

Program EVALPLOT
(Version 2021-1)

by

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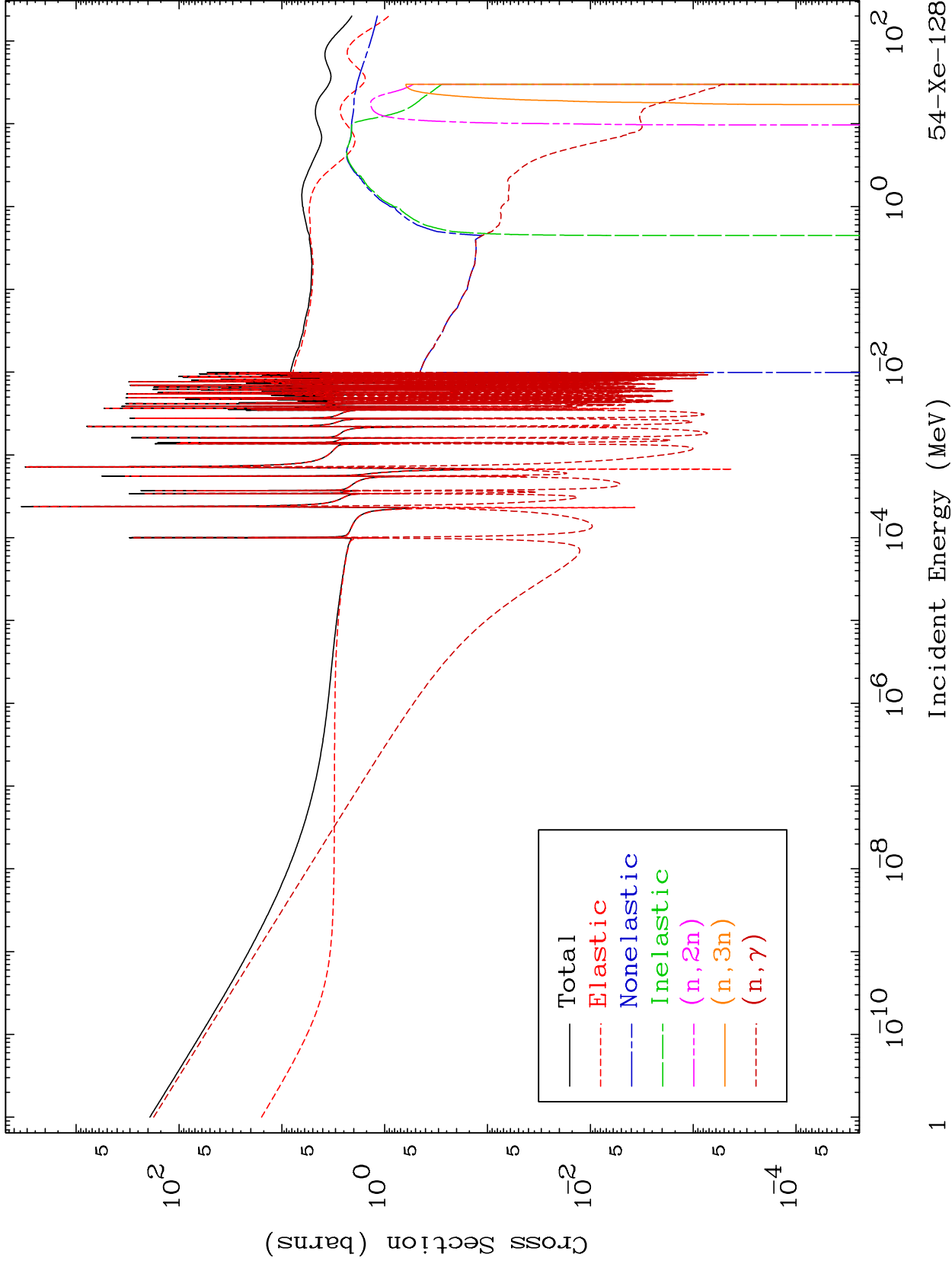
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Press Mouse Button to Start

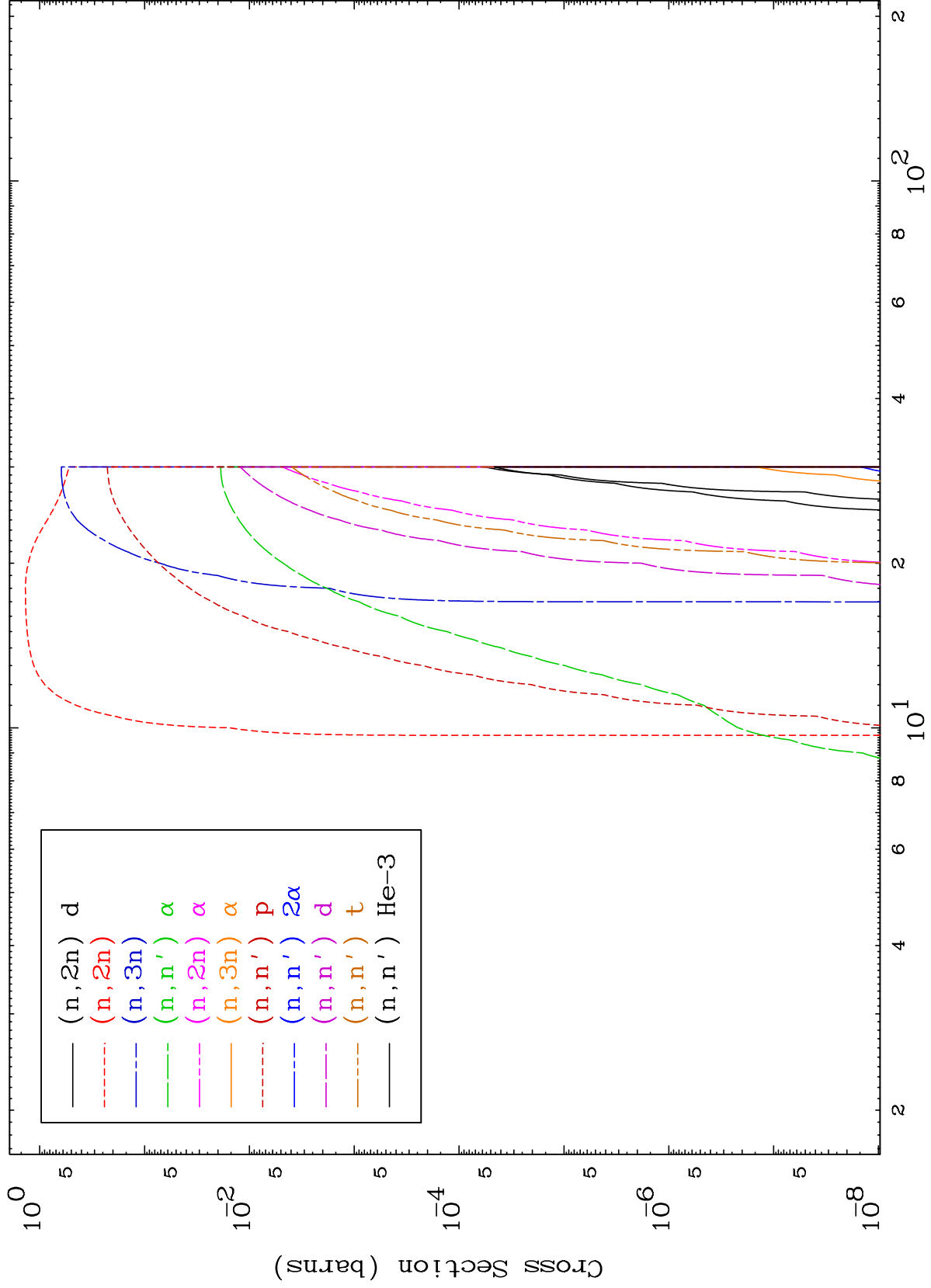
MAT 5437

Neutron Major
293 Kelvin Cross Sections

54-Xe-128



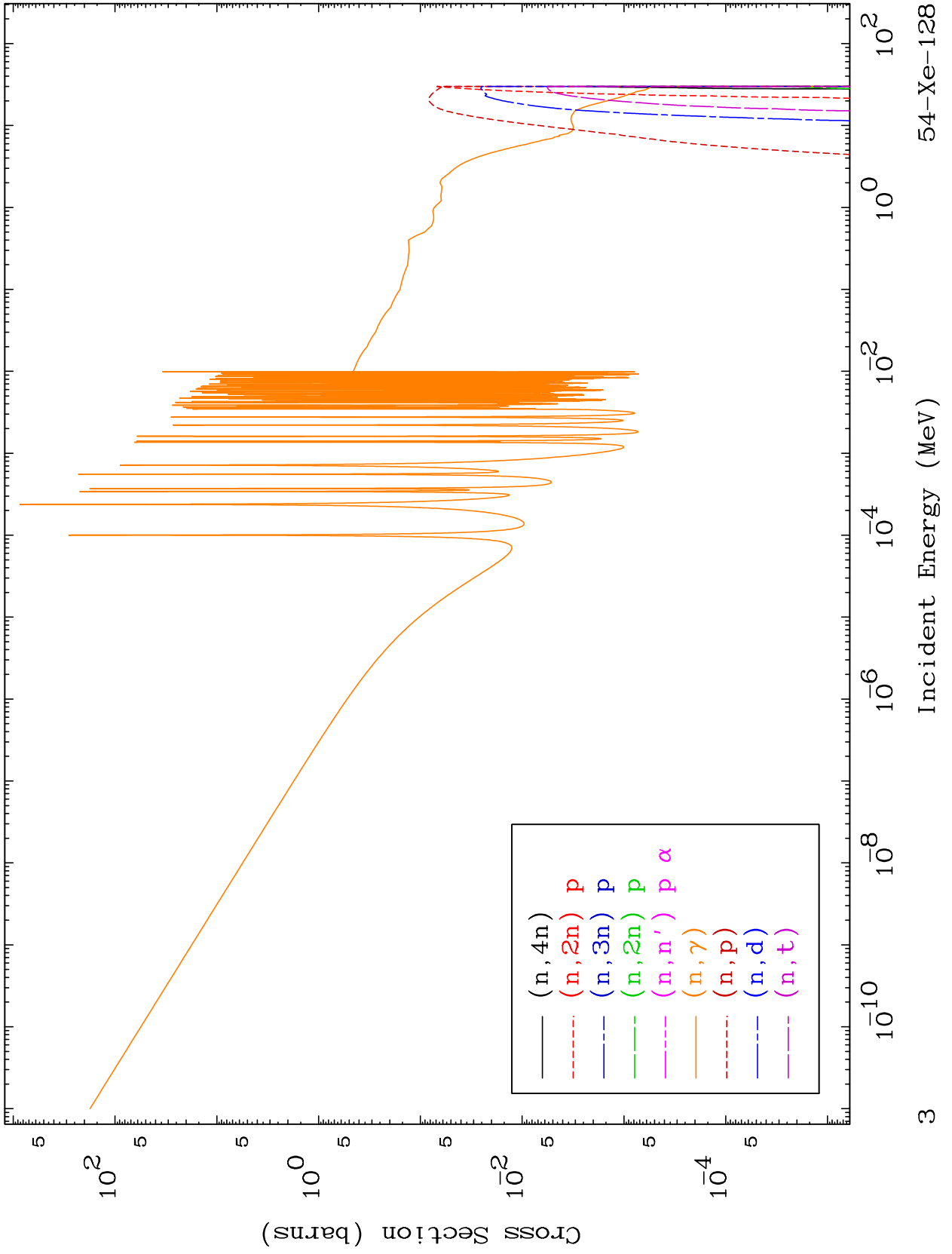
54-Xe-128



MAT 5437

Neutron Absorption
293 Kelvin Cross Sections

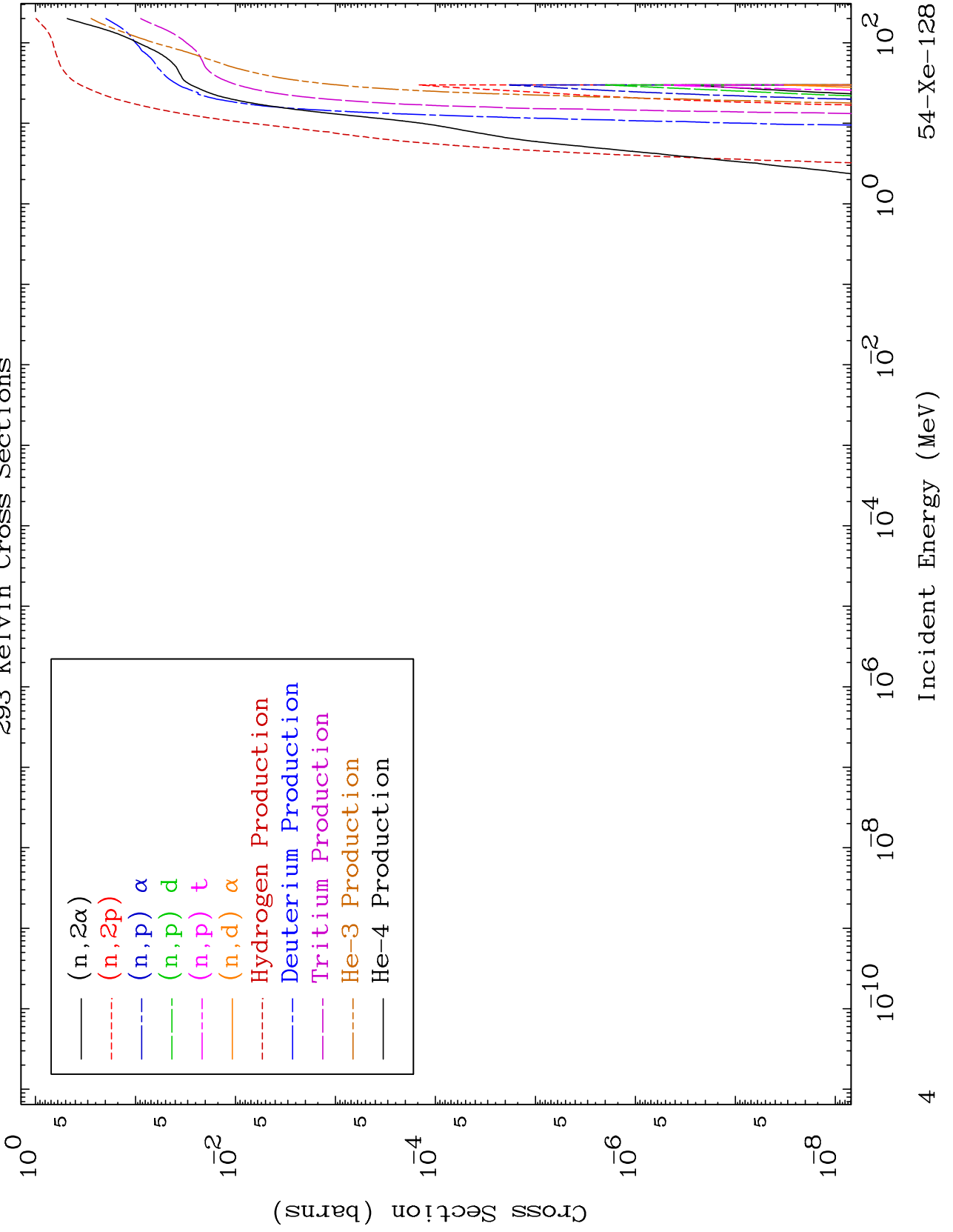
54-Xe-128

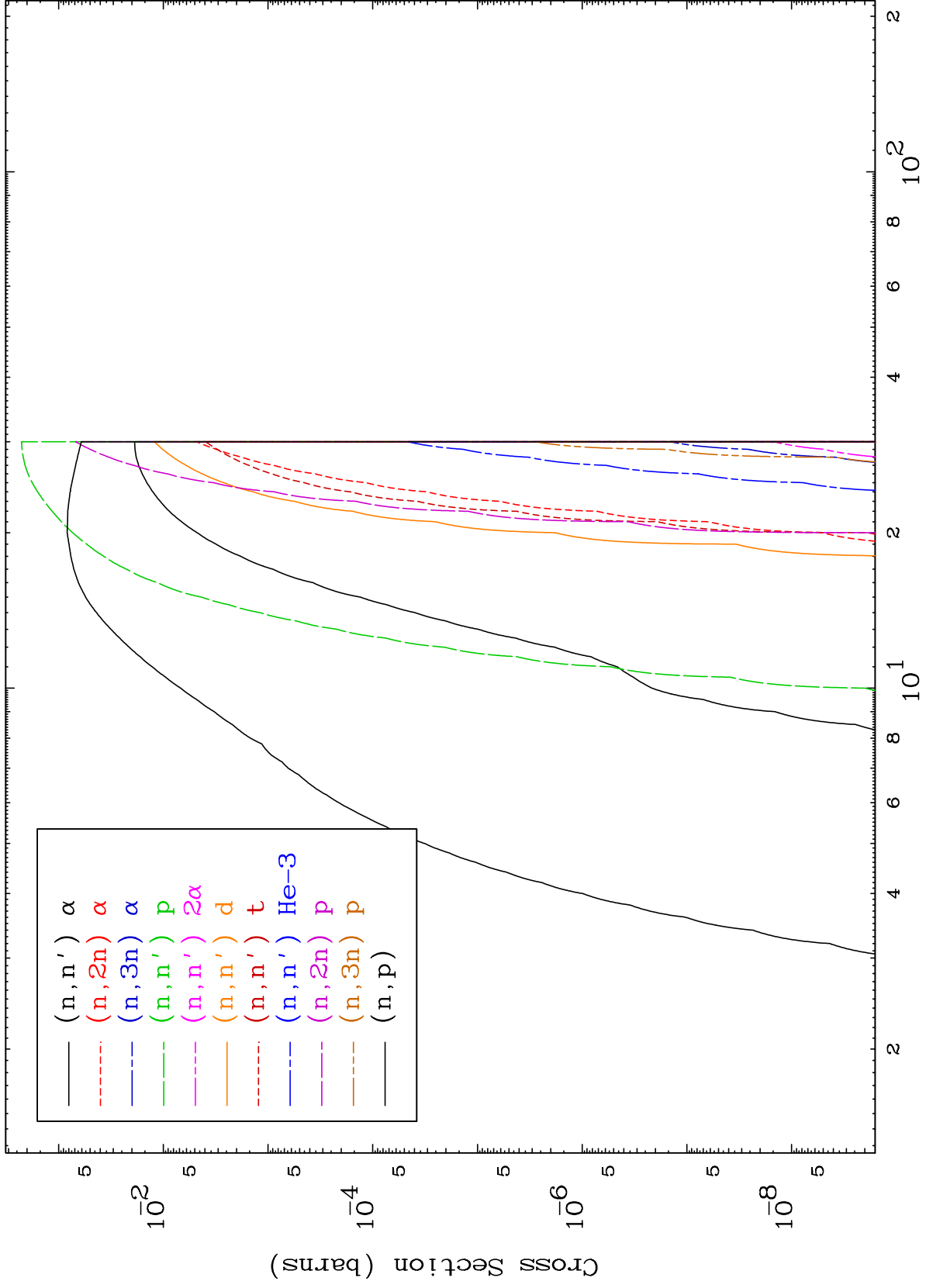


MAT 5437

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-128

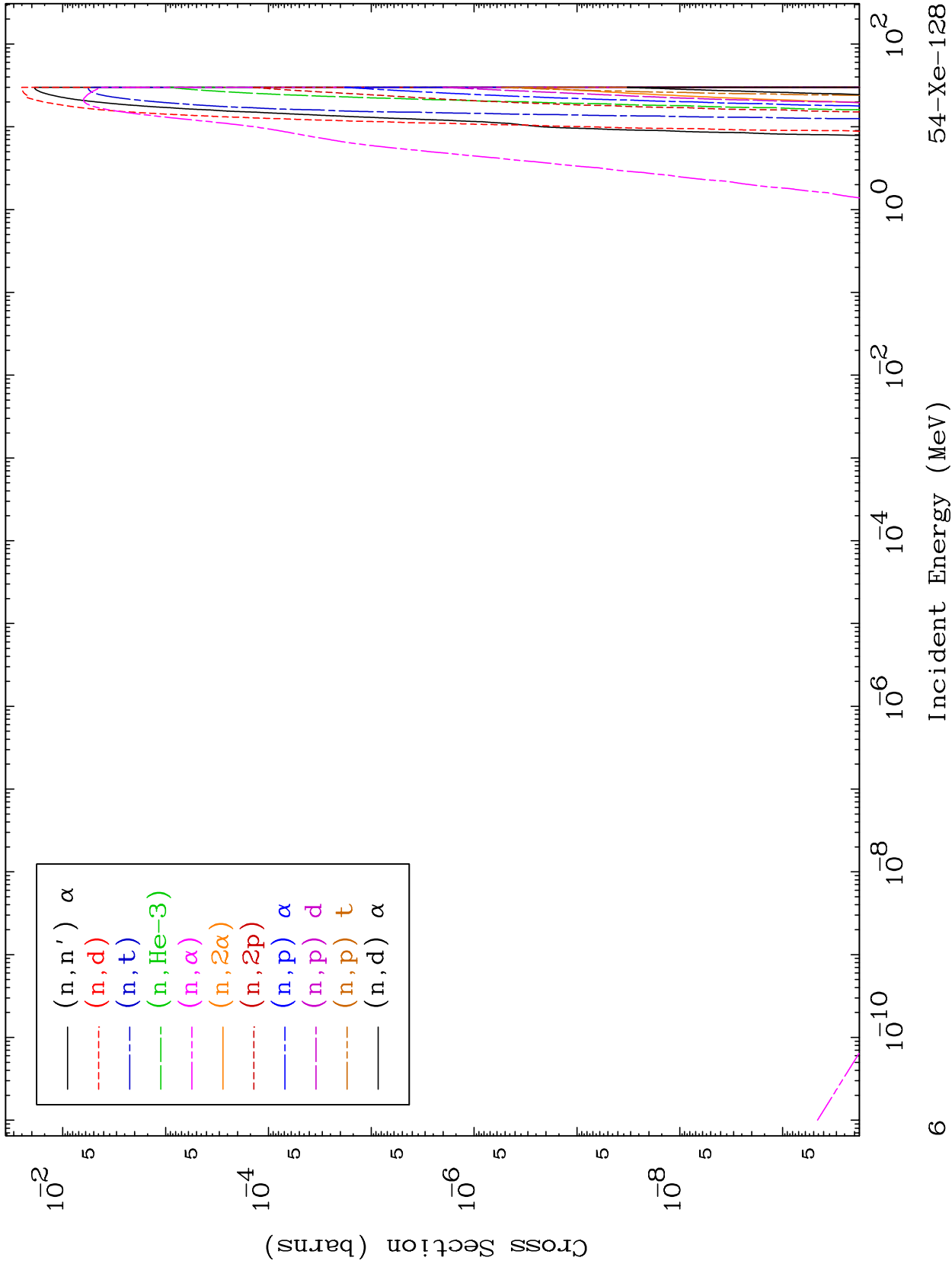




MAT 5437

Charged Particle
293 Kelvin Cross Sections

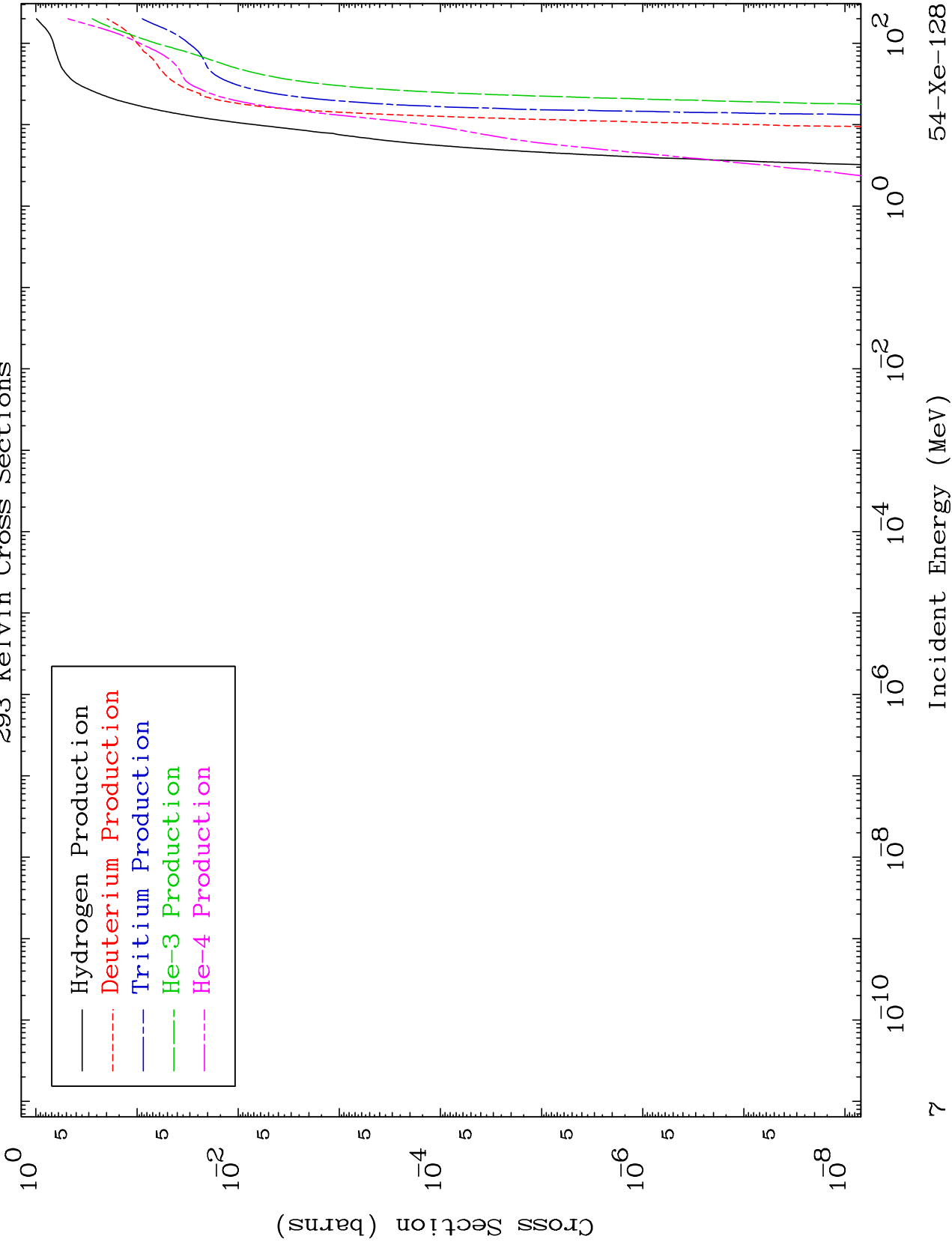
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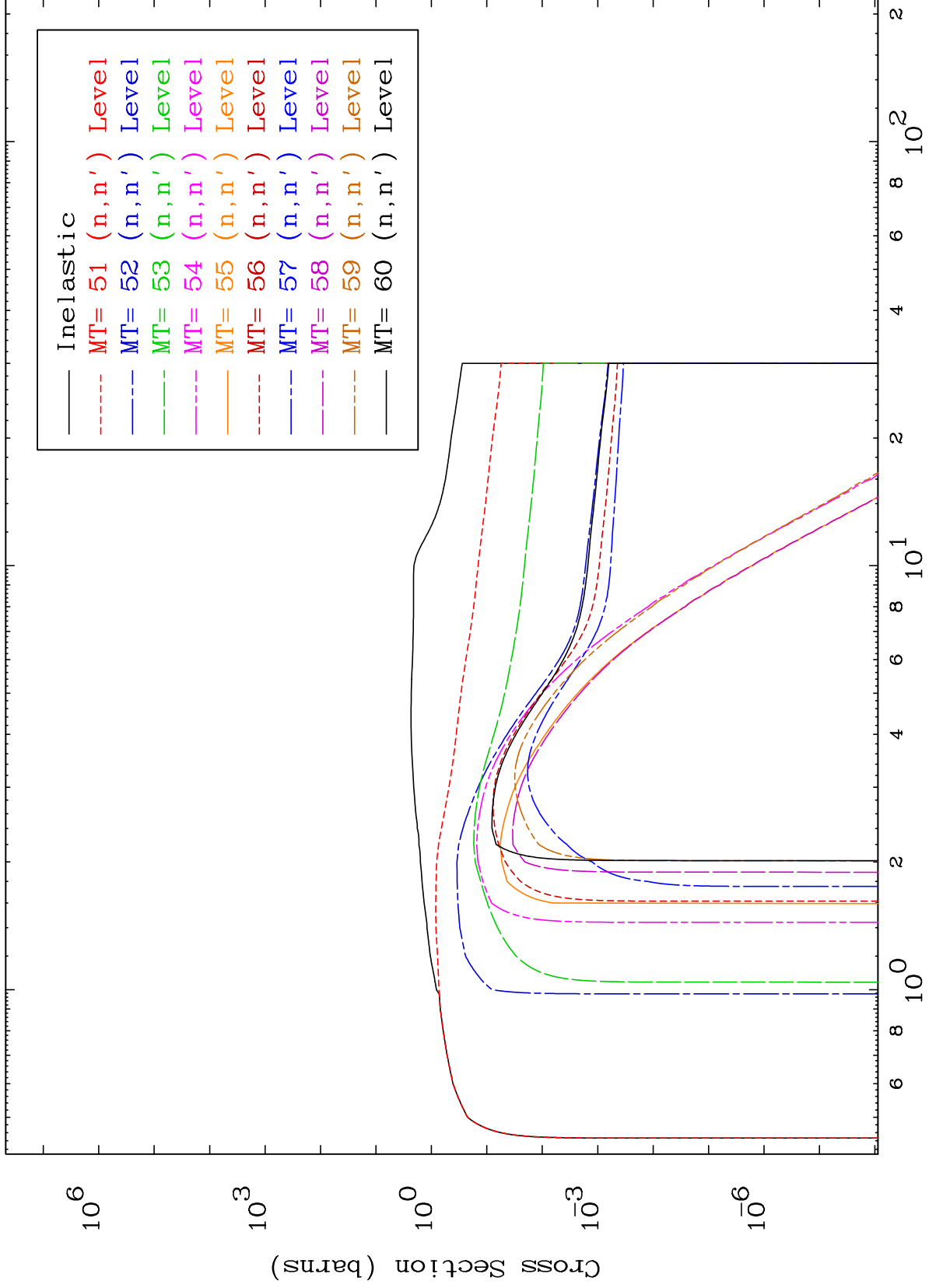
MAT 5437

Particle Production
293 Kelvin Cross Sections

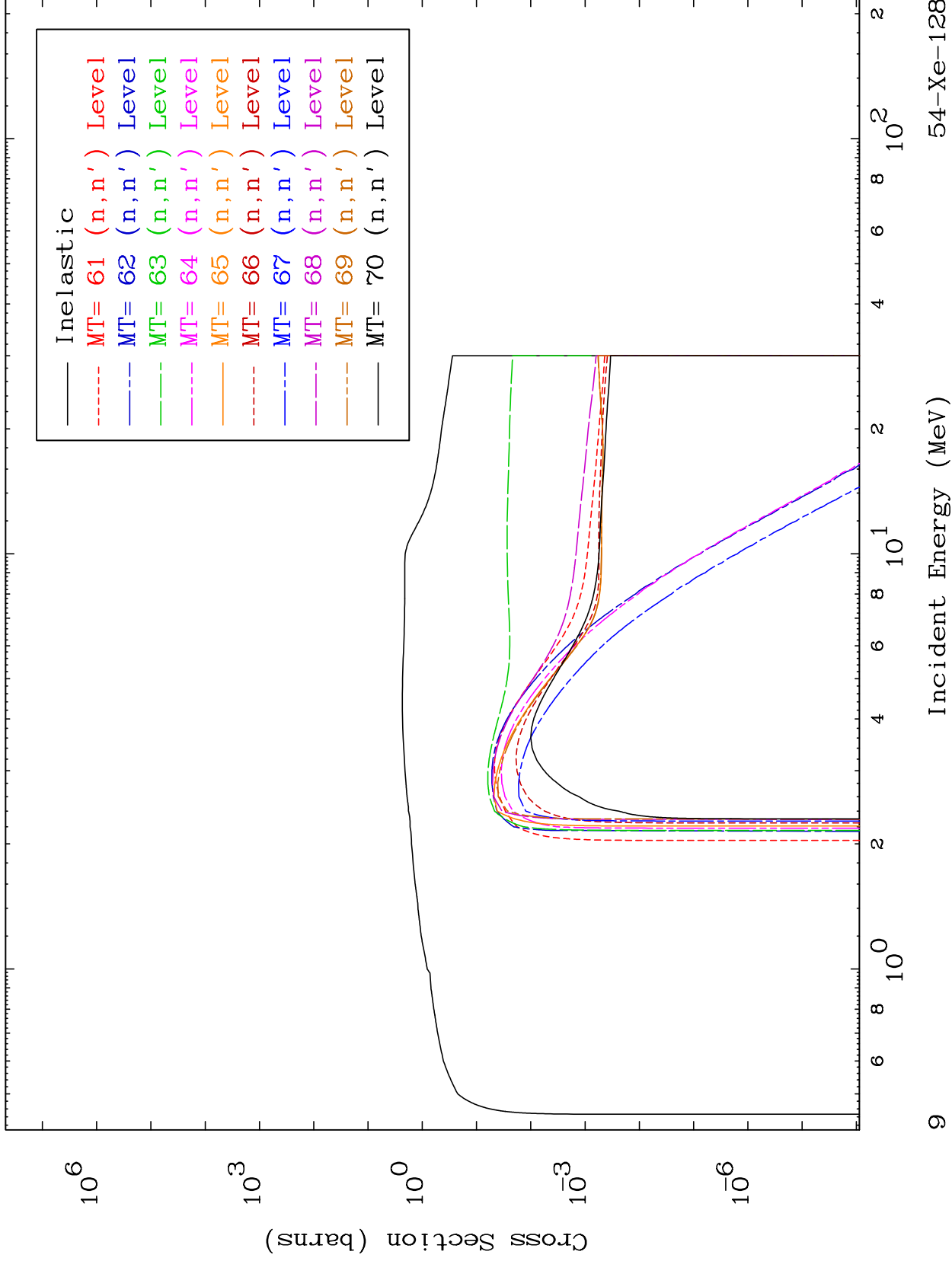
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293 Kelvin Cross Sections



293 Kelvin Cross Sections

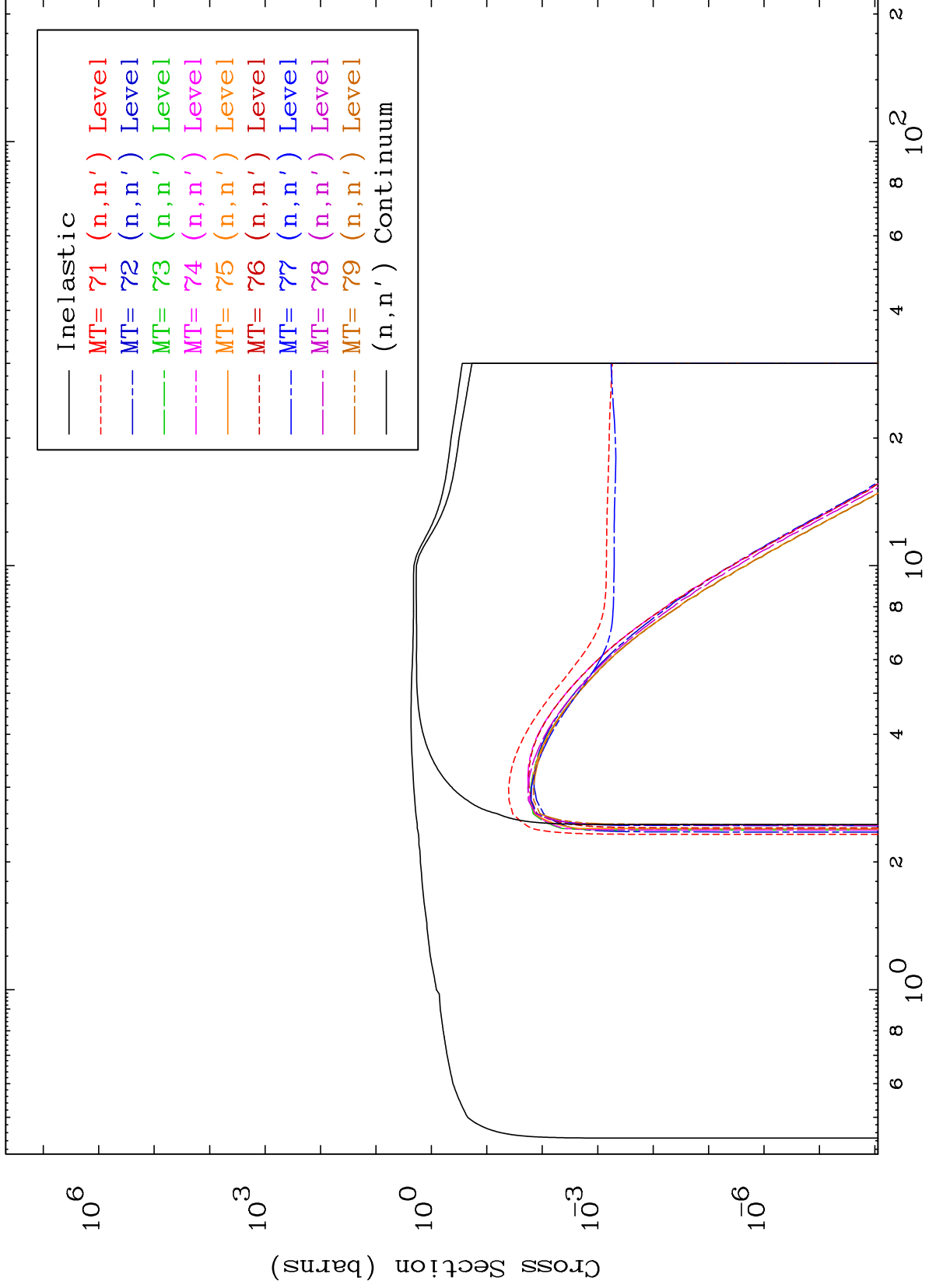


MAT 5437

(n,n') Levels

54-Xe-128

293 Kelvin Cross Sections



10

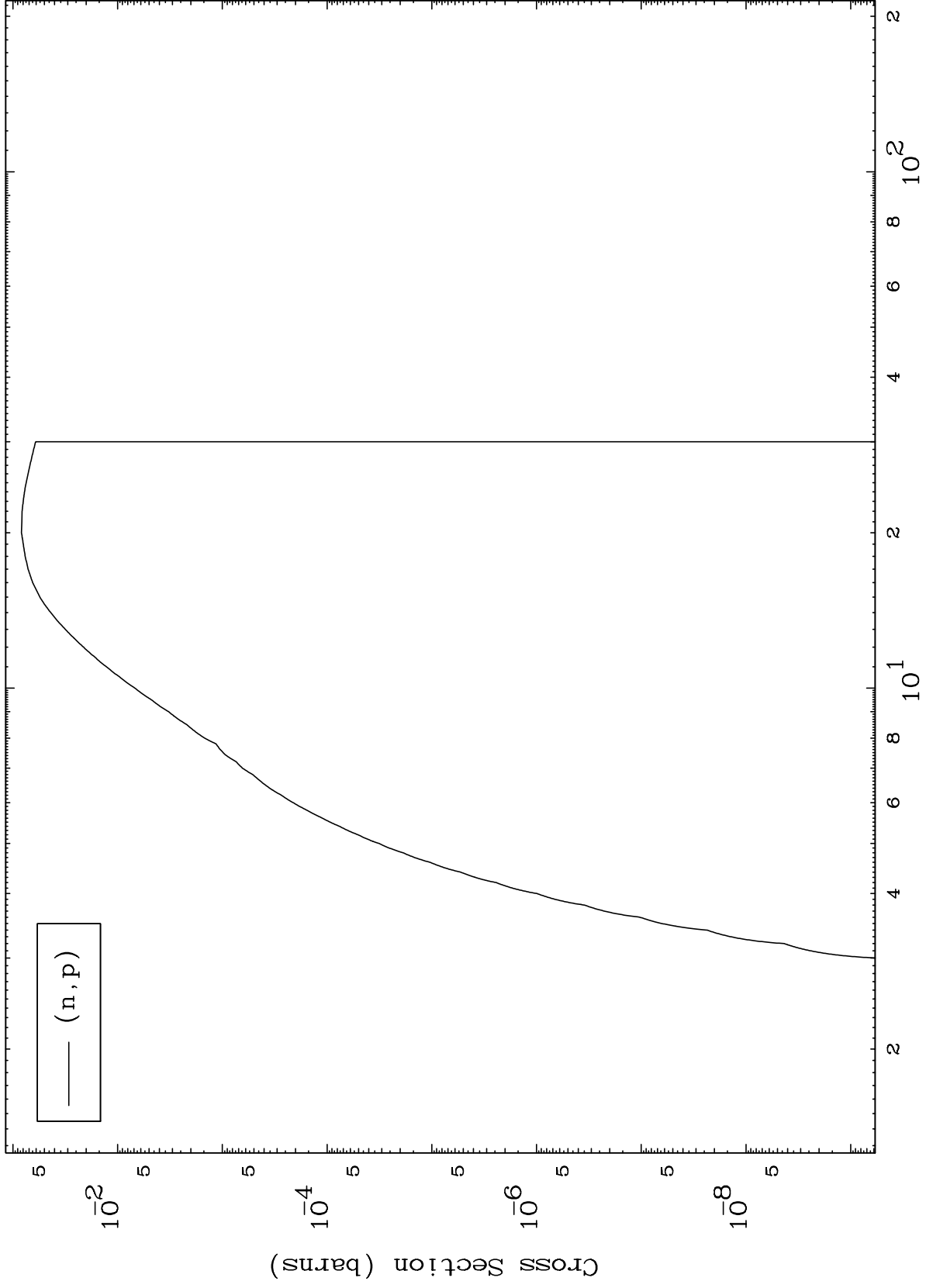
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,p) Levels
293 Kelvin Cross Sections

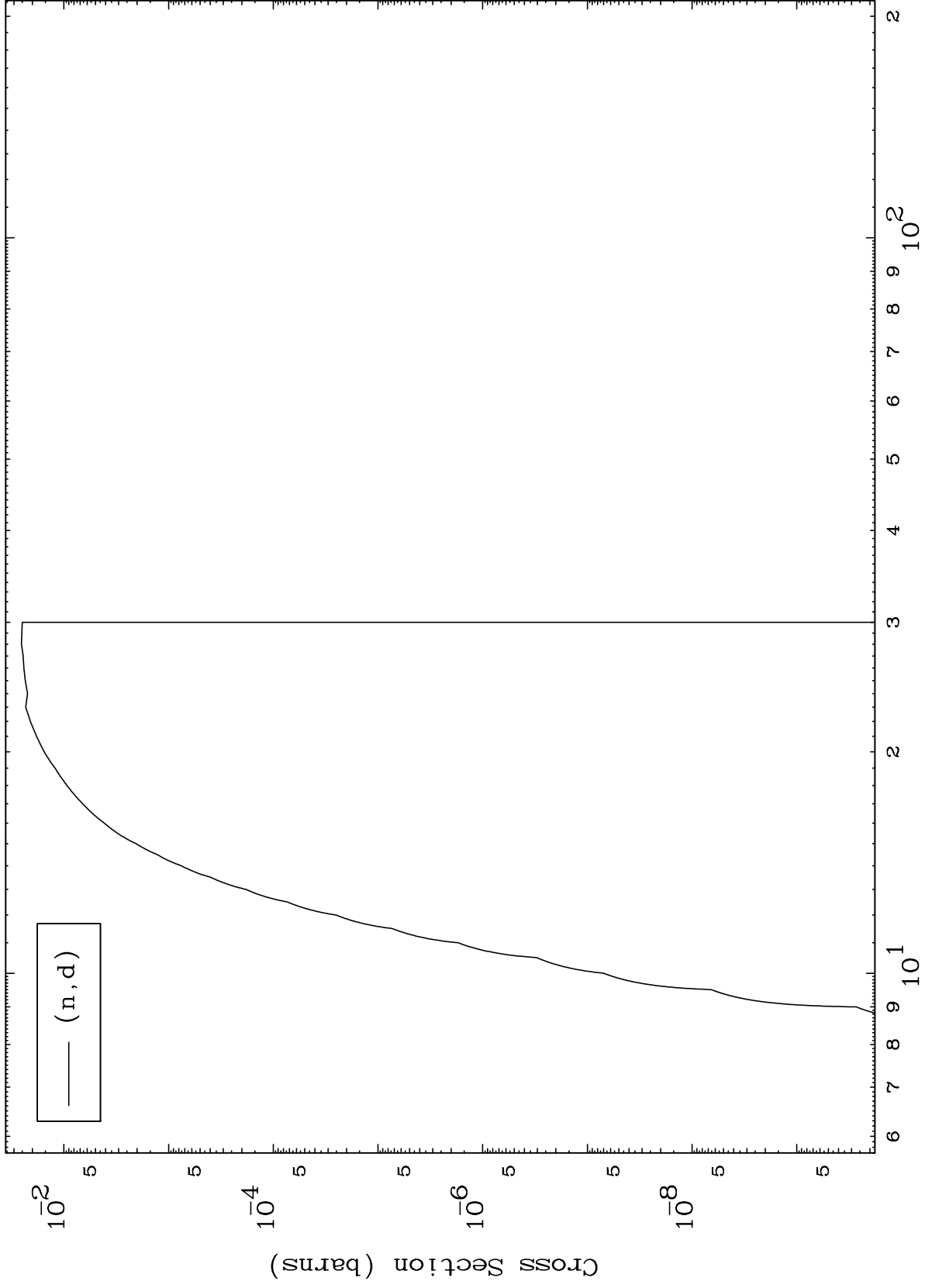
54-Xe-128



MAT 5437

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-128



12

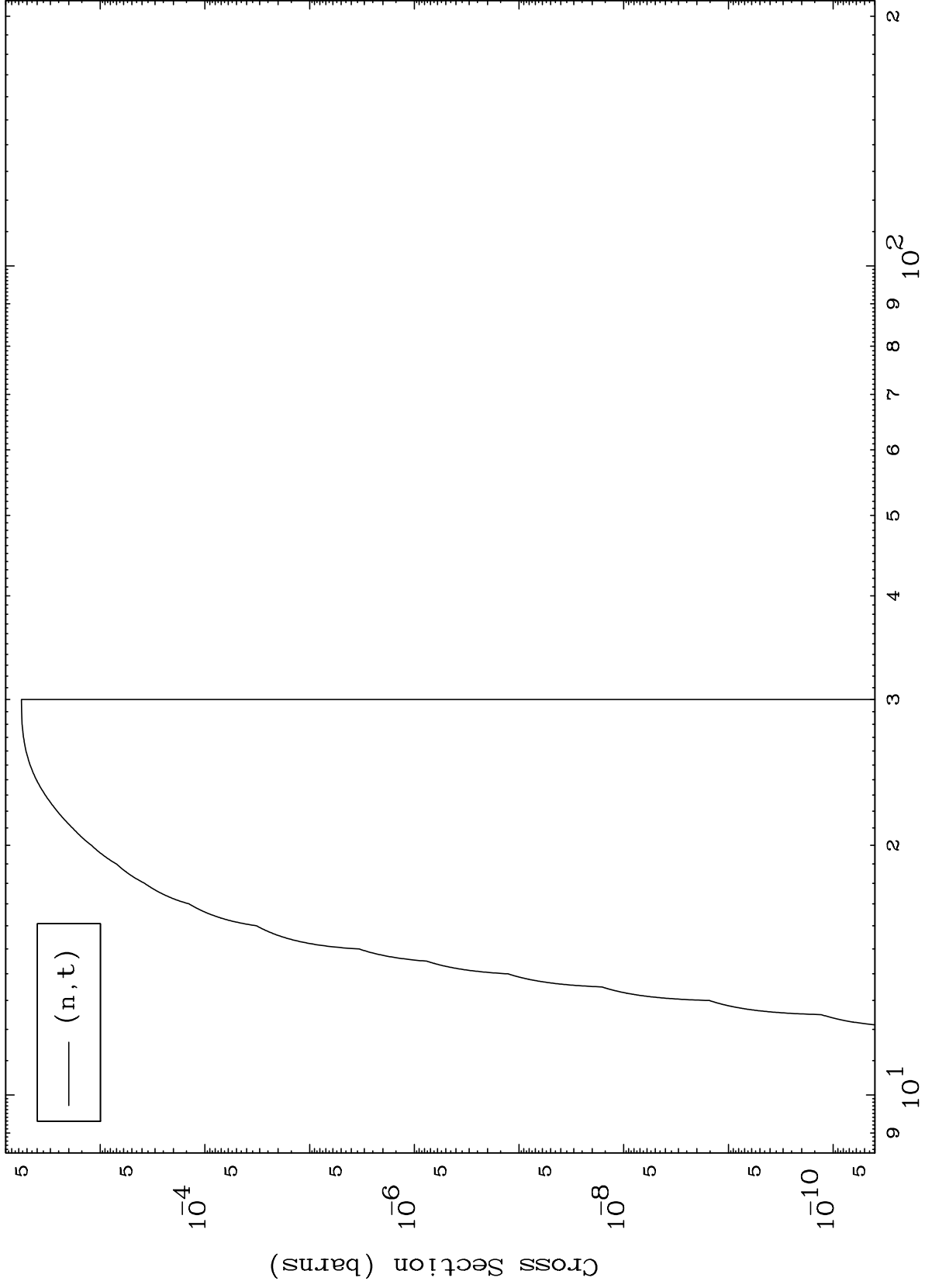
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-128



13

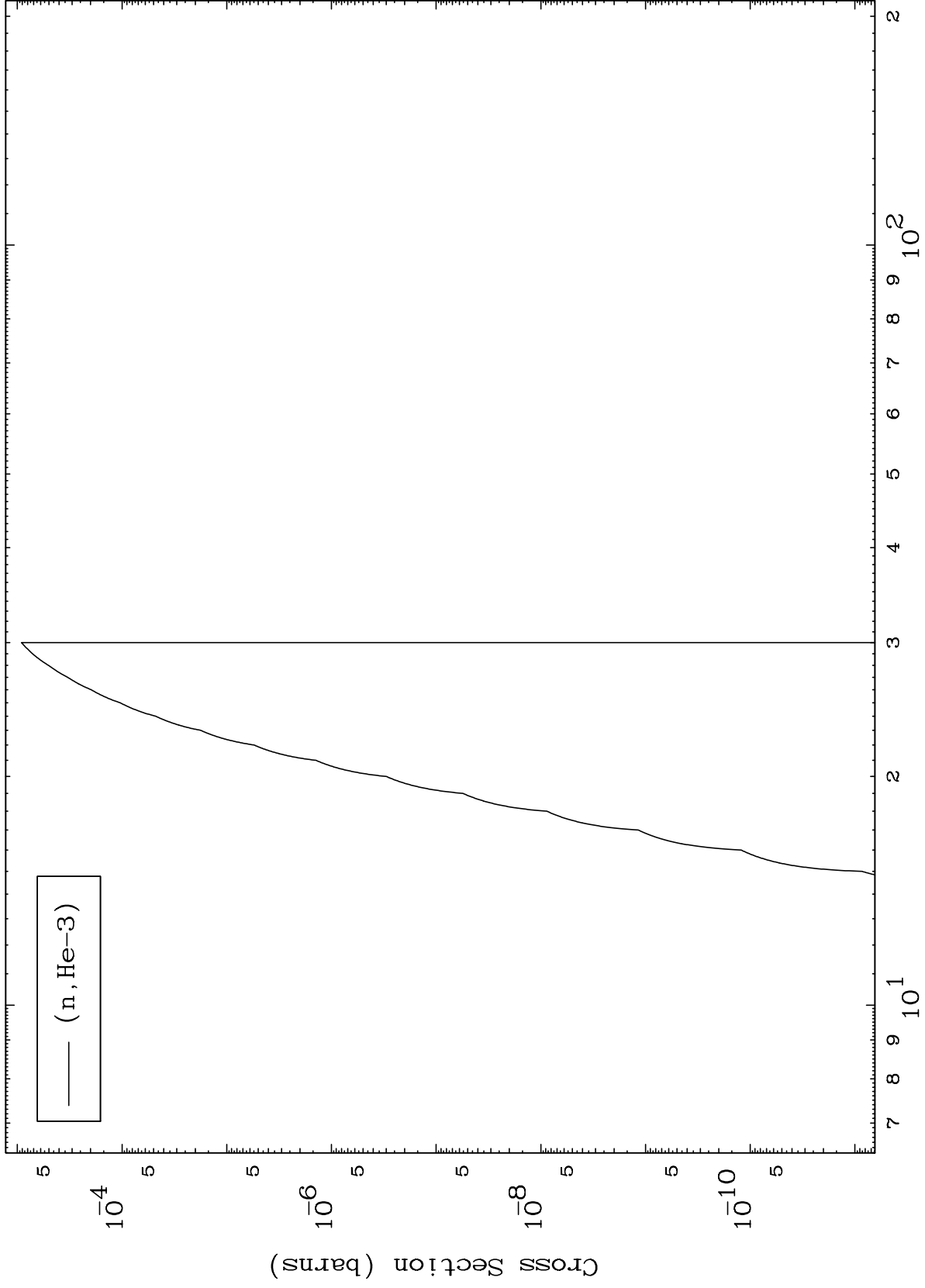
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-128



14

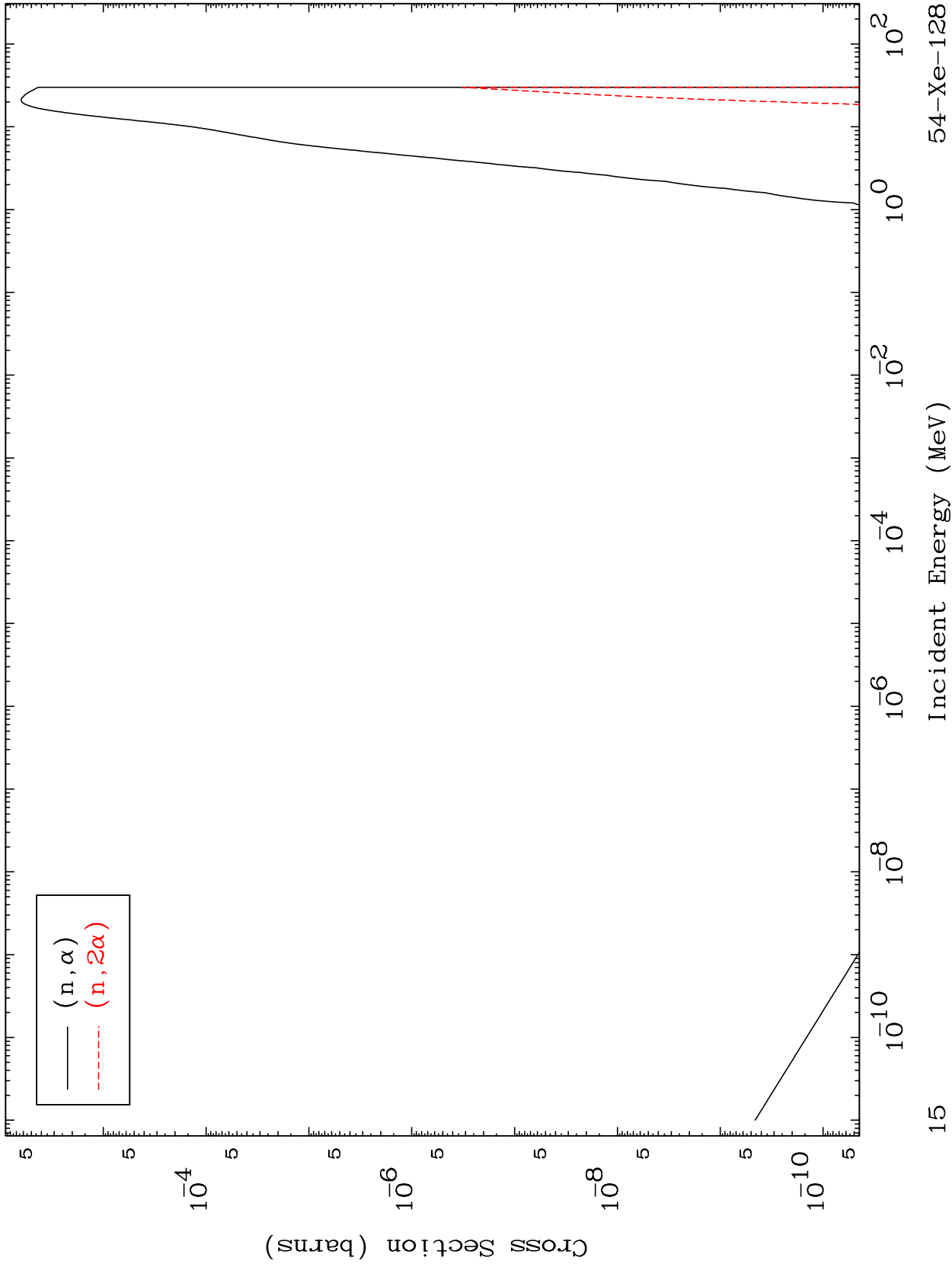
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n, α) Levels
293 Kelvin Cross Sections

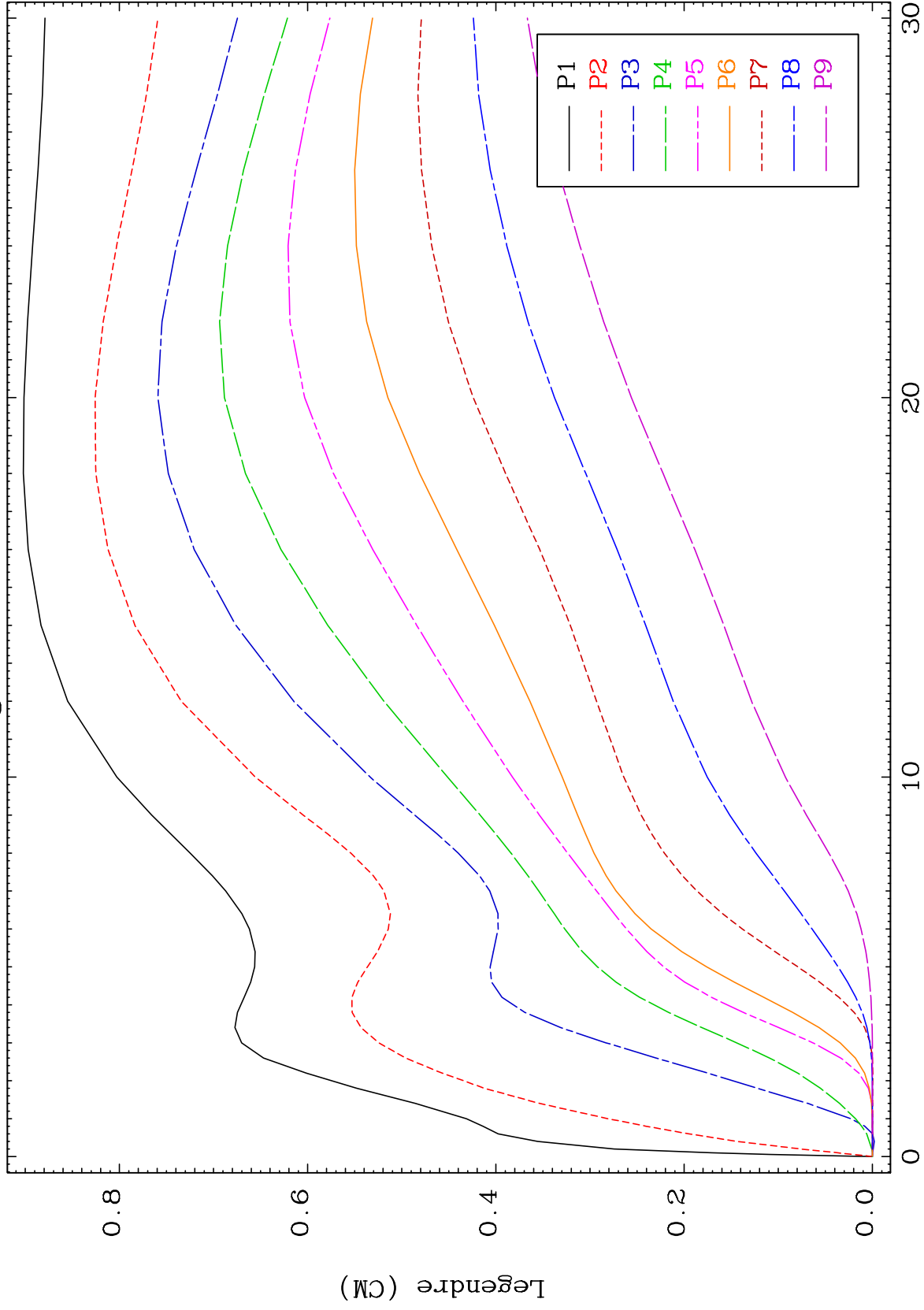
54-Xe-128



MAT 5437

Elastic Legendre Coefficients

54-Xe-128



16

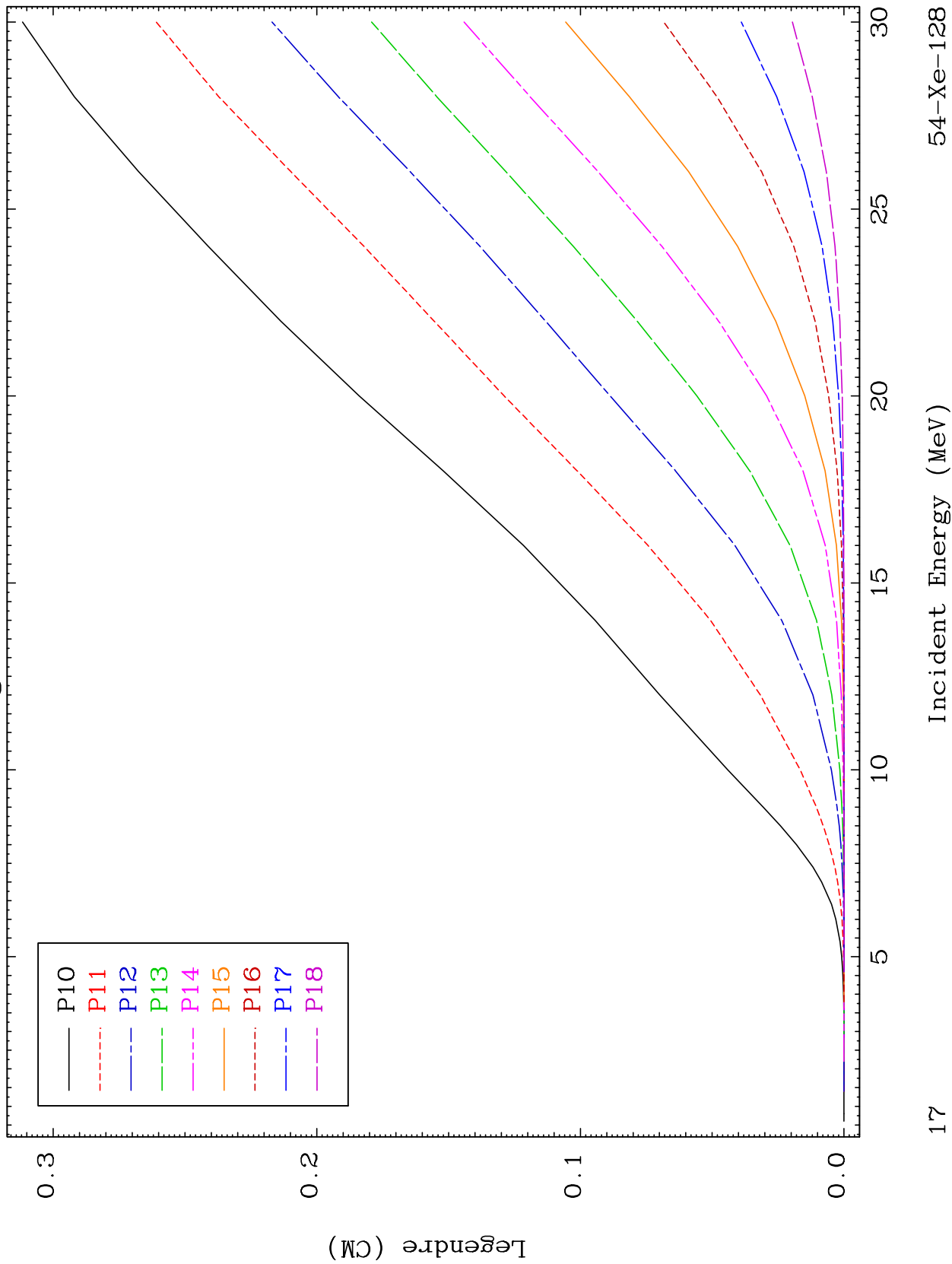
Incident Energy (MeV)

54-Xe-128

MAT 5437

Elastic Legendre Coefficients

54-Xe-128

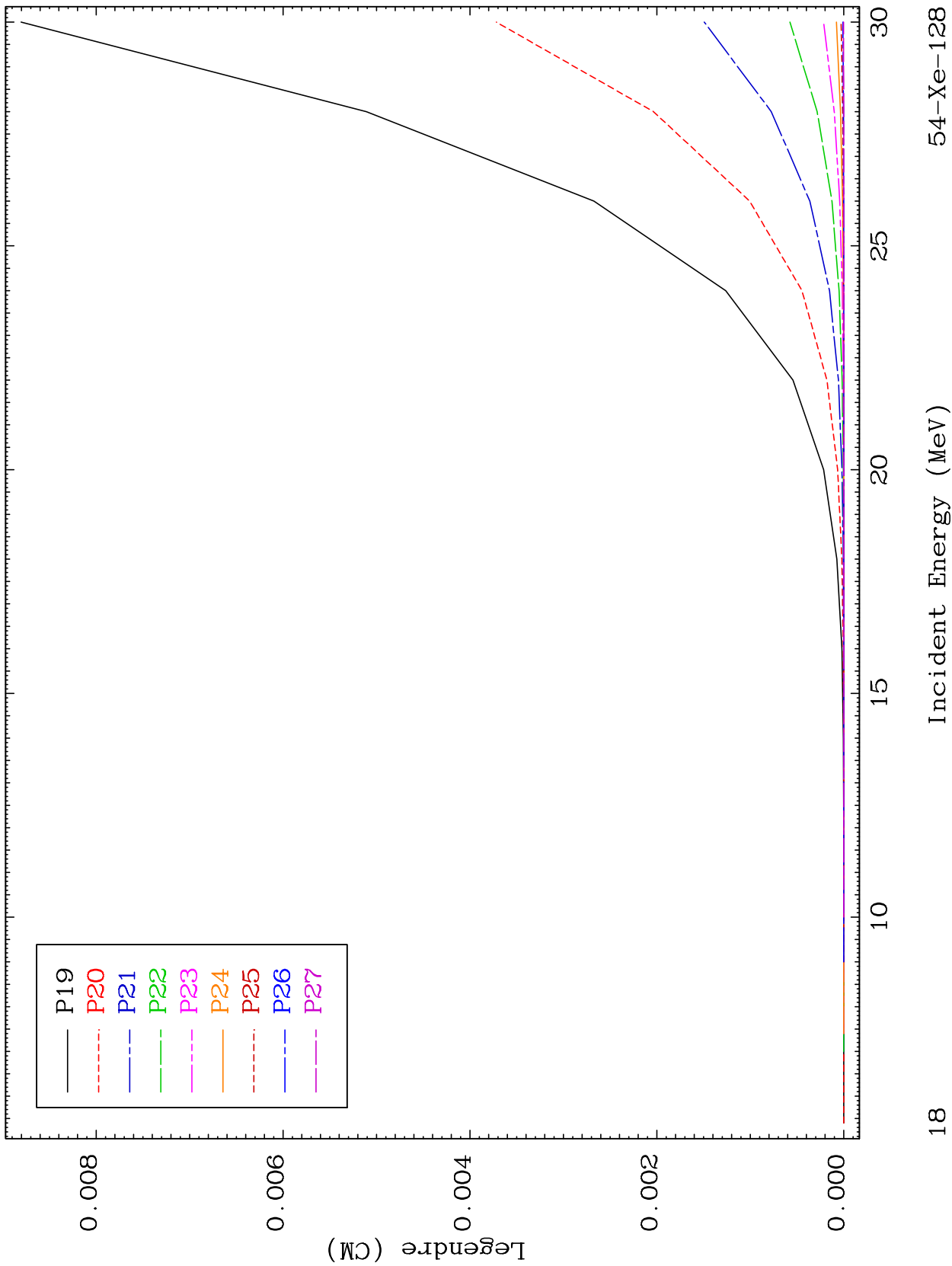


17

MAT 5437

Elastic Legendre Coefficients

54-Xe-128



18

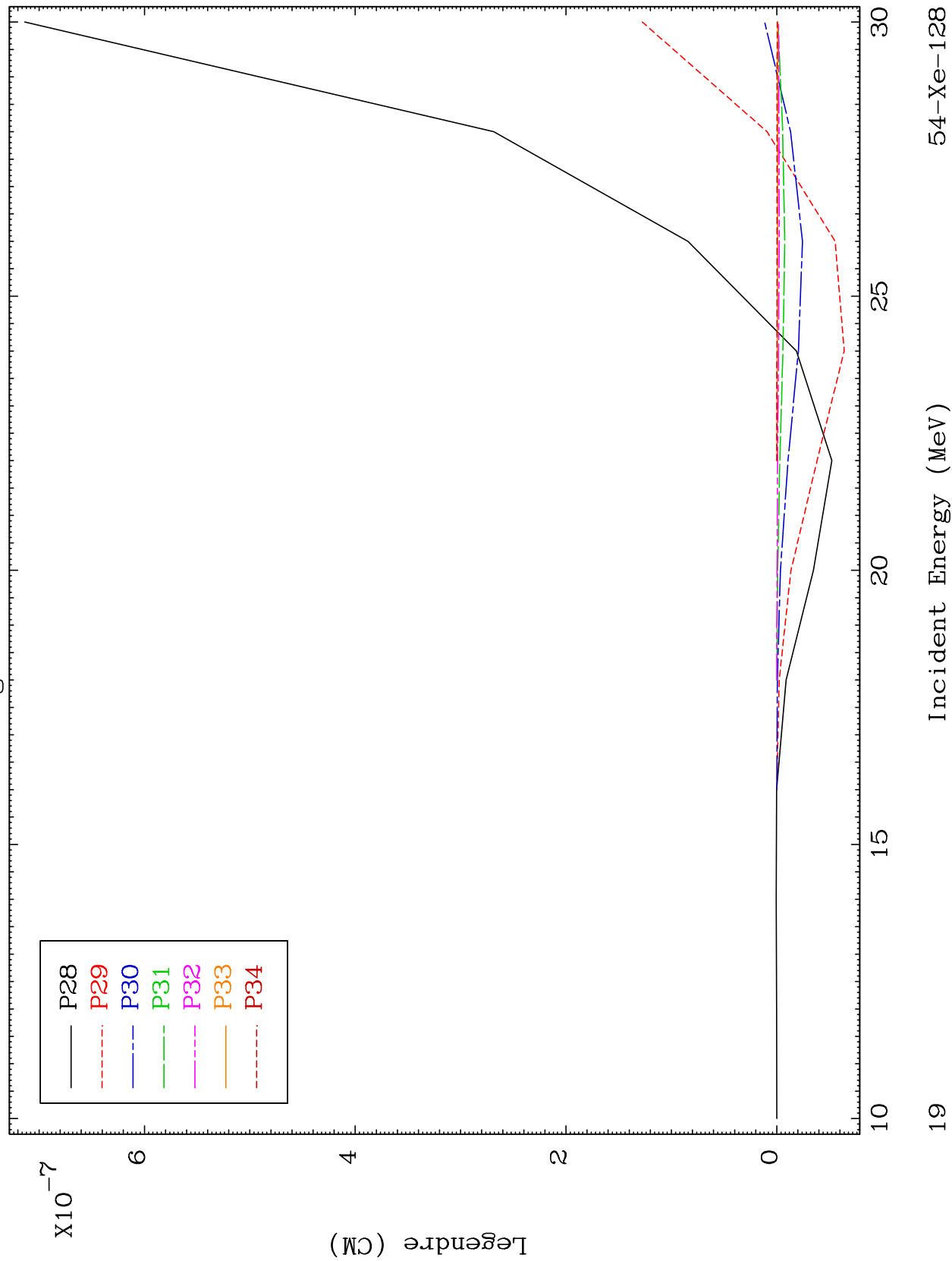
Incident Energy (MeV)

54-Xe-128

MAT 5437

Elastic
Legendre Coefficients

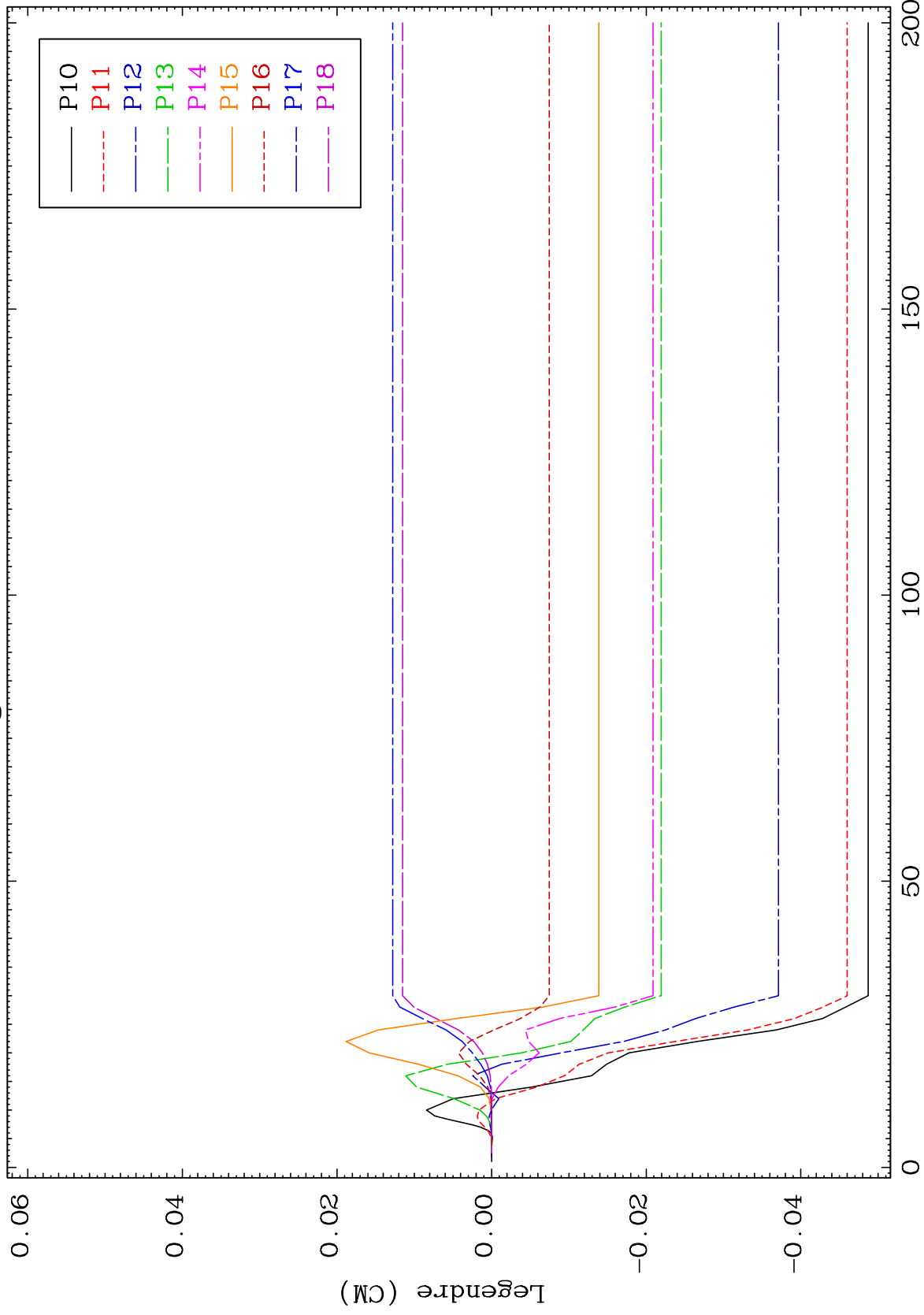
54-Xe-128



MAT 5437

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

54-Xe-128



21

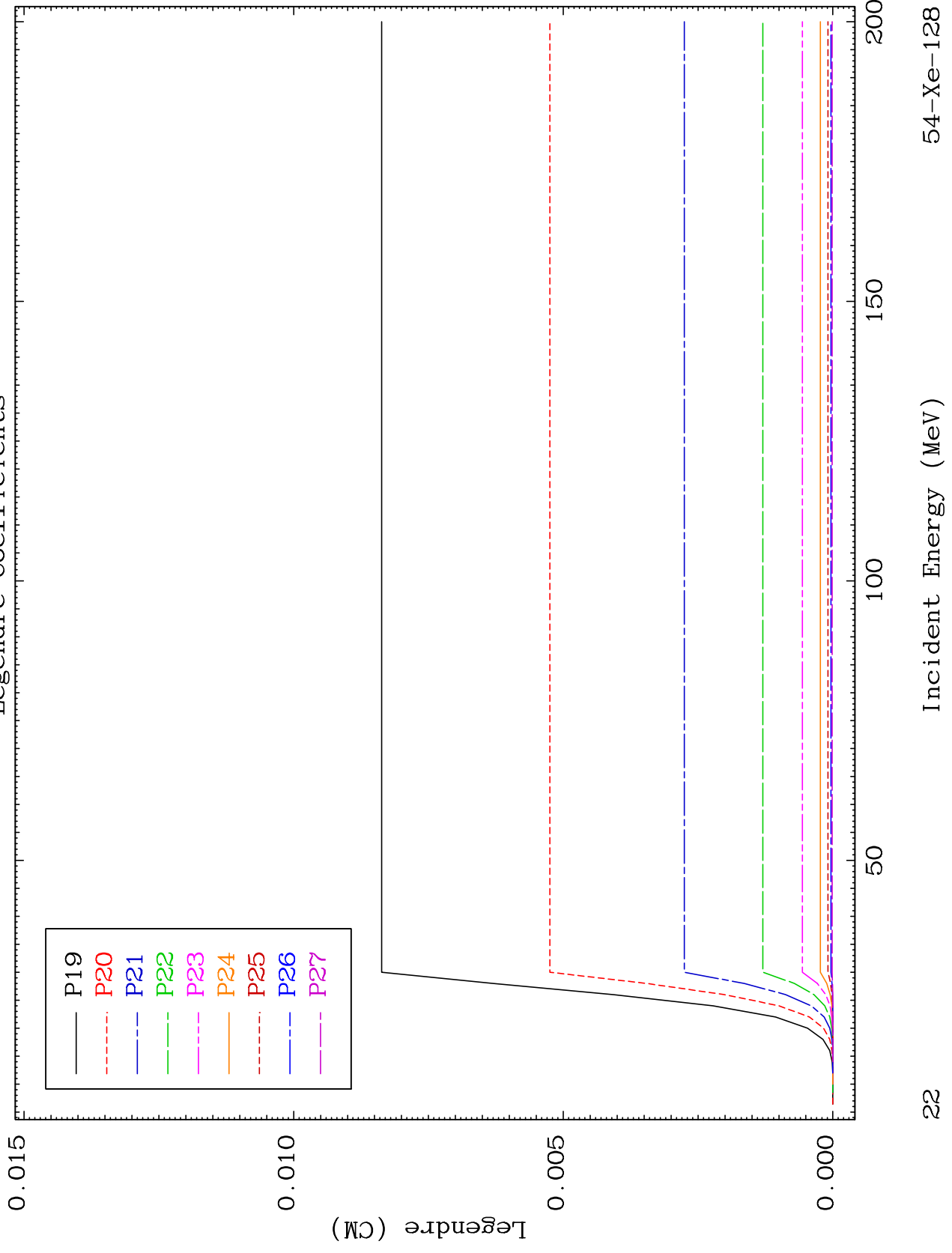
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

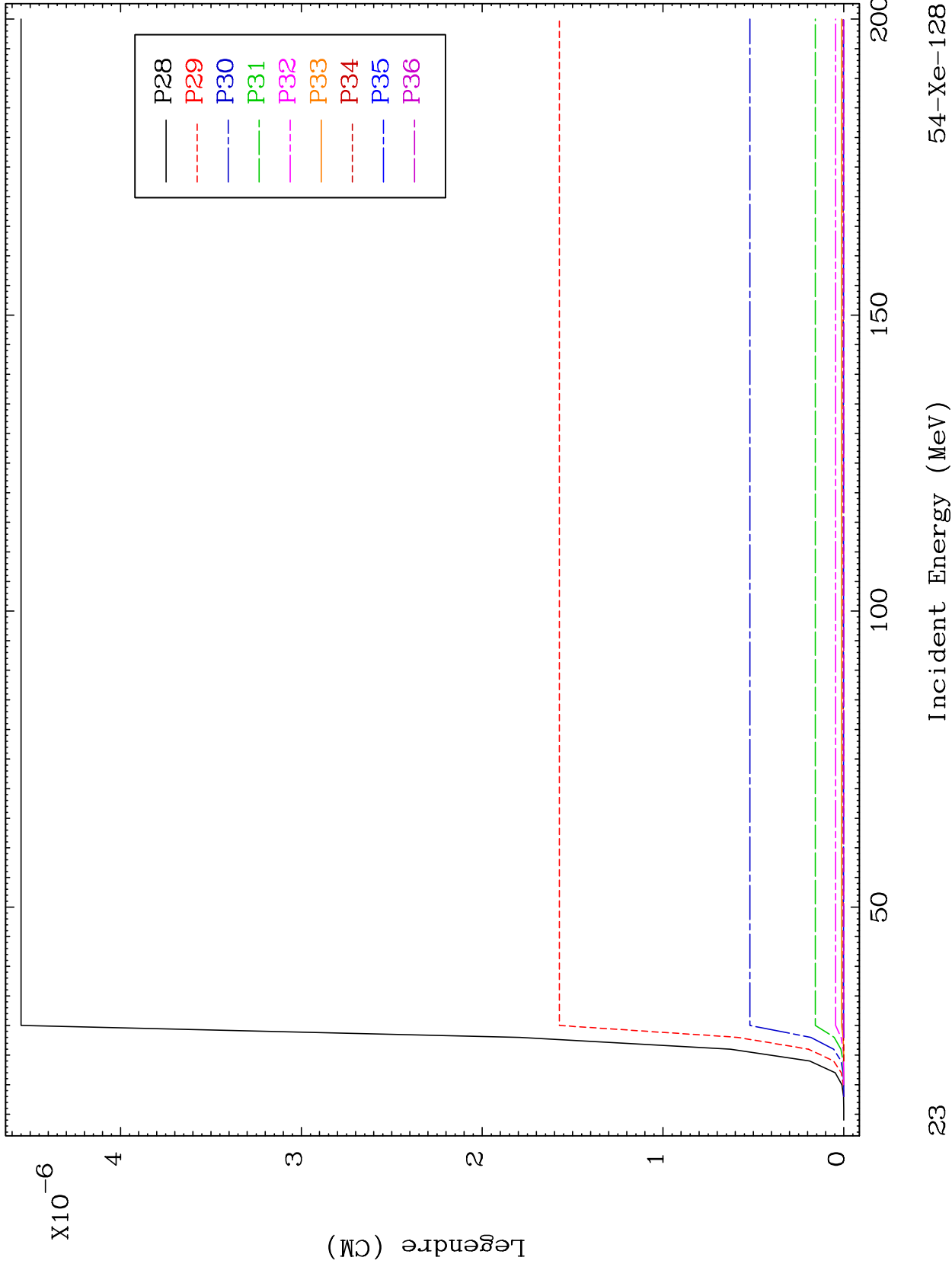
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MAT 5437

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

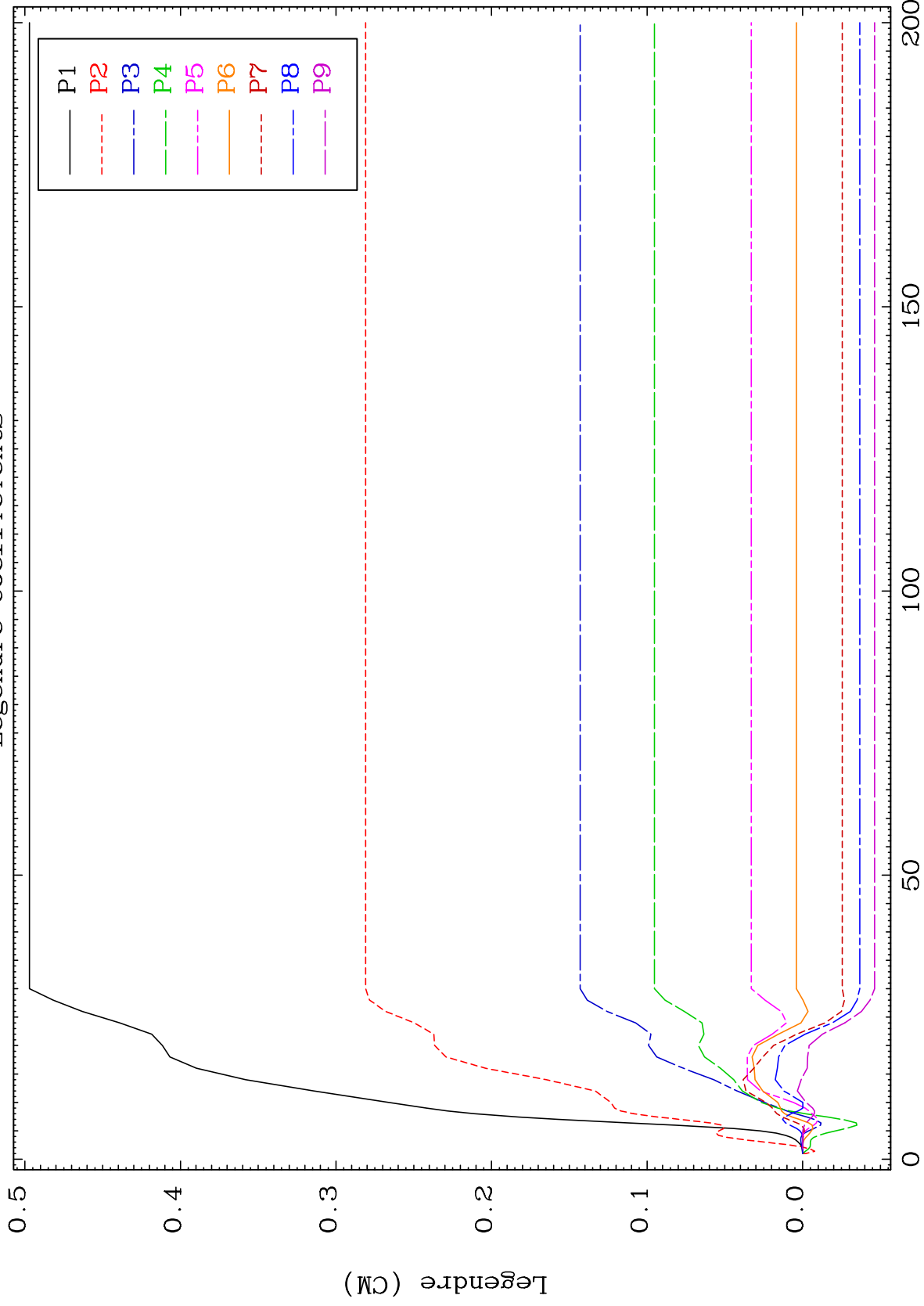
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

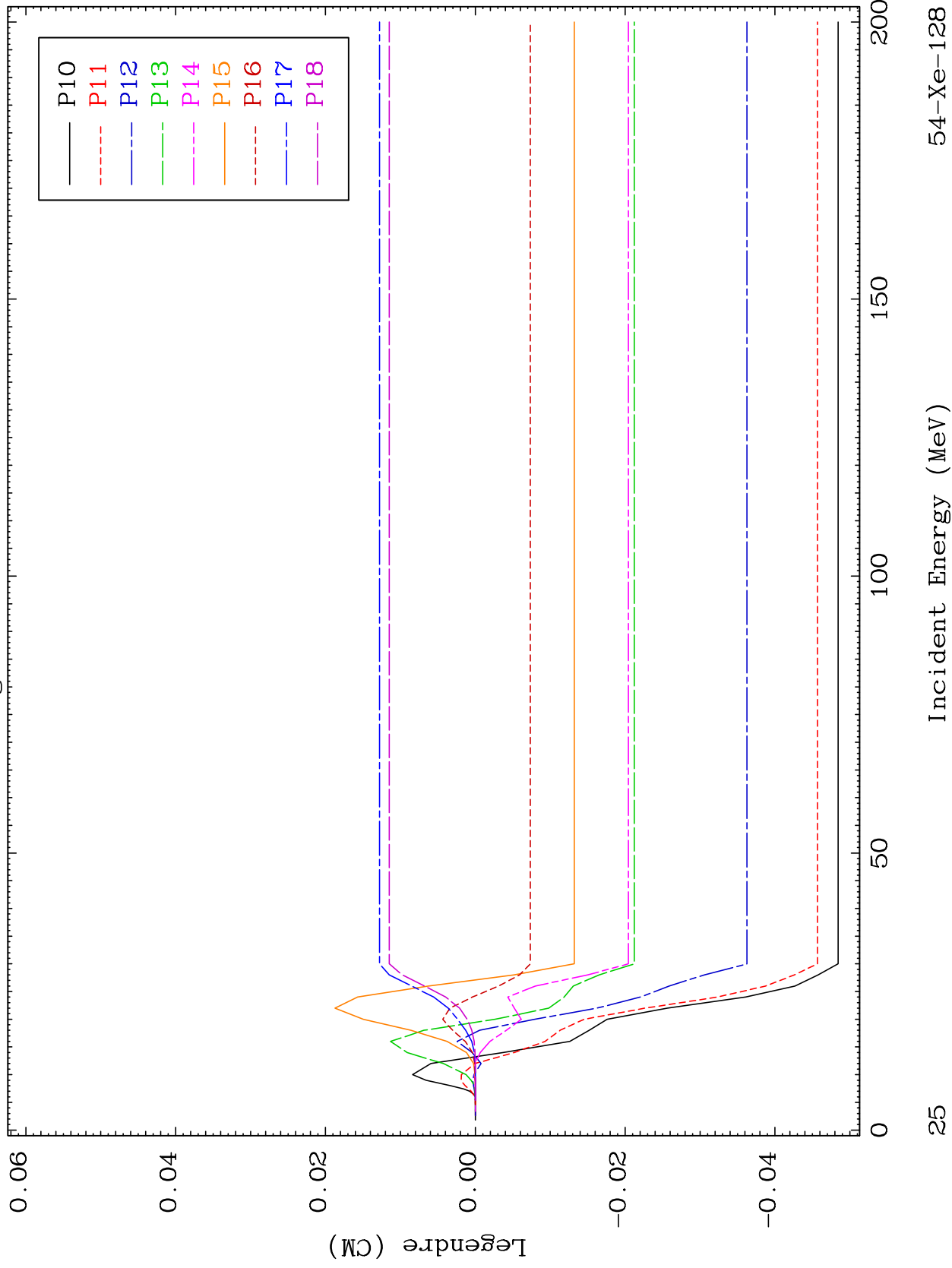
Incident Energy (MeV)

24

MAT 5437

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

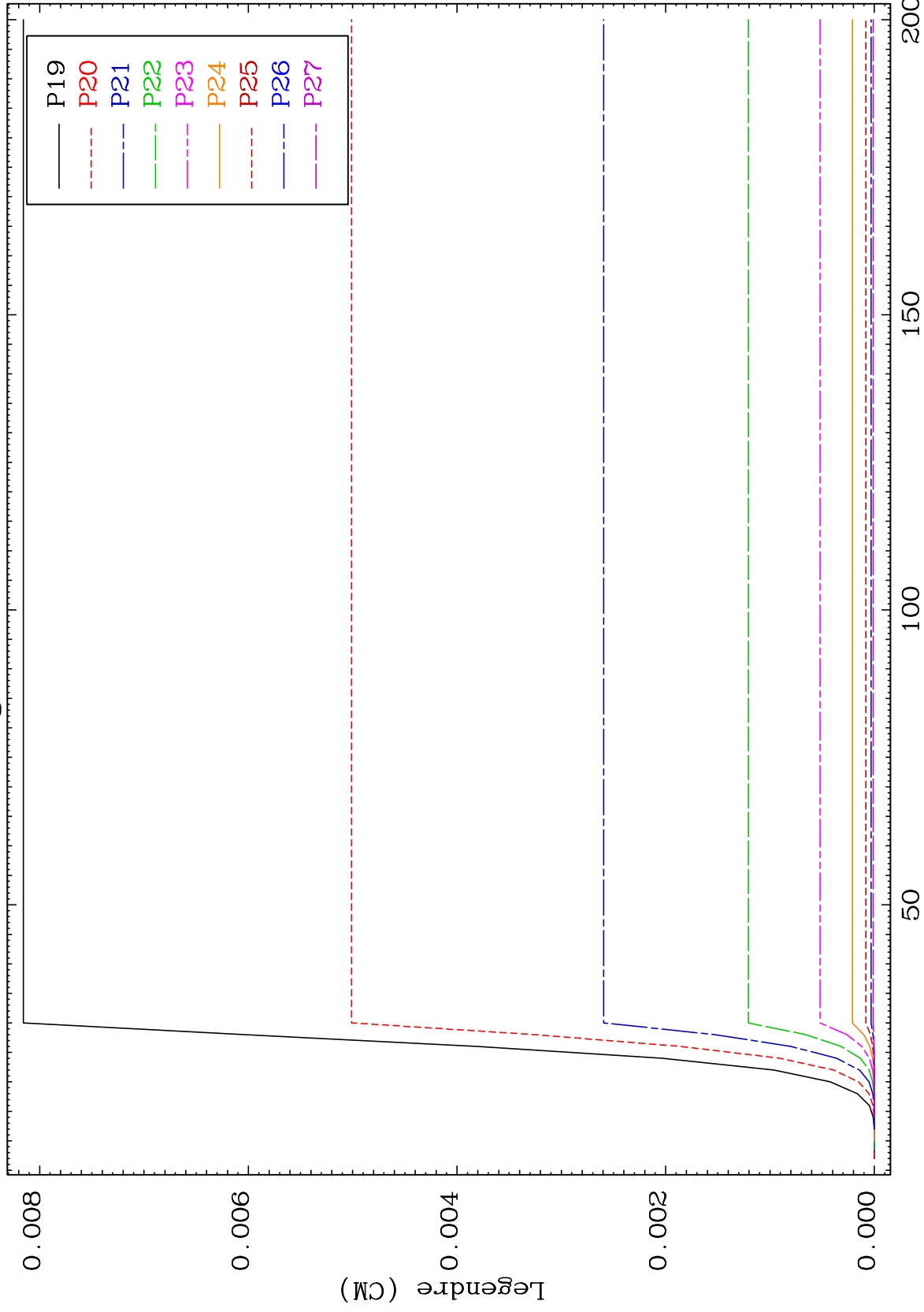
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MAT 5437

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

54-Xe-128



26

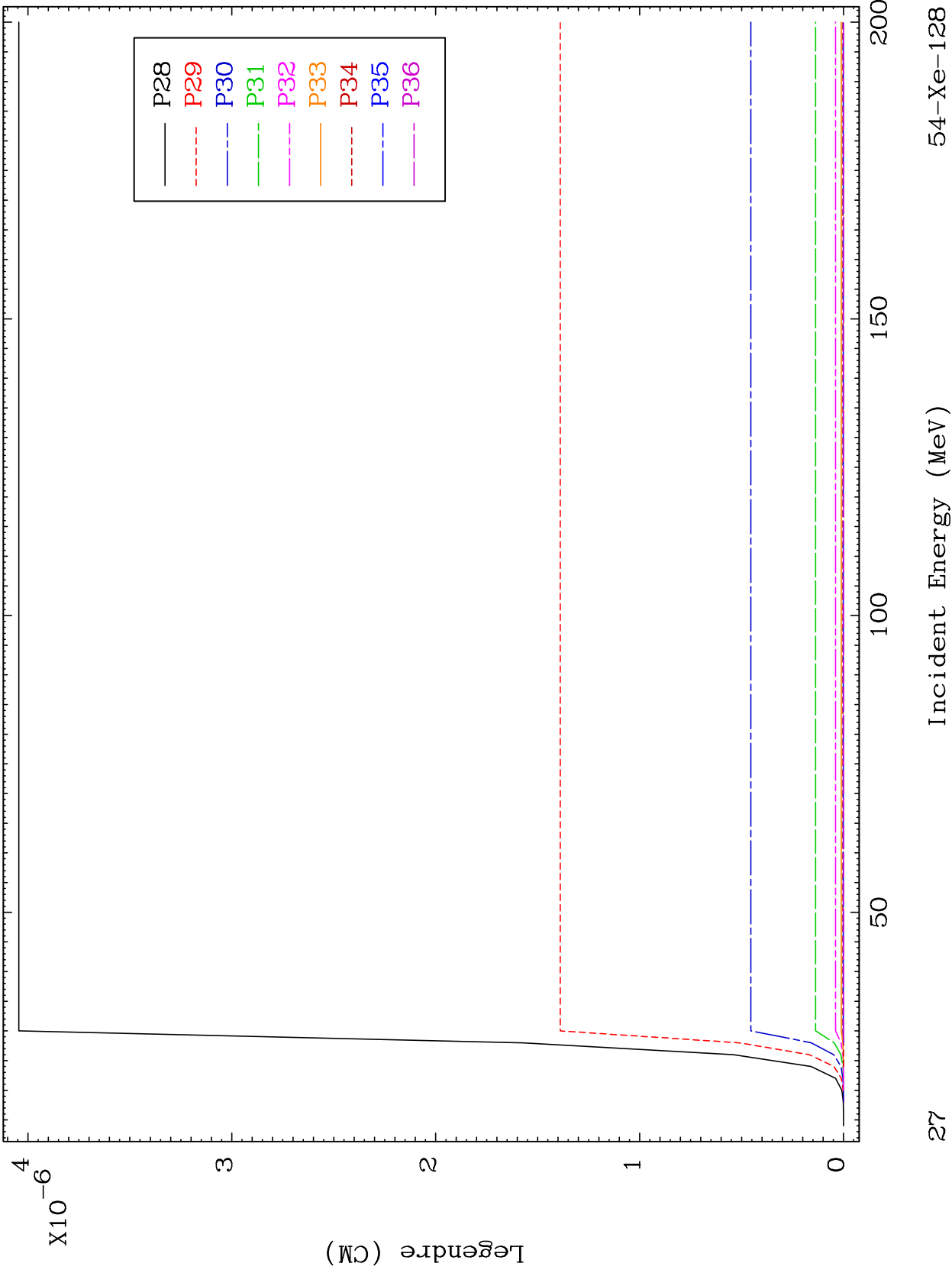
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



27

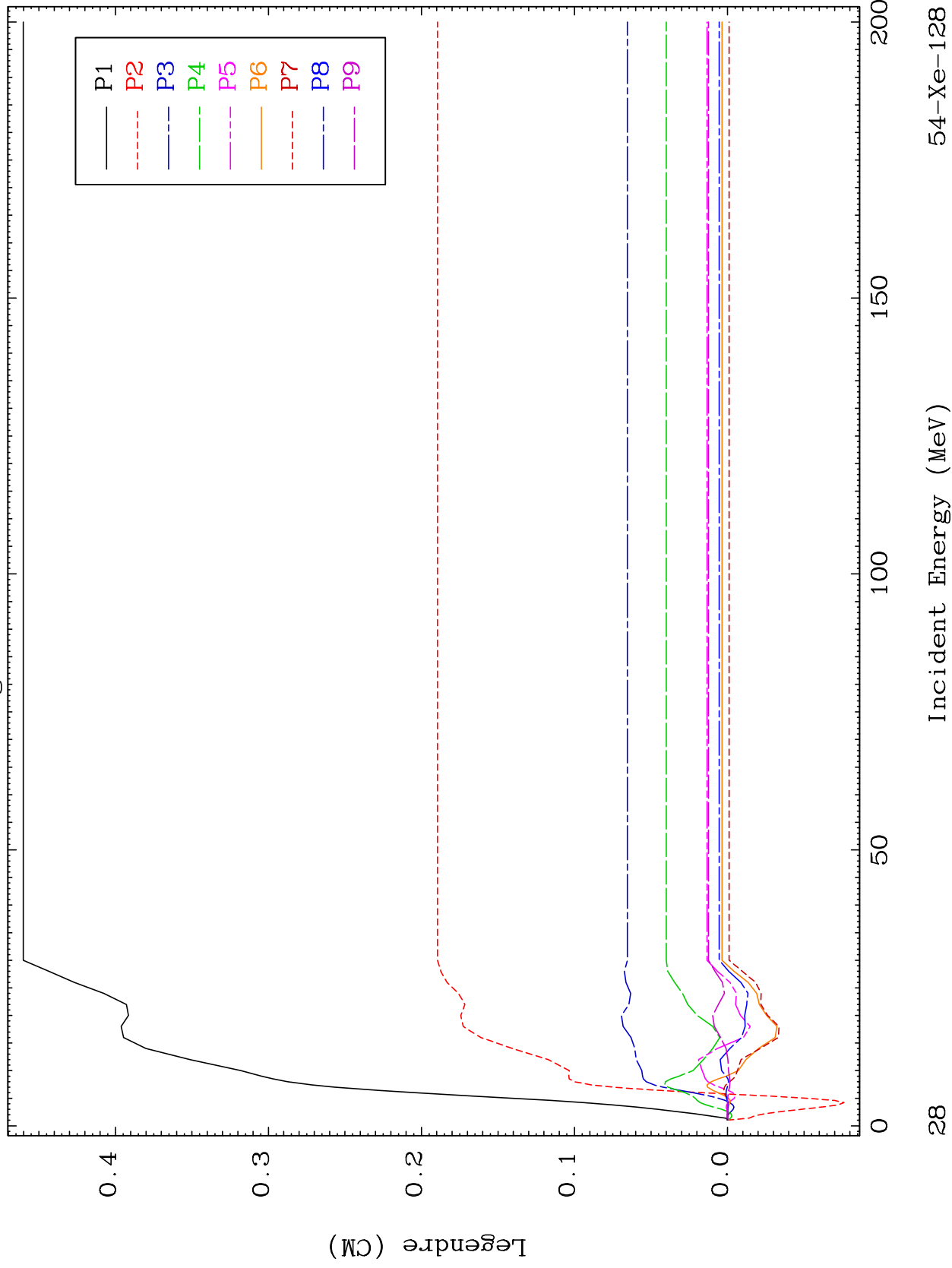
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

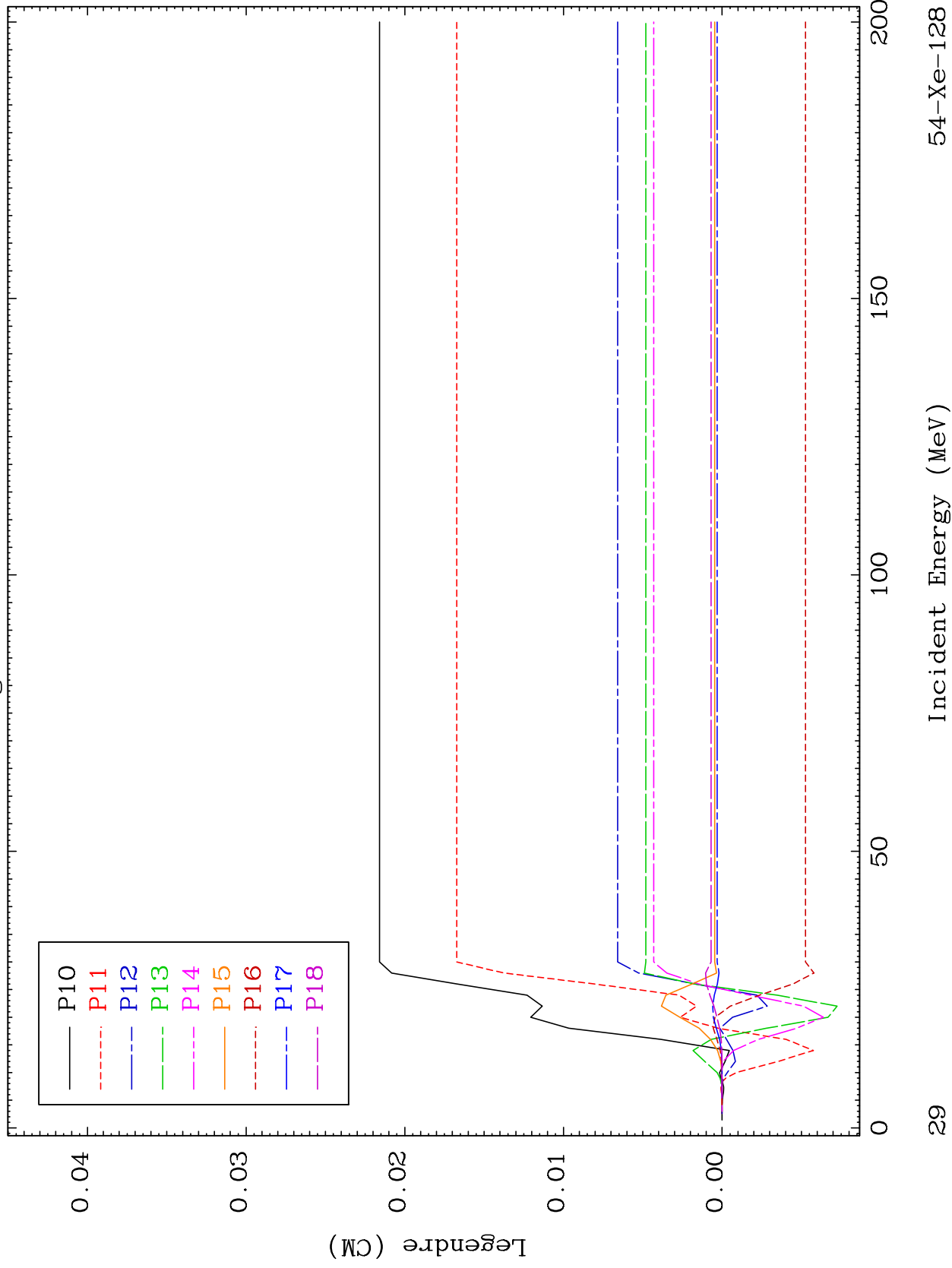
Incident Energy (MeV)

28

MAT 5437

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

54-Xe-128



29

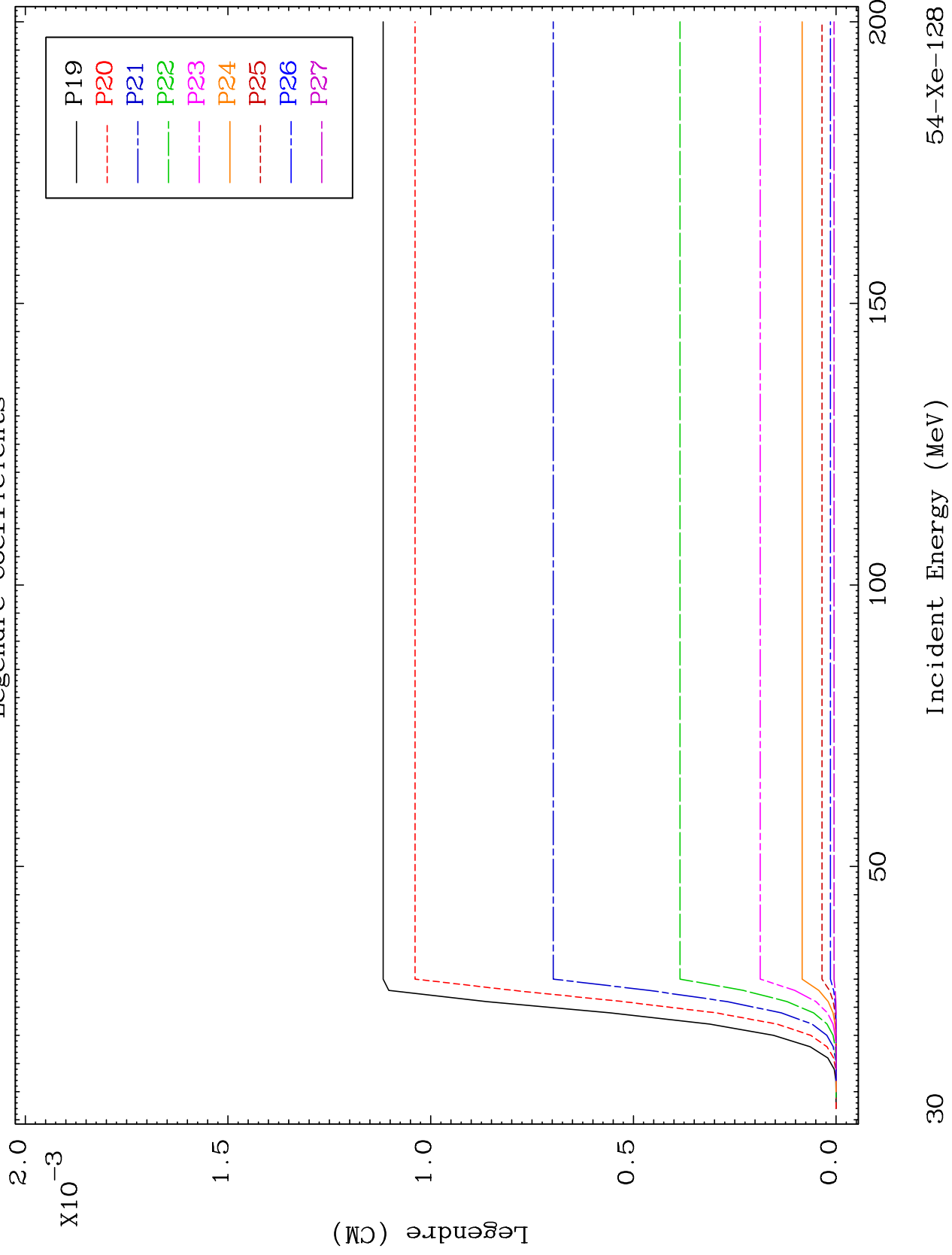
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

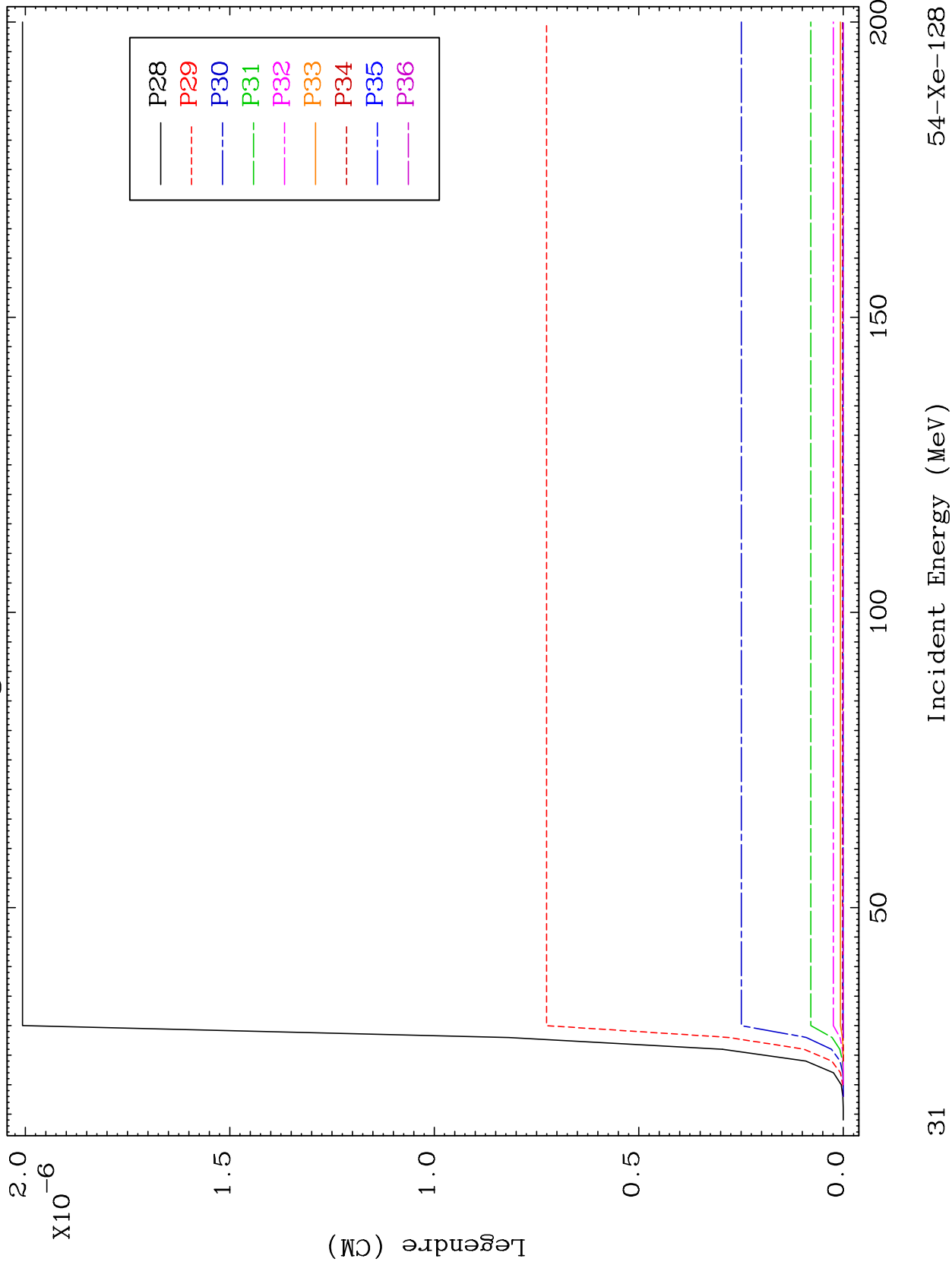
Incident Energy (MeV)

30

MAT 5437

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

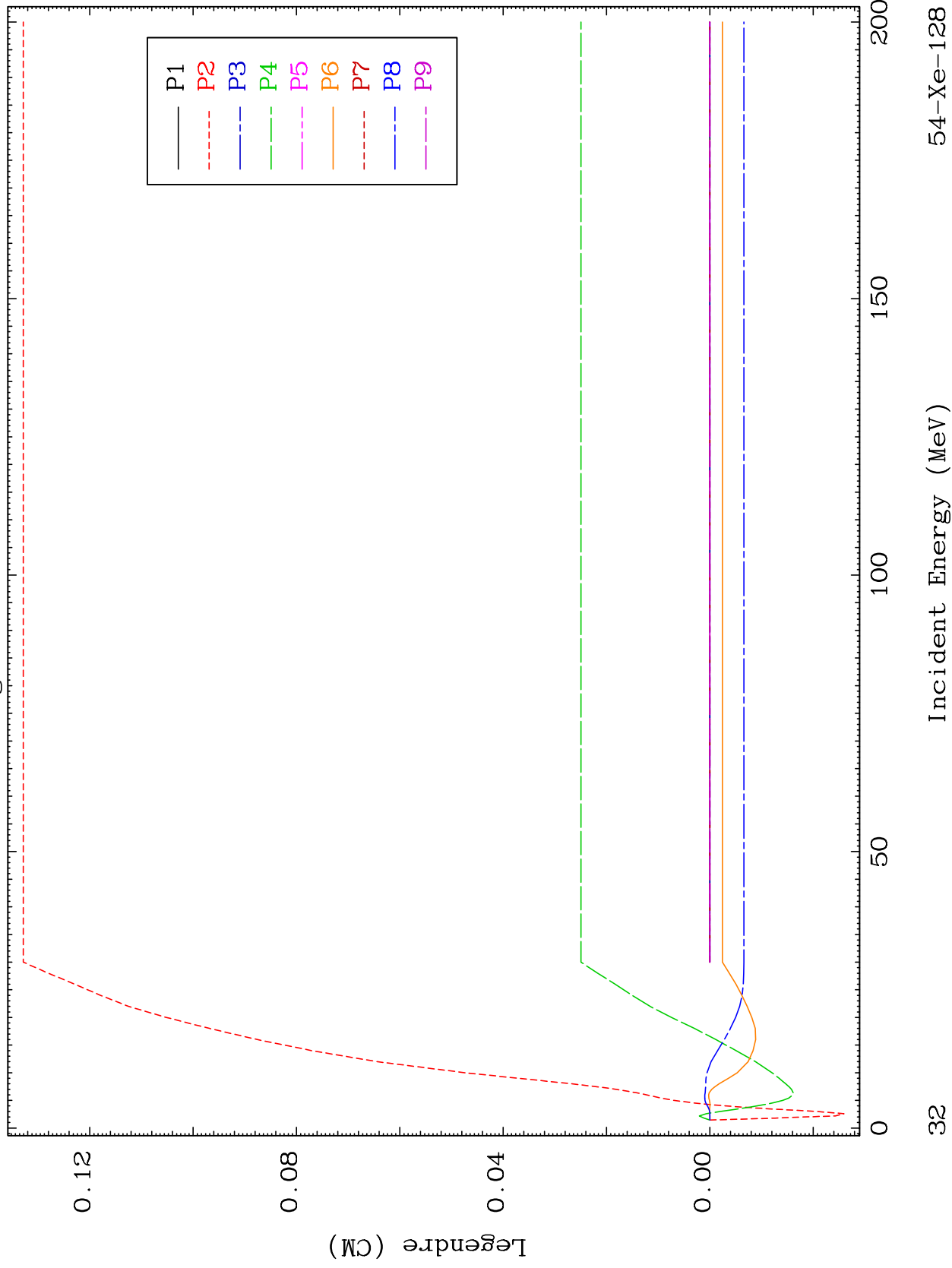
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

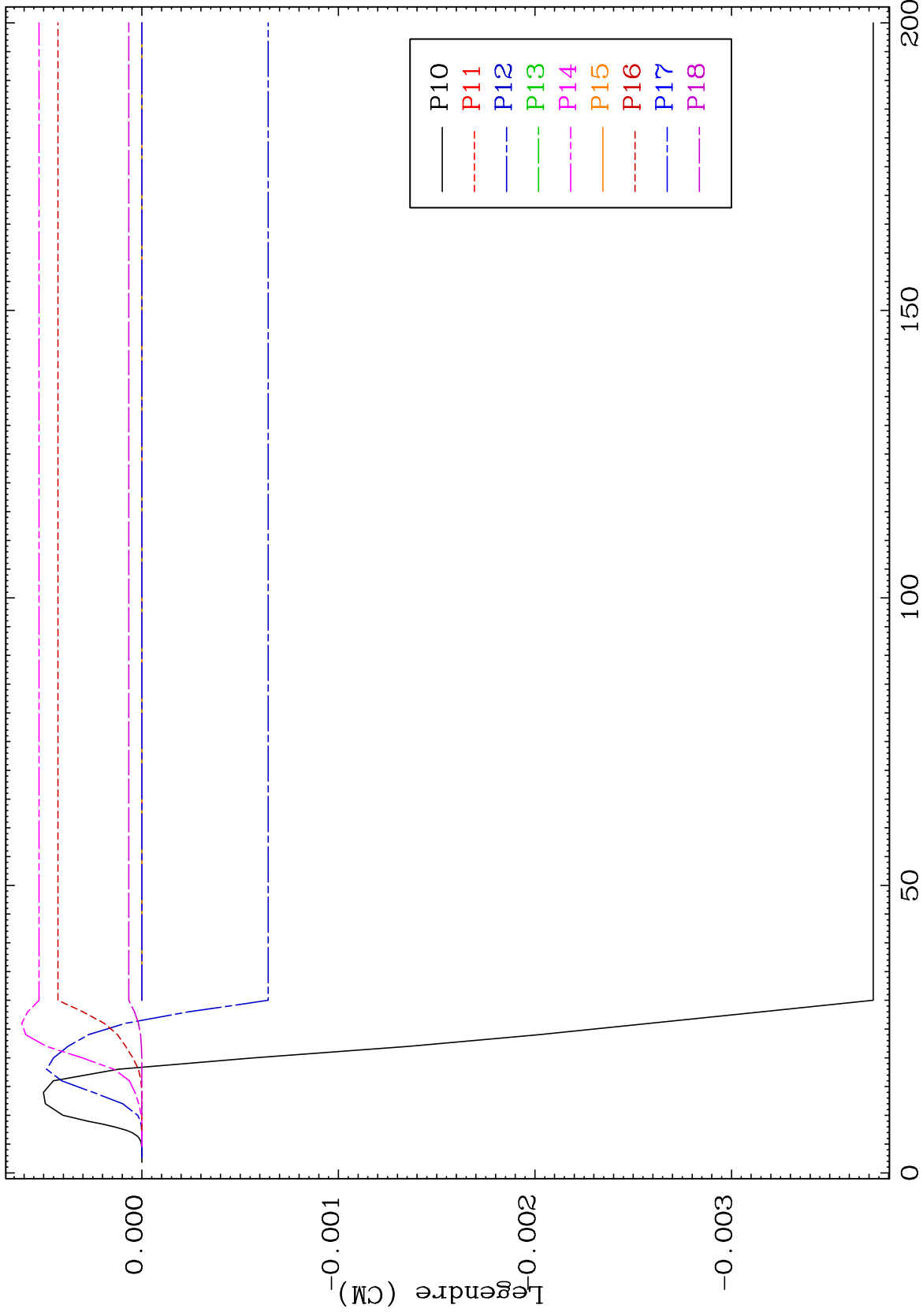
Incident Energy (MeV)

32

MAT 5437

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

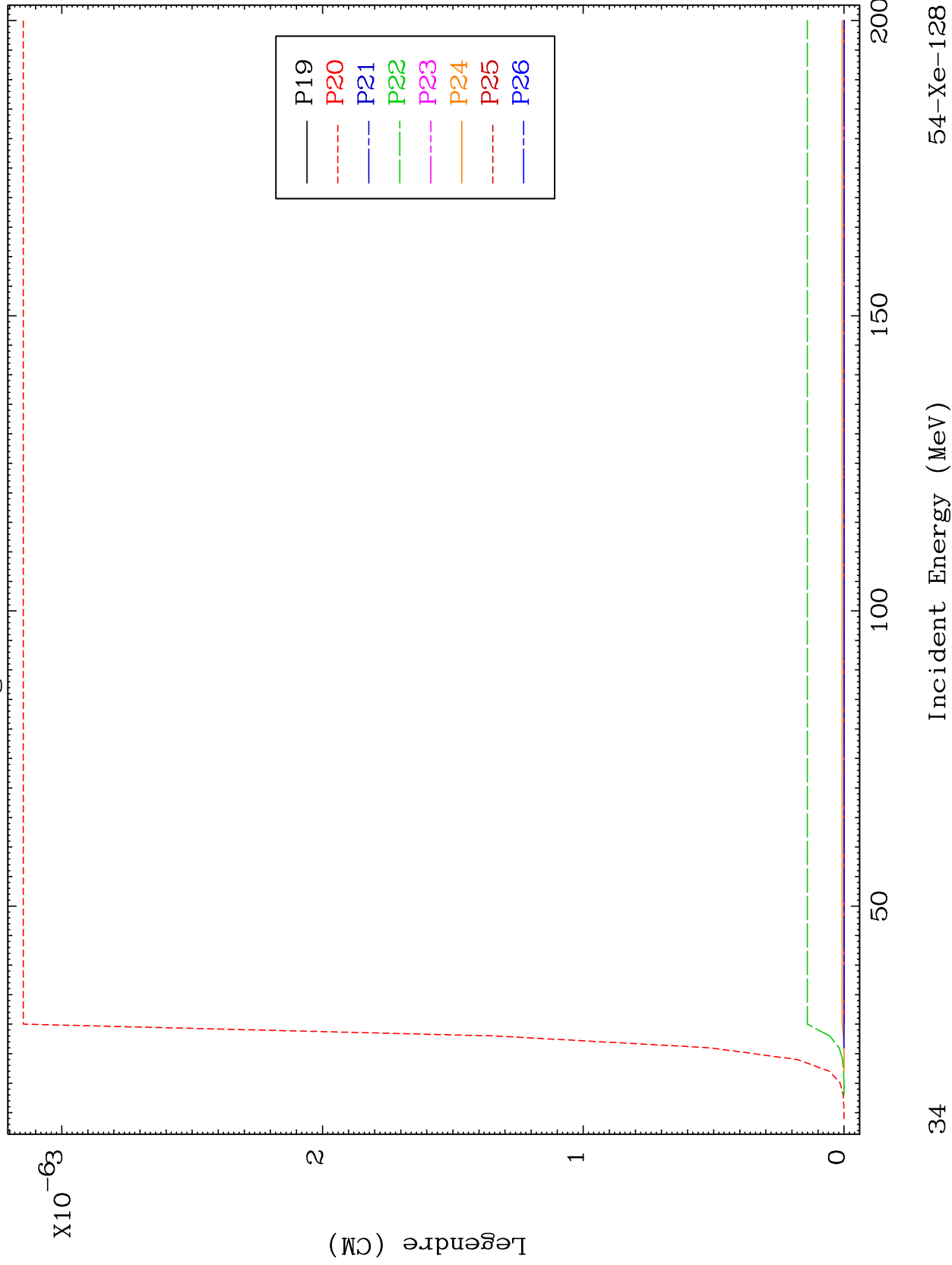
54-Xe-128



MAT 5437

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

54-Xe-128



34

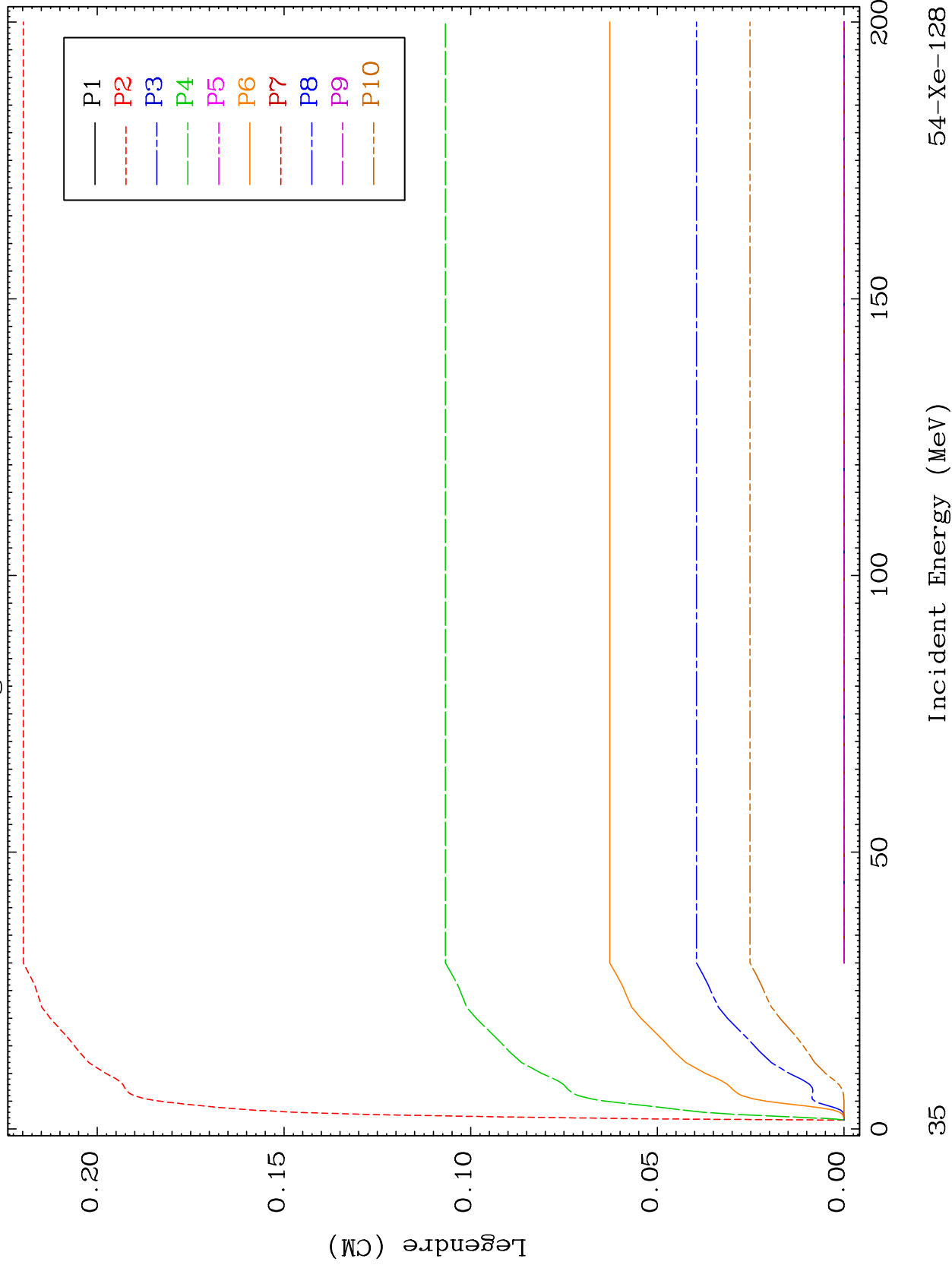
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

Incident Energy (MeV)

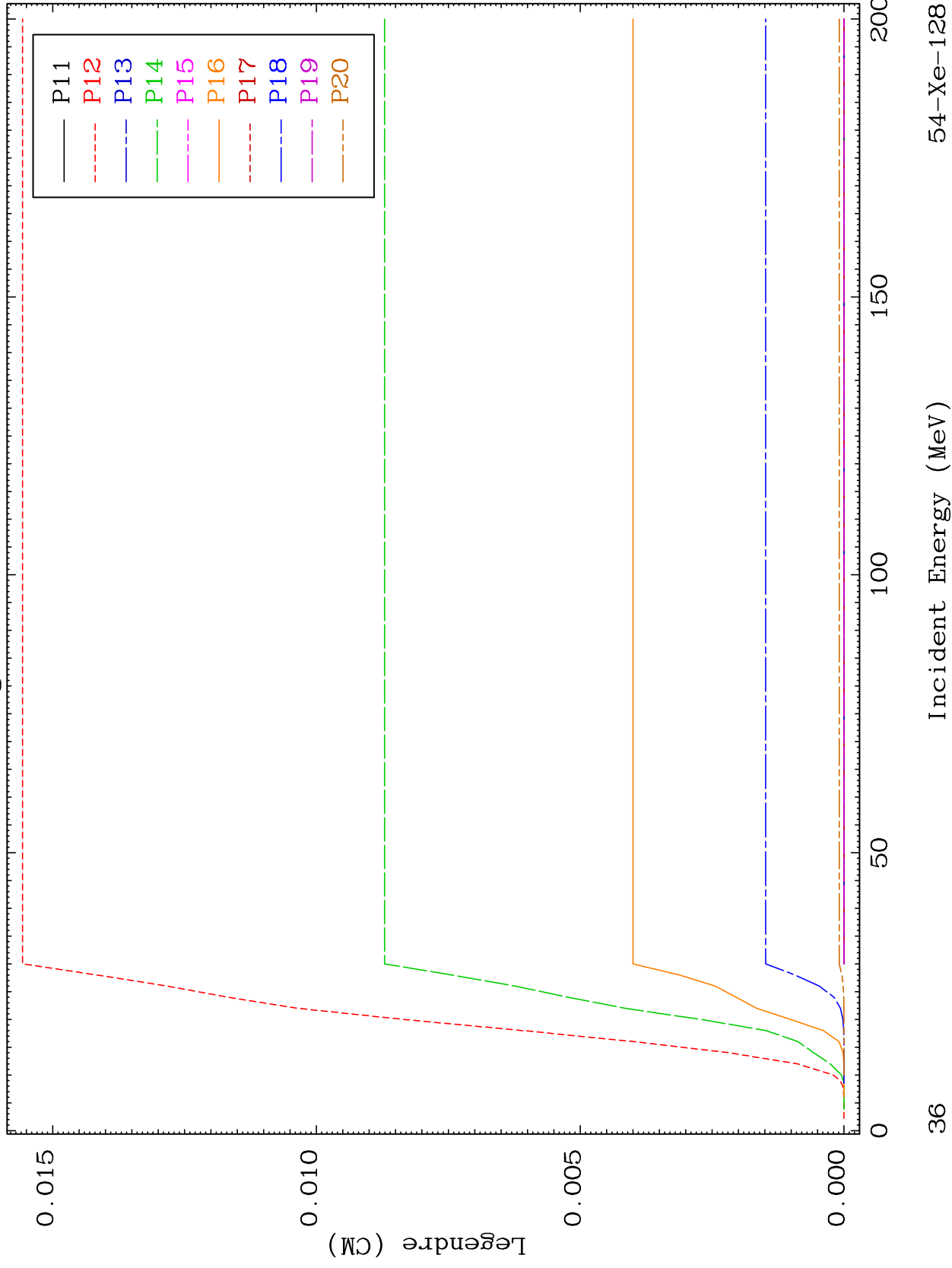
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MAT 5437

MT= 55 (n,n') Level

54-Xe-128

Legendre Coefficients



54-Xe-128

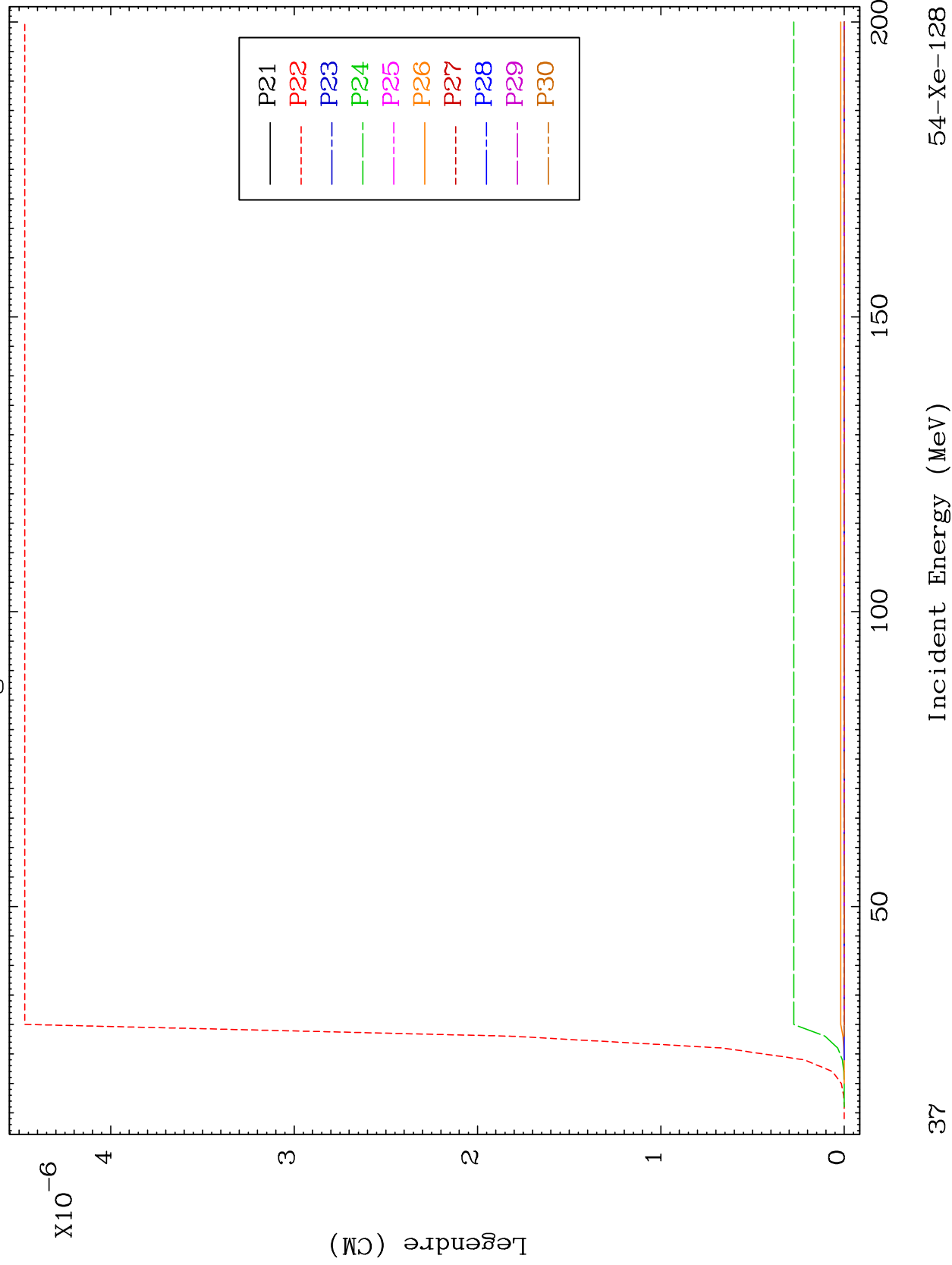
Incident Energy (MeV)

36

MAT 5437

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

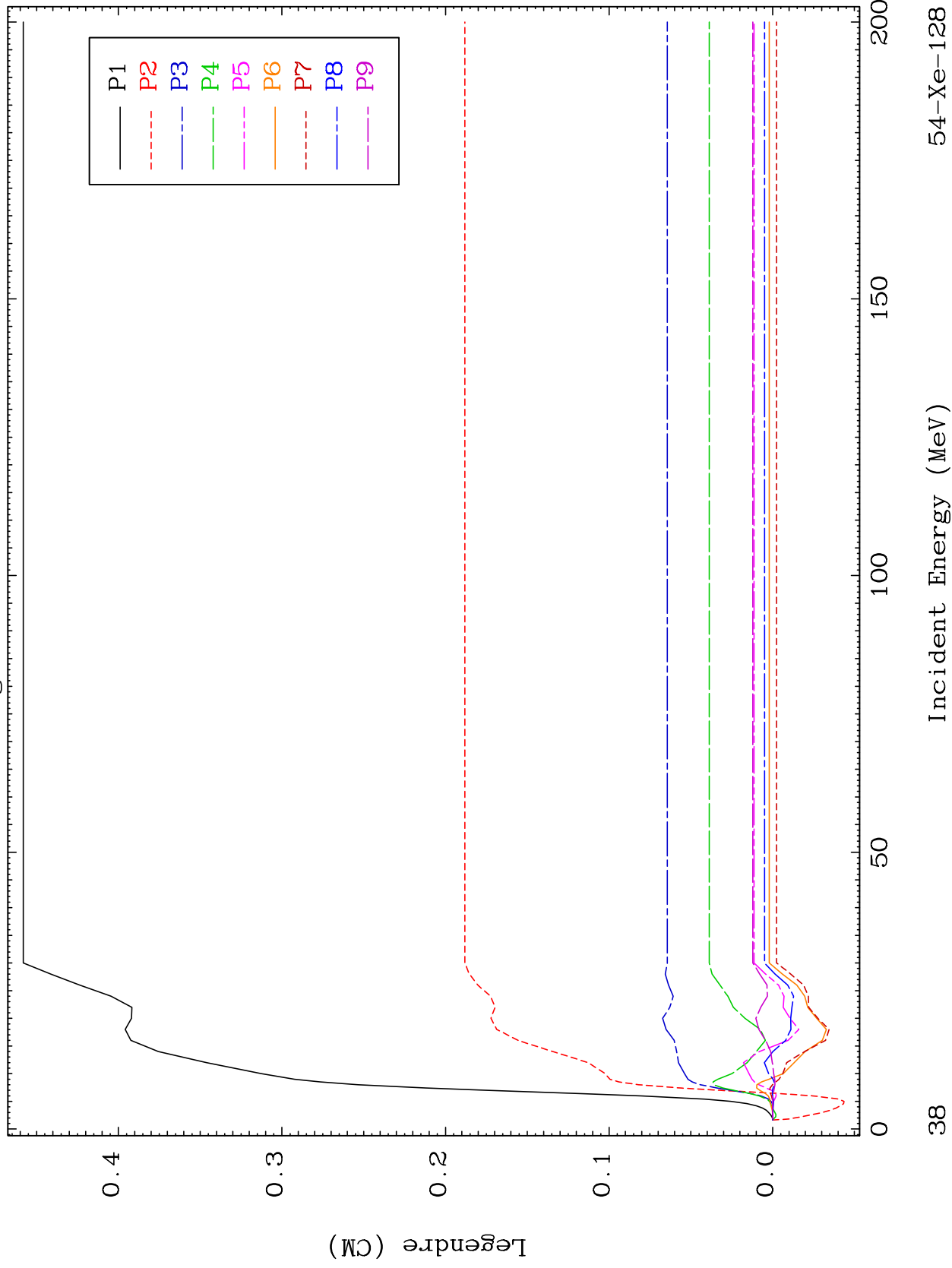
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

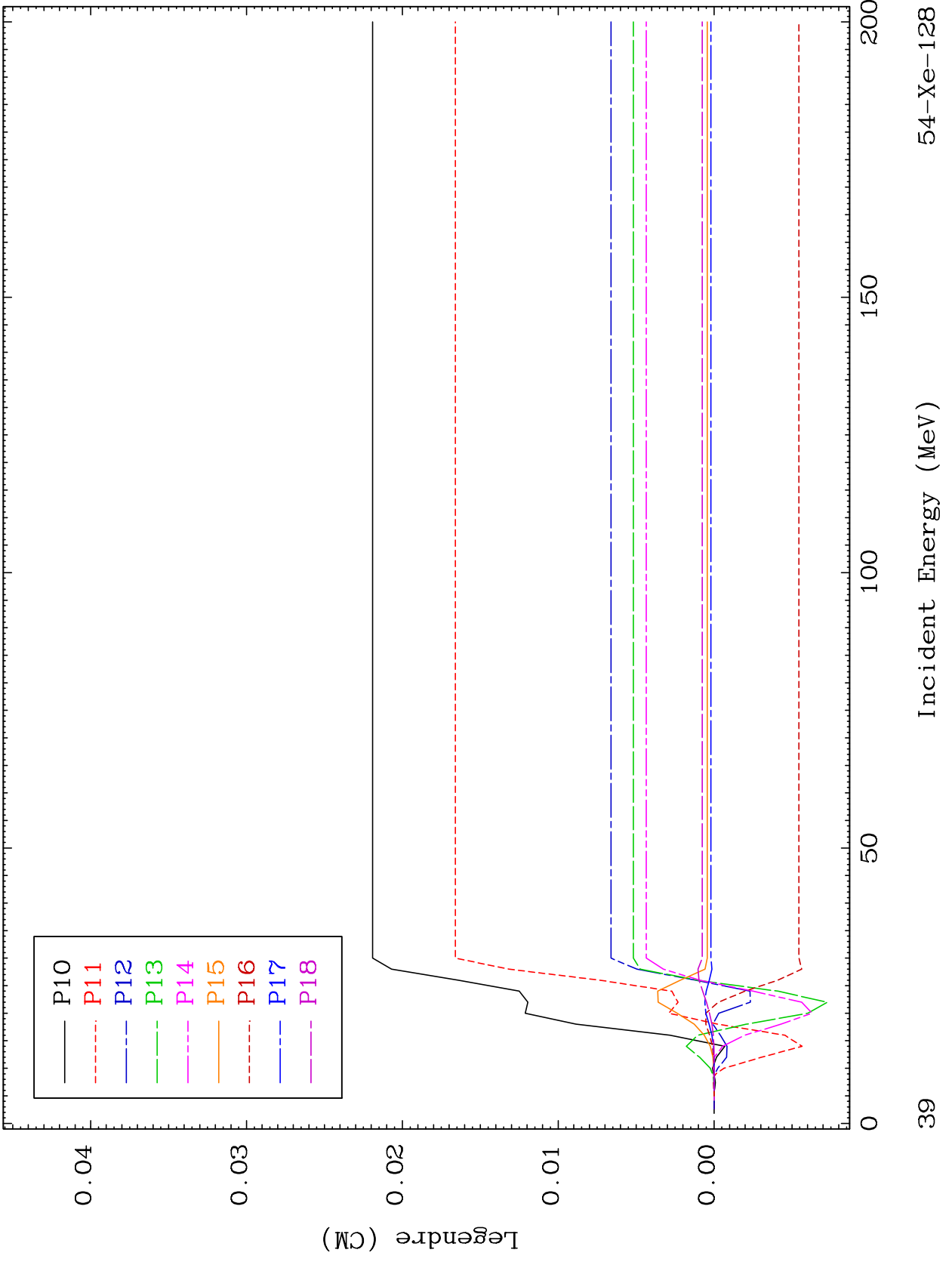
Incident Energy (MeV)

38

MAT 5437

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

54-Xe-128



39

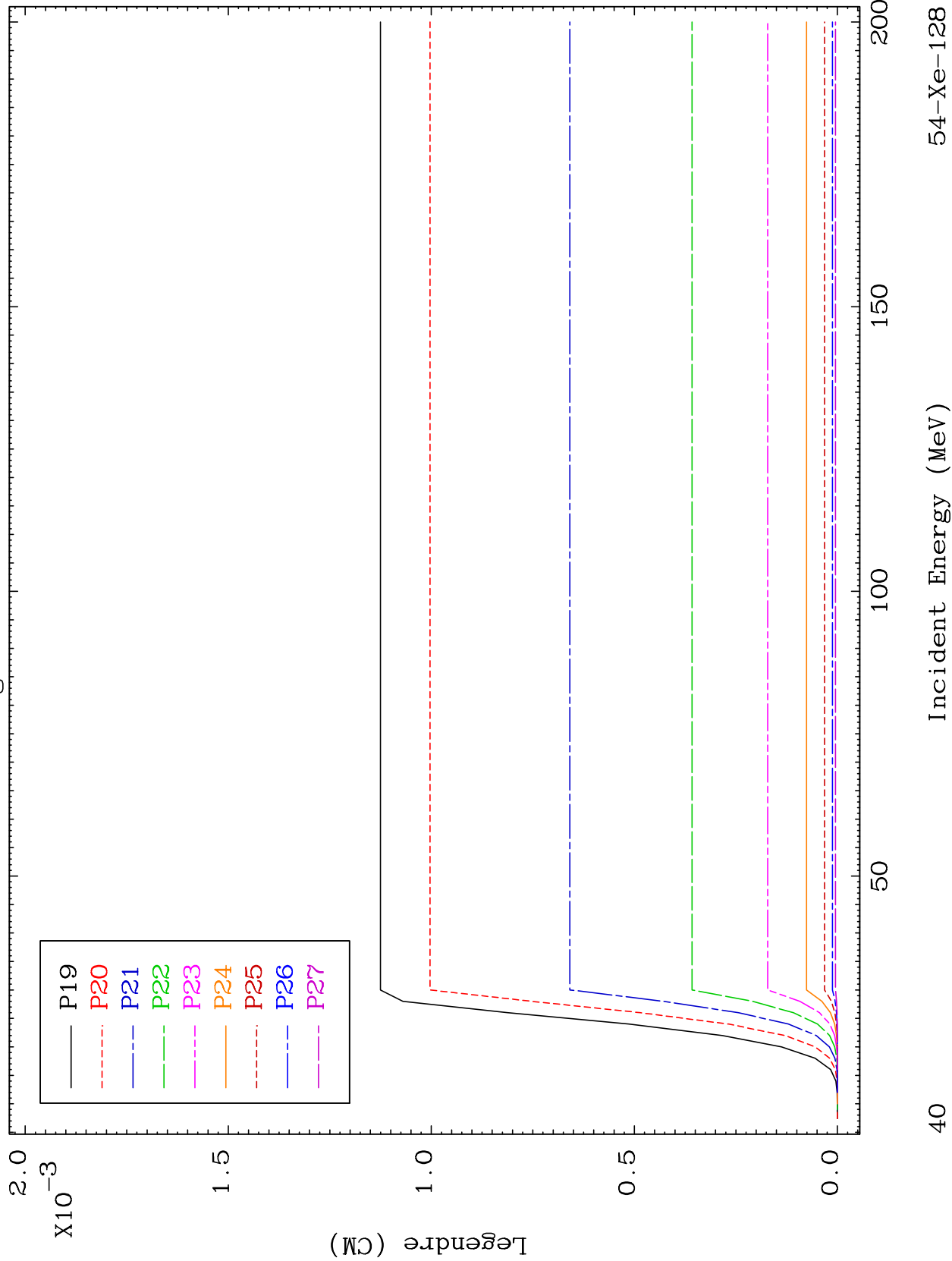
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



40

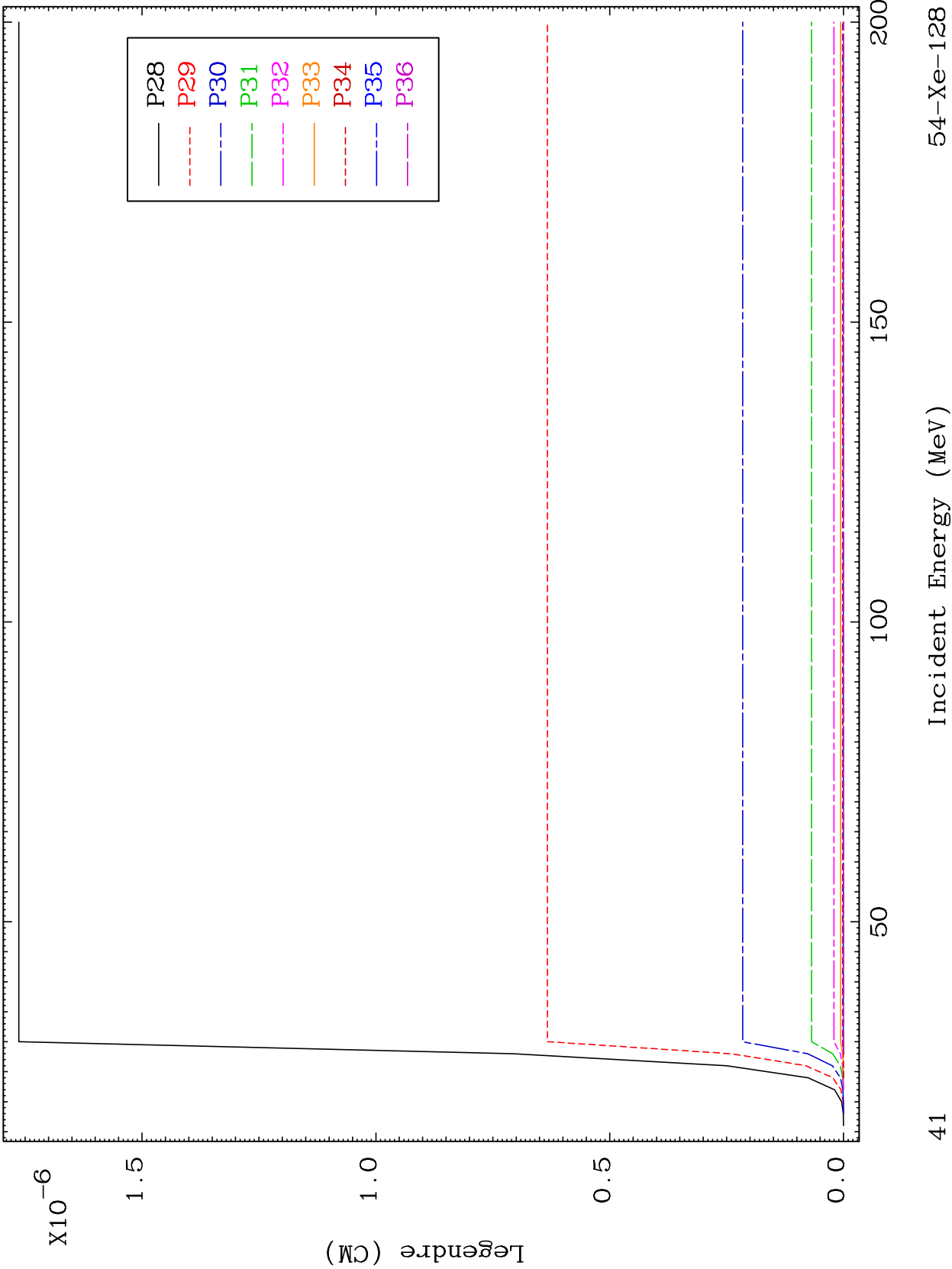
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



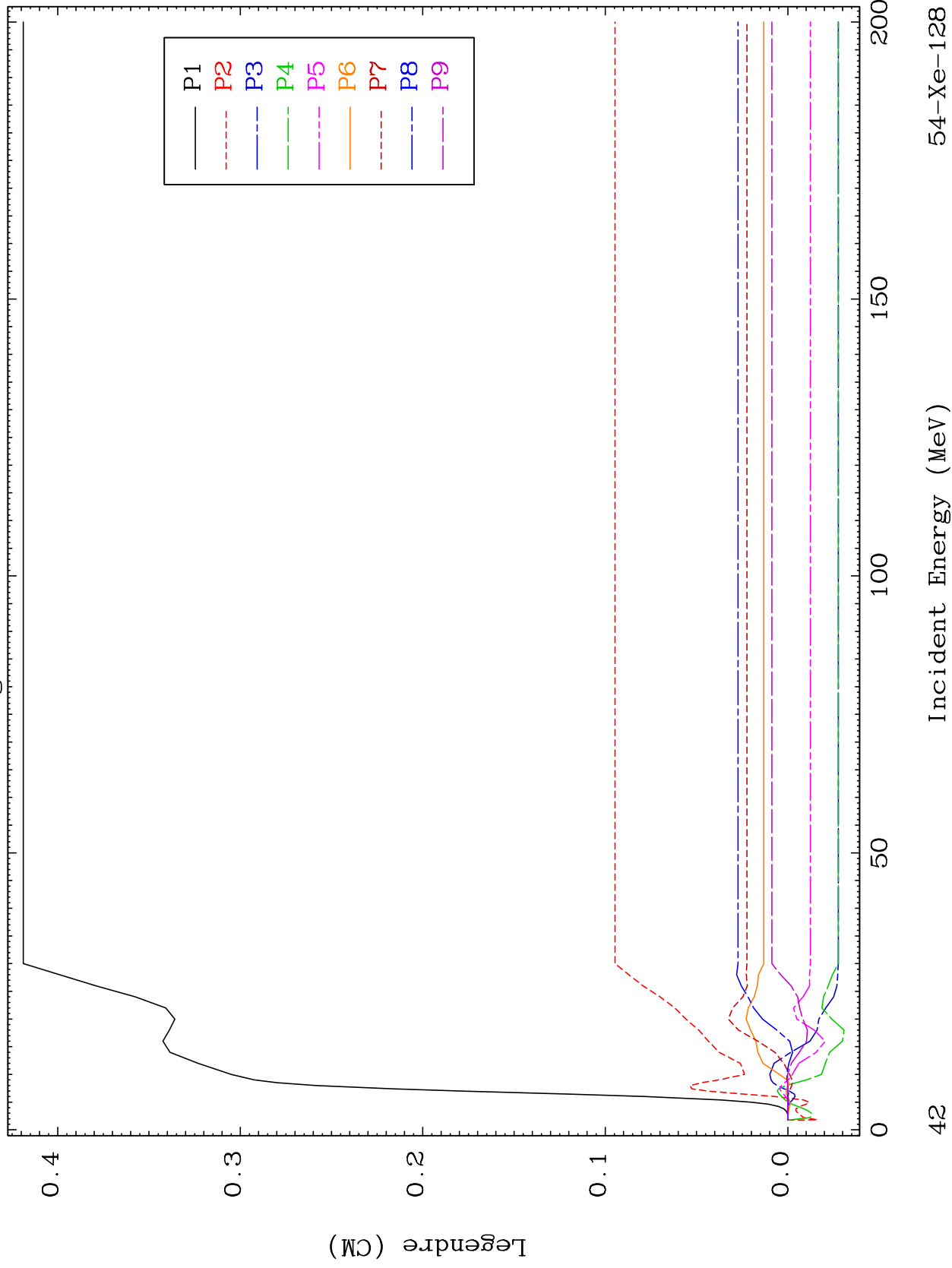
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54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

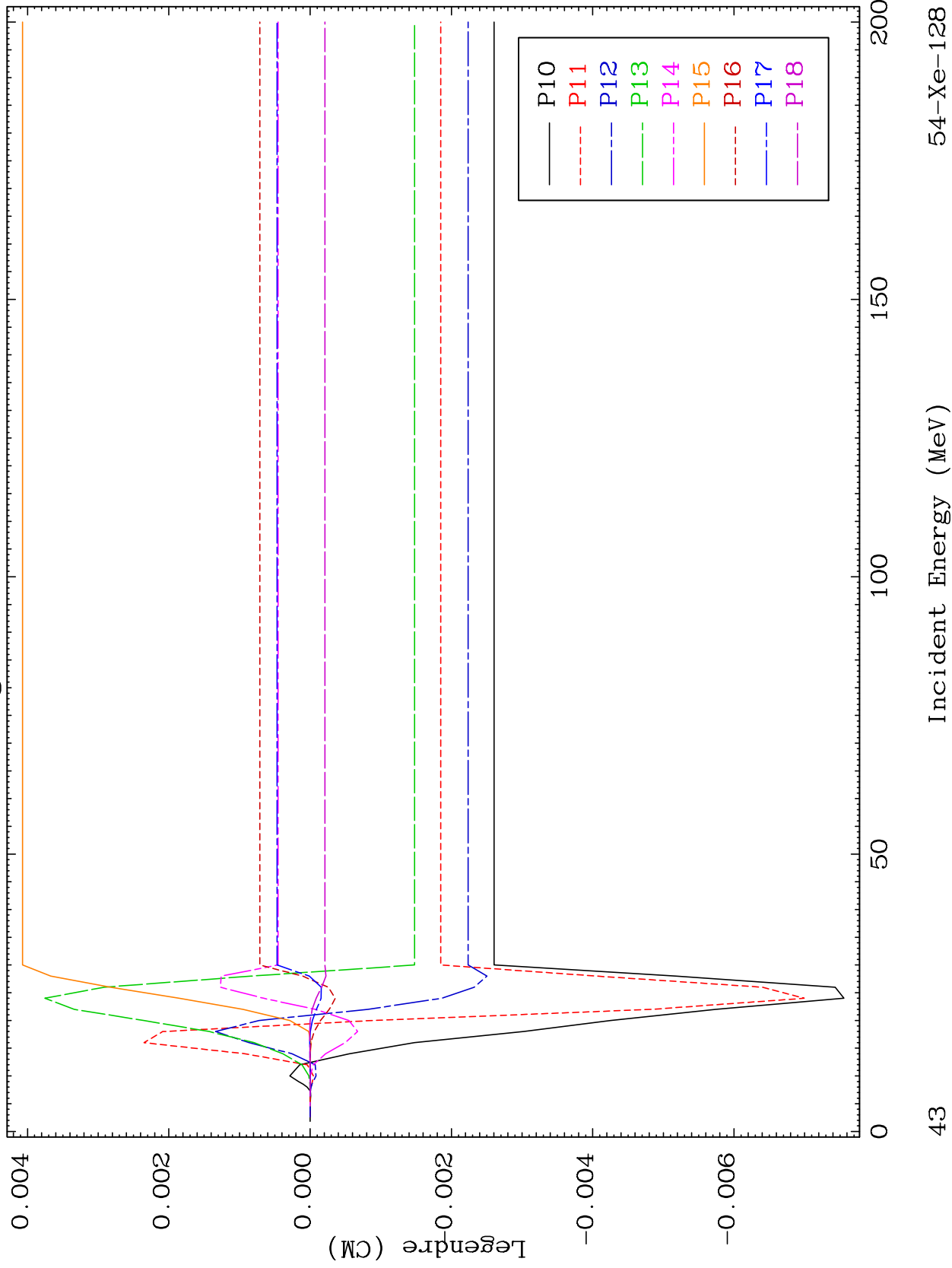
Incident Energy (MeV)

42

MAT 5437

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

54-Xe-128



43

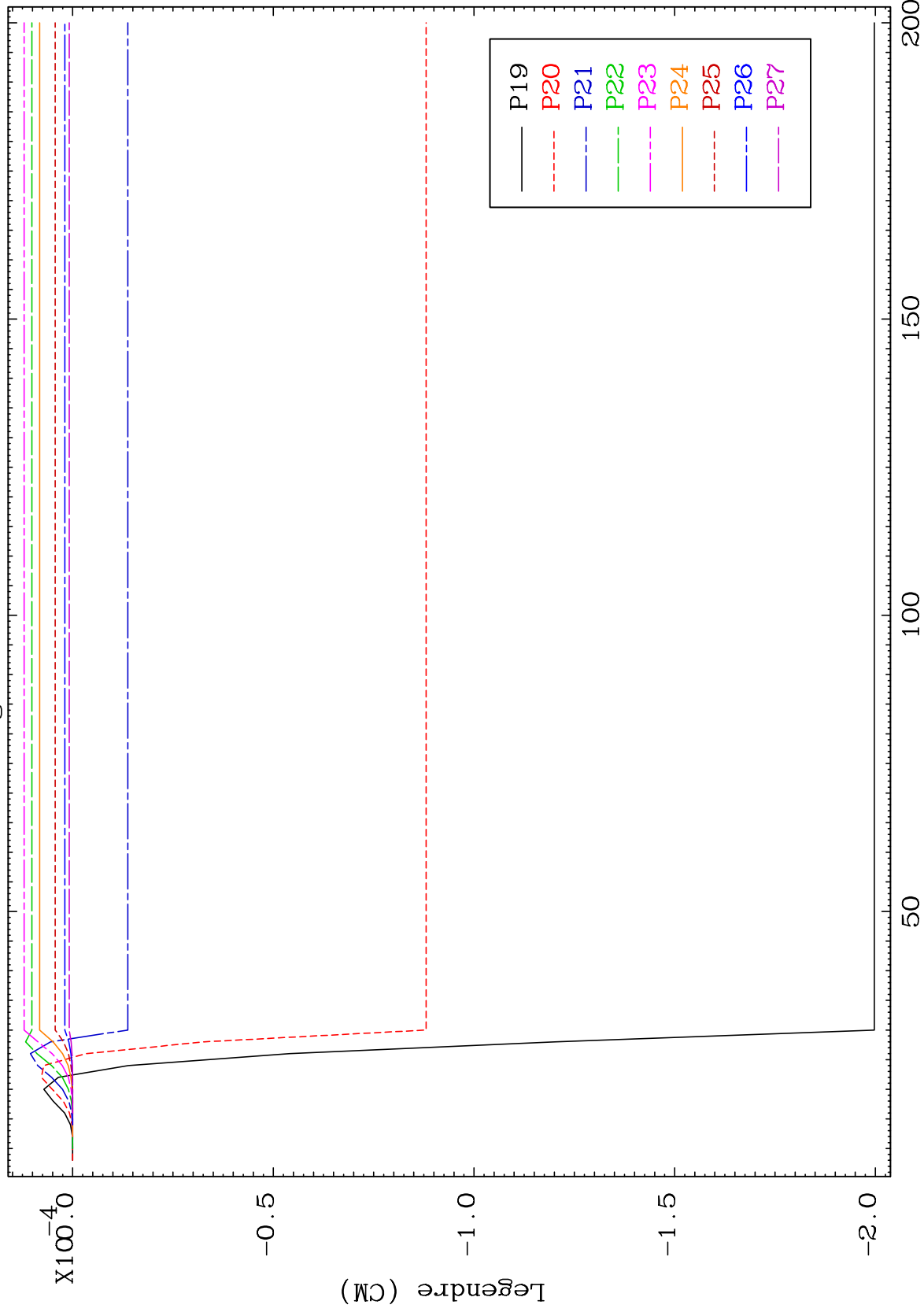
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

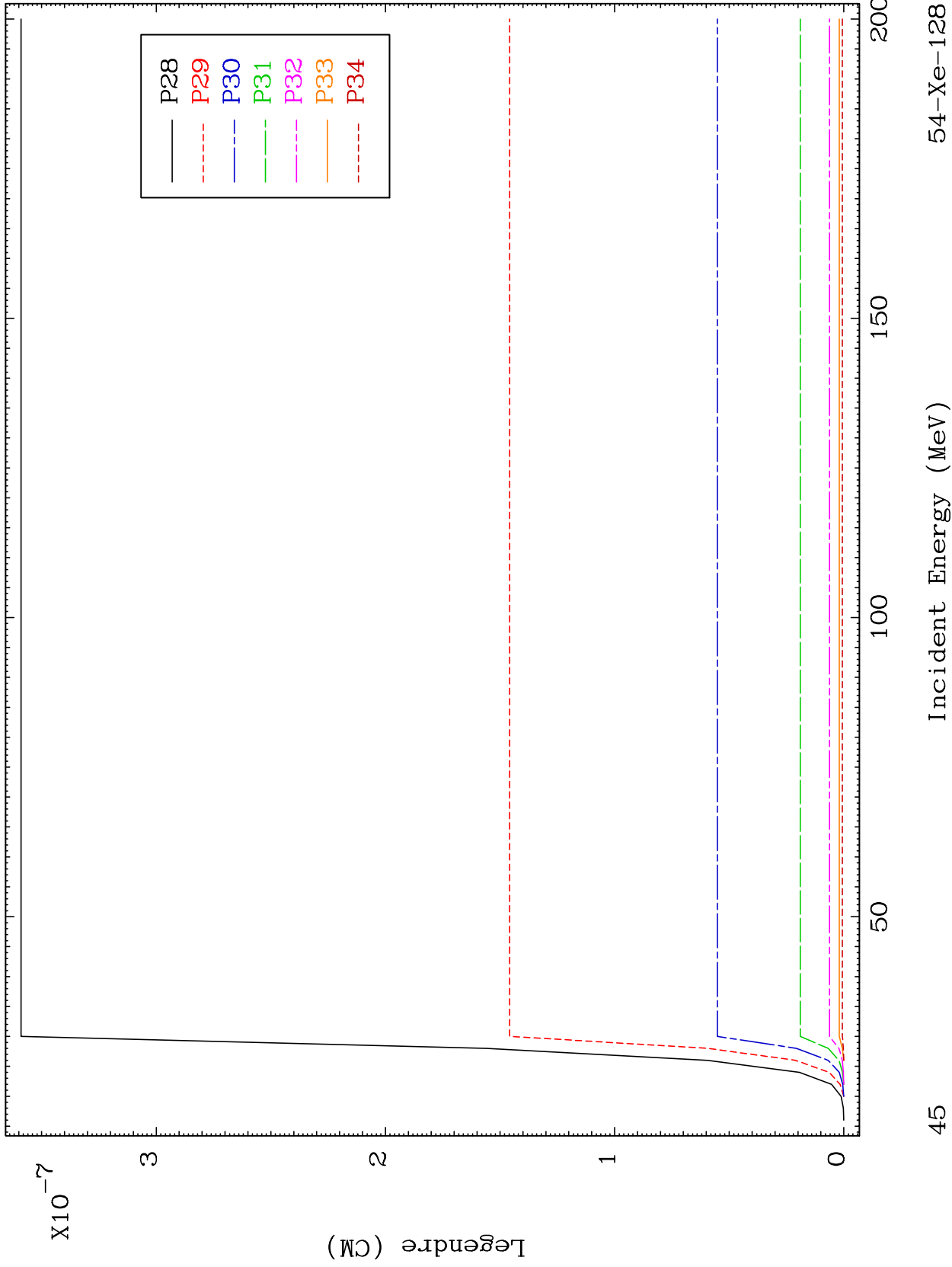
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MAT 5437

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

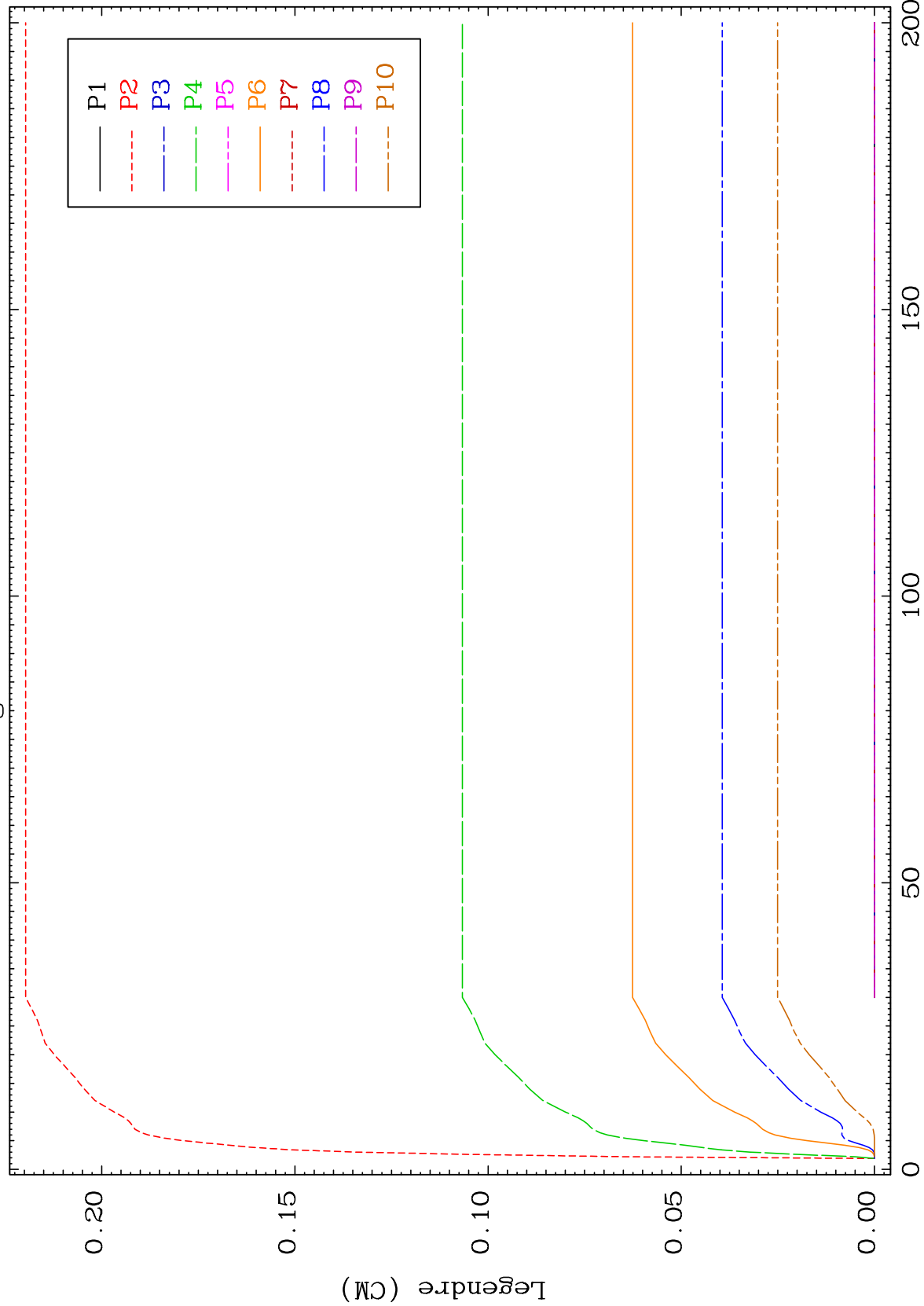
54-Xe-128



MAT 5437

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

54-Xe-128



46

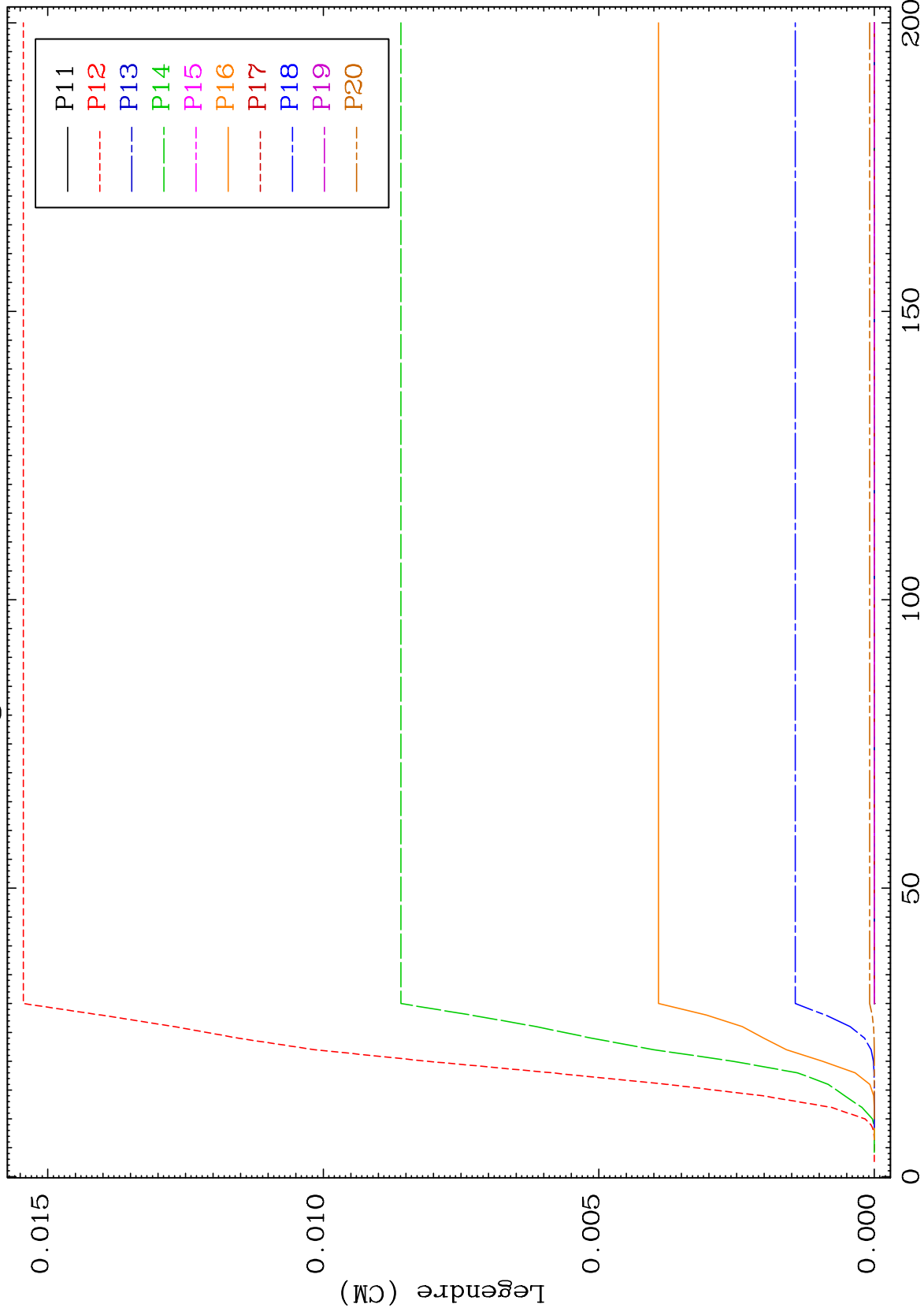
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



47

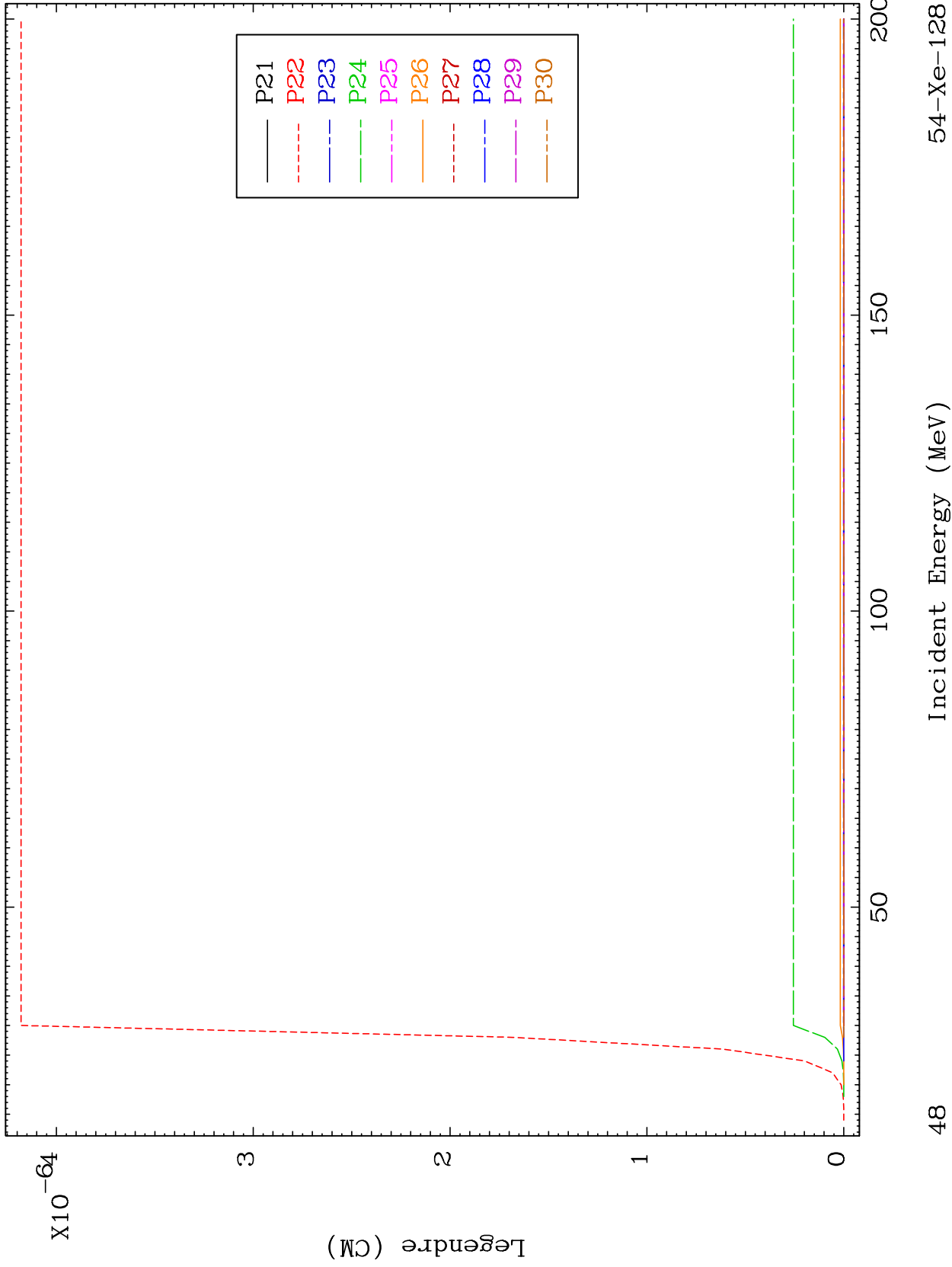
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

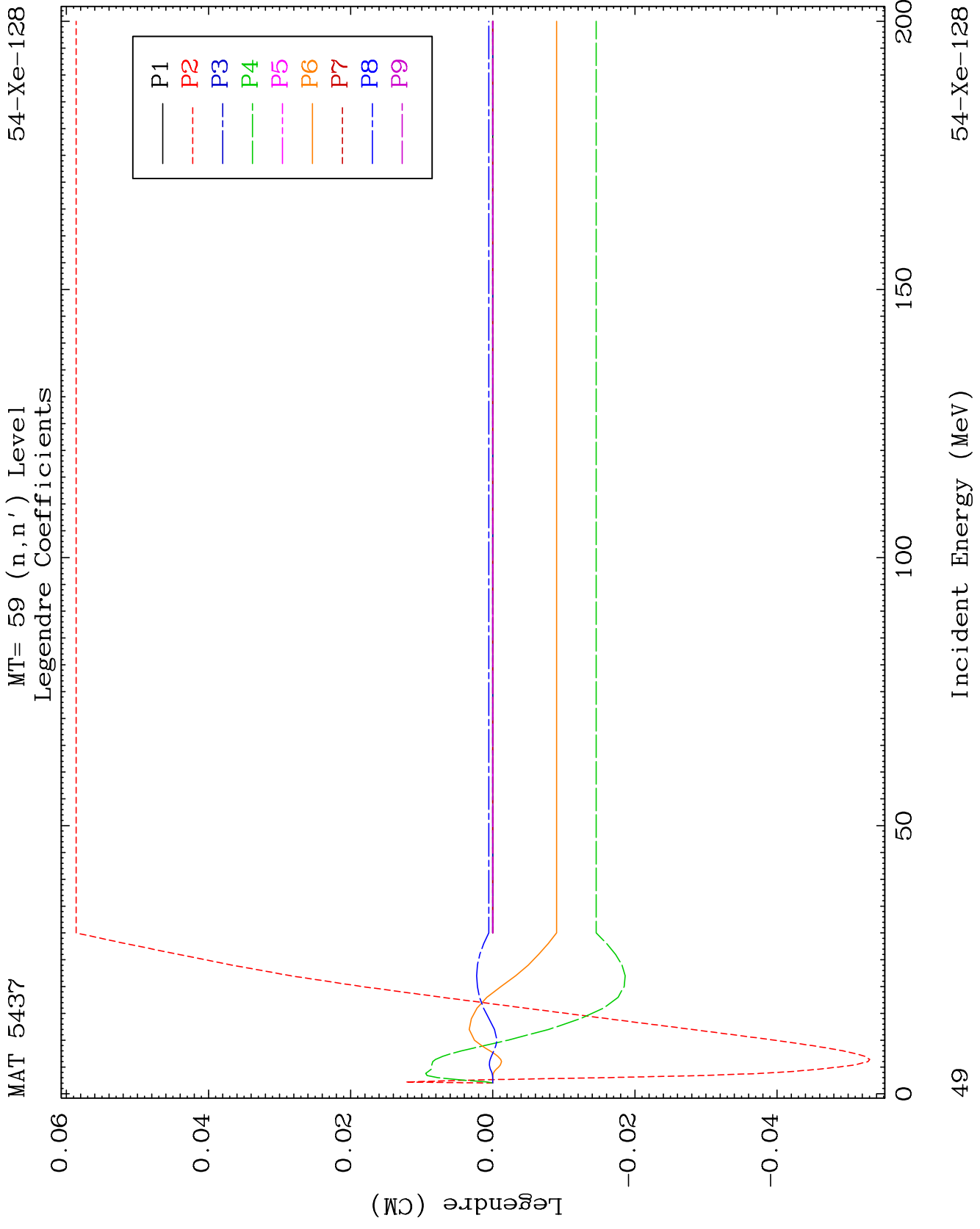
54-Xe-128



48

Incident Energy (MeV)

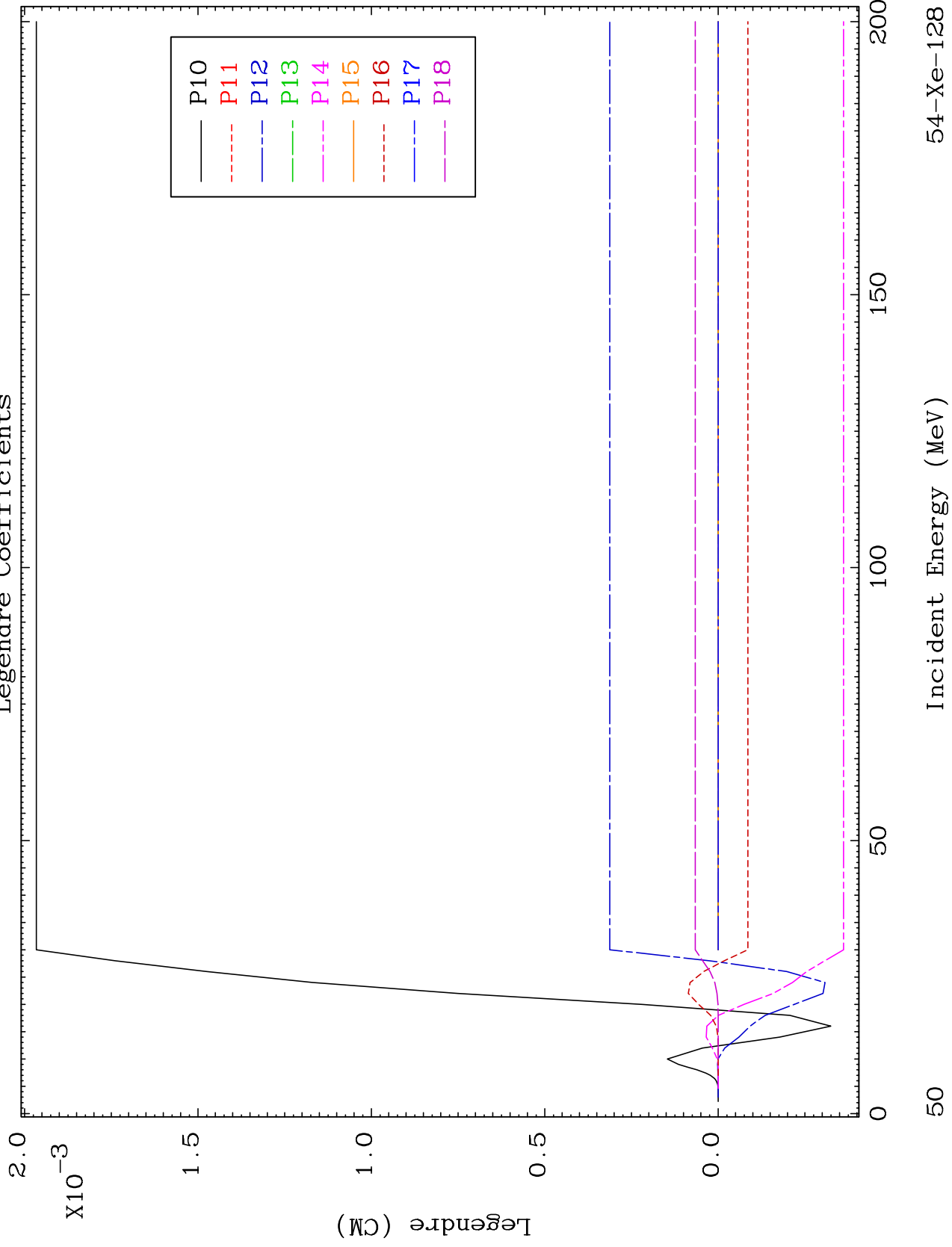
54-Xe-128



MAT 5437

MT= 59 (n,n') Level
Legendre Coefficients

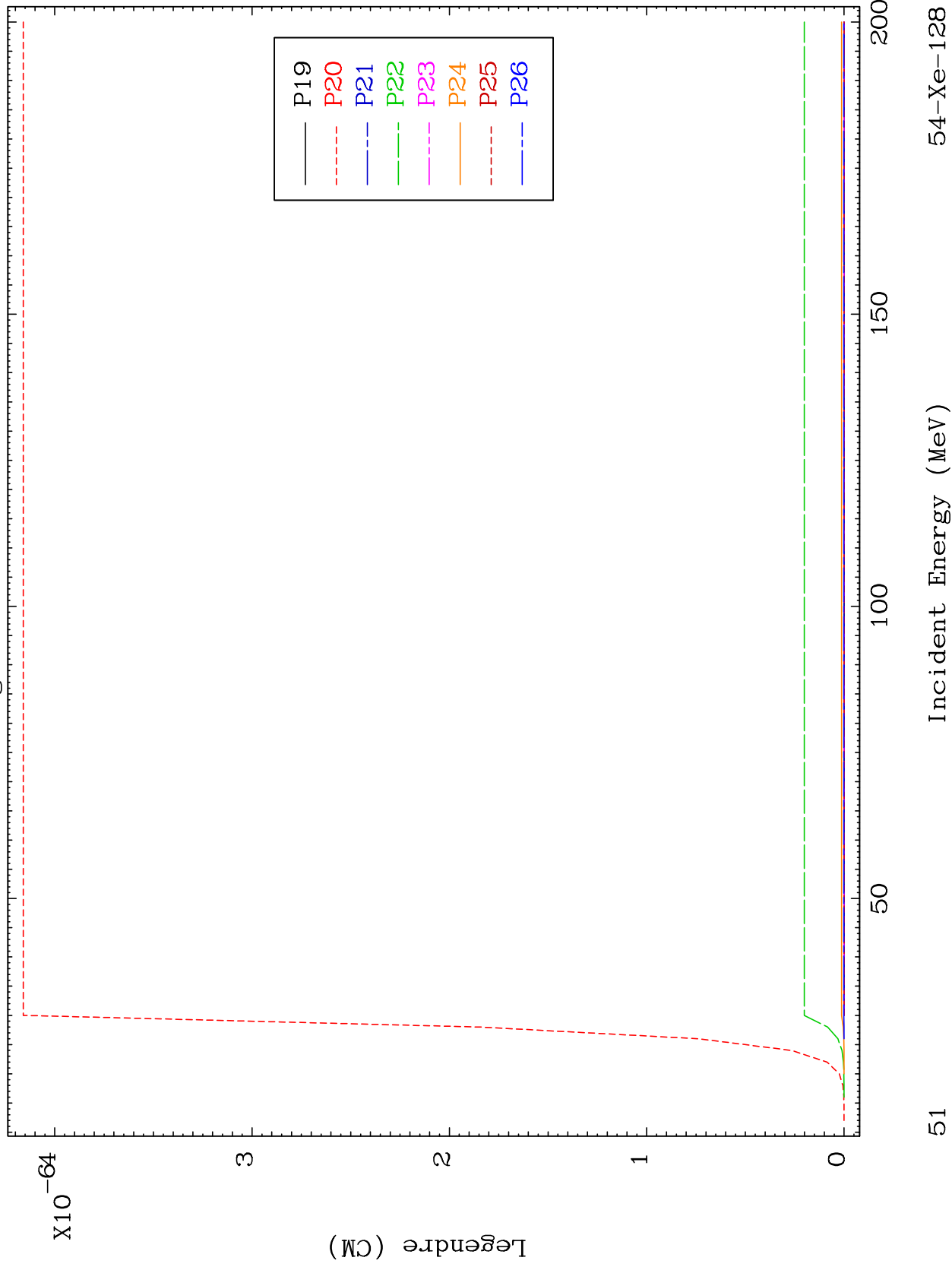
54-Xe-128



MAT 5437

MT= 59 (n,n') Level
Legendre Coefficients

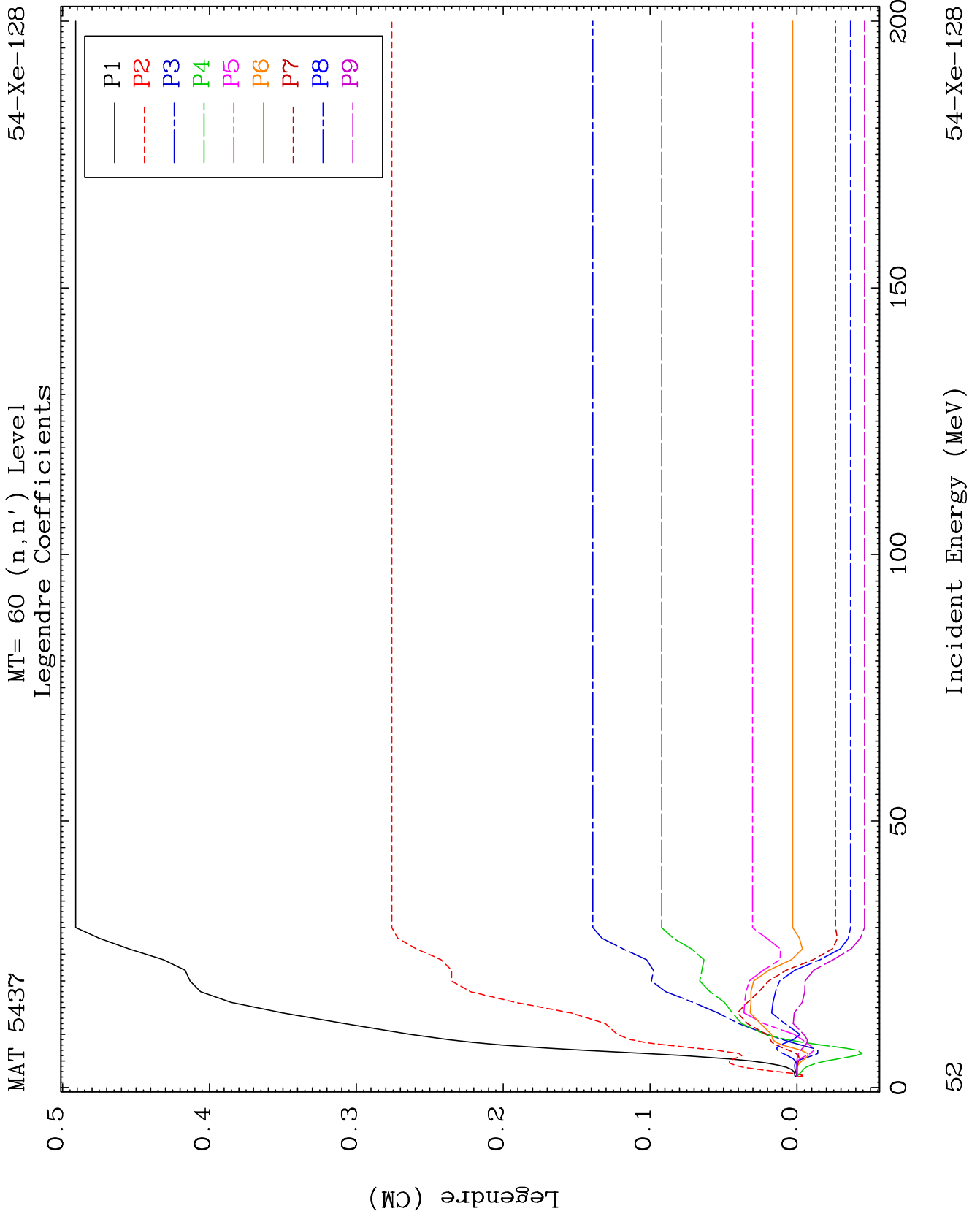
54-Xe-128



51

Incident Energy (MeV)

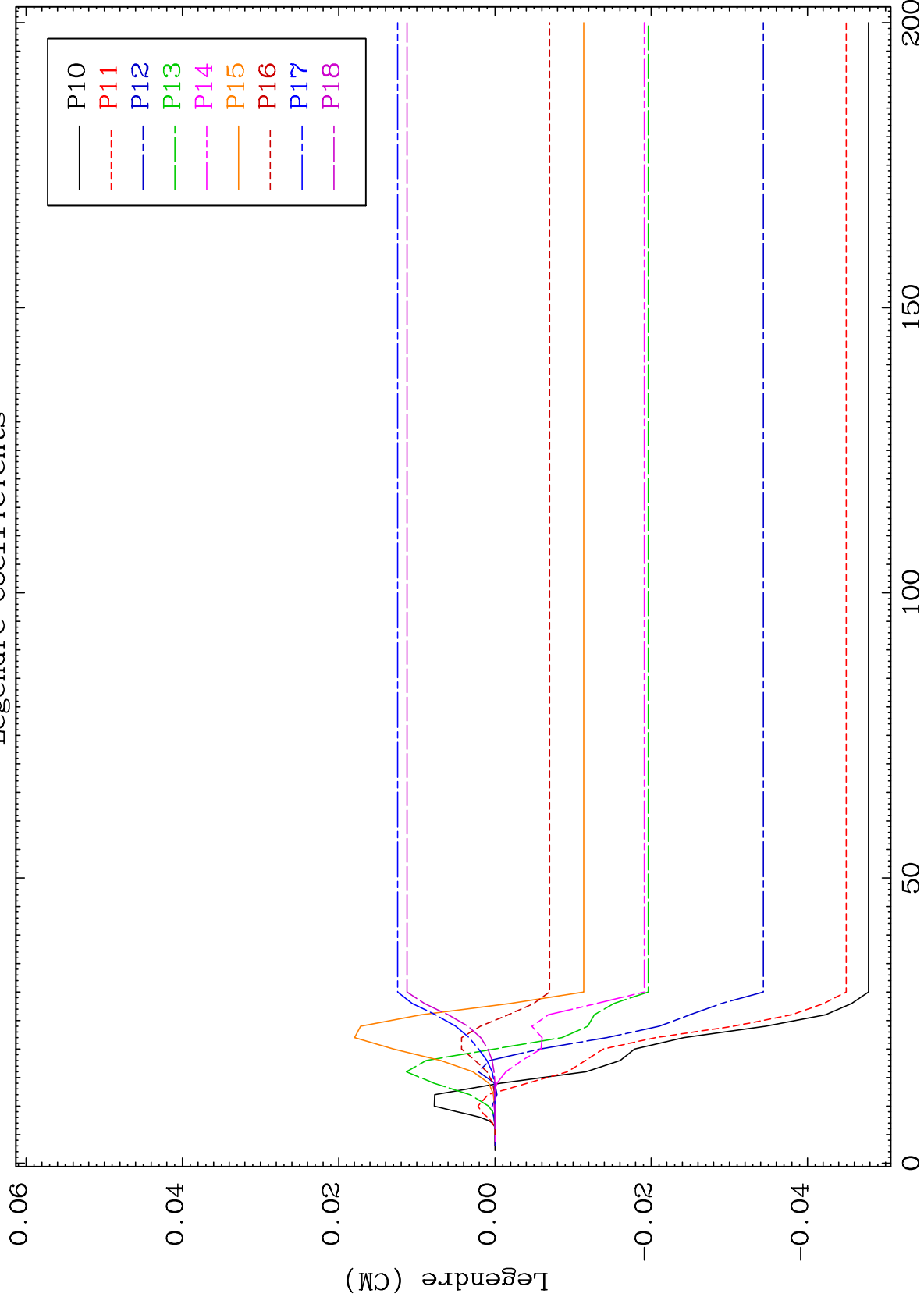
54-Xe-128



MAT 5437

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

54-Xe-128



53

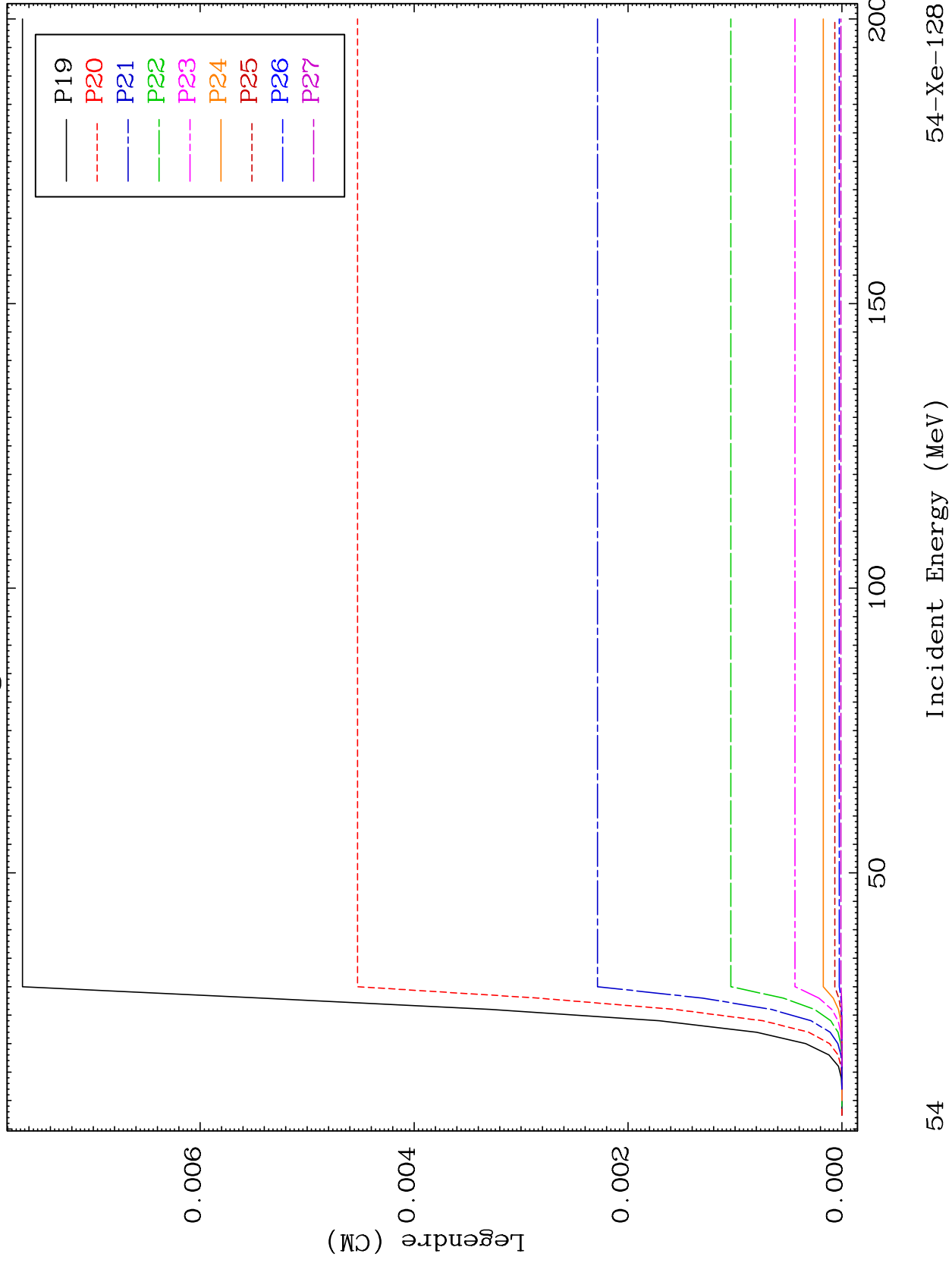
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



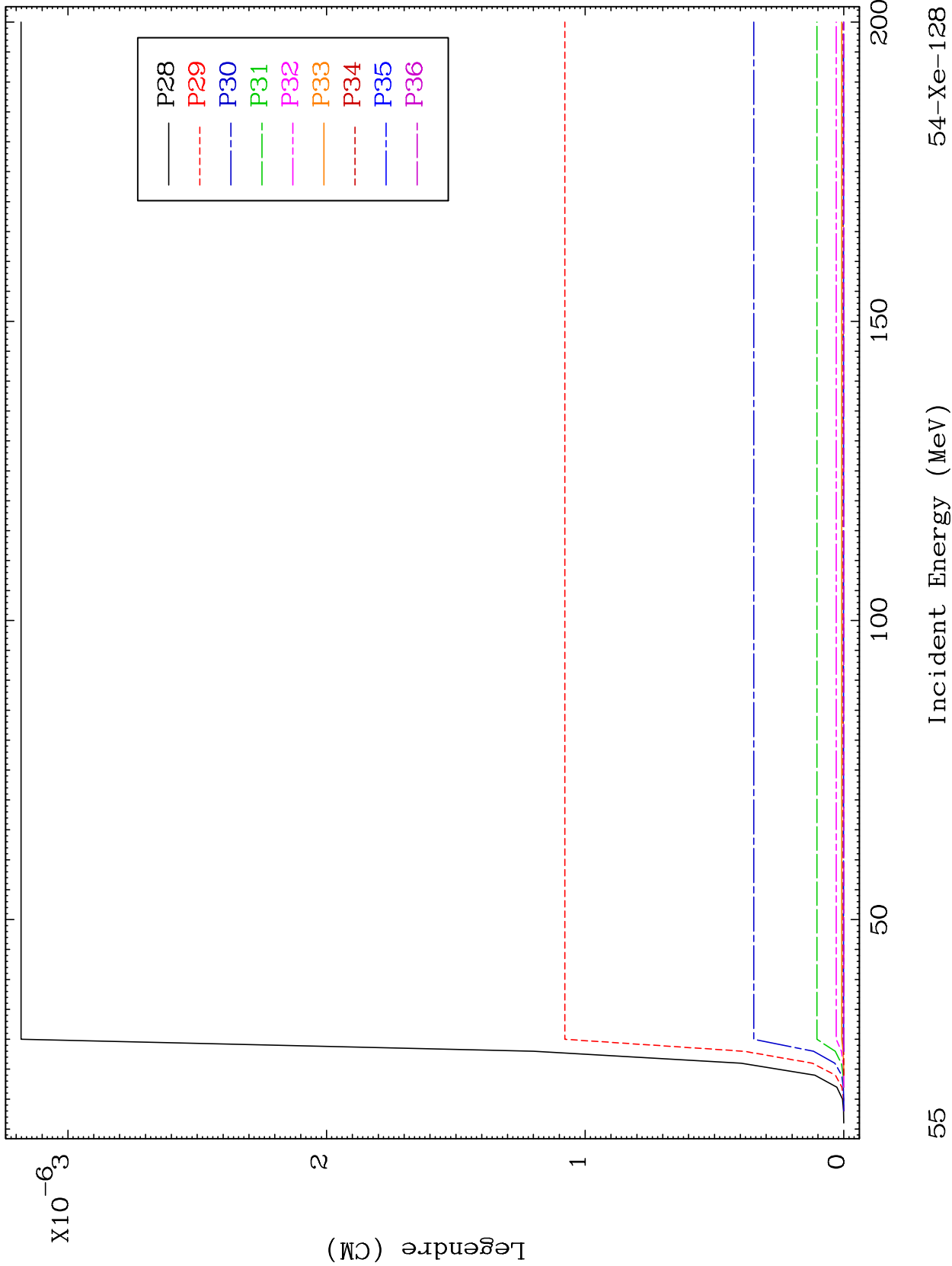
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54-Xe-128

MAT 5437

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

54-Xe-128



55

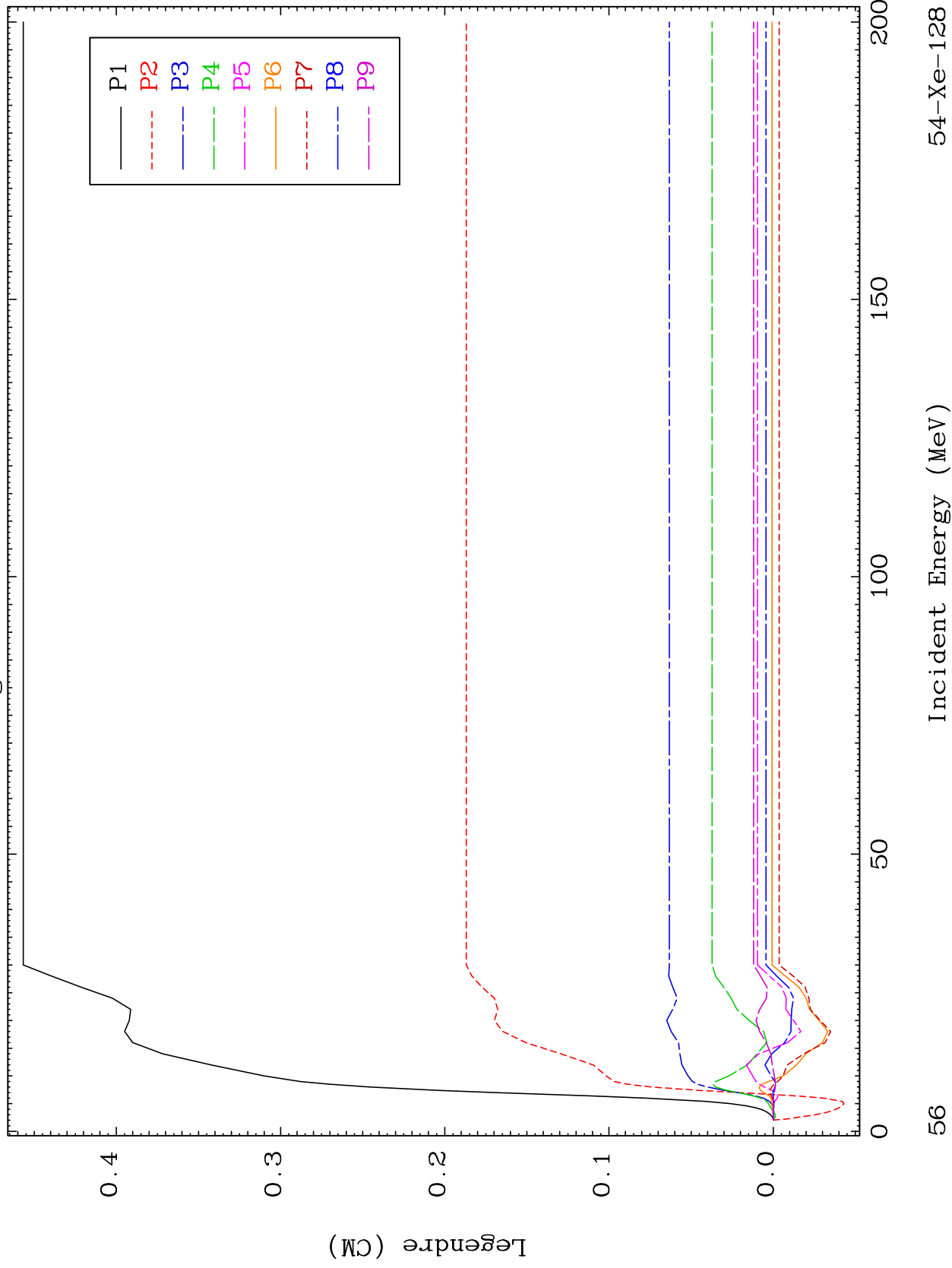
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

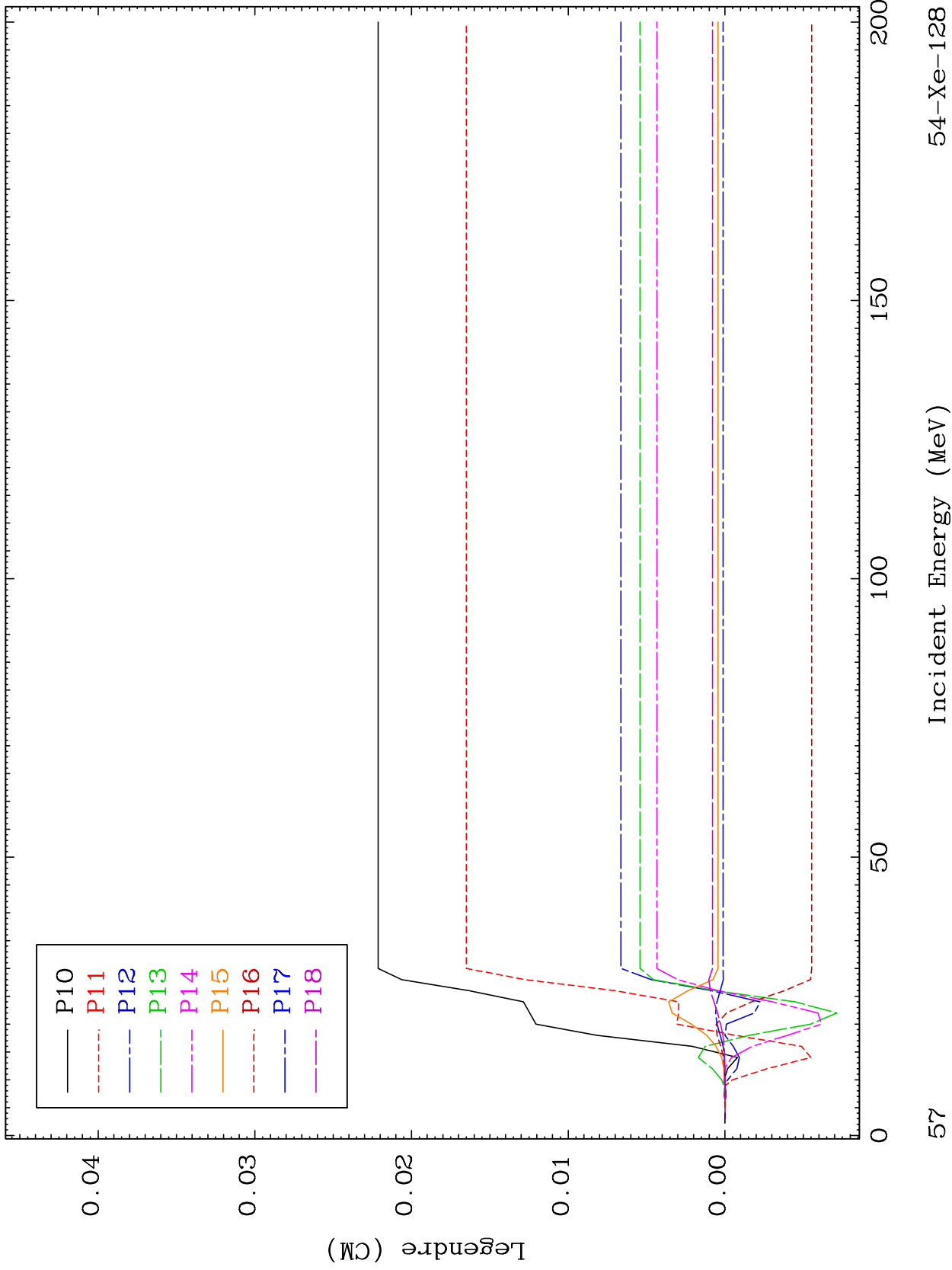
54-Xe-128



MAT 5437

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

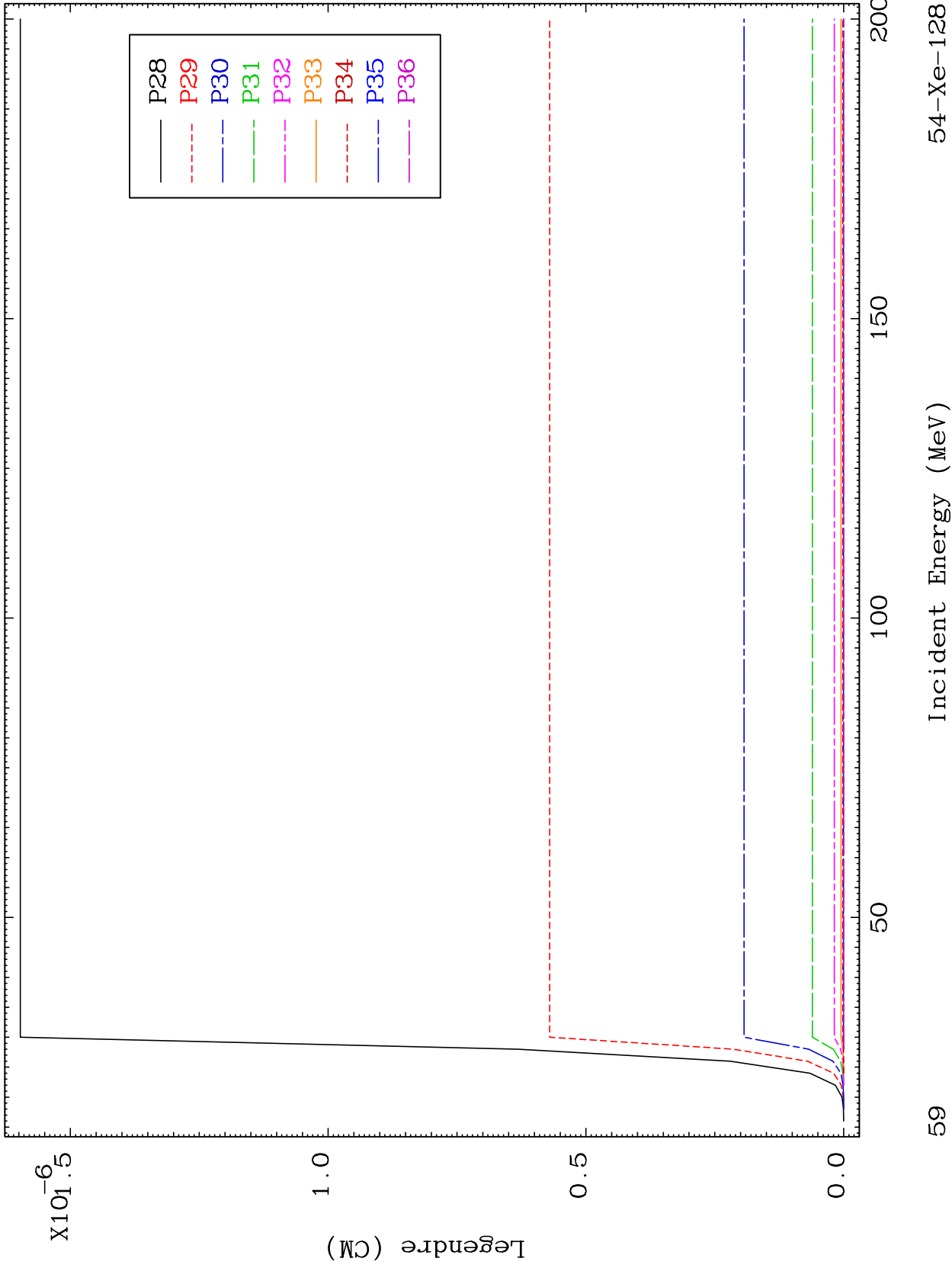
54-Xe-128



MAT 5437

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

54-Xe-128



59

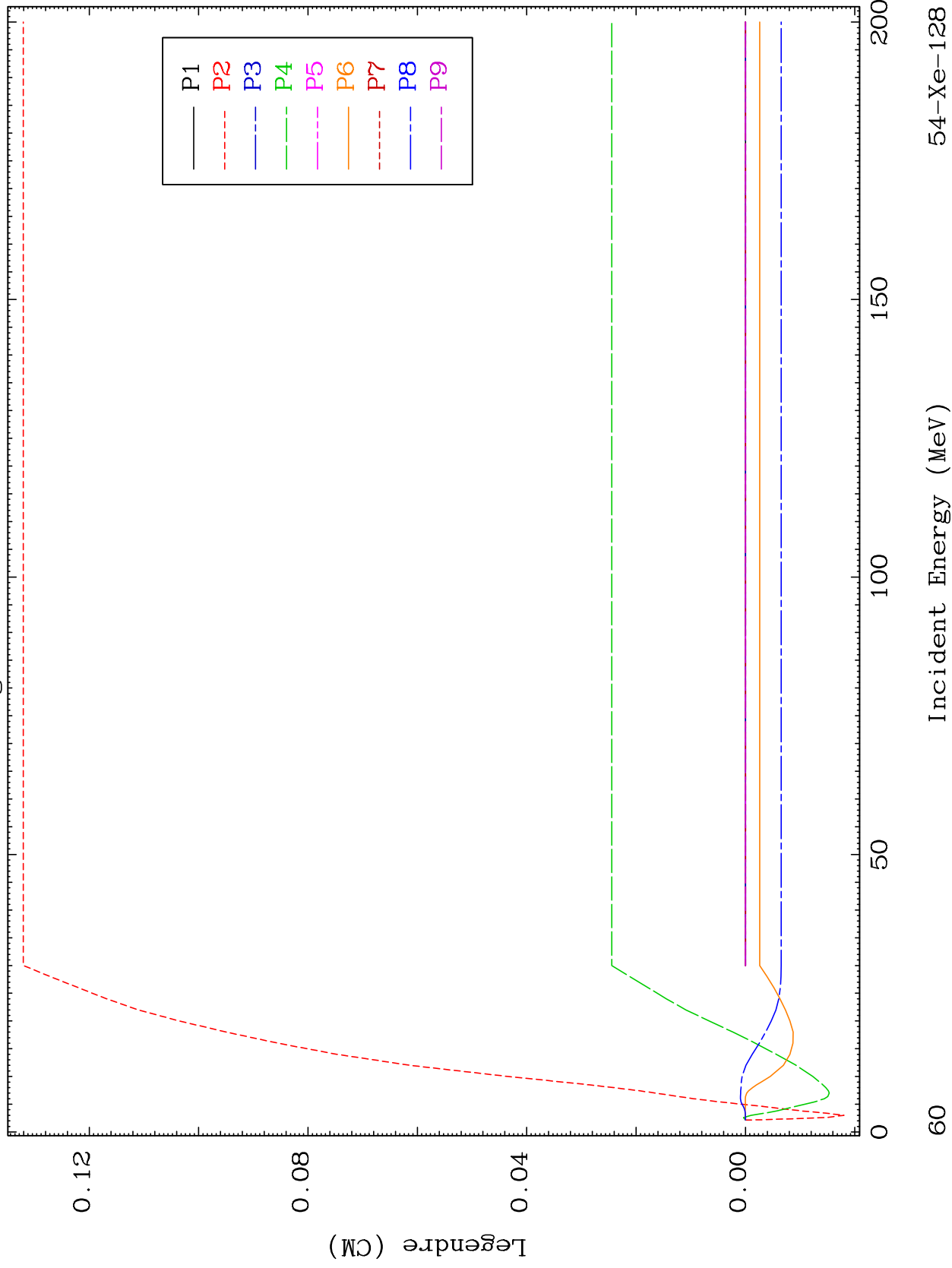
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128

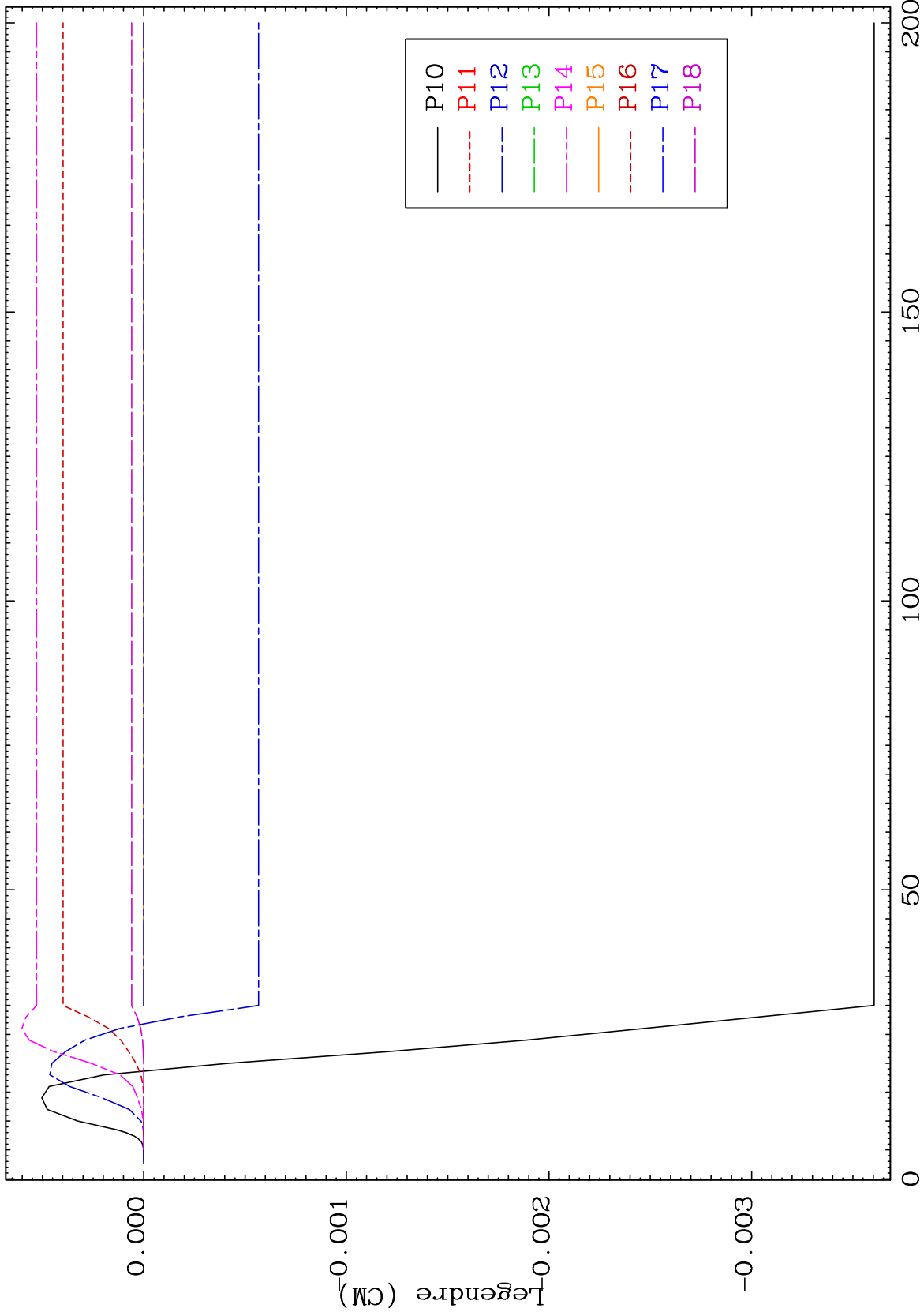


54-Xe-128

MAT 5437

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

54-Xe-128



61

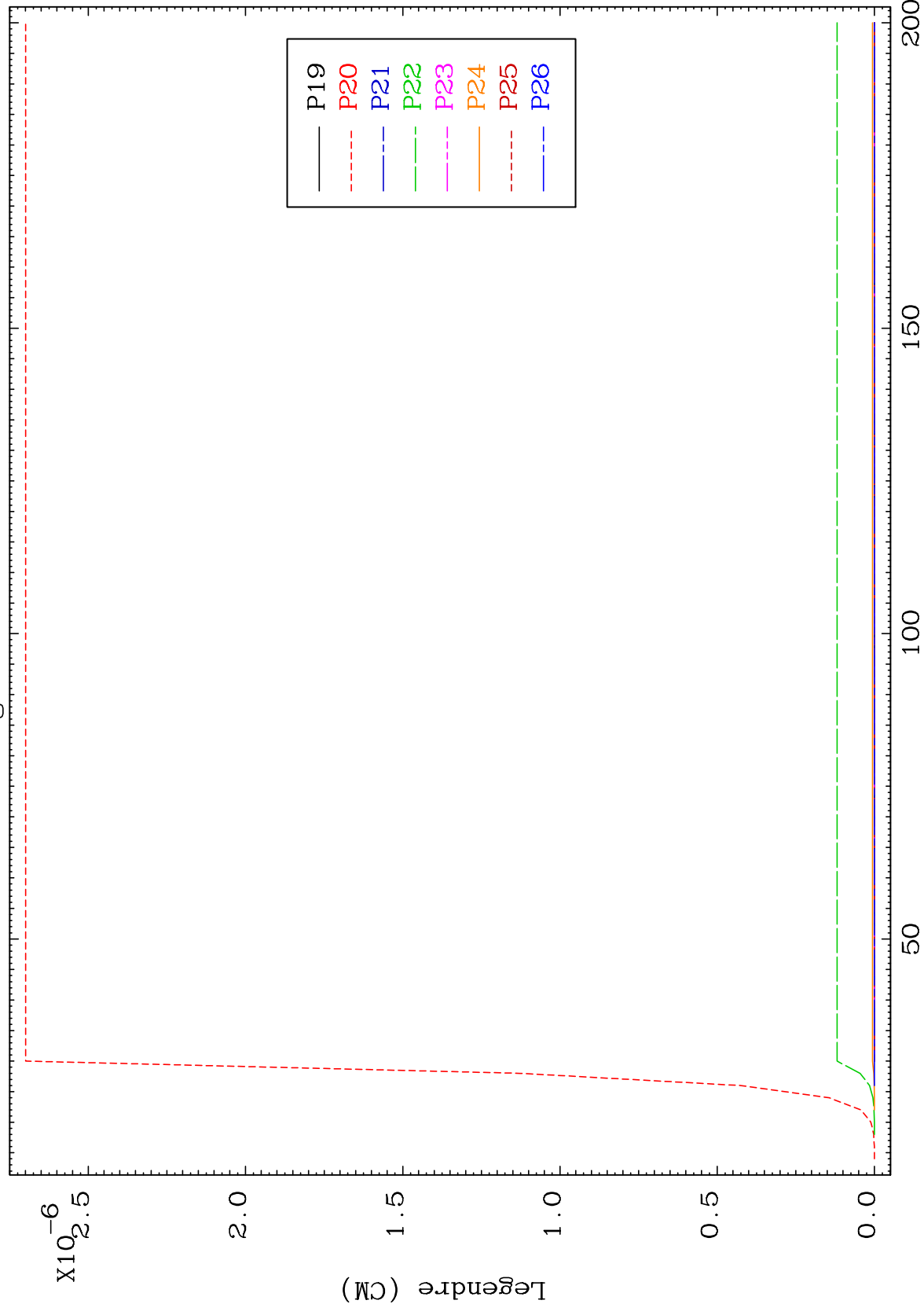
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



62

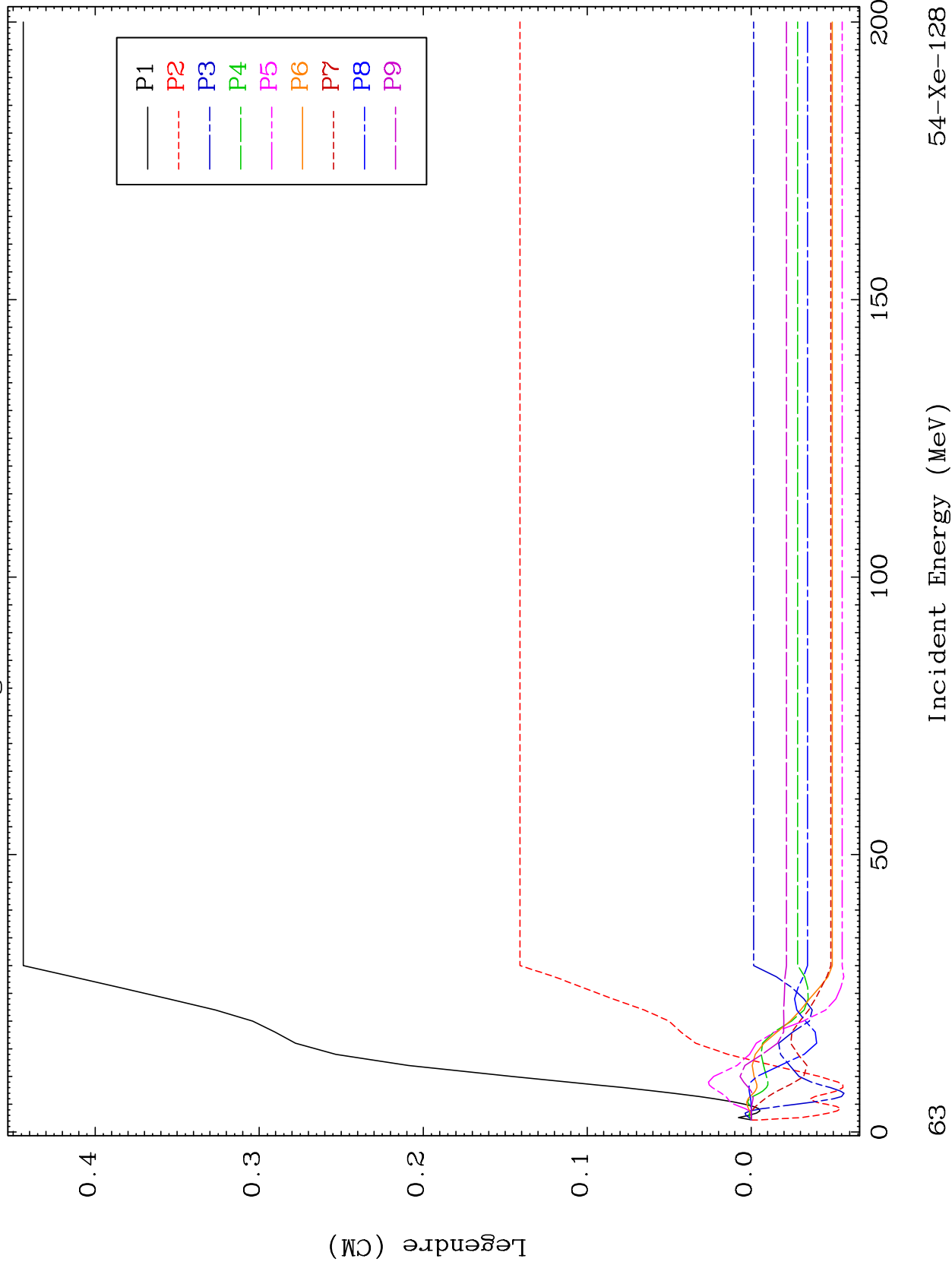
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

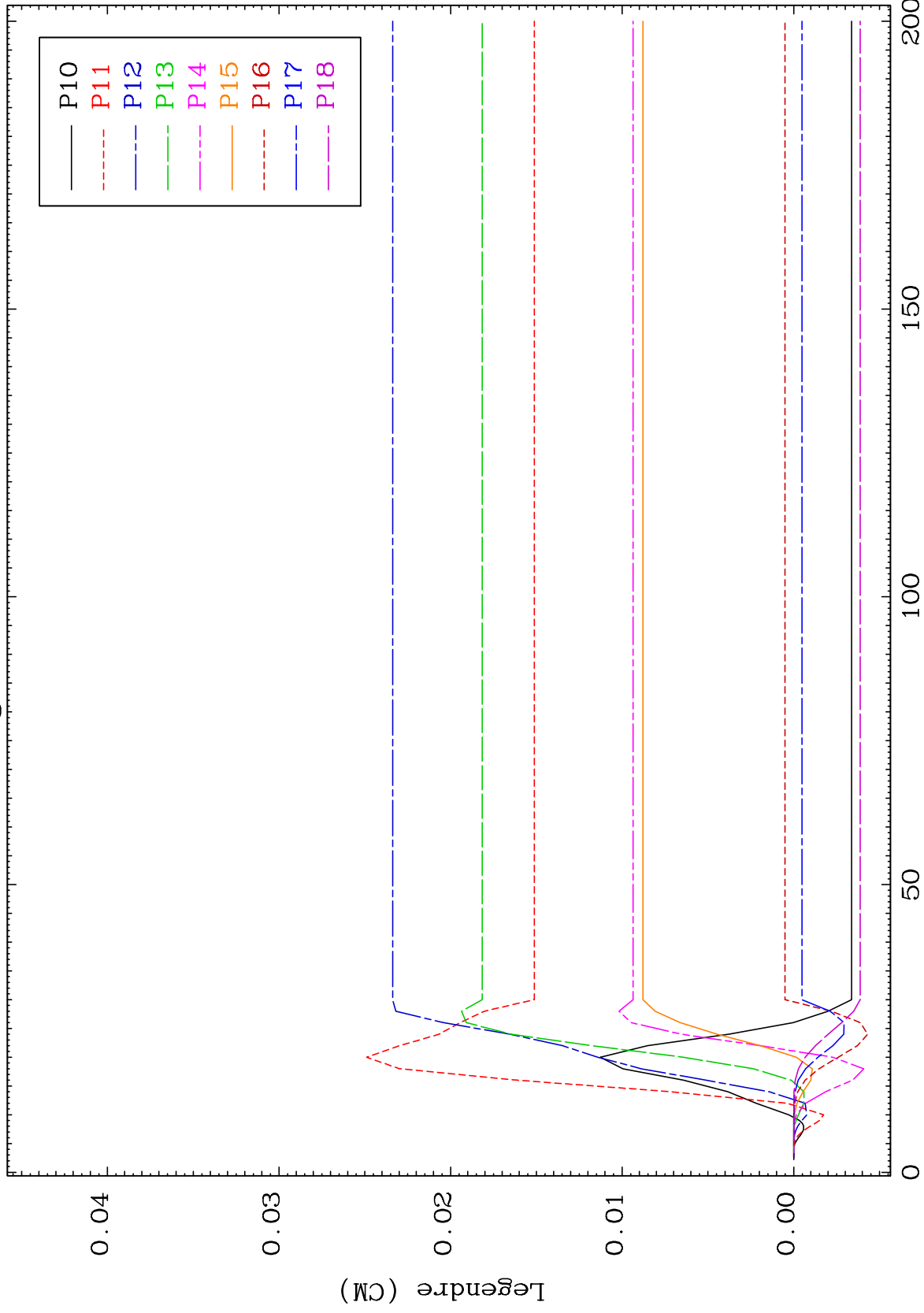
Incident Energy (MeV)

63

MAT 5437

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

54-Xe-128



64

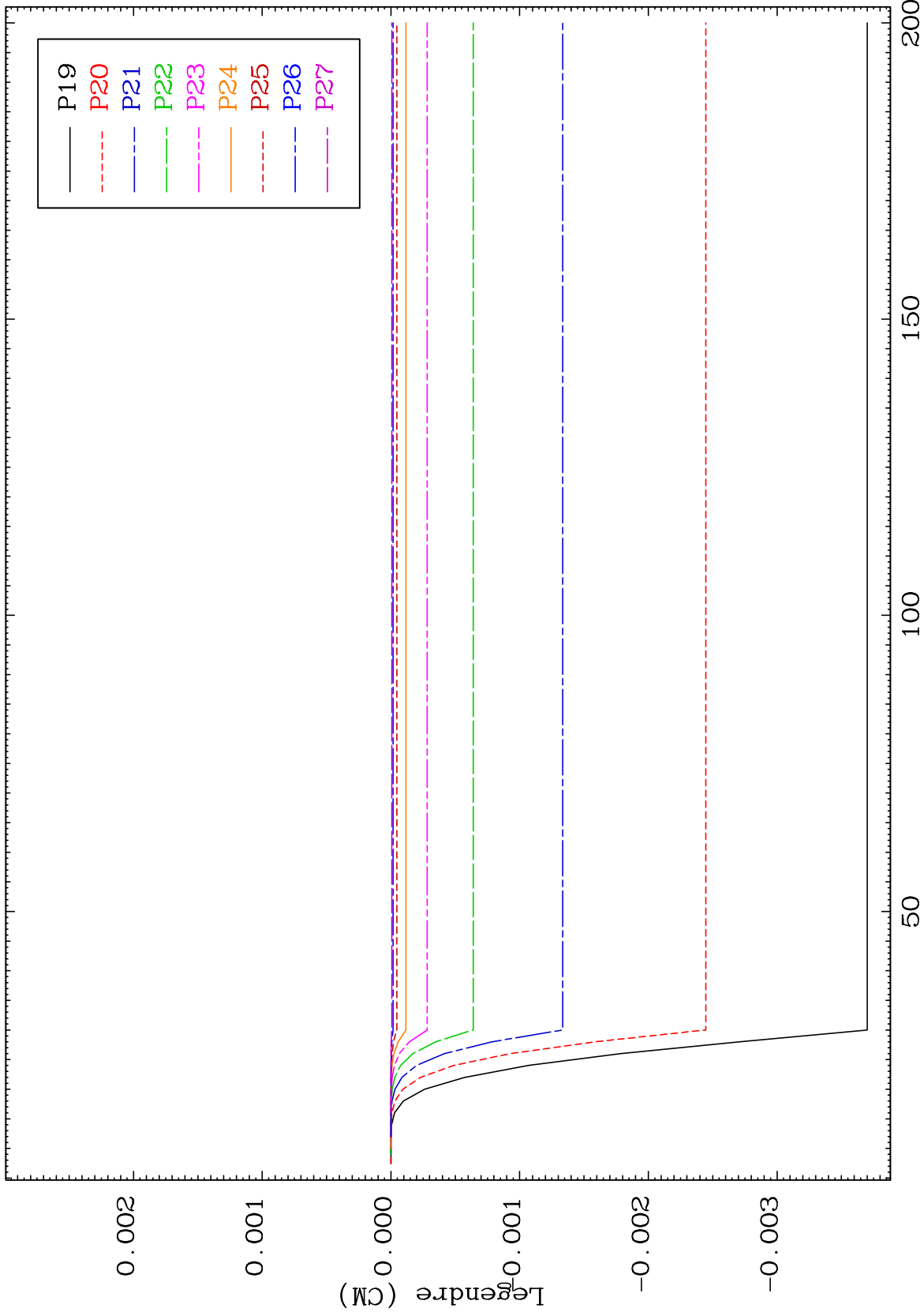
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



65

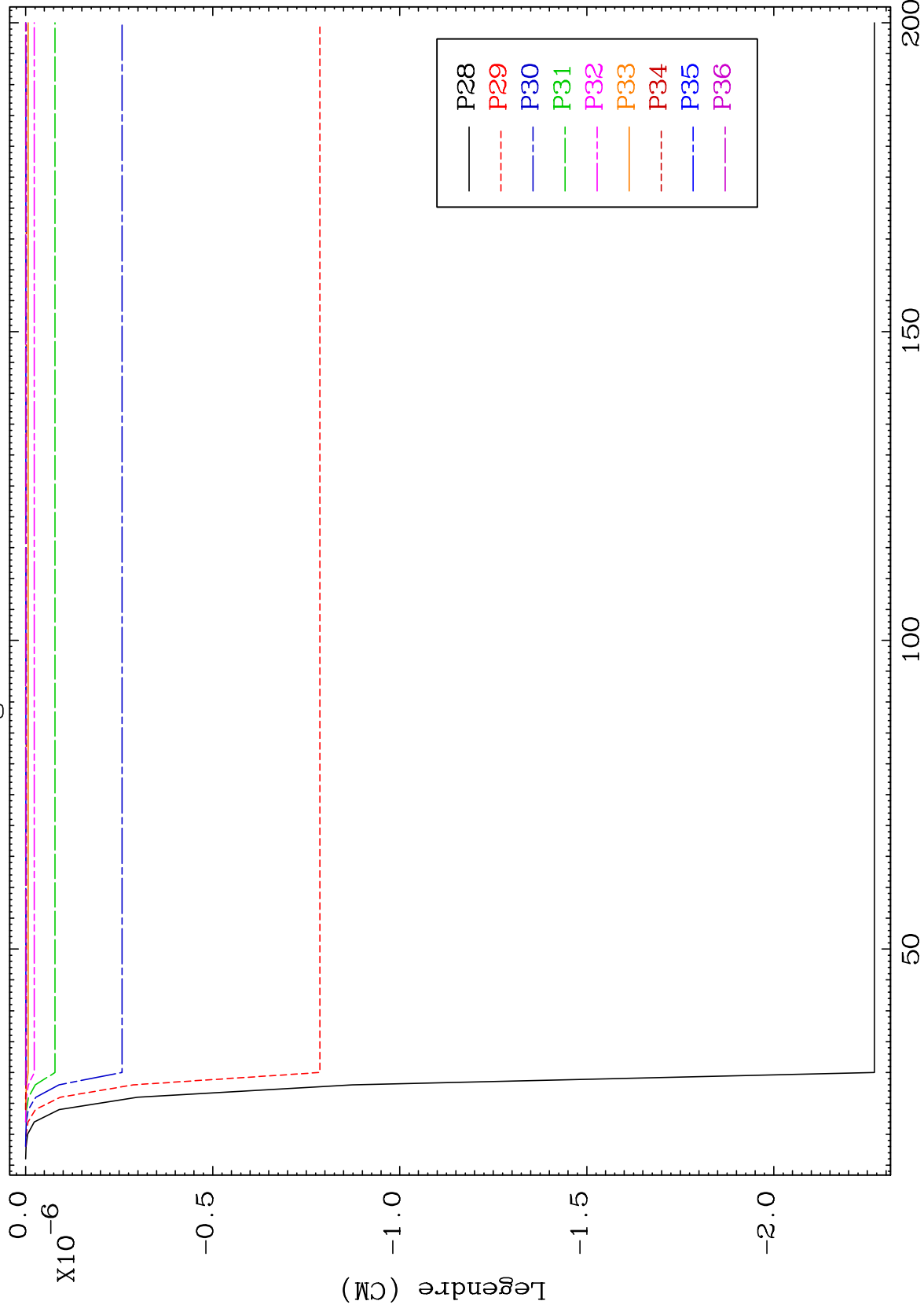
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

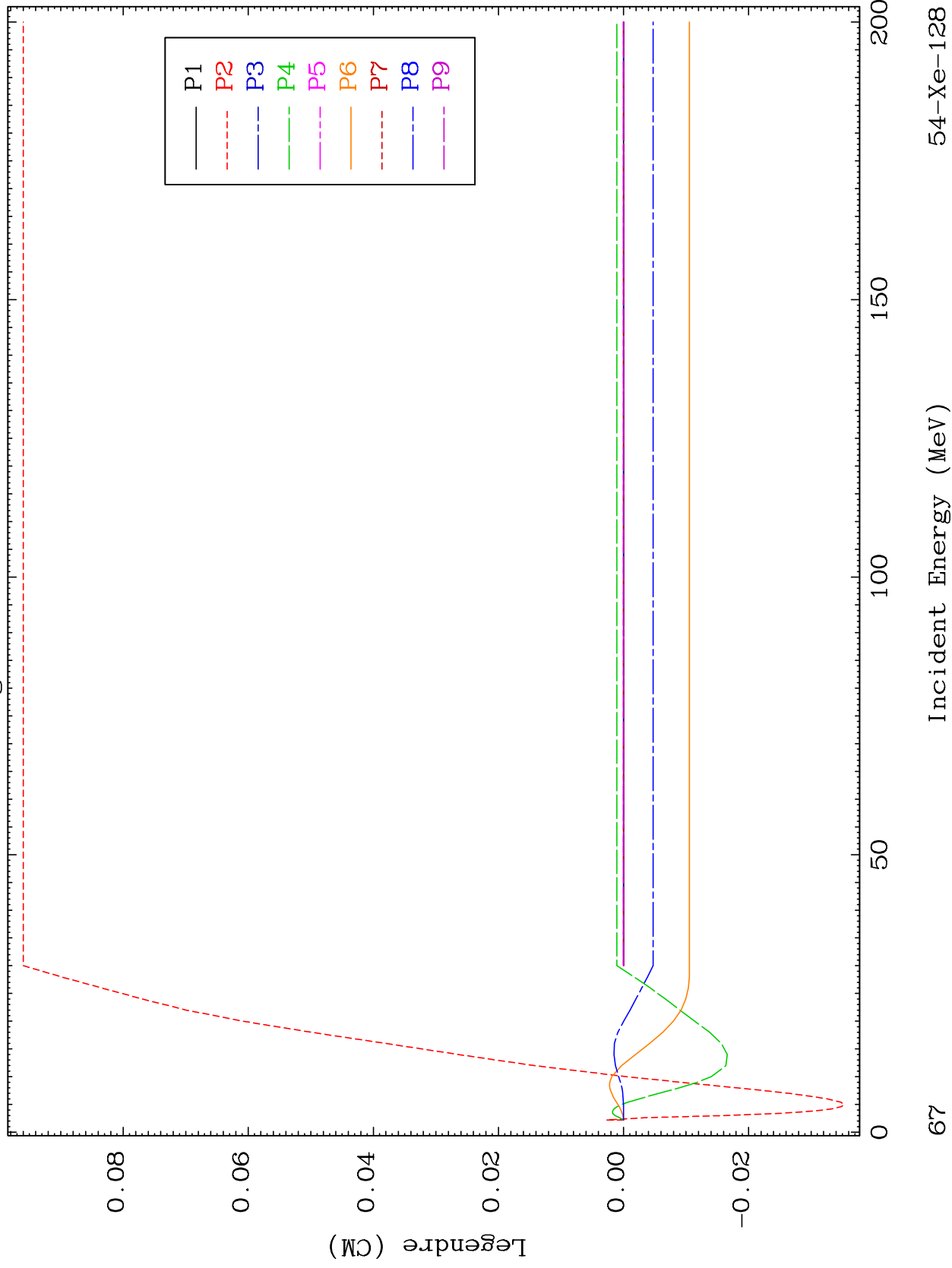
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

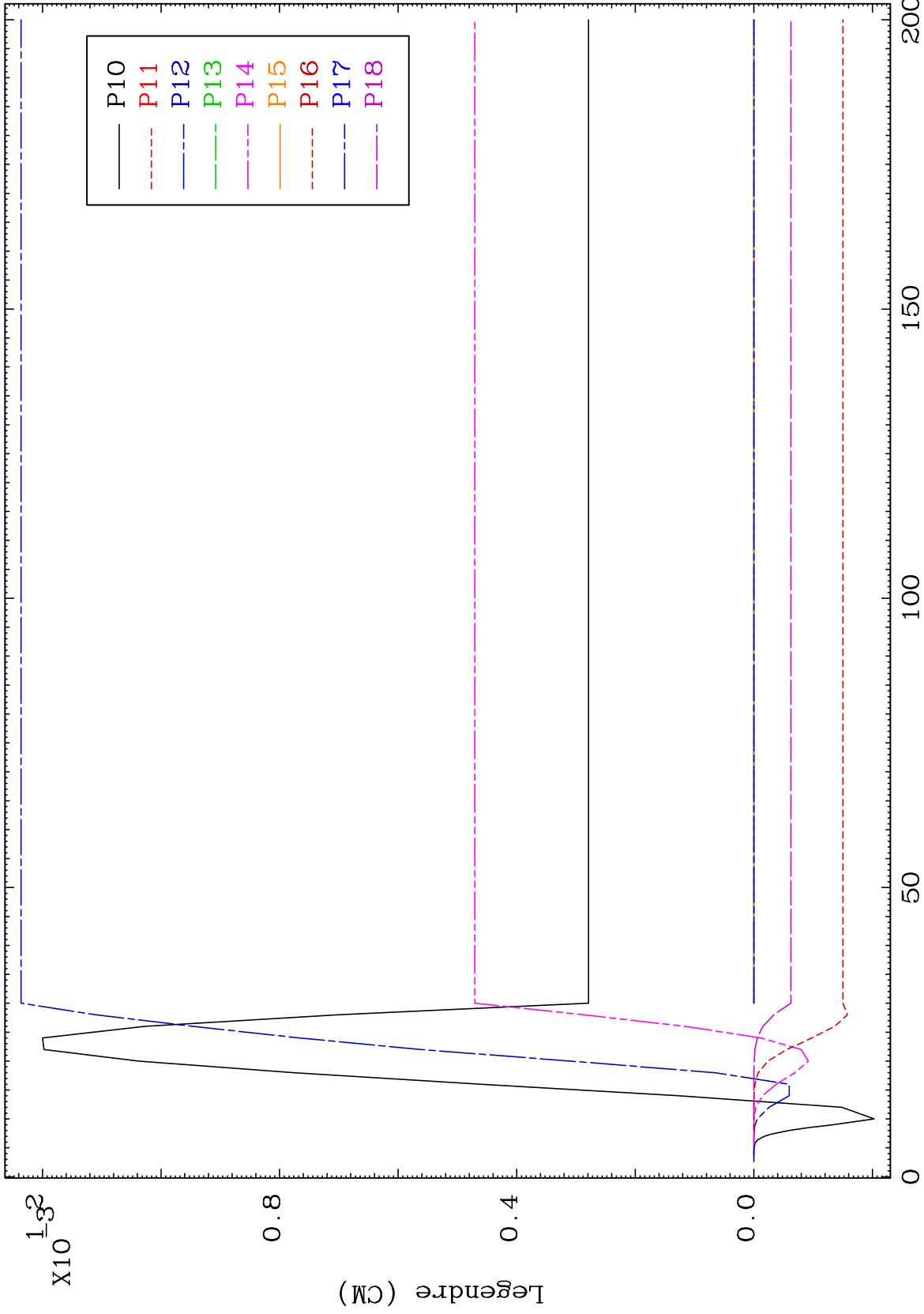
Incident Energy (MeV)

67

MAT 5437

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

54-Xe-128



68

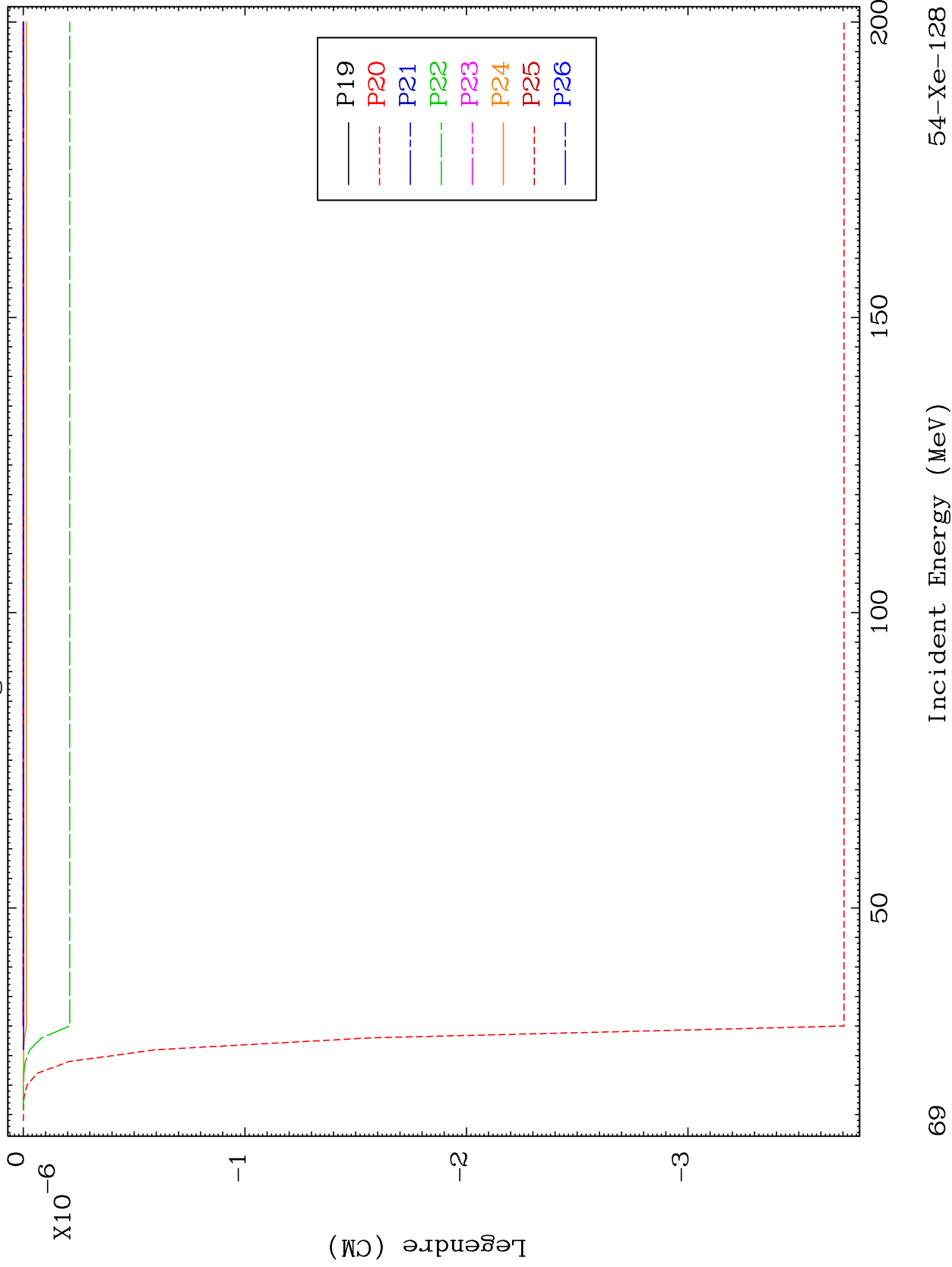
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



69

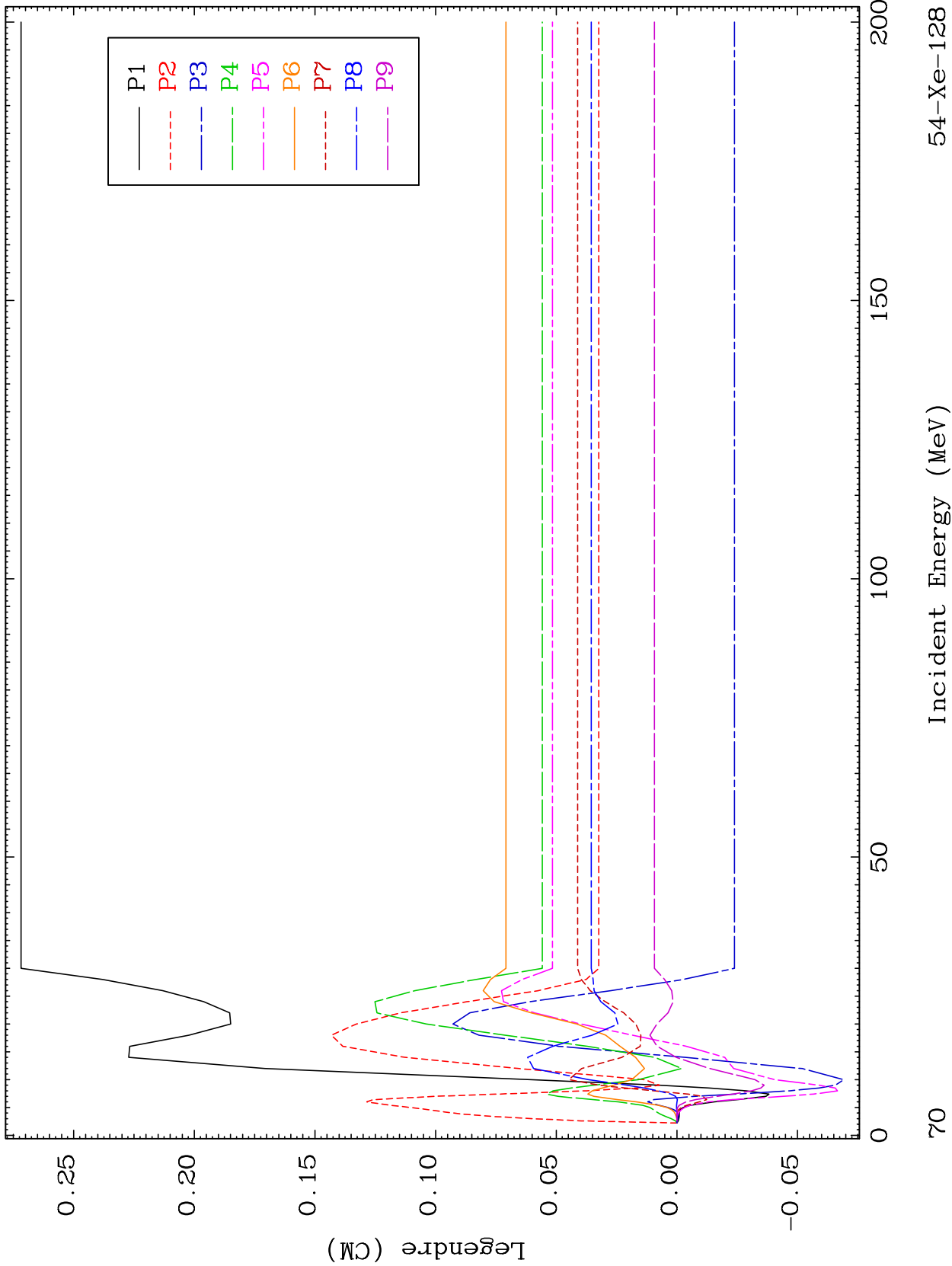
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

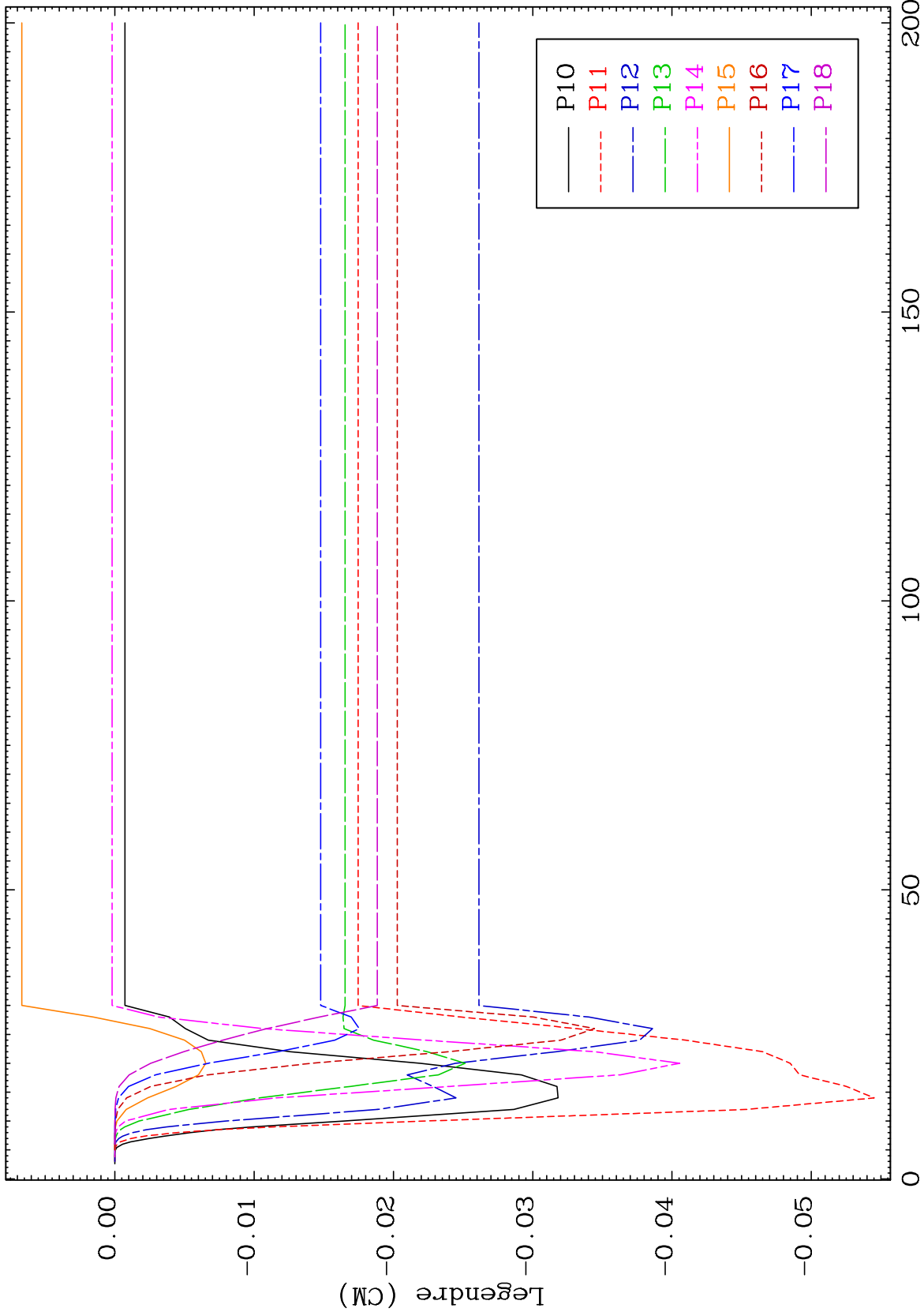
Incident Energy (MeV)

70

MAT 5437

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

54-Xe-128



71

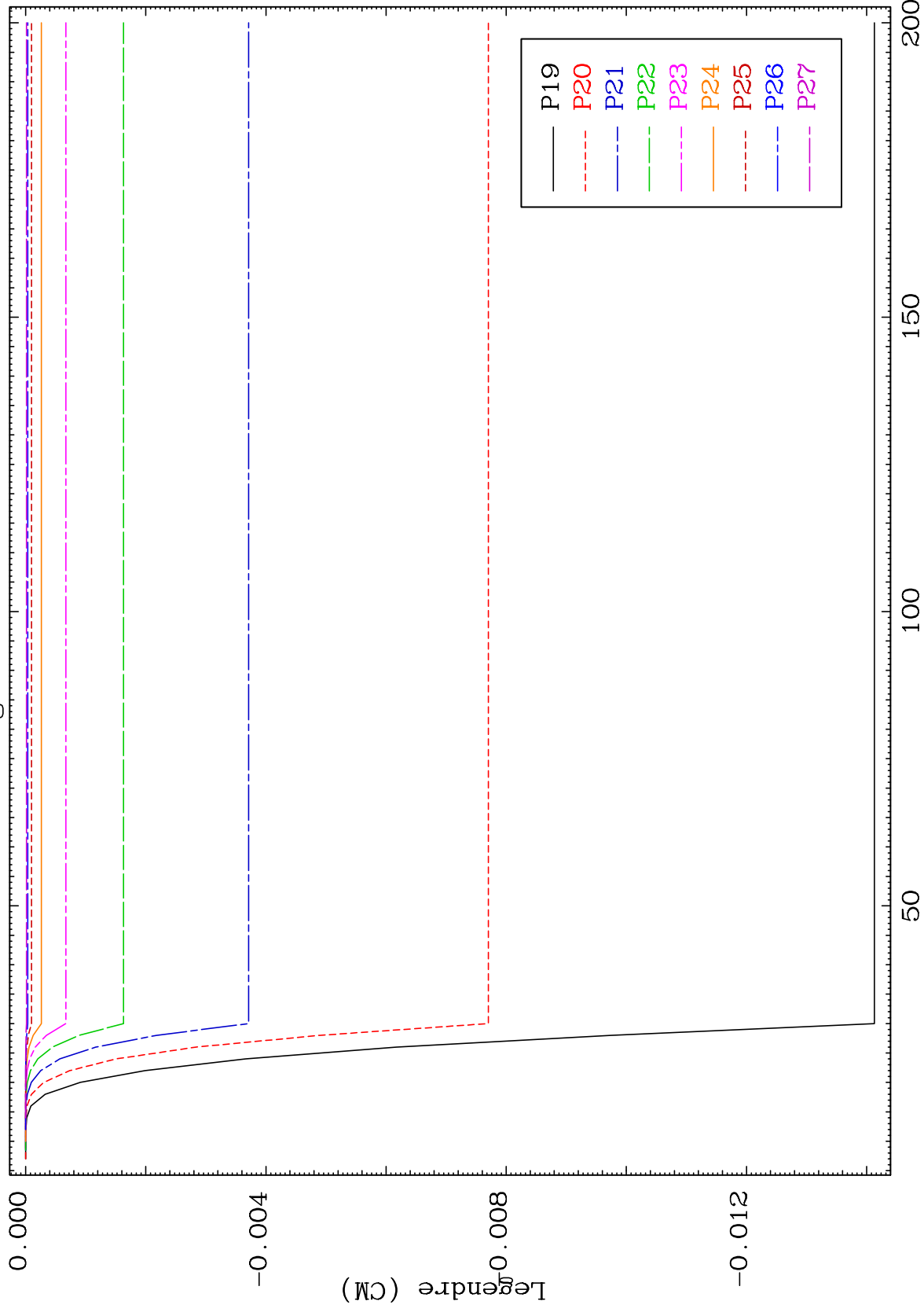
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



72

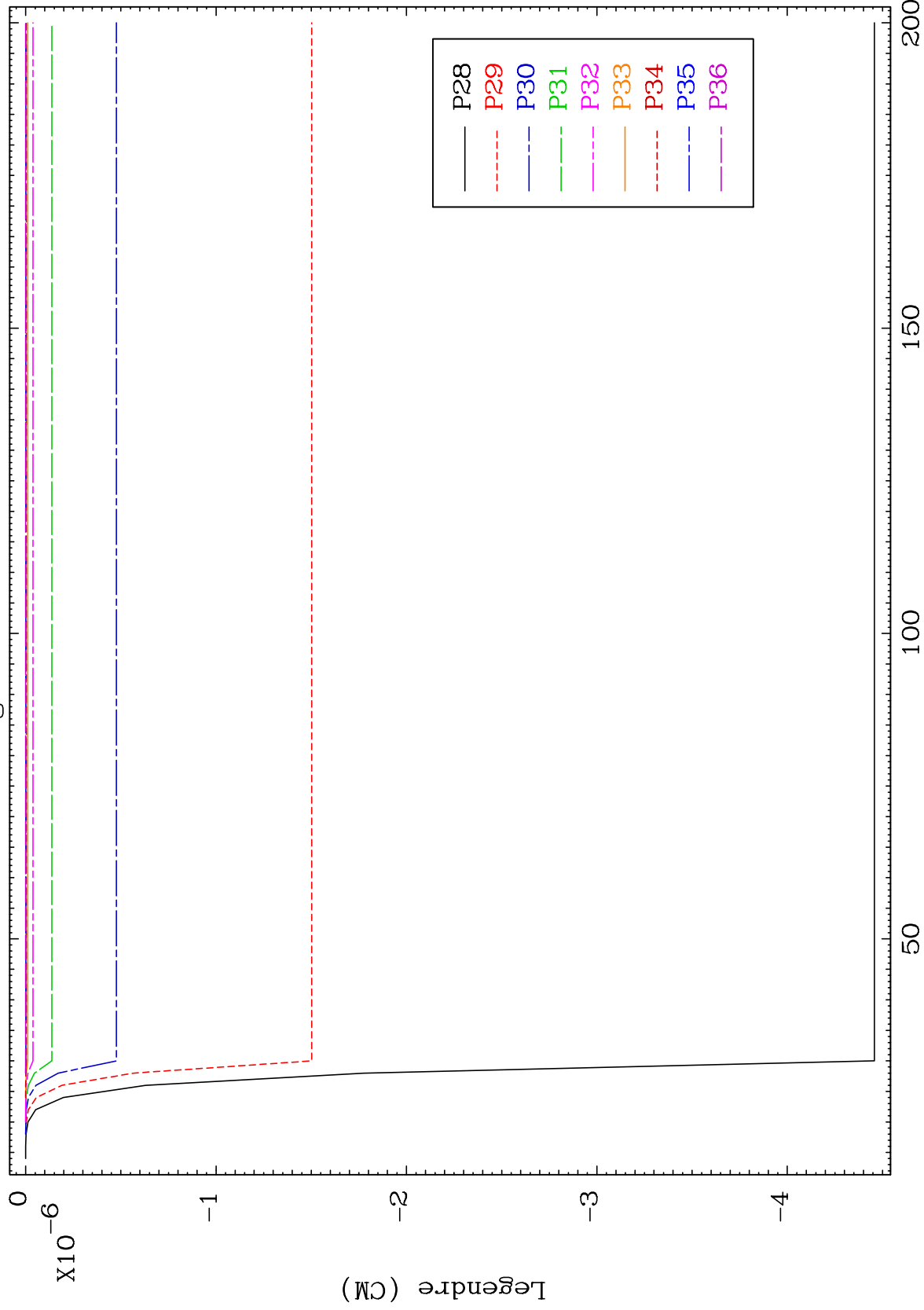
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



73

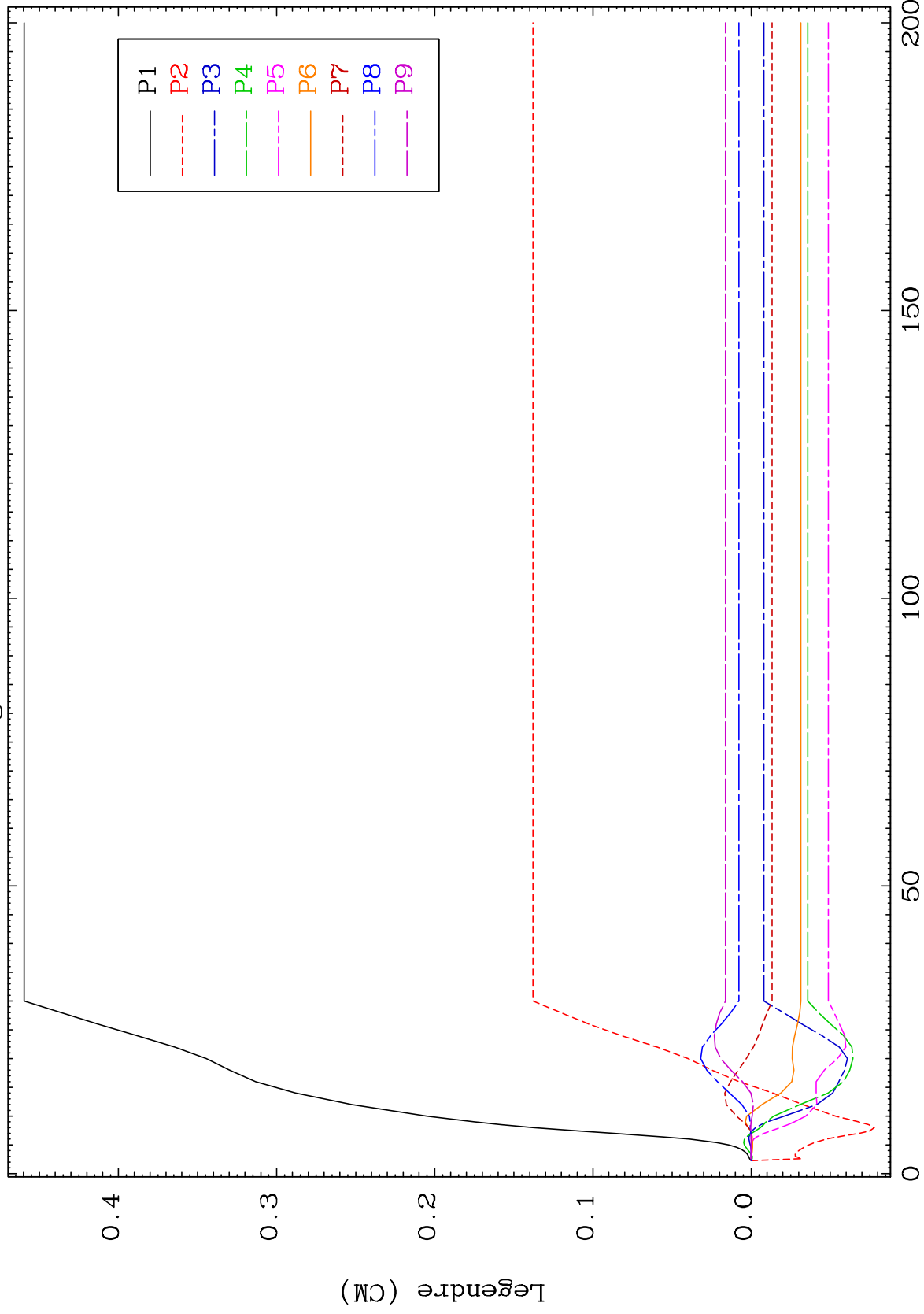
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



74

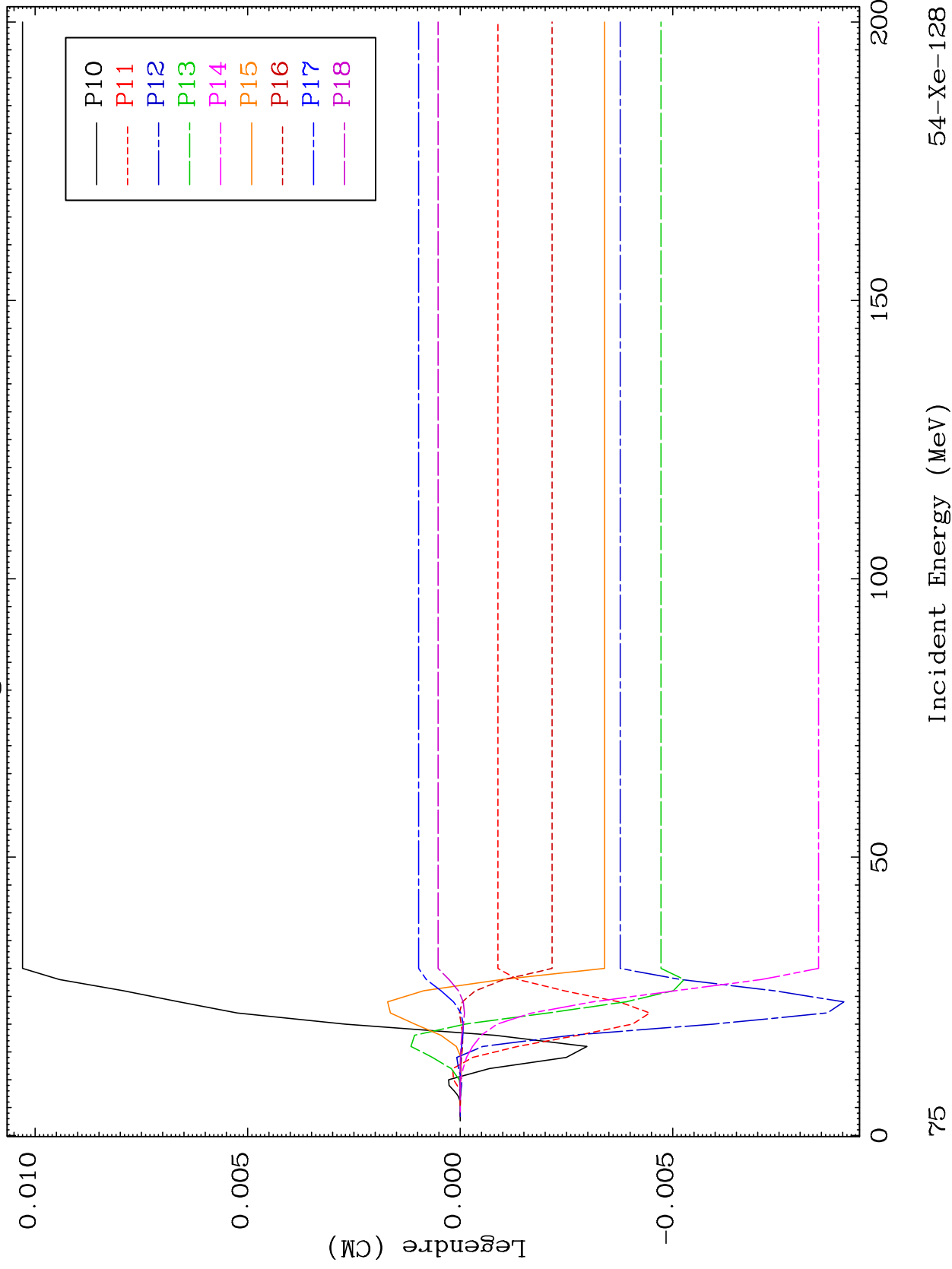
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

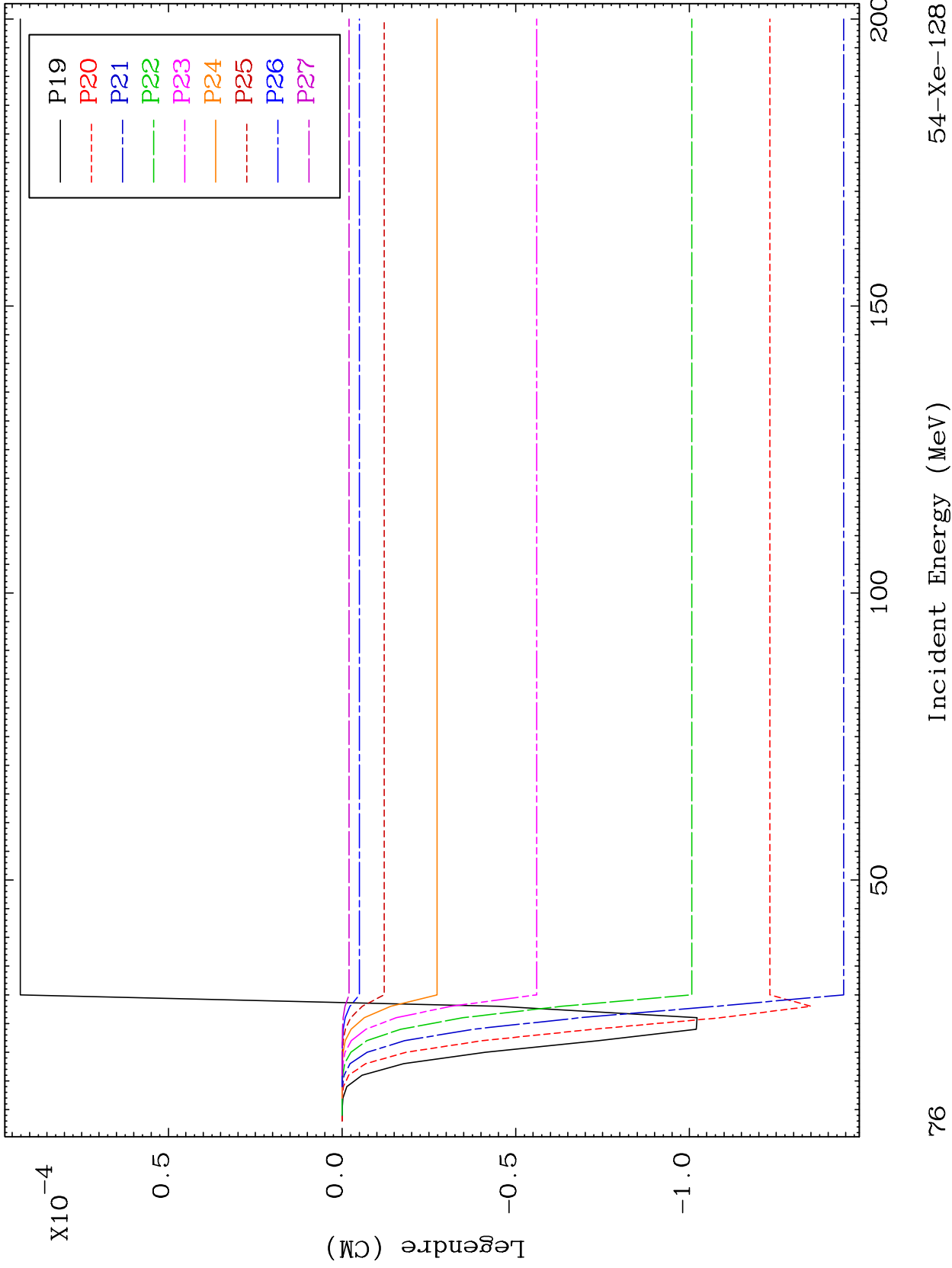
Incident Energy (MeV)

75

MAT 5437

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

54-Xe-128



76

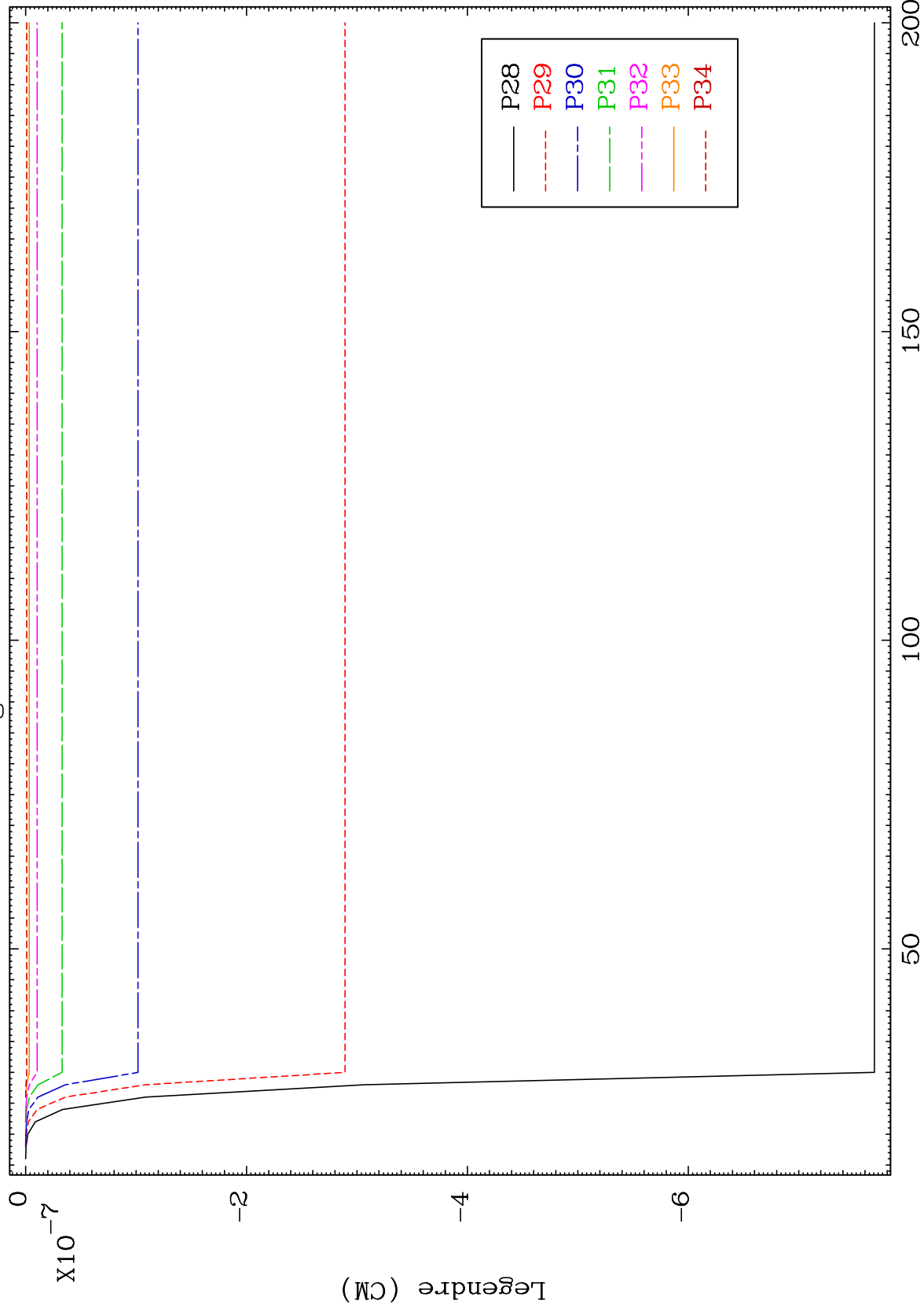
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



77

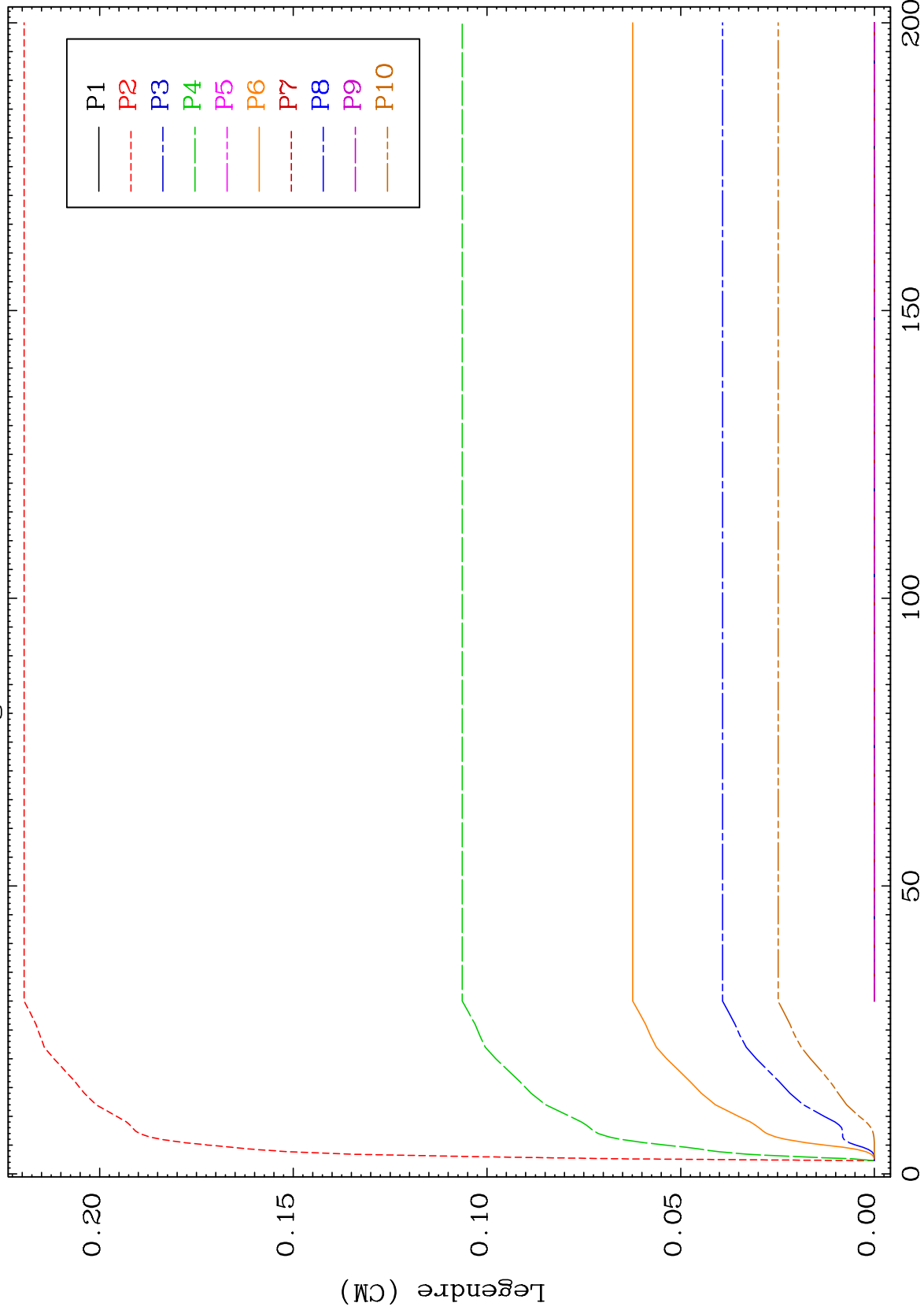
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



78

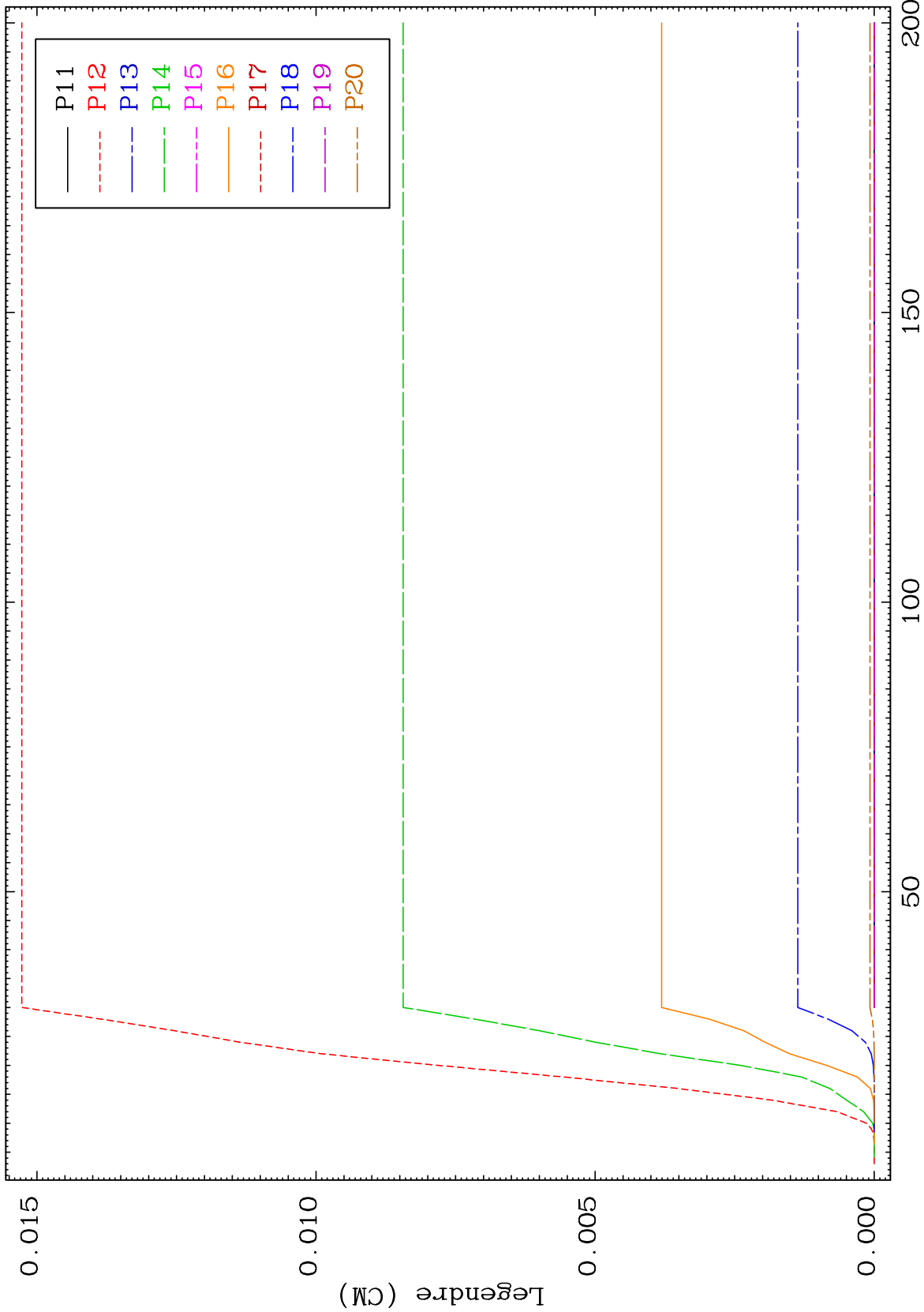
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



79

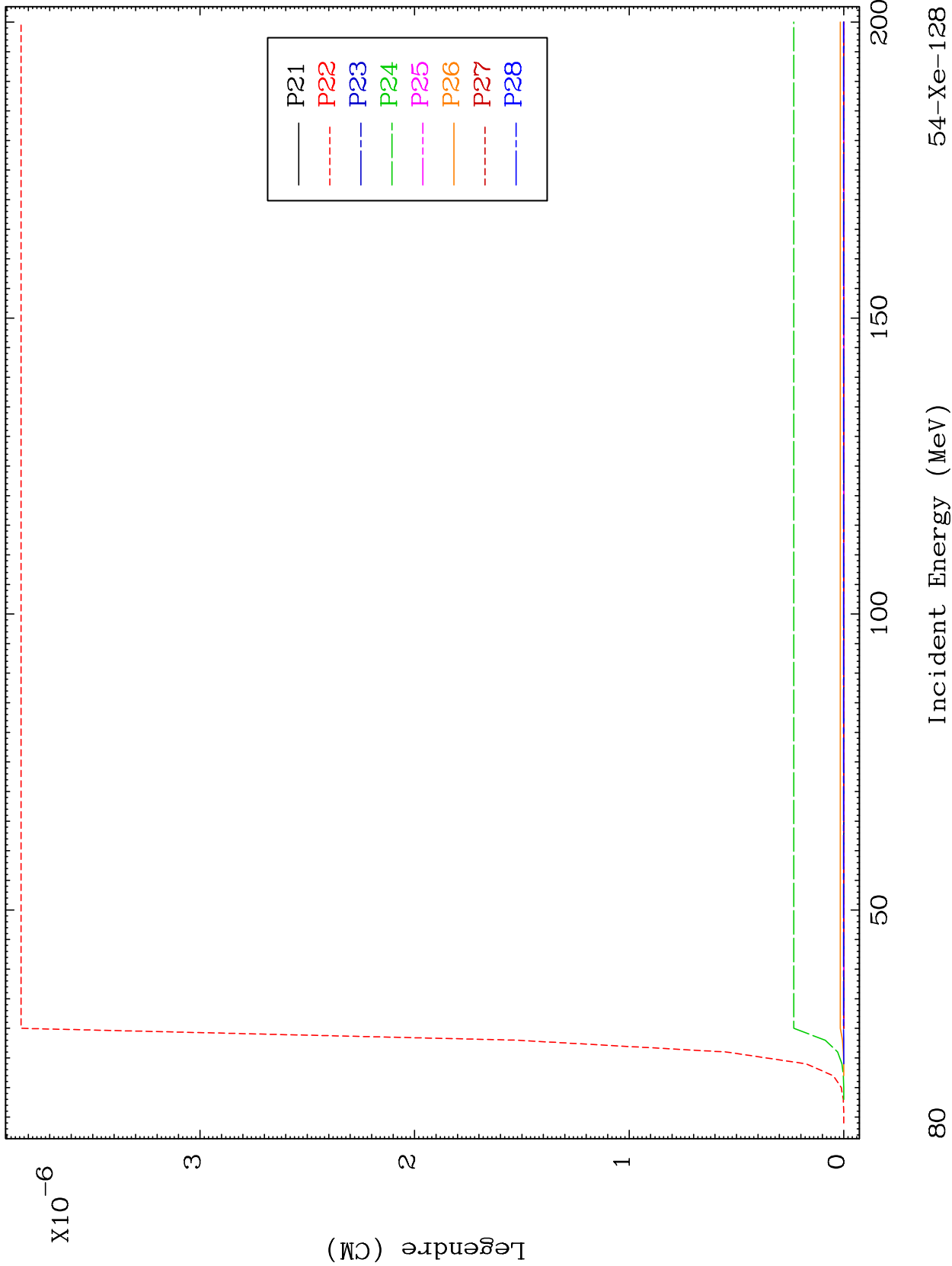
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

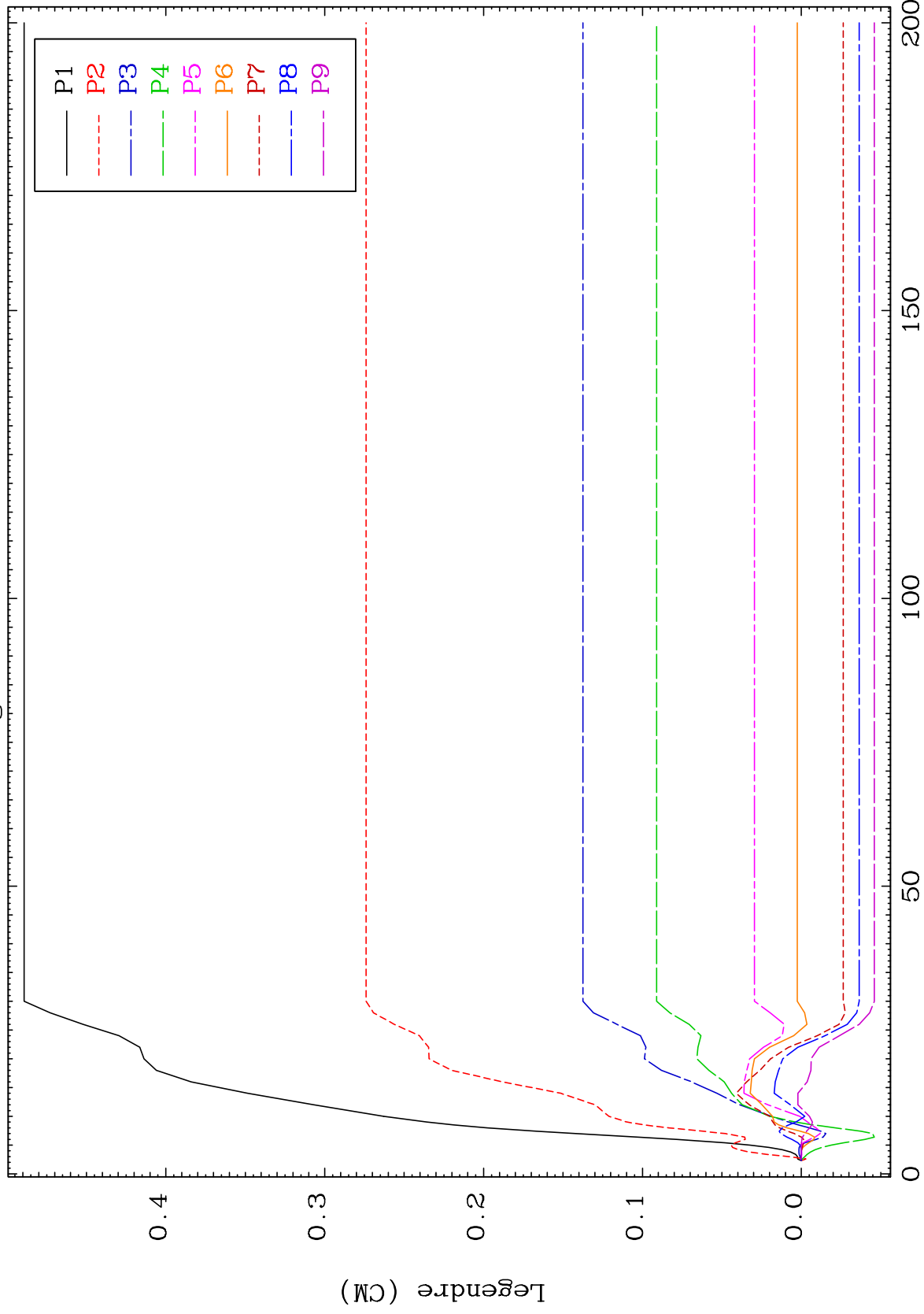
54-Xe-128



MAT 5437

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

54-Xe-128



81

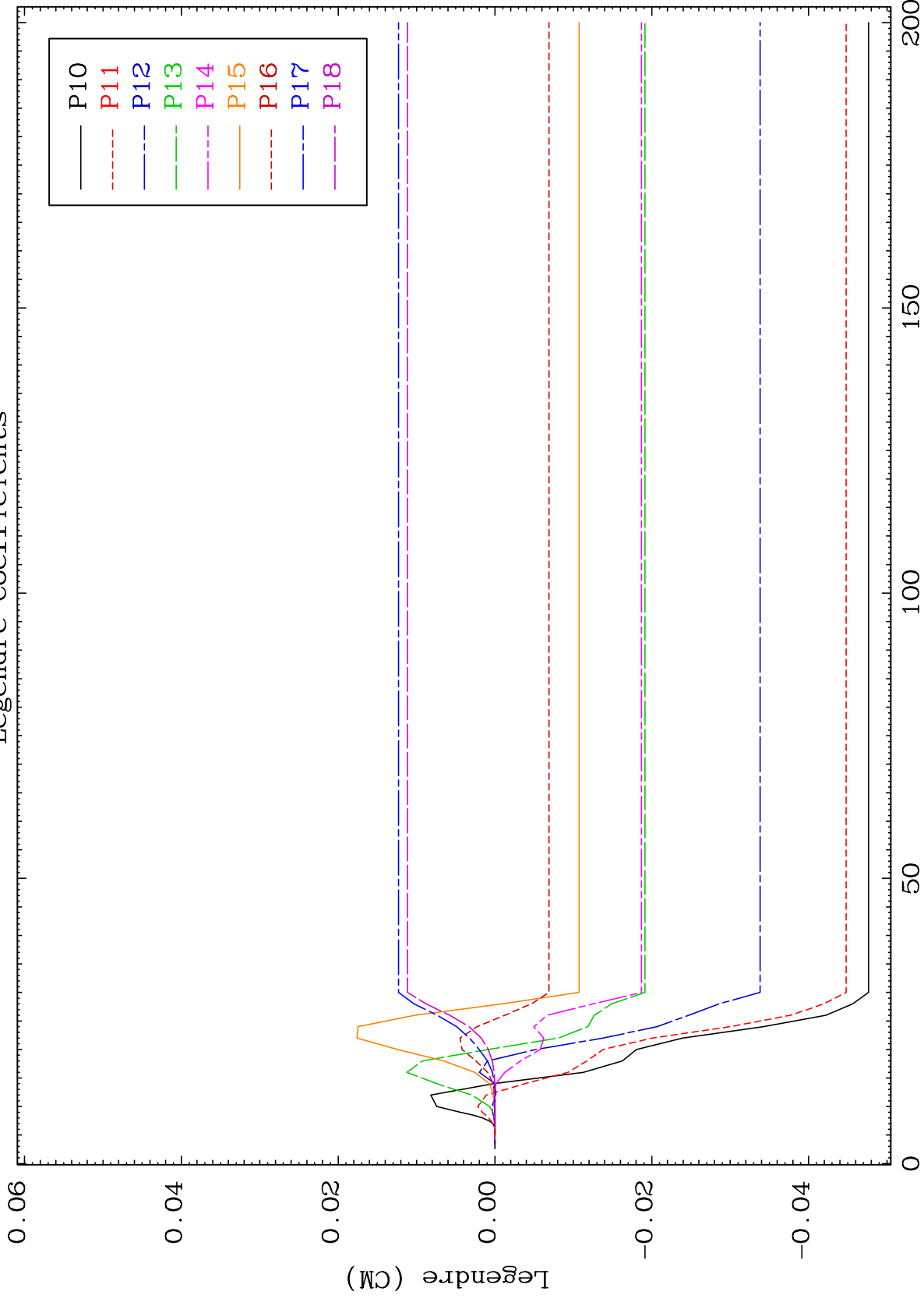
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



82

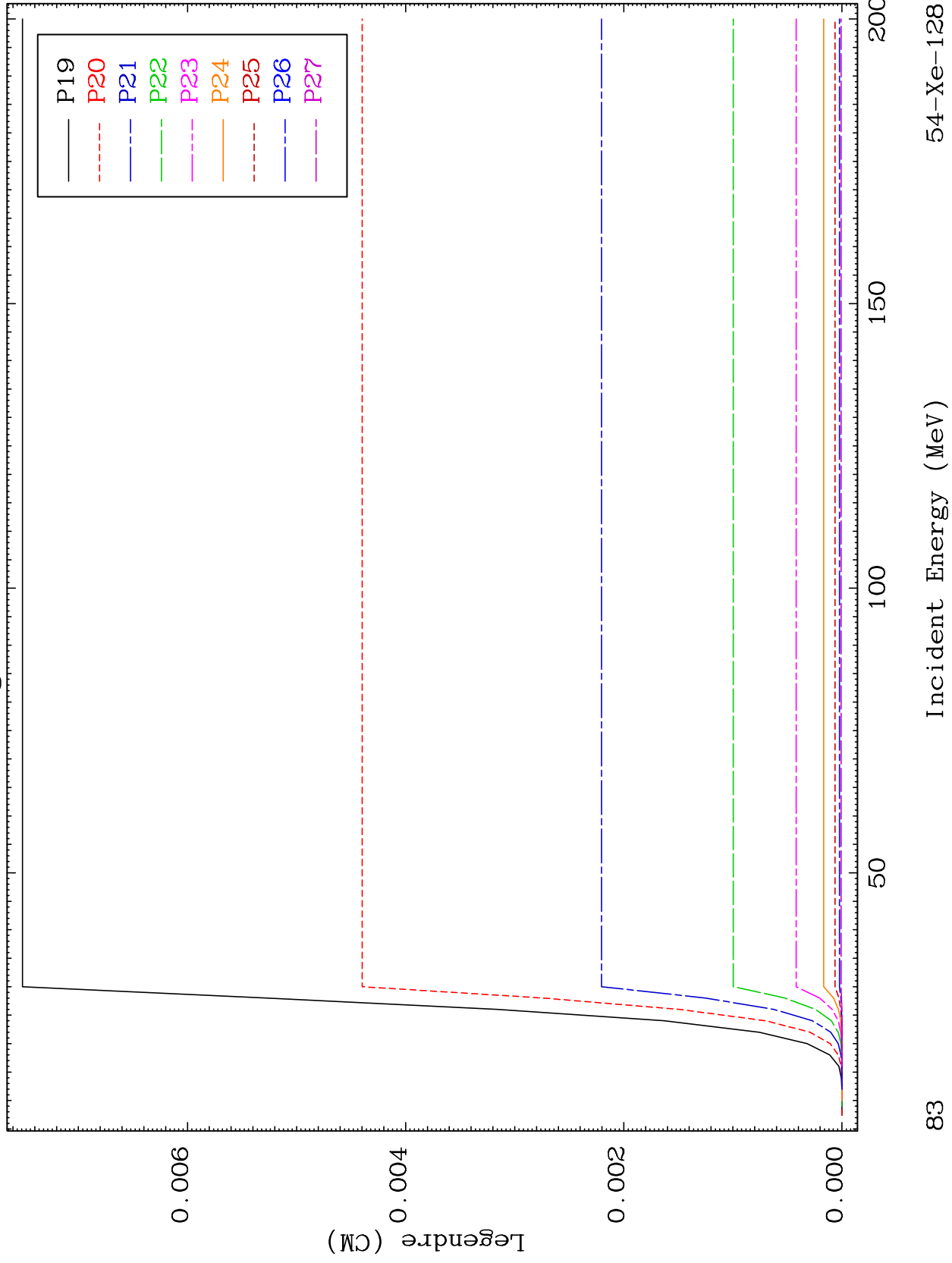
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



83

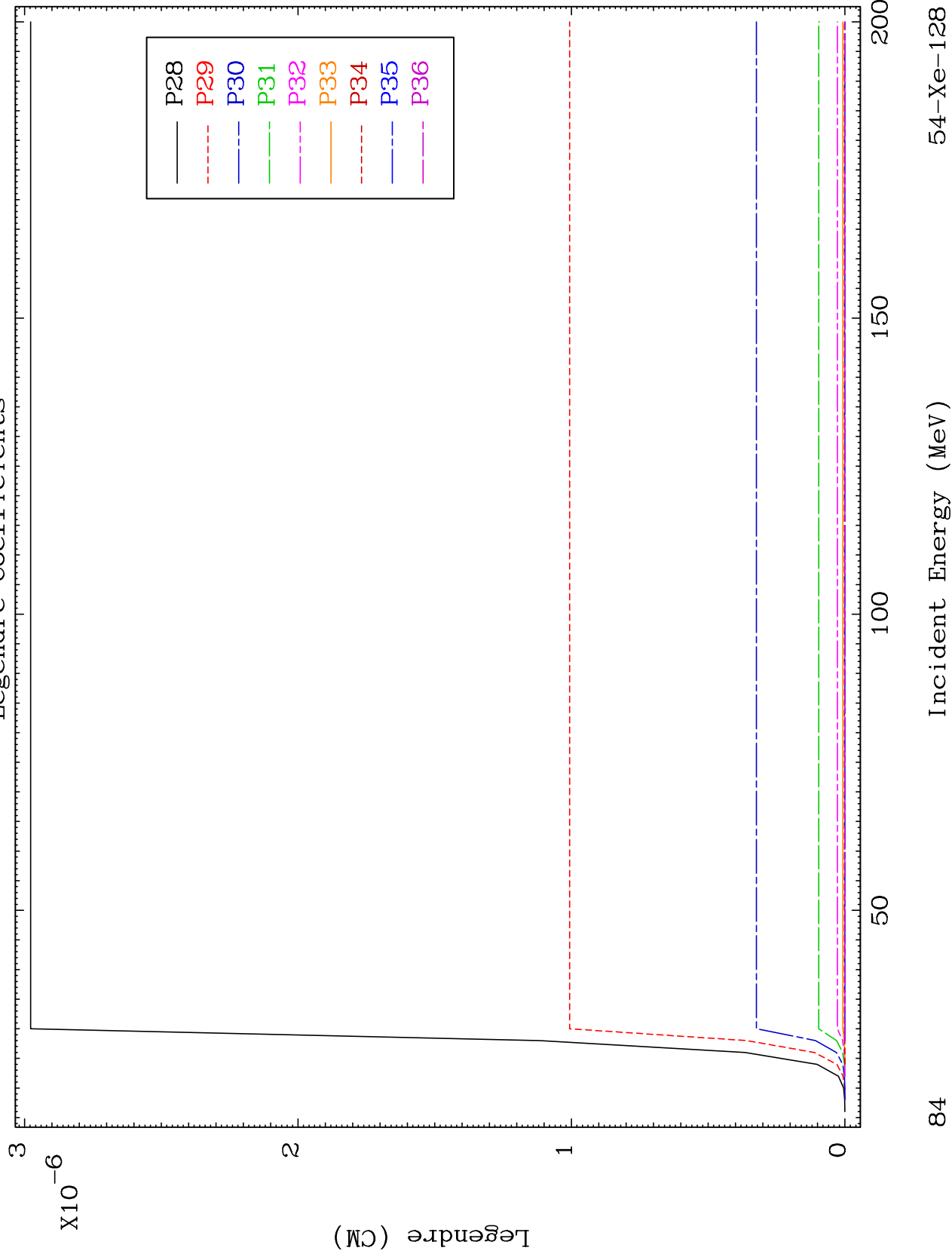
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

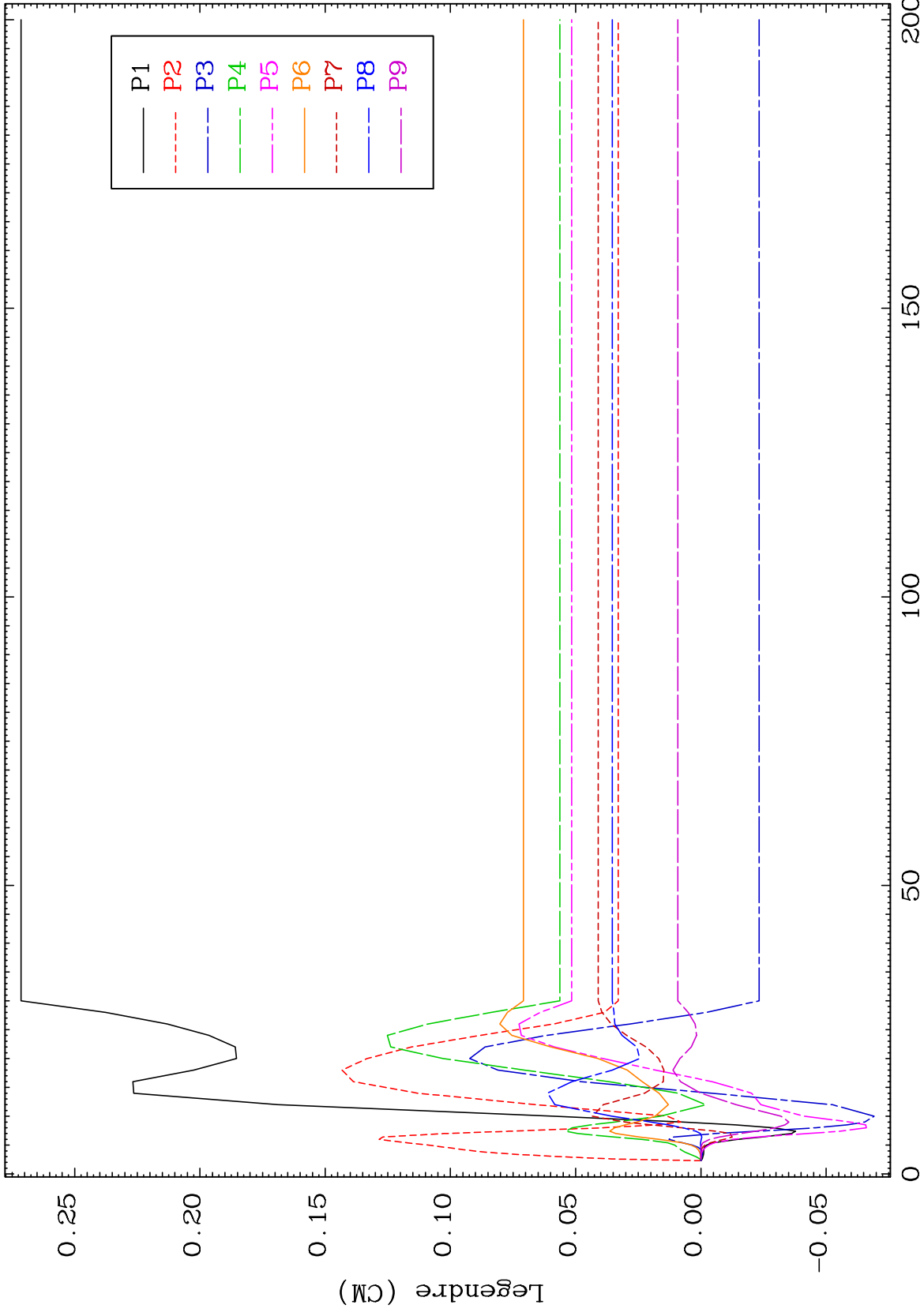
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

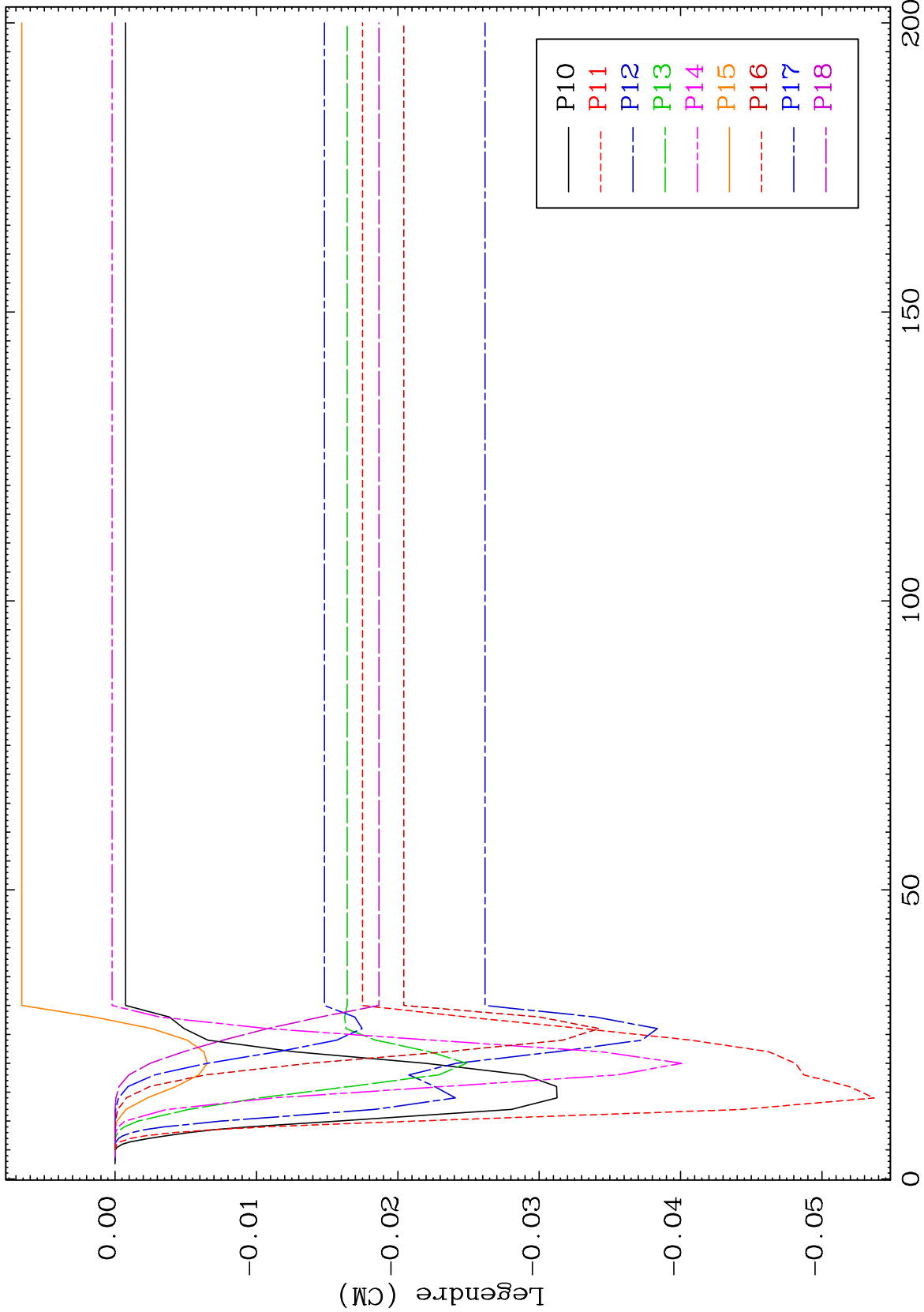
Incident Energy (MeV)

85

MAT 5437

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

54-Xe-128



86

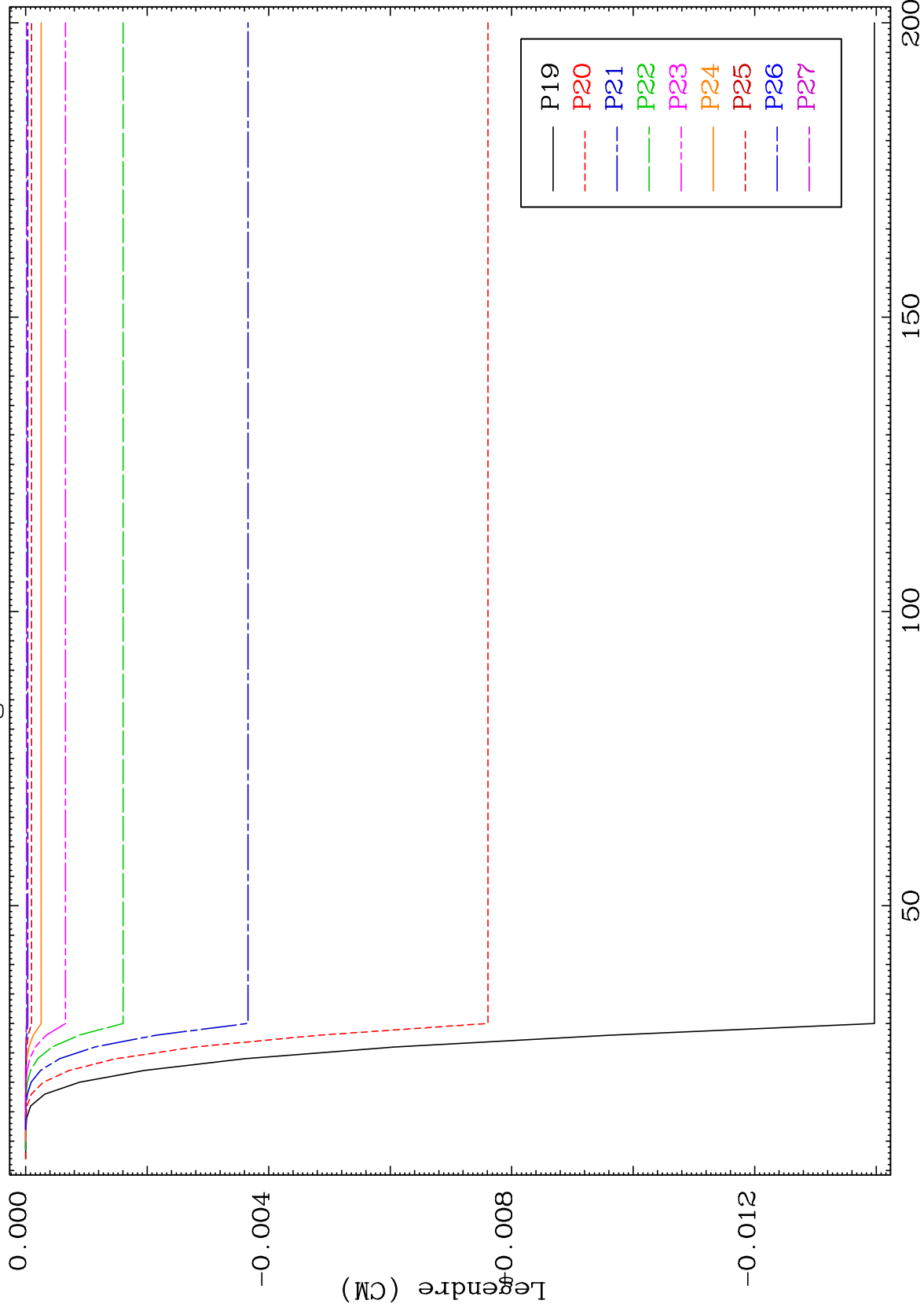
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



87

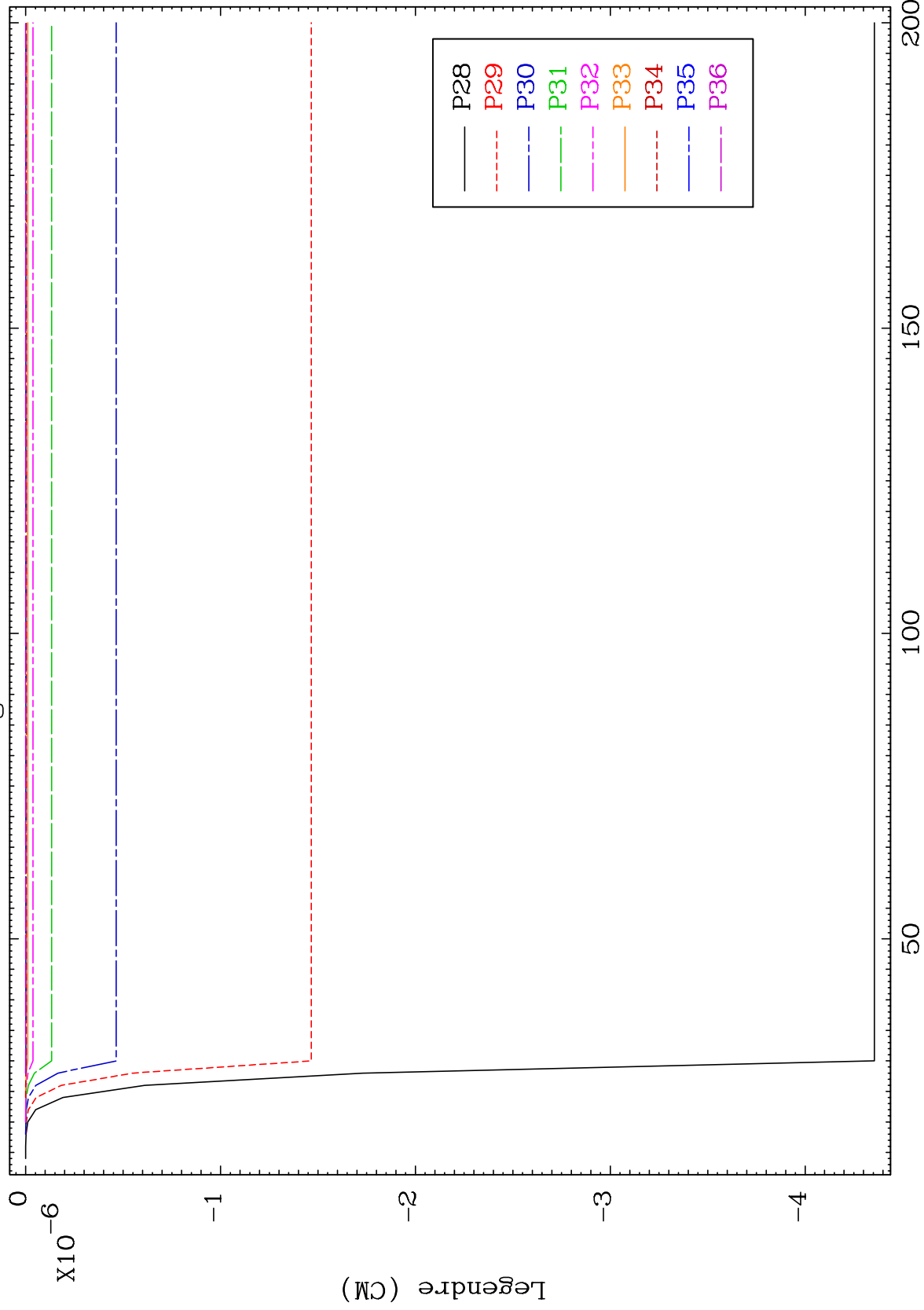
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



88

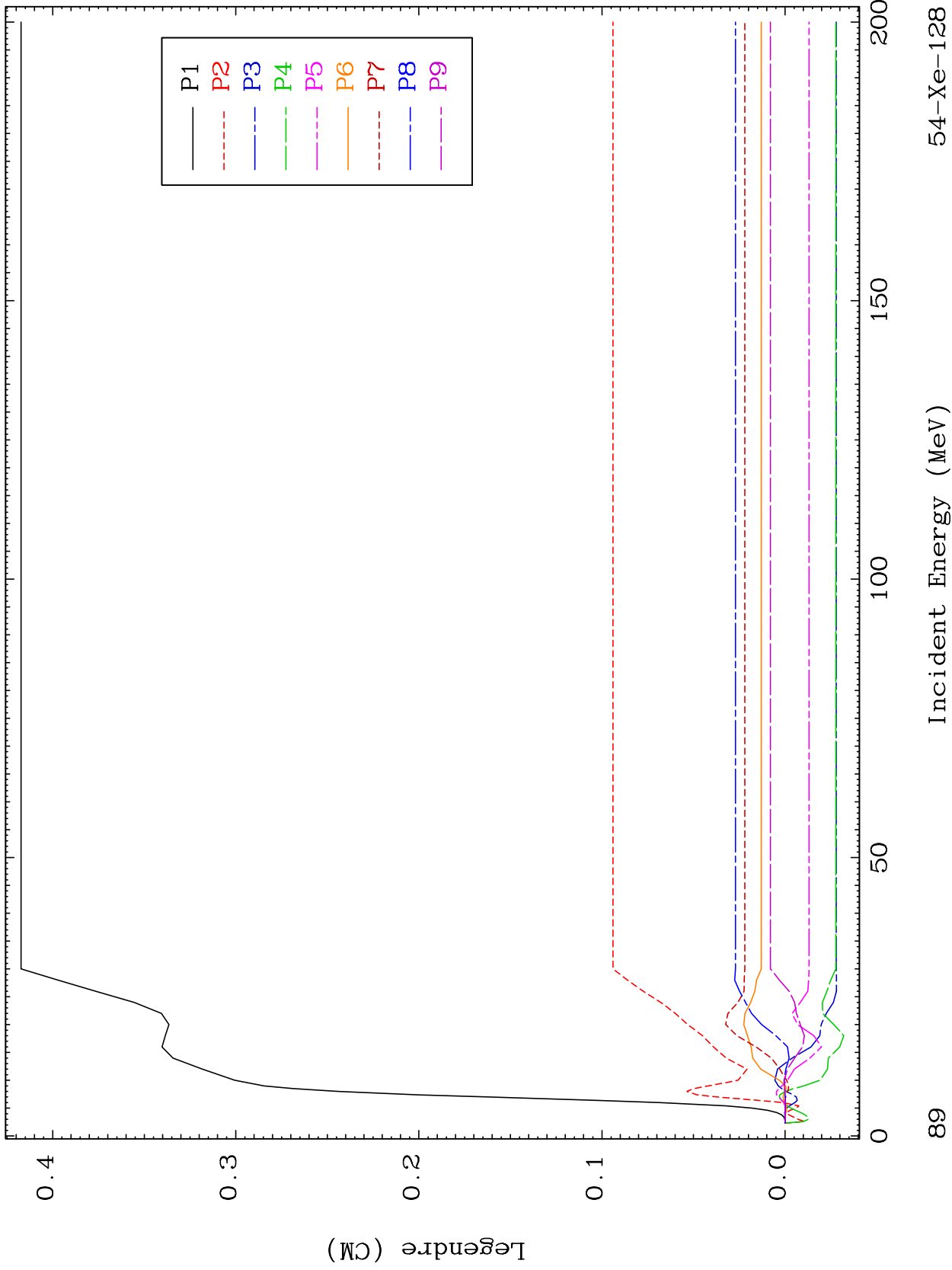
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



89

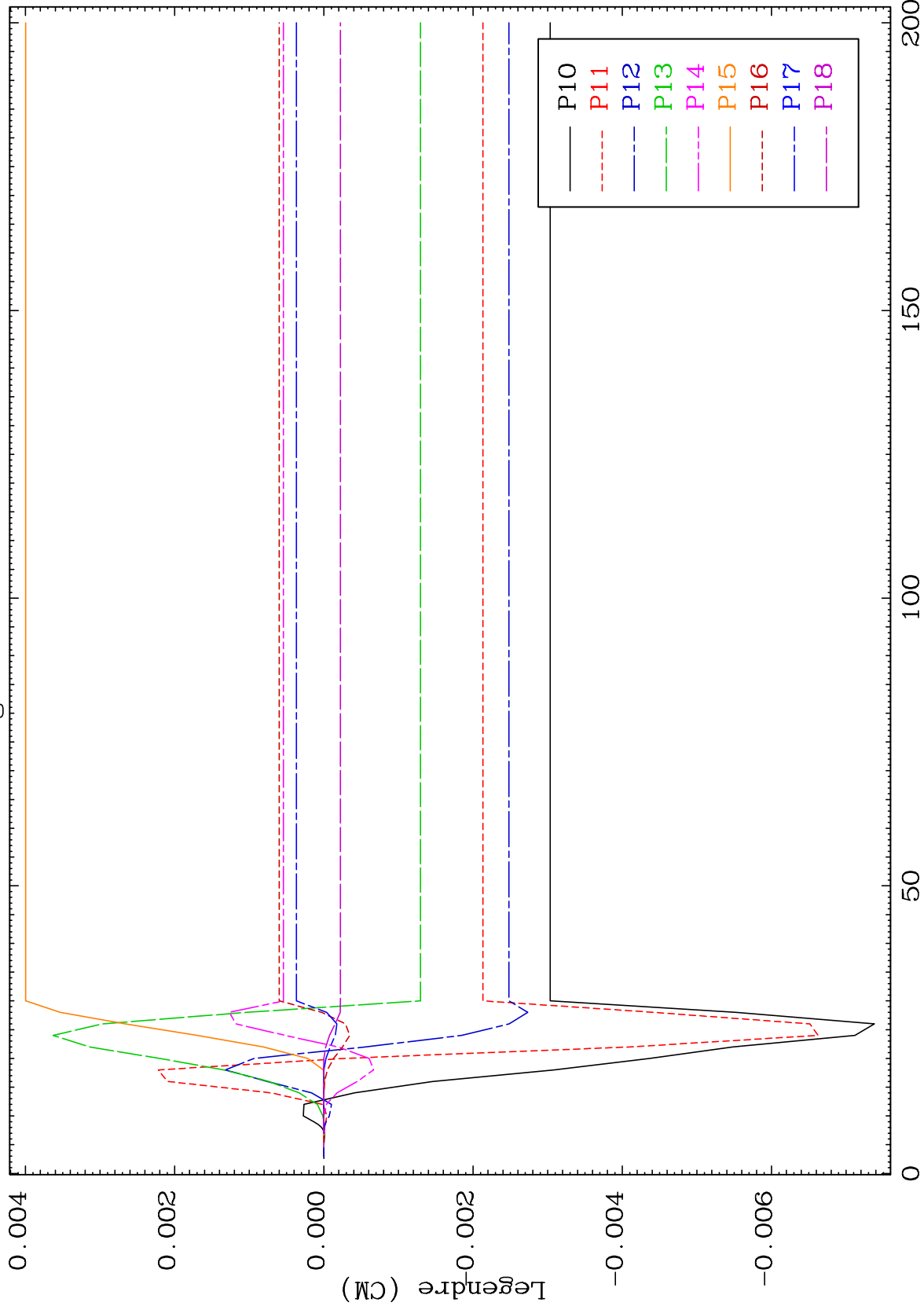
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



90

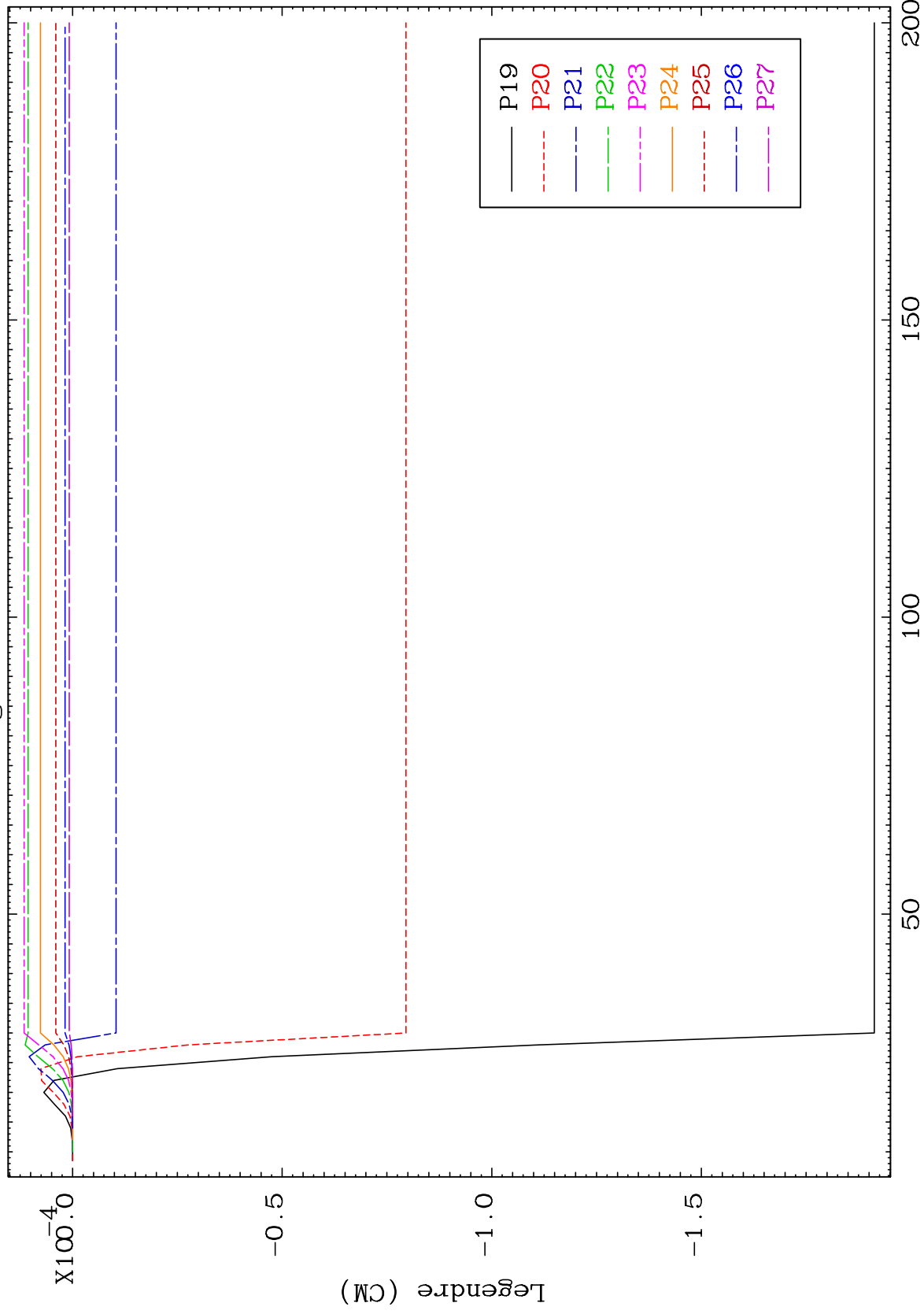
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

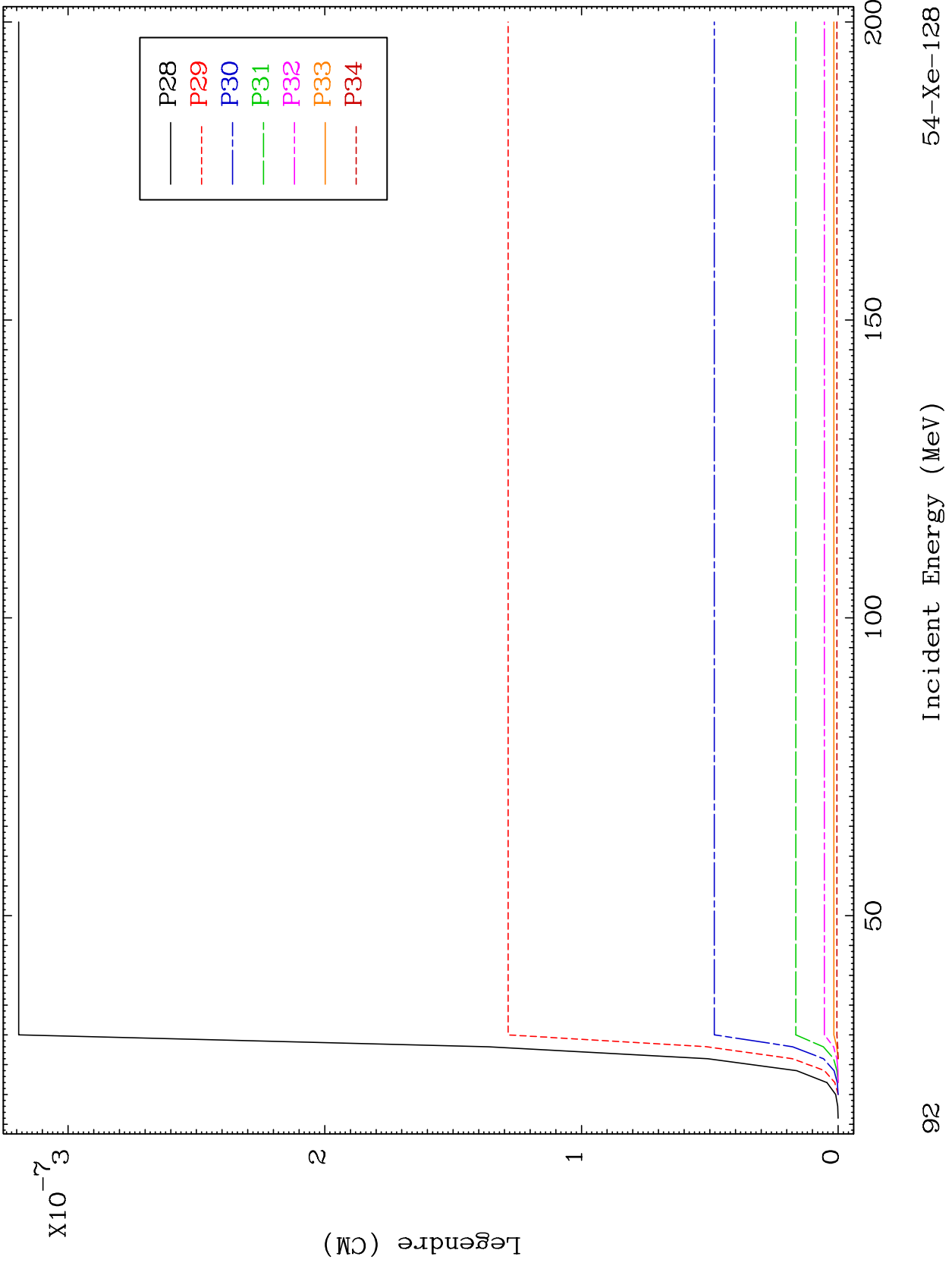
54-Xe-128



MAT 5437

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

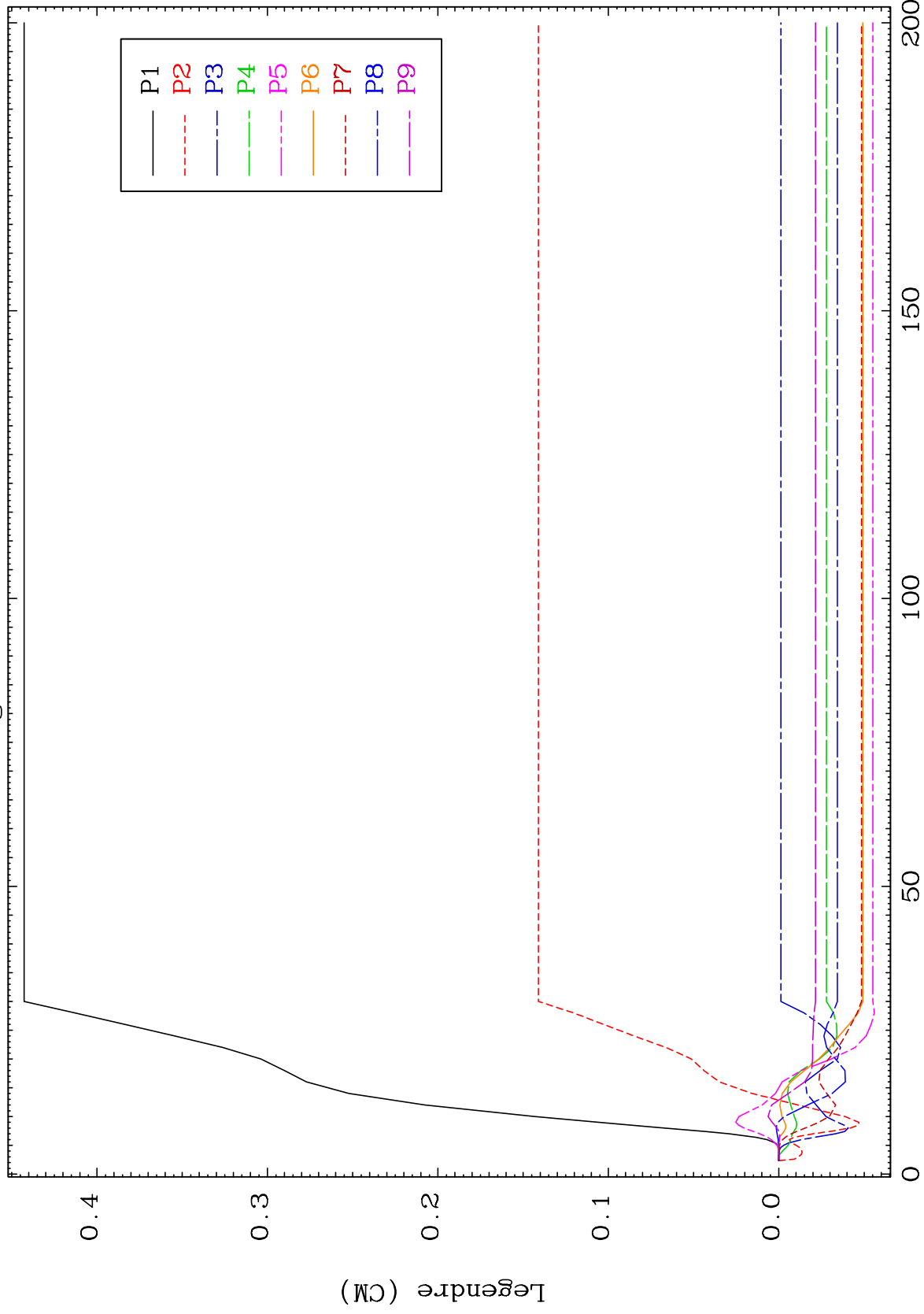
54-Xe-128



MAT 5437

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

54-Xe-128



93

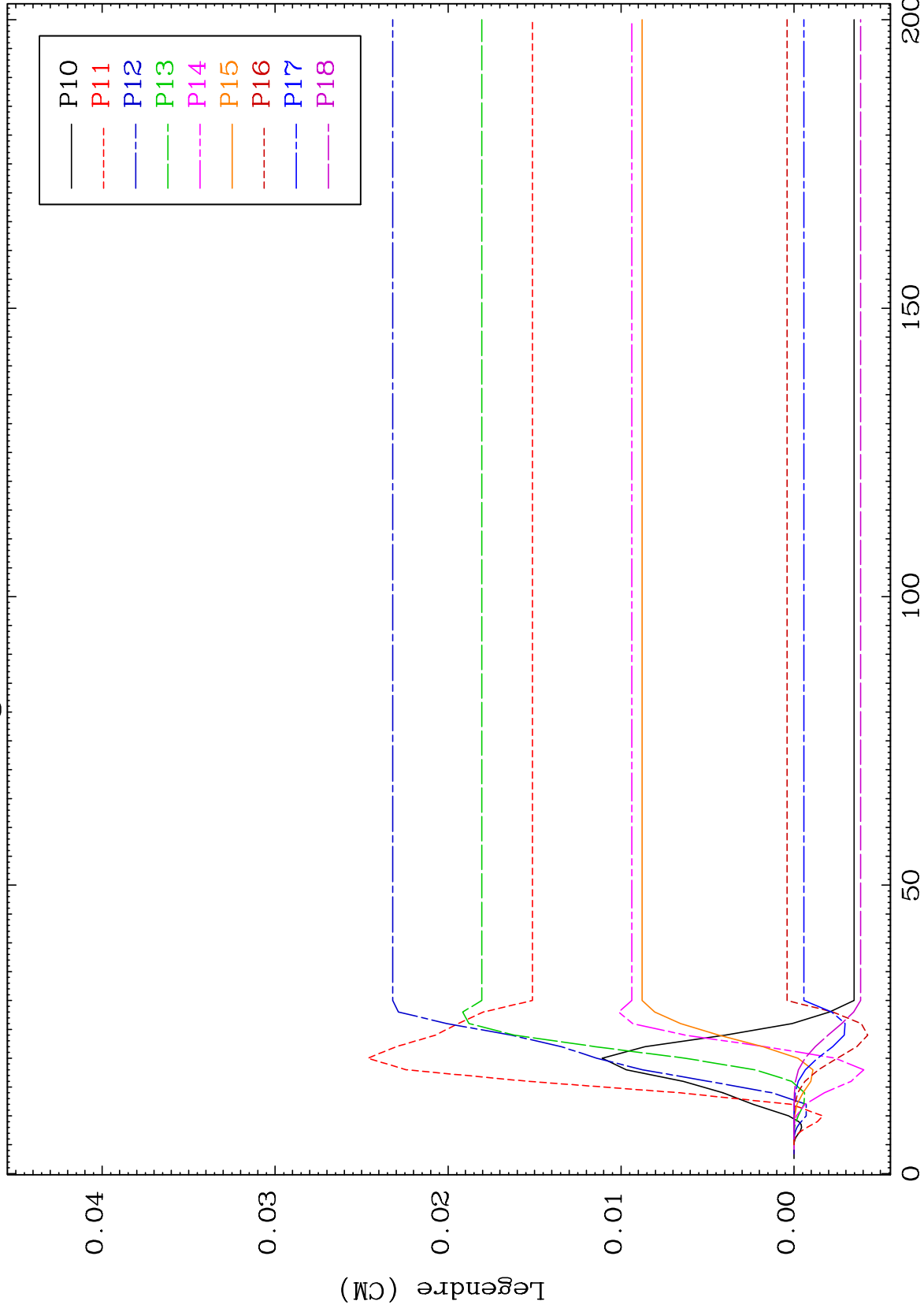
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



94

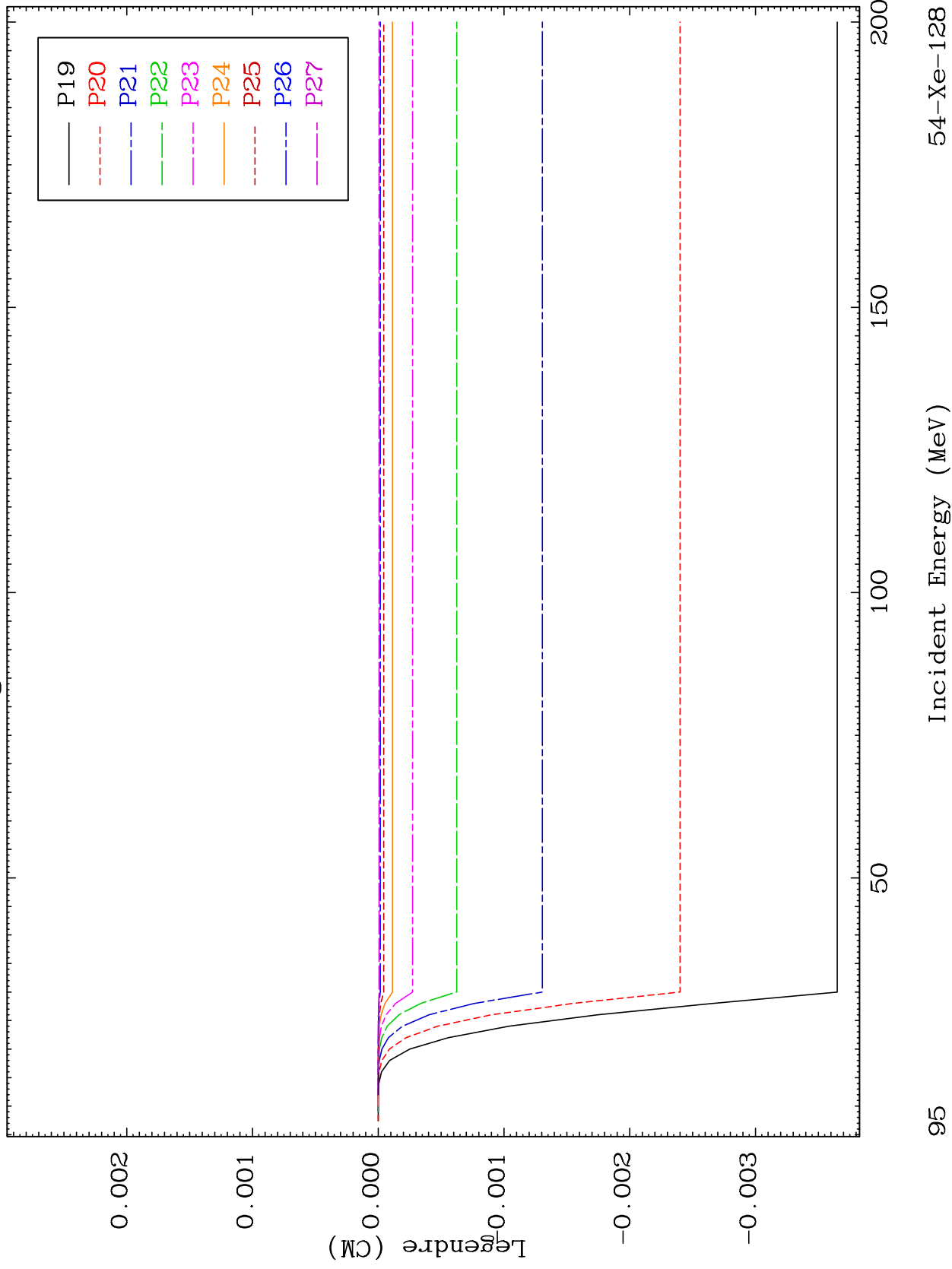
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



95

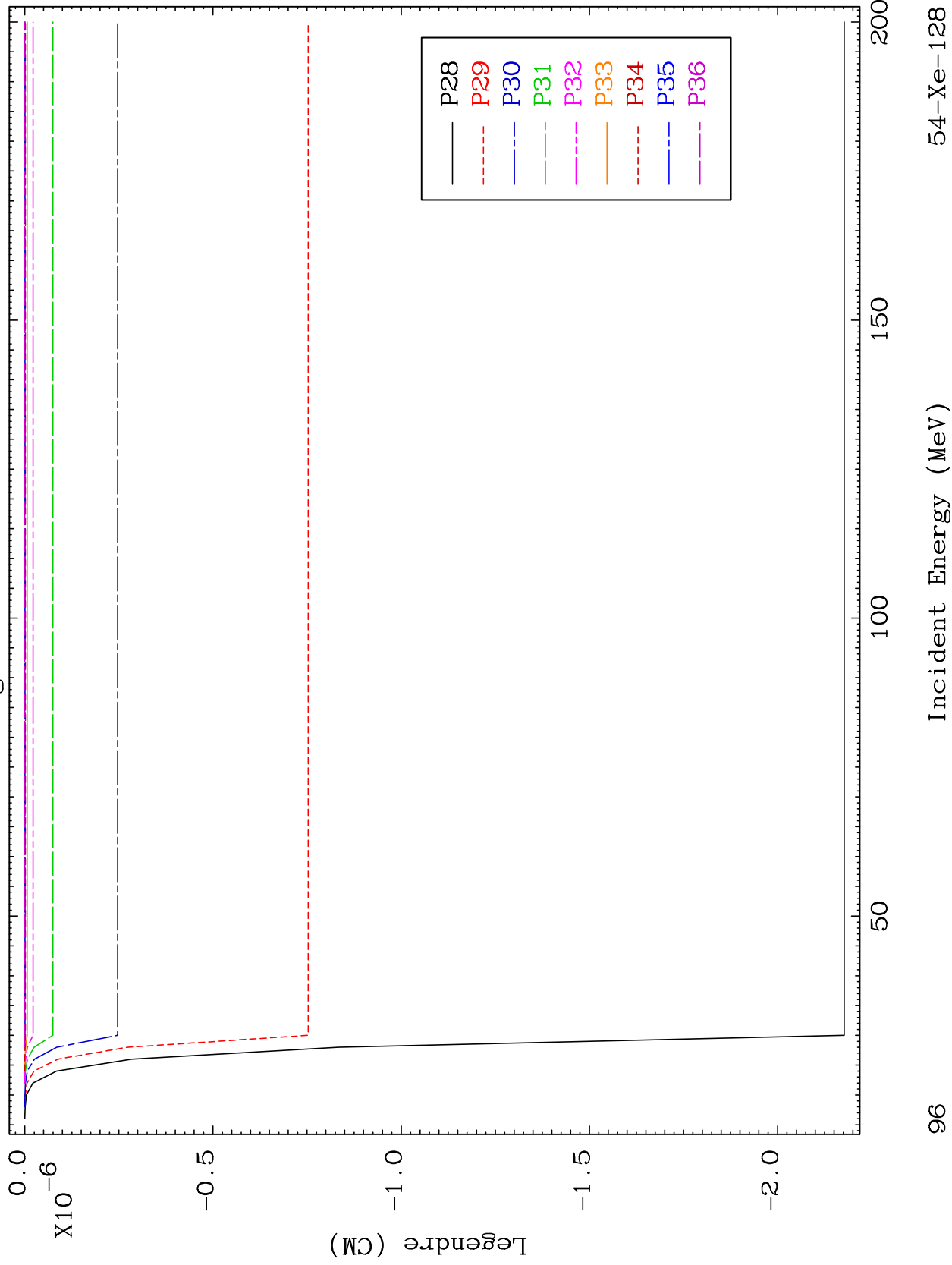
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

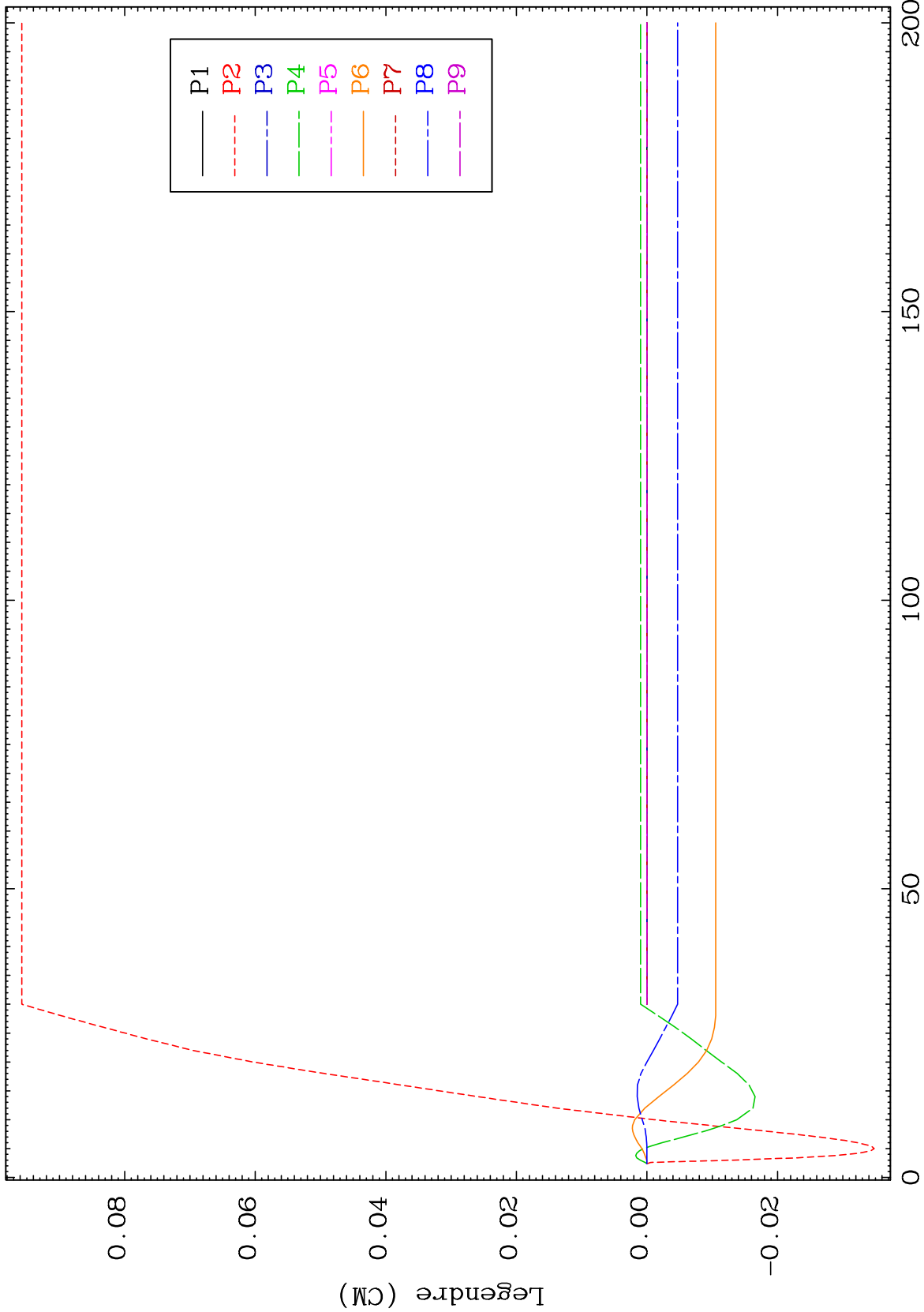
54-Xe-128



MAT 5437

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

54-Xe-128



97

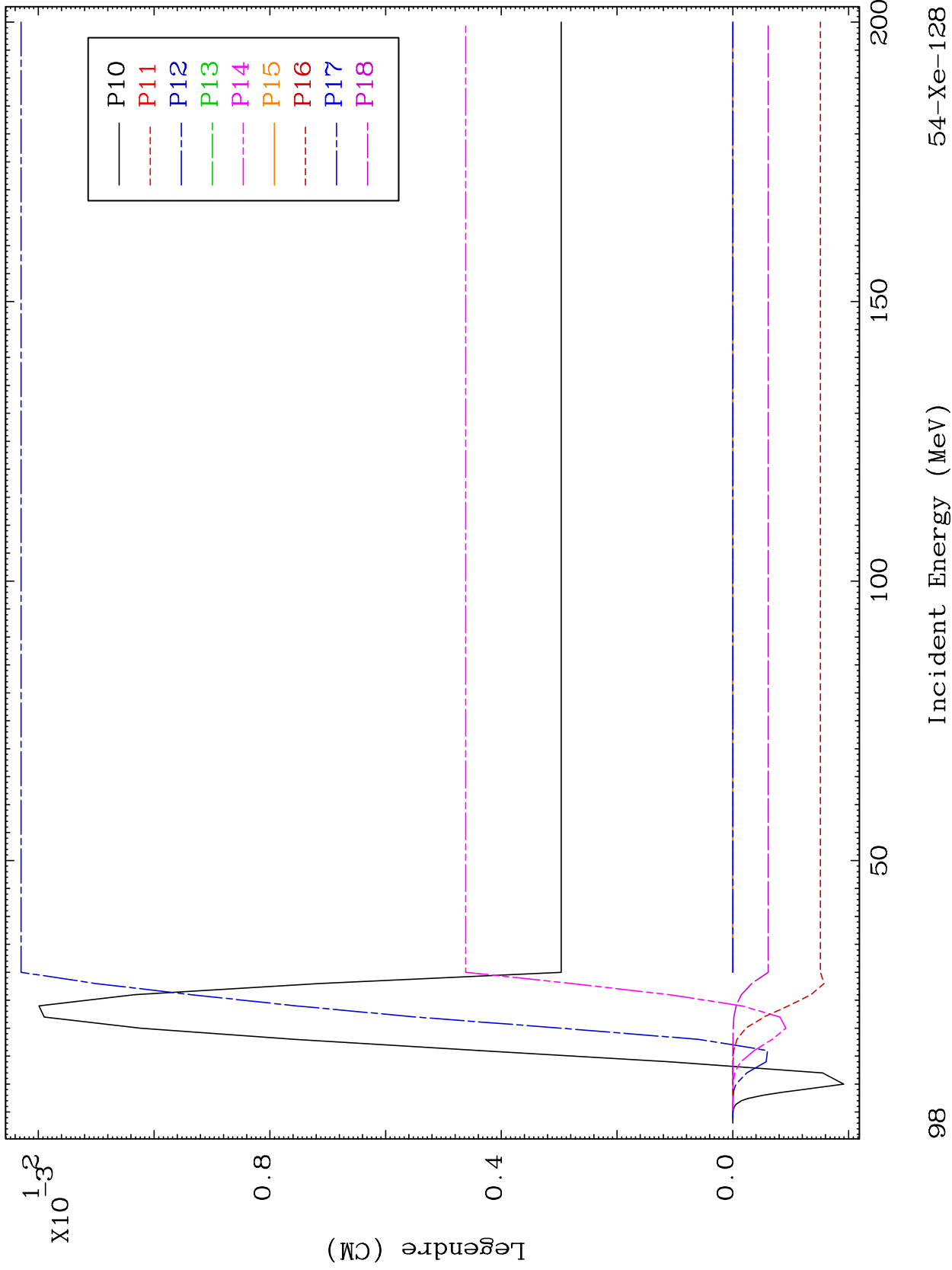
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



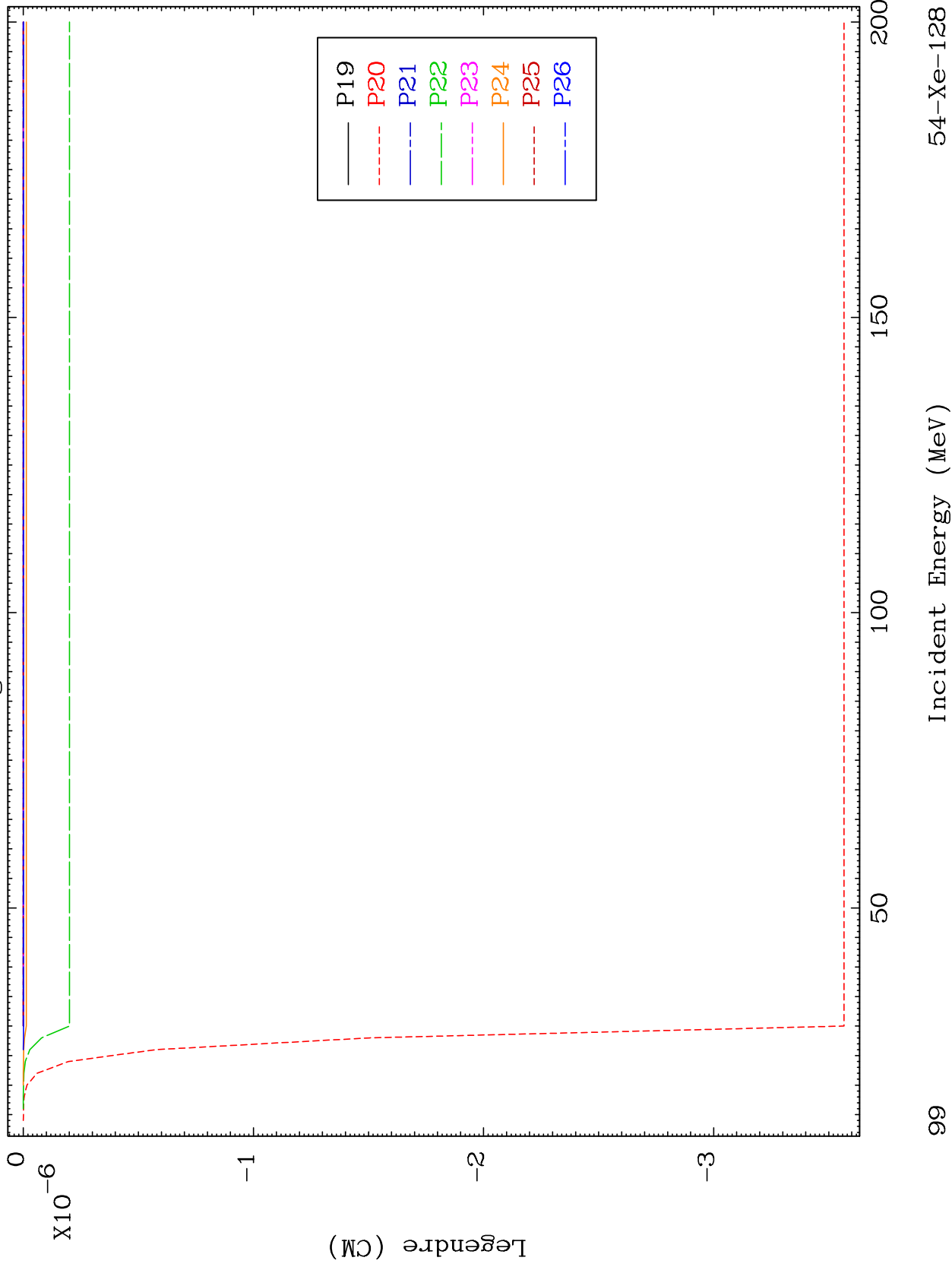
98

54-Xe-128

MAT 5437

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

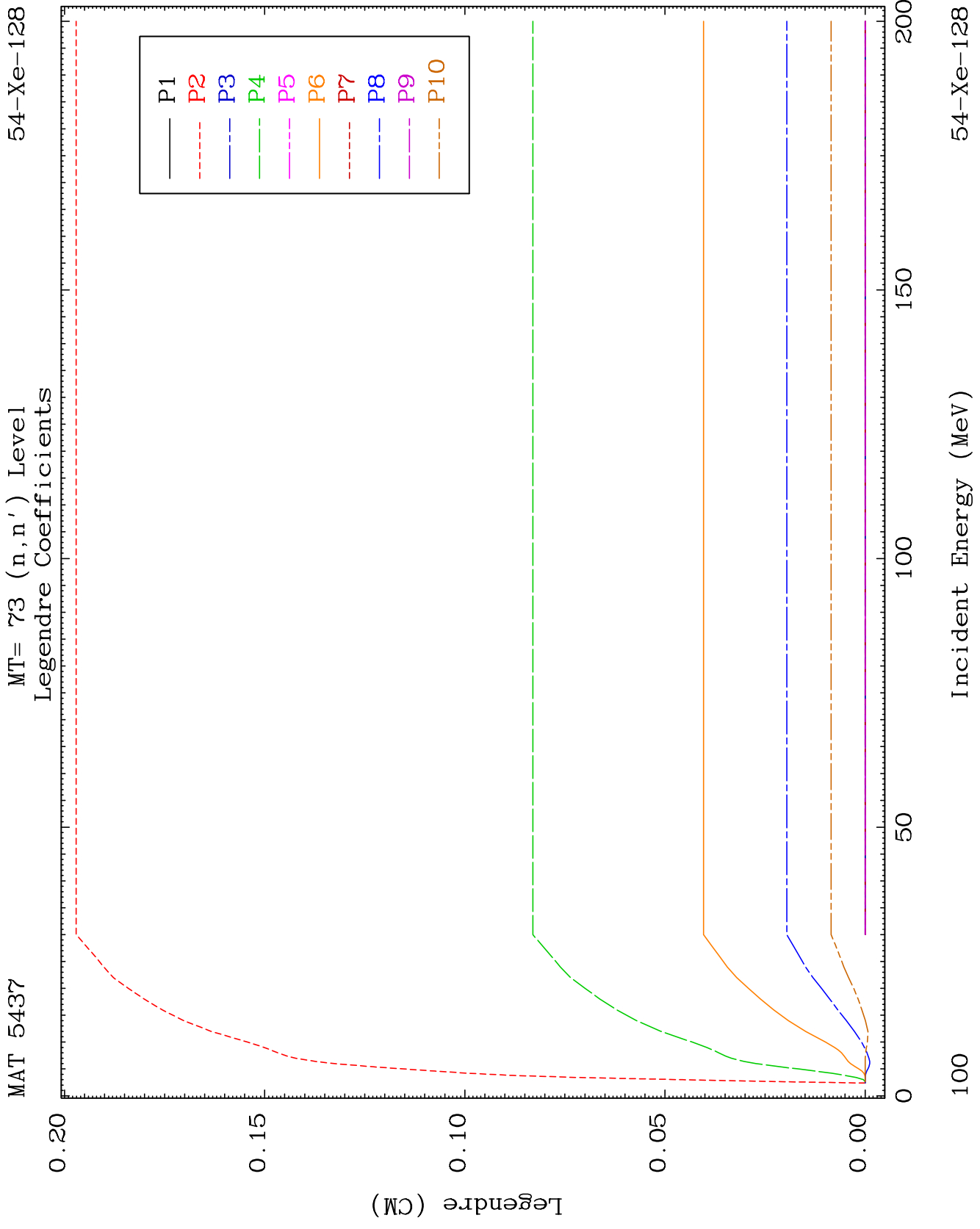
54-Xe-128



99

Incident Energy (MeV)

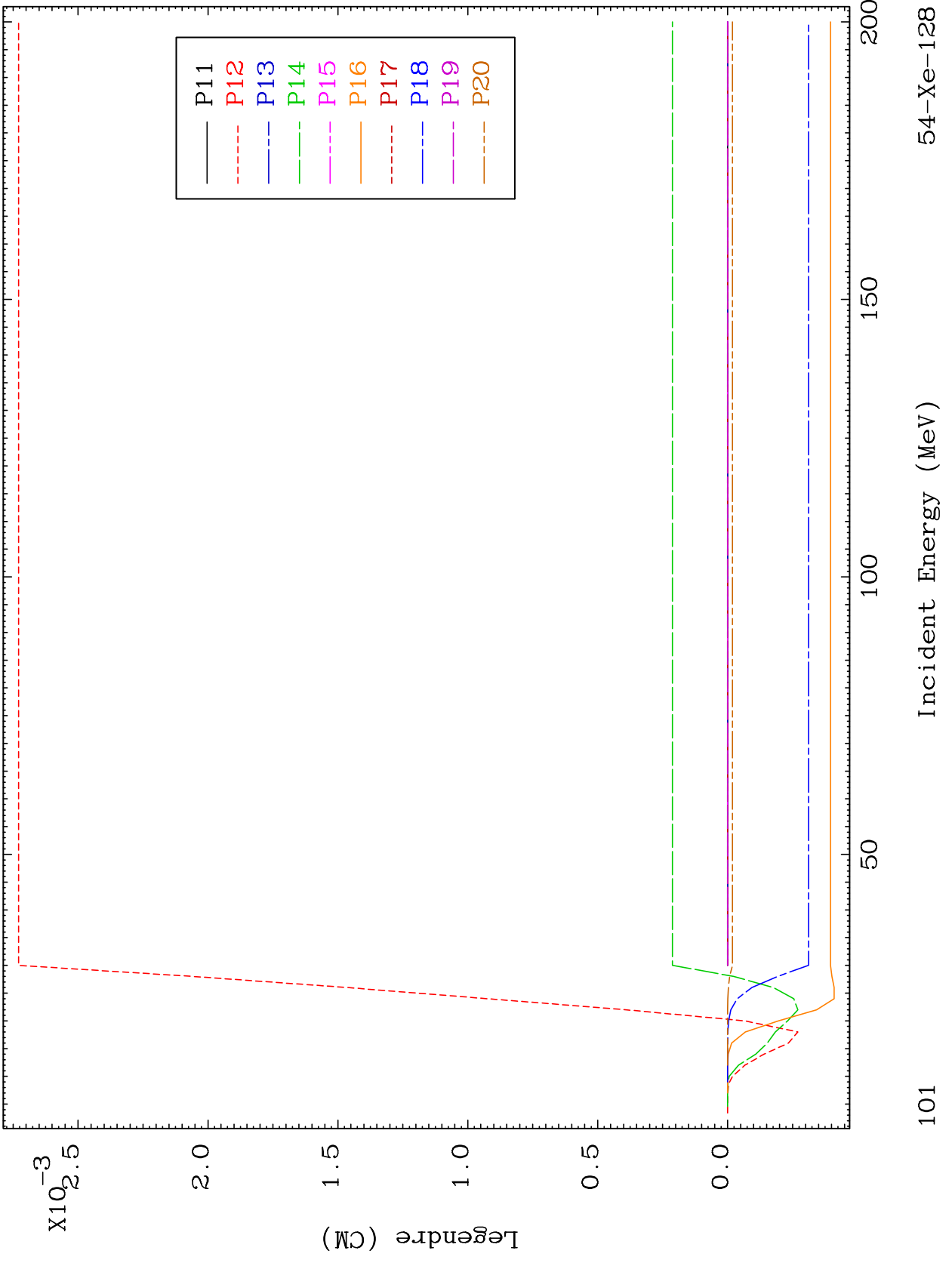
54-Xe-128



MAT 5437

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

54-Xe-128



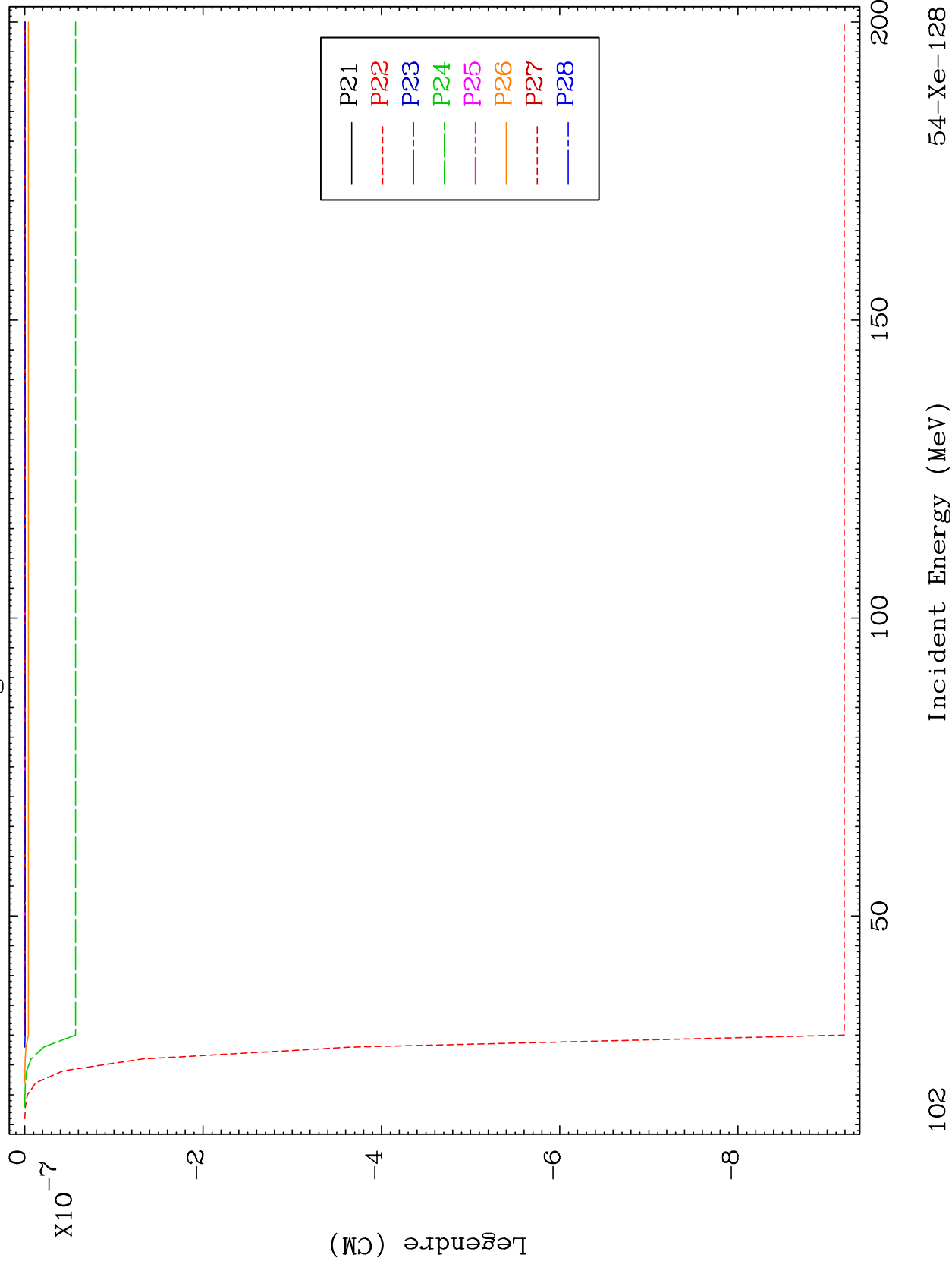
101

54-Xe-128

MAT 5437

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

54-Xe-128



102

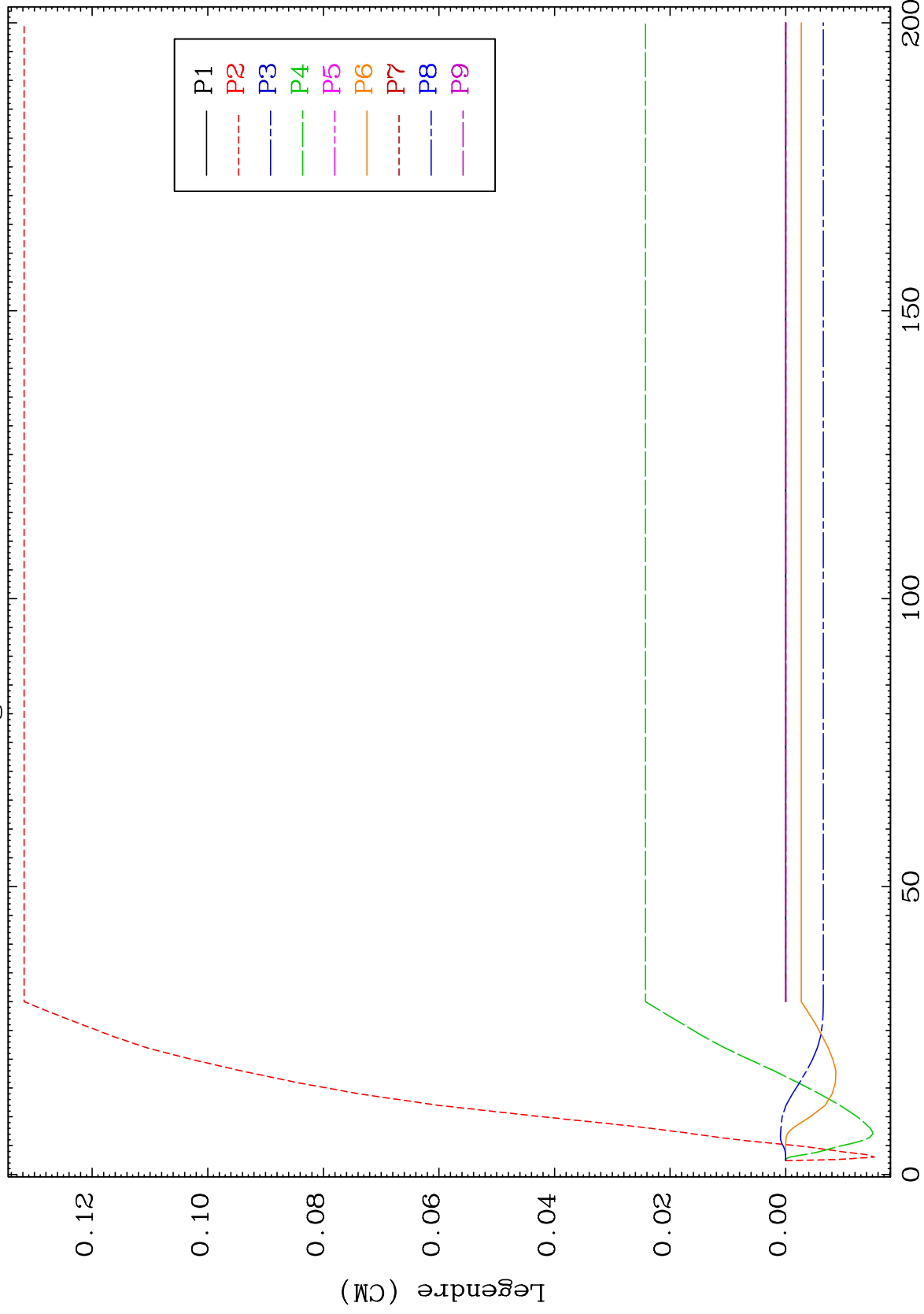
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

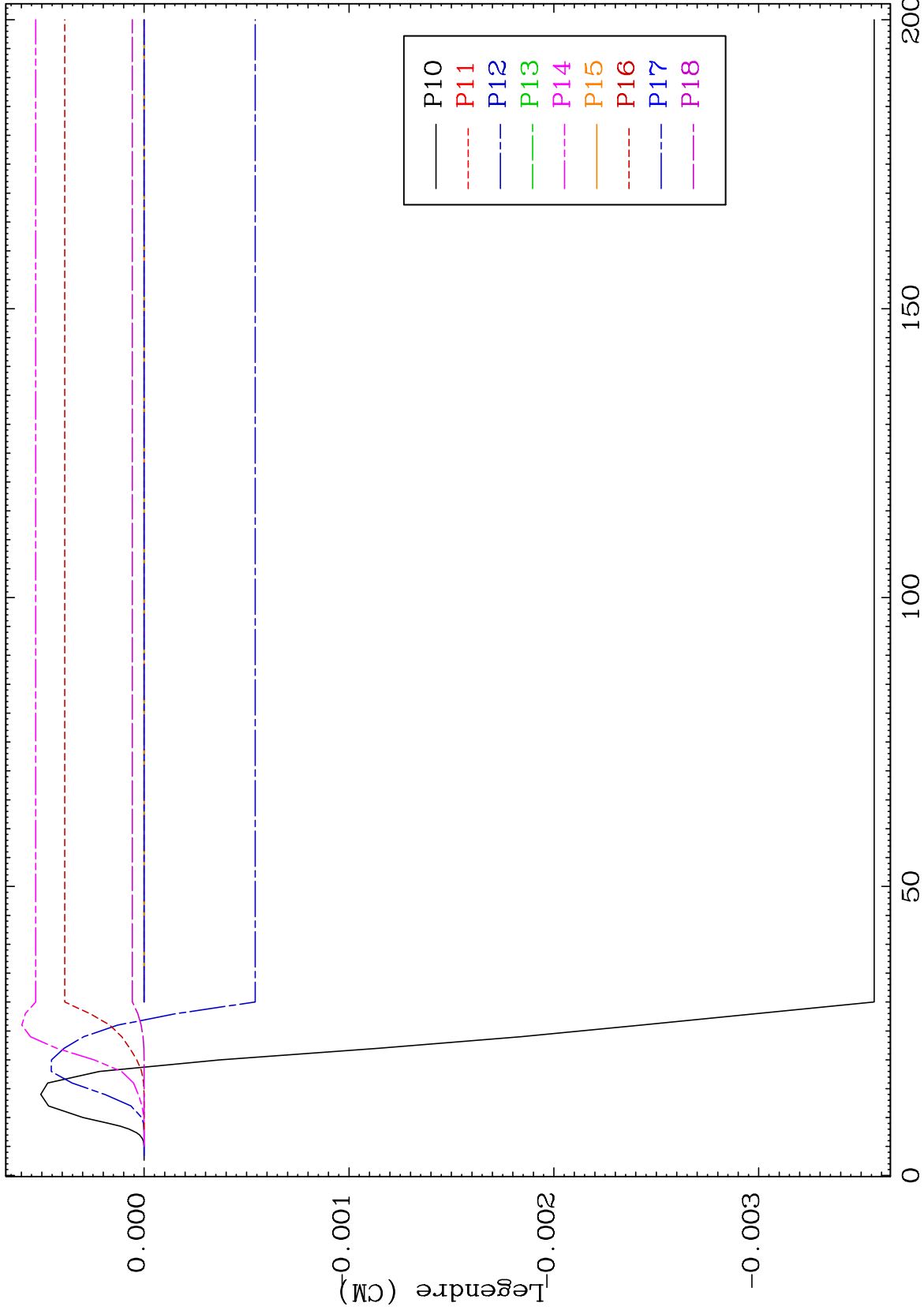
Incident Energy (MeV)

103

MAT 5437

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

54-Xe-128



104

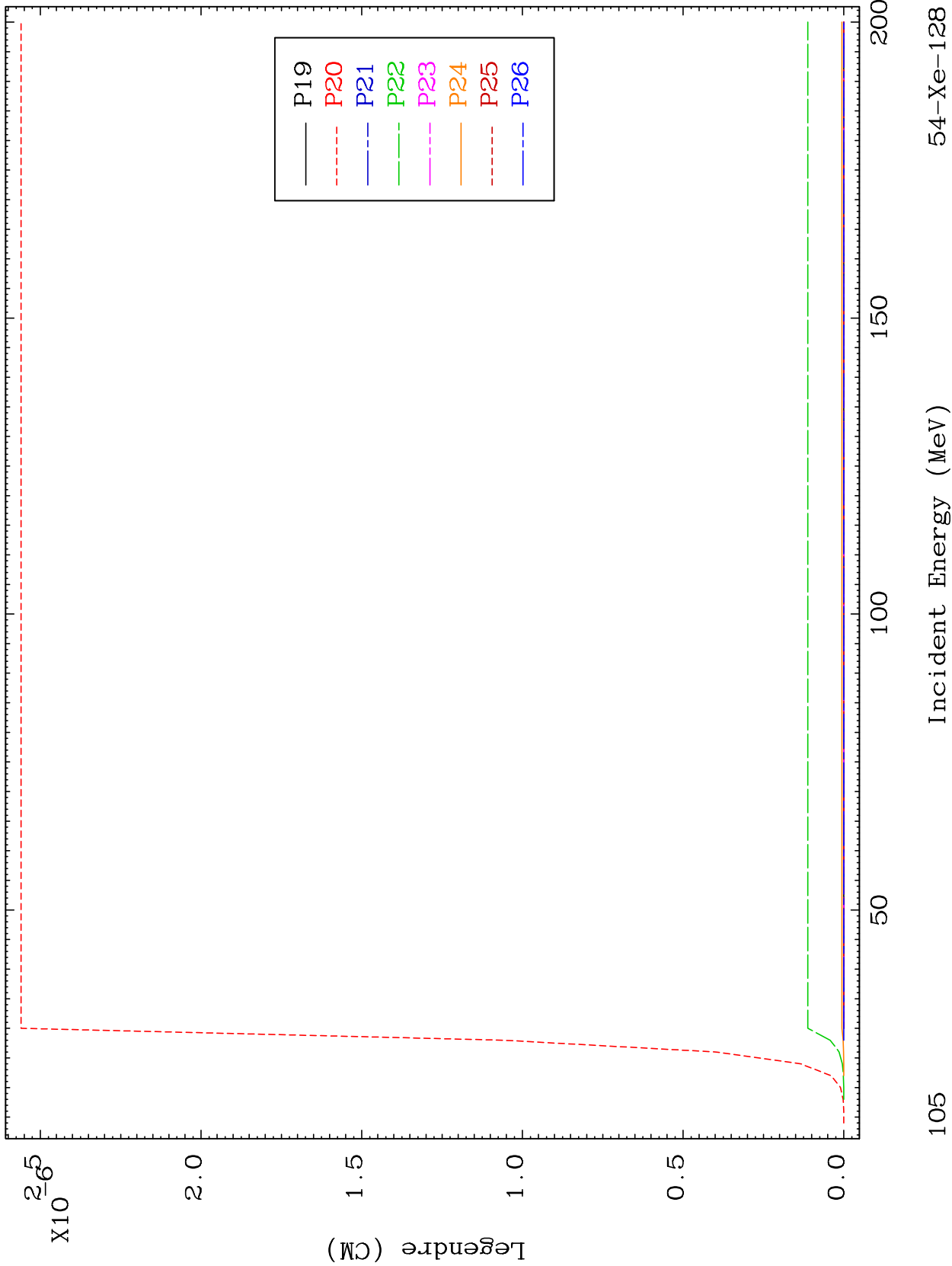
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

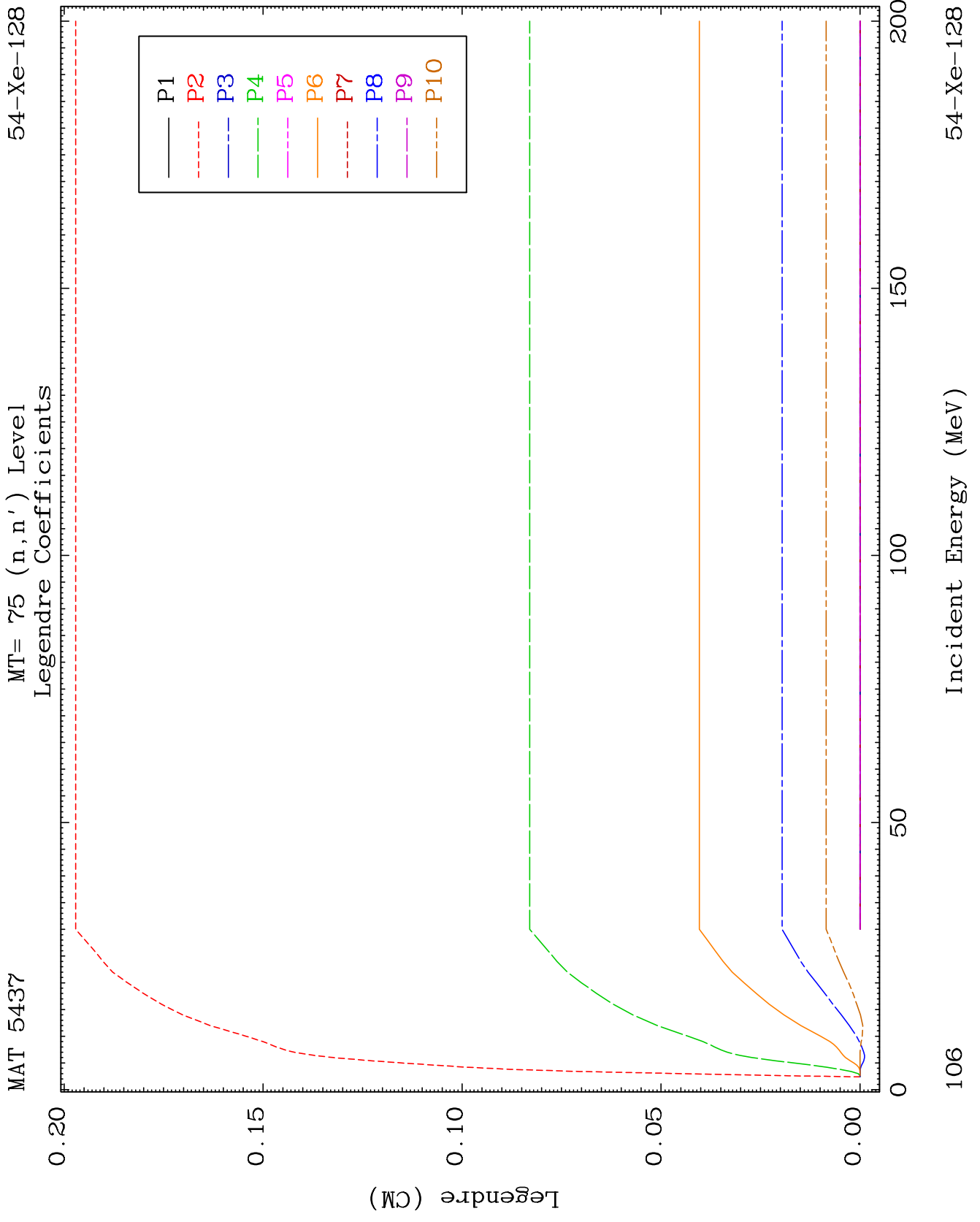
54-Xe-128



54-Xe-128

Incident Energy (MeV)

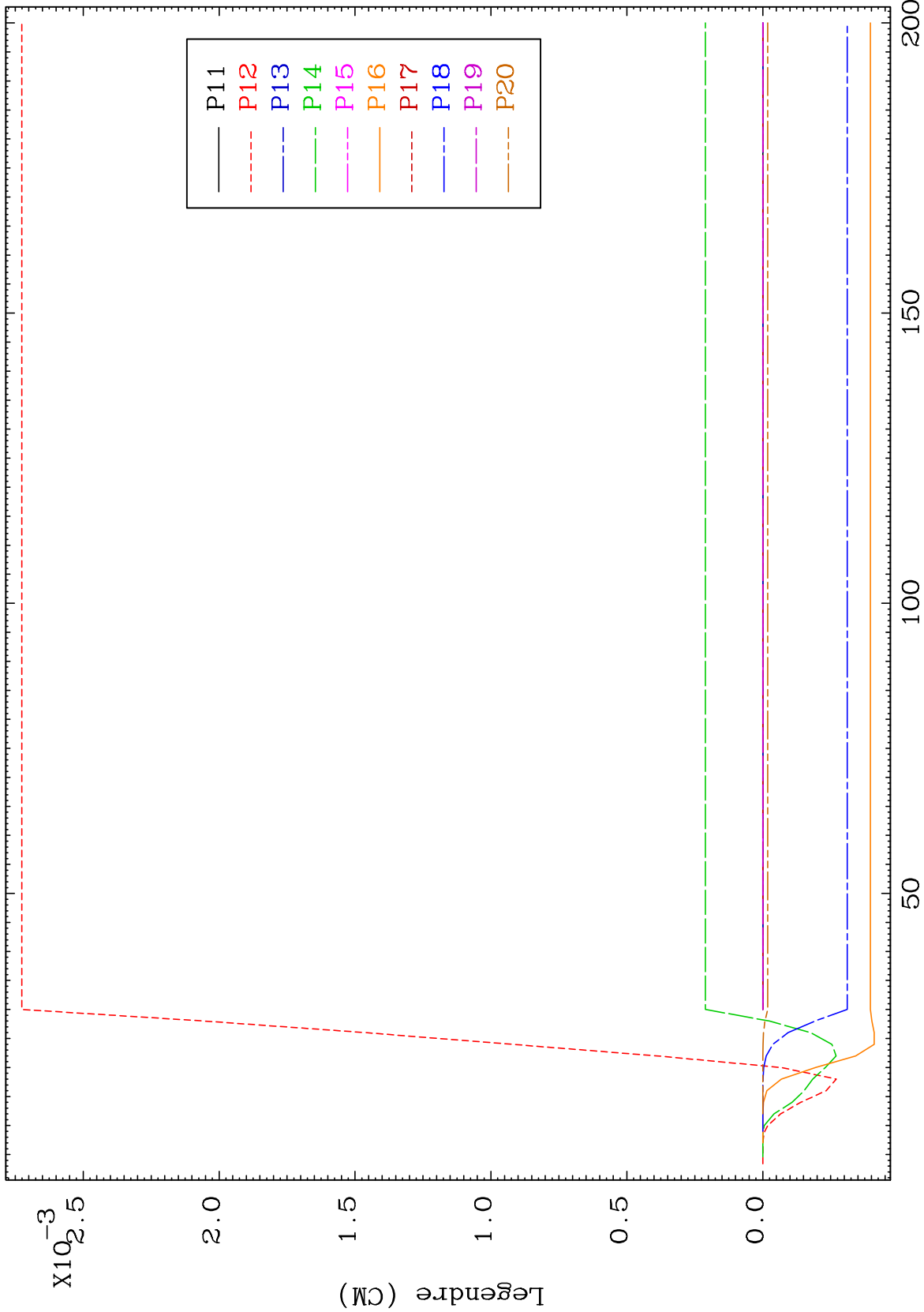
105



MAT 5437

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

54-Xe-128



107

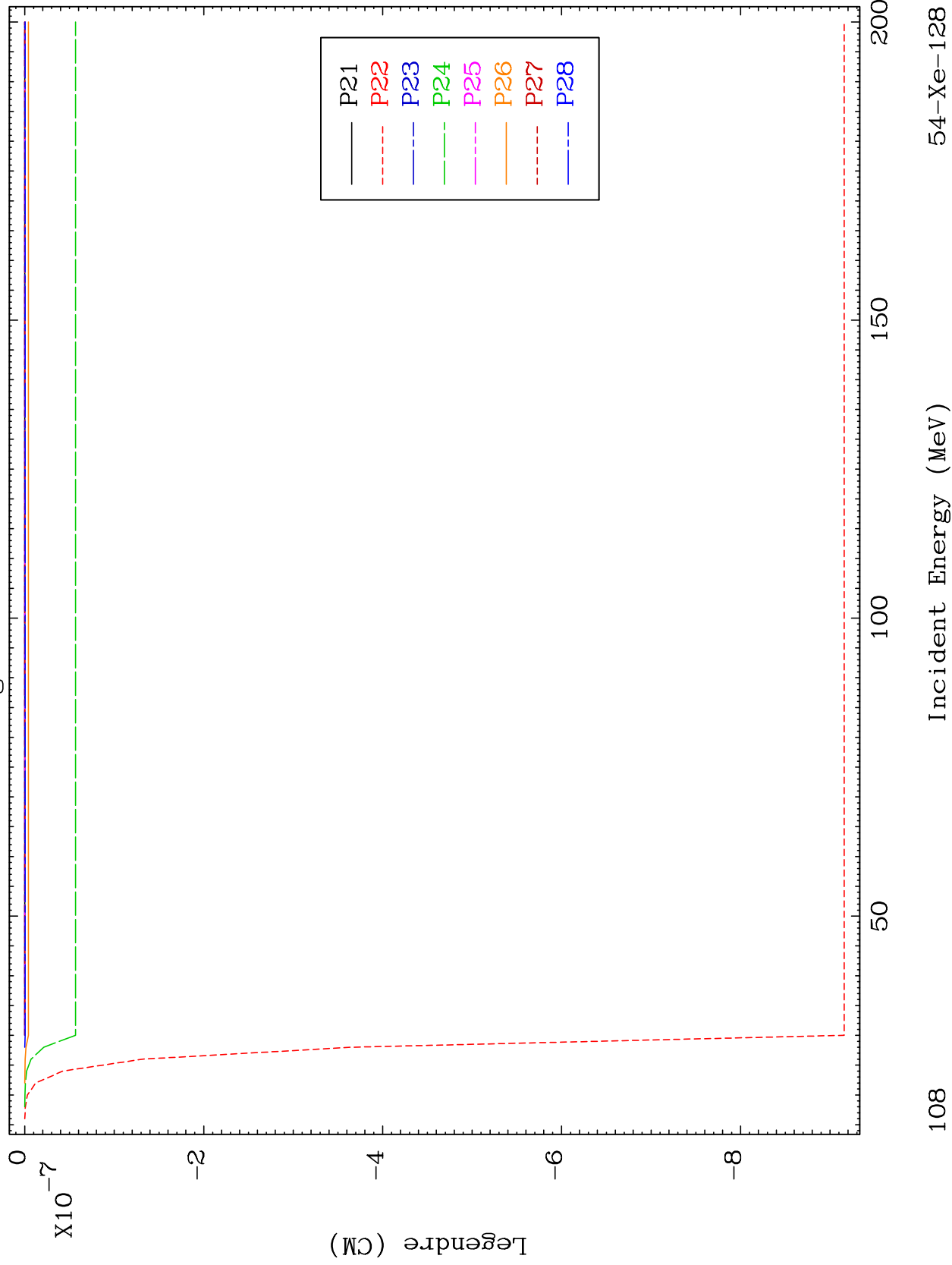
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



108

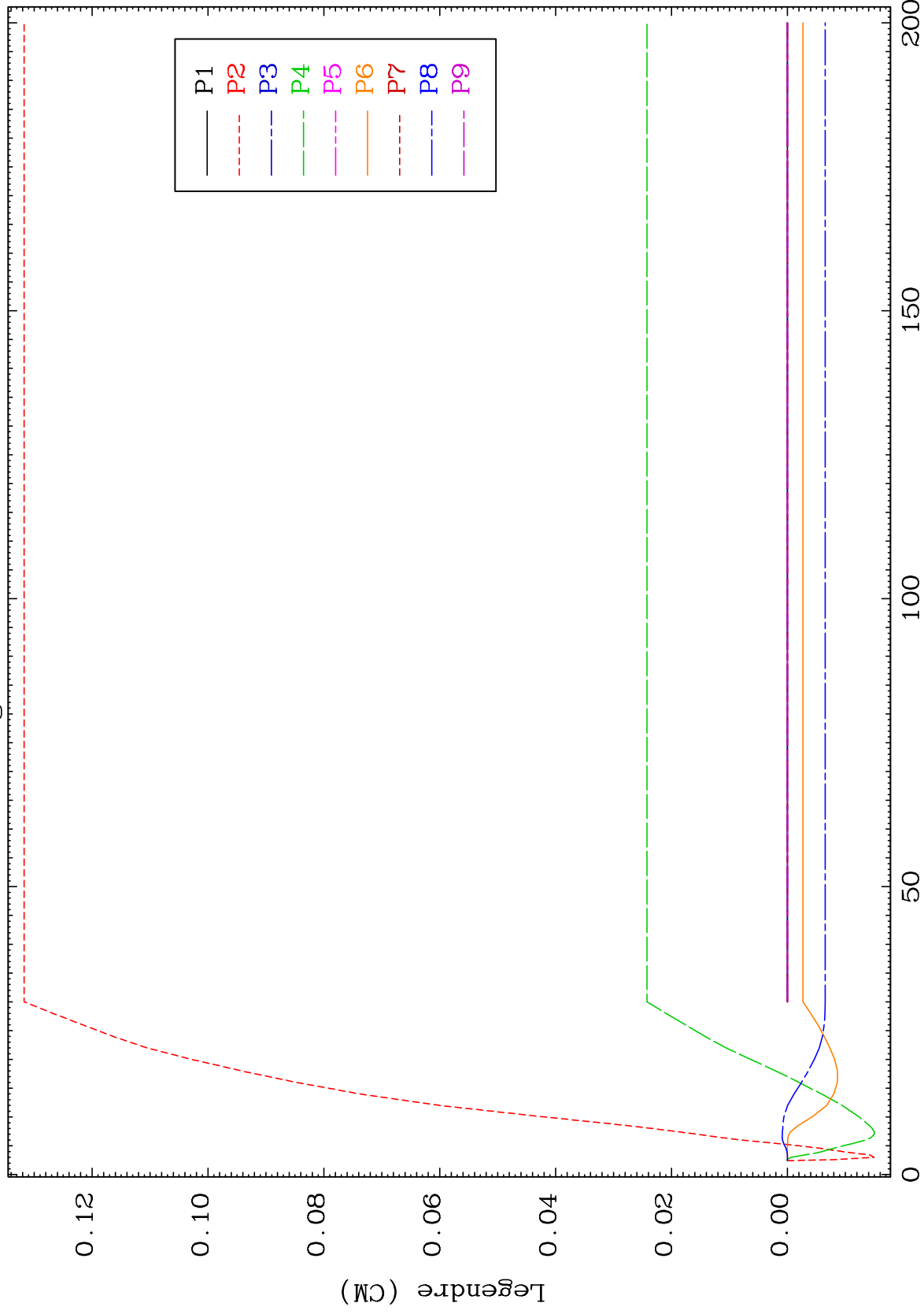
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

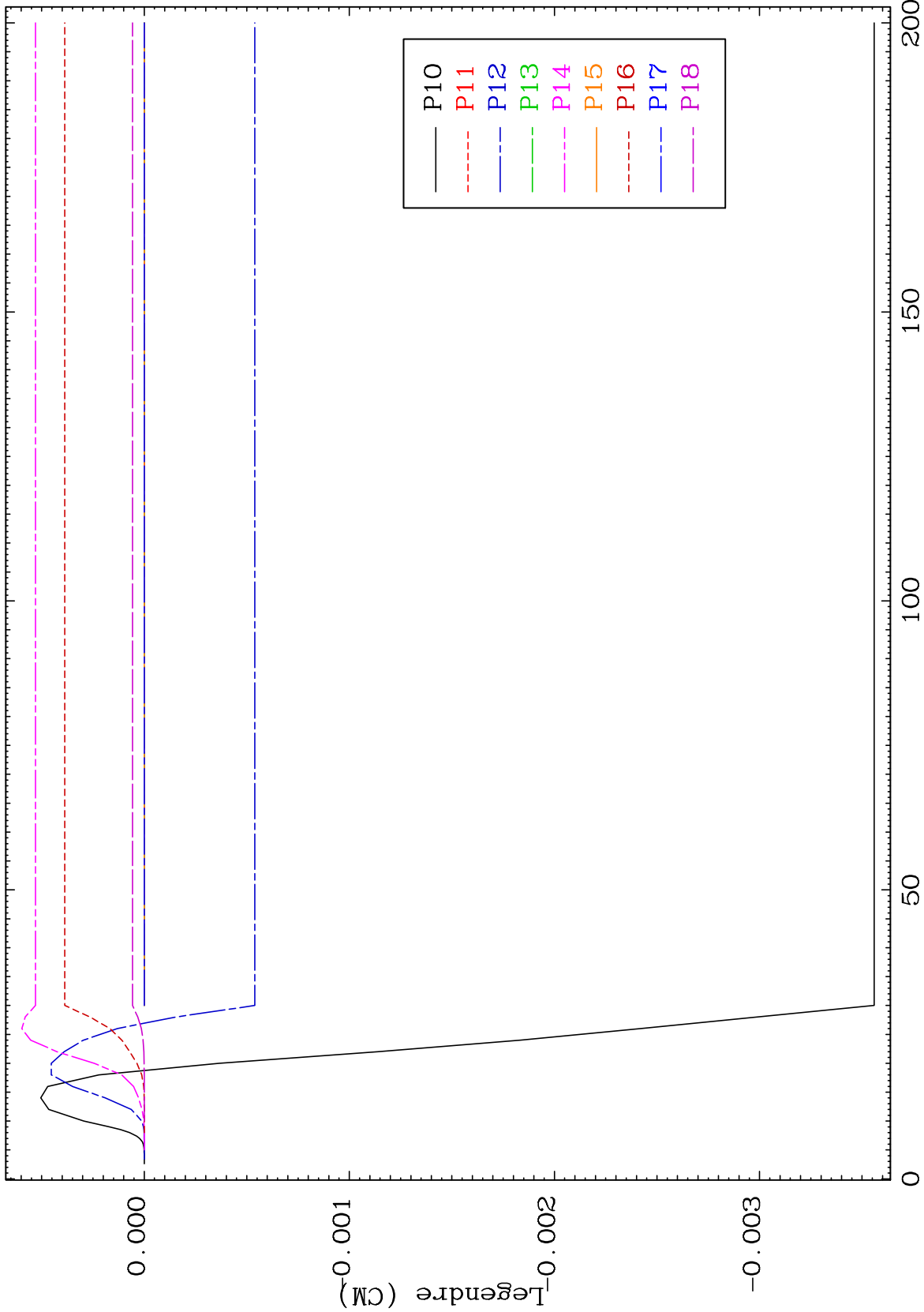
Incident Energy (MeV)

109

MAT 5437

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

54-Xe-128



110

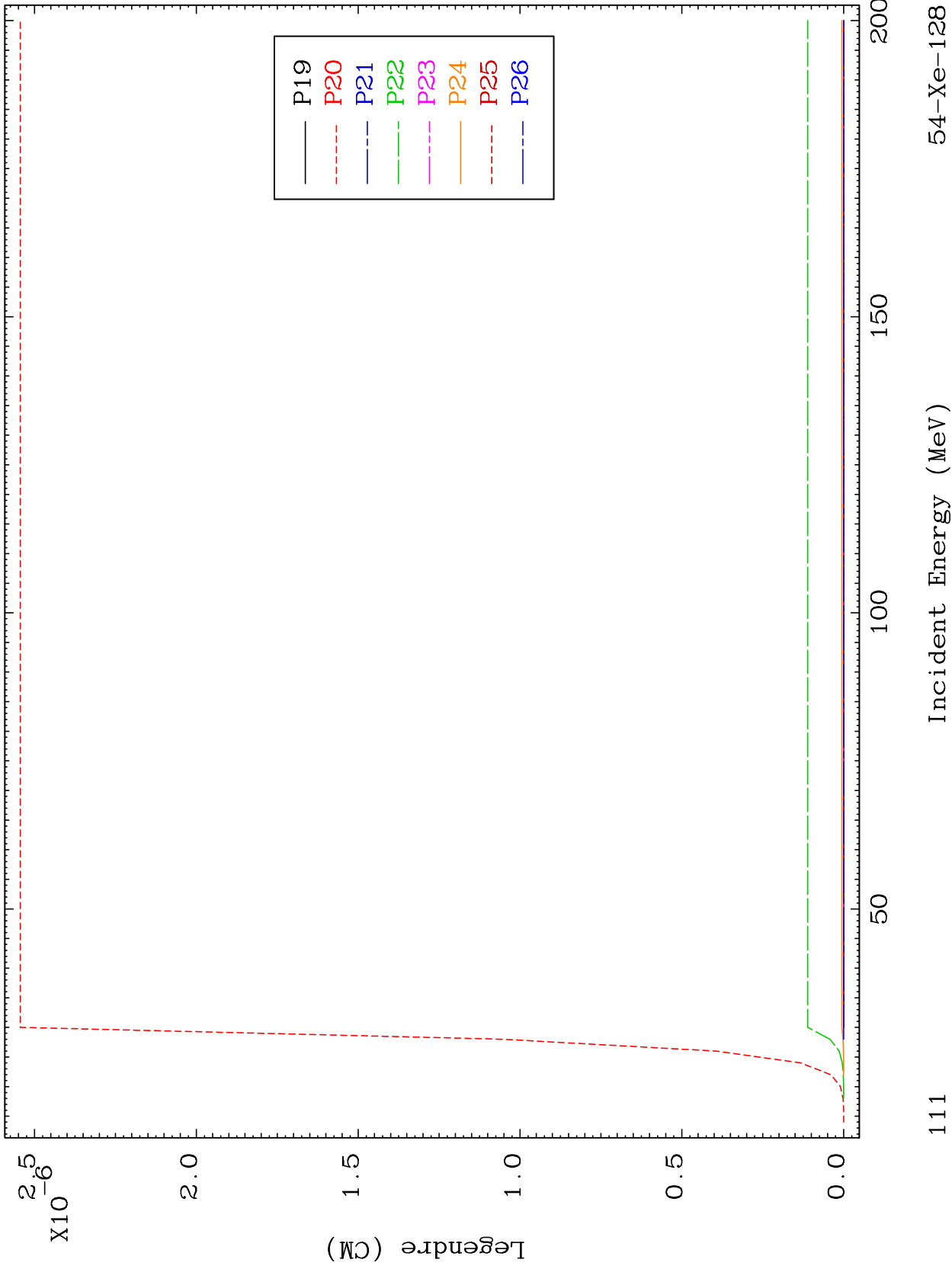
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128

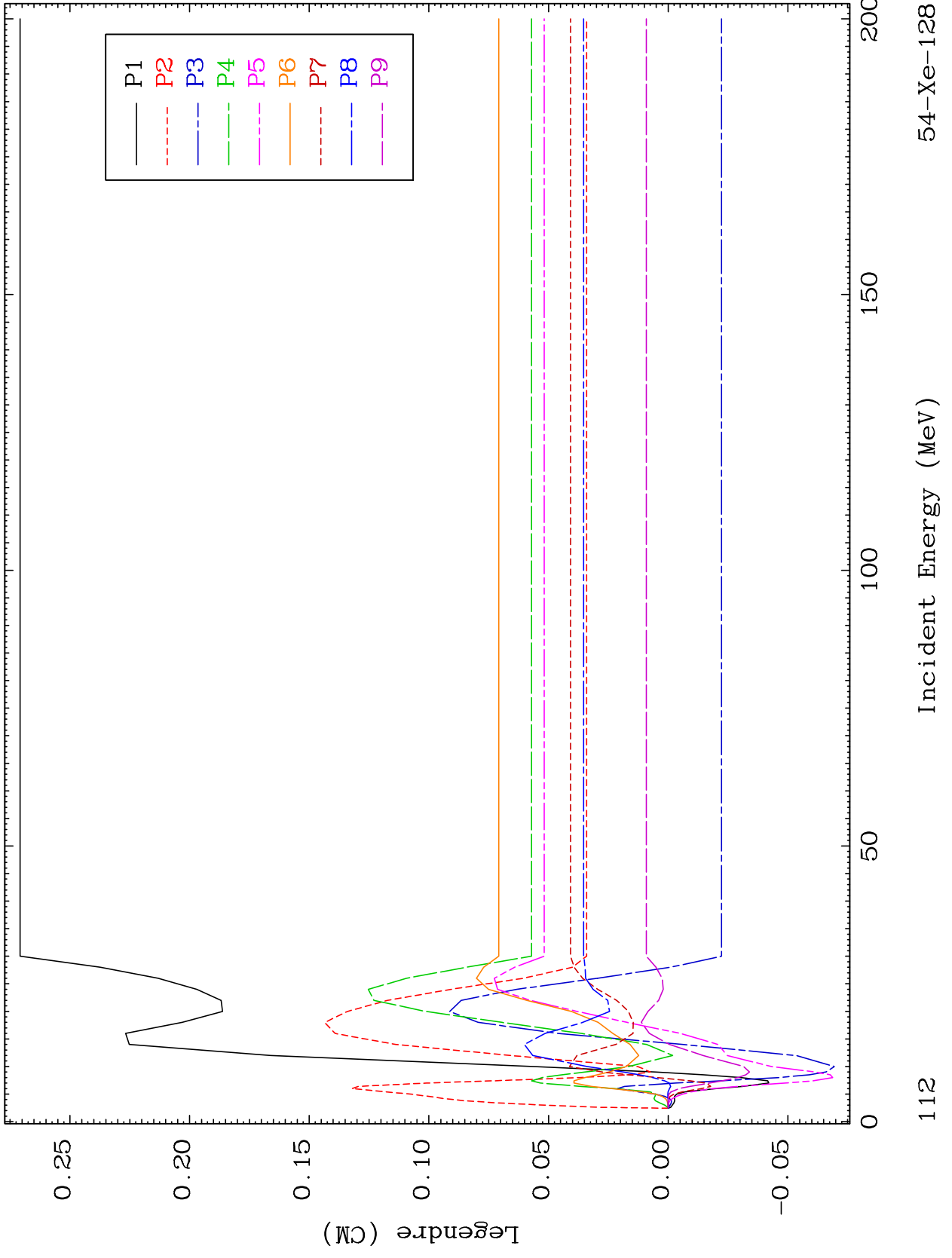


111

MAT 5437

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

54-Xe-128



54-Xe-128

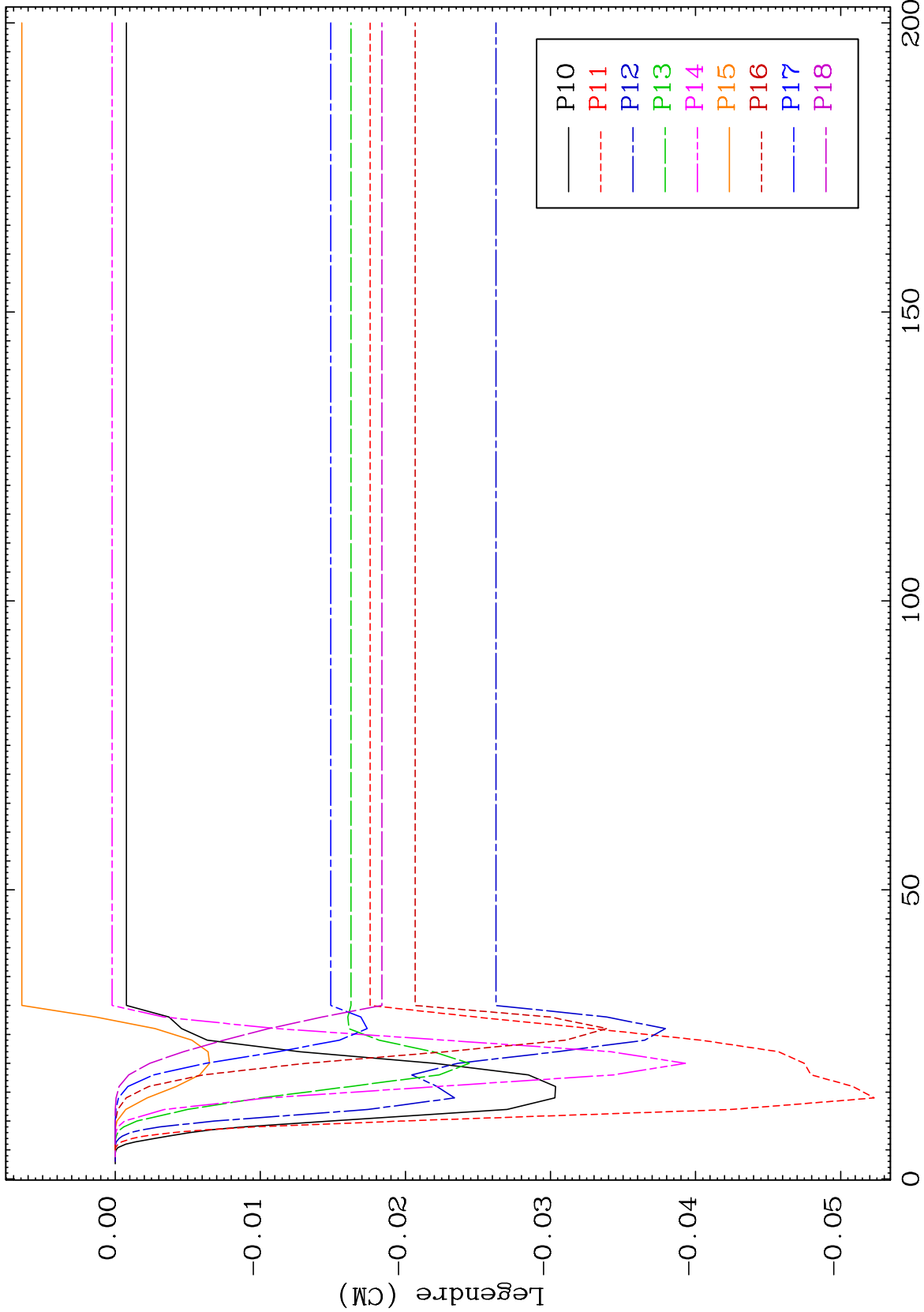
Incident Energy (MeV)

112

MAT 5437

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

54-Xe-128



113

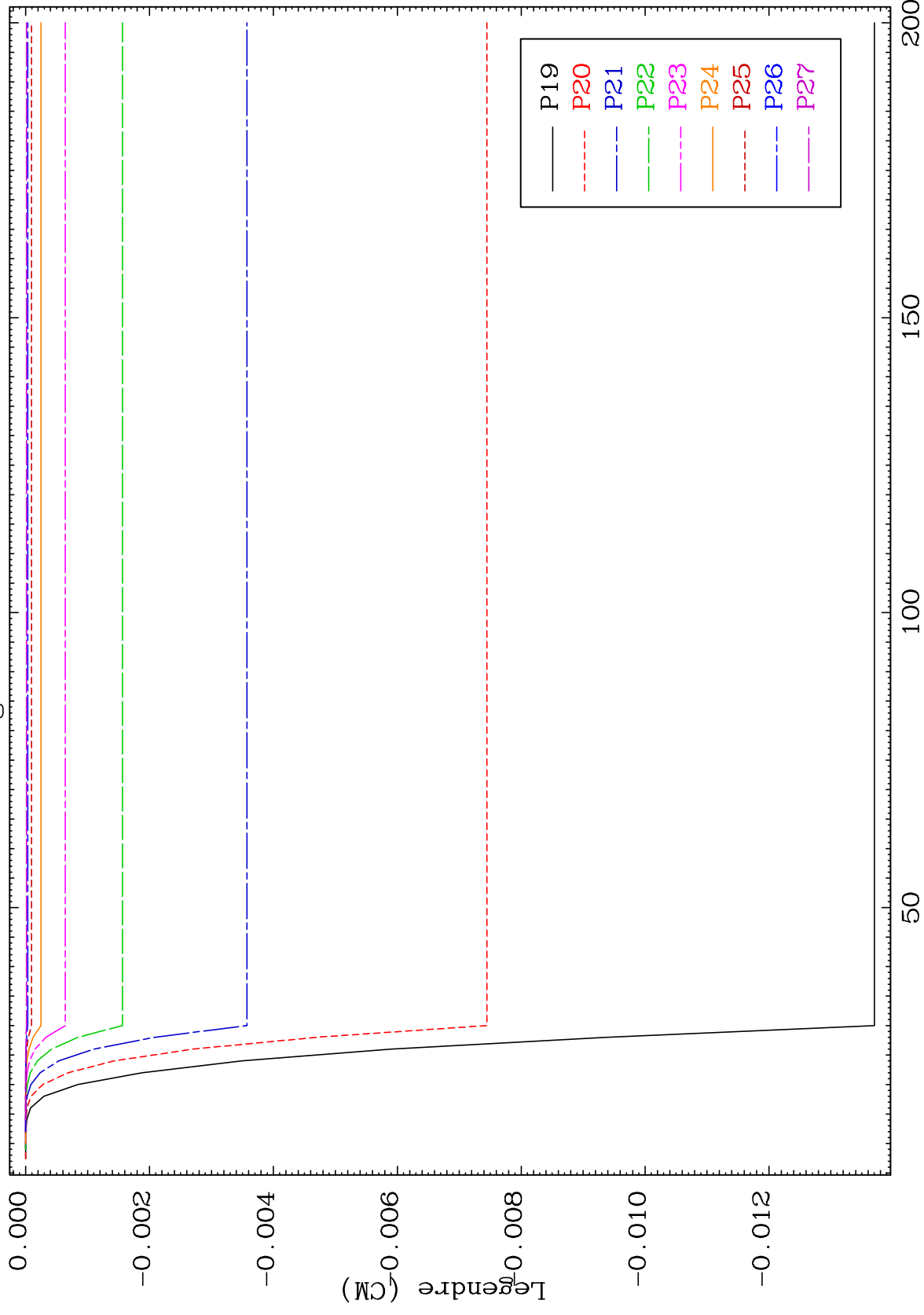
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

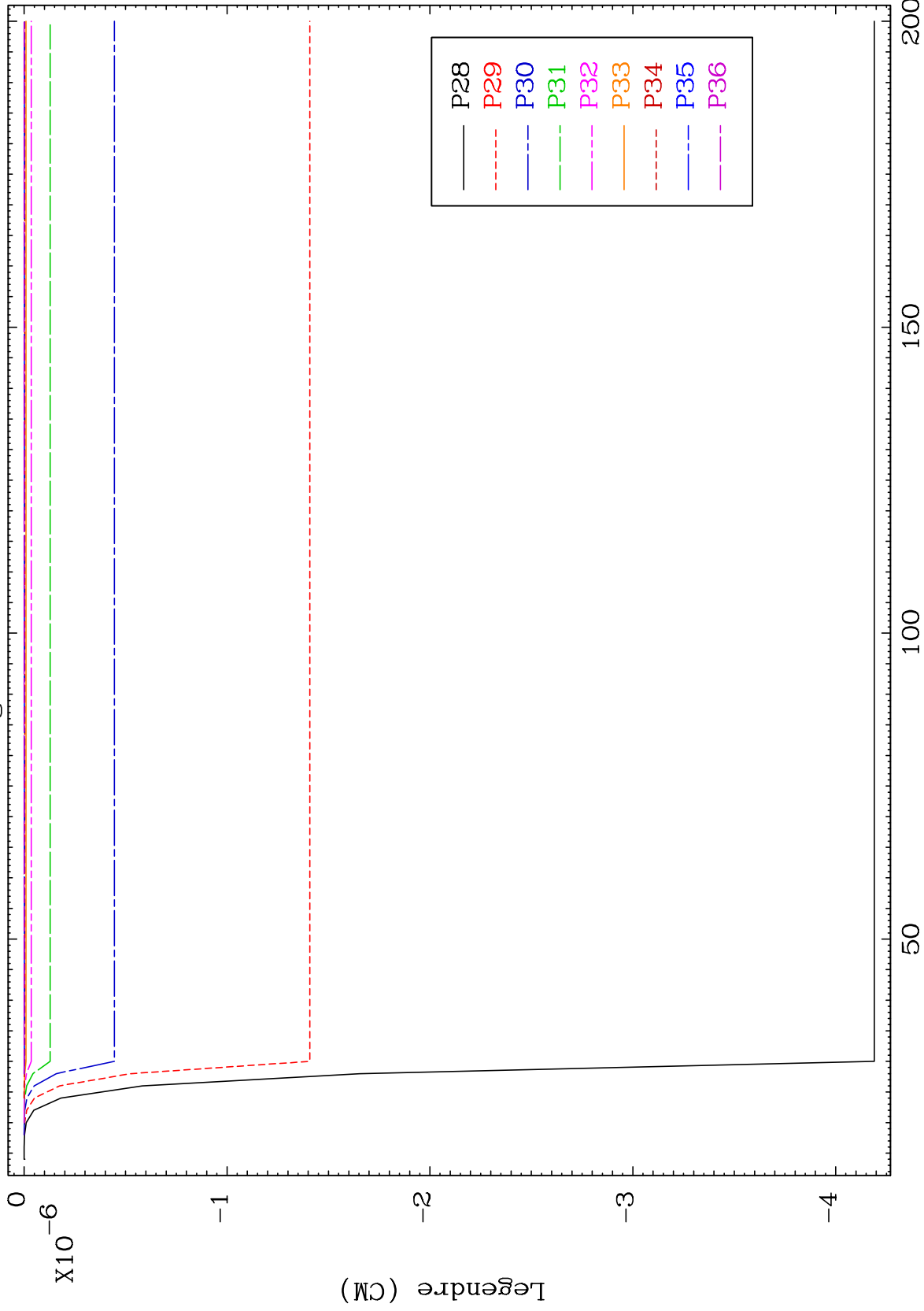
54-Xe-128



MAT 5437

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

54-Xe-128



115

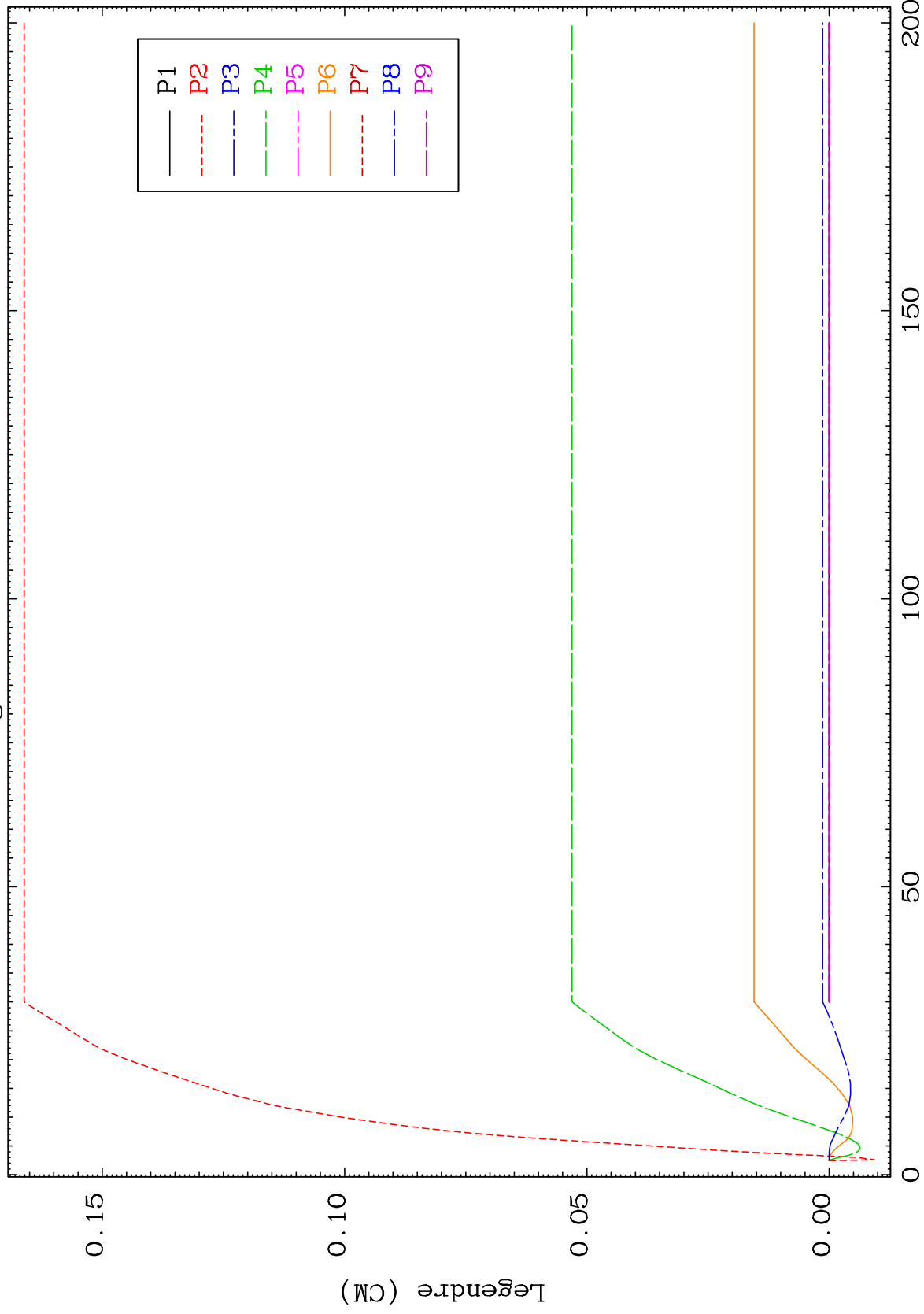
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



116

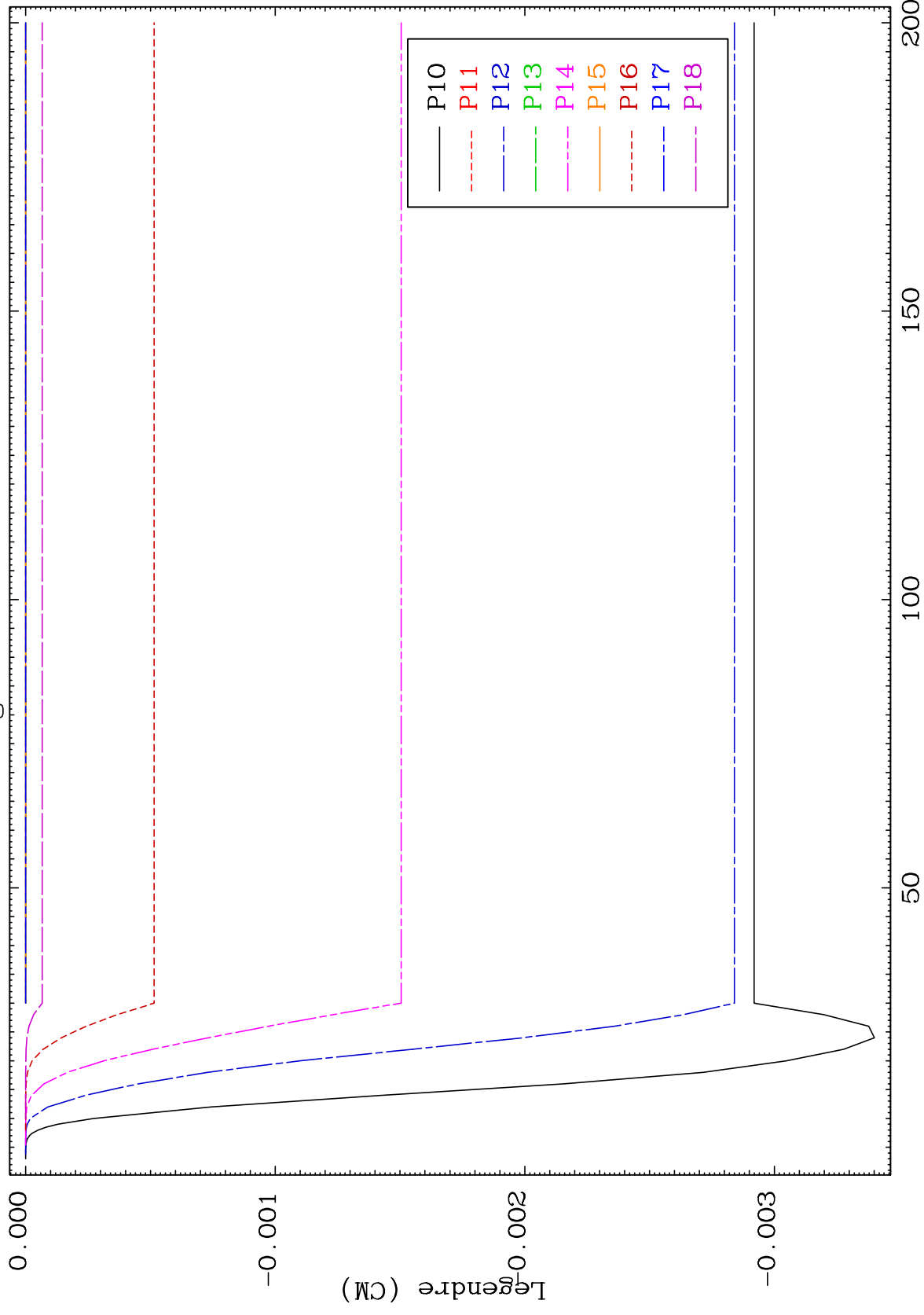
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



117

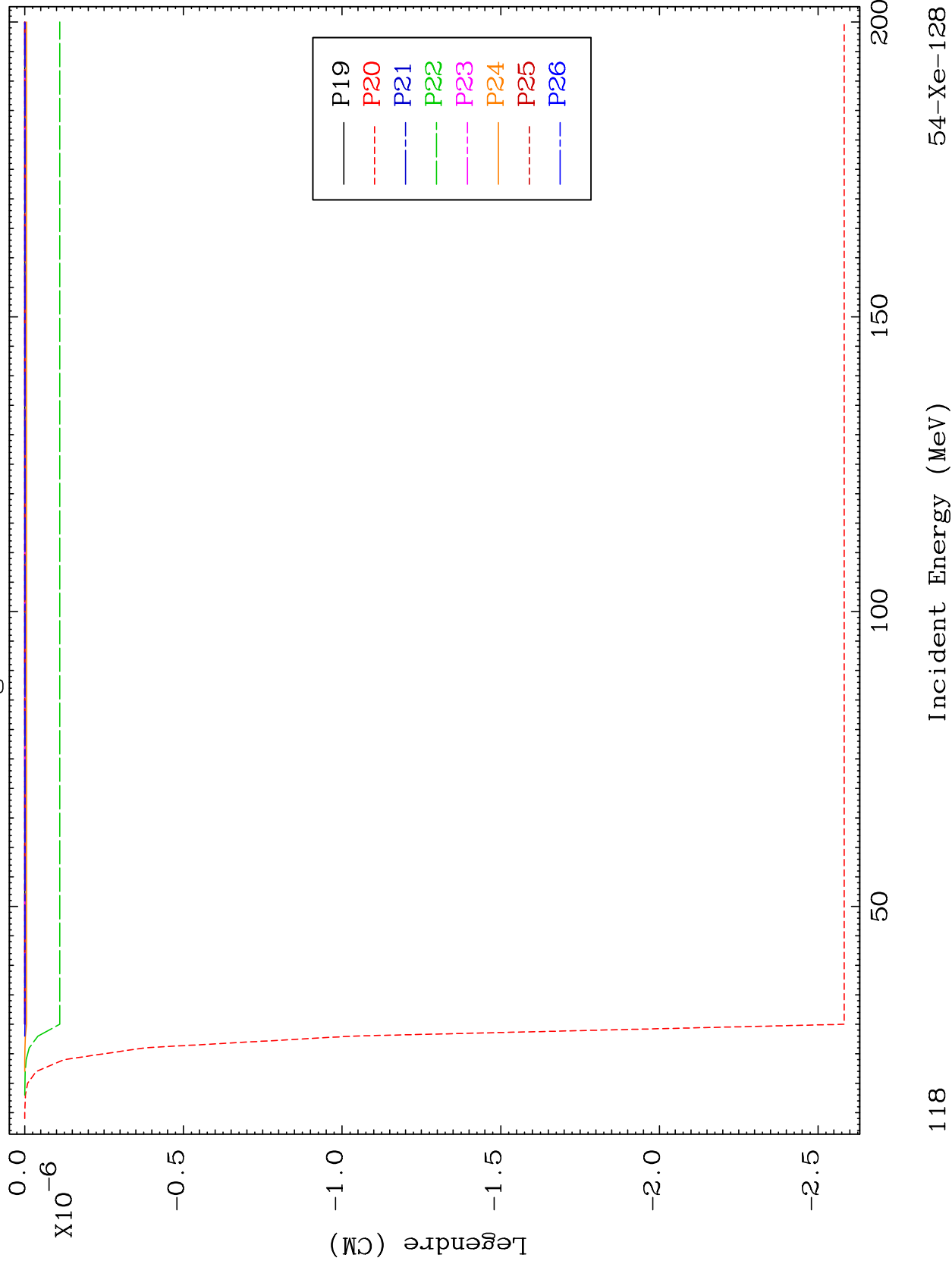
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

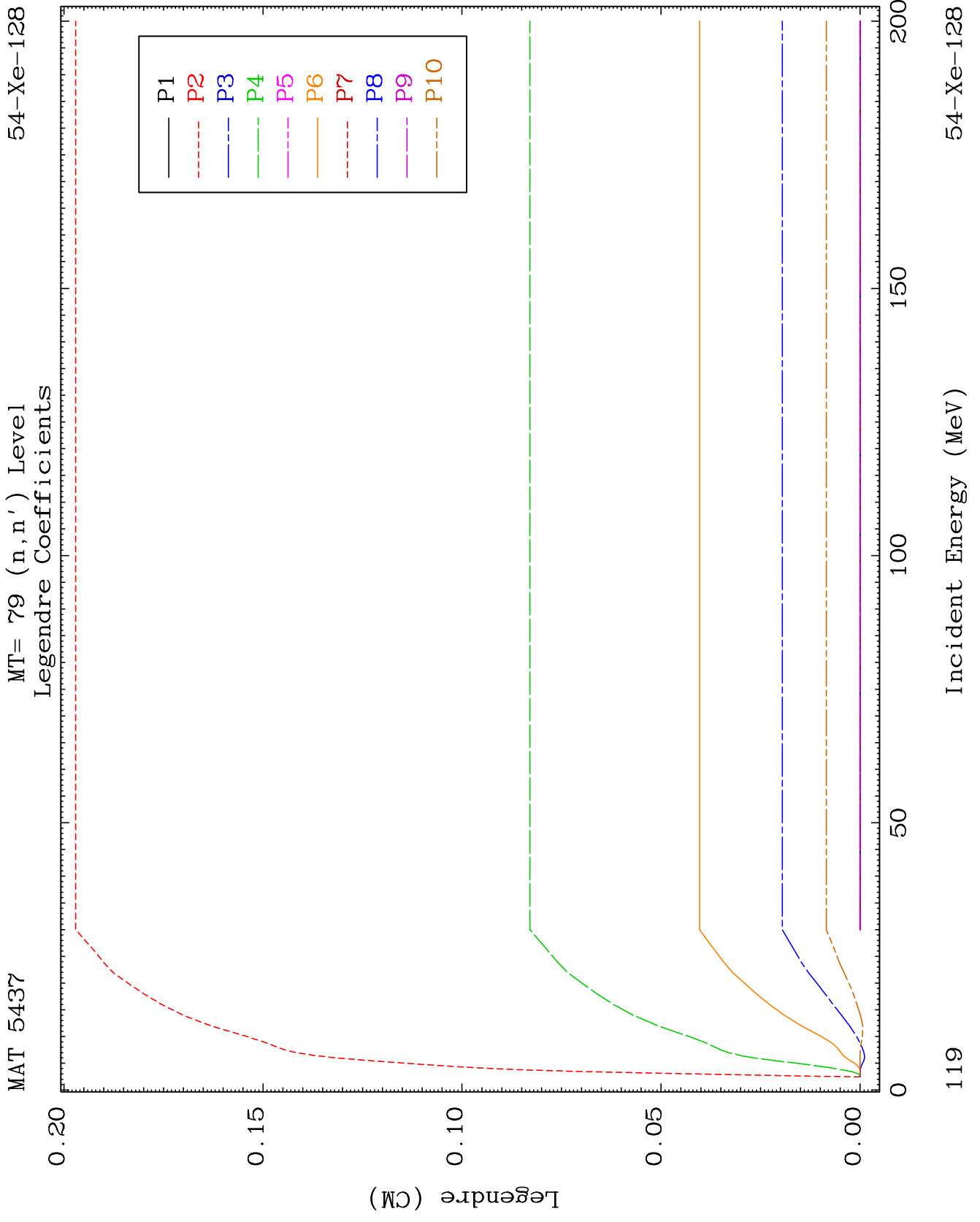
54-Xe-128



118

Incident Energy (MeV)

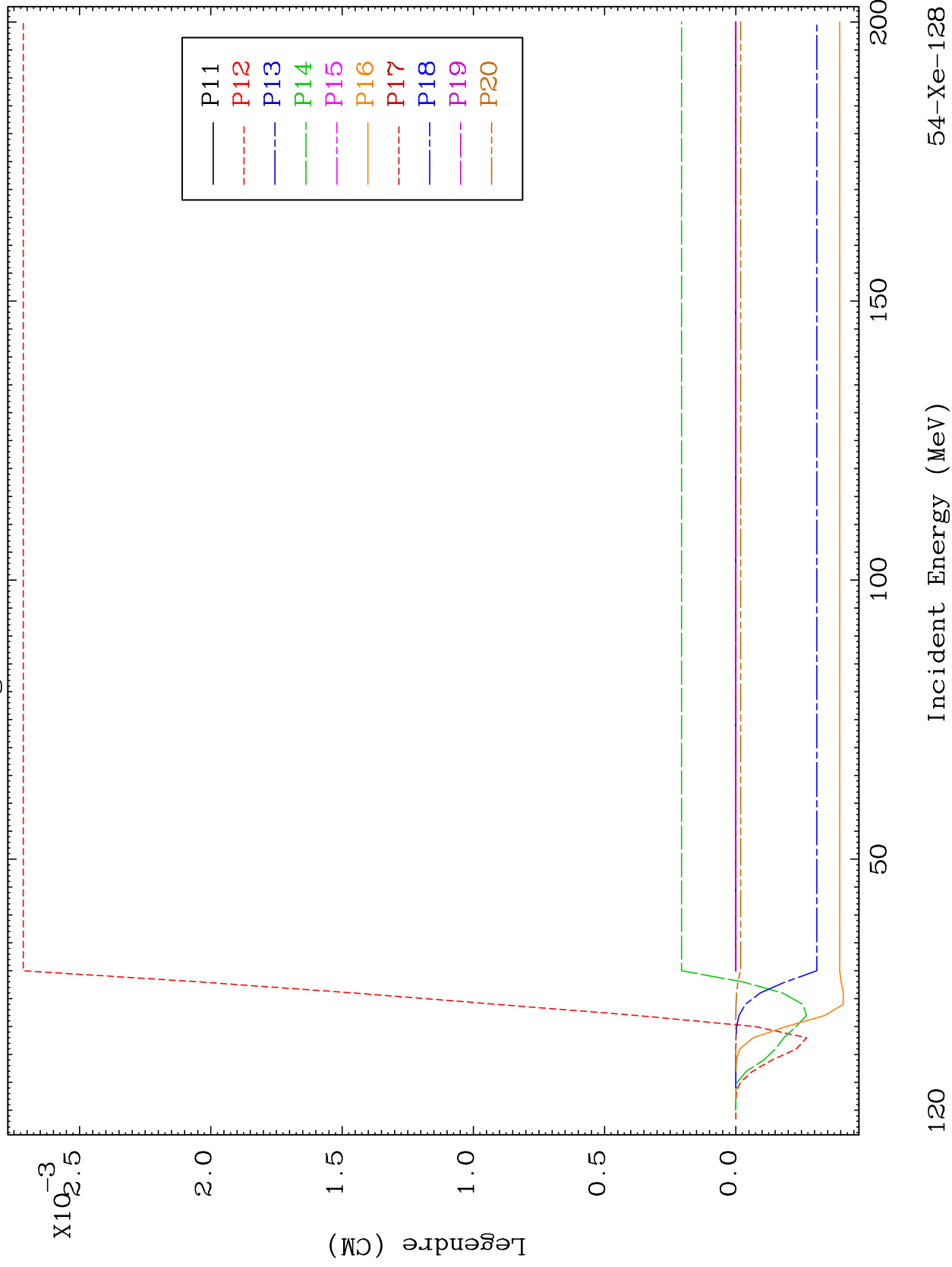
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

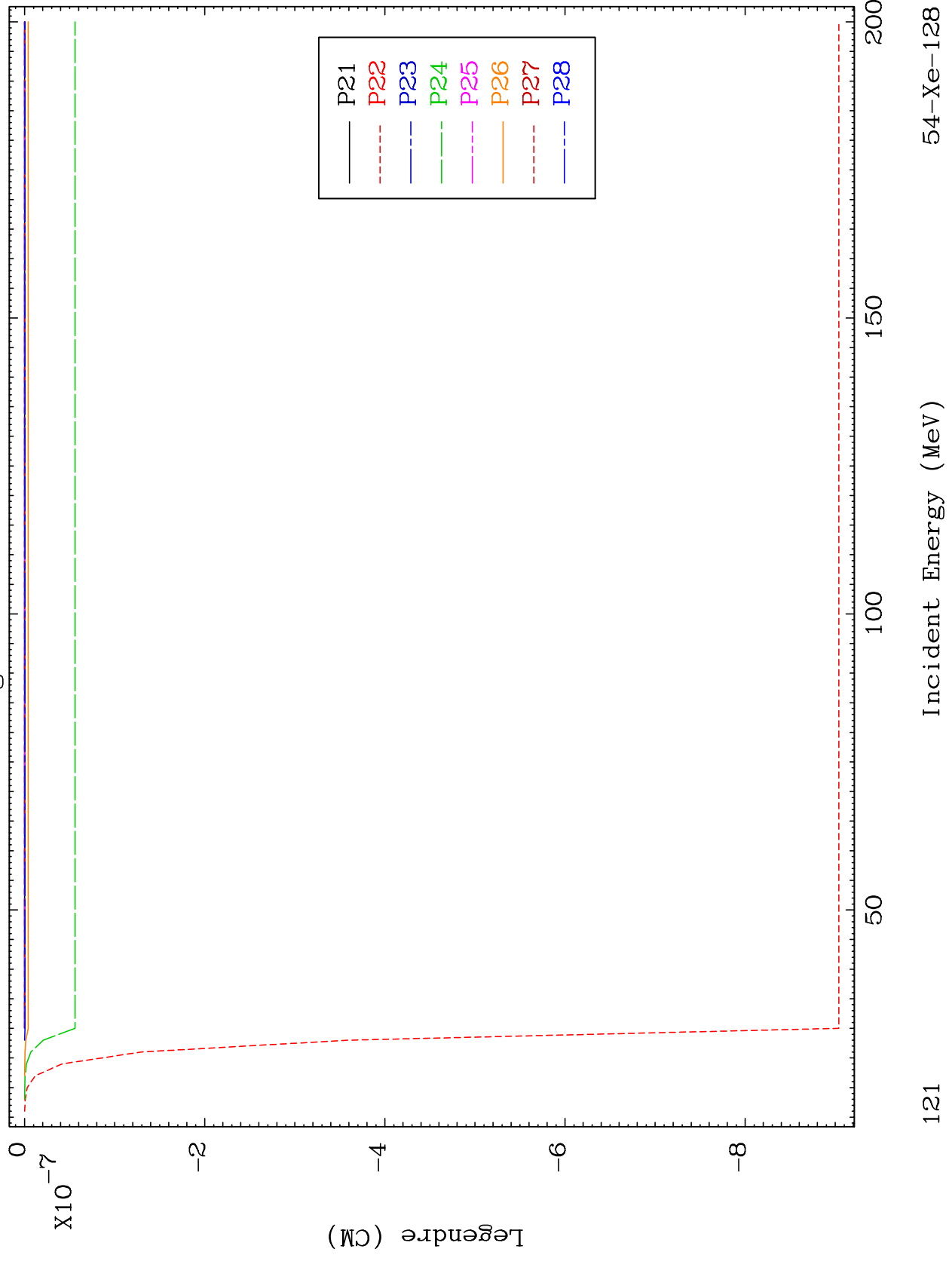
Incident Energy (MeV)

120

MAT 5437

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

54-Xe-128



121

Incident Energy (MeV)

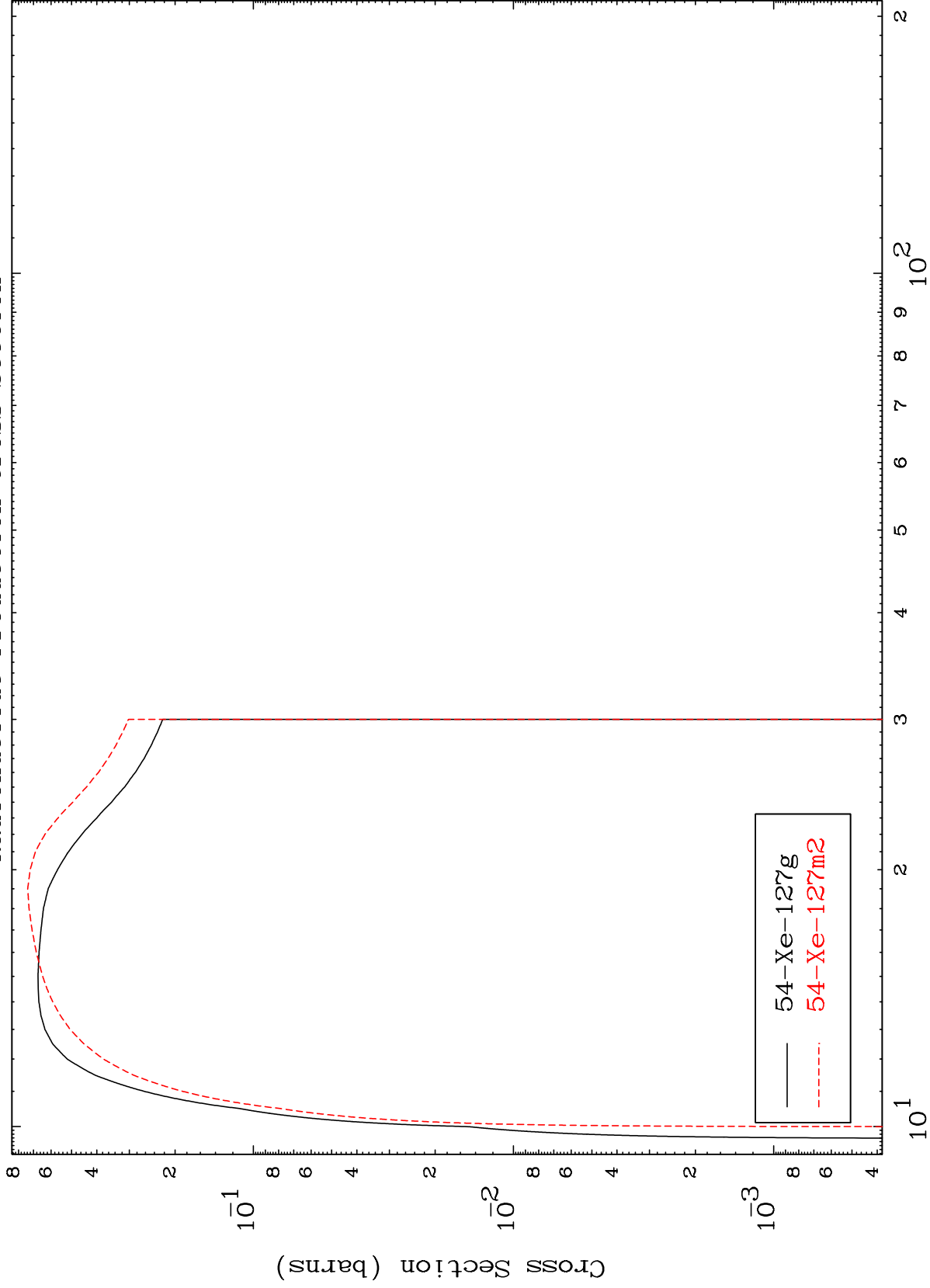
54-Xe-128

MAT 5437

(n,2n)

54-Xe-128

Radionuclide Production Cross Section

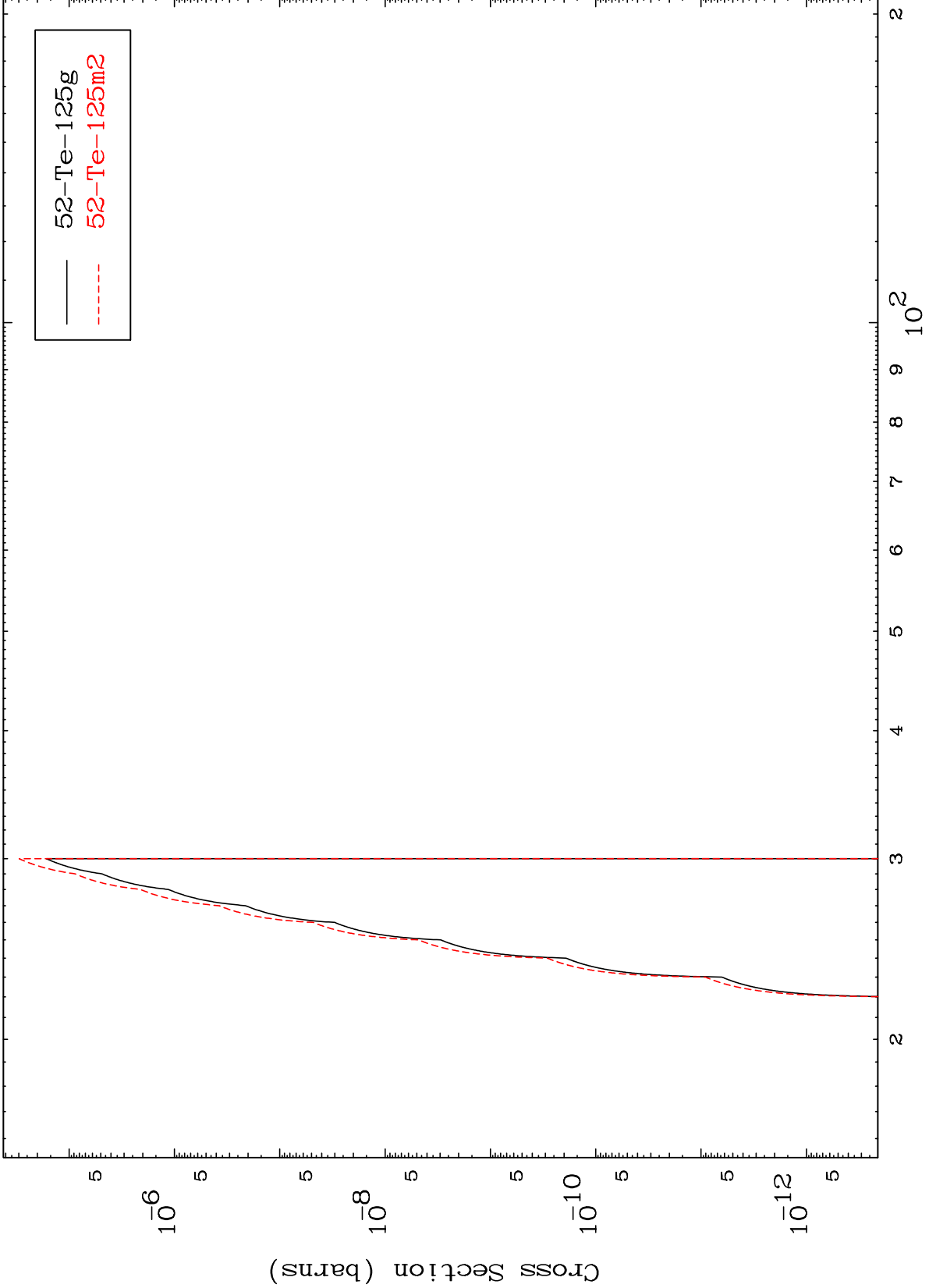


Incident Energy (MeV)

54-Xe-128

122

Radionuclide Production Cross Section

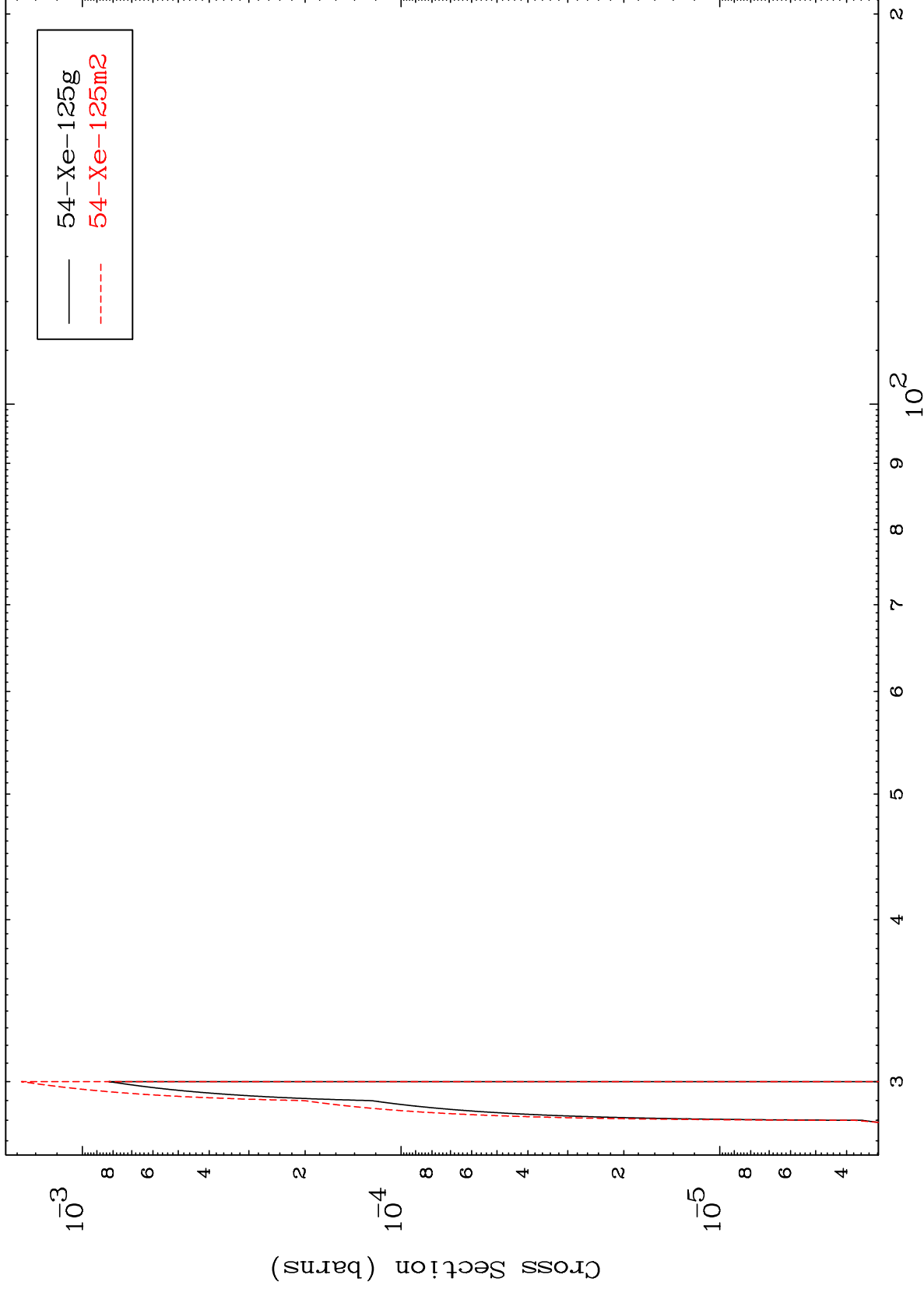


MAT 5437

(n,4n)

54-Xe-128

Radionuclide Production Cross Section



125

Incident Energy (MeV)

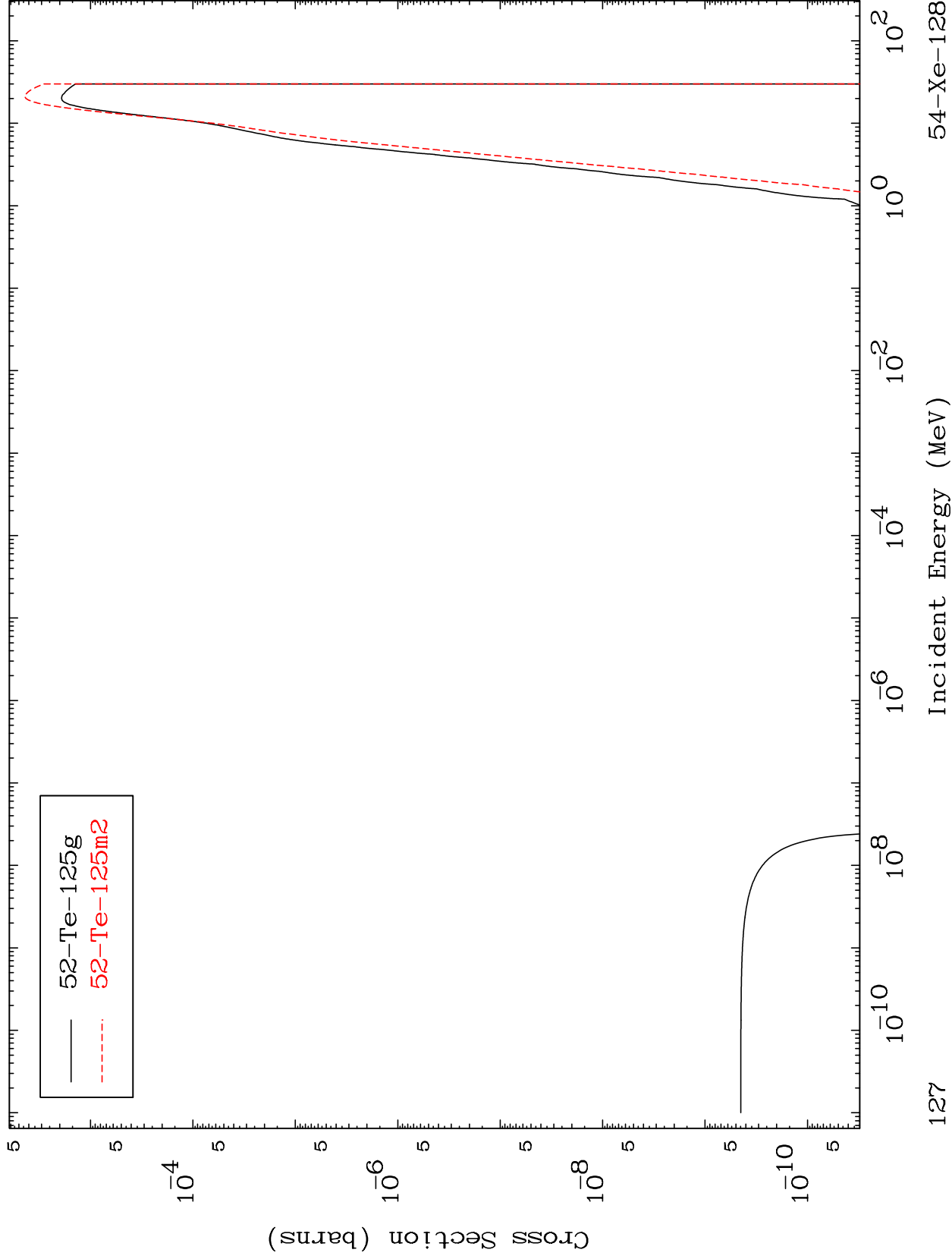
54-Xe-128

MAT 5437

(n, α)

54-Xe-128

Radionuclide Production Cross Section



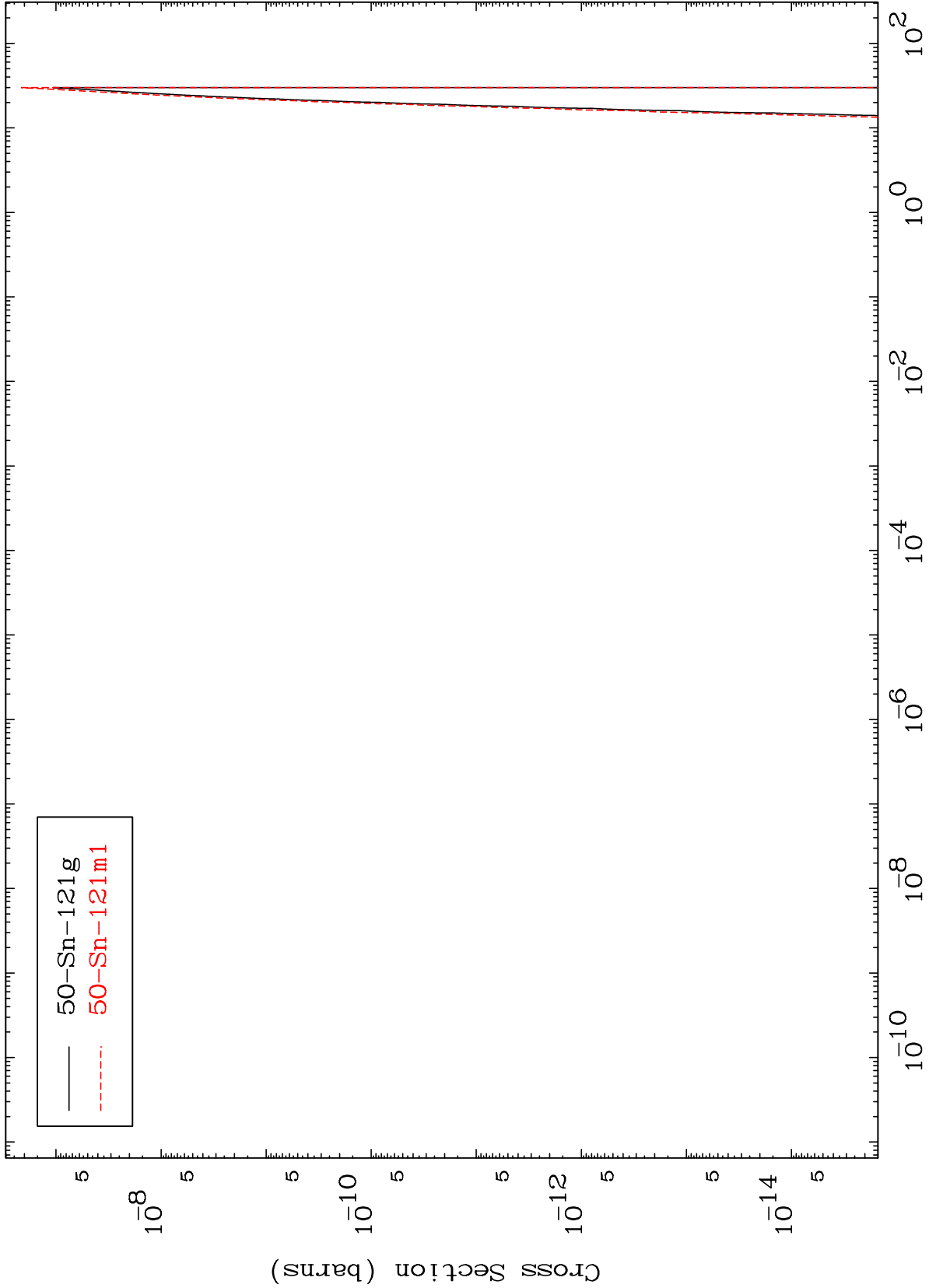
127

MAT 5437

(n,2α)

54-Xe-128

Radionuclide Production Cross Section



50-Sn-121g
50-Sn-121m1

128

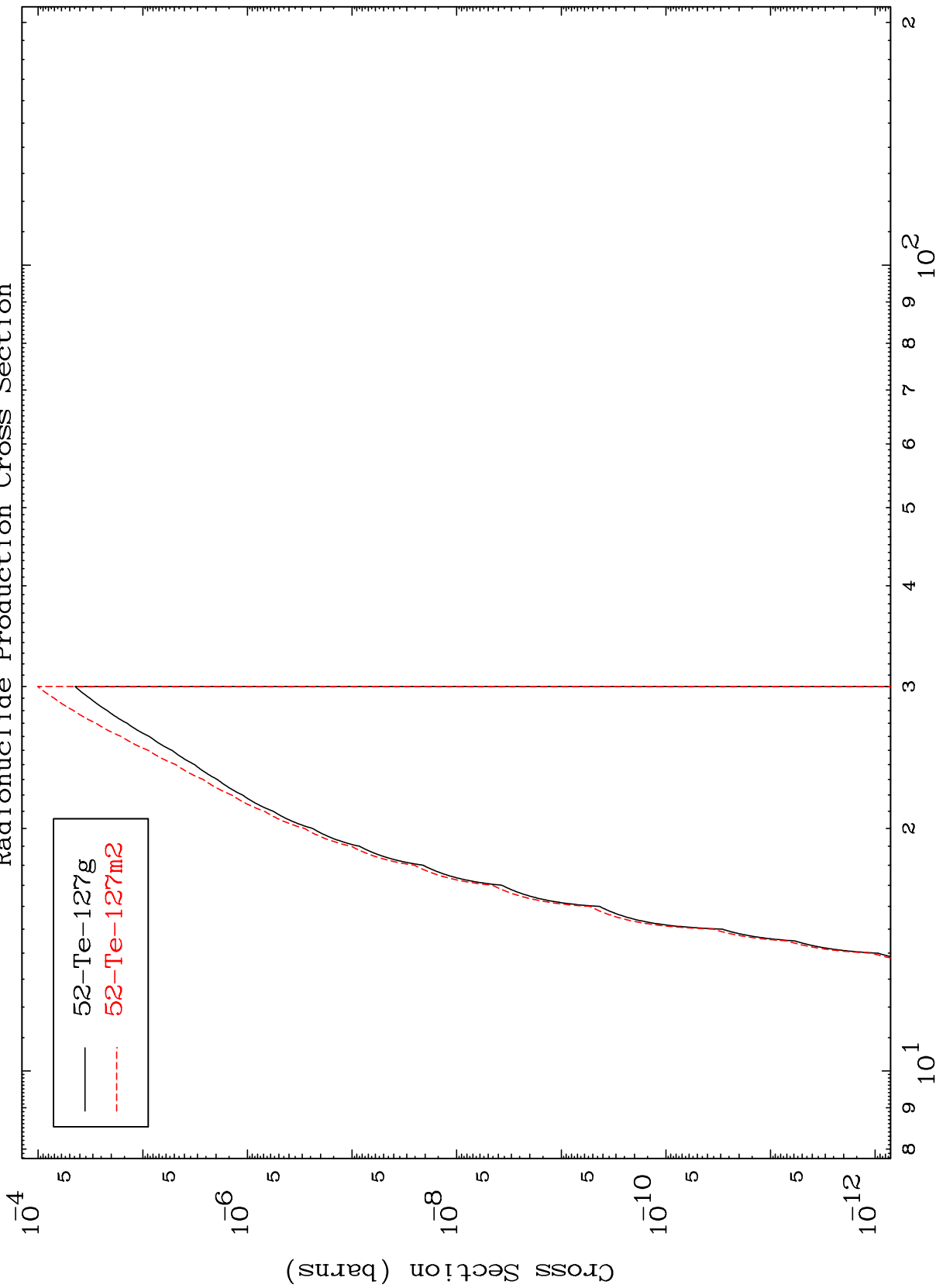
Incident Energy (MeV)

54-Xe-128

MAT 5437

54-Xe-128

Radionuclide Production Cross Section
(n,2p)



129

Incident Energy (MeV)

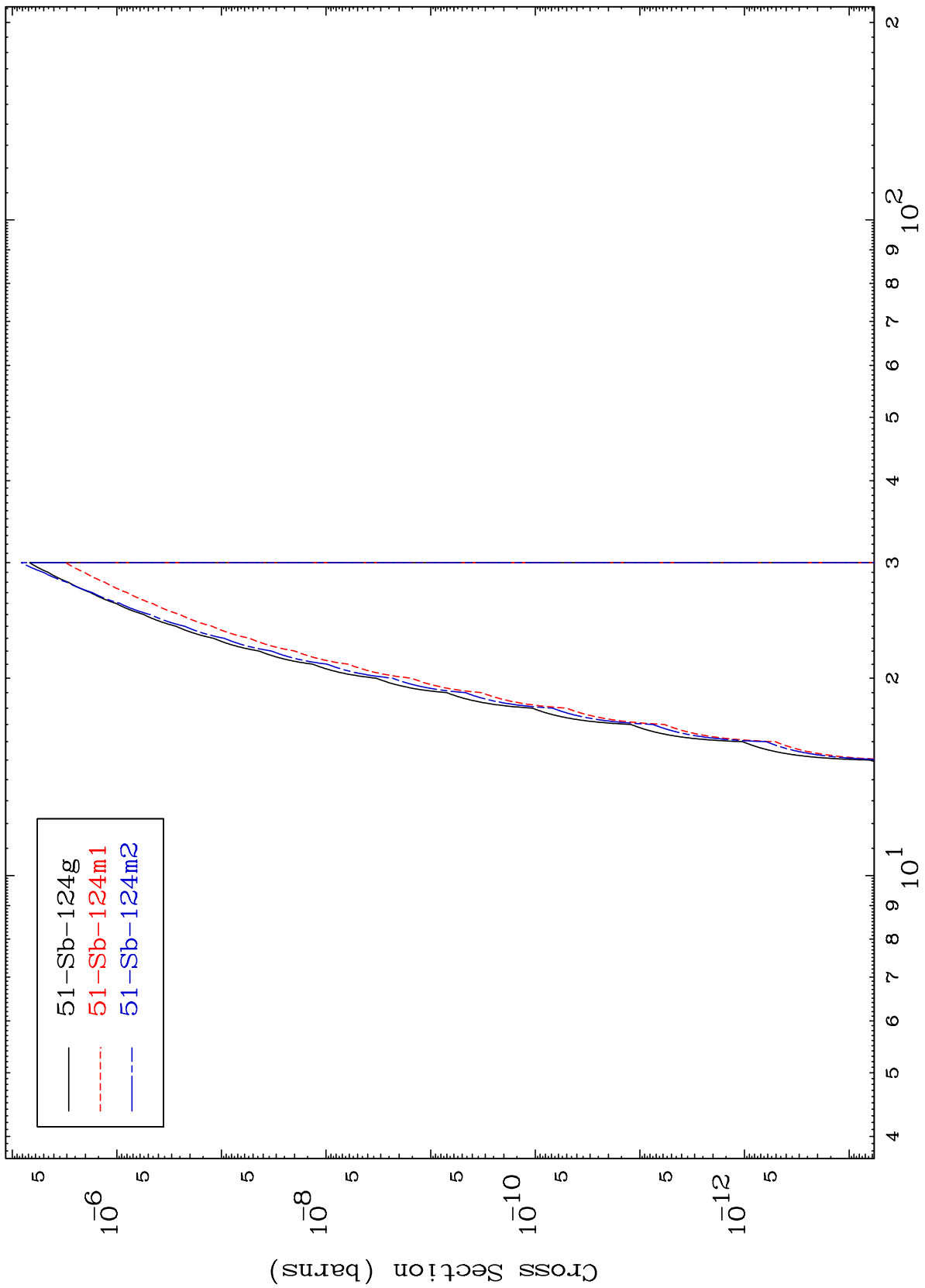
54-Xe-128

MAT 5437

(n,p) α

54-Xe-128

Radionuclide Production Cross Section



130

Incident Energy (MeV)

54-Xe-128

