

Program EVALPLOT
(Version 2018-1)

by

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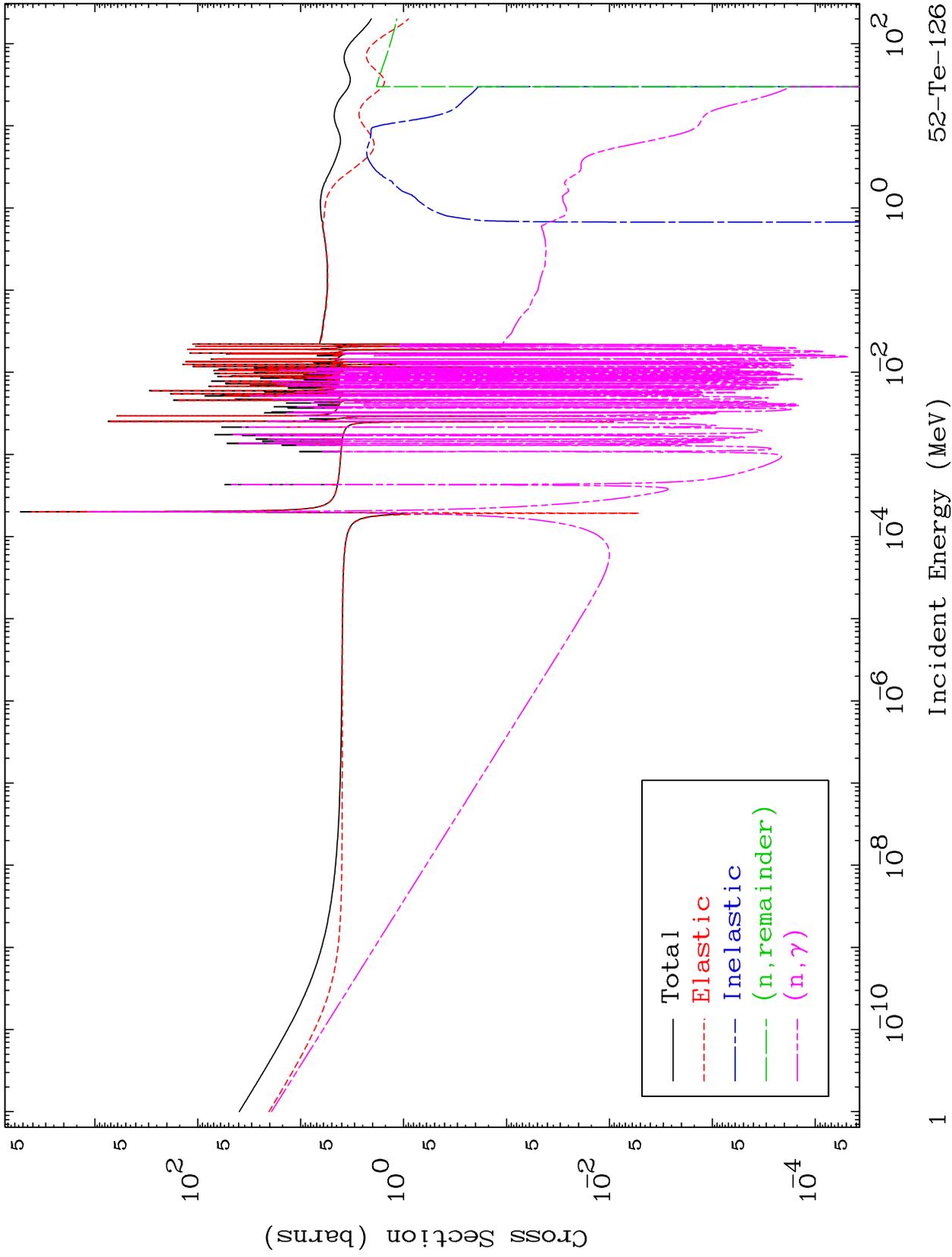
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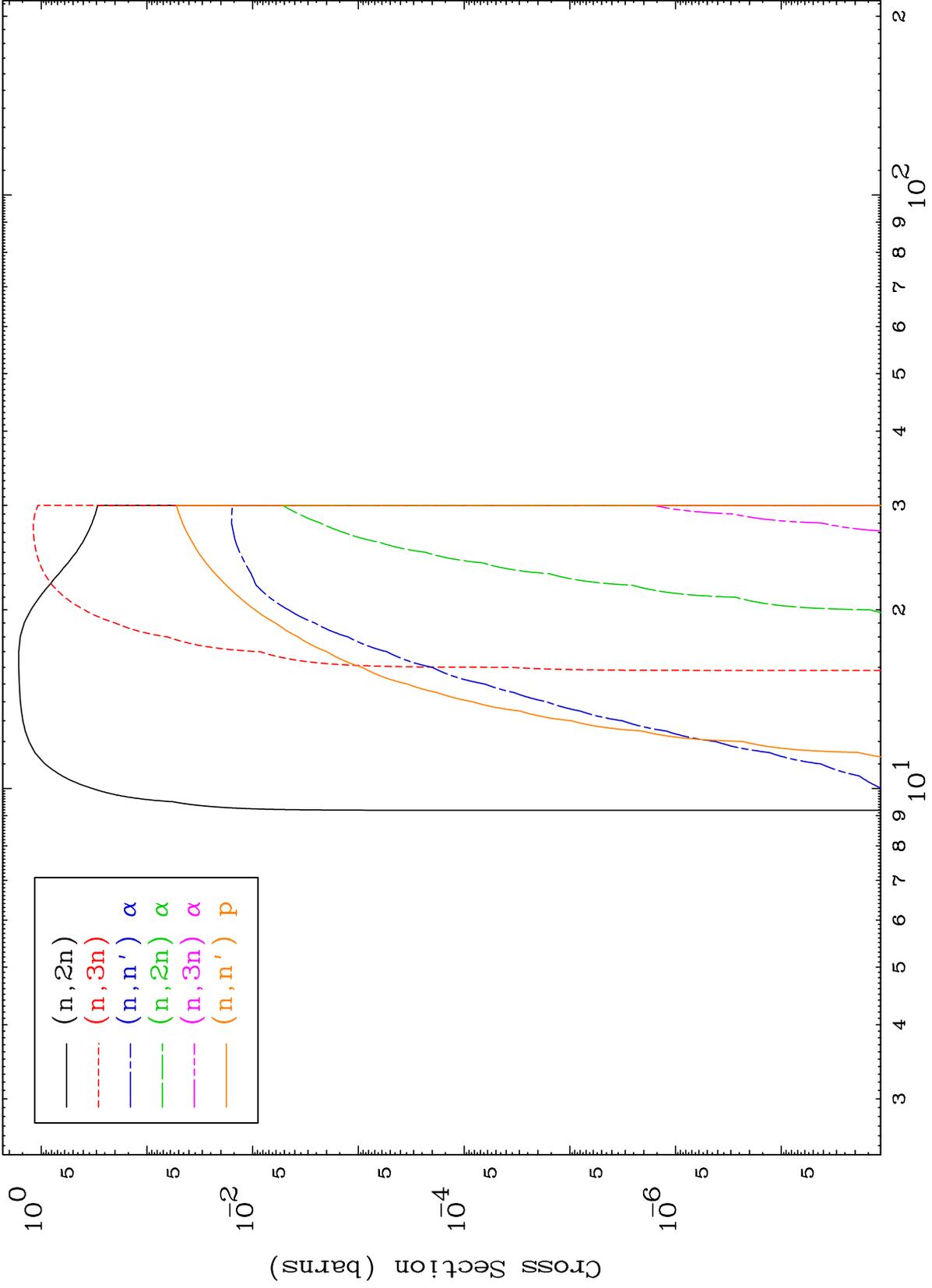
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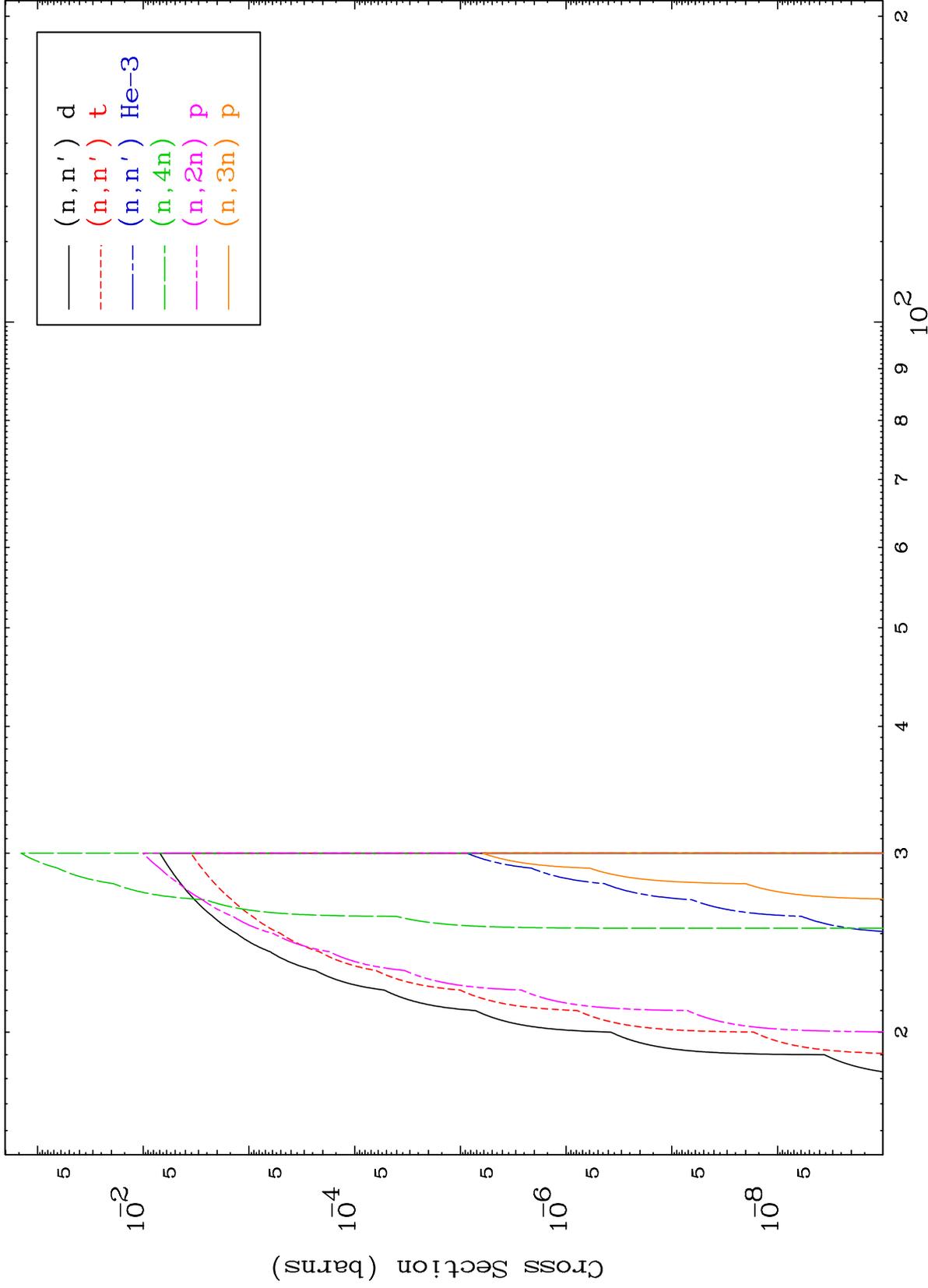
MAT 5243

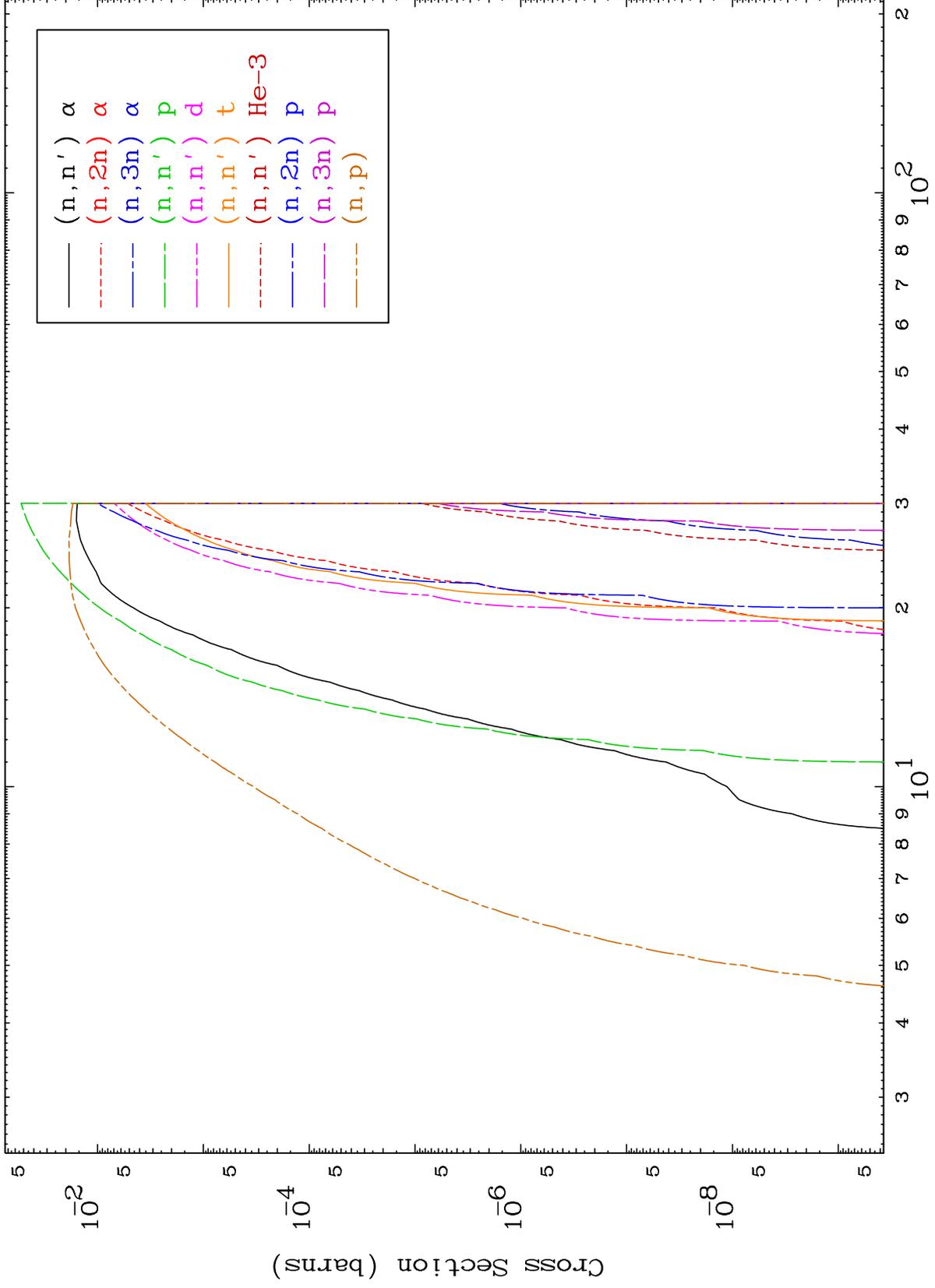
Major
293 Kelvin Cross Sections

52-Te-126





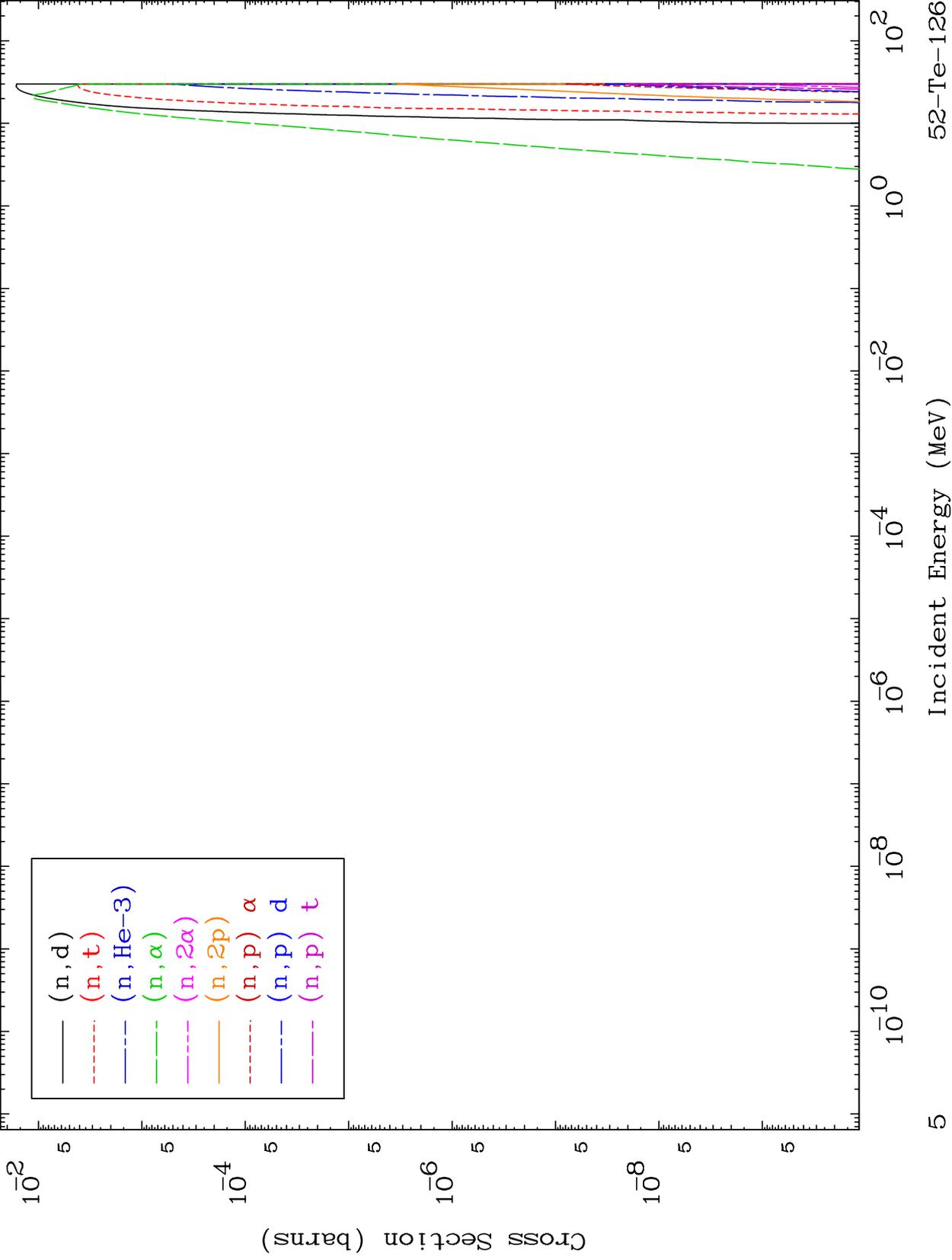


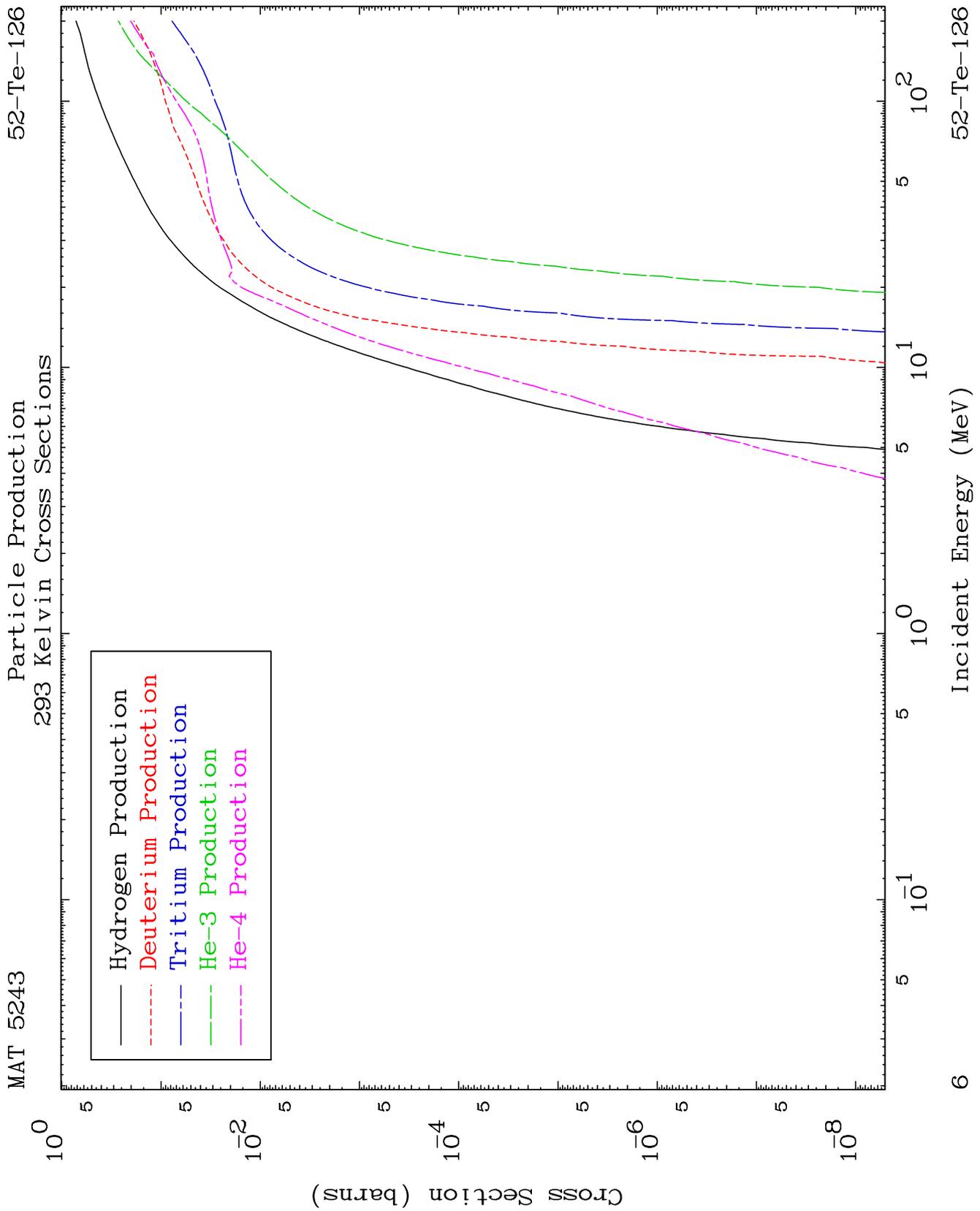


MAT 5243

Charged Particle
293 Kelvin Cross Sections

52-Te-126



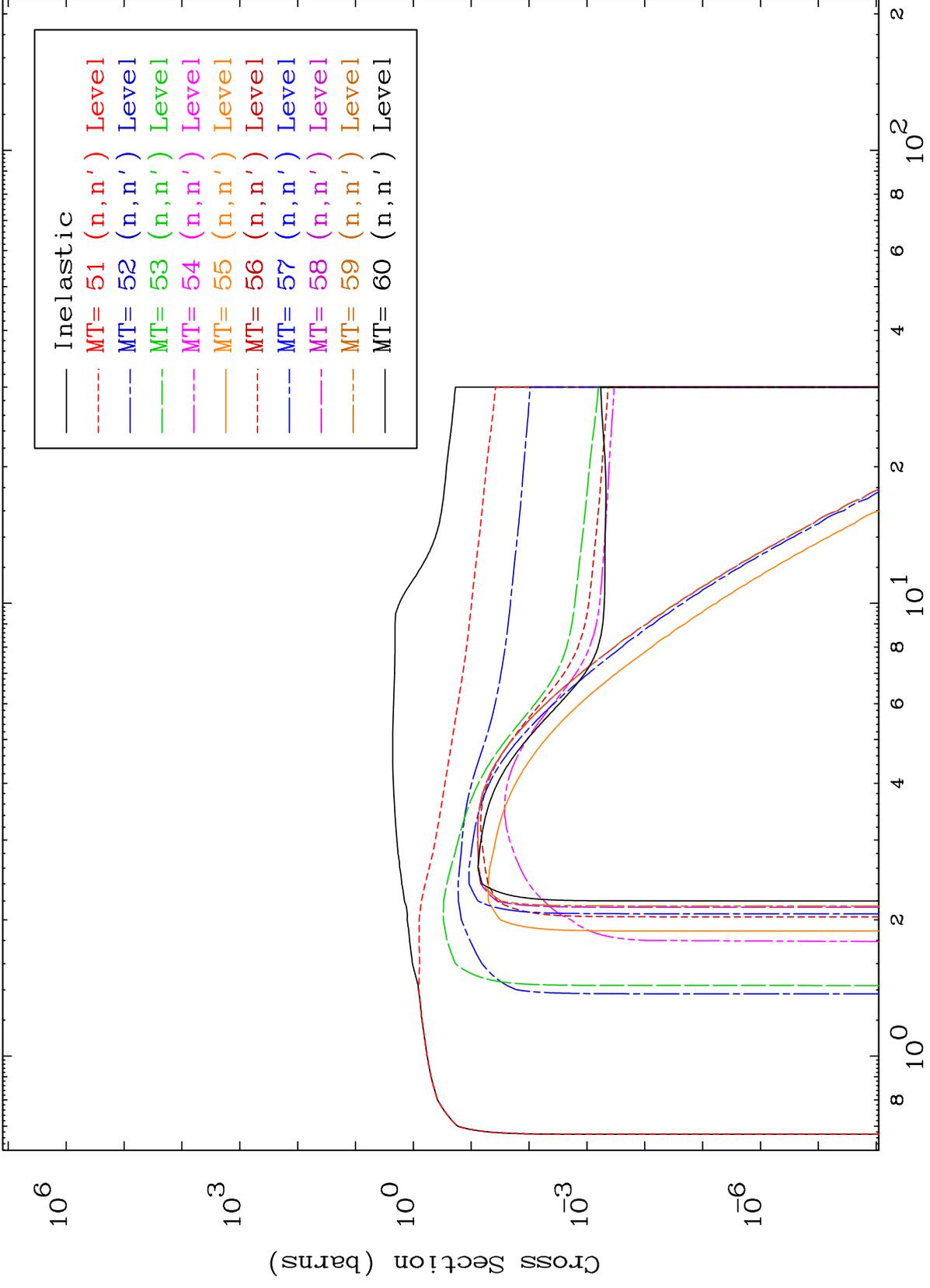


MAT 5243

(n,n') Level

52-Te-126

293 Kelvin Cross Sections

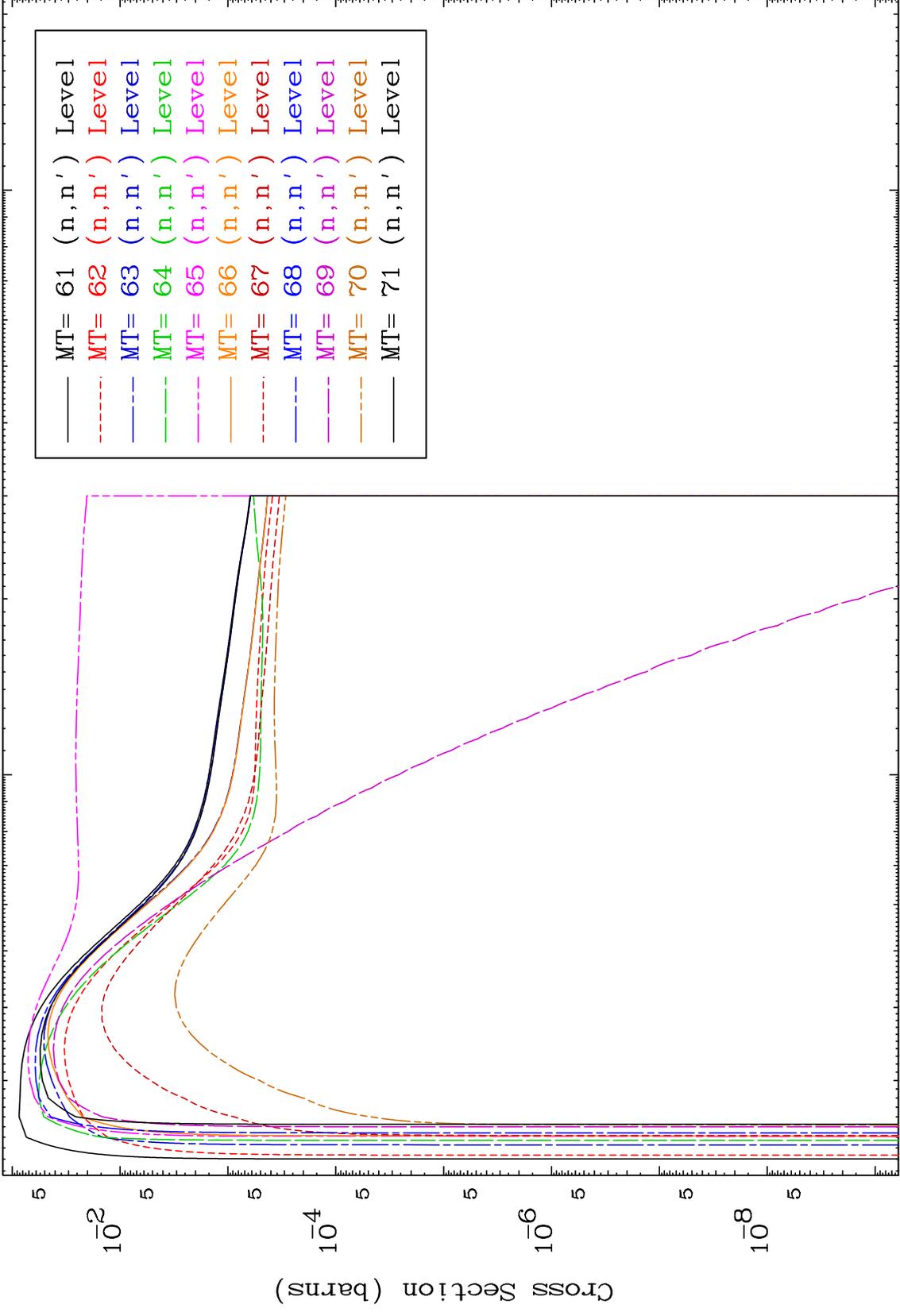


MAT 5243

(n,n') Level

52-Te-126

293 Kelvin Cross Sections



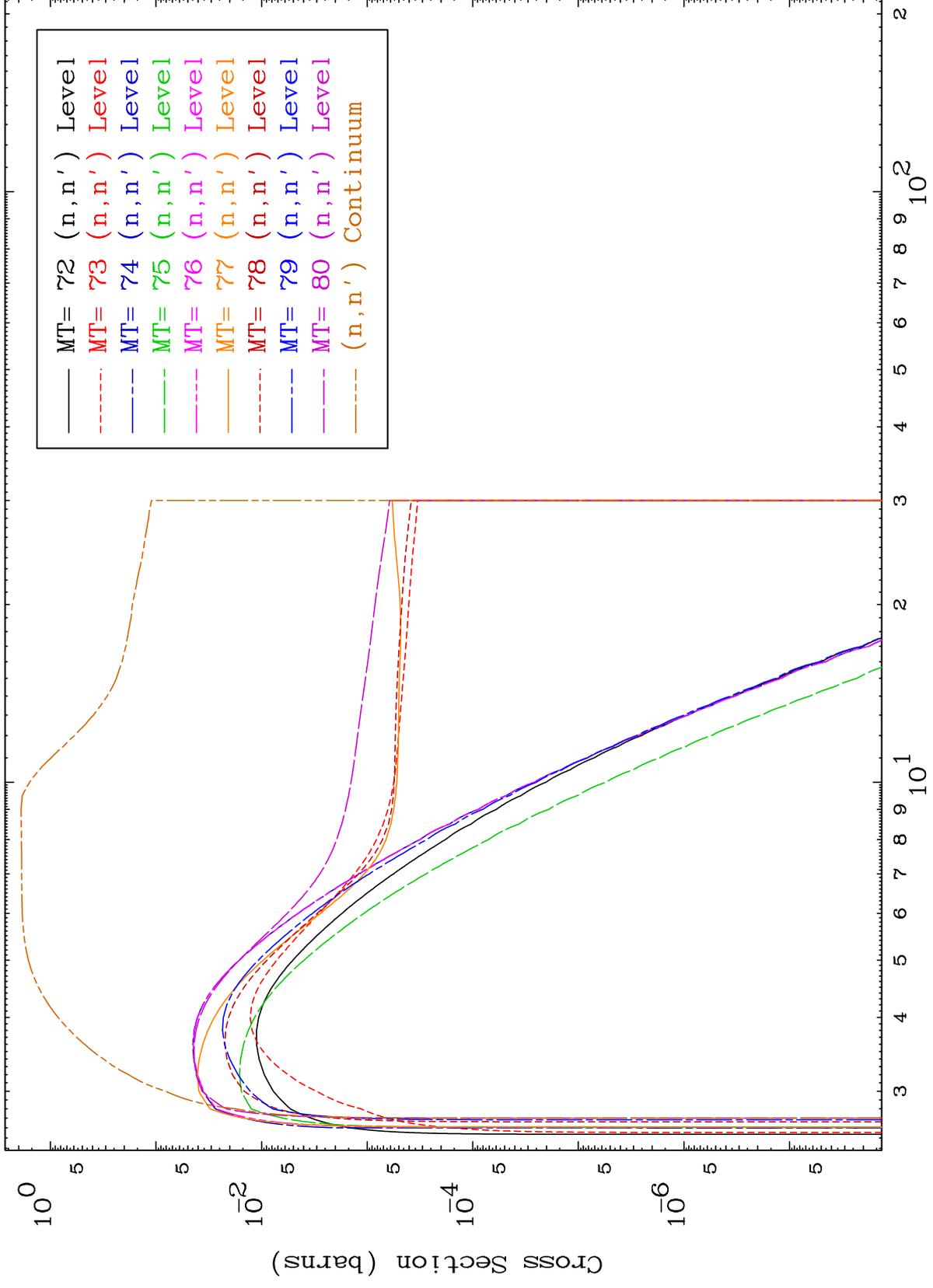
Line Style	MT=	(n, n')	Level
Solid	61	(n, n')	Level
Dashed	62	(n, n')	Level
Dash-dot	63	(n, n')	Level
Dotted	64	(n, n')	Level
Long-dash	65	(n, n')	Level
Solid	66	(n, n')	Level
Dashed	67	(n, n')	Level
Dash-dot	68	(n, n')	Level
Dotted	69	(n, n')	Level
Long-dash	70	(n, n')	Level
Solid	71	(n, n')	Level

8

Incident Energy (MeV)

52-Te-126

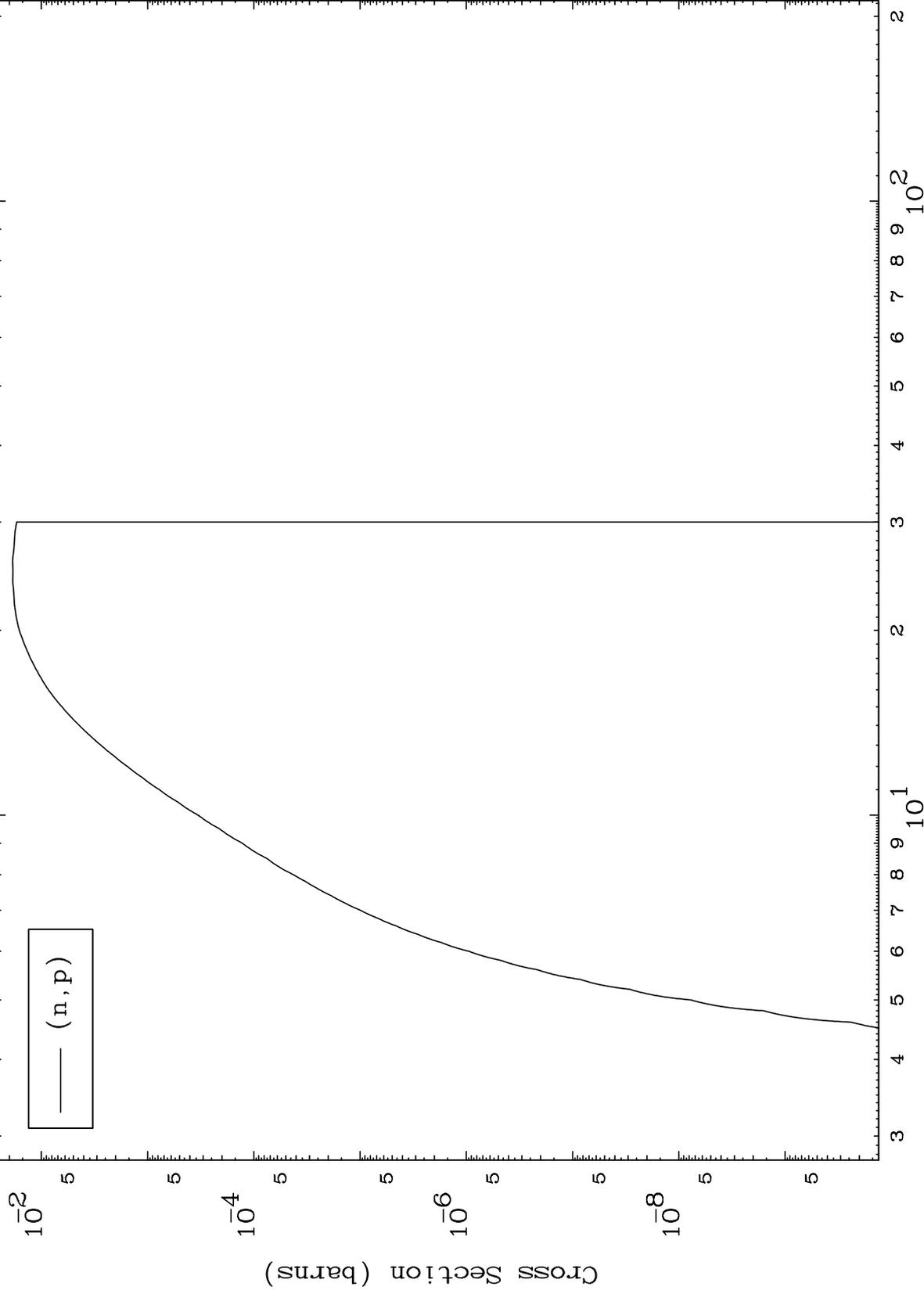
293 Kelvin Cross Sections



MAT 5243

(n,p) Levels
293 Kelvin Cross Sections

52-Te-126



10

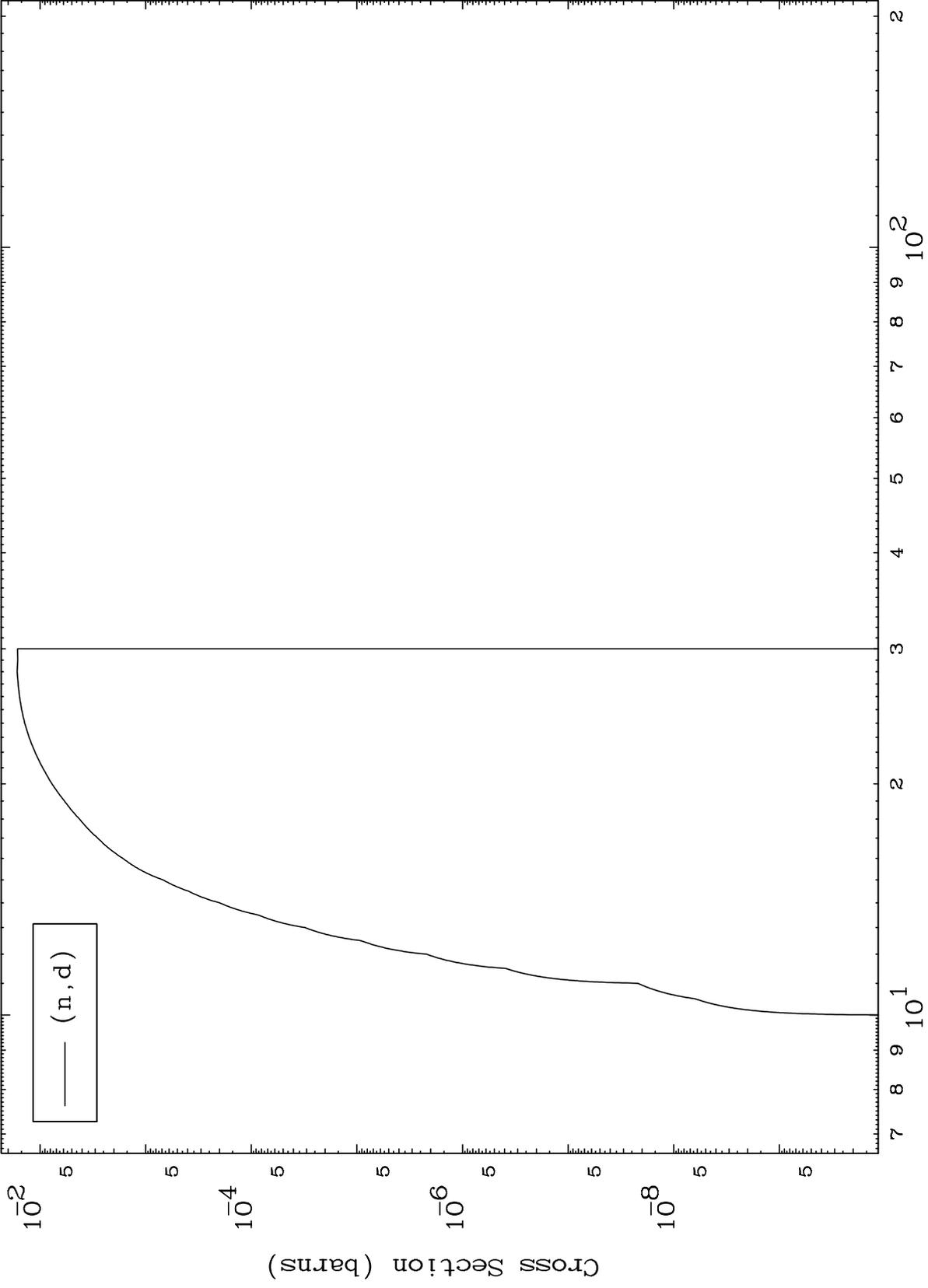
Incident Energy (MeV)

52-Te-126

MAT 5243

(n,d) Levels
293 Kelvin Cross Sections

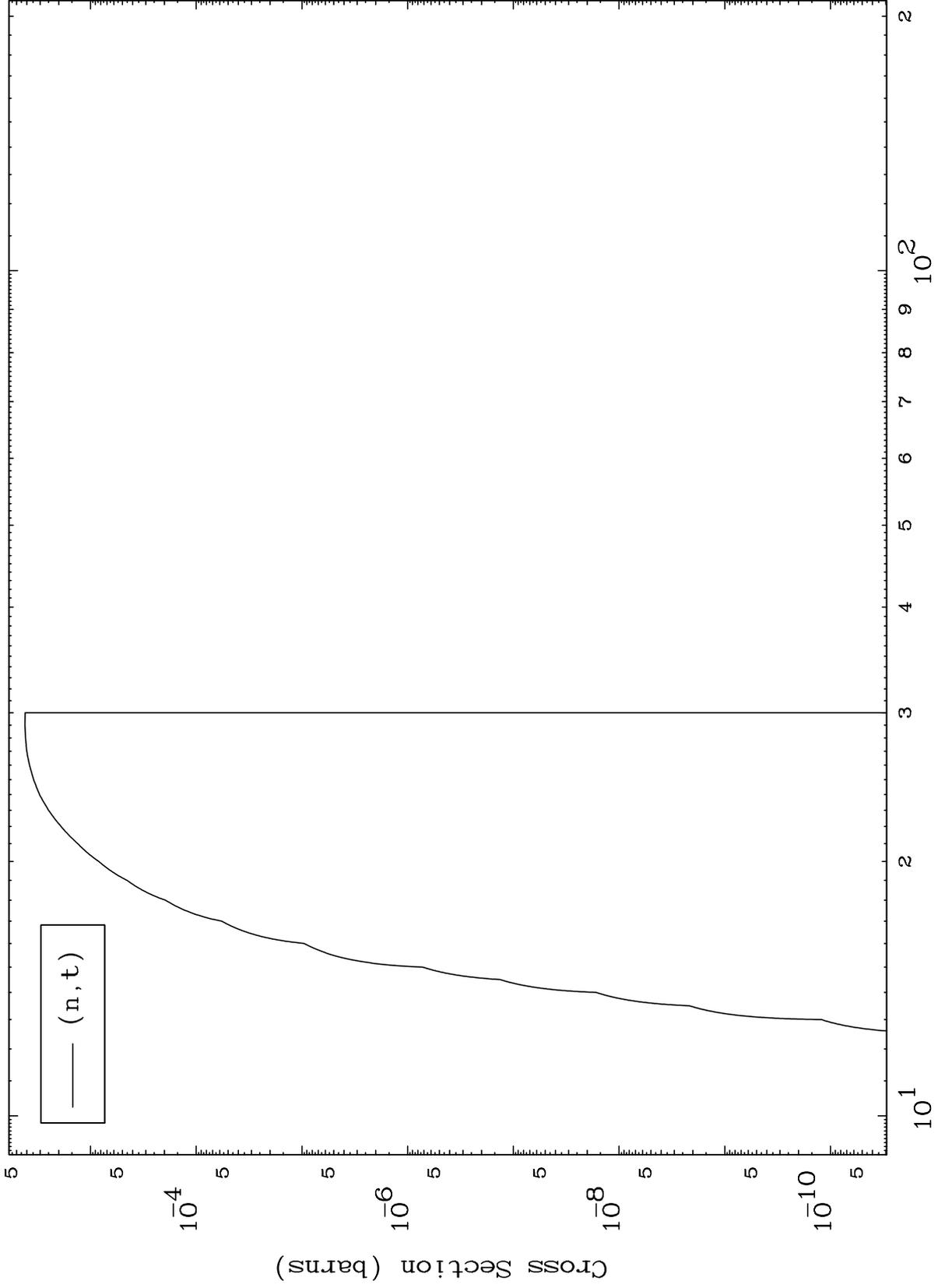
52-Te-126



MAT 5243

(n,t) Levels
293 Kelvin Cross Sections

52-Te-126



12

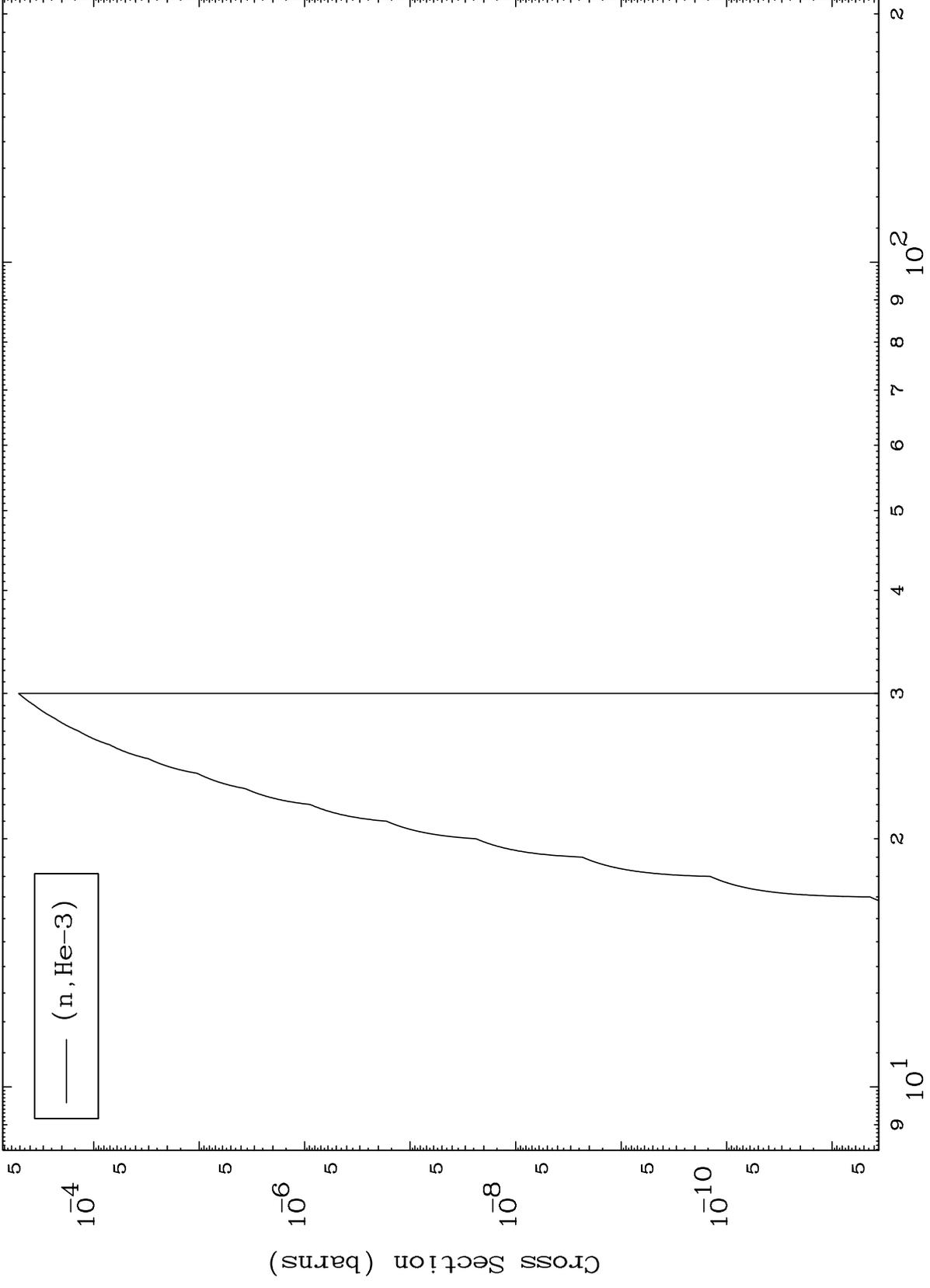
Incident Energy (MeV)

52-Te-126

MAT 5243

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-126



13

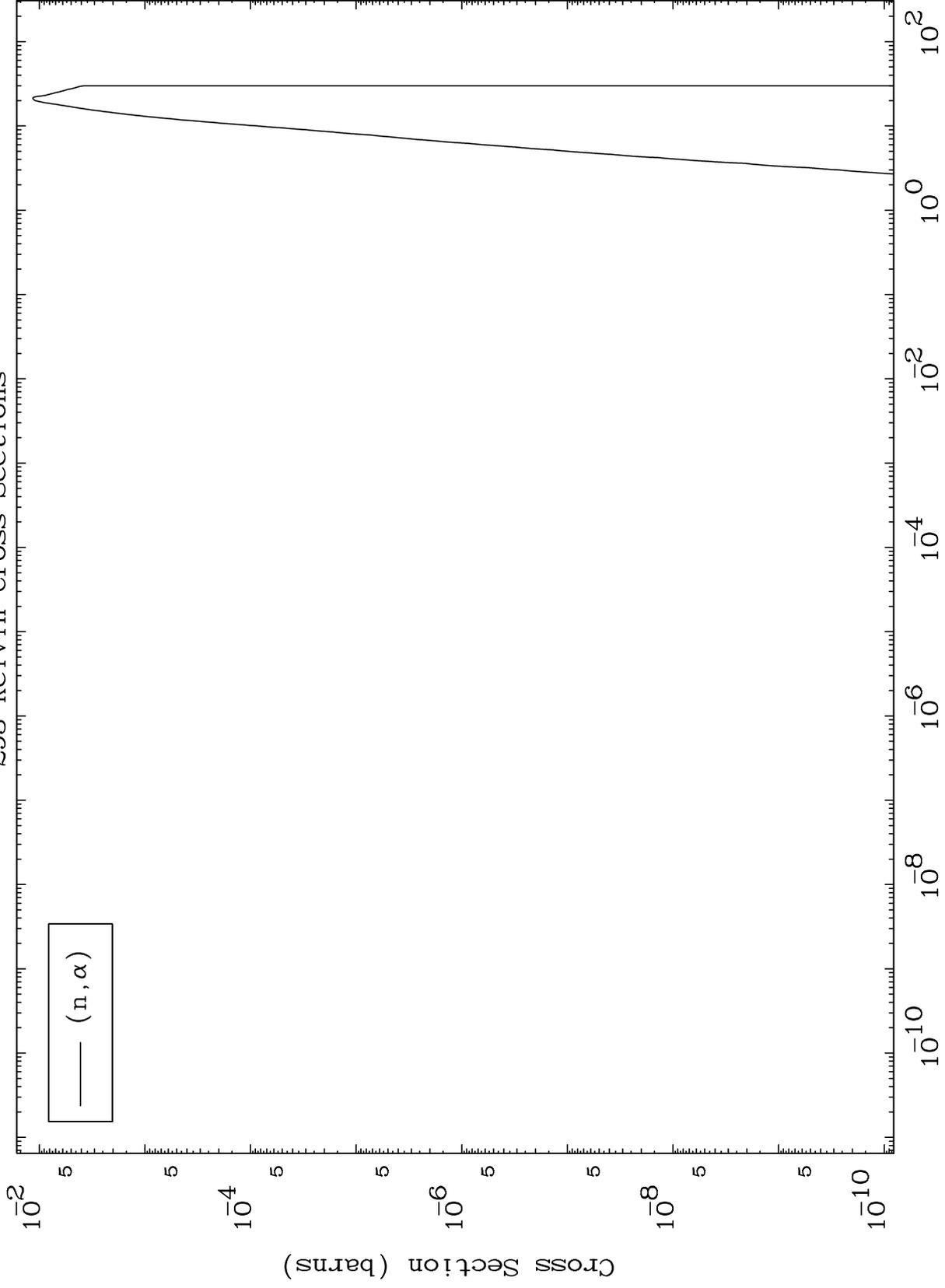
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52-Te-126

MAT 5243

(n, α) Levels
293 Kelvin Cross Sections

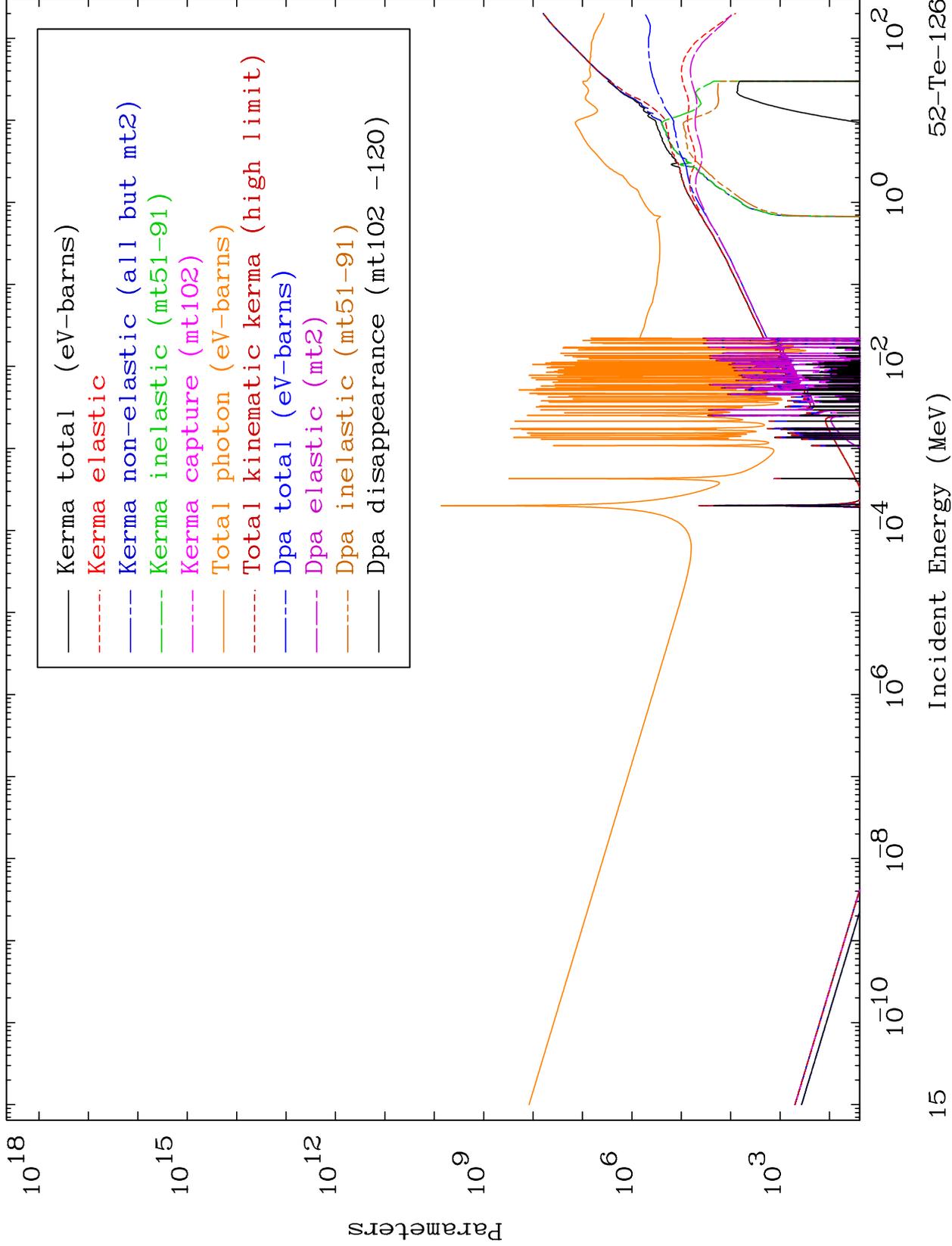
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Incident Energy (MeV)

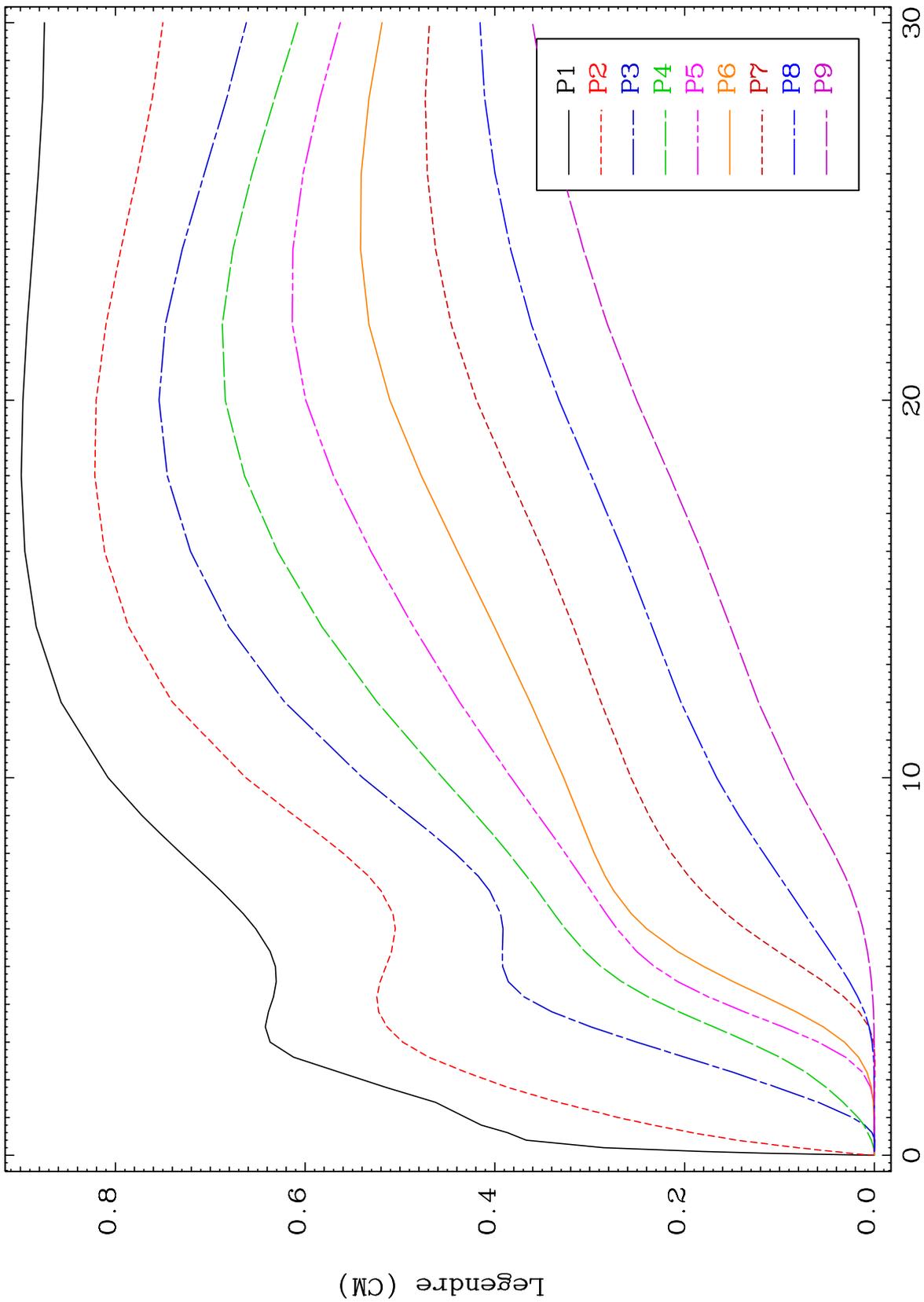
52-Te-126



MAT 5243

52-Te-126

Elastic Legendre Coefficients



16

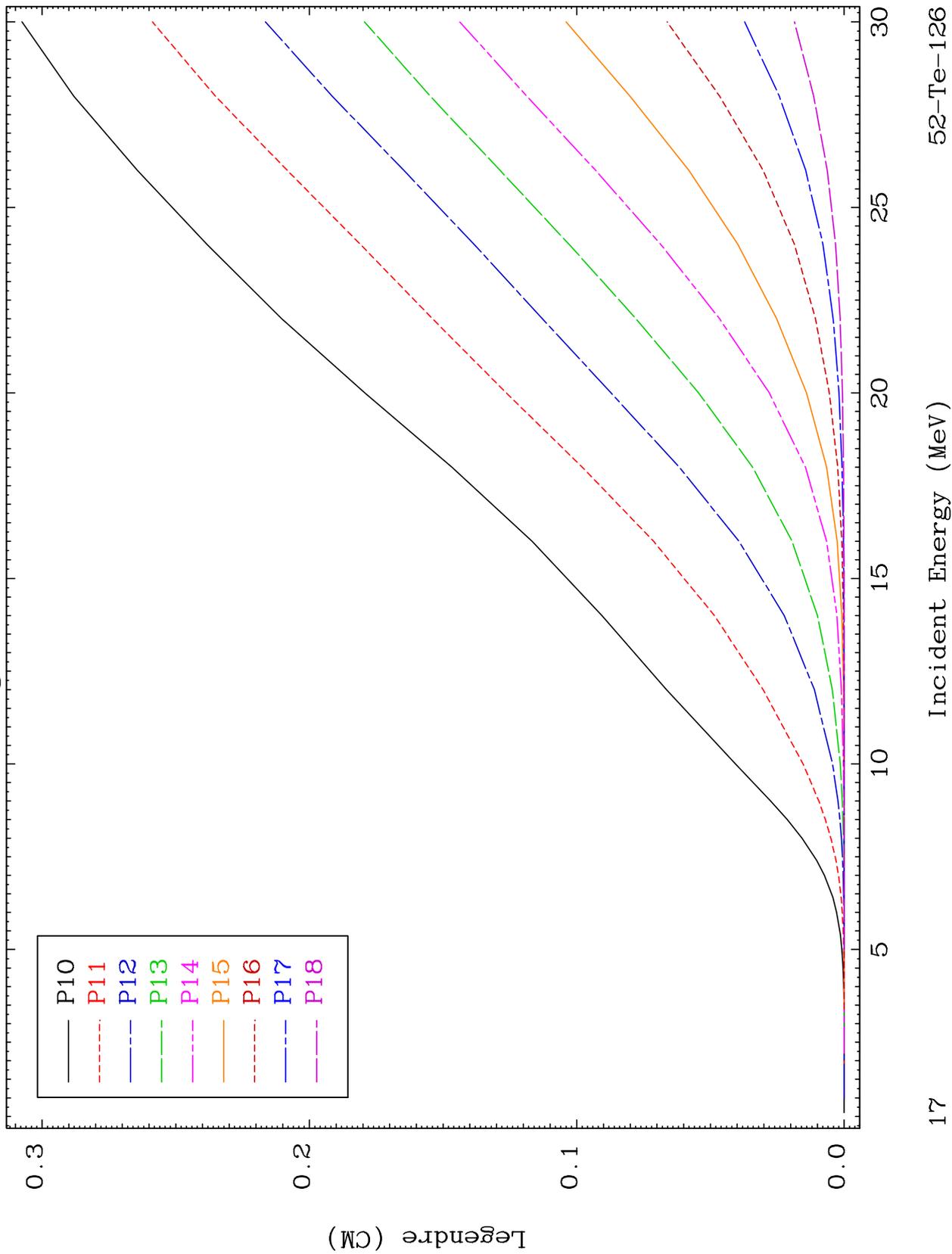
Incident Energy (MeV)

52-Te-126

MAT 5243

Elastic Legendre Coefficients

52-Te-126

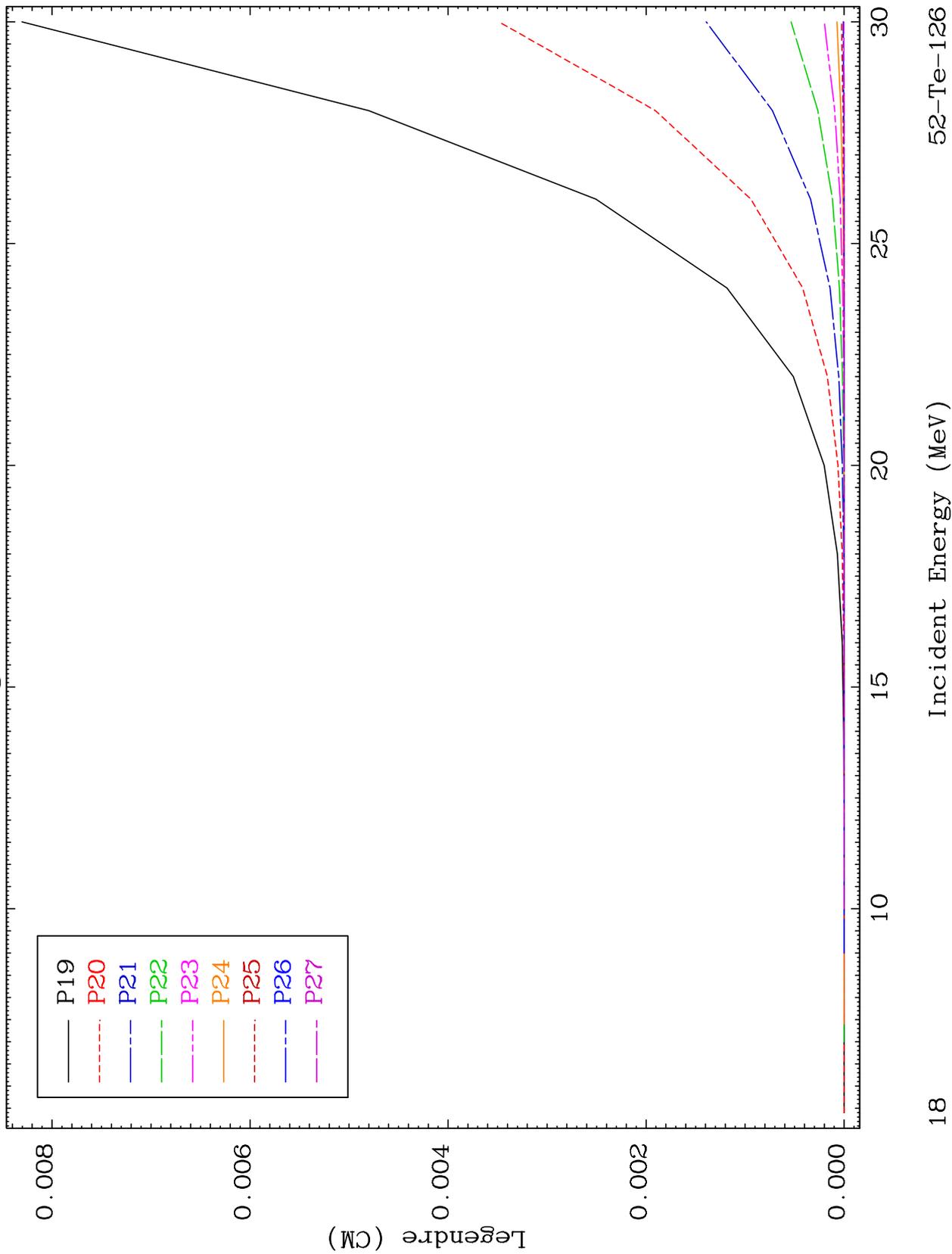


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MAT 5243

Elastic Legendre Coefficients

52-Te-126



18

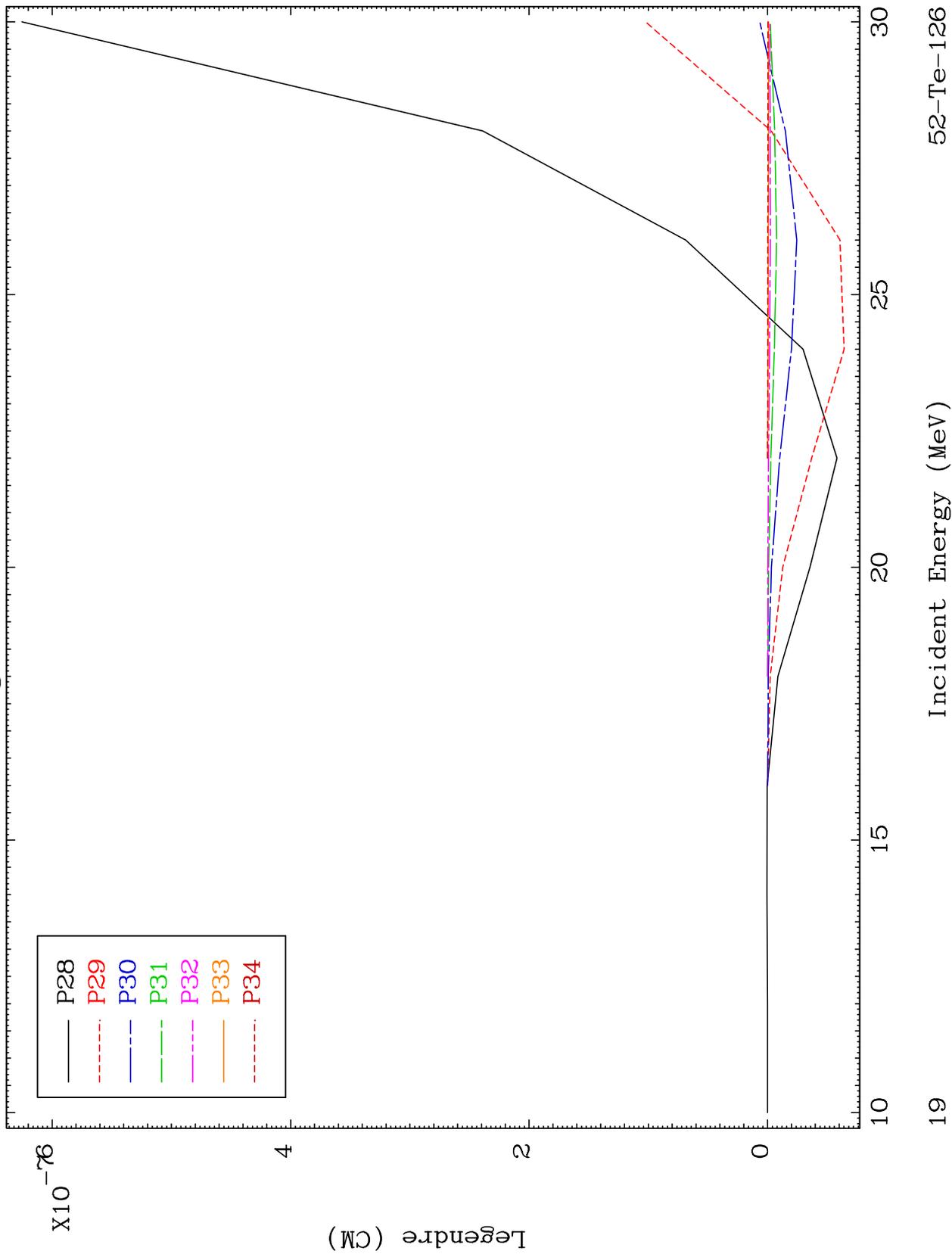
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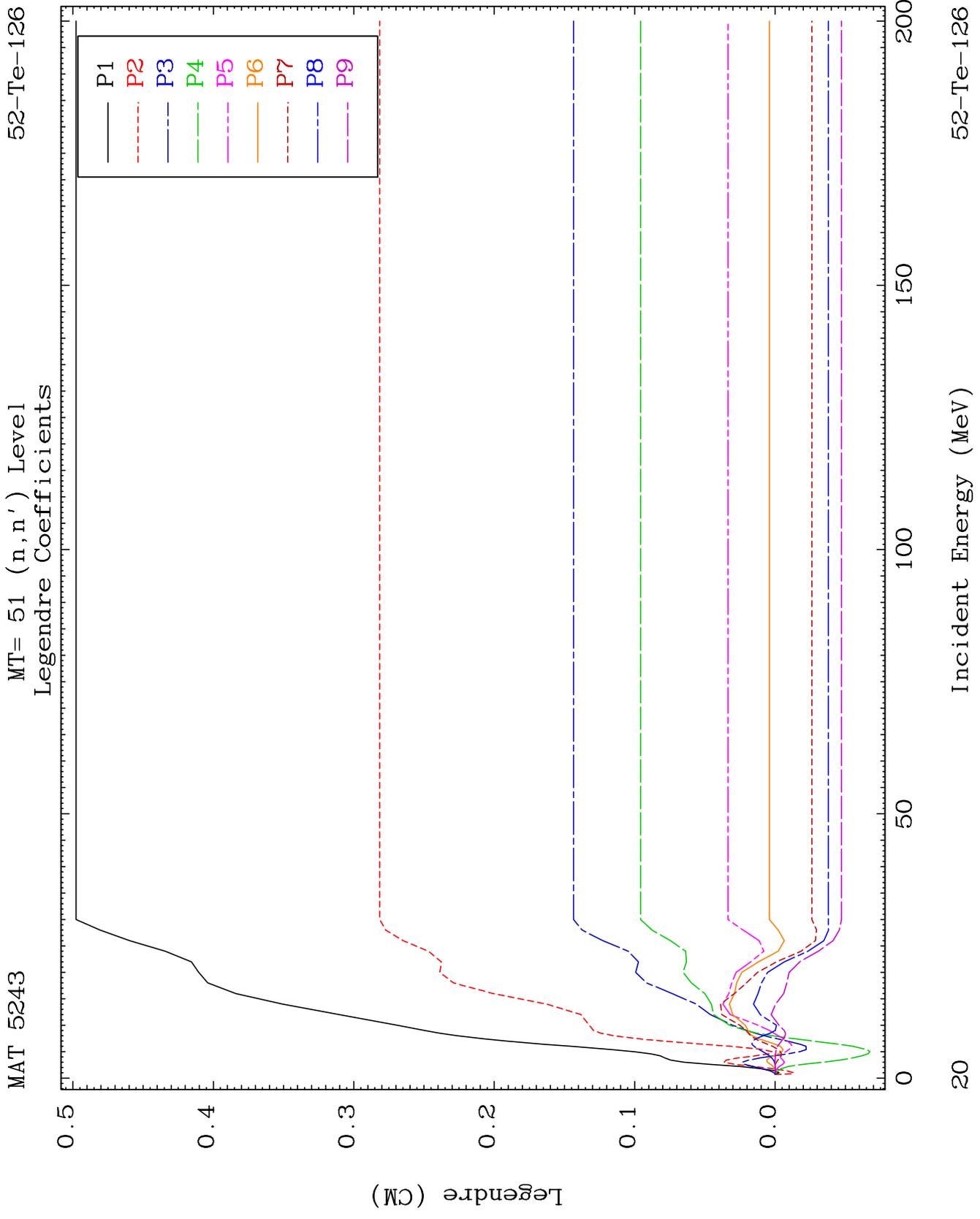
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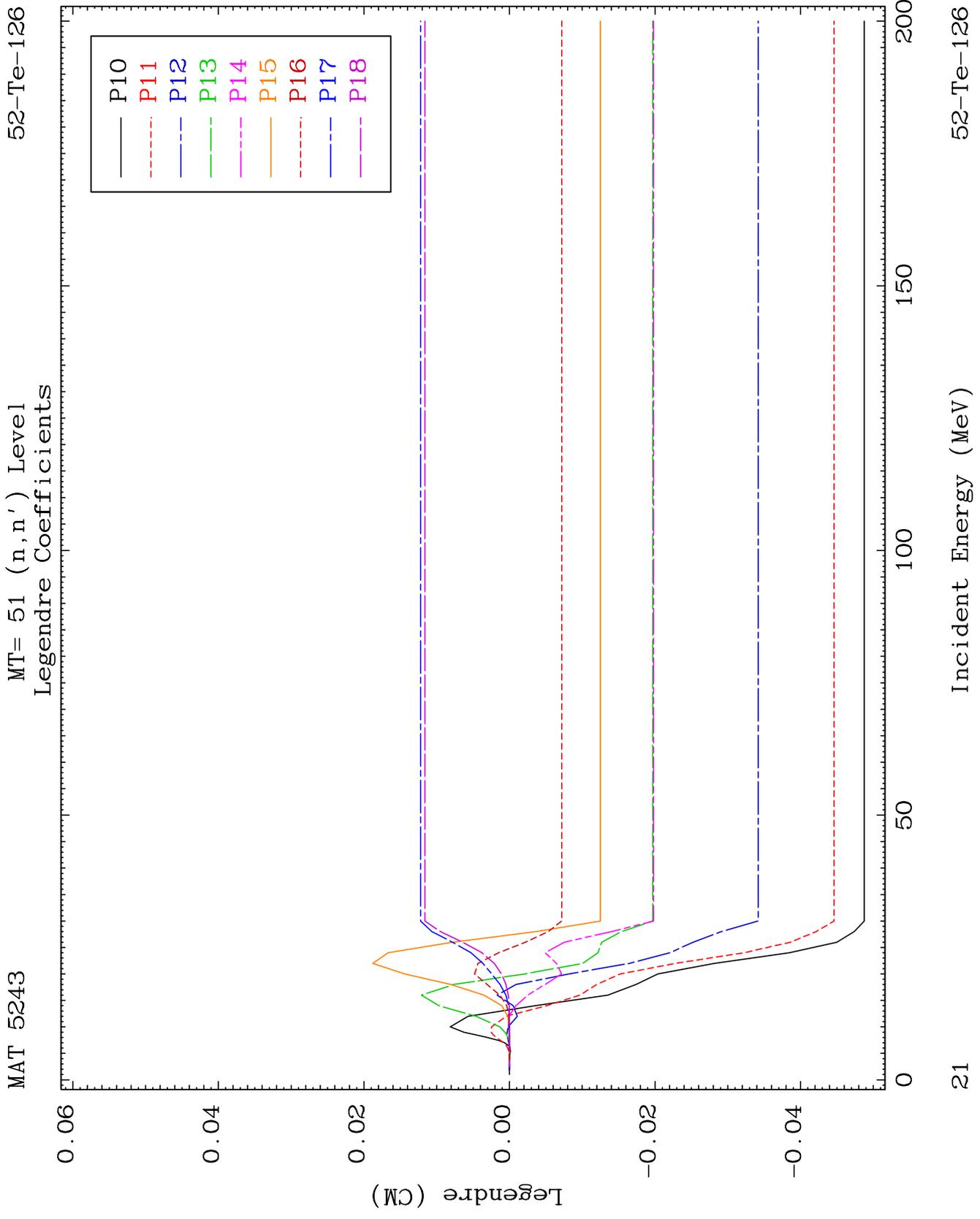
MAT 5243

Elastic Legendre Coefficients

52-Te-126



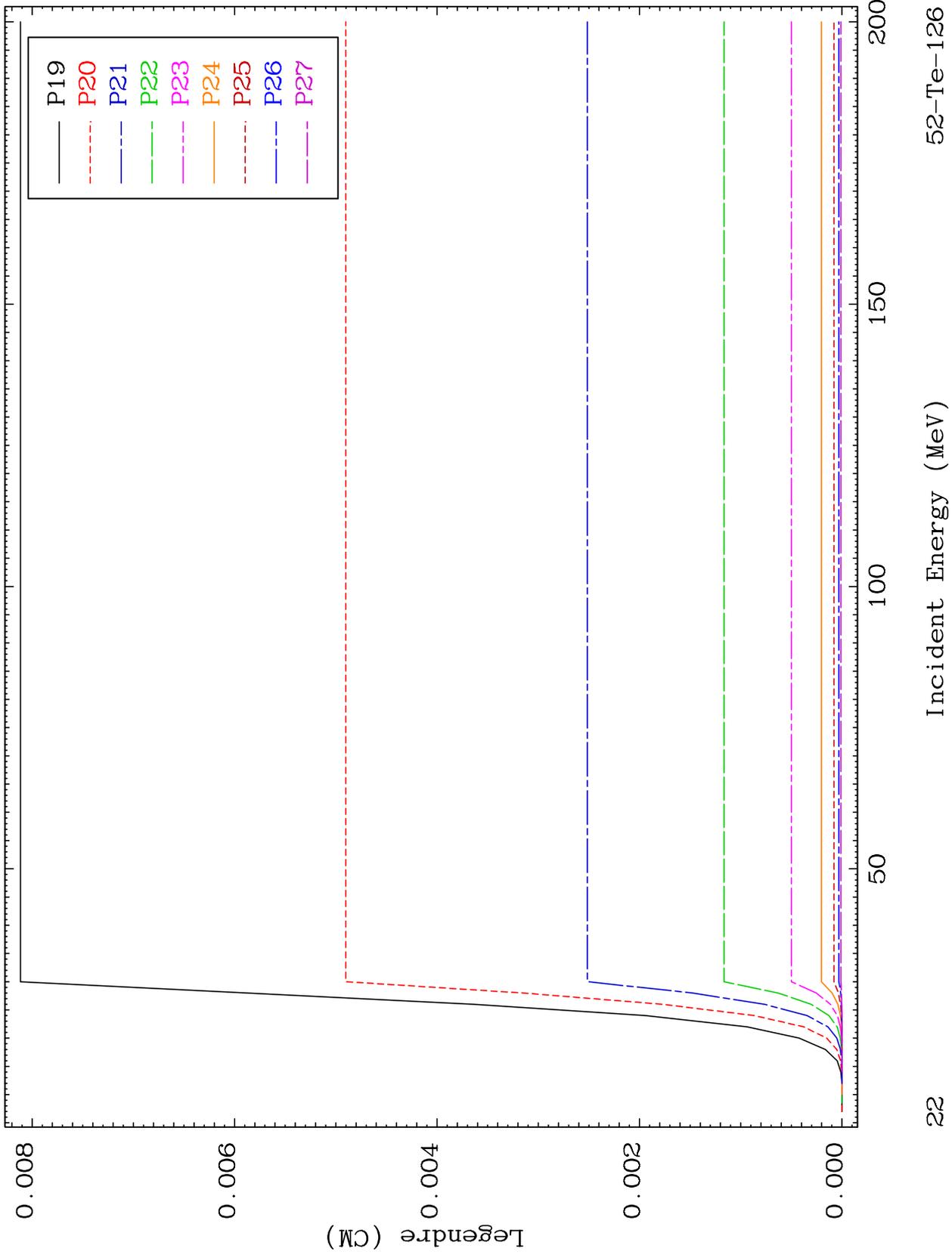




MAT 5243

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

52-Te-126



22

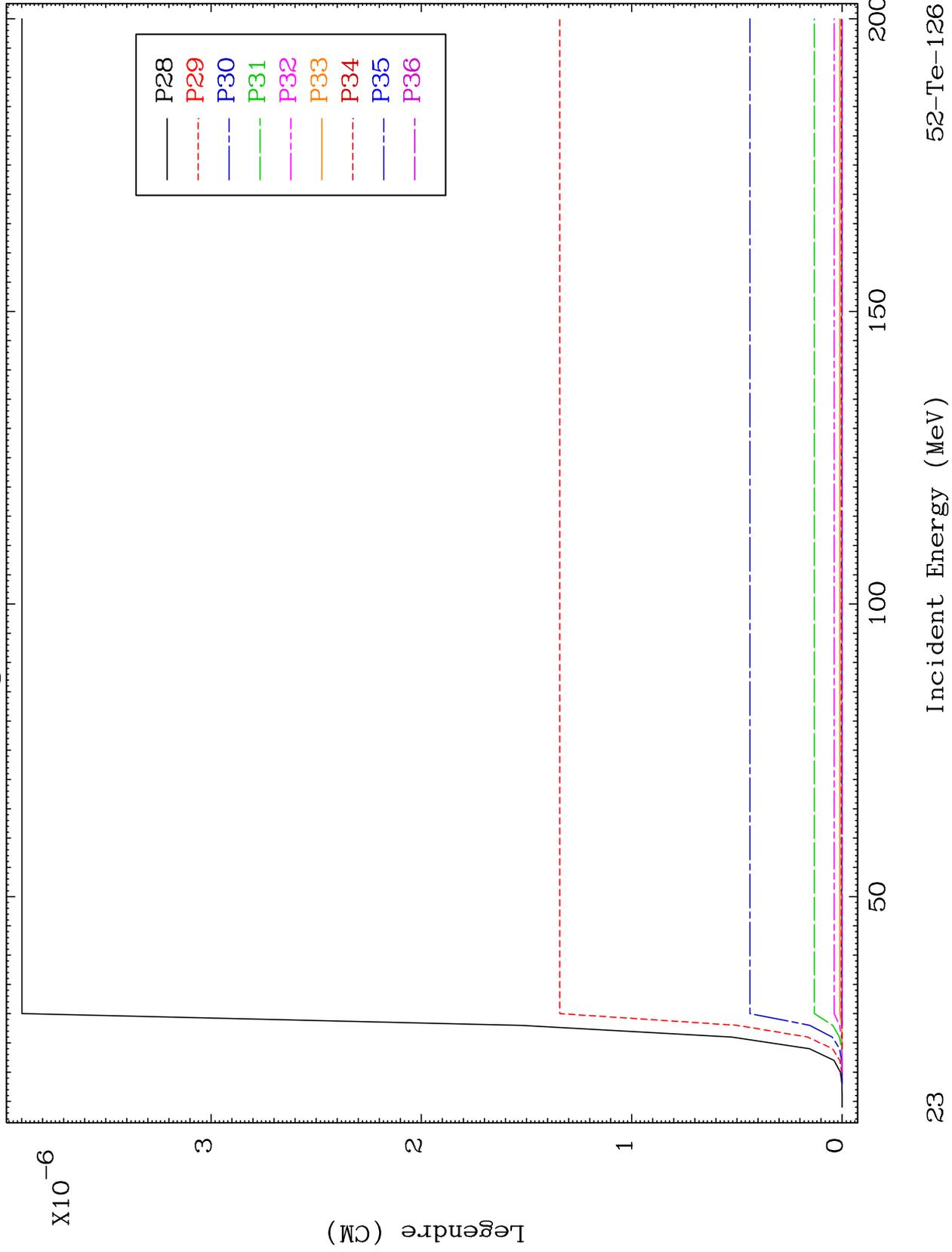
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



23

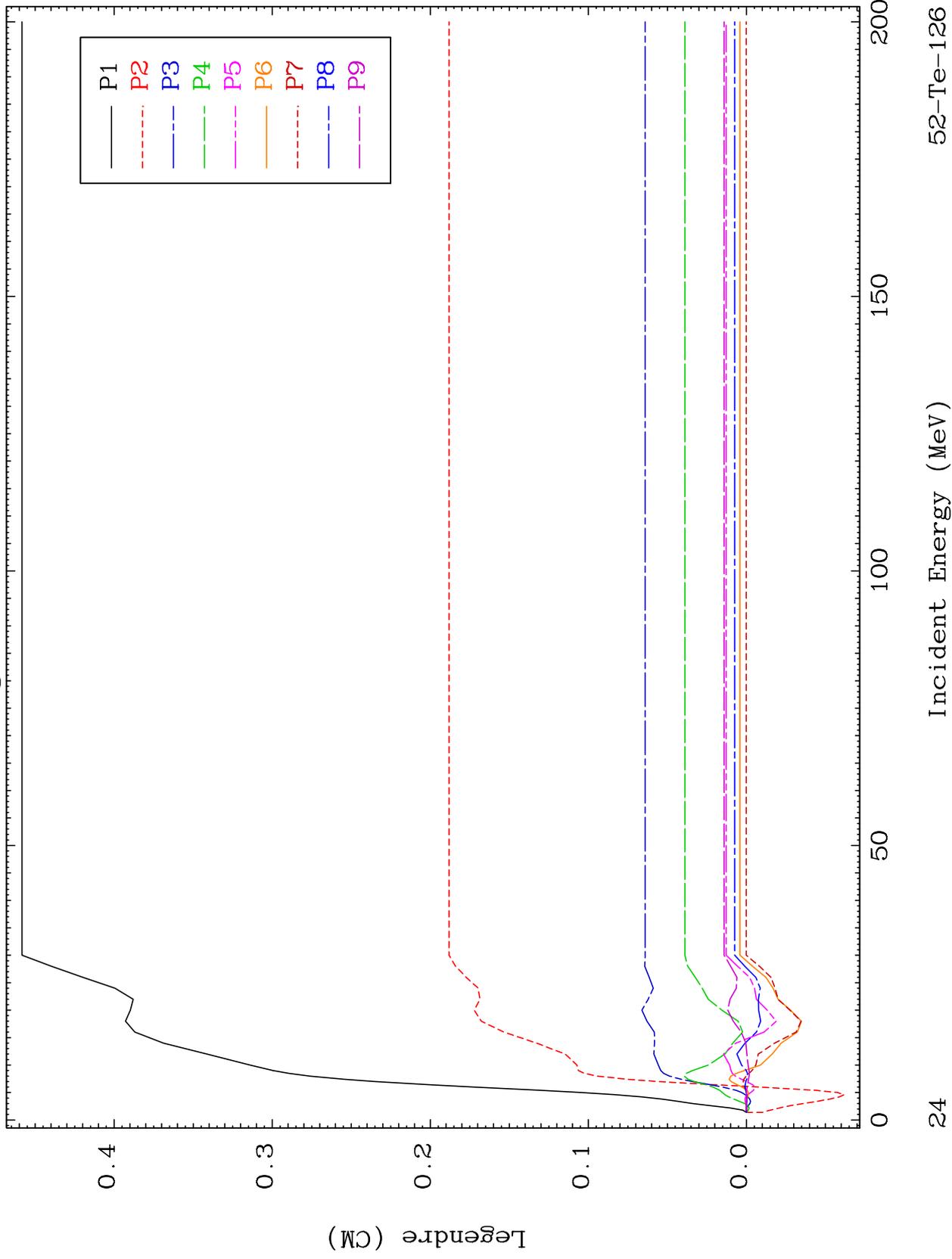
Incident Energy (MeV)

52-Te-126

MAT 5243

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Legendre Coefficients

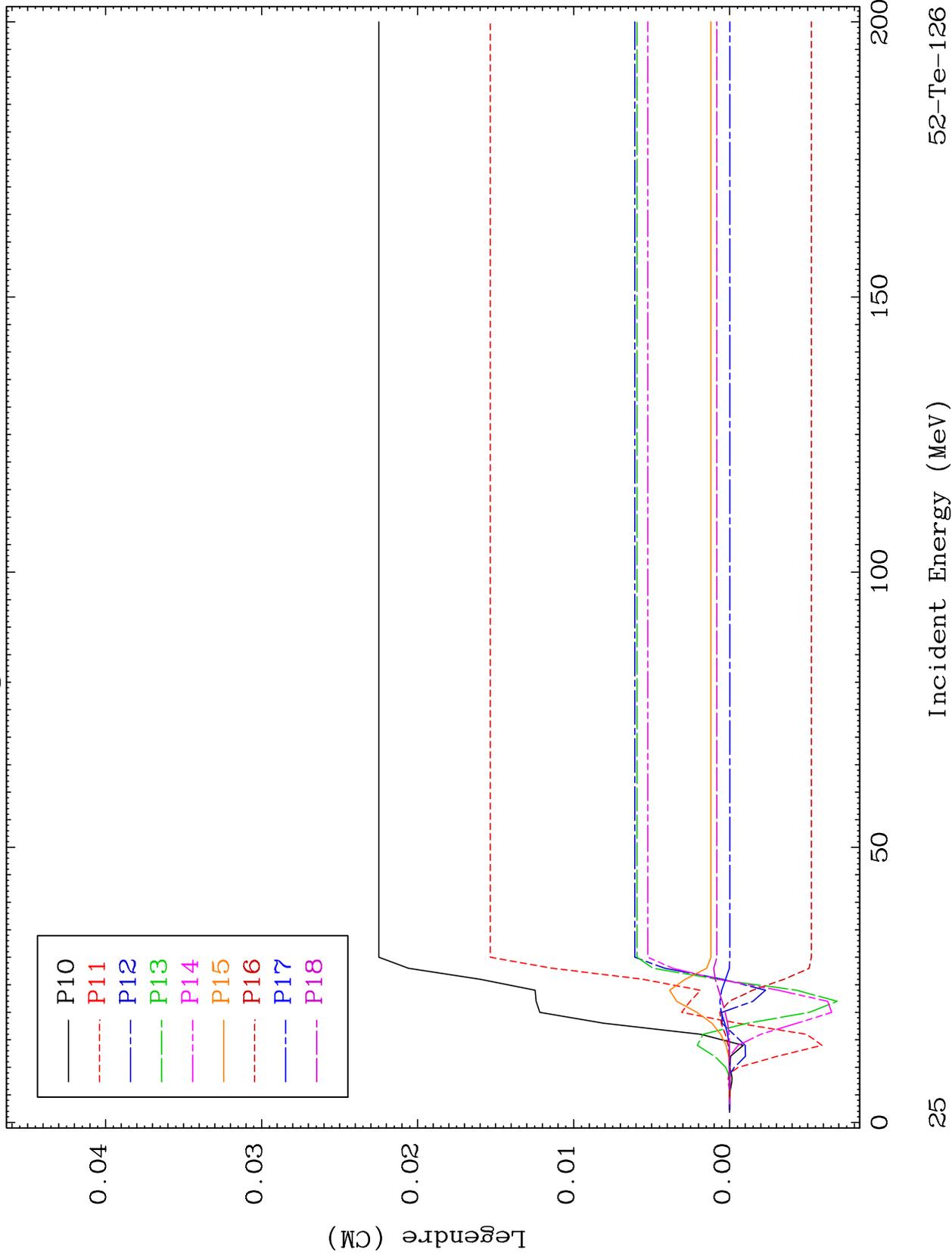
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MAT 5243

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Legendre Coefficients

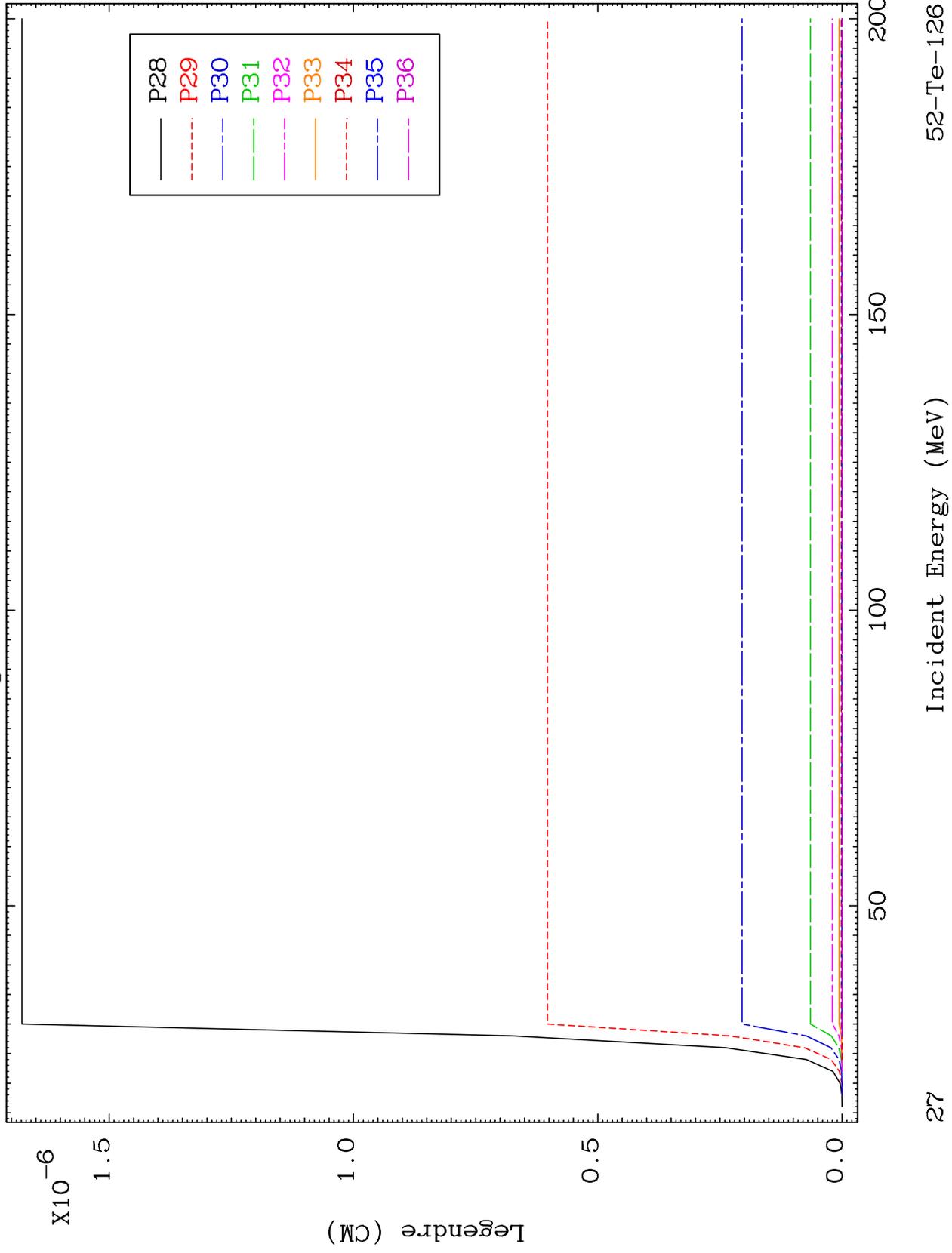
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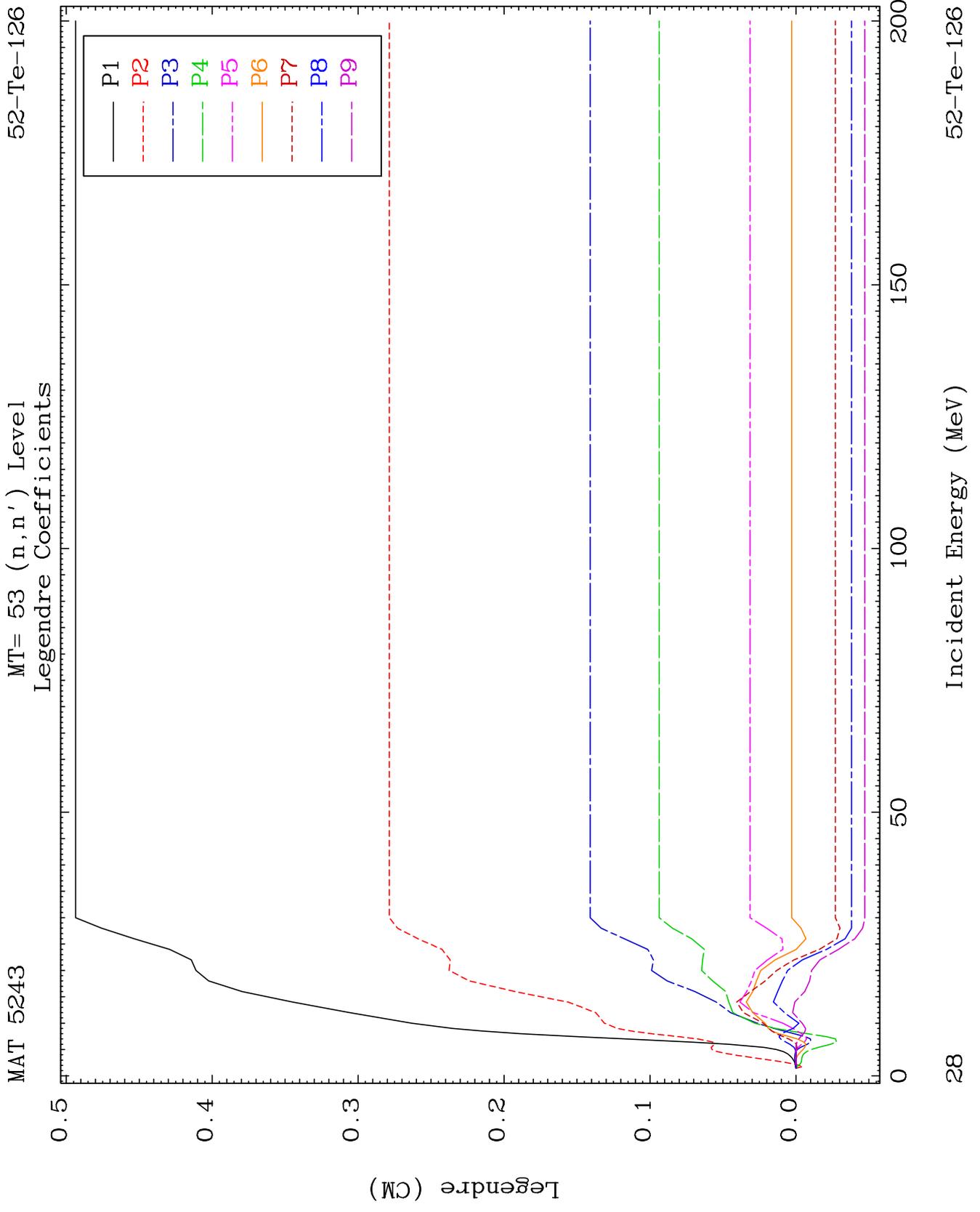


MAT 5243

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

52-Te-126

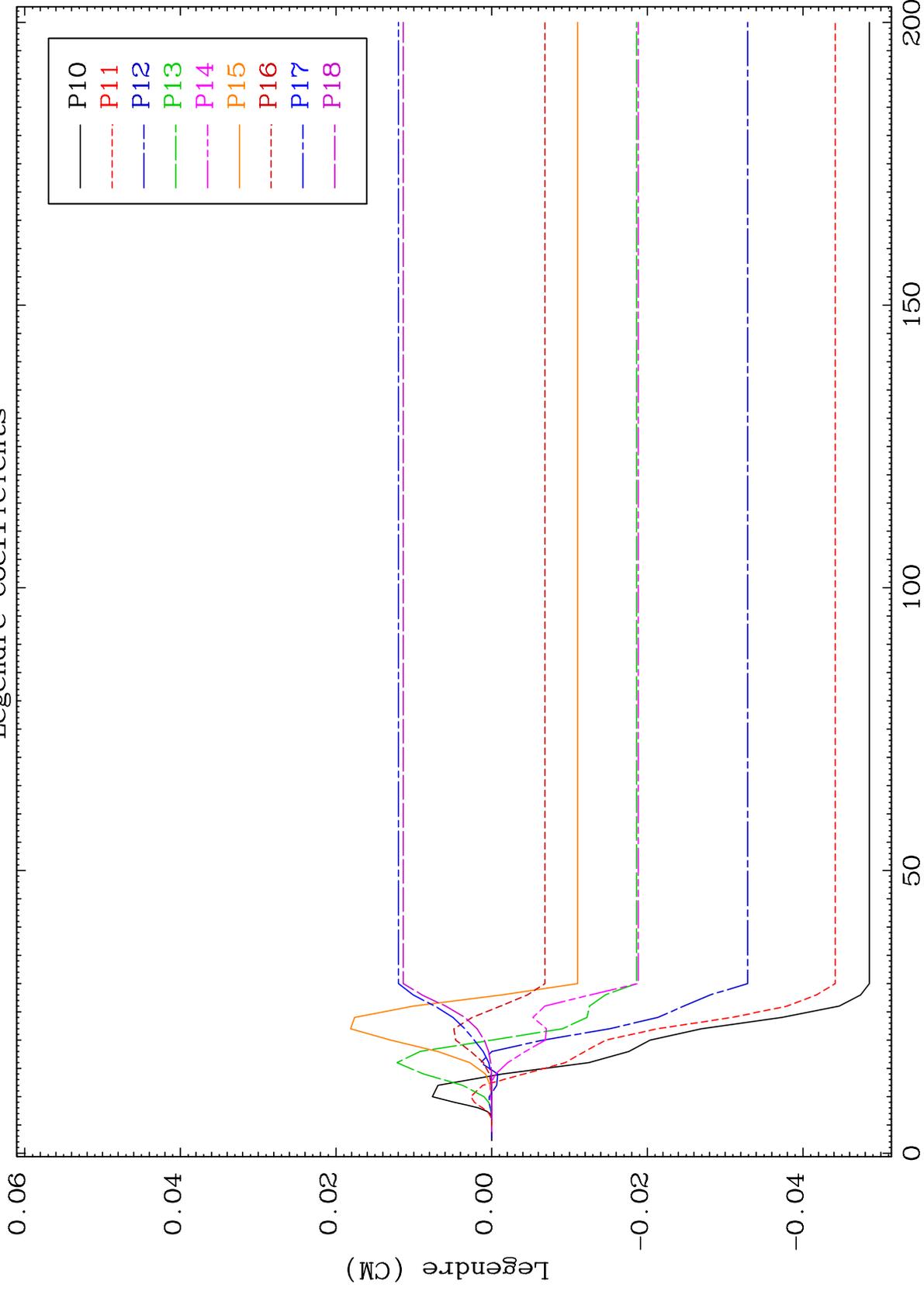




MAT 5243

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

52-Te-126



29

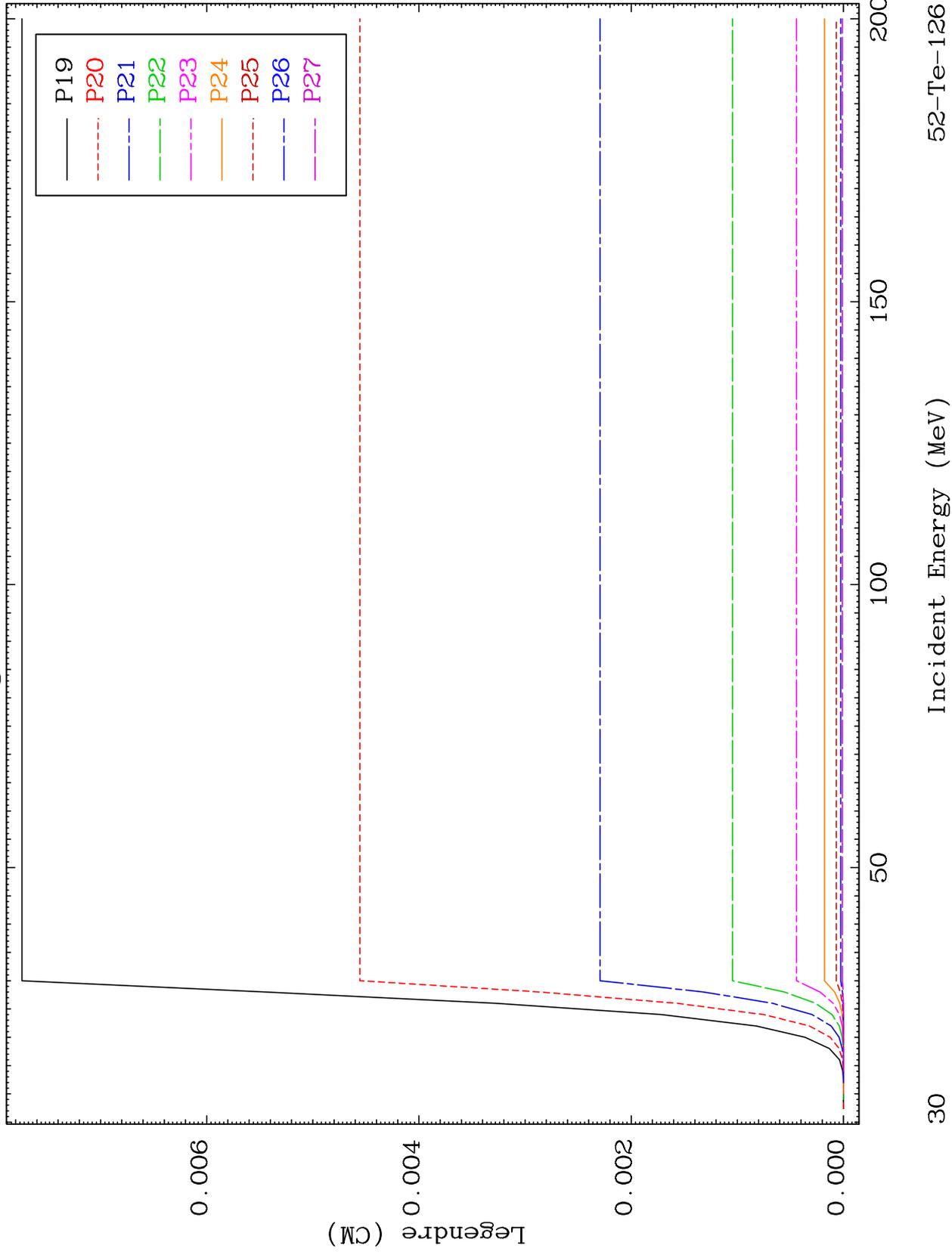
Incident Energy (MeV)

52-Te-126

MAT 5243

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

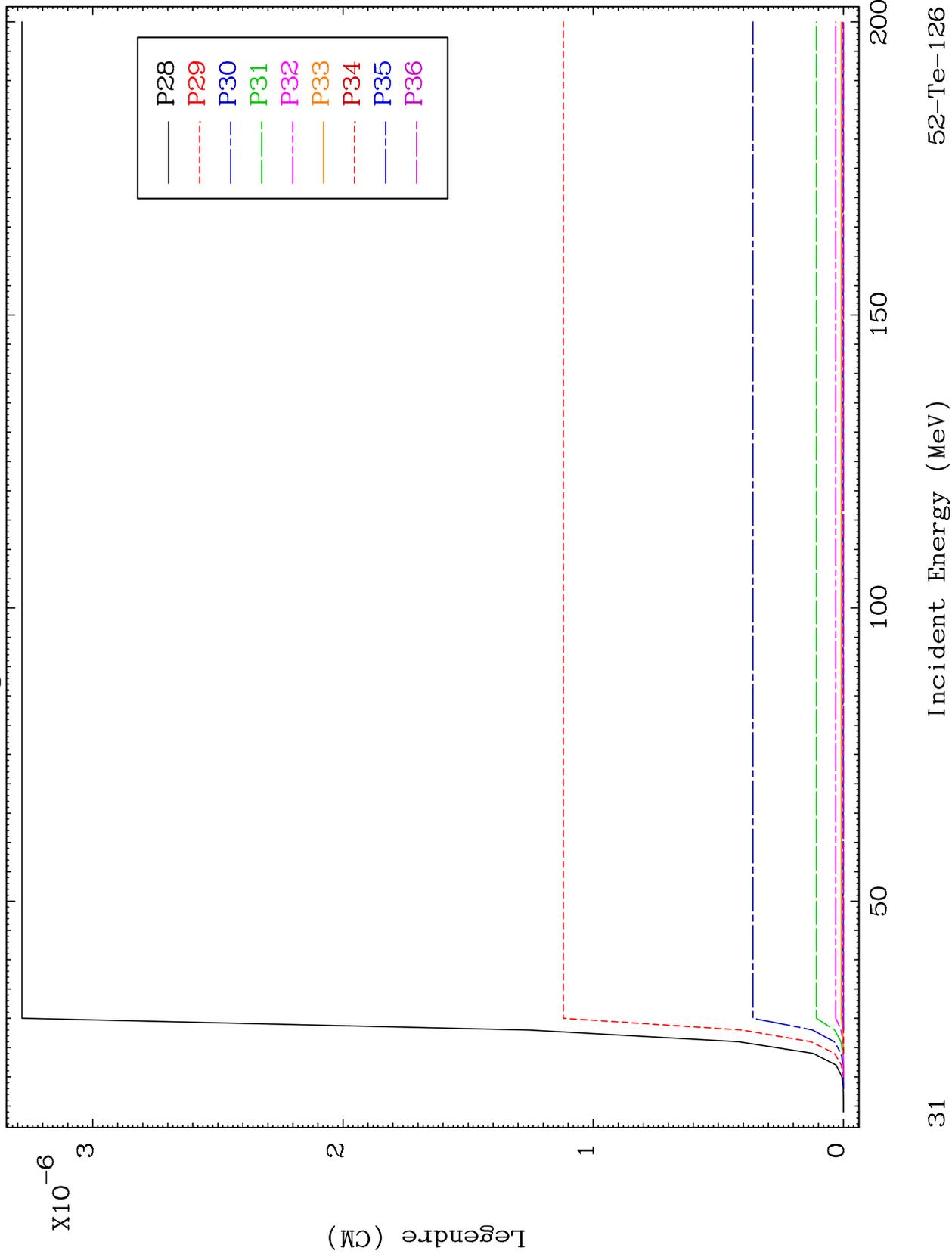
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MAT 5243

MT= 53 (n,n') Level
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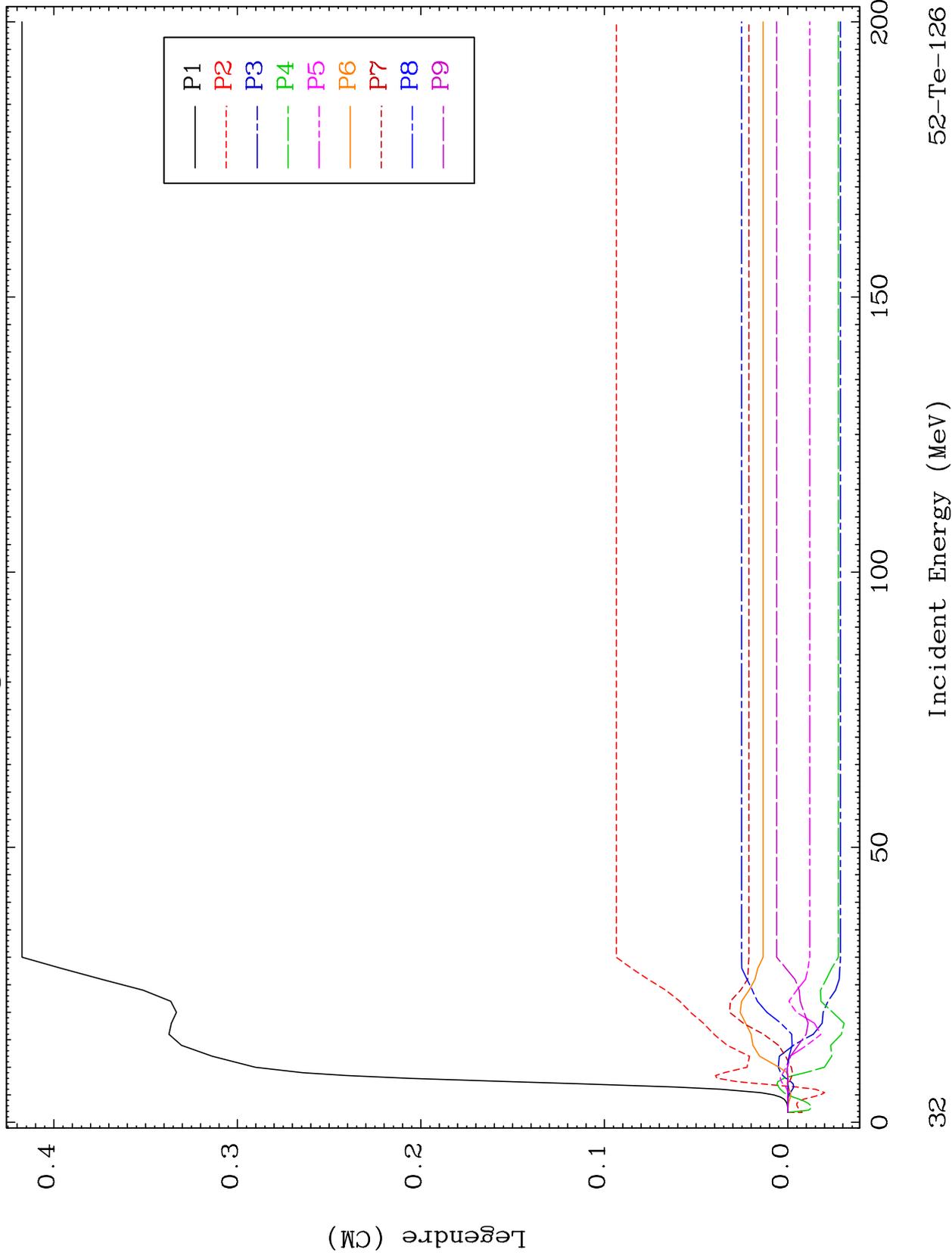
52-Te-126



MAT 5243

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

52-Te-126



52-Te-126

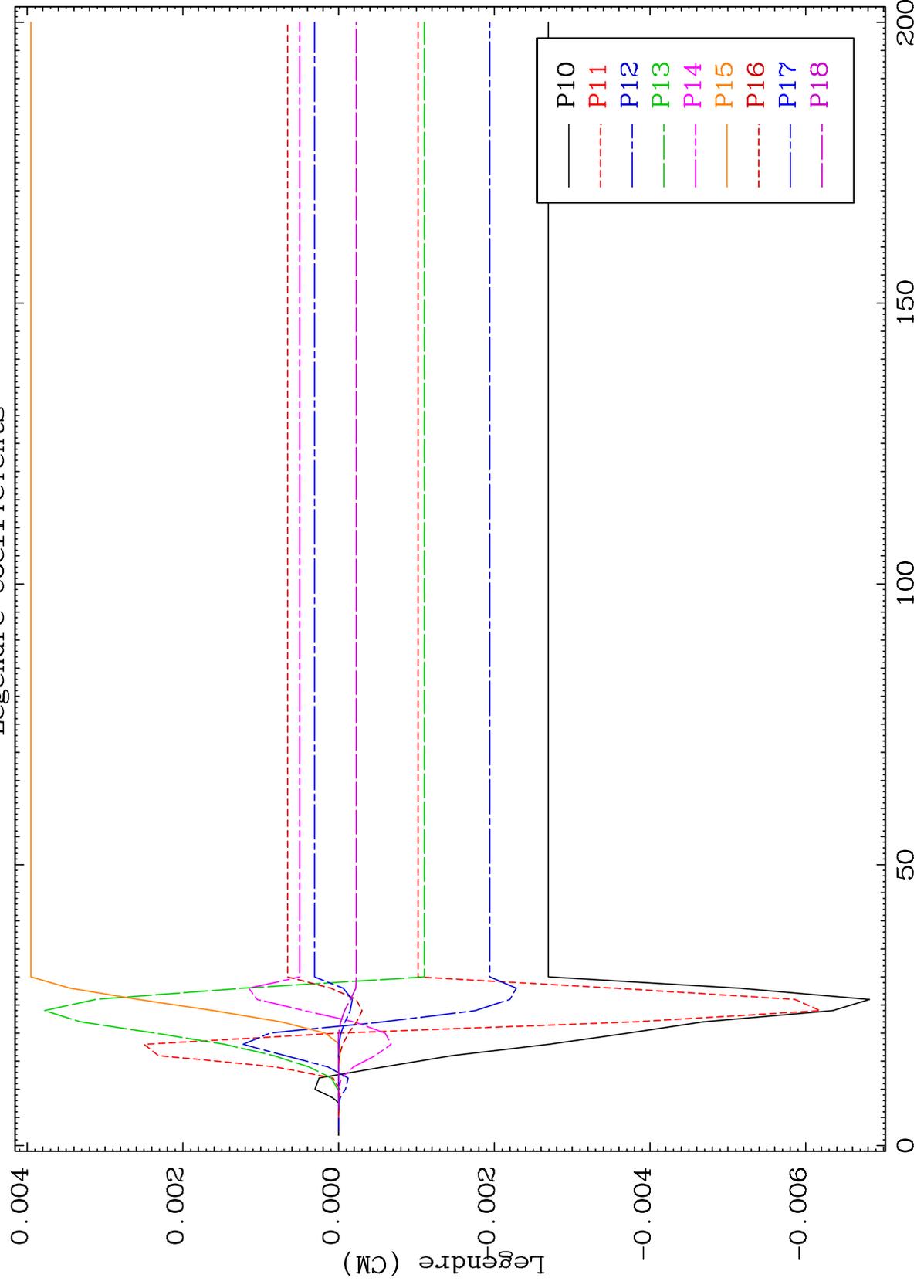
Incident Energy (MeV)

32

MAT 5243

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

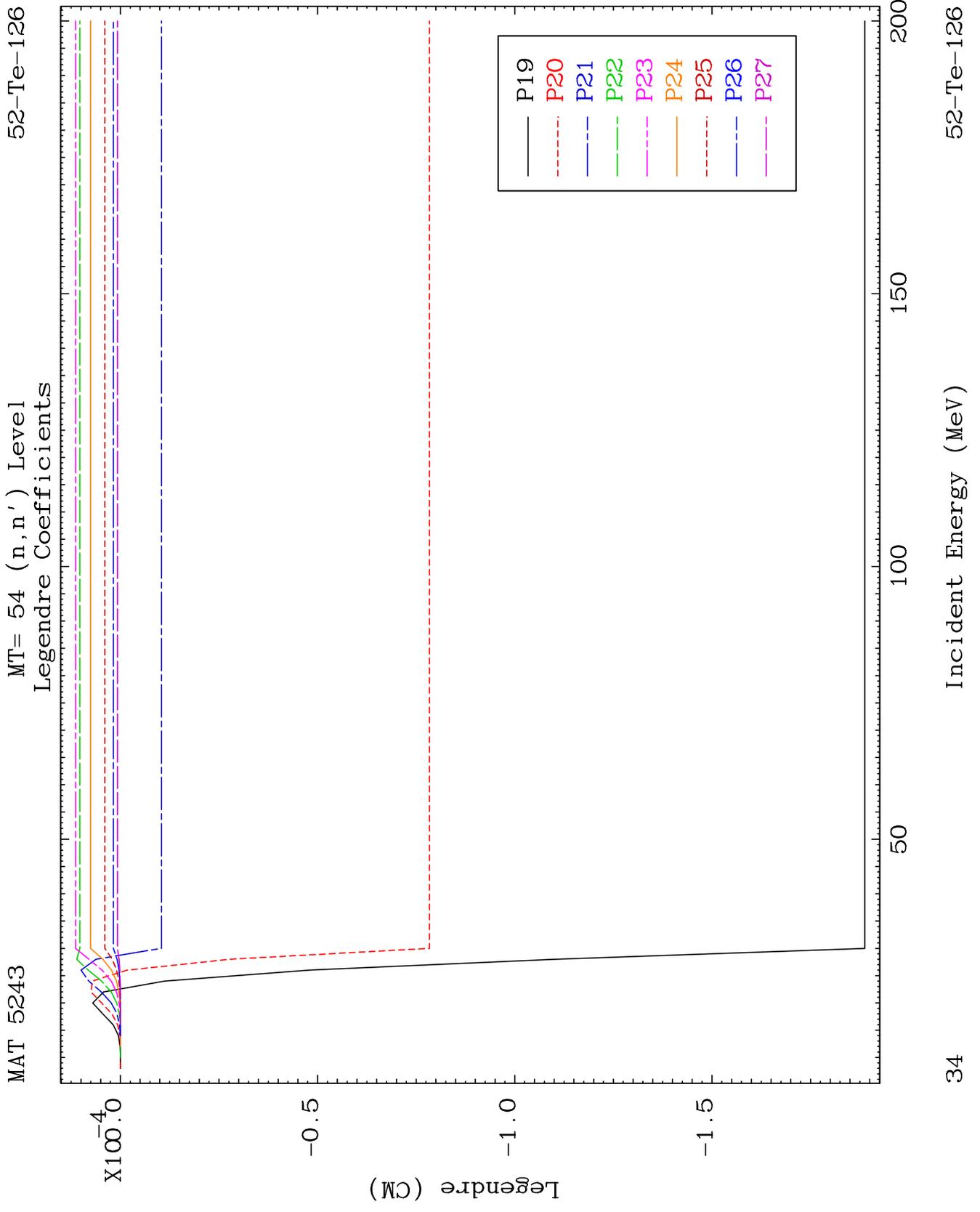
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33

Incident Energy (MeV)

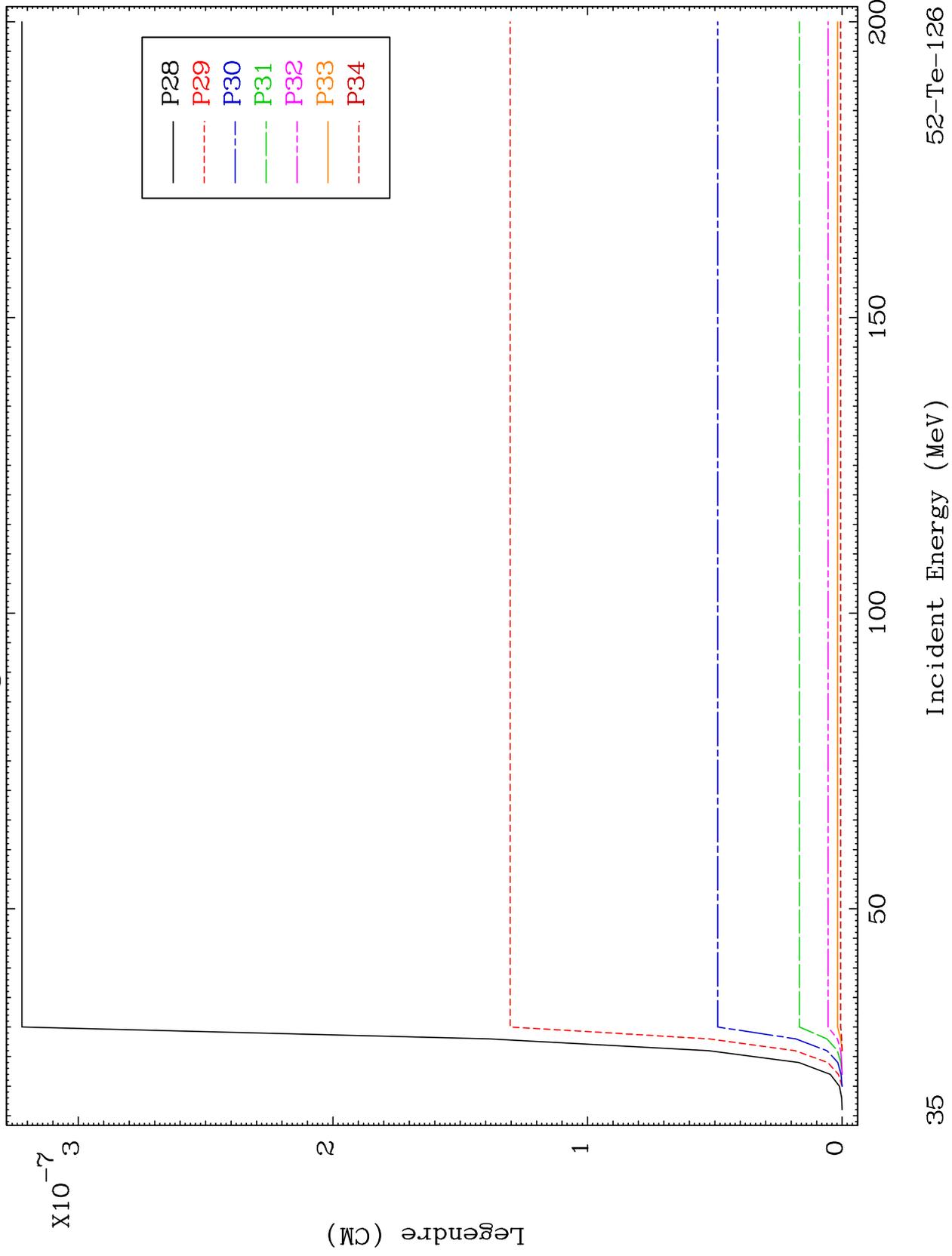
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MAT 5243

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

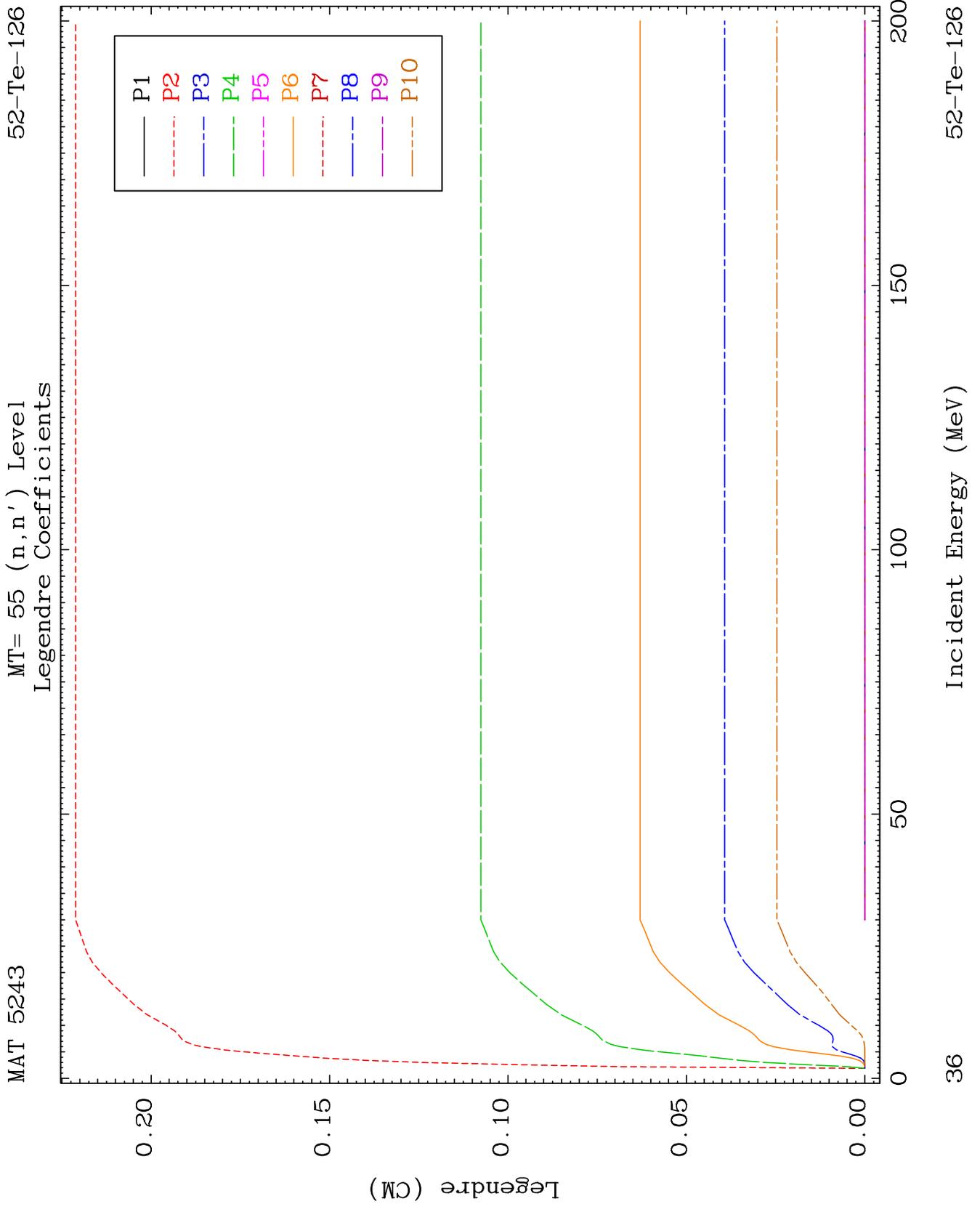
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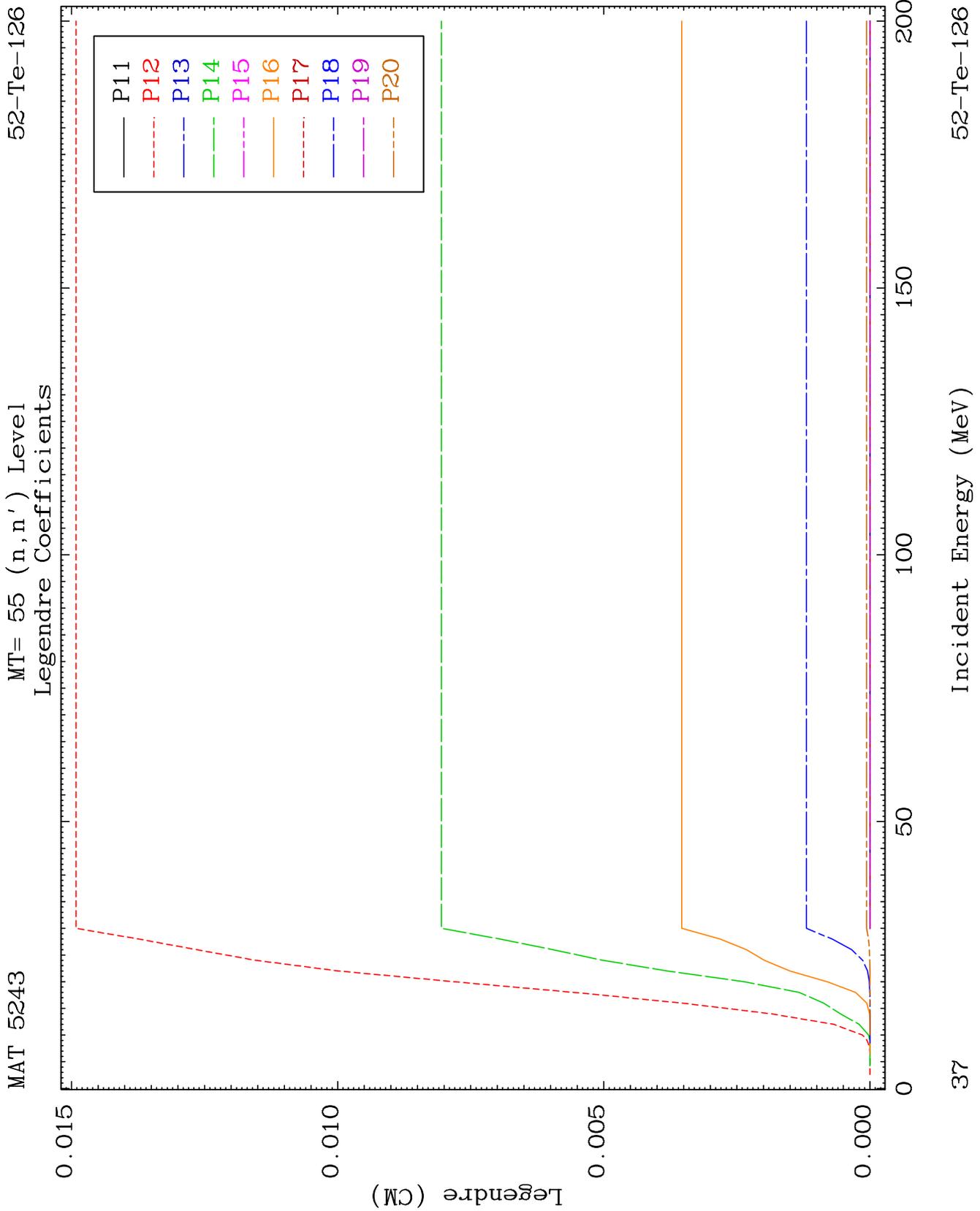


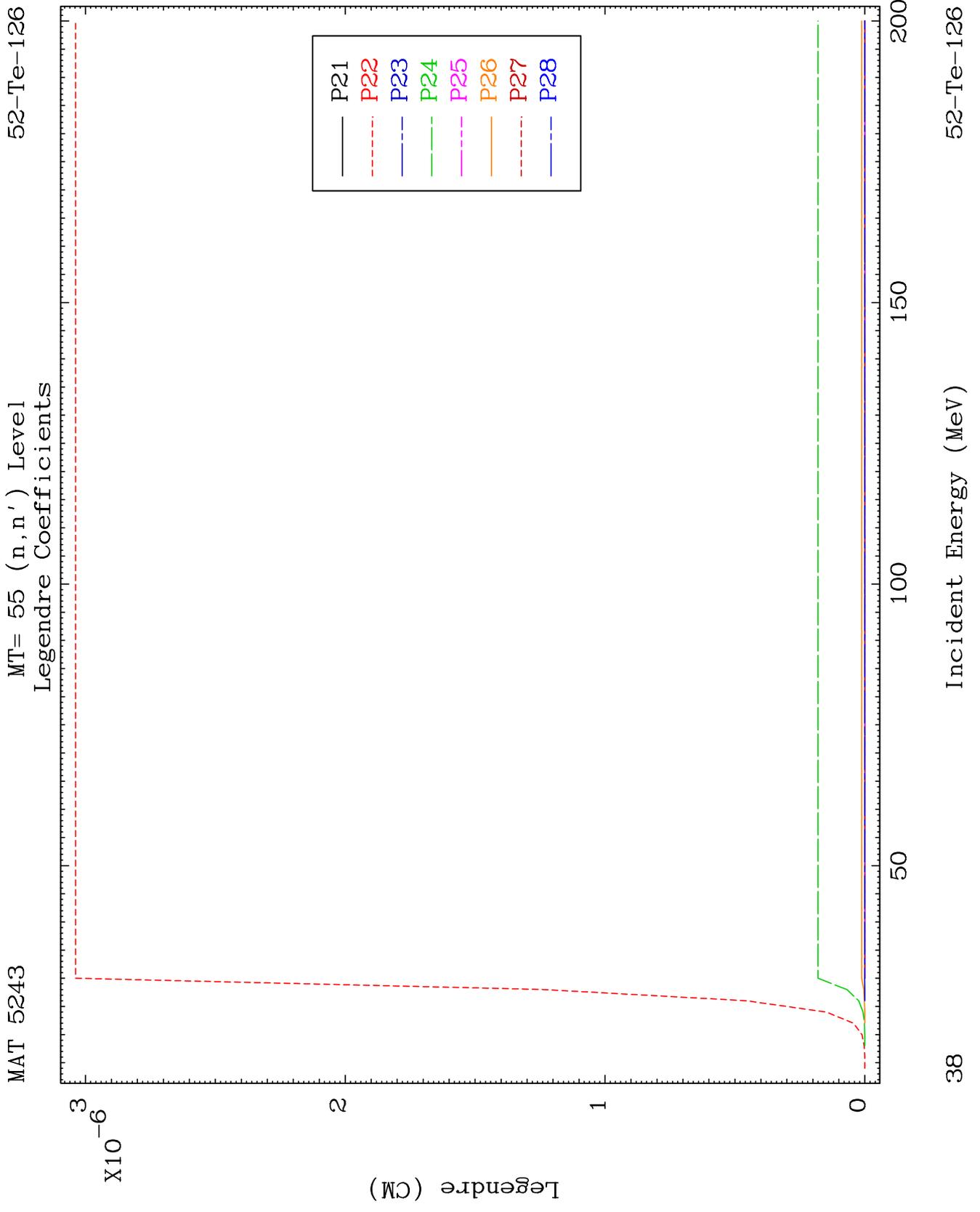
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Incident Energy (MeV)

52-Te-126



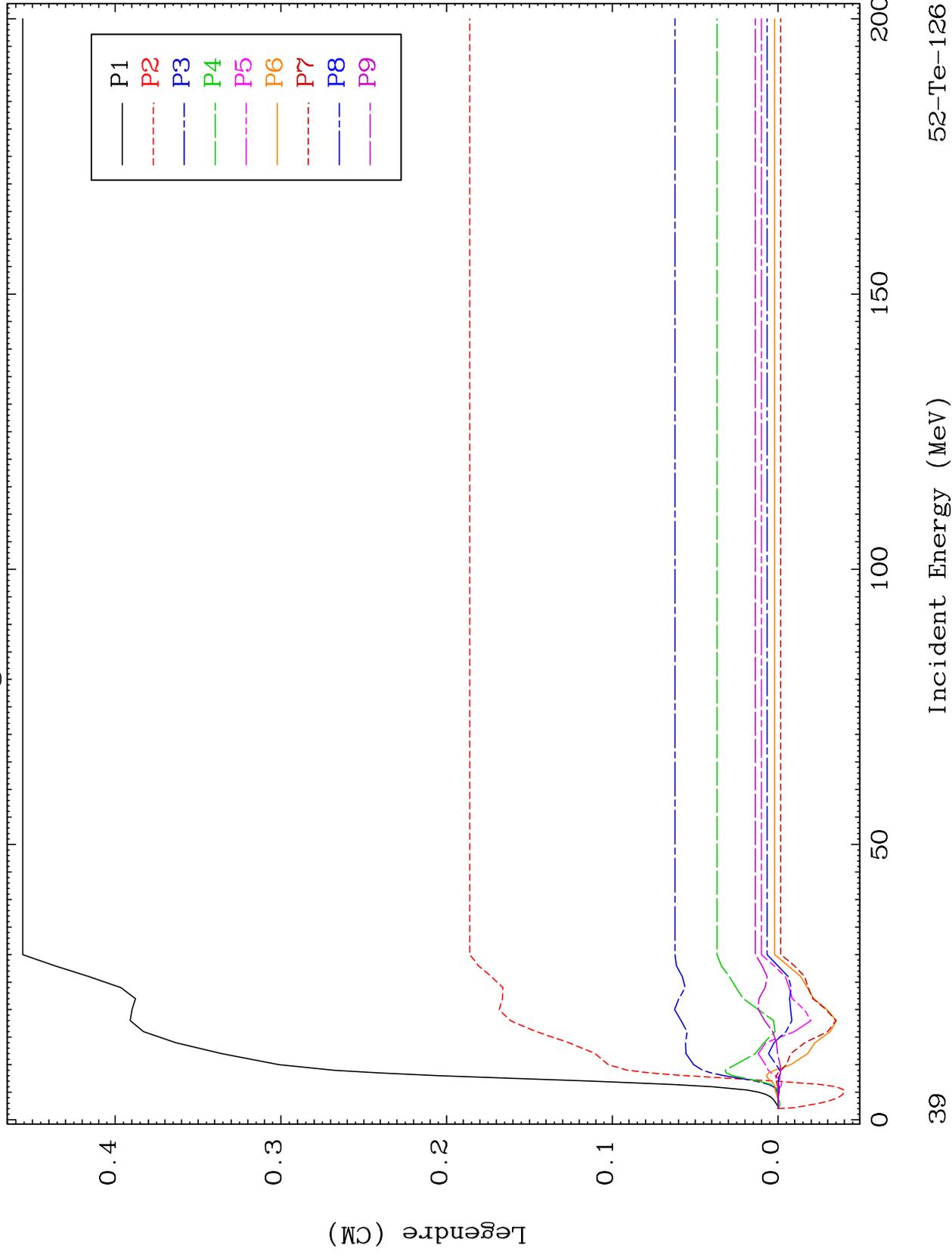




MAT 5243

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

52-Te-126



52-Te-126

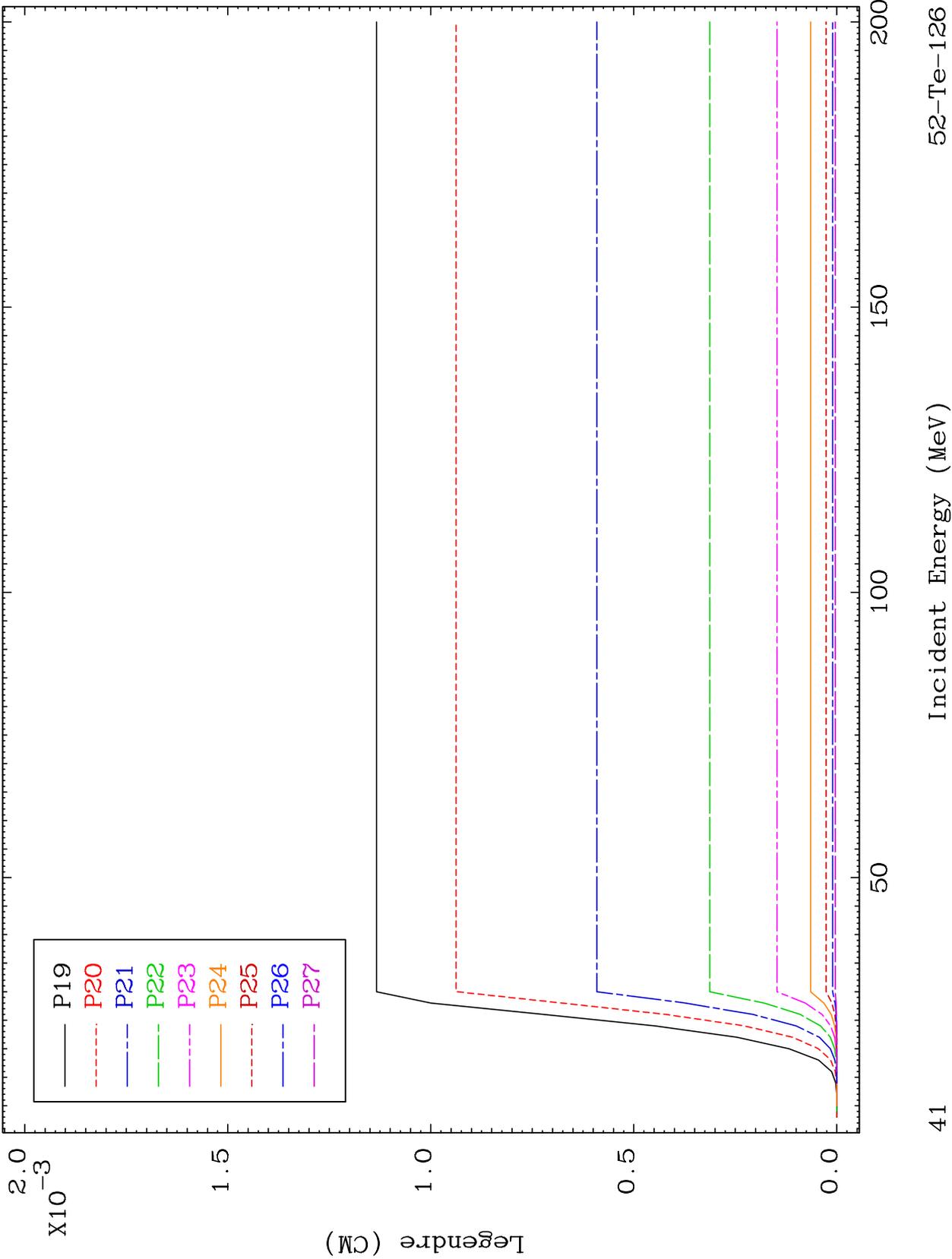
Incident Energy (MeV)

39

MAT 5243

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

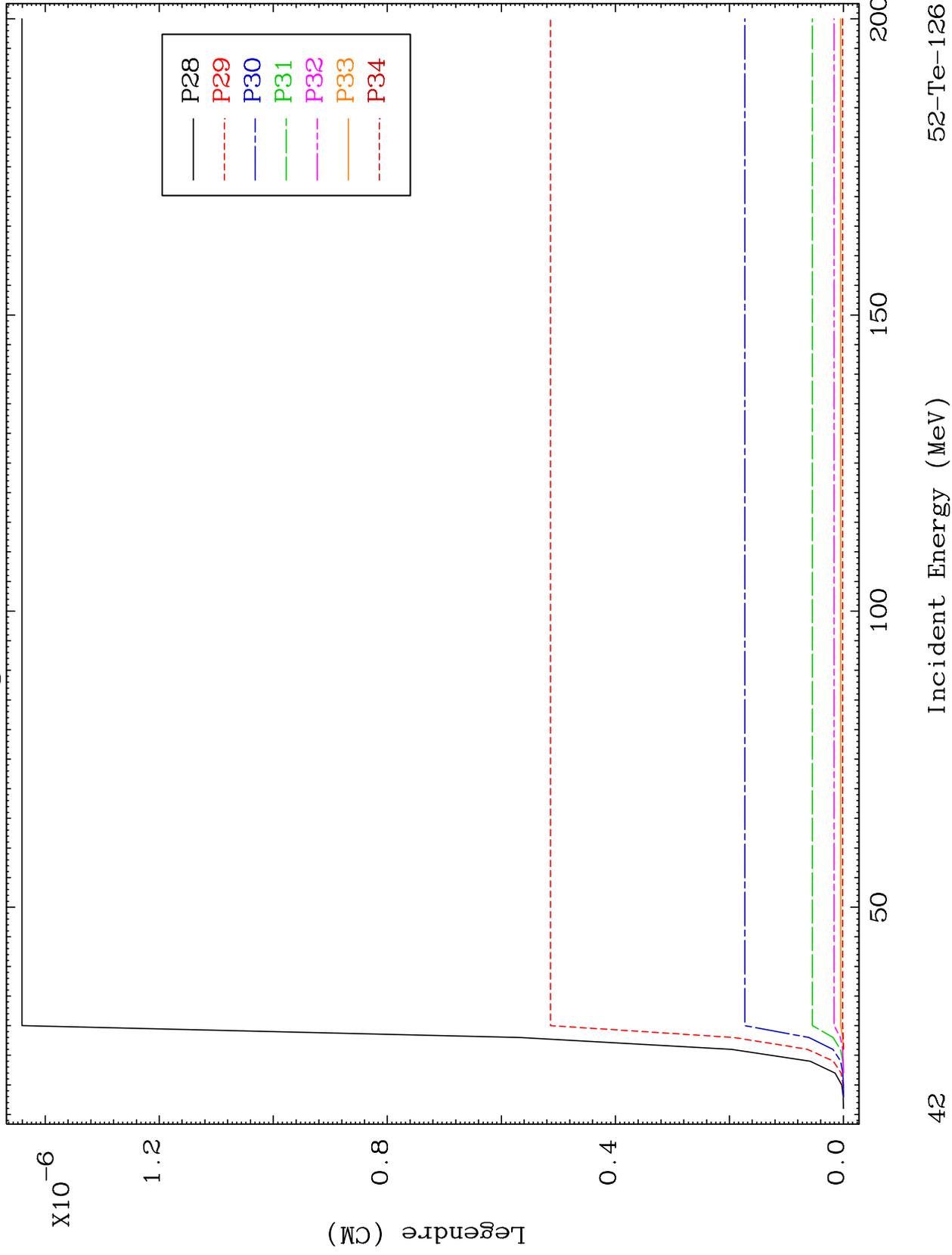
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MAT 5243

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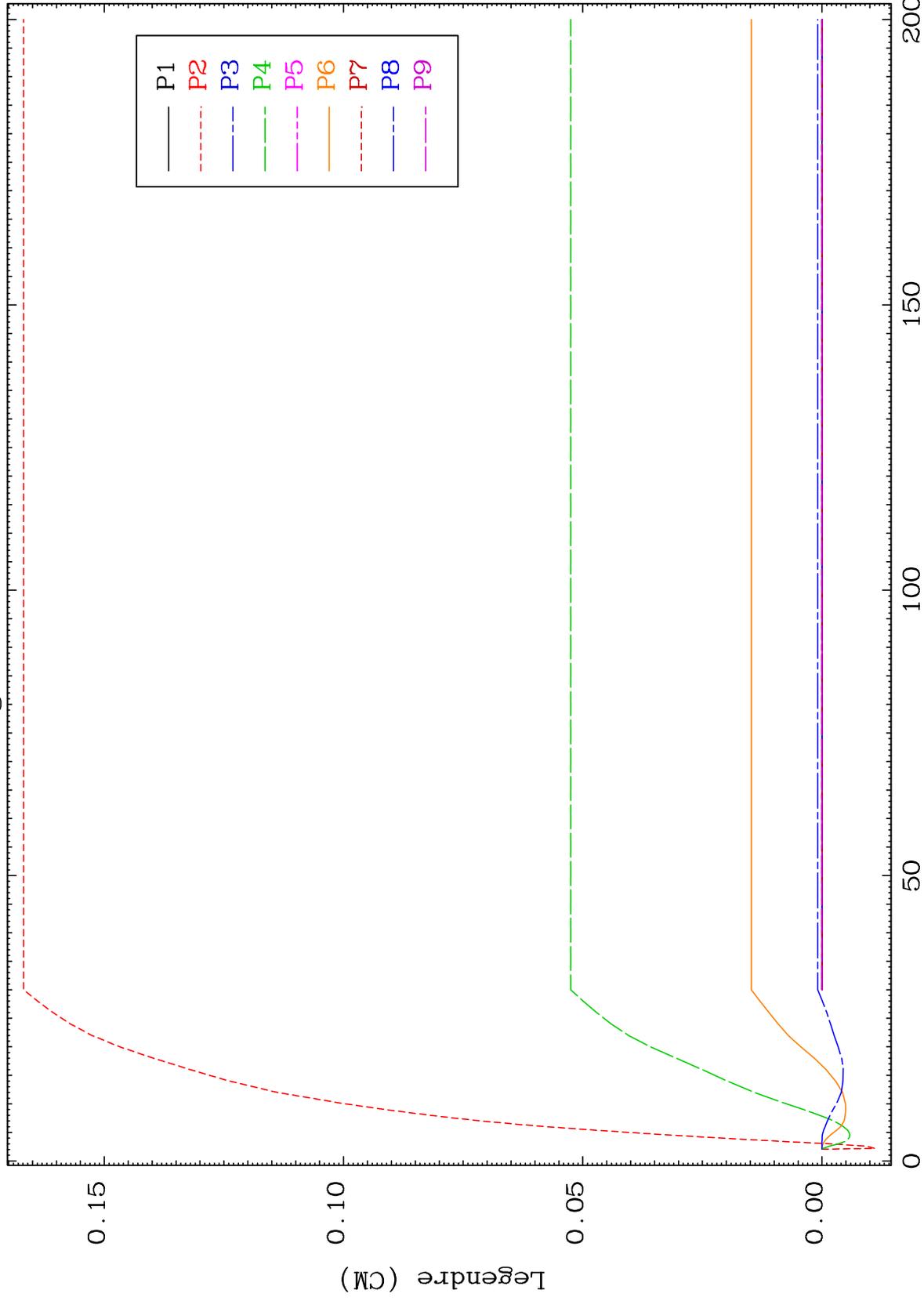
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Legendre Coefficients

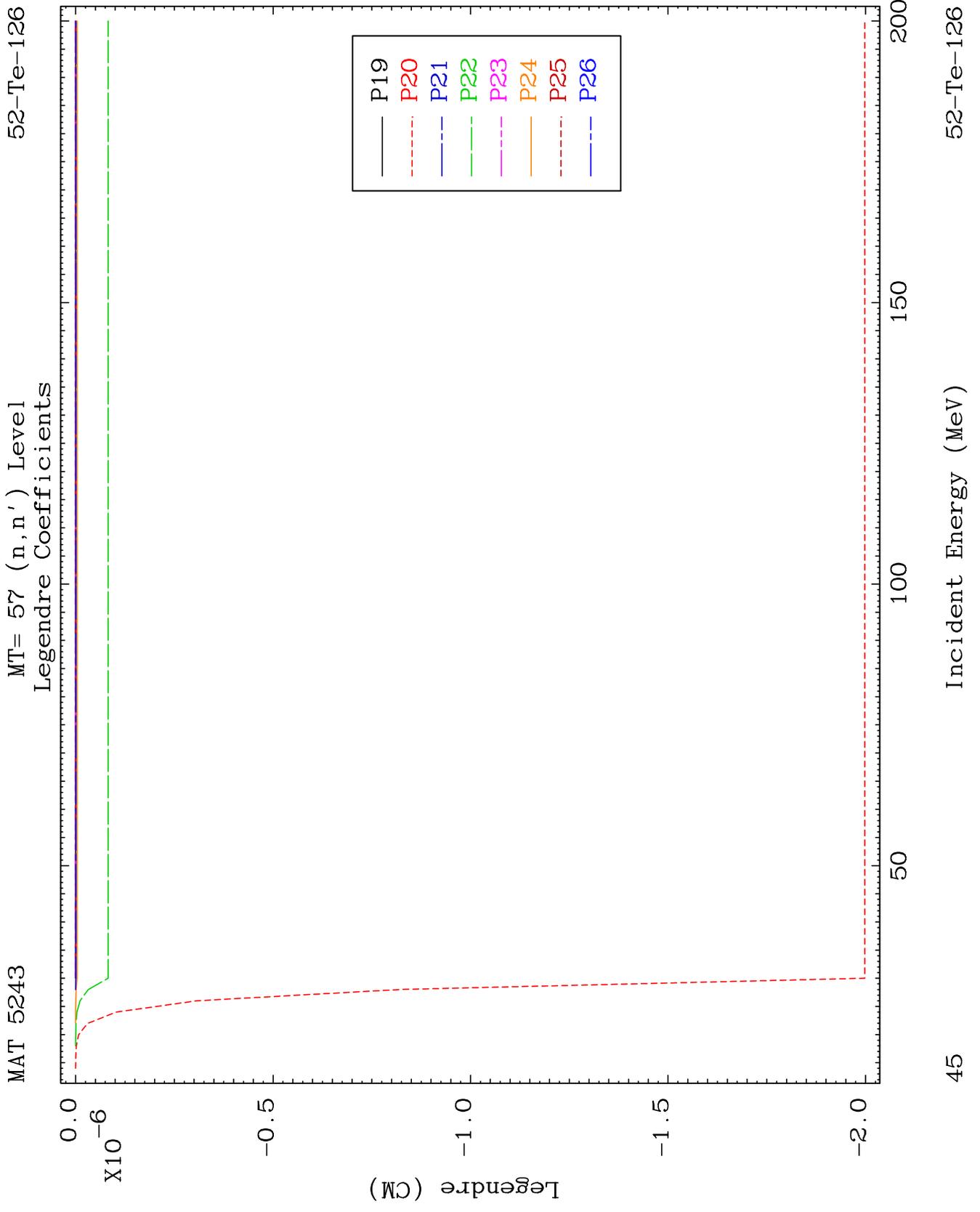
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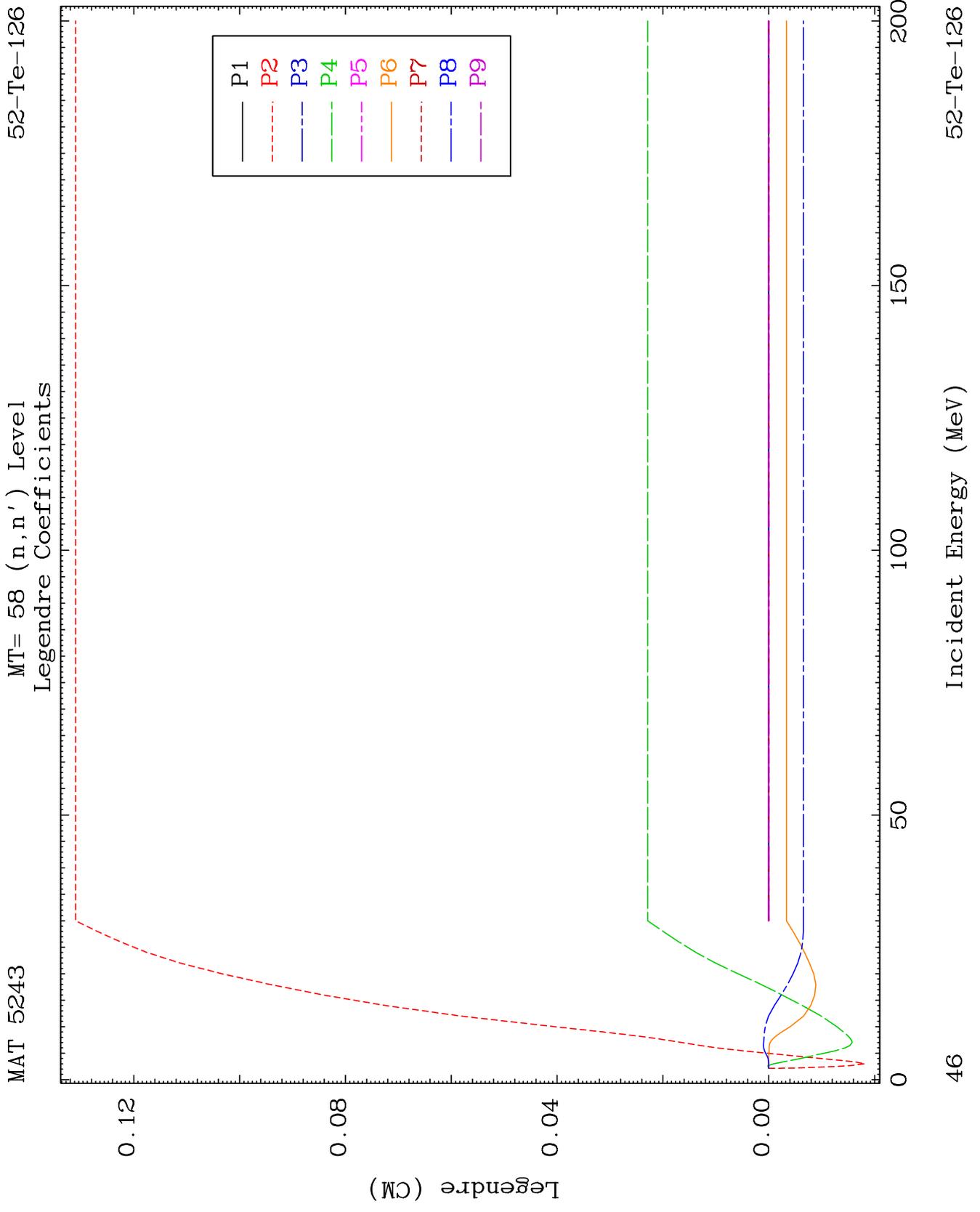


43

Incident Energy (MeV)

52-Te-126

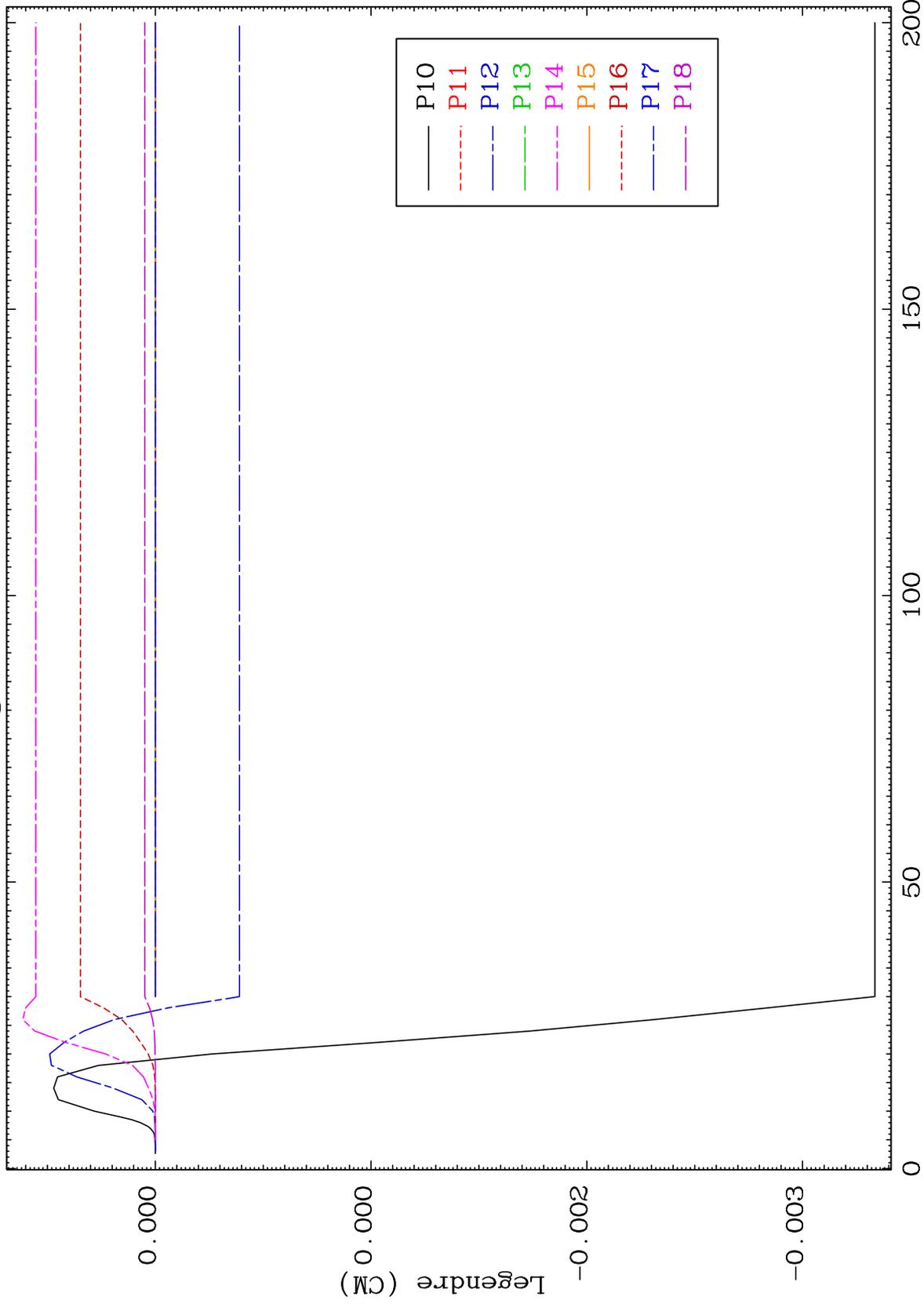




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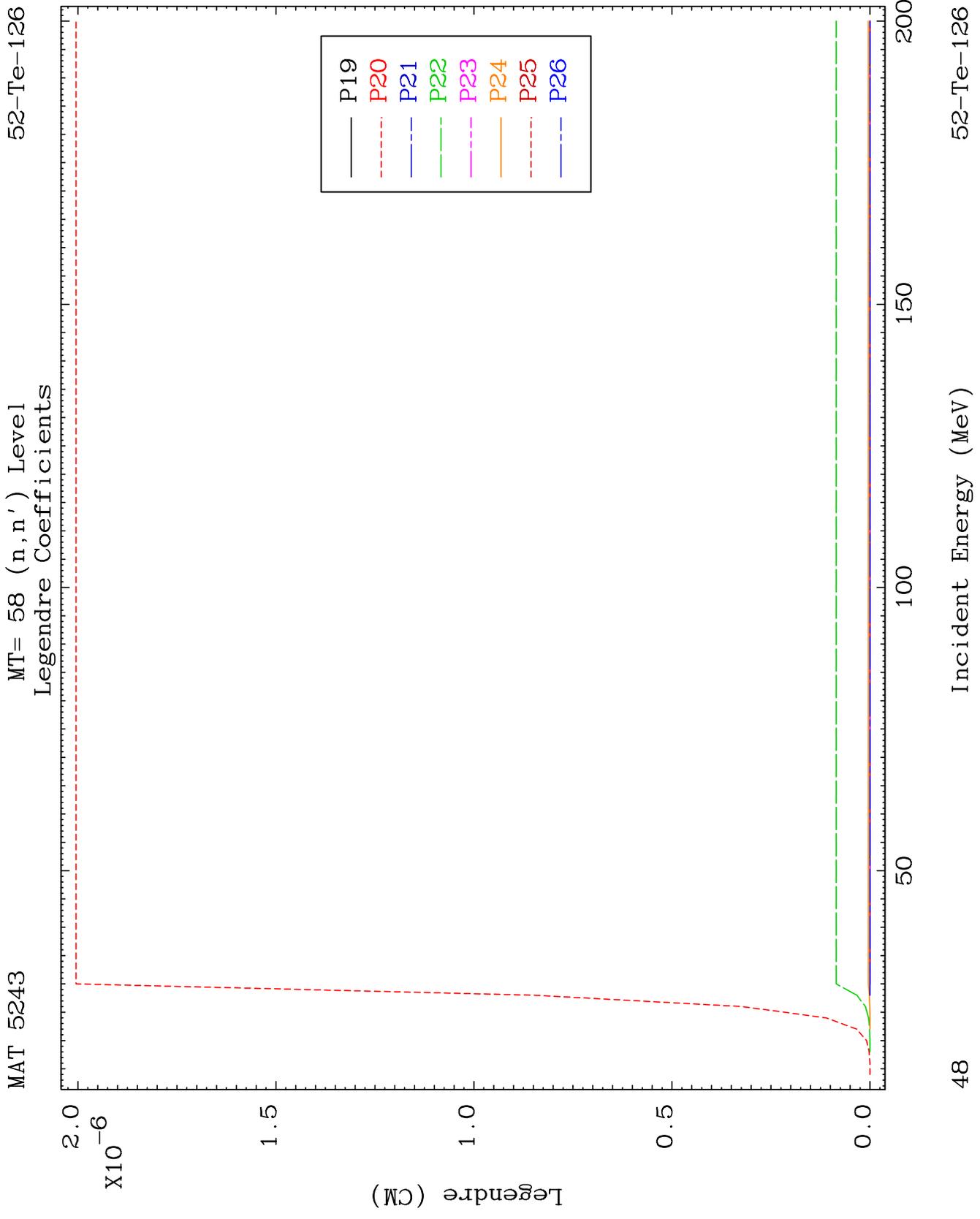
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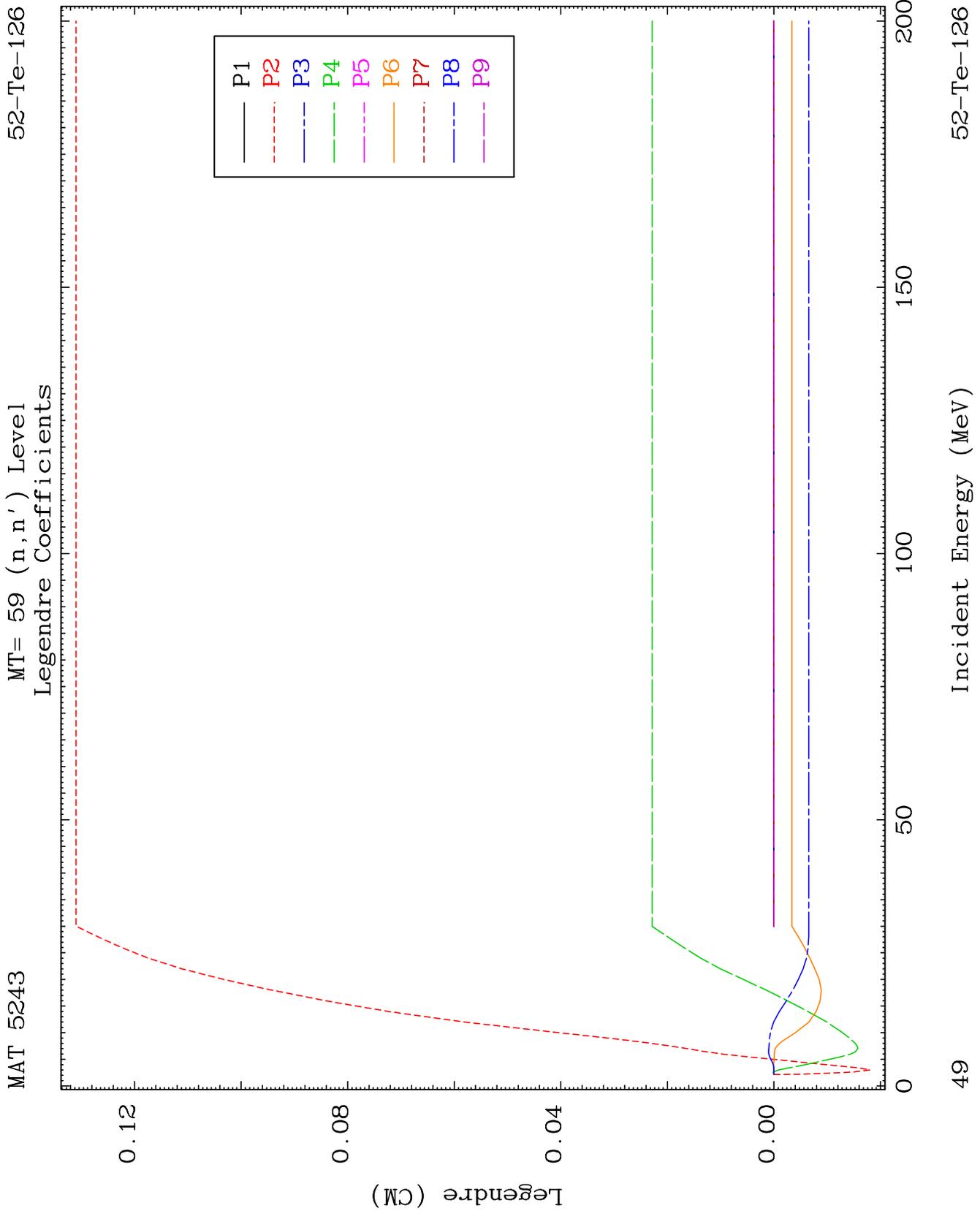


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Incident Energy (MeV)

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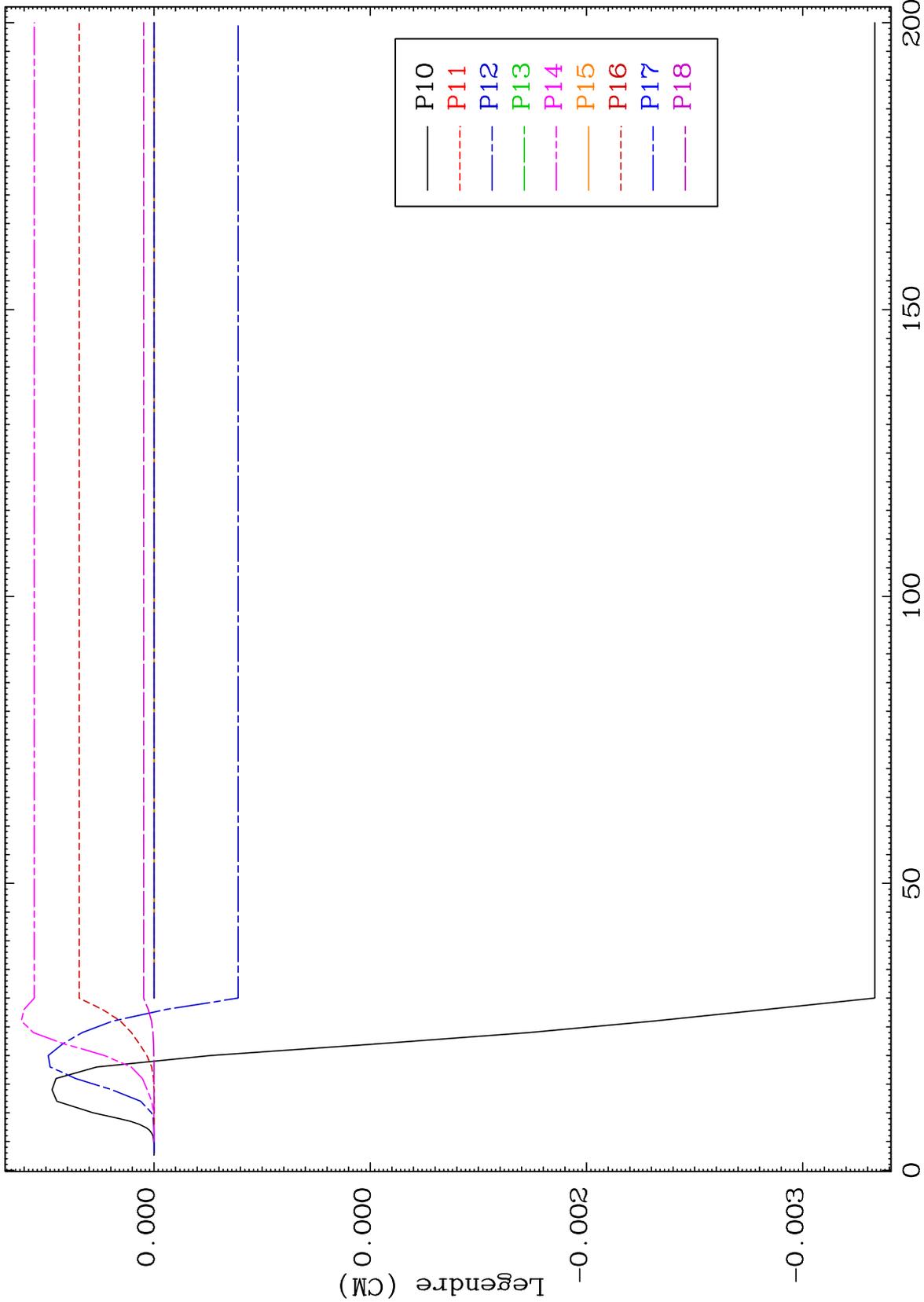




MAT 5243

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Legendre Coefficients

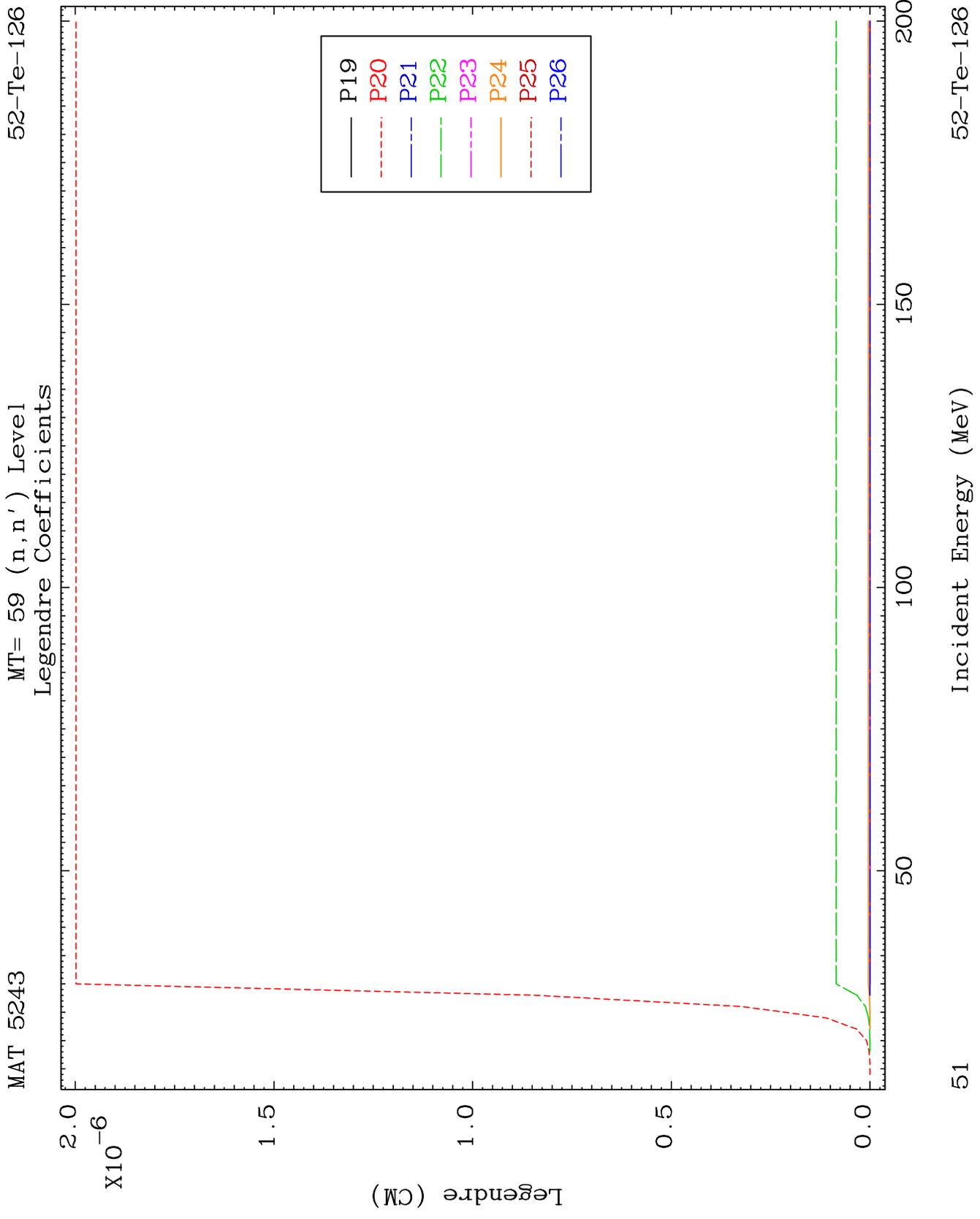
52-Te-126



52-Te-126

Incident Energy (MeV)

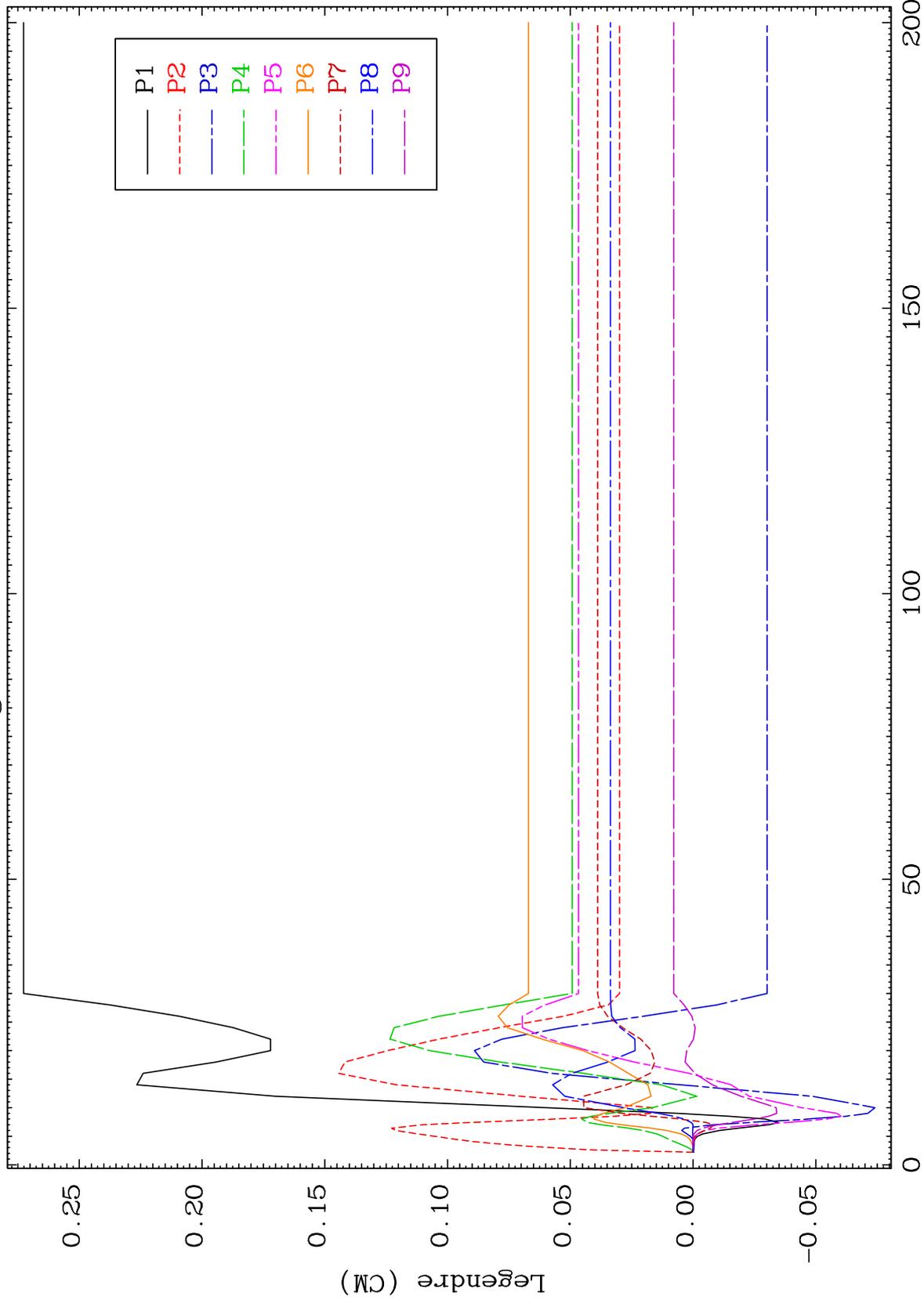
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MAT 5243

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

52-Te-126



52

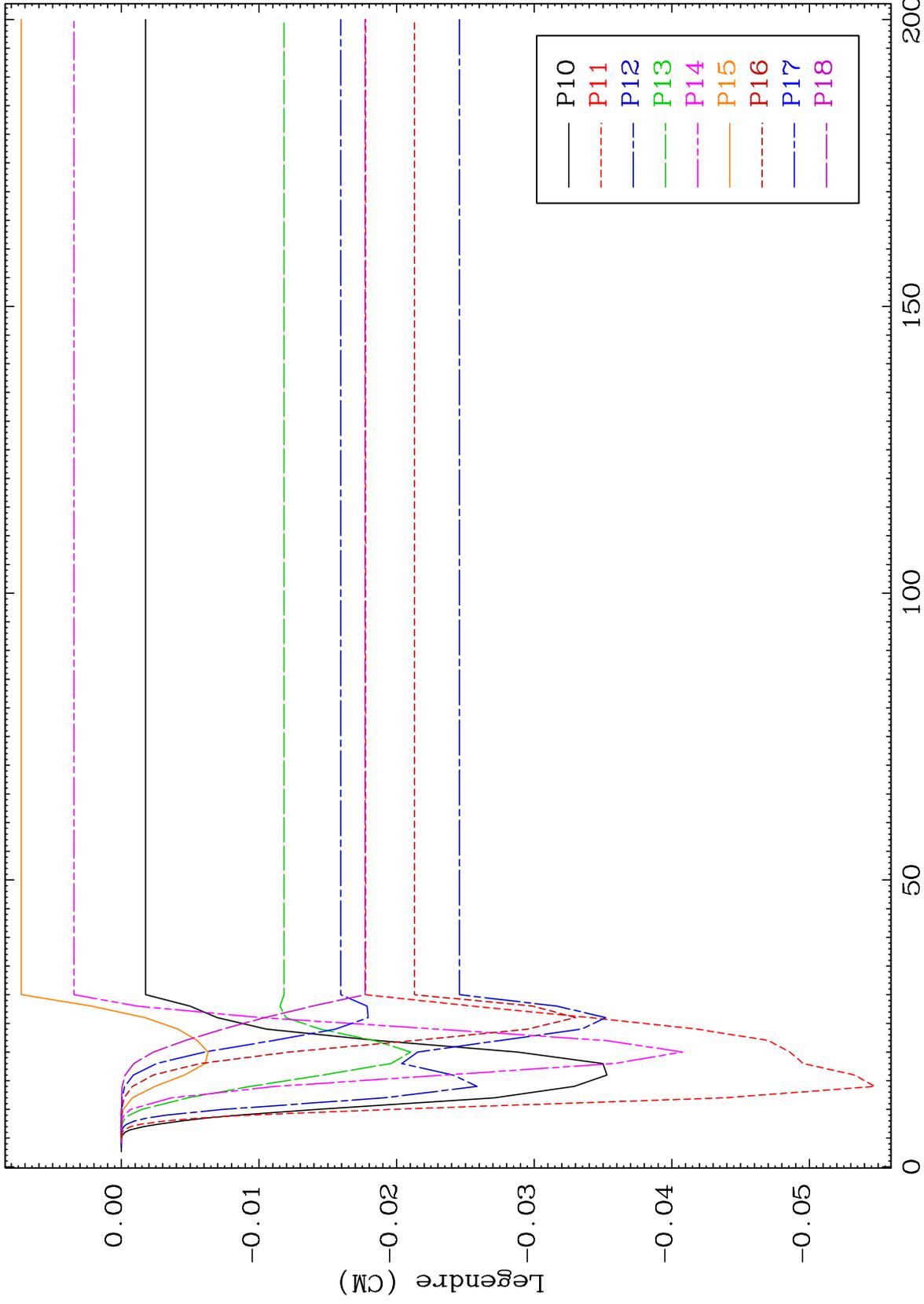
Incident Energy (MeV)

52-Te-126

MAT 5243

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

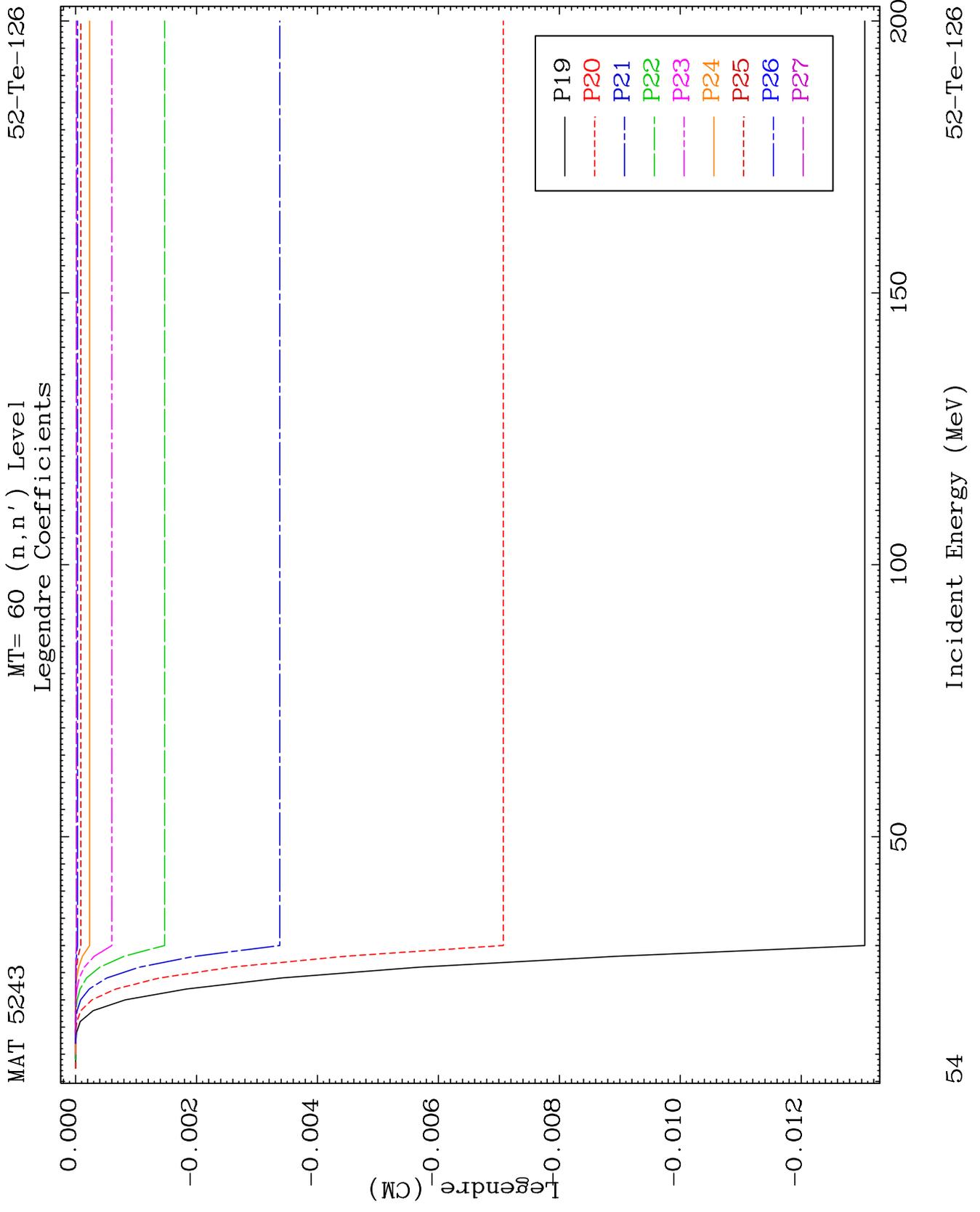
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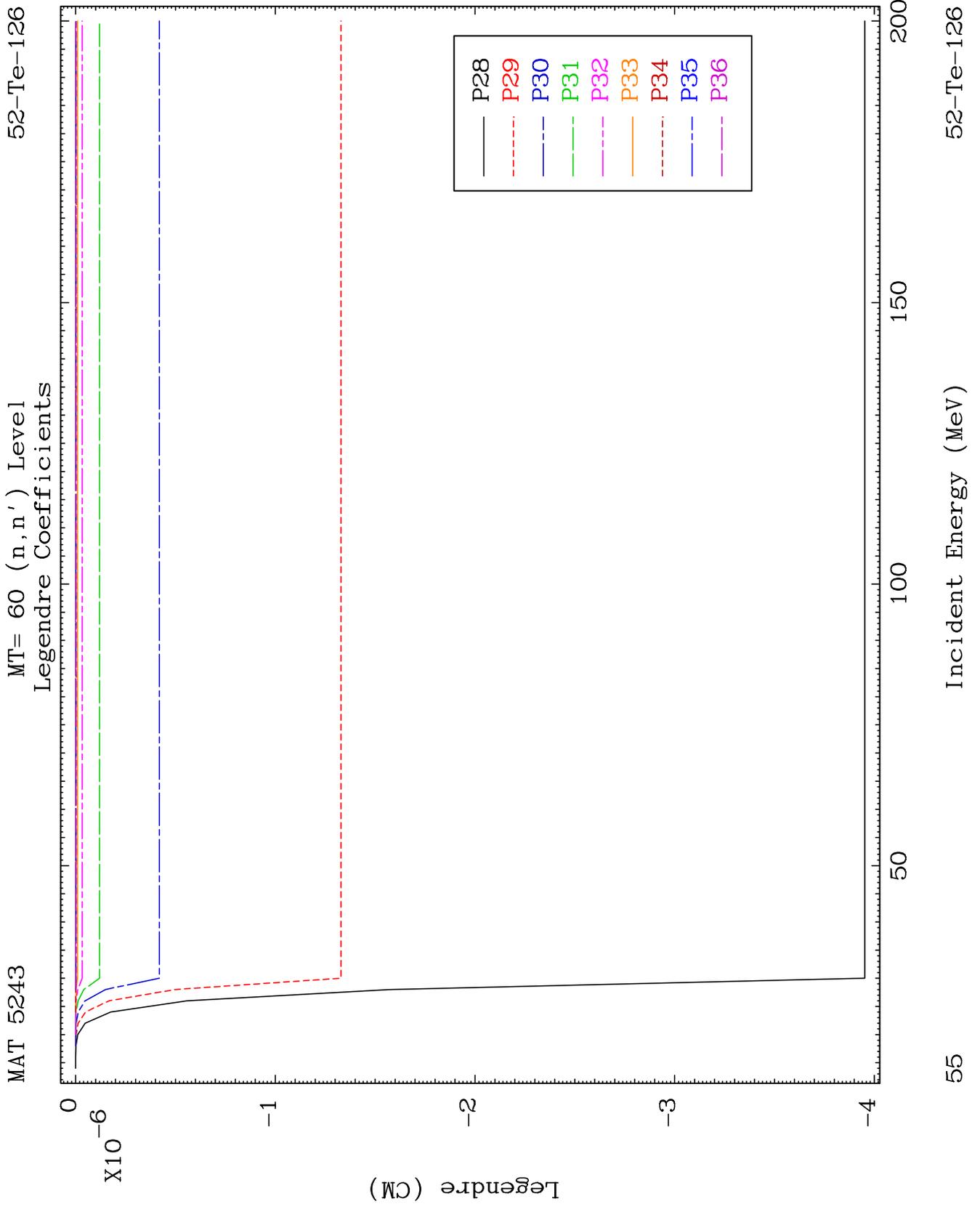


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Incident Energy (MeV)

52-Te-126

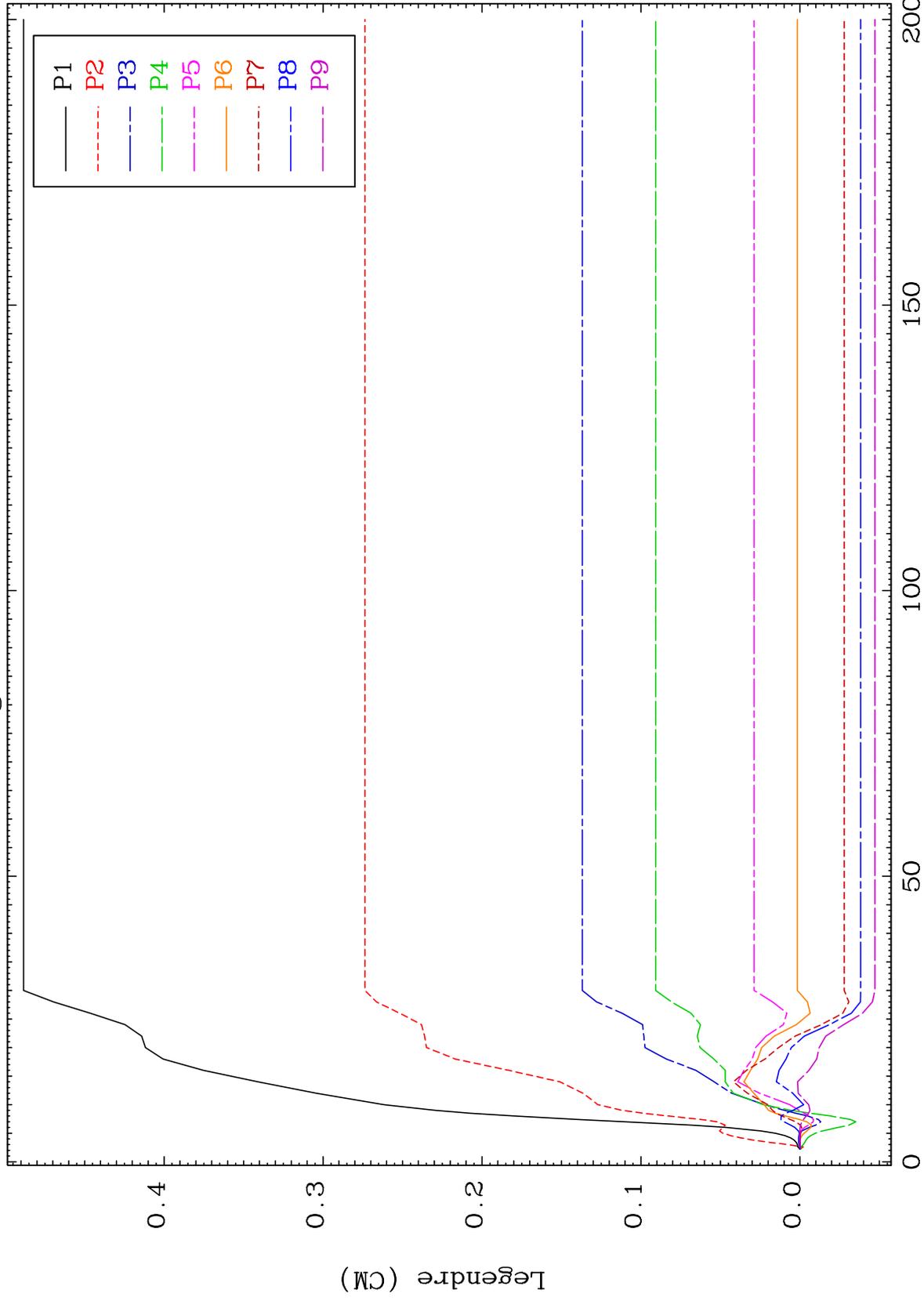




MAT 5243

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Legendre Coefficients

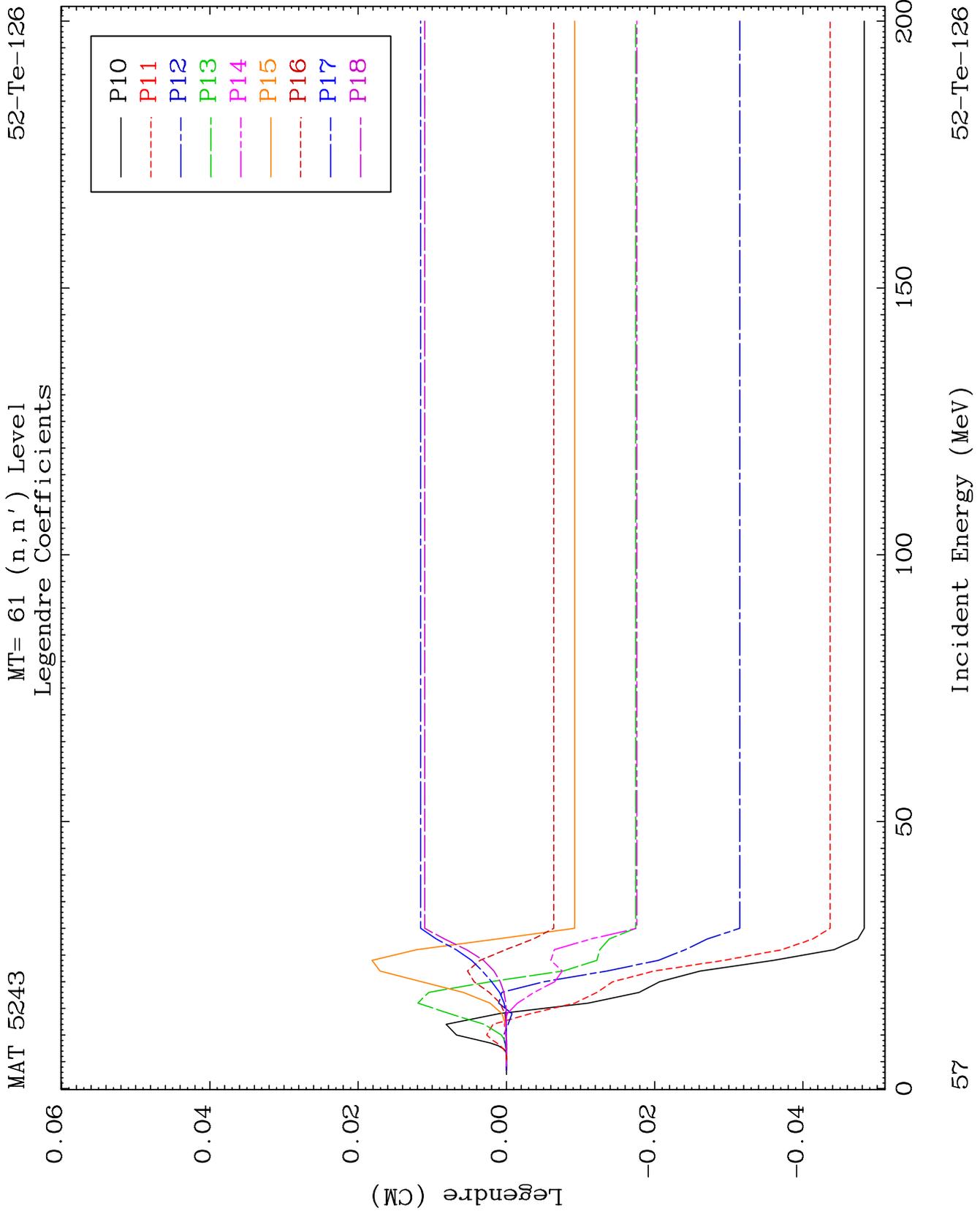
52-Te-126



56

Incident Energy (MeV)

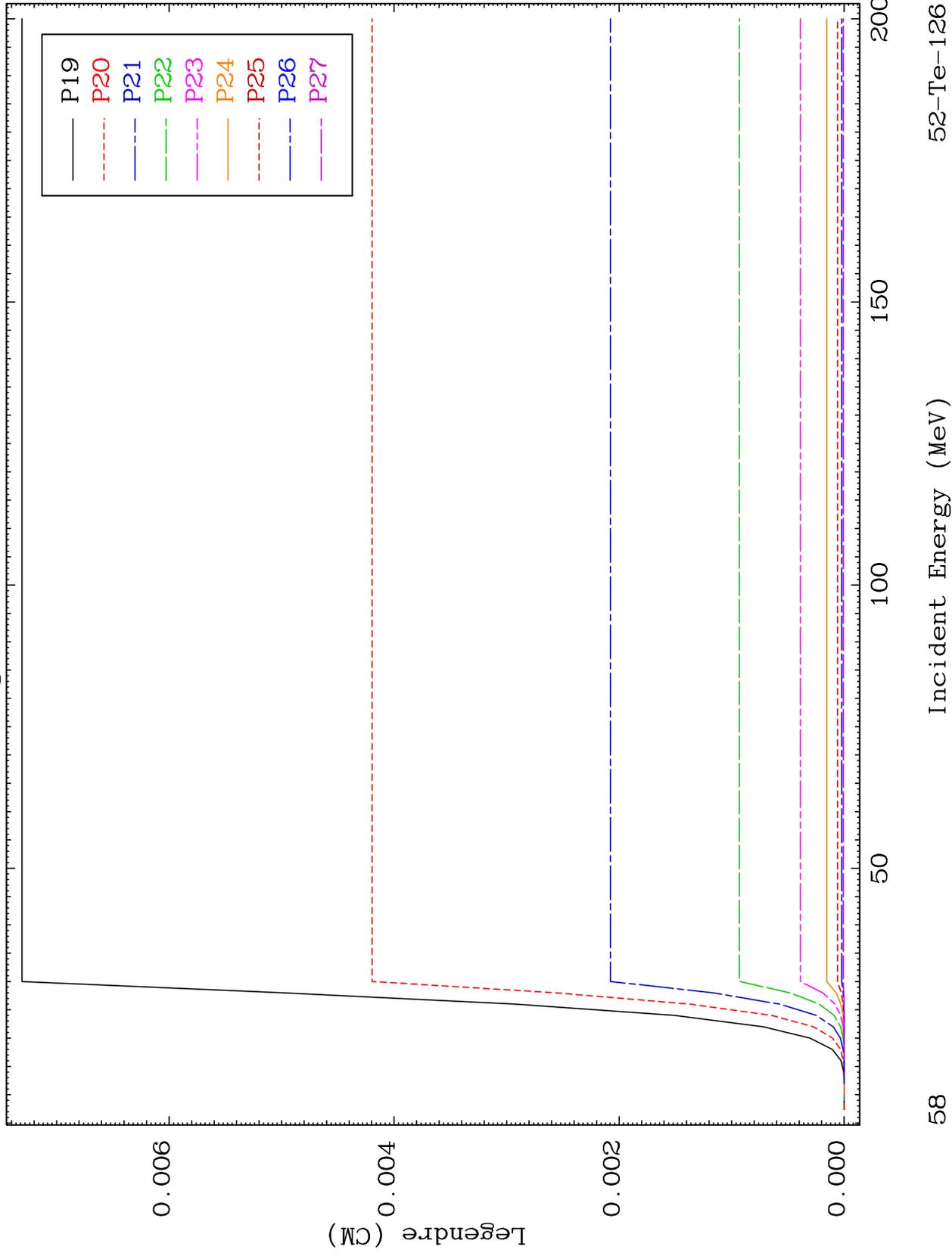
52-Te-126



MAT 5243

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

52-Te-126



58

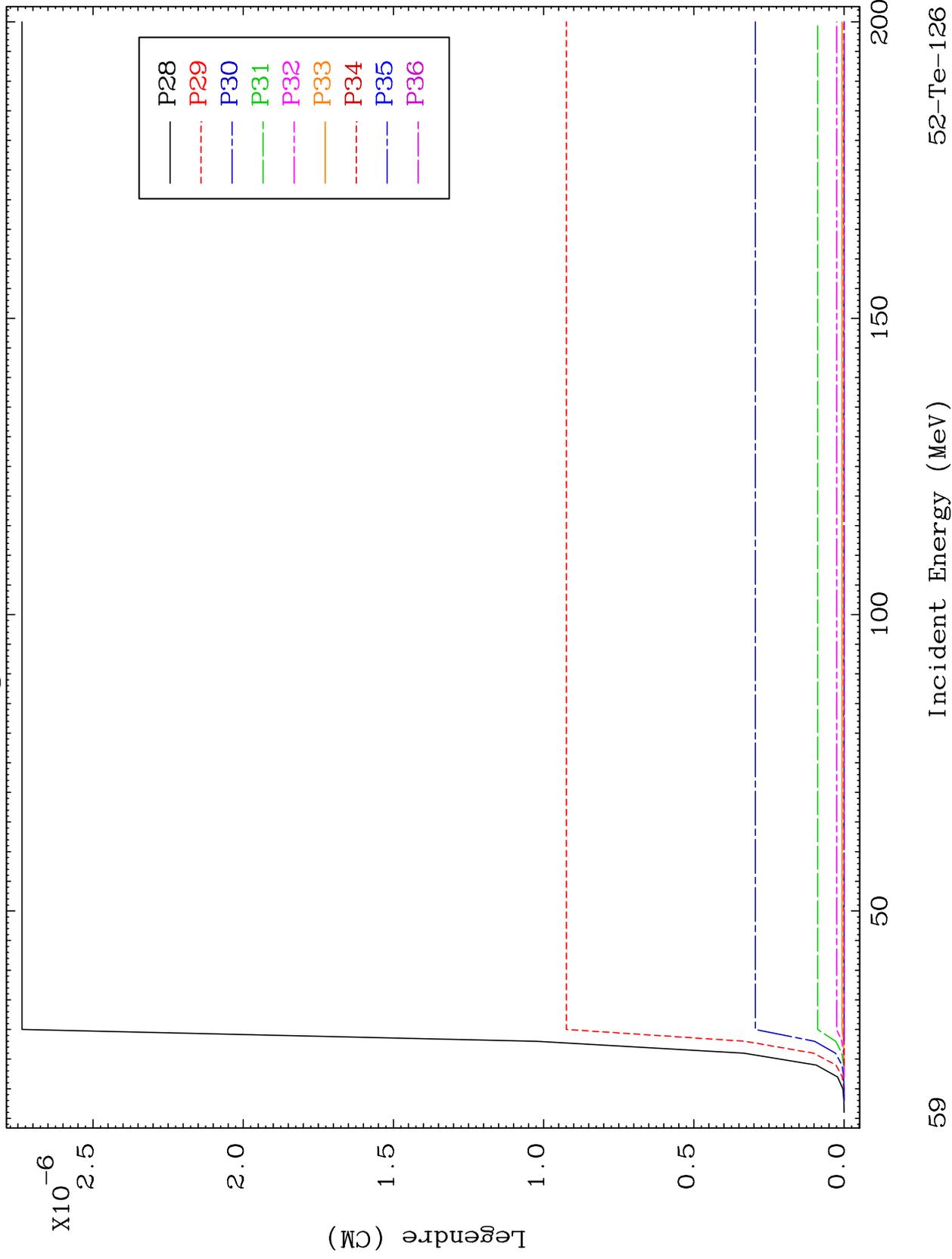
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



59

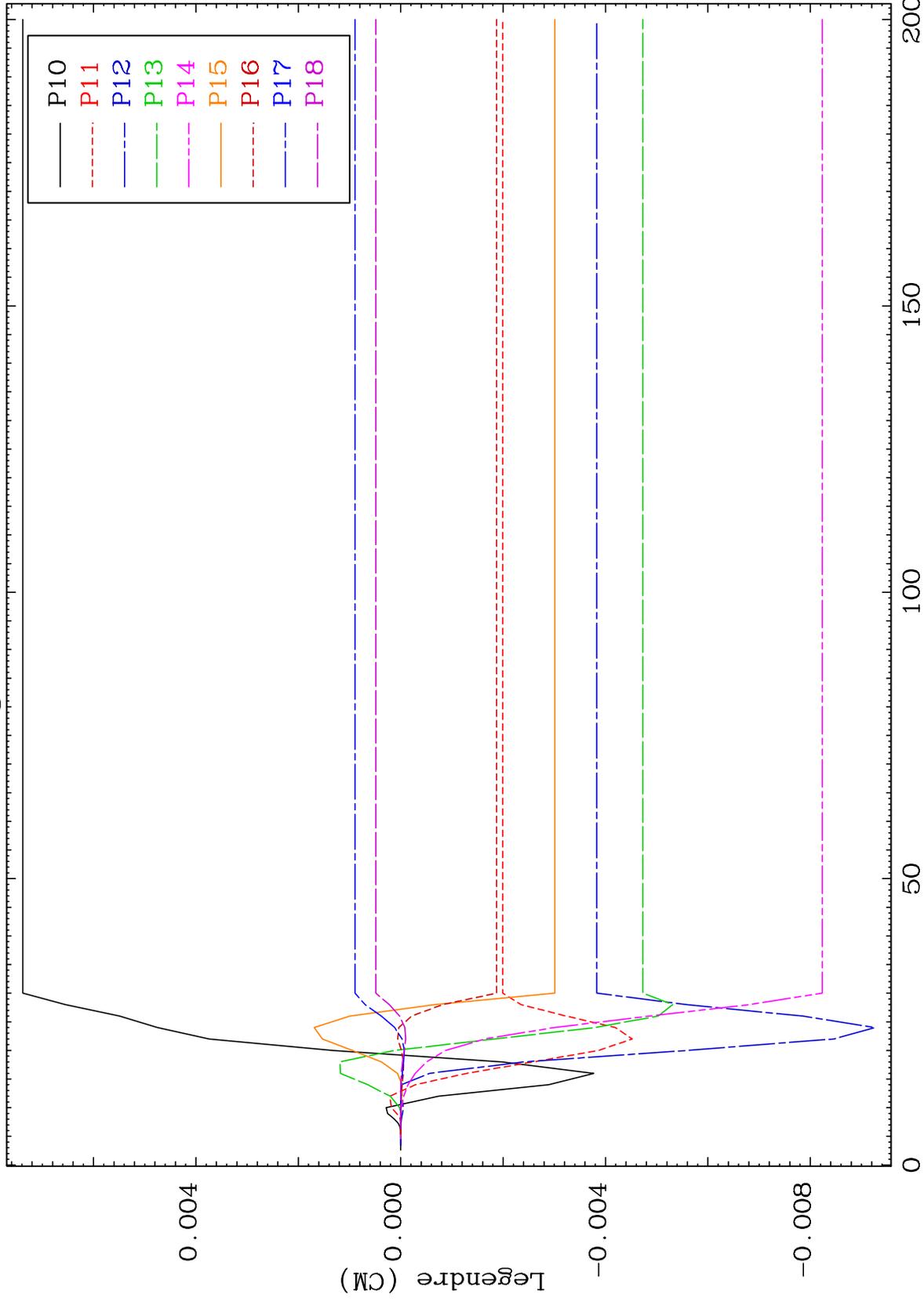
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



61

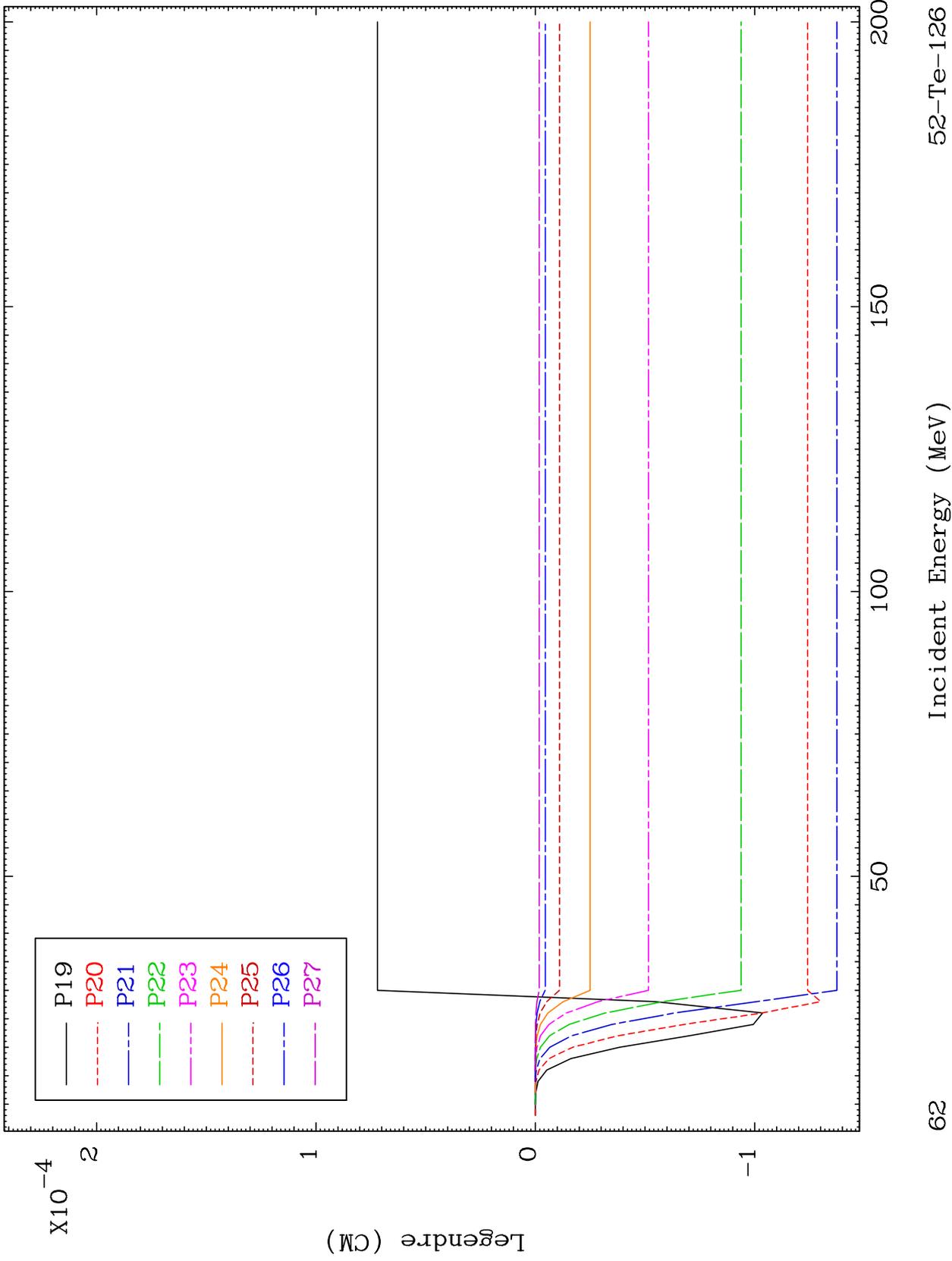
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



62

Incident Energy (MeV)

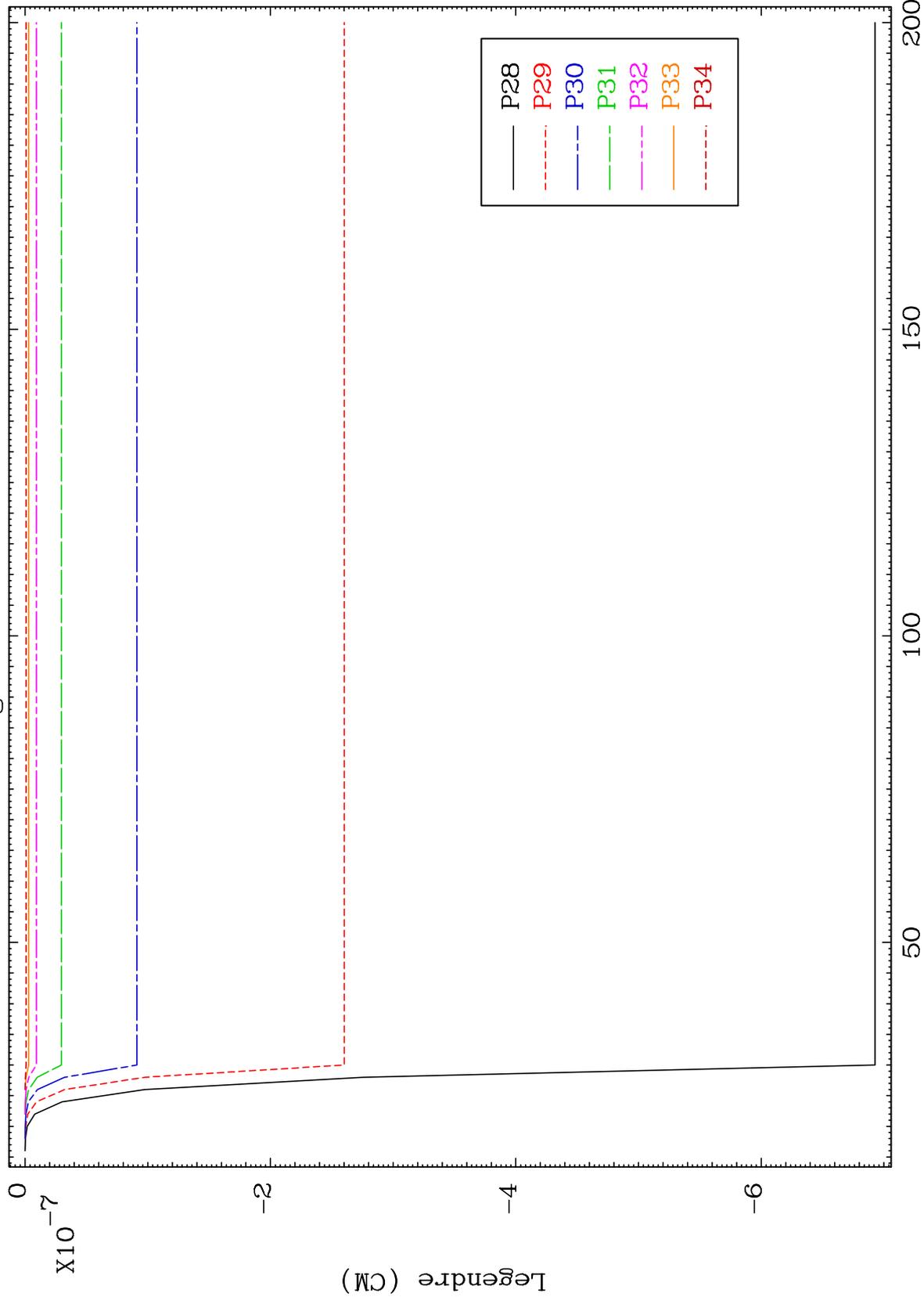
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MAT 5243

MT= 62 (n,n') Level

52-Te-126

Legendre Coefficients



52-Te-126

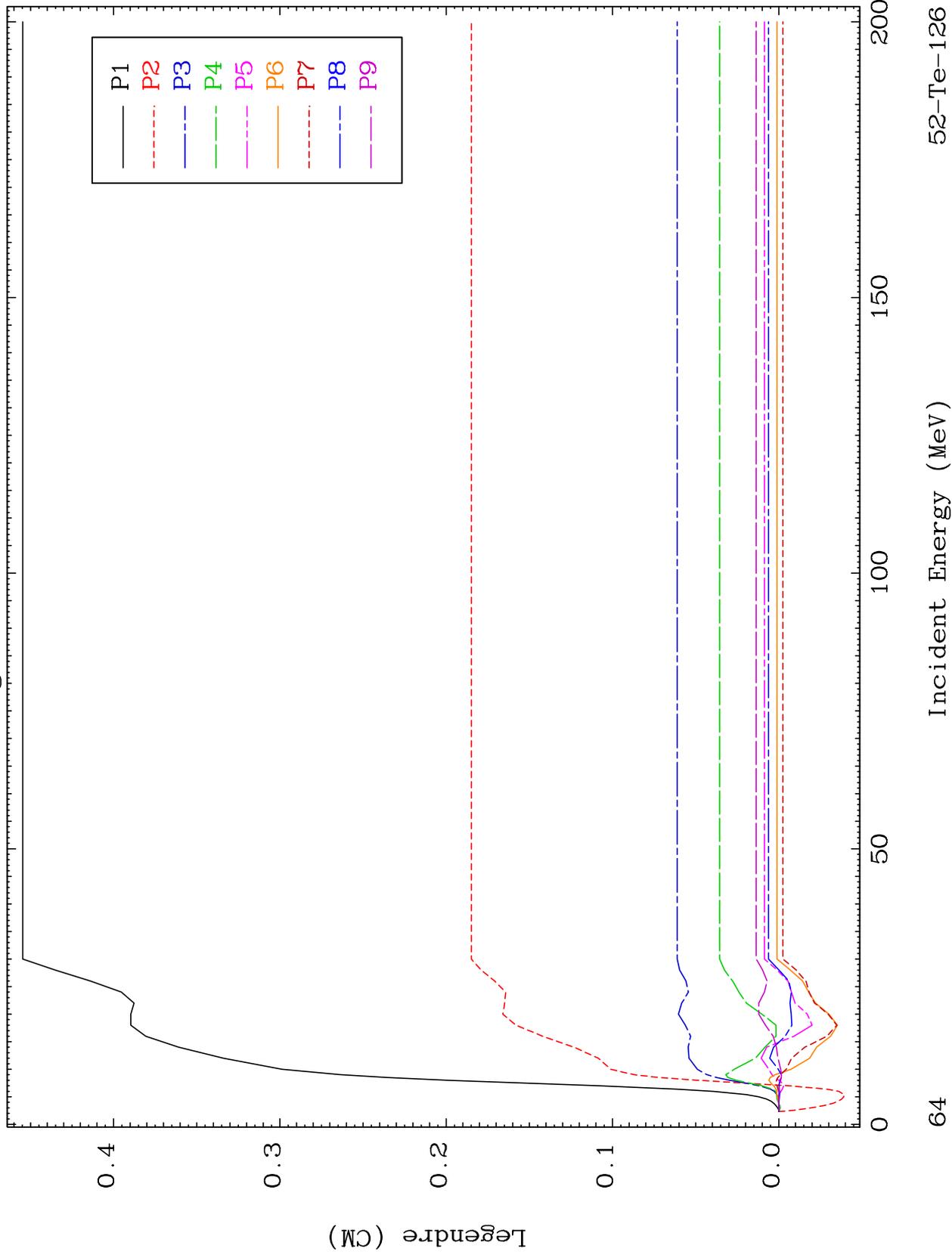
Incident Energy (MeV)

63

MAT 5243

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

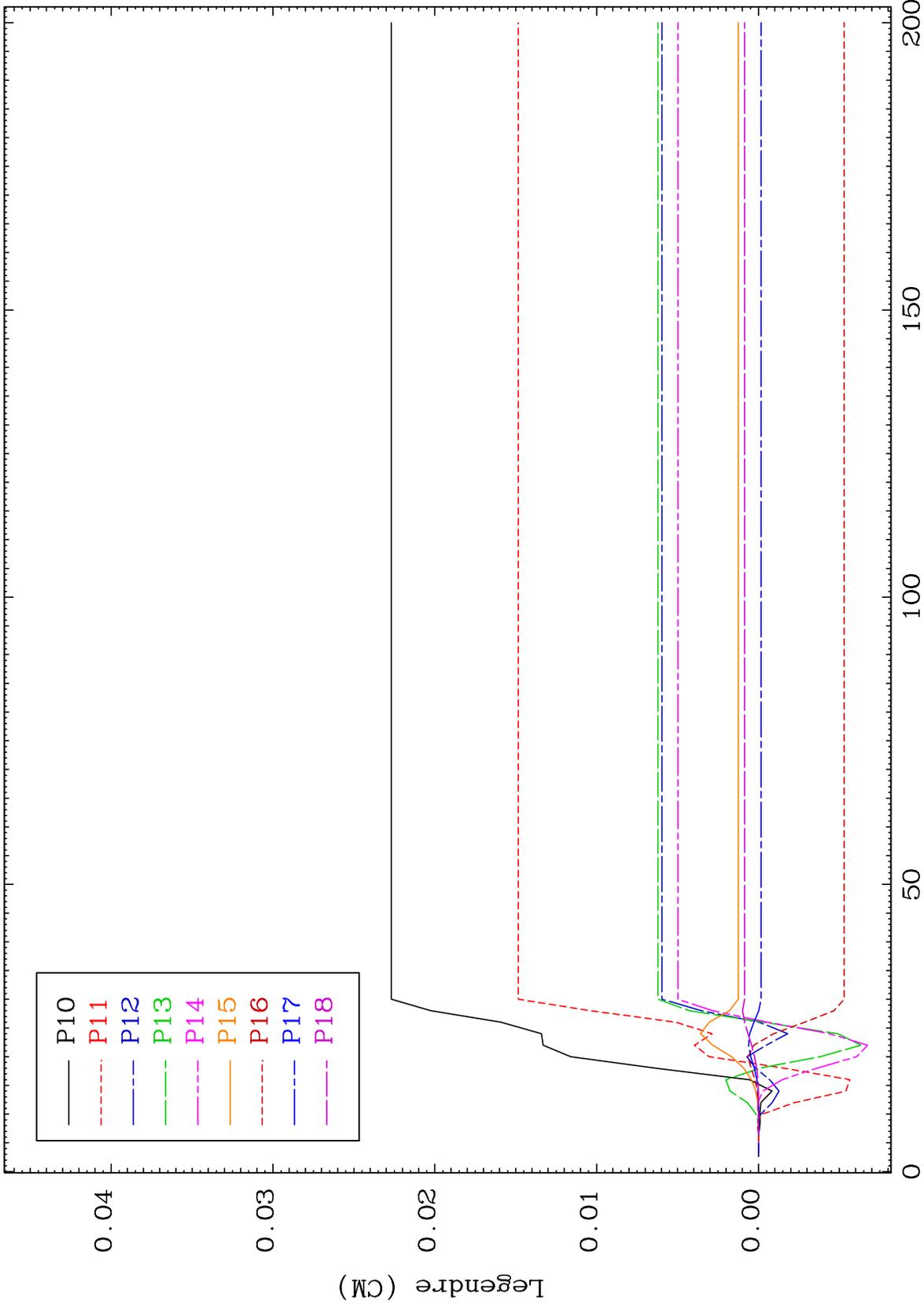
52-Te-126



MAT 5243

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

52-Te-126



65

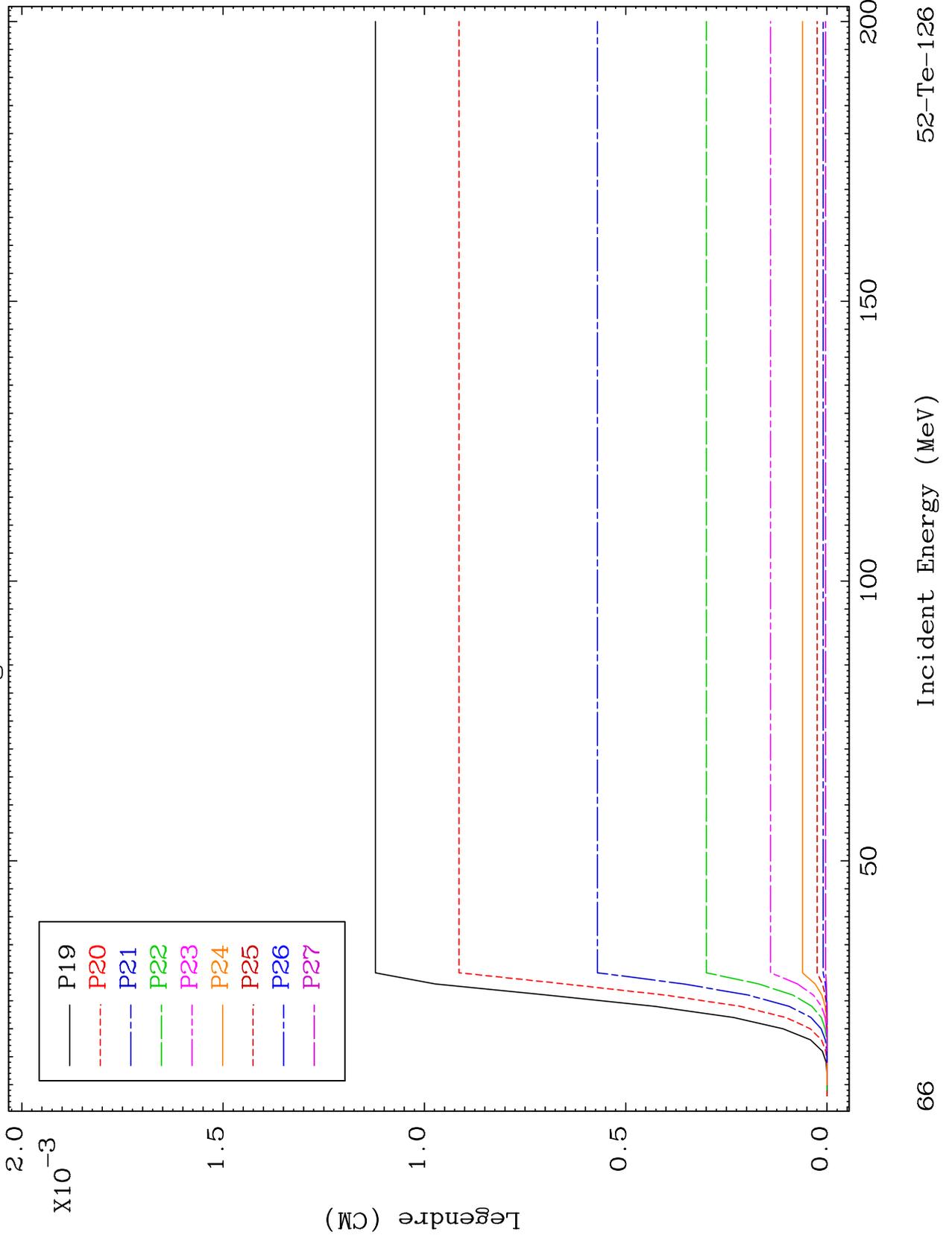
Incident Energy (MeV)

52-Te-126

MAT 5243

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

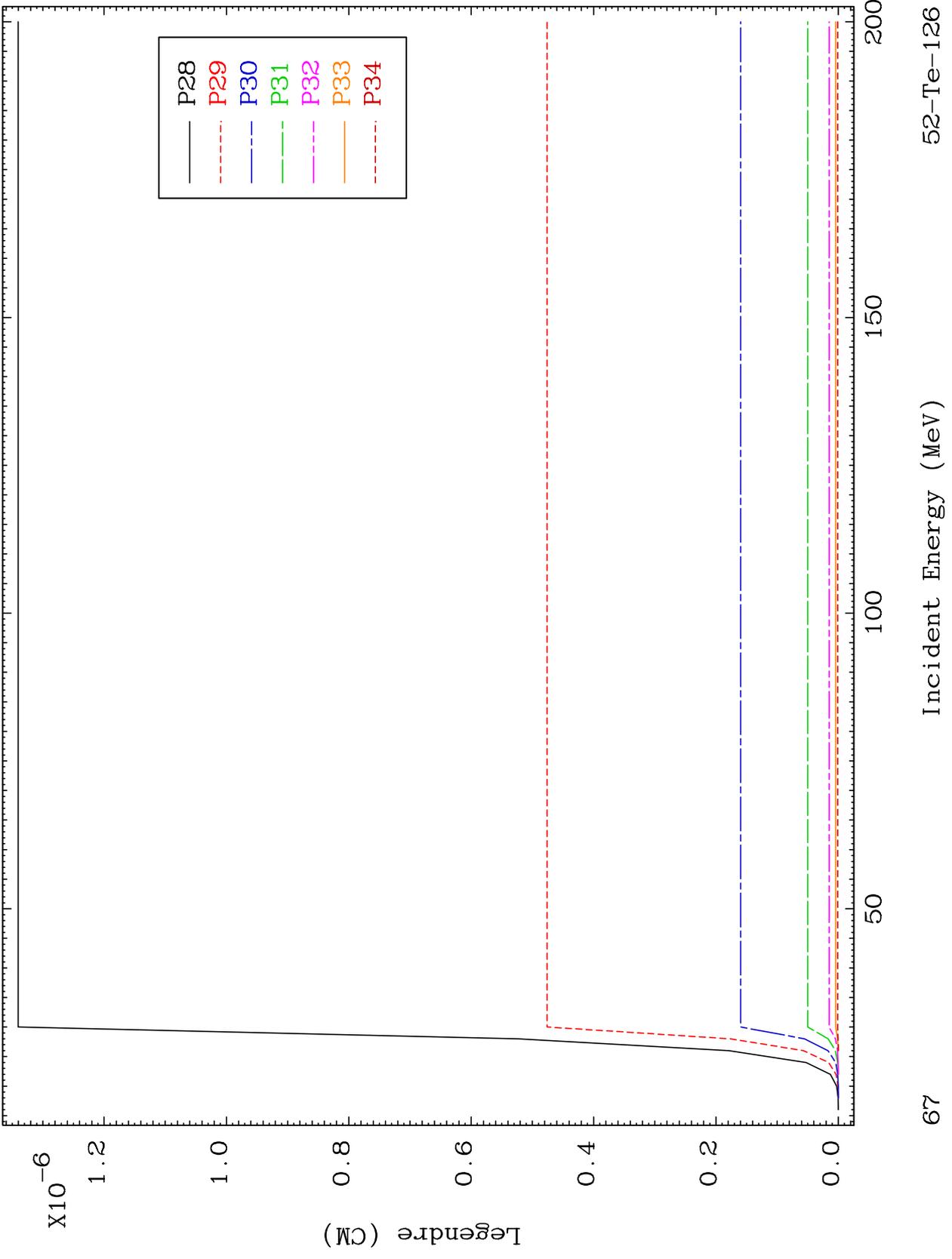
52-Te-126



MAT 5243

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

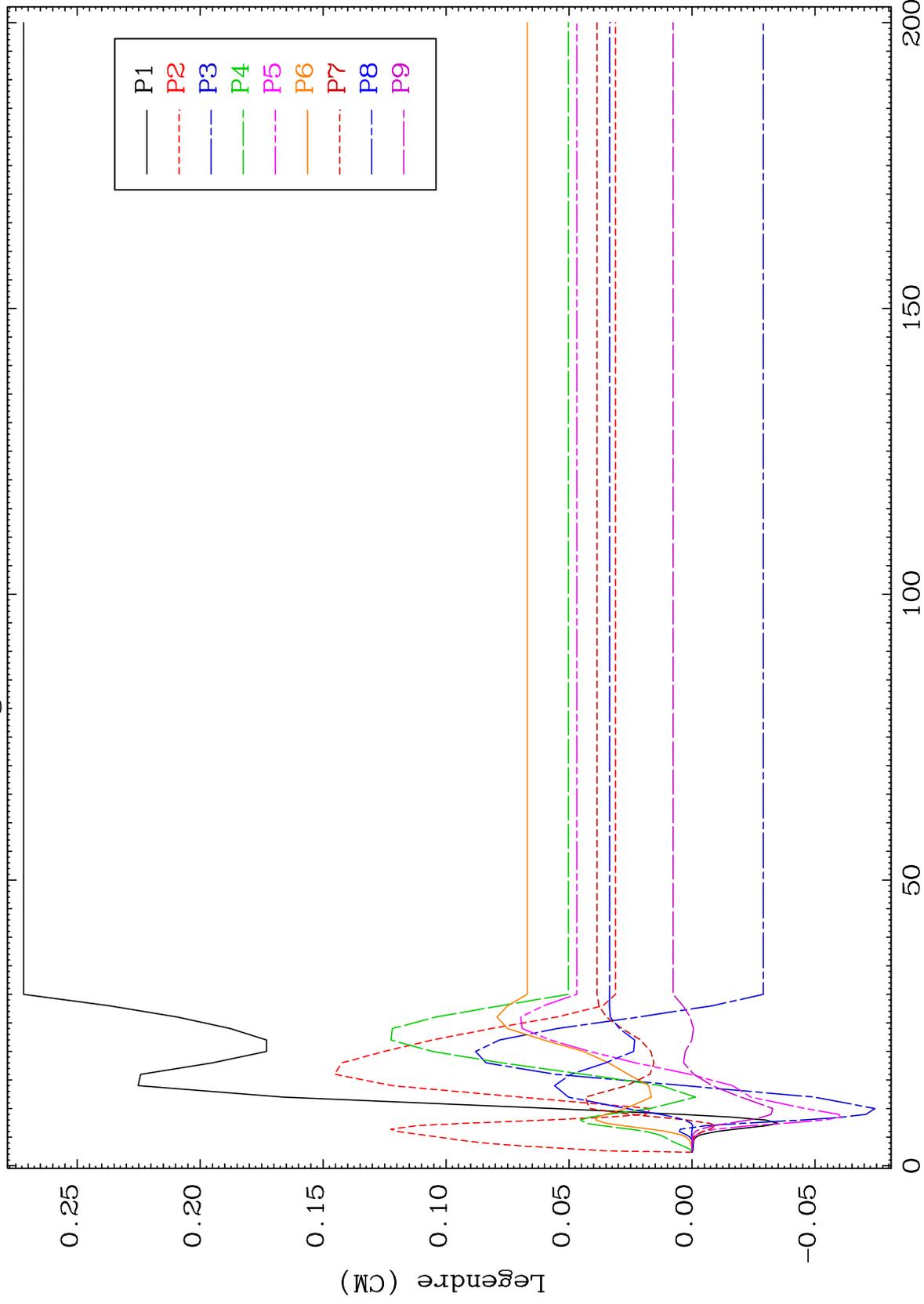
52-Te-126



MAT 5243

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

52-Te-126



68

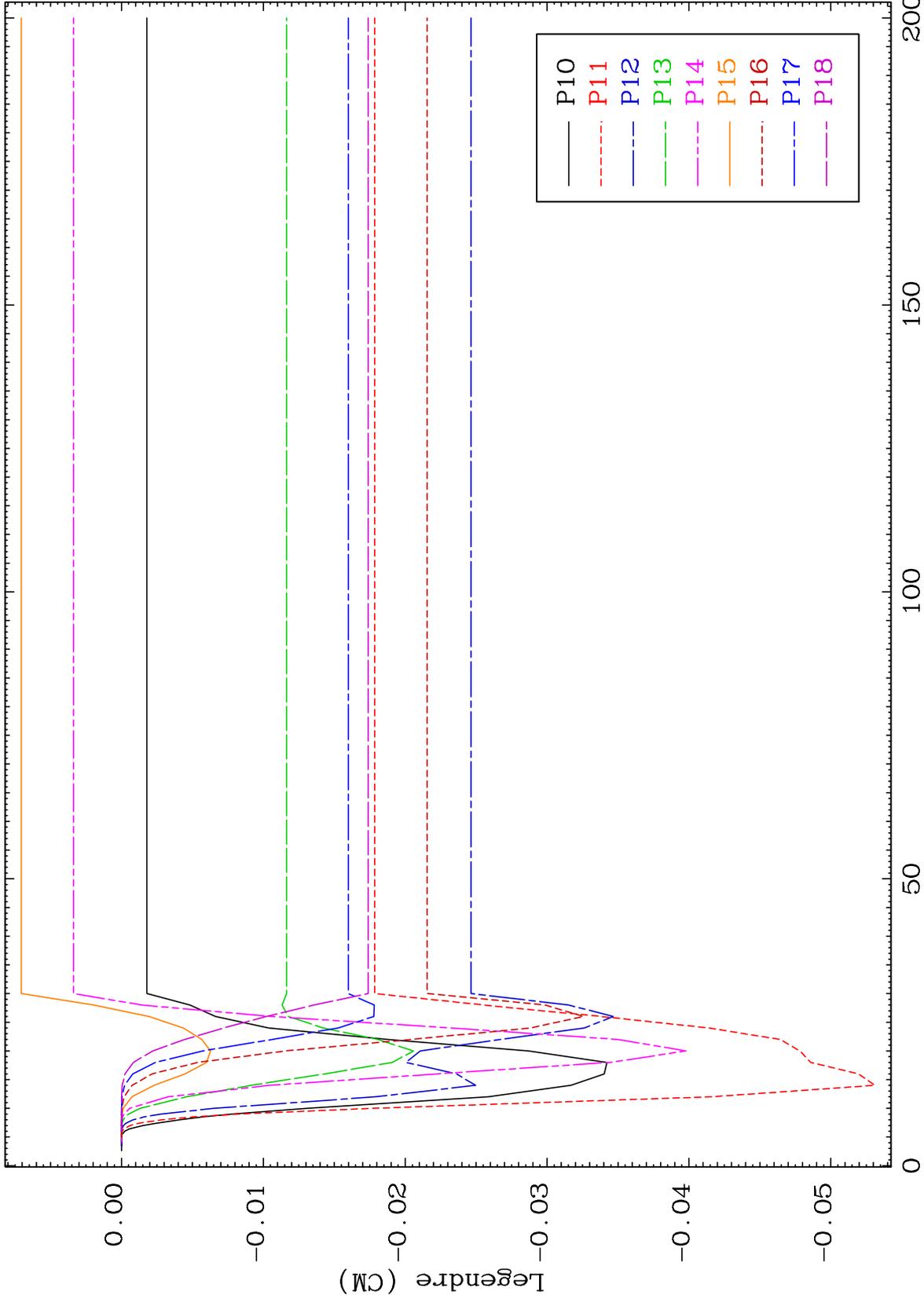
Incident Energy (MeV)

52-Te-126

MAT 5243

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

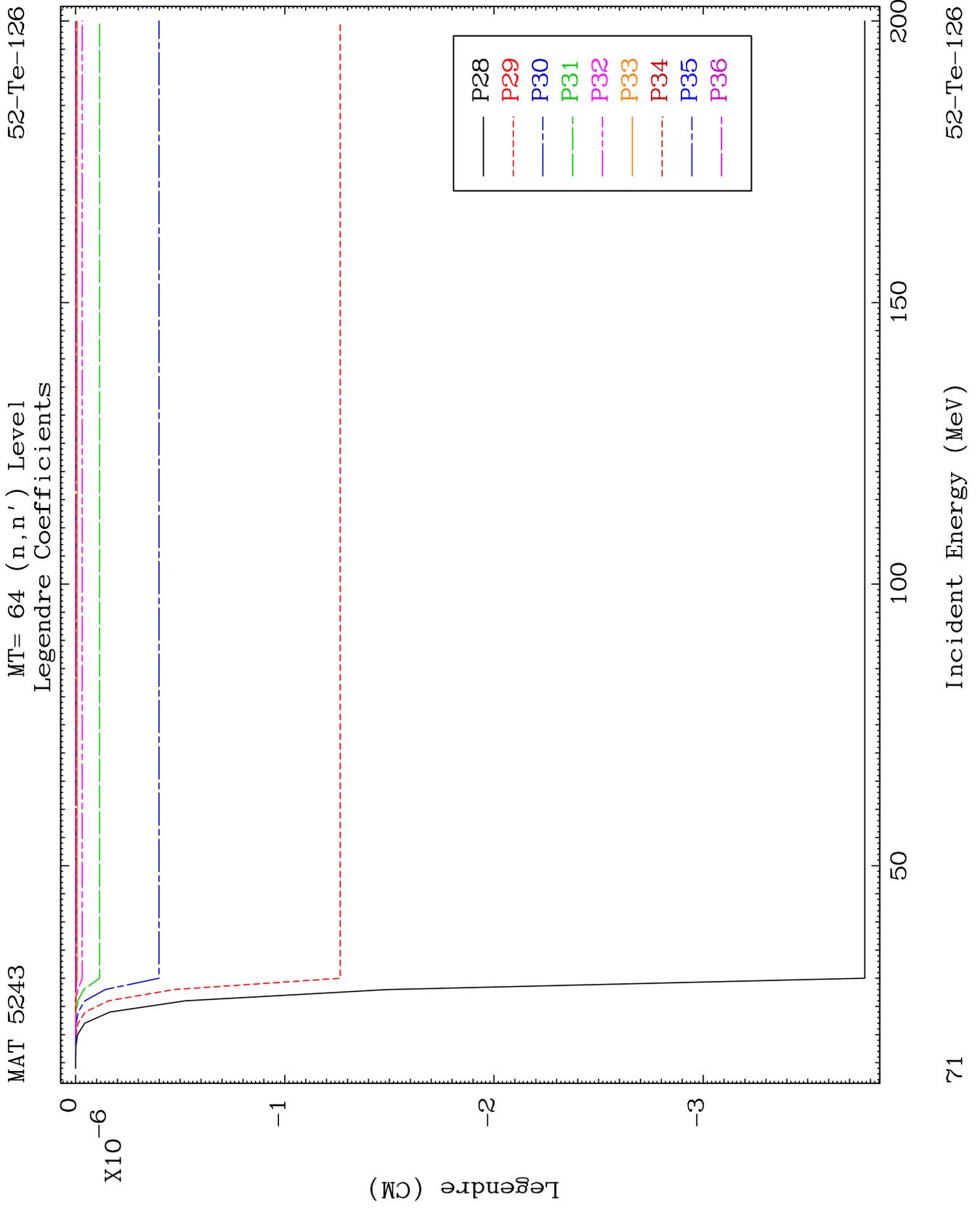
52-Te-126



69

Incident Energy (MeV)

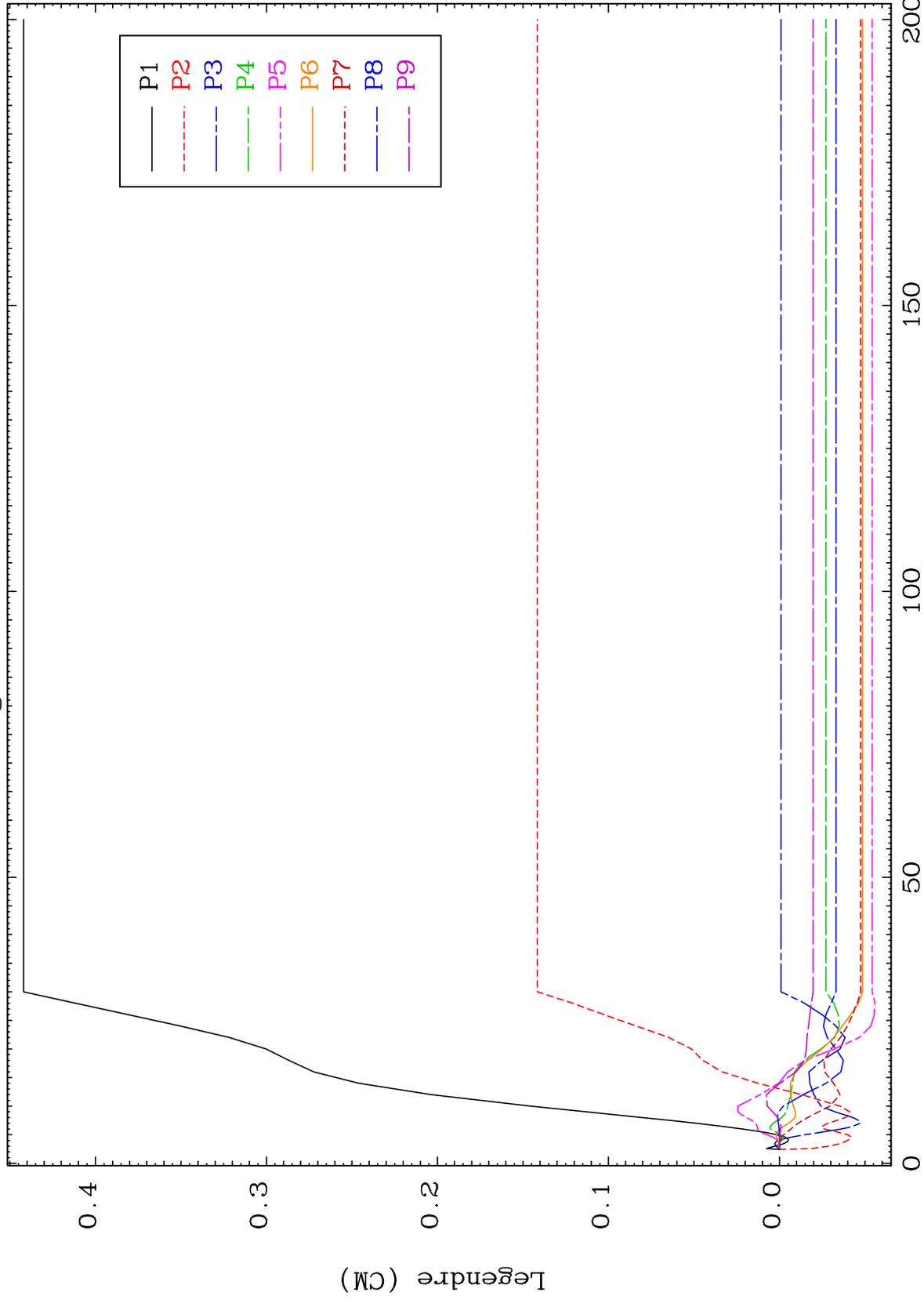
52-Te-126



MAT 5243

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

52-Te-126



72

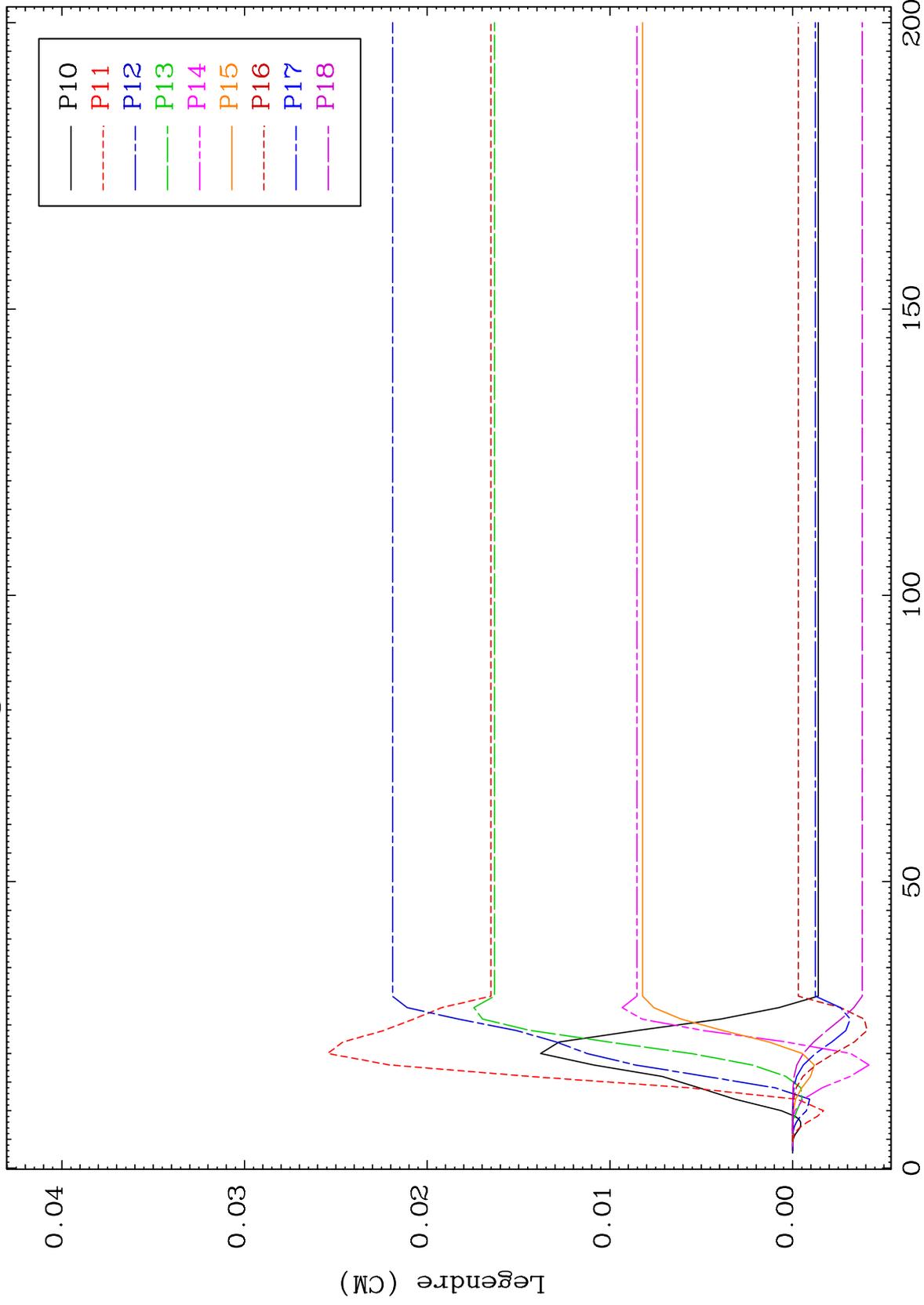
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



73

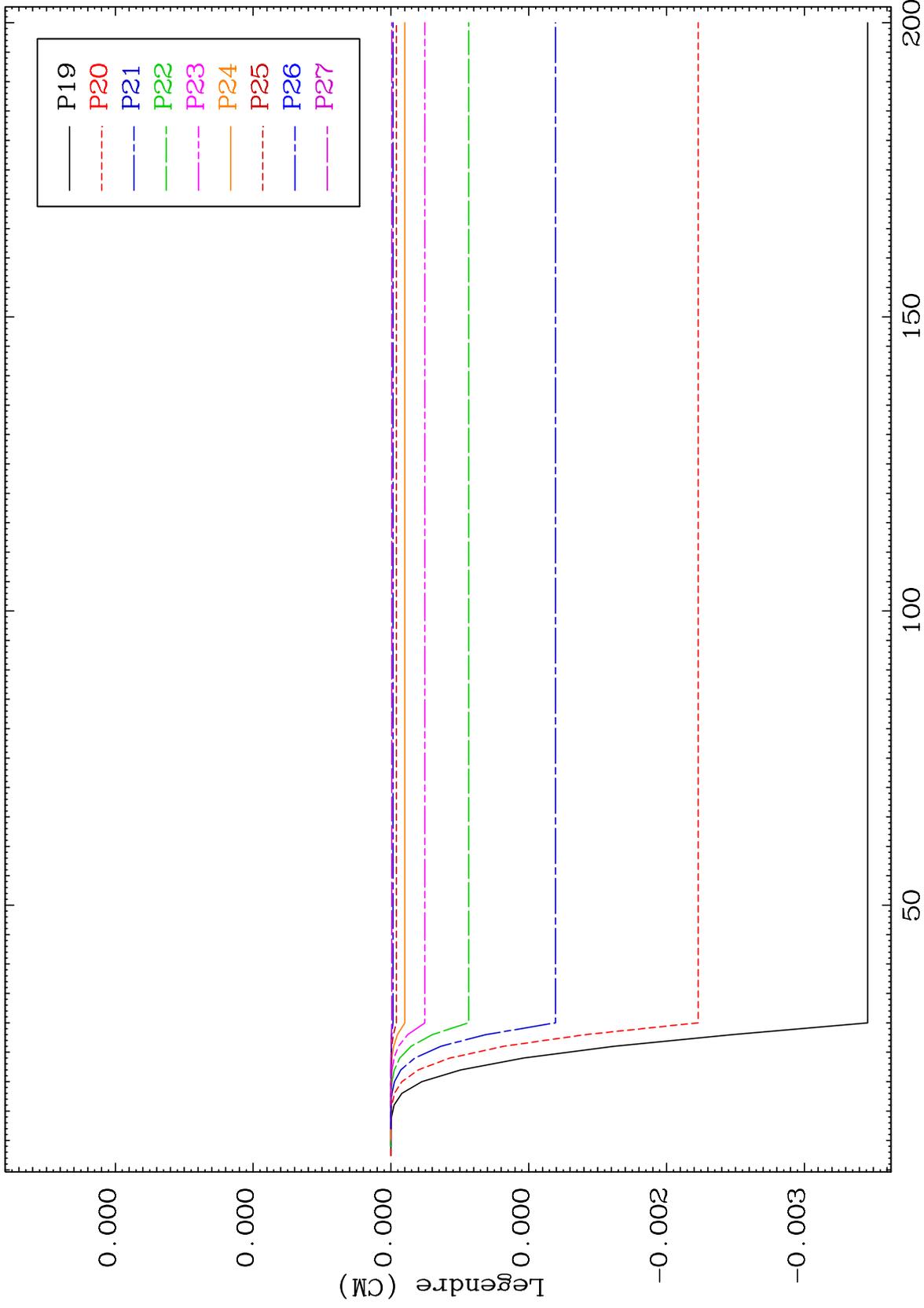
Incident Energy (MeV)

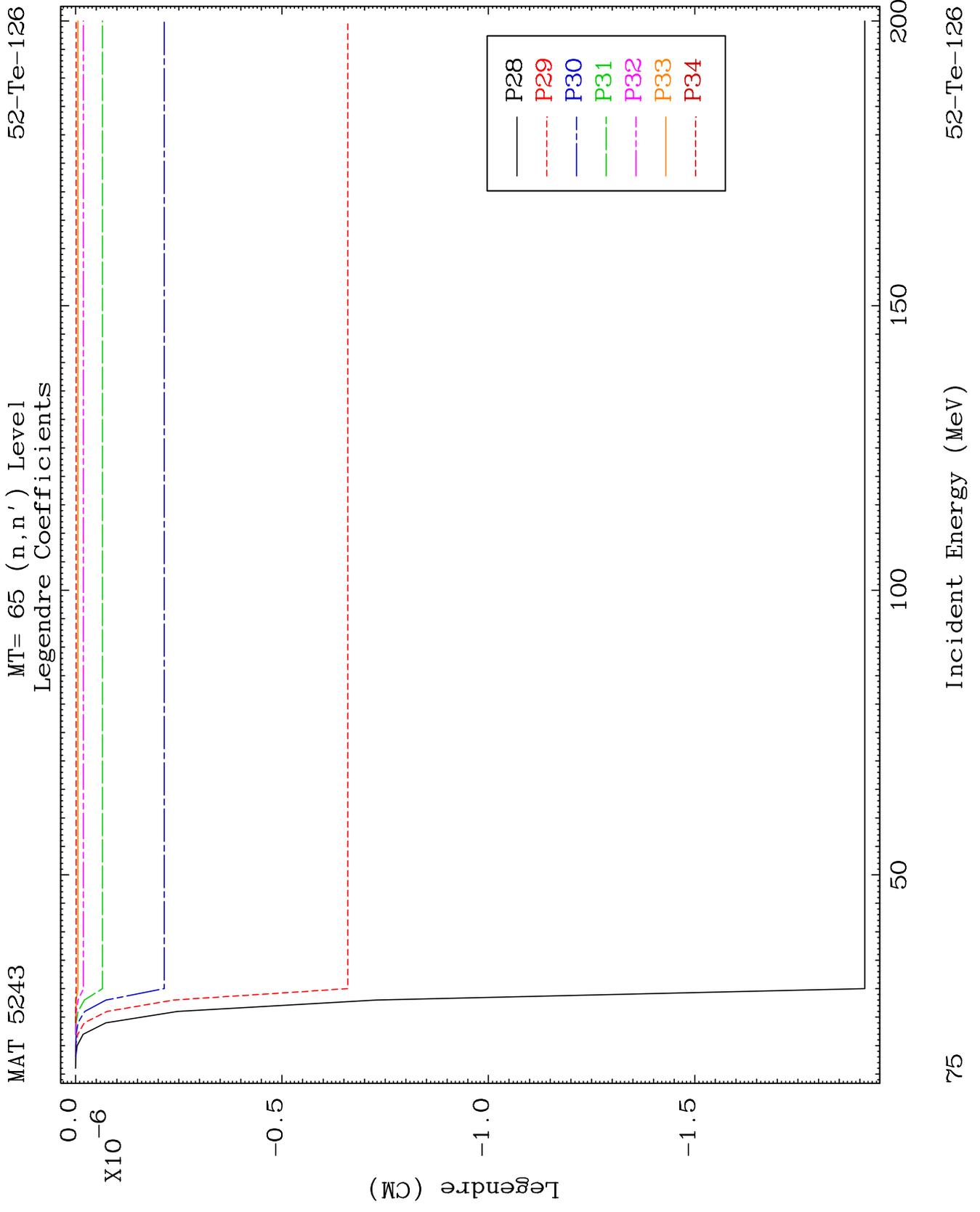
52-Te-126

MAT 5243

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

52-Te-126

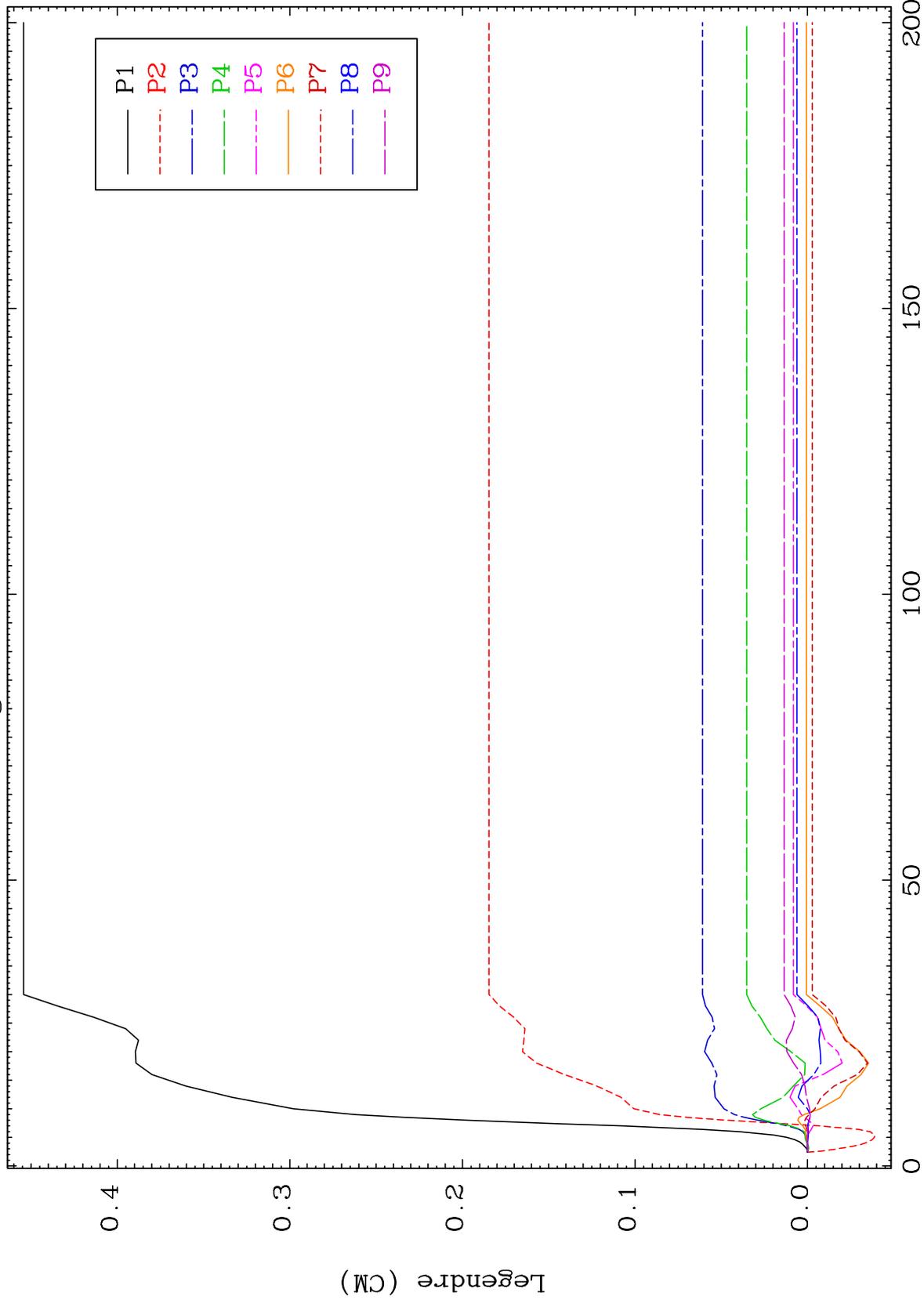




MAT 5243

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

52-Te-126



76

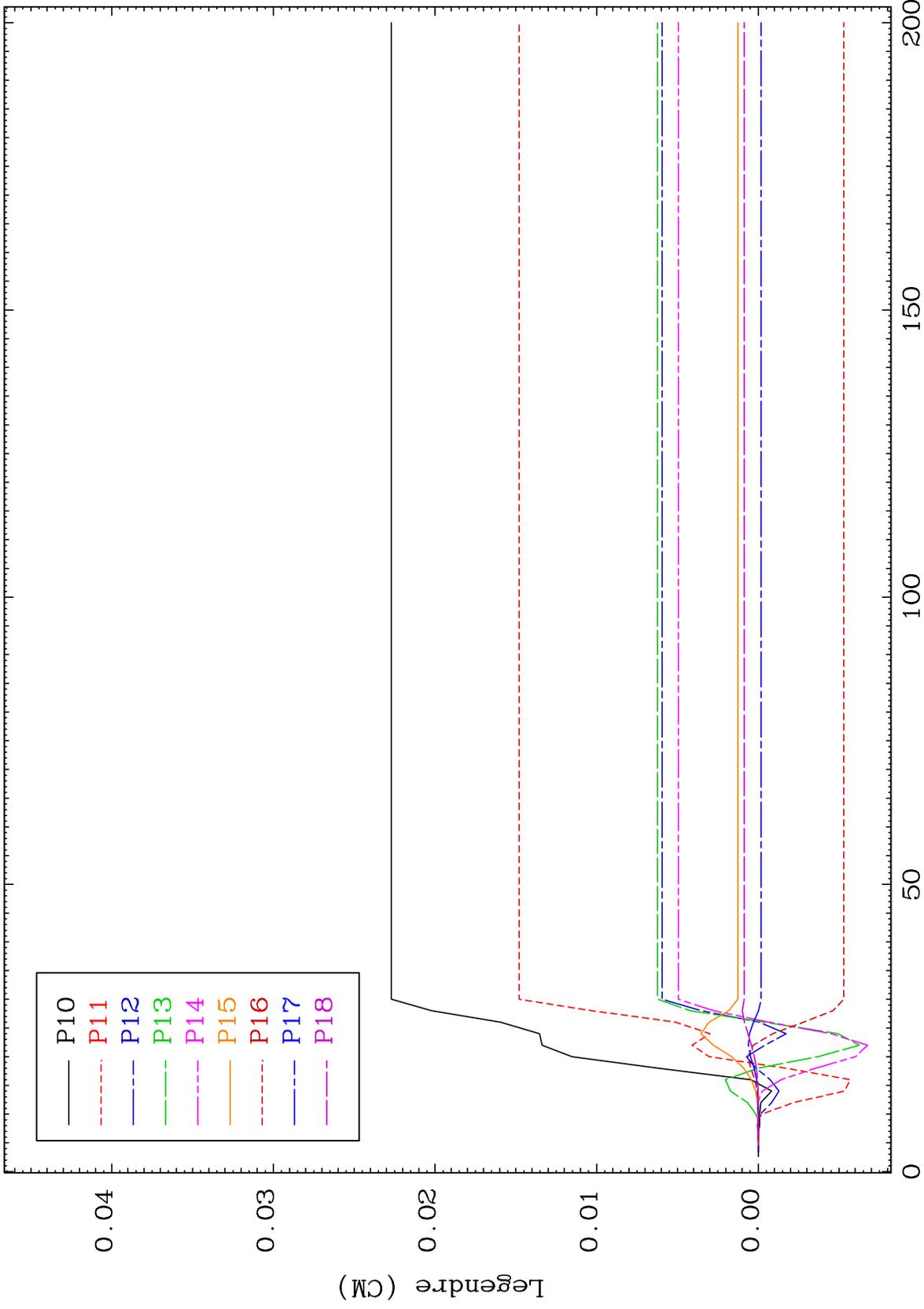
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



77

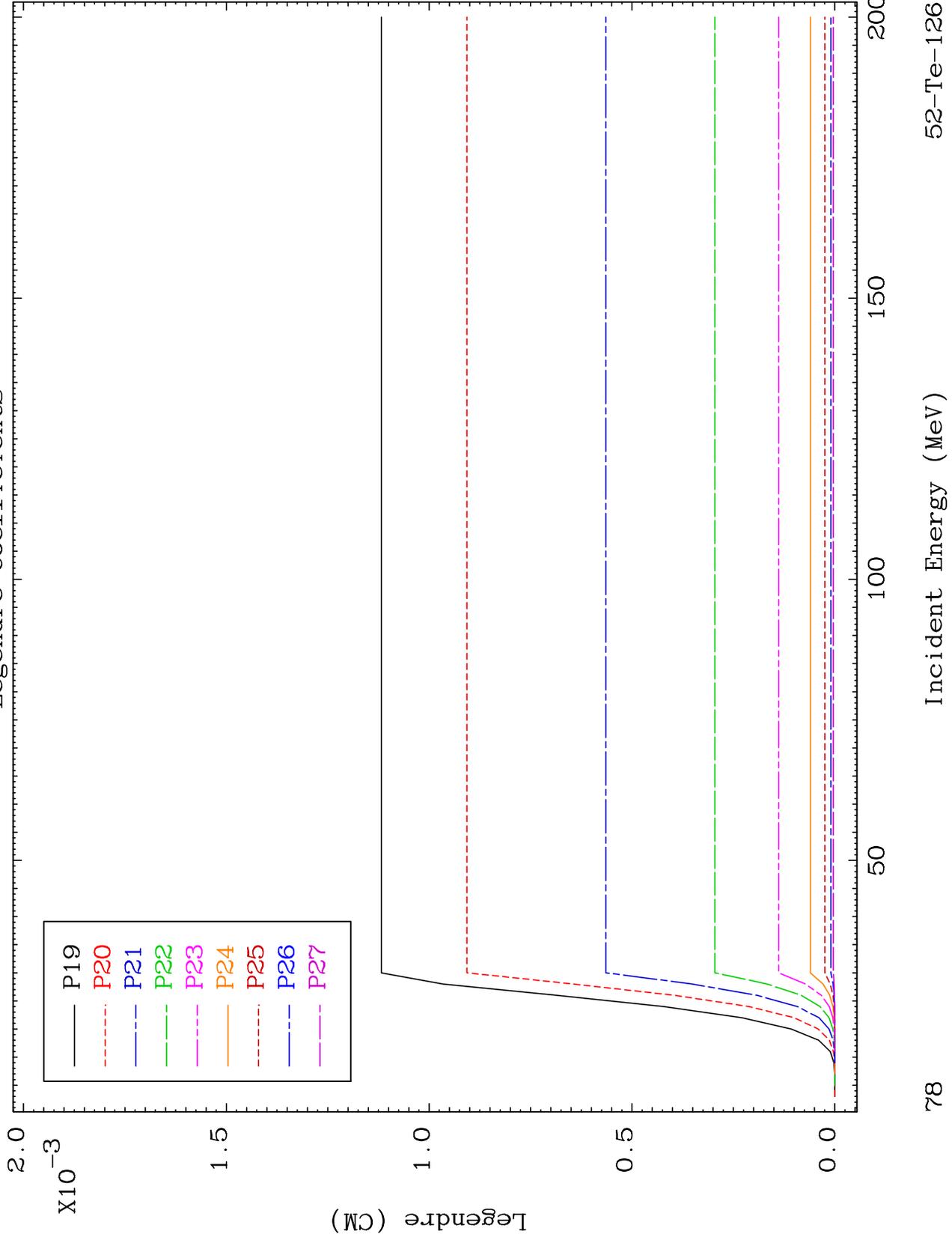
Incident Energy (MeV)

52-Te-126

MAT 5243

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

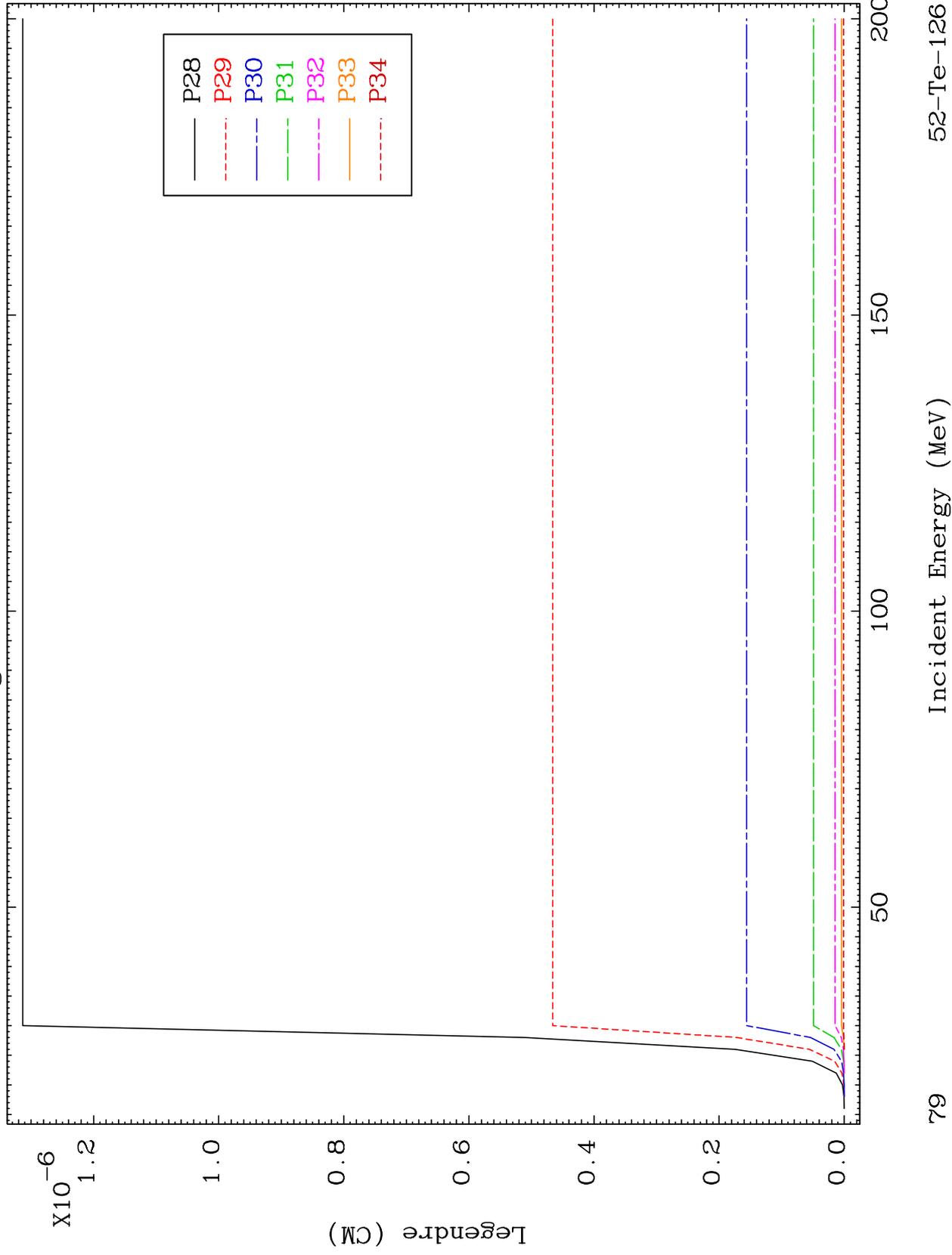
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MAT 5243

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

52-Te-126



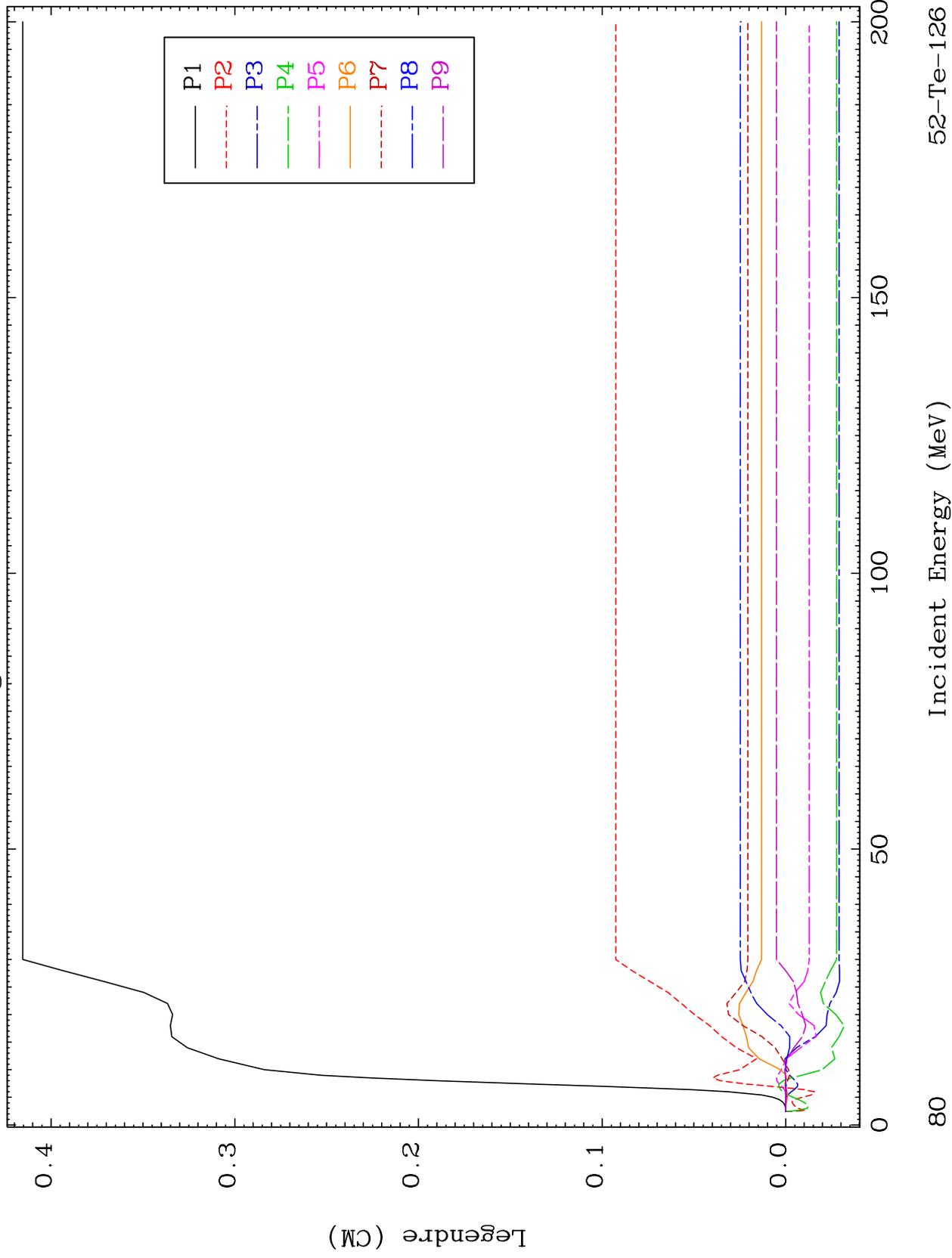
79

52-Te-126

MAT 5243

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

52-Te-126



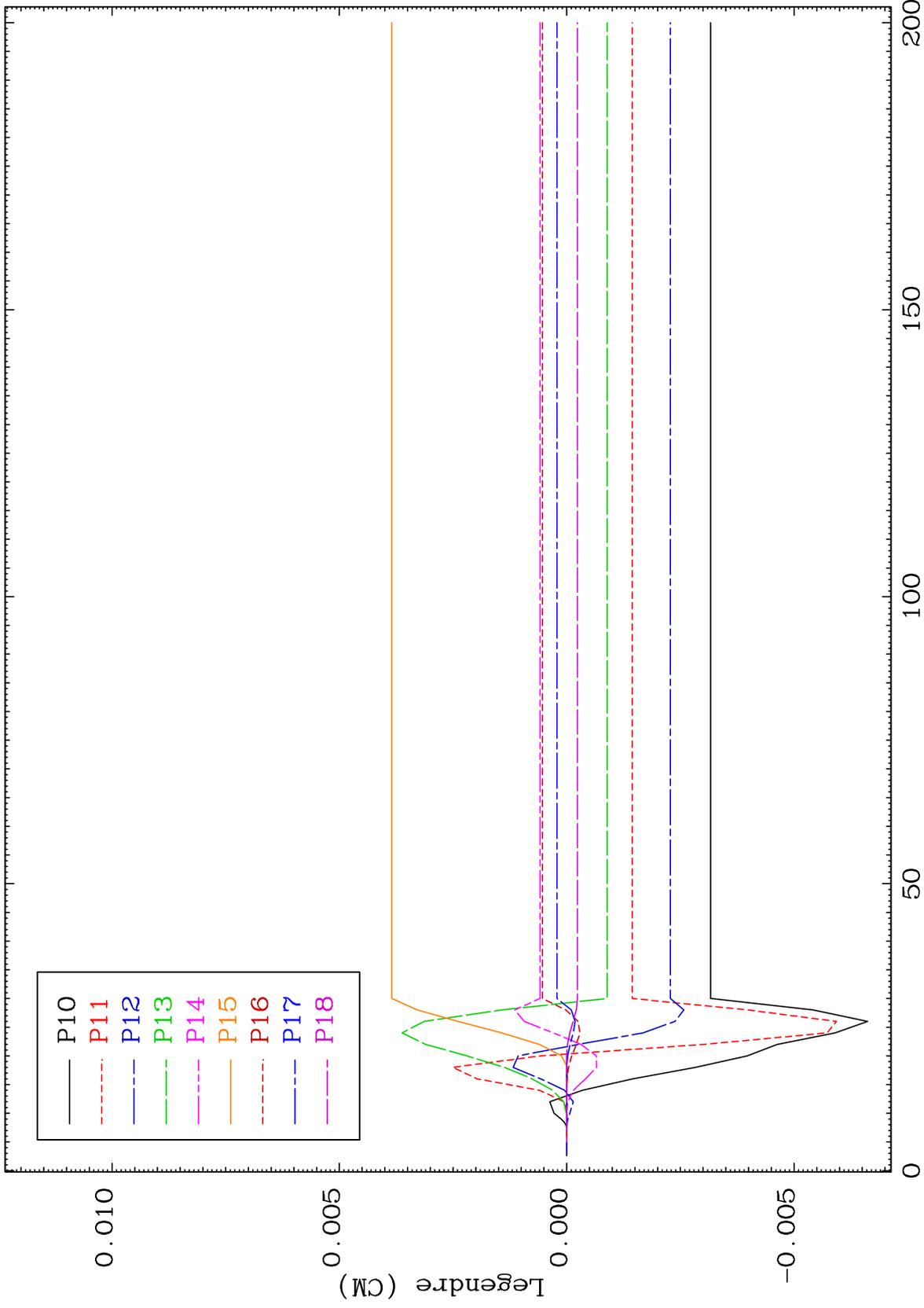
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Incident Energy (MeV)

MAT 5243

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

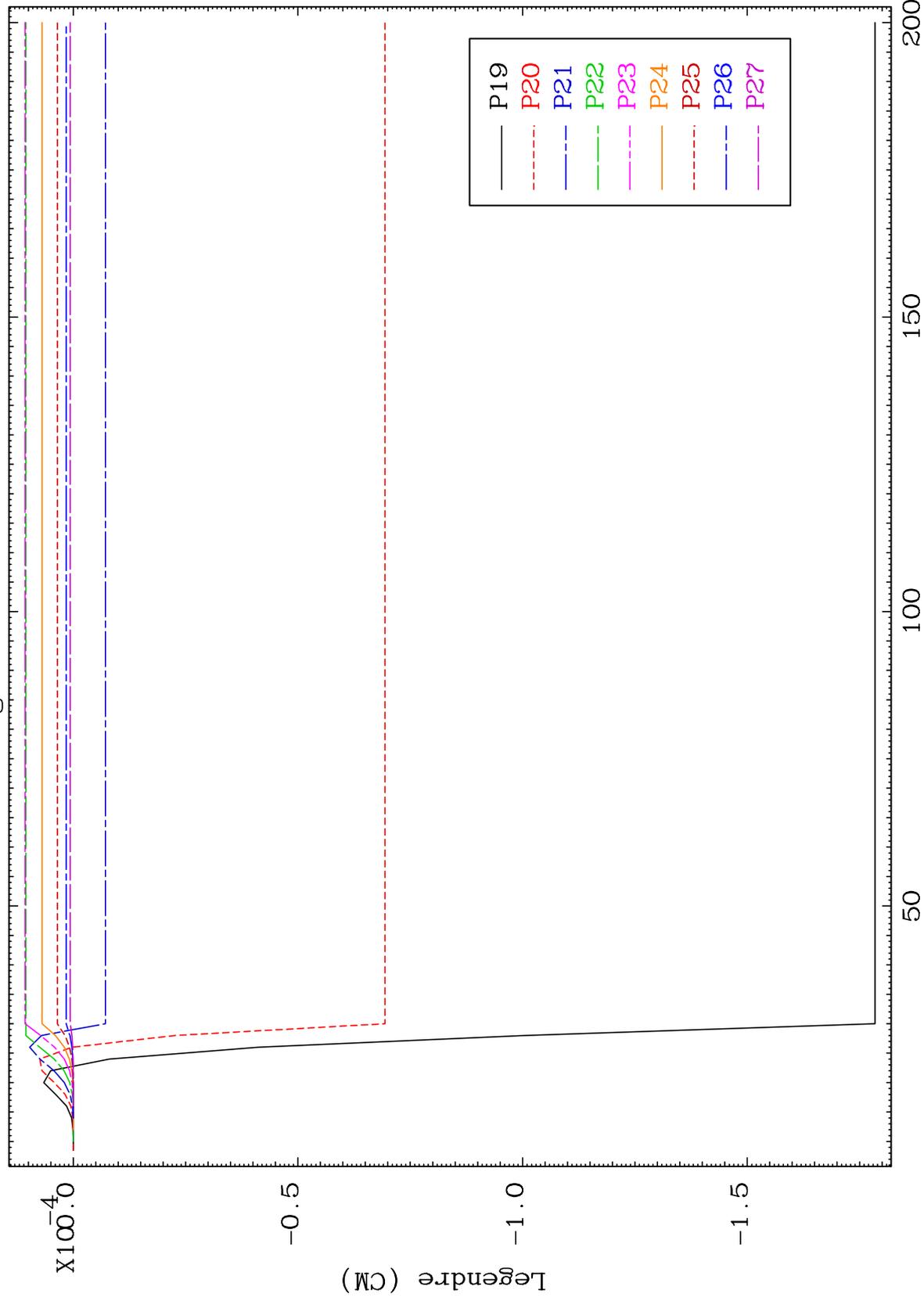
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MAT 5243

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

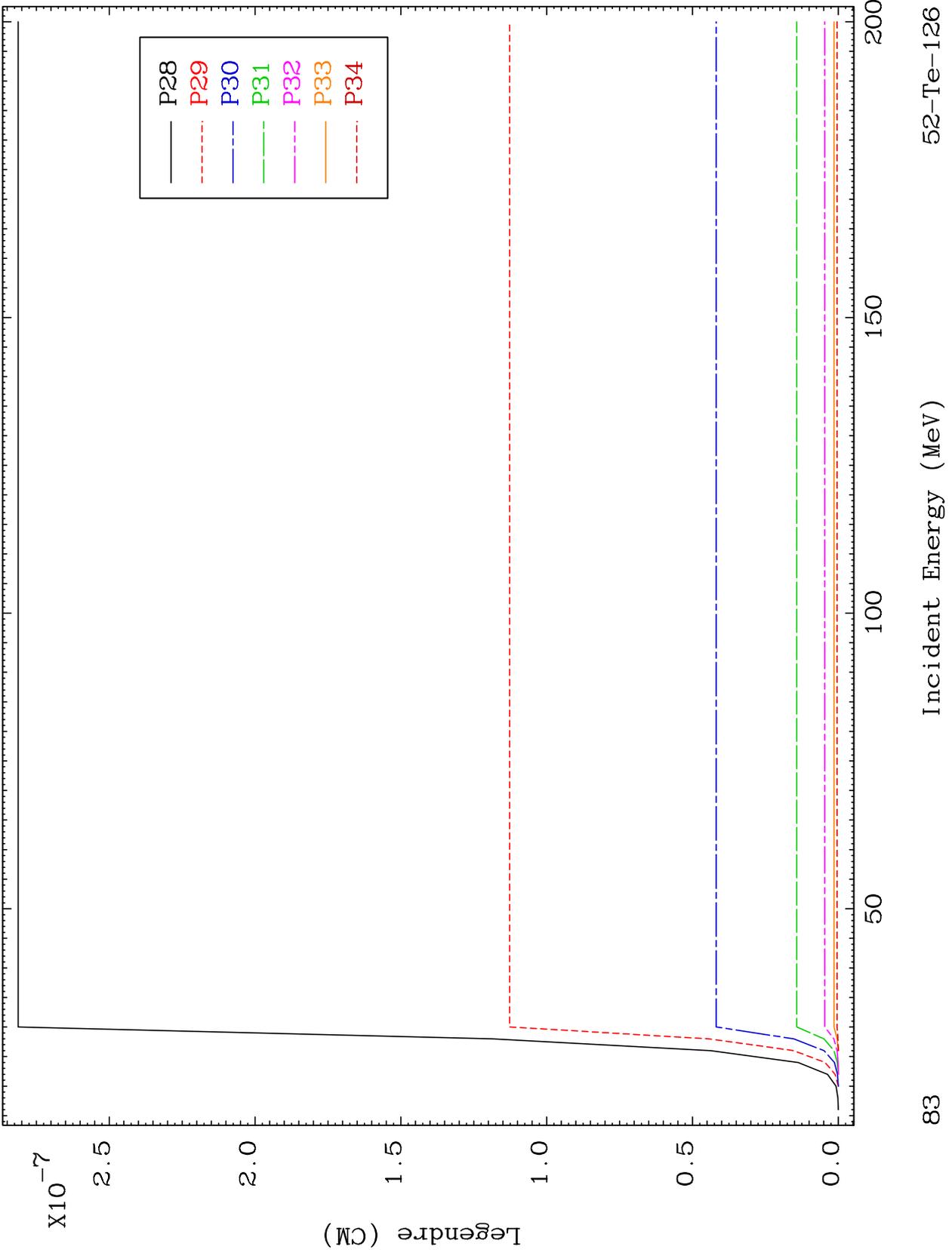
52-Te-126



82

Incident Energy (MeV)

52-Te-126

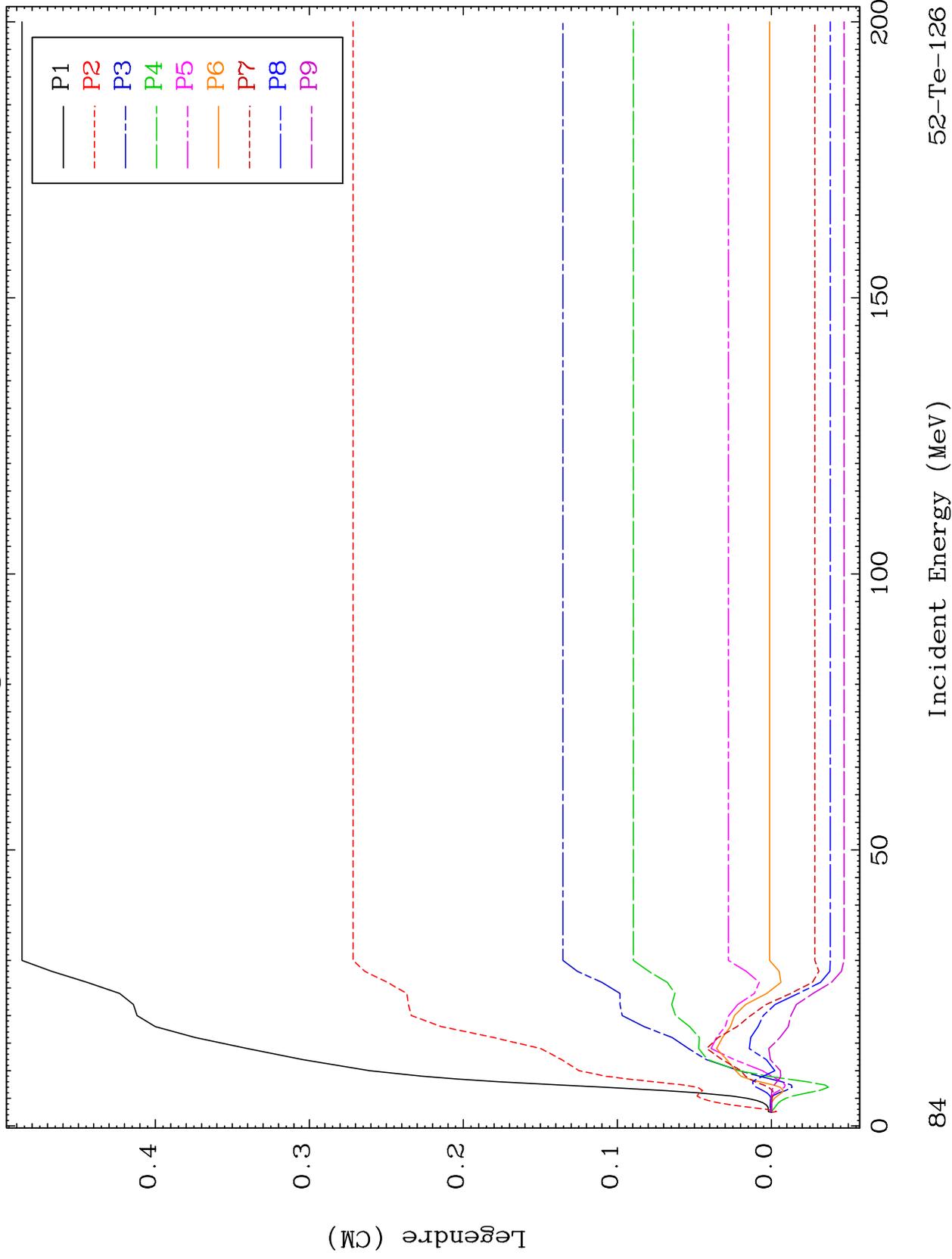


MAT 5243

MT= 68 (n,n') Level

52-Te-126

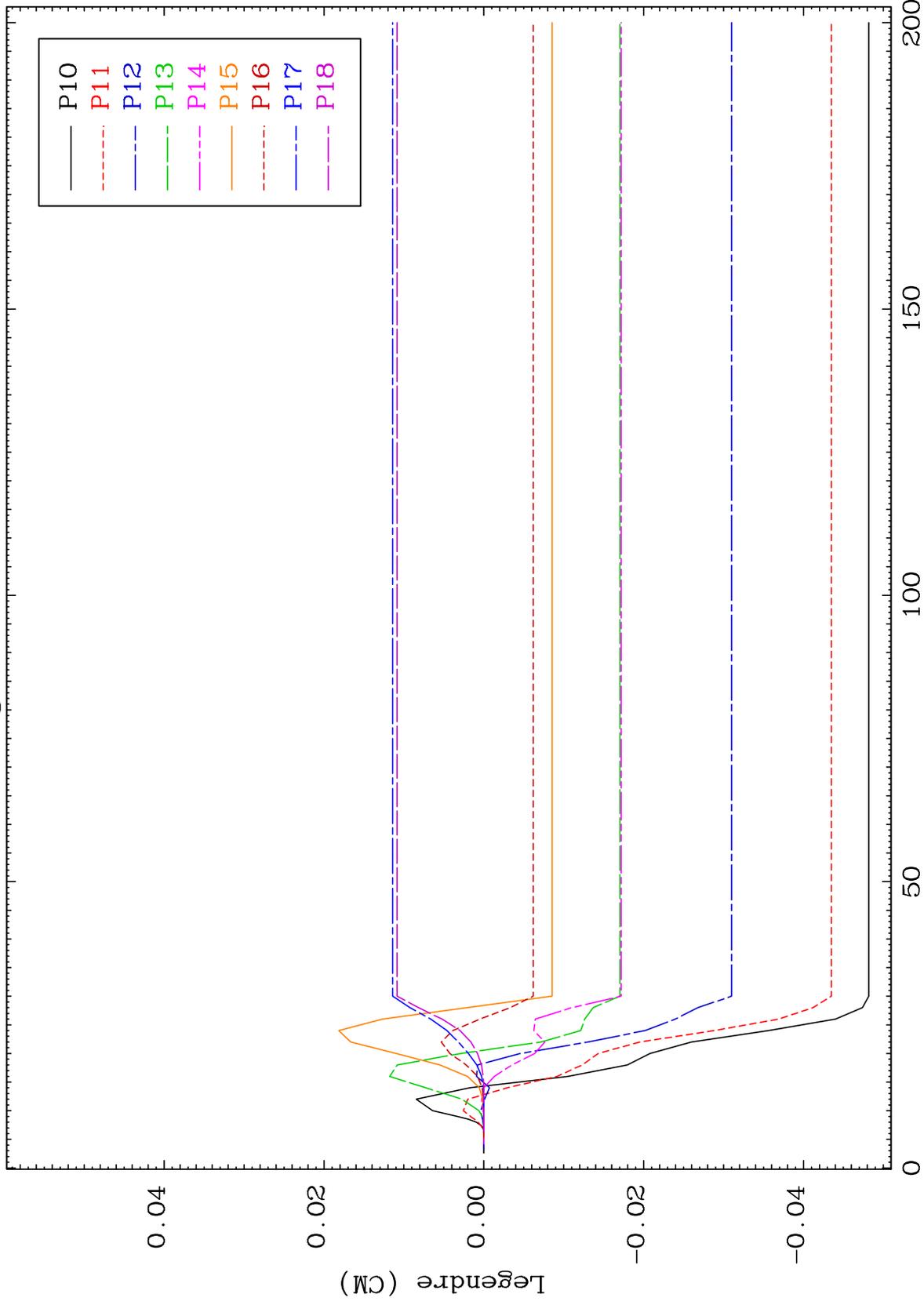
Legendre Coefficients



MAT 5243

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

52-Te-126



85

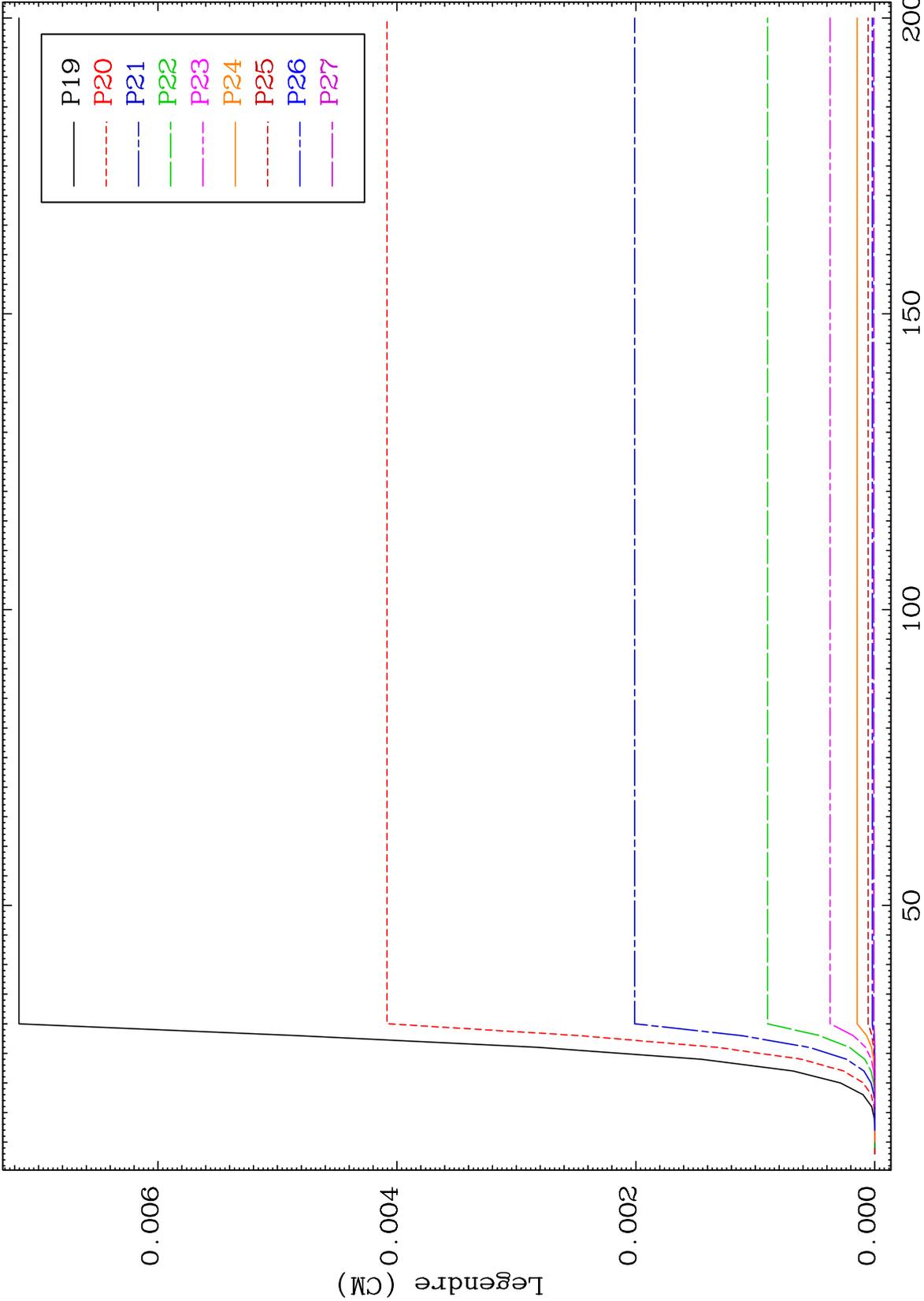
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



86

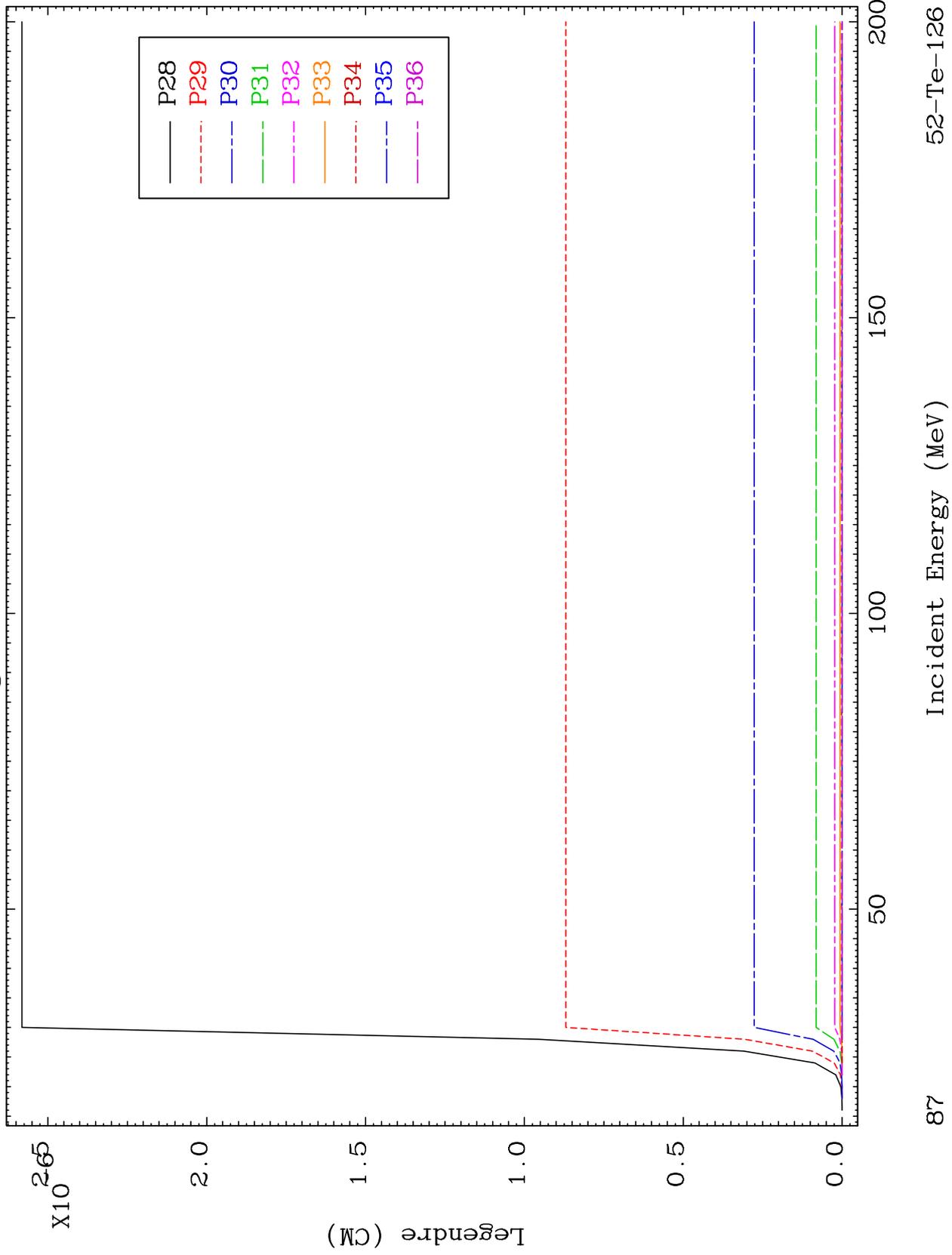
Incident Energy (MeV)

52-Te-126

MAT 5243

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

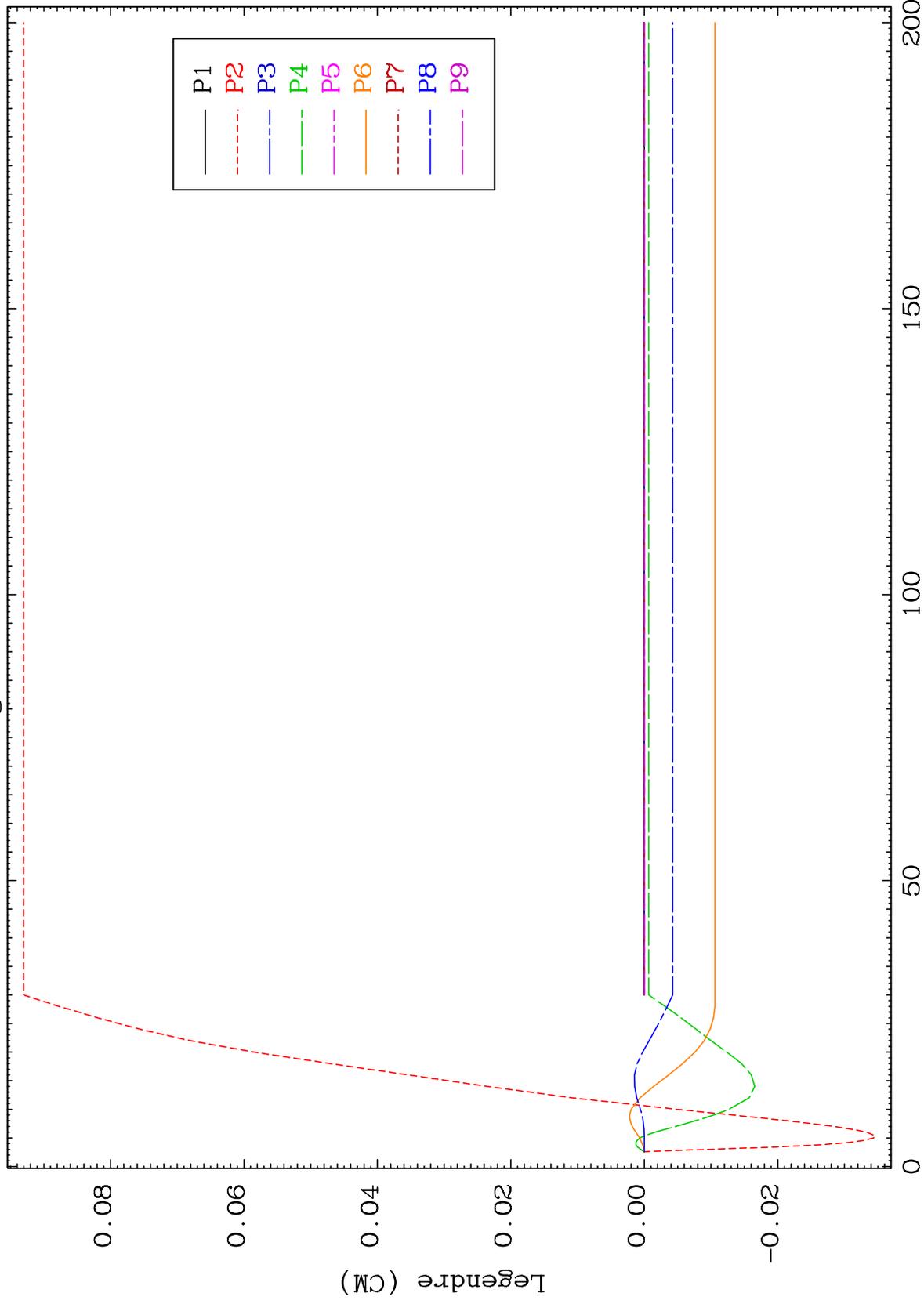
52-Te-126



MAT 5243

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

52-Te-126



88

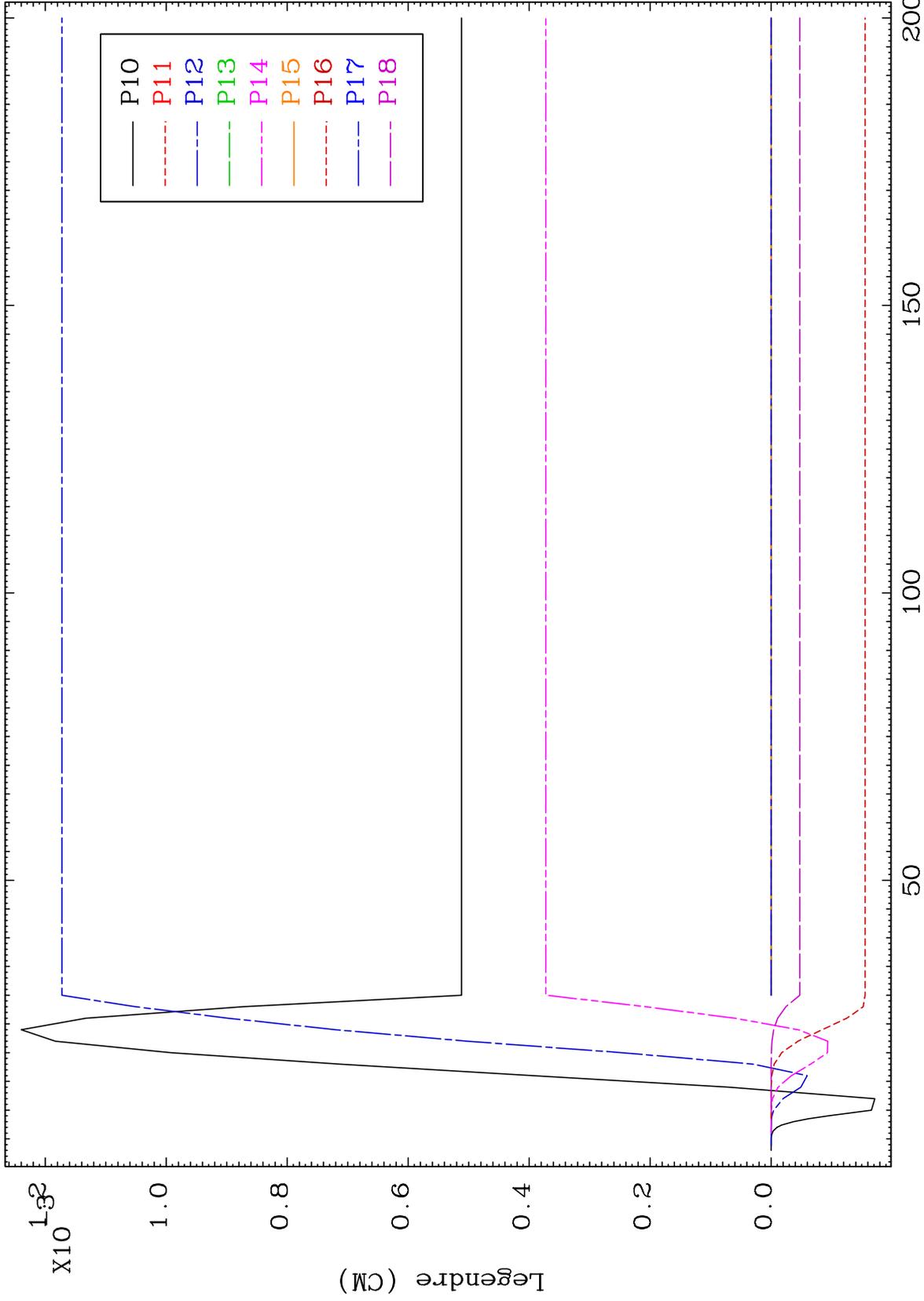
Incident Energy (MeV)

52-Te-126

MAT 5243

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

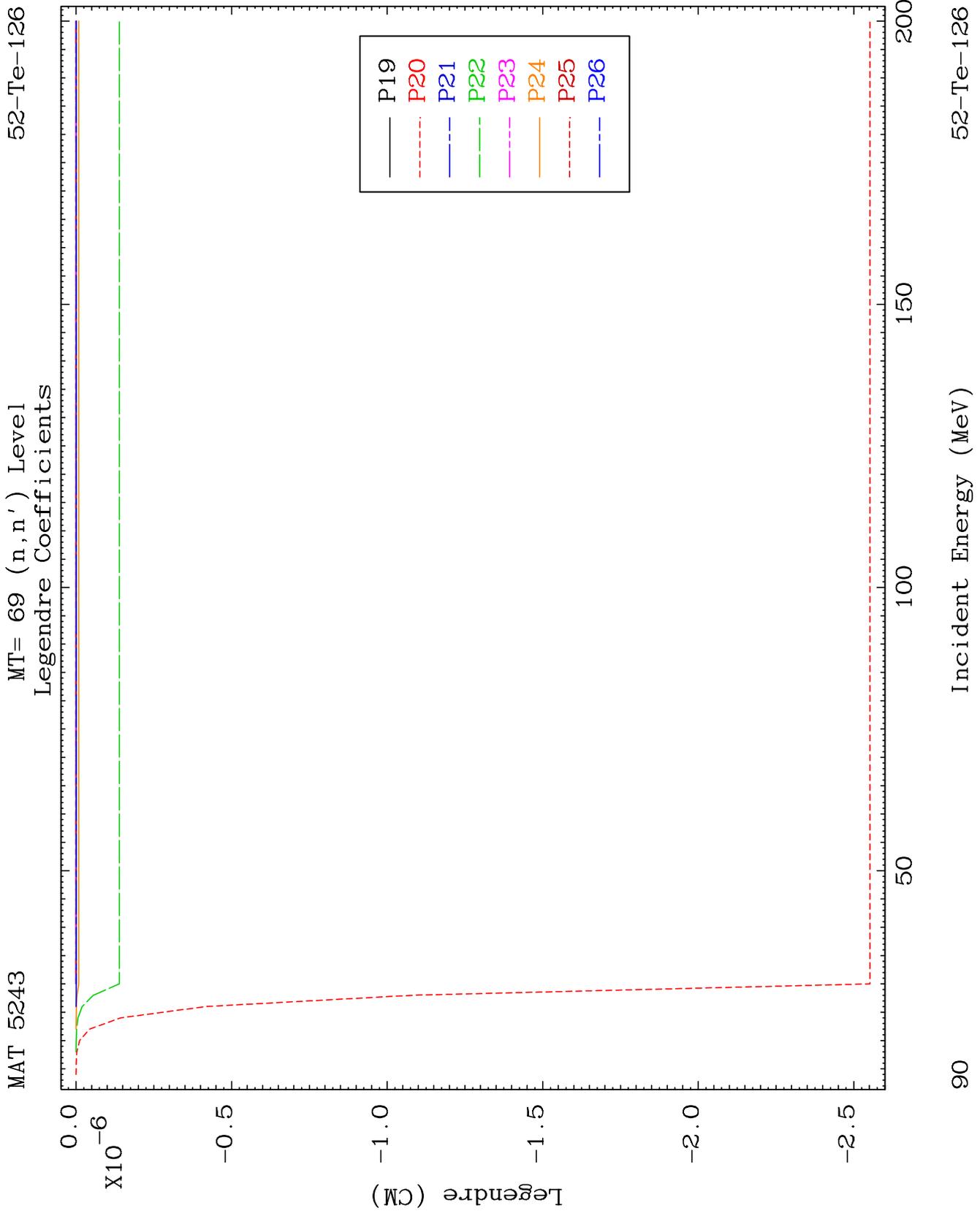
52-Te-126



89

Incident Energy (MeV)

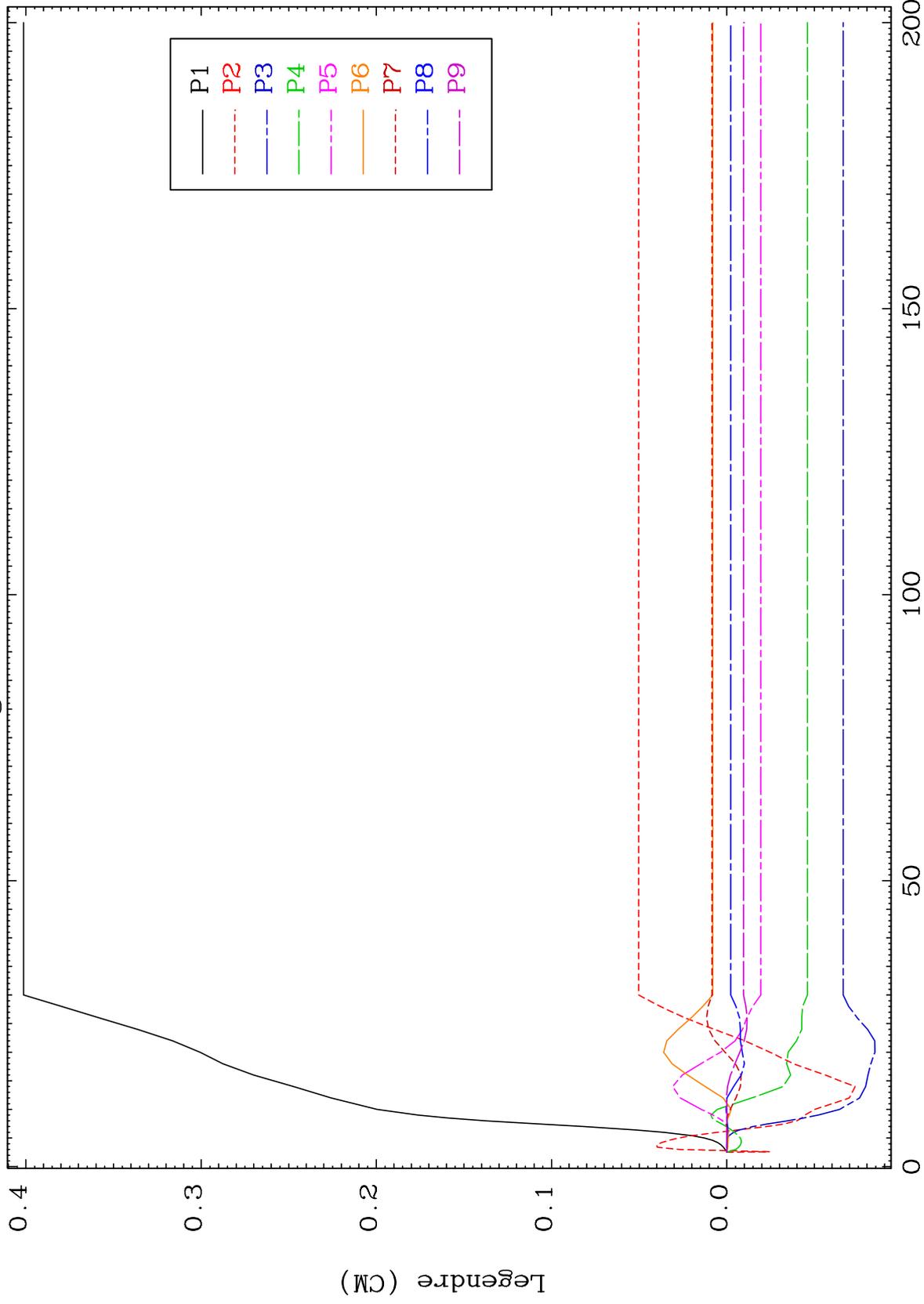
52-Te-126



MAT 5243

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

52-Te-126



91

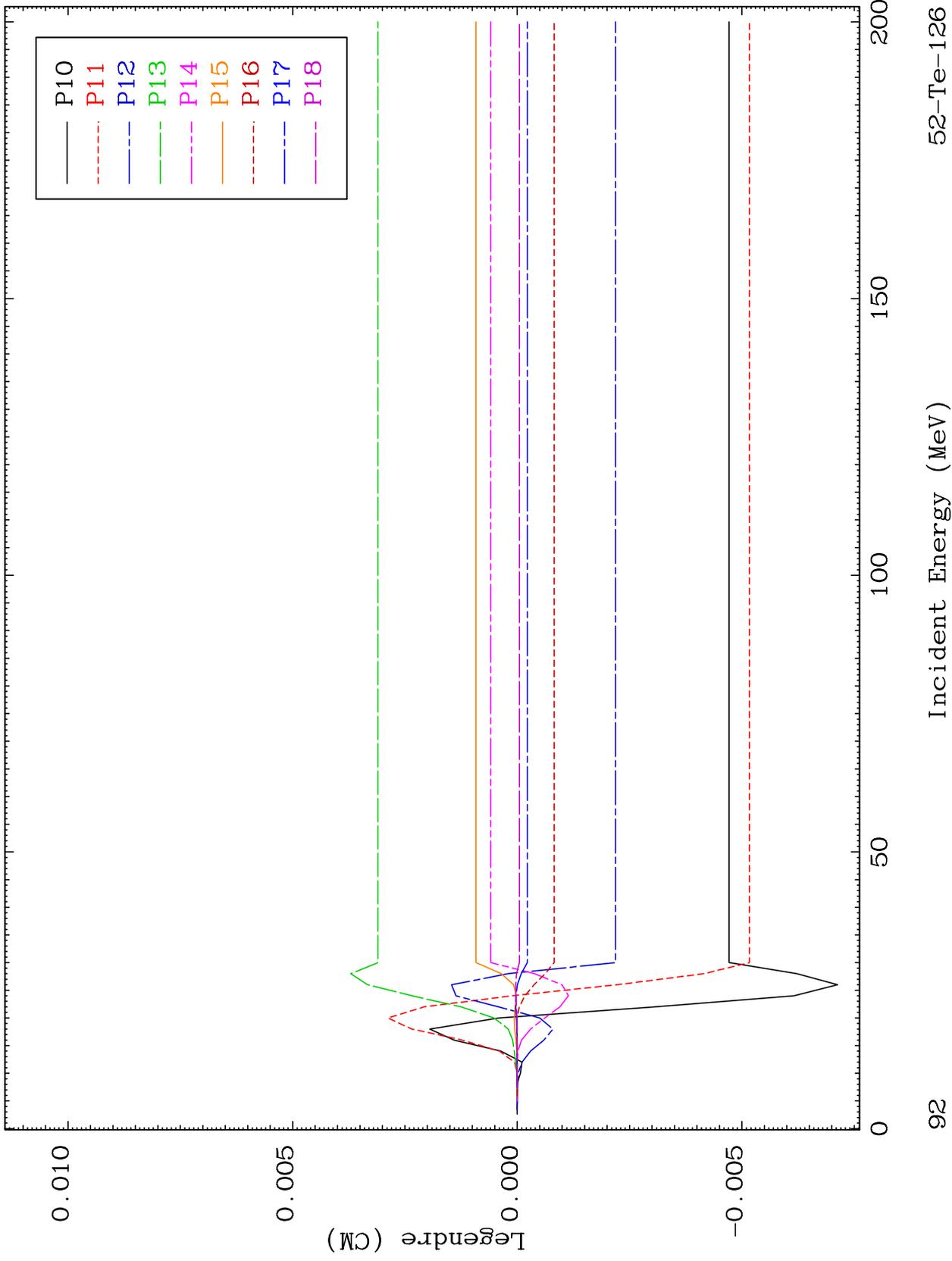
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



92

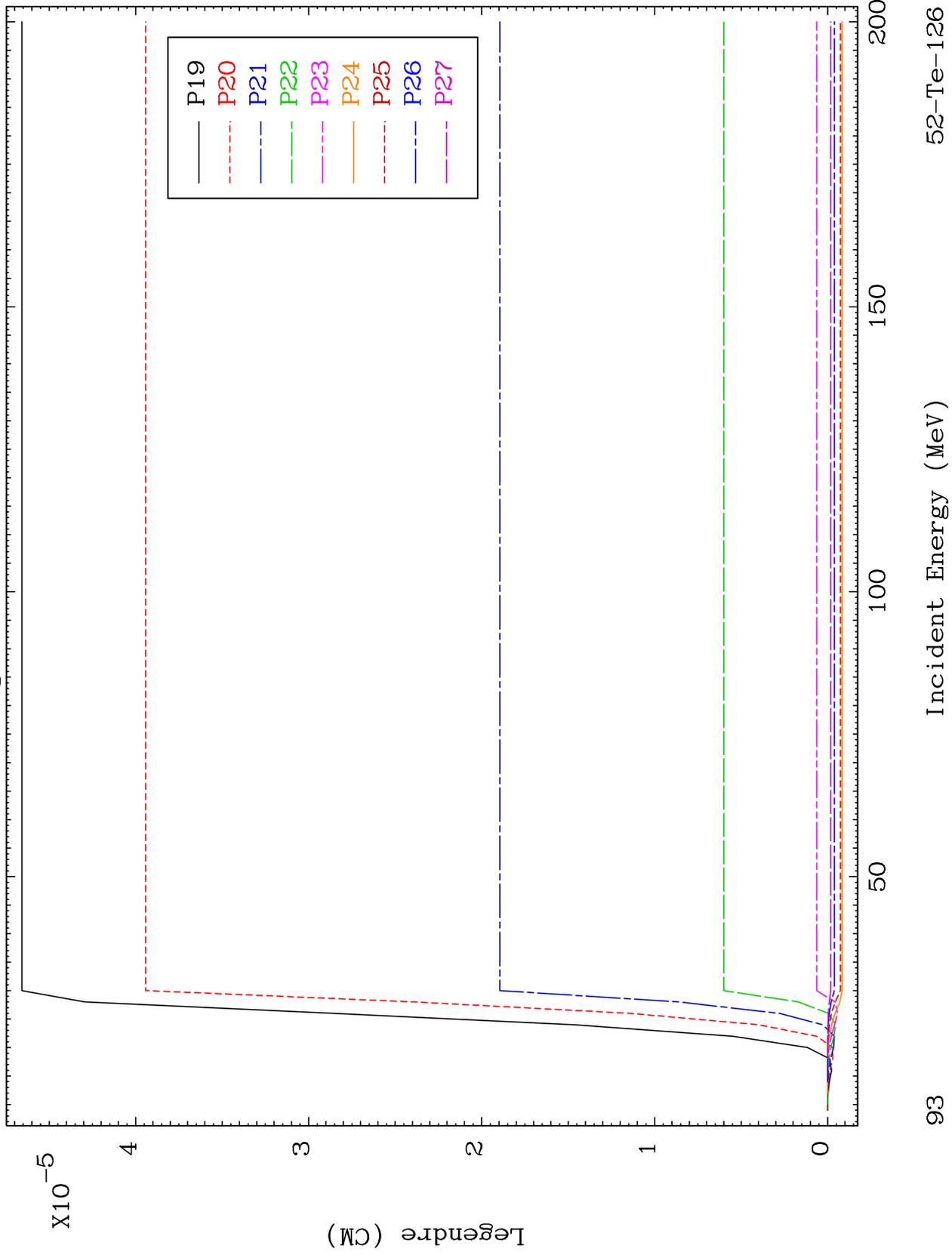
Incident Energy (MeV)

52-Te-126

MAT 5243

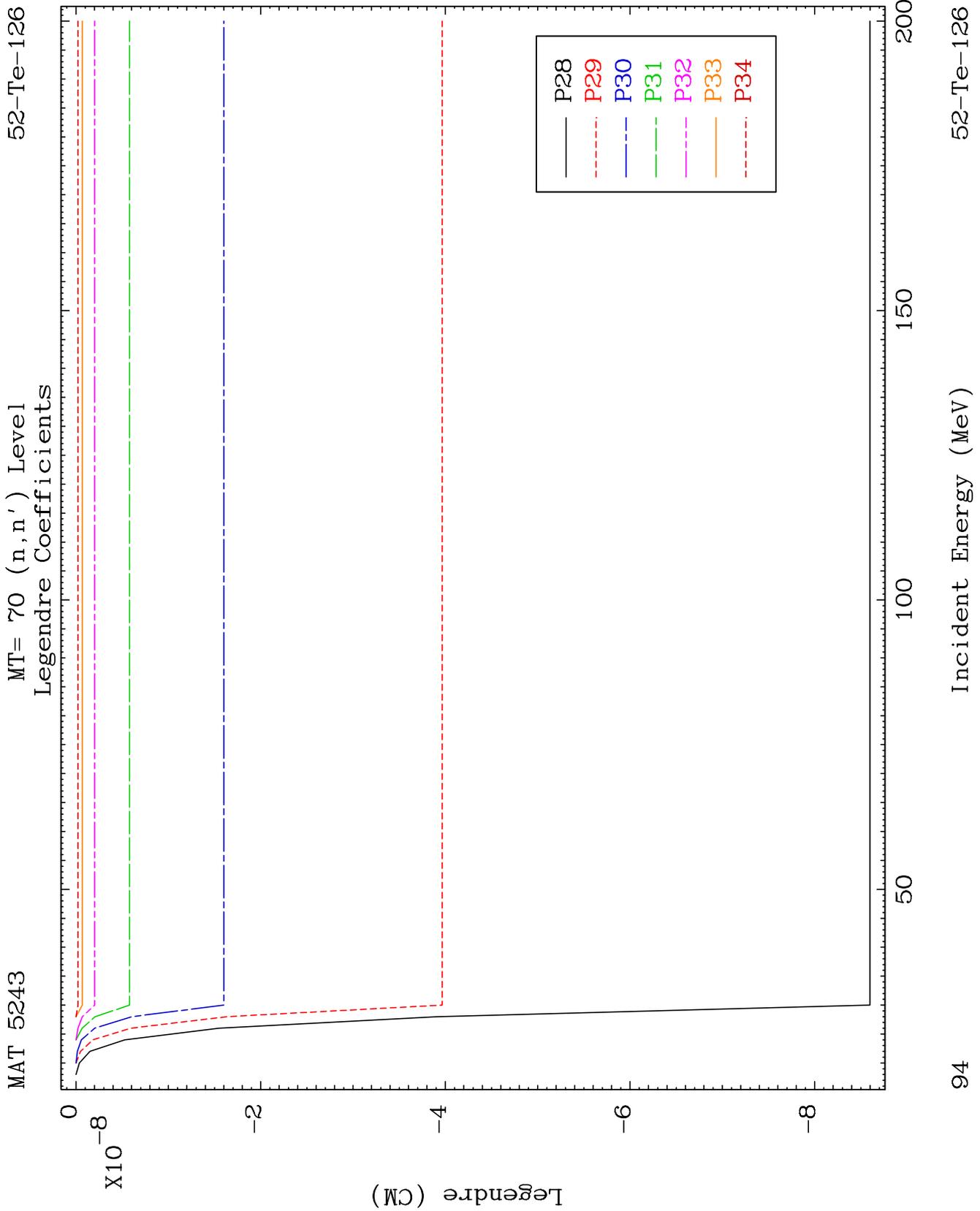
MT= 70 (n,n') Level
Legendre Coefficients

52-Te-126



93

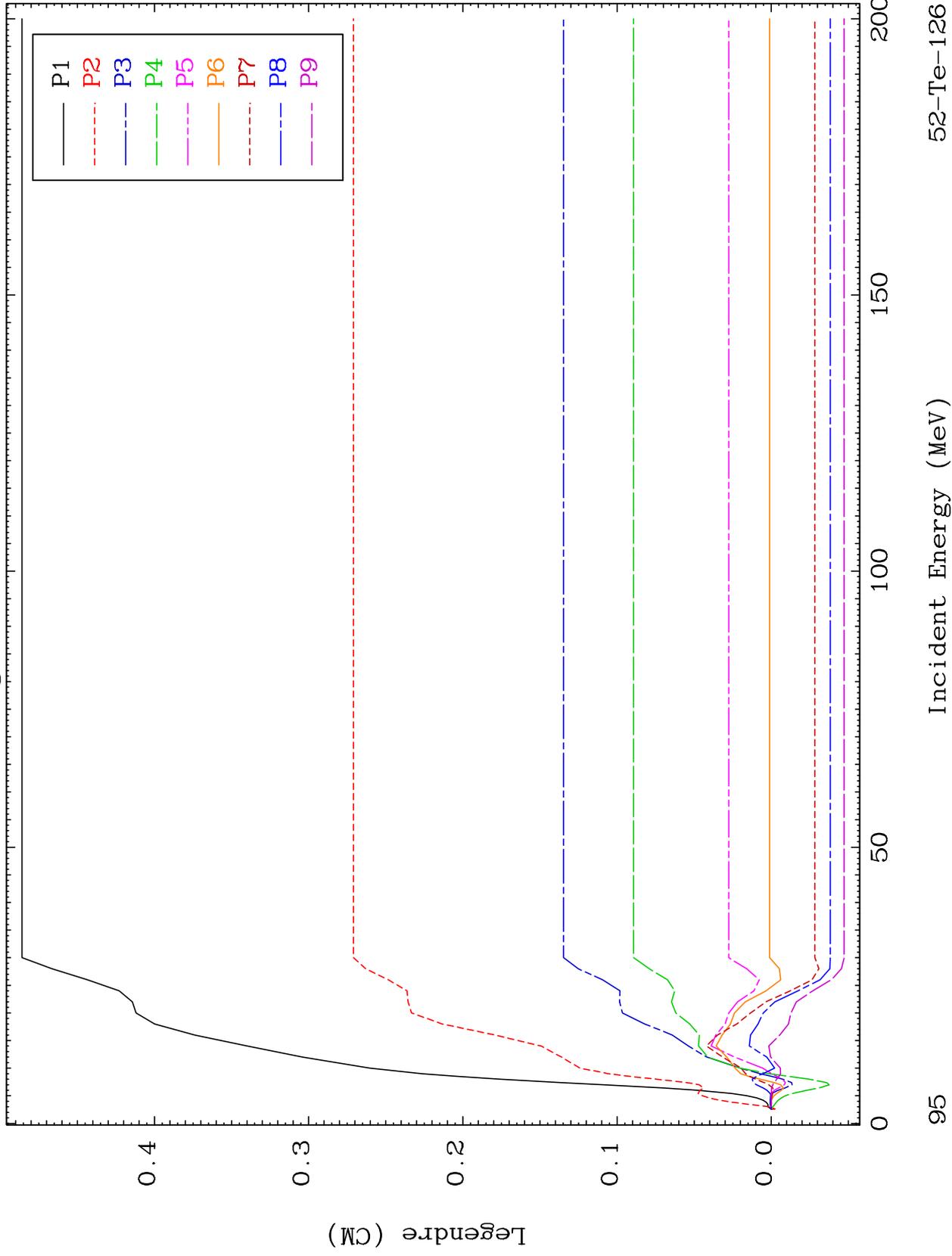
52-Te-126



MAT 5243

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

52-Te-126



52-Te-126

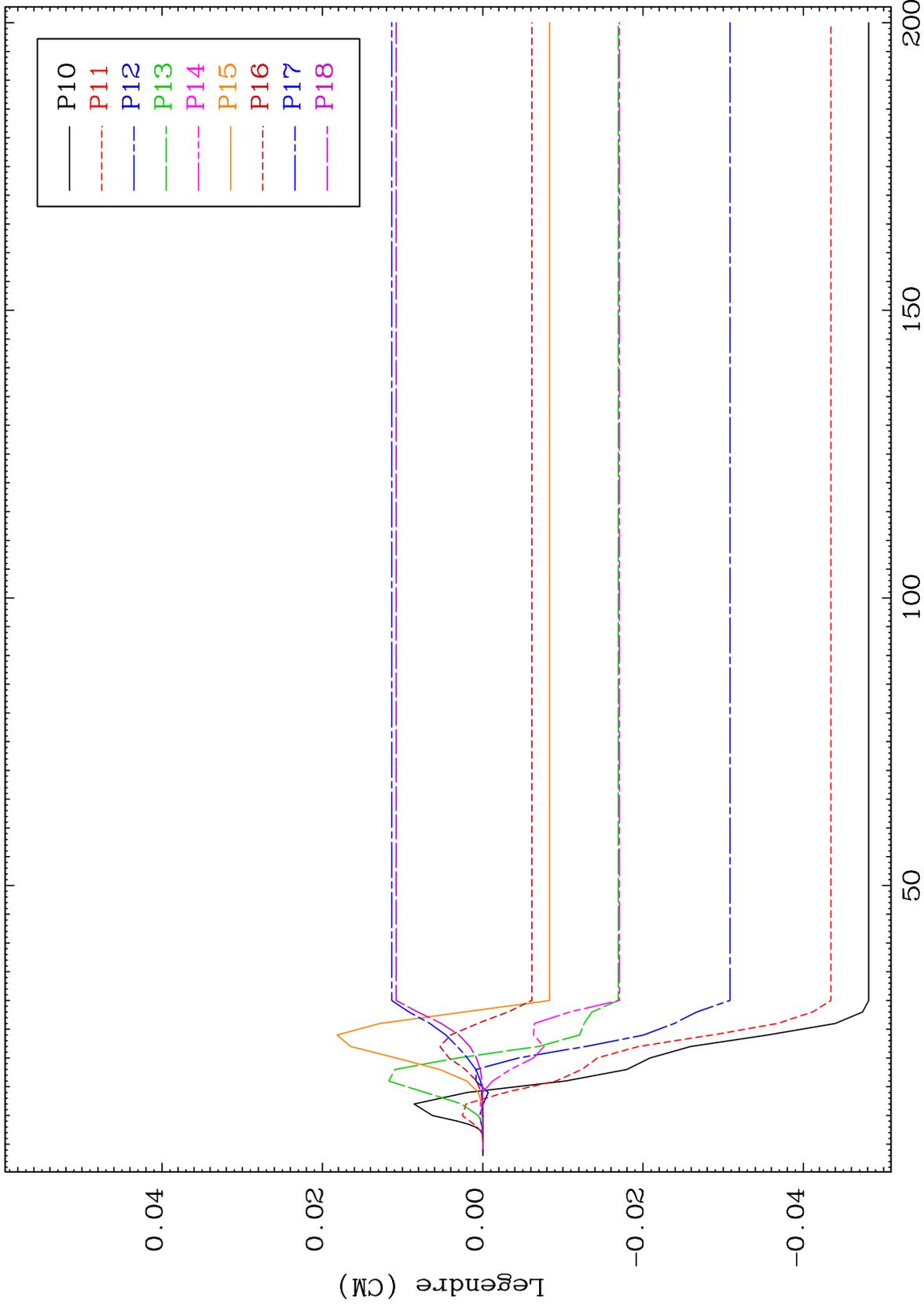
Incident Energy (MeV)

95

MAT 5243

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

52-Te-126



96

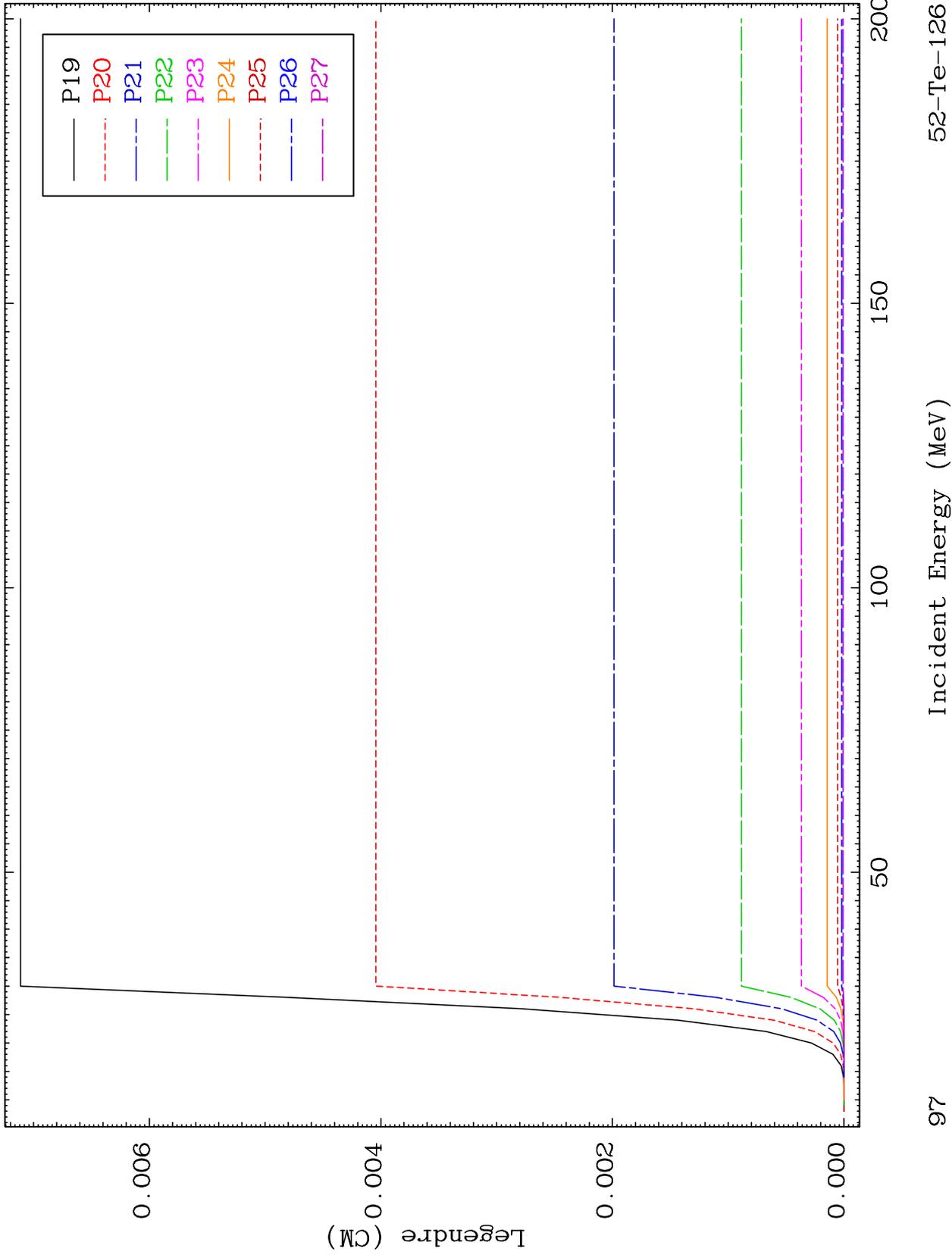
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



97

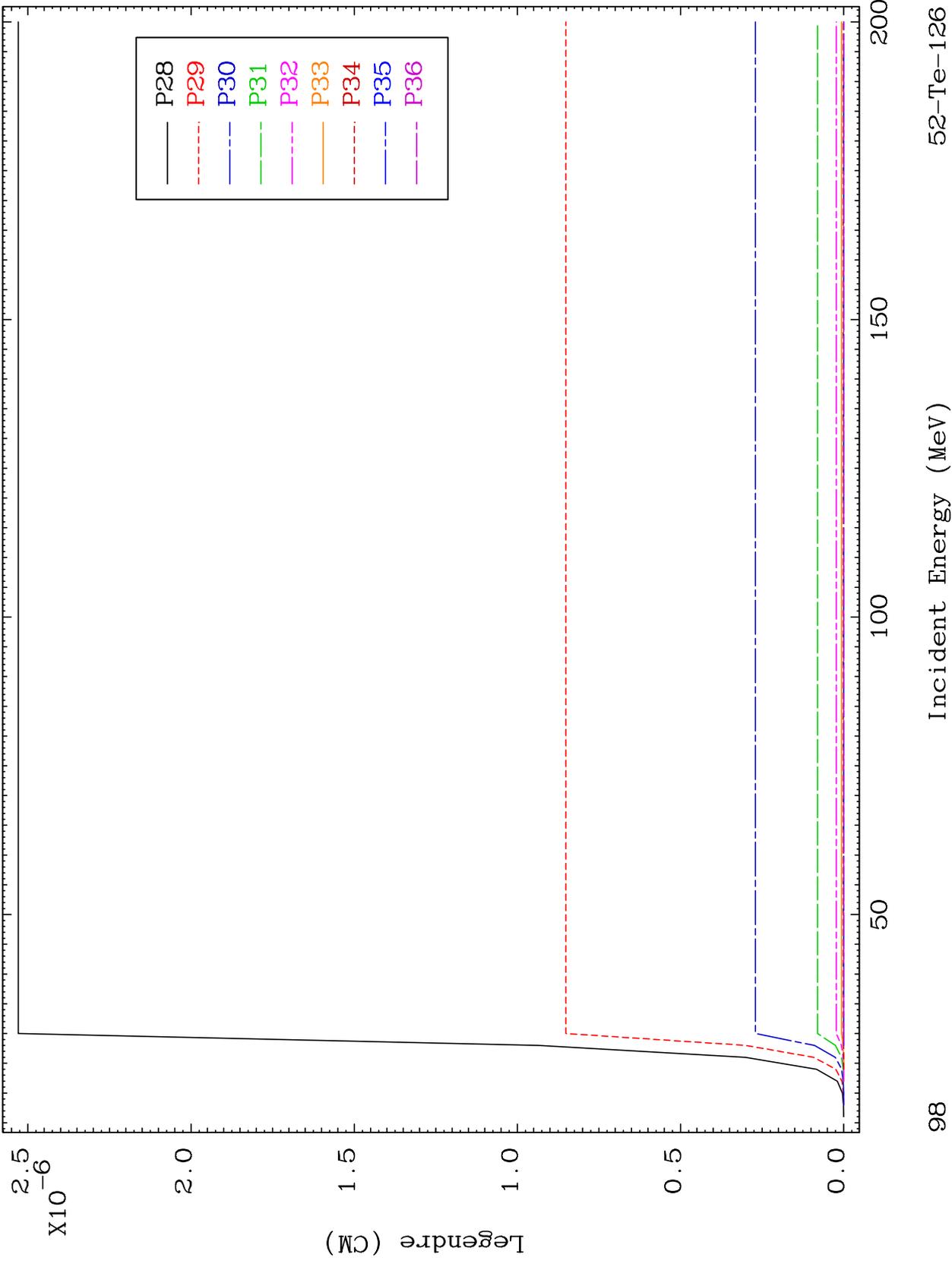
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



98

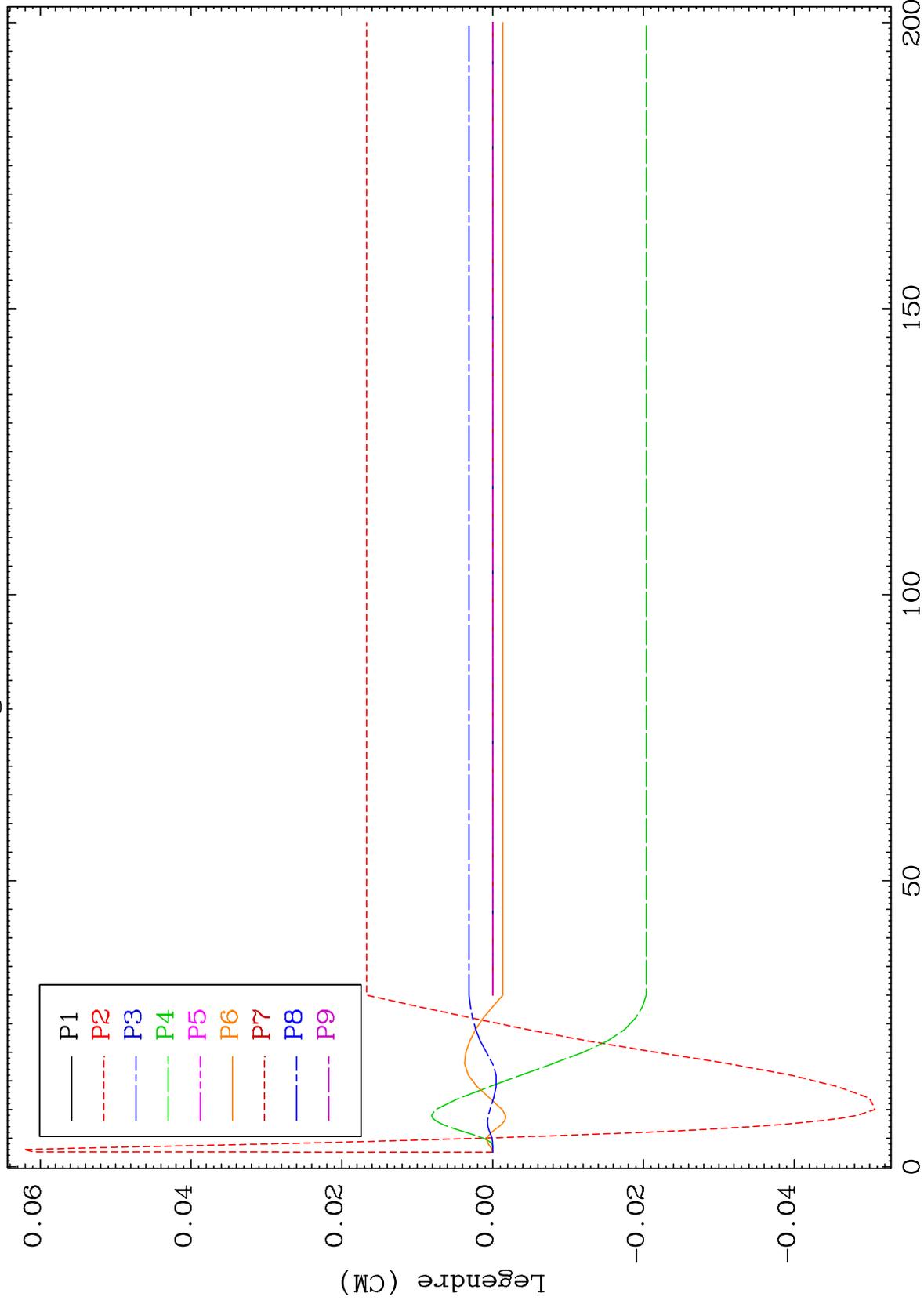
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



99

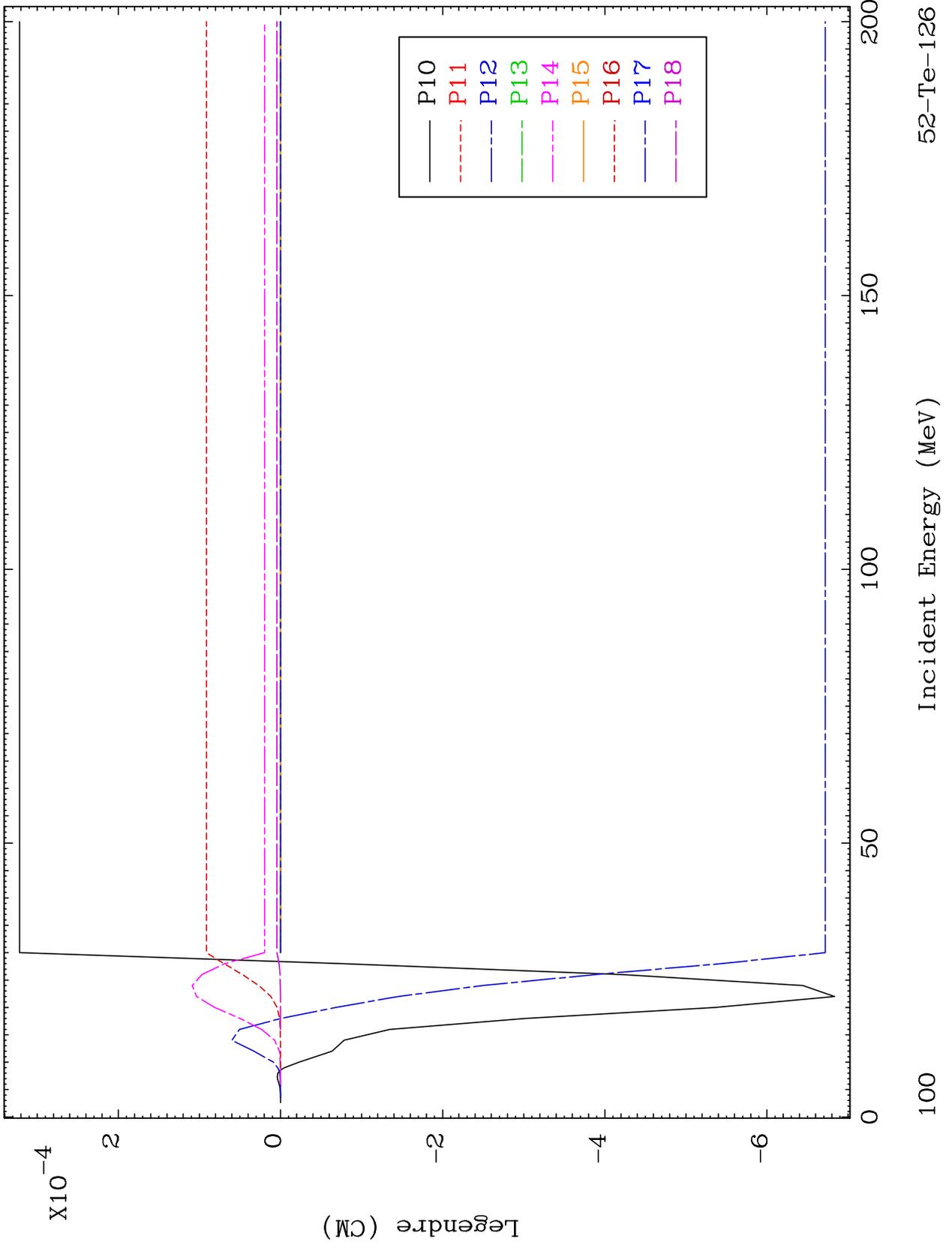
Incident Energy (MeV)

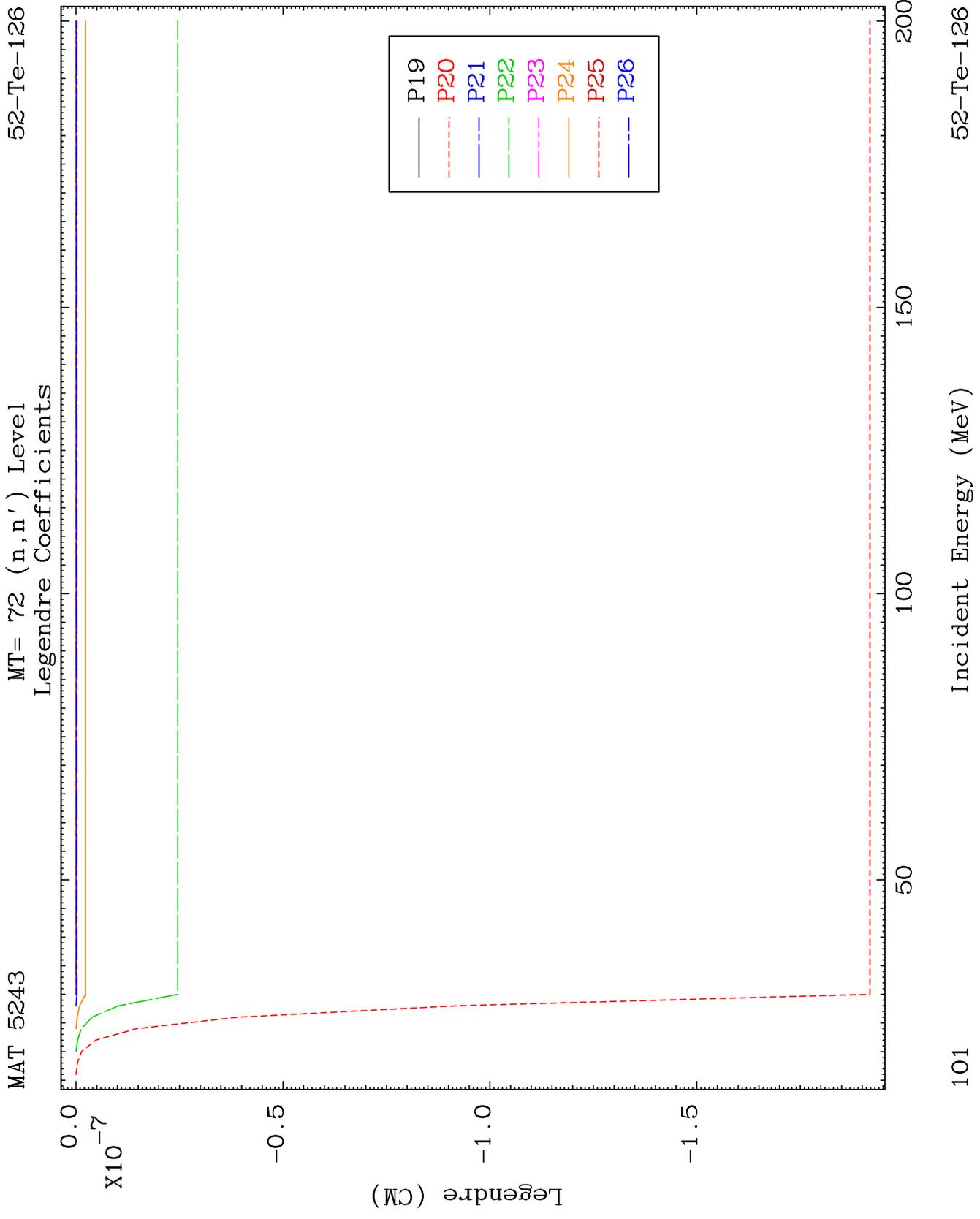
52-Te-126

MAT 5243

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

52-Te-126

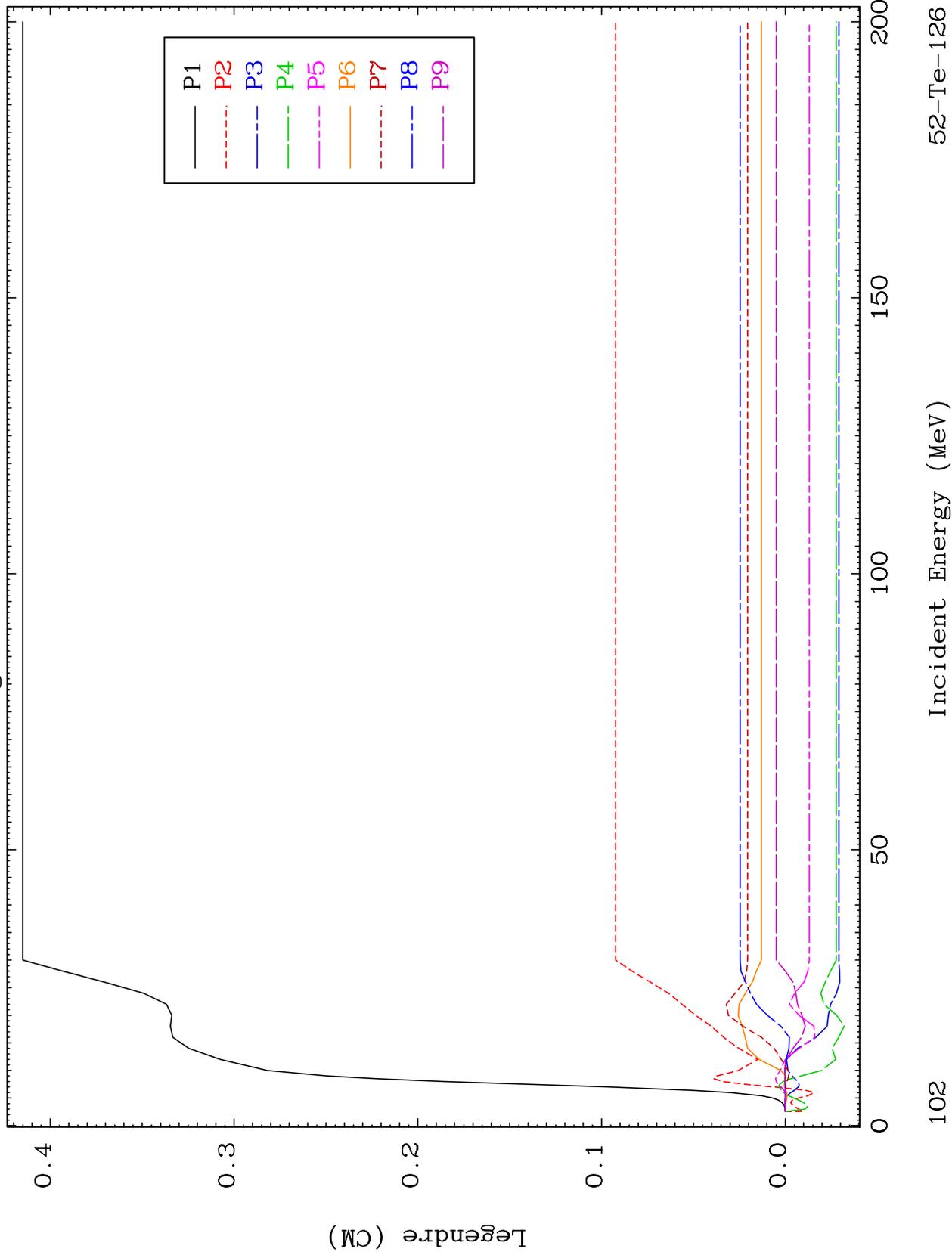




MAT 5243

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

52-Te-126



52-Te-126

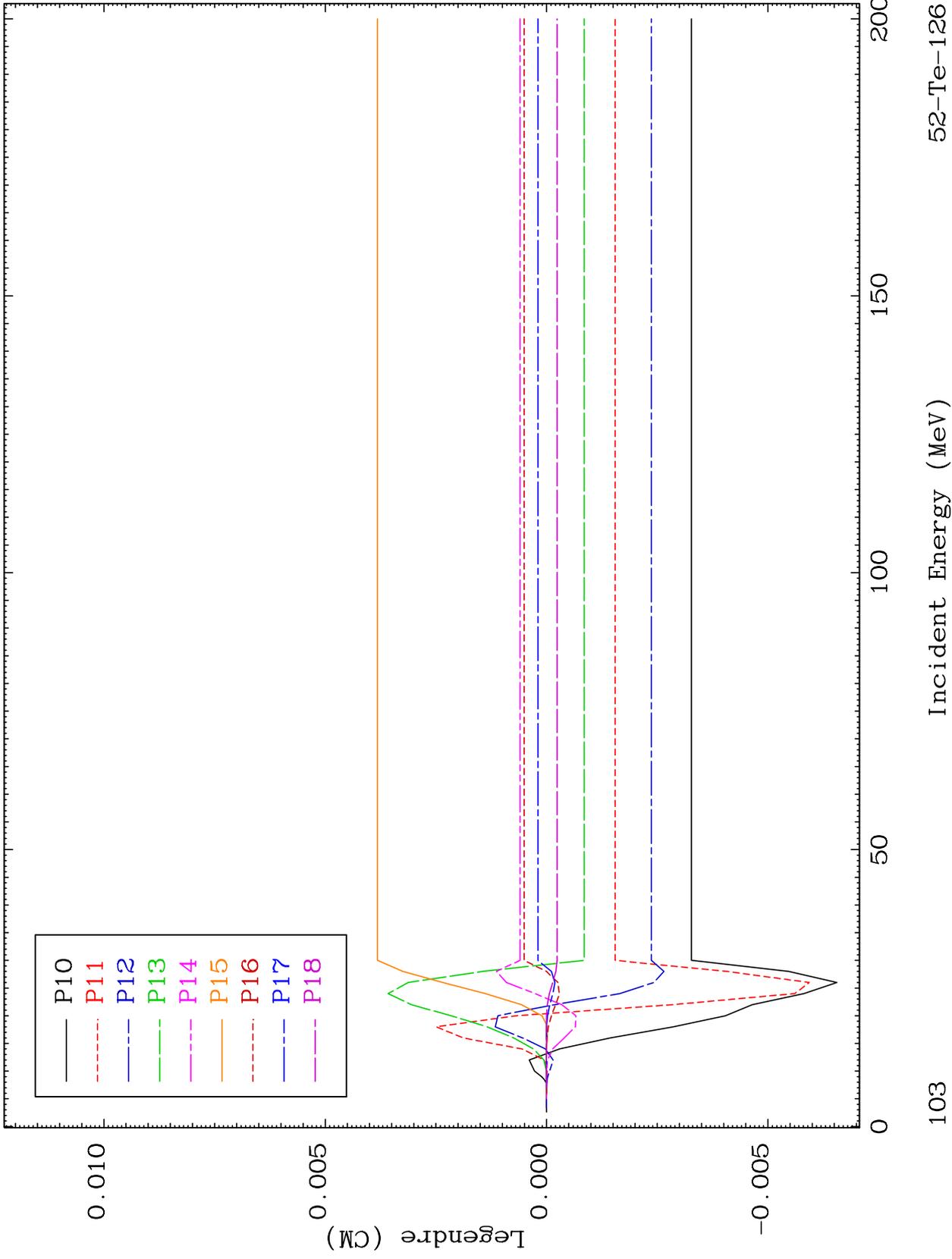
Incident Energy (MeV)

102

MAT 5243

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

52-Te-126



103

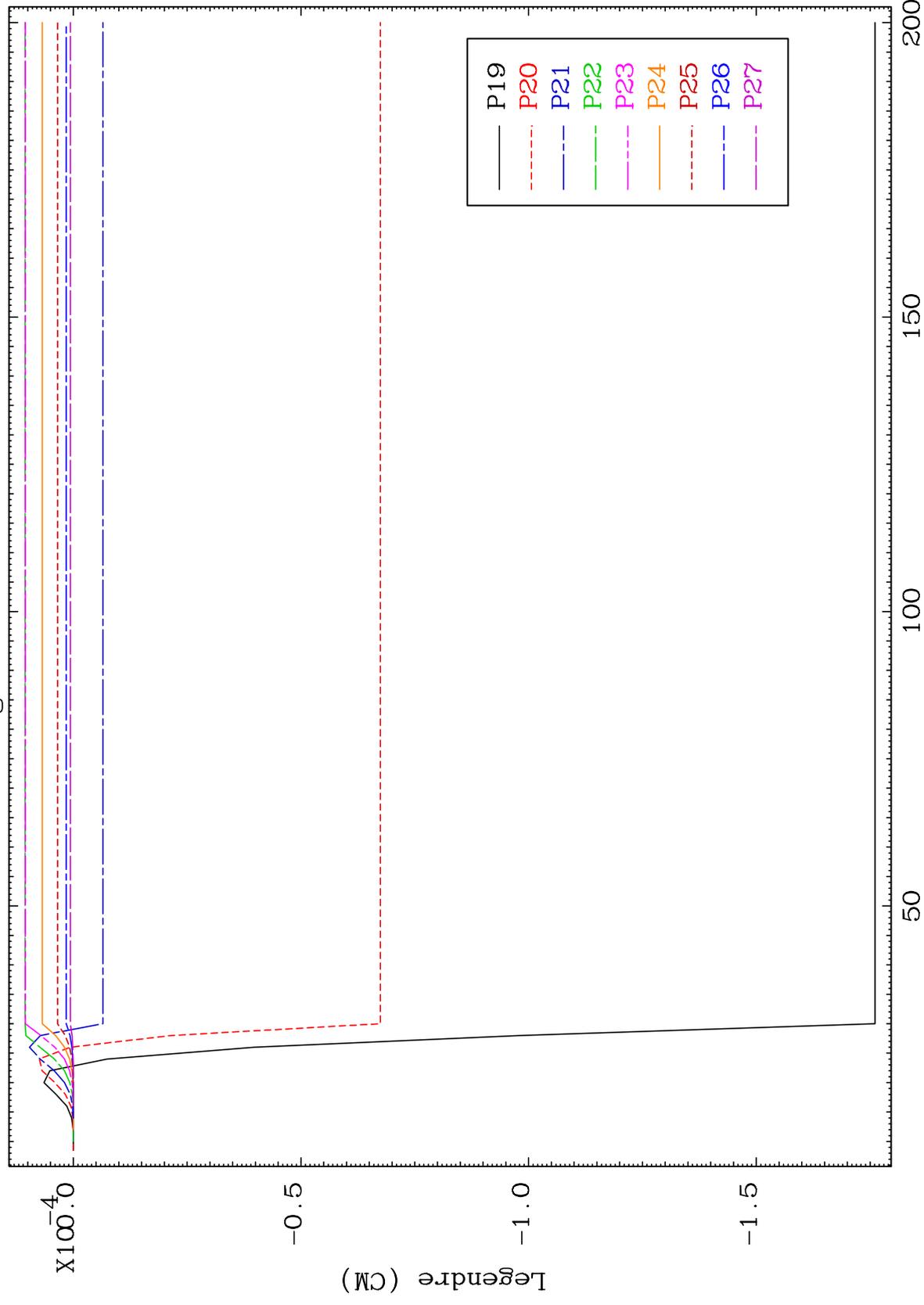
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



104

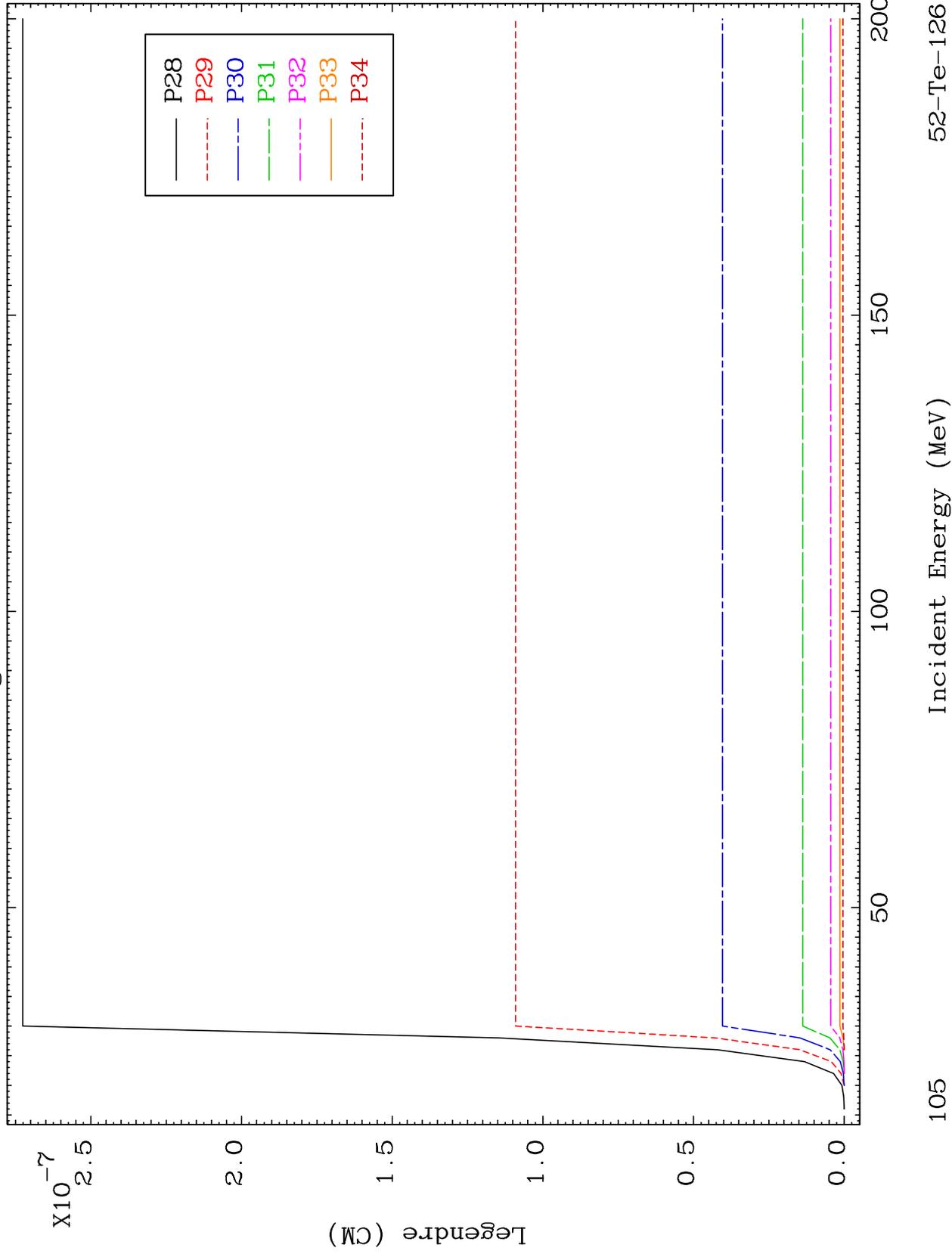
Incident Energy (MeV)

52-Te-126

MAT 5243

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

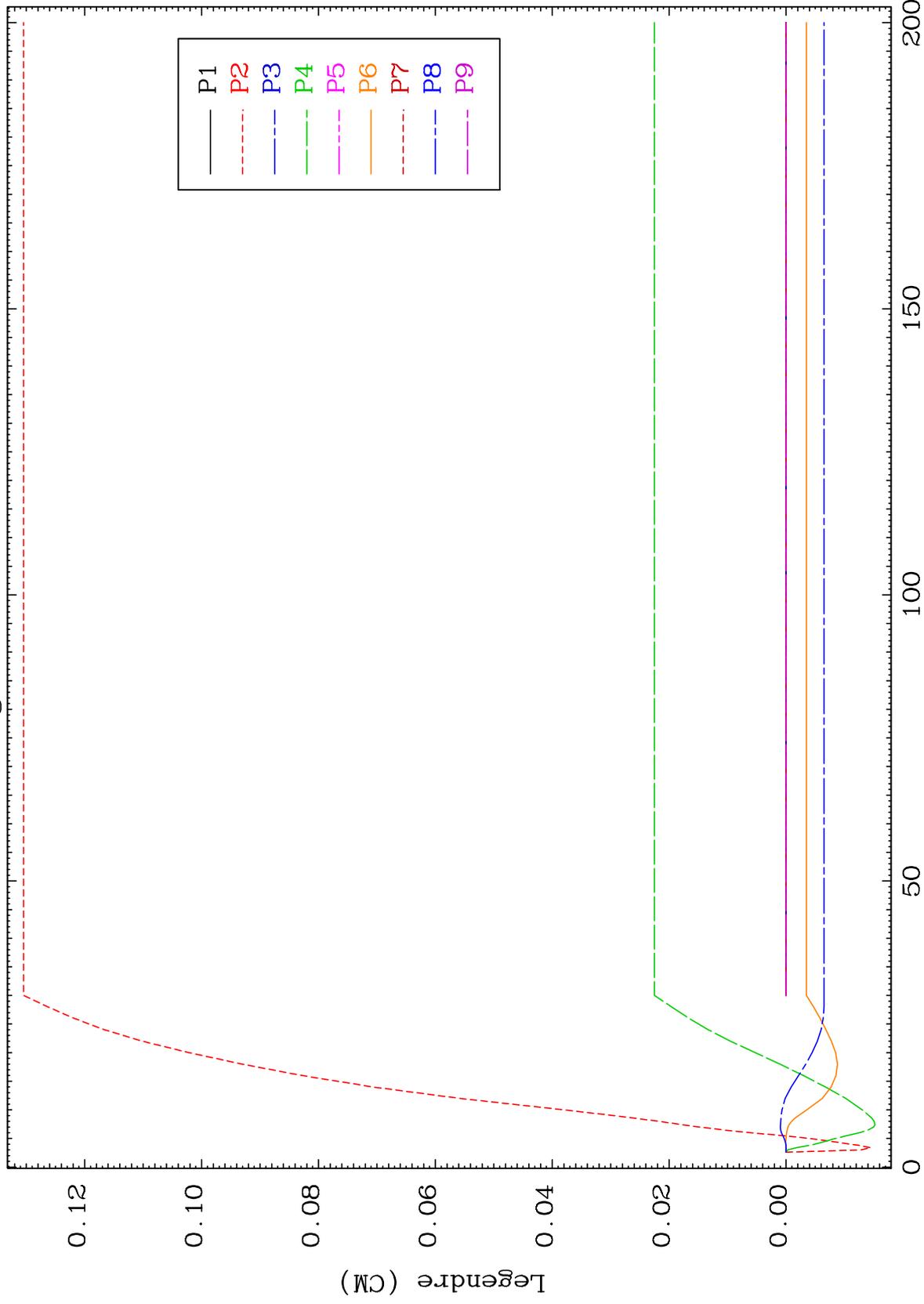
52-Te-126



MAT 5243

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

52-Te-126



52-Te-126

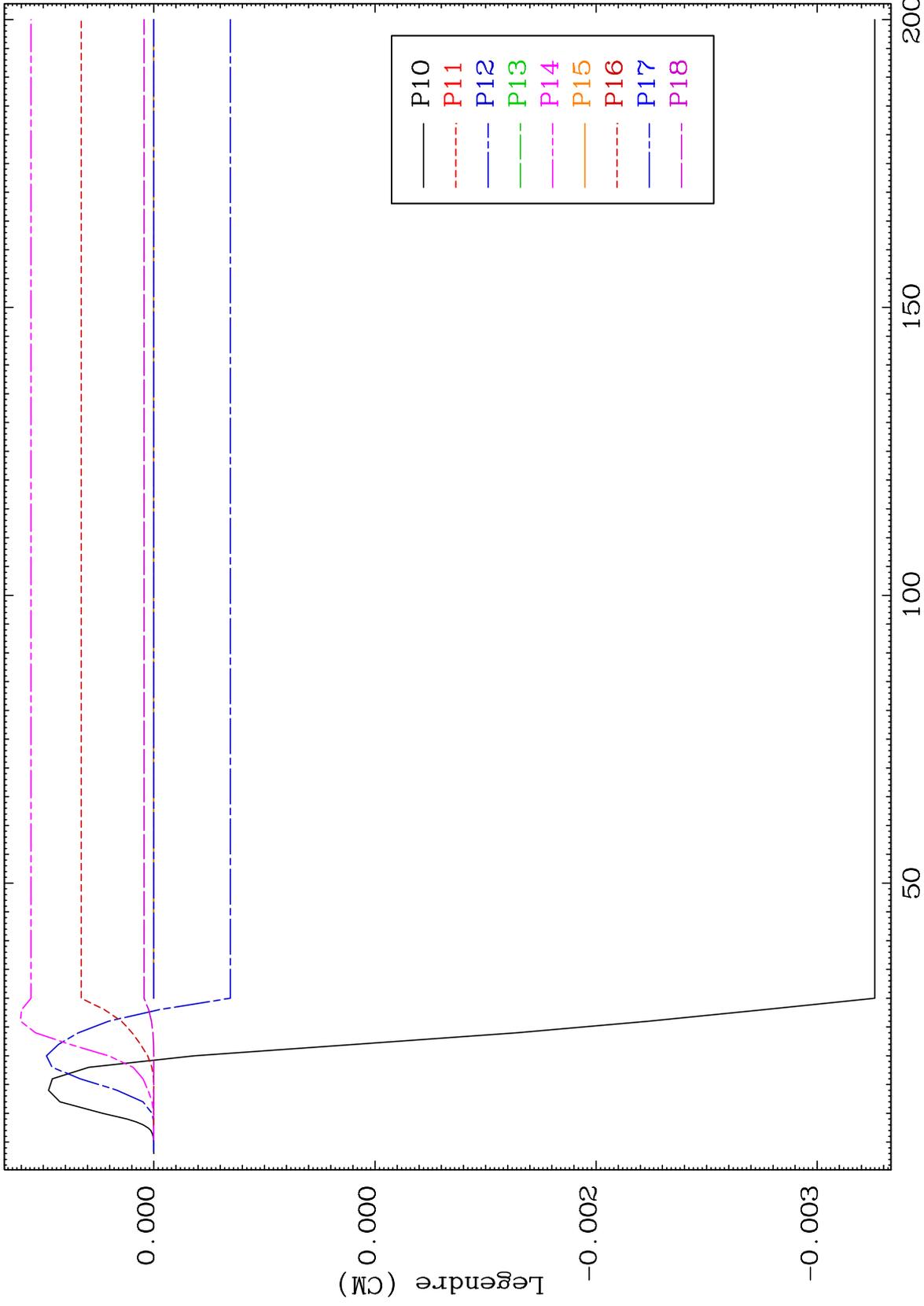
Incident Energy (MeV)

106

MAT 5243

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

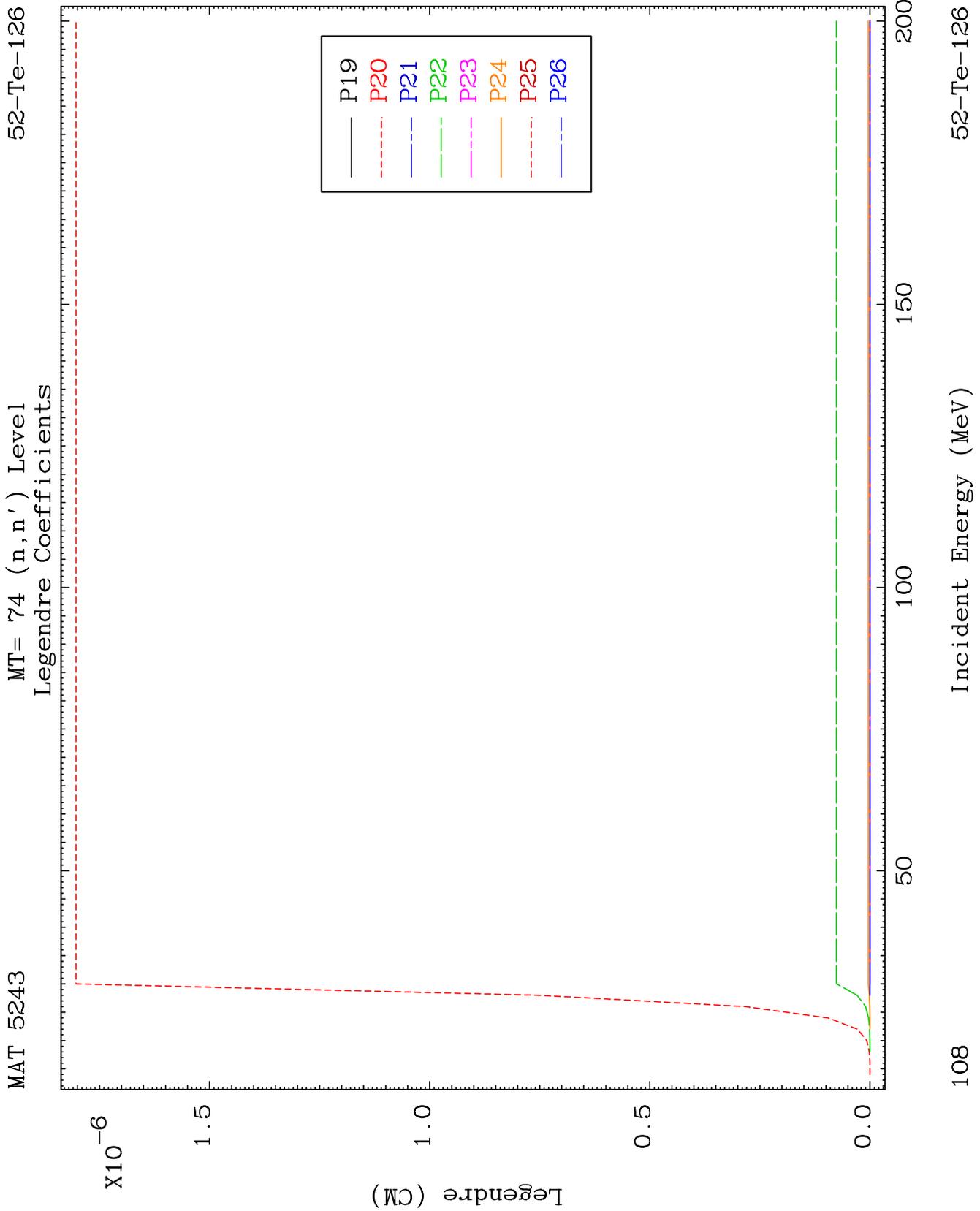
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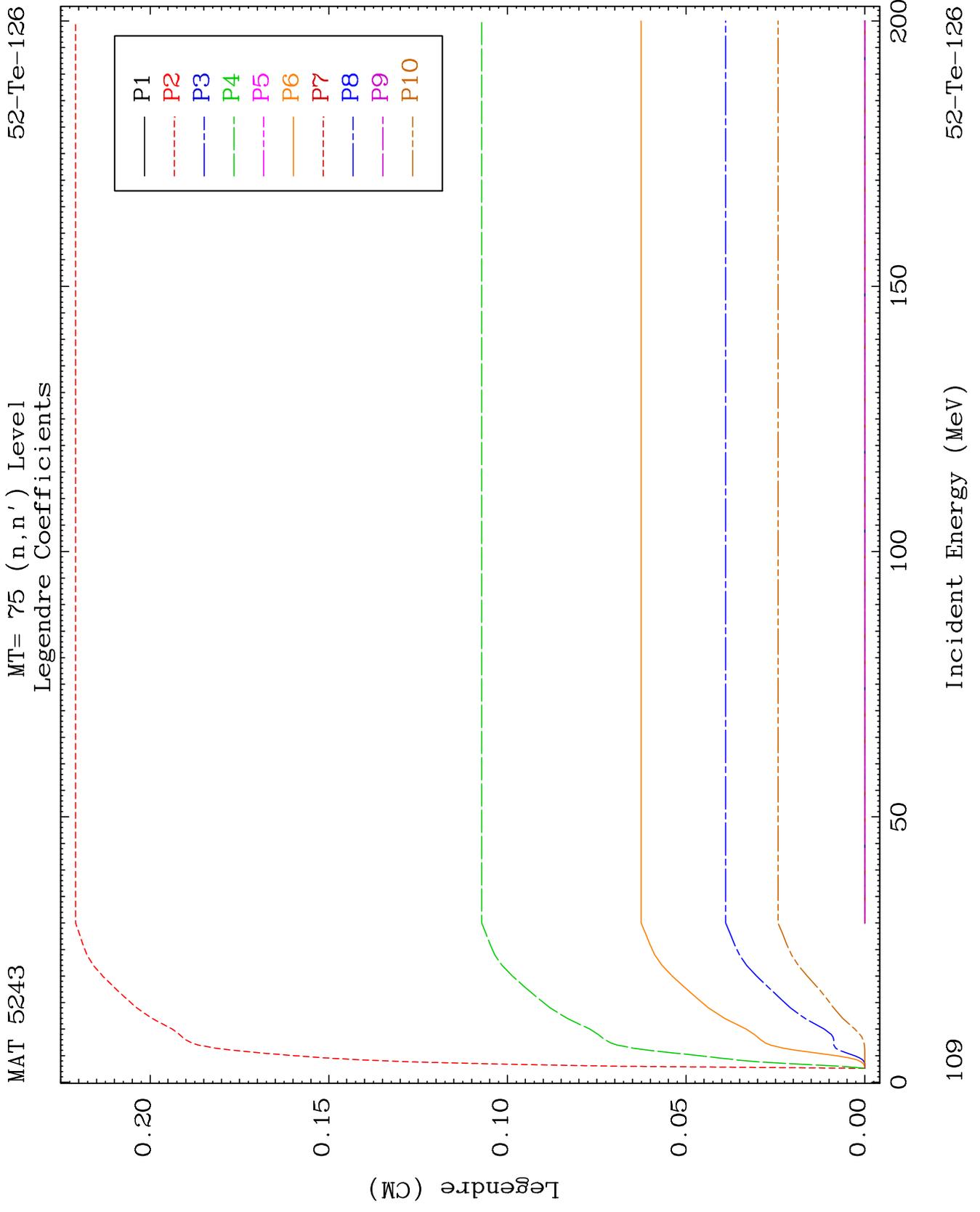


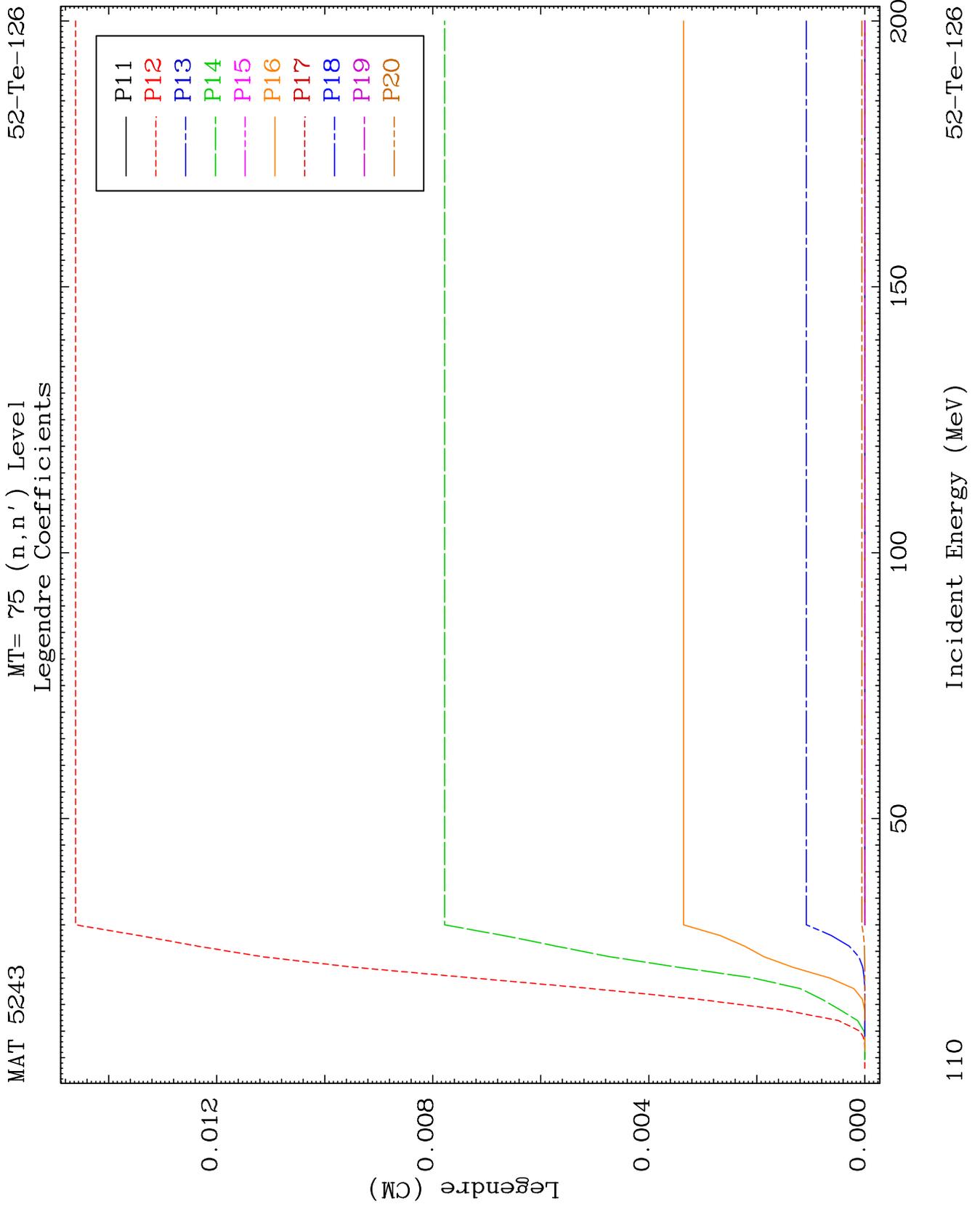
107

Incident Energy (MeV)

52-Te-126



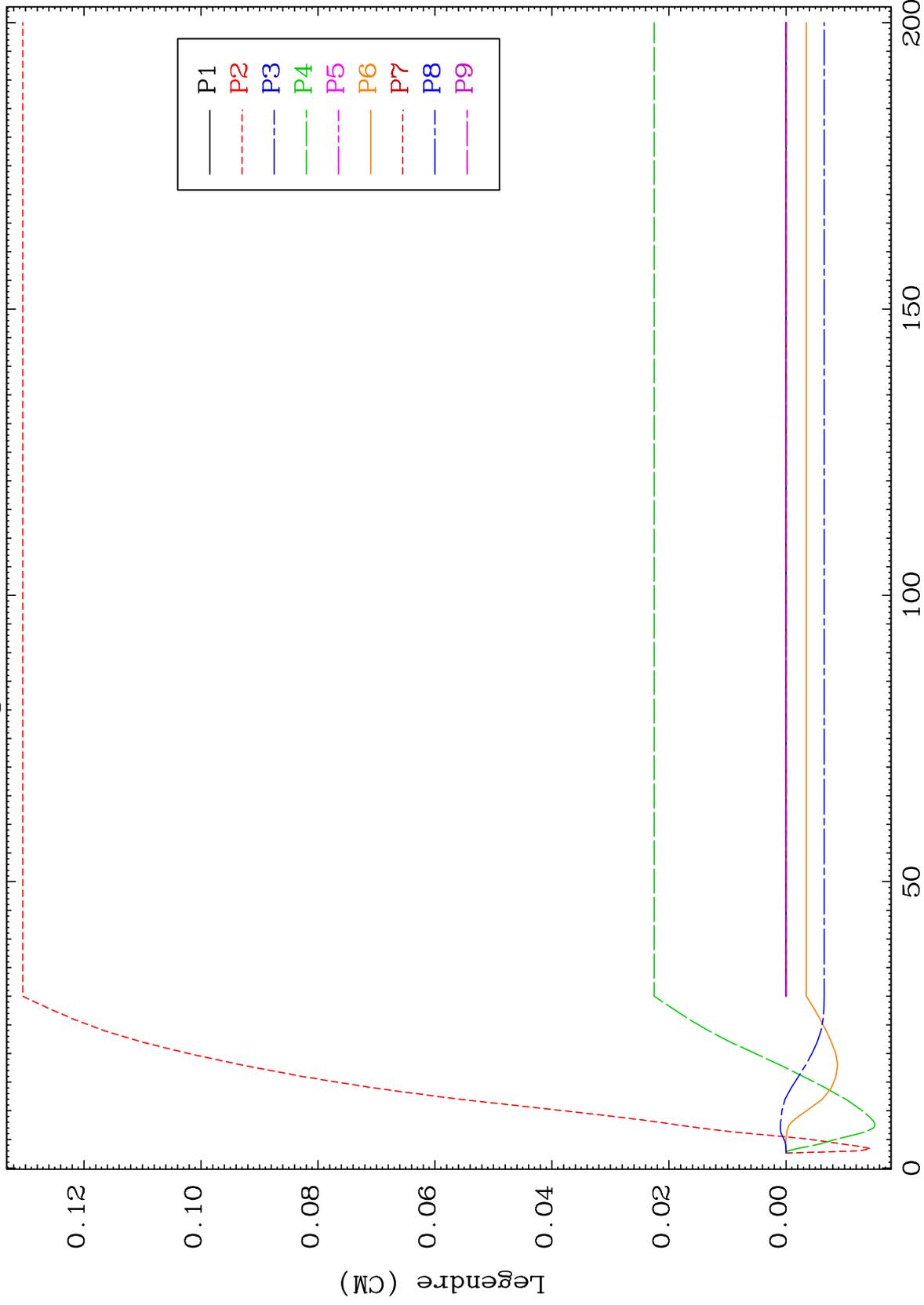




MAT 5243

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

52-Te-126



52-Te-126

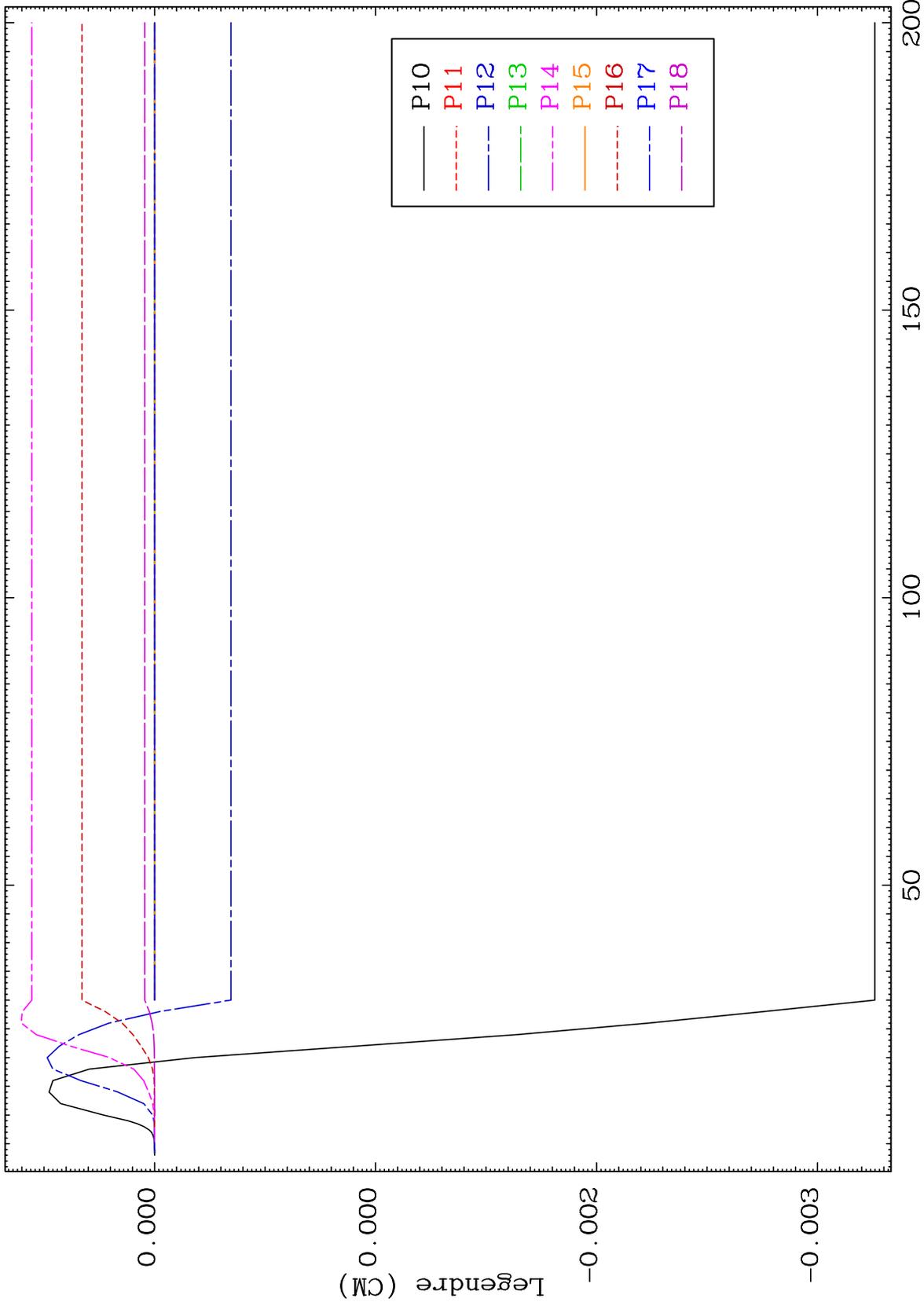
Incident Energy (MeV)

112

MAT 5243

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

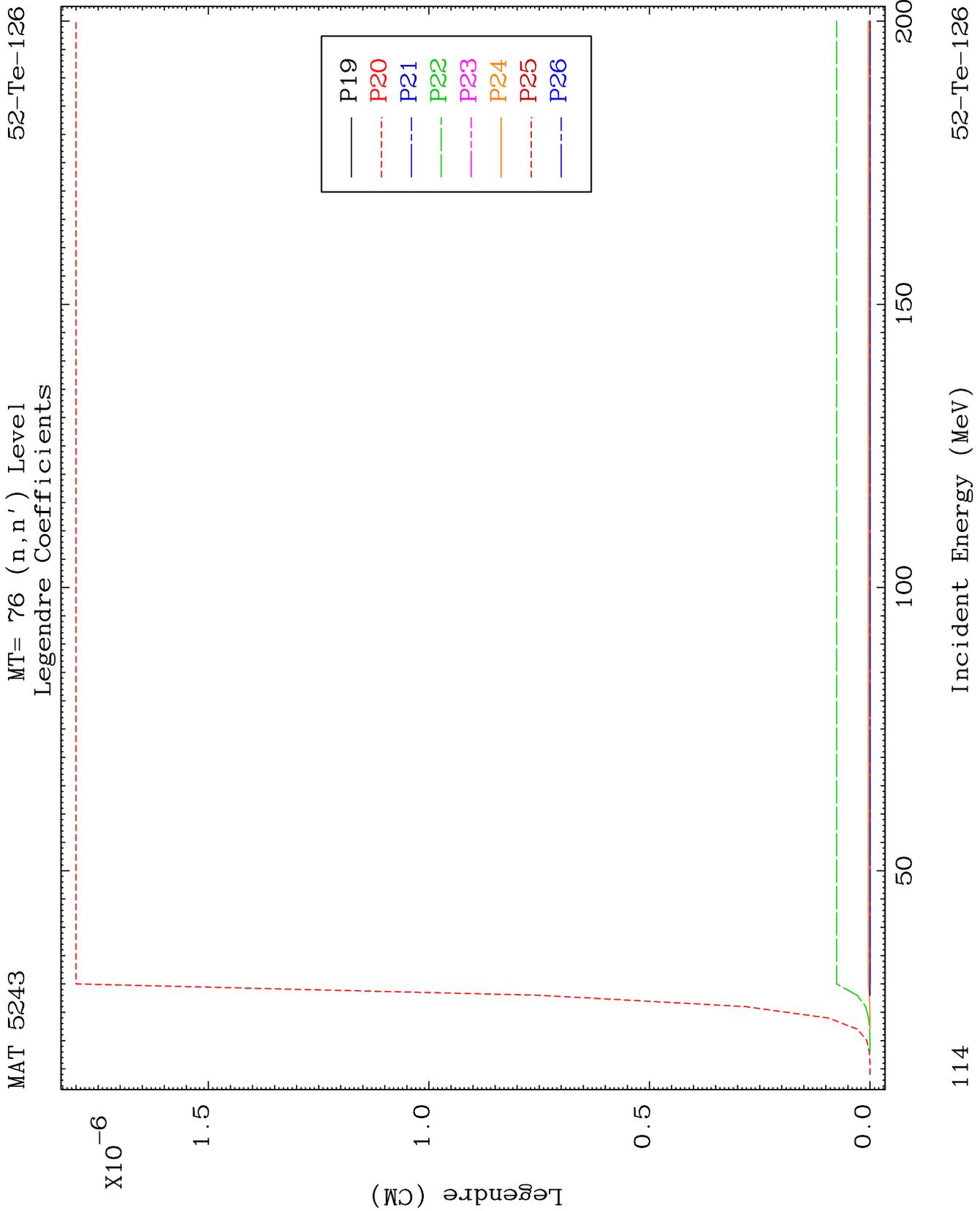
52-Te-126



113

Incident Energy (MeV)

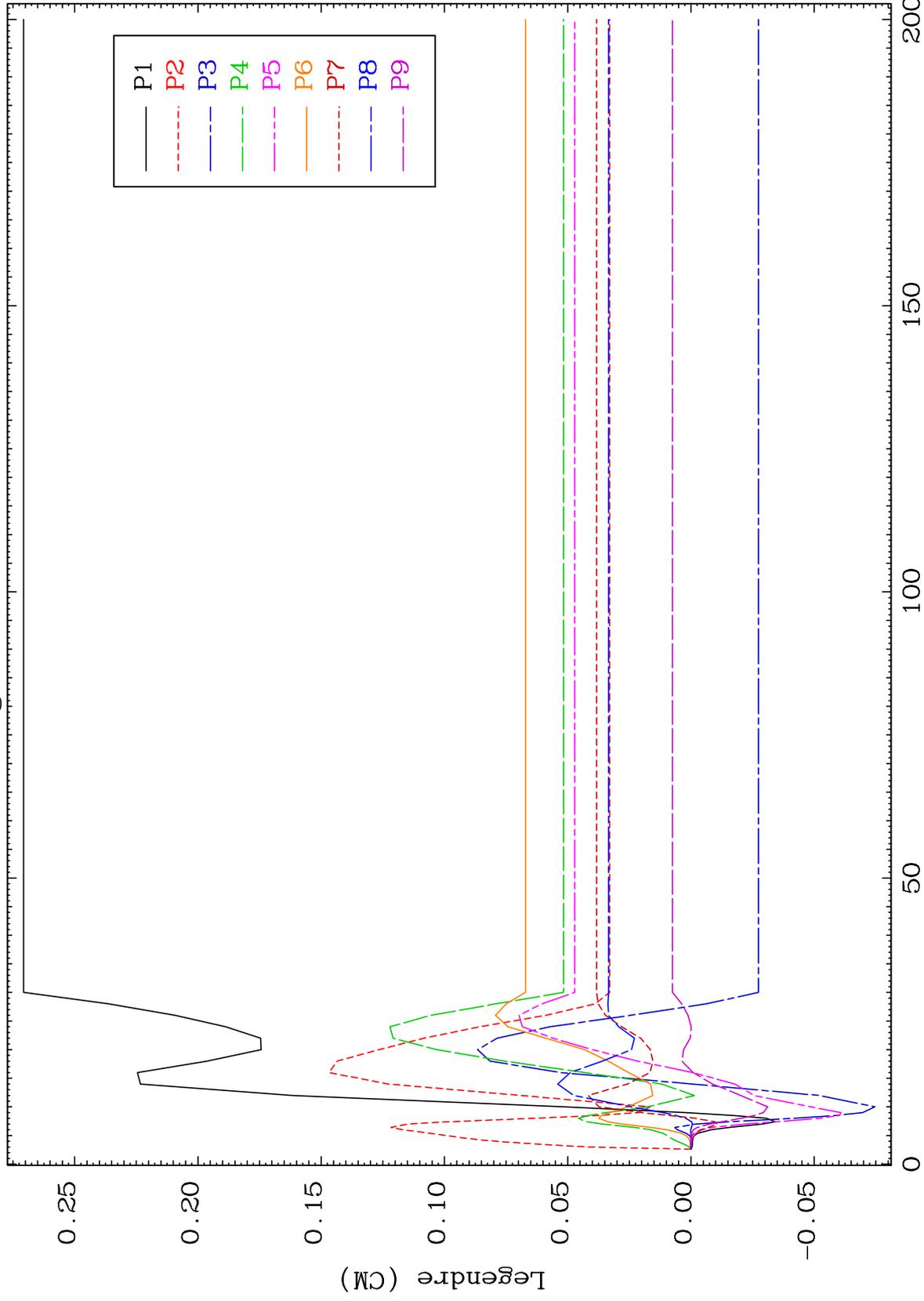
52-Te-126



MAT 5243

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

52-Te-126



52-Te-126

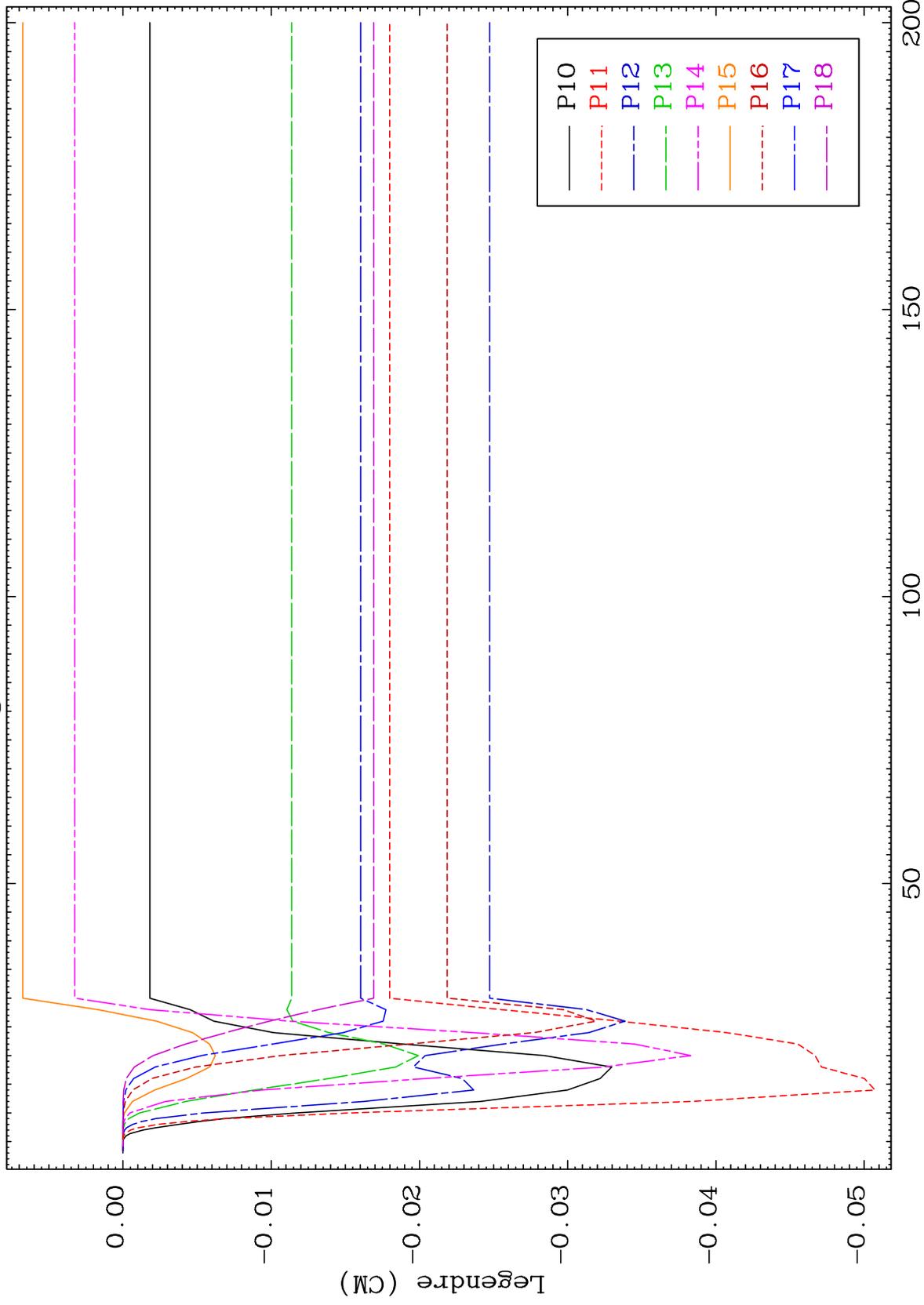
Incident Energy (MeV)

115

MAT 5243

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

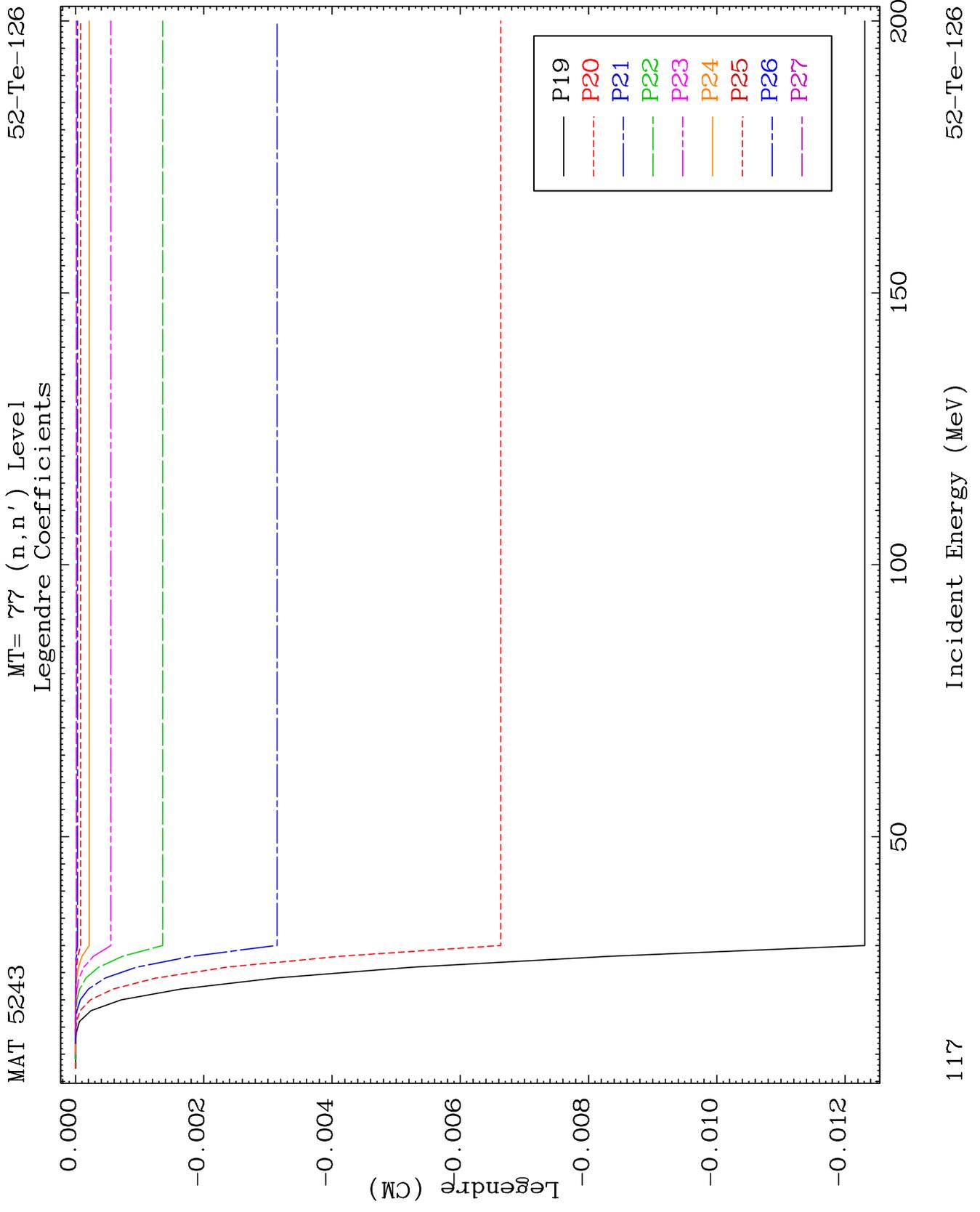
52-Te-126



116

Incident Energy (MeV)

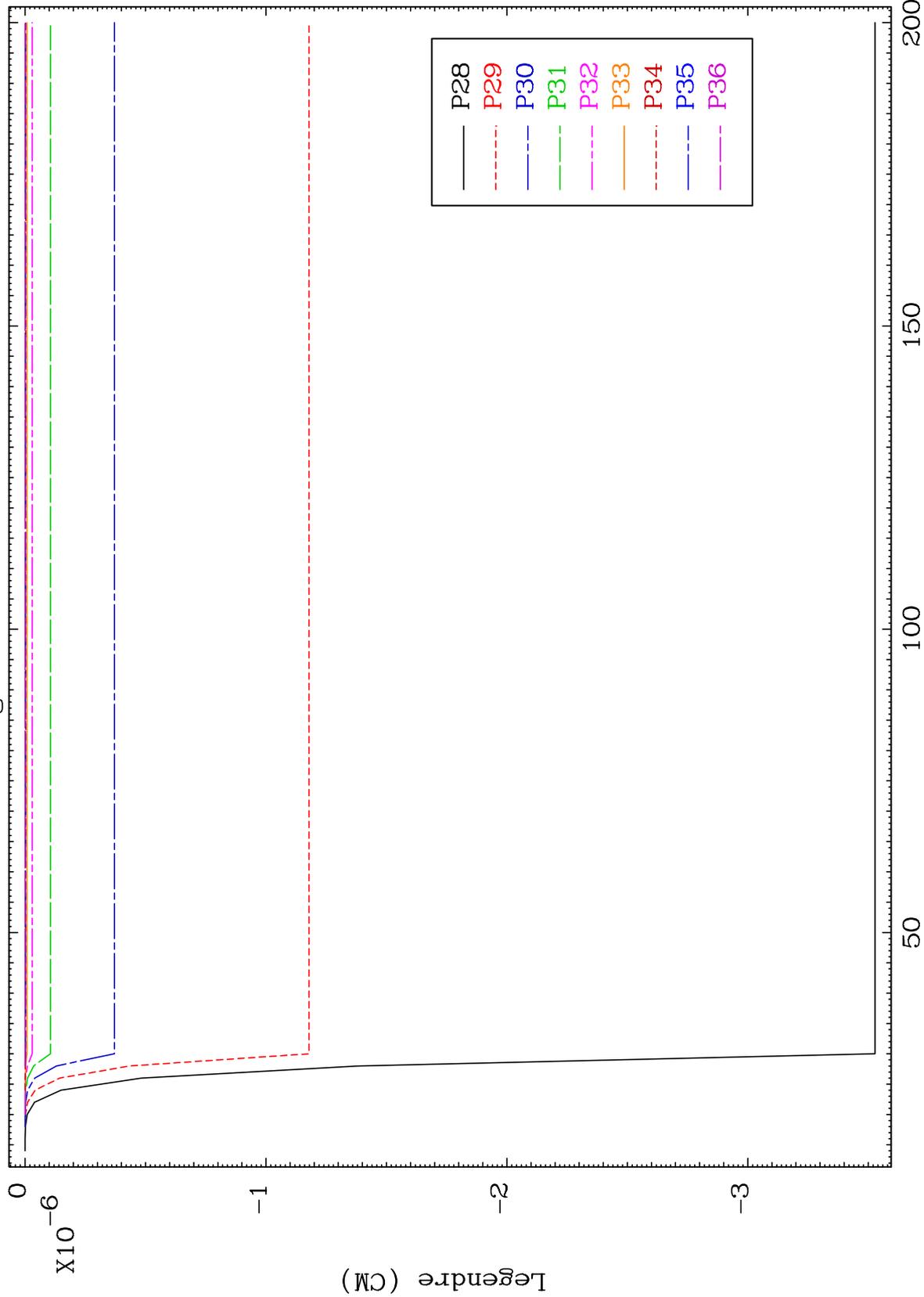
52-Te-126



MAT 5243

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

52-Te-126



118

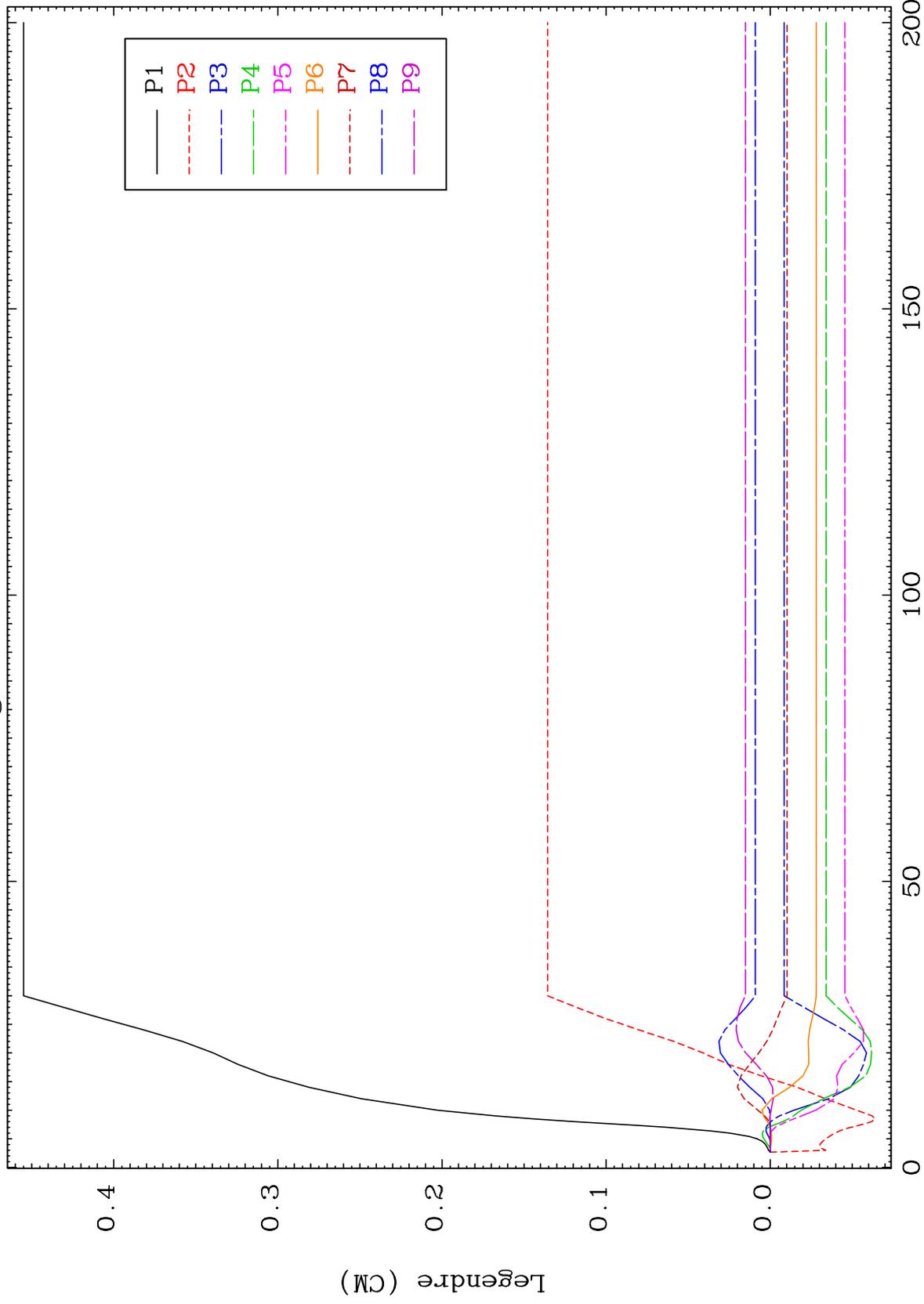
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



119

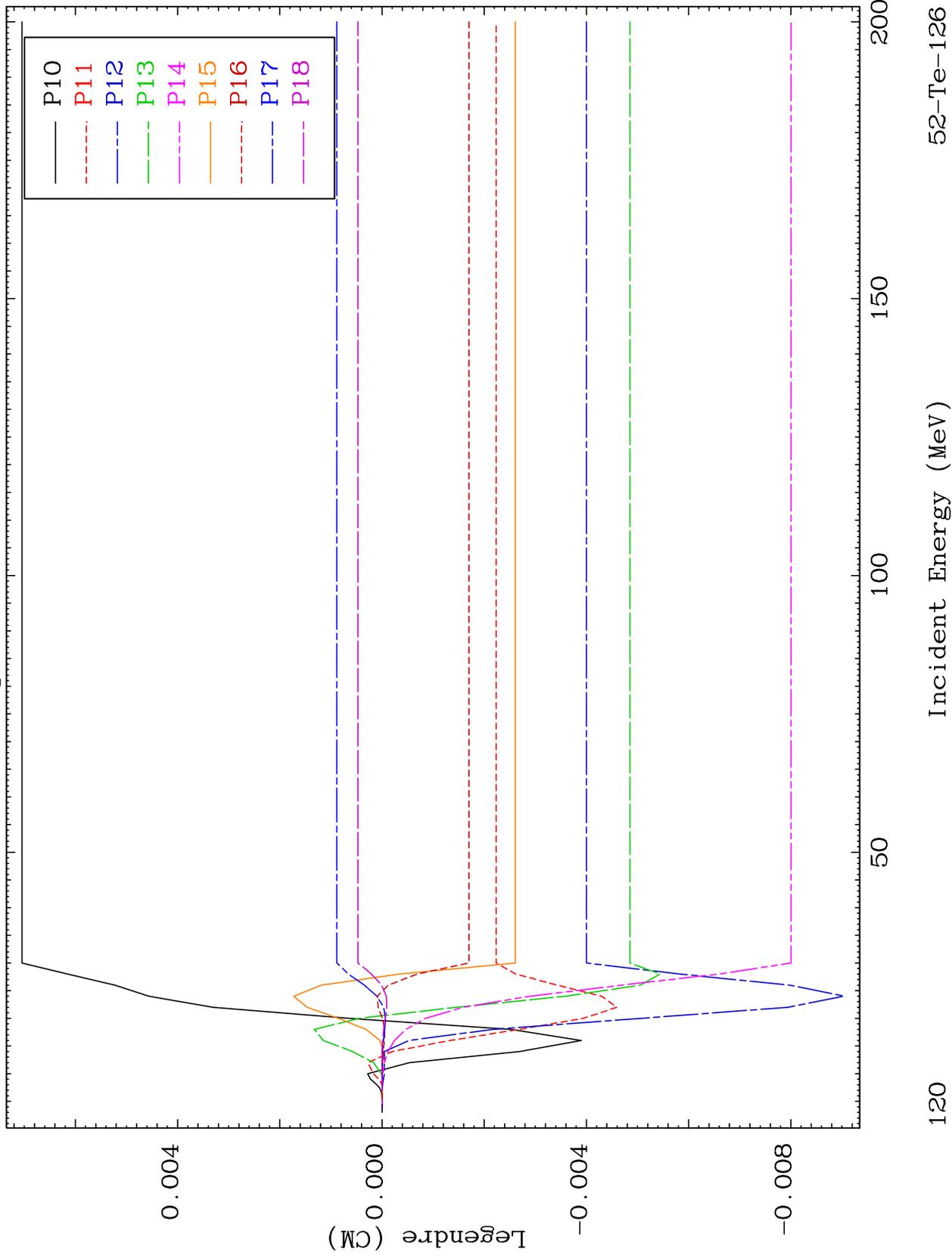
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



120

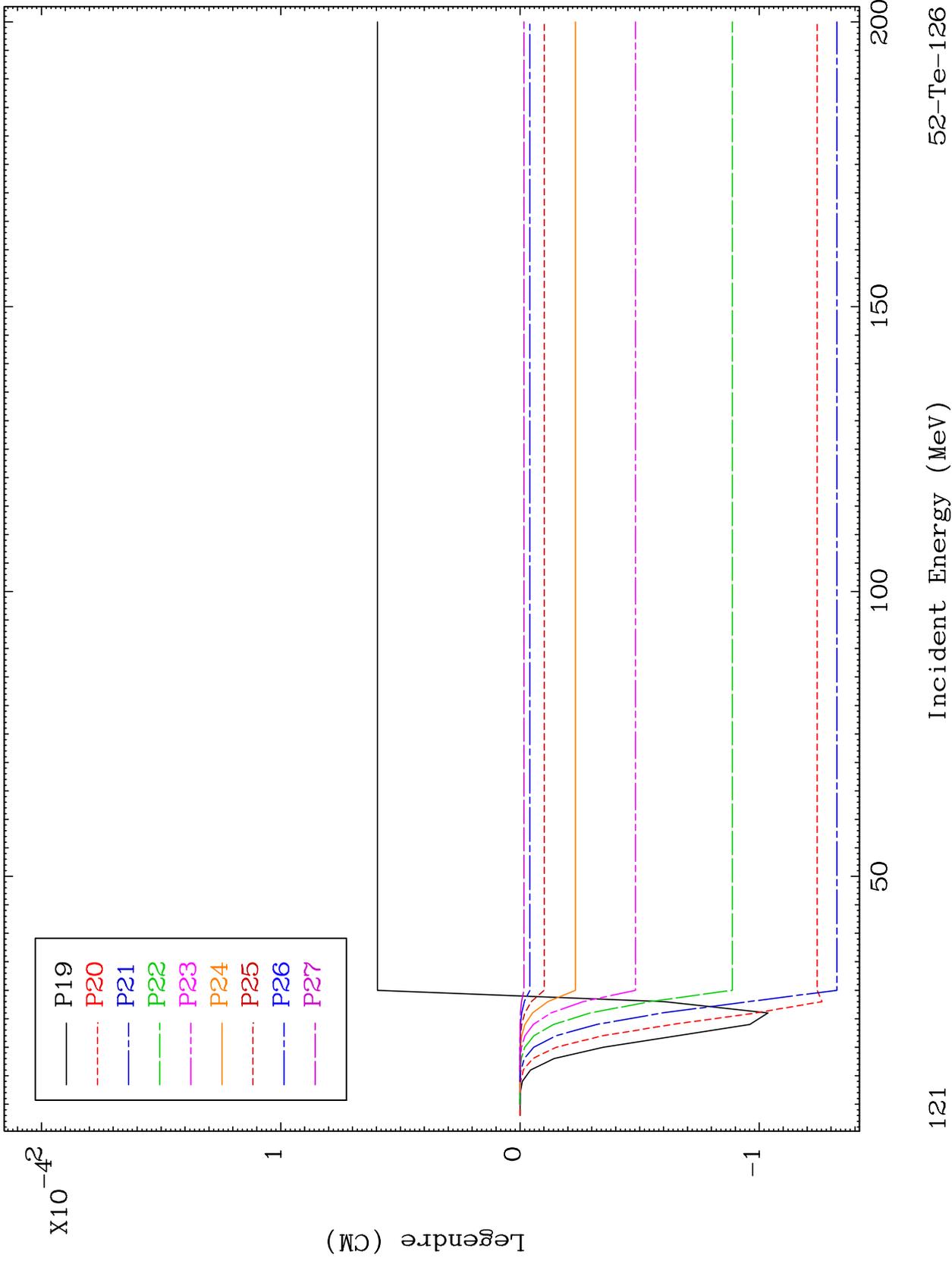
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126

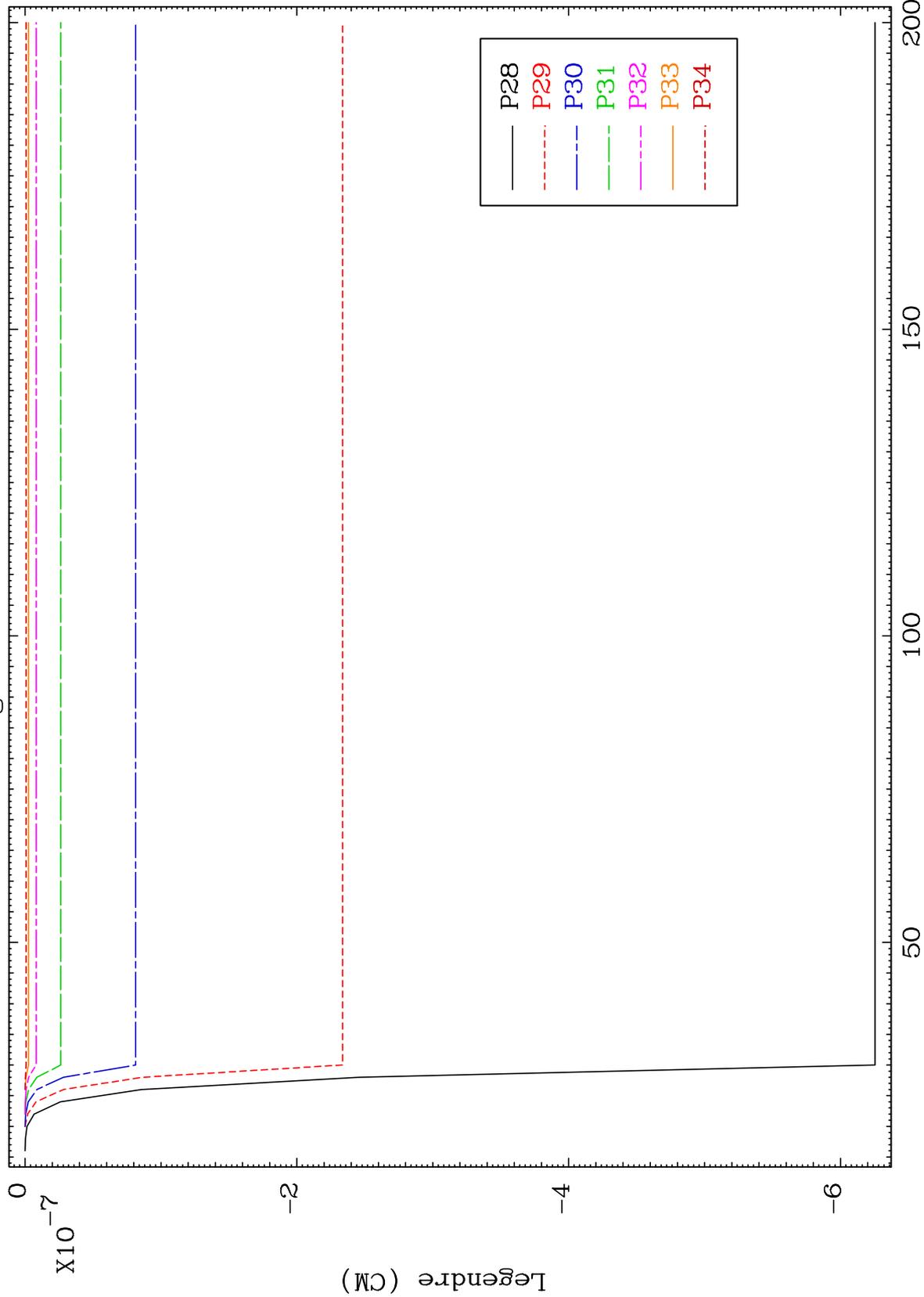


MAT 5243

MT= 78 (n,n') Level

52-Te-126

Legendre Coefficients



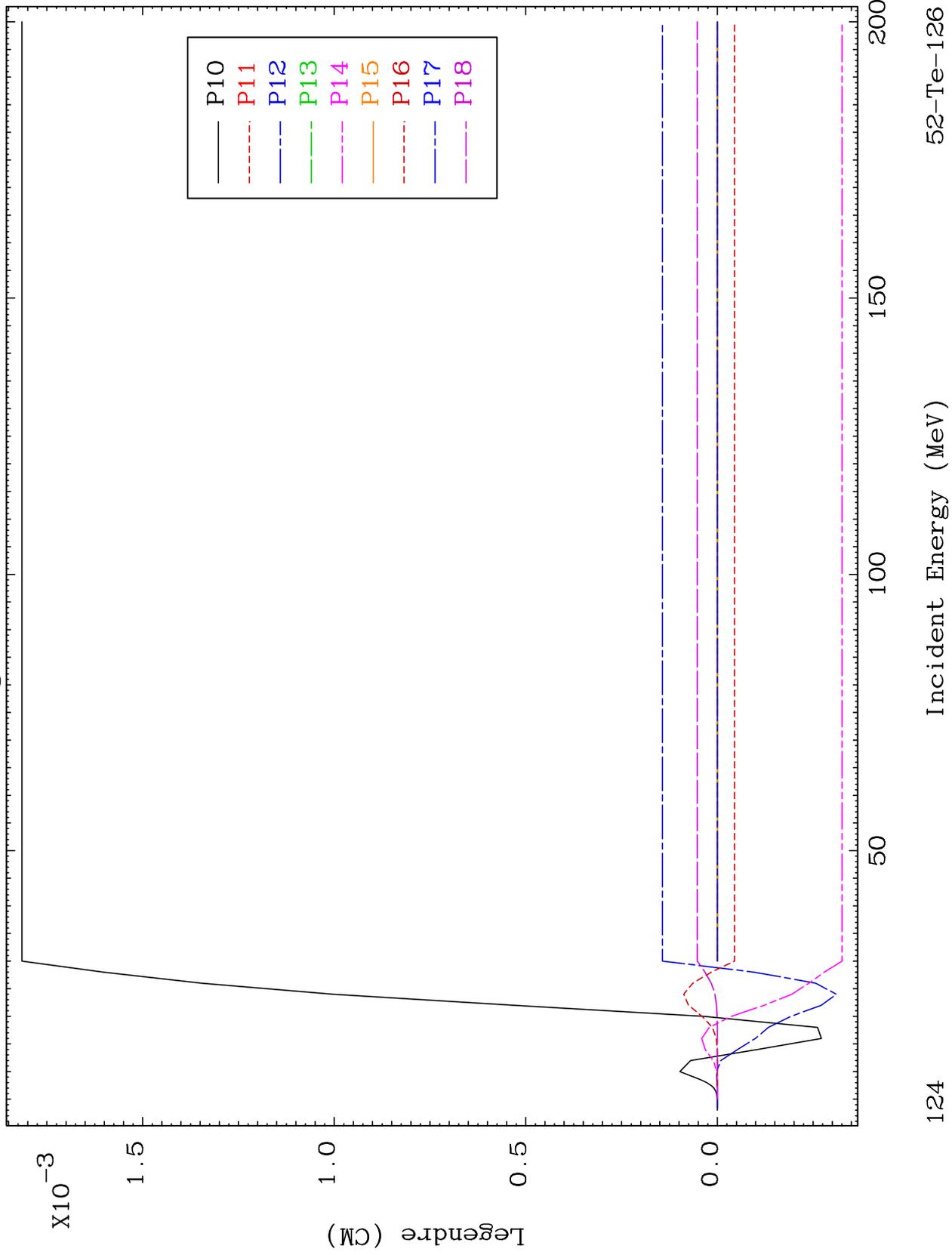
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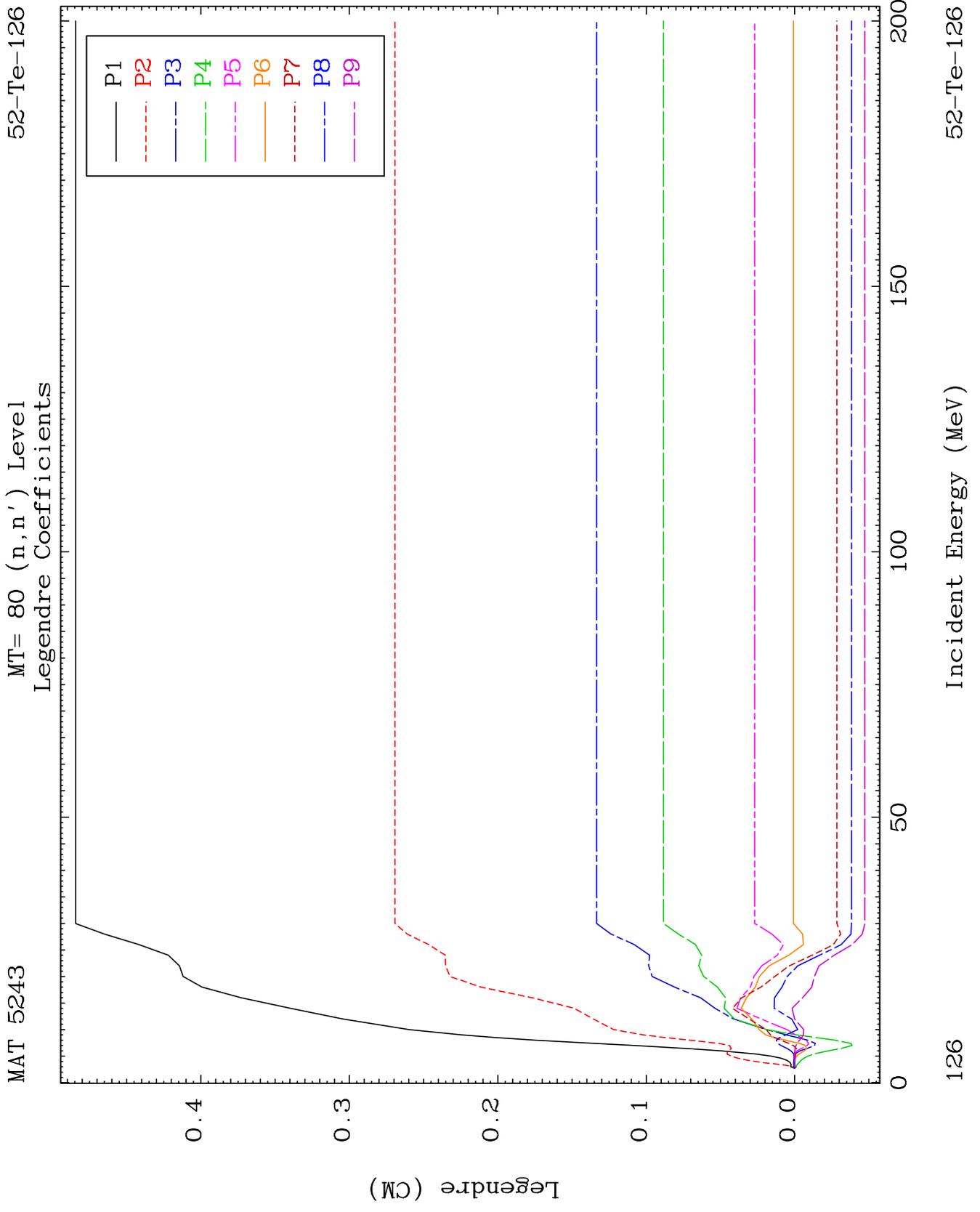
52-Te-126

MAT 5243

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

52-Te-126

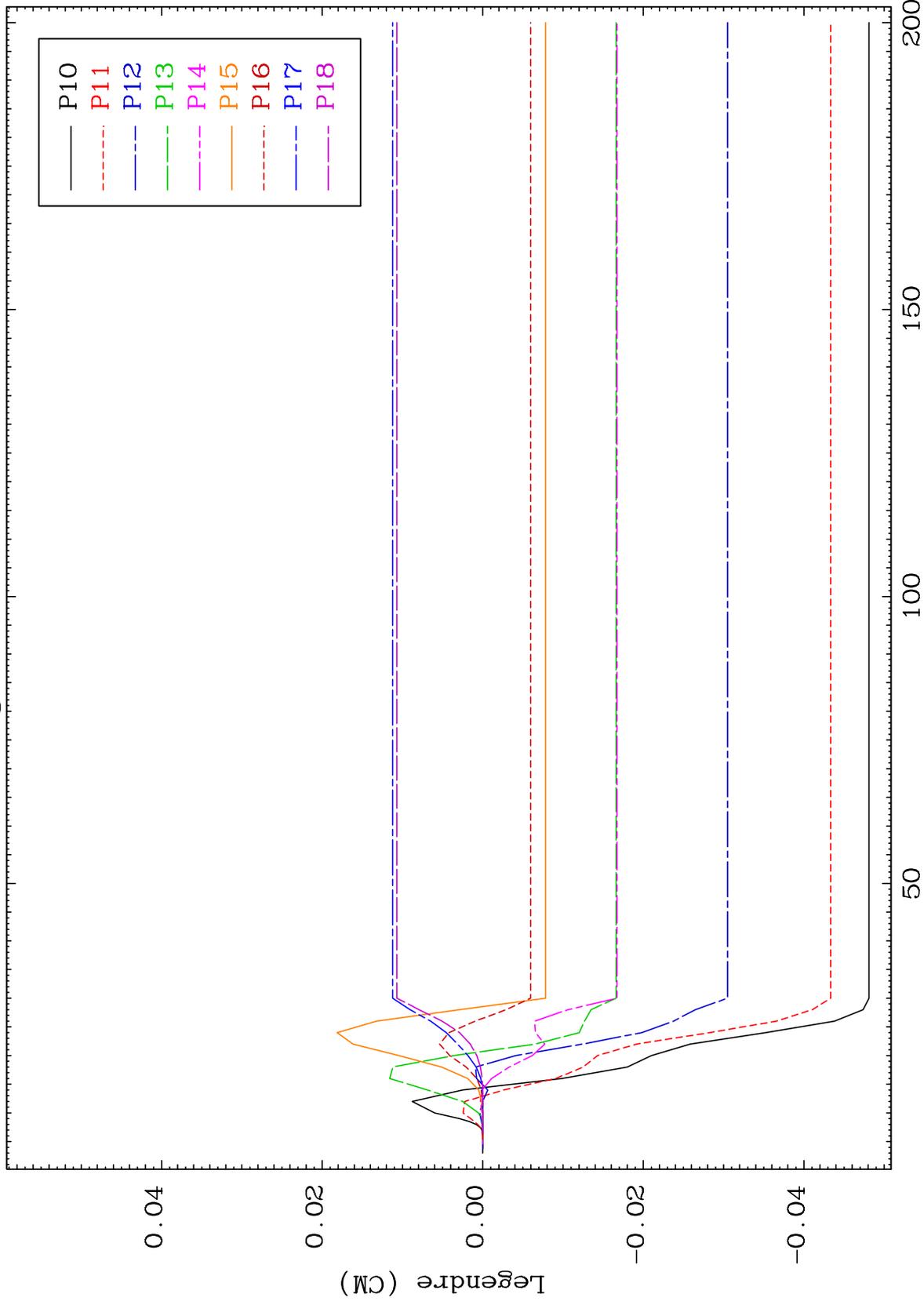




MAT 5243

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

52-Te-126



127

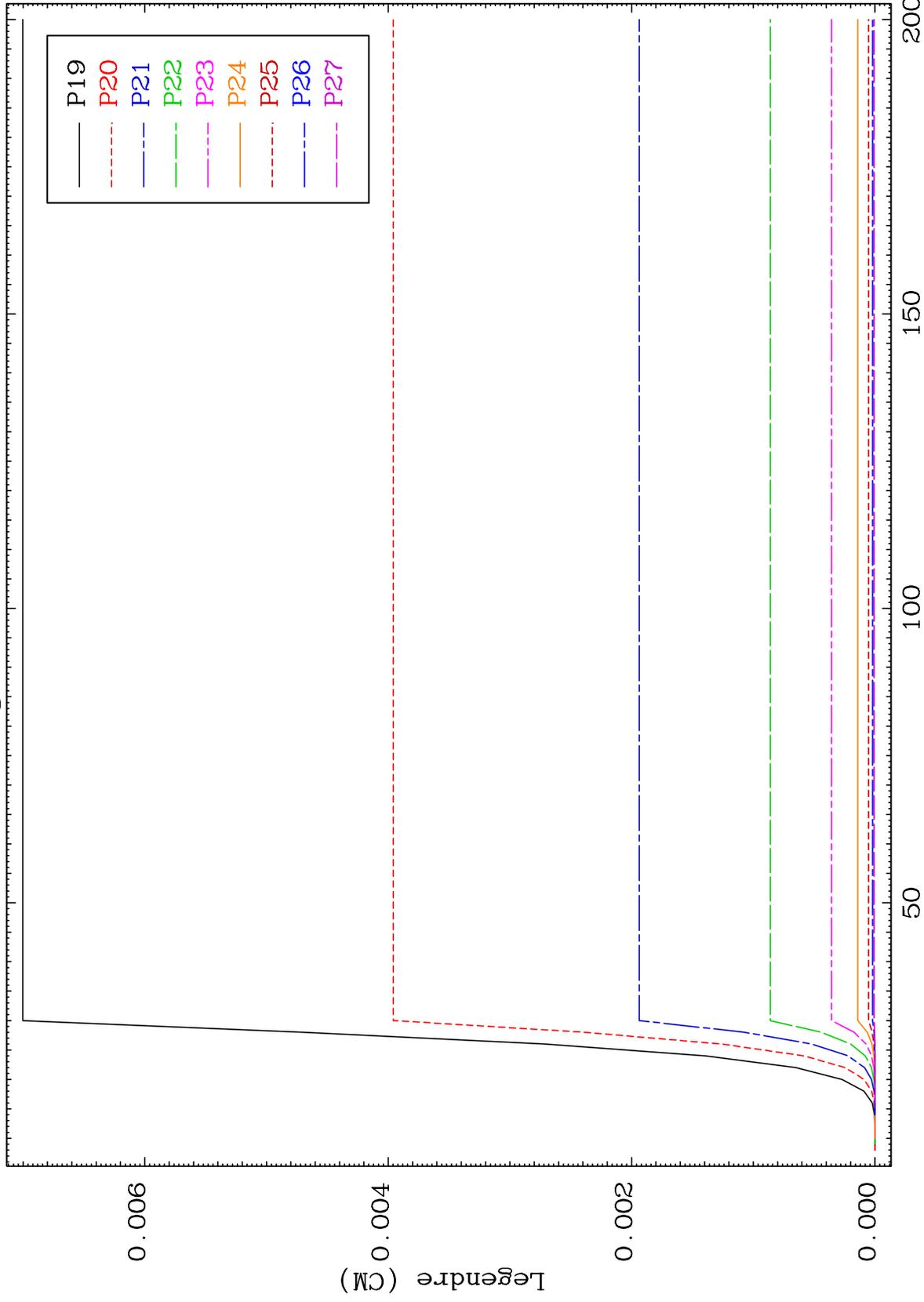
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126



128

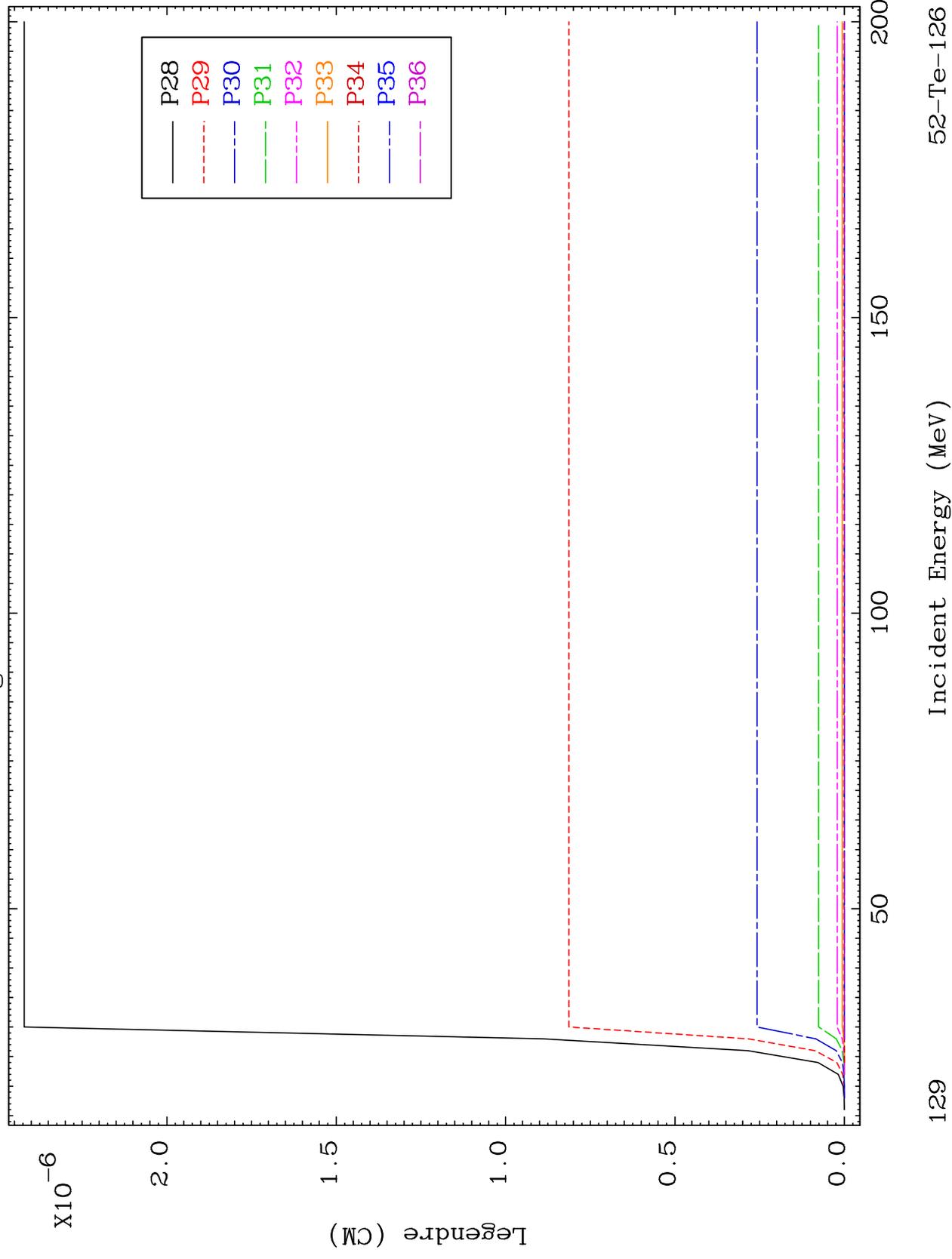
Incident Energy (MeV)

52-Te-126

MAT 5243

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

52-Te-126

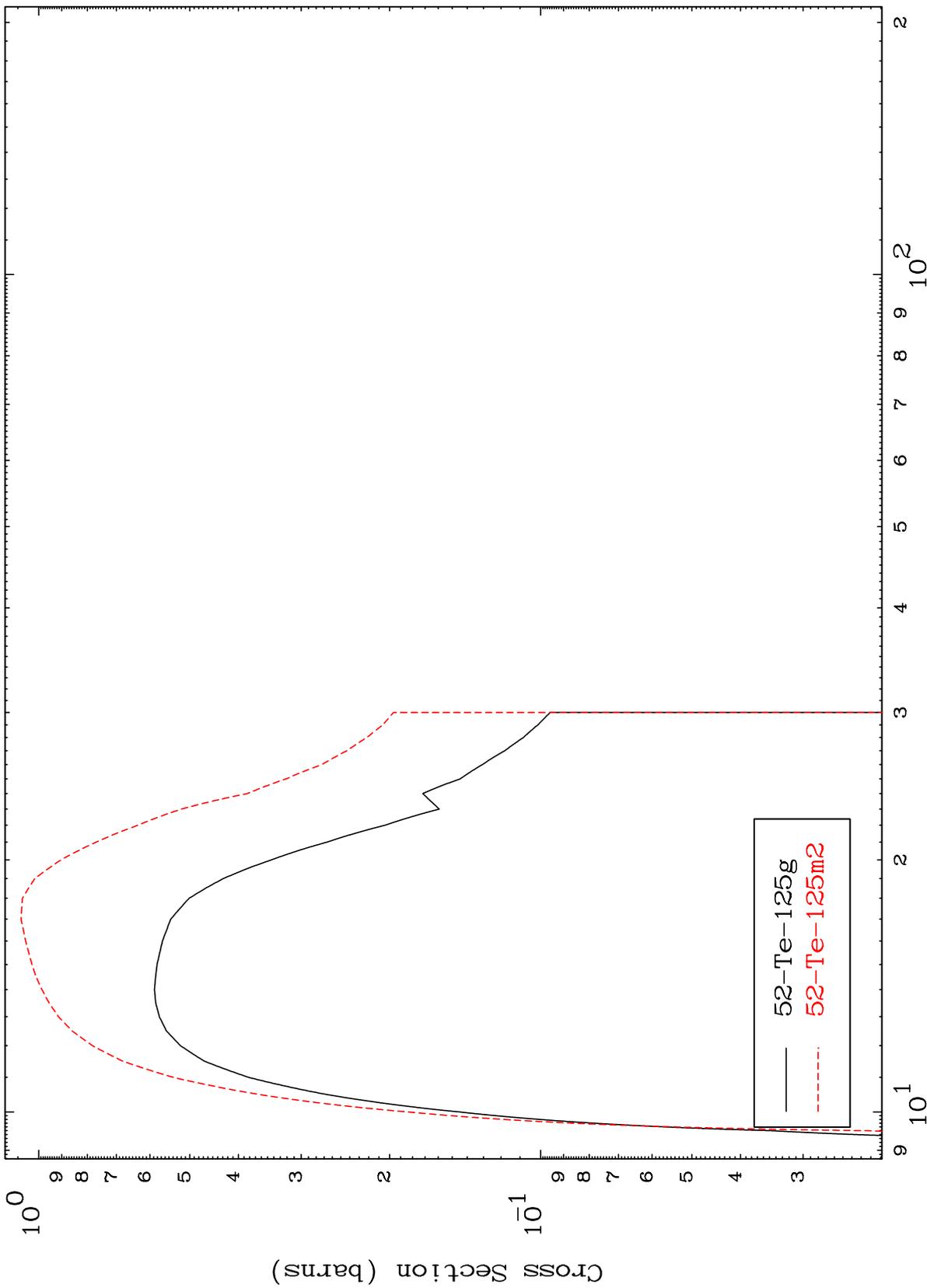


129

MAT 5243

52-Te-126

(n,2n)
Radionuclide Production Cross Section



— 52-Te-125g
- - - 52-Te-125m2

52-Te-126

Incident Energy (MeV)

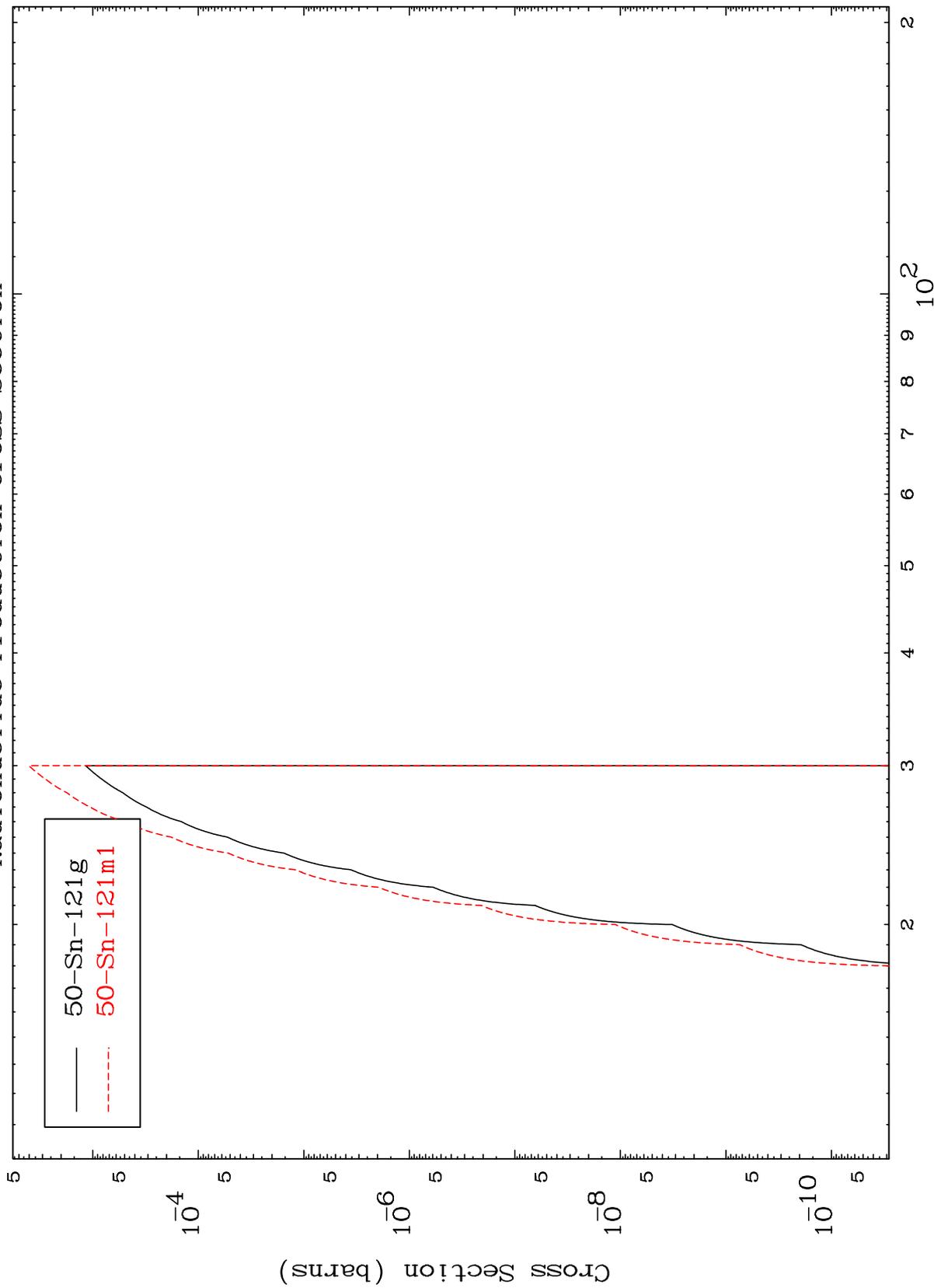
130

MAT 5243

(n,2n) α

52-Te-126

Radionuclide Production Cross Section

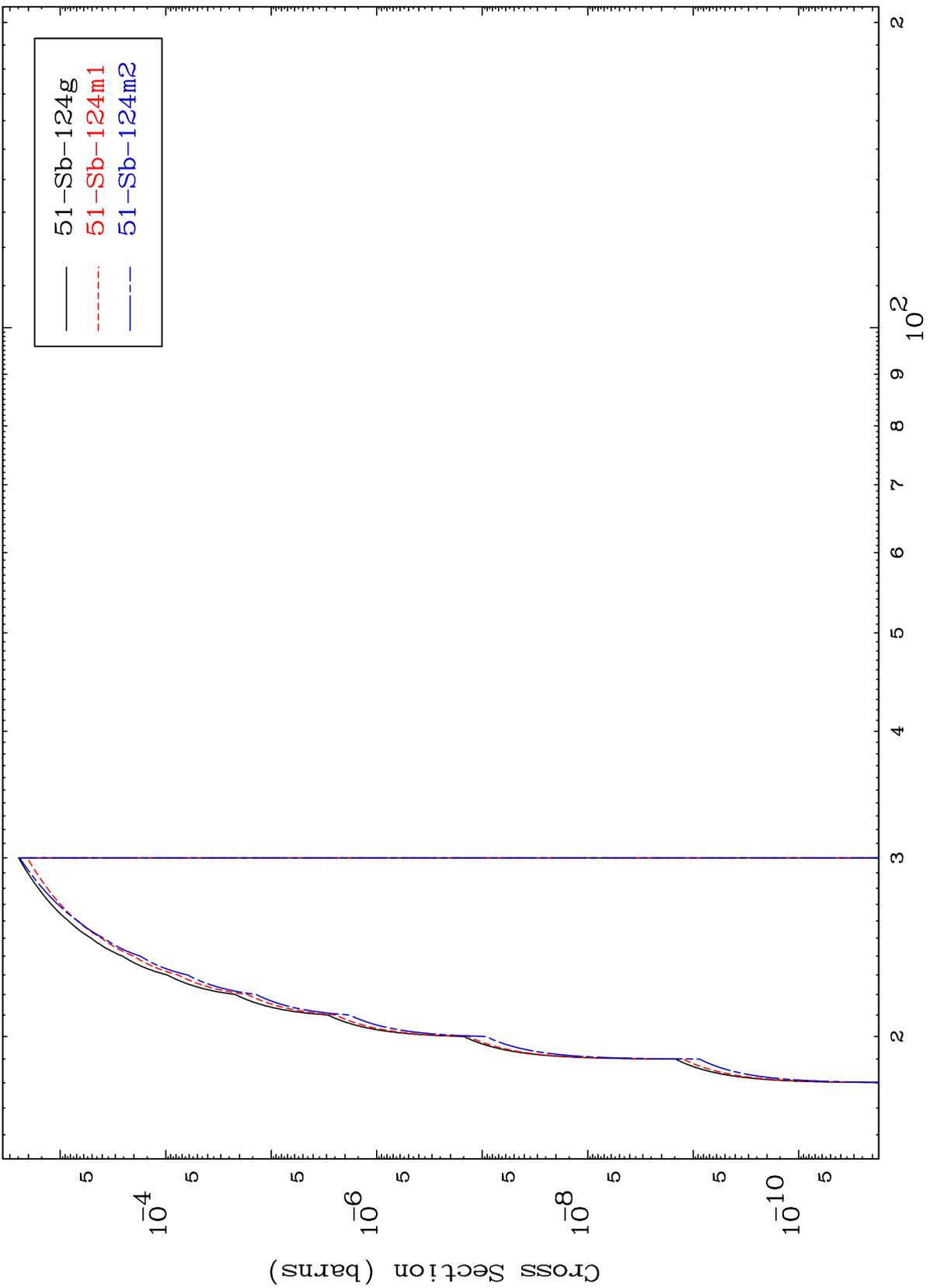


131

Incident Energy (MeV)

52-Te-126

Radionuclide Production Cross Section

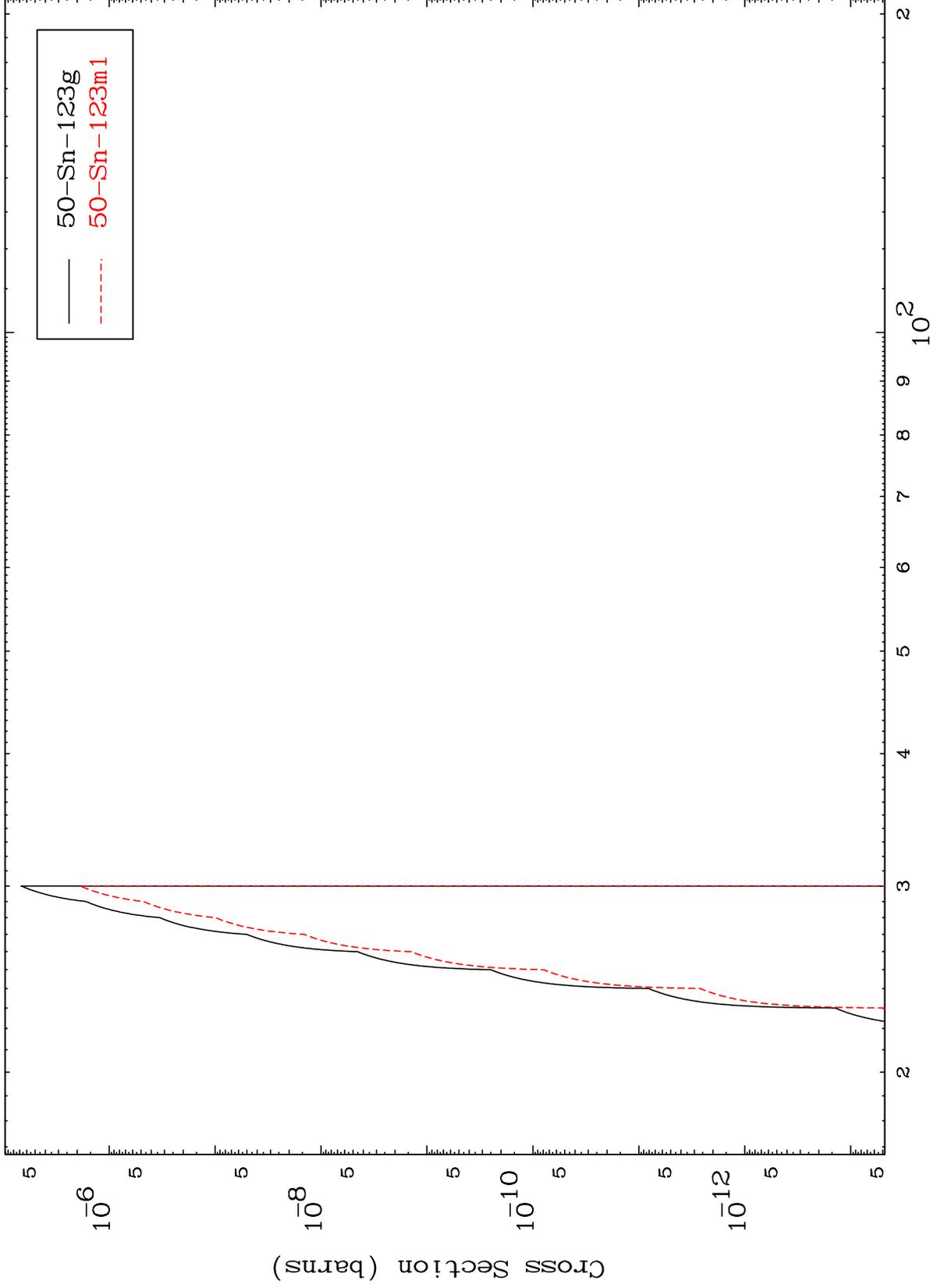


MAT 5243

(n,n') He-3

52-Te-126

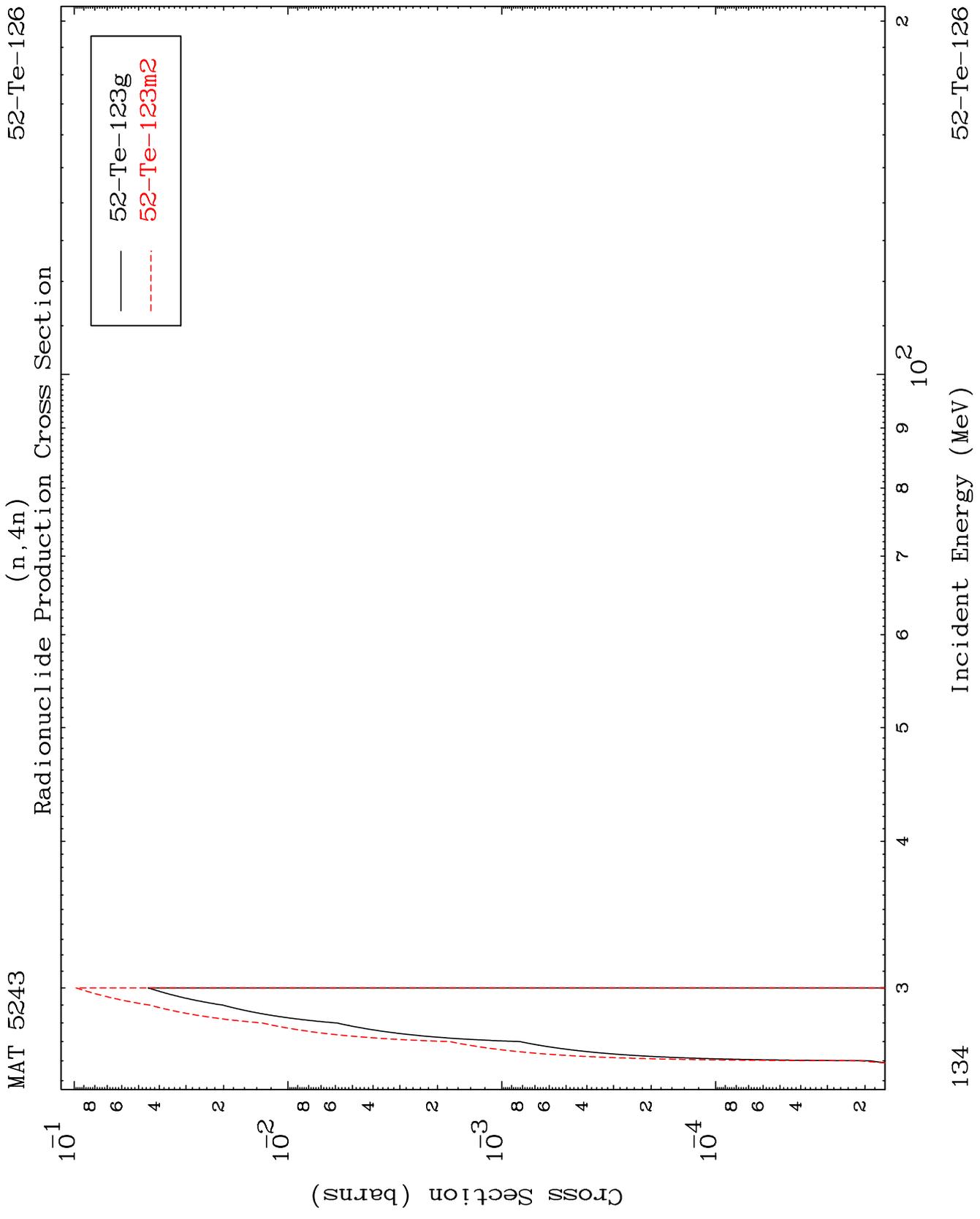
Radionuclide Production Cross Section



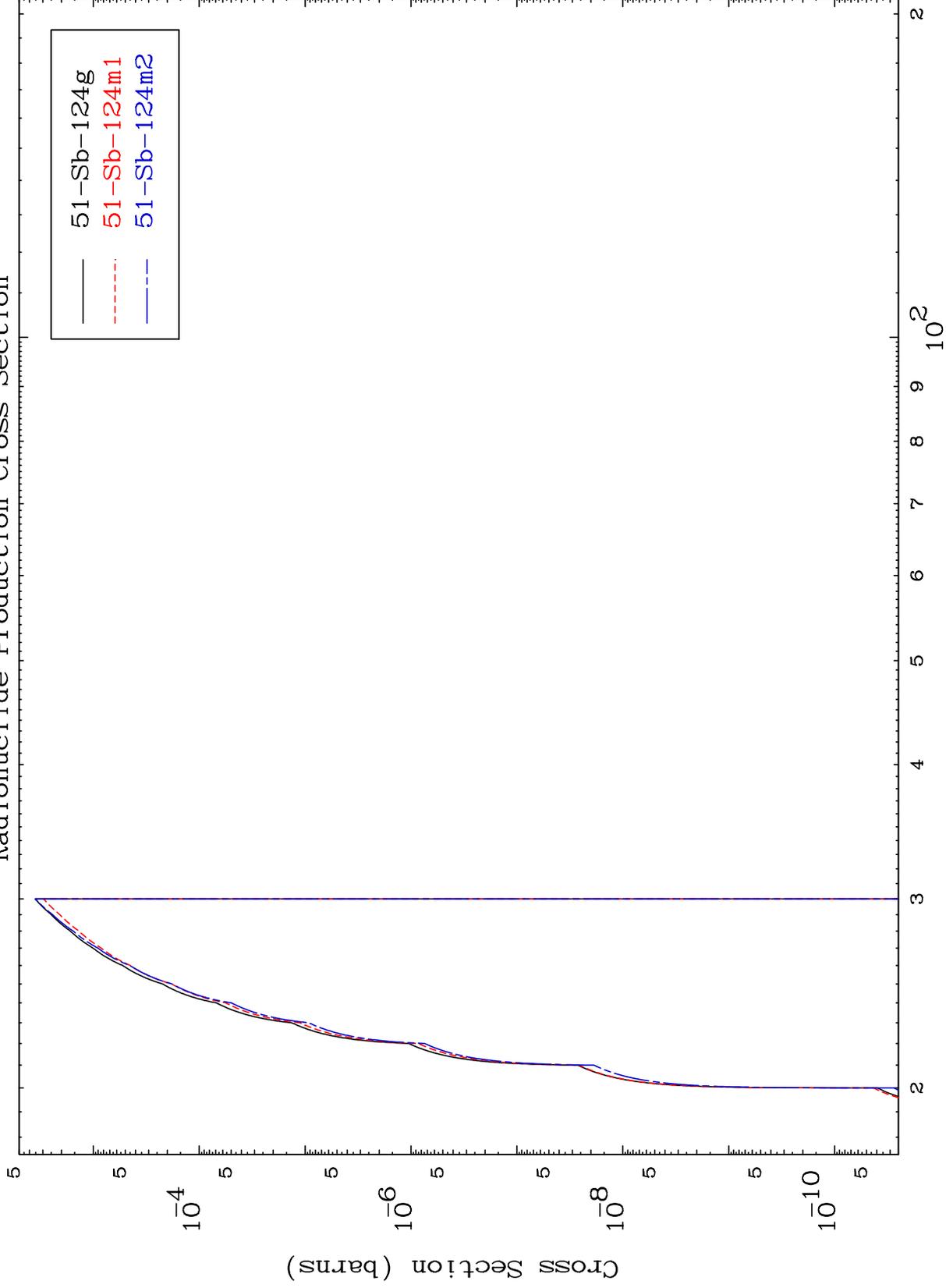
133

Incident Energy (MeV)

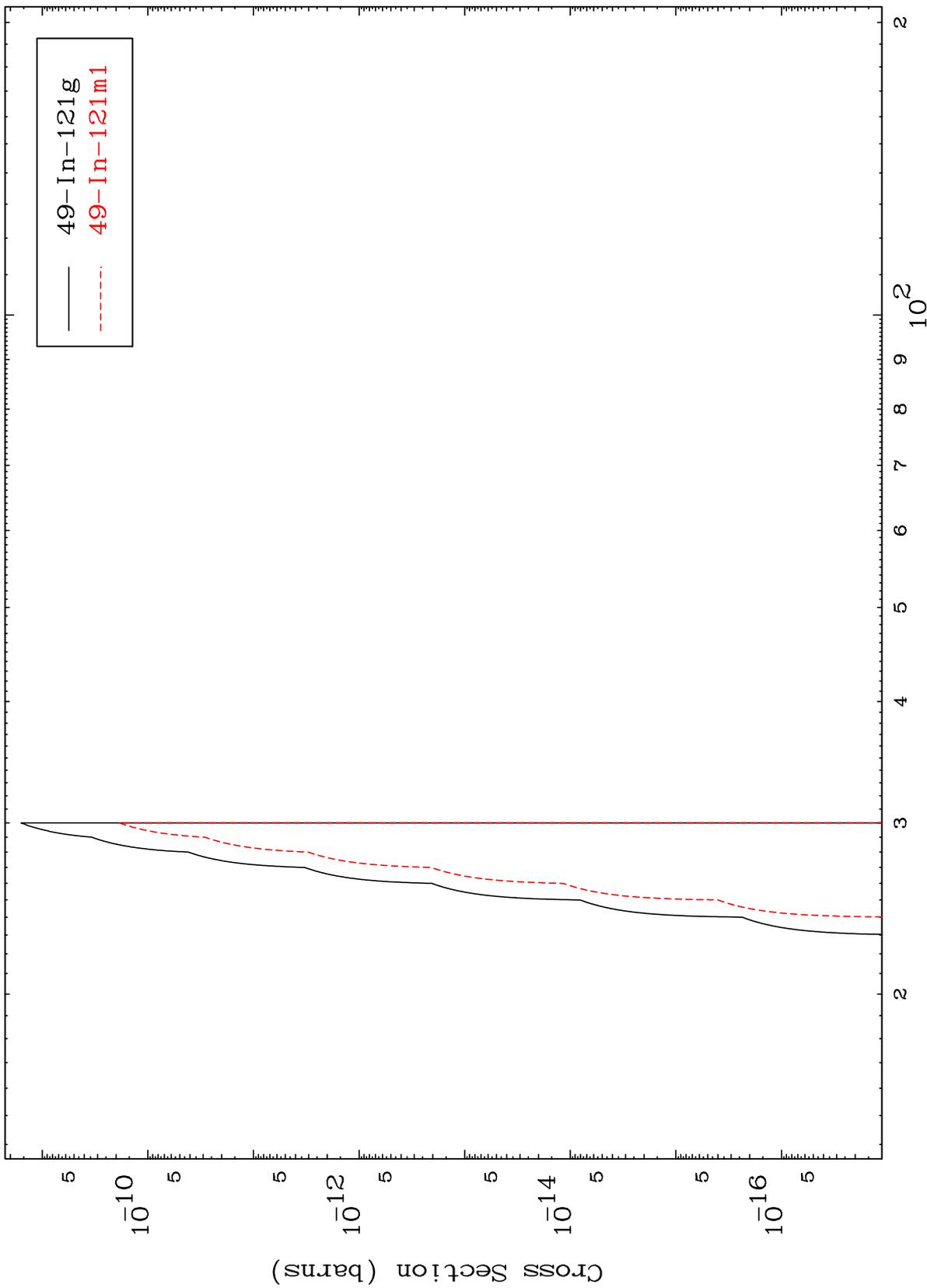
52-Te-126



Radionuclide Production Cross Section



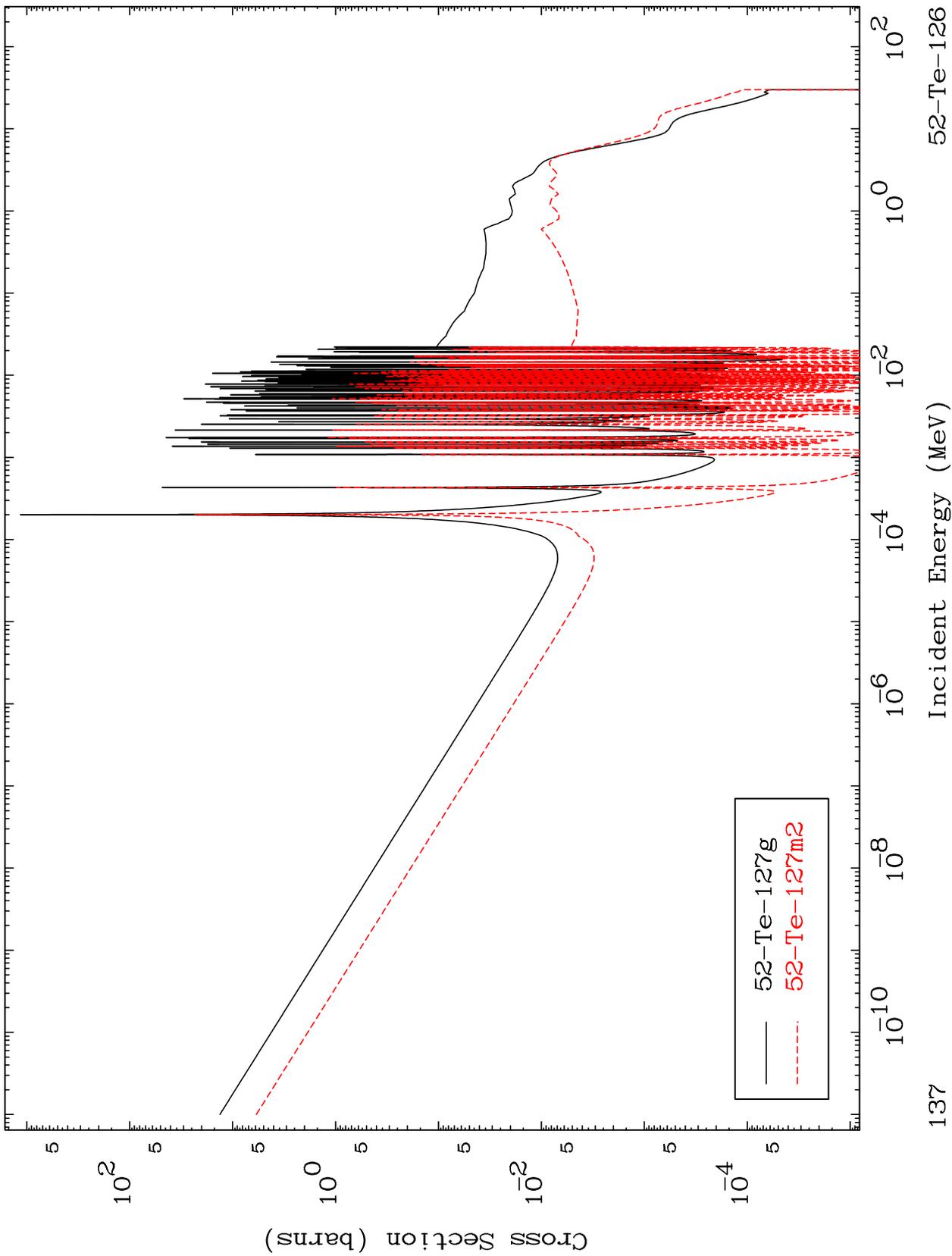
(n,n') p α
Radionuclide Production Cross Section



MAT 5243

52-Te-126

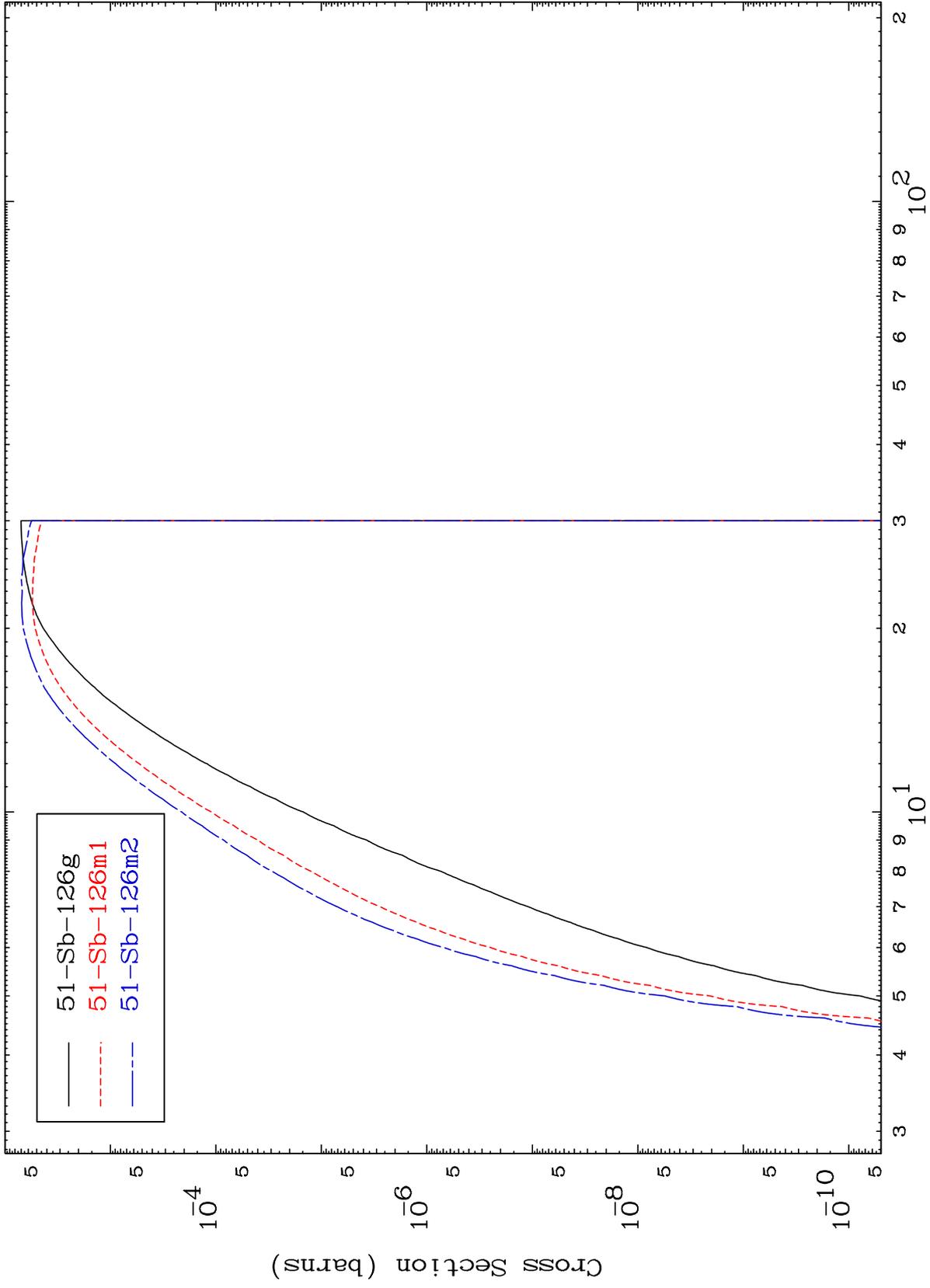
(n, γ)
Radionuclide Production Cross Section



MAT 5243

52-Te-126

(n,p)
Radionuclide Production Cross Section



52-Te-126

Incident Energy (MeV)

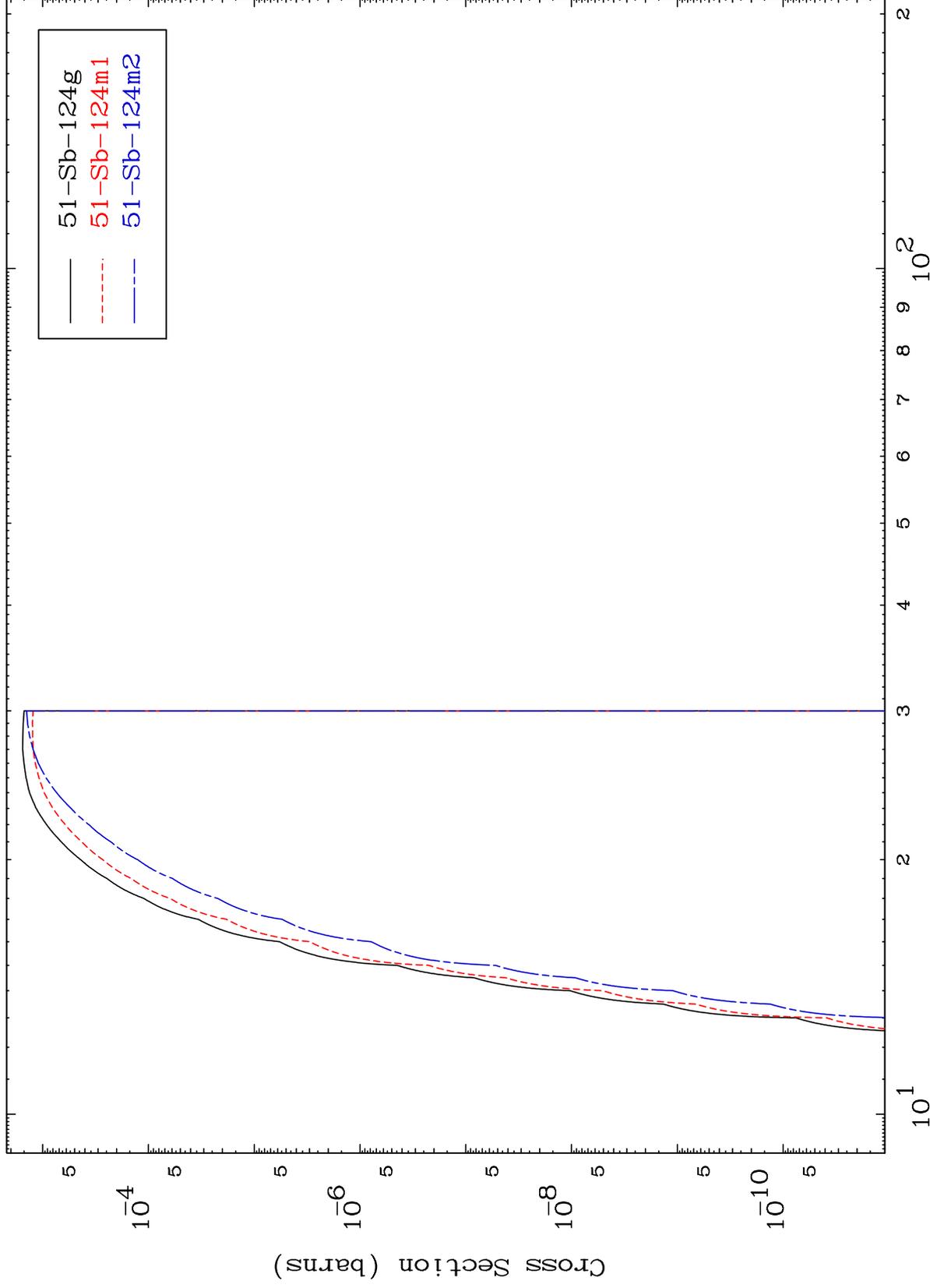
138

MAT 5243

(n, t)

52-Te-126

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-126

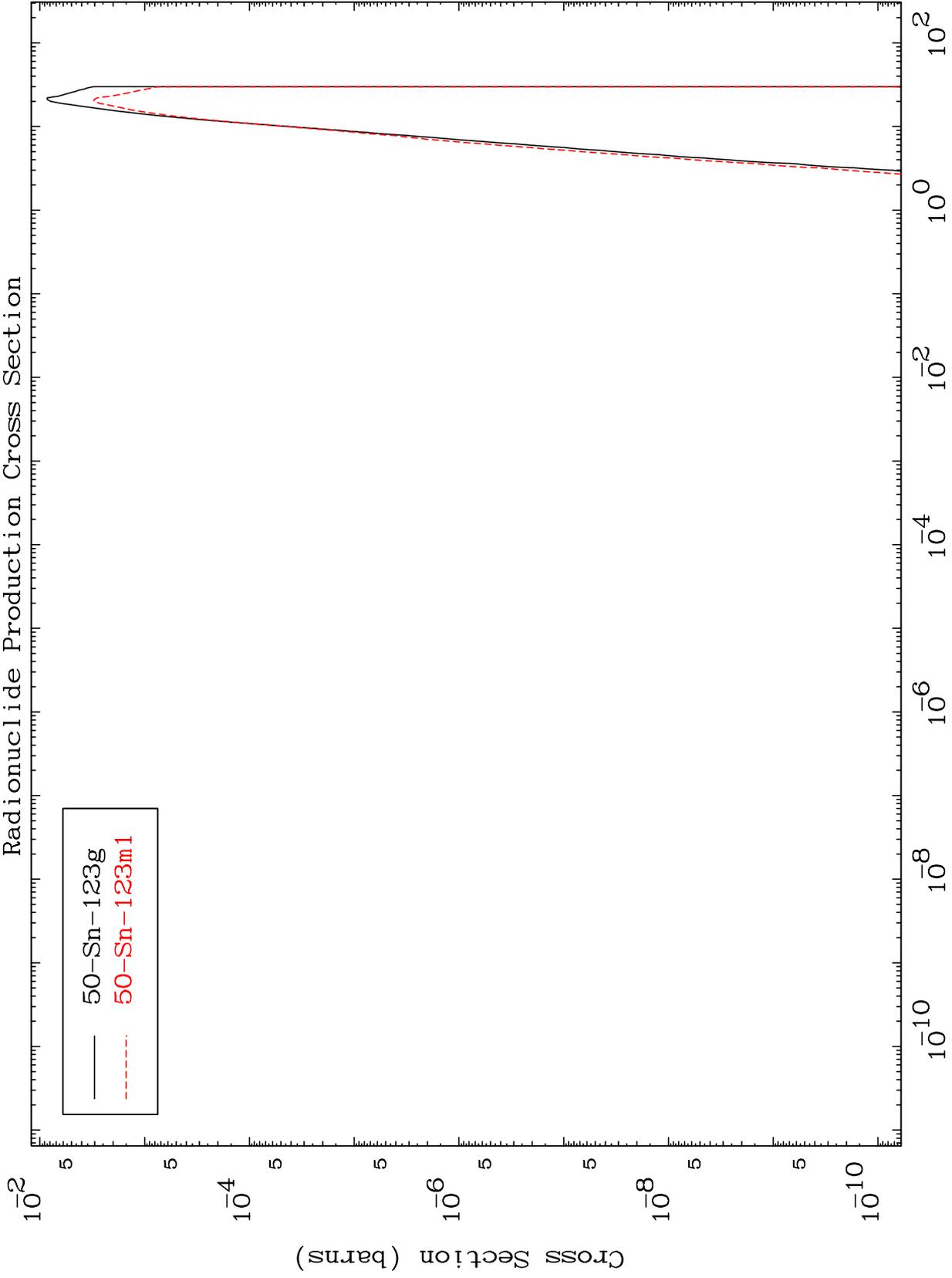
139

MAT 5243

(n, α)

52-Te-126

Radionuclide Production Cross Section



140

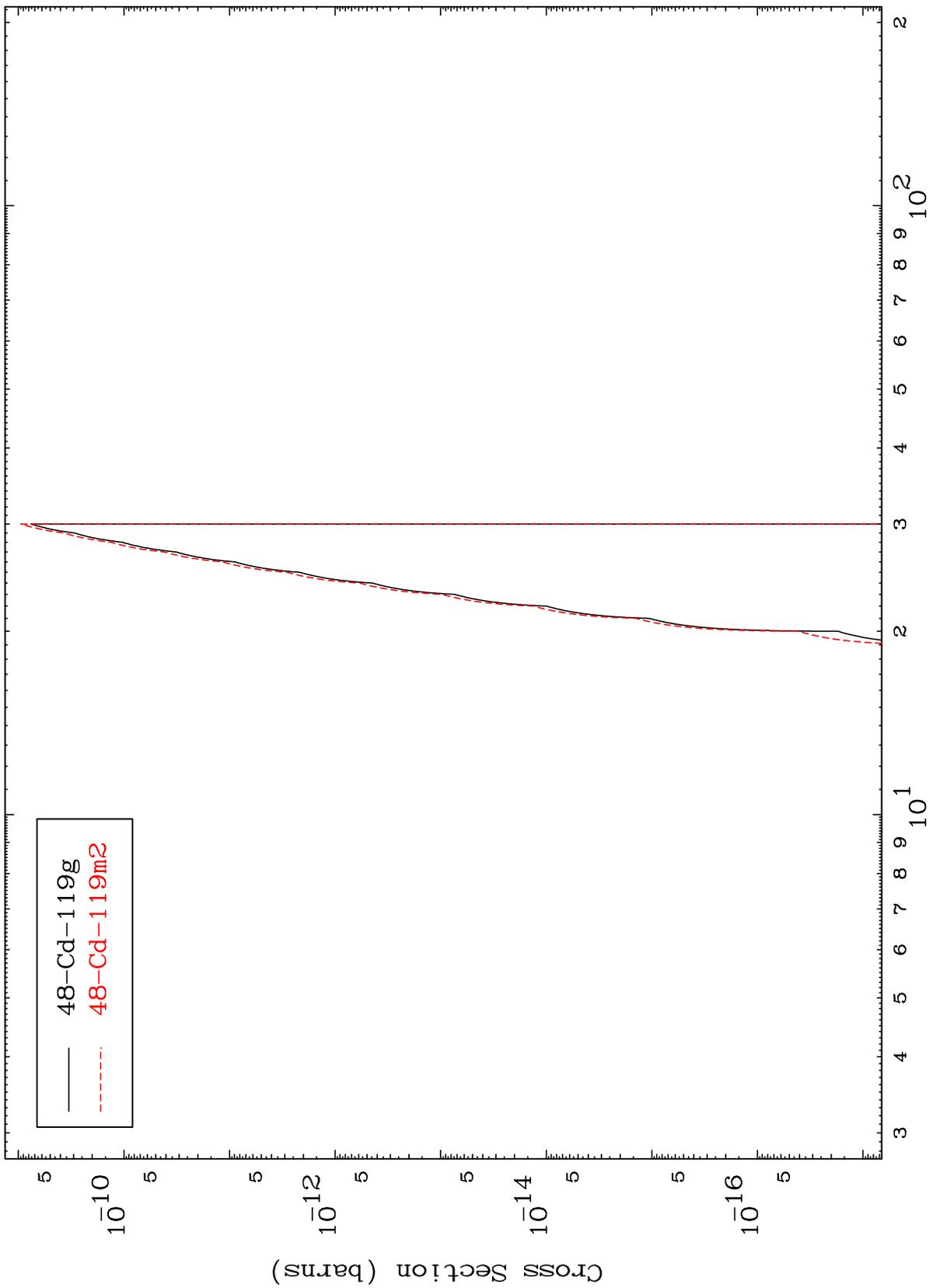
Incident Energy (MeV)

52-Te-126

MAT 5243

52-Te-126

(n,2α)
Radionuclide Production Cross Section



141

52-Te-126

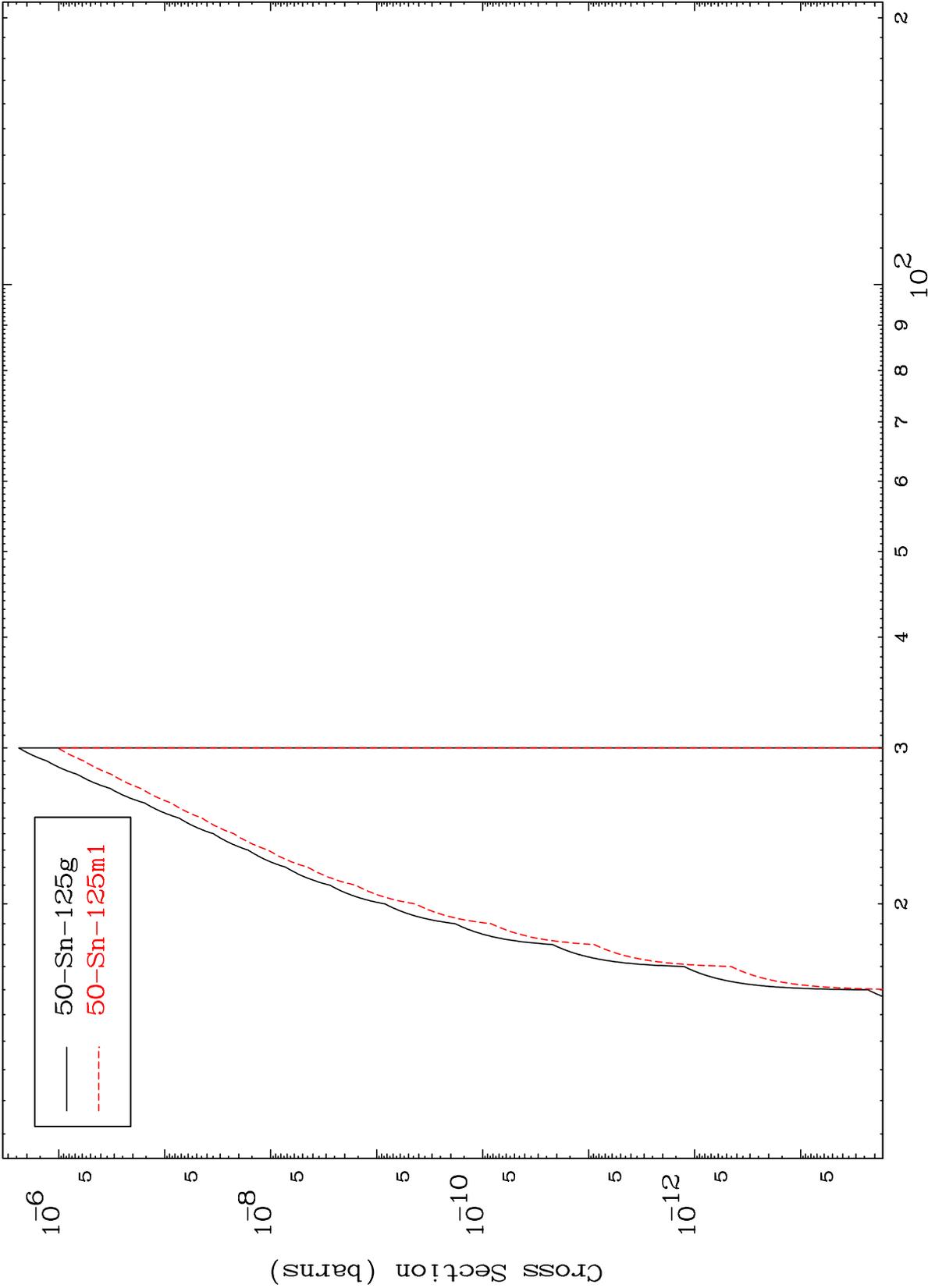
Incident Energy (MeV)

MAT 5243

(n,2p)

52-Te-126

Radionuclide Production Cross Section



142

Incident Energy (MeV)

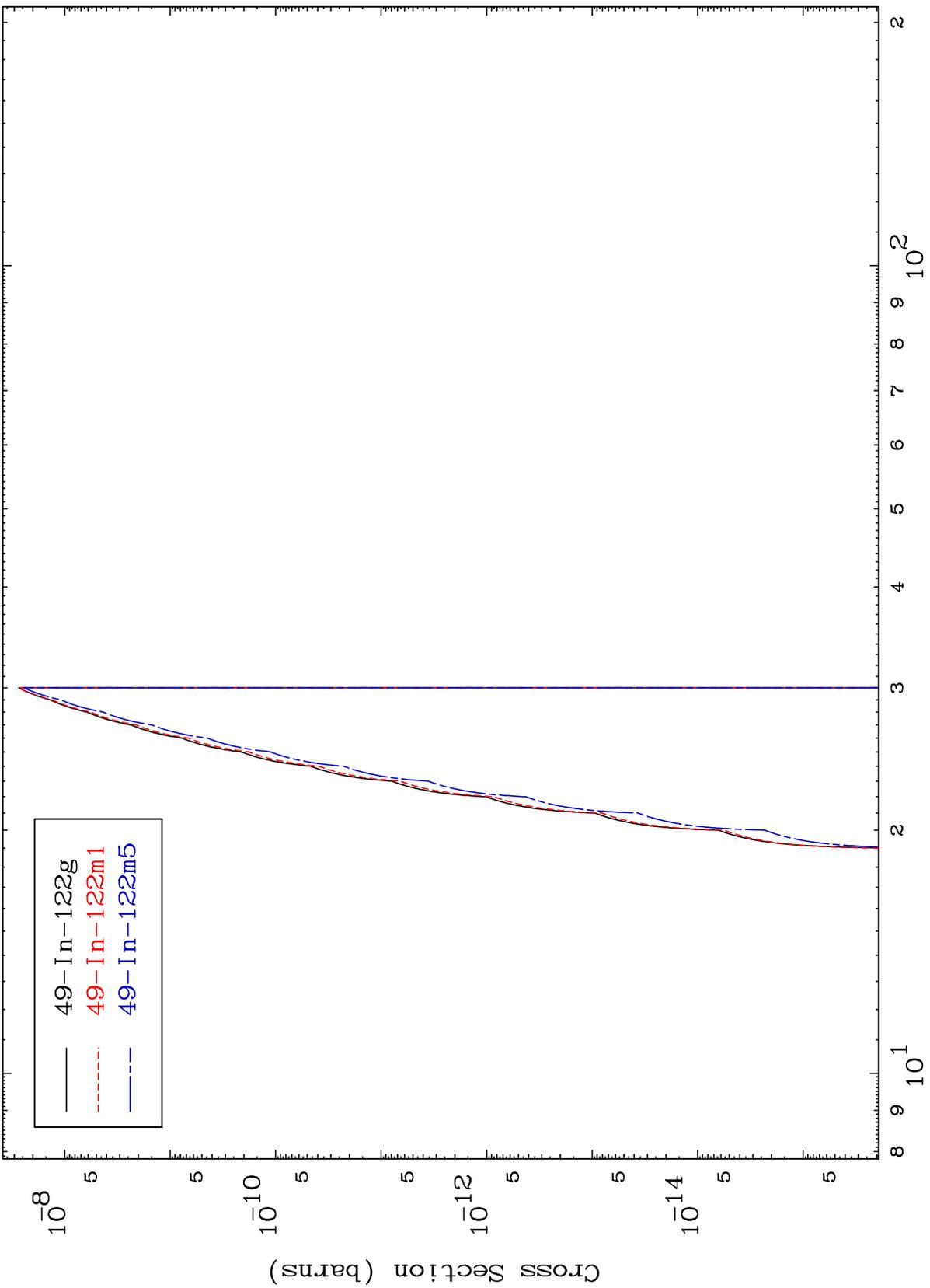
52-Te-126

MAT 5243

(n,p) α

52-Te-126

Radionuclide Production Cross Section



49-In-122g
49-In-122m1
49-In-122m5

143

Incident Energy (MeV)

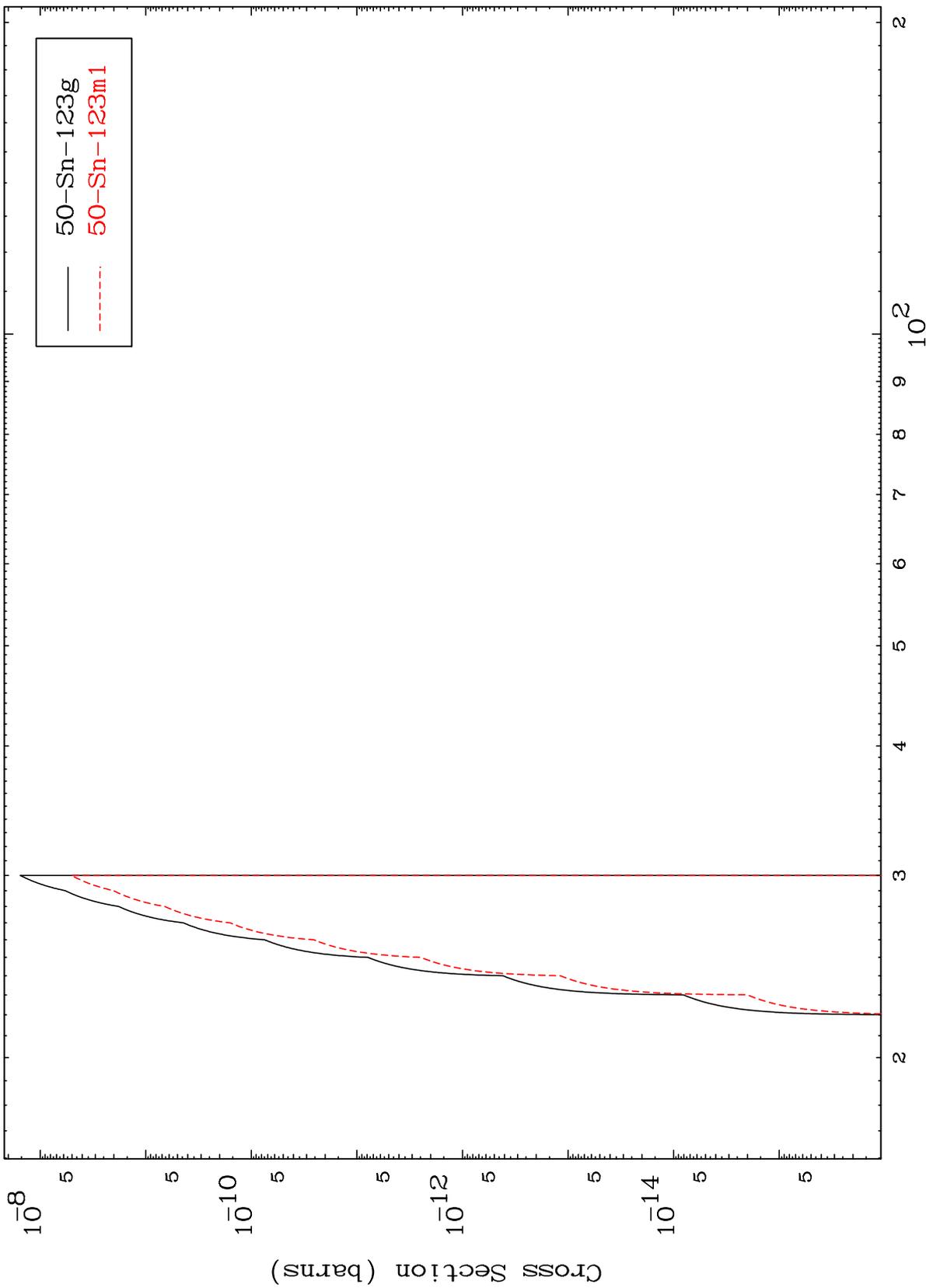
52-Te-126

MAT 5243

(n,p) t

52-Te-126

Radionuclide Production Cross Section



144

Incident Energy (MeV)

52-Te-126