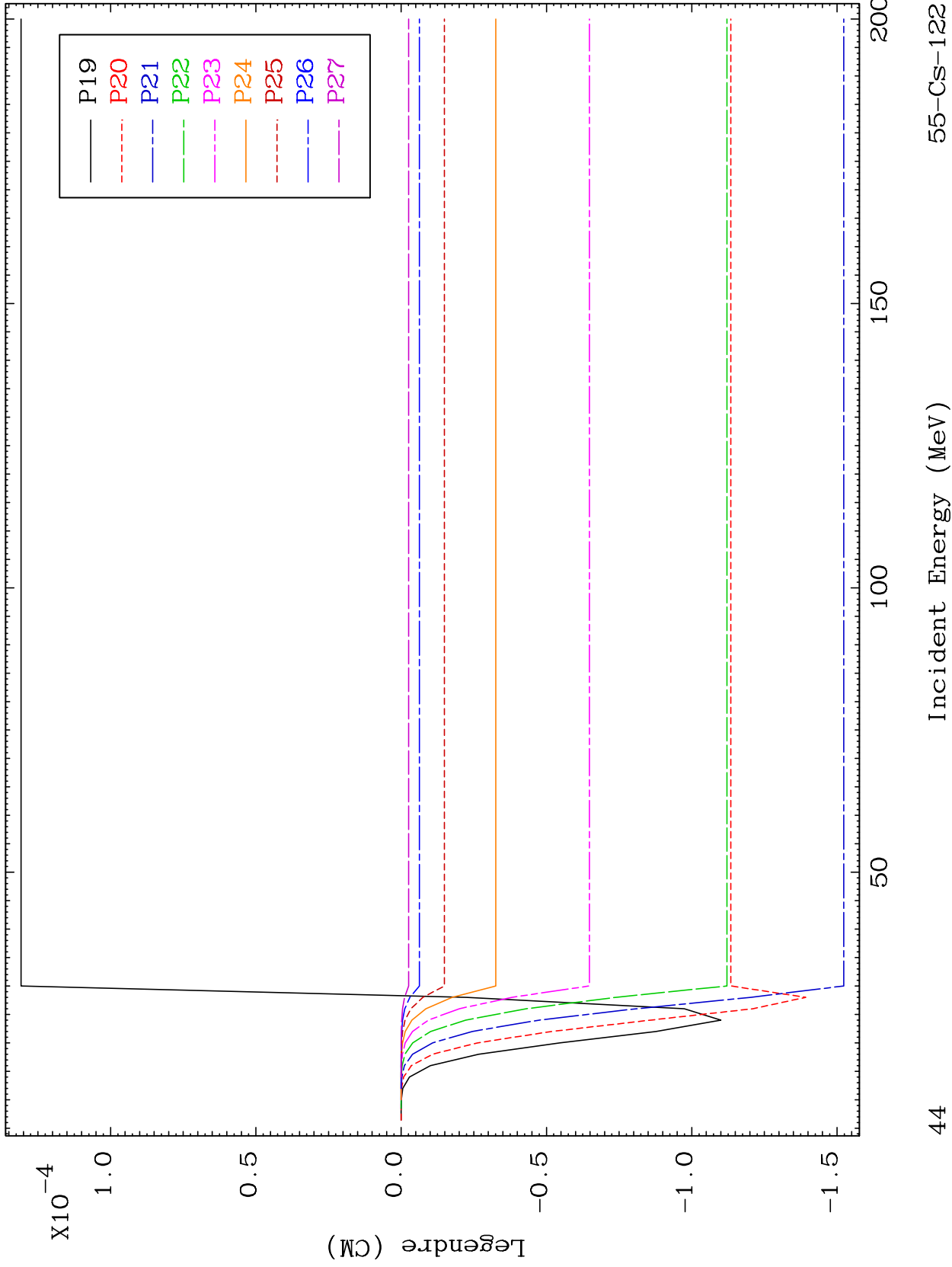
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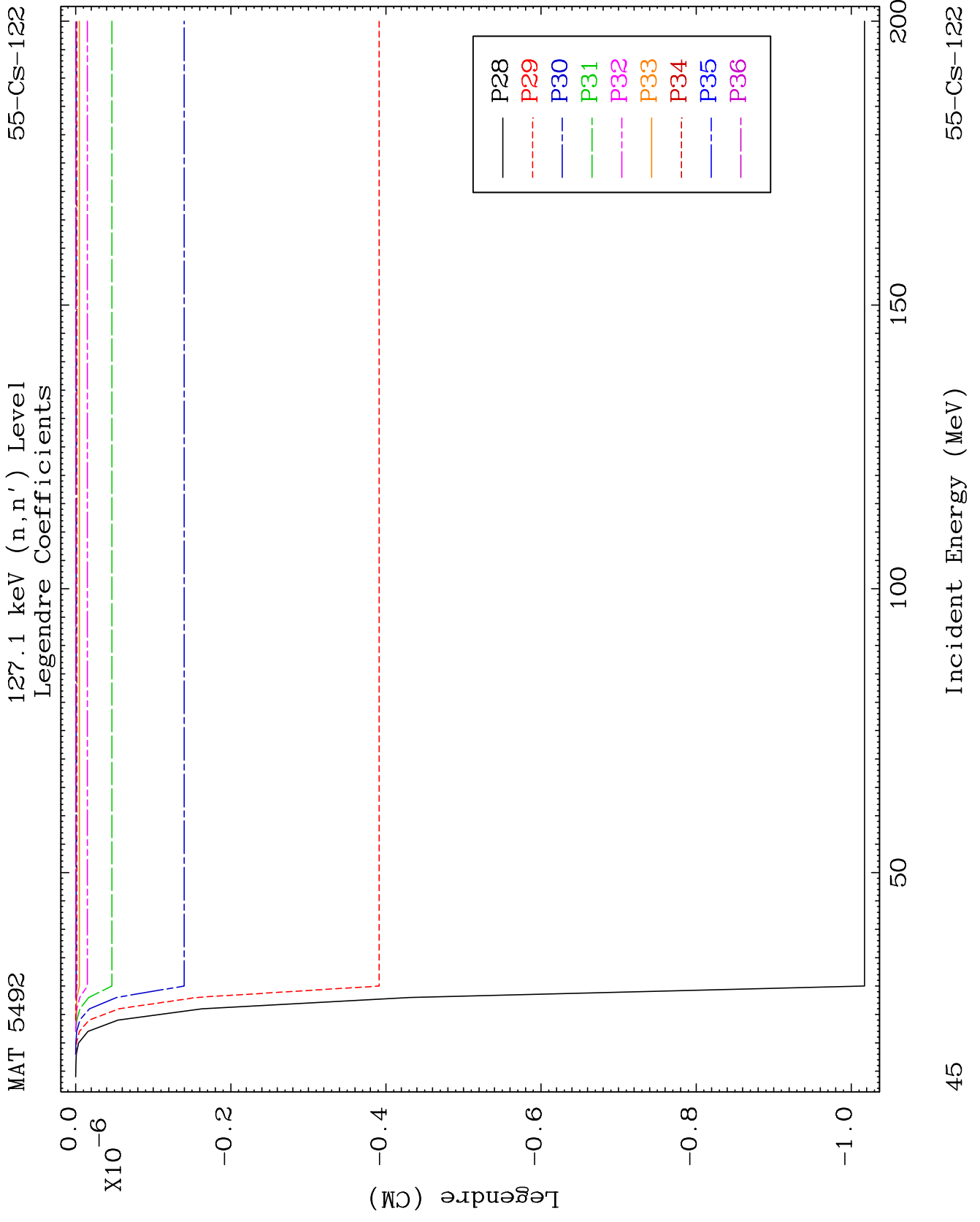


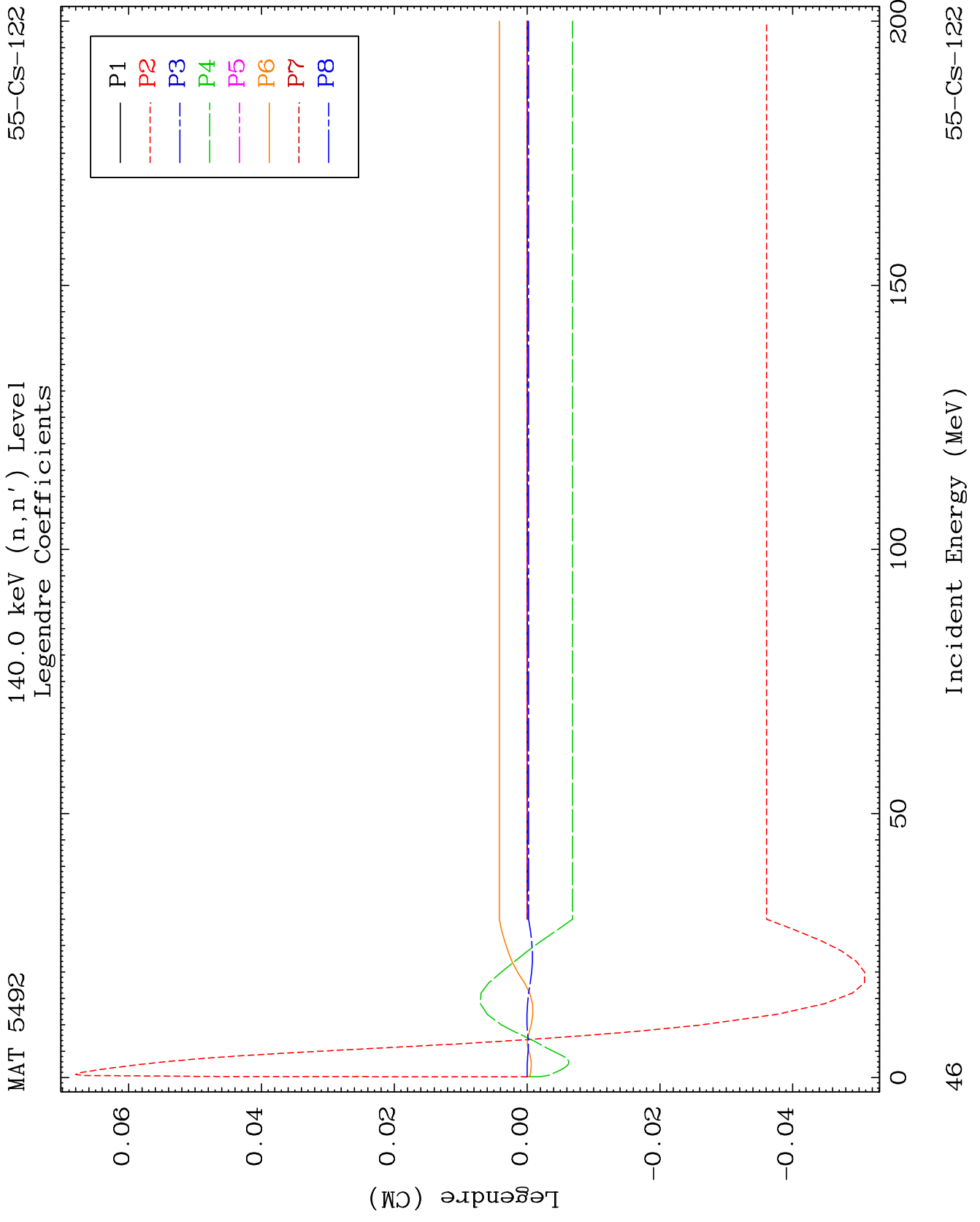
55-Cs-122

Incident Energy (MeV)

42



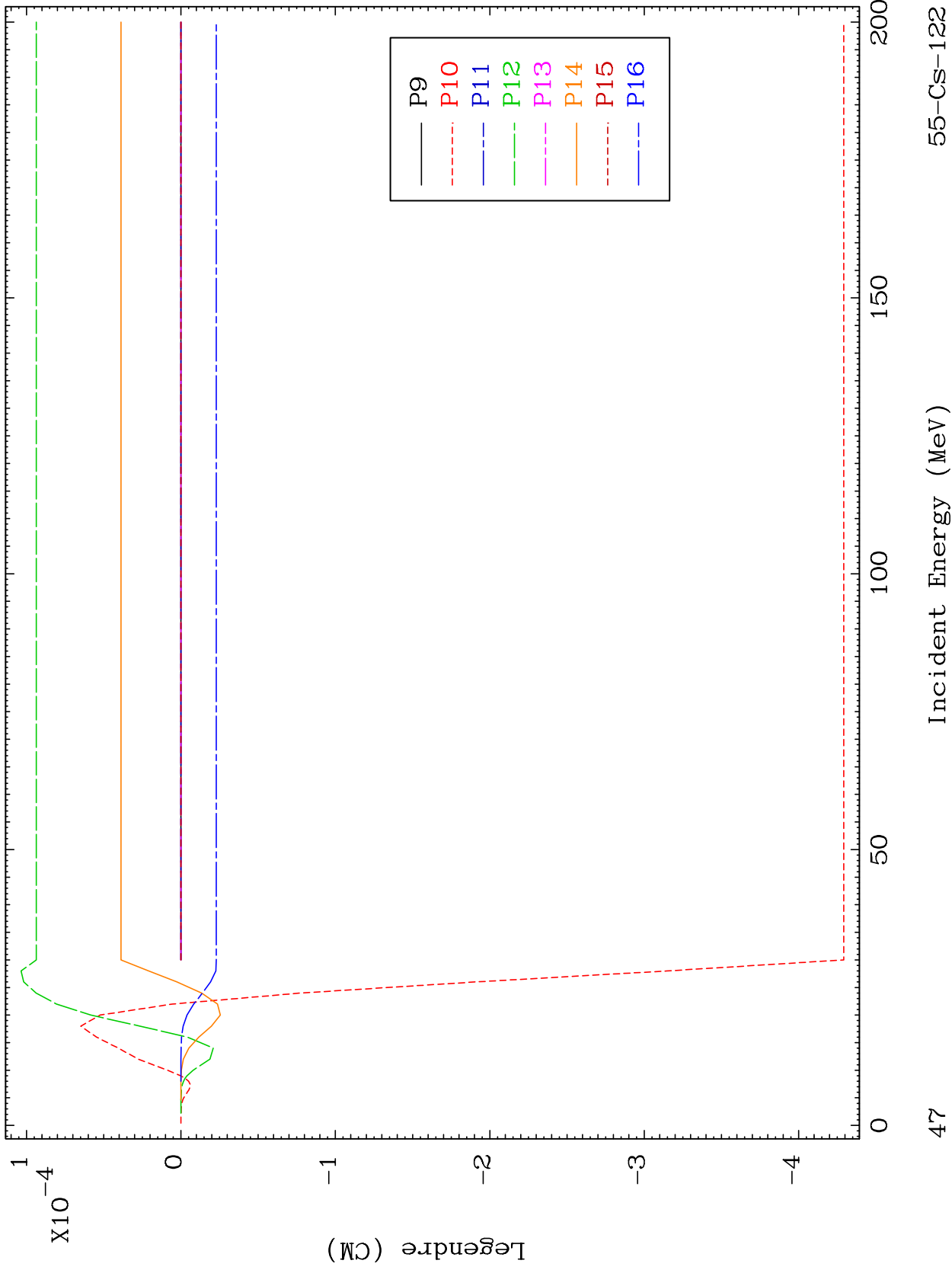




MAT 5492

140.0 keV (n,n') Level
Legendre Coefficients

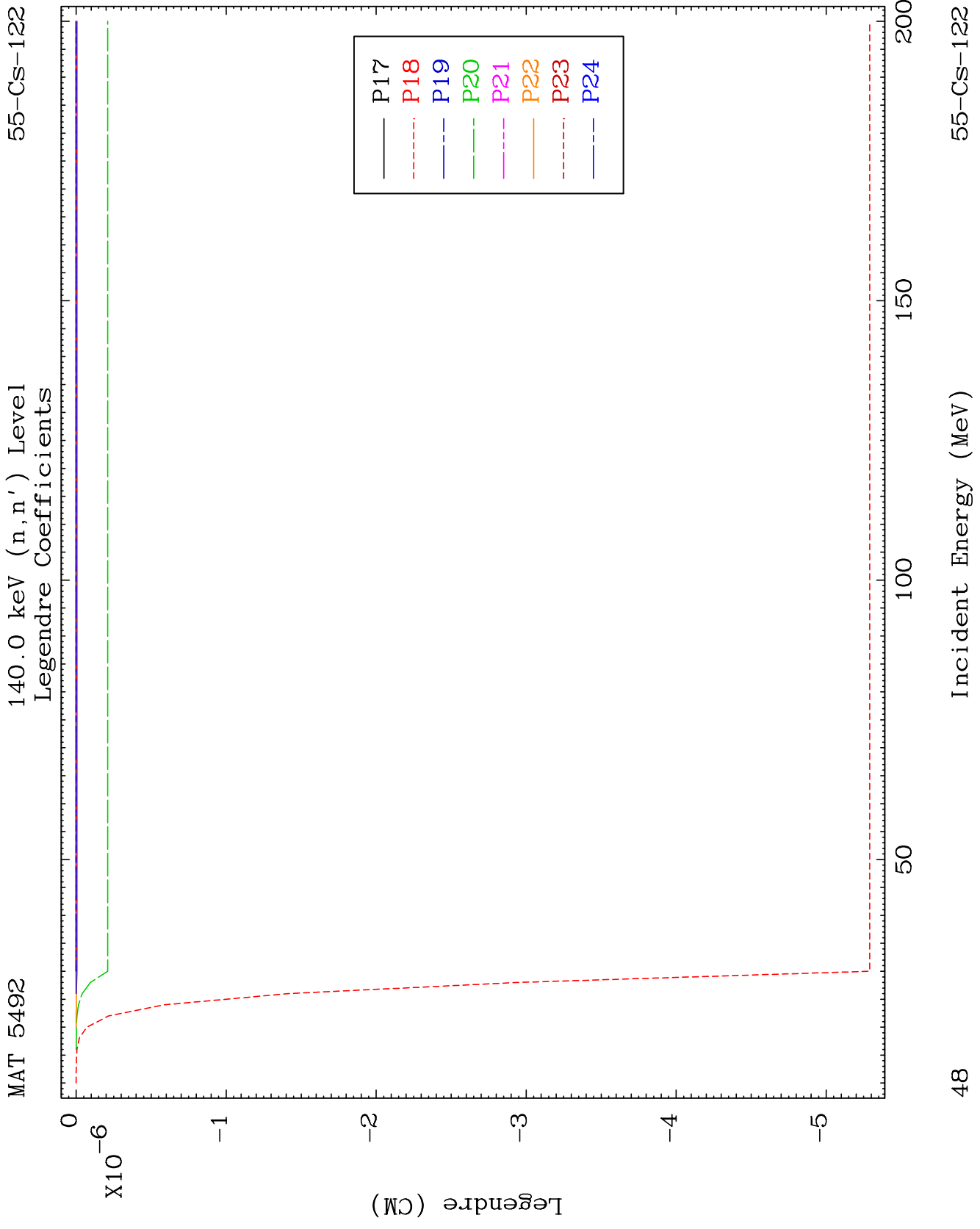
55-Cs-122



47

Incident Energy (MeV)

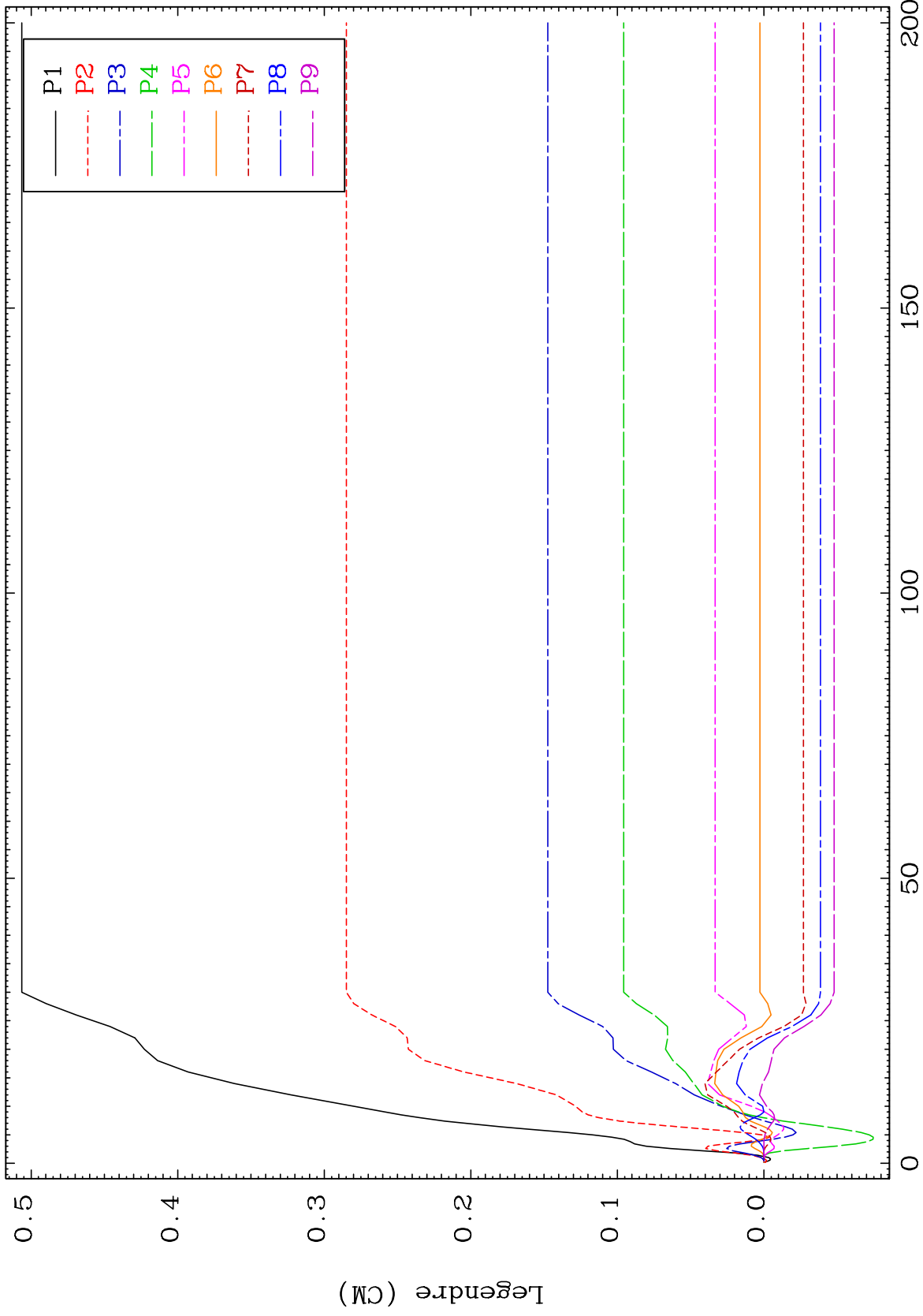
55-Cs-122



MAT 5492

142.4 keV (n,n') Level
Legendre Coefficients

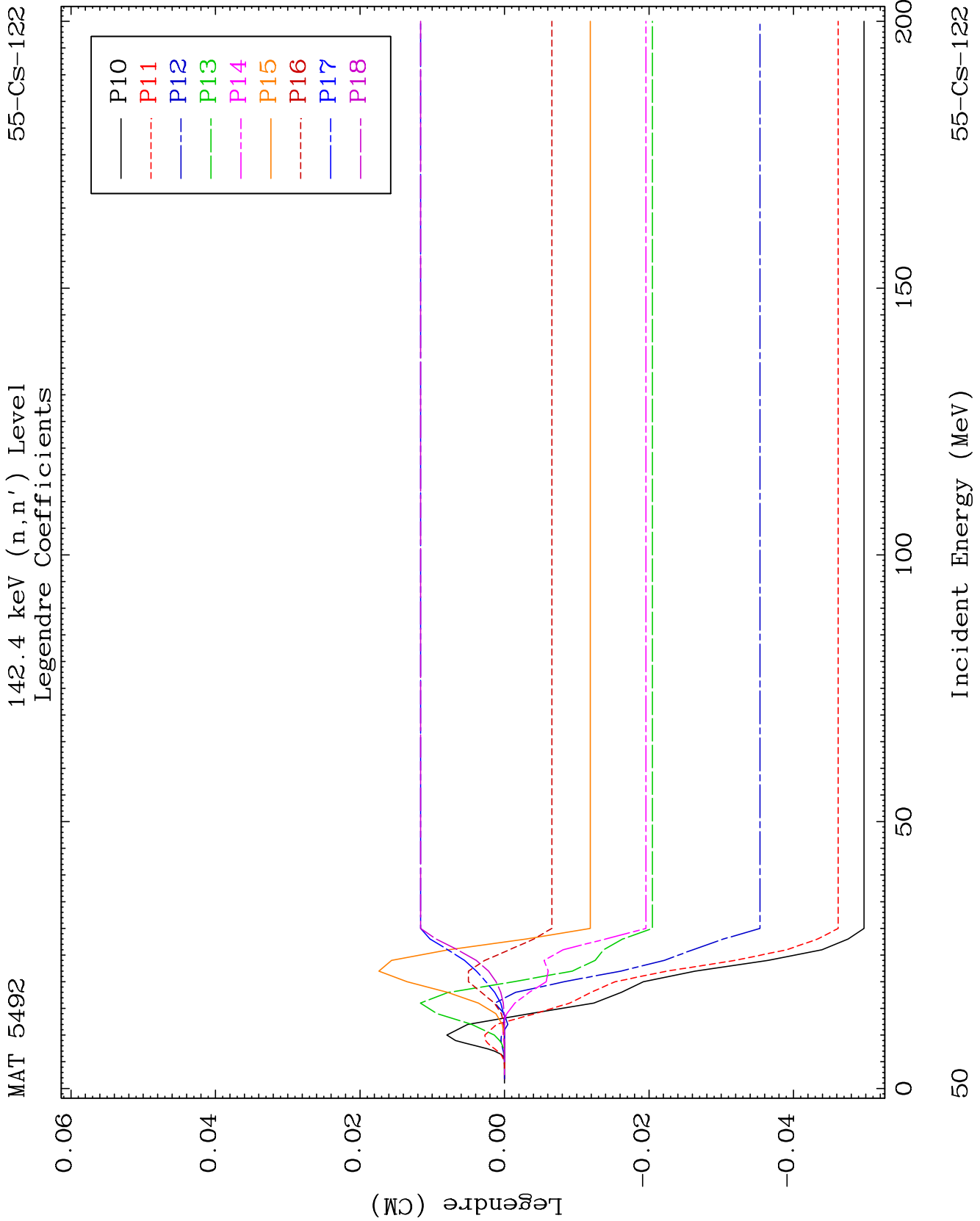
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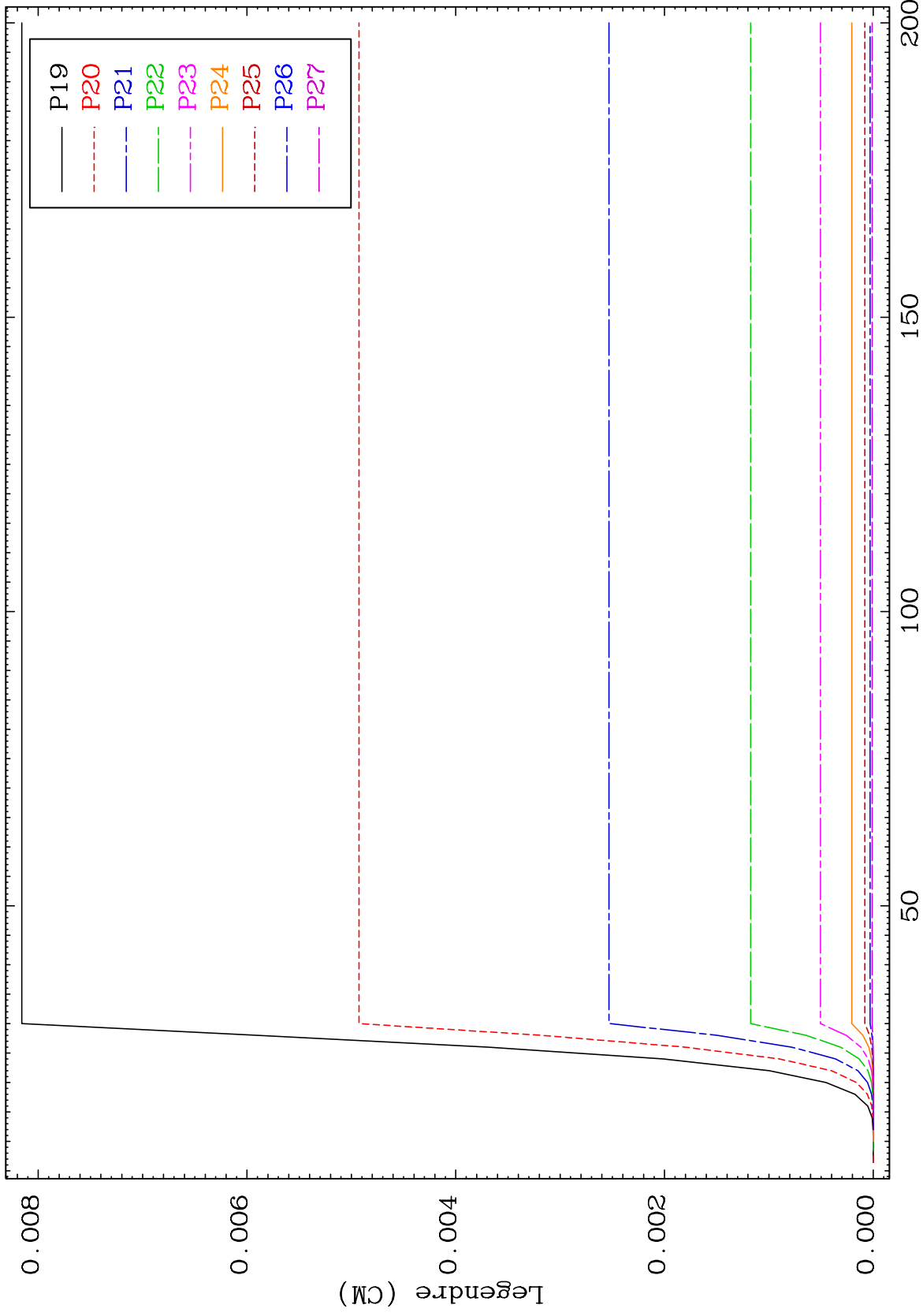


49

Incident Energy (MeV)

55-Cs-122

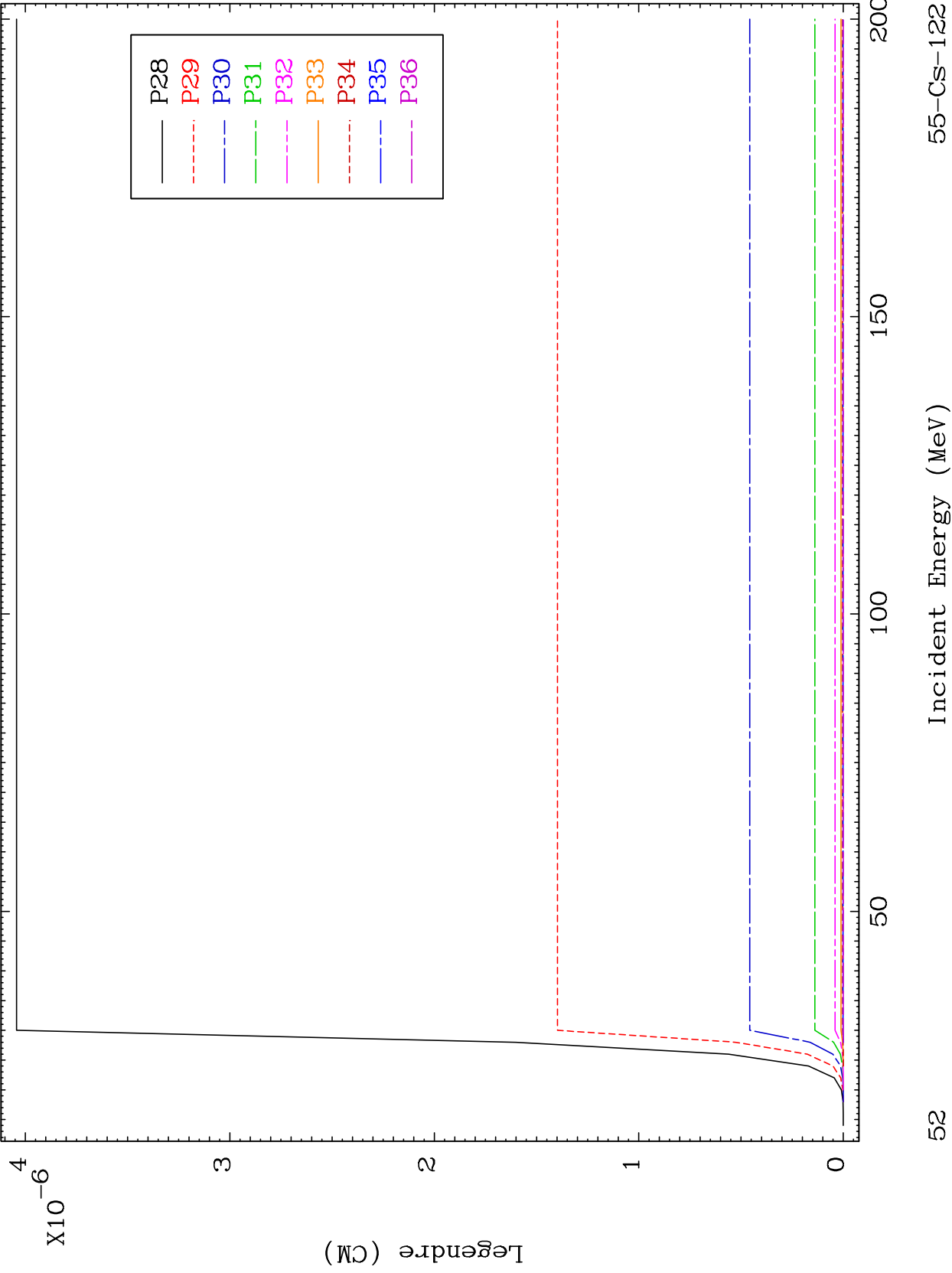




MAT 5492

142.4 keV (n, n') Level
Legendre Coefficients

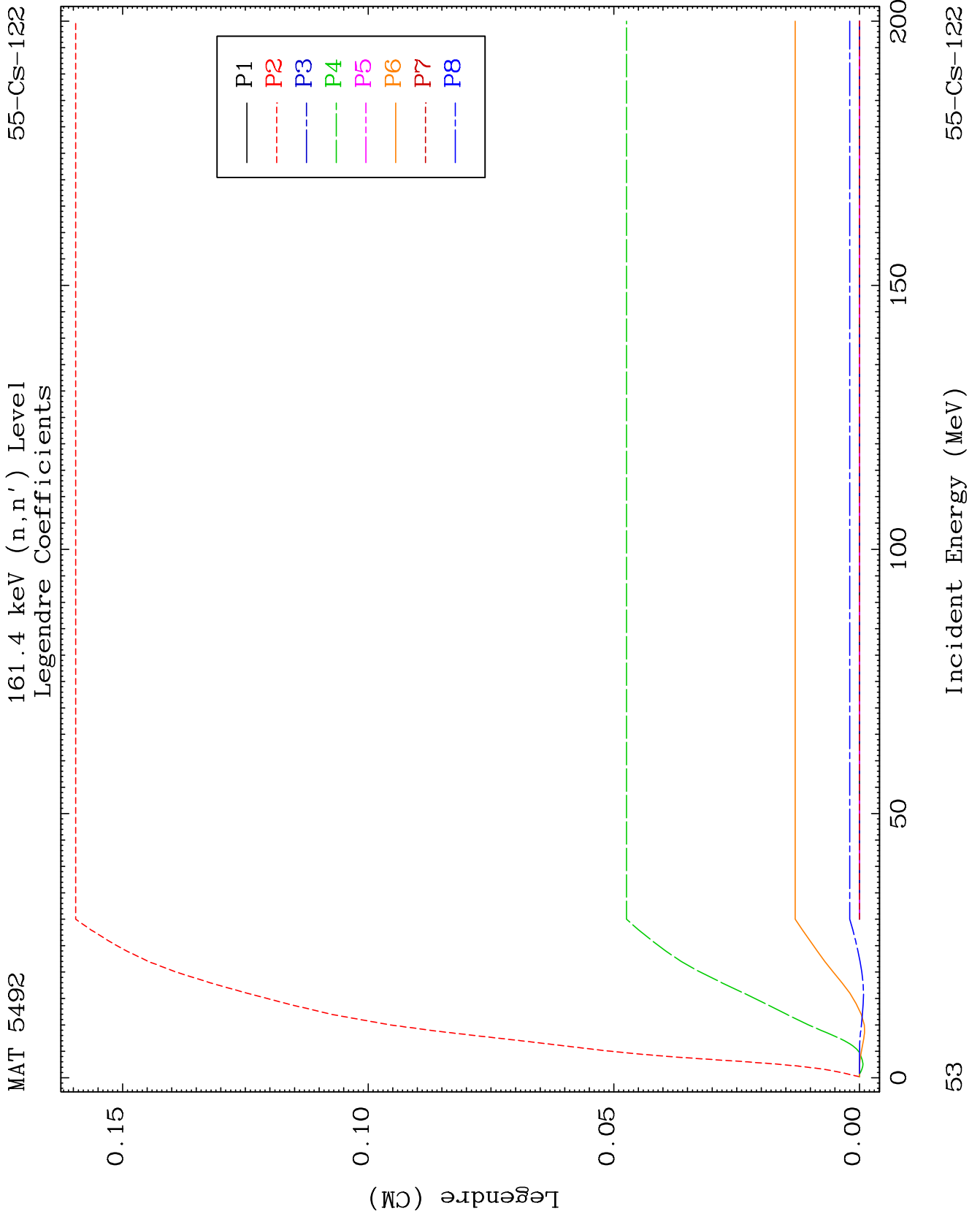
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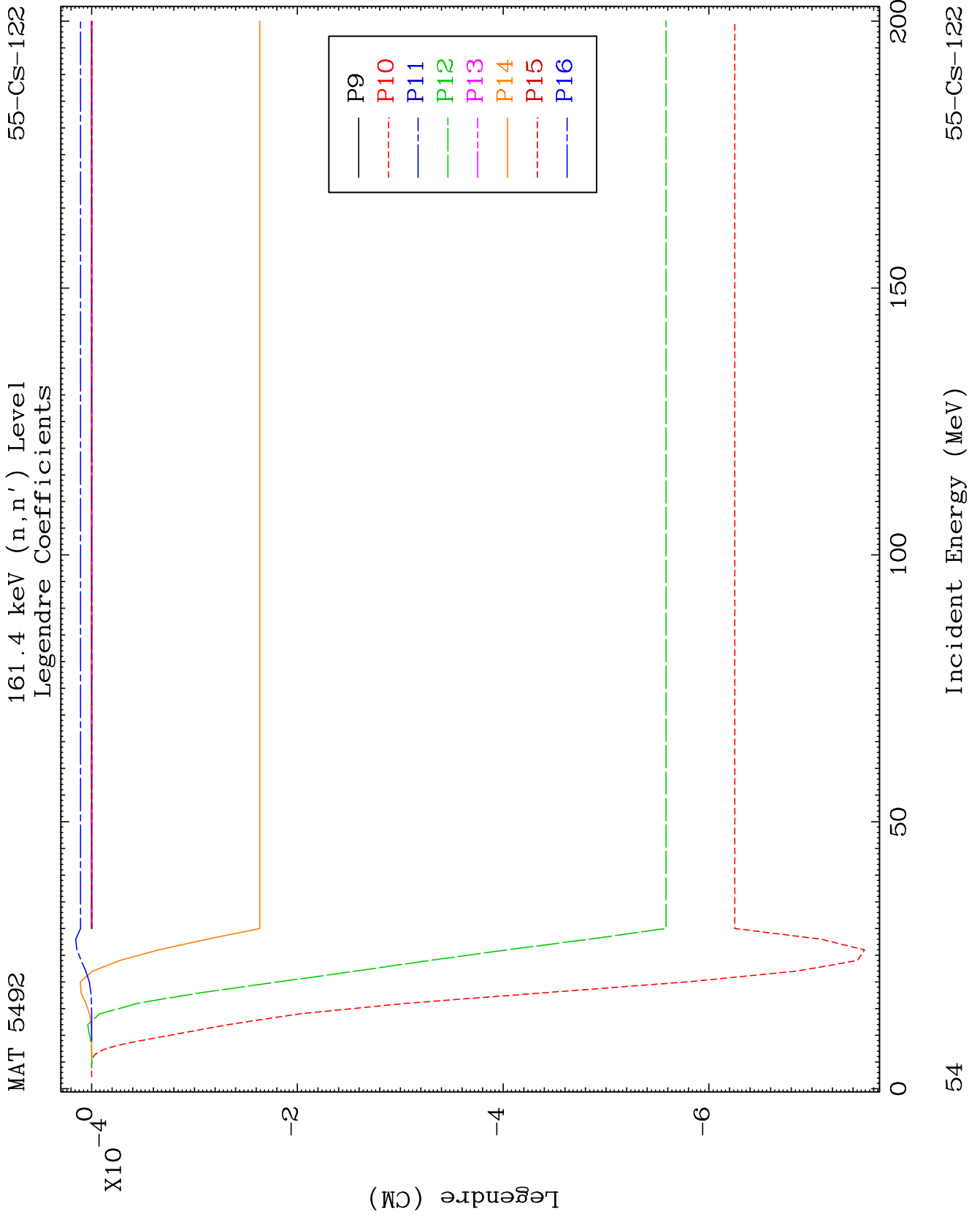


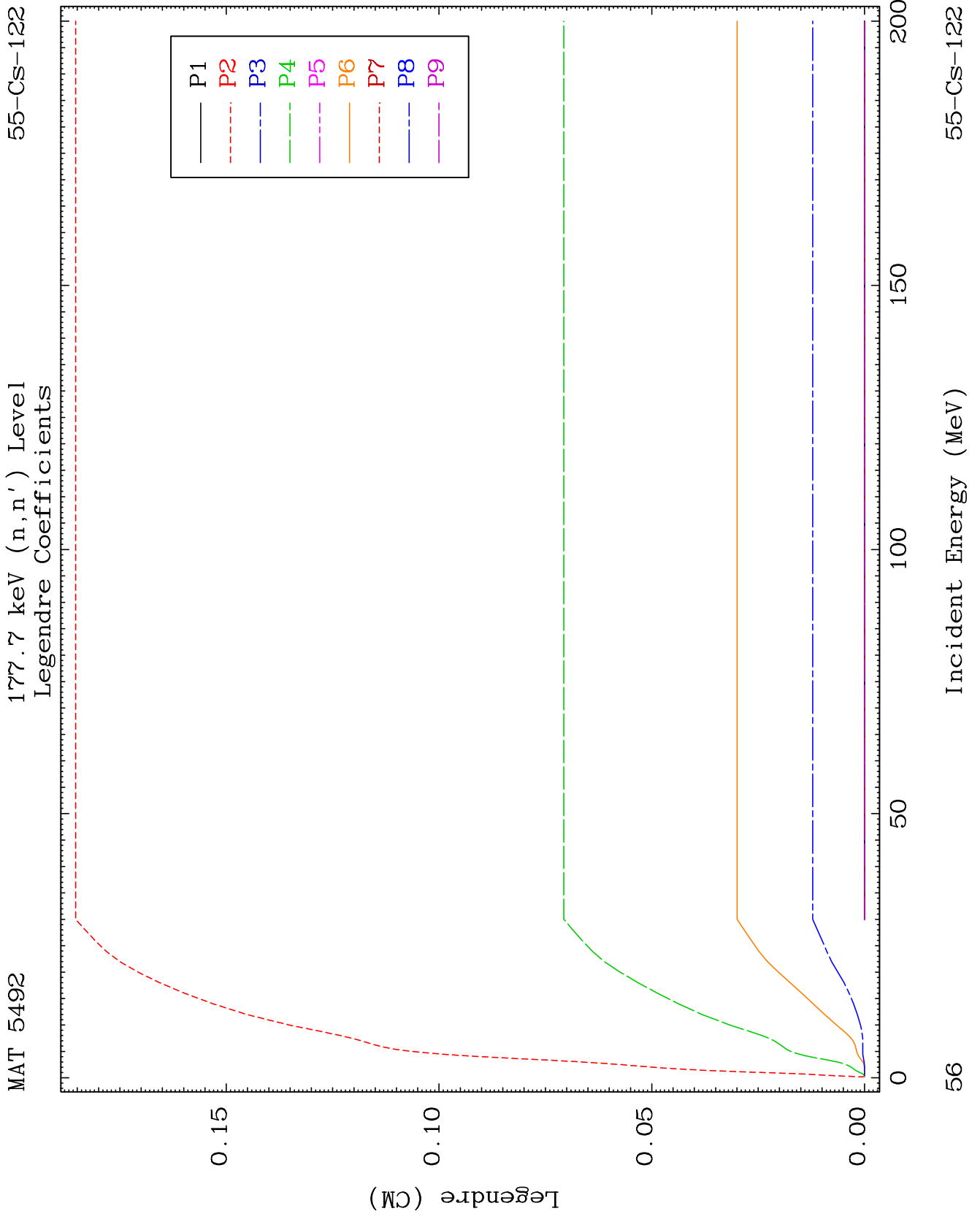
52

Incident Energy (MeV)

55-Cs-122



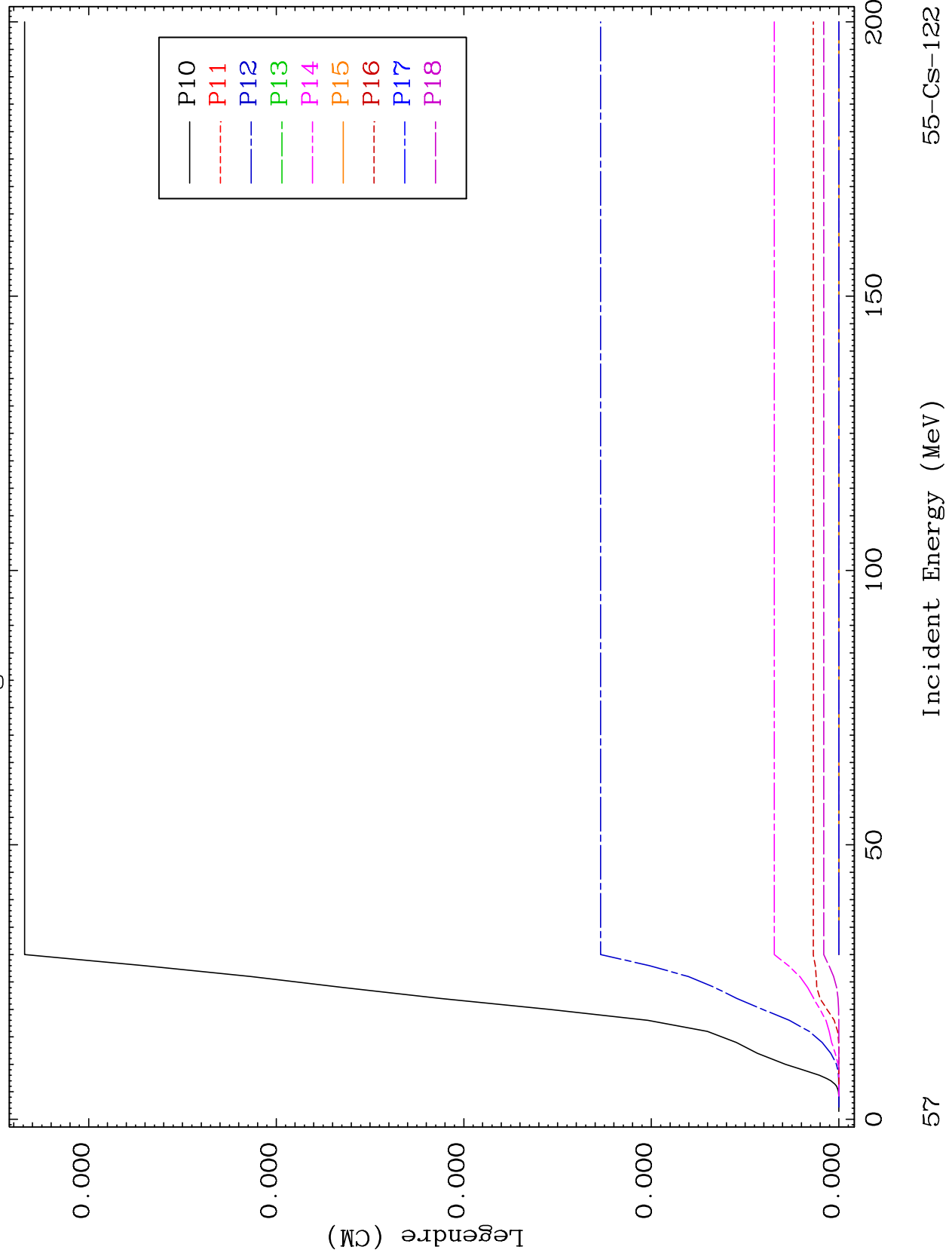




MAT 5492

177.7 keV (n,n') Level
Legendre Coefficients

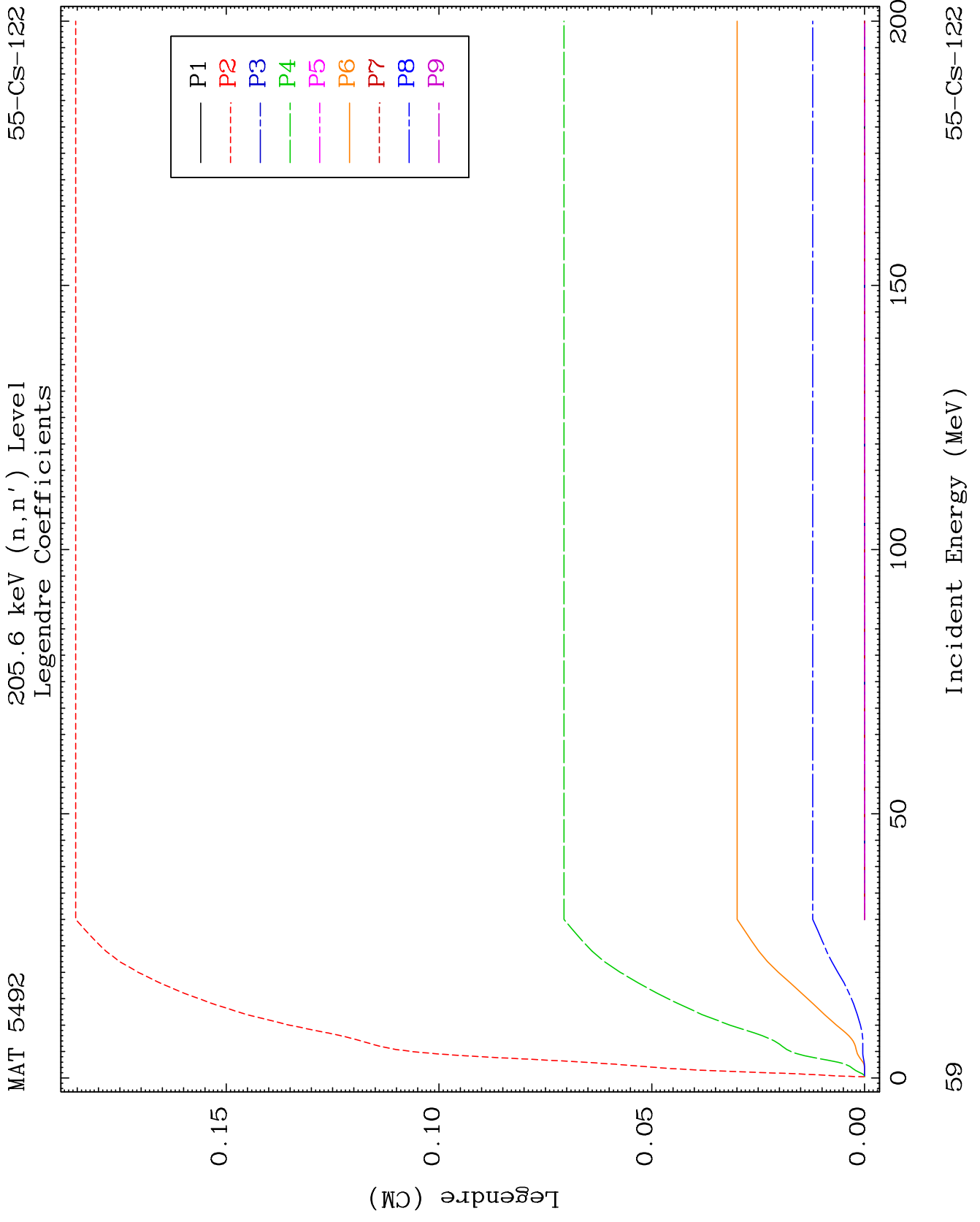
55-Cs-122



57

Incident Energy (MeV)

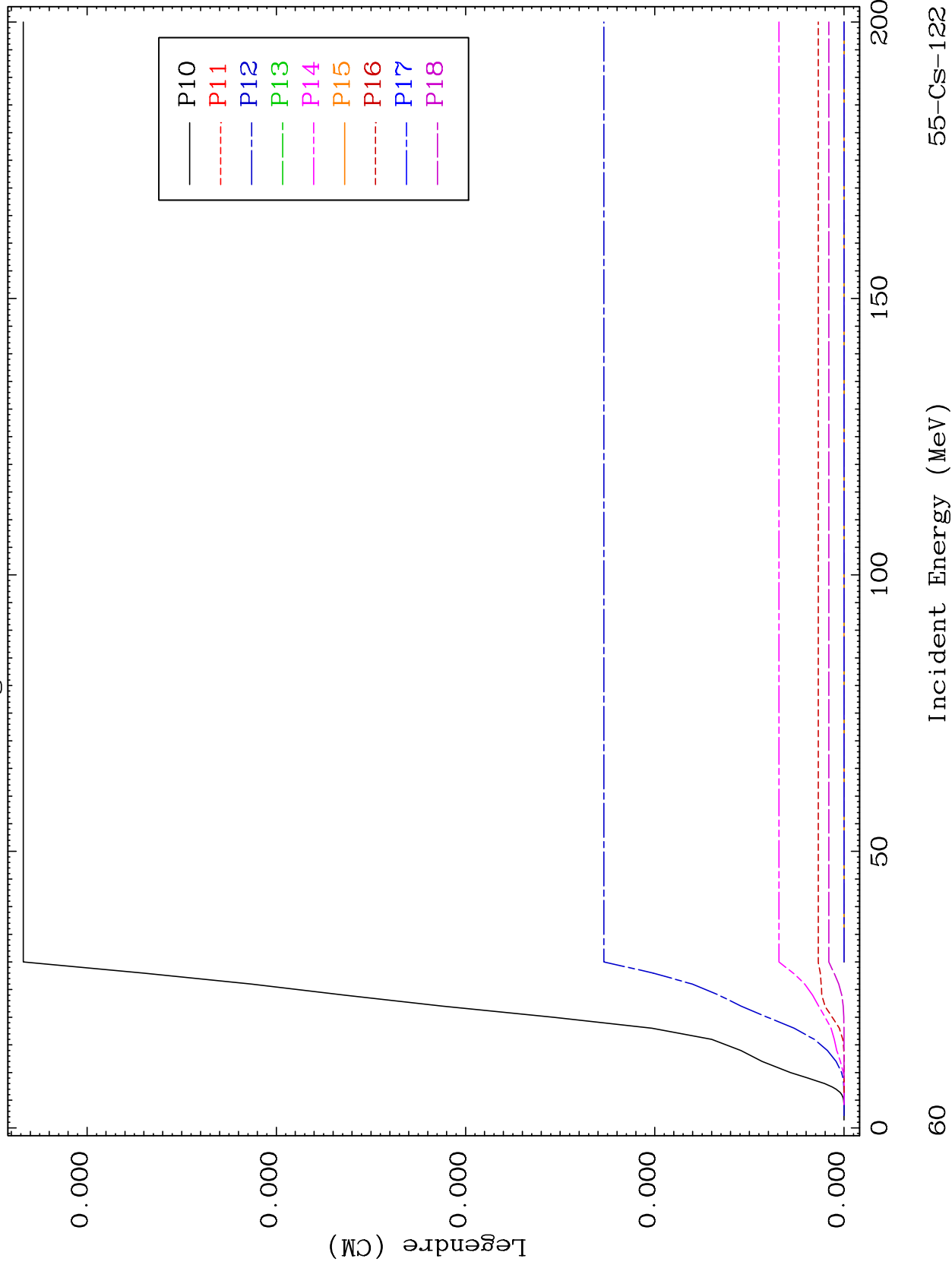
55-Cs-122



MAT 5492

205.6 keV (n,n') Level
Legendre Coefficients

55-Cs-122

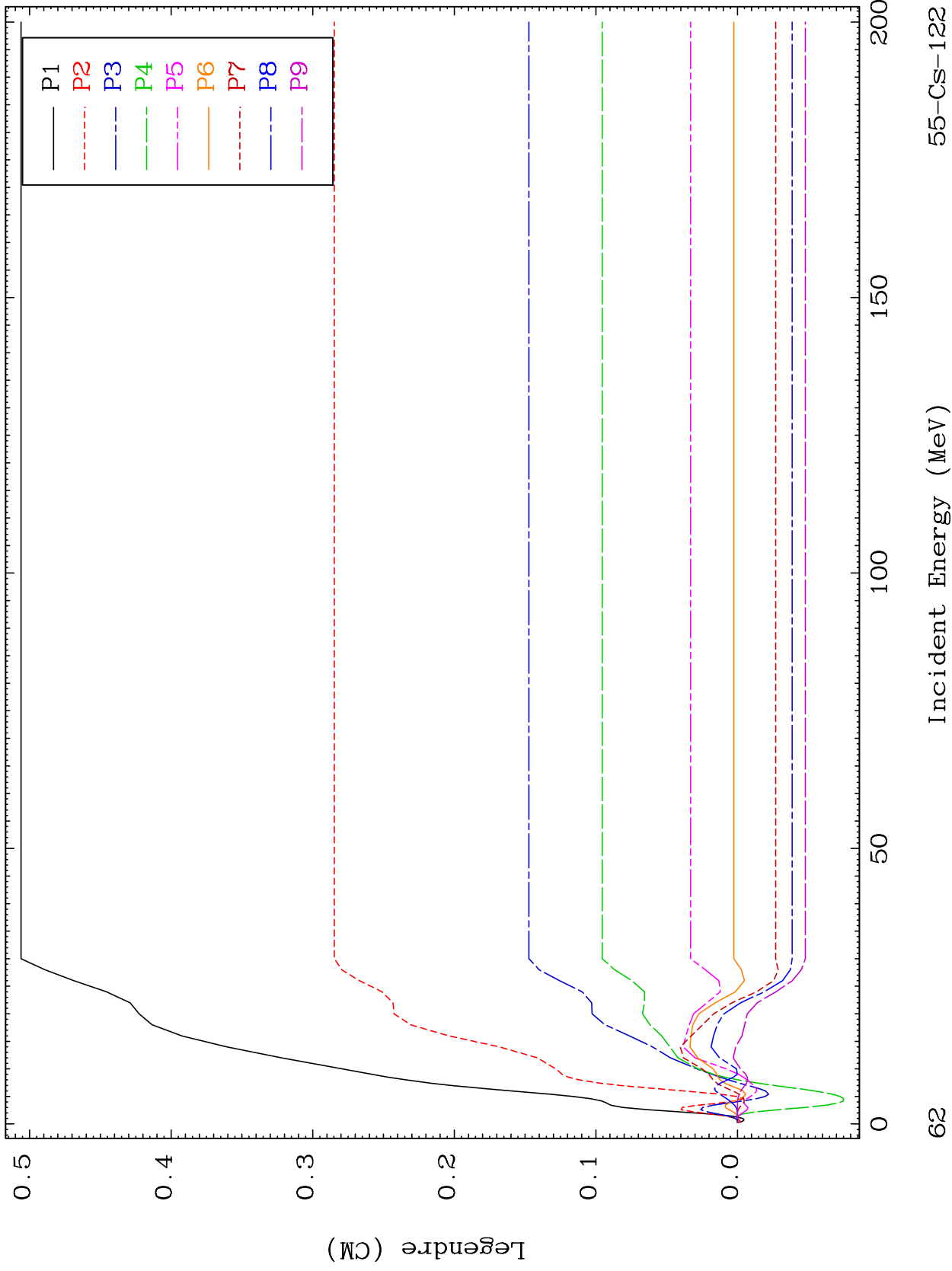


55-Cs-122

MAT 5492

223.7 keV (n,n') Level
Legendre Coefficients

55-Cs-122



55-Cs-122

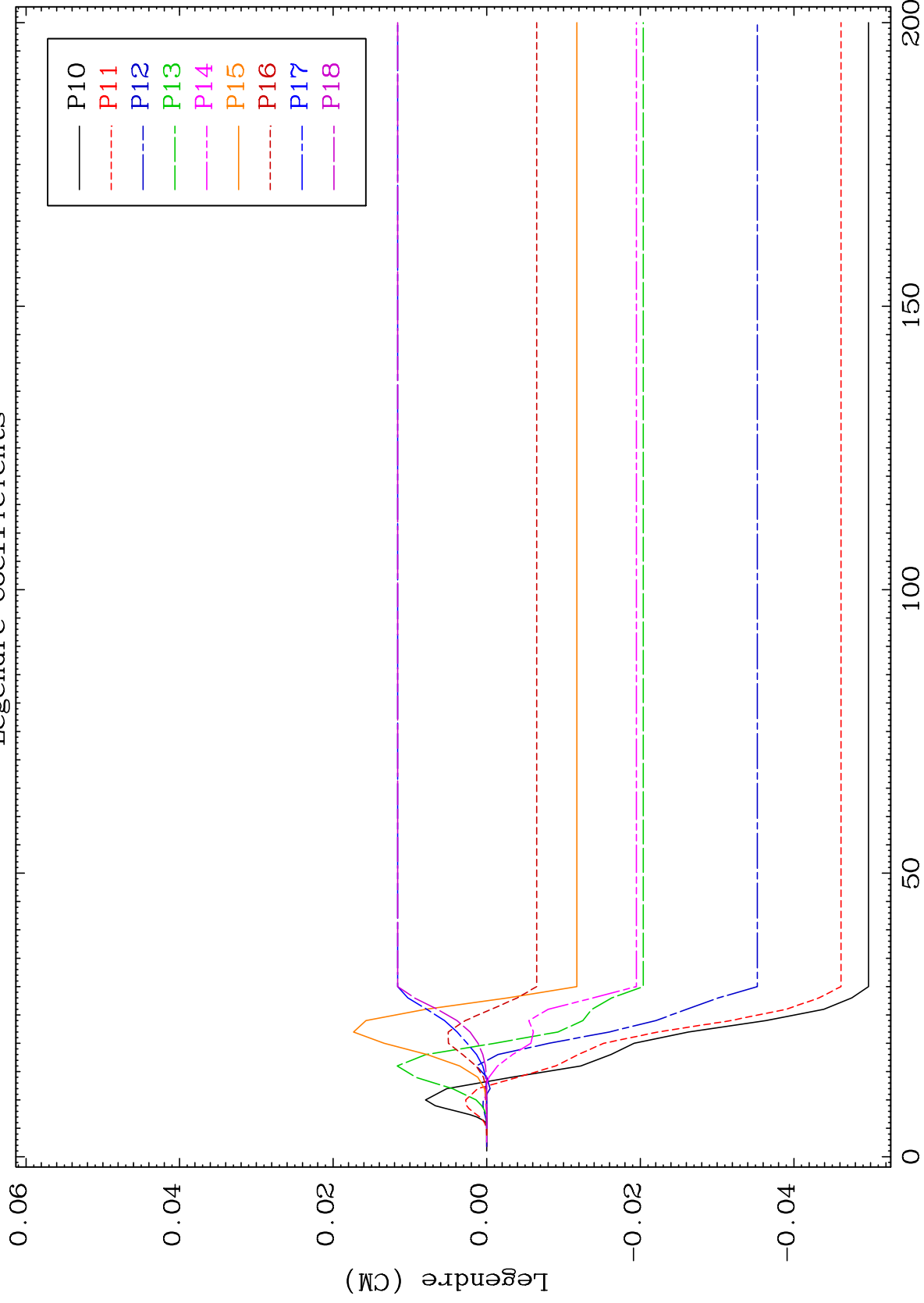
Incident Energy (MeV)

62

MAT 5492

223.7 keV (n,n') Level
Legendre Coefficients

55-Cs-122



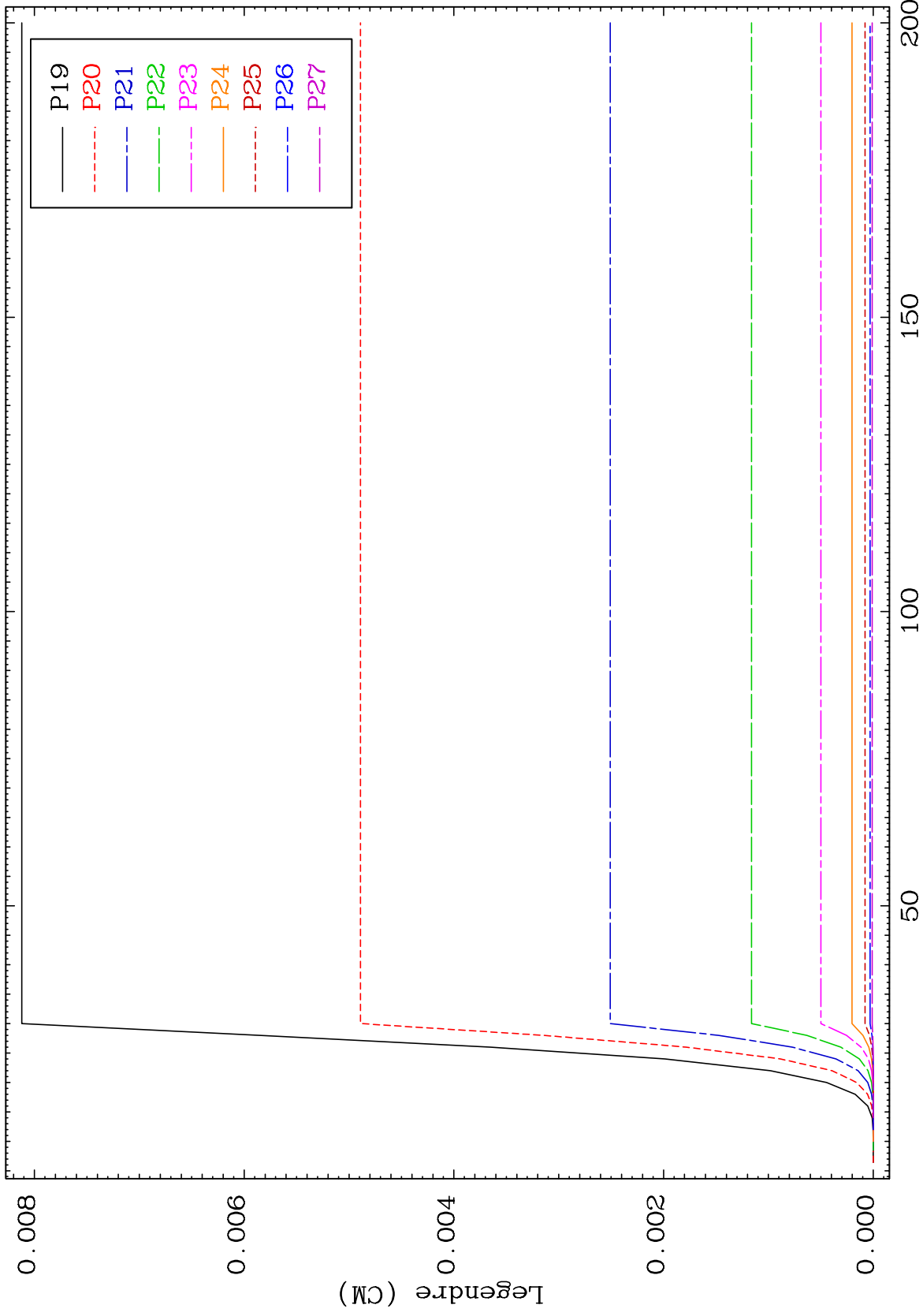
63

55-Cs-122

MAT 5492

223.7 keV (n,n') Level
Legendre Coefficients

55-Cs-122



64

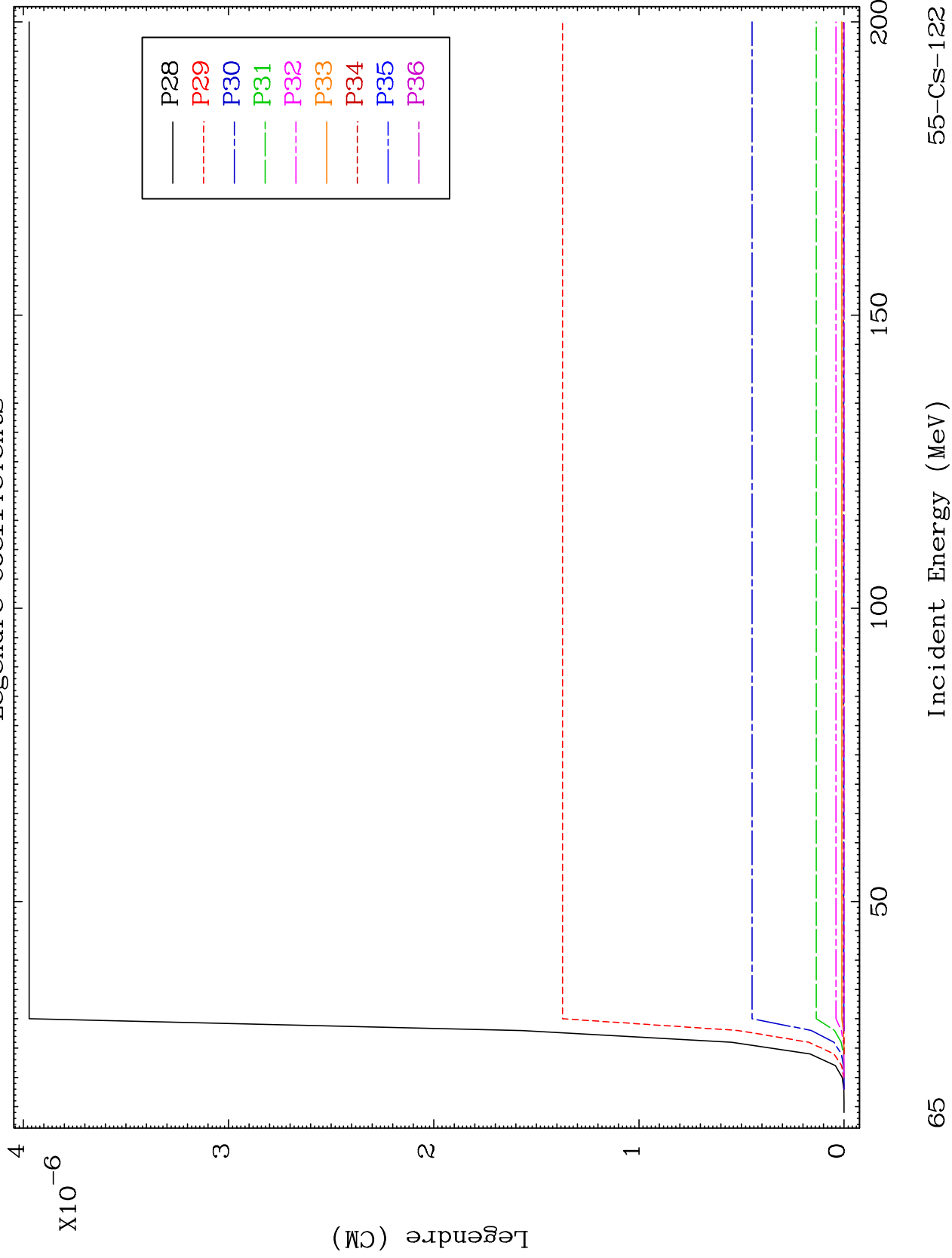
Incident Energy (MeV)

55-Cs-122

MAT 5492

223.7 keV (n,n') Level
Legendre Coefficients

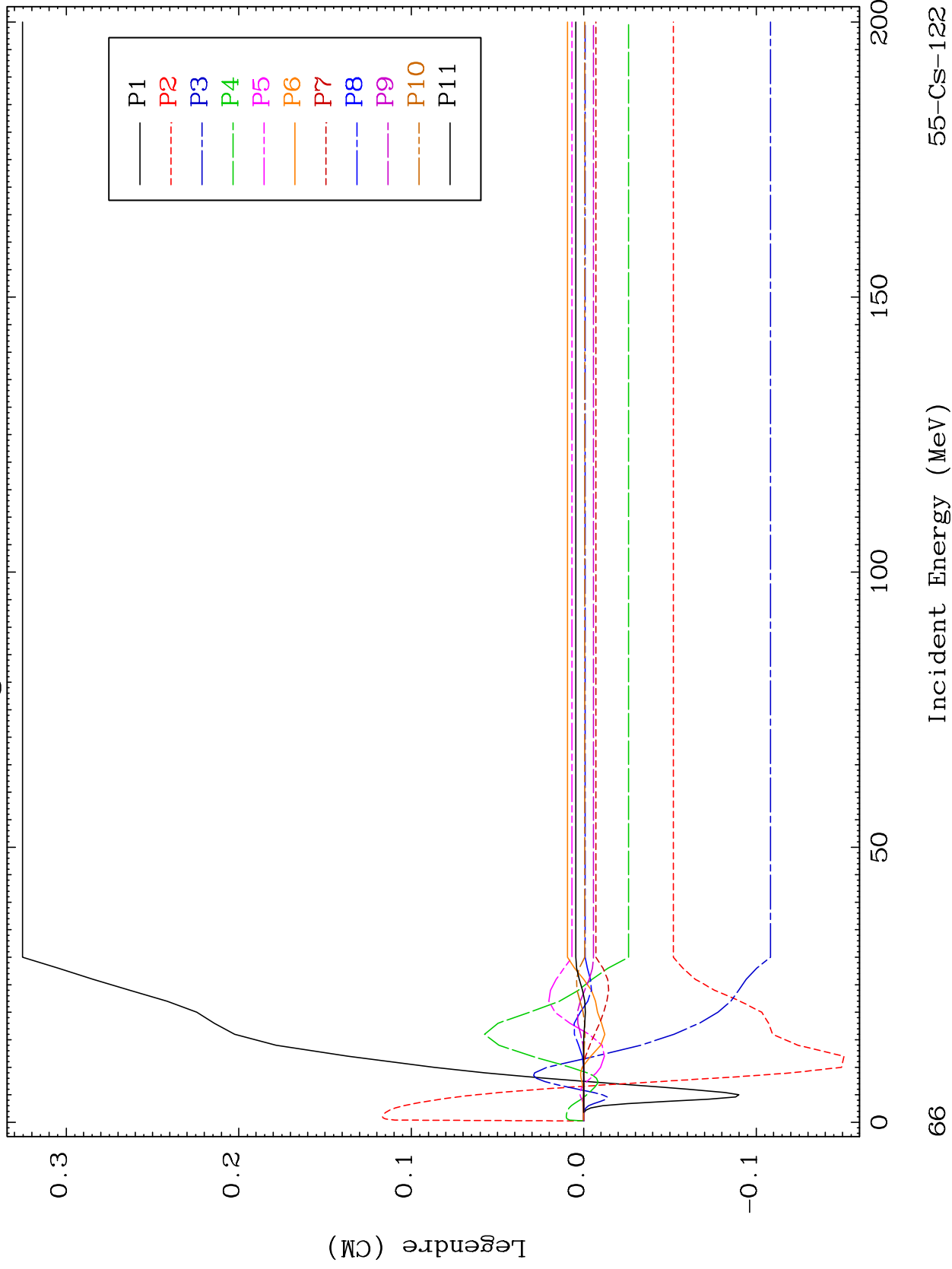
55-Cs-122



MAT 5492

235.3 keV (n,n') Level
Legendre Coefficients

55-Cs-122



55-Cs-122

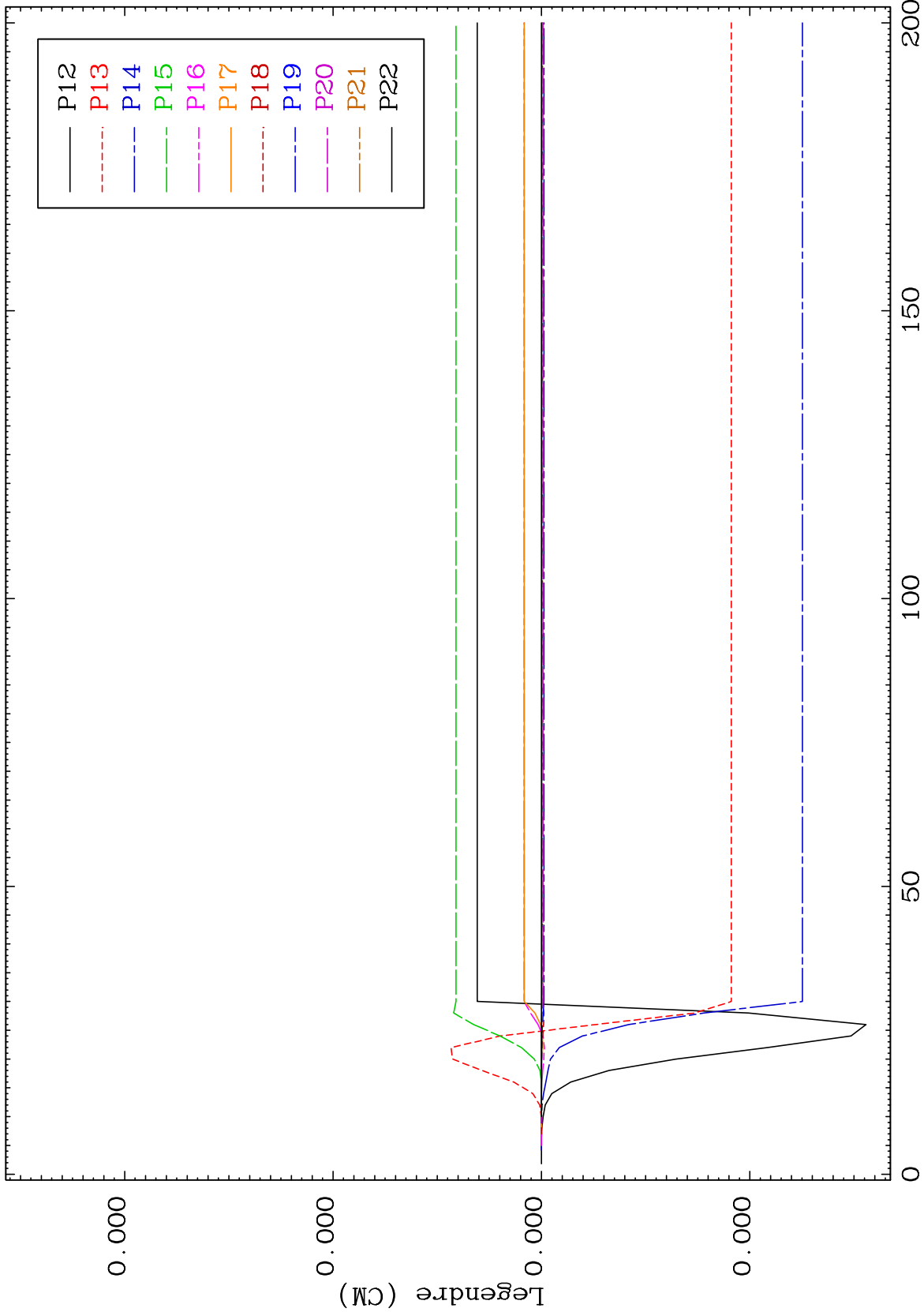
Incident Energy (MeV)

66

MAT 5492

235.3 keV (n,n') Level
Legendre Coefficients

55-Cs-122



67

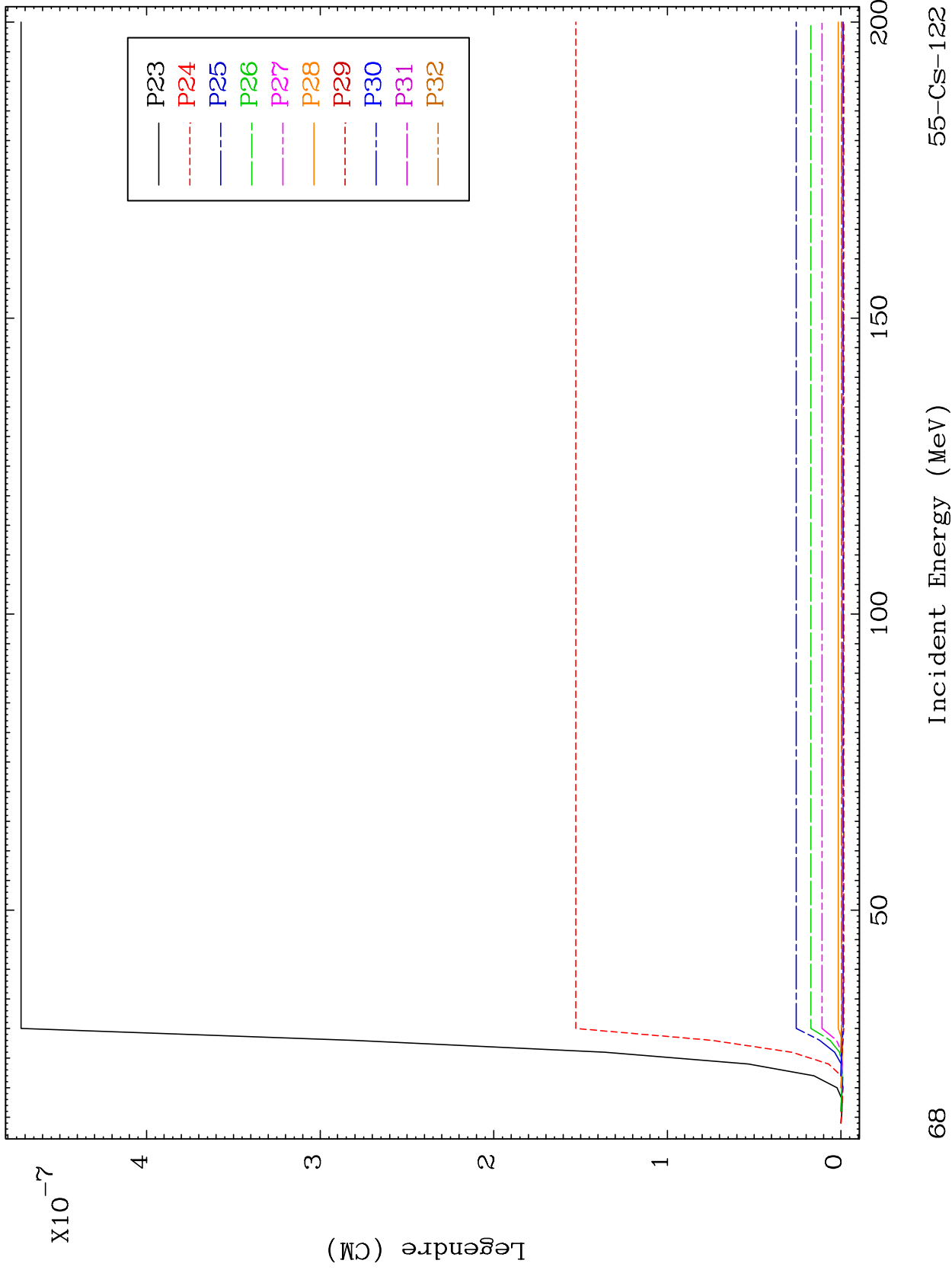
Incident Energy (MeV)

55-Cs-122

MAT 5492

235.3 keV (n,n') Level
Legendre Coefficients

55-Cs-122



68

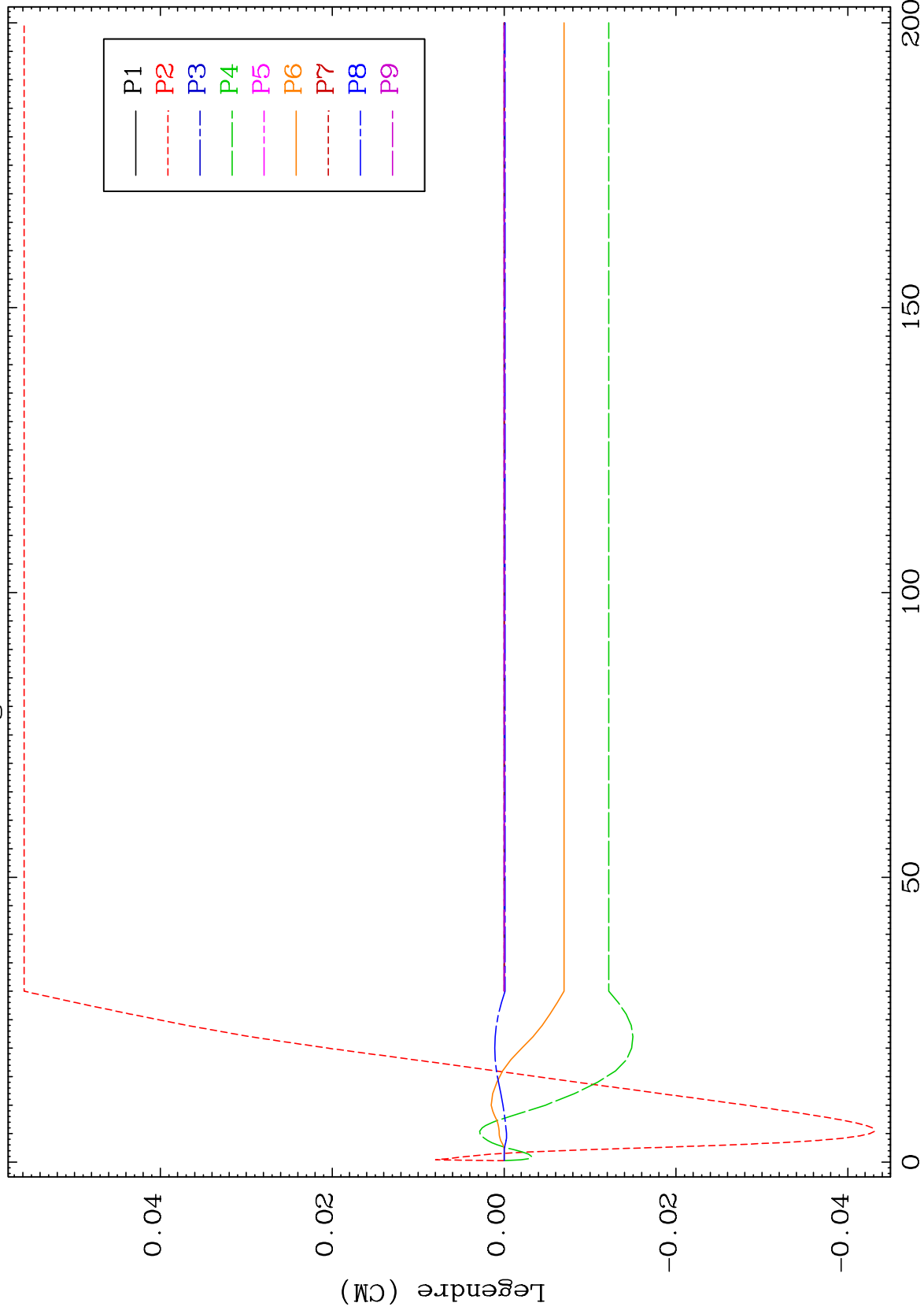
Incident Energy (MeV)

55-Cs-122

MAT 5492

237.6 keV (n,n') Level
Legendre Coefficients

55-Cs-122



69

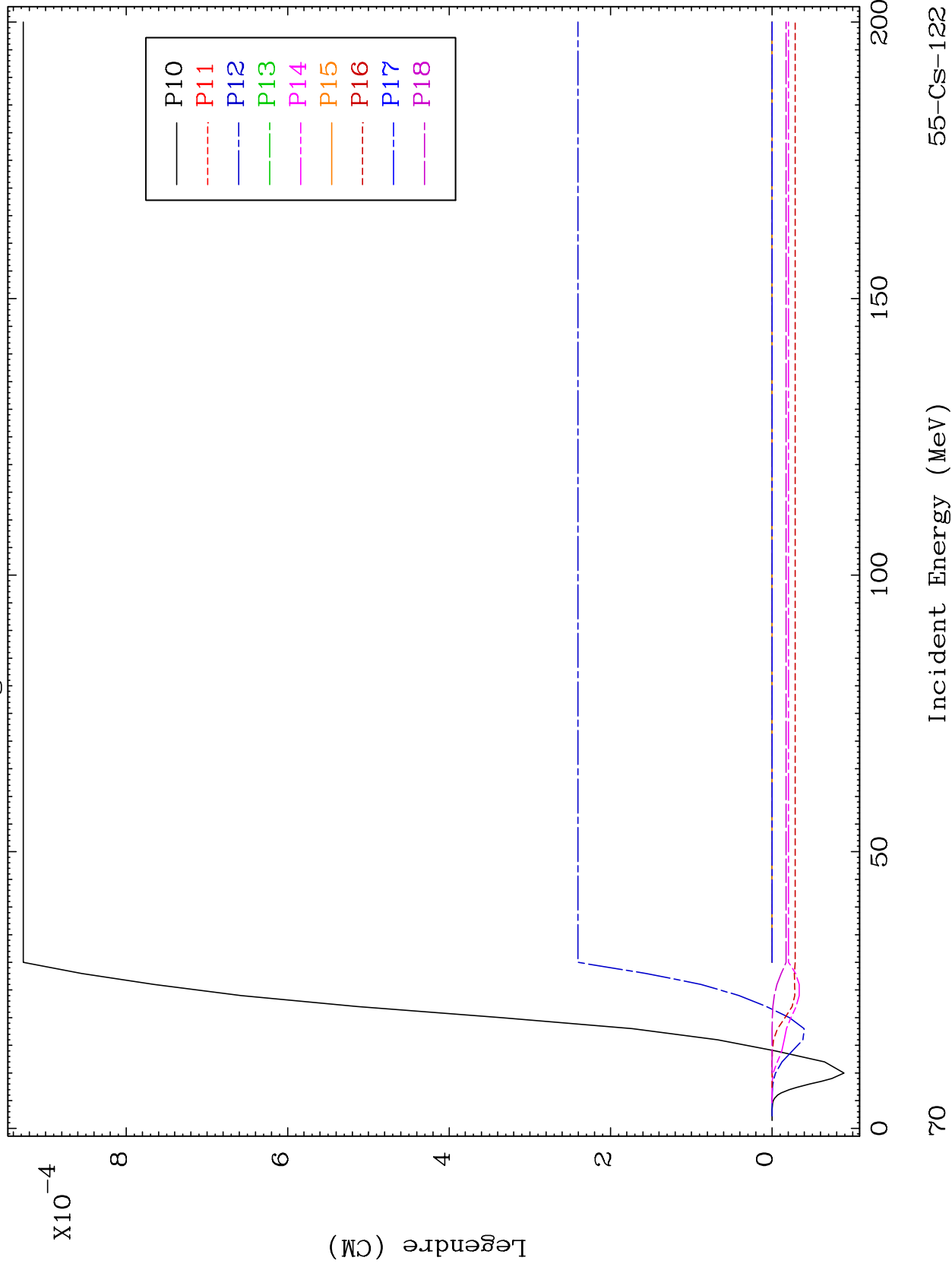
Incident Energy (MeV)

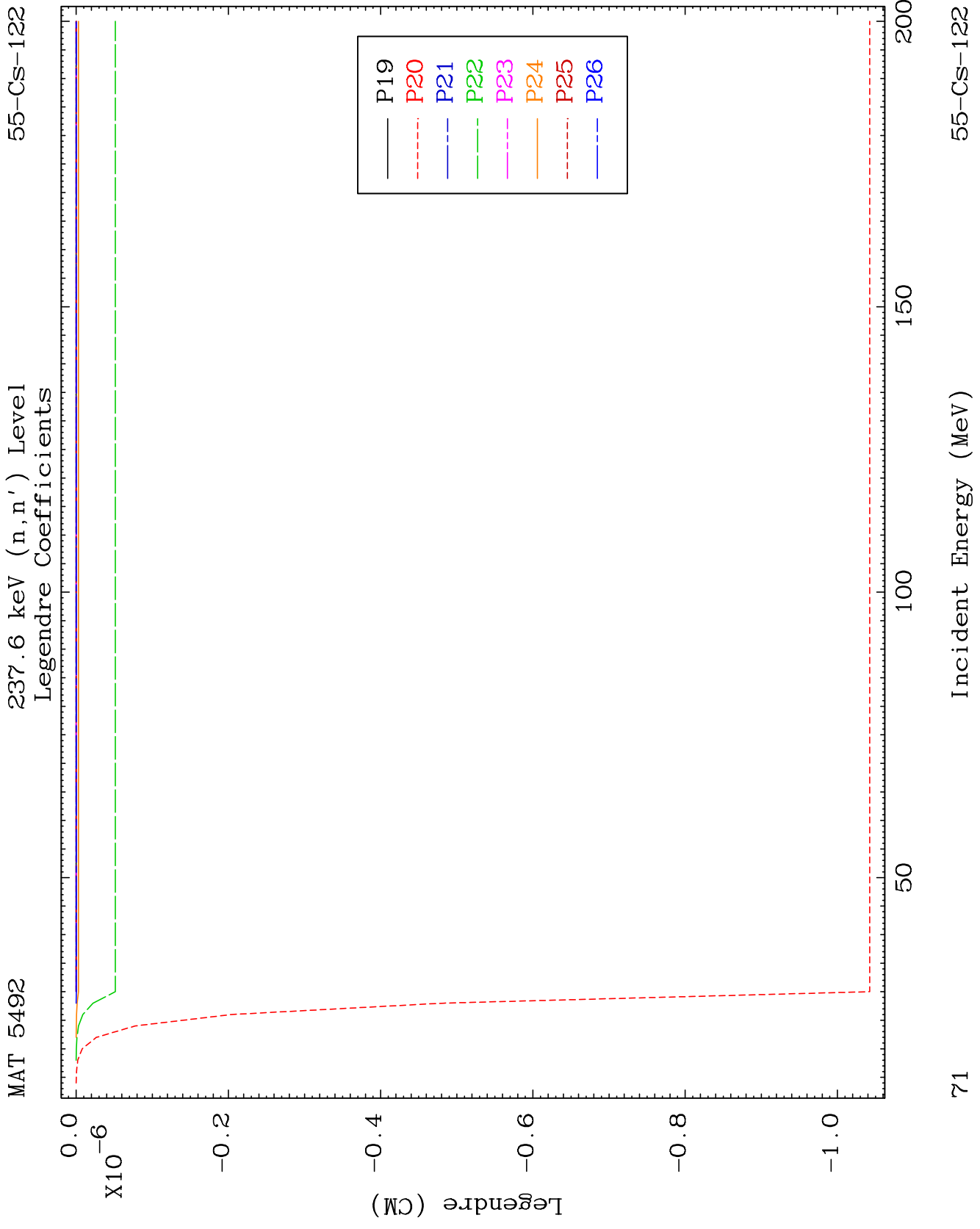
55-Cs-122

MAT 5492

237.6 keV (n,n') Level
Legendre Coefficients

55-Cs-122

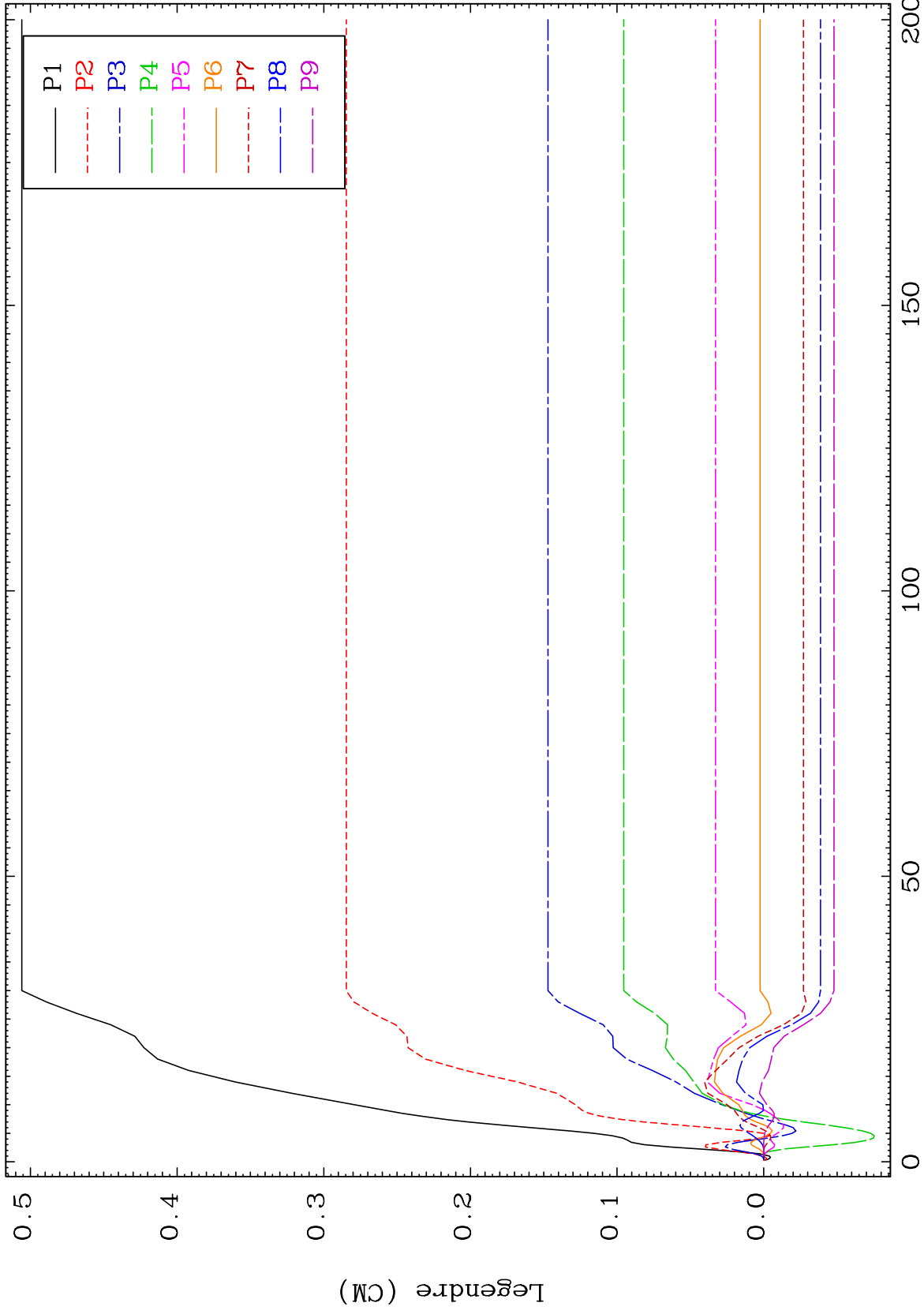




MAT 5492

261.1 keV (n,n') Level
Legendre Coefficients

55-Cs-122



55-Cs-122

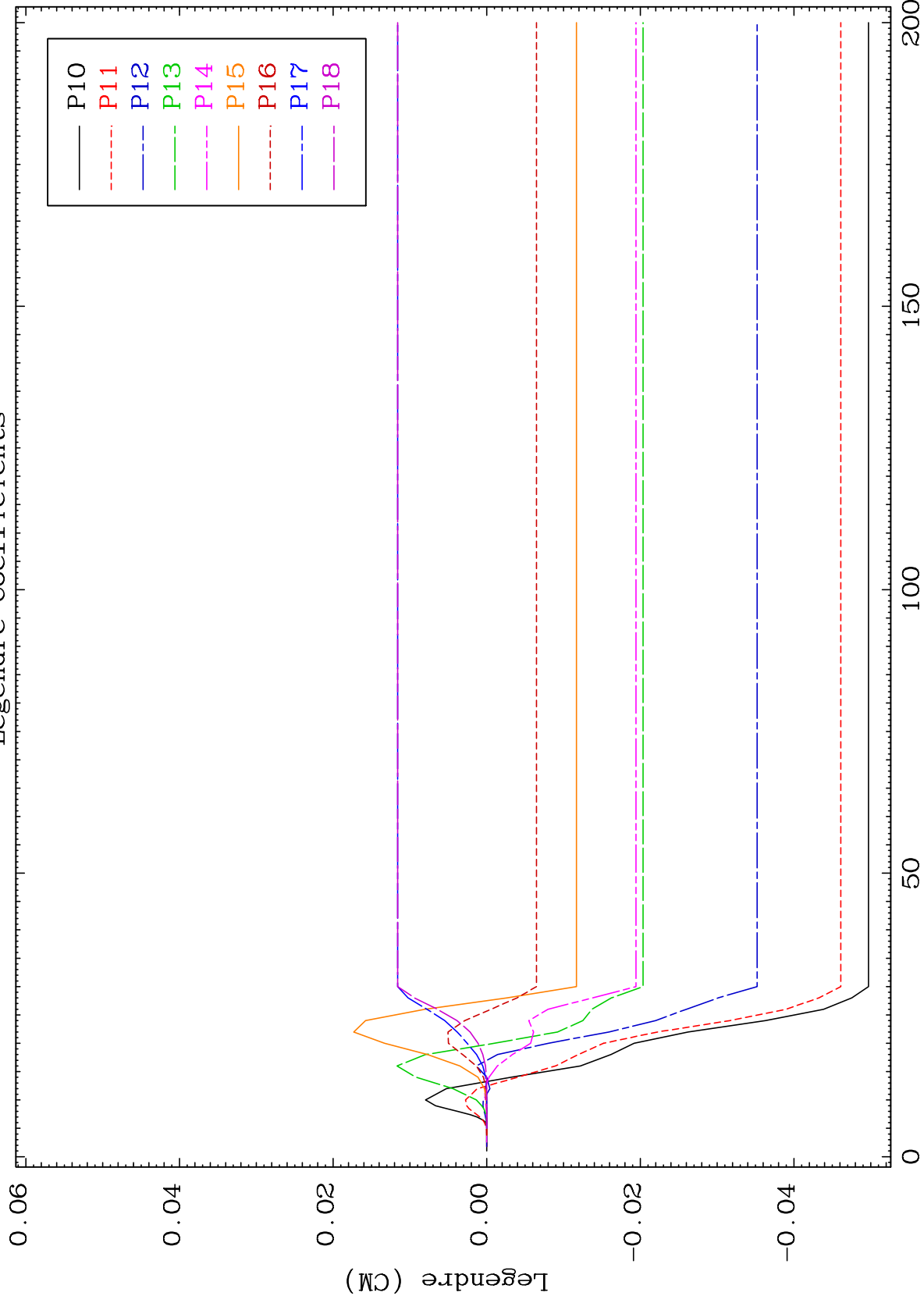
Incident Energy (MeV)

72

MAT 5492

261.1 keV (n,n') Level
Legendre Coefficients

55-Cs-122



73

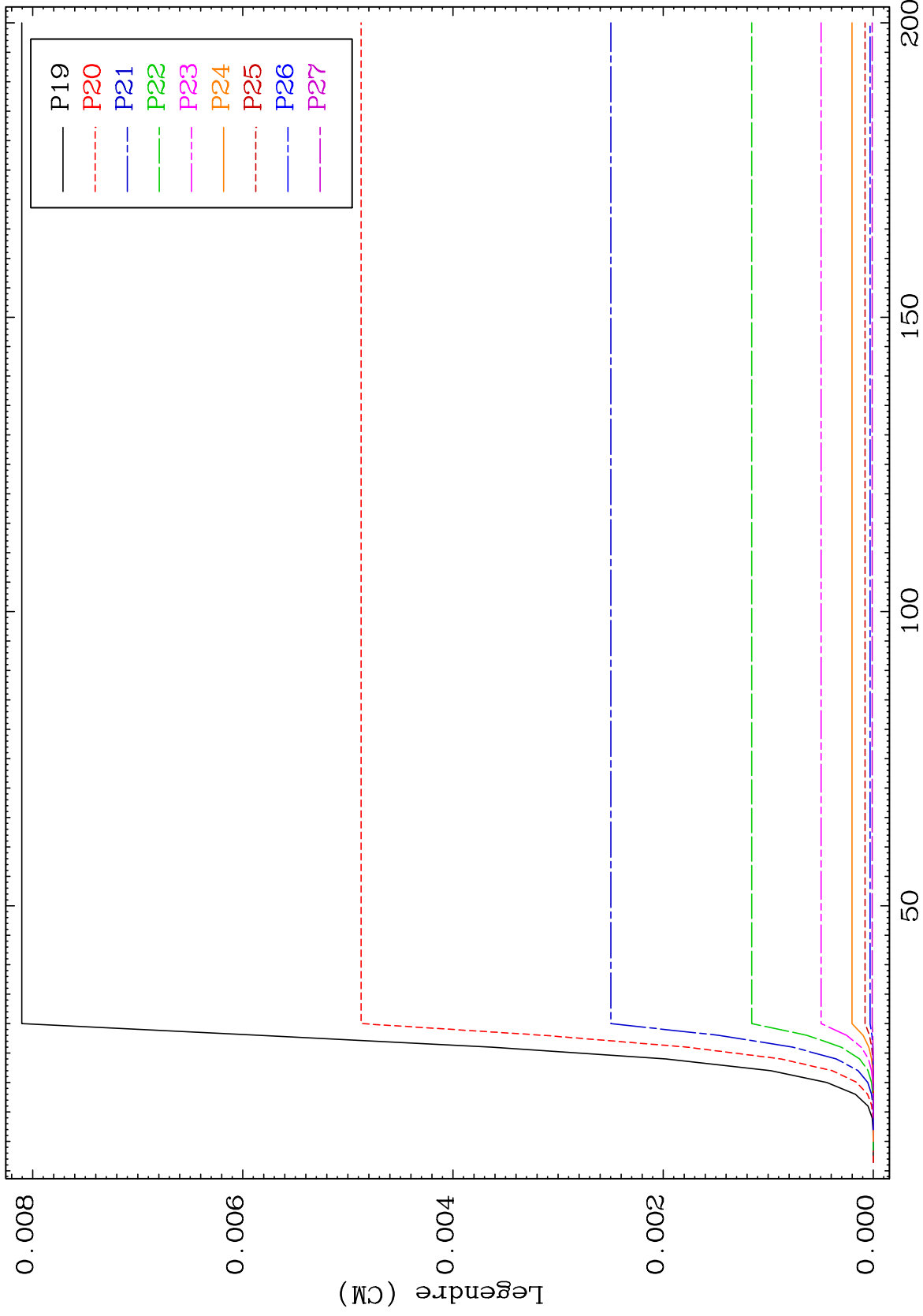
Incident Energy (MeV)

55-Cs-122

MAT 5492

261.1 keV (n,n') Level
Legendre Coefficients

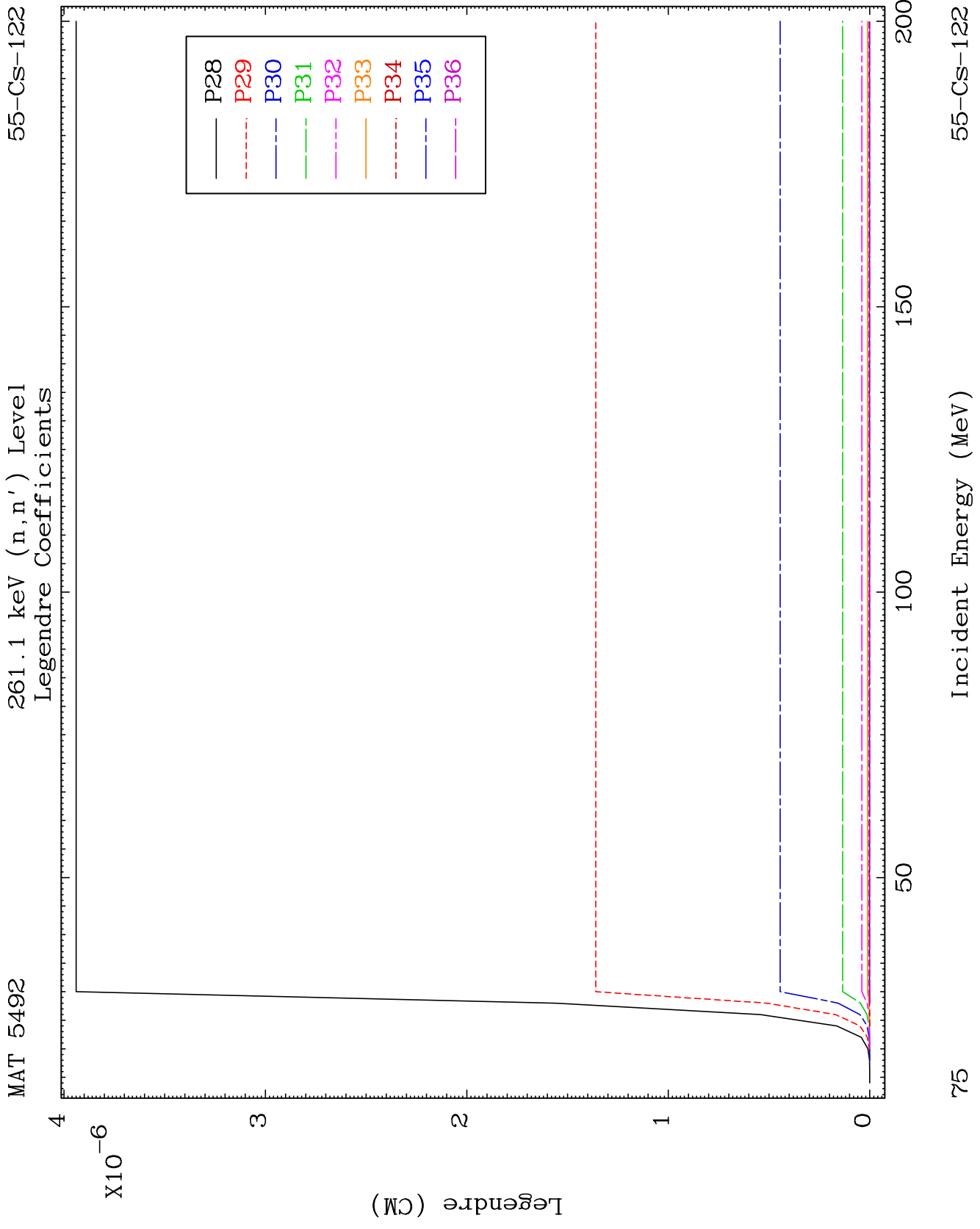
55-Cs-122



74

Incident Energy (MeV)

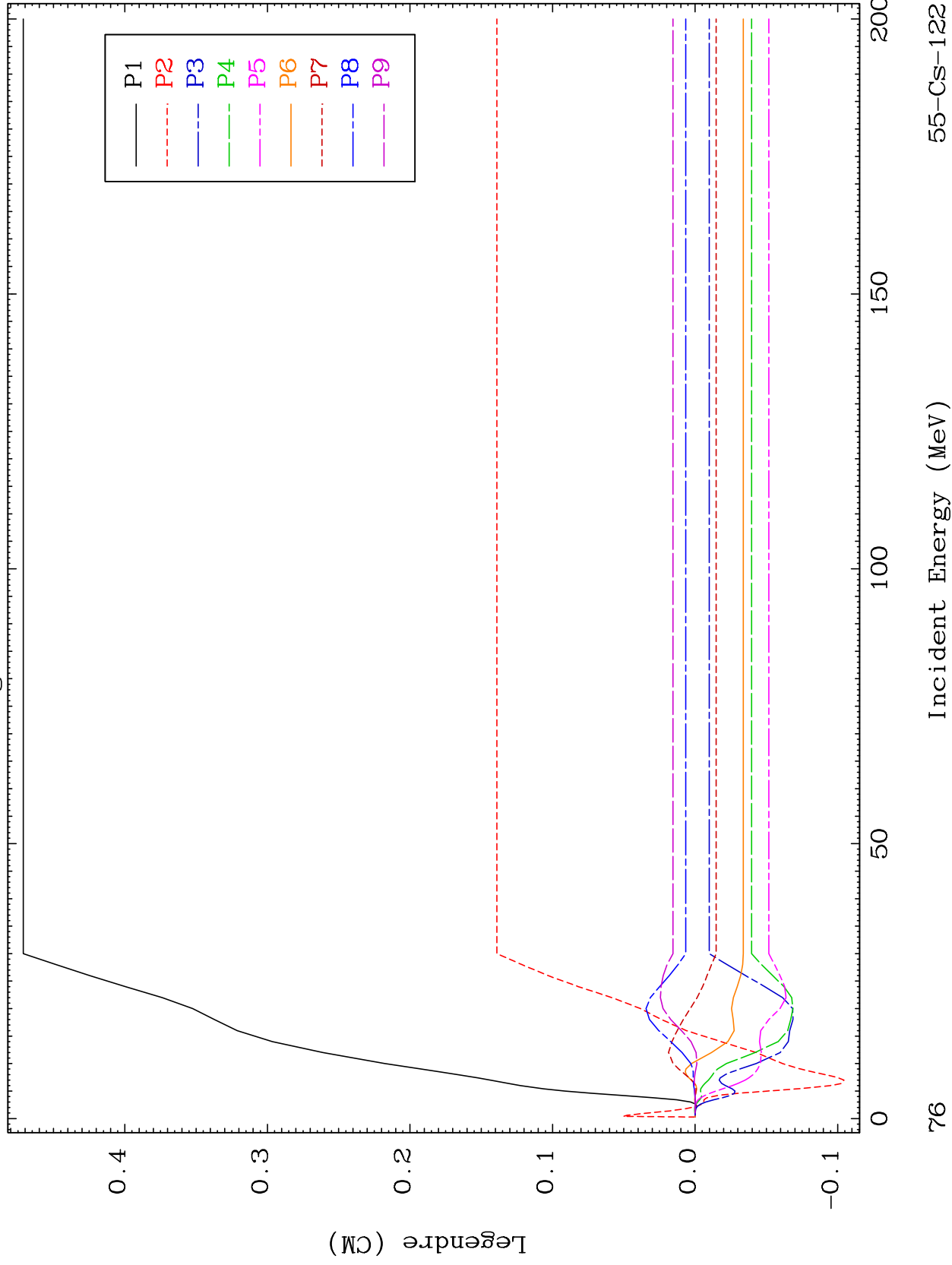
55-Cs-122



MAT 5492

265.7 keV (n,n') Level
Legendre Coefficients

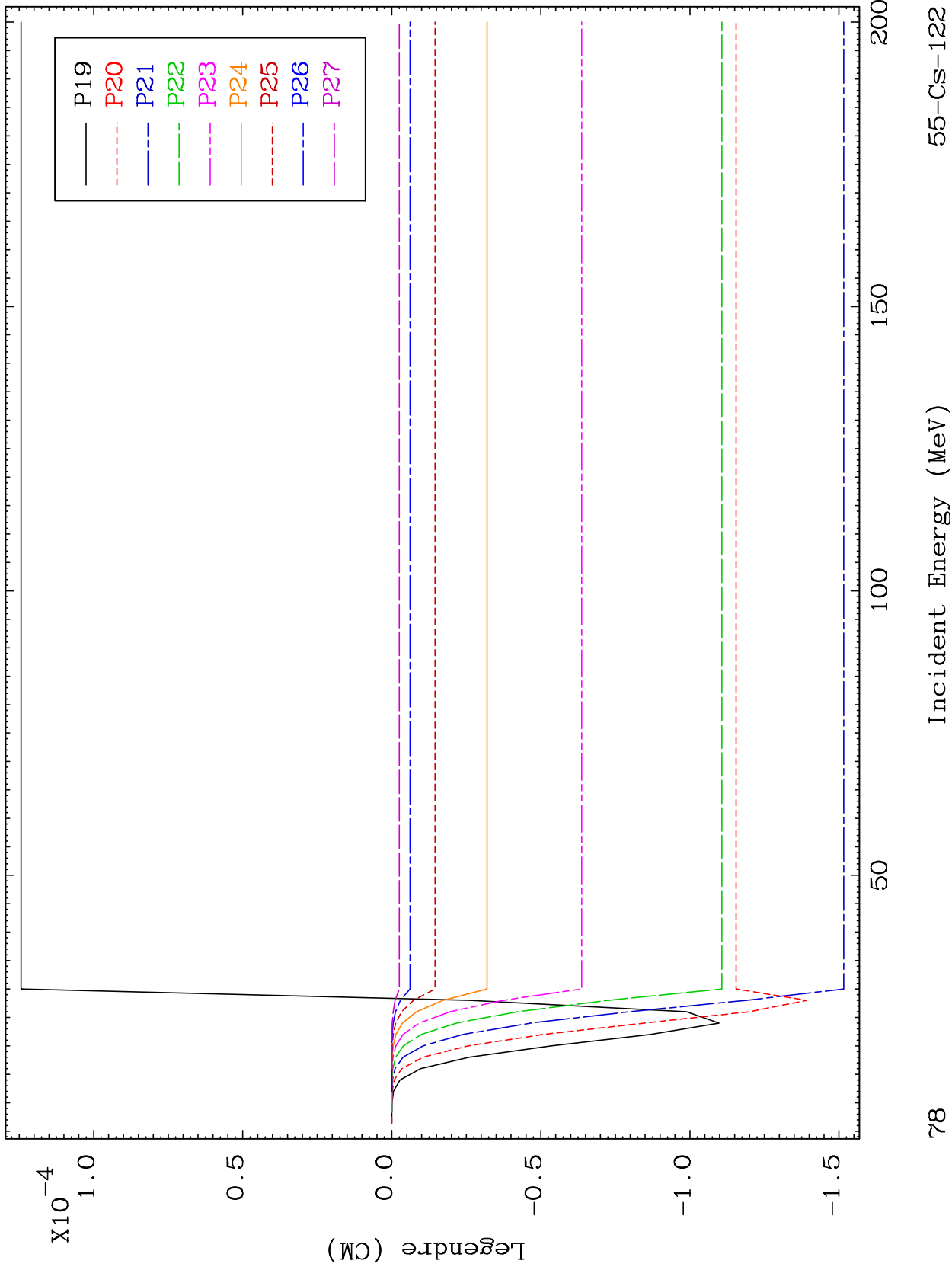
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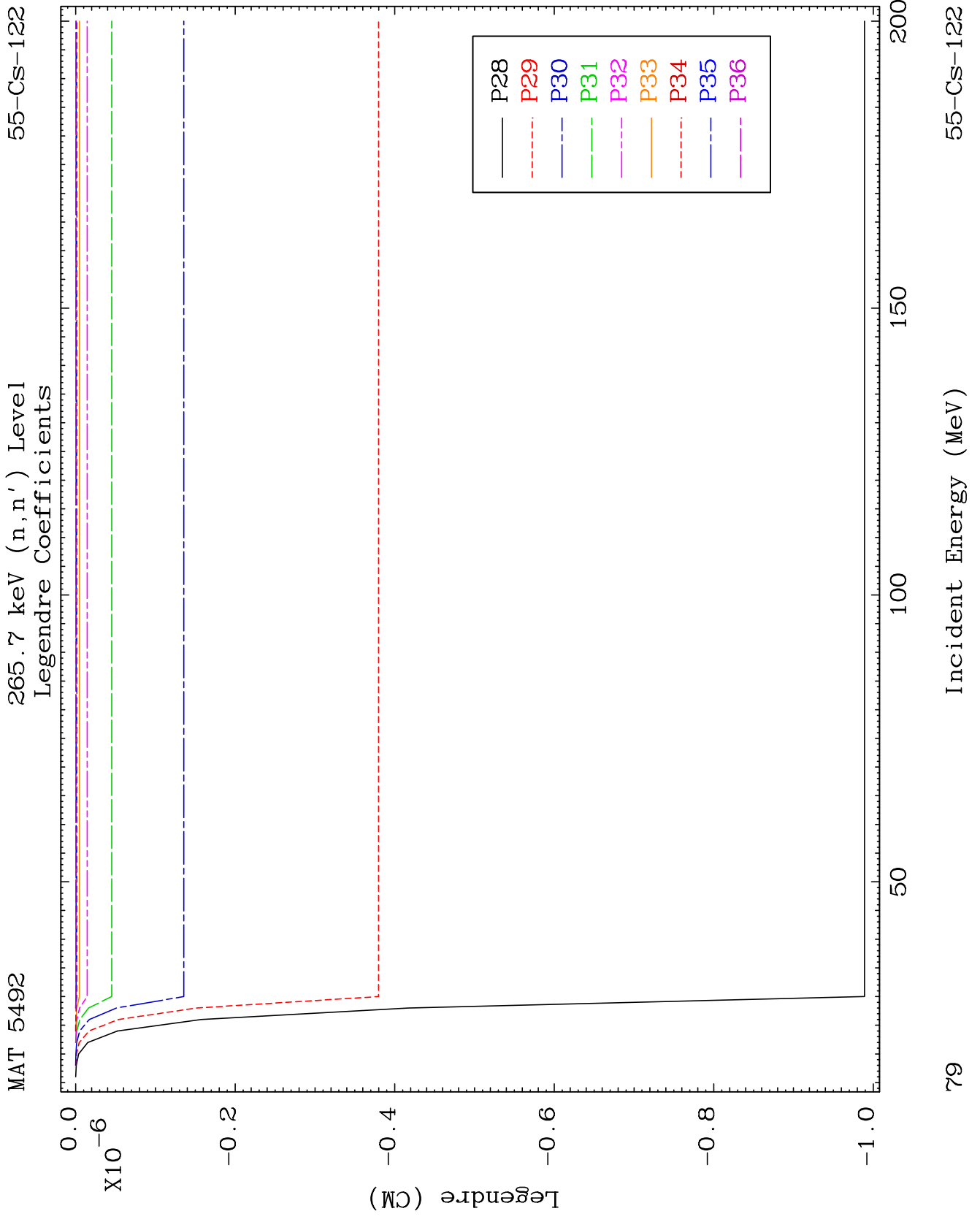


55-Cs-122

Incident Energy (MeV)

76

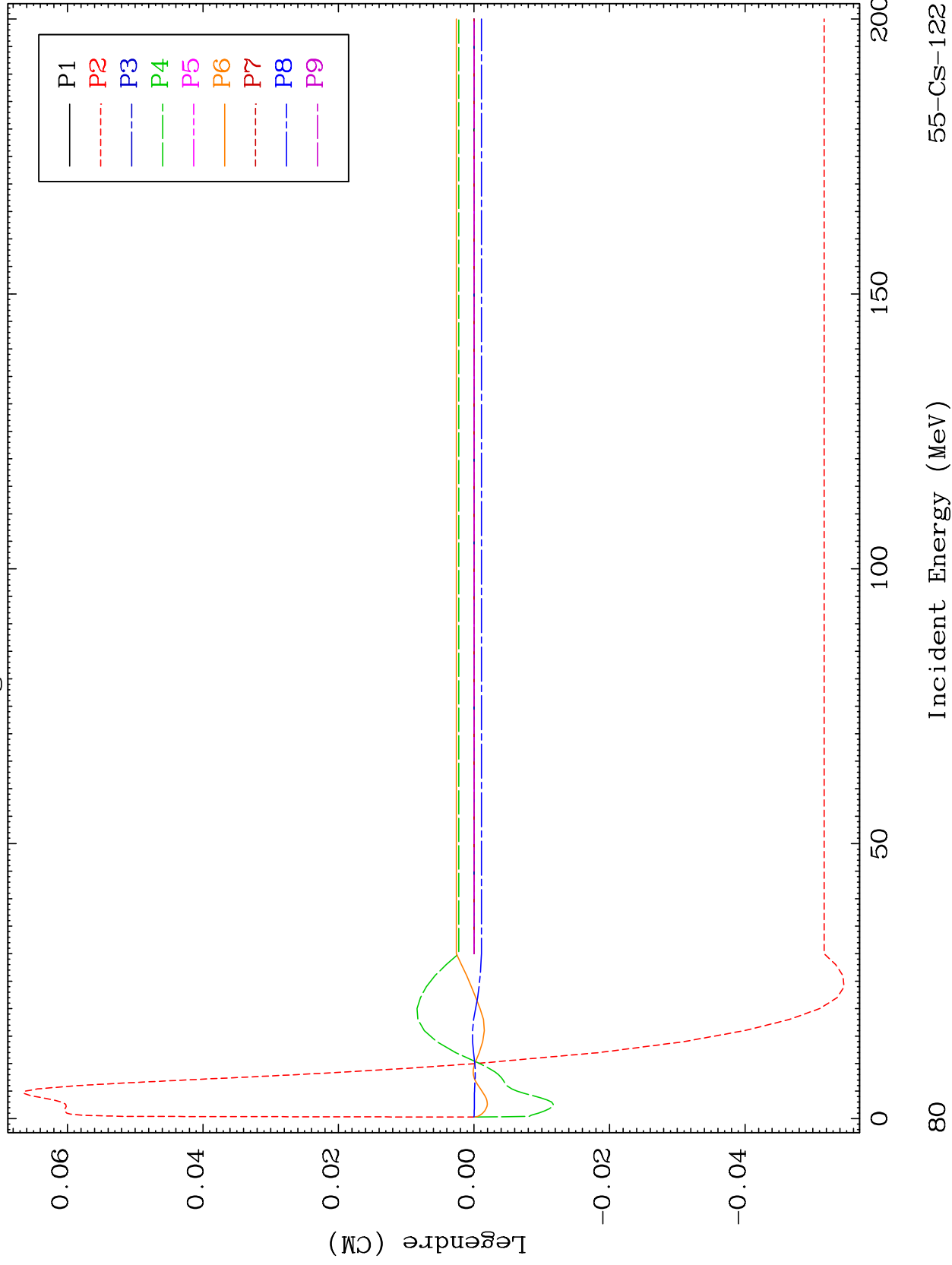




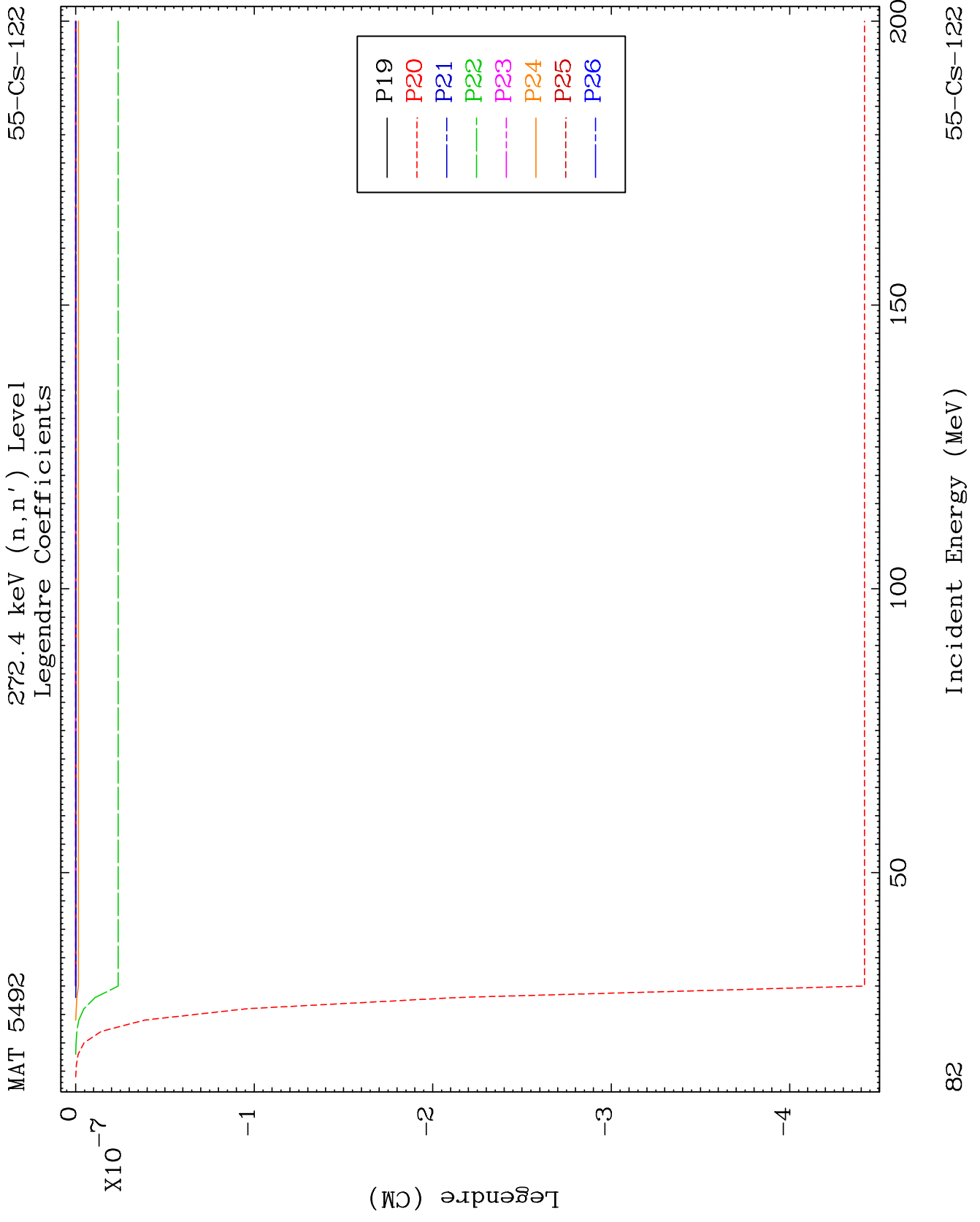
MAT 5492

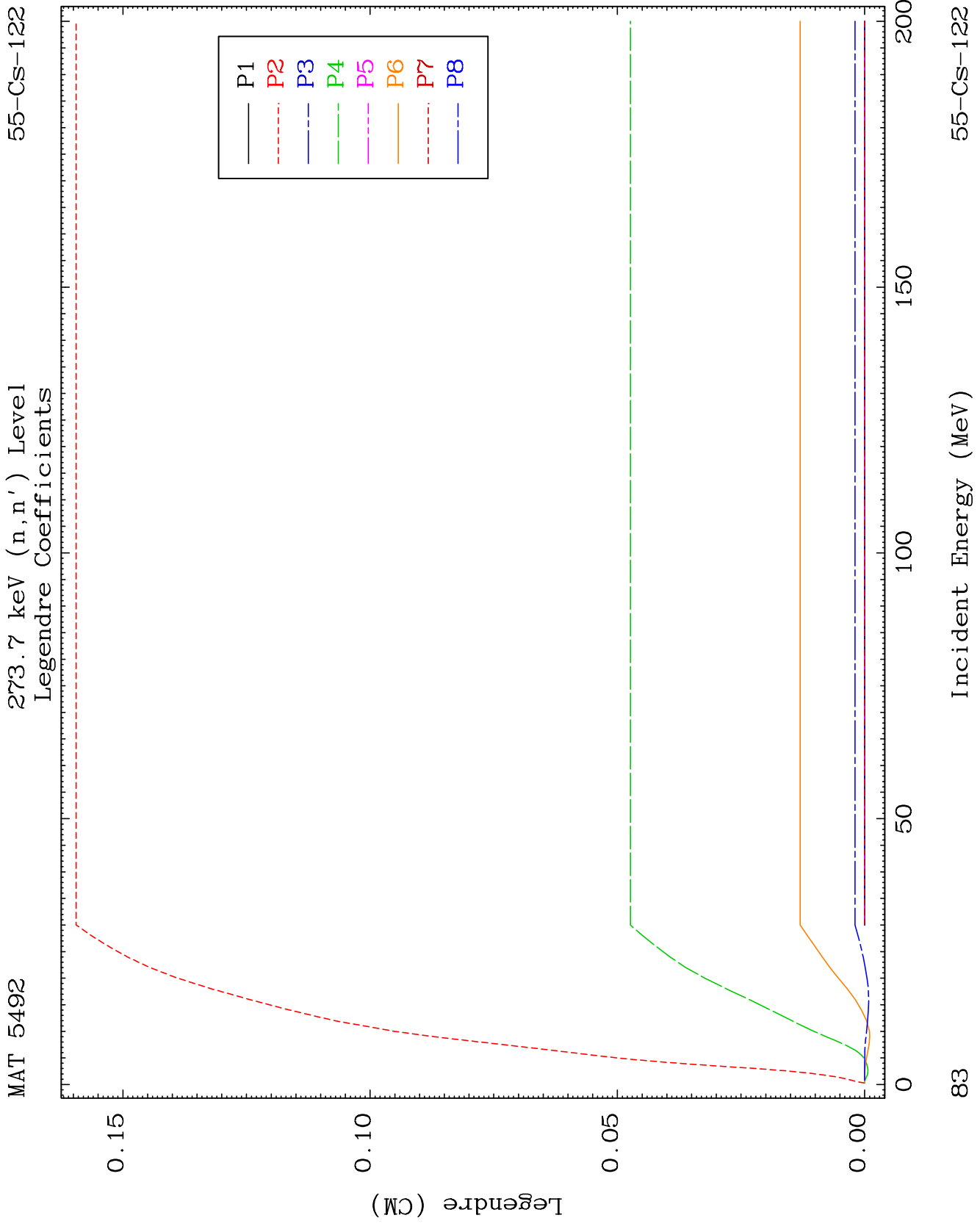
272.4 keV (n,n') Level
Legendre Coefficients

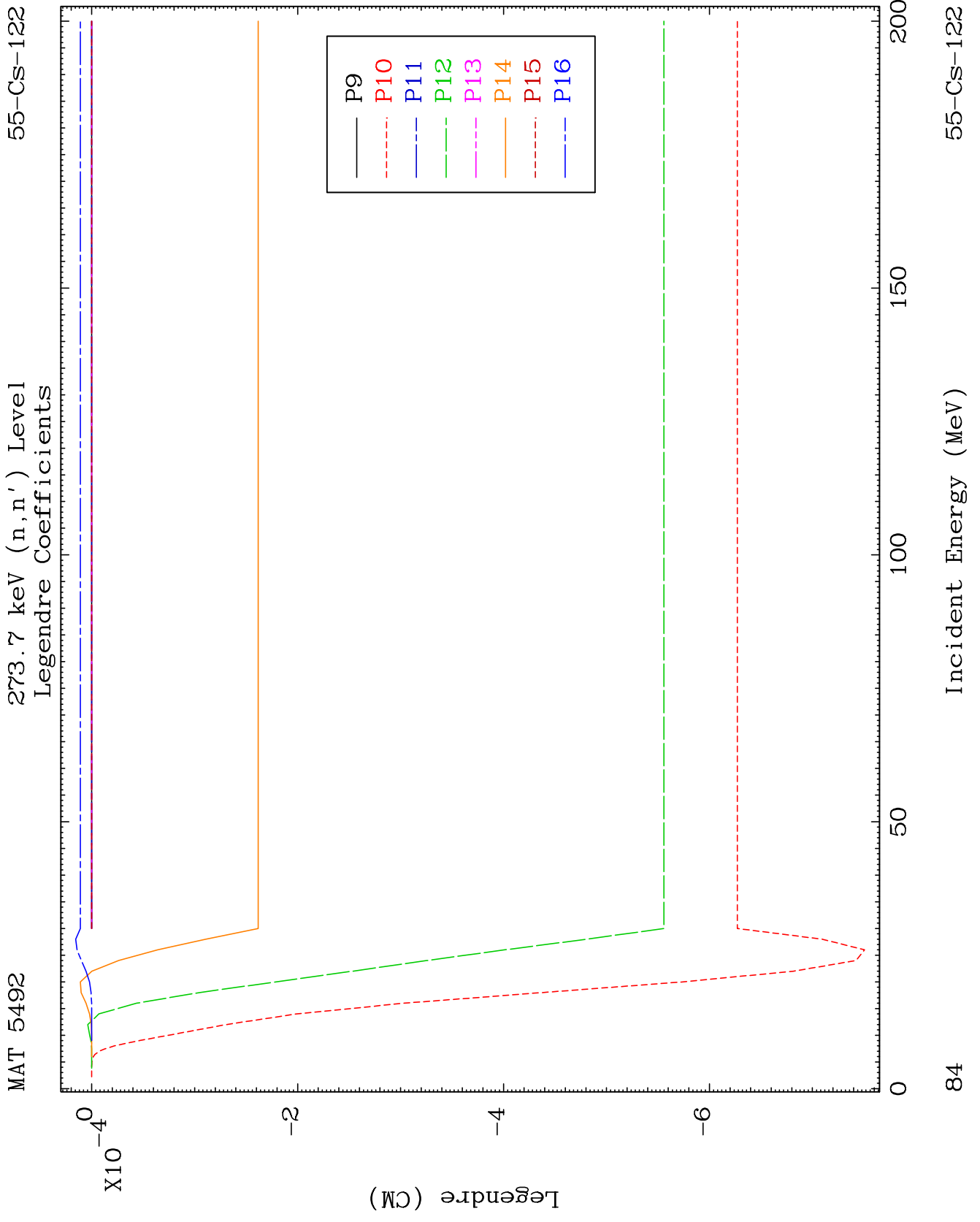
55-Cs-122

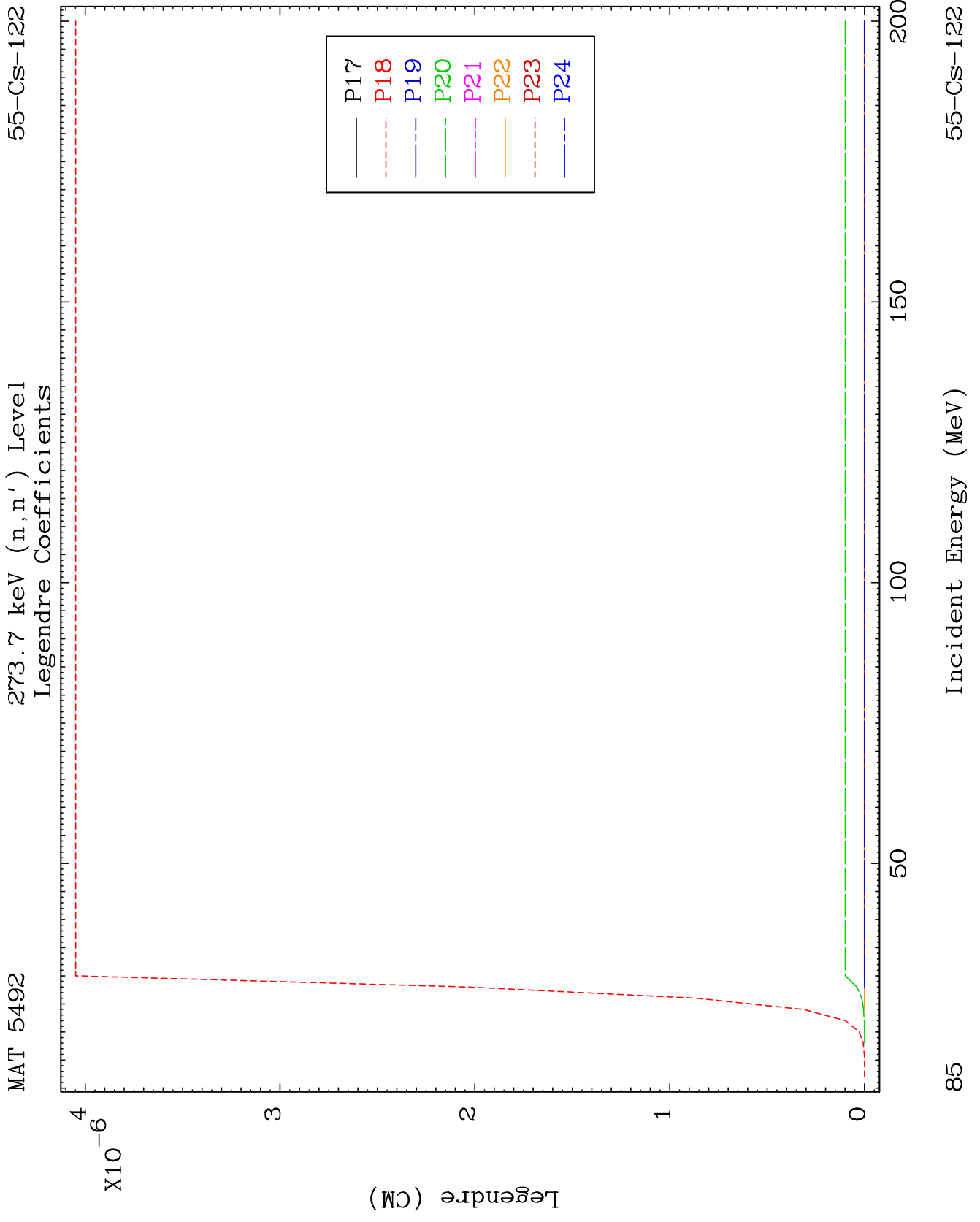


55-Cs-122





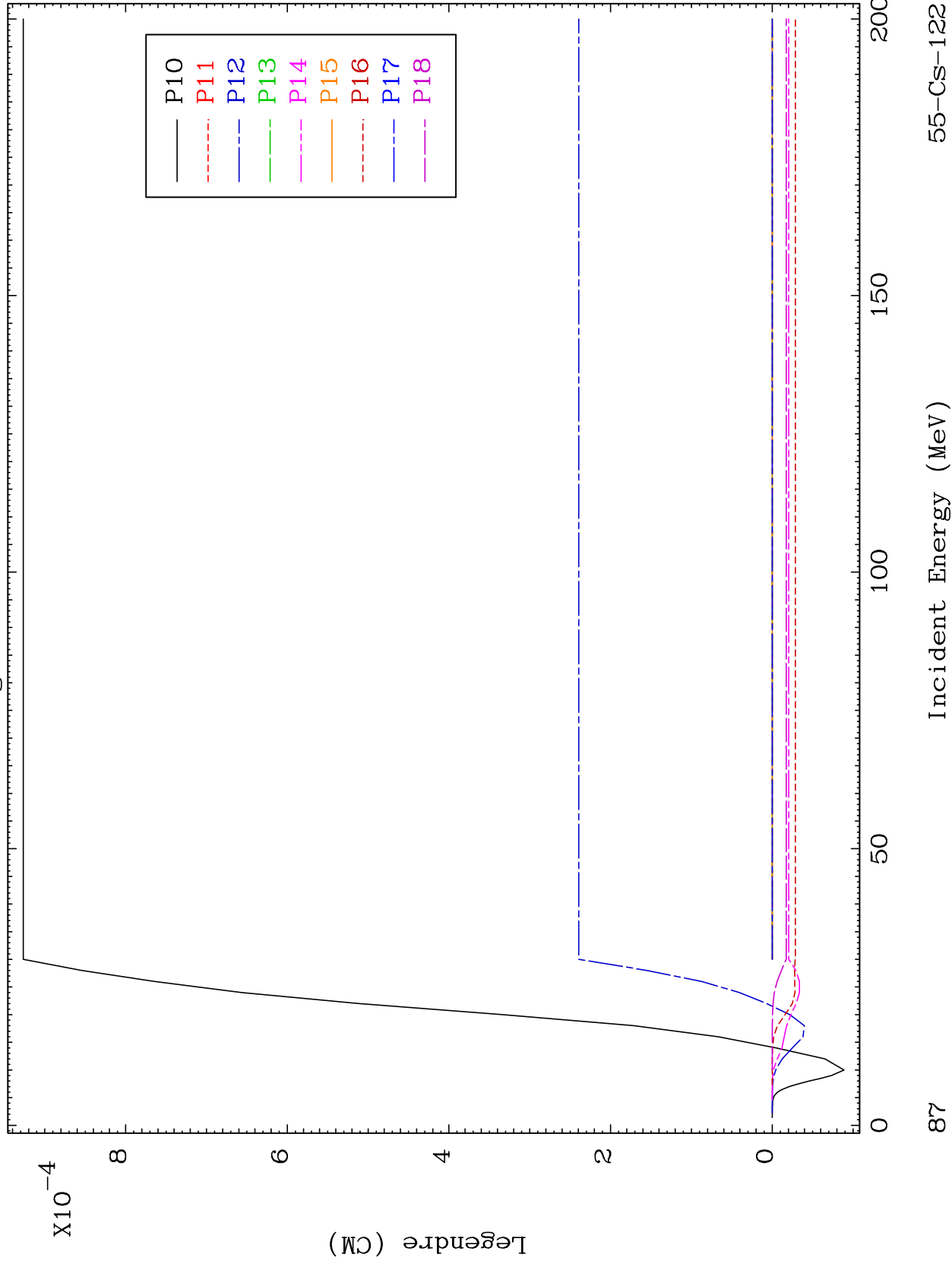




MAT 5492

280.0 keV (n,n') Level
Legendre Coefficients

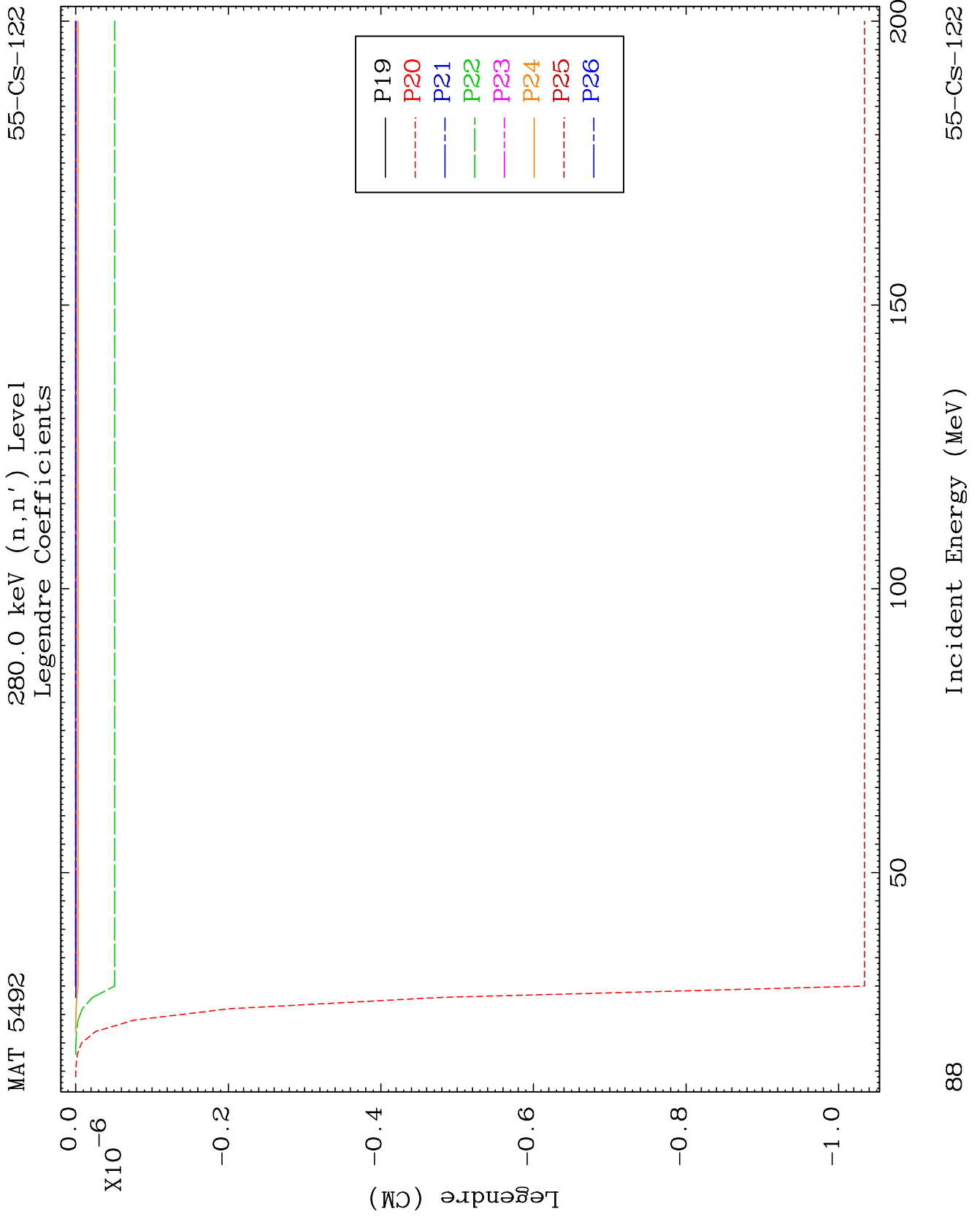
55-Cs-122



87

Incident Energy (MeV)

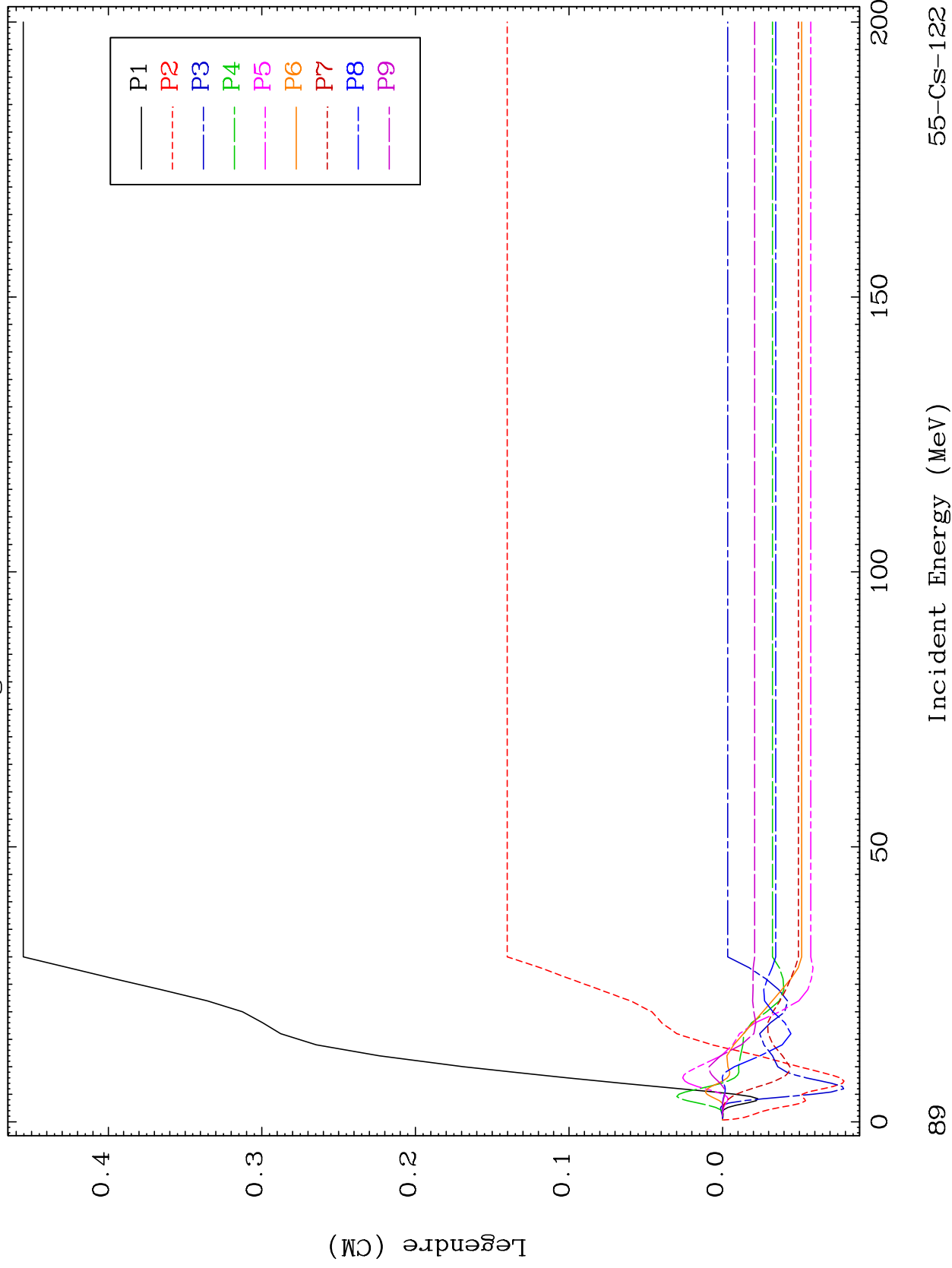
55-Cs-122



MAT 5492

301.9 keV (n,n') Level
Legendre Coefficients

55-Cs-122



55-Cs-122

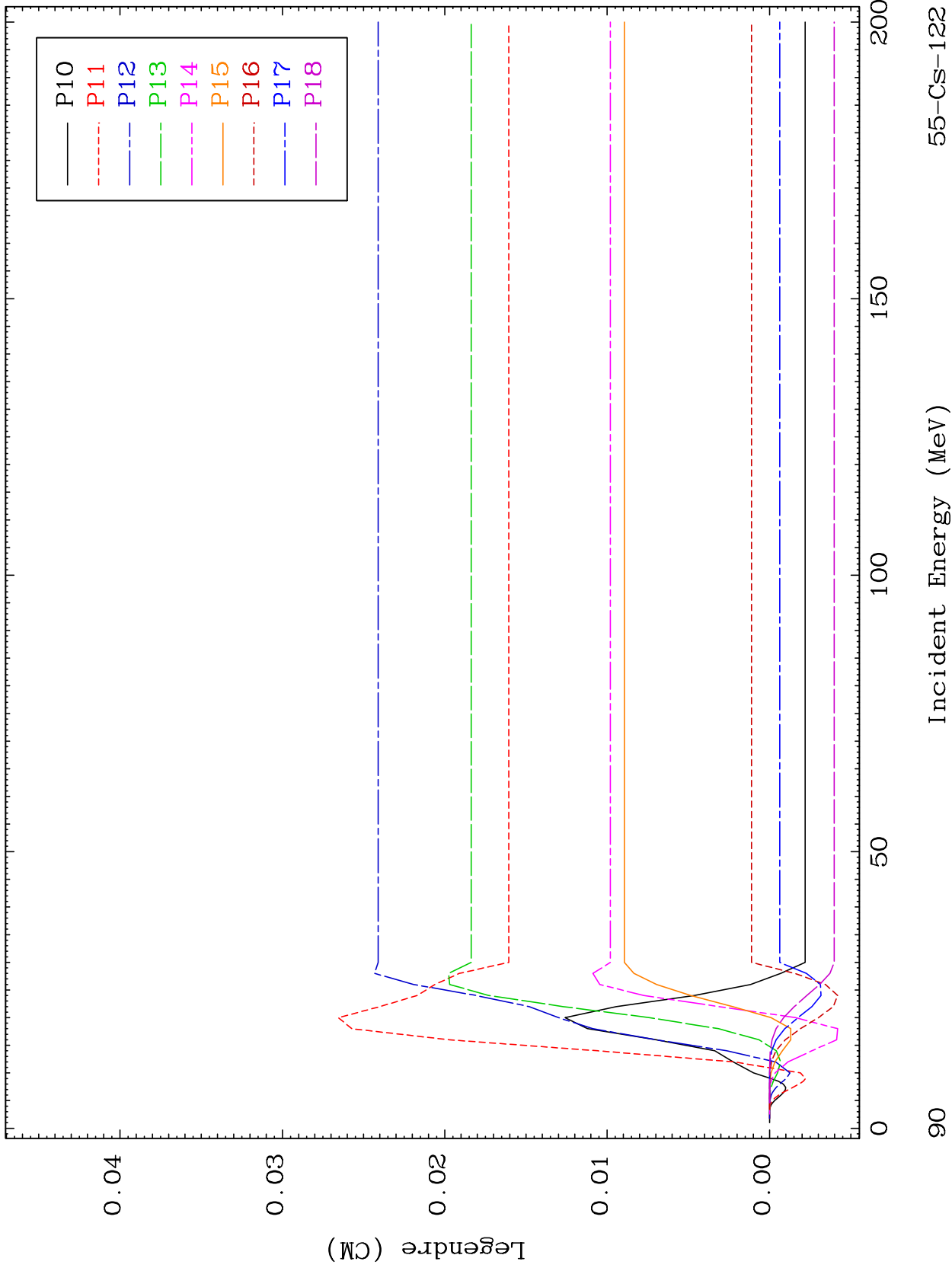
Incident Energy (MeV)

89

MAT 5492

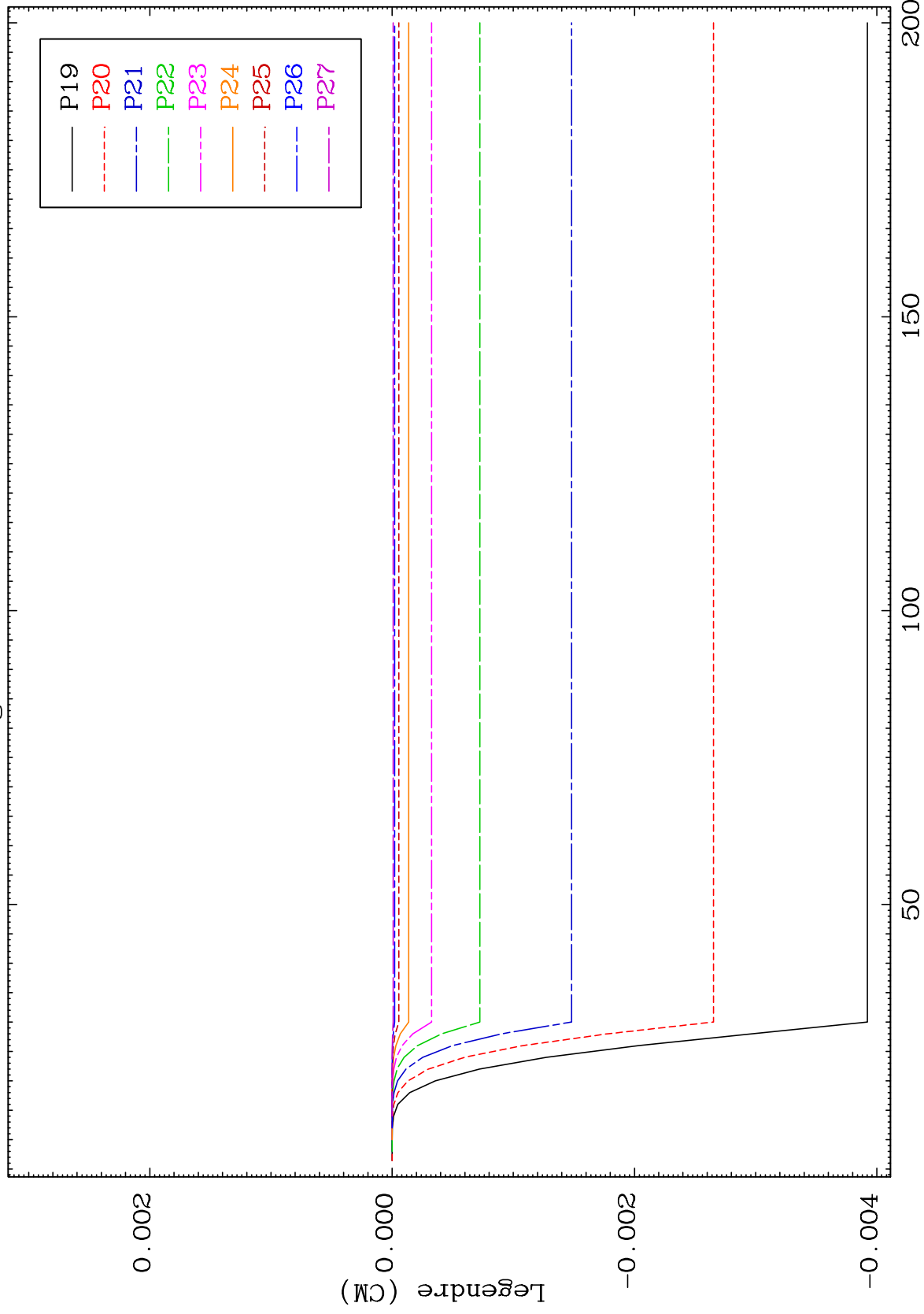
301.9 keV (n,n') Level
Legendre Coefficients

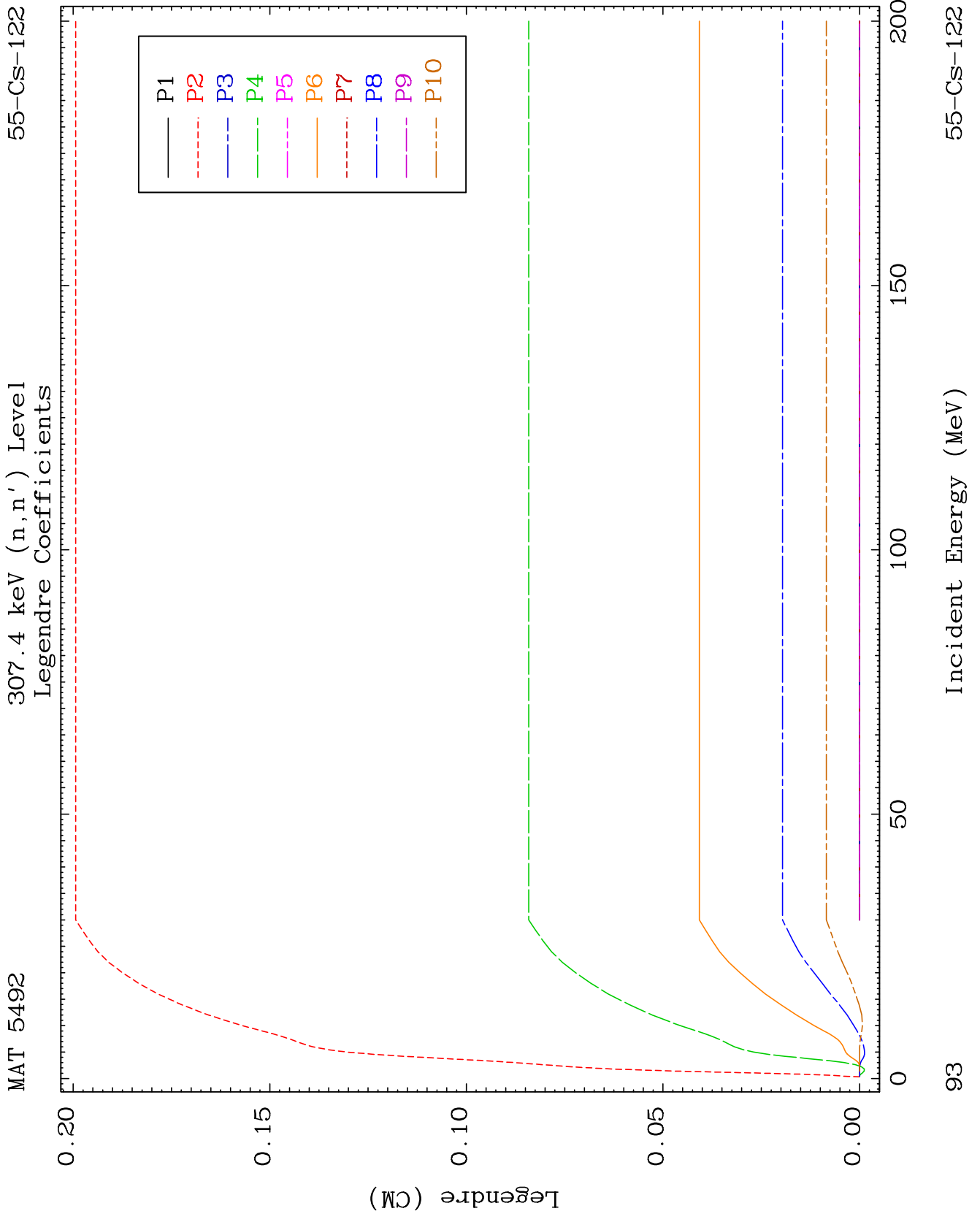
55-Cs-122



55-Cs-122

Incident Energy (MeV)

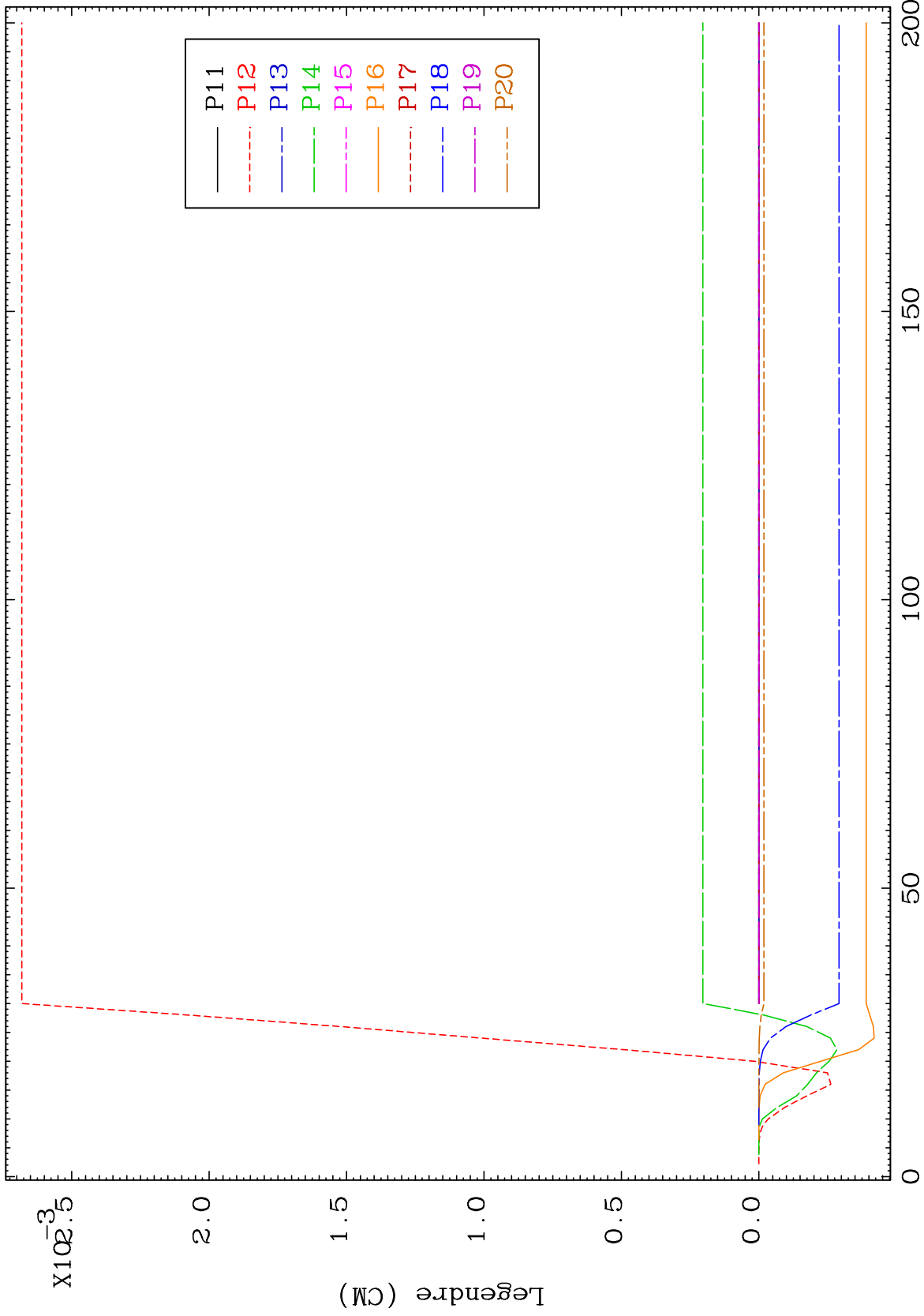




MAT 5492

307.4 keV (n, n') Level
Legendre Coefficients

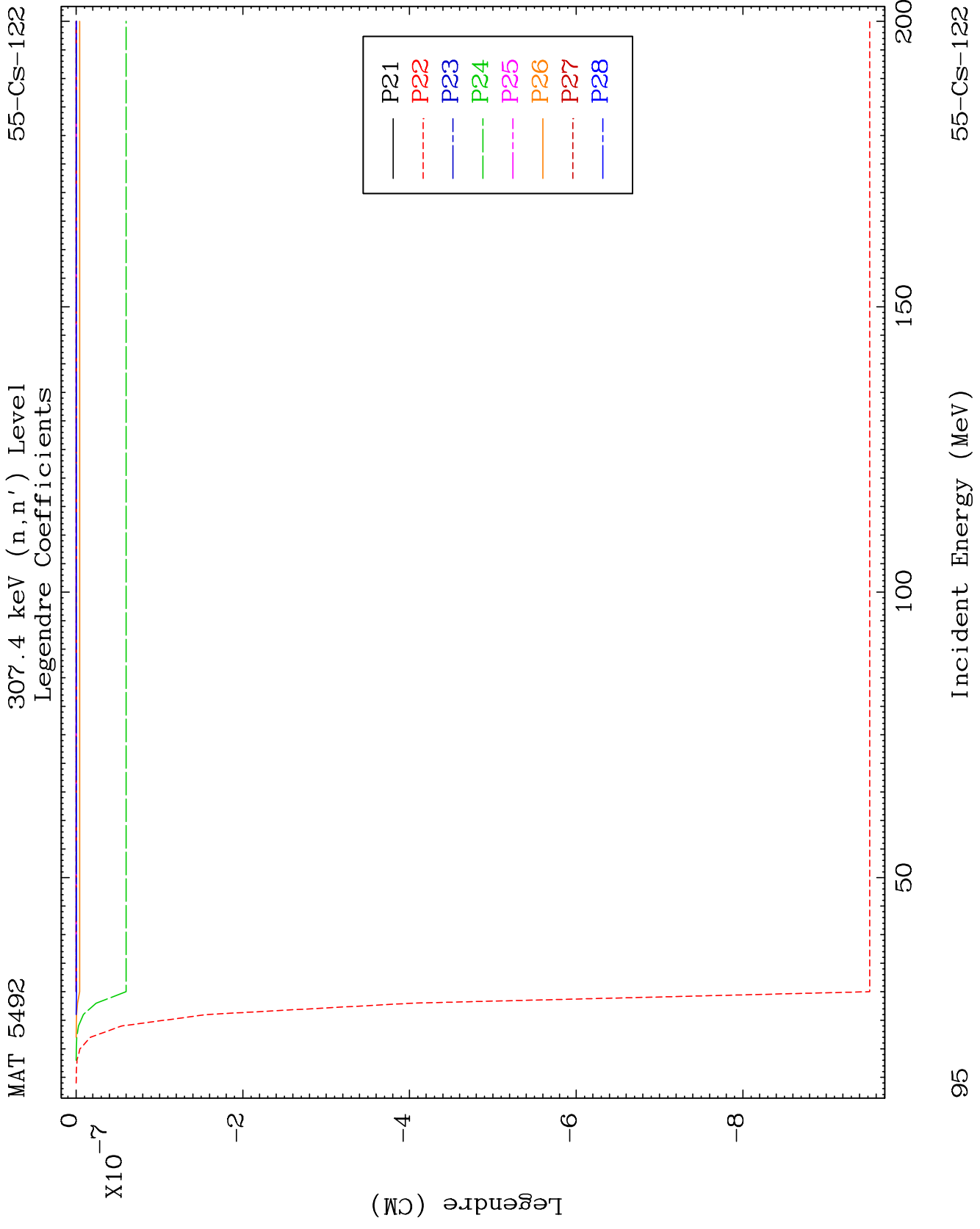
55-Cs-122



94

Incident Energy (MeV)

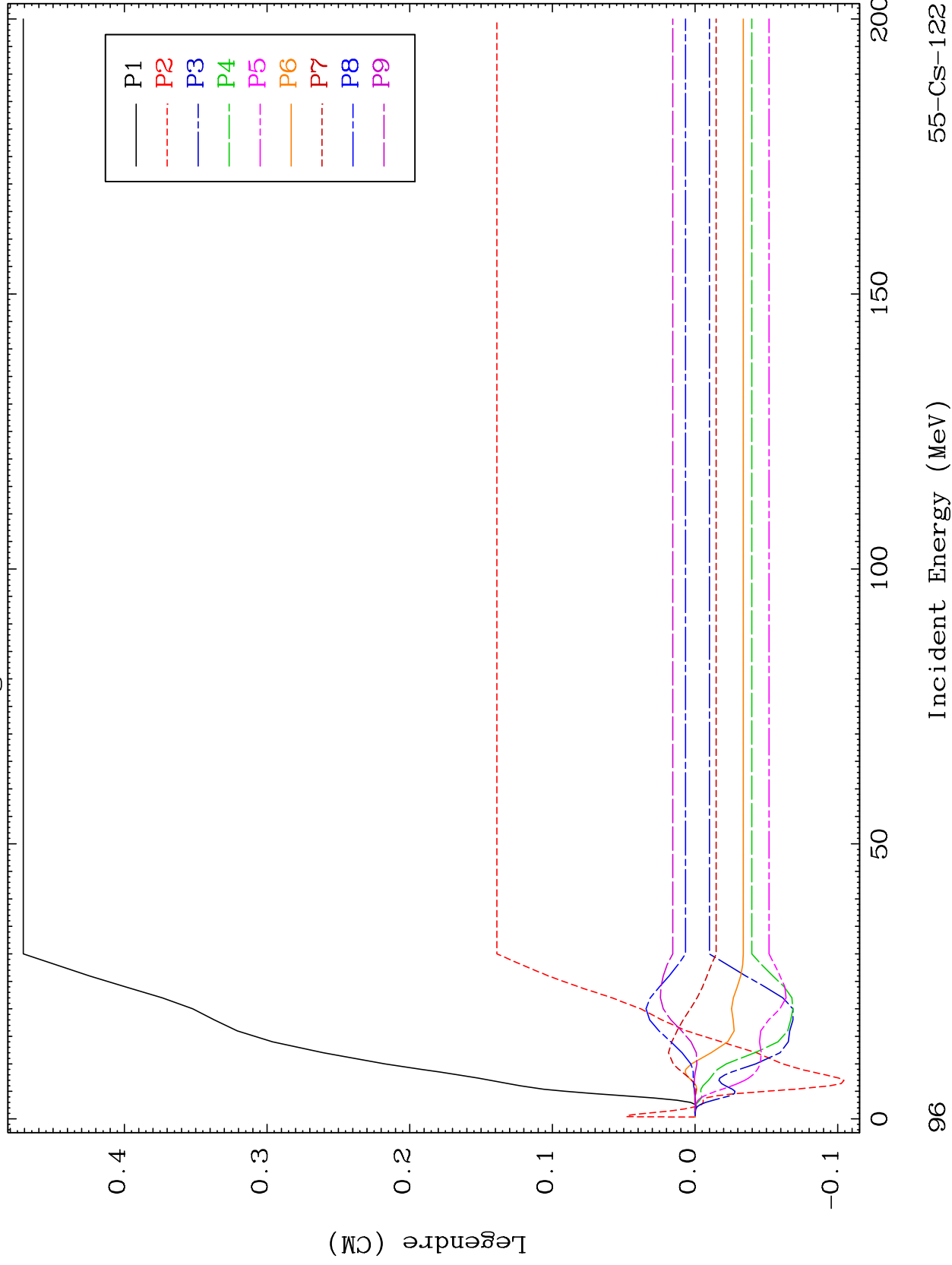
55-Cs-122



MAT 5492

319.9 keV (n,n') Level
Legendre Coefficients

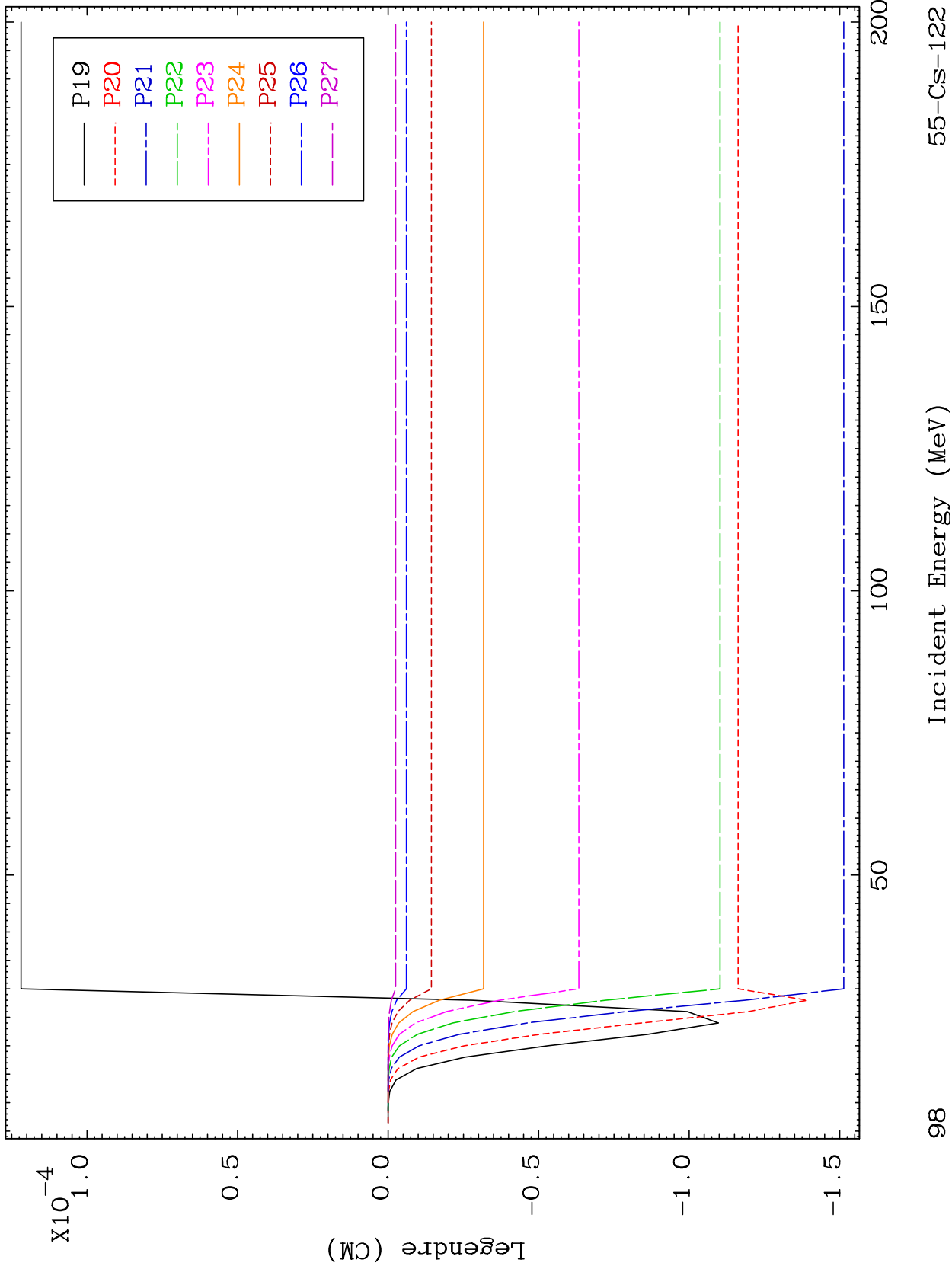
55-Cs-122

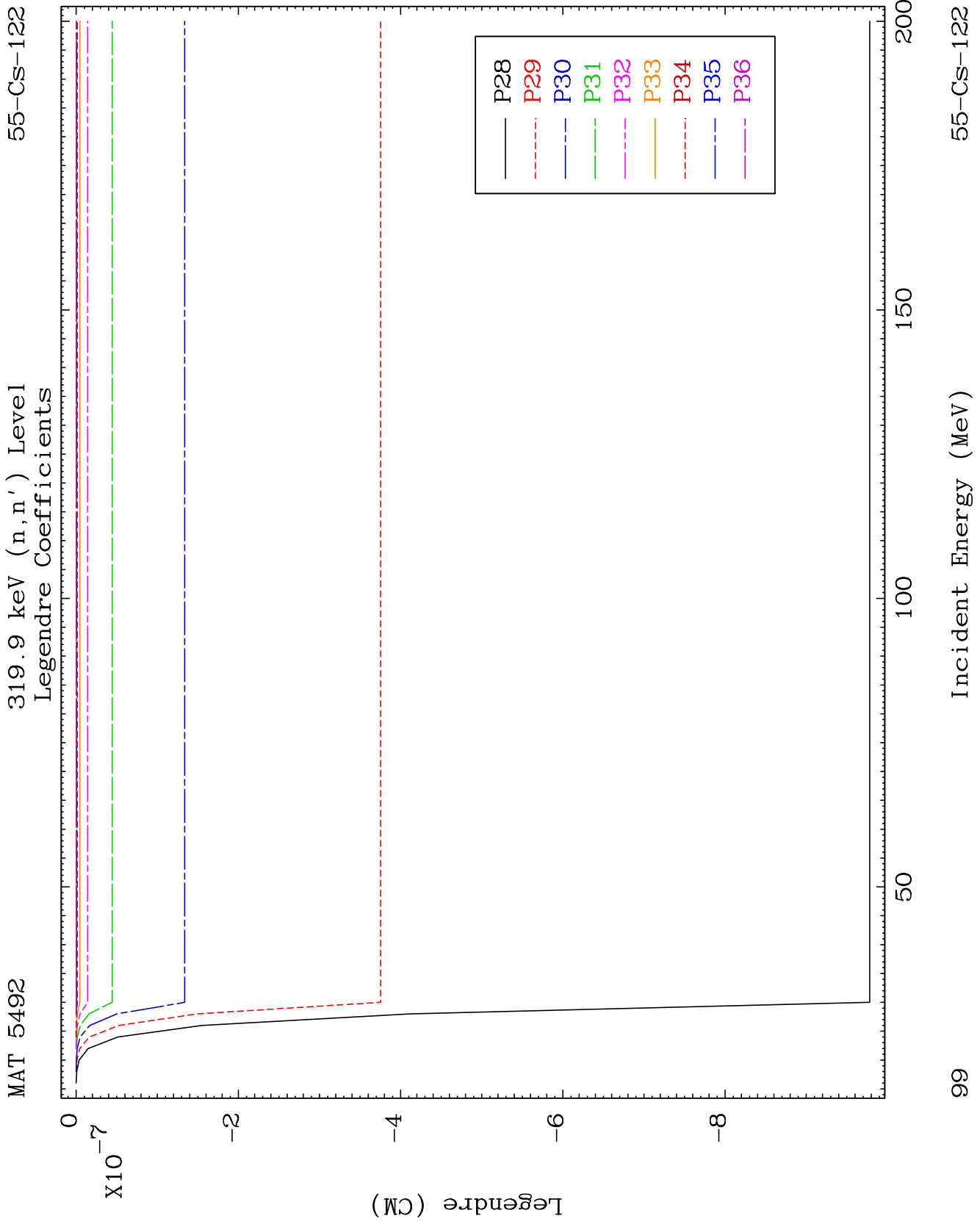


55-Cs-122

Incident Energy (MeV)

96

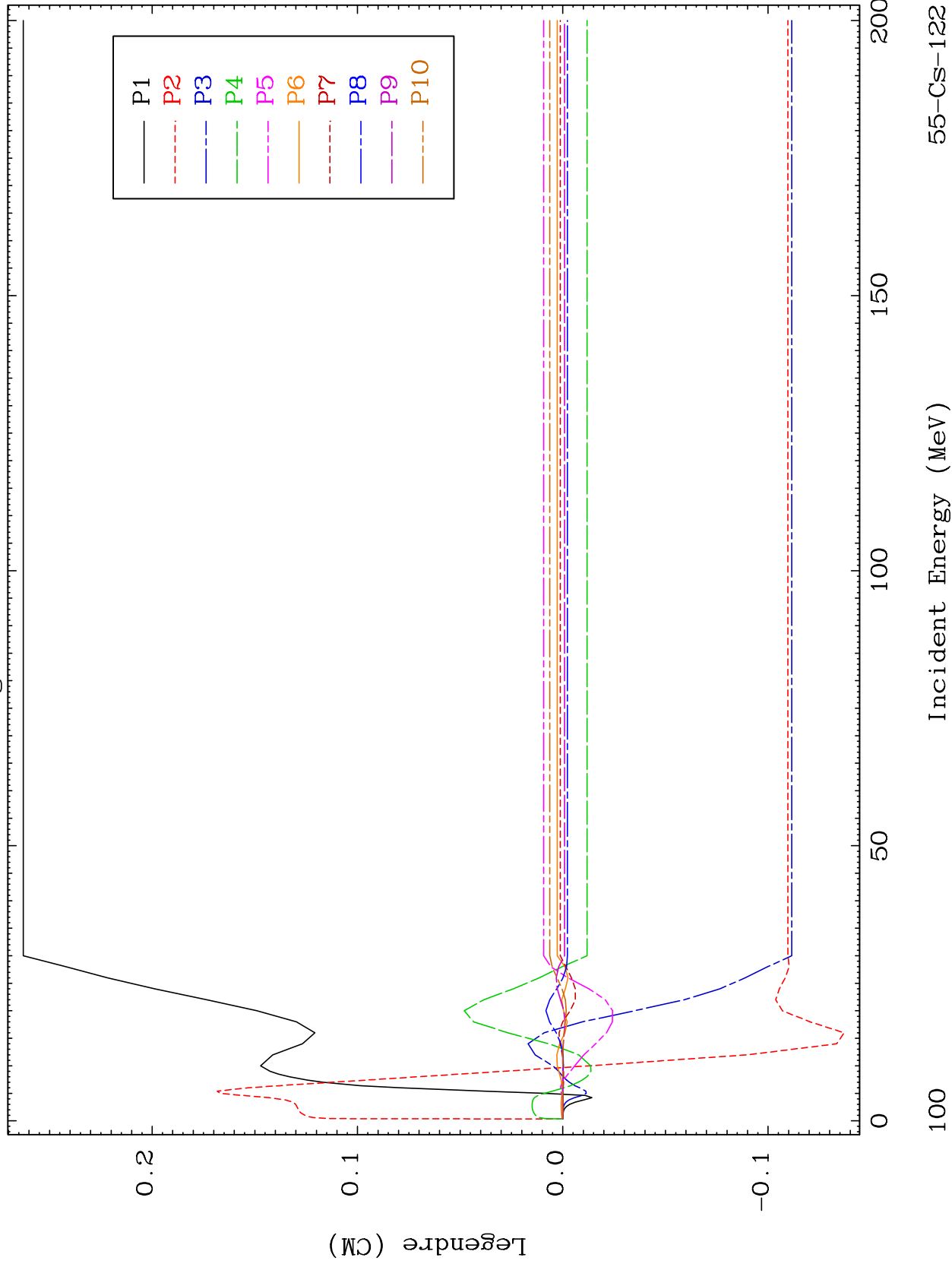




MAT 5492

323.8 keV (n,n') Level
Legendre Coefficients

55-Cs-122

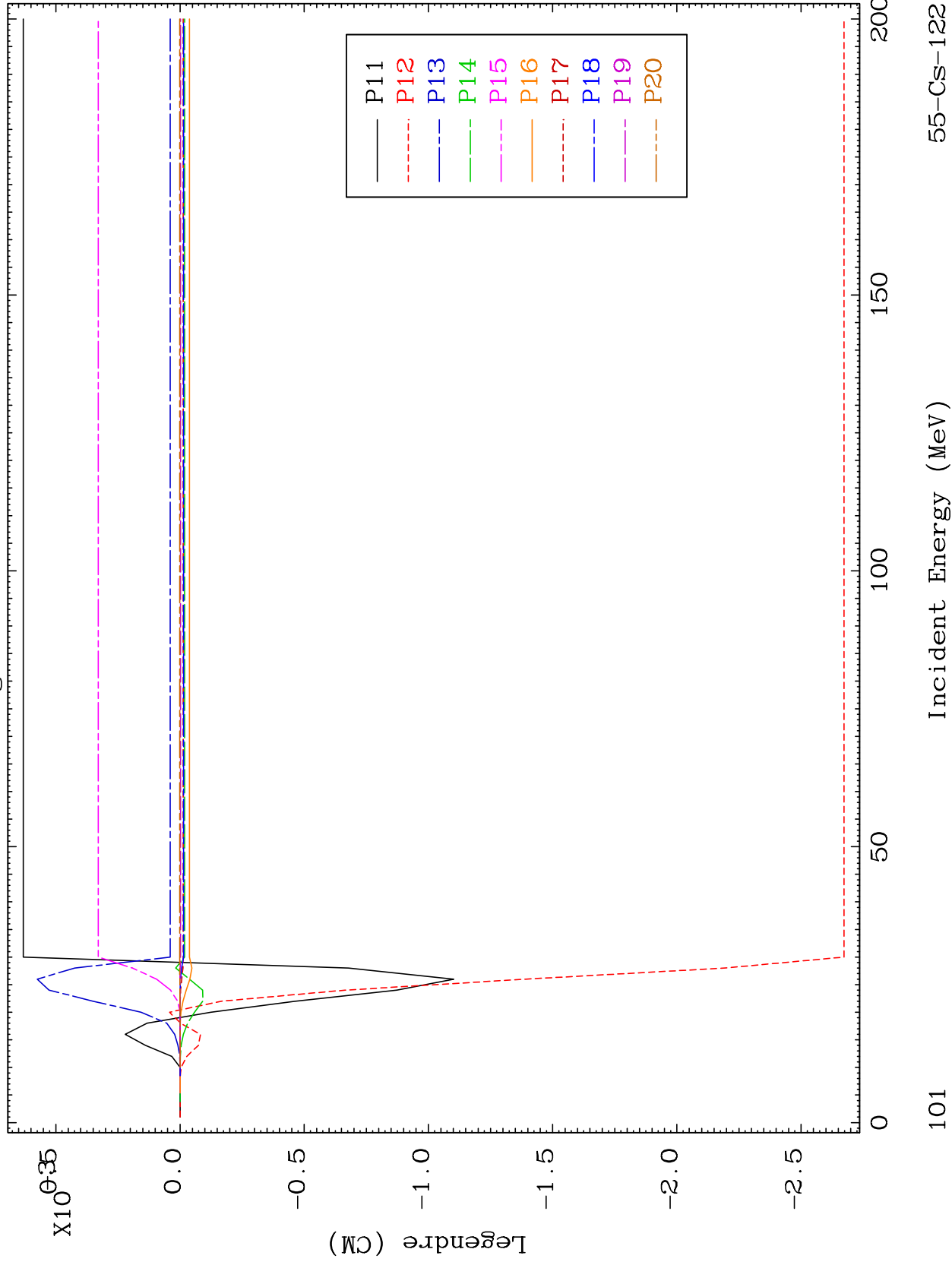


55-Cs-122

MAT 5492

323.8 keV (n,n') Level
Legendre Coefficients

55-Cs-122



101

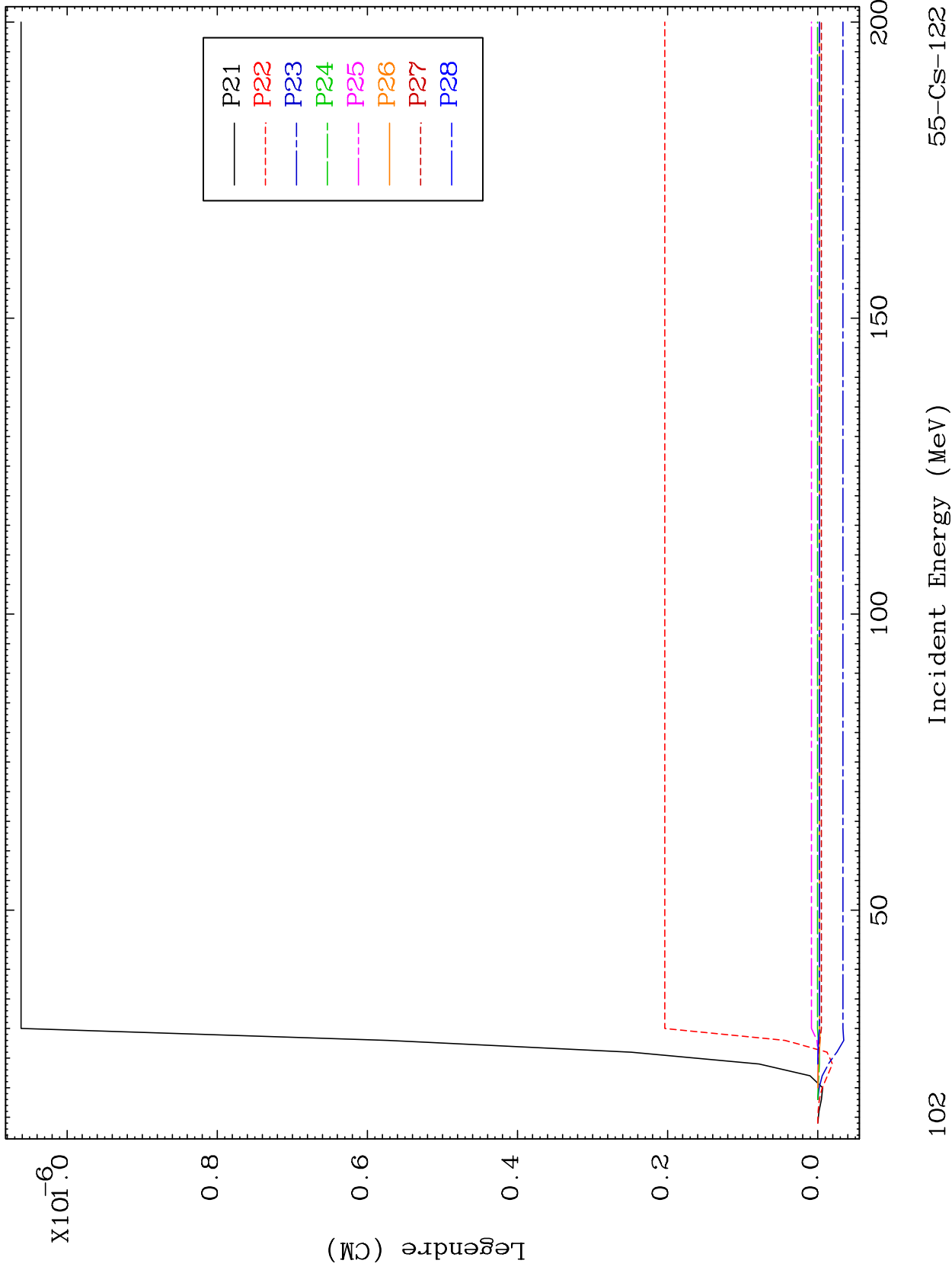
Incident Energy (MeV)

55-Cs-122

MAT 5492

323.8 keV (n,n') Level
Legendre Coefficients

55-Cs-122



55-Cs-122

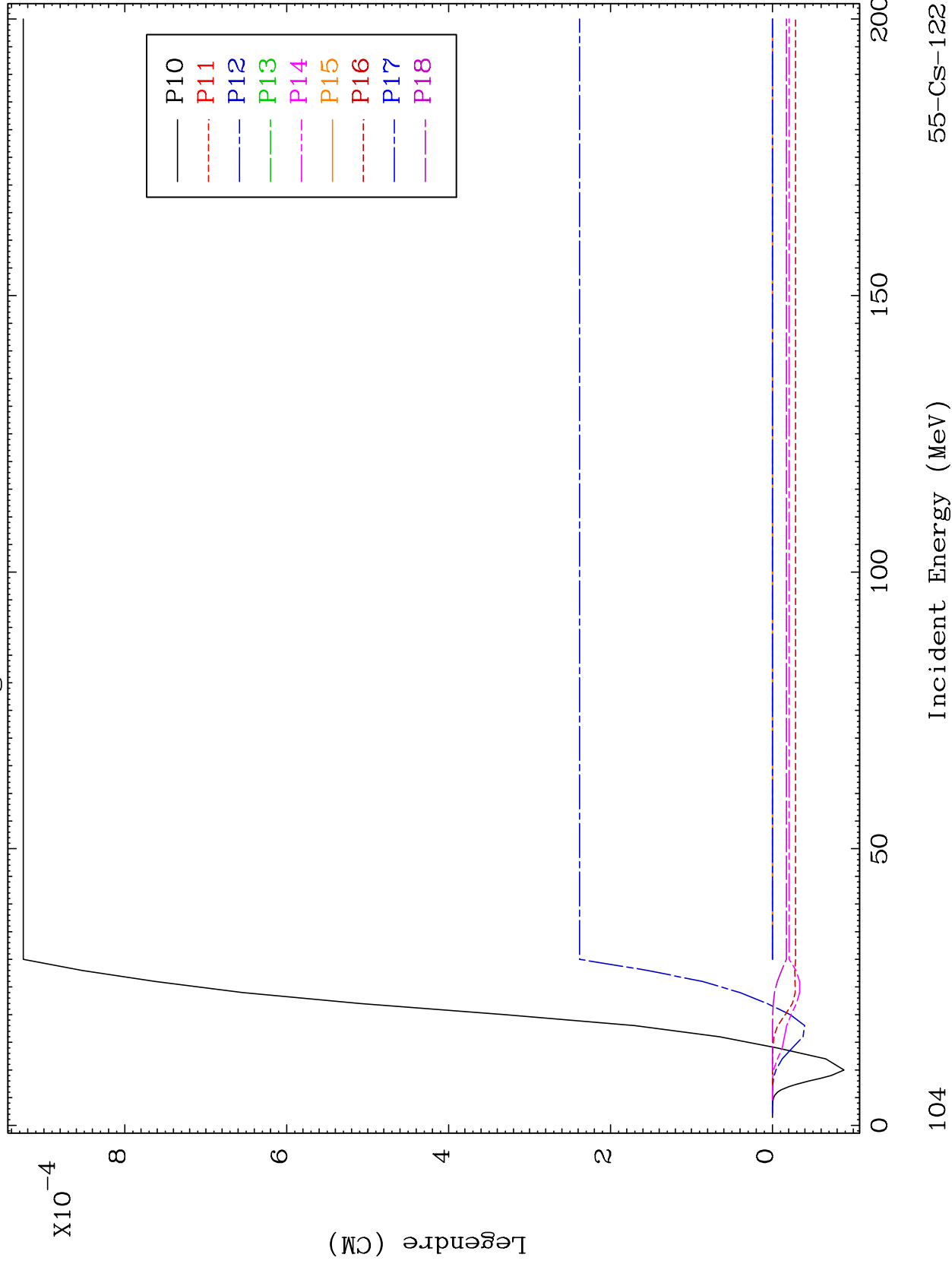
Incident Energy (MeV)

102

MAT 5492

332.9 keV (n,n') Level
Legendre Coefficients

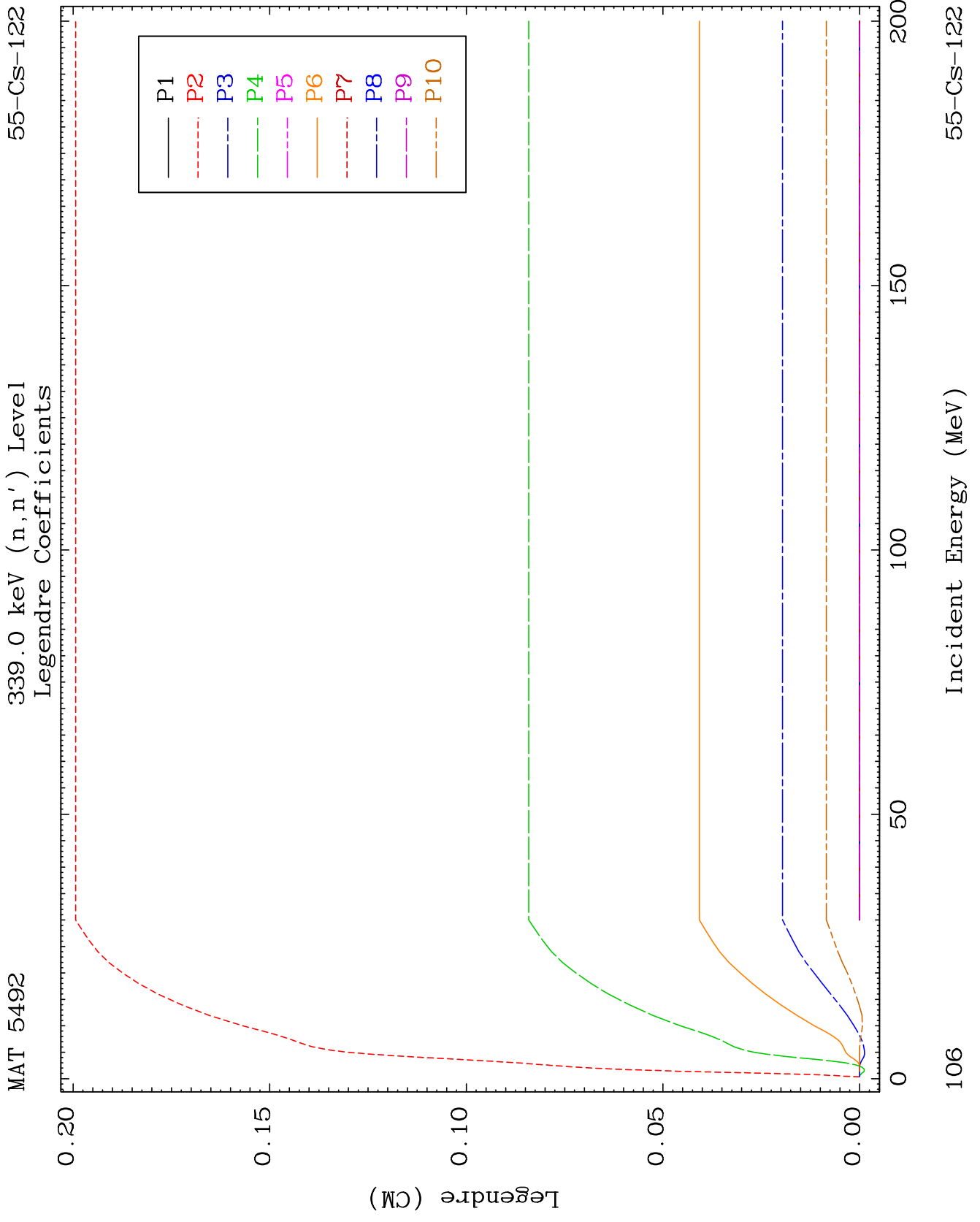
55-Cs-122

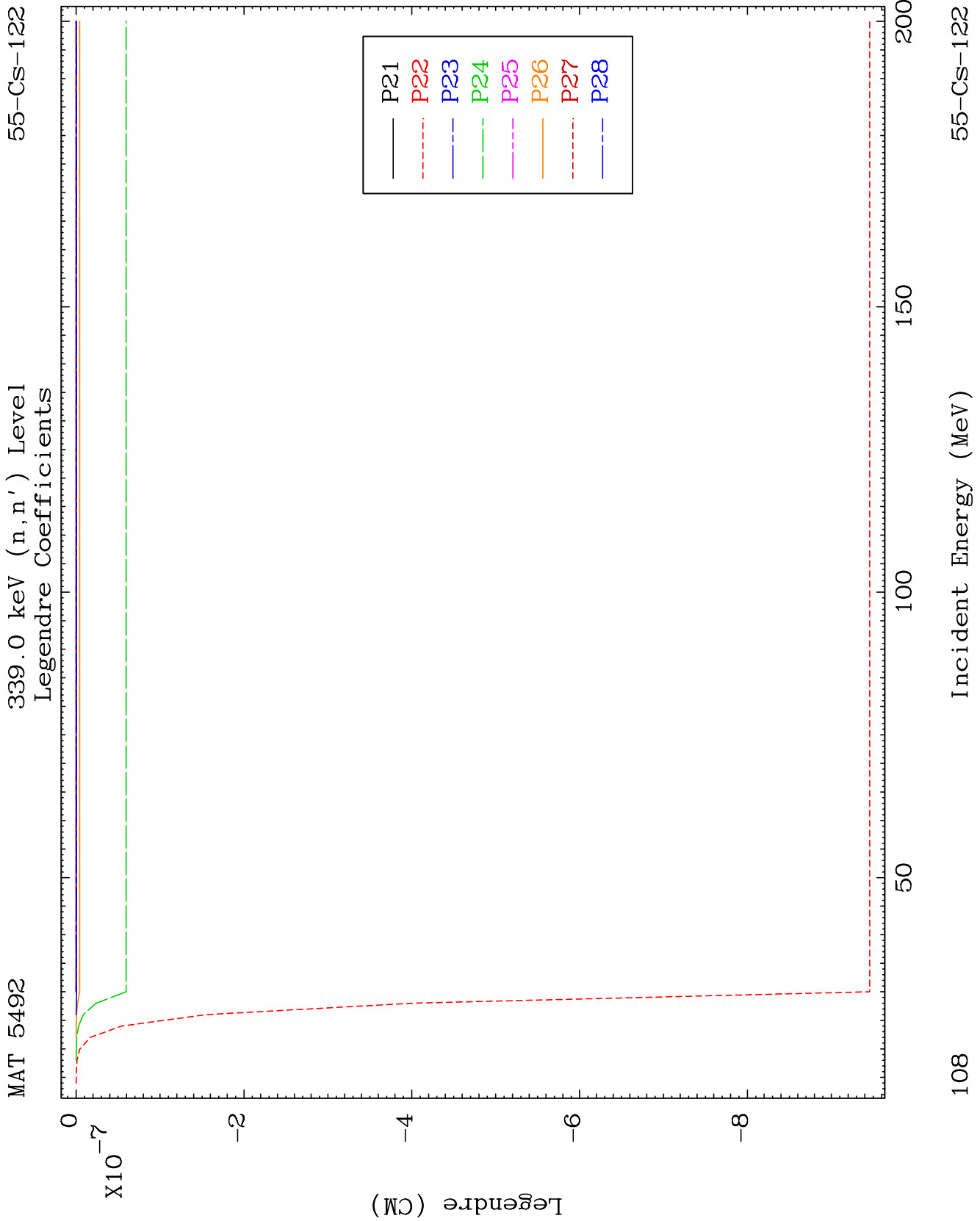


104

Incident Energy (MeV)

55-Cs-122

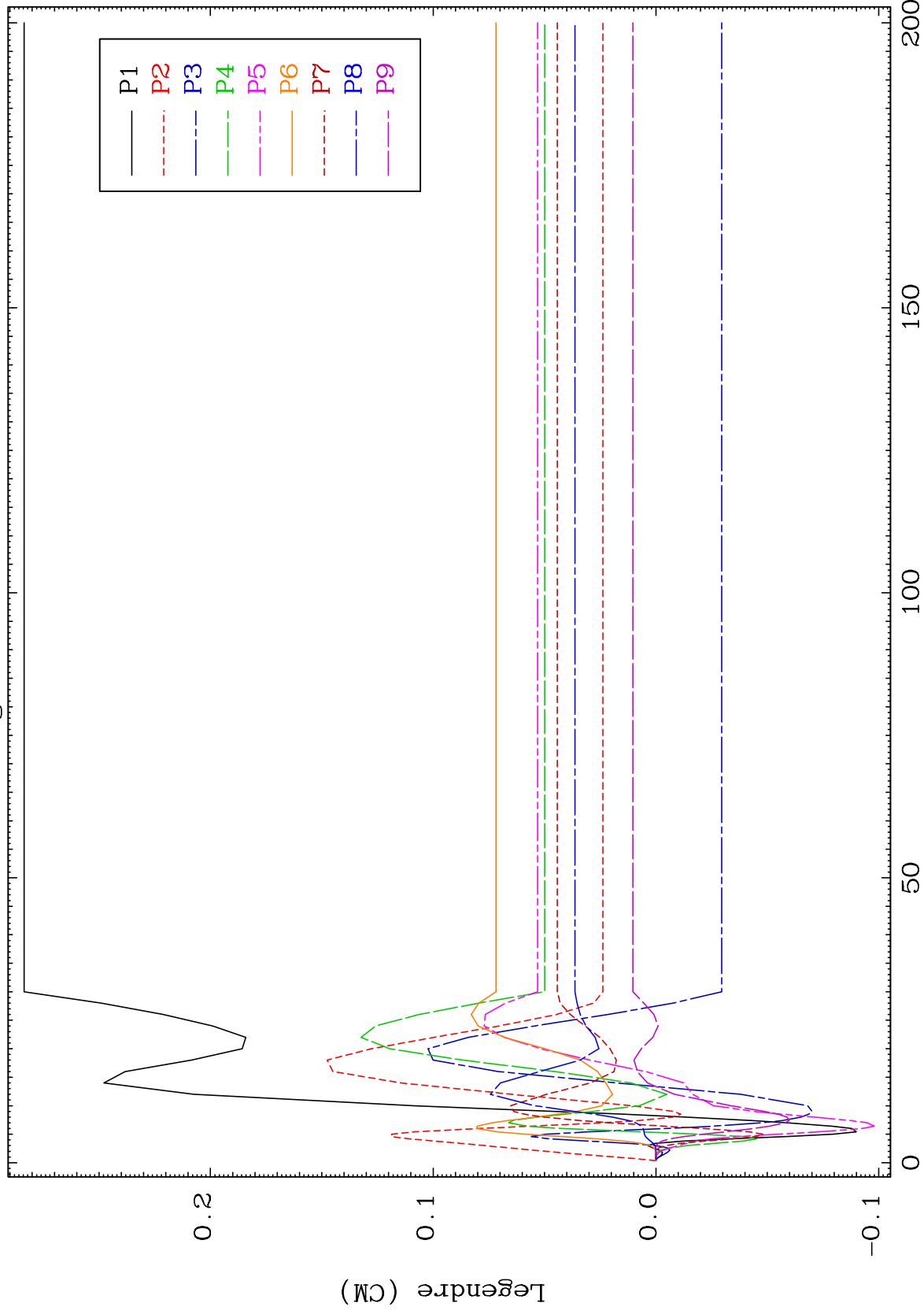




MAT 5492

350.2 keV (n,n') Level
Legendre Coefficients

55-Cs-122



55-Cs-122

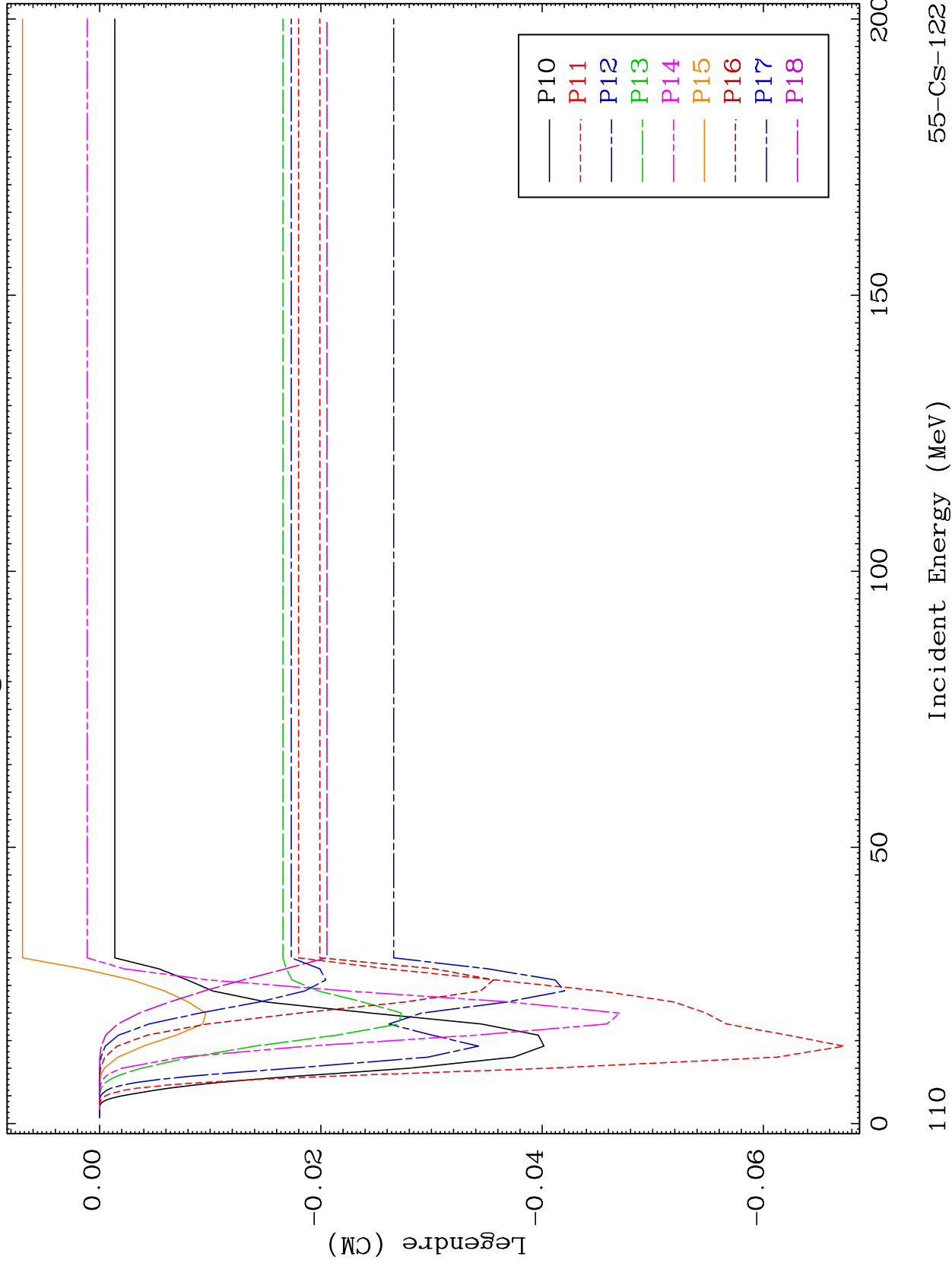
Incident Energy (MeV)

109

MAT 5492

350.2 keV (n,n') Level
Legendre Coefficients

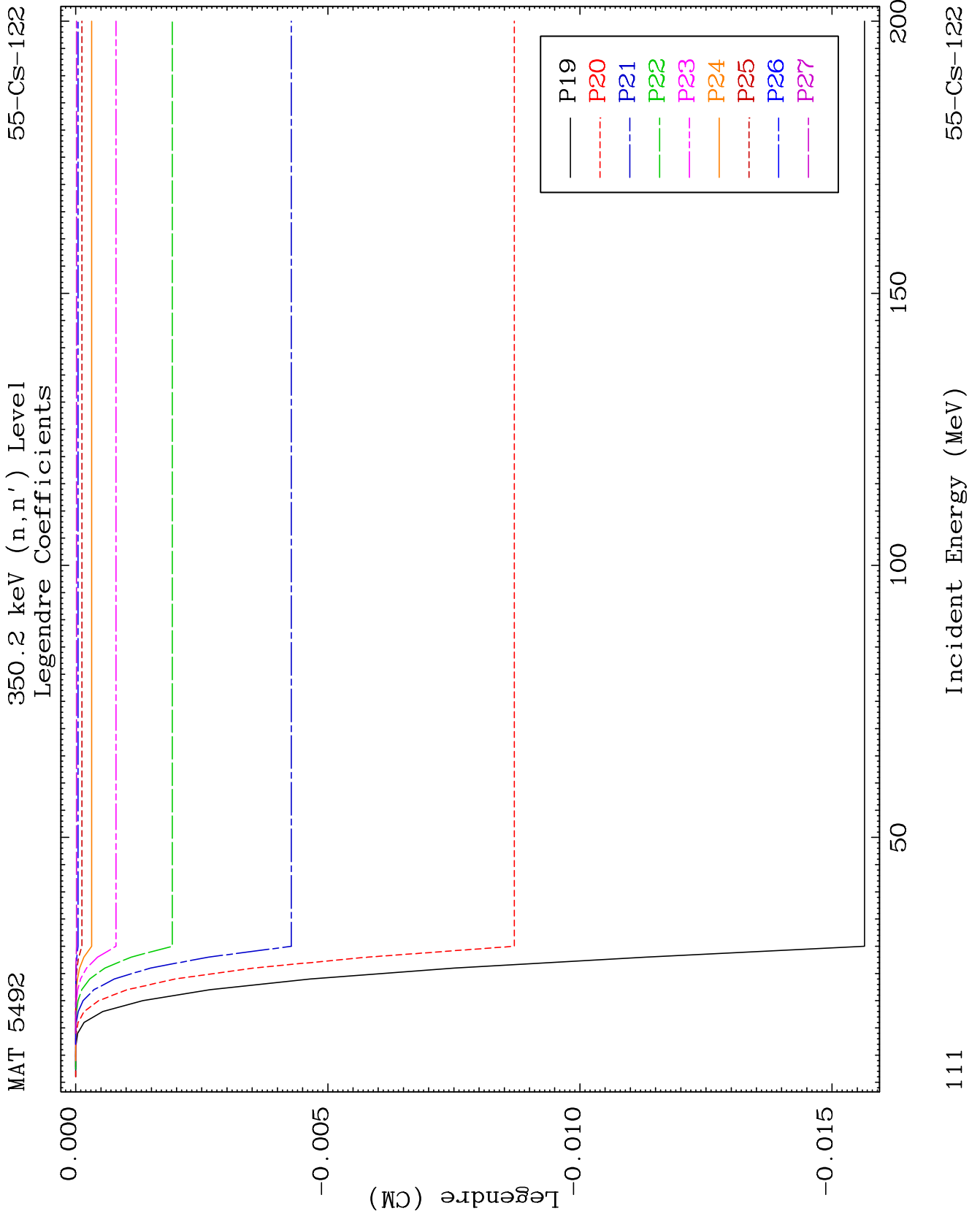
55-Cs-122

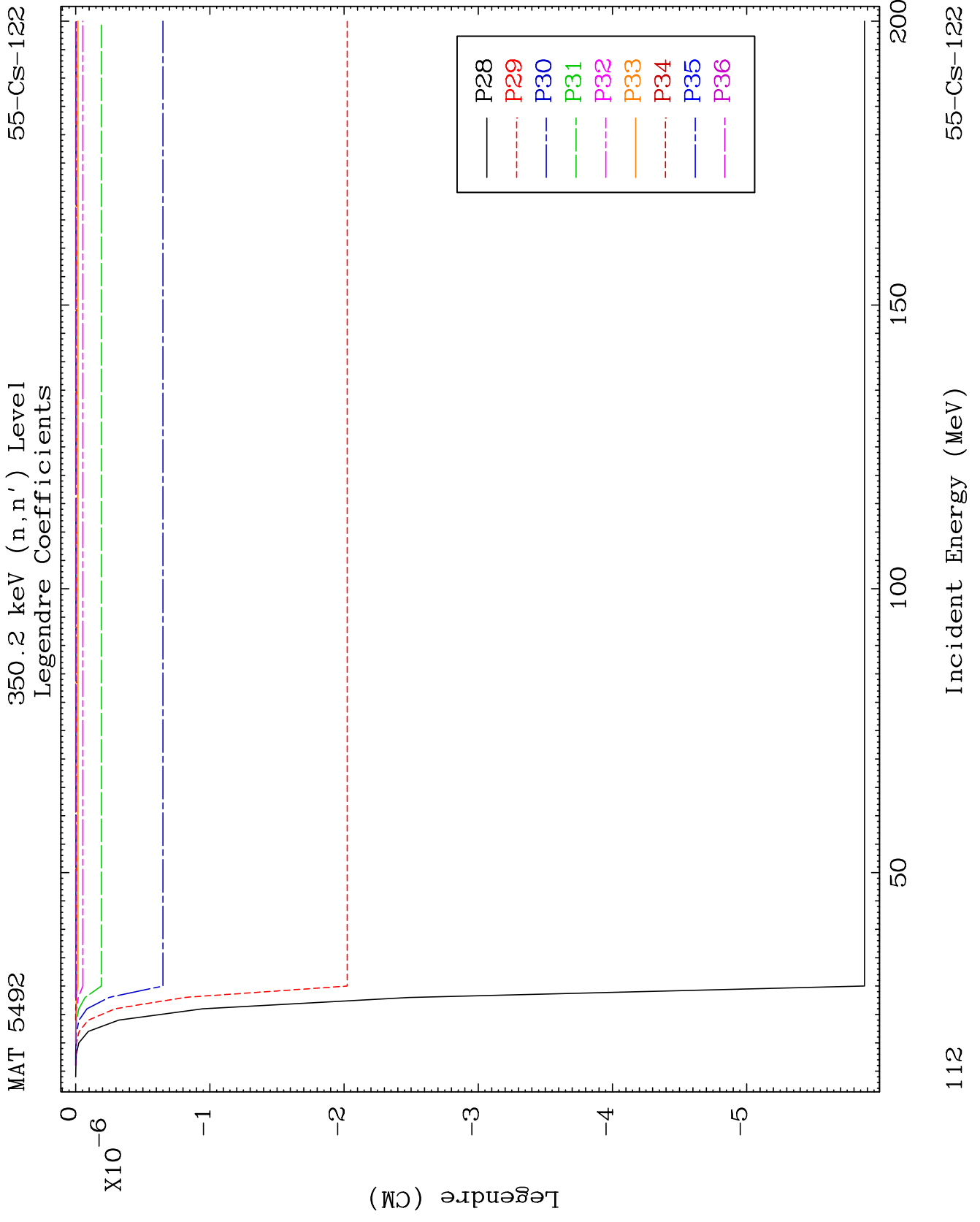


55-Cs-122

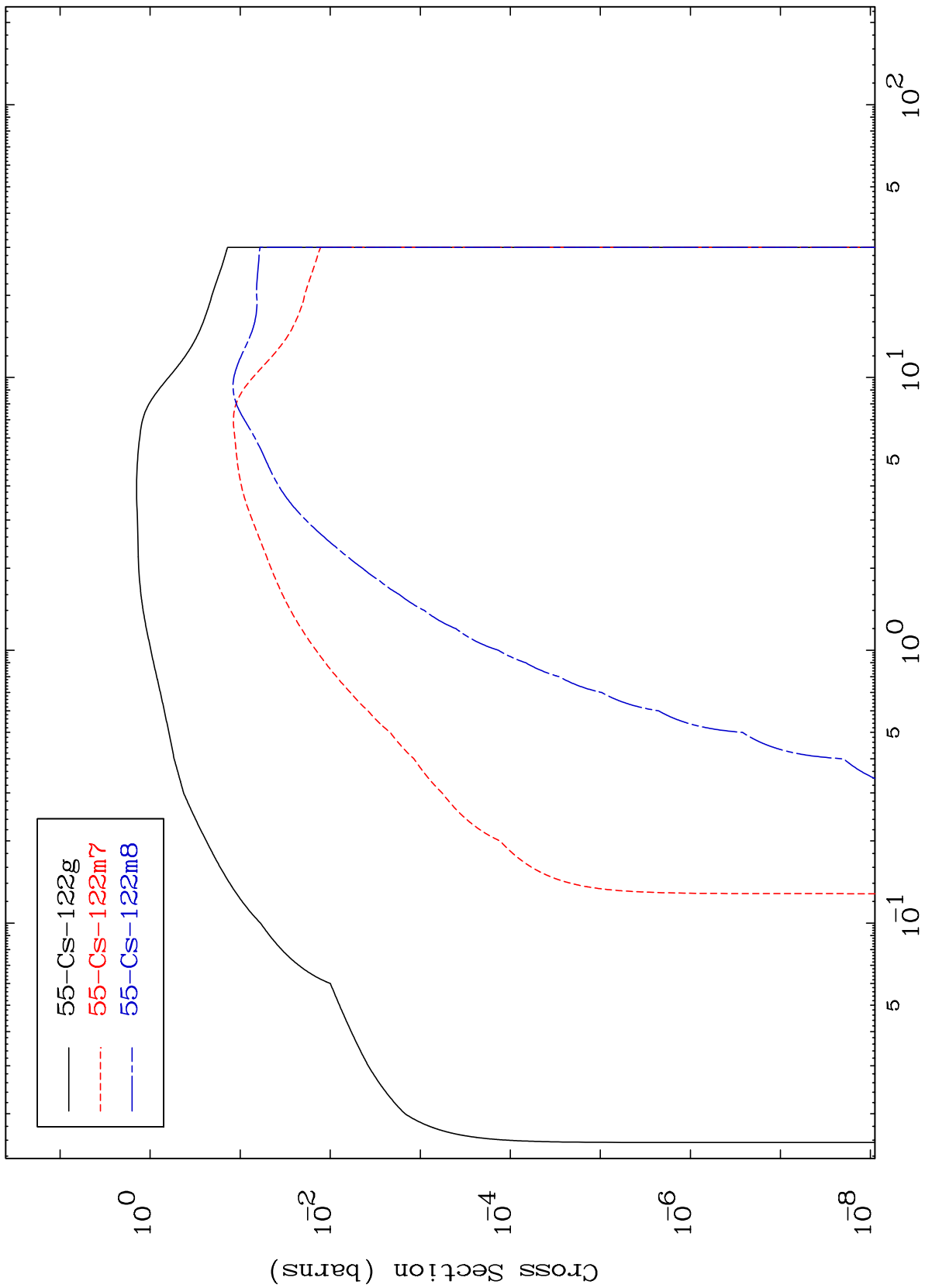
Incident Energy (MeV)

110





Inelastic
Radionuclide Production Cross Section



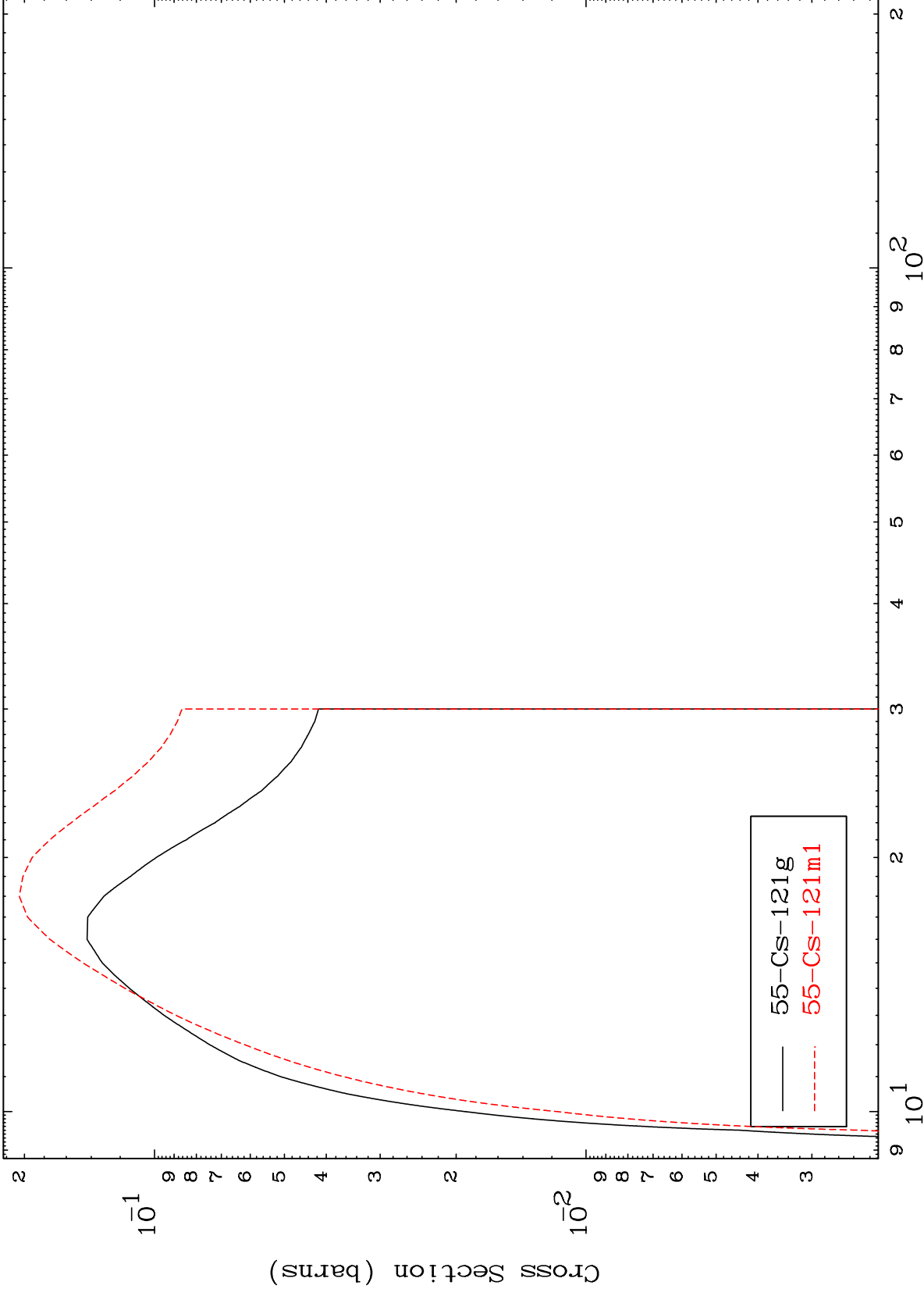
55-Cs-122g
55-Cs-122m7
55-Cs-122m8

MAT 5492

(n,2n)

55-Cs-122

Radionuclide Production Cross Section



114

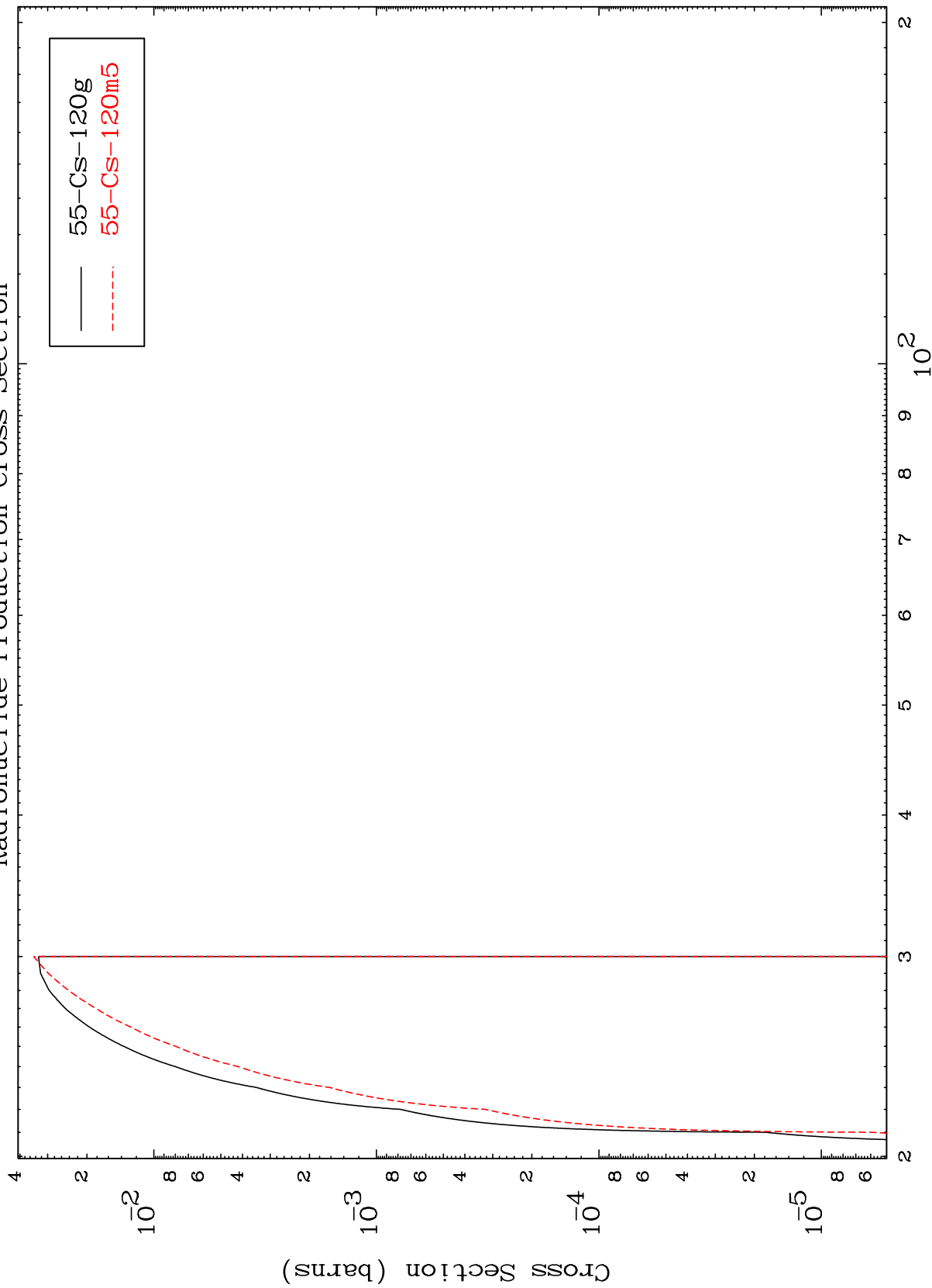
Incident Energy (MeV)

55-Cs-122

MAT 5492

55-Cs-122

(n,3n)
Radionuclide Production Cross Section



115

55-Cs-122

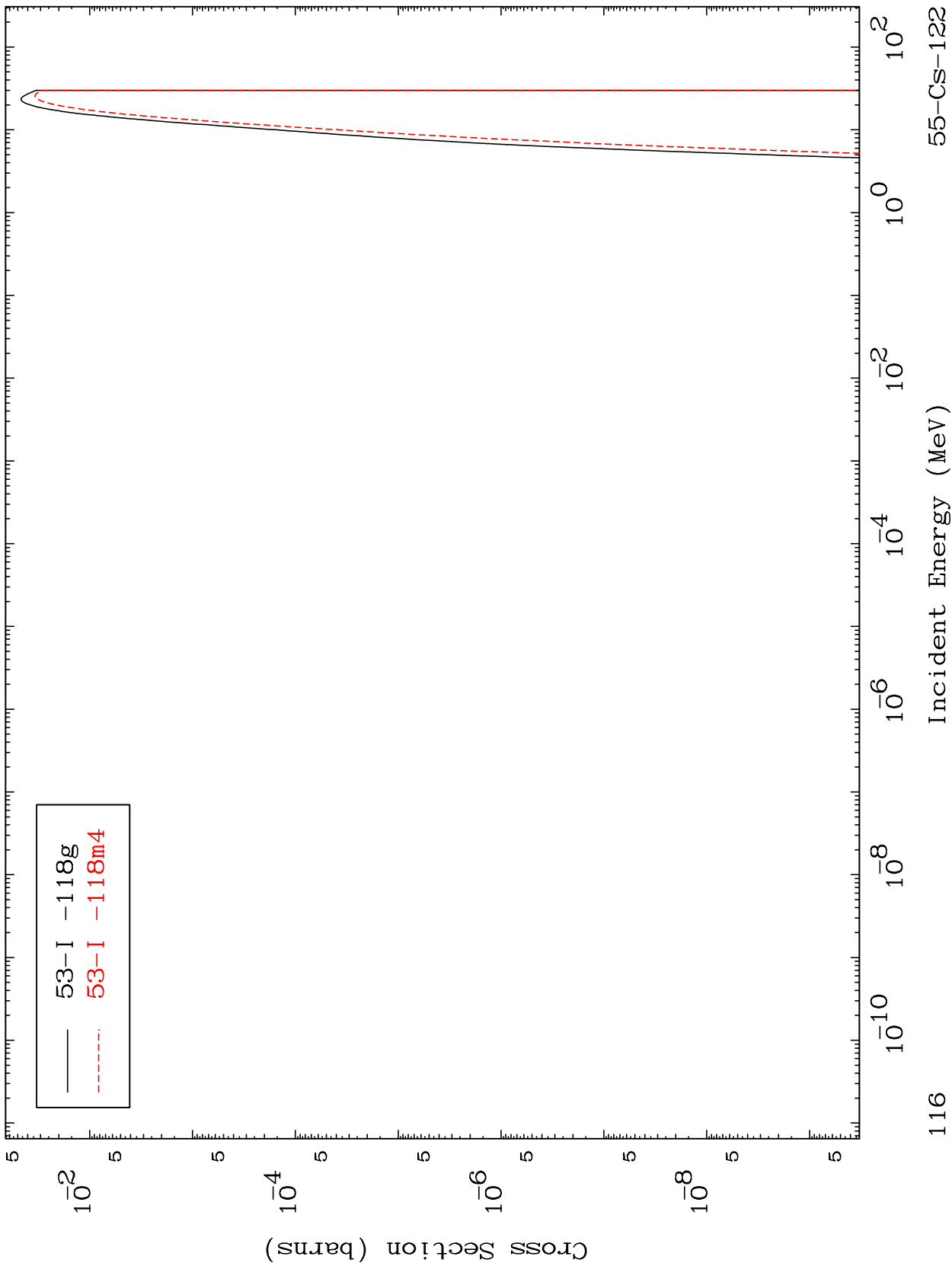
Incident Energy (MeV)

MAT 5492

(n,n') α

55-Cs-122

Radionuclide Production Cross Section



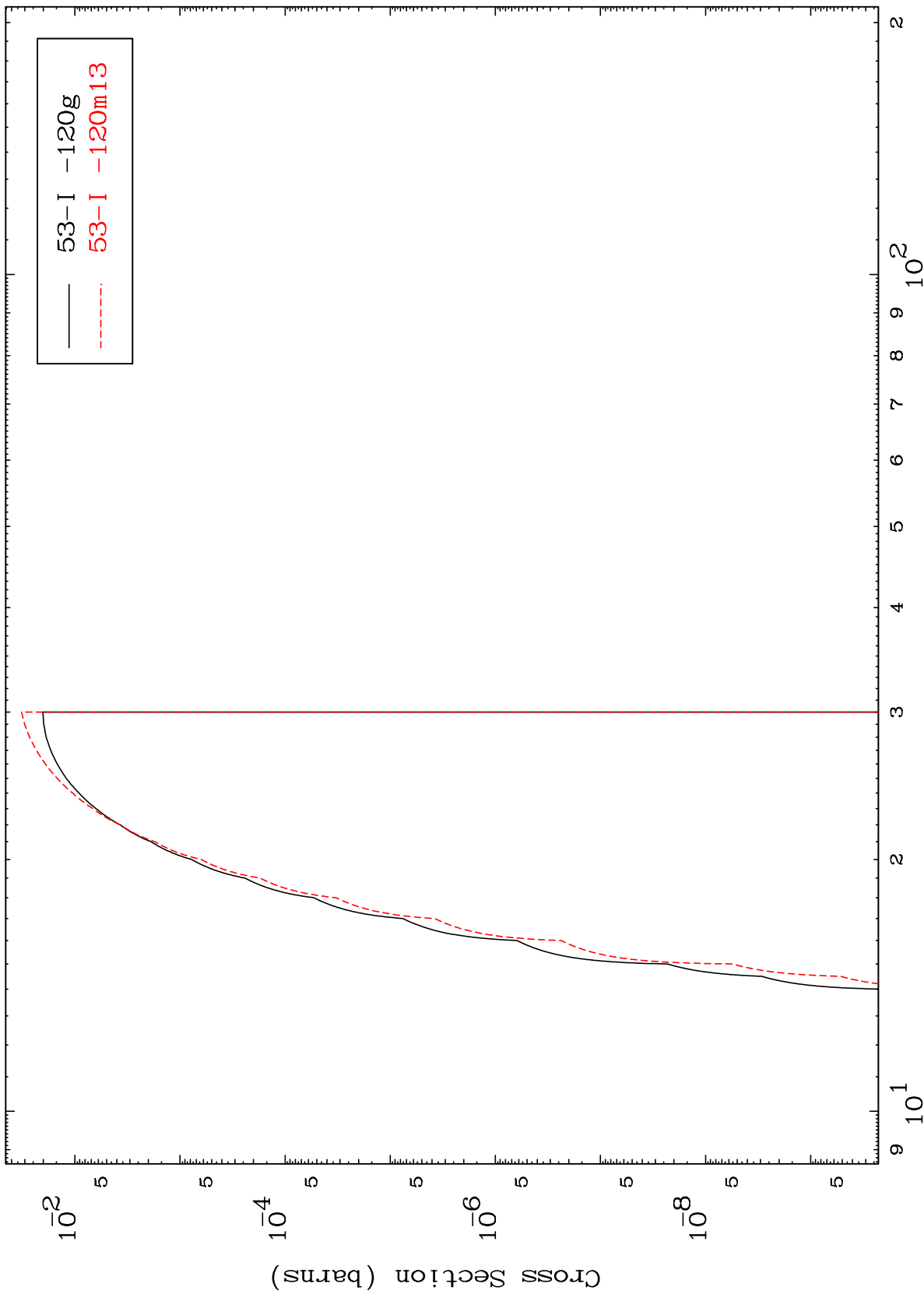
53-I -118g
53-I -118m4

MAT 5492

(n,2n) p

55-Cs-122

Radionuclide Production Cross Section



117

Incident Energy (MeV)

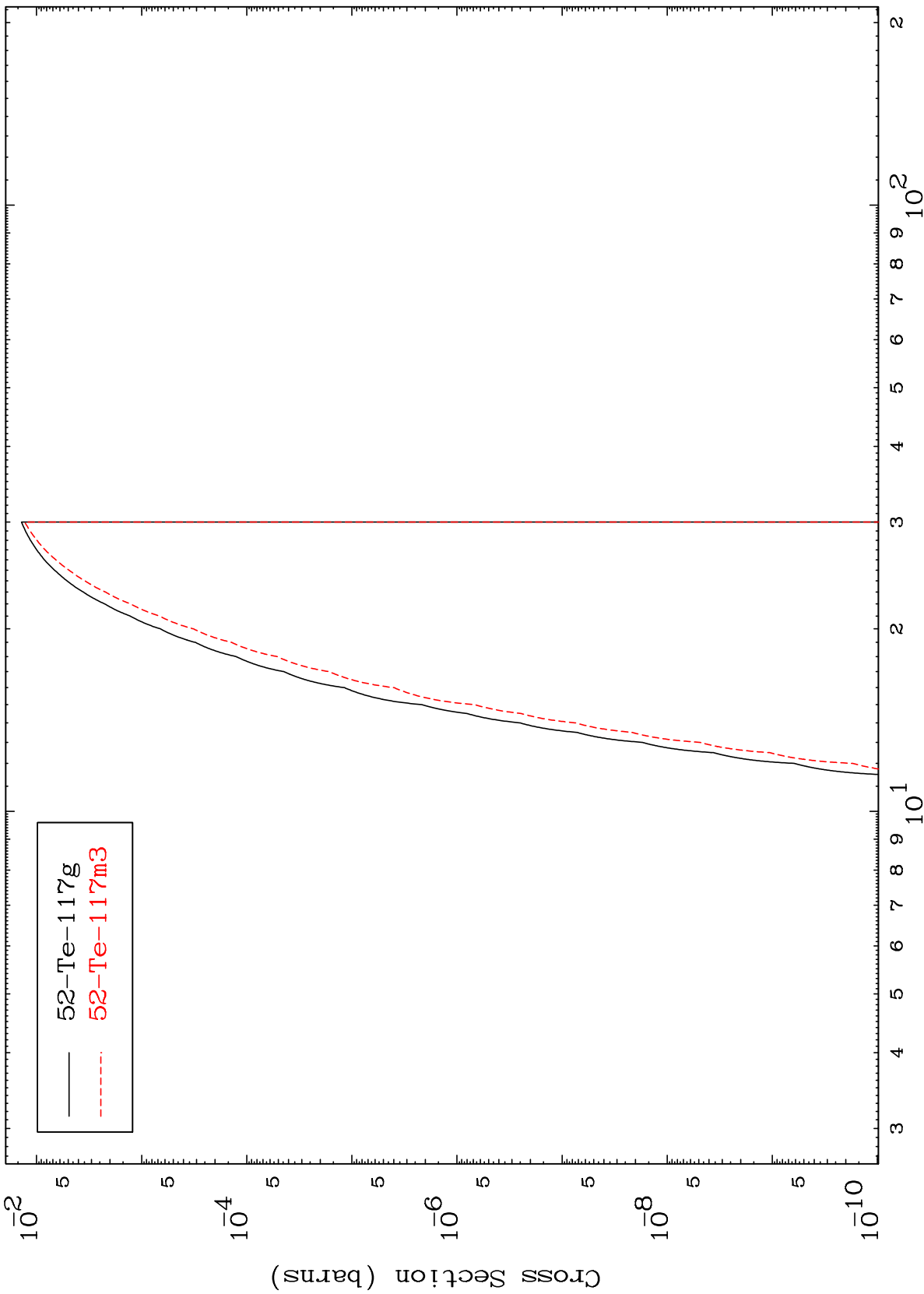
55-Cs-122

MAT 5492

(n,n') p α

55-Cs-122

Radionuclide Production Cross Section



— 52-Te-117g
- - - 52-Te-117m3

118

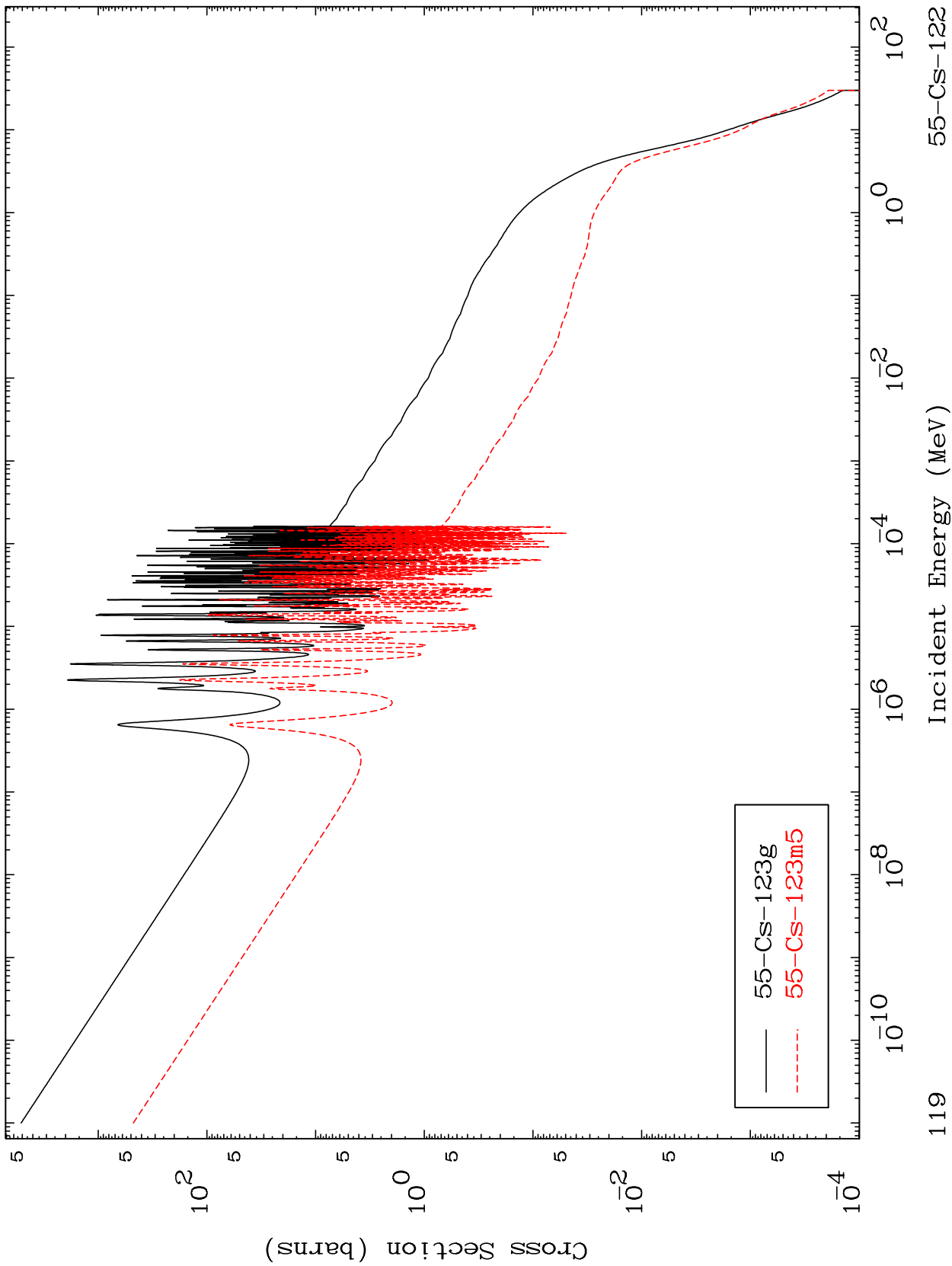
Incident Energy (MeV)

55-Cs-122

MAT 5492

55-Cs-122

(n, γ)
Radionuclide Production Cross Section

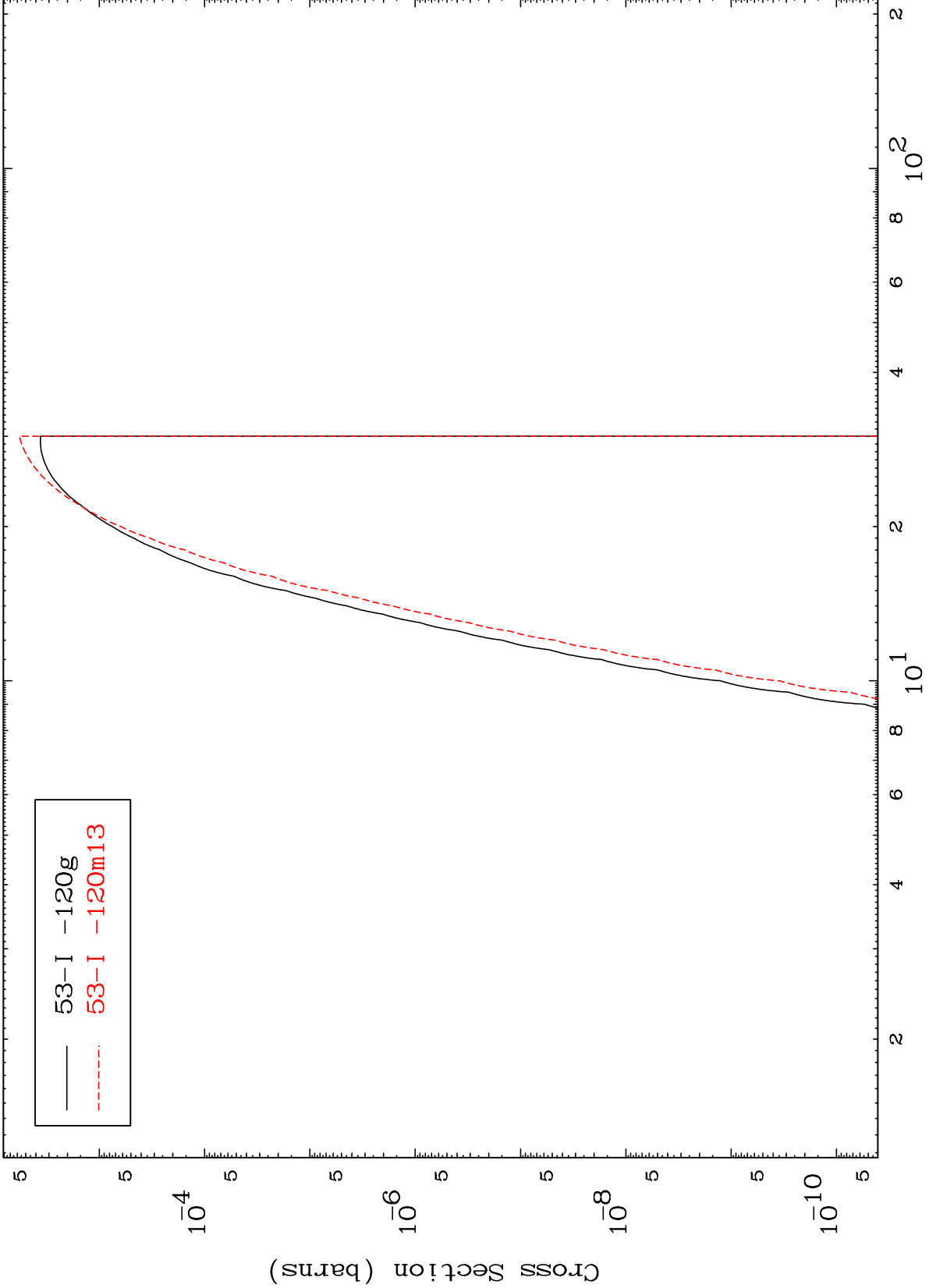


MAT 5492

(n,He-3)

55-Cs-122

Radionuclide Production Cross Section



53-I -120g
53-I -120m13

120

Incident Energy (MeV)

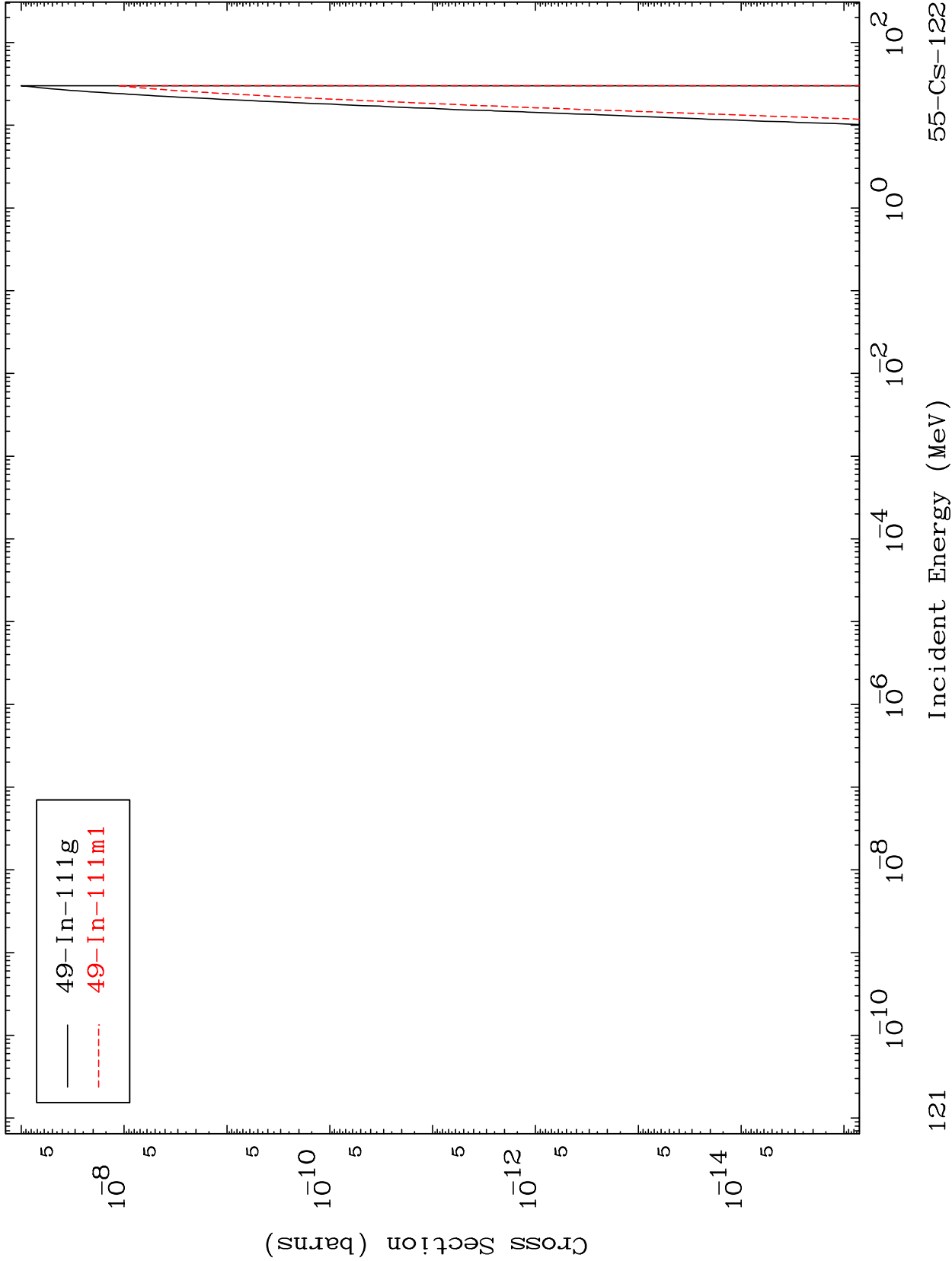
55-Cs-122

MAT 5492

(n,3α)

55-Cs-122

Radionuclide Production Cross Section

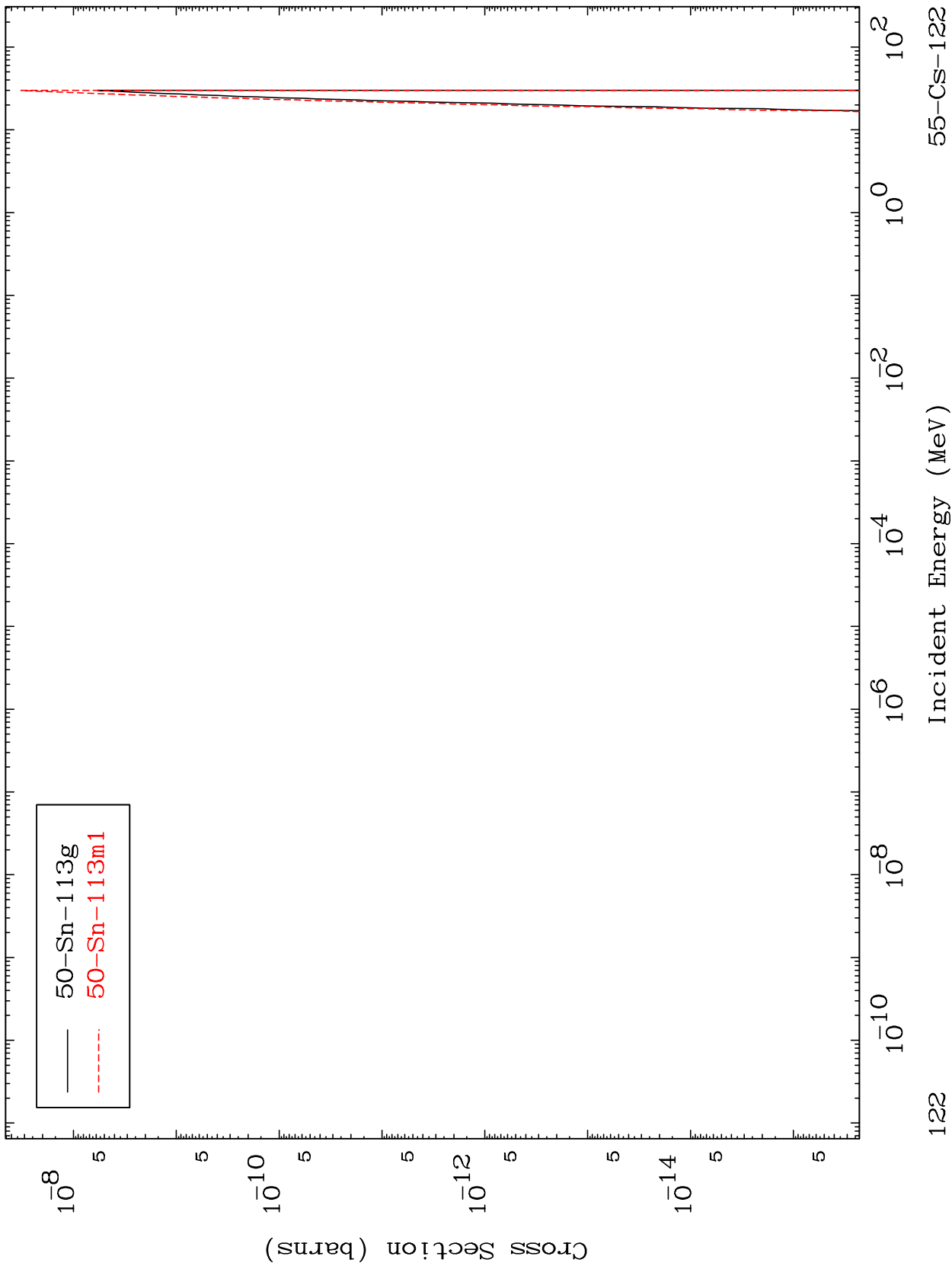


MAT 5492

(n,d) 2 α

55-Cs-122

Radionuclide Production Cross Section



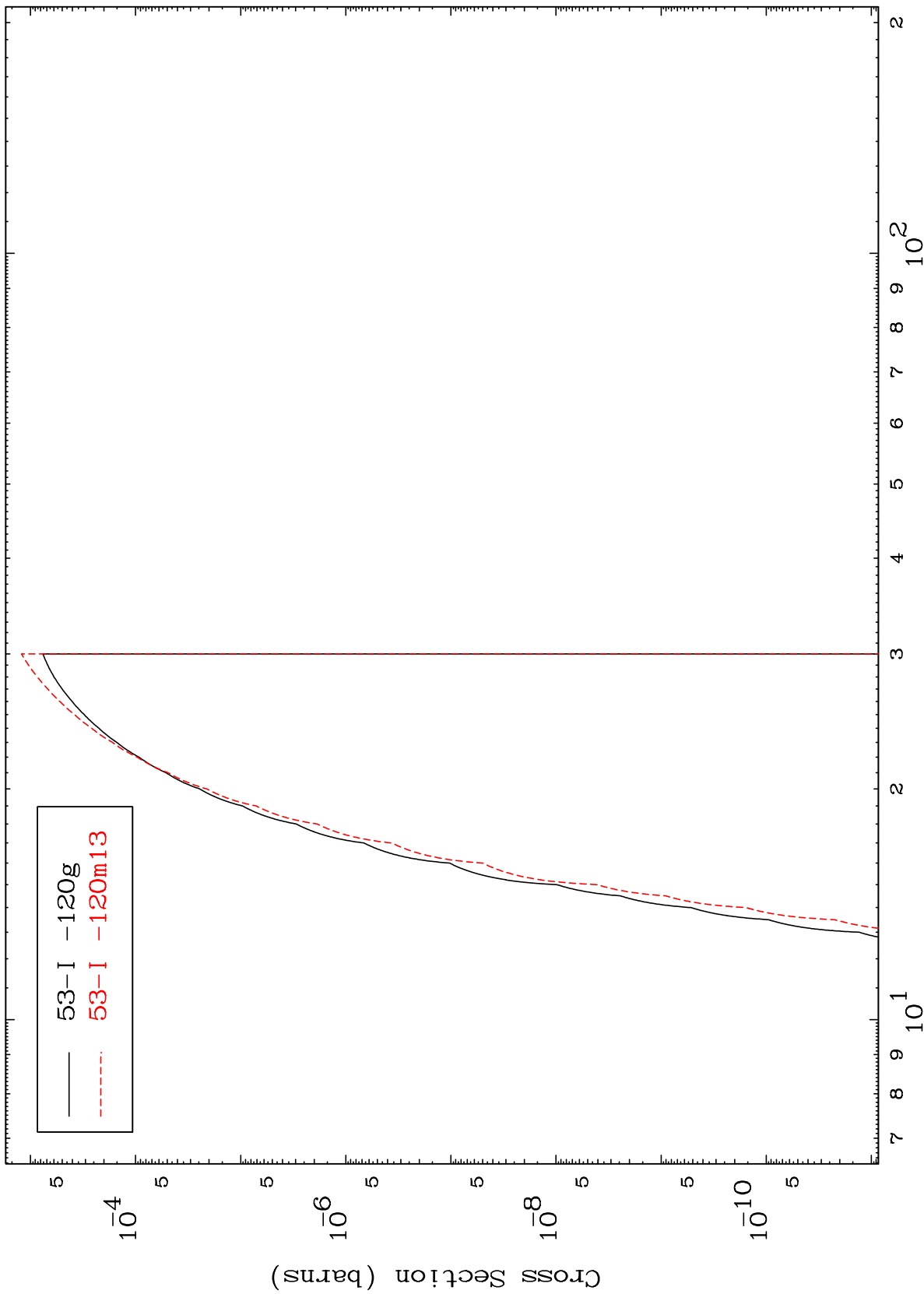
122

MAT 5492

(n,p) d

55-Cs-122

Radionuclide Production Cross Section



53-I -120g
53-I -120m13

123

Incident Energy (MeV)

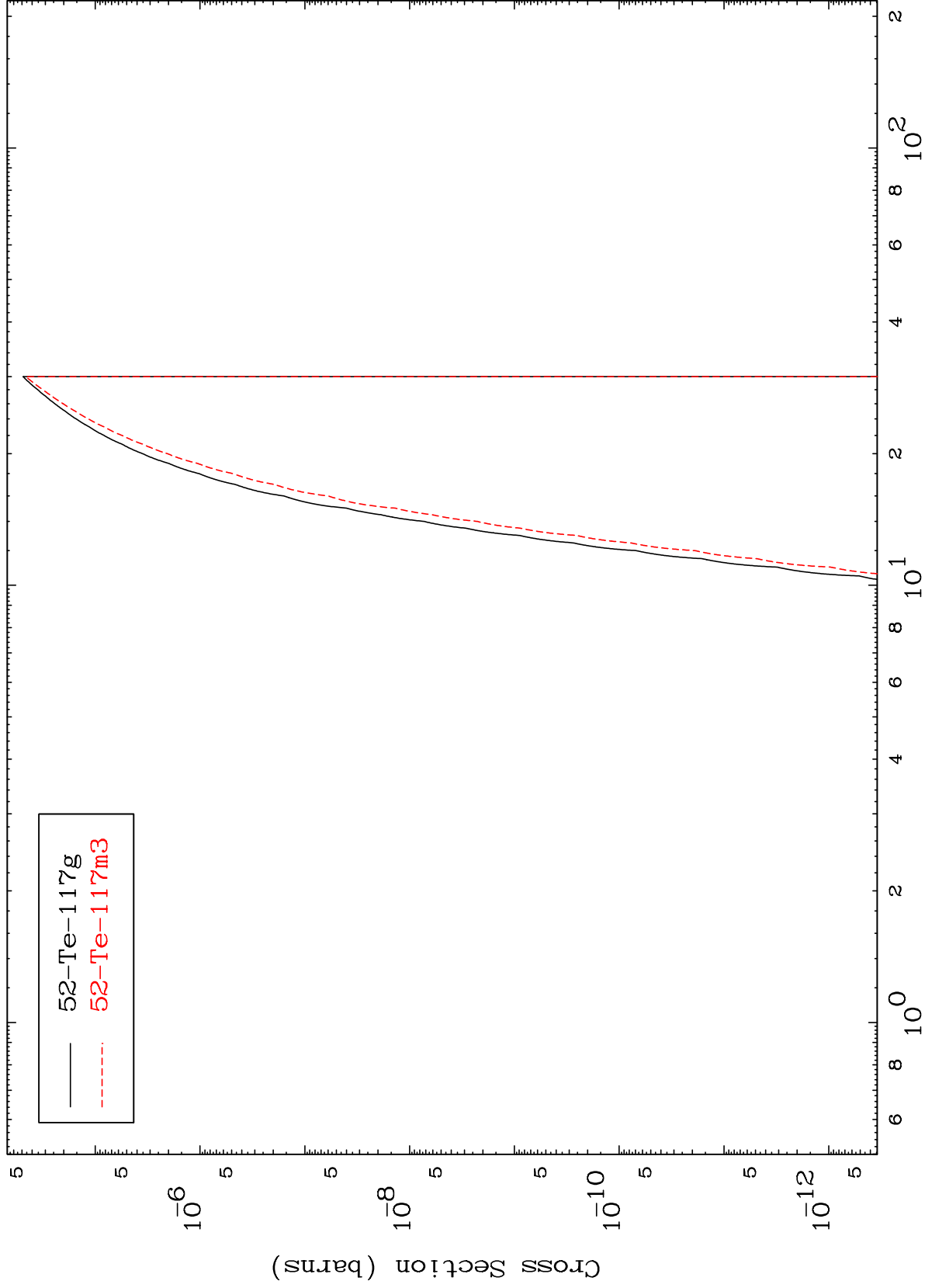
55-Cs-122

MAT 5492

(n,d) α

55-Cs-122

Radionuclide Production Cross Section



124

Incident Energy (MeV)

55-Cs-122