

Program EVALPLOT
(Version 2018-1)

by

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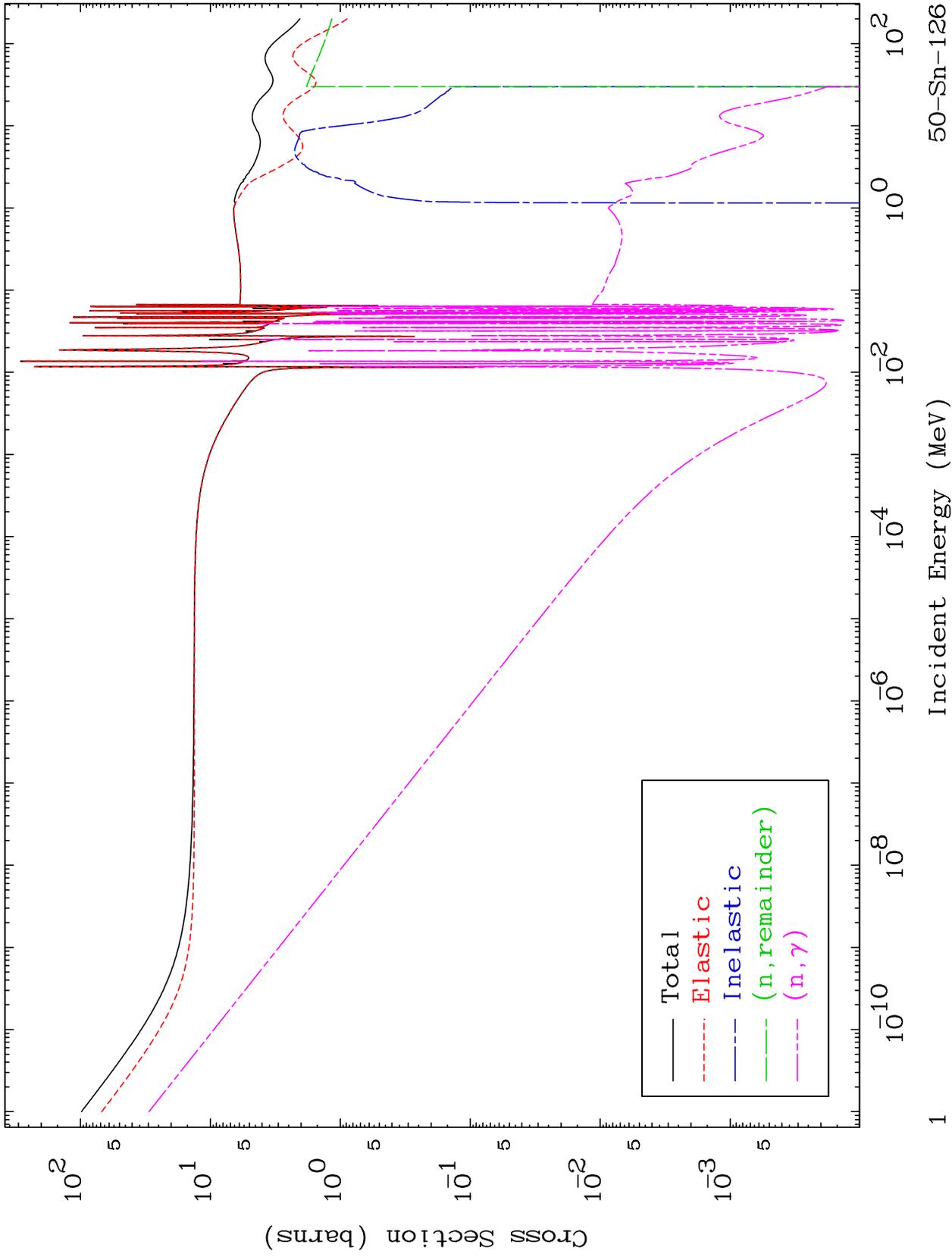
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MAT 5067

Major

293 Kelvin Cross Sections

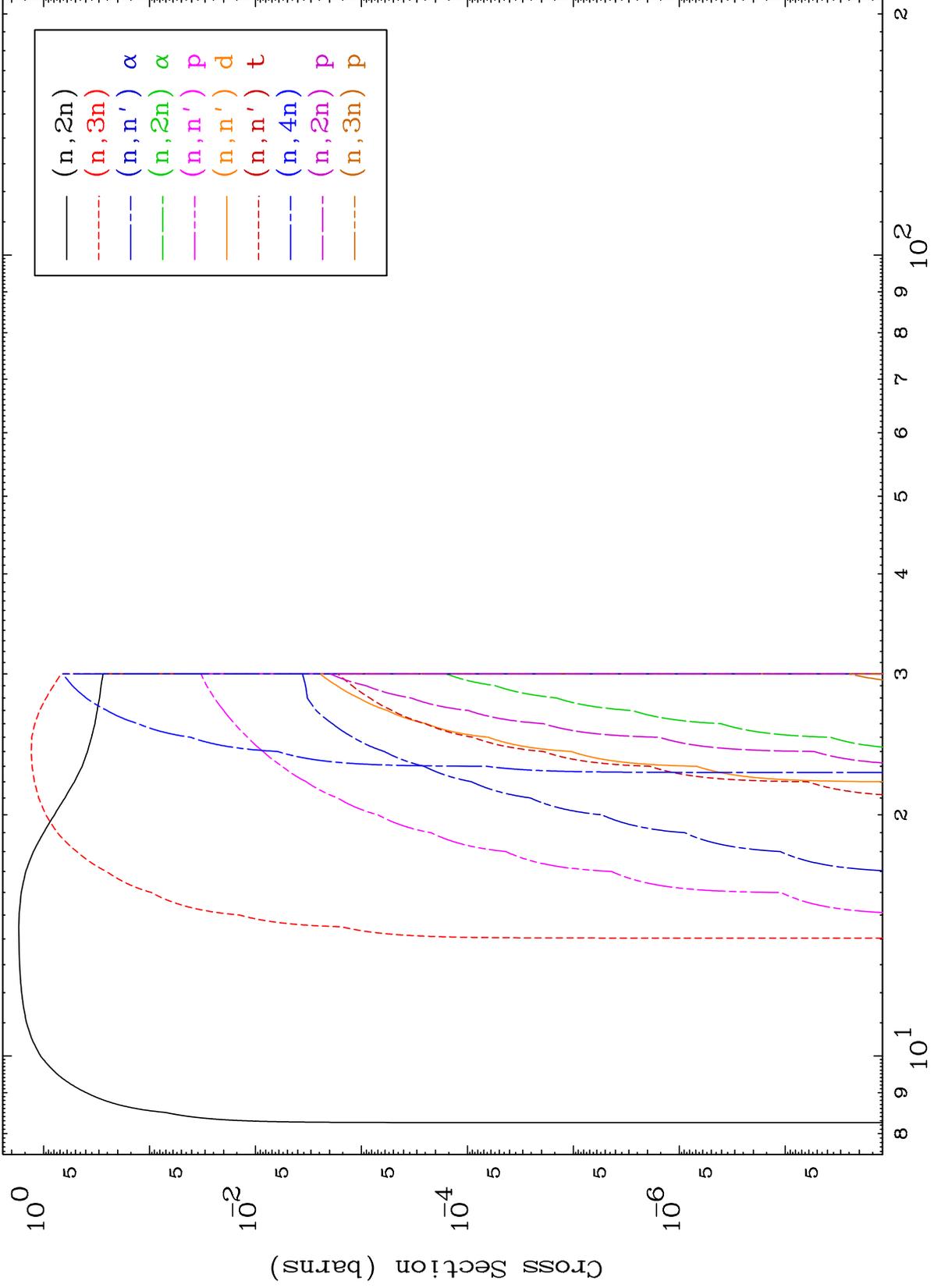
50-Sn-126



MAT 5067

Neutron Production
293 Kelvin Cross Sections

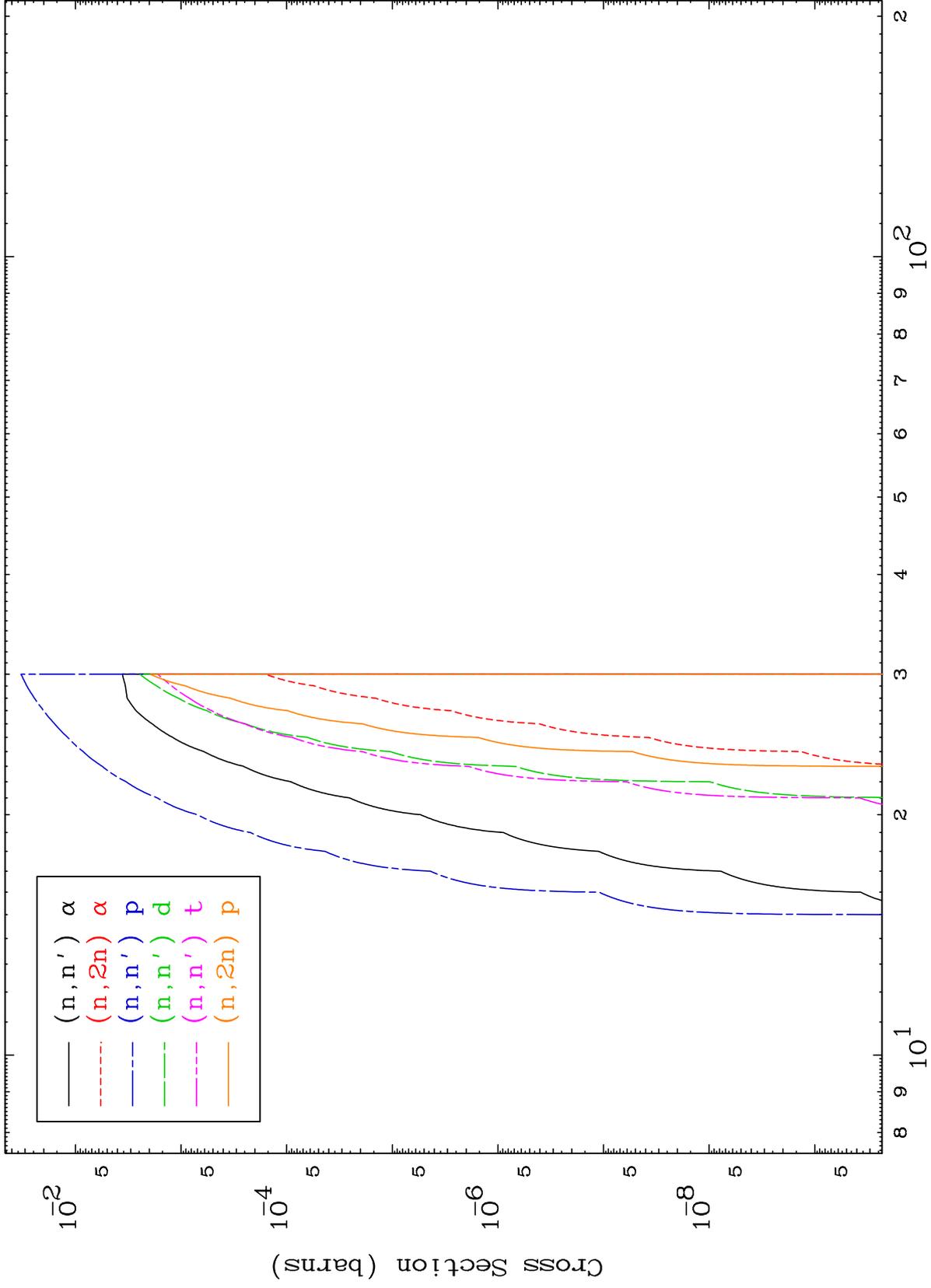
50-Sn-126



50-Sn-126

Incident Energy (MeV)

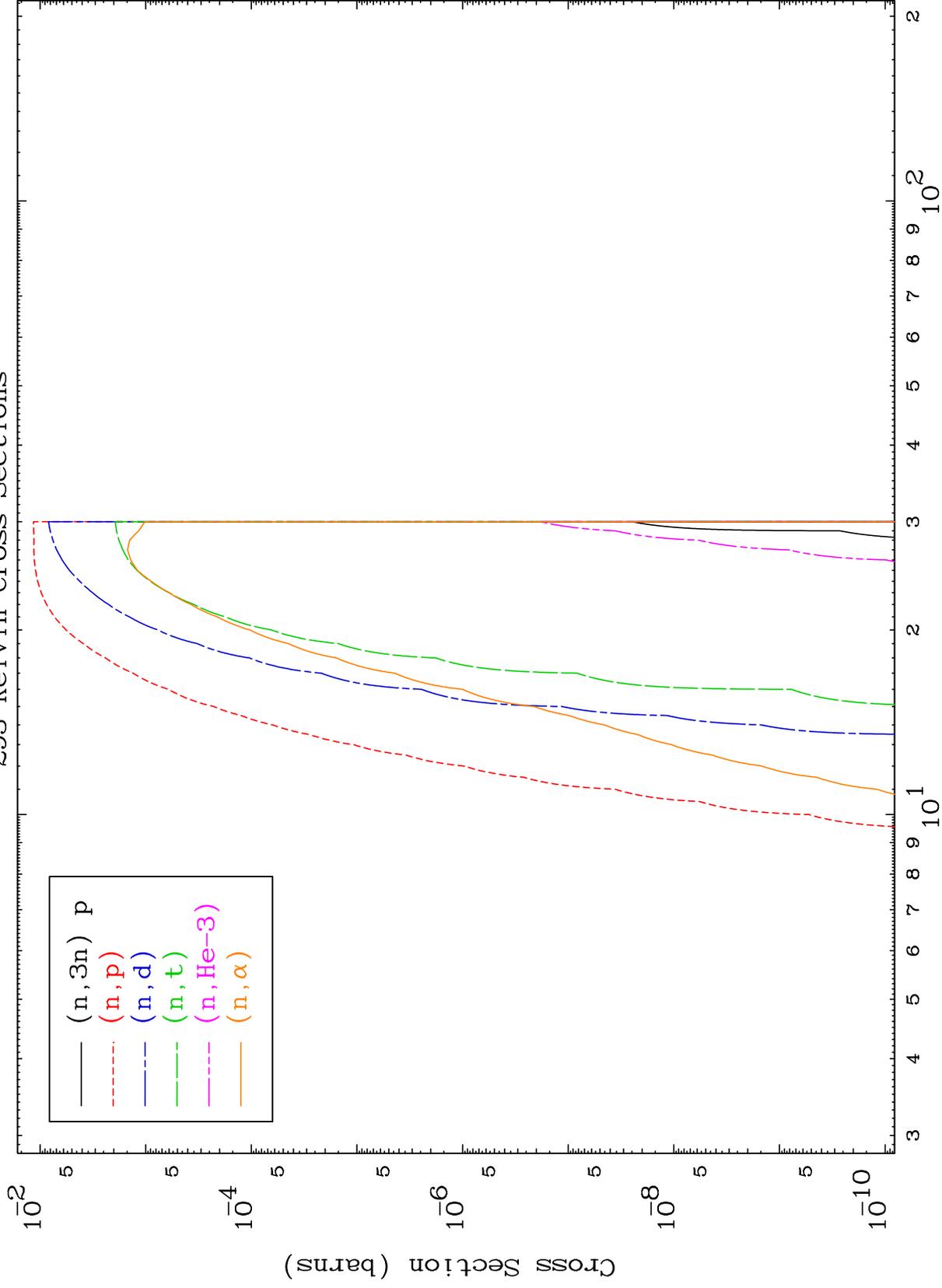
2



MAT 5067

Charged Particle
293 Kelvin Cross Sections

50-Sn-126



Incident Energy (MeV)

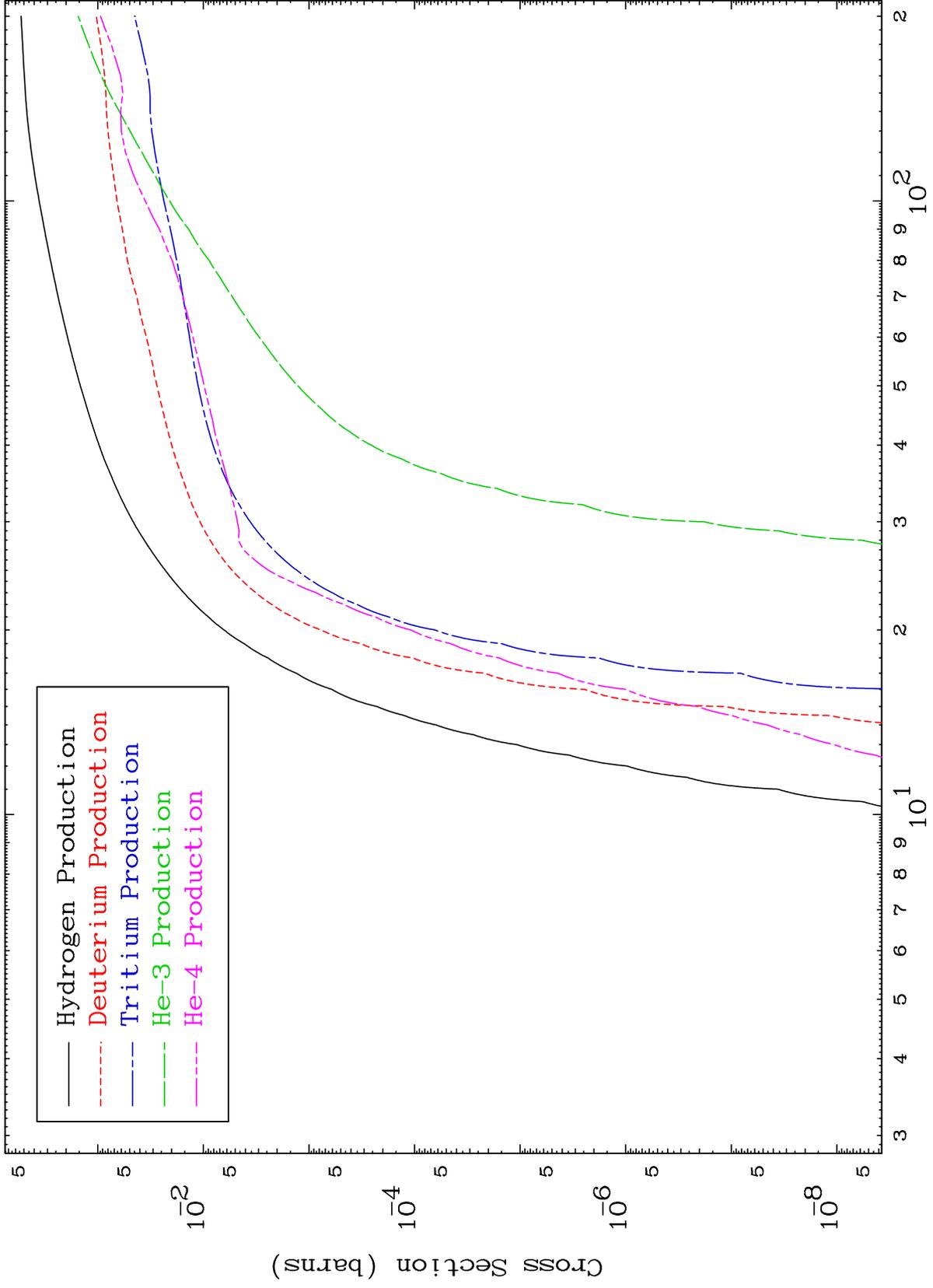
50-Sn-126

4

MAT 5067

Particle Production
293 Kelvin Cross Sections

50-Sn-126



5

Incident Energy (MeV)

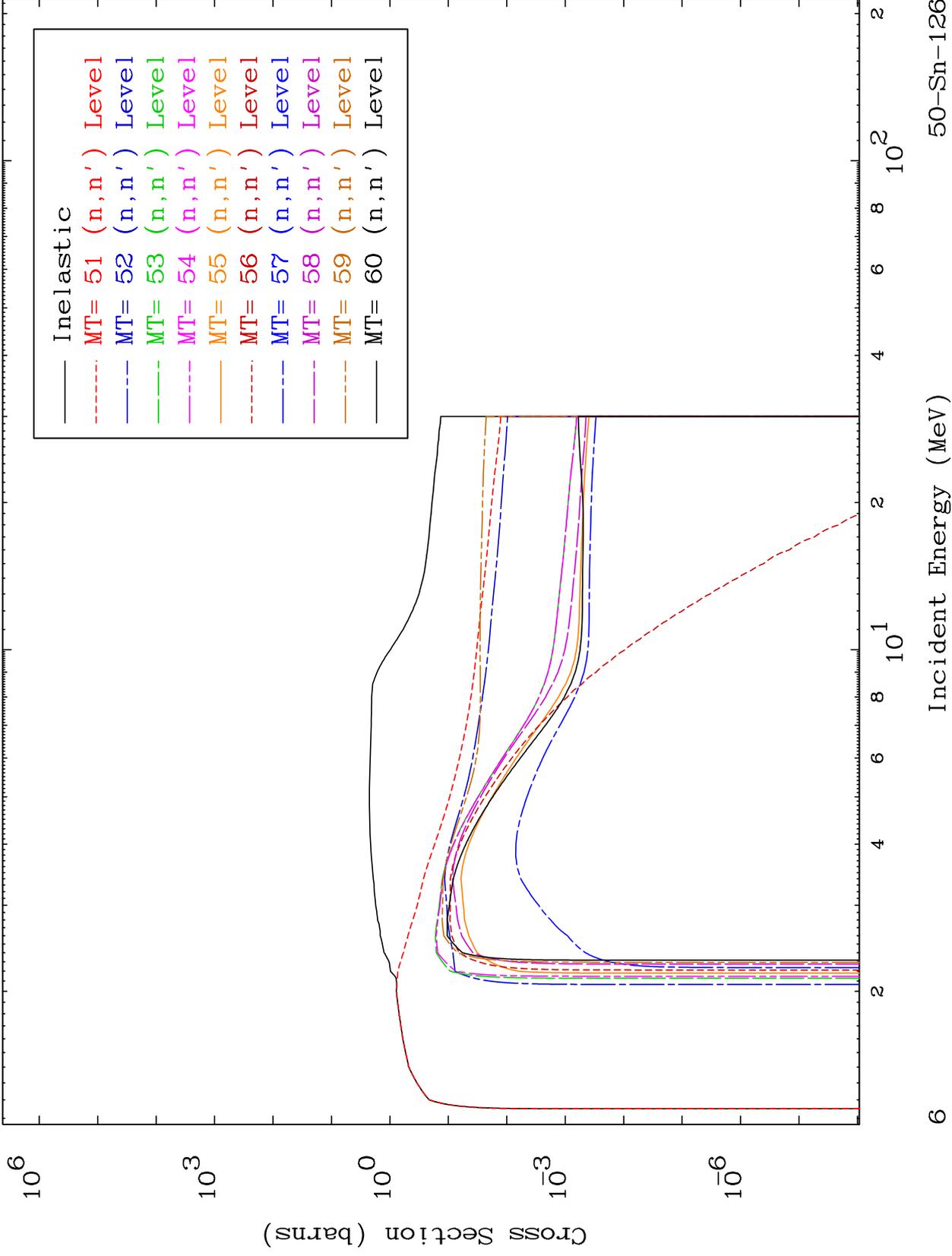
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MAT 5067

(n,n') Level

50-Sn-126

293 Kelvin Cross Sections



6

Incident Energy (MeV)

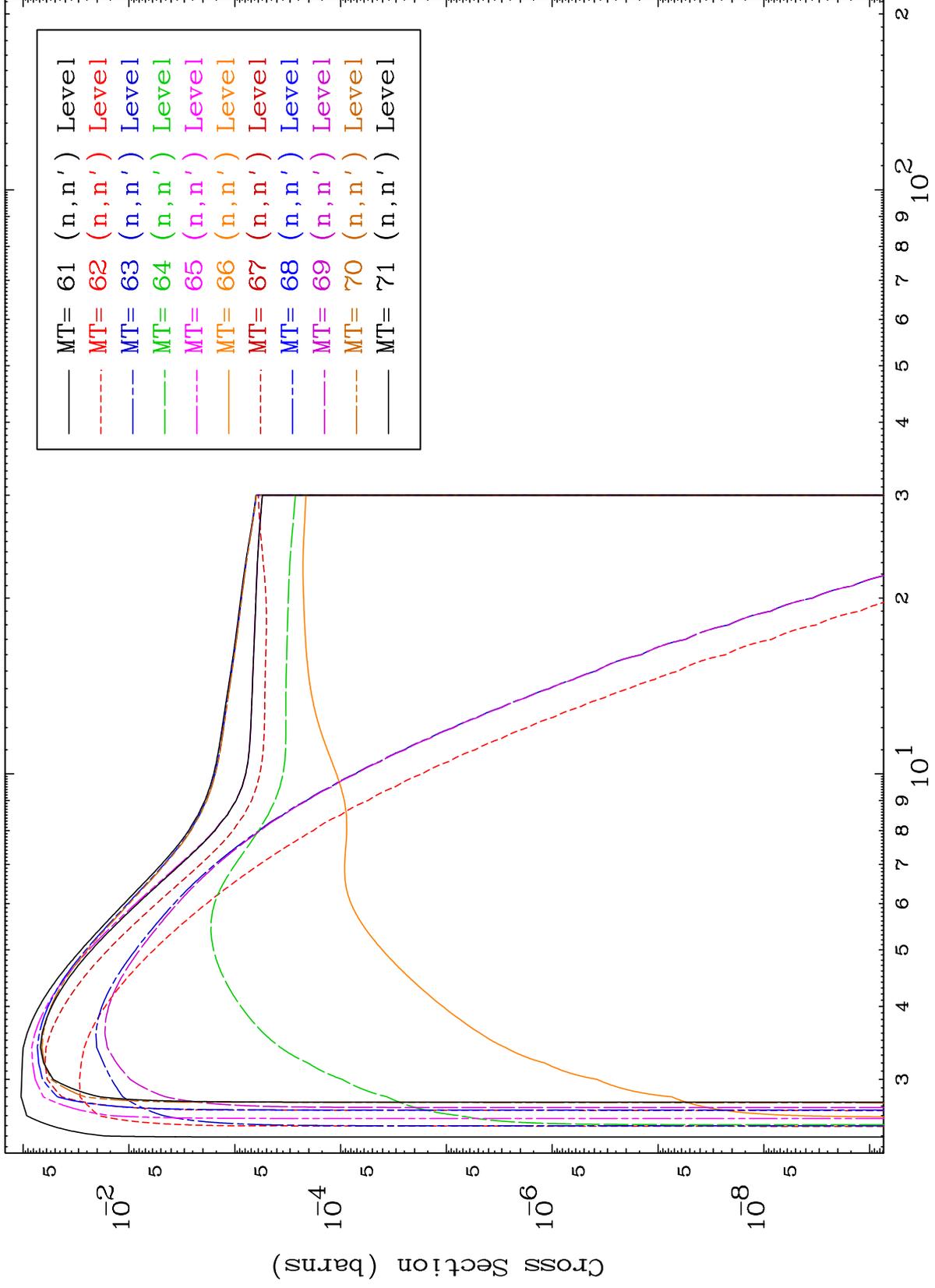
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MAT 5067

(n,n') Level

50-Sn-126

293 Kelvin Cross Sections



7

Incident Energy (MeV)

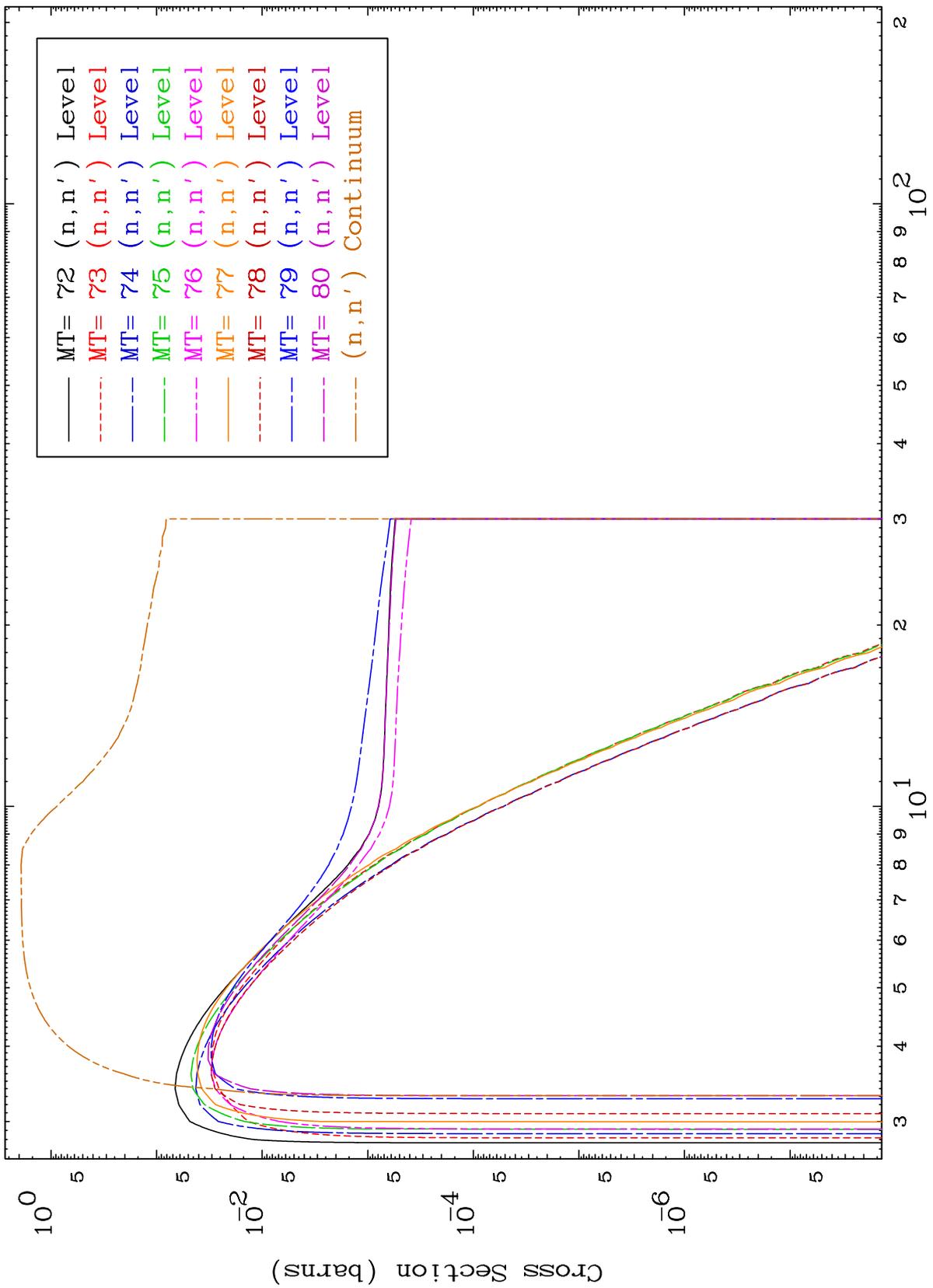
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MAT 5067

(n,n') Level

50-Sn-126

293 Kelvin Cross Sections



8

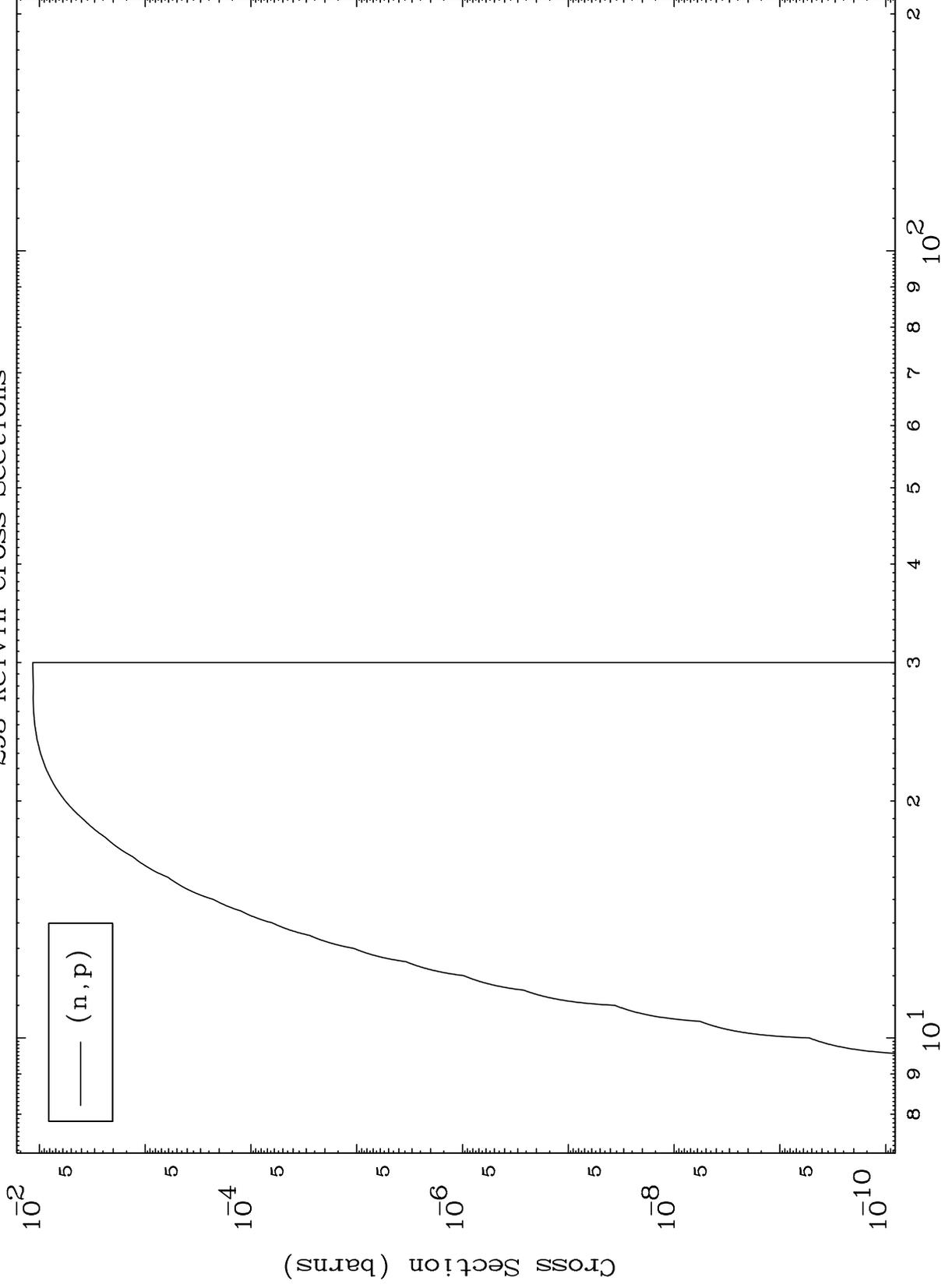
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50-Sn-126

MAT 5067

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-126



9

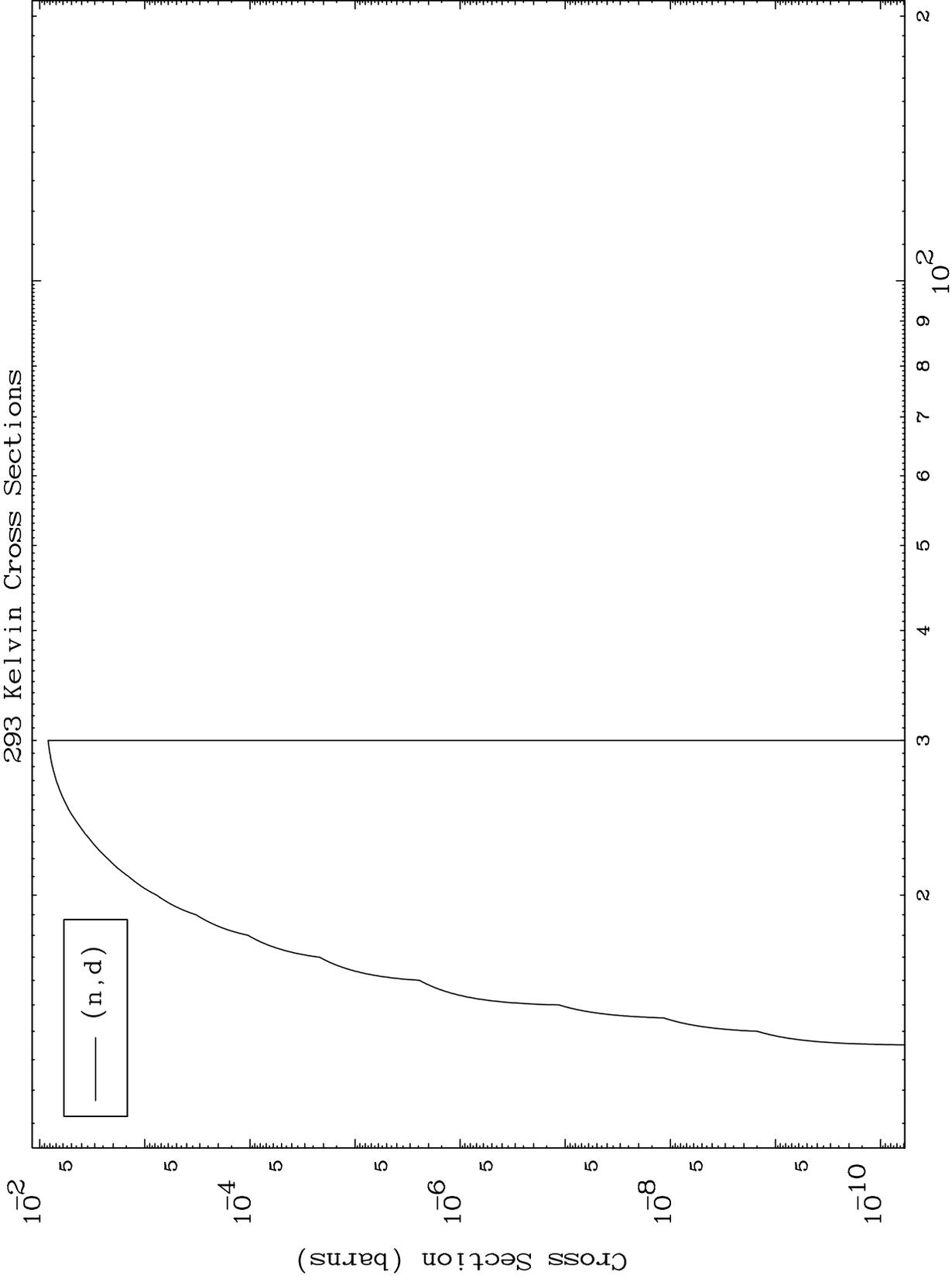
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50-Sn-126

MAT 5067

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-126



10

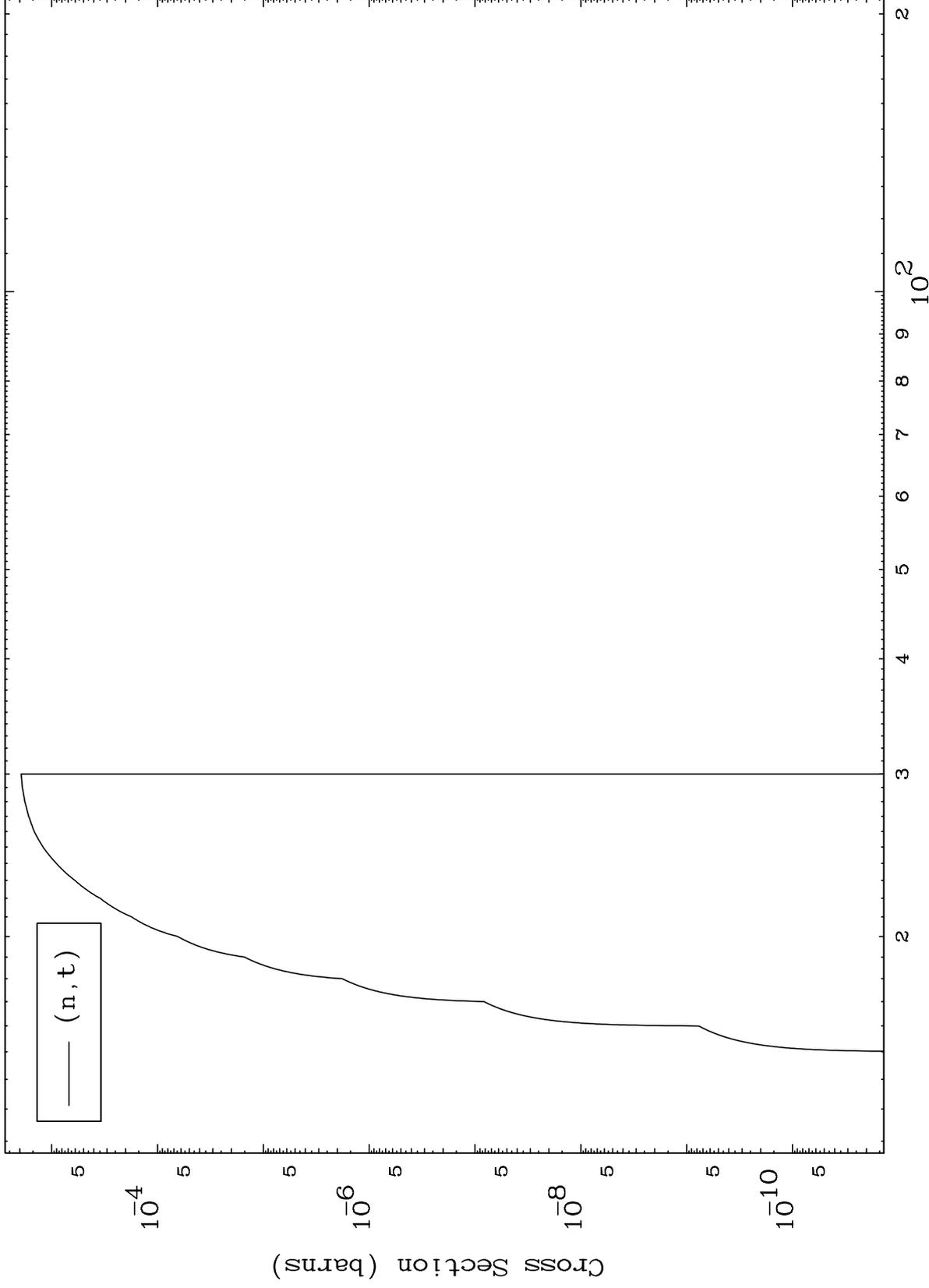
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MAT 5067

(n,t) Levels
293 Kelvin Cross Sections

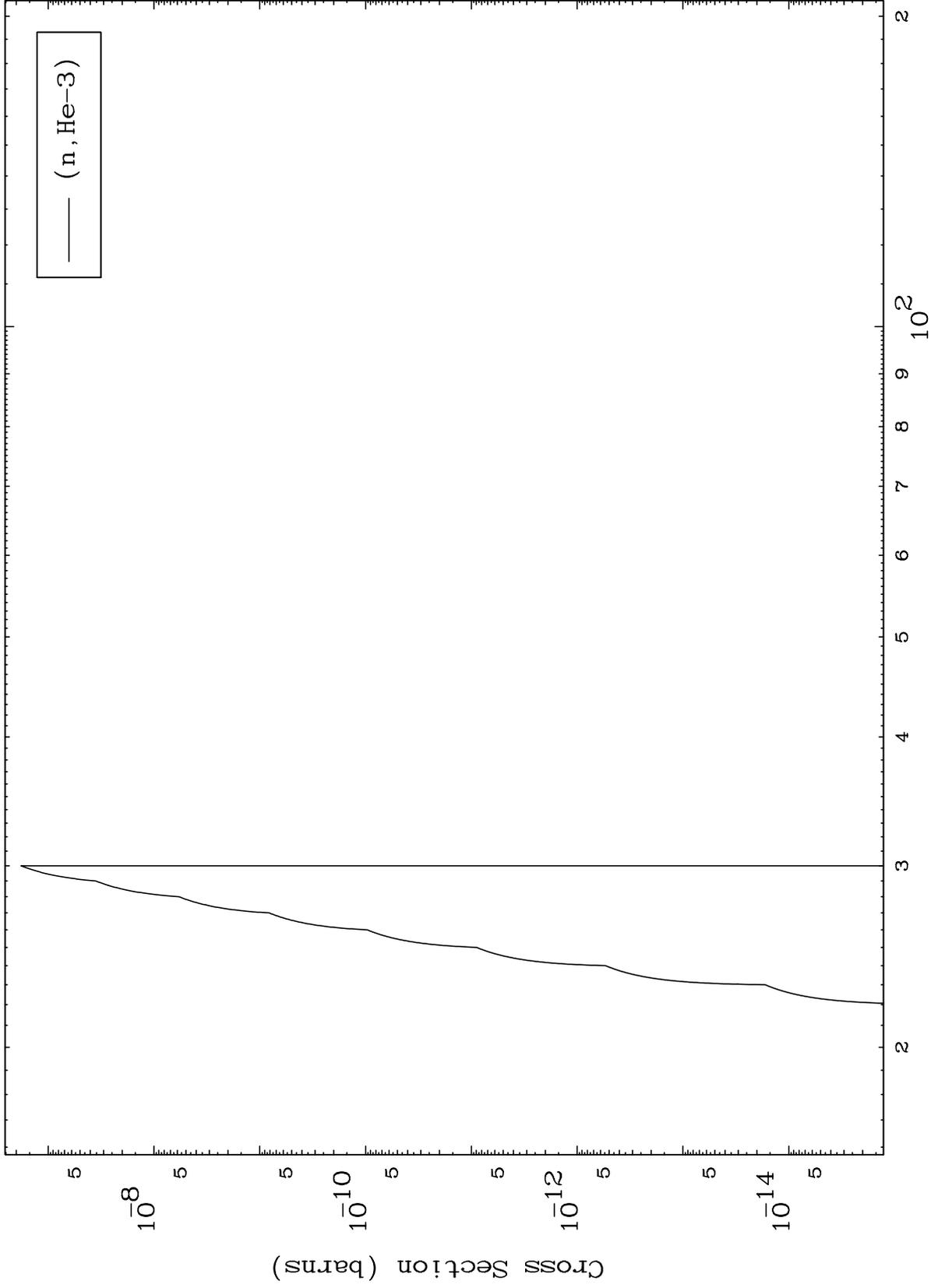
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MAT 5067

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-126



12

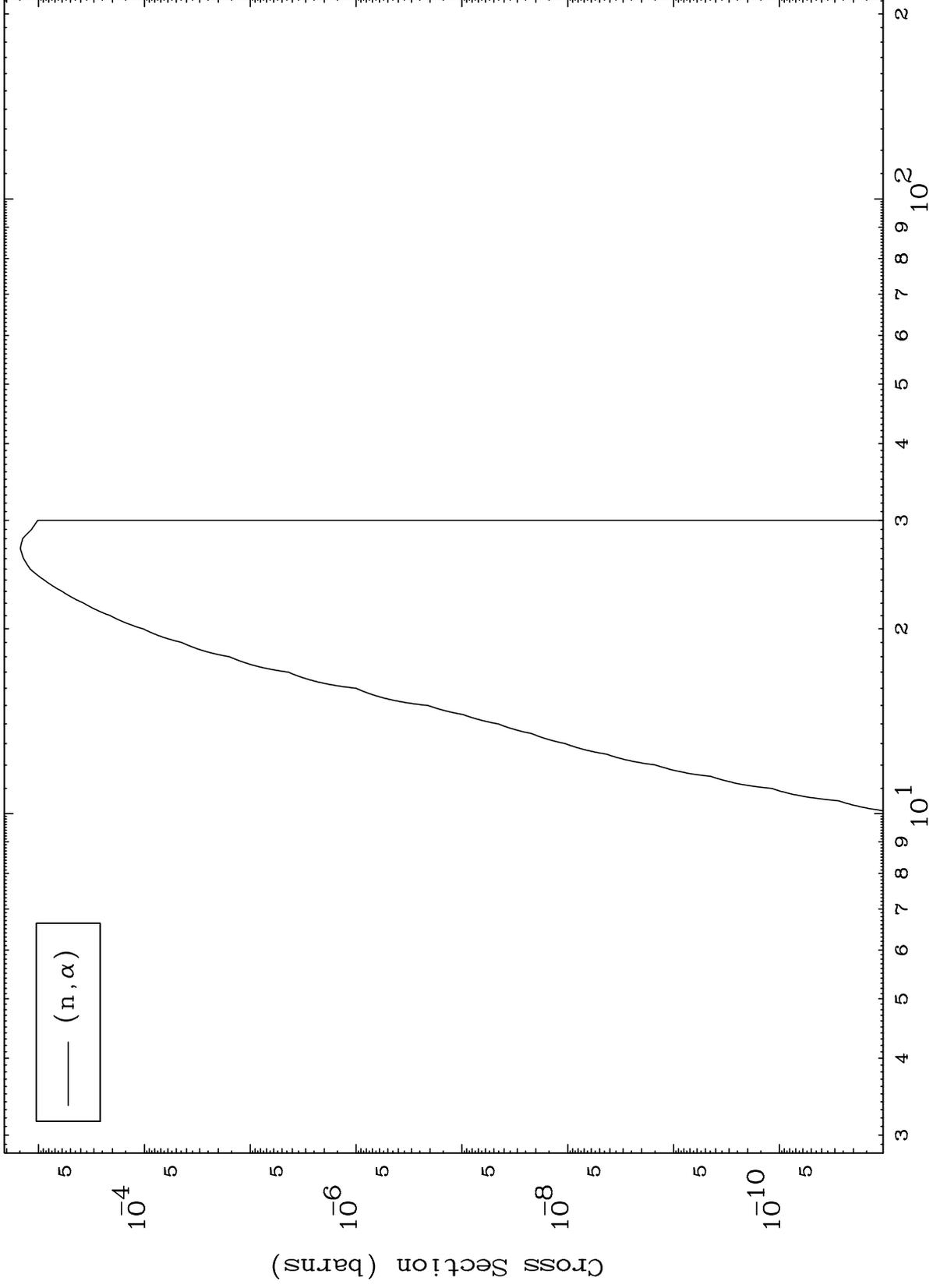
Incident Energy (MeV)

50-Sn-126

MAT 5067

(n, α) Levels
293 Kelvin Cross Sections

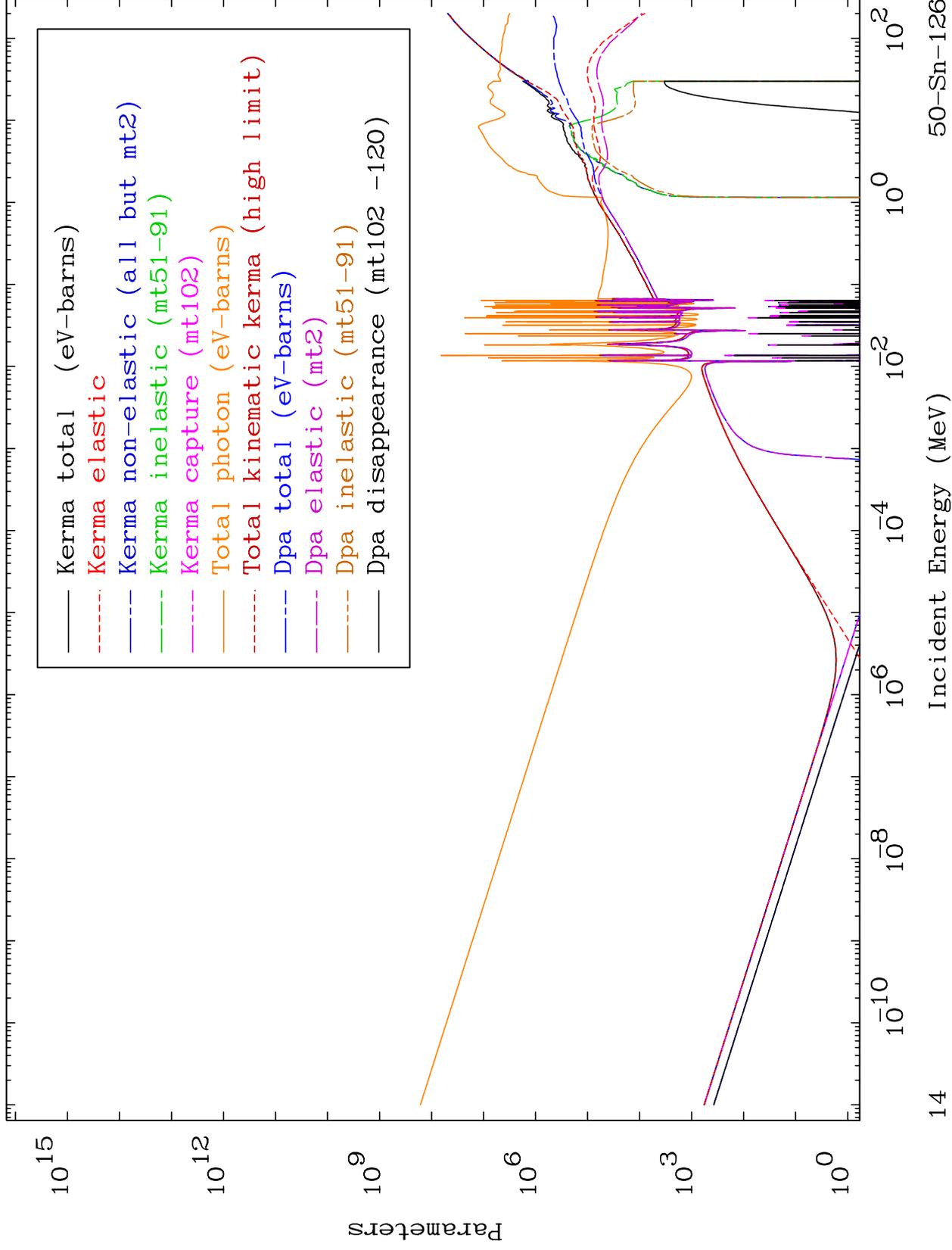
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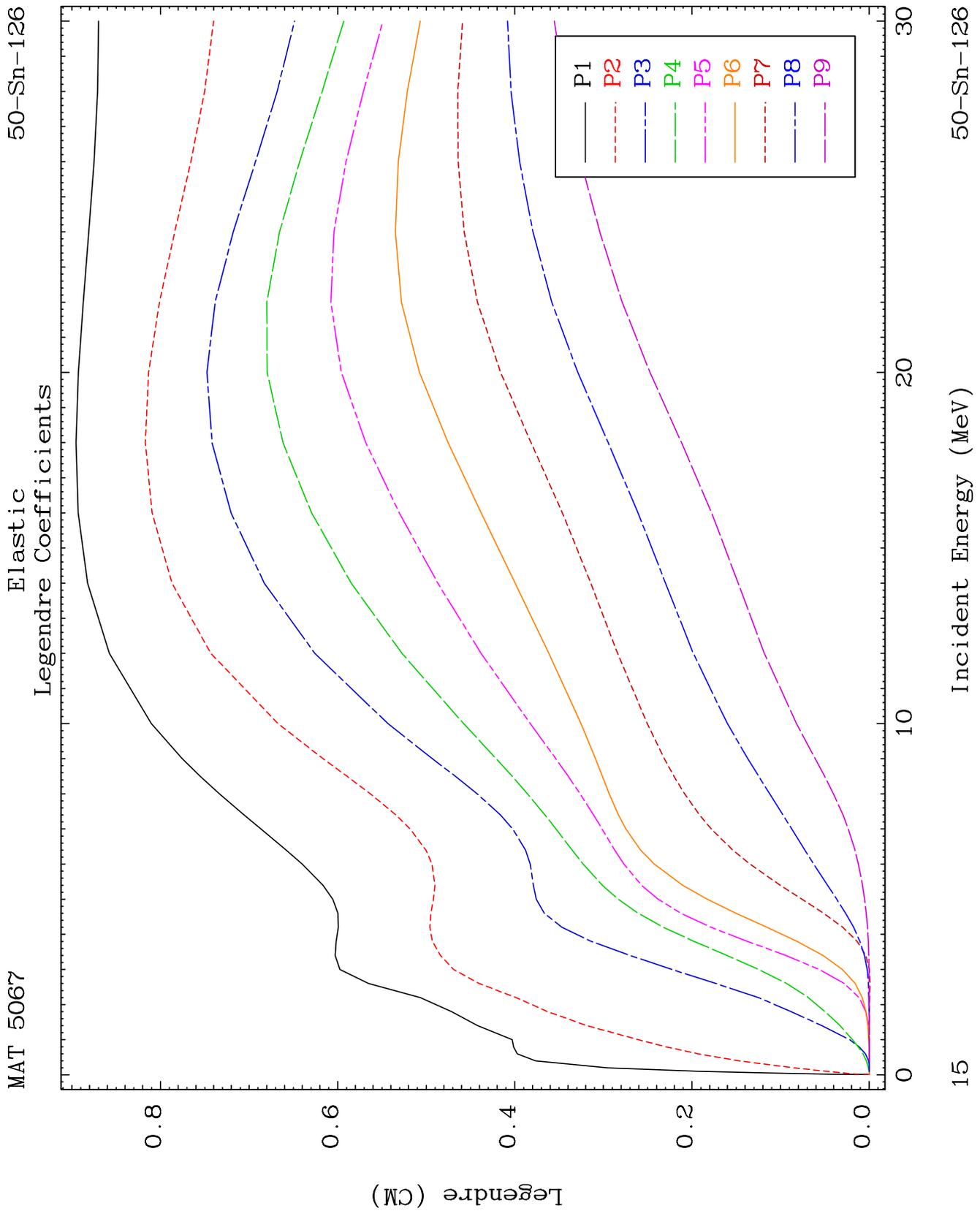


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Incident Energy (MeV)

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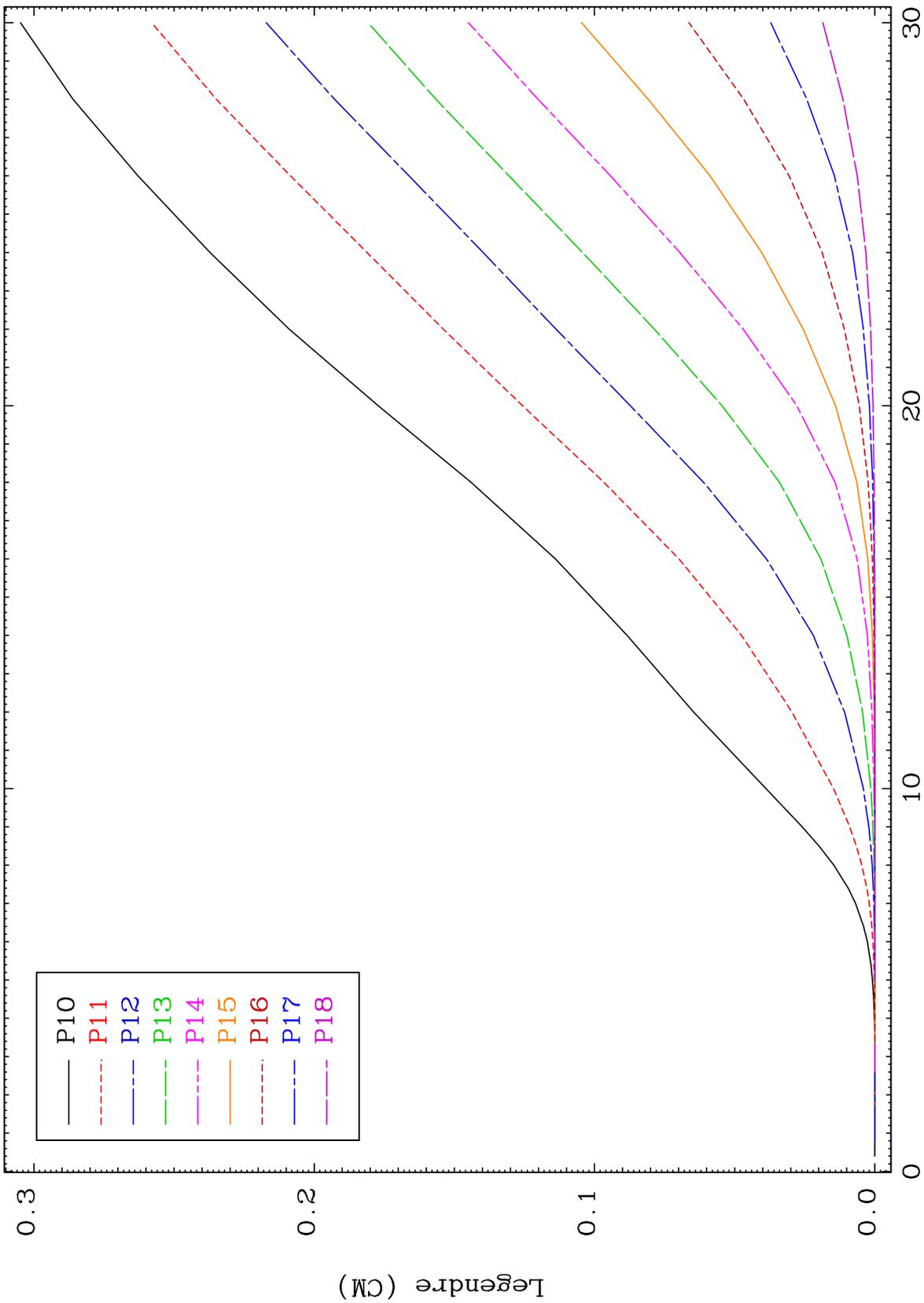




MAT 5067

Elastic
Legendre Coefficients

50-Sn-126



16

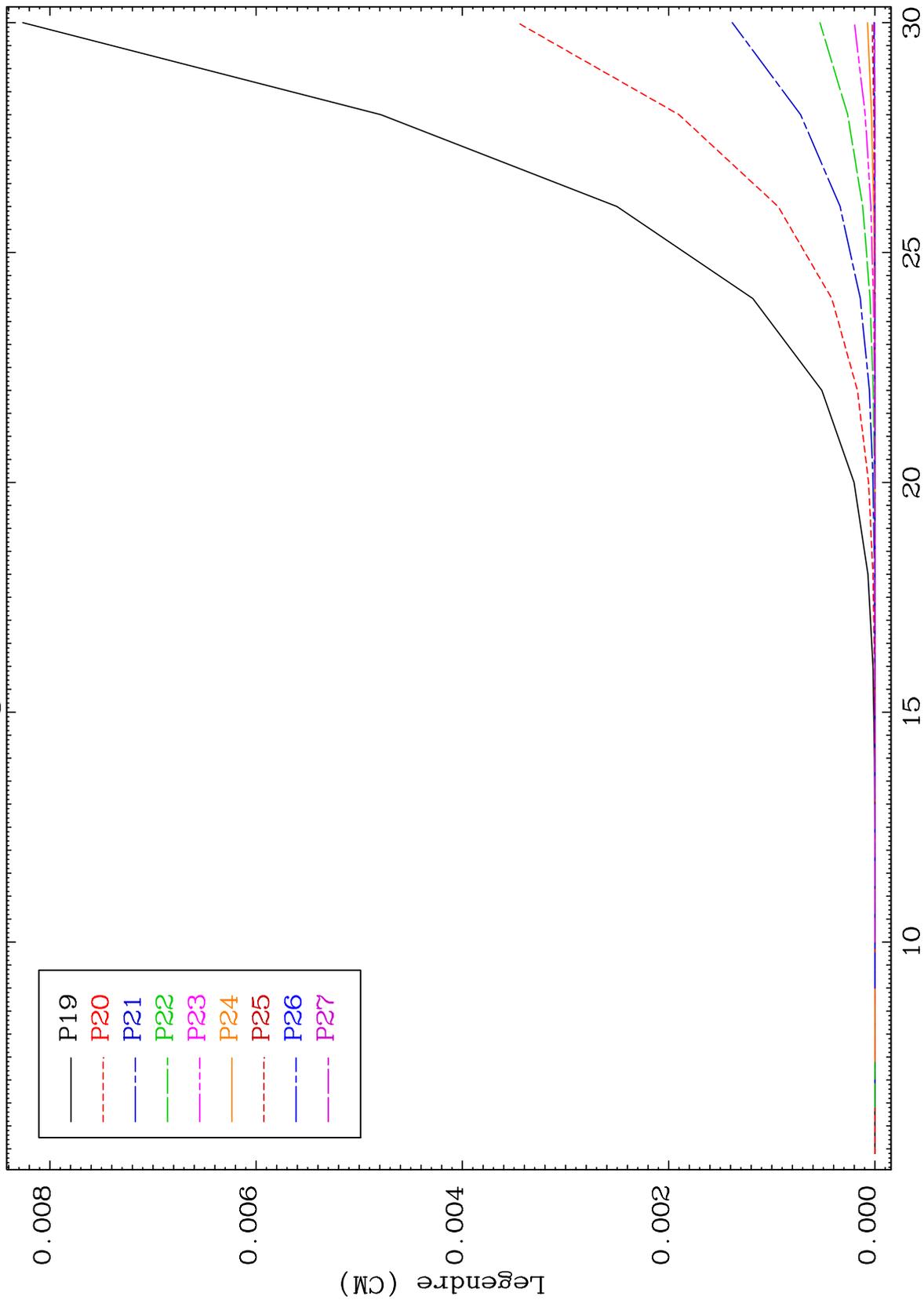
Incident Energy (MeV)

50-Sn-126

MAT 5067

Elastic
Legendre Coefficients

50-Sn-126



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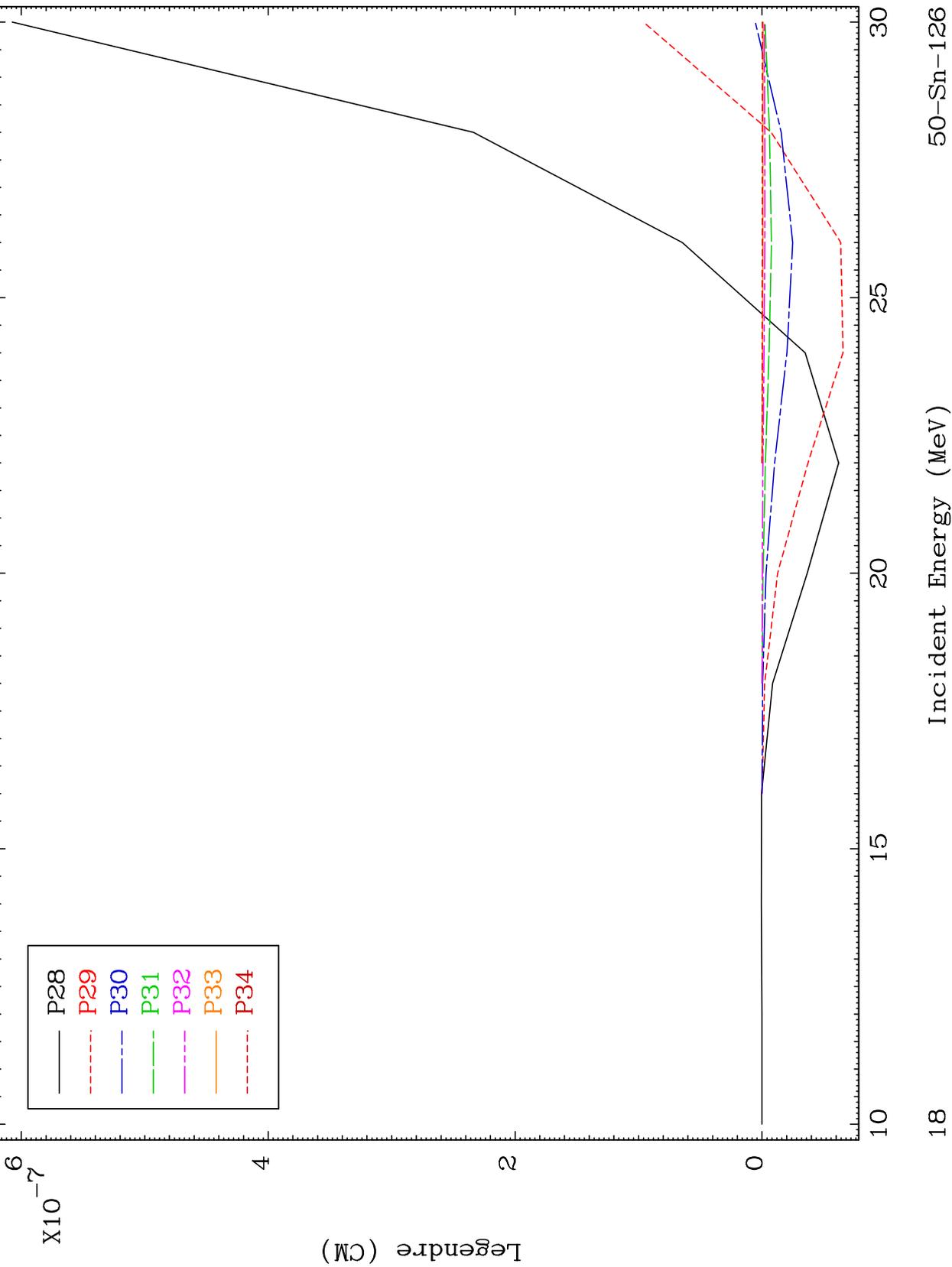
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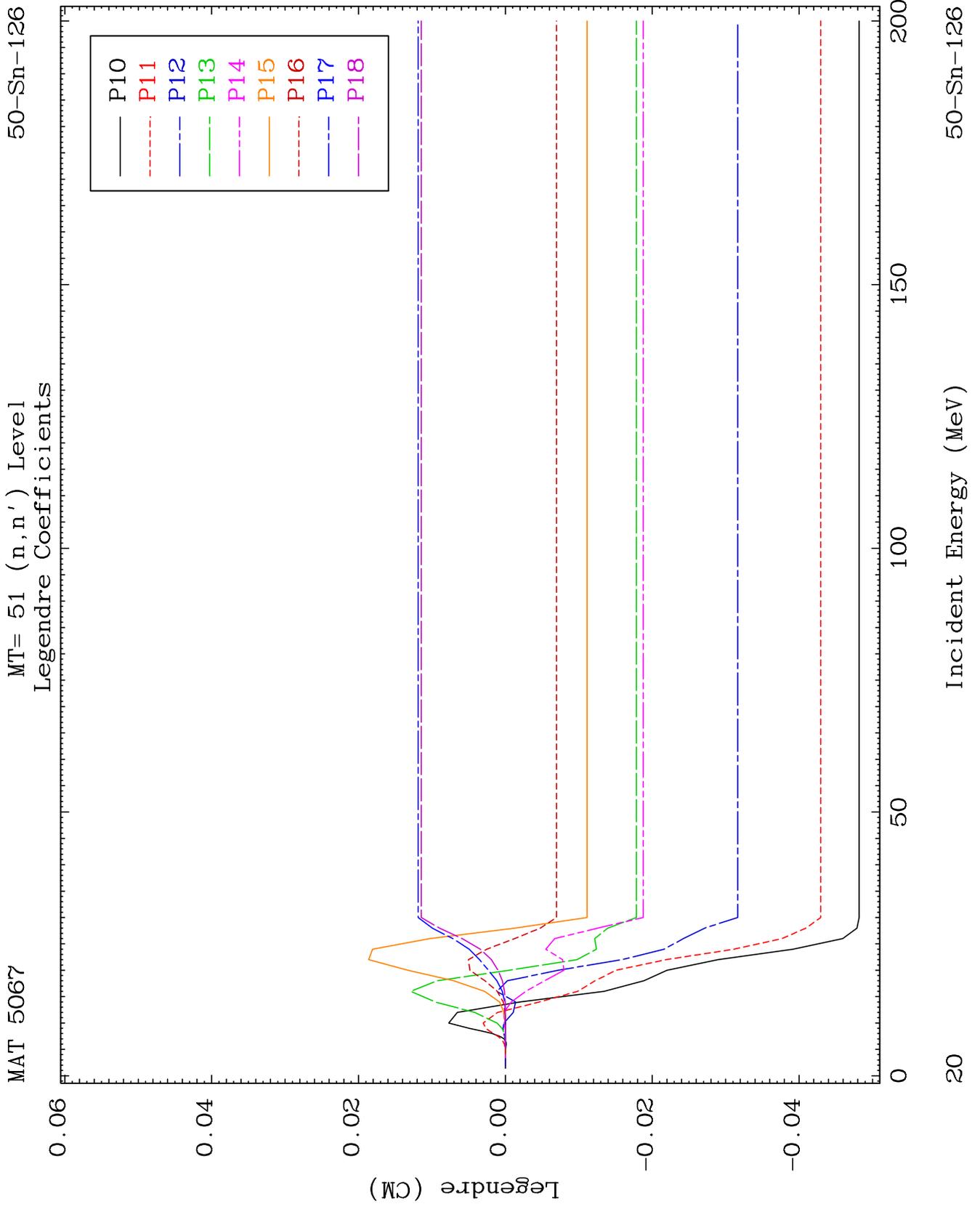
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MAT 5067

Elastic Legendre Coefficients

50-Sn-126

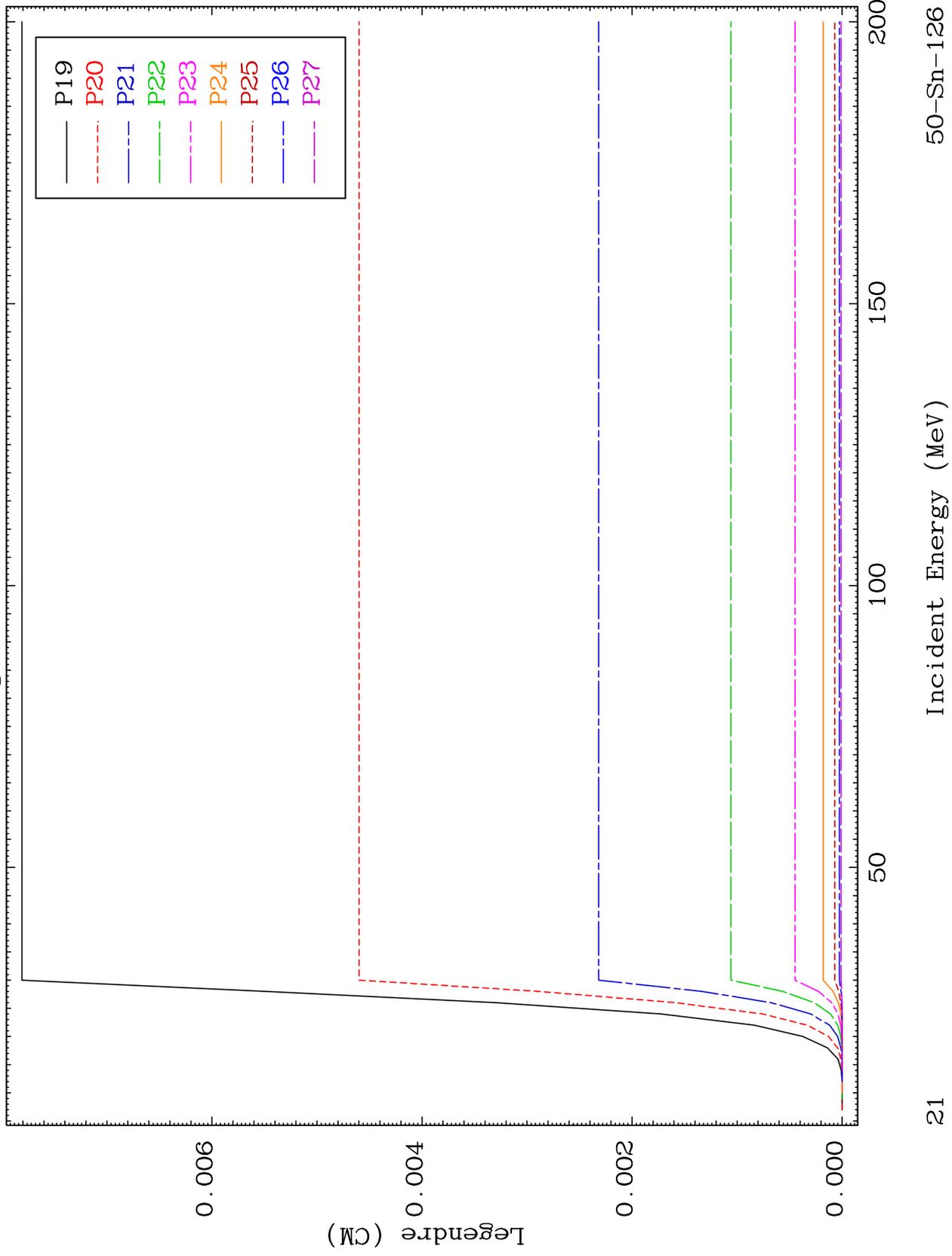




MAT 5067

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

50-Sn-126



21

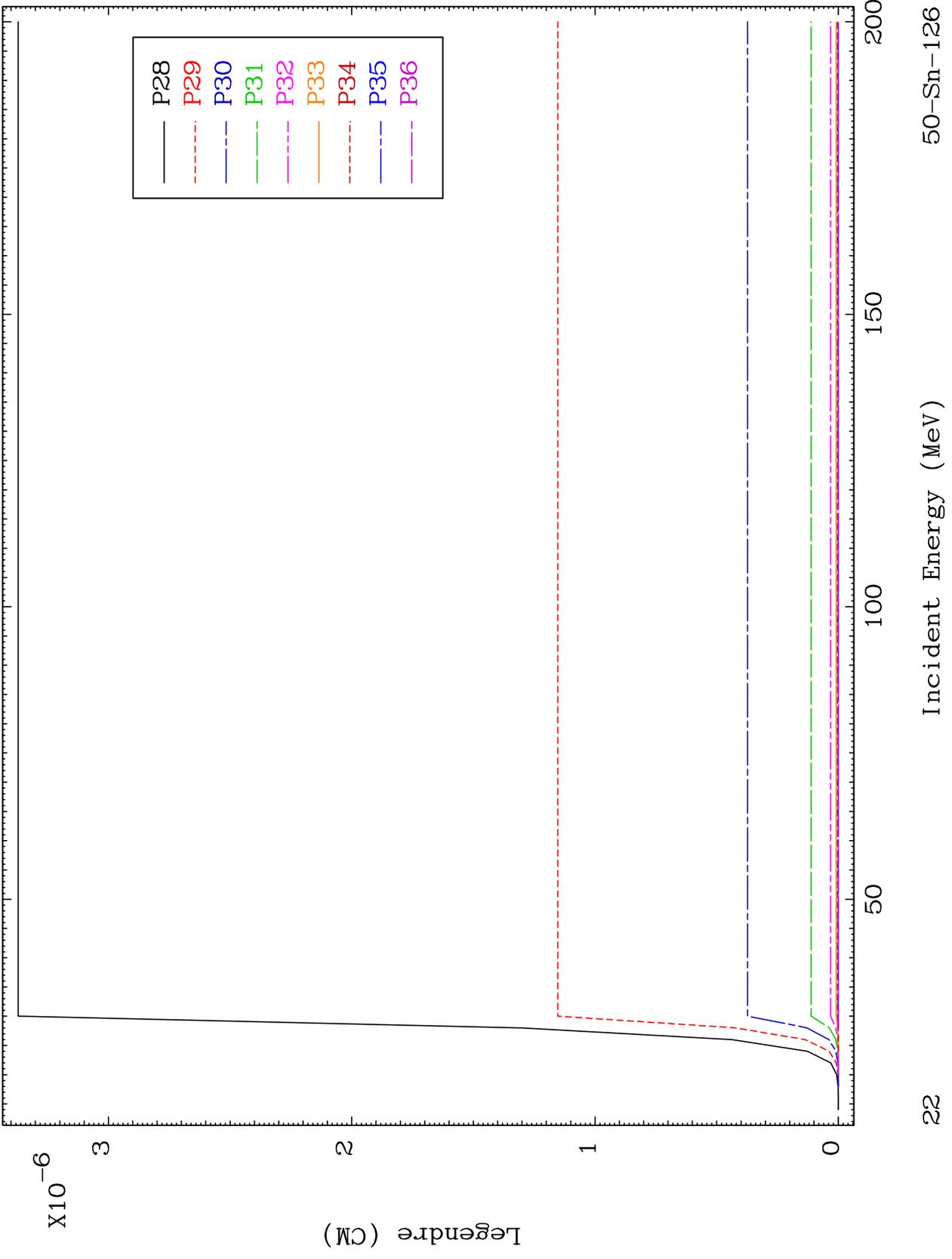
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126

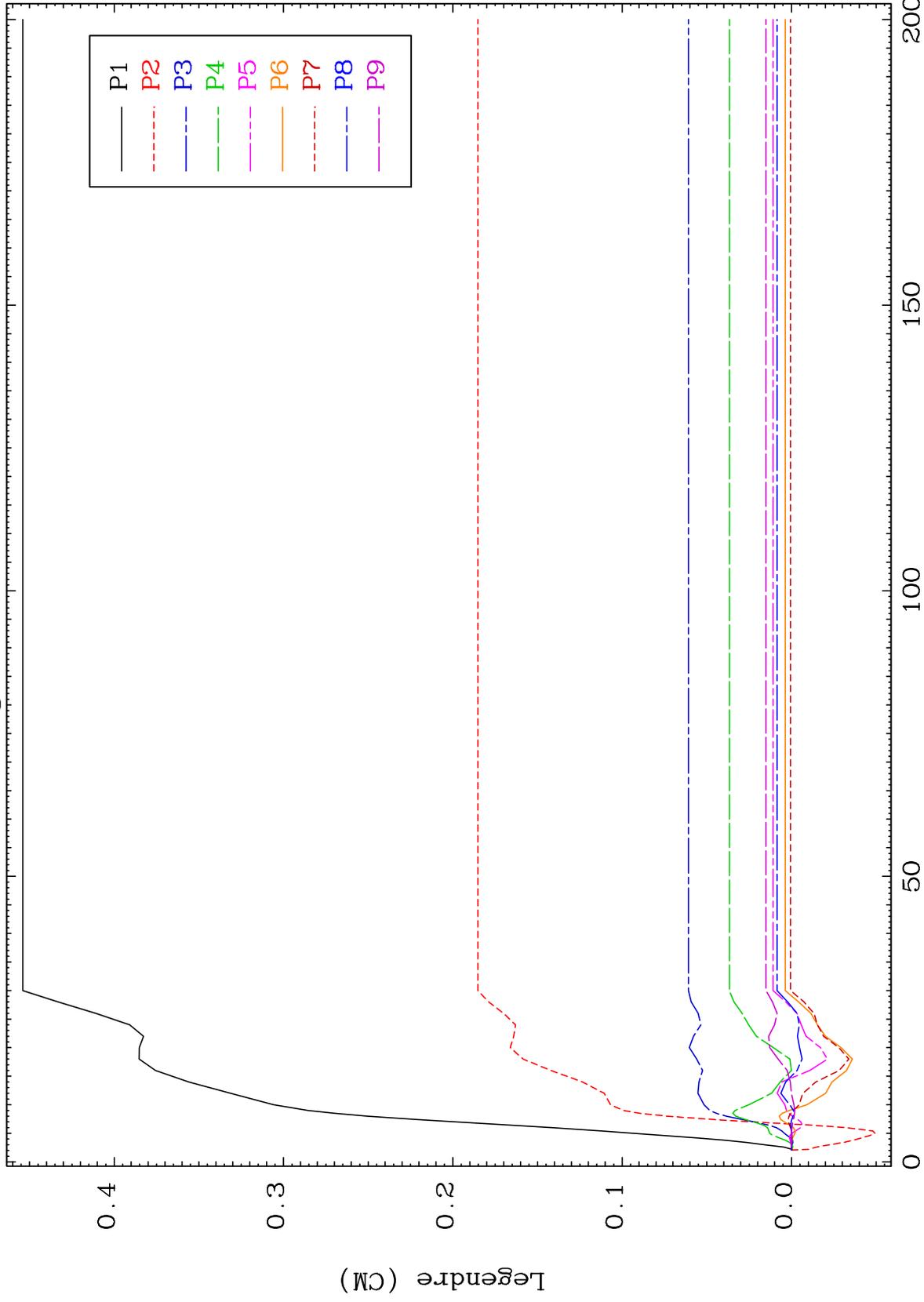


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MAT 5067

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

50-Sn-126



50-Sn-126

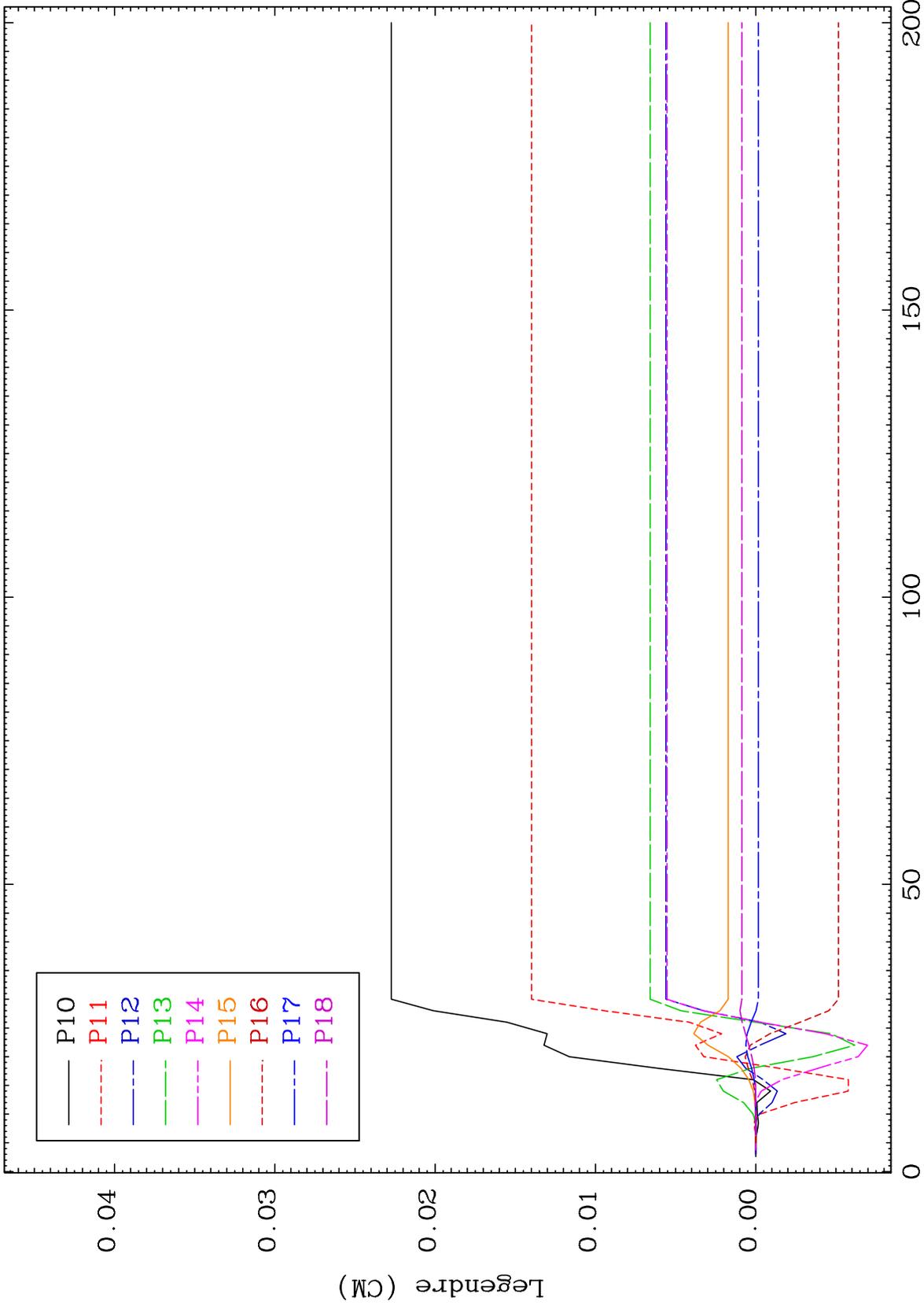
Incident Energy (MeV)

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MAT 5067

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

50-Sn-126



24

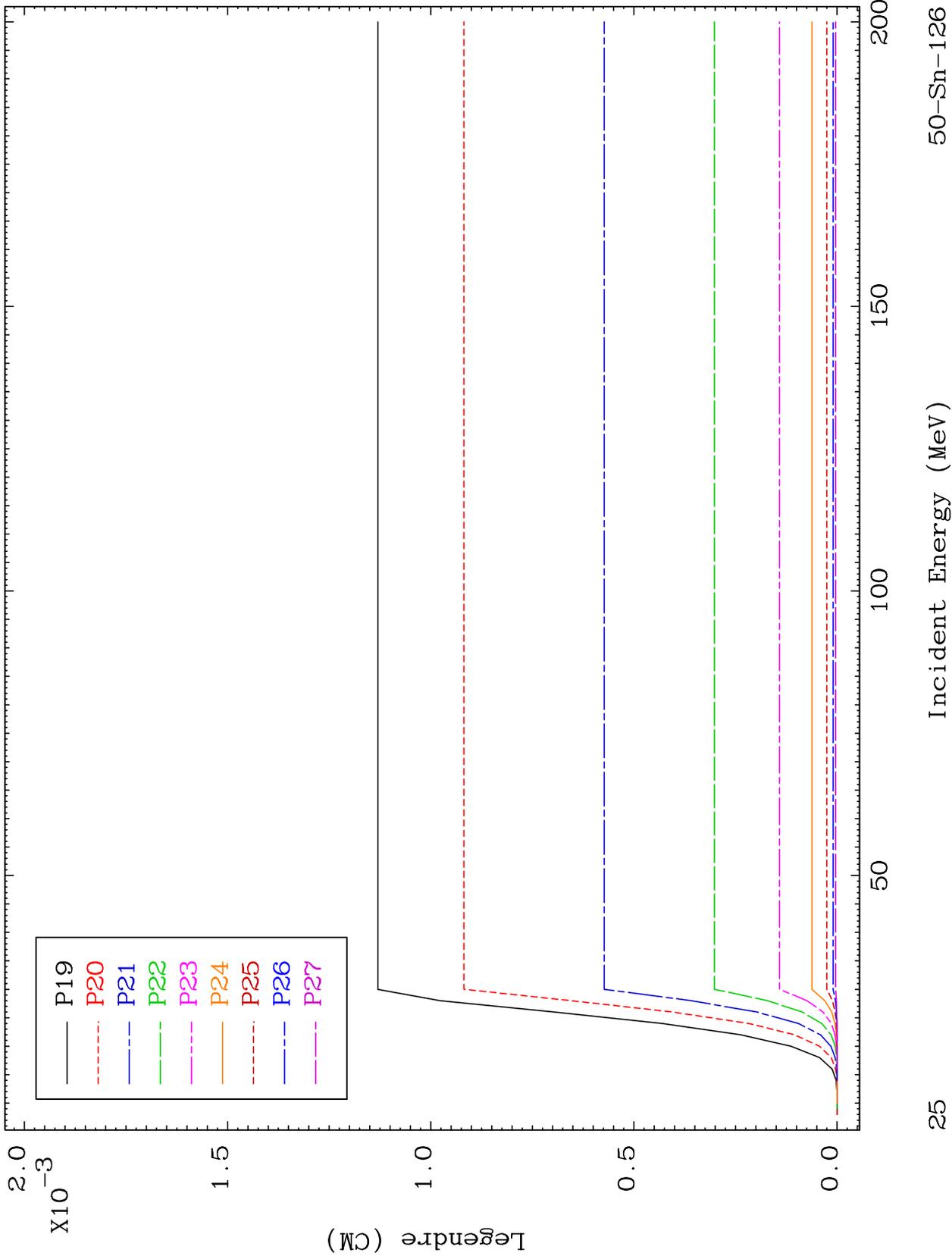
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

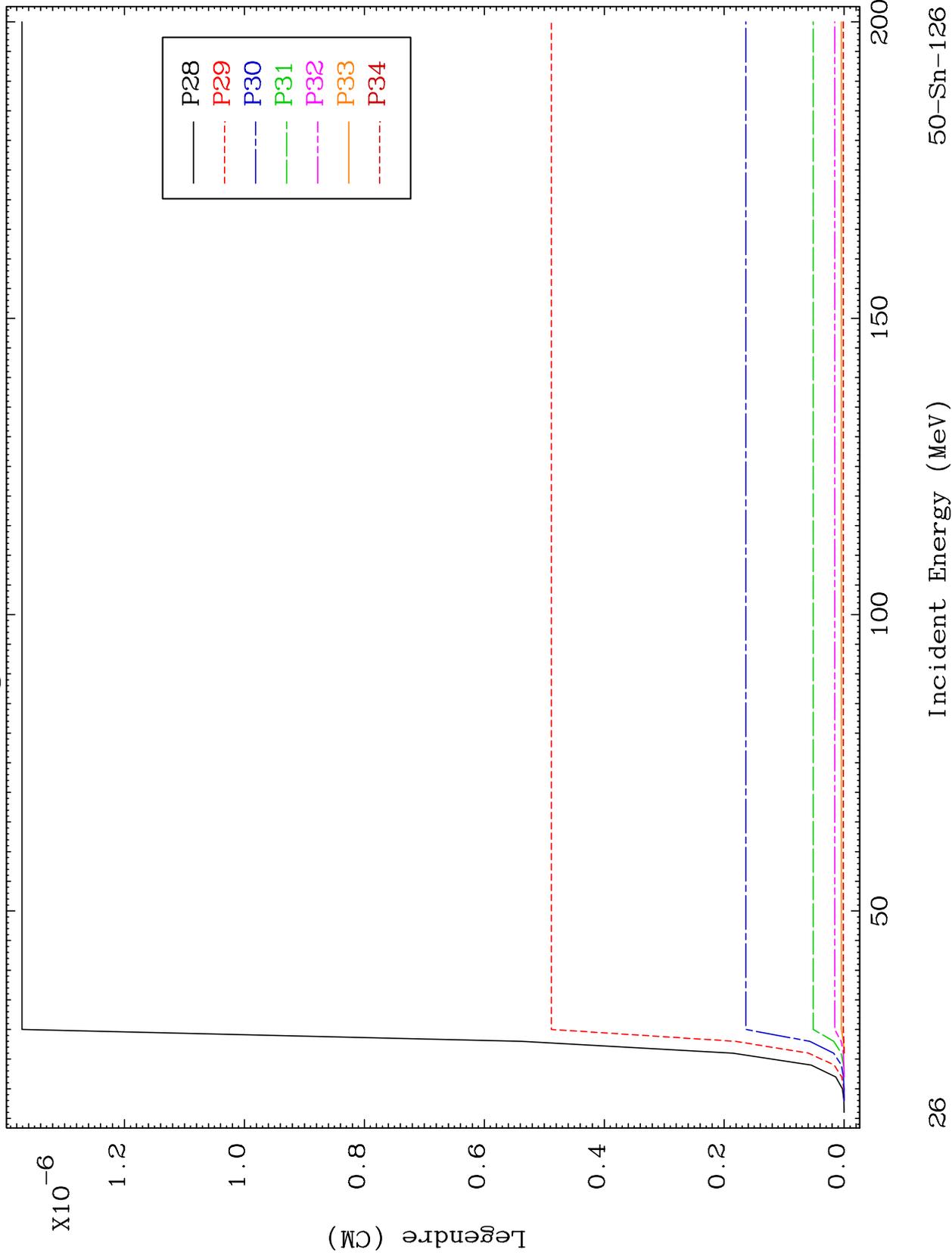
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MAT 5067

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

50-Sn-126

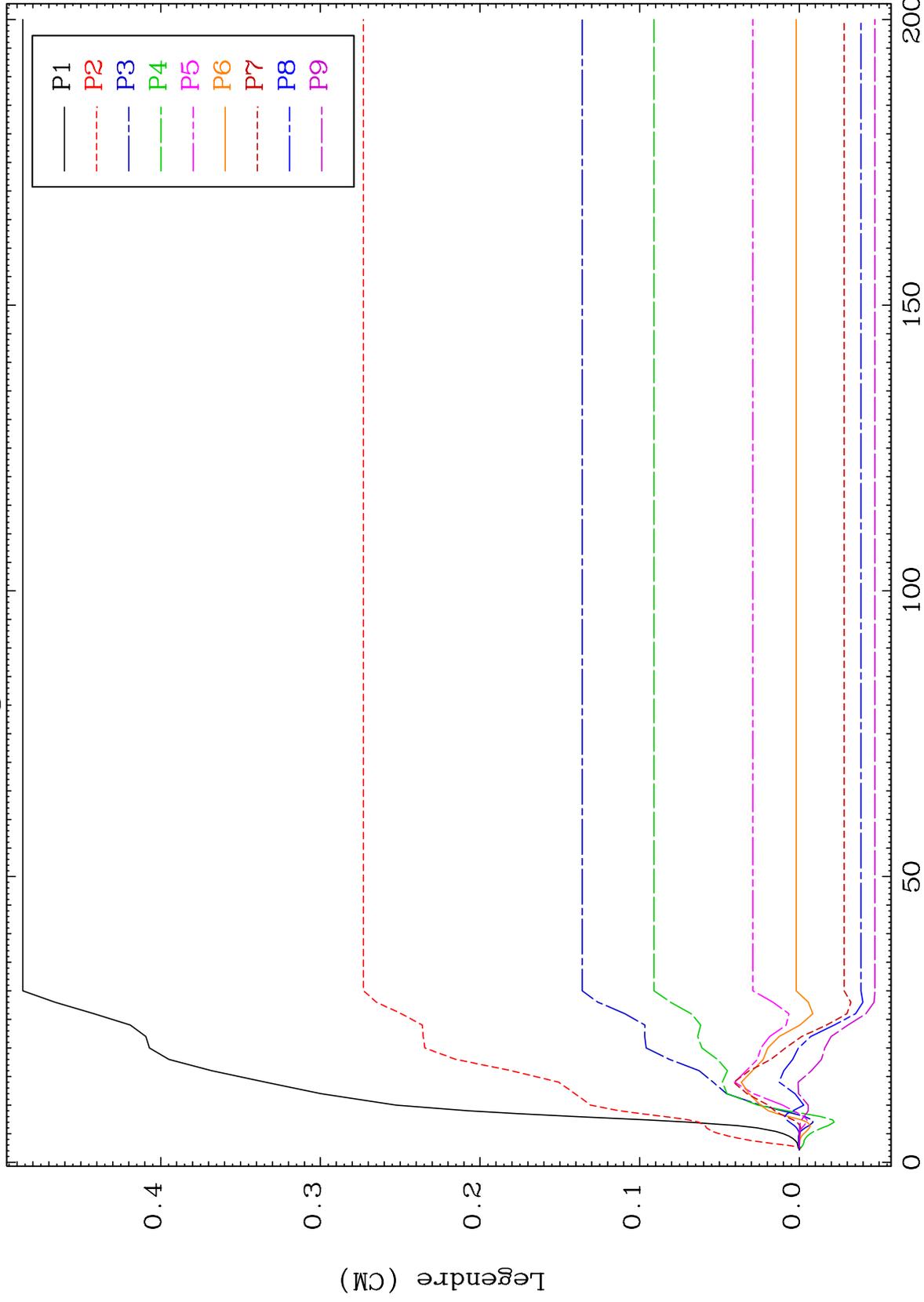


26

MAT 5067

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

50-Sn-126



27

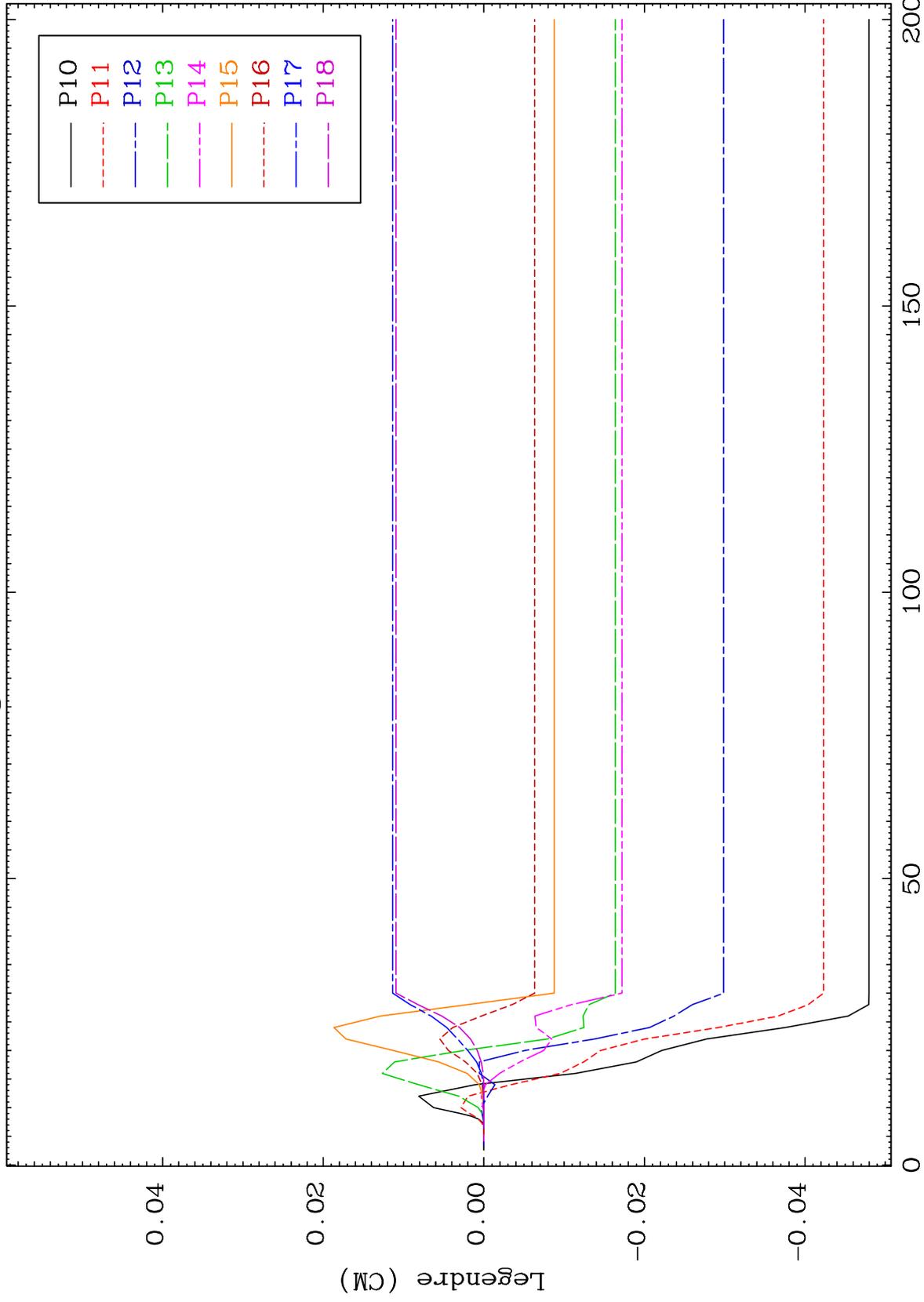
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



28

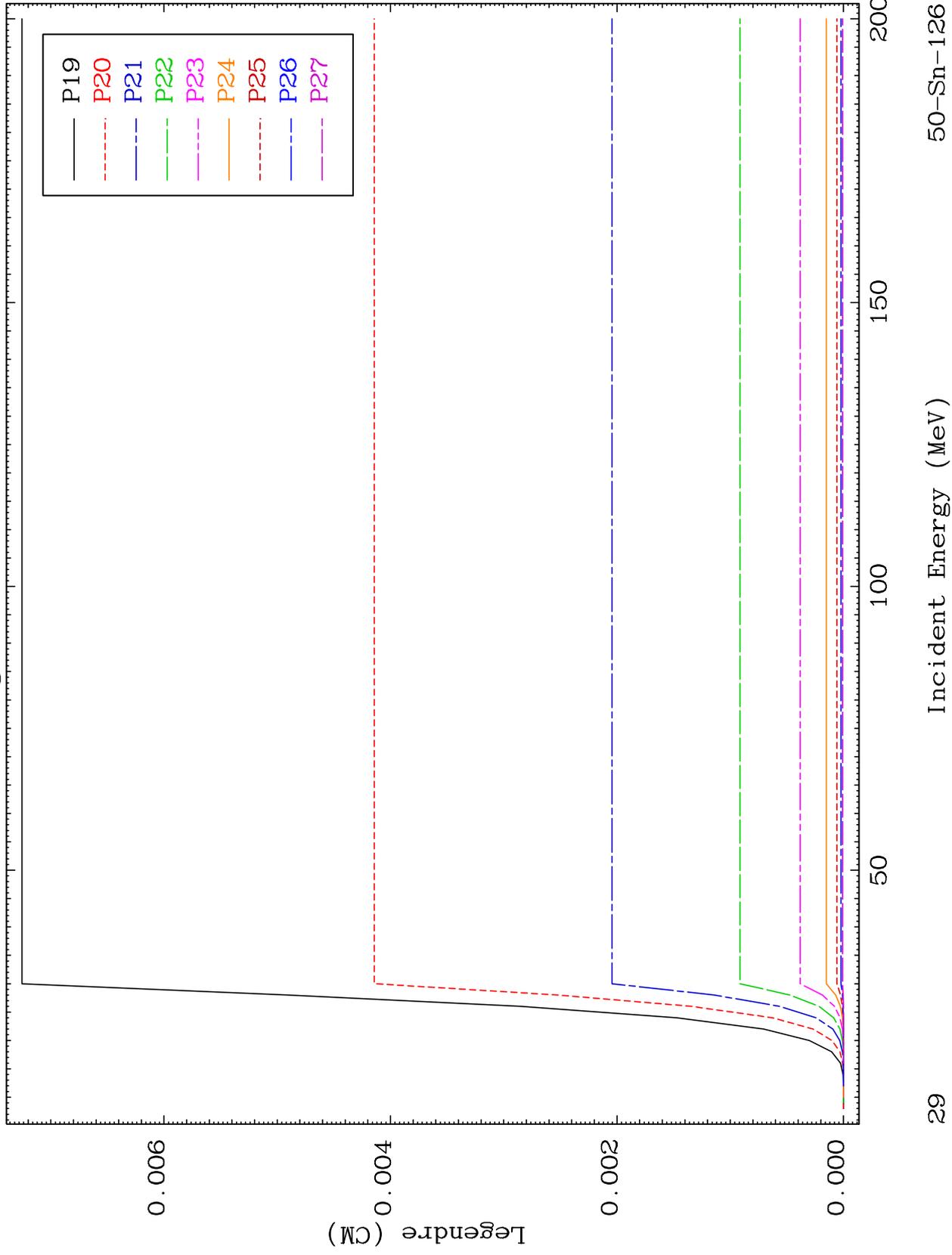
Incident Energy (MeV)

50-Sn-126

MAT 5067

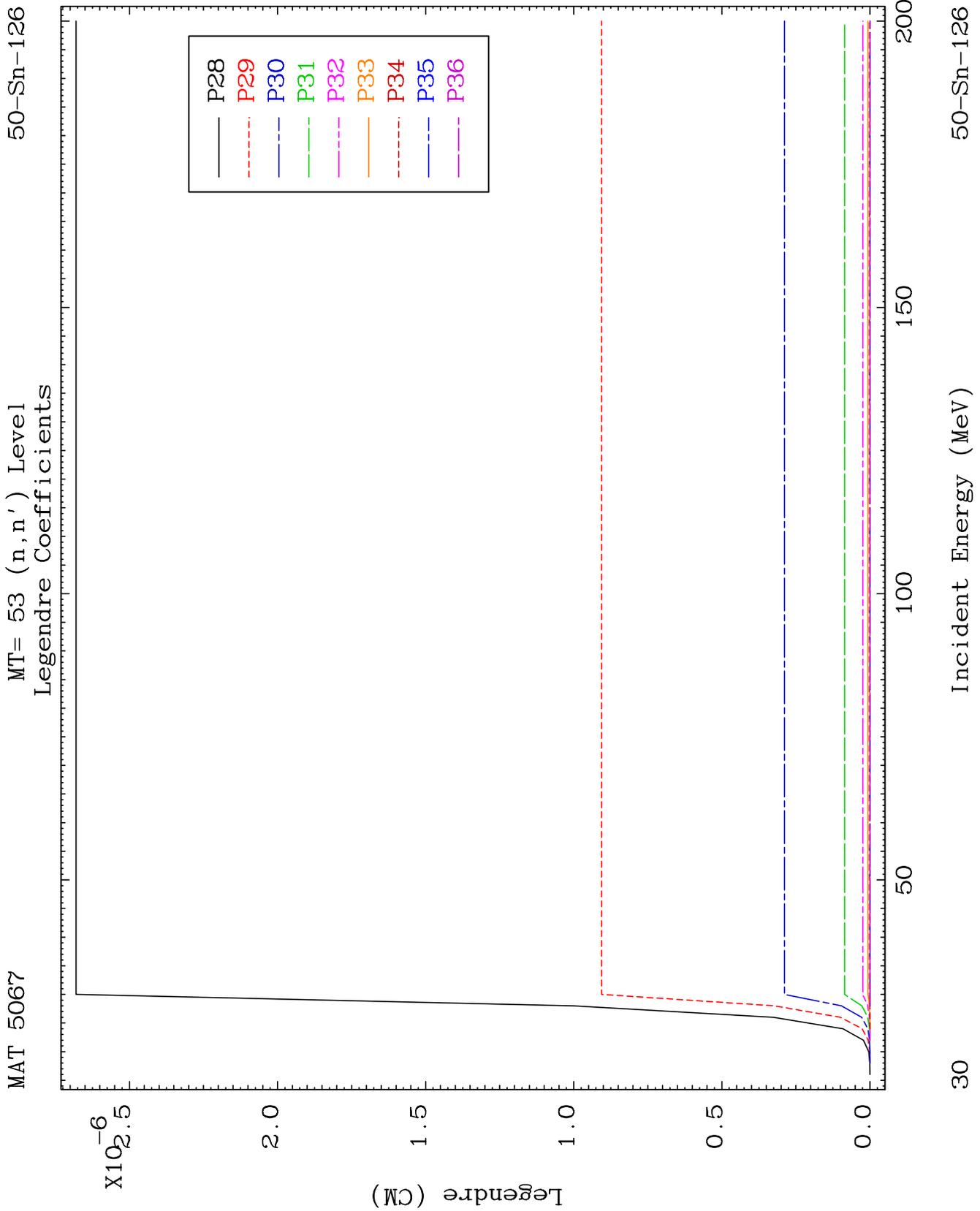
MT= 53 (n,n') Level
Legendre Coefficients

50-Sn-126



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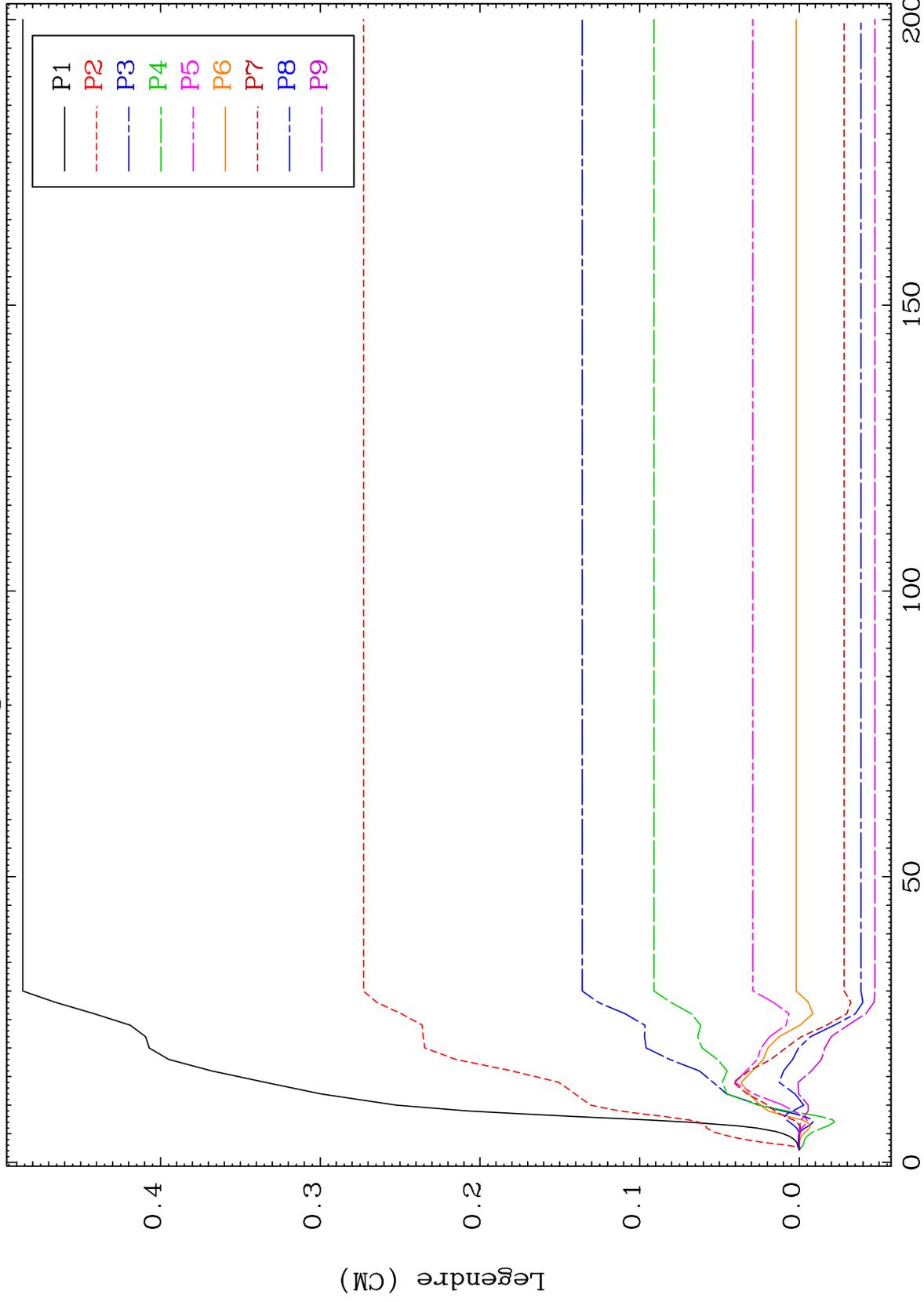
50-Sn-126



MAT 5067

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

50-Sn-126



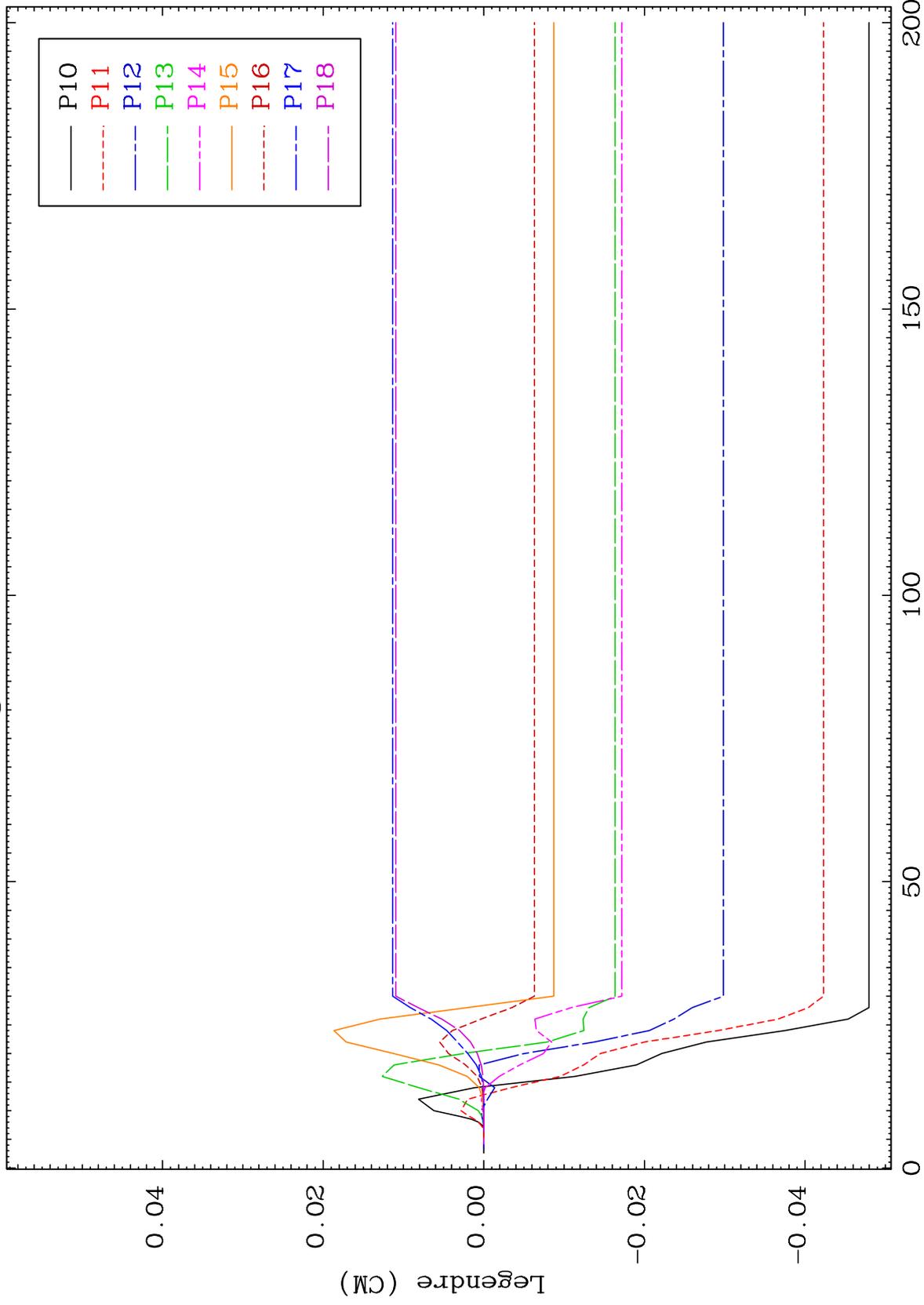
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50-Sn-126

MAT 5067

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

50-Sn-126



32

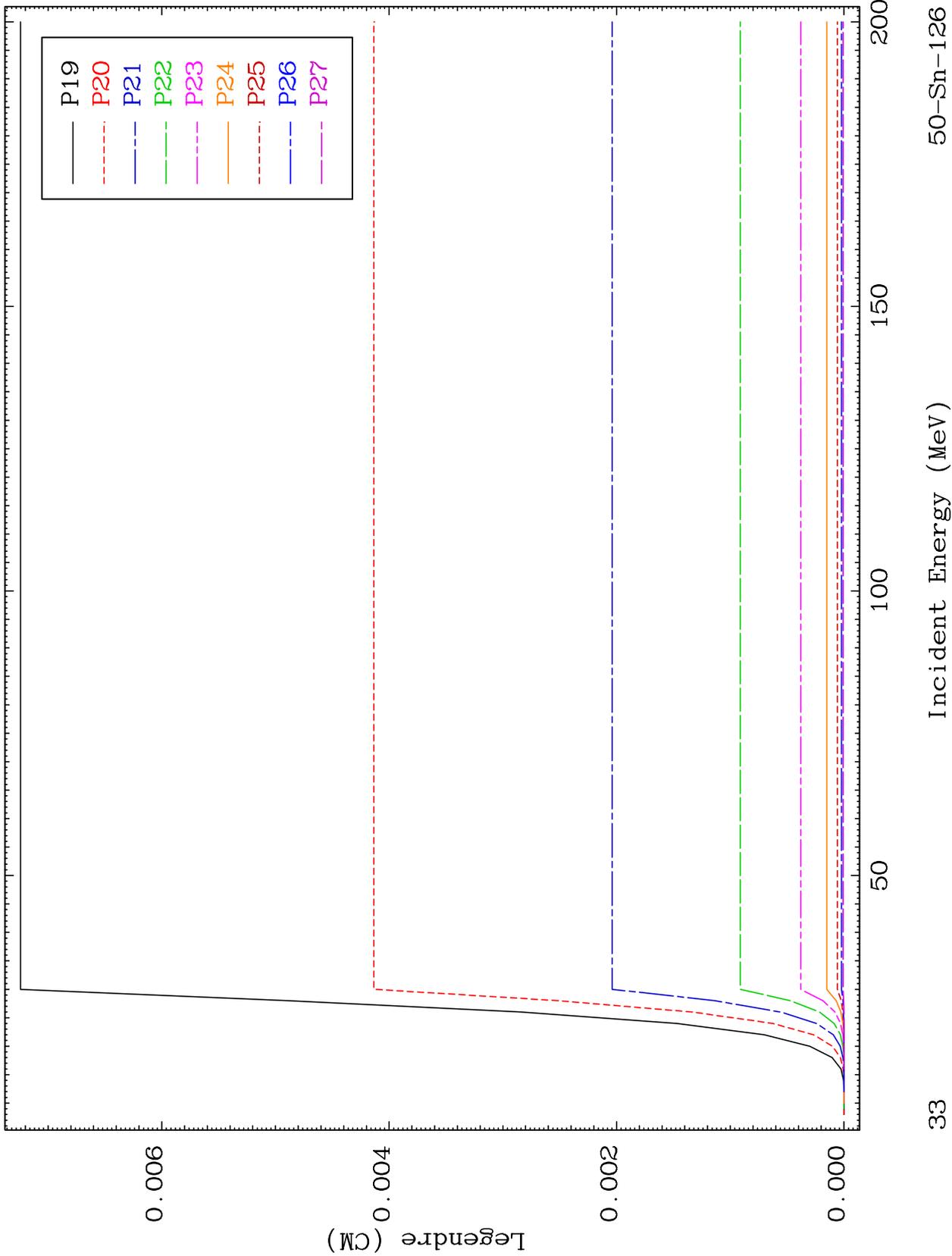
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



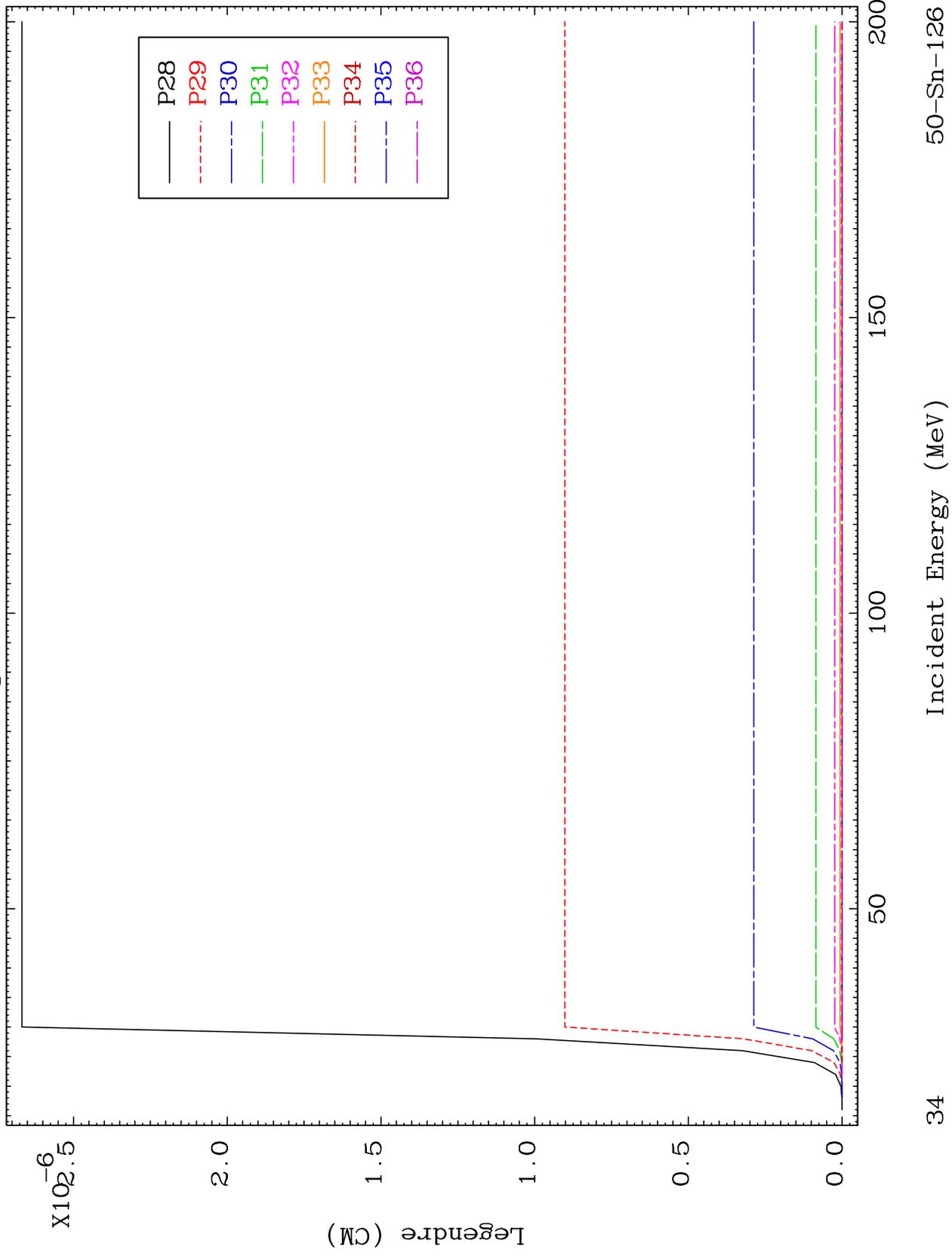
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MAT 5067

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

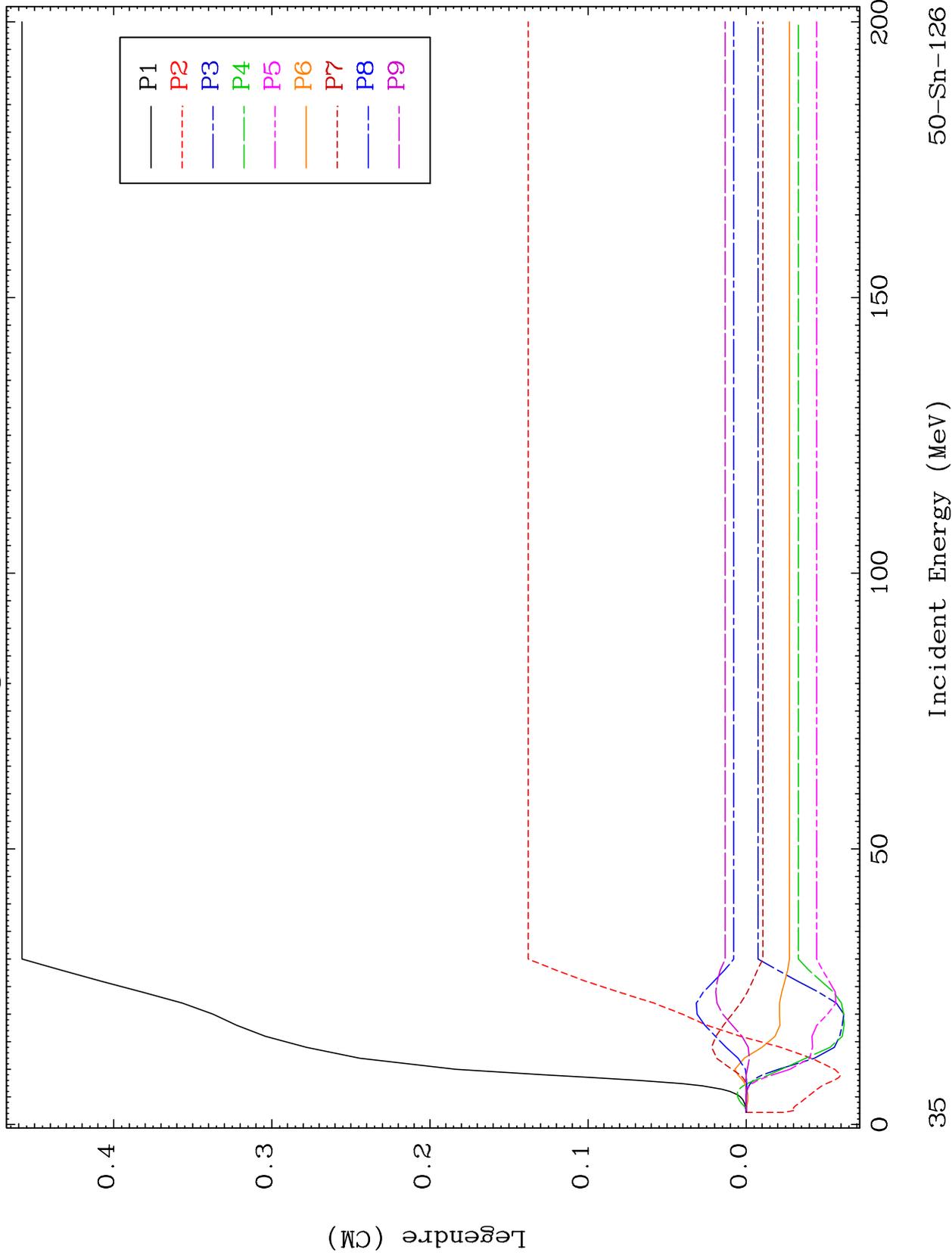
50-Sn-126



MAT 5067

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

50-Sn-126



50-Sn-126

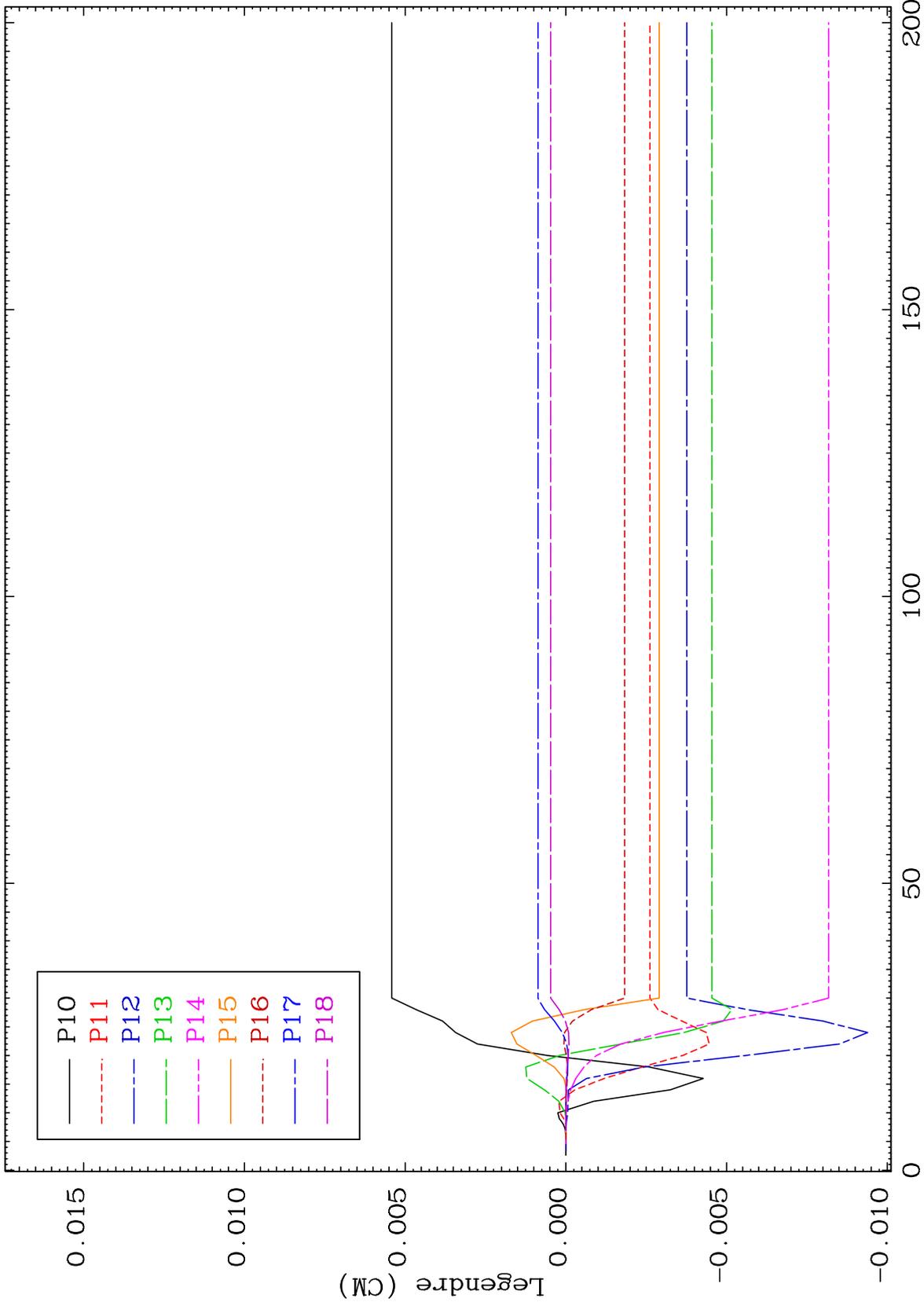
Incident Energy (MeV)

35

MAT 5067

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

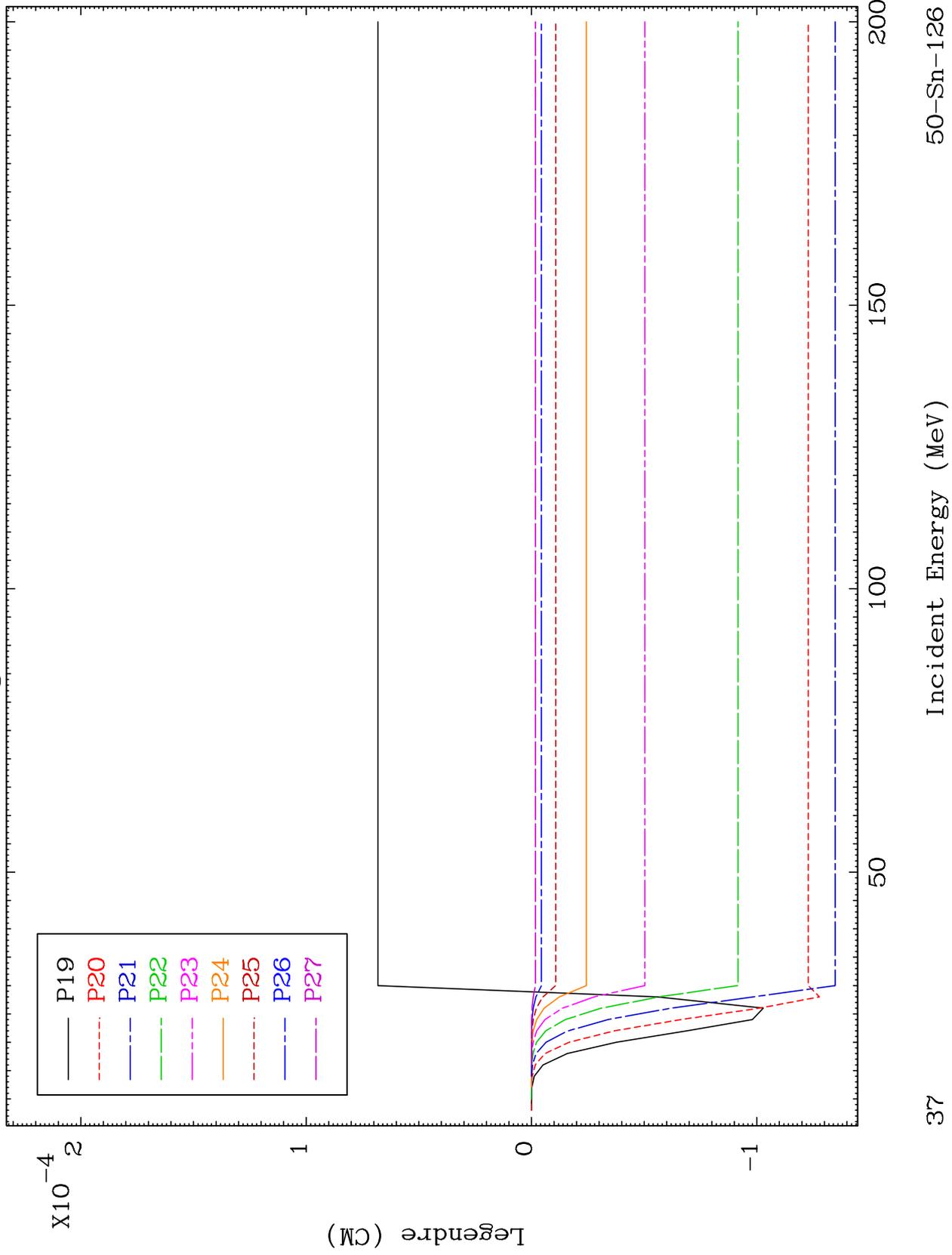
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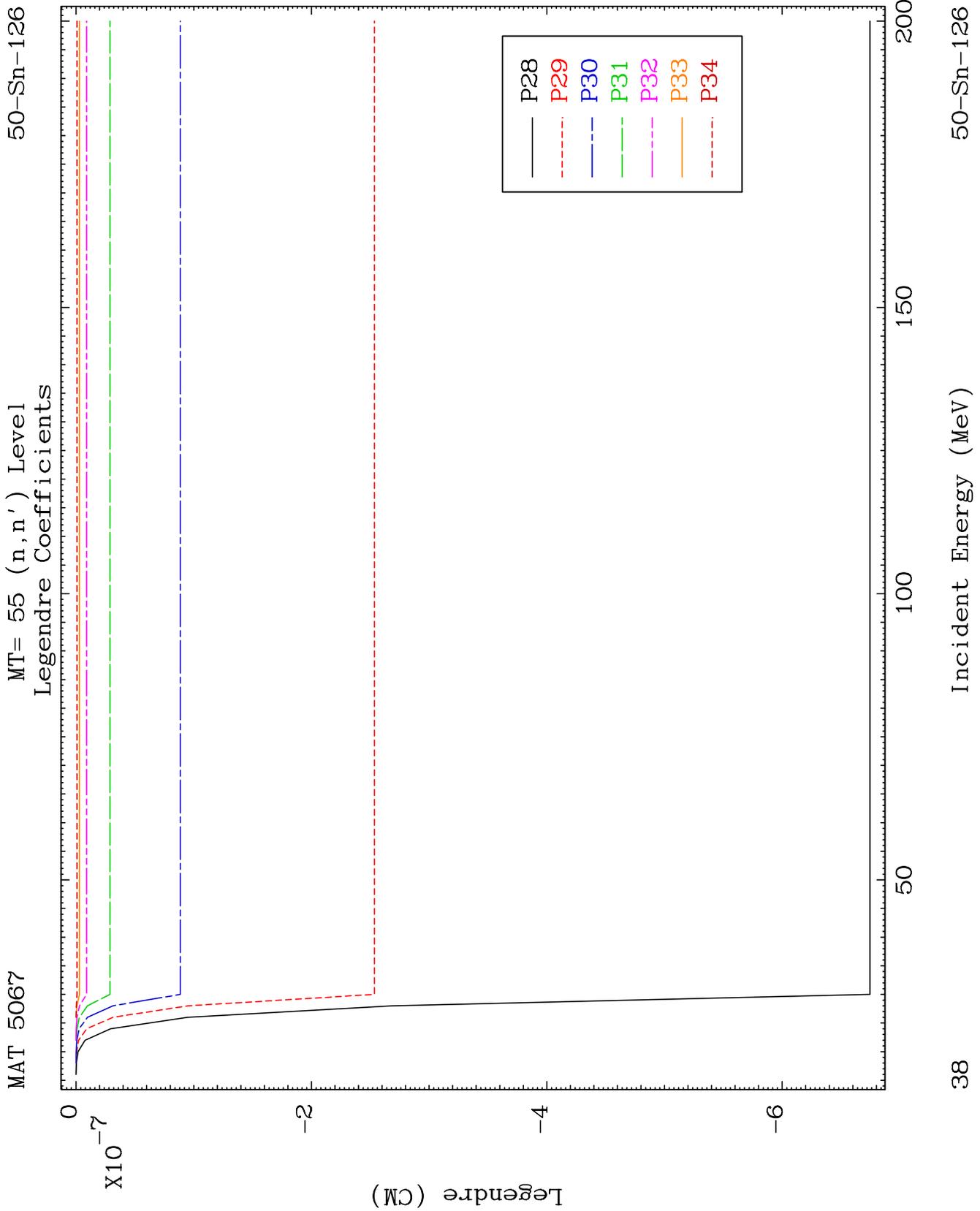


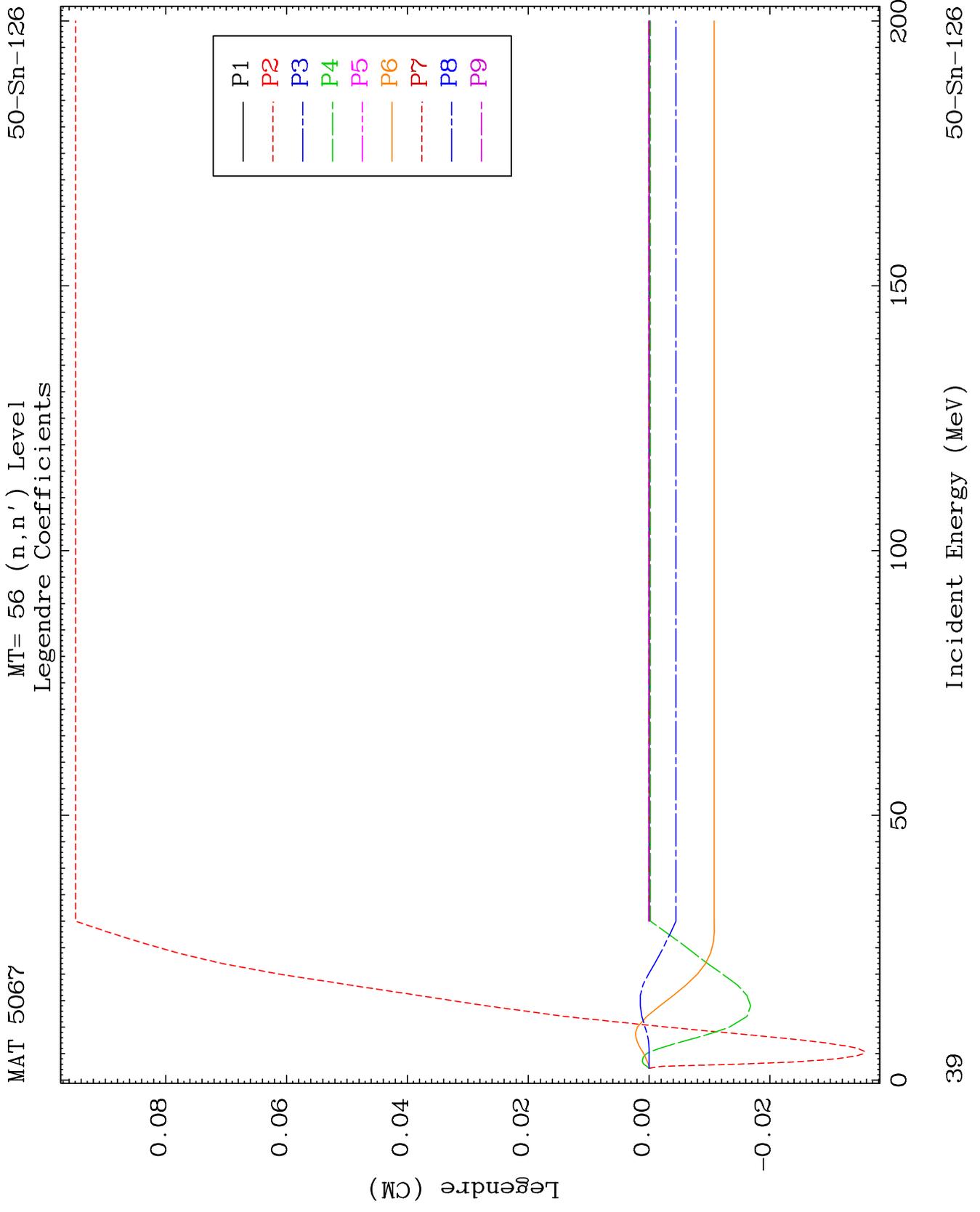
MAT 5067

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

50-Sn-126



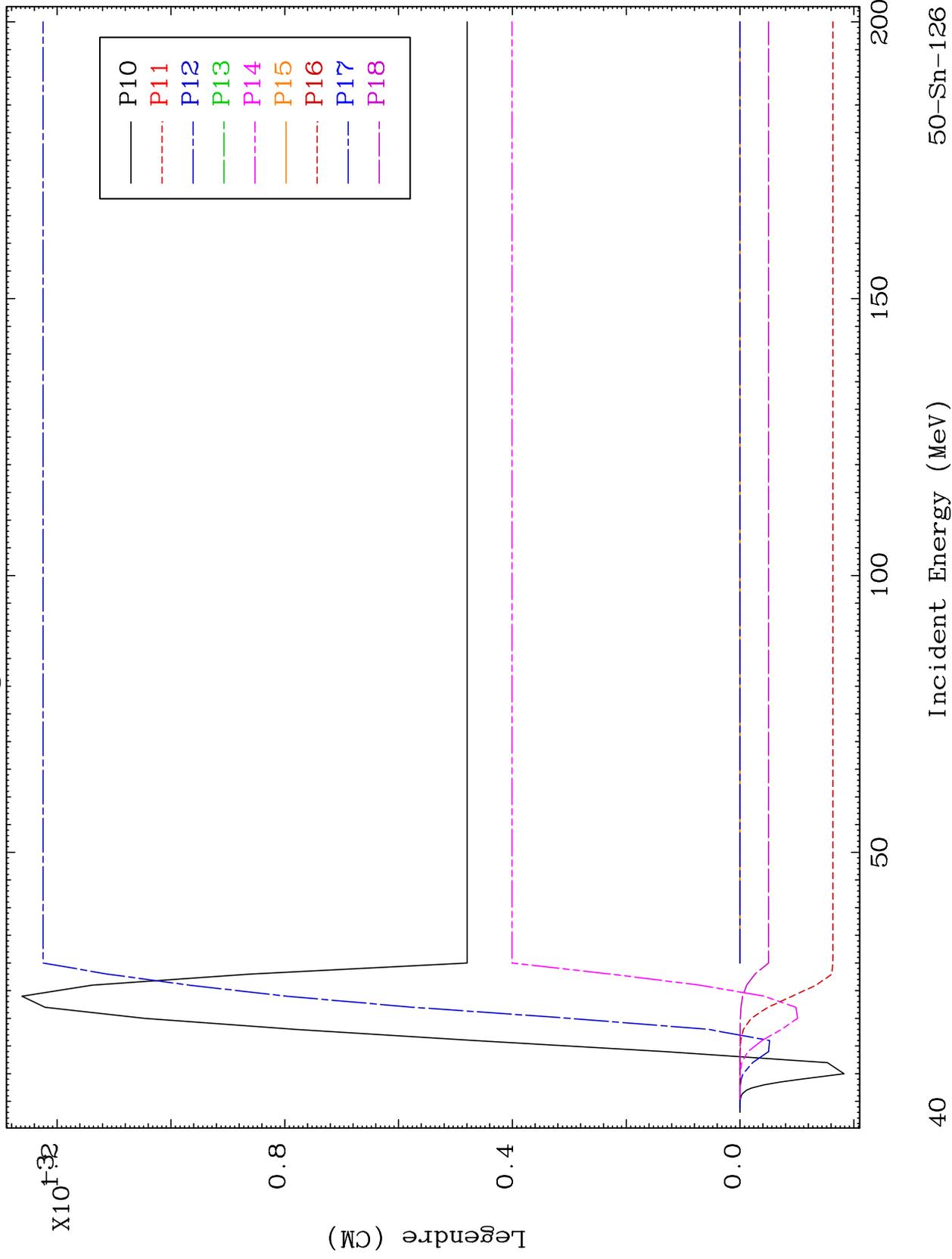


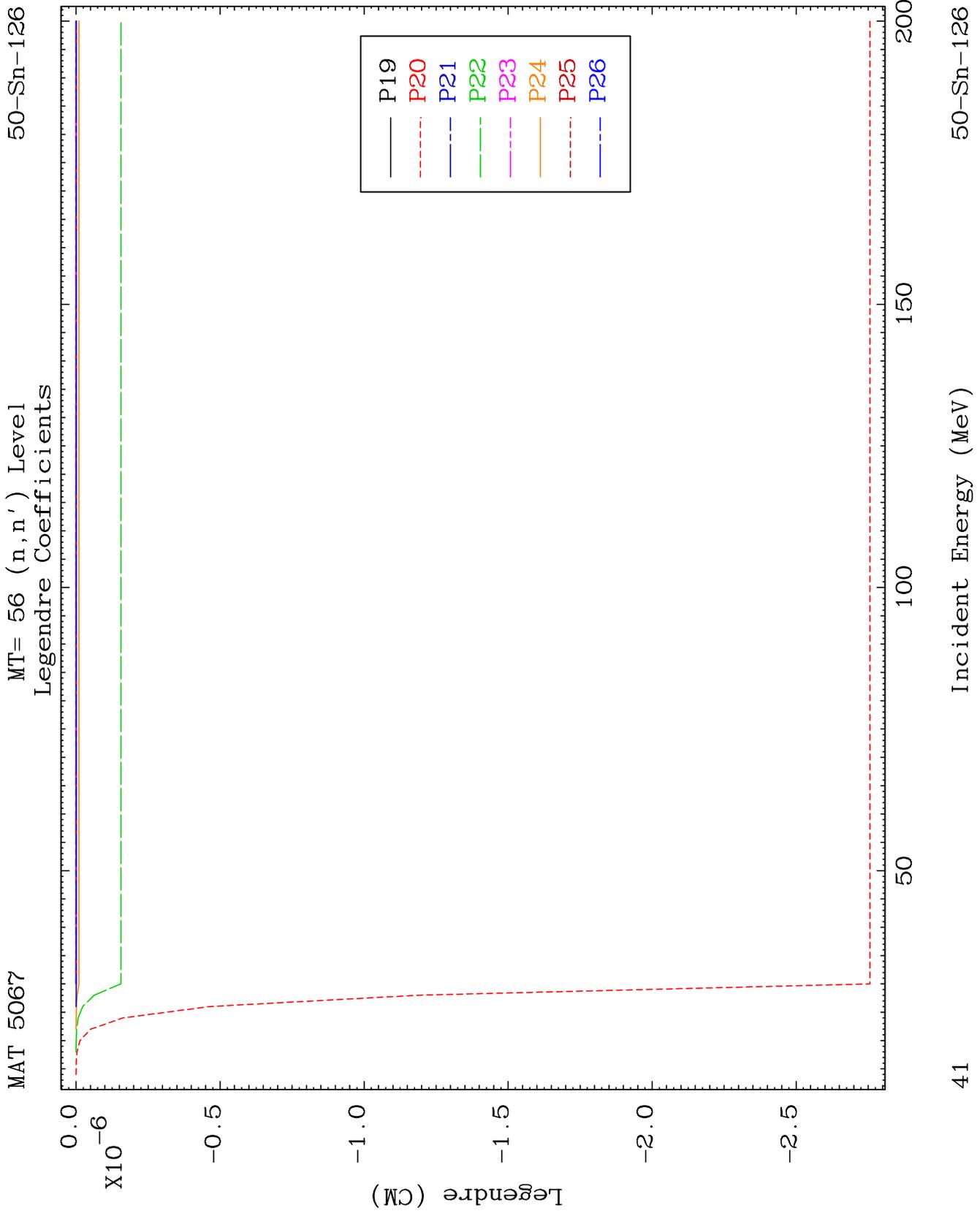


MAT 5067

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

50-Sn-126

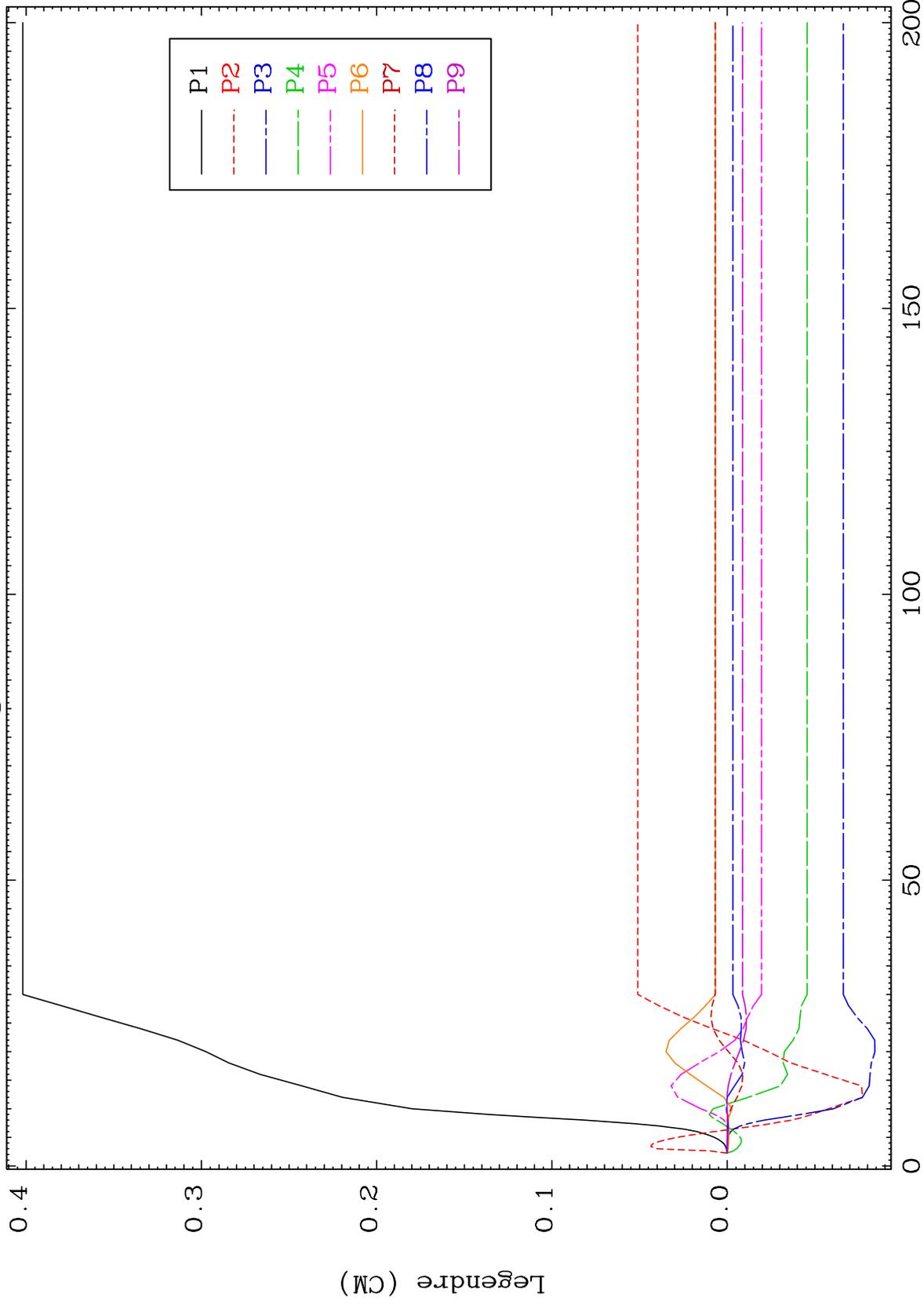




MAT 5067

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

50-Sn-126



42

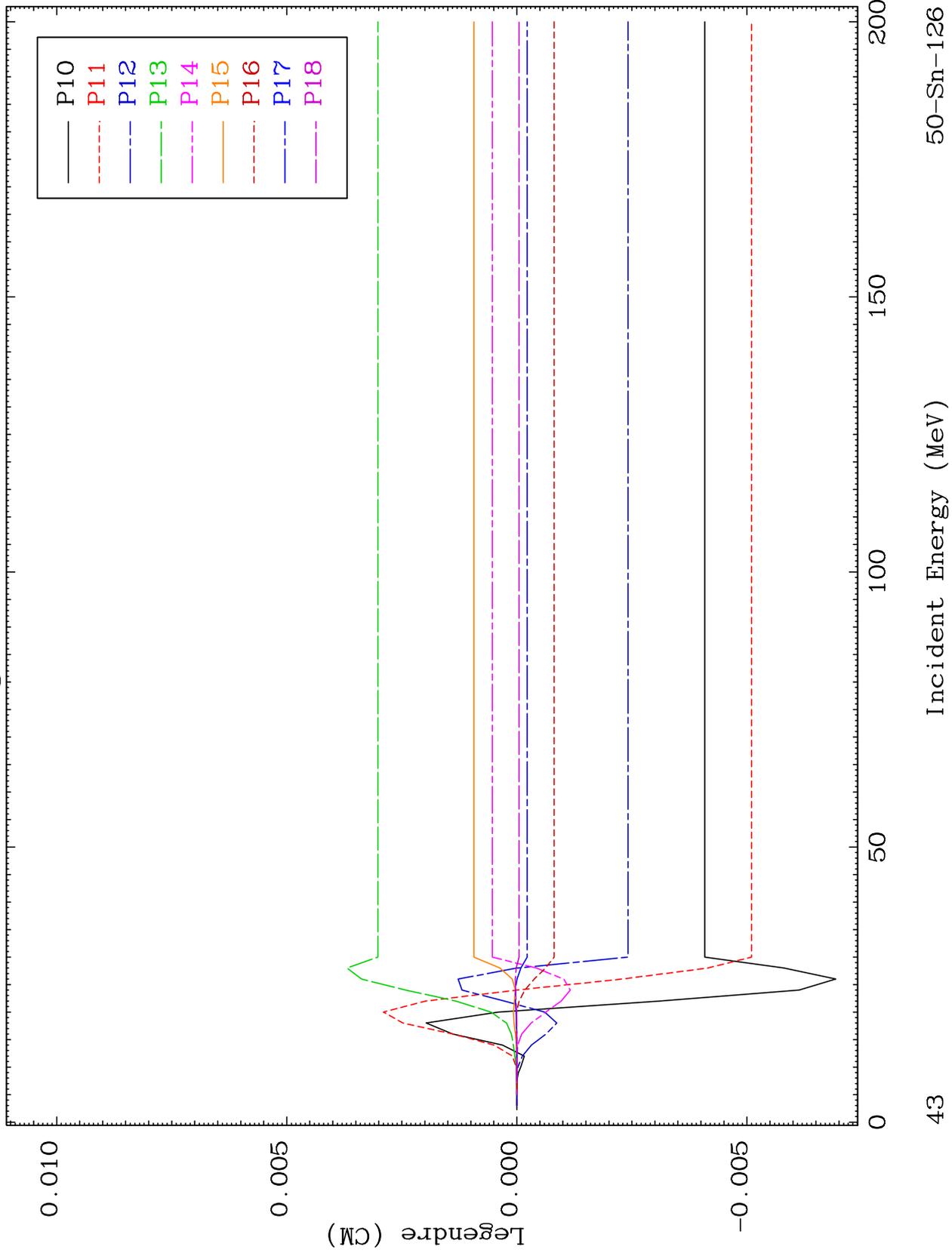
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



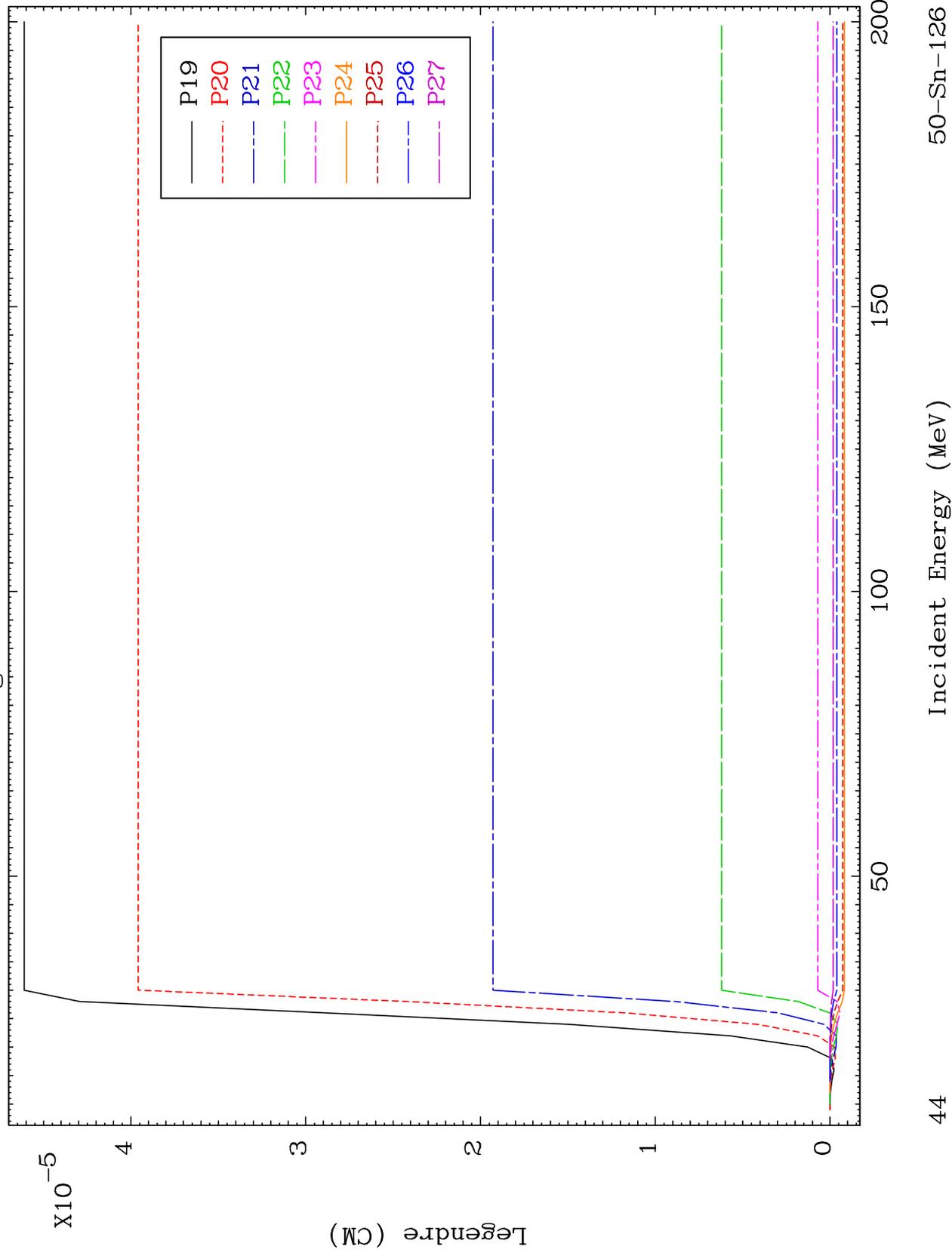
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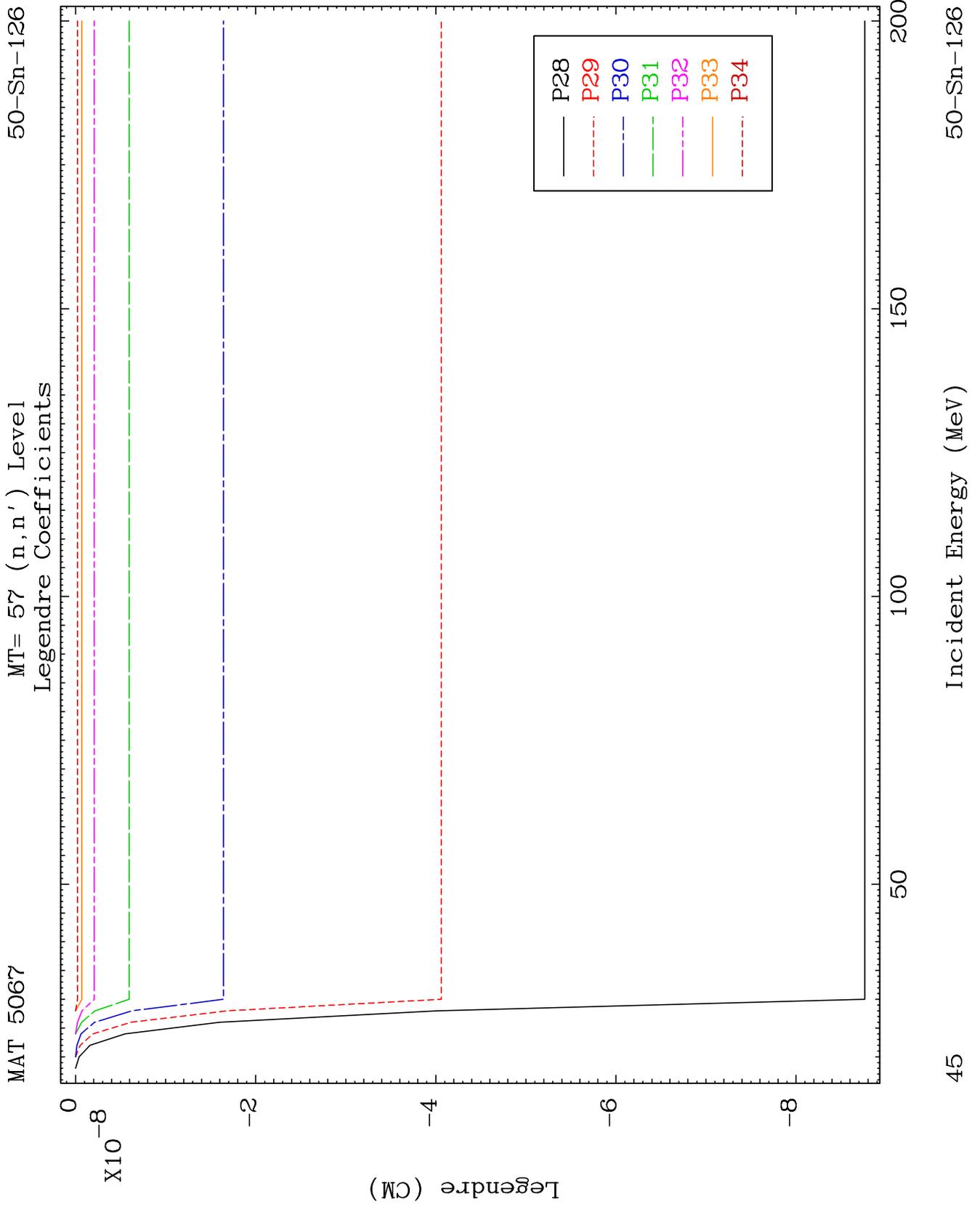
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MAT 5067

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

50-Sn-126

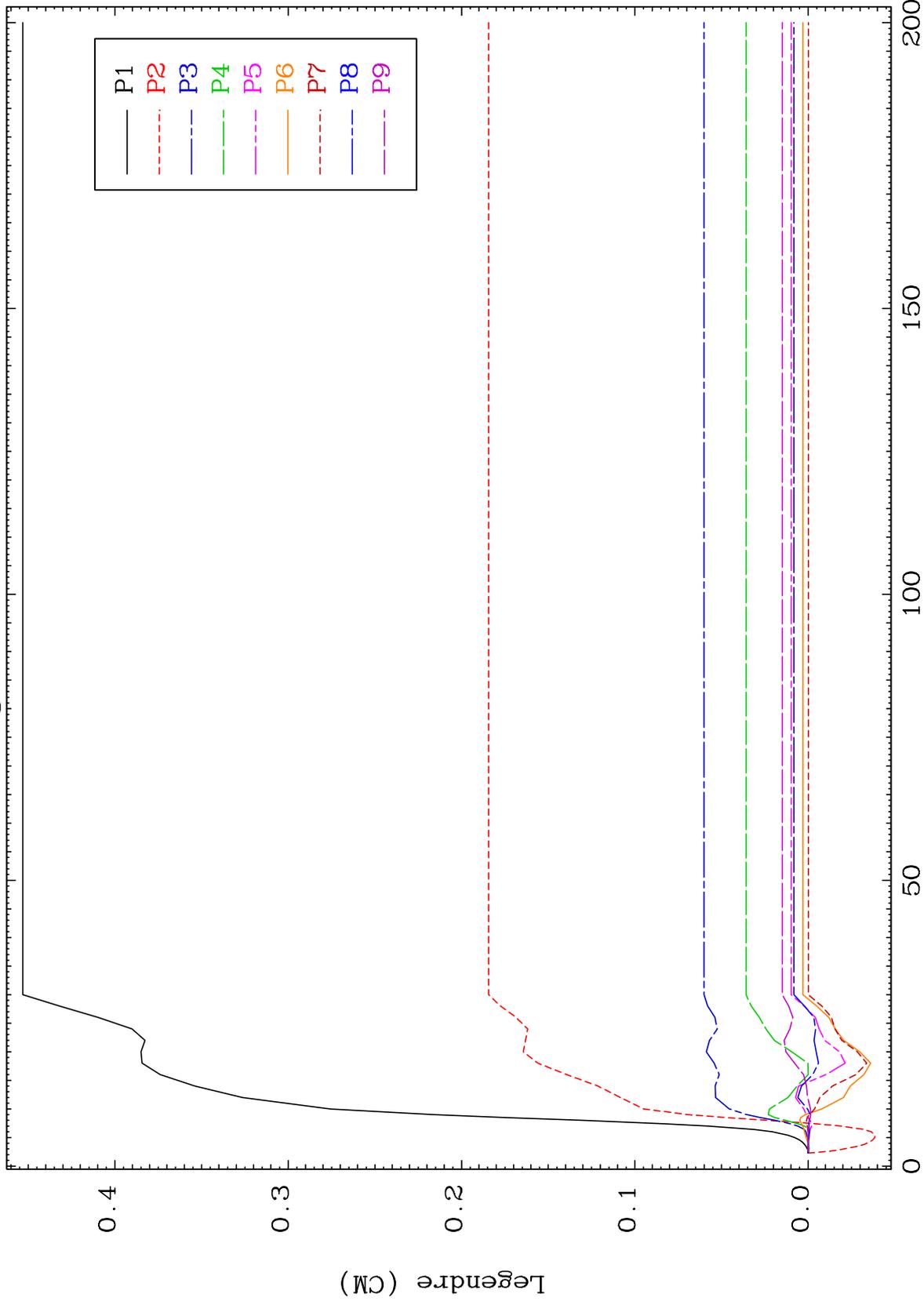




MAT 5067

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

50-Sn-126



46

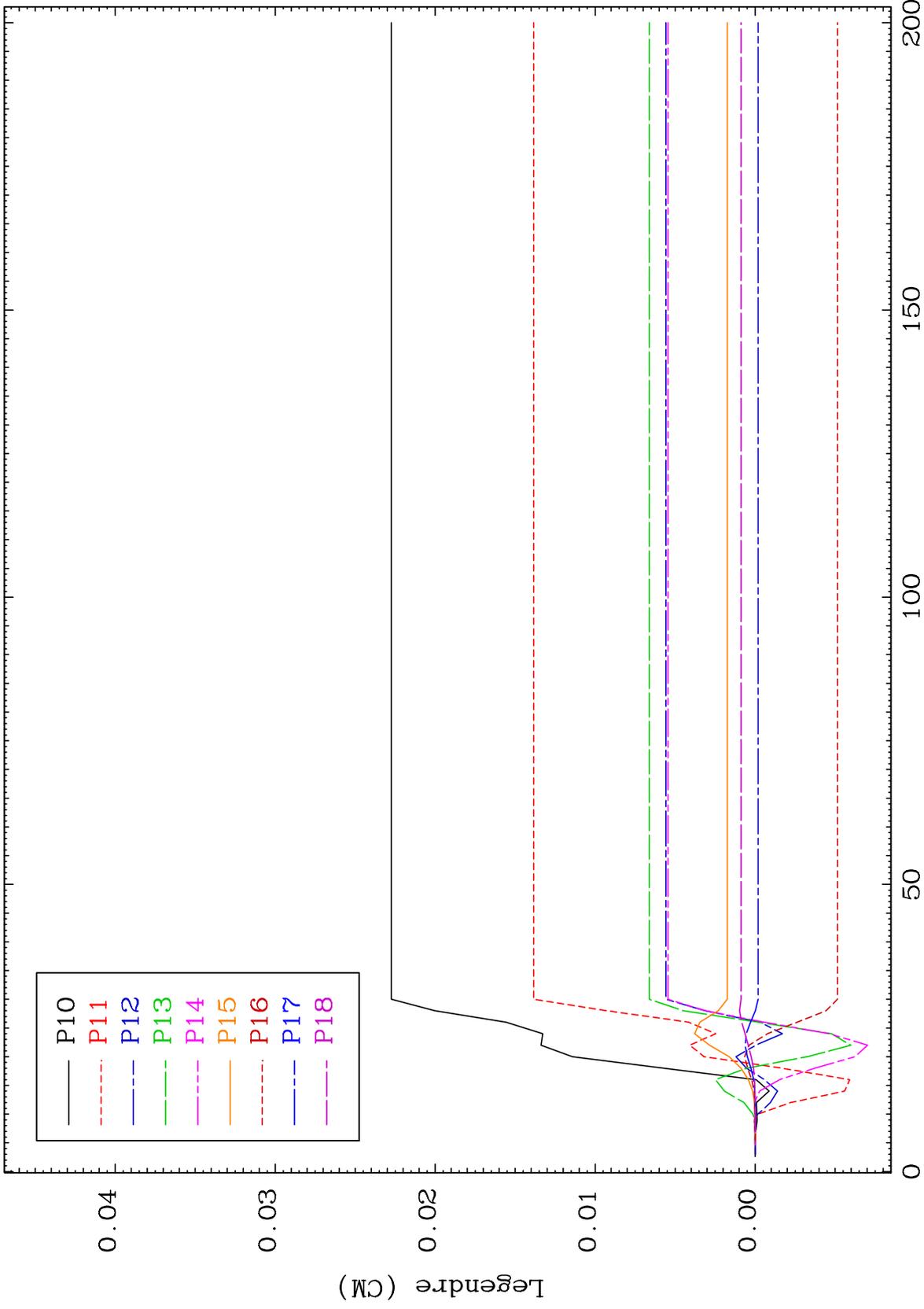
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



47

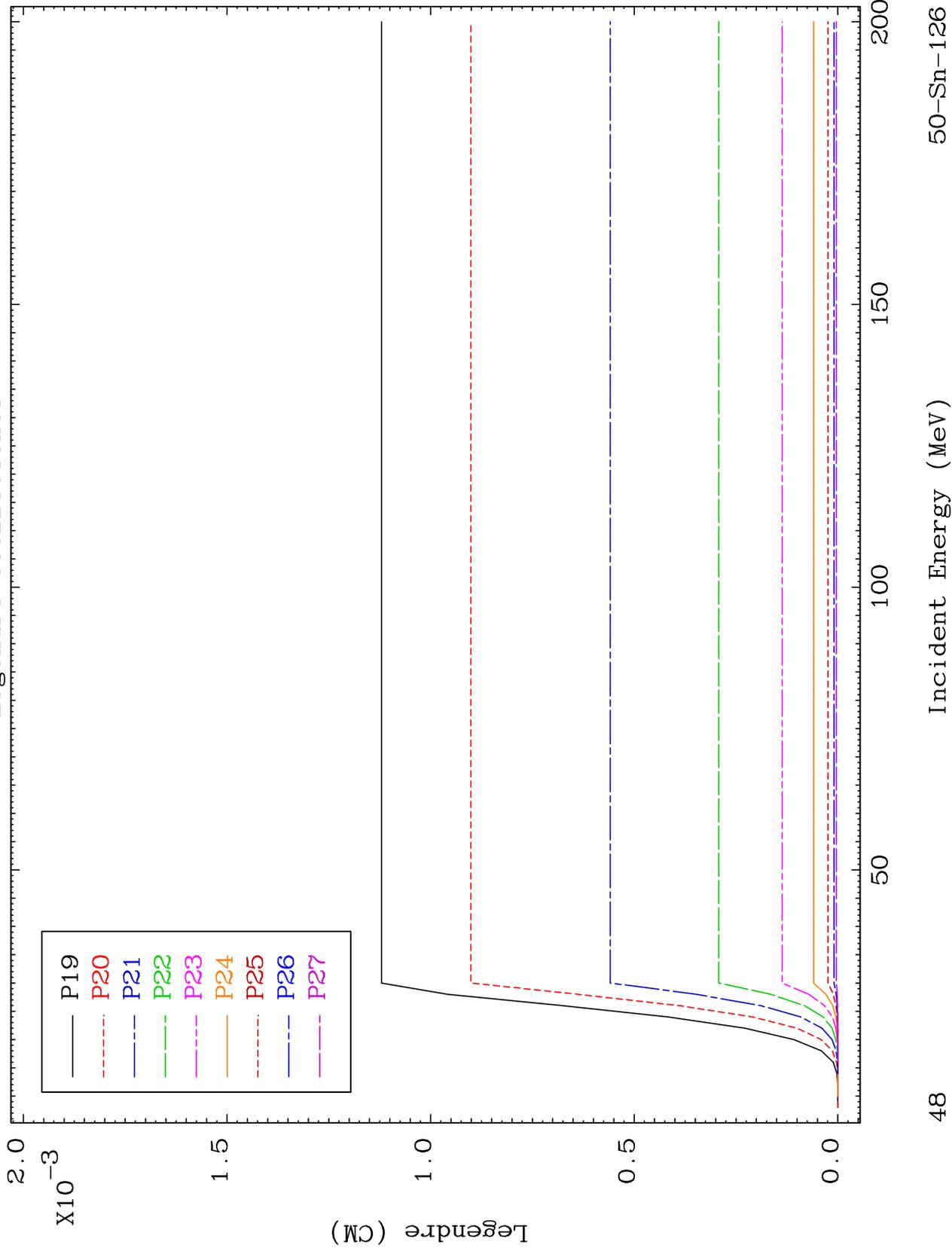
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



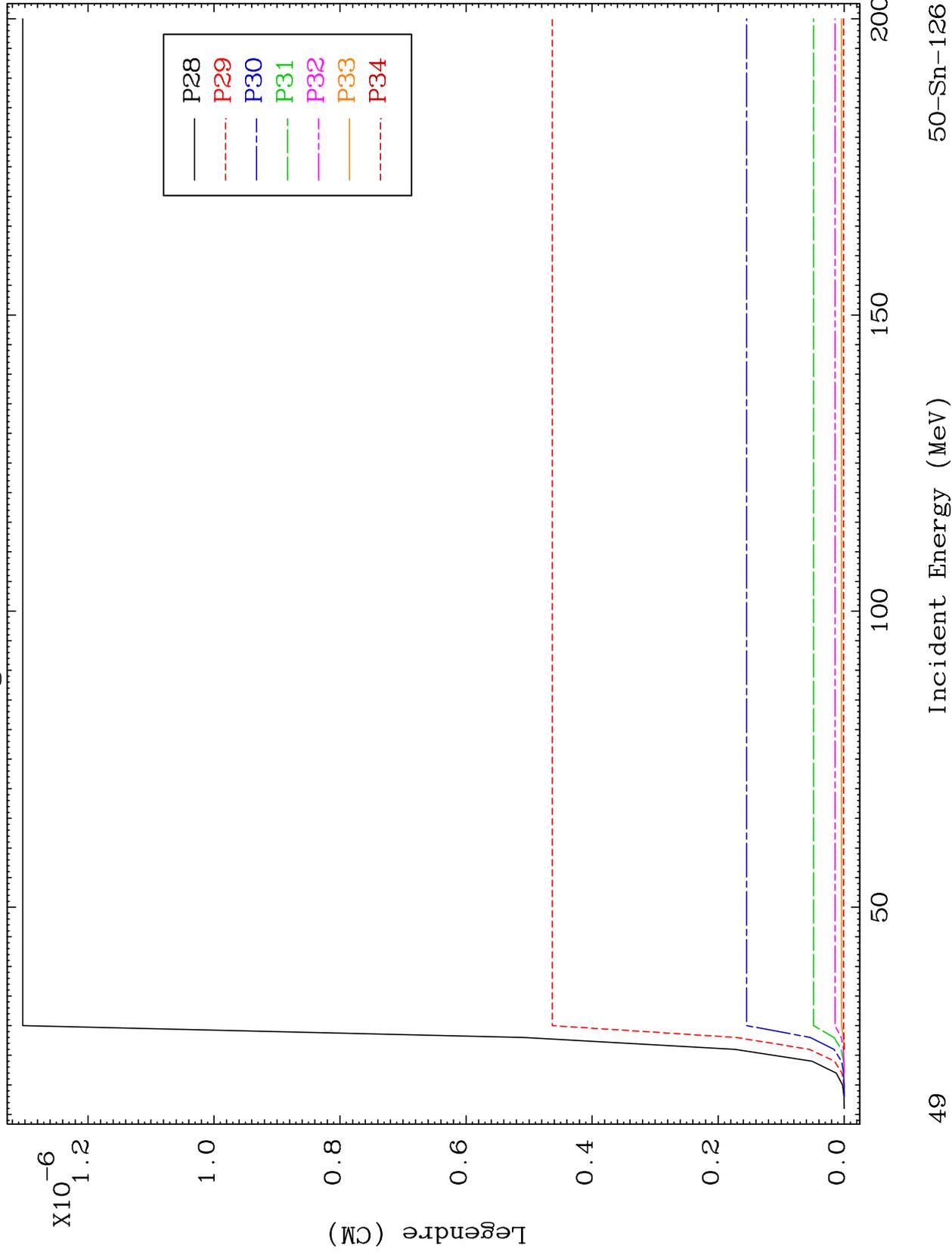
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50-Sn-126

MAT 5067

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

50-Sn-126



49

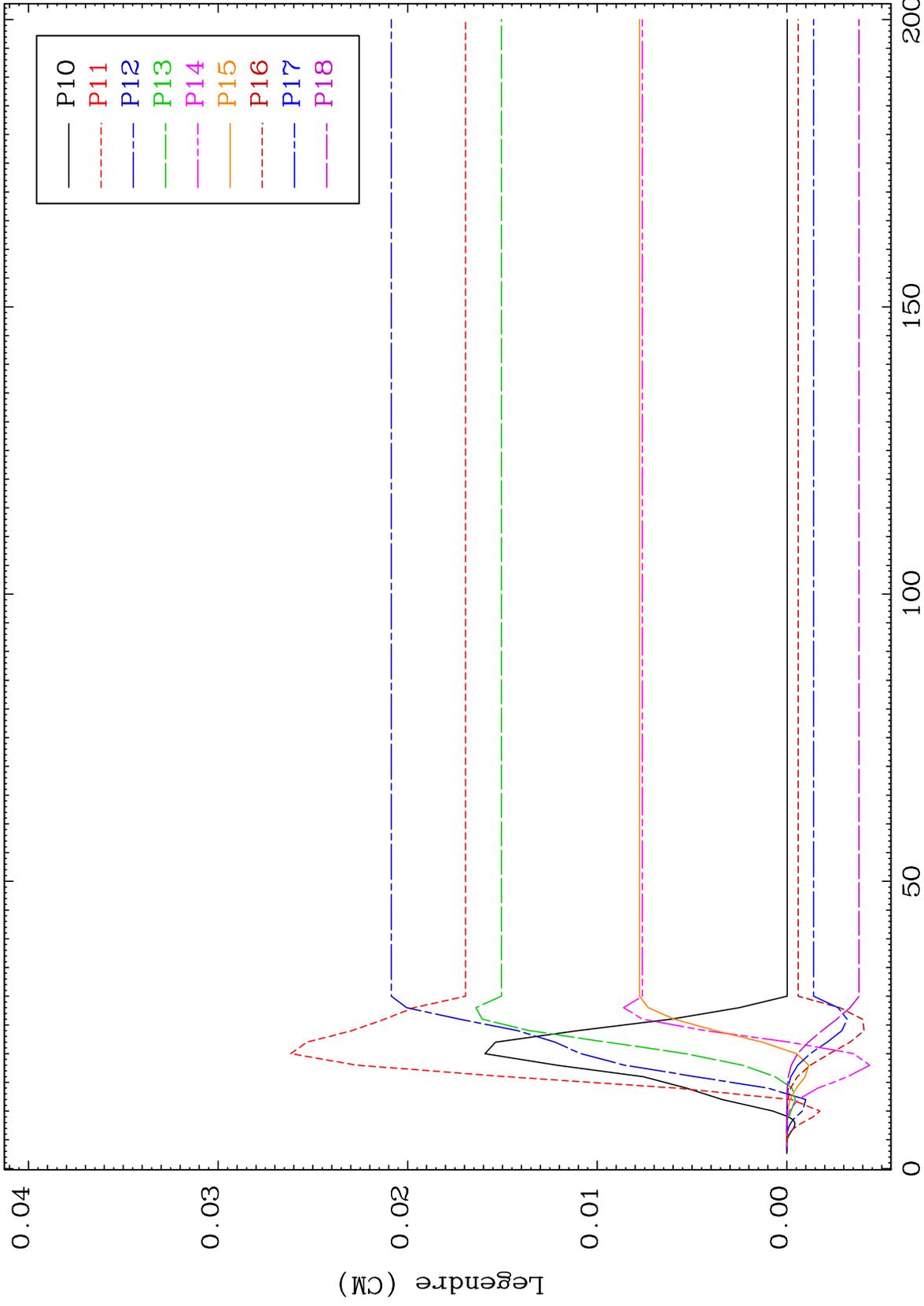
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



51

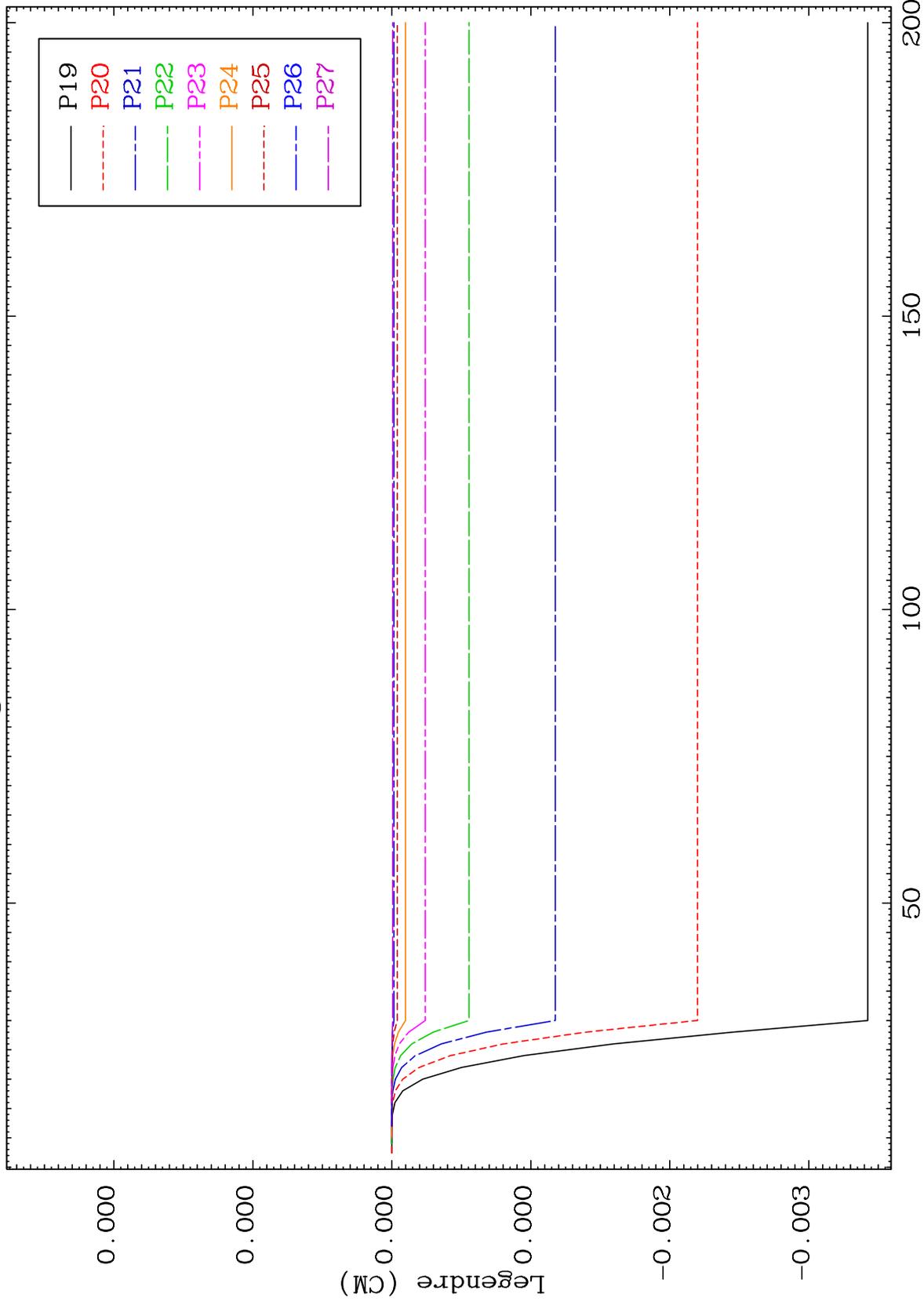
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

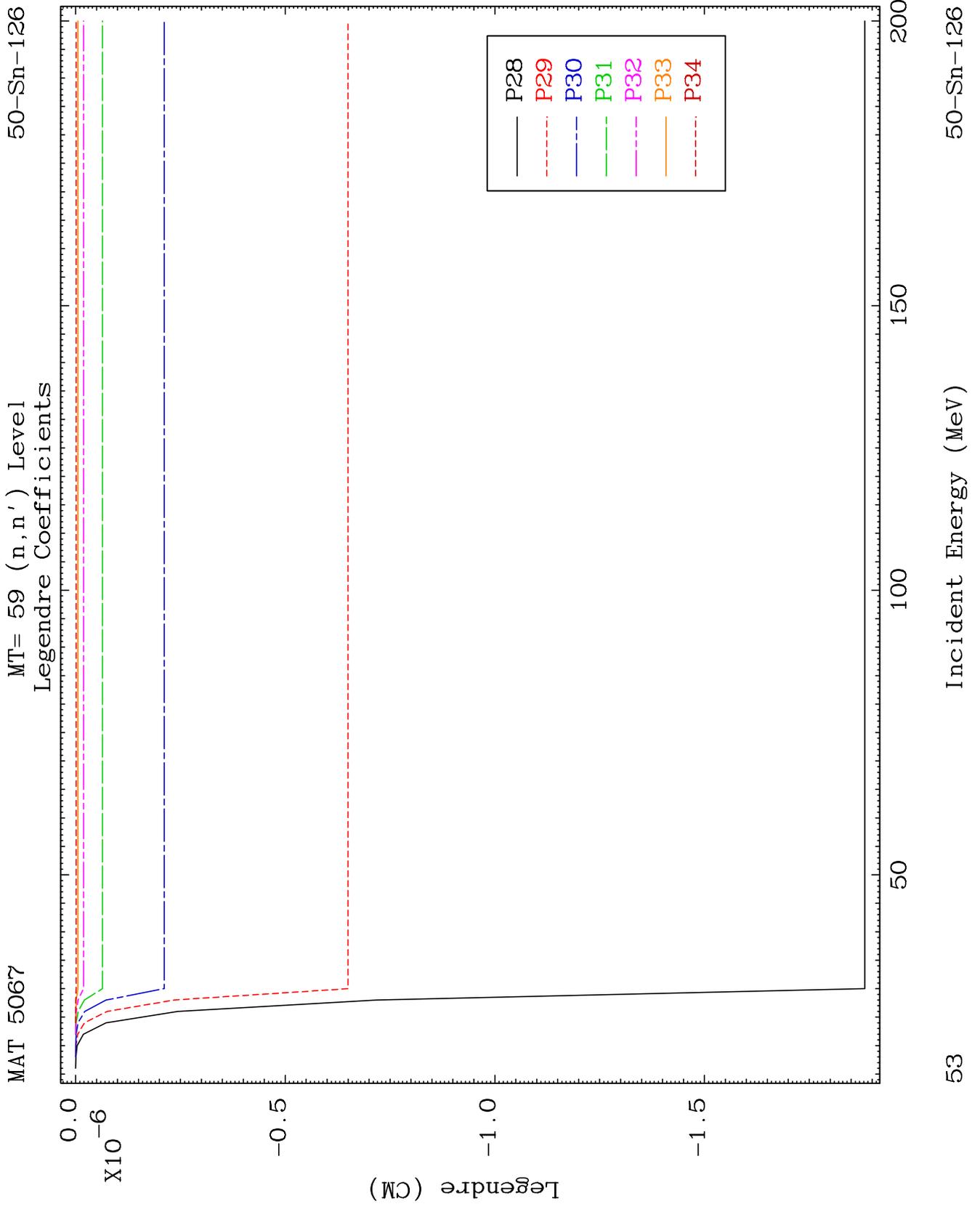
50-Sn-126



52

Incident Energy (MeV)

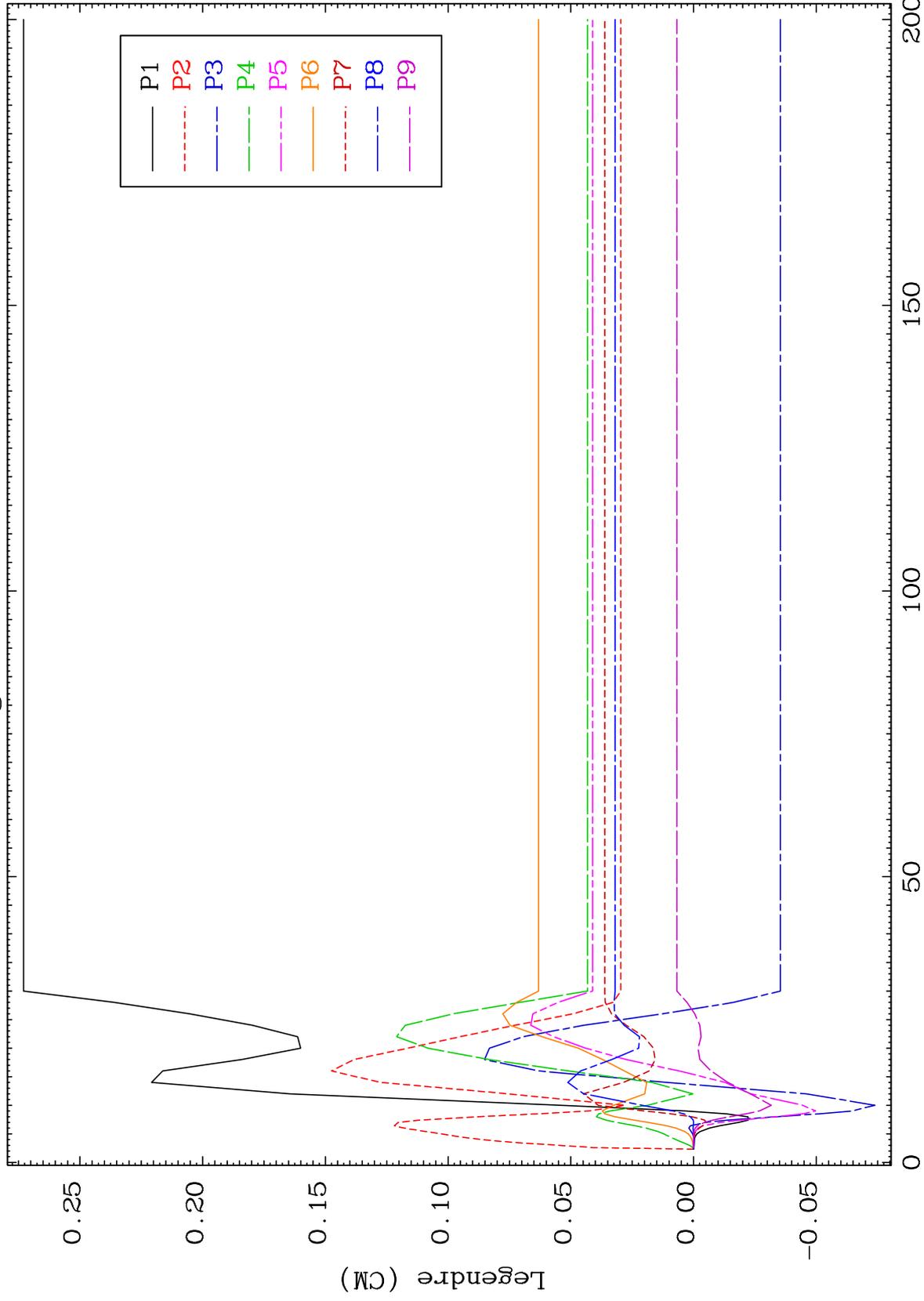
50-Sn-126



MAT 5067

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

50-Sn-126



54

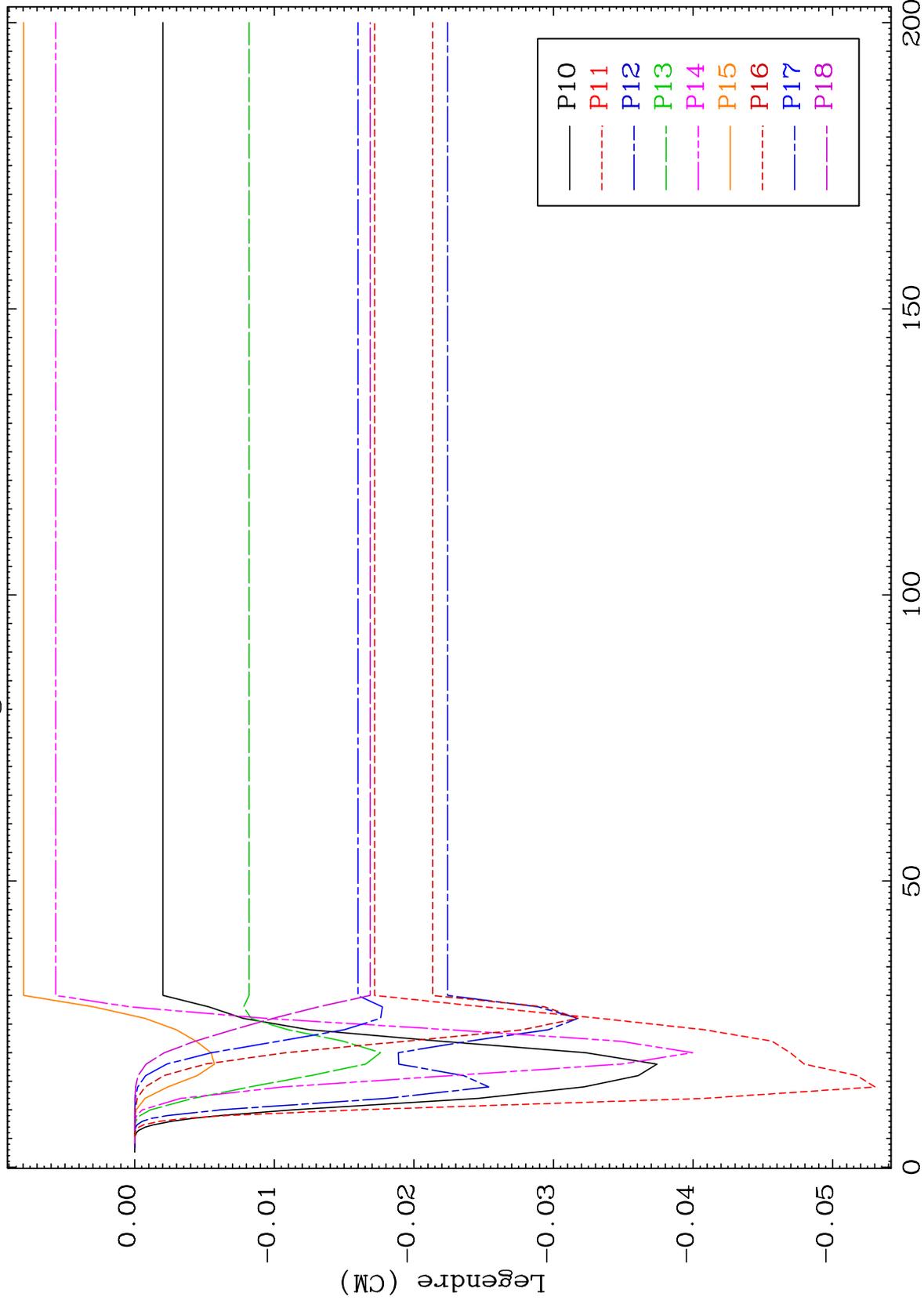
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

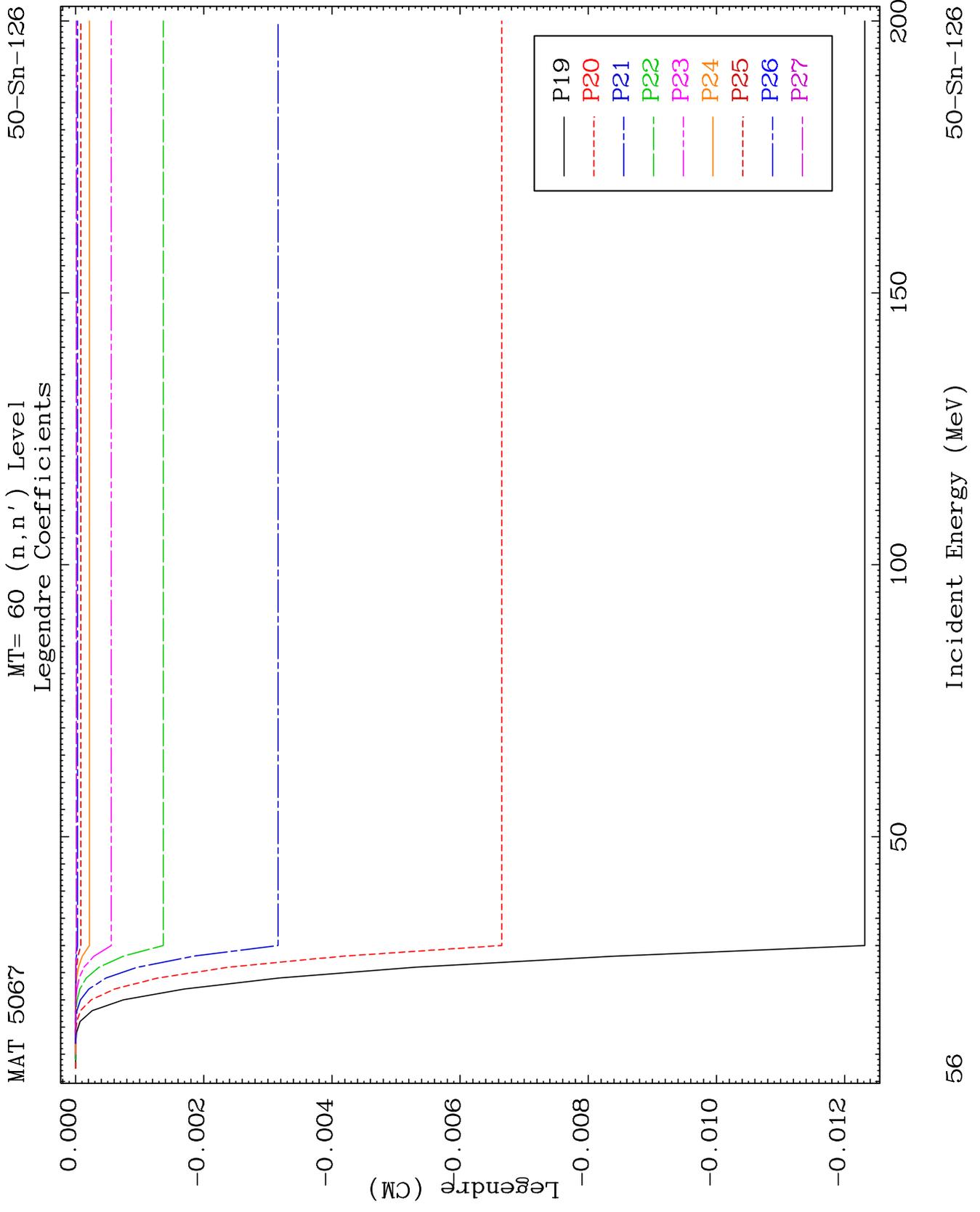
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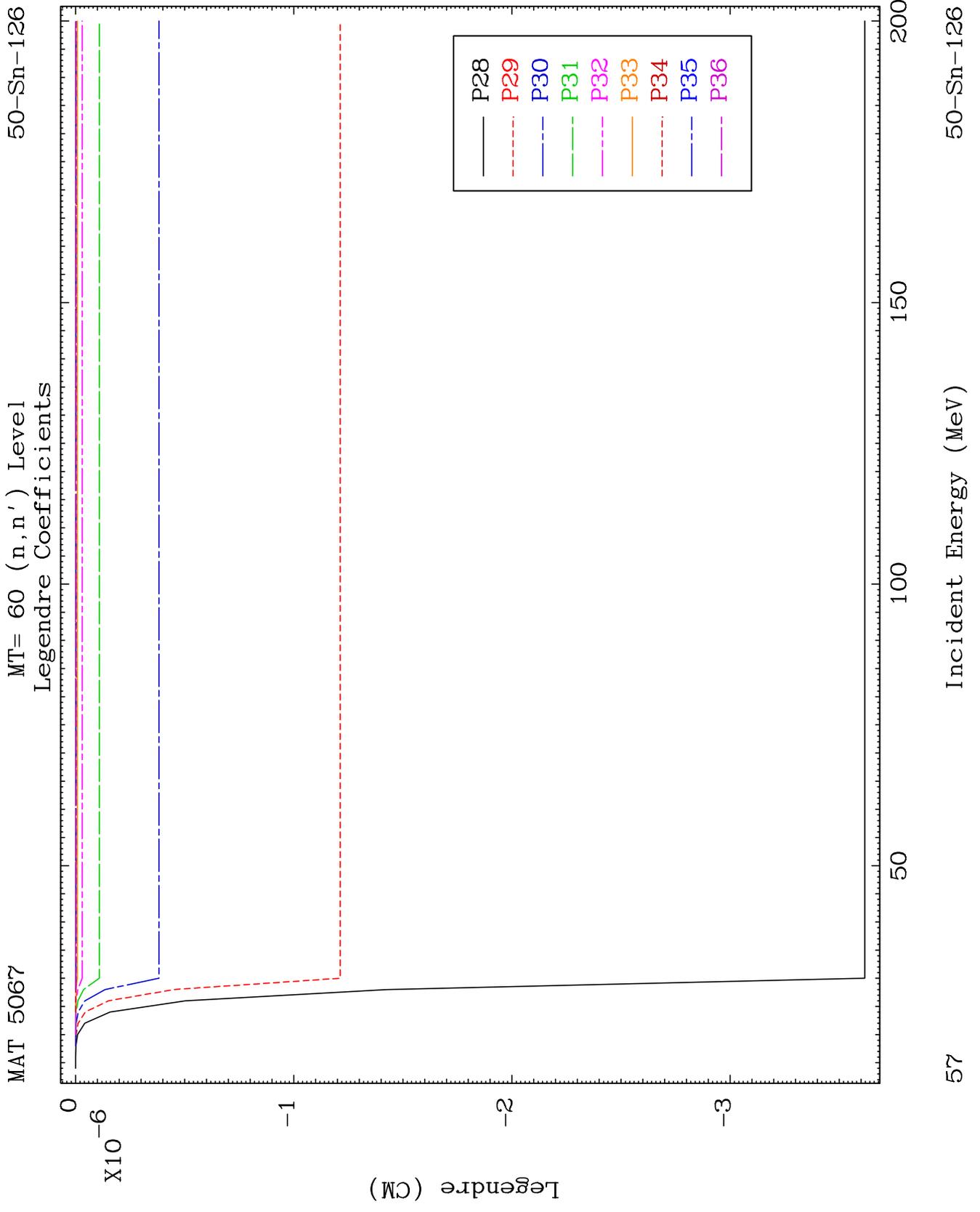


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Incident Energy (MeV)

50-Sn-126

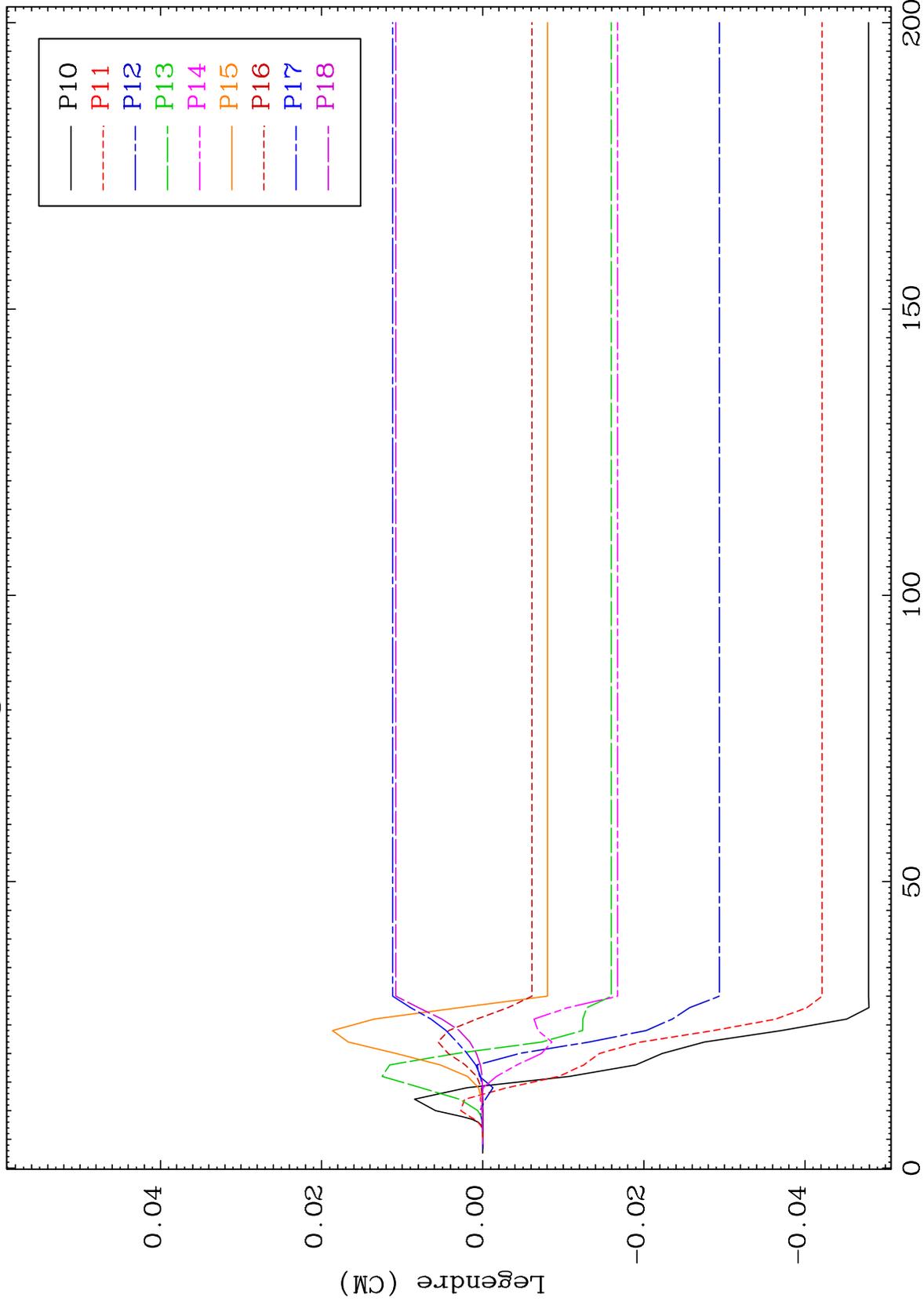




MAT 5067

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

50-Sn-126



59

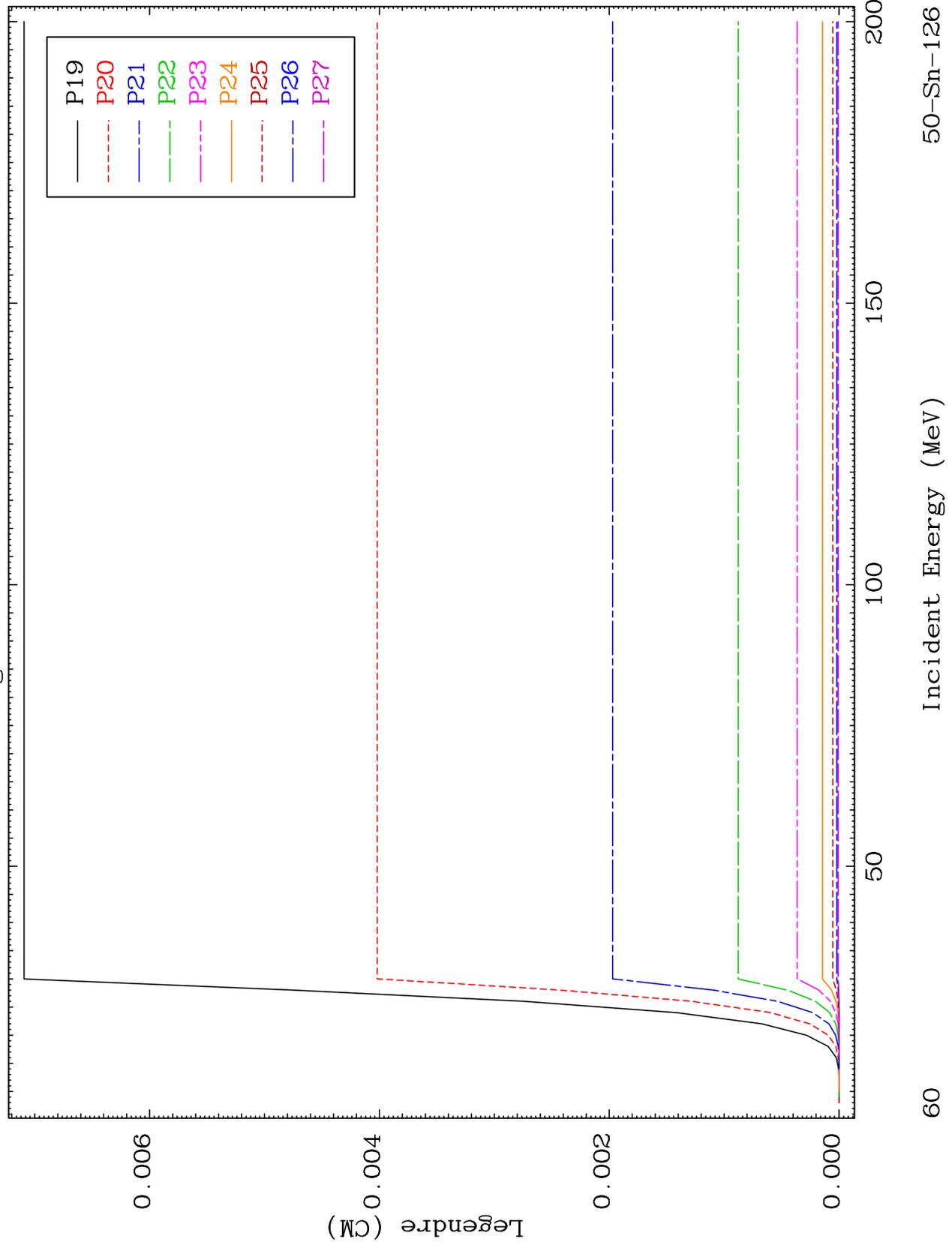
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

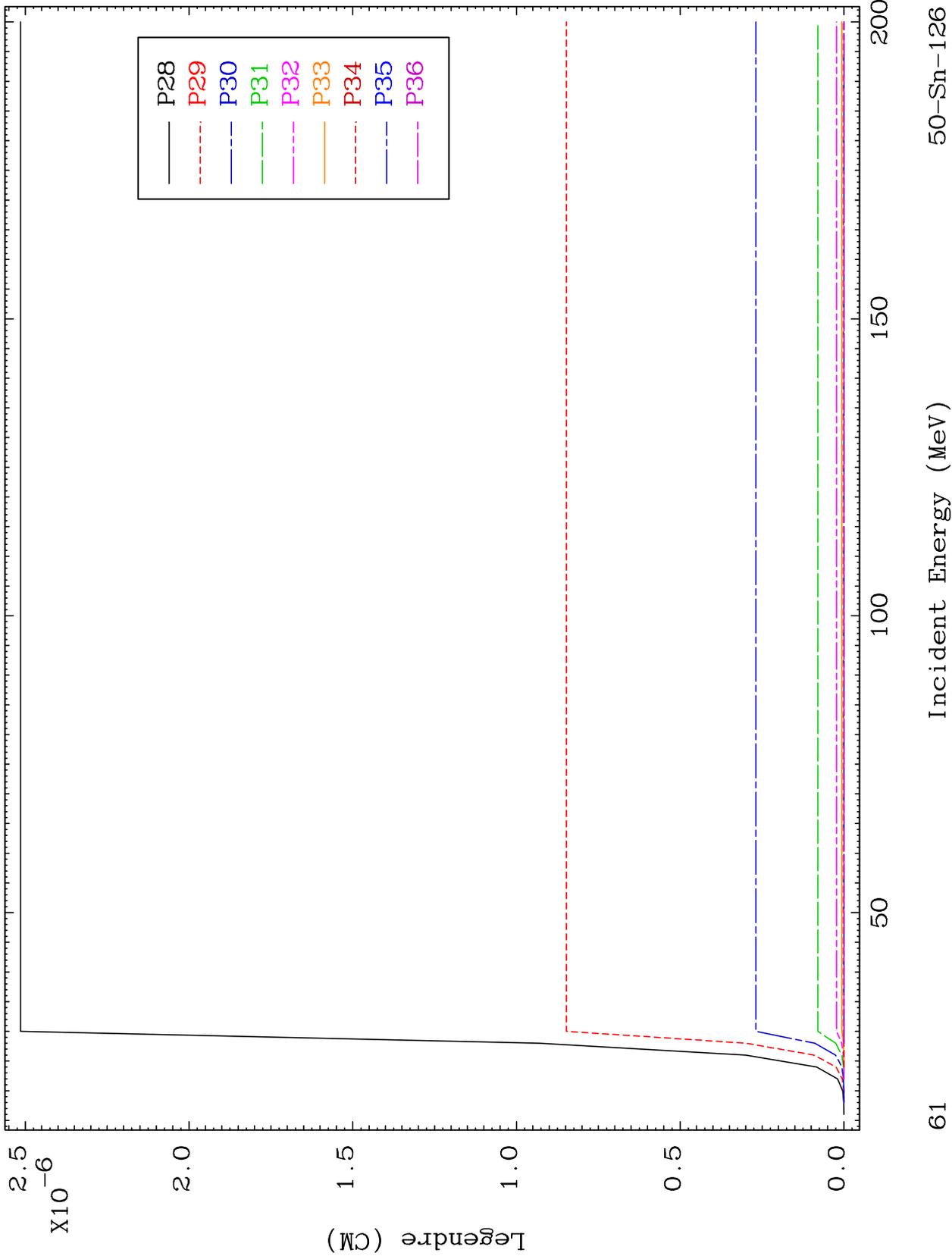
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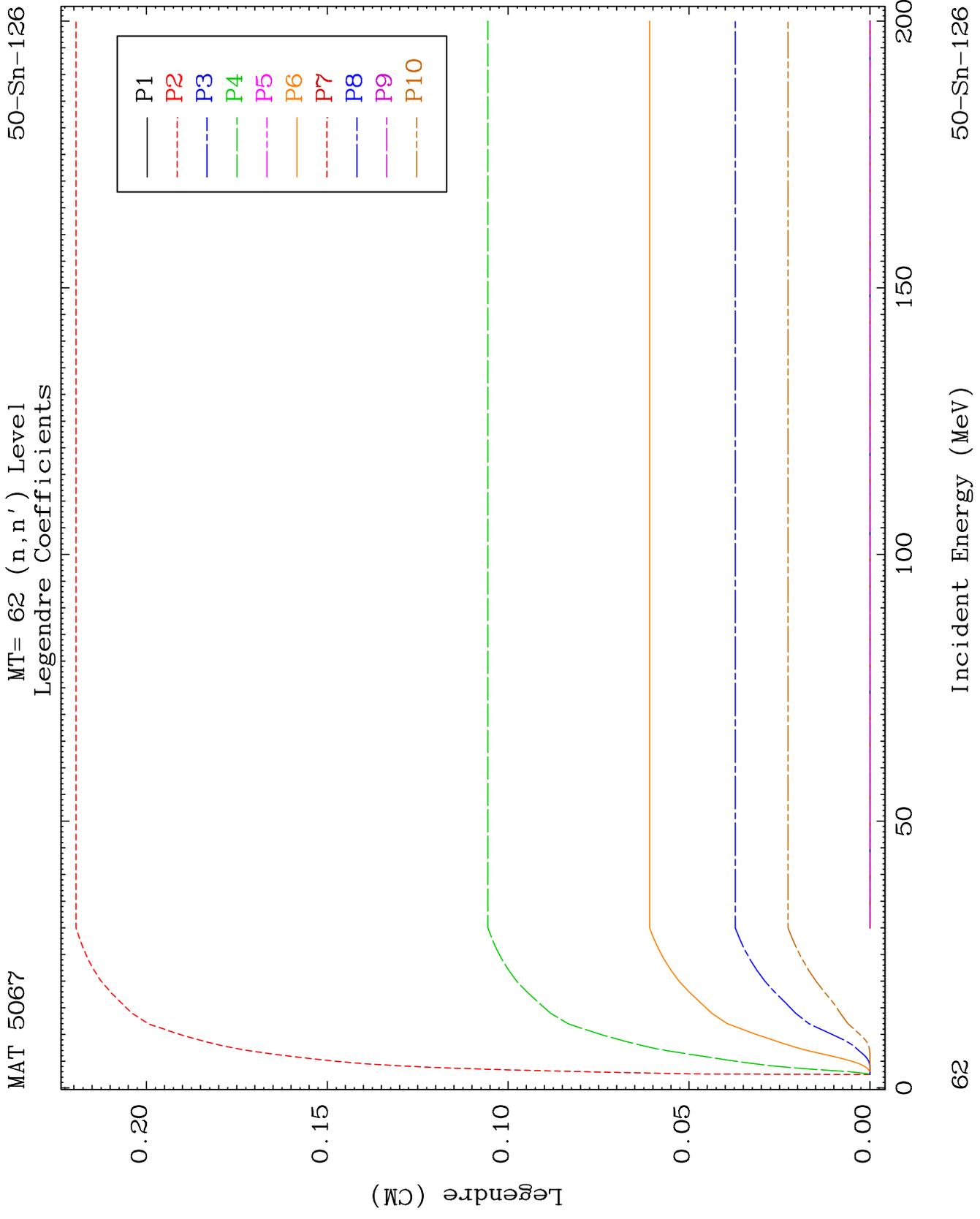


MAT 5067

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

50-Sn-126

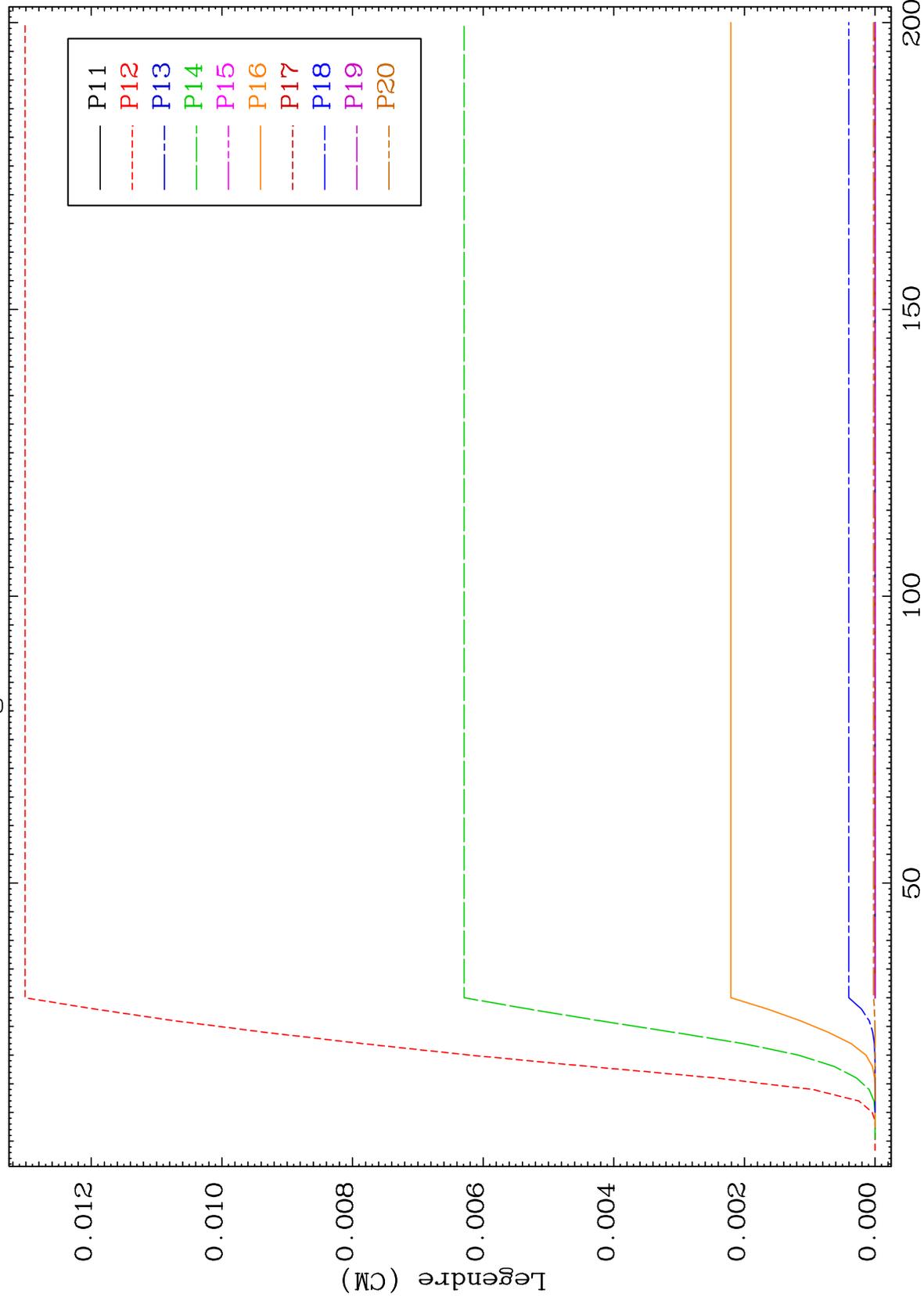




MAT 5067

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

50-Sn-126



63

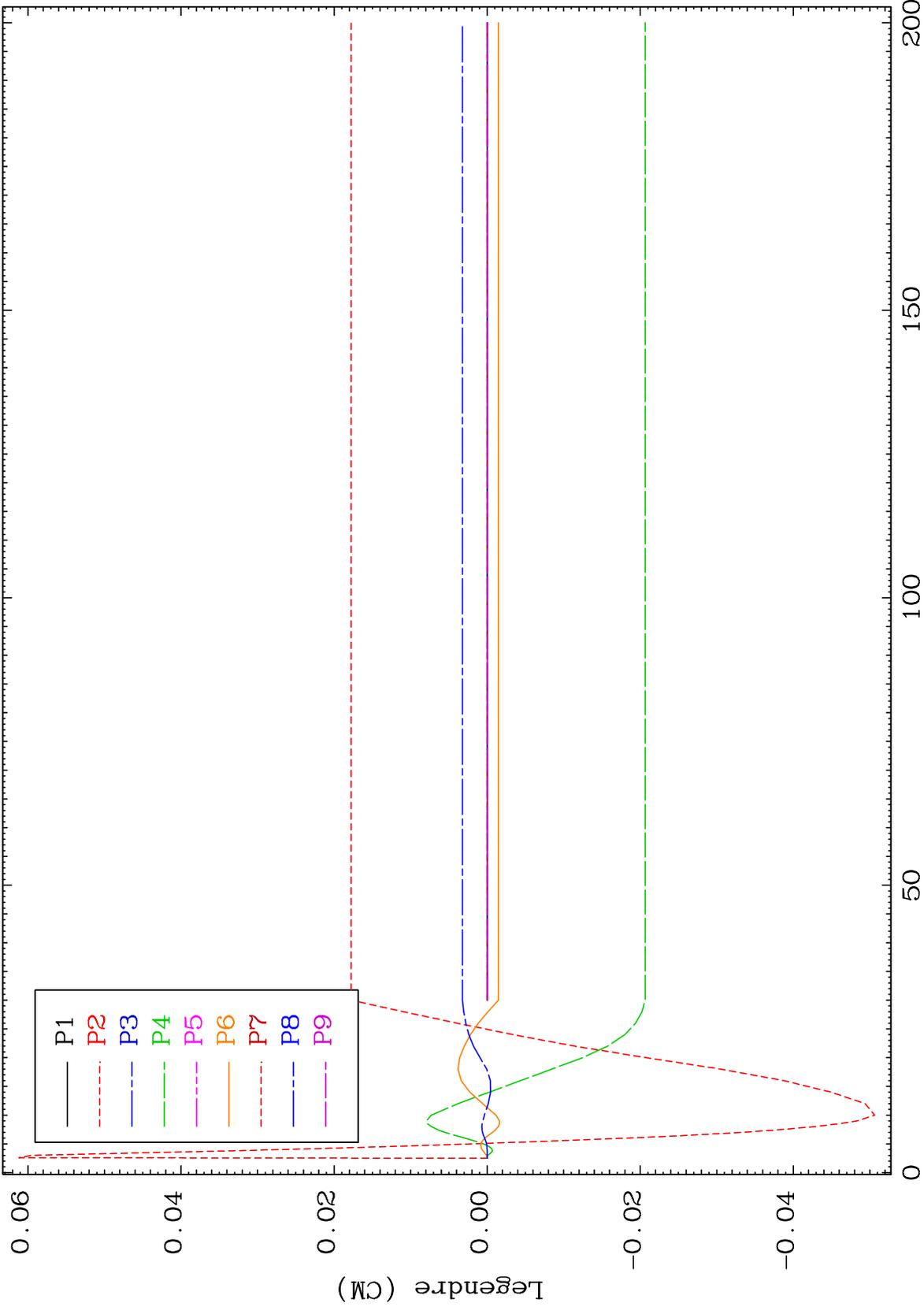
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



50-Sn-126

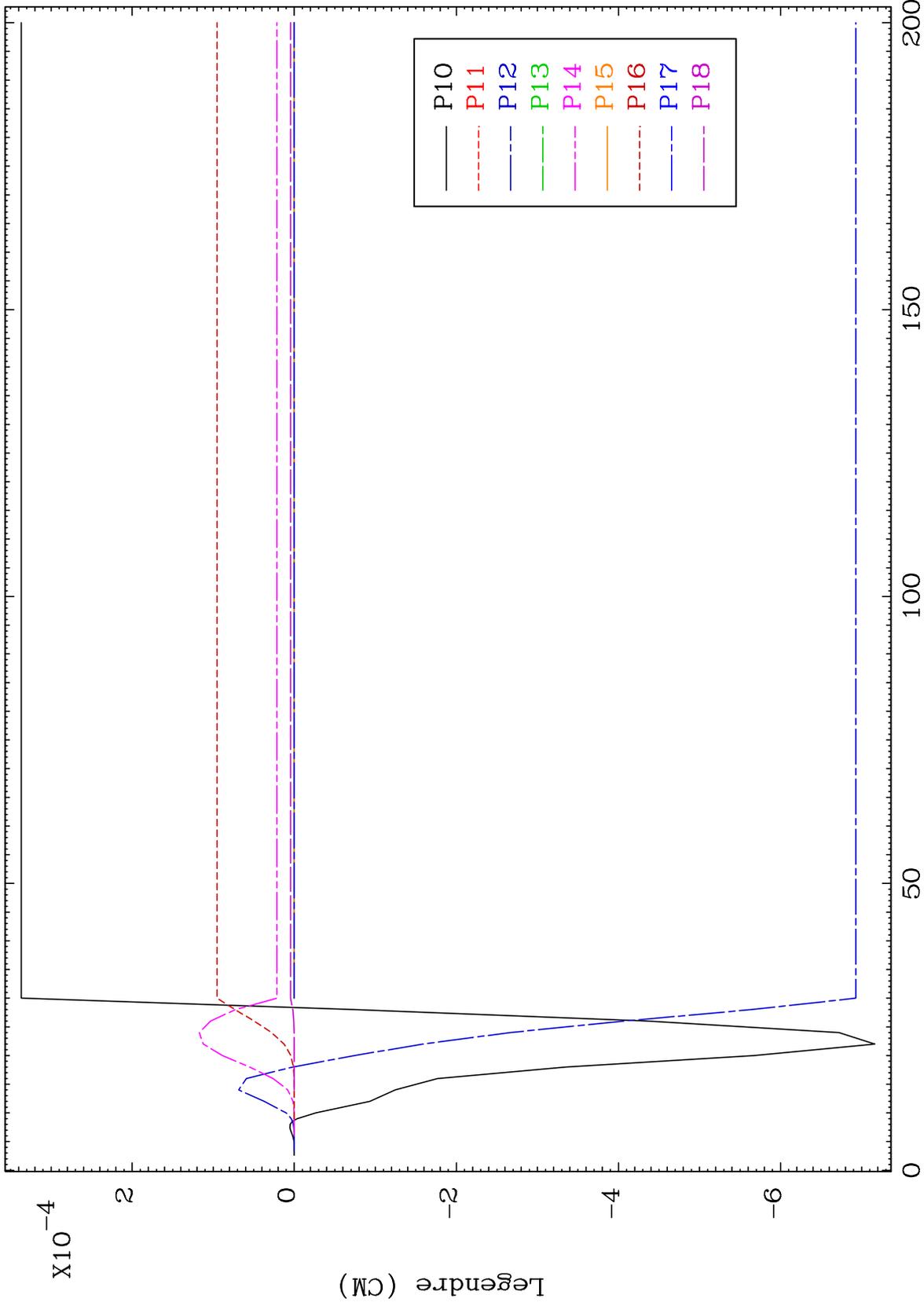
Incident Energy (MeV)

65

MAT 5067

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

50-Sn-126



66

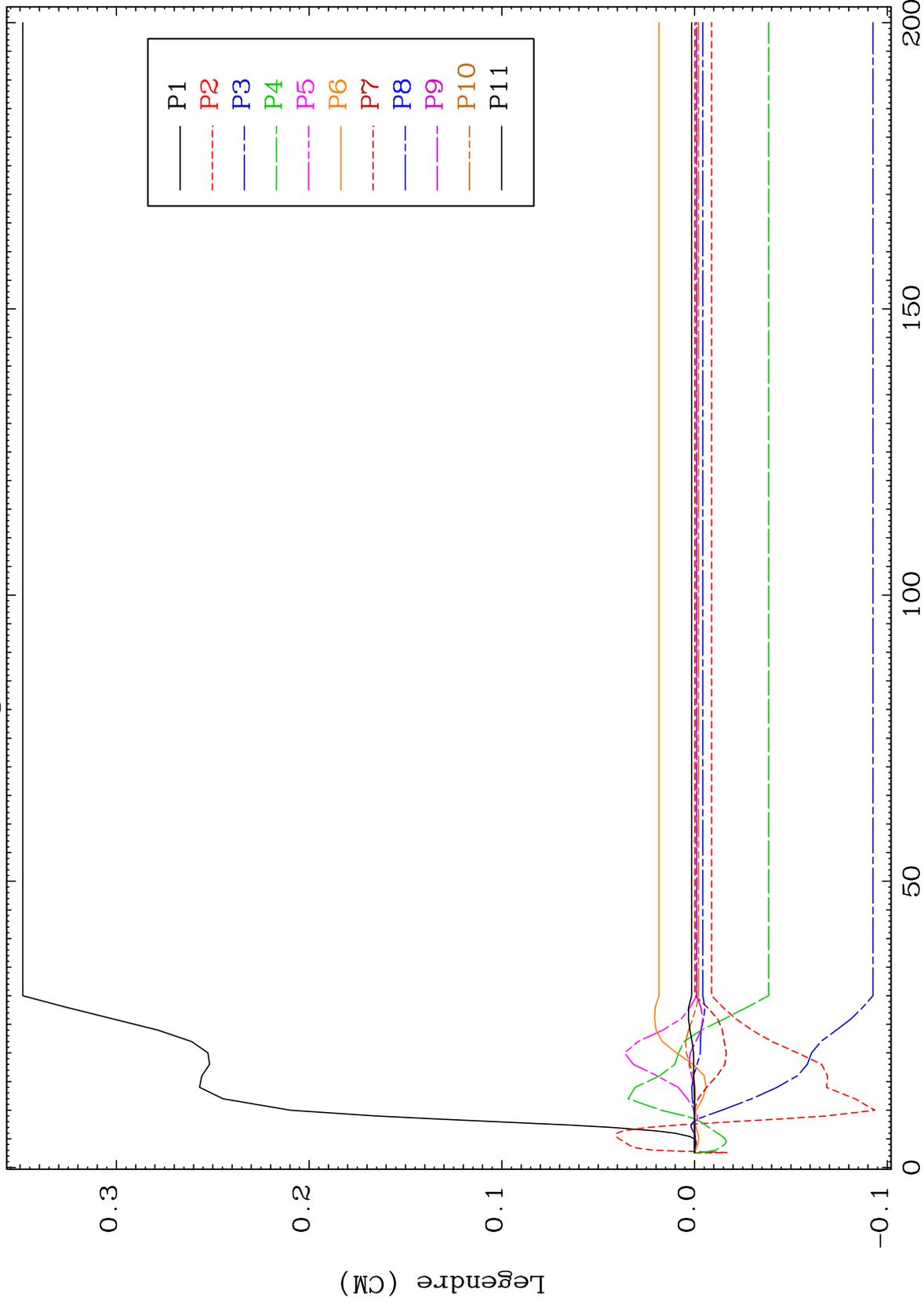
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



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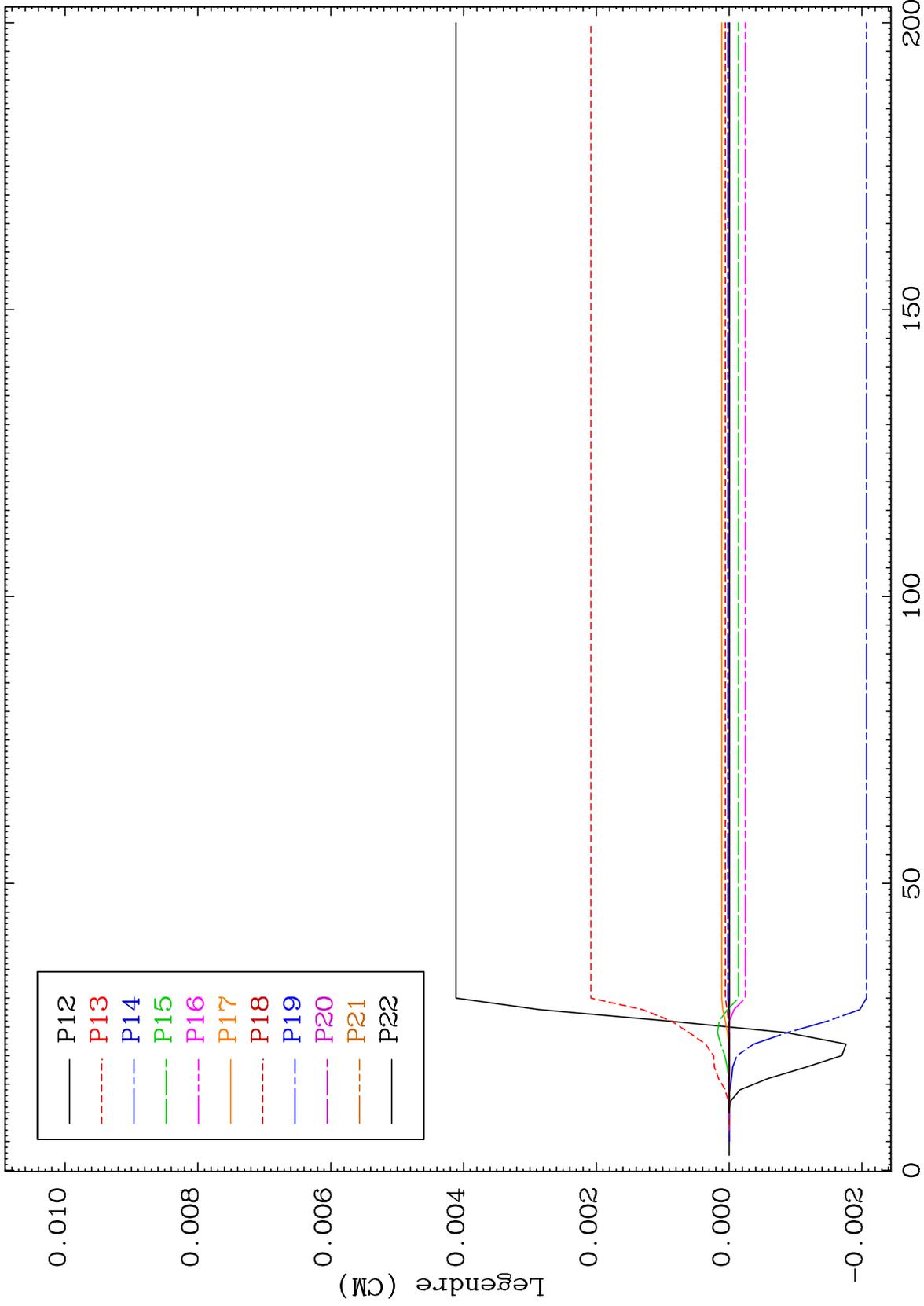
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

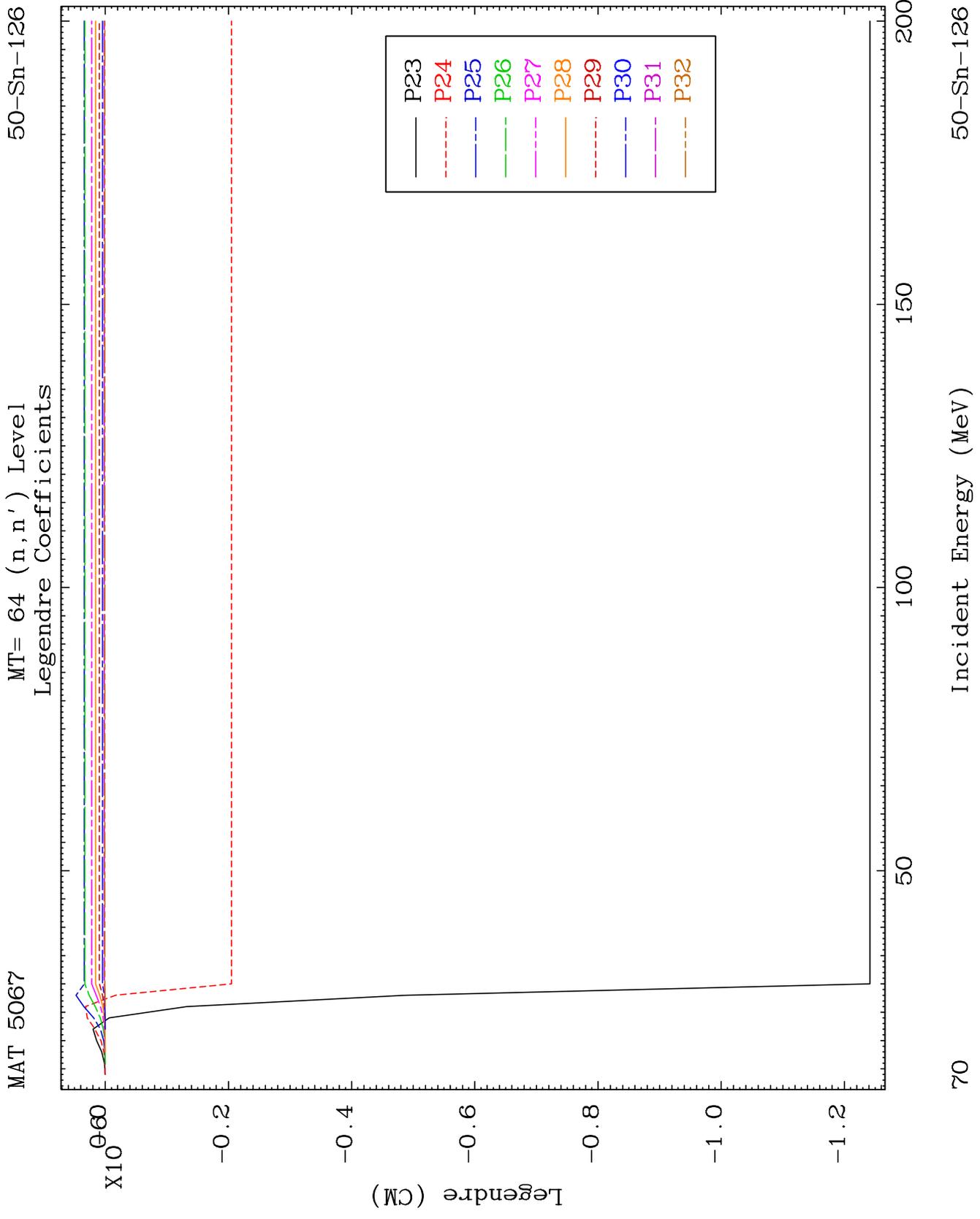
50-Sn-126



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Incident Energy (MeV)

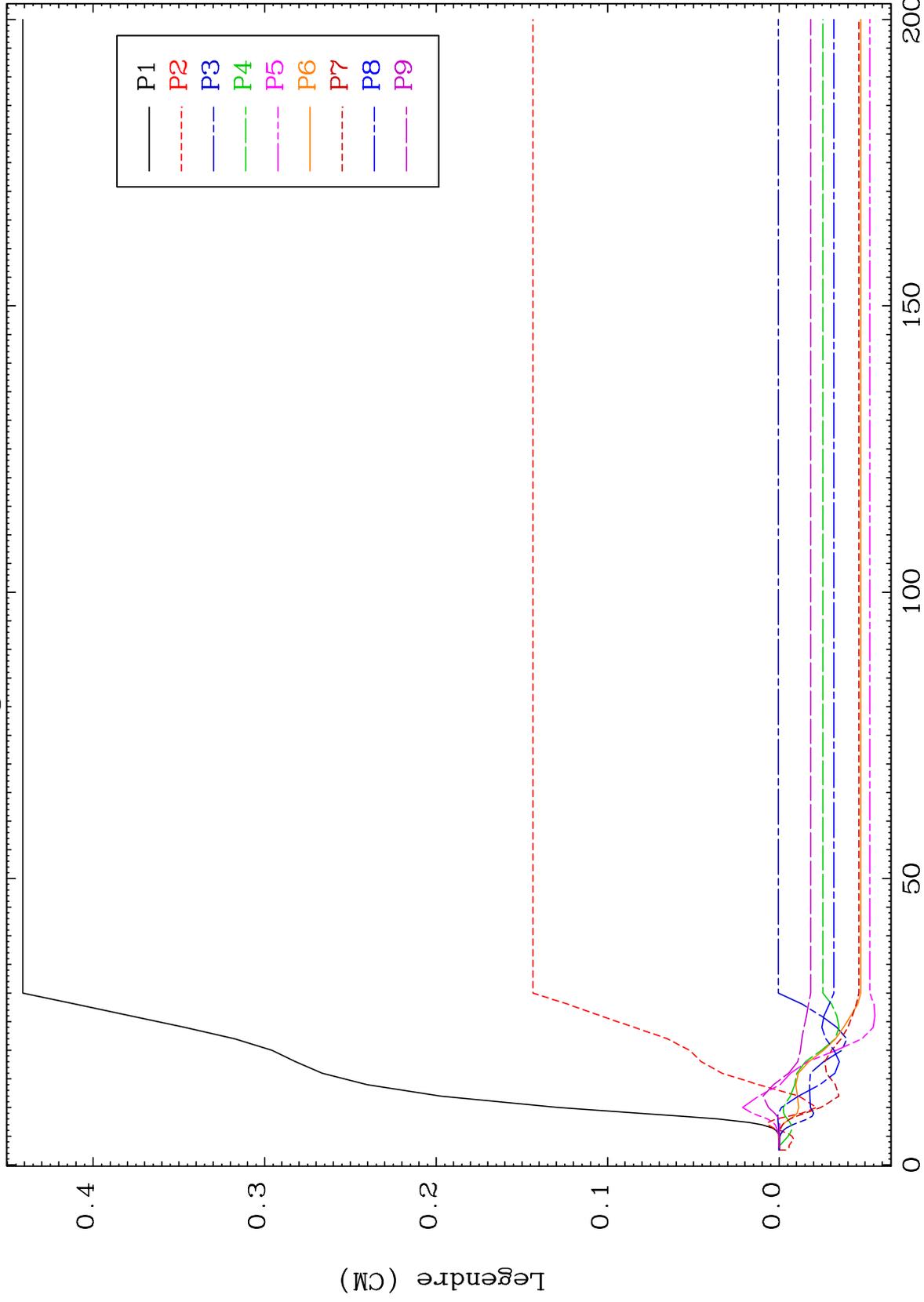
50-Sn-126



MAT 5067

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

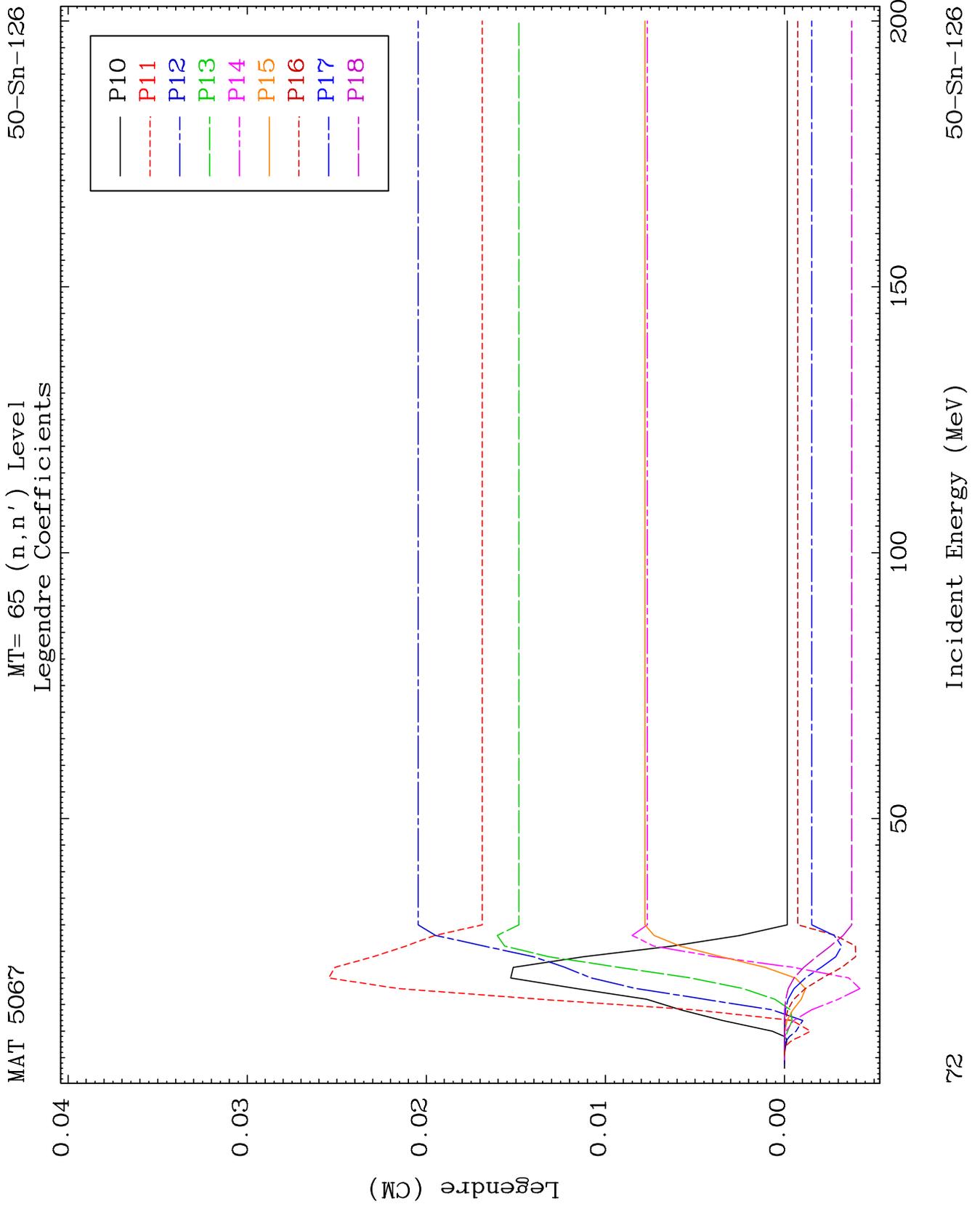
50-Sn-126



71

Incident Energy (MeV)

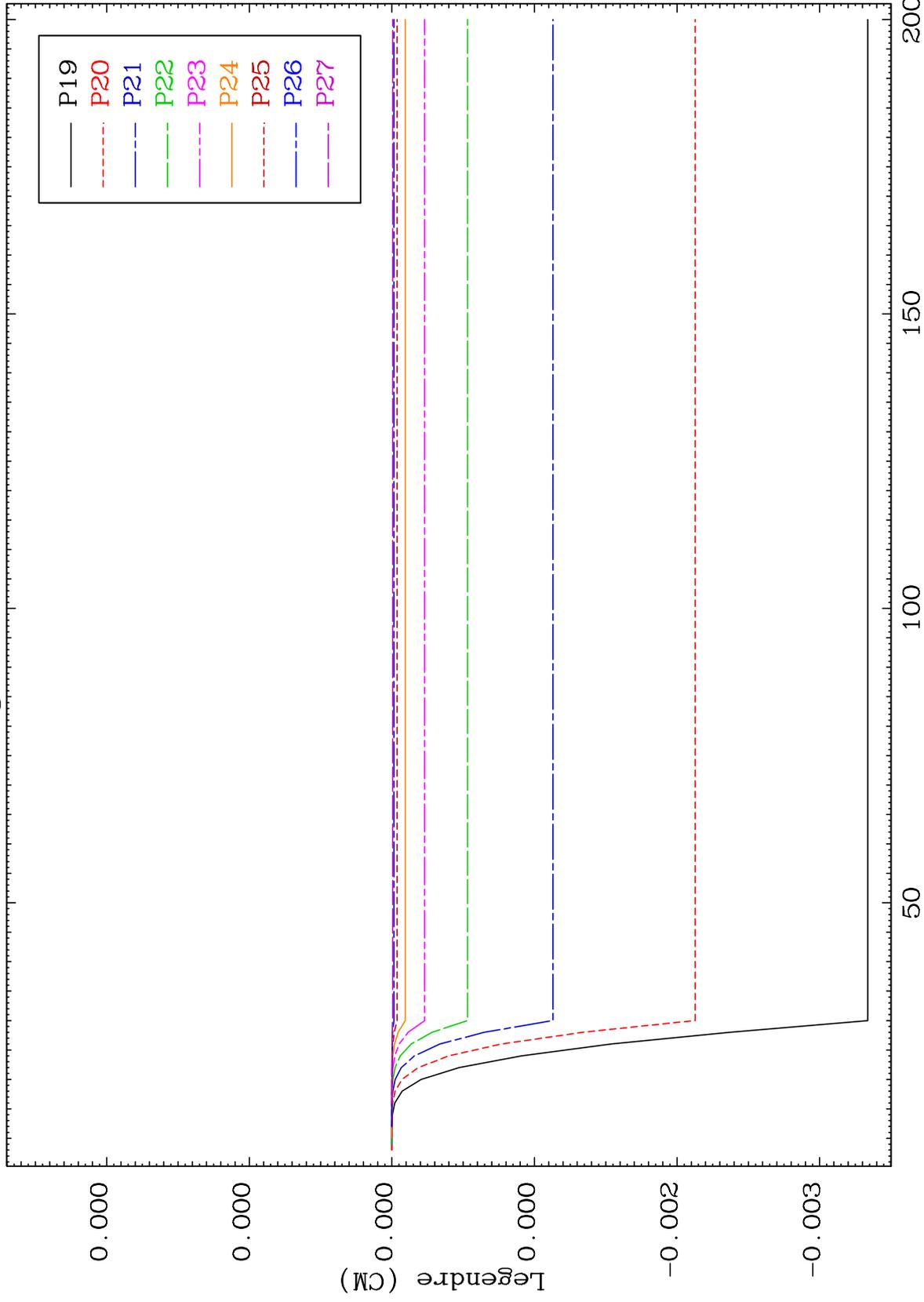
50-Sn-126



MAT 5067

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

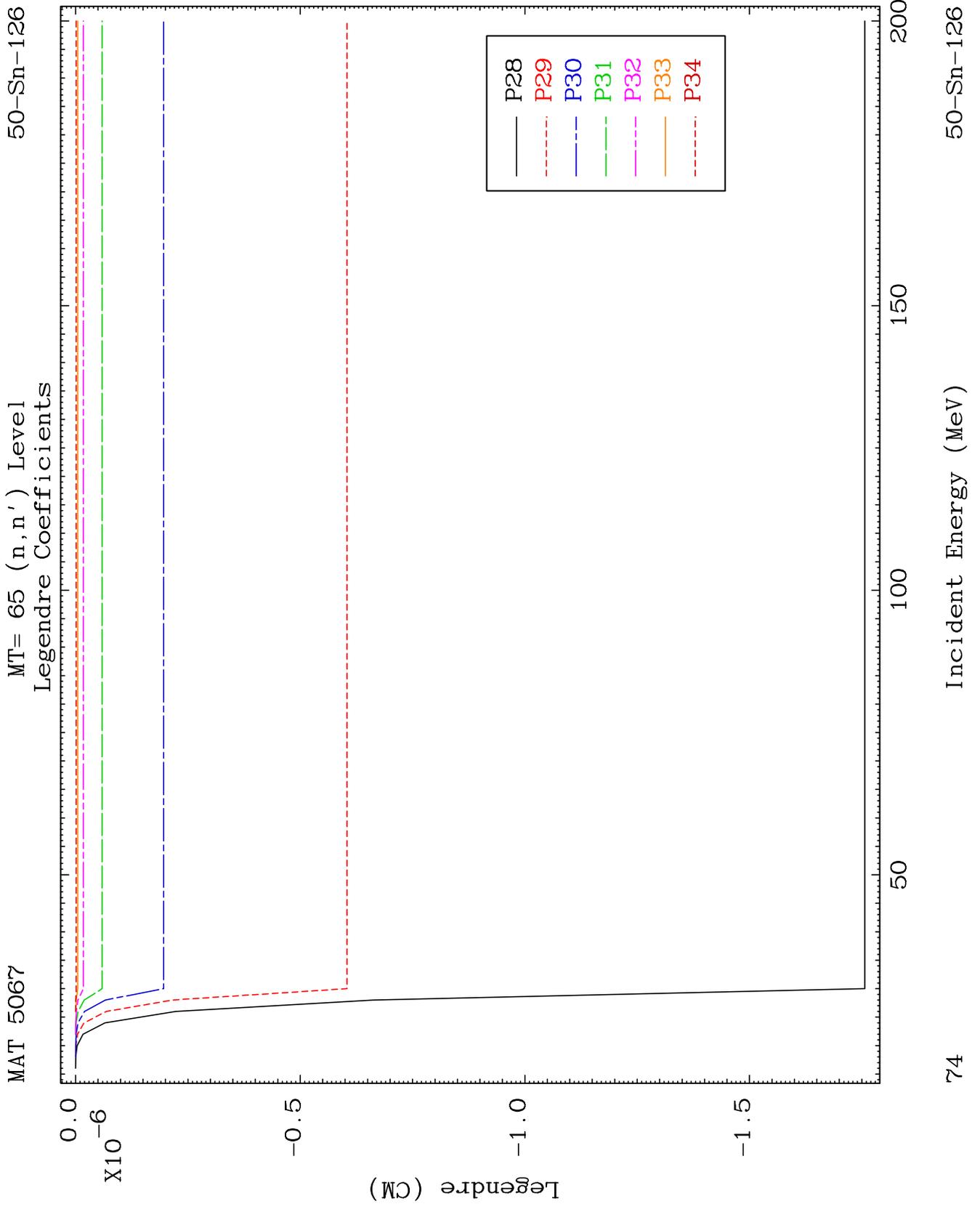
50-Sn-126



73

Incident Energy (MeV)

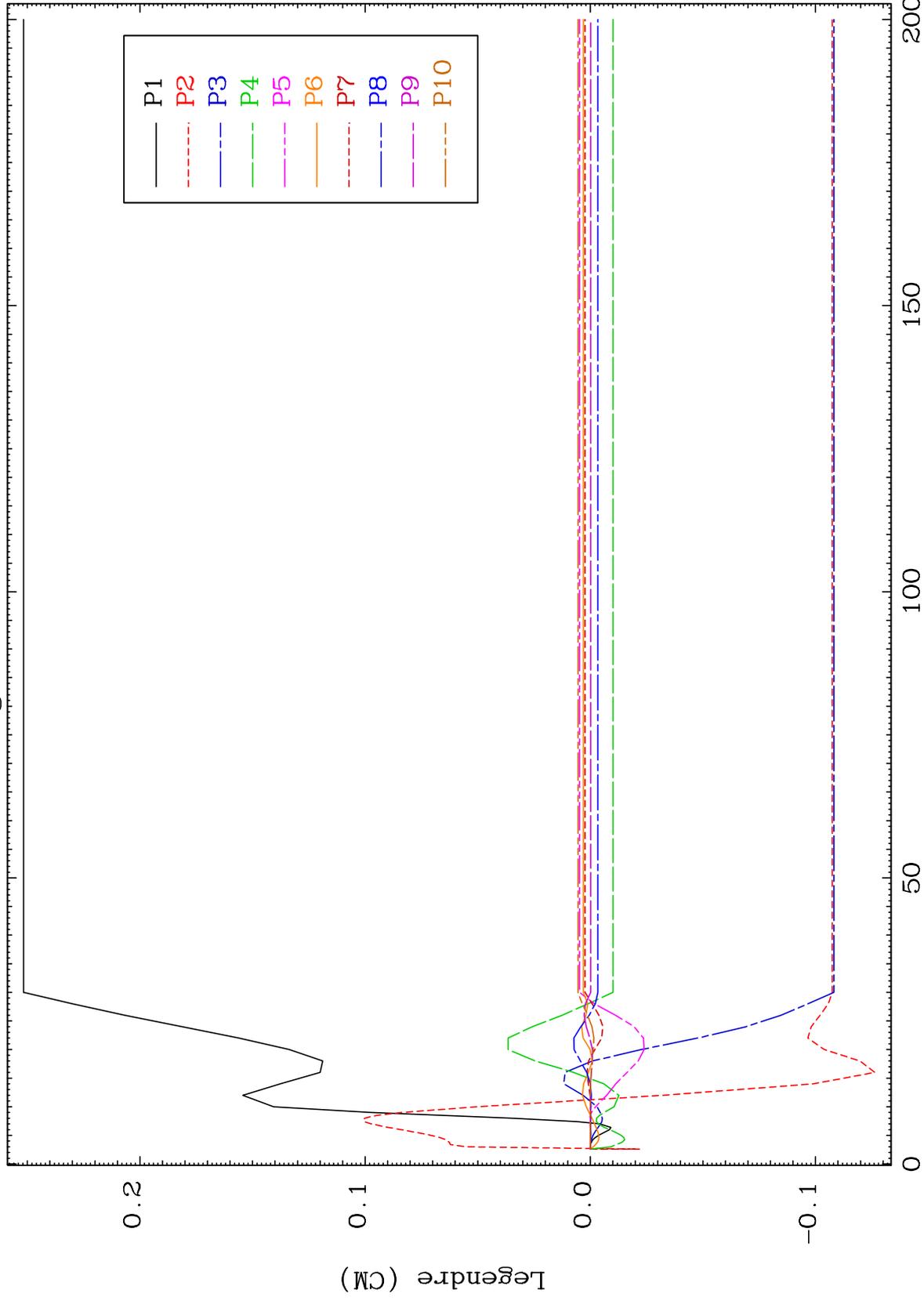
50-Sn-126



MAT 5067

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

50-Sn-126



75

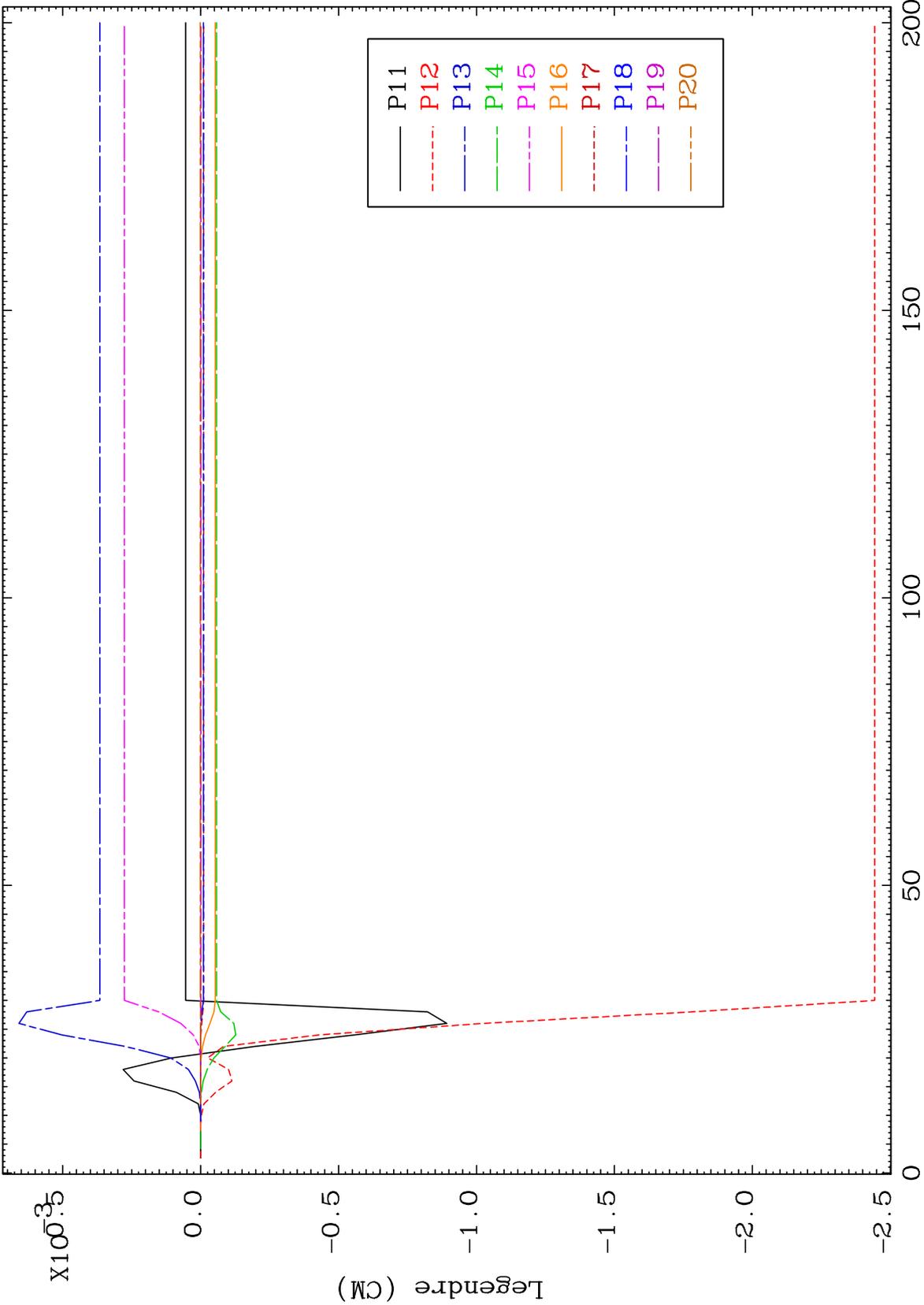
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



76

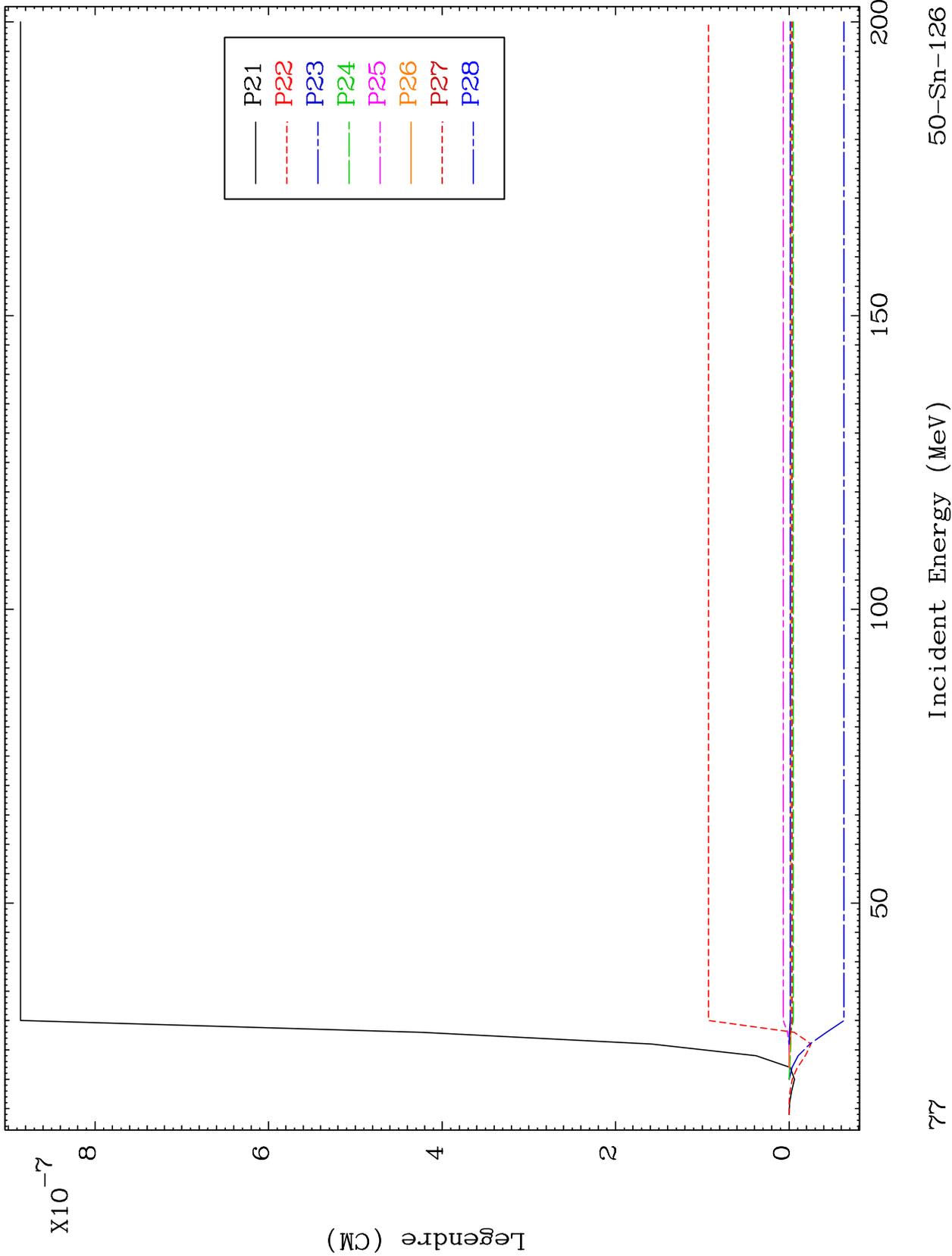
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



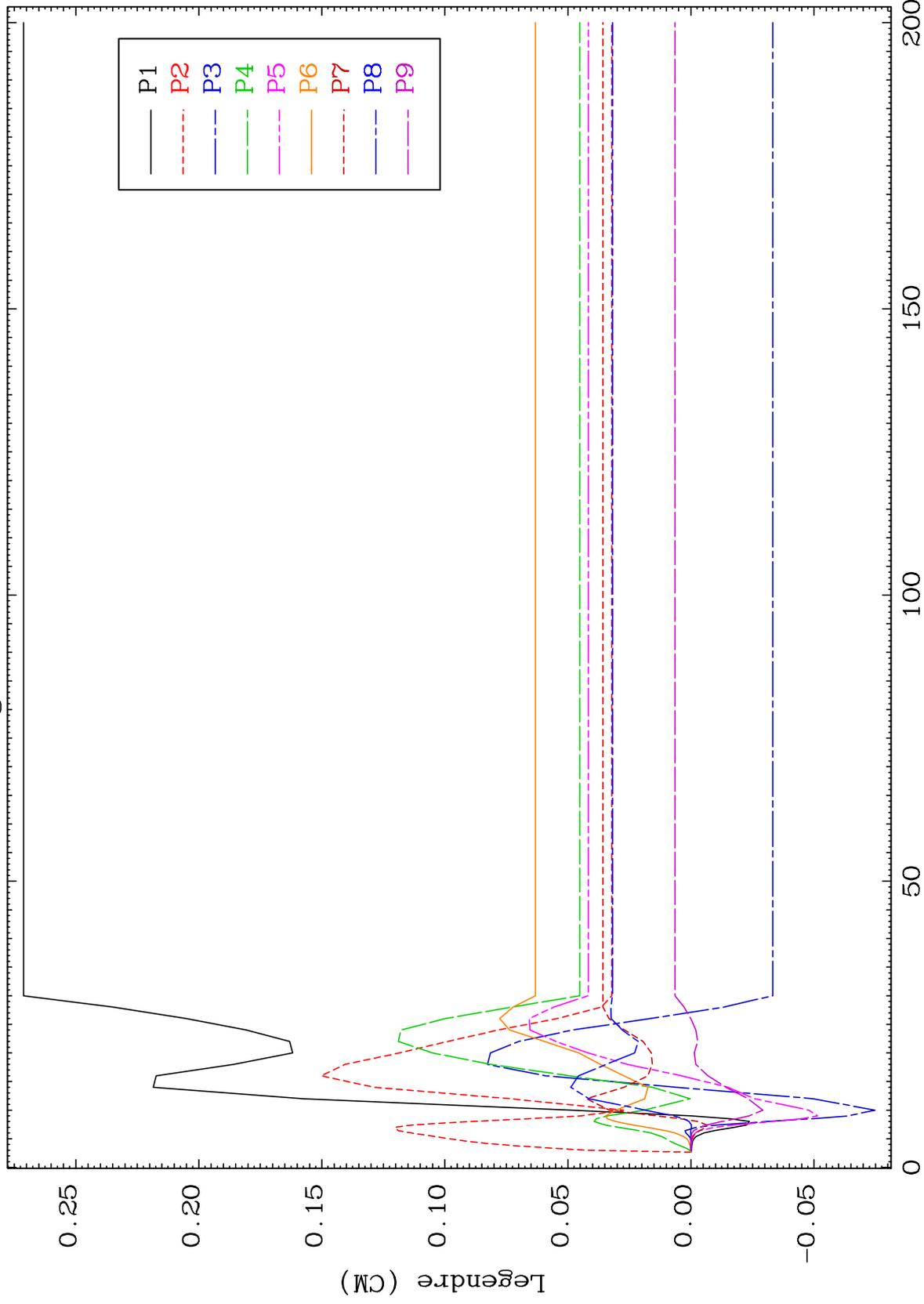
77

50-Sn-126

MAT 5067

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

50-Sn-126



78

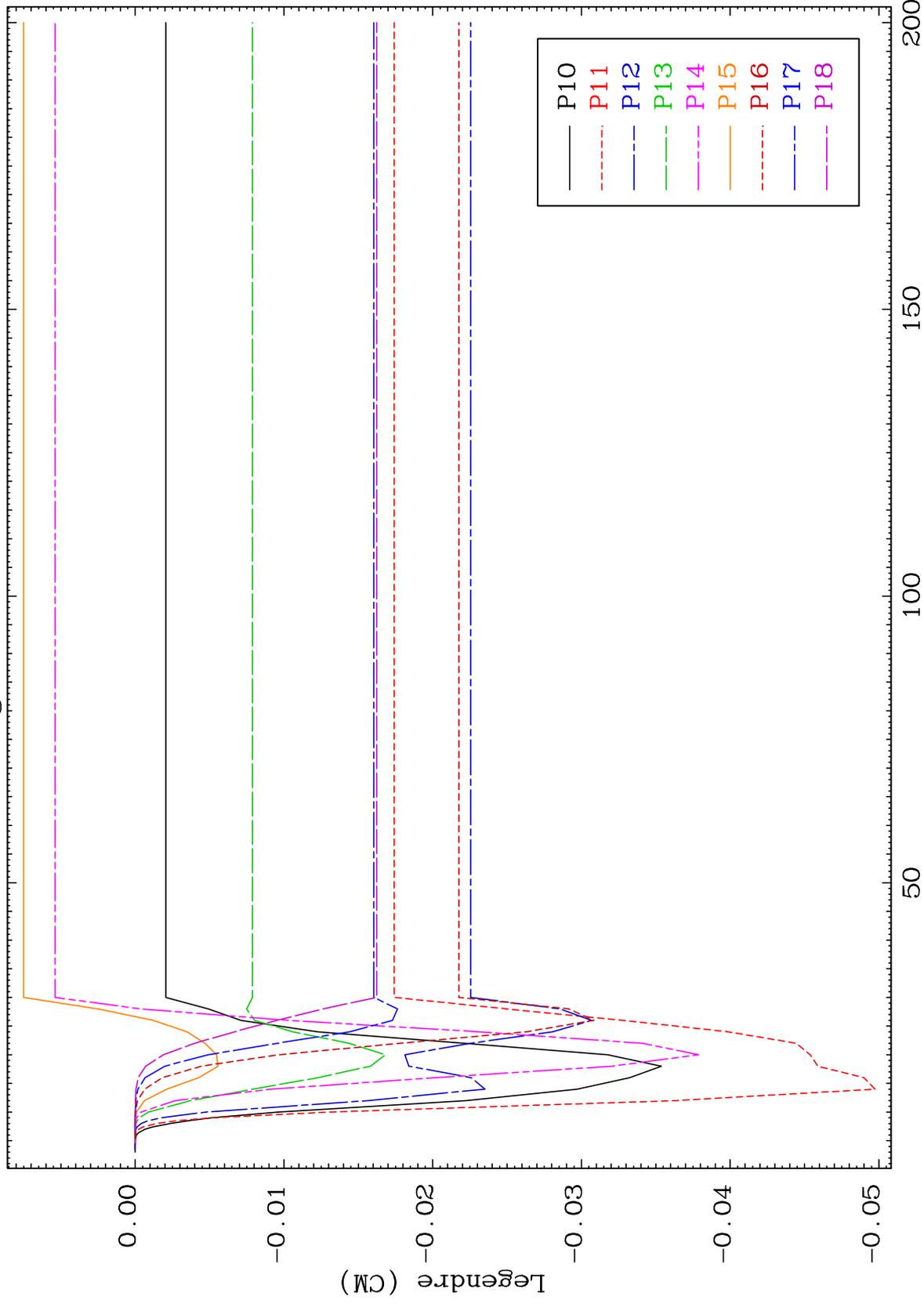
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

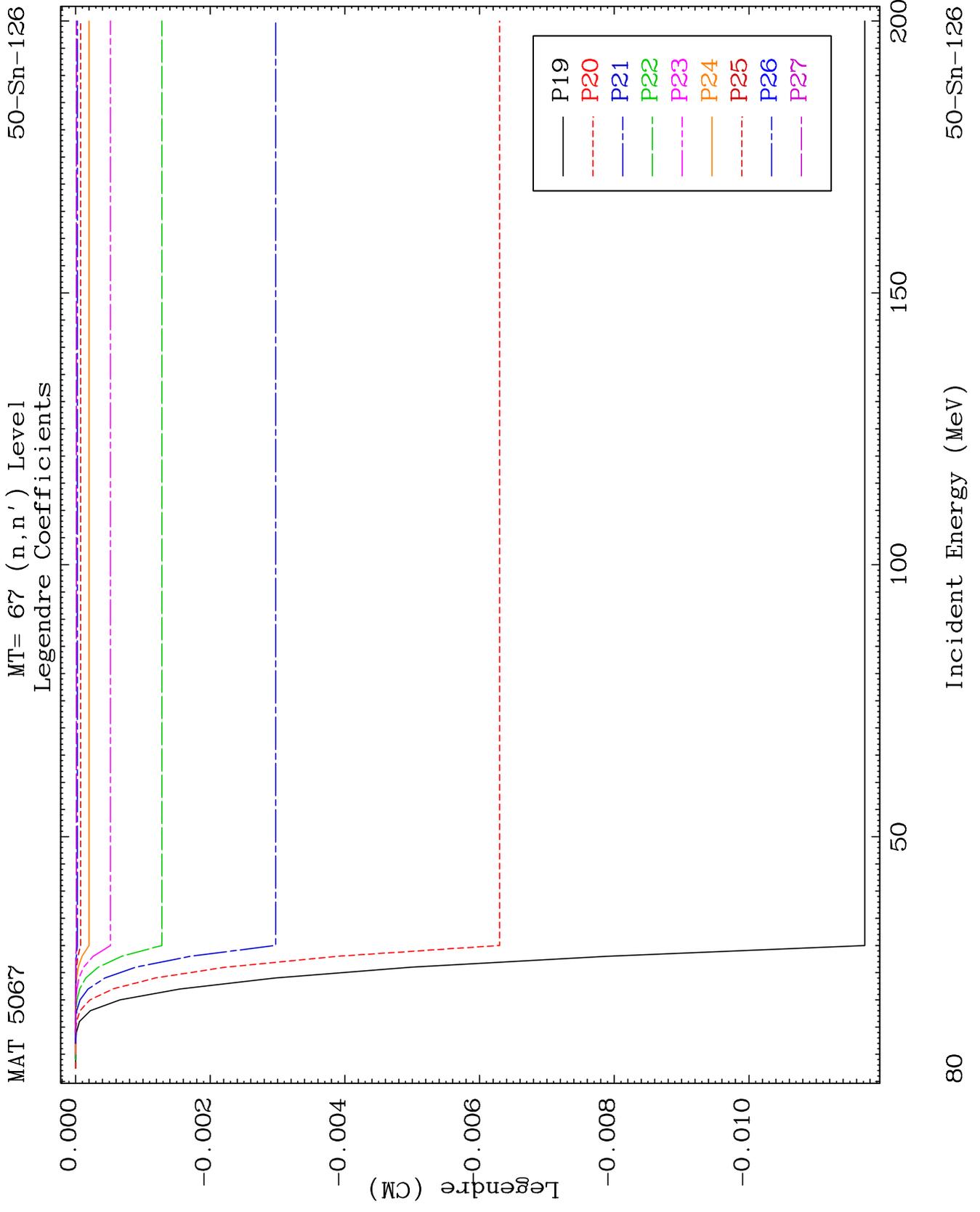
50-Sn-126

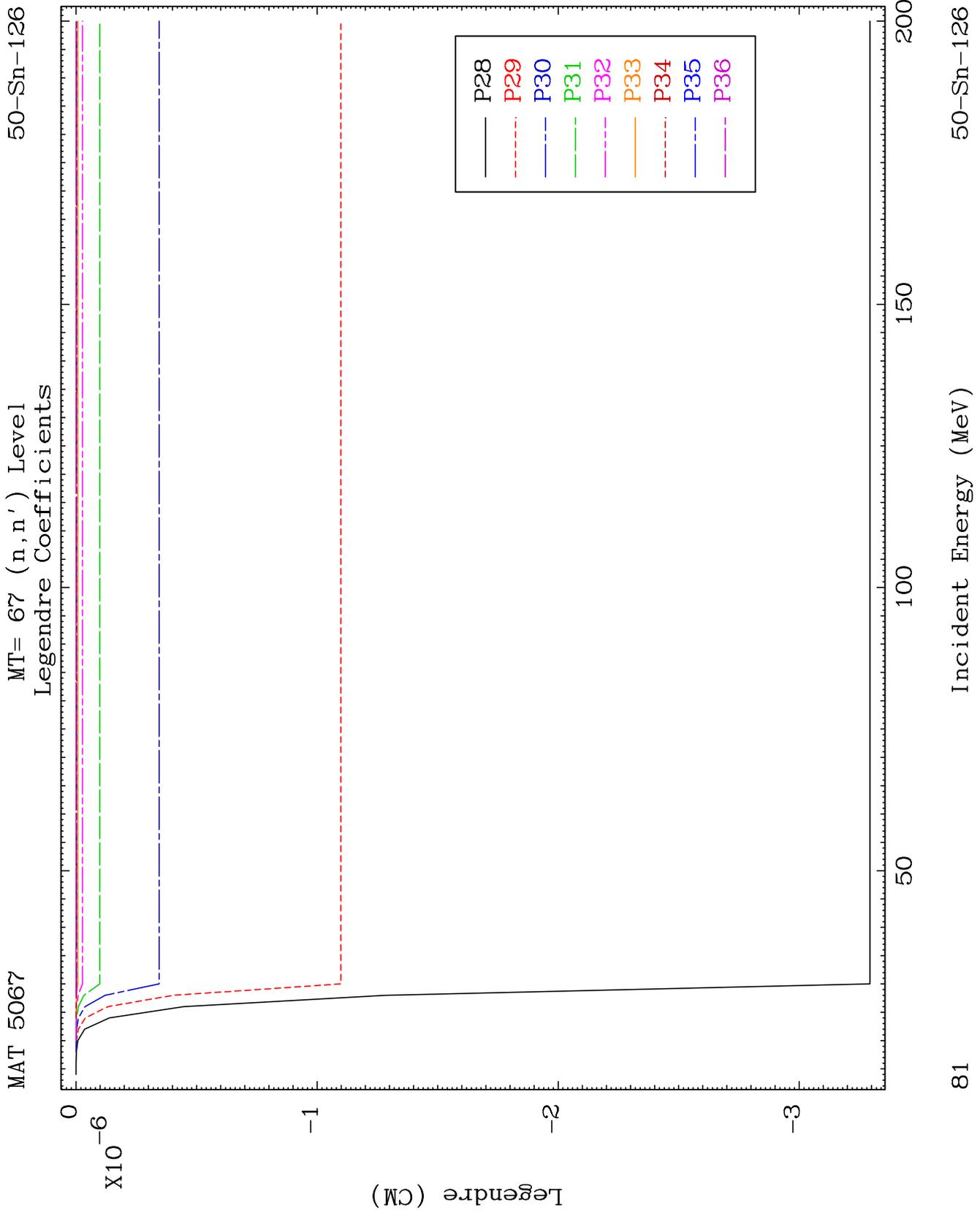


79

Incident Energy (MeV)

50-Sn-126

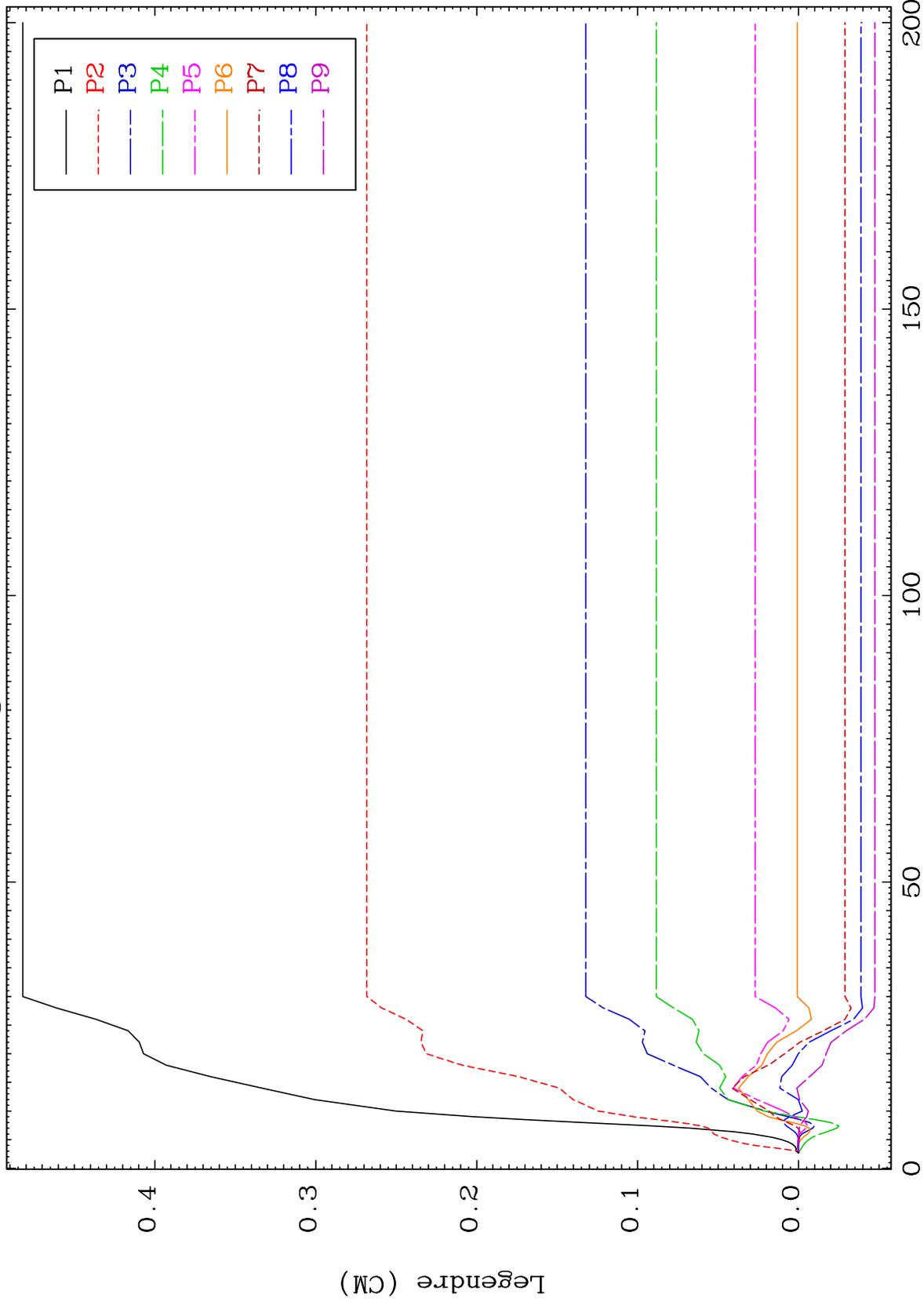




MAT 5067

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

50-Sn-126



82

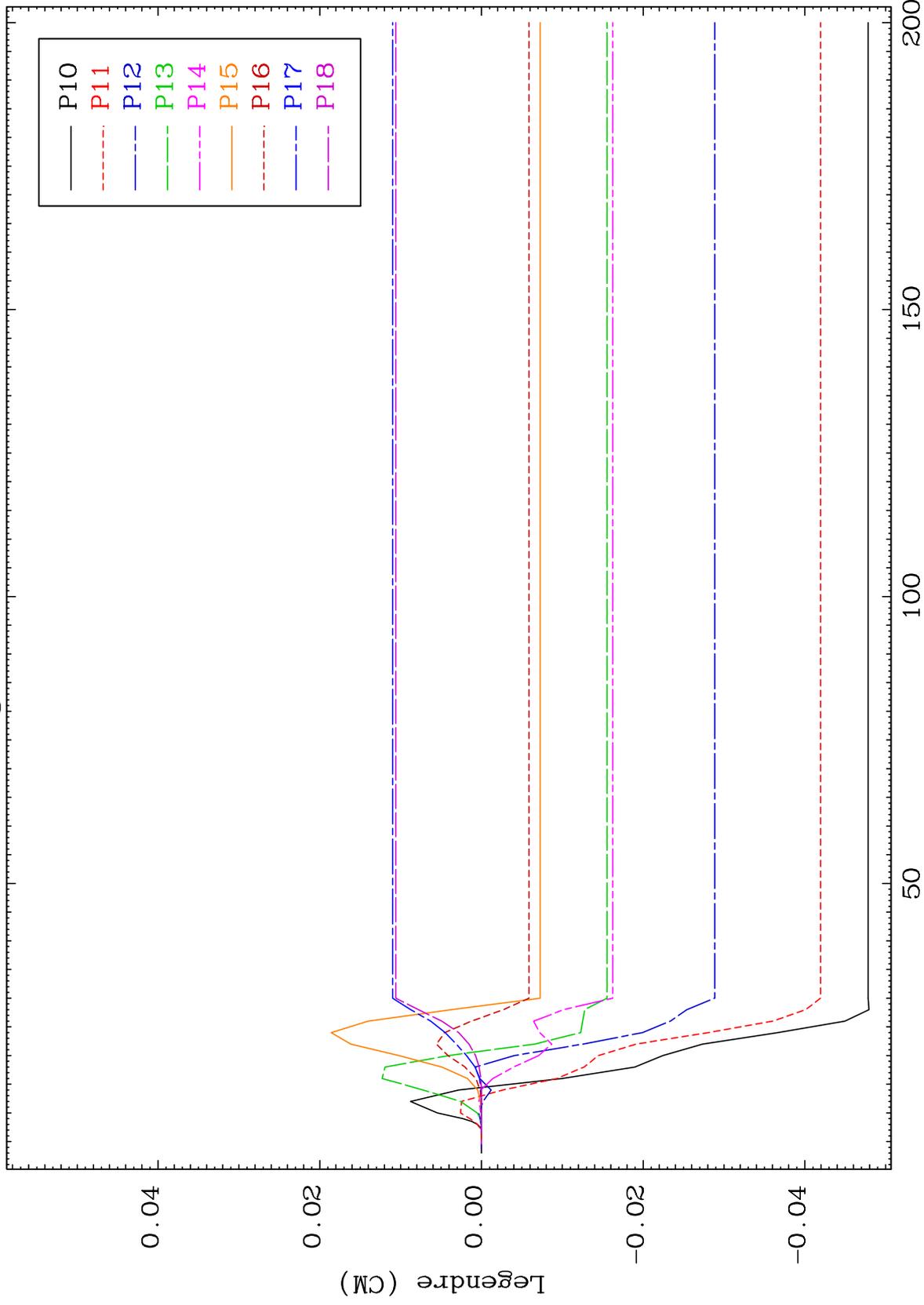
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



83

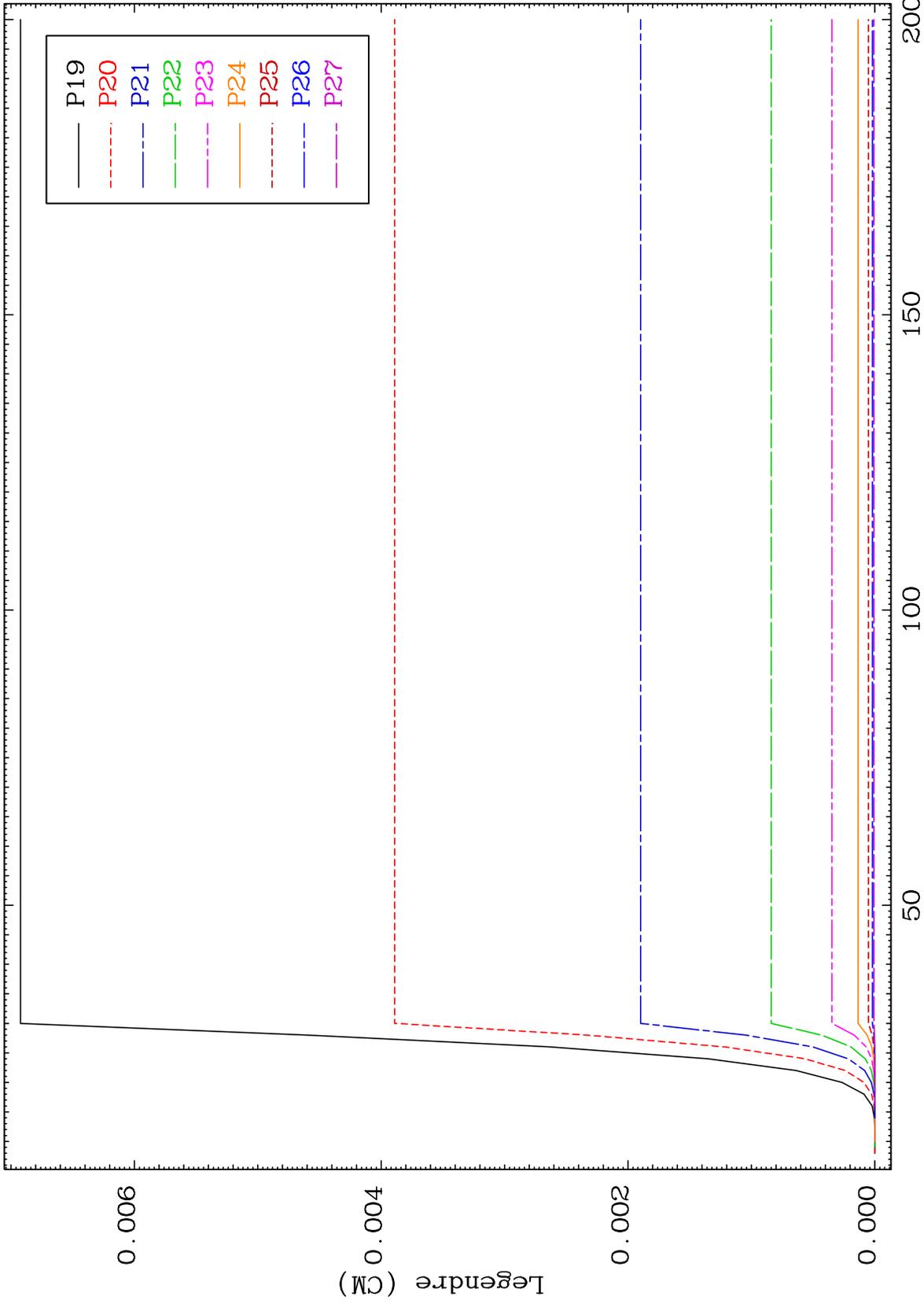
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

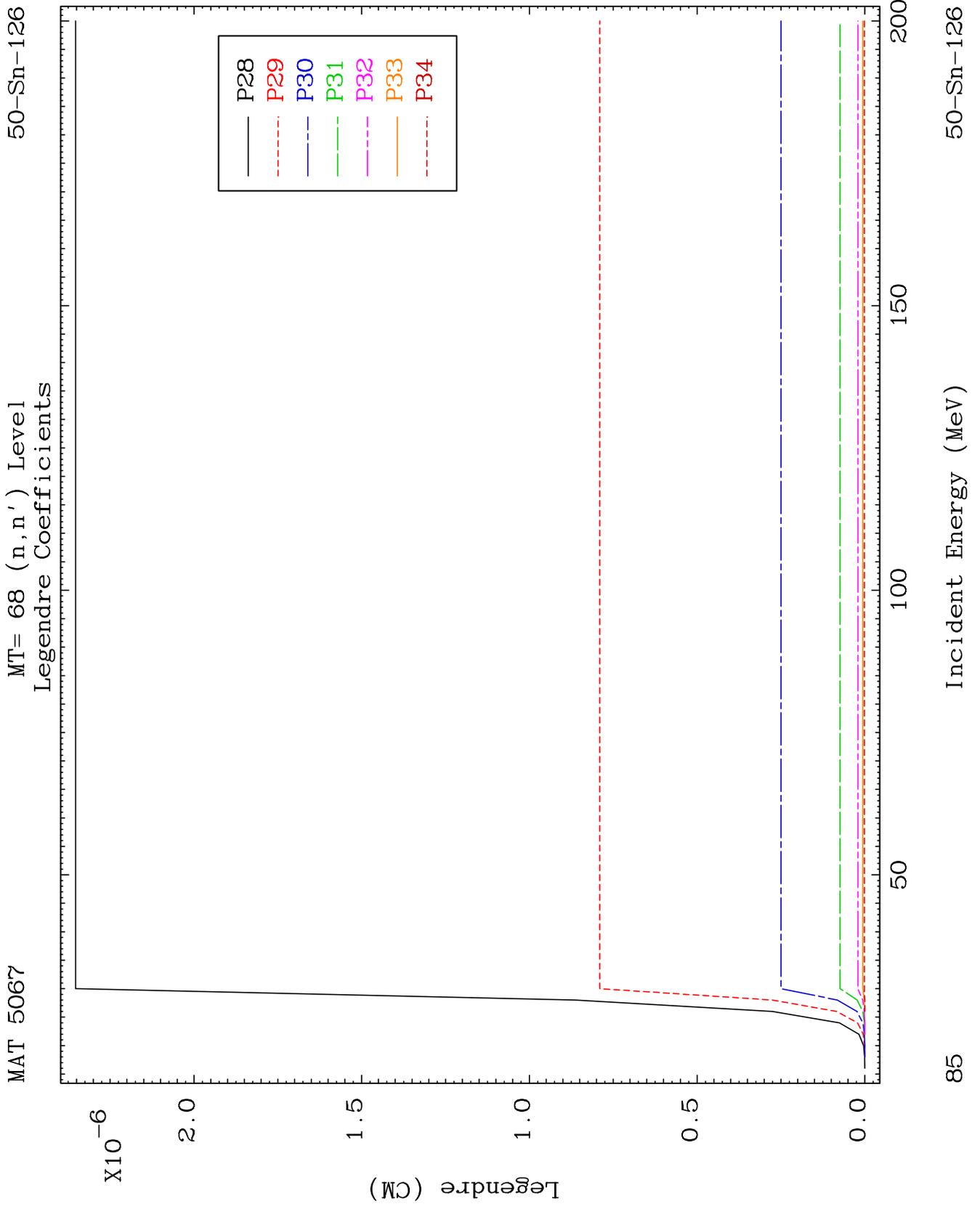
50-Sn-126



84

Incident Energy (MeV)

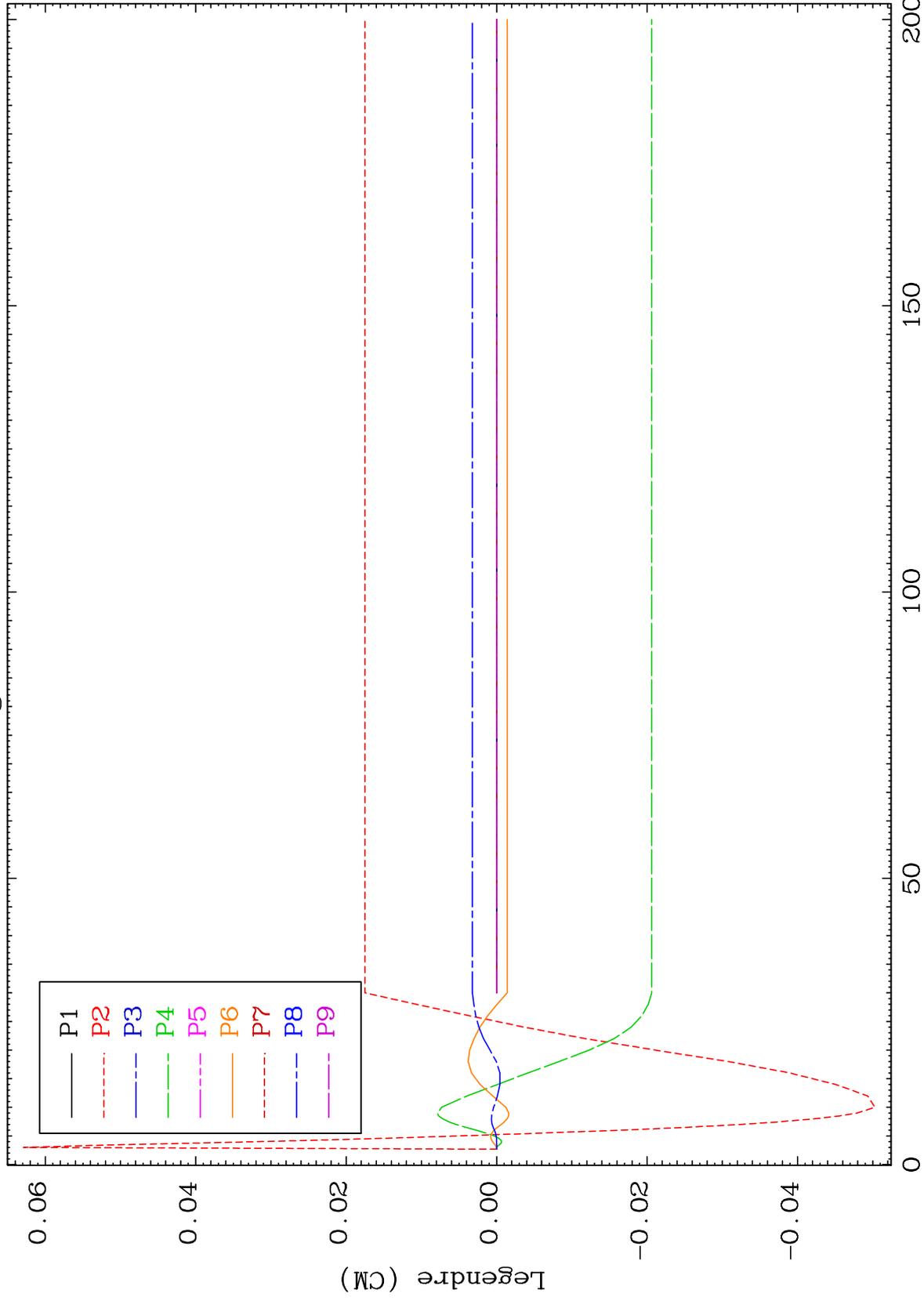
50-Sn-126



MAT 5067

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

50-Sn-126



86

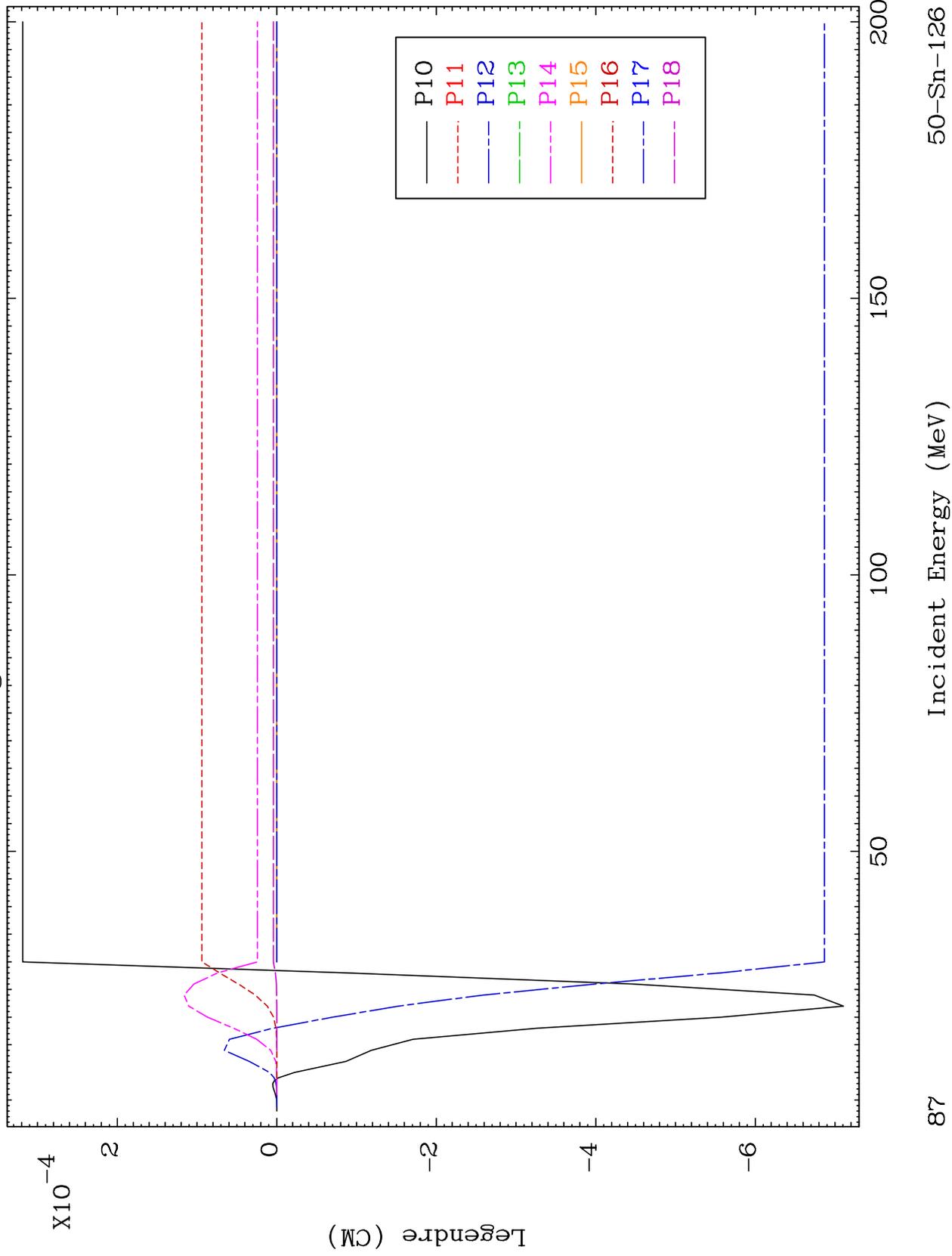
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



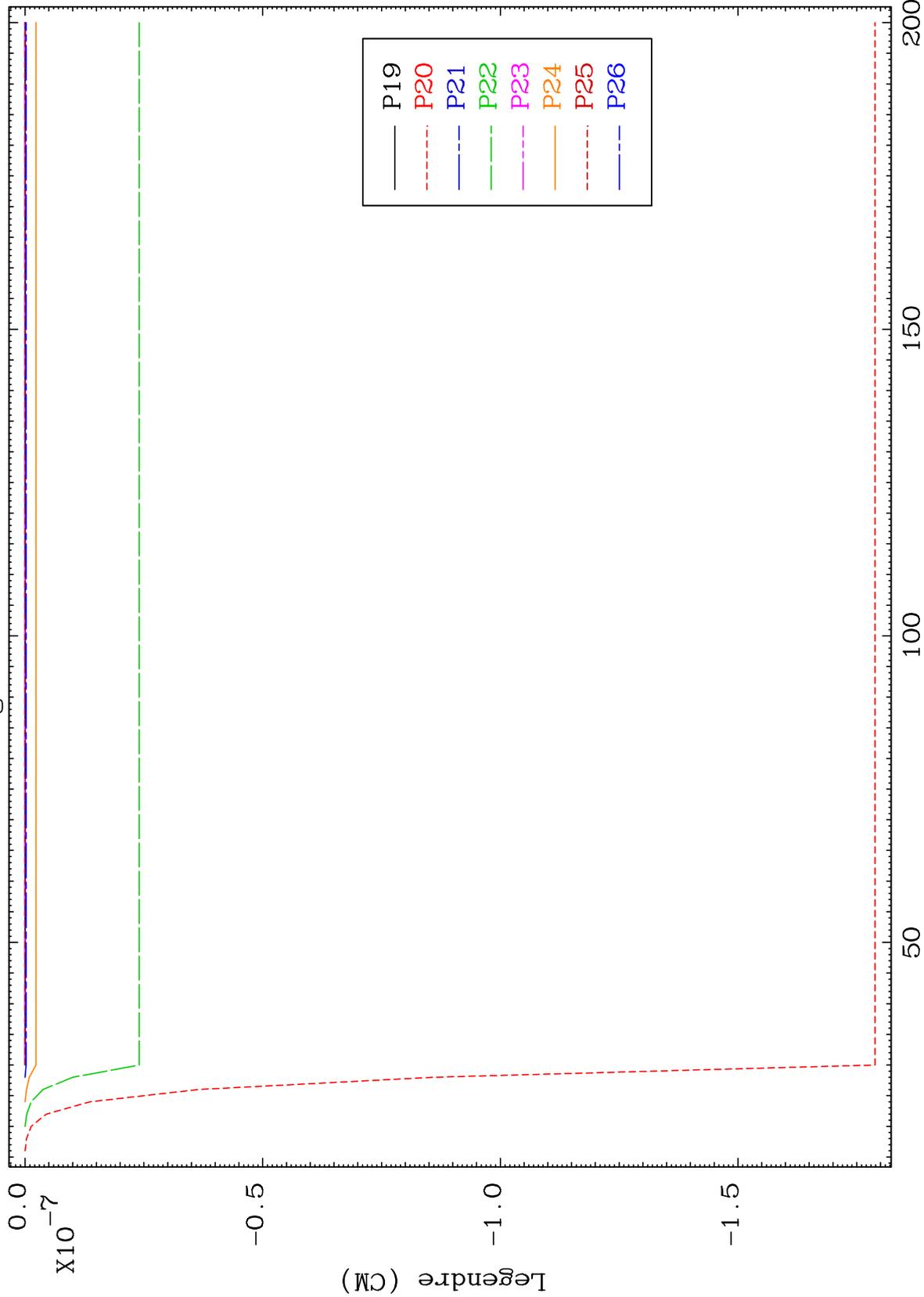
87

50-Sn-126

MAT 5067

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

50-Sn-126



50-Sn-126

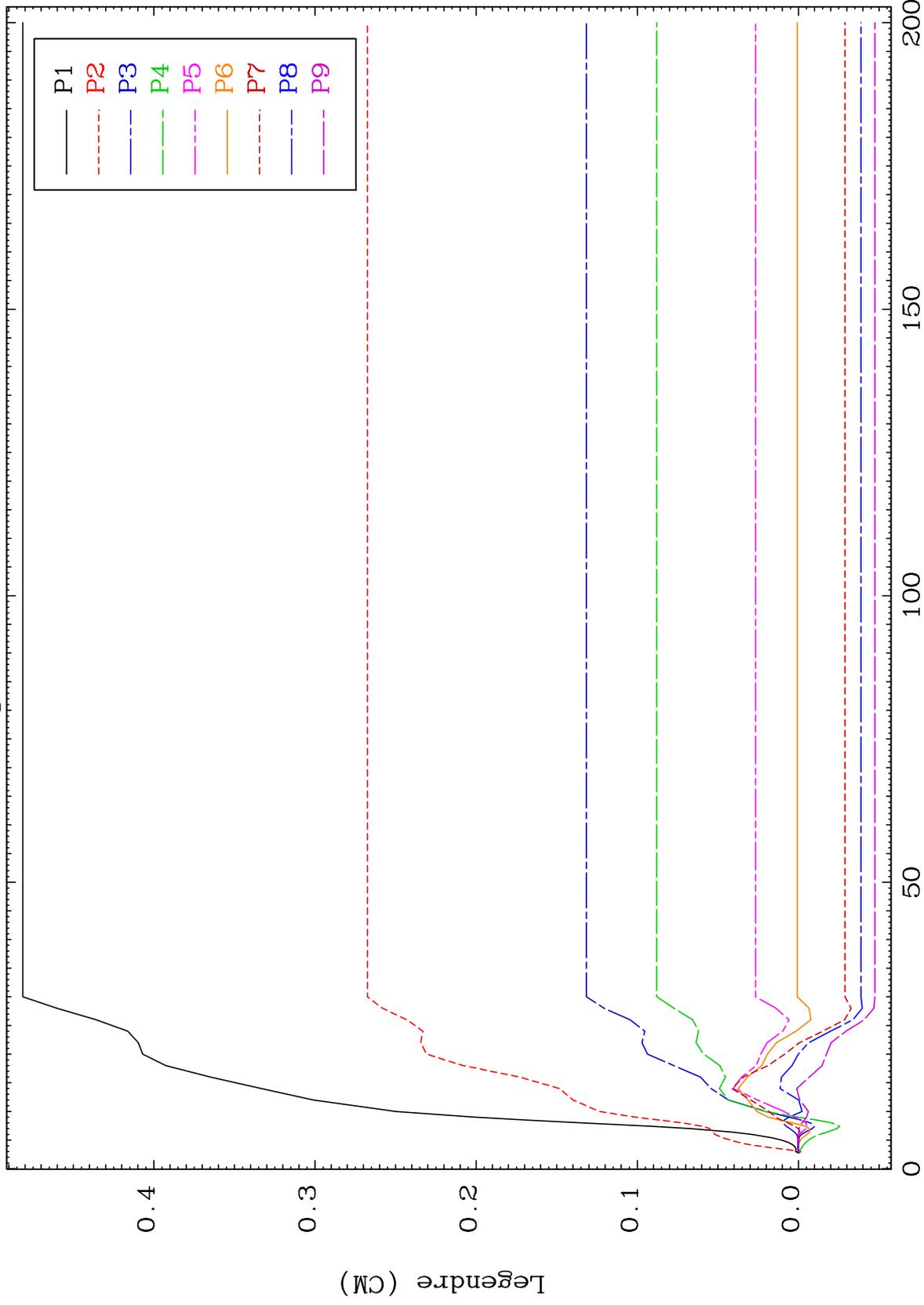
Incident Energy (MeV)

88

MAT 5067

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

50-Sn-126



89

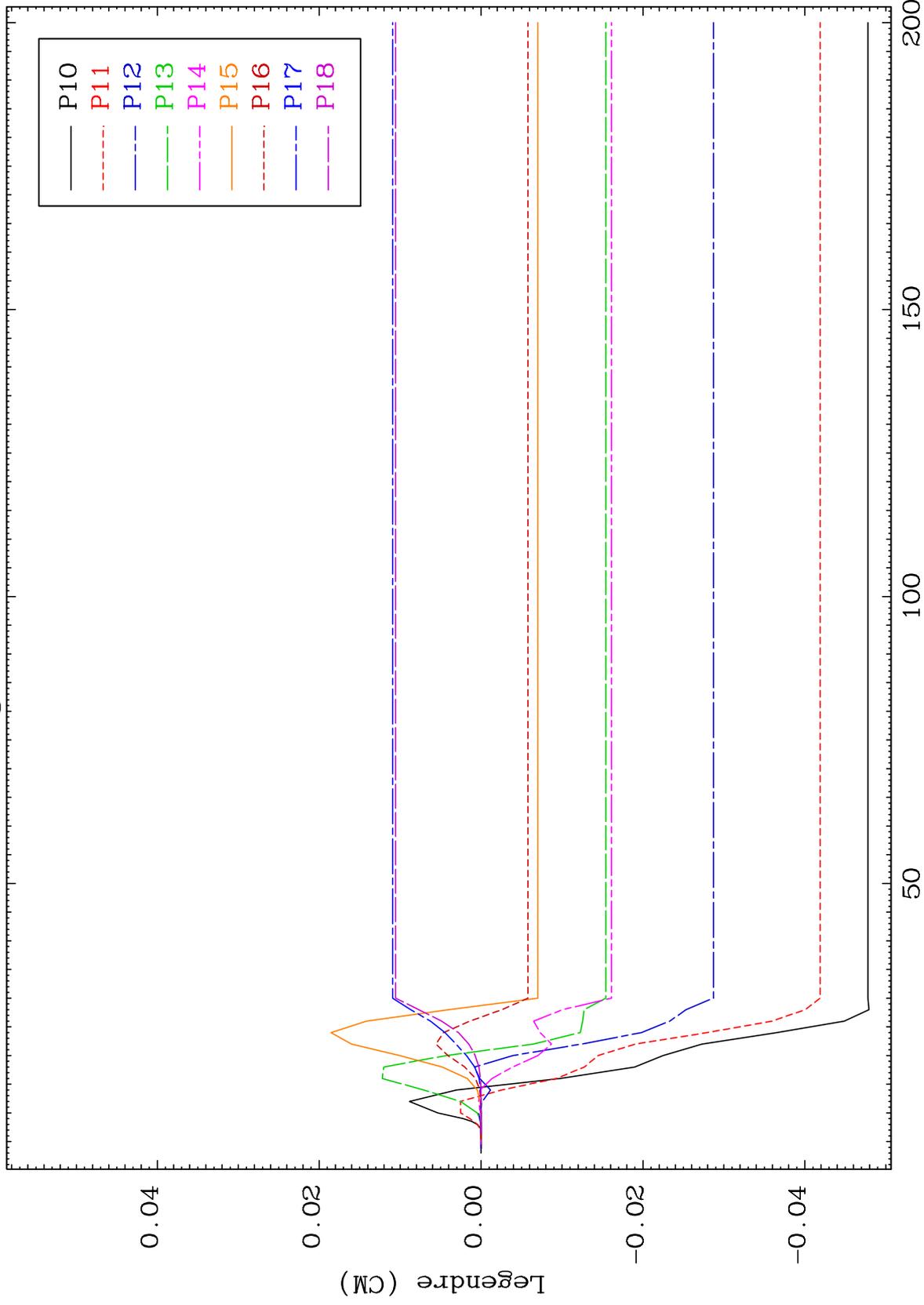
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



90

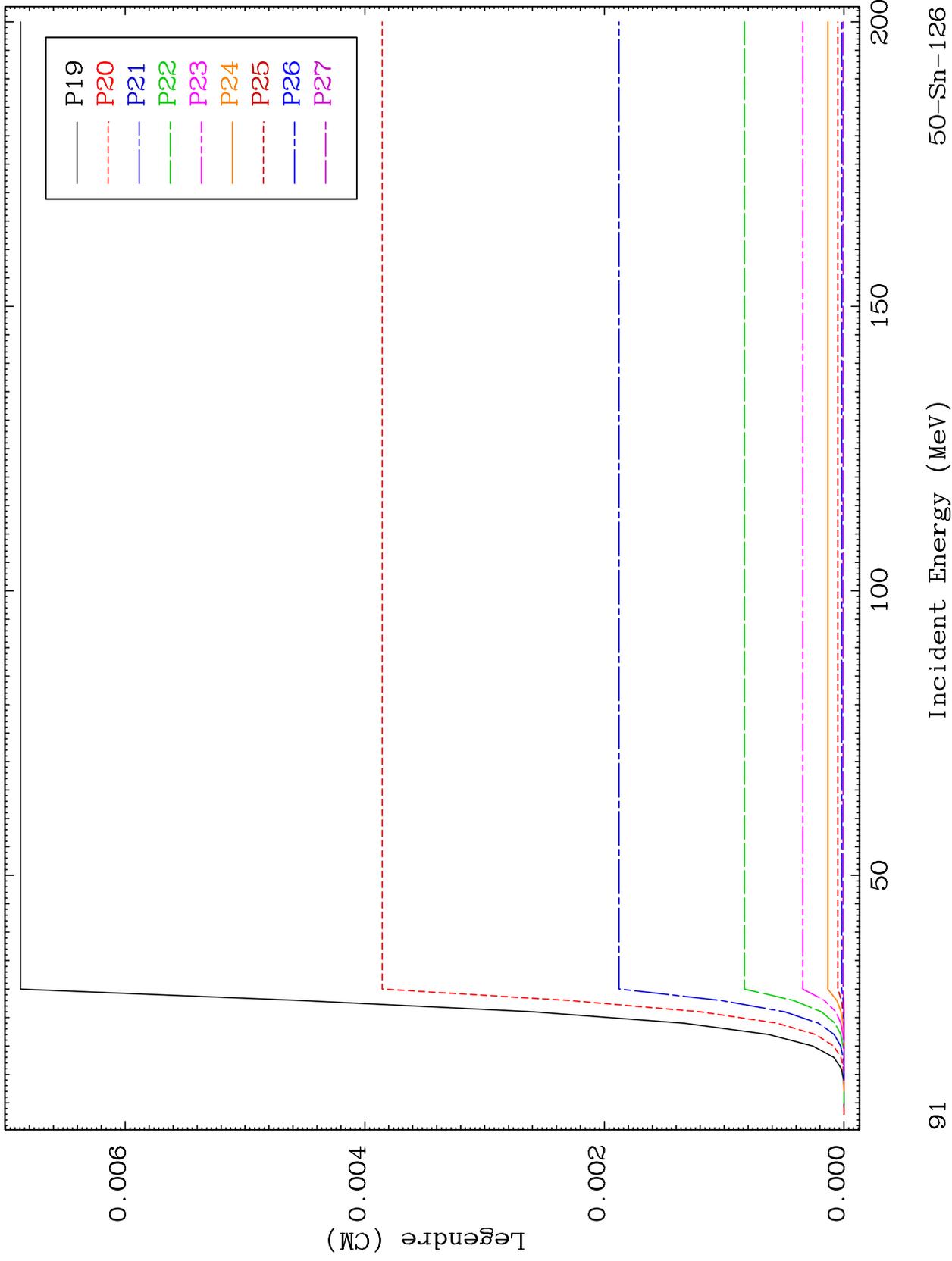
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

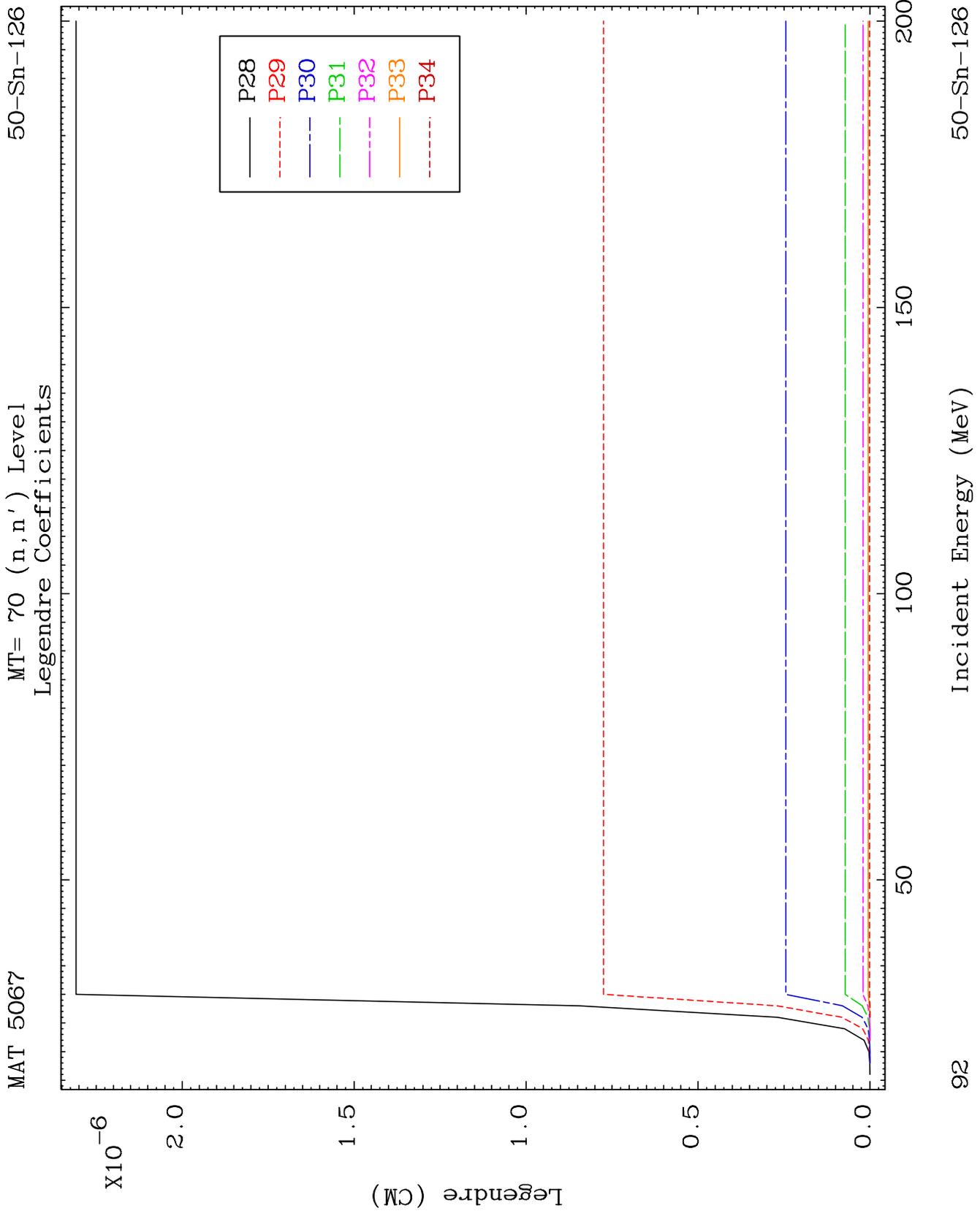
50-Sn-126



91

Incident Energy (MeV)

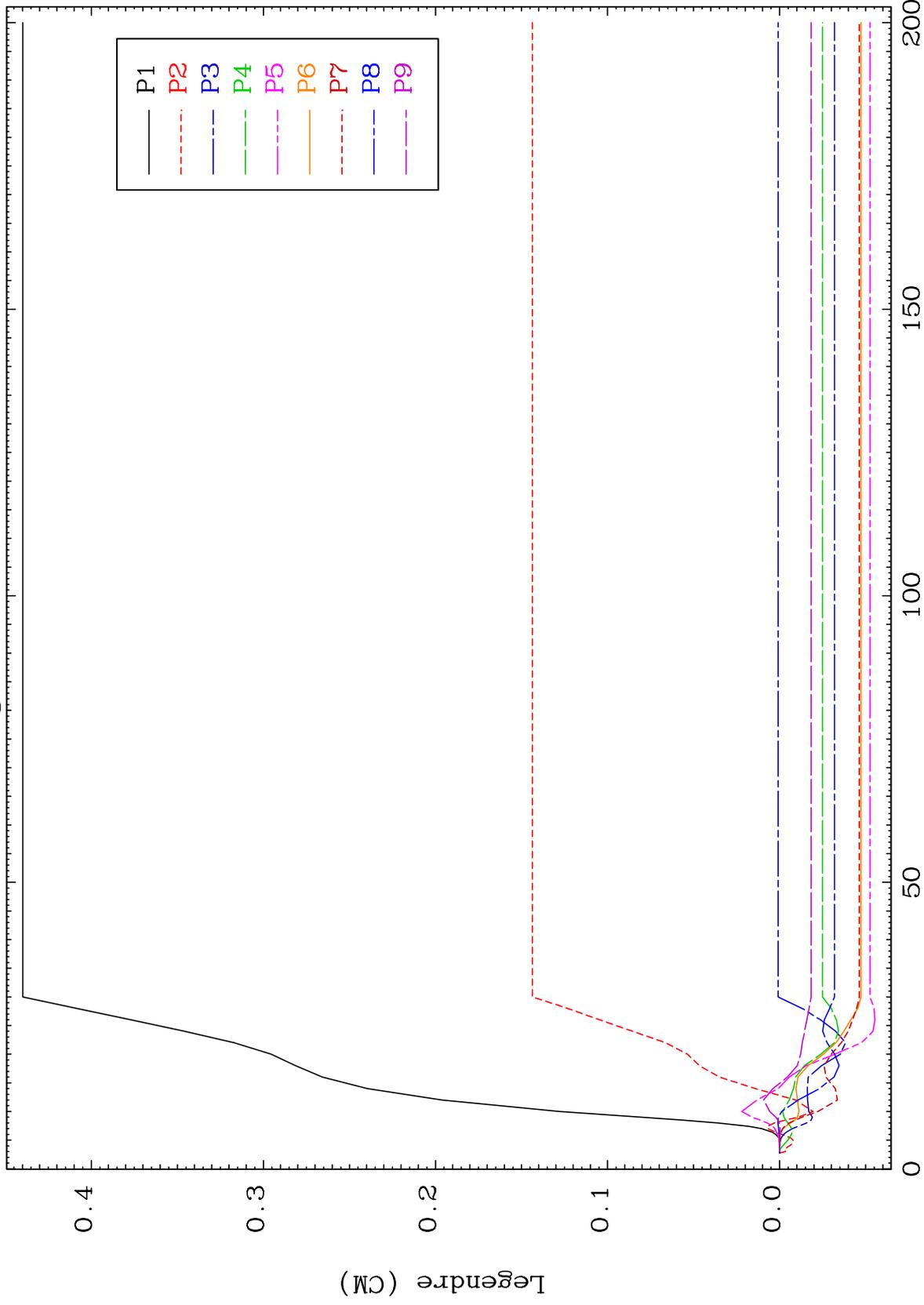
50-Sn-126



MAT 5067

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

50-Sn-126



93

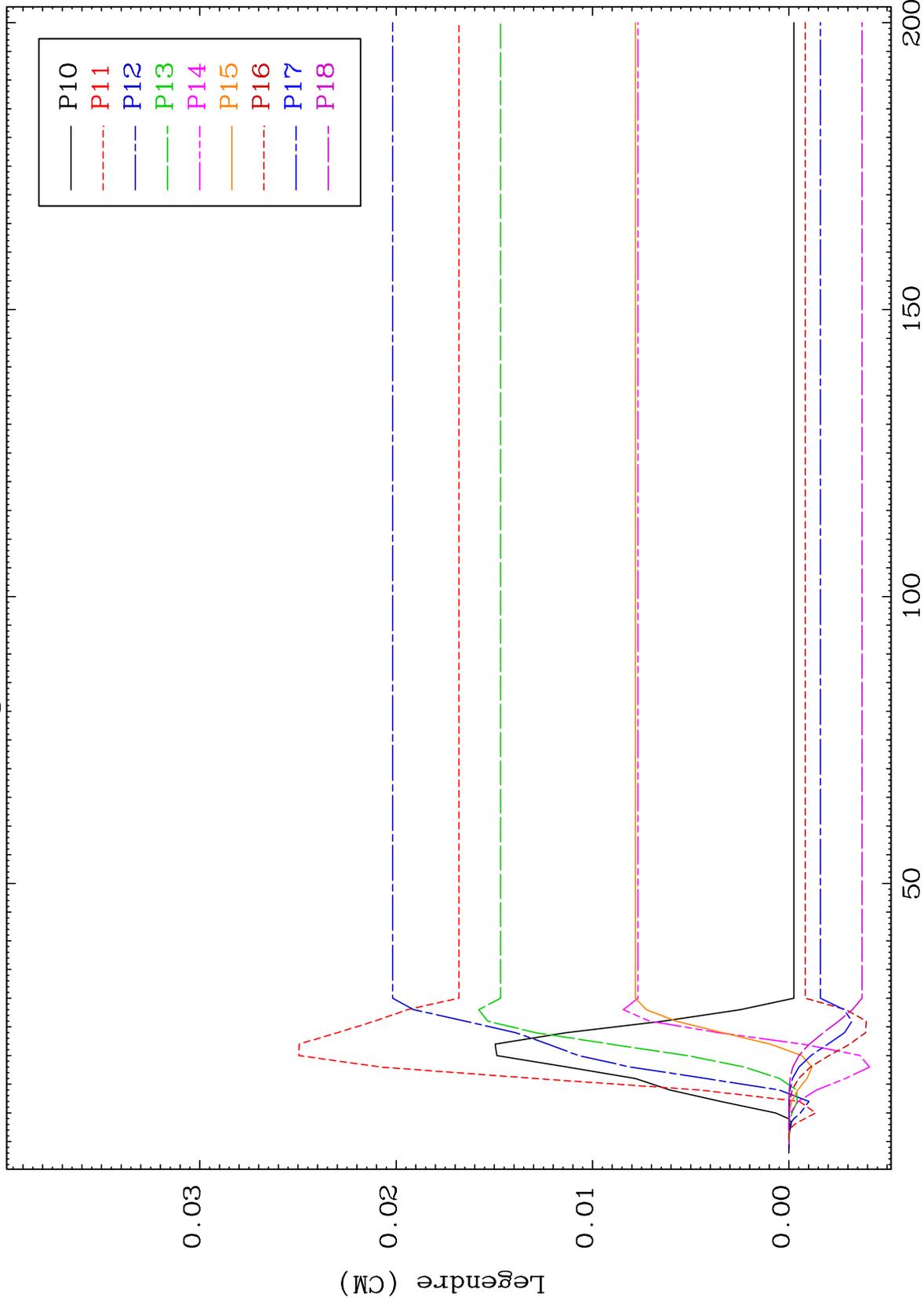
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



94

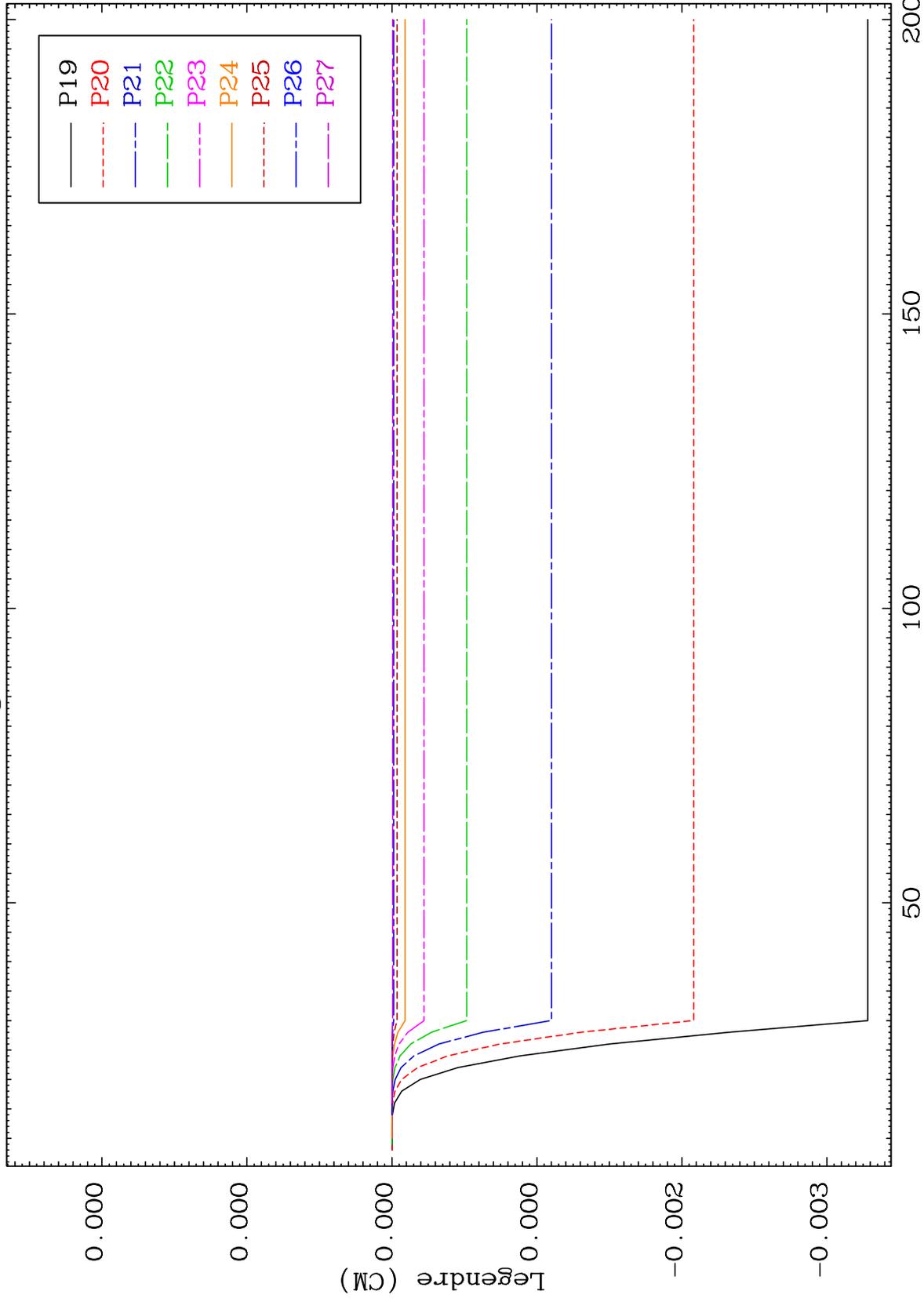
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

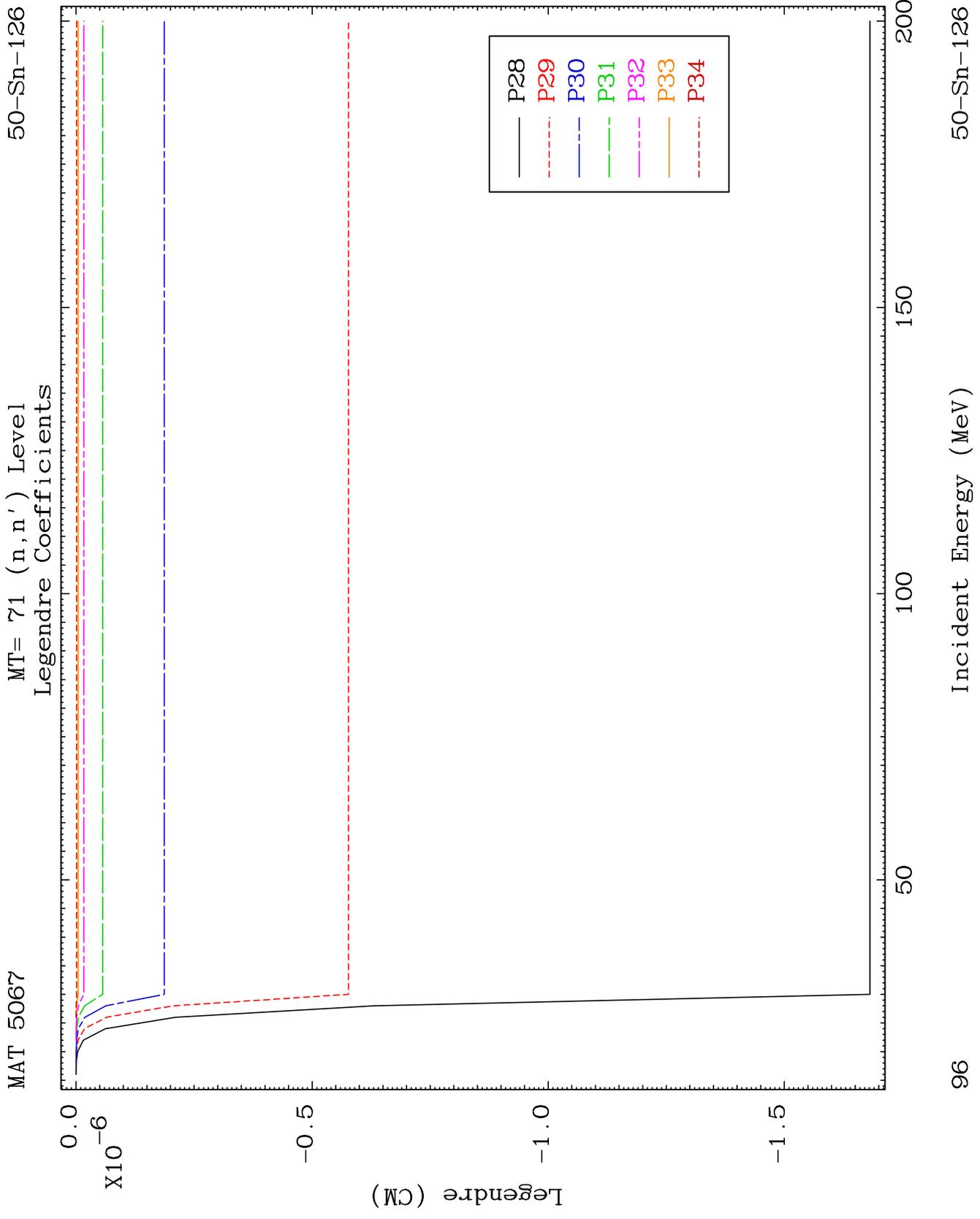
50-Sn-126



95

Incident Energy (MeV)

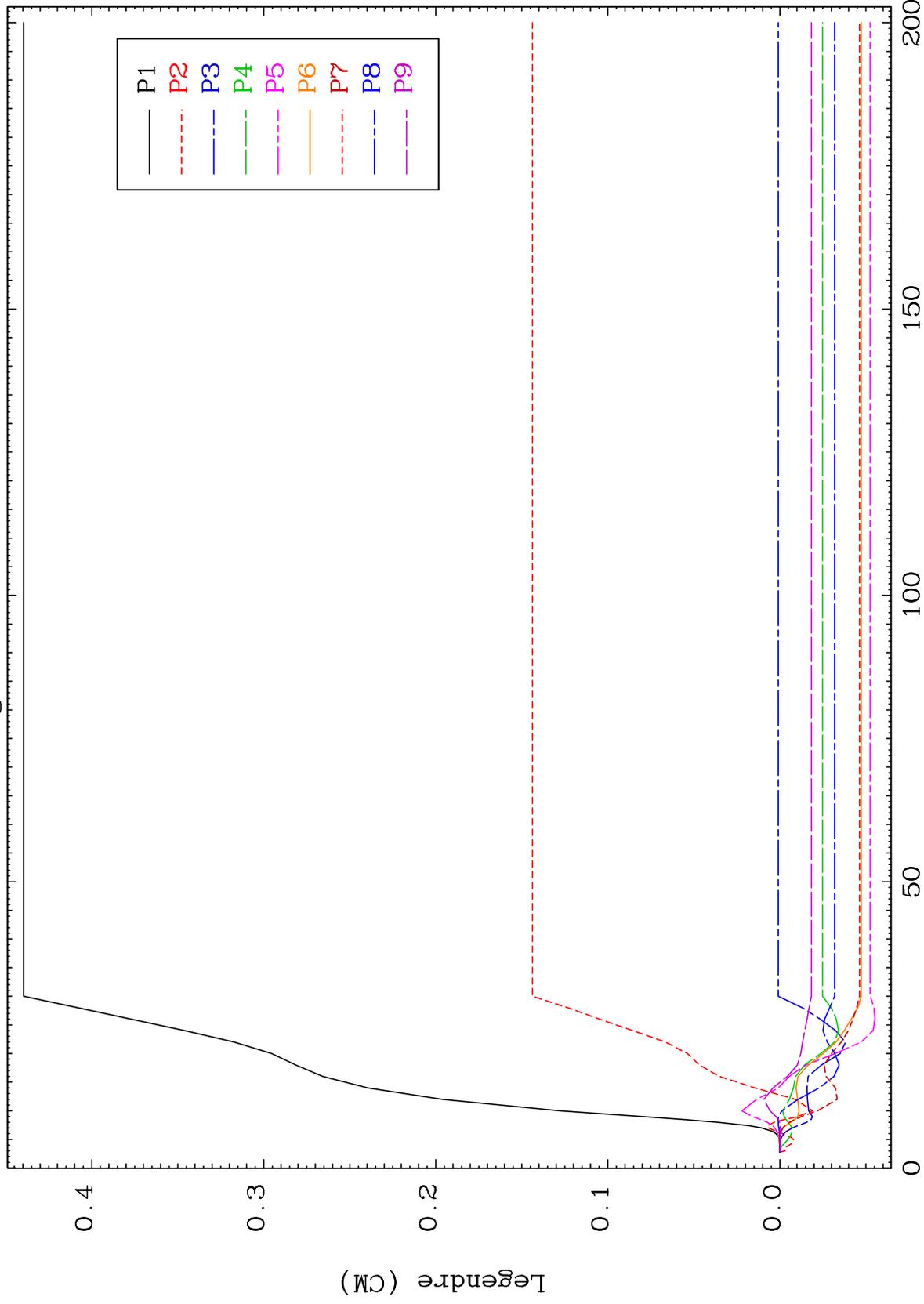
50-Sn-126



MAT 50677

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

50-Sn-126



97

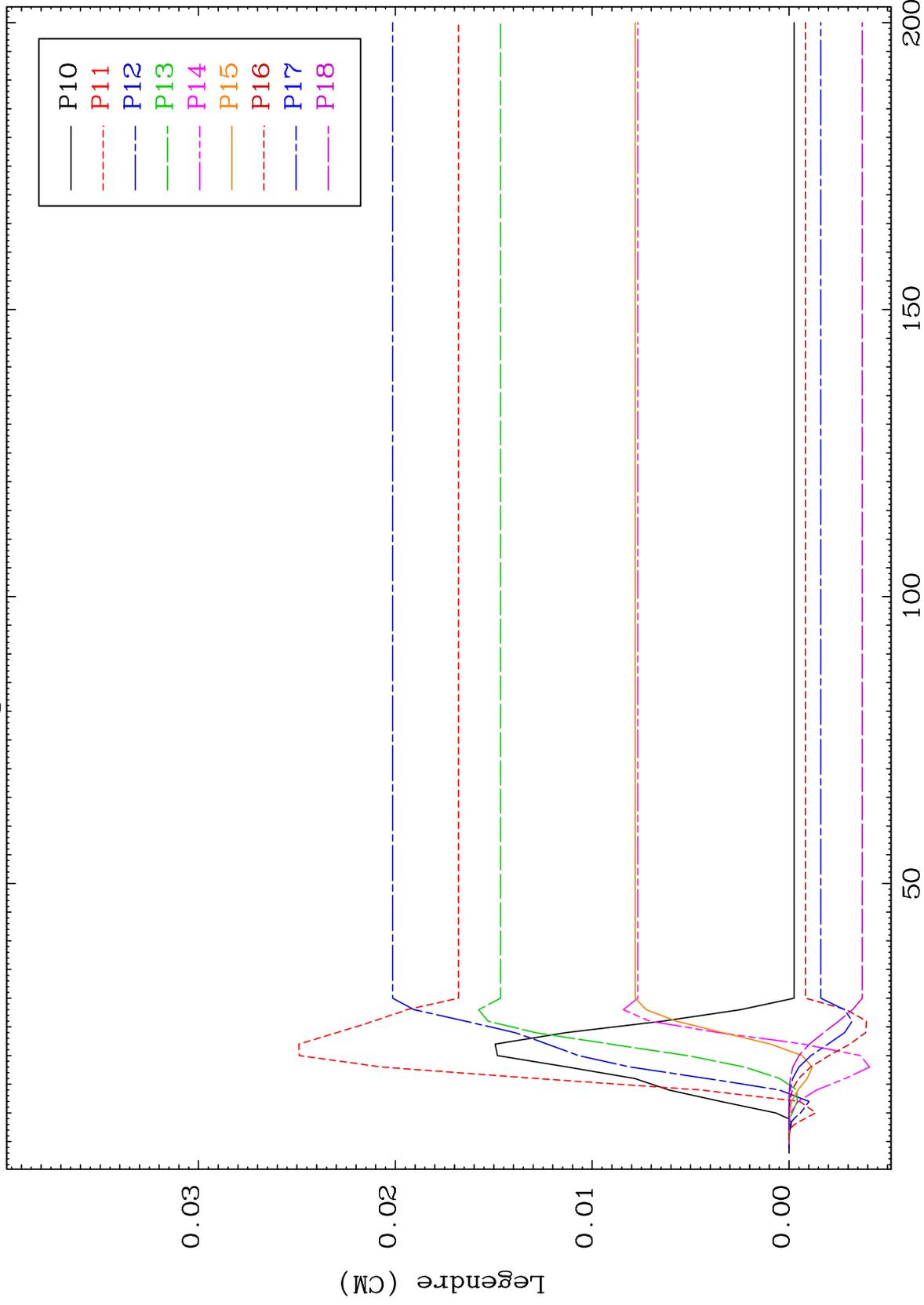
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



98

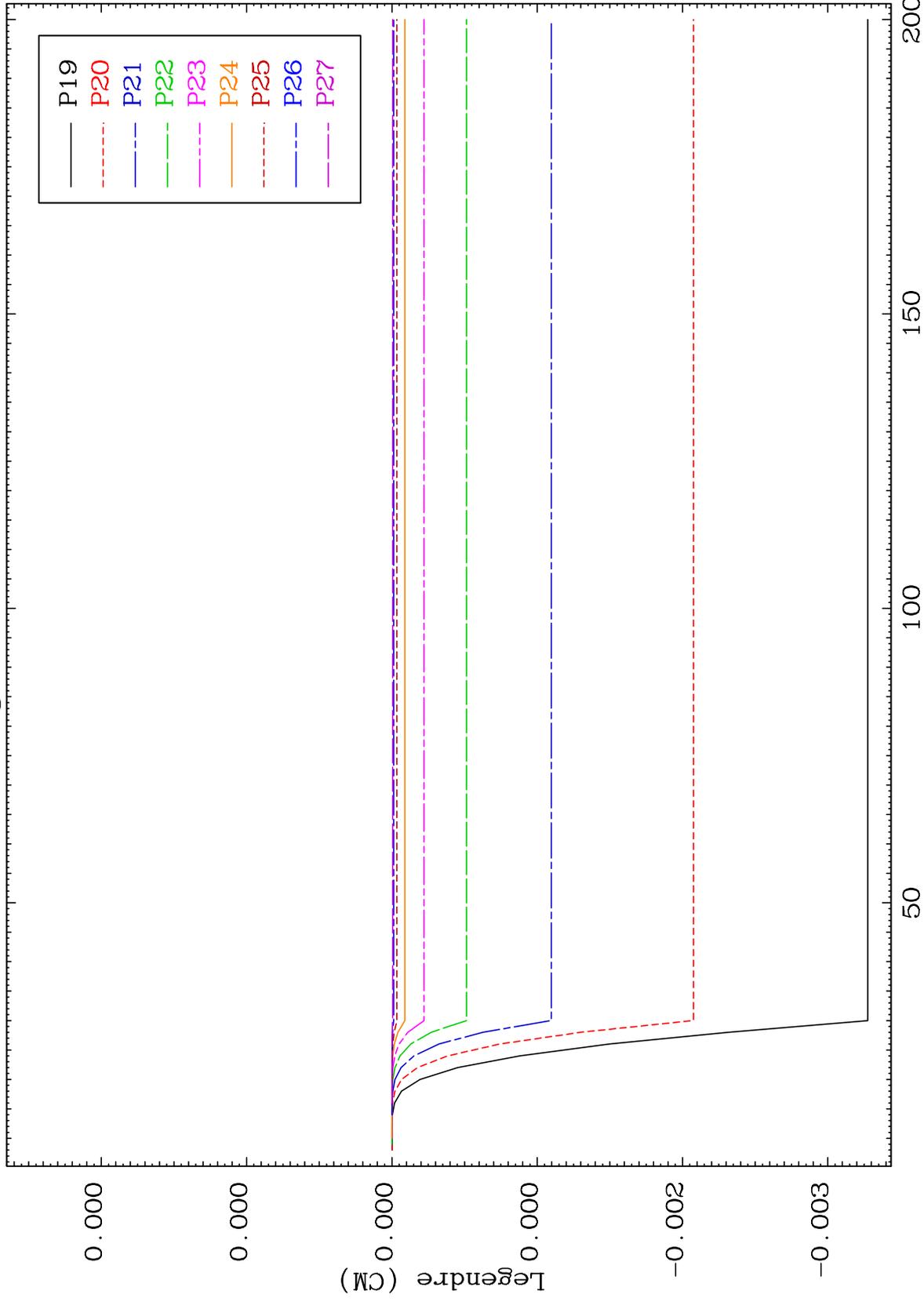
Incident Energy (MeV)

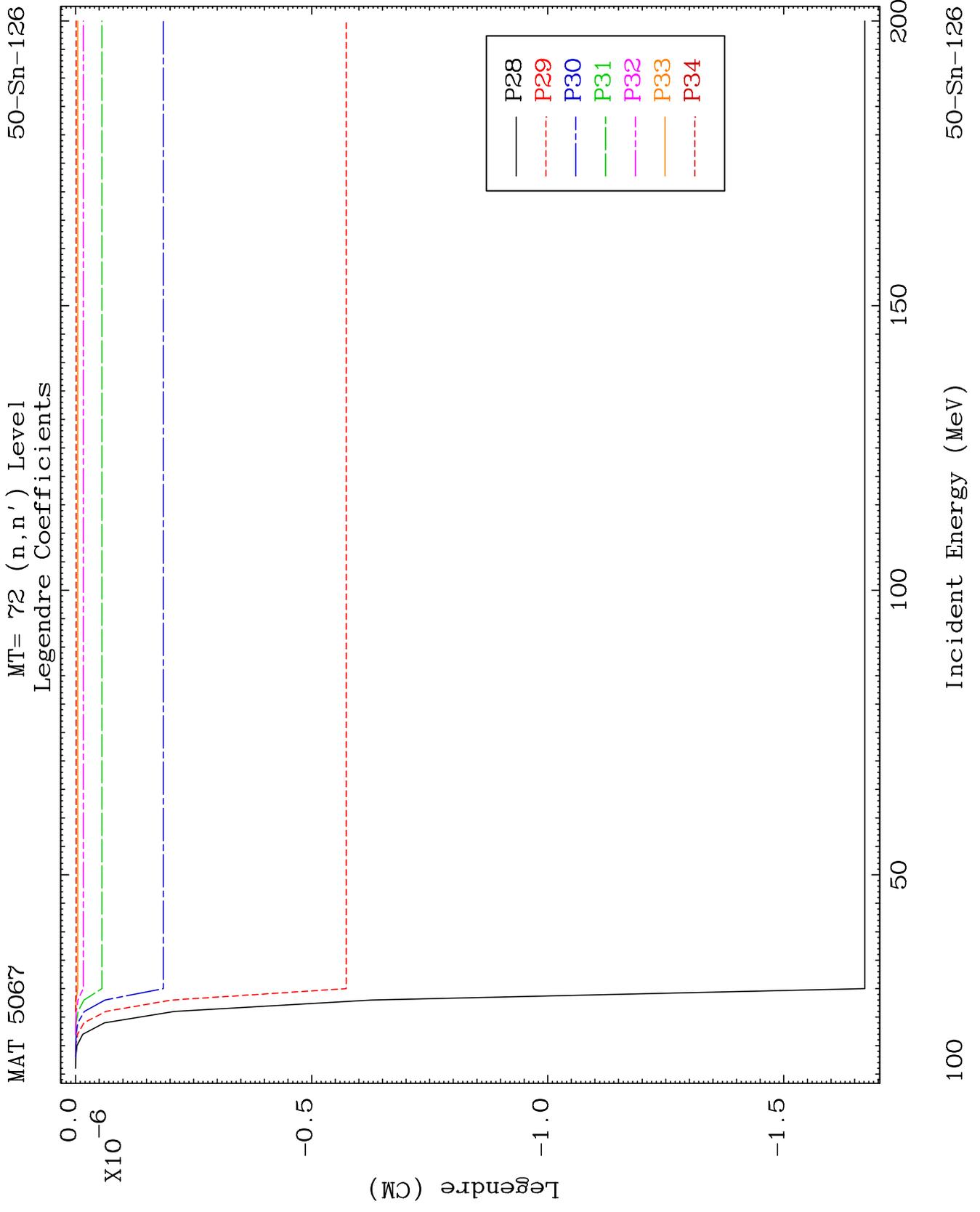
50-Sn-126

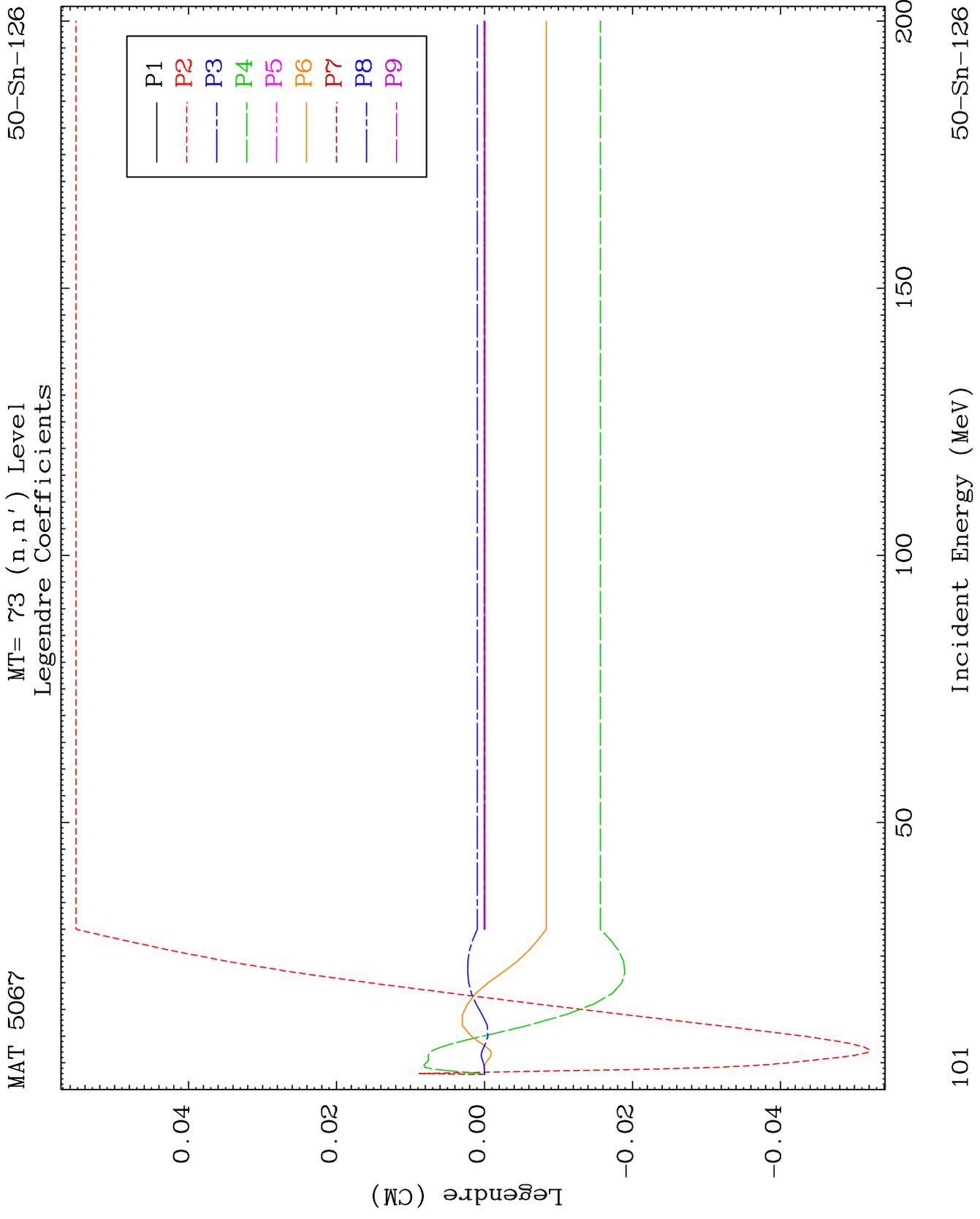
MAT 5067

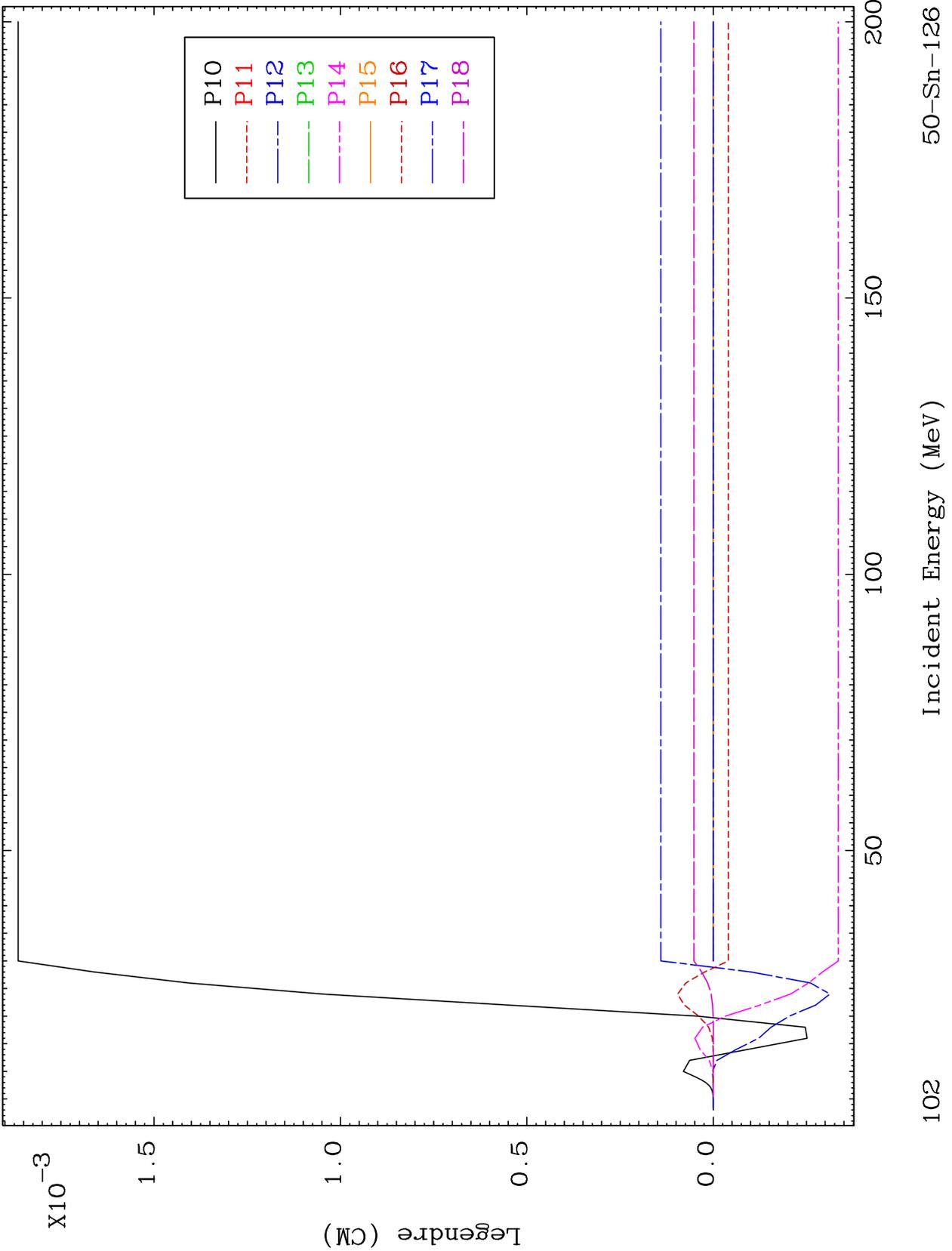
MT= 72 (n,n') Level
Legendre Coefficients

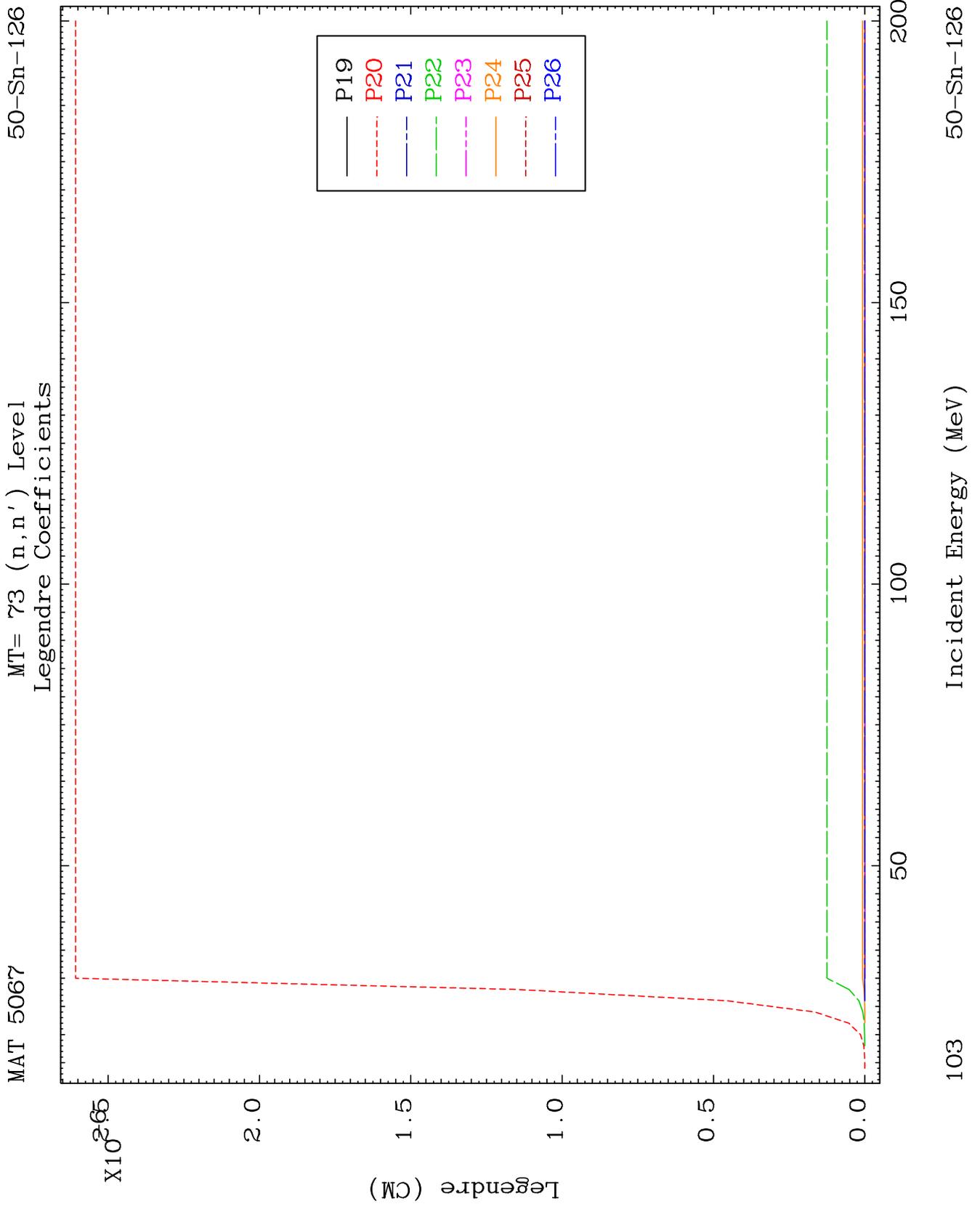
50-Sn-126

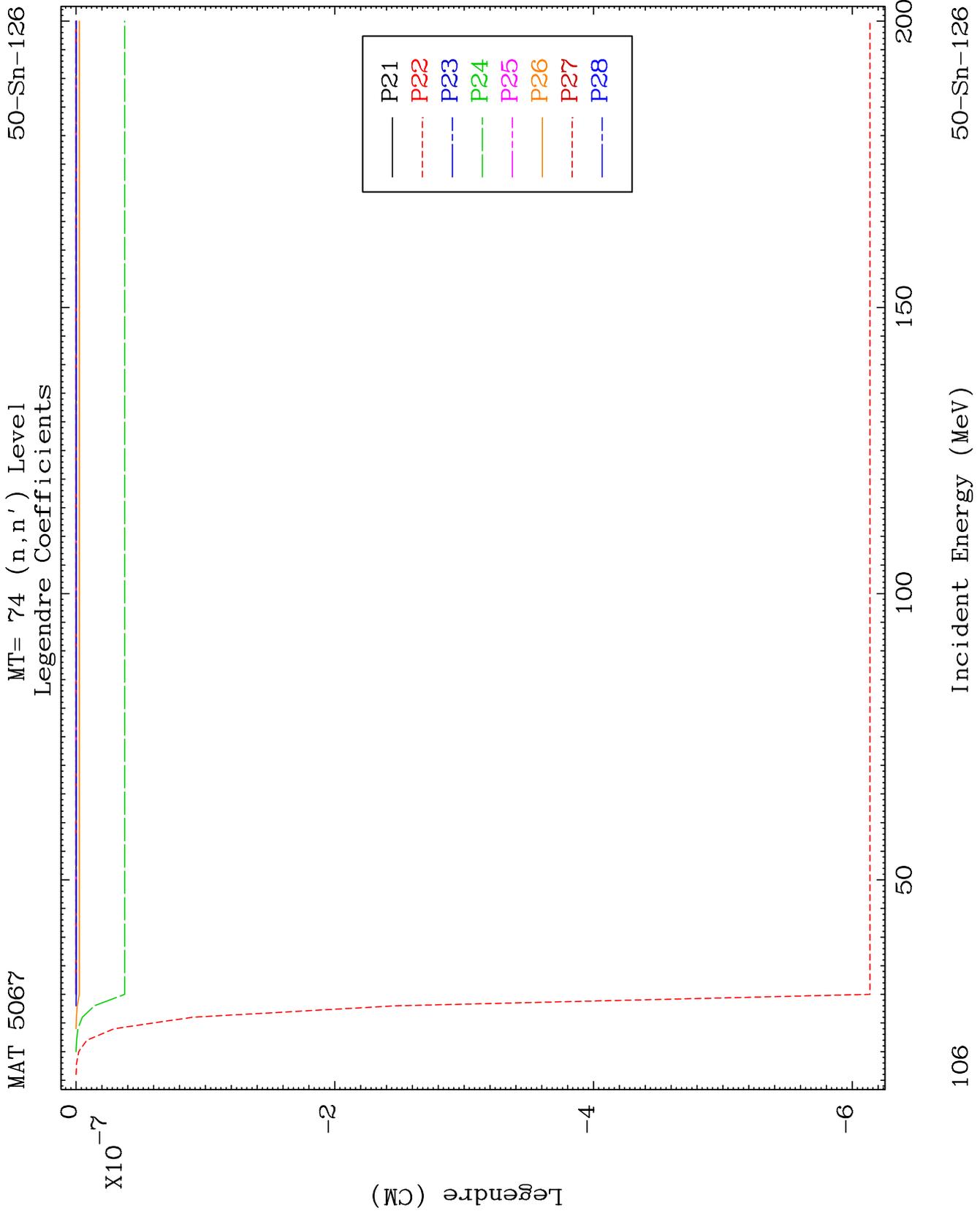


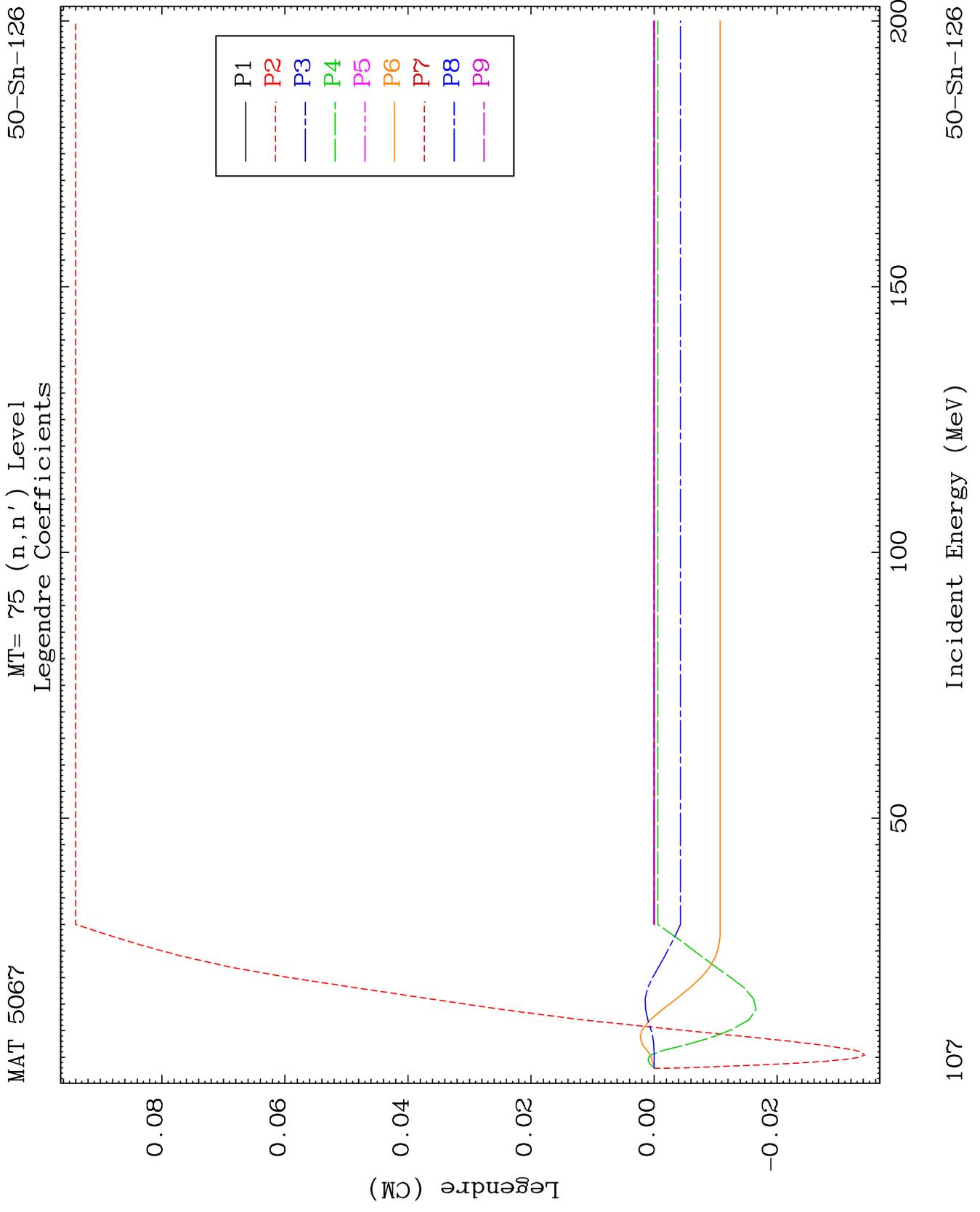








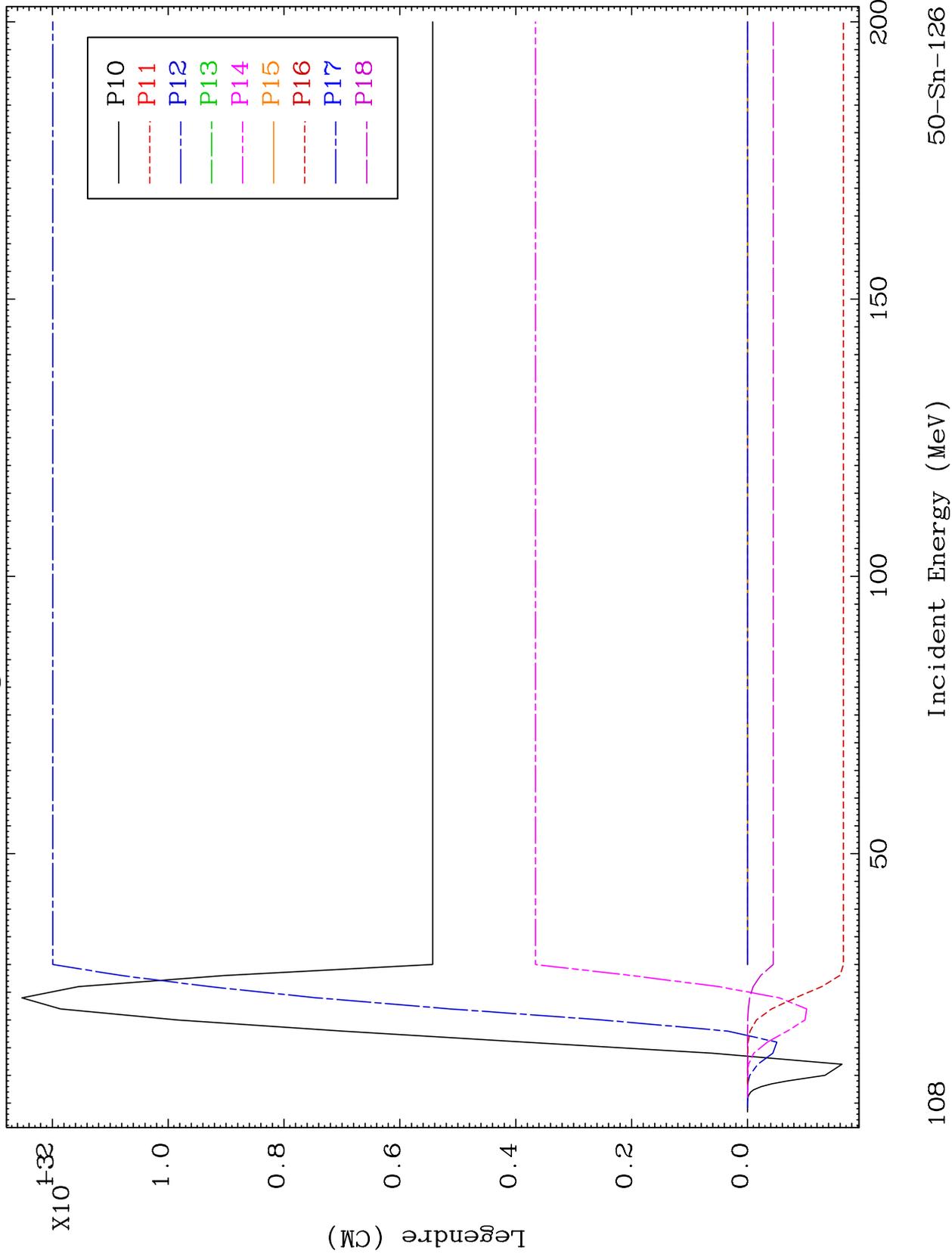




MAT 5067

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

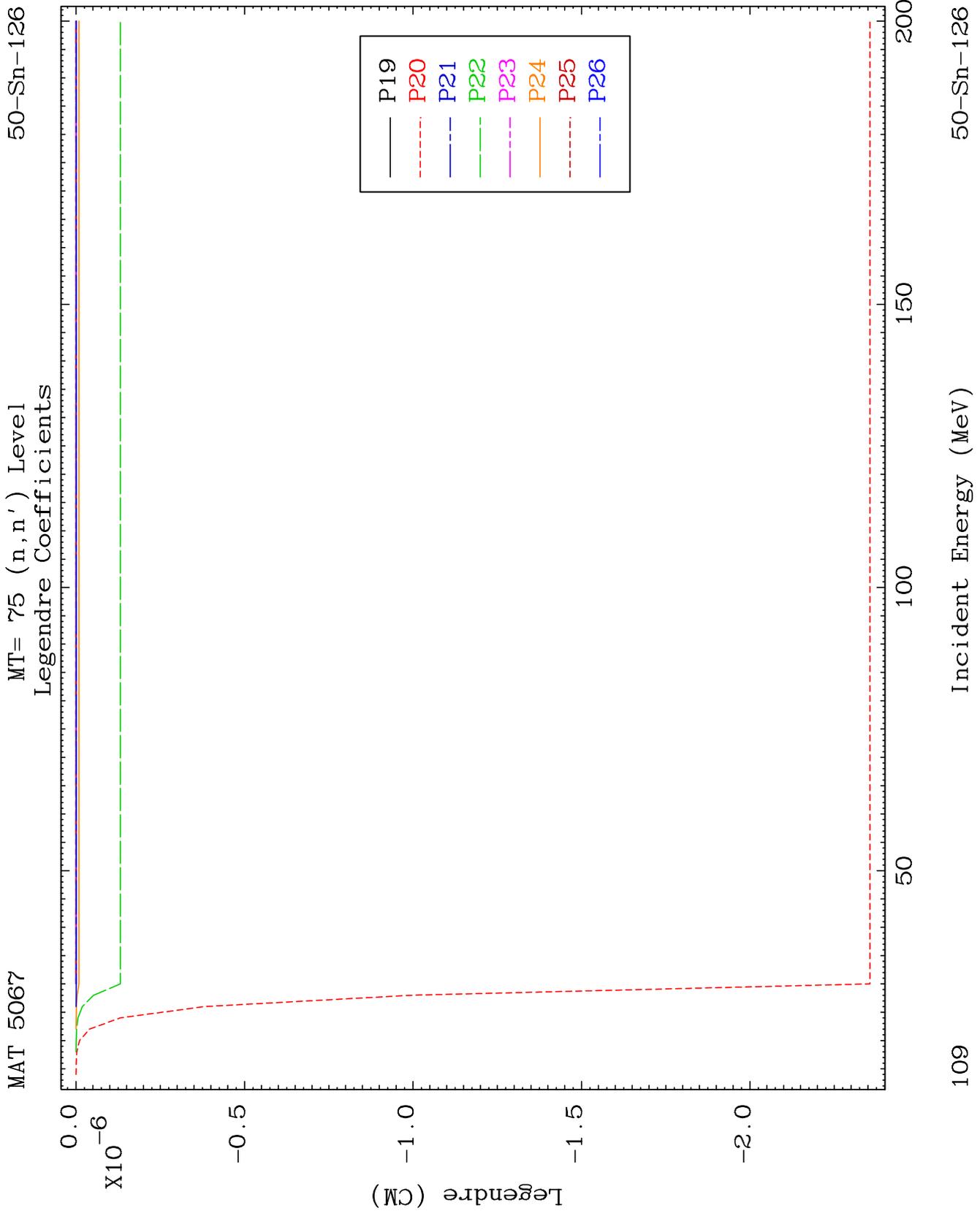
50-Sn-126



108

Incident Energy (MeV)

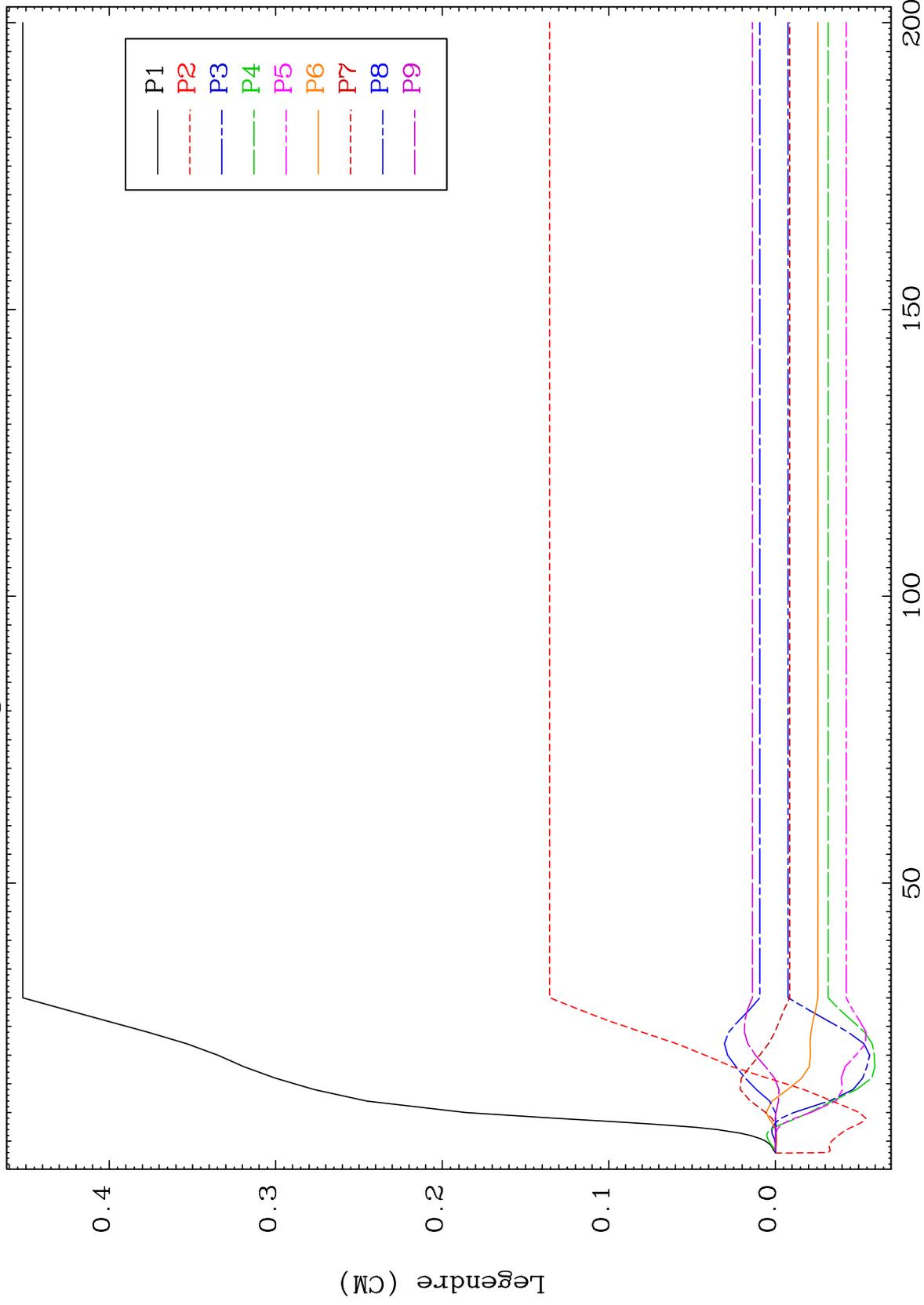
50-Sn-126



MAT 5067

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

50-Sn-126



110

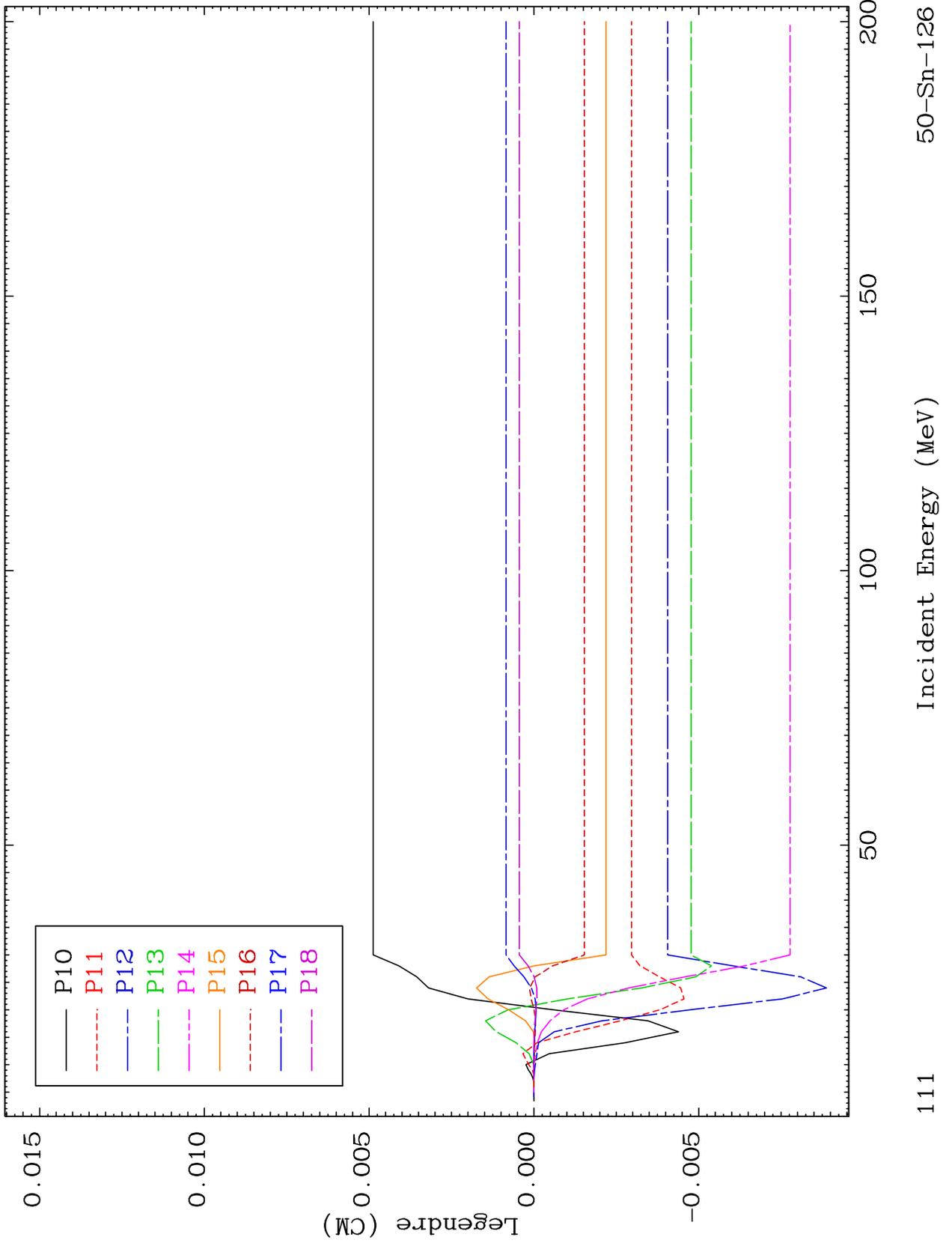
Incident Energy (MeV)

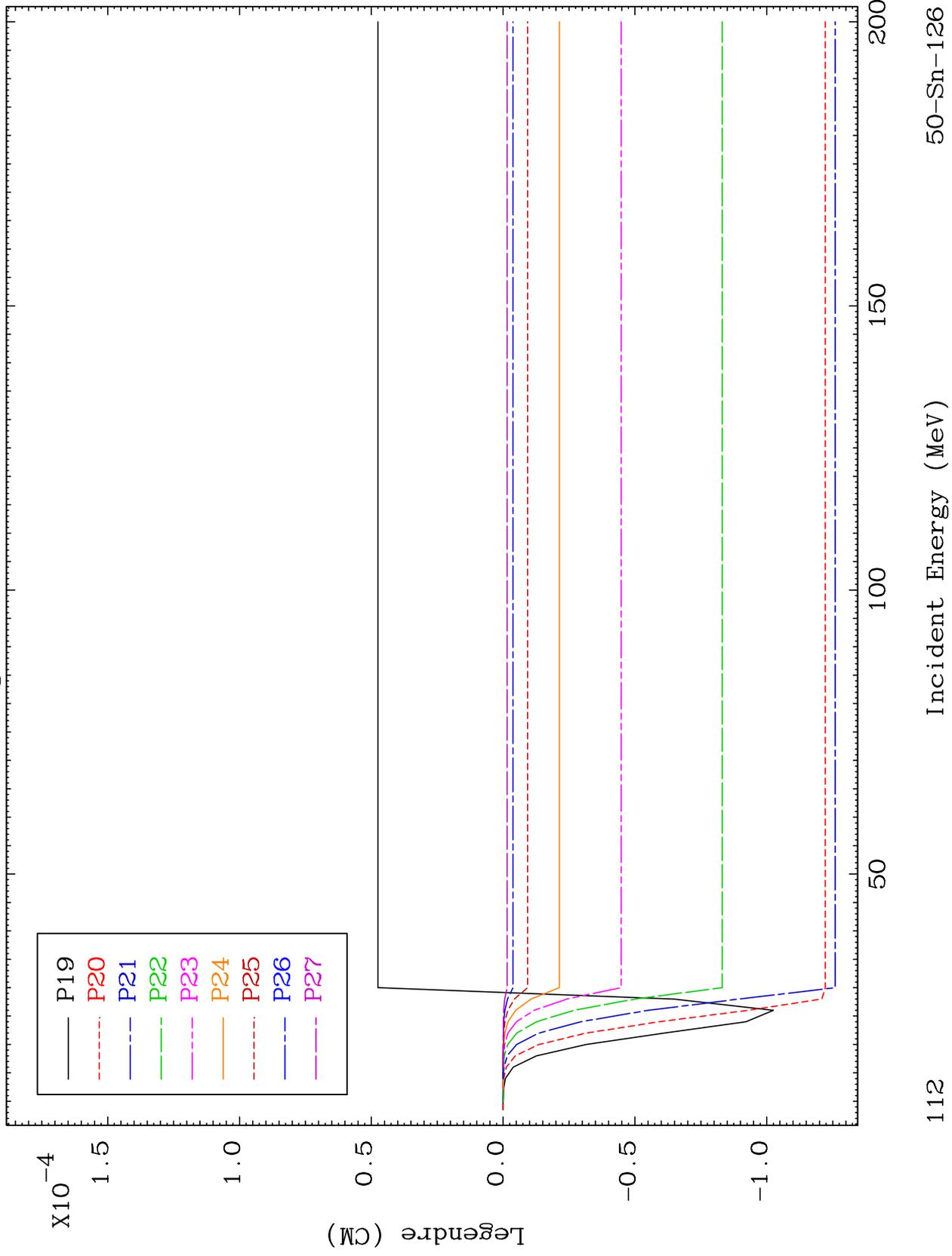
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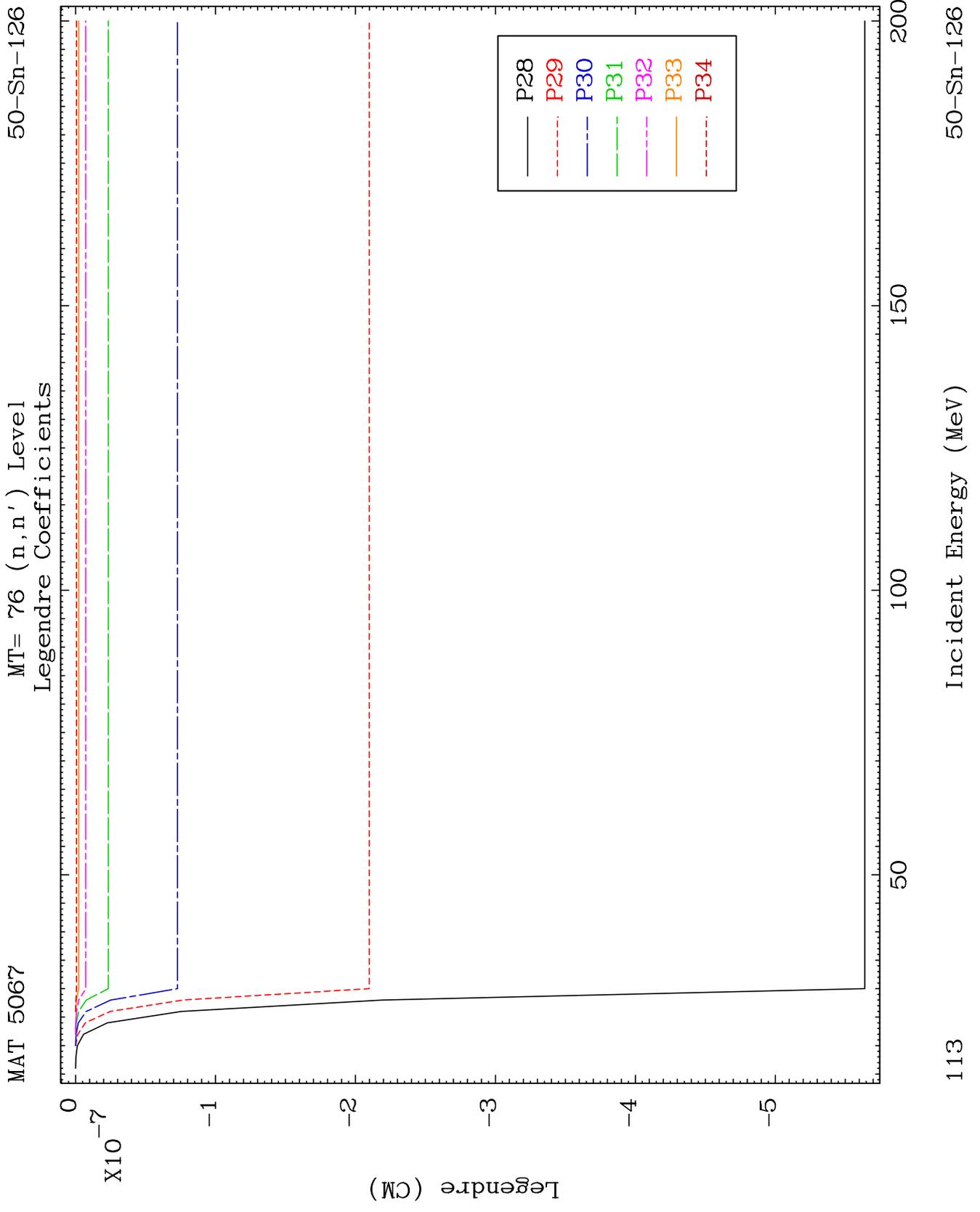
MAT 5067

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

50-Sn-126



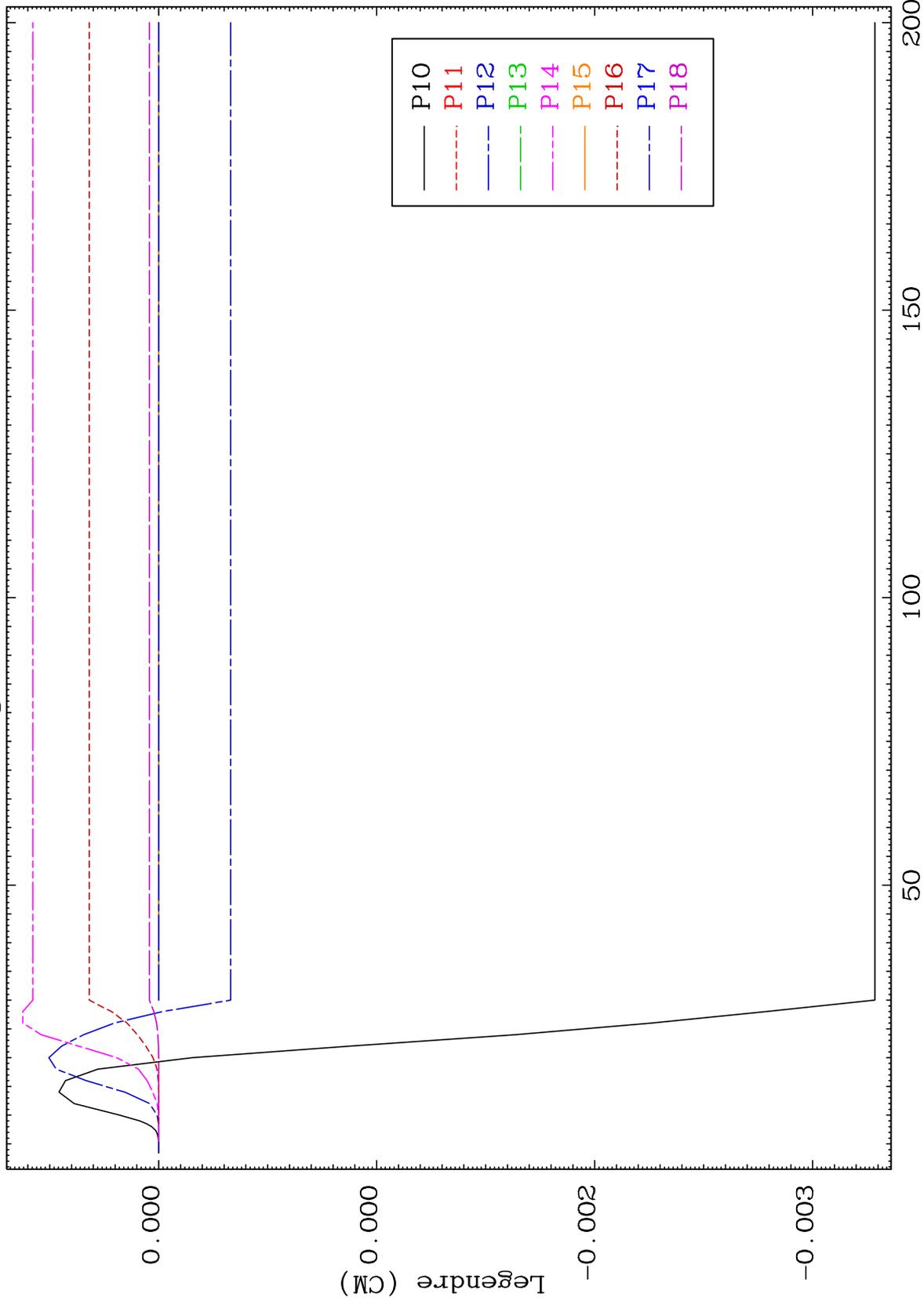




MAT 5067

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

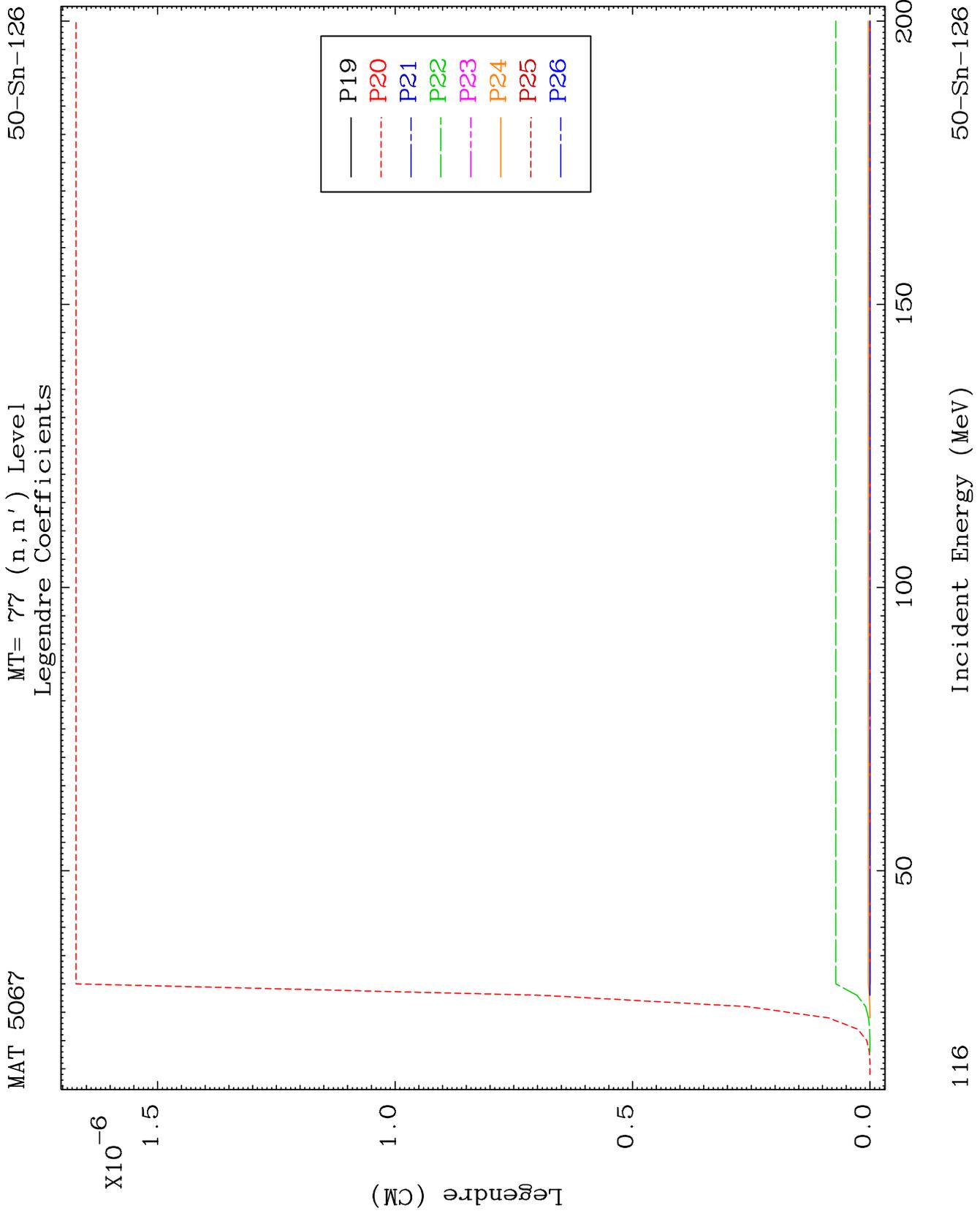
50-Sn-126

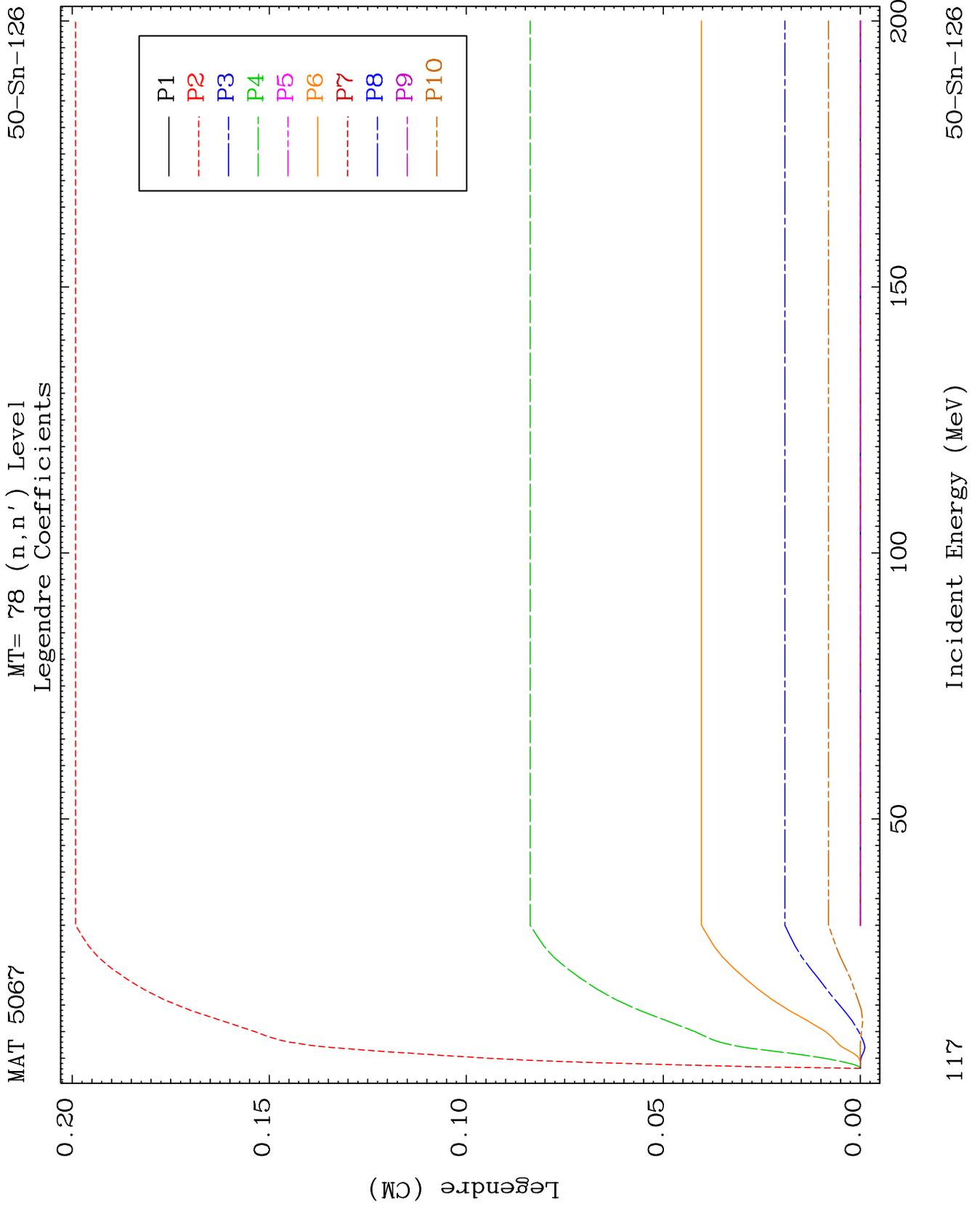


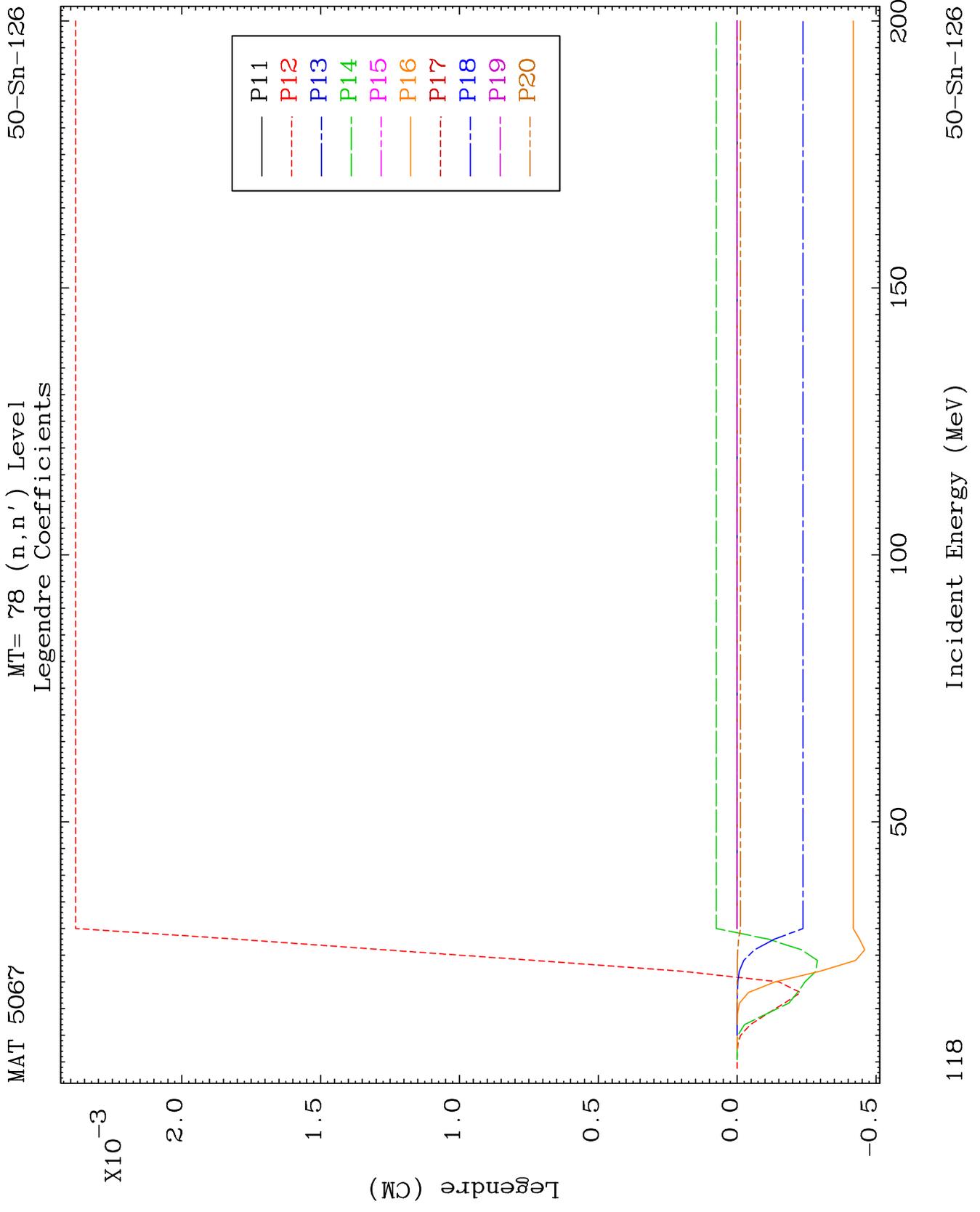
115

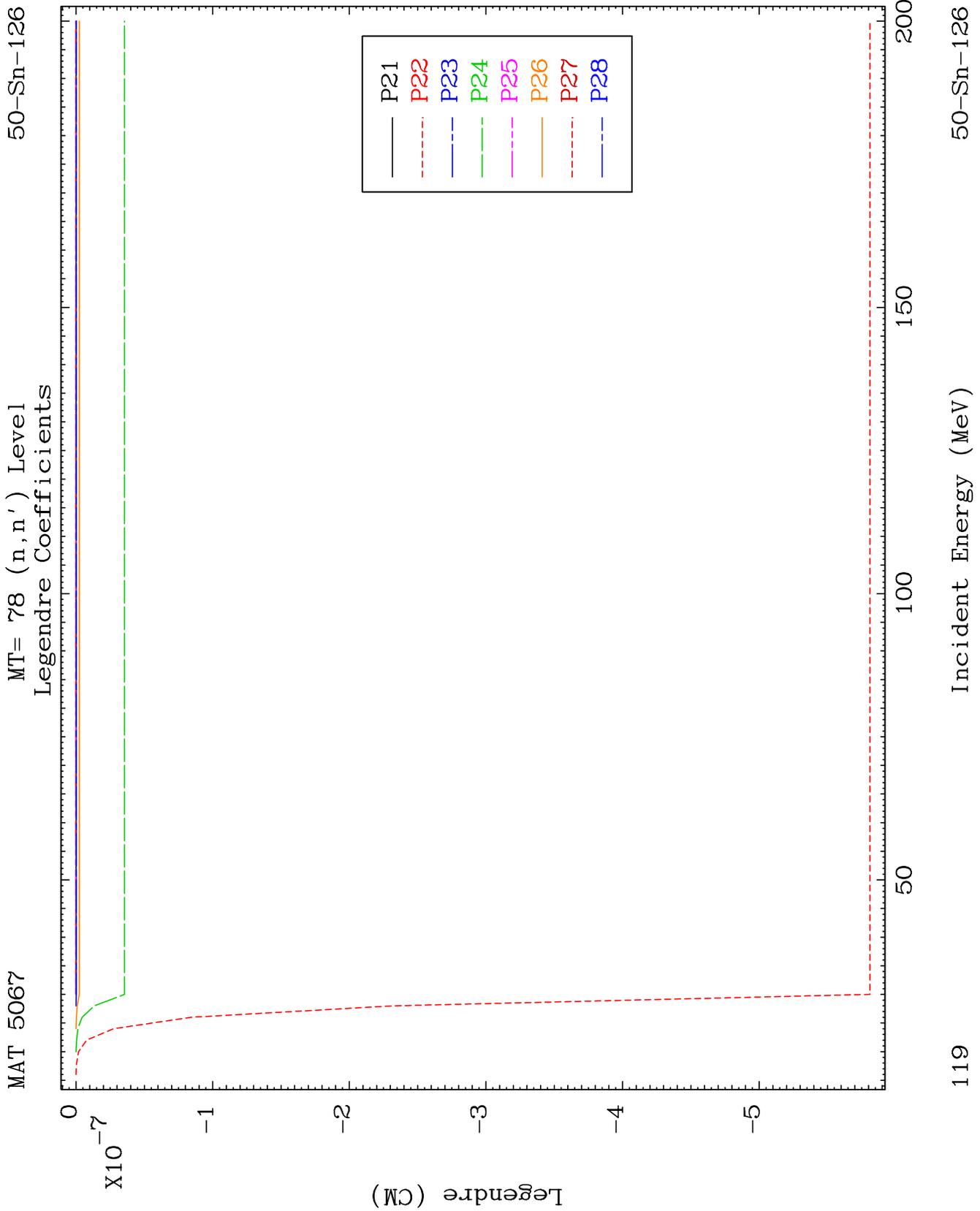
Incident Energy (MeV)

50-Sn-126





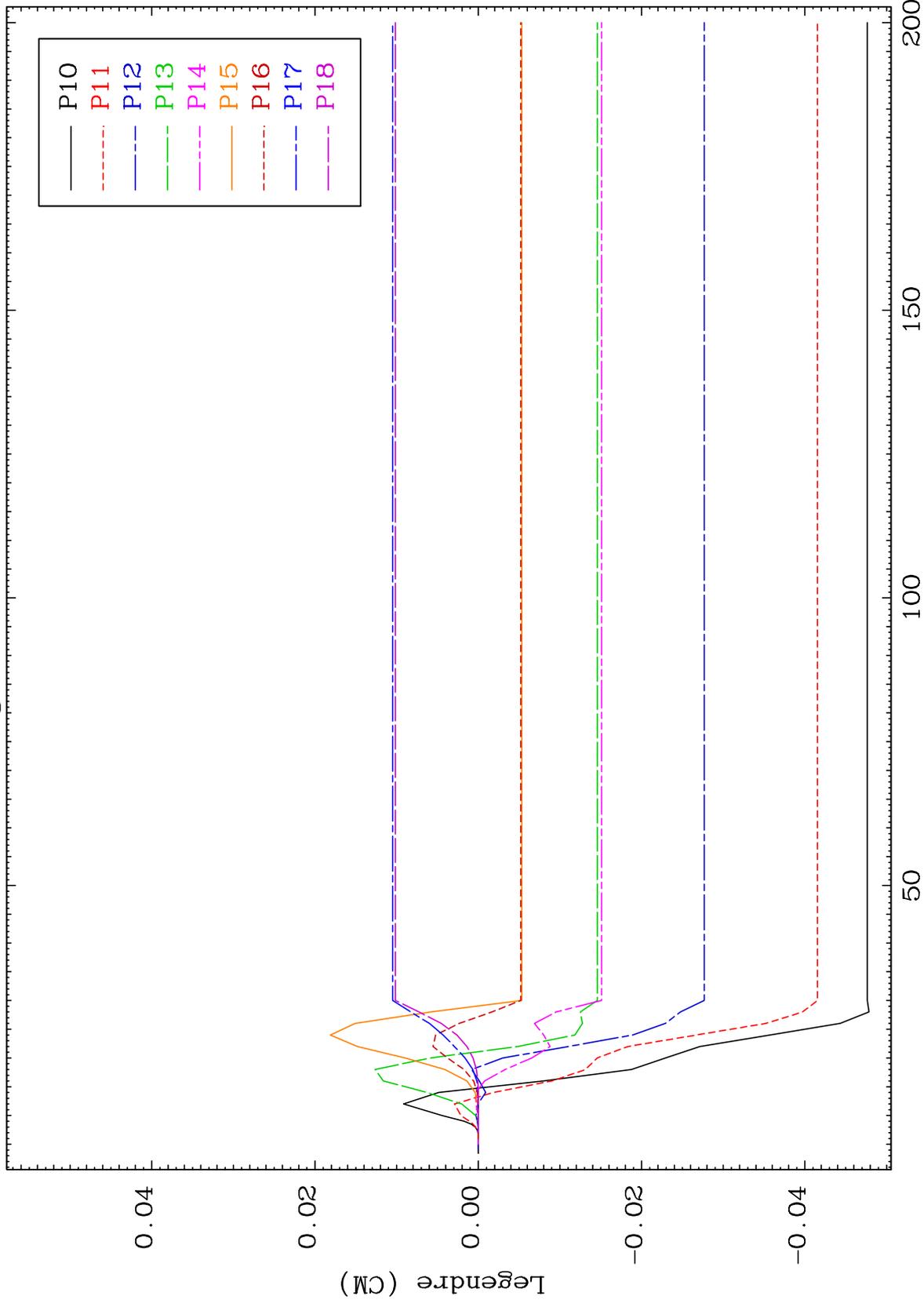




MAT 5067

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

50-Sn-126



121

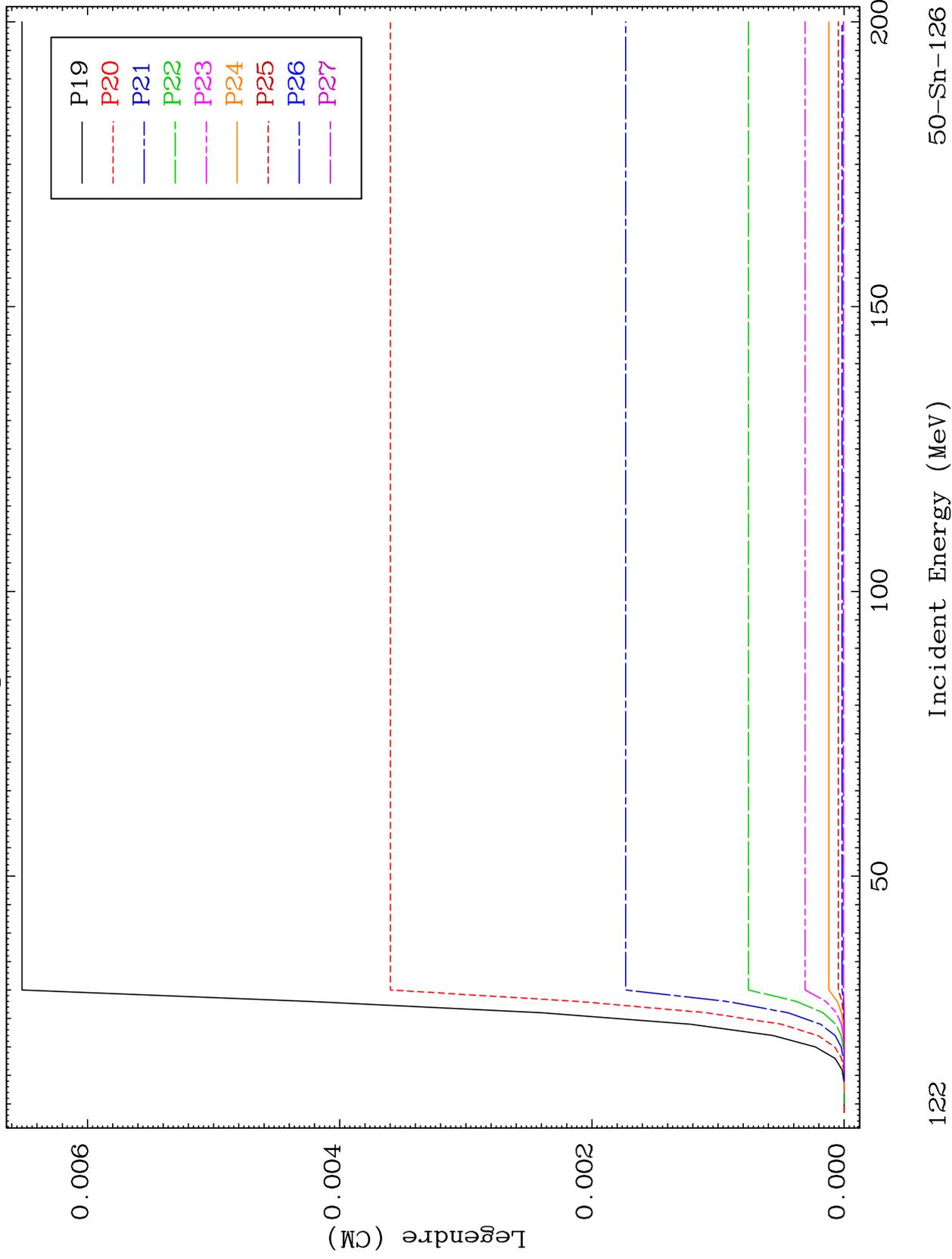
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



122

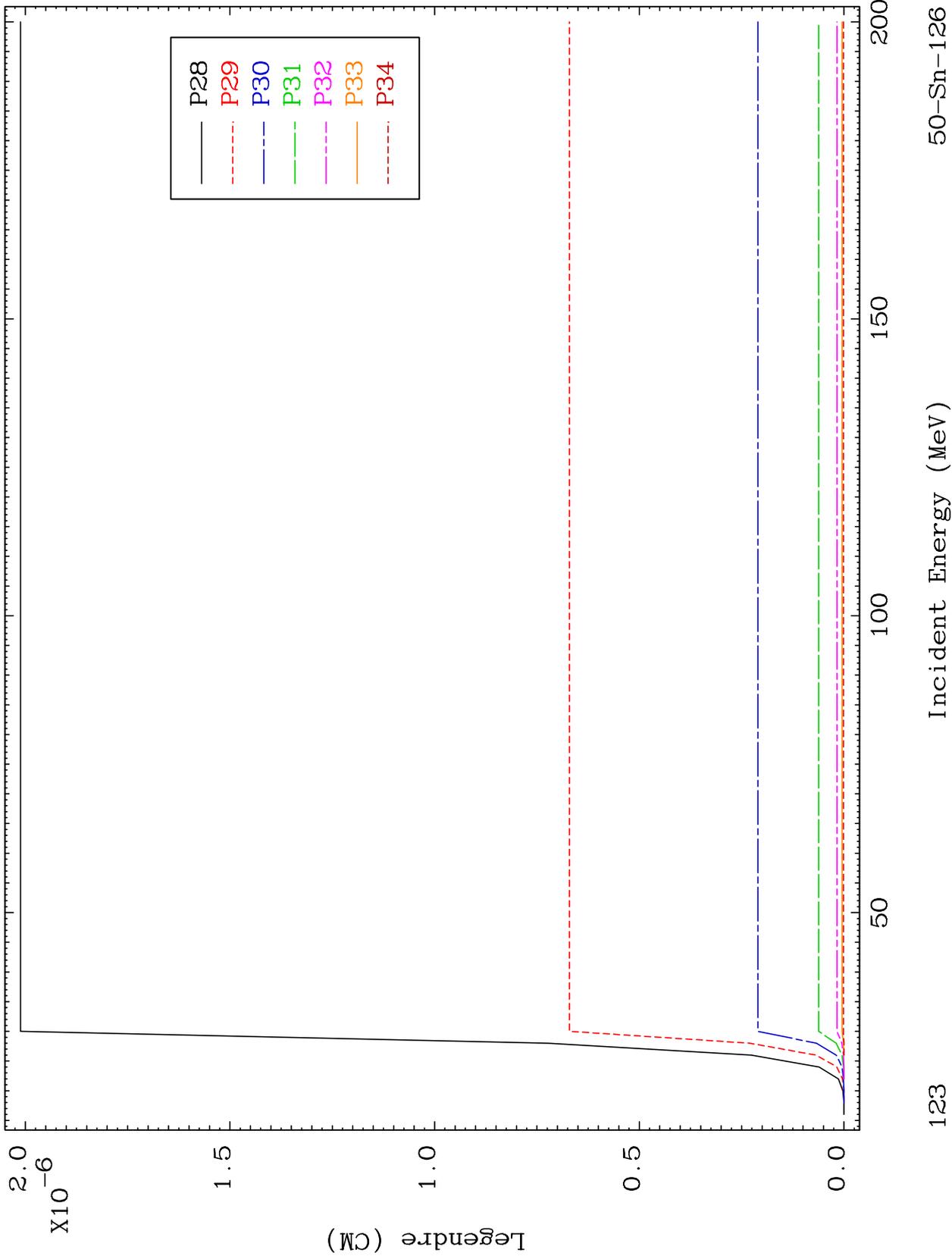
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



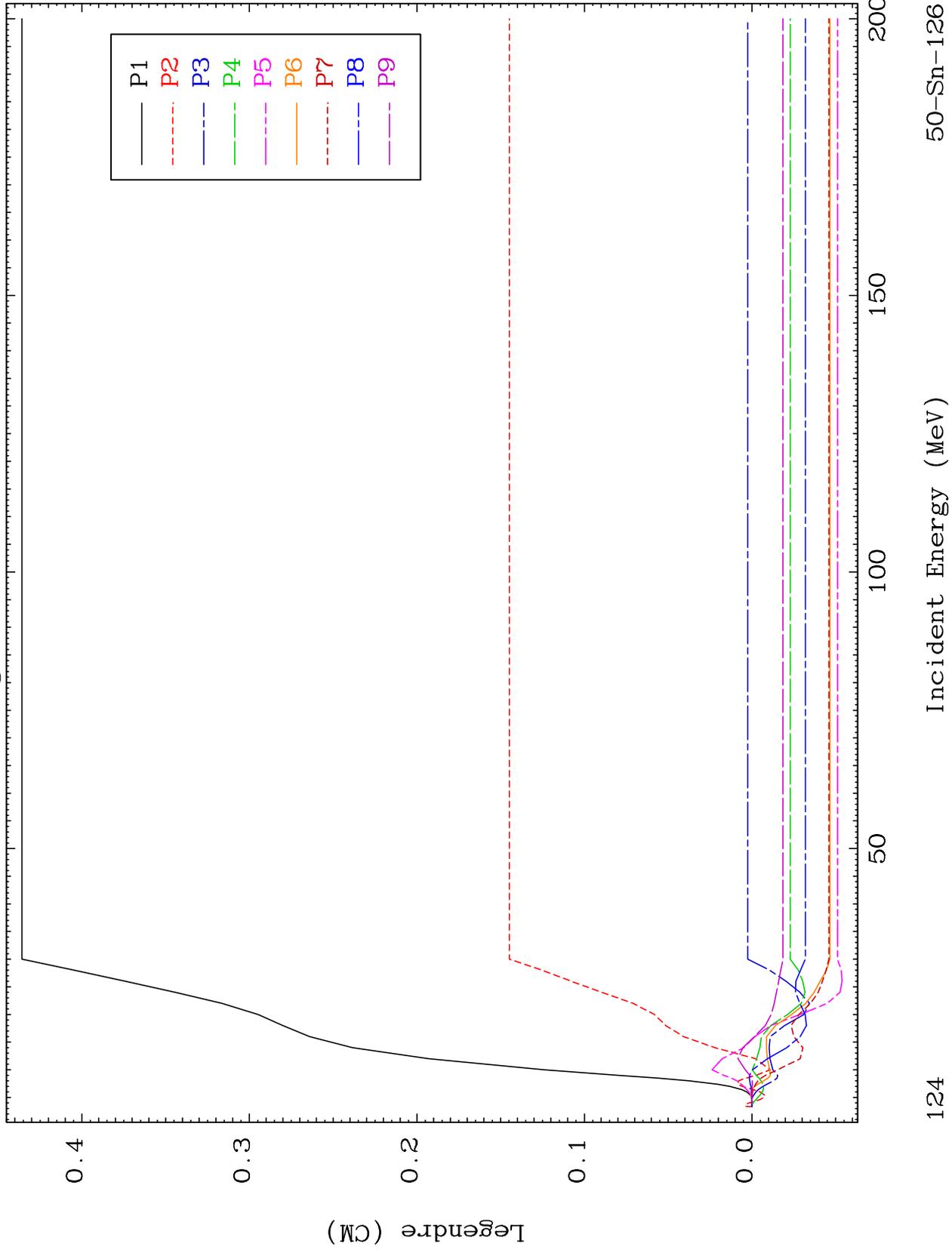
123

50-Sn-126

MAT 5067

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

50-Sn-126



124

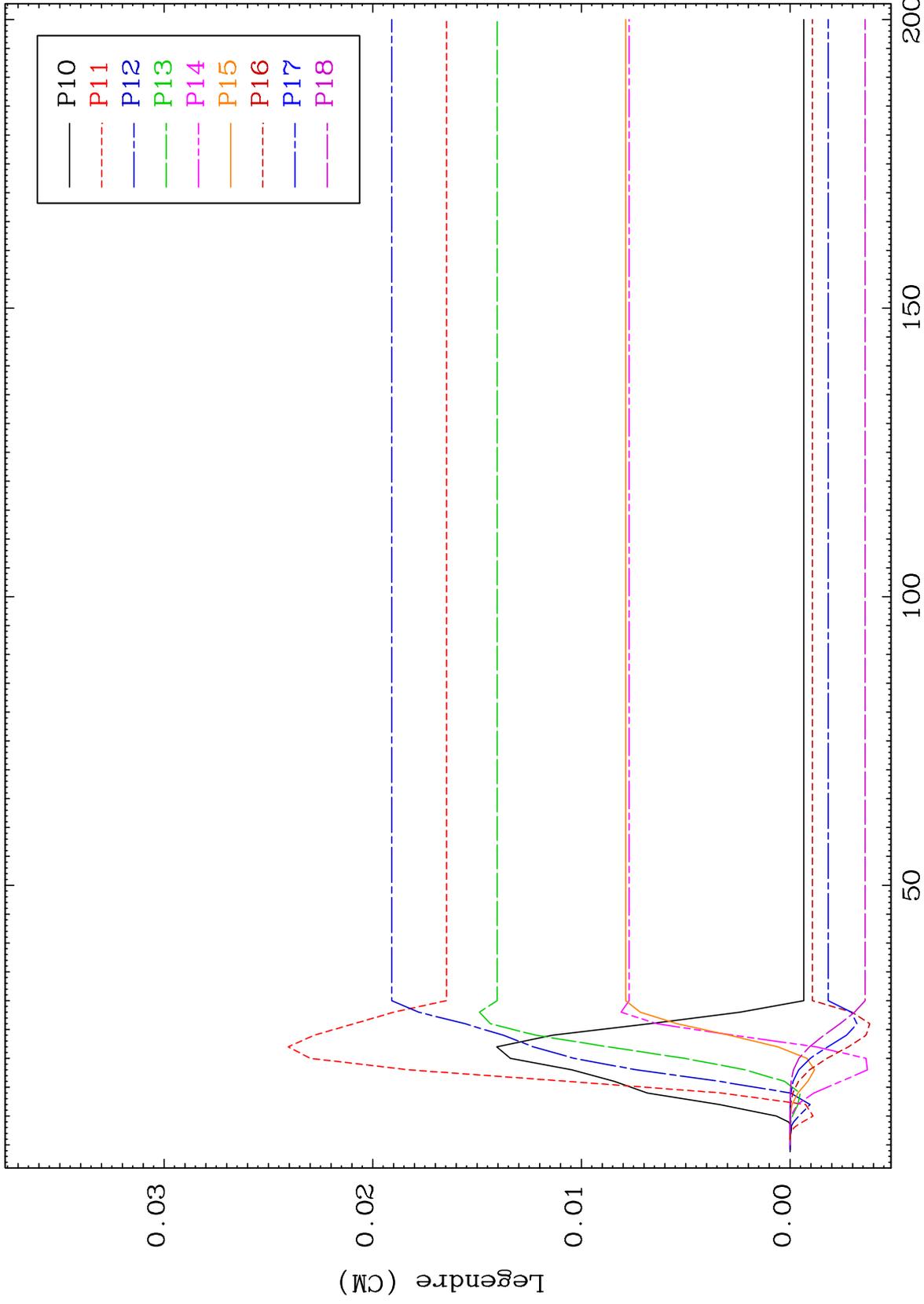
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

50-Sn-126



125

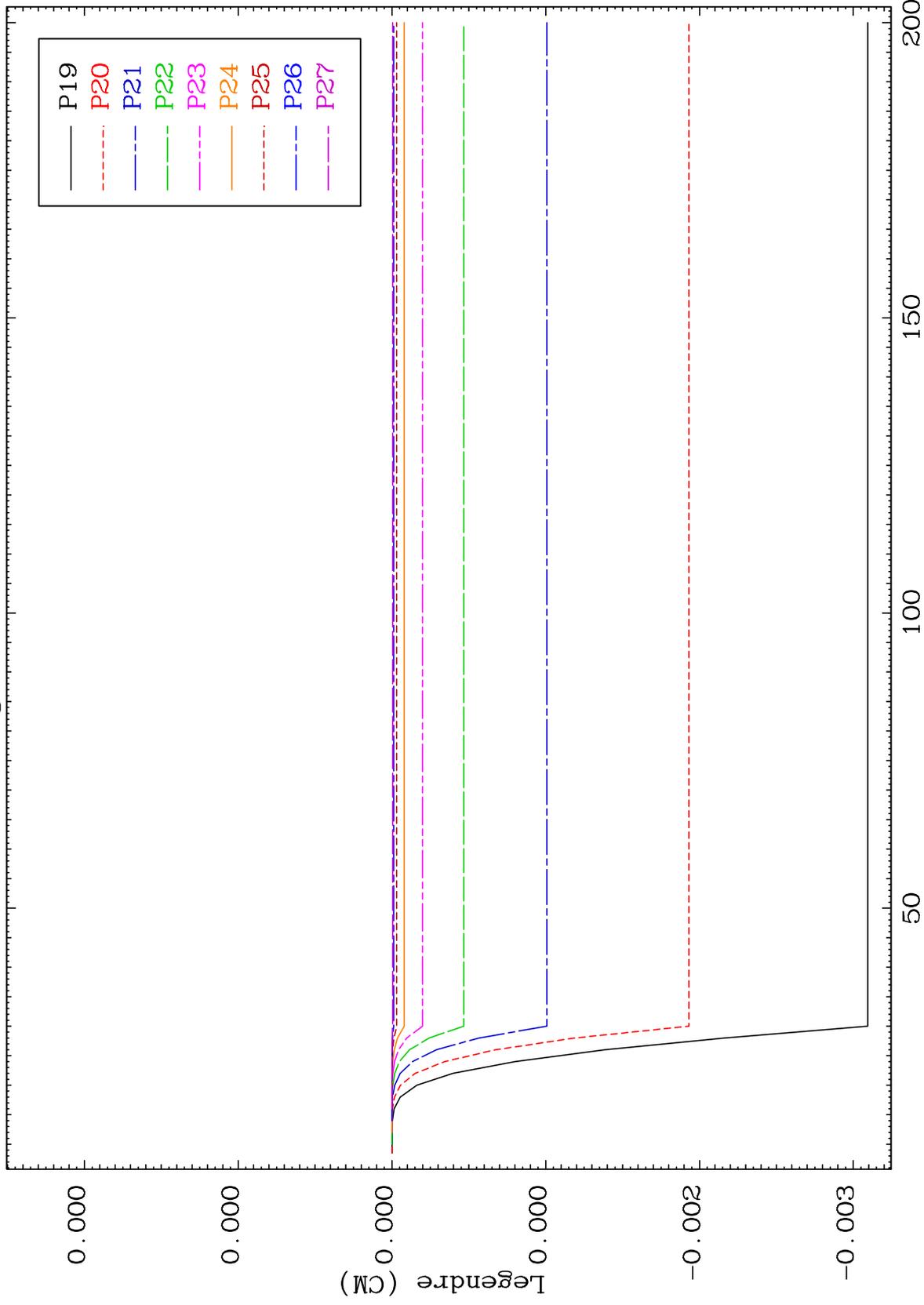
Incident Energy (MeV)

50-Sn-126

MAT 5067

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

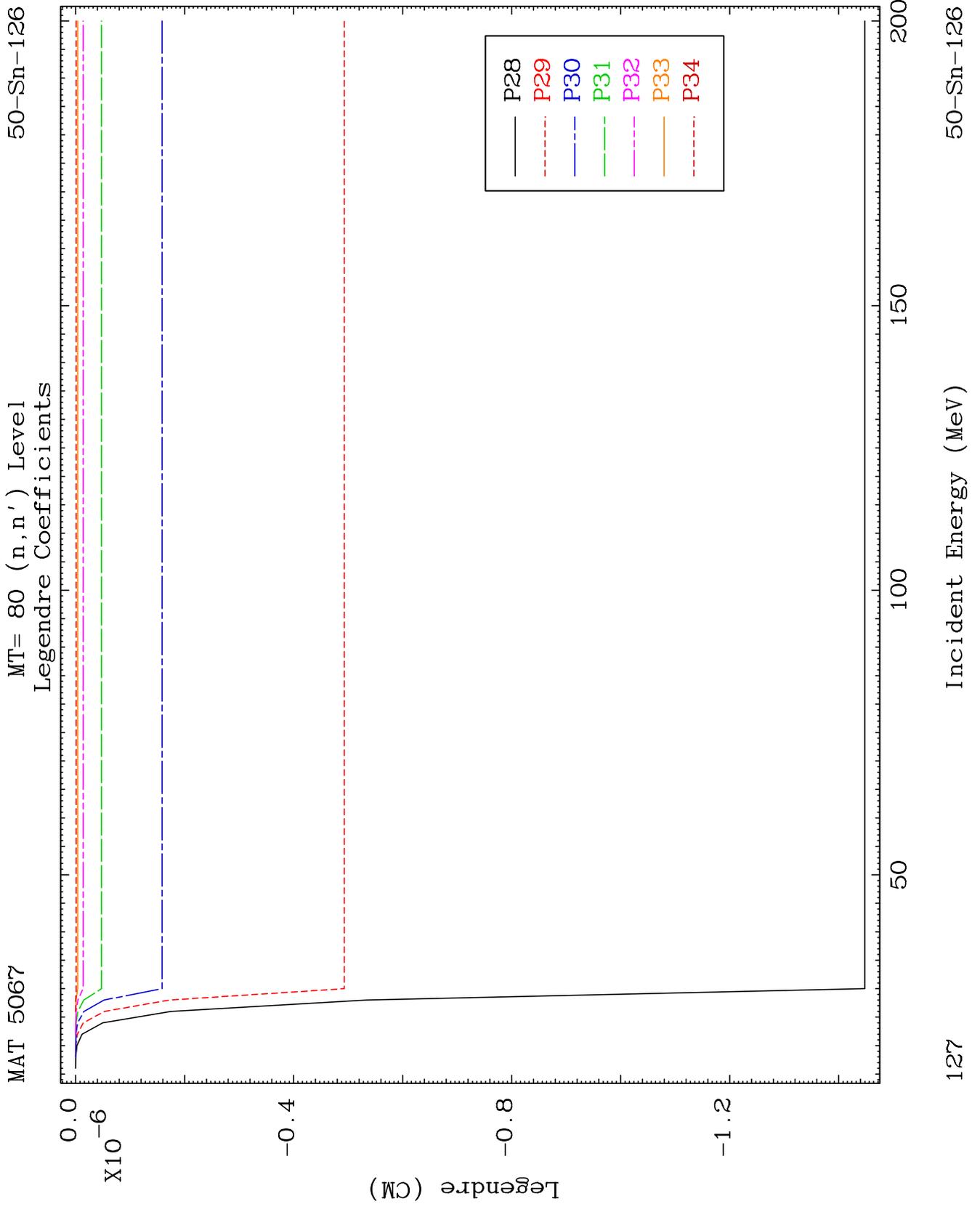
50-Sn-126



126

Incident Energy (MeV)

50-Sn-126

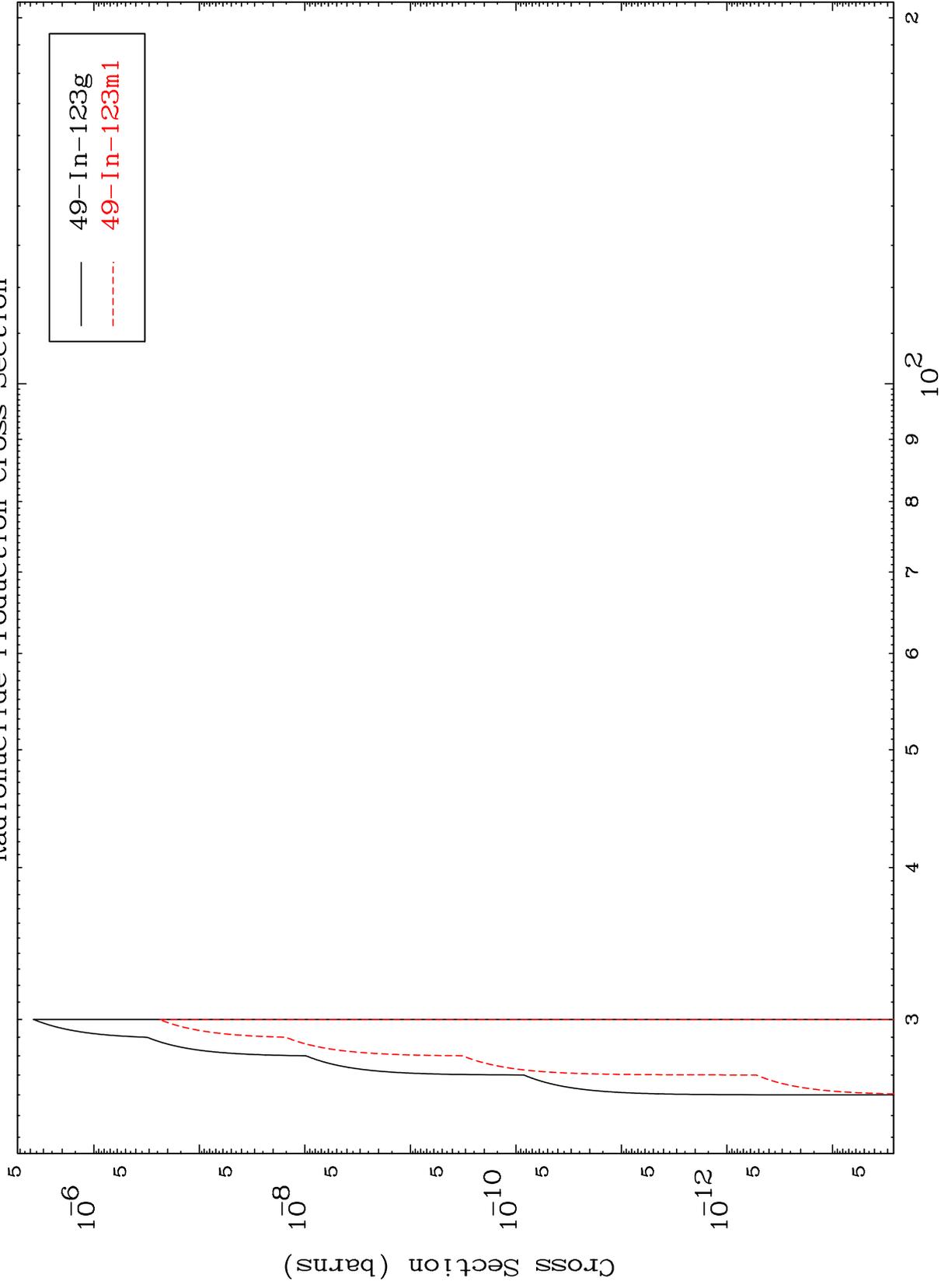


MAT 5067

(n,2n) d

50-Sn-126

Radionuclide Production Cross Section



128

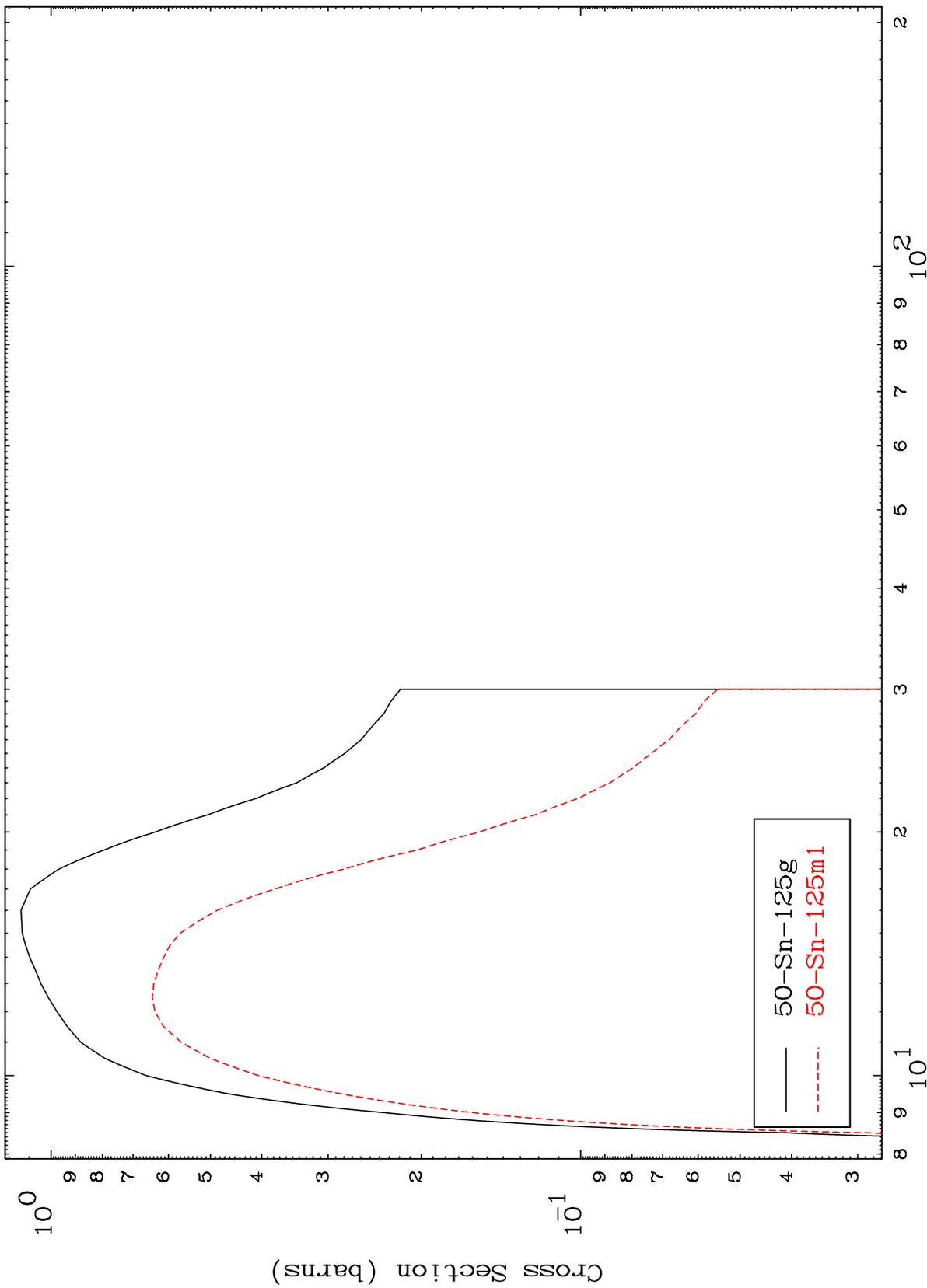
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n,2n)
Radionuclide Production Cross Section



129

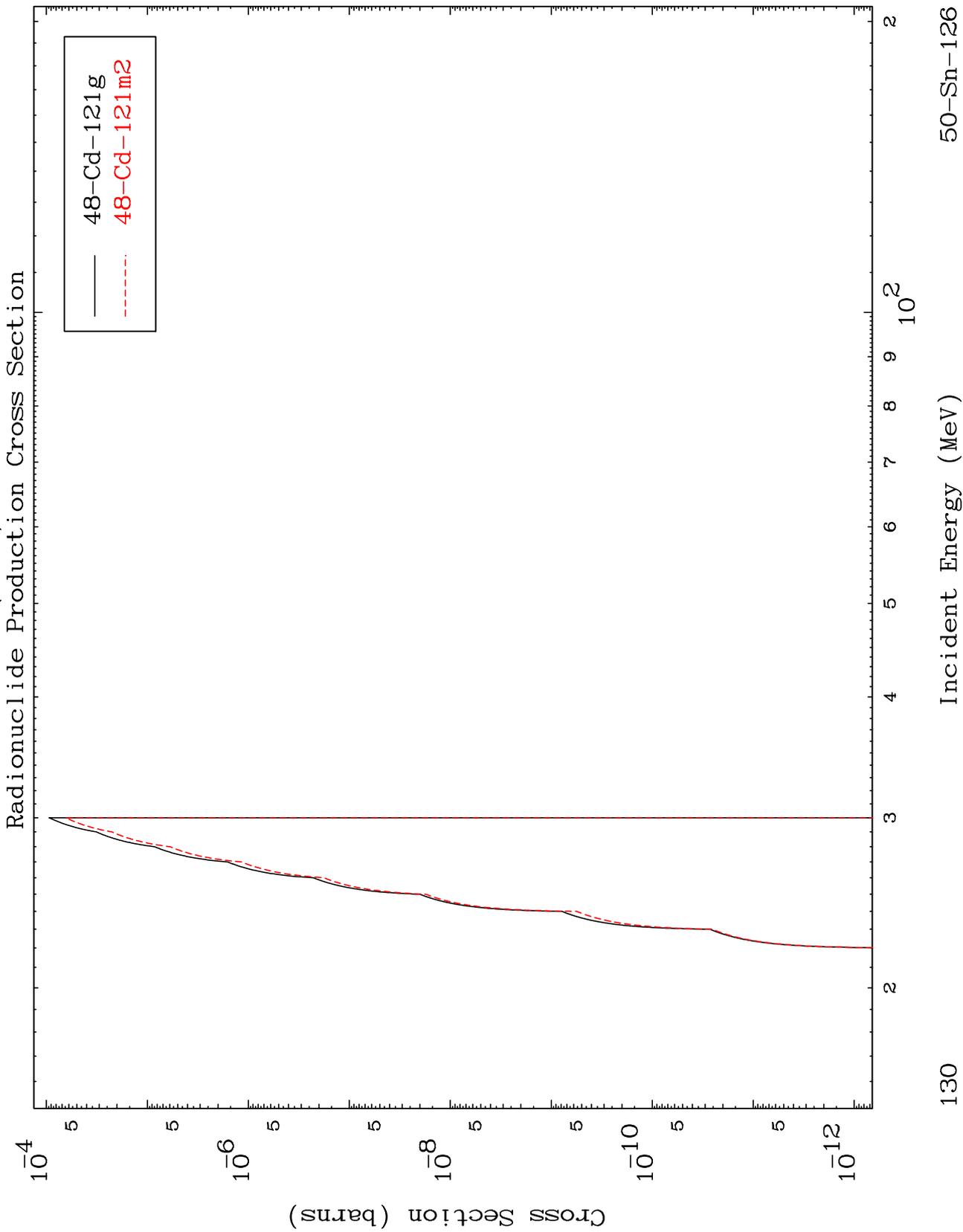
Incident Energy (MeV)

50-Sn-126

MAT 5067

(n,2n) α

50-Sn-126



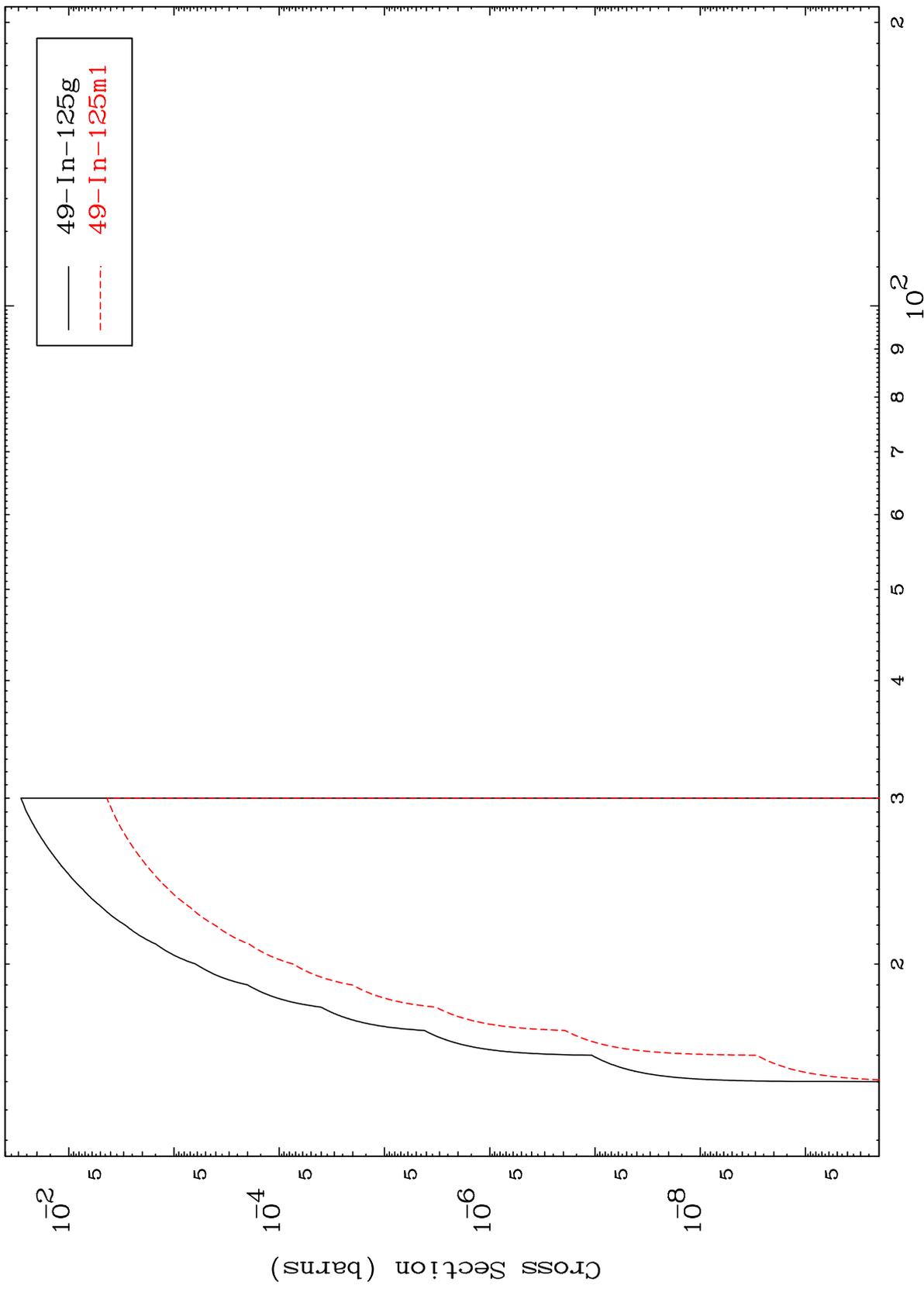
130

50-Sn-126

MAT 5067

50-Sn-126

(n, n') p
Radionuclide Production Cross Section



131

Incident Energy (MeV)

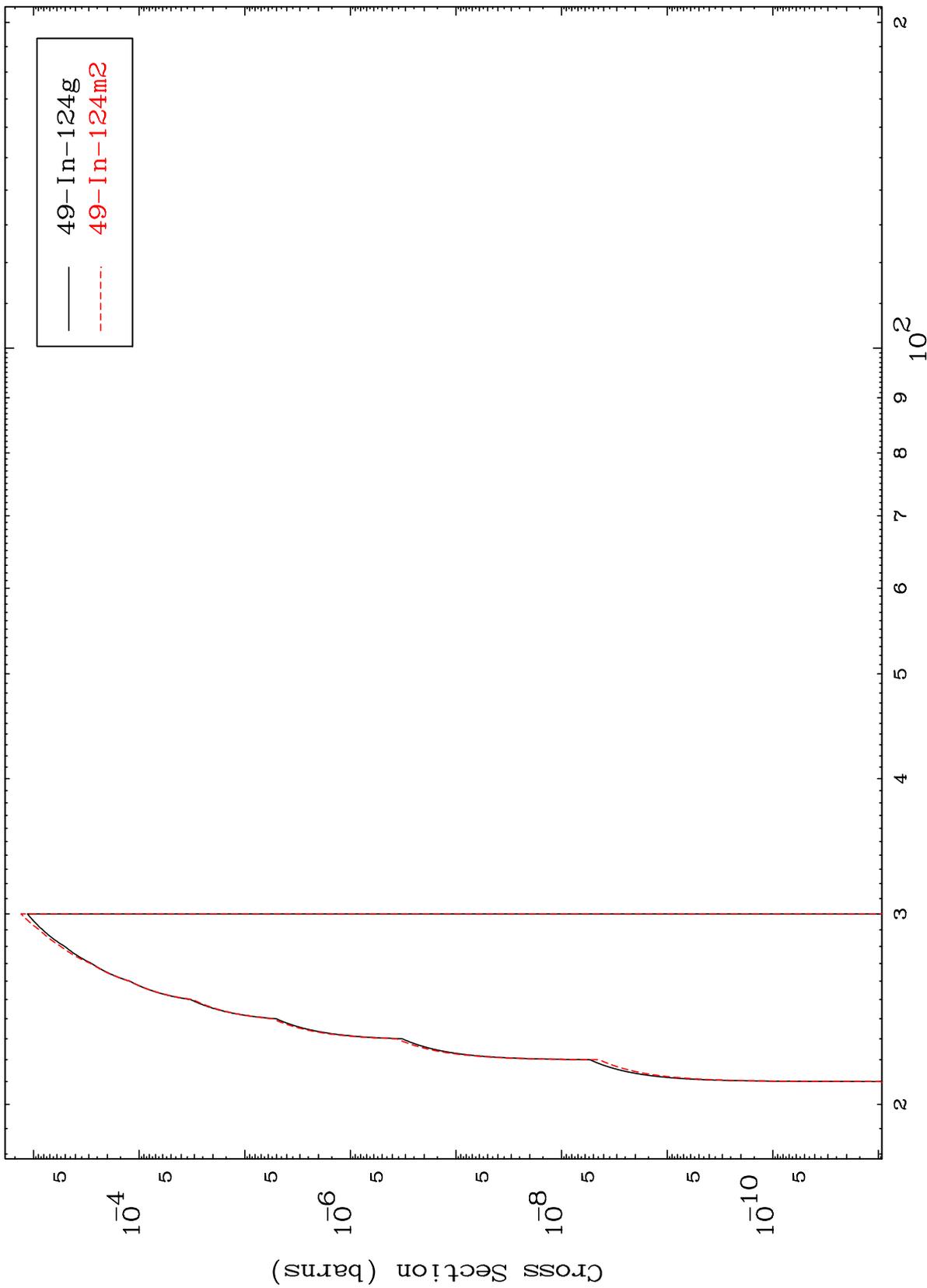
50-Sn-126

MAT 5067

(n,n') d

50-Sn-126

Radionuclide Production Cross Section



132

Incident Energy (MeV)

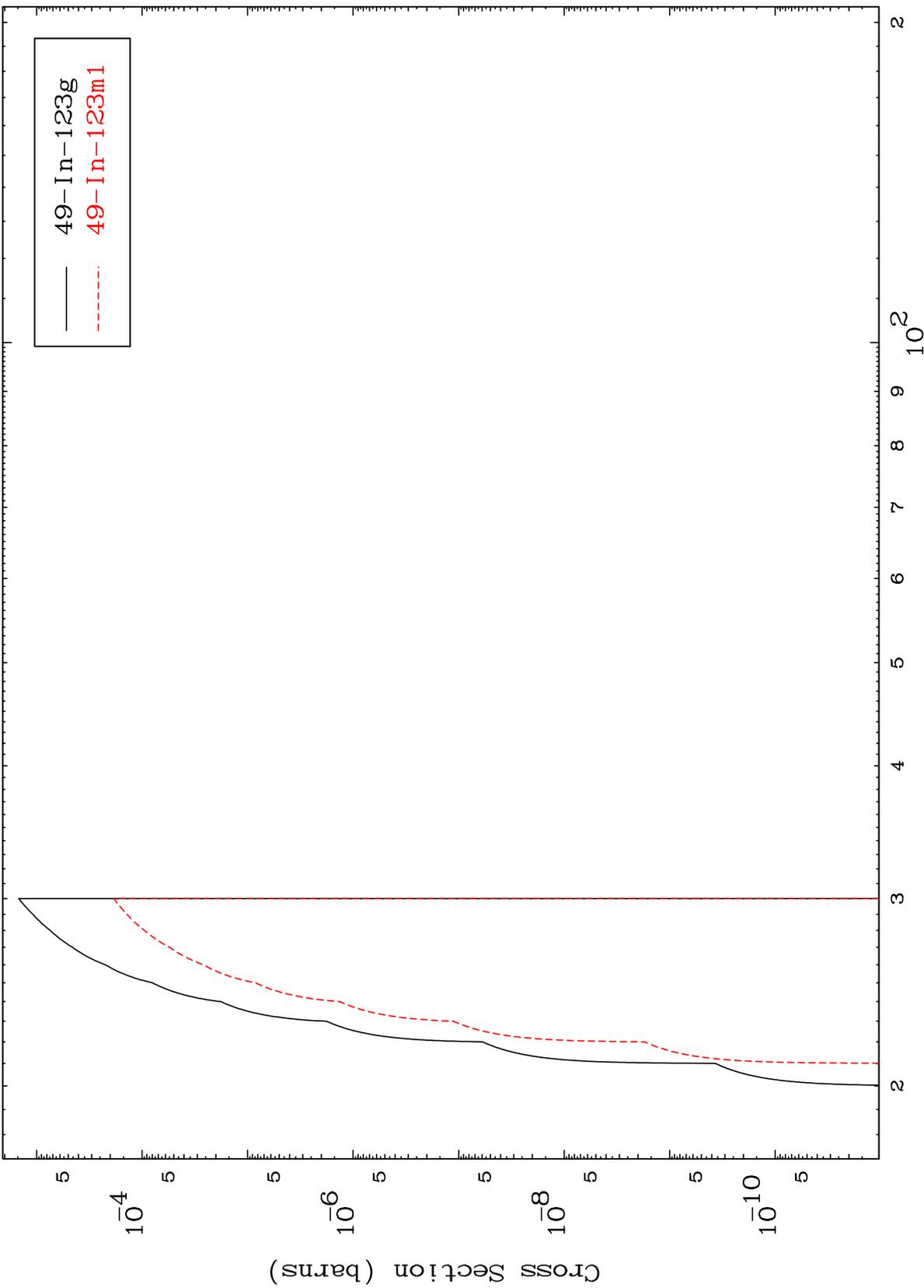
50-Sn-126

MAT 5067

(n,n') t

50-Sn-126

Radionuclide Production Cross Section



133

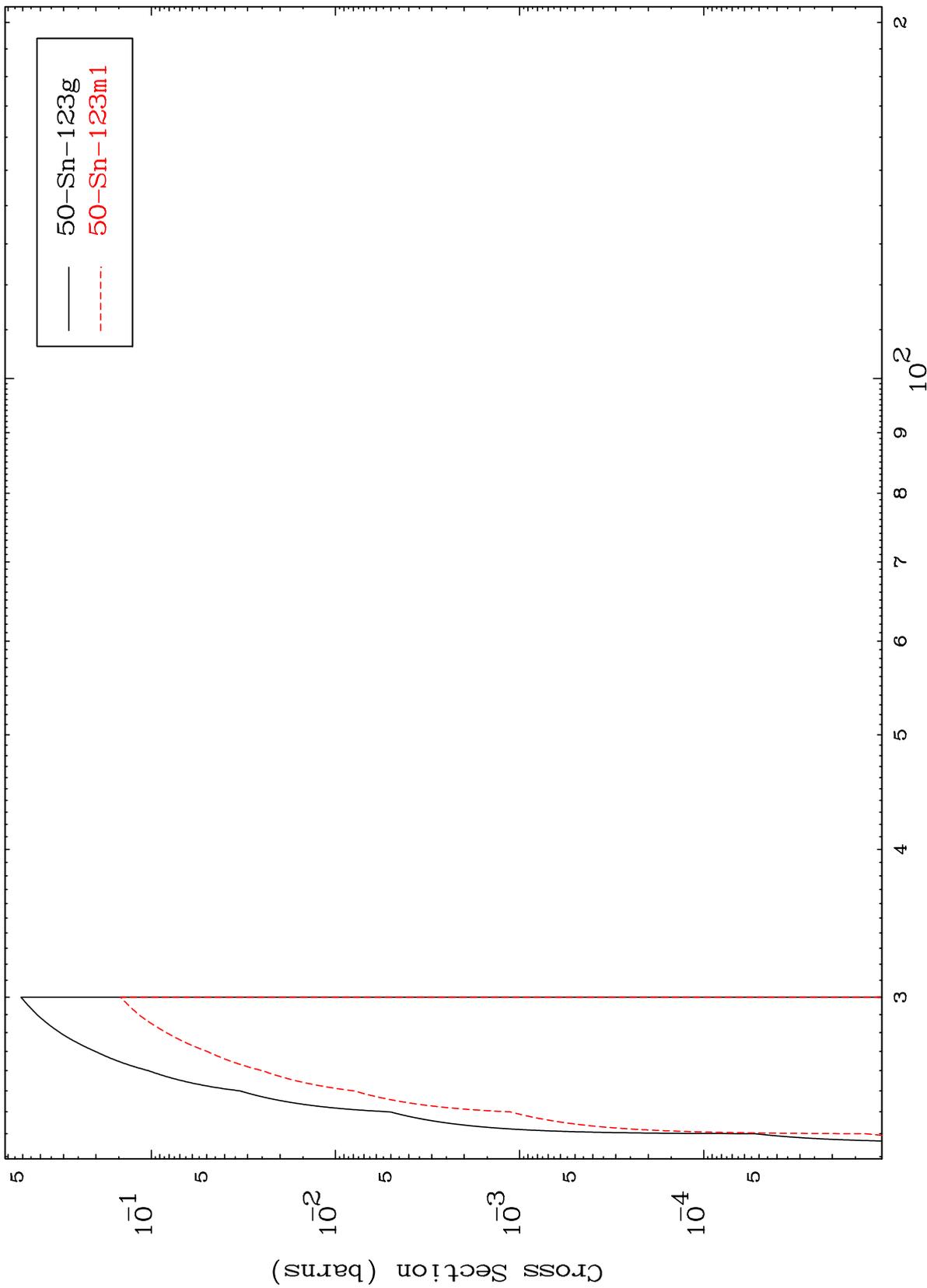
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n,4n)
Radionuclide Production Cross Section



50-Sn-126

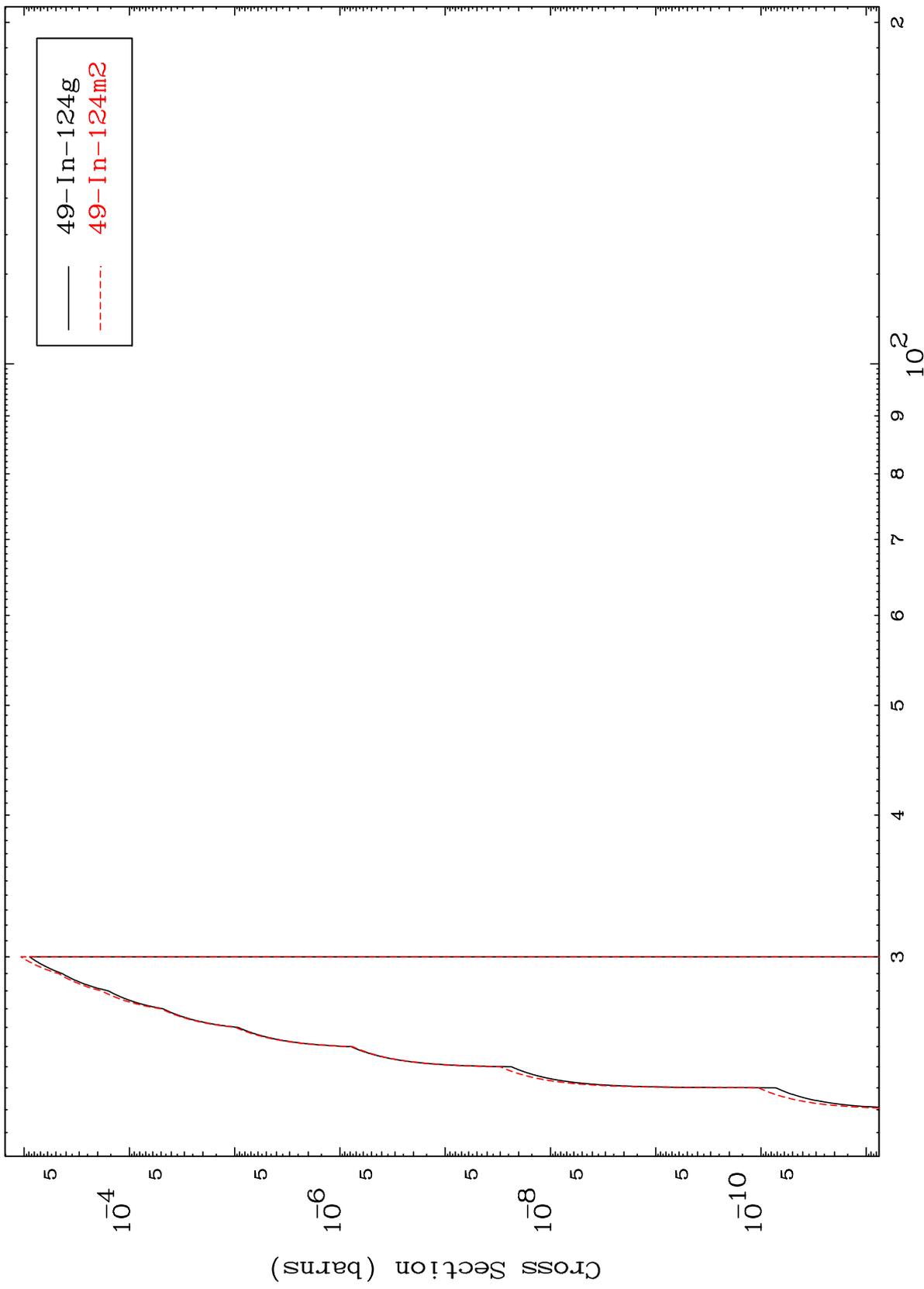
Incident Energy (MeV)

134

MAT 5067

50-Sn-126

(n,2n) p
Radionuclide Production Cross Section



50-Sn-126

Incident Energy (MeV)

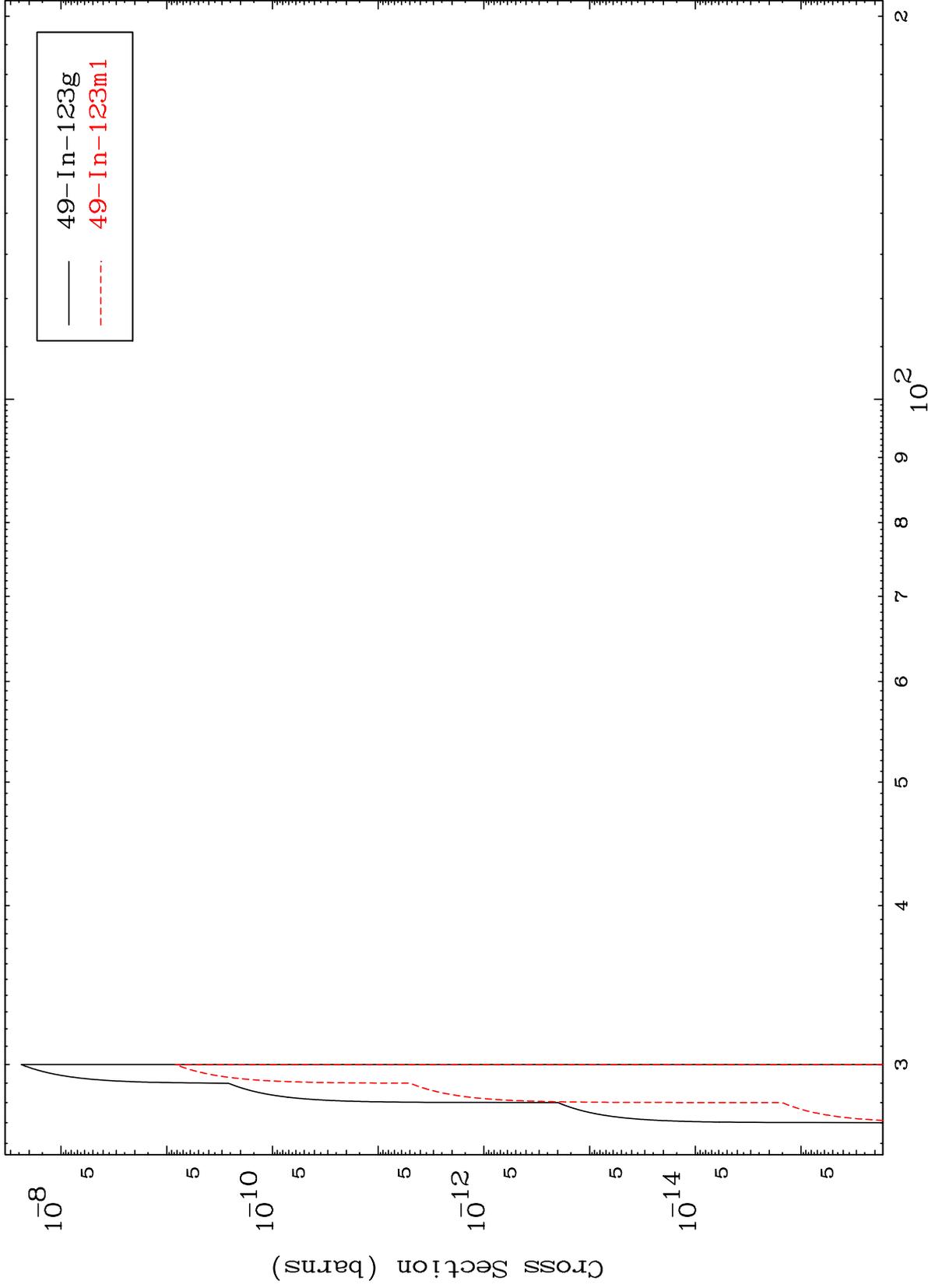
135

MAT 5067

(n,3n) p

50-Sn-126

Radionuclide Production Cross Section



136

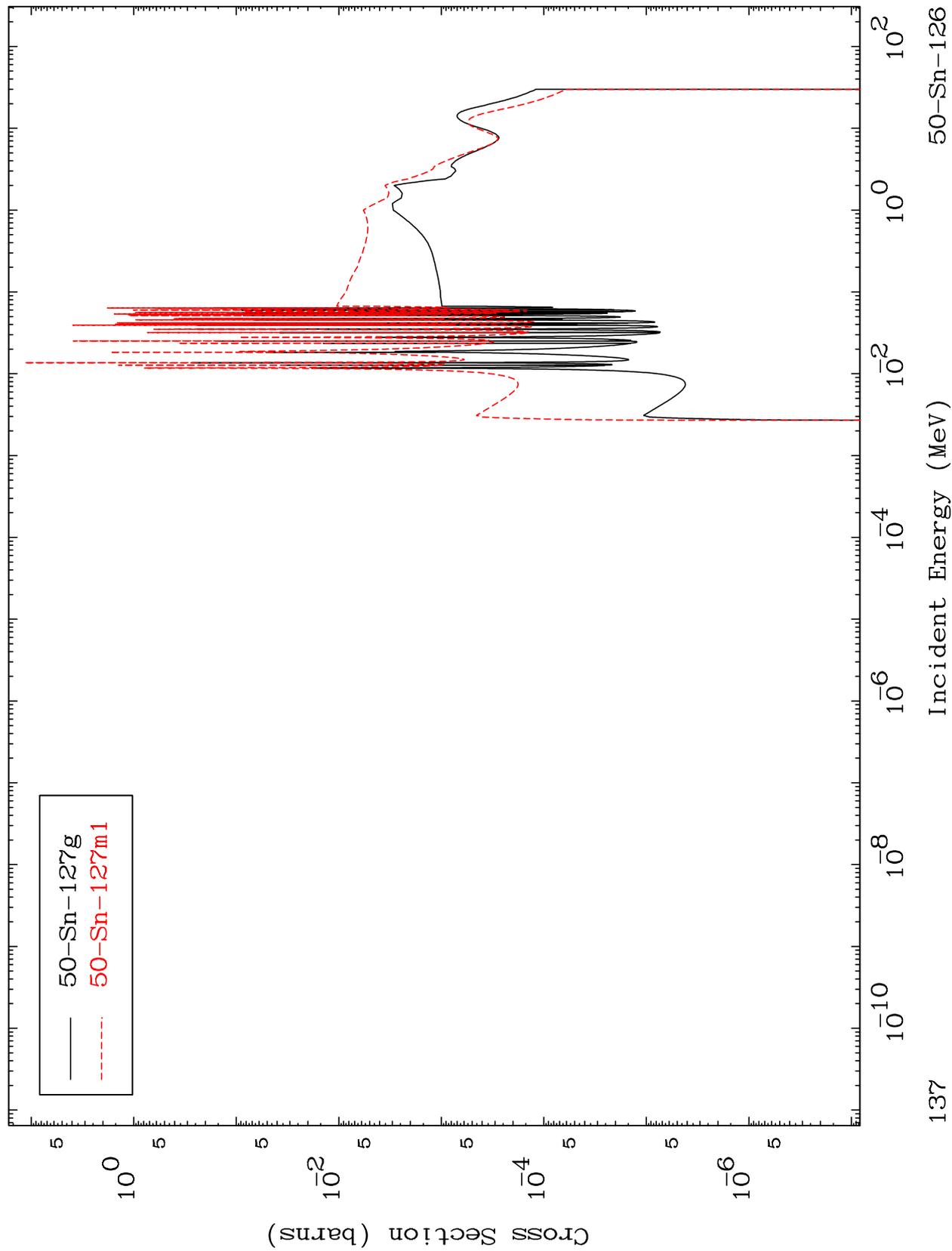
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n, γ)
Radionuclide Production Cross Section



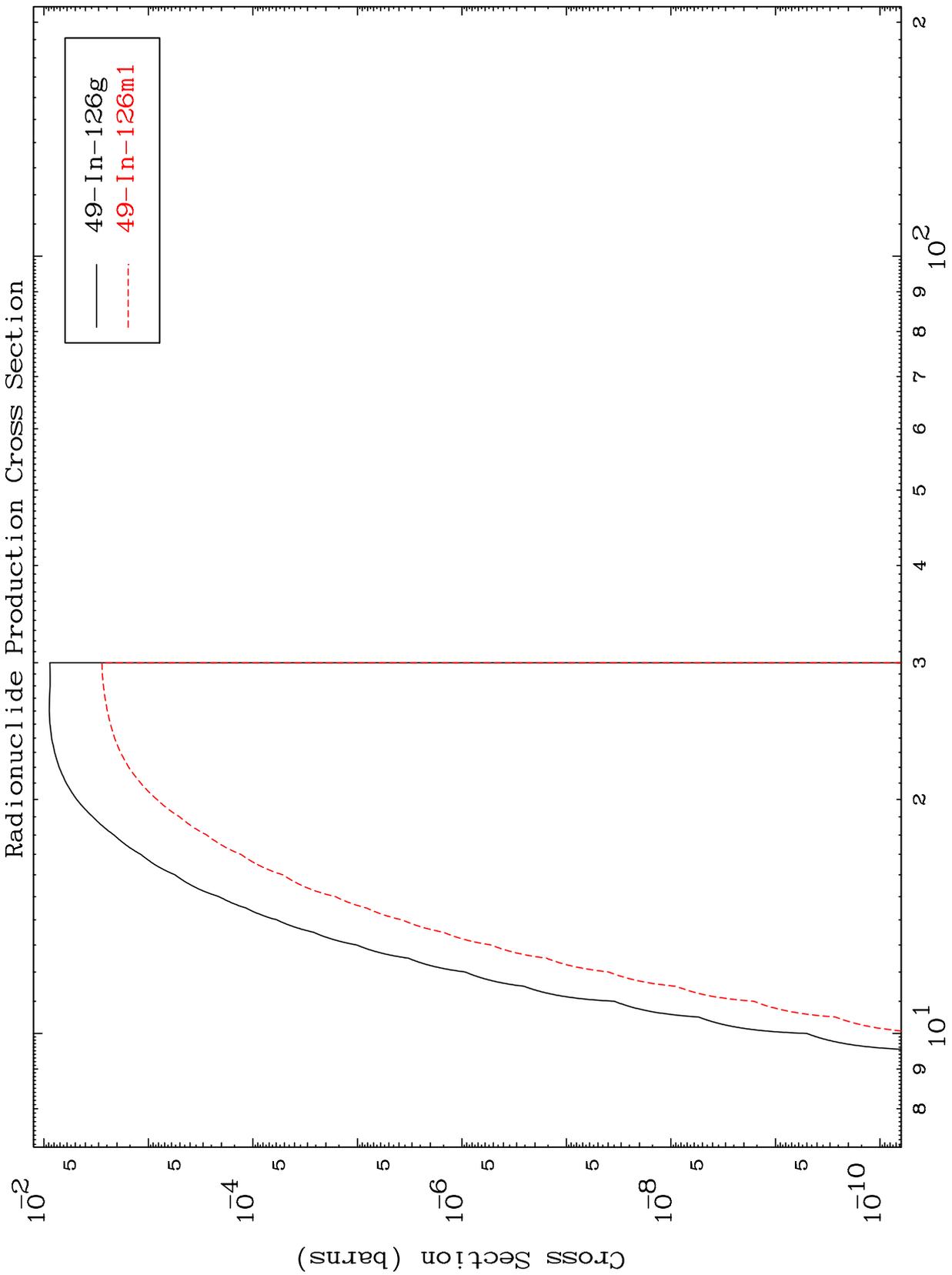
137

50-Sn-126

MAT 5067

50-Sn-126

(n,p)
Radionuclide Production Cross Section



138

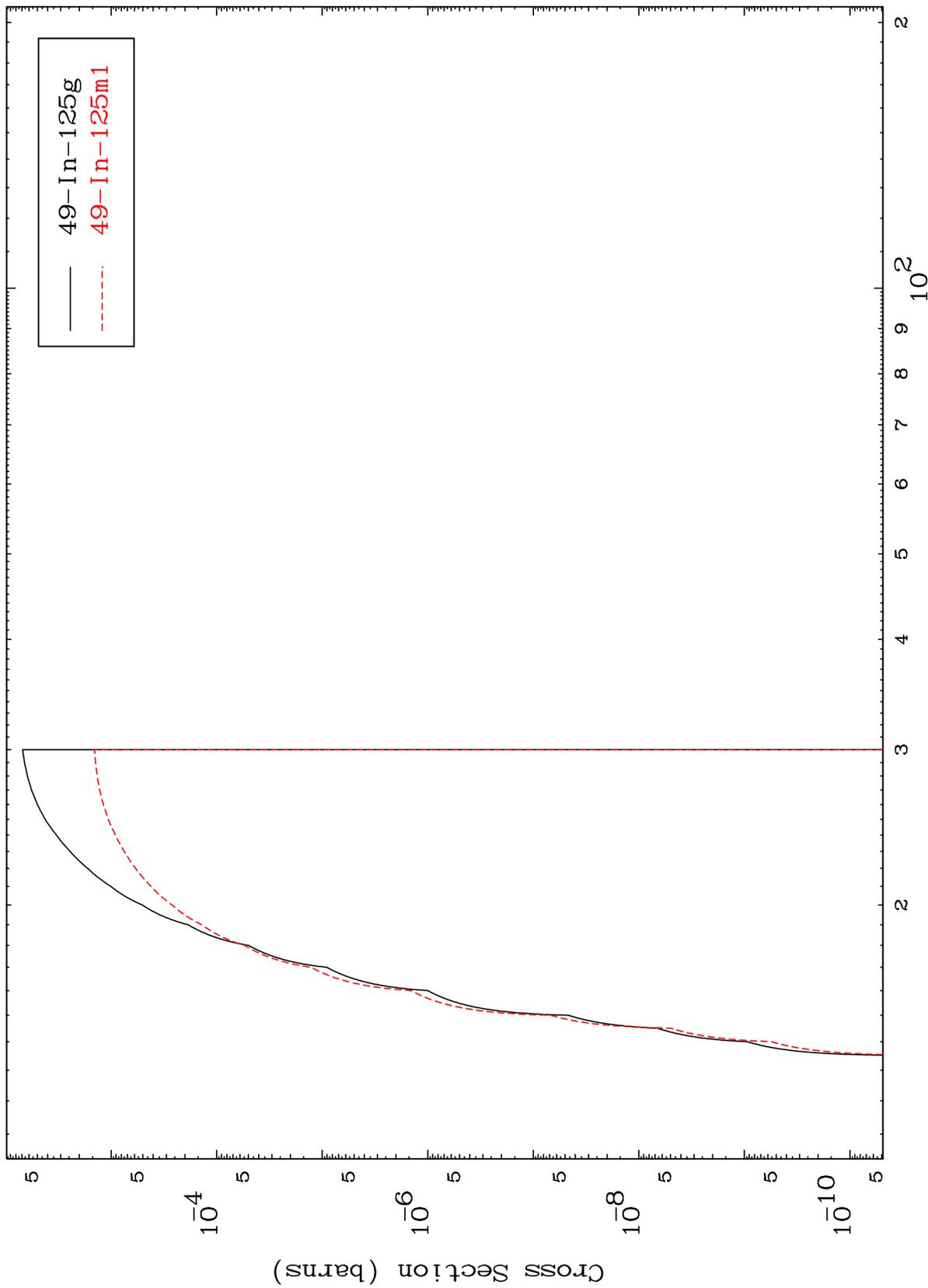
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n,d)
Radionuclide Production Cross Section



139

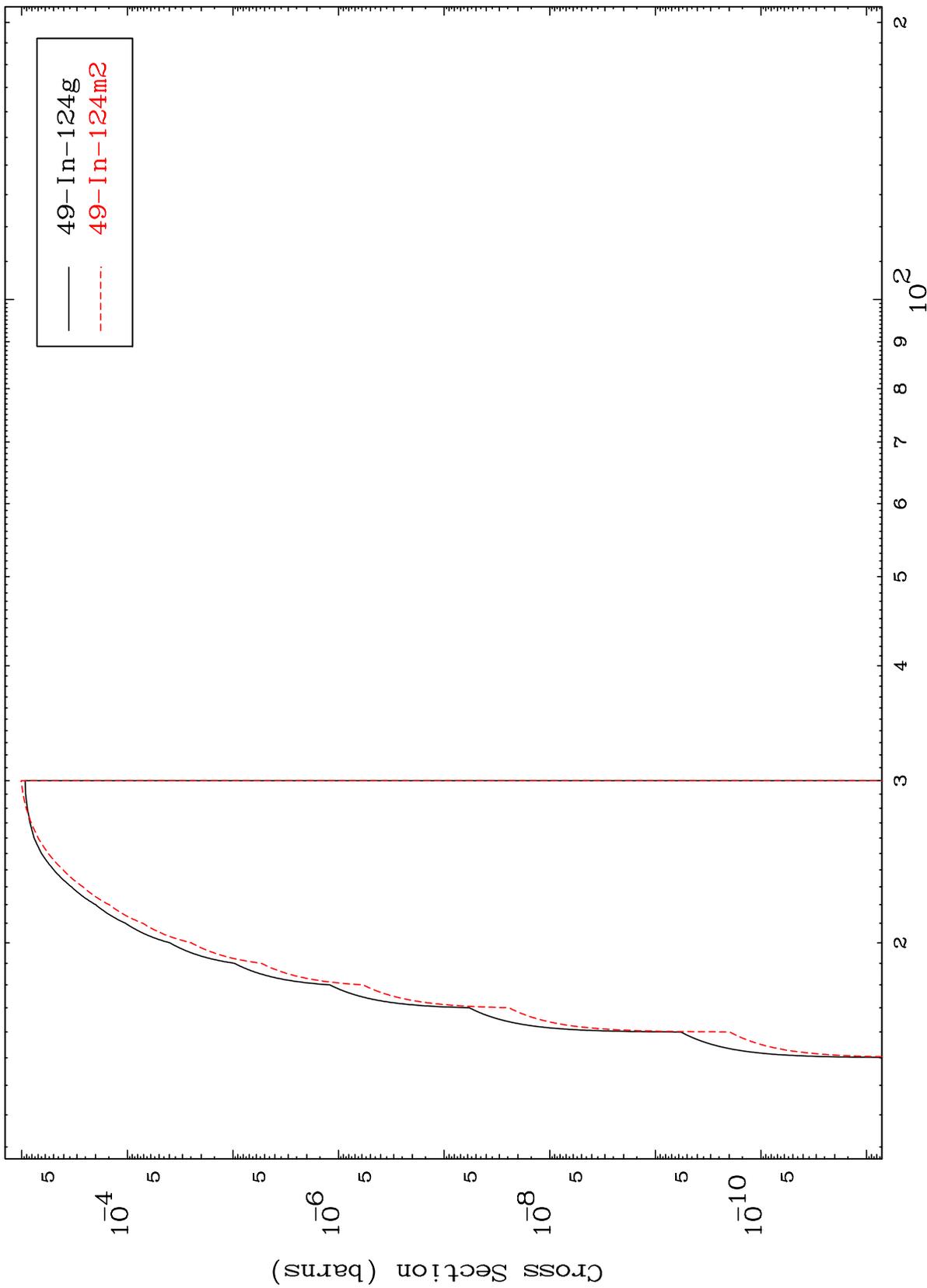
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n,t)
Radionuclide Production Cross Section



140

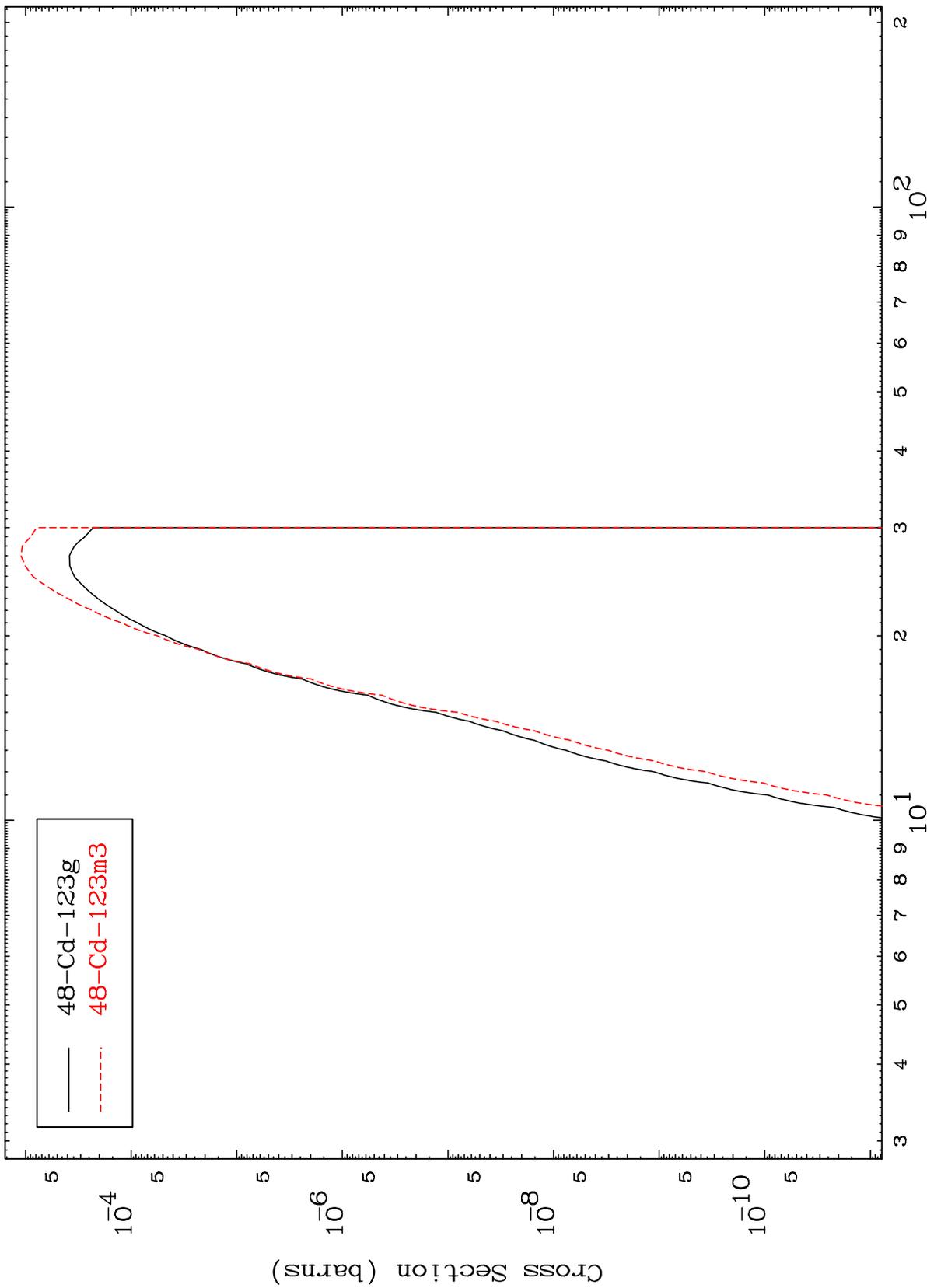
Incident Energy (MeV)

50-Sn-126

MAT 5067

50-Sn-126

(n, α)
Radionuclide Production Cross Section



50-Sn-126

Incident Energy (MeV)

141