

Program EVALPLOT
(Version 2021-1)

by

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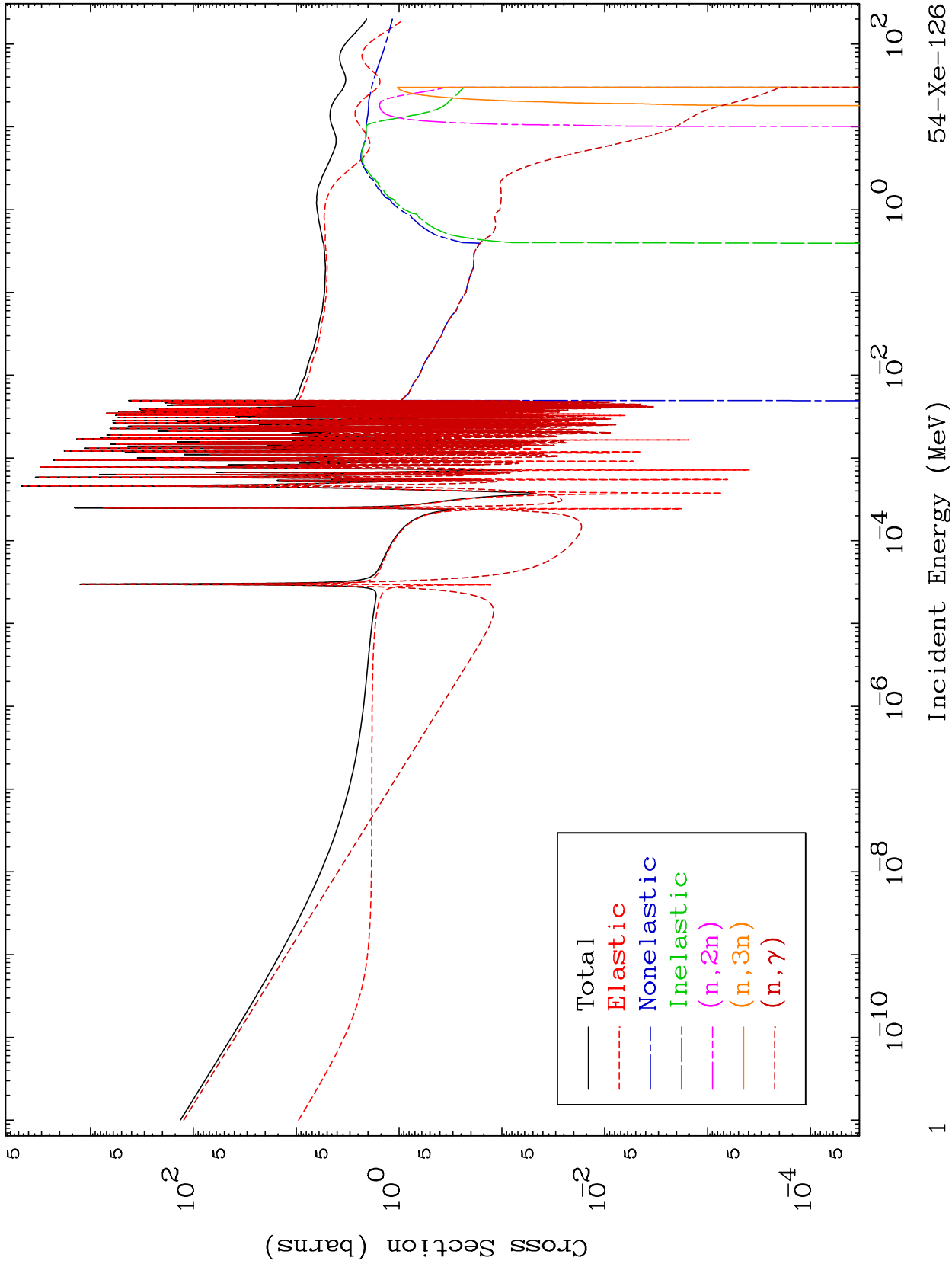
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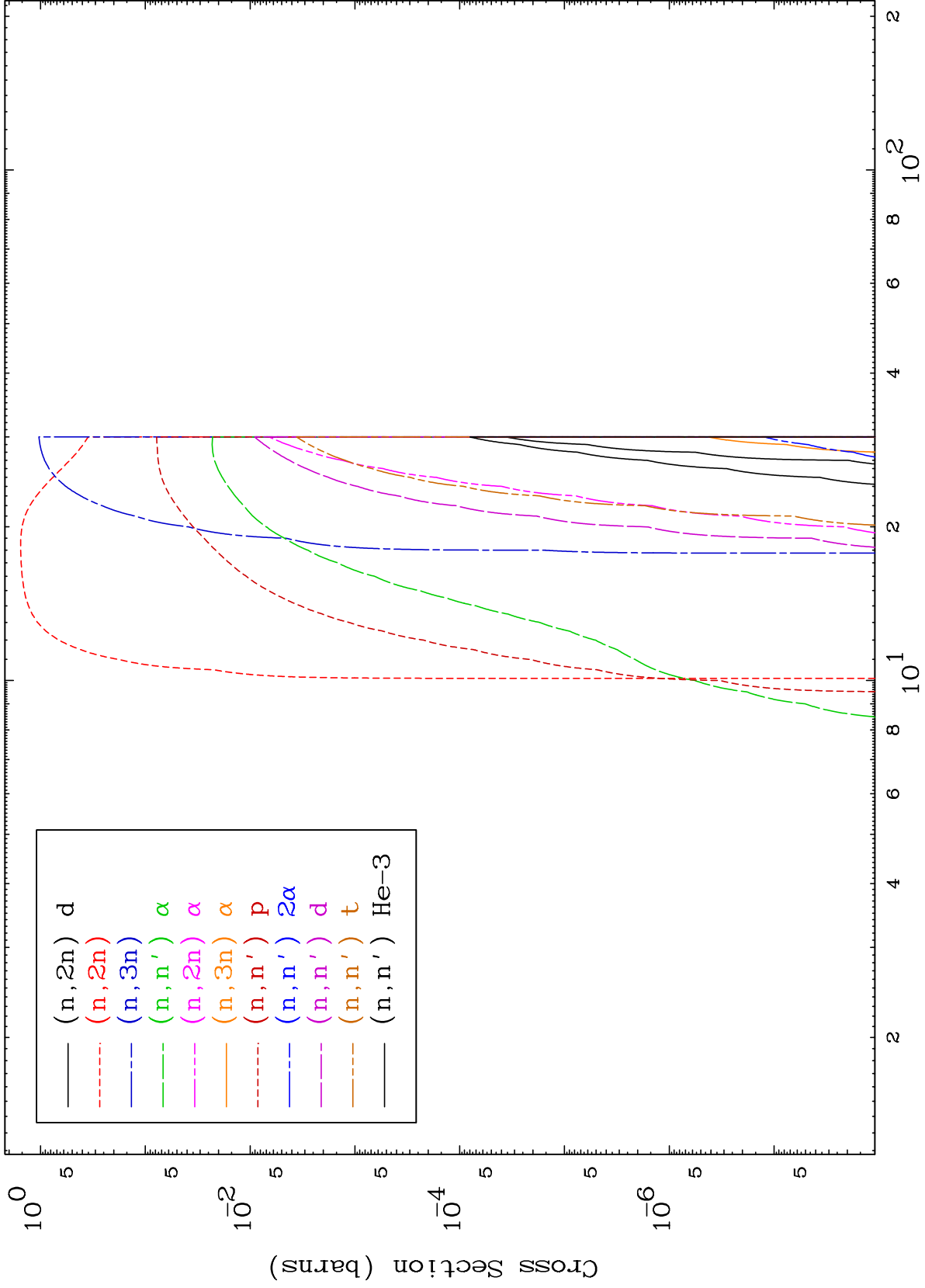
Press Mouse Button to Start

MAT 5431

Neutron Major
293 Kelvin Cross Sections

54-Xe-126

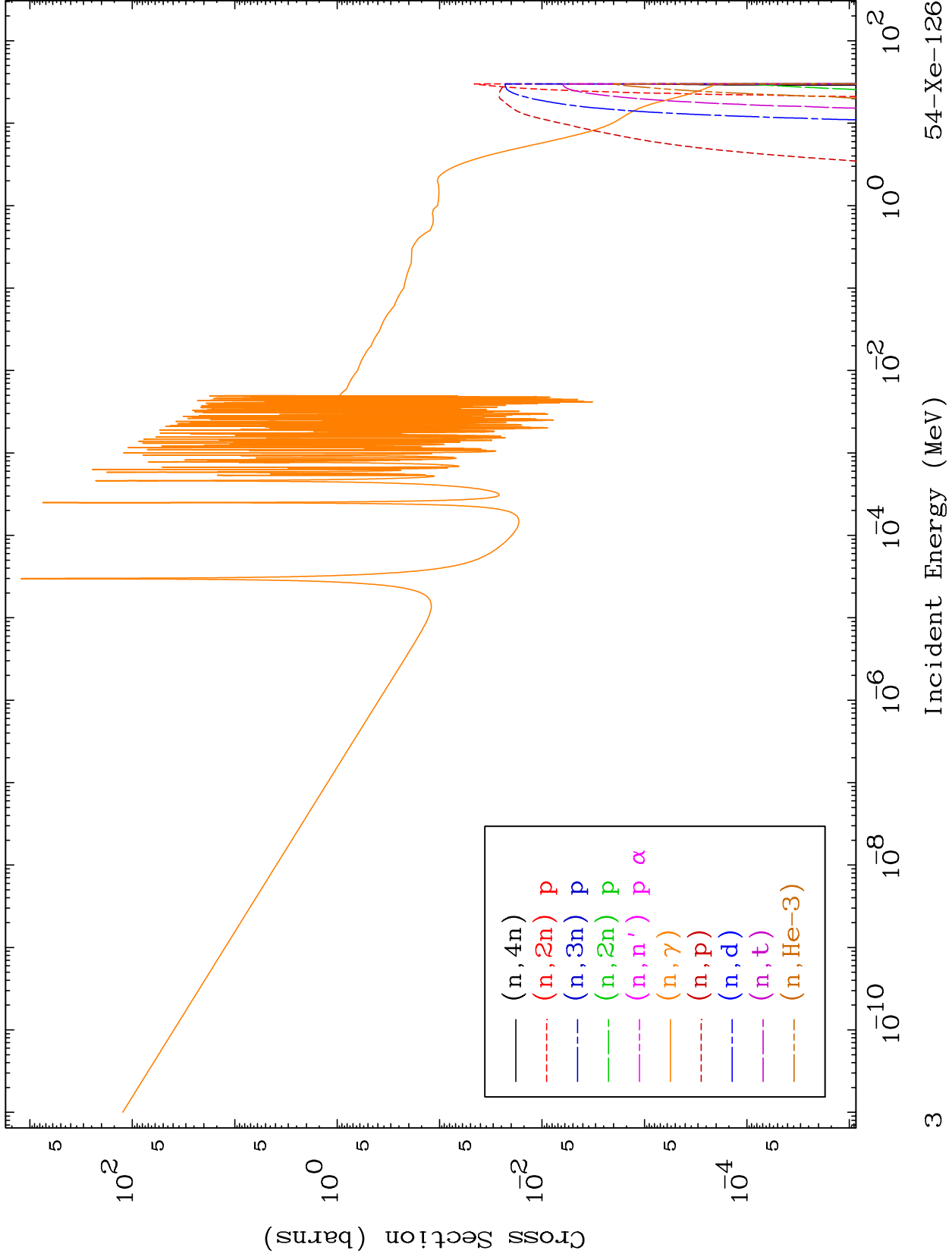




MAT 5431

Neutron Absorption
293 Kelvin Cross Sections

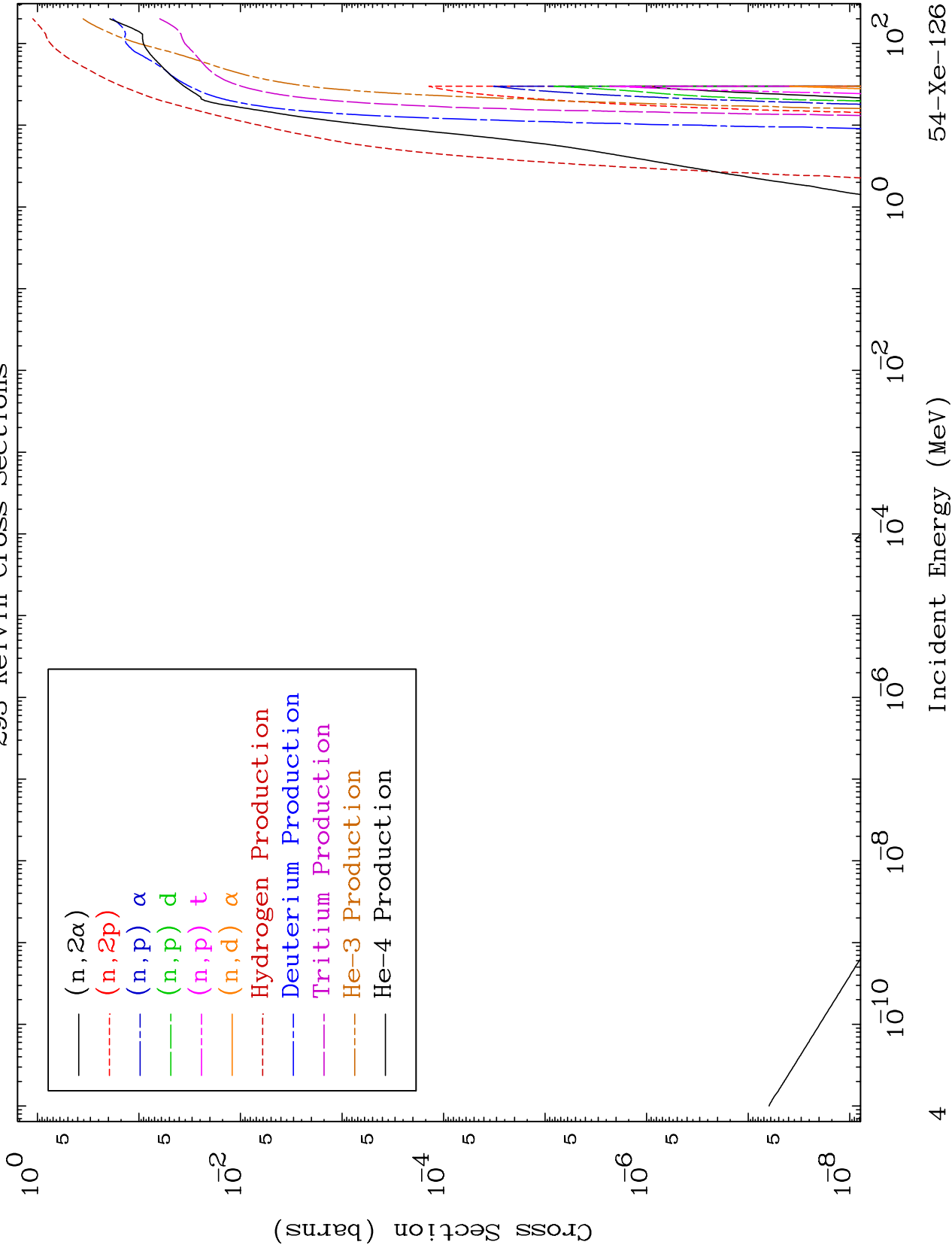
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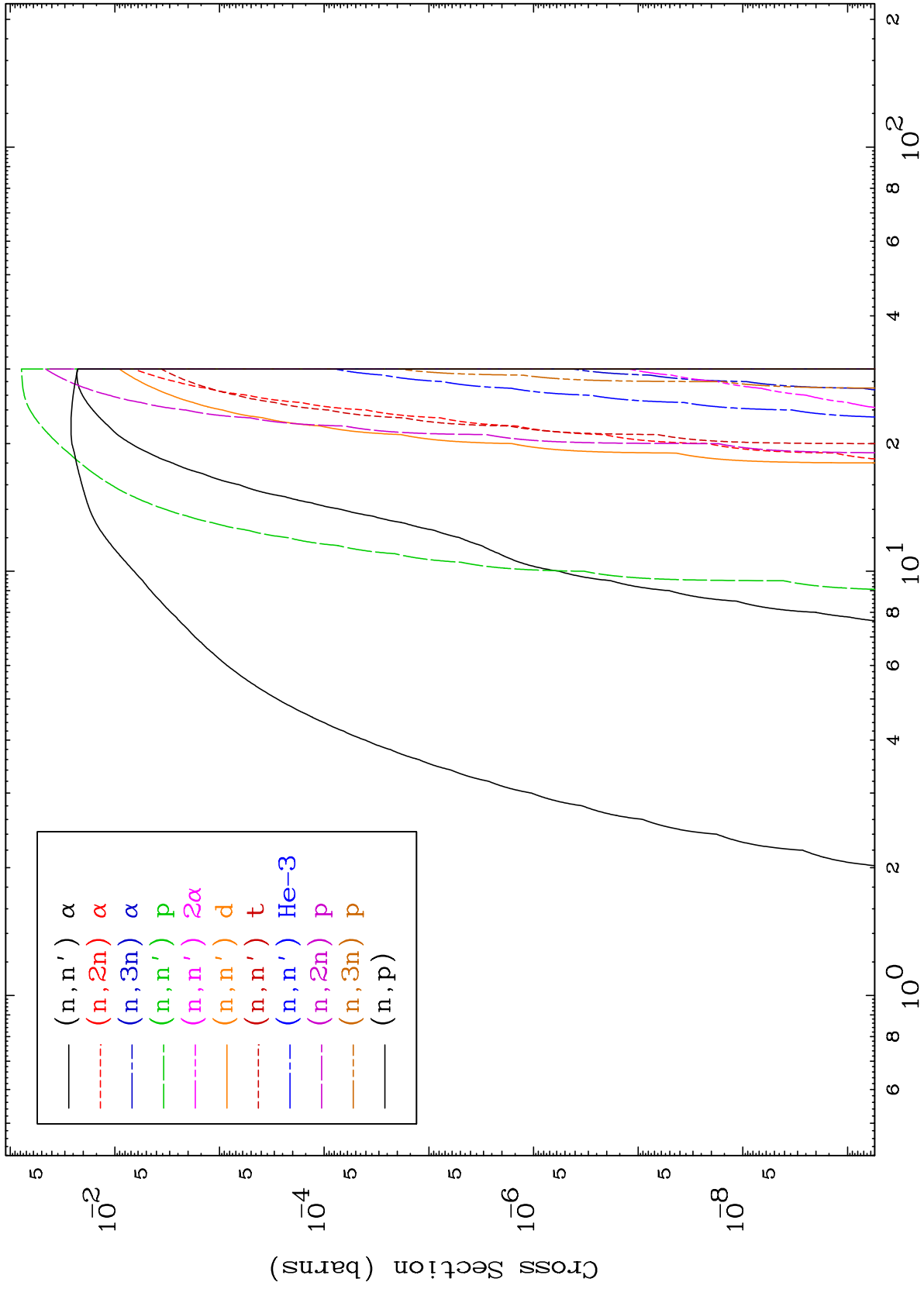


MAT 5431

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-126

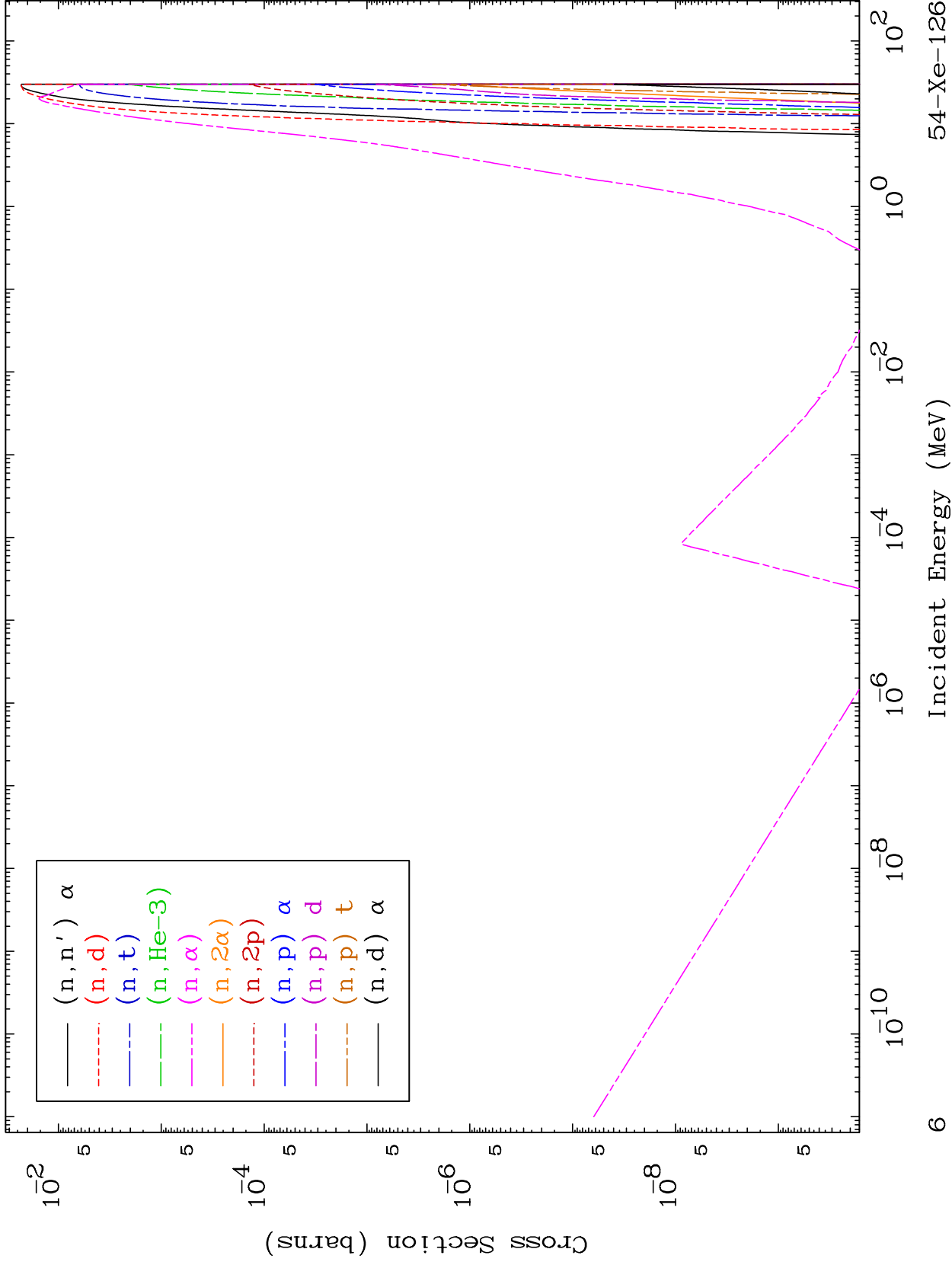




MAT 5431

Charged Particle
293 Kelvin Cross Sections

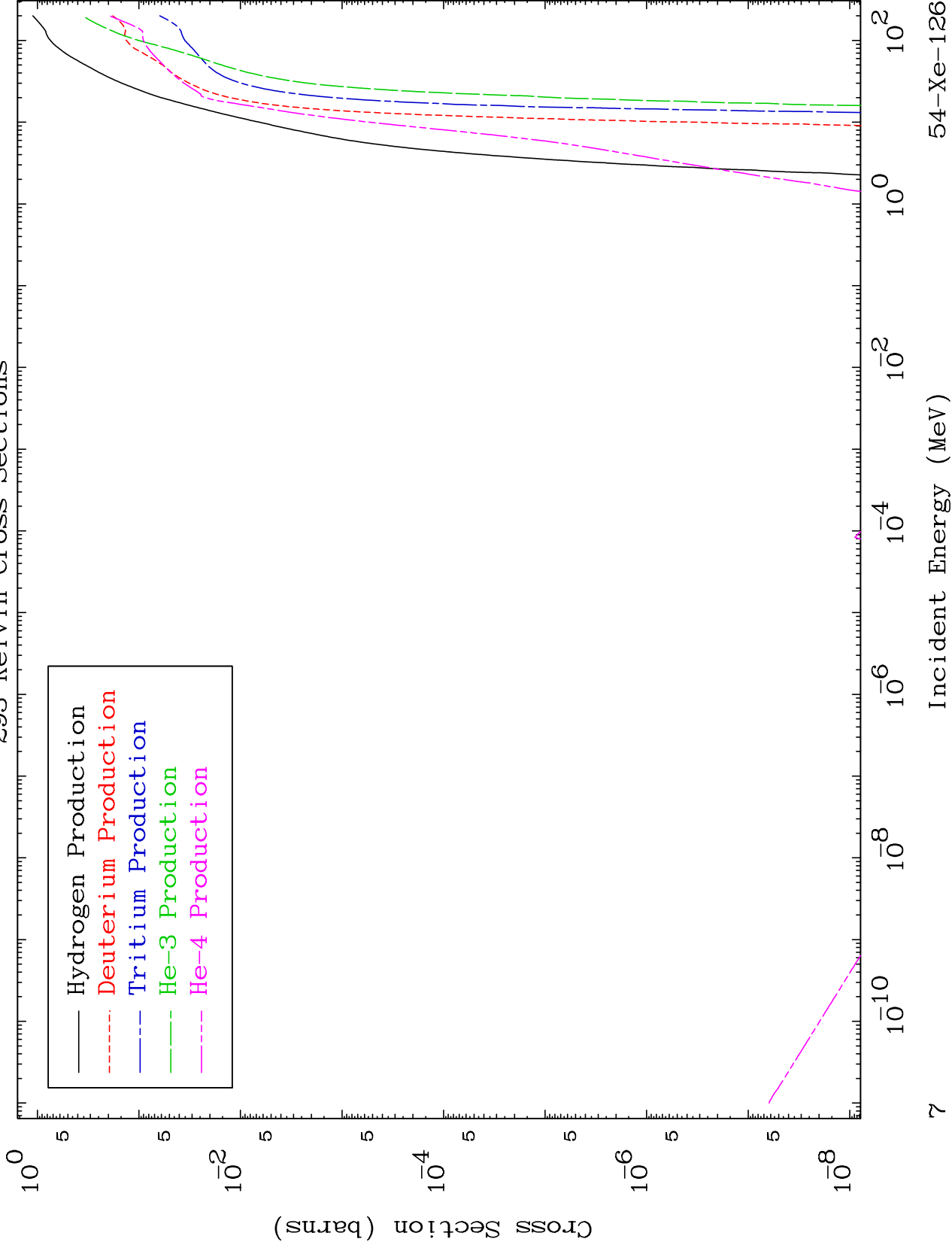
54-Xe-126



MAT 5431

Particle Production
293 Kelvin Cross Sections

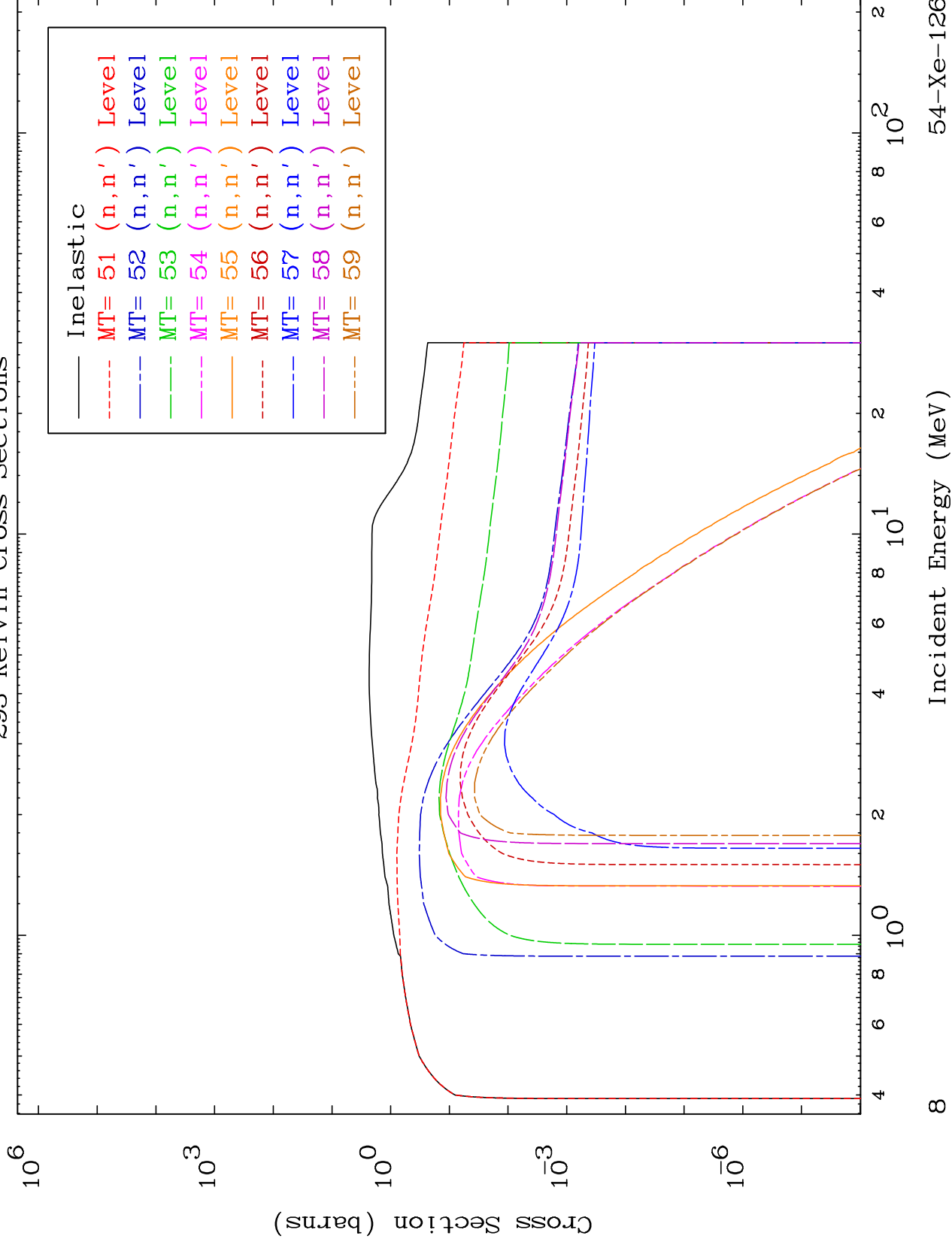
54-Xe-126



MAT 5431

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-126



8

Incident Energy (MeV)

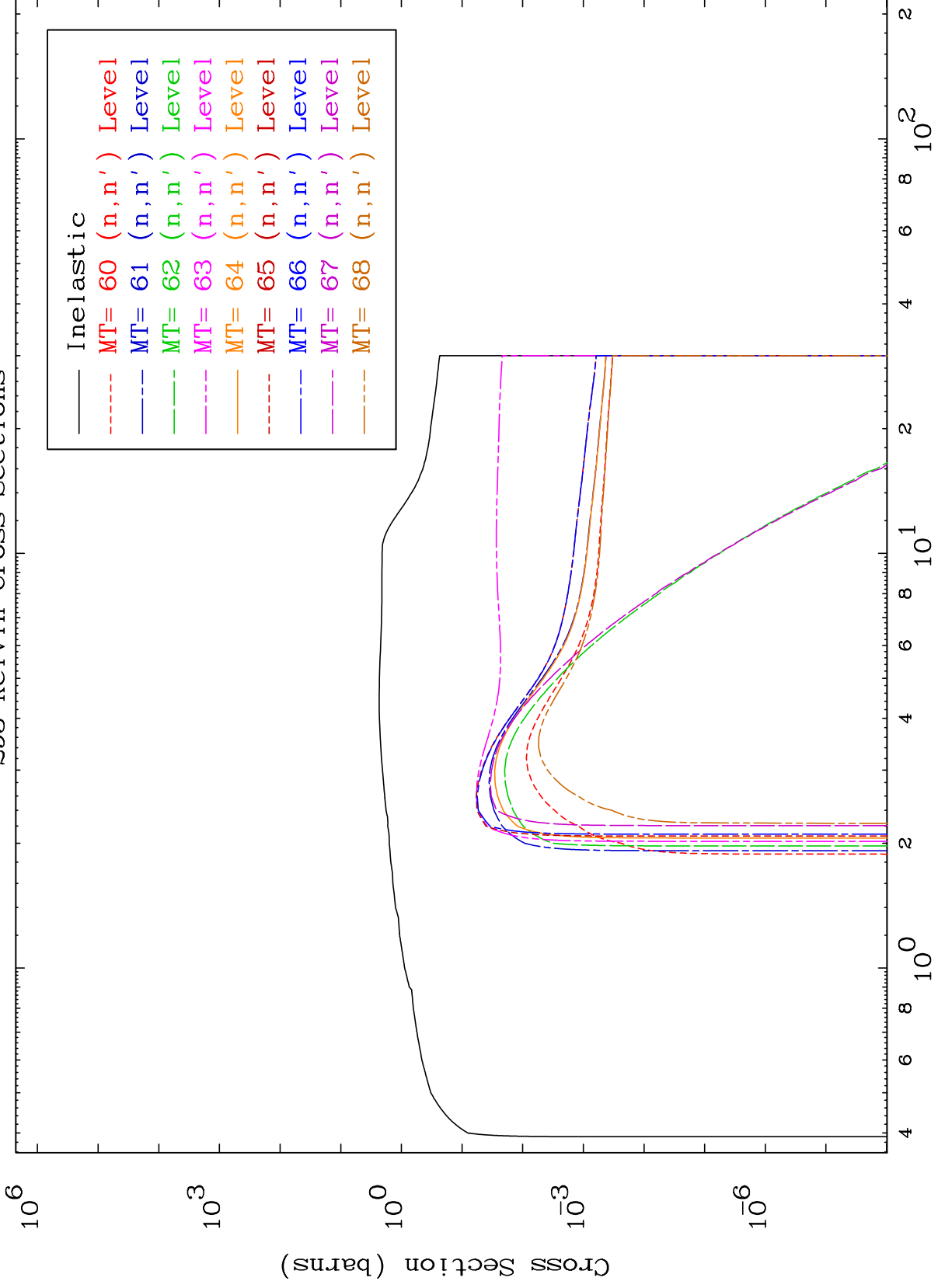
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MAT 5431

(n,n') Levels

54-Xe-126

293 Kelvin Cross Sections



9

Incident Energy (MeV)

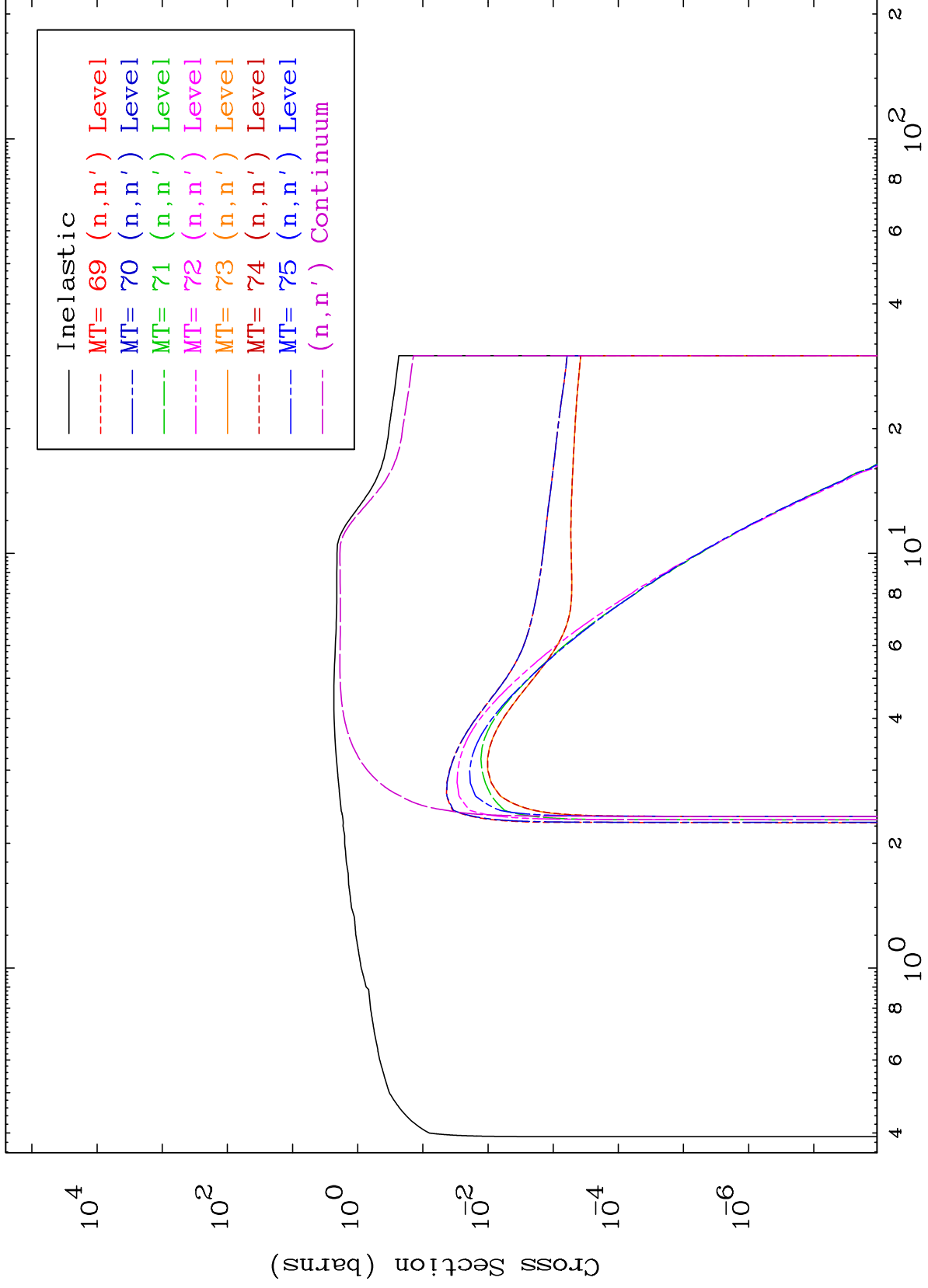
54-Xe-126

MAT 5431

(n,n') Levels

293 Kelvin Cross Sections

54-Xe-126



10

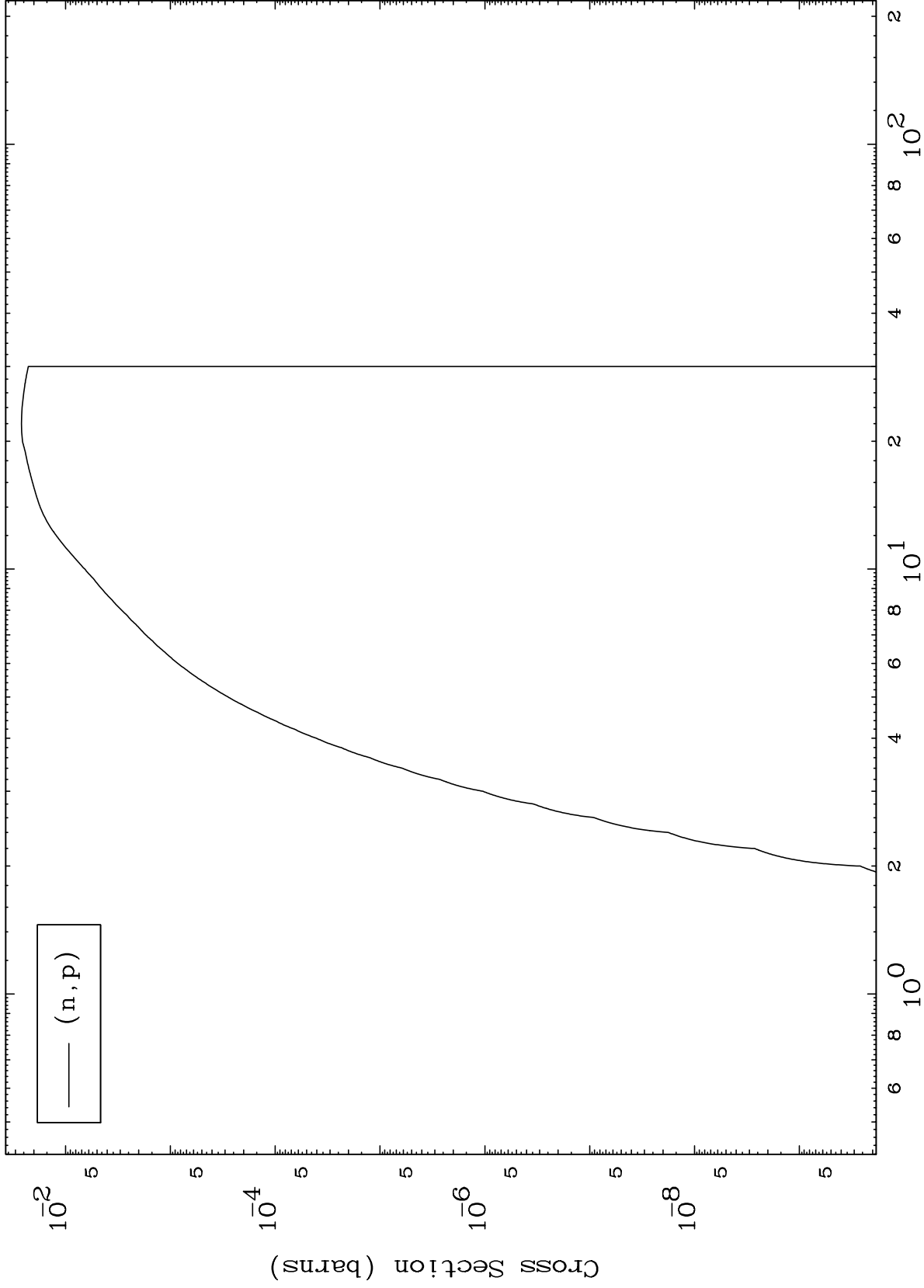
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,p) Levels
293 Kelvin Cross Sections

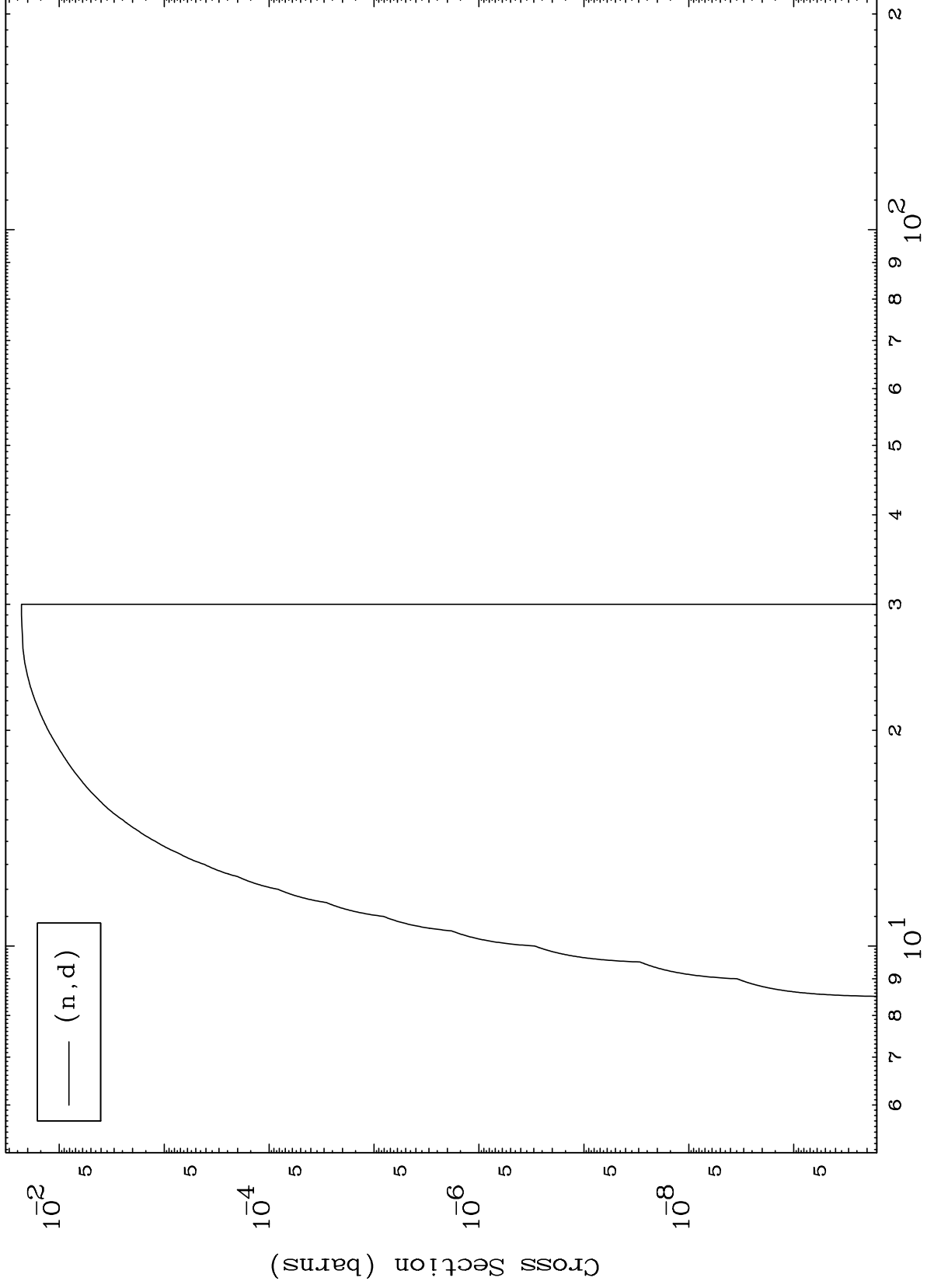
54-Xe-126



MAT 5431

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-126



12

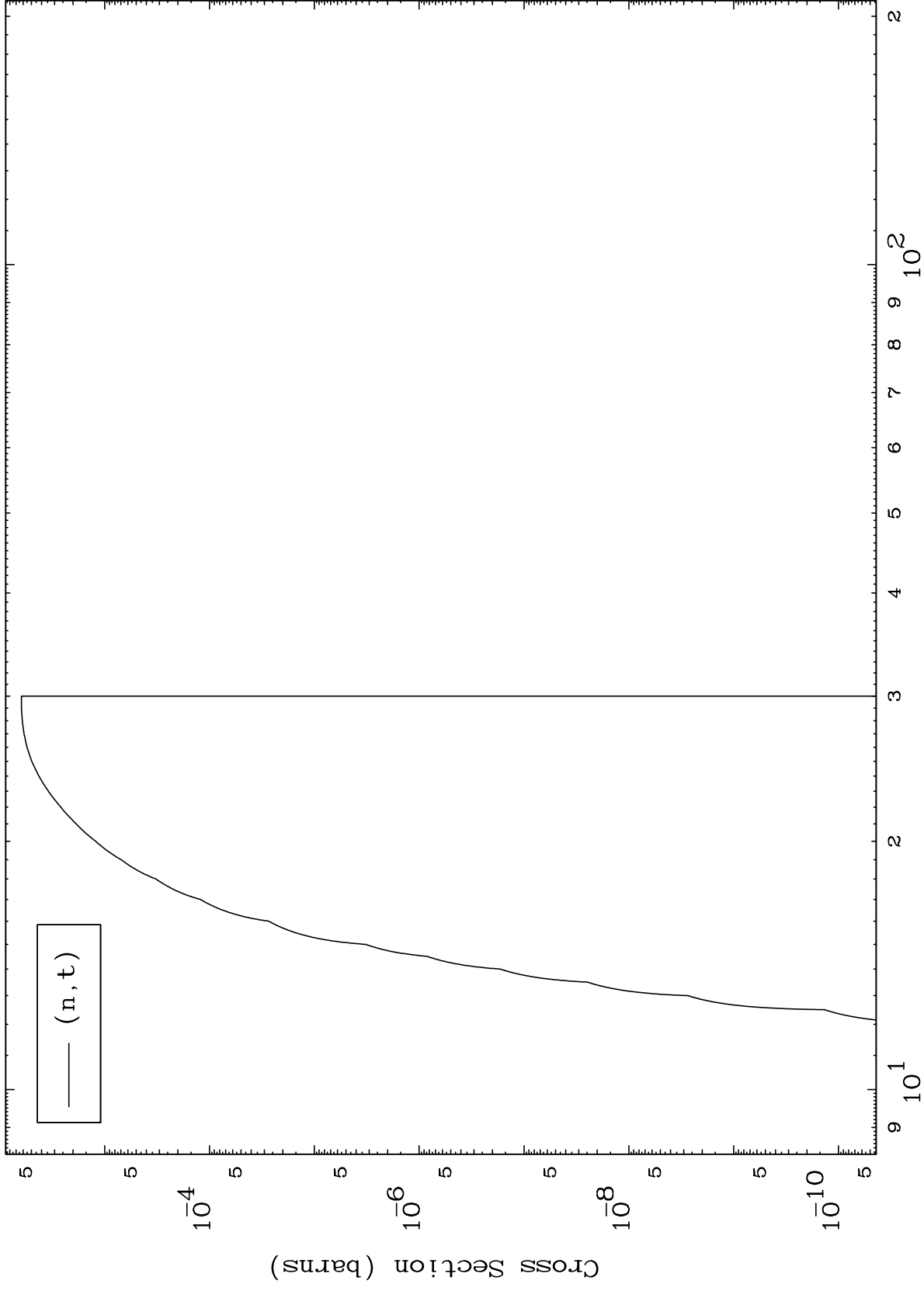
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,t) Levels
293 Kelvin Cross Sections

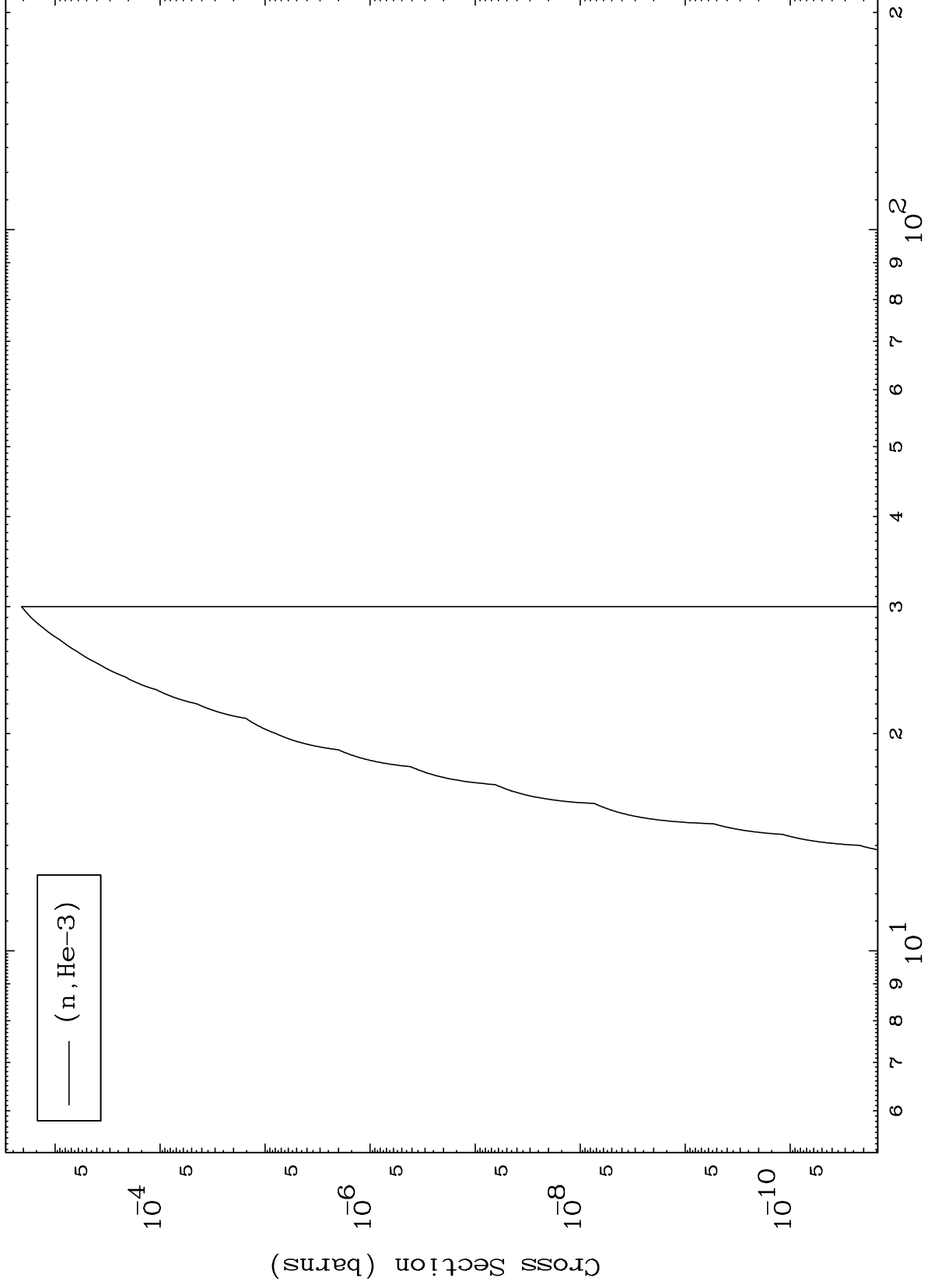
54-Xe-126



13

Incident Energy (MeV)

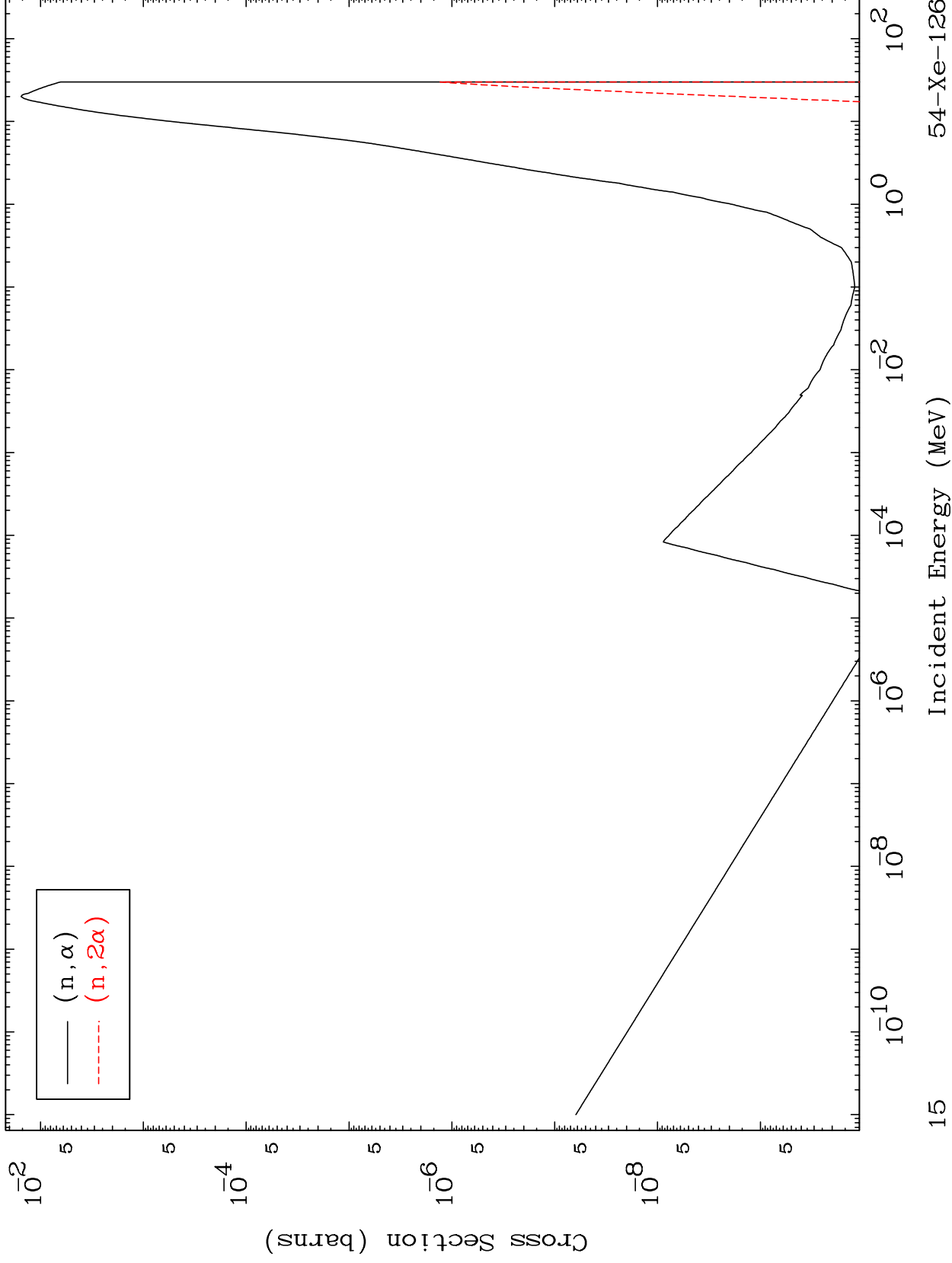
54-Xe-126



MAT 5431

(n, α) Levels
293 Kelvin Cross Sections

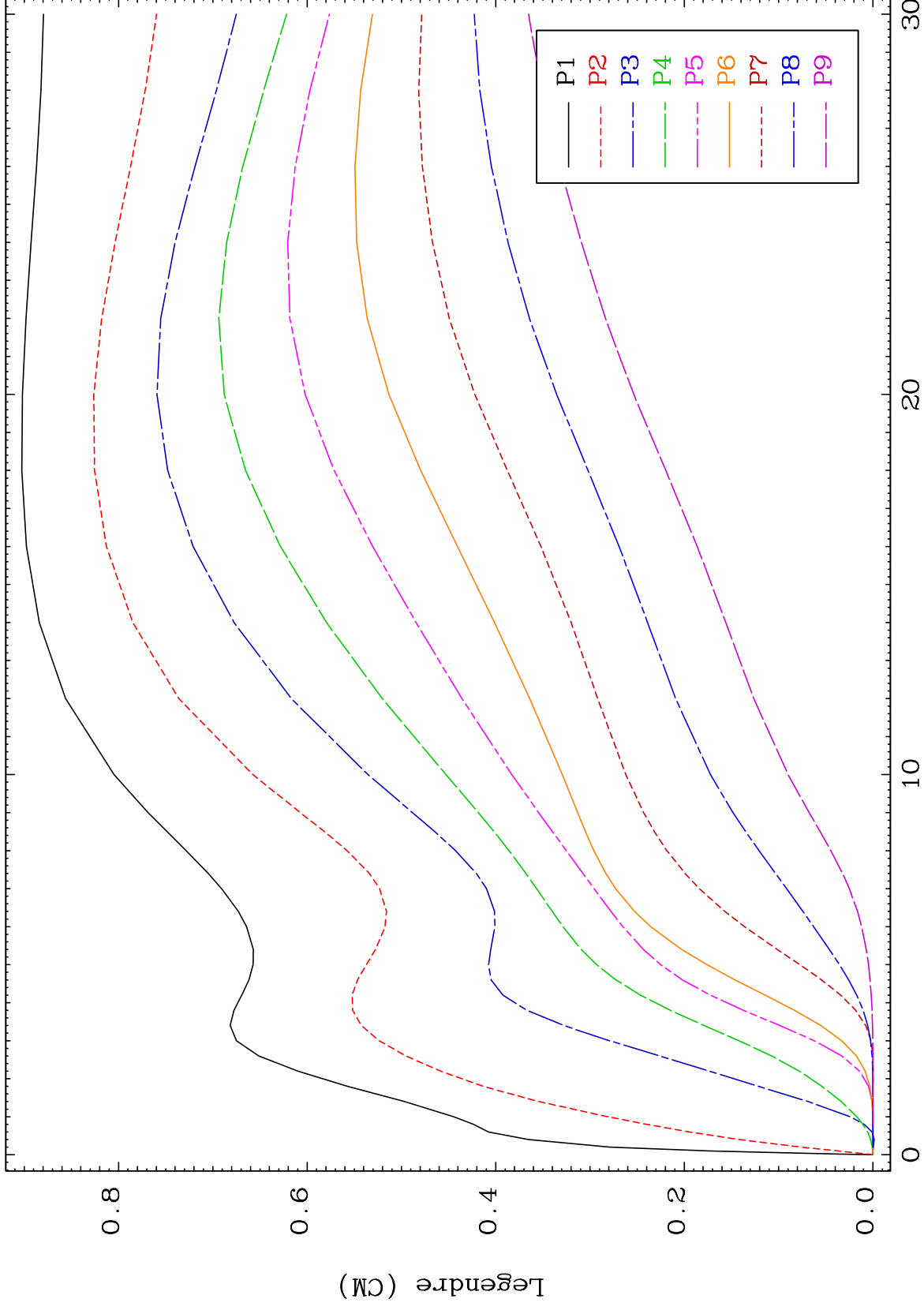
54-Xe-126



MAT 5431

54-Xe-126

Elastic Legendre Coefficients



54-Xe-126

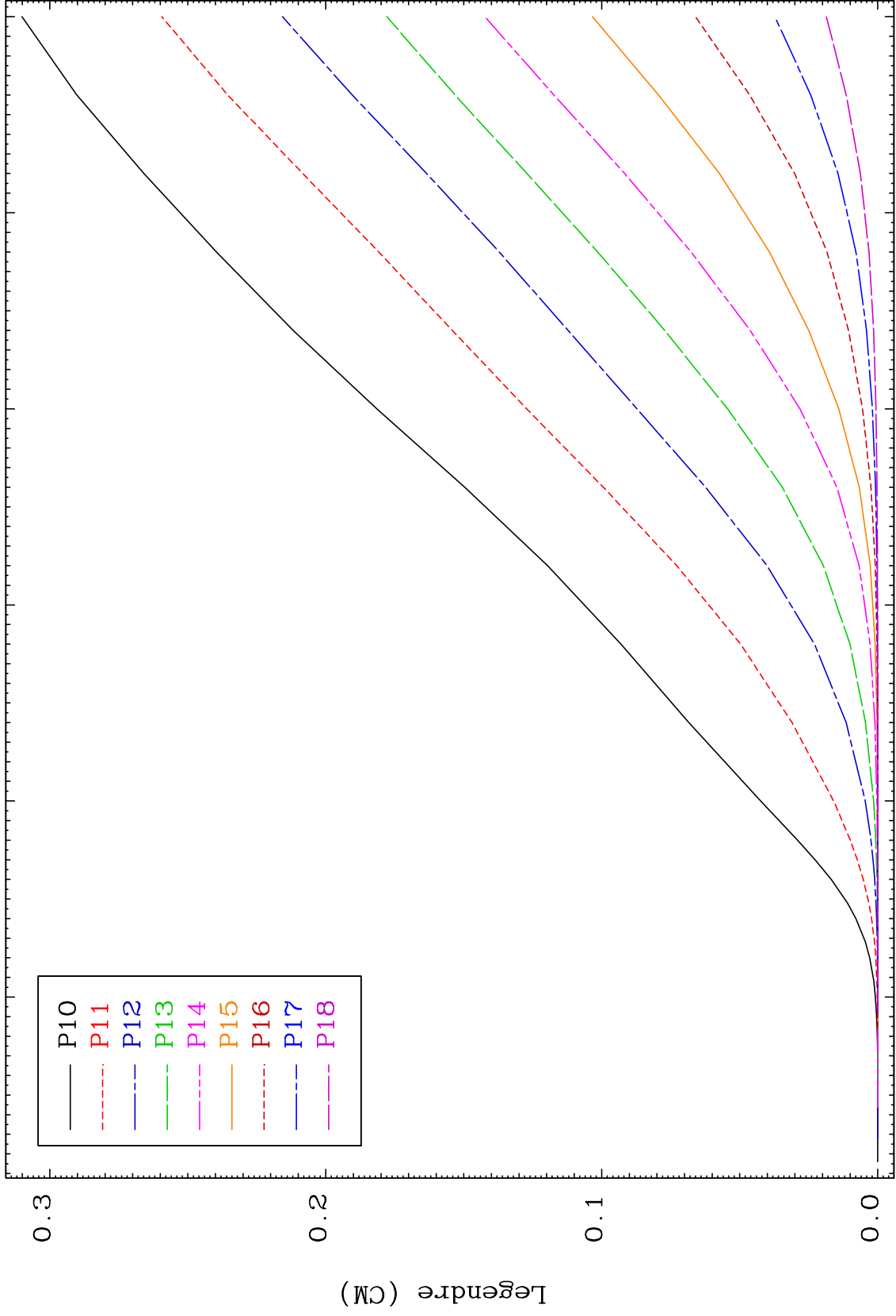
Incident Energy (MeV)

16

MAT 5431

Elastic Legendre Coefficients

54-Xe-126



17

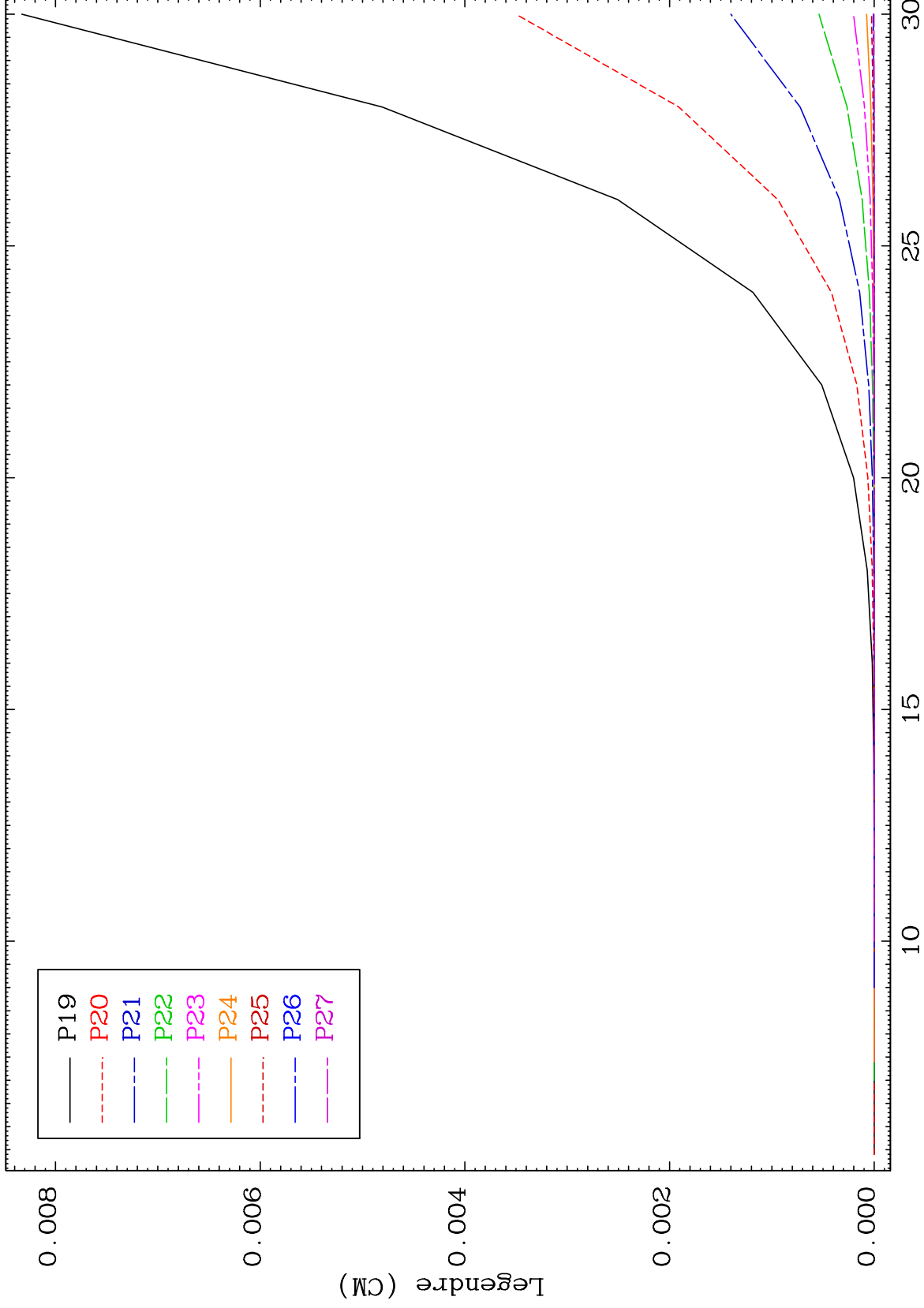
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic
Legendre Coefficients

54-Xe-126



18

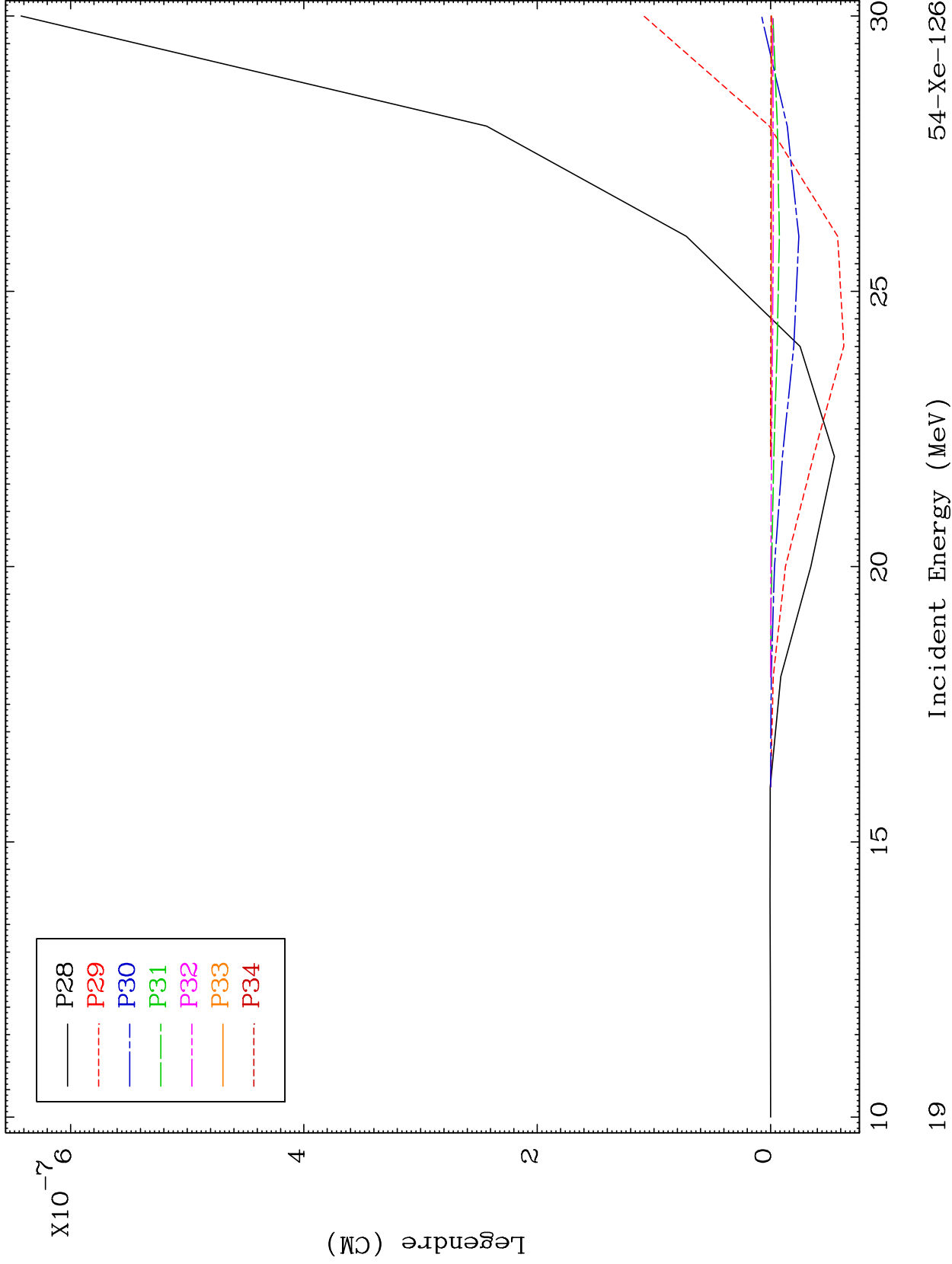
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic Legendre Coefficients

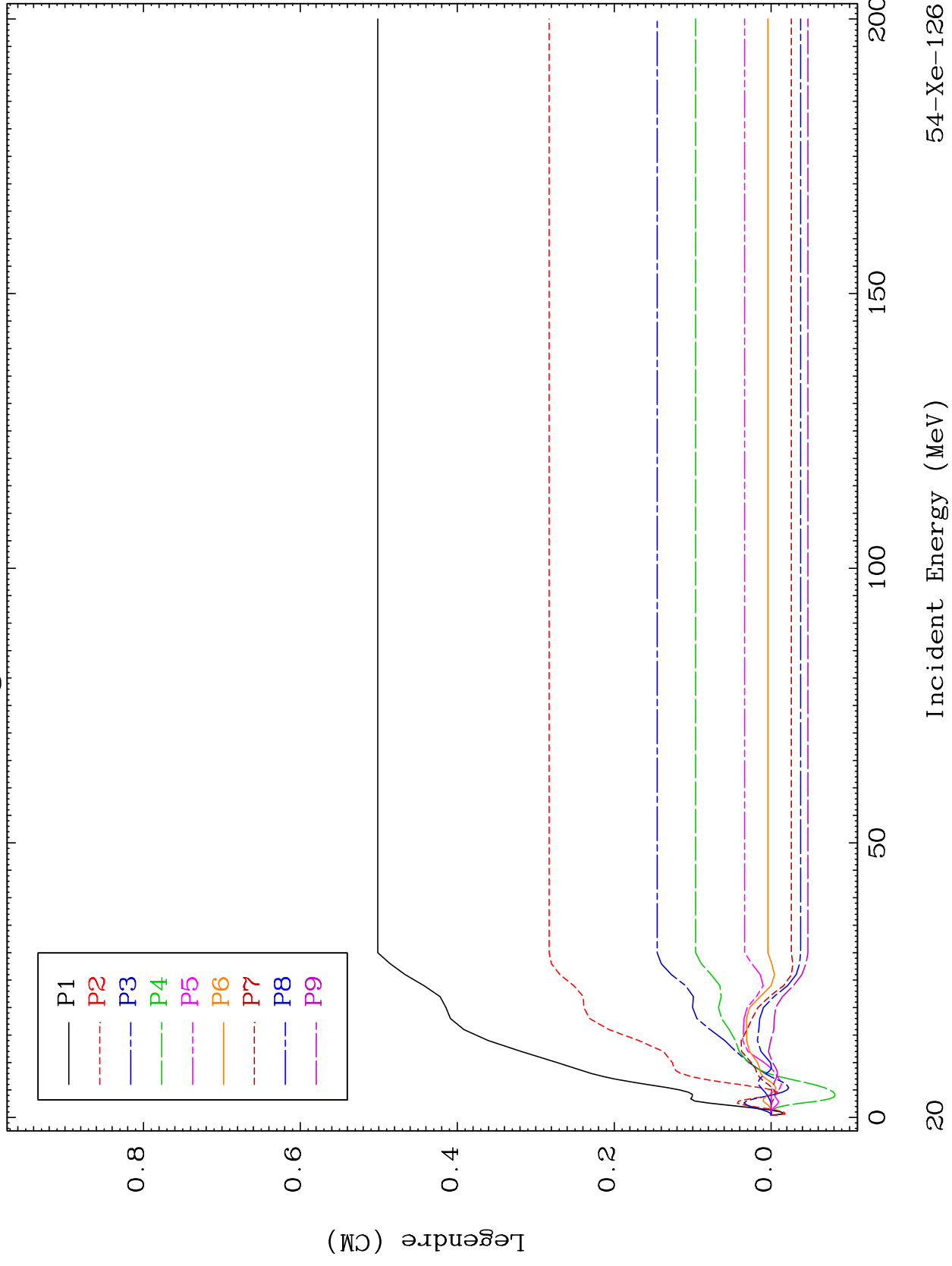
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

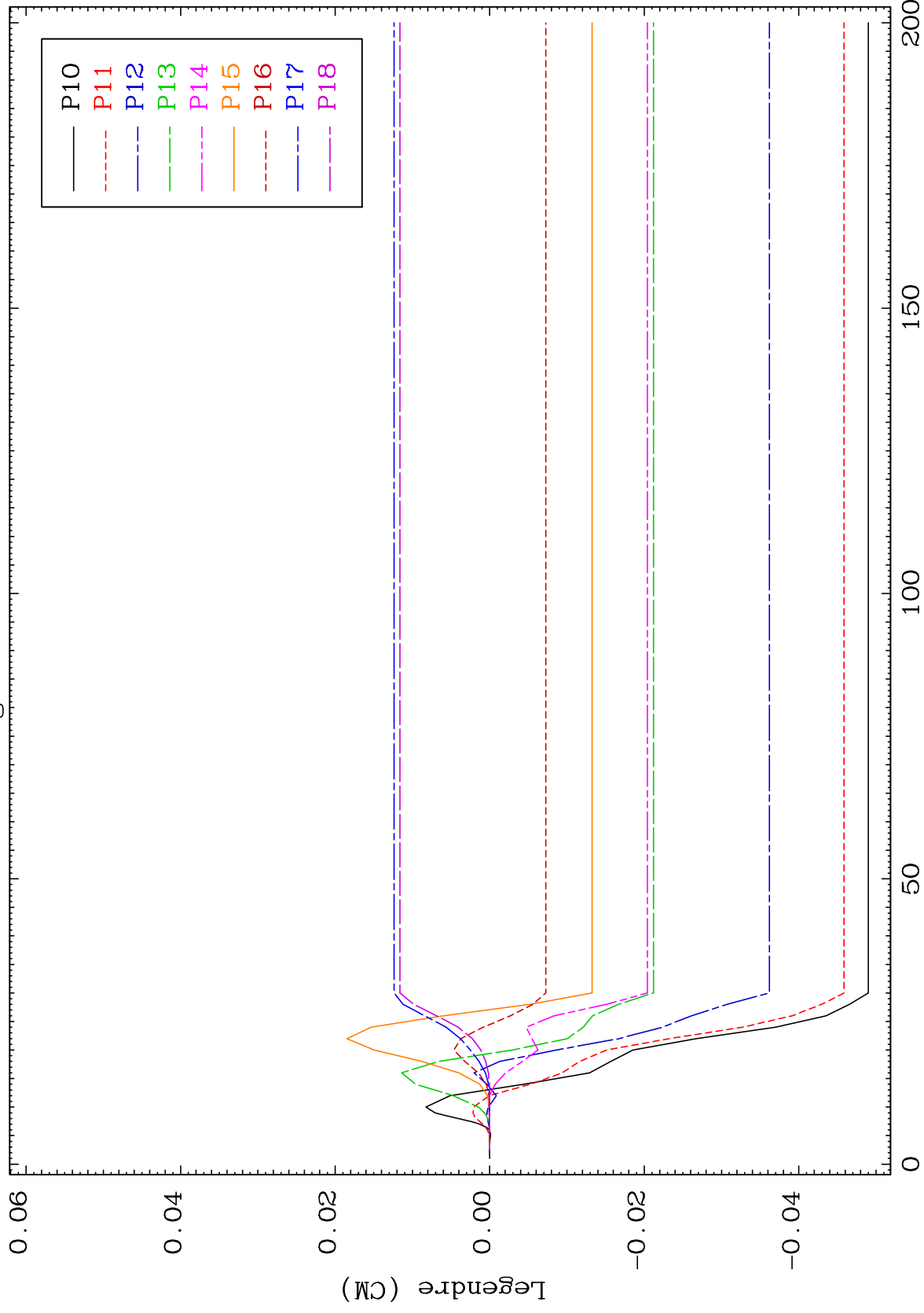
Incident Energy (MeV)

0

MAT 5431

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

54-Xe-126



21

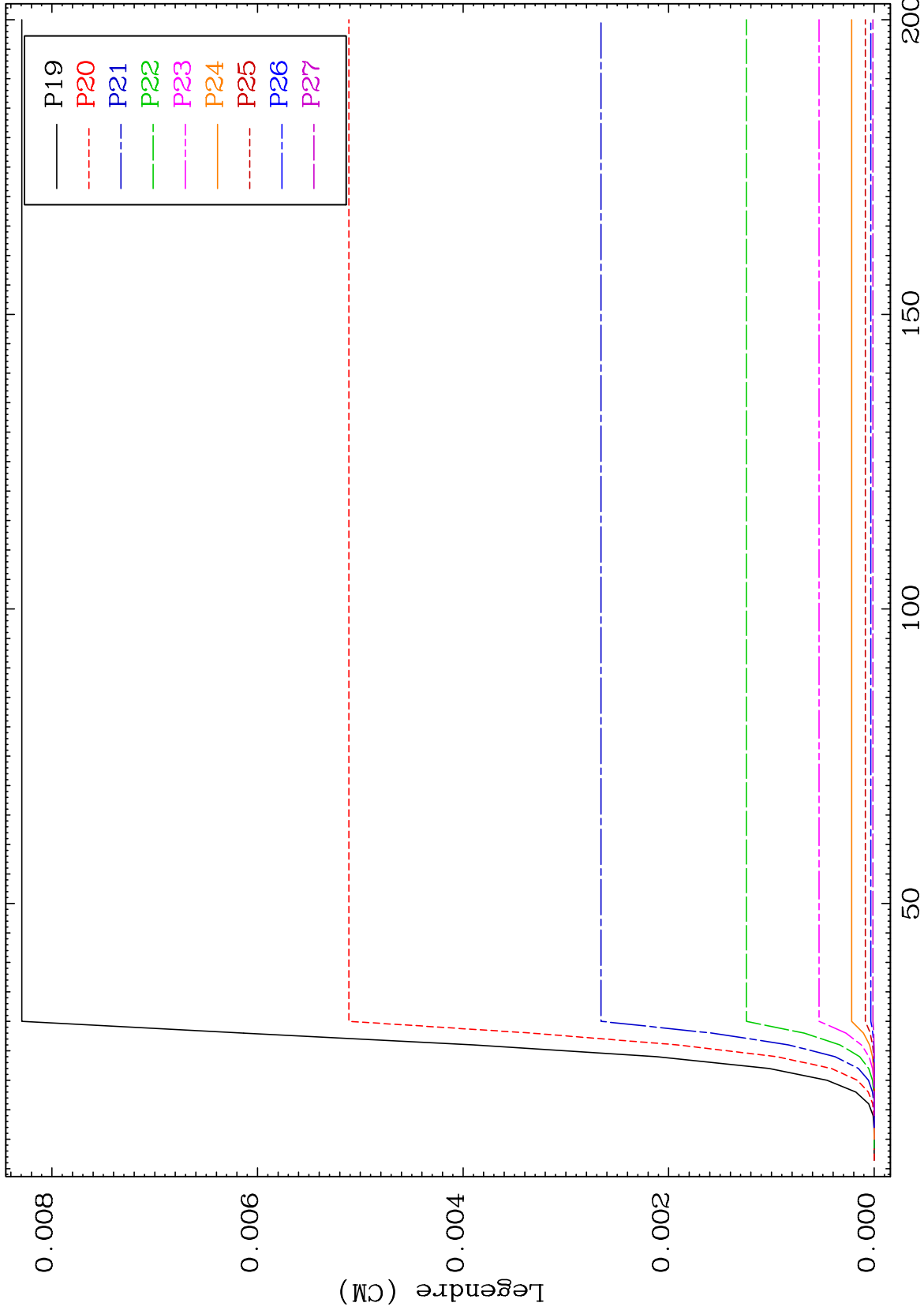
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



22

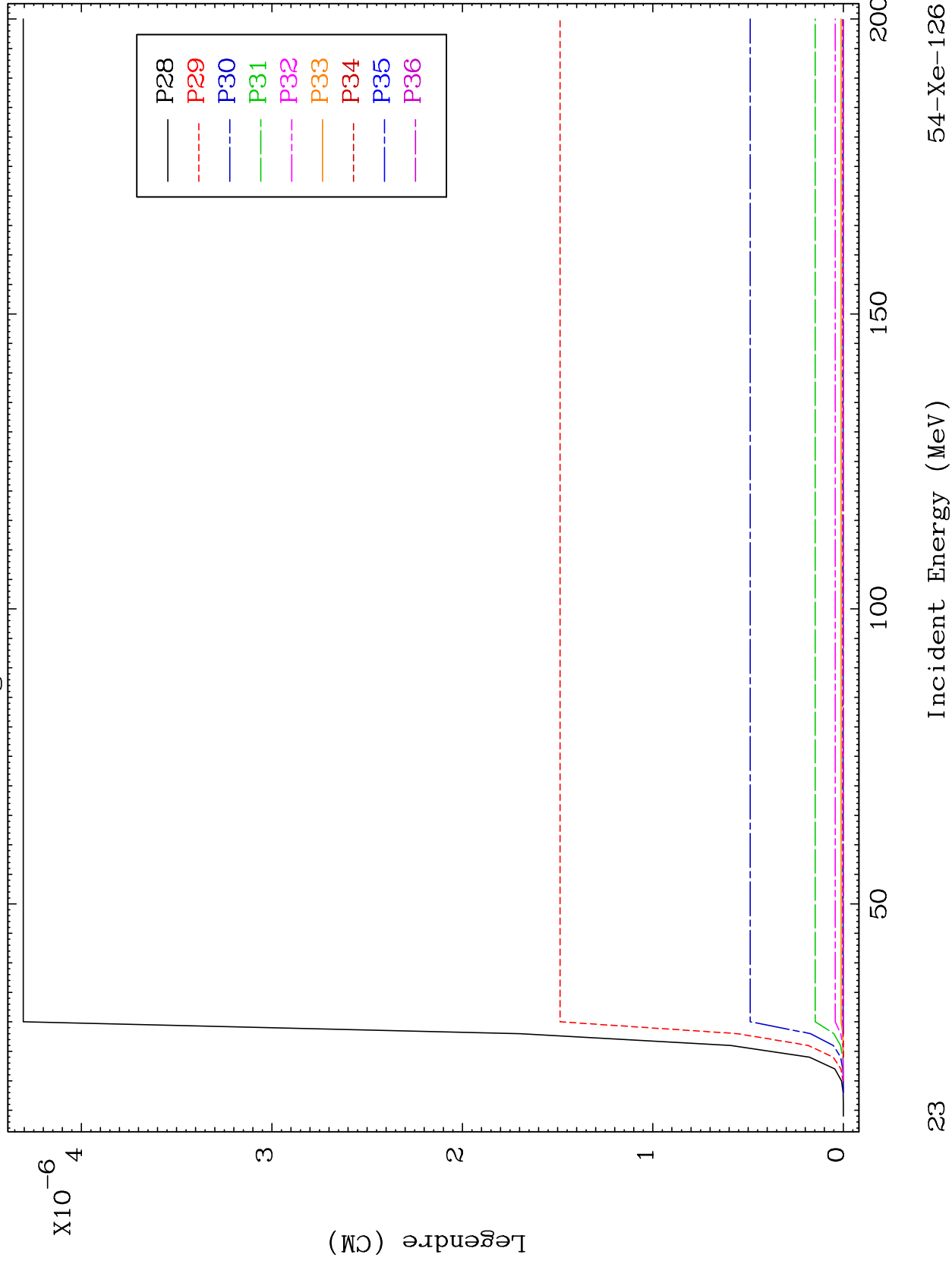
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126

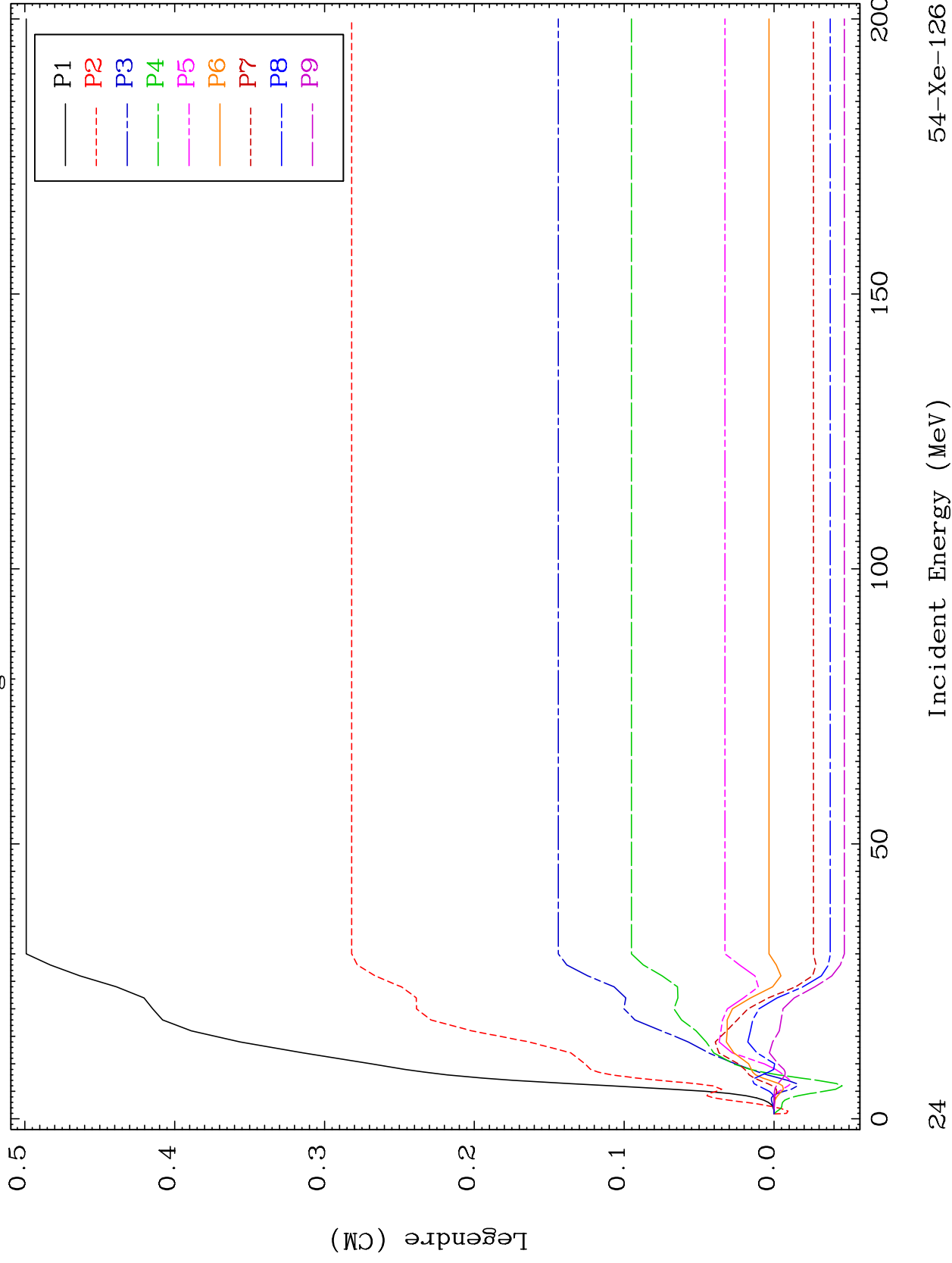


MAT 5431

MT= 52 (n,n') Level

54-Xe-126

Legendre Coefficients



54-Xe-126

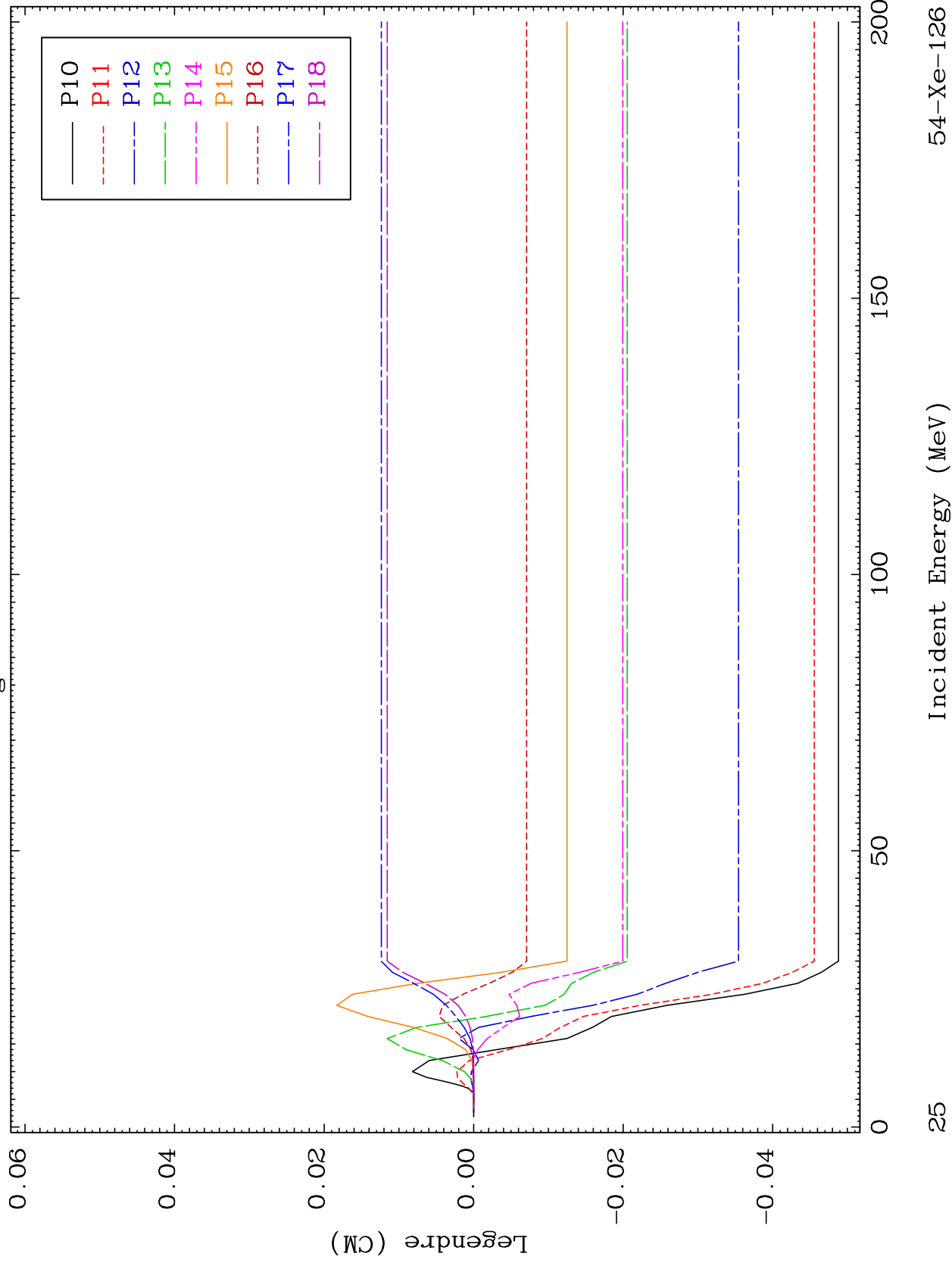
Incident Energy (MeV)

24

MAT 5431

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

54-Xe-126



54-Xe-126

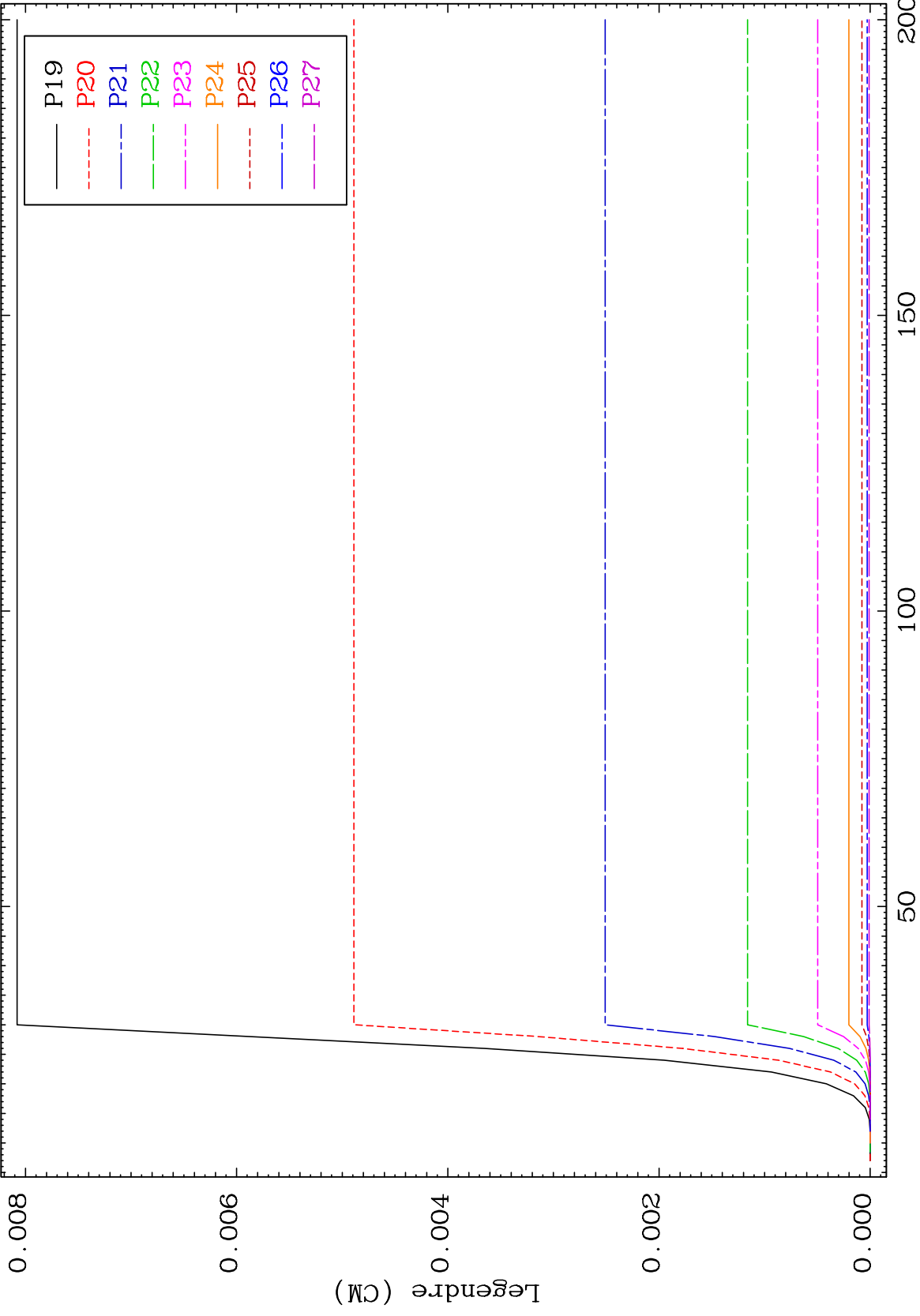
Incident Energy (MeV)

25

MAT 5431

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

54-Xe-126



26

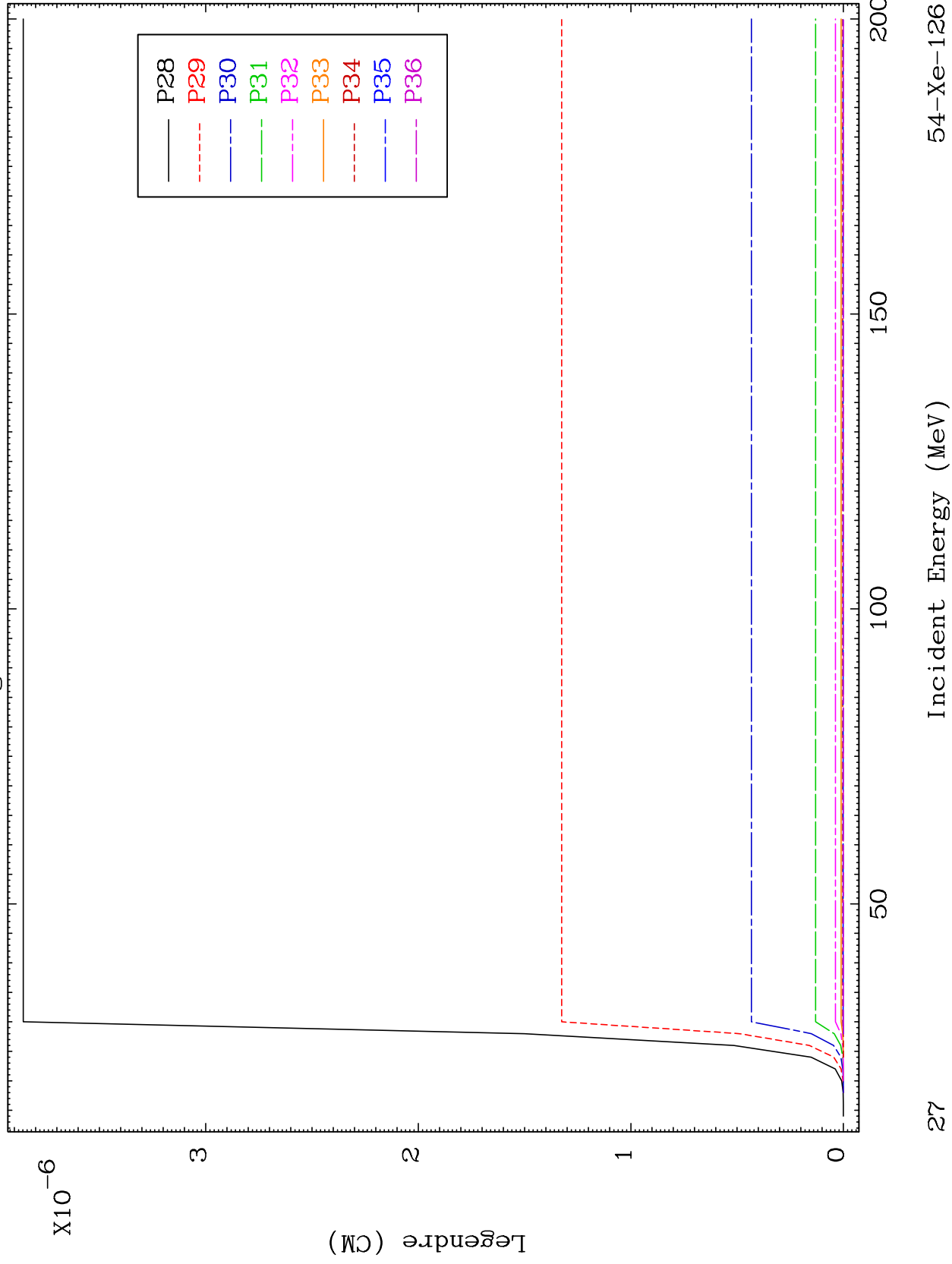
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

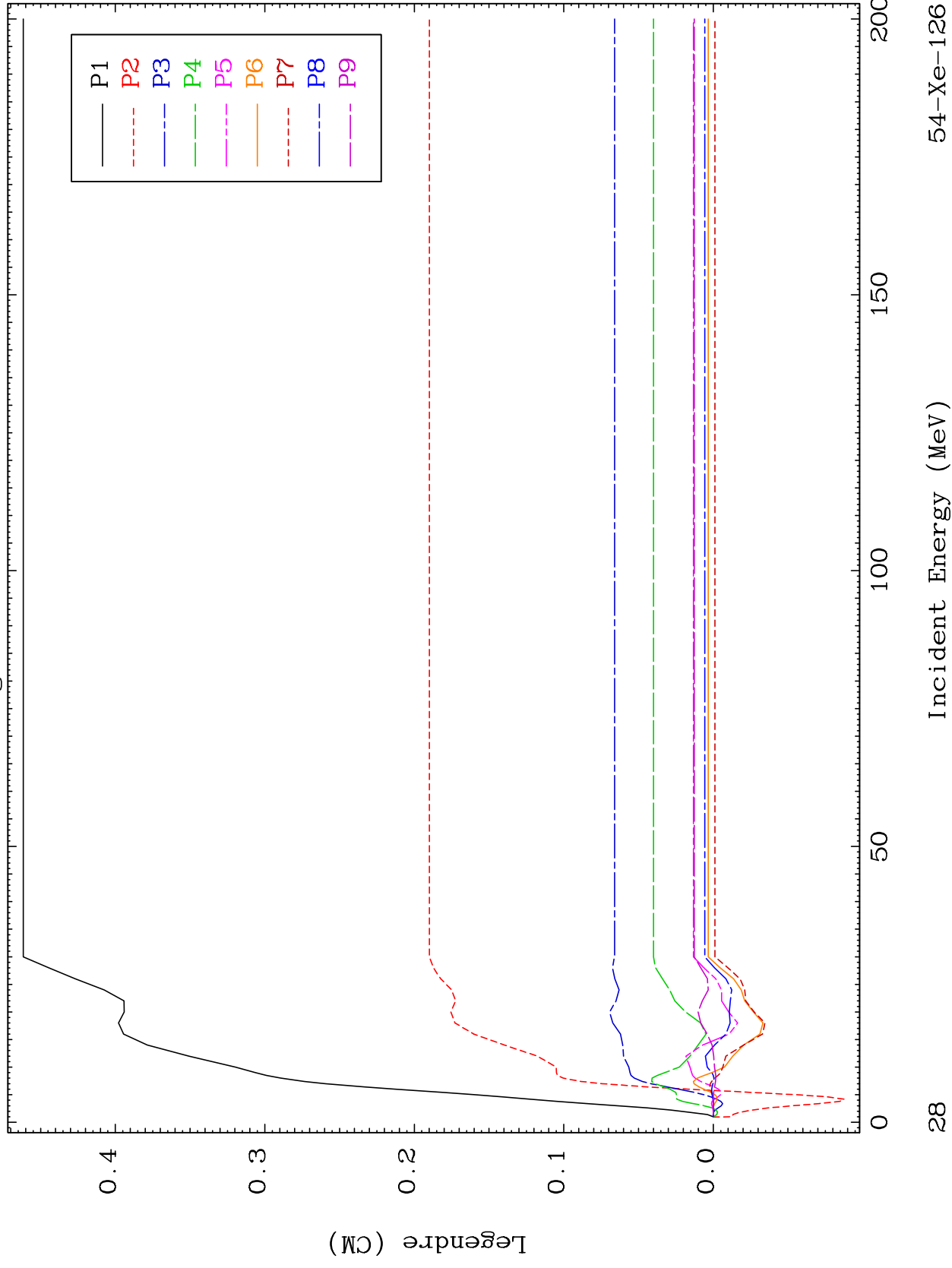
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

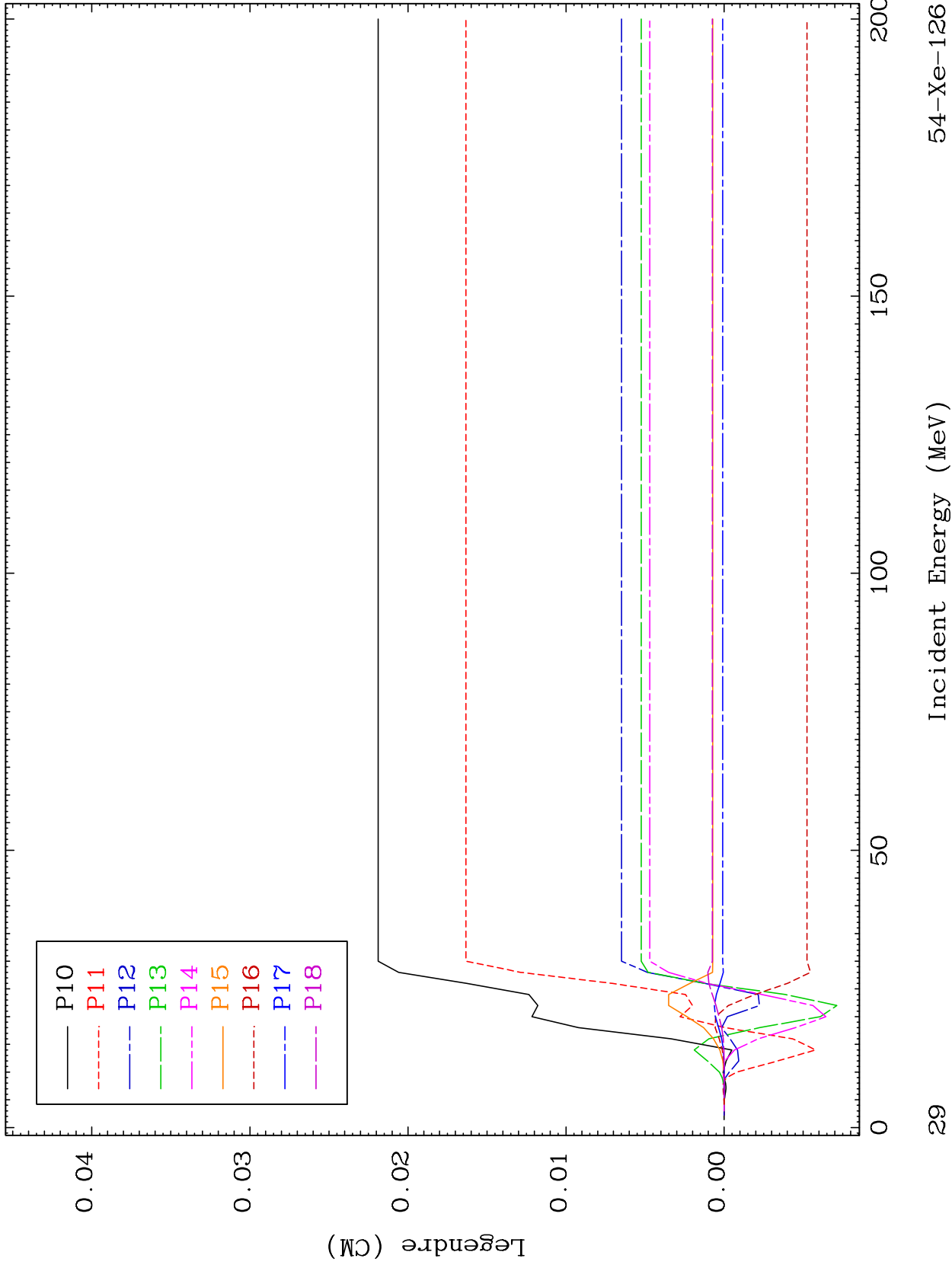
Incident Energy (MeV)

28

MAT 5431

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

54-Xe-126



29

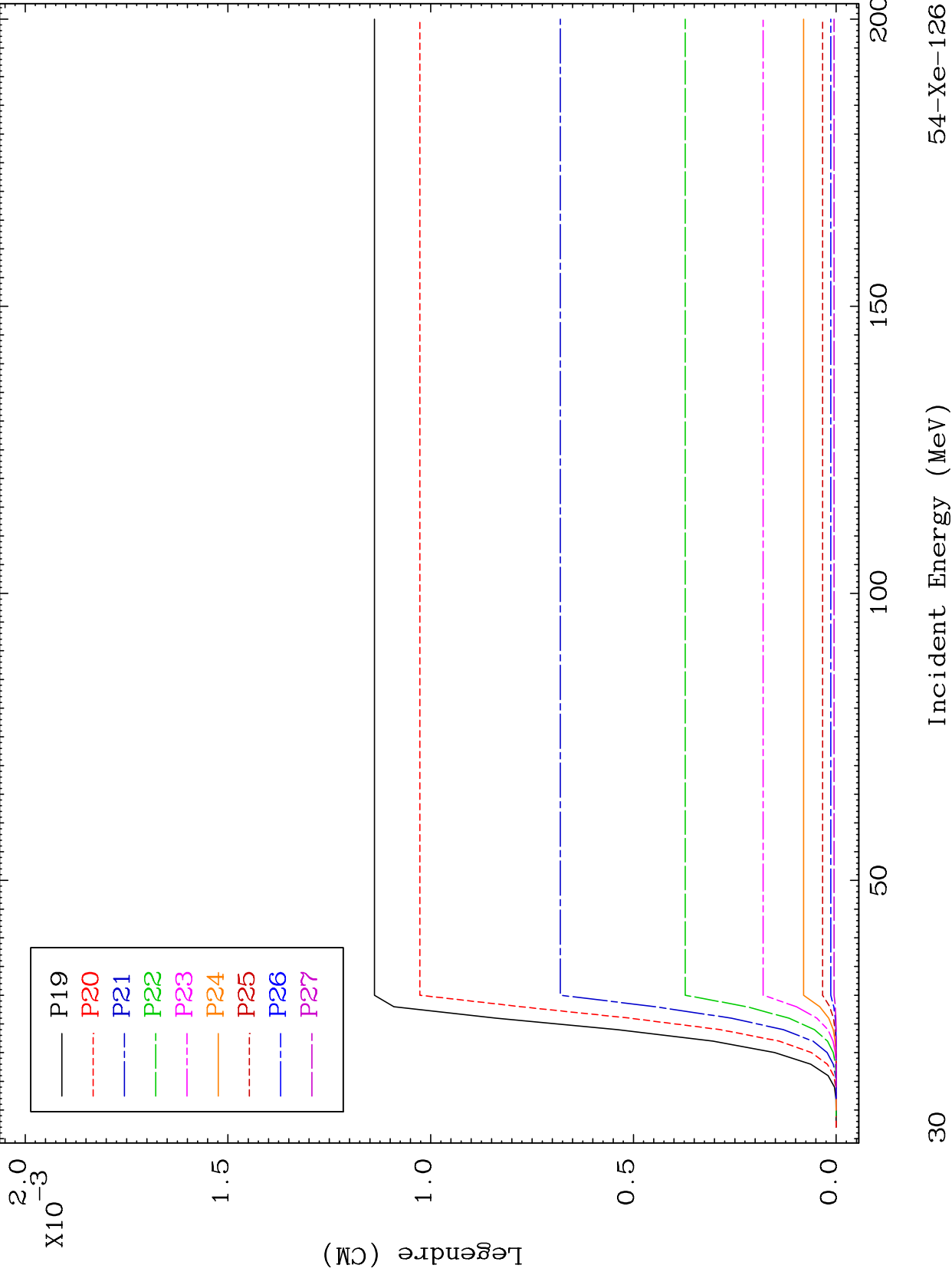
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

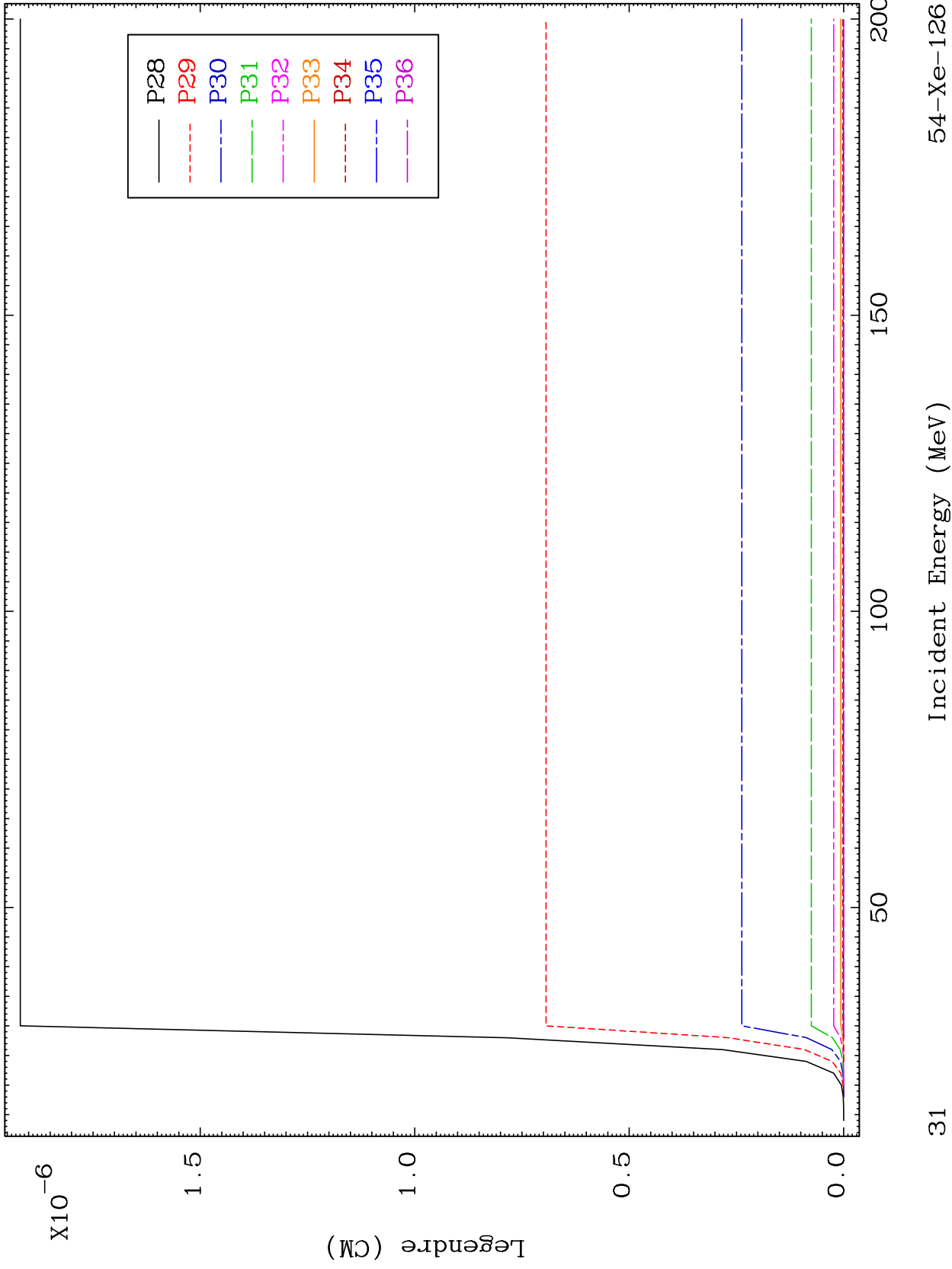
54-Xe-126



MAT 5431

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

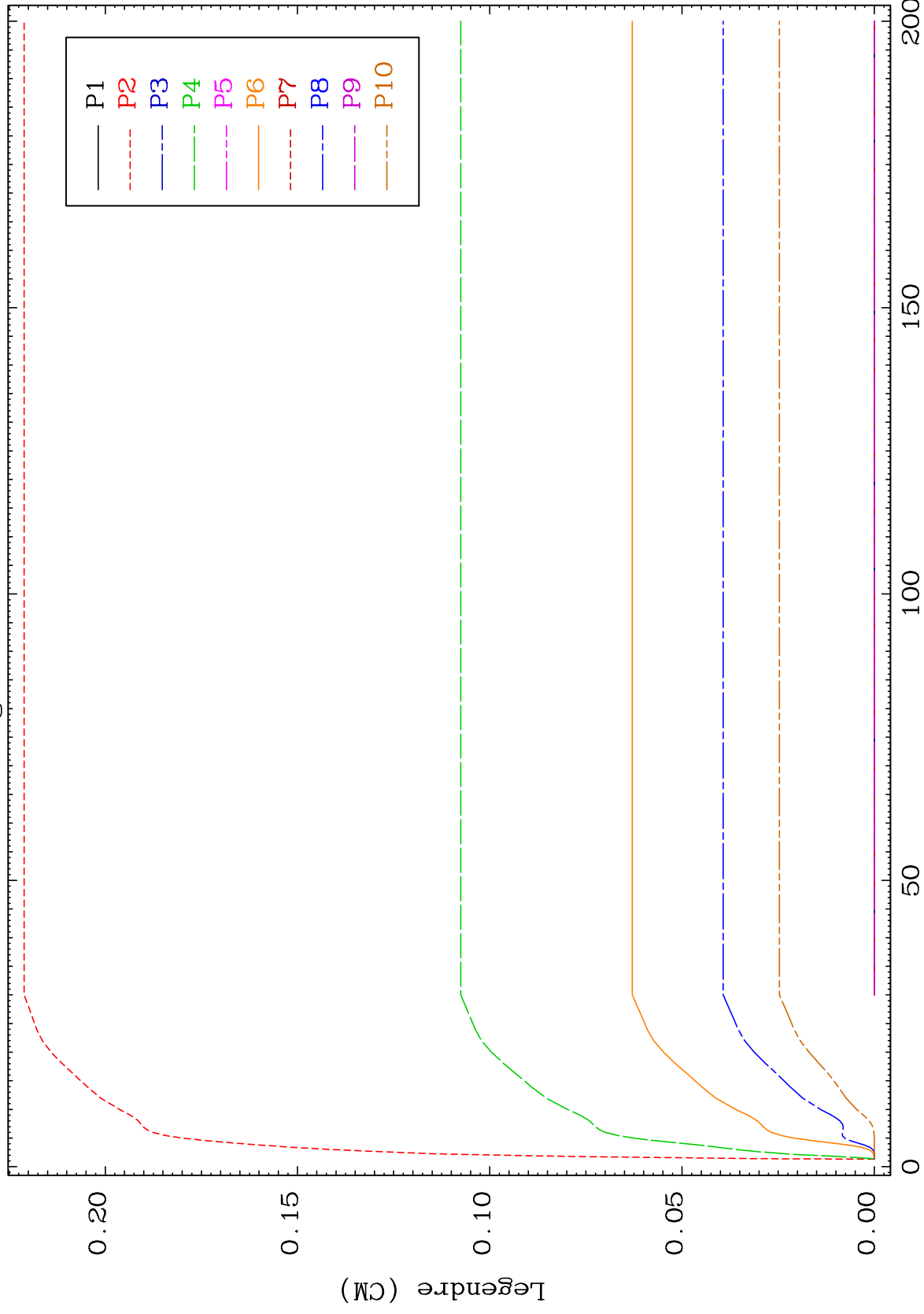
54-Xe-126



MAT 5431

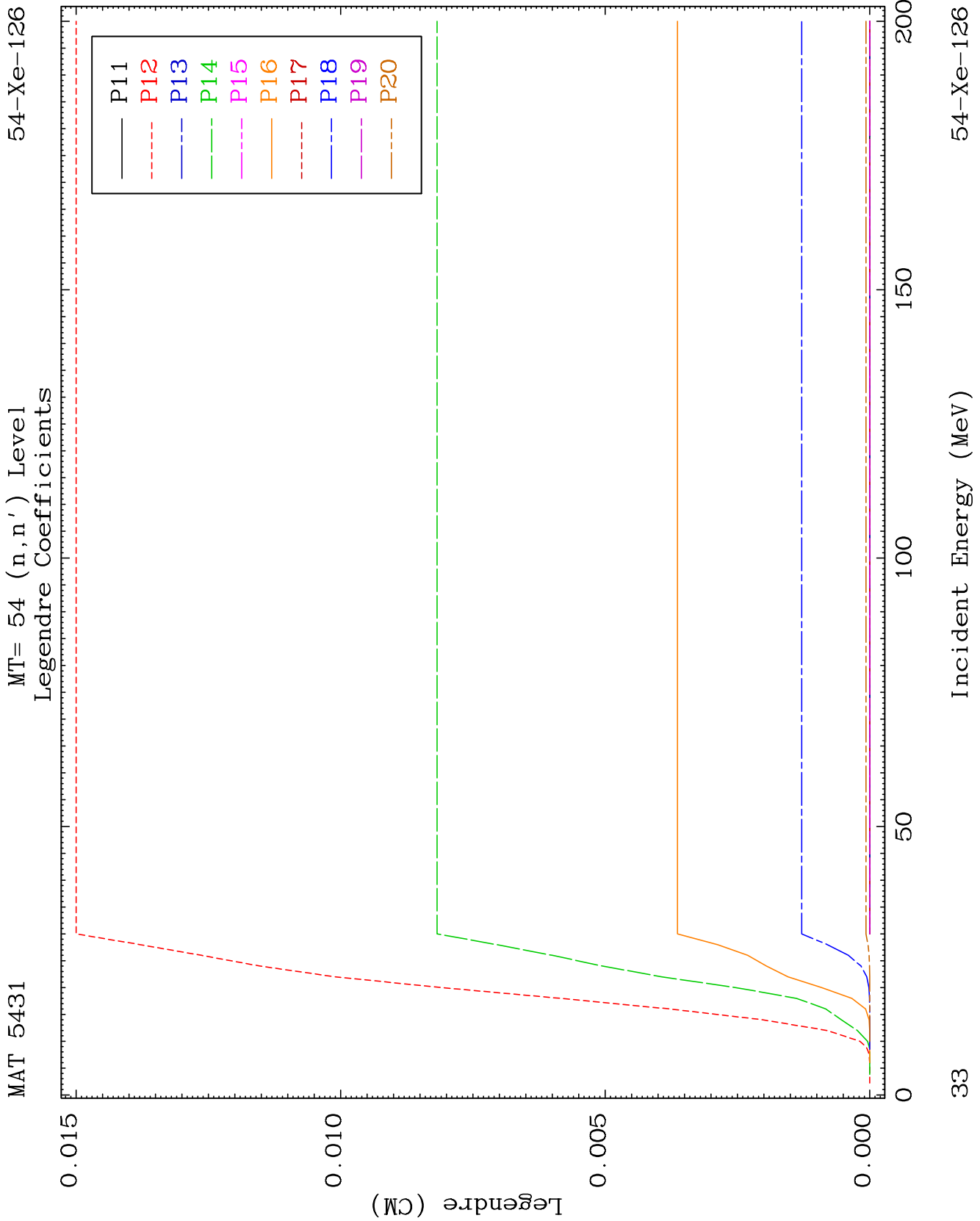
MT= 54 (n,n') Level
Legendre Coefficients

54-Xe-126



32

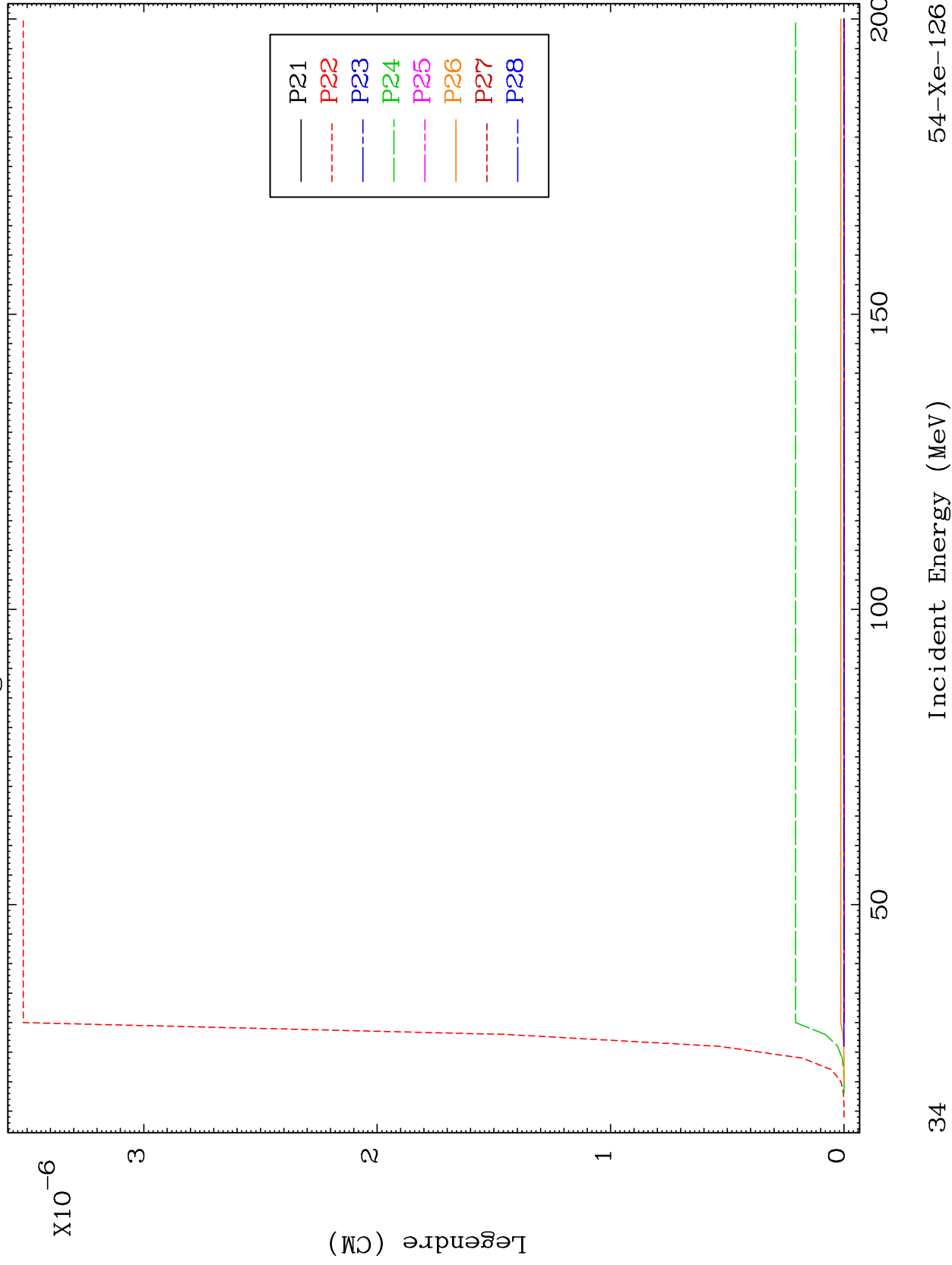
54-Xe-126



MAT 5431

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

54-Xe-126



34

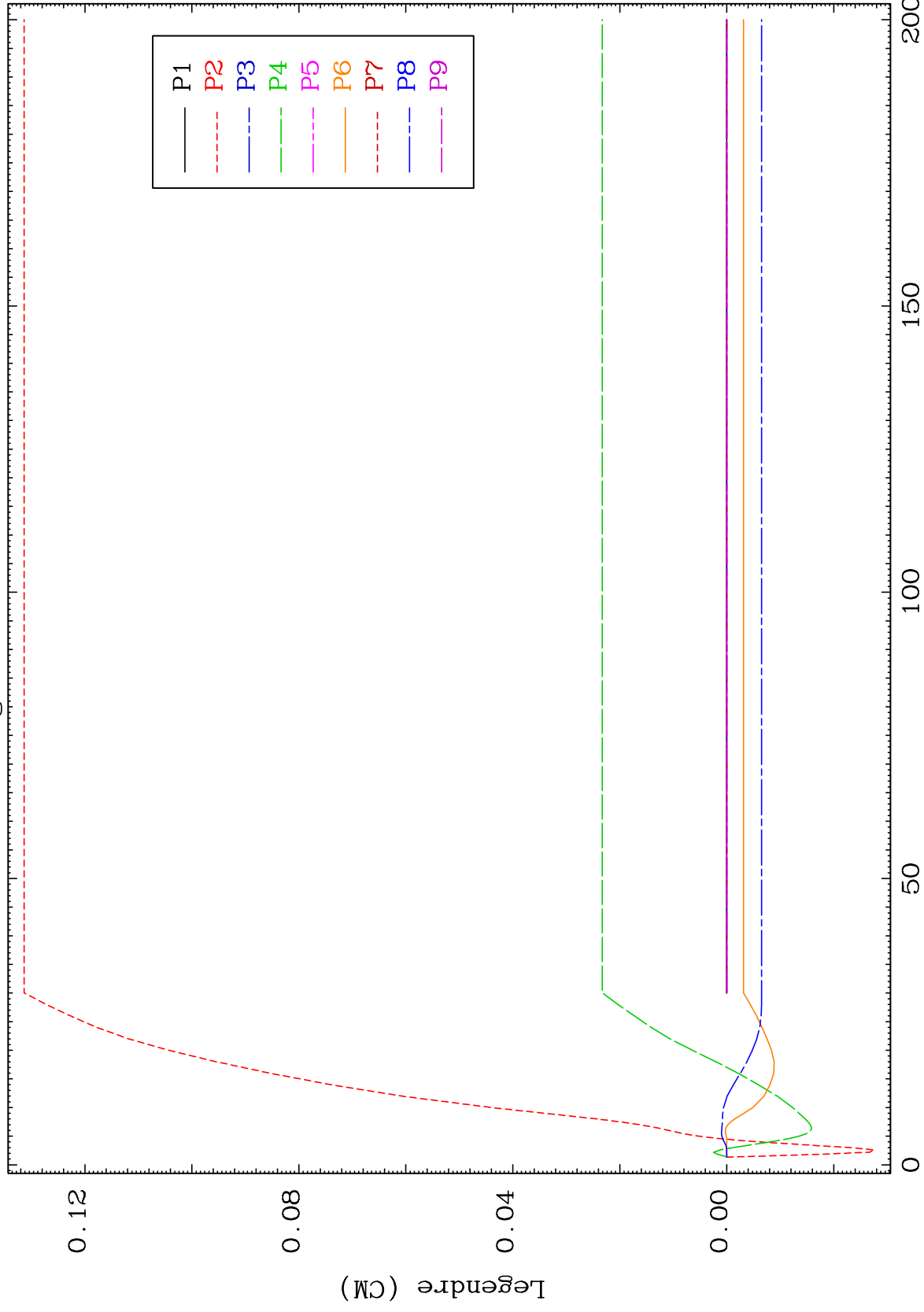
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

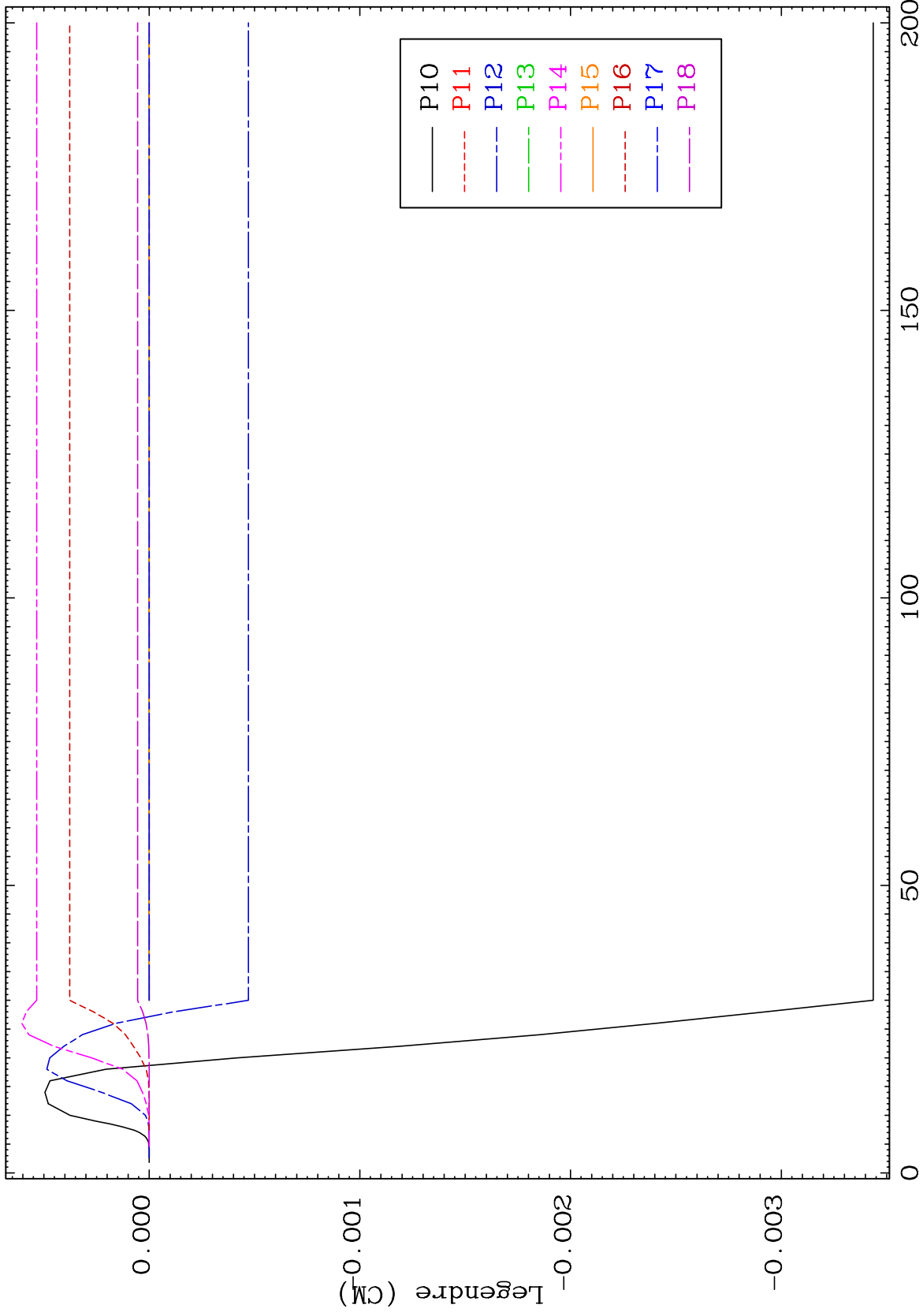
Incident Energy (MeV)

35

MAT 5431

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

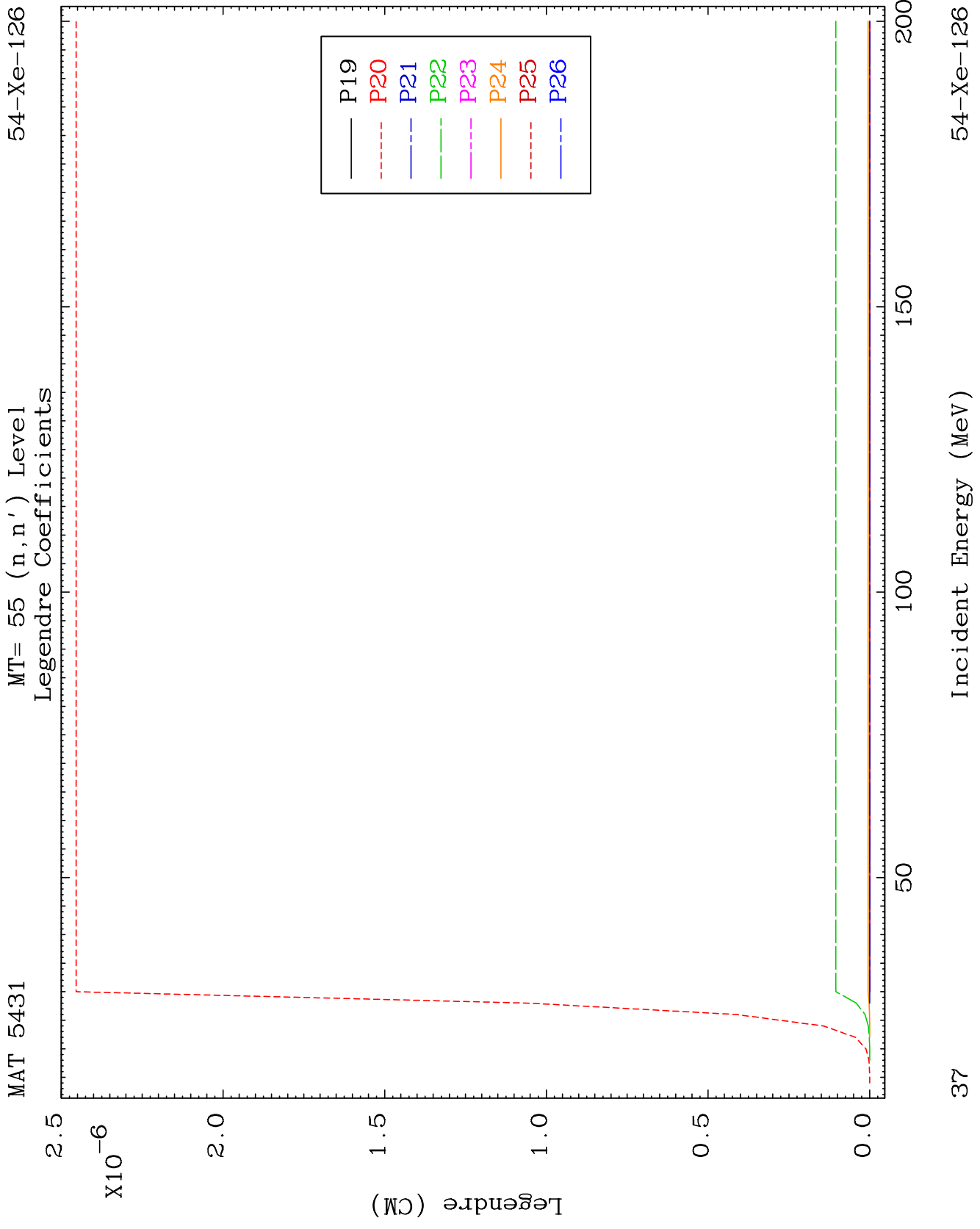
54-Xe-126



36

Incident Energy (MeV)

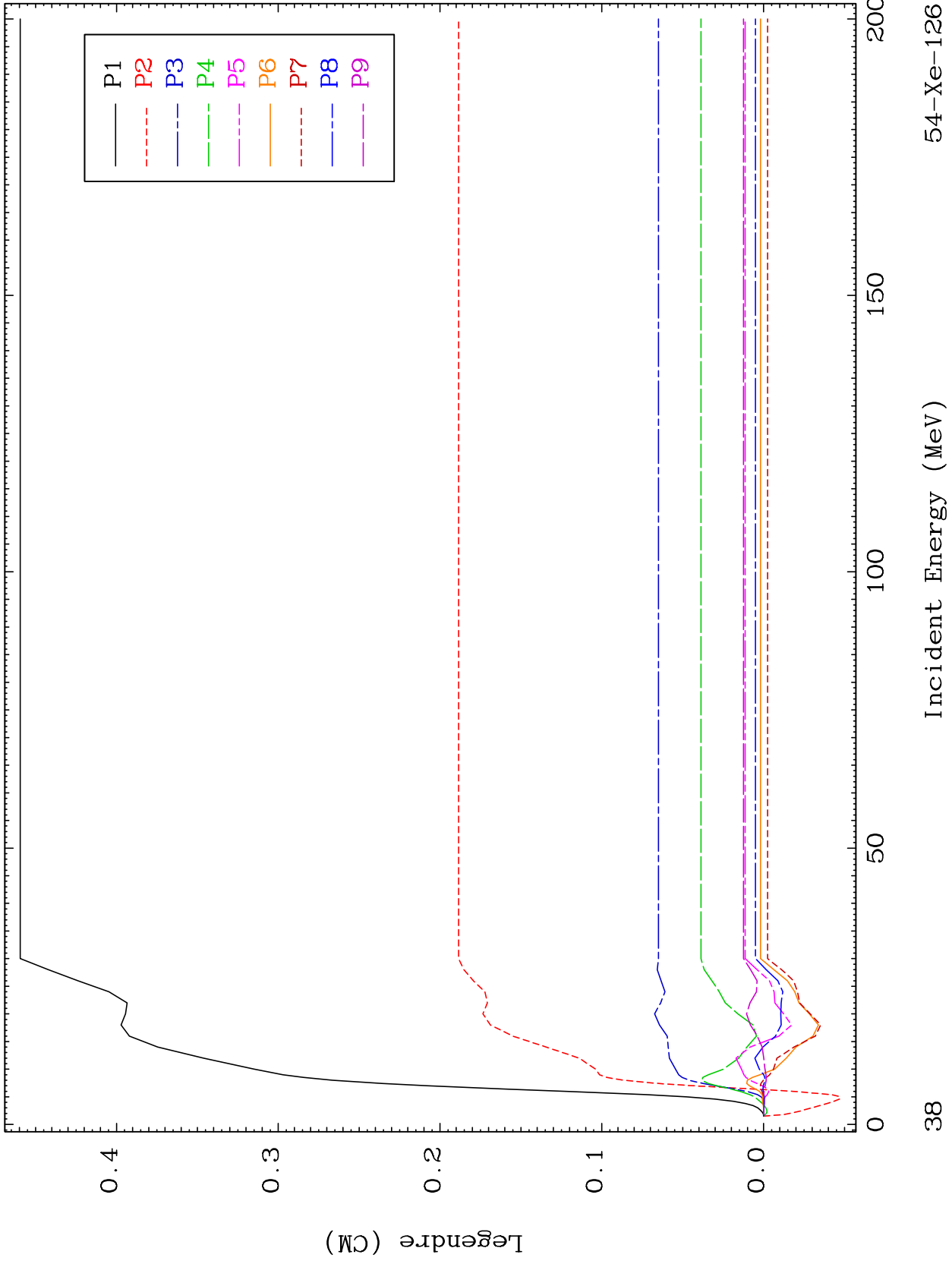
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

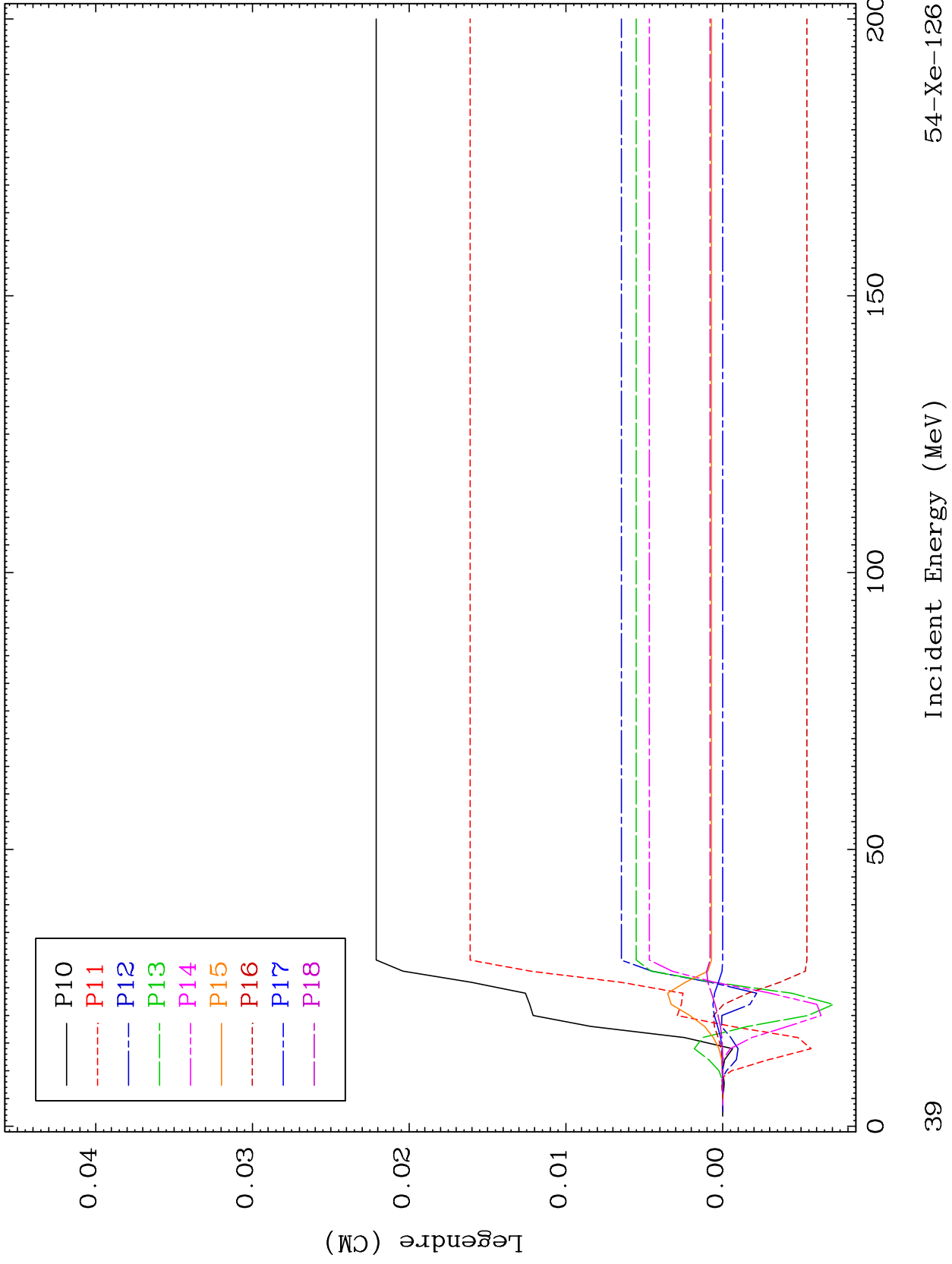
Incident Energy (MeV)

38

MAT 5431

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

54-Xe-126



39

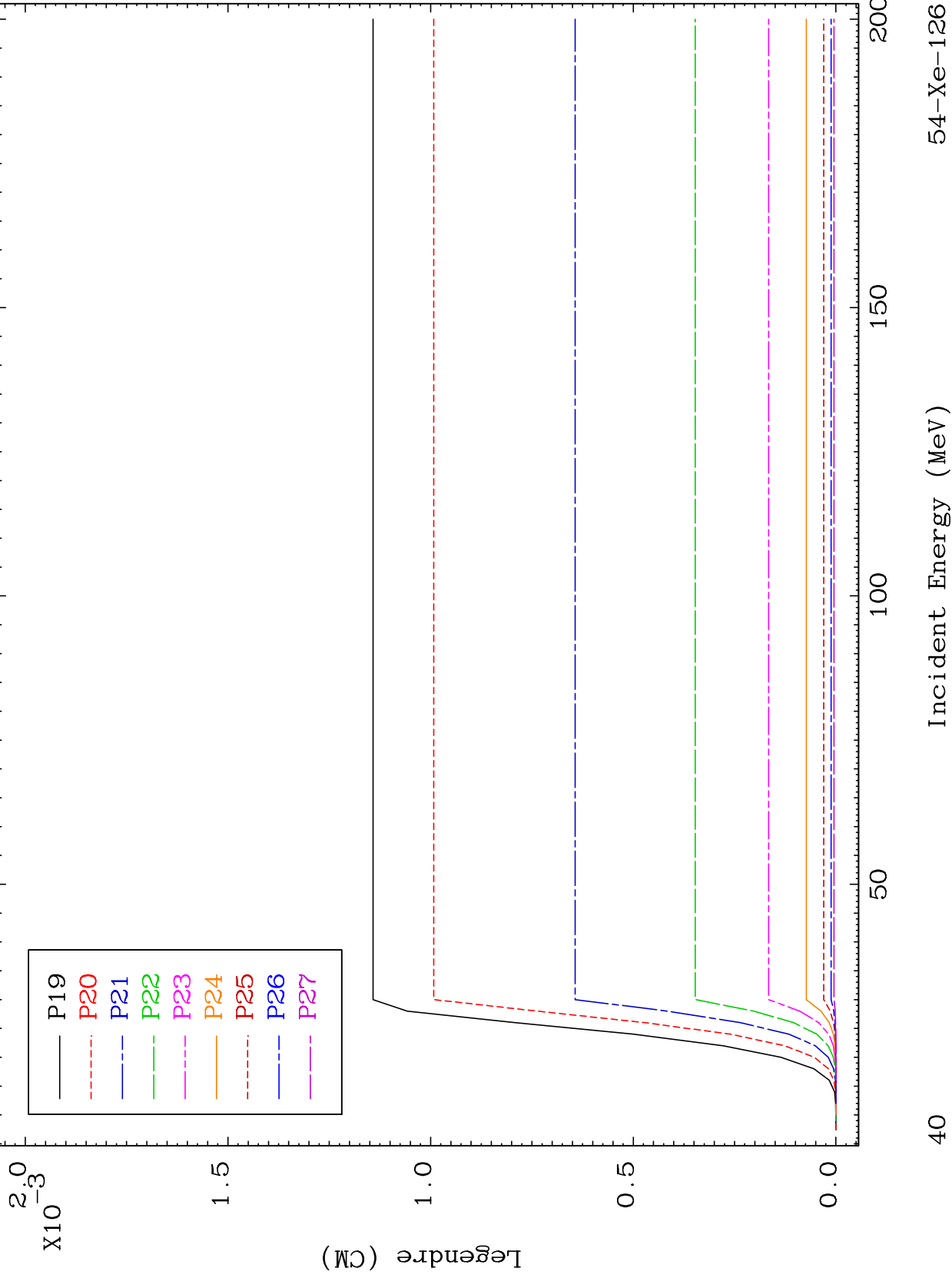
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

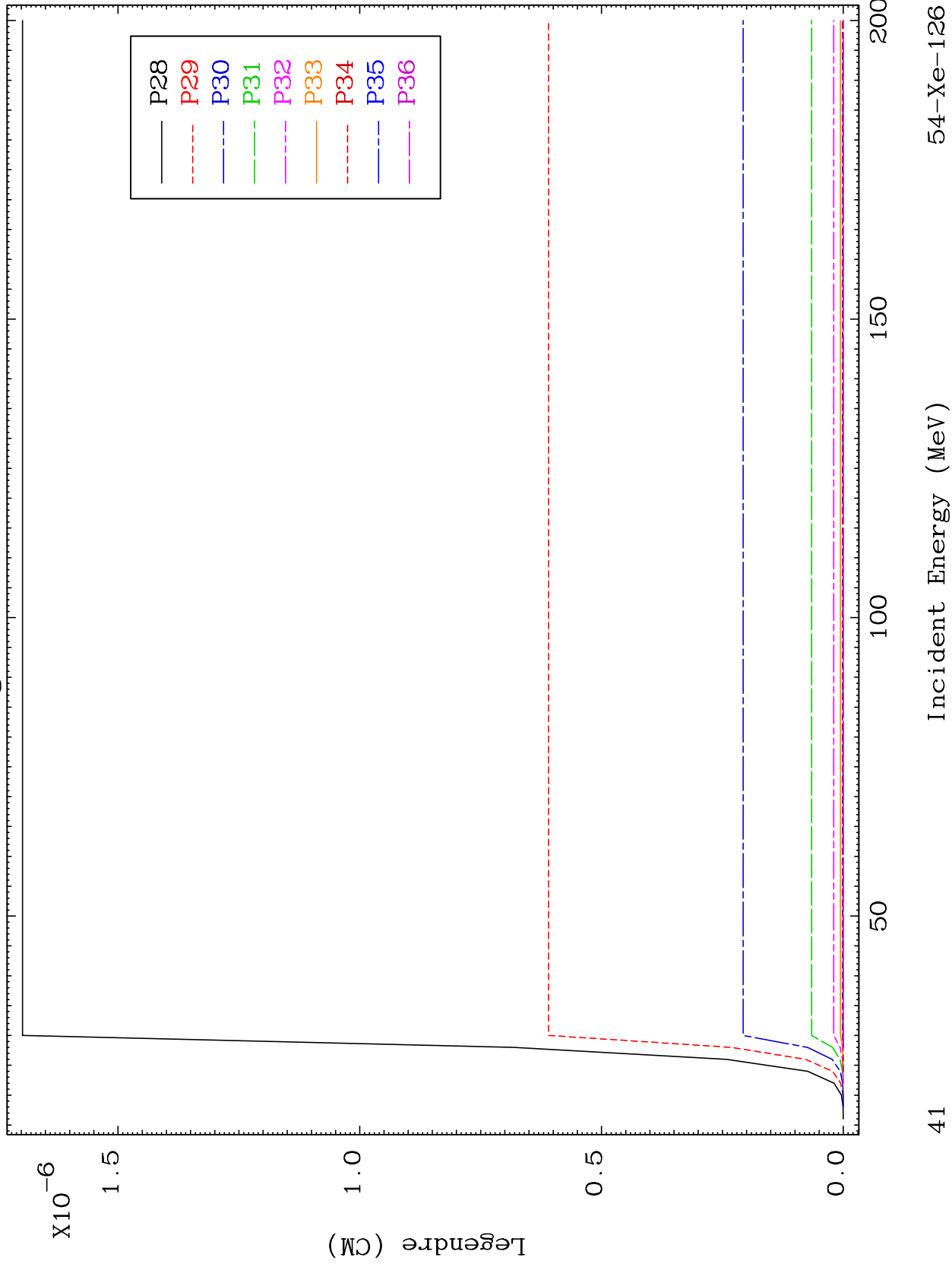
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MAT 5431

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

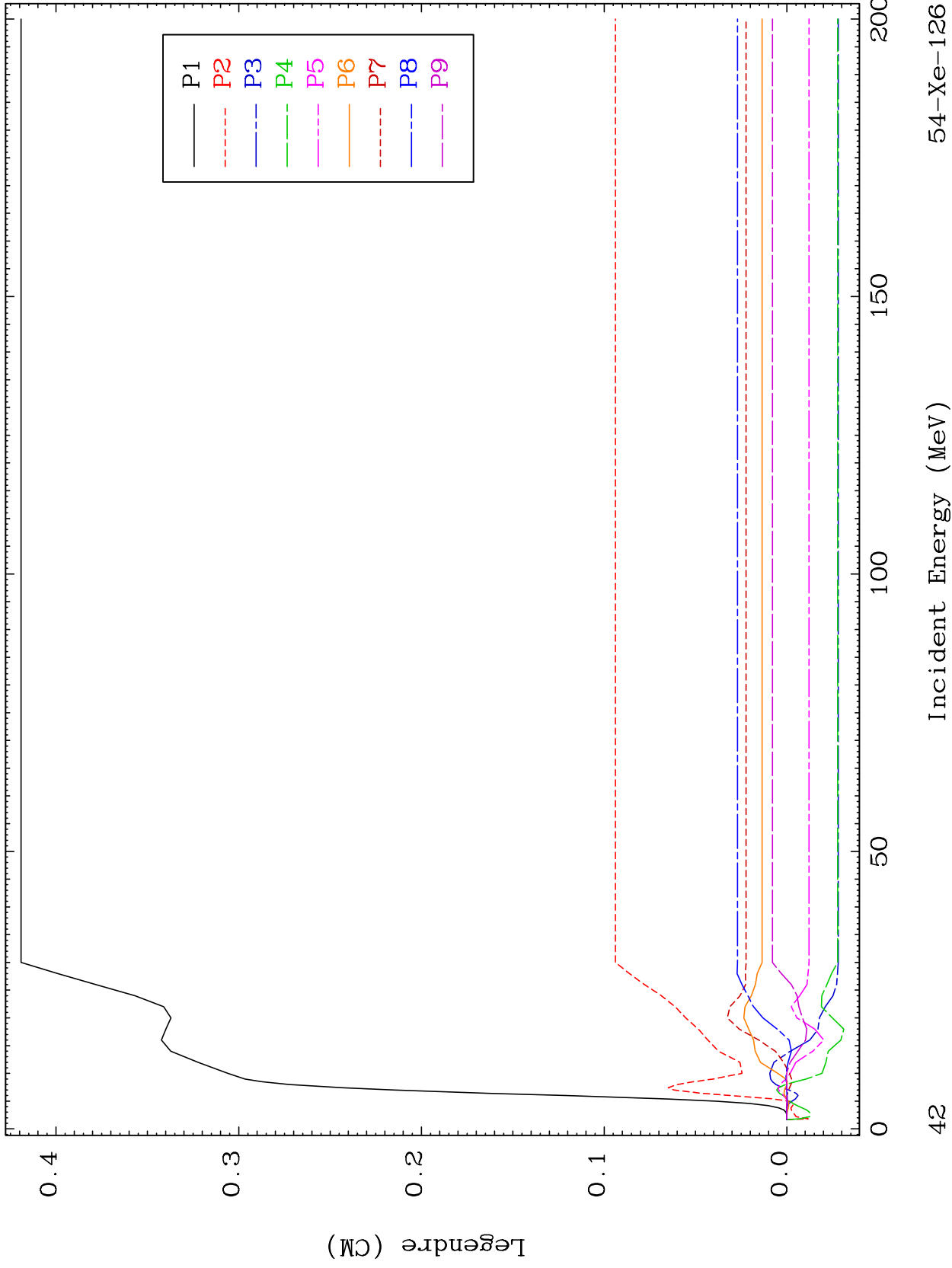
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

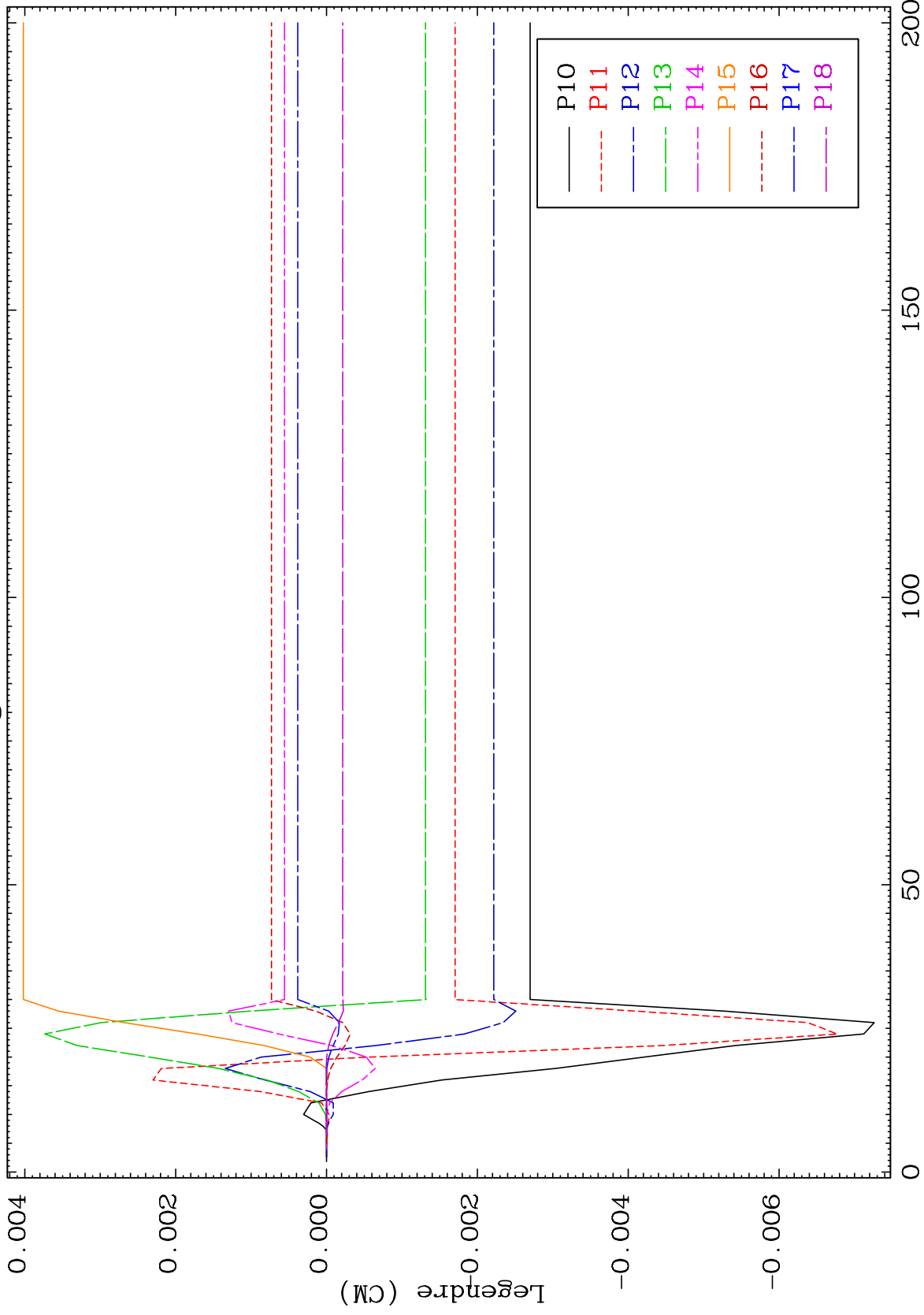
Incident Energy (MeV)

42

MAT 5431

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

54-Xe-126



43

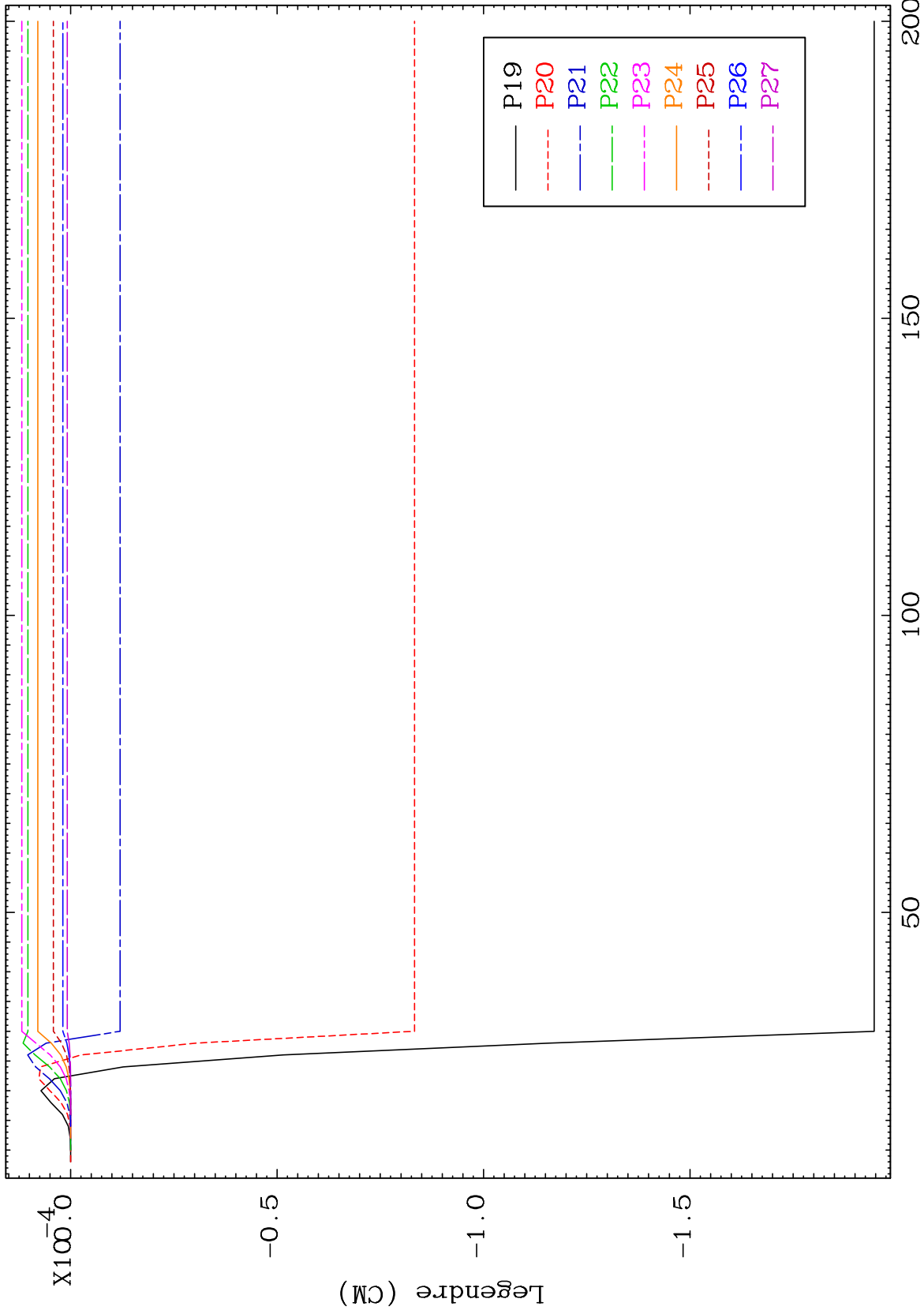
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

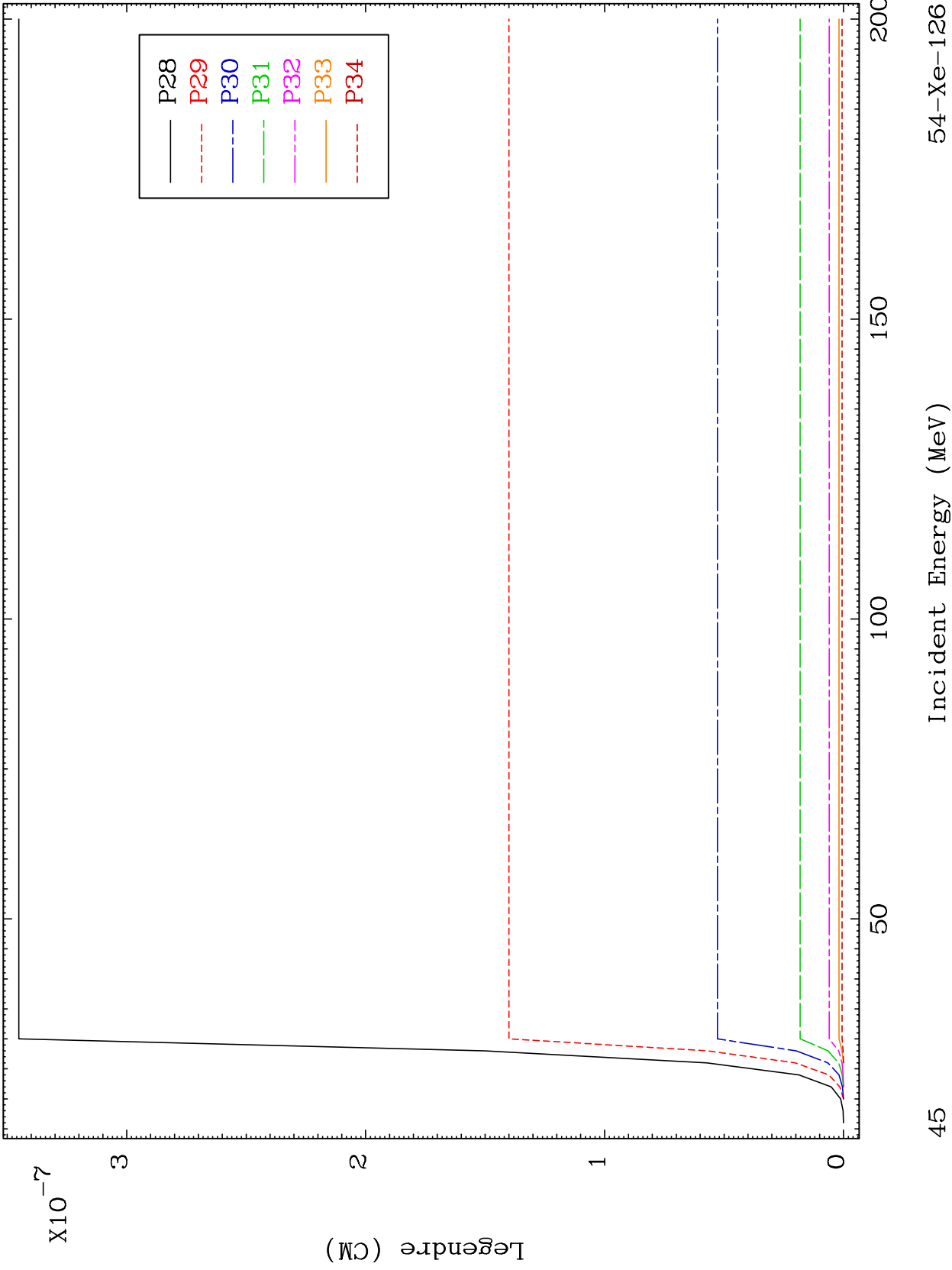
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MAT 5431

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

54-Xe-126

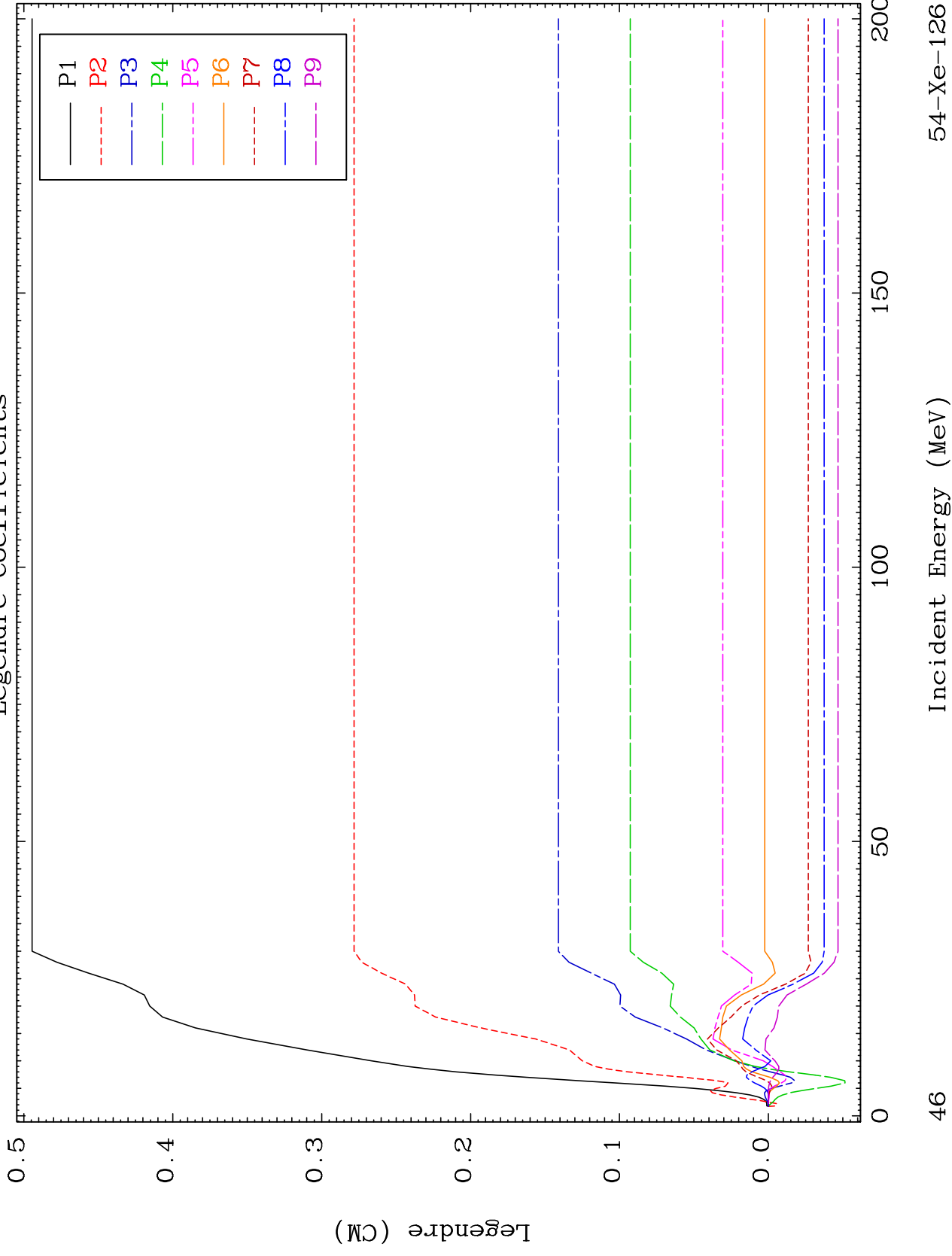


MAT 5431

MT= 58 (n,n') Level

54-Xe-126

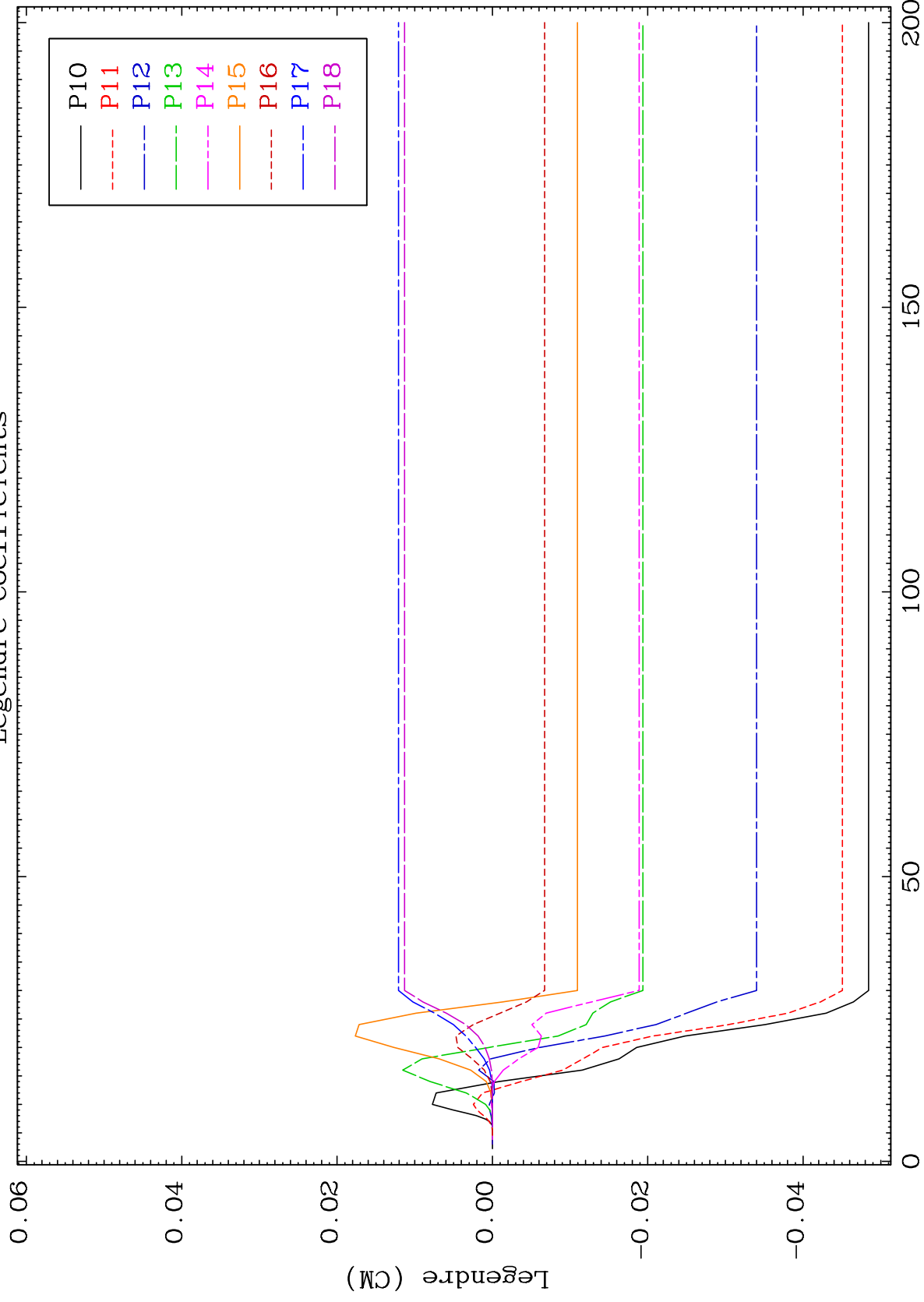
Legendre Coefficients



MAT 5431

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

54-Xe-126



47

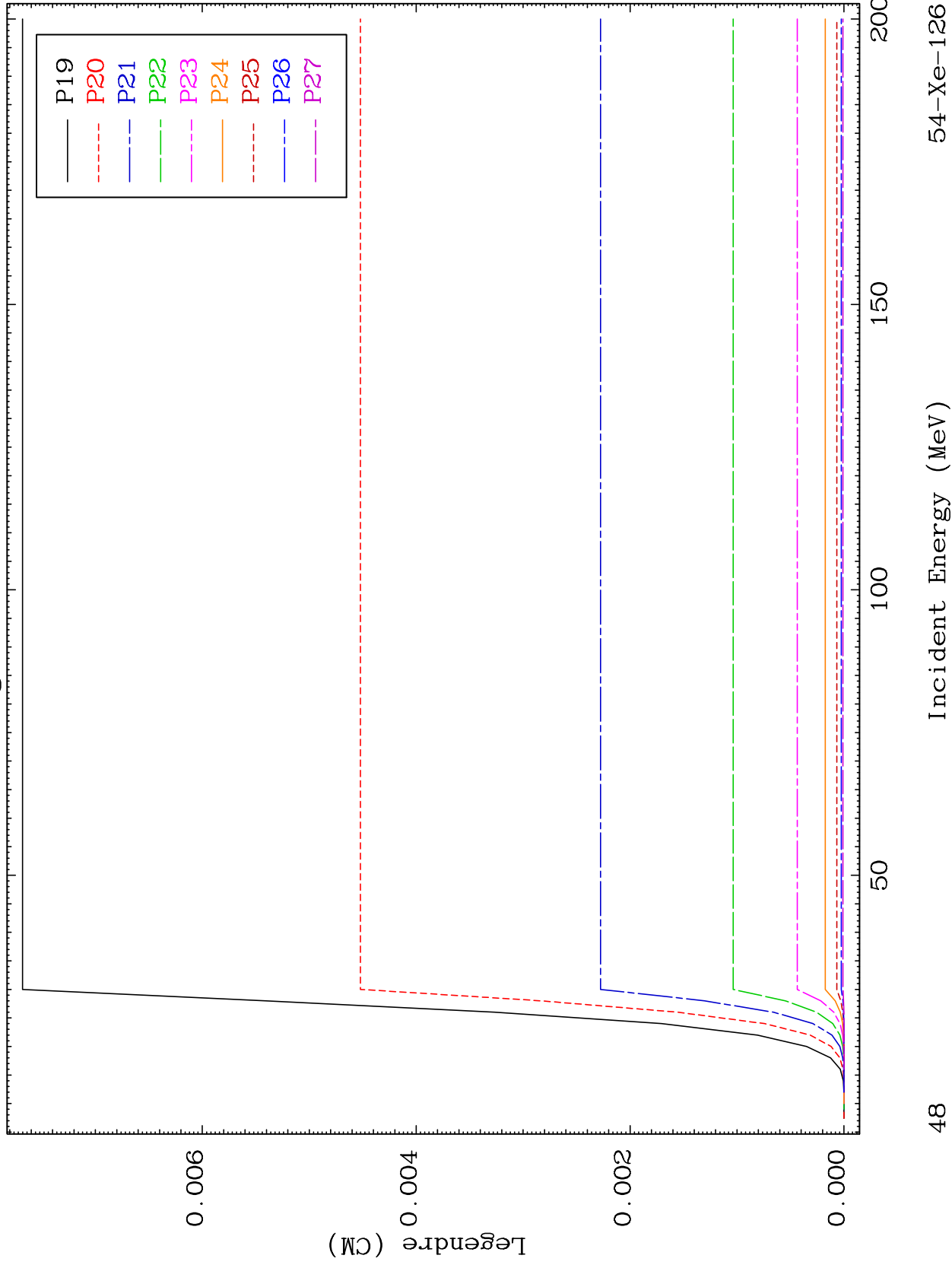
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



48

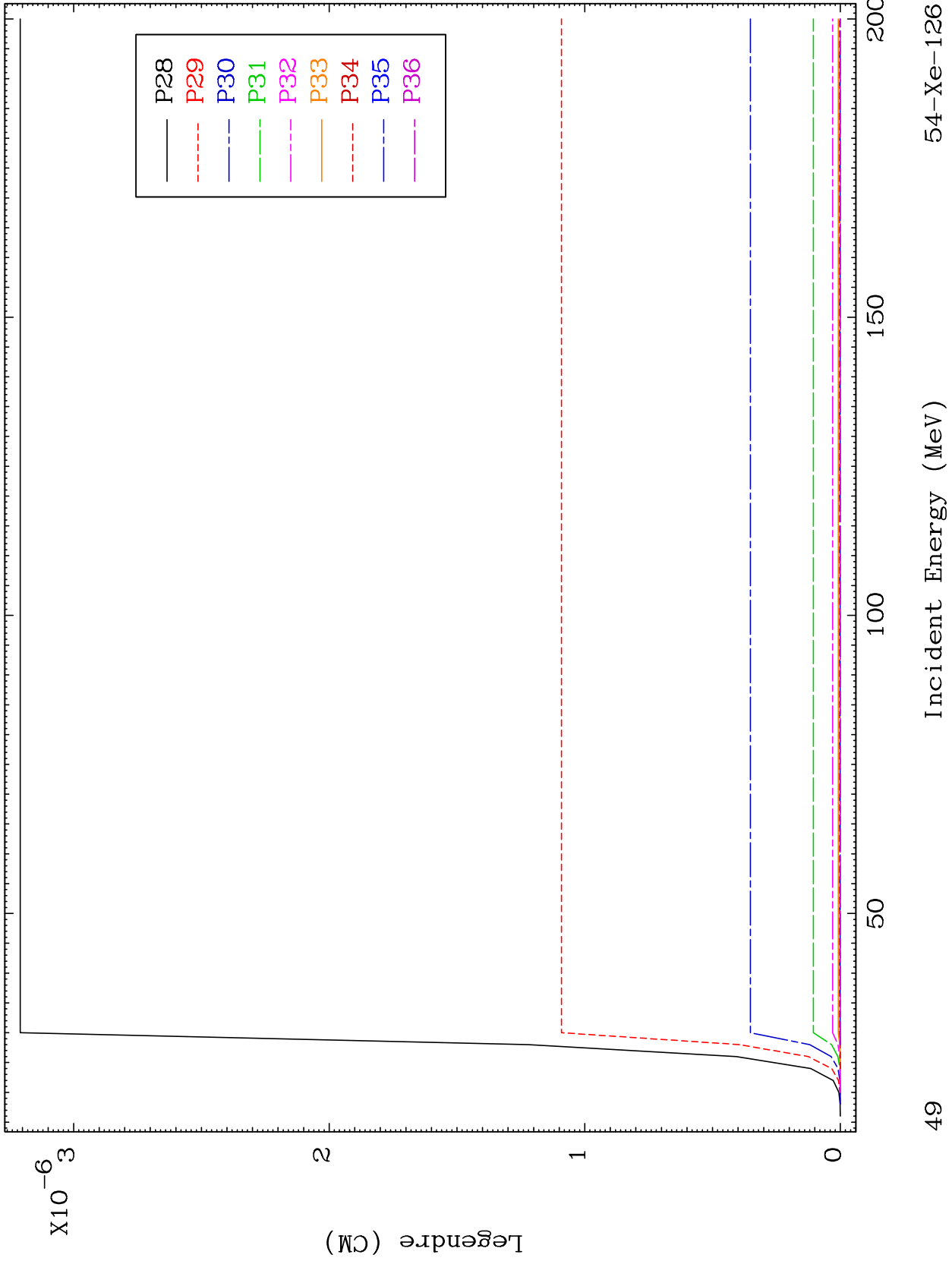
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

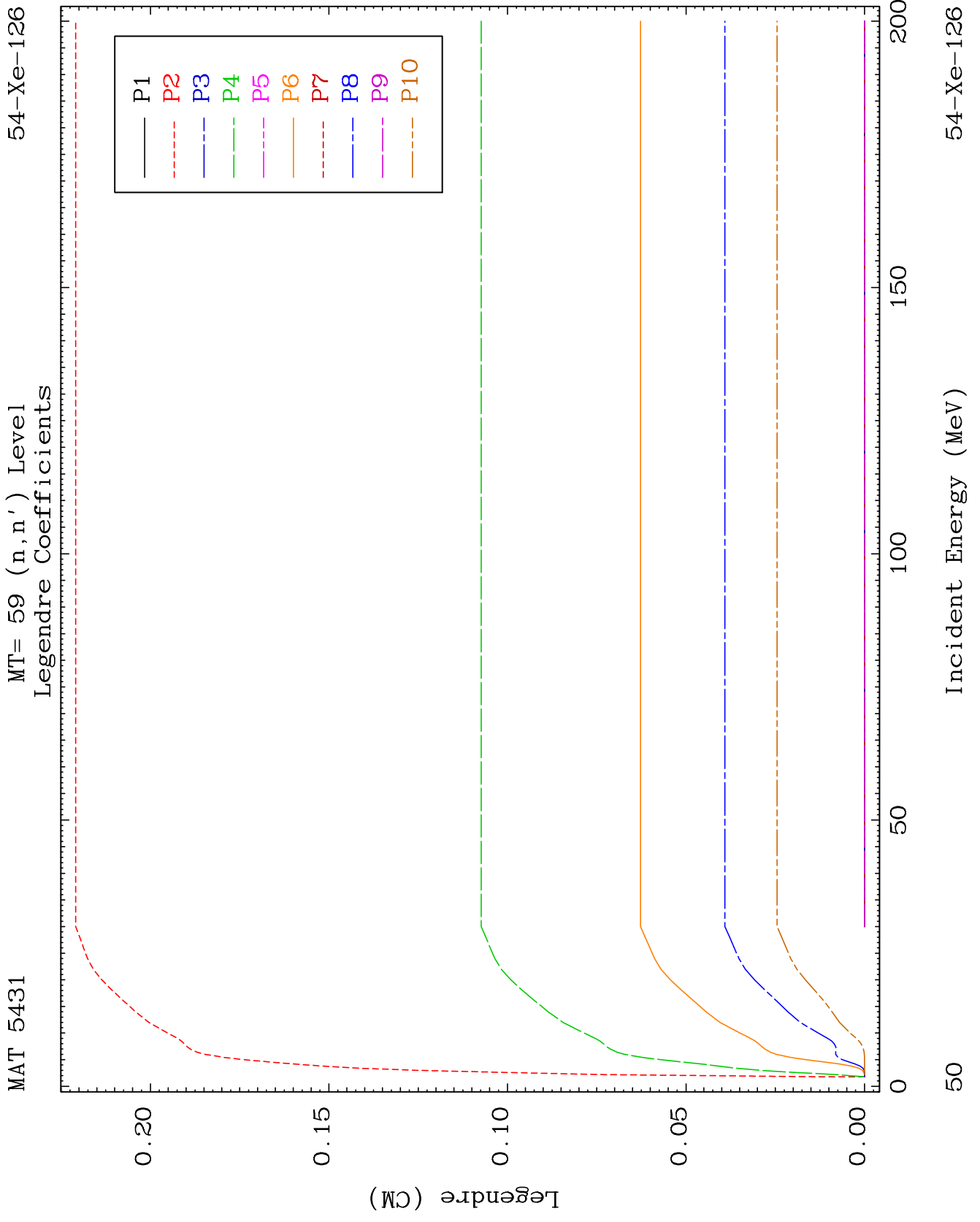
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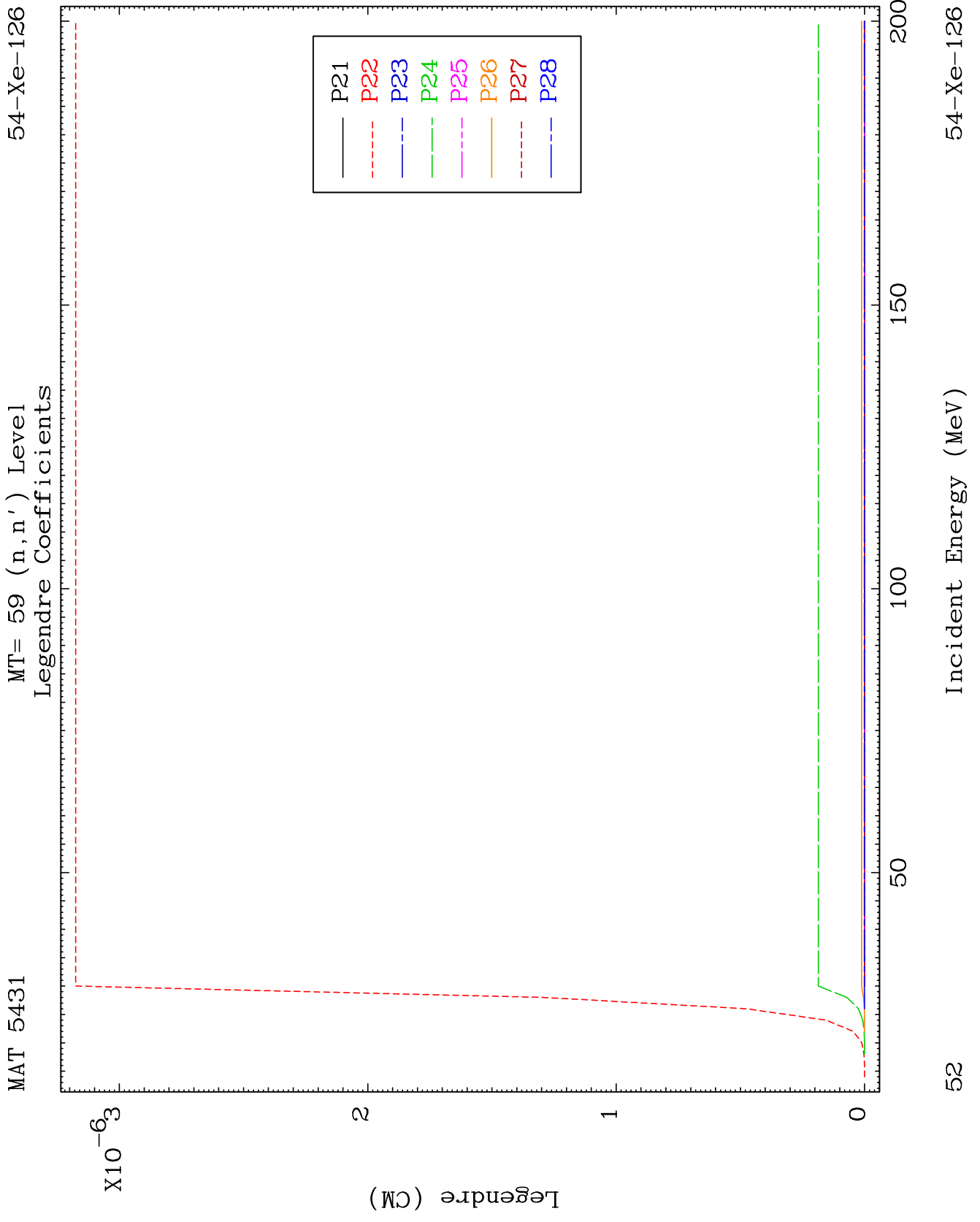


49

Incident Energy (MeV)

54-Xe-126

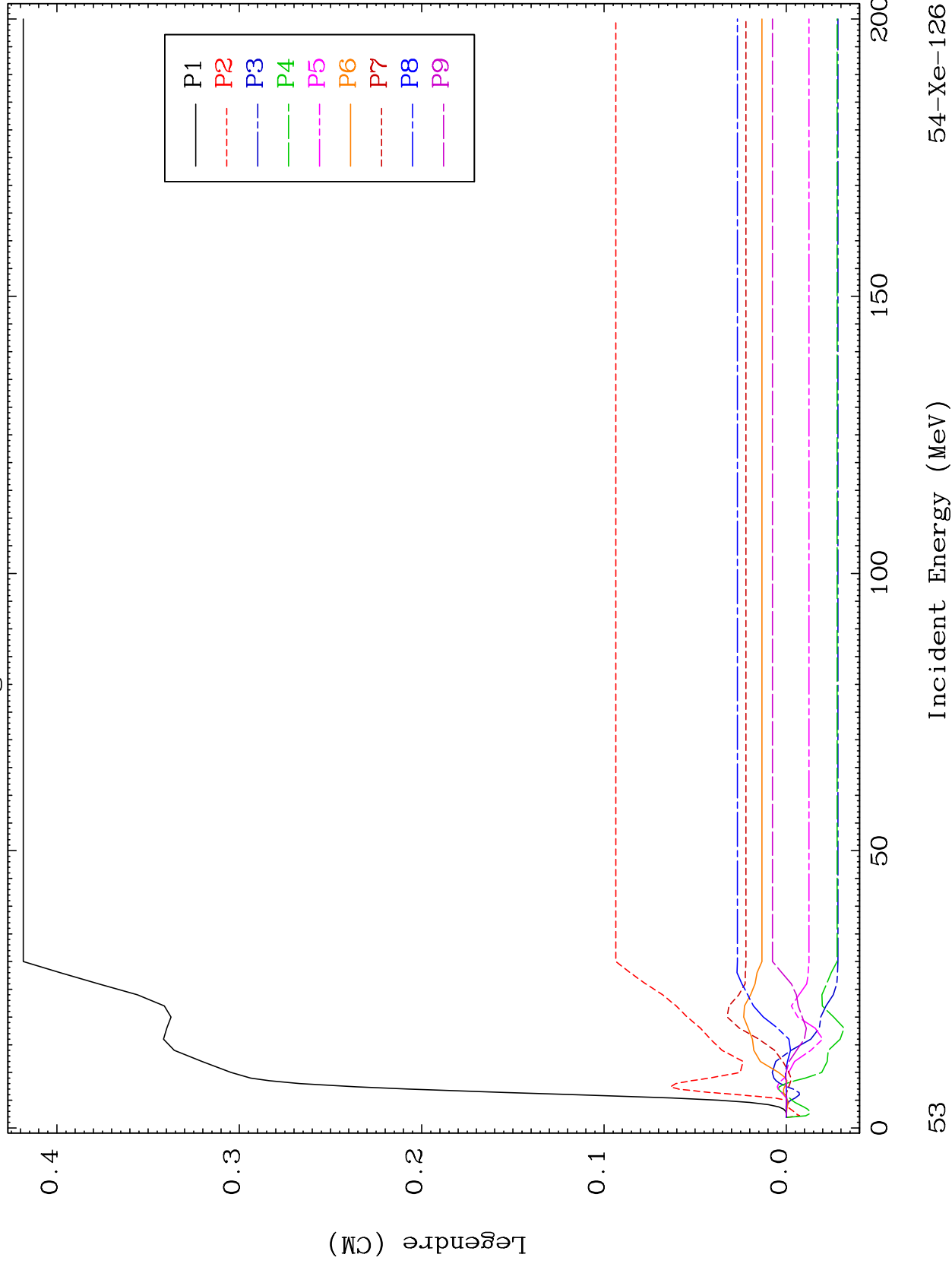




MAT 5431

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

54-Xe-126



54-Xe-126

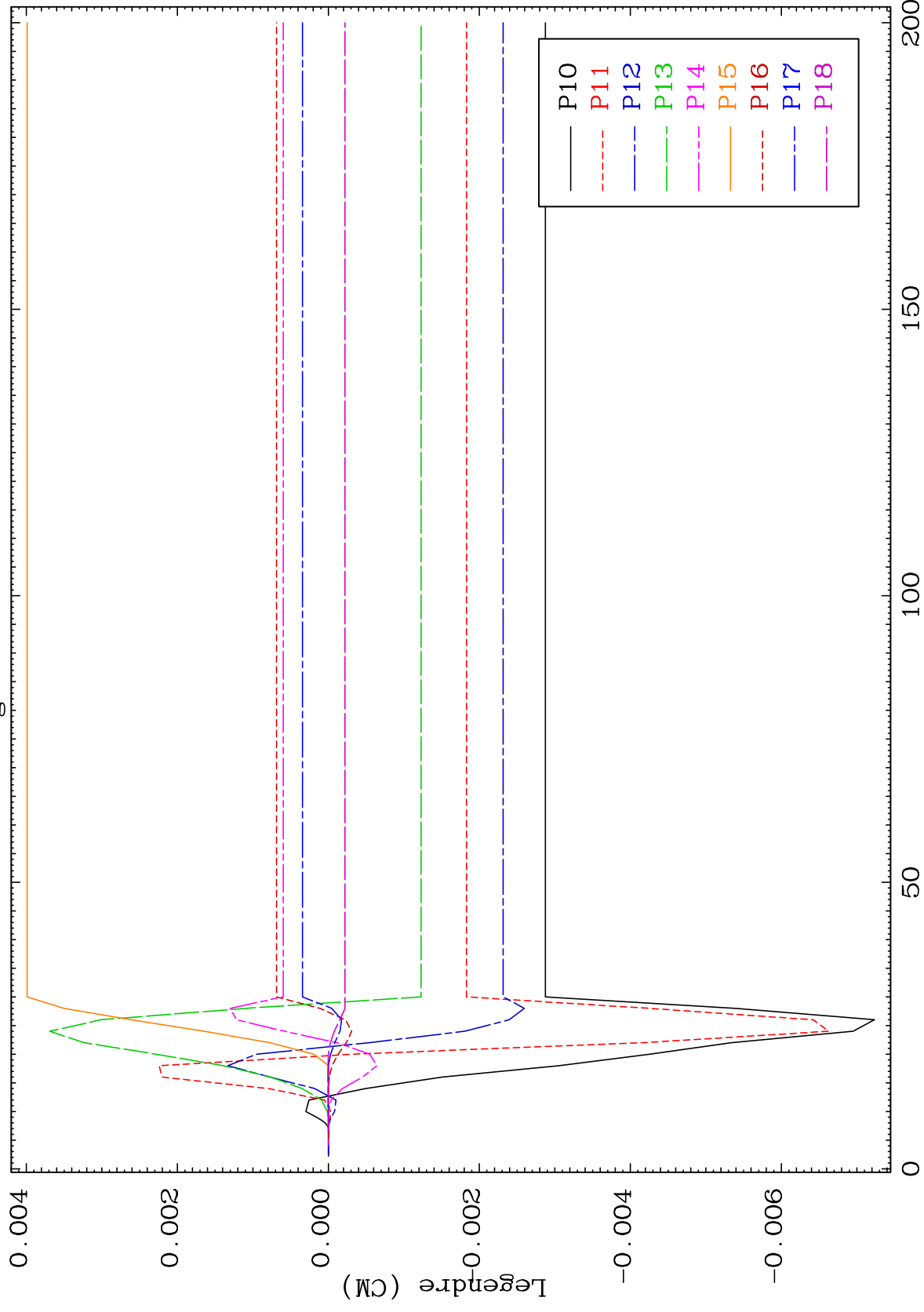
Incident Energy (MeV)

53

MAT 5431

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

54-Xe-126



54

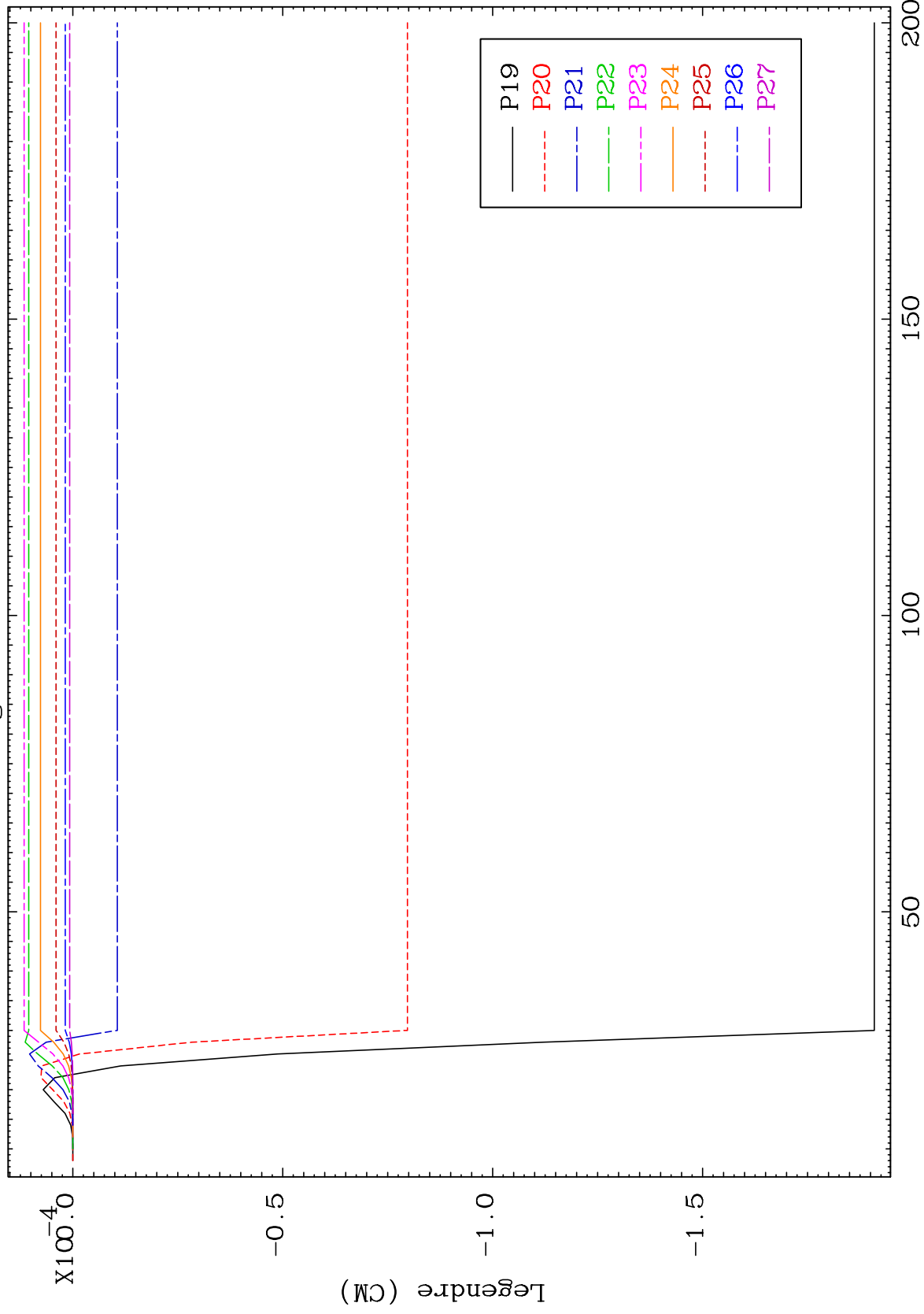
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

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



55

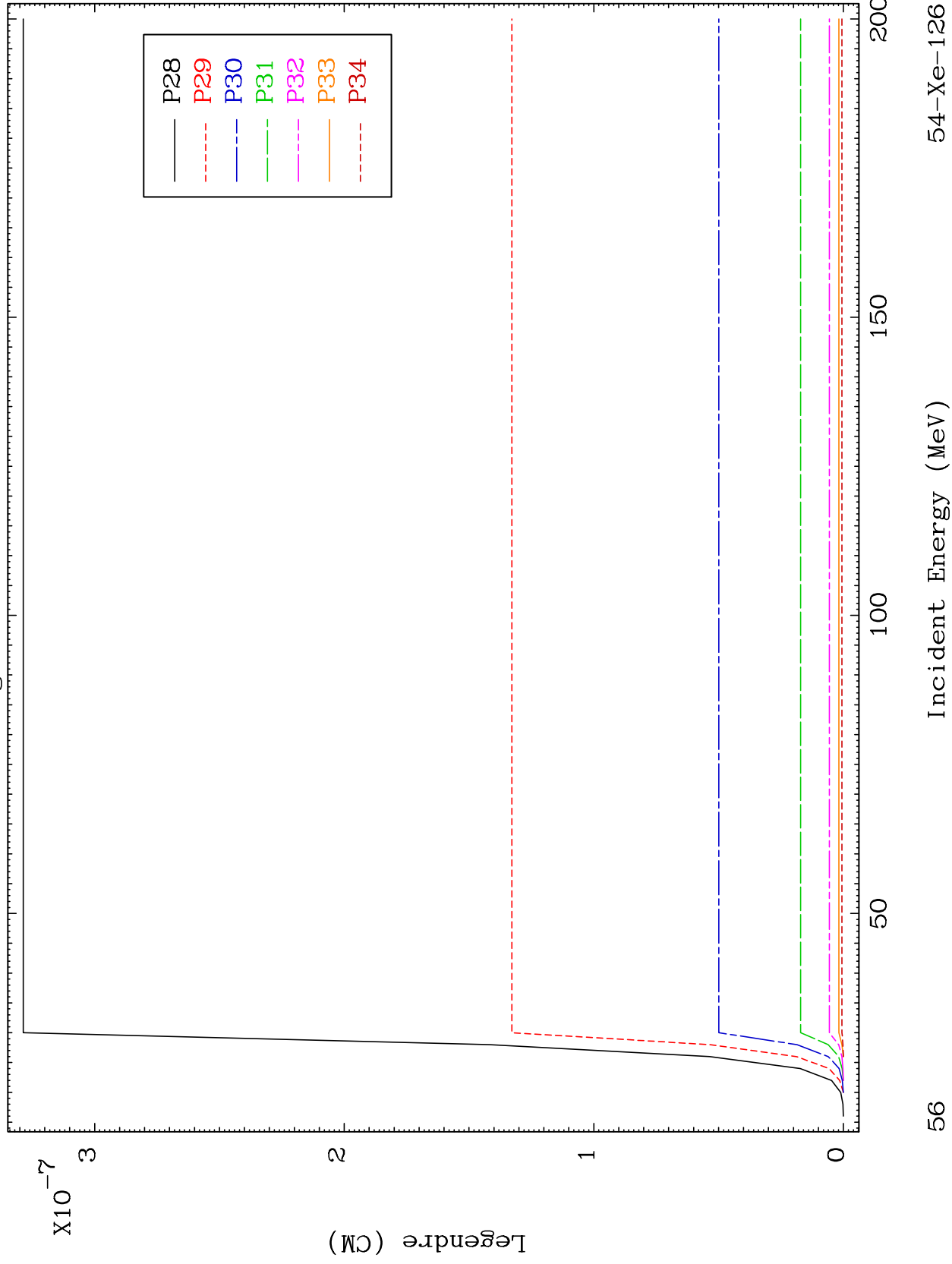
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

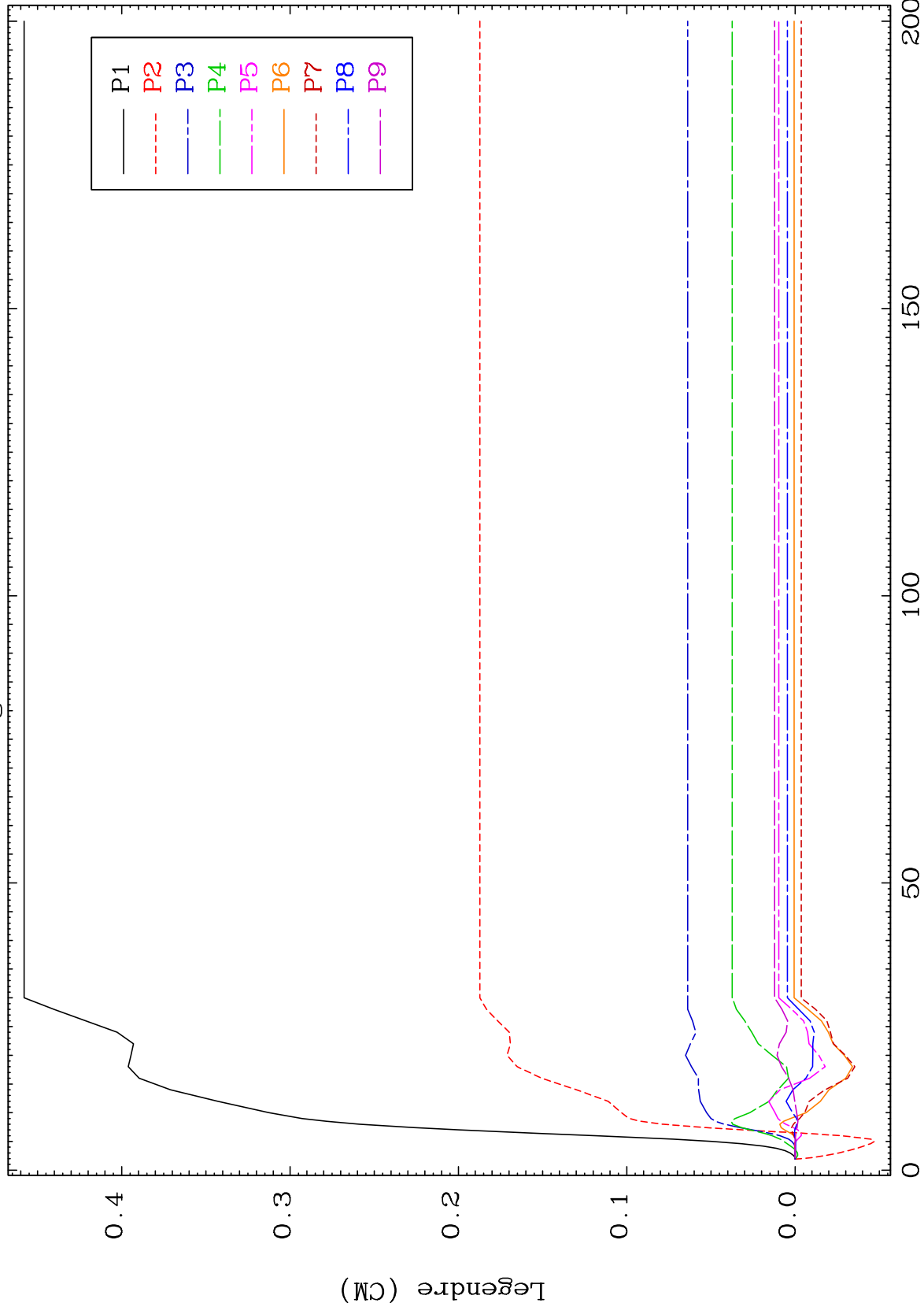
54-Xe-126



MAT 5431

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

54-Xe-126



57

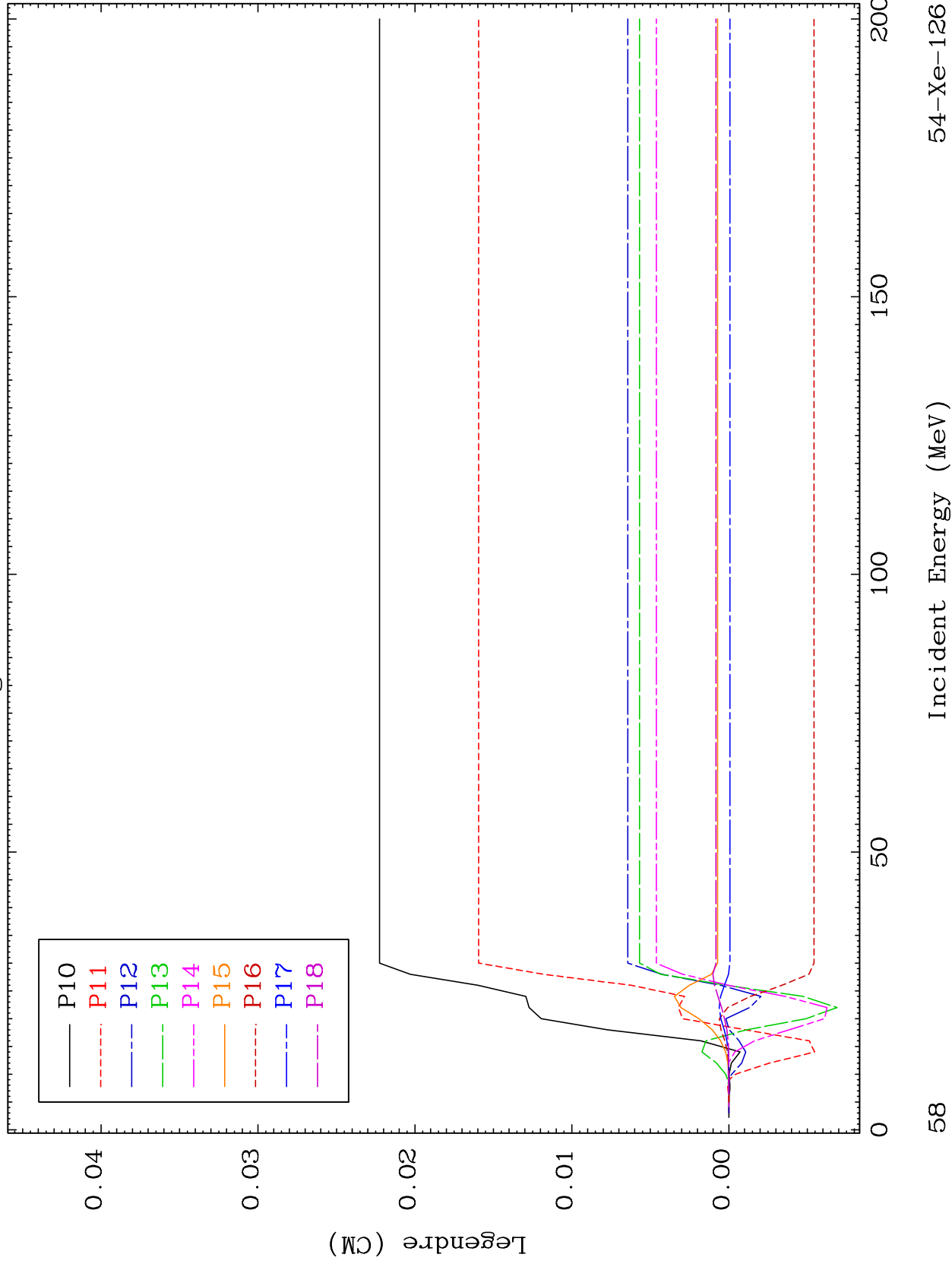
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

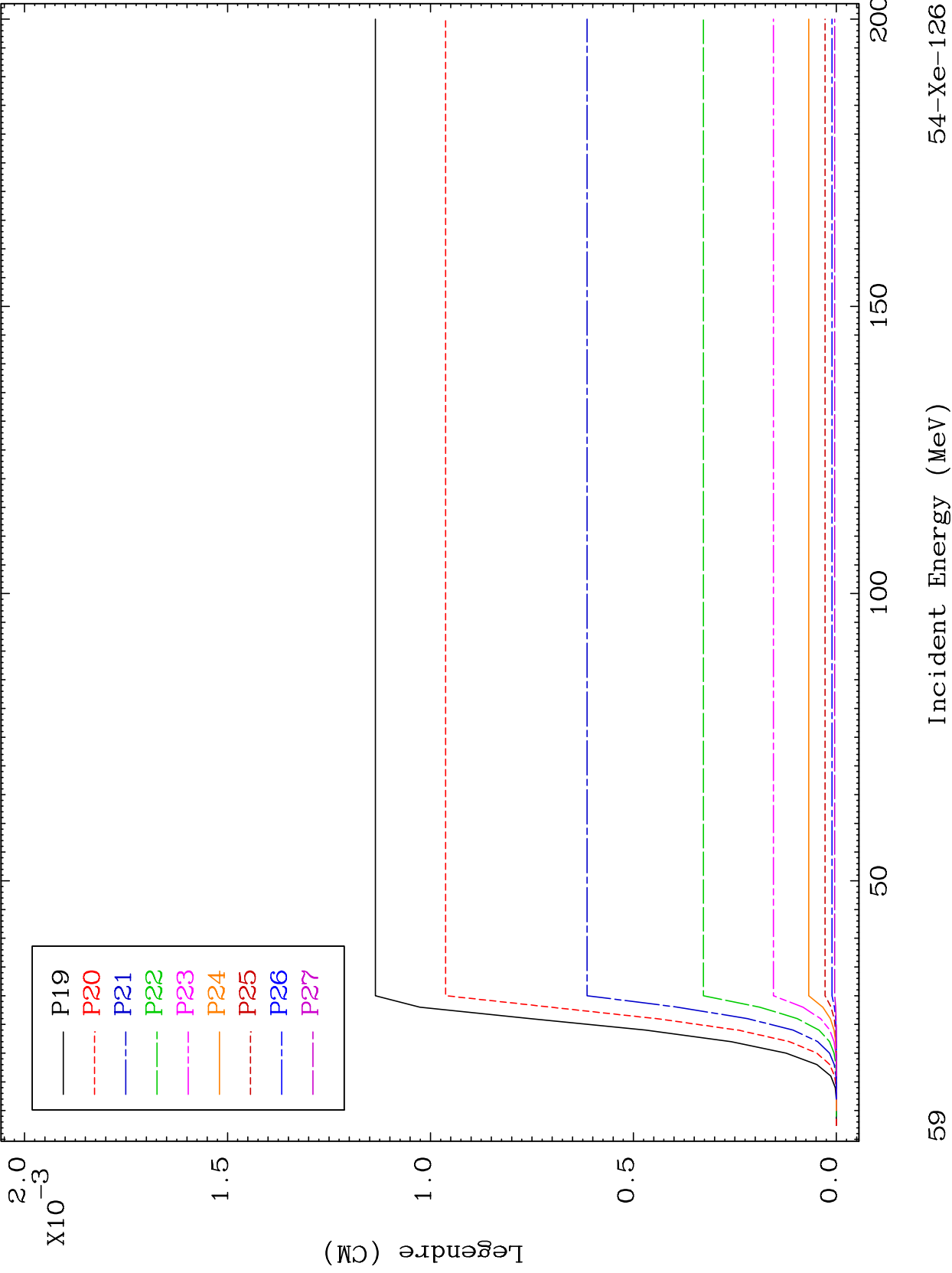
Incident Energy (MeV)

58

MAT 5431

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

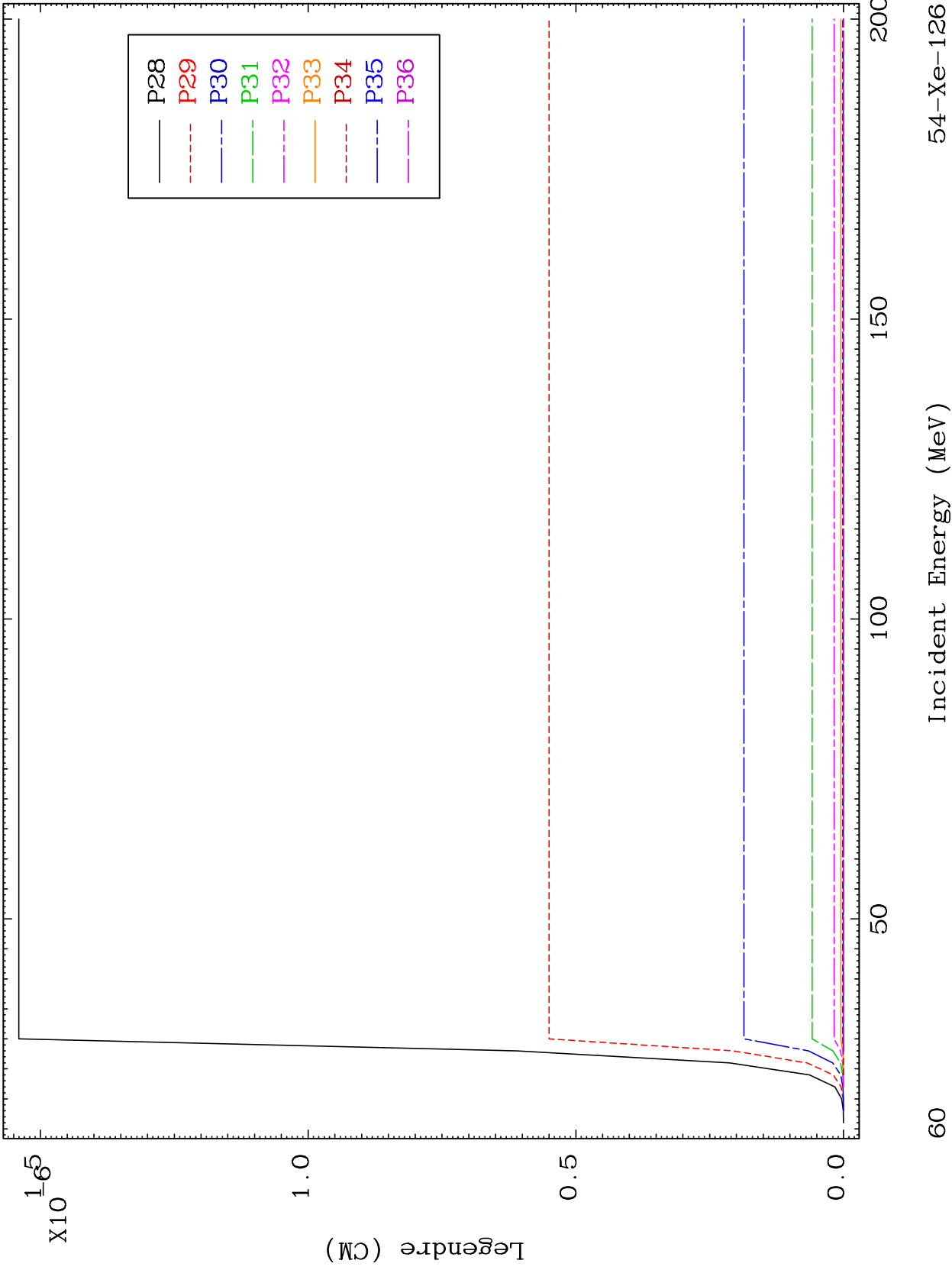
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

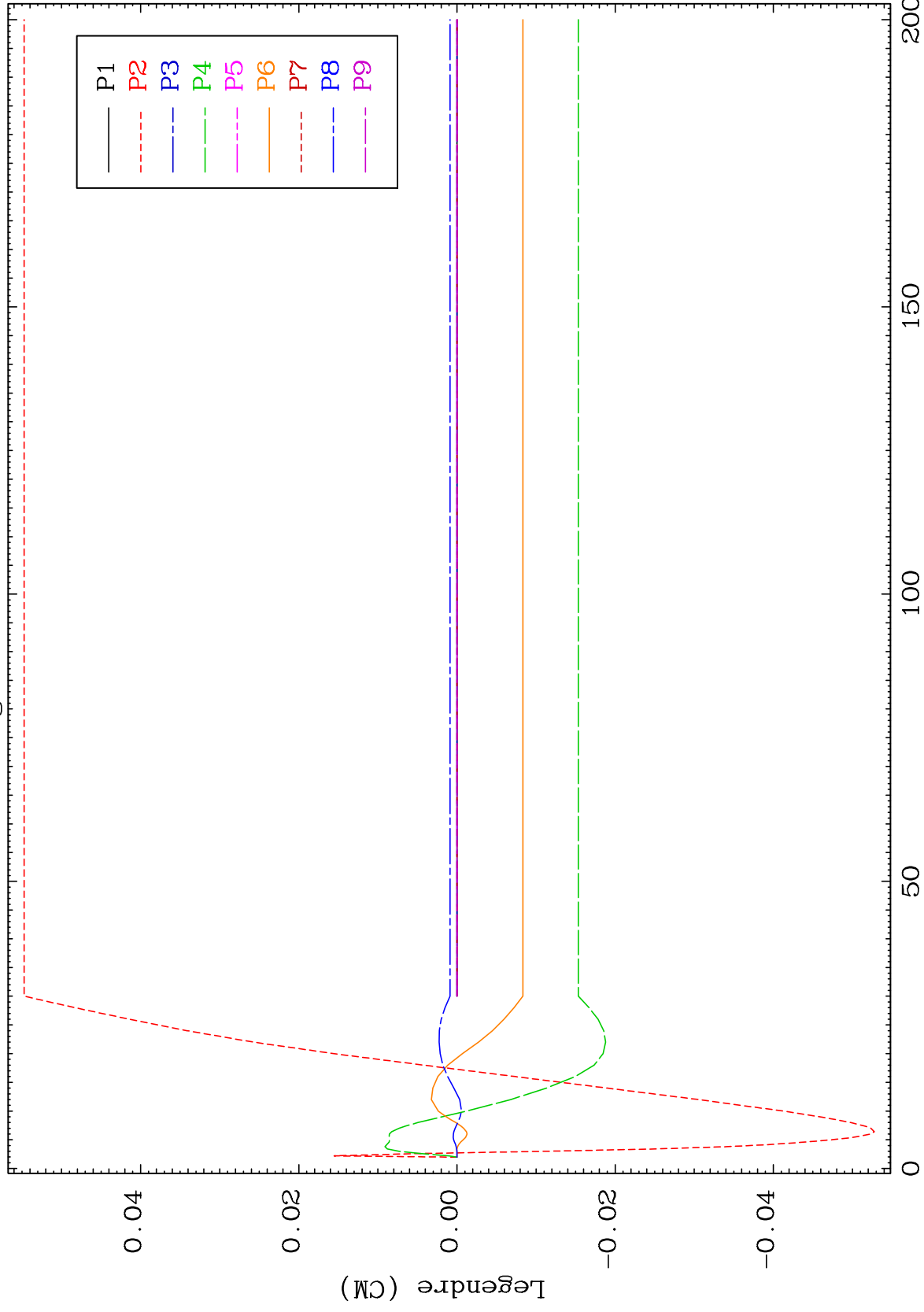
Incident Energy (MeV)

60

MAT 5431

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

54-Xe-126



61

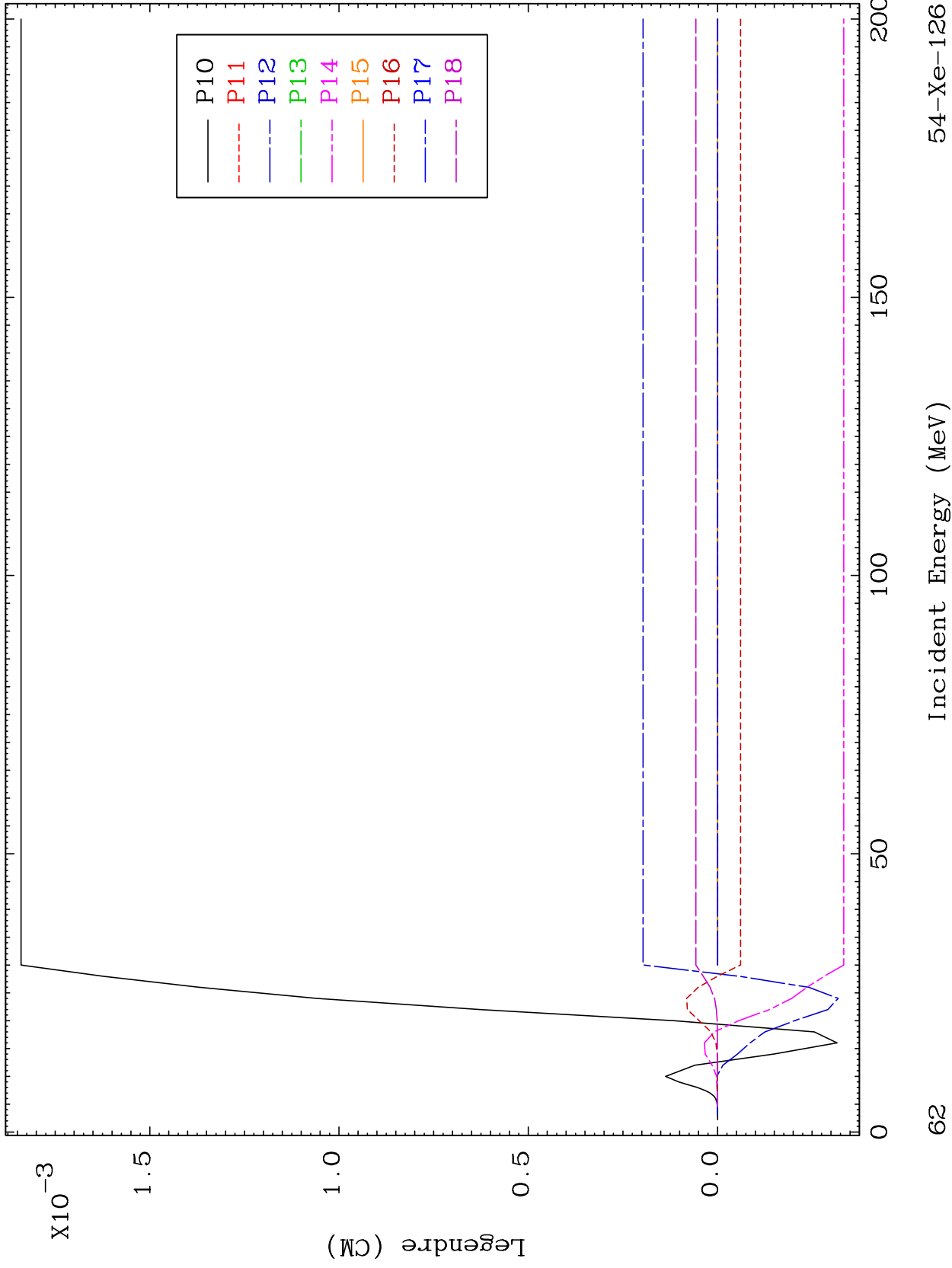
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

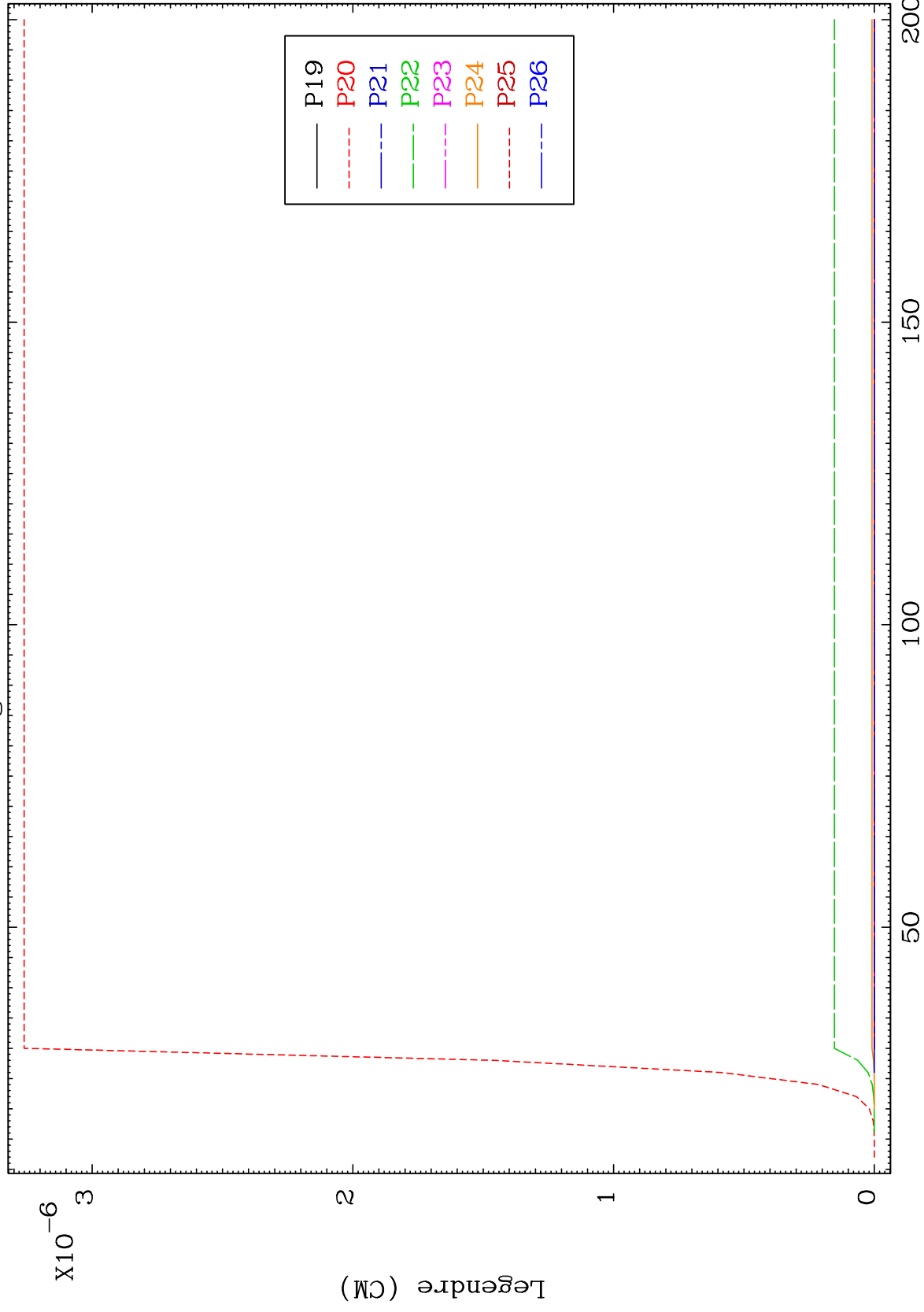
54-Xe-126



MAT 5431

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

54-Xe-126



63

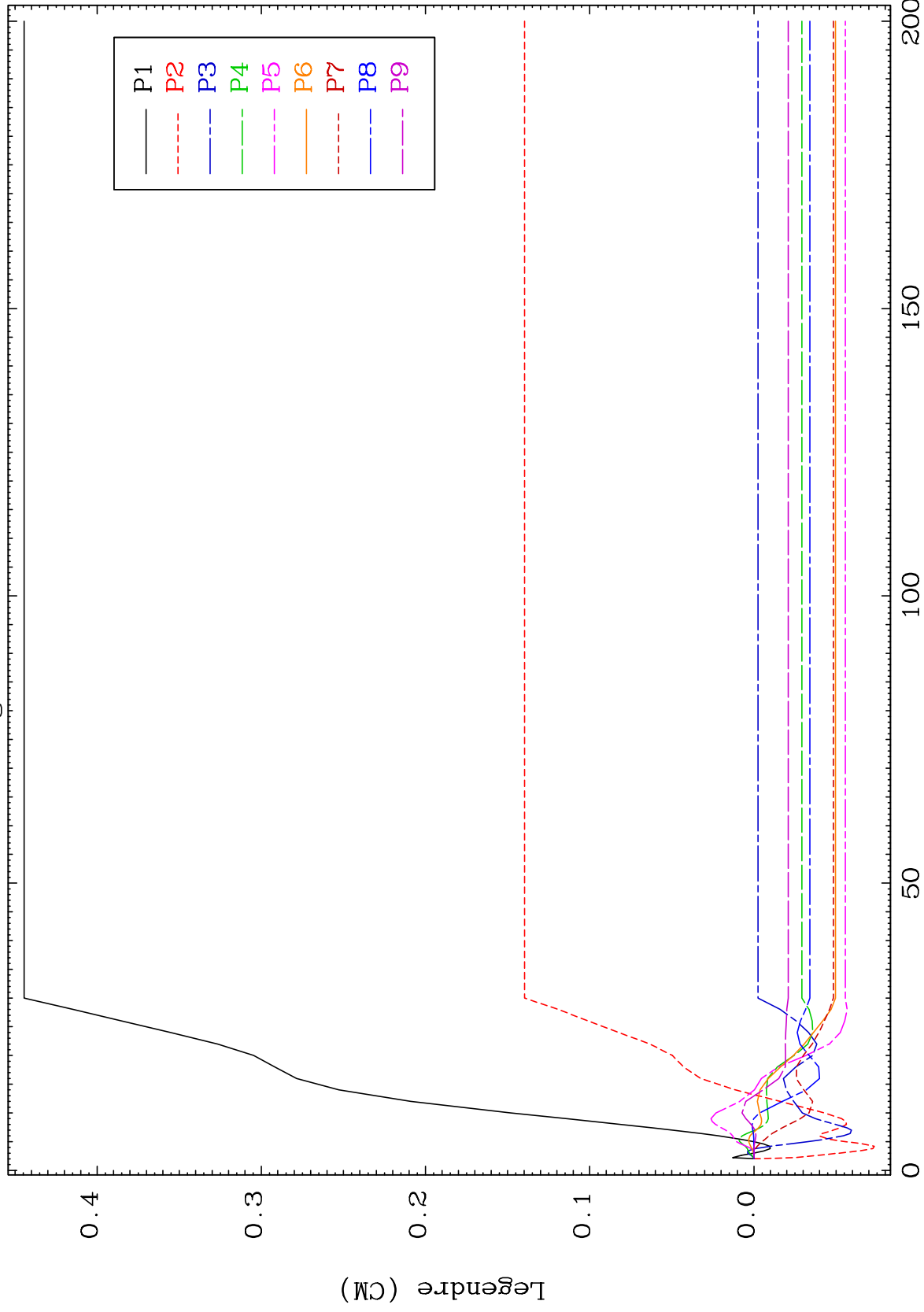
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



64

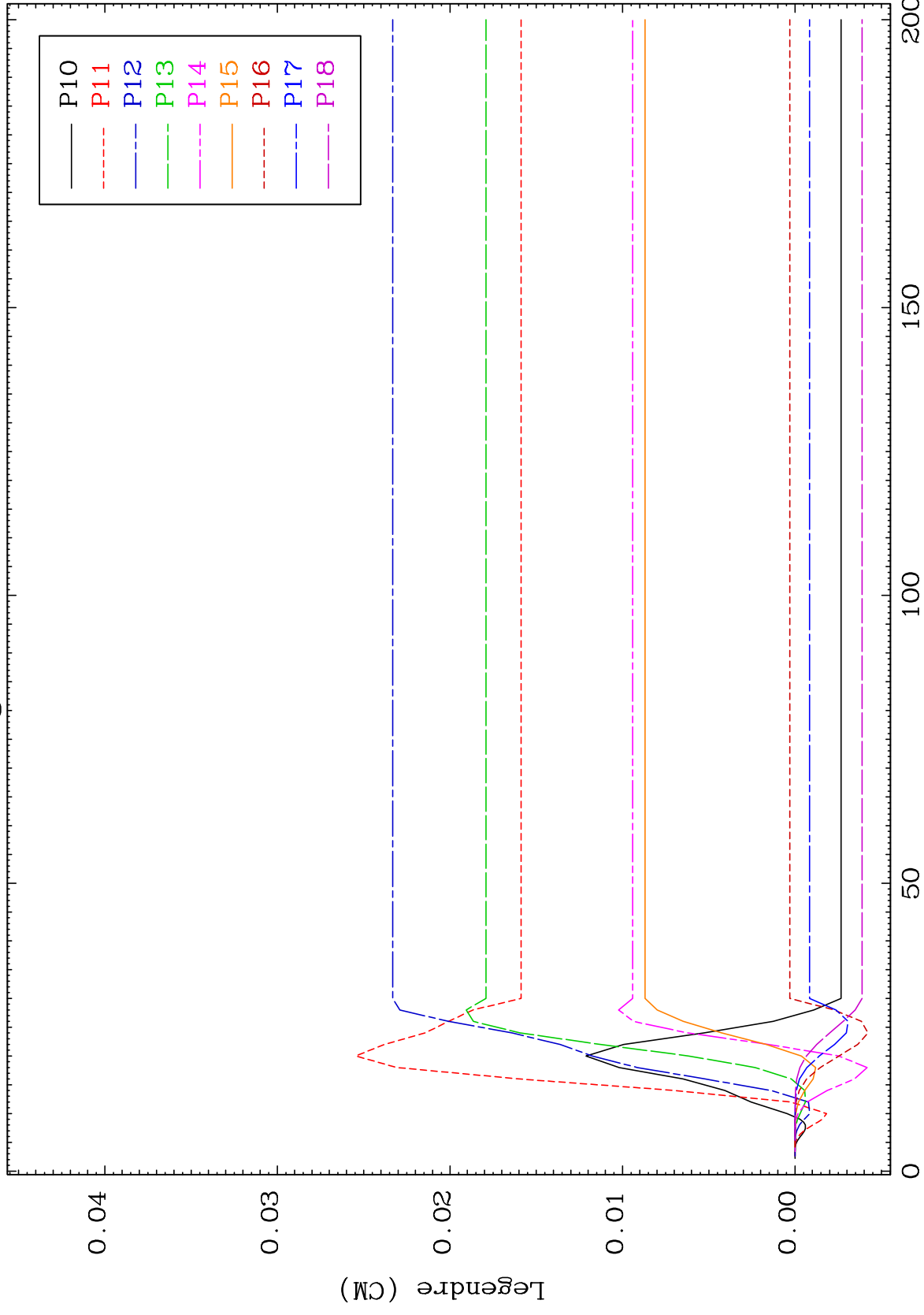
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

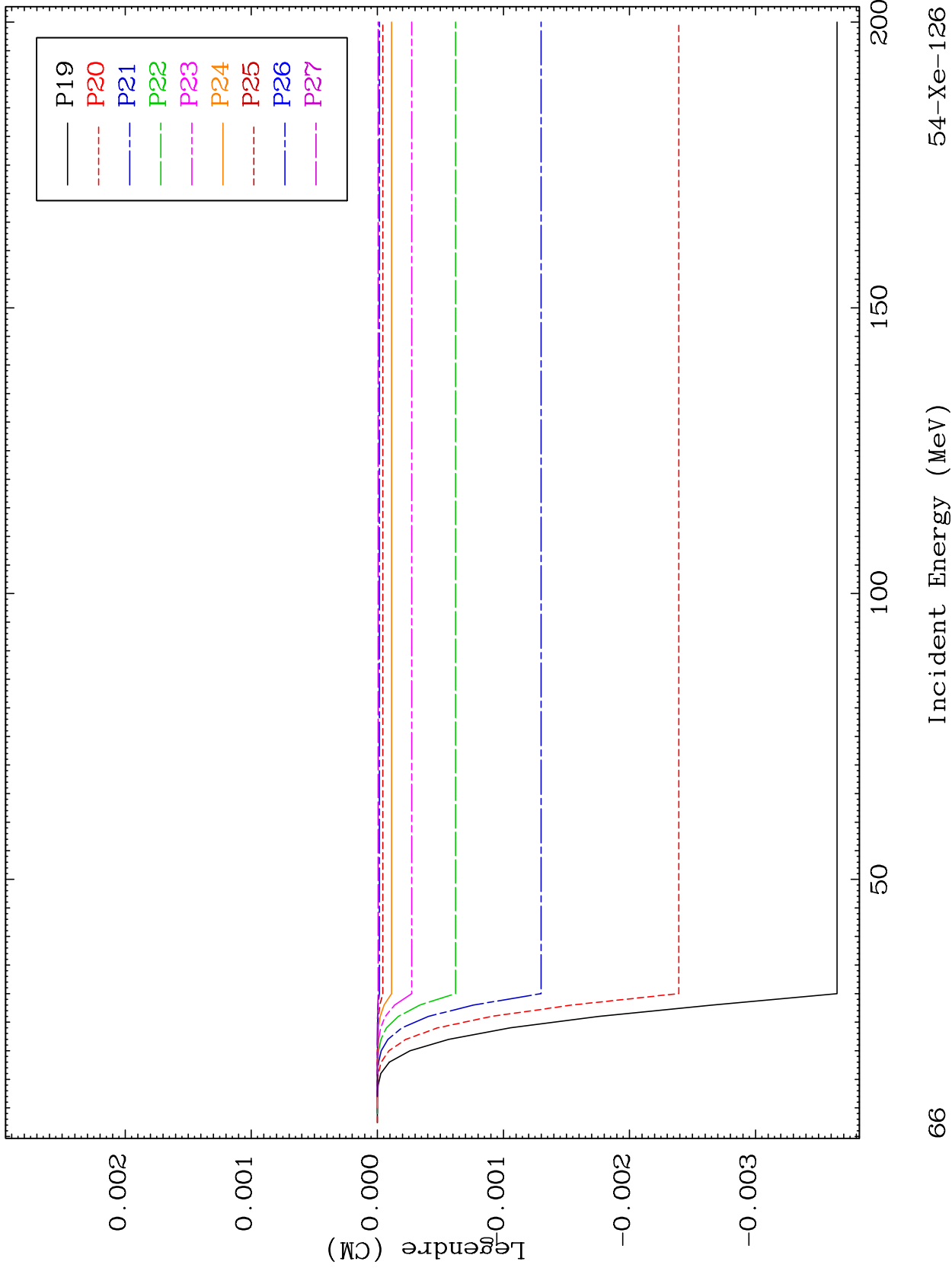
54-Xe-126



54-Xe-126

Incident Energy (MeV)

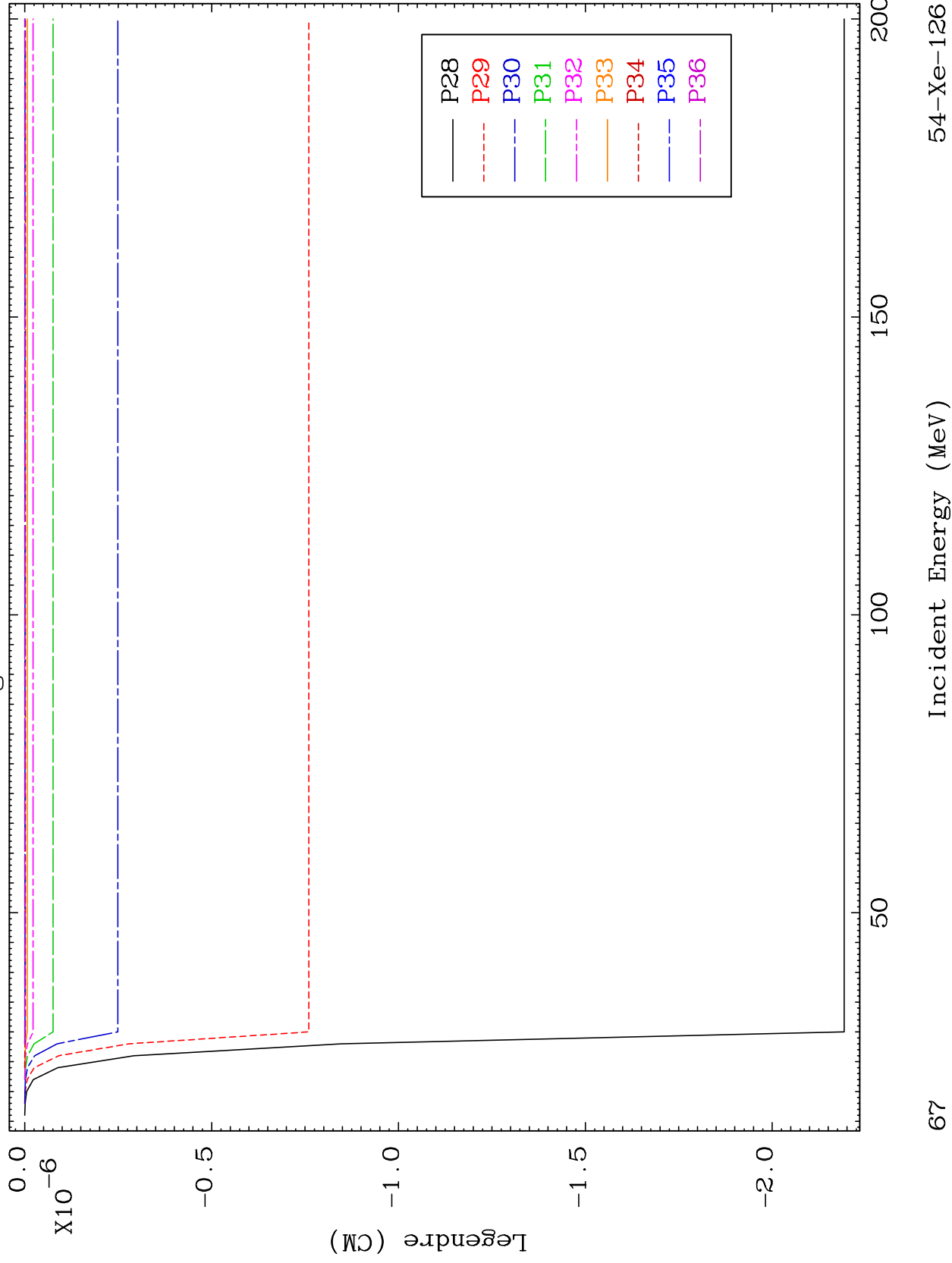
65



MAT 5431

54-Xe-126

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



67

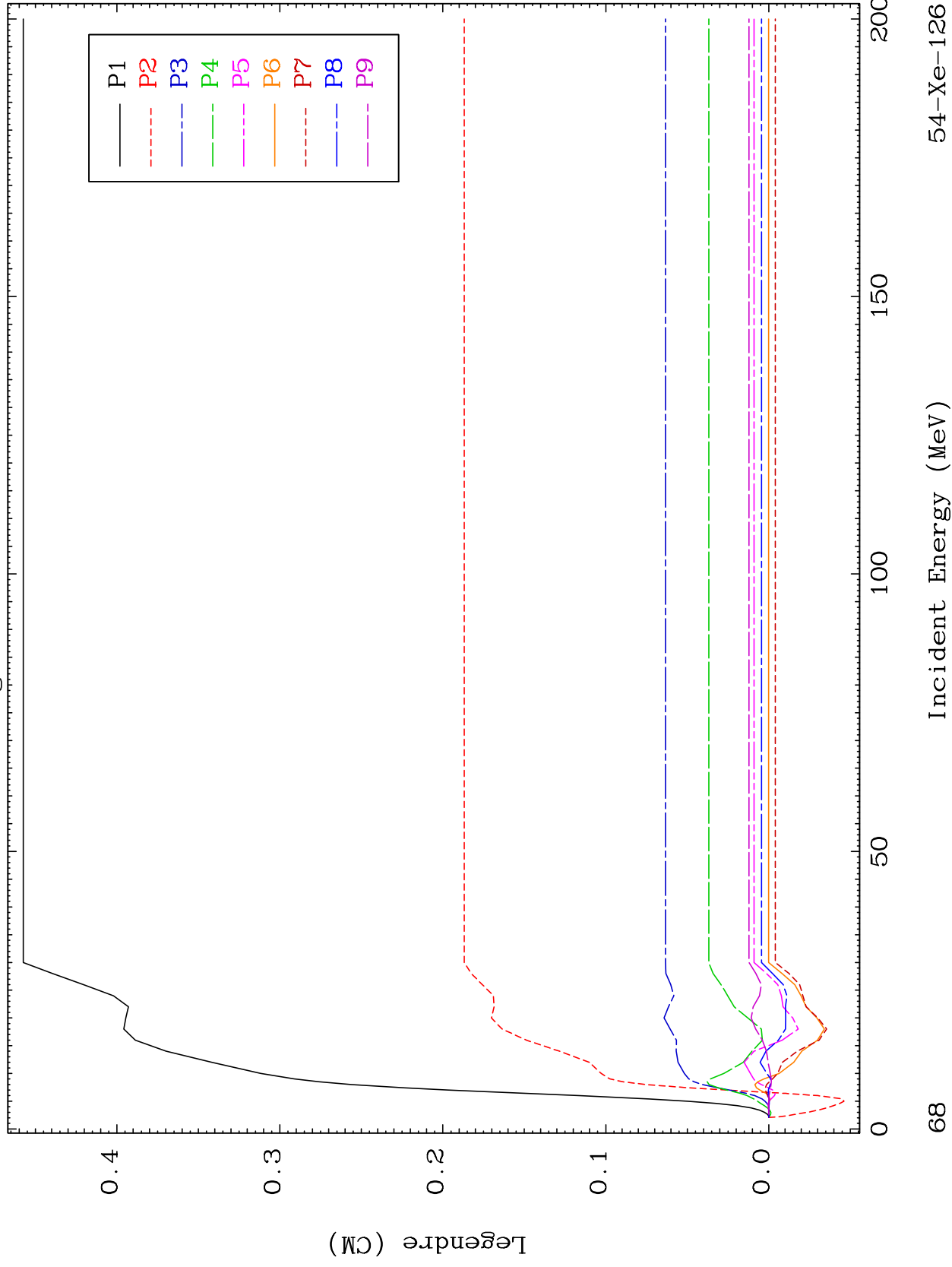
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

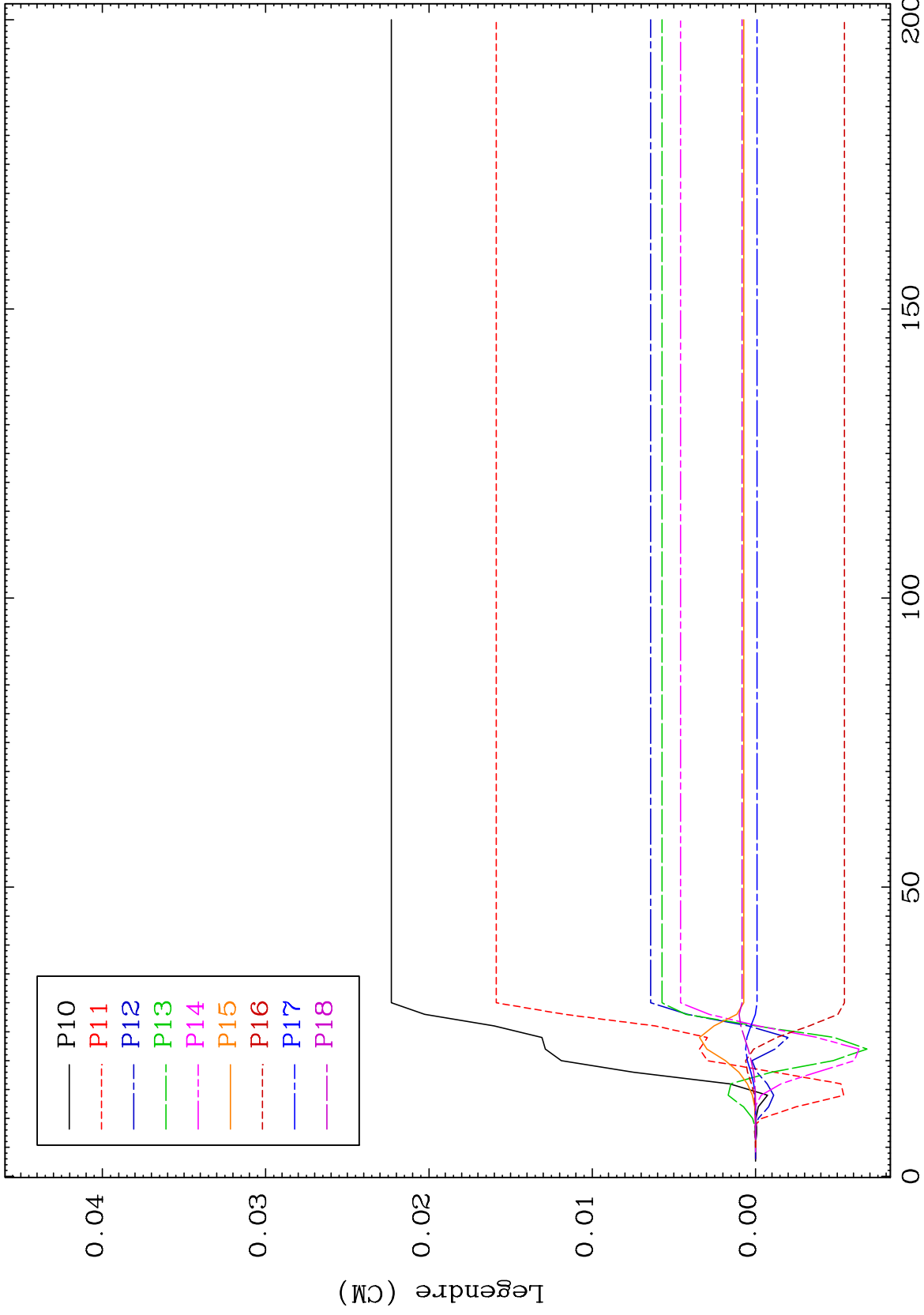
Incident Energy (MeV)

68

MAT 5431

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

54-Xe-126



69

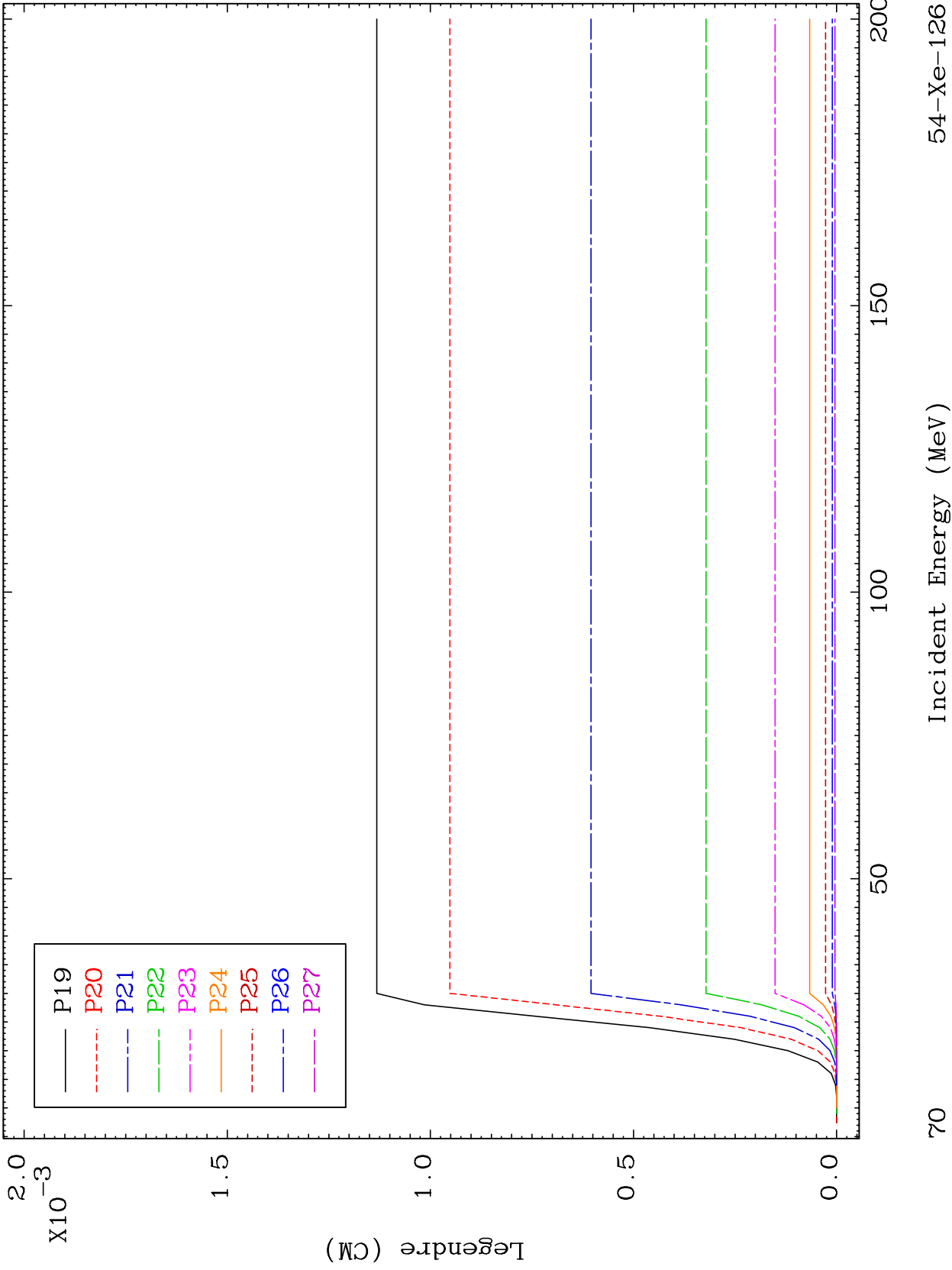
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

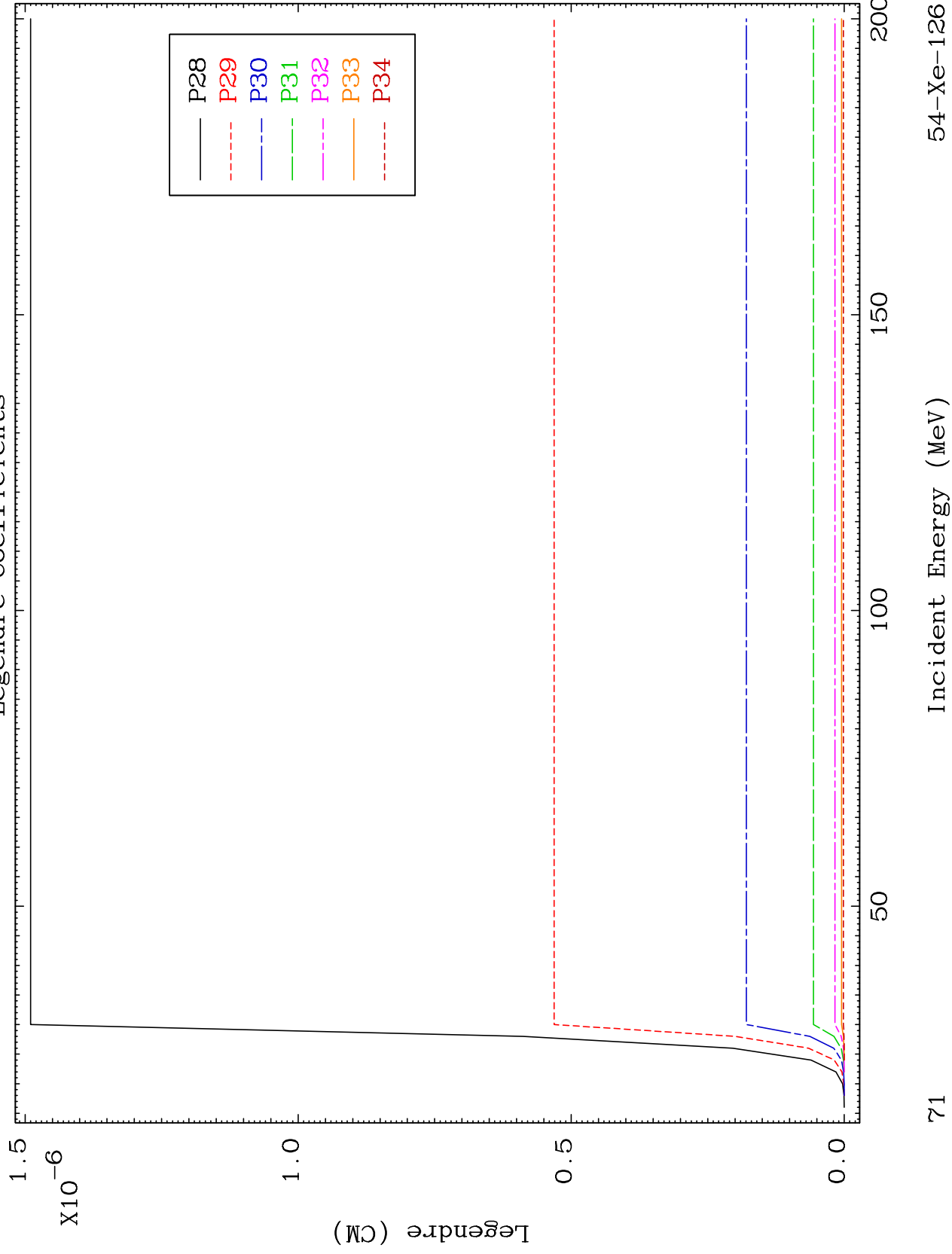
54-Xe-126



MAT 5431

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

54-Xe-126

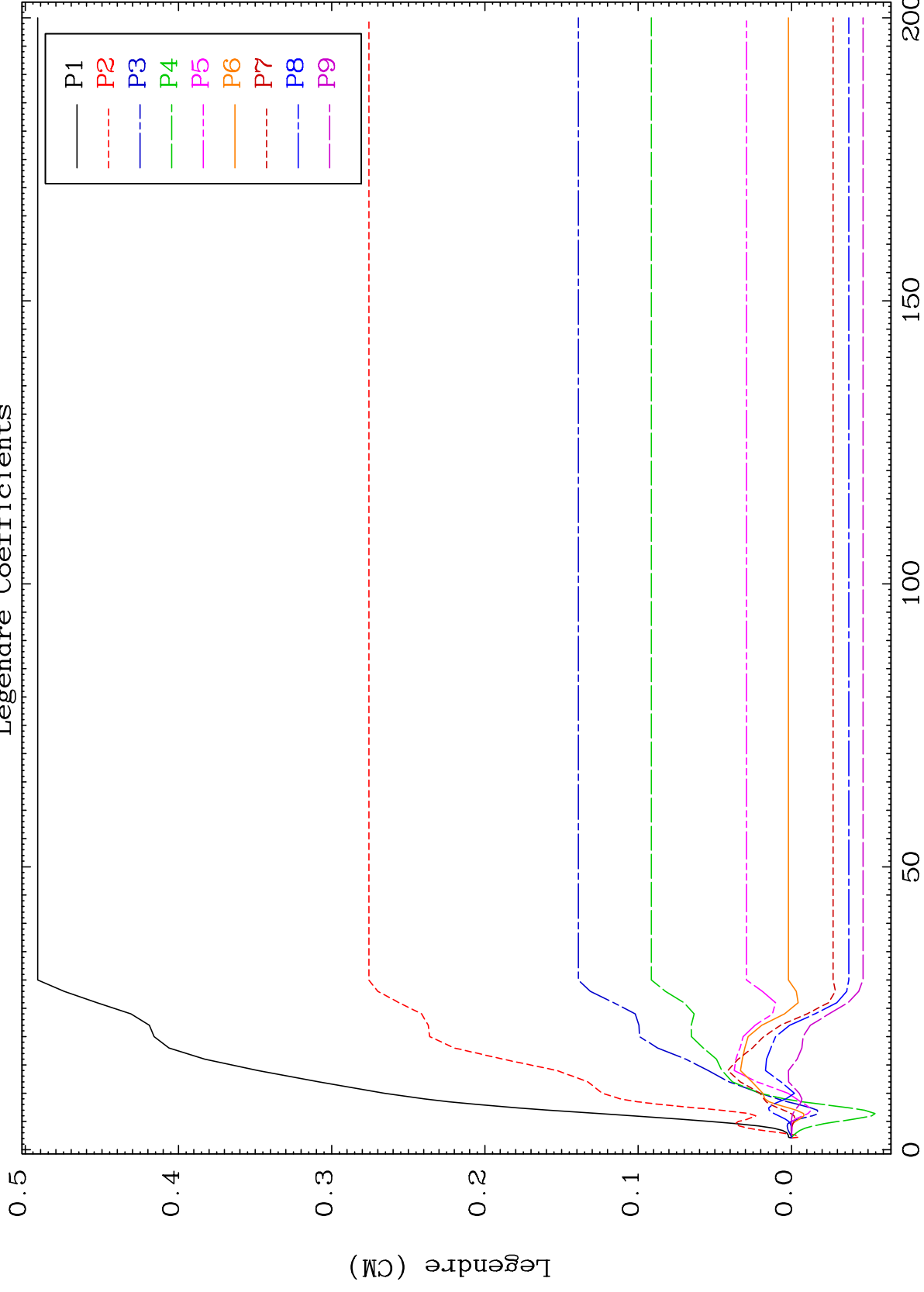


MAT 5431

MT= 65 (n,n') Level

54-Xe-126

Legendre Coefficients



72

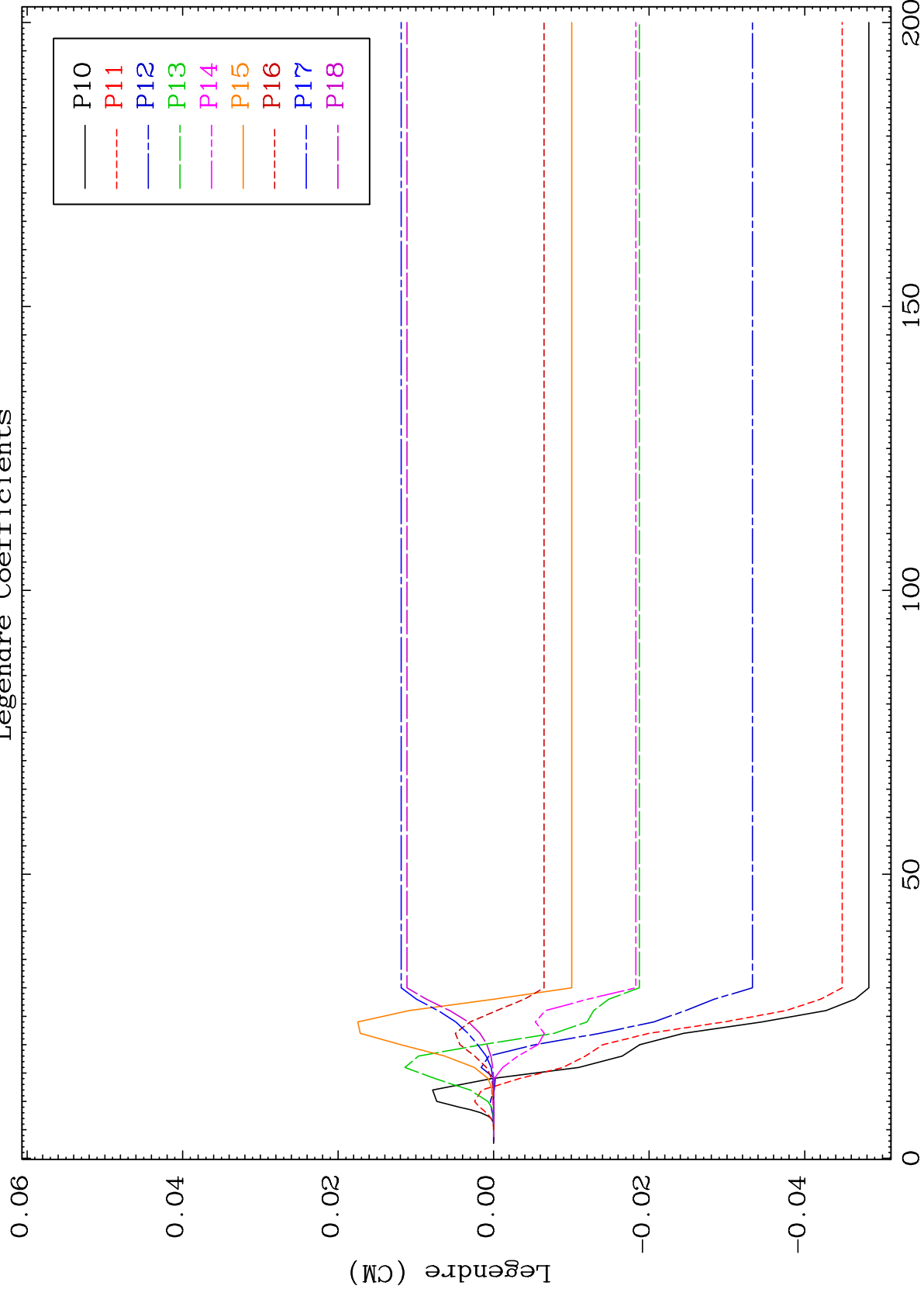
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



73

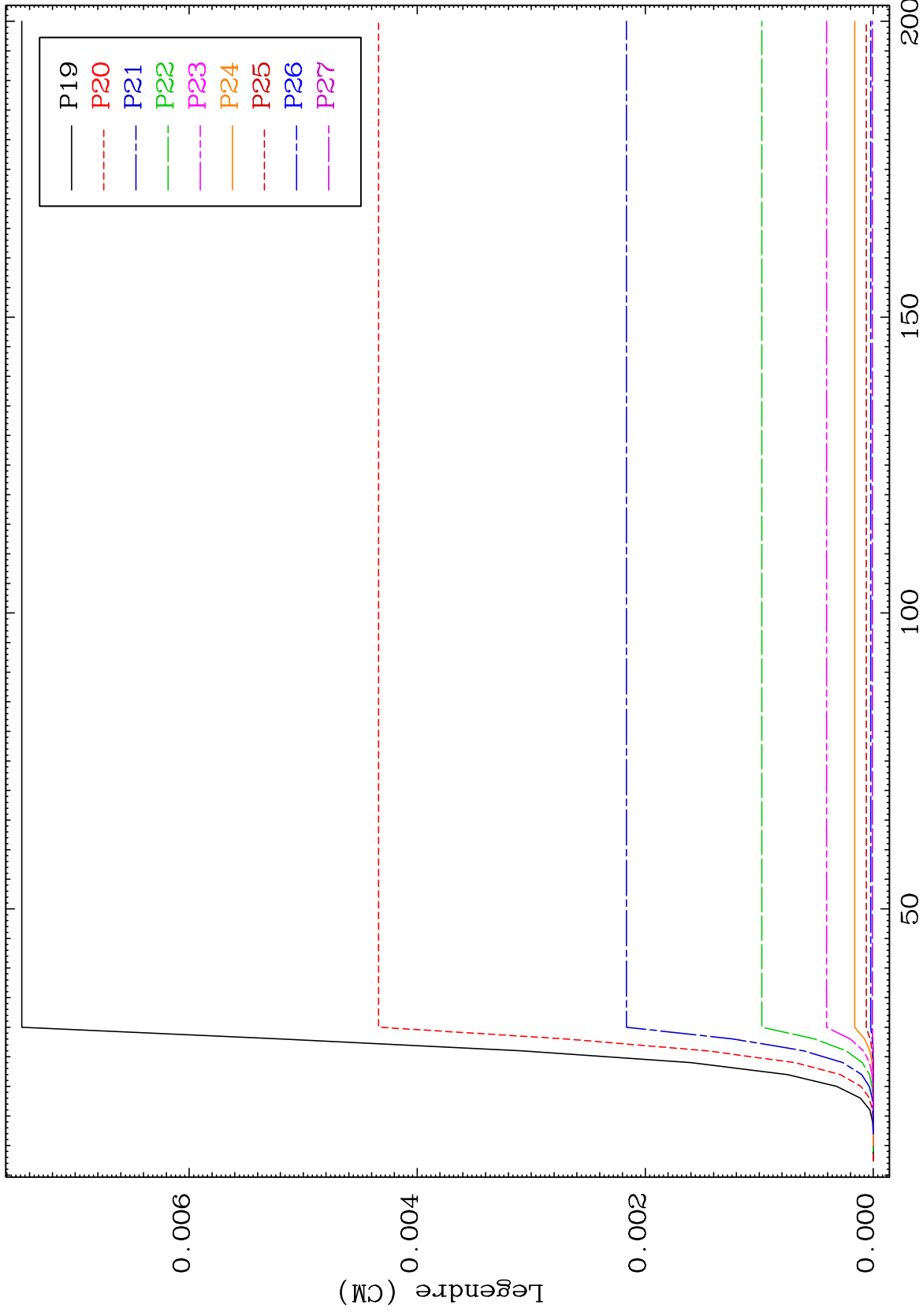
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



74

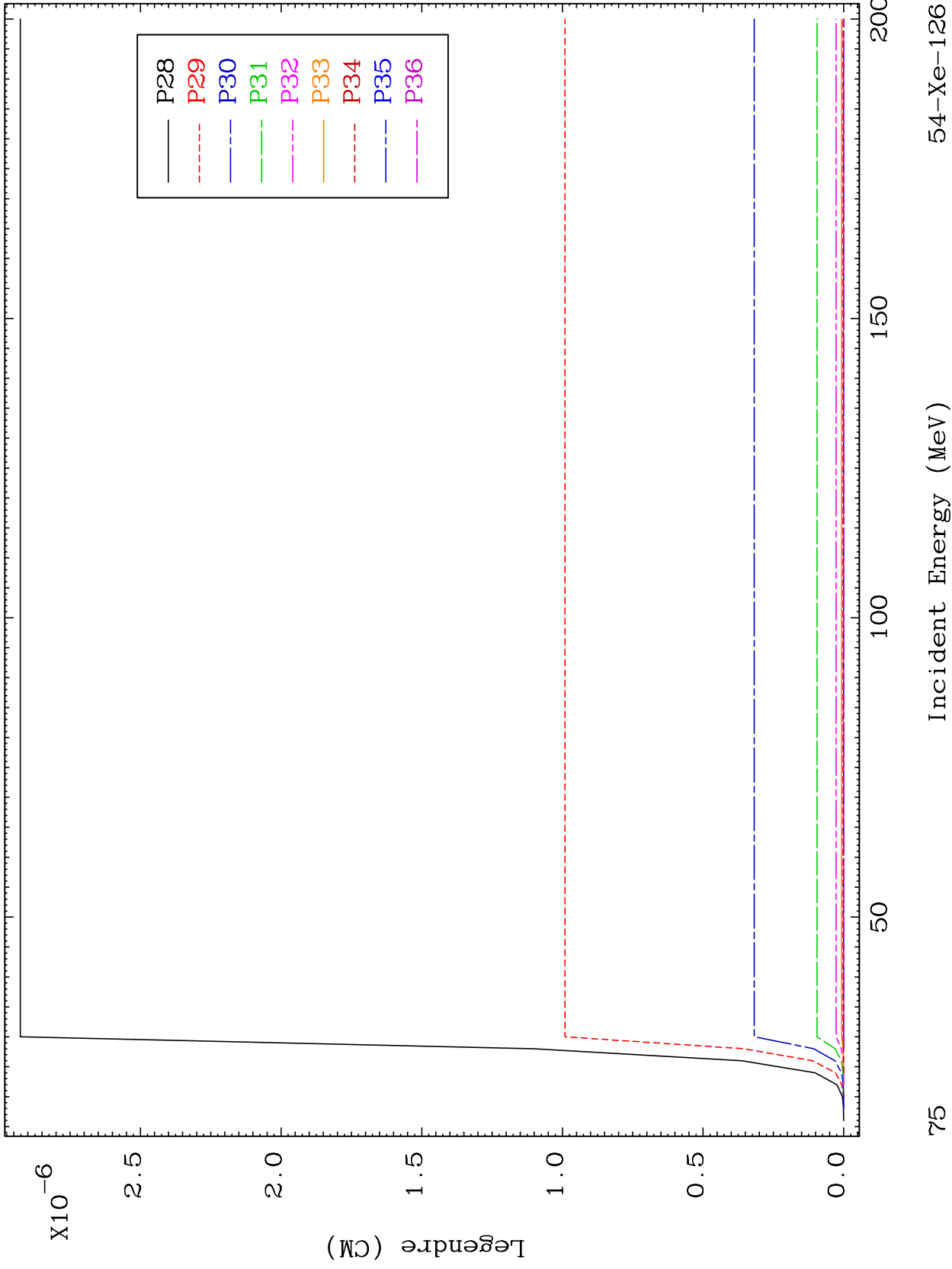
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

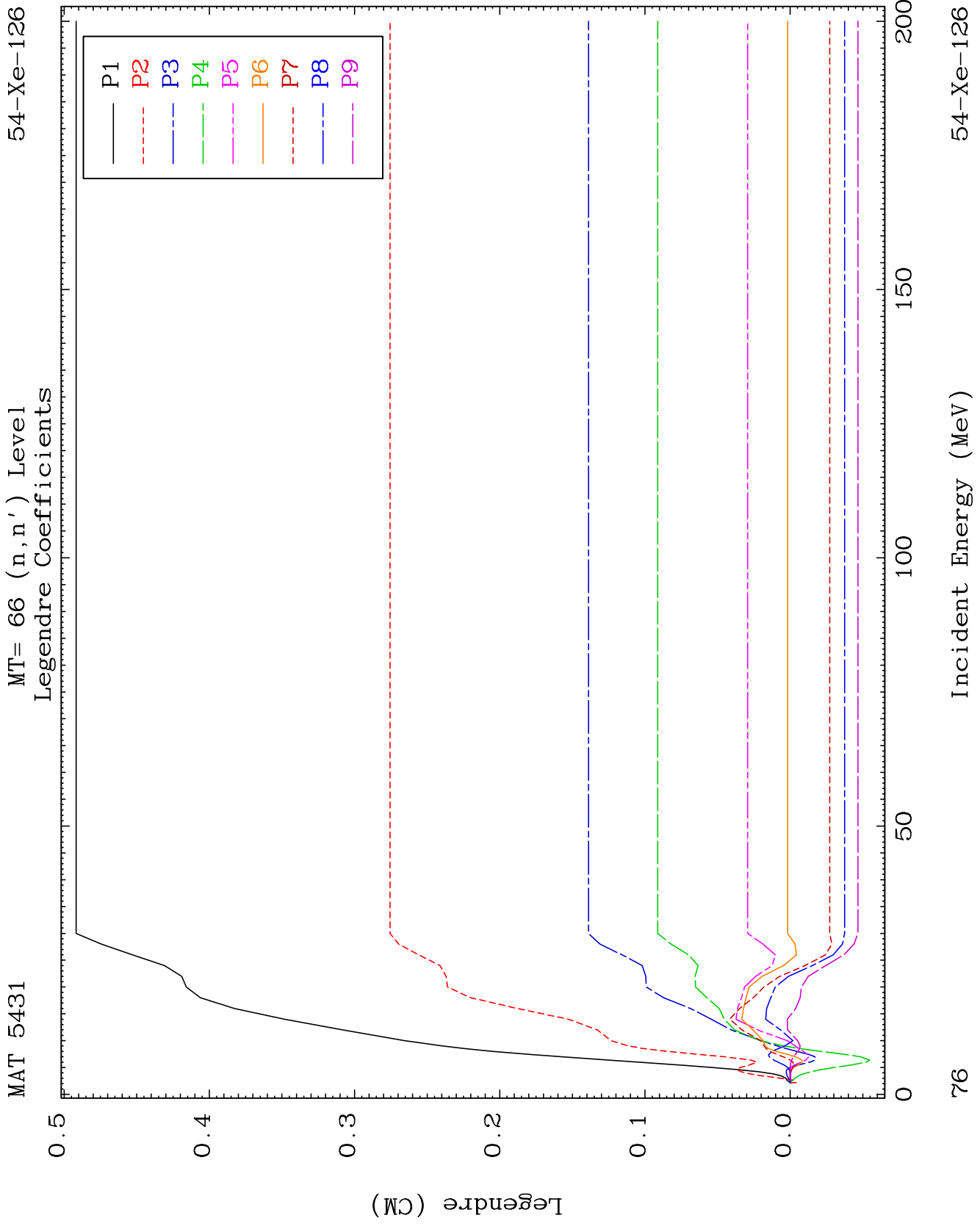
54-Xe-126



75

Incident Energy (MeV)

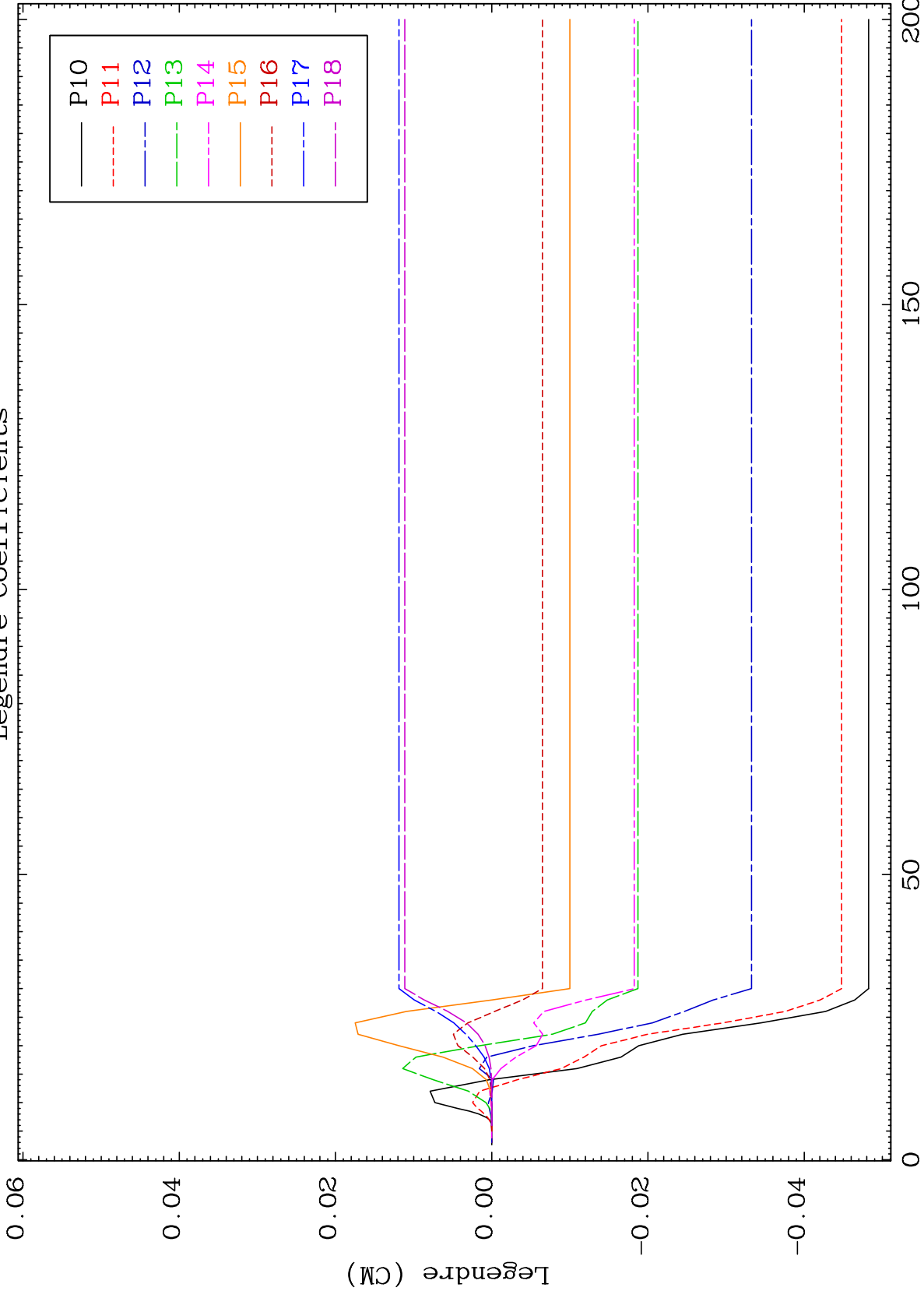
54-Xe-126



MAT 5431

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

54-Xe-126



77

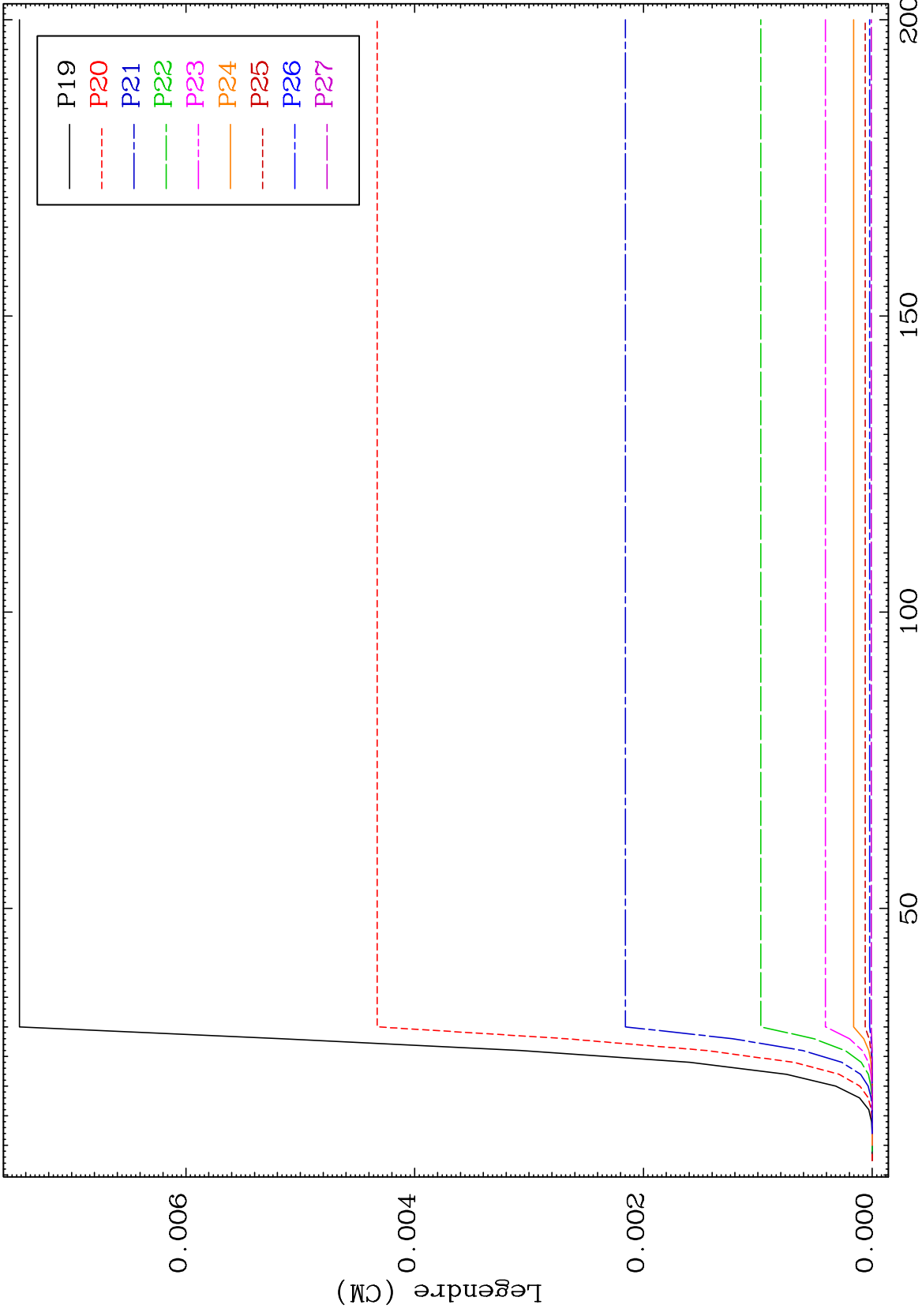
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



78

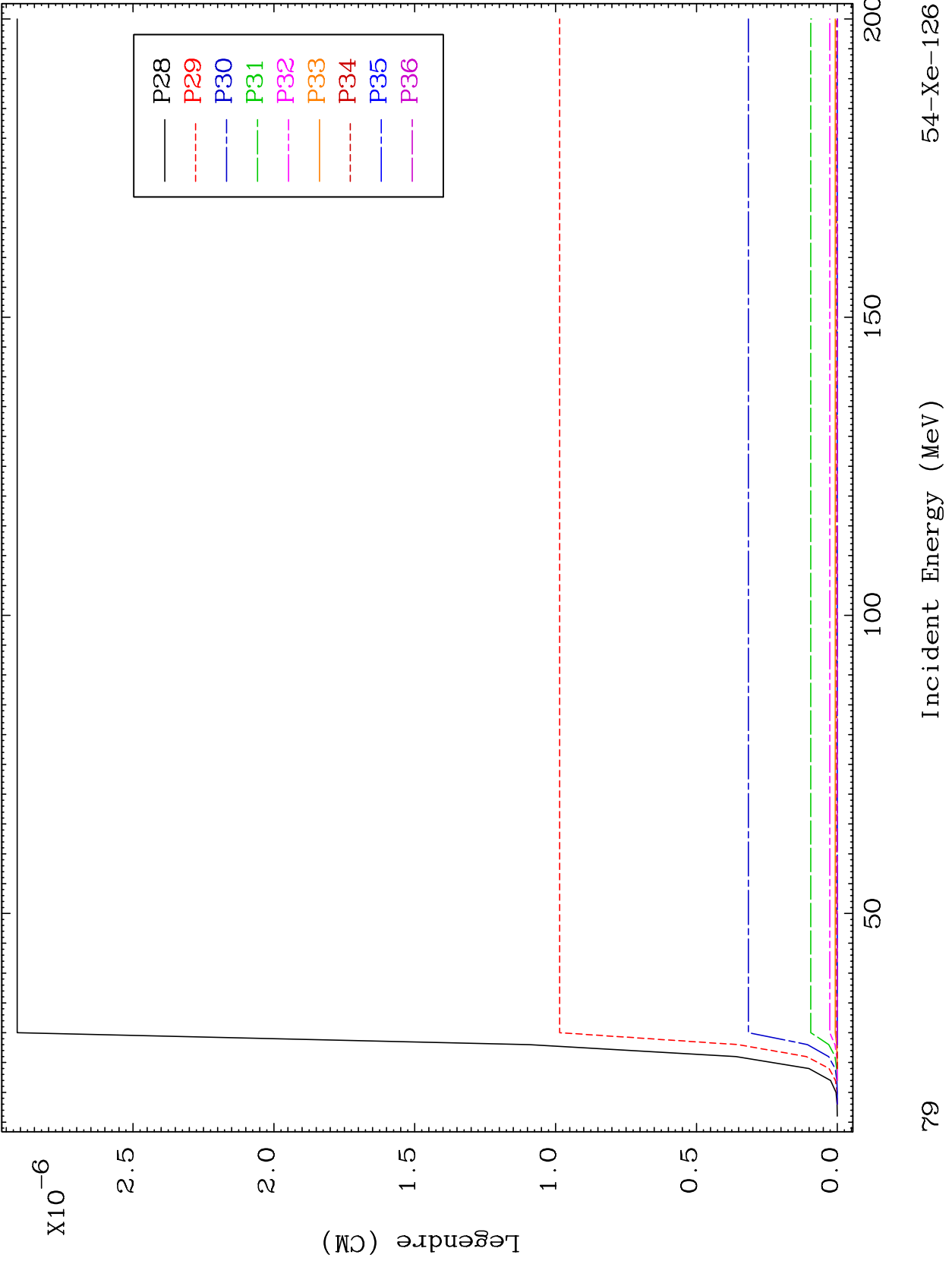
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



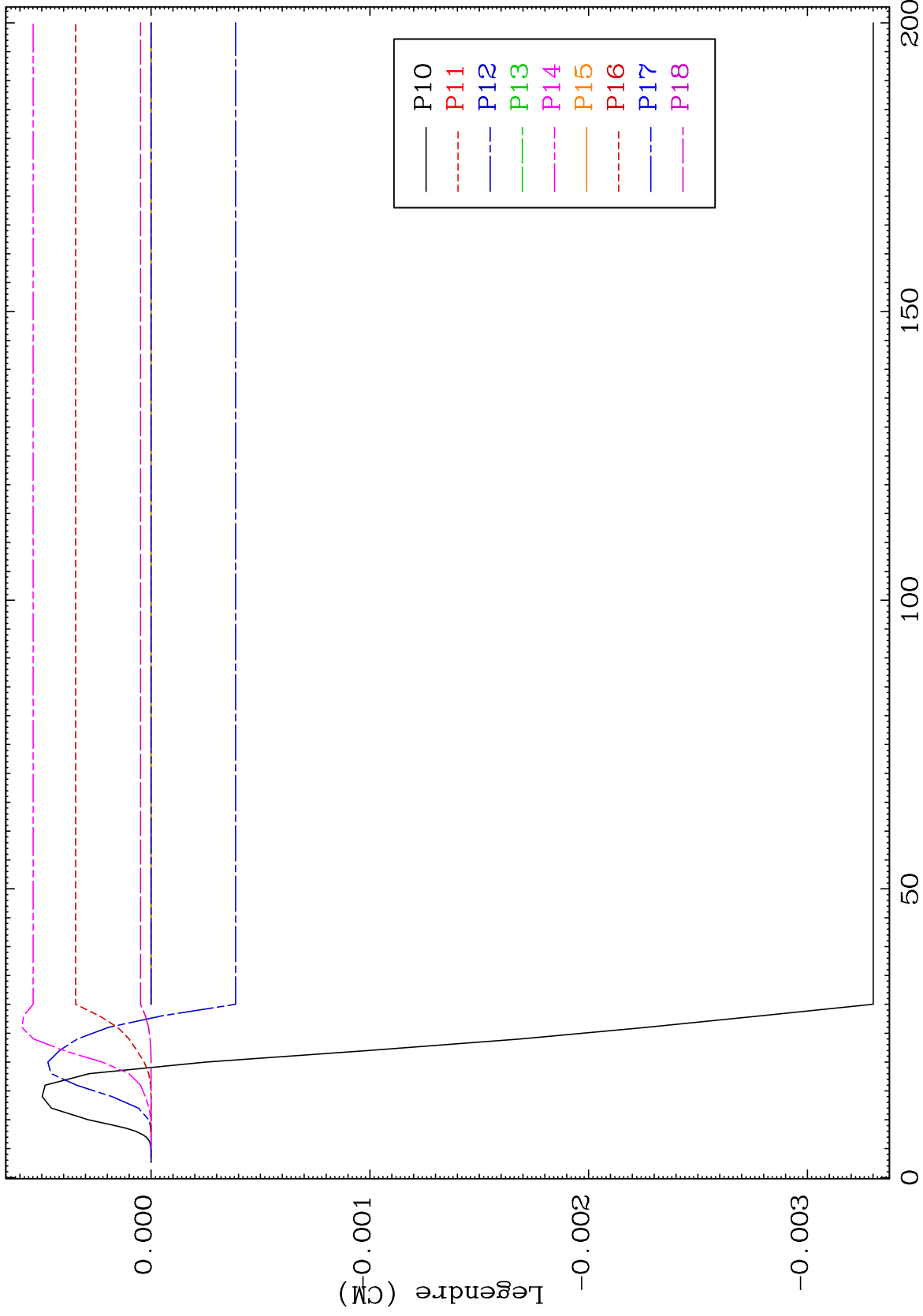
79

54-Xe-126

MAT 5431

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

54-Xe-126



81

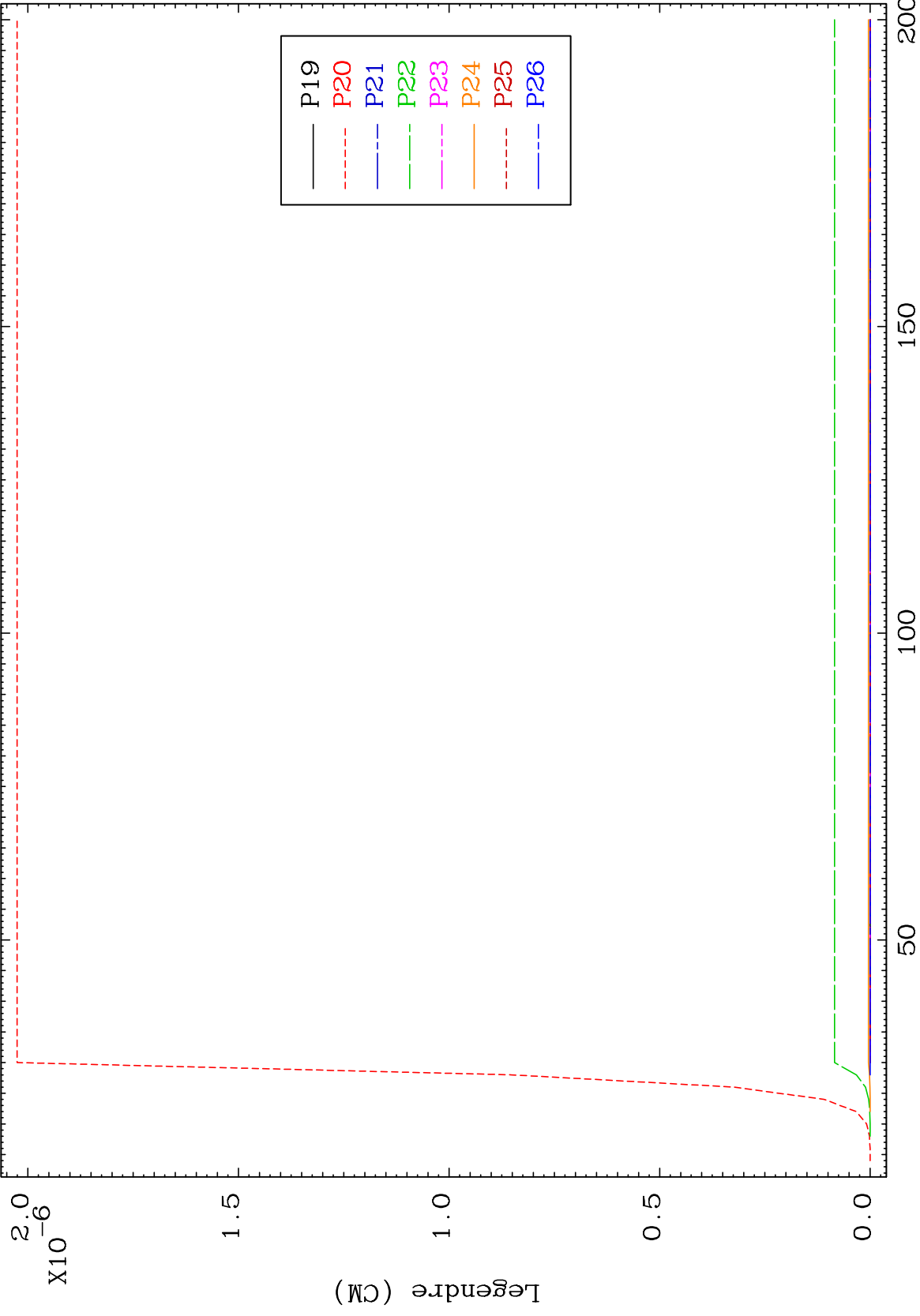
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



82

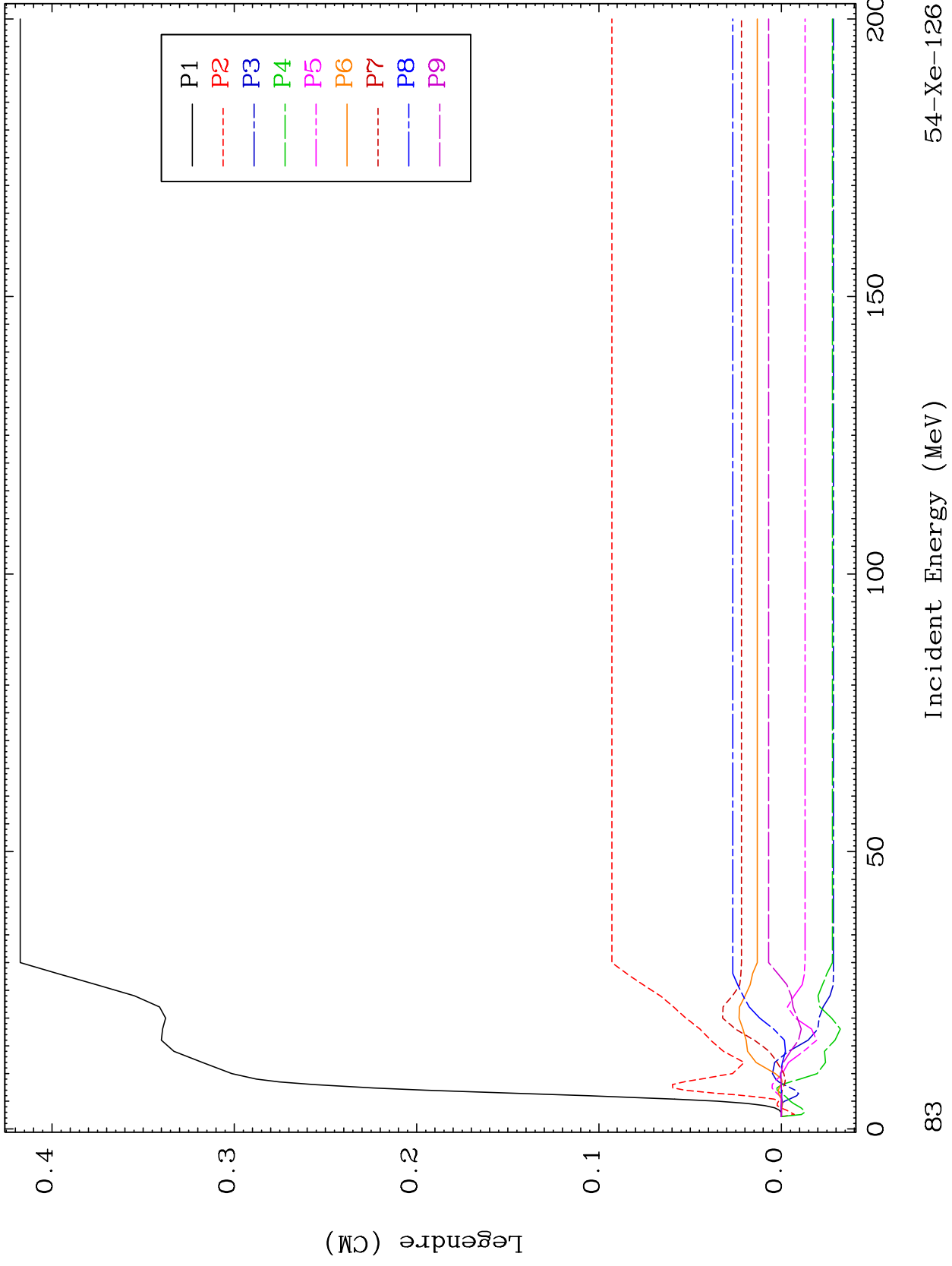
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

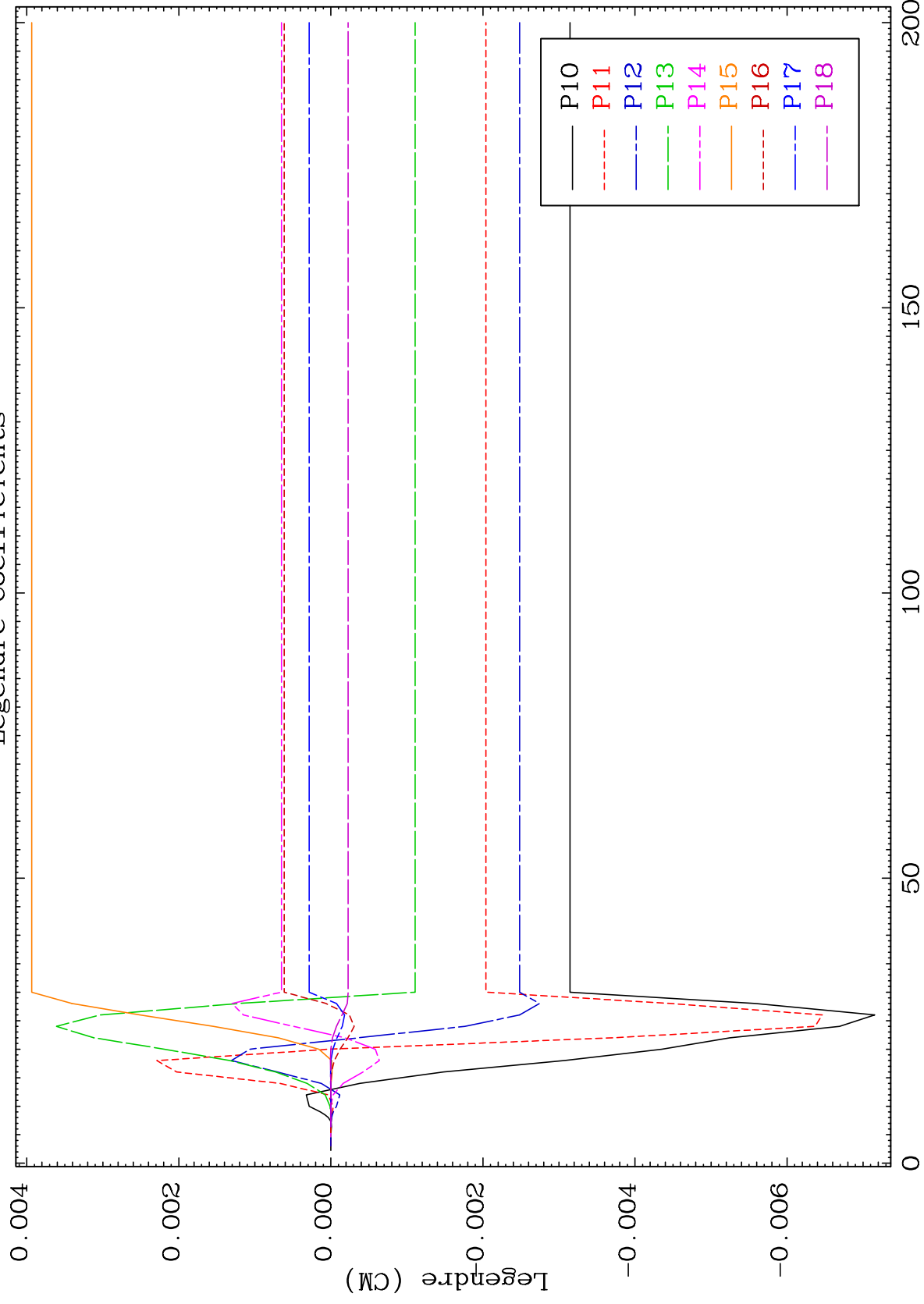
54-Xe-126



MAT 5431

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

54-Xe-126



84

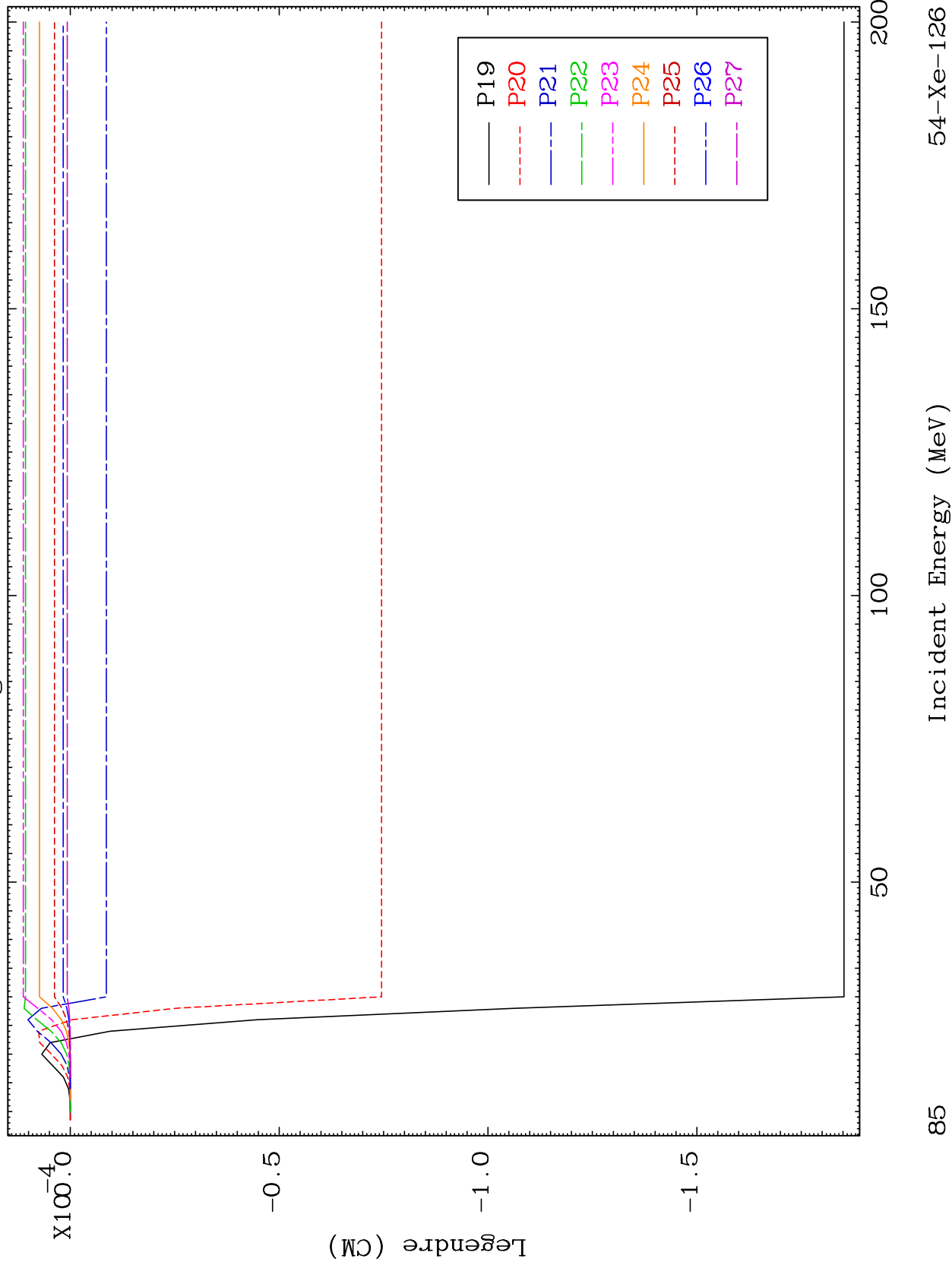
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

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



85

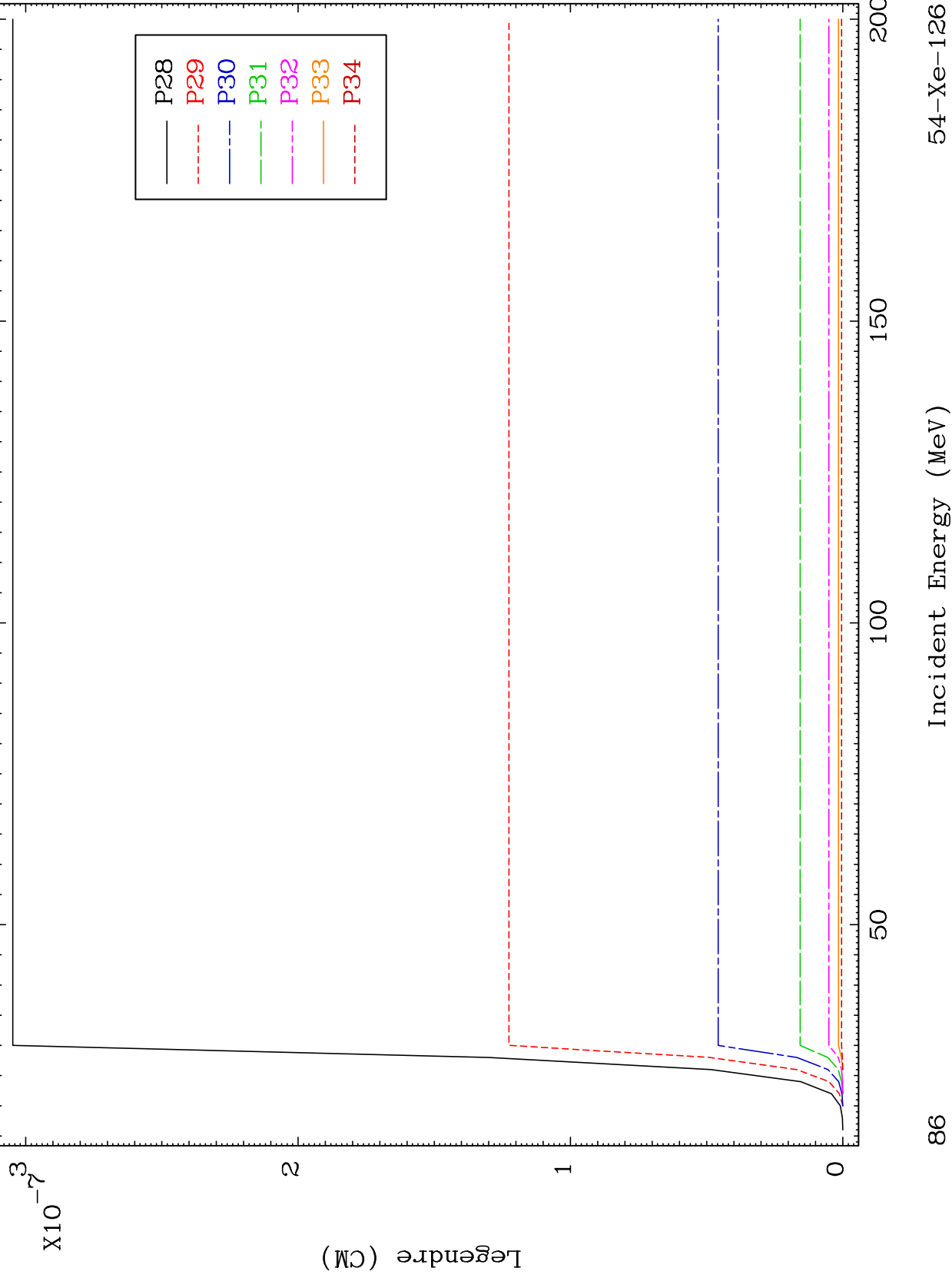
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126

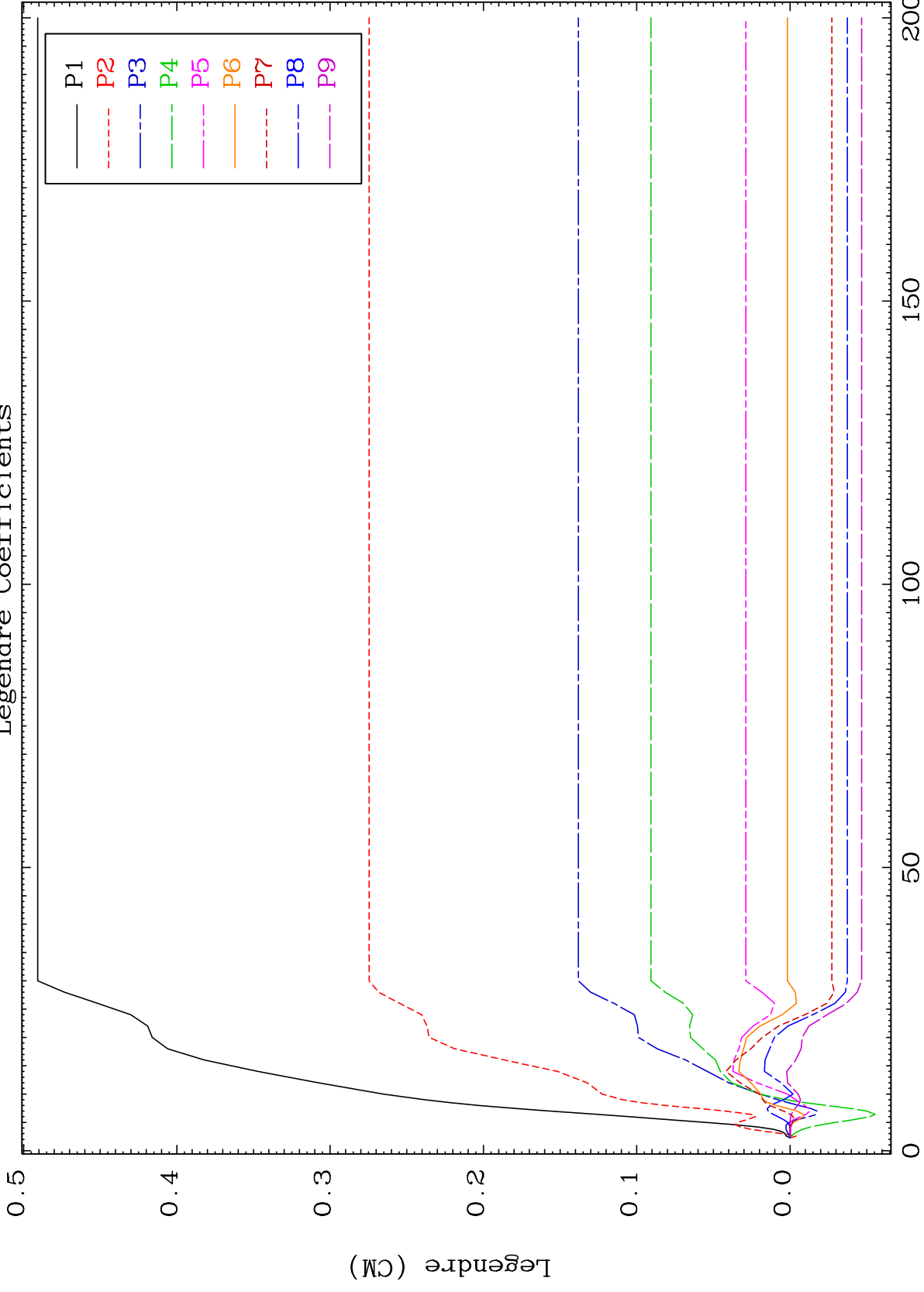


MAT 5431

MT= 69 (n,n') Level

54-Xe-126

Legendre Coefficients



87

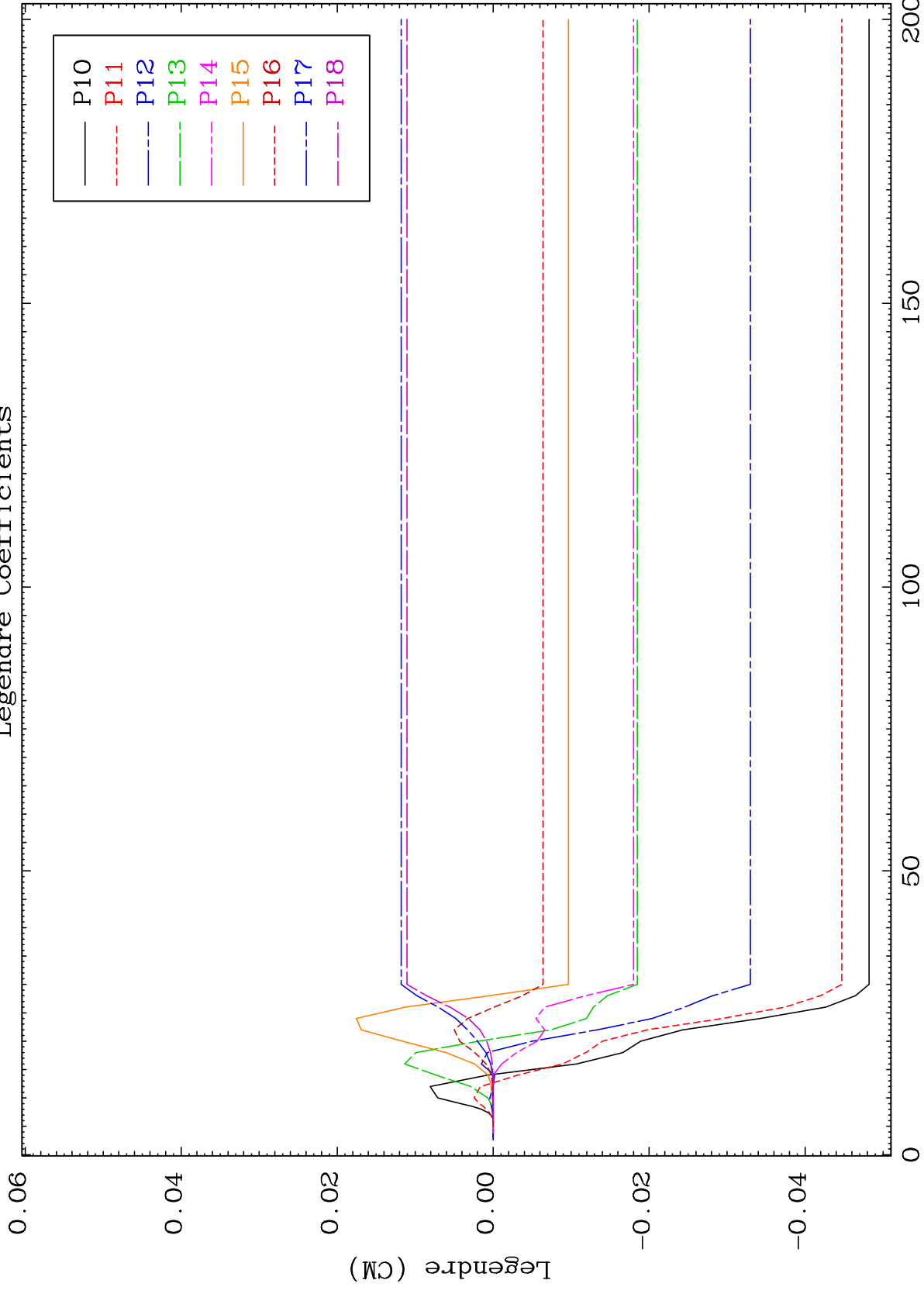
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



88

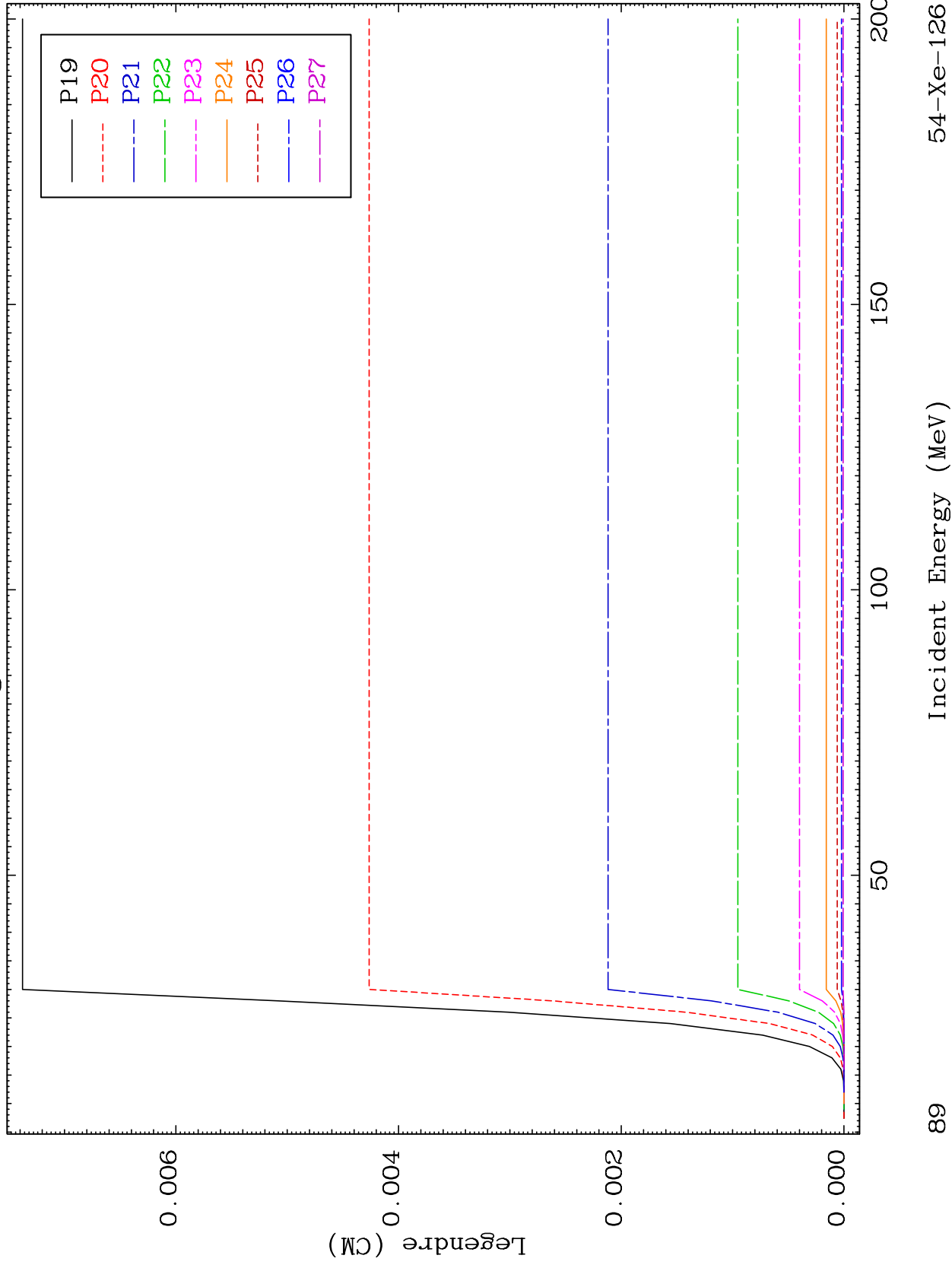
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



89

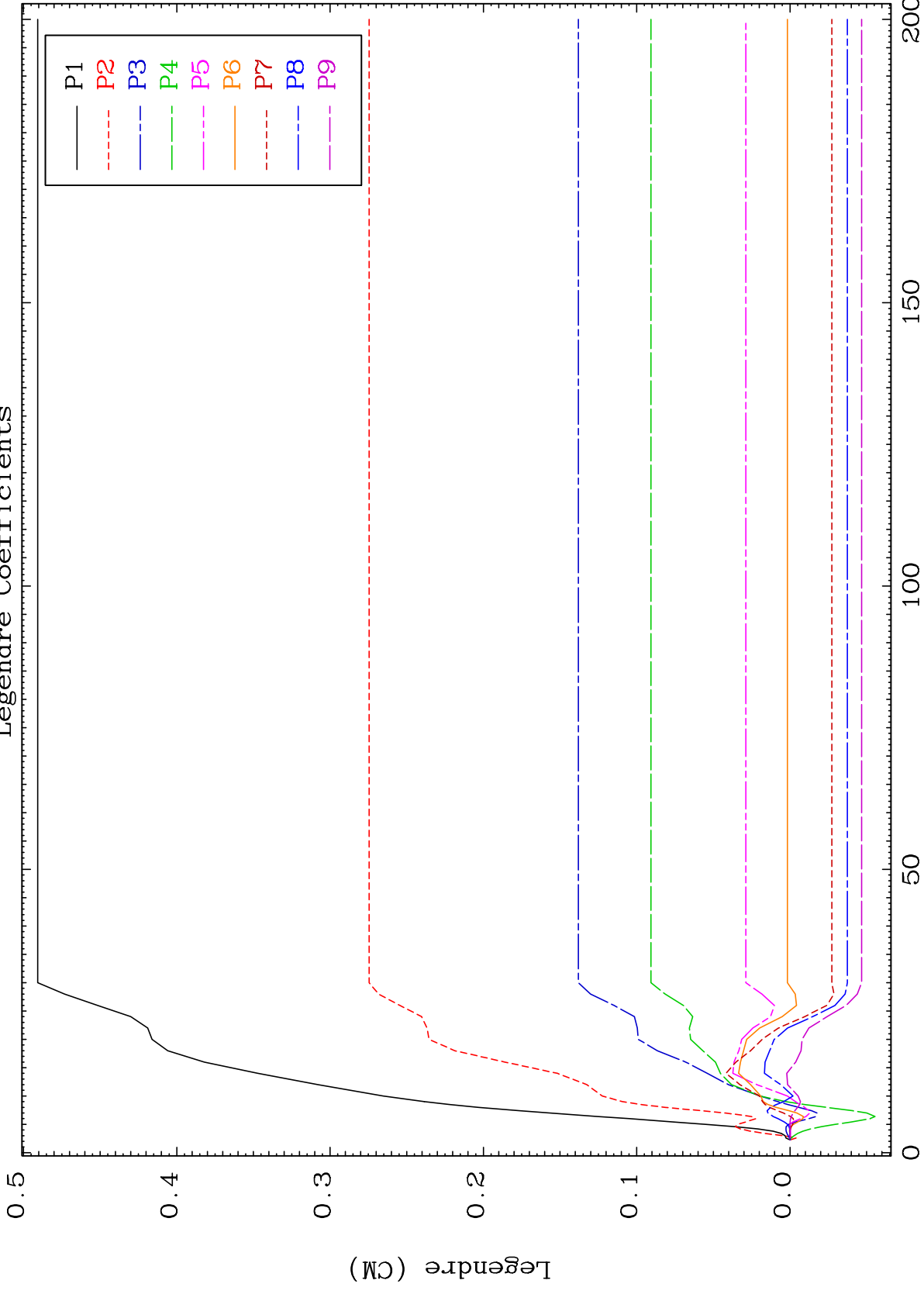
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



91

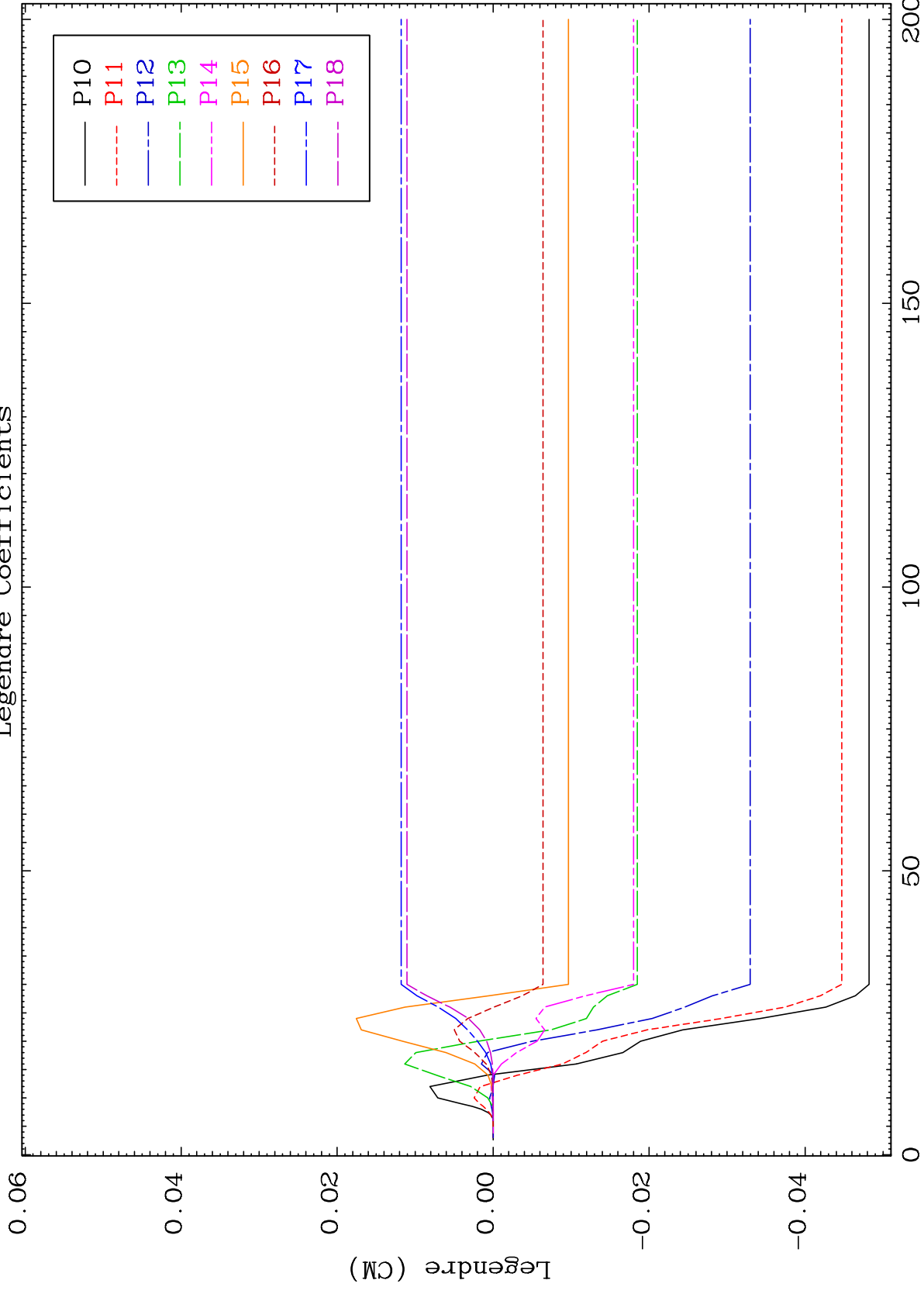
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



92

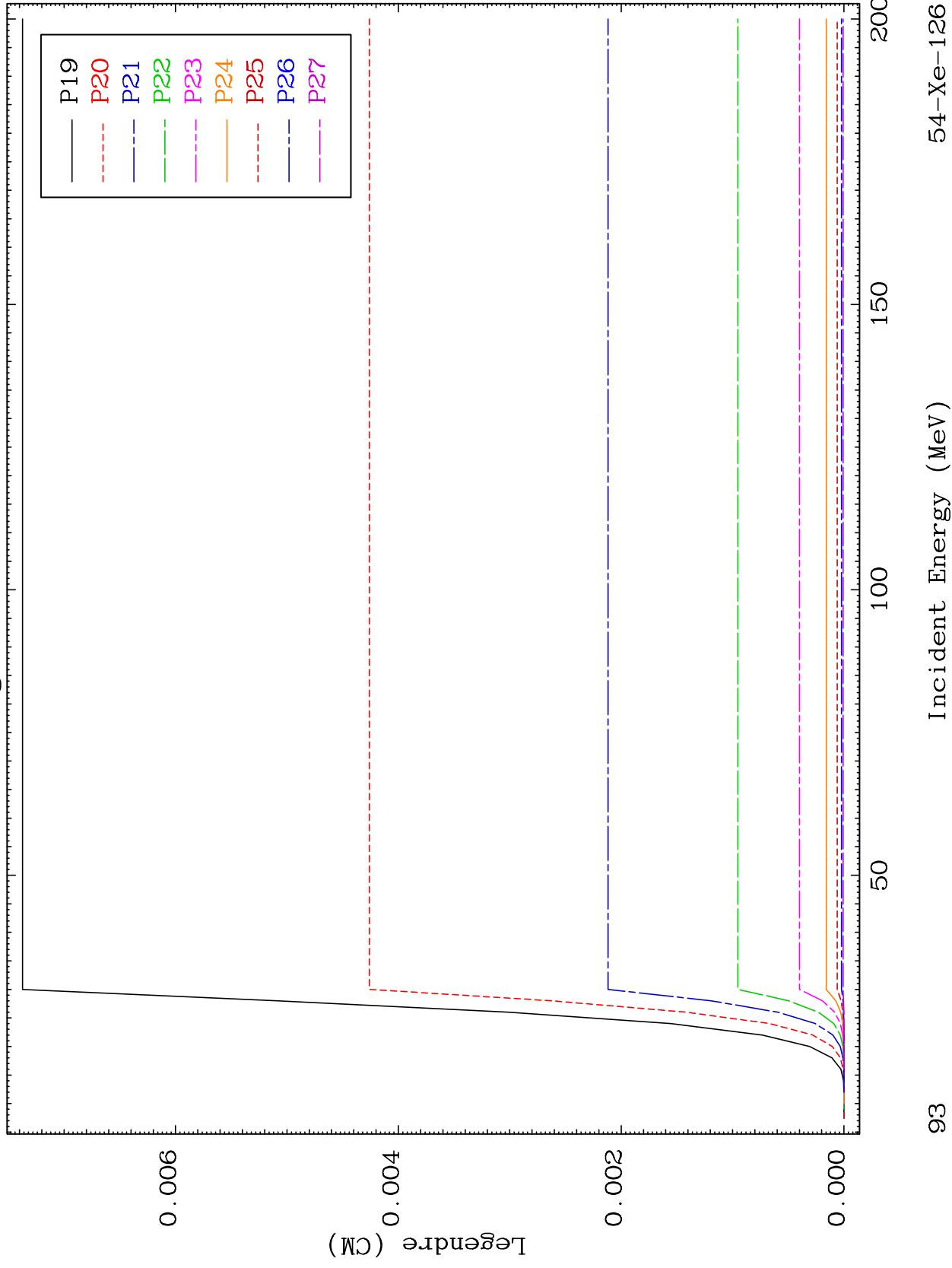
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



93

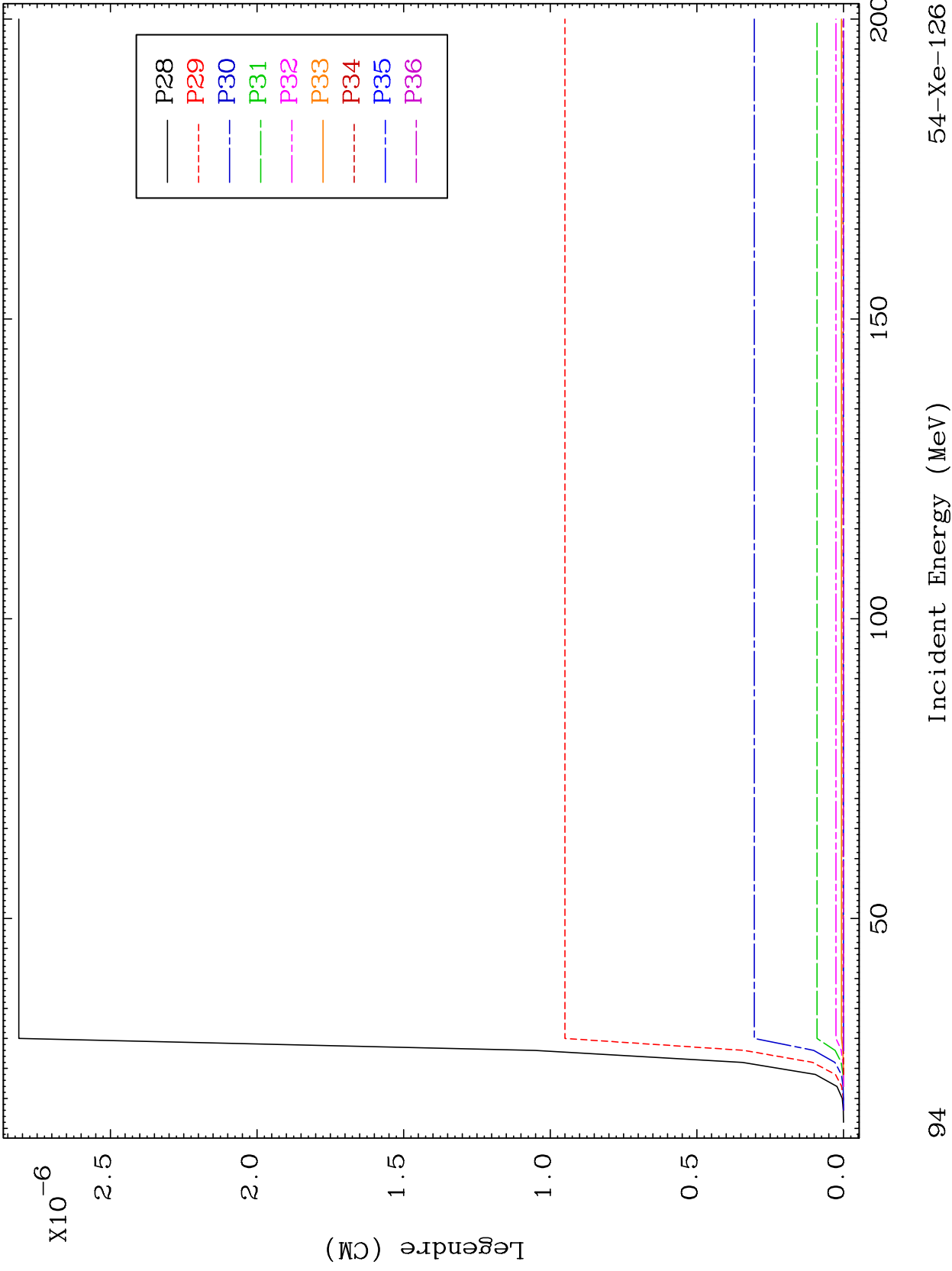
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

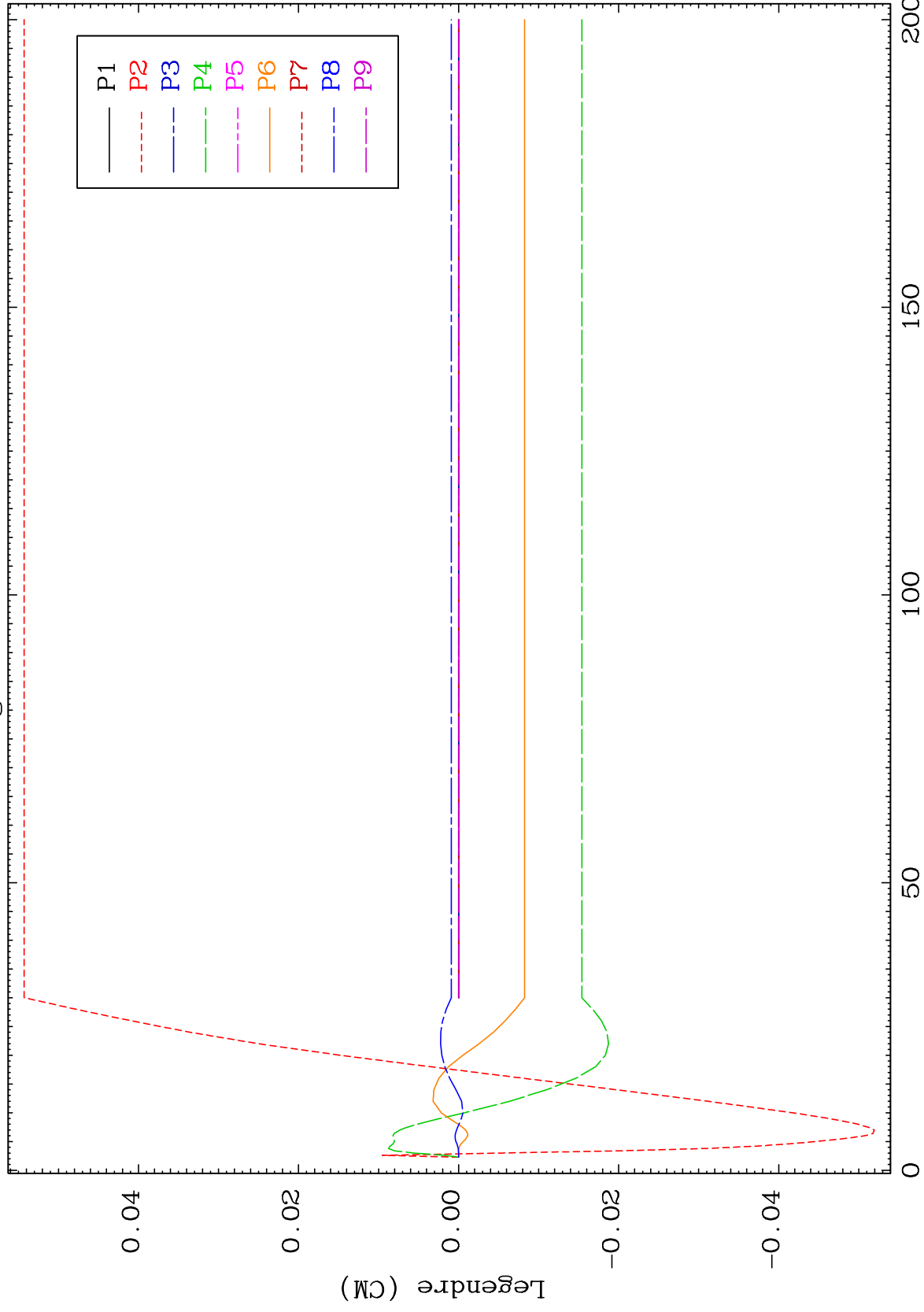
54-Xe-126



MAT 5431

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

54-Xe-126



95

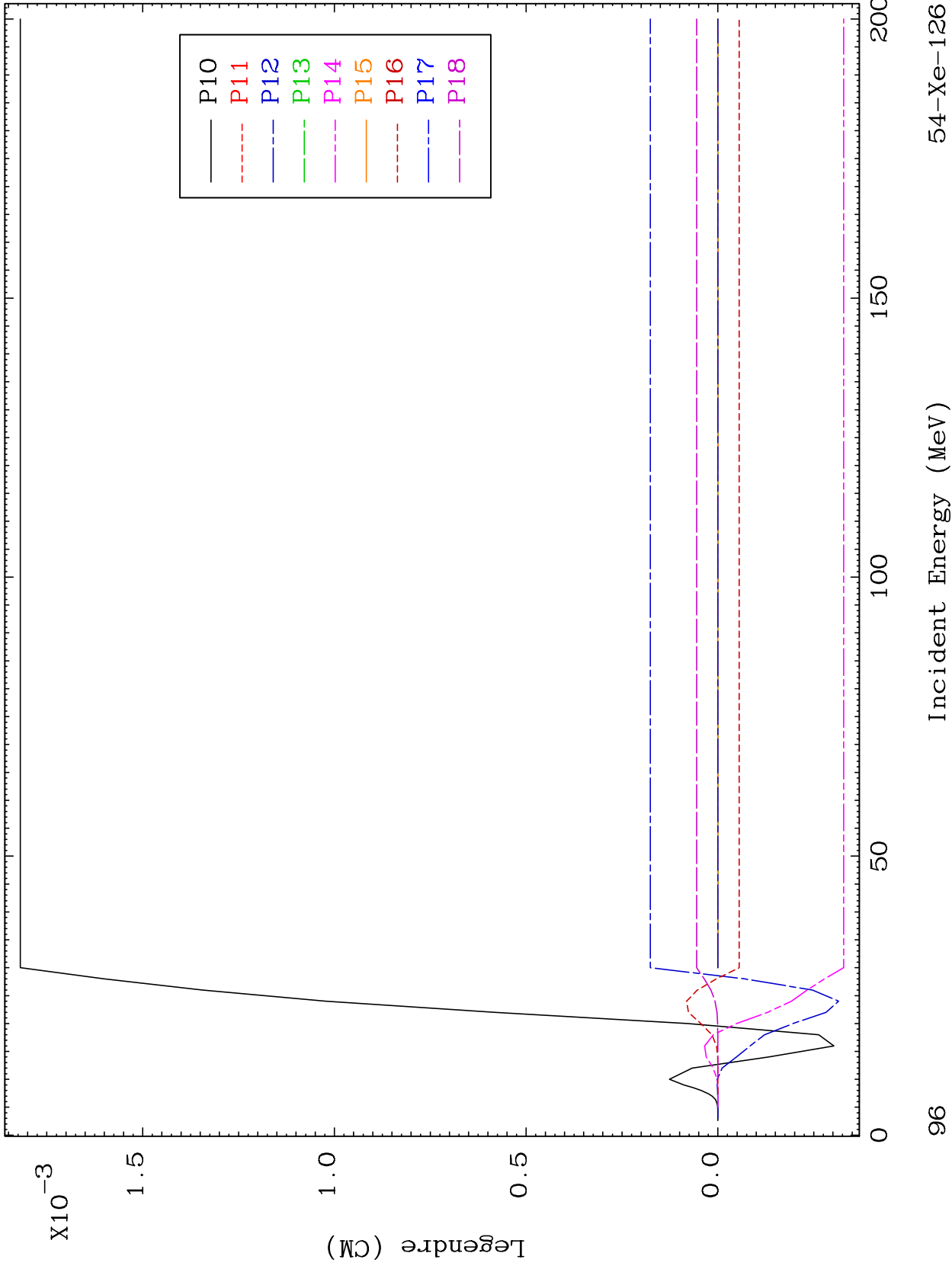
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

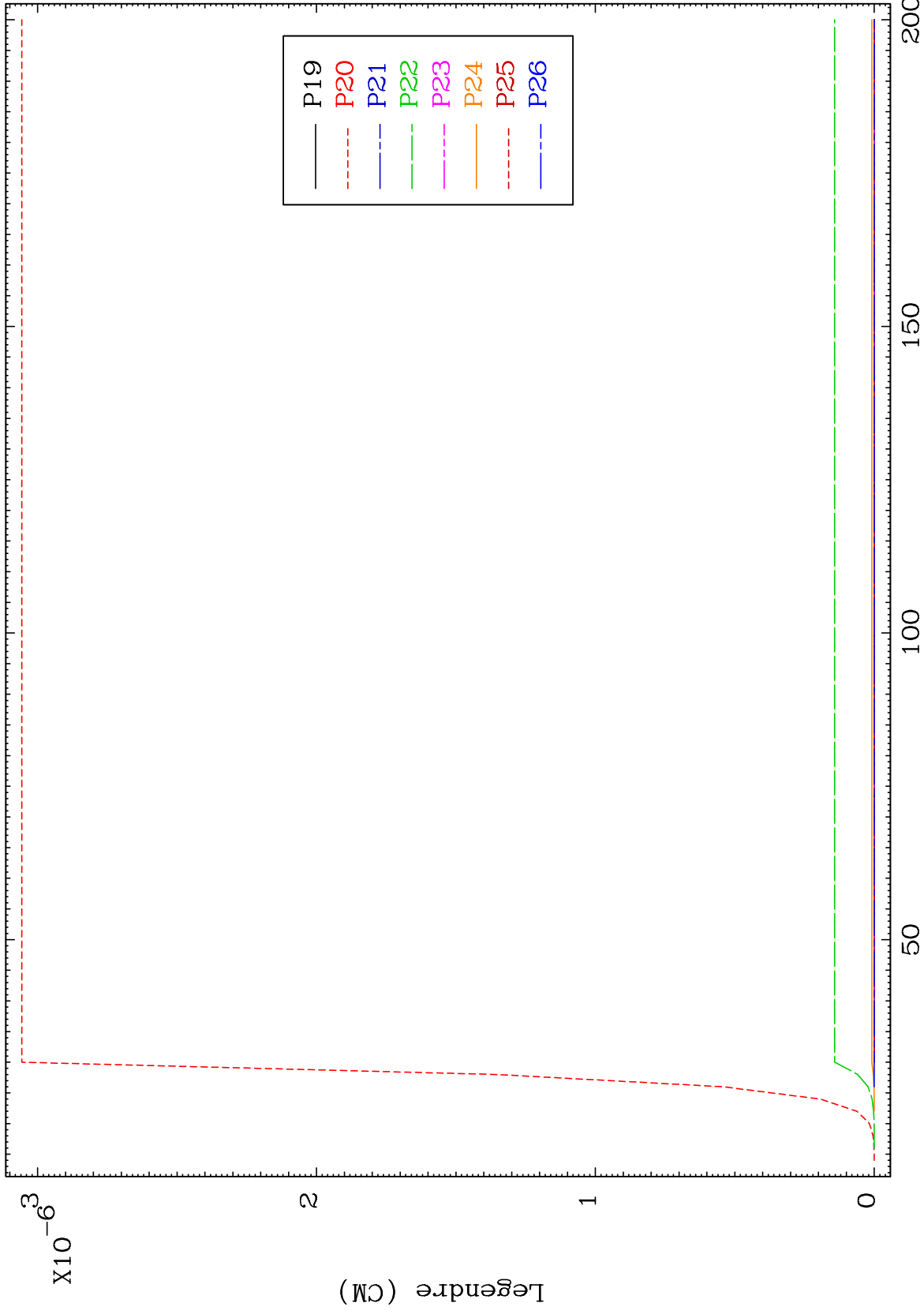
54-Xe-126



MAT 5431

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

54-Xe-126



97

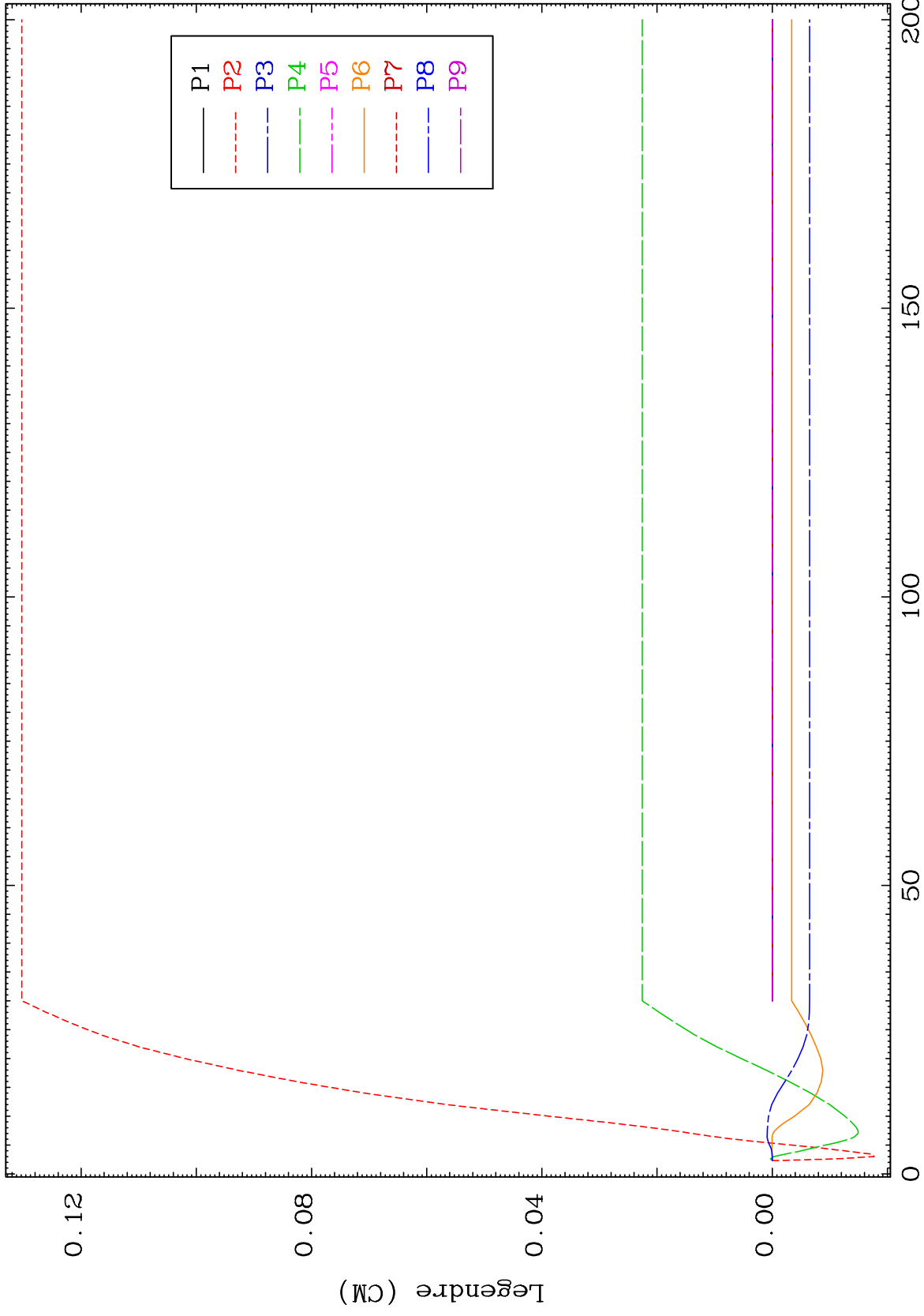
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



98

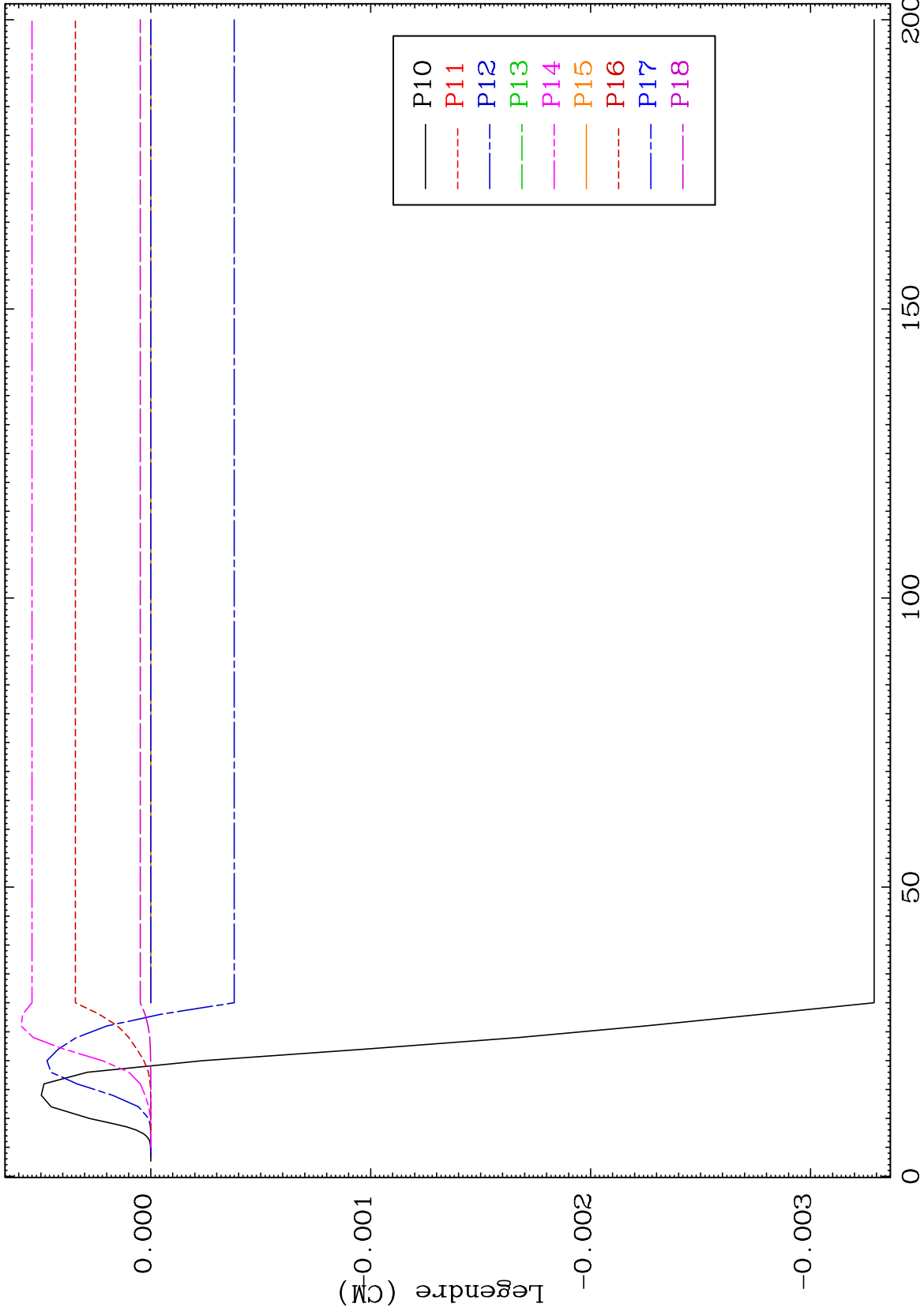
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



99

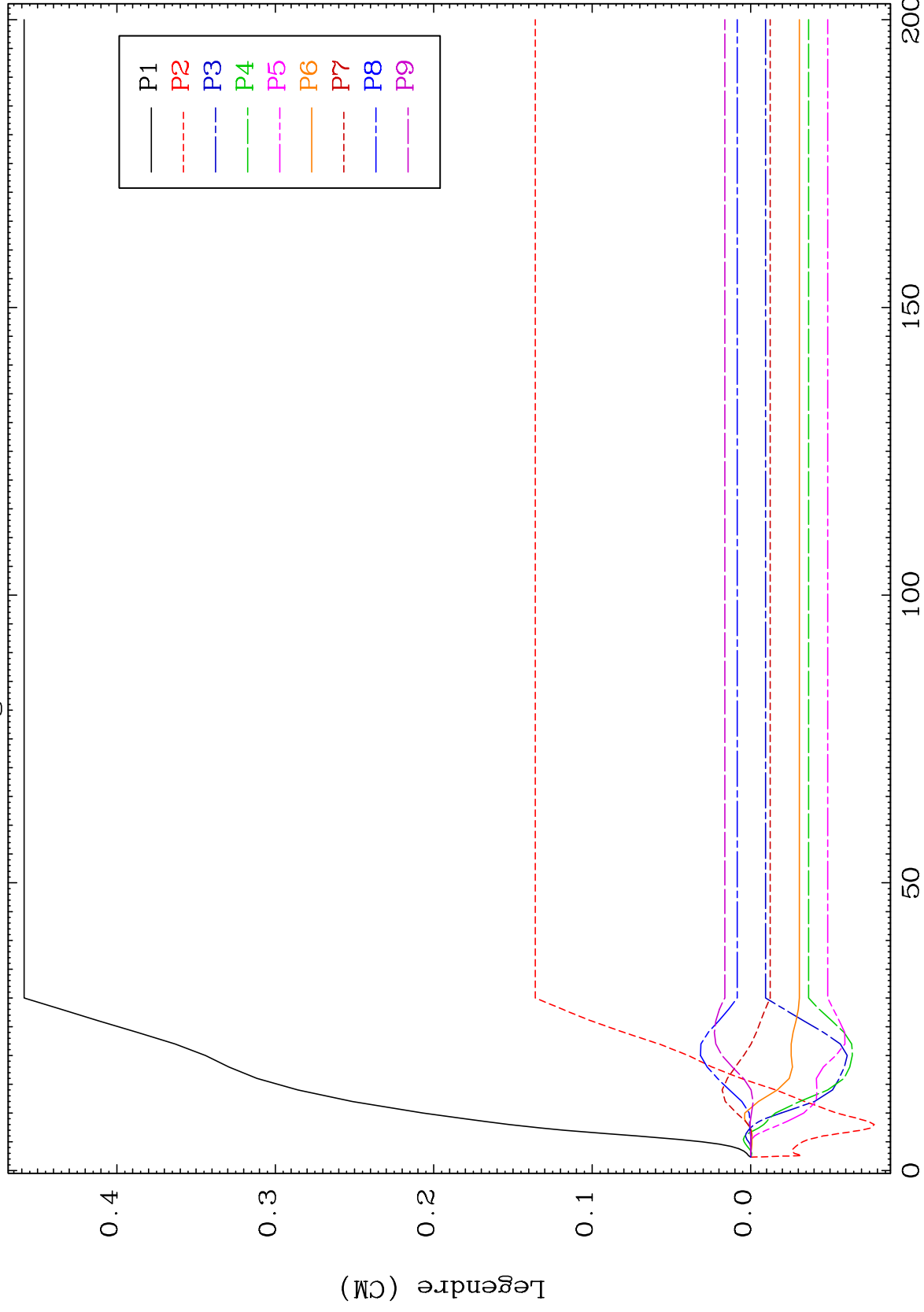
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



101

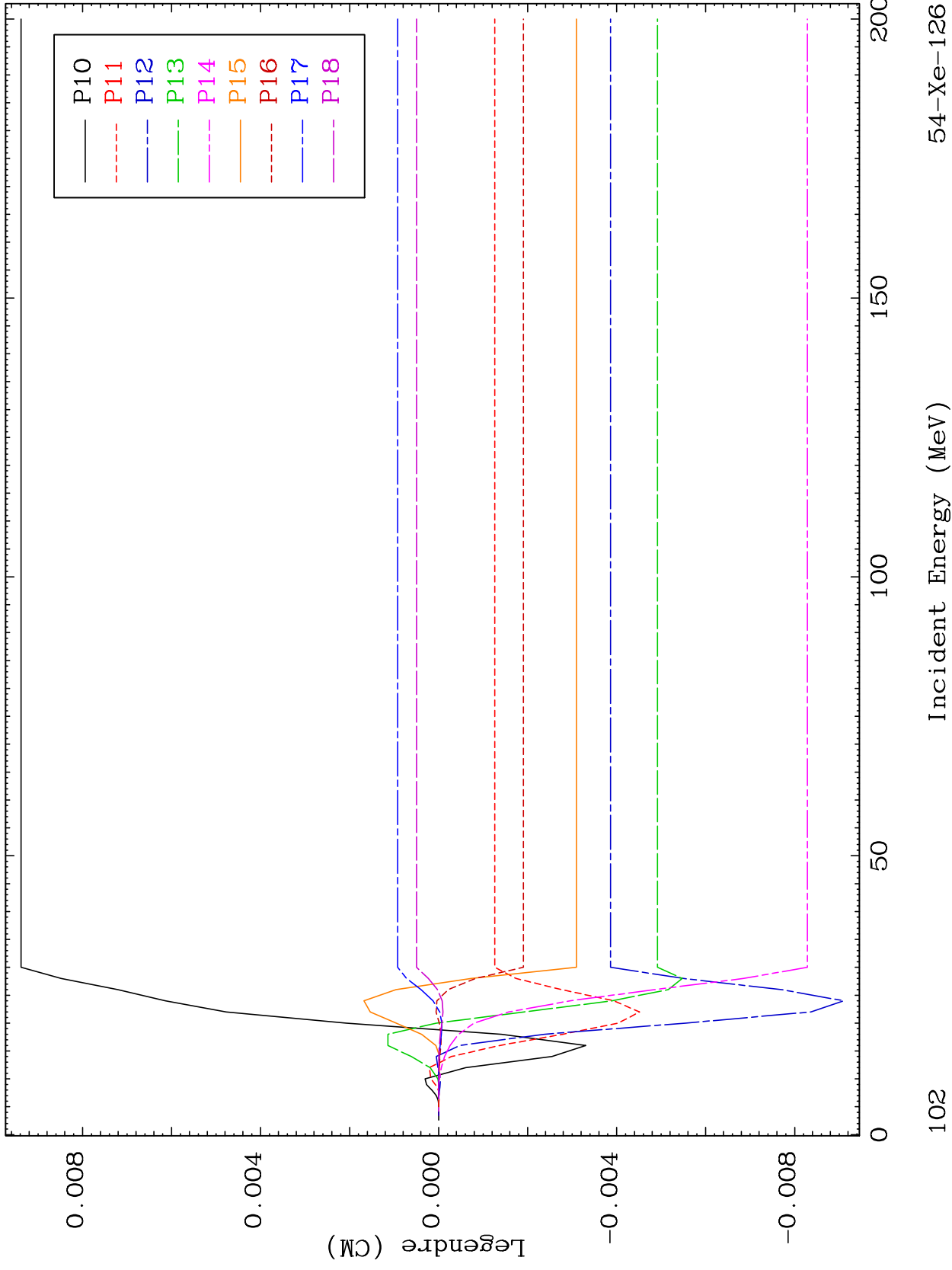
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



102

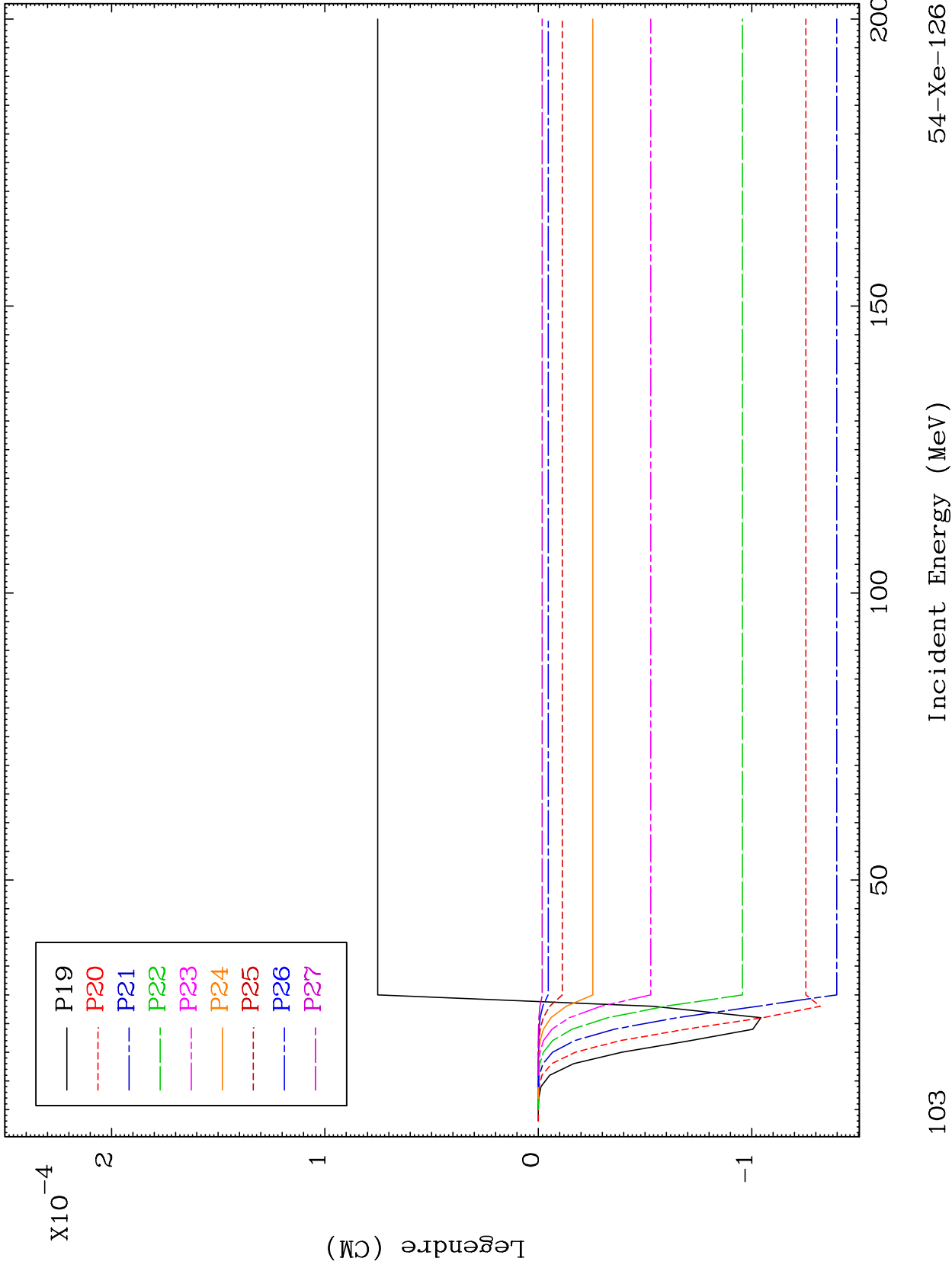
Incident Energy (MeV)

54-Xe-126

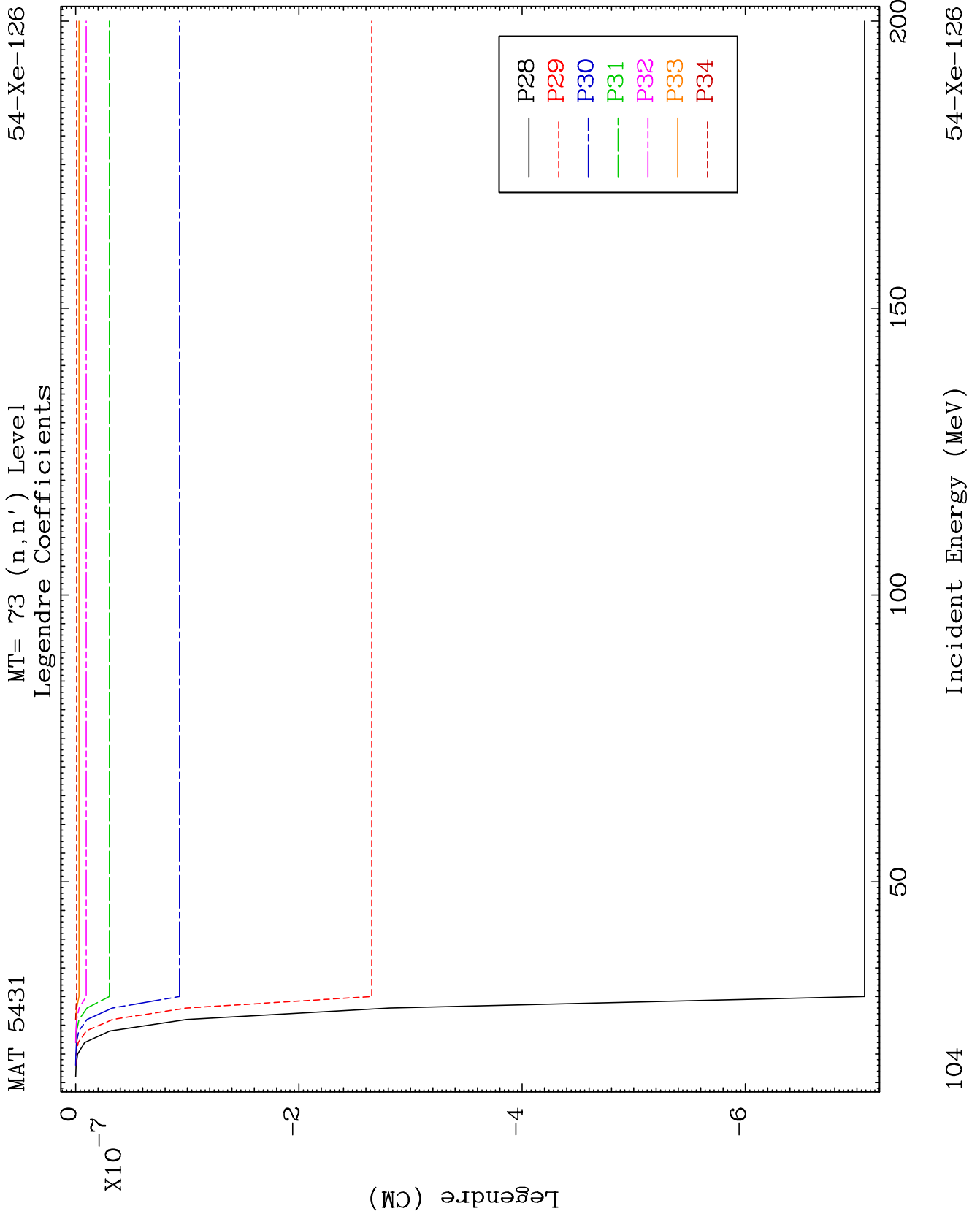
MAT 5431

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

54-Xe-126



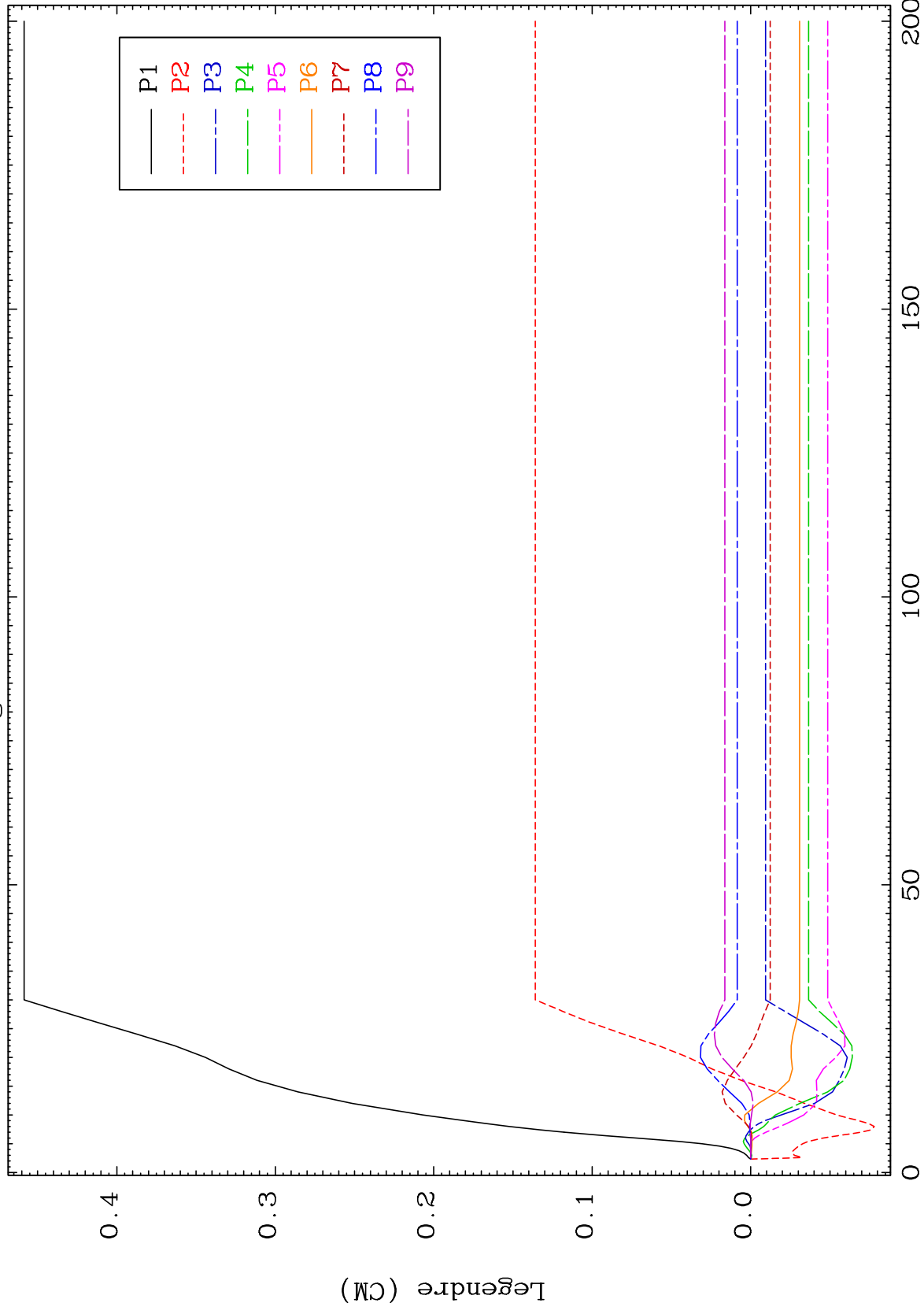
103



MAT 5431

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

54-Xe-126



54-Xe-126

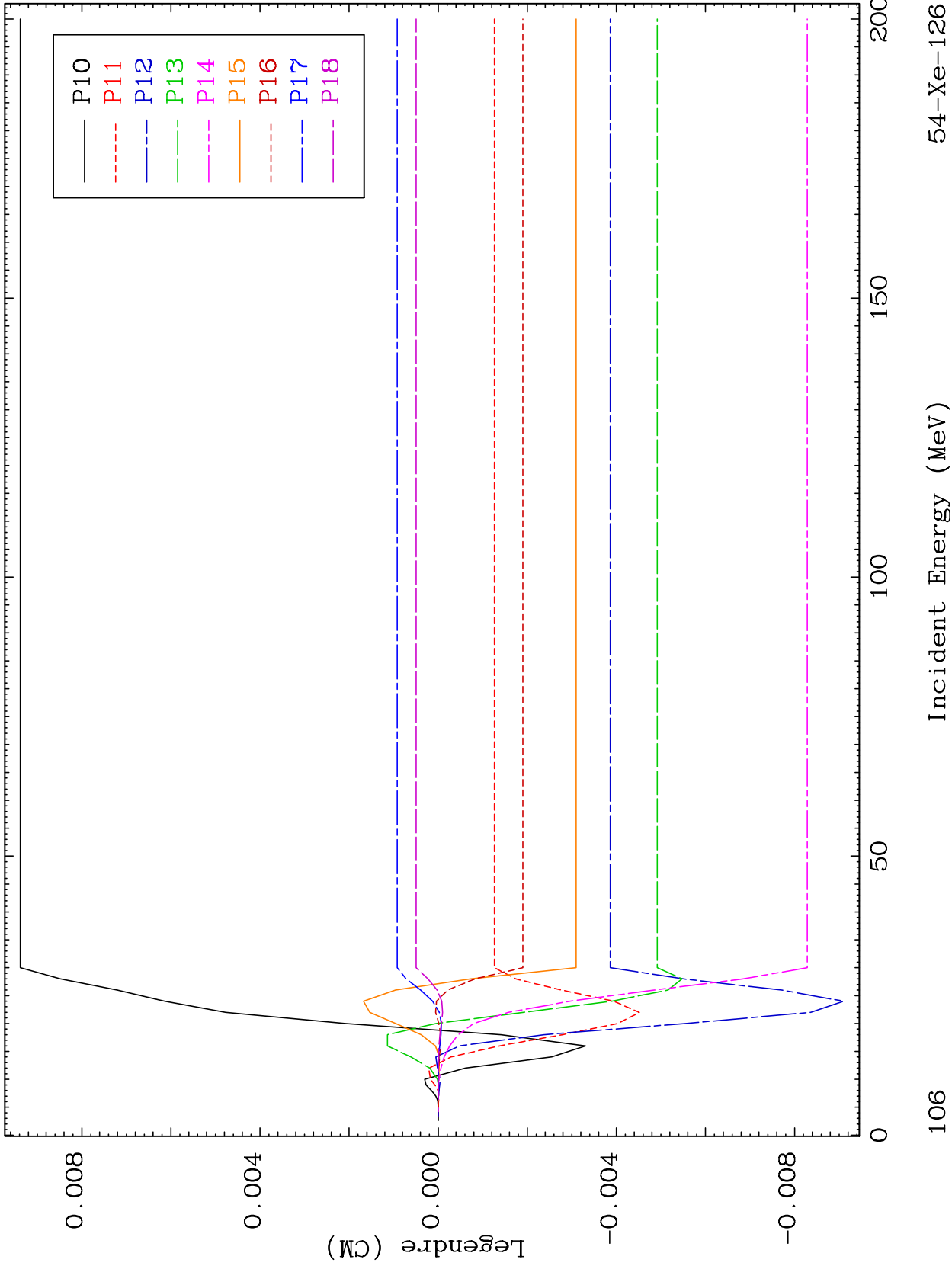
Incident Energy (MeV)

105

MAT 5431

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

54-Xe-126



54-Xe-126

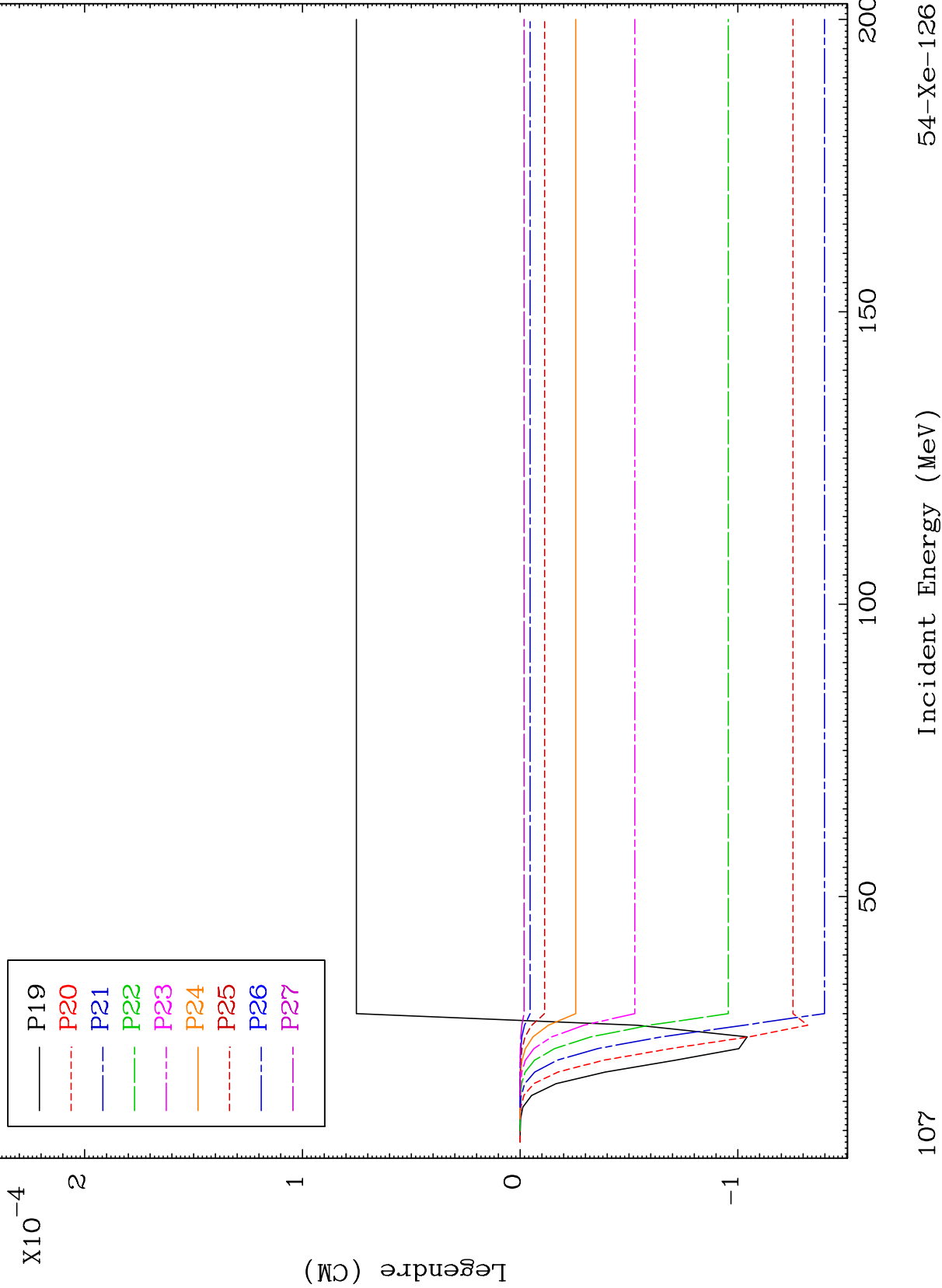
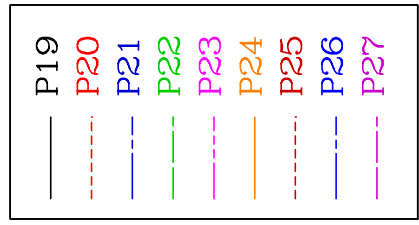
Incident Energy (MeV)

106

MAT 5431

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

54-Xe-126



107

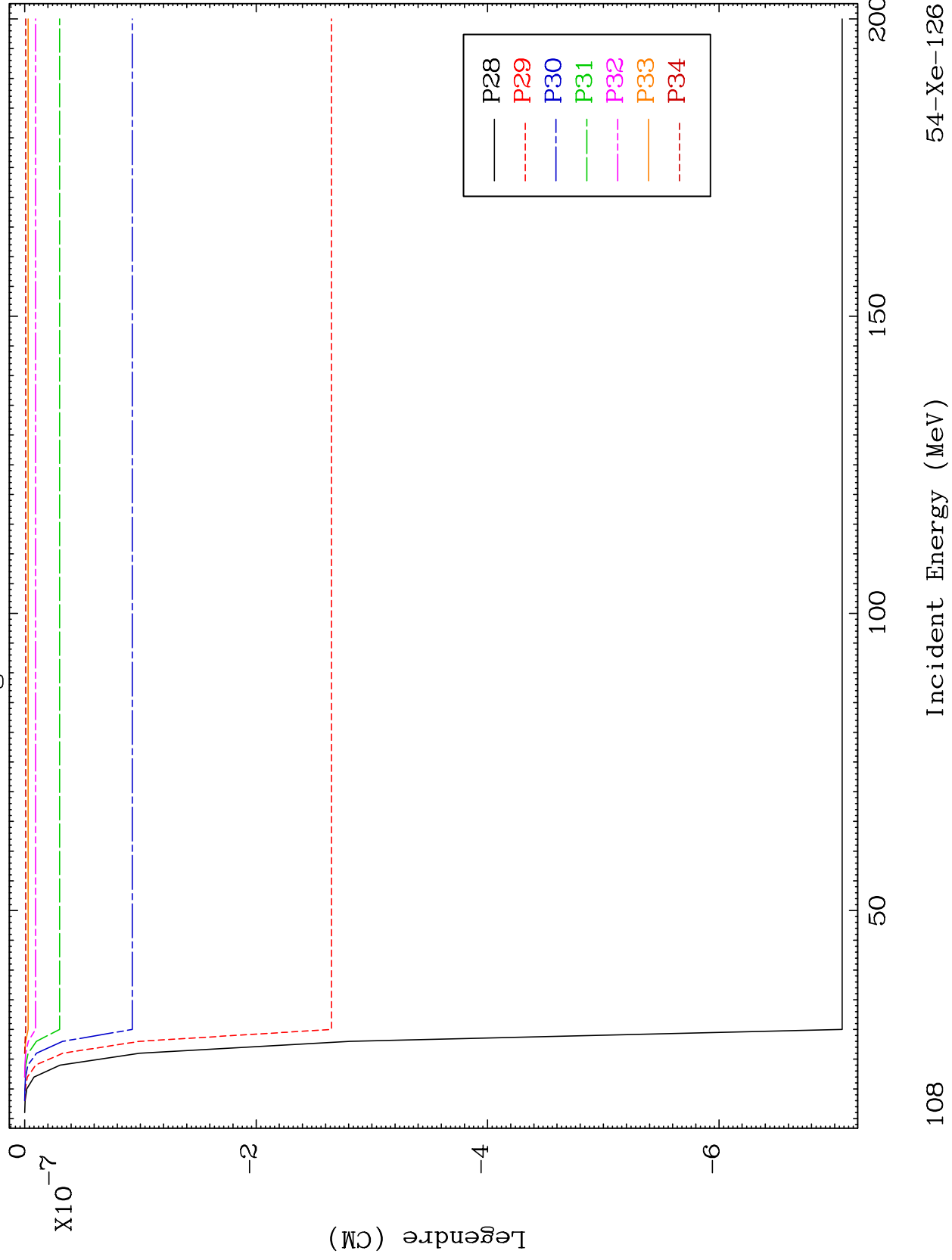
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

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



108

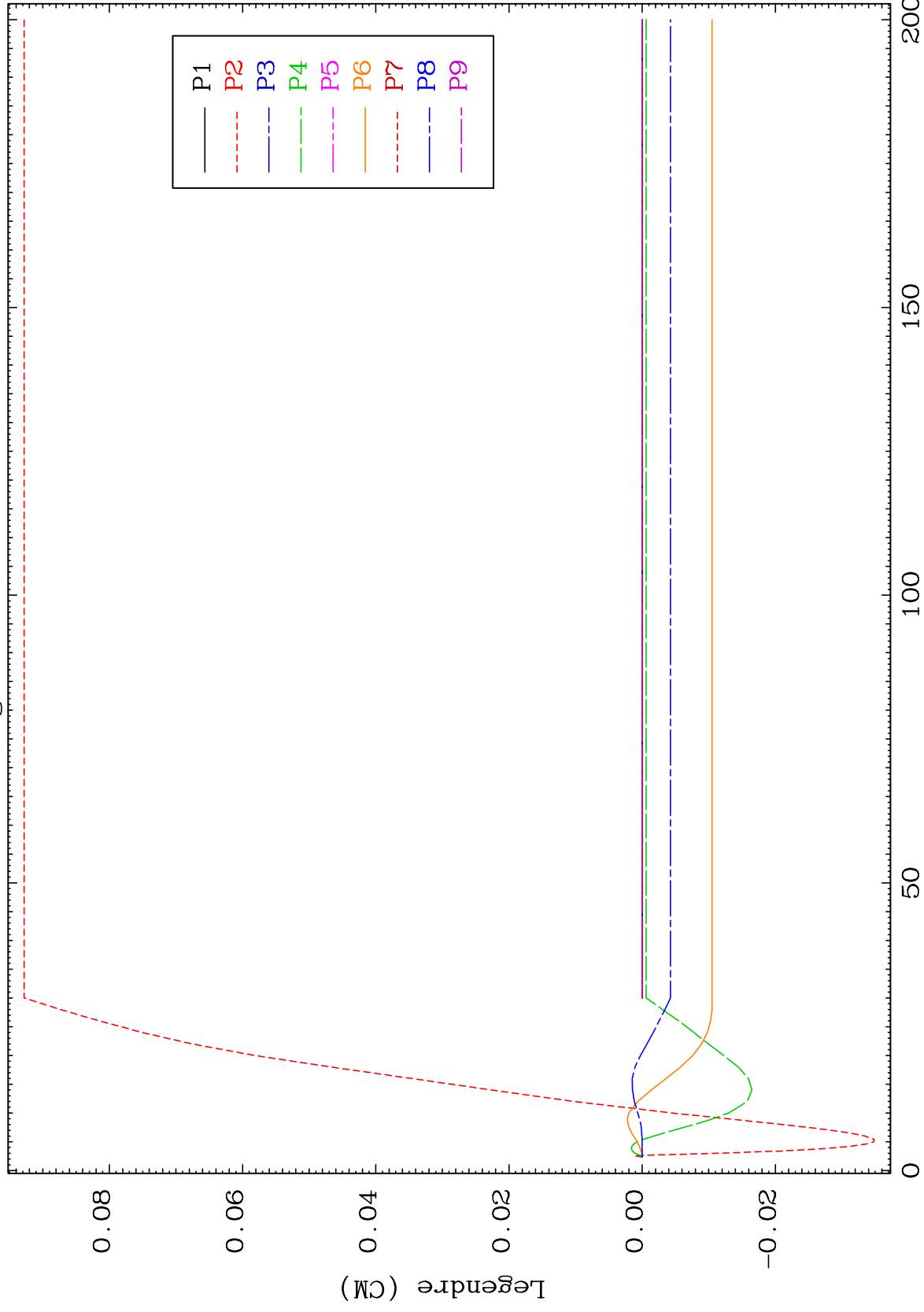
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

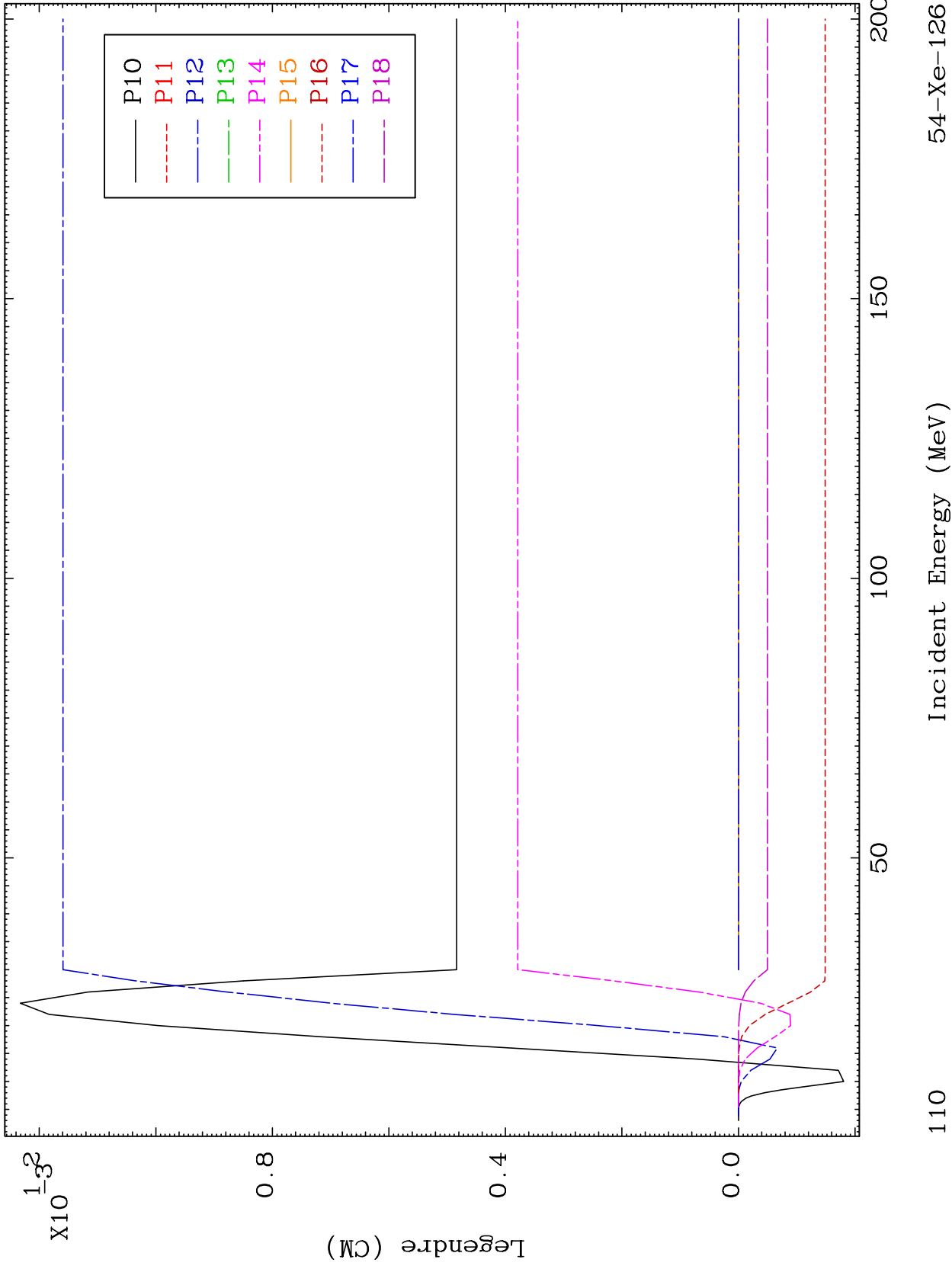
Incident Energy (MeV)

109

MAT 5431

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

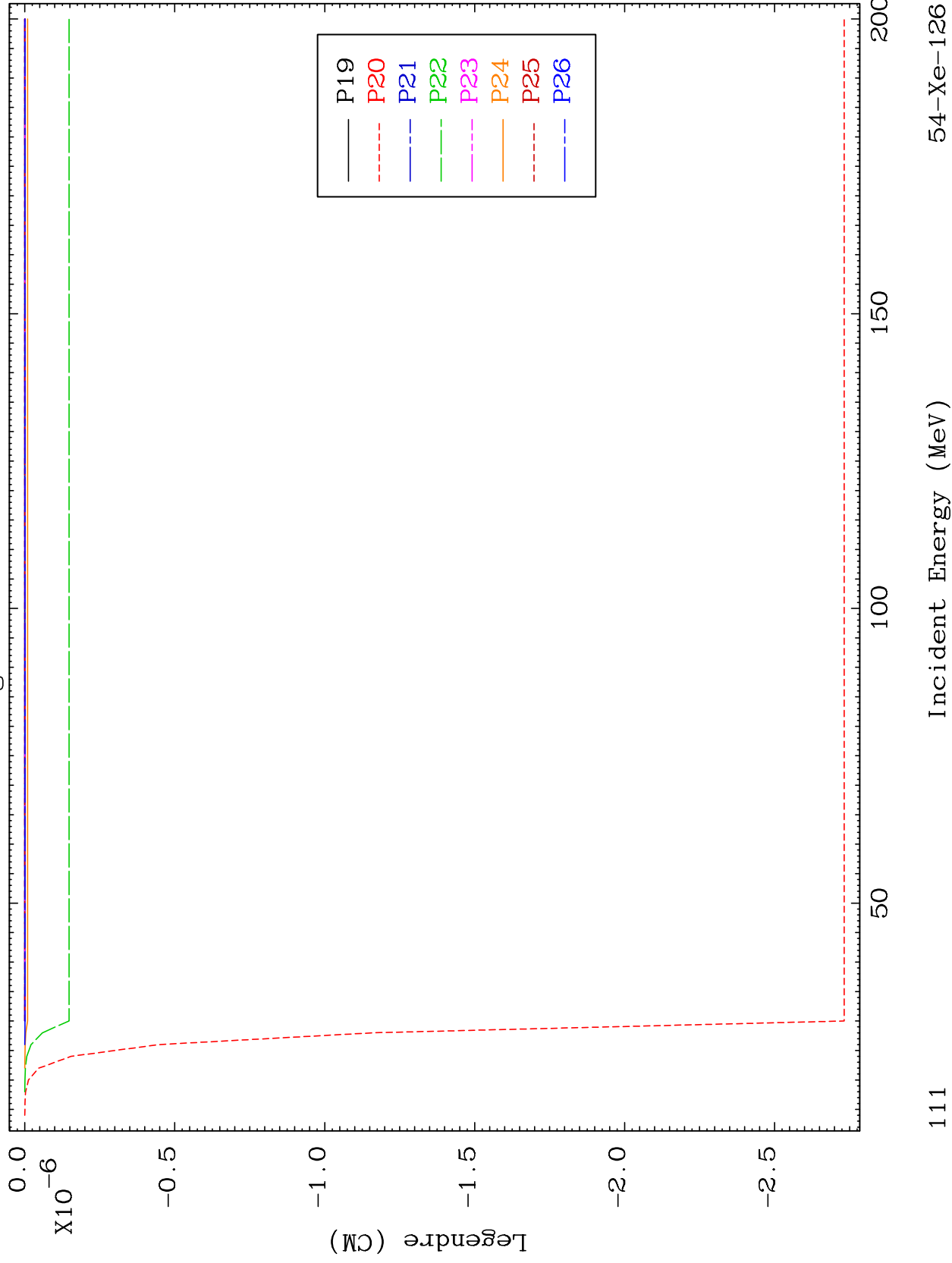
54-Xe-126



MAT 5431

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

54-Xe-126



111

Incident Energy (MeV)

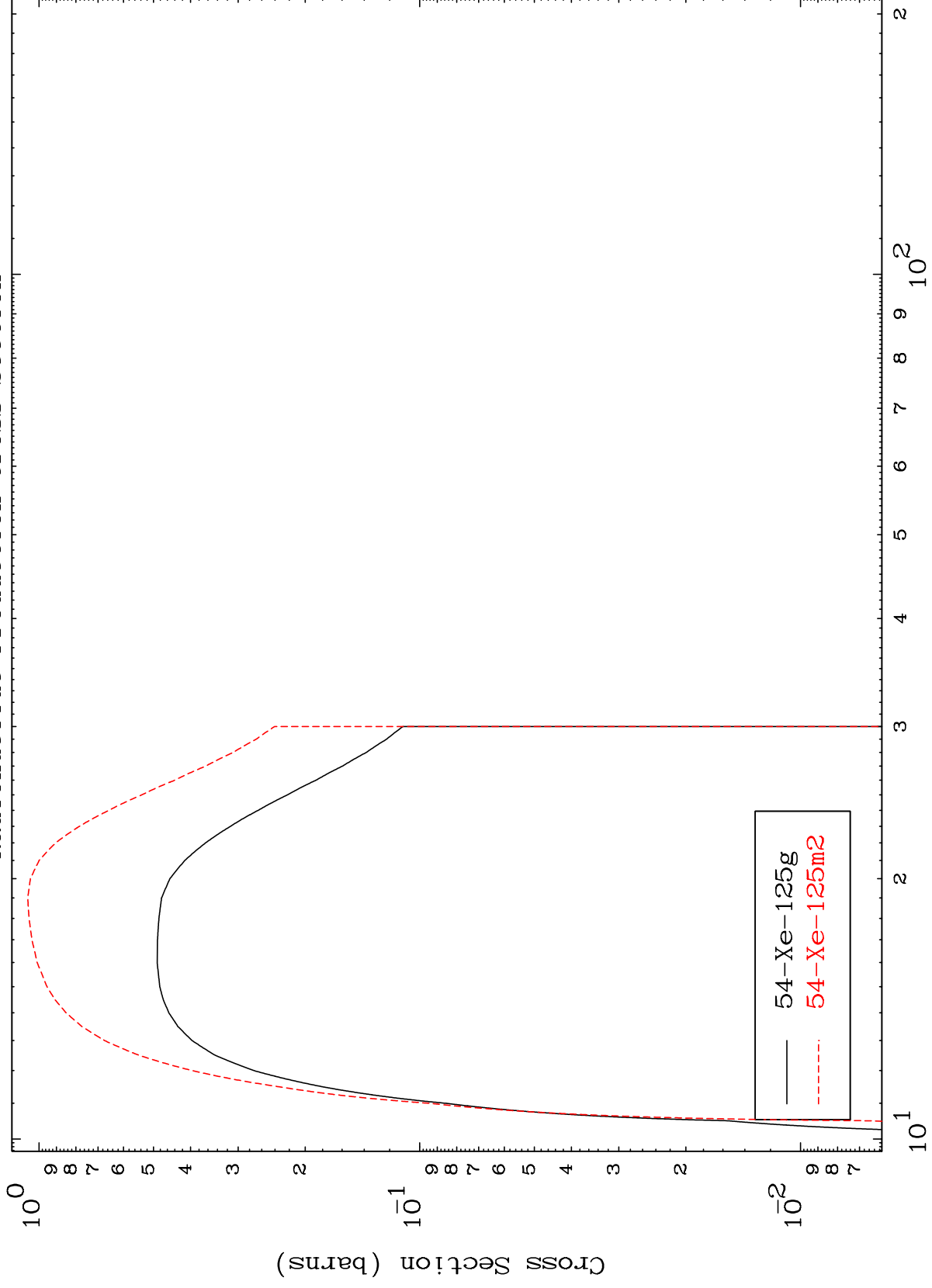
54-Xe-126

MAT 5431

(n,2n)

54-Xe-126

Radionuclide Production Cross Section



Incident Energy (MeV)

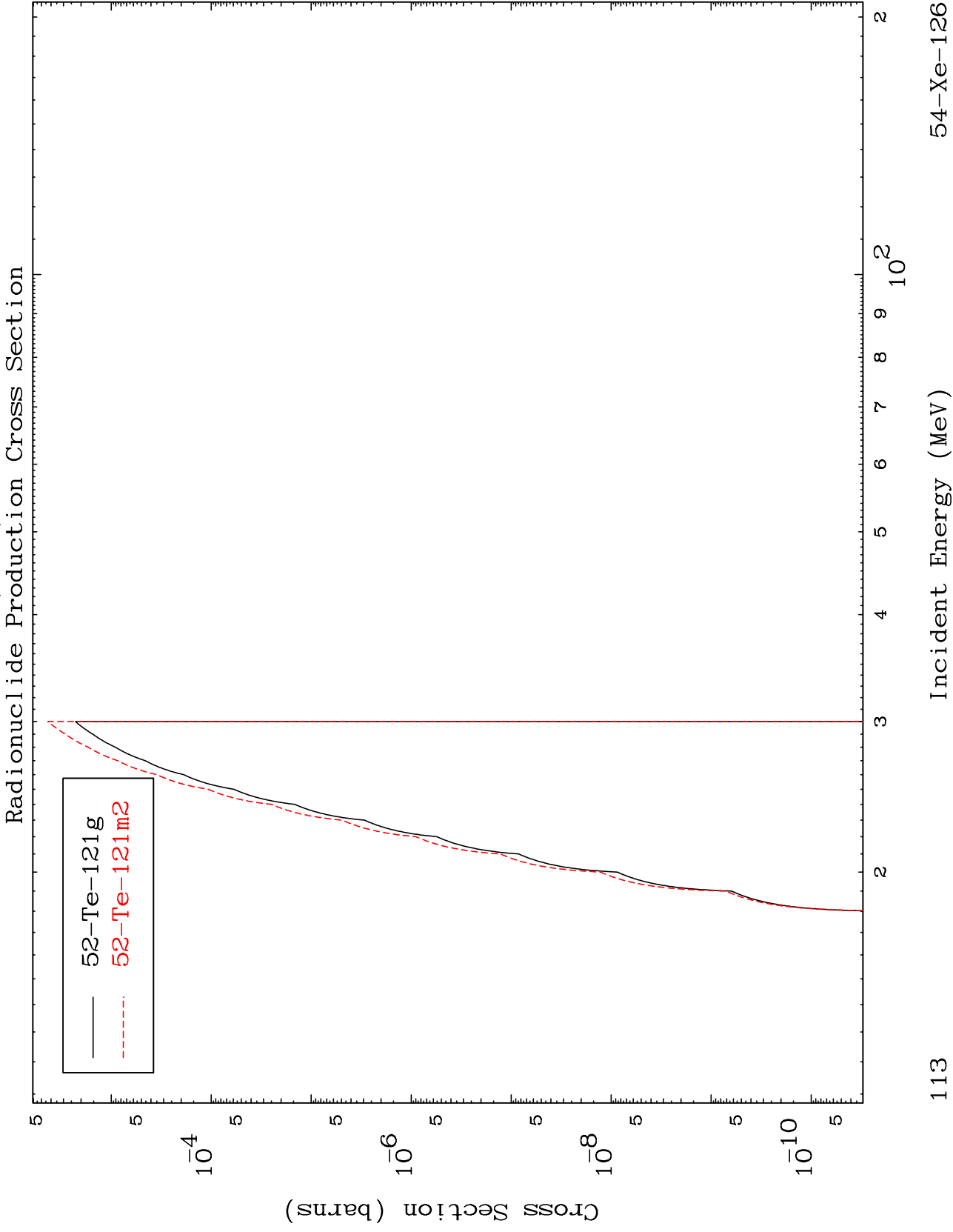
54-Xe-126

112

MAT 5431

(n,2n) α

54-Xe-126



113

Incident Energy (MeV)

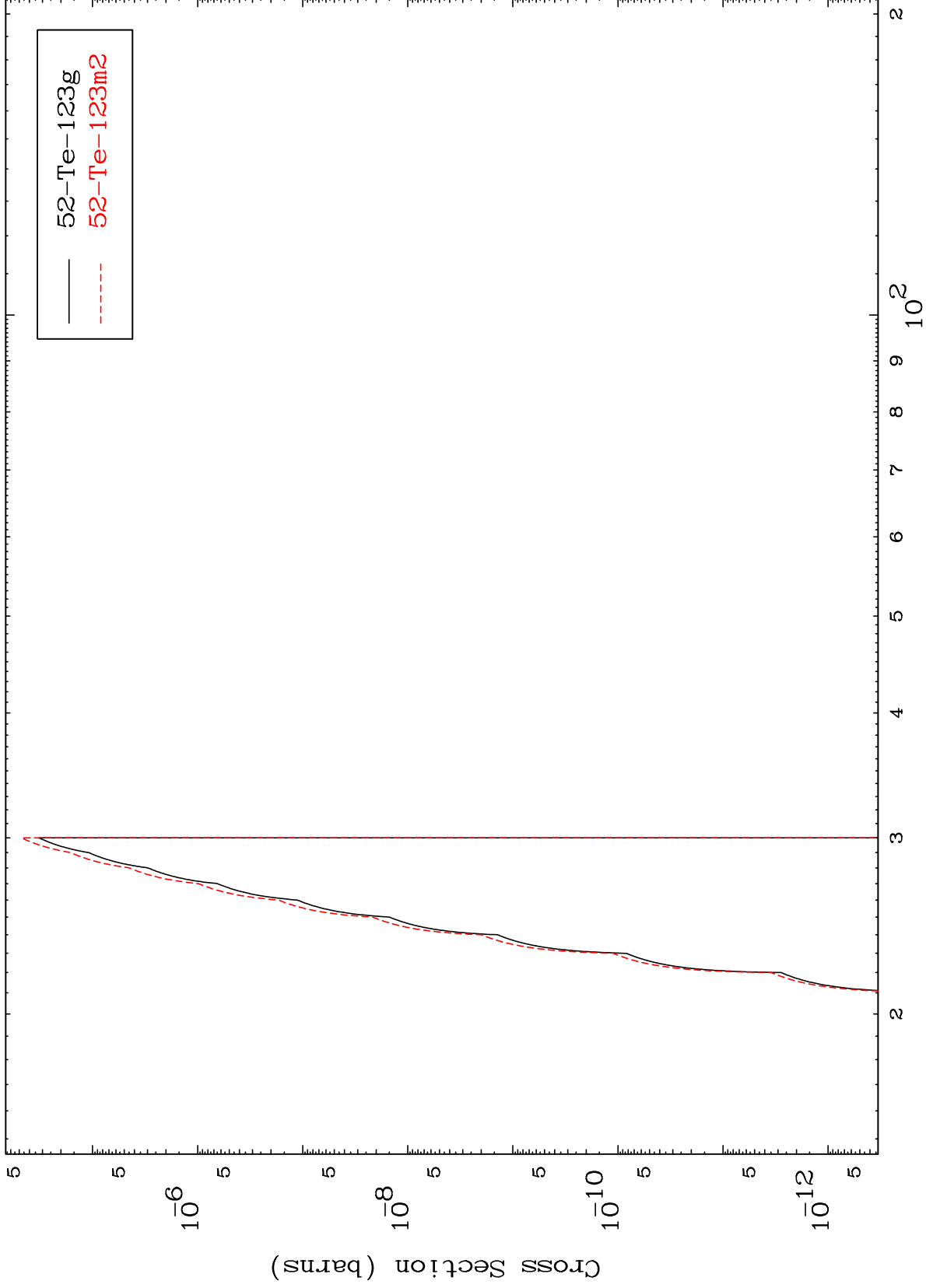
54-Xe-126

MAT 5431

(n,n') He-3

54-Xe-126

Radionuclide Production Cross Section

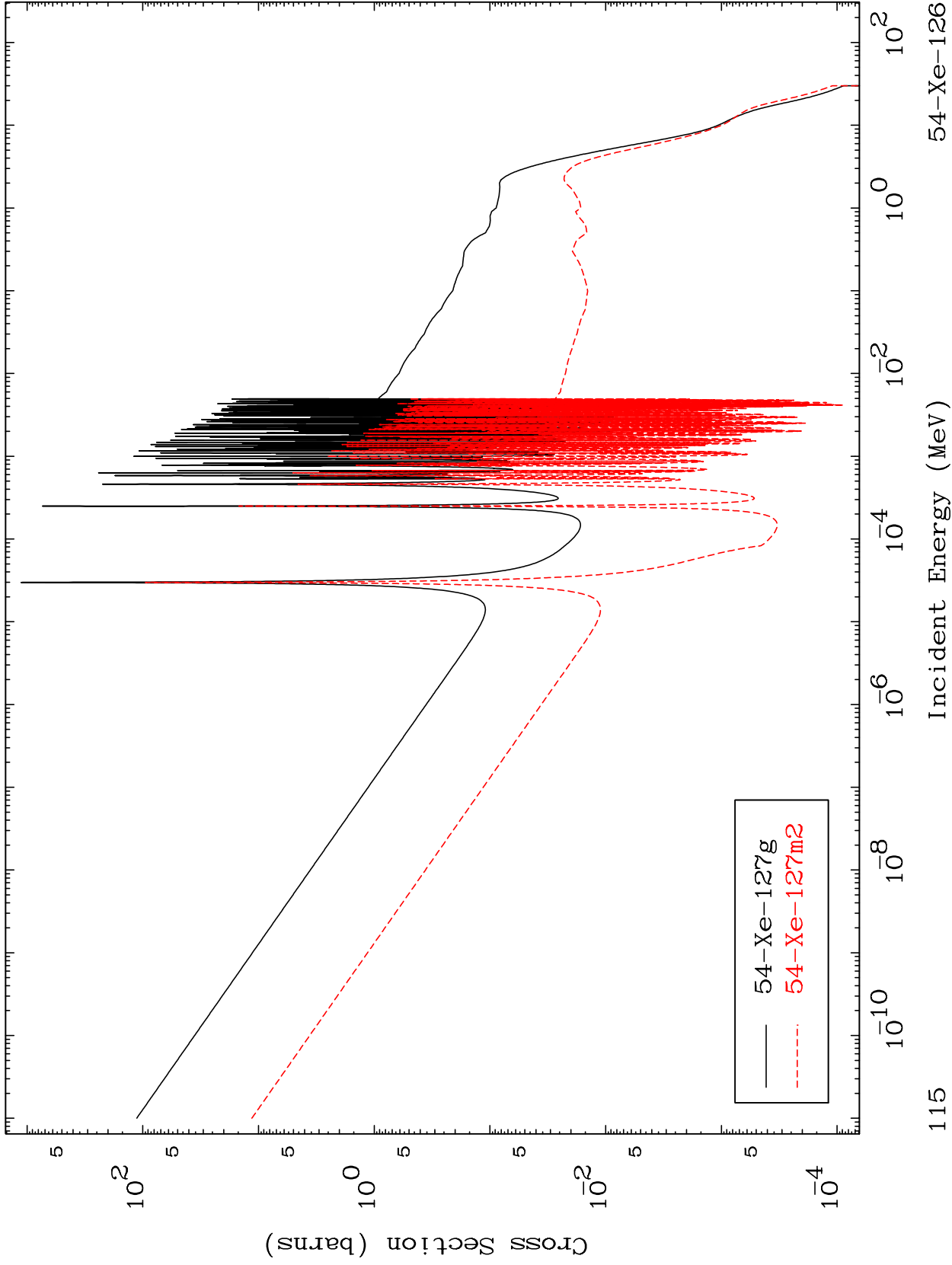


114

Incident Energy (MeV)

54-Xe-126

(n,γ)
Radionuclide Production Cross Section

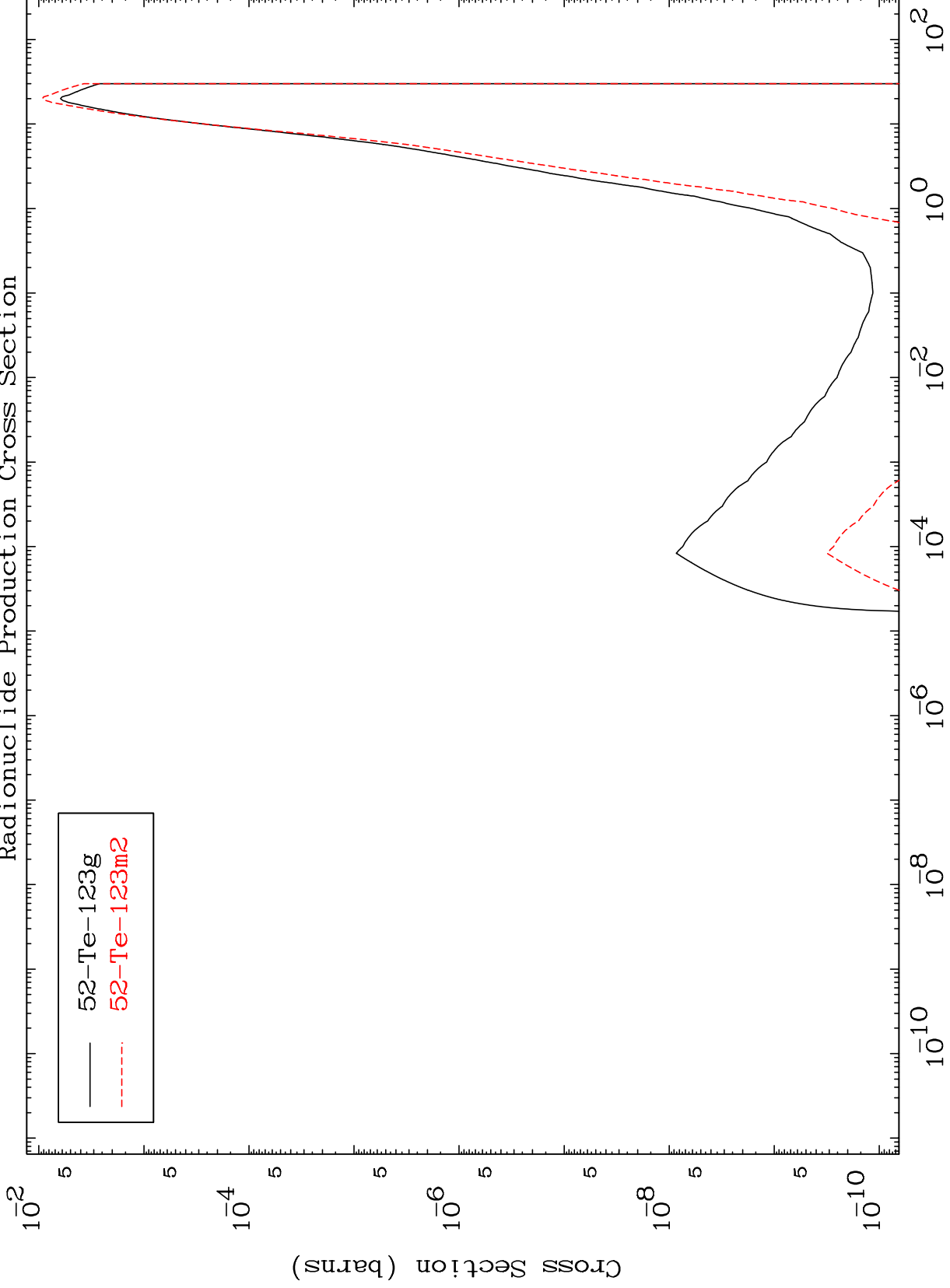


MAT 5431

(n, α)

54-Xe-126

Radionuclide Production Cross Section



116

Incident Energy (MeV)

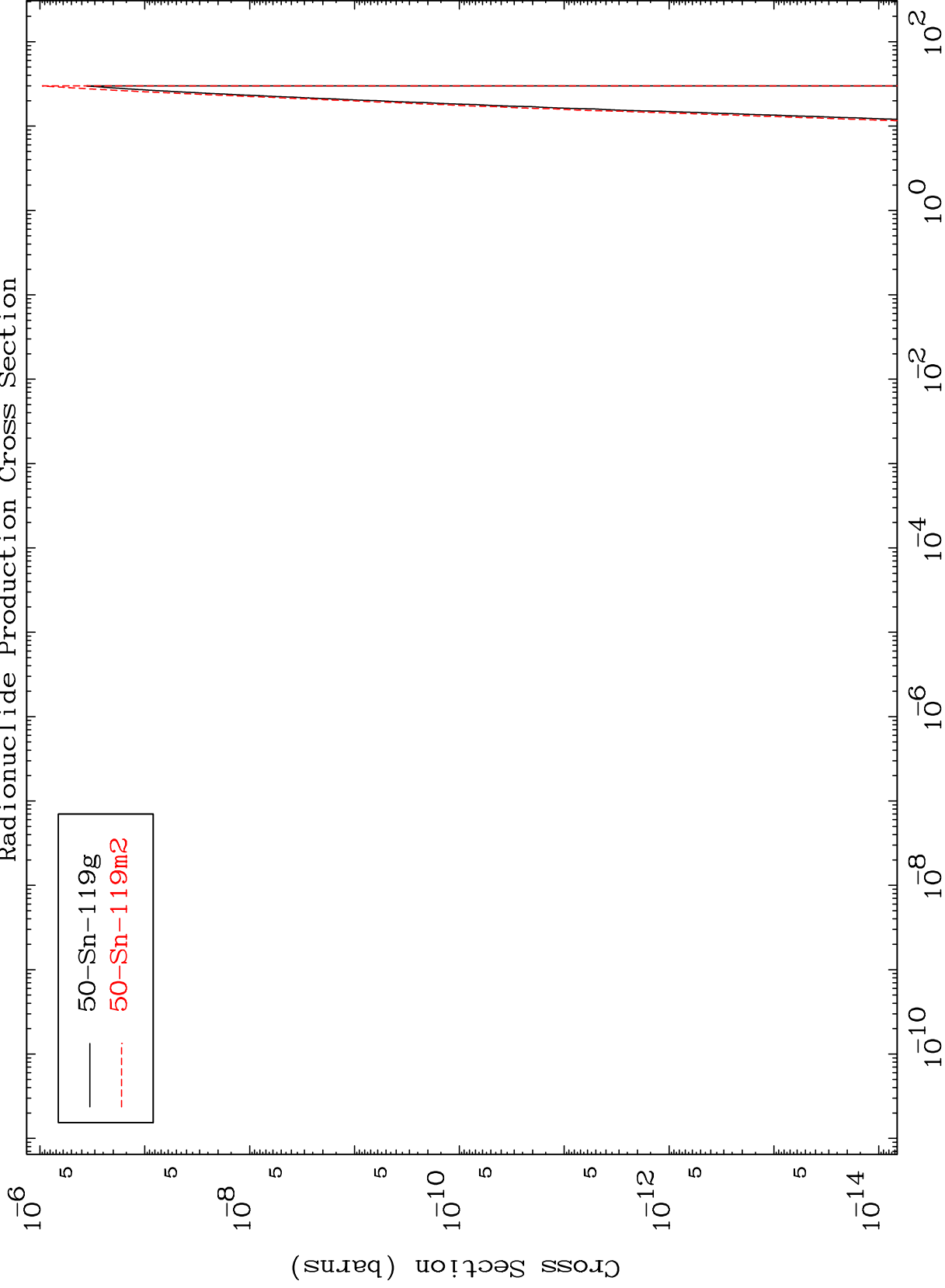
54-Xe-126

MAT 5431

(n,2α)

54-Xe-126

Radionuclide Production Cross Section



117

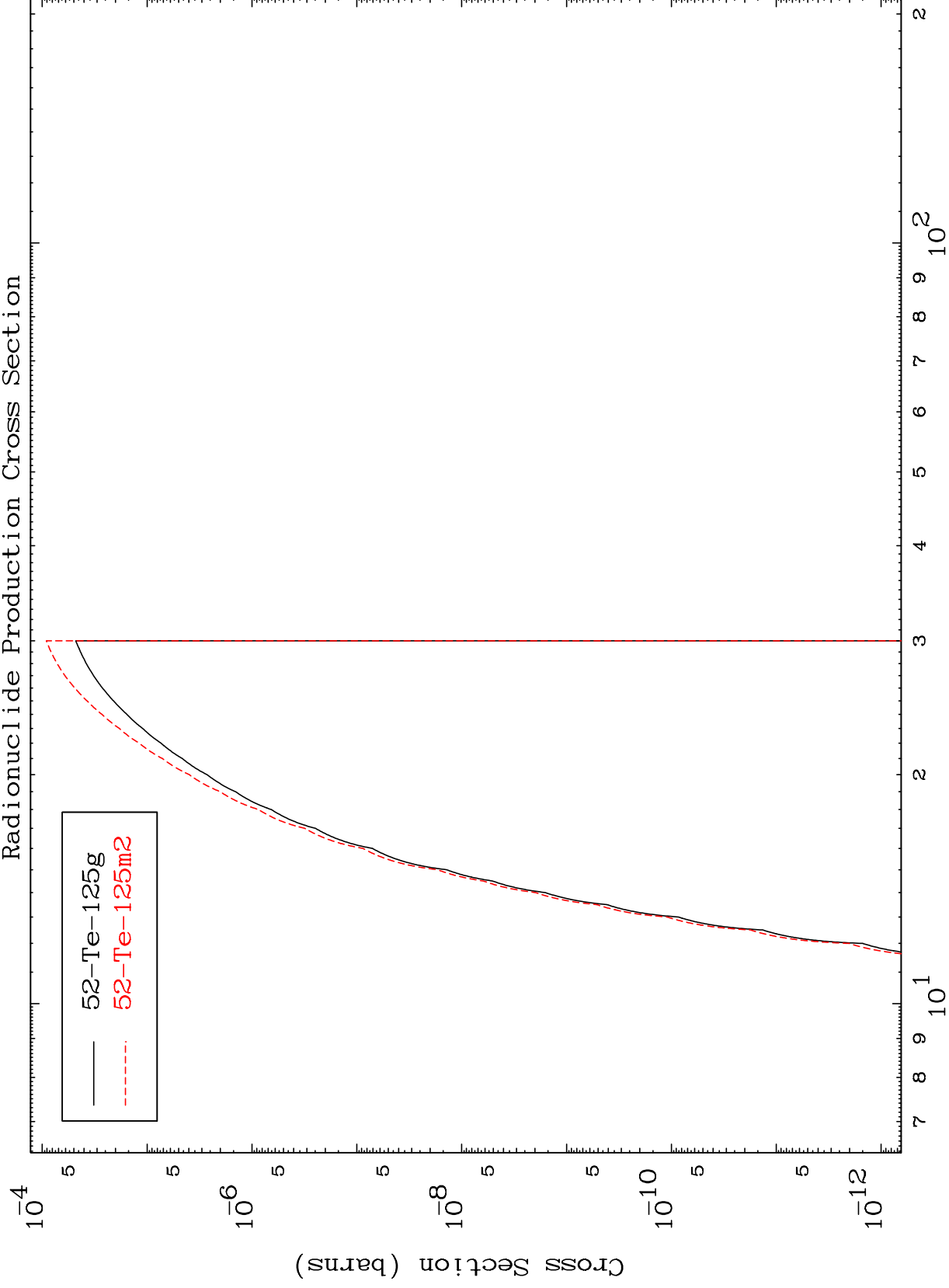
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

(n,2p)
Radionuclide Production Cross Section



54-Xe-126

Incident Energy (MeV)

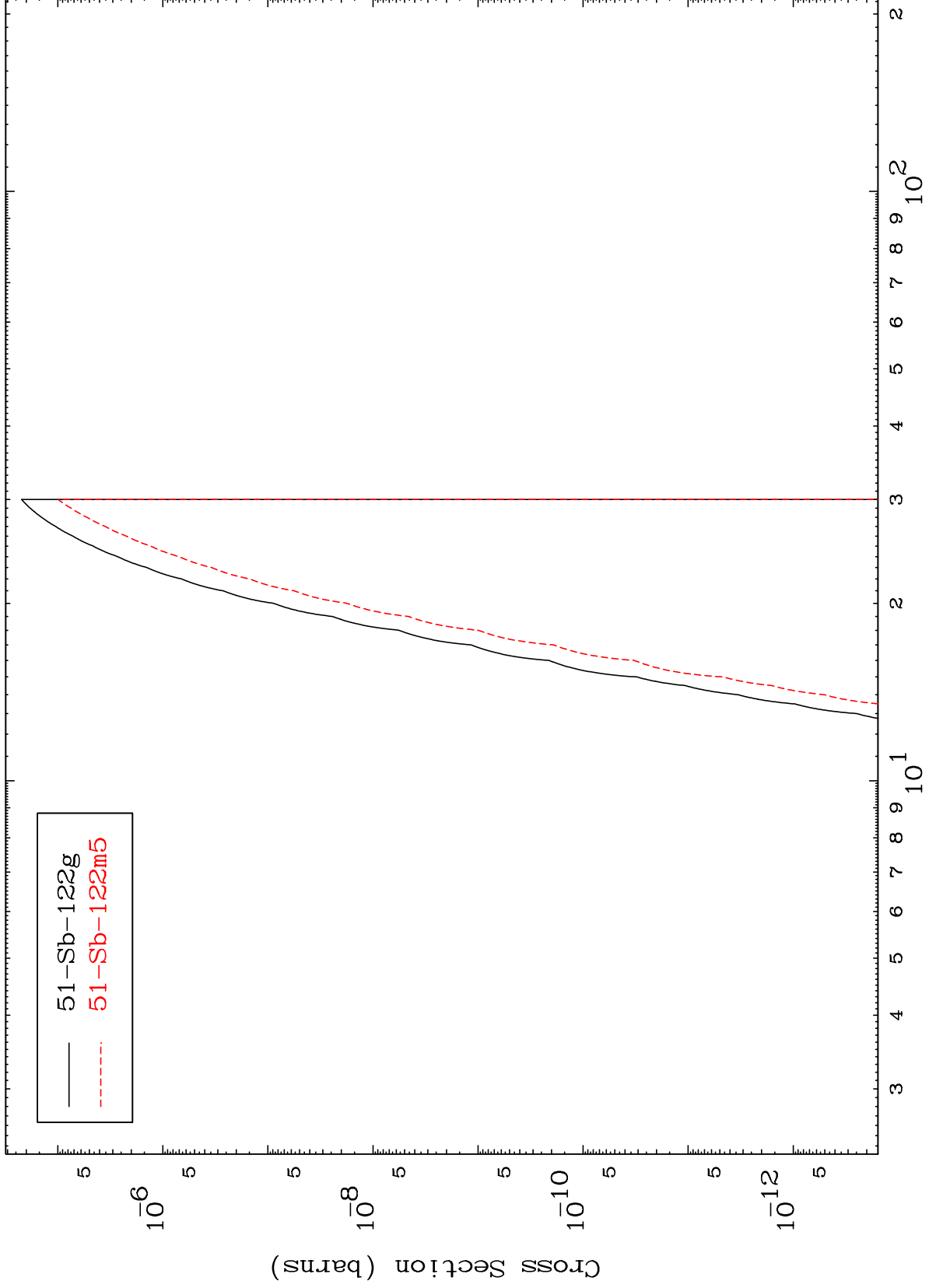
118

MAT 5431

(n,p) α

54-Xe-126

Radionuclide Production Cross Section



119

Incident Energy (MeV)

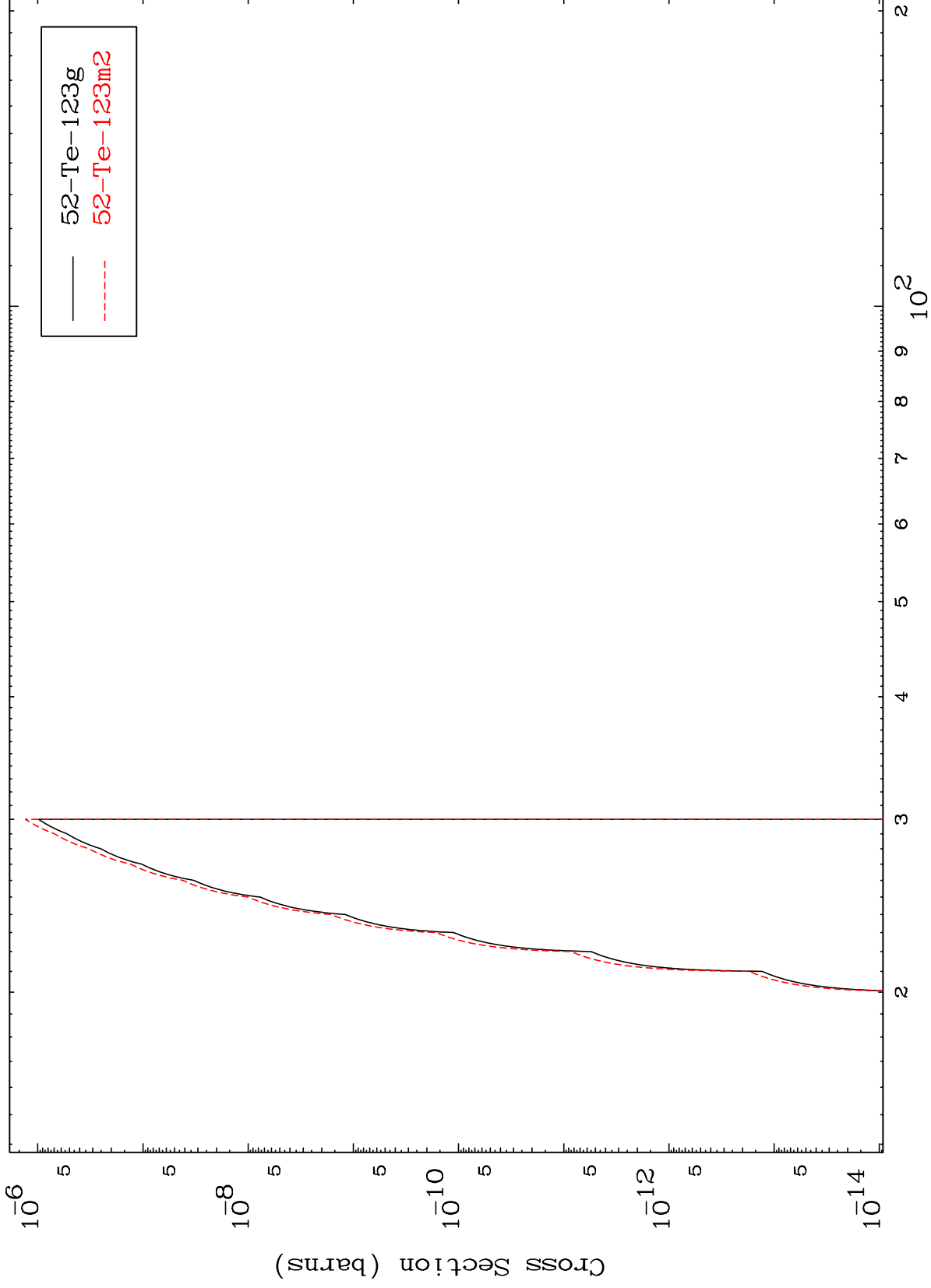
54-Xe-126

MAT 5431

(n,p) t

54-Xe-126

Radionuclide Production Cross Section



120

Incident Energy (MeV)

54-Xe-126