

Program EVALPLOT
(Version 2021-1)

by

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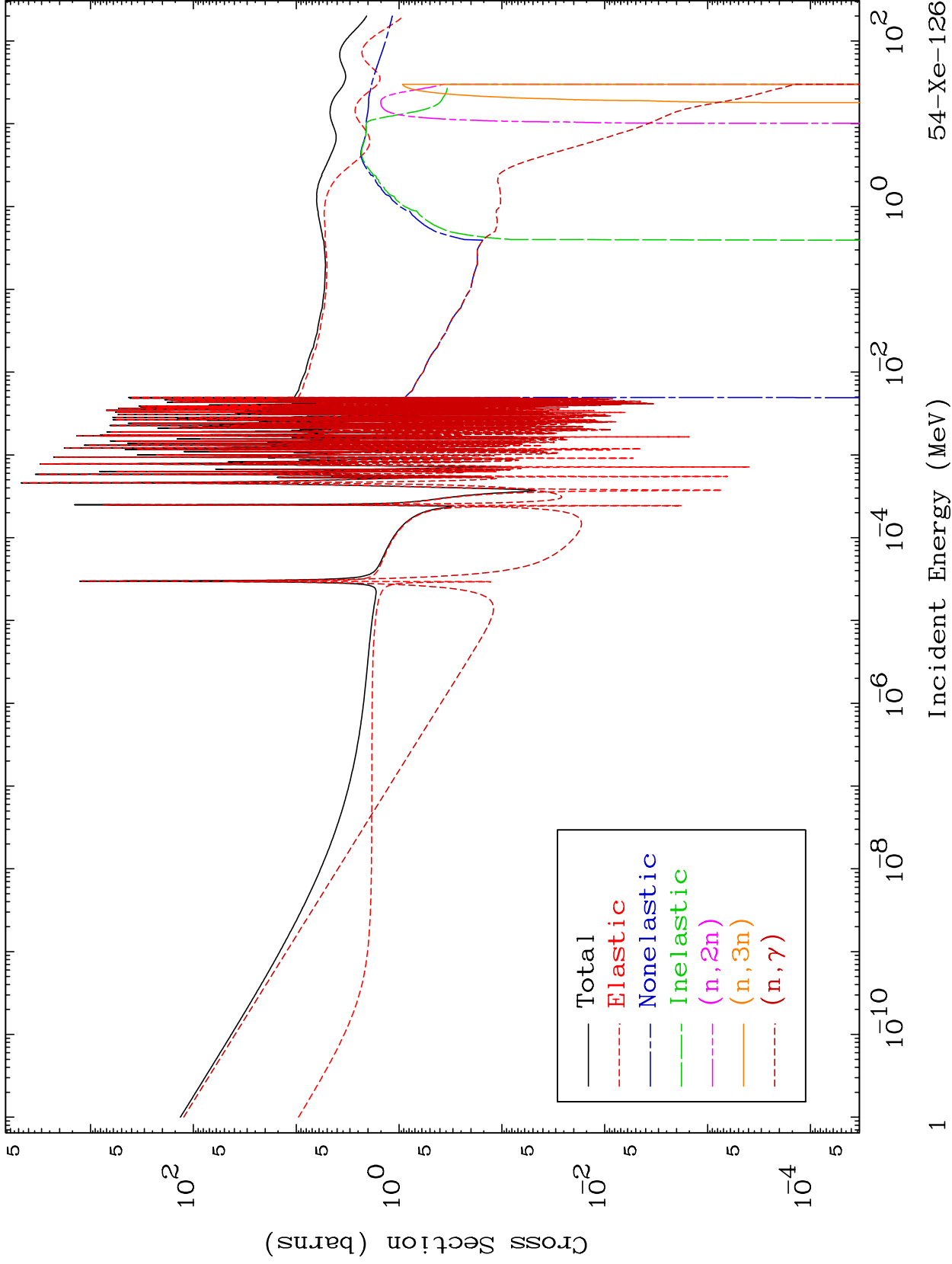
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Press Mouse Button to Start

MAT 5431

Neutron Major
293 Kelvin Cross Sections

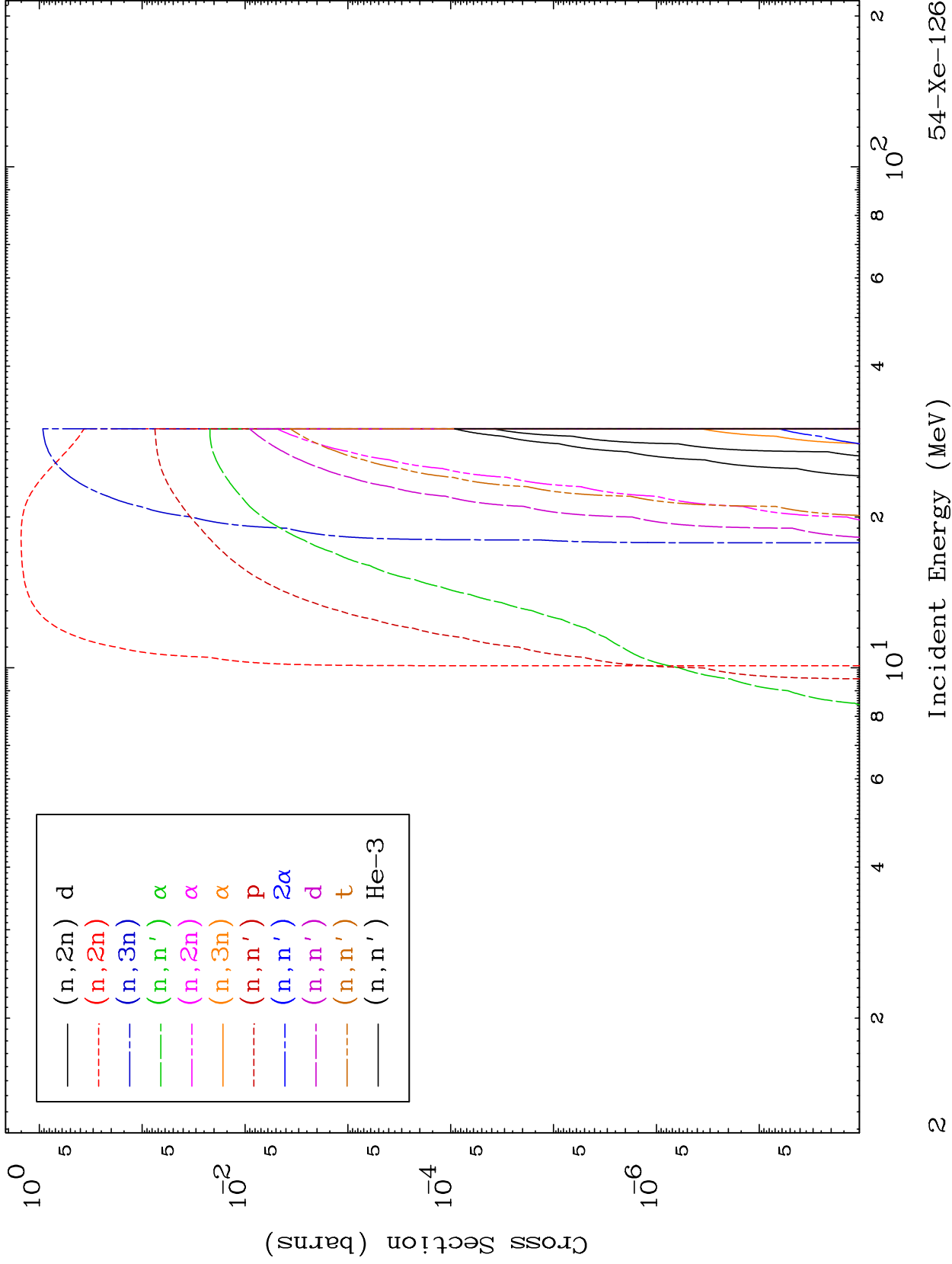
54-Xe-126



MAT 5431

Neutron Absorption
293 Kelvin Cross Sections

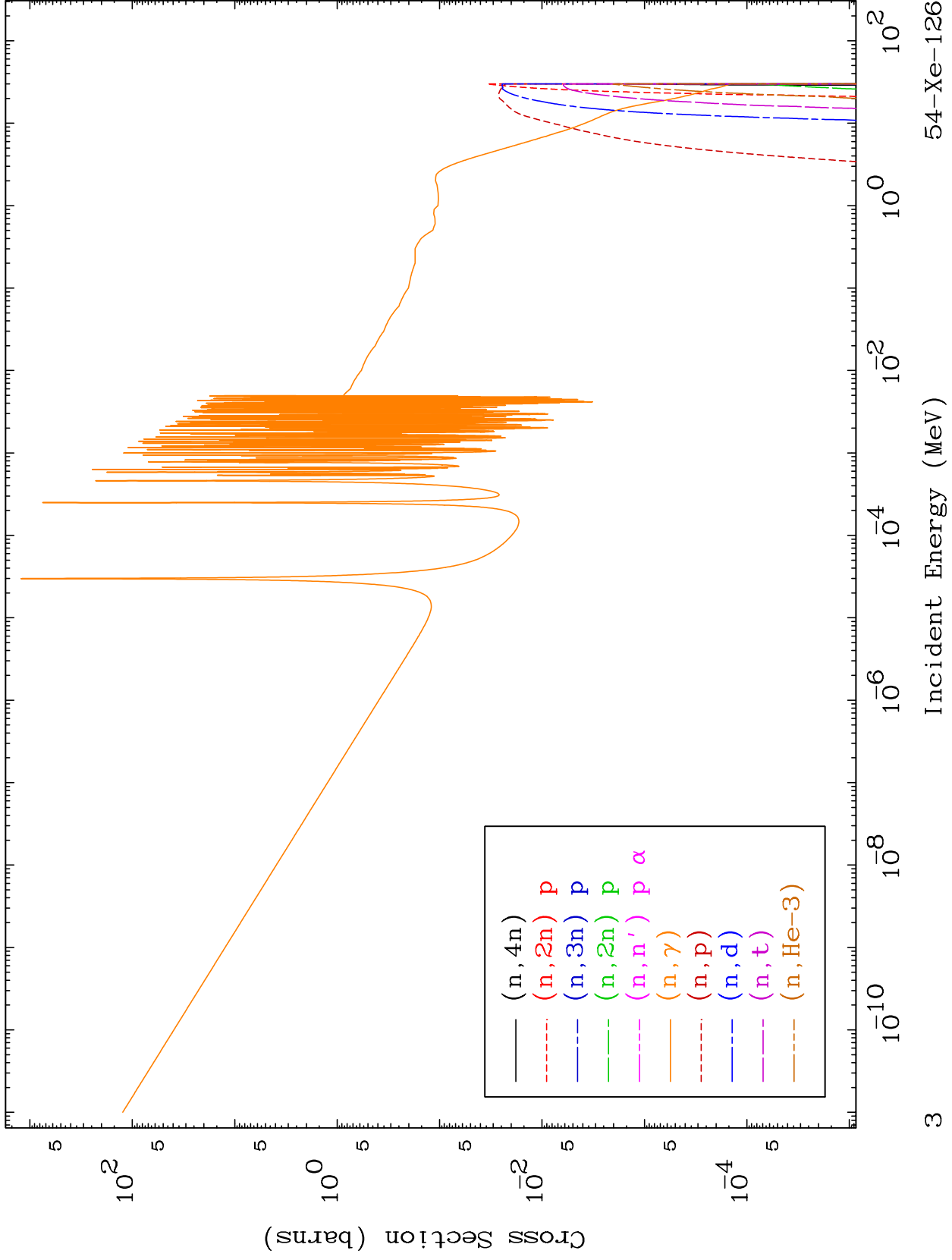
54-Xe-126



MAT 5431

Neutron Absorption
293 Kelvin Cross Sections

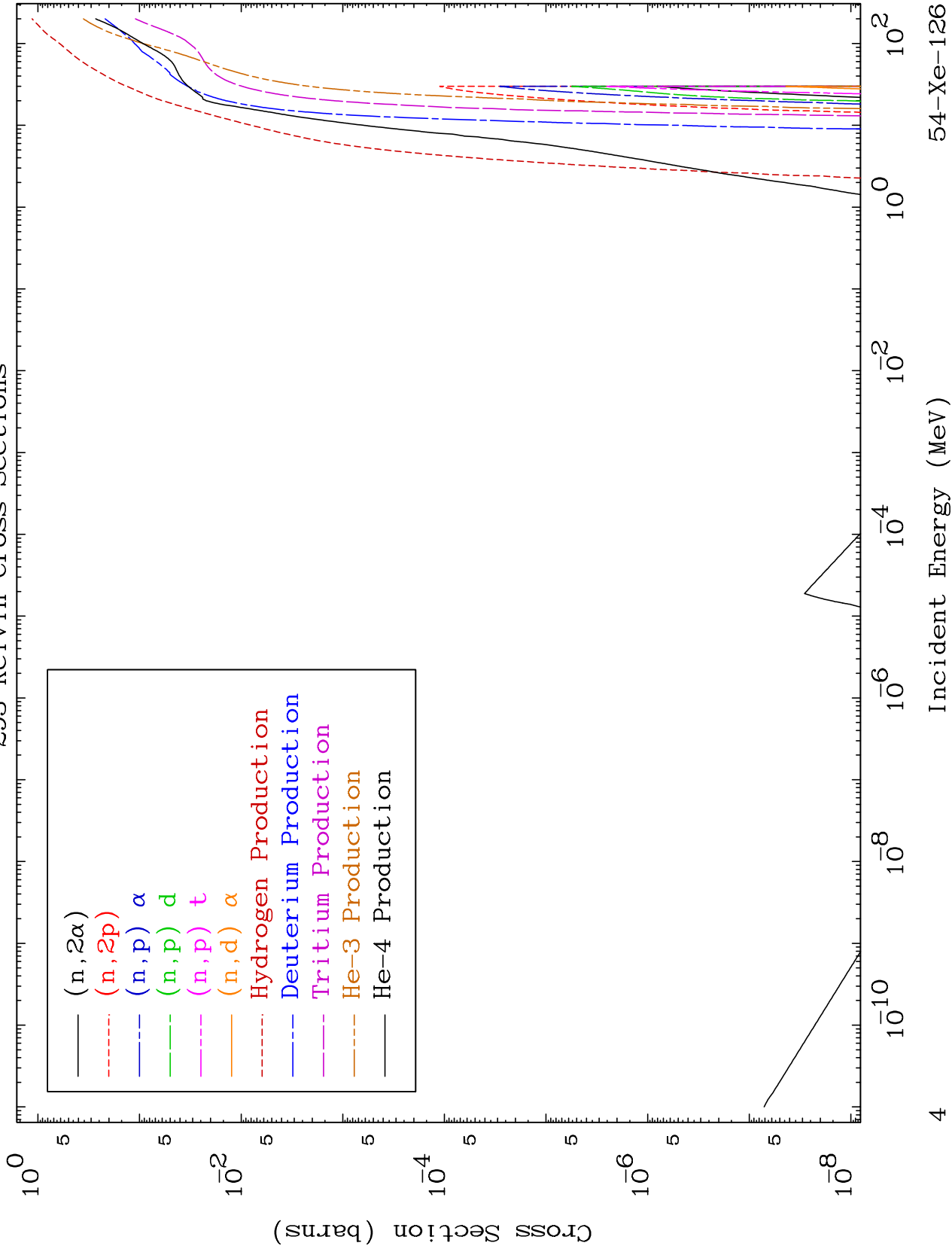
54-Xe-126

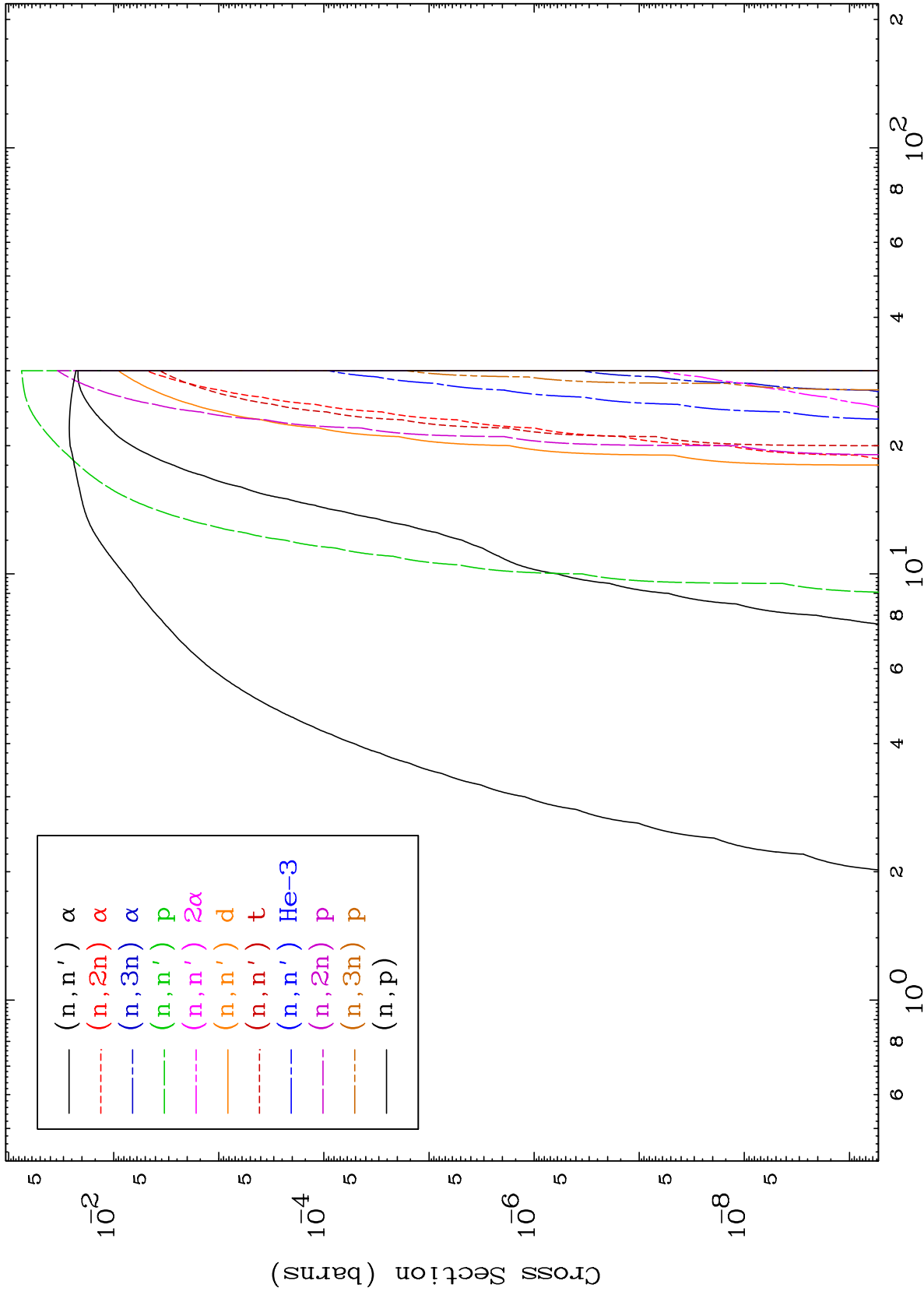


MAT 5431

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-126

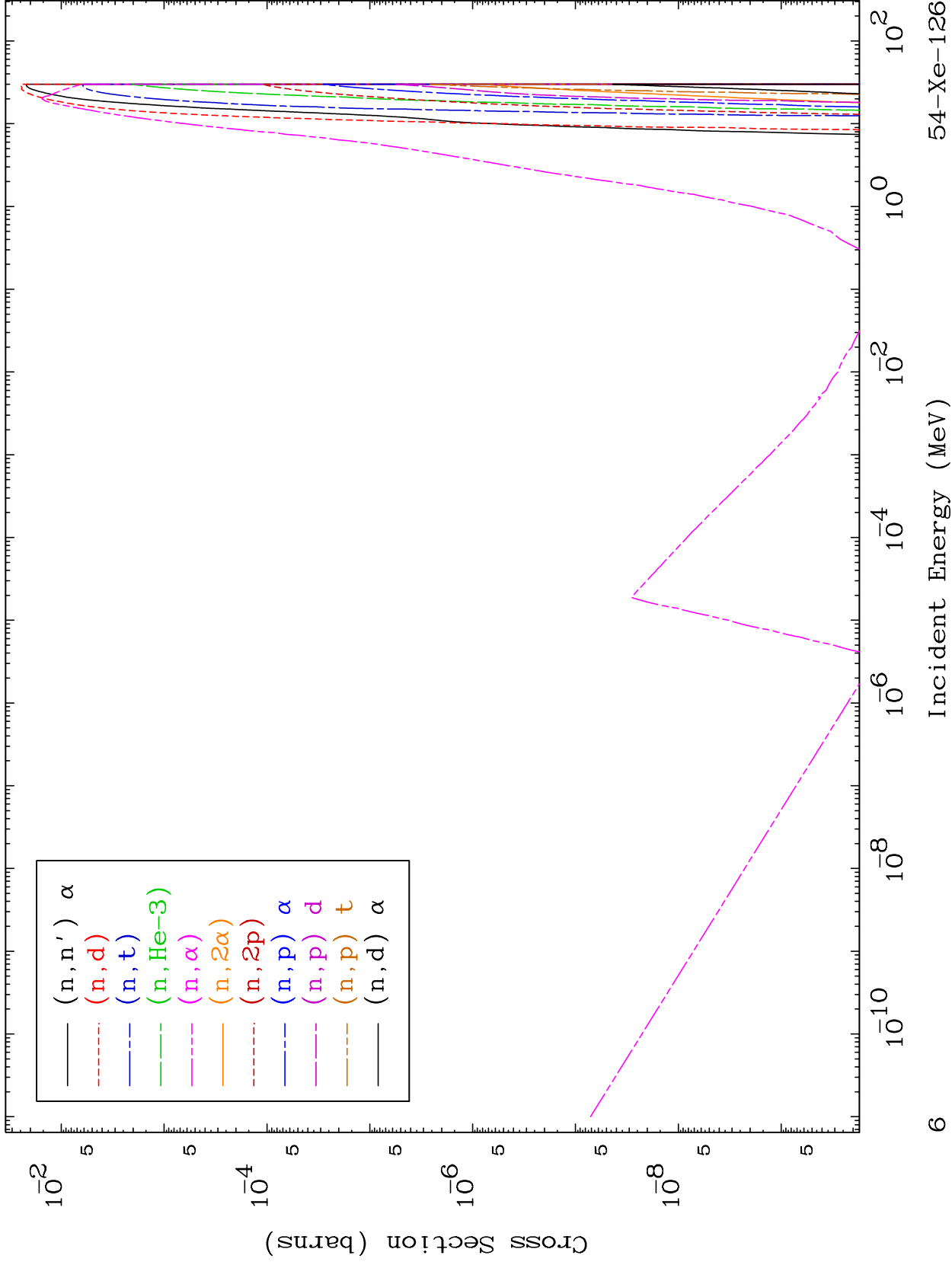




MAT 5431

Charged Particle
293 Kelvin Cross Sections

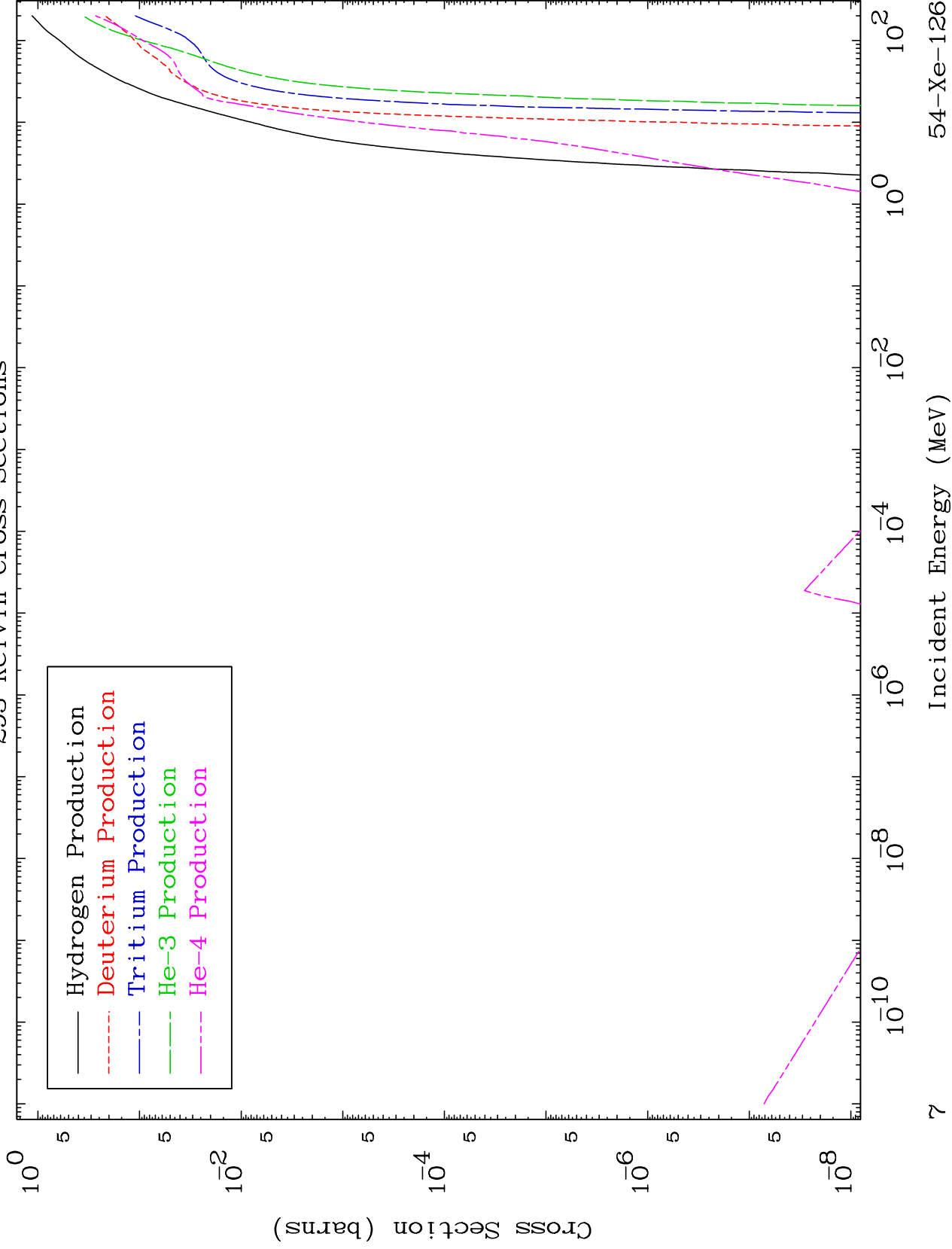
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MAT 5431

Particle Production
293 Kelvin Cross Sections

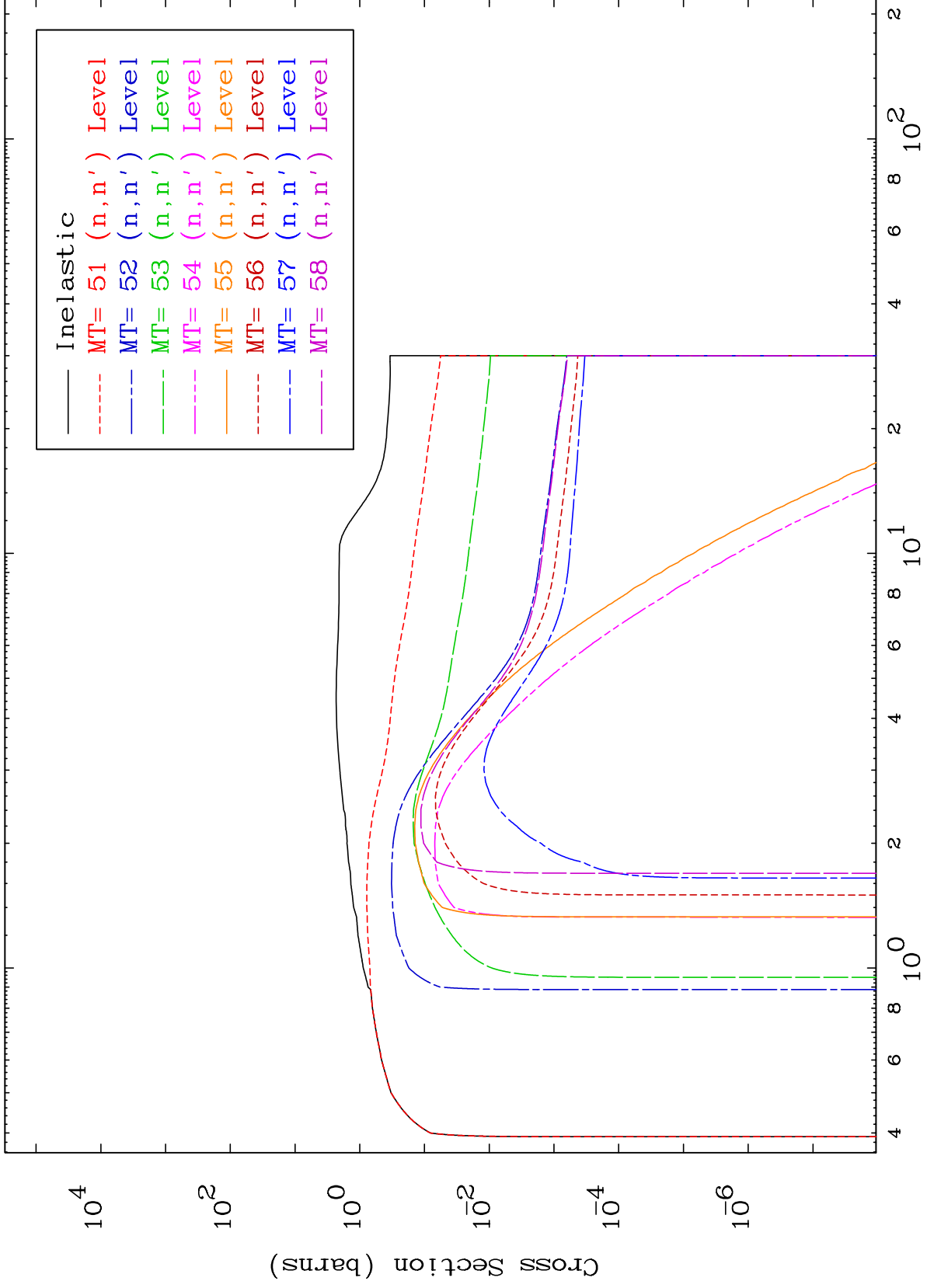
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MAT 5431

(n,n') Levels
293 Kelvin Cross Sections

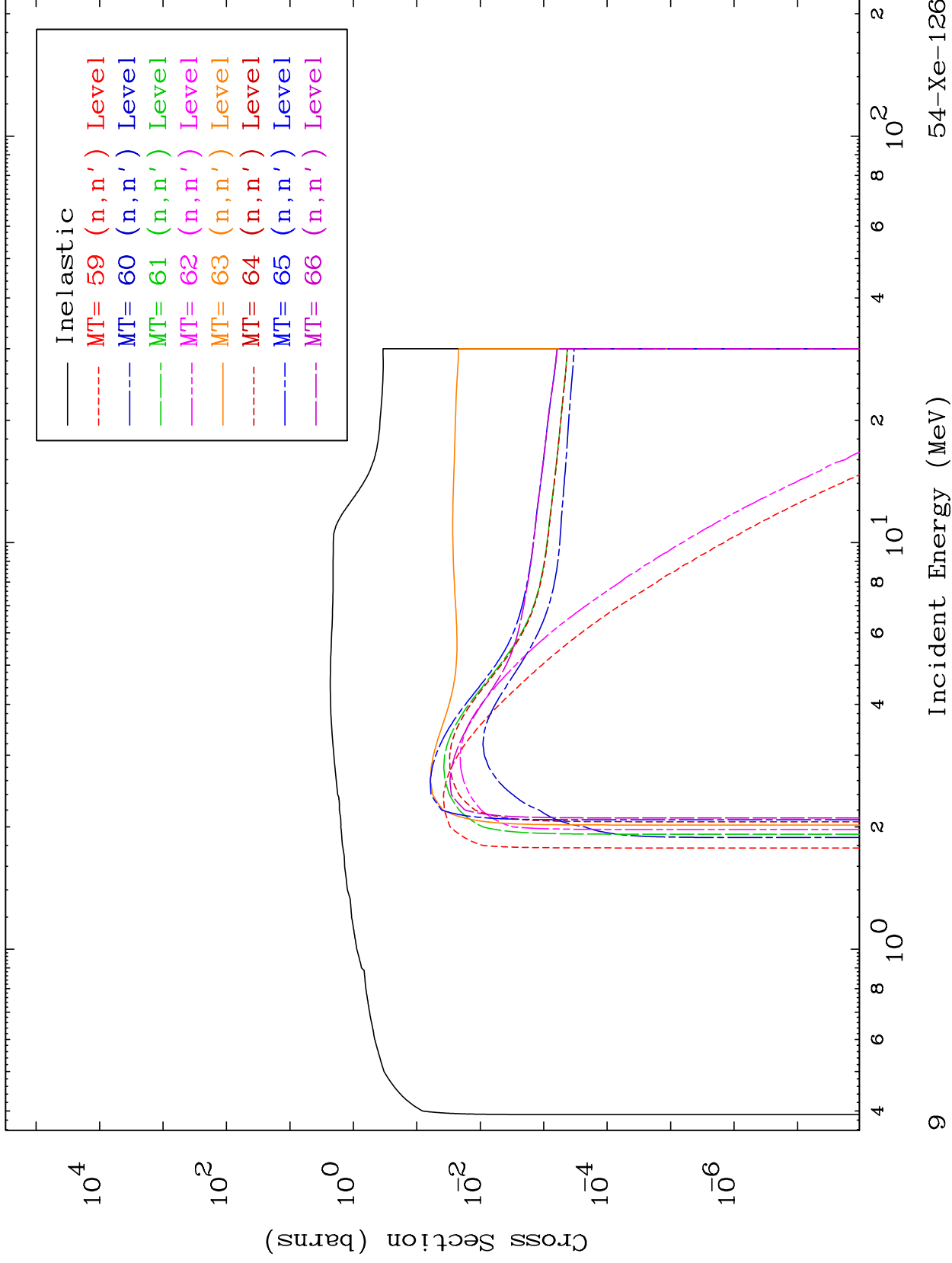
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8

Incident Energy (MeV)

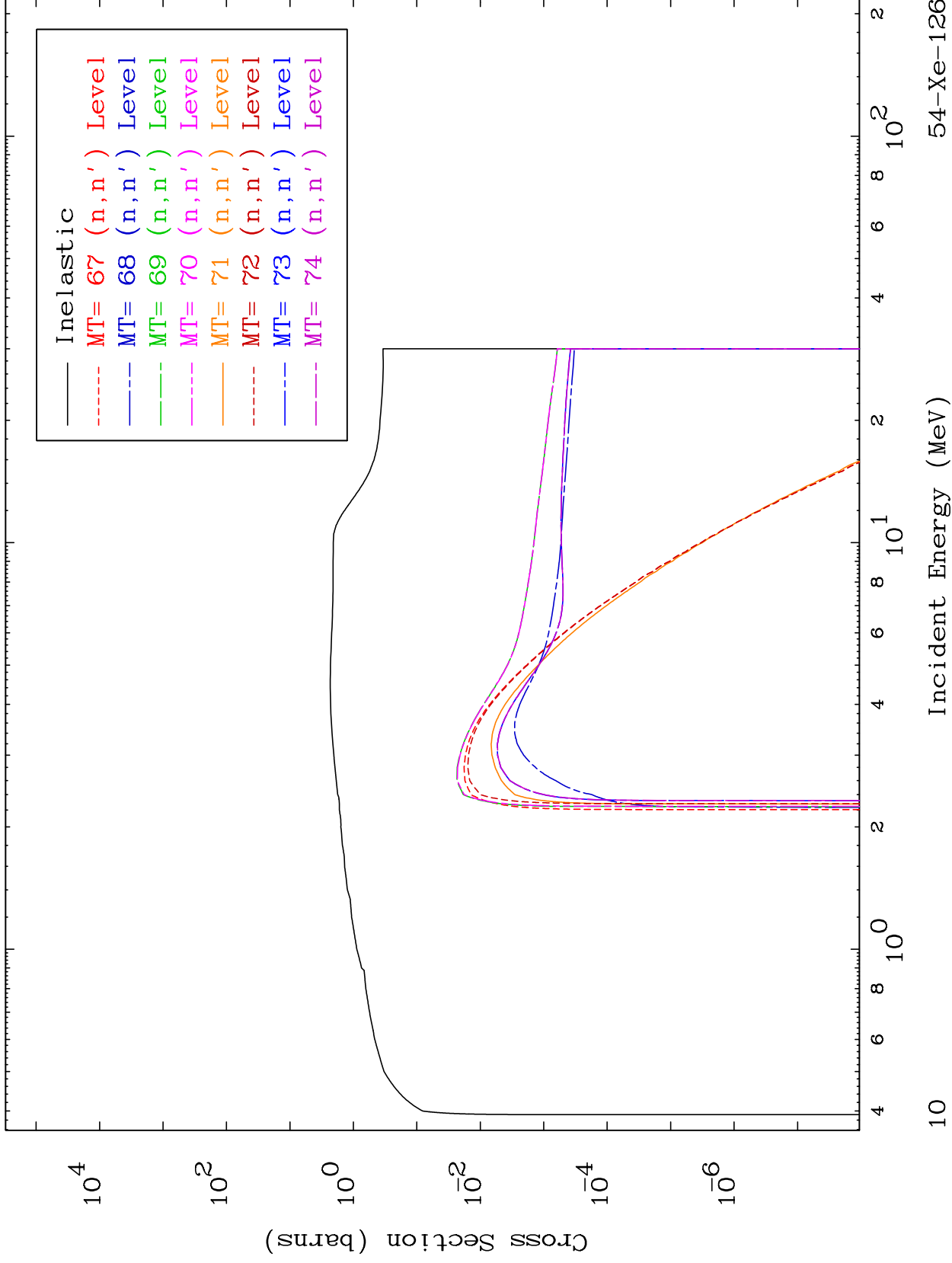
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MAT 5431

(n,n') Levels
293 Kelvin Cross Sections

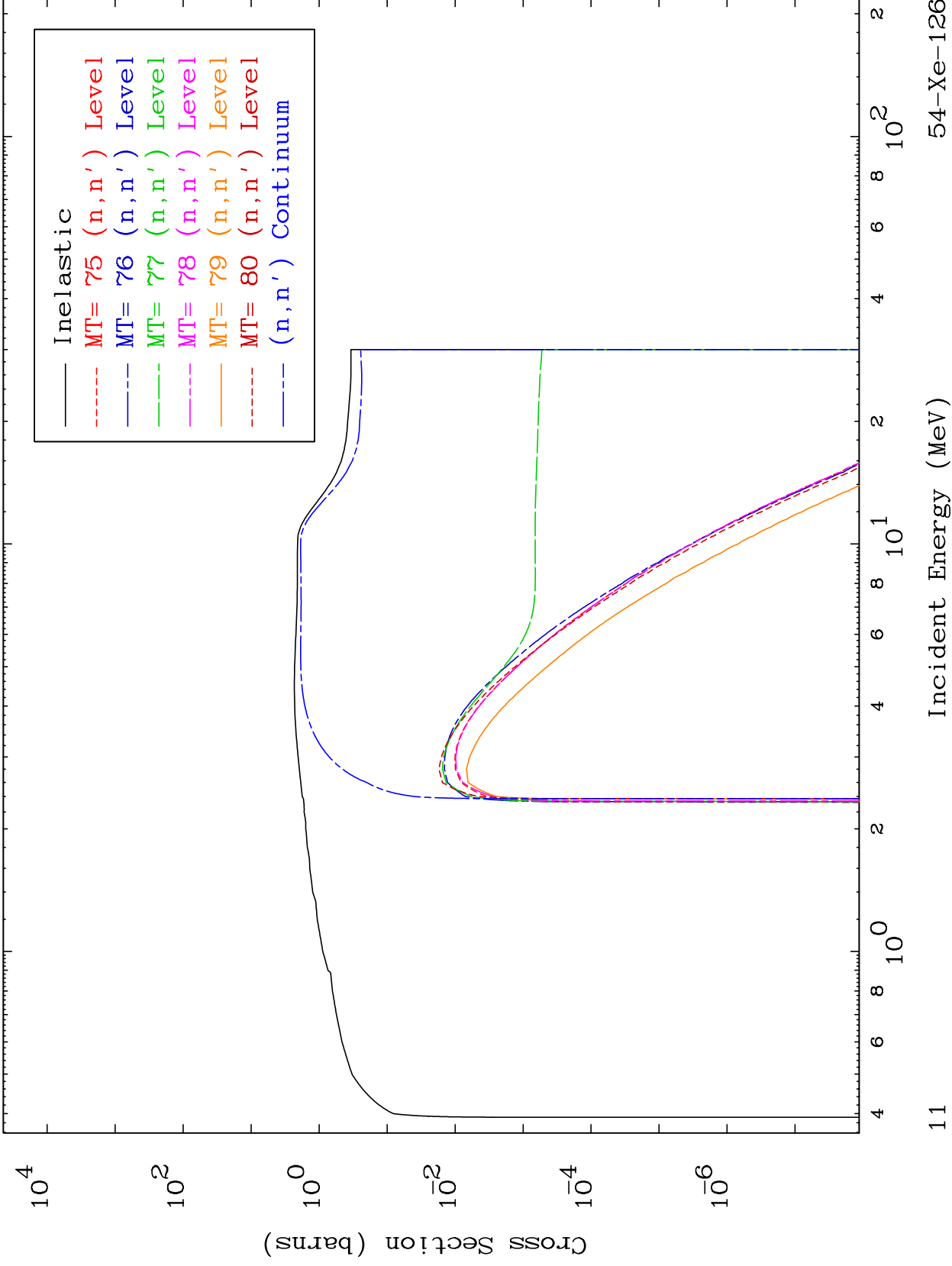
54-Xe-126



54-Xe-126

Incident Energy (MeV)

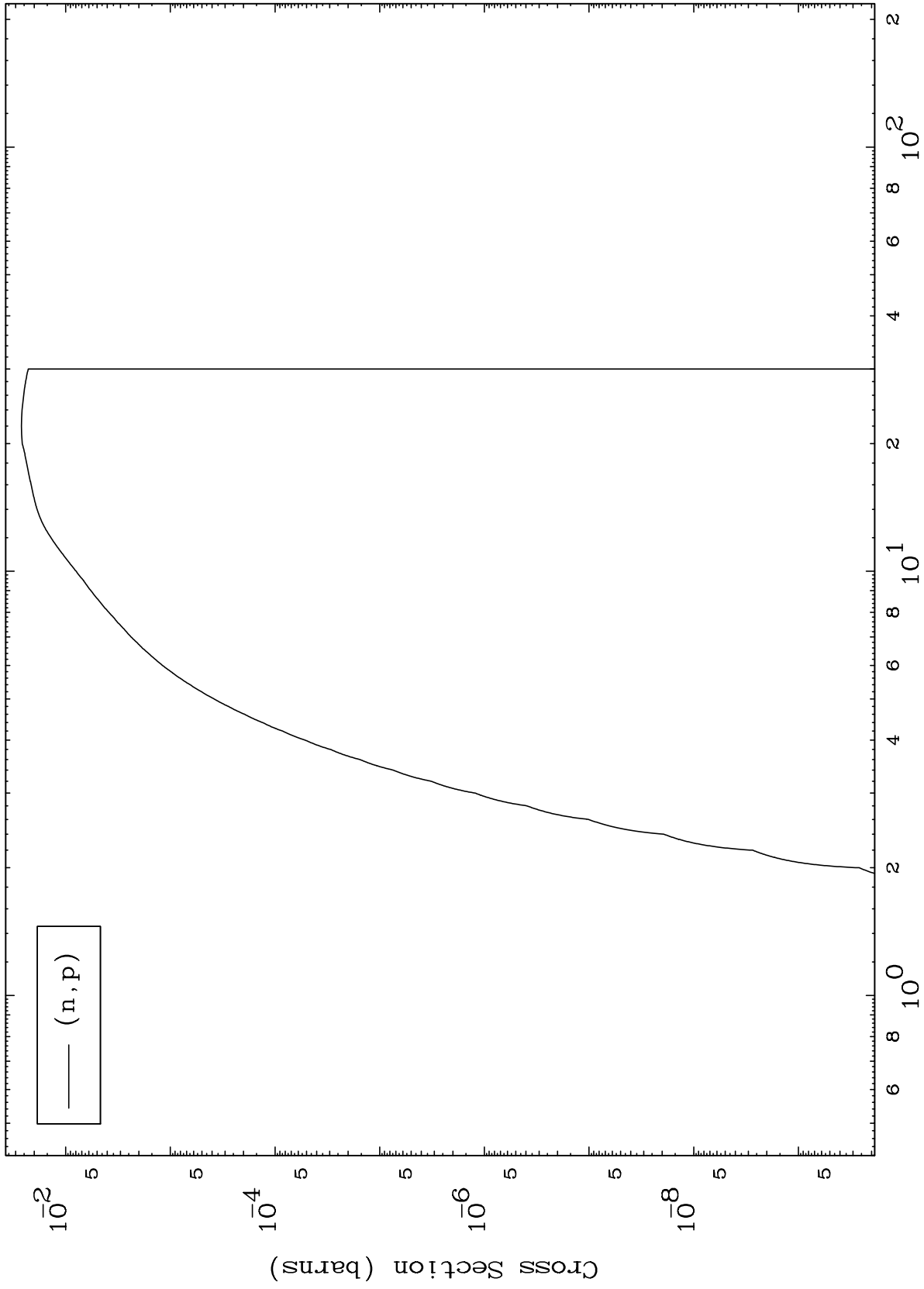
10



MAT 5431

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-126



12

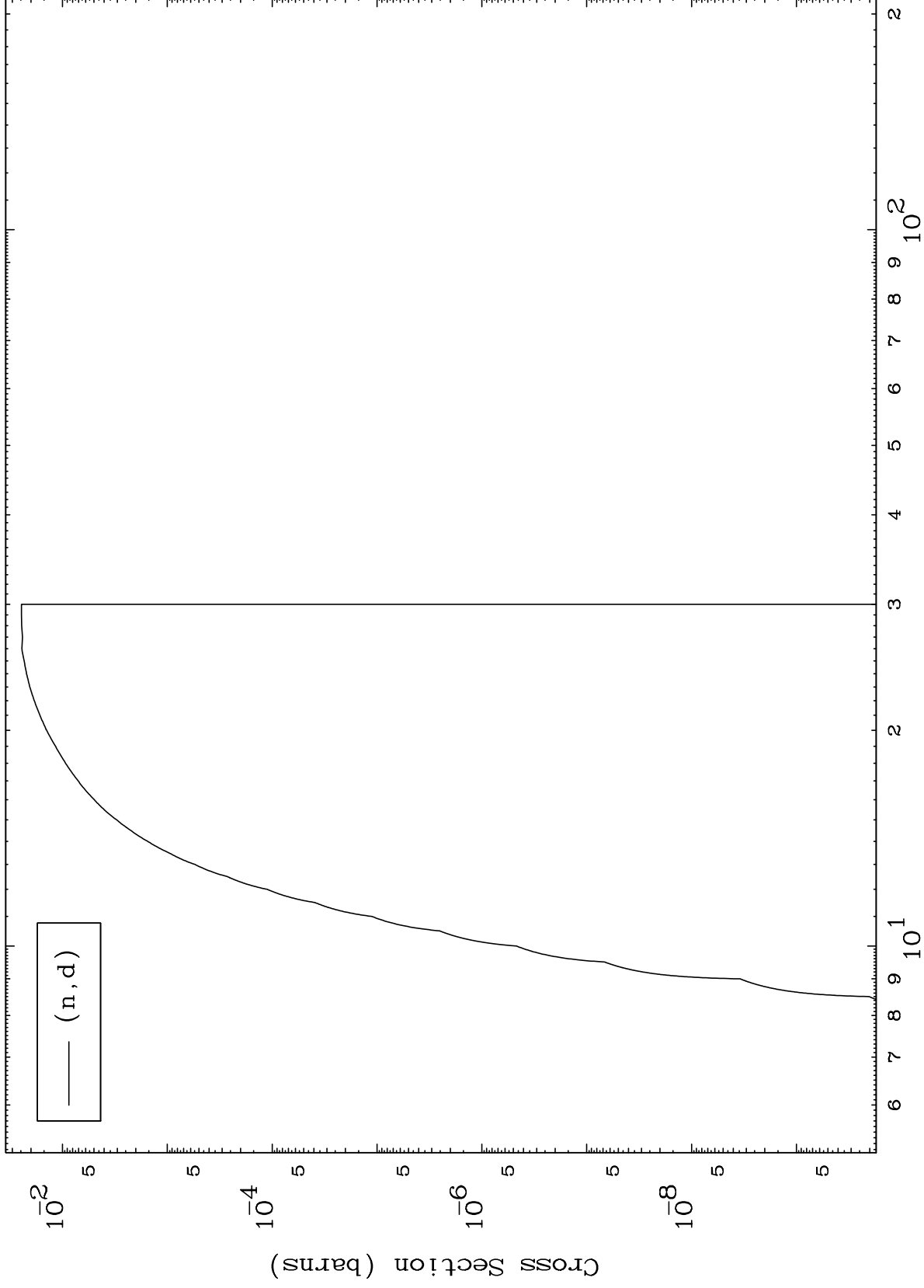
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-126



13

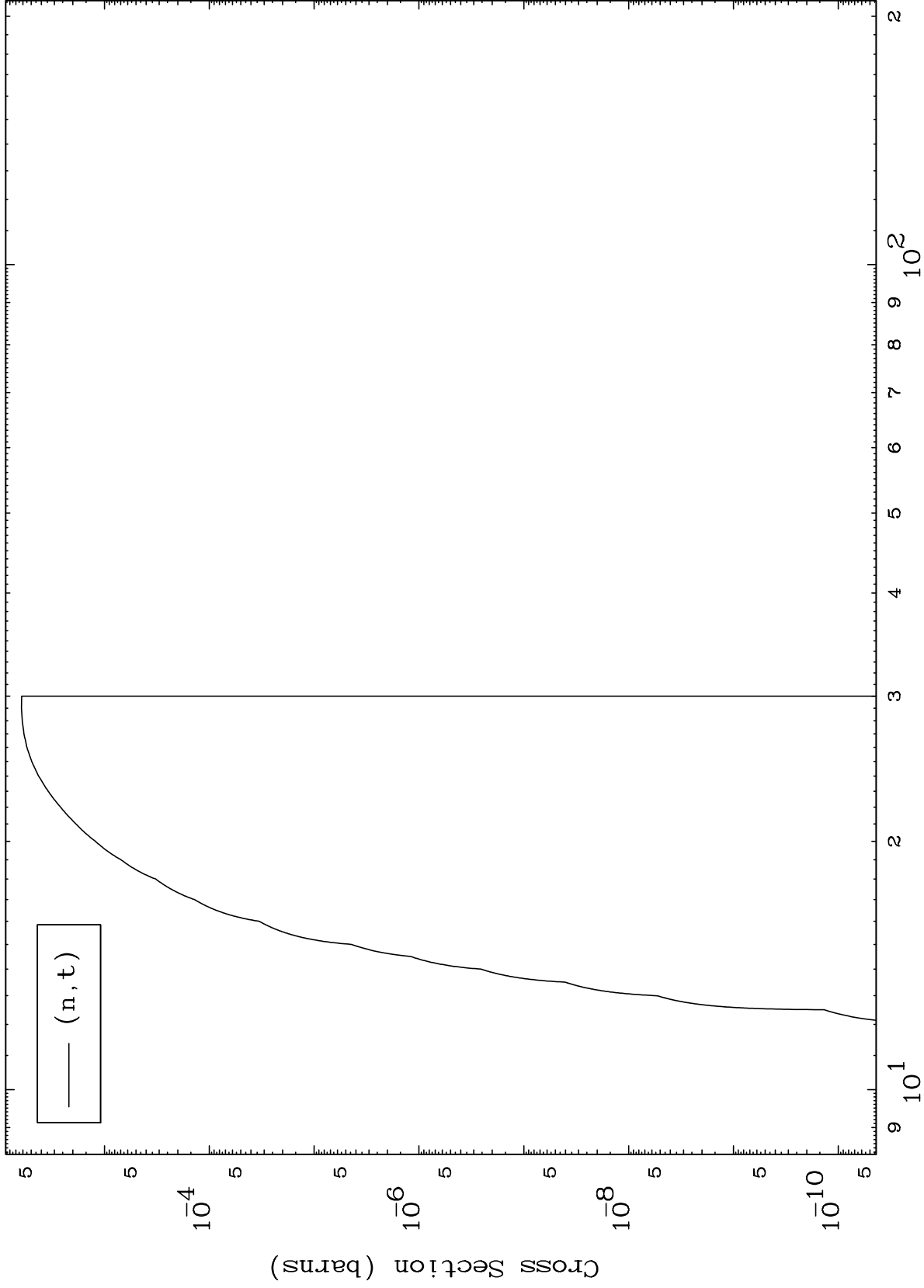
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,t) Levels
293 Kelvin Cross Sections

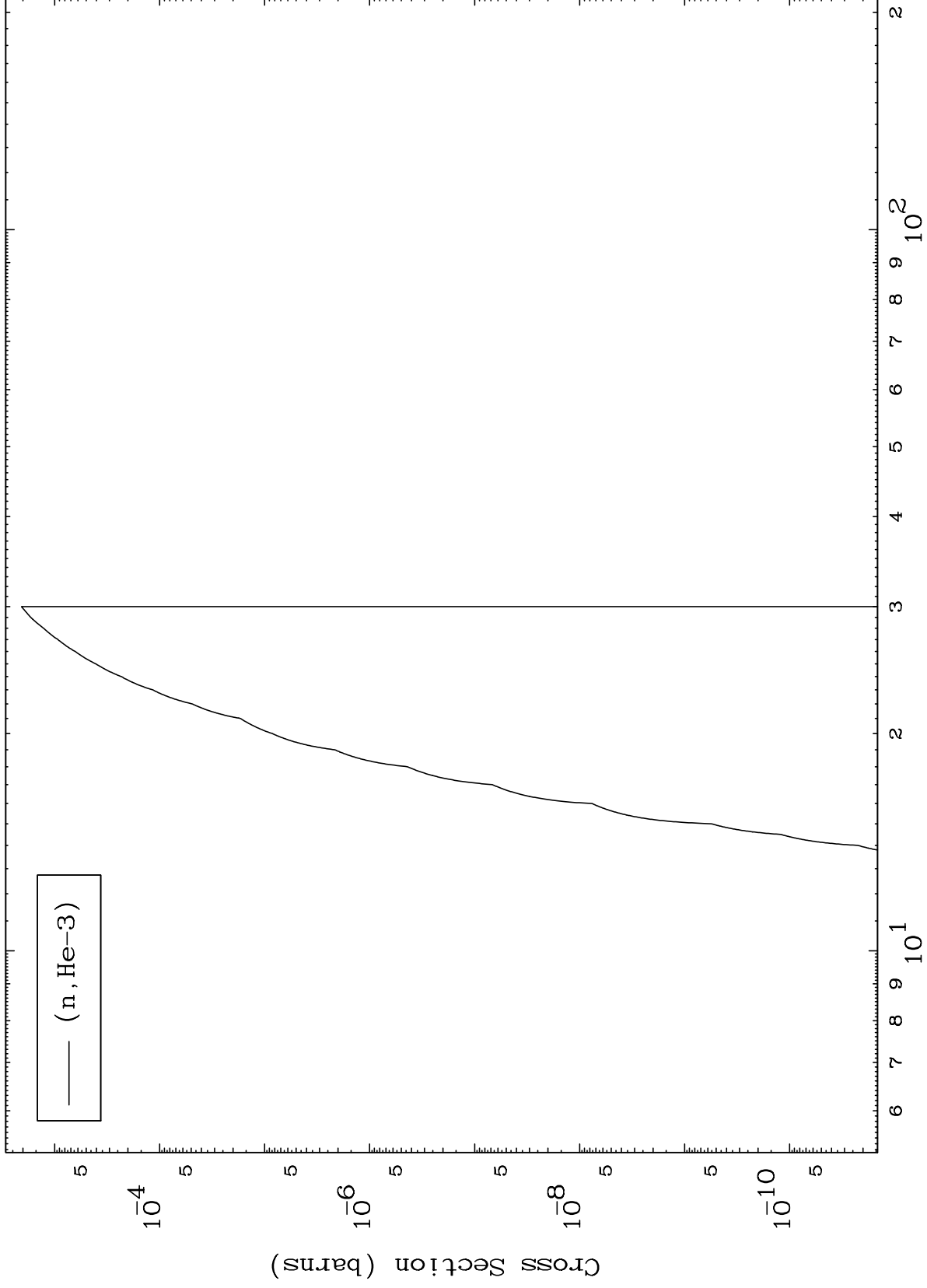
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14

Incident Energy (MeV)

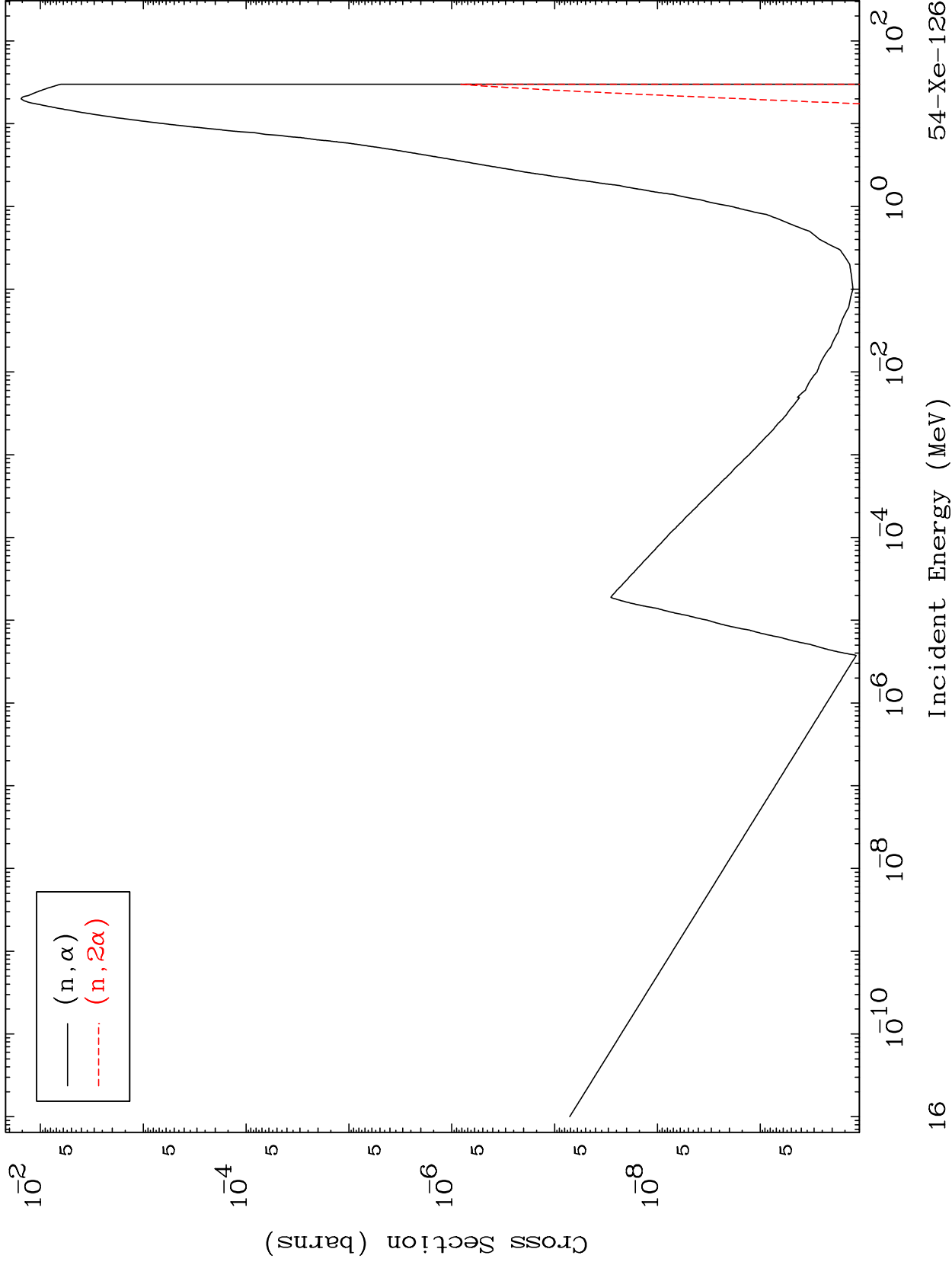
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MAT 5431

(n, α) Levels
293 Kelvin Cross Sections

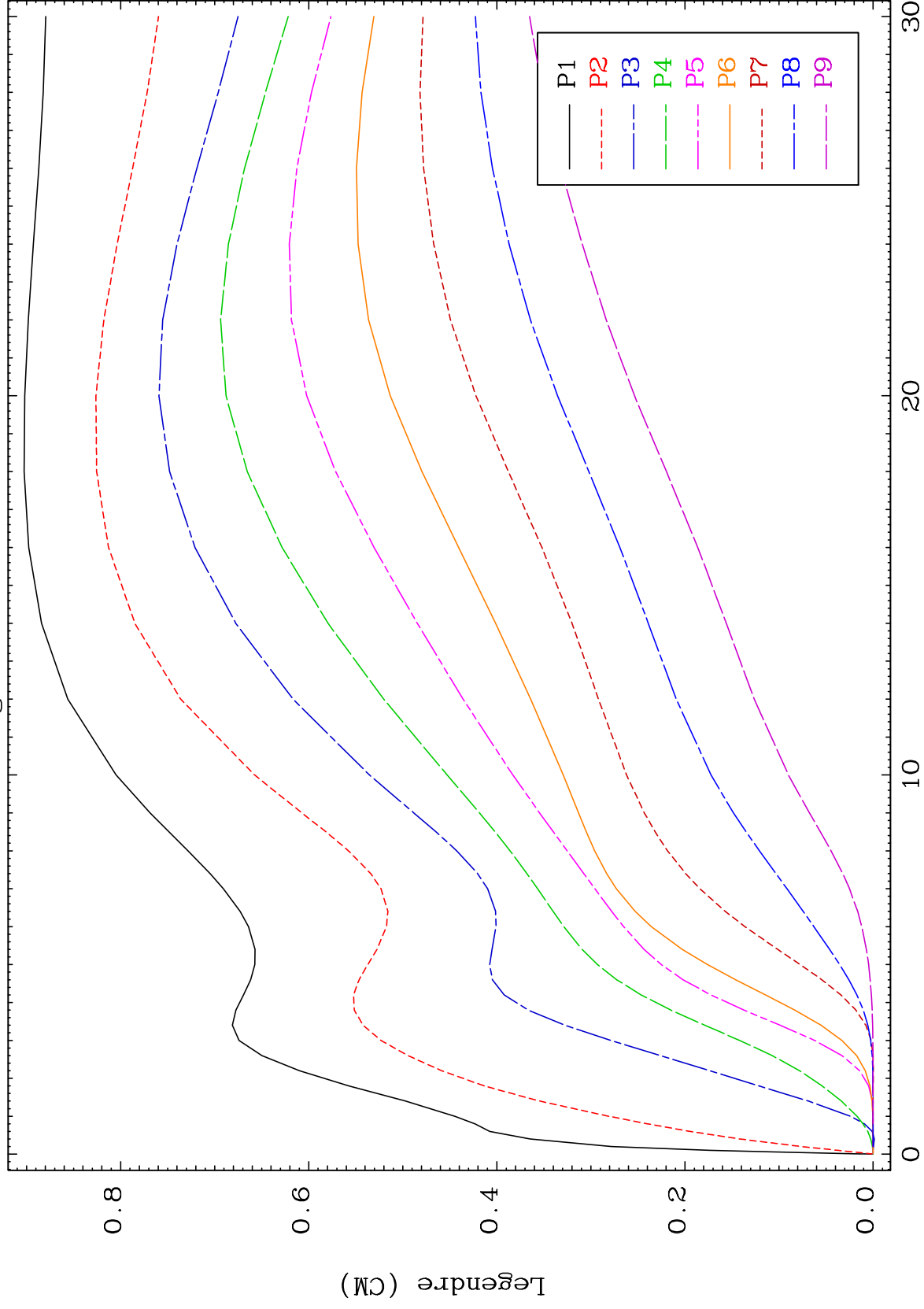
54-Xe-126



MAT 5431

54-Xe-126

Elastic Legendre Coefficients



17

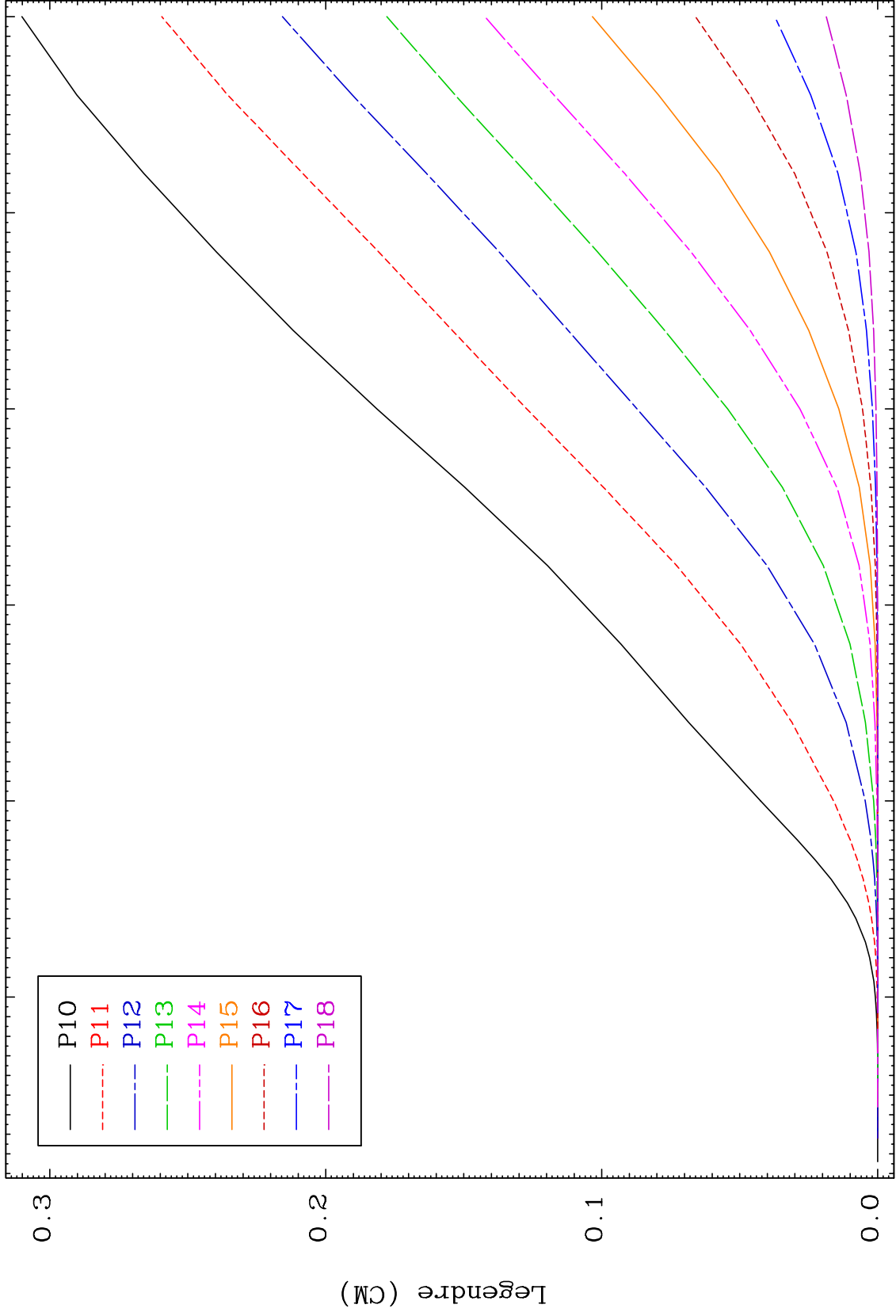
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic Legendre Coefficients

54-Xe-126



18

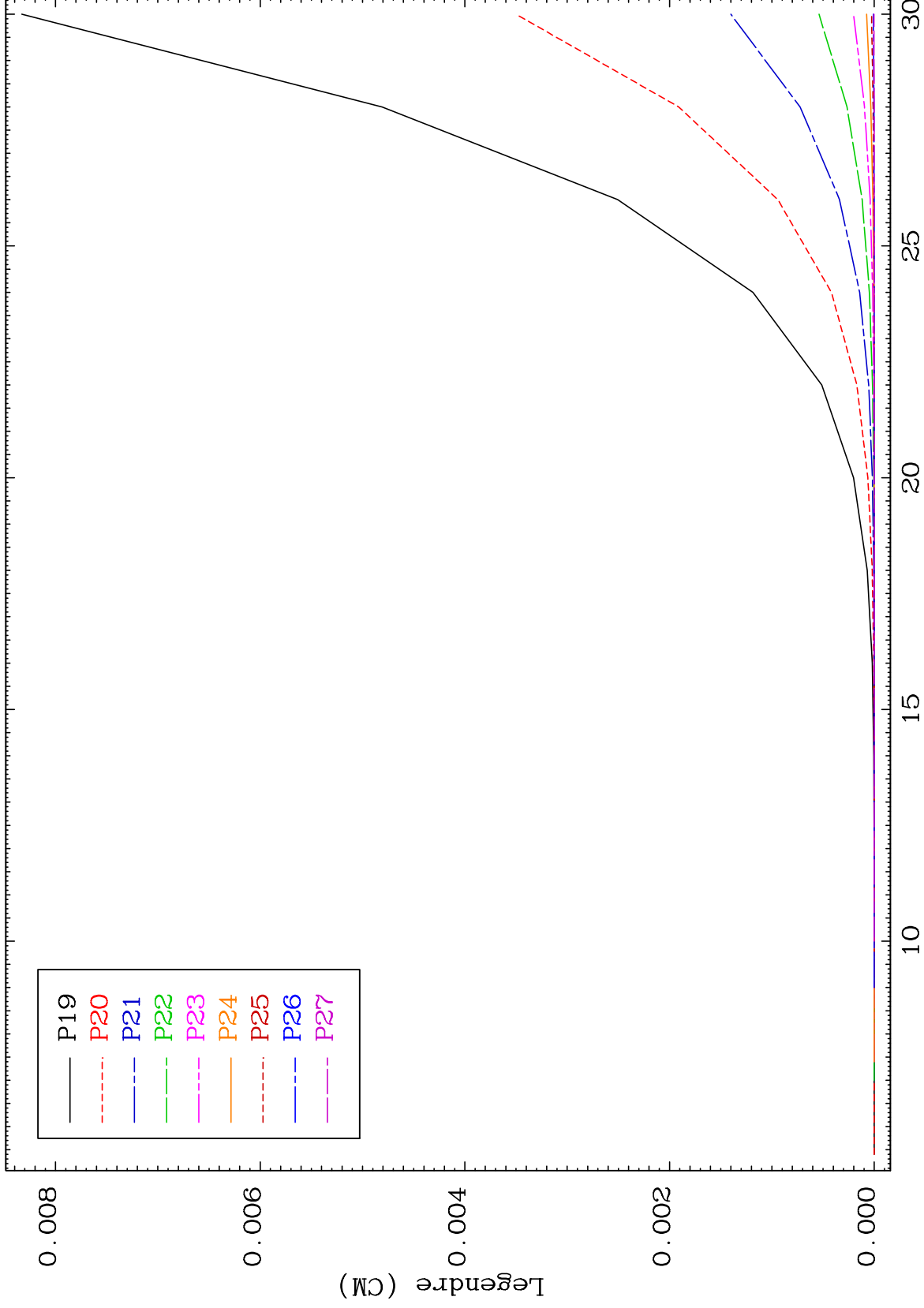
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic
Legendre Coefficients

54-Xe-126



19

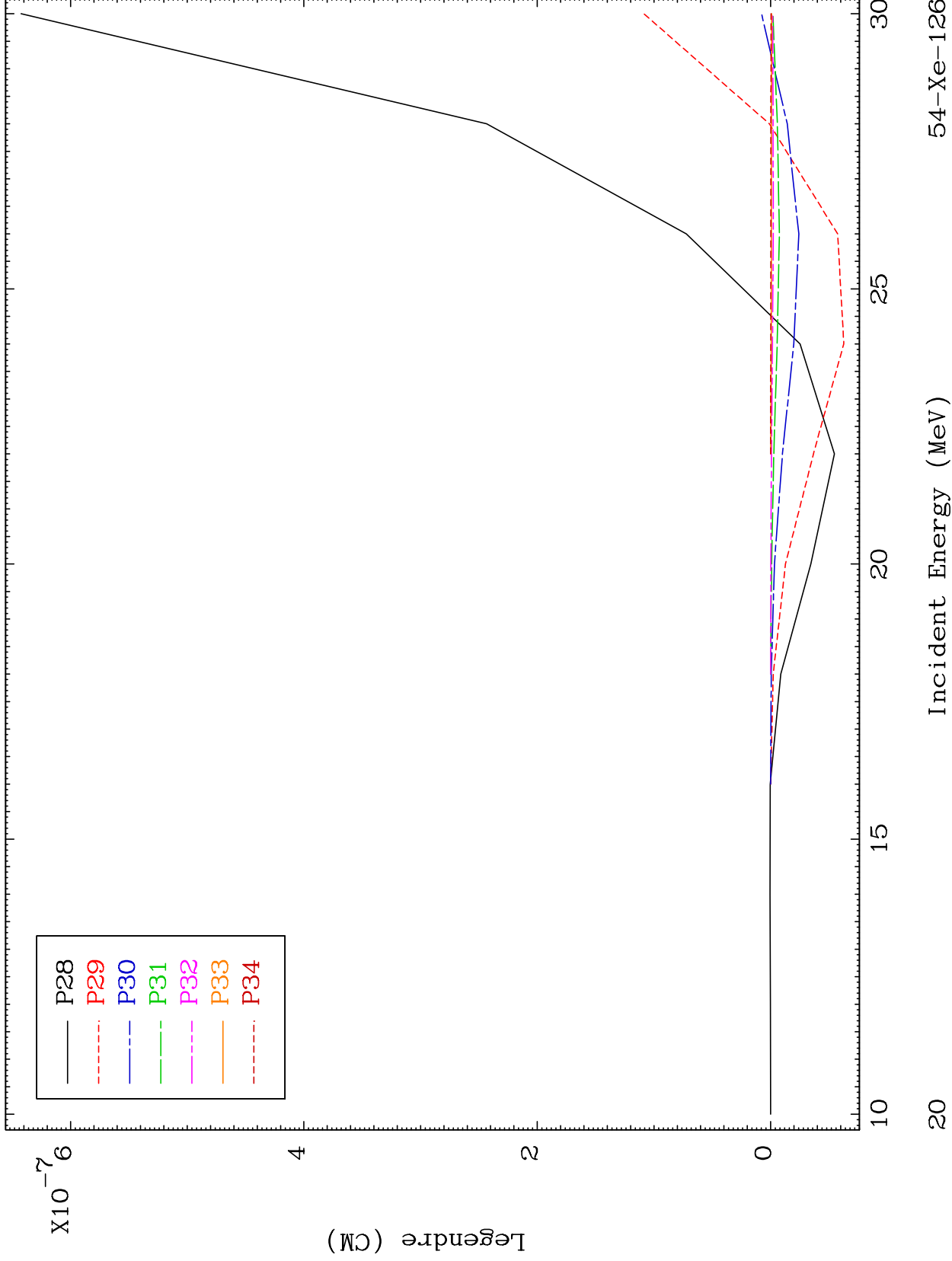
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic Legendre Coefficients

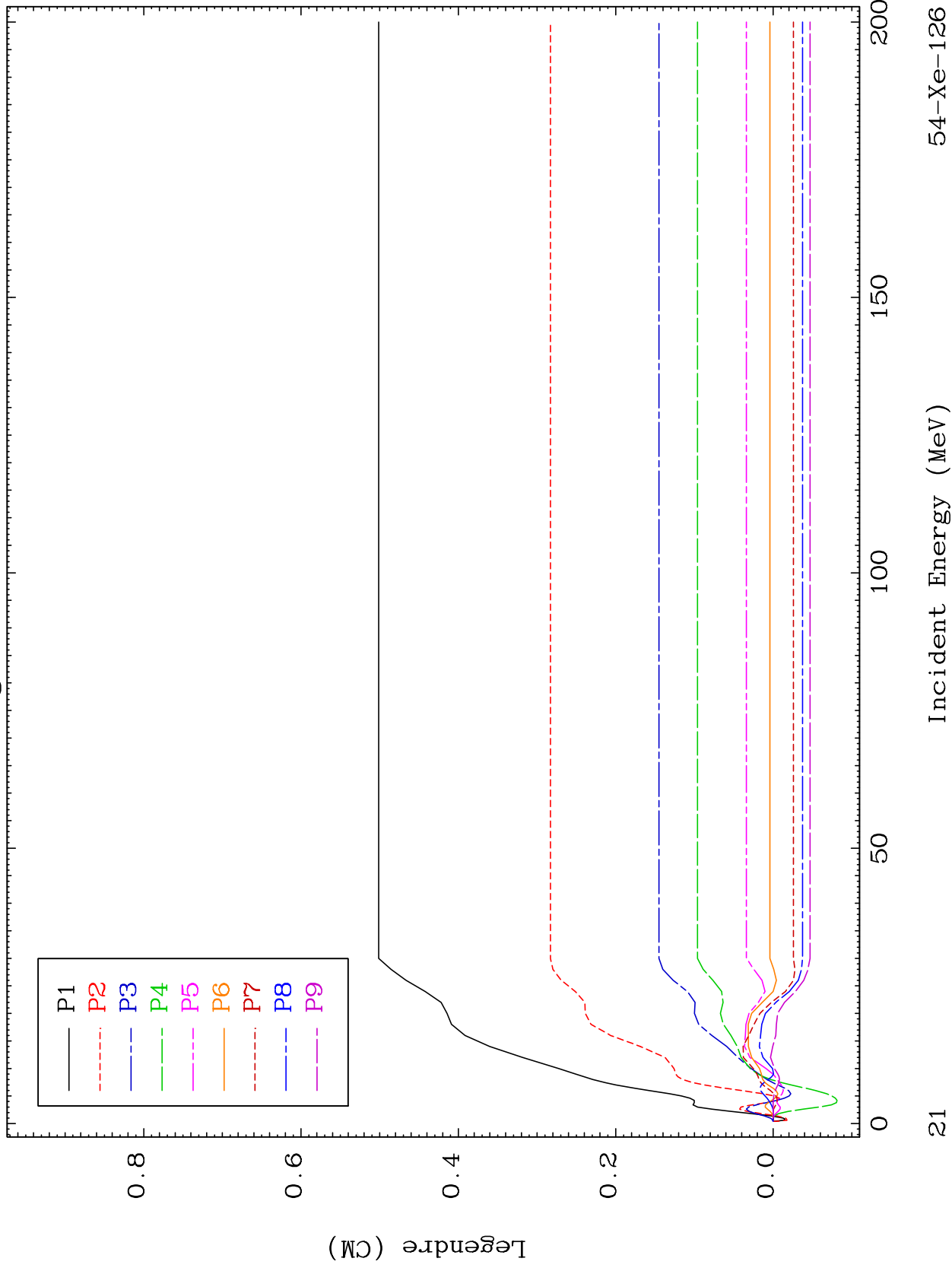
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

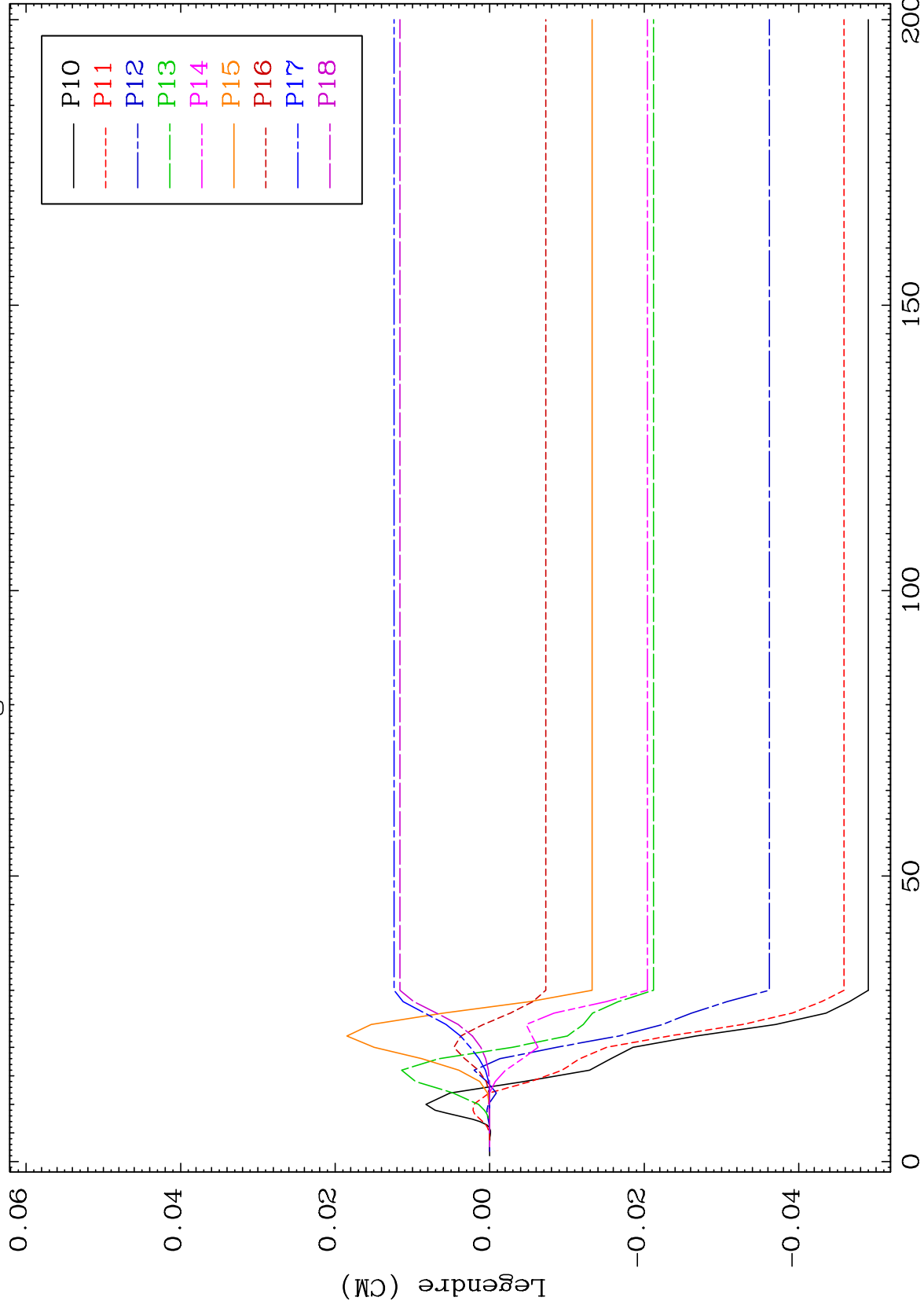
Incident Energy (MeV)

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MAT 5431

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

54-Xe-126



22

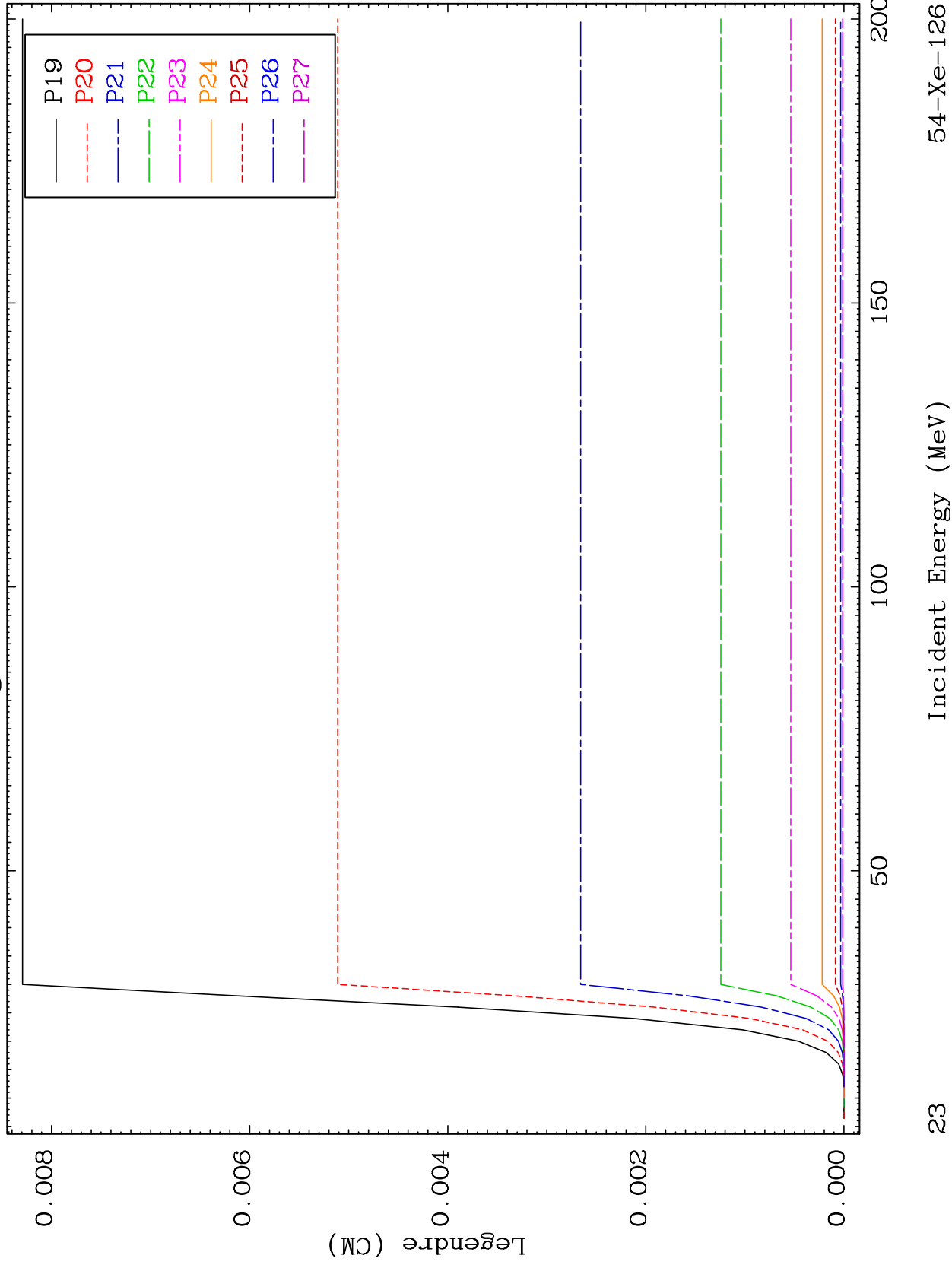
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



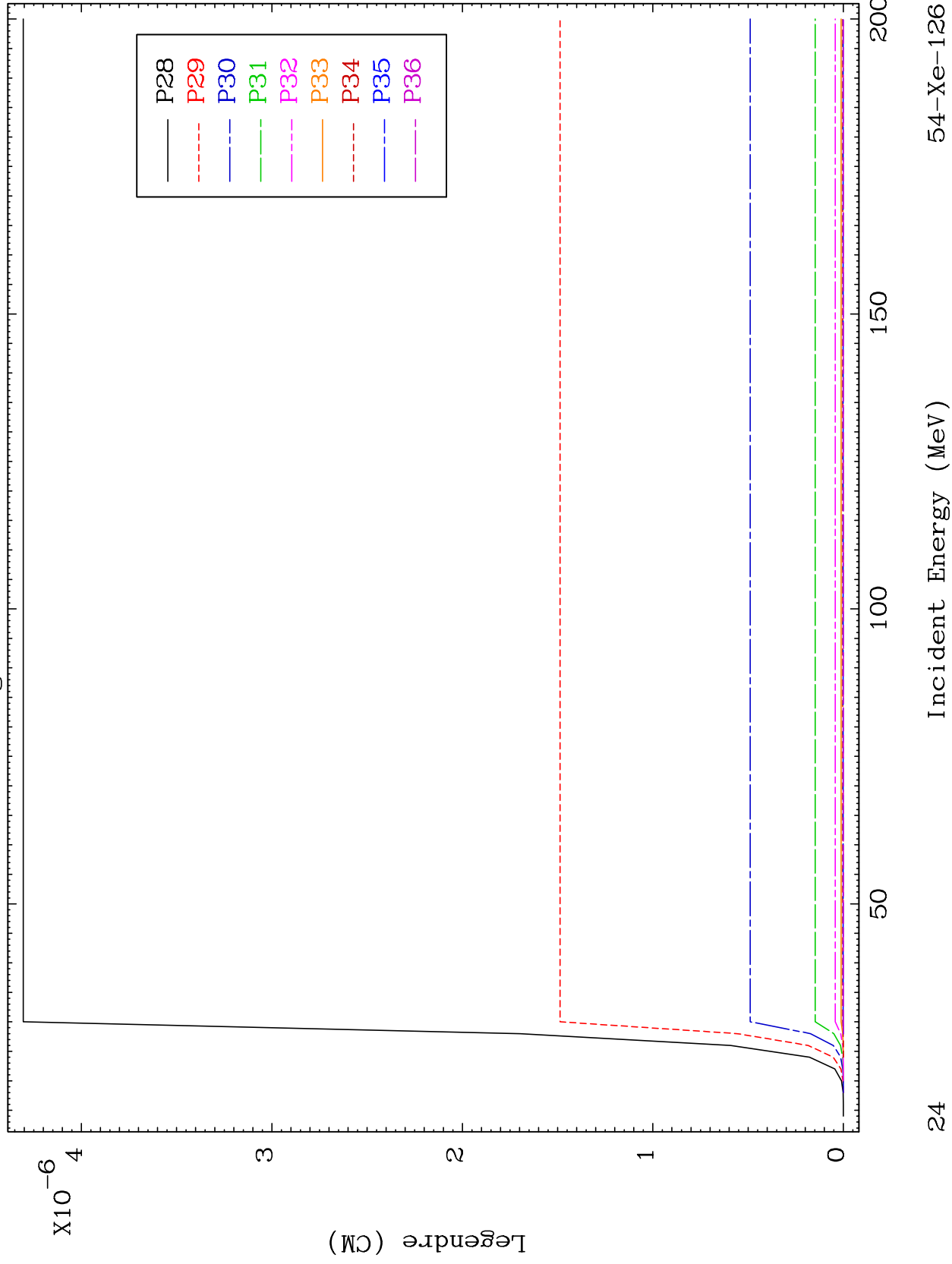
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MAT 5431

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

54-Xe-126

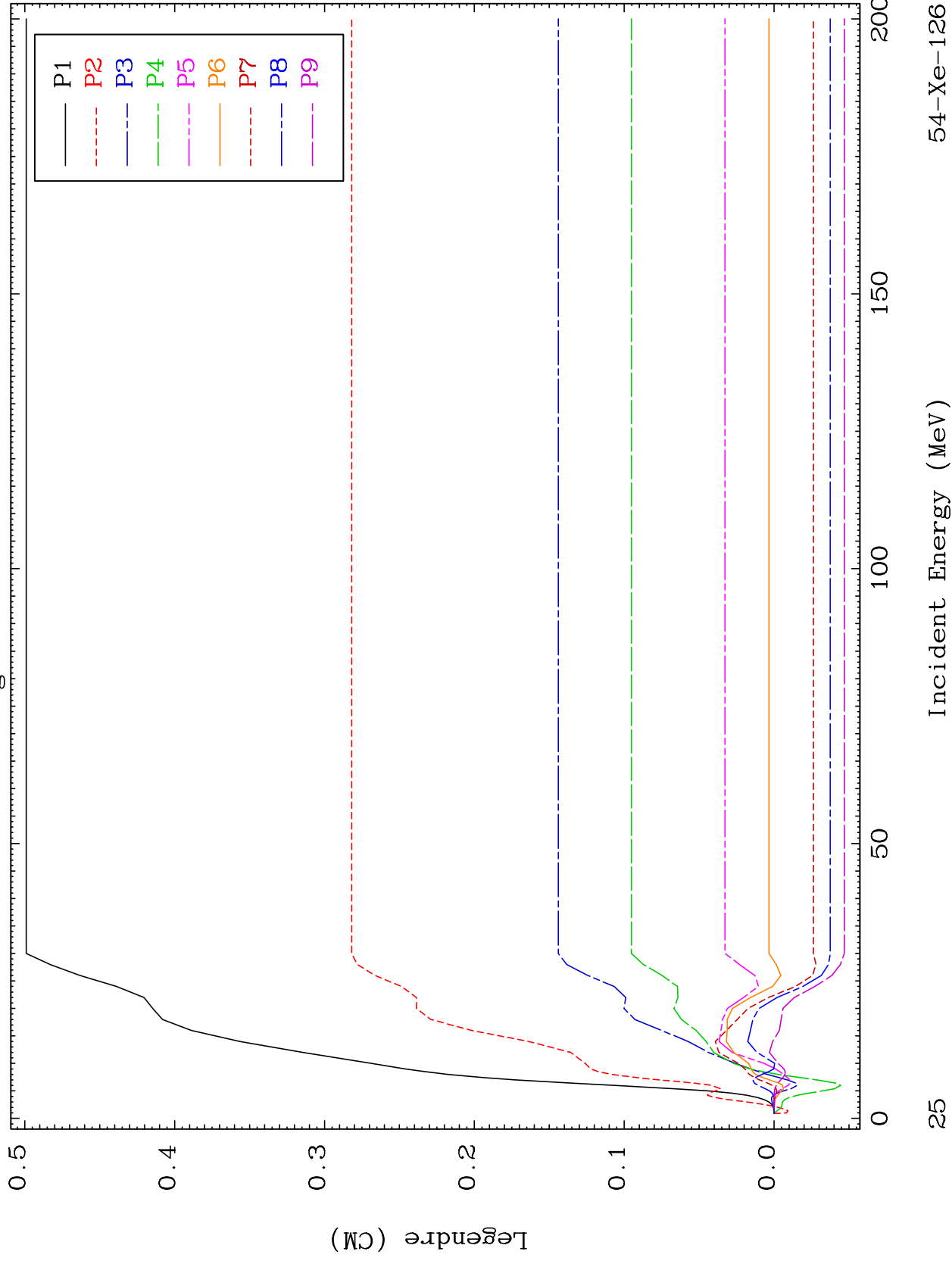


MAT 5431

MT= 52 (n,n') Level

54-Xe-126

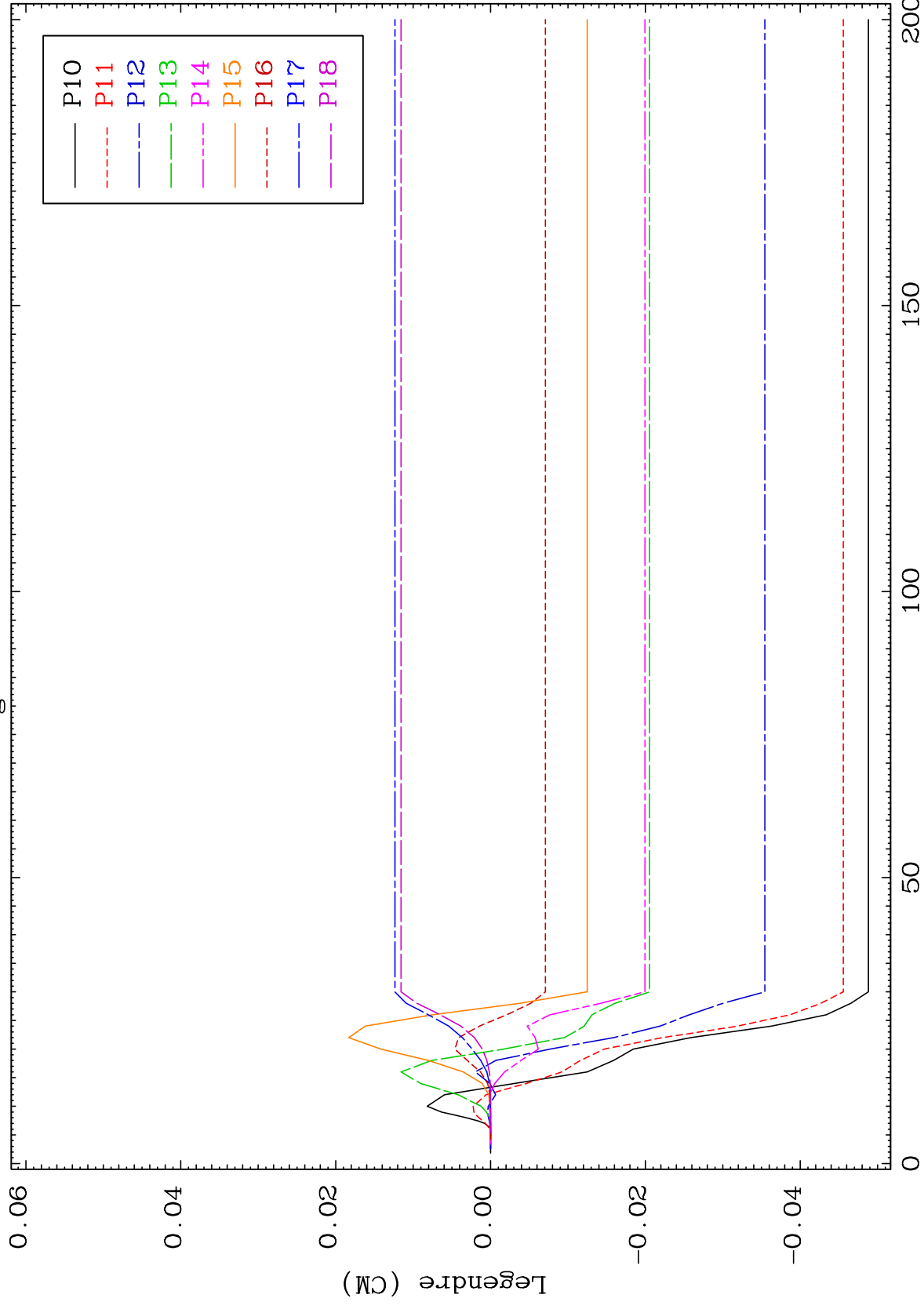
Legendre Coefficients



MAT 5431

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

54-Xe-126



26

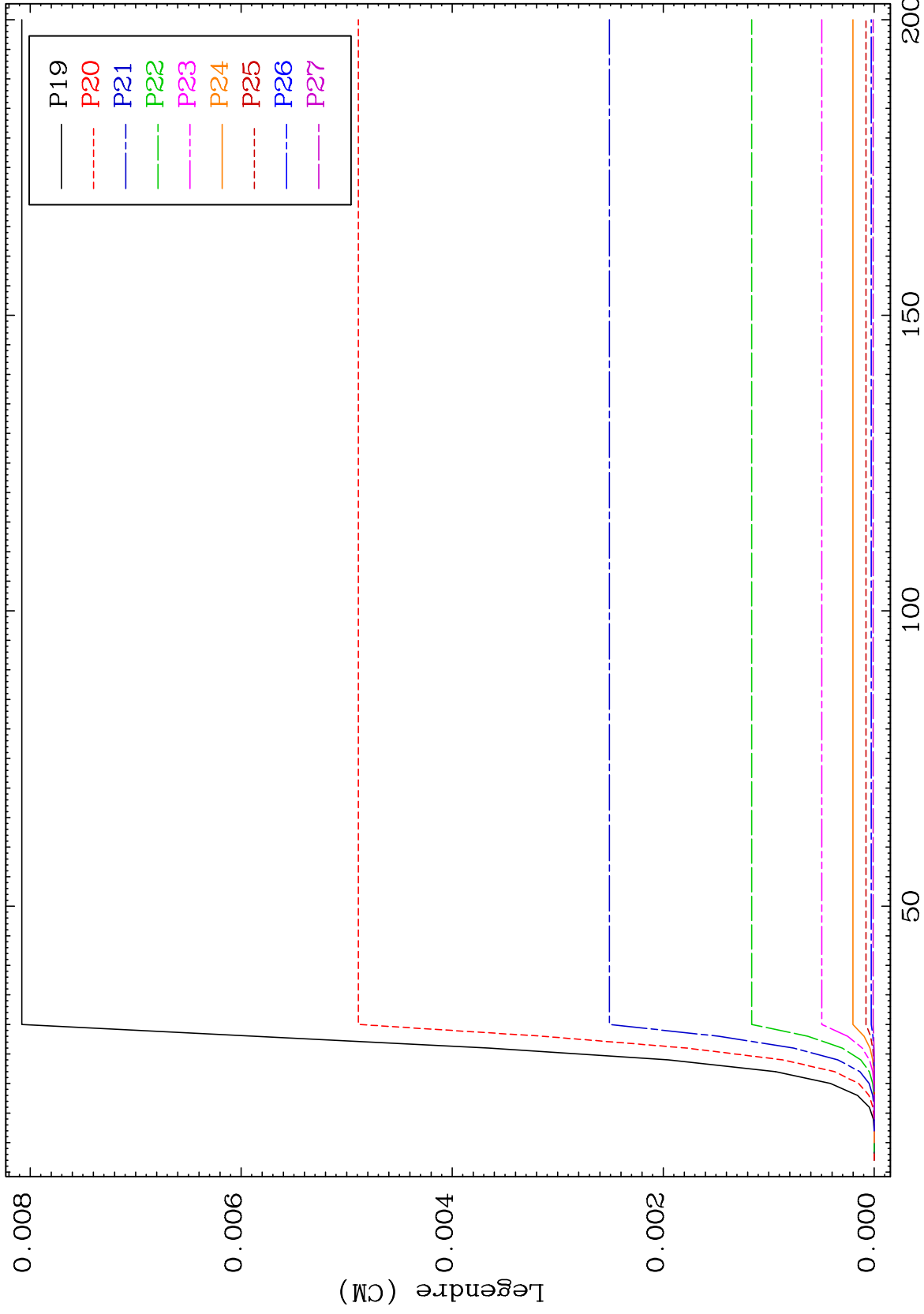
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



27

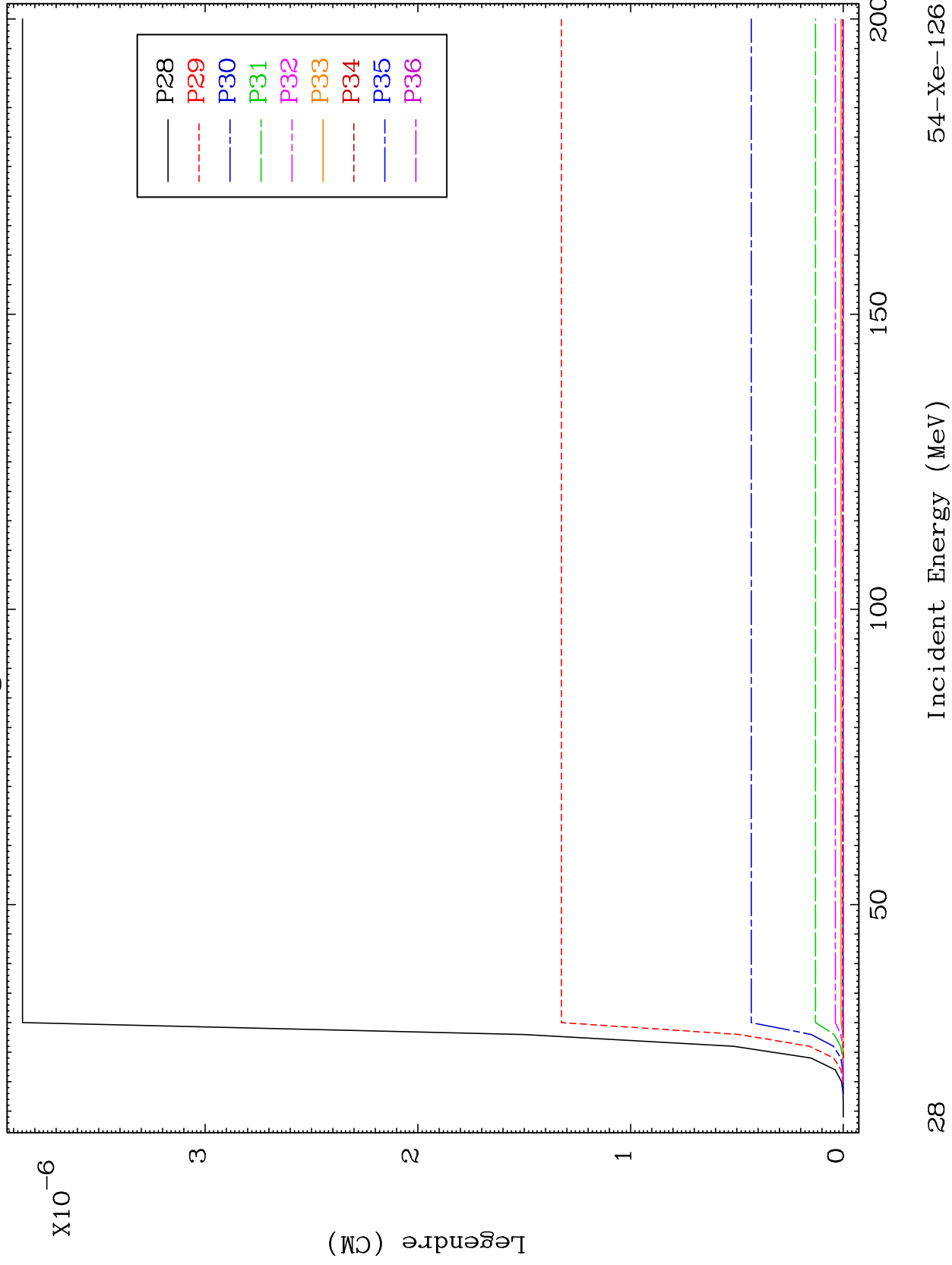
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



28

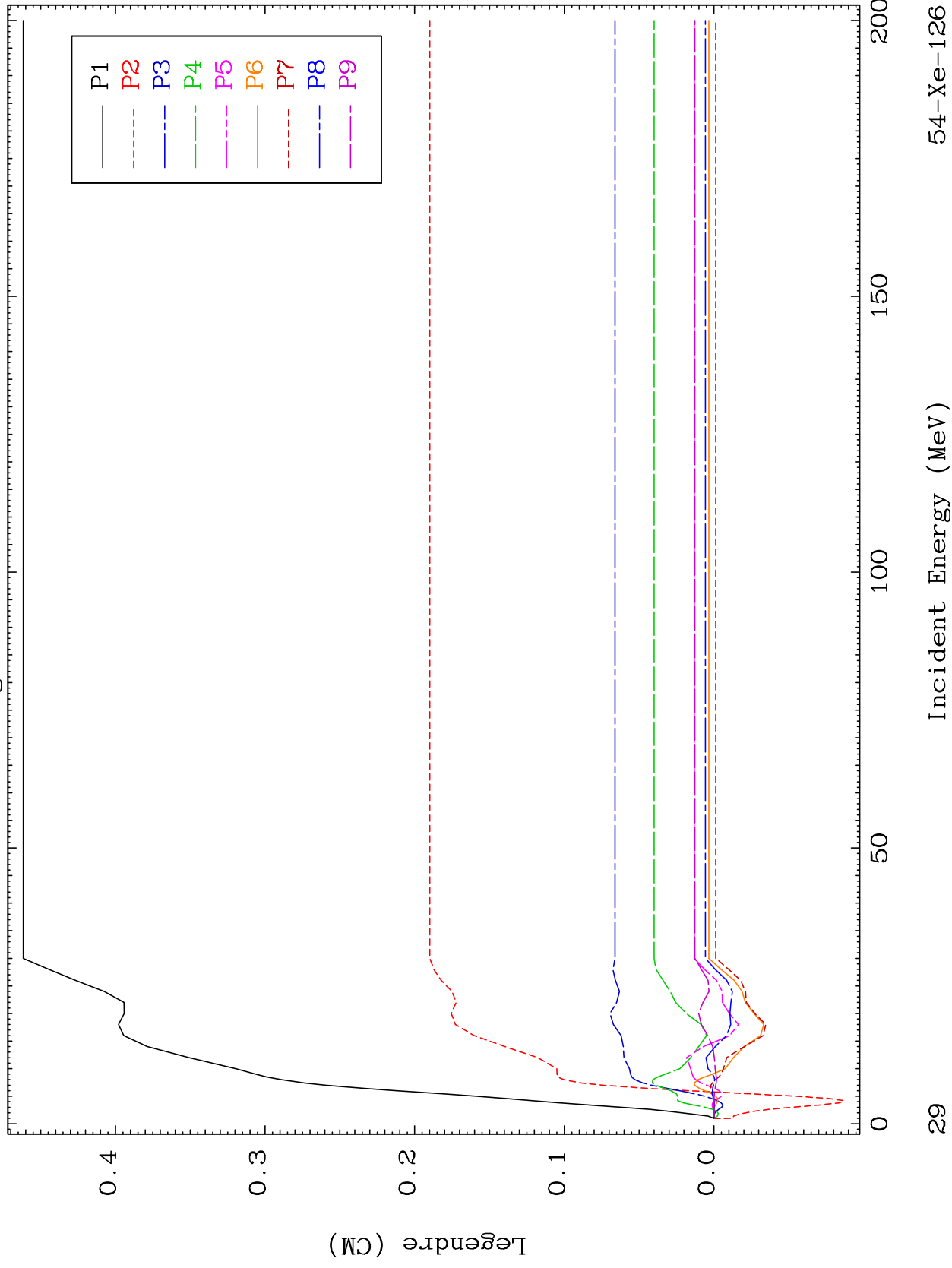
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

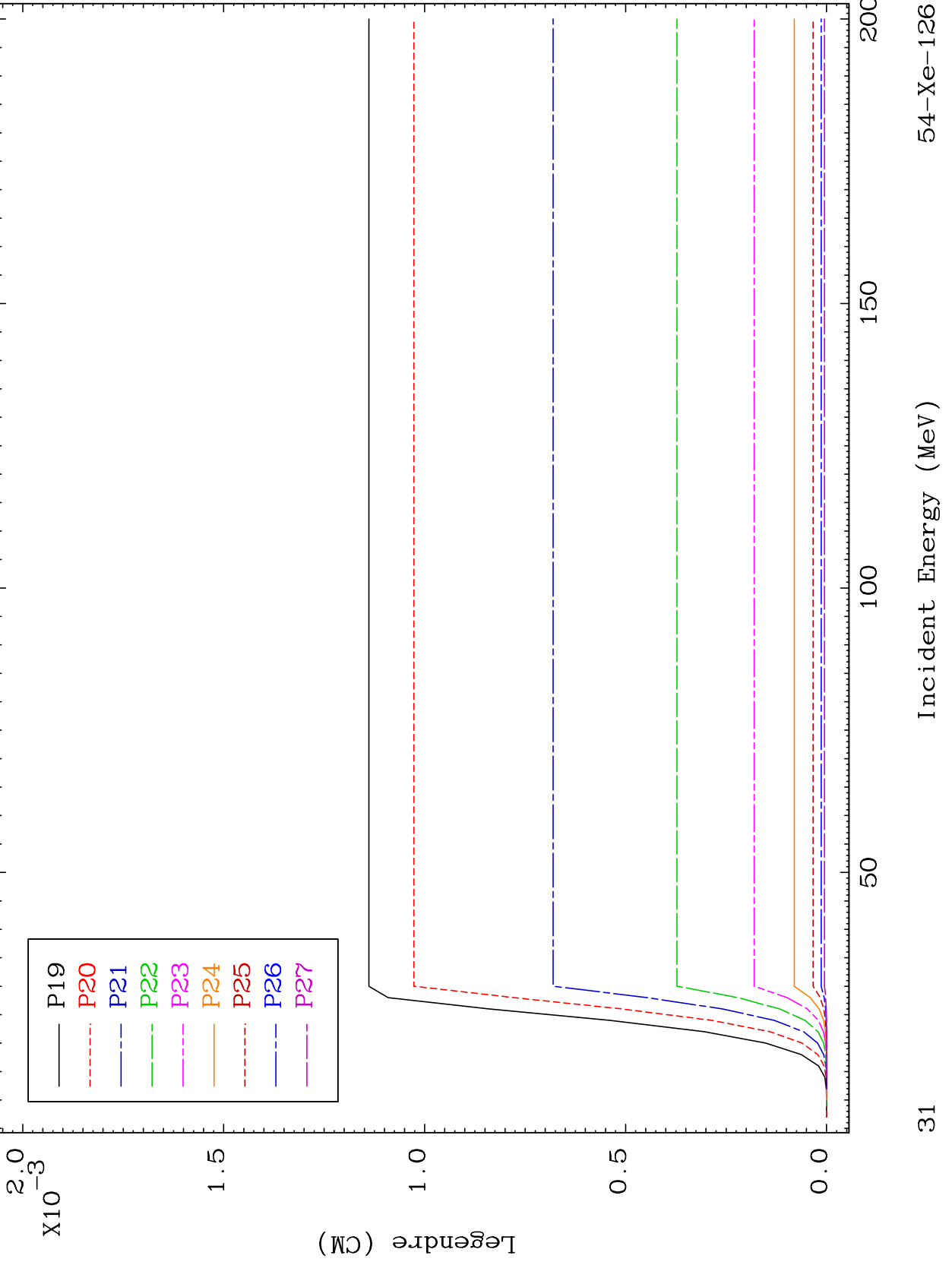
Incident Energy (MeV)

29

MAT 5431

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

54-Xe-126



31

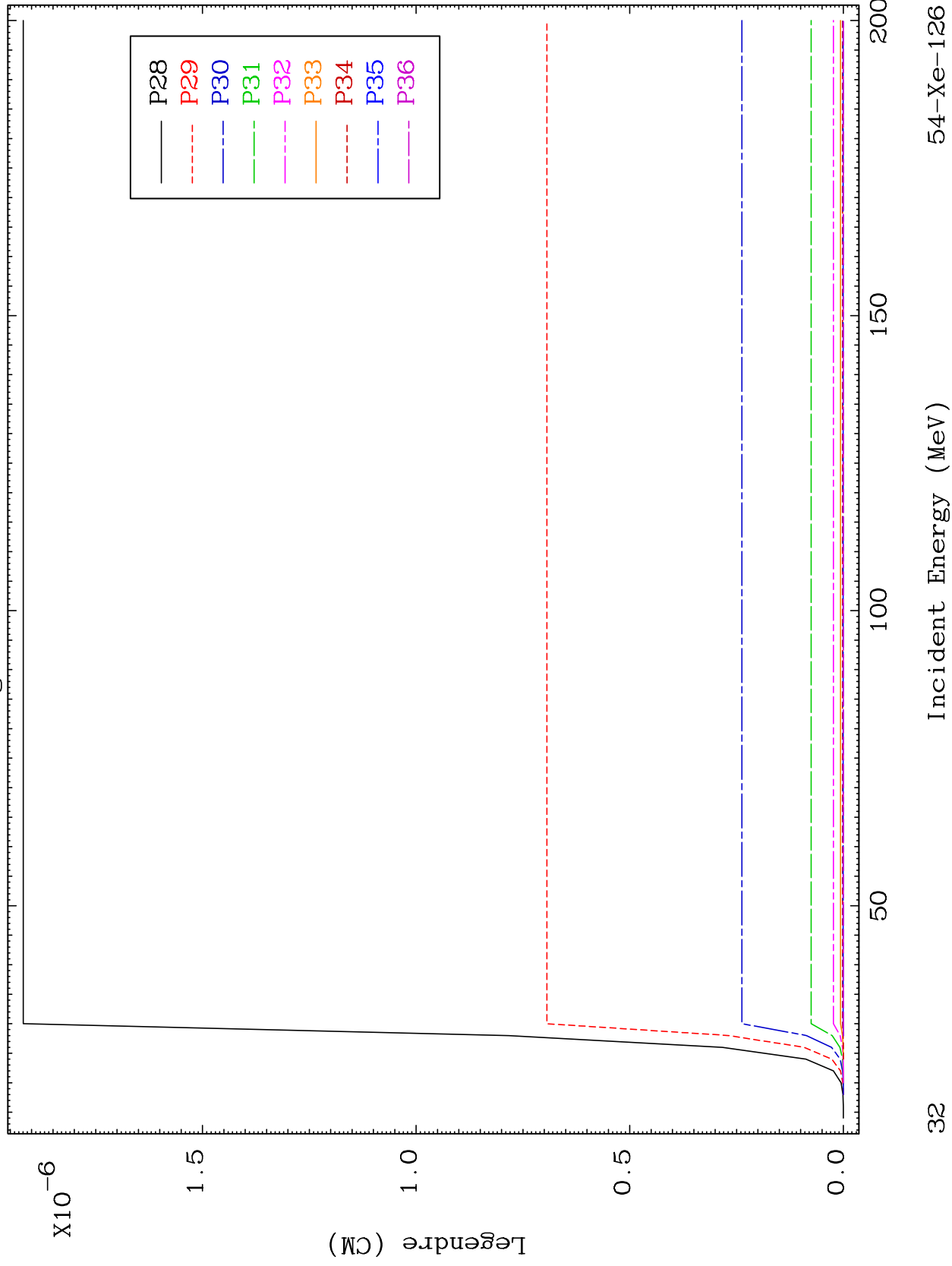
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

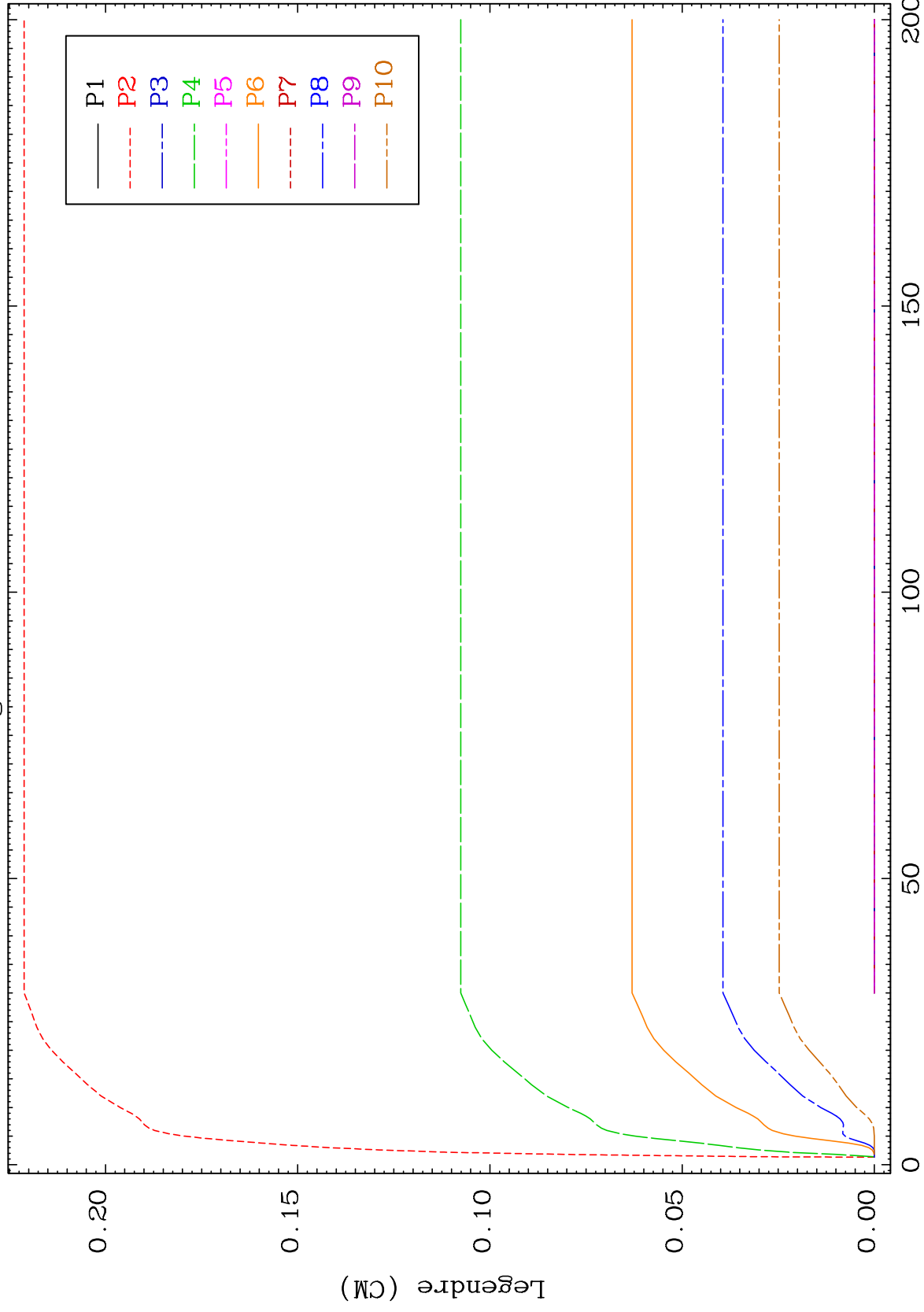
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MAT 5431

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

54-Xe-126



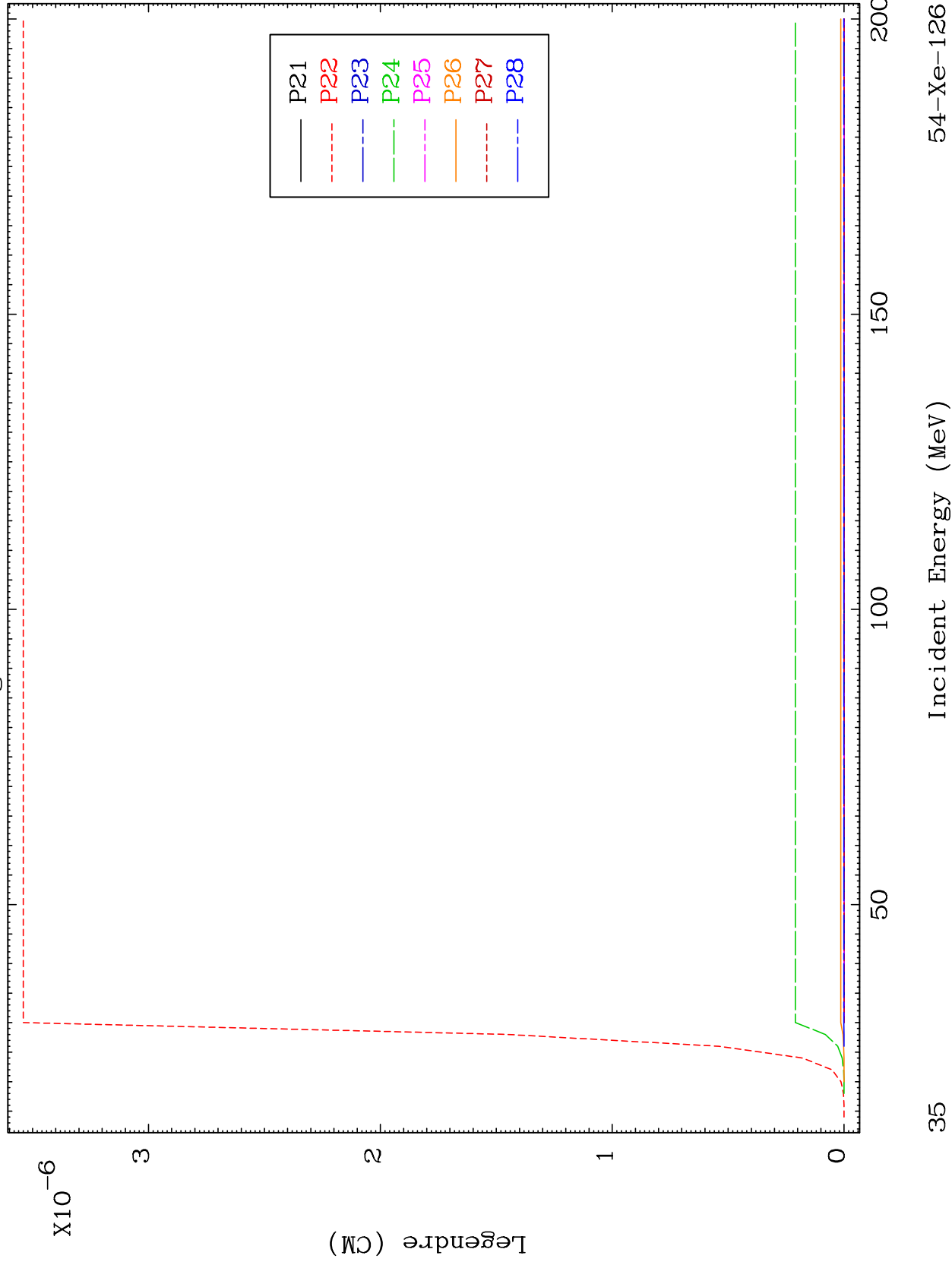
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54-Xe-126

MAT 5431

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

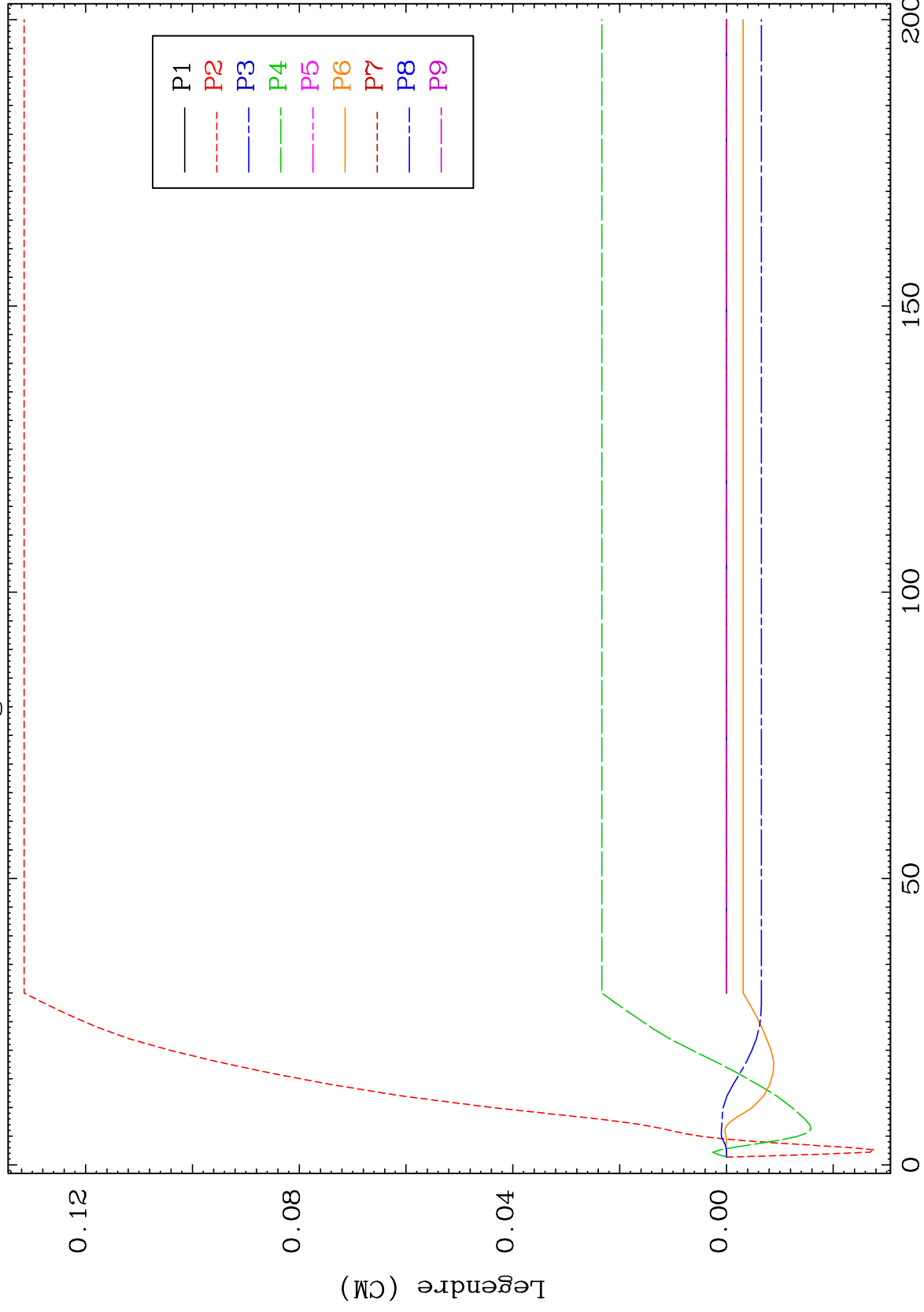
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MAT 5431

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

54-Xe-126



54-Xe-126

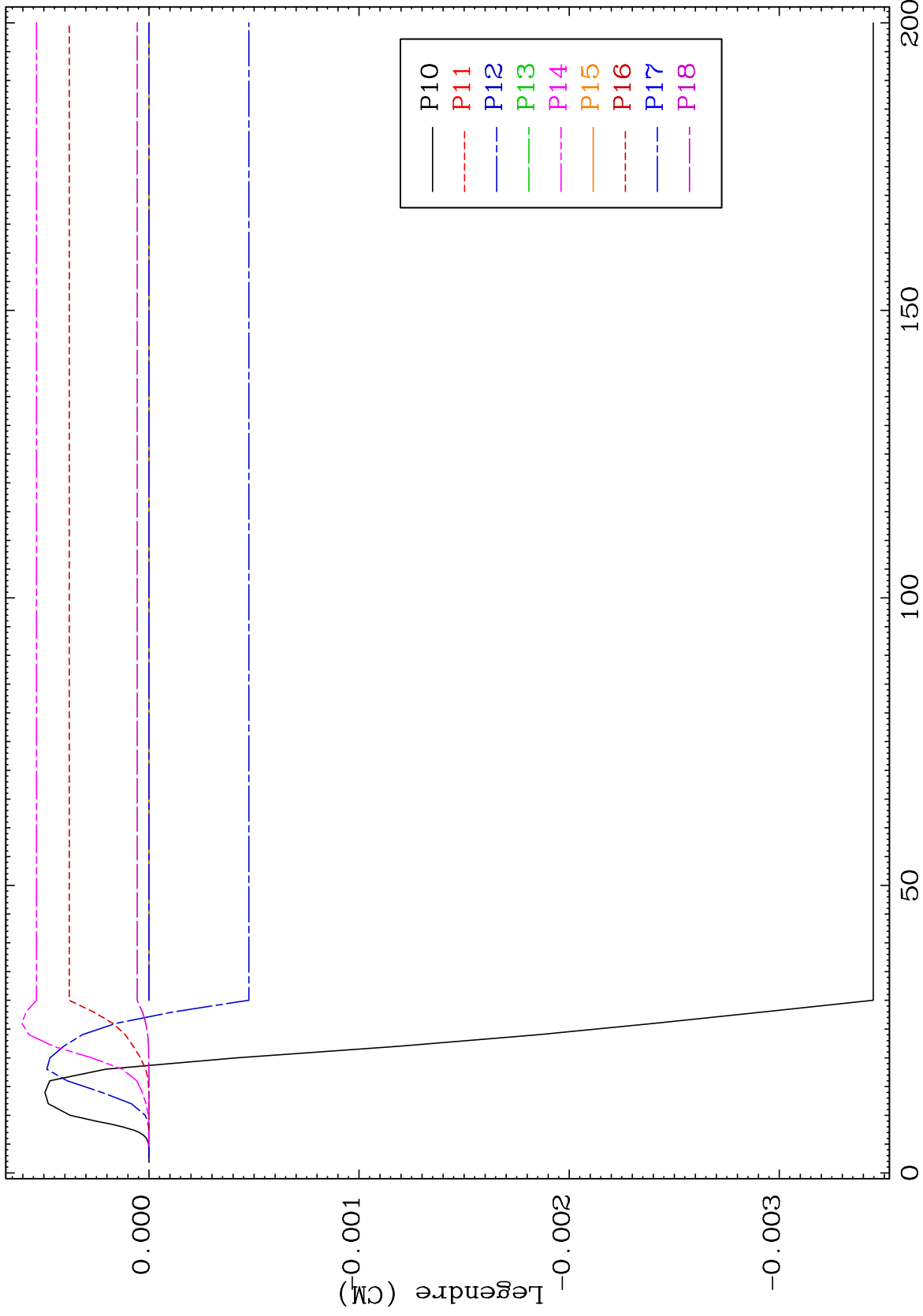
Incident Energy (MeV)

36

MAT 5431

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

54-Xe-126



37

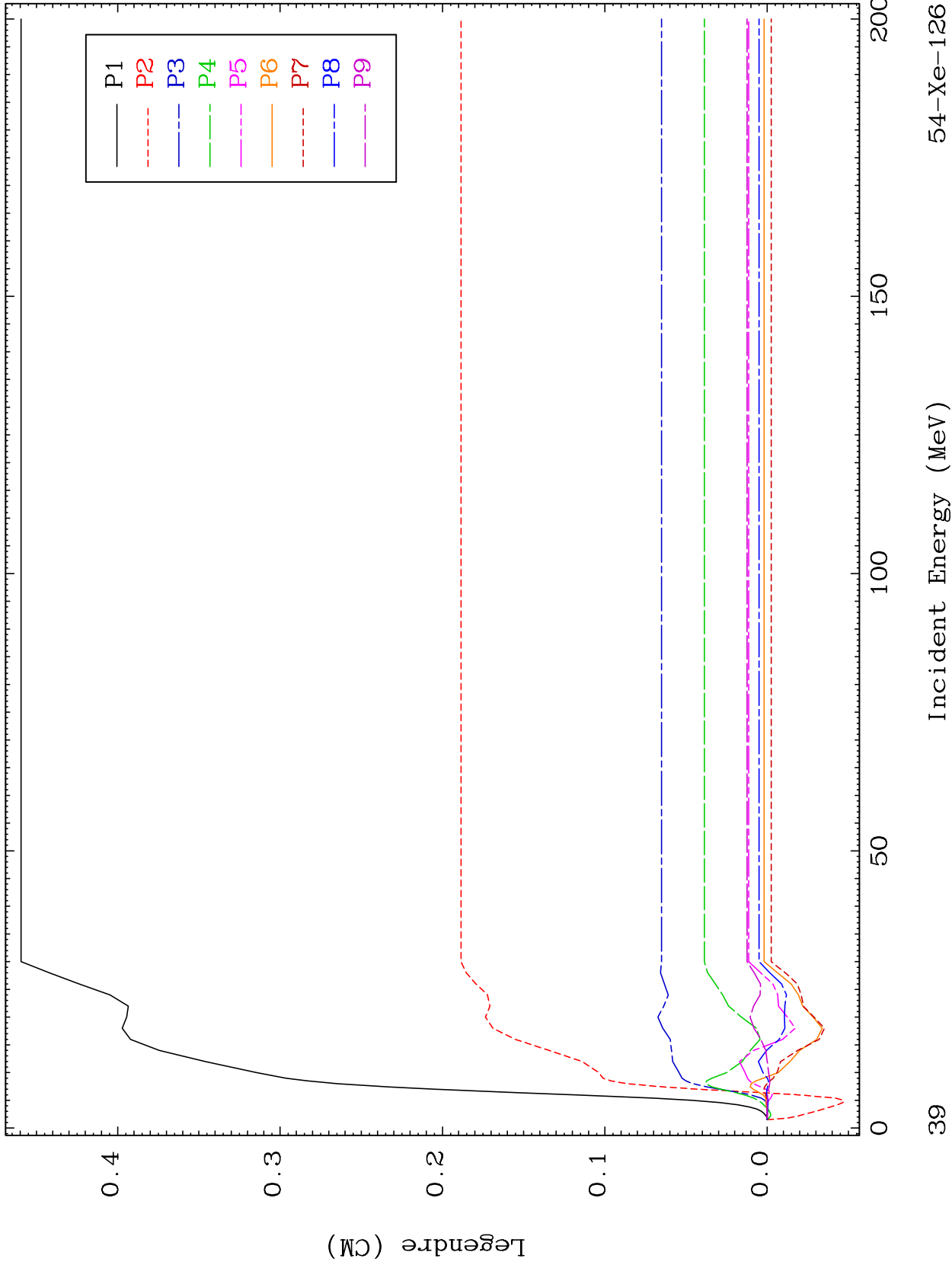
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

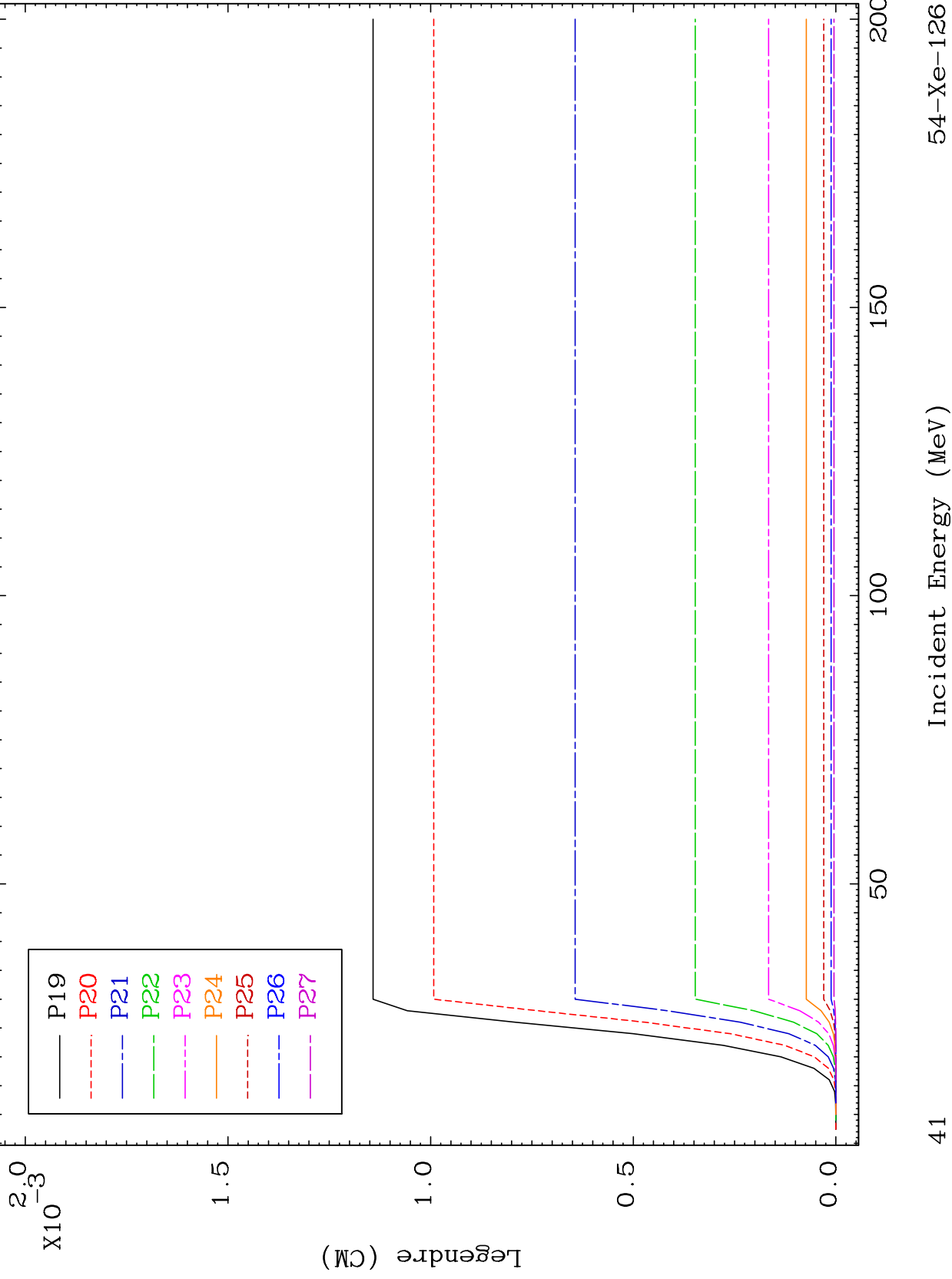
Incident Energy (MeV)

39

MAT 5431

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

54-Xe-126



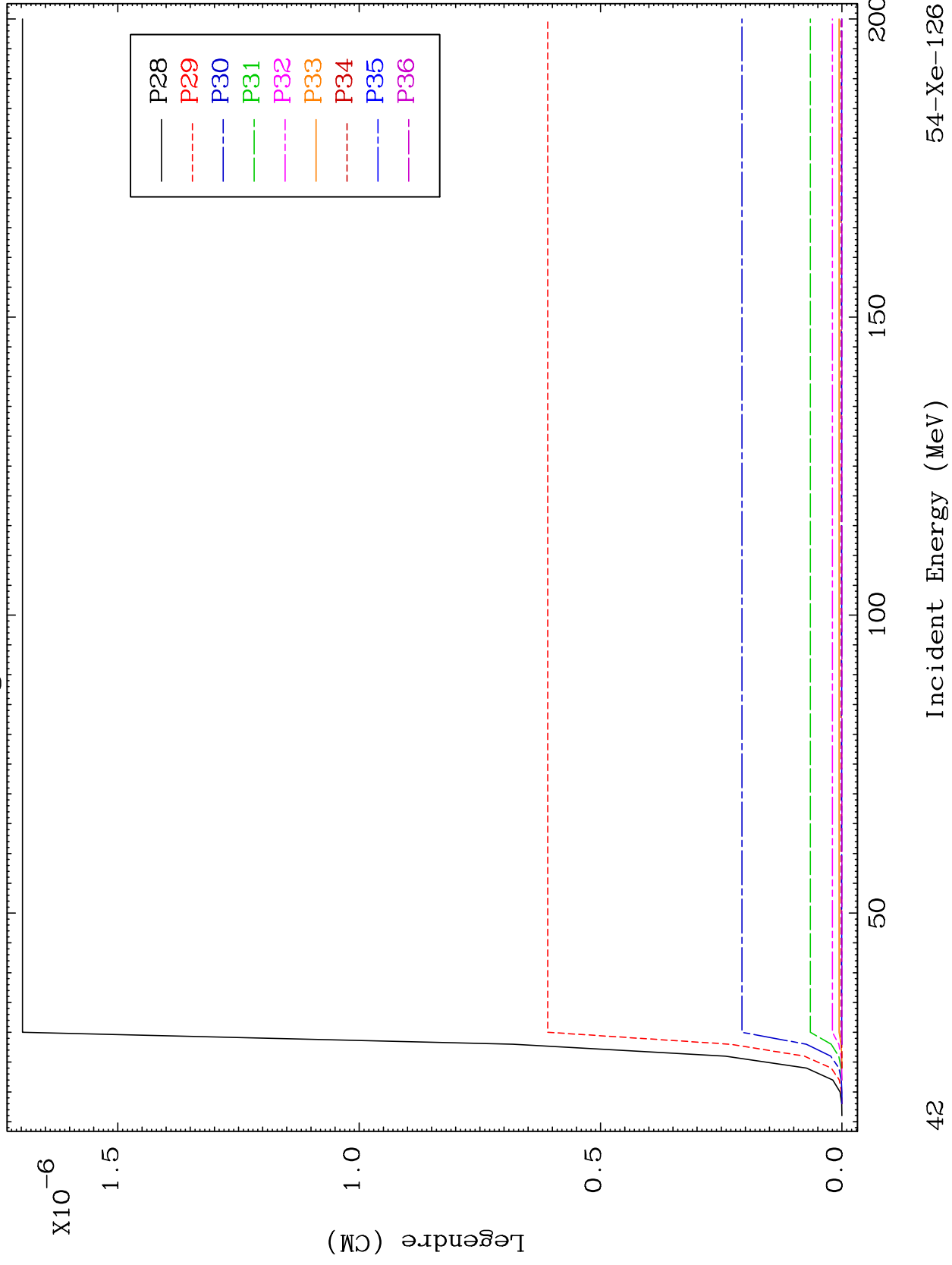
41

54-Xe-126

MAT 5431

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

54-Xe-126



42

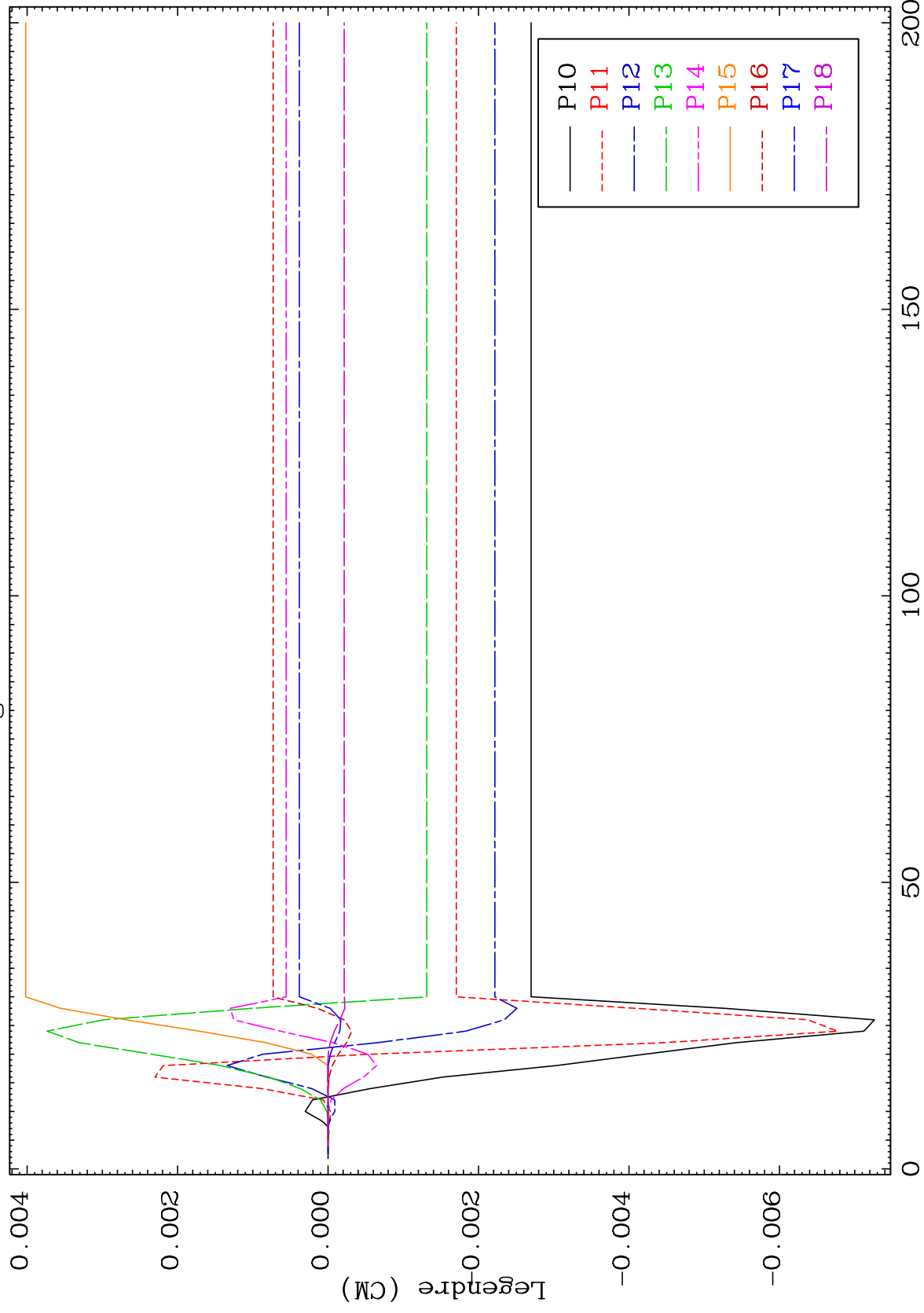
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



44

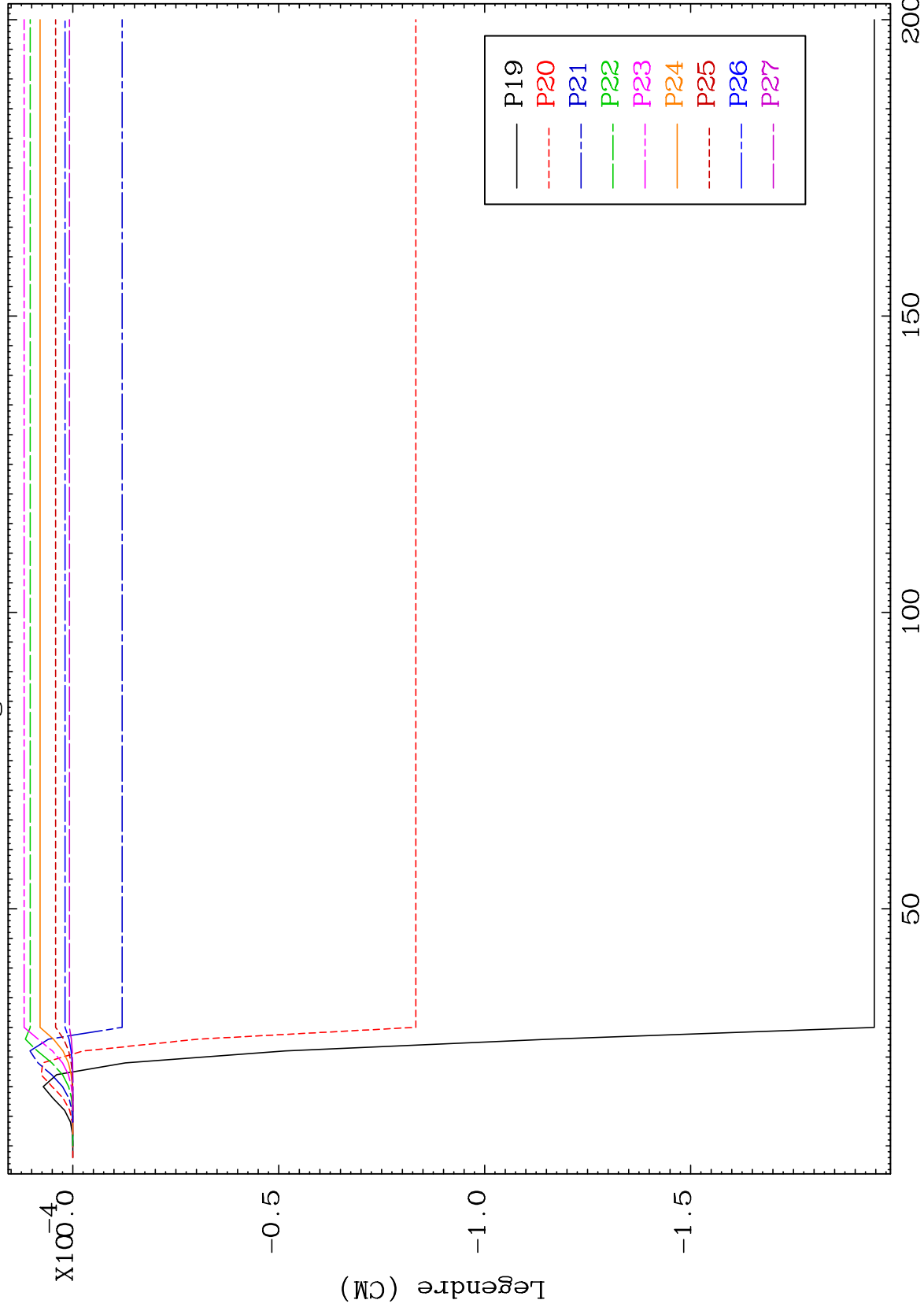
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

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



45

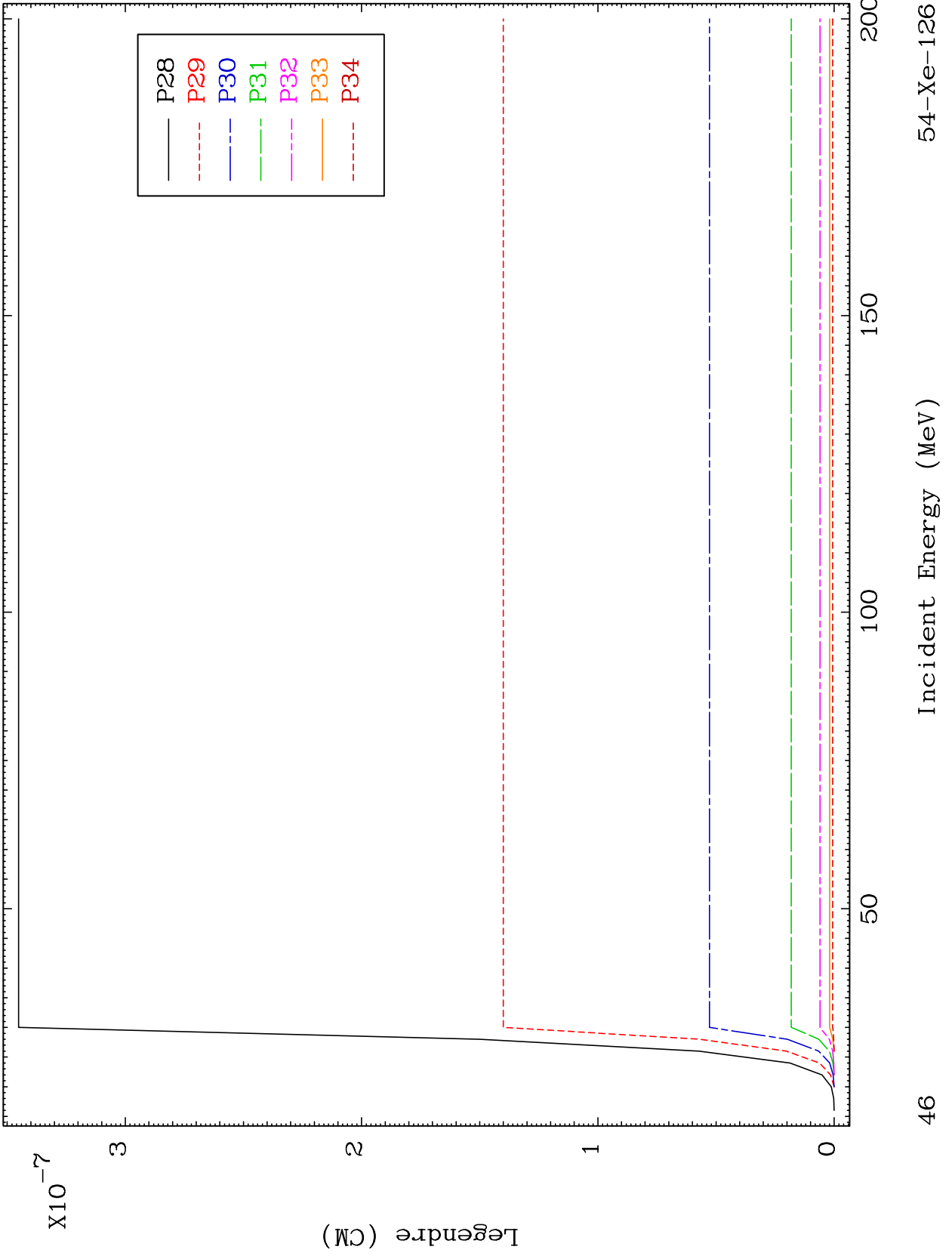
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



46

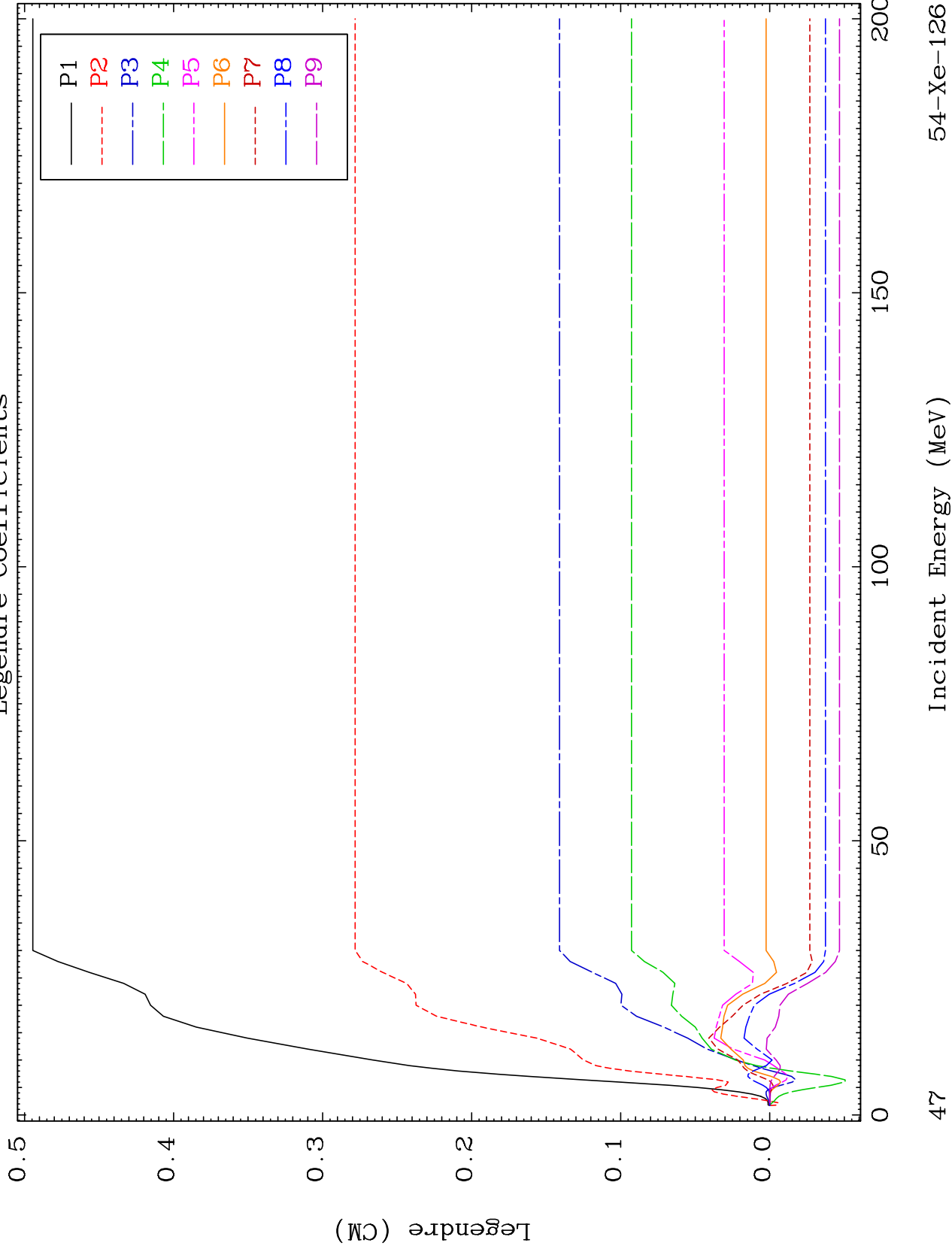
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

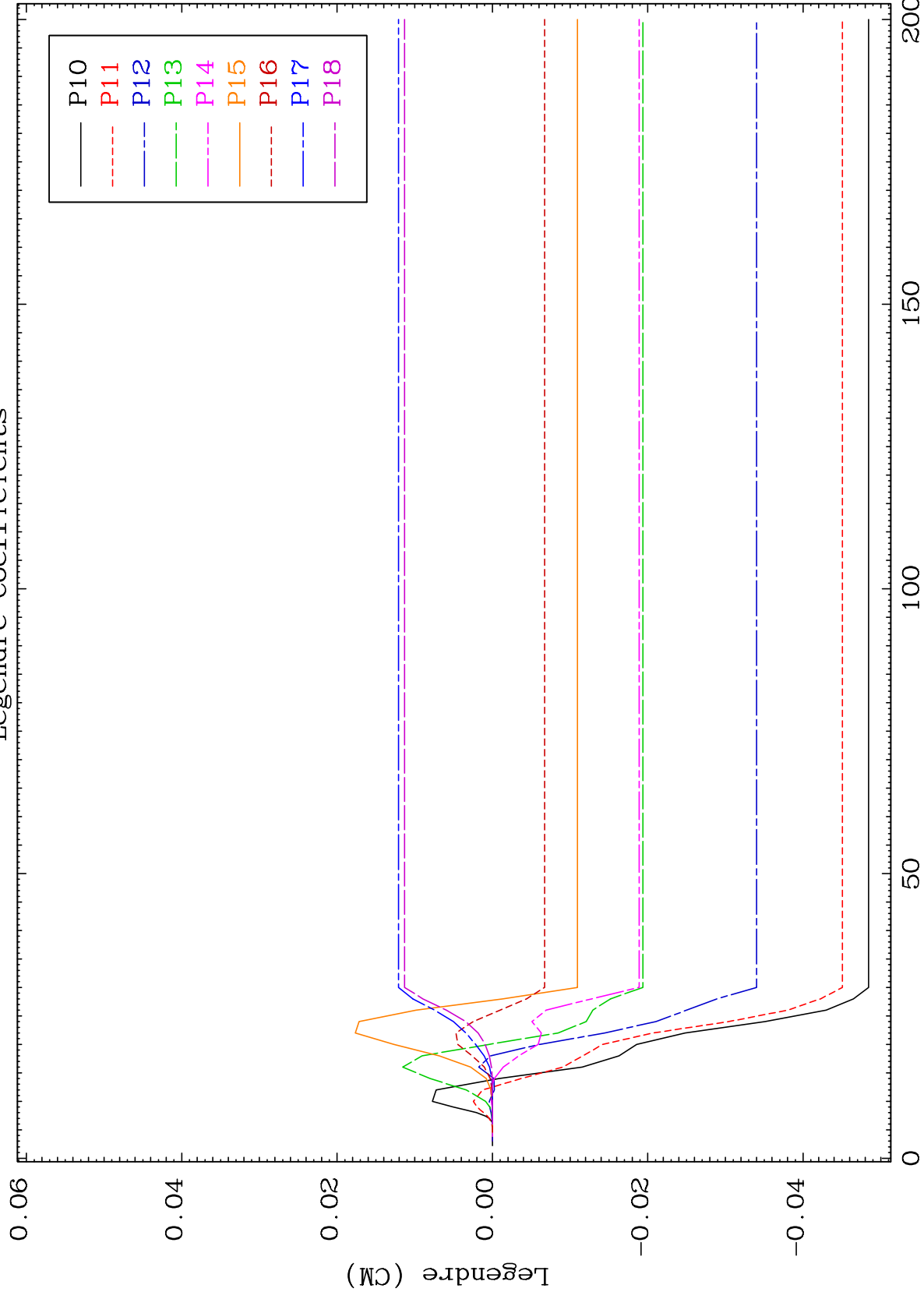
Incident Energy (MeV)

47

MAT 5431

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

54-Xe-126



48

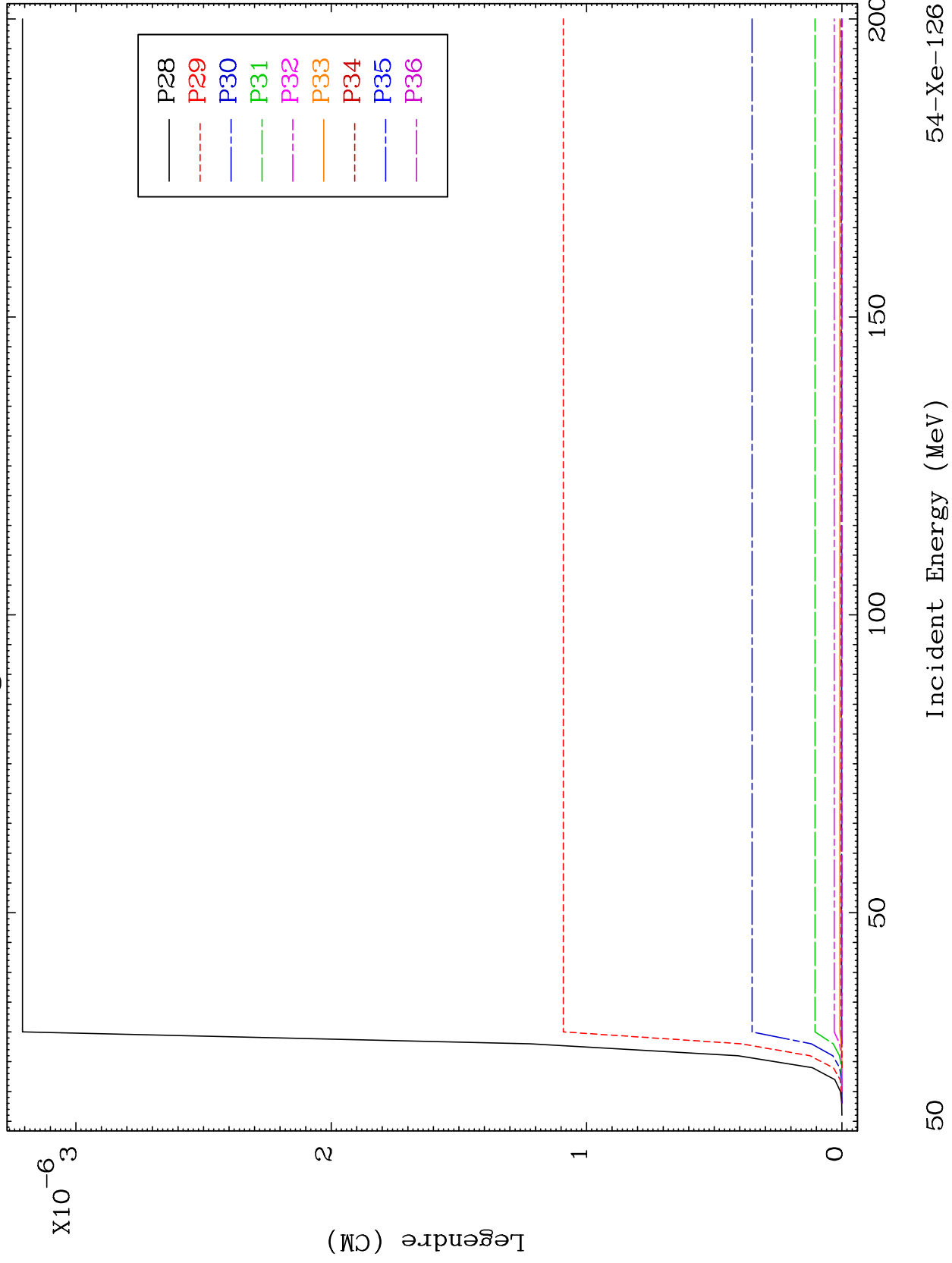
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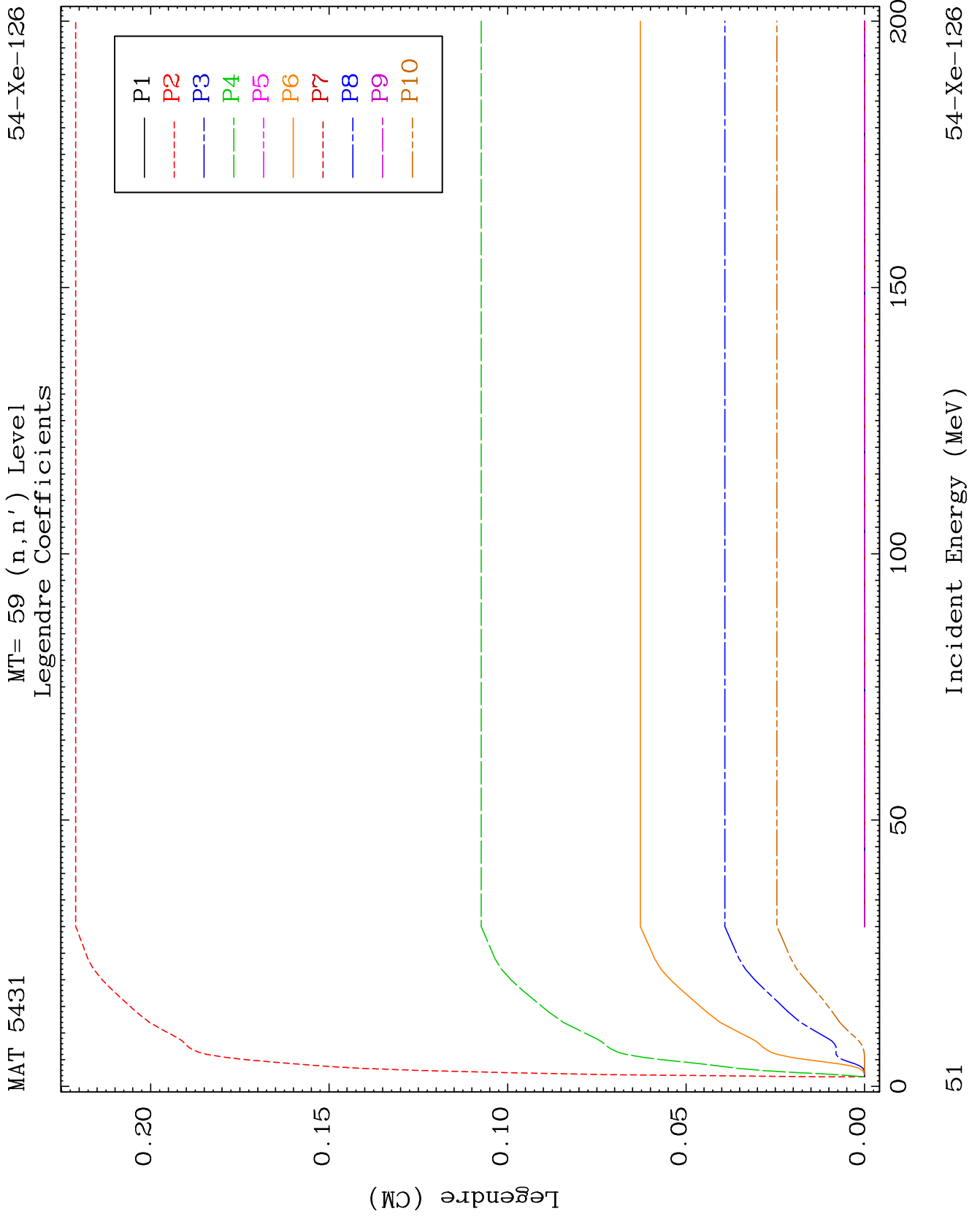
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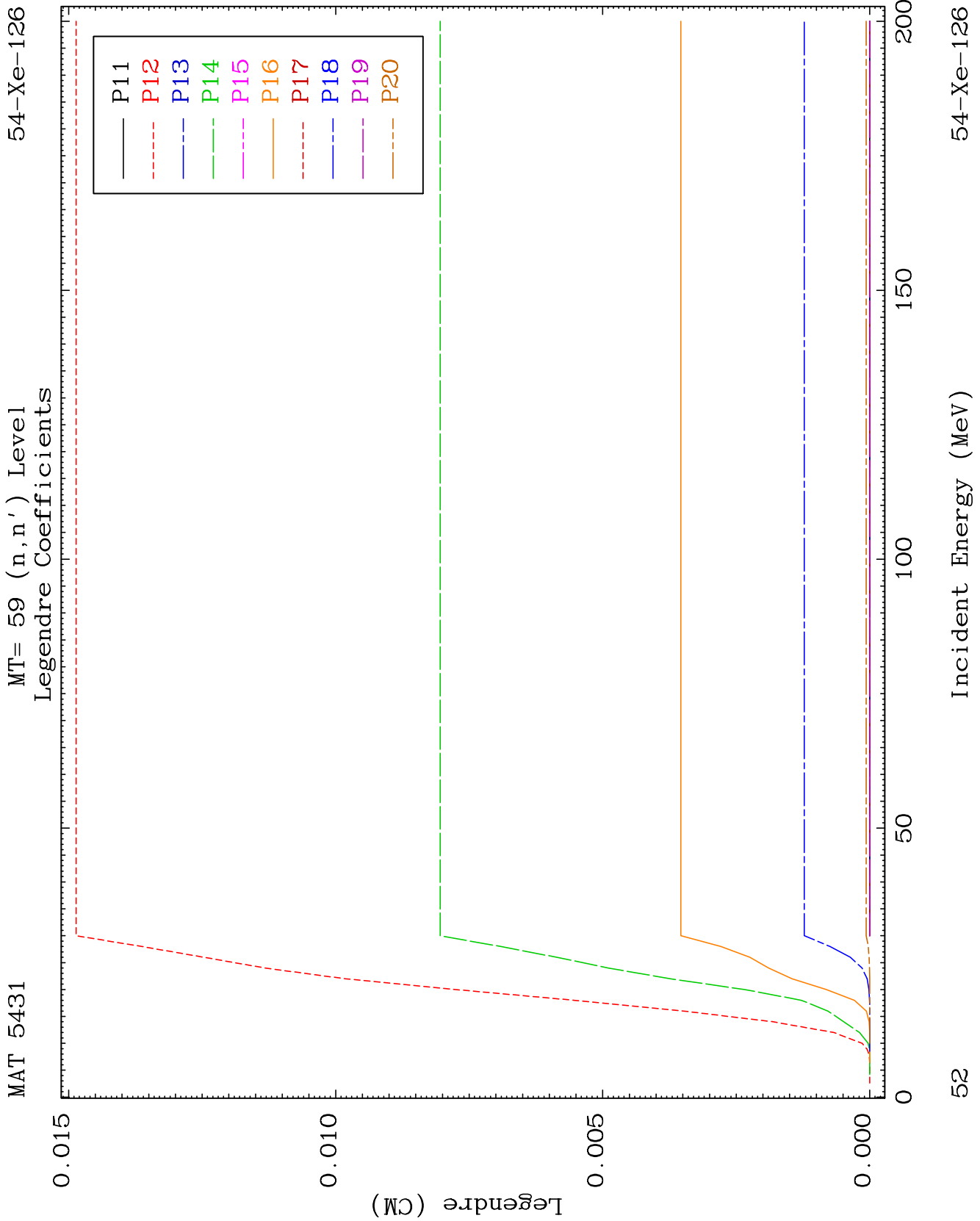
MAT 5431

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

54-Xe-126



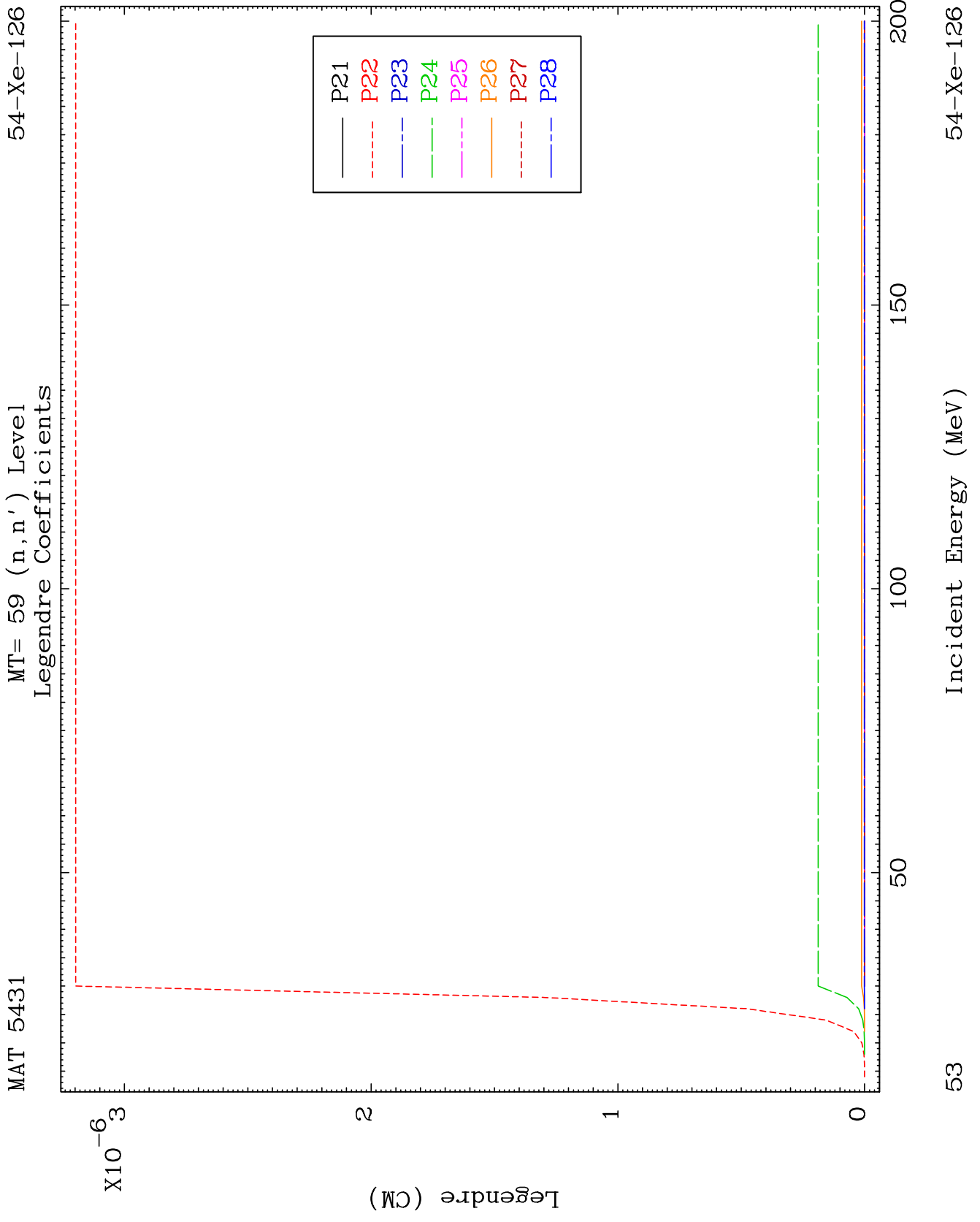




54-Xe-126

Incident Energy (MeV)

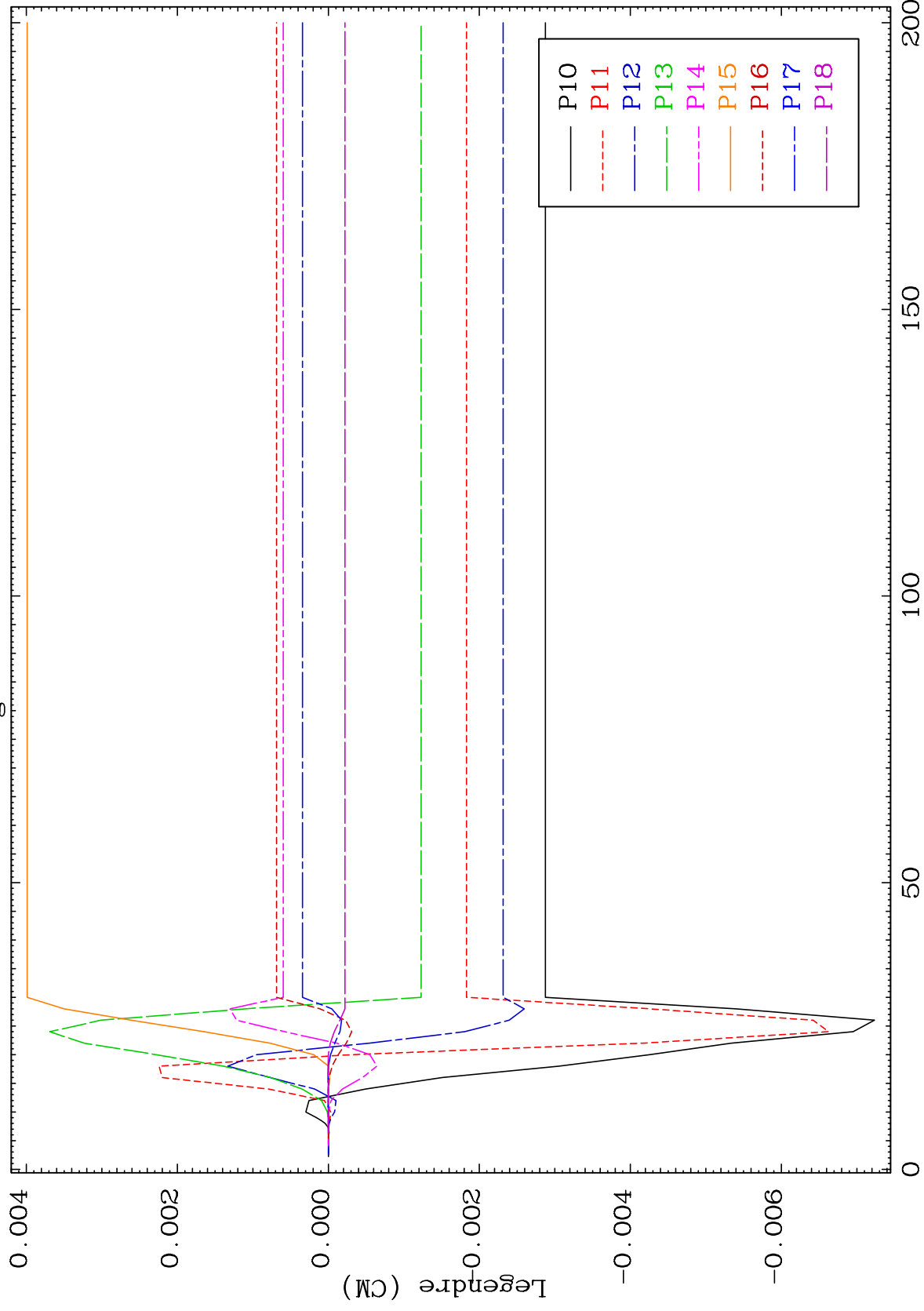
52



MAT 5431

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

54-Xe-126



55

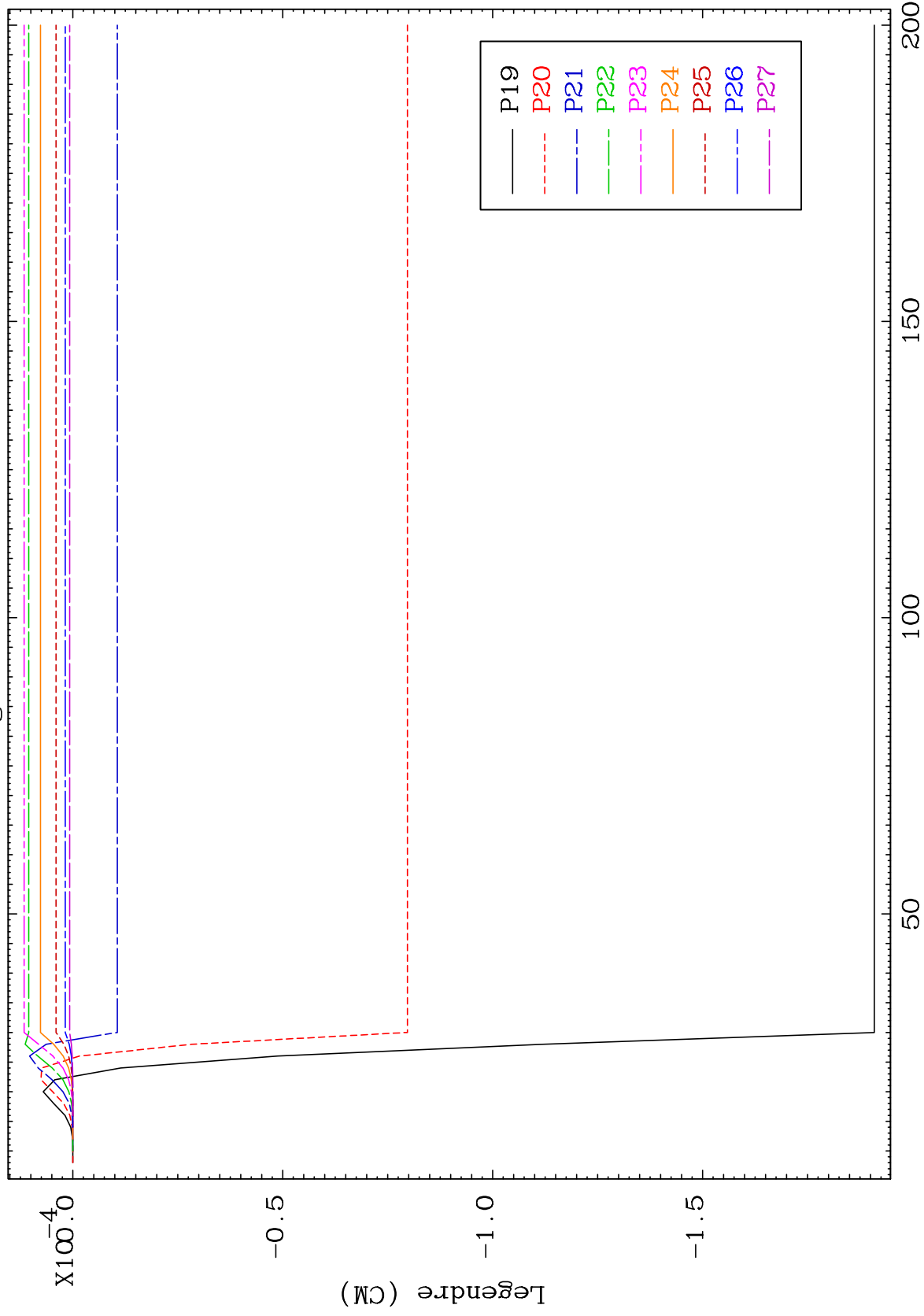
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

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



56

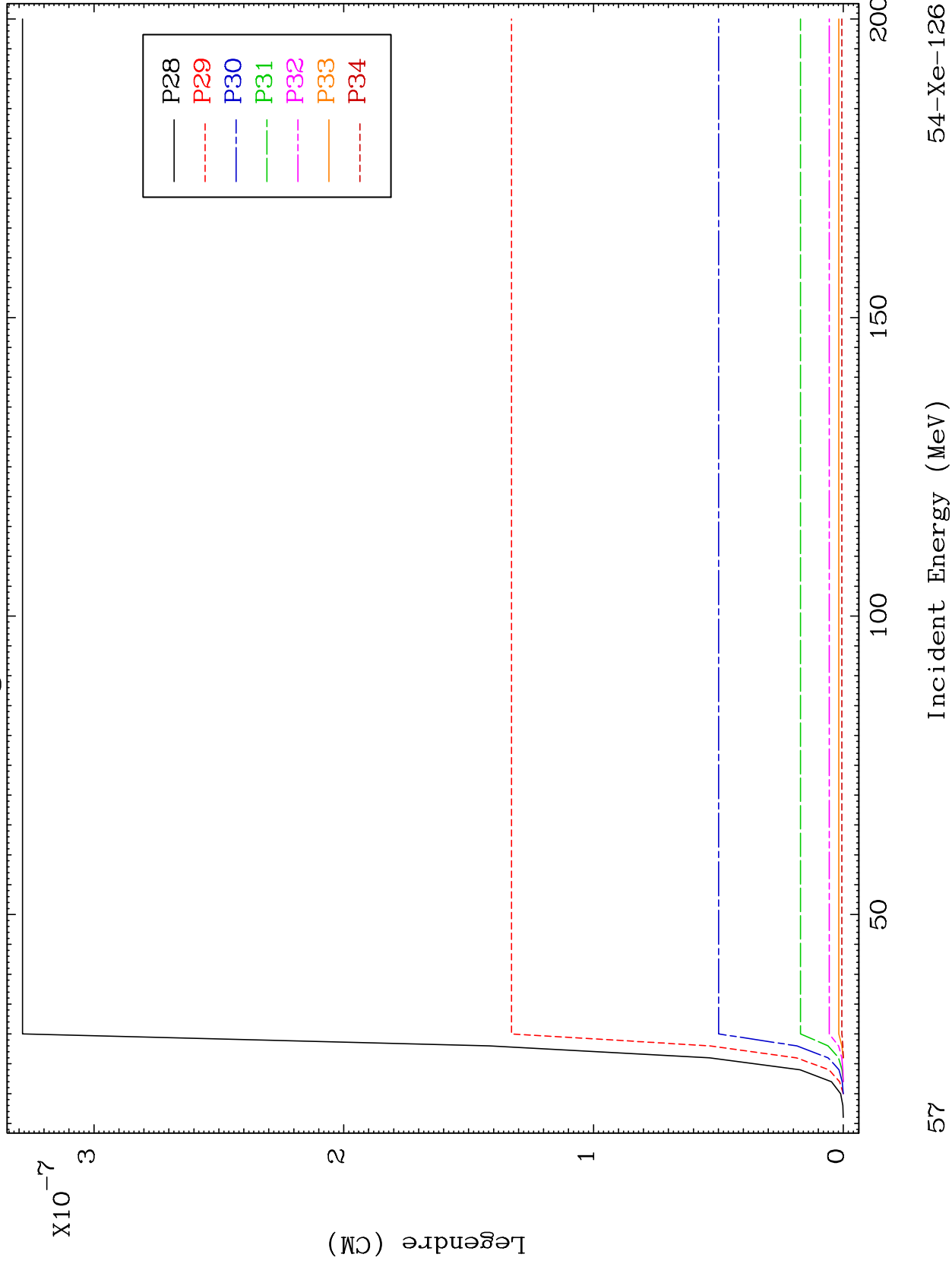
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

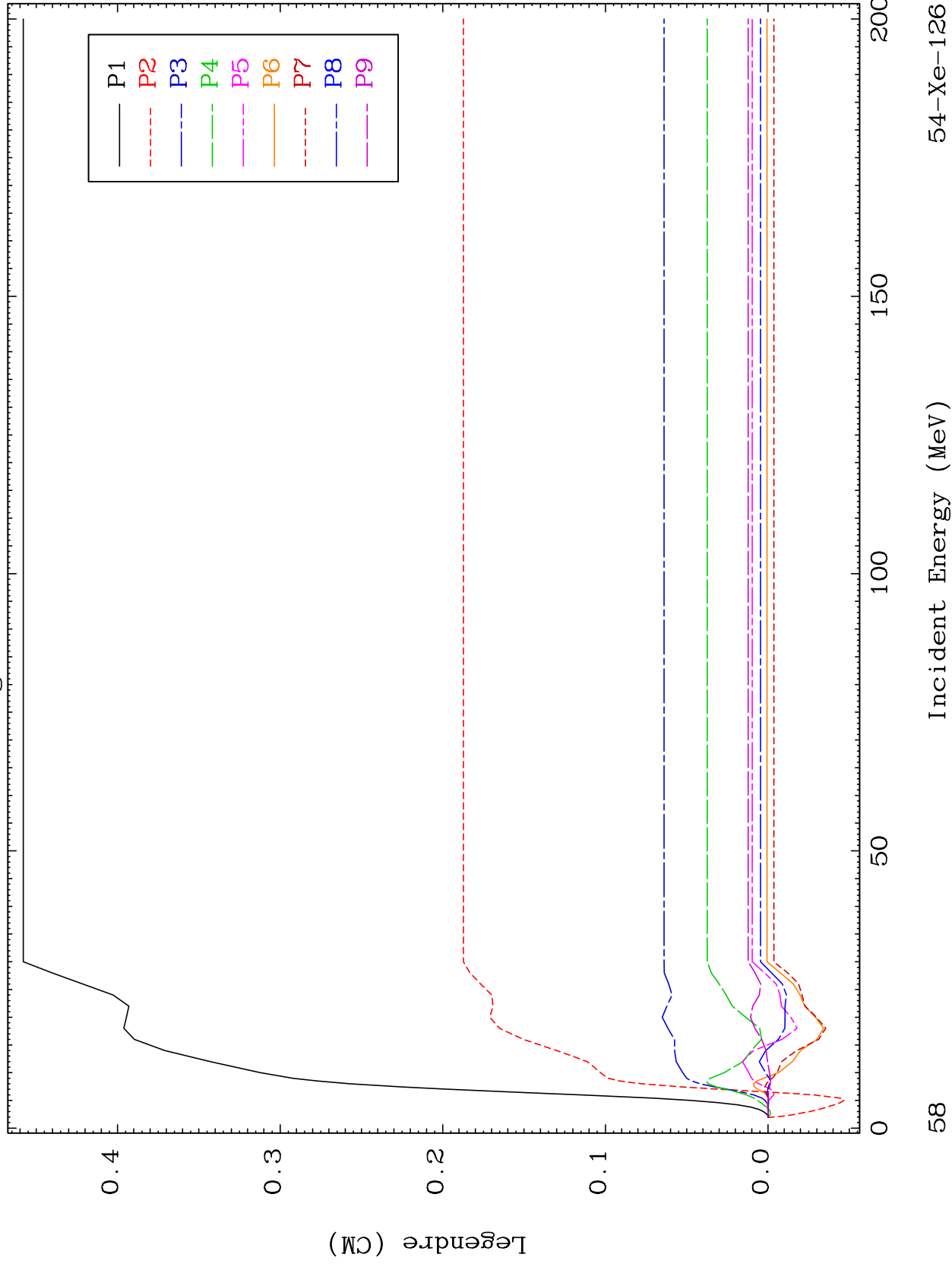
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

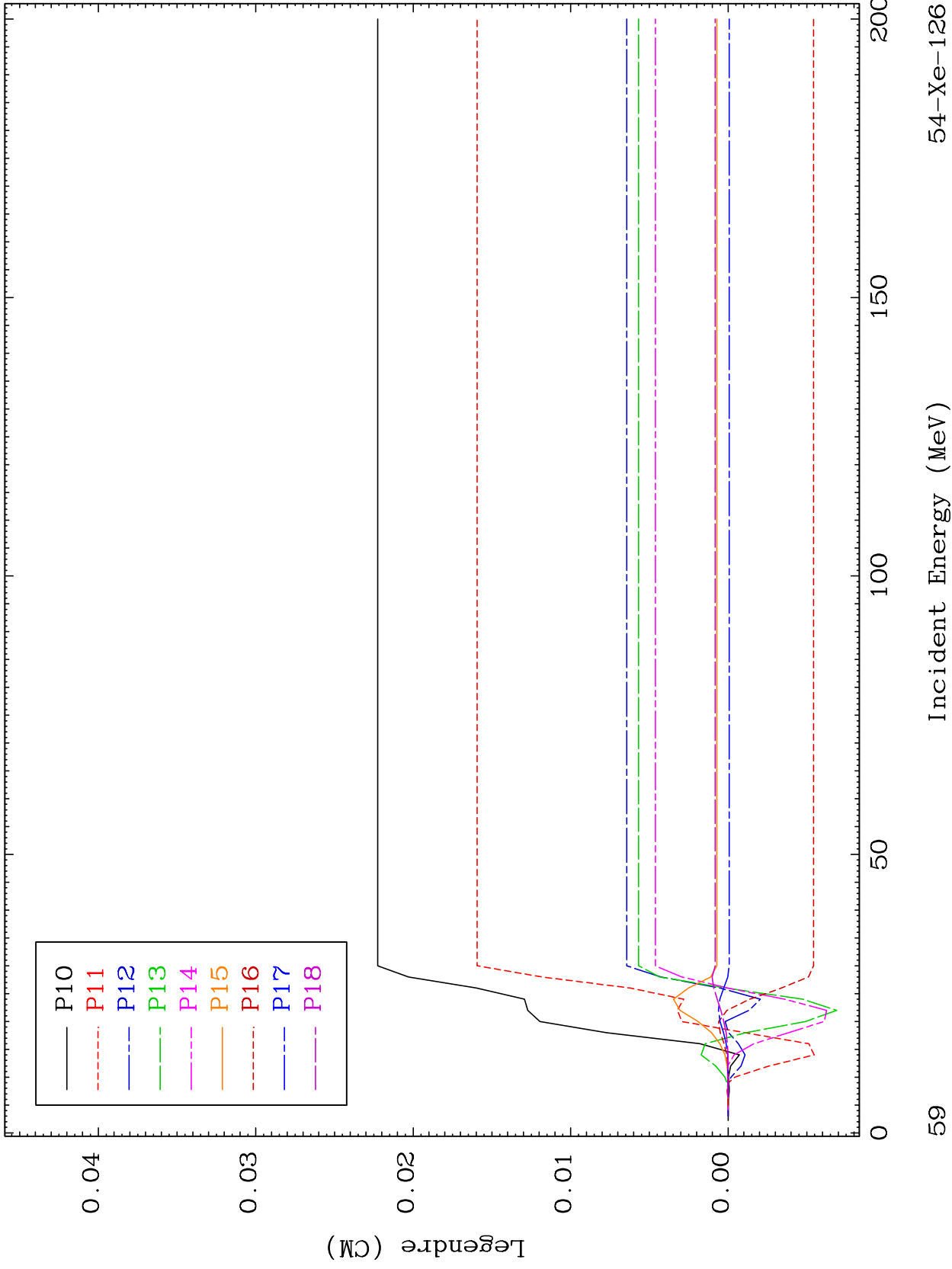
Incident Energy (MeV)

58

MAT 5431

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

54-Xe-126



59

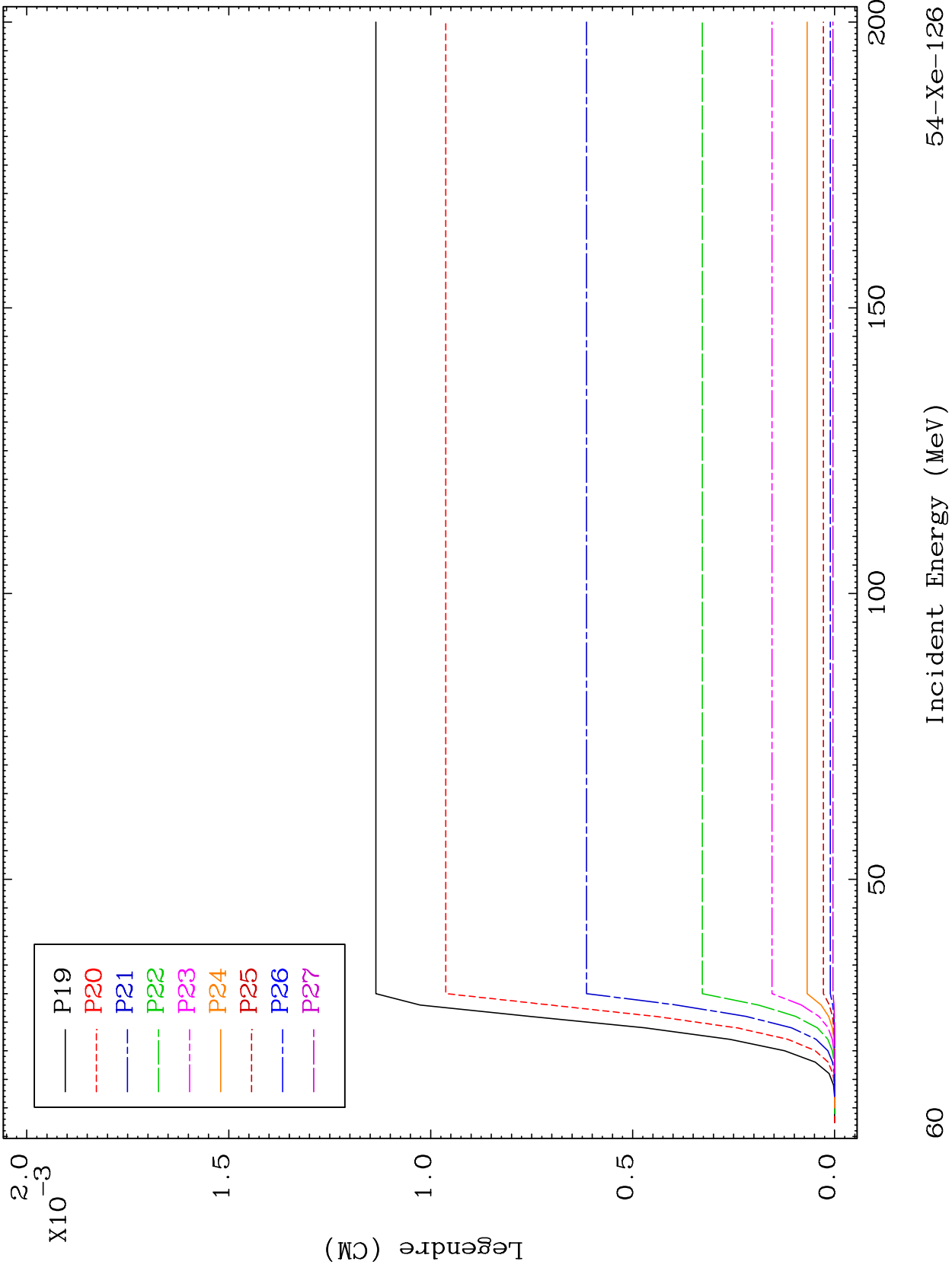
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

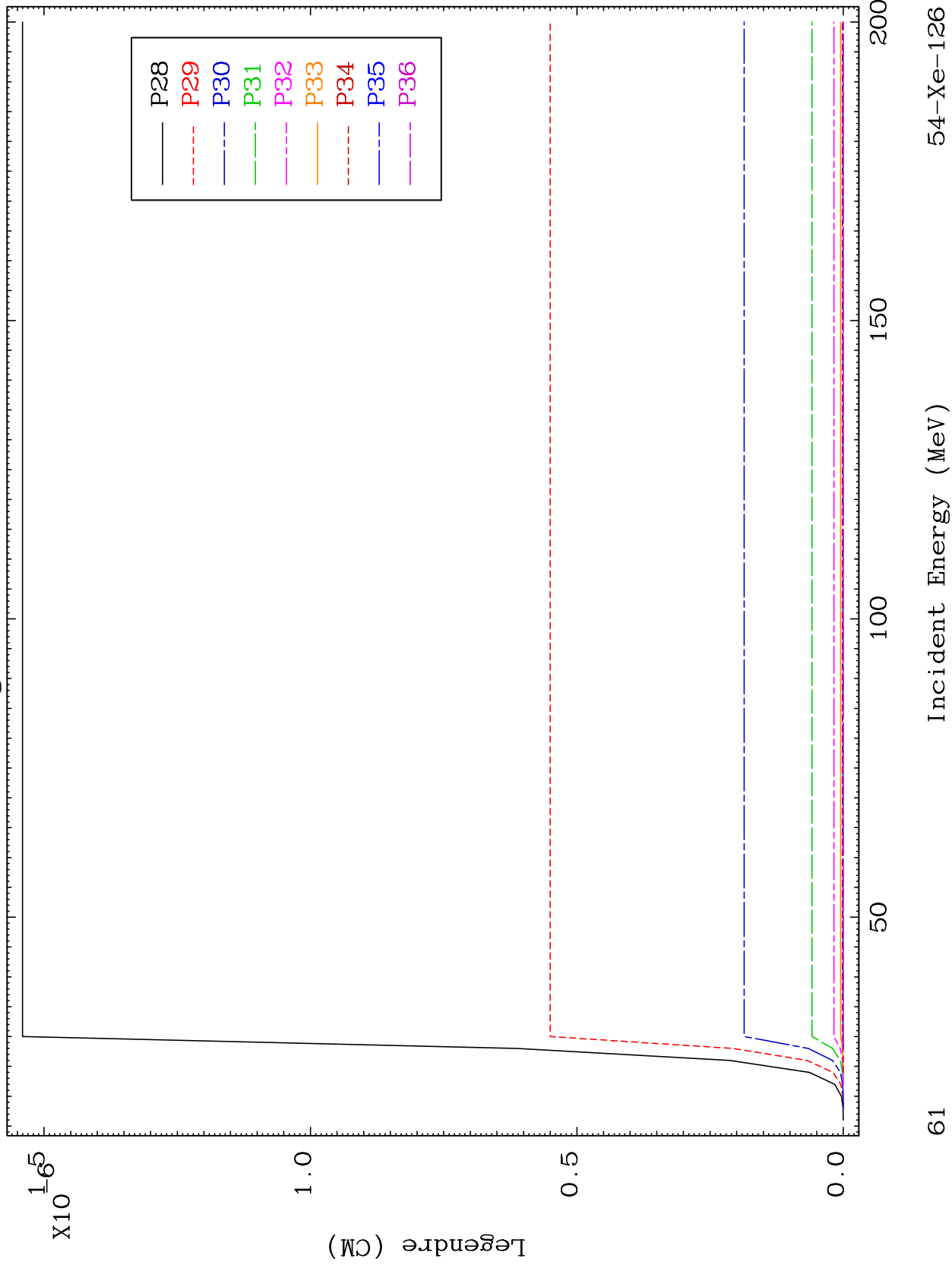
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MAT 5431

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

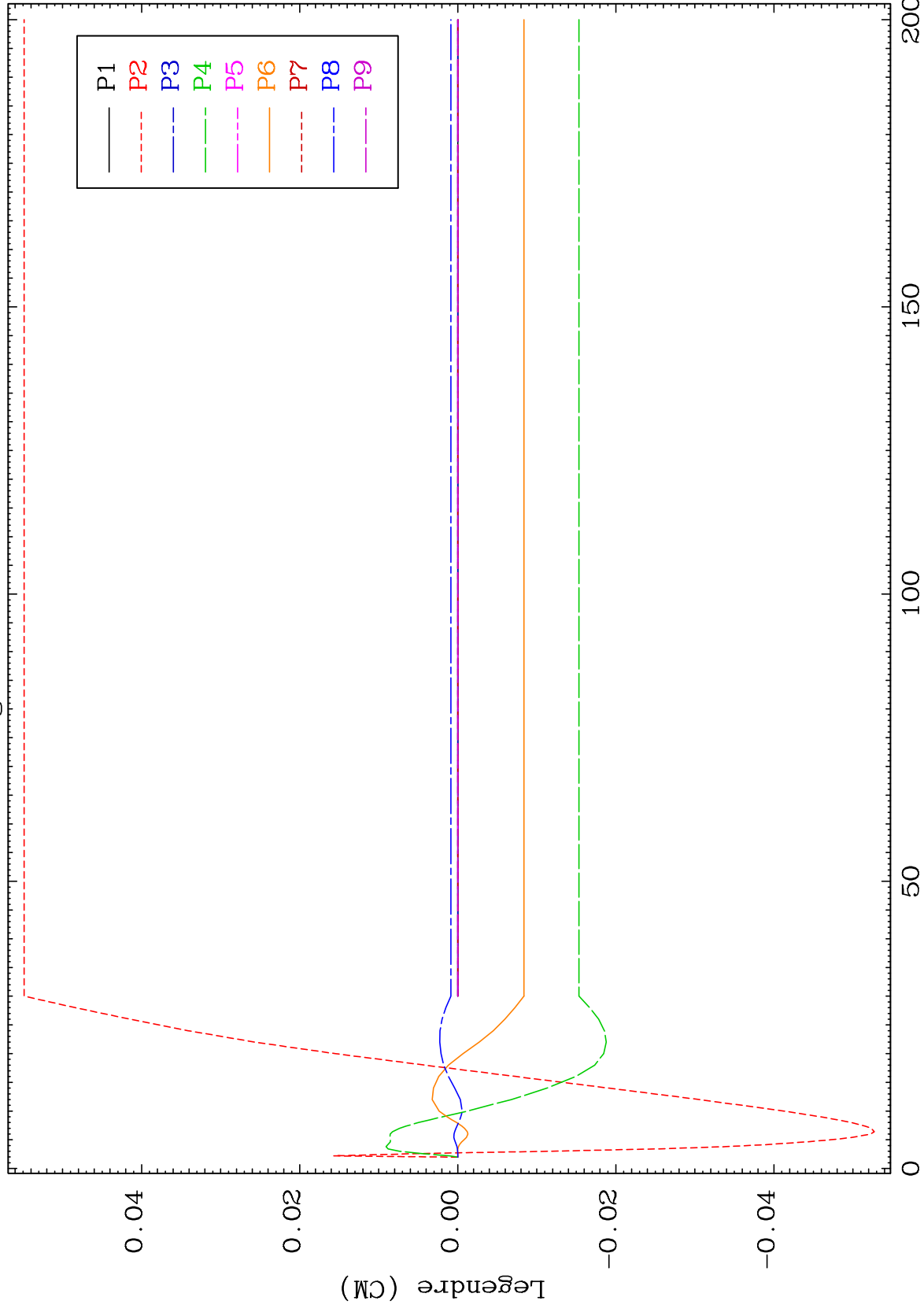
54-Xe-126



MAT 5431

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

54-Xe-126



62

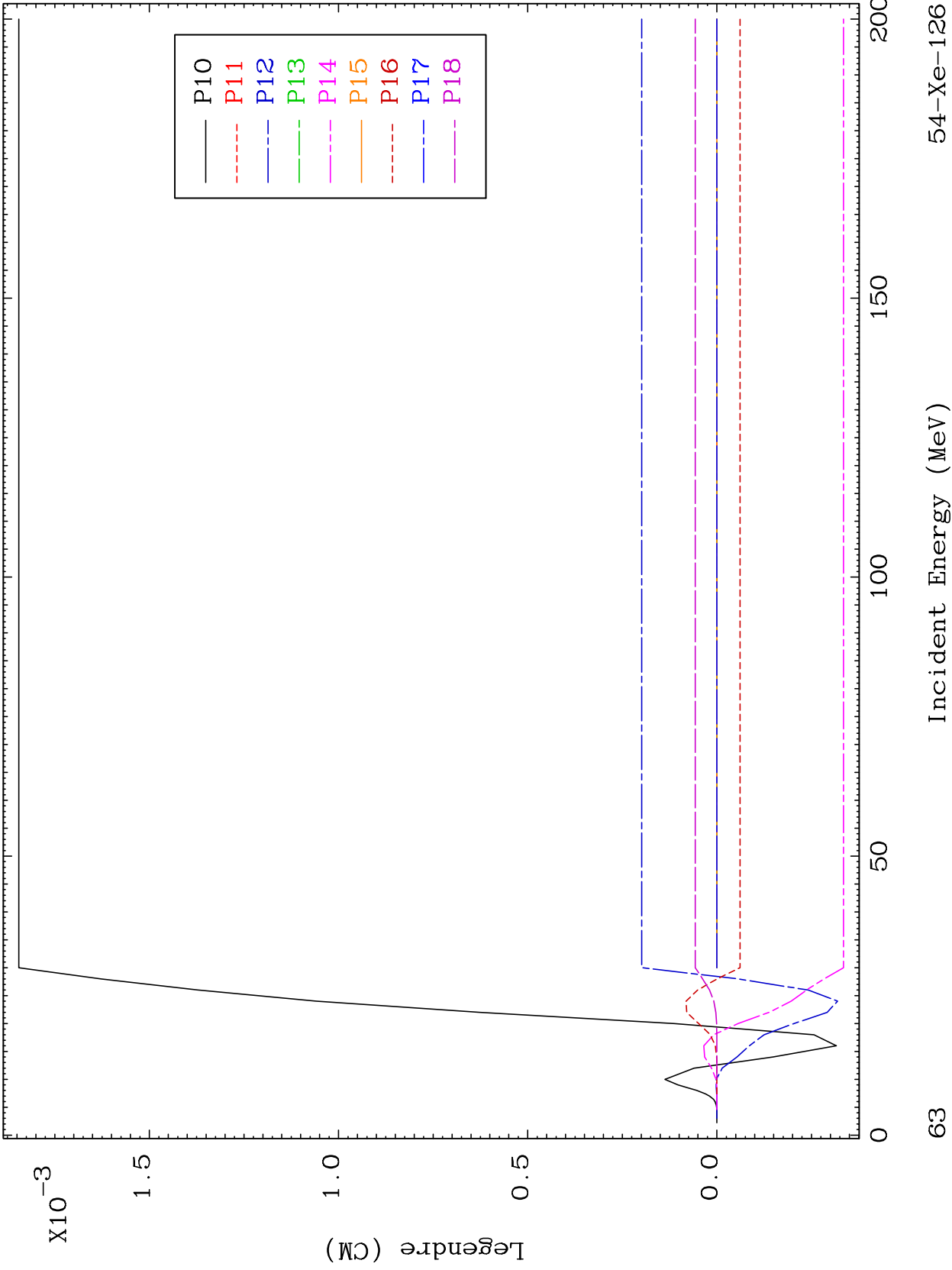
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

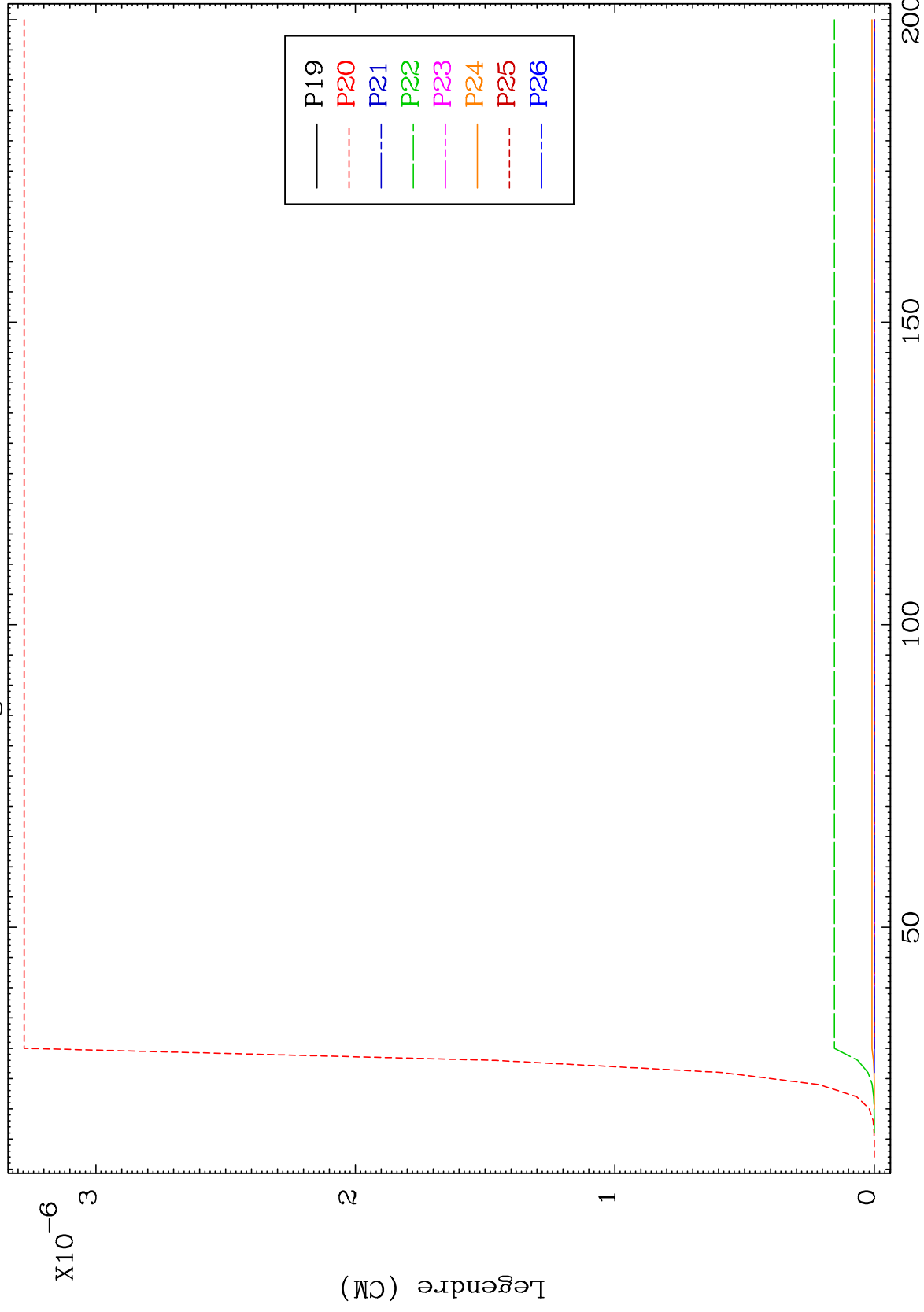
54-Xe-126



MAT 5431

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

54-Xe-126



64

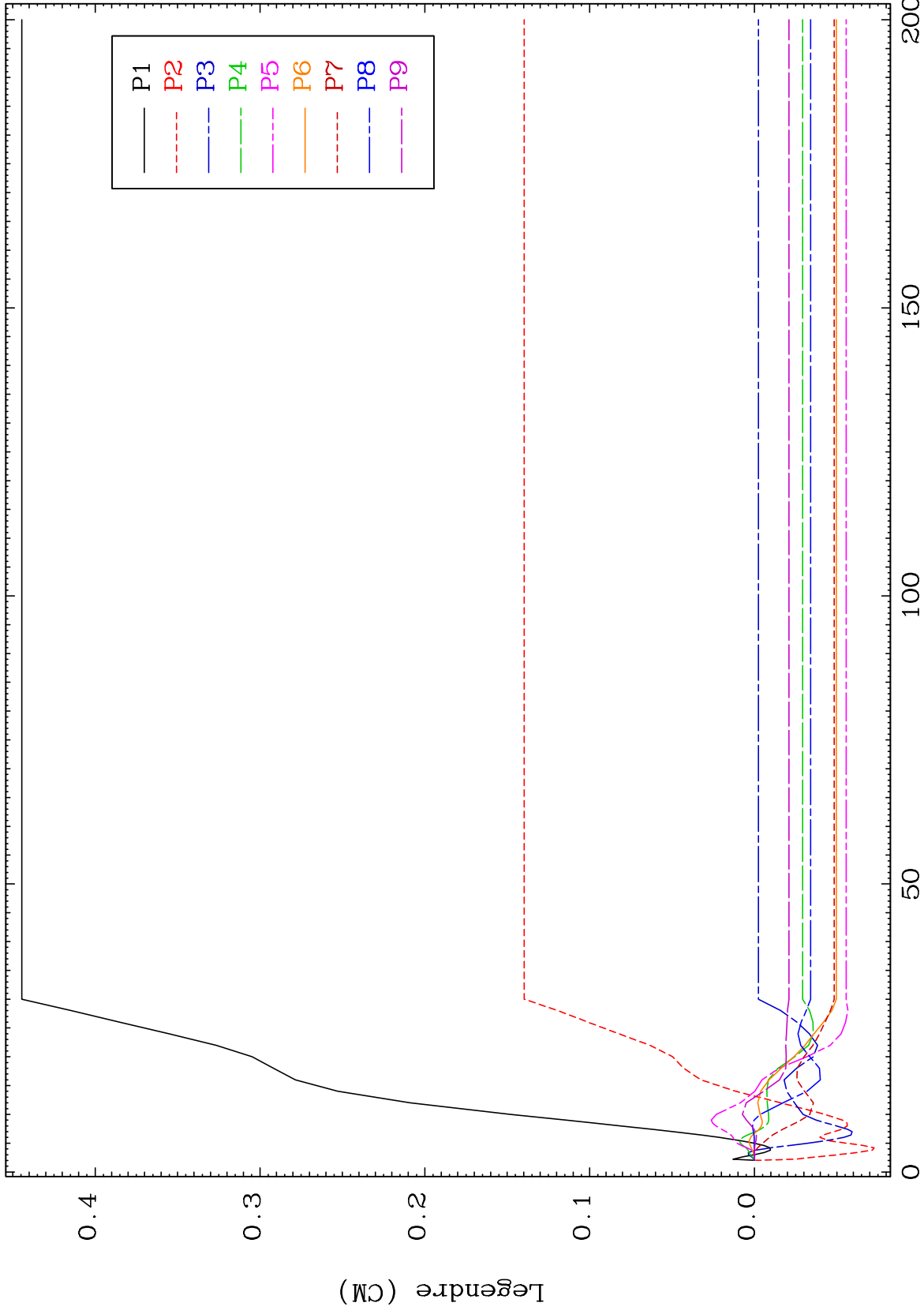
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

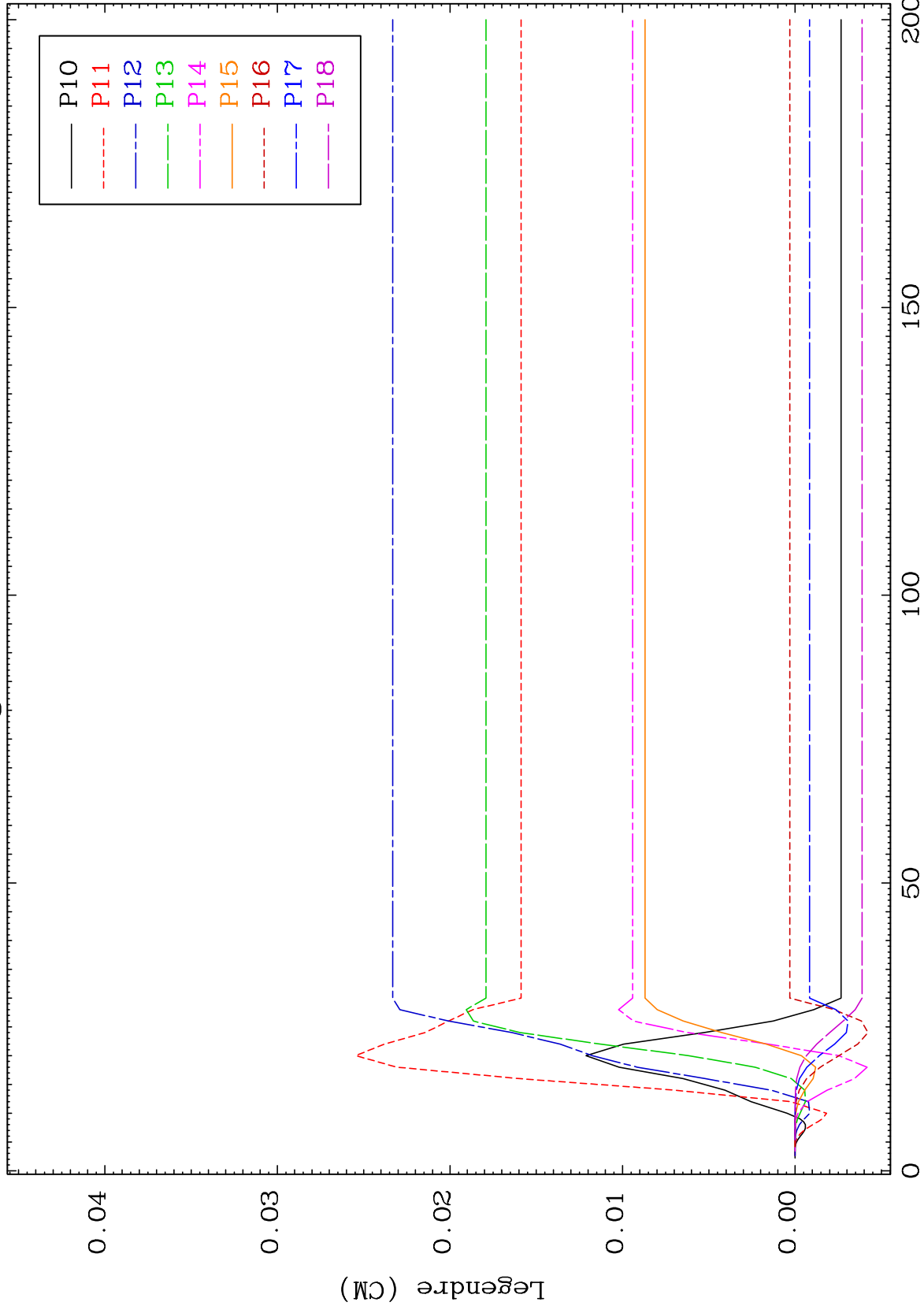
Incident Energy (MeV)

65

MAT 5431

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

54-Xe-126



66

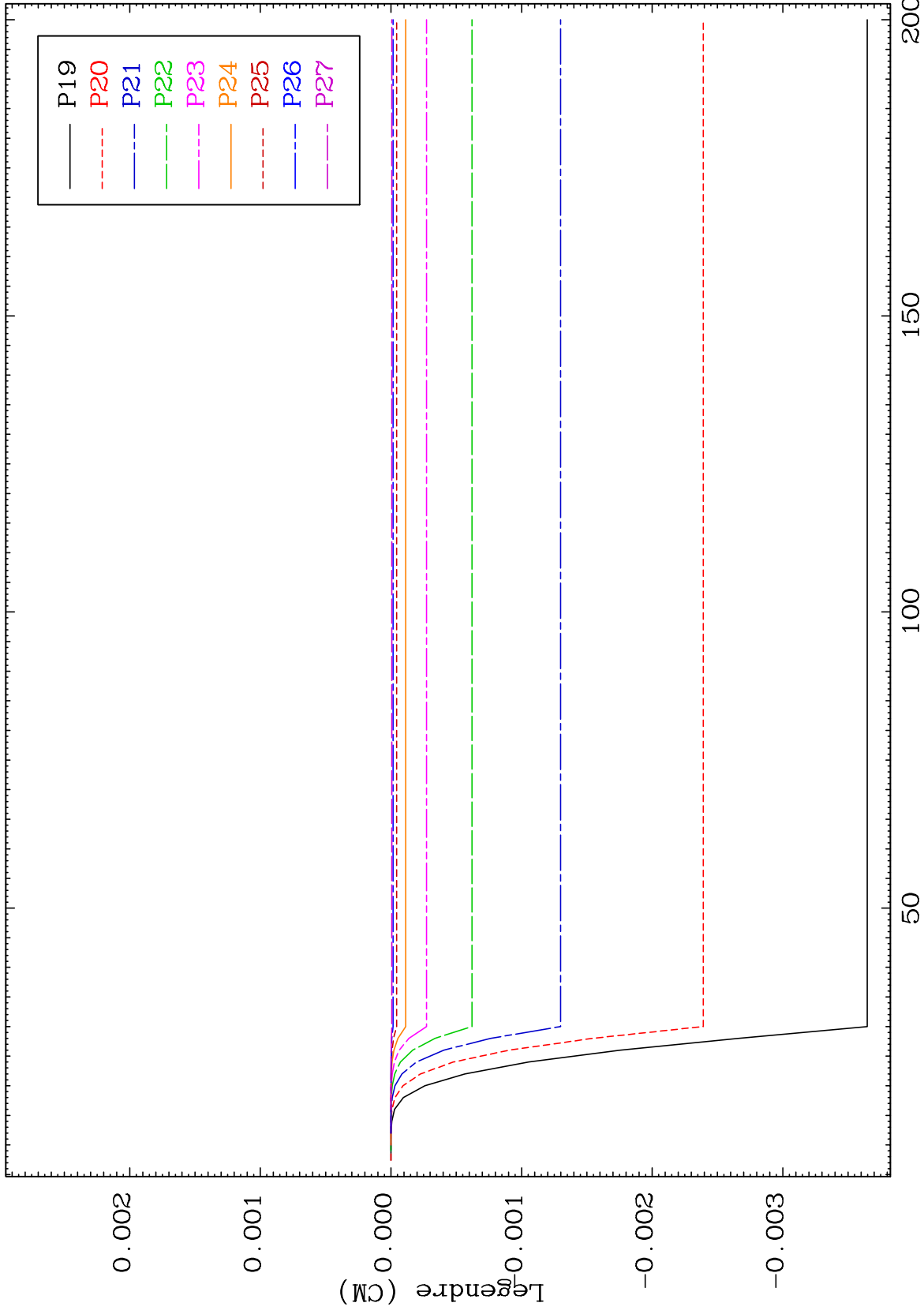
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



67

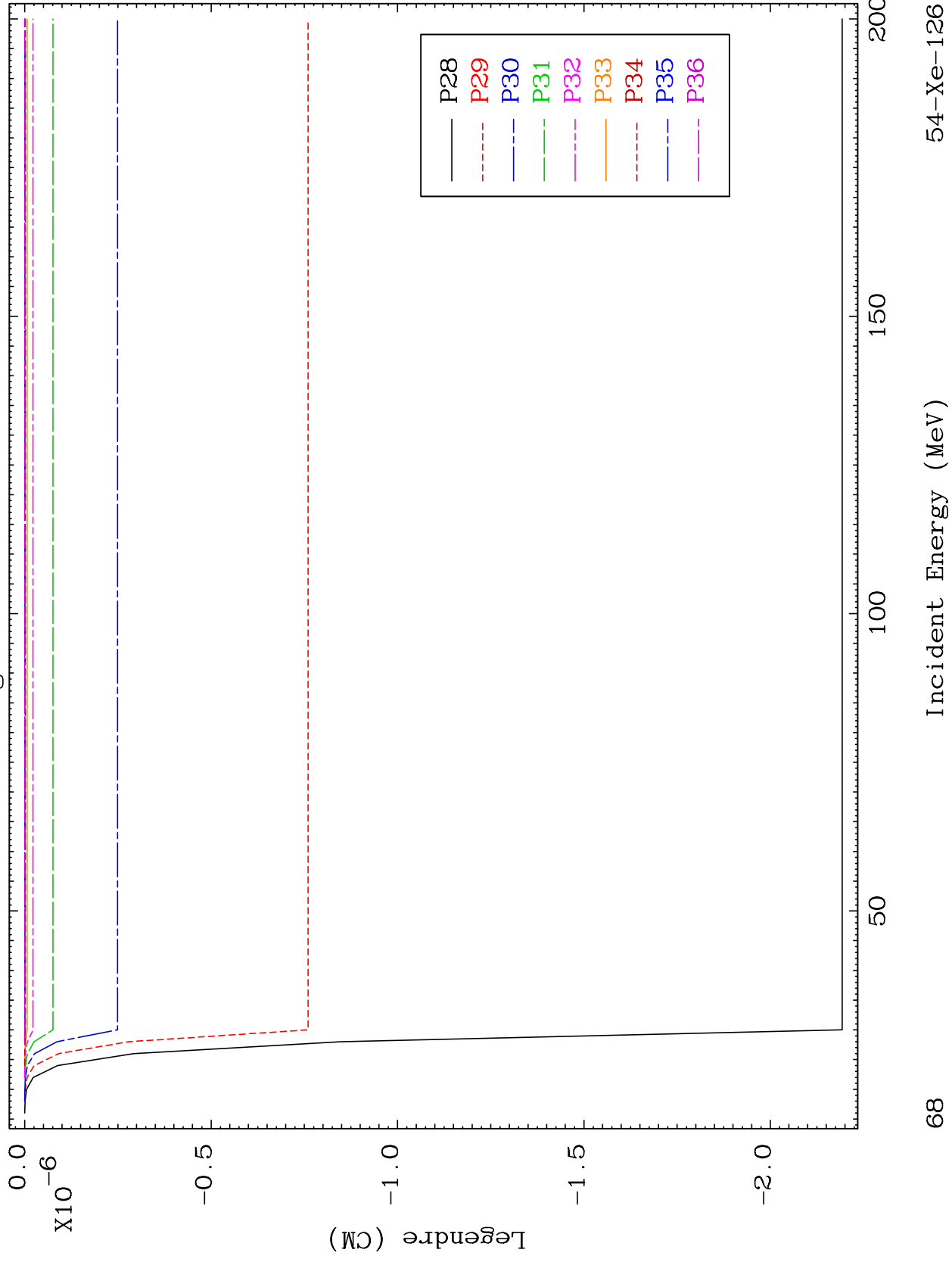
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

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



68

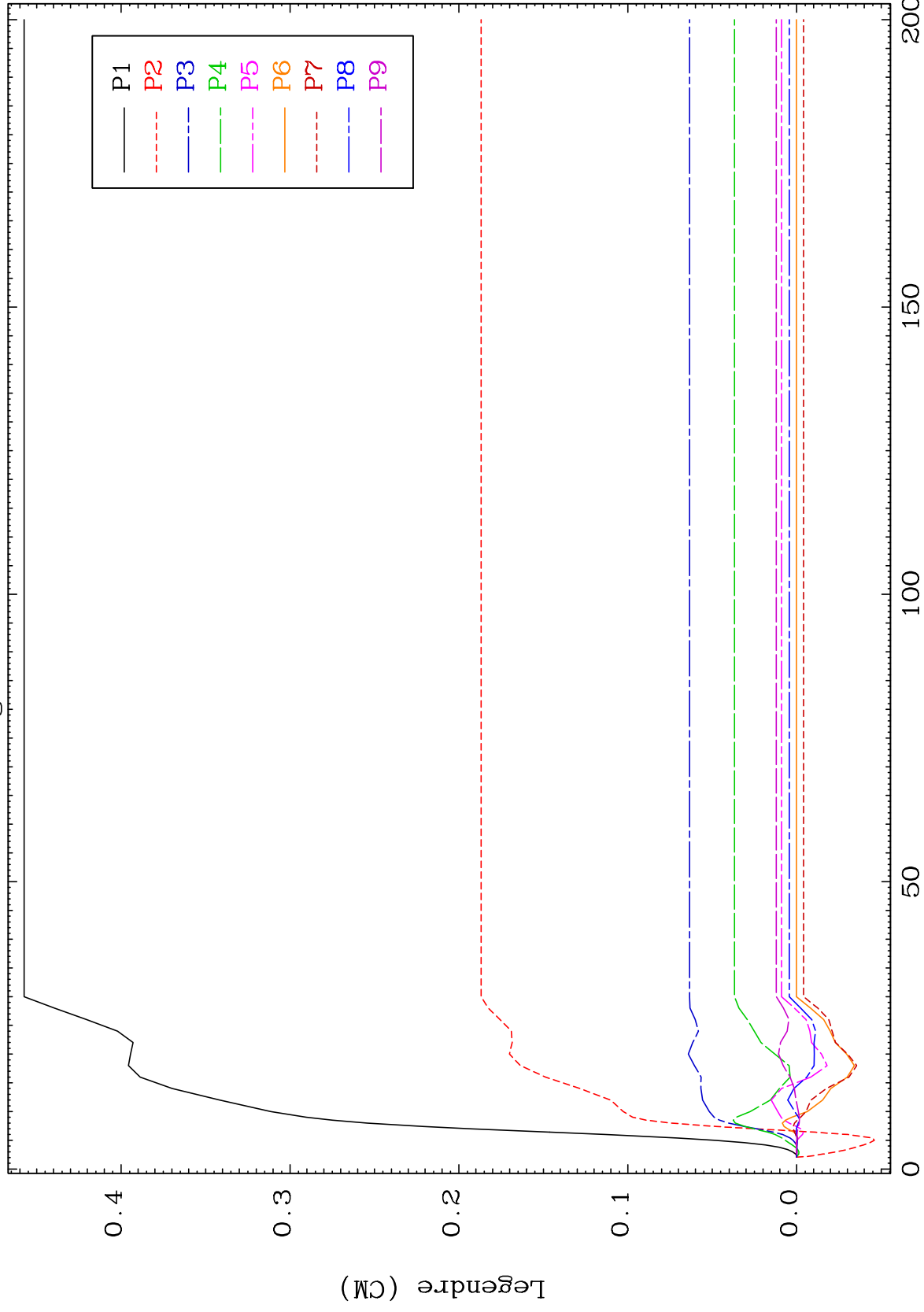
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



69

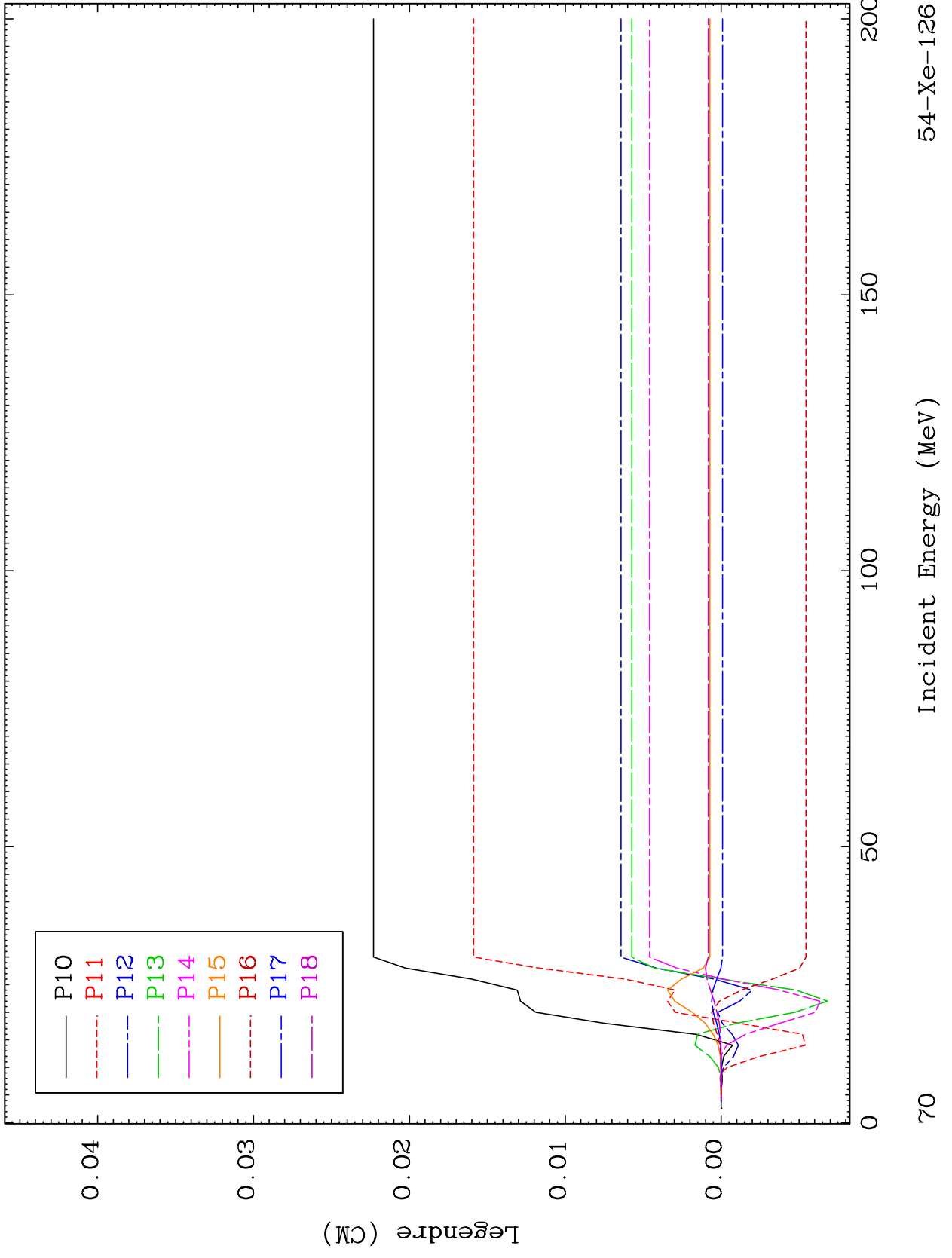
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



70

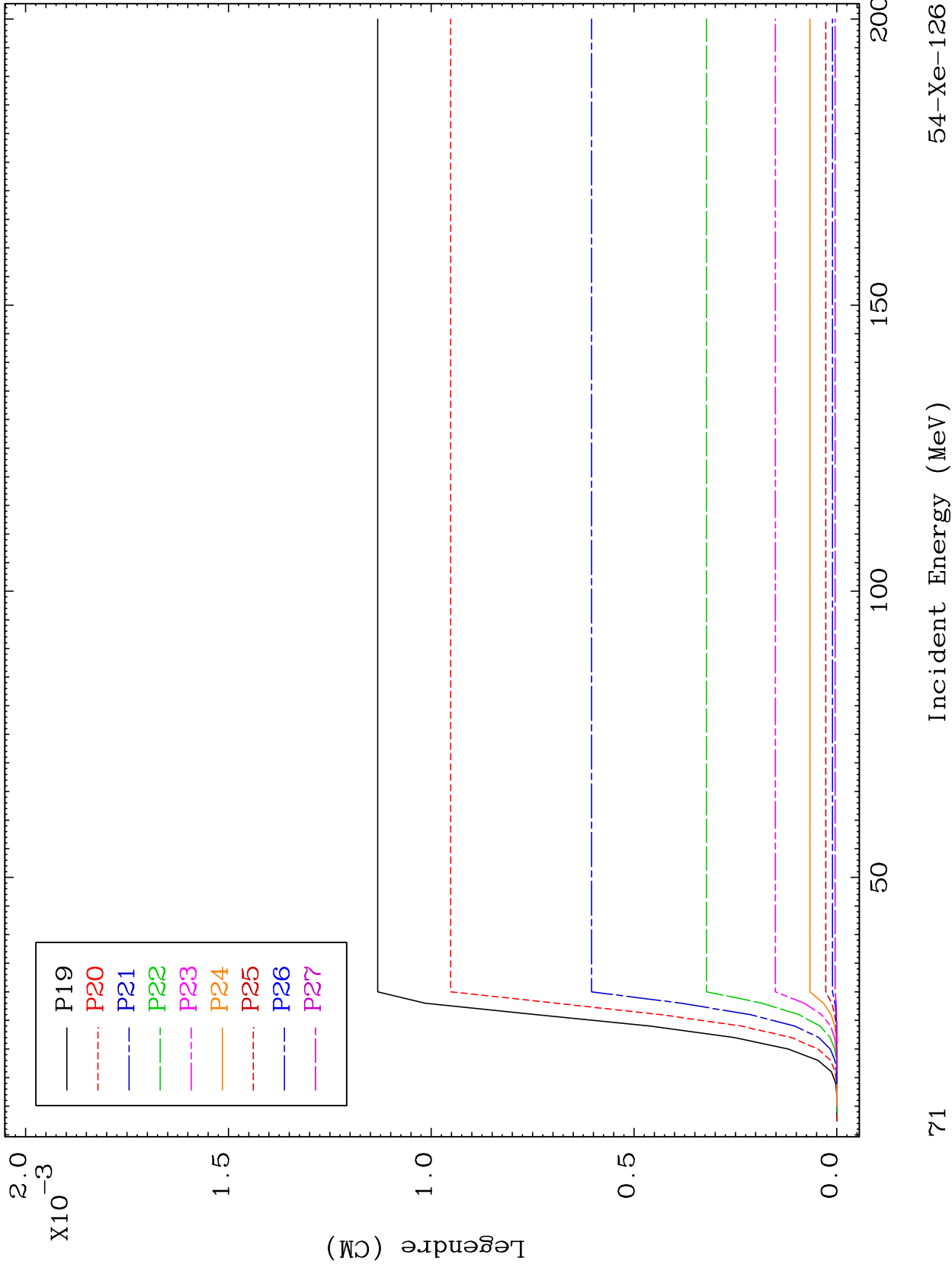
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

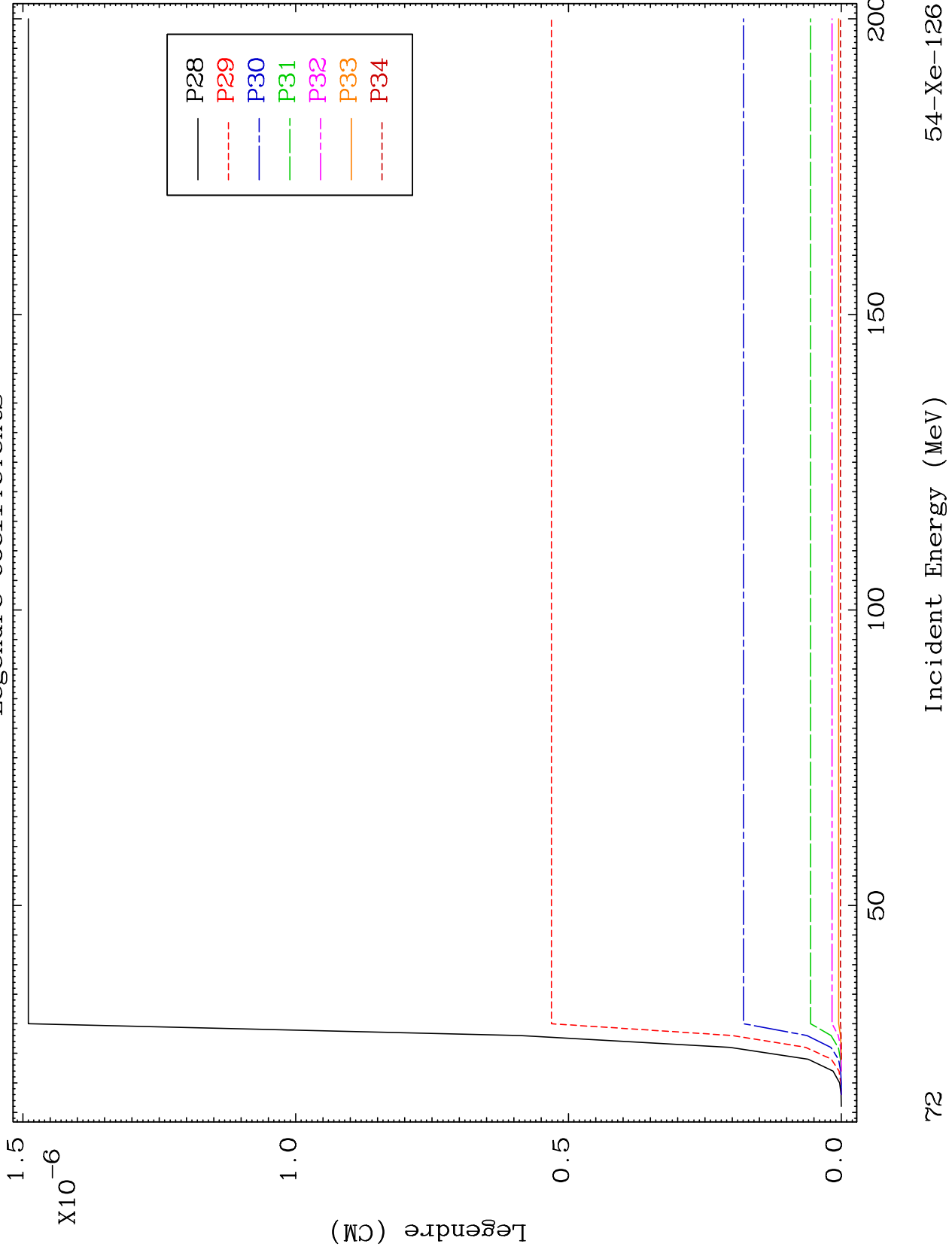
54-Xe-126



MAT 5431

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

54-Xe-126



72

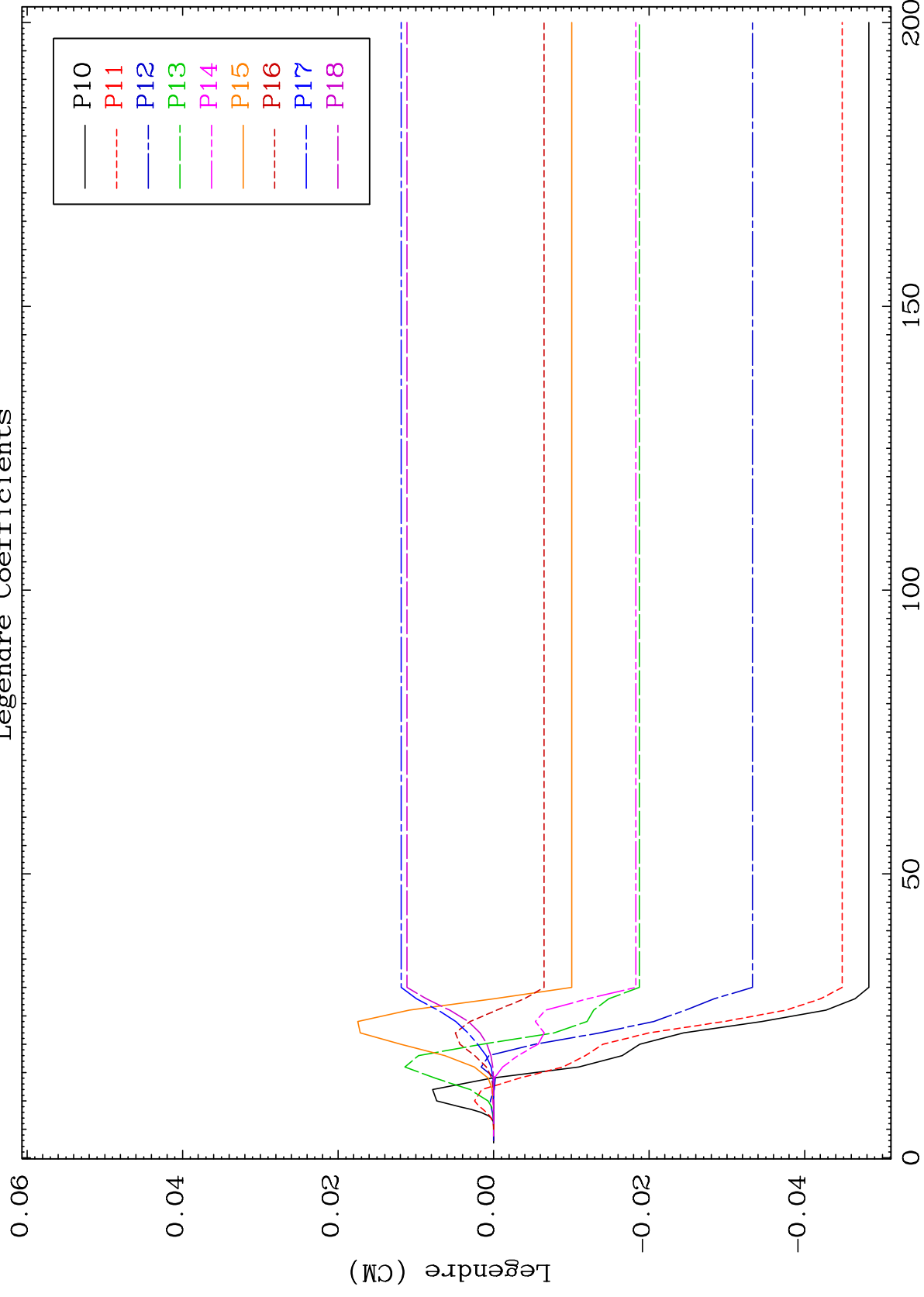
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



74

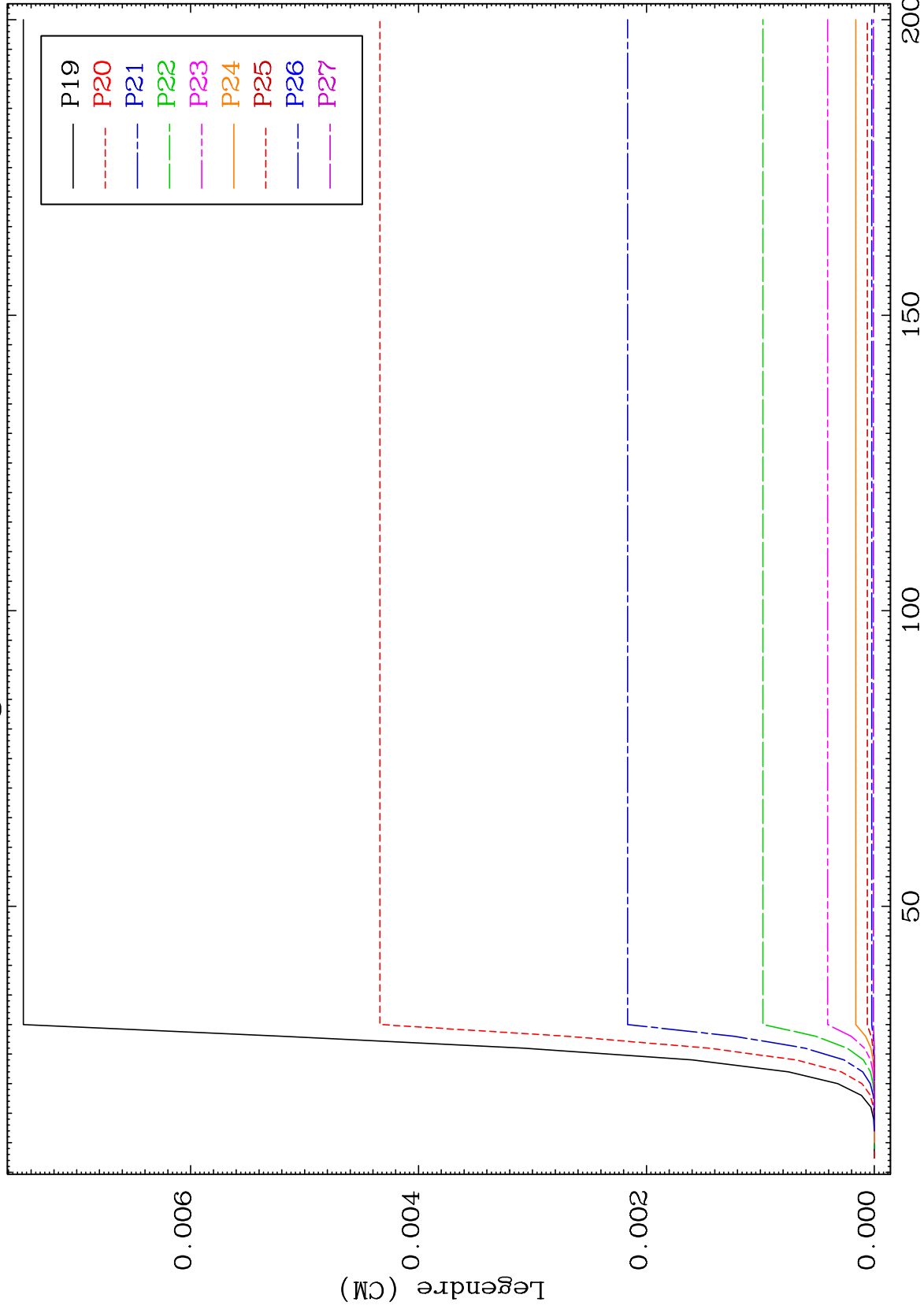
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



75

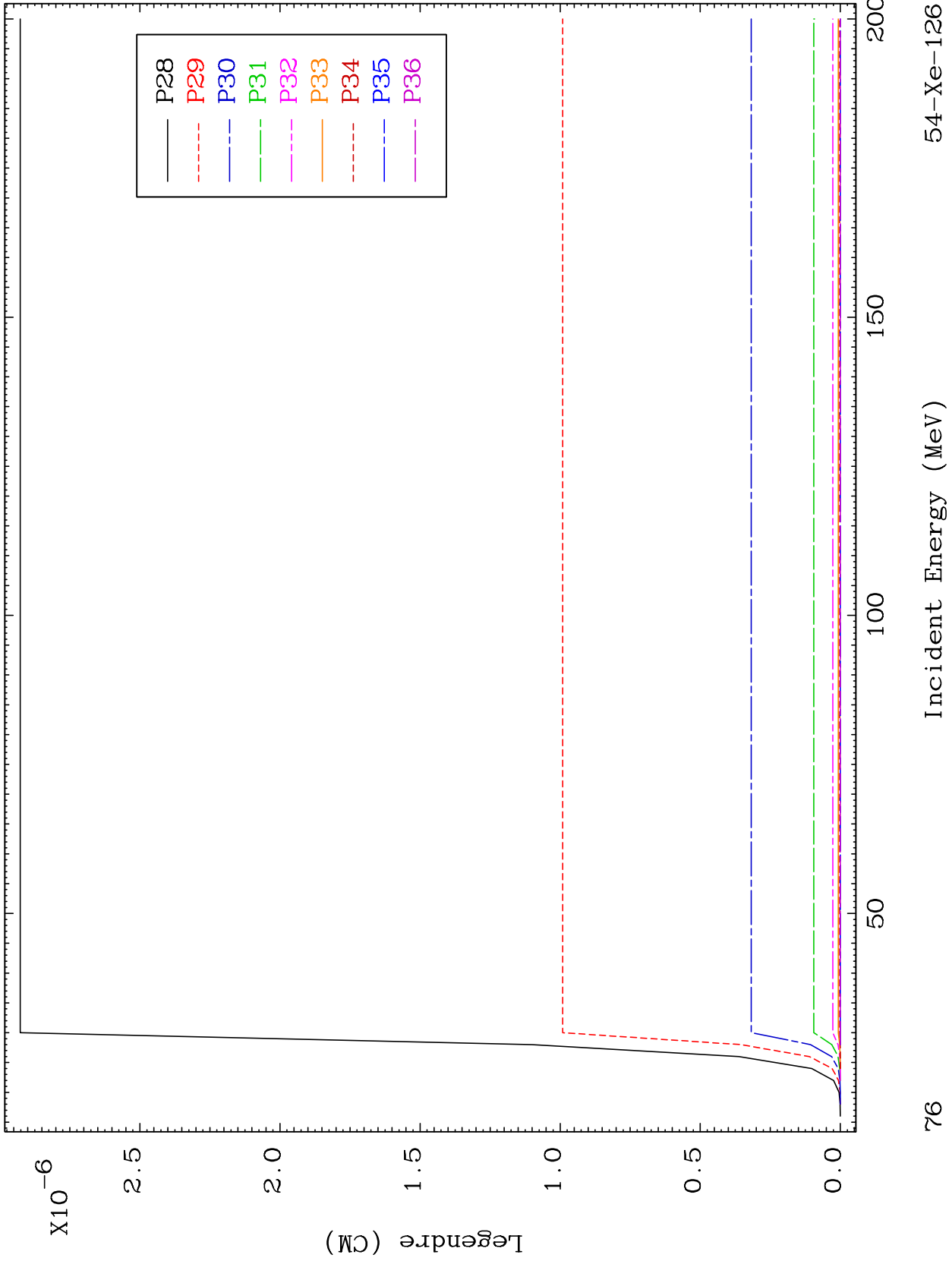
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

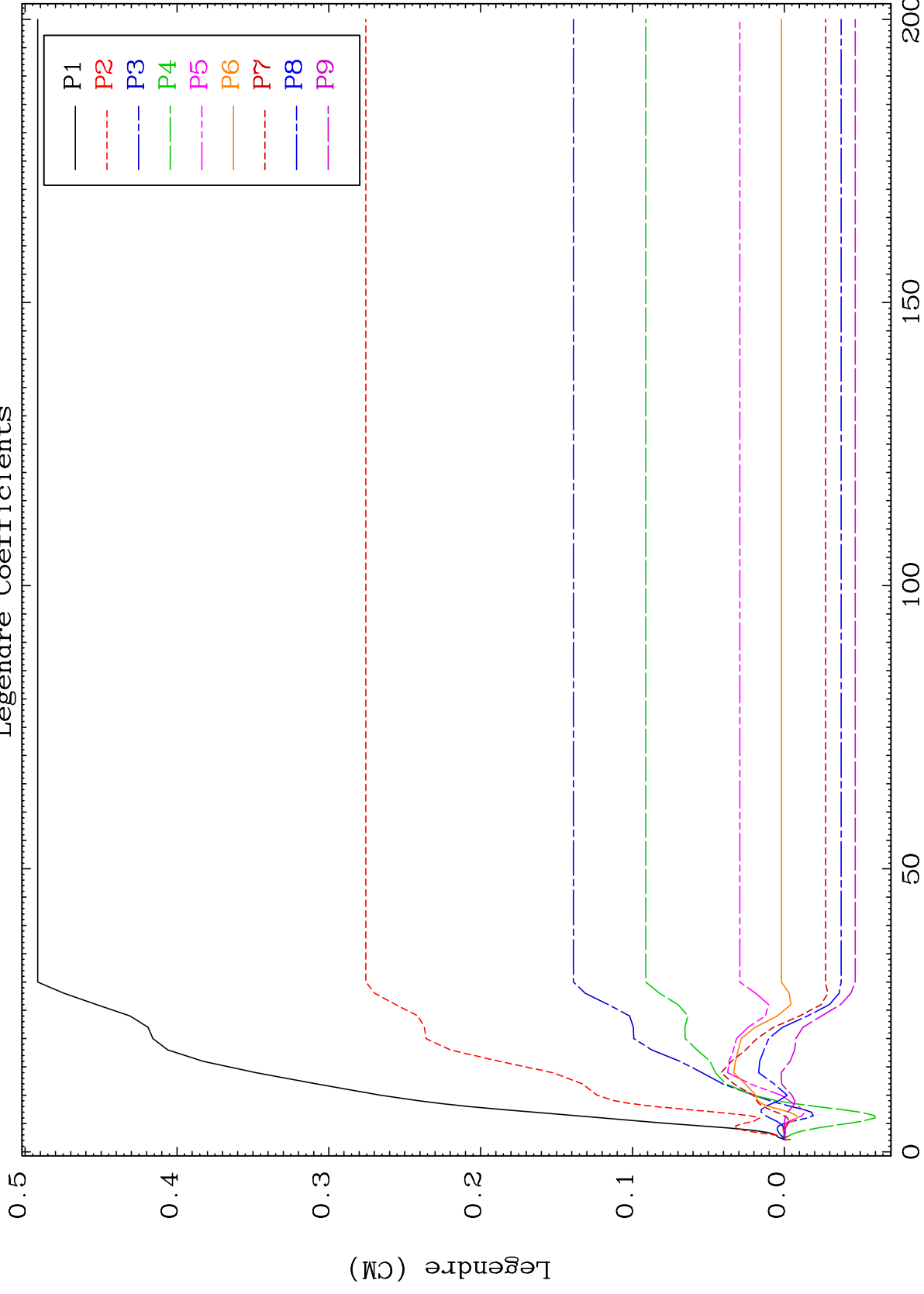
54-Xe-126



MAT 5431

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

54-Xe-126



77

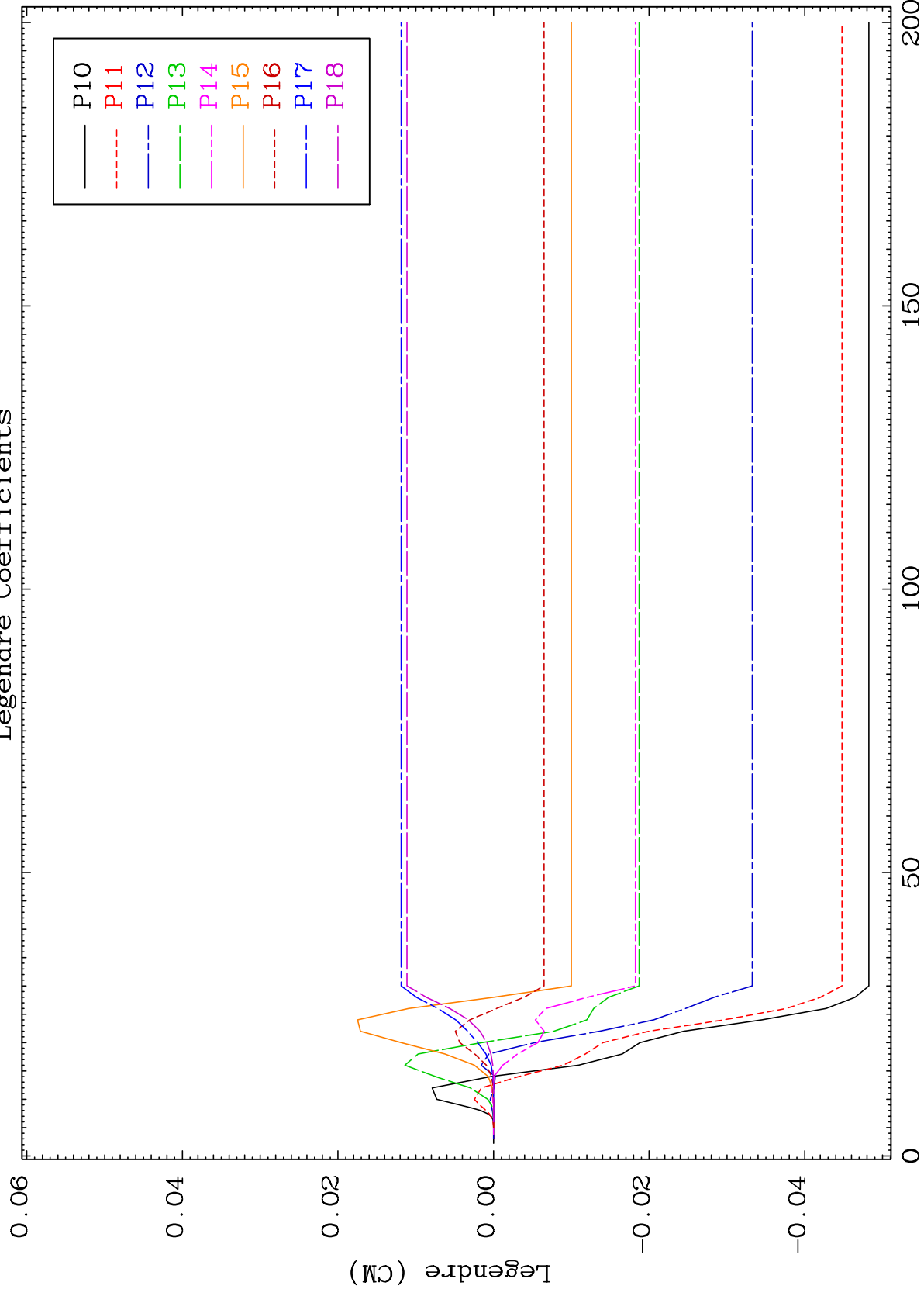
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



78

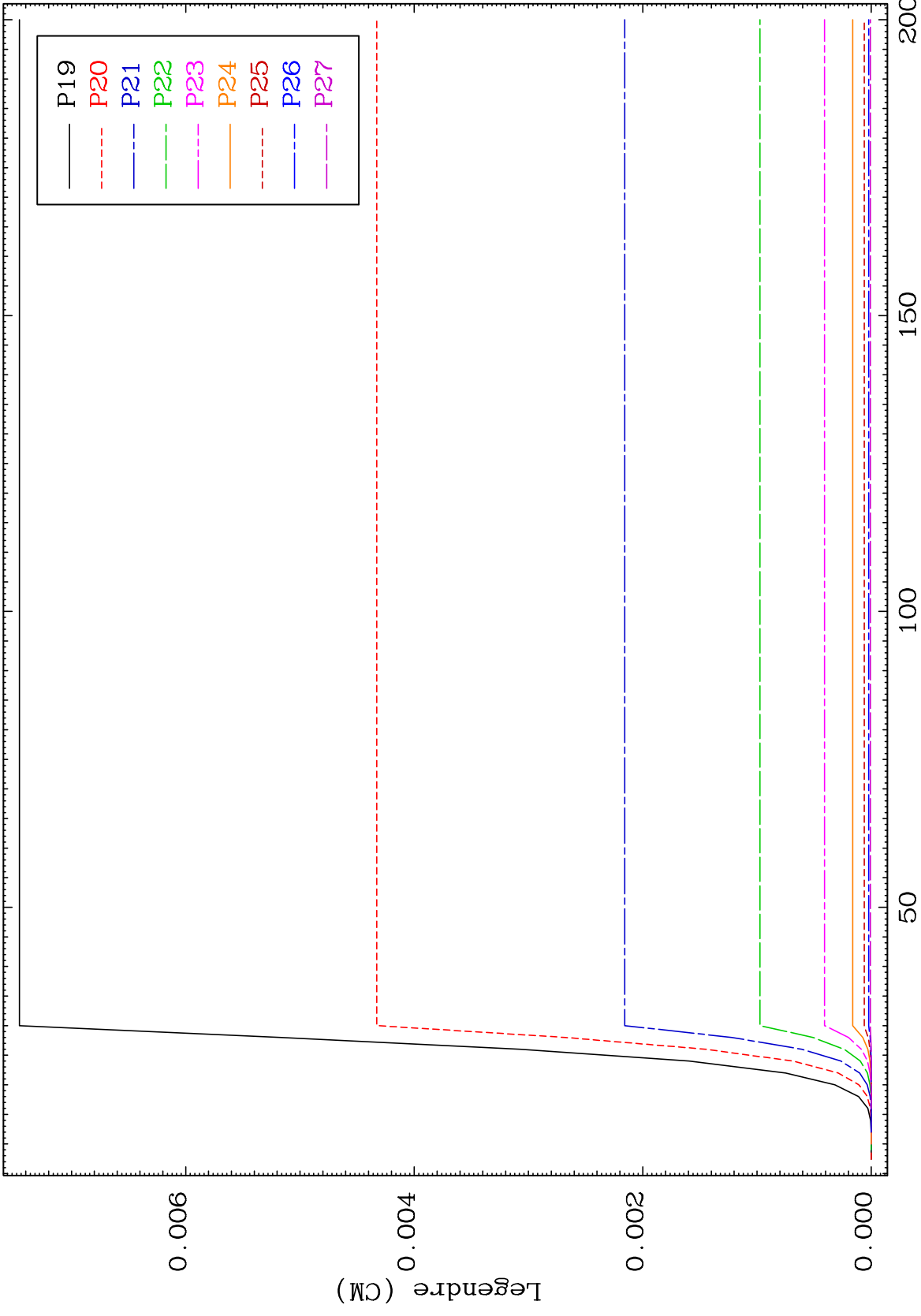
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



79

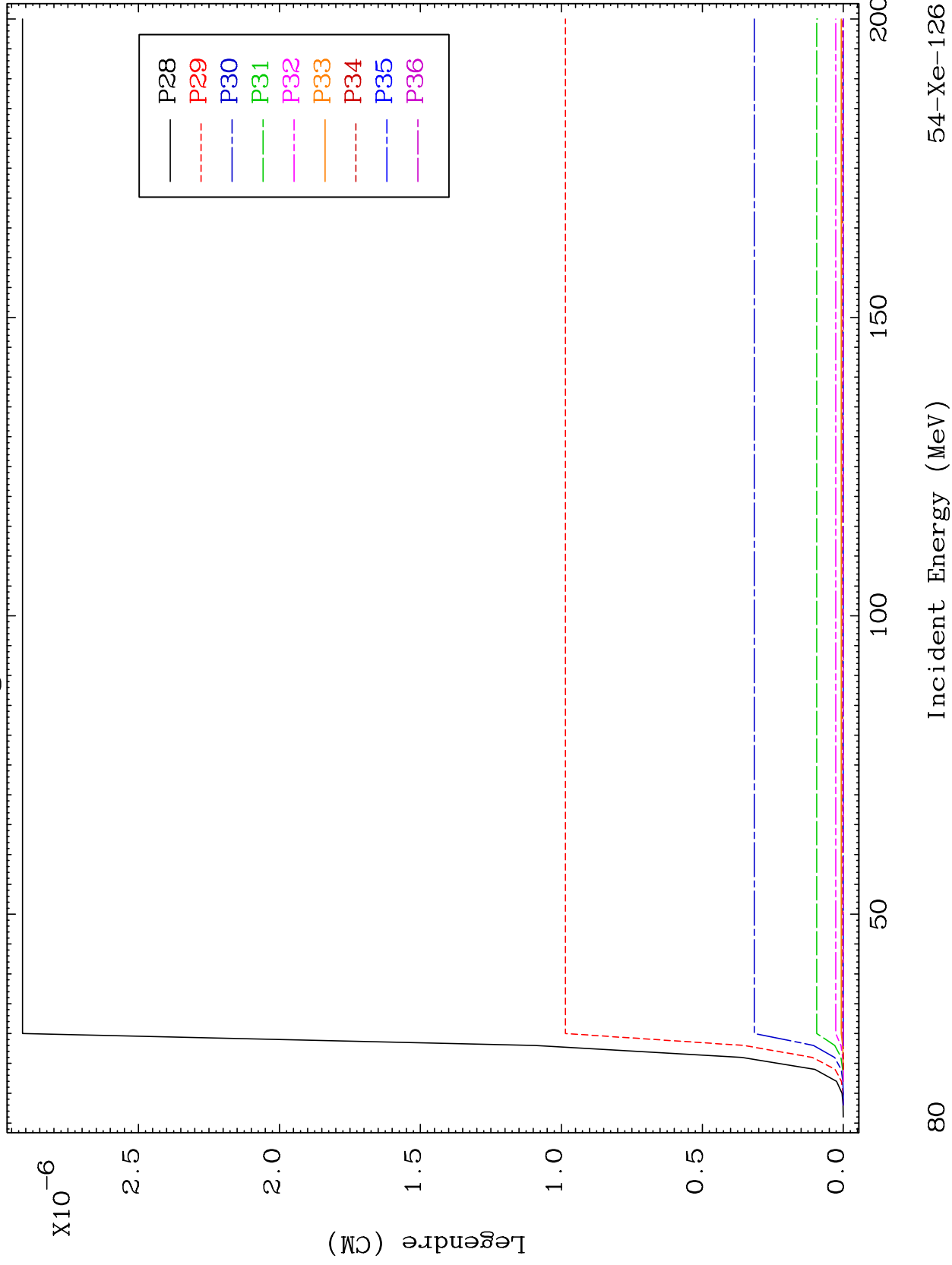
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

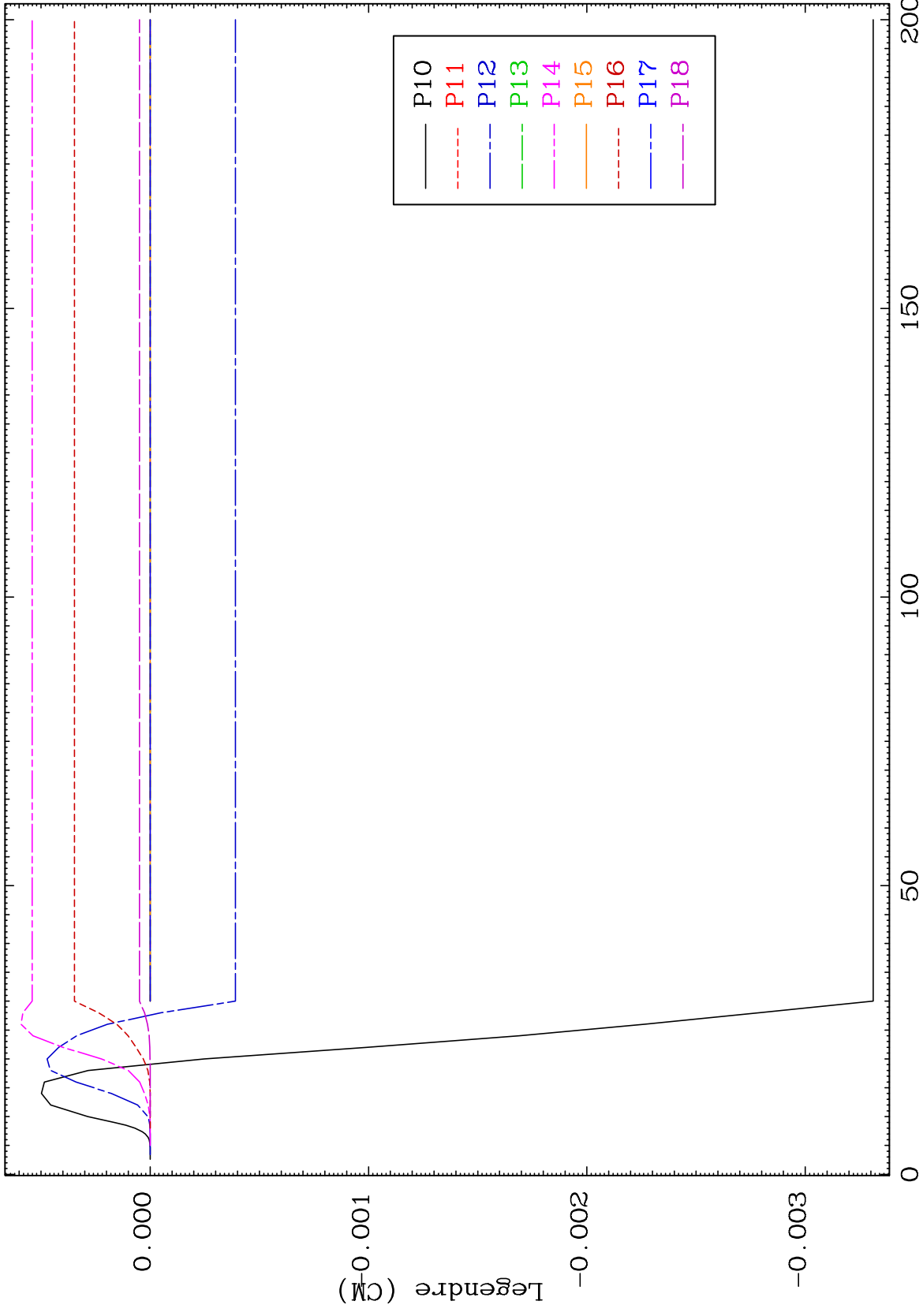
54-Xe-126



MAT 5431

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

54-Xe-126



82

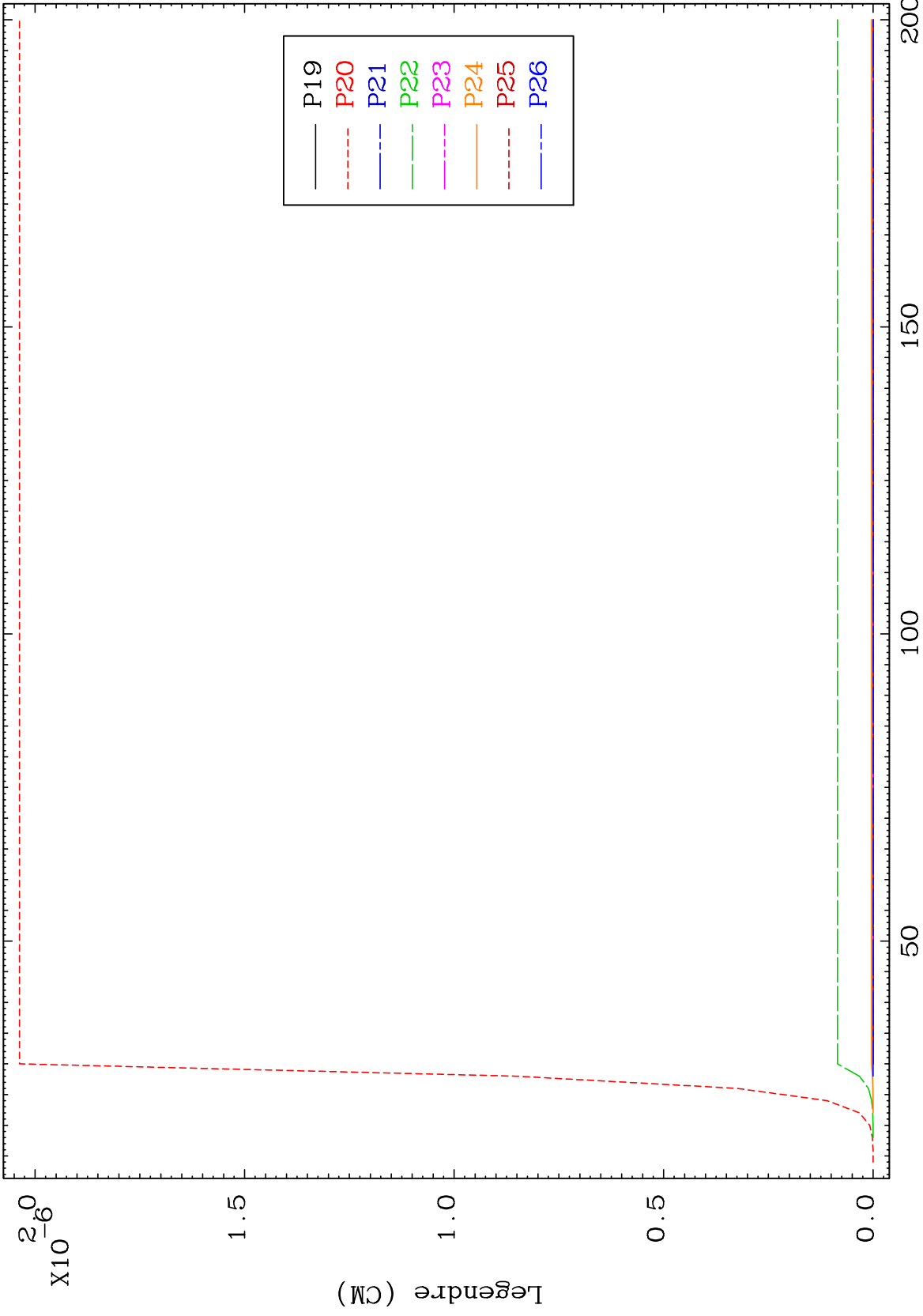
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



83

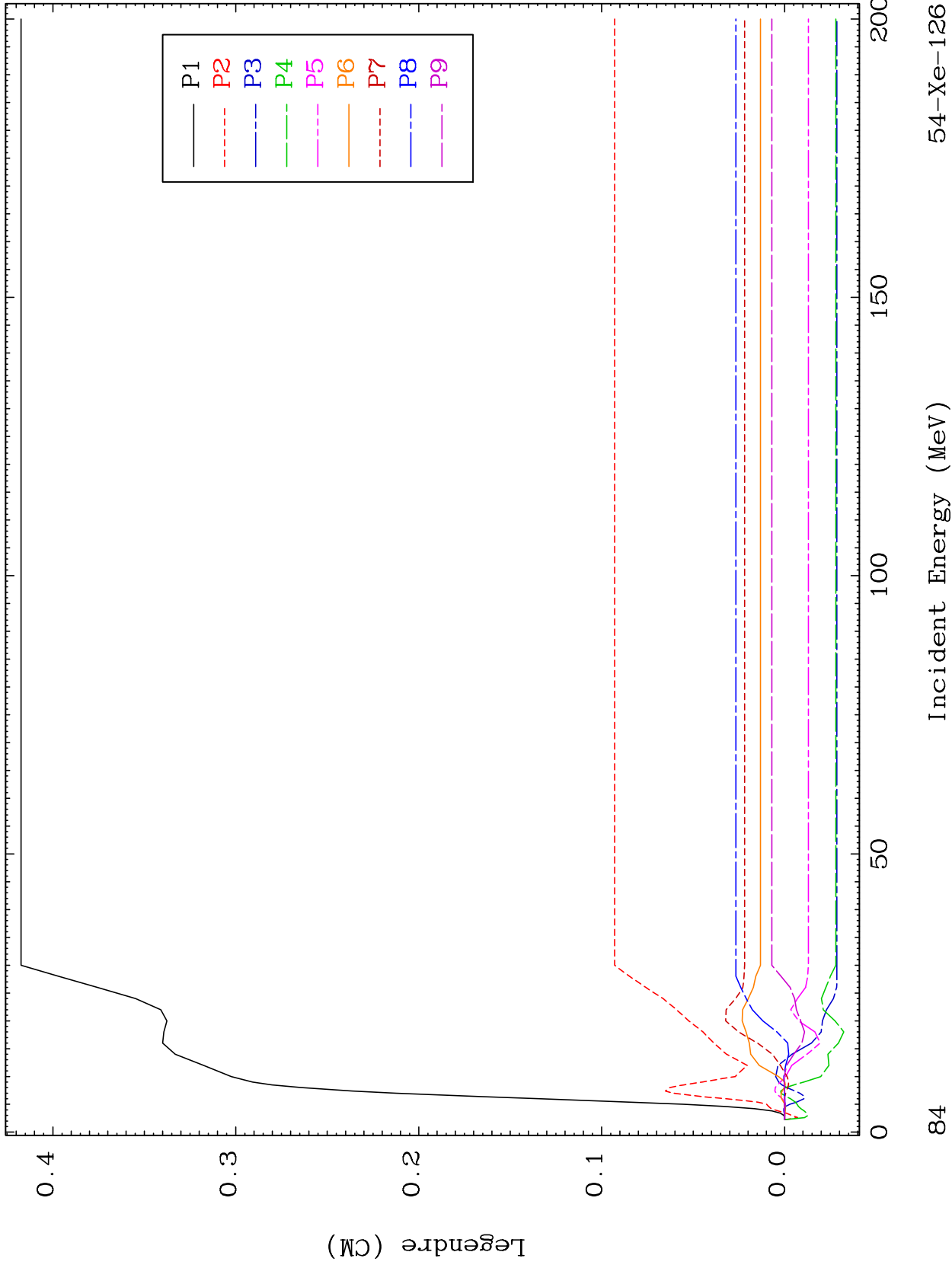
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



84

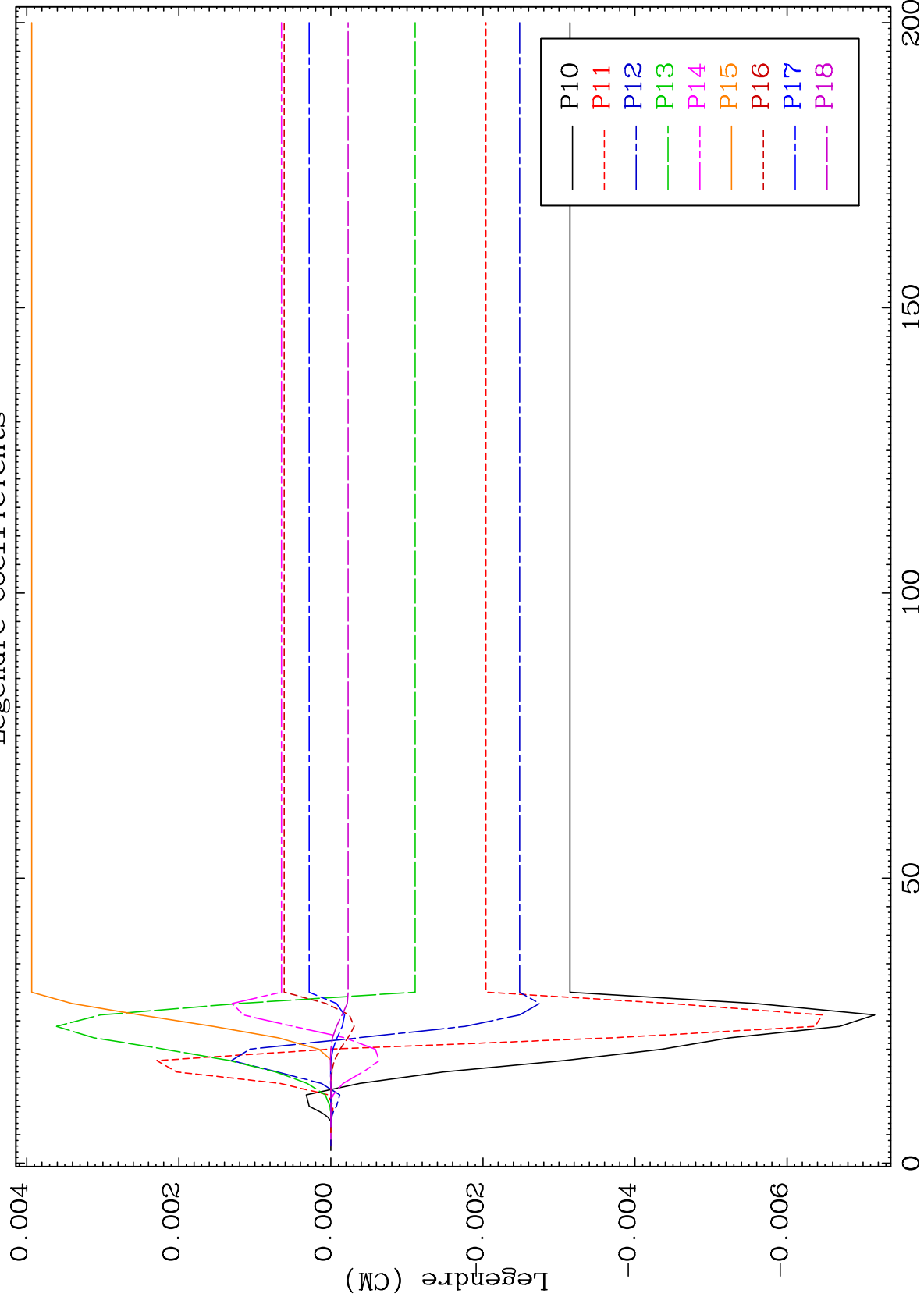
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



85

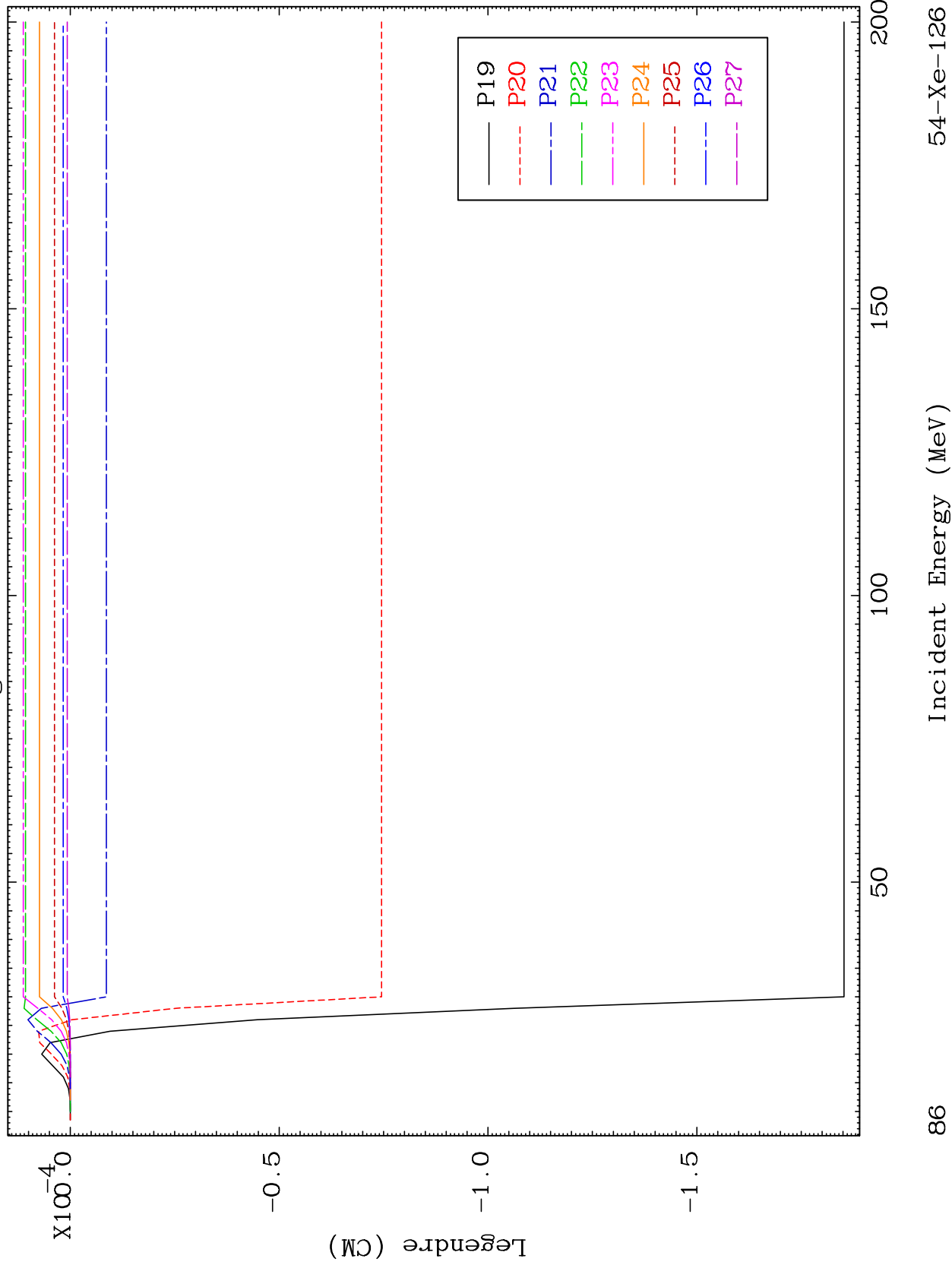
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

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



86

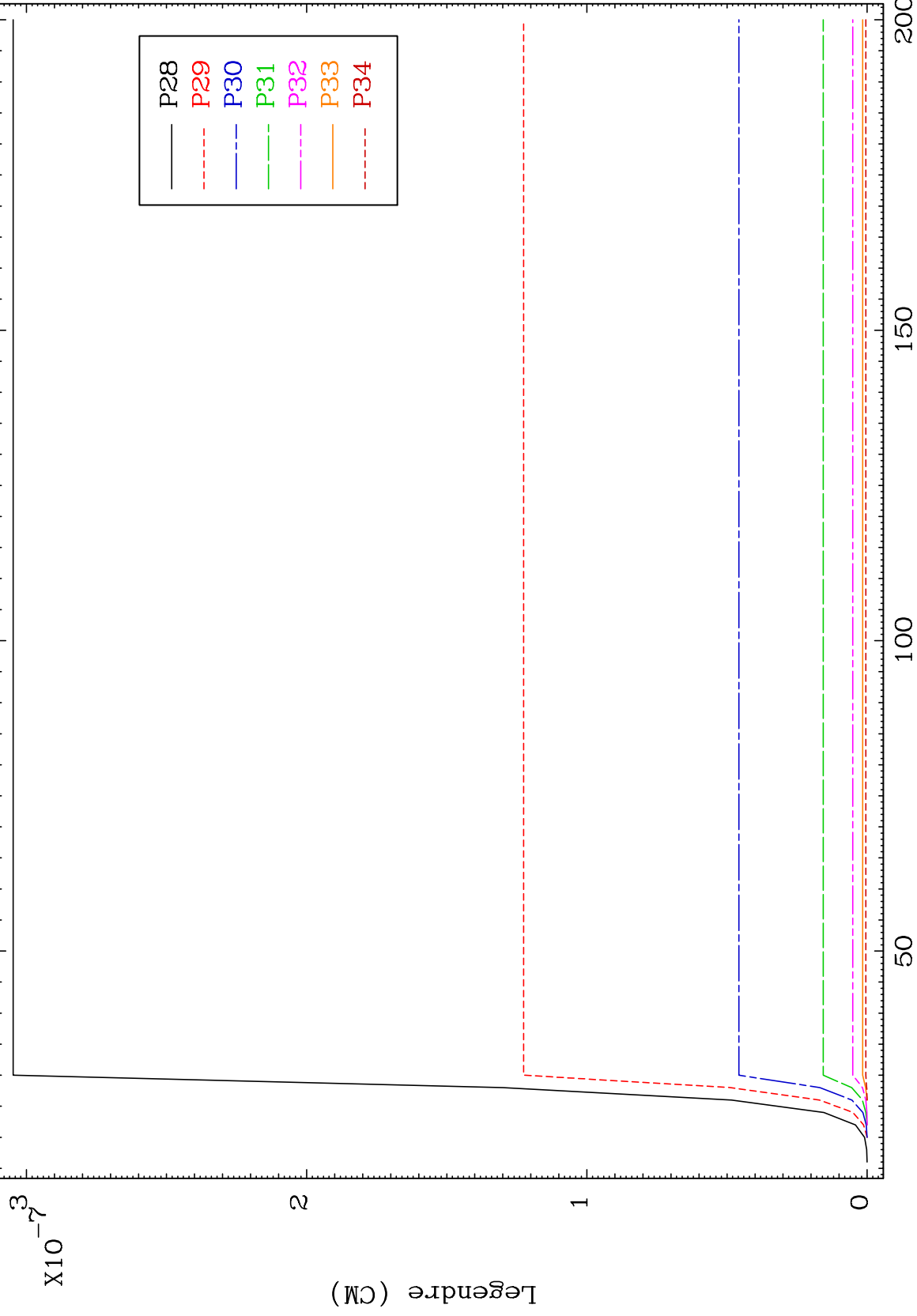
54-Xe-126

Incident Energy (MeV)

MAT 5431

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

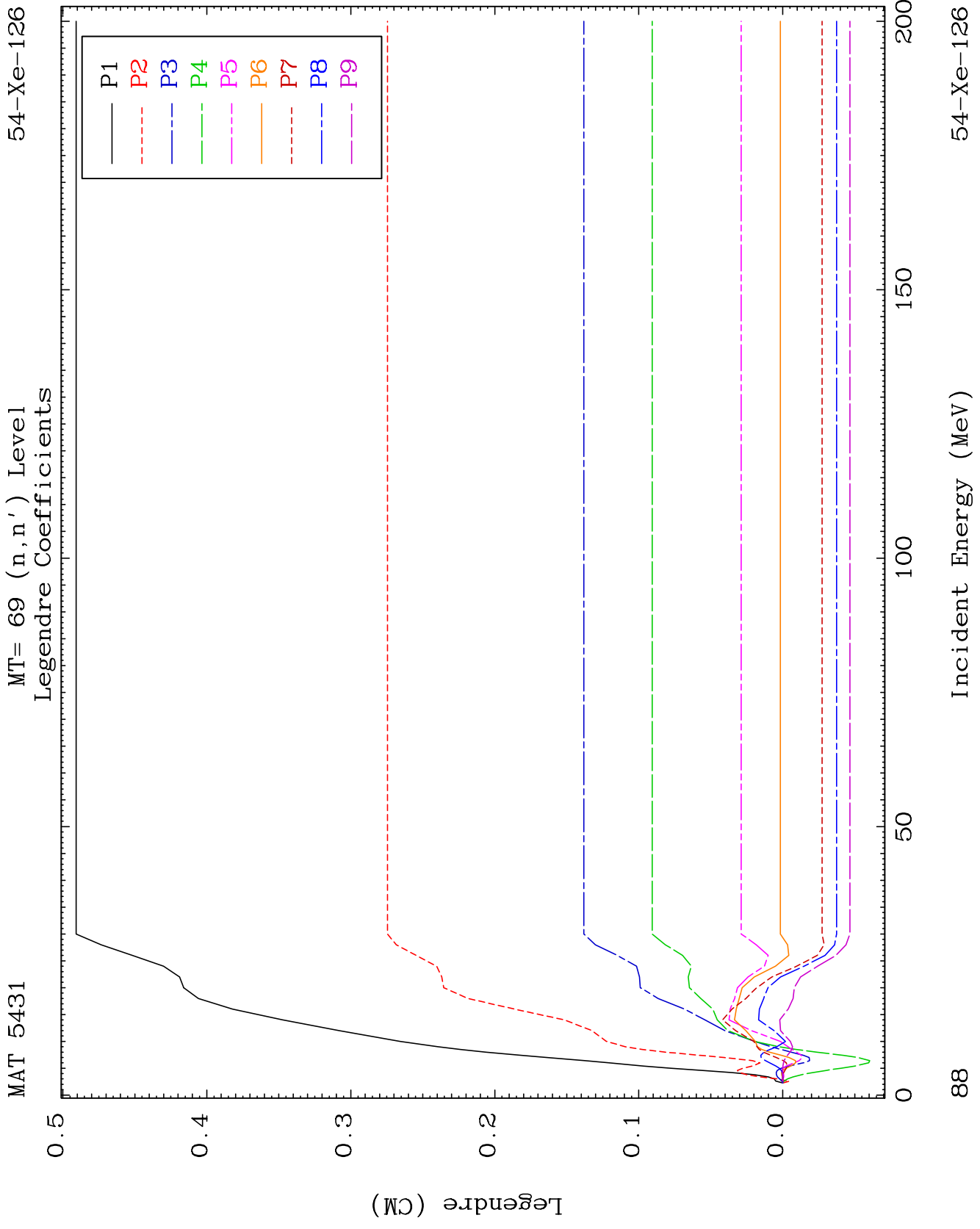
54-Xe-126



87

Incident Energy (MeV)

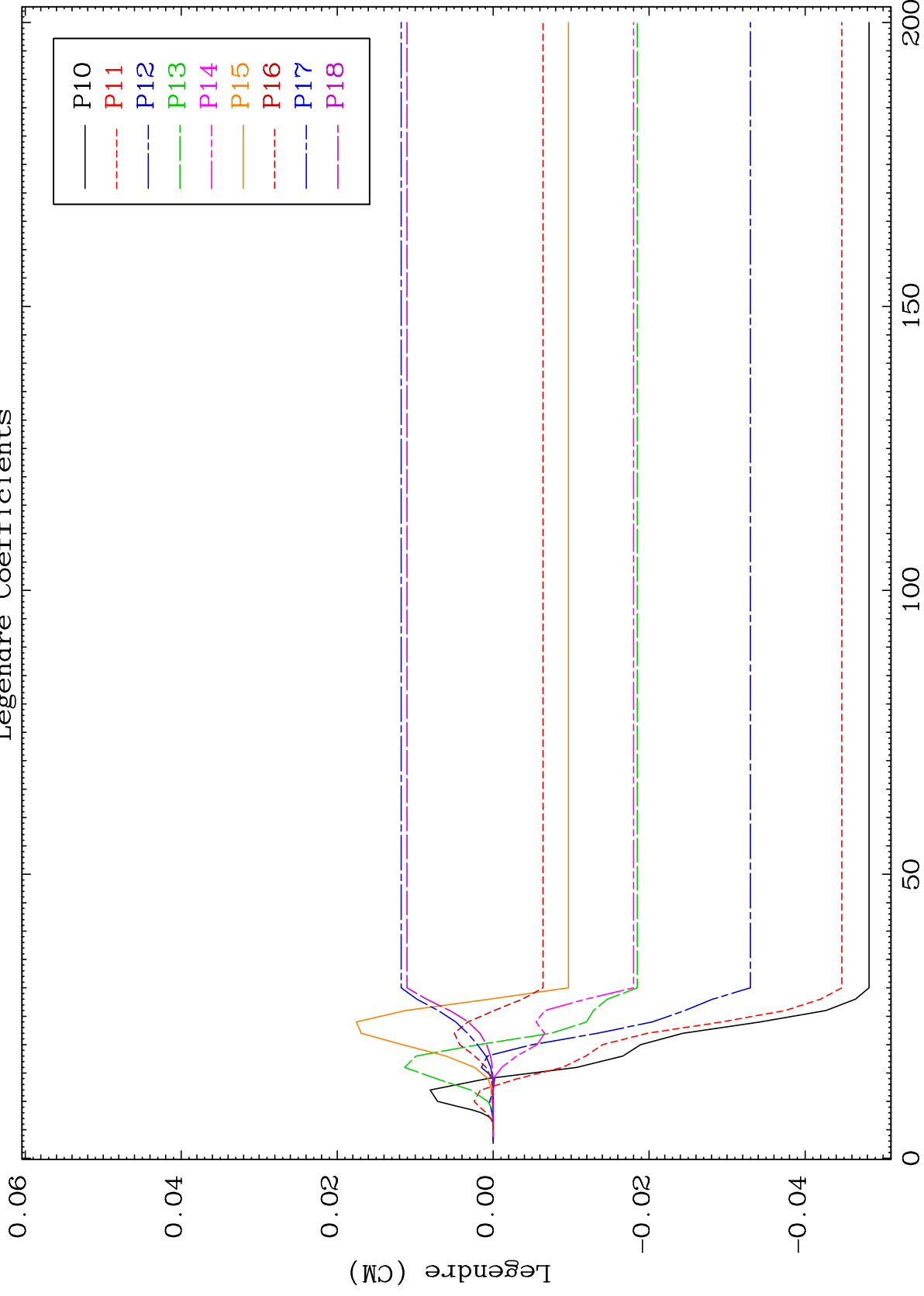
54-Xe-126



MAT 5431

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

54-Xe-126



89

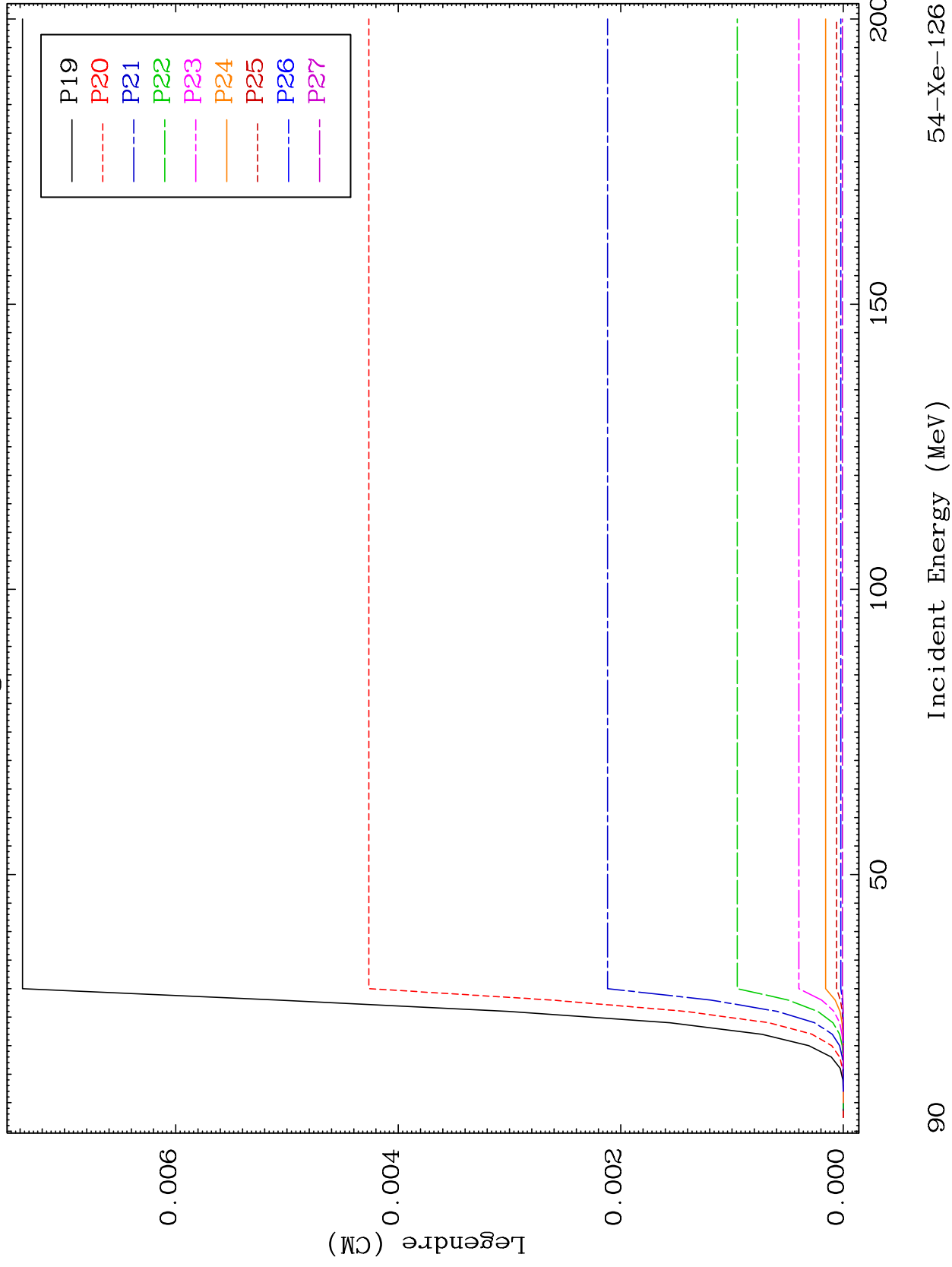
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

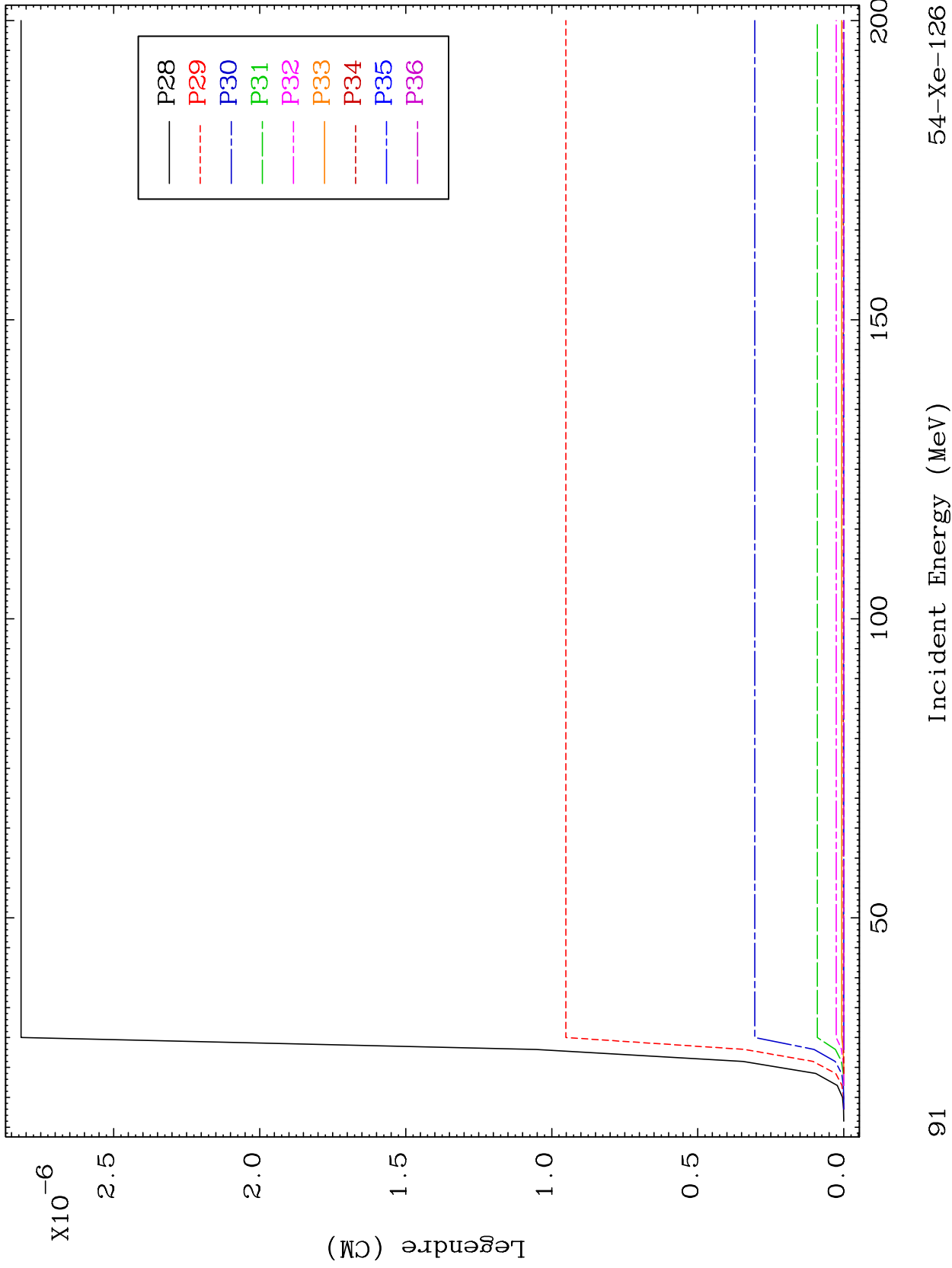
Incident Energy (MeV)

90

MAT 5431

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

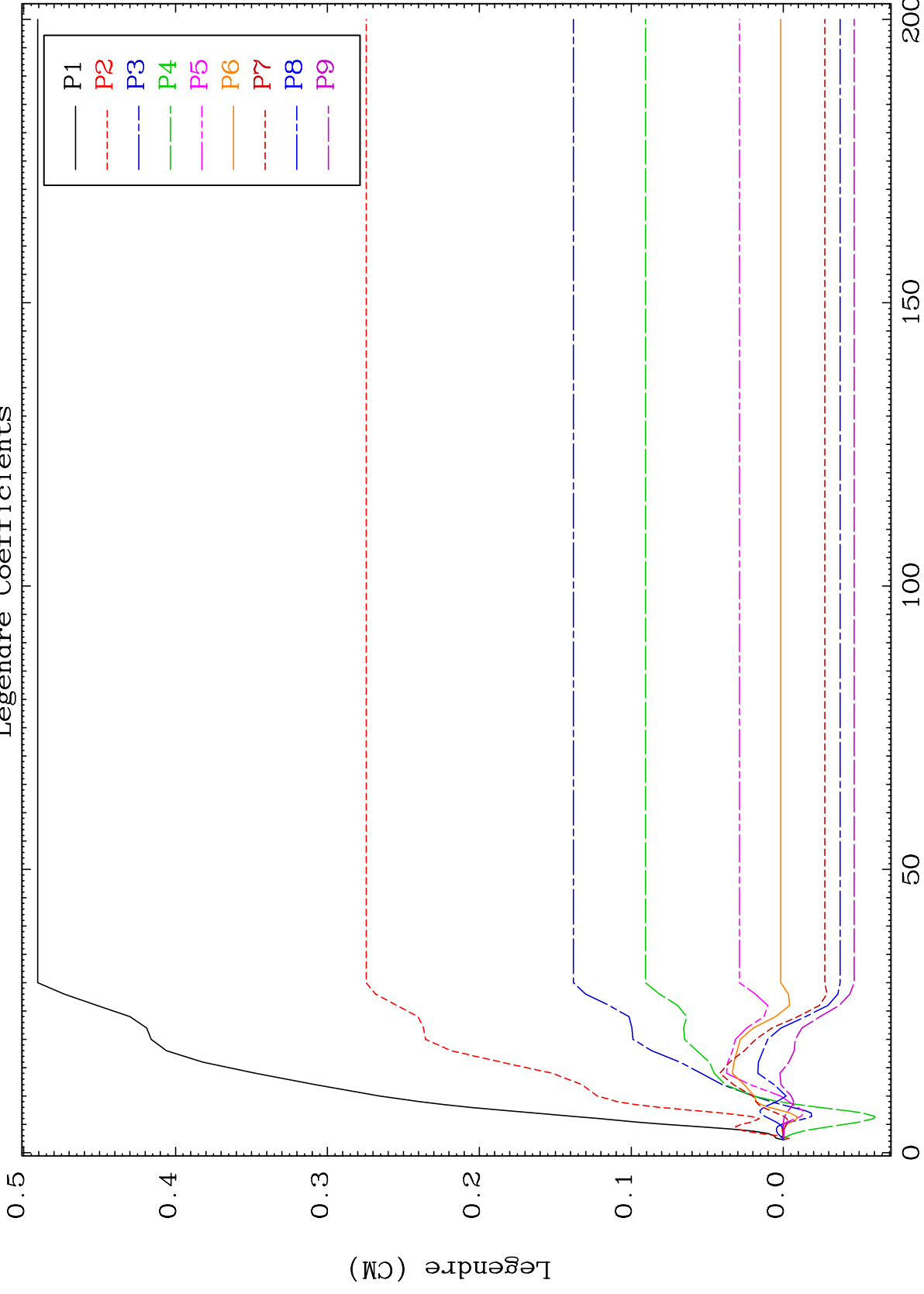
54-Xe-126



MAT 5431

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

54-Xe-126



92

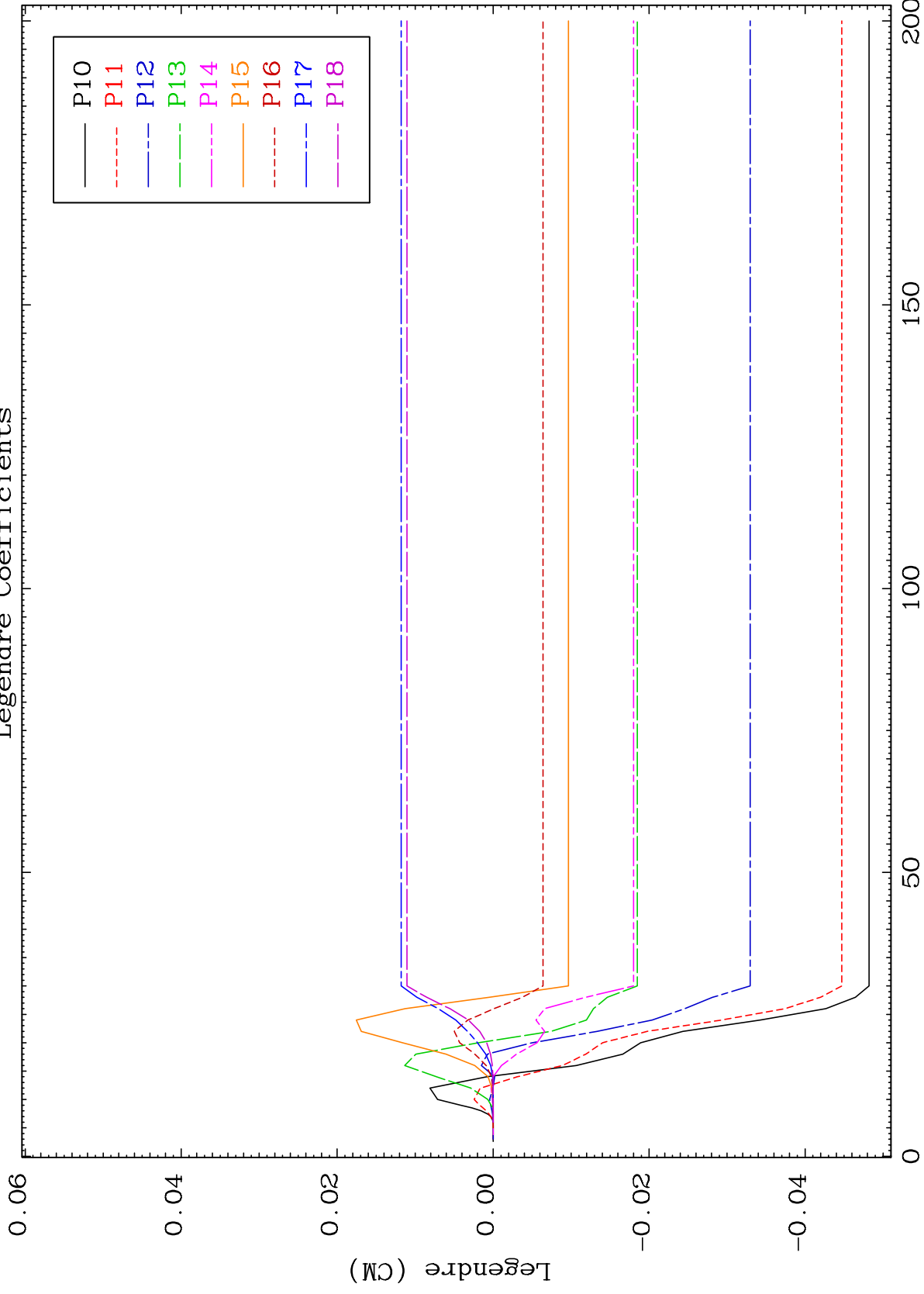
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



93

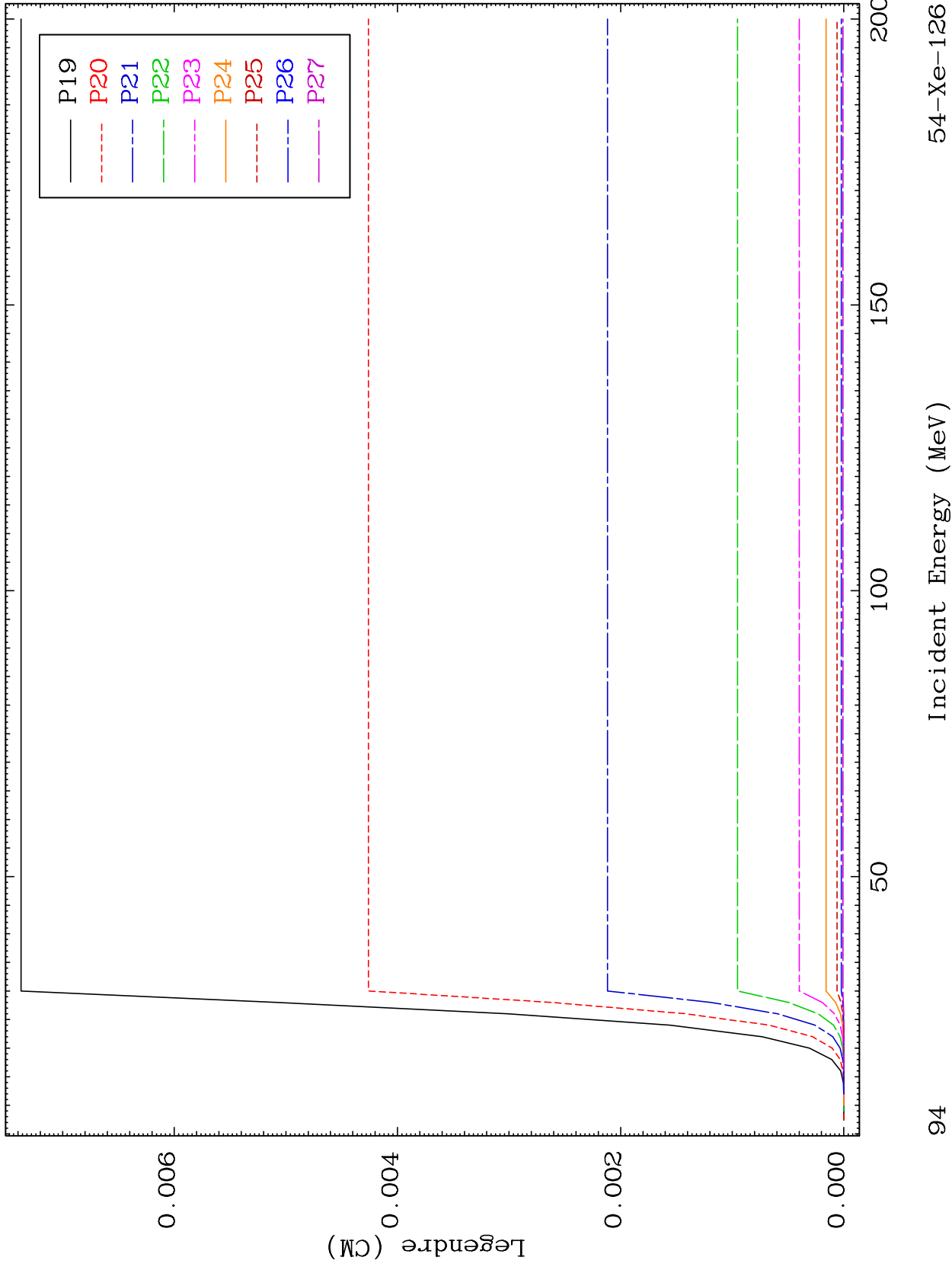
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



94

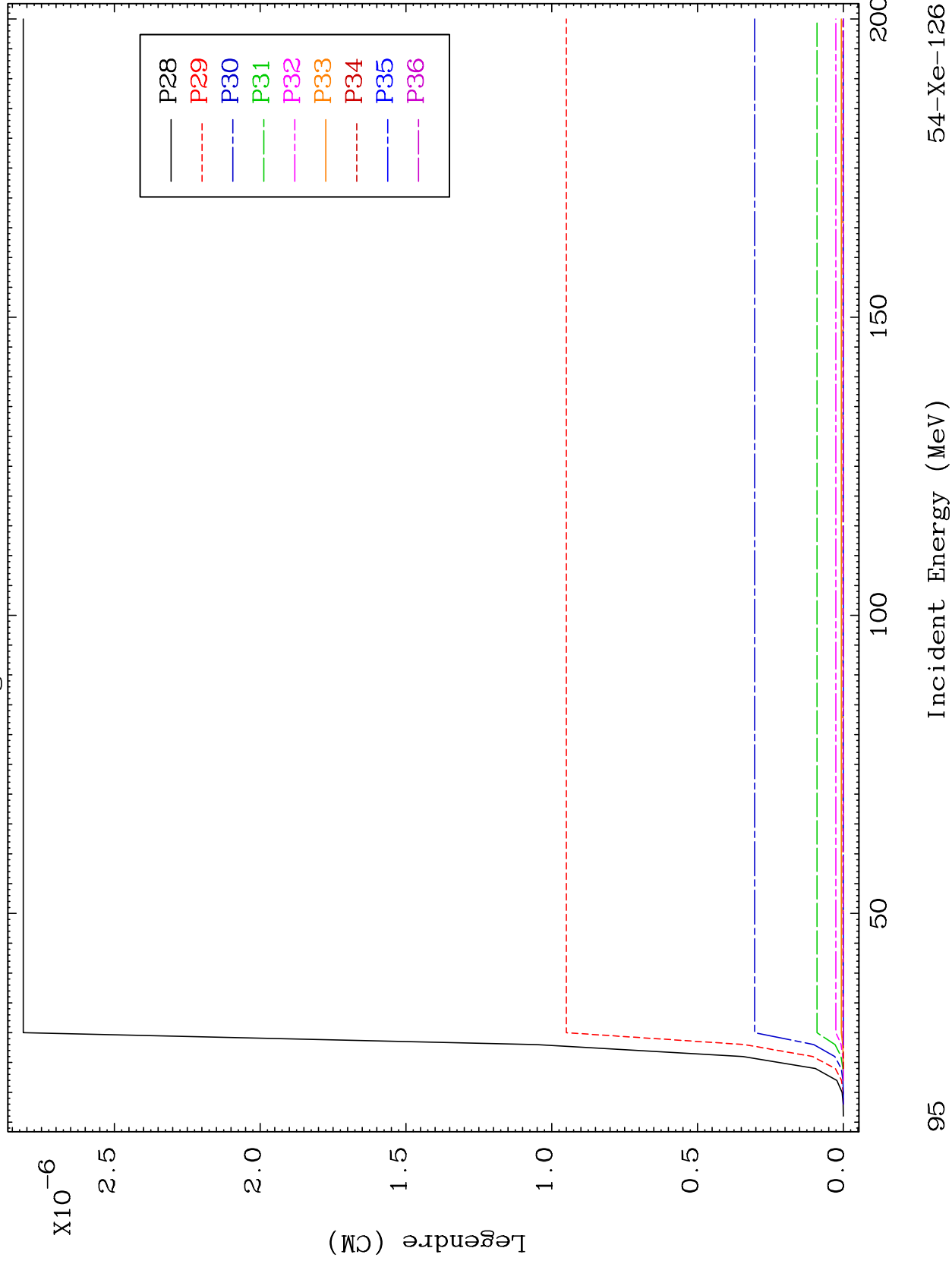
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



95

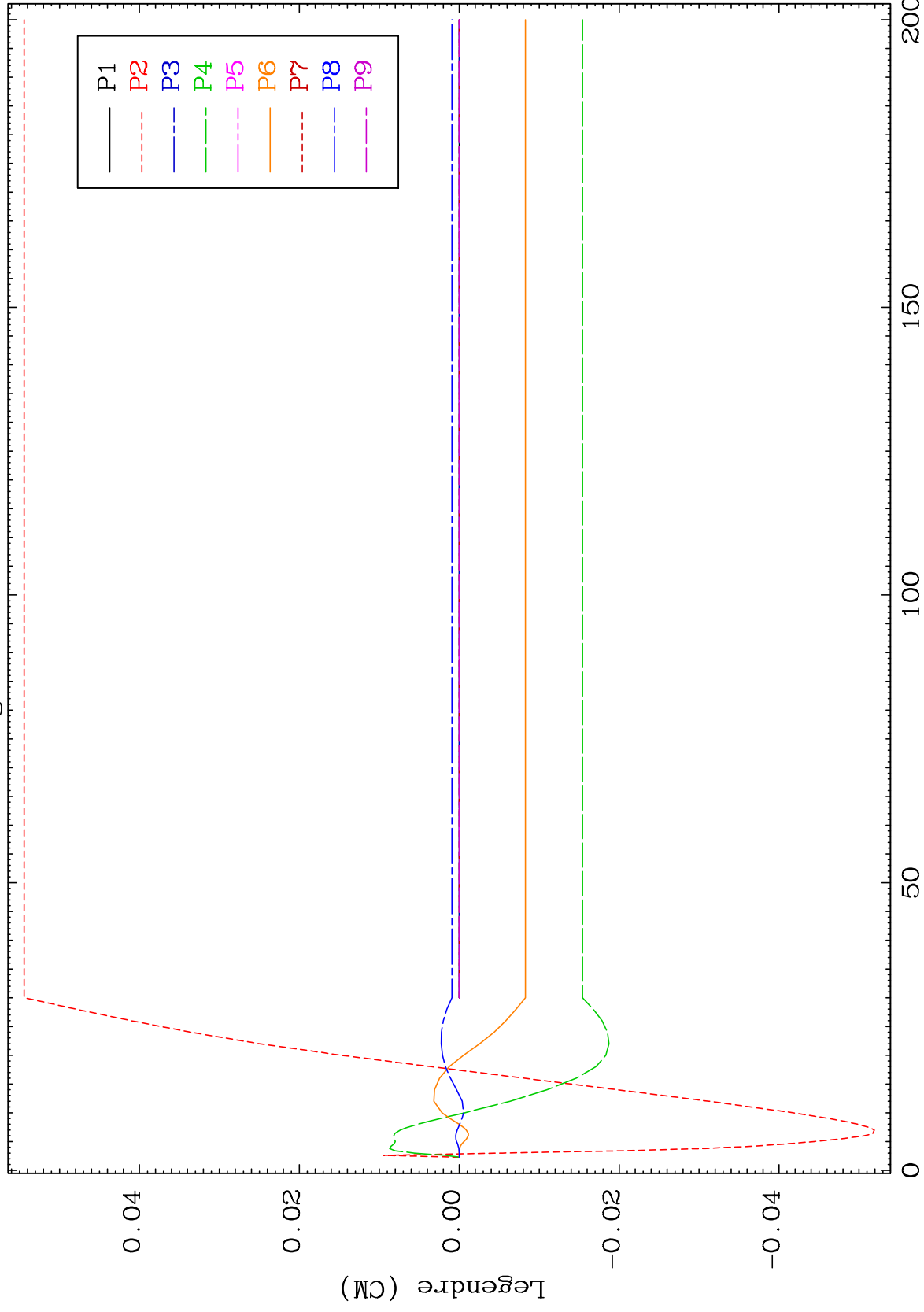
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



96

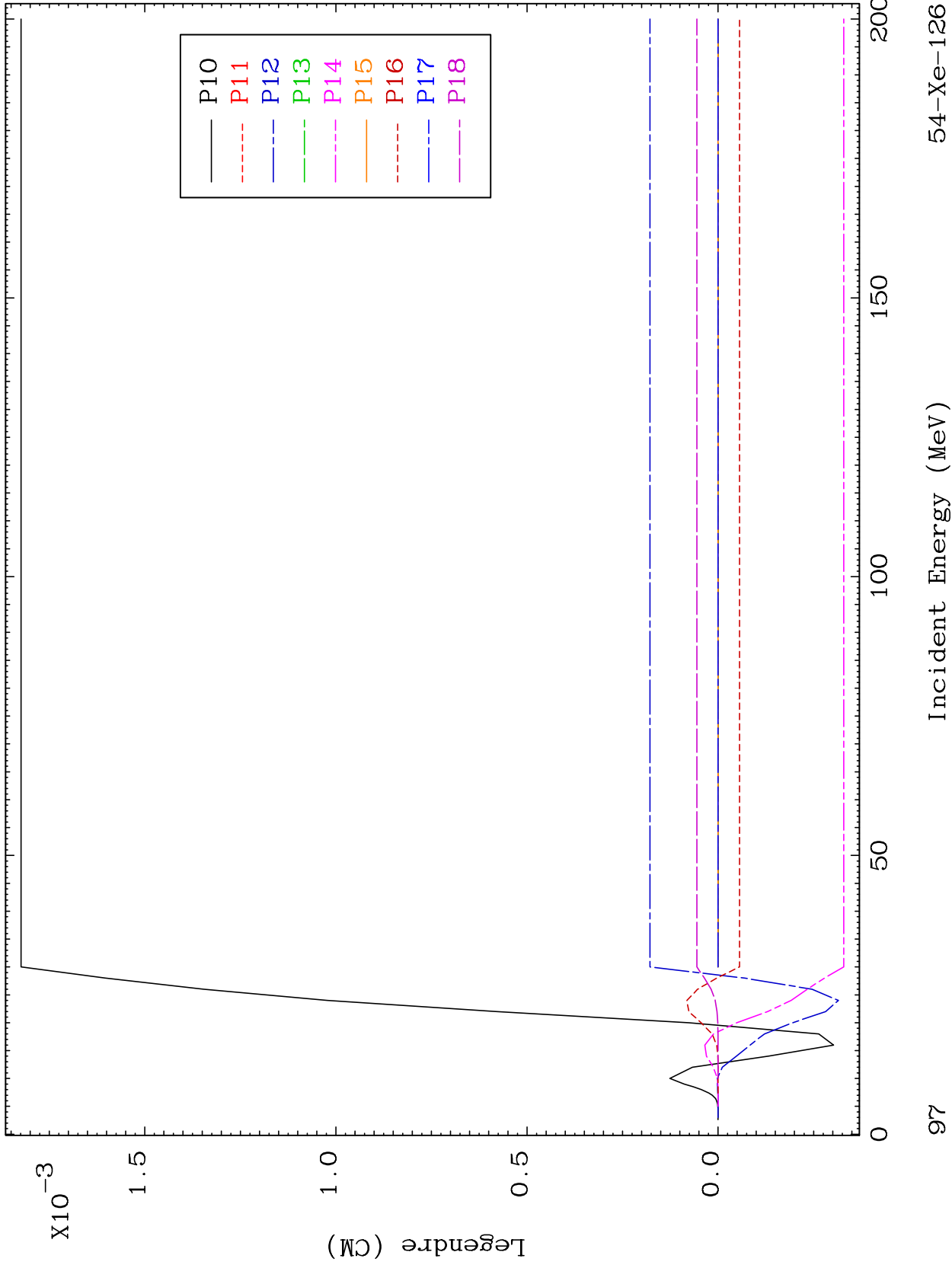
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



97

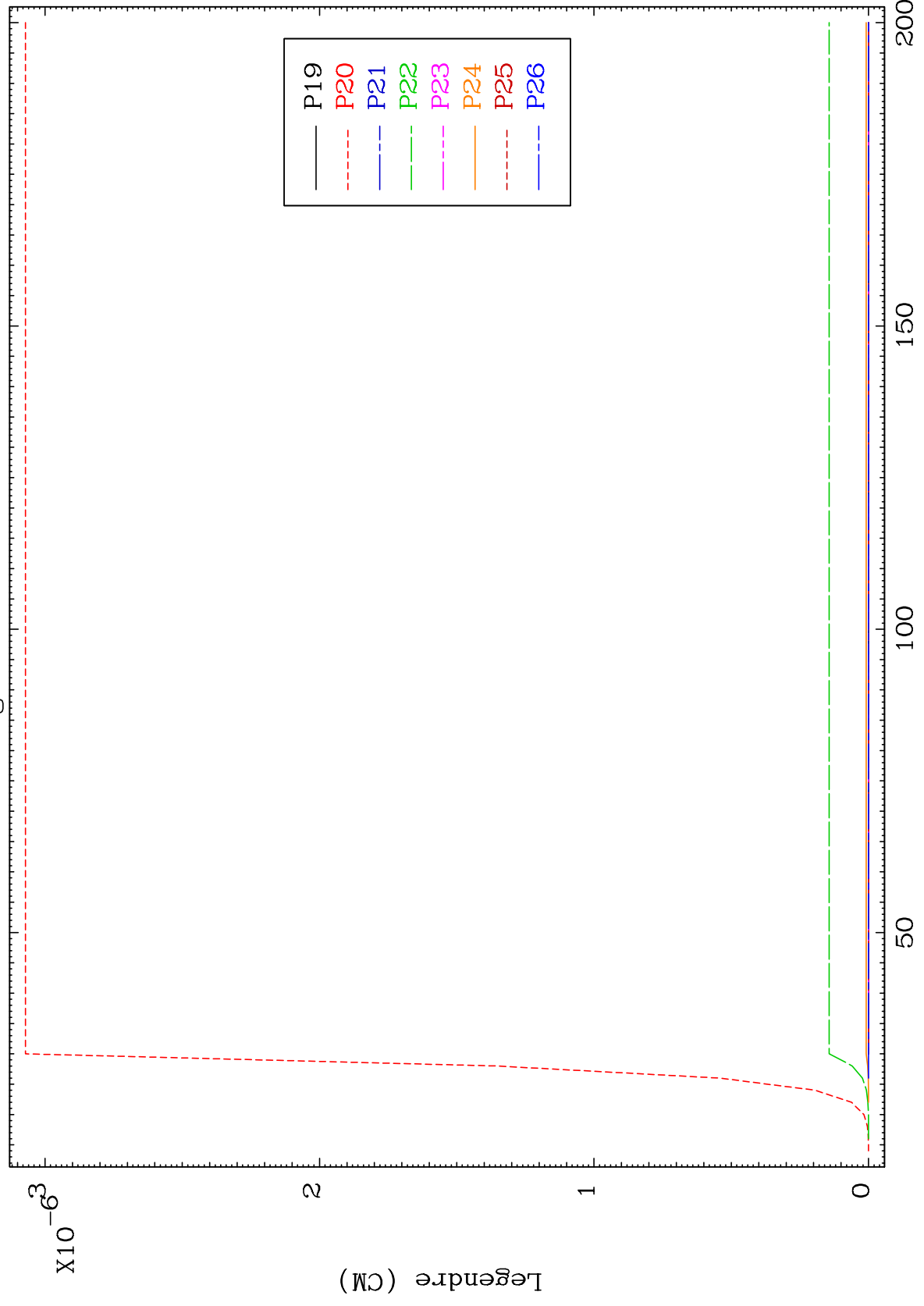
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

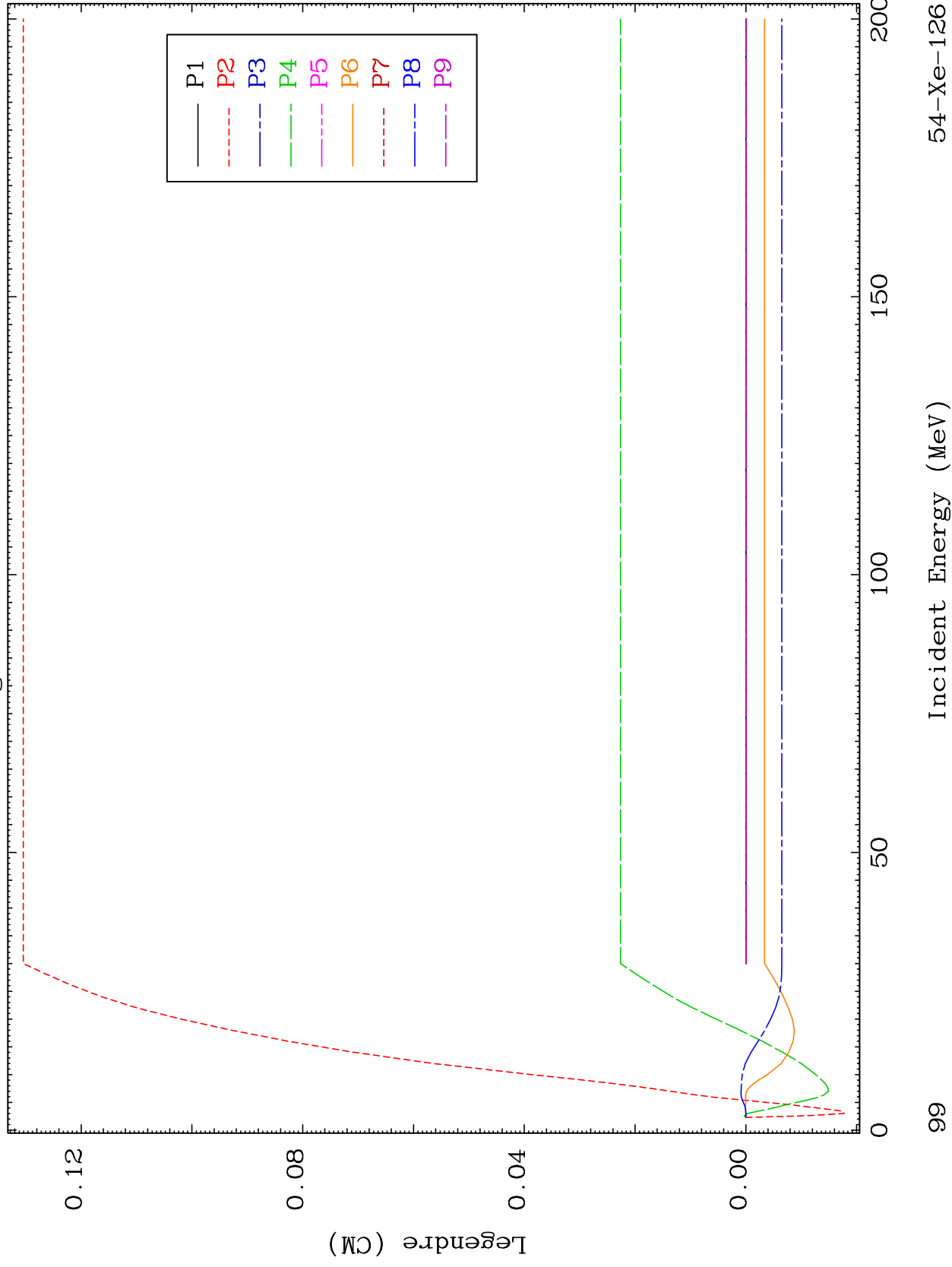
Incident Energy (MeV)

98

MAT 5431

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

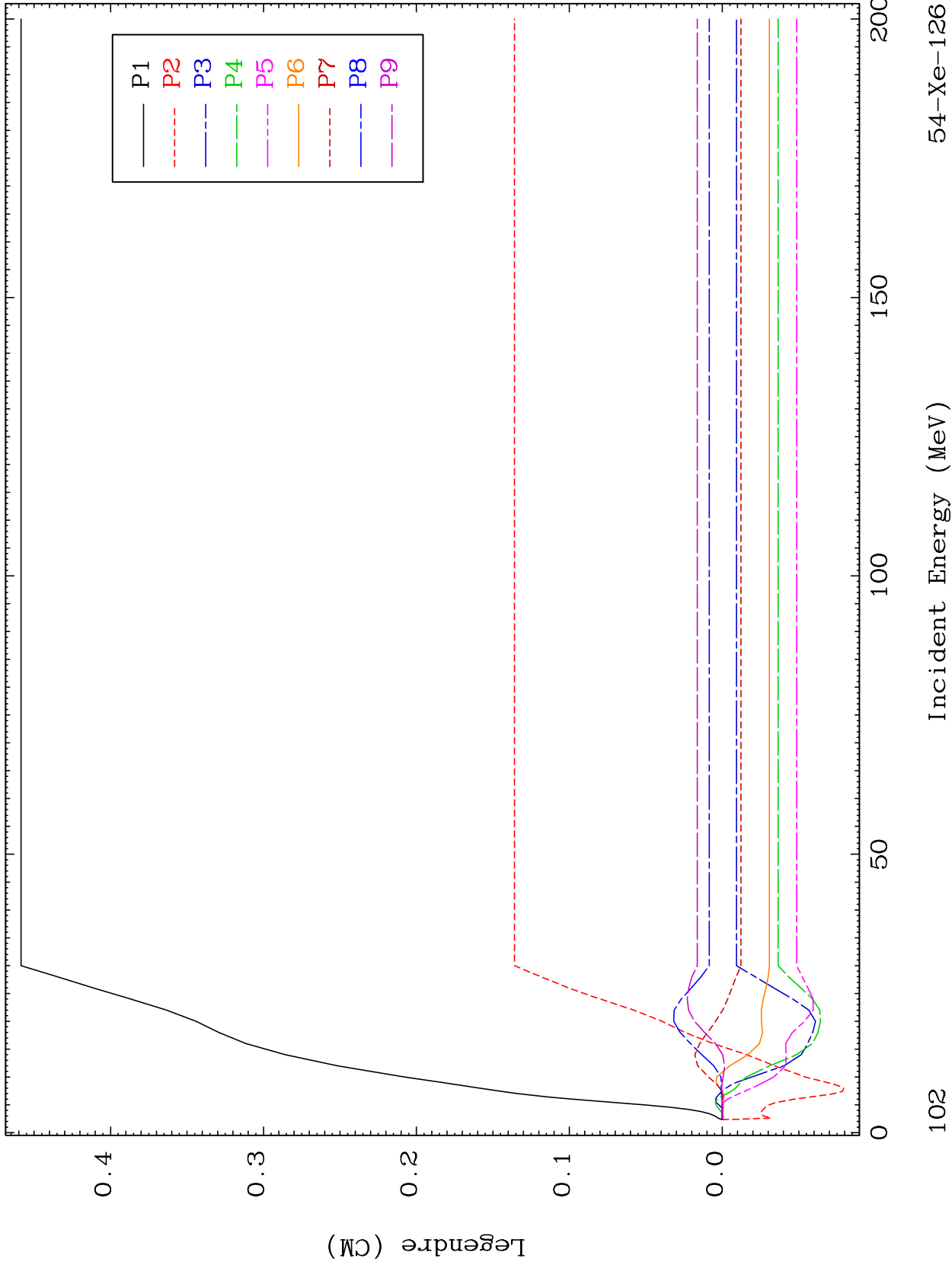
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

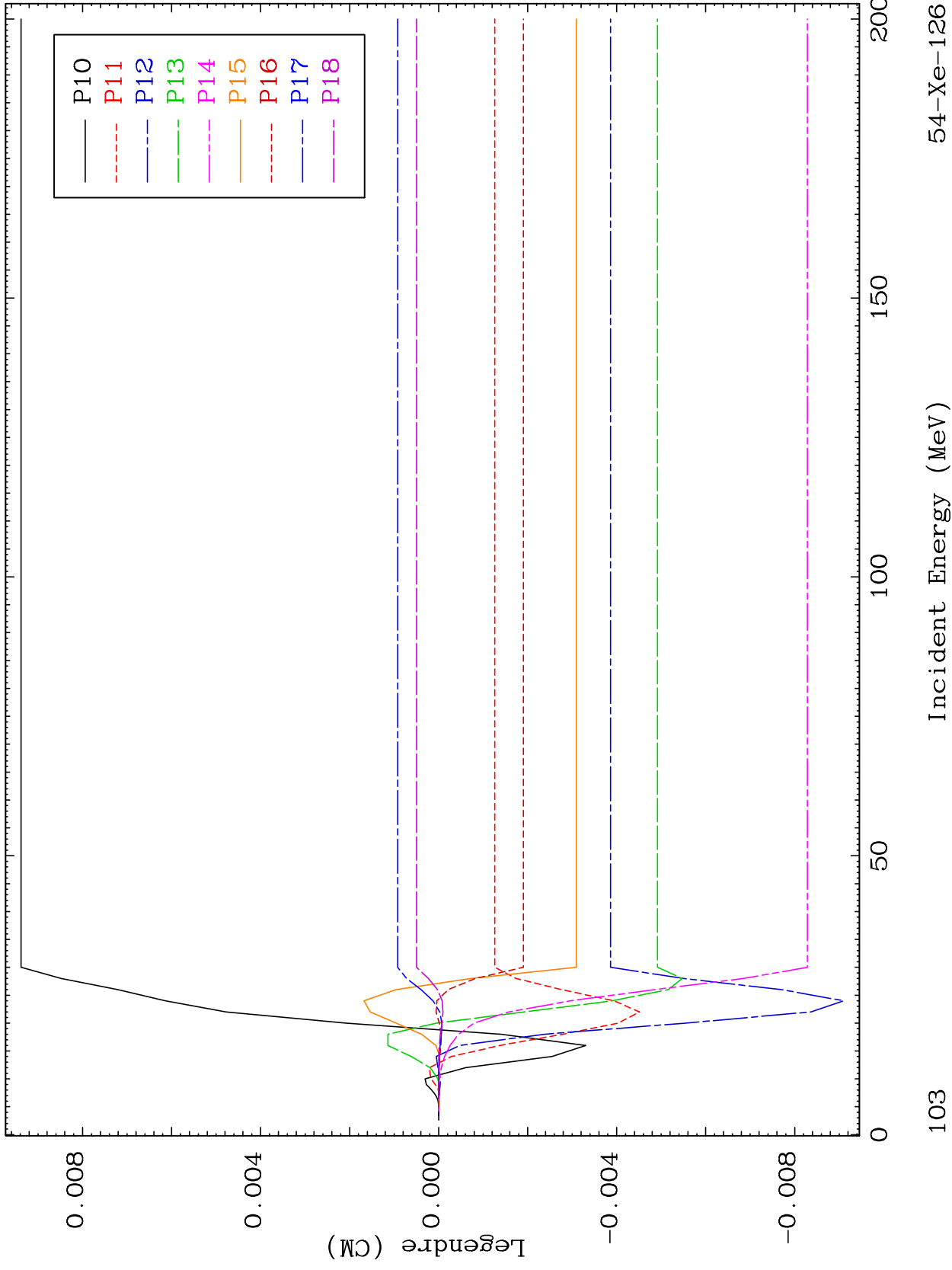
Incident Energy (MeV)

102

MAT 5431

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

54-Xe-126



103

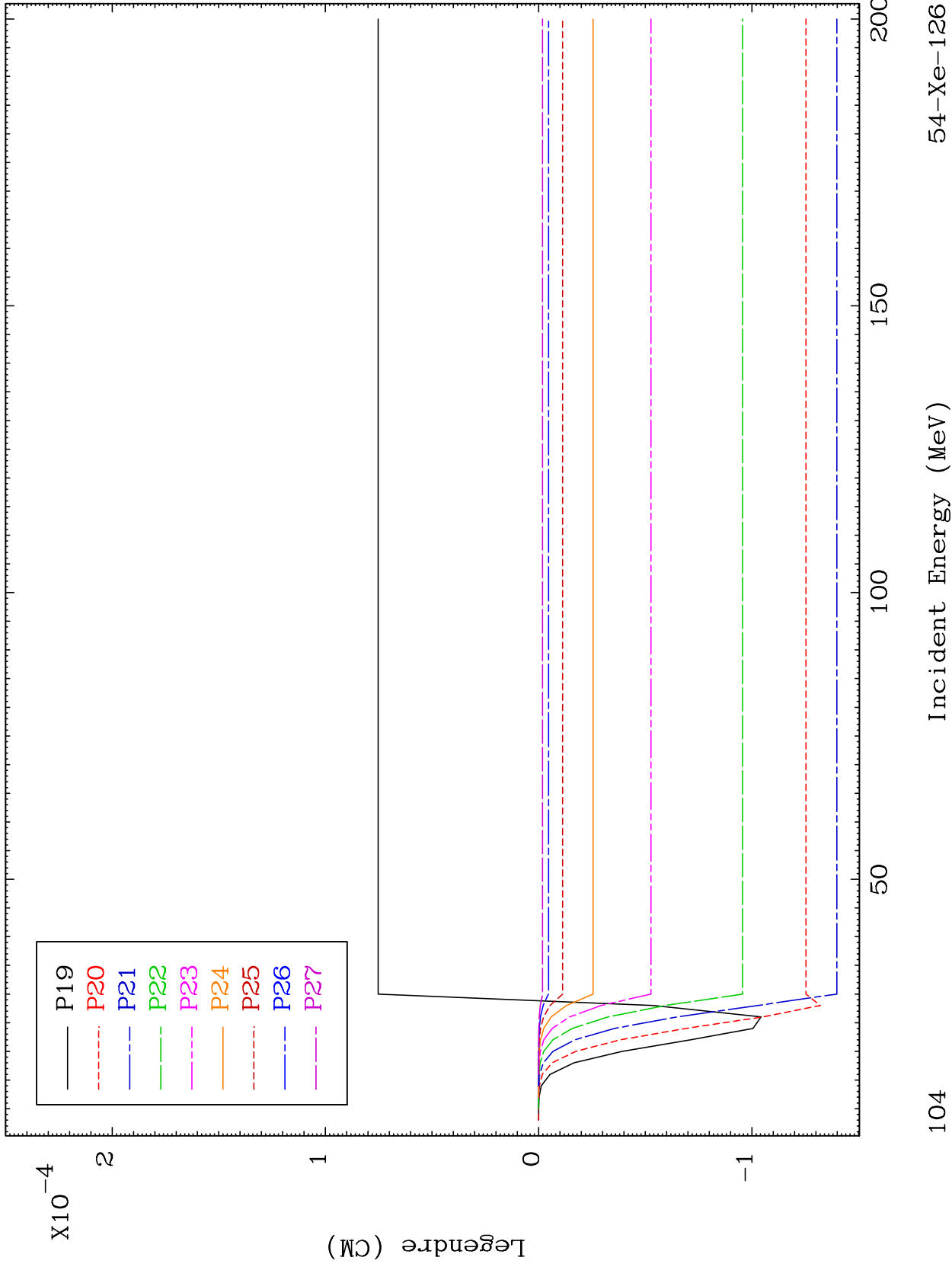
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126

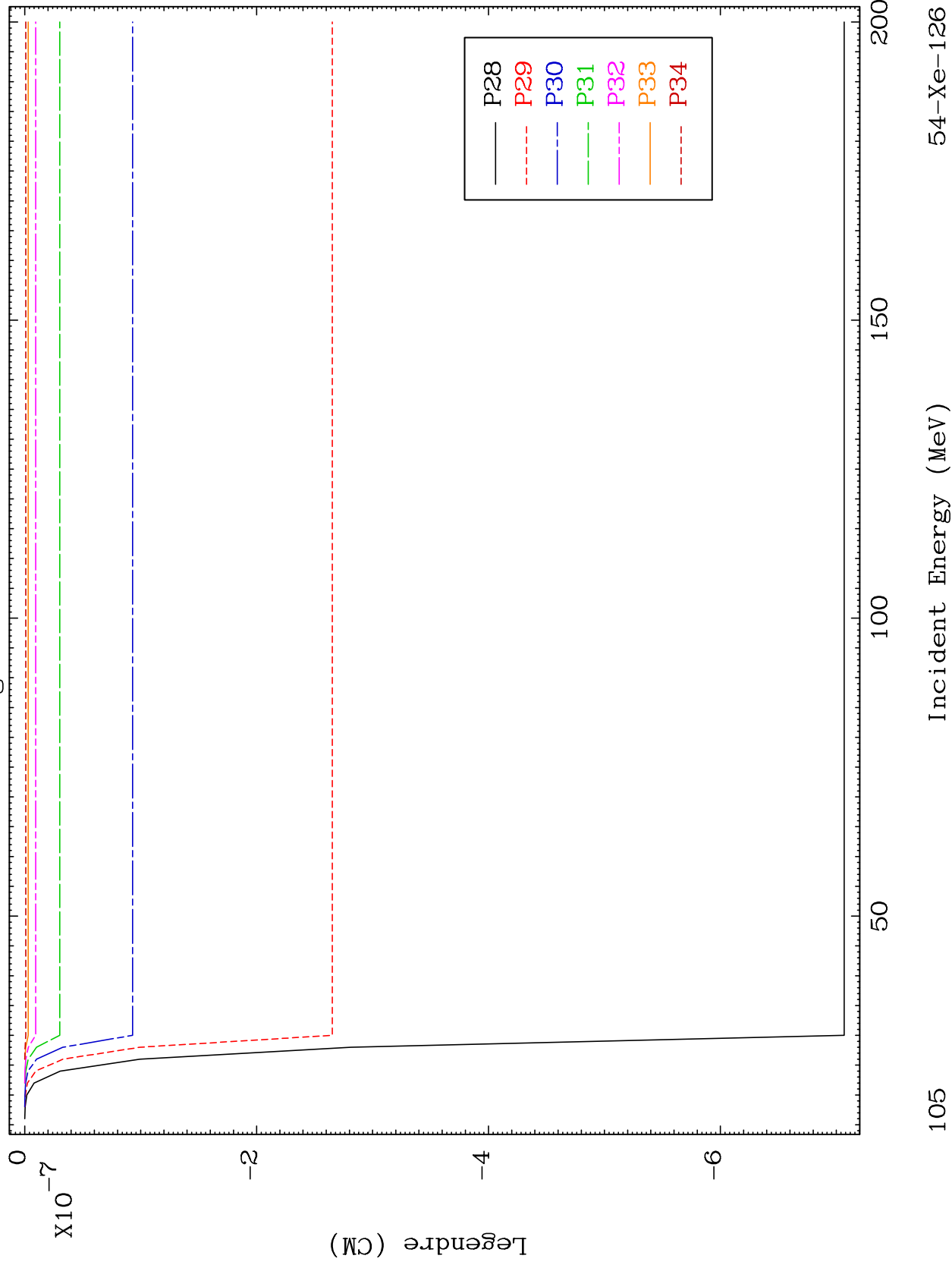


MAT 5431

MT= 73 (n,n') Level

54-Xe-126

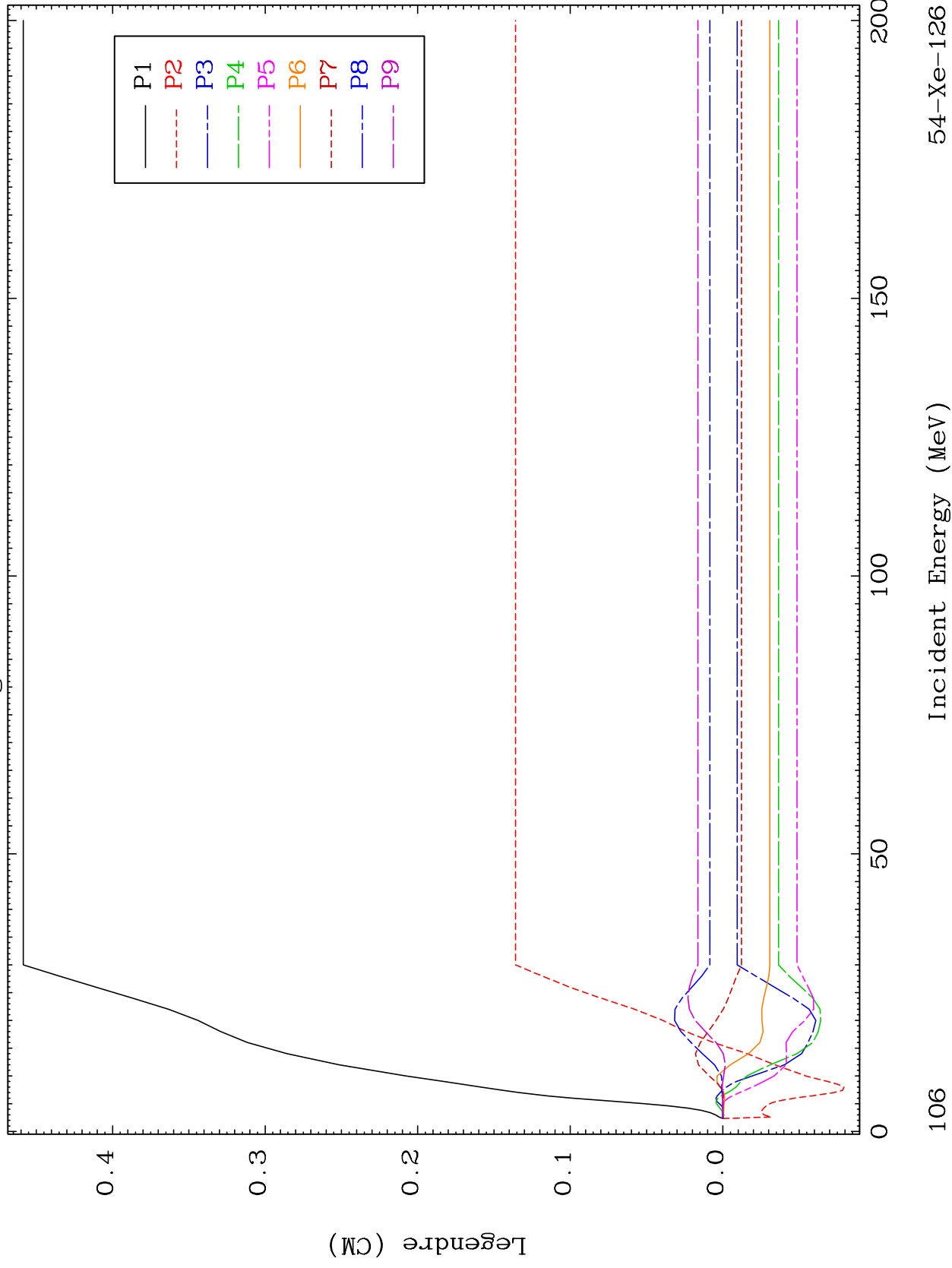
Legendre Coefficients



MAT 5431

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

54-Xe-126



54-Xe-126

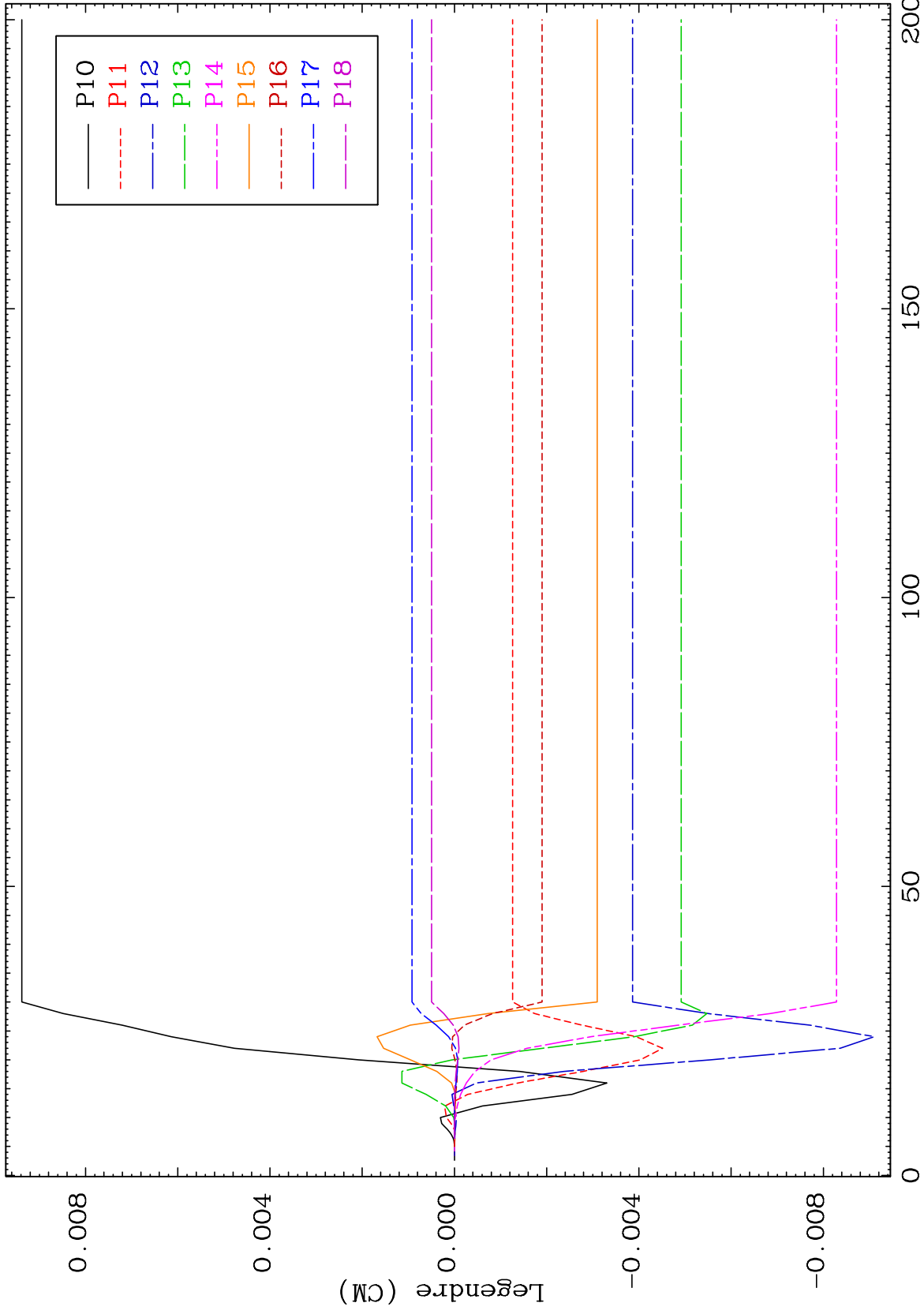
Incident Energy (MeV)

106

MAT 5431

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

54-Xe-126



107

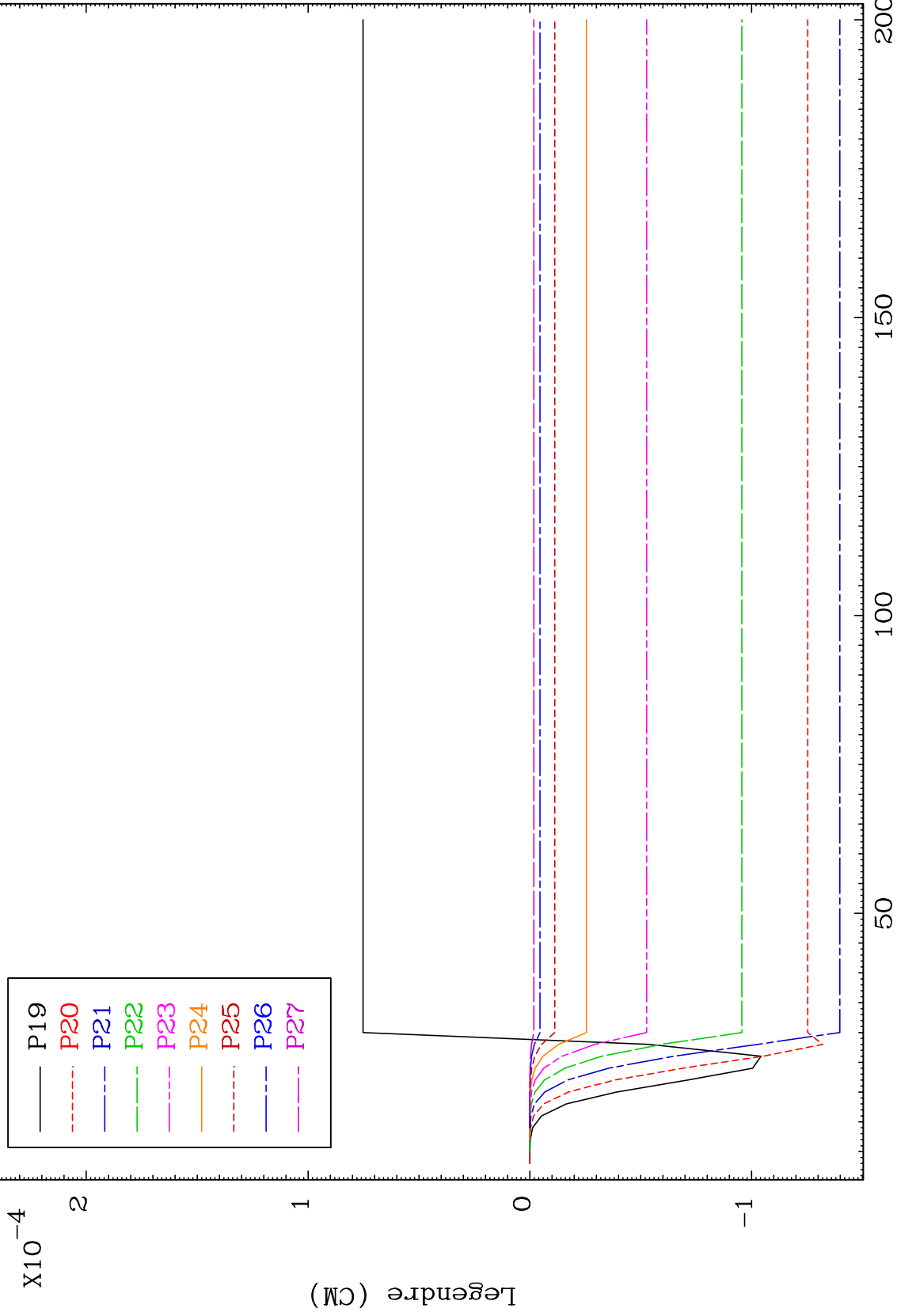
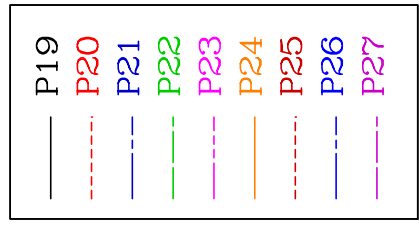
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126

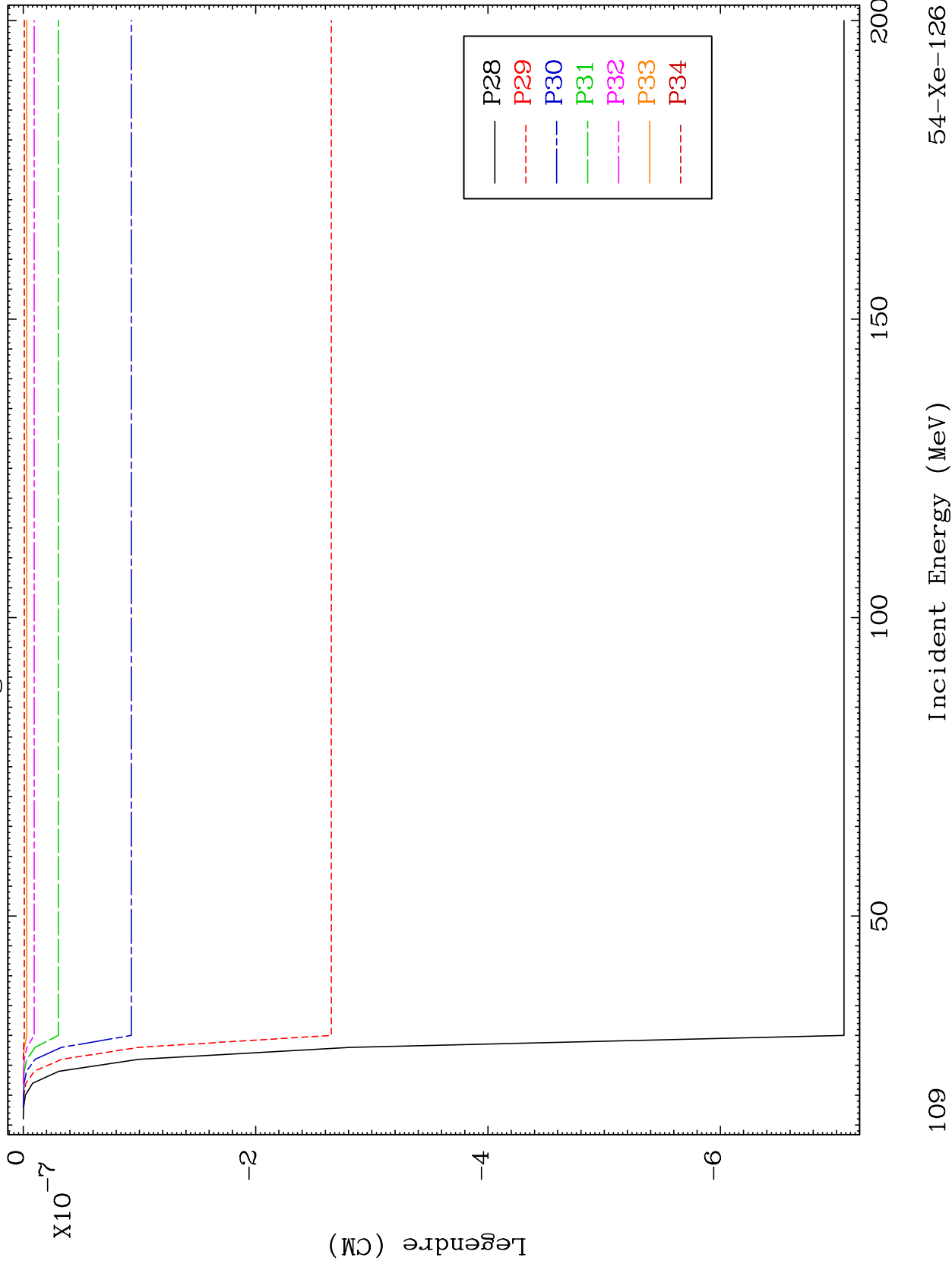


MAT 5431

MT= 74 (n,n') Level

54-Xe-126

Legendre Coefficients



109

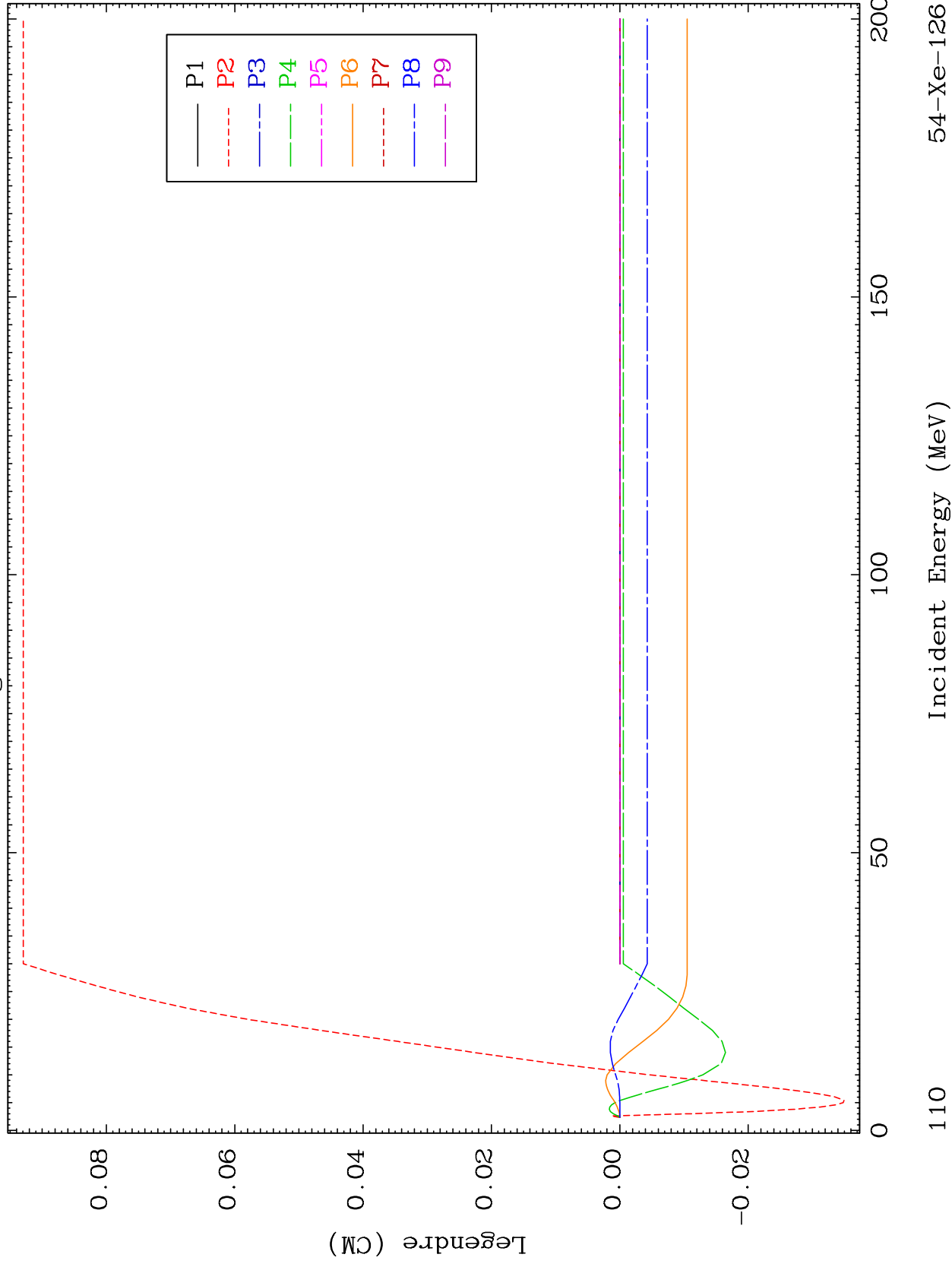
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

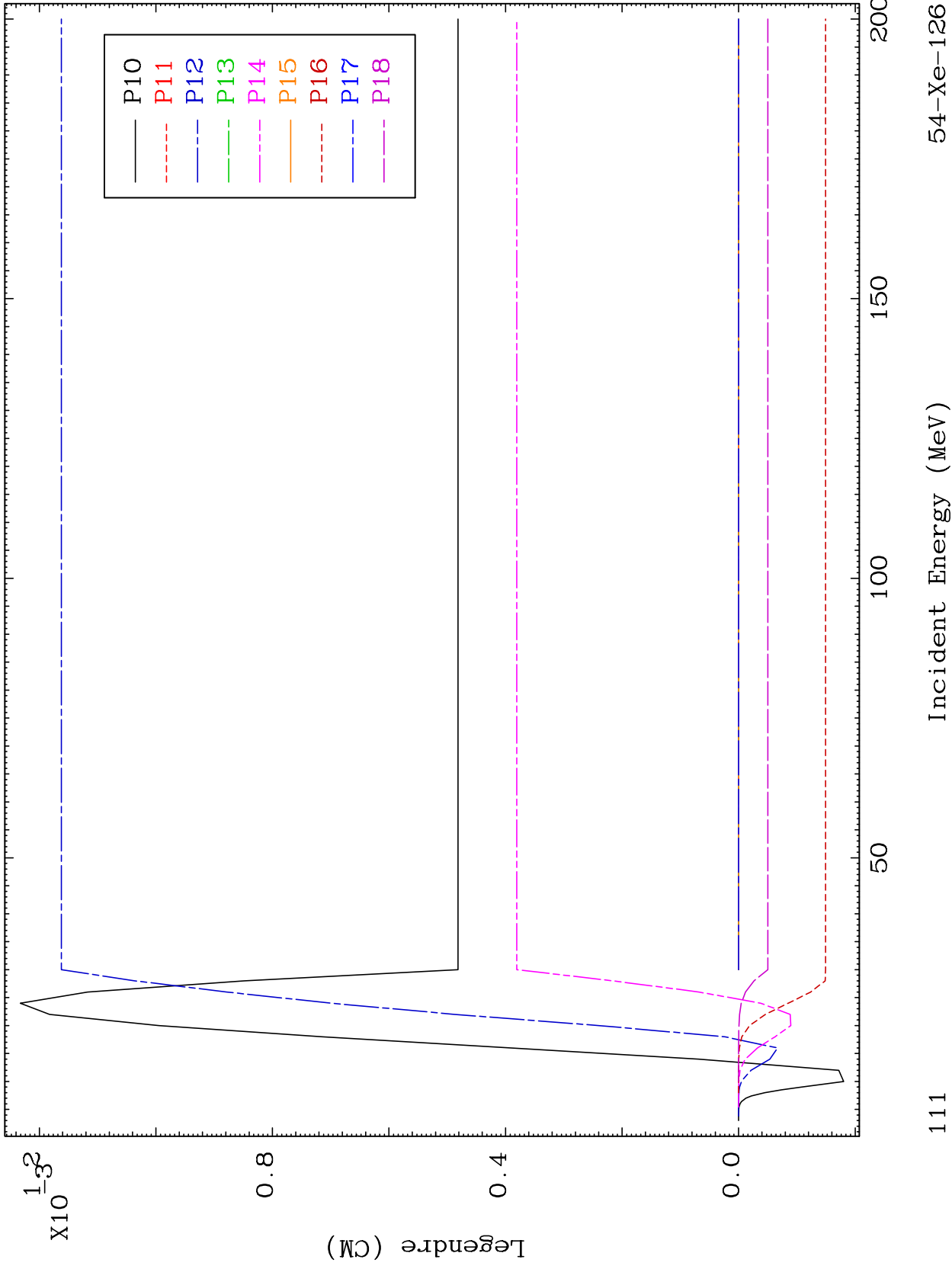
Incident Energy (MeV)

0

MAT 5431

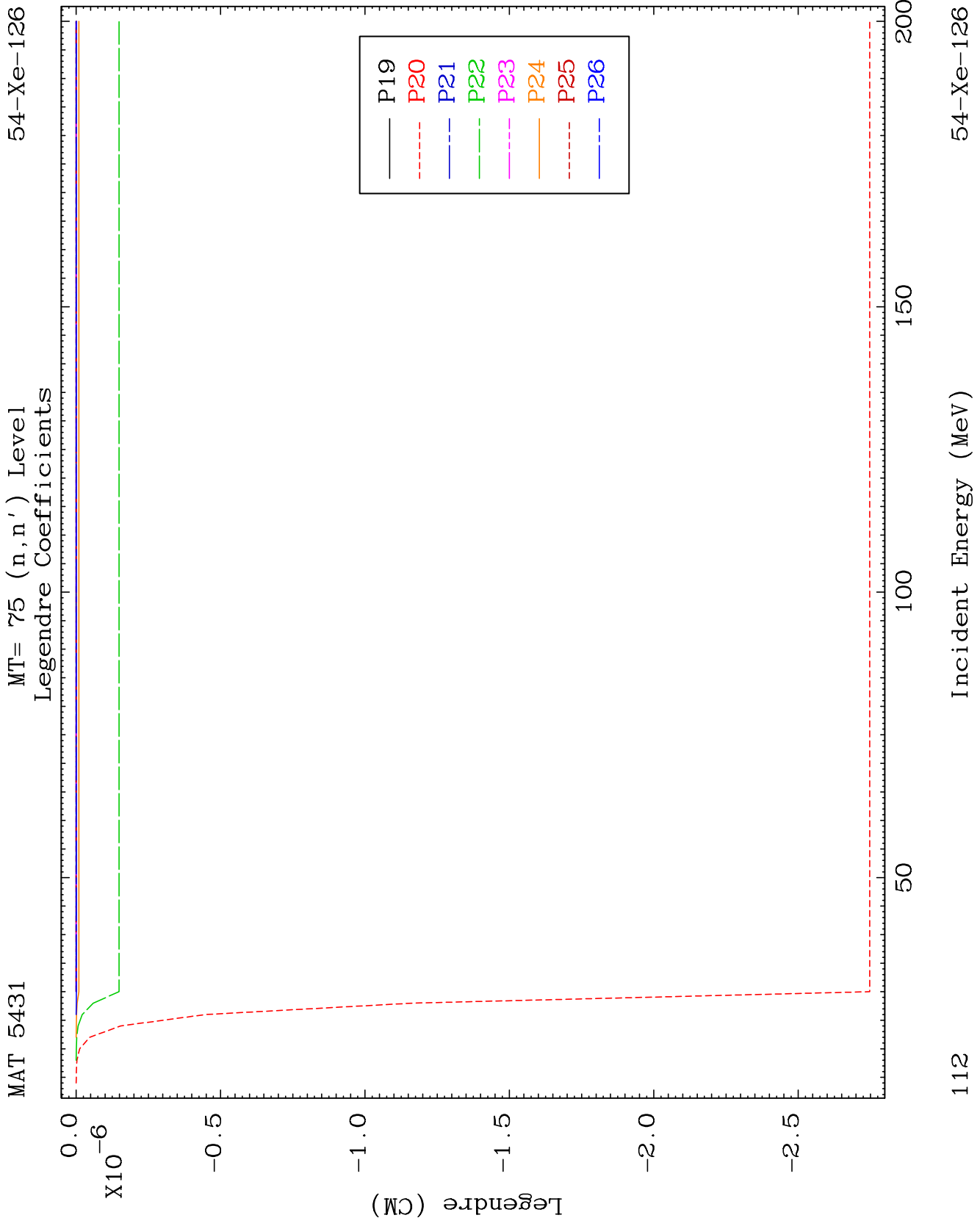
MT= 75 (n,n') Level
Legendre Coefficients

54-Xe-126



111

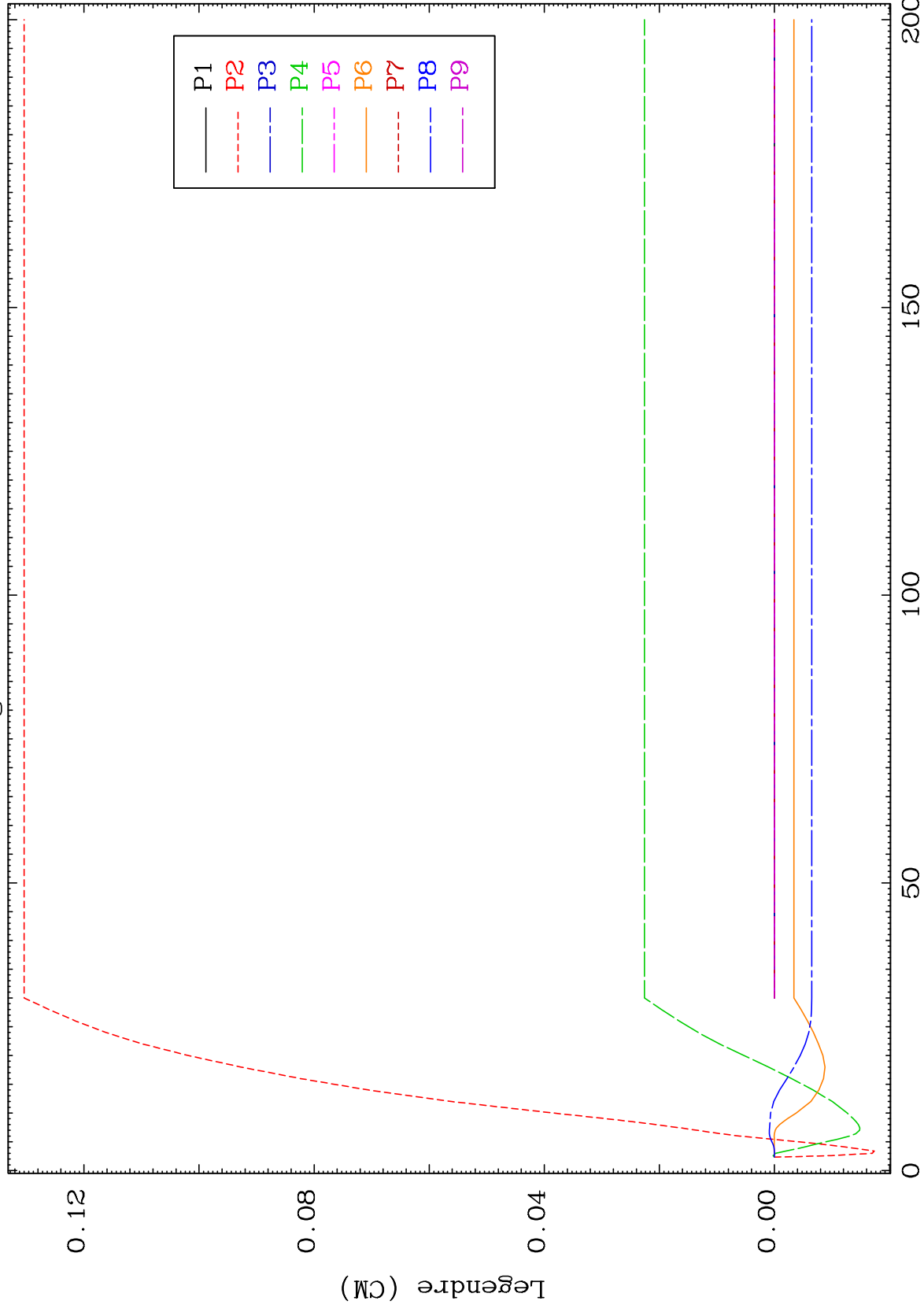
54-Xe-126



MAT 5431

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

54-Xe-126



113

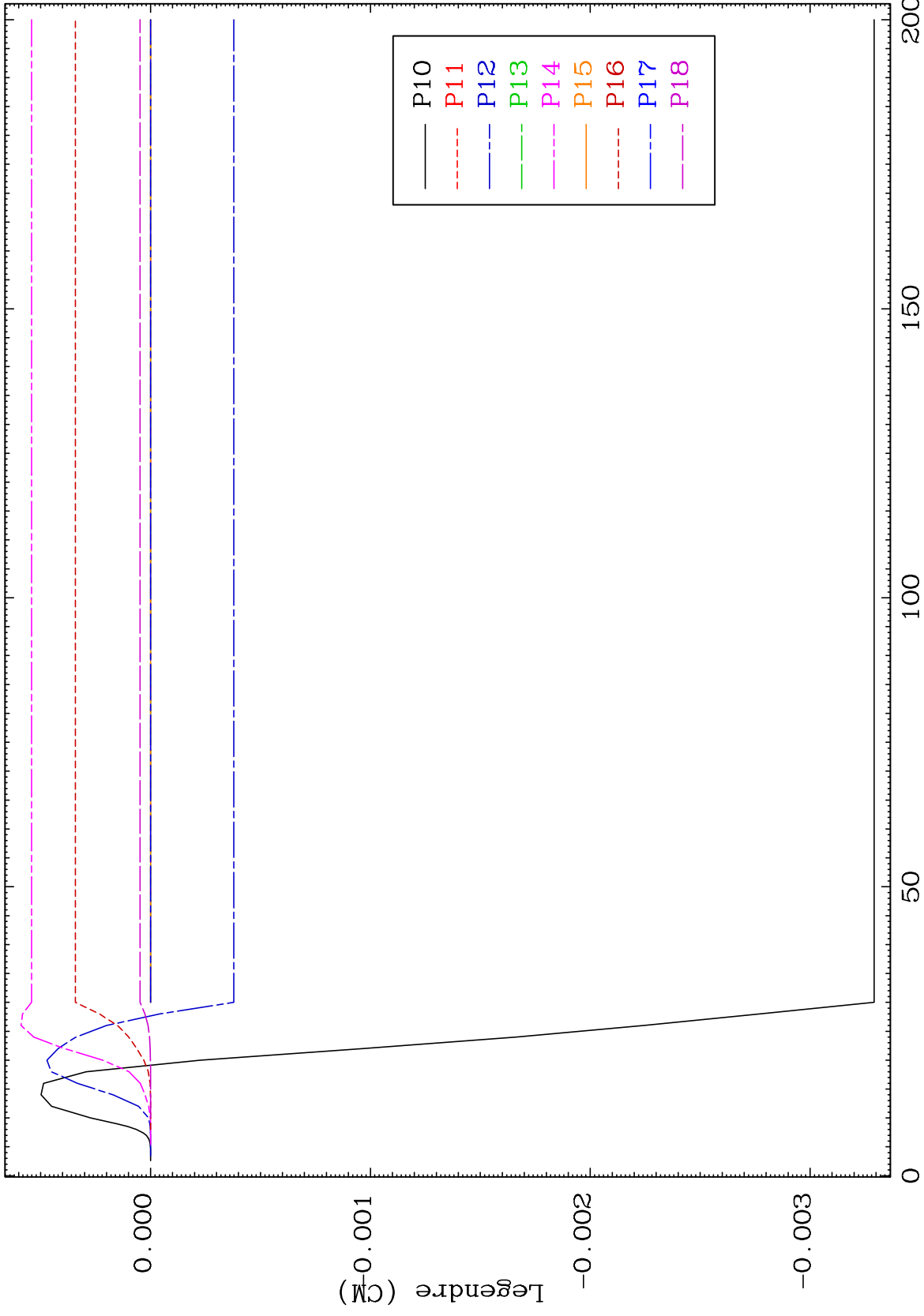
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



114

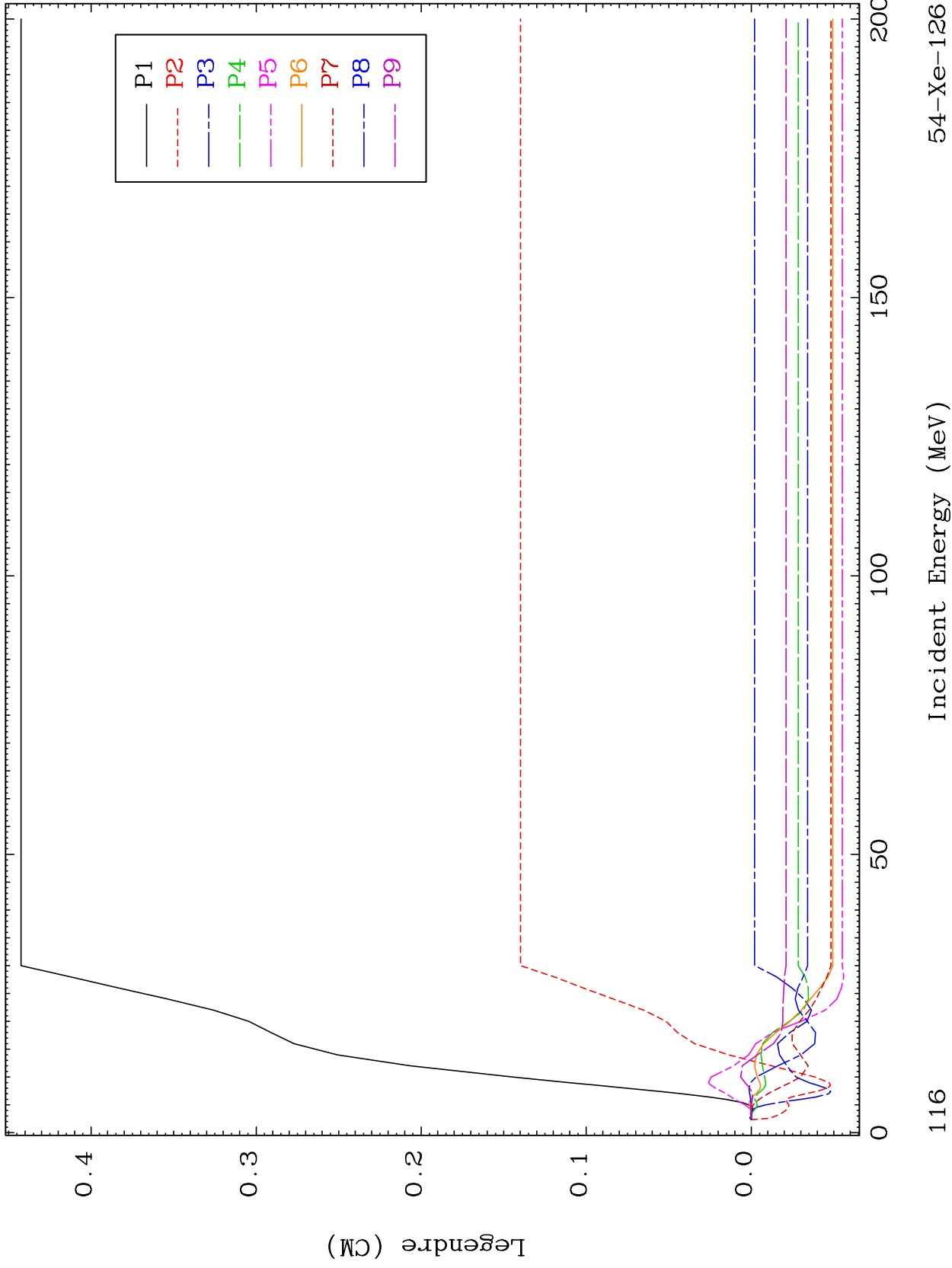
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

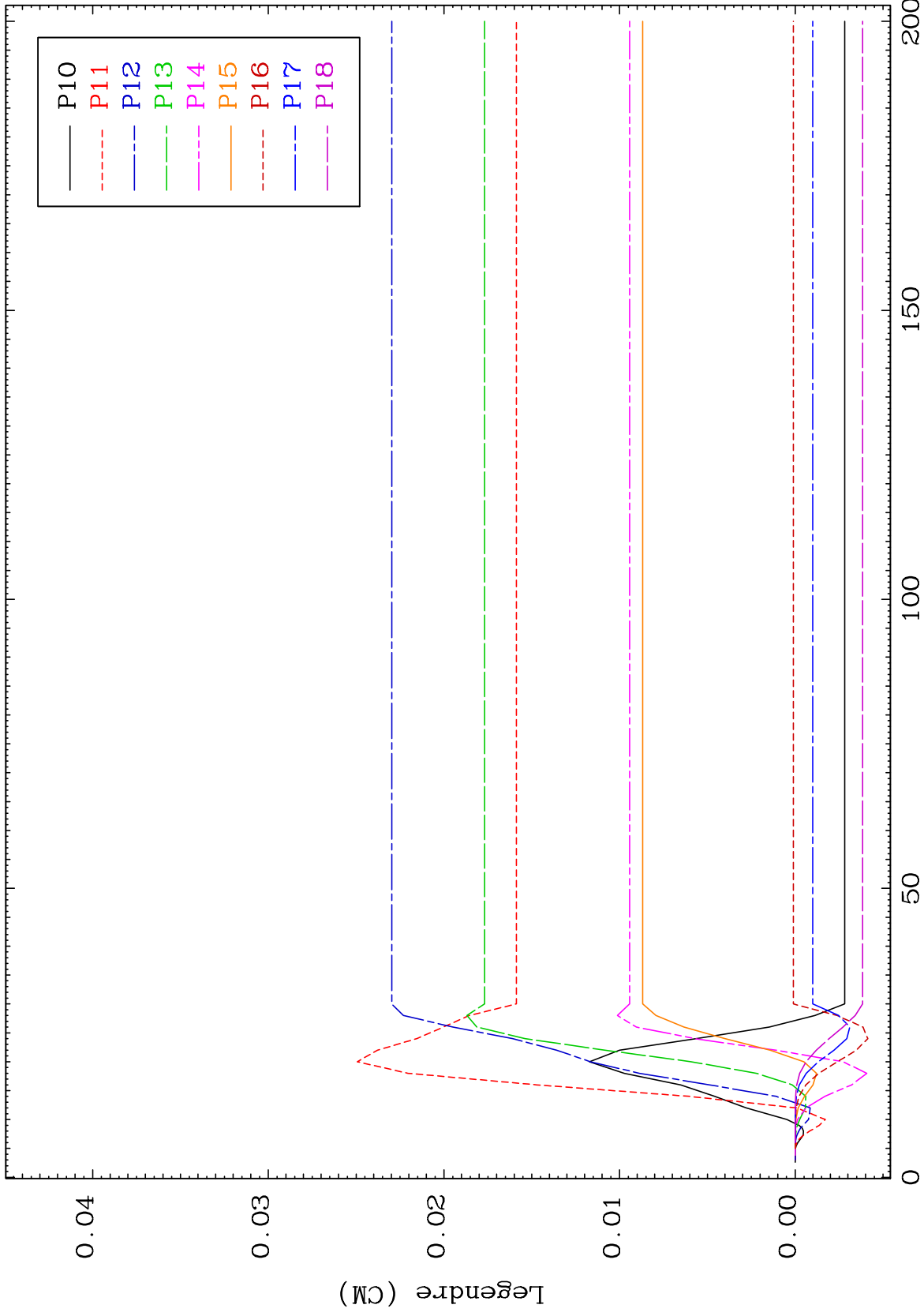
Incident Energy (MeV)

116

MAT 5431

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

54-Xe-126



117

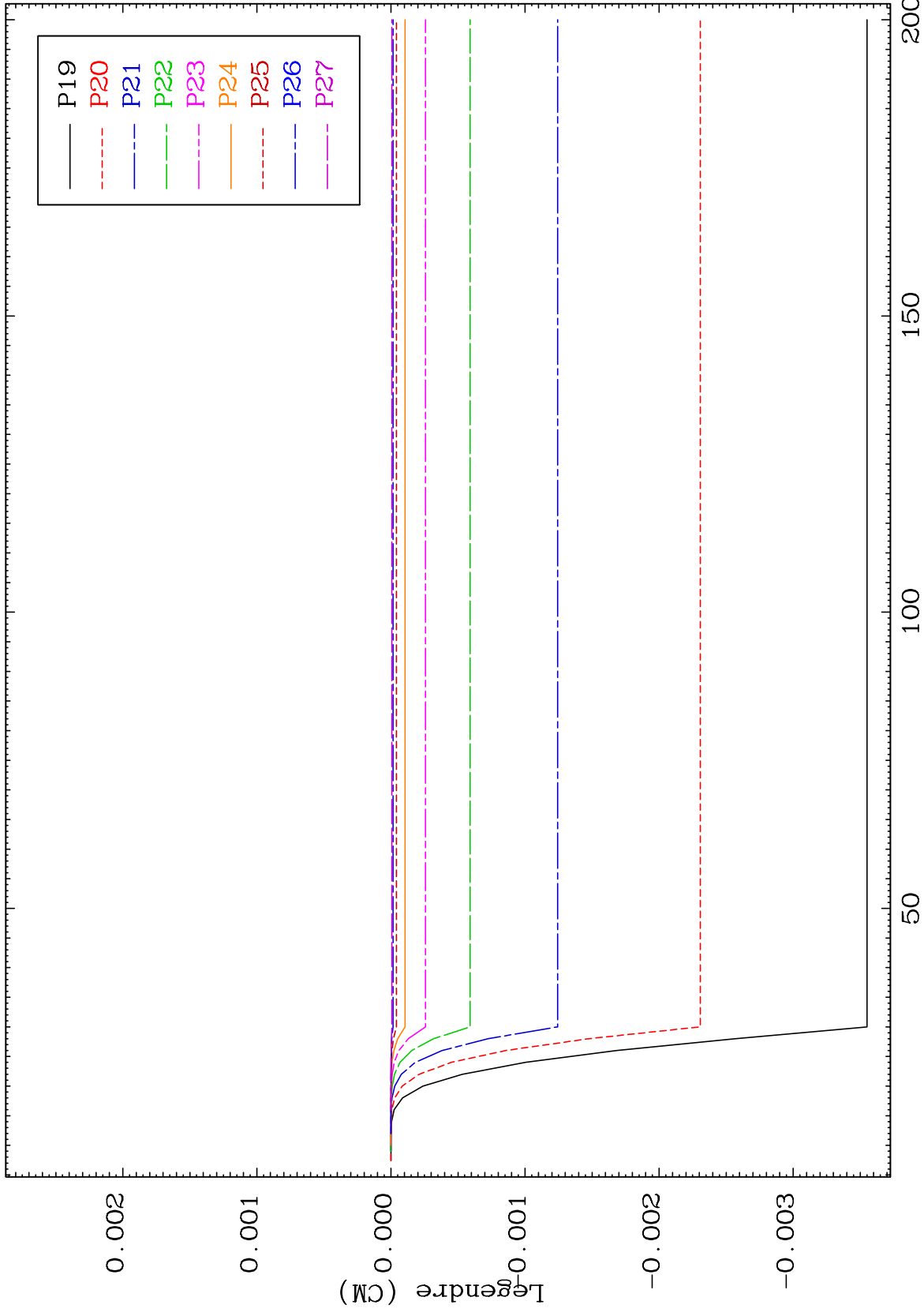
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



118

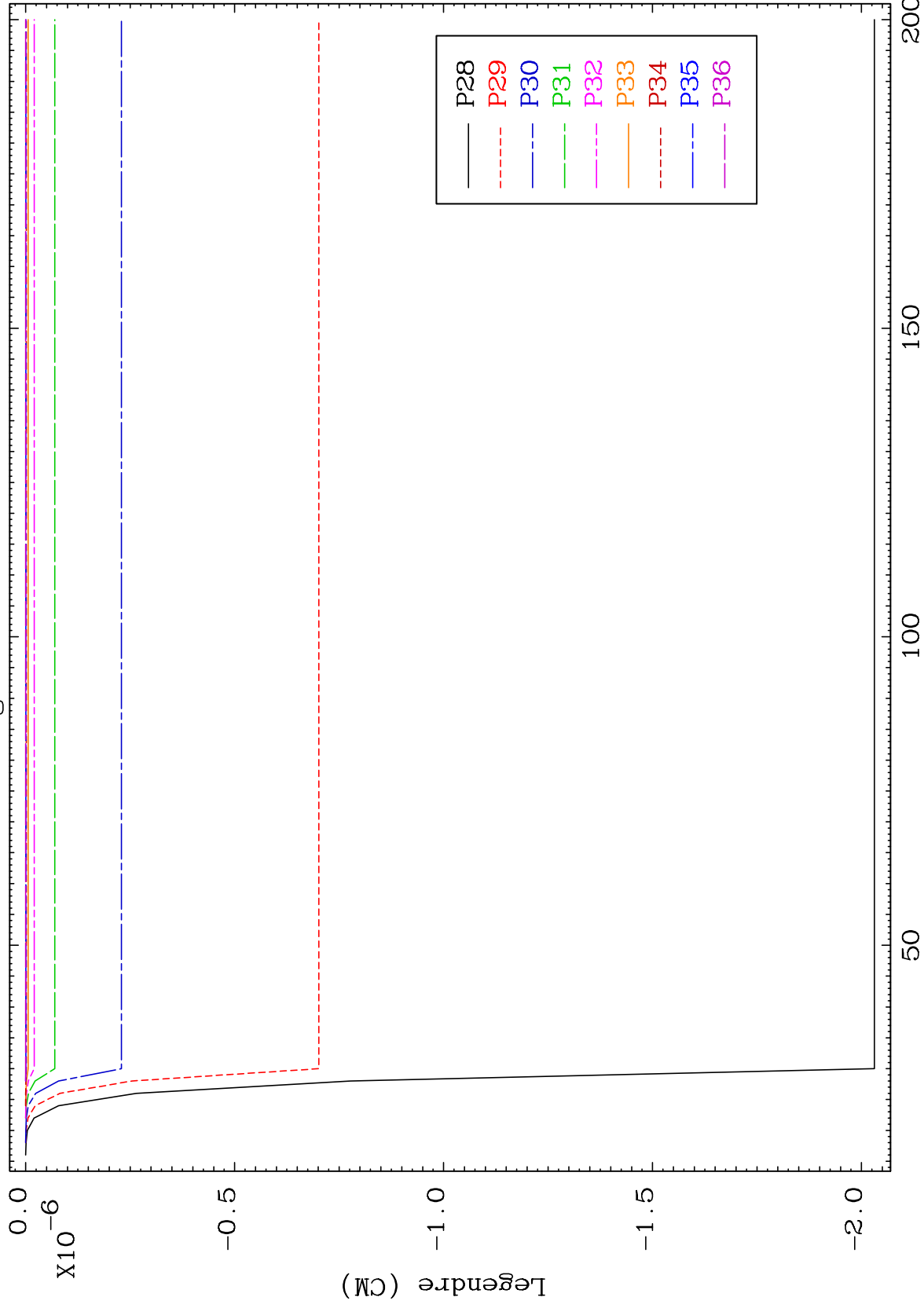
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



119

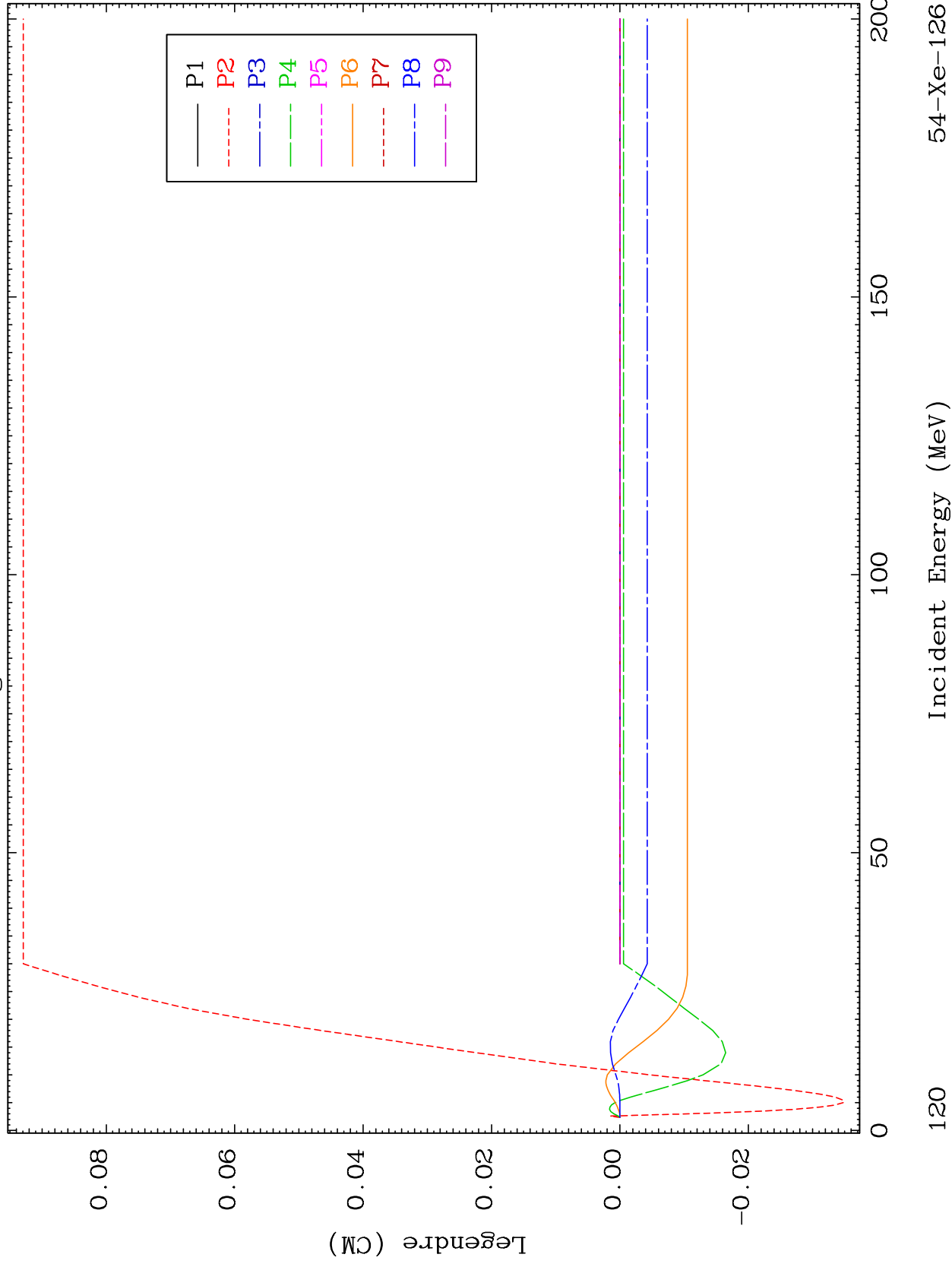
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

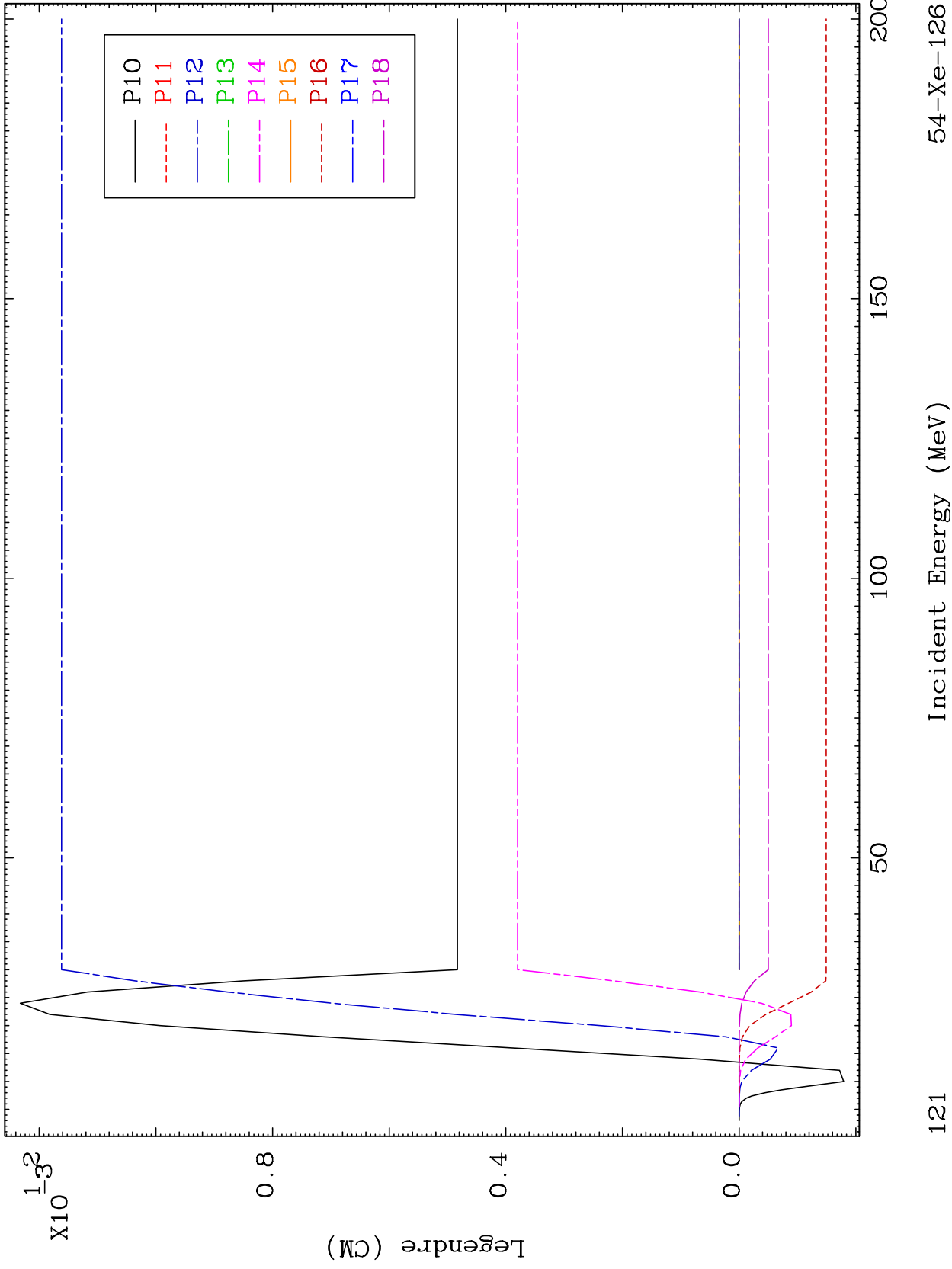
54-Xe-126

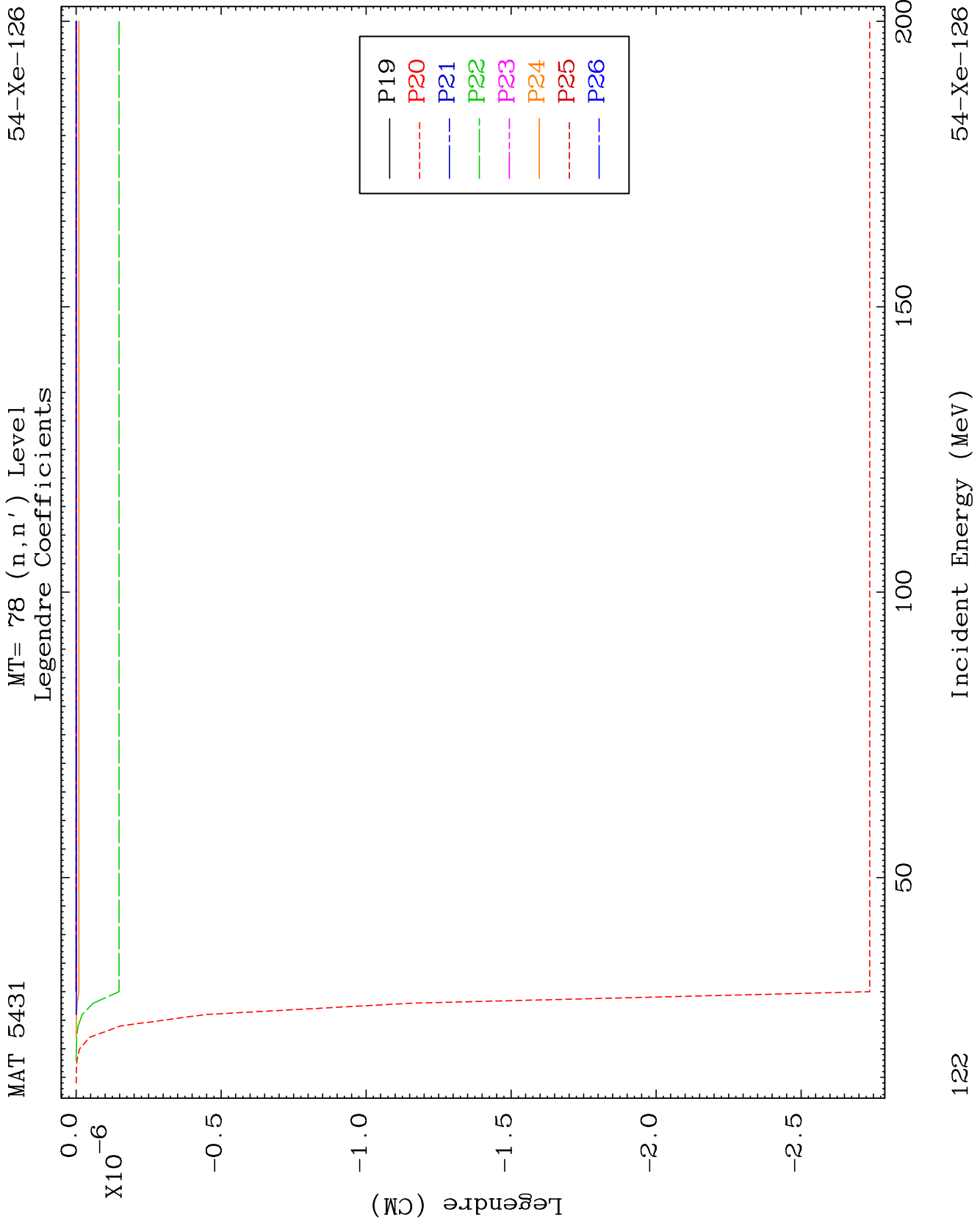


MAT 5431

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

54-Xe-126

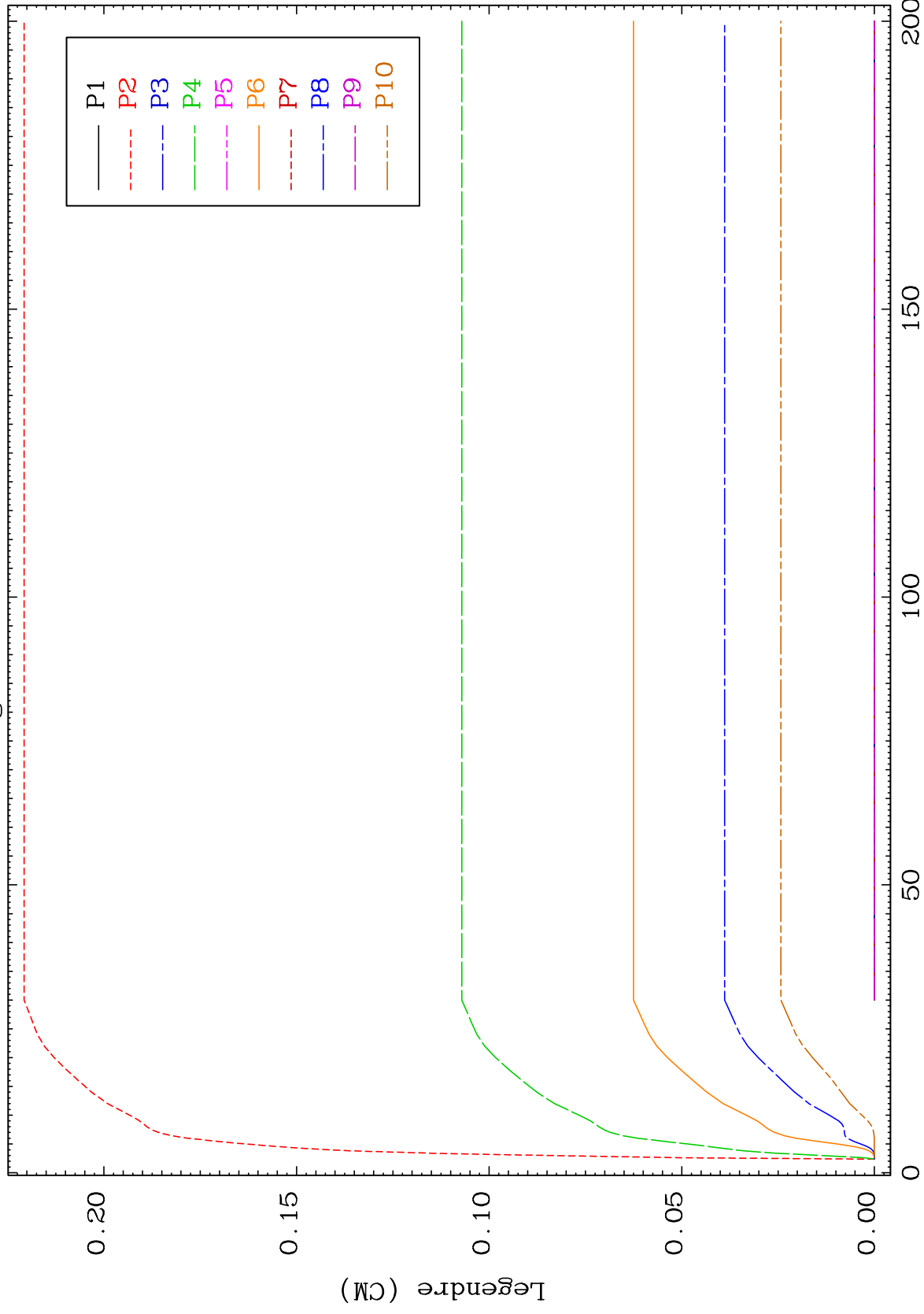




MAT 5431

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

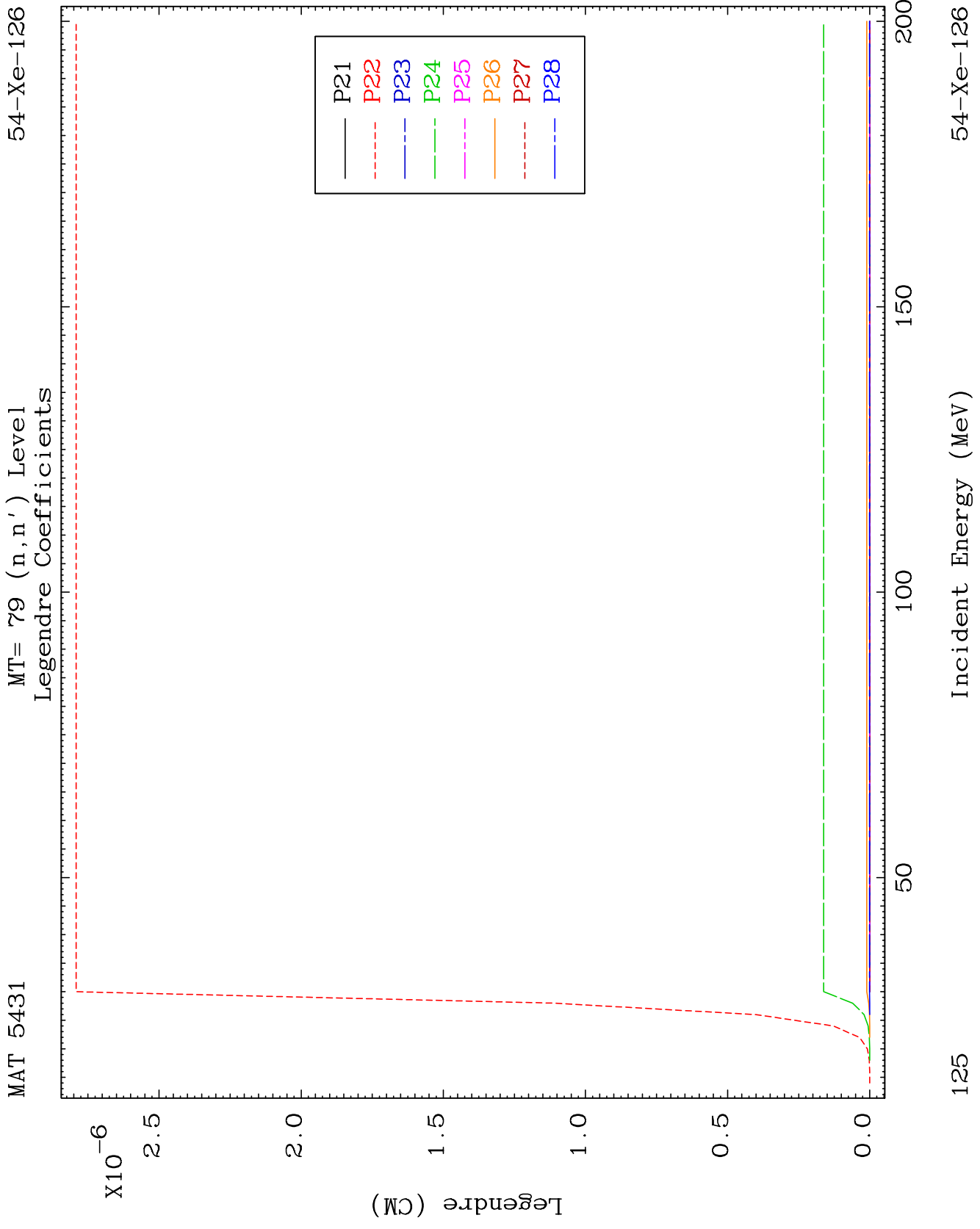
54-Xe-126



54-Xe-126

Incident Energy (MeV)

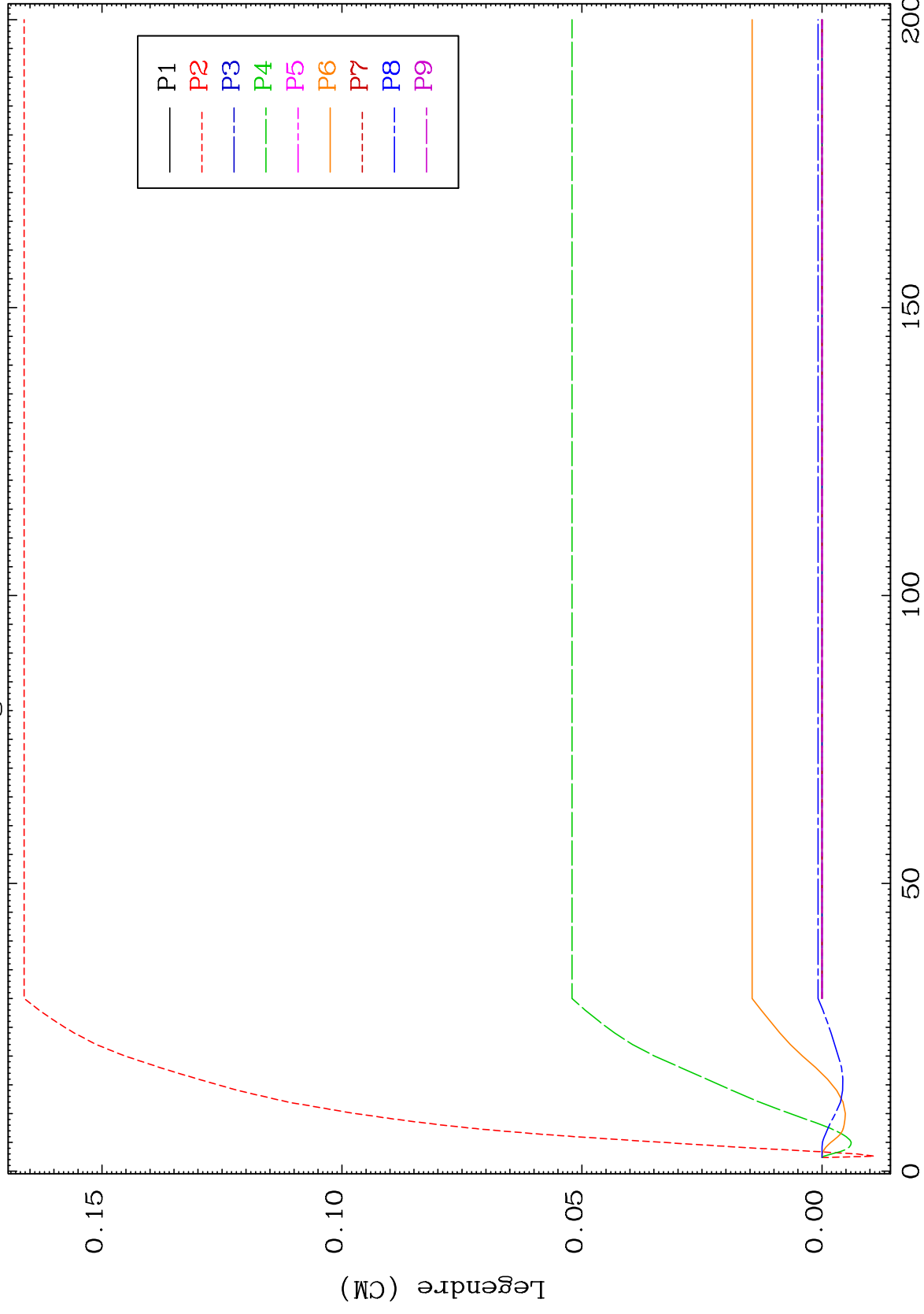
123



MAT 5431

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

54-Xe-126



54-Xe-126

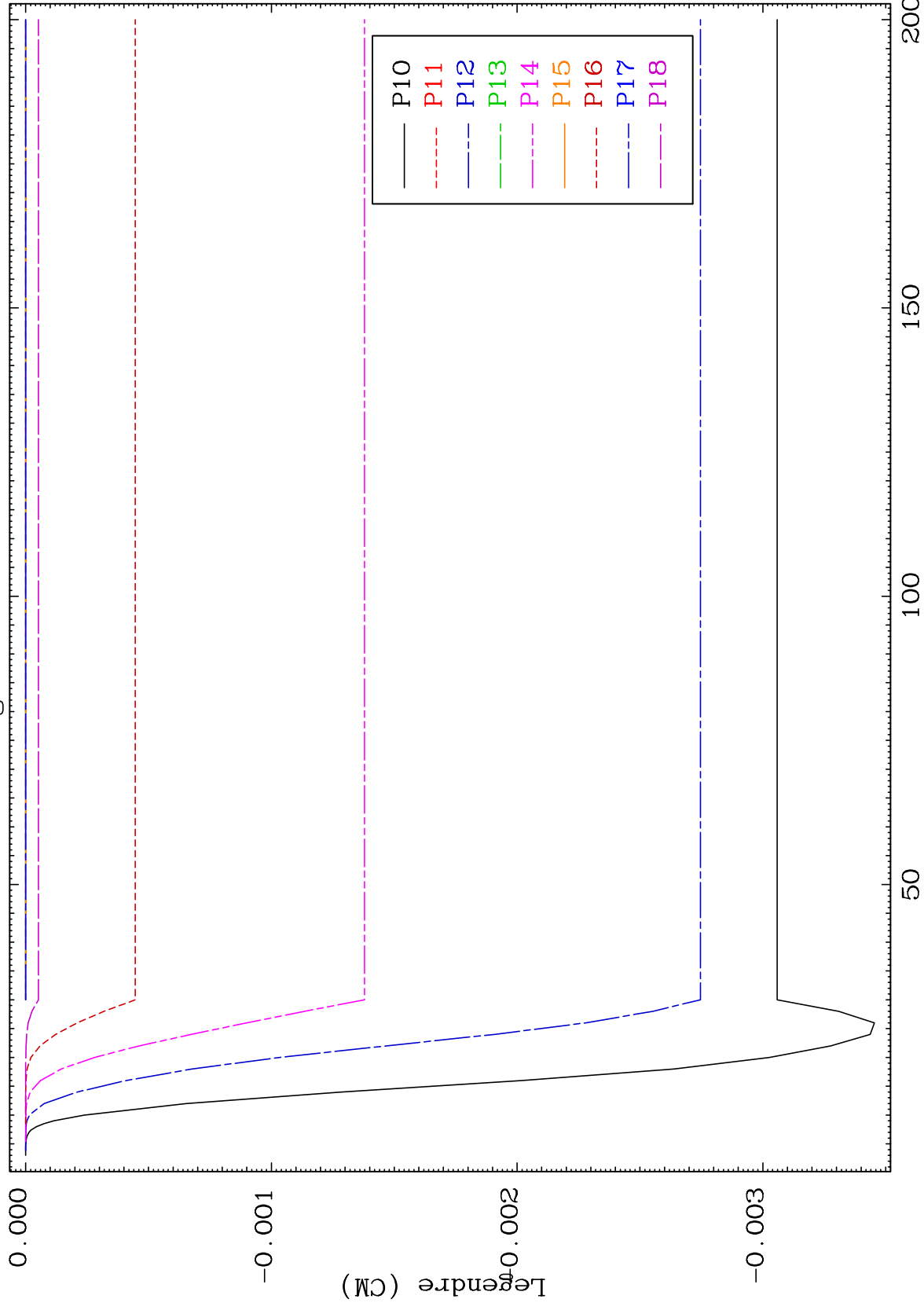
Incident Energy (MeV)

126

MAT 5431

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

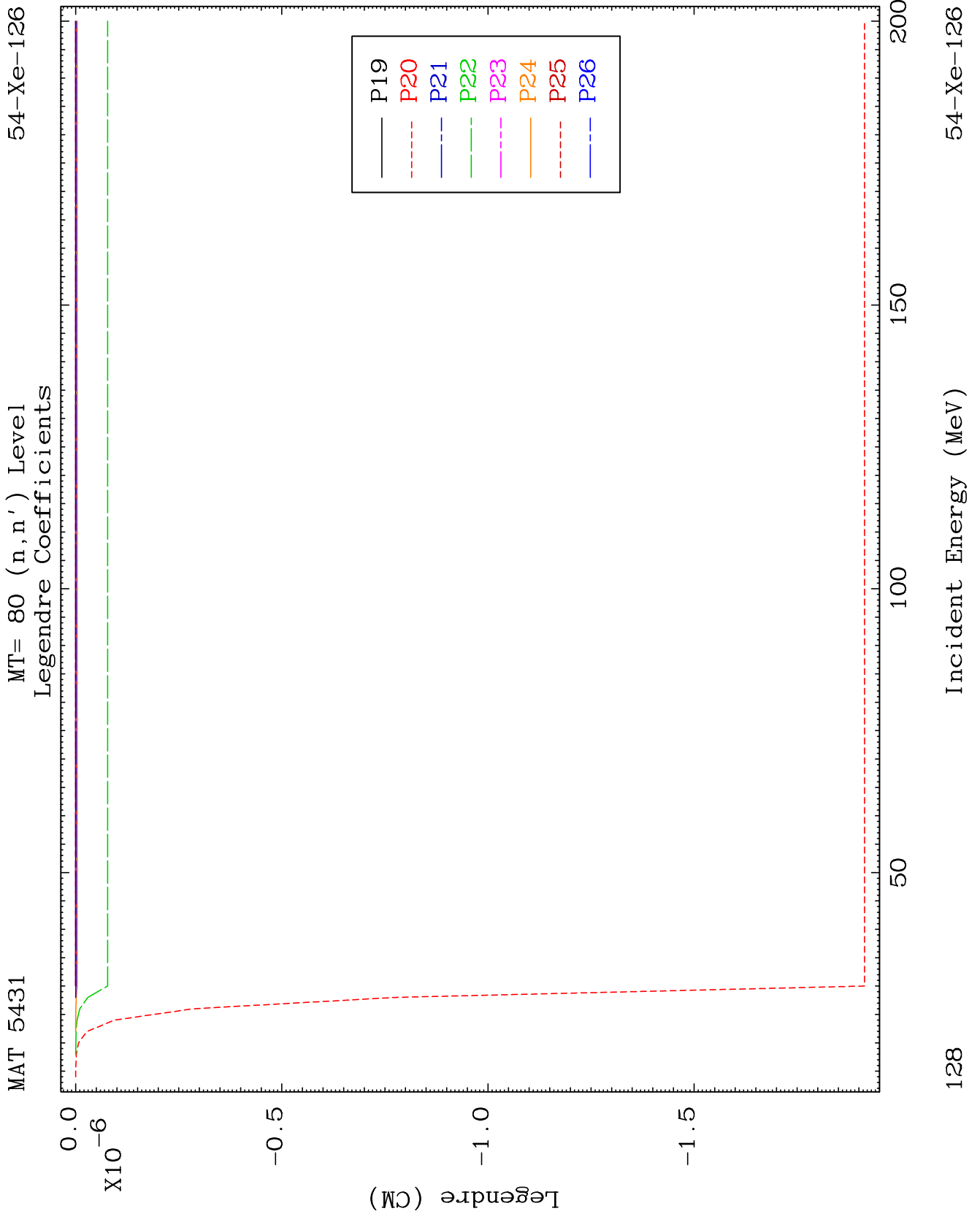
54-Xe-126



127

Incident Energy (MeV)

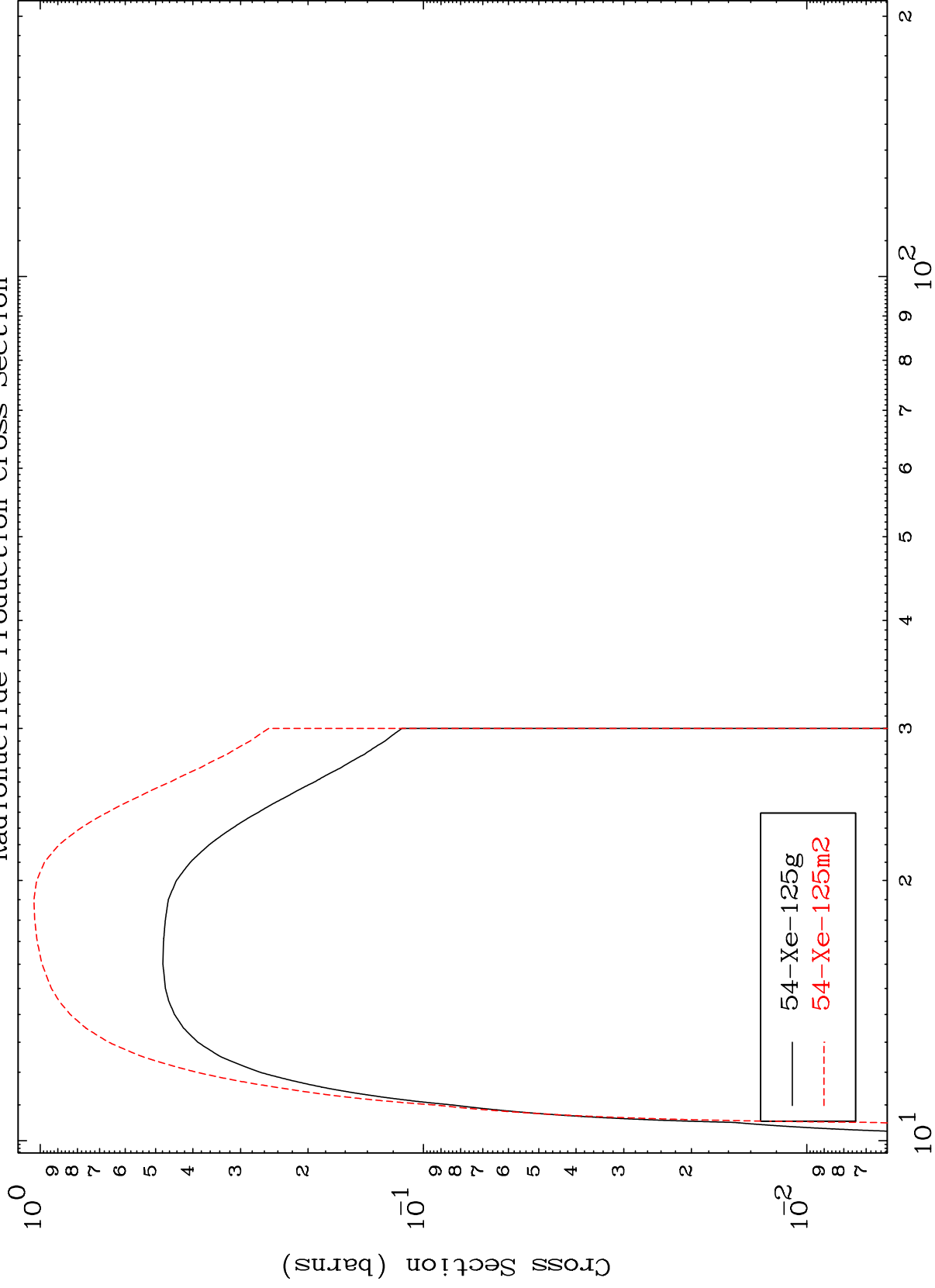
54-Xe-126



MAT 5431

54-Xe-126

(n,2n)
Radionuclide Production Cross Section



54-Xe-126

Incident Energy (MeV)

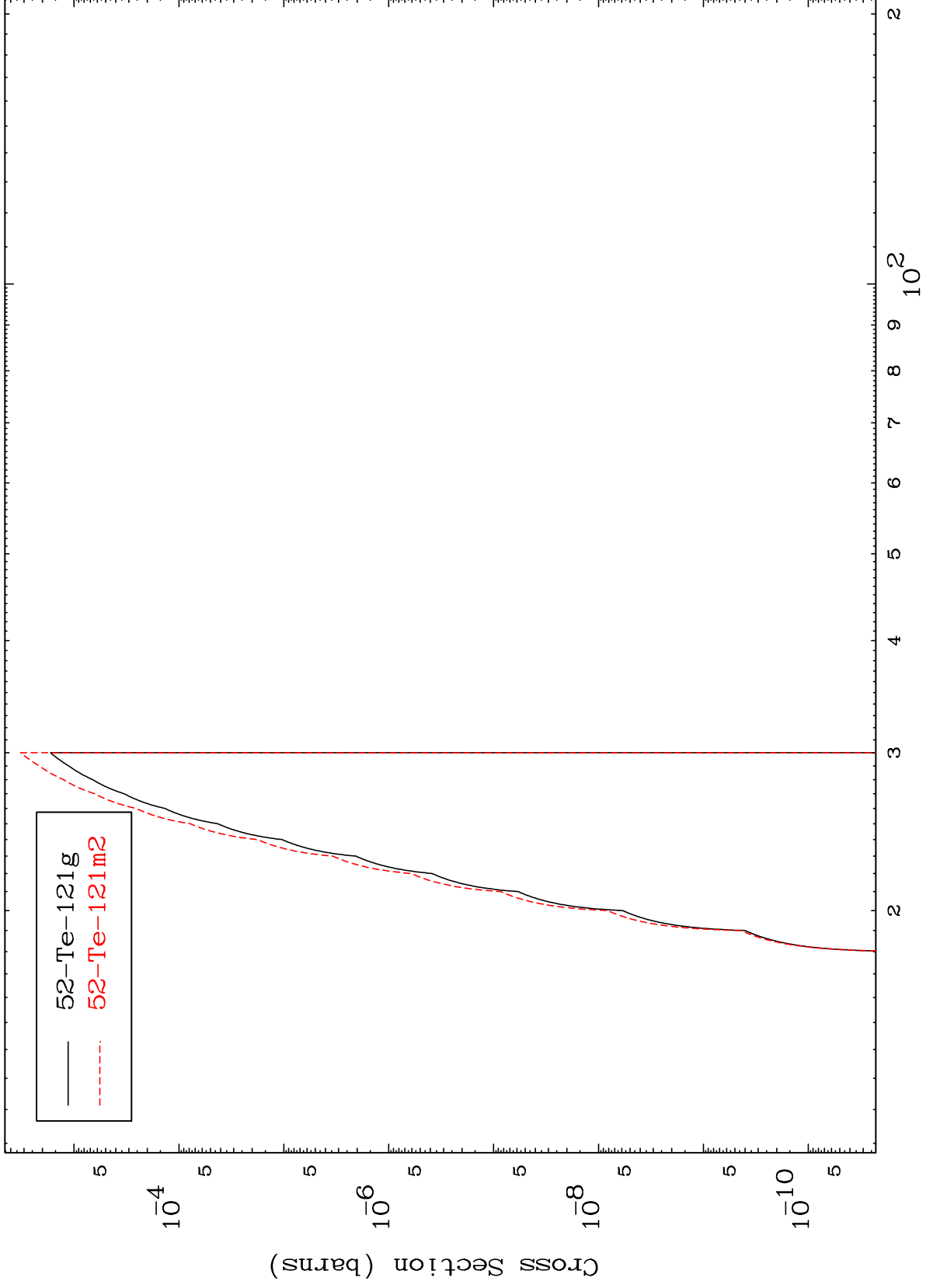
129

MAT 5431

(n,2n) α

54-Xe-126

Radionuclide Production Cross Section



130

Incident Energy (MeV)

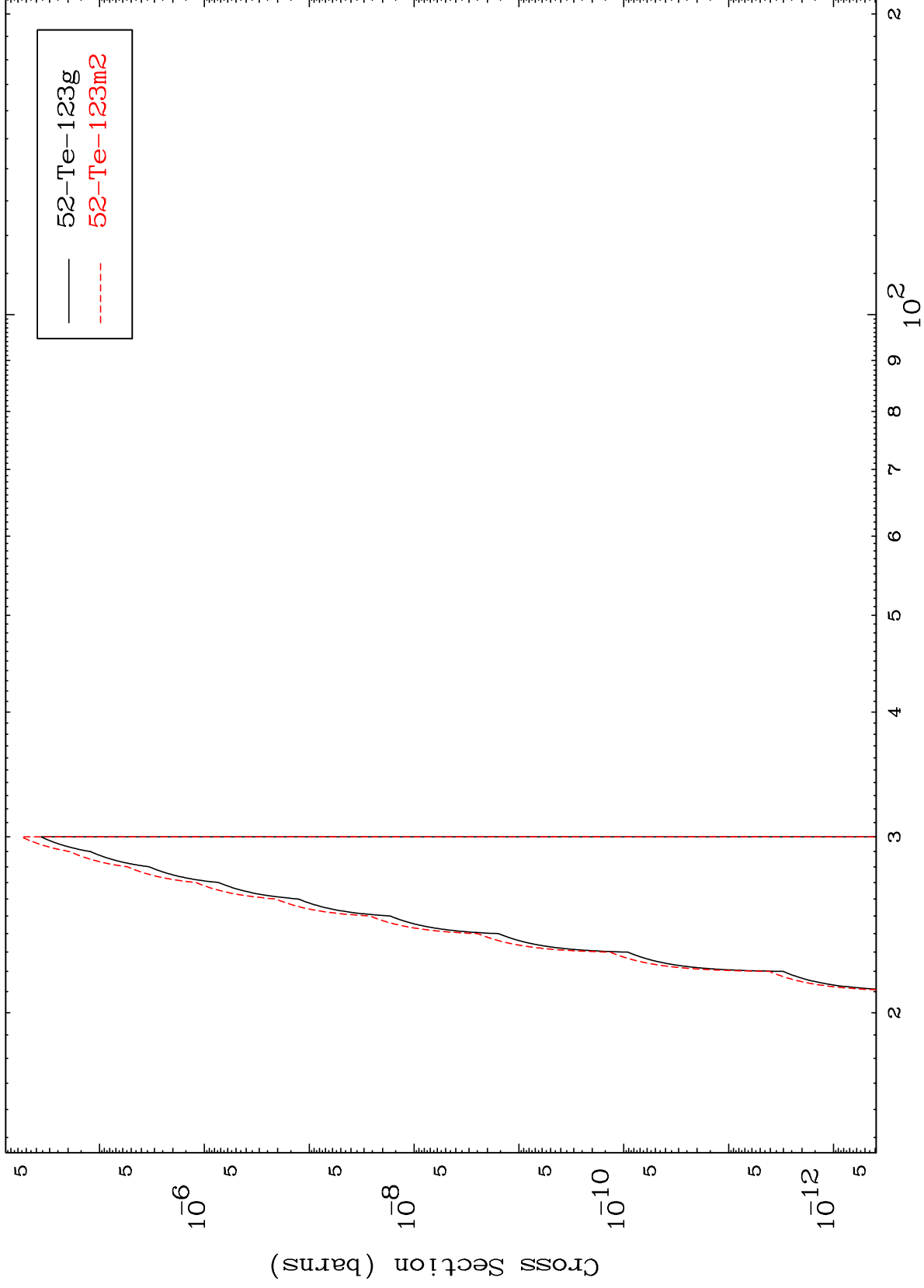
54-Xe-126

MAT 5431

(n,n') He-3

54-Xe-126

Radionuclide Production Cross Section

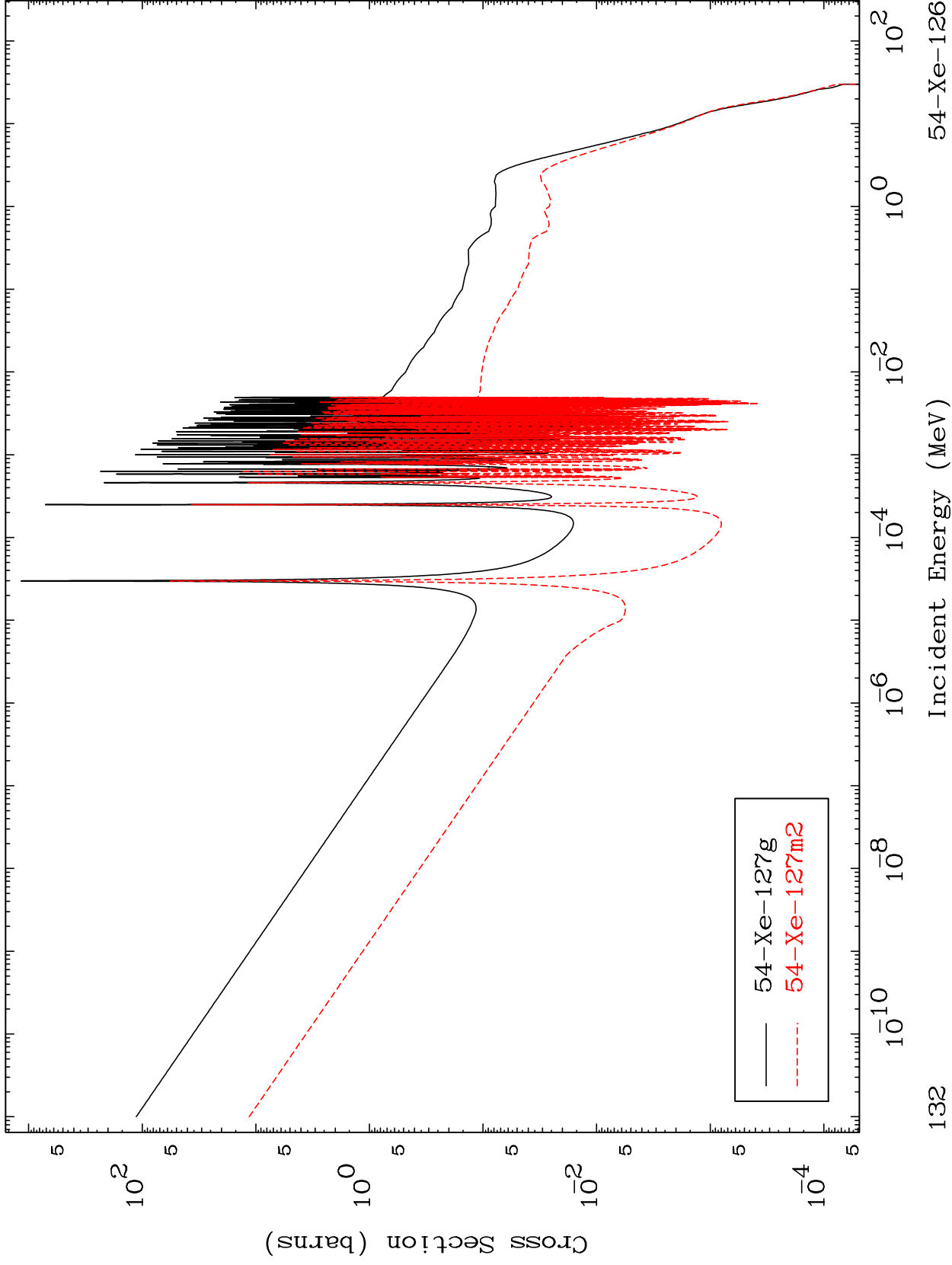


131

Incident Energy (MeV)

54-Xe-126

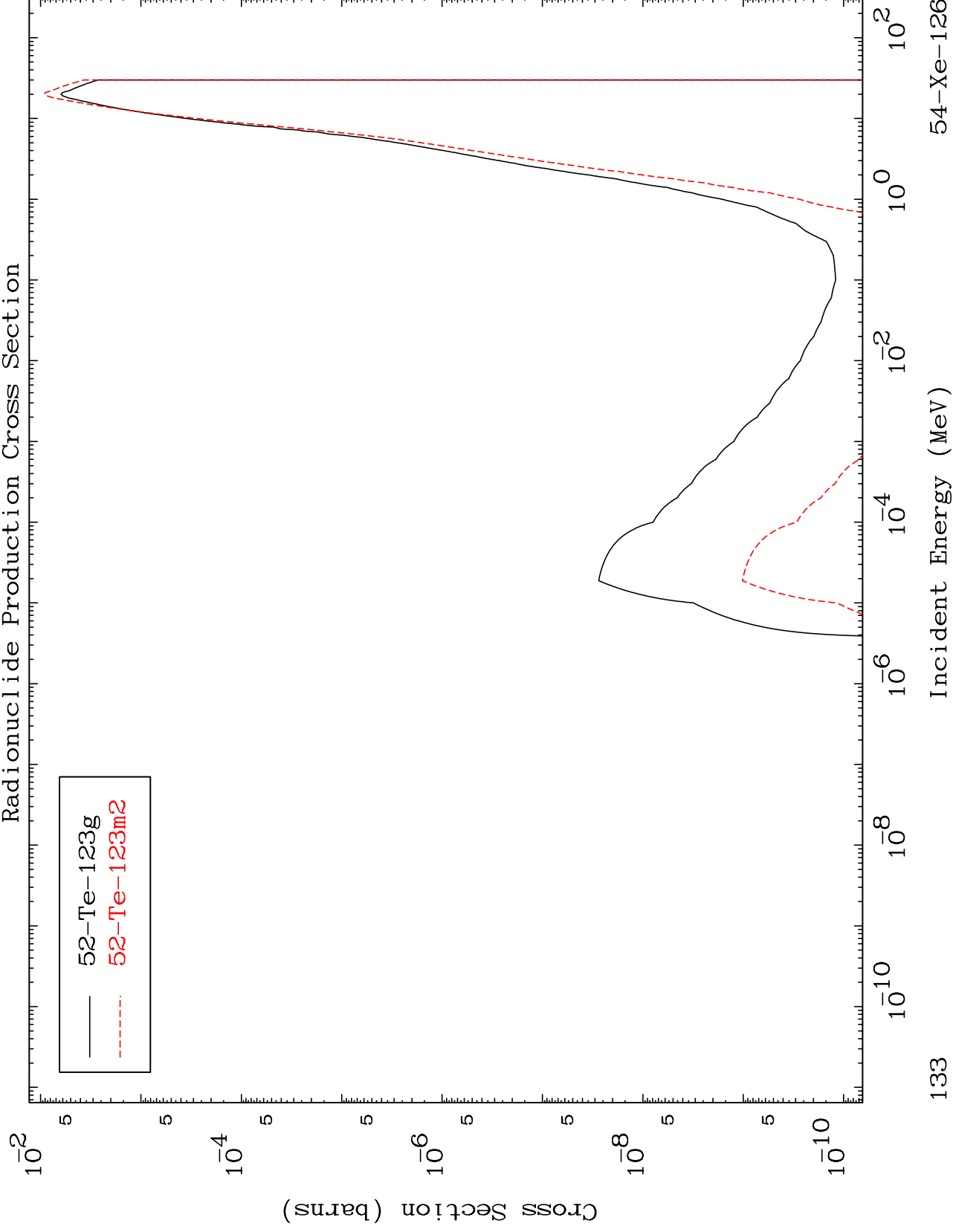
(n,γ)
Radionuclide Production Cross Section



MAT 5431

54-Xe-126

Radionuclide Production Cross Section



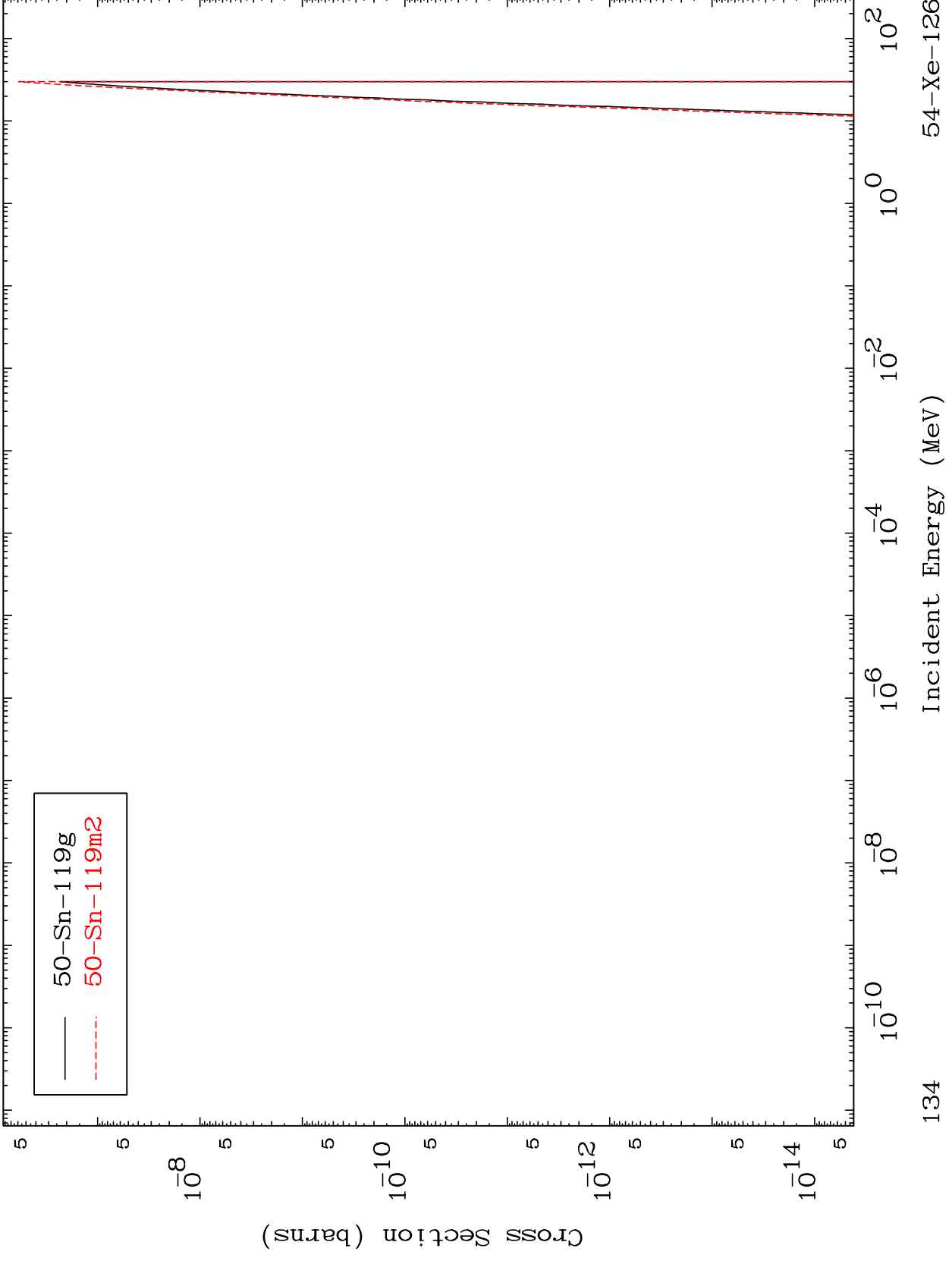
133

MAT 5431

(n,2α)

54-Xe-126

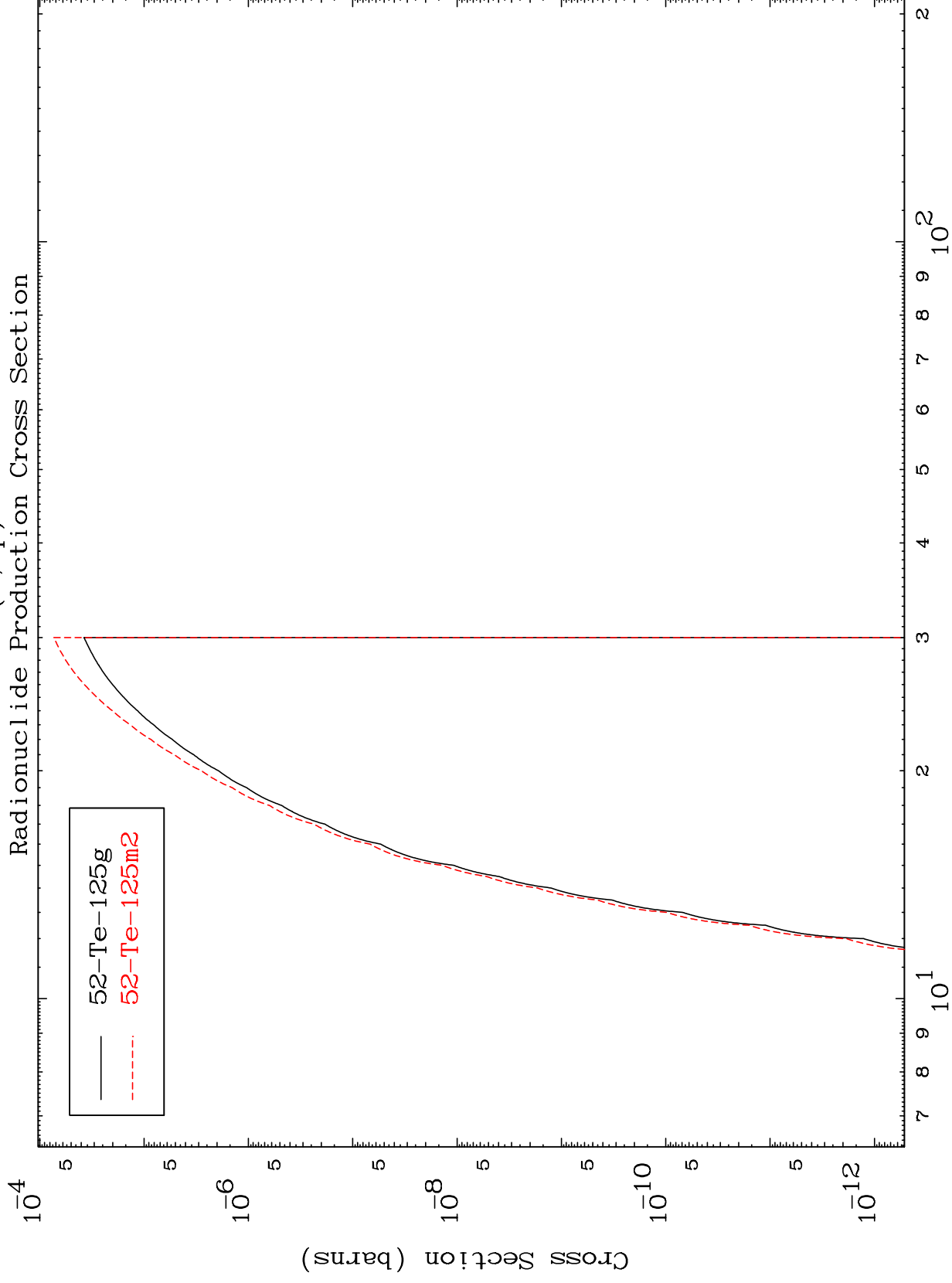
Radionuclide Production Cross Section



MAT 5431

54-Xe-126

Radionuclide Production Cross Section
(n,2p)



135

Incident Energy (MeV)

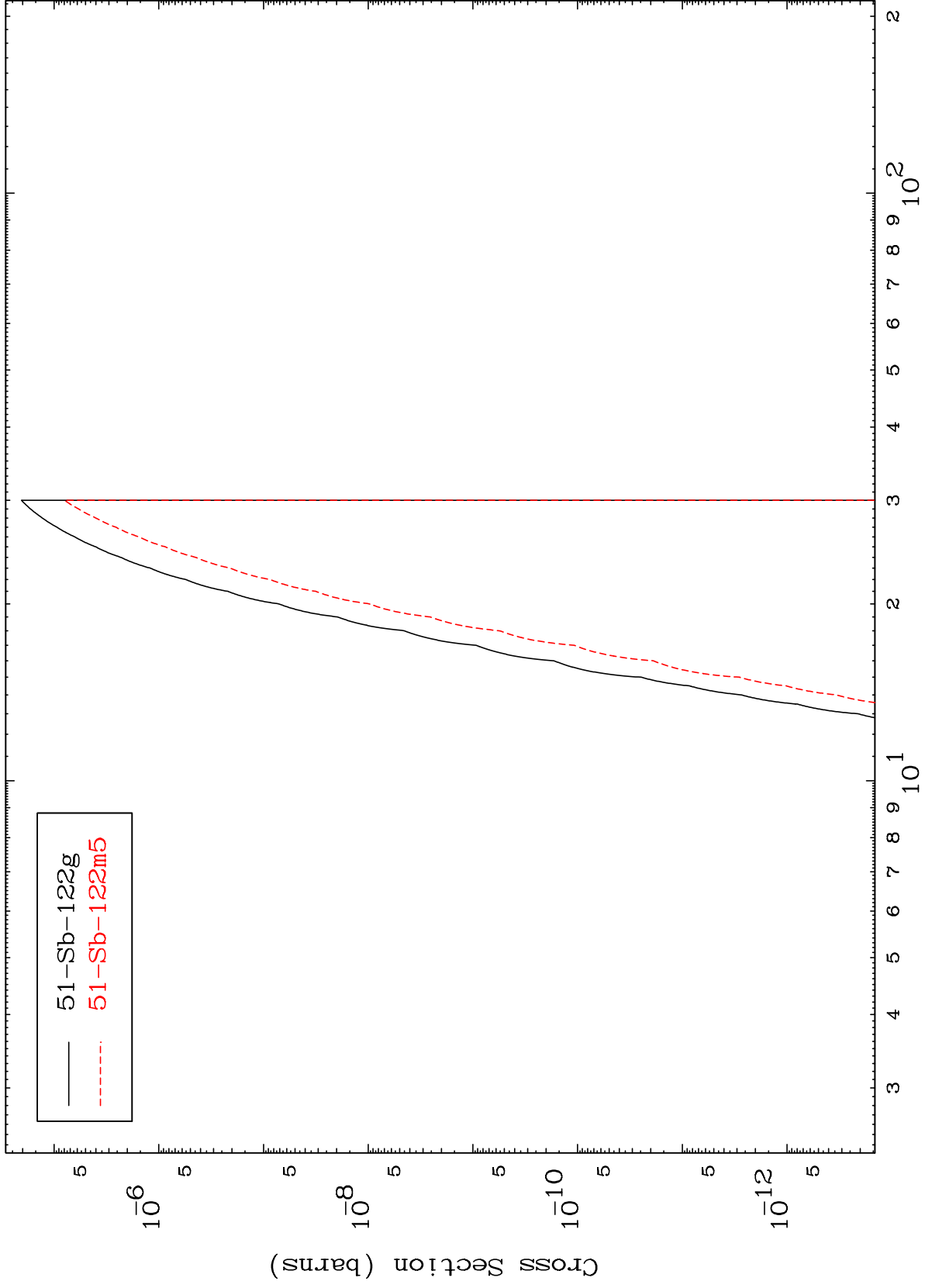
54-Xe-126

MAT 5431

(n,p) α

54-Xe-126

Radionuclide Production Cross Section



136

Incident Energy (MeV)

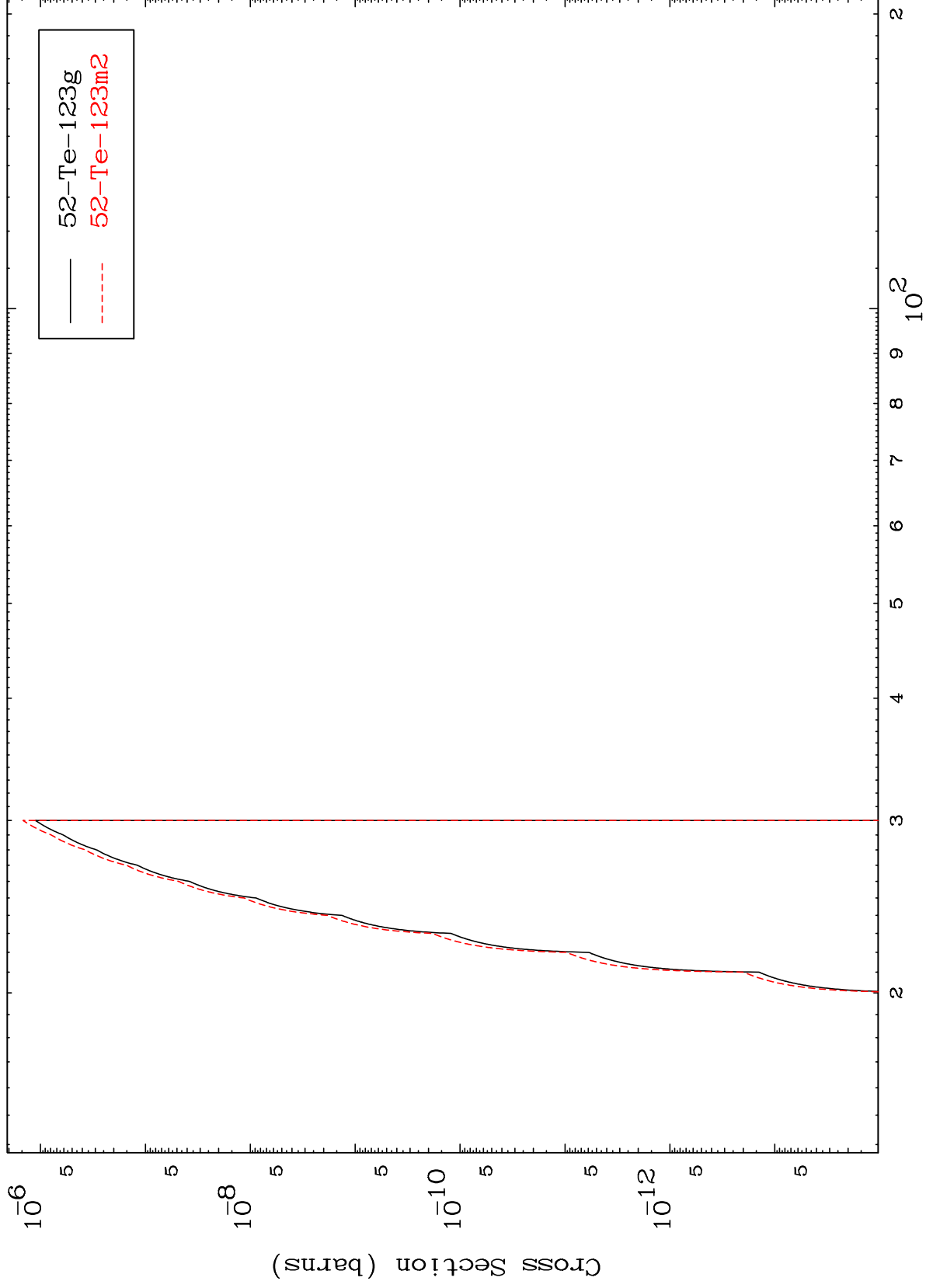
54-Xe-126

MAT 5431

(n,p) t

54-Xe-126

Radionuclide Production Cross Section



137

Incident Energy (MeV)

54-Xe-126