

Program EVALPLOT
(Version 2021-1)

by

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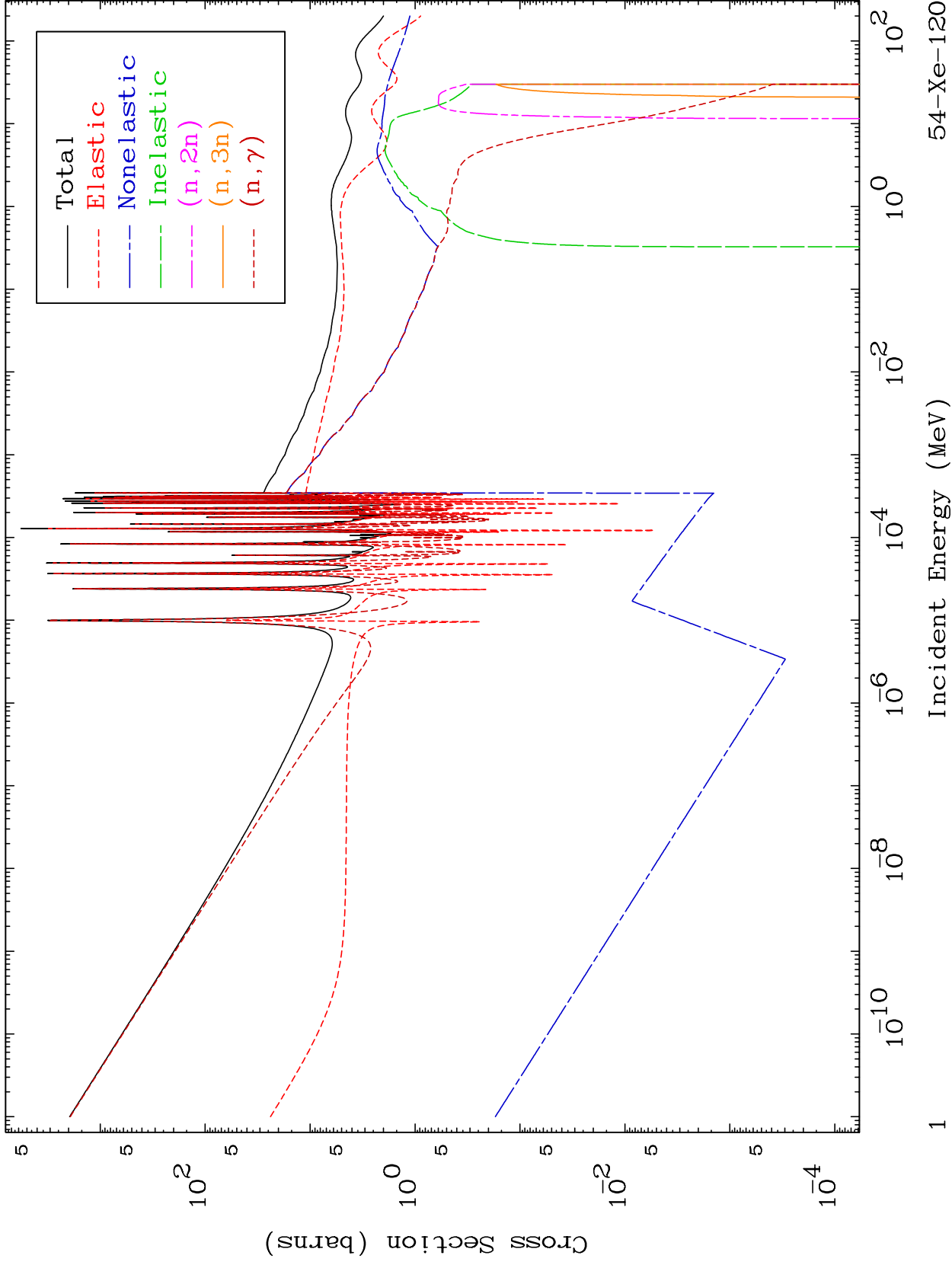
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Press Mouse Button to Start

MAT 5413

Neutron Major
293 Kelvin Cross Sections

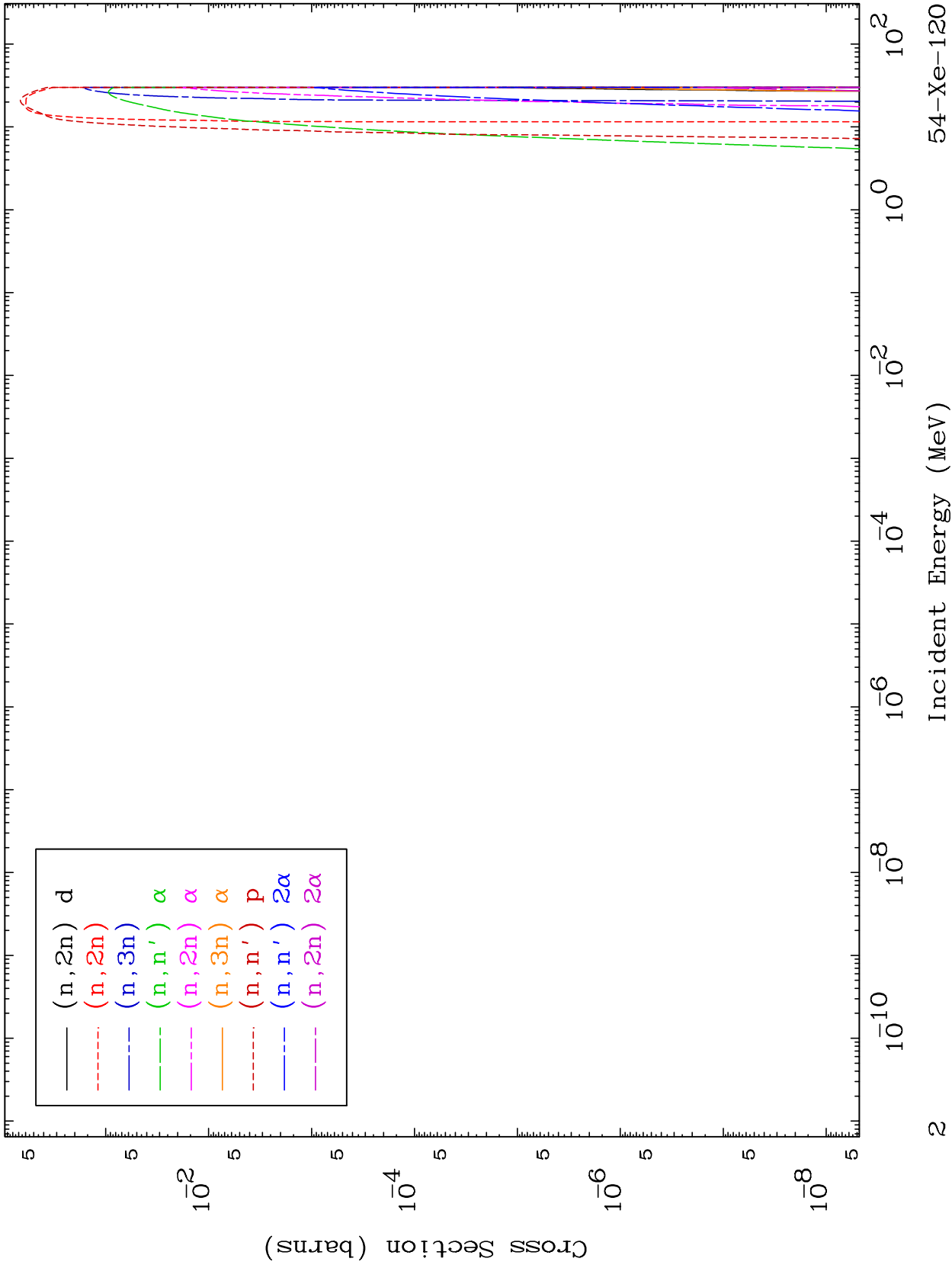
54-Xe-120

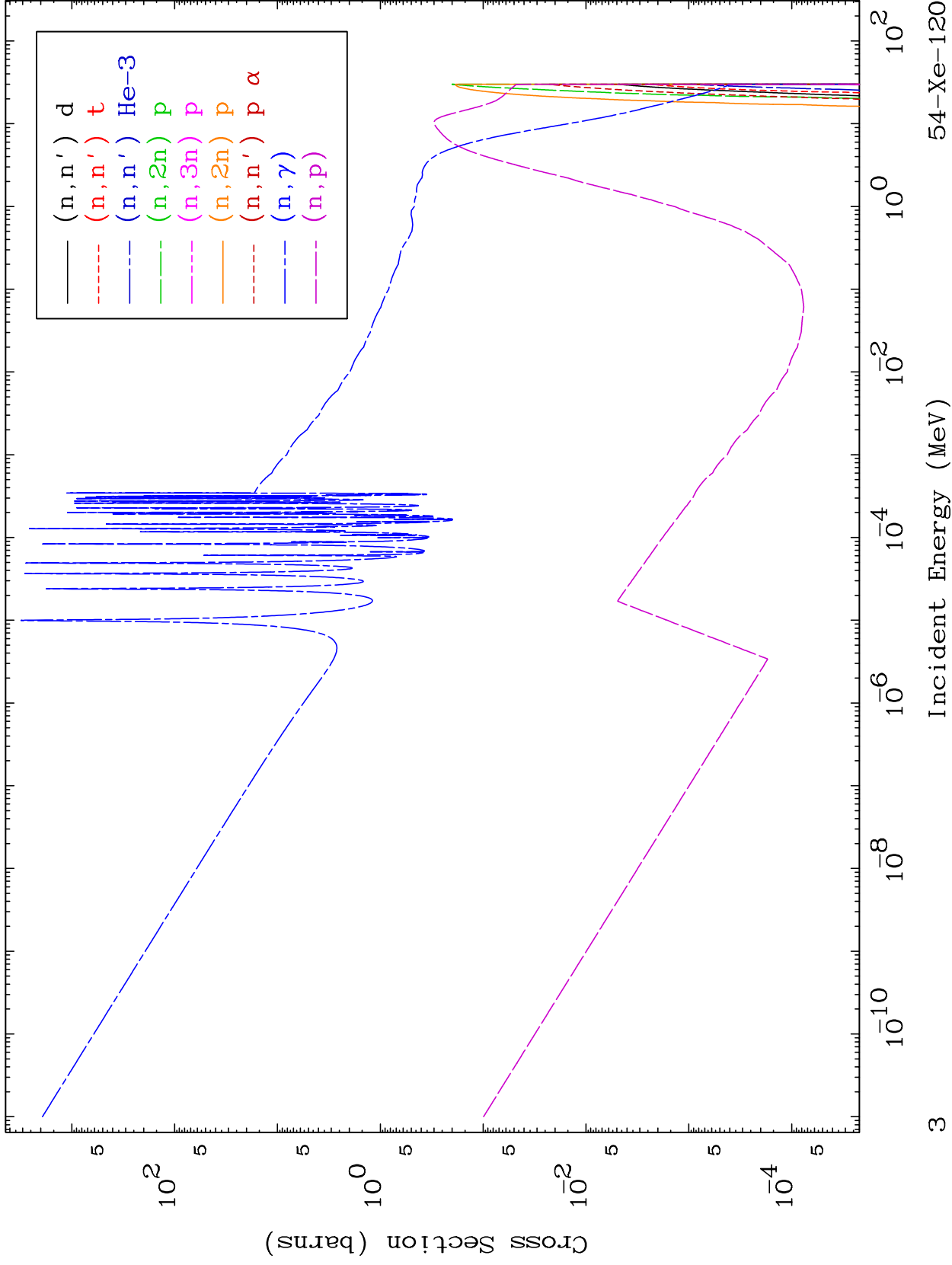


MAT 5413

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-120

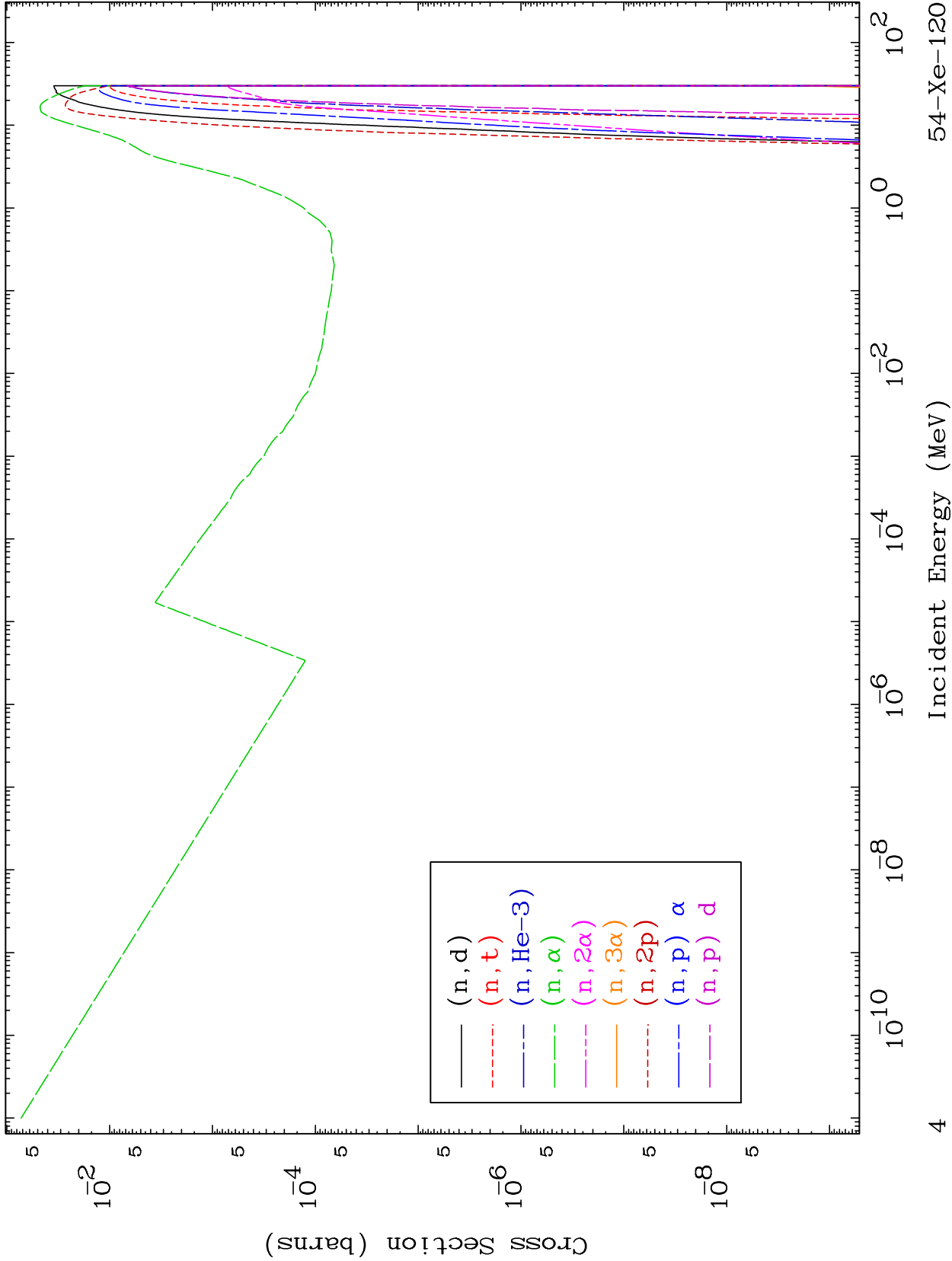


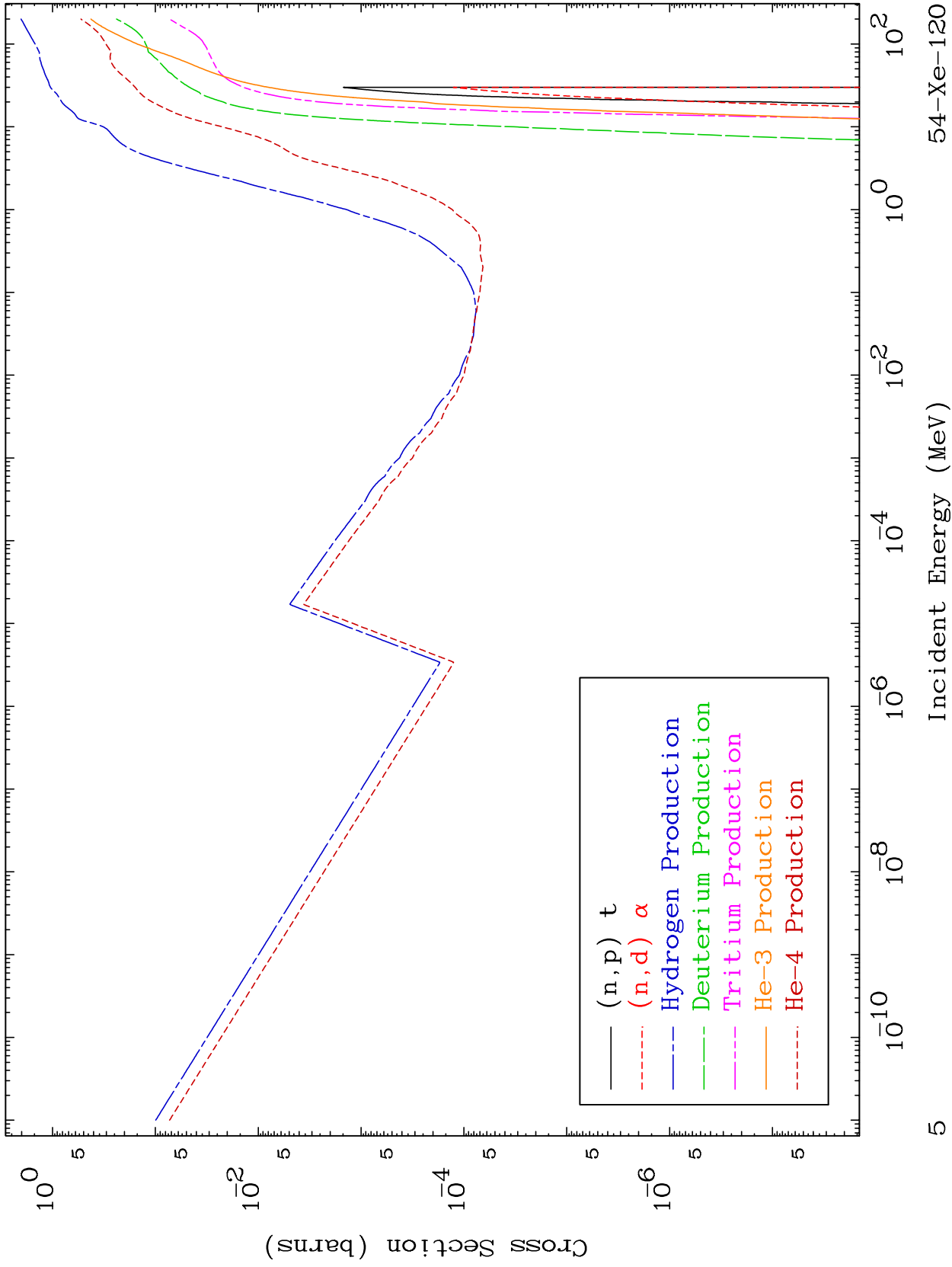


MAT 5413

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-120

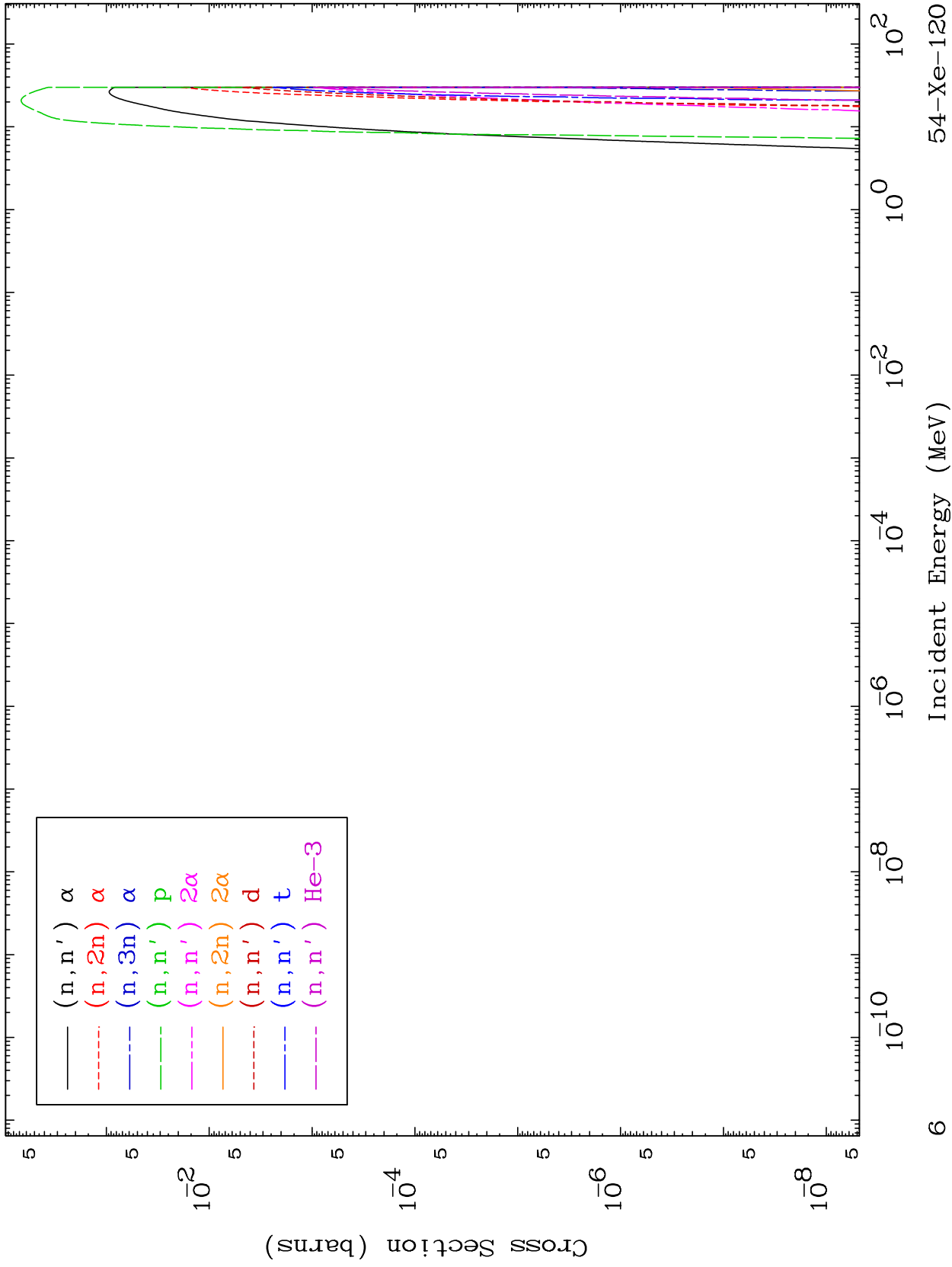




MAT 5413

Charged Particle
293 Kelvin Cross Sections

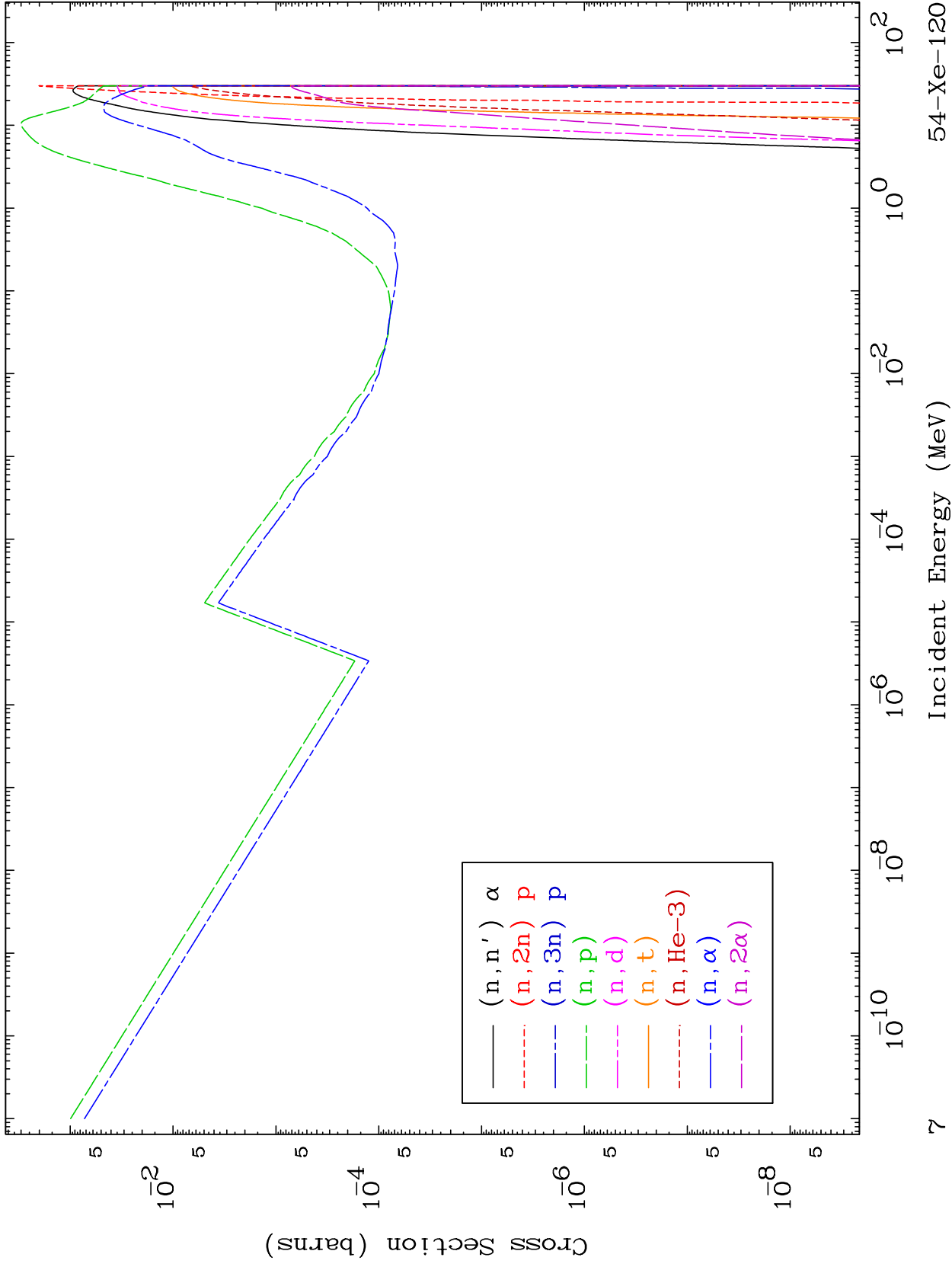
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MAT 5413

Charged Particle
293 Kelvin Cross Sections

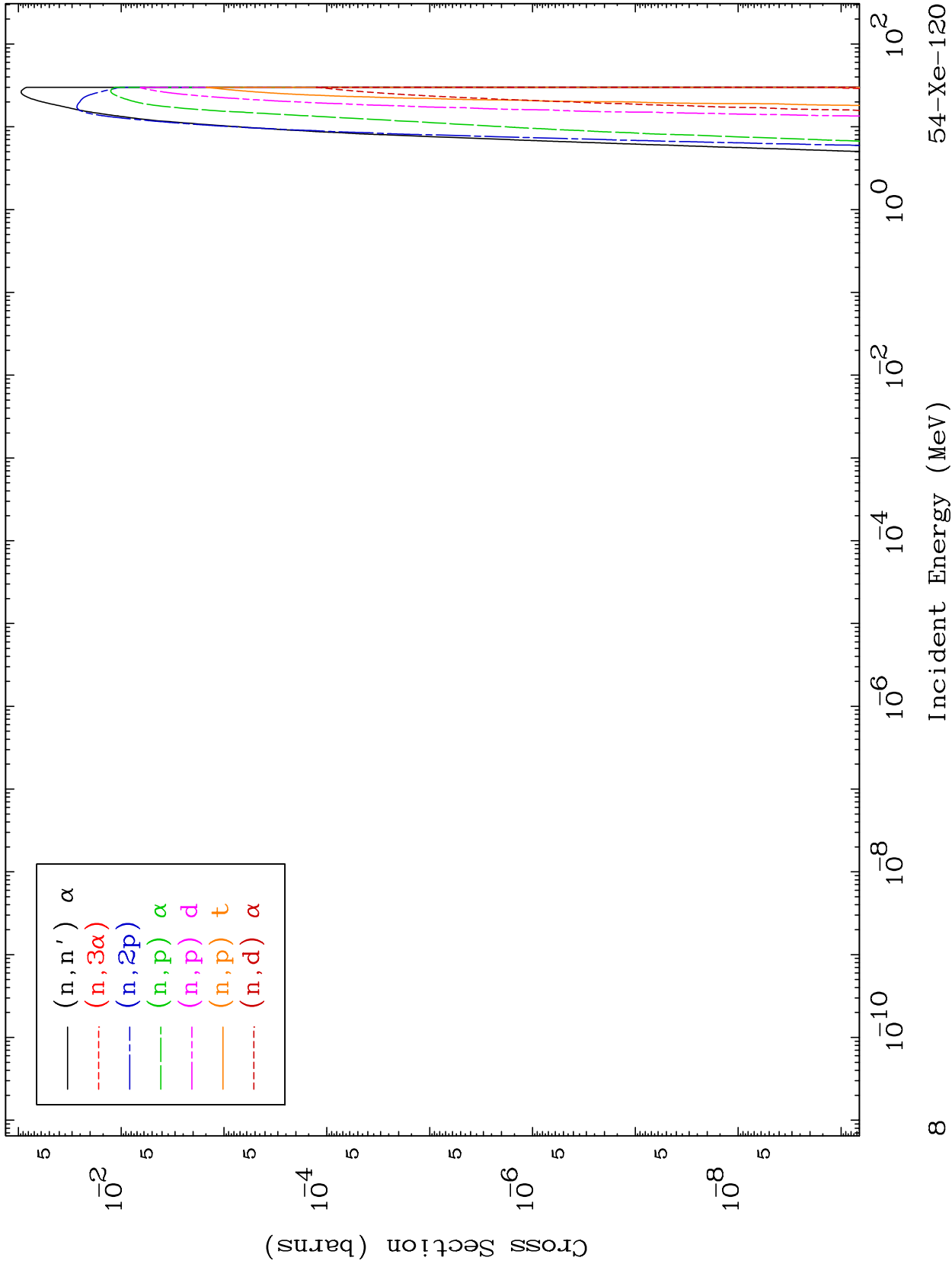
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MAT 5413

Charged Particle
293 Kelvin Cross Sections

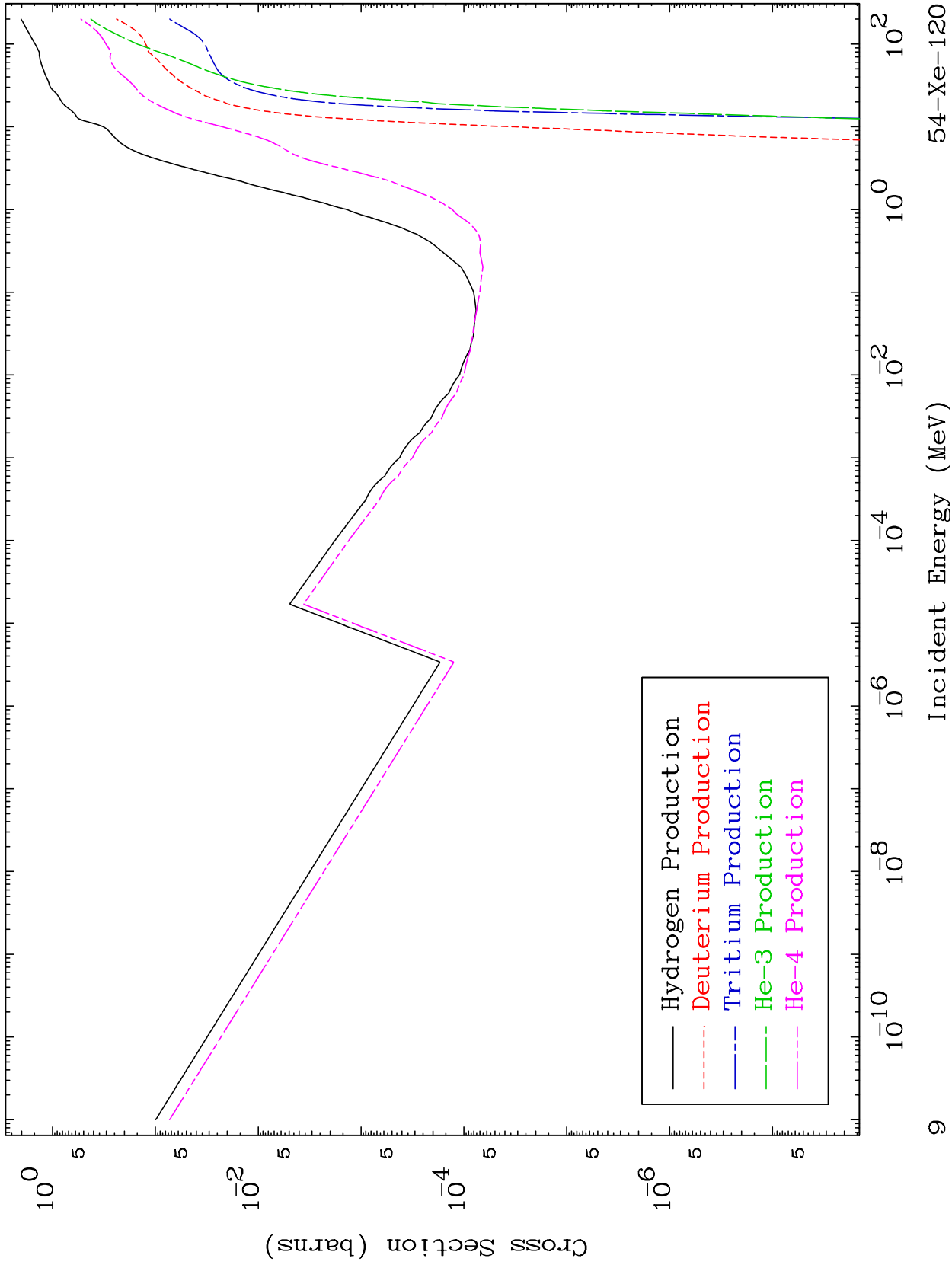
54-Xe-120



MAT 5413

Particle Production
293 Kelvin Cross Sections

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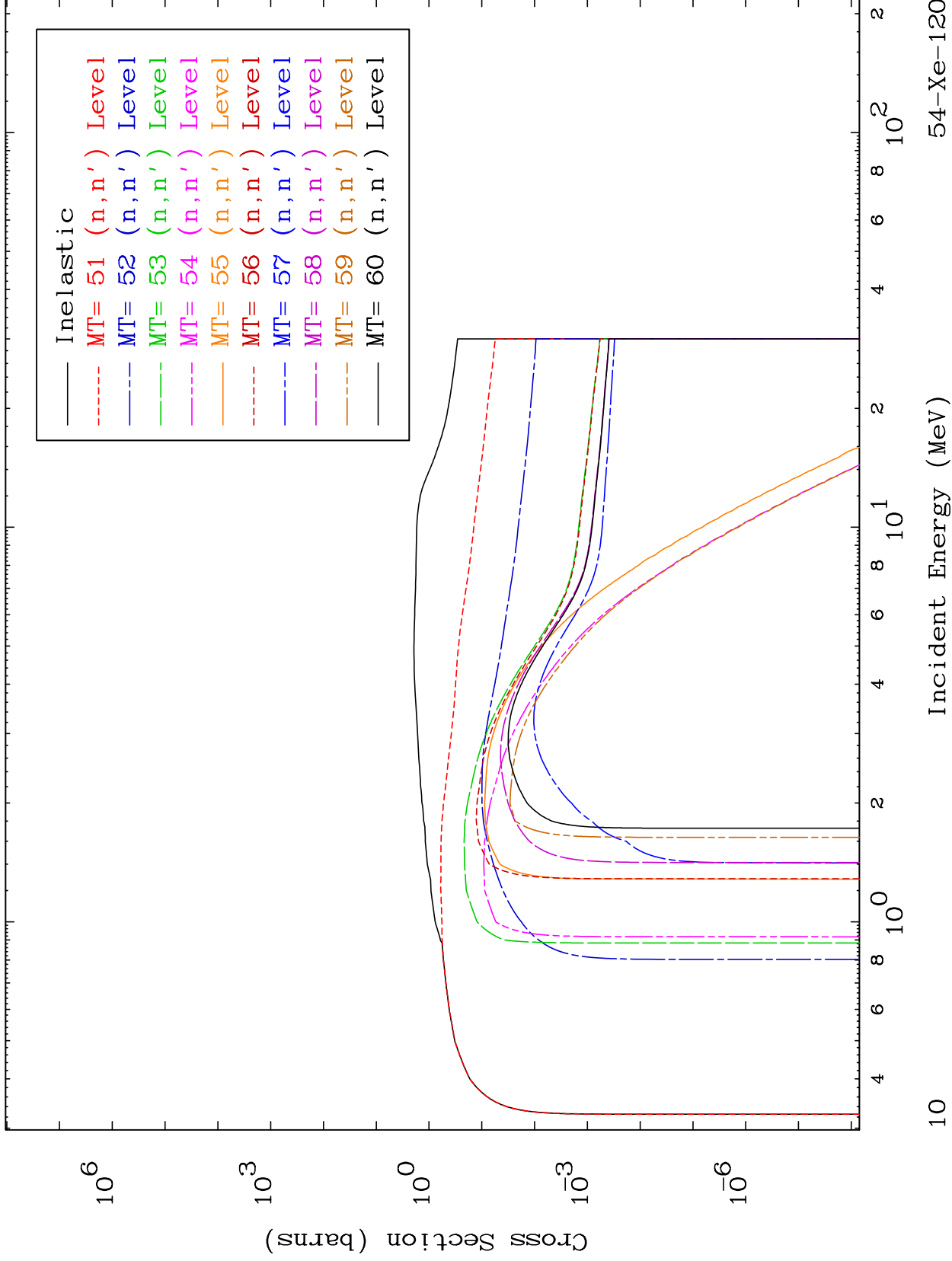


MAT 5413

(n,n') Levels

54-Xe-120

293 Kelvin Cross Sections

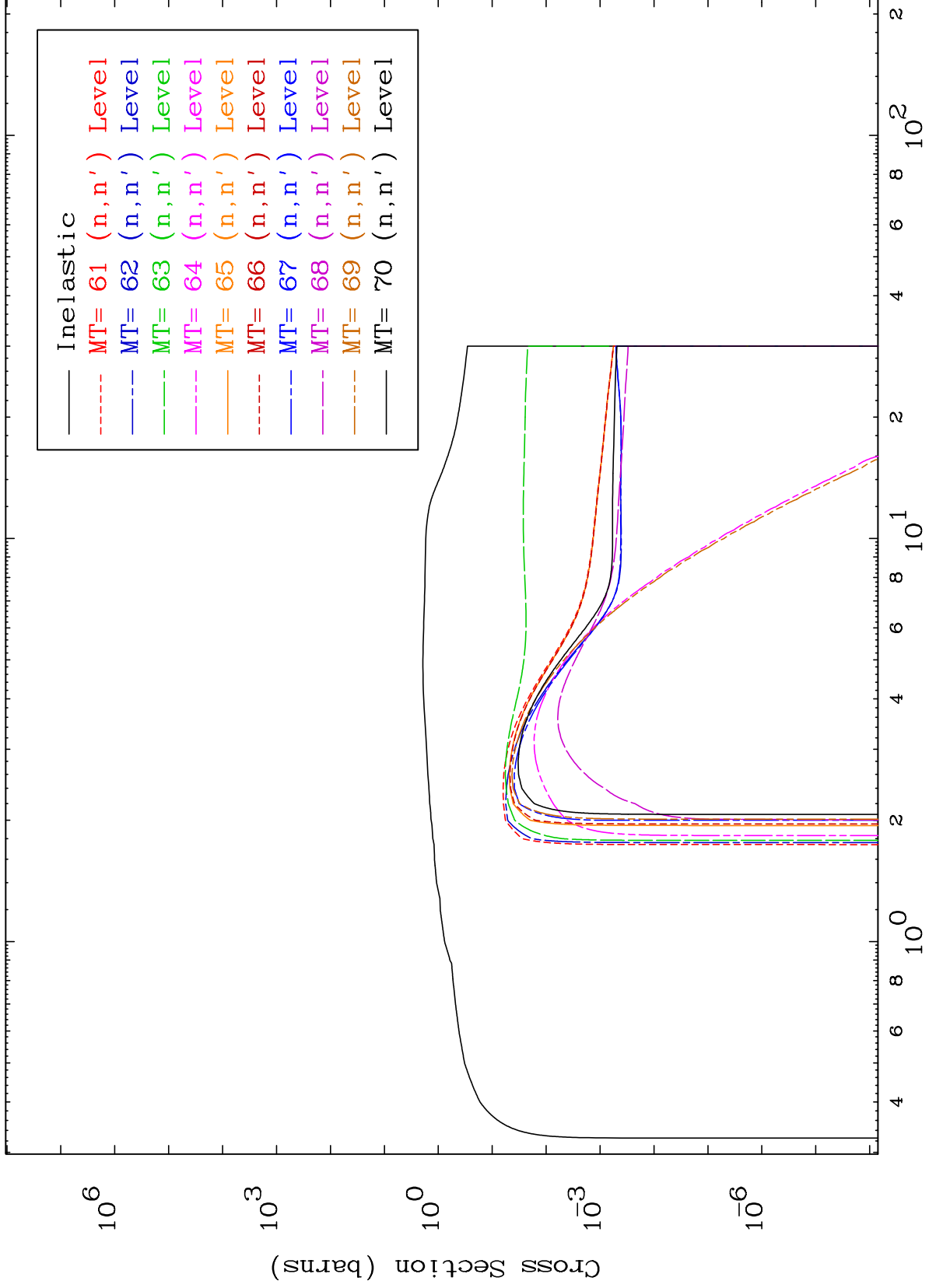


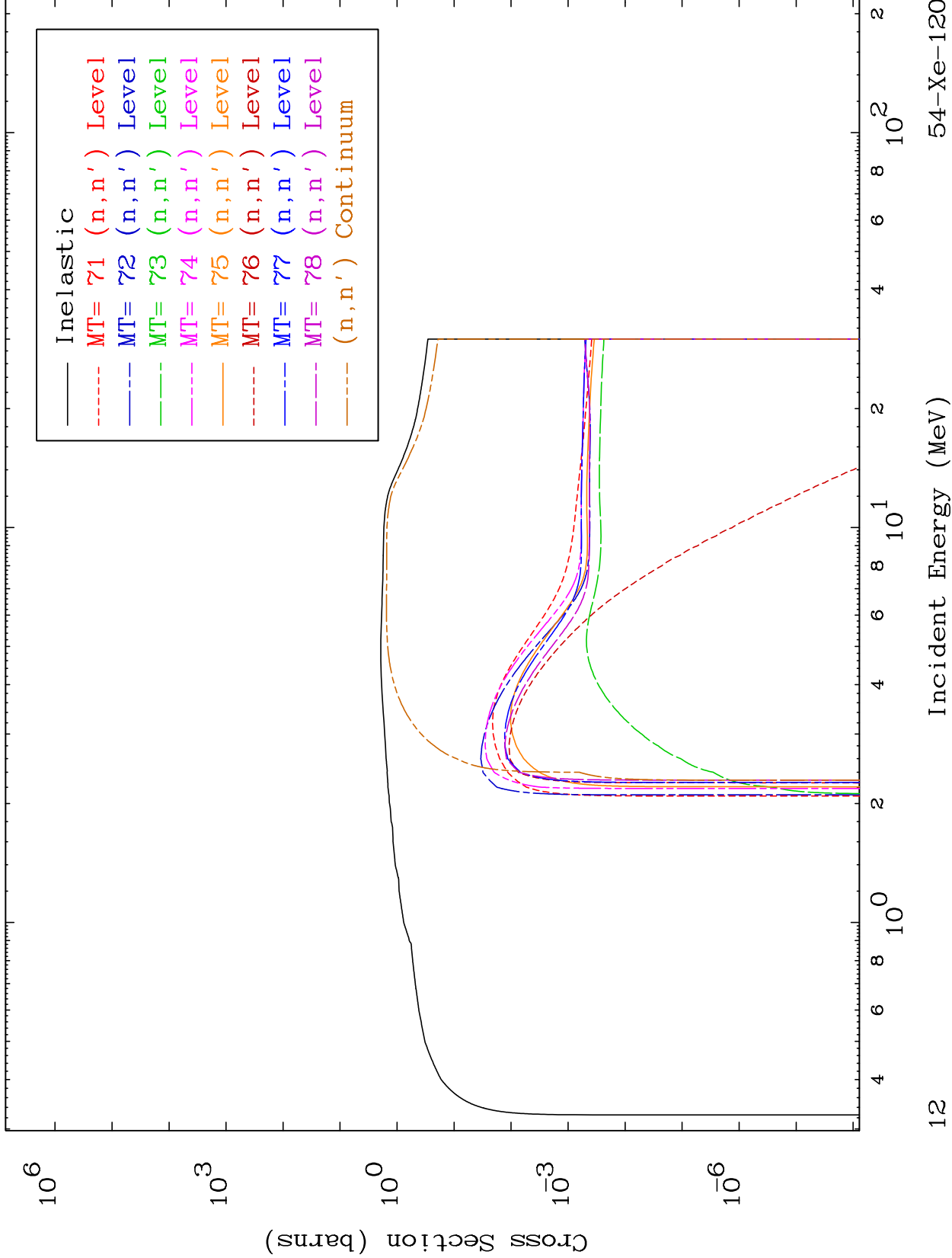
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Incident Energy (MeV)

54-Xe-120

293 Kelvin Cross Sections

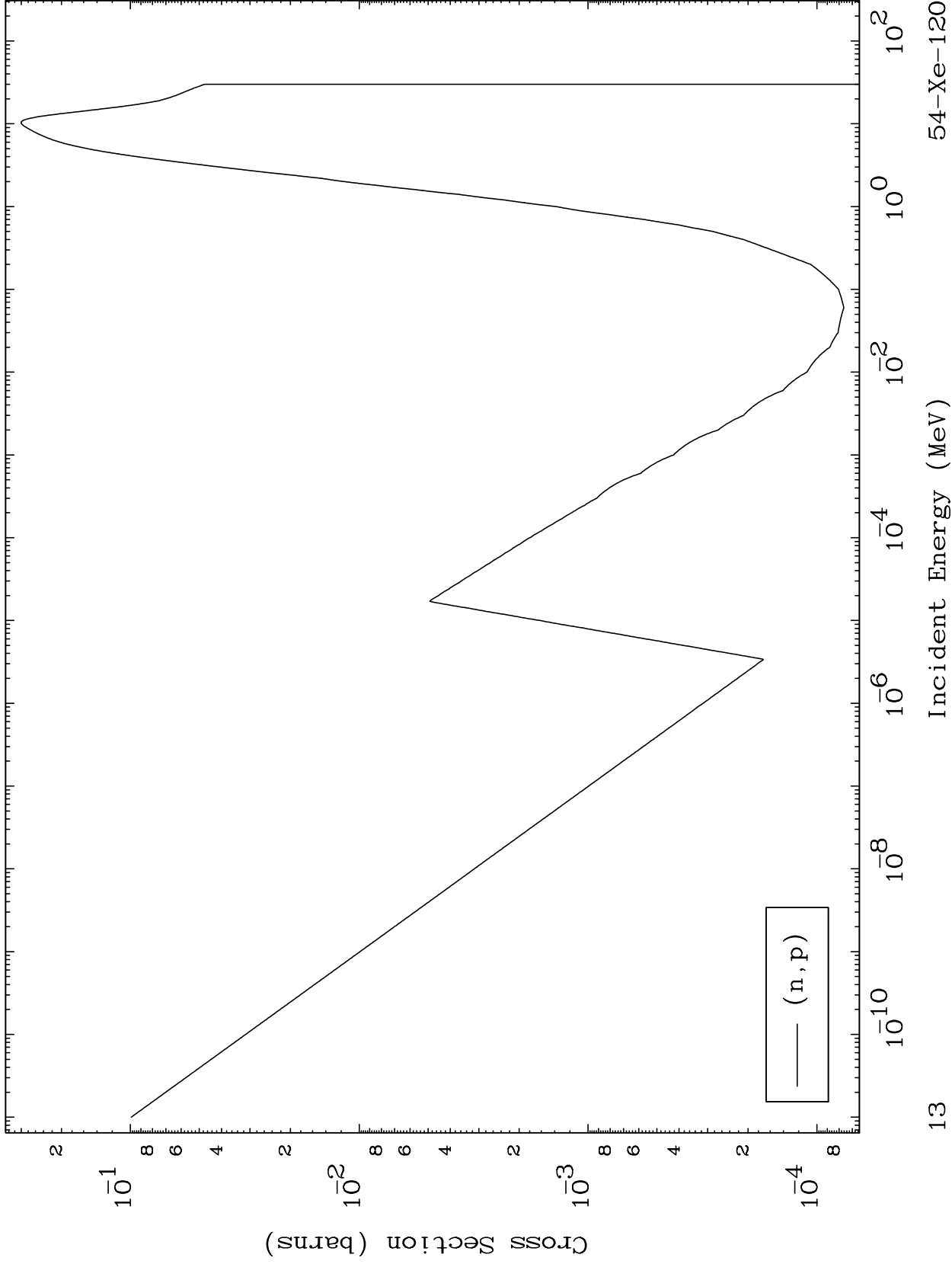




MAT 5413

(n,p) Levels
293 Kelvin Cross Sections

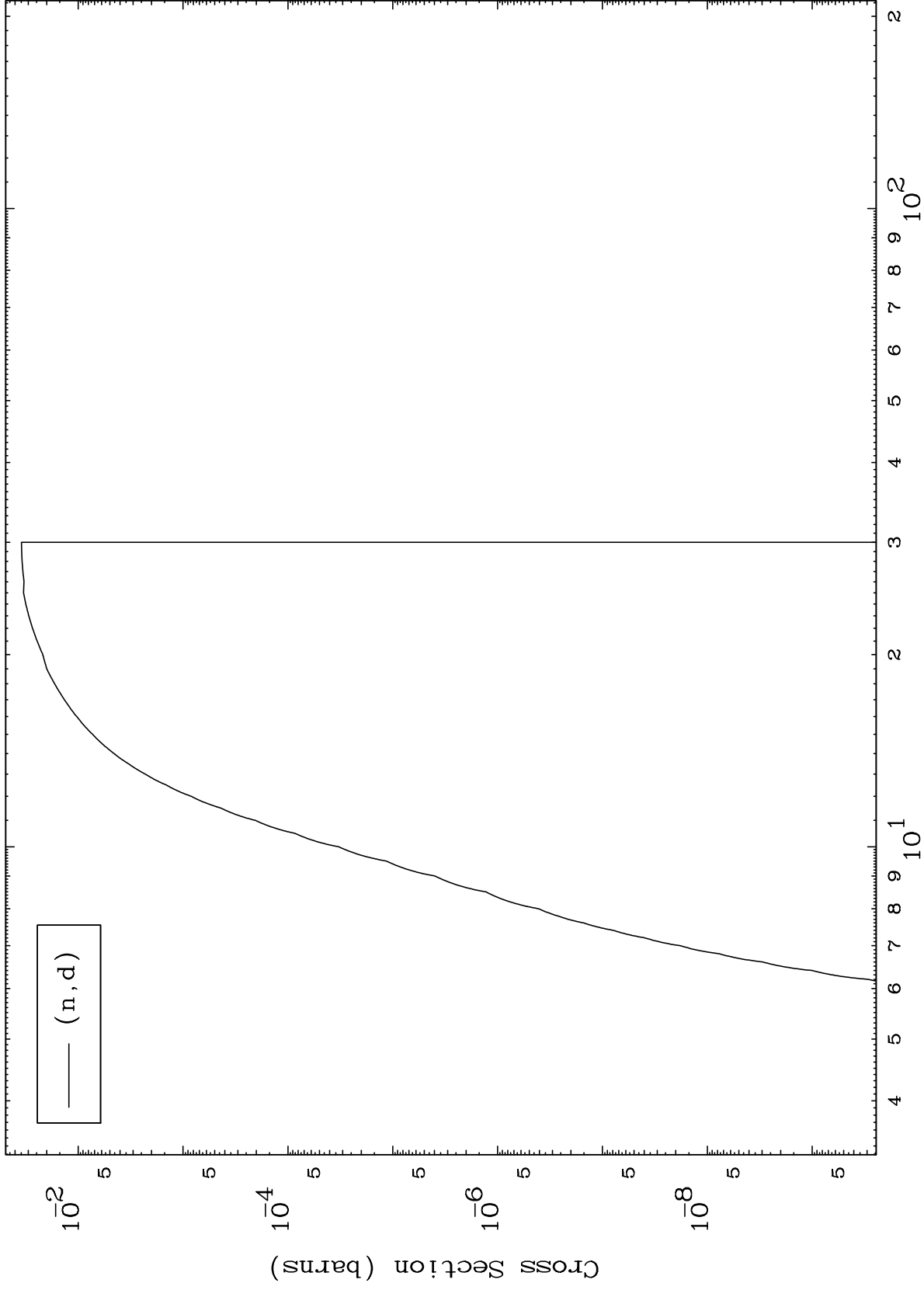
54-Xe-120



MAT 5413

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-120



14

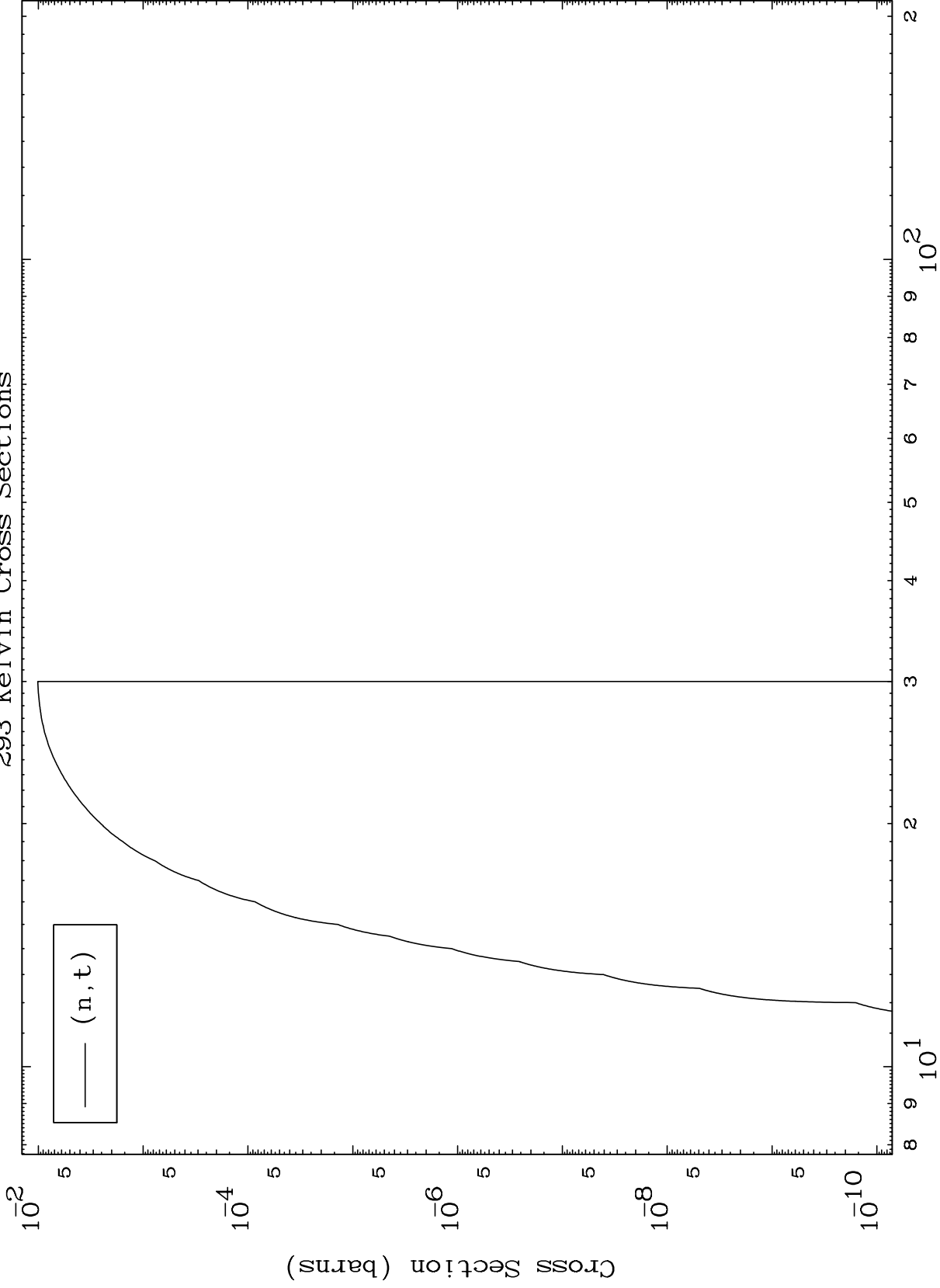
Incident Energy (MeV)

54-Xe-120

MAT 5413

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-120



15

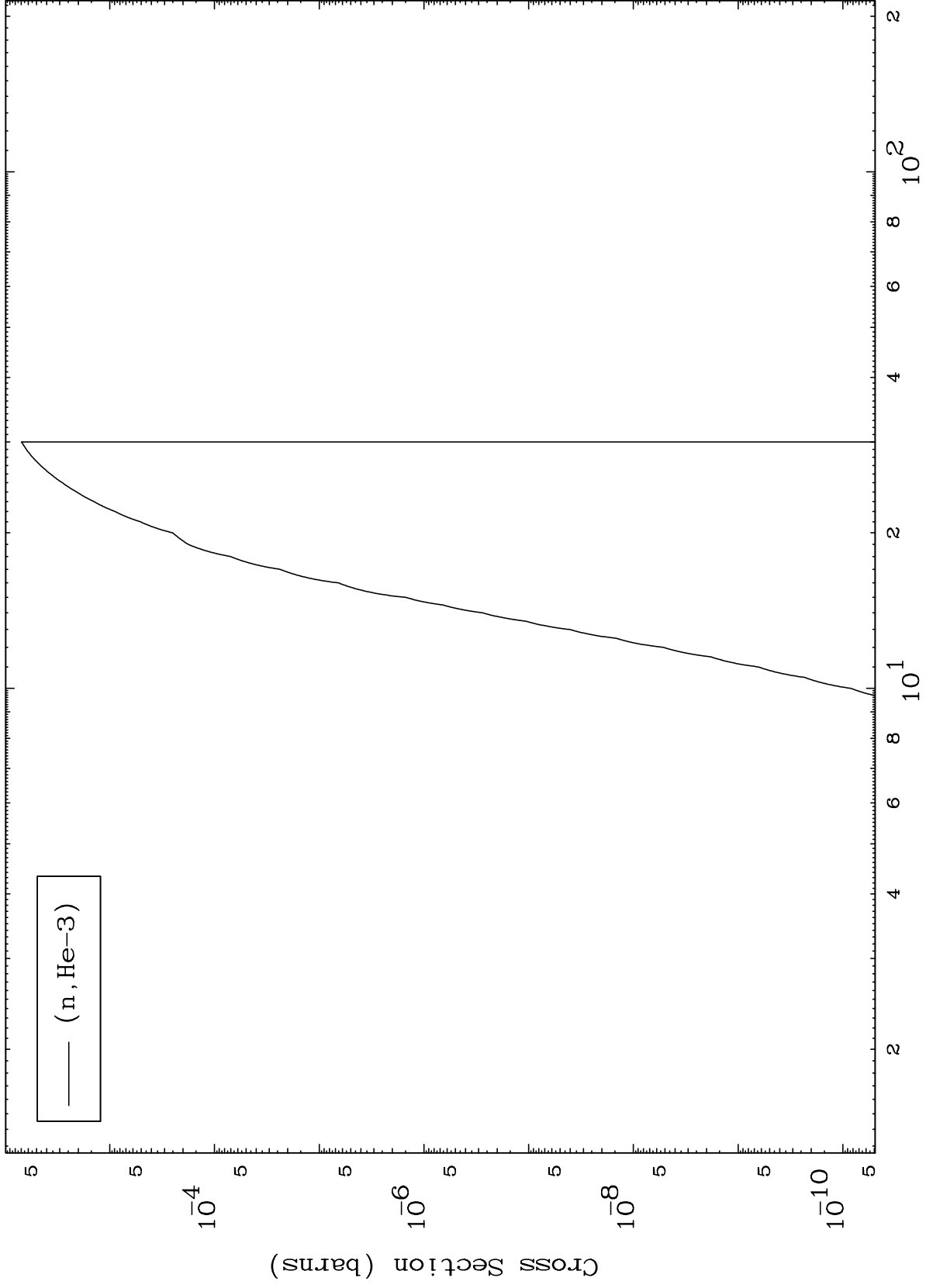
Incident Energy (MeV)

54-Xe-120

MAT 5413

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-120



16

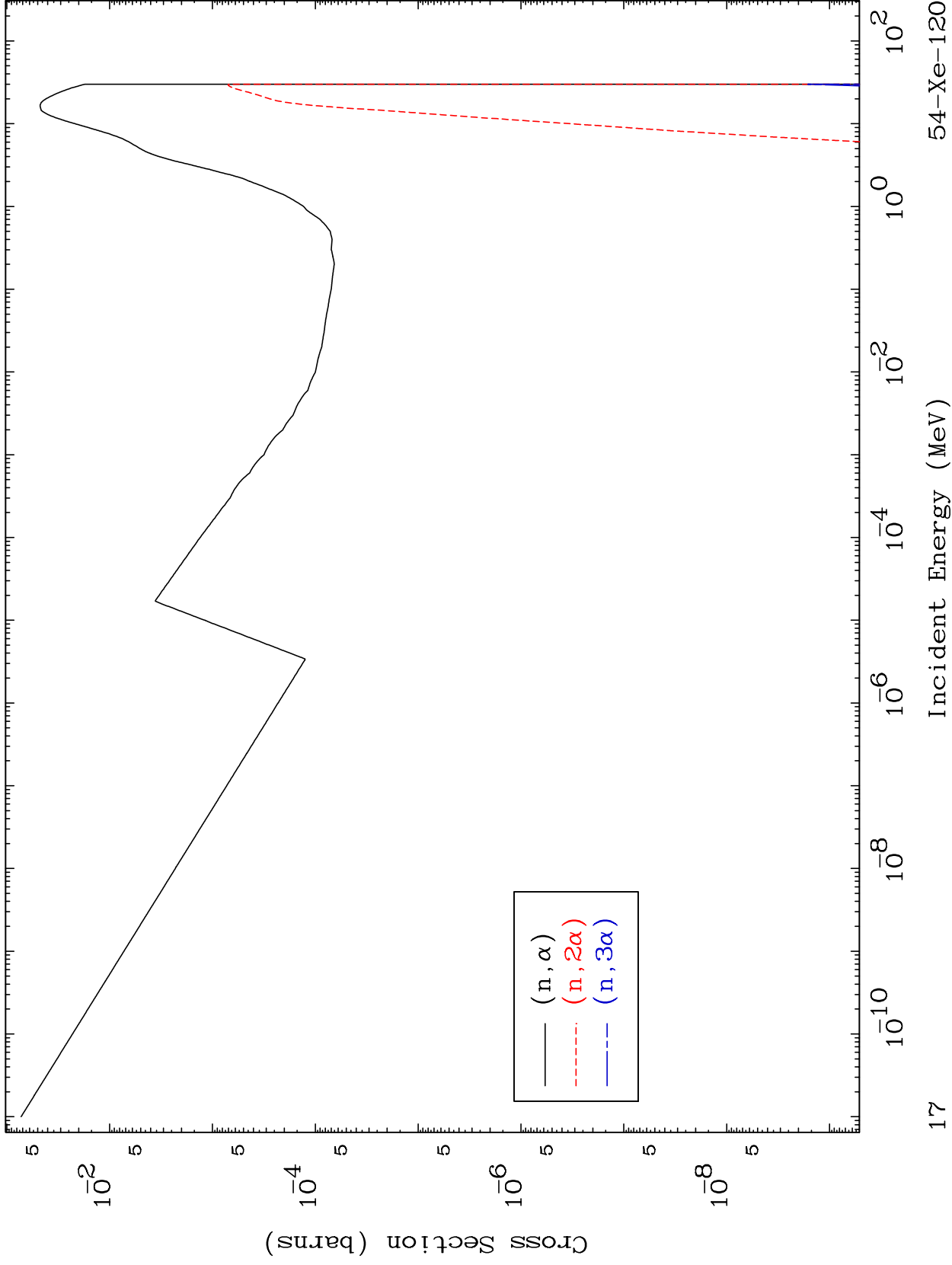
Incident Energy (MeV)

54-Xe-120

MAT 5413

(n, α) Levels
293 Kelvin Cross Sections

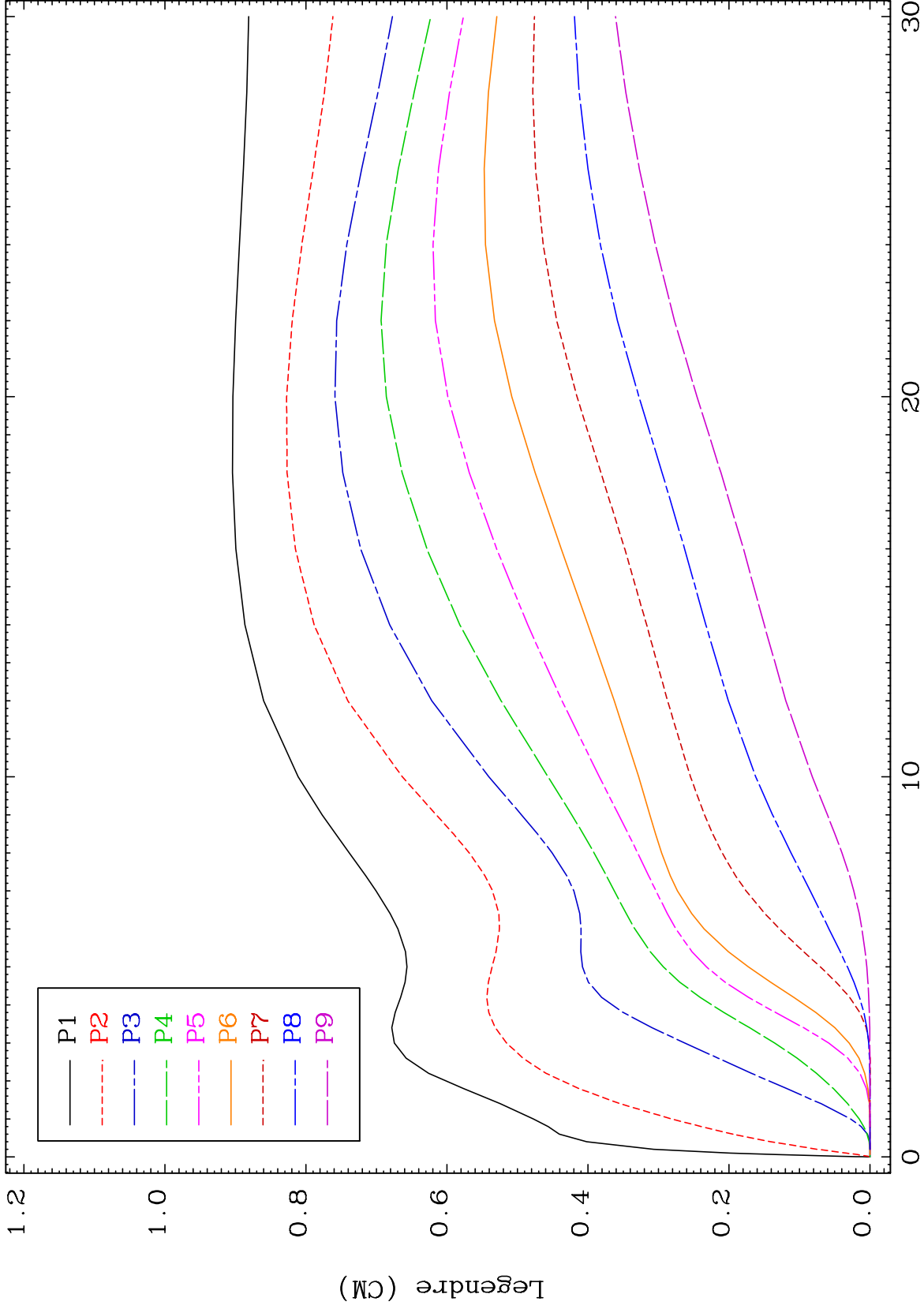
54-Xe-120



MAT 5413

Elastic Legendre Coefficients

54-Xe-120



18

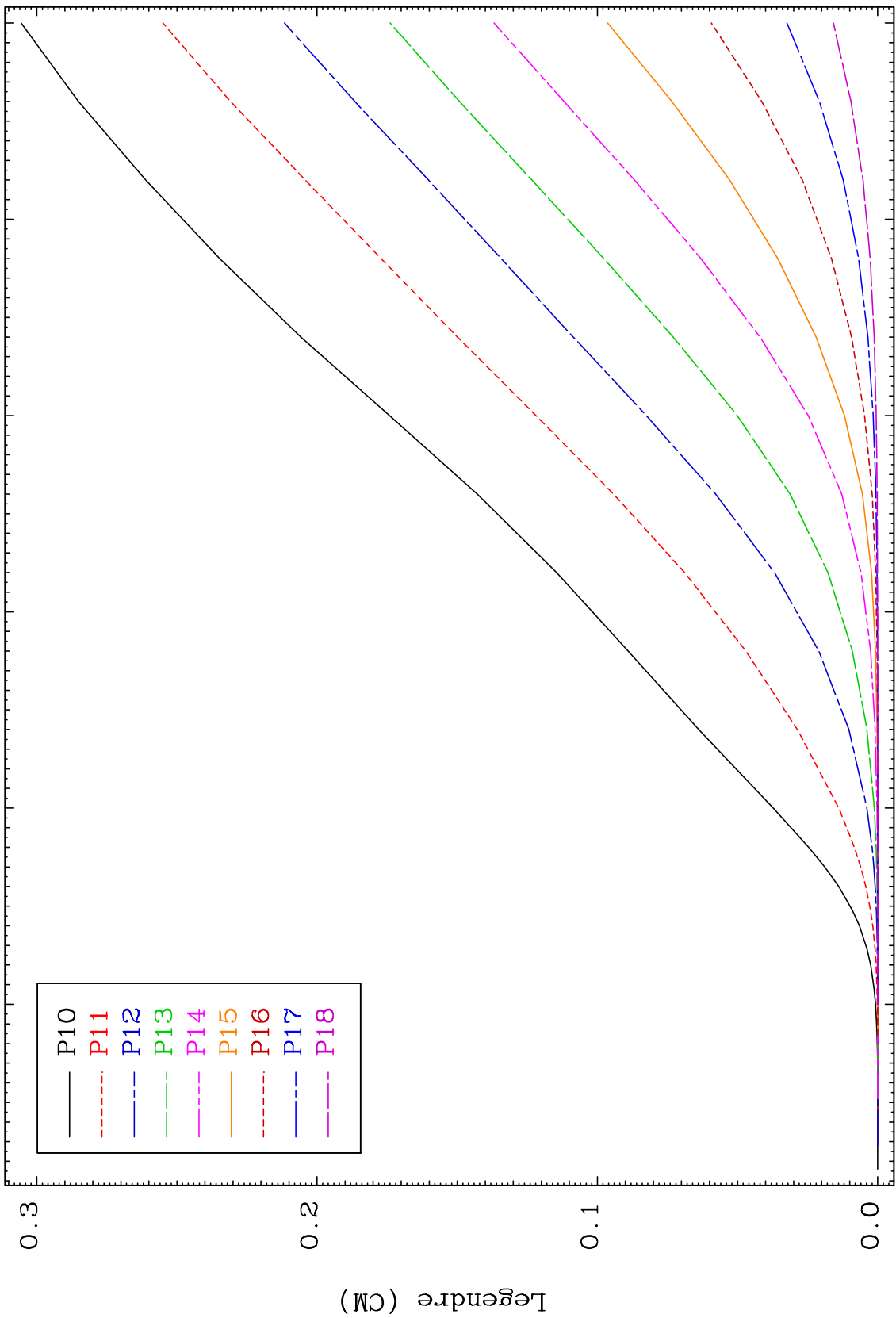
Incident Energy (MeV)

54-Xe-120

MAT 5413

Elastic Legendre Coefficients

54-Xe-120



19

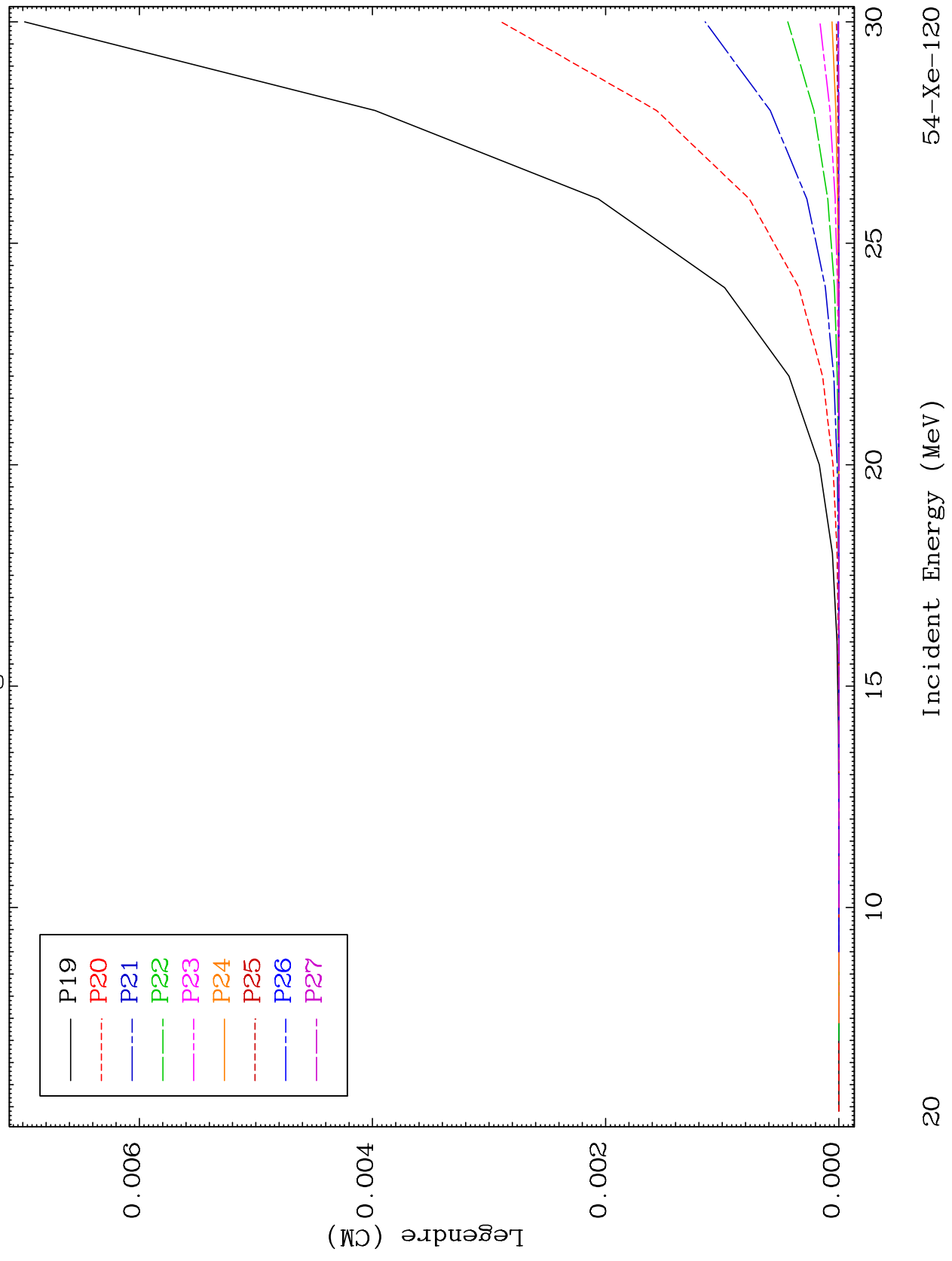
Incident Energy (MeV)

54-Xe-120

MAT 5413

Elastic Legendre Coefficients

54-Xe-120



20

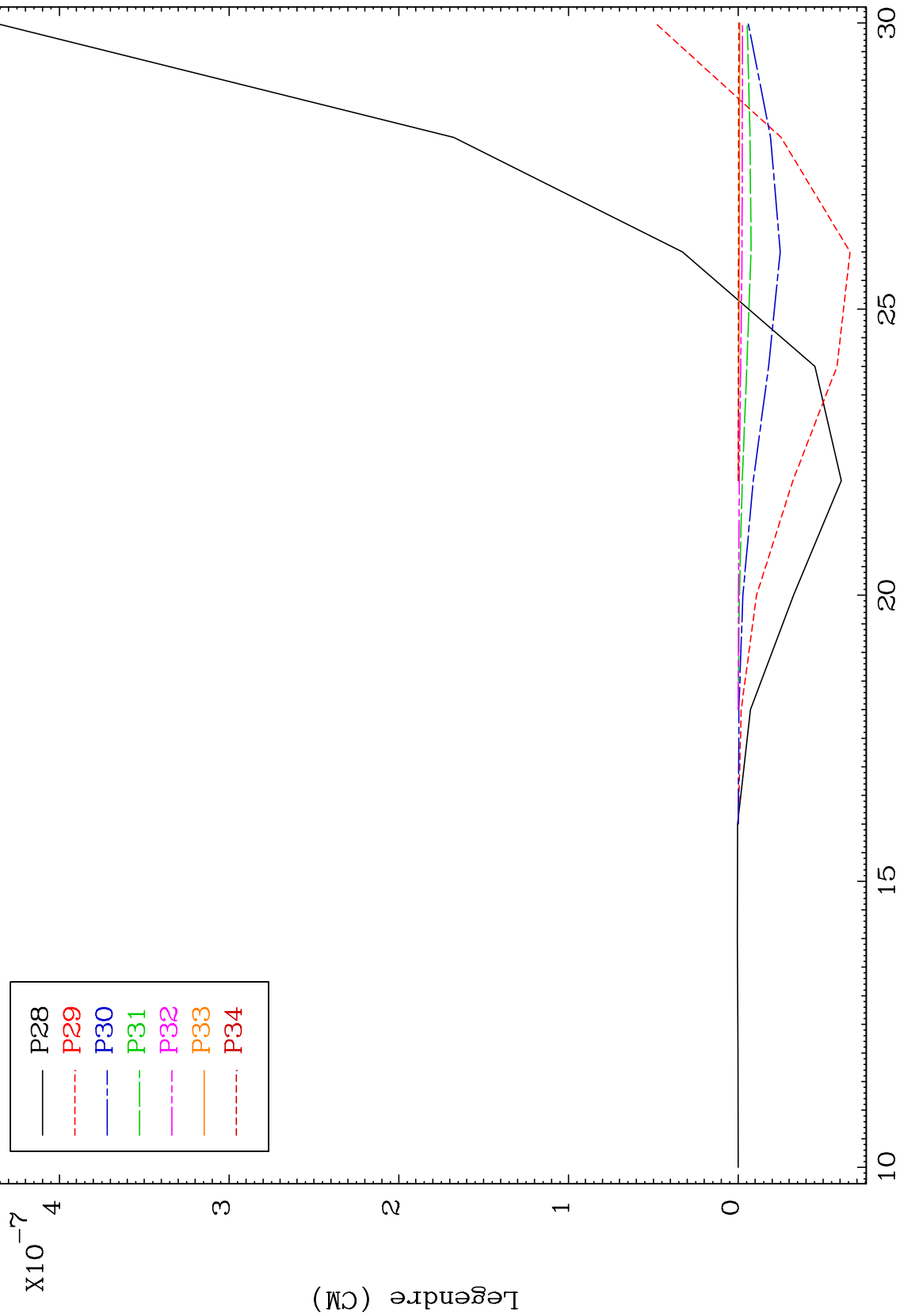
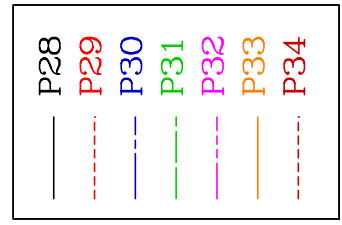
Incident Energy (MeV)

54-Xe-120

MAT 5413

Elastic Legendre Coefficients

54-Xe-120



21

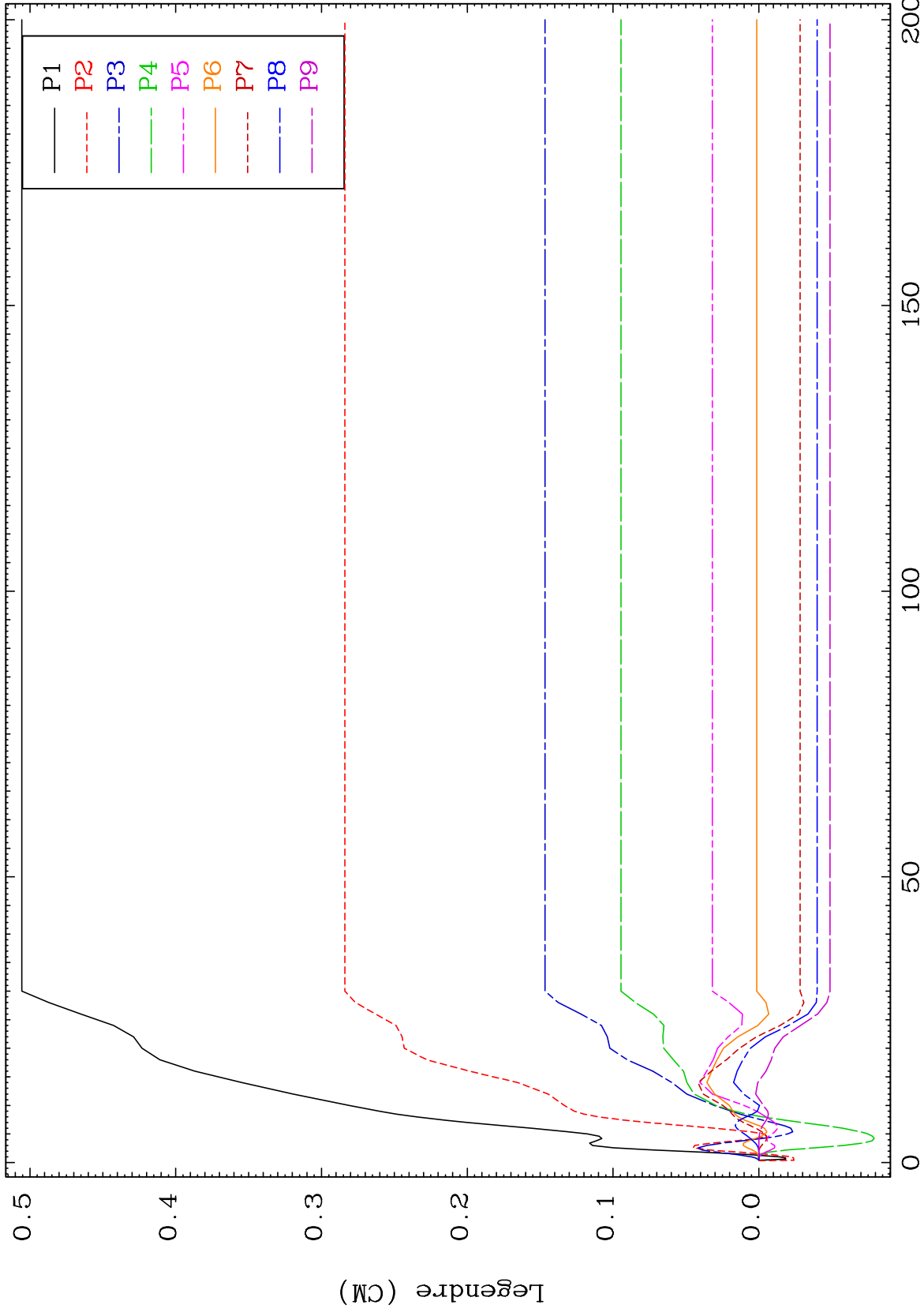
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

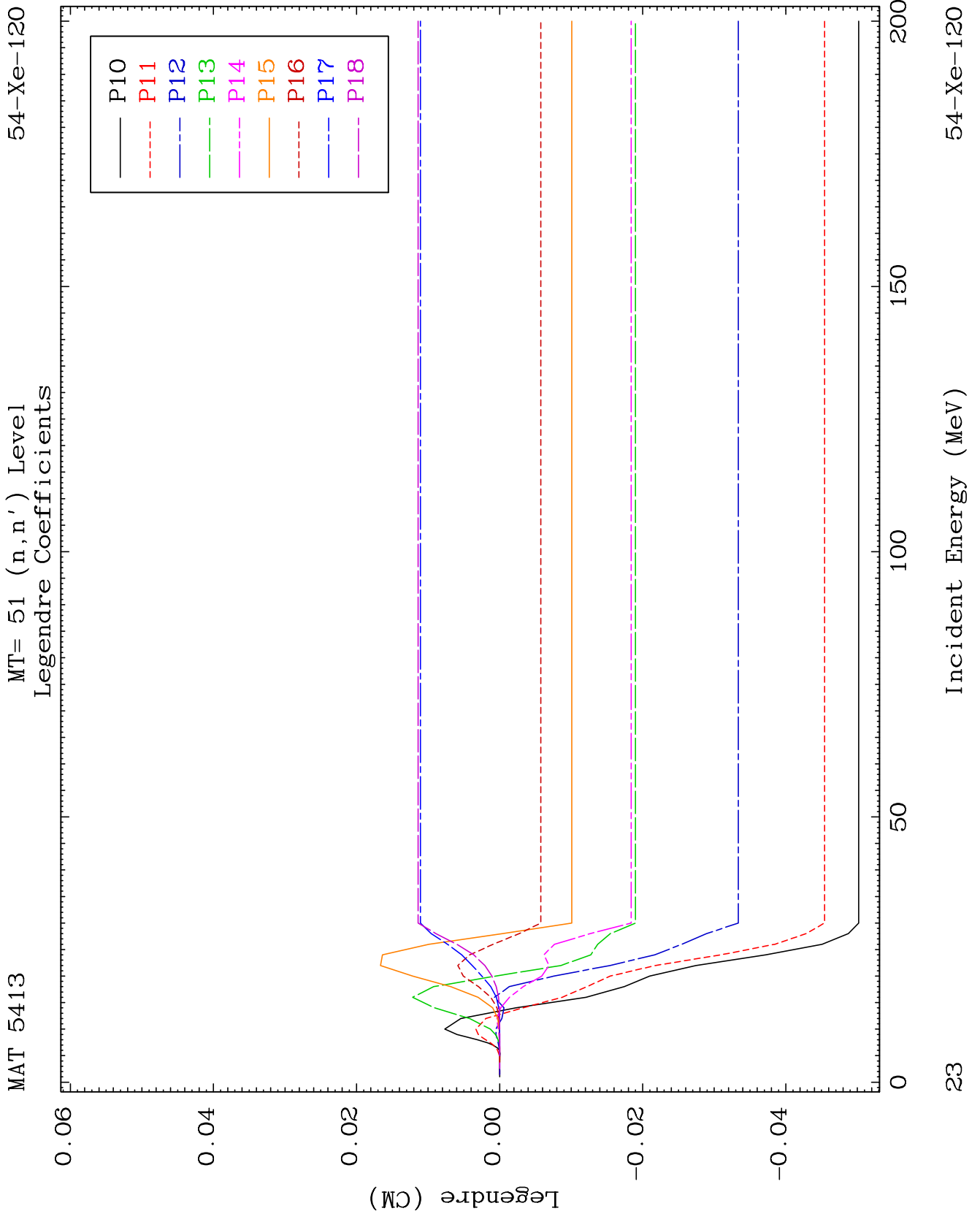
54-Xe-120



22

Incident Energy (MeV)

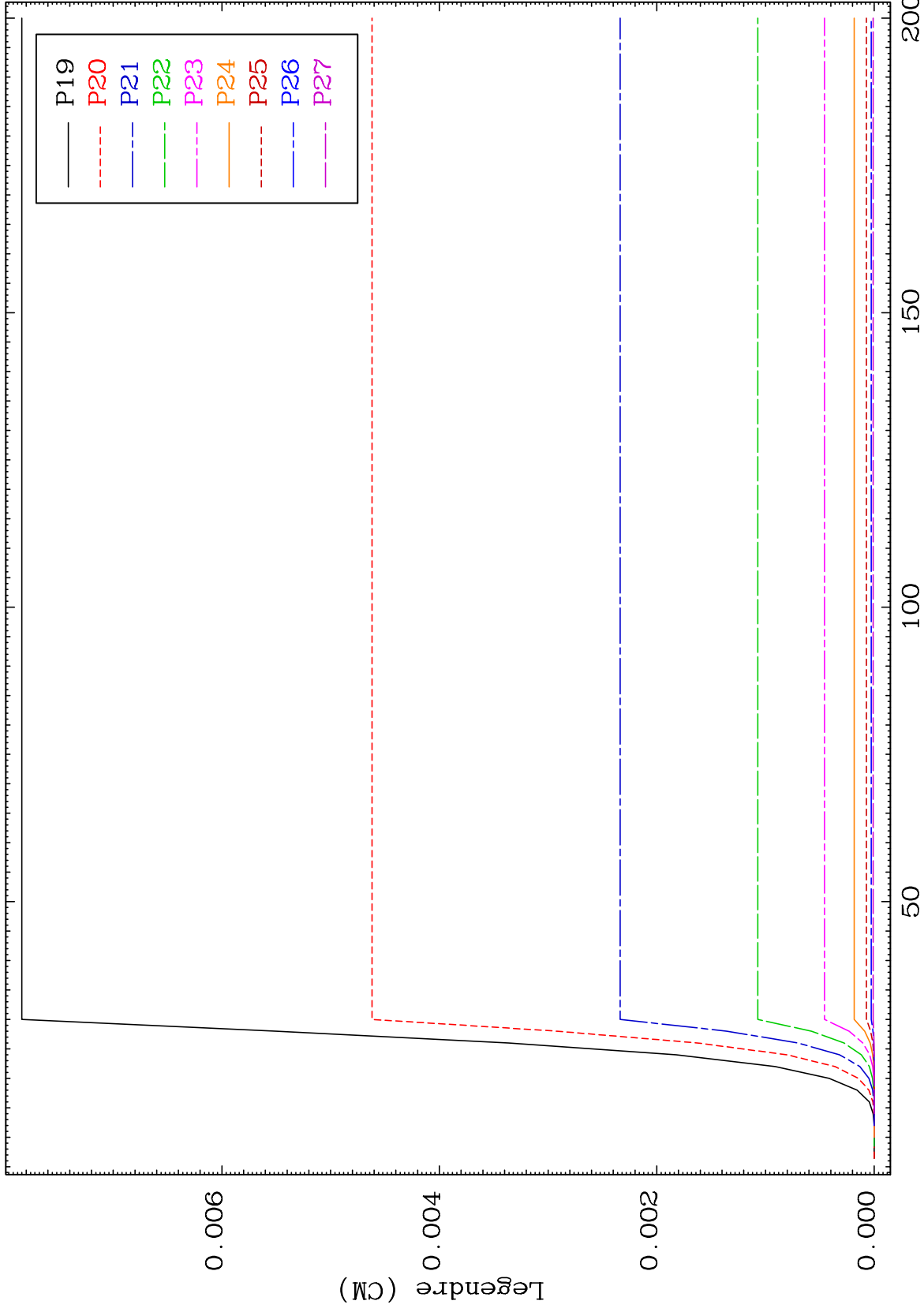
54-Xe-120



MAT 5413

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

54-Xe-120



24

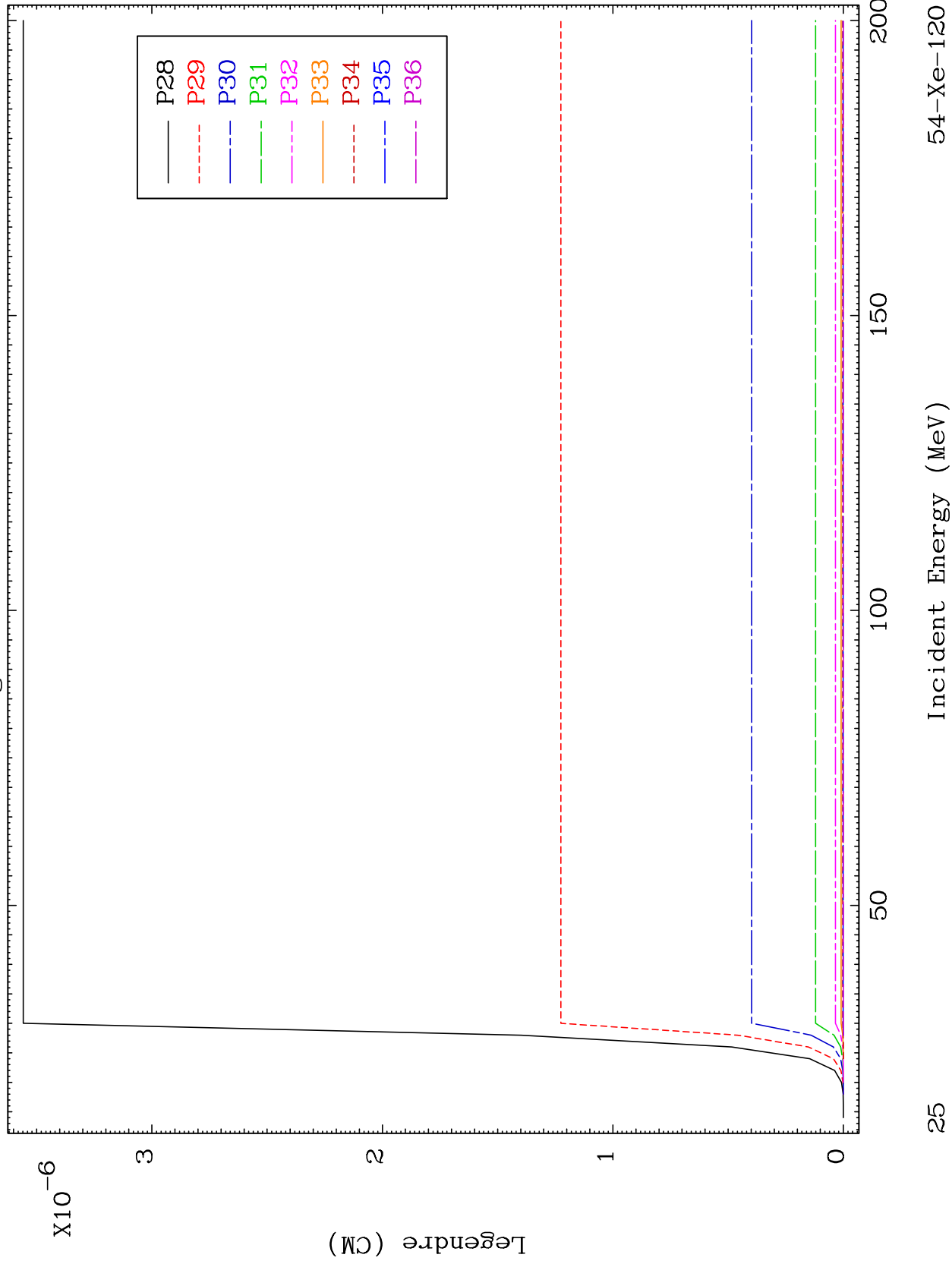
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

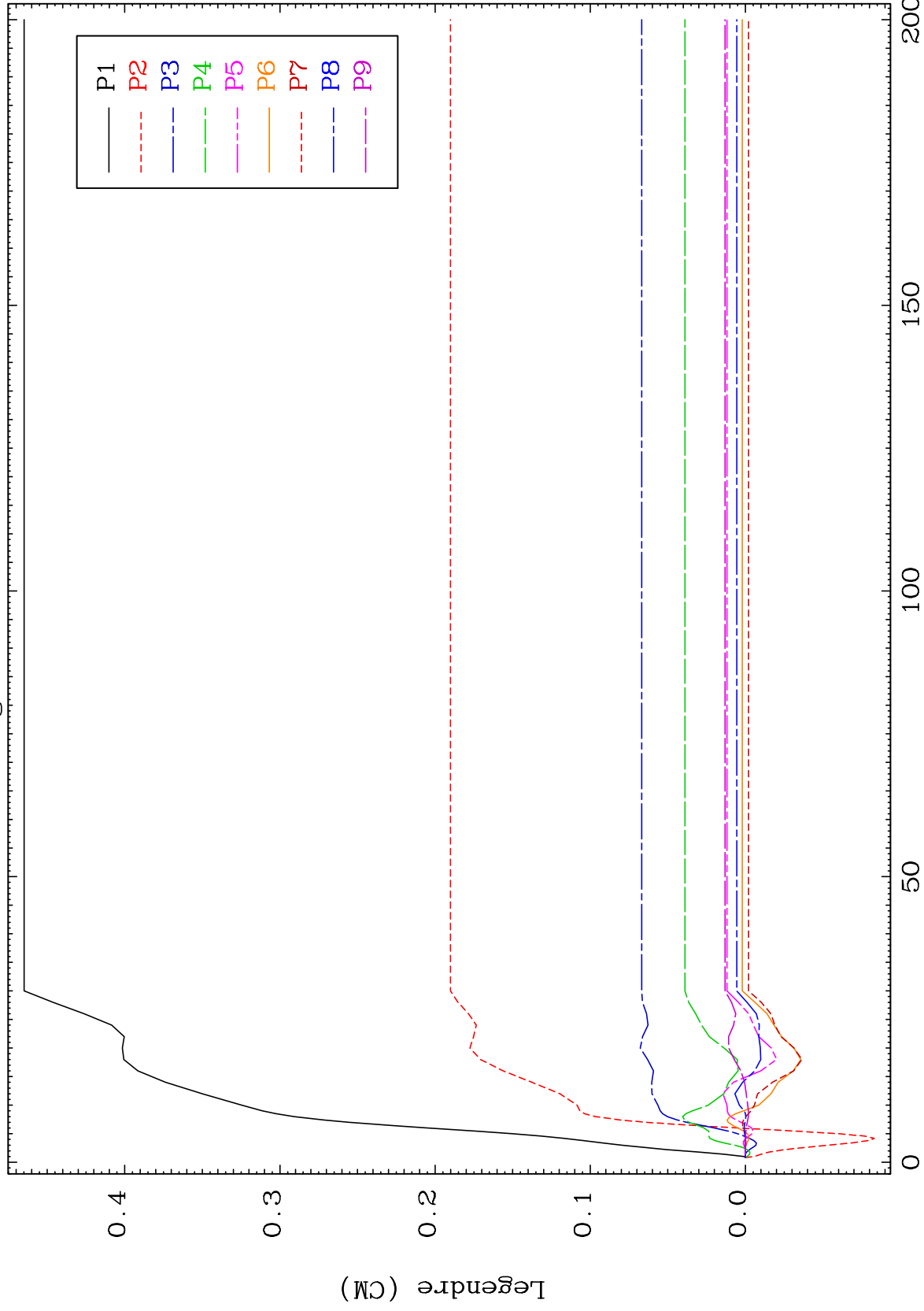
54-Xe-120



MAT 5413

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

54-Xe-120



26

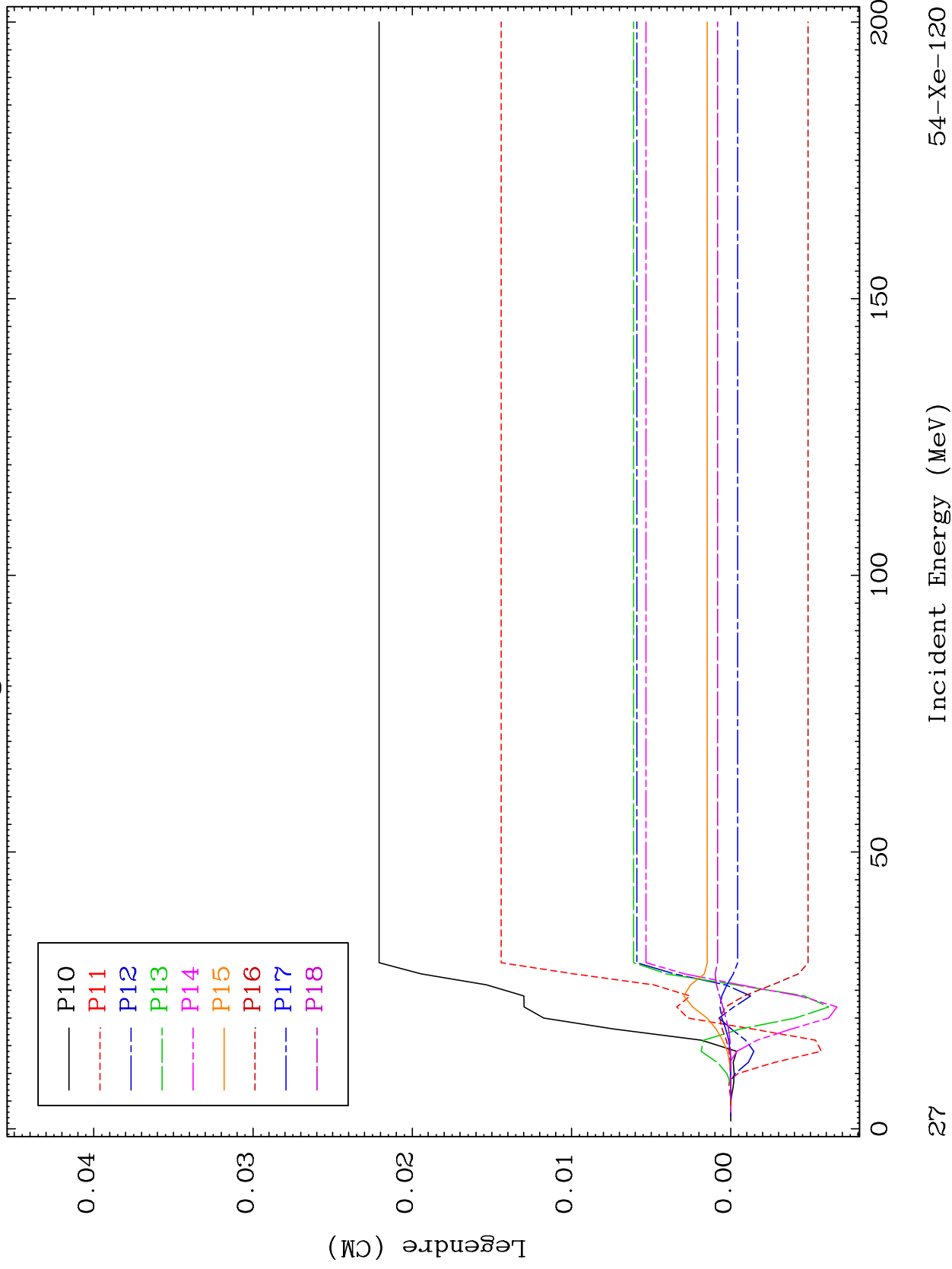
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



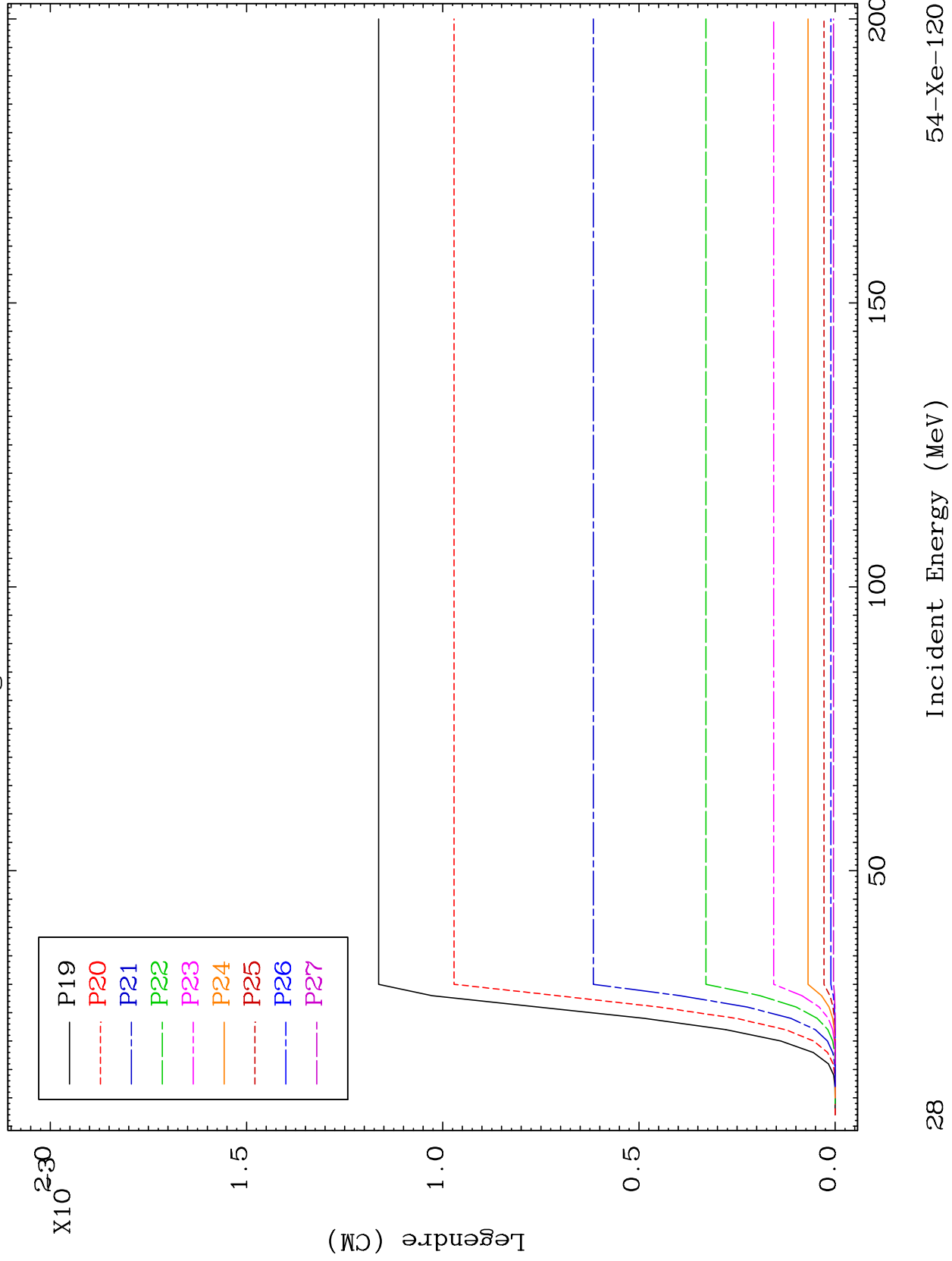
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54-Xe-120

MAT 5413

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

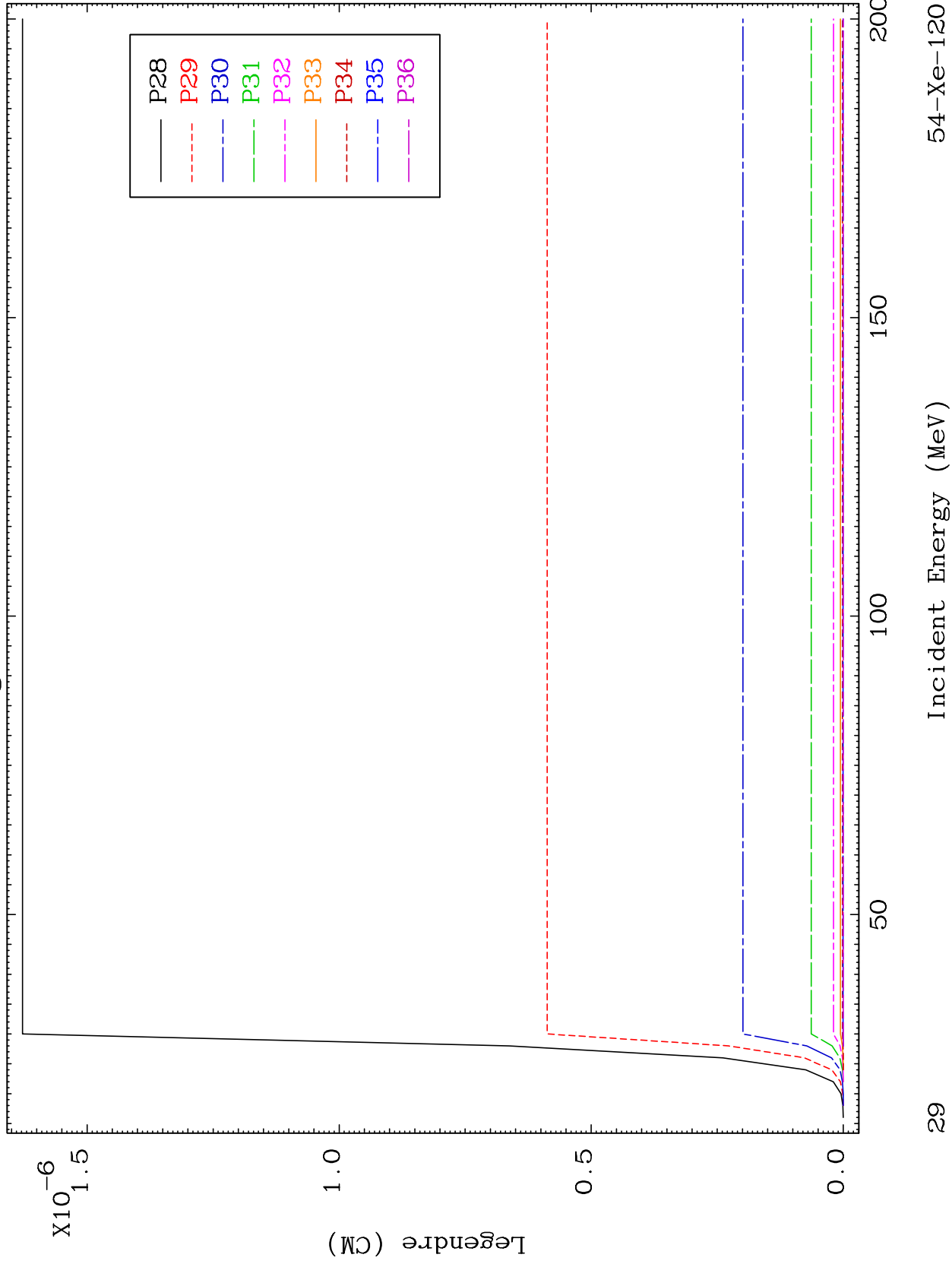
54-Xe-120



MAT 5413

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

54-Xe-120



29

Incident Energy (MeV)

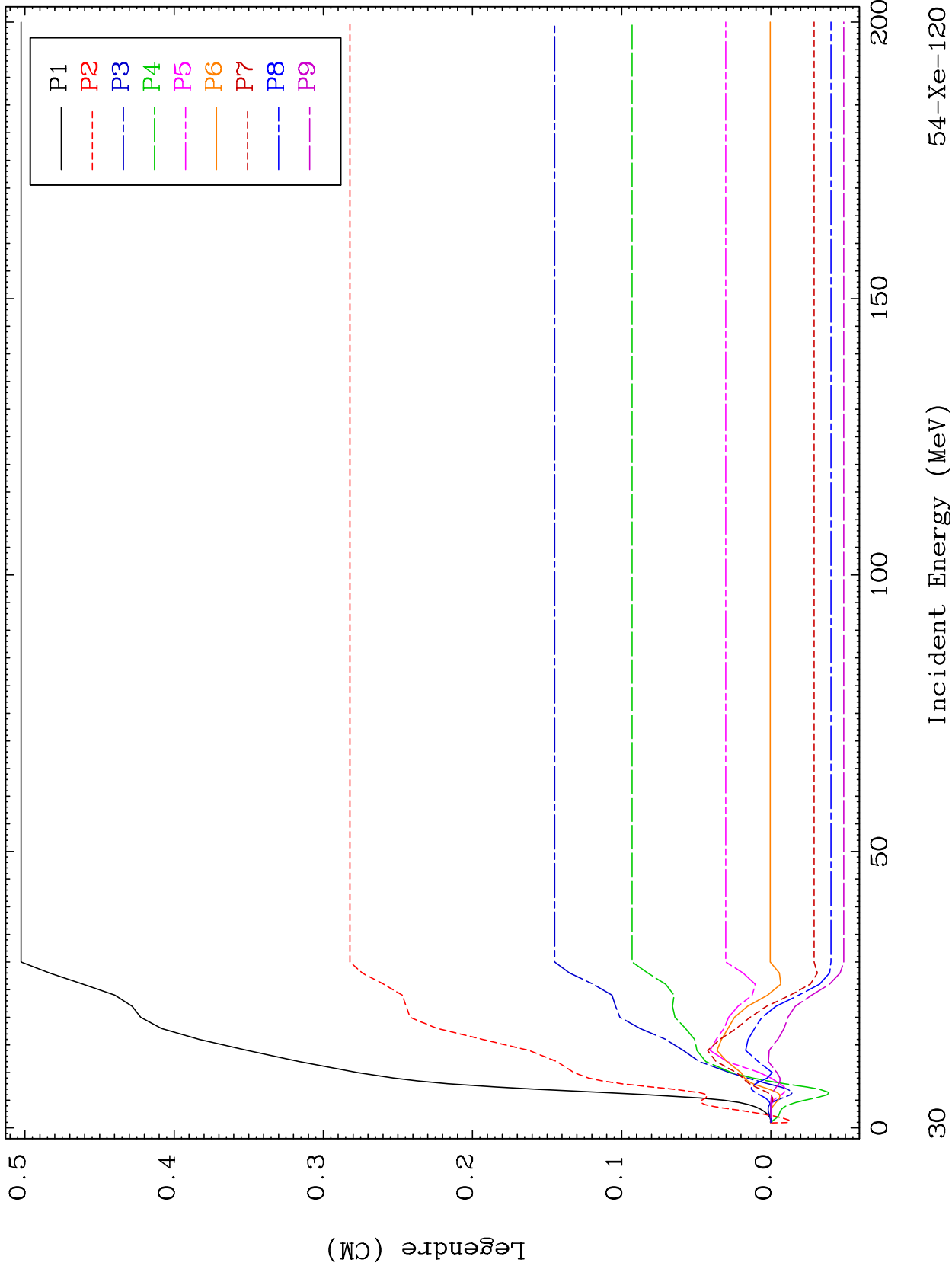
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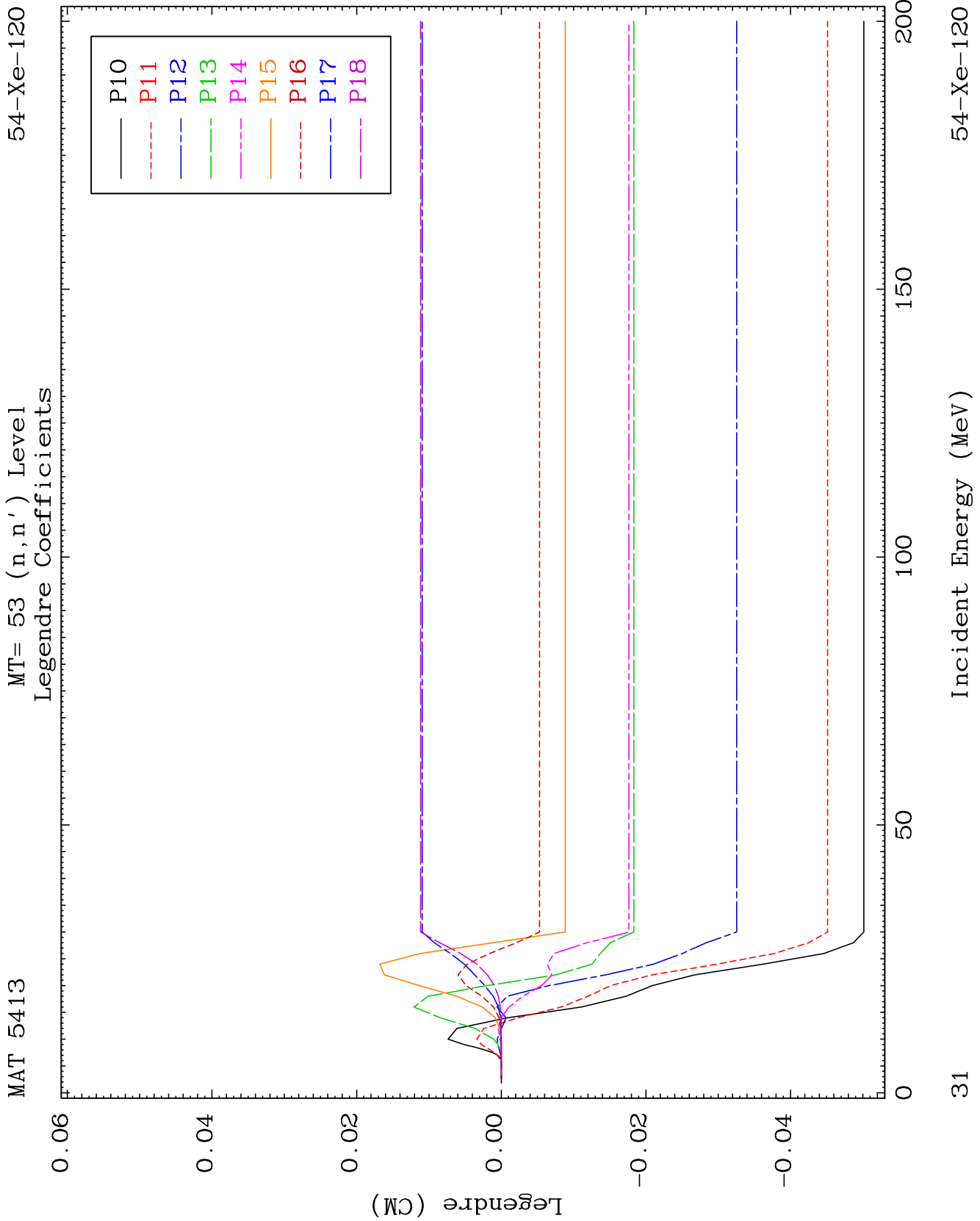
MAT 5413

MT= 53 (n,n') Level

54-Xe-120

Legendre Coefficients

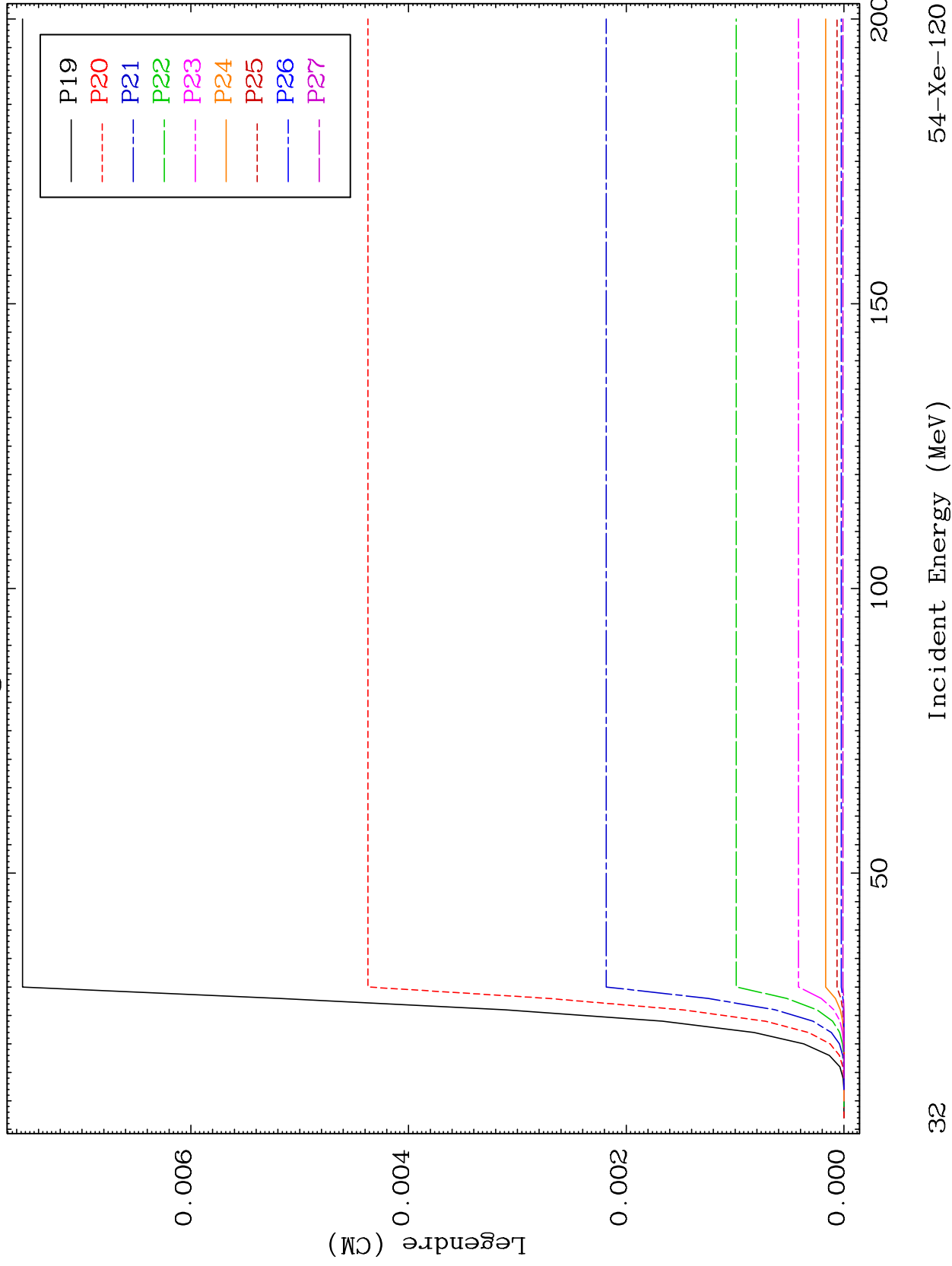




MAT 5413

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

54-Xe-120



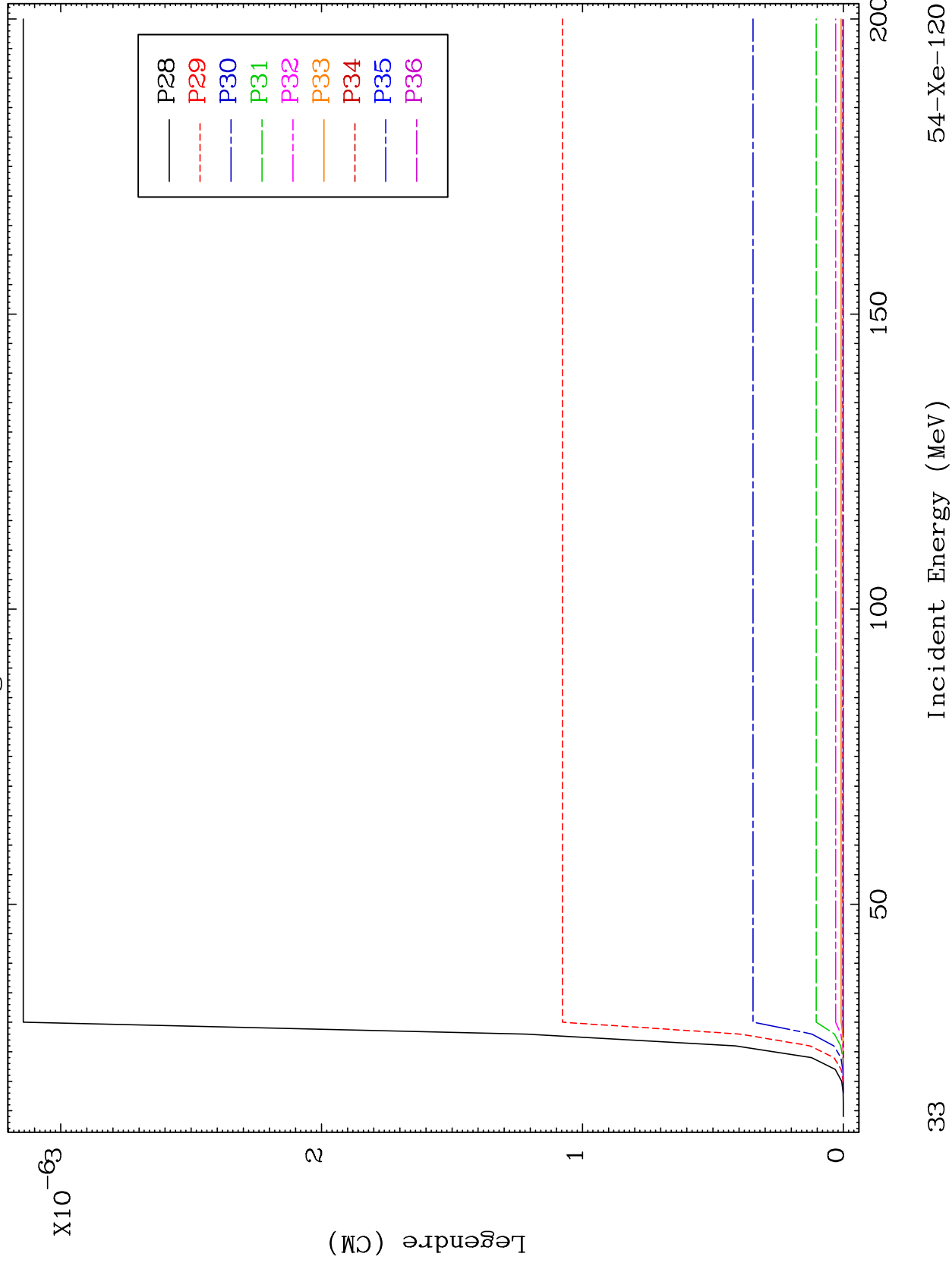
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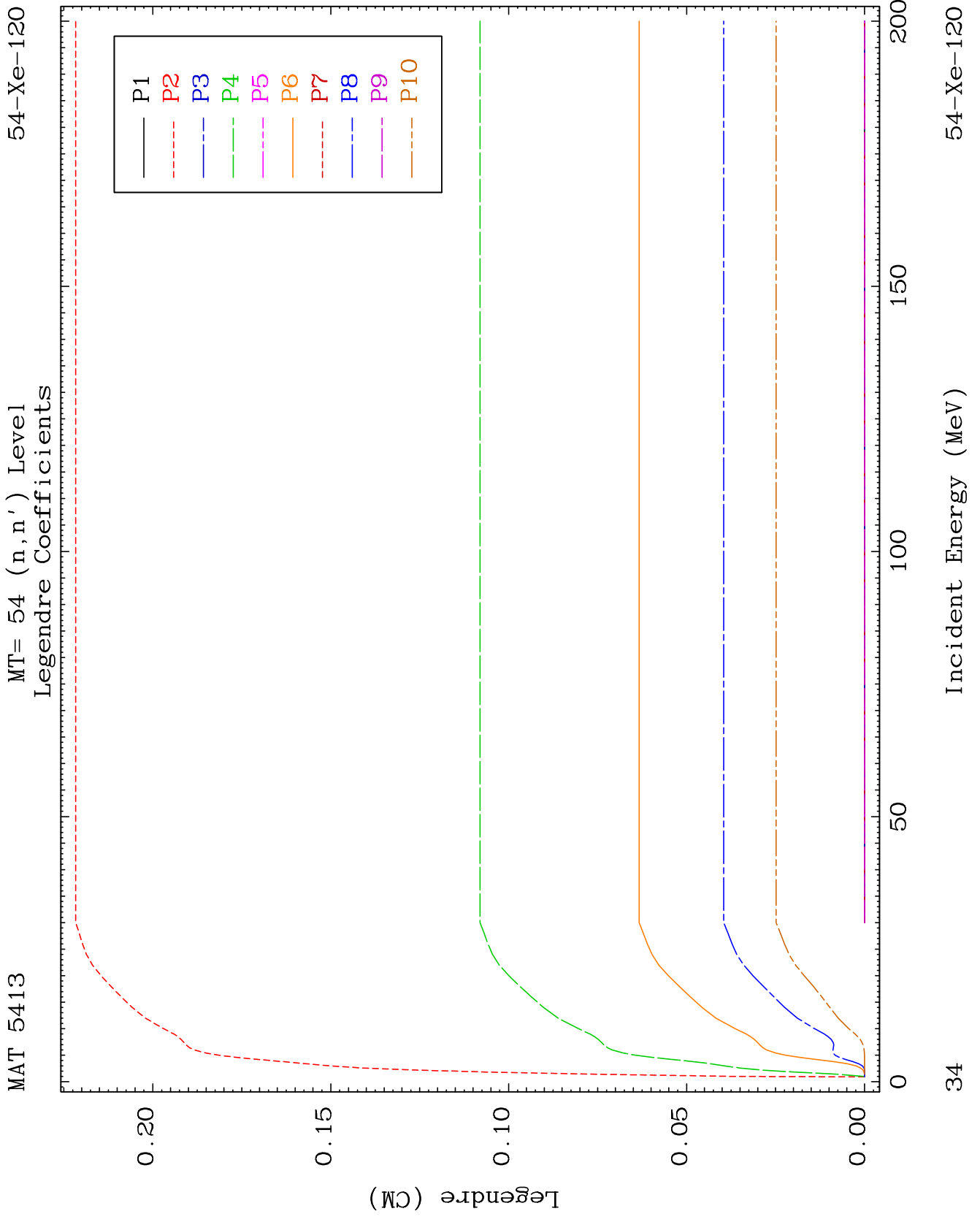
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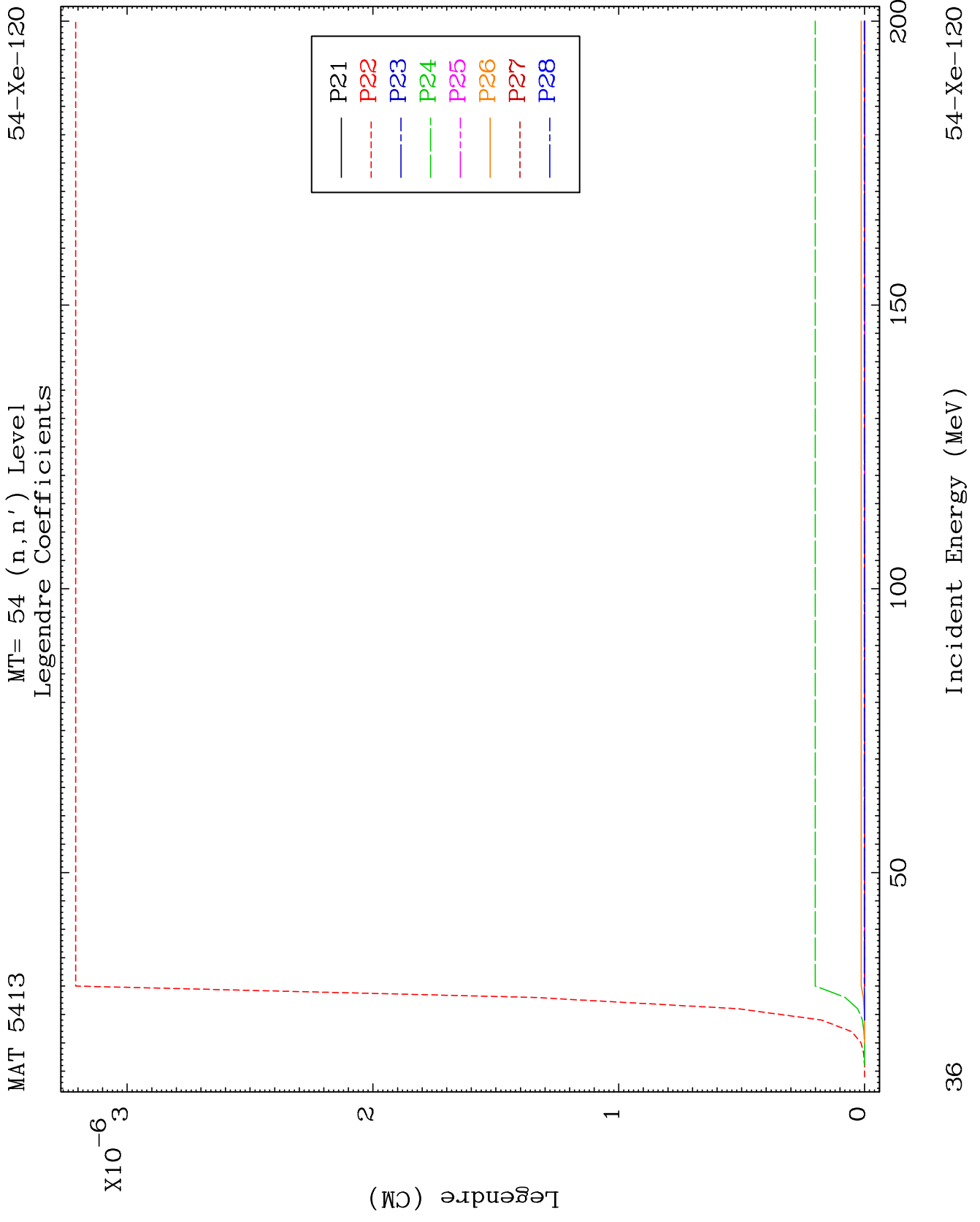
MAT 5413

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

54-Xe-120



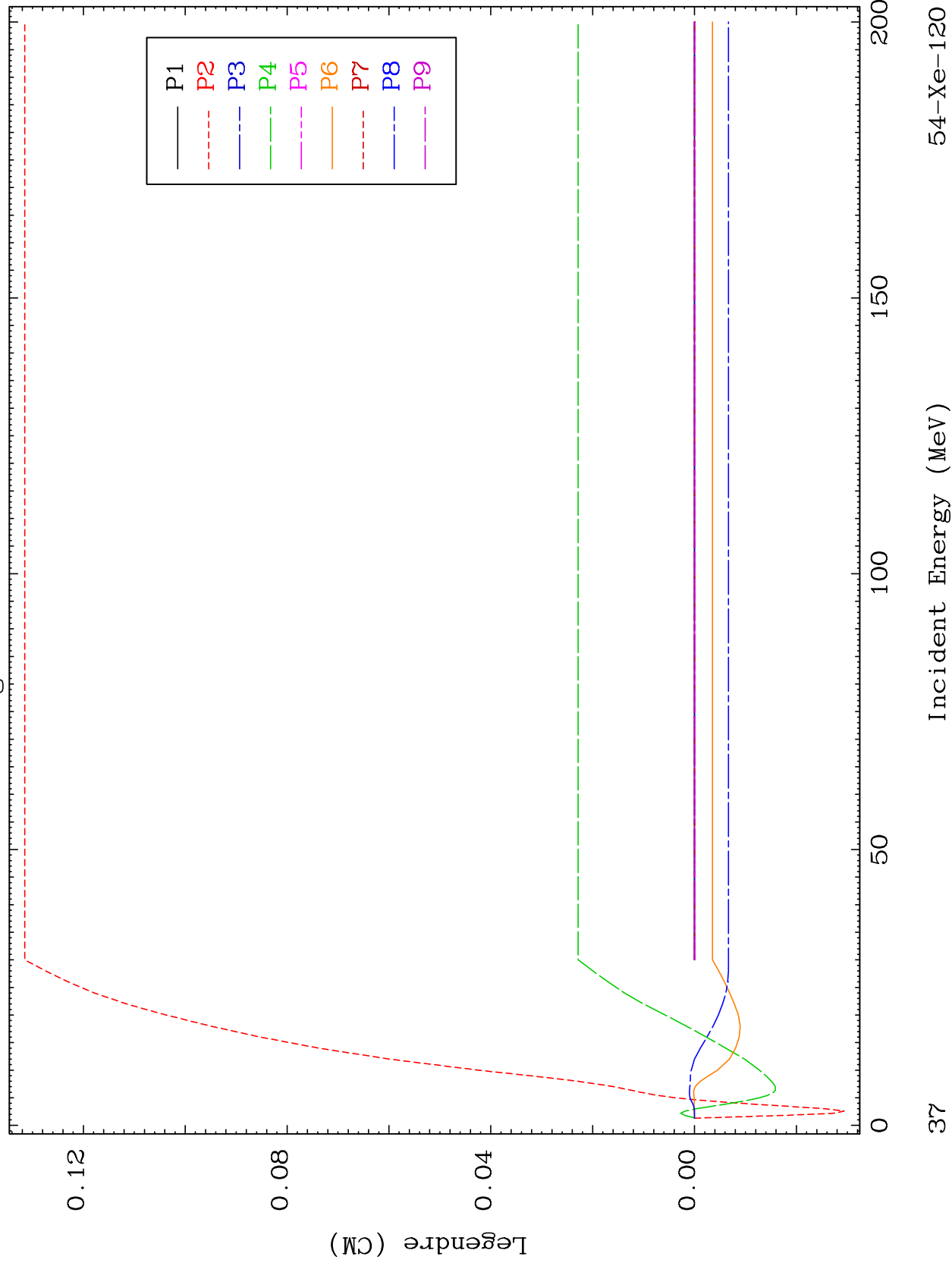




MAT 5413

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

54-Xe-120



54-Xe-120

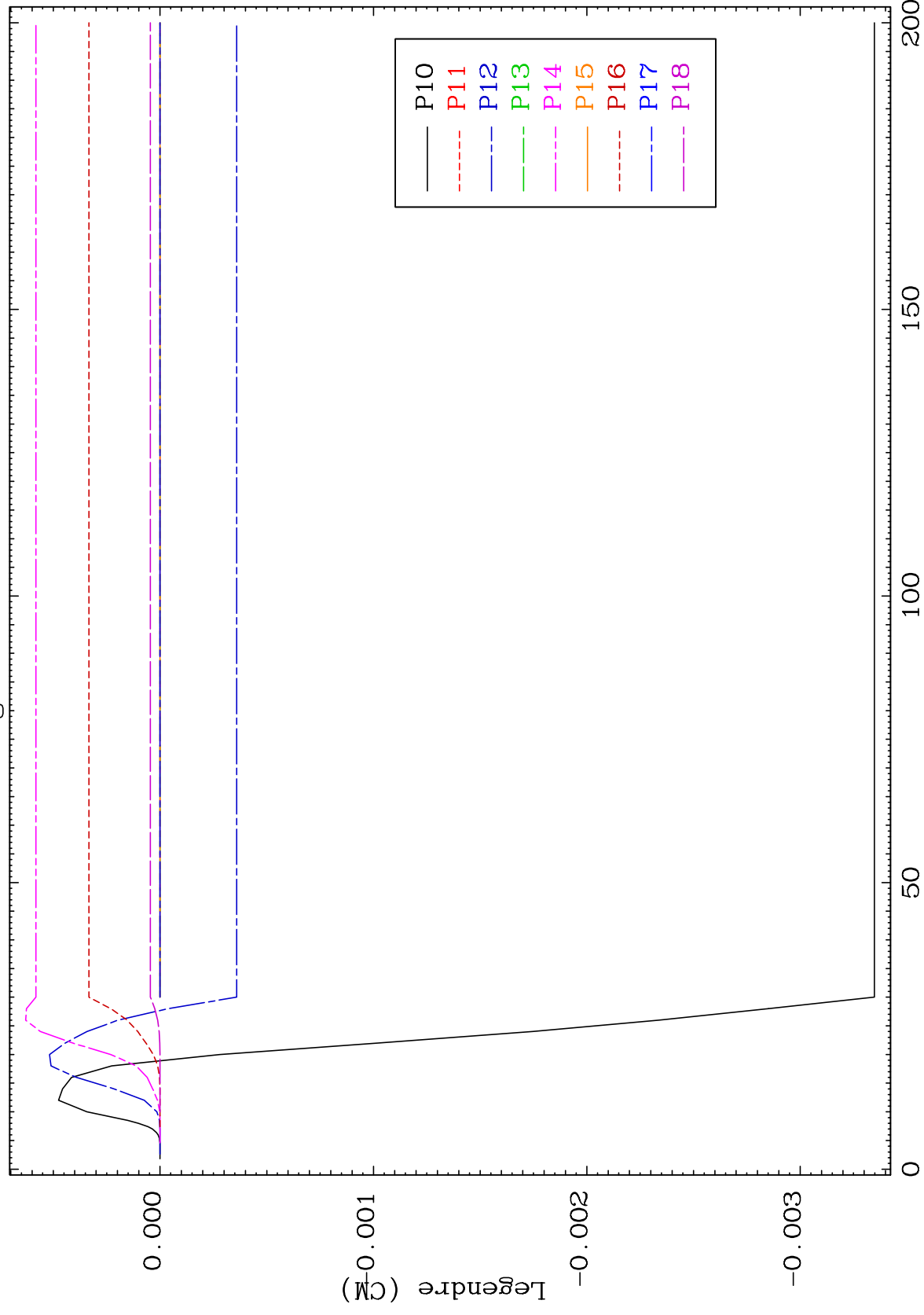
Incident Energy (MeV)

37

MAT 5413

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

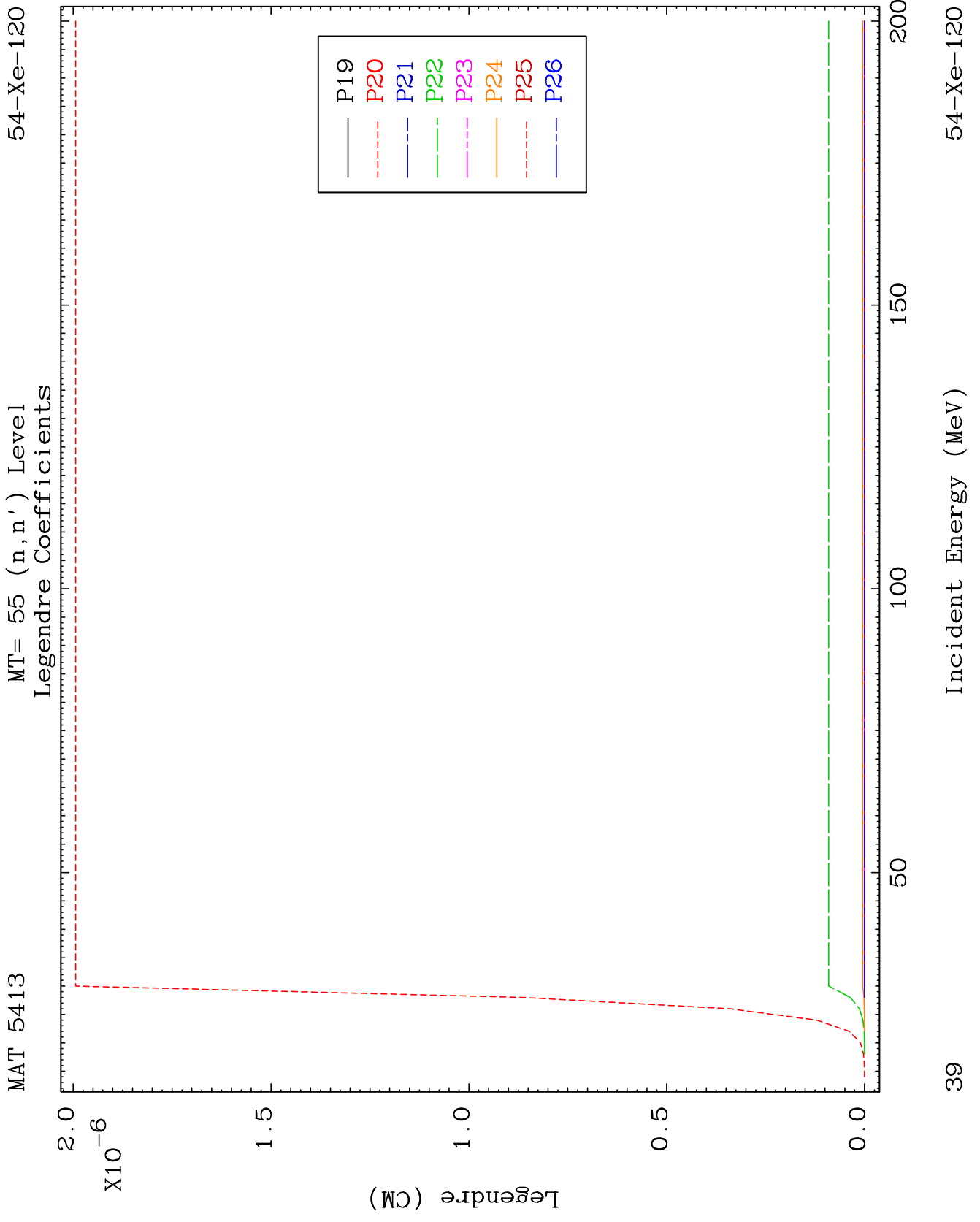
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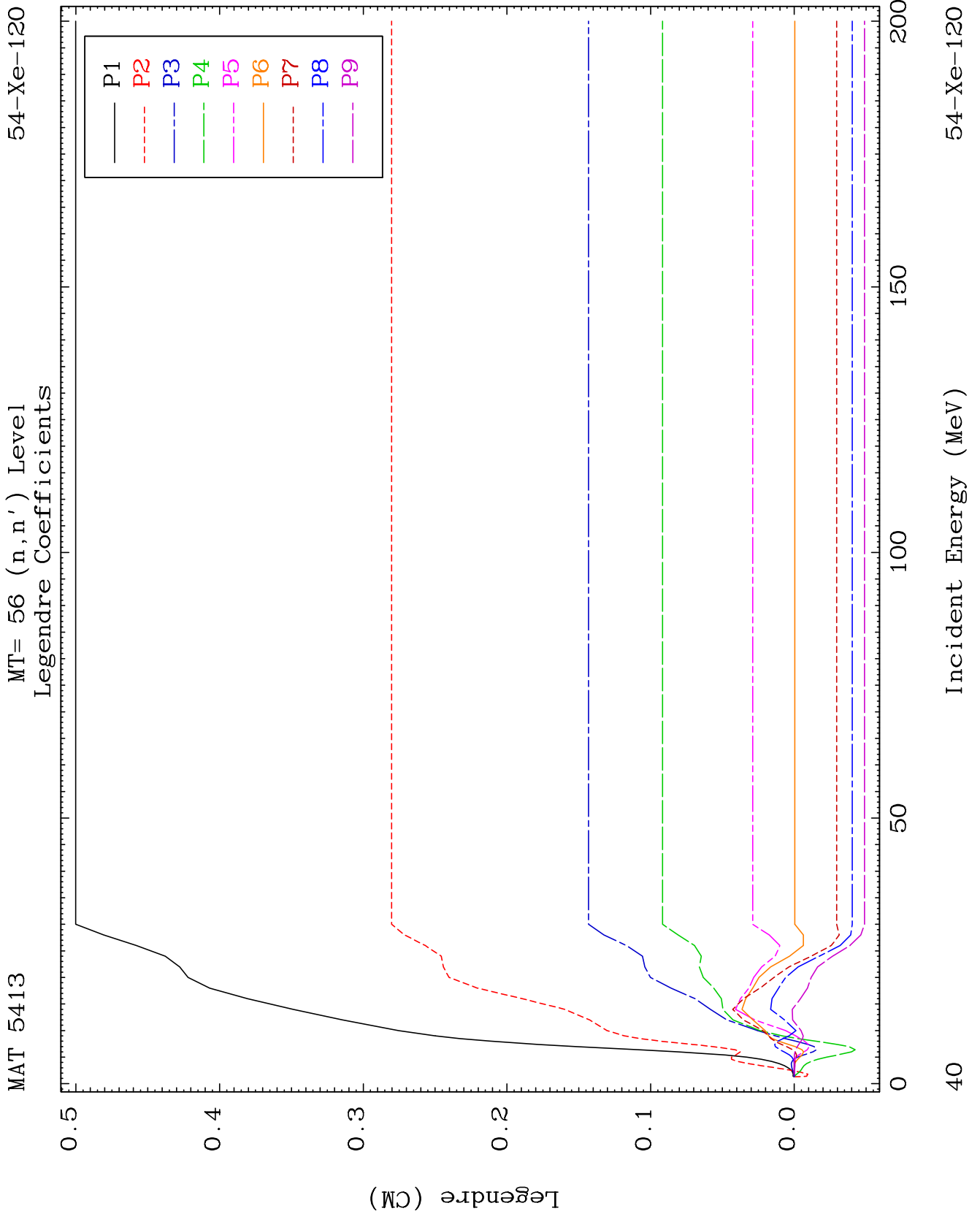


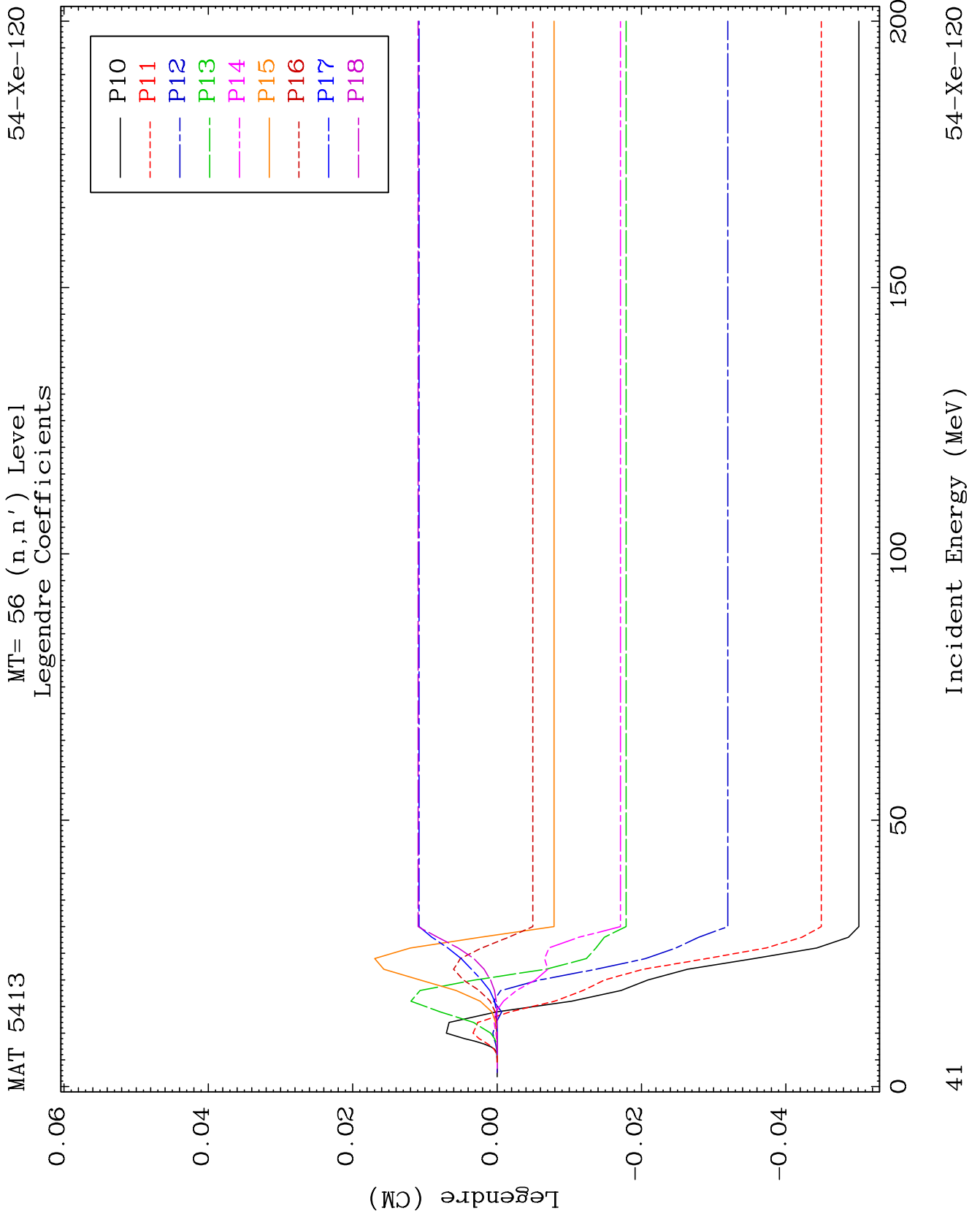
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Incident Energy (MeV)

54-Xe-120



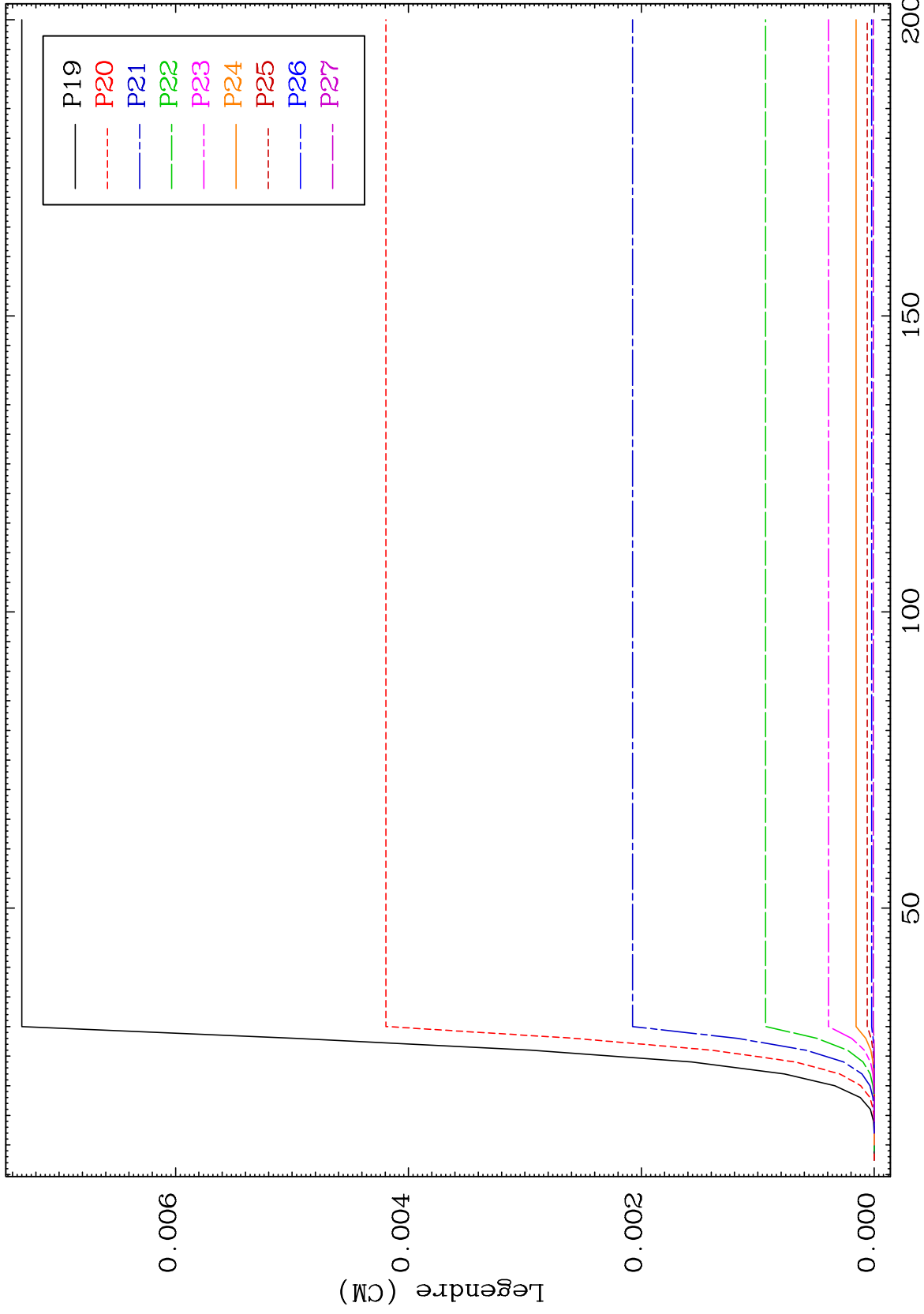




MAT 5413

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

54-Xe-120



42

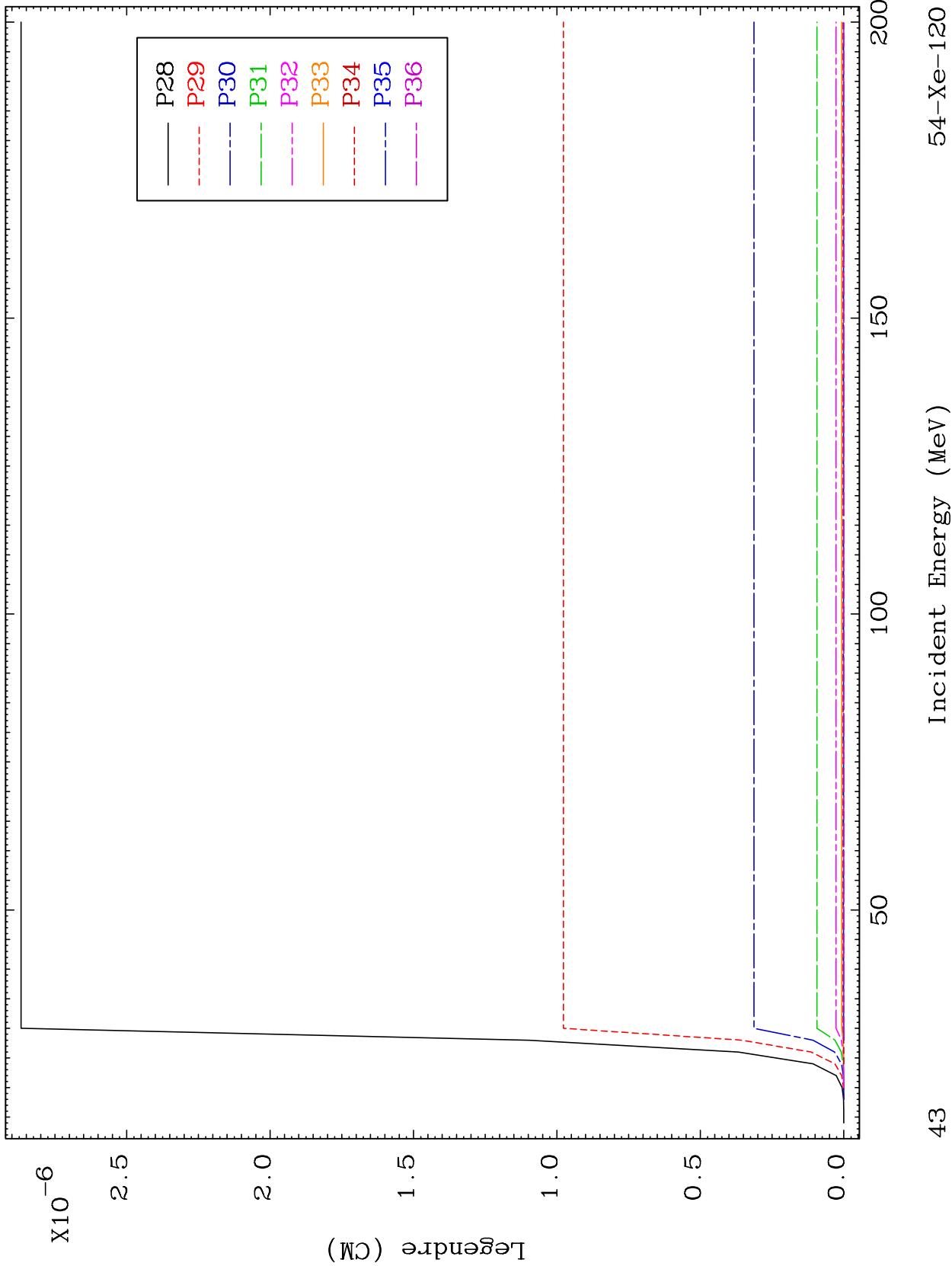
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



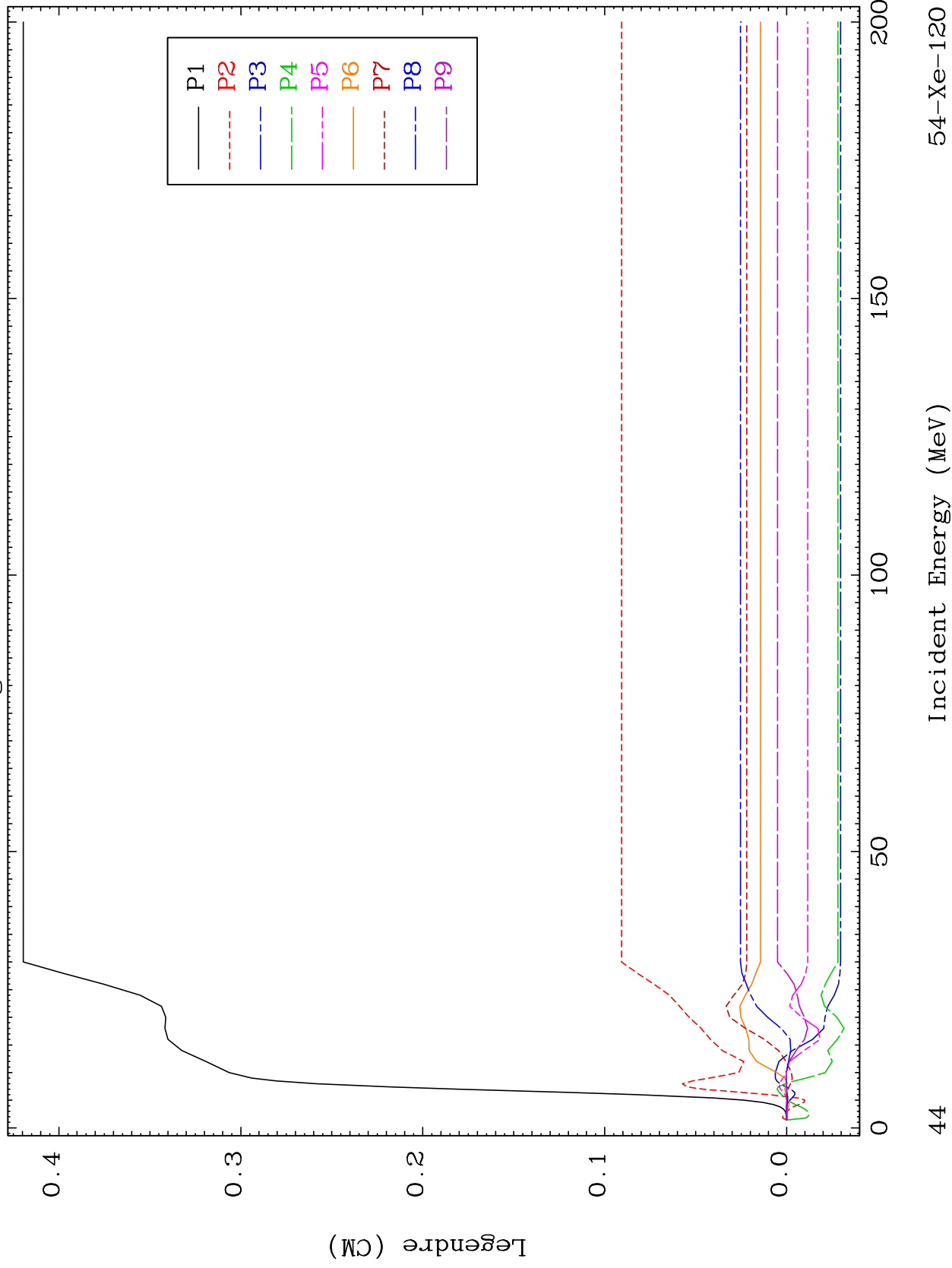
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54-Xe-120

MAT 5413

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

54-Xe-120



54-Xe-120

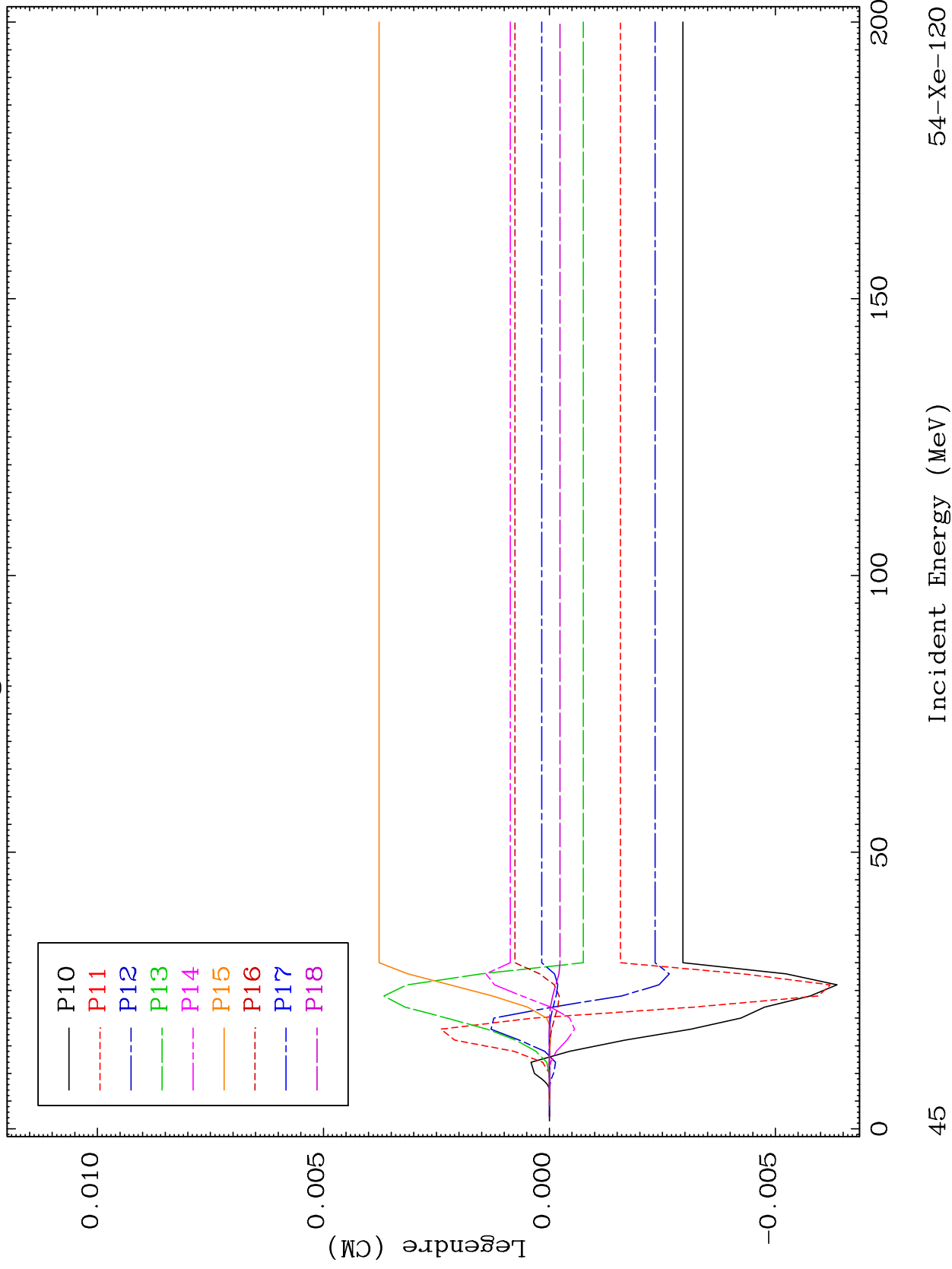
Incident Energy (MeV)

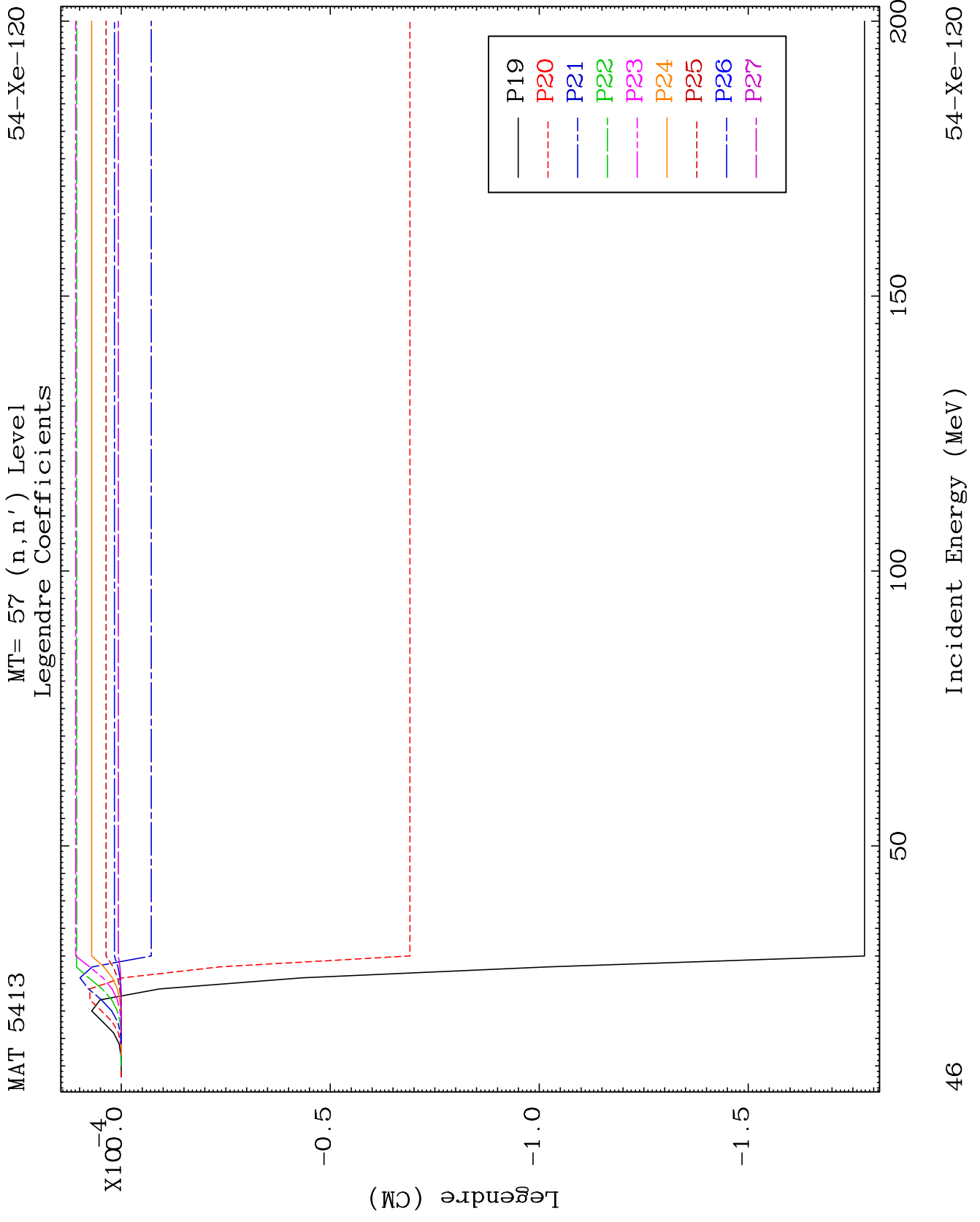
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MAT 5413

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

54-Xe-120

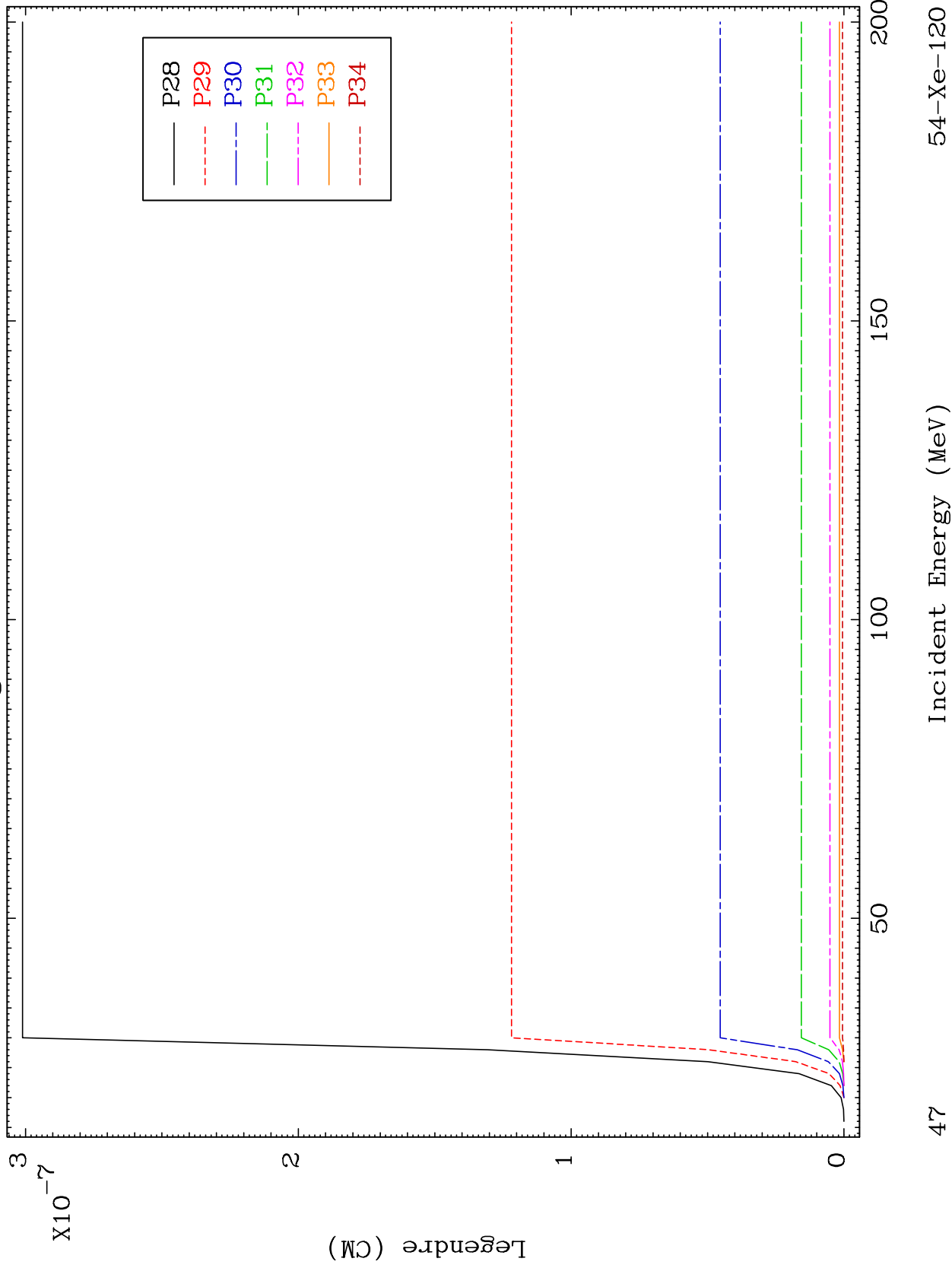




MAT 5413

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

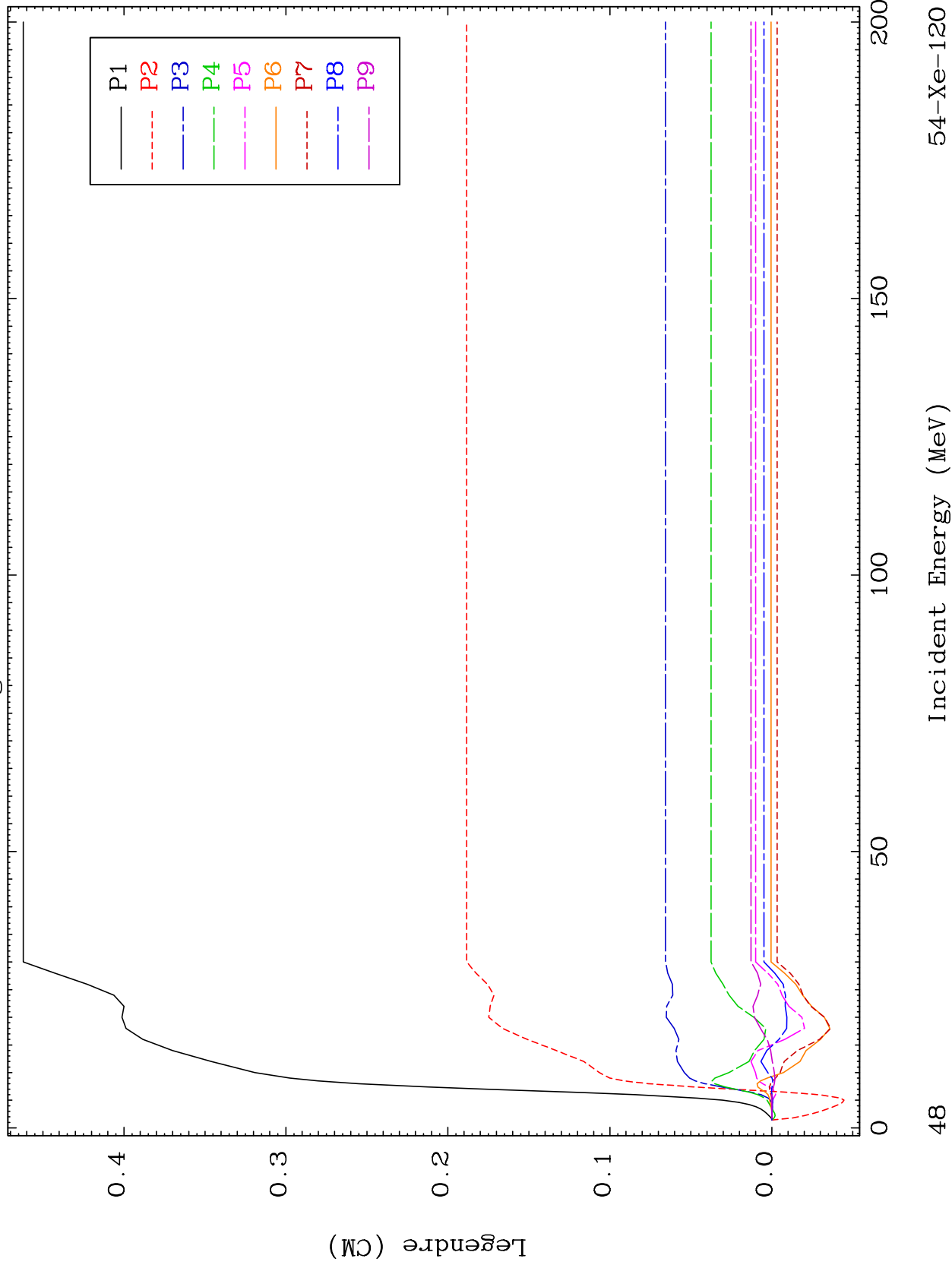
54-Xe-120



MAT 5413

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

54-Xe-120



54-Xe-120

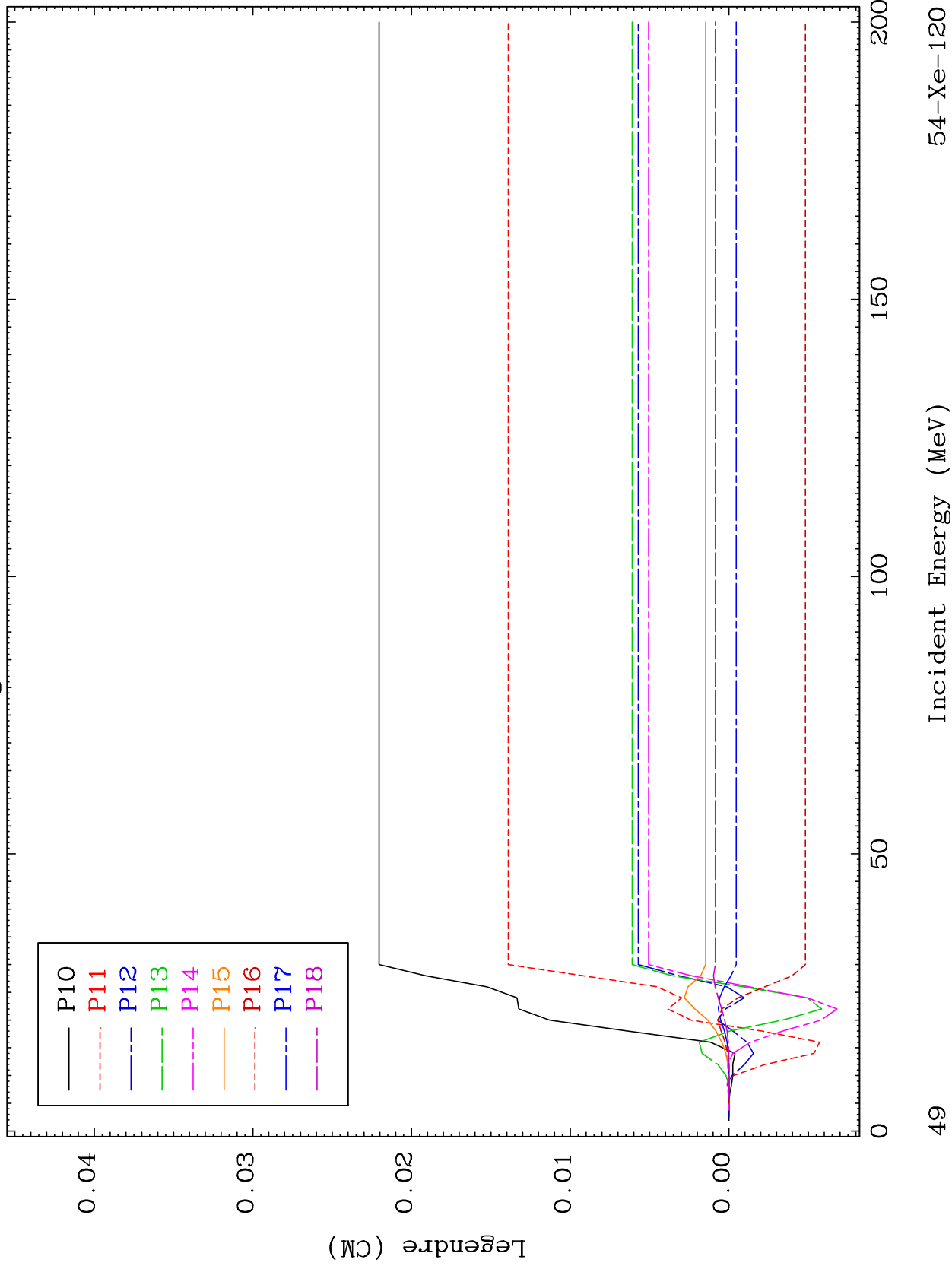
Incident Energy (MeV)

48

MAT 5413

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

54-Xe-120



49

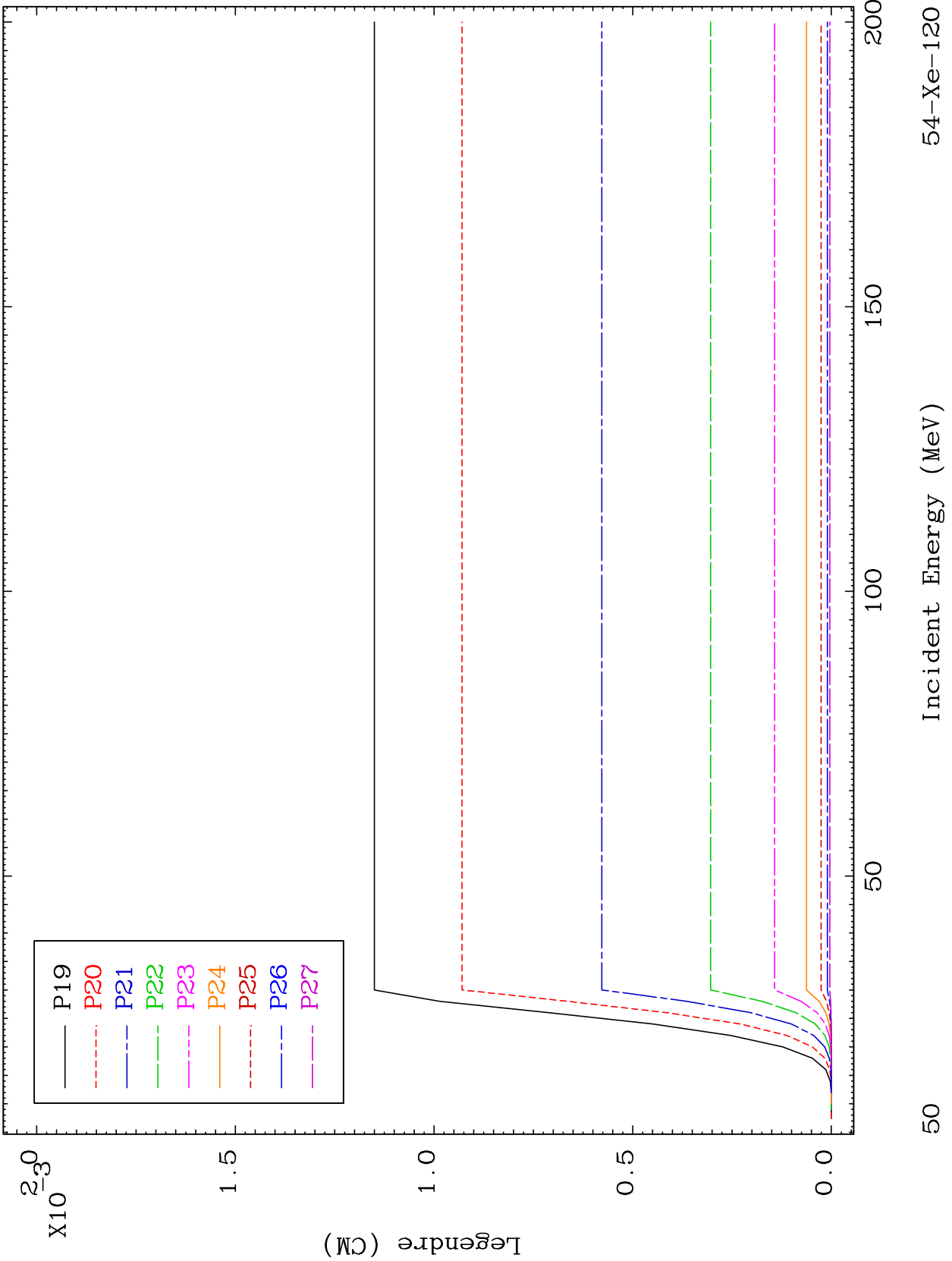
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

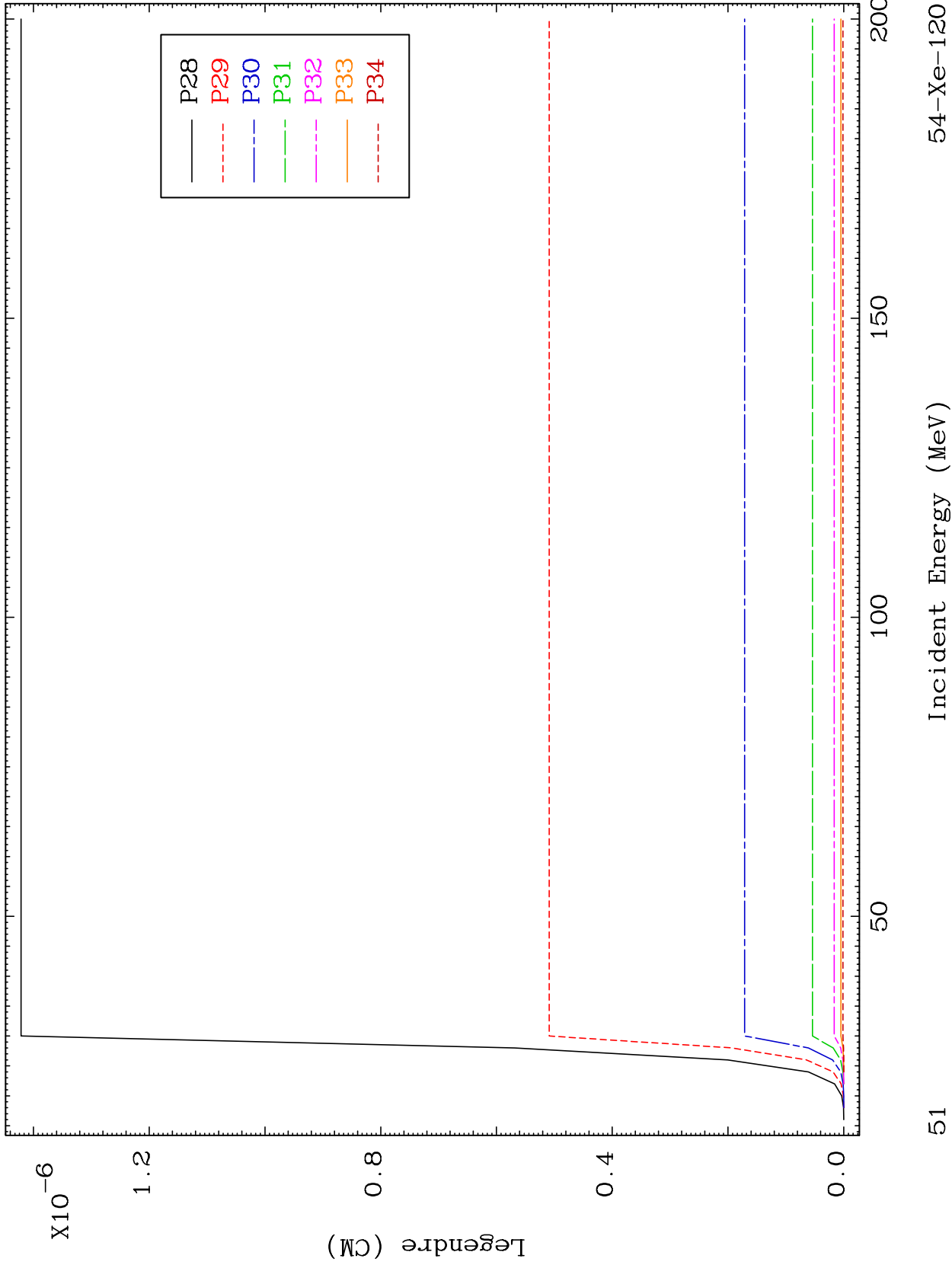
54-Xe-120



MAT 5413

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

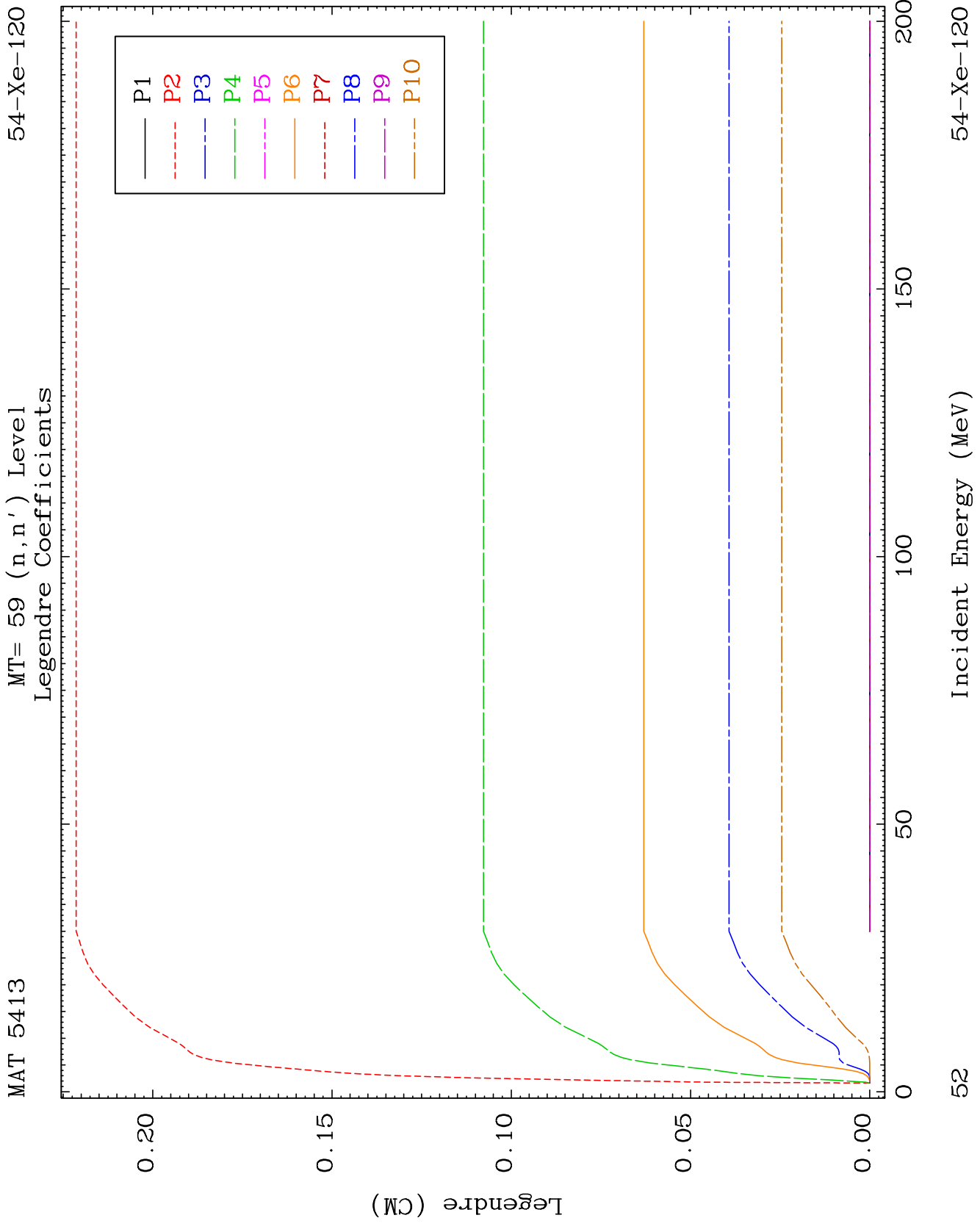
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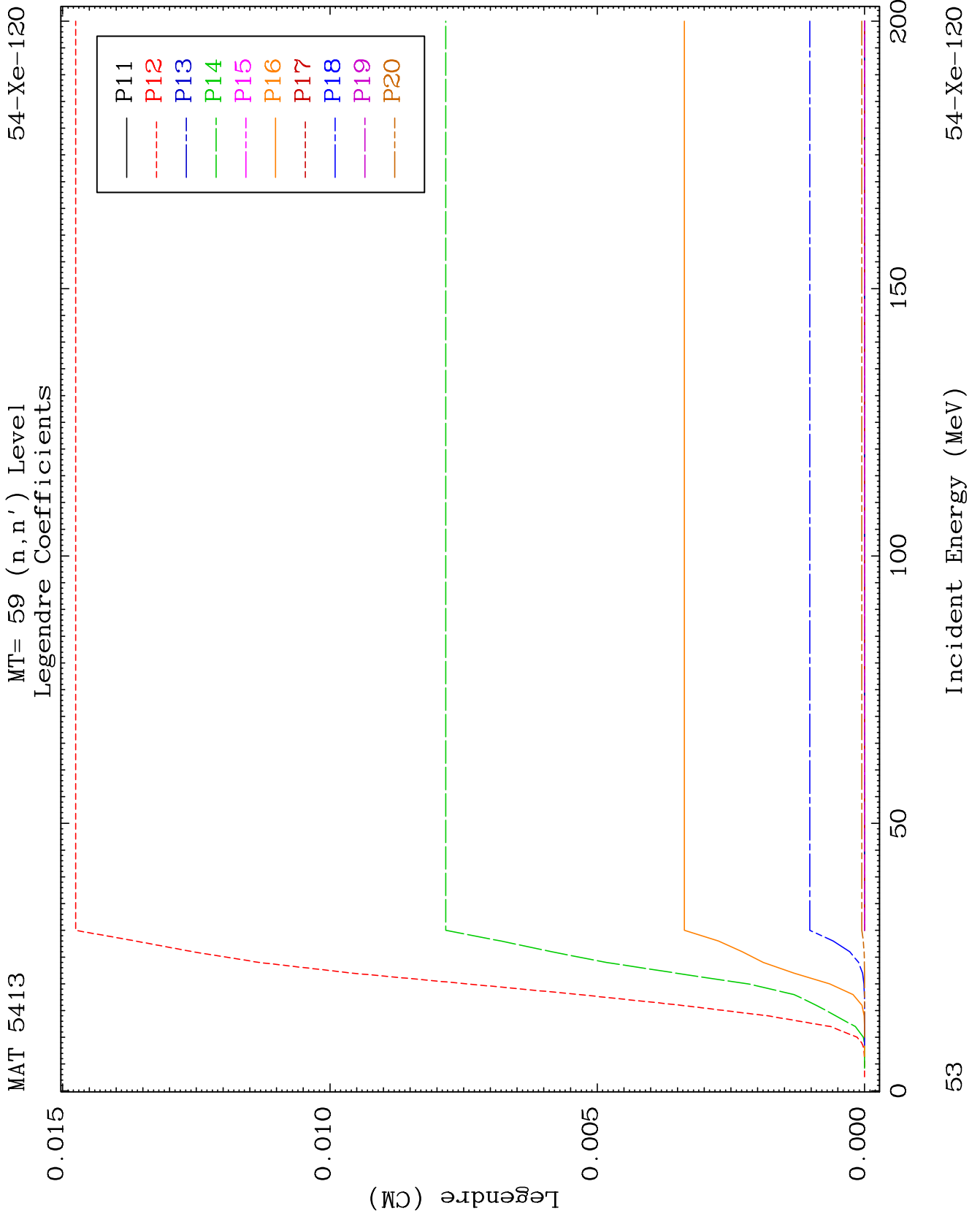


51

Incident Energy (MeV)

54-Xe-120

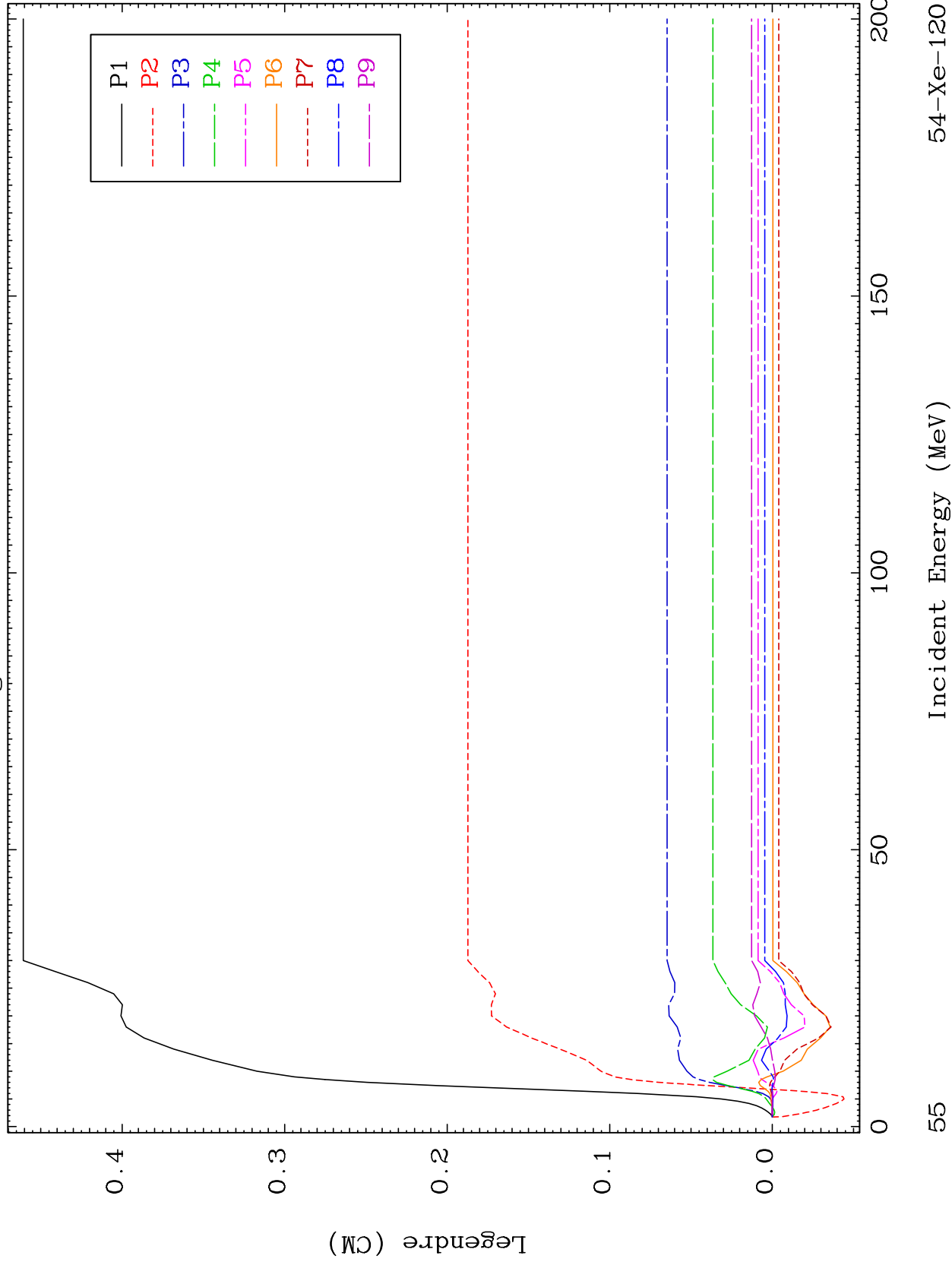




MAT 5413

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

54-Xe-120



54-Xe-120

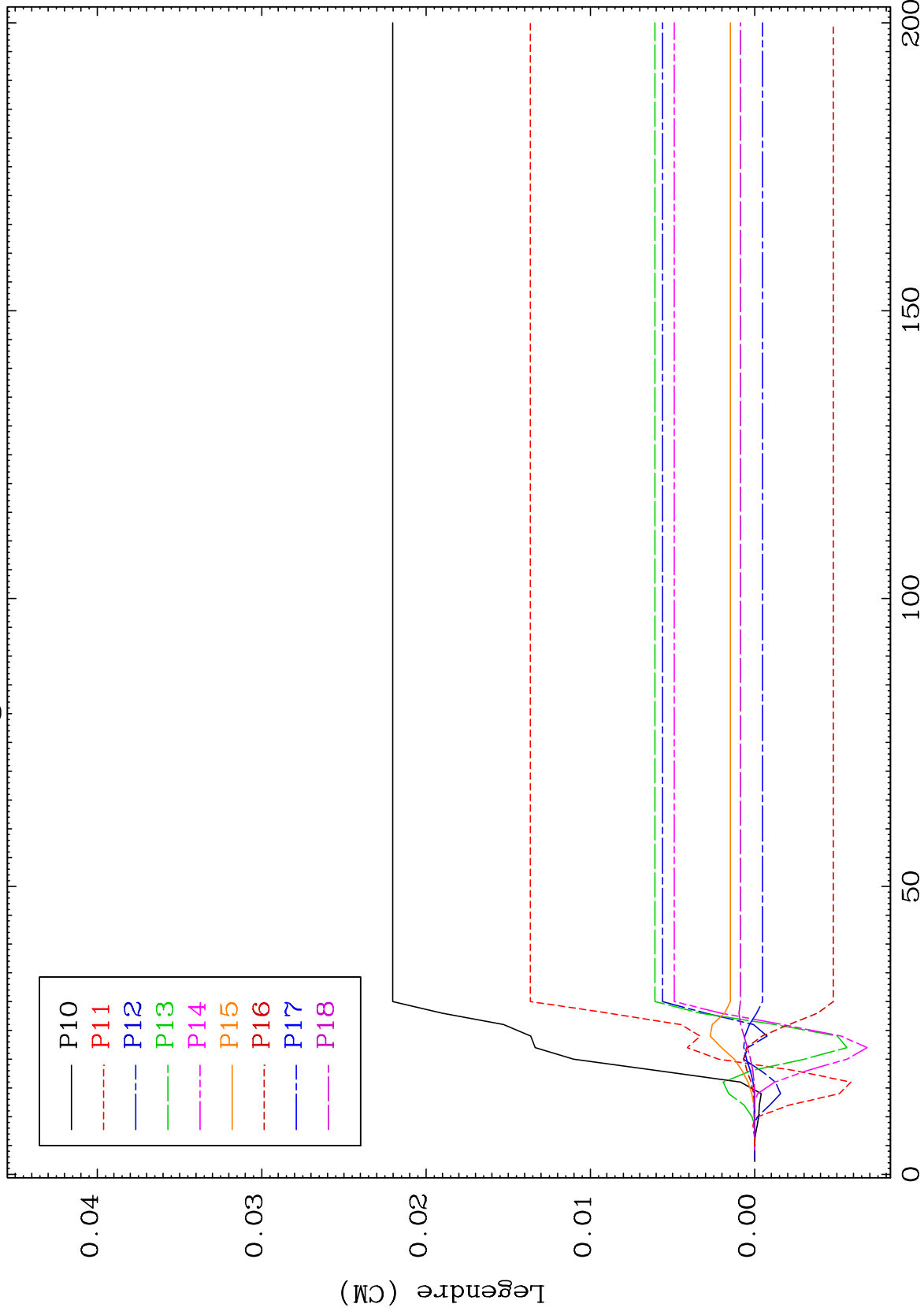
Incident Energy (MeV)

55

MAT 5413

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

54-Xe-120



56

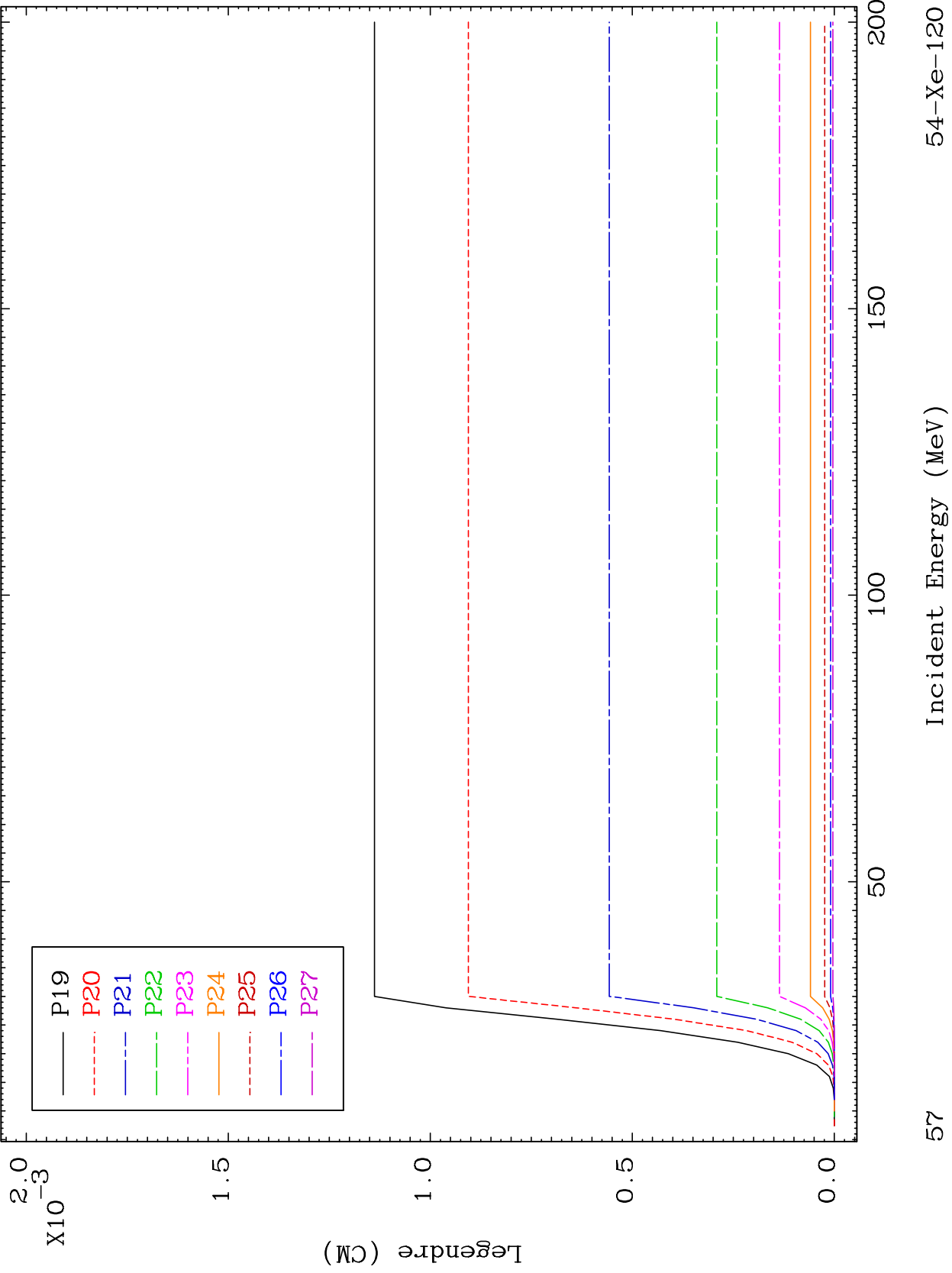
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



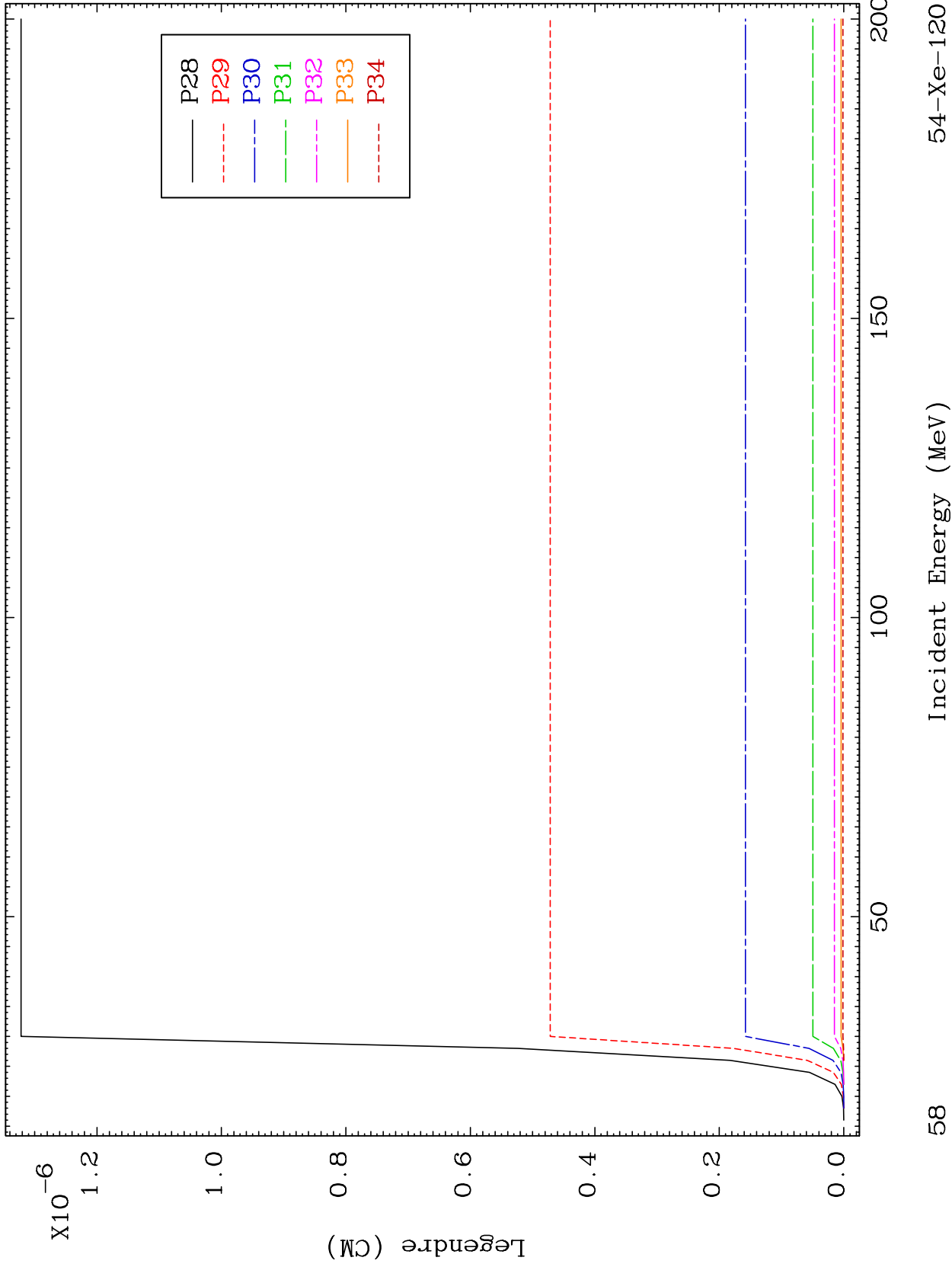
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54-Xe-120

MAT 5413

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

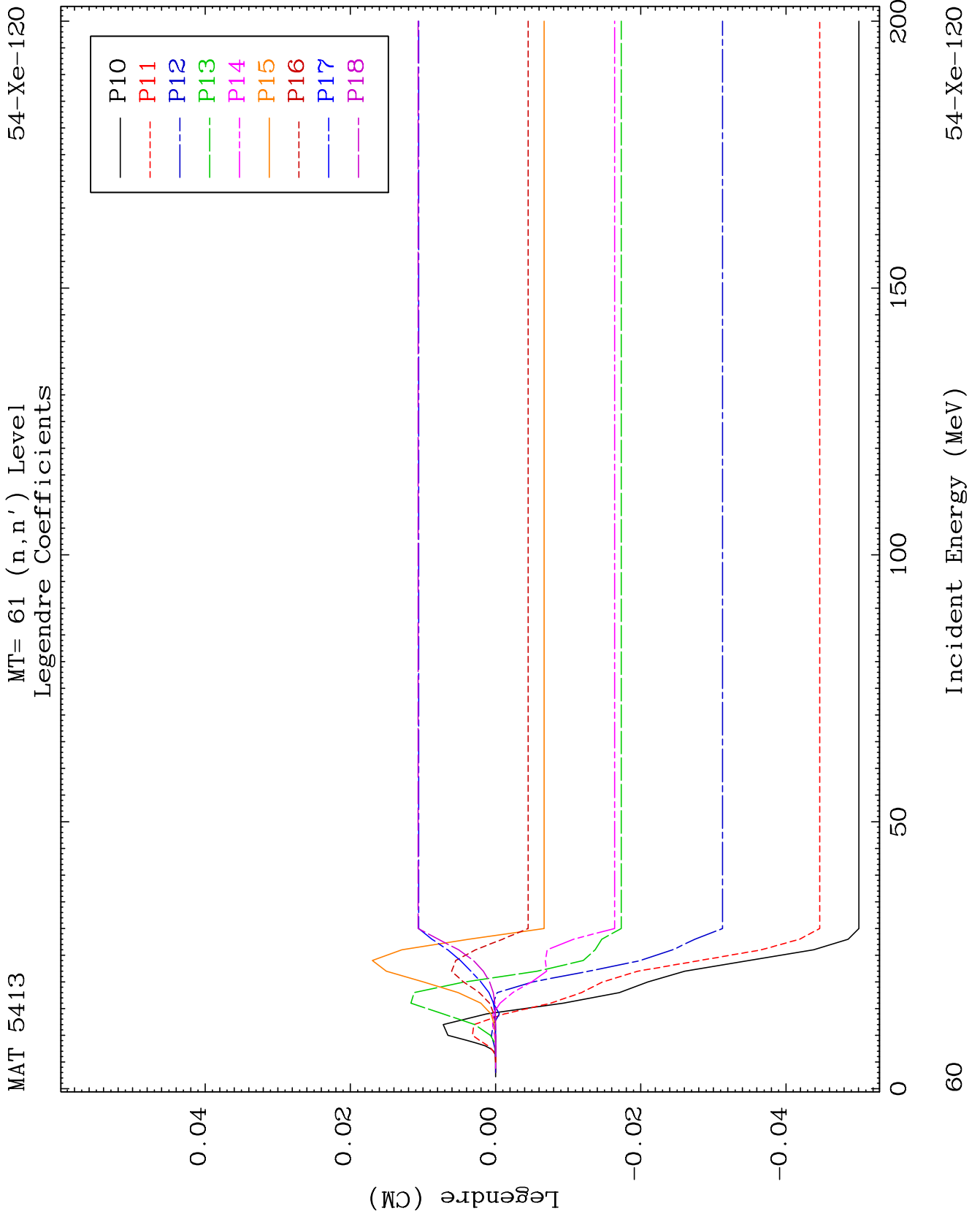
54-Xe-120



58

Incident Energy (MeV)

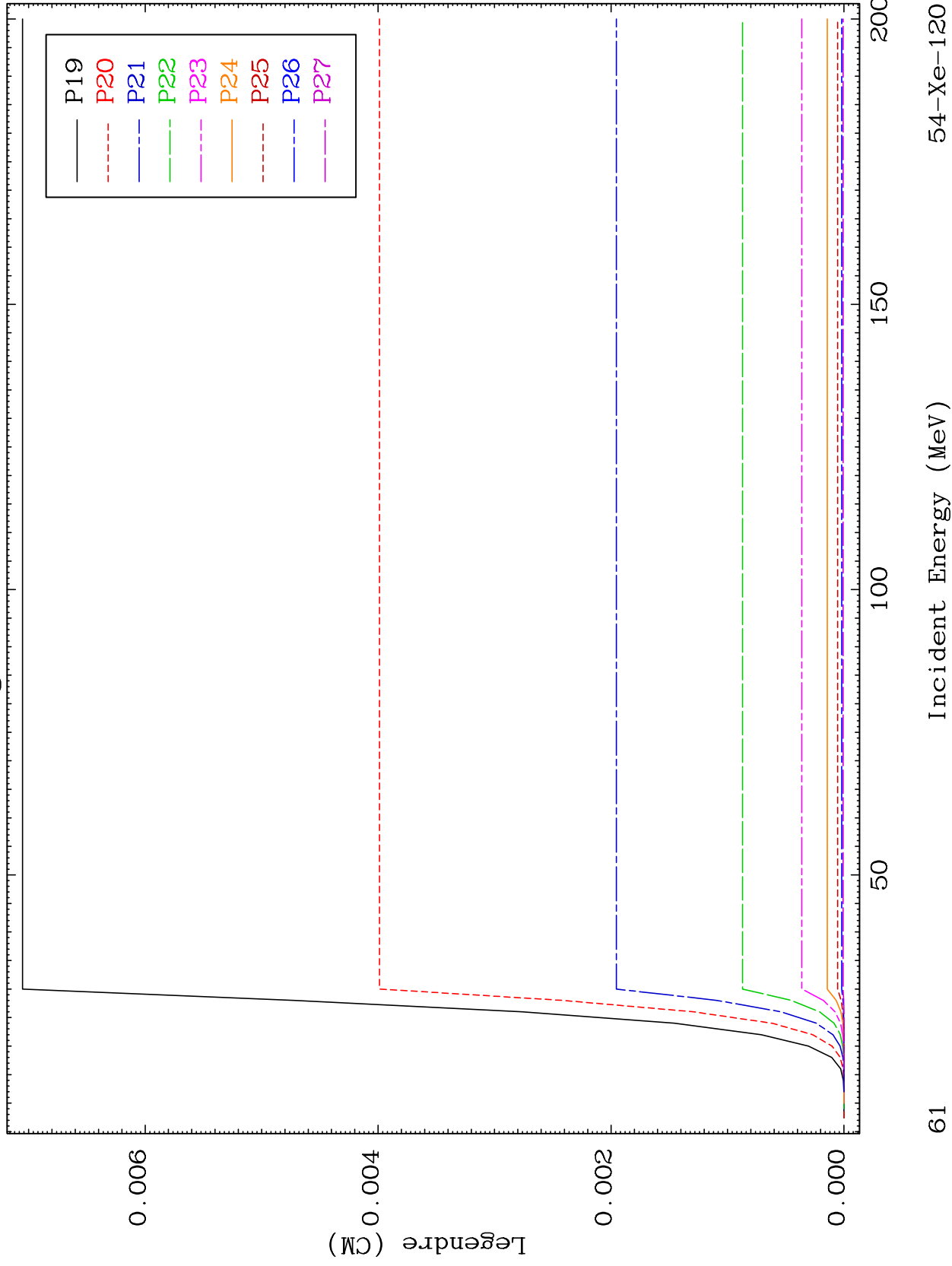
54-Xe-120



MAT 5413

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

54-Xe-120



61

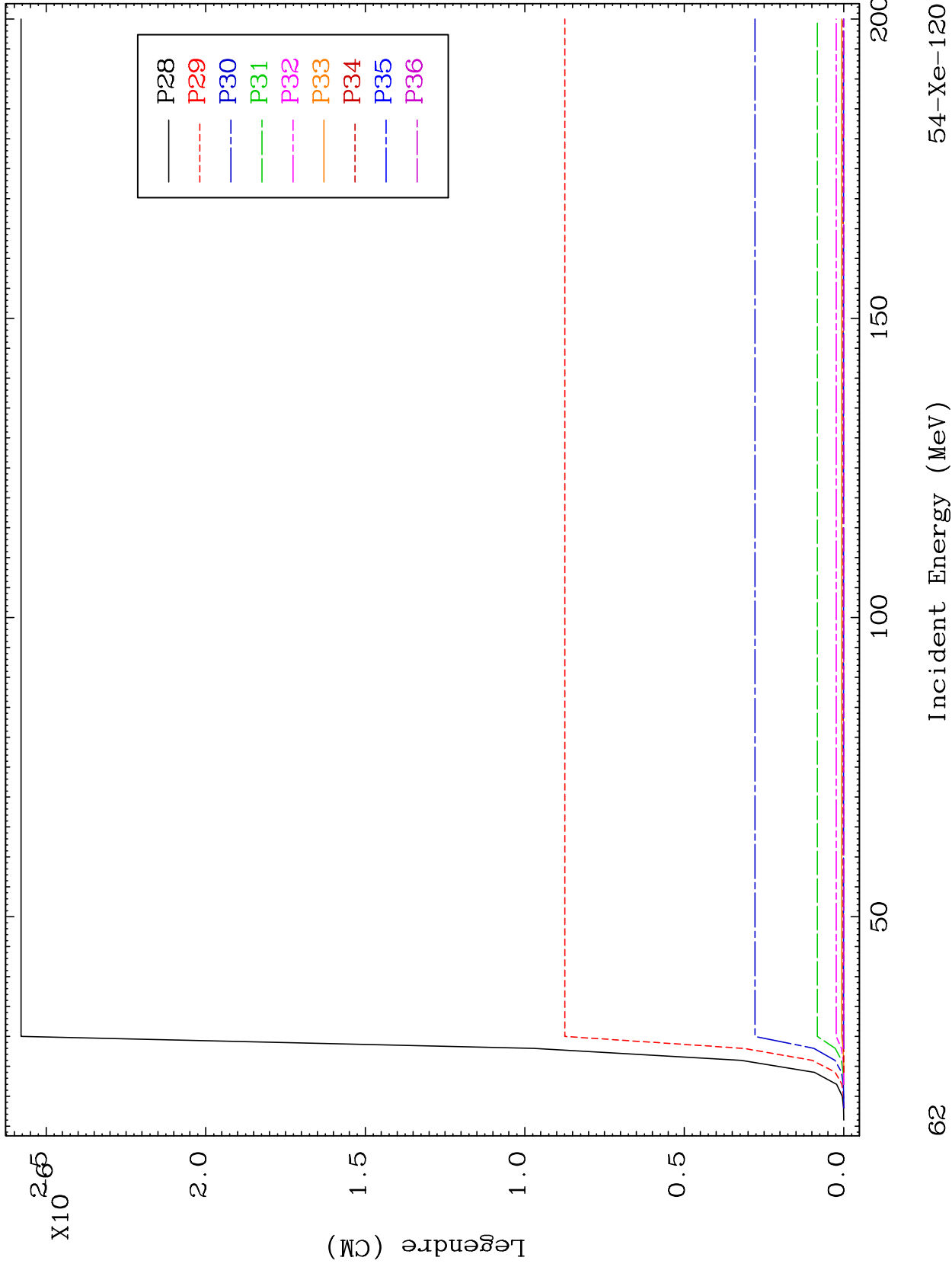
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



62

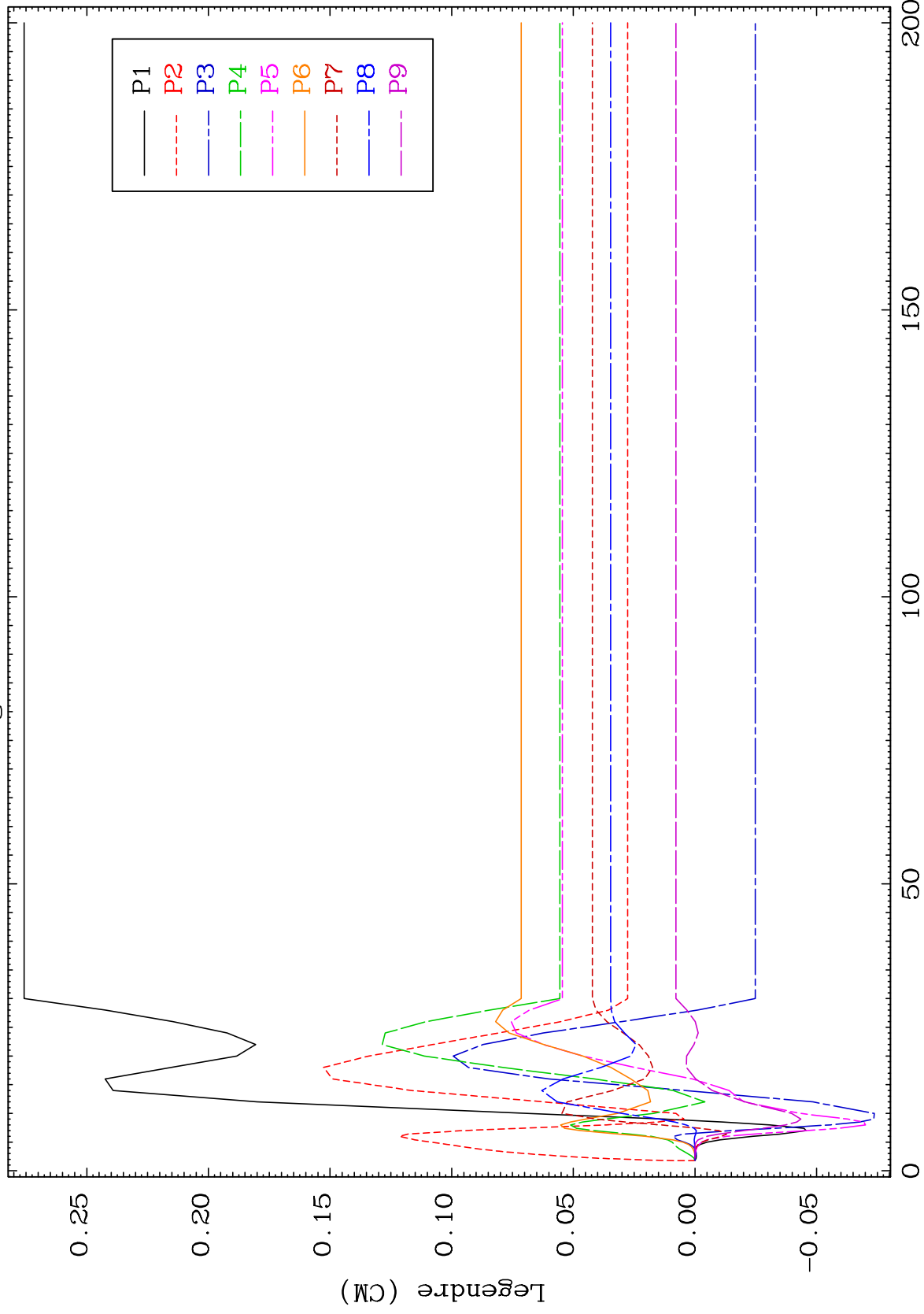
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



63

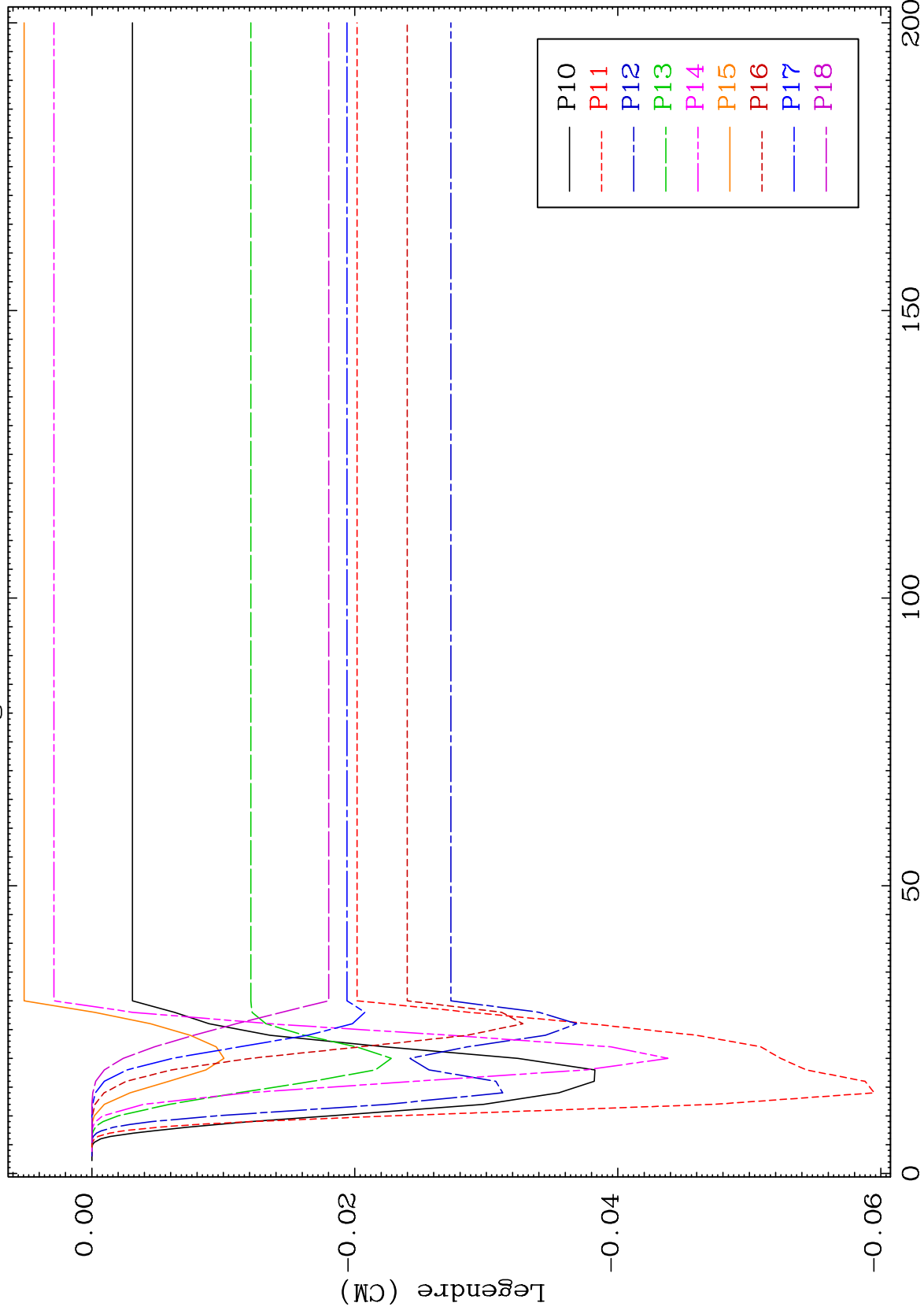
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



64

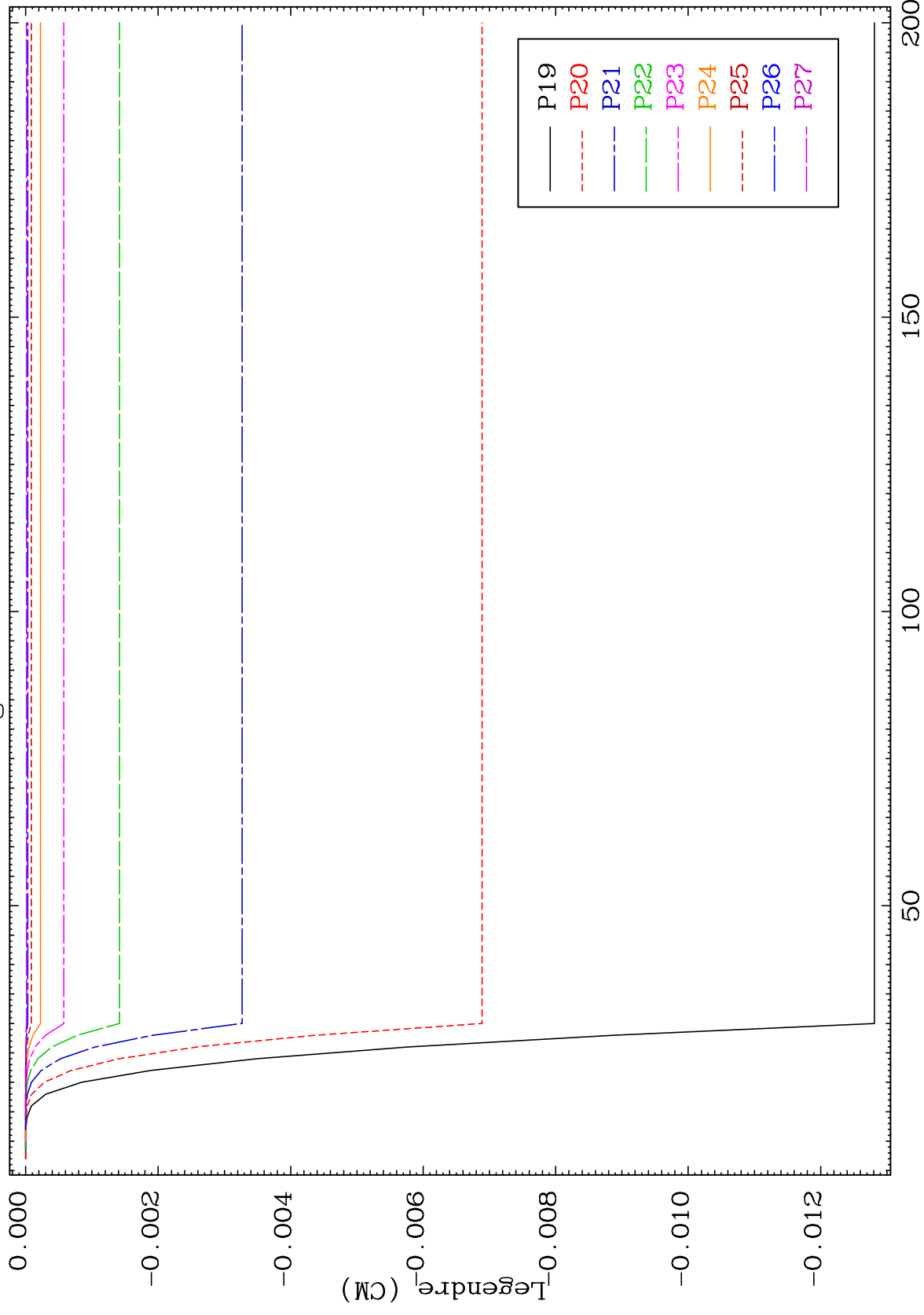
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

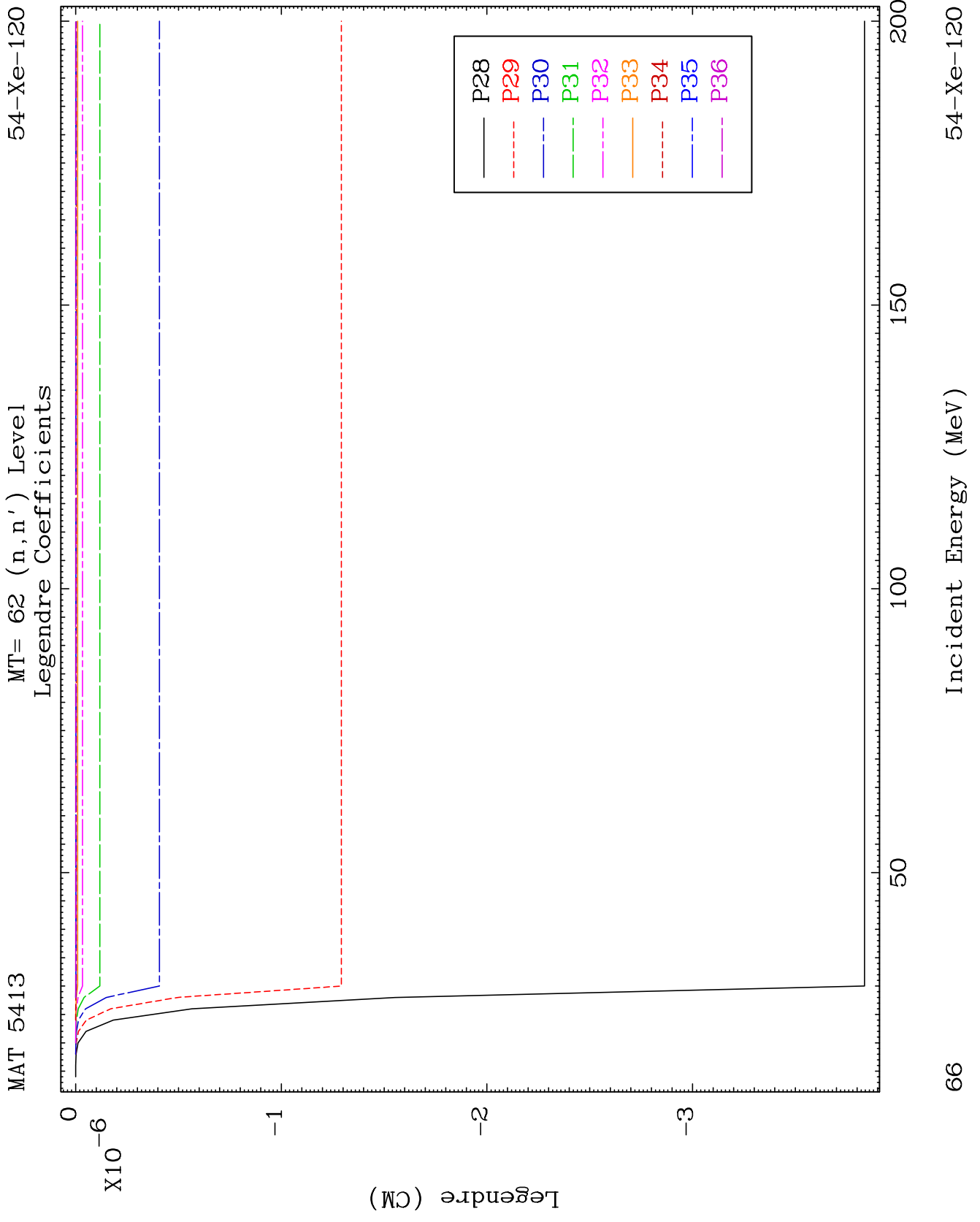
54-Xe-120



65

Incident Energy (MeV)

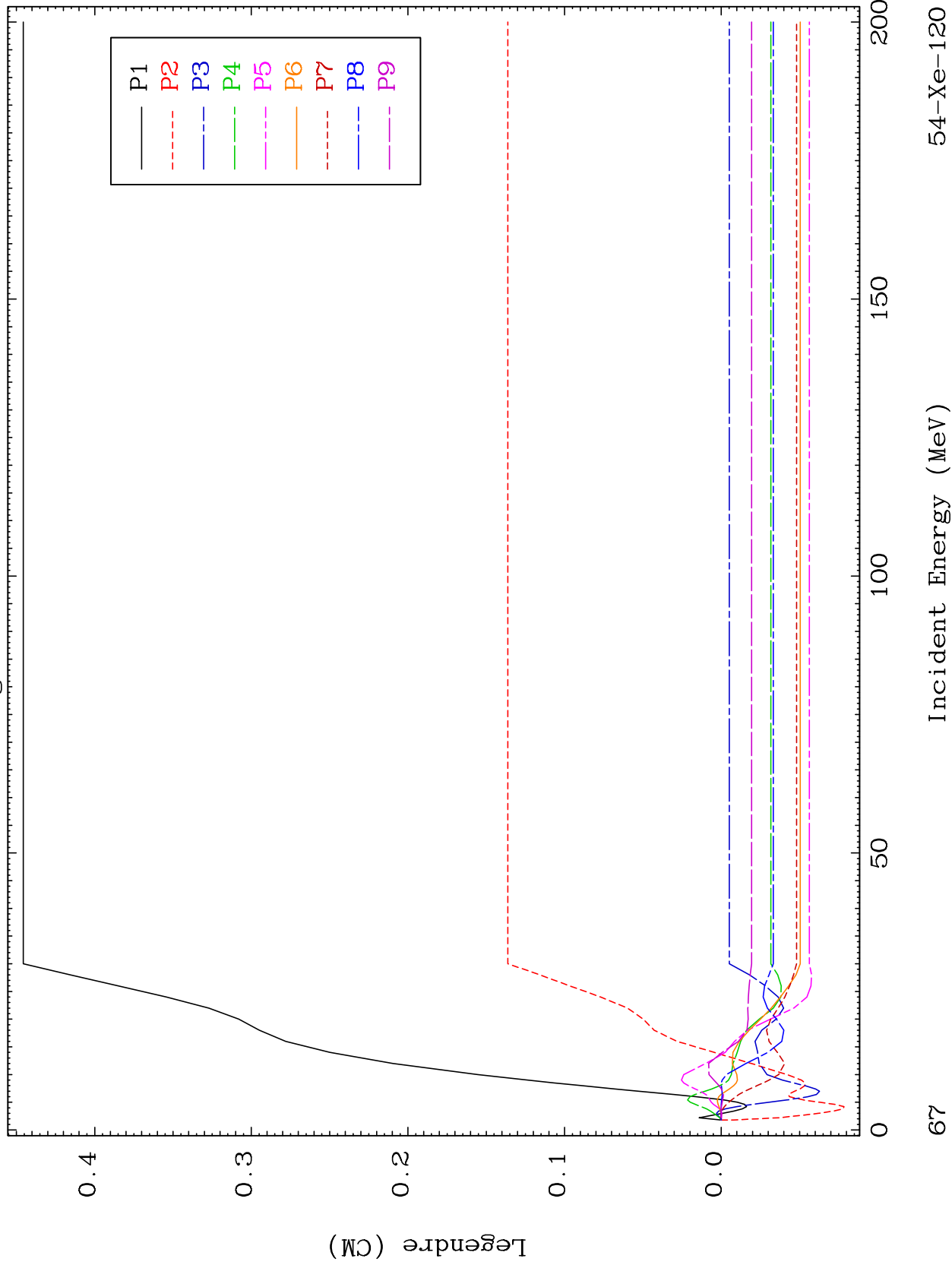
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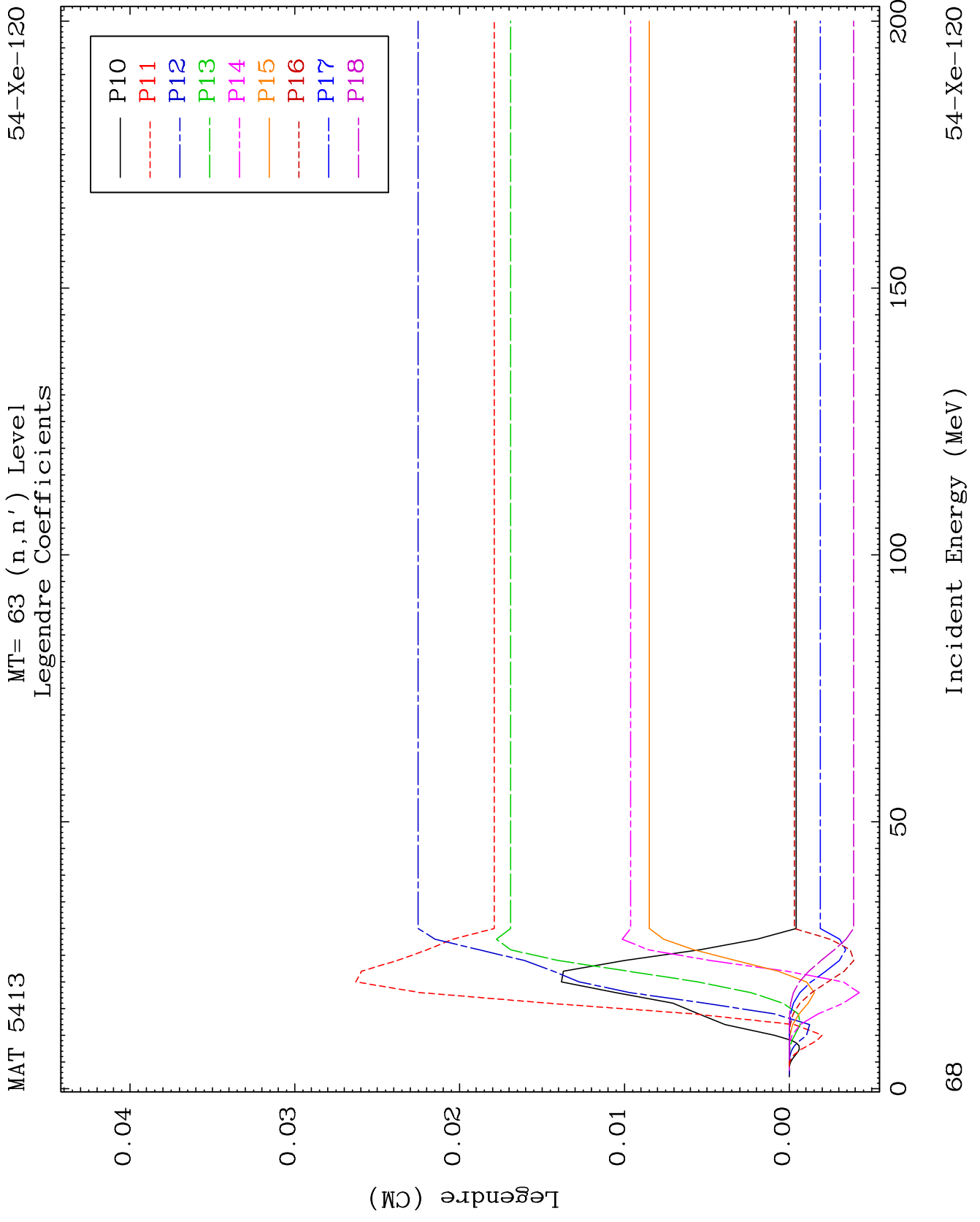


MAT 5413

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

54-Xe-120

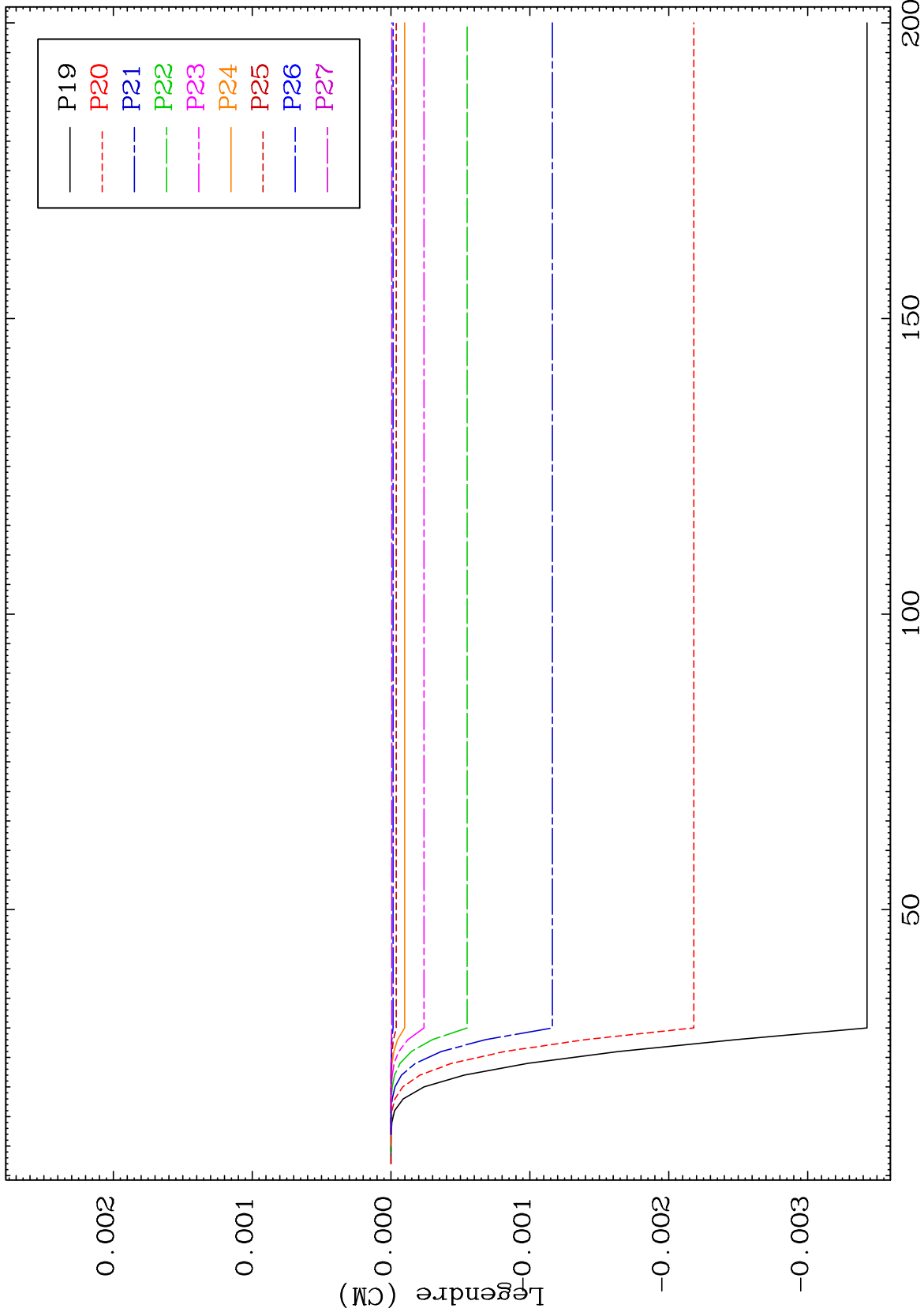


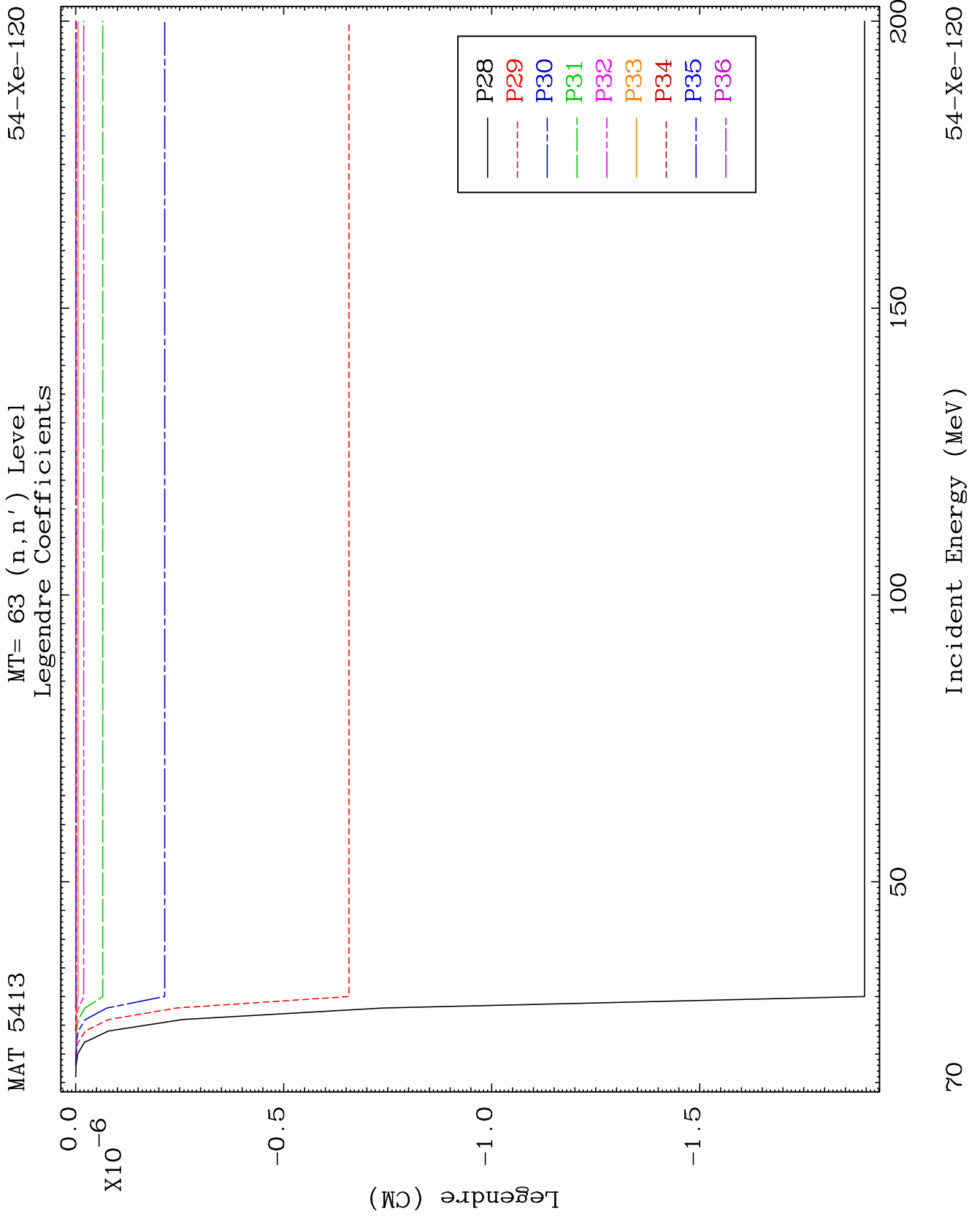


MAT 5413

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

54-Xe-120

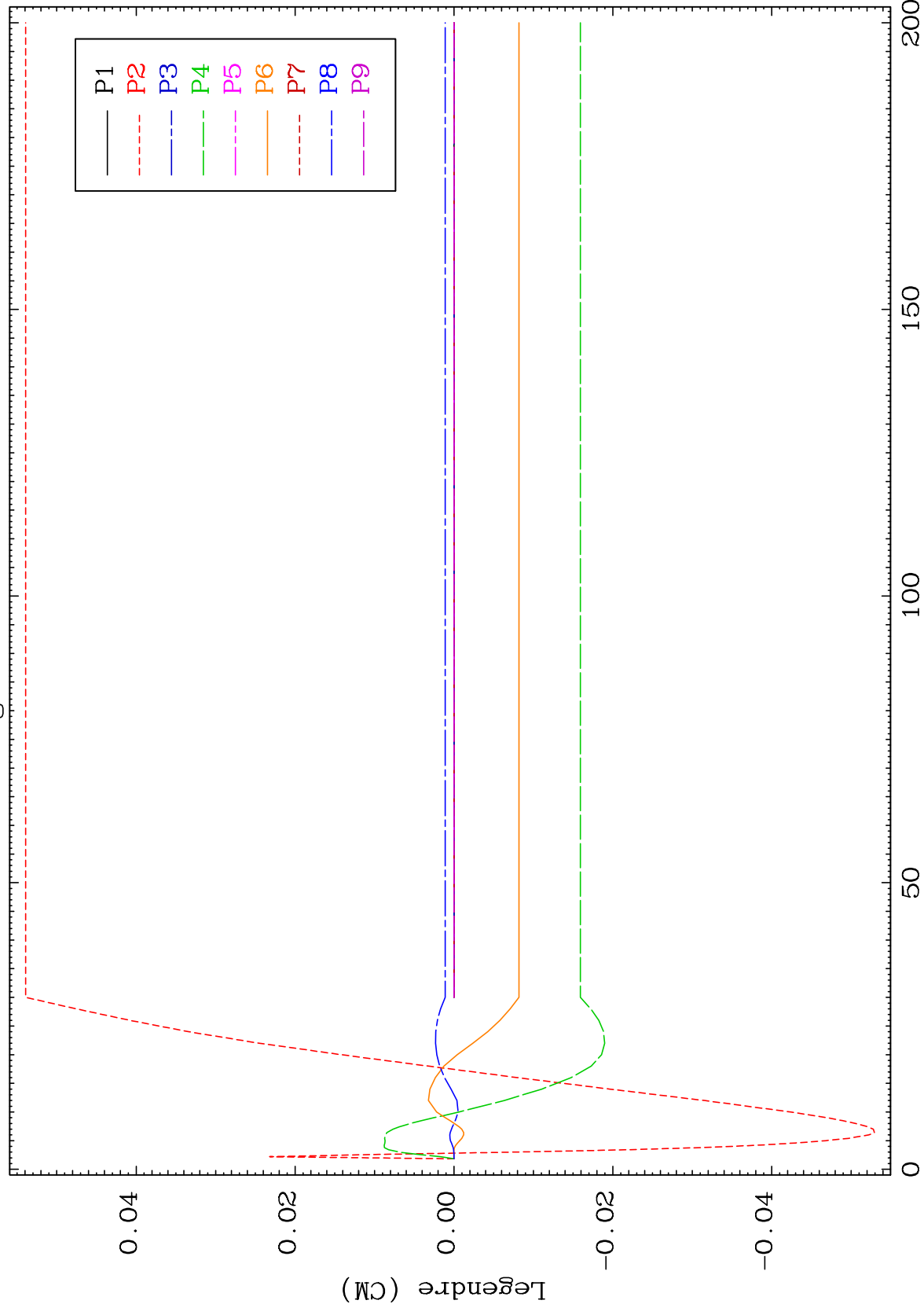




MAT 5413

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

54-Xe-120



71

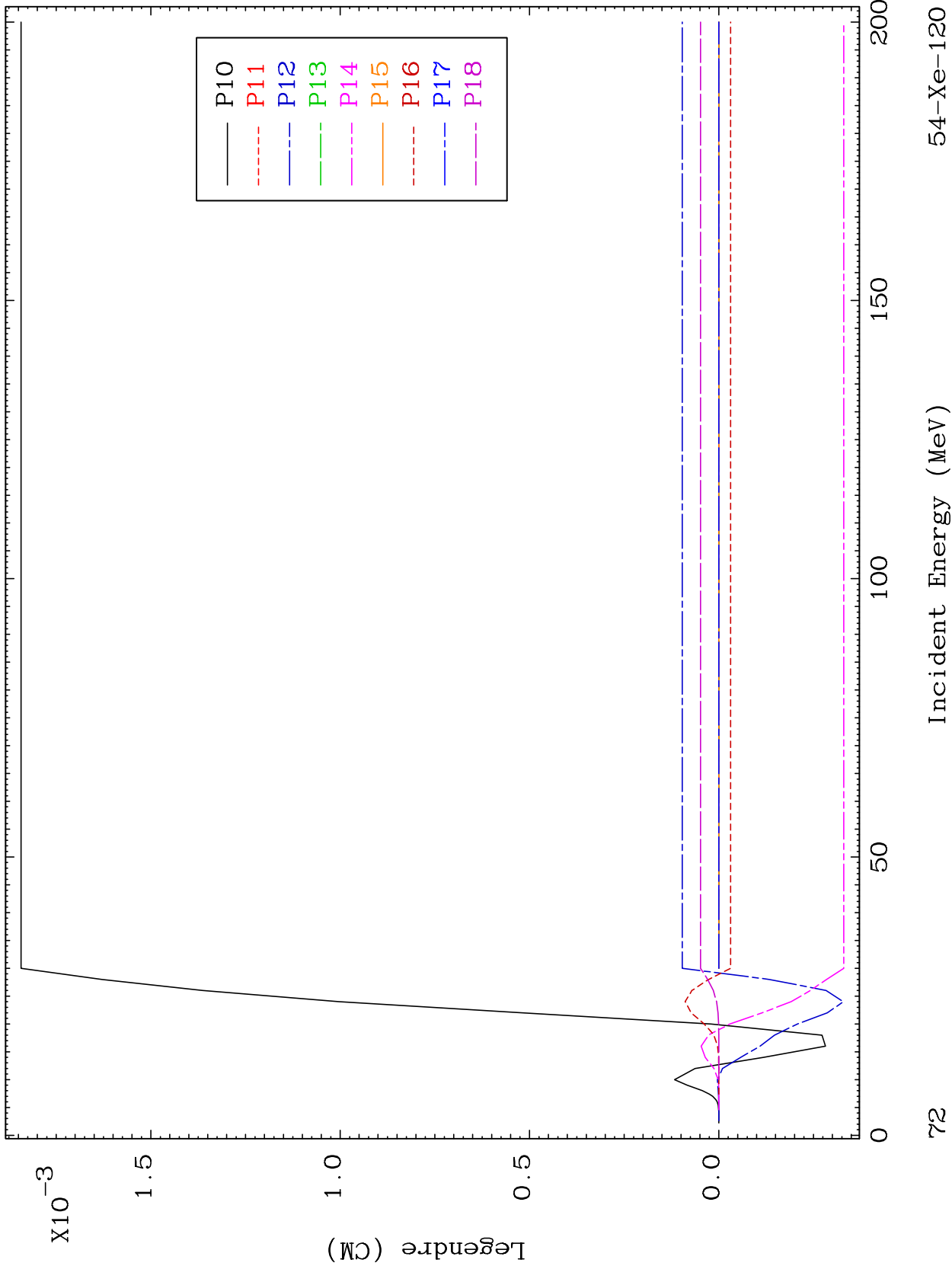
Incident Energy (MeV)

54-Xe-120

MAT 5413

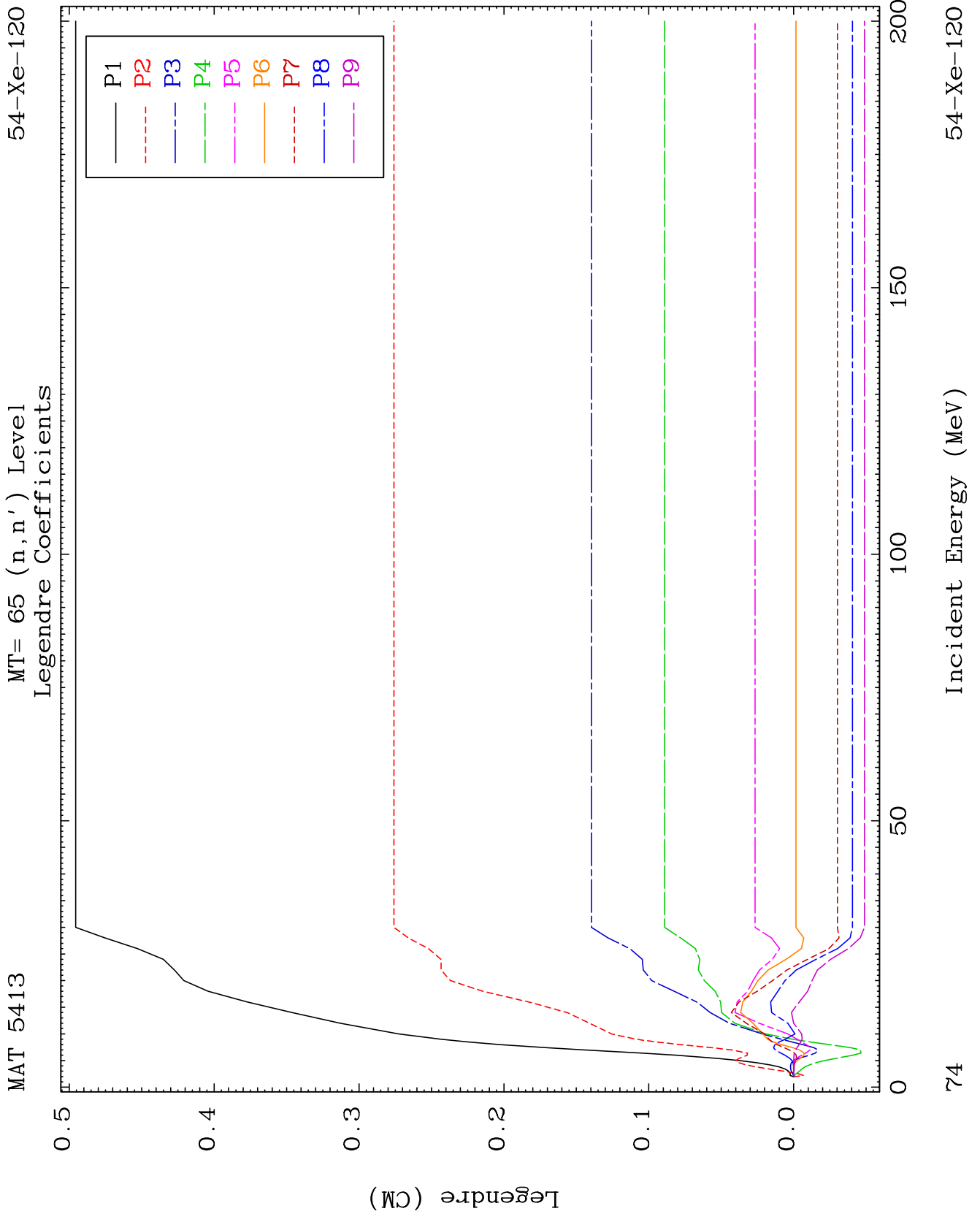
MT= 64 (n,n') Level
Legendre Coefficients

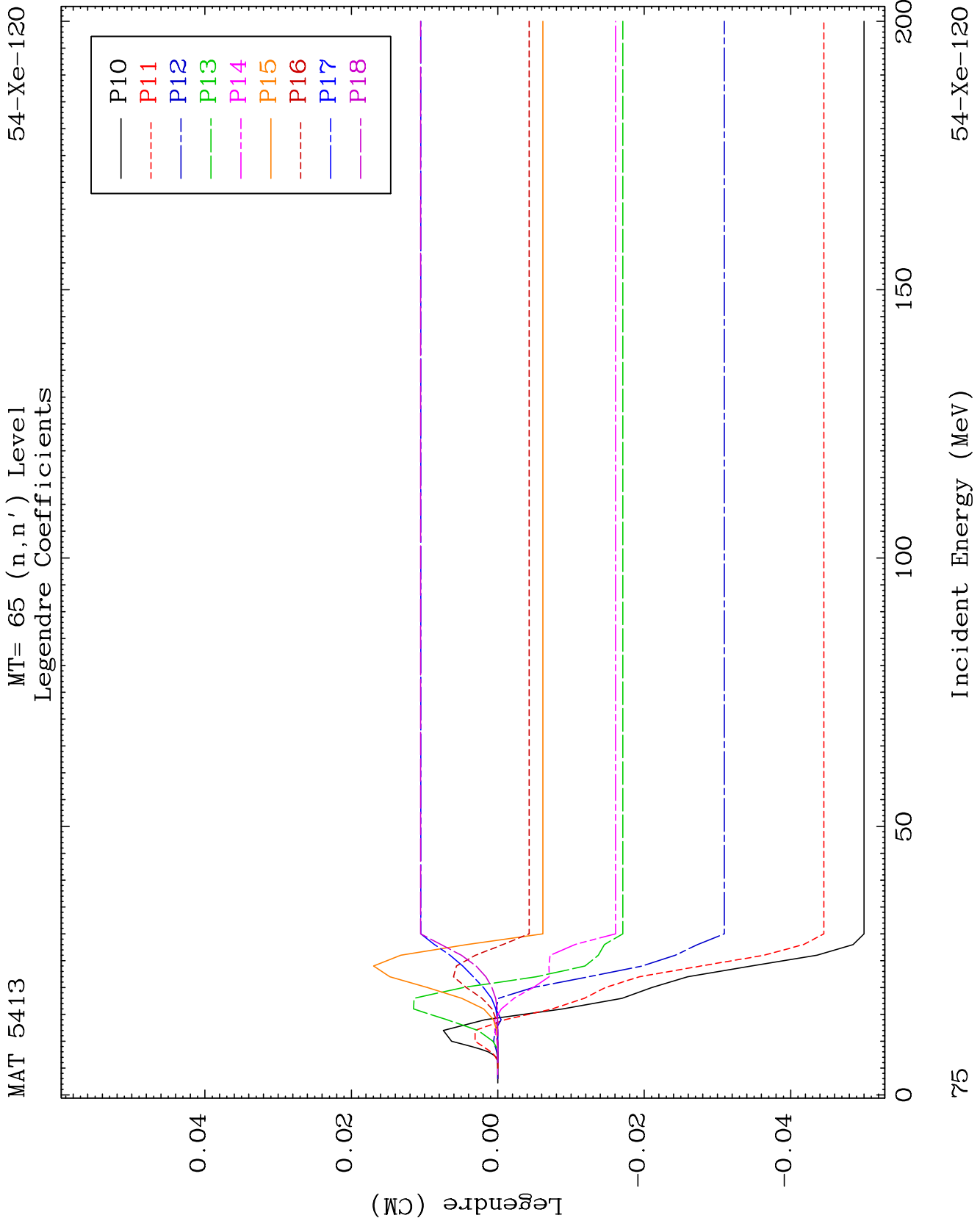
54-Xe-120



72

54-Xe-120

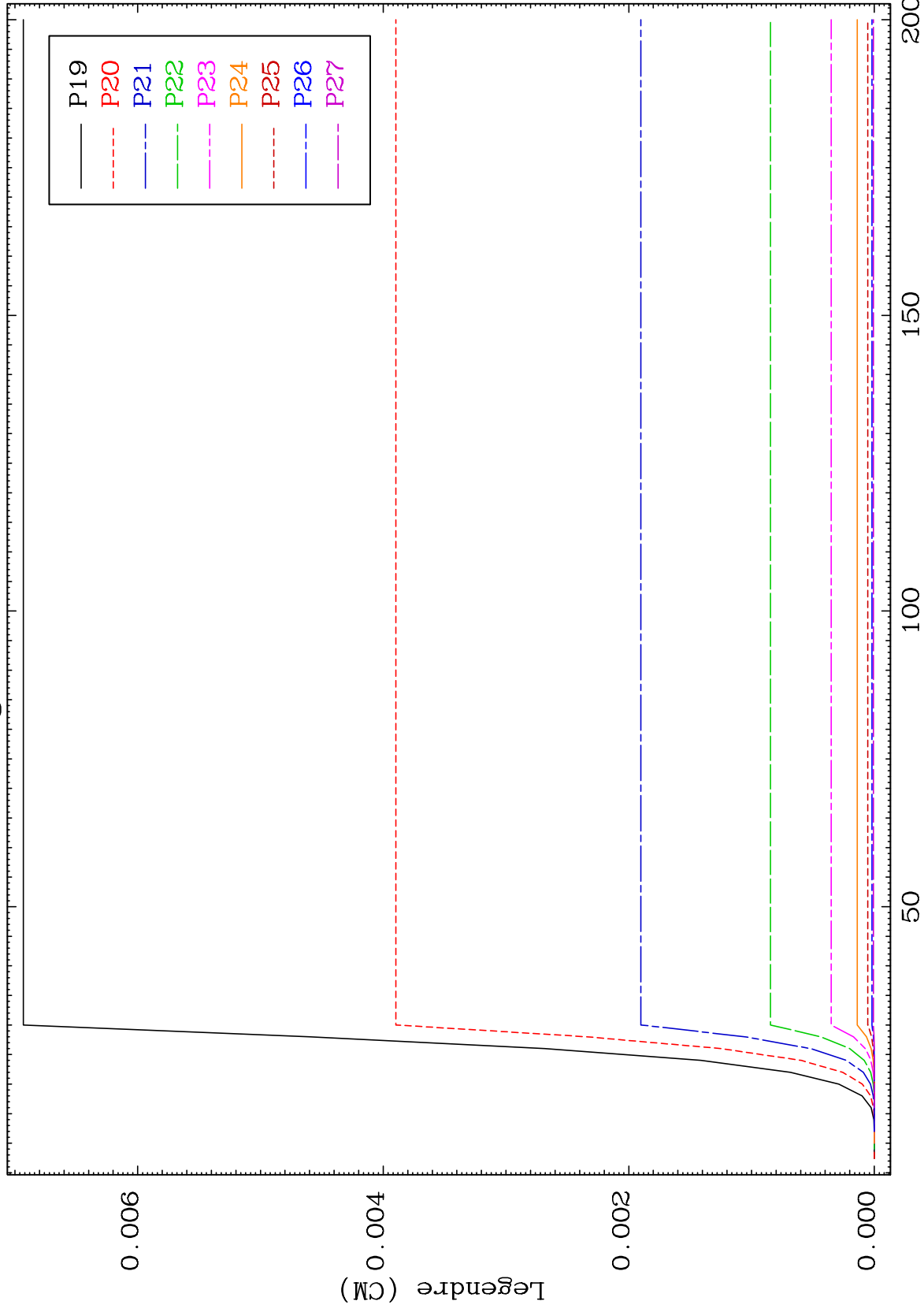




MAT 5413

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

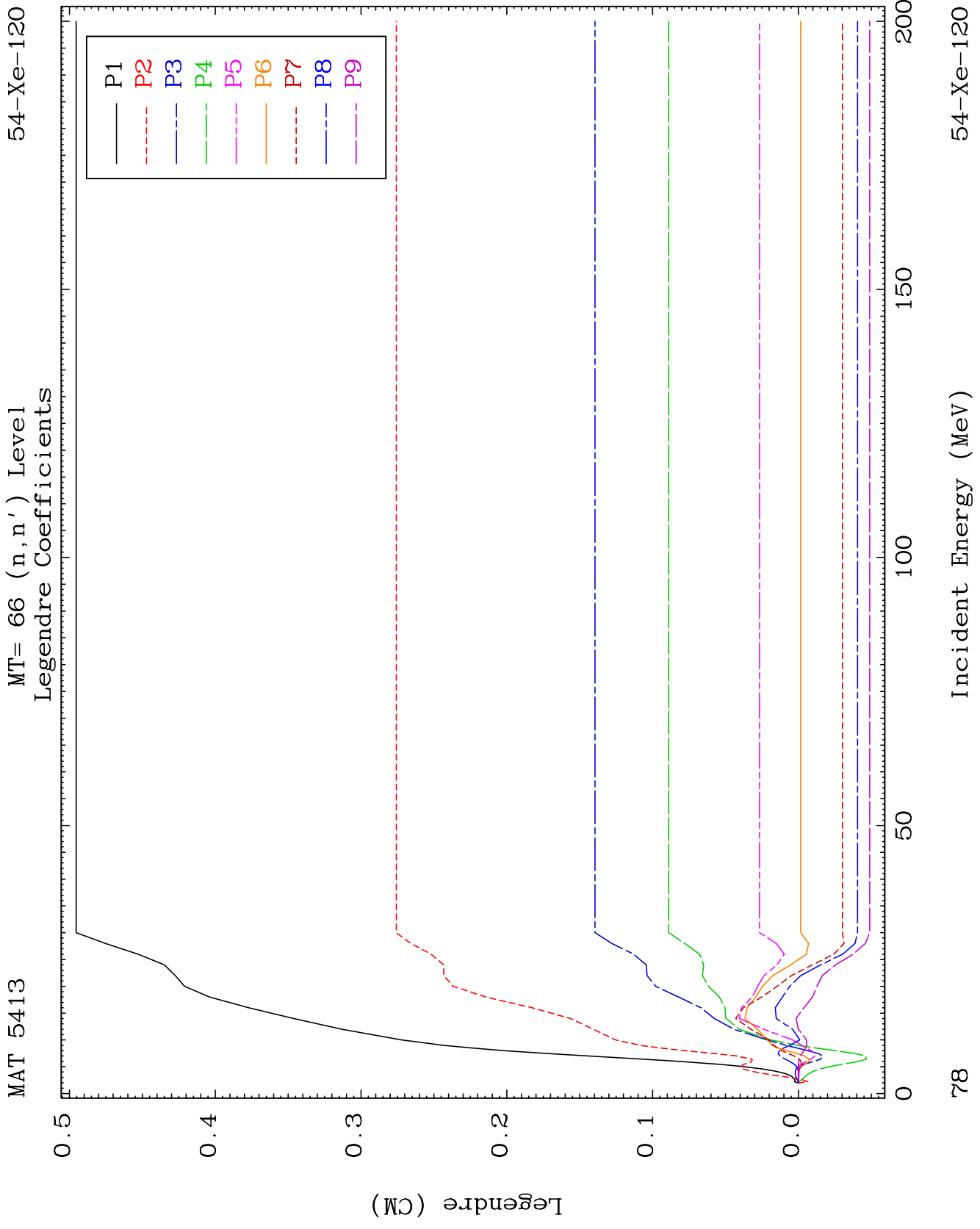
54-Xe-120



76

Incident Energy (MeV)

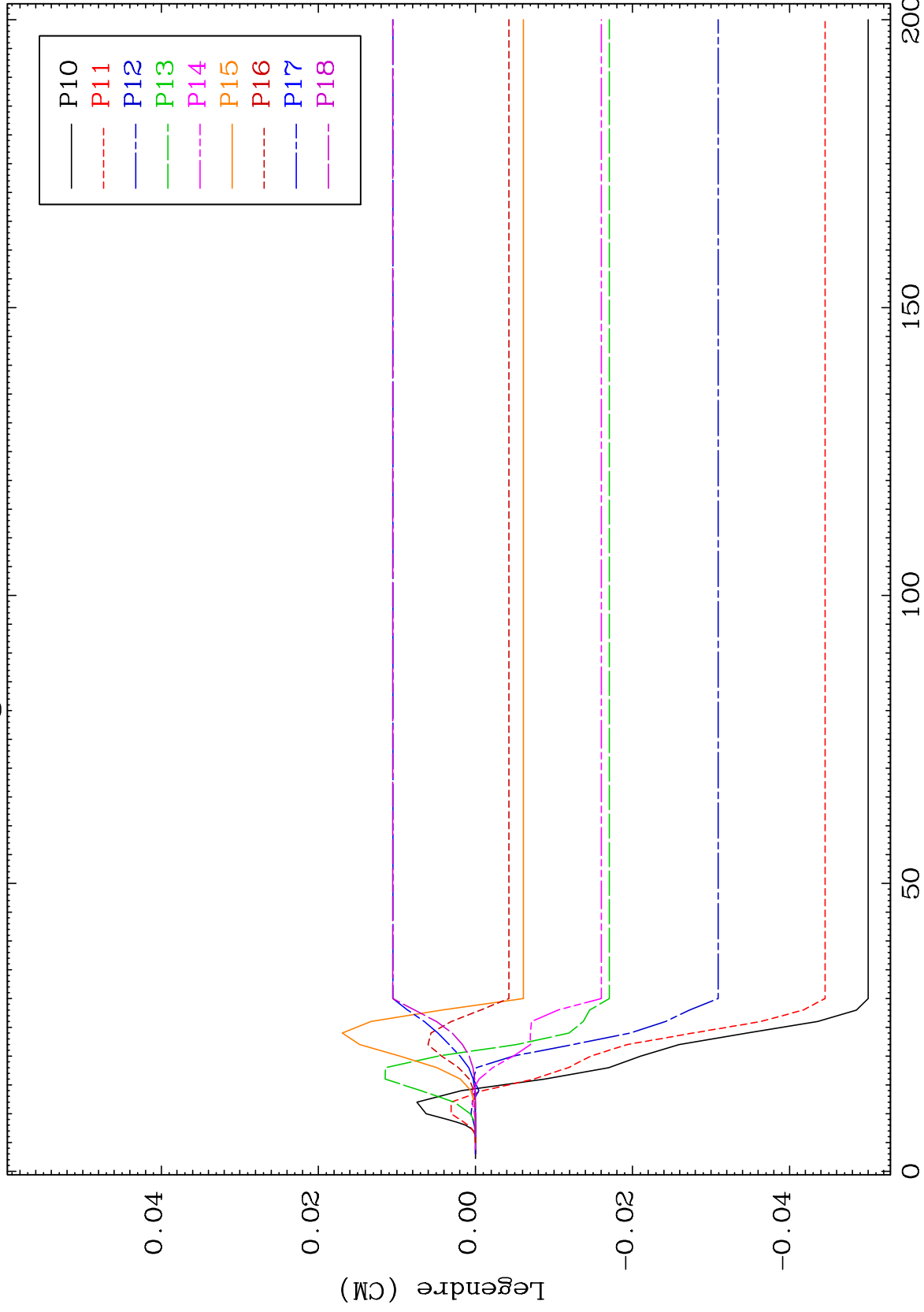
54-Xe-120



MAT 5413

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

54-Xe-120



79

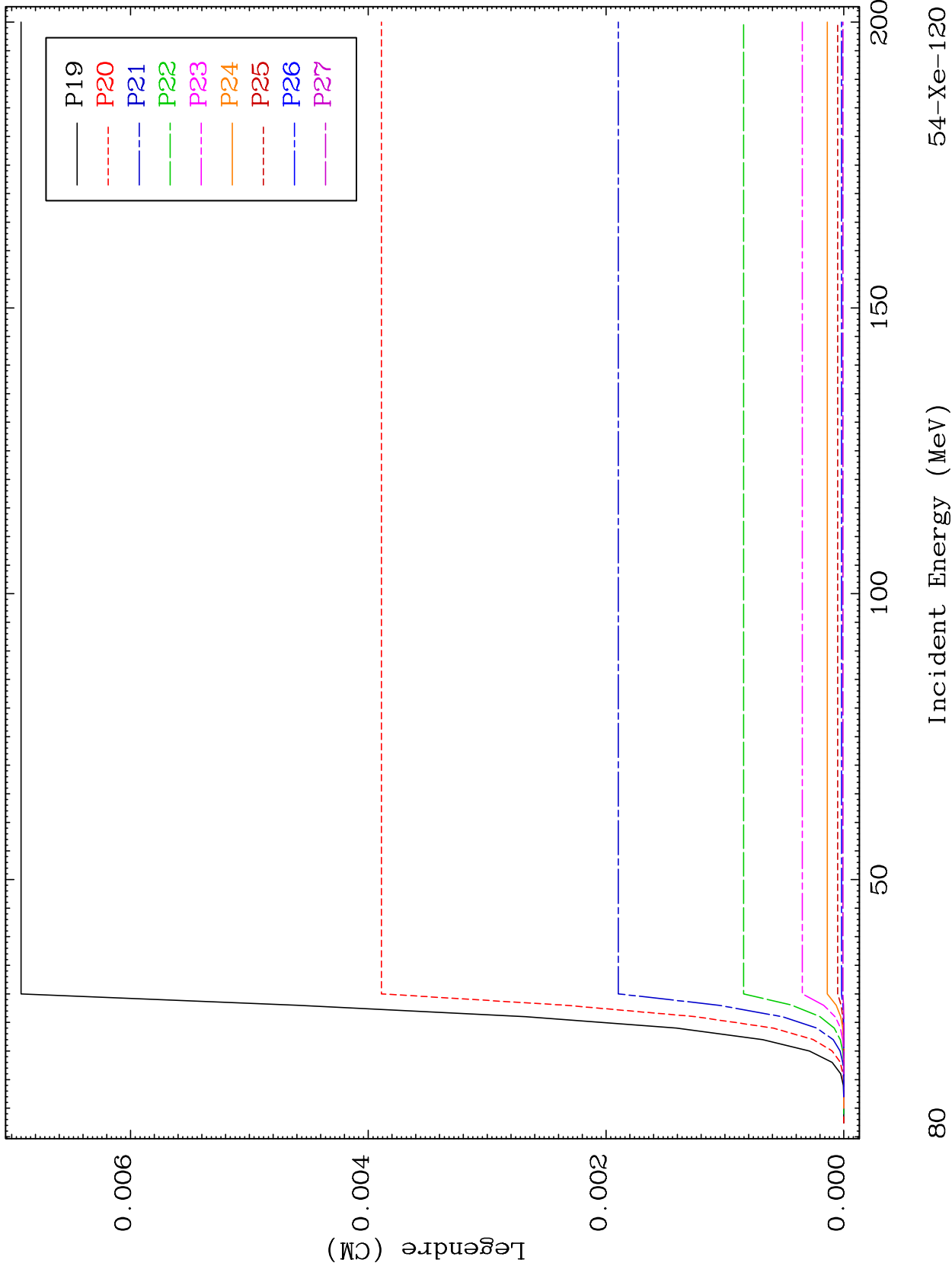
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



80

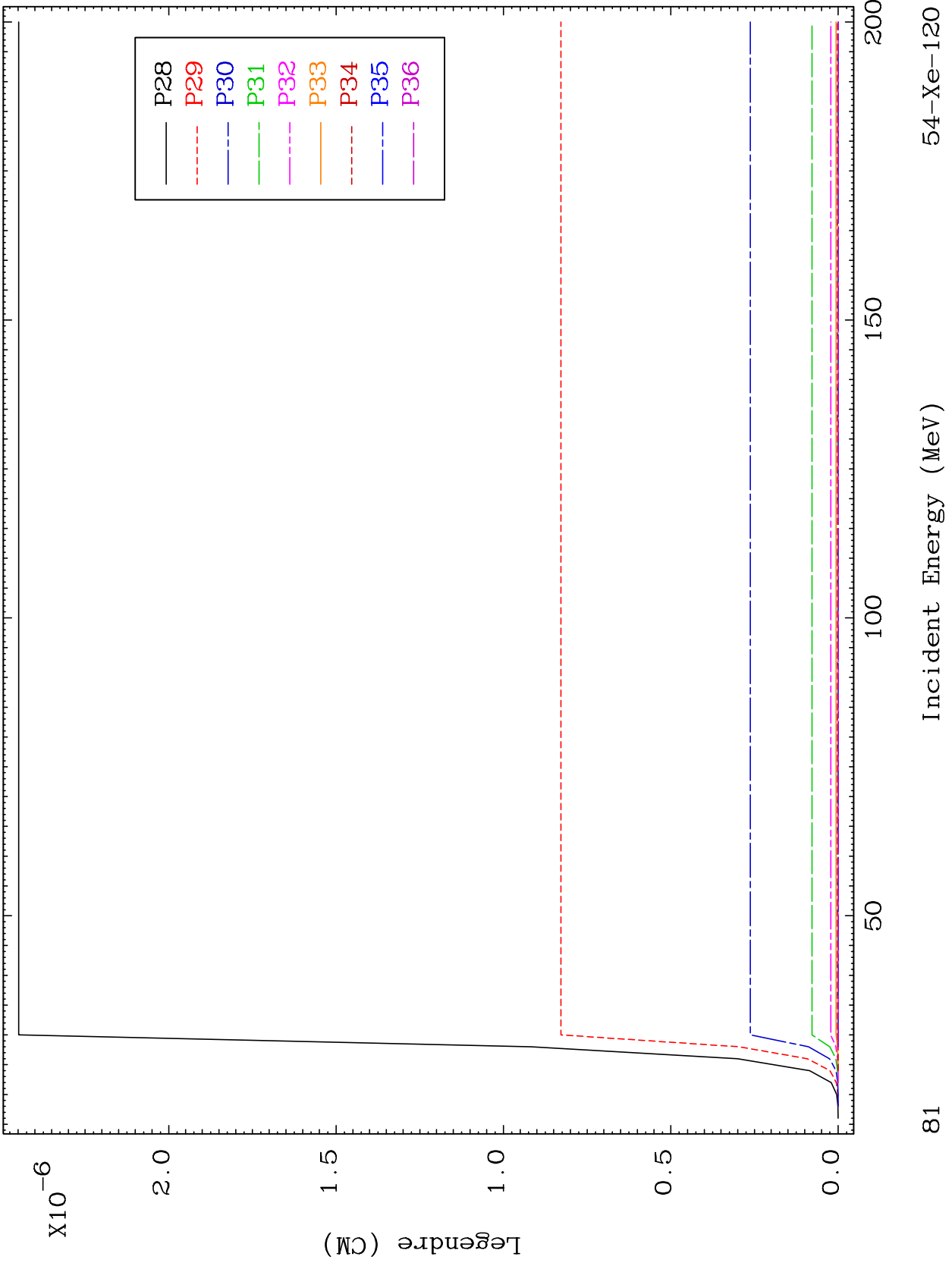
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

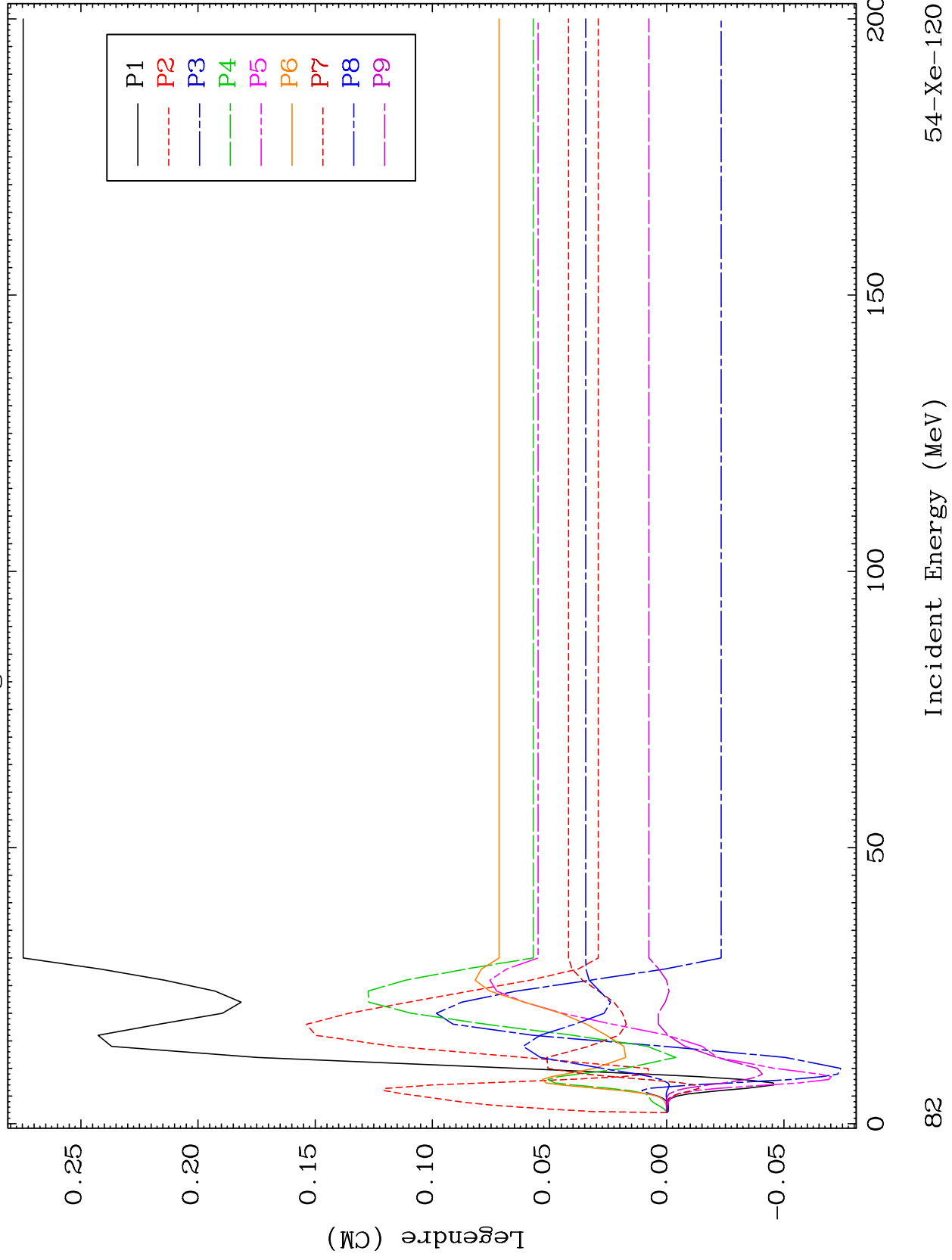
54-Xe-120



MAT 5413

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

54-Xe-120



54-Xe-120

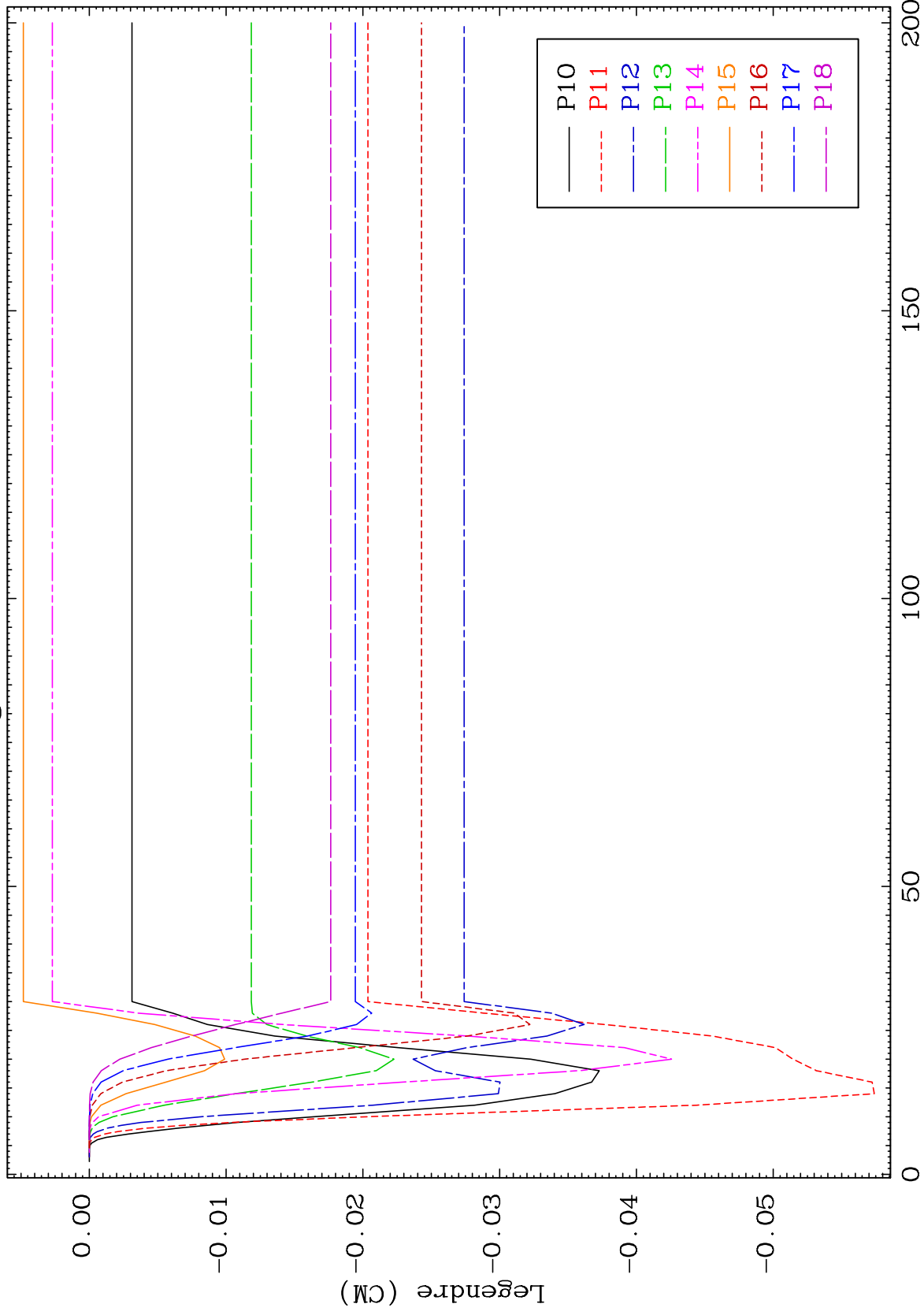
Incident Energy (MeV)

82

MAT 5413

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

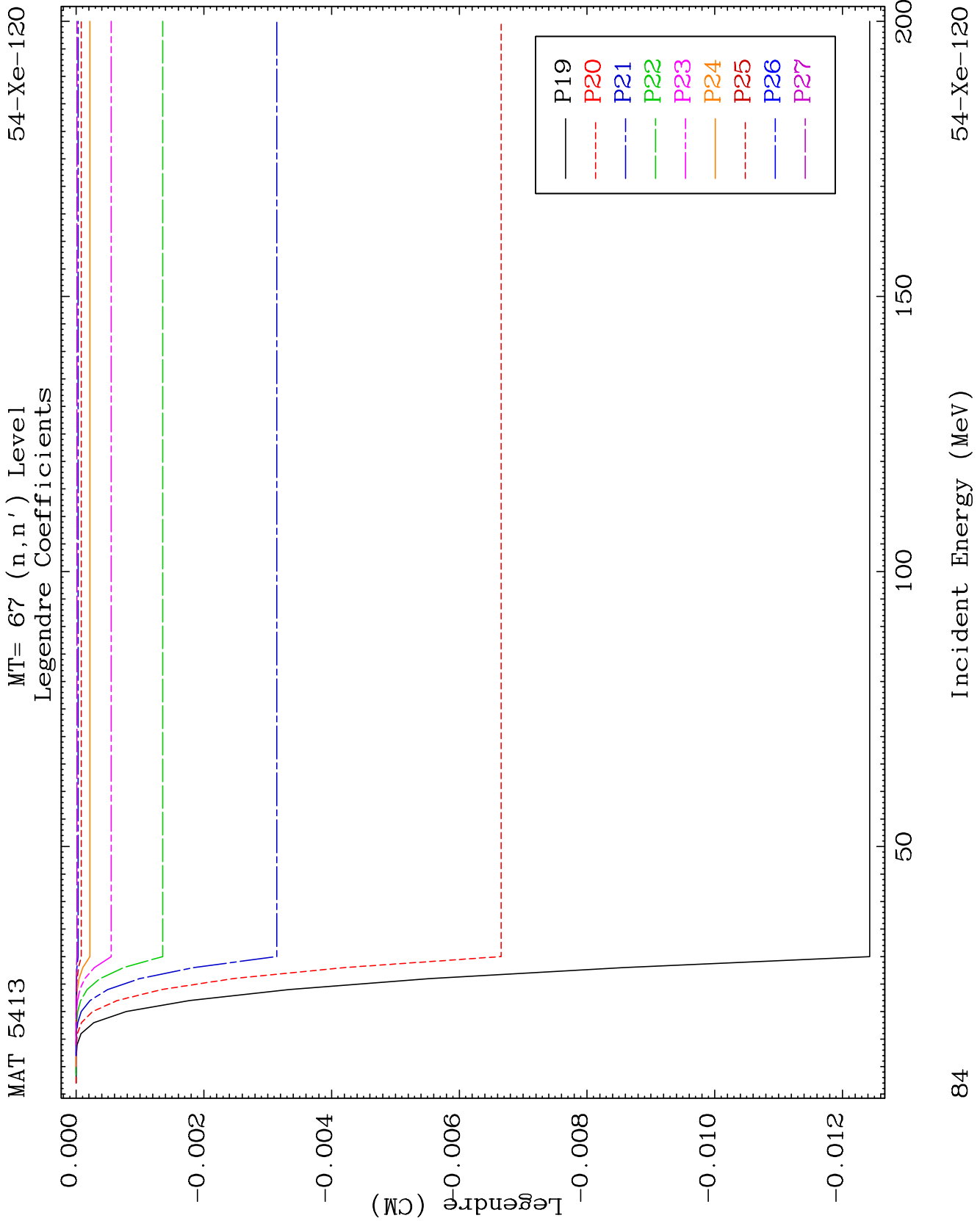
54-Xe-120

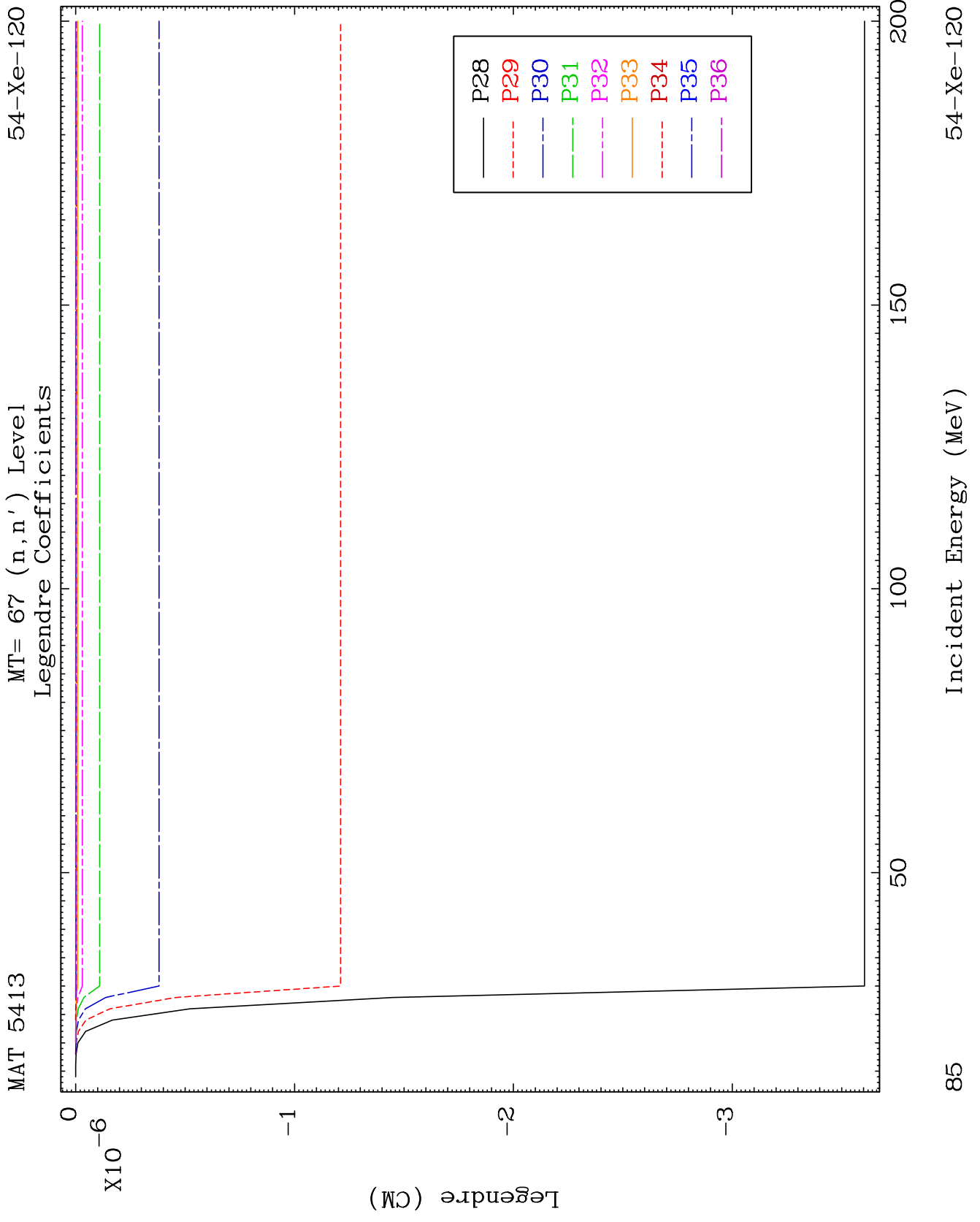


83

Incident Energy (MeV)

54-Xe-120

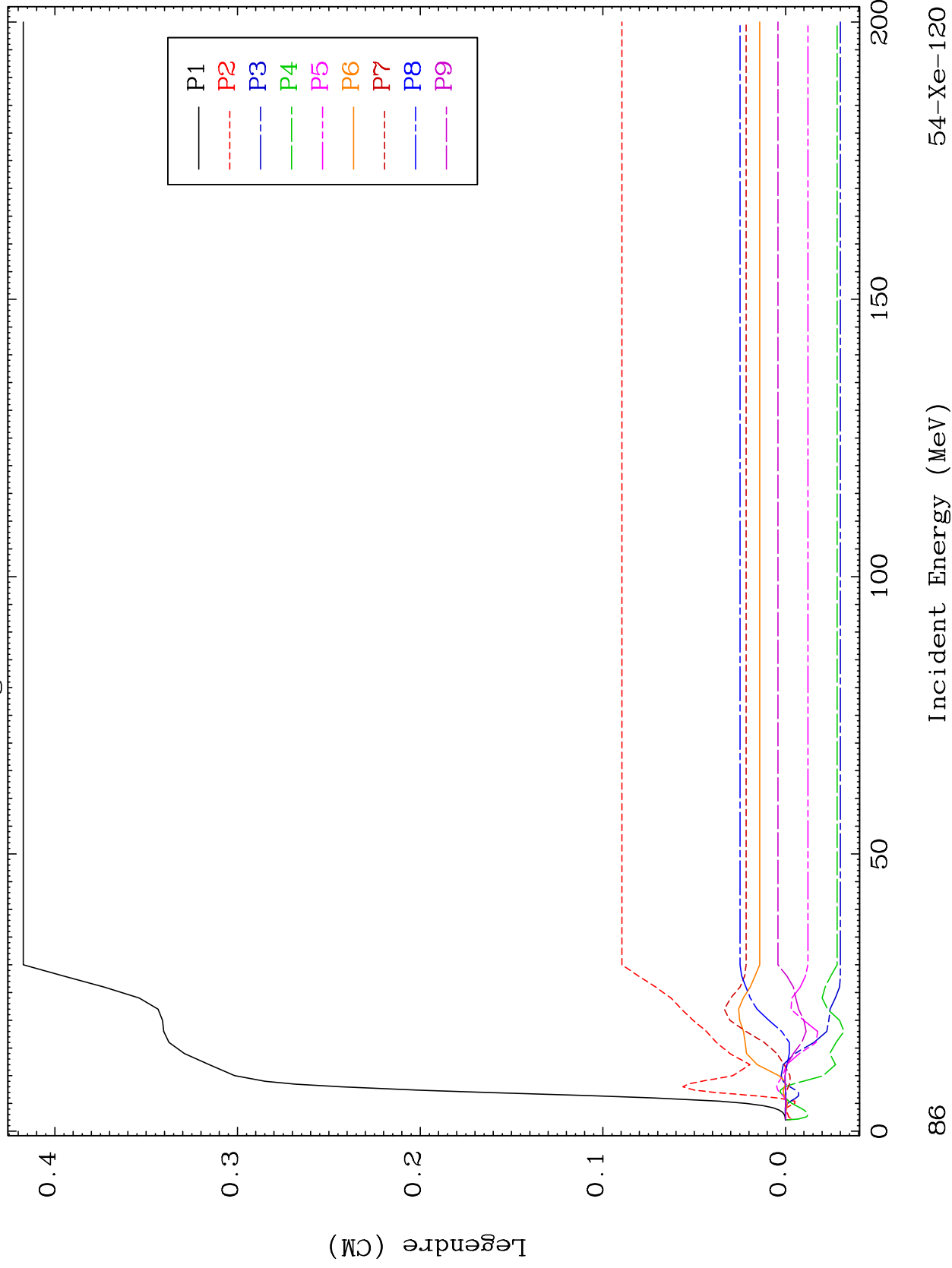




MAT 5413

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

54-Xe-120



86

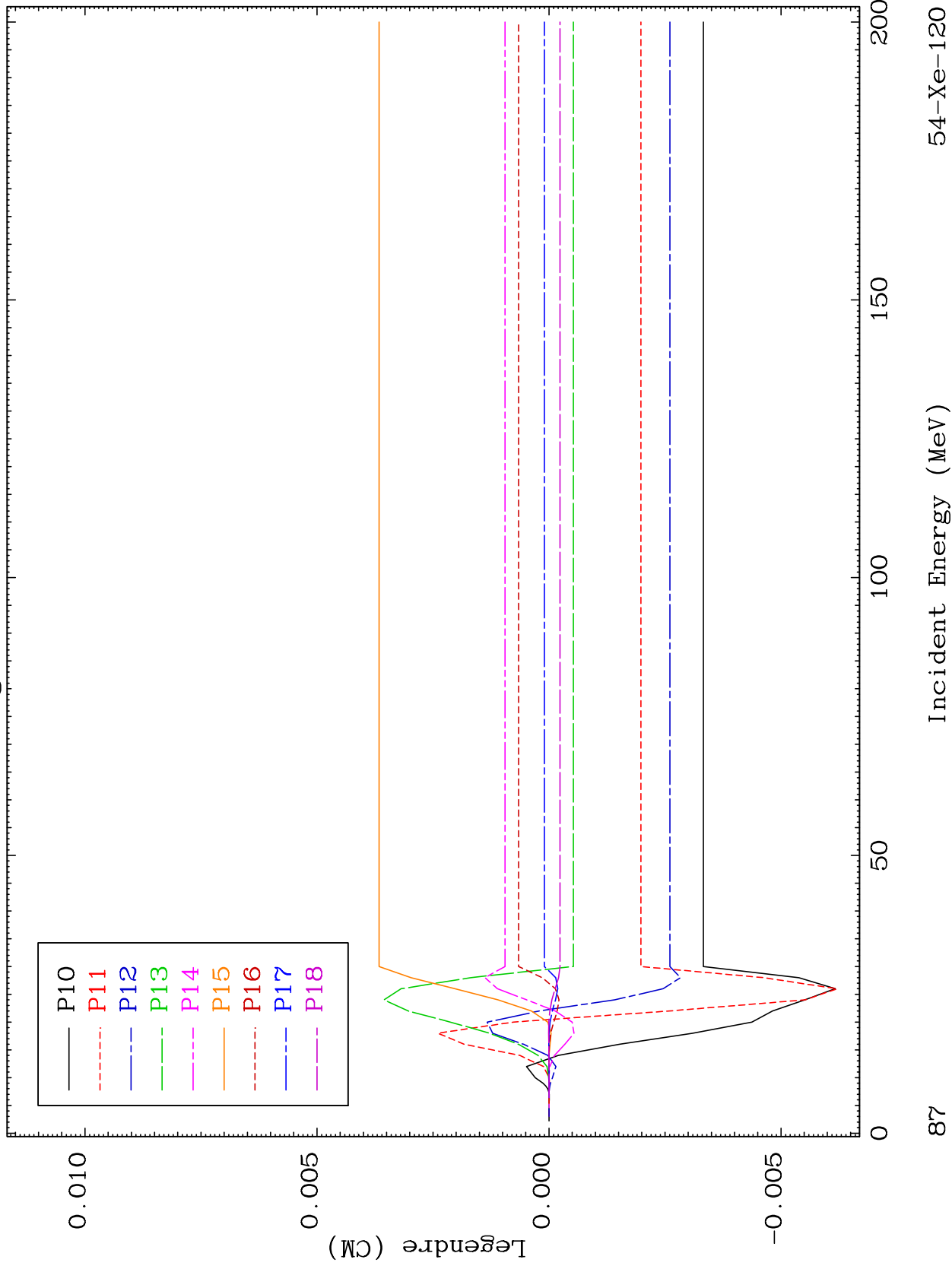
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

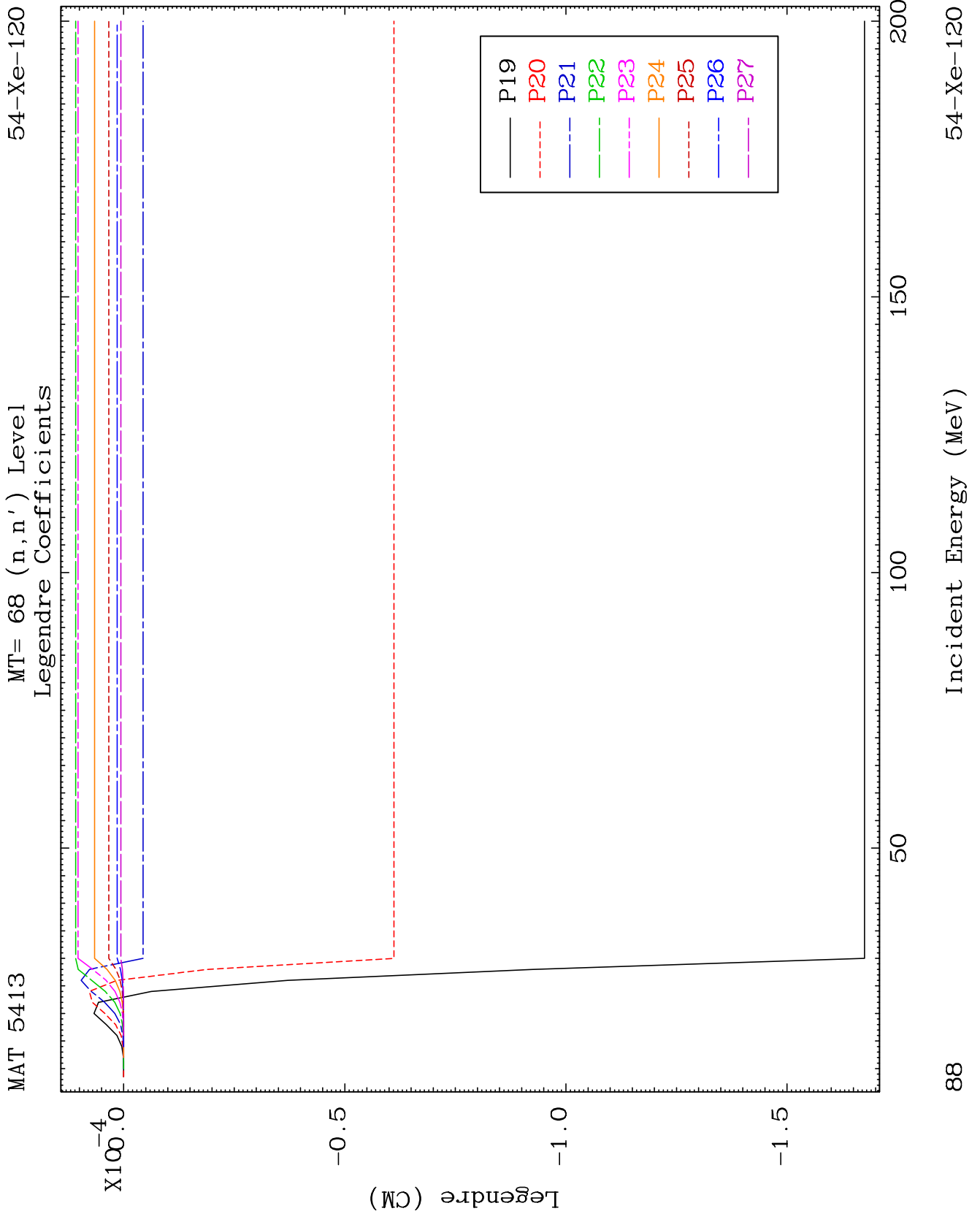
54-Xe-120



87

Incident Energy (MeV)

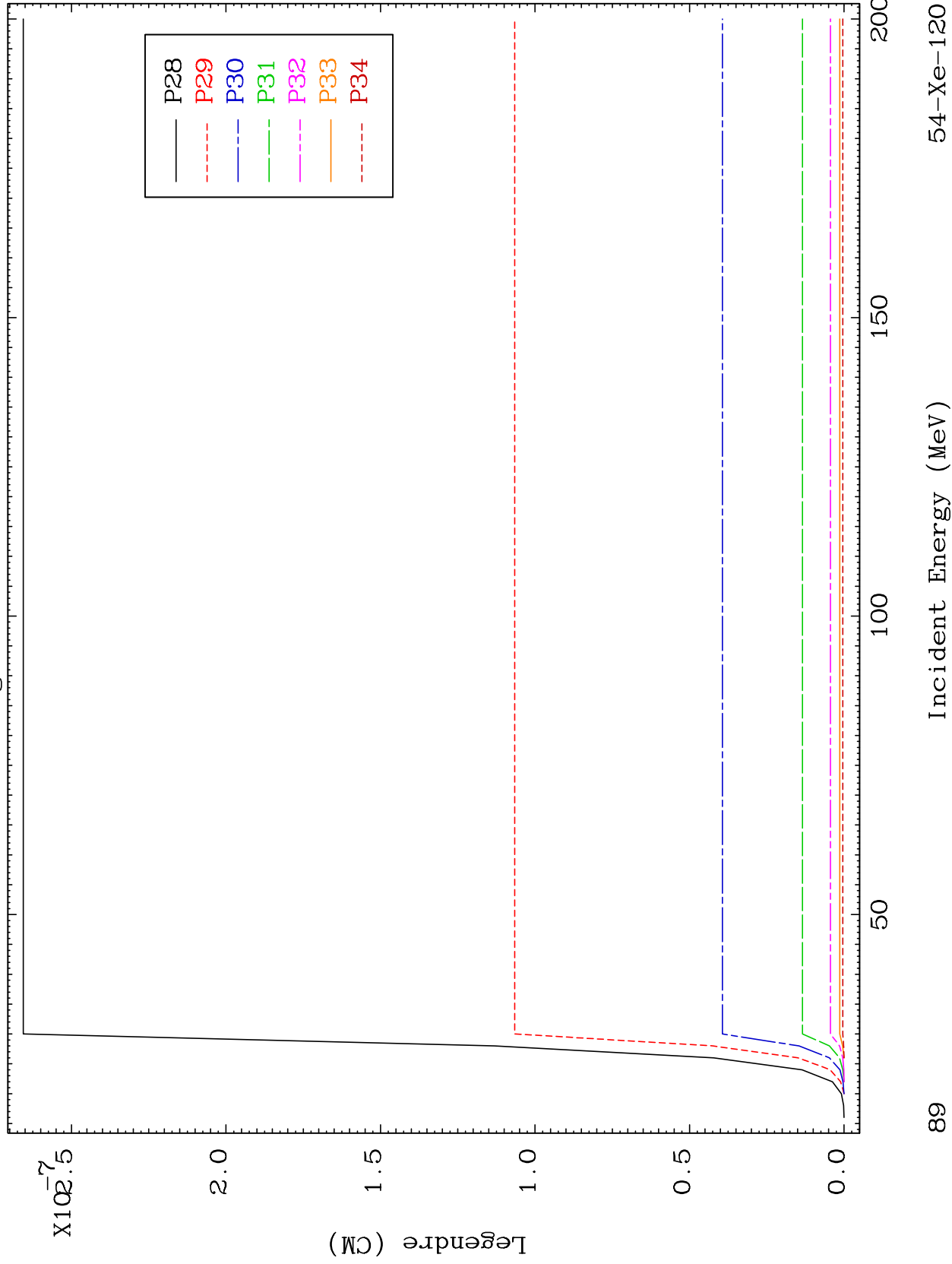
54-Xe-120

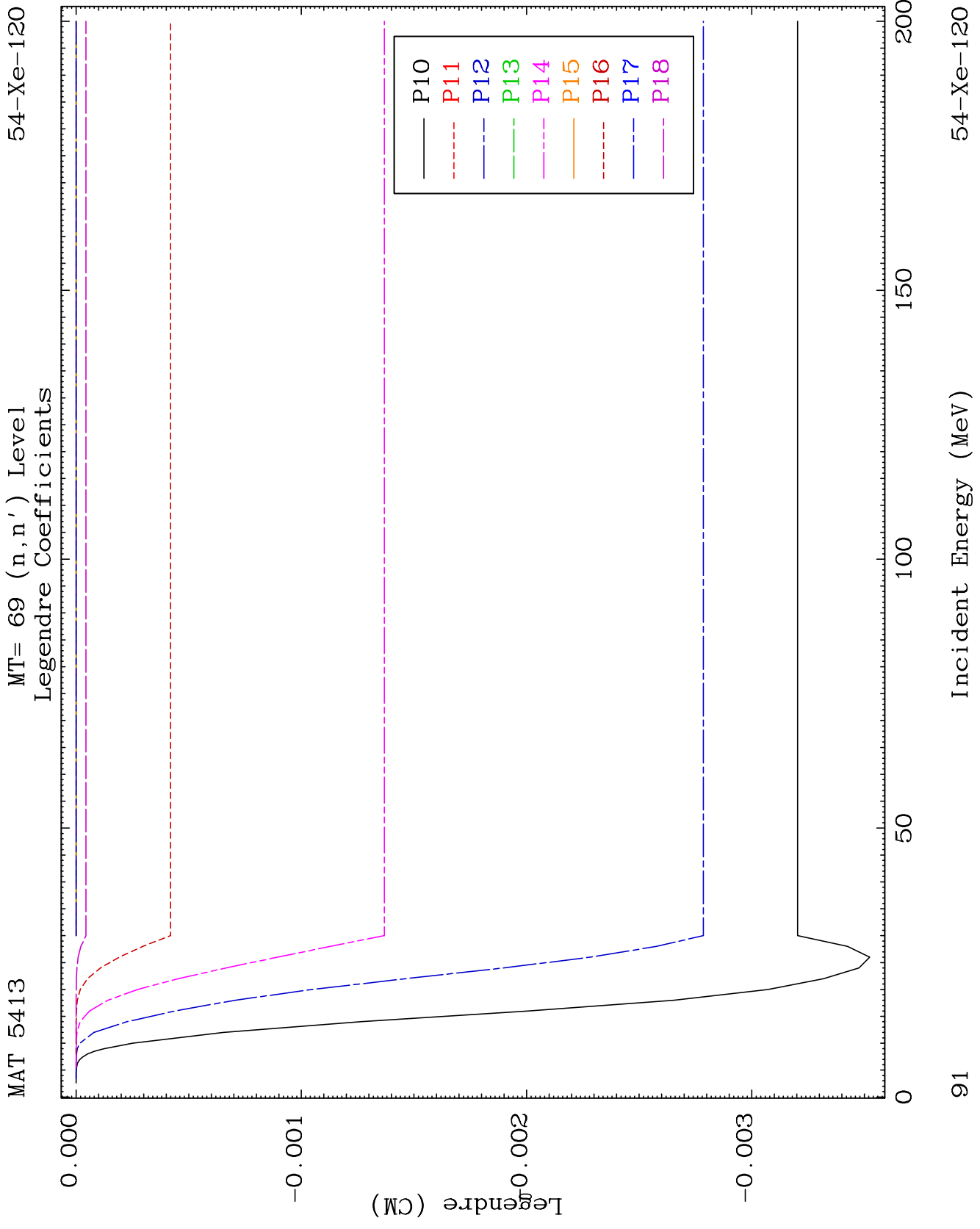


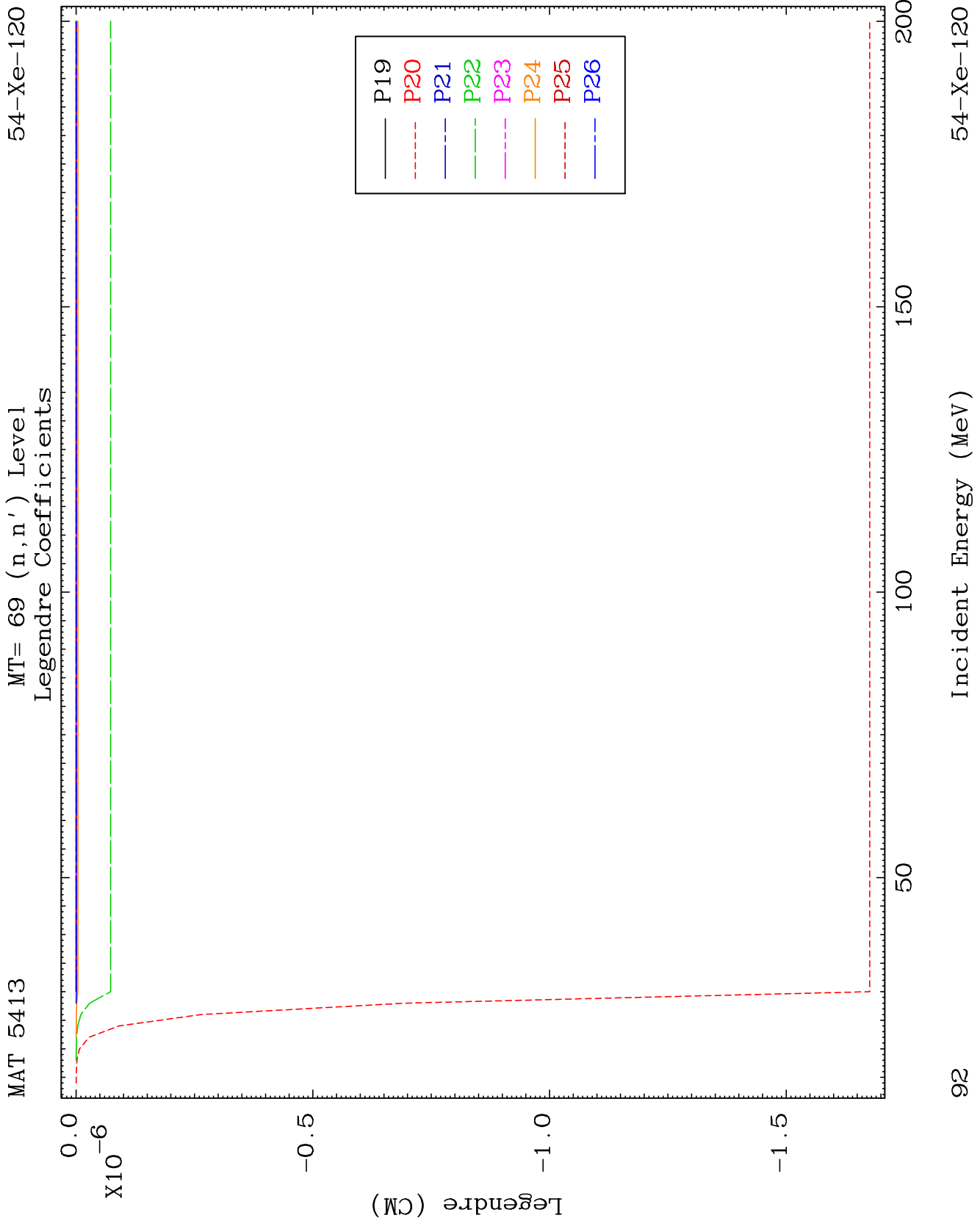
MAT 5413

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

54-Xe-120



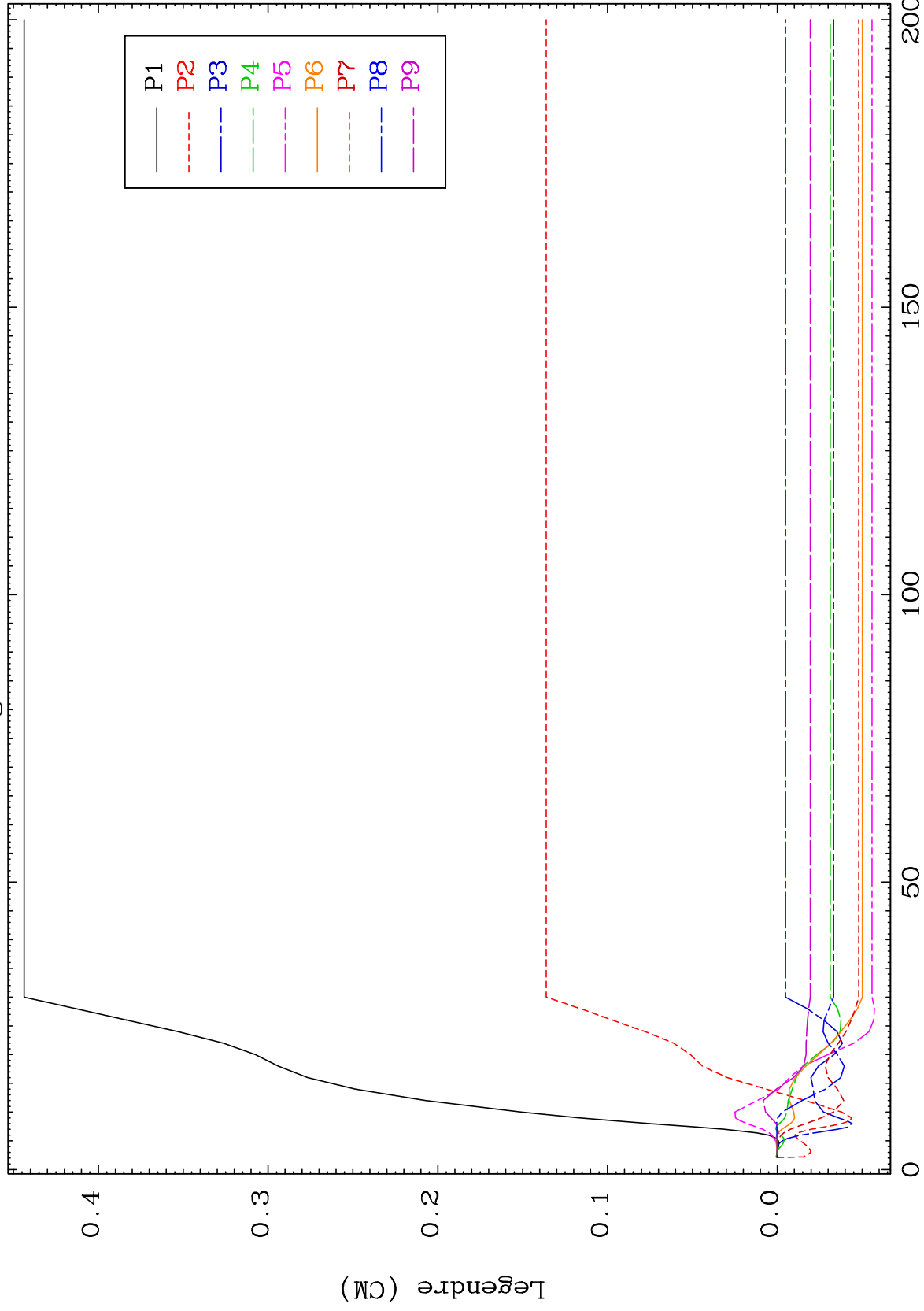




MAT 5413

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

54-Xe-120



93

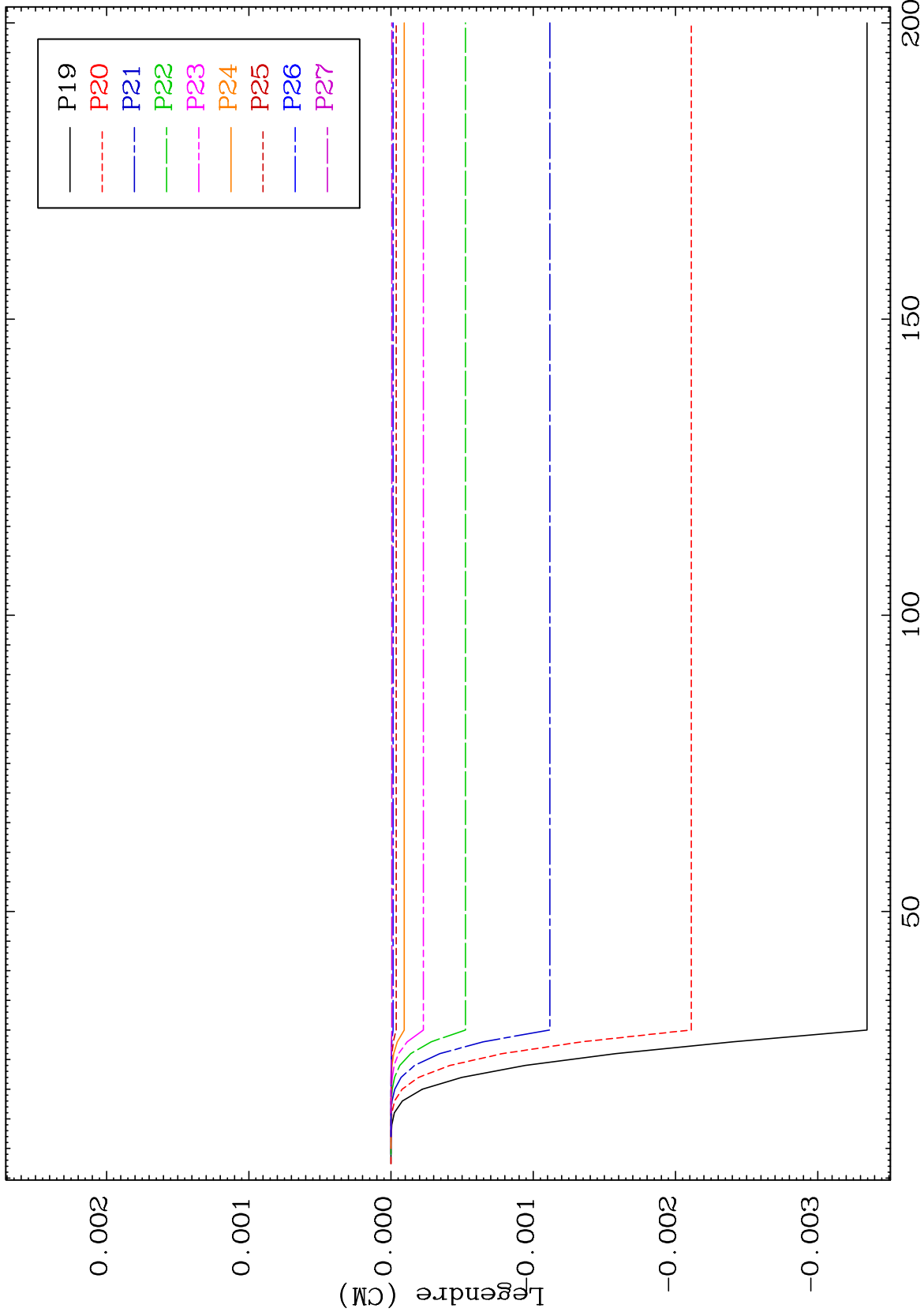
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

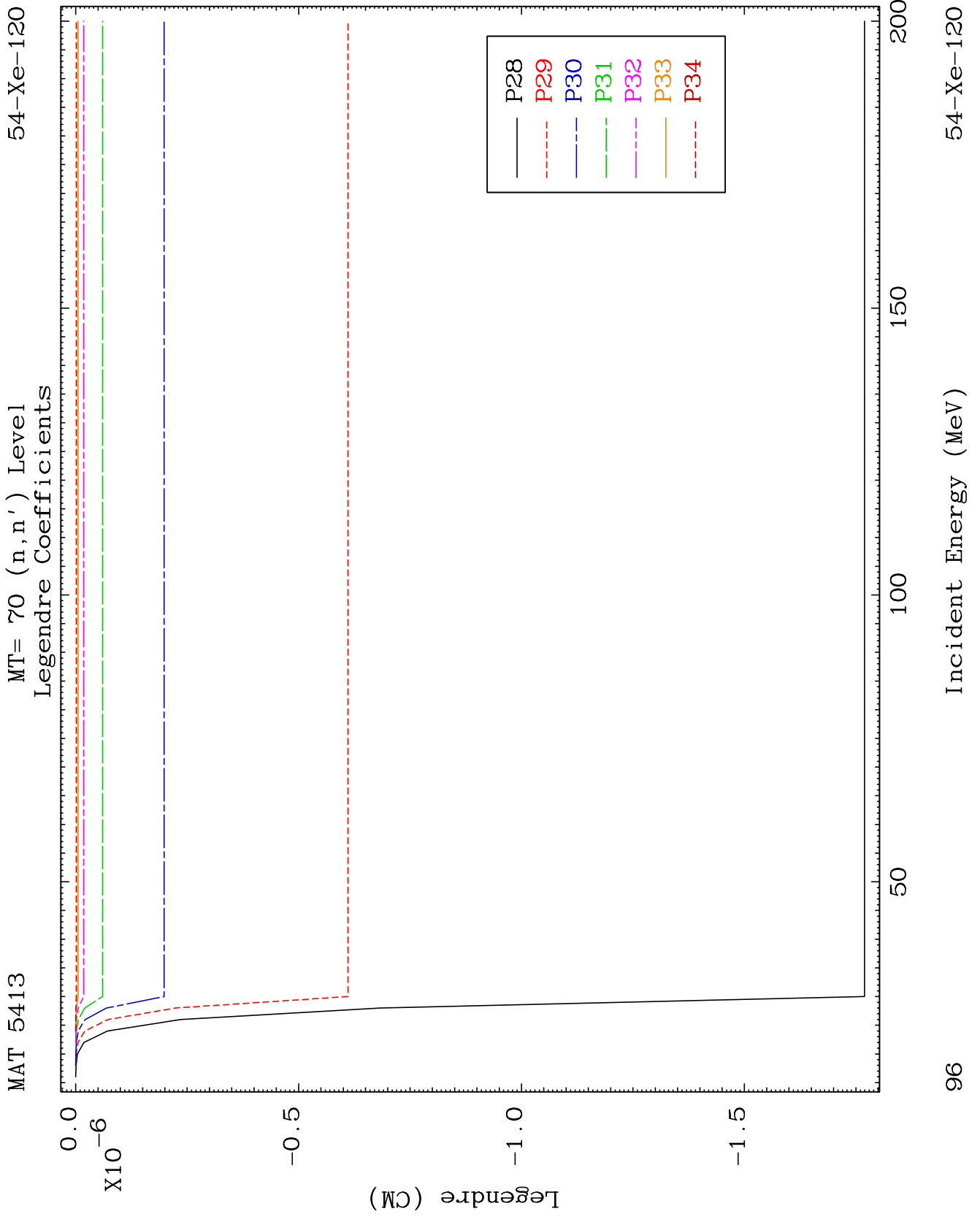
54-Xe-120



95

Incident Energy (MeV)

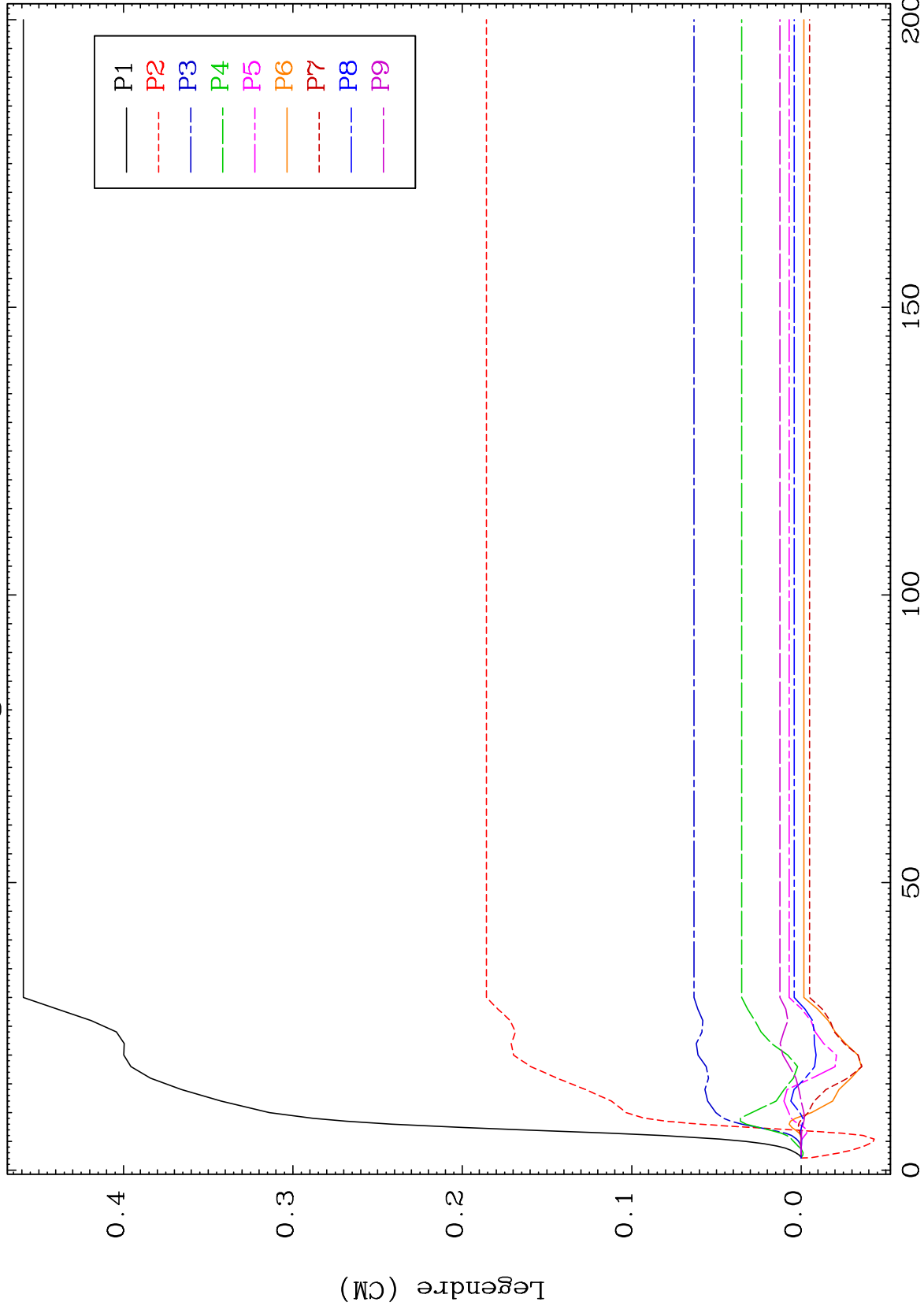
54-Xe-120



MAT 5413

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

54-Xe-120



54-Xe-120

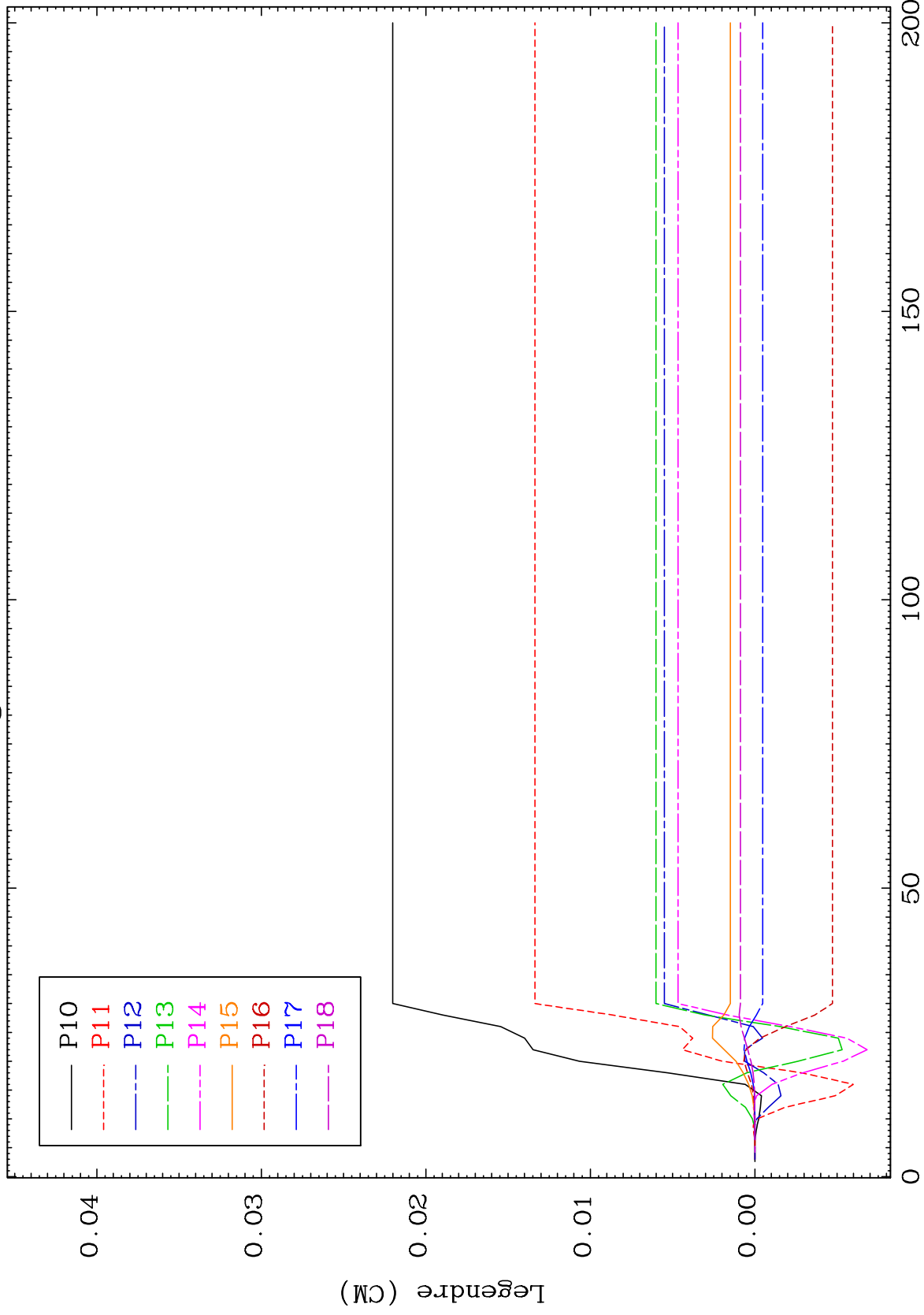
Incident Energy (MeV)

97

MAT 5413

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

54-Xe-120



98

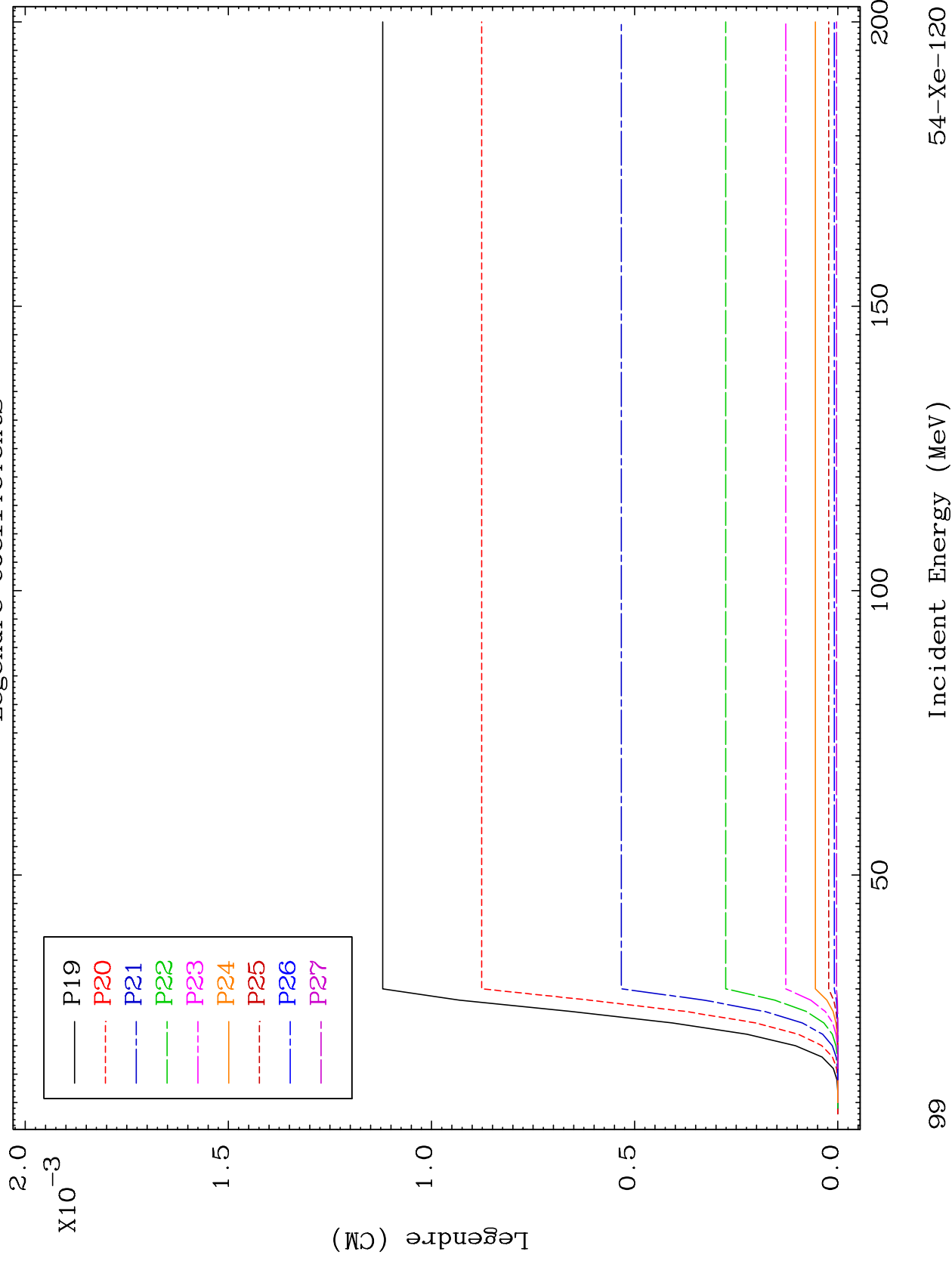
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

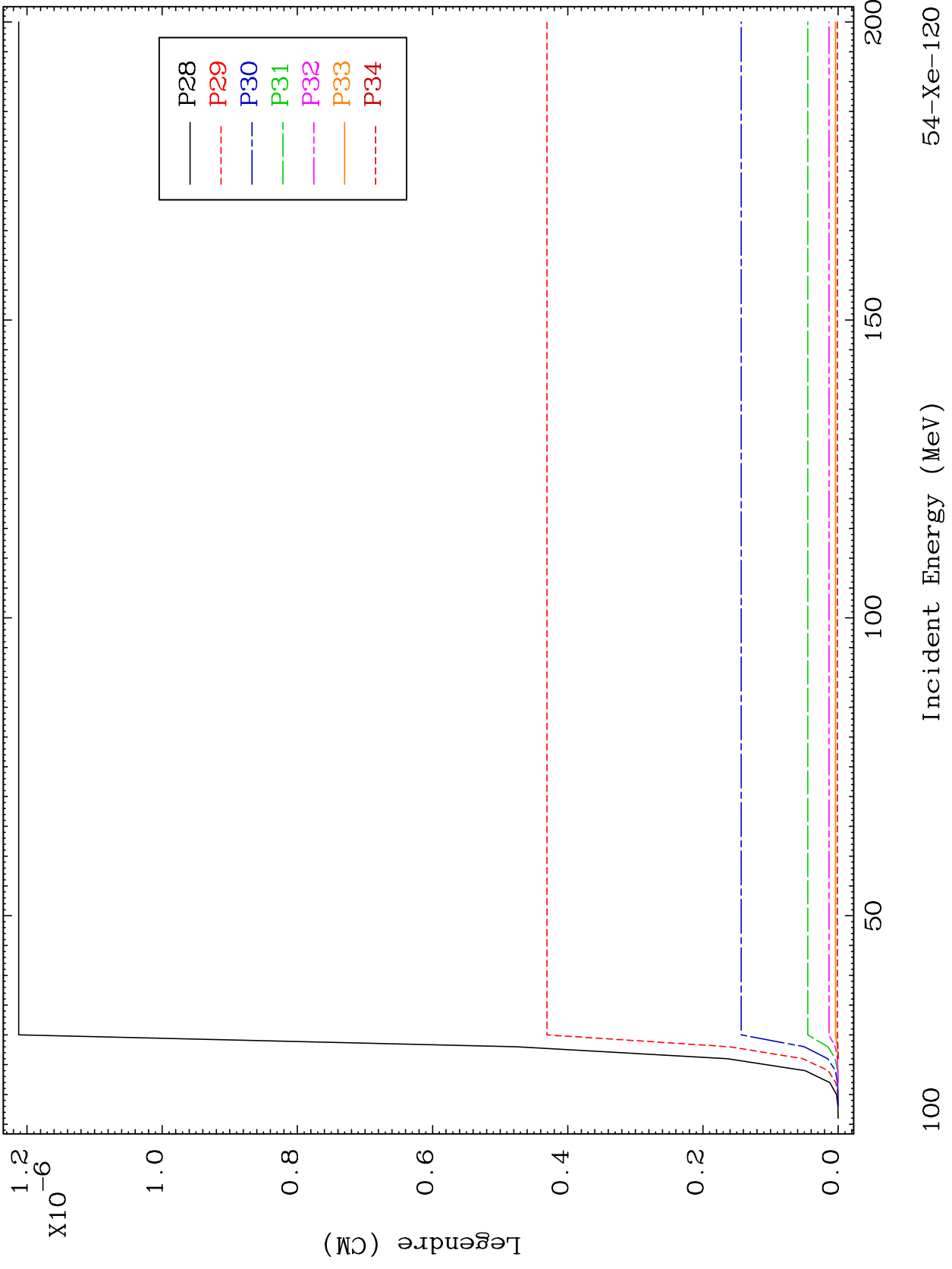
54-Xe-120



MAT 5413

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

54-Xe-120



54-Xe-120

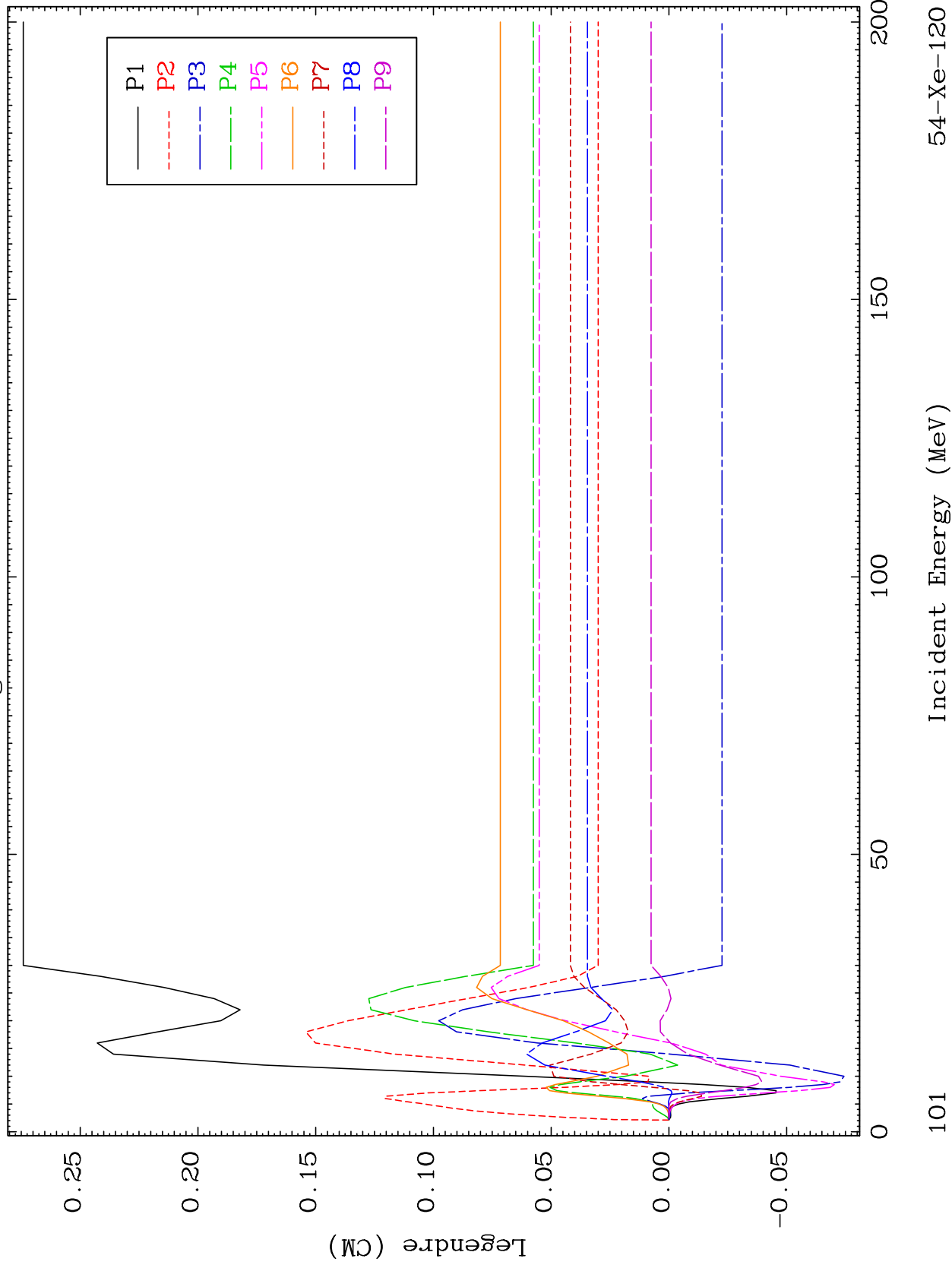
Incident Energy (MeV)

100

MAT 5413

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

54-Xe-120



54-Xe-120

Incident Energy (MeV)

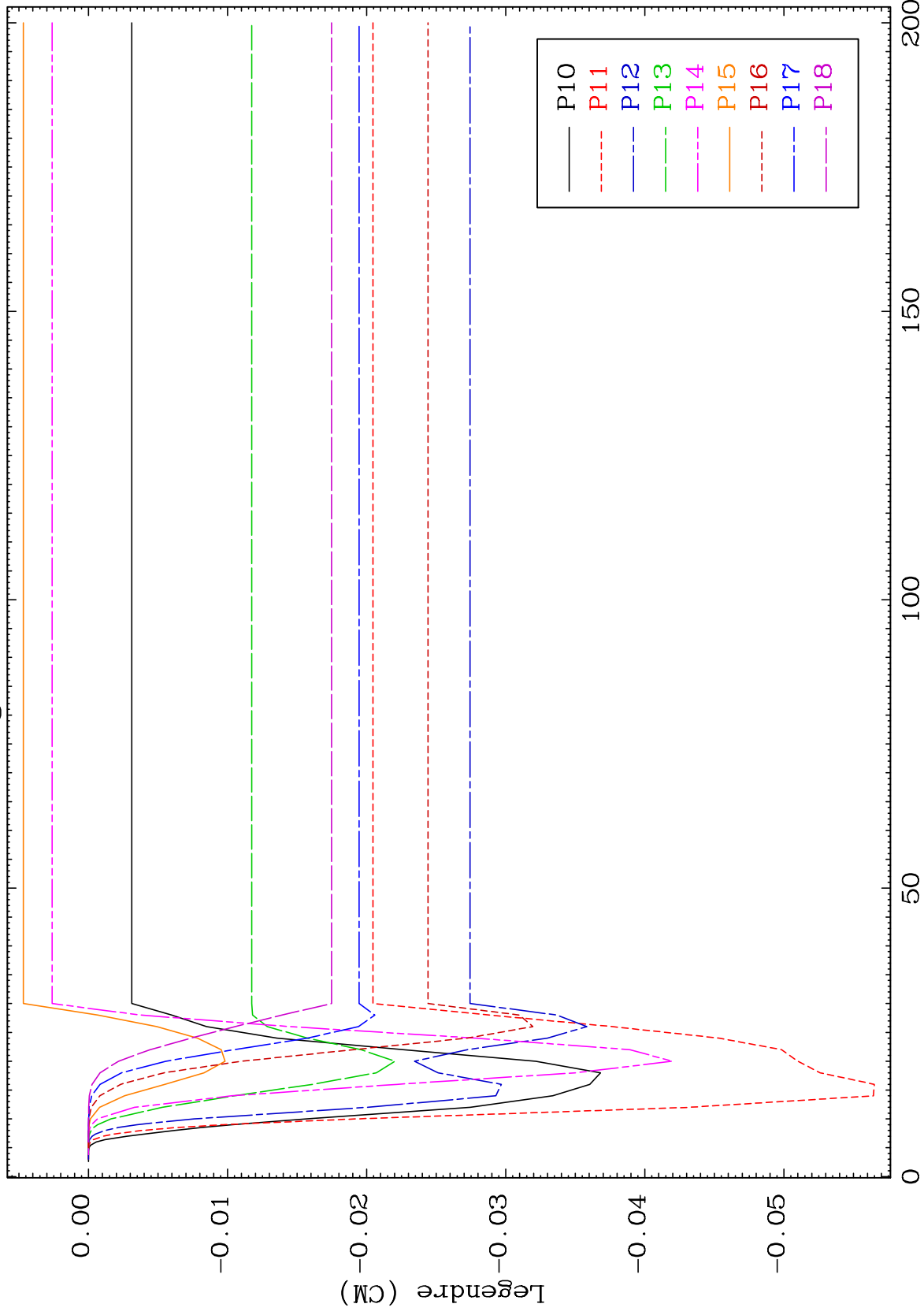
101

MAT 5413

MT= 72 (n,n') Level

54-Xe-120

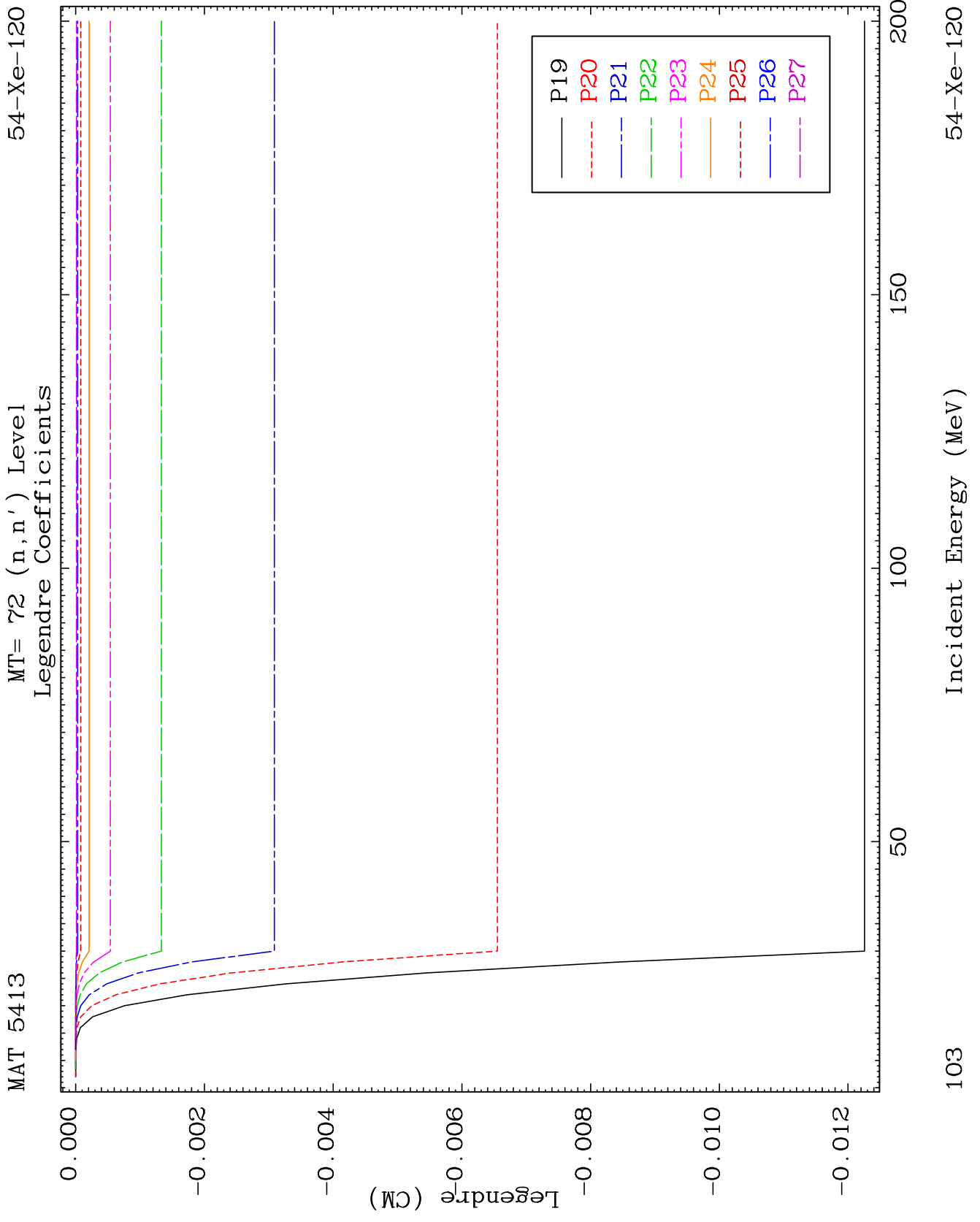
Legendre Coefficients

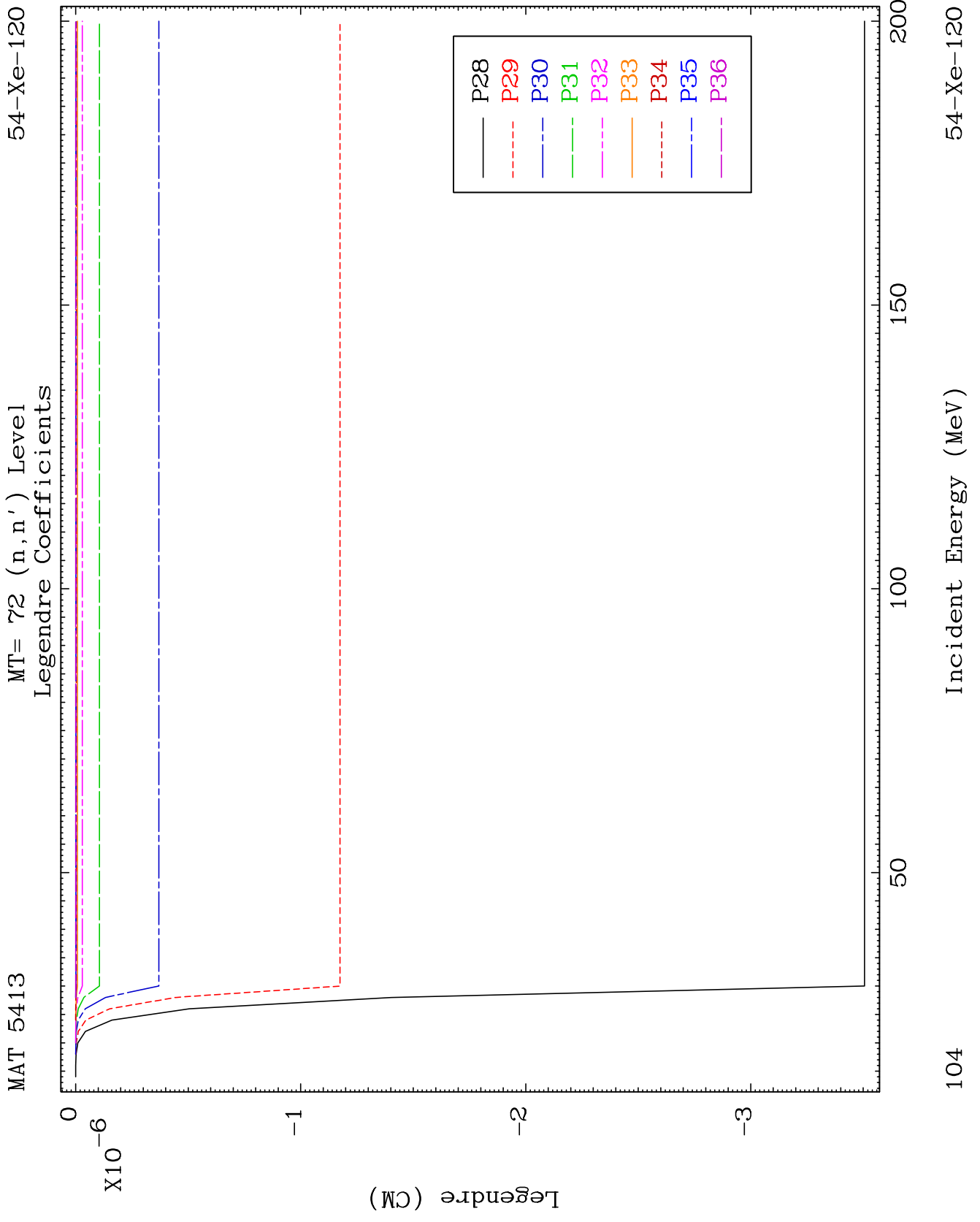


102

Incident Energy (MeV)

54-Xe-120

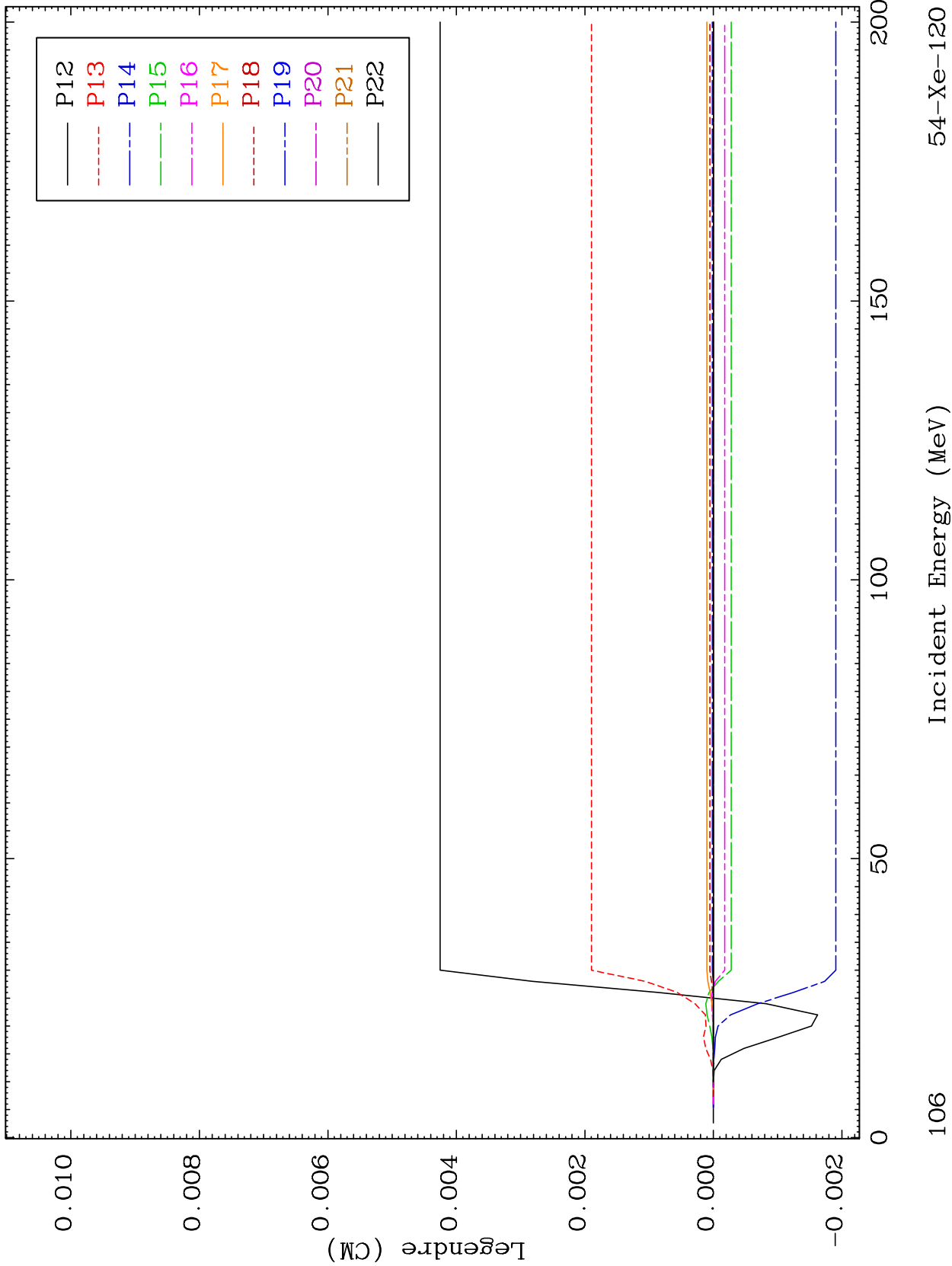




MAT 5413

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

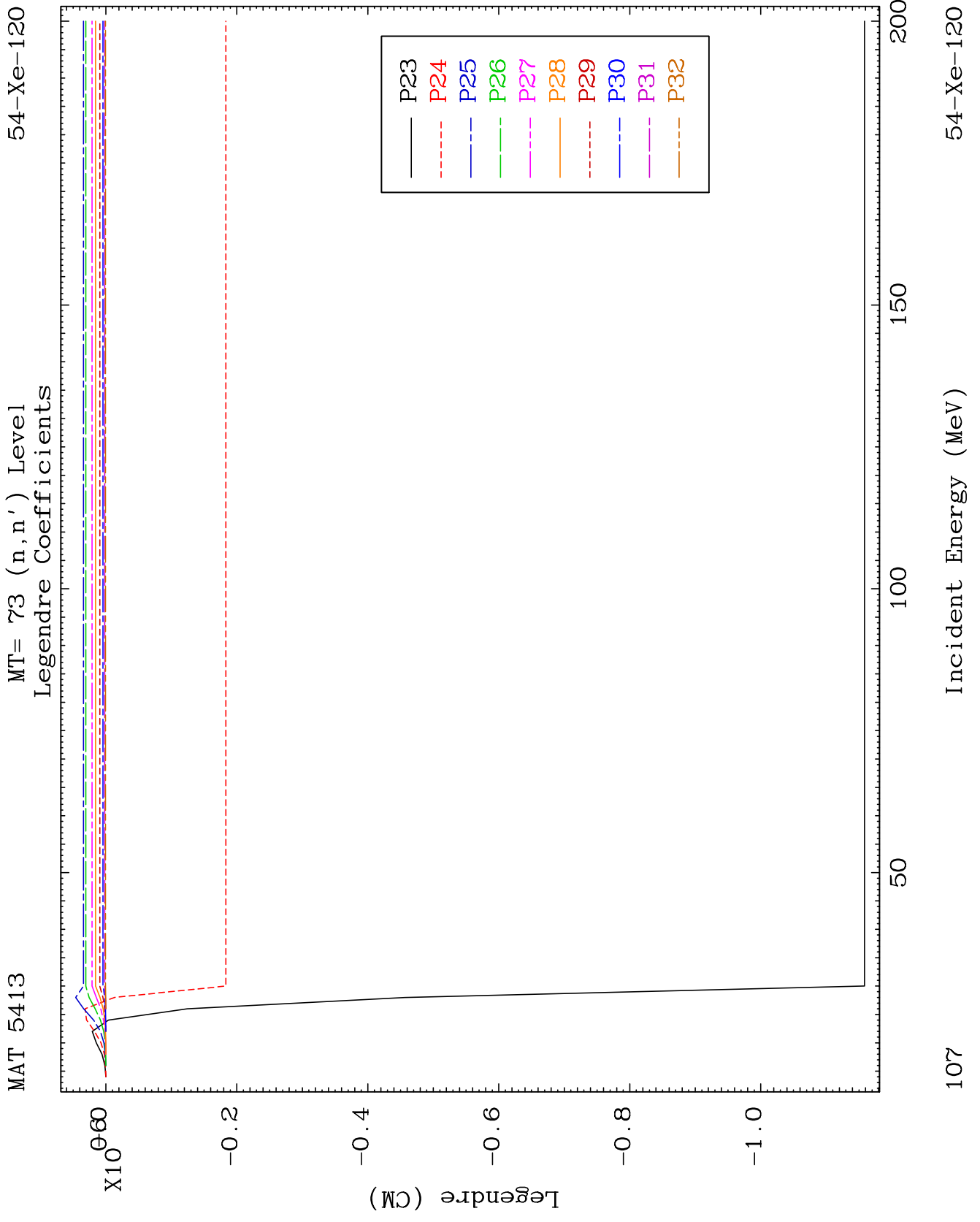
54-Xe-120



54-Xe-120

Incident Energy (MeV)

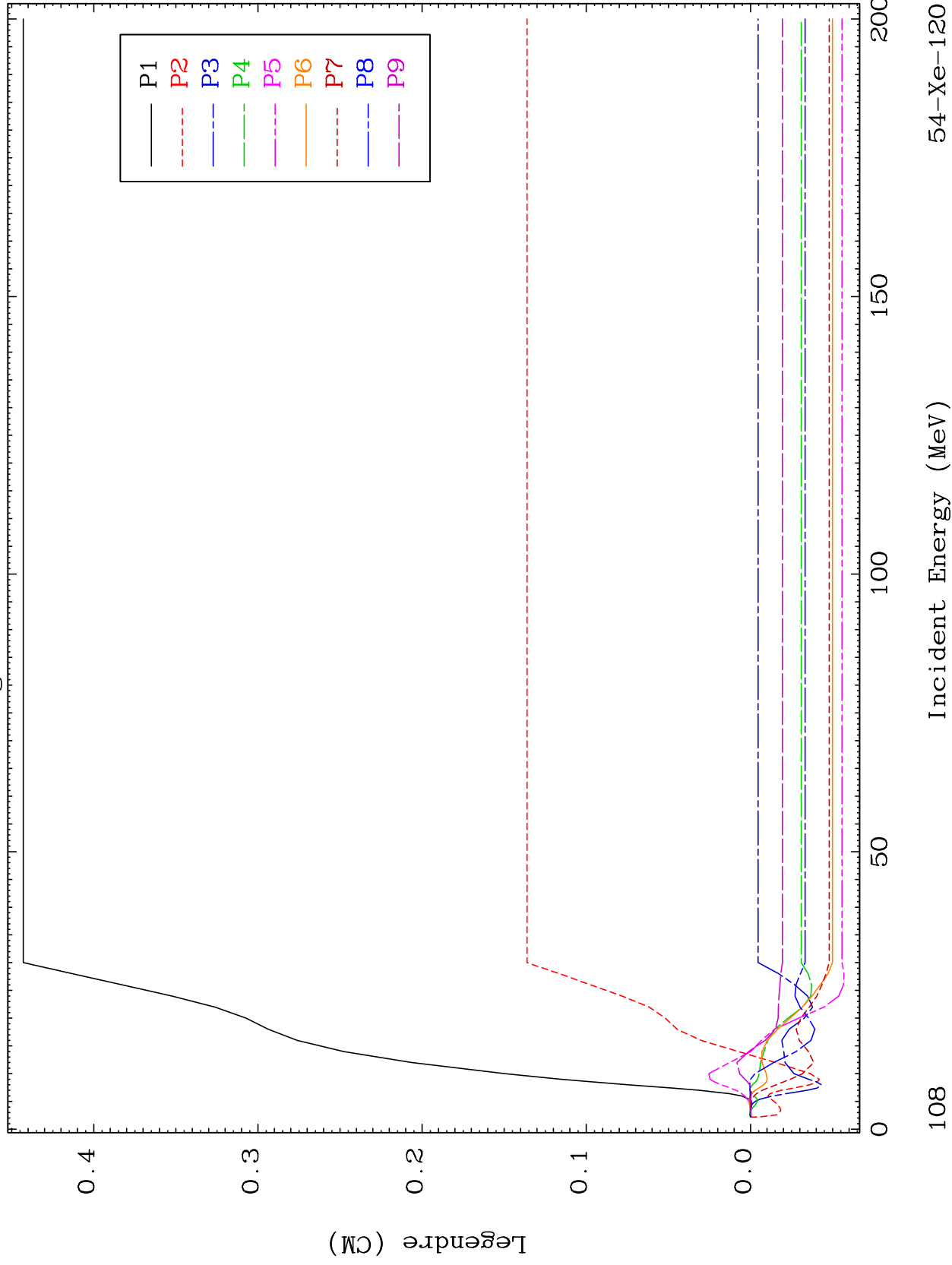
106



MAT 5413

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

54-Xe-120



54-Xe-120

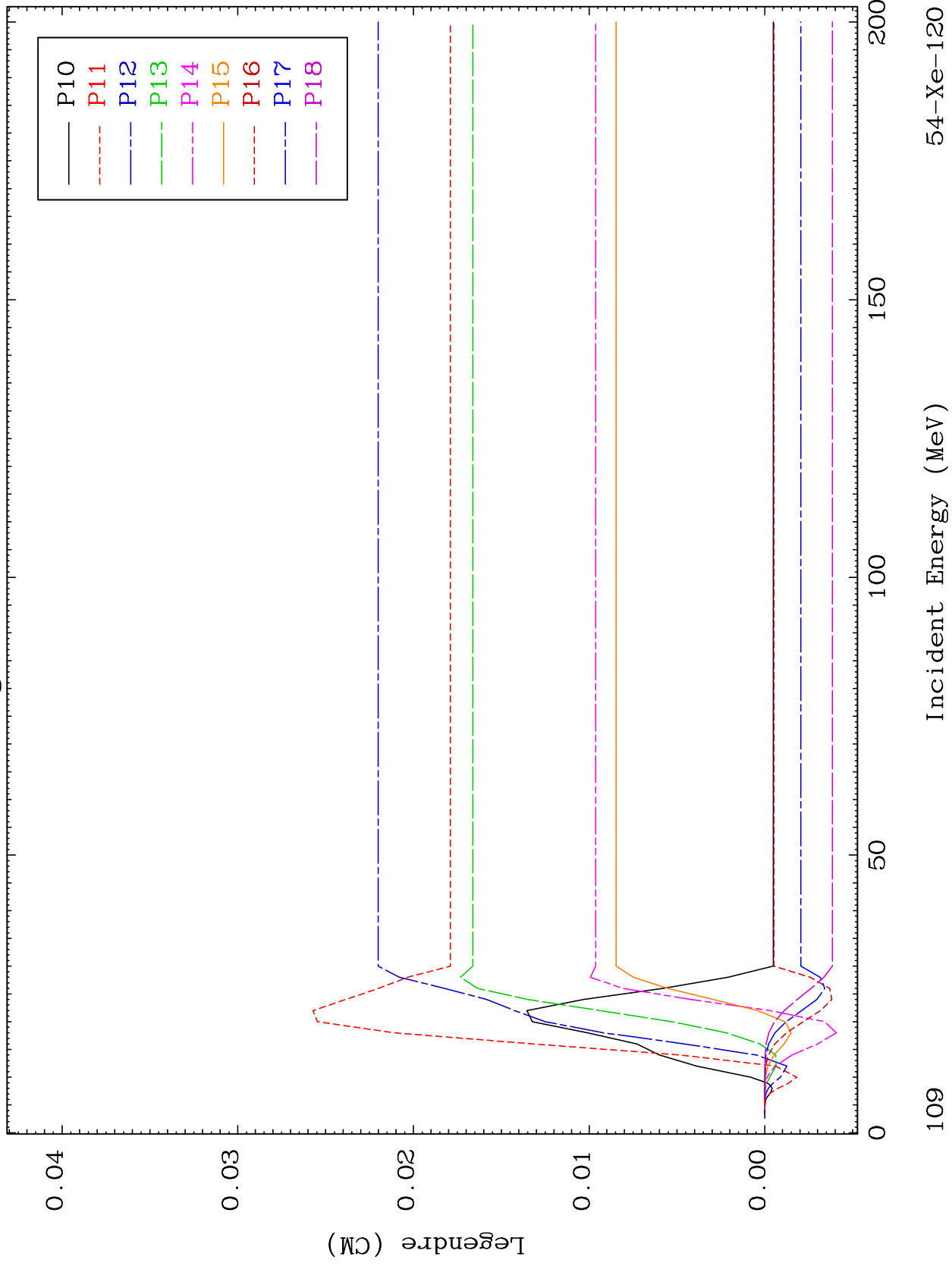
Incident Energy (MeV)

108

MAT 5413

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

54-Xe-120



54-Xe-120

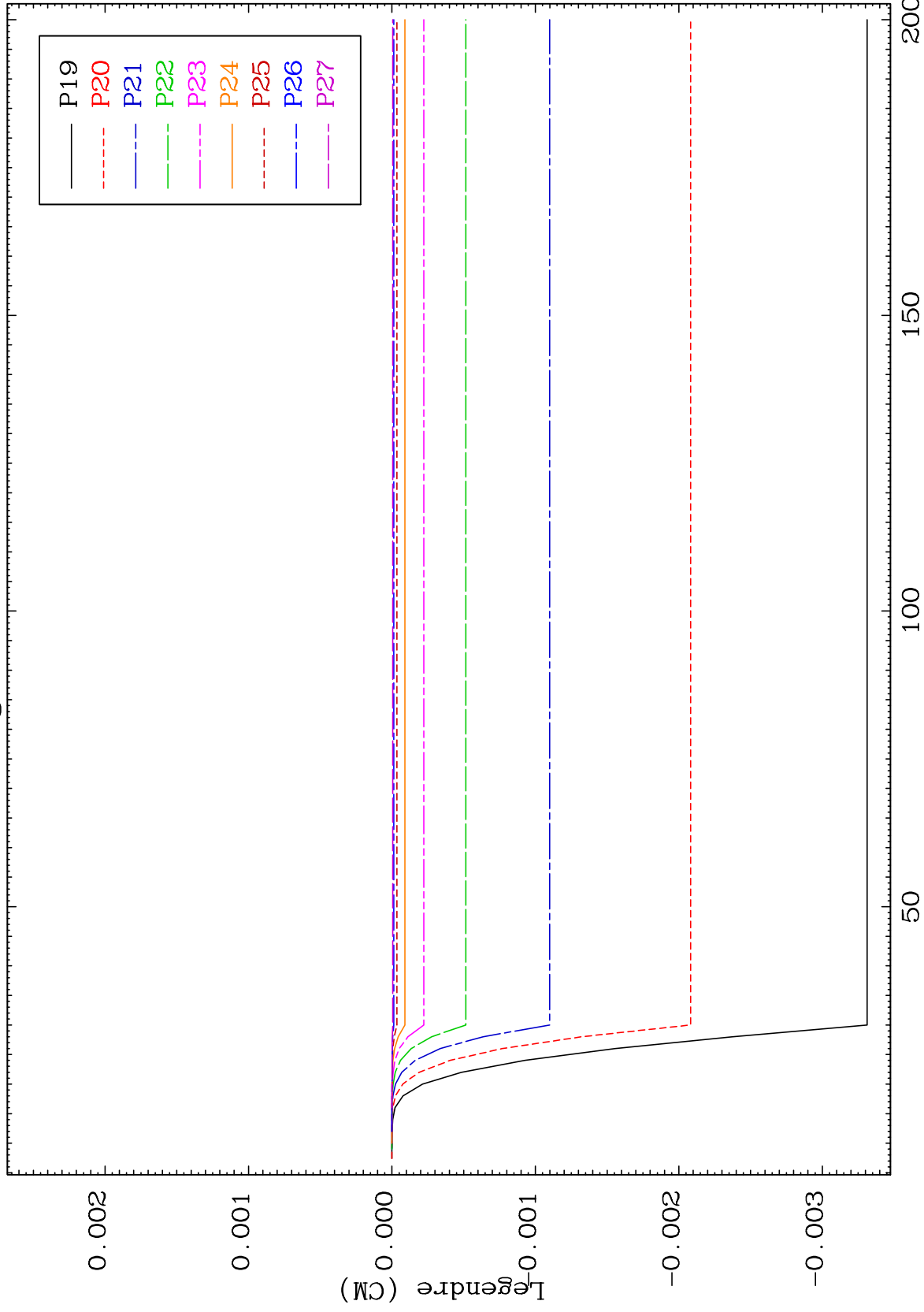
Incident Energy (MeV)

109

MAT 5413

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

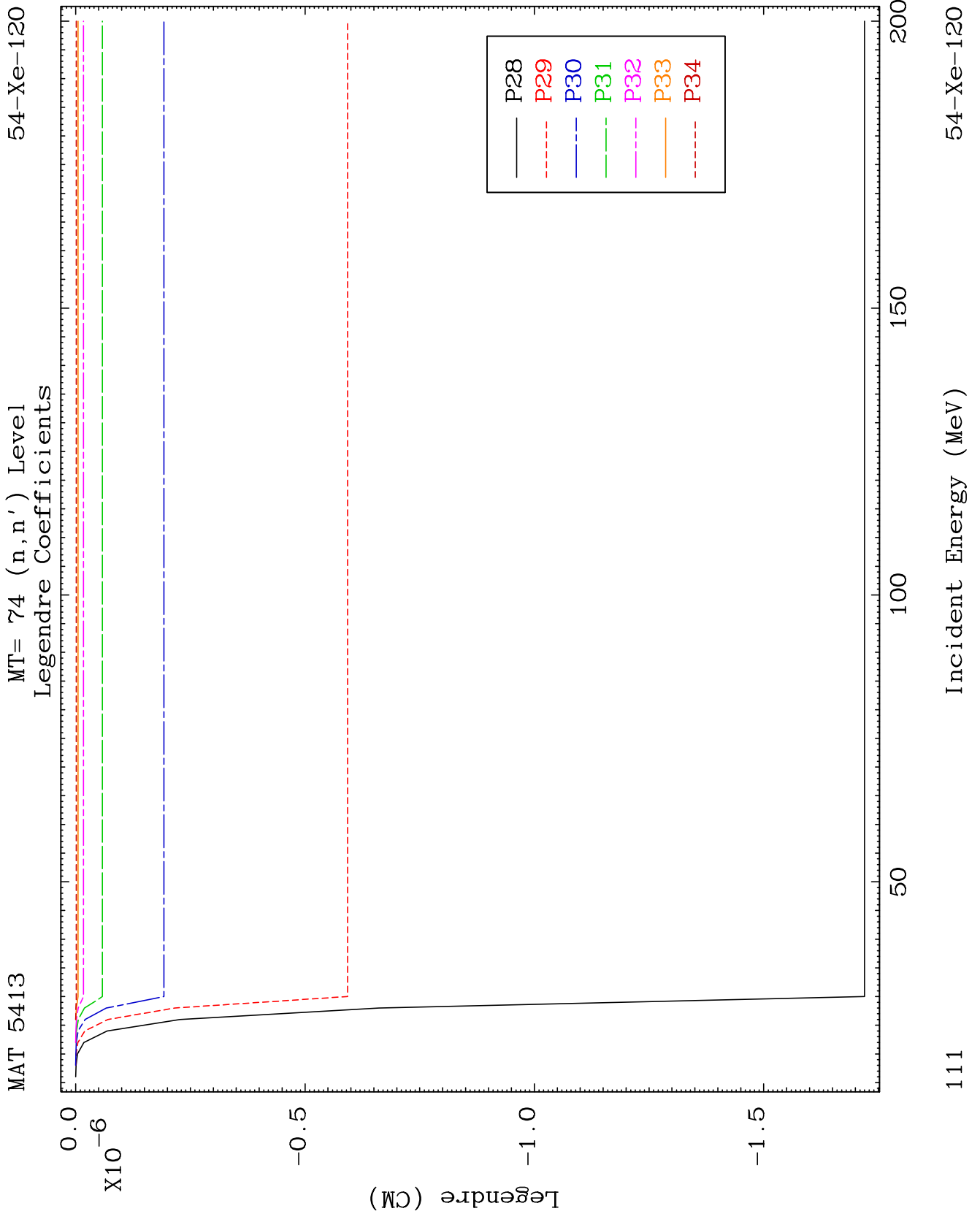
54-Xe-120



110

Incident Energy (MeV)

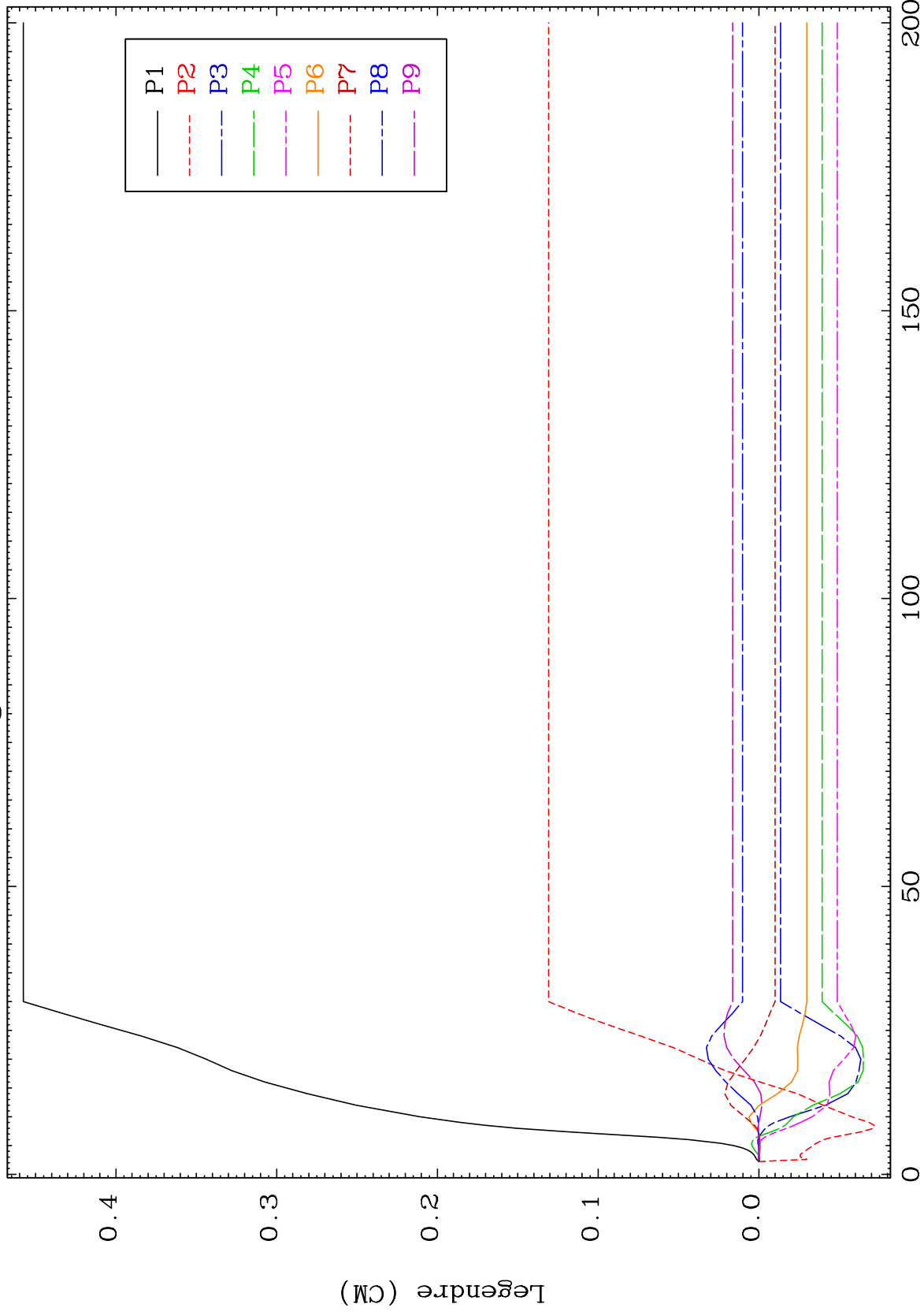
54-Xe-120



MAT 5413

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

54-Xe-120



112

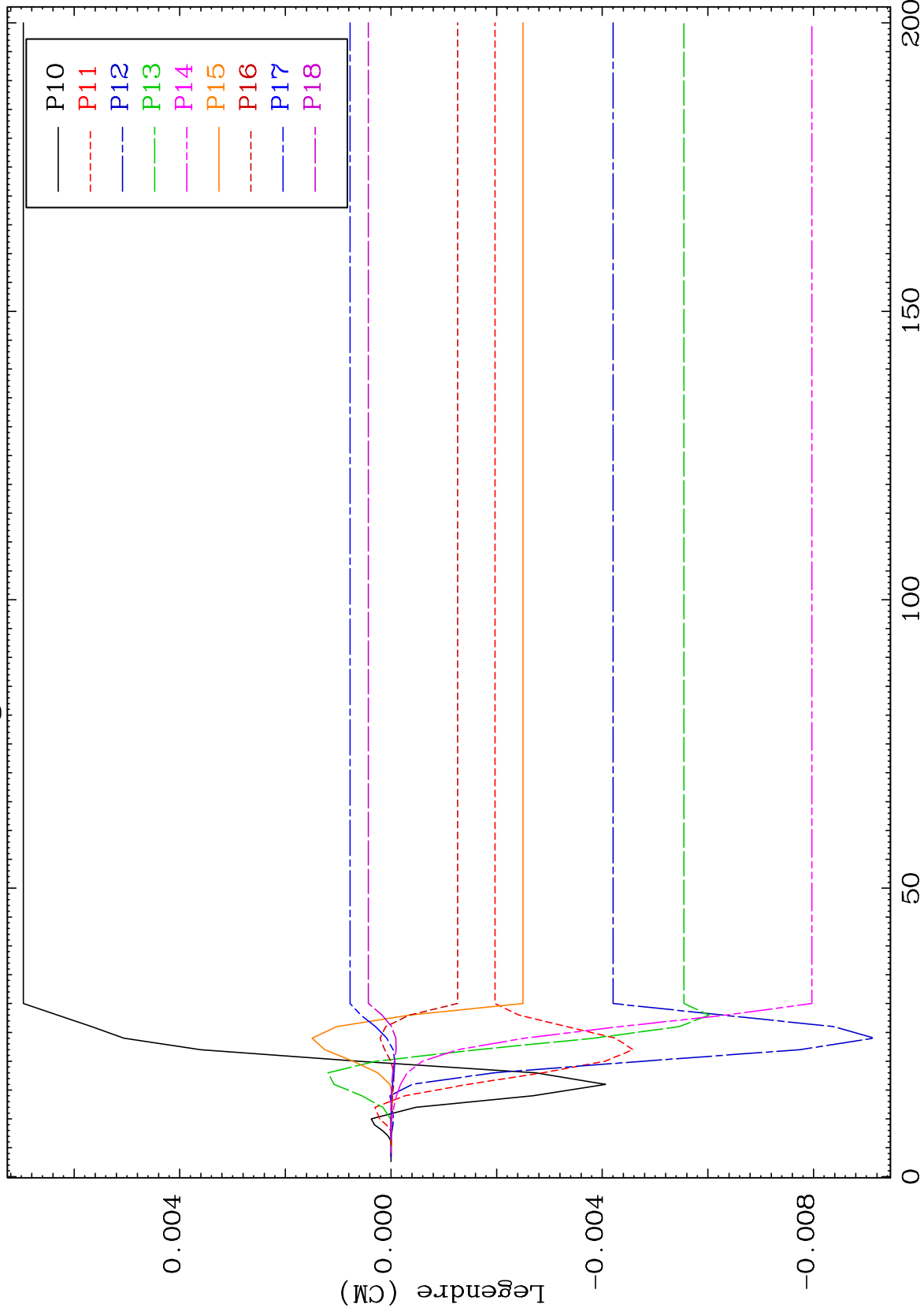
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



113

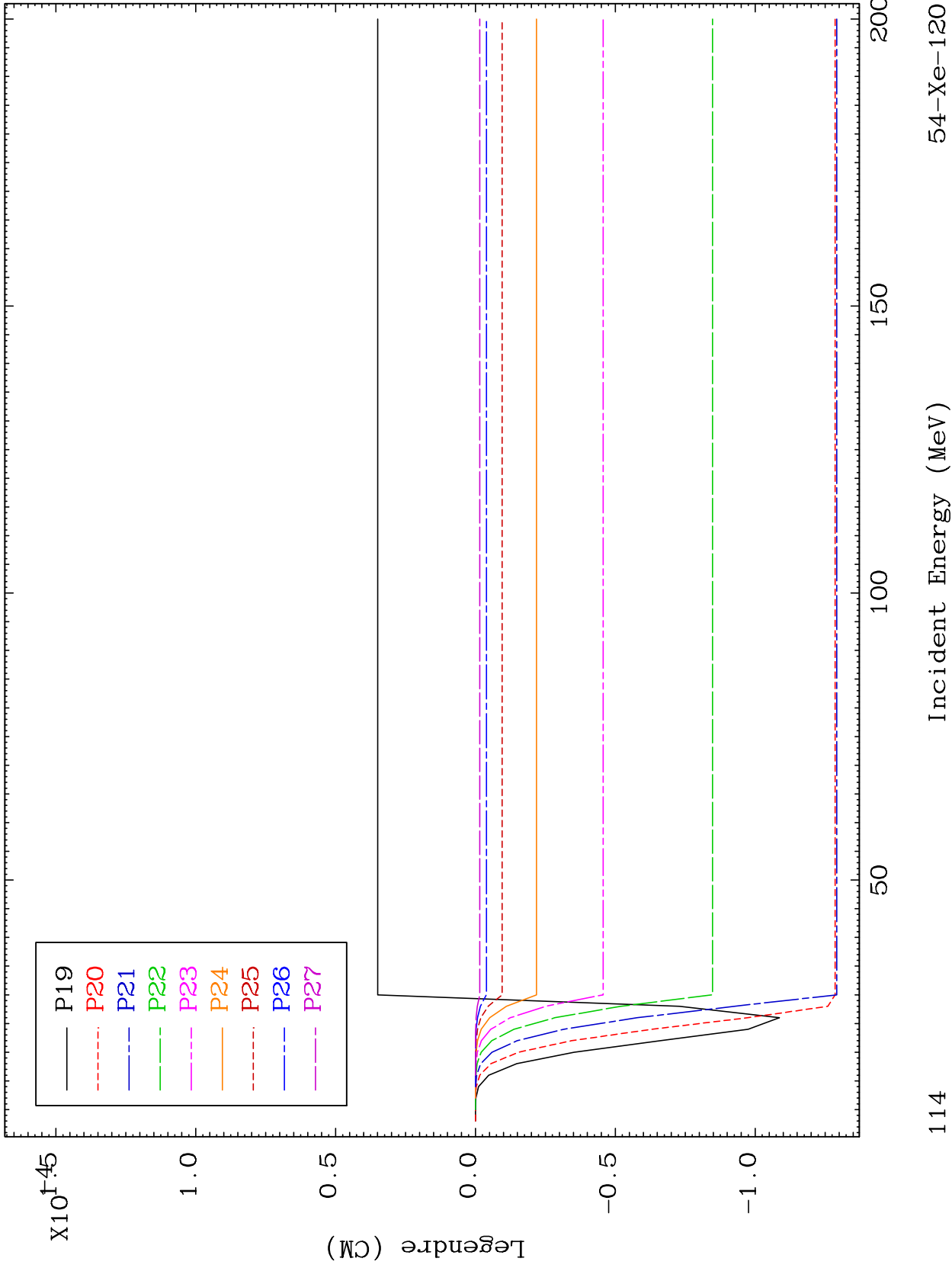
Incident Energy (MeV)

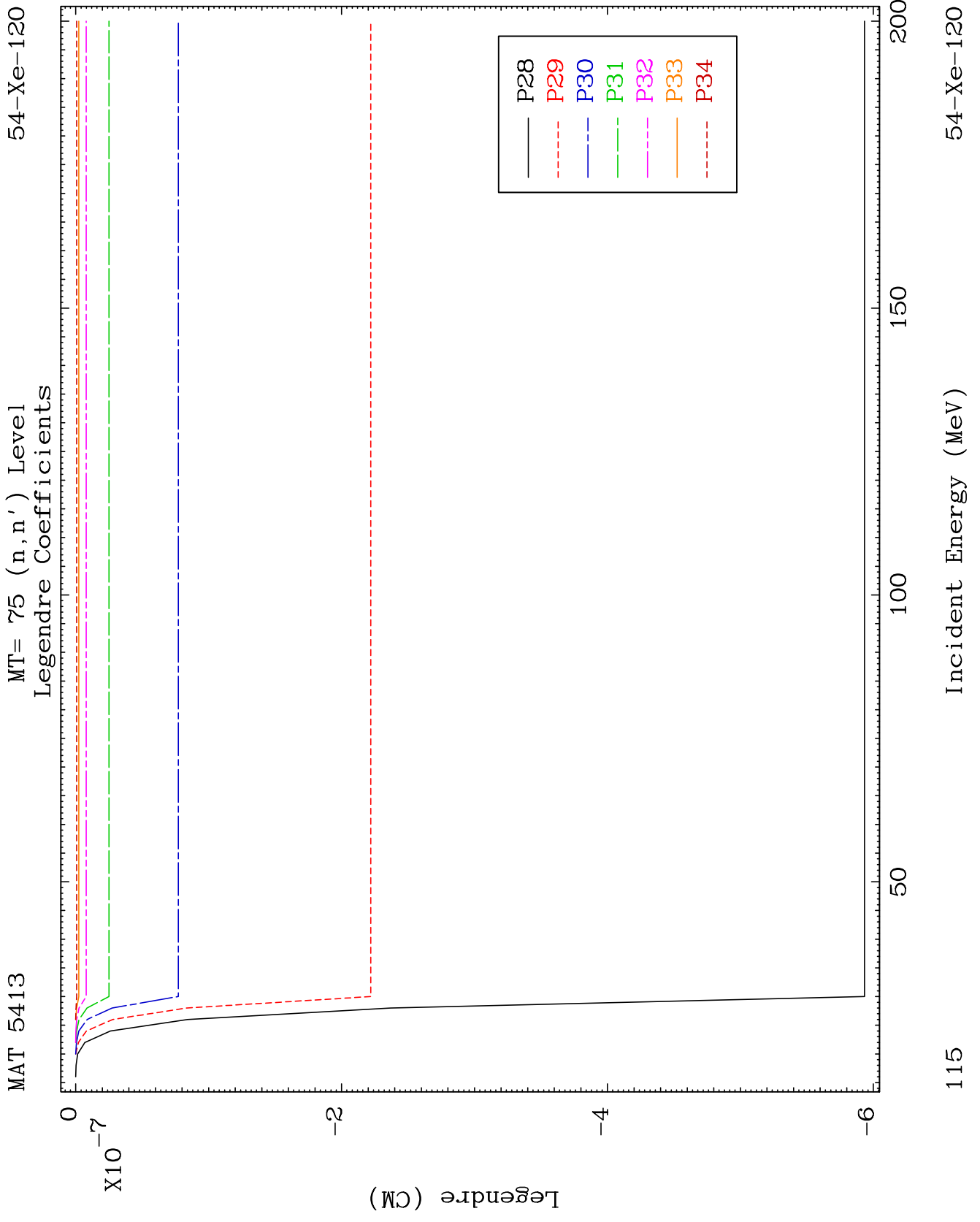
54-Xe-120

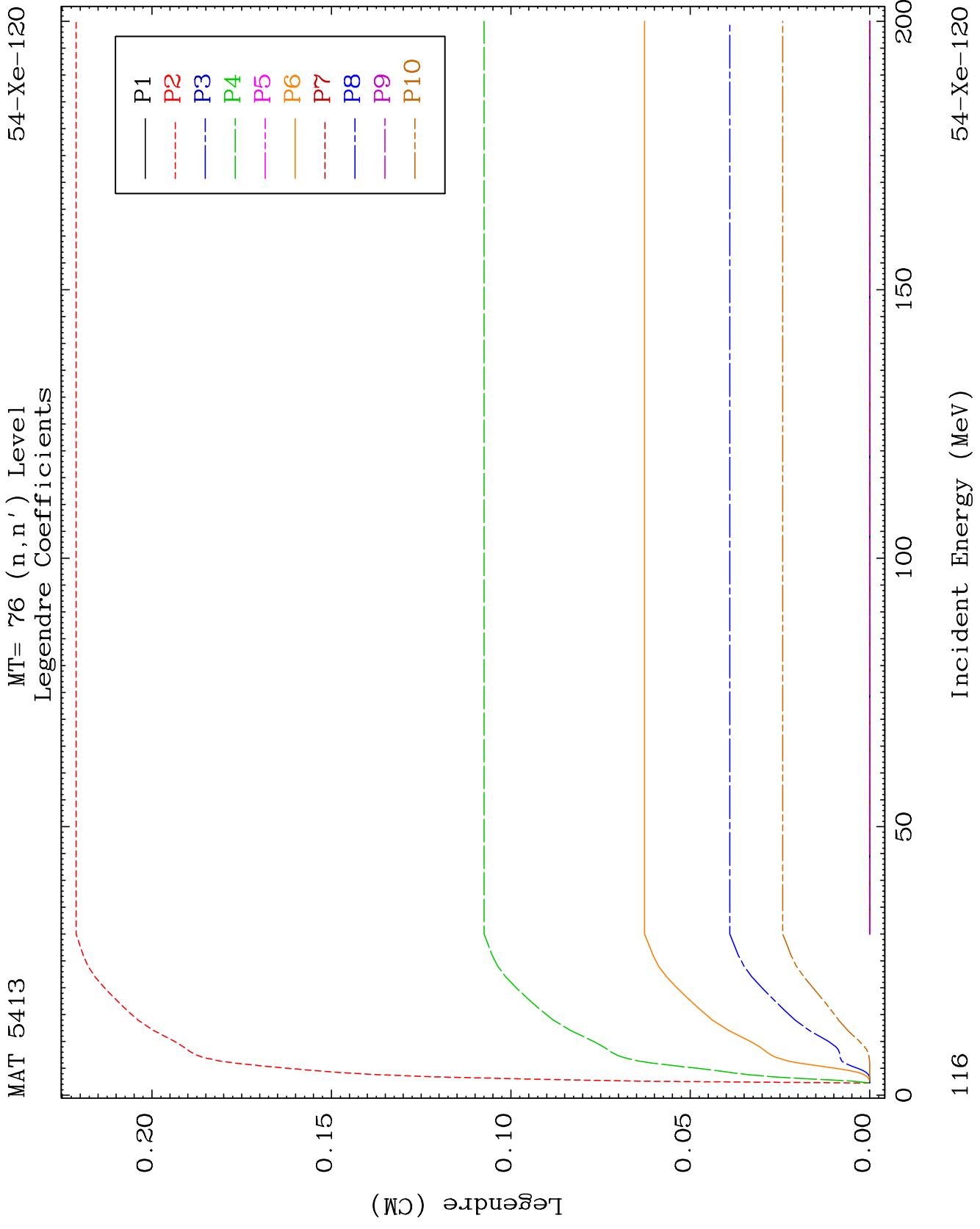
MAT 5413

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

54-Xe-120





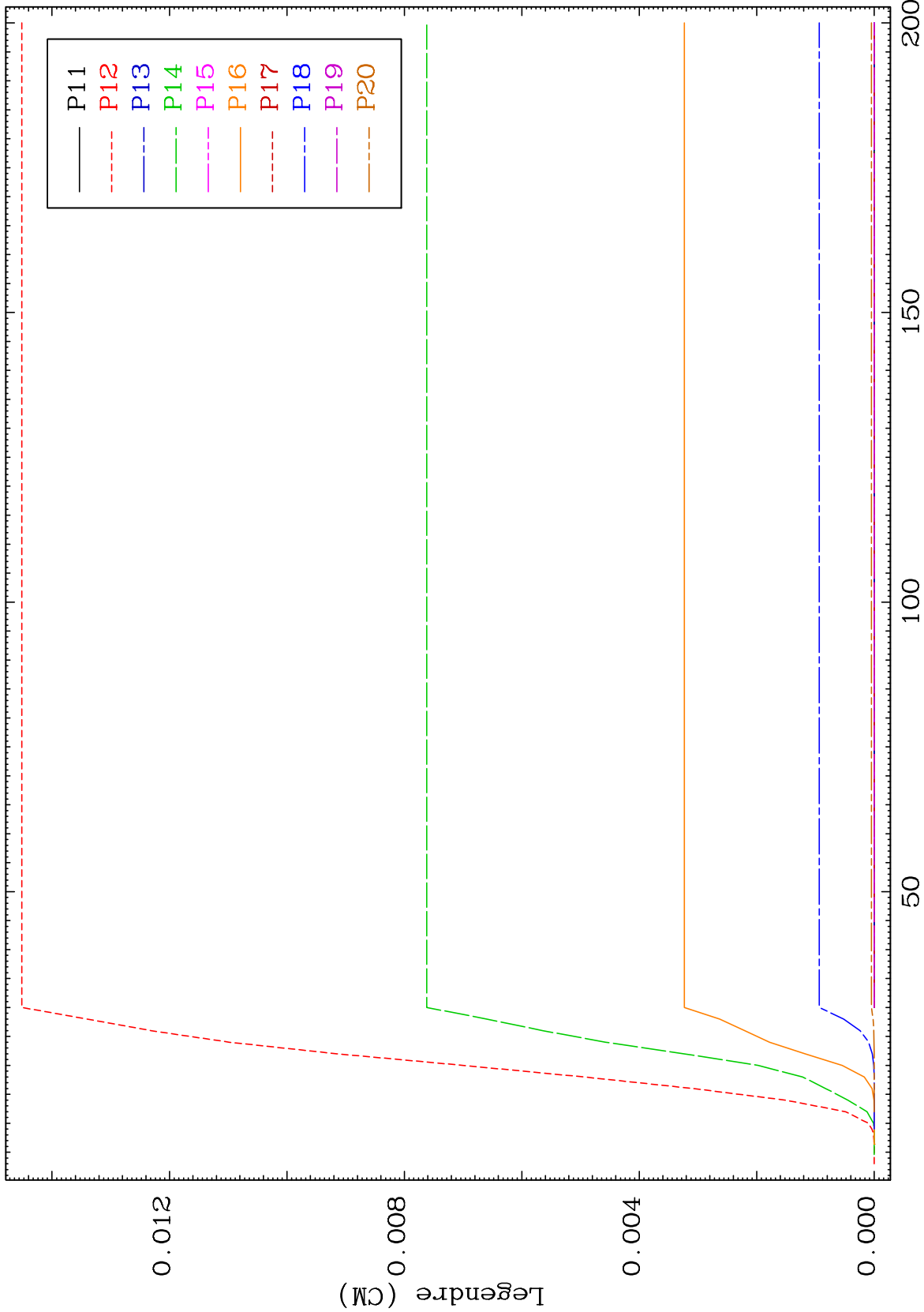


MAT 5413

MT= 76 (n,n') Level

54-Xe-120

Legendre Coefficients



117

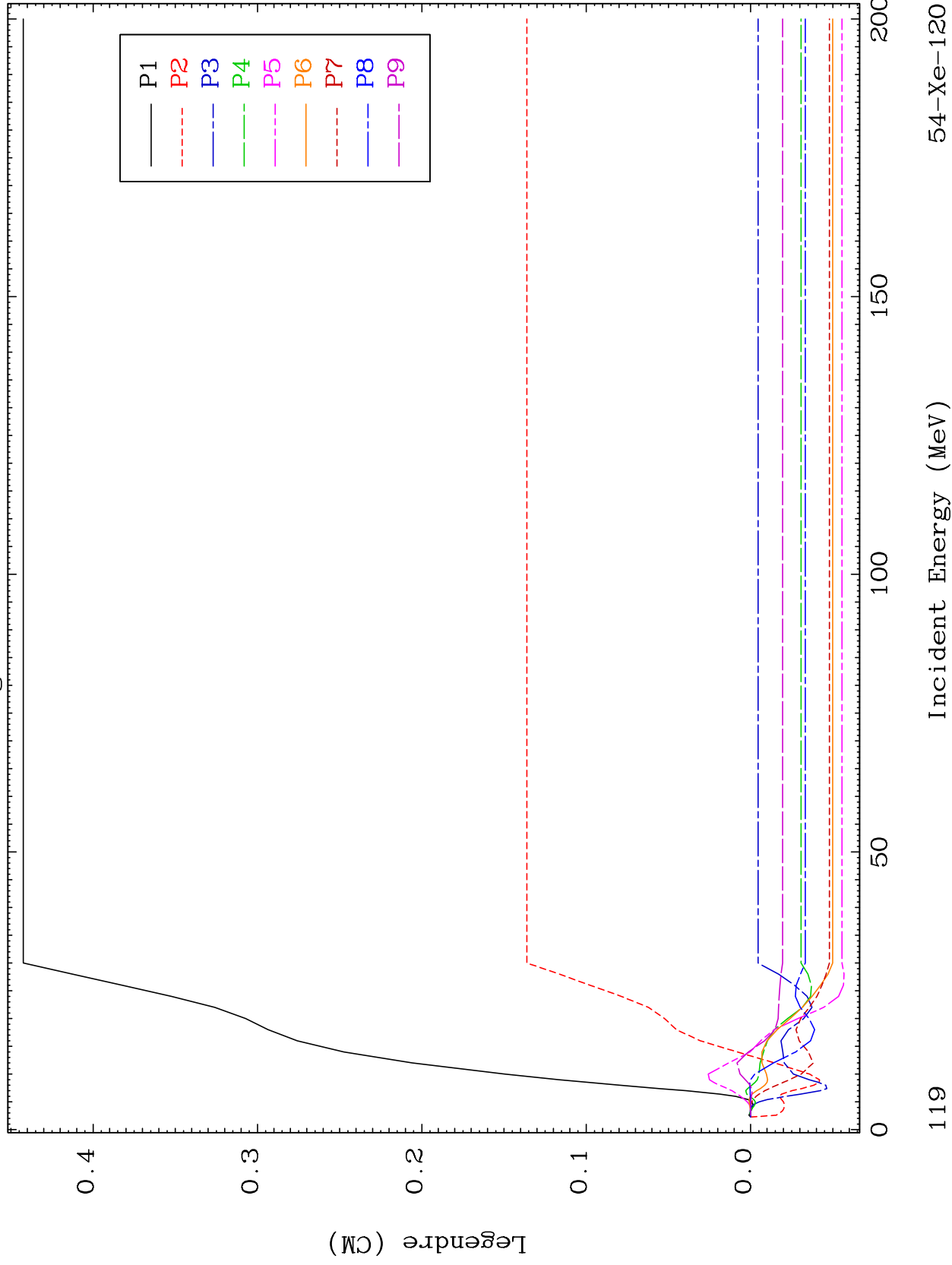
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

54-Xe-120



119

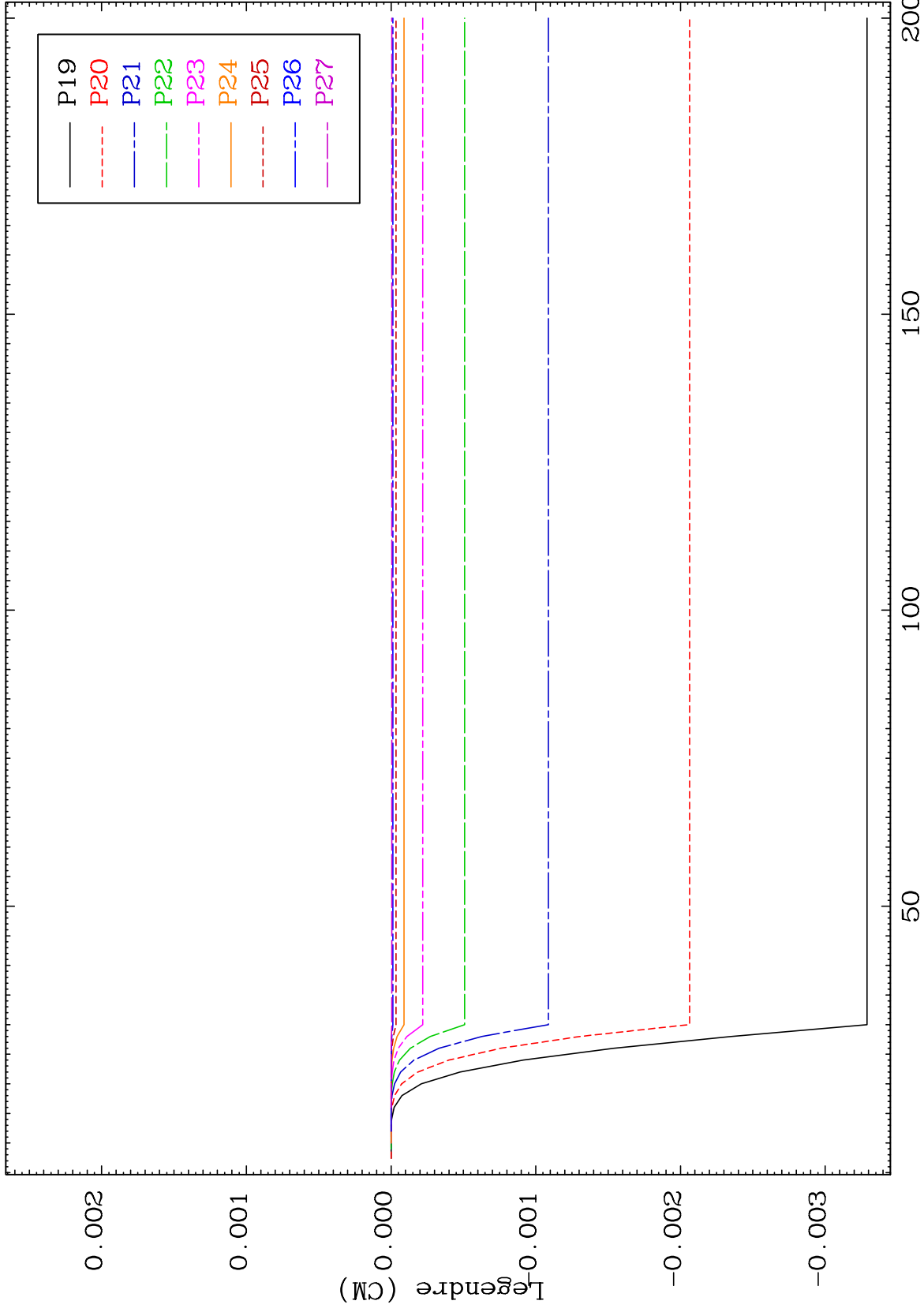
Incident Energy (MeV)

54-Xe-120

MAT 5413

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

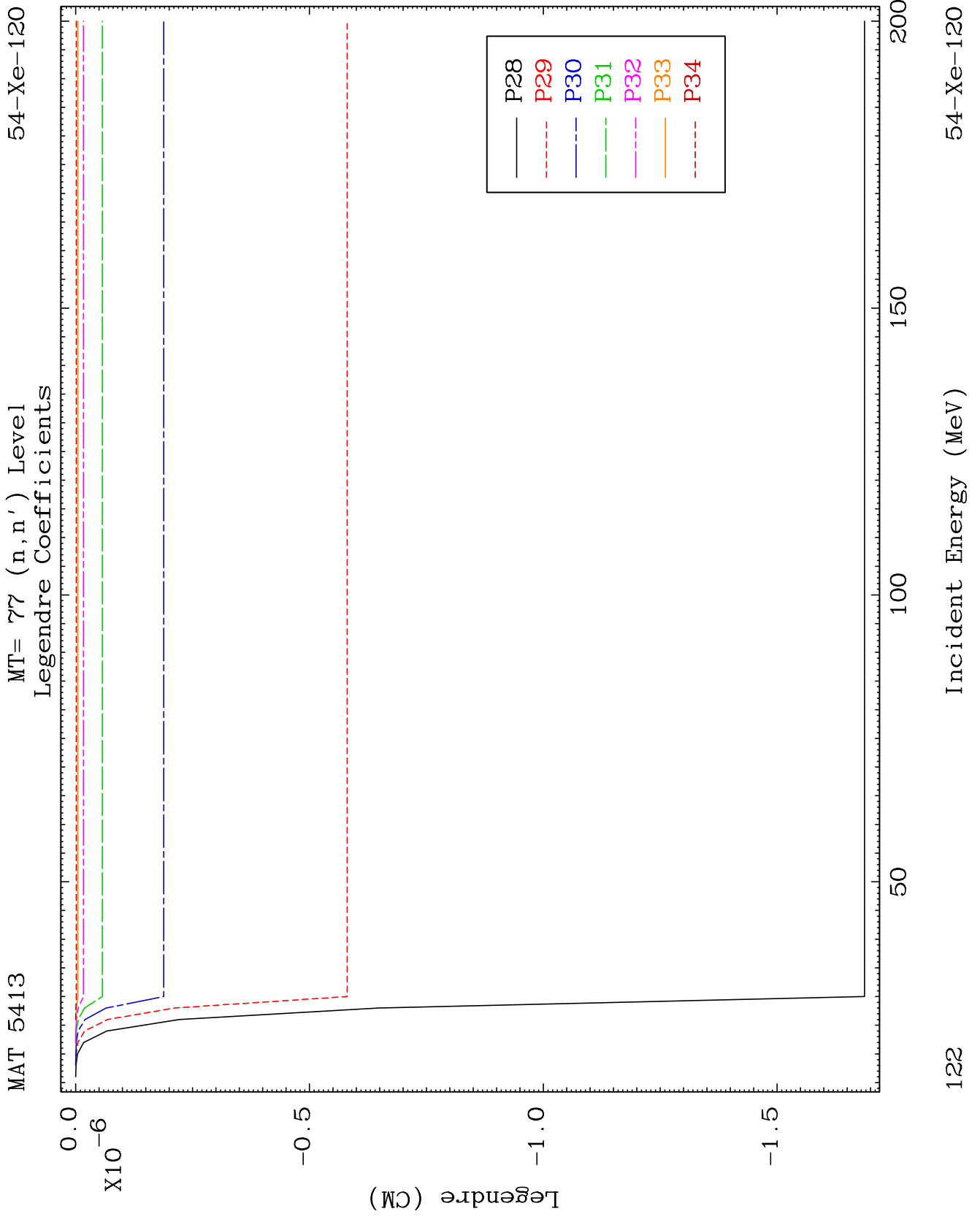
54-Xe-120



121

Incident Energy (MeV)

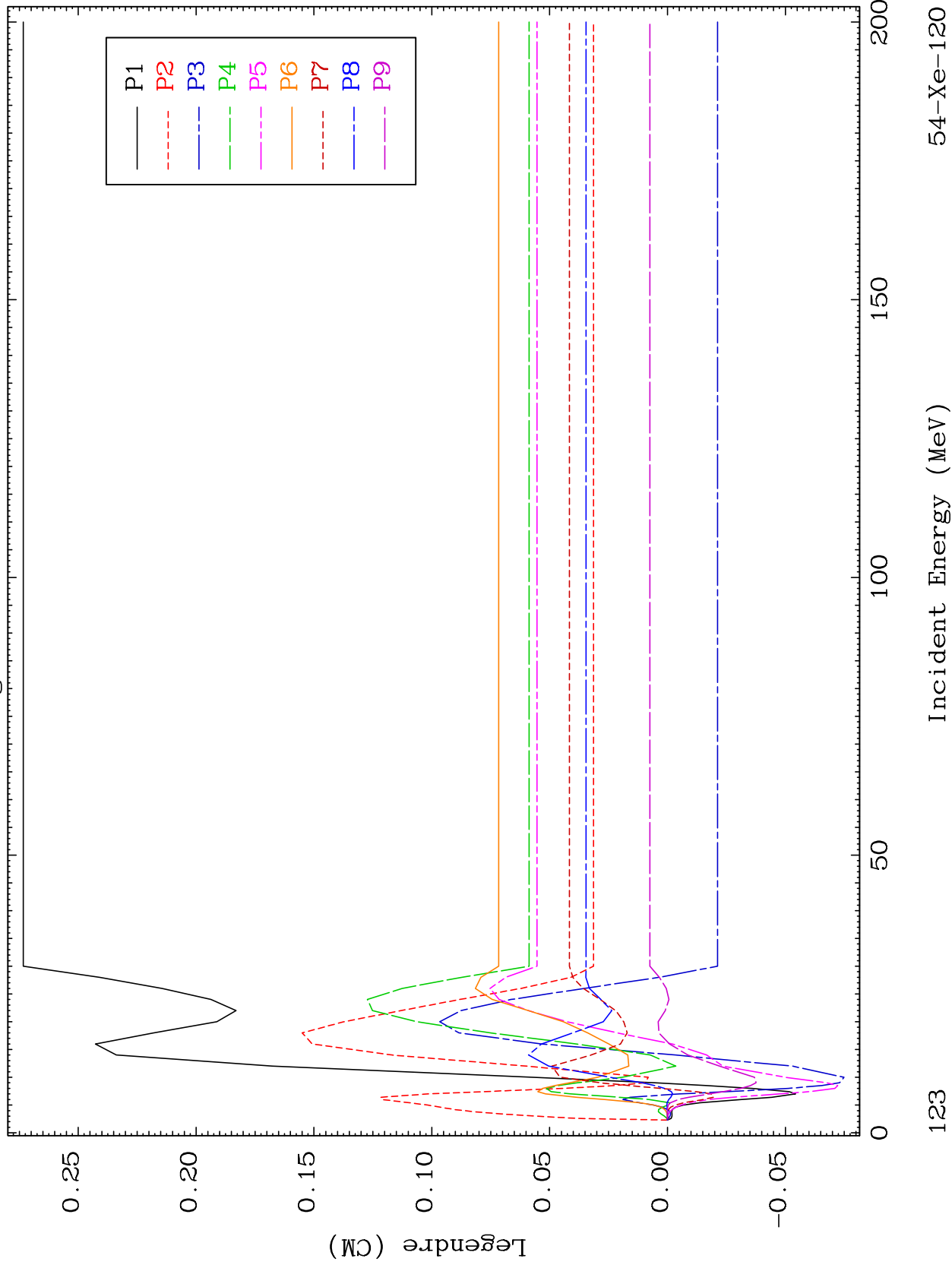
54-Xe-120



MAT 5413

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

54-Xe-120



123

Incident Energy (MeV)

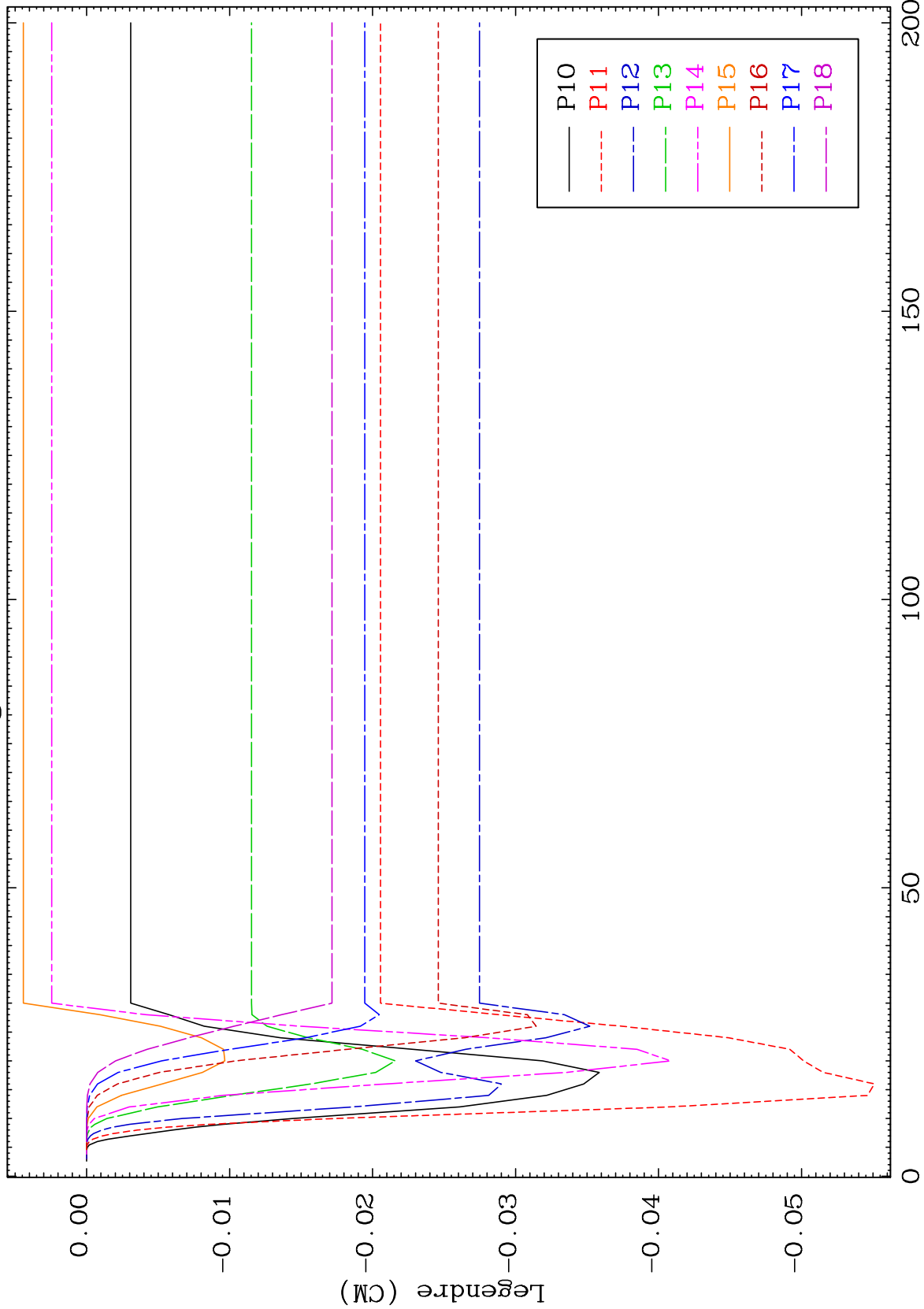
54-Xe-120

MAT 5413

MT= 78 (n,n') Level

54-Xe-120

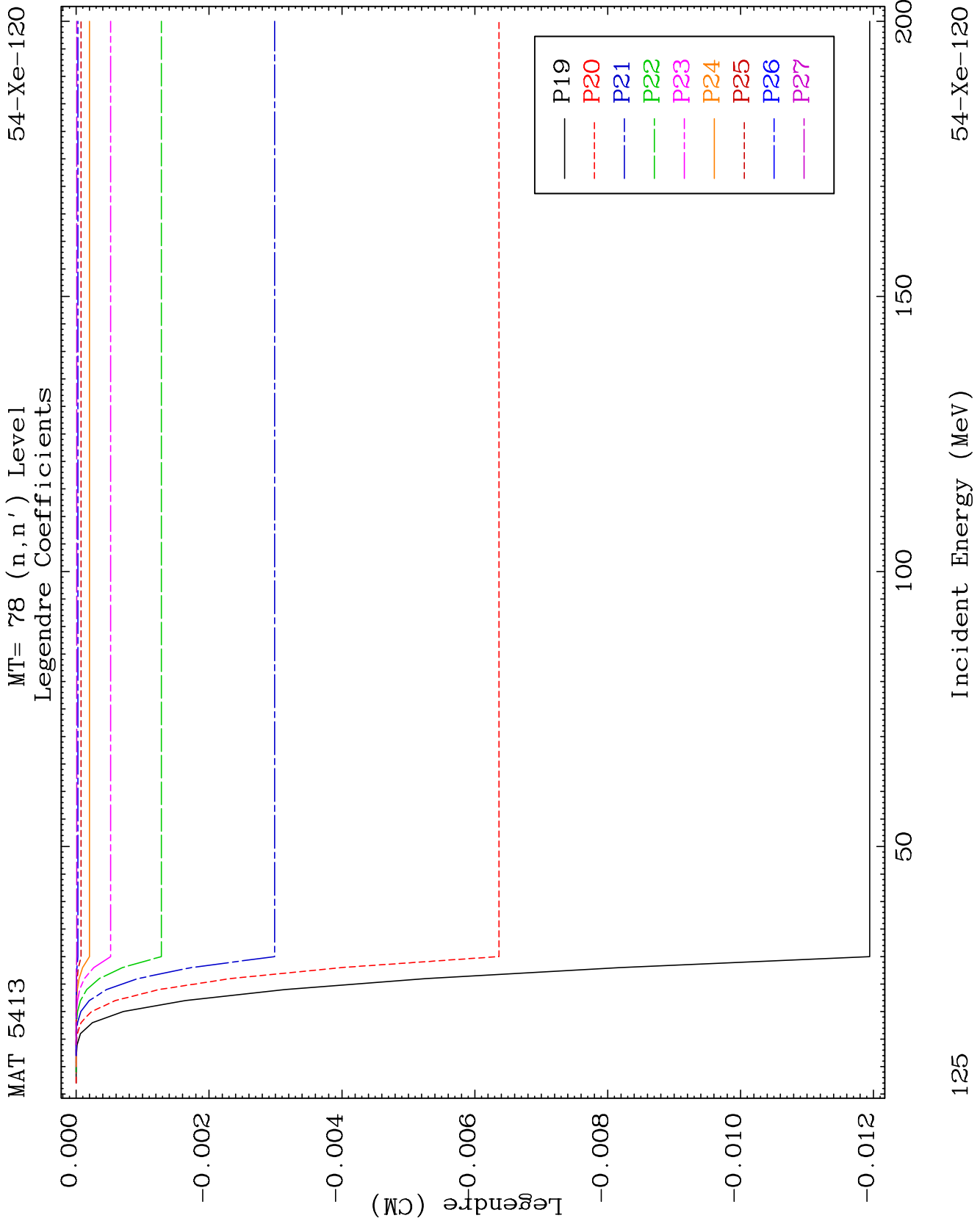
Legendre Coefficients

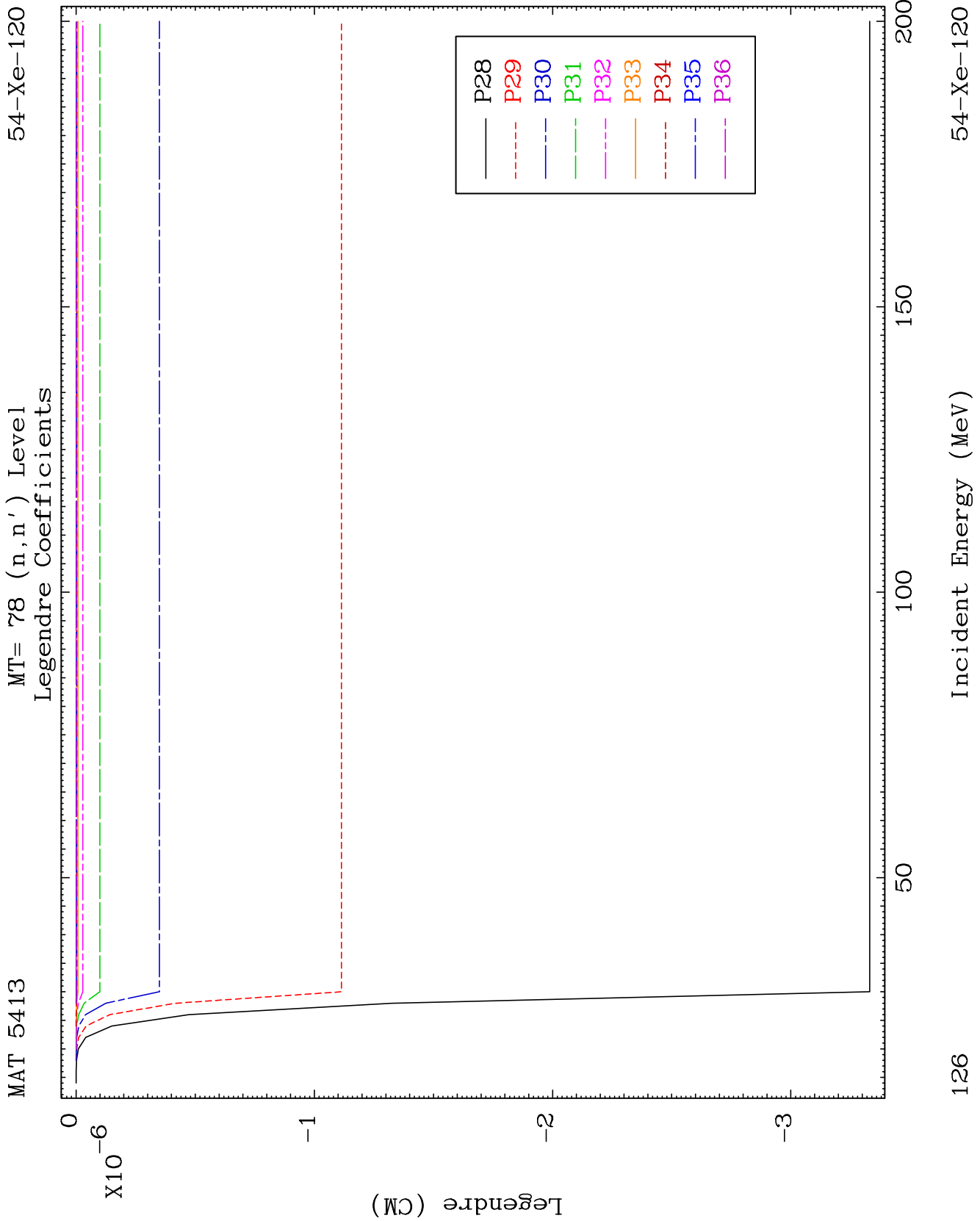


124

Incident Energy (MeV)

54-Xe-120



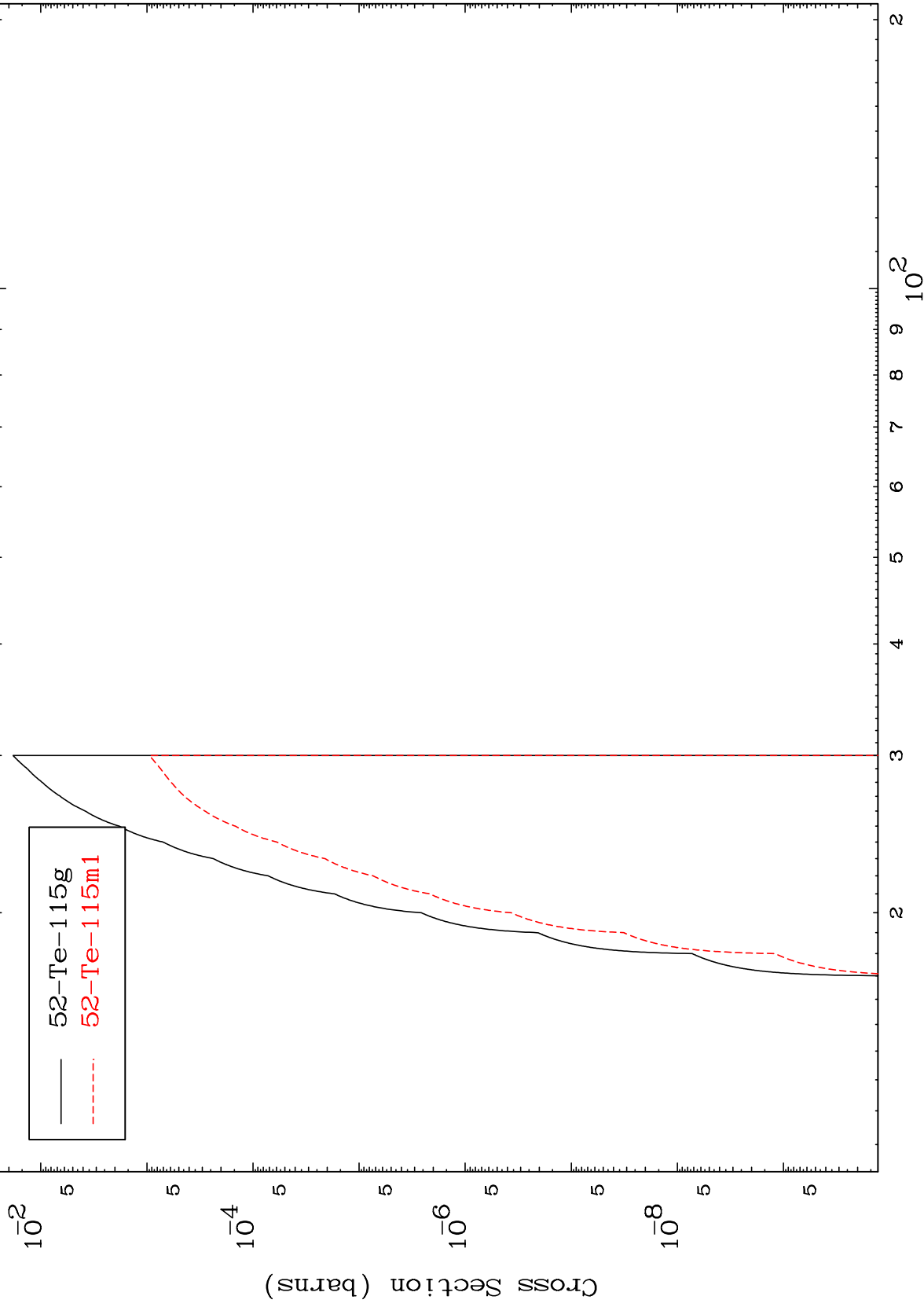


MAT 5413

54-Xe-120

(n,2n) α

Radionuclide Production Cross Section



127

54-Xe-120

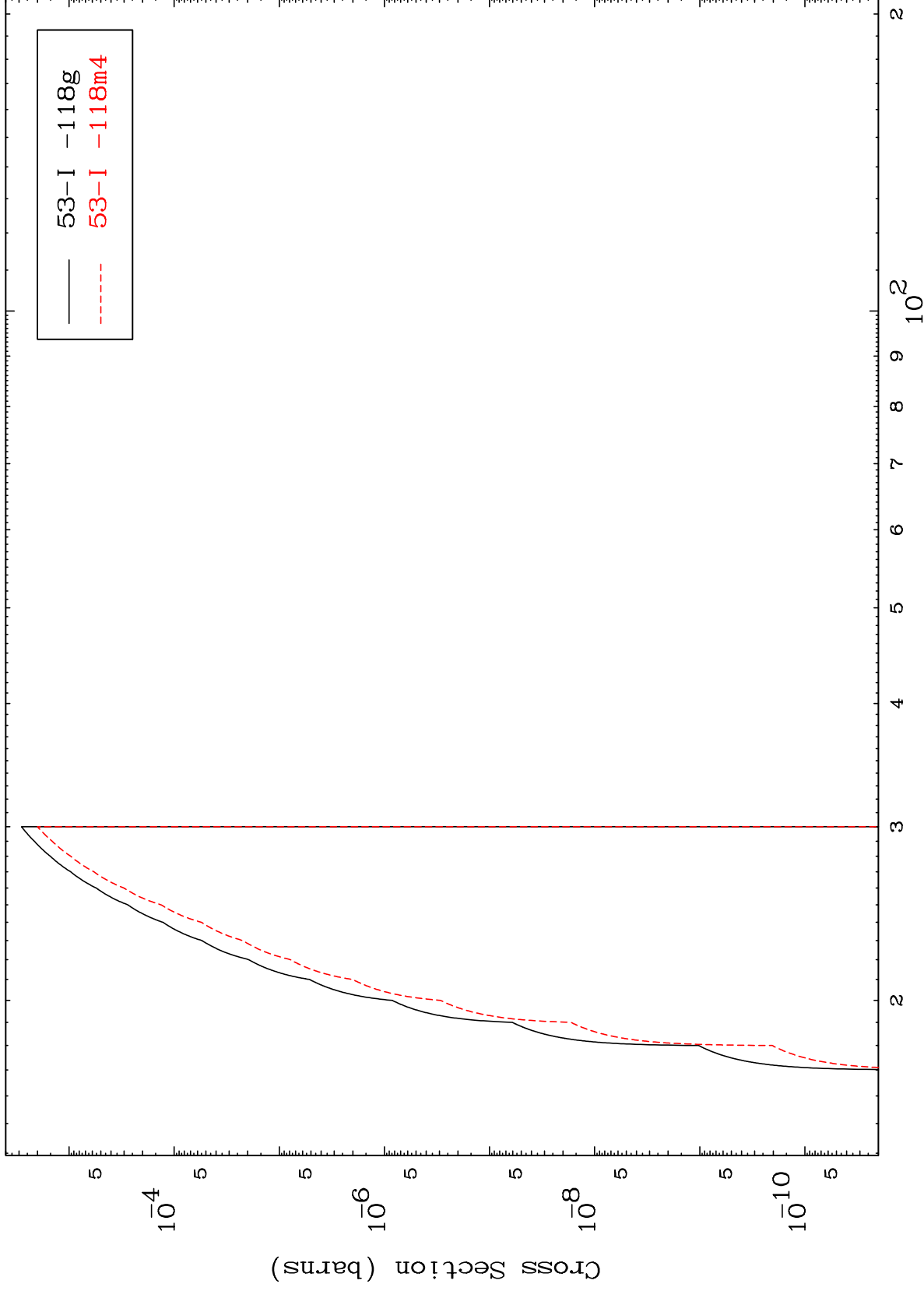
Incident Energy (MeV)

MAT 5413

(n,n') d

54-Xe-120

Radionuclide Production Cross Section



128

Incident Energy (MeV)

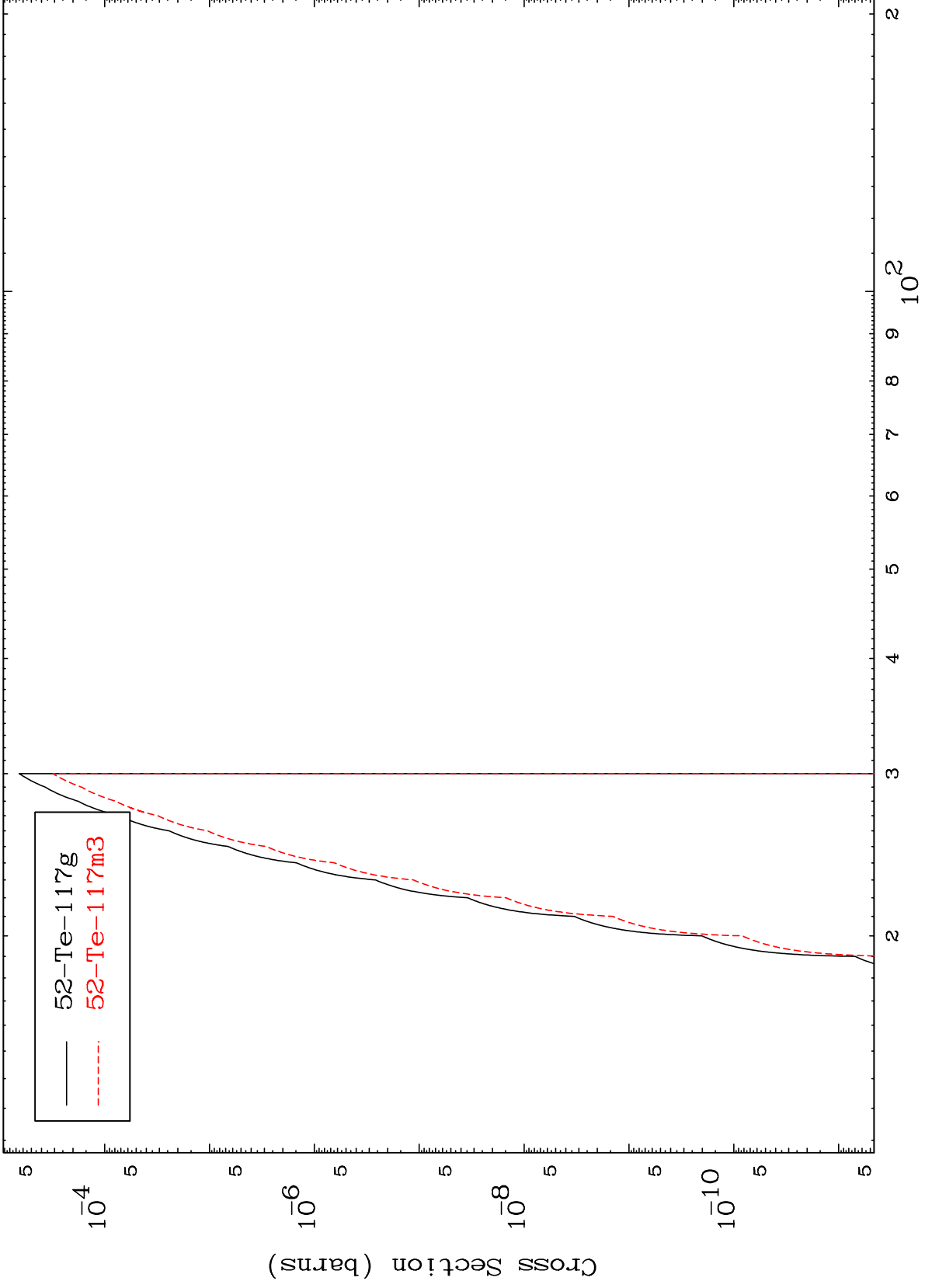
54-Xe-120

MAT 5413

(n,n') He-3

54-Xe-120

Radionuclide Production Cross Section



129

Incident Energy (MeV)

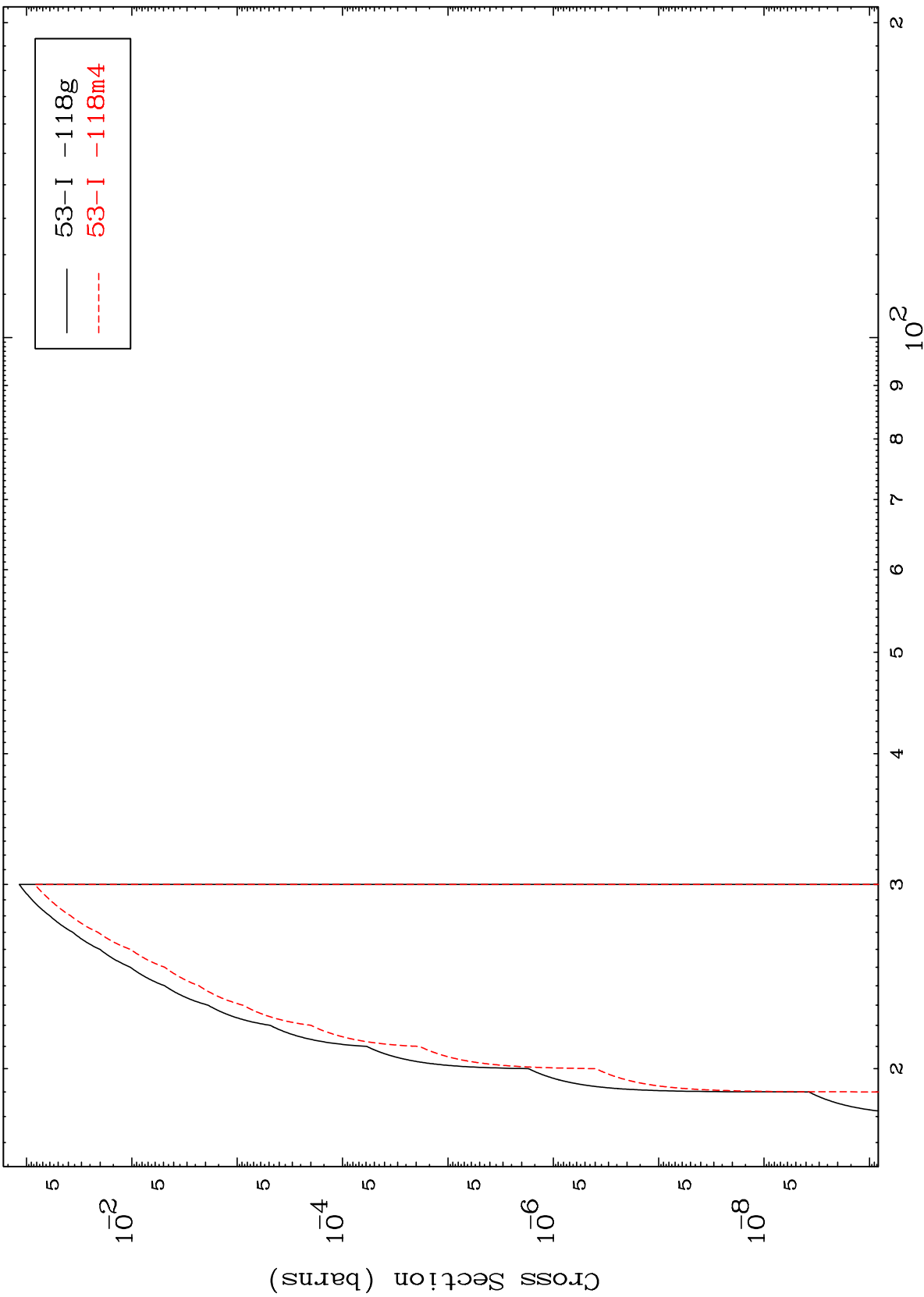
54-Xe-120

MAT 5413

(n,2n) p

54-Xe-120

Radionuclide Production Cross Section



130

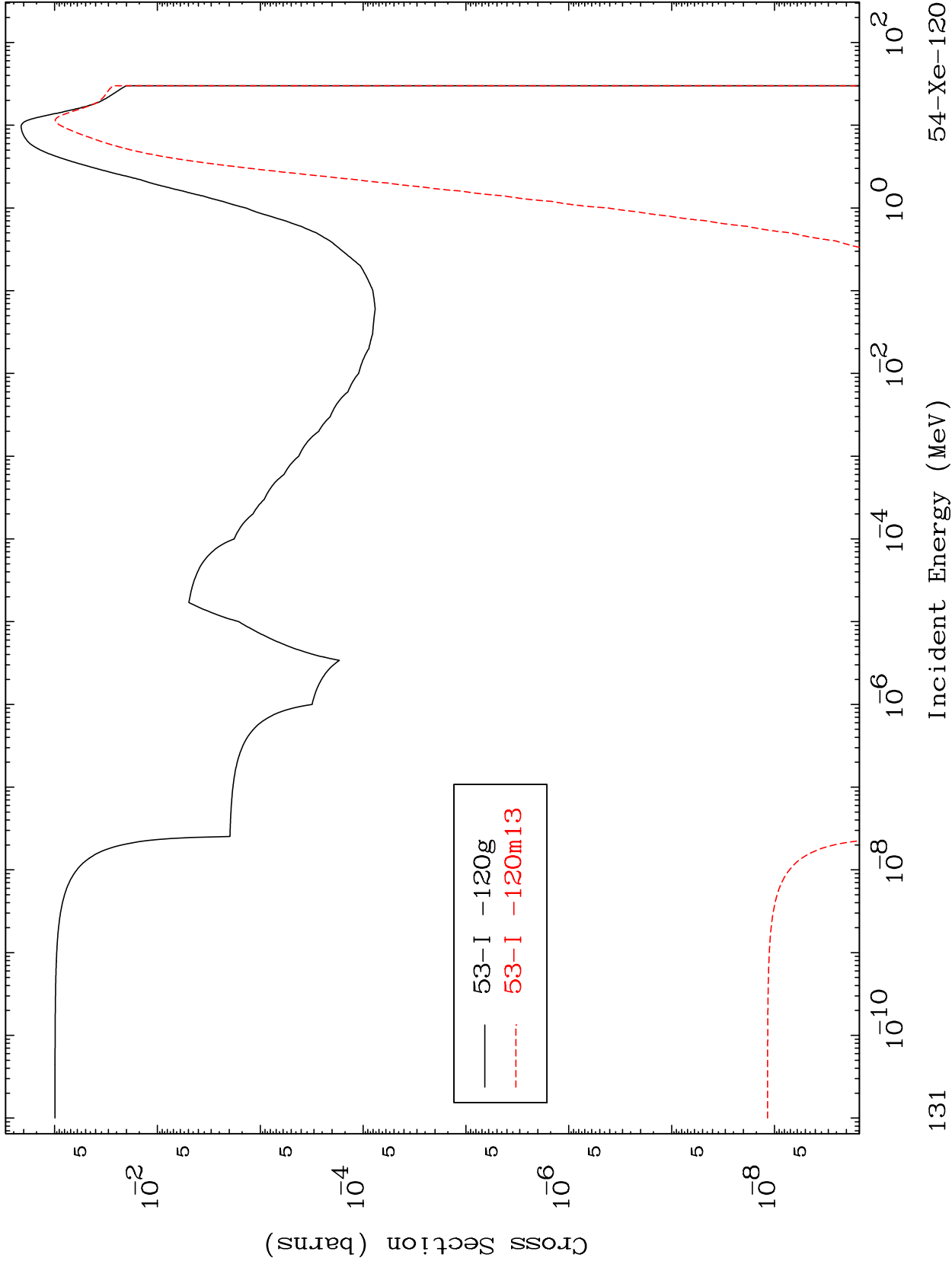
Incident Energy (MeV)

54-Xe-120

MAT 5413

54-Xe-120

(n,p)
Radionuclide Production Cross Section



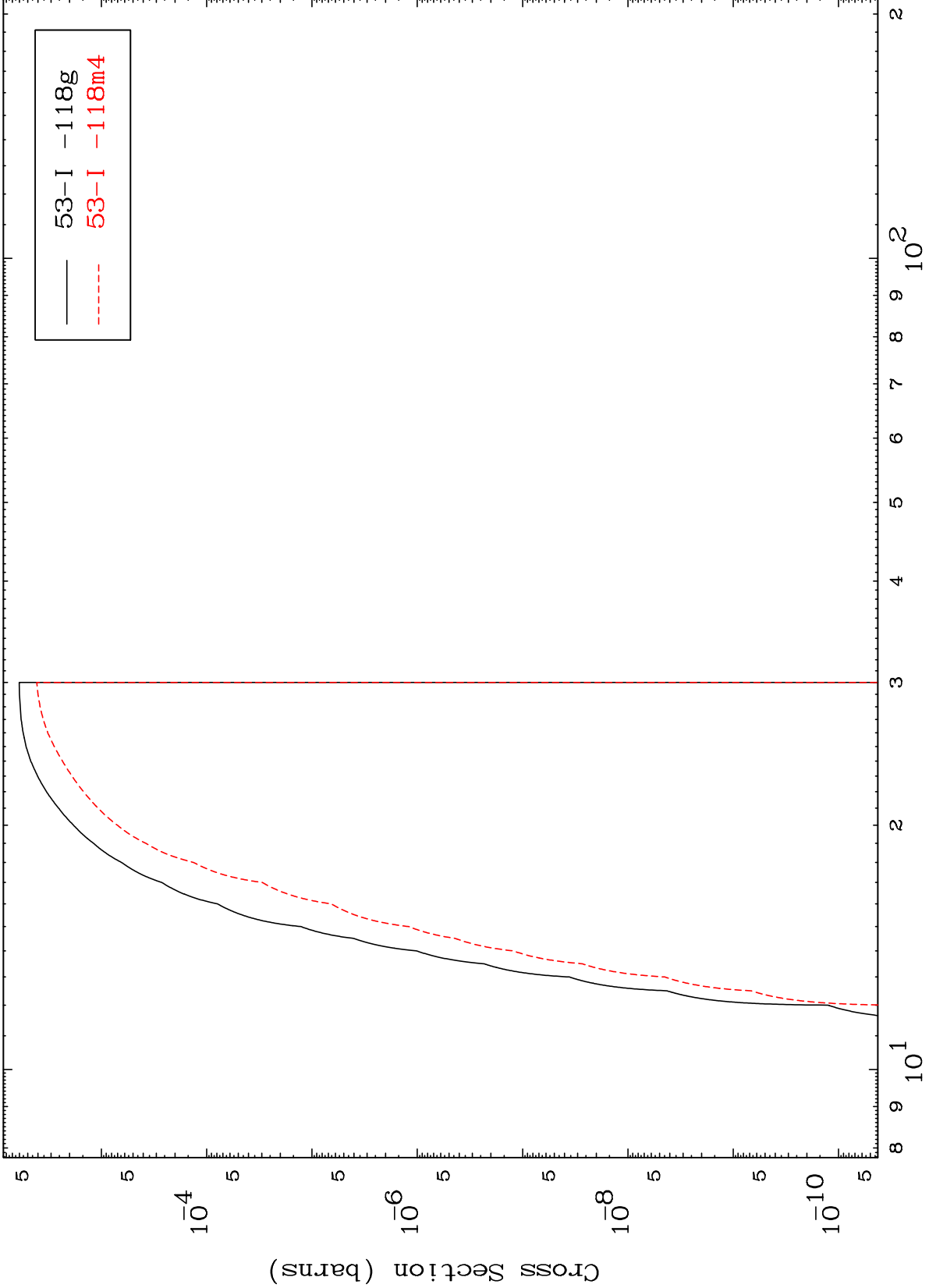
131

MAT 5413

(n, t)

54-Xe-120

Radionuclide Production Cross Section



132

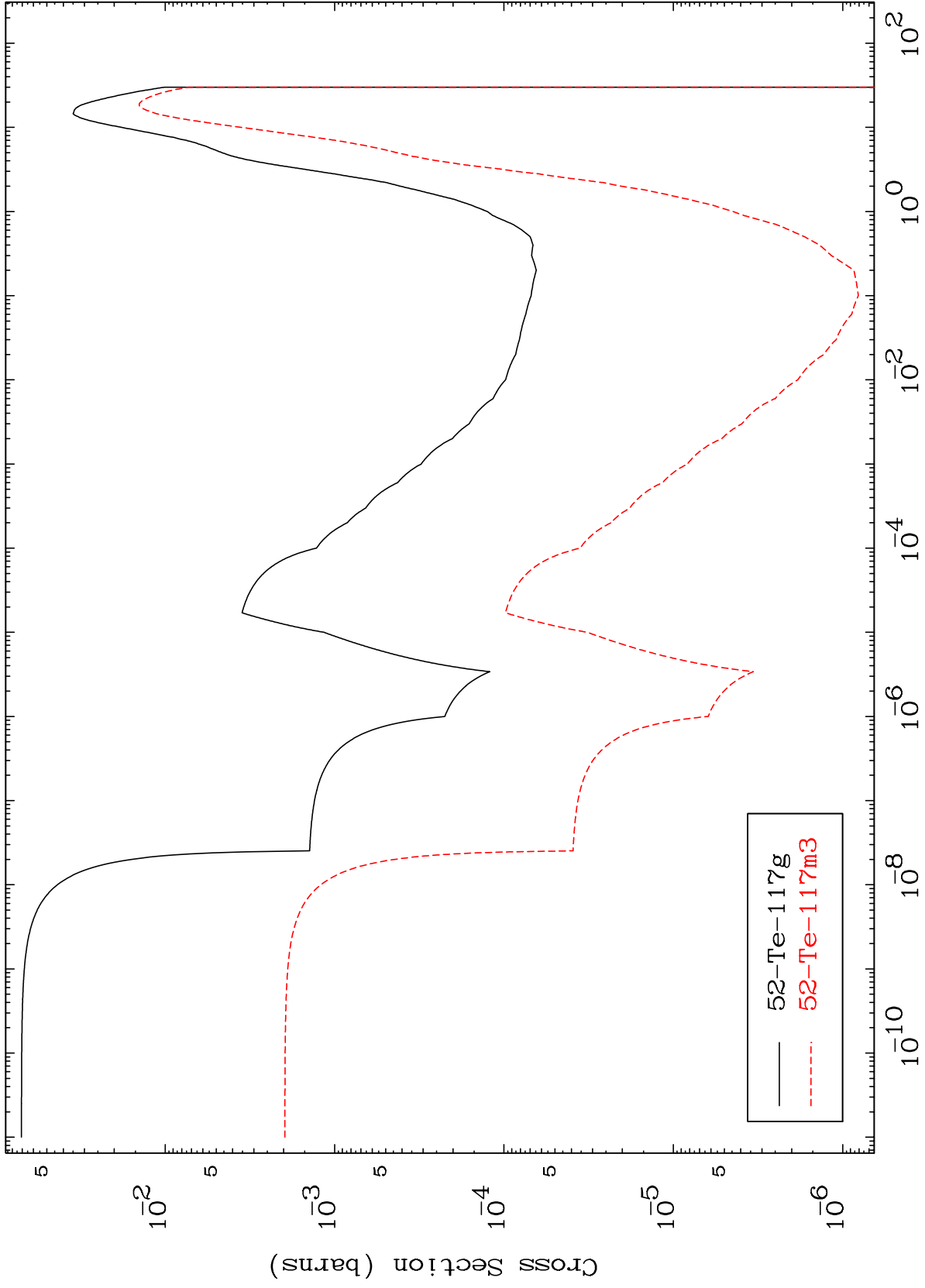
Incident Energy (MeV)

54-Xe-120

MAT 5413

54-Xe-120

Radionuclide Production Cross Section
(n, α)



133

54-Xe-120

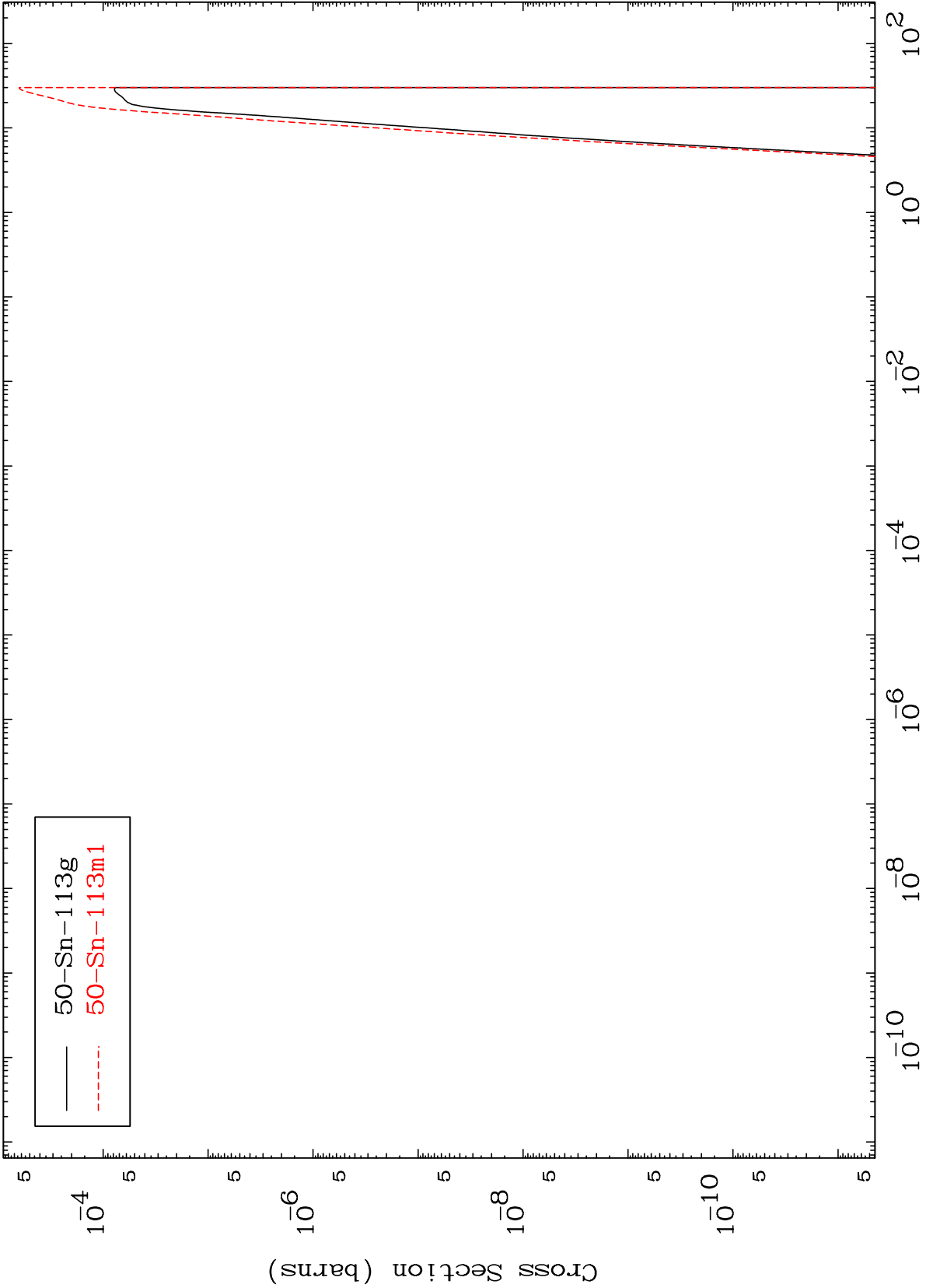
Incident Energy (MeV)

MAT 5413

(n,2α)

54-Xe-120

Radionuclide Production Cross Section



50-Sn-113g
50-Sn-113m1

Incident Energy (MeV)

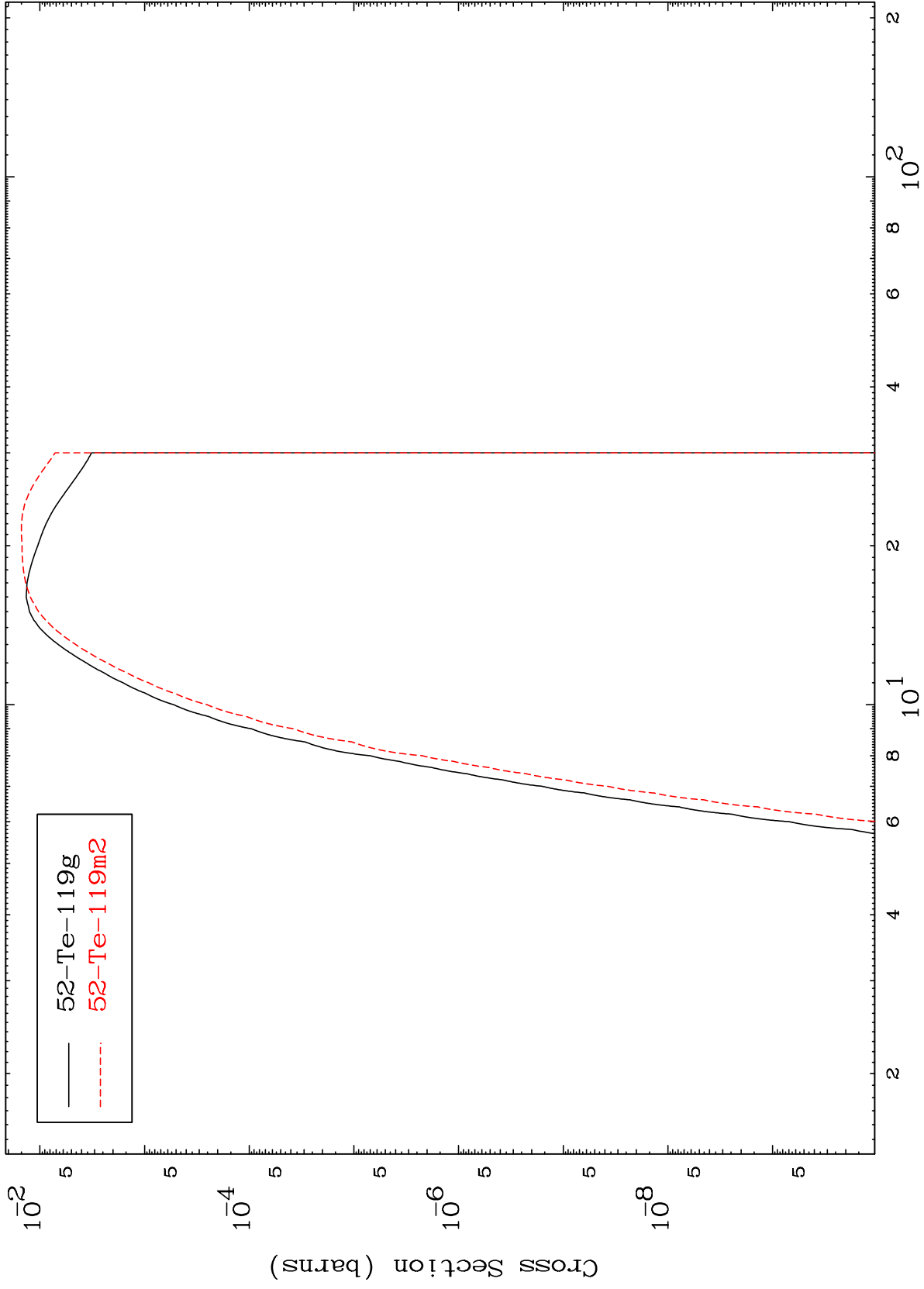
54-Xe-120

134

MAT 5413

54-Xe-120

(n,2p)
Radionuclide Production Cross Section



135

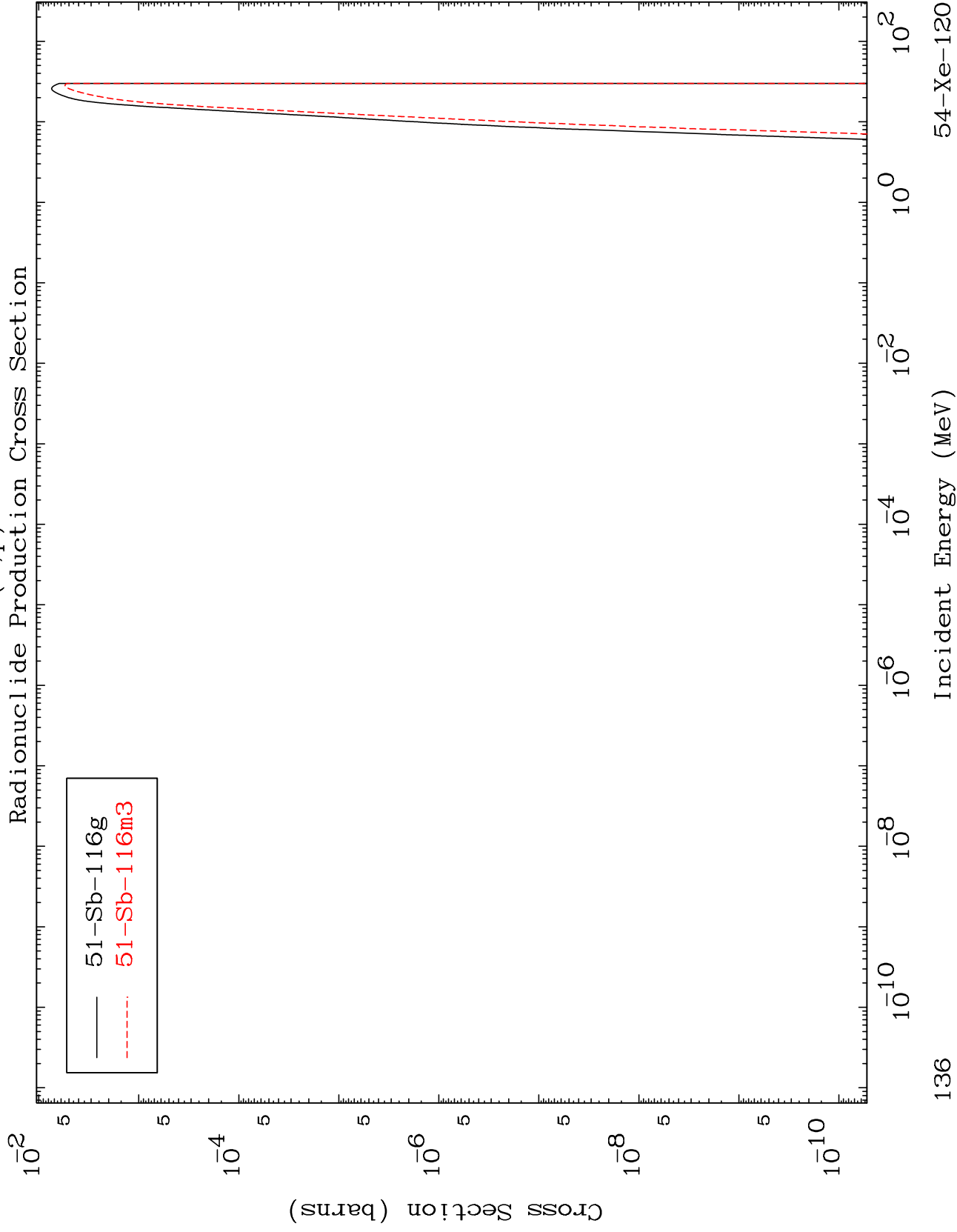
Incident Energy (MeV)

54-Xe-120

MAT 5413

(n,p) α

54-Xe-120



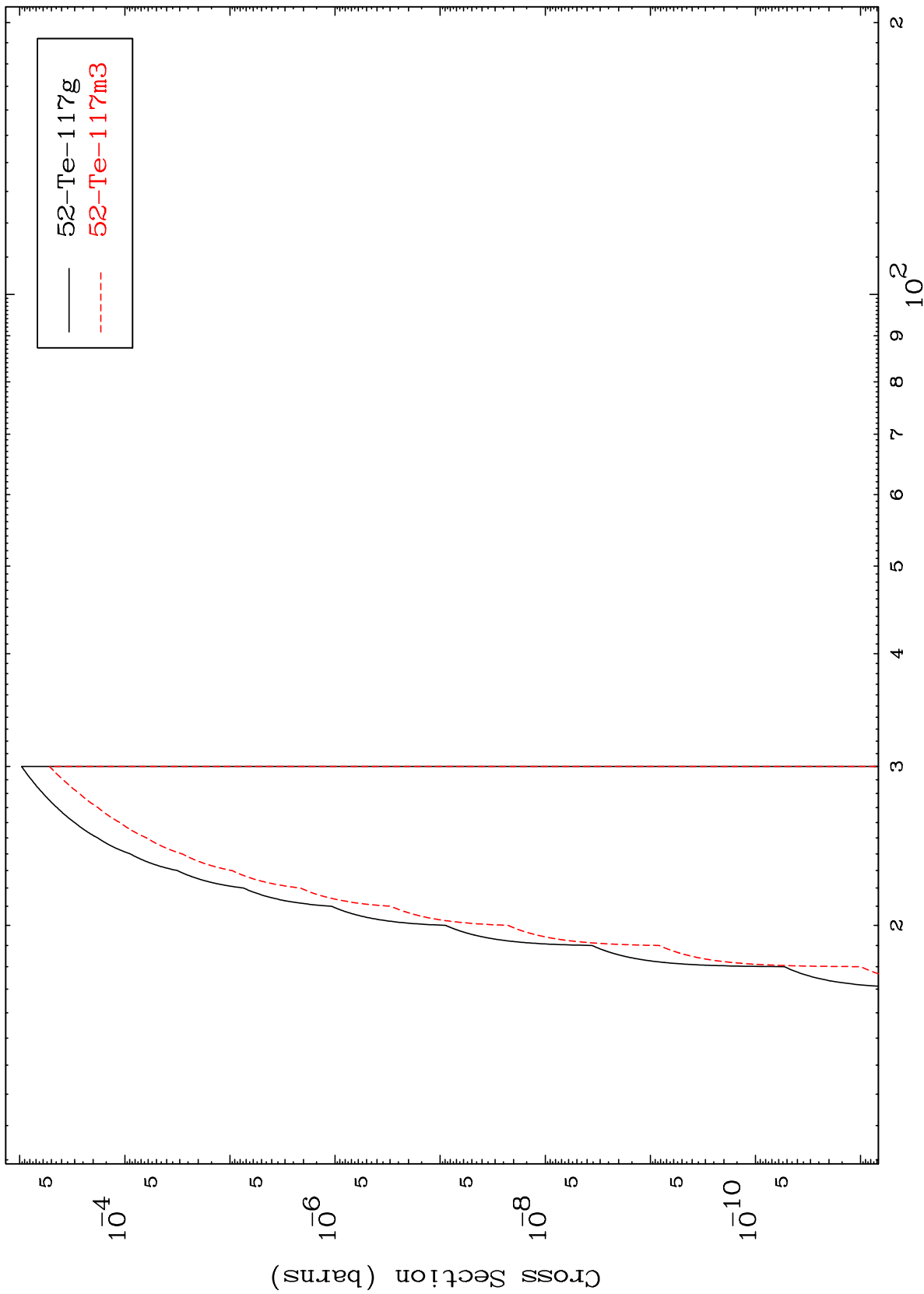
136

MAT 5413

(n,p) t

54-Xe-120

Radionuclide Production Cross Section



137

Incident Energy (MeV)

54-Xe-120