

Program EVALPLOT
(Version 2017-1)

by

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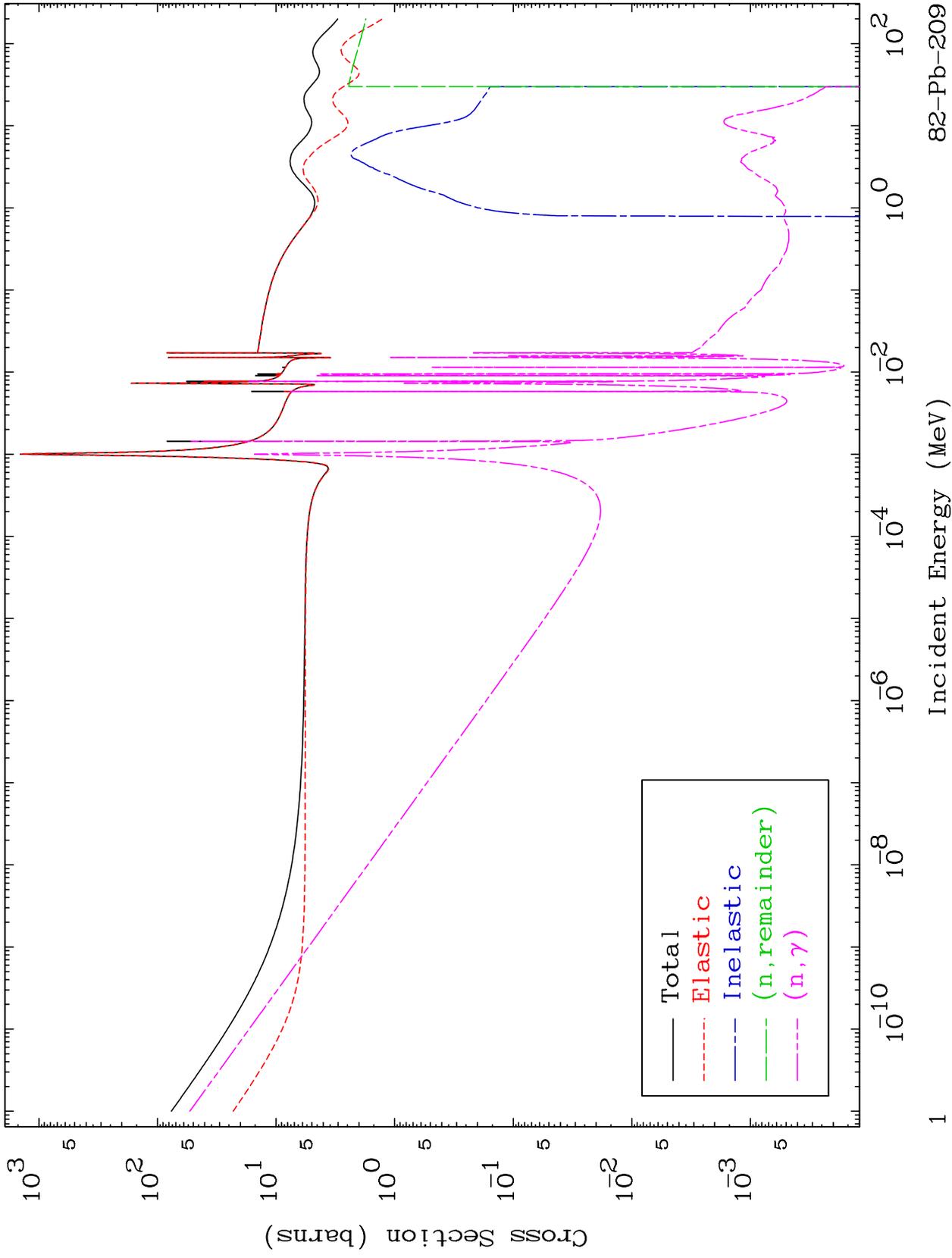
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Press Mouse Button to Start

MAT 8240

Major
293 Kelvin Cross Sections

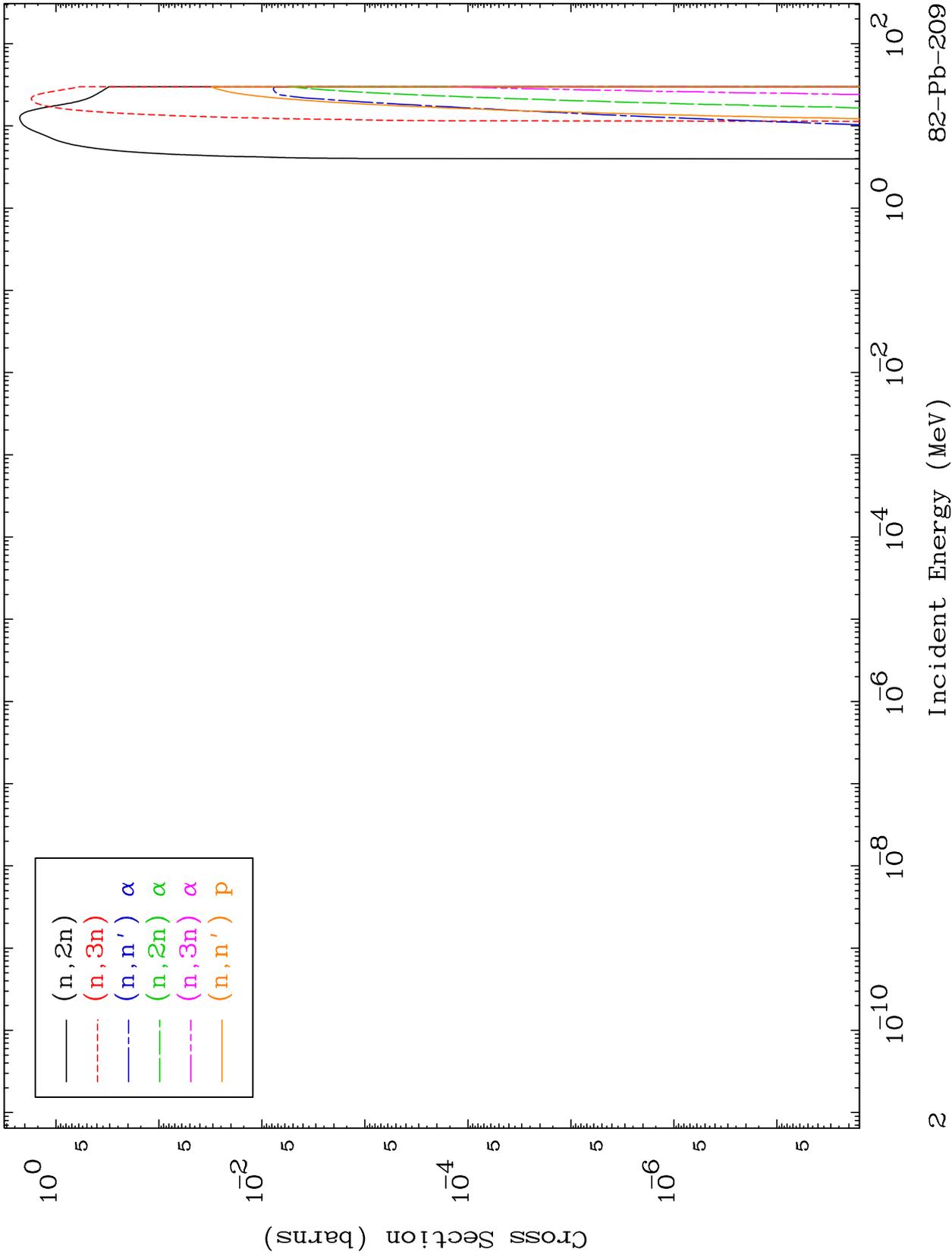
82-Pb-209



MAT 8240

Neutron Production
293 Kelvin Cross Sections

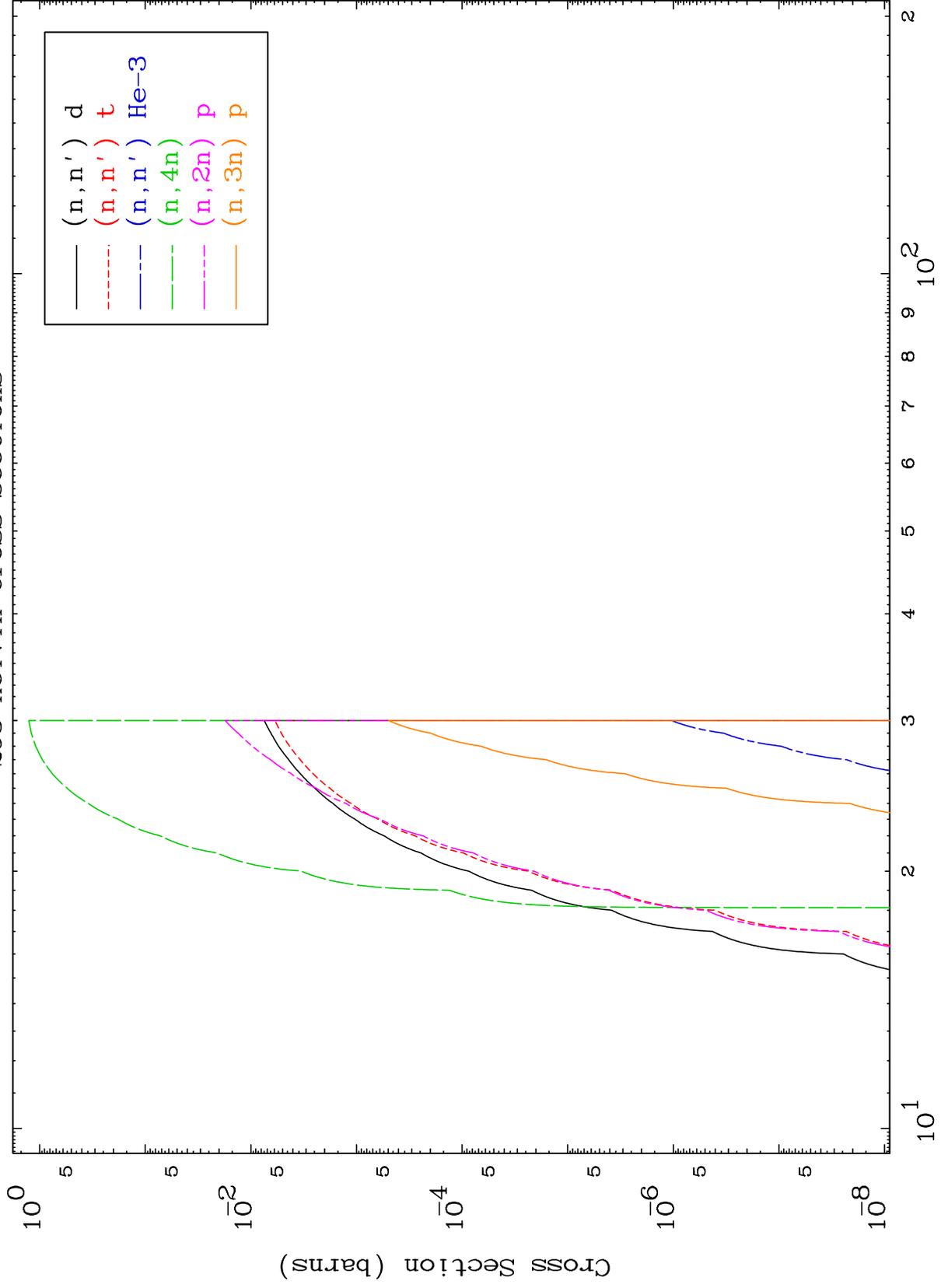
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MAT 8240

Neutron Production
293 Kelvin Cross Sections

82-Pb-209



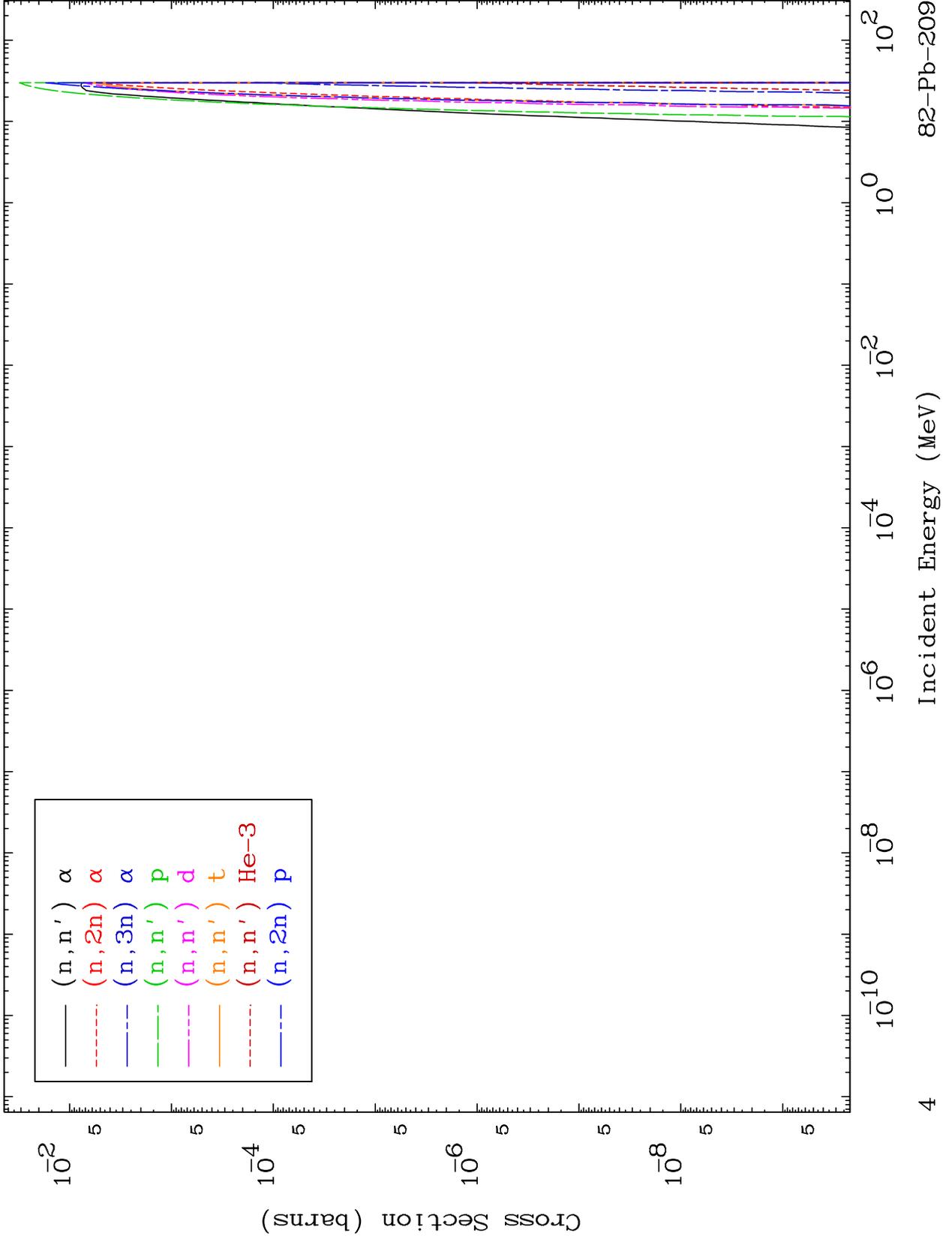
Incident Energy (MeV)

82-Pb-209

MAT 8240

Charged Particle
293 Kelvin Cross Sections

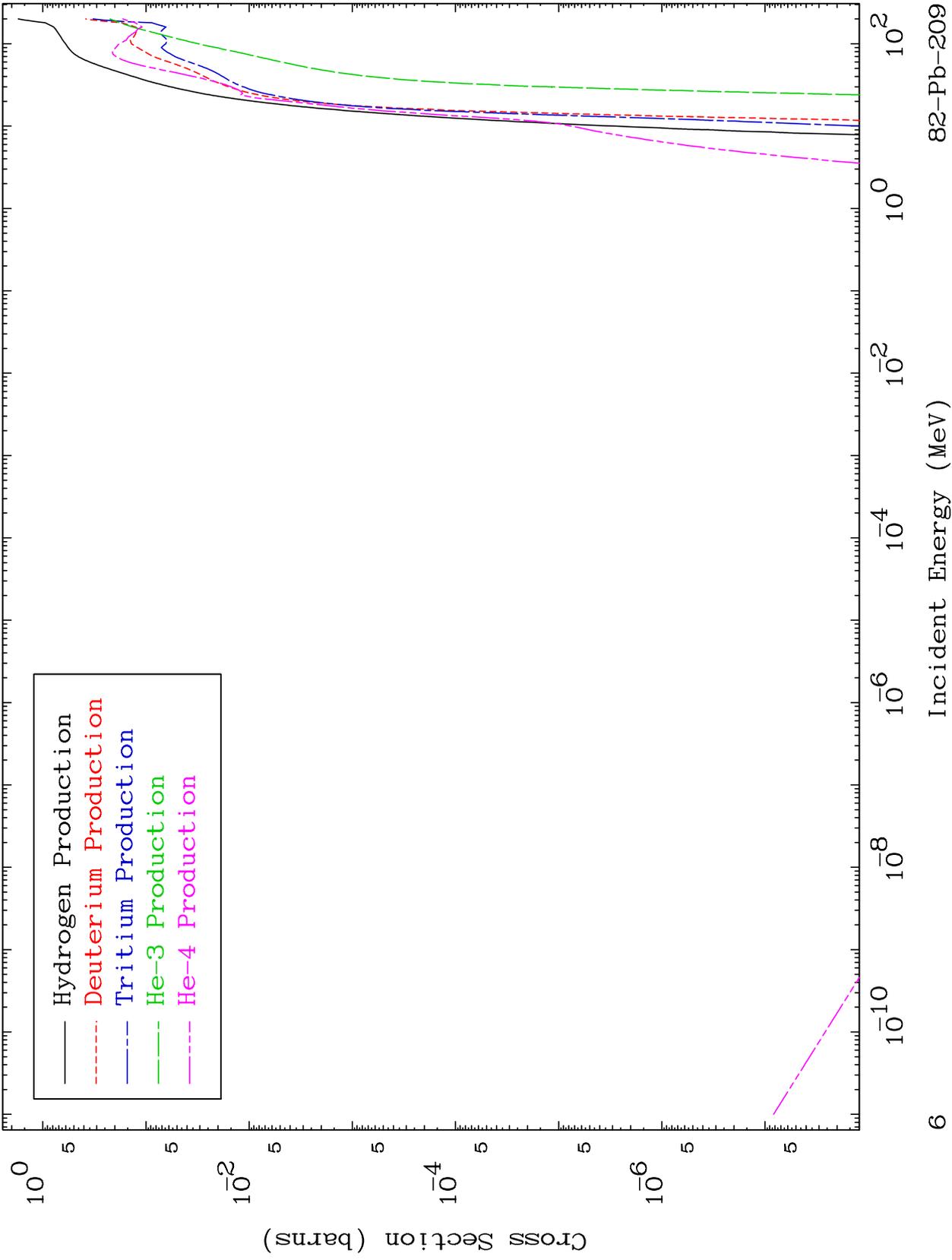
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MAT 8240

Particle Production
293 Kelvin Cross Sections

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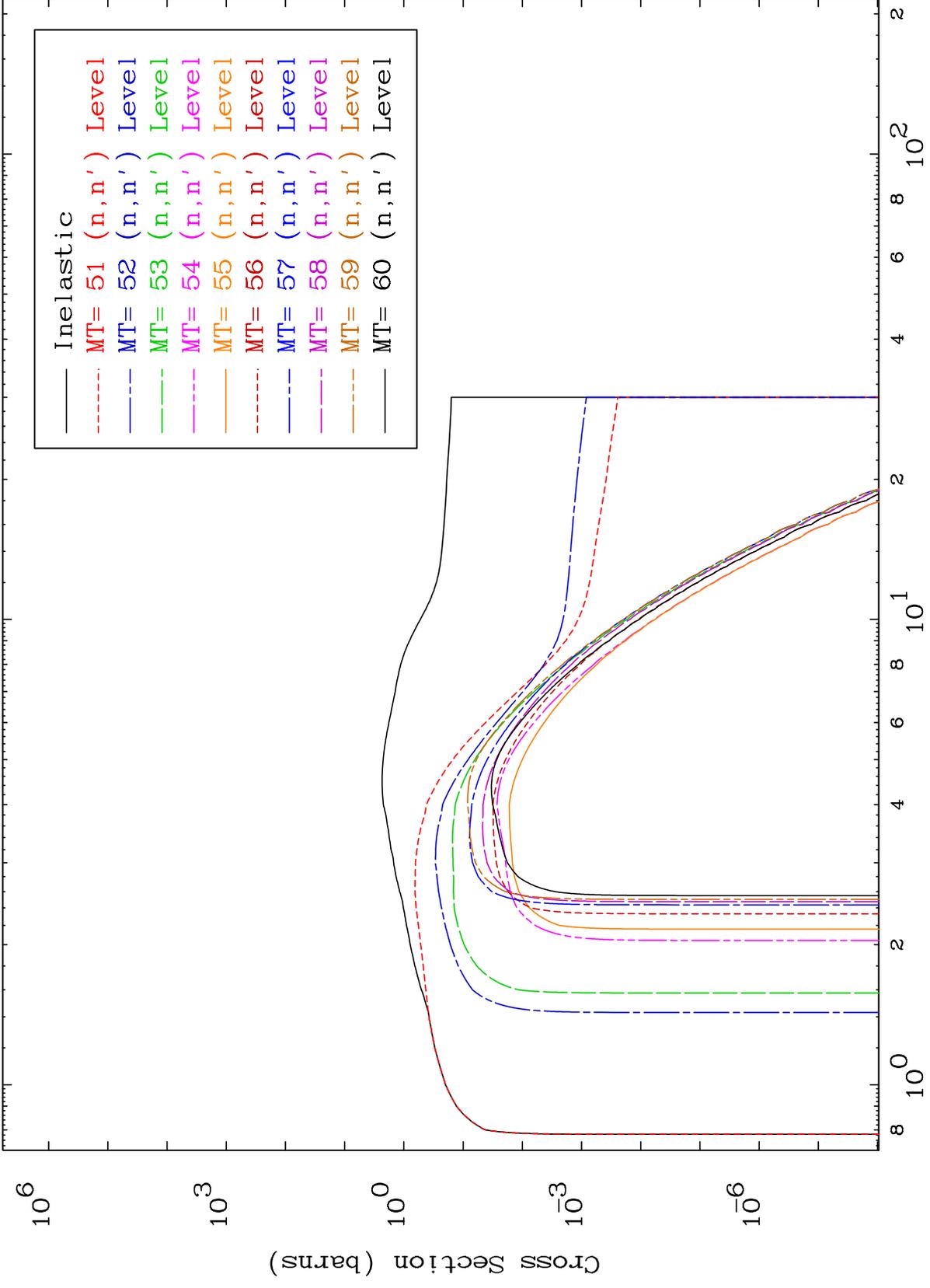


MAT 8240

(n,n') Level

82-Pb-209

293 Kelvin Cross Sections



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Incident Energy (MeV)

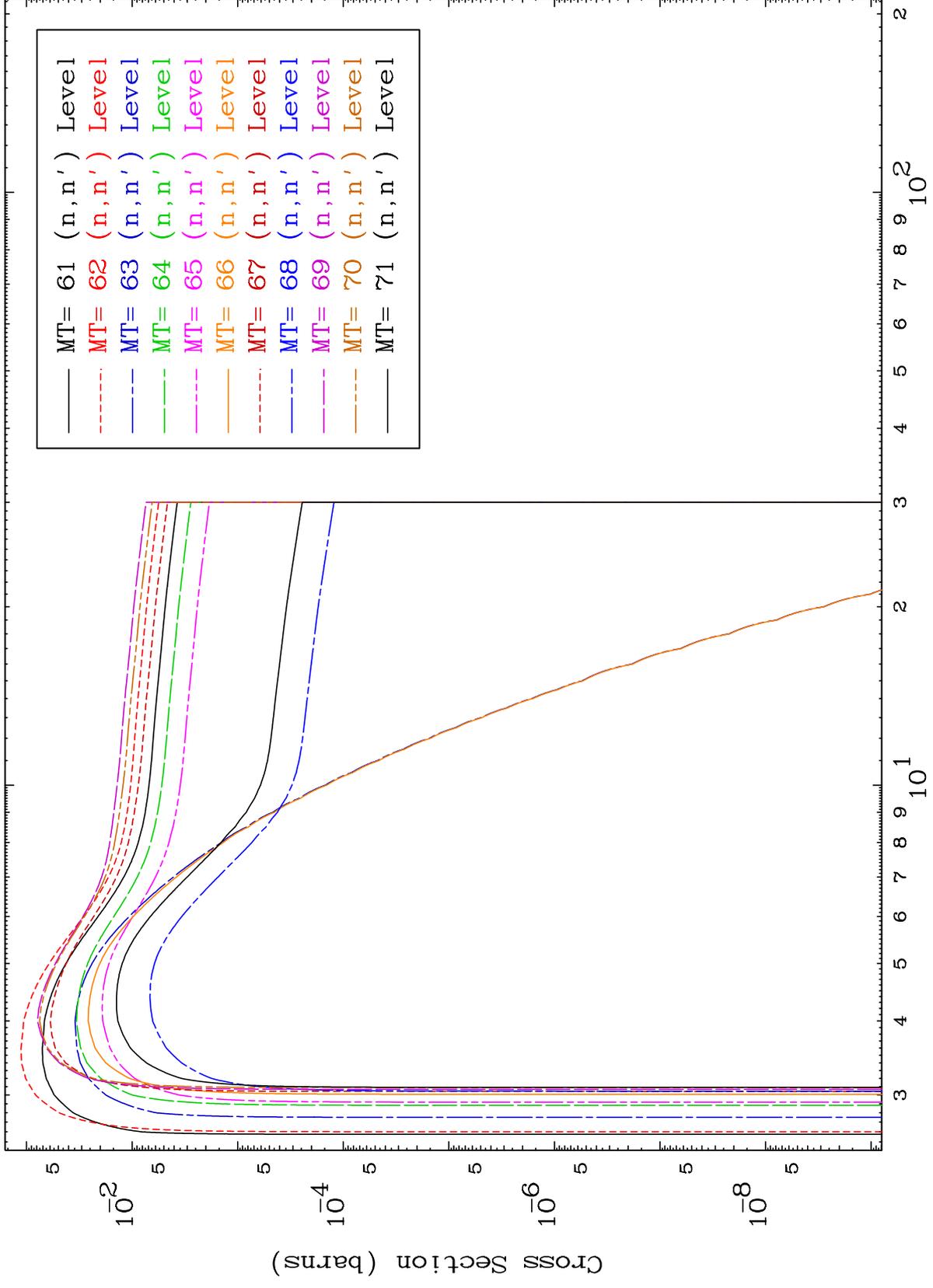
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MAT 8240

(n,n') Level

82-Pb-209

293 Kelvin Cross Sections



8

Incident Energy (MeV)

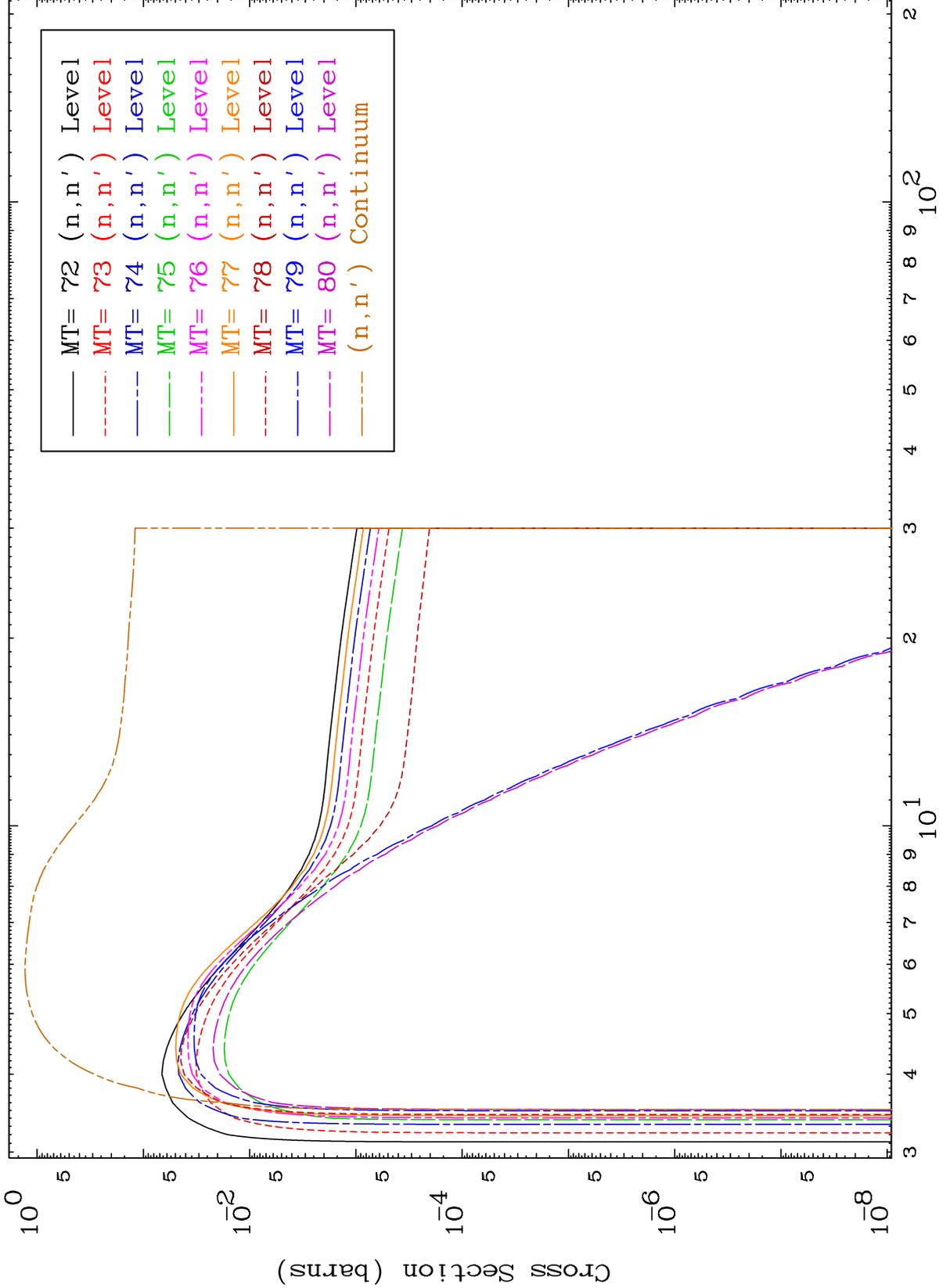
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MAT 8240

(n,n') Level

82-Pb-209

293 Kelvin Cross Sections



Incident Energy (MeV)

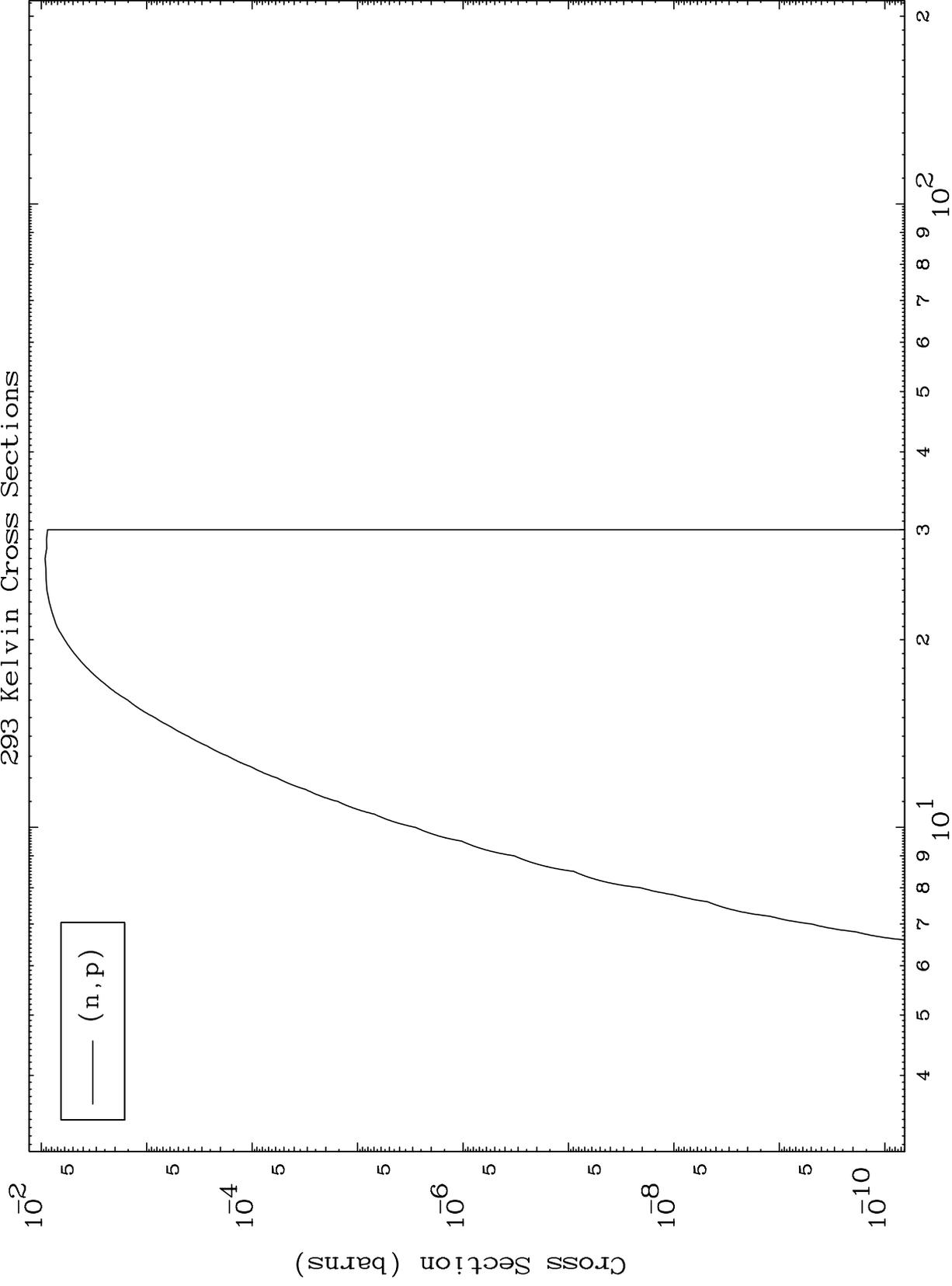
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9

MAT 8240

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-209



10

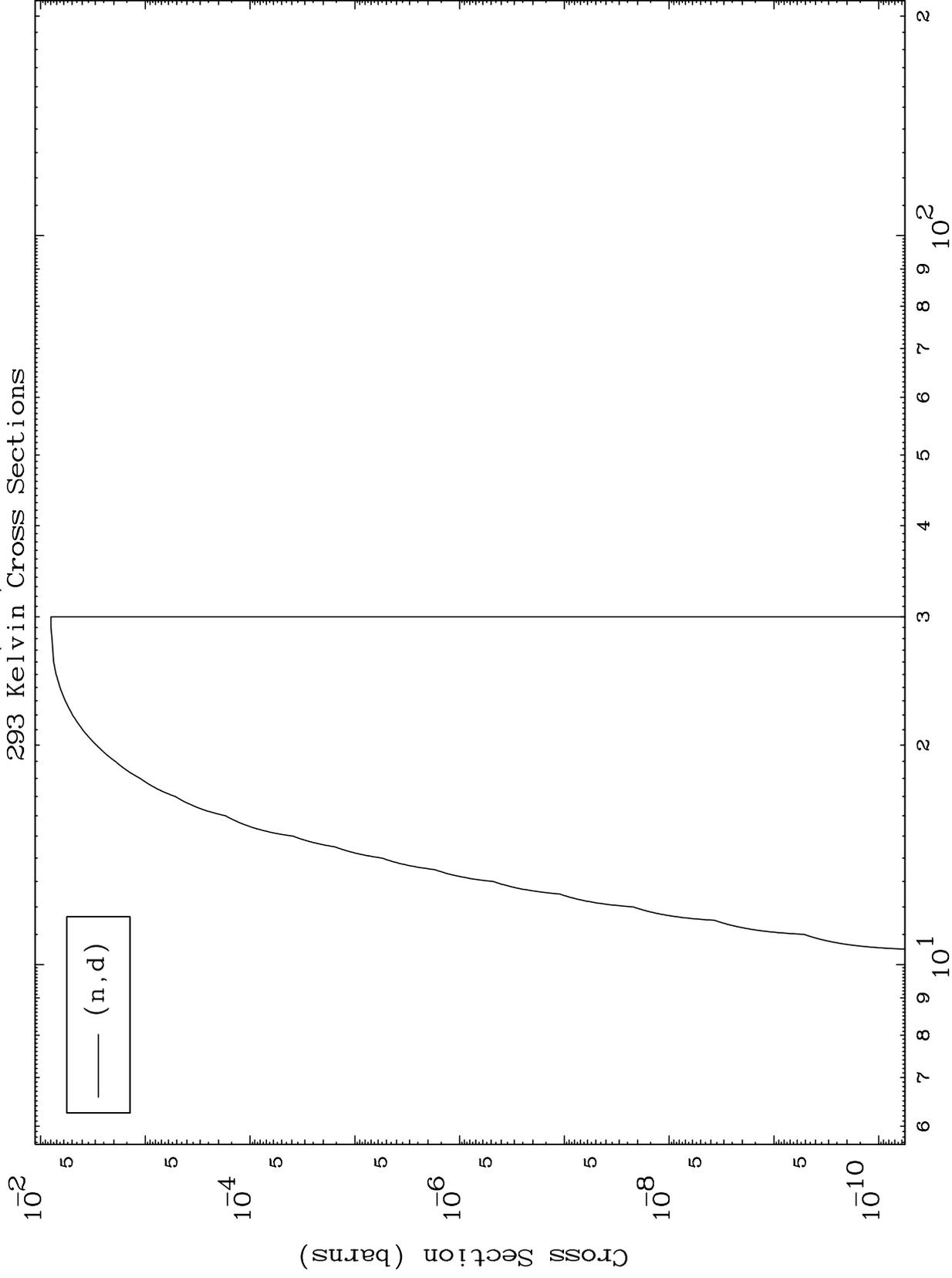
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82-Pb-209

MAT 8240

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-209



11

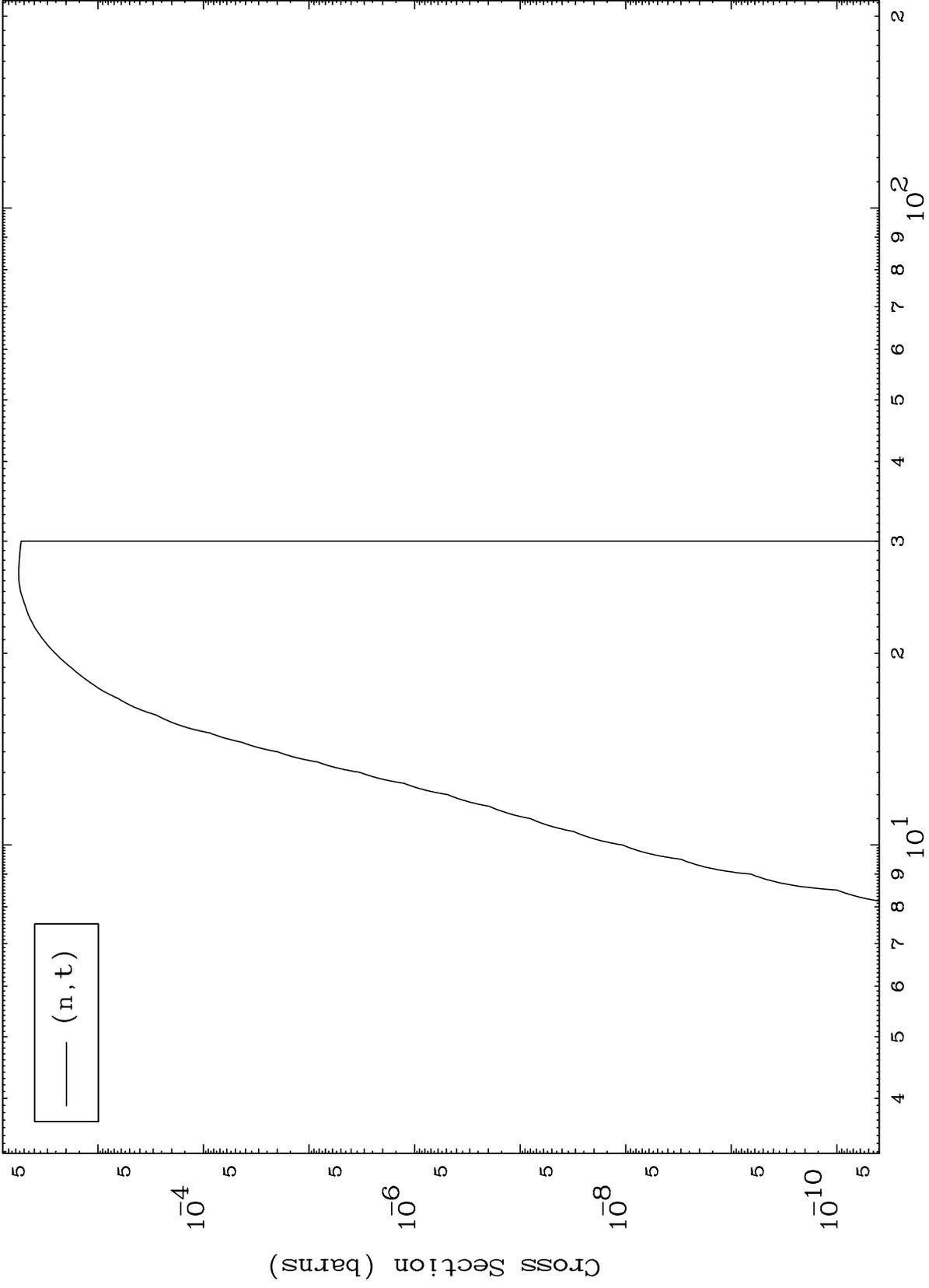
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82-Pb-209

MAT 8240

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-209



(n,t)

12

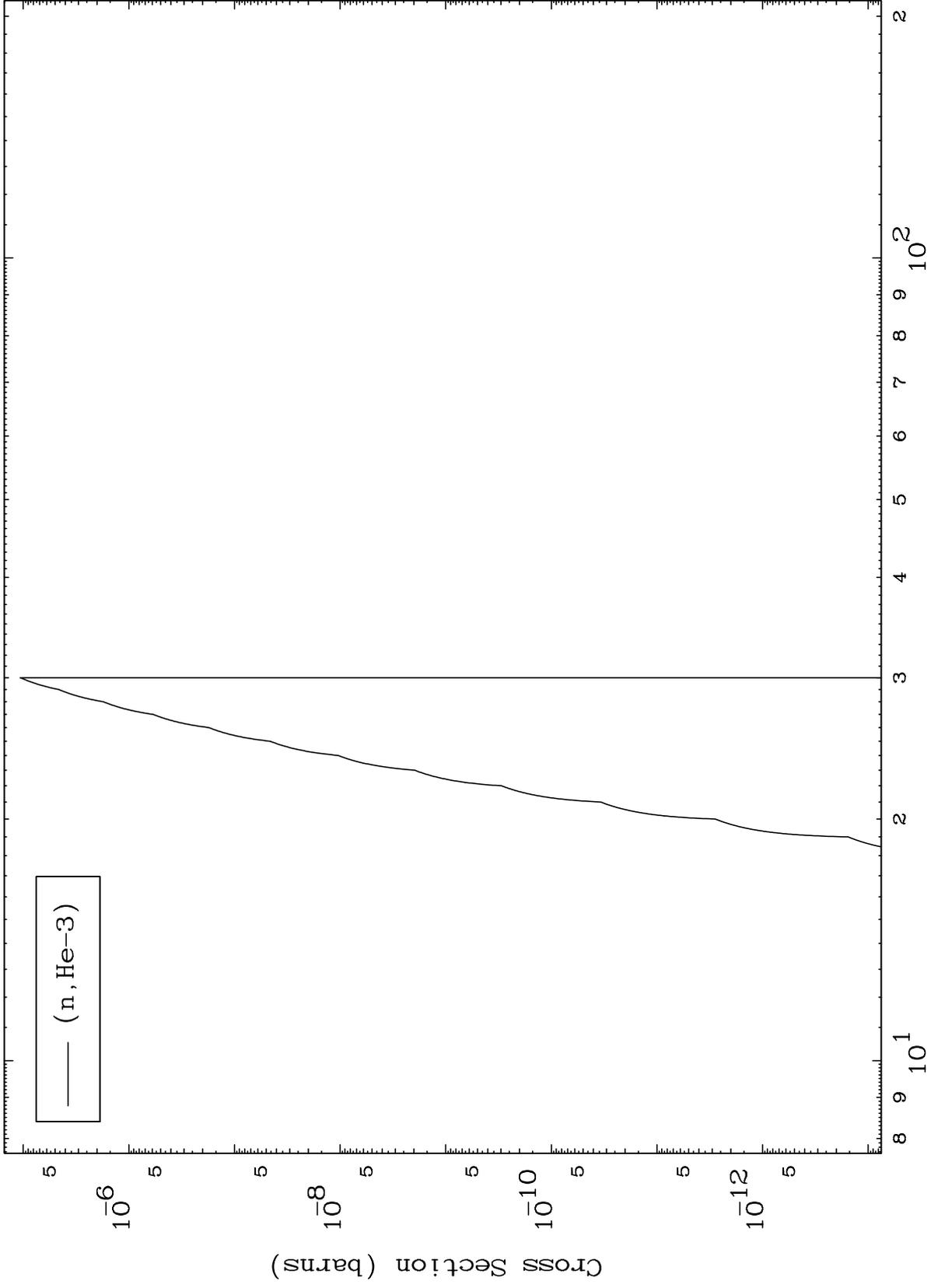
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MAT 8240

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-209



13

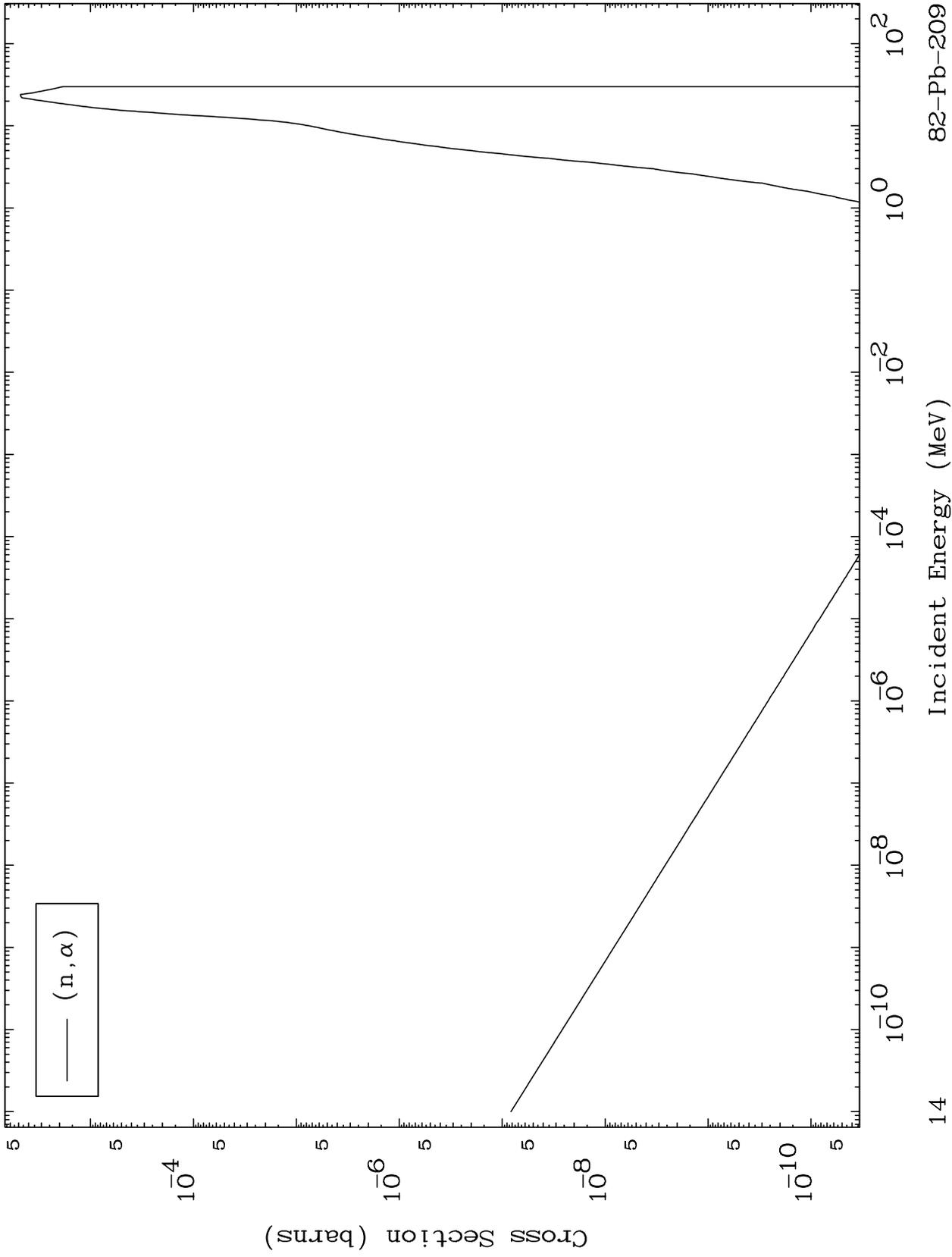
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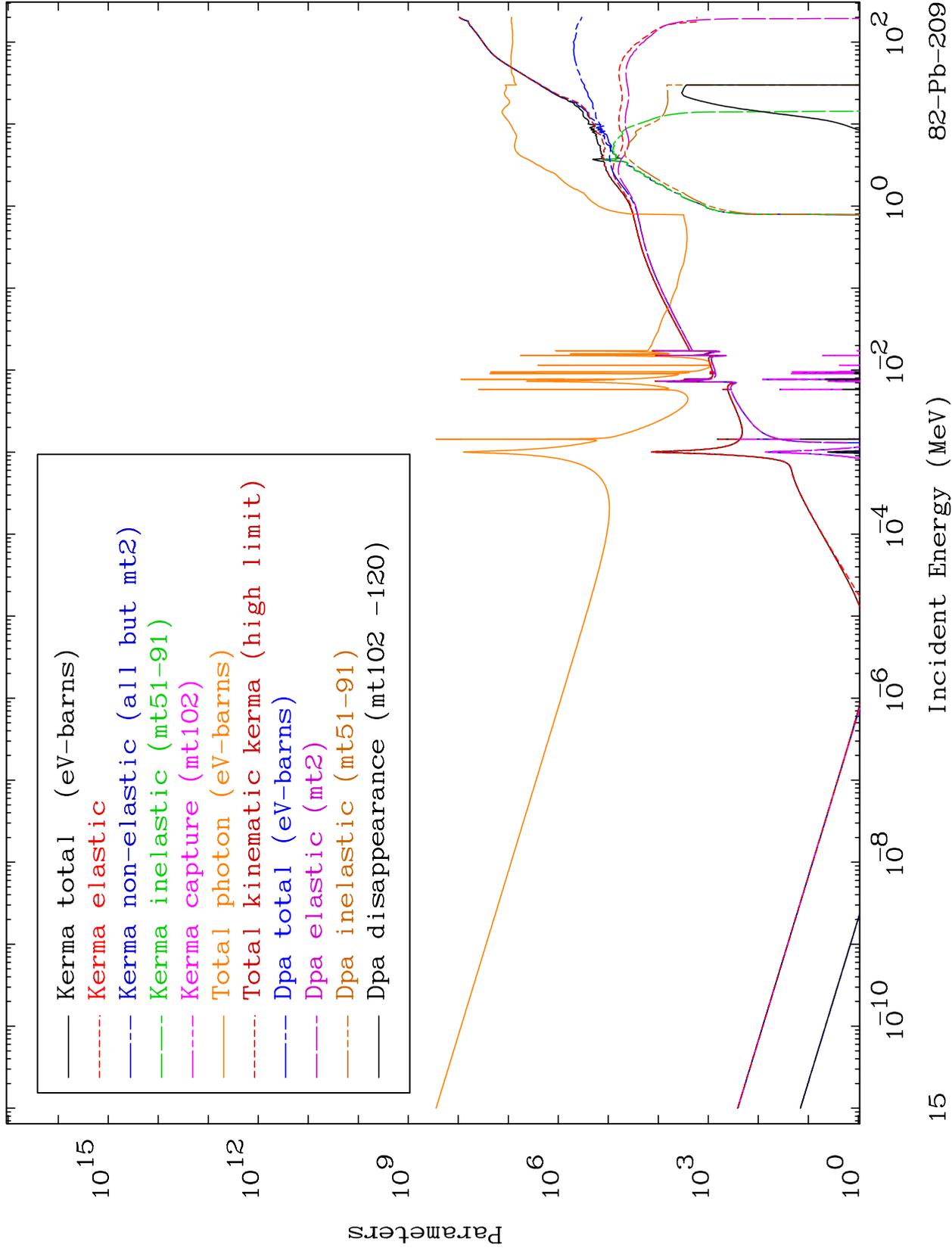
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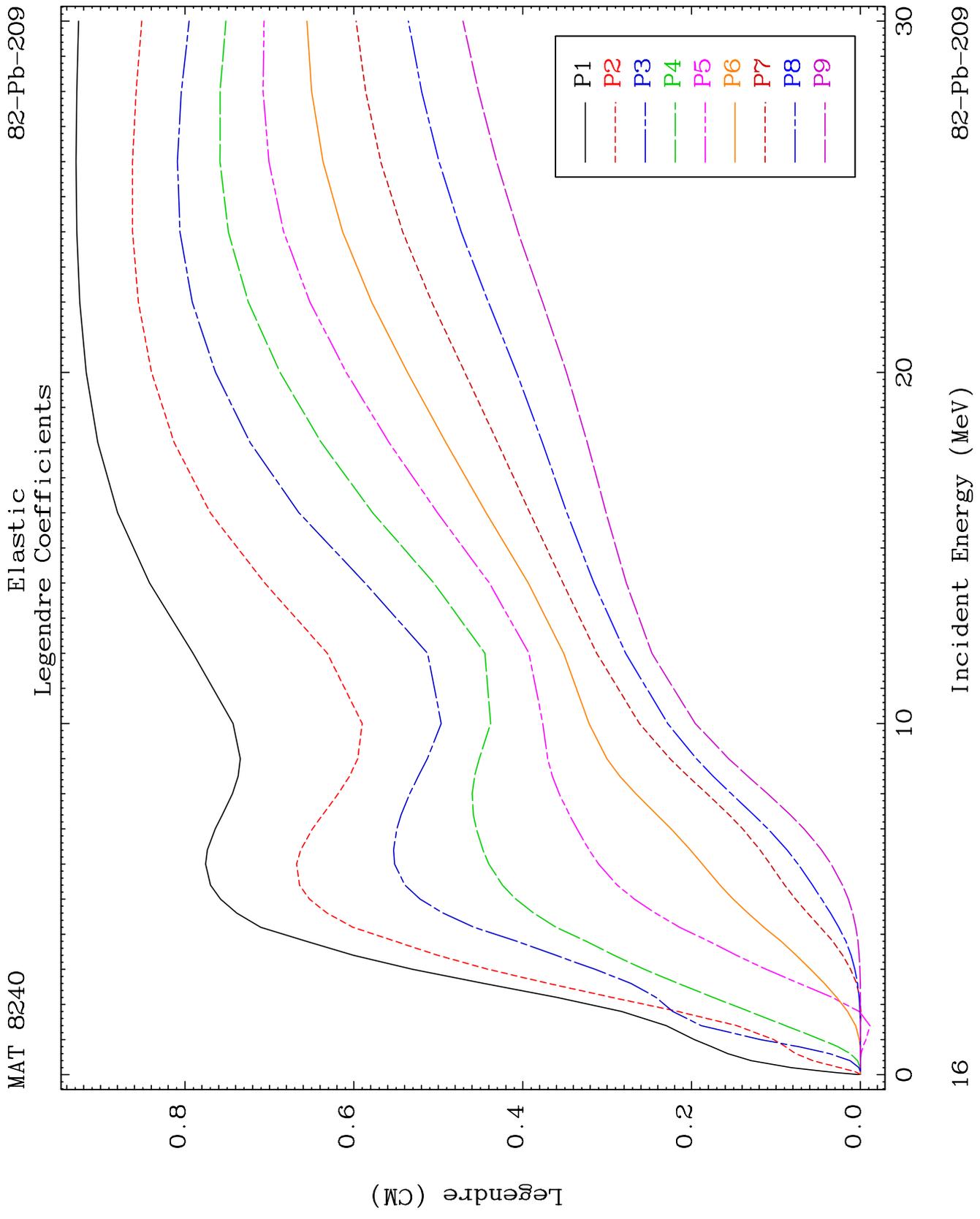
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(n, α) Levels
293 Kelvin Cross Sections

82-Pb-209

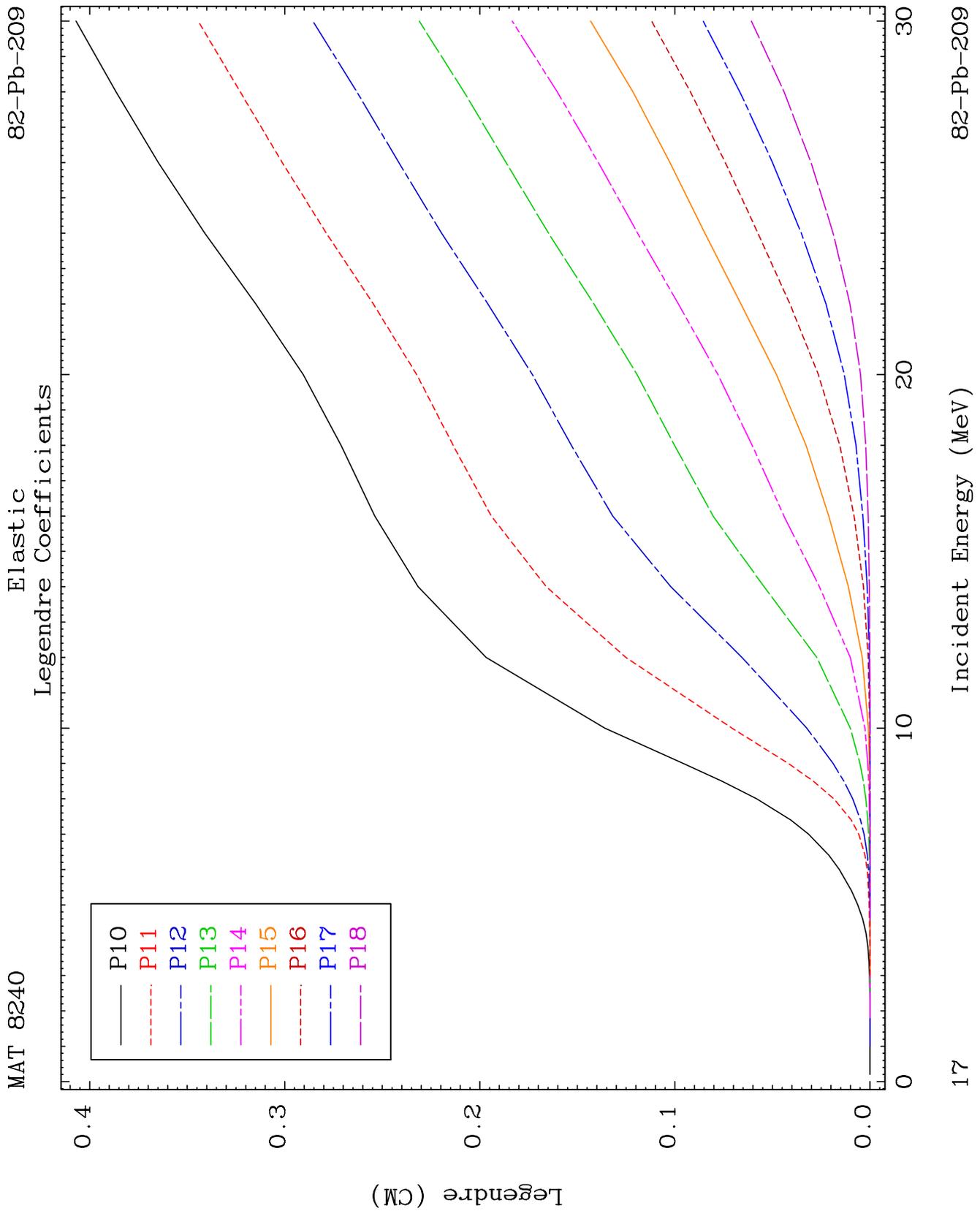






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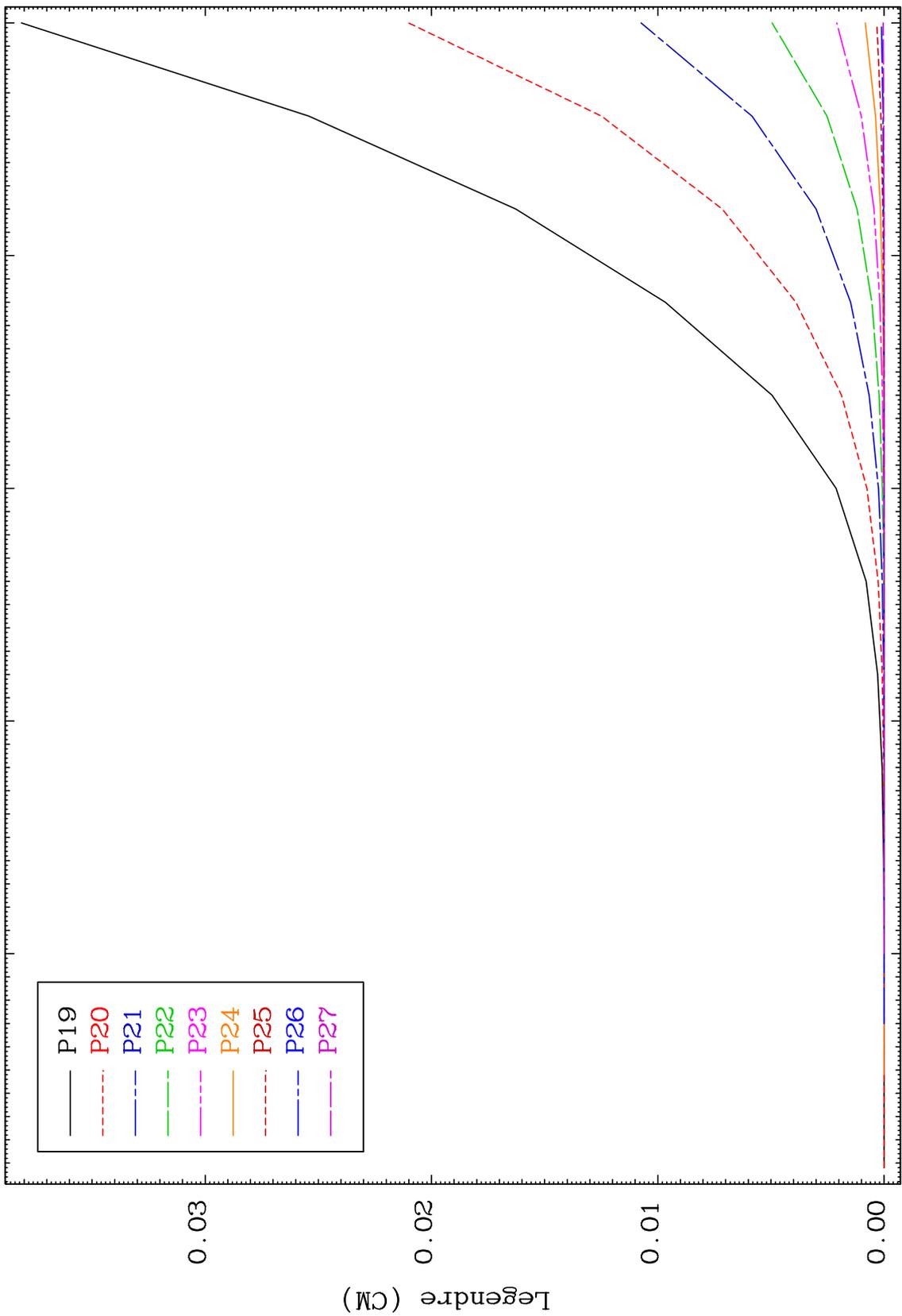
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MAT 8240

Elastic Legendre Coefficients

82-Pb-209



18

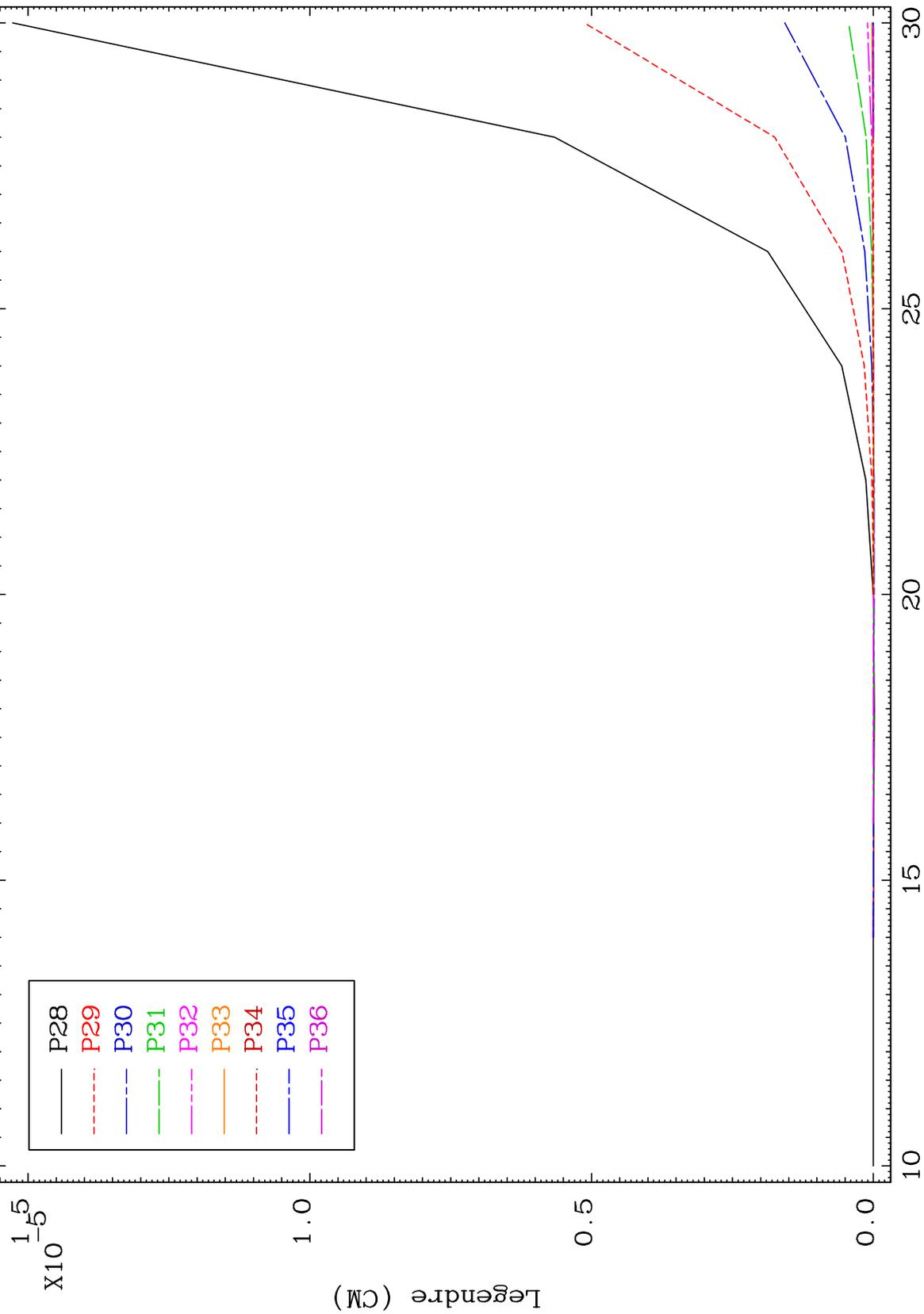
Incident Energy (MeV)

82-Pb-209

MAT 8240

Elastic
Legendre Coefficients

82-Pb-209



19

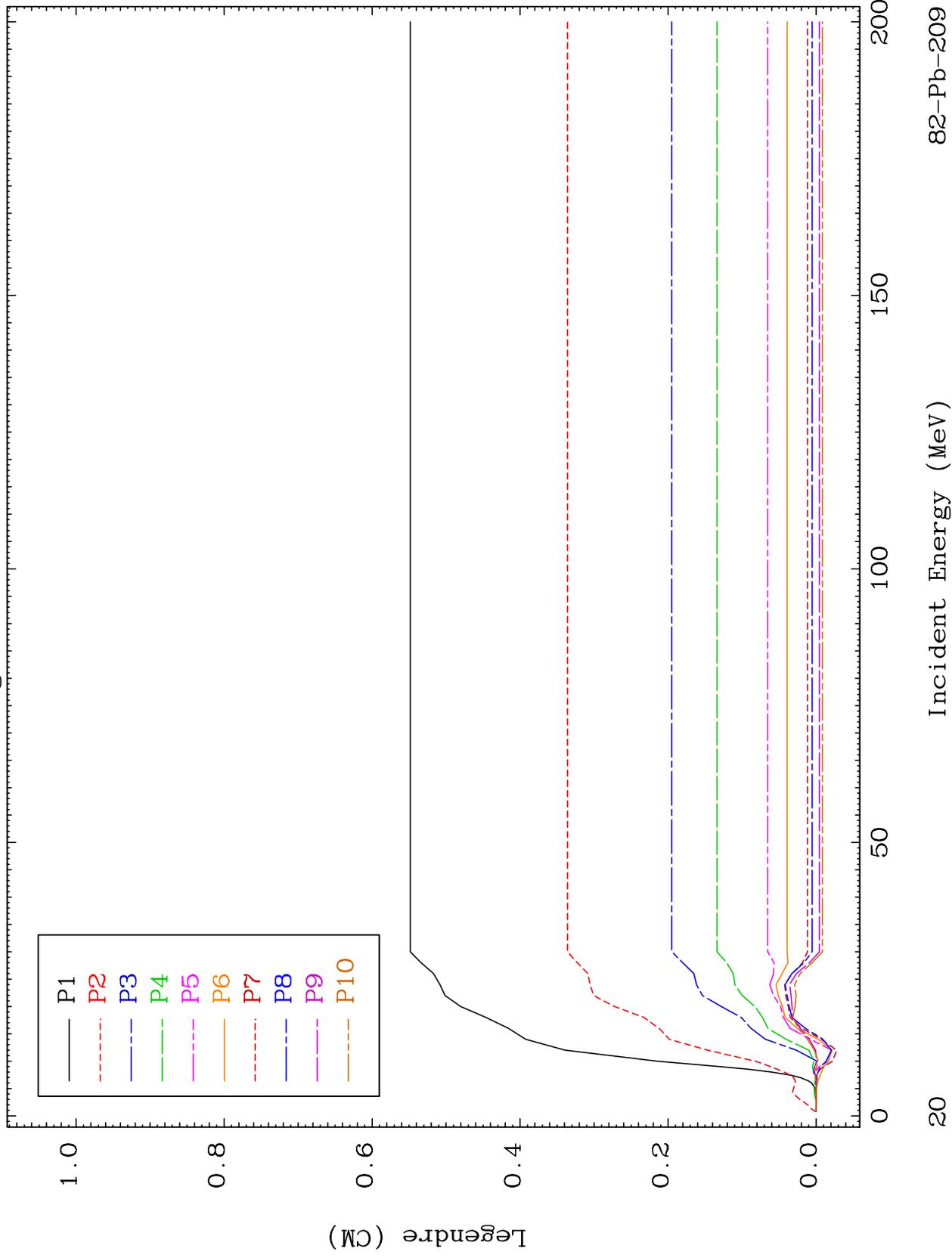
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

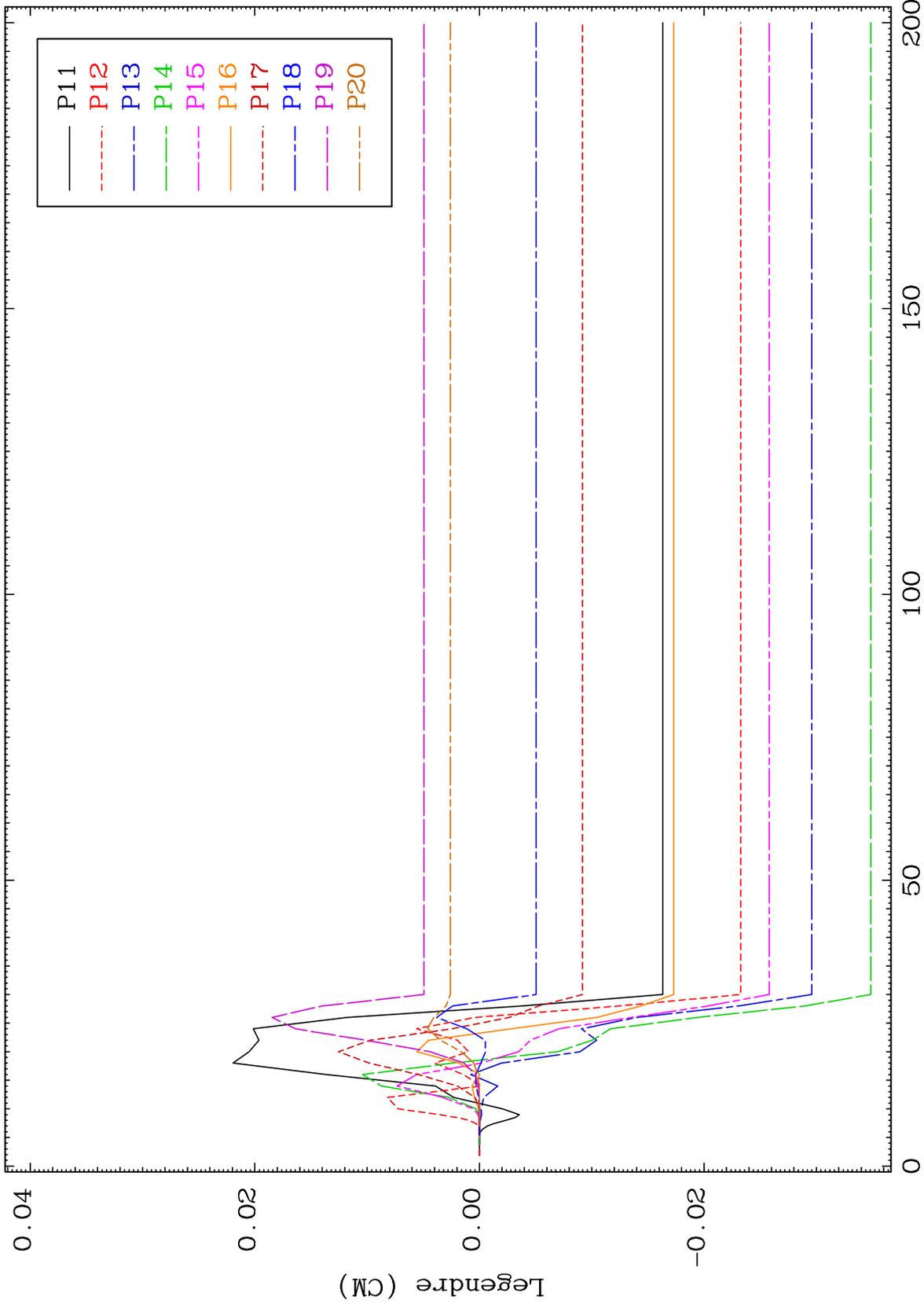
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MAT 8240

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

82-Pb-209



21

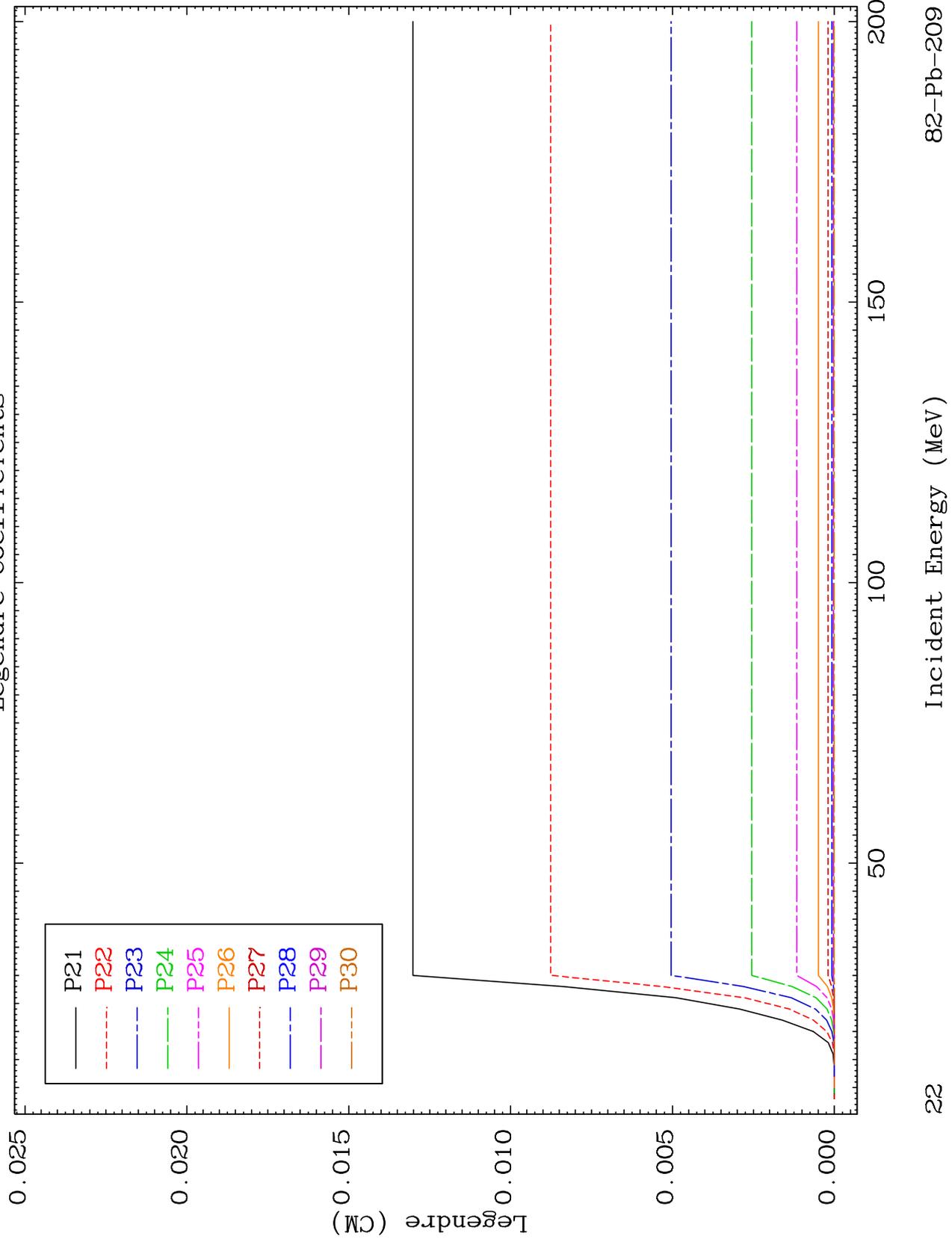
Incident Energy (MeV)

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MAT 8240

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

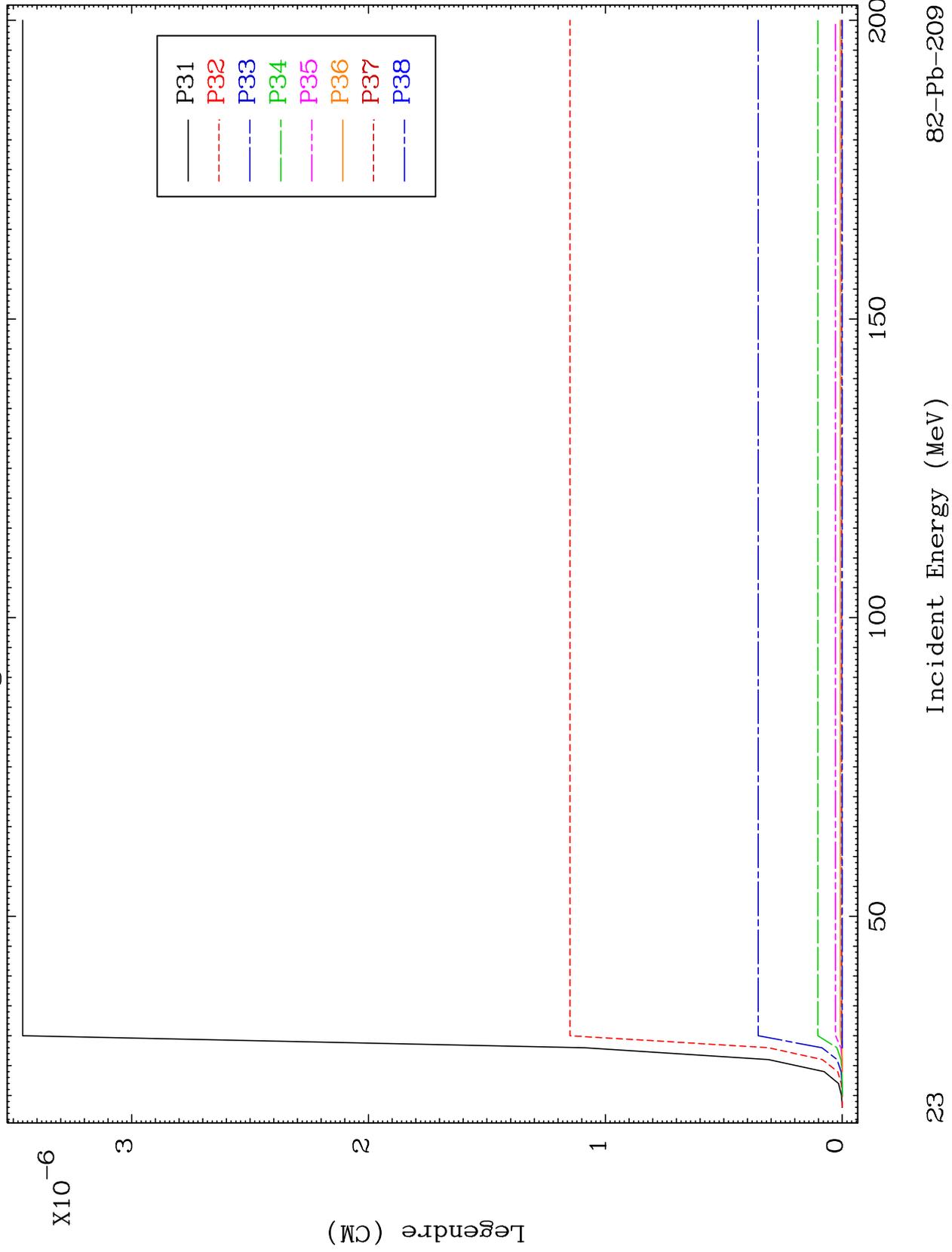
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MAT 8240

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

82-Pb-209



23

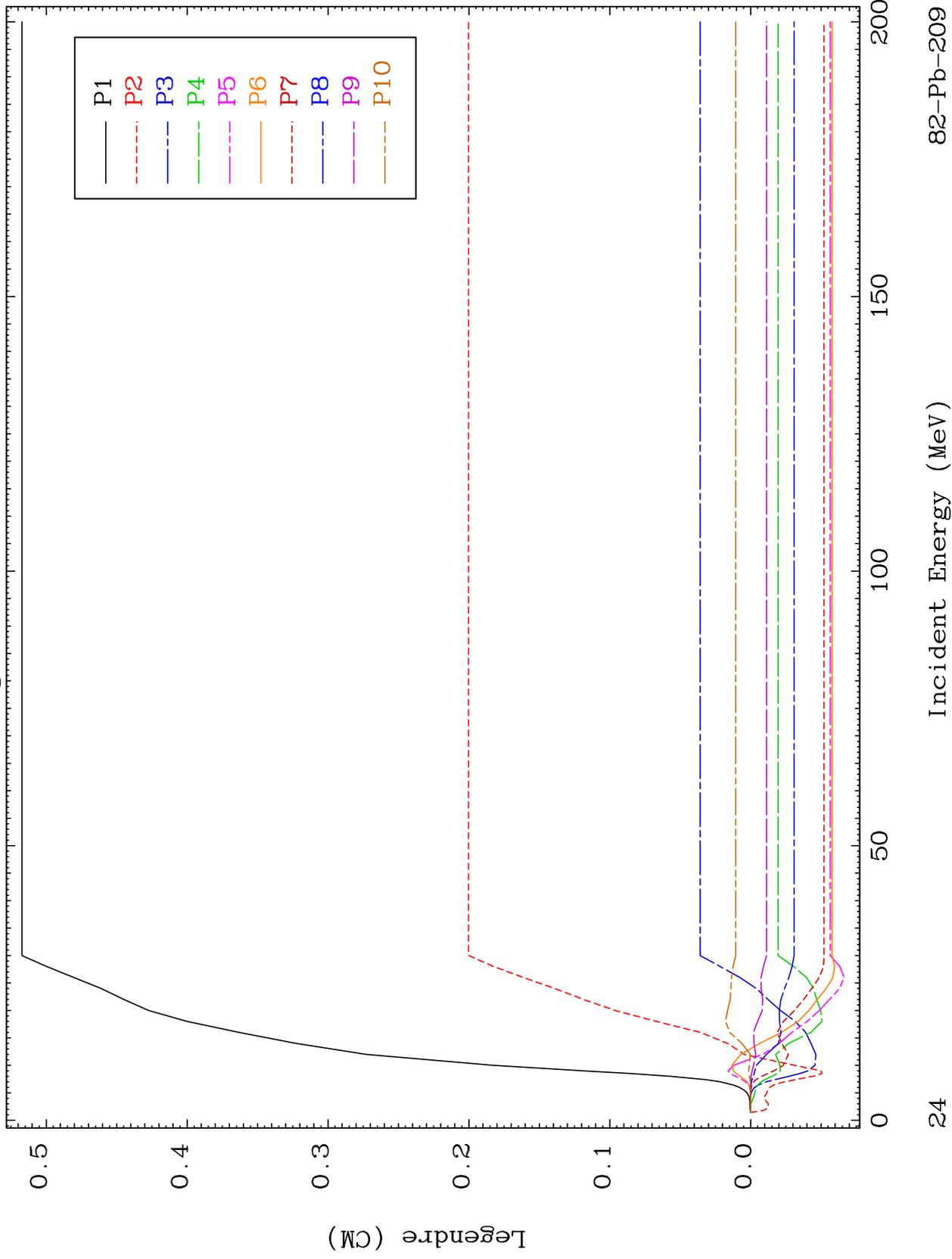
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



24

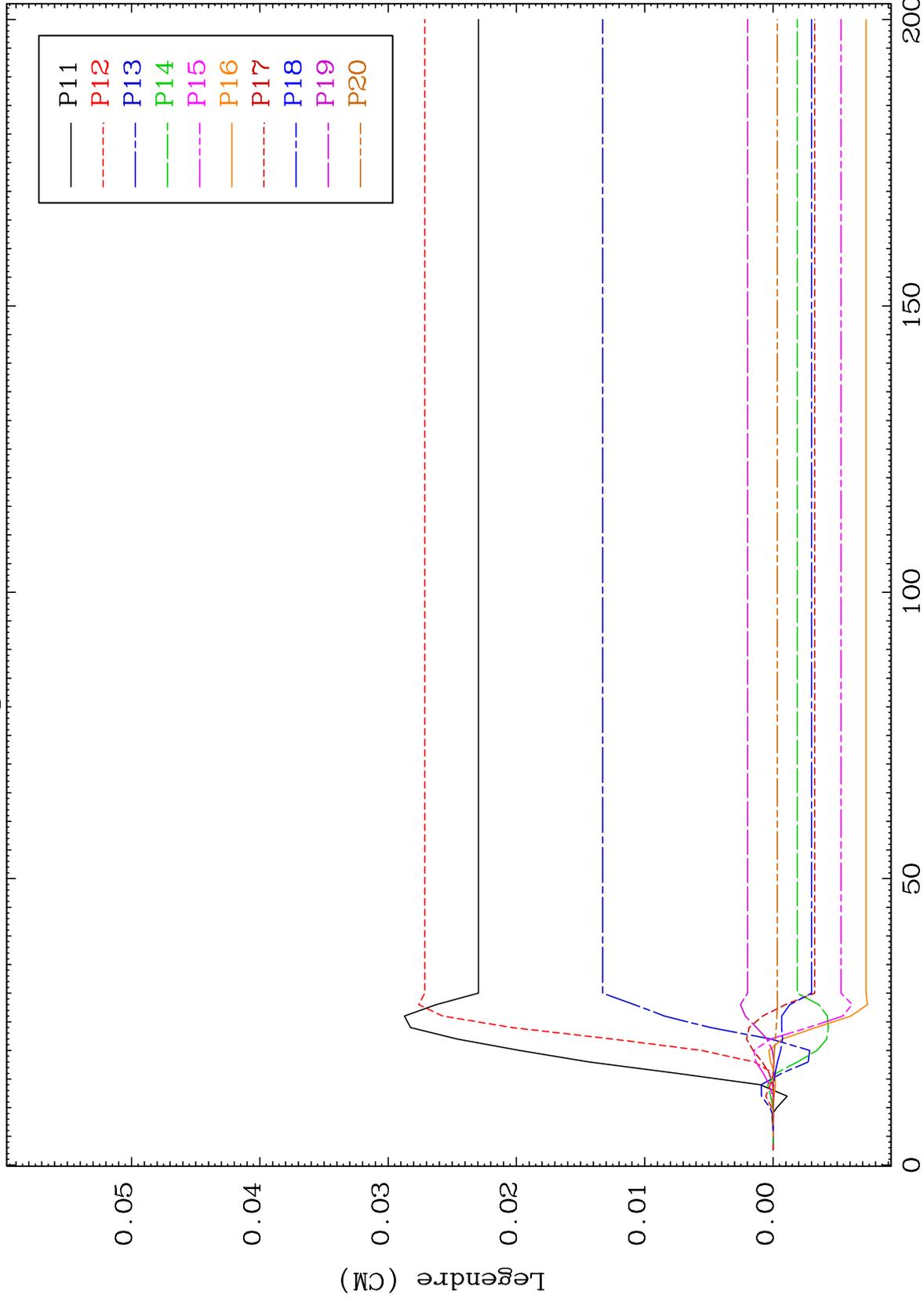
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



25

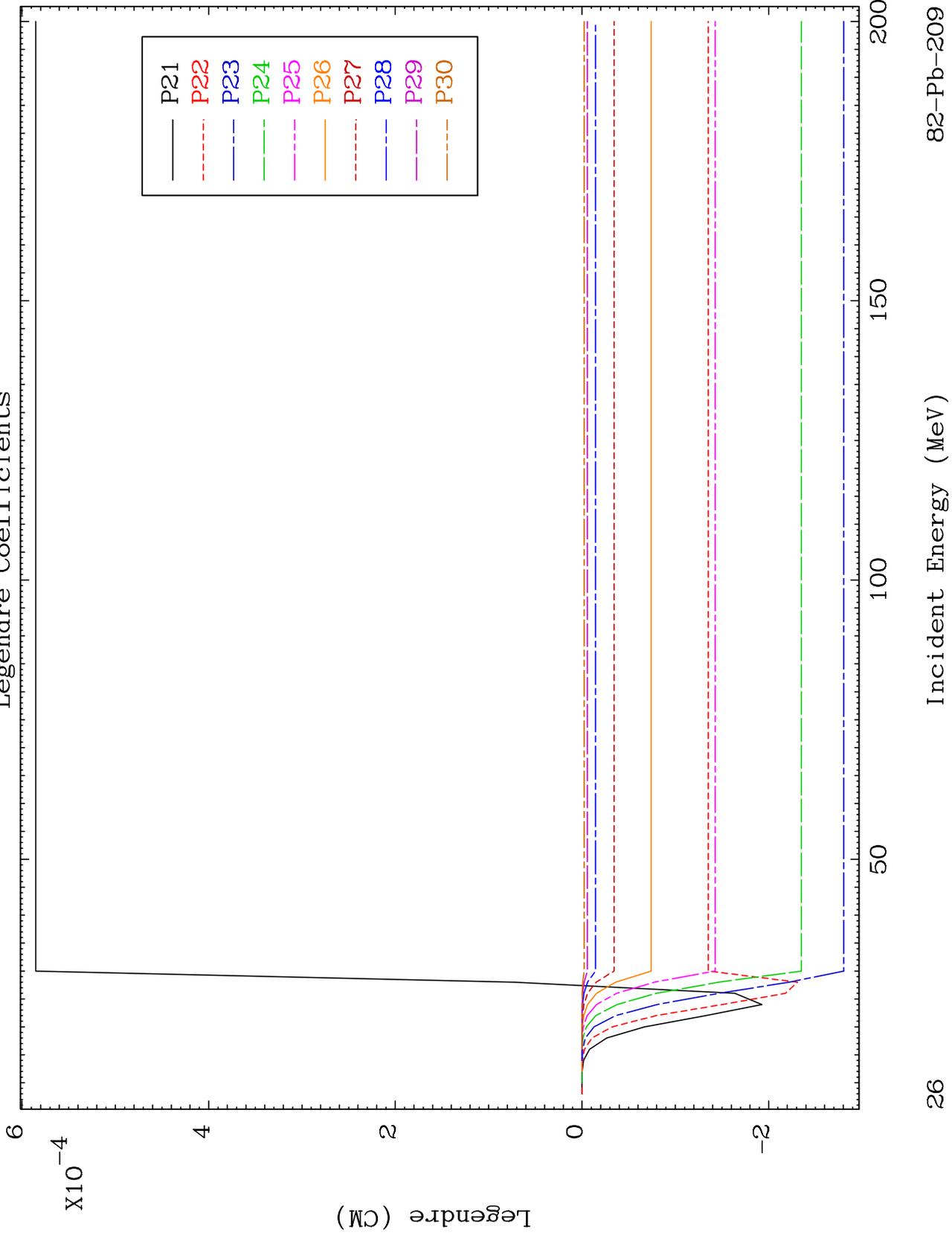
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

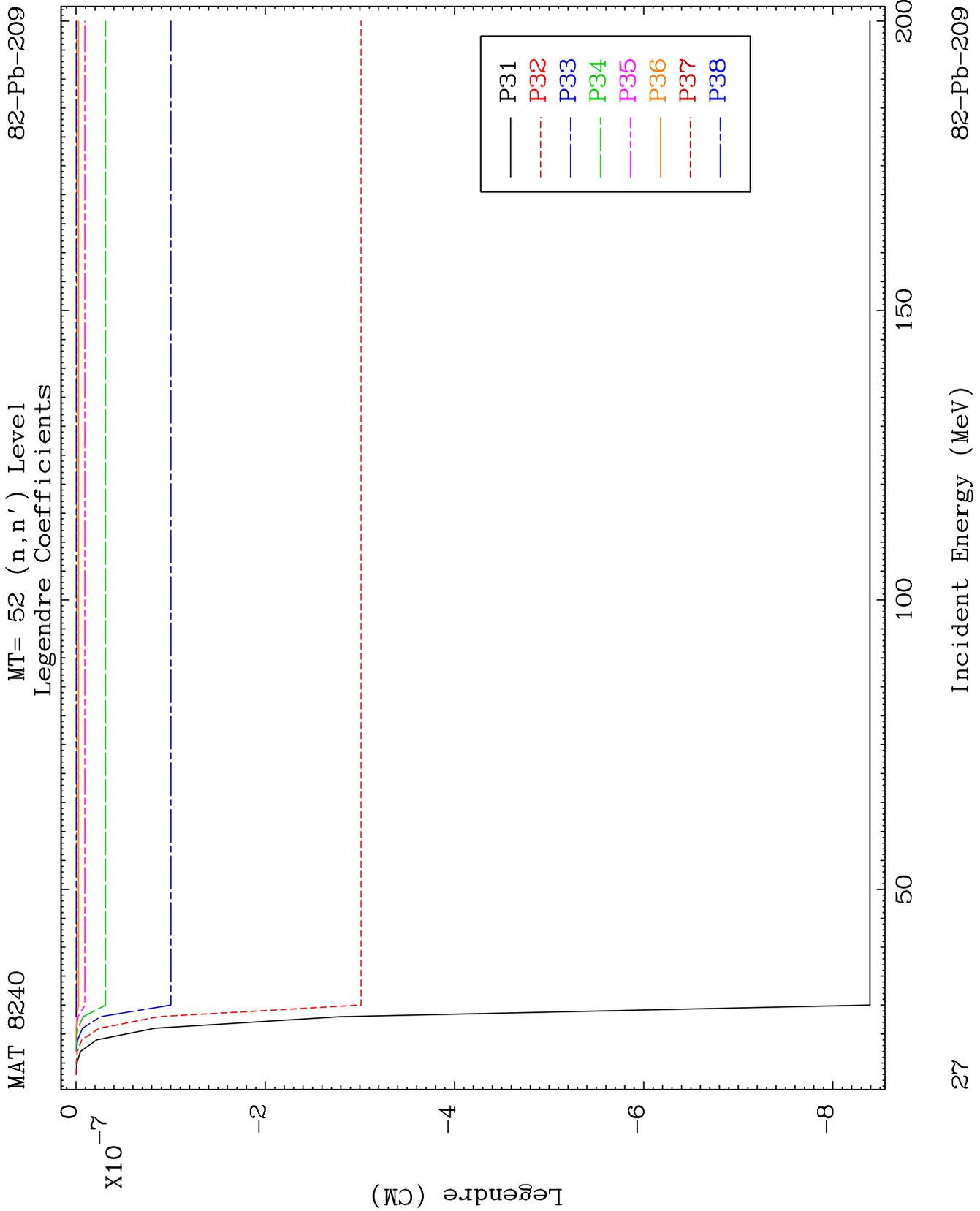
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26

Incident Energy (MeV)

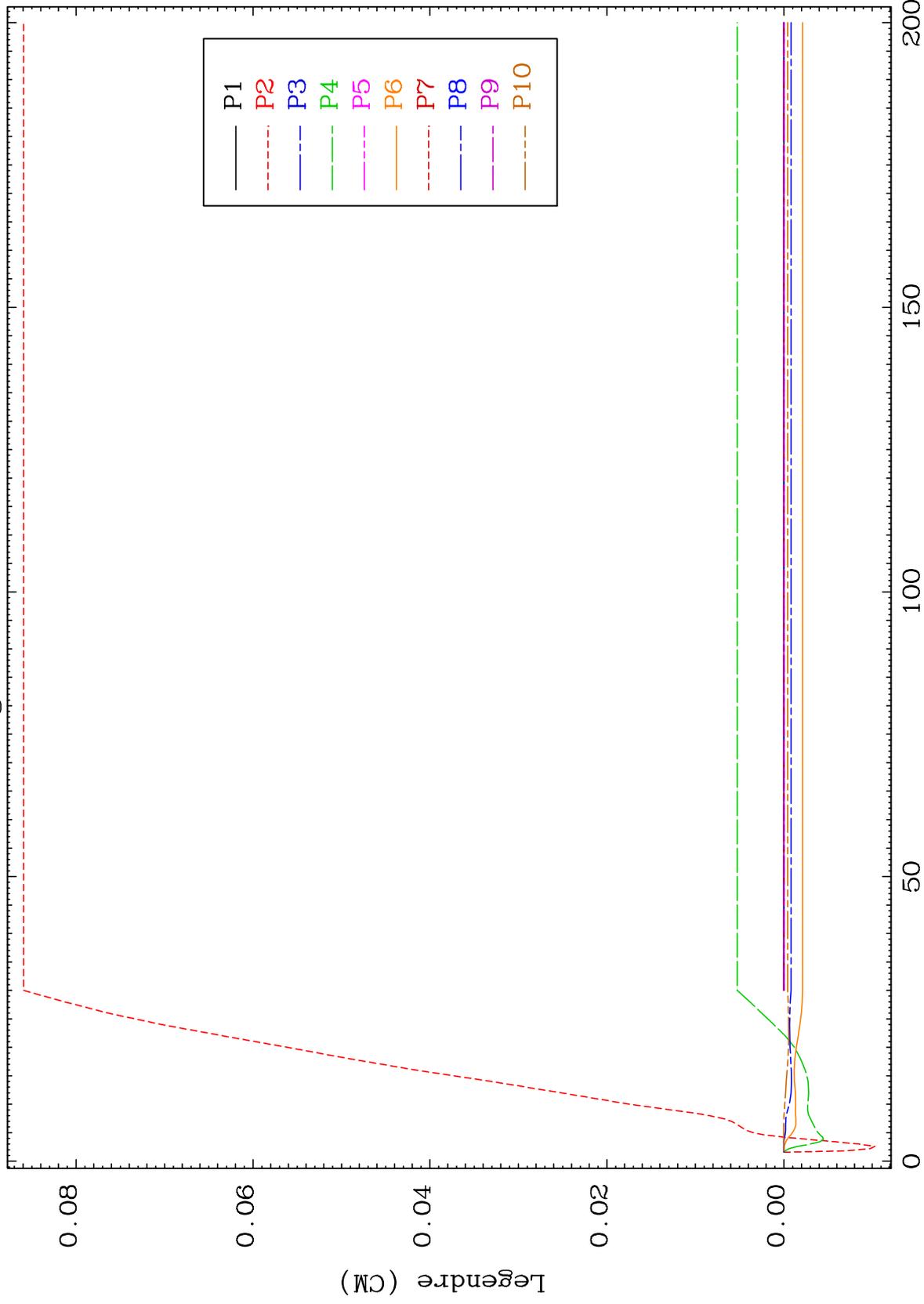
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MAT 8240

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

82-Pb-209



82-Pb-209

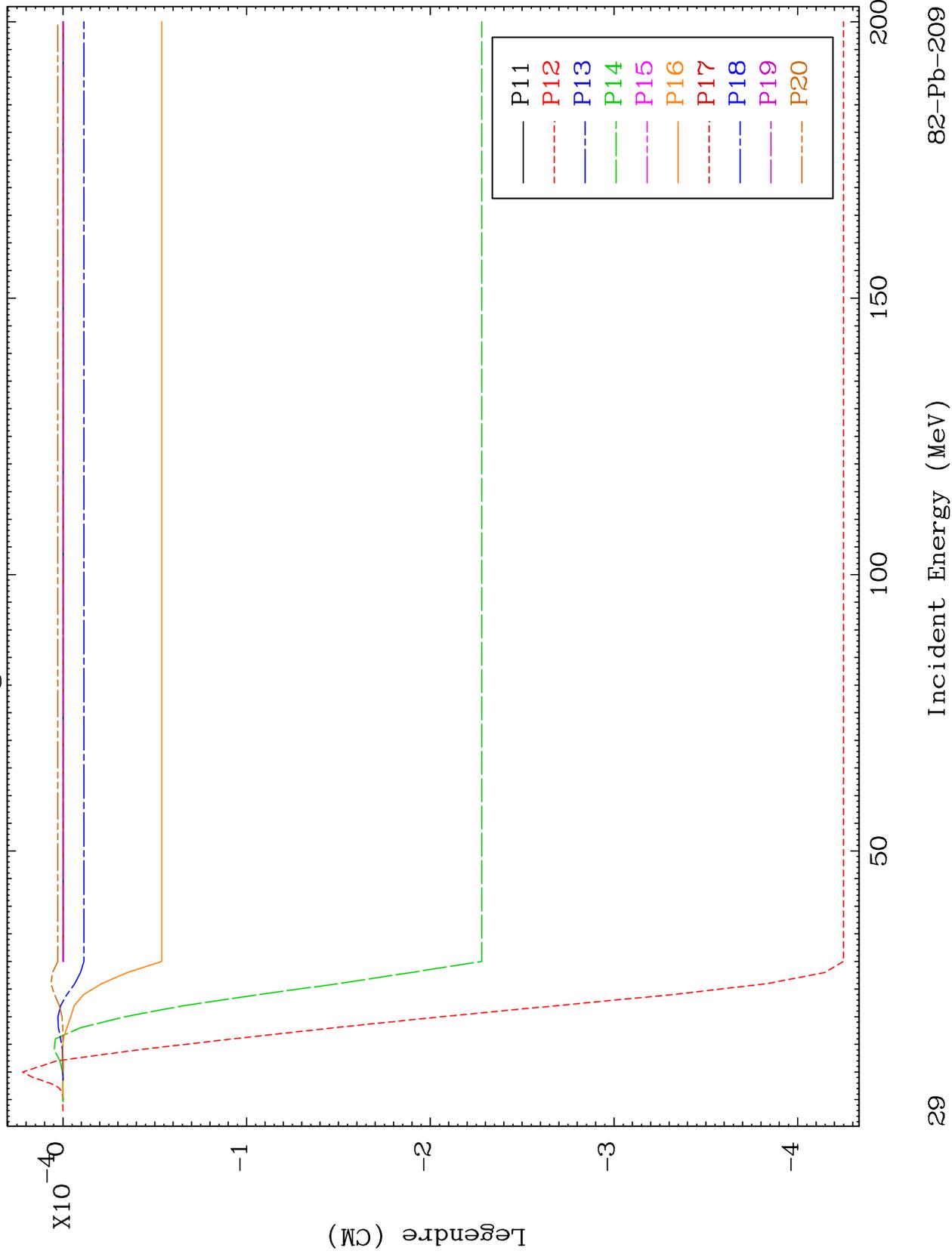
Incident Energy (MeV)

28

MAT 8240

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

82-Pb-209



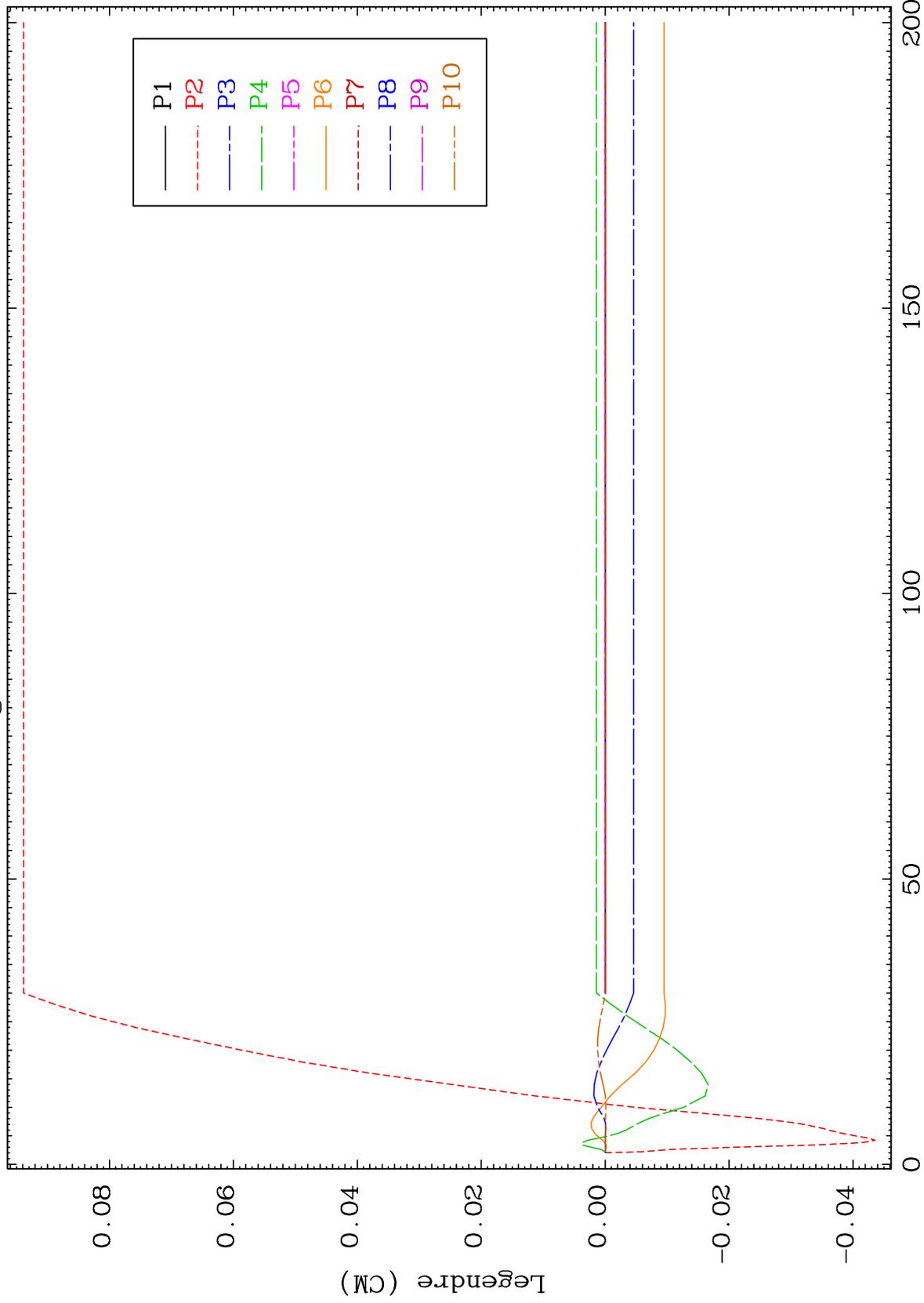
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82-Pb-209

MAT 8240

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

82-Pb-209



31

Incident Energy (MeV)

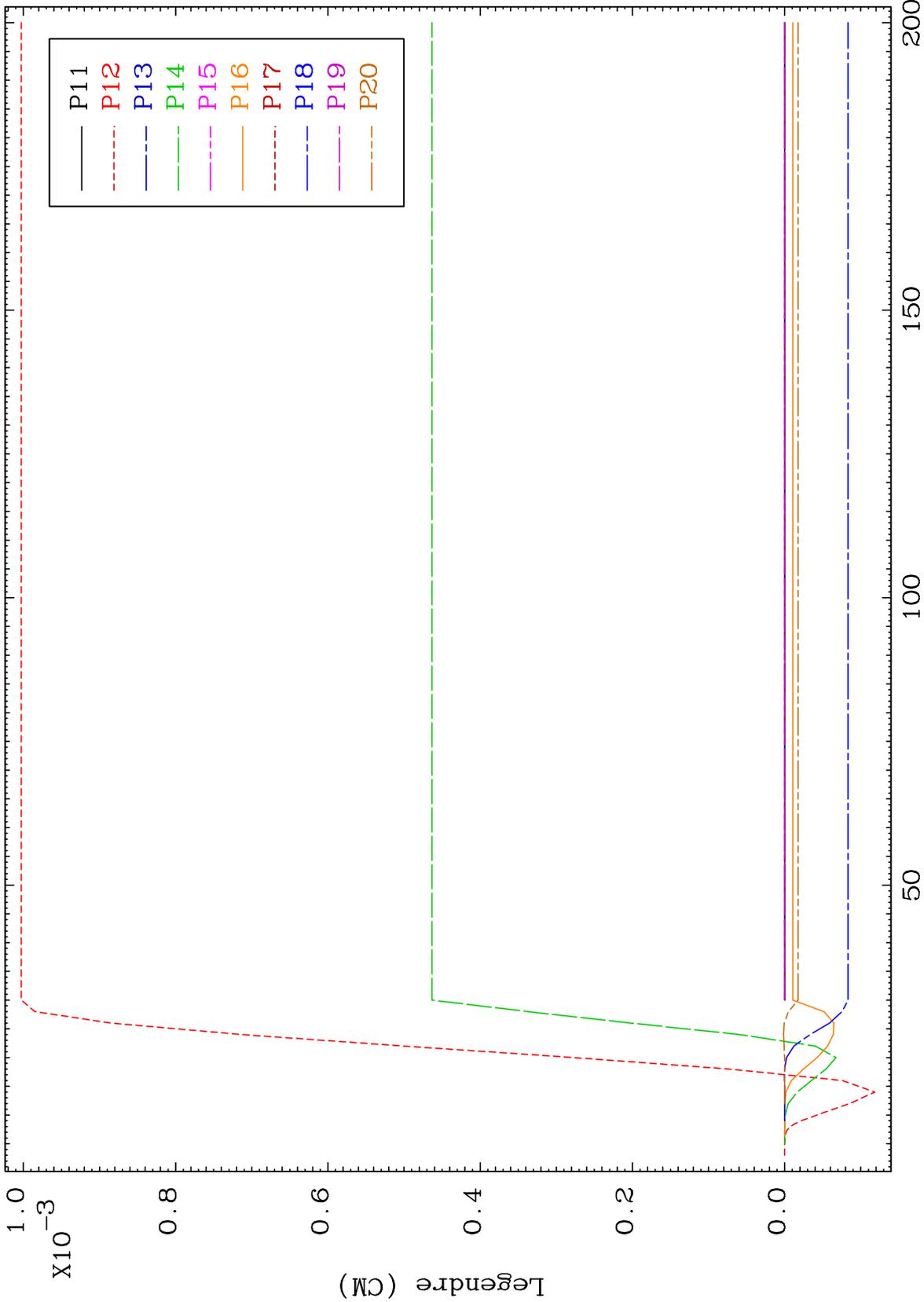
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MAT 8240

MT= 54 (n,n') Level

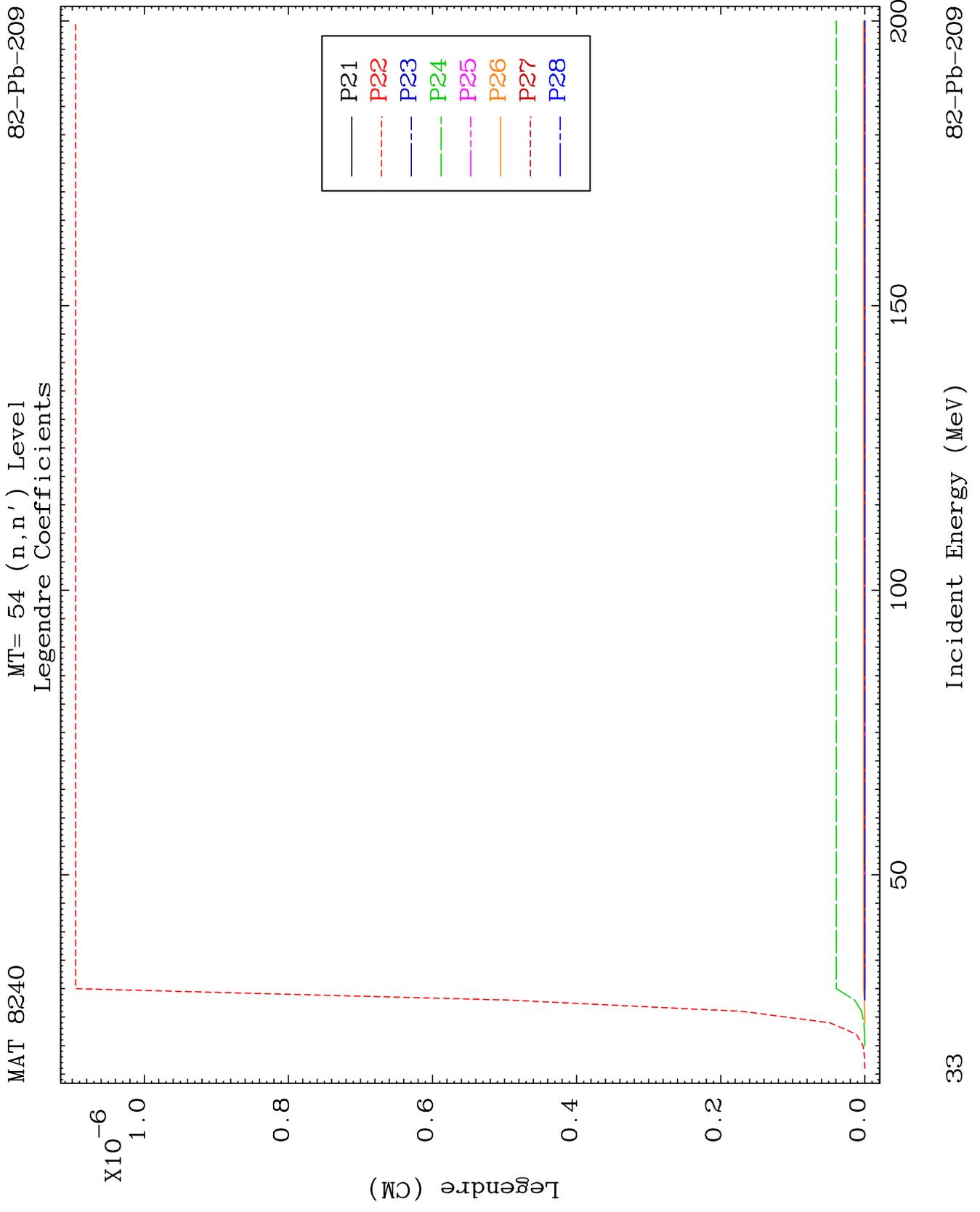
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Legendre Coefficients



32

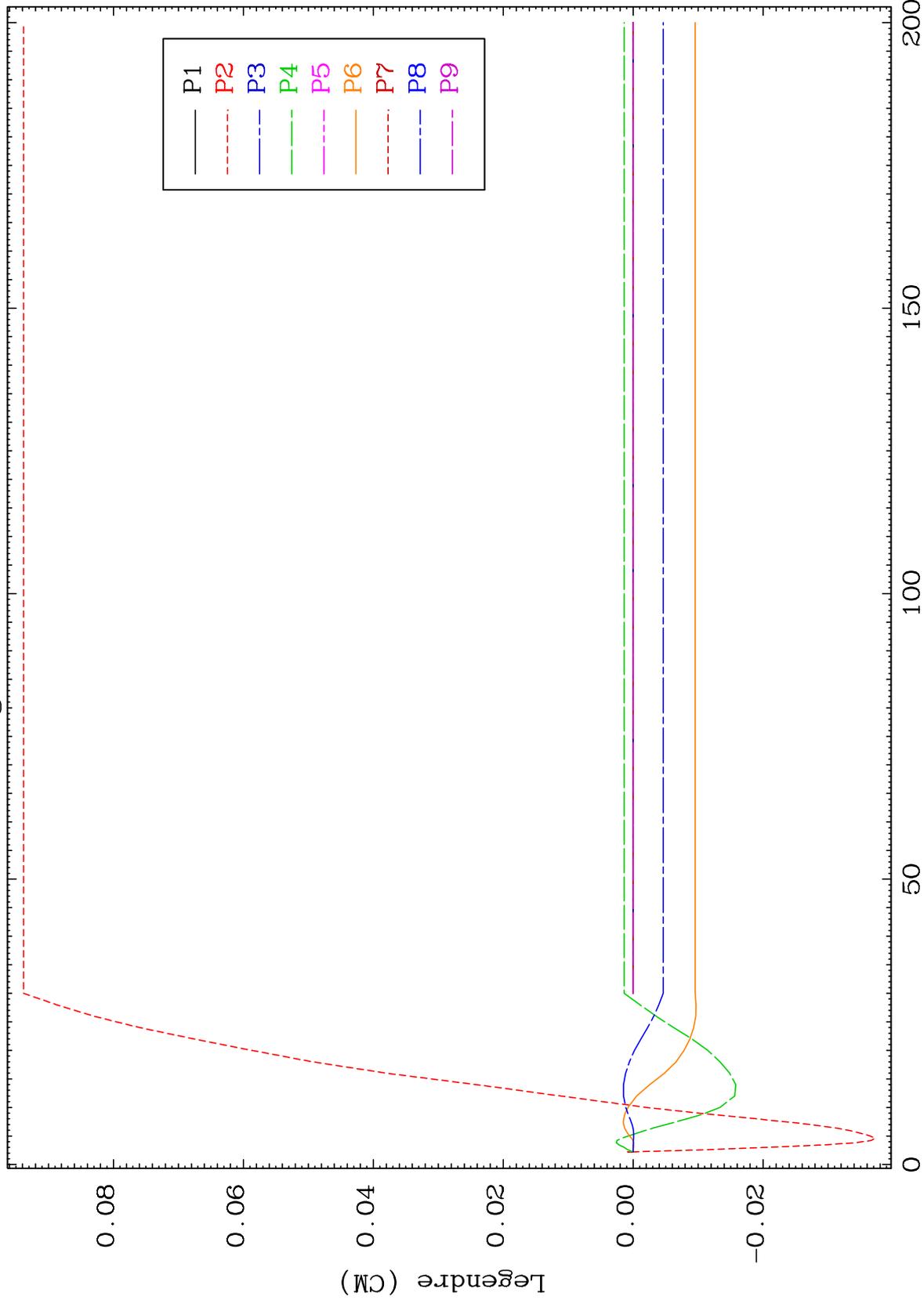
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MAT 8240

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

82-Pb-209



34

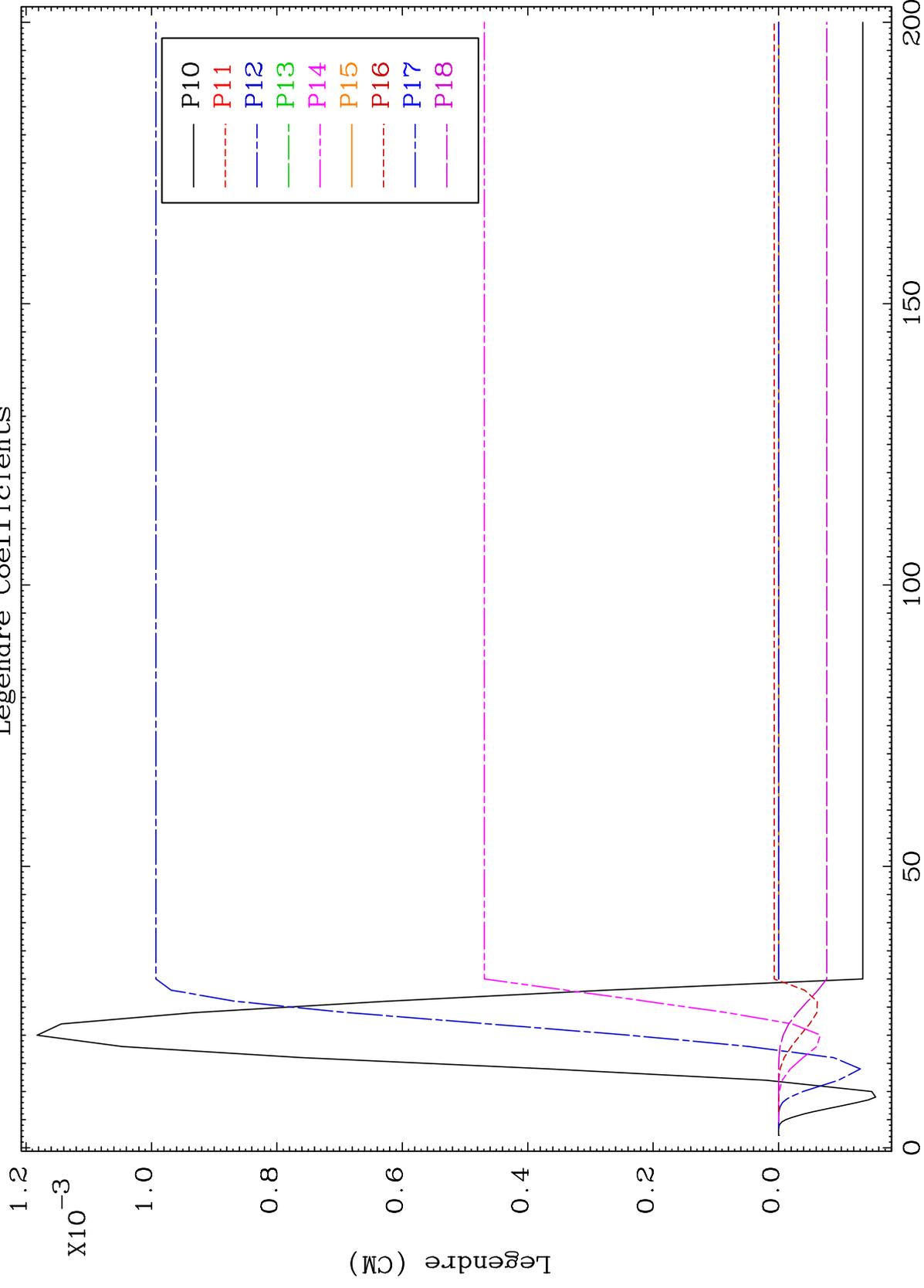
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MAT 8240

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

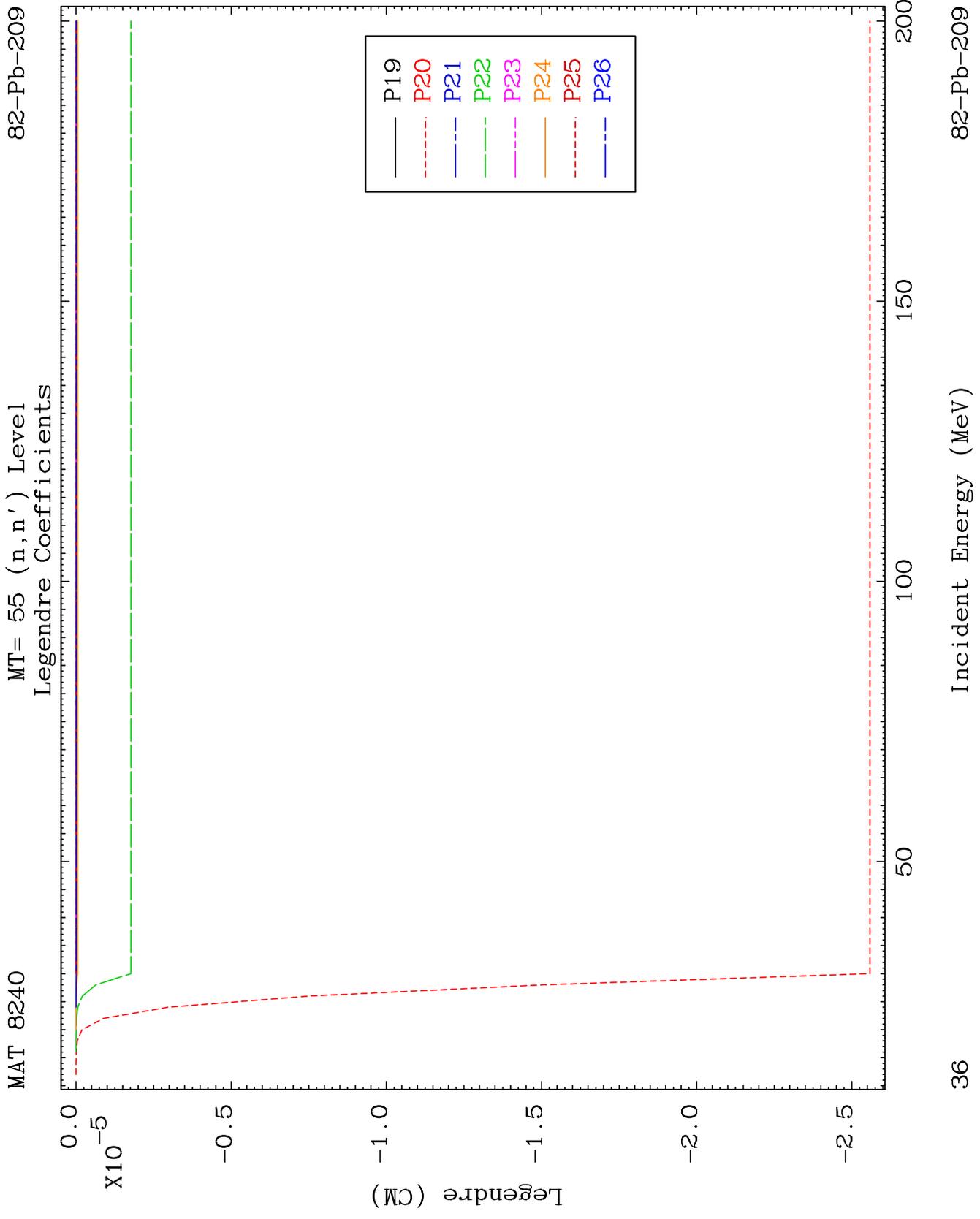
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35

Incident Energy (MeV)

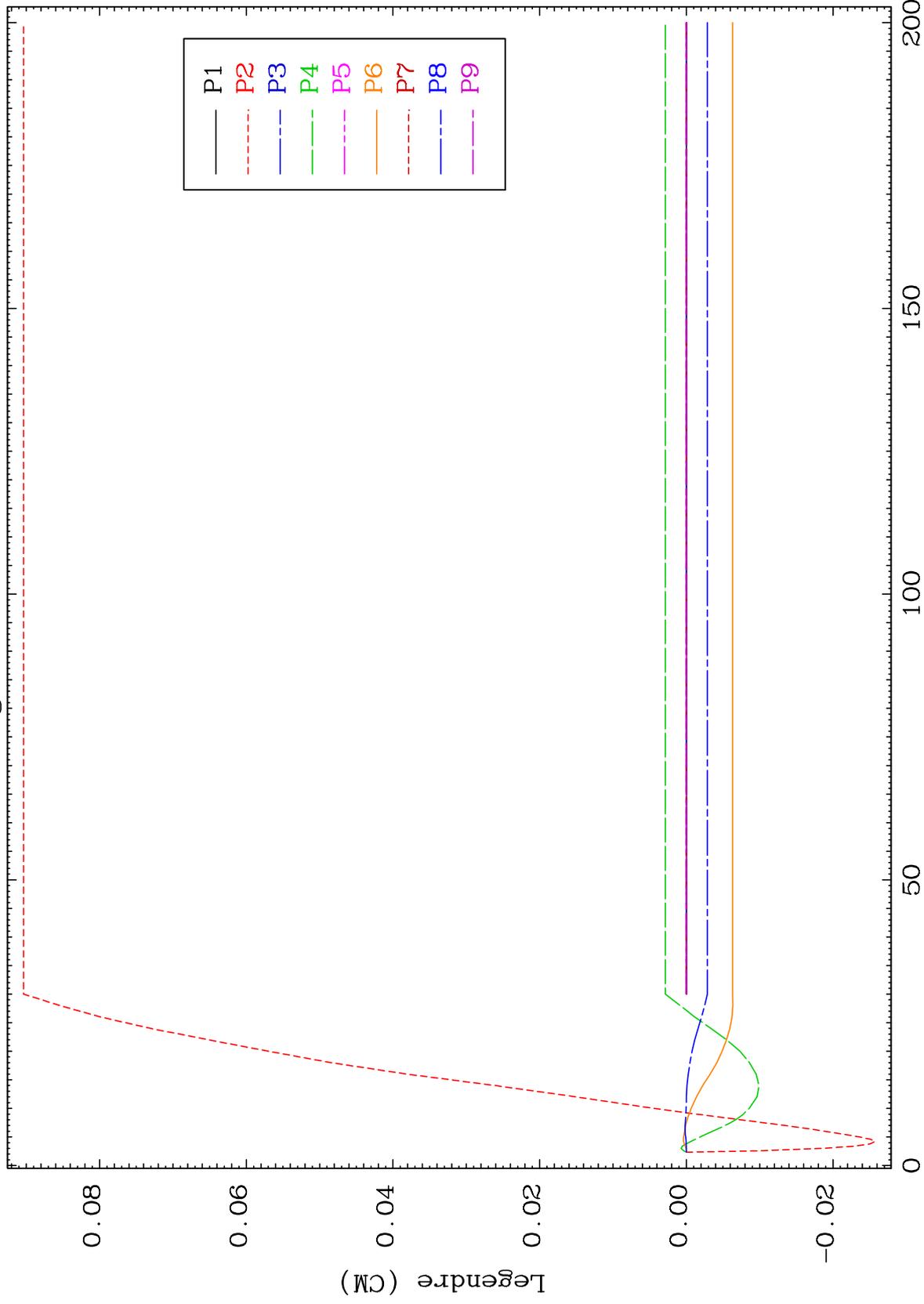
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MAT 8240

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

82-Pb-209



37

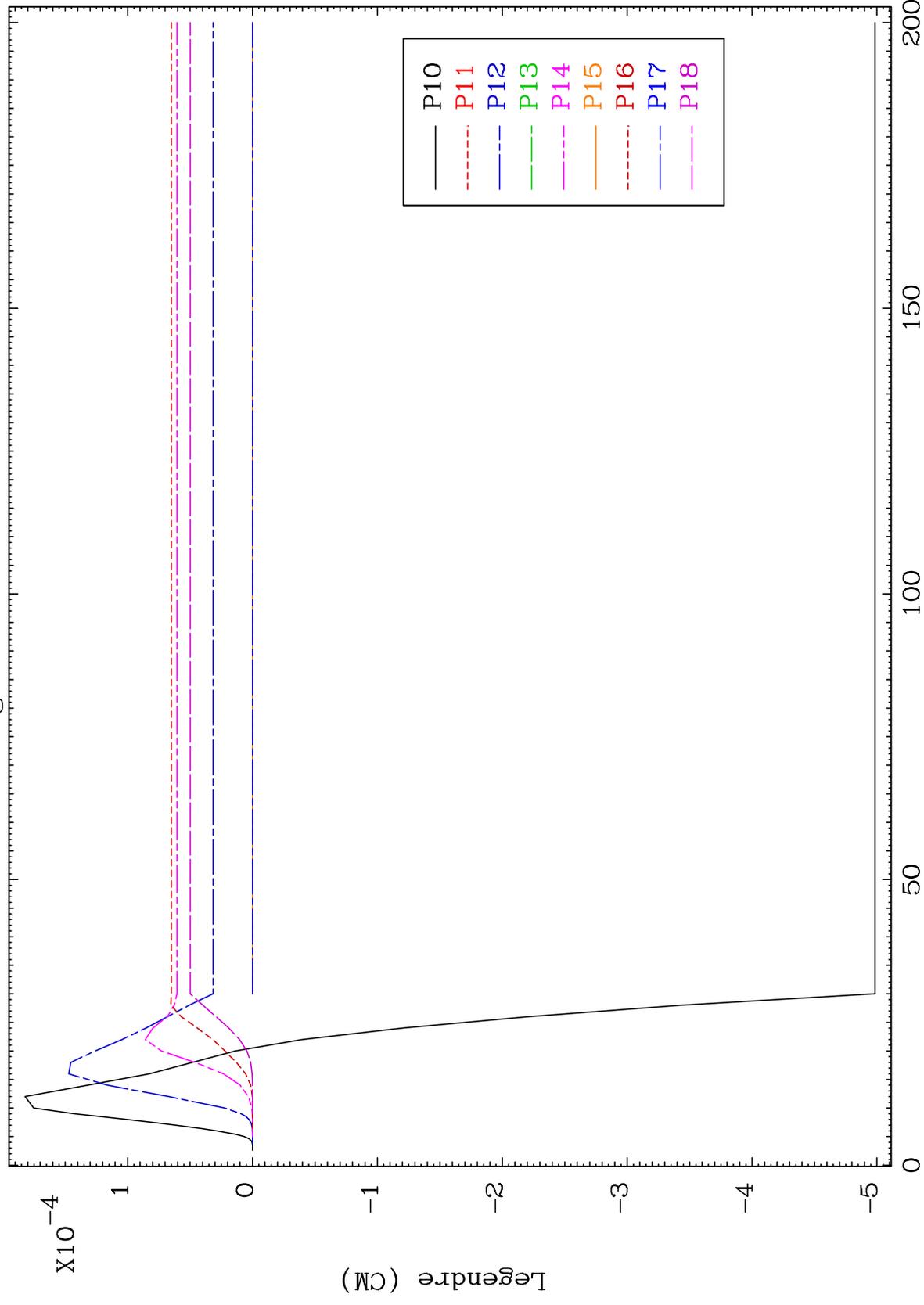
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



38

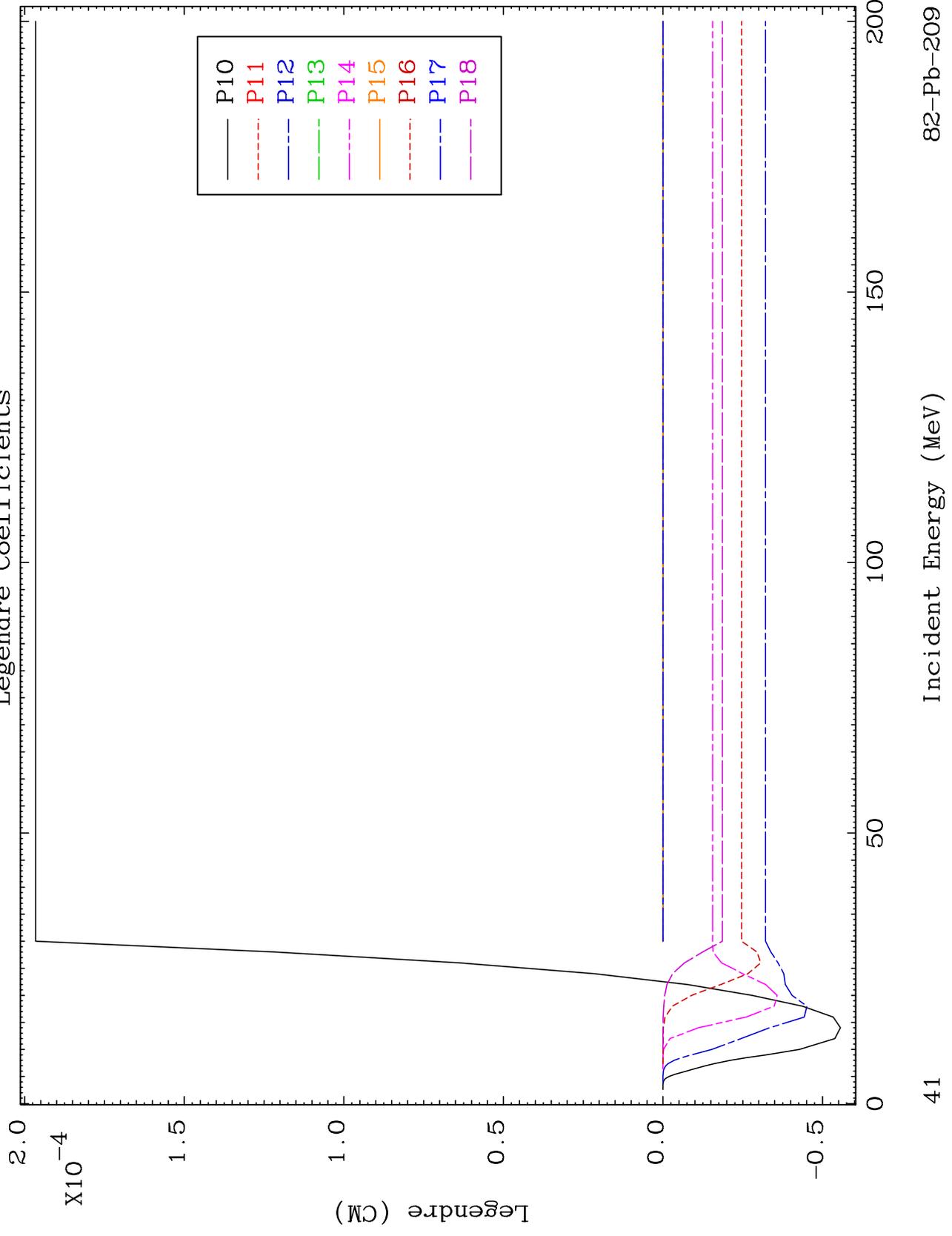
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

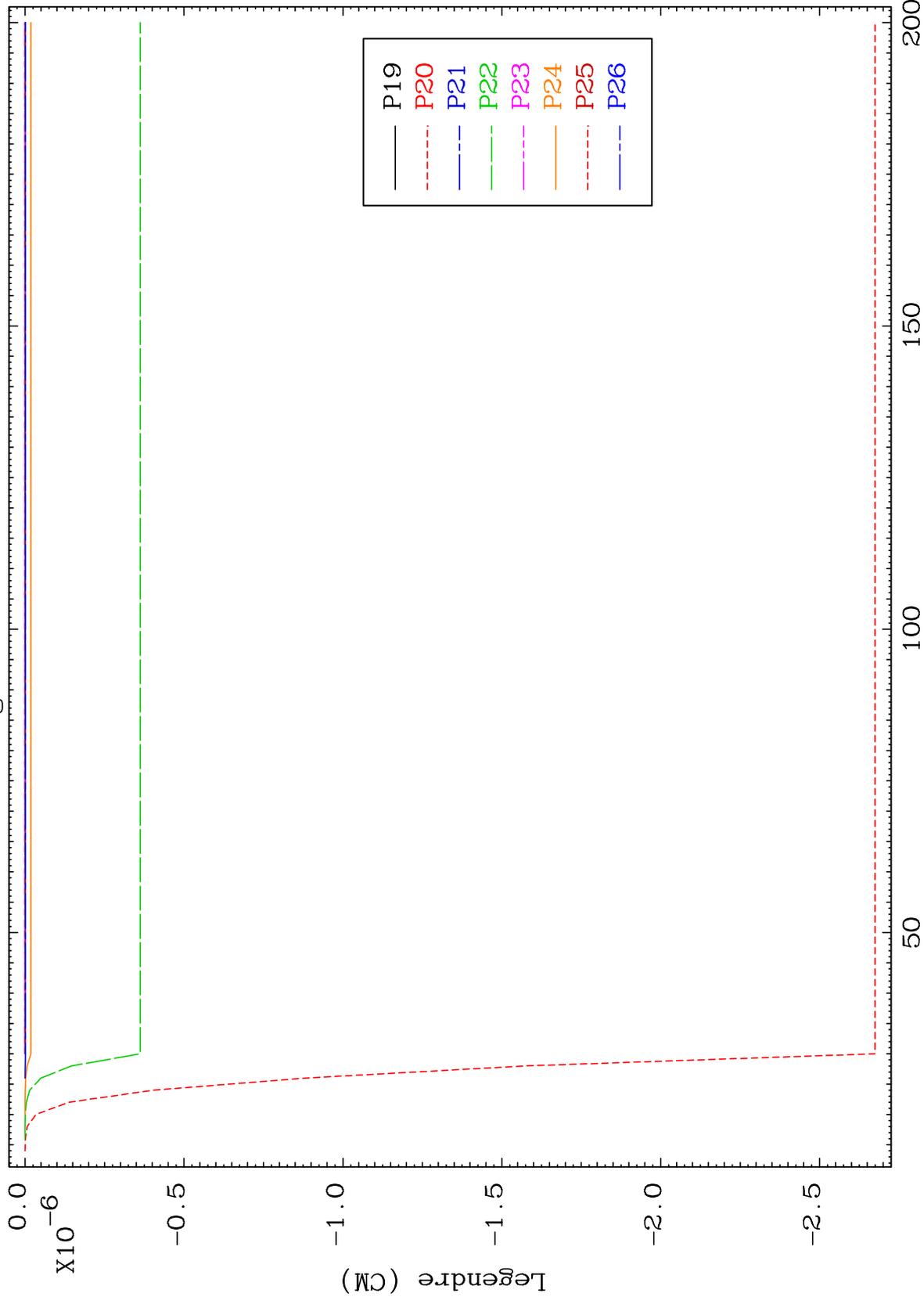
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MAT 8240

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

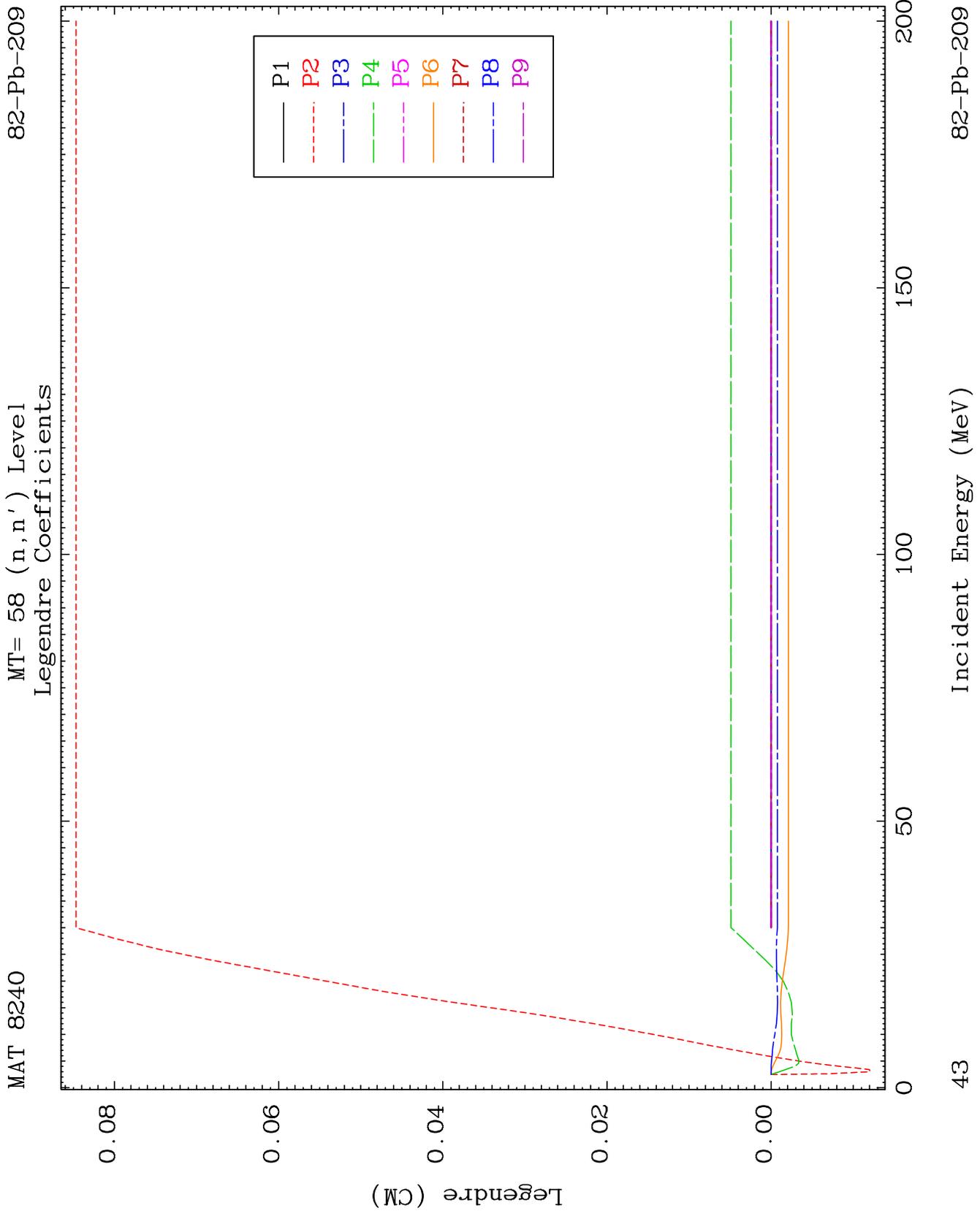
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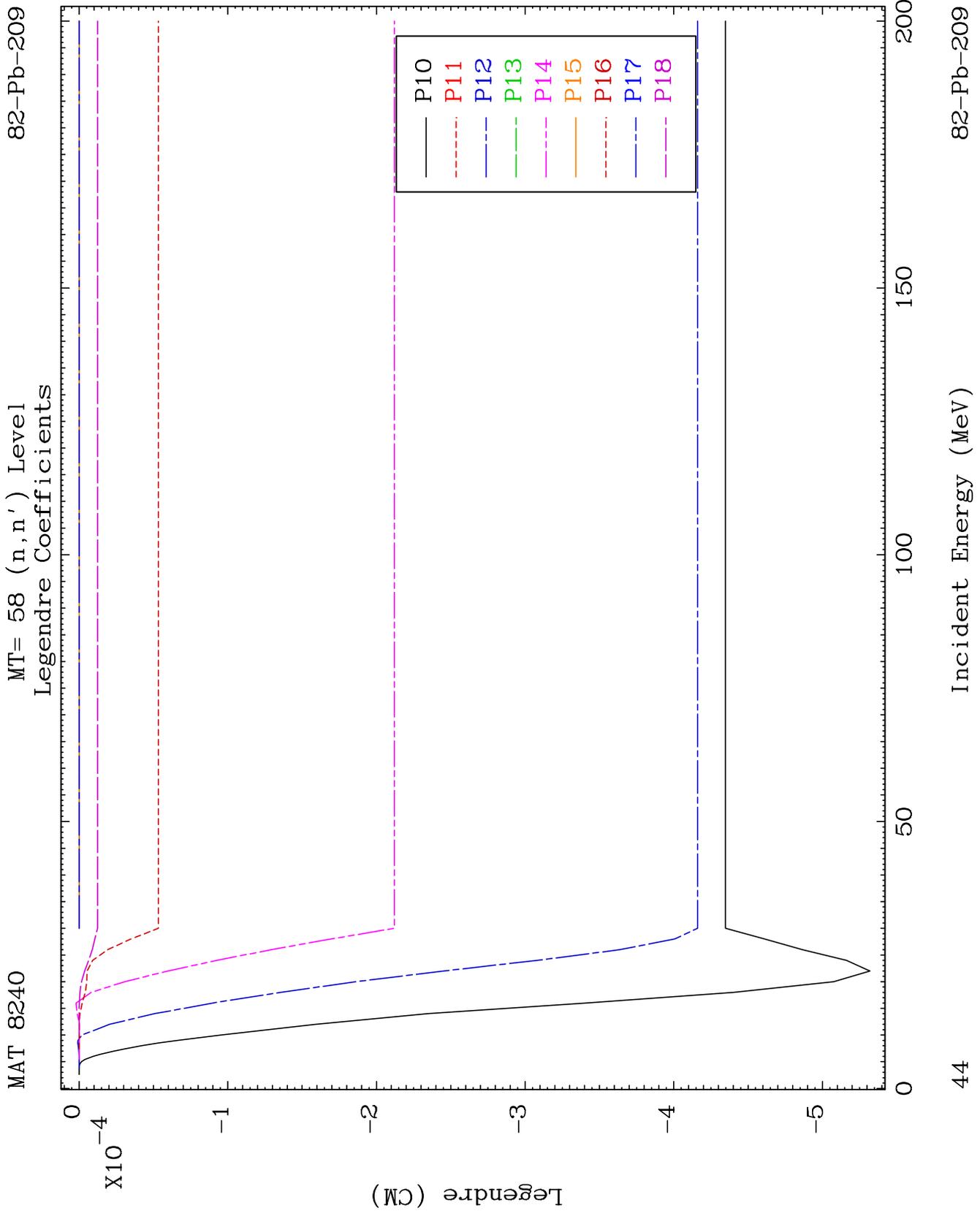


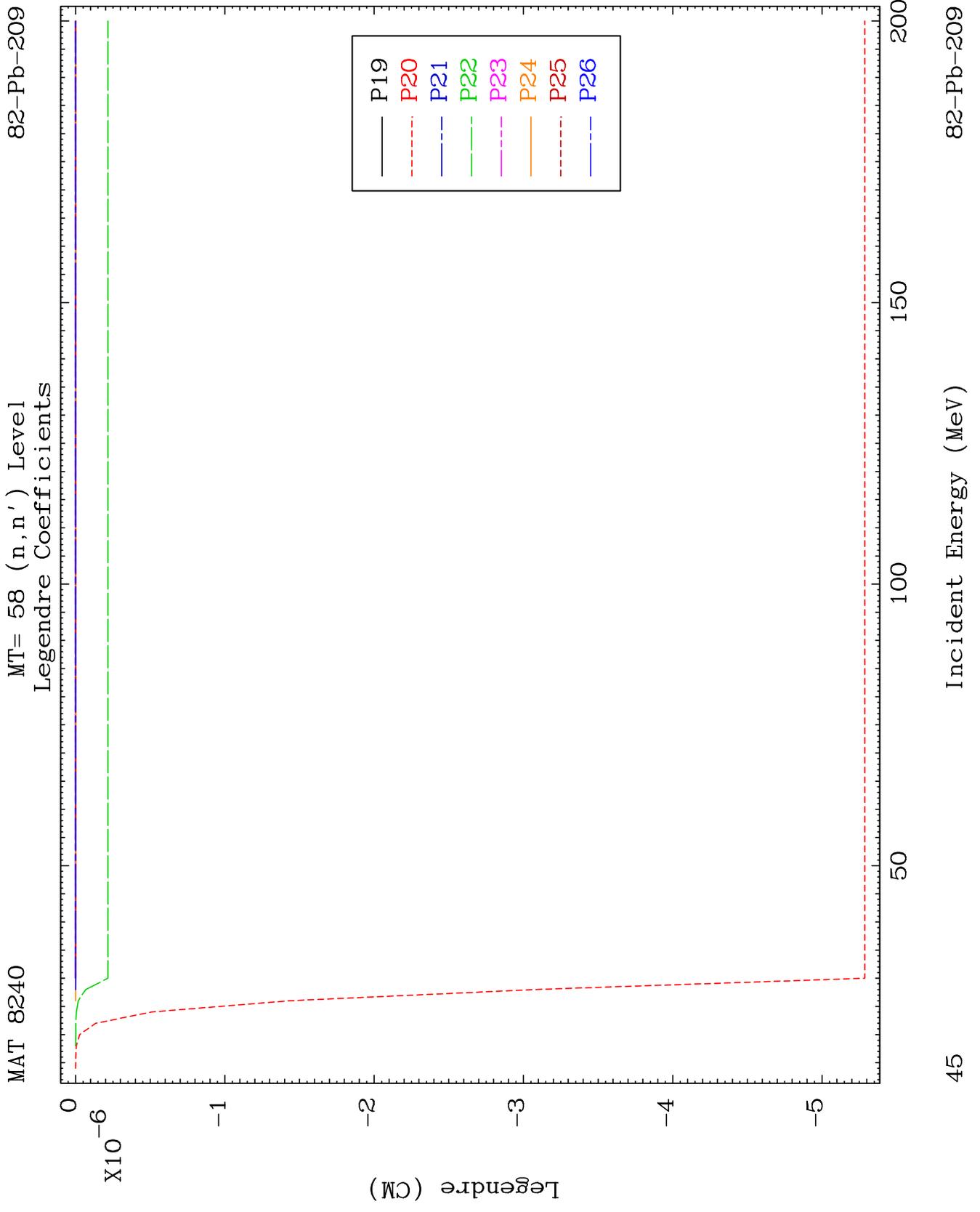
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Incident Energy (MeV)

42



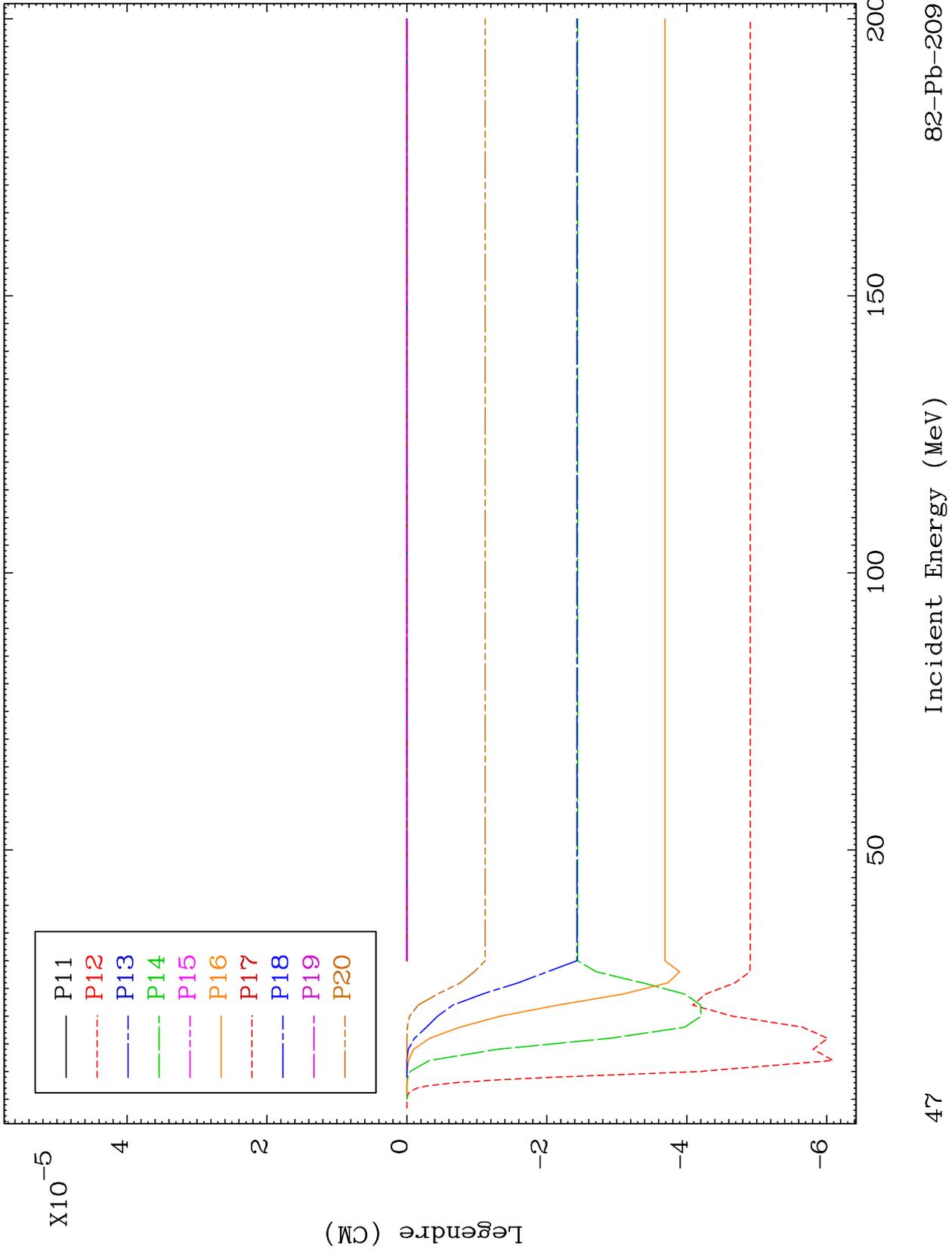


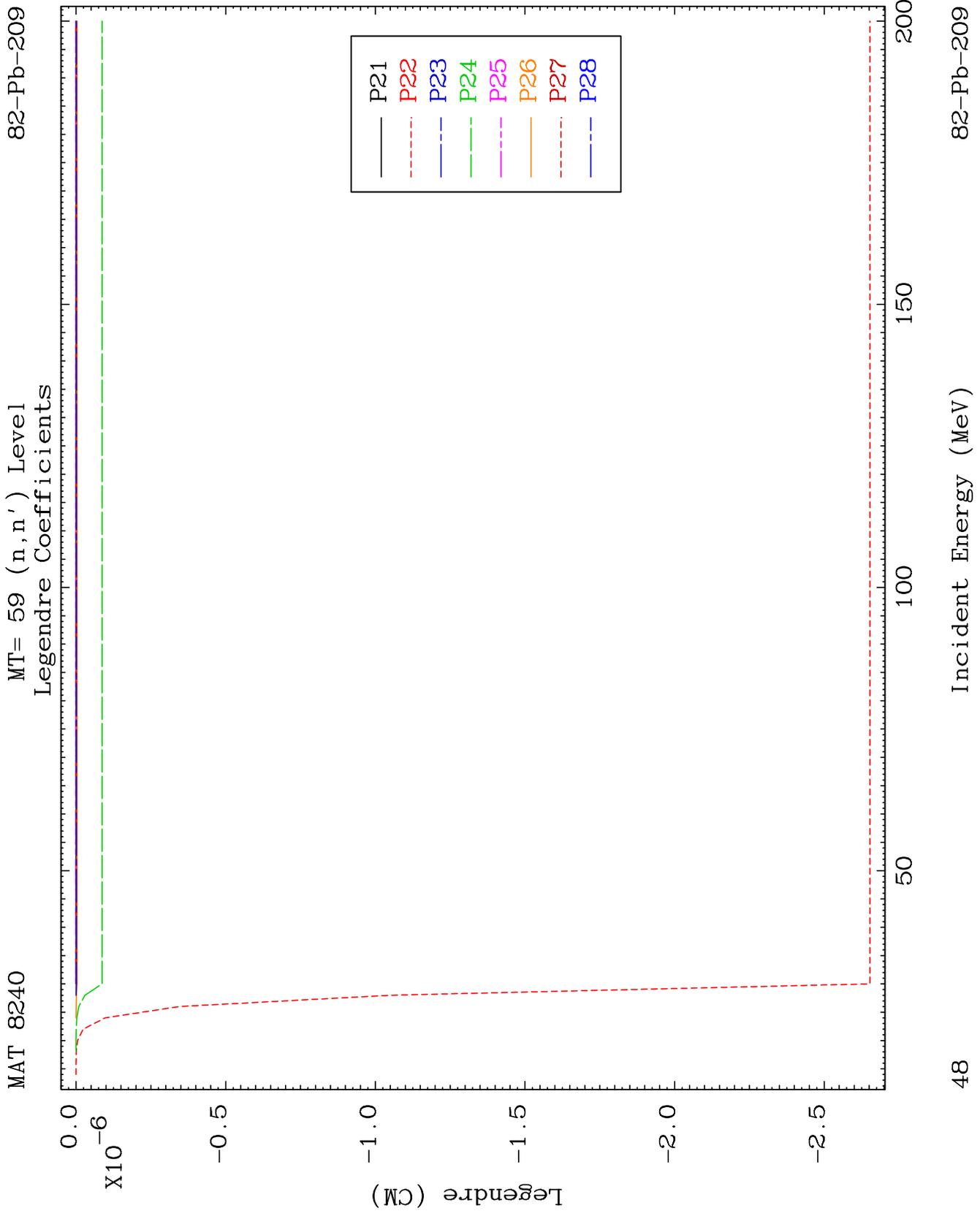


MAT 8240

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

82-Pb-209

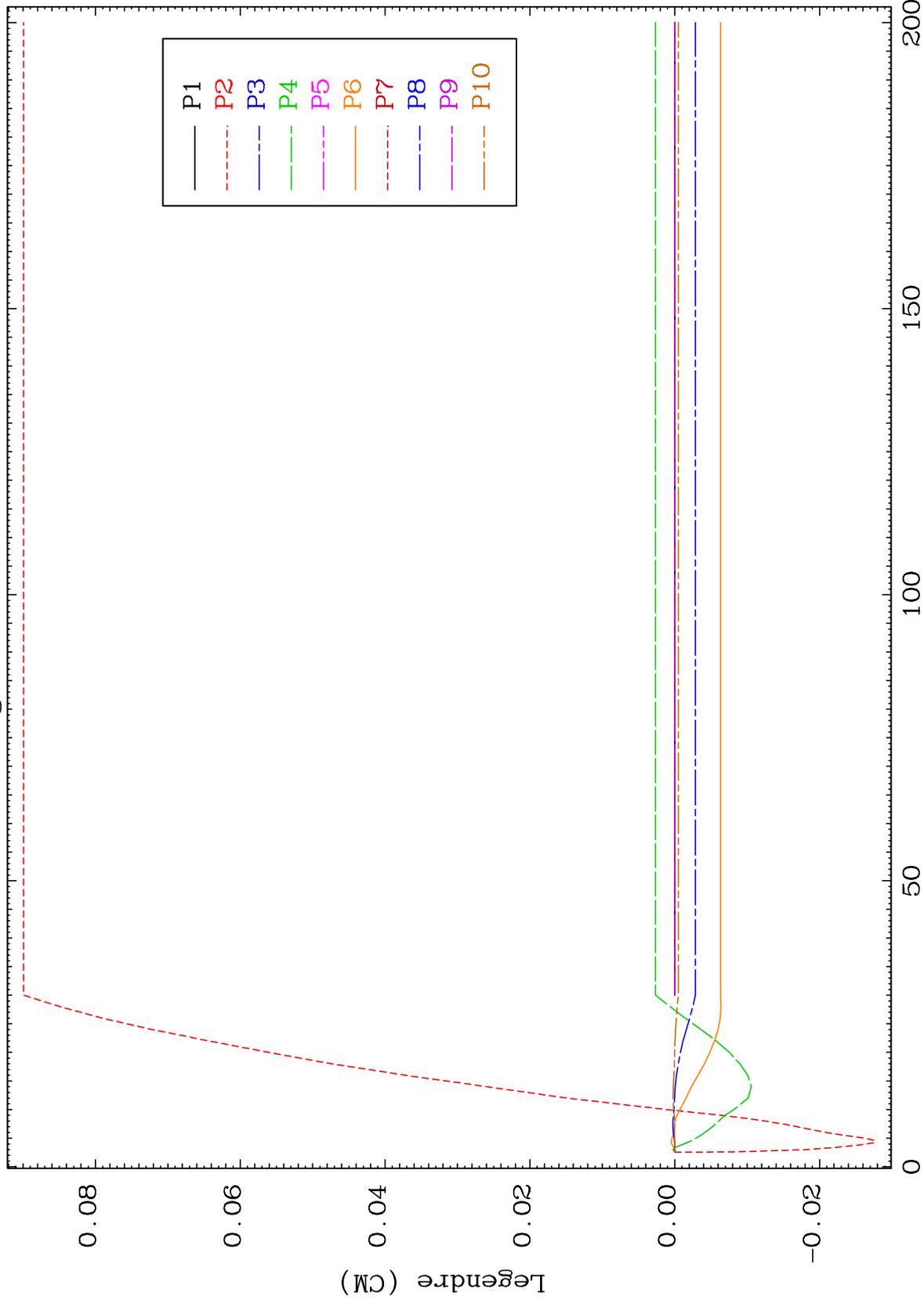




MAT 8240

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

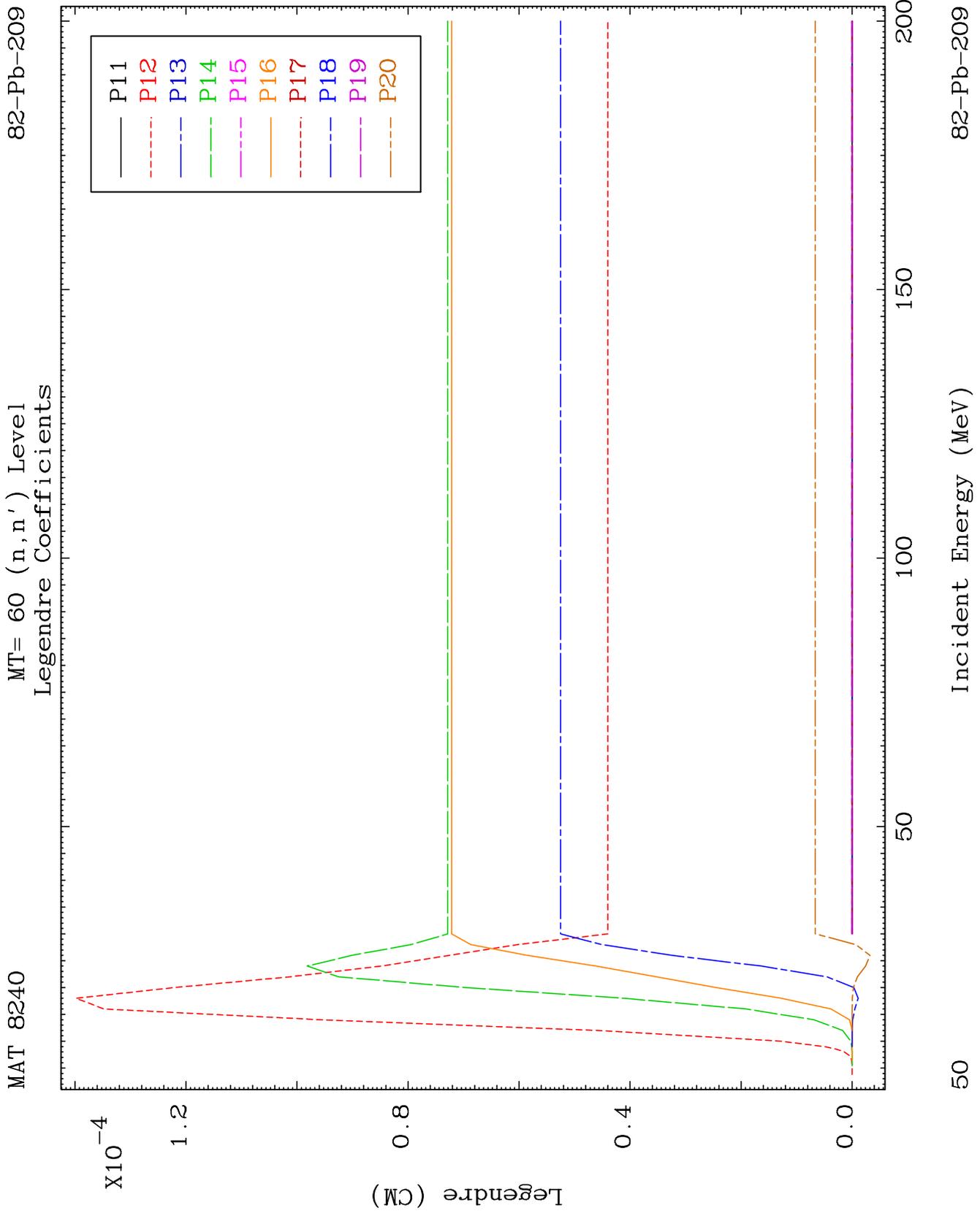
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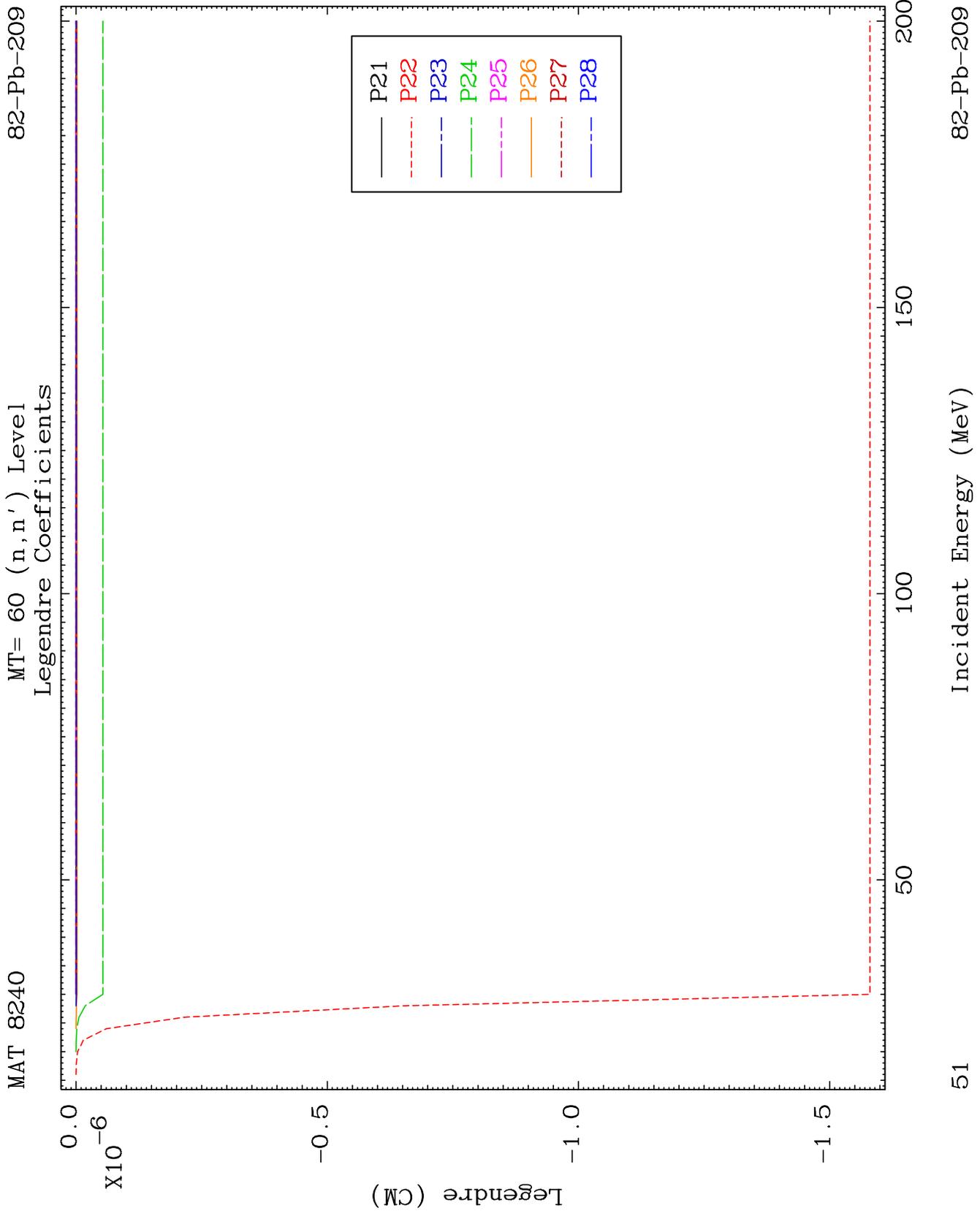


49

Incident Energy (MeV)

82-Pb-209

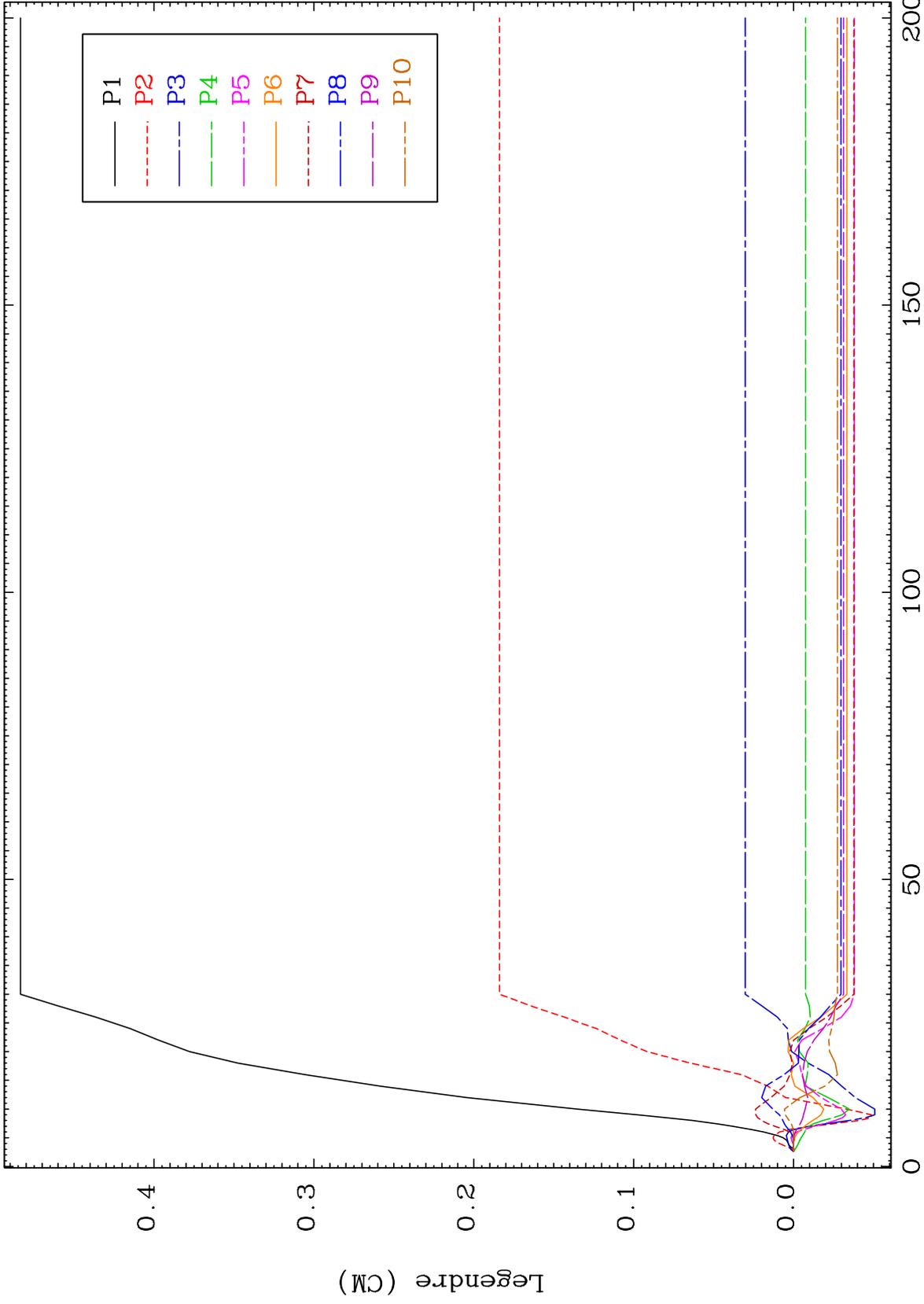




MAT 8240

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

82-Pb-209



52

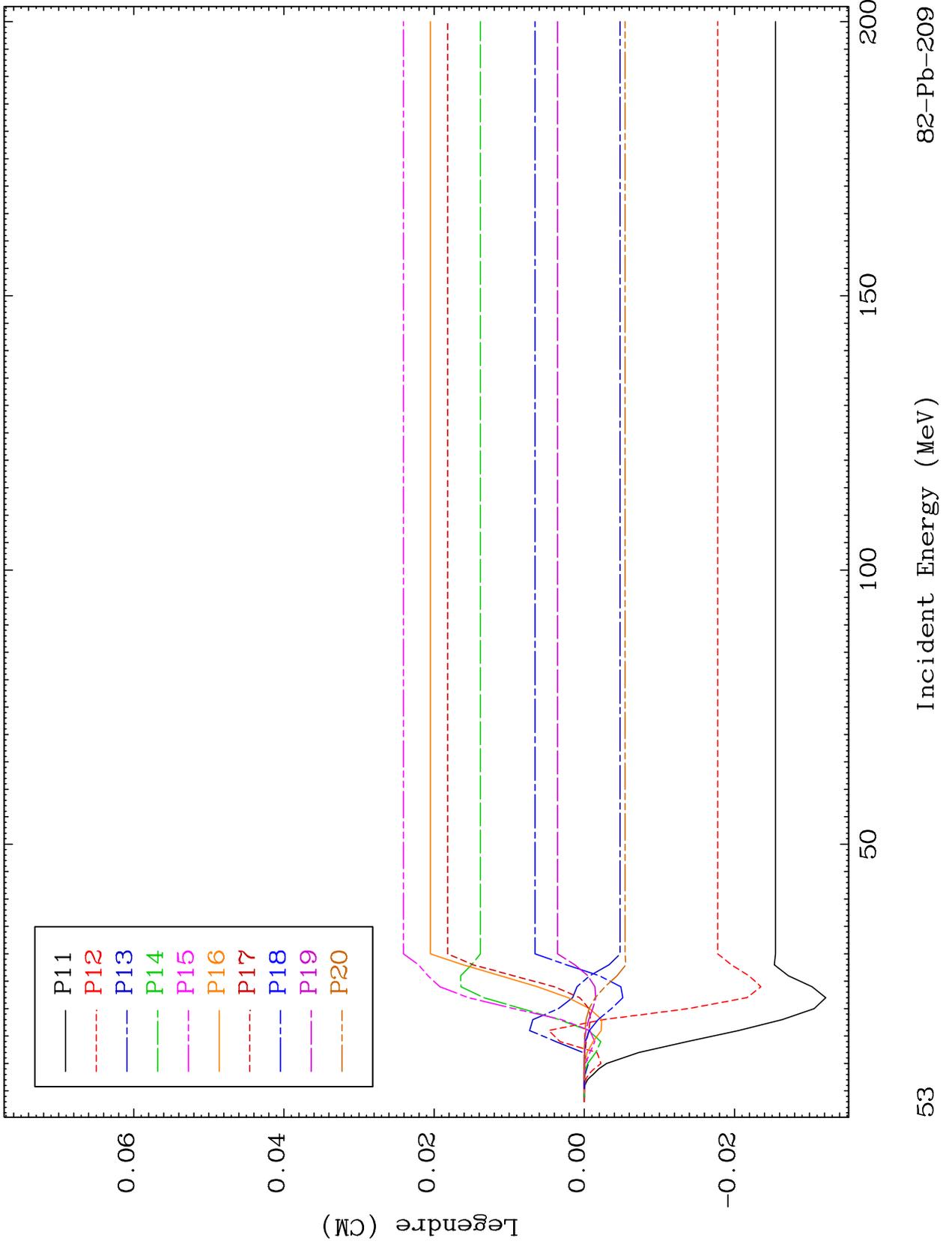
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

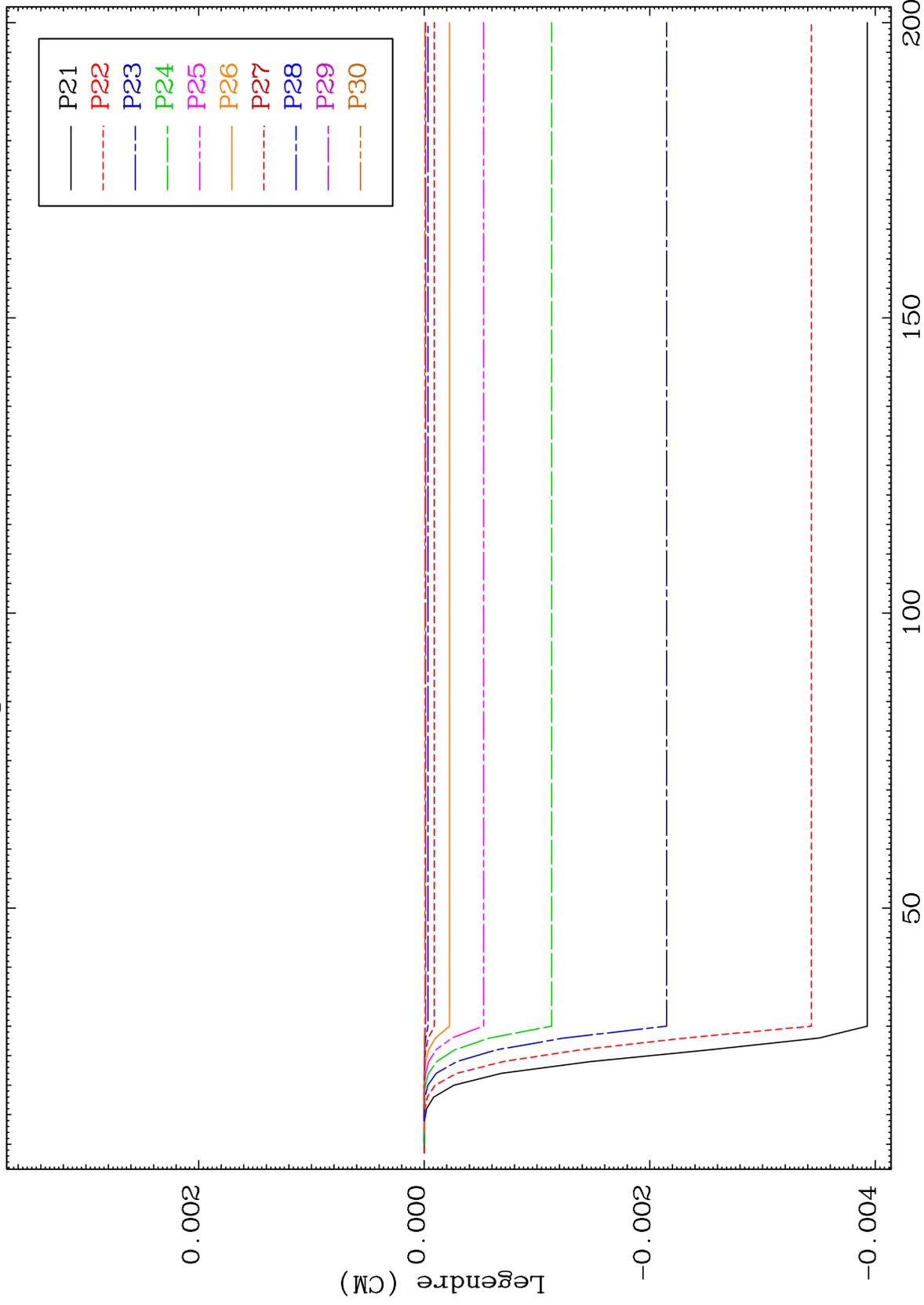
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MAT 8240

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

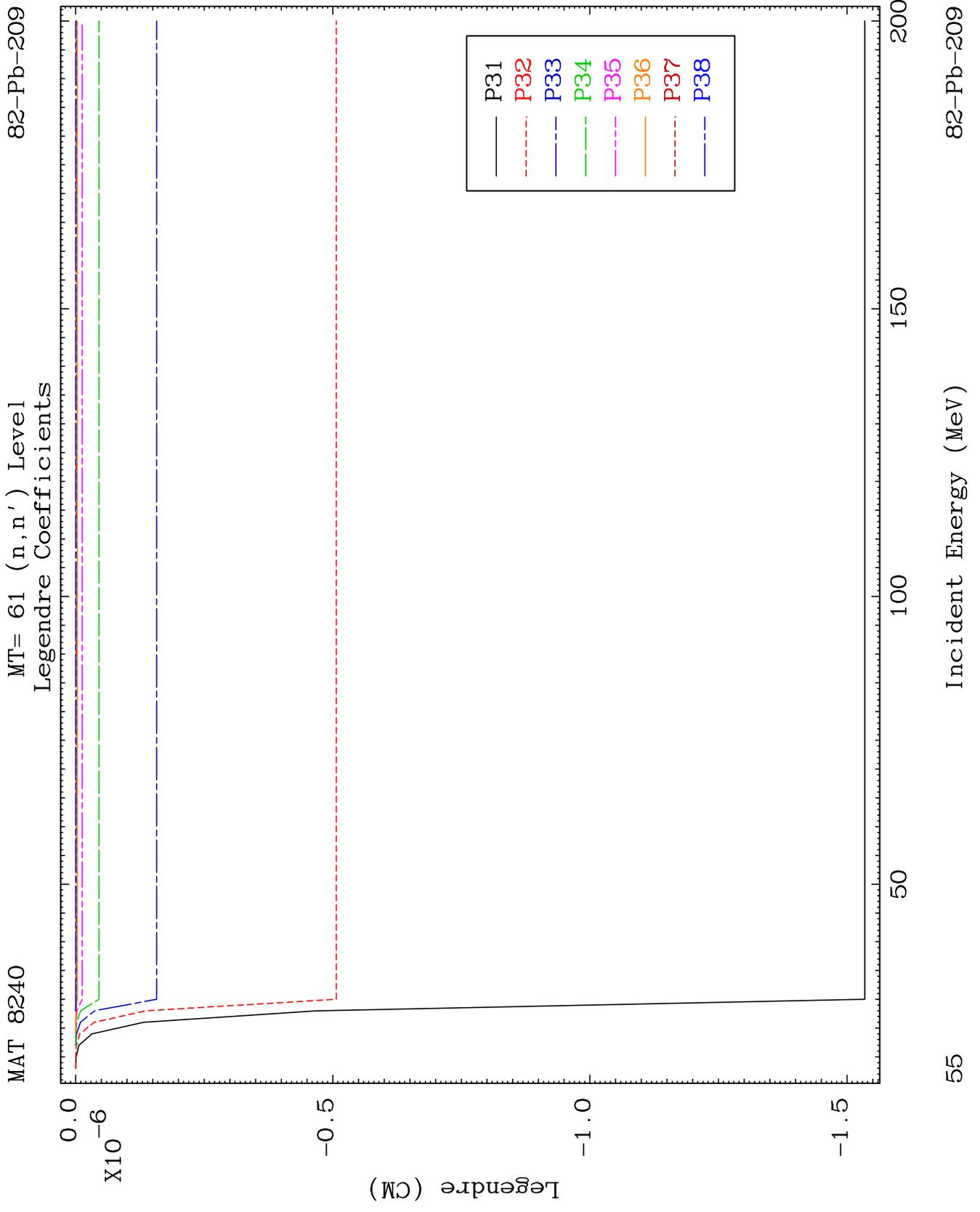
82-Pb-209



54

Incident Energy (MeV)

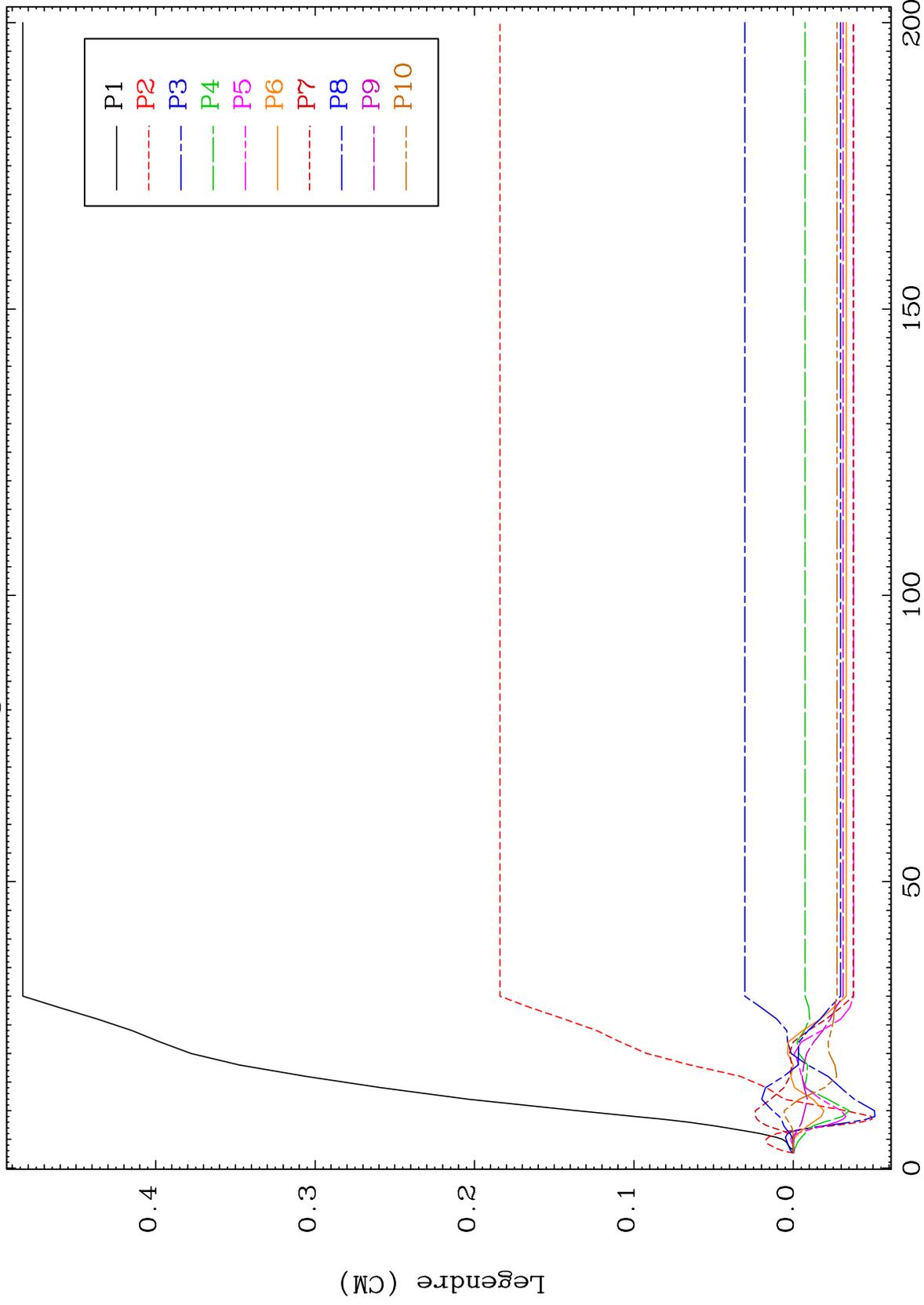
82-Pb-209



MAT 8240

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

82-Pb-209



56

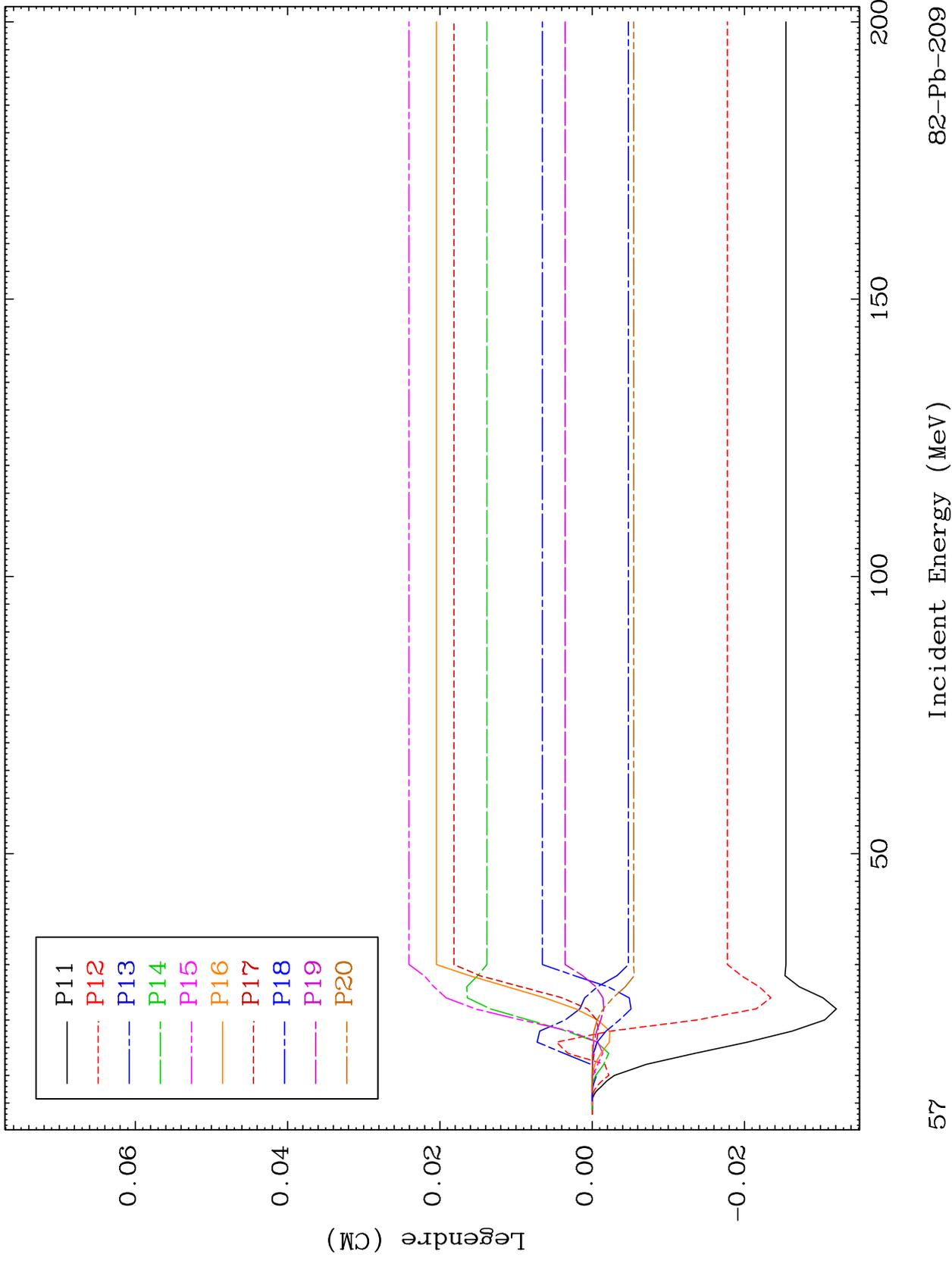
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

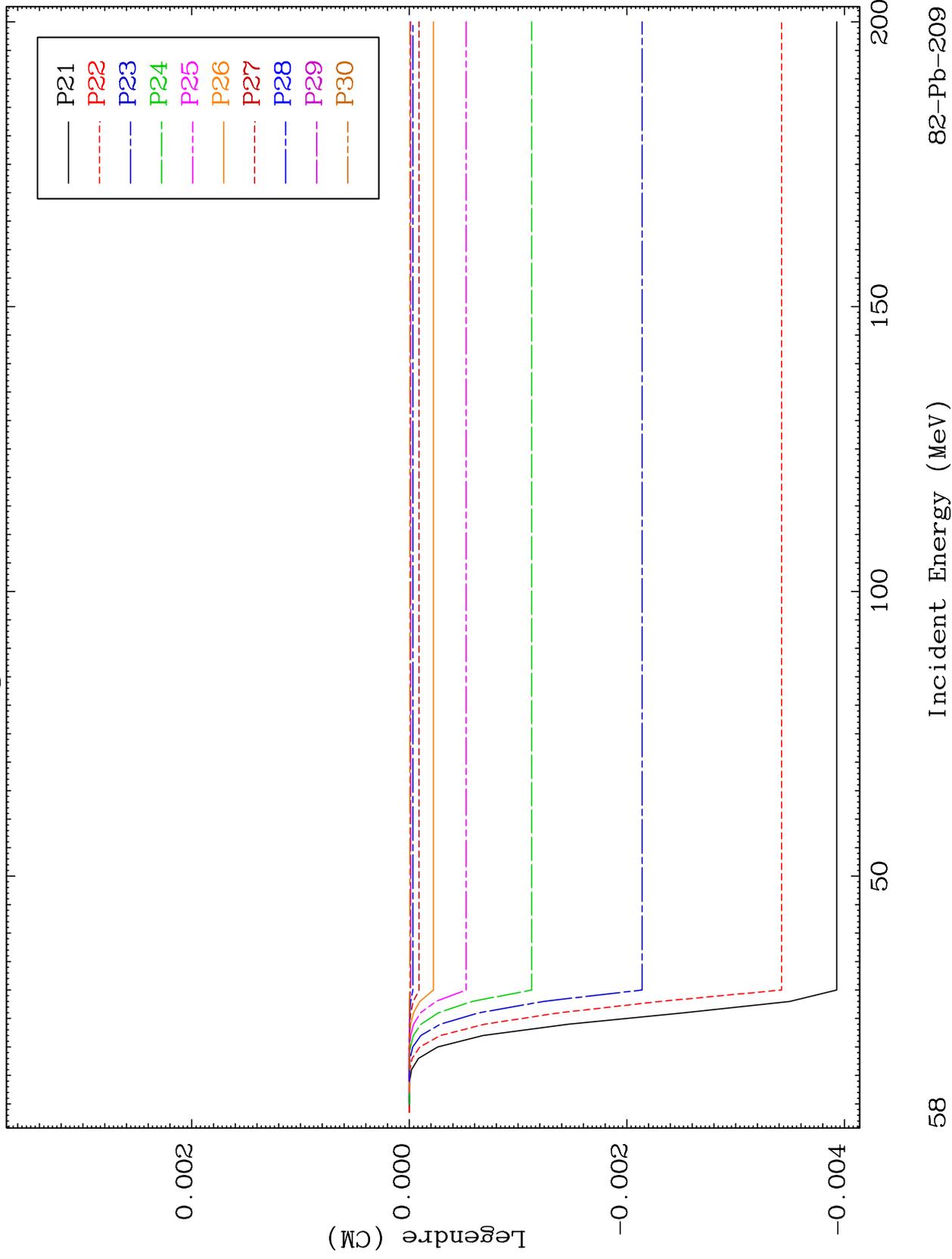
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MAT 8240

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

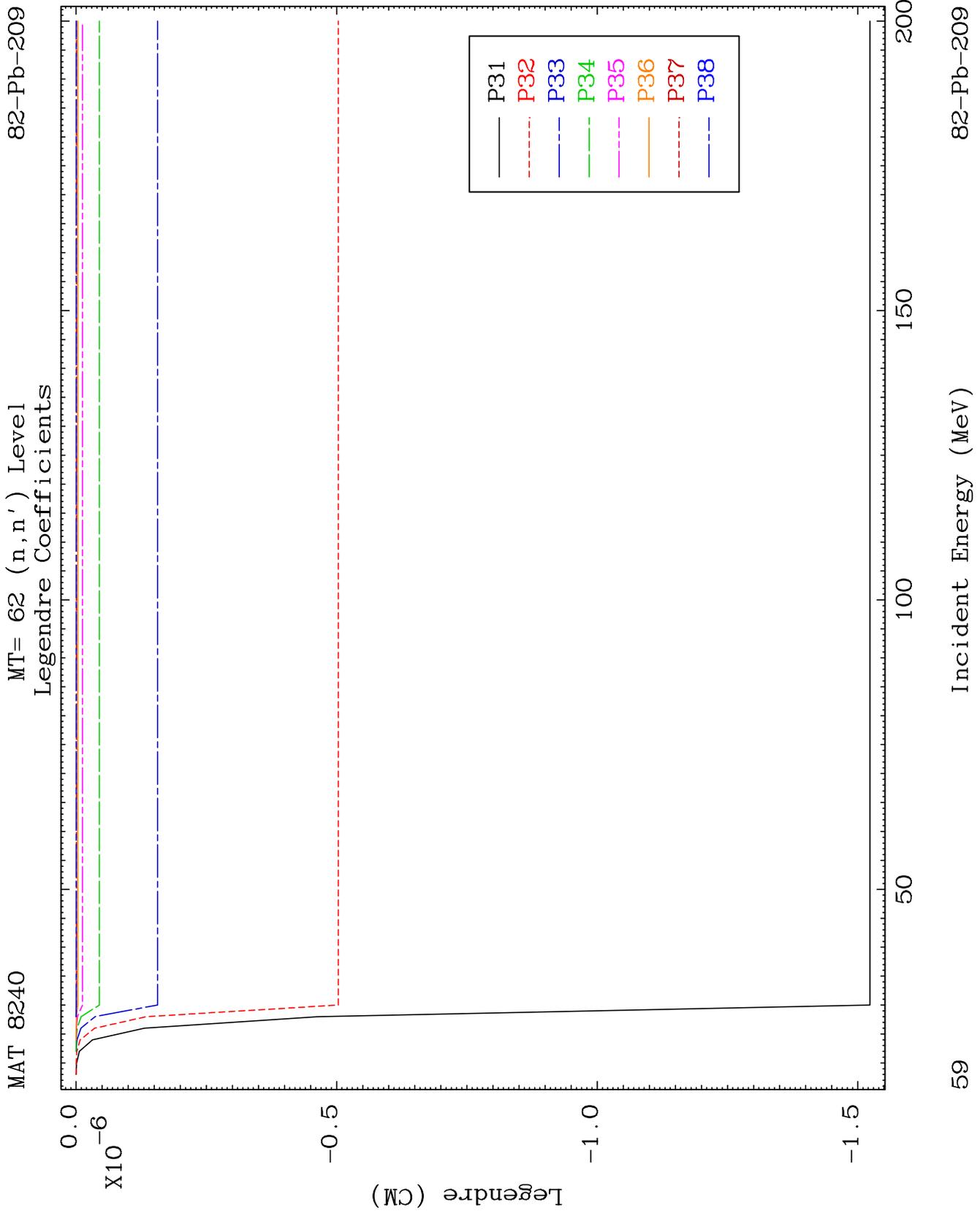
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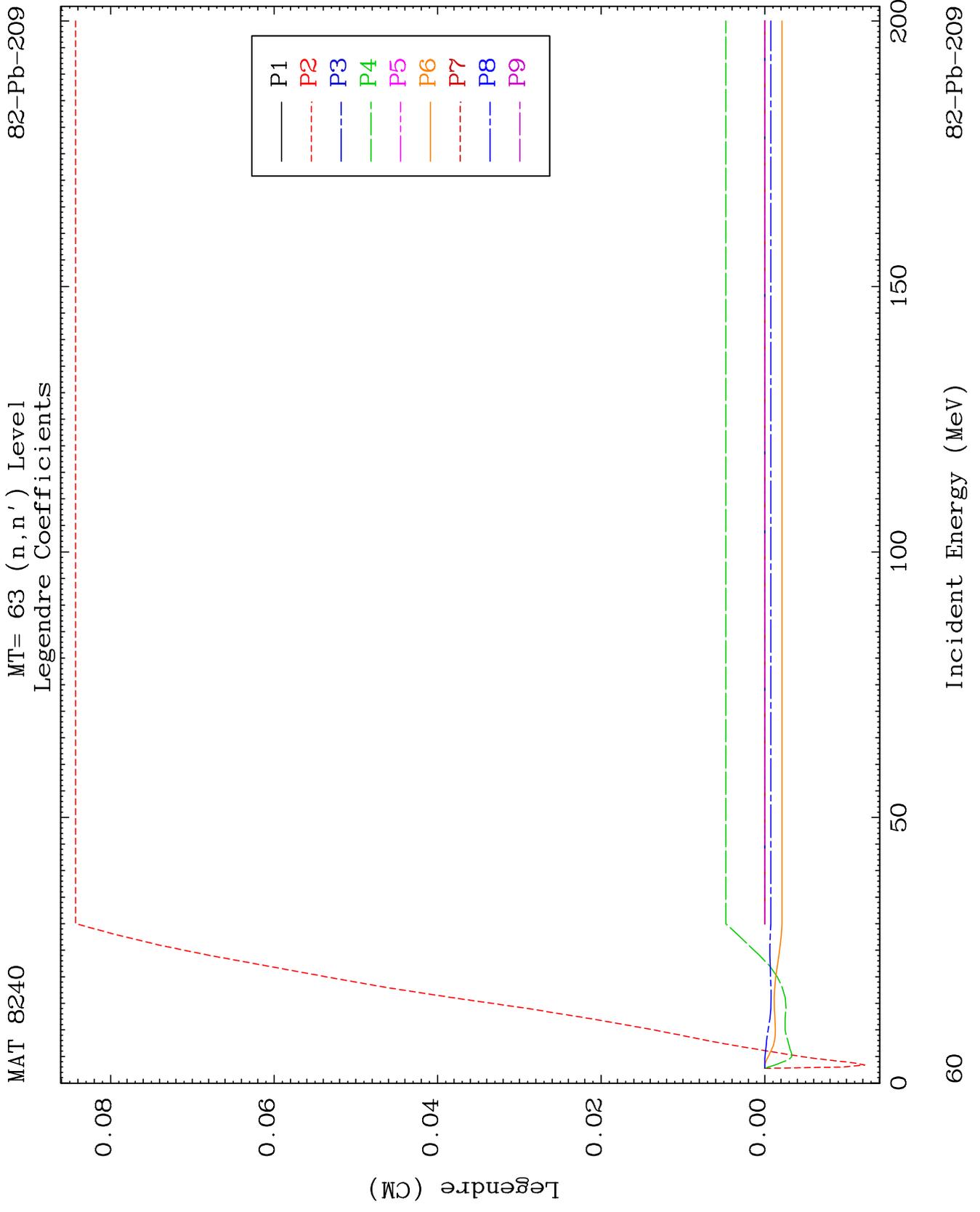


58

Incident Energy (MeV)

82-Pb-209

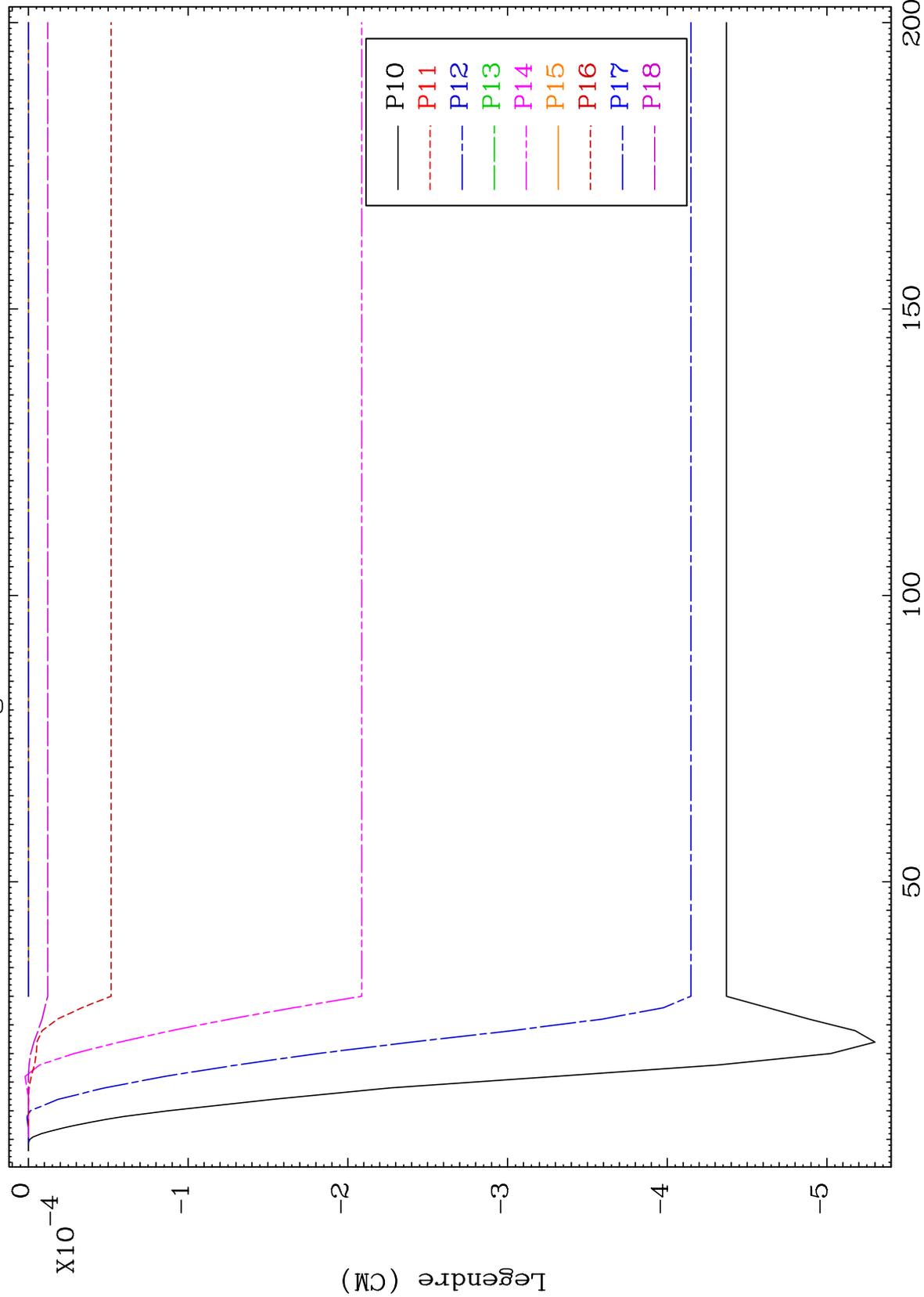




MAT 8240

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

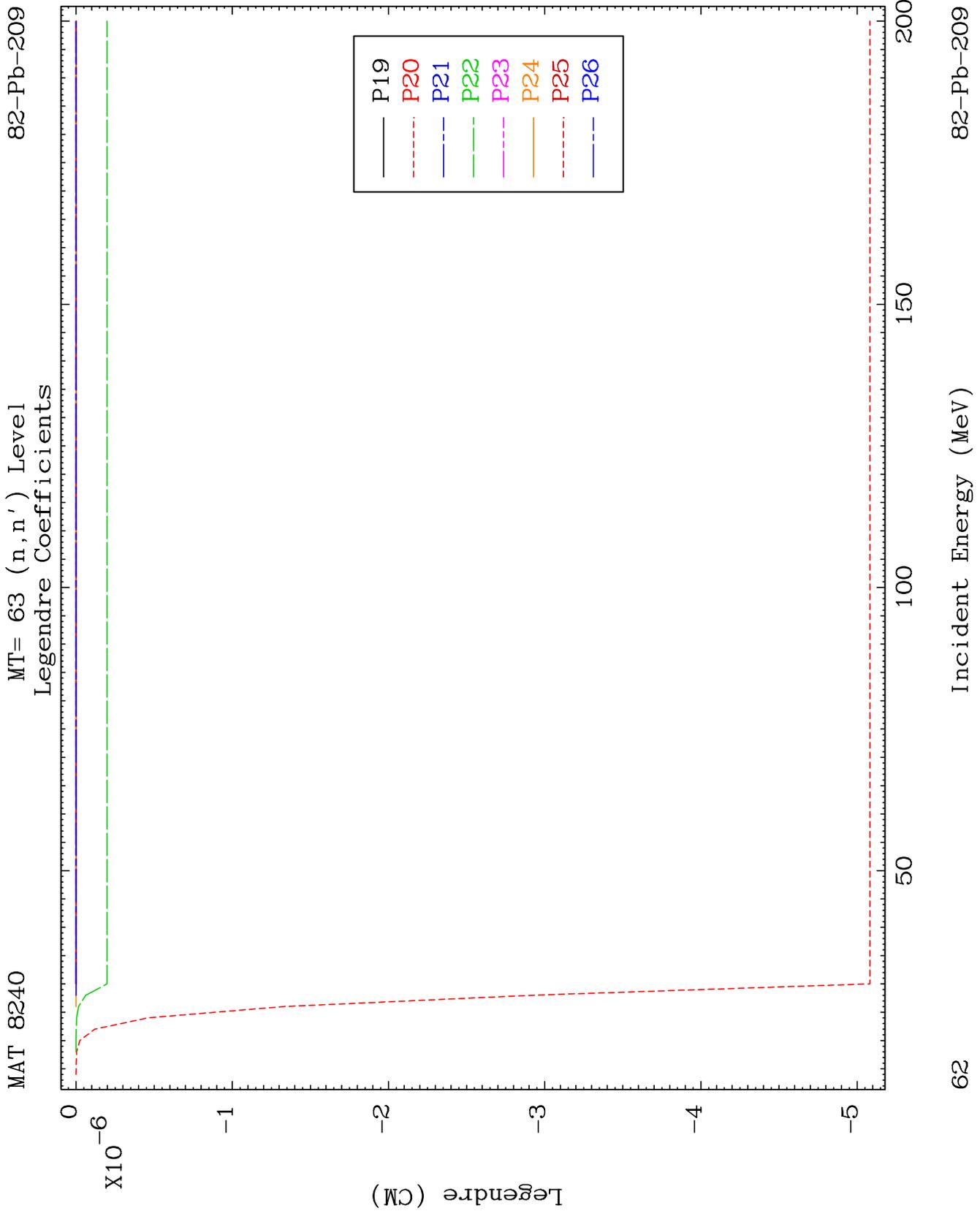
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61

Incident Energy (MeV)

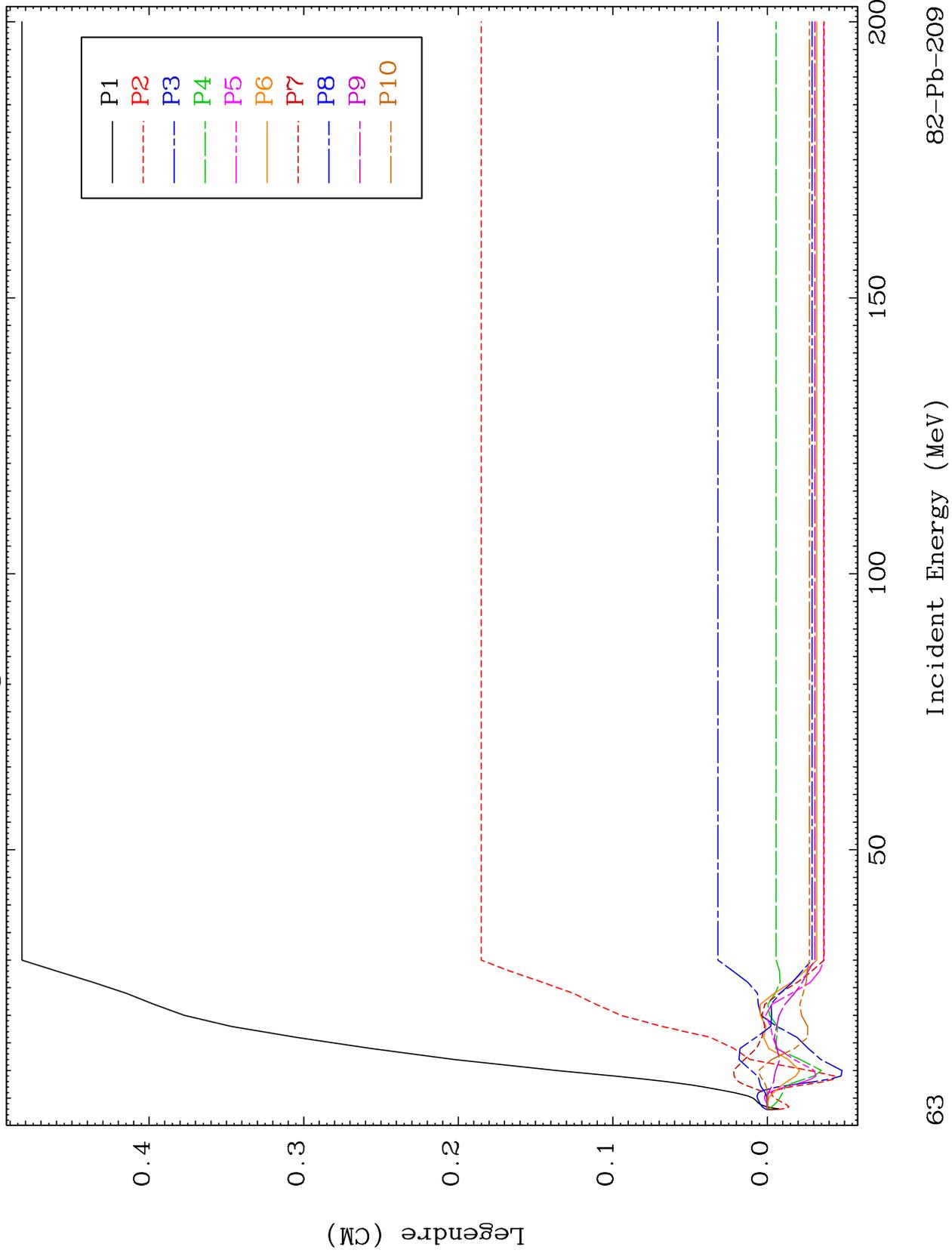
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MAT 8240

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

82-Pb-209



63

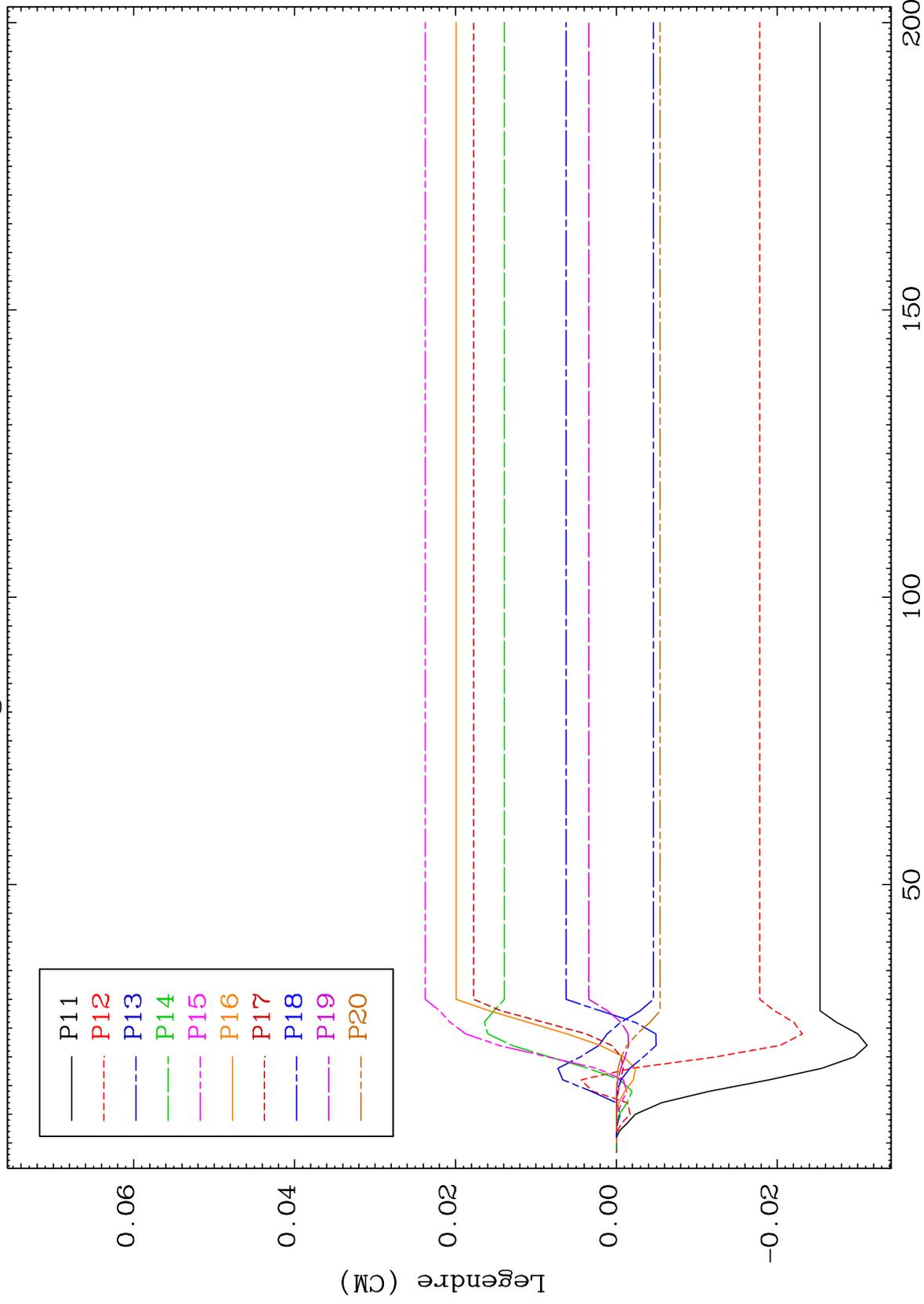
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



64

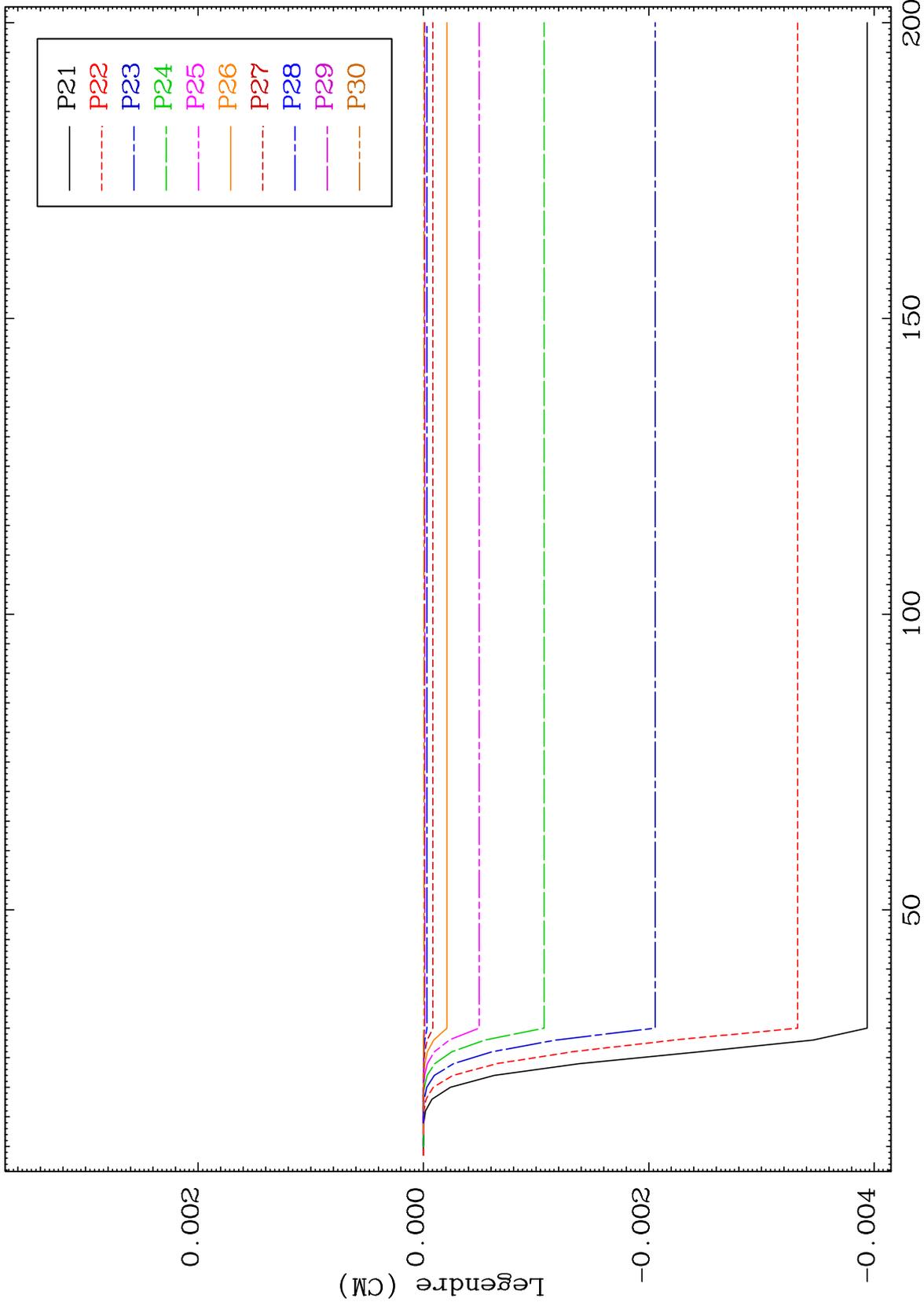
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

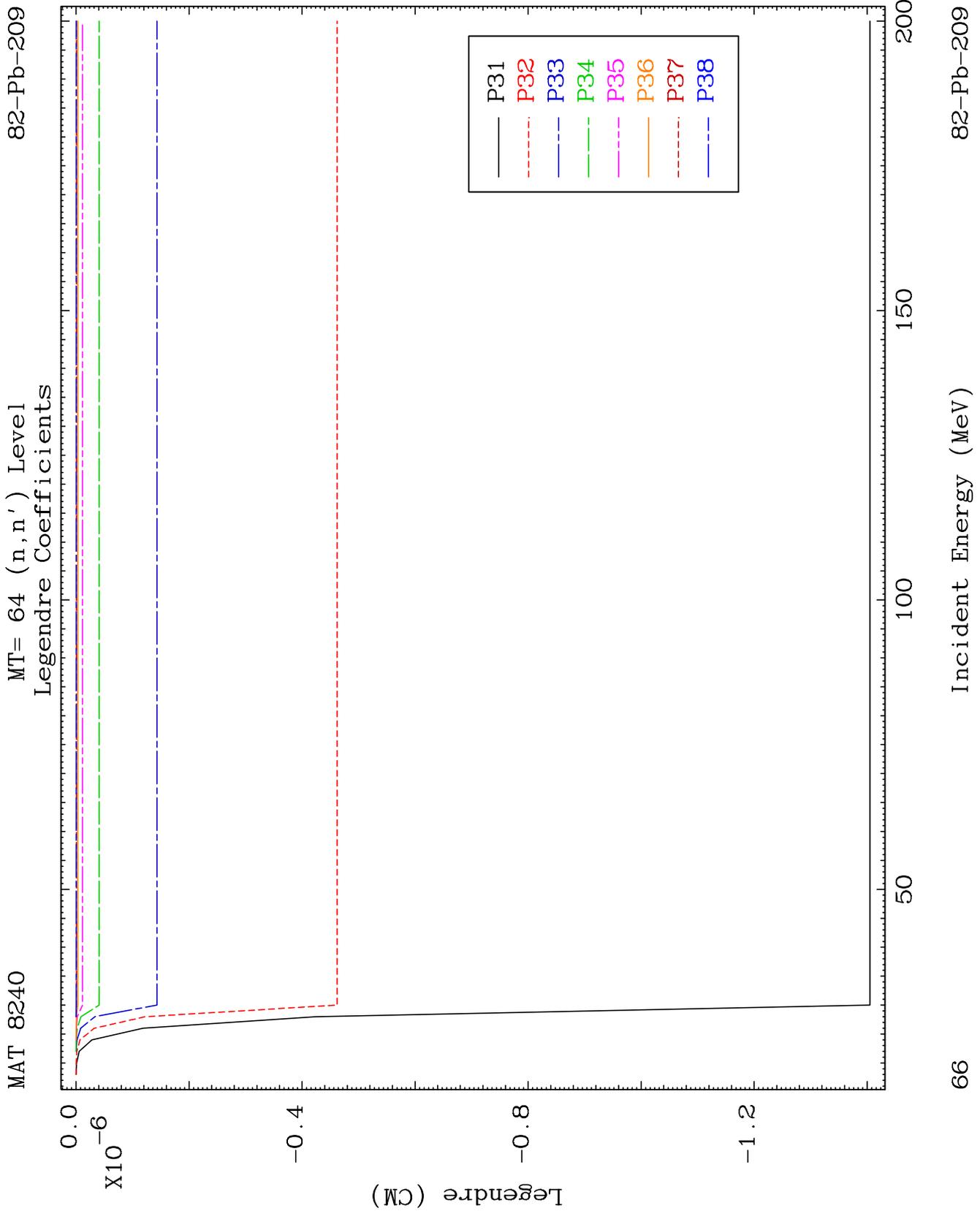
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65

Incident Energy (MeV)

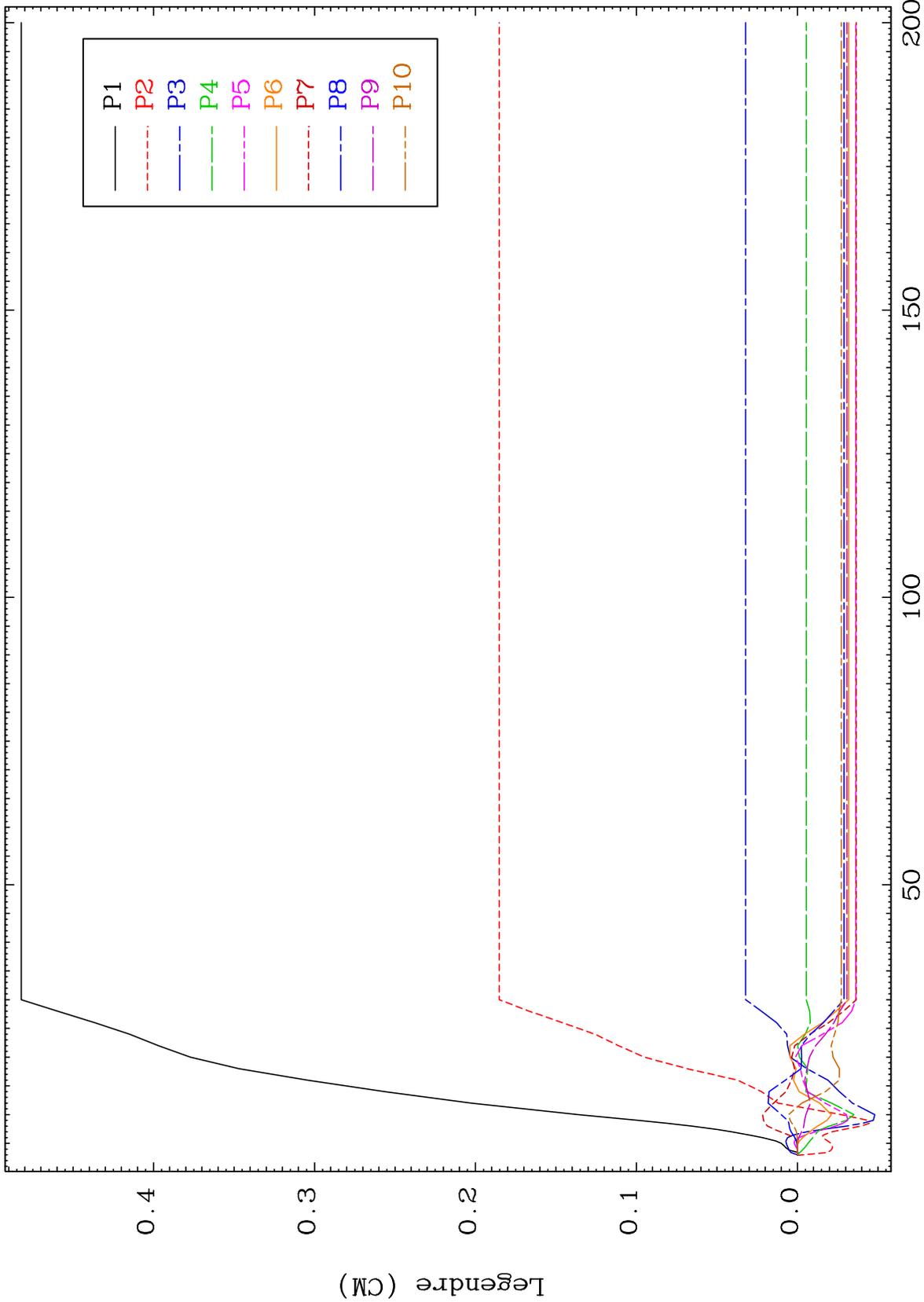
82-Pb-209



MAT 8240

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

82-Pb-209



67

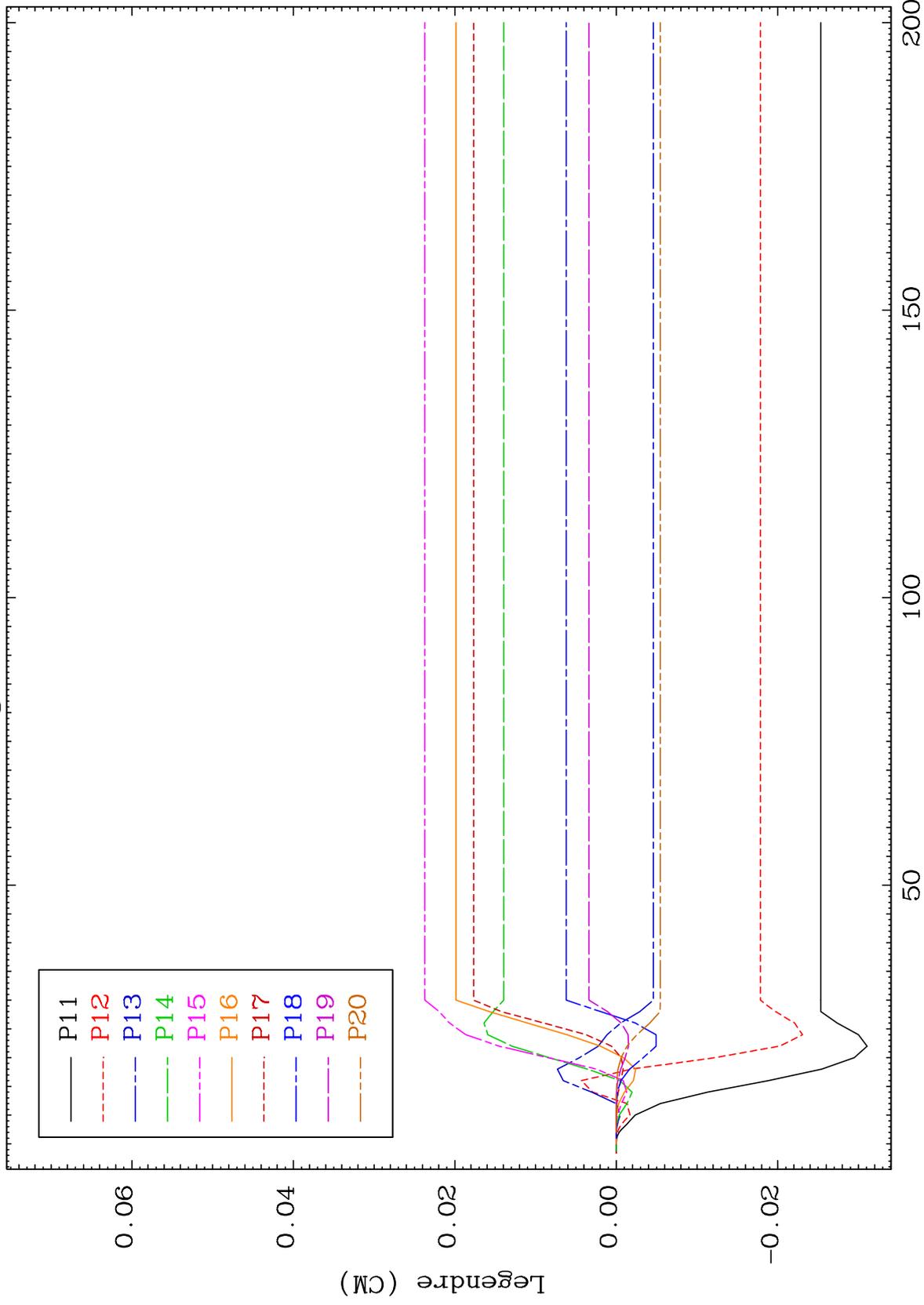
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



68

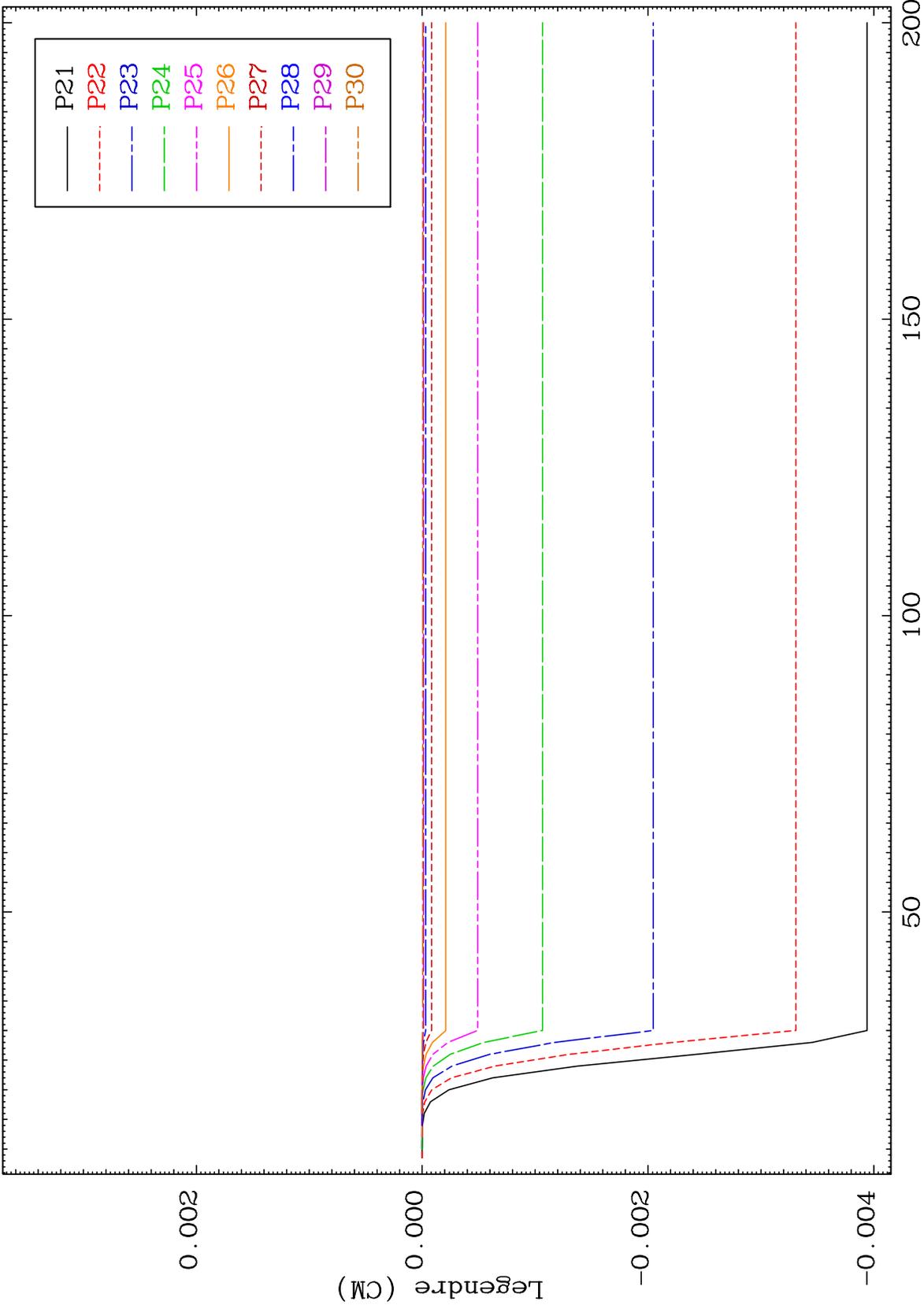
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

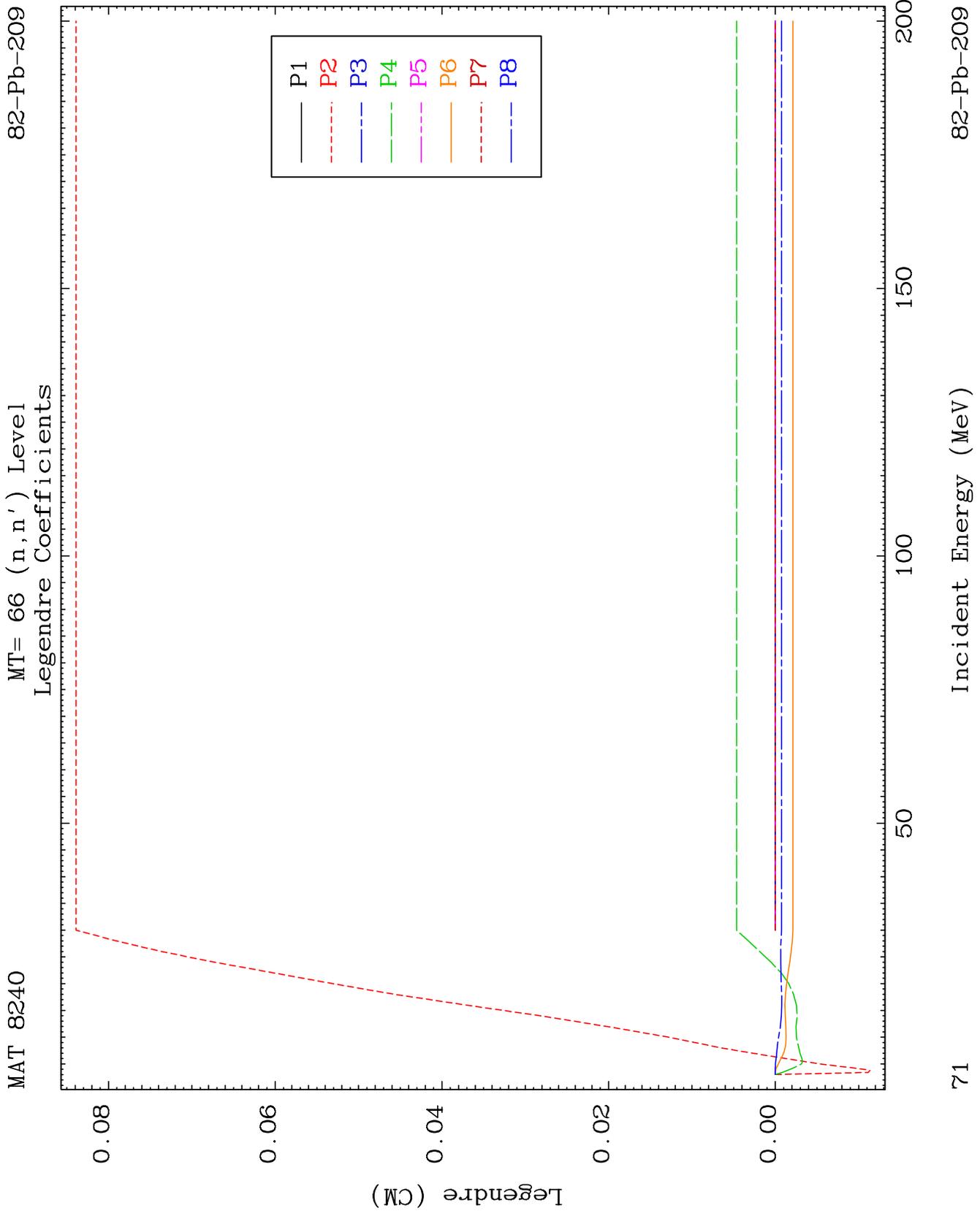
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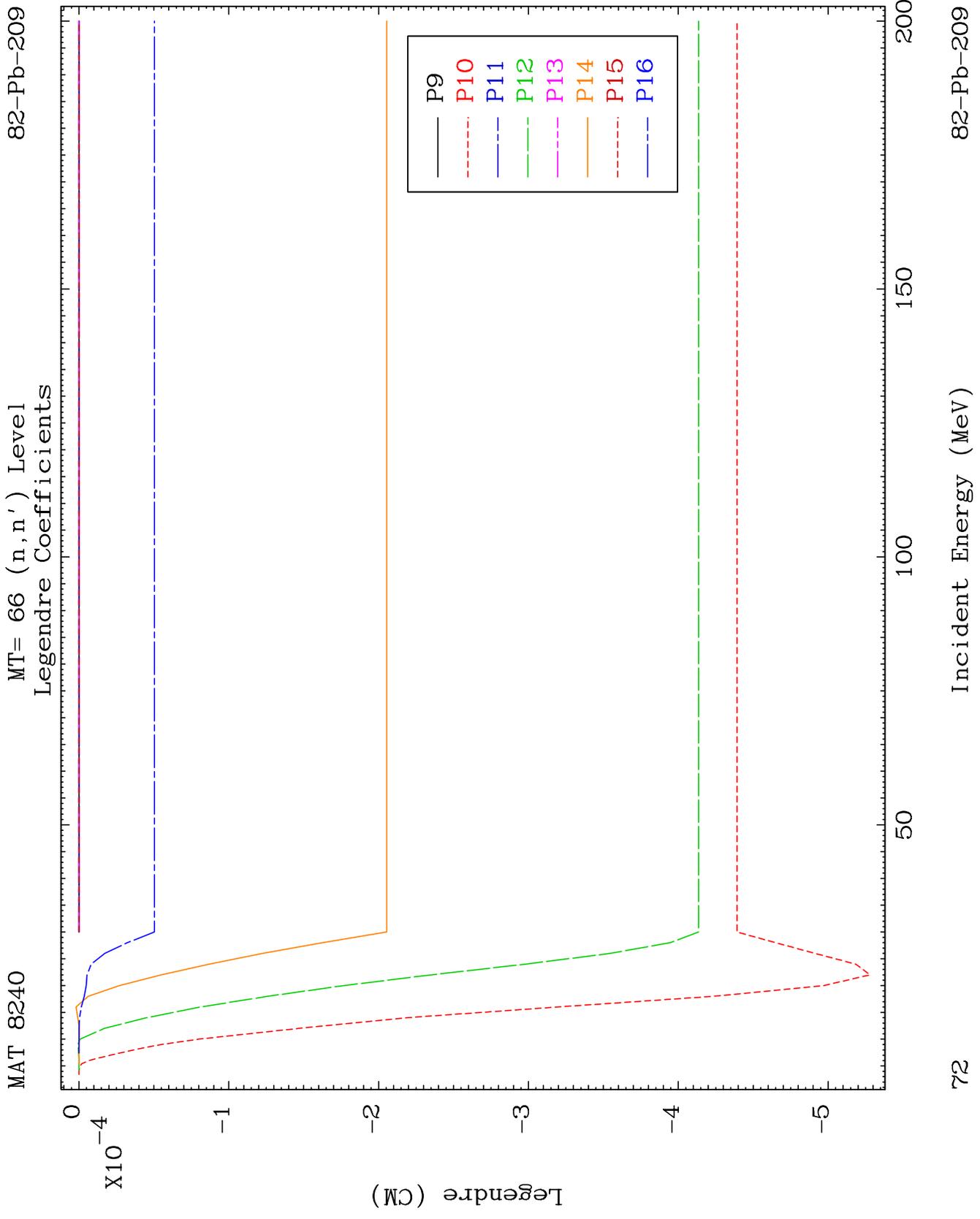


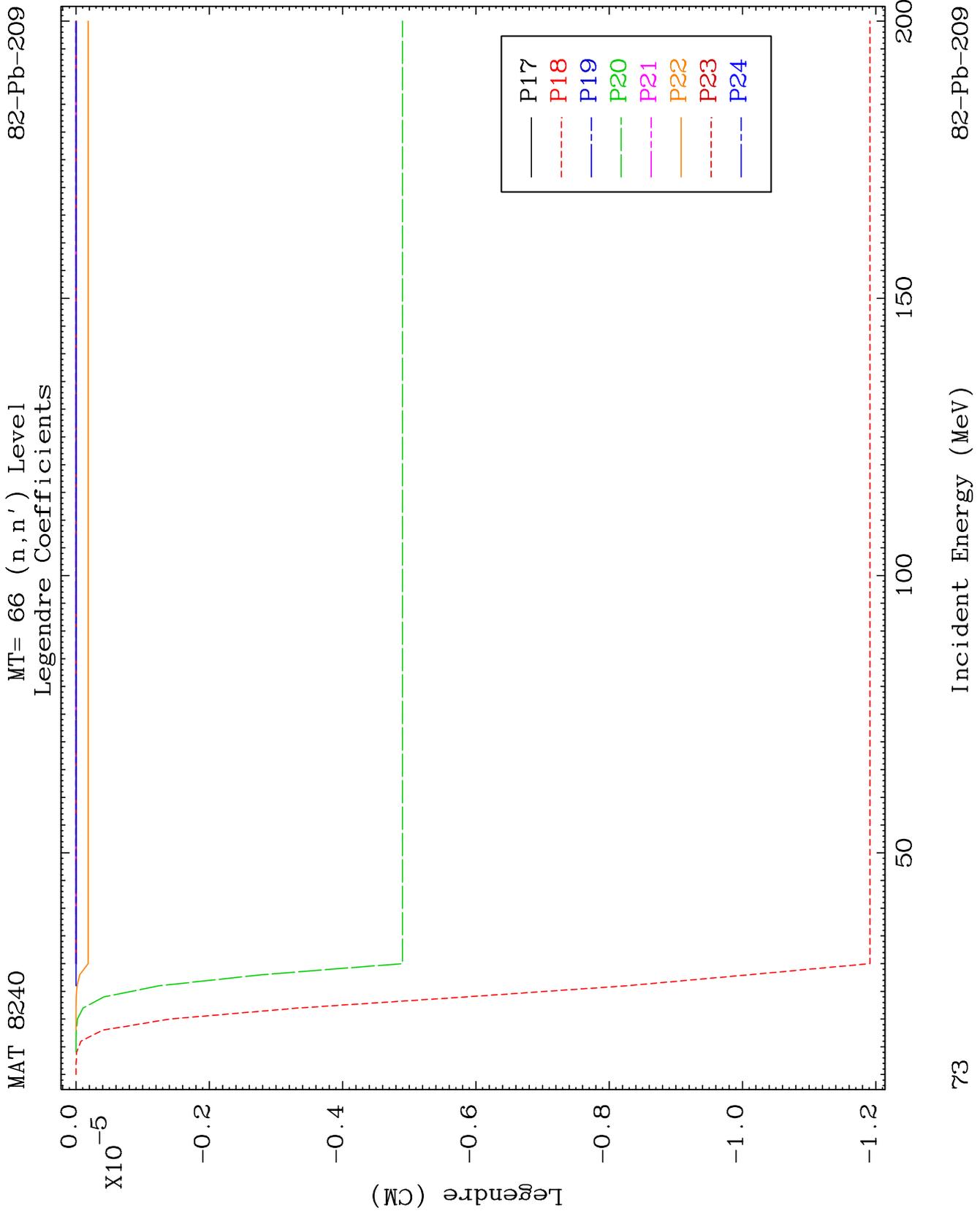
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Incident Energy (MeV)

82-Pb-209



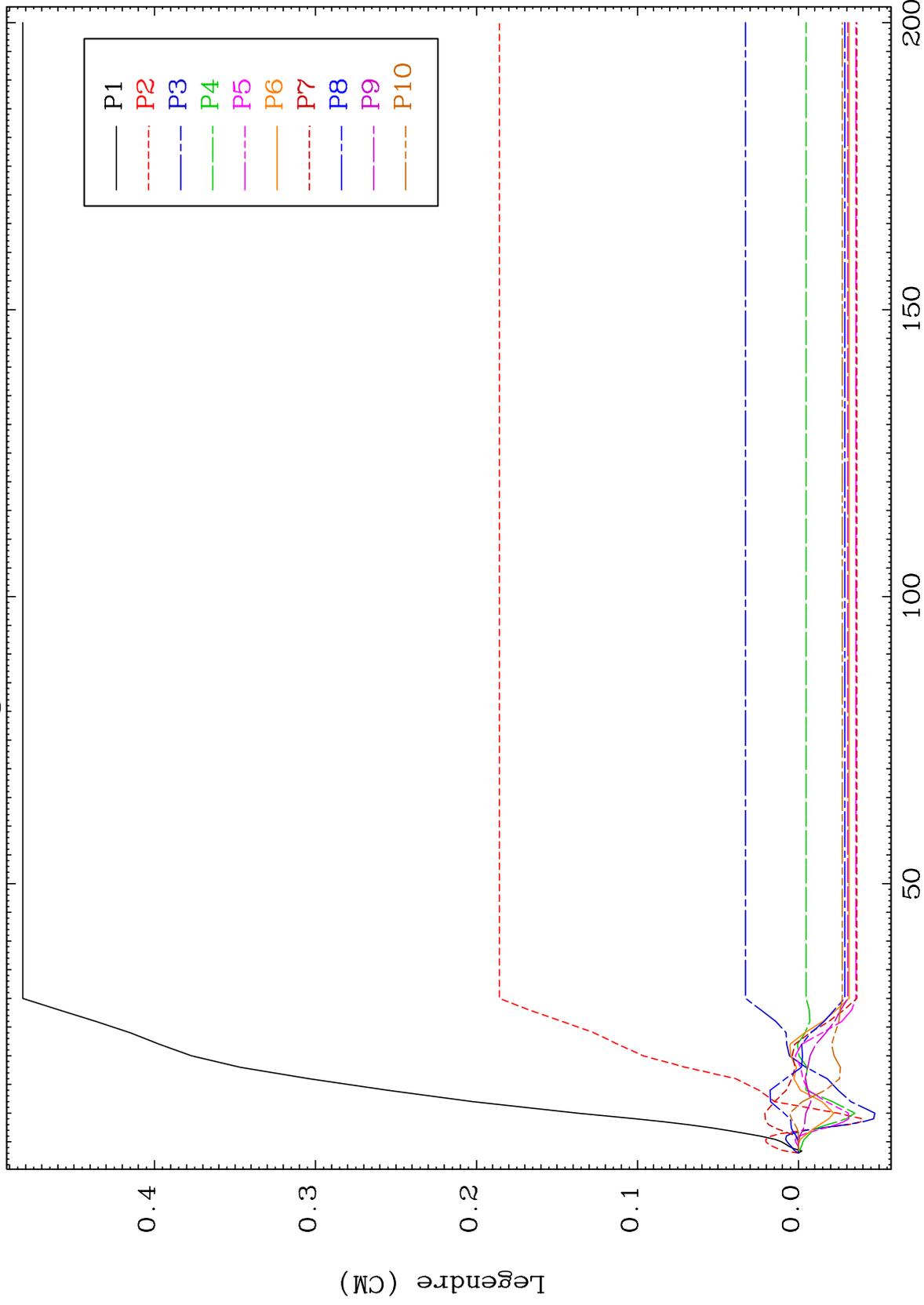




MAT 8240

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

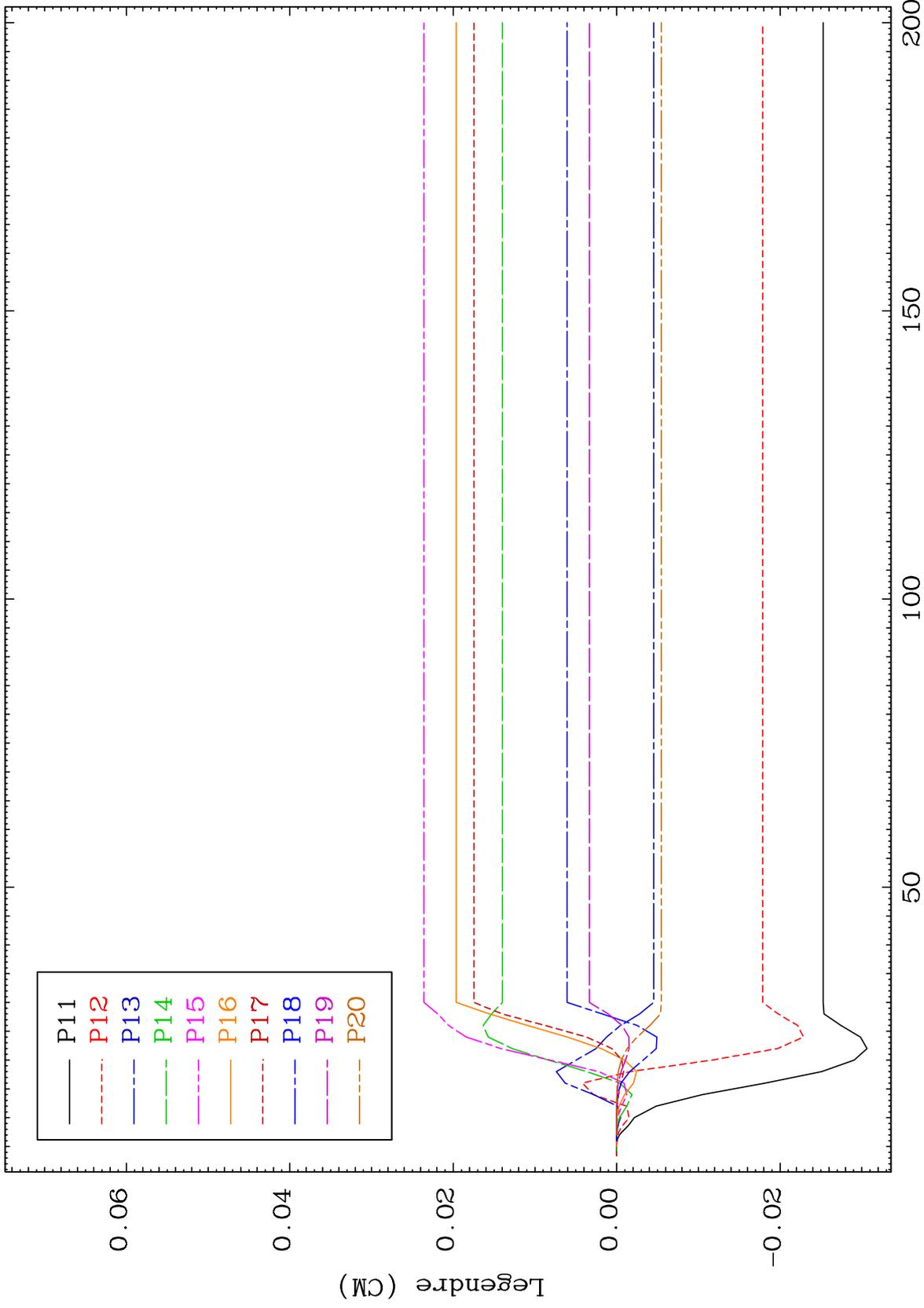
82-Pb-209



MAT 8240

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

82-Pb-209



75

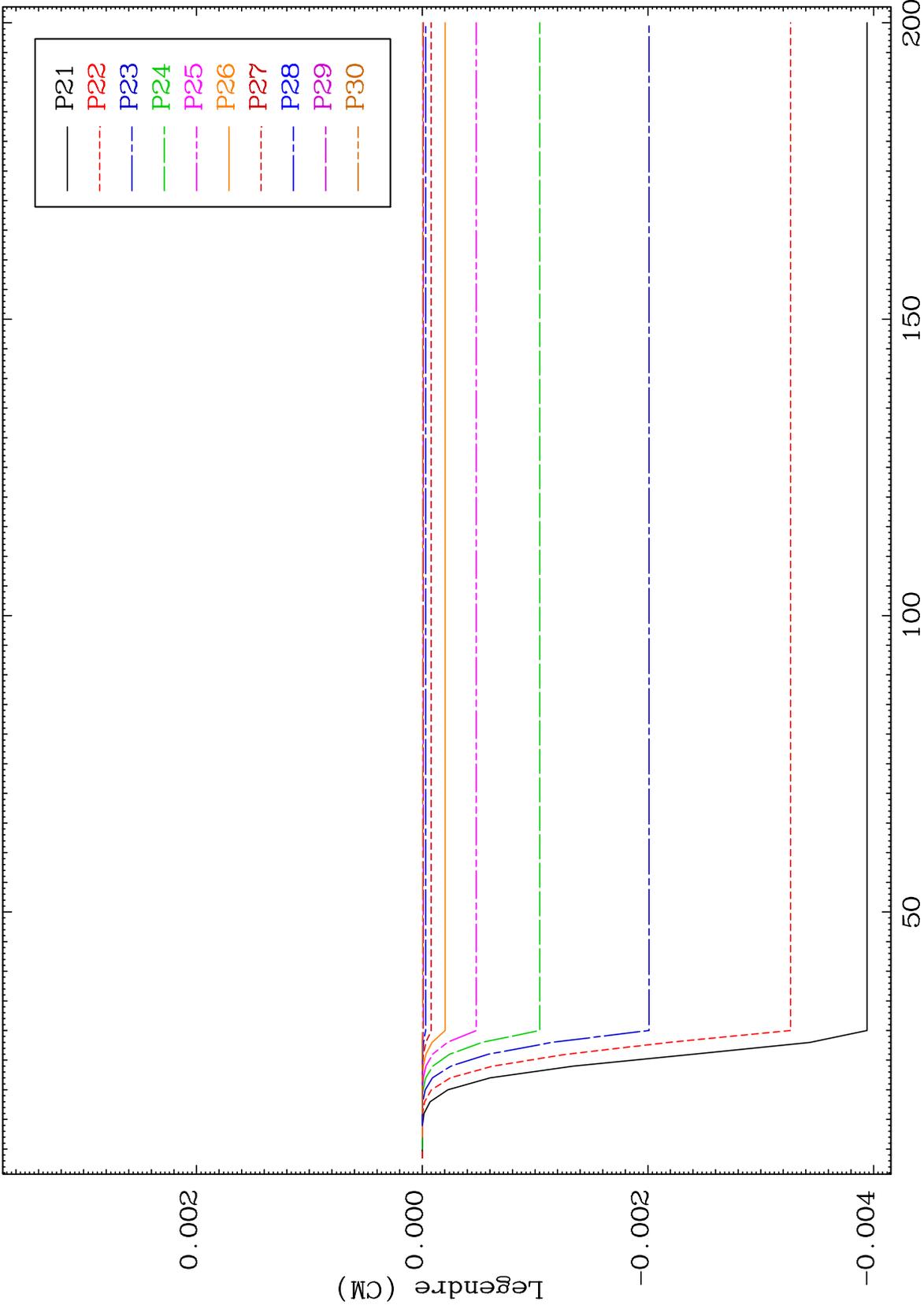
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

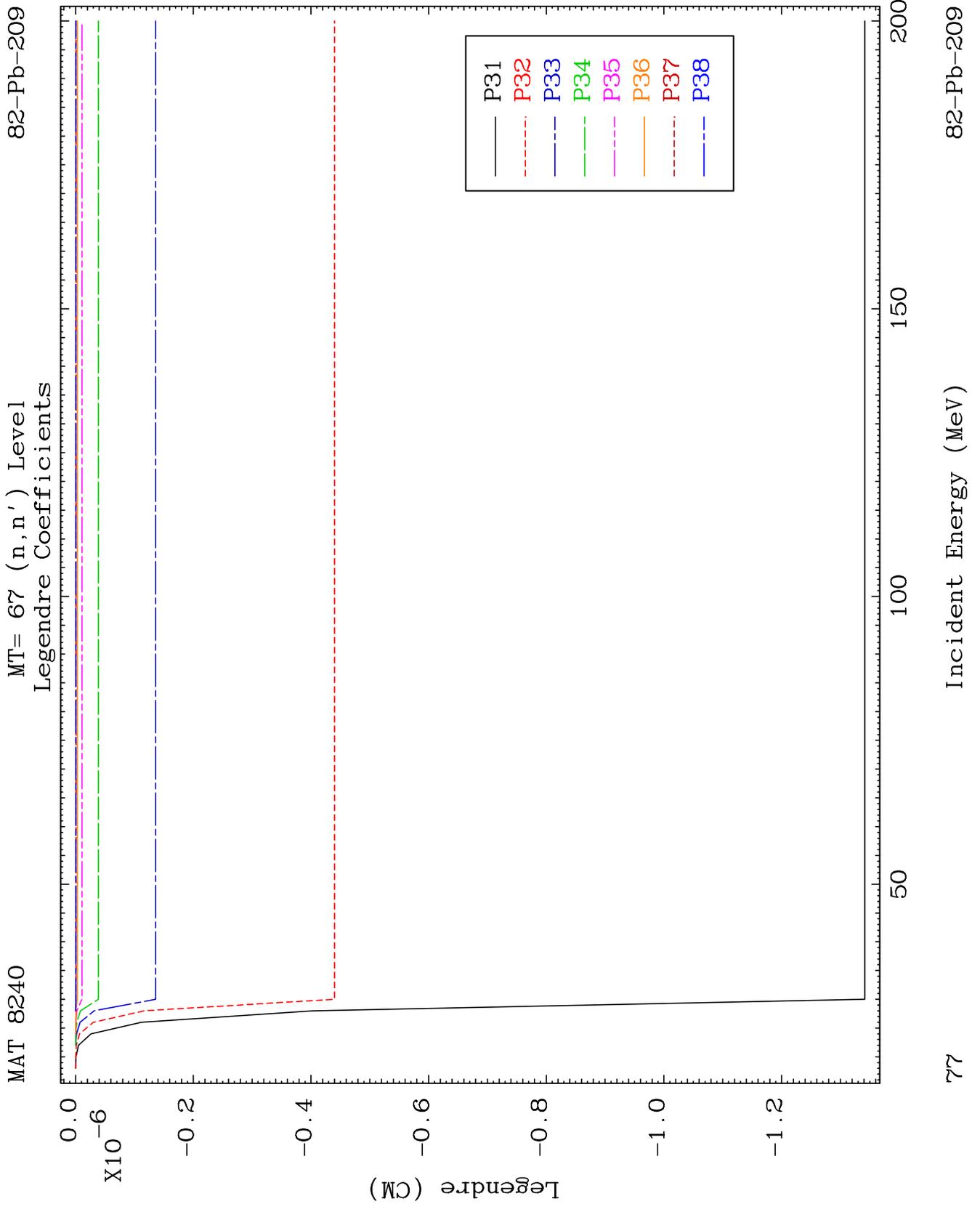
82-Pb-209

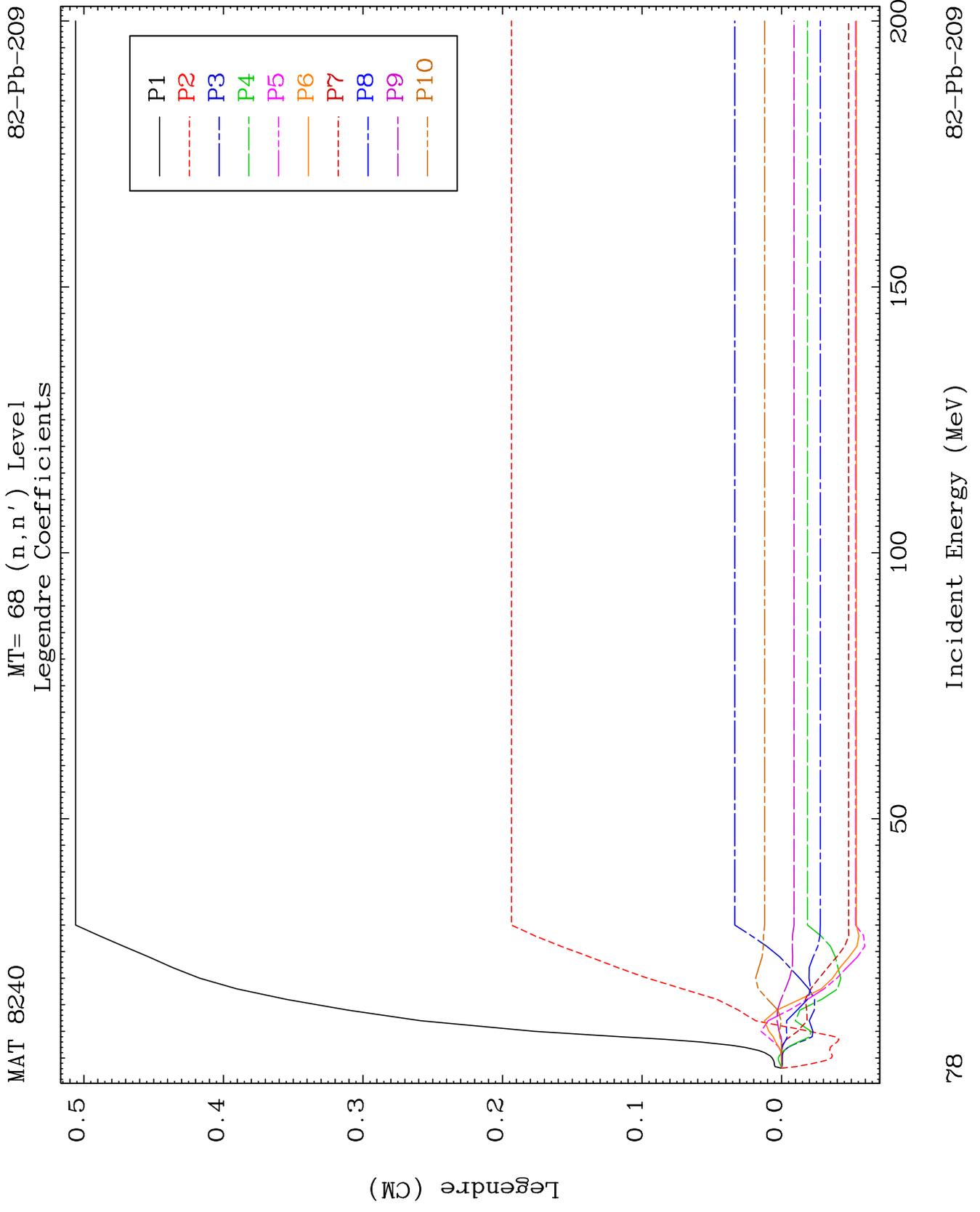


76

Incident Energy (MeV)

82-Pb-209

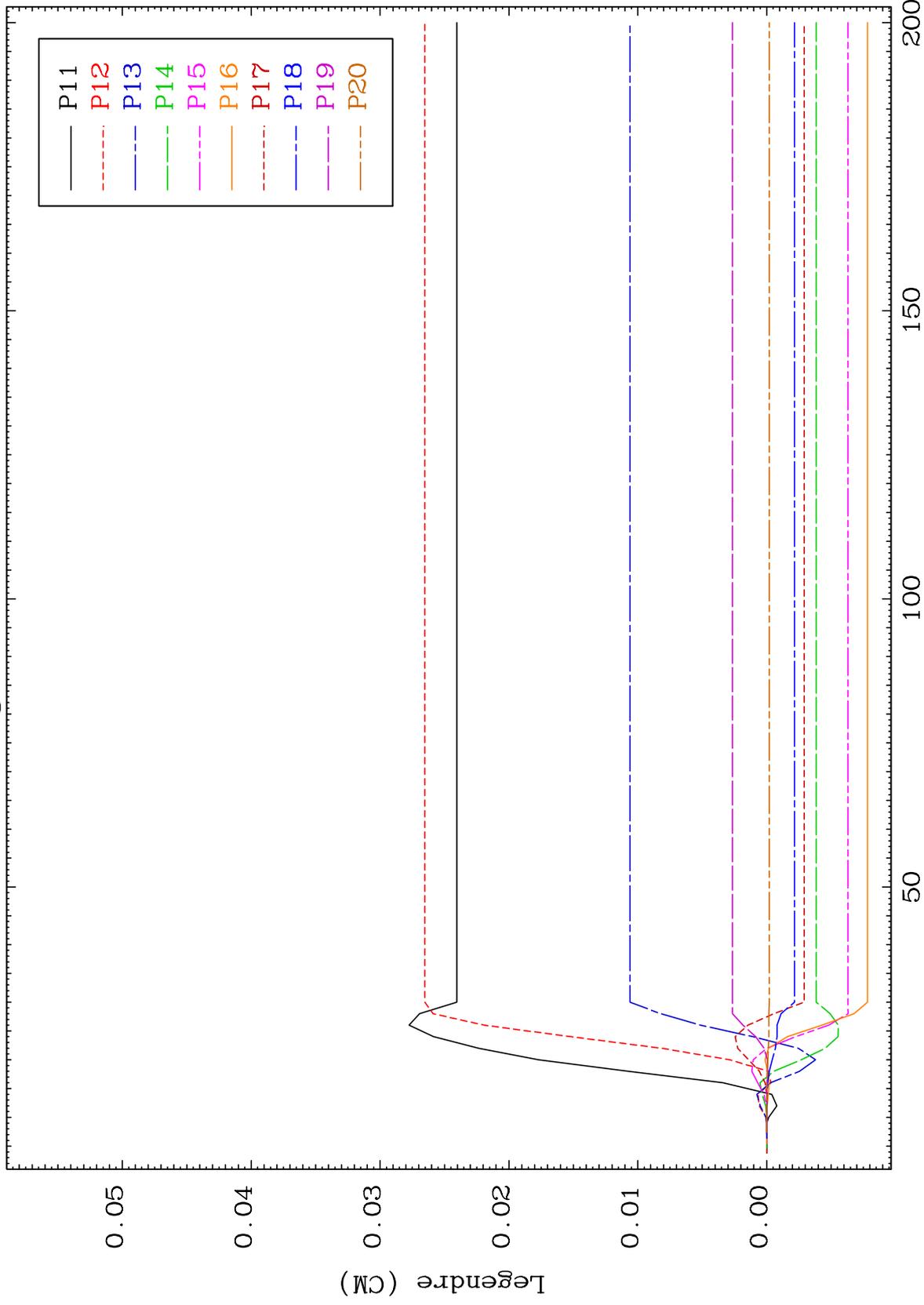




MAT 8240

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

82-Pb-209



79

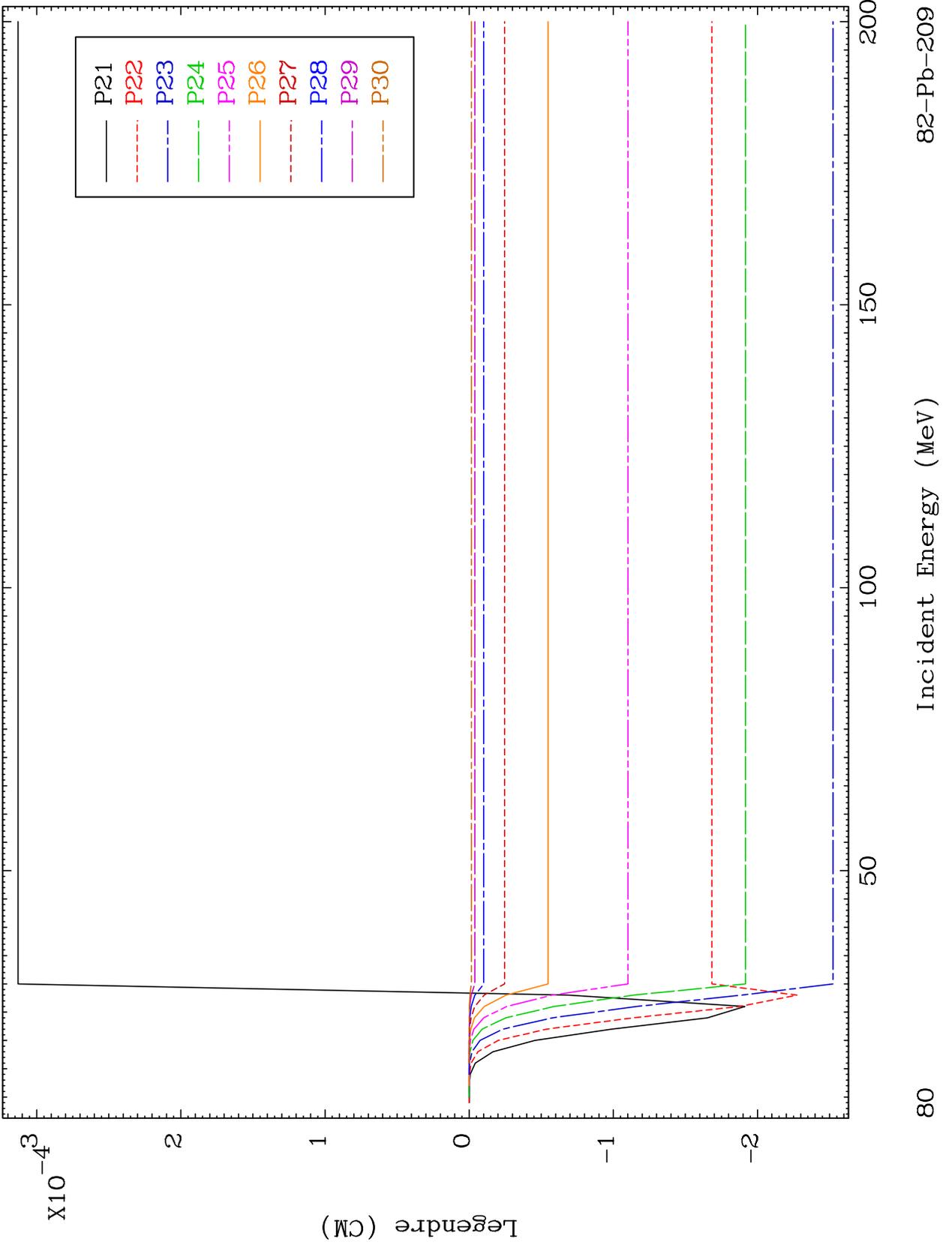
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

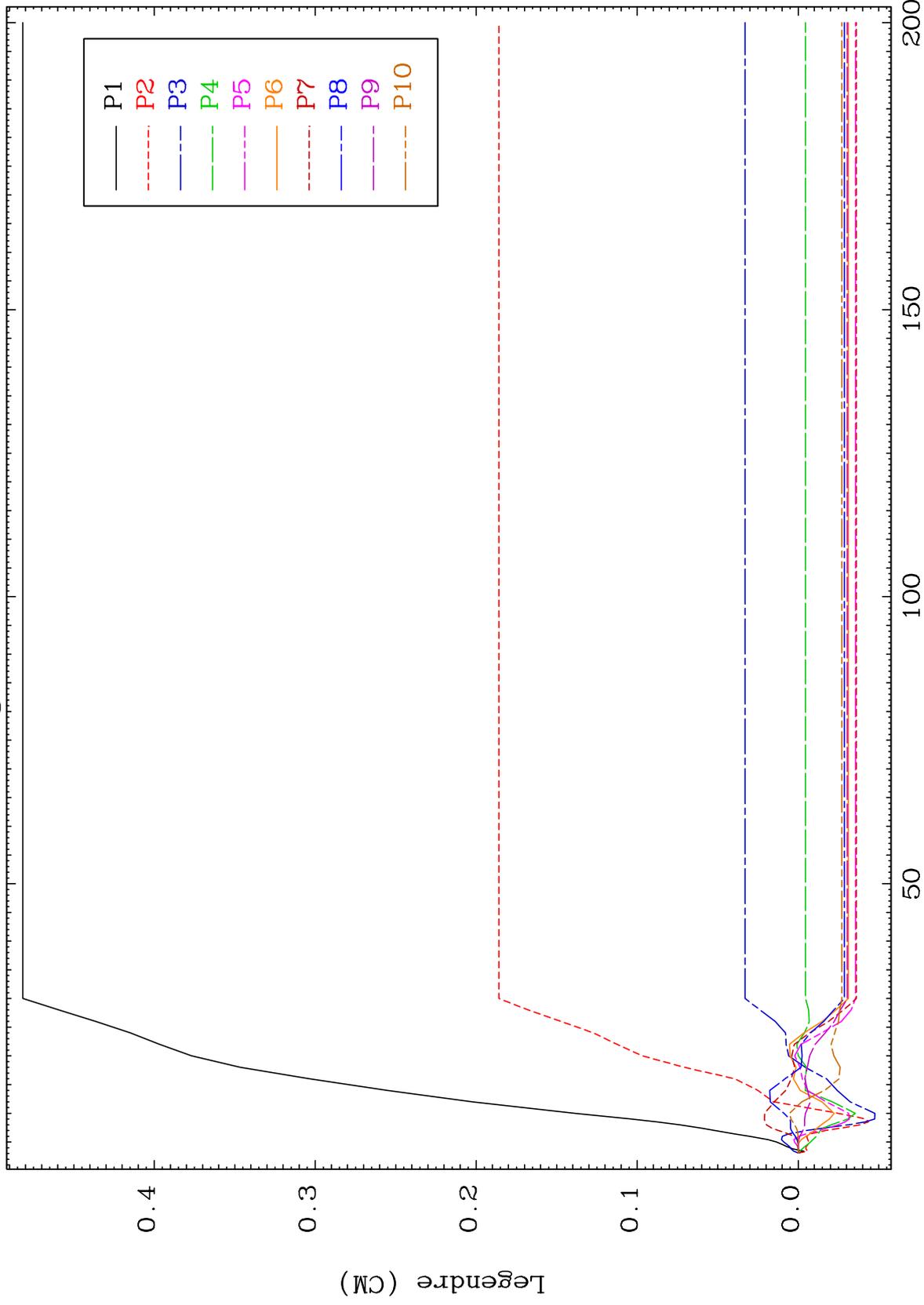
82-Pb-209



MAT 8240

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

82-Pb-209



82

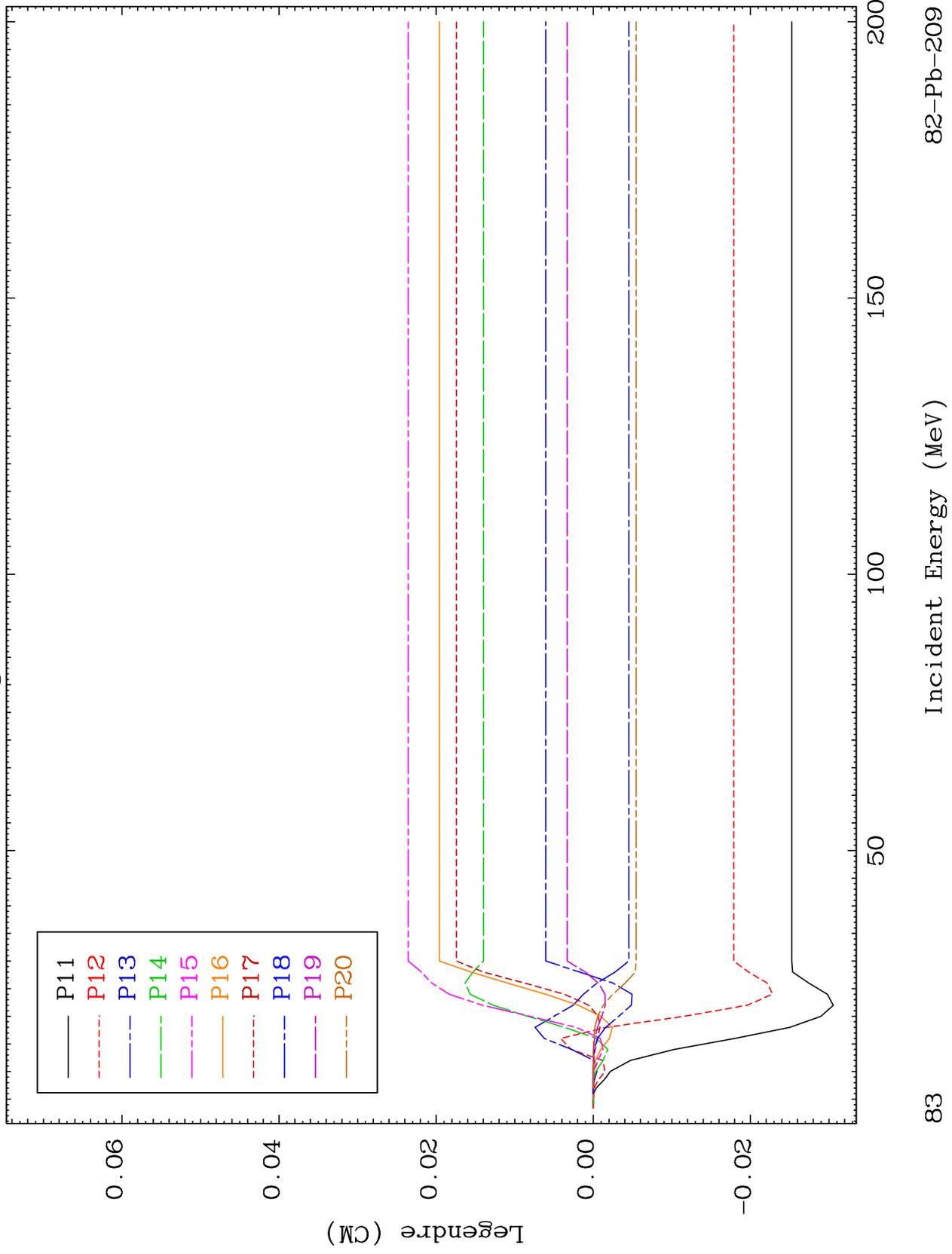
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

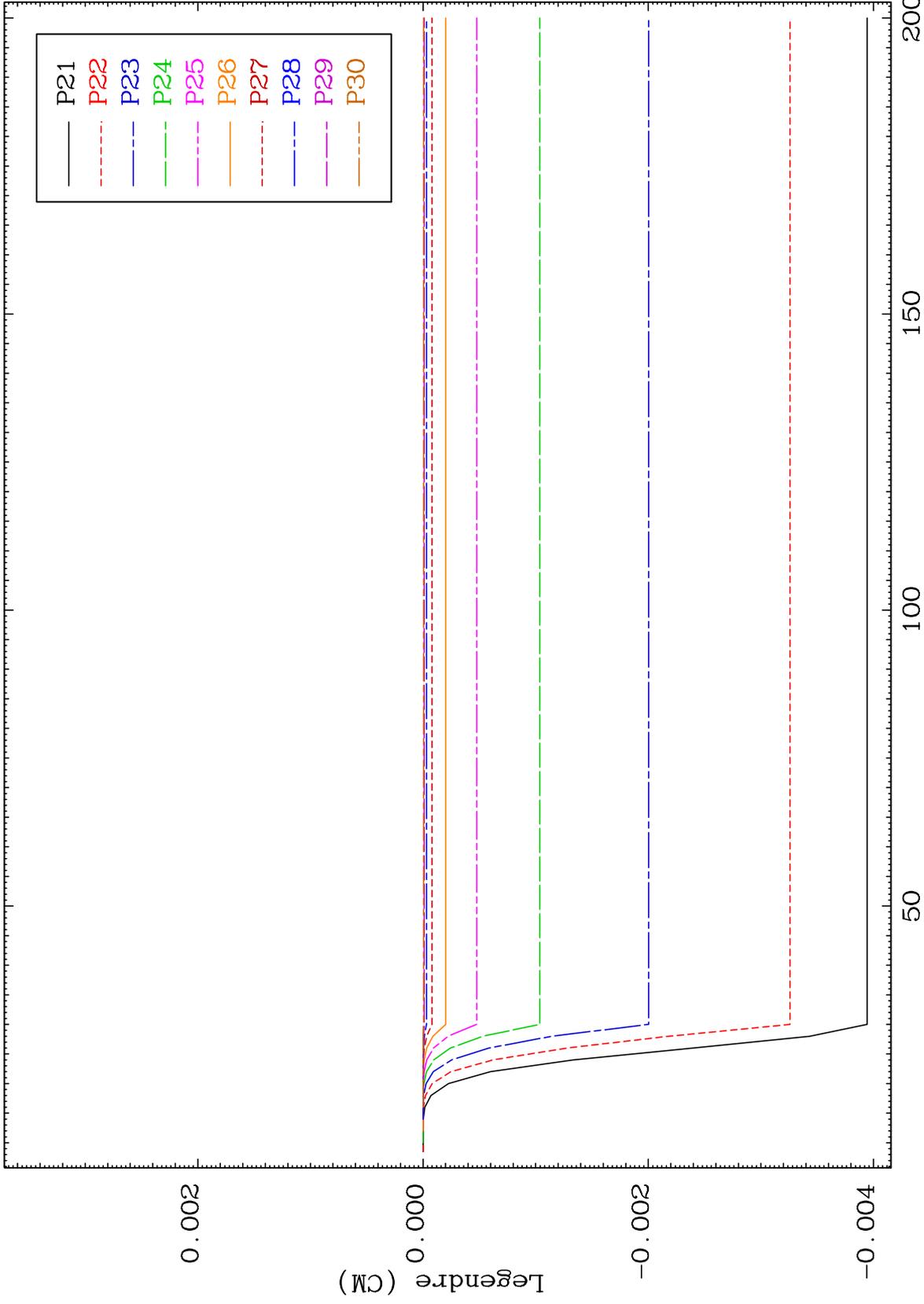
82-Pb-209



MAT 8240

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

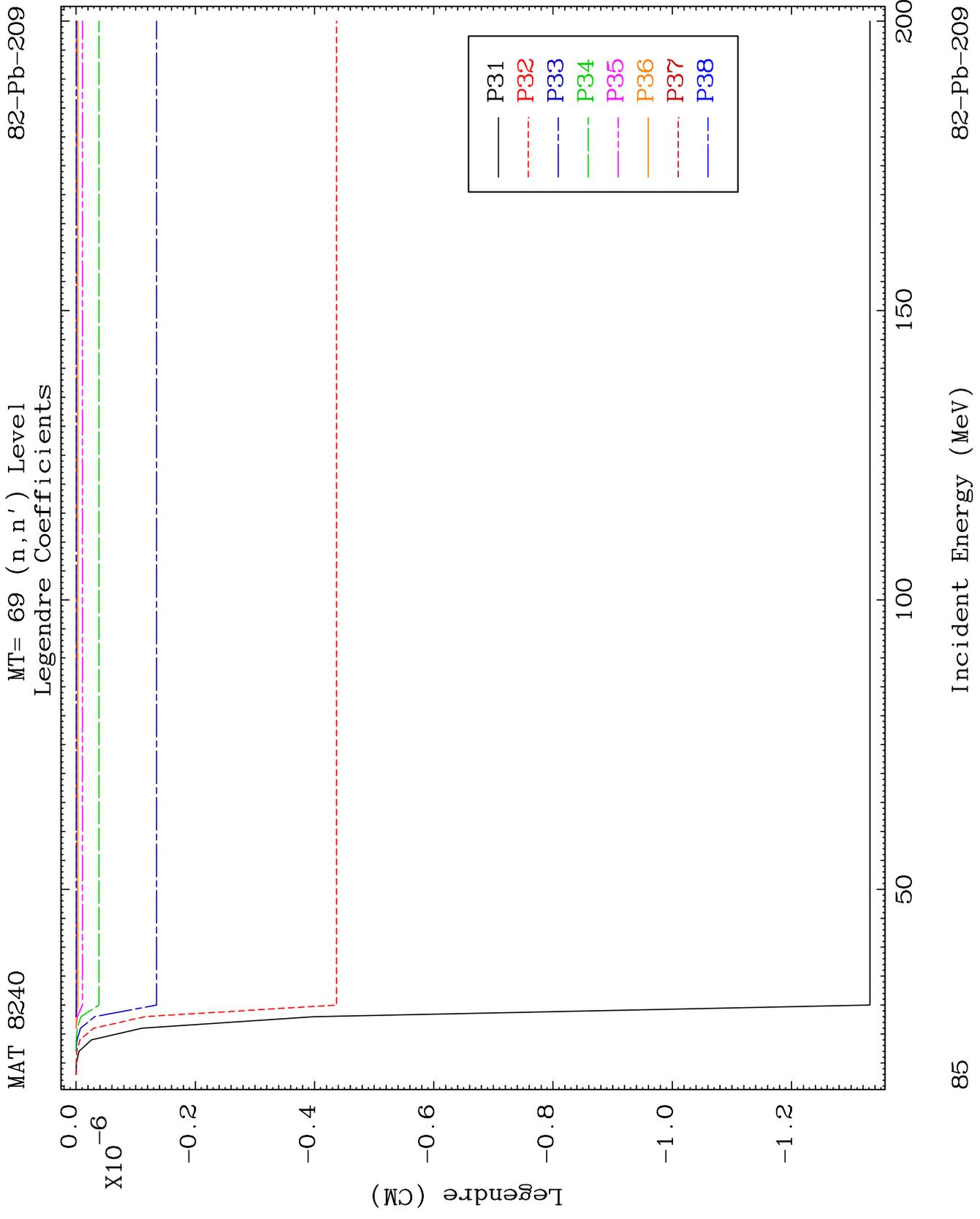
82-Pb-209



84

Incident Energy (MeV)

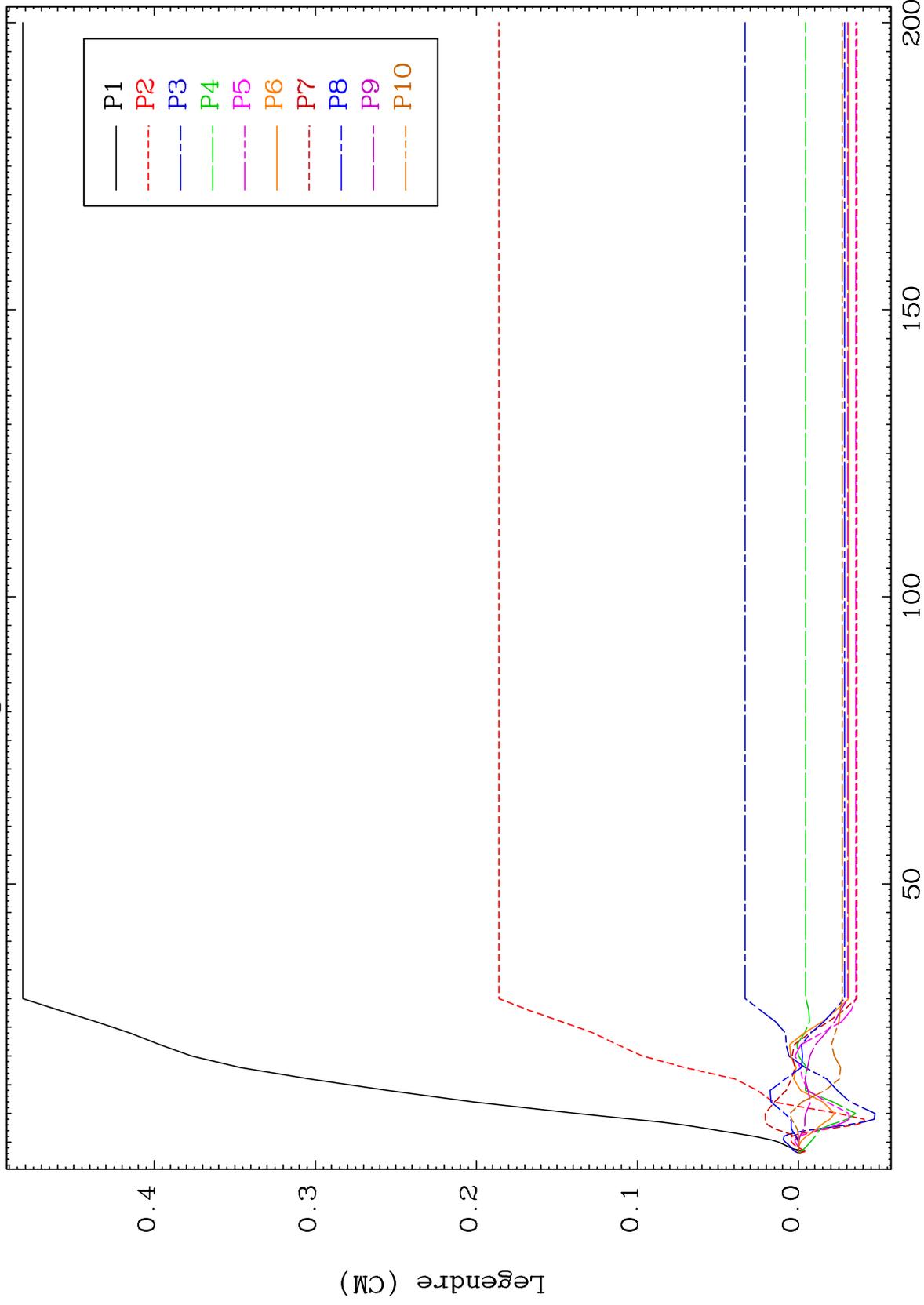
82-Pb-209



MAT 8240

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

82-Pb-209



86

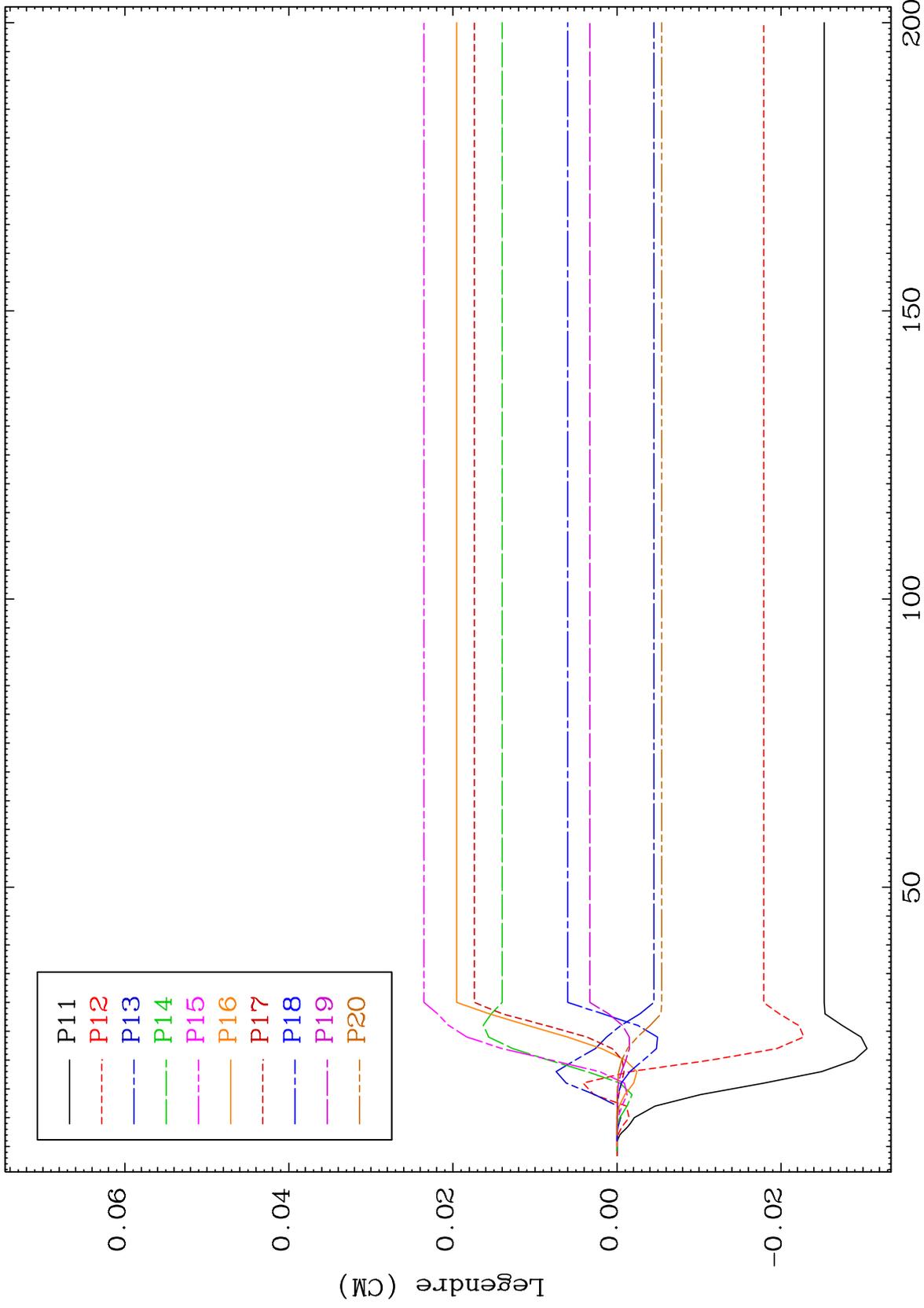
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



87

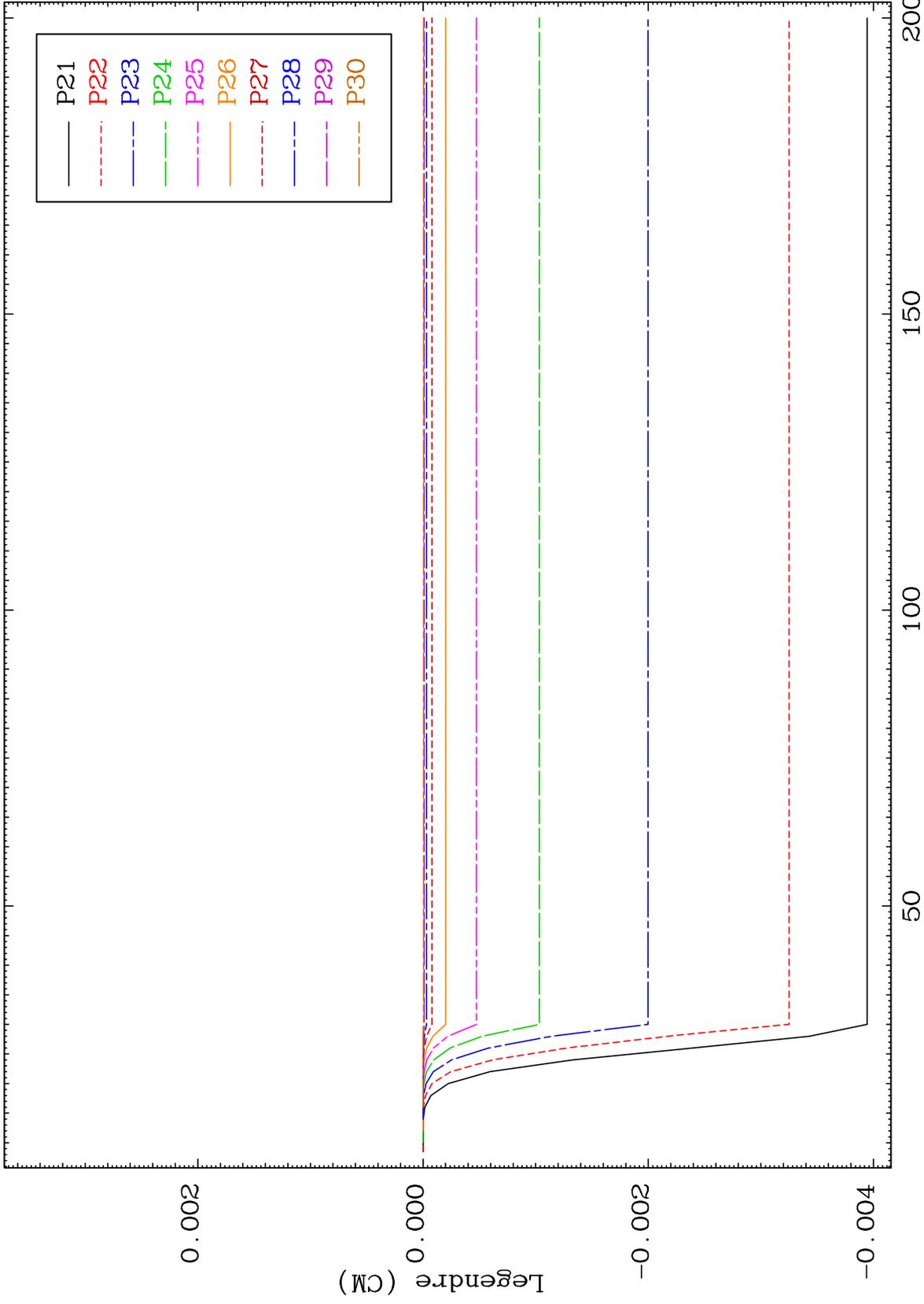
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

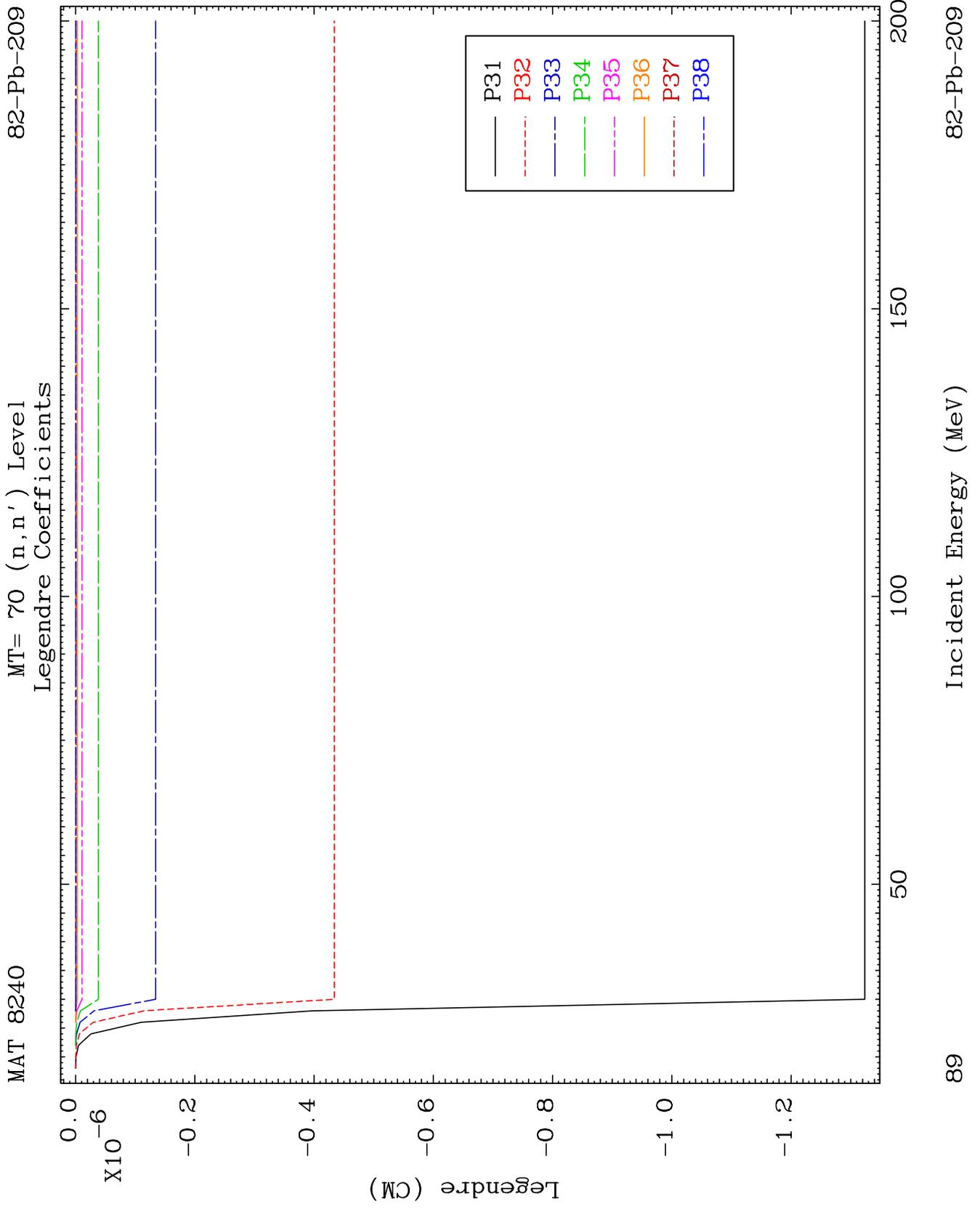
82-Pb-209

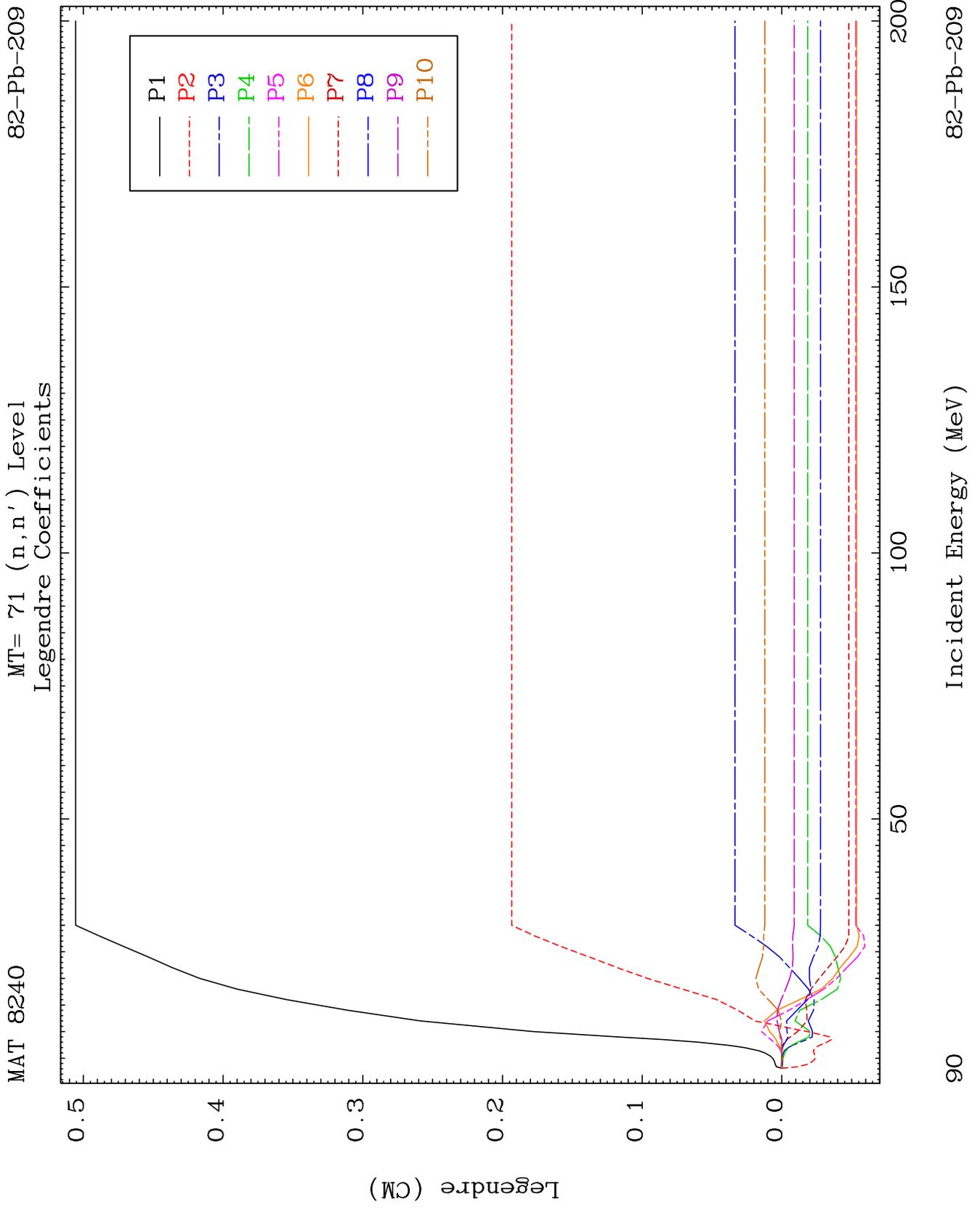


88

Incident Energy (MeV)

82-Pb-209

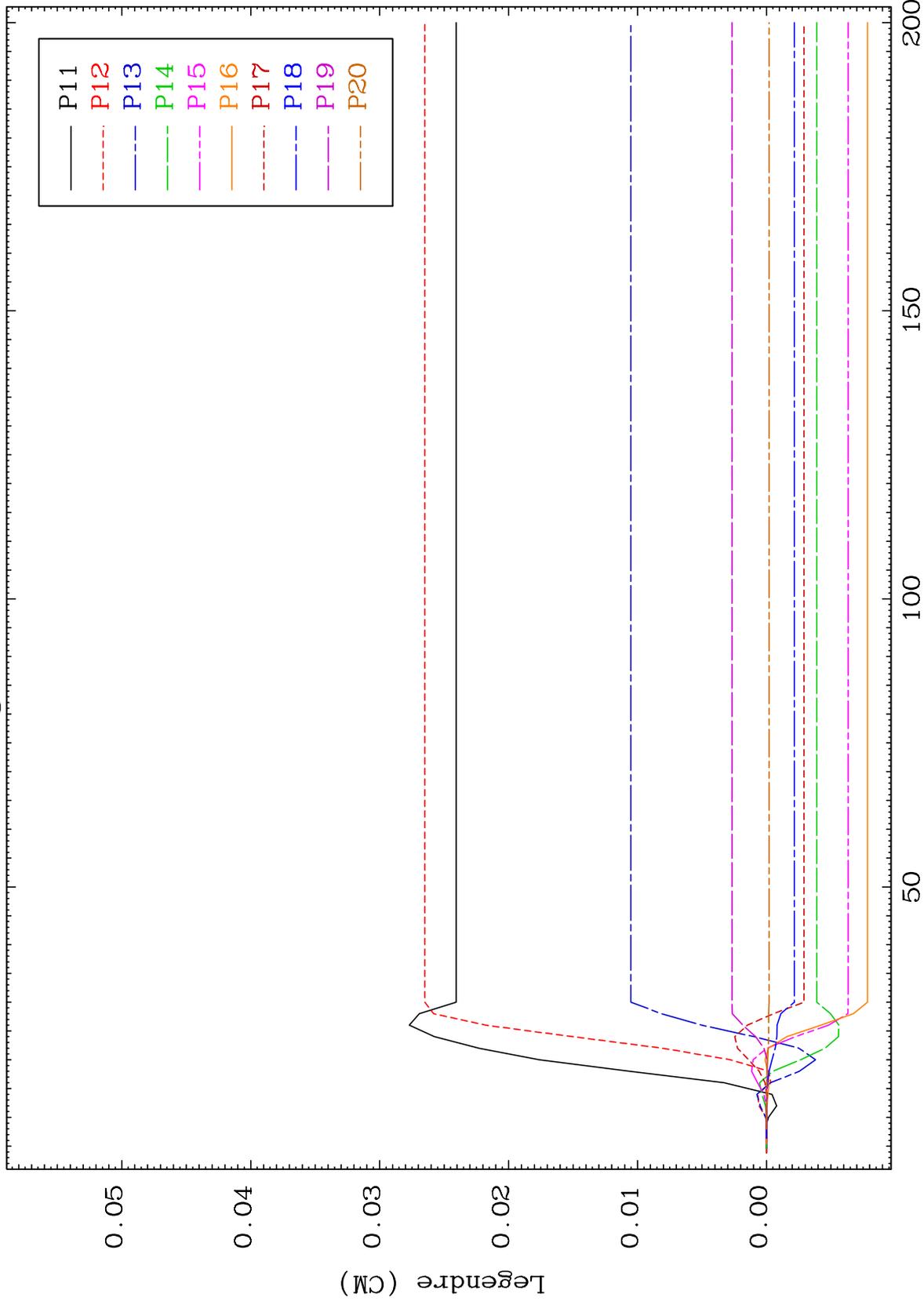




MAT 8240

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

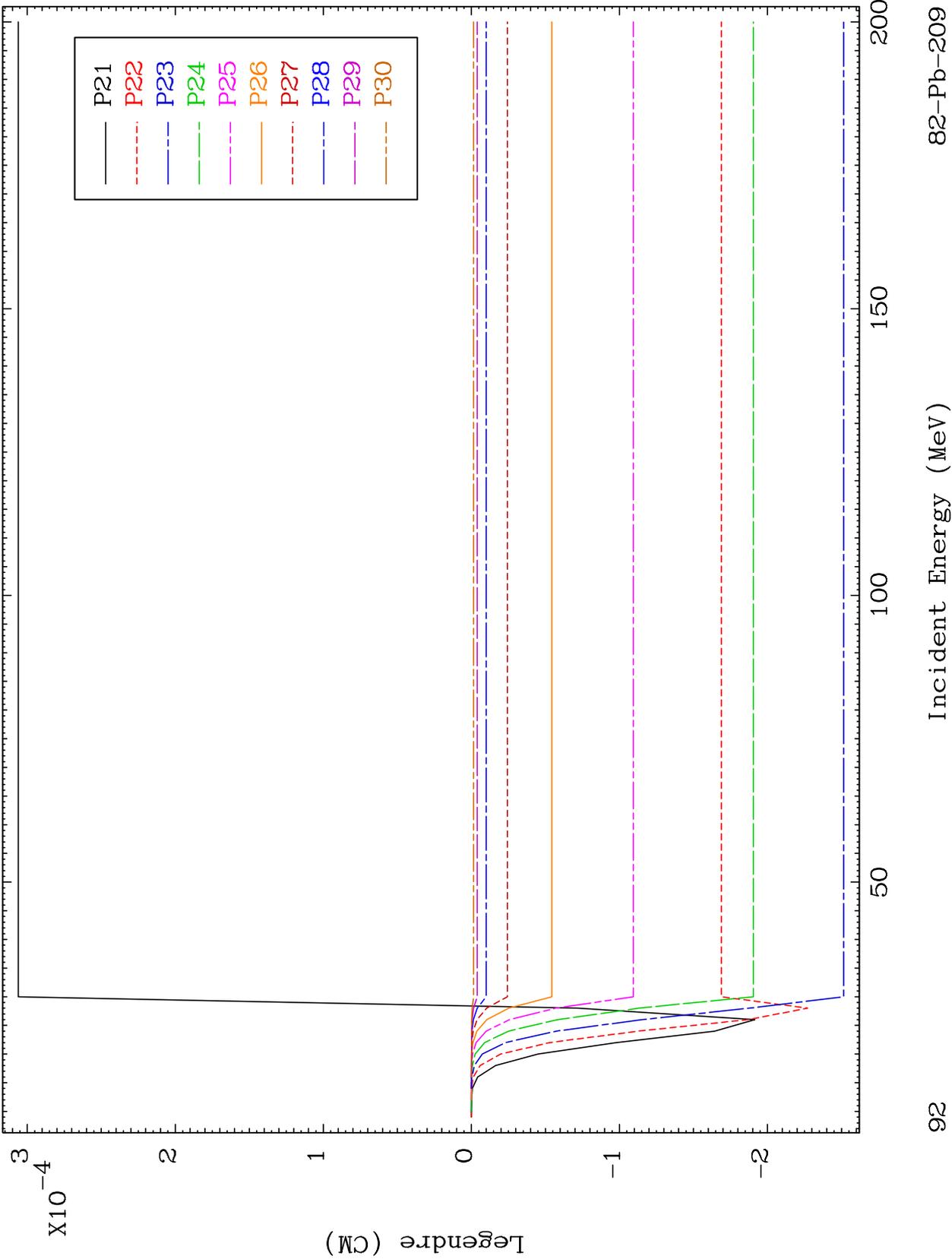
82-Pb-209

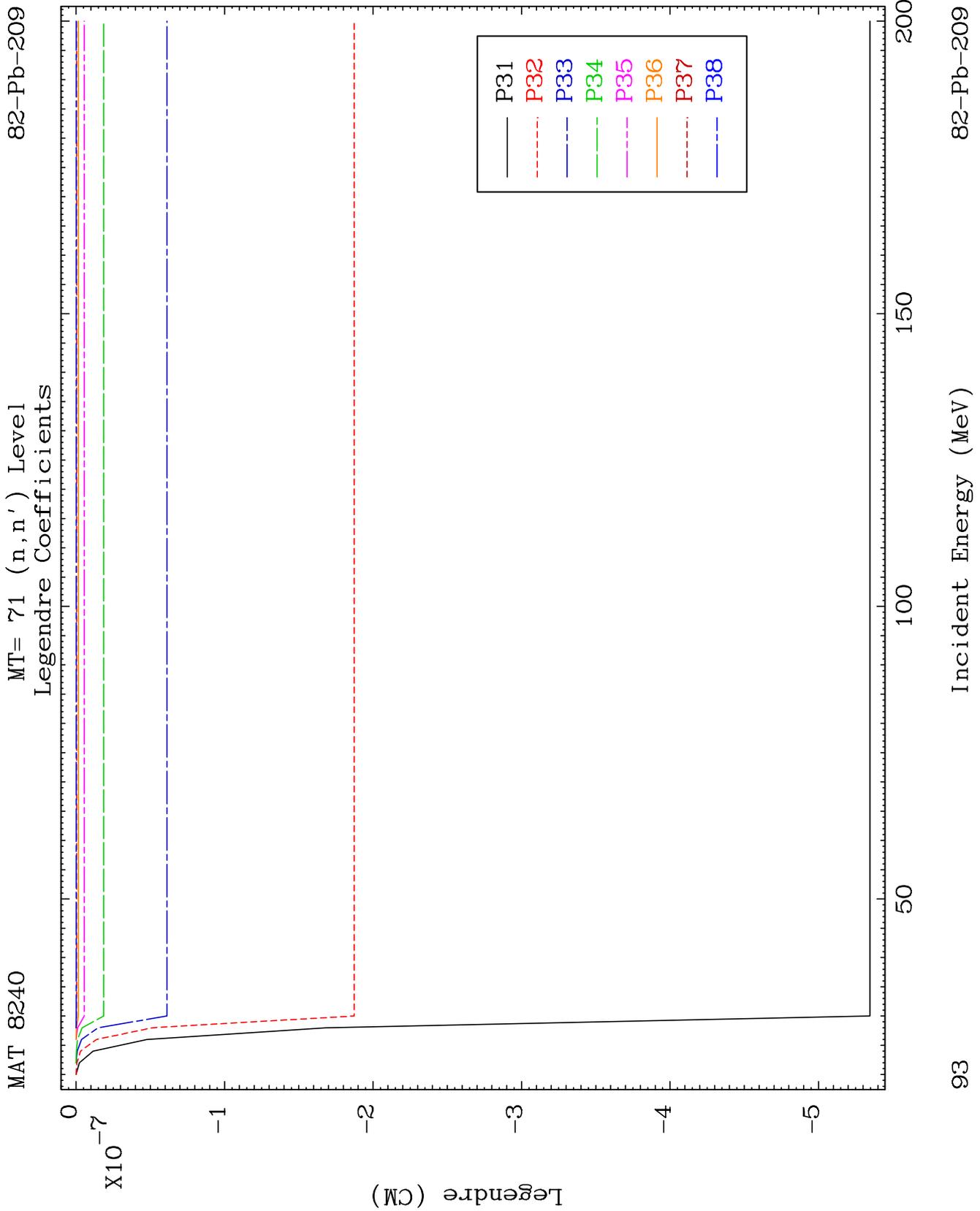


MAT 8240

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

82-Pb-209

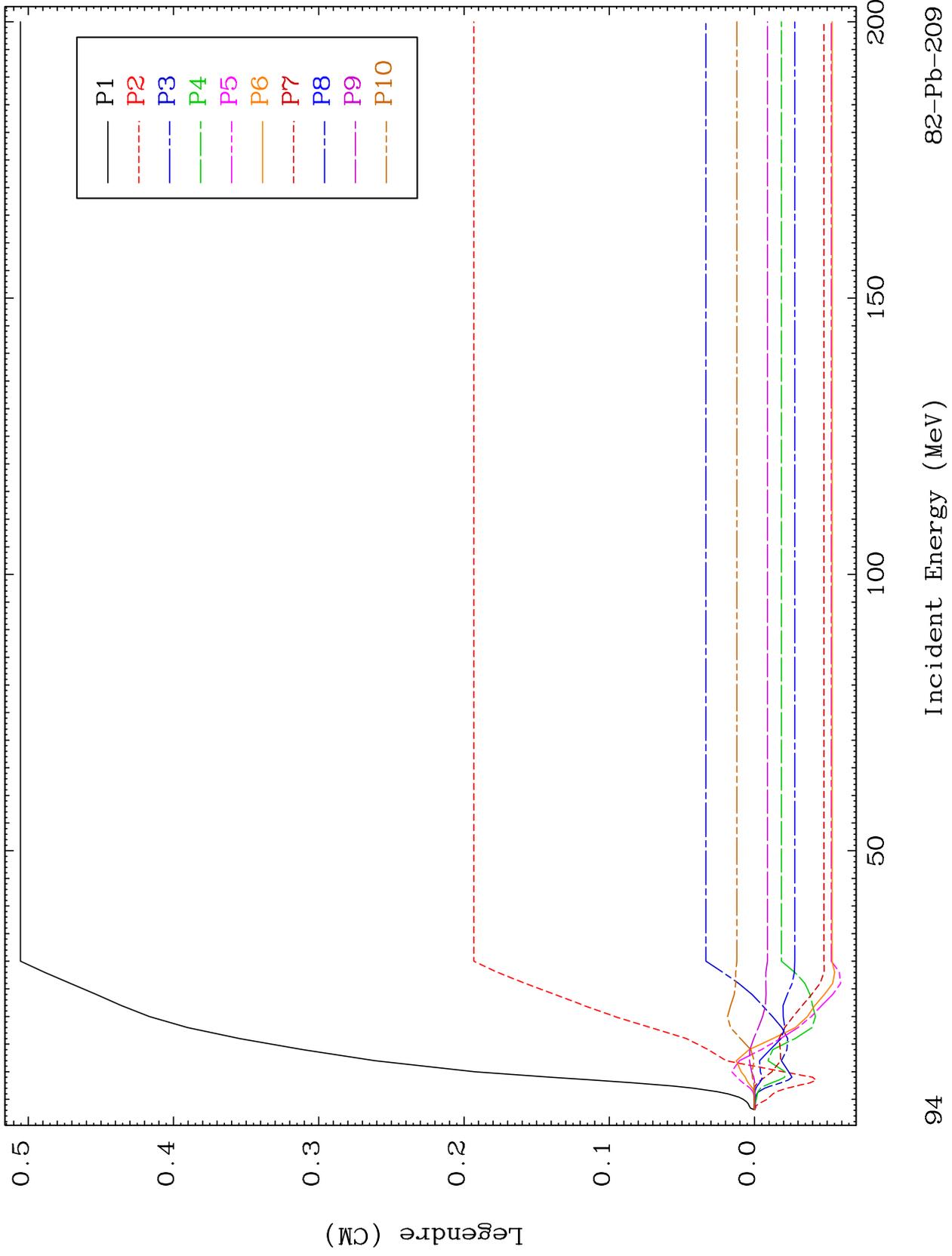




MAT 8240

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

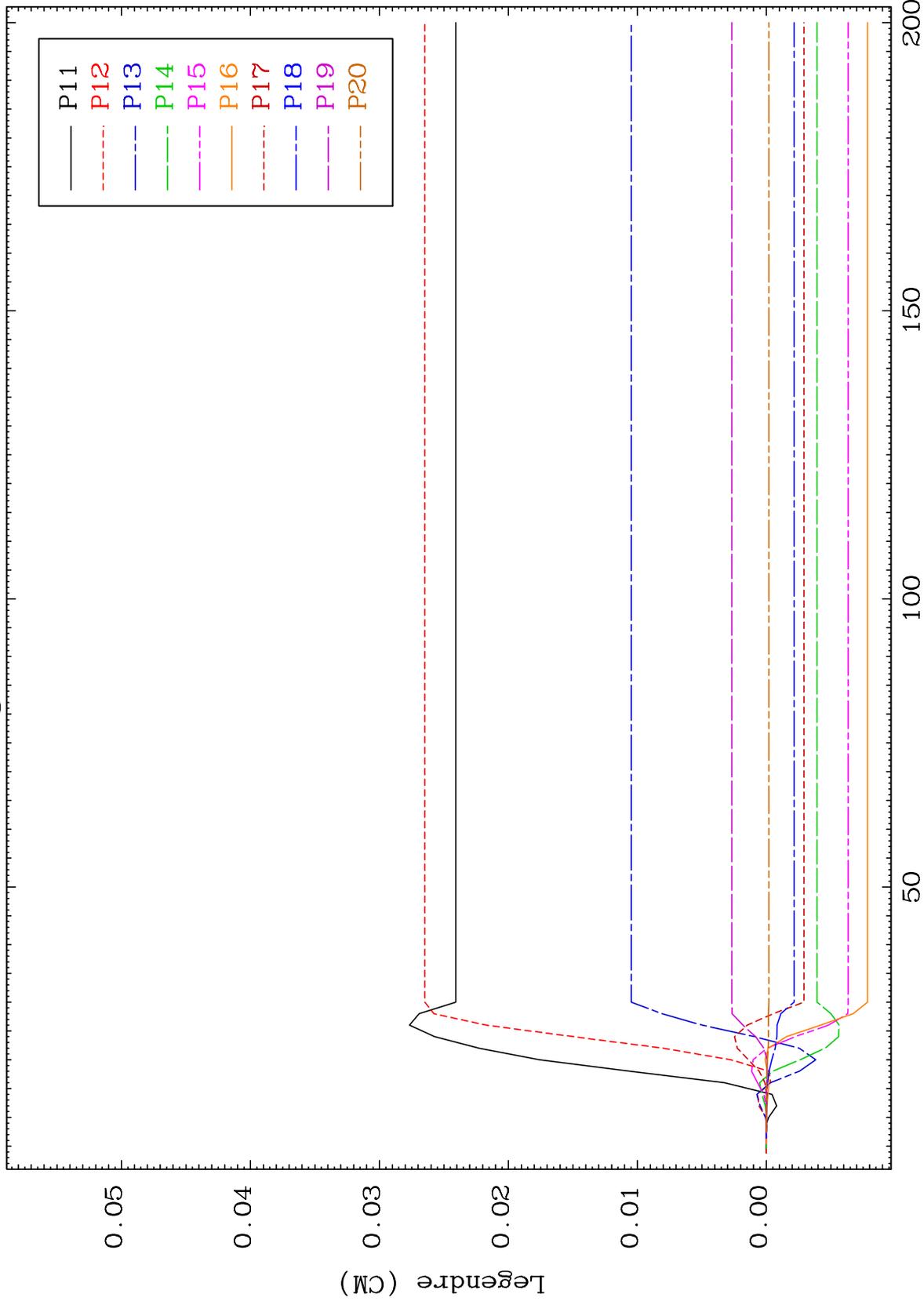
82-Pb-209



MAT 8240

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

82-Pb-209



95

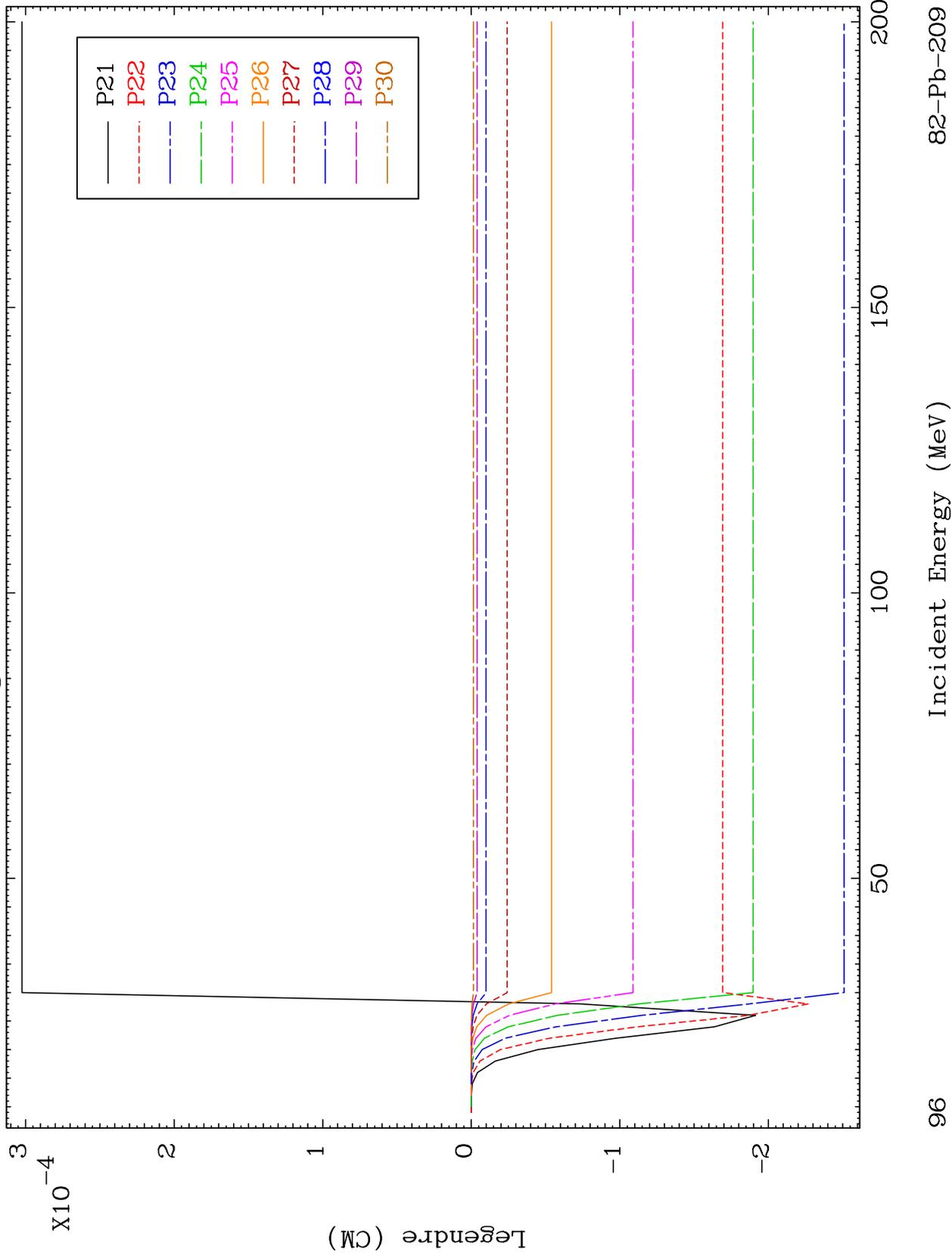
Incident Energy (MeV)

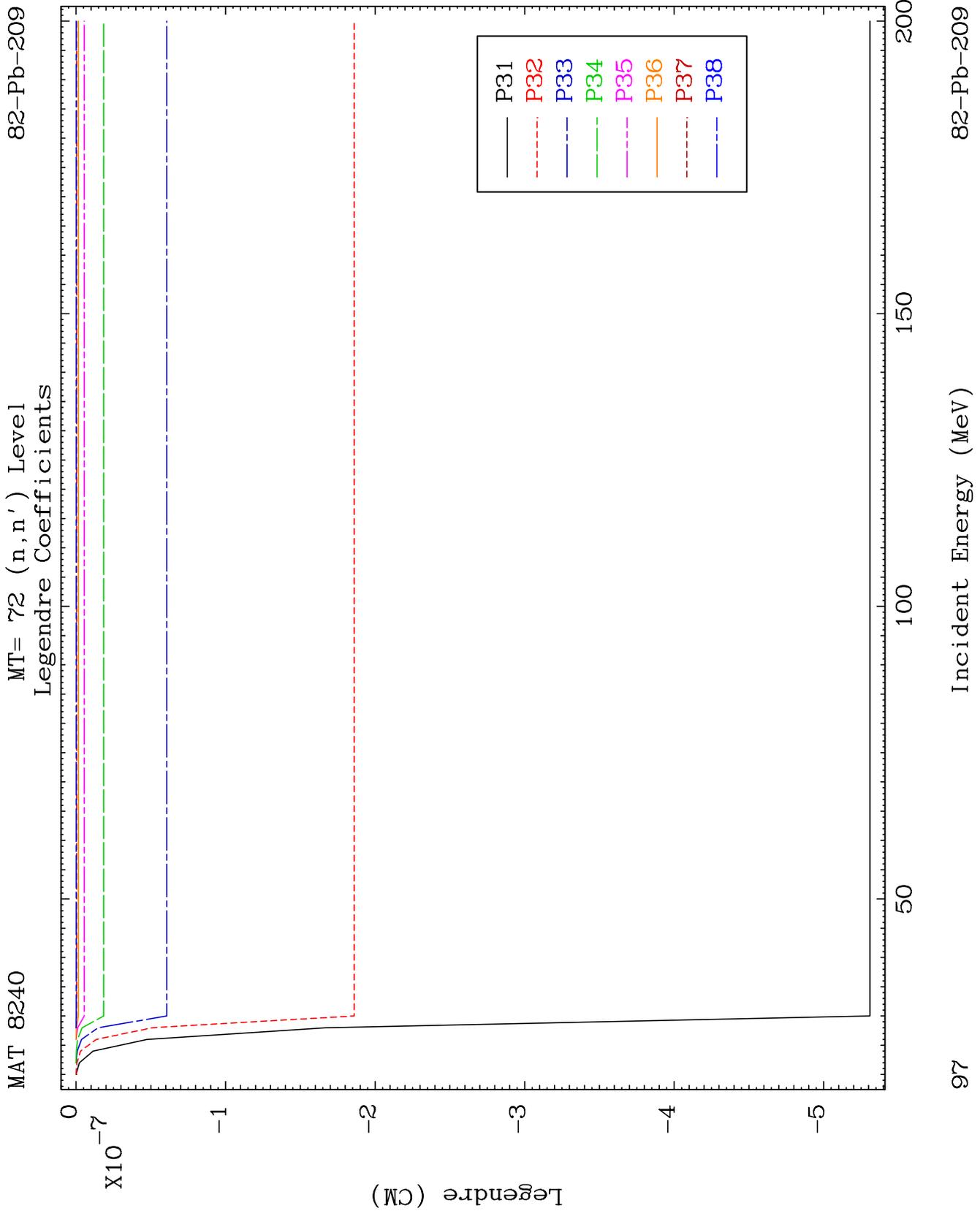
82-Pb-209

MAT 8240

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

82-Pb-209

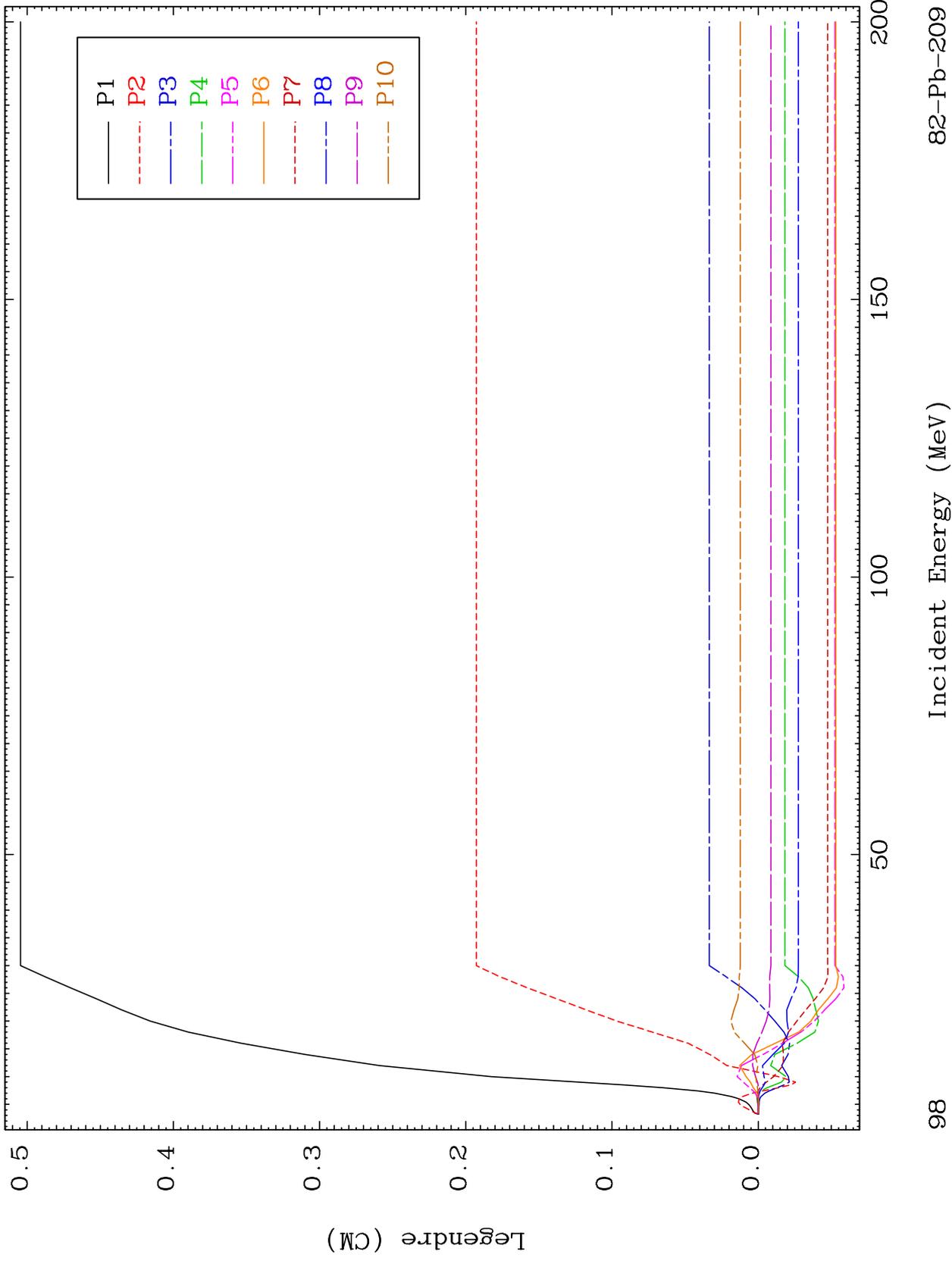




MAT 8240

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

82-Pb-209



98

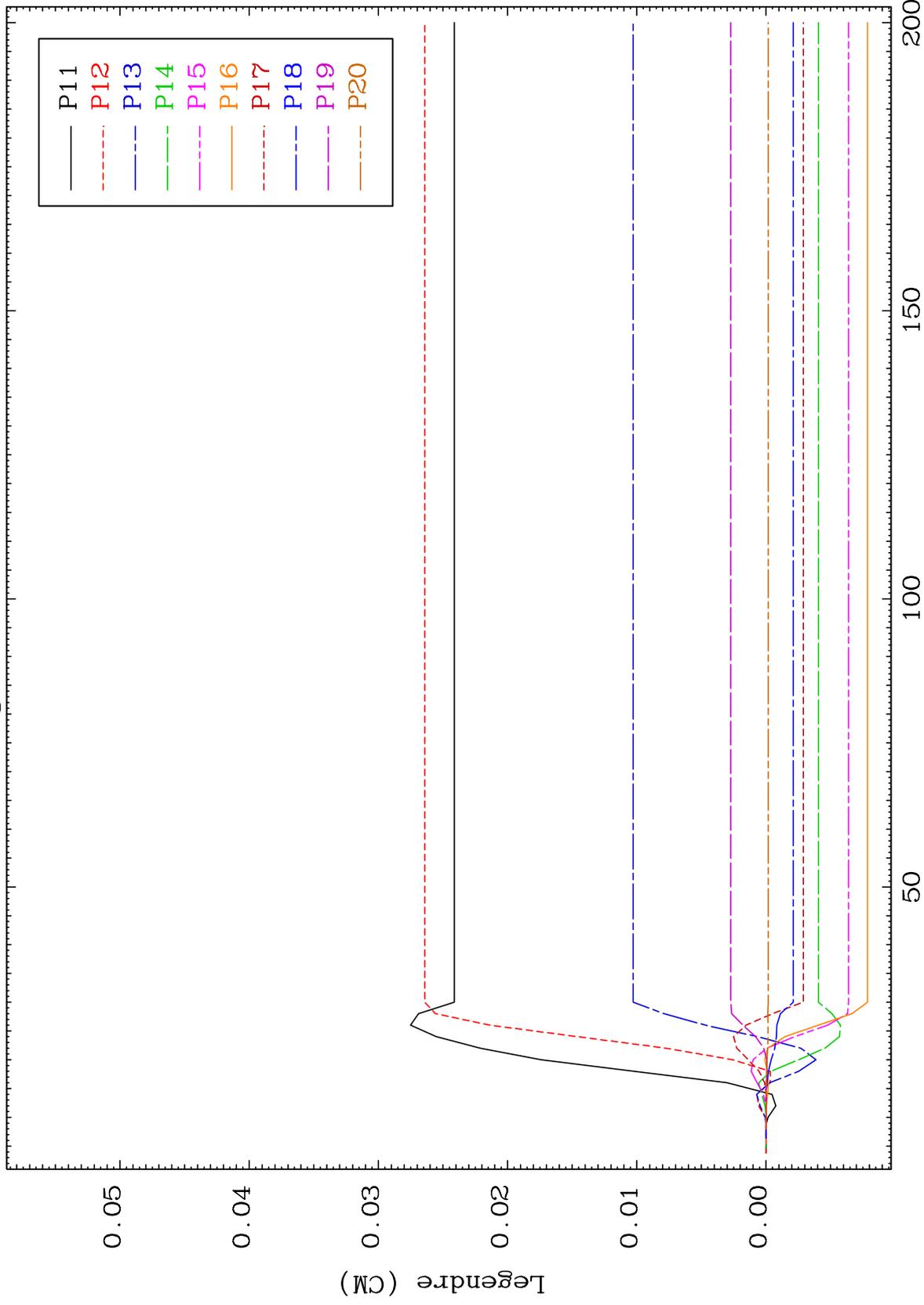
Incident Energy (MeV)

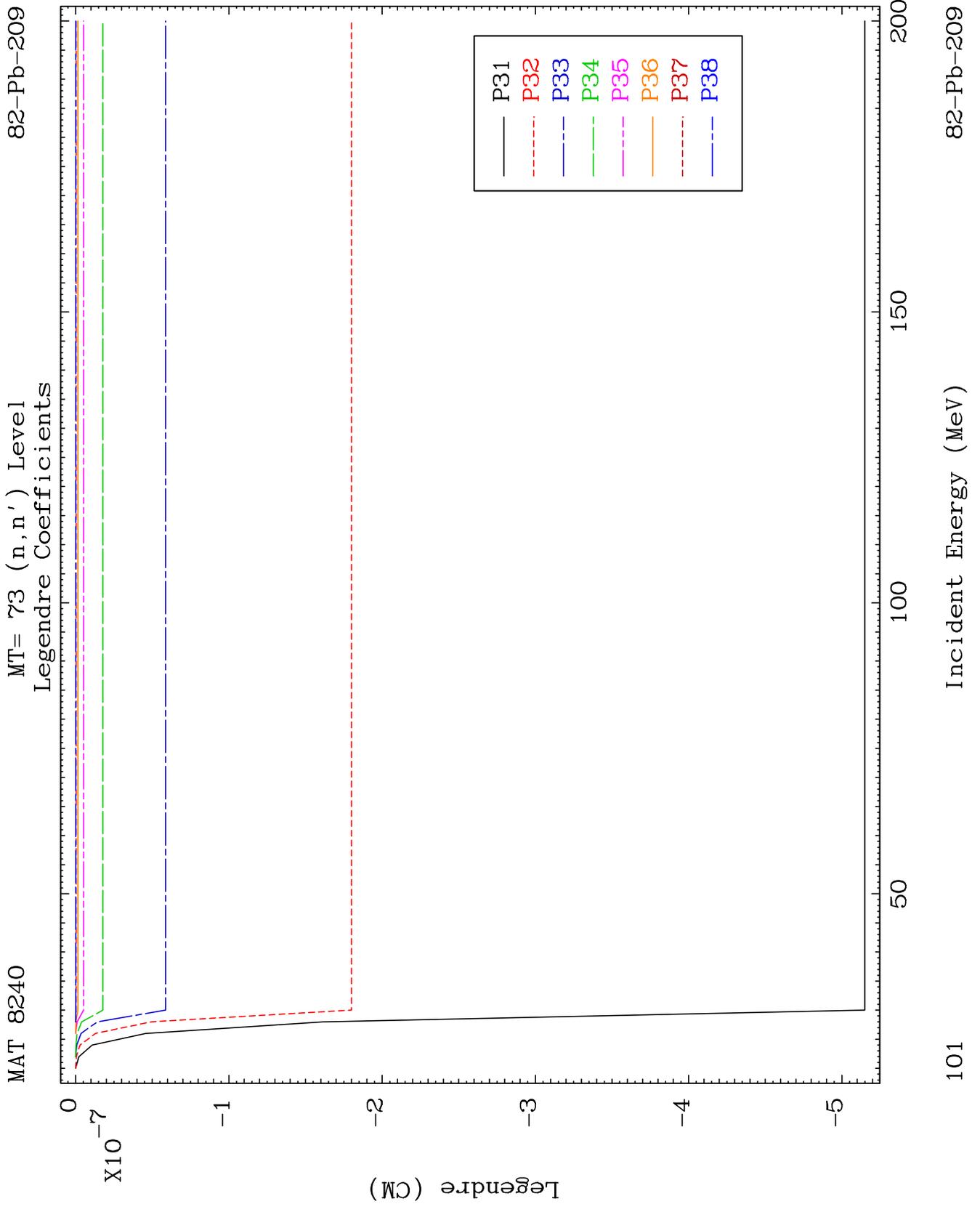
82-Pb-209

MAT 8240

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

82-Pb-209

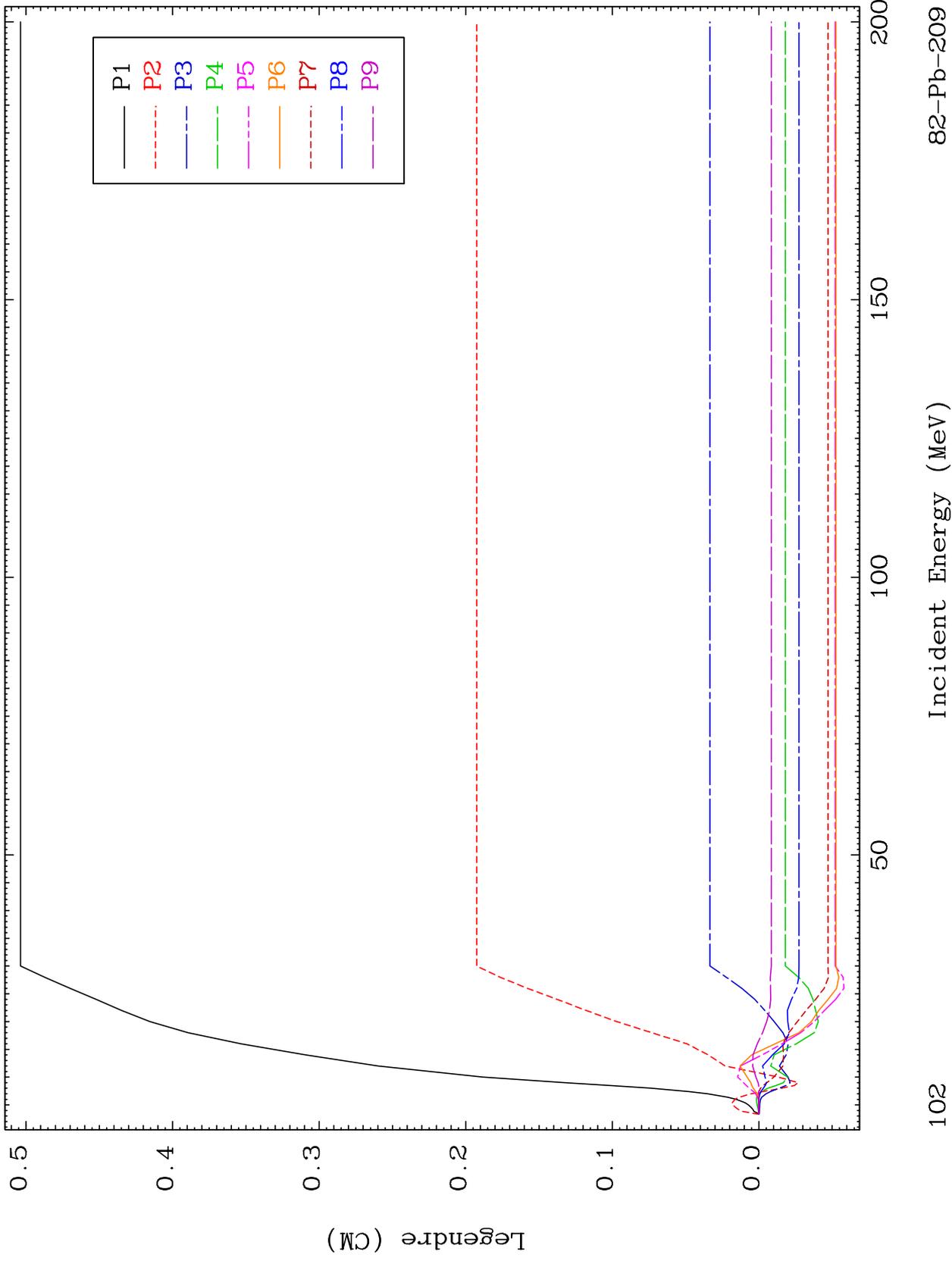




MAT 8240

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

82-Pb-209



102

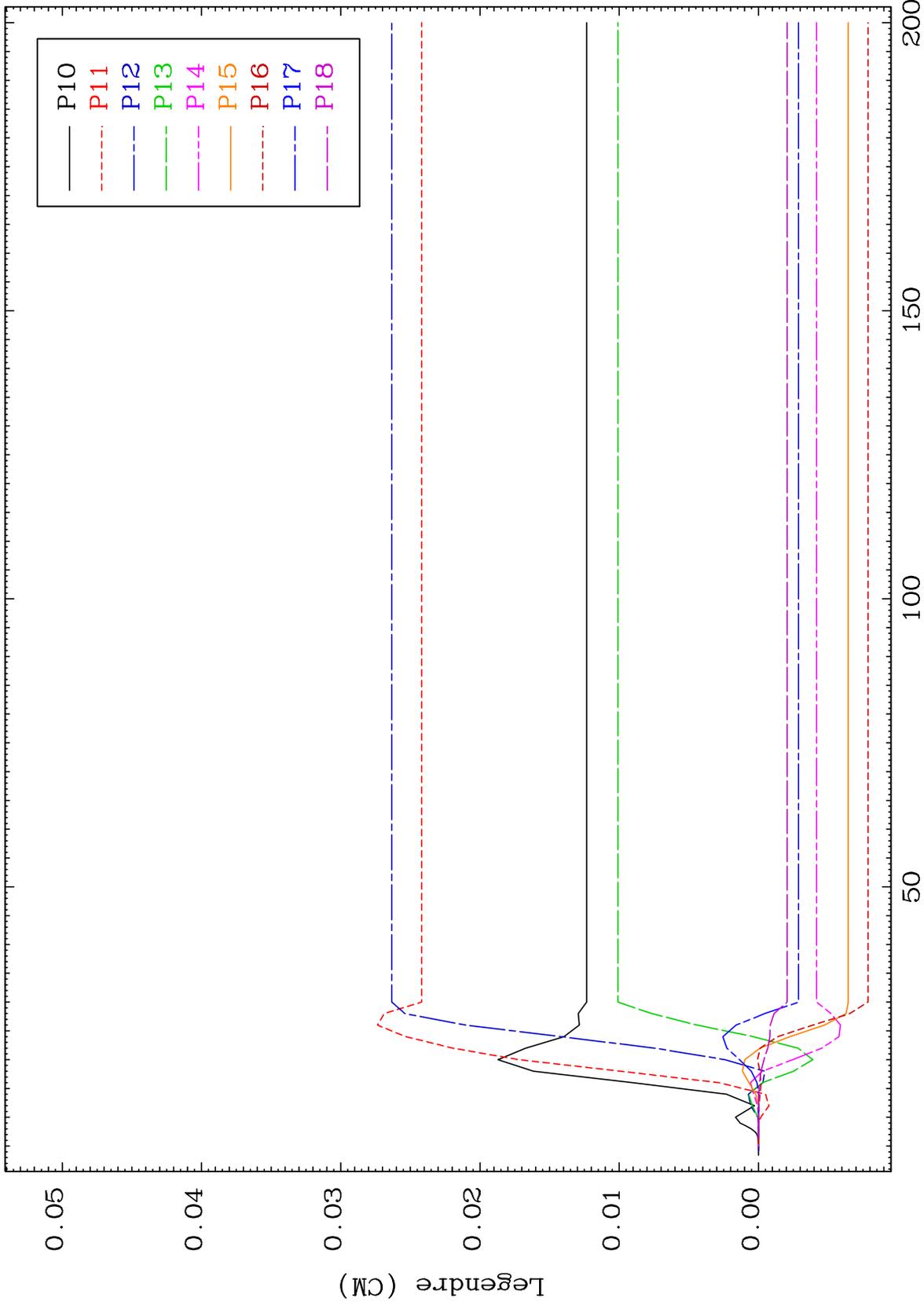
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



103

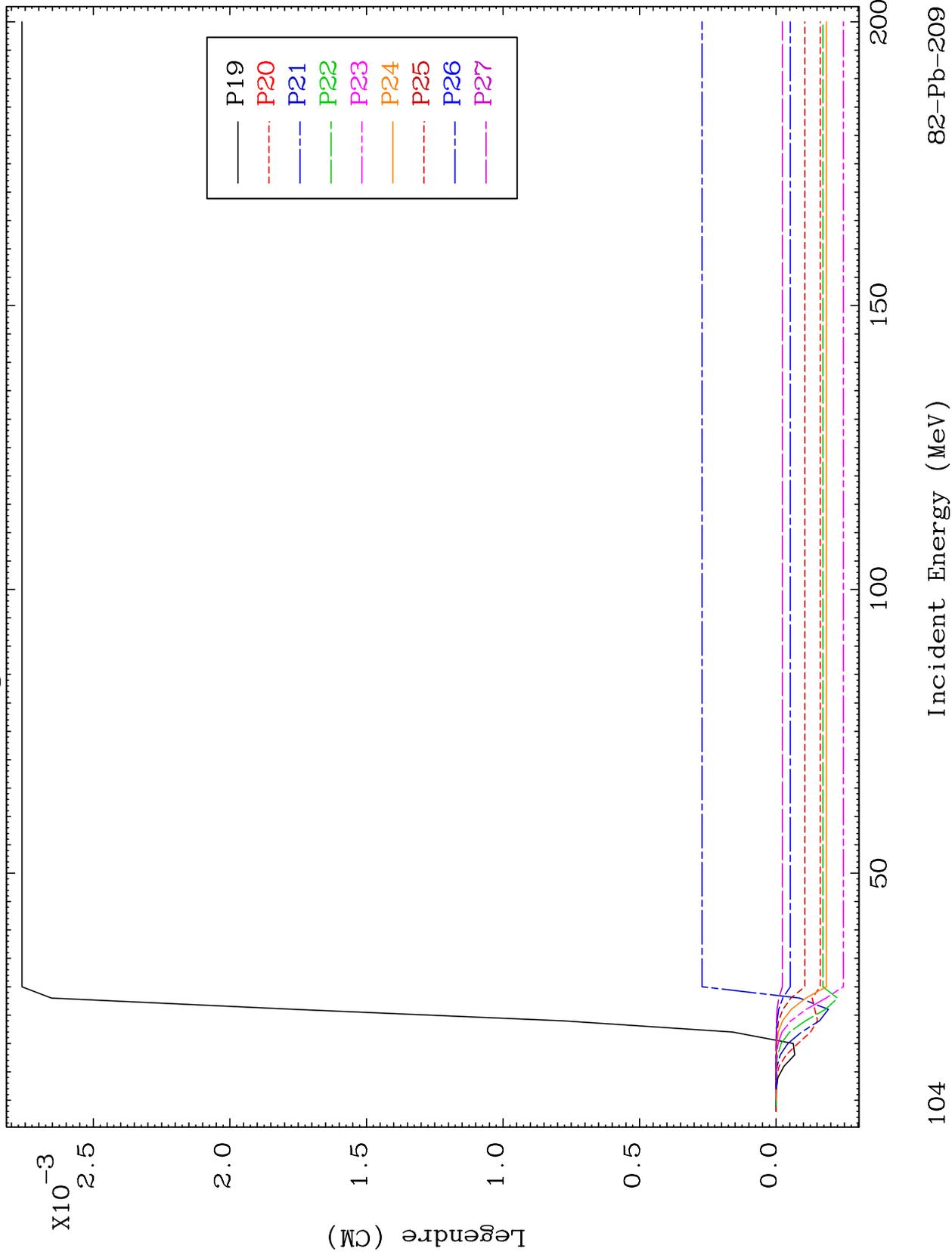
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

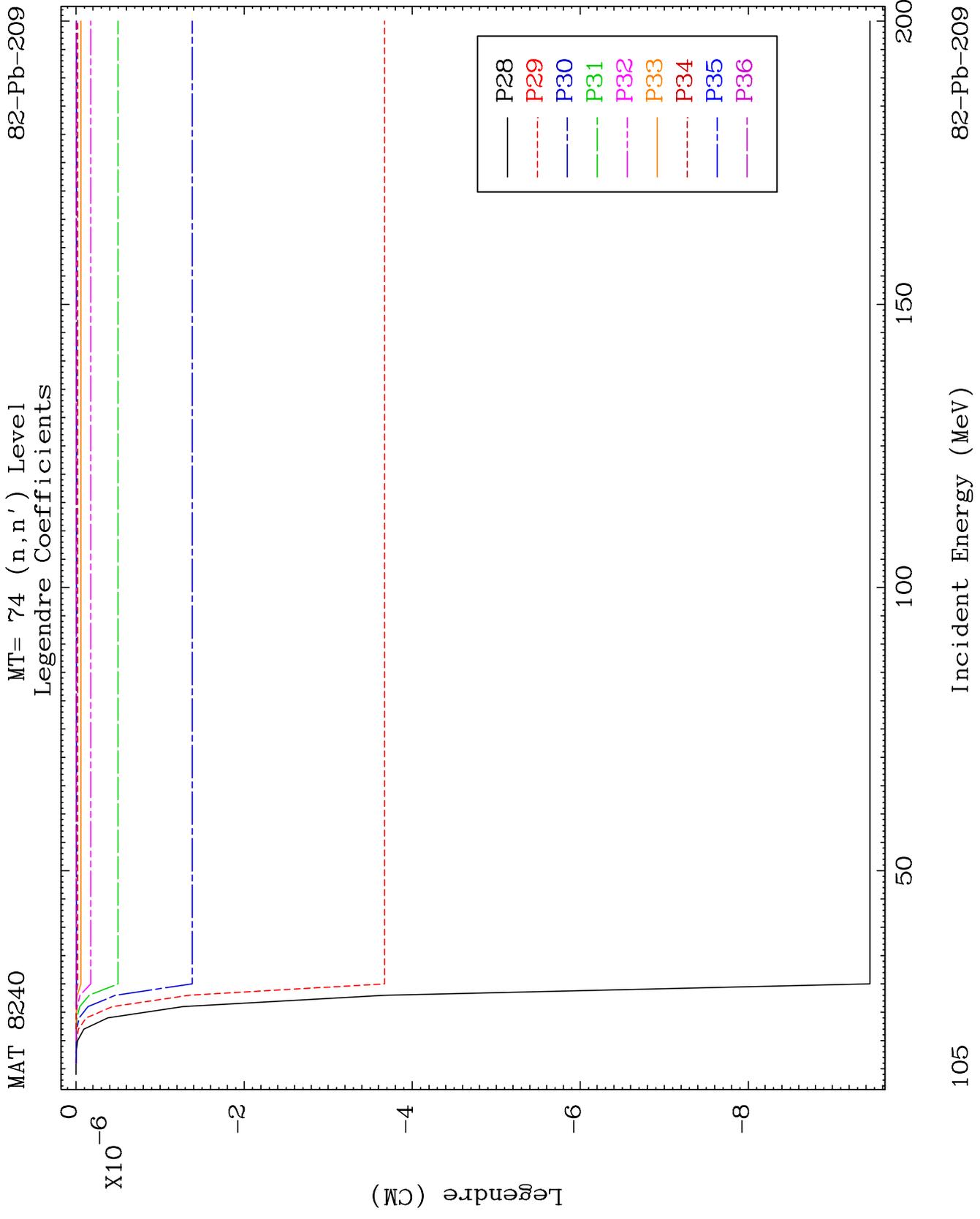
82-Pb-209



104

Incident Energy (MeV)

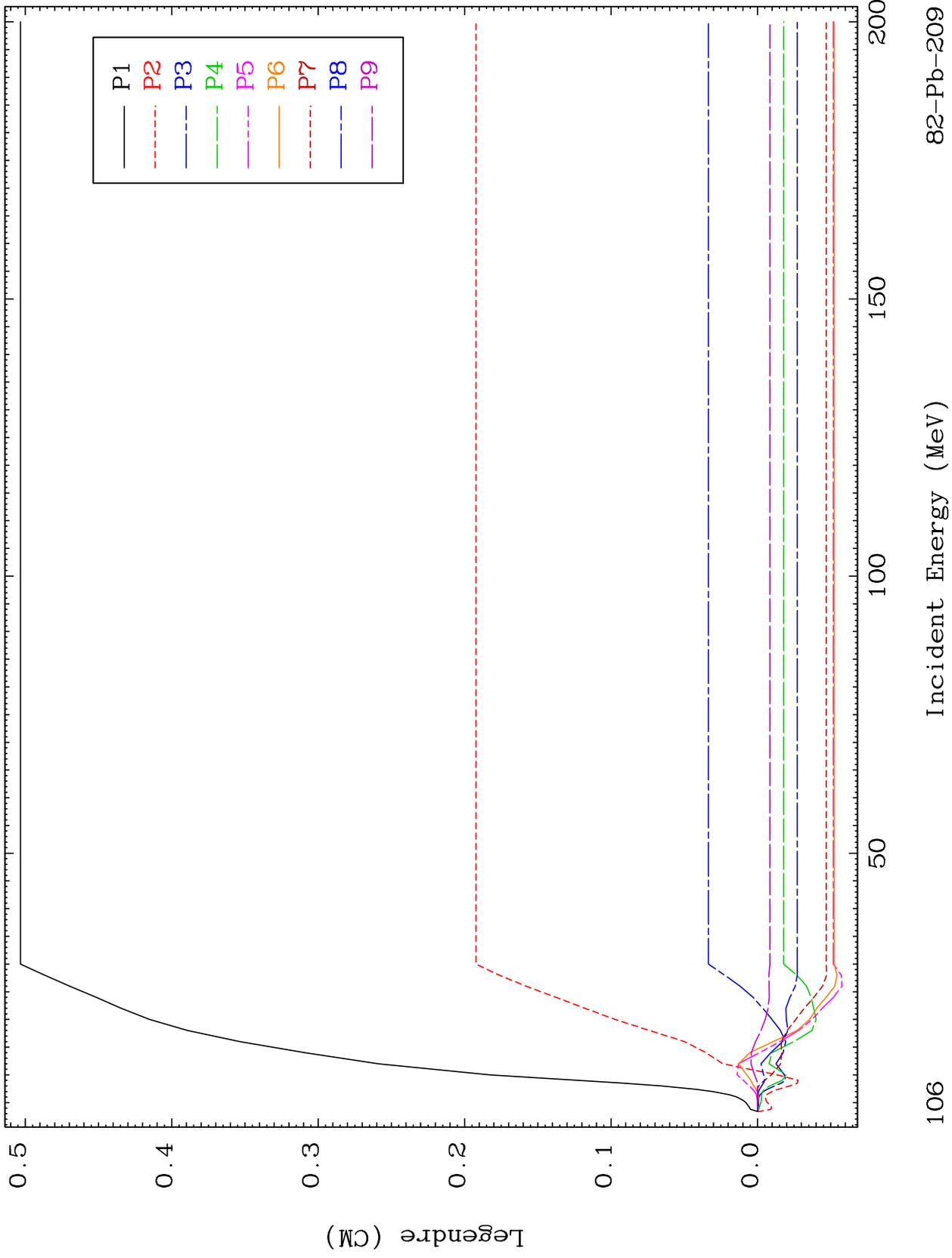
82-Pb-209



MAT 8240

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

82-Pb-209



106

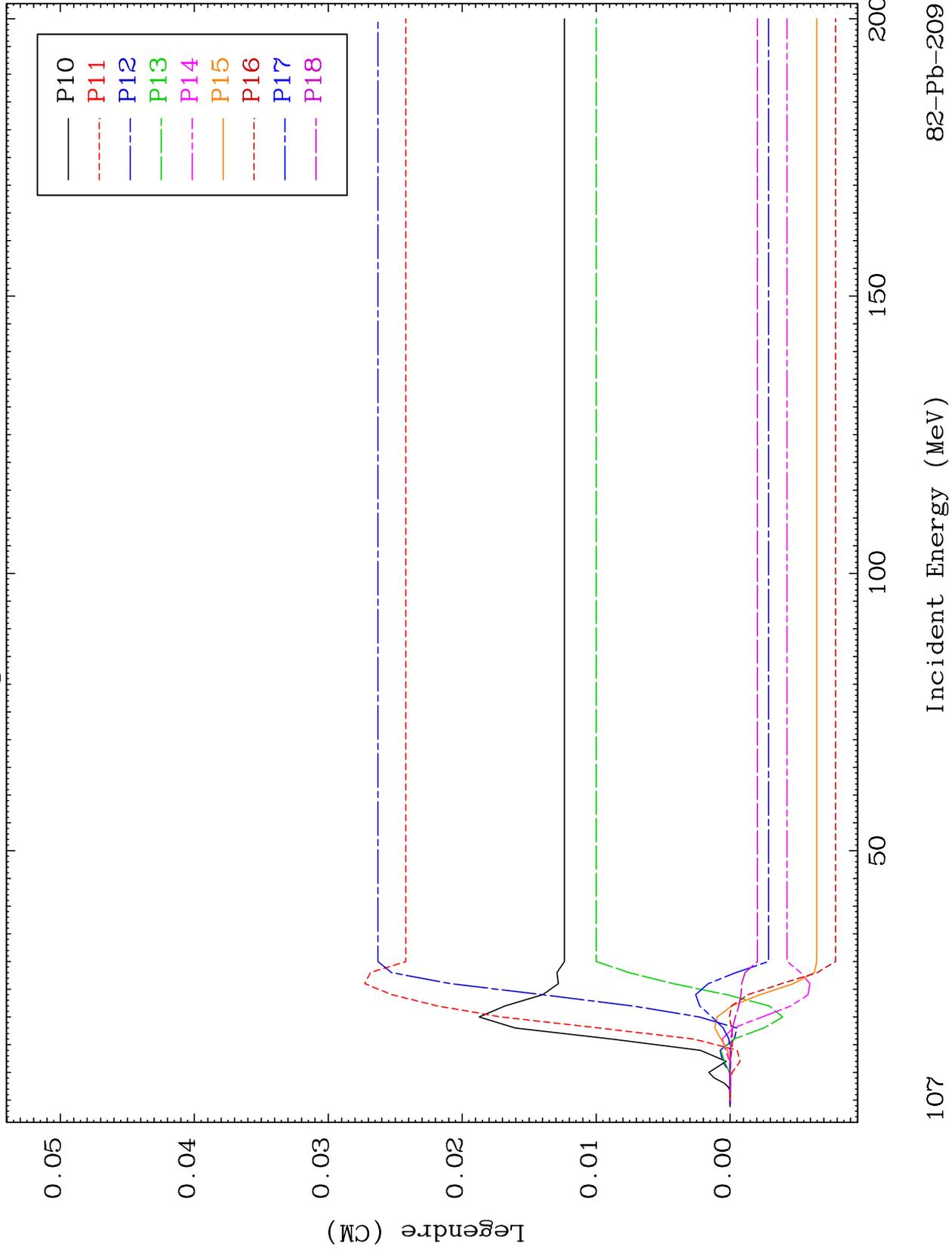
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



107

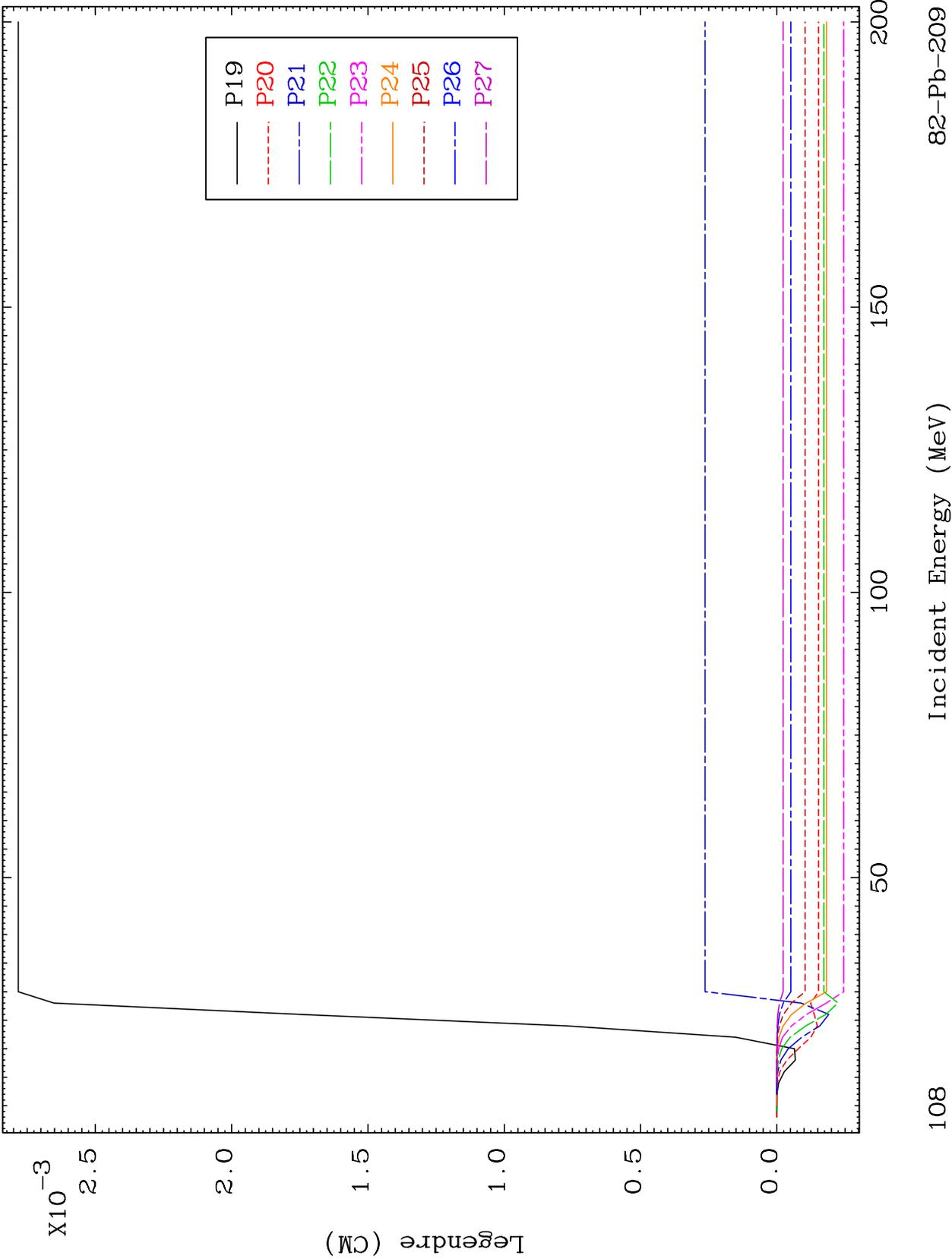
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

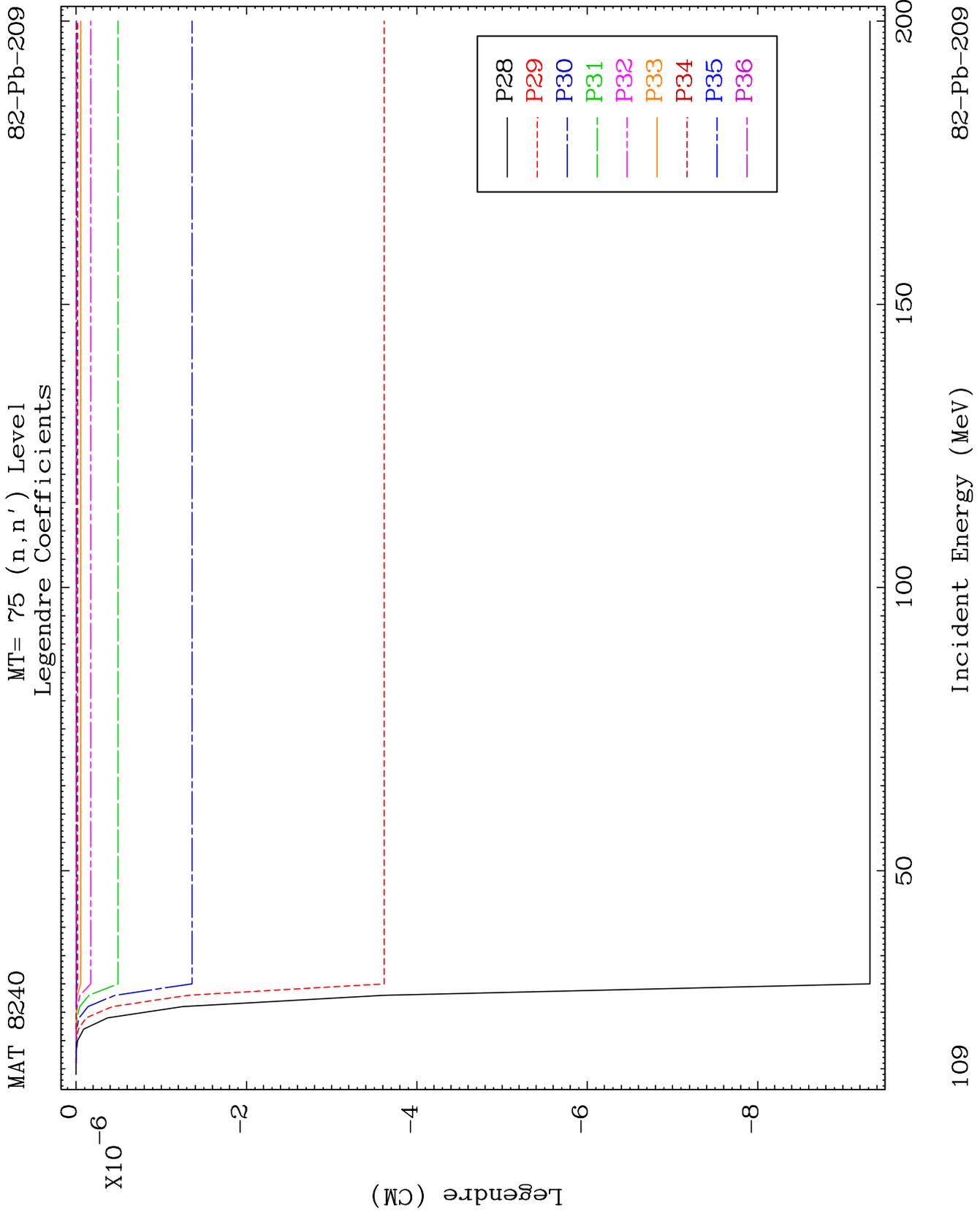
82-Pb-209



108

Incident Energy (MeV)

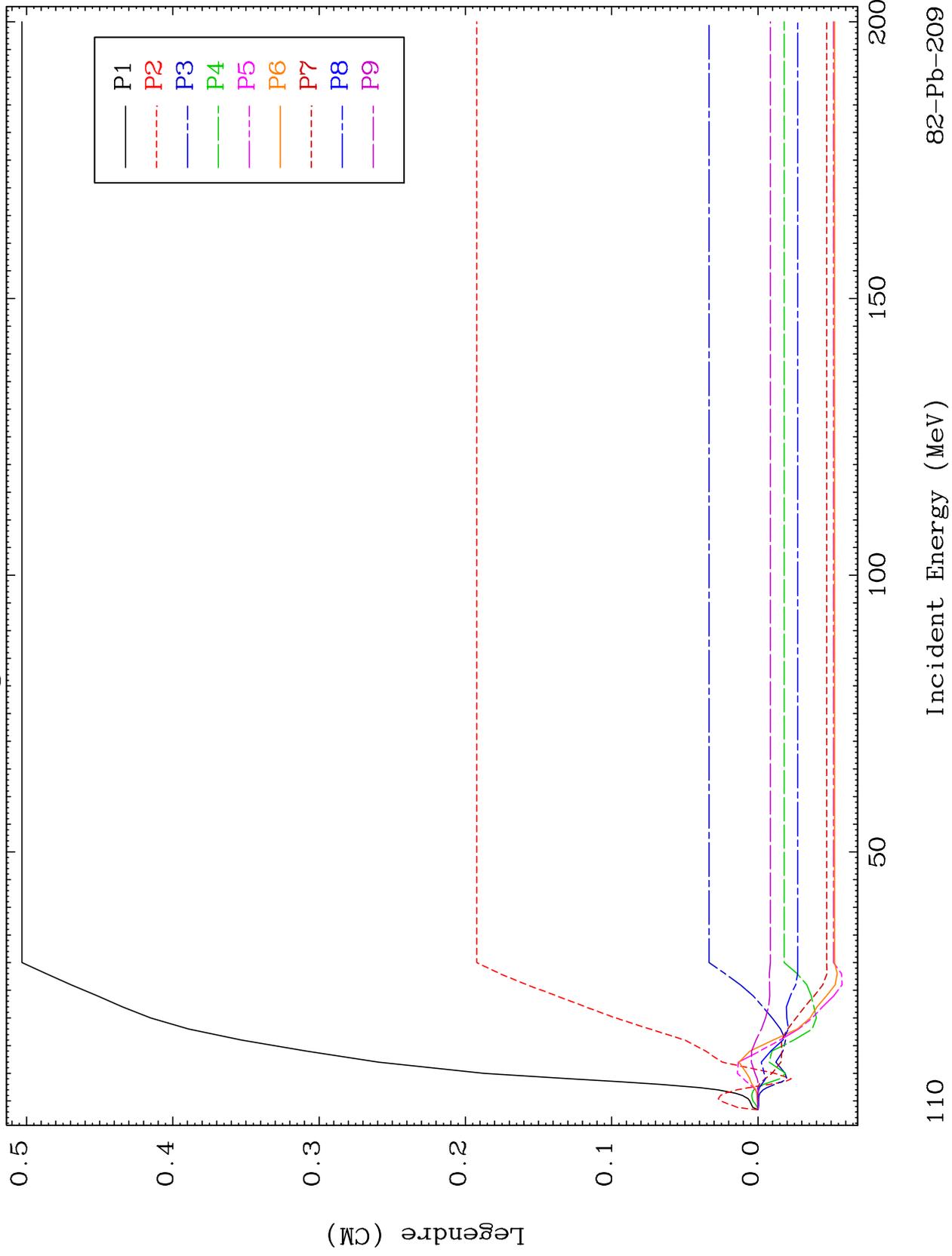
82-Pb-209



MAT 8240

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

82-Pb-209



110

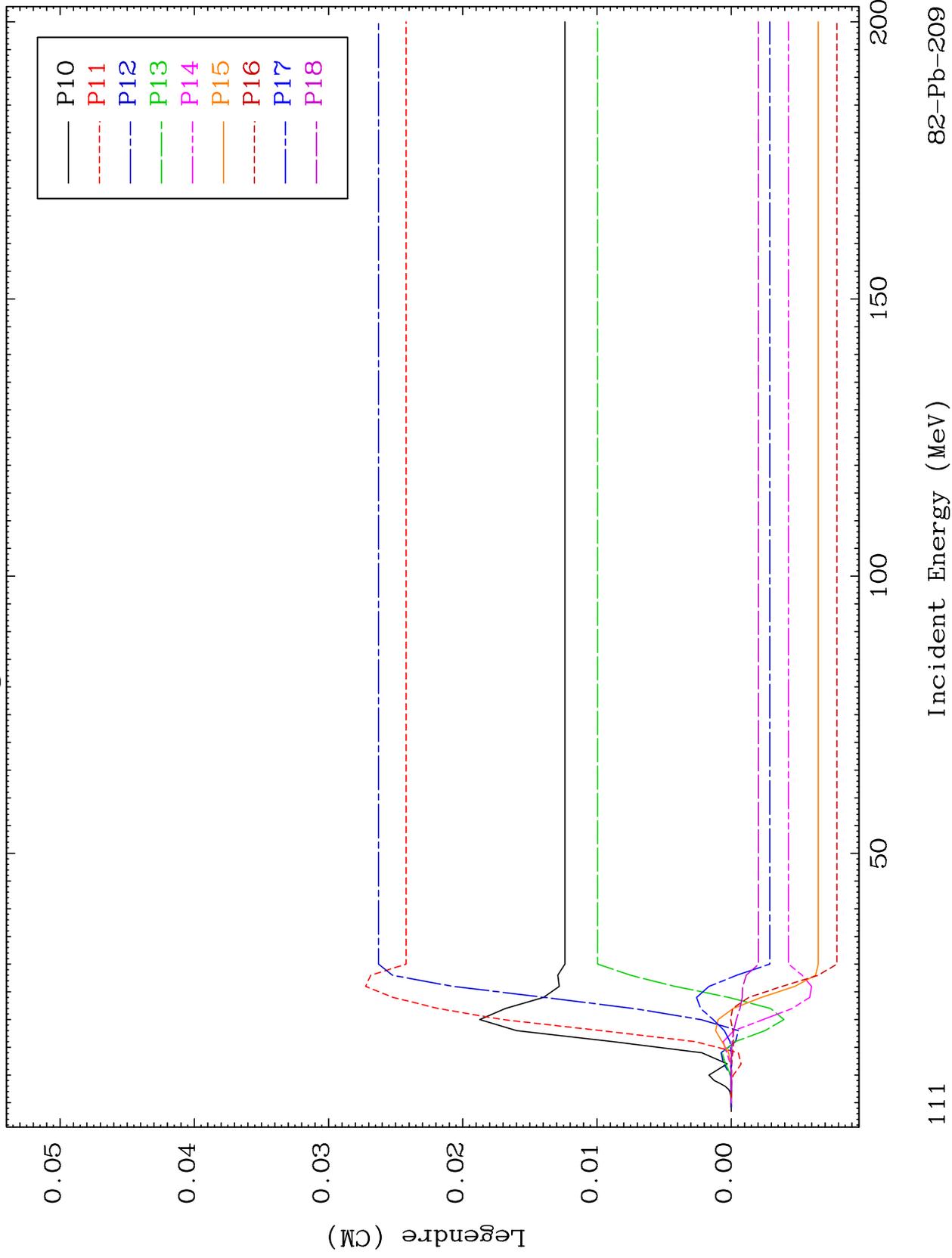
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209

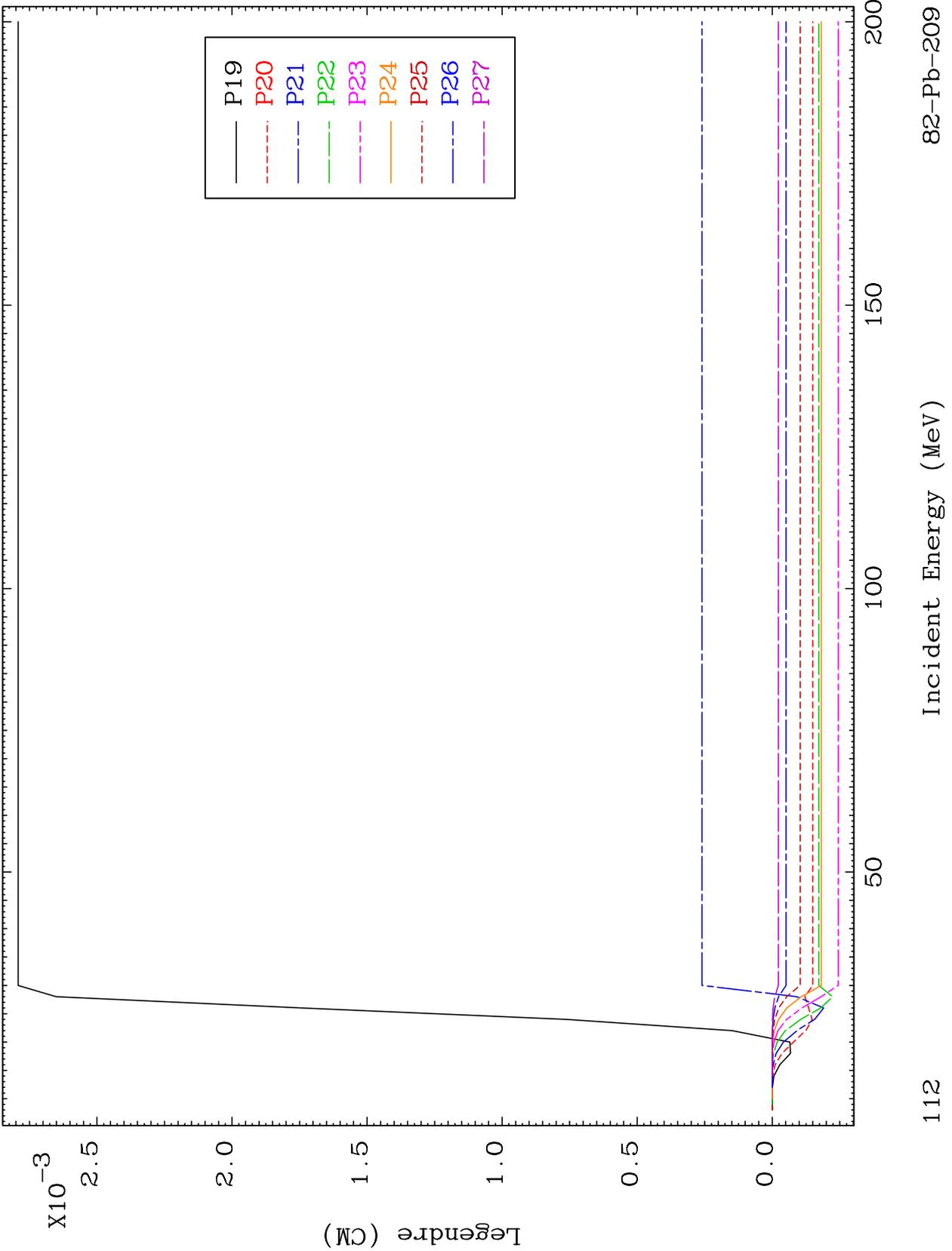


111

MAT 8240

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

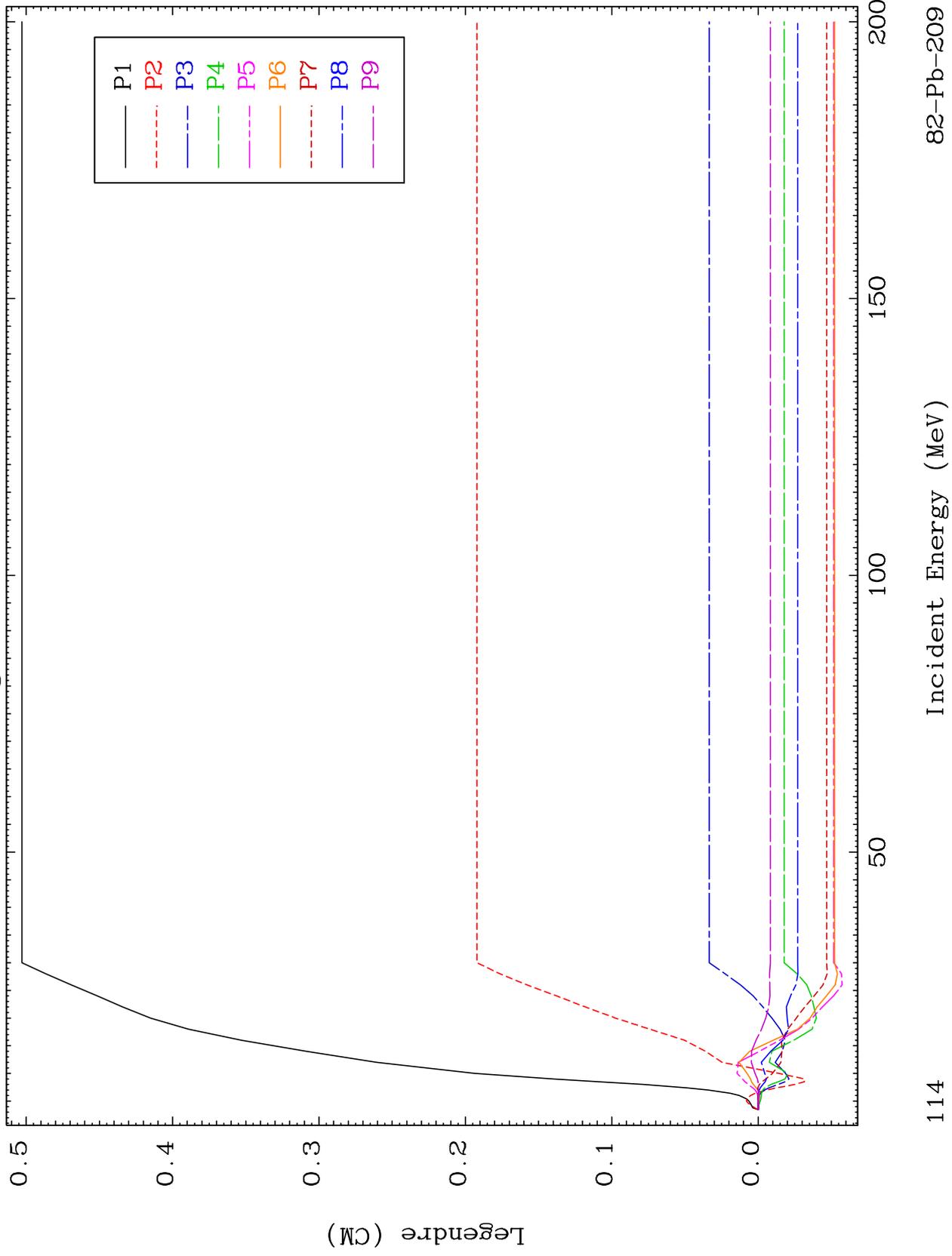
82-Pb-209



MAT 8240

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

82-Pb-209



114

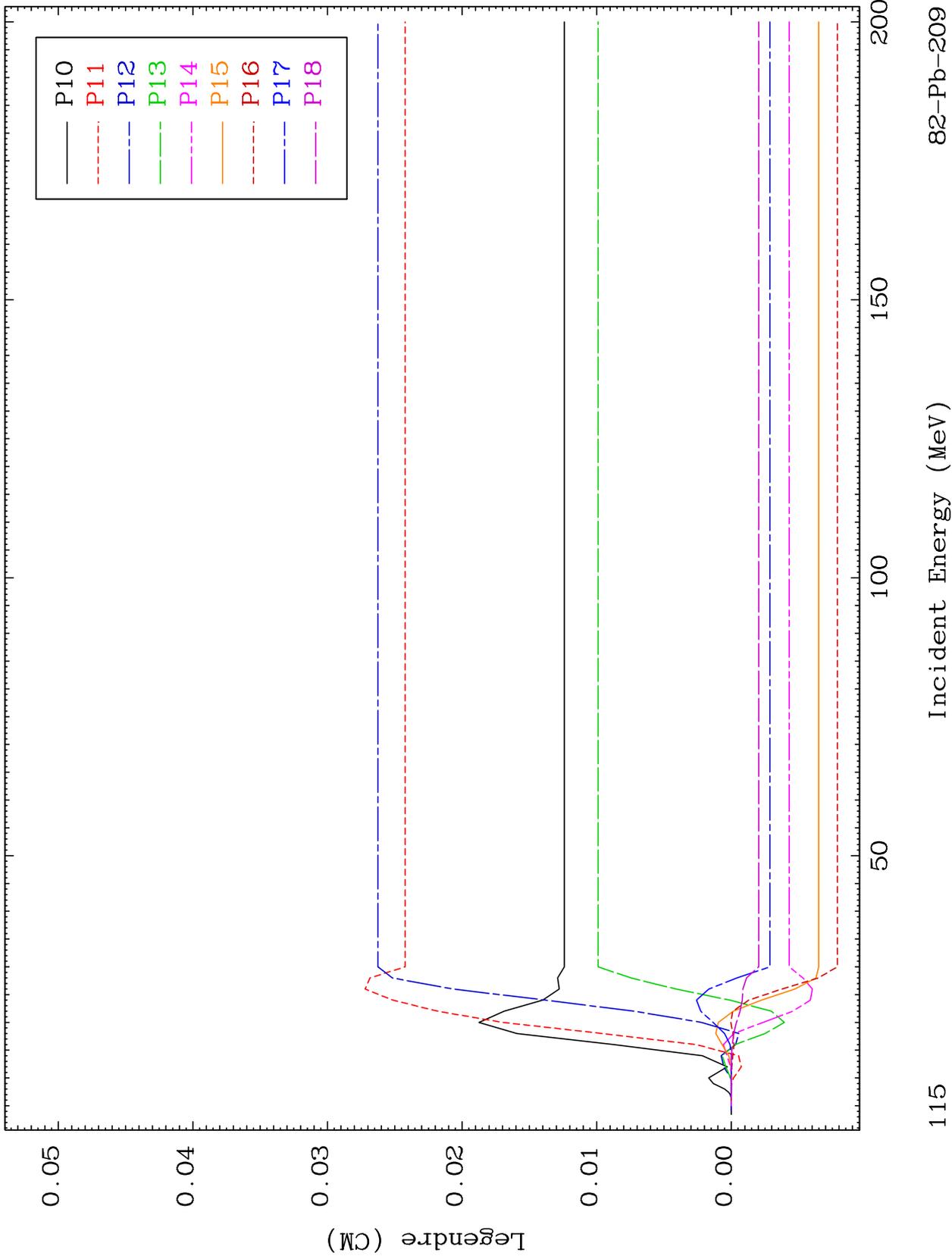
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209

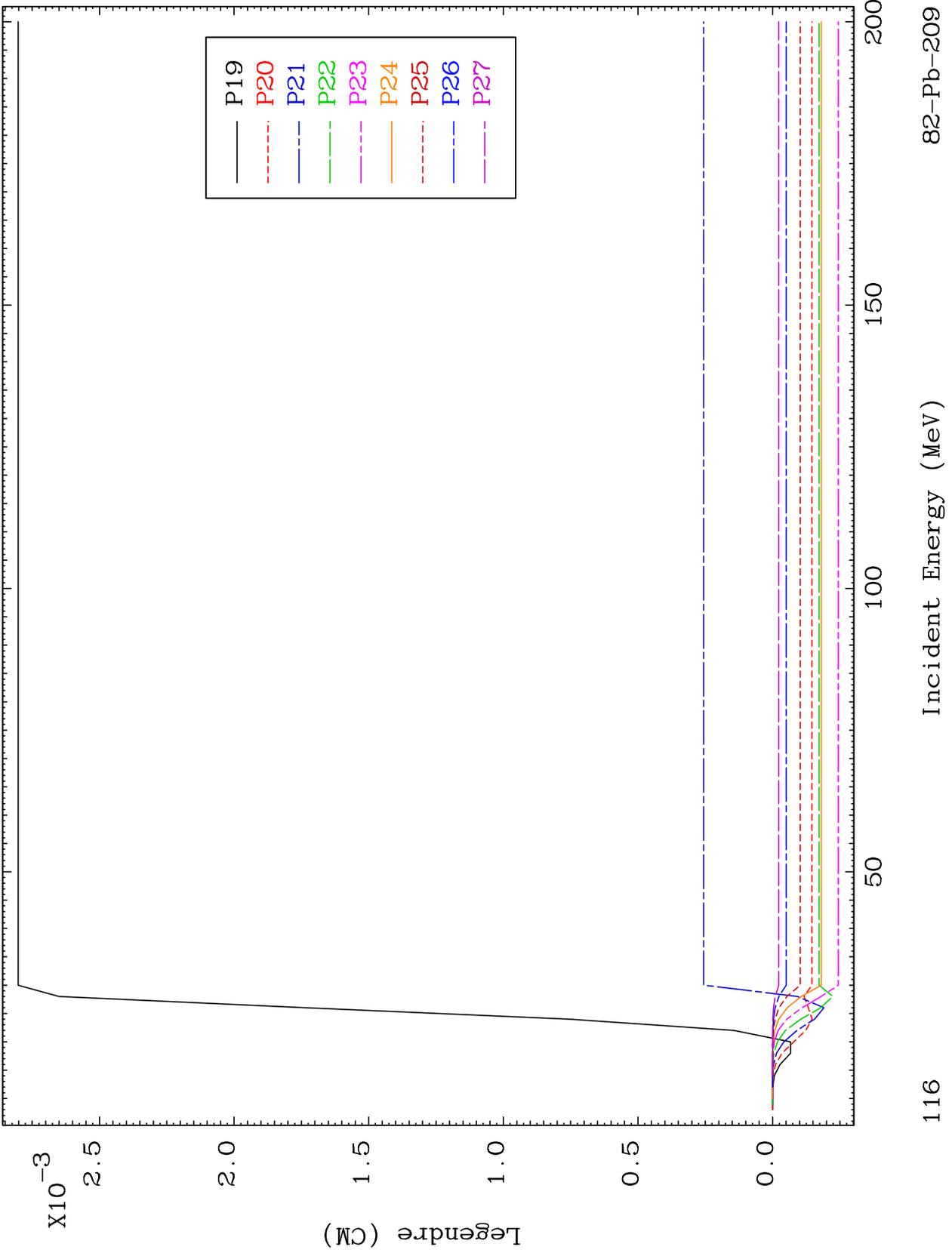


115

MAT 8240

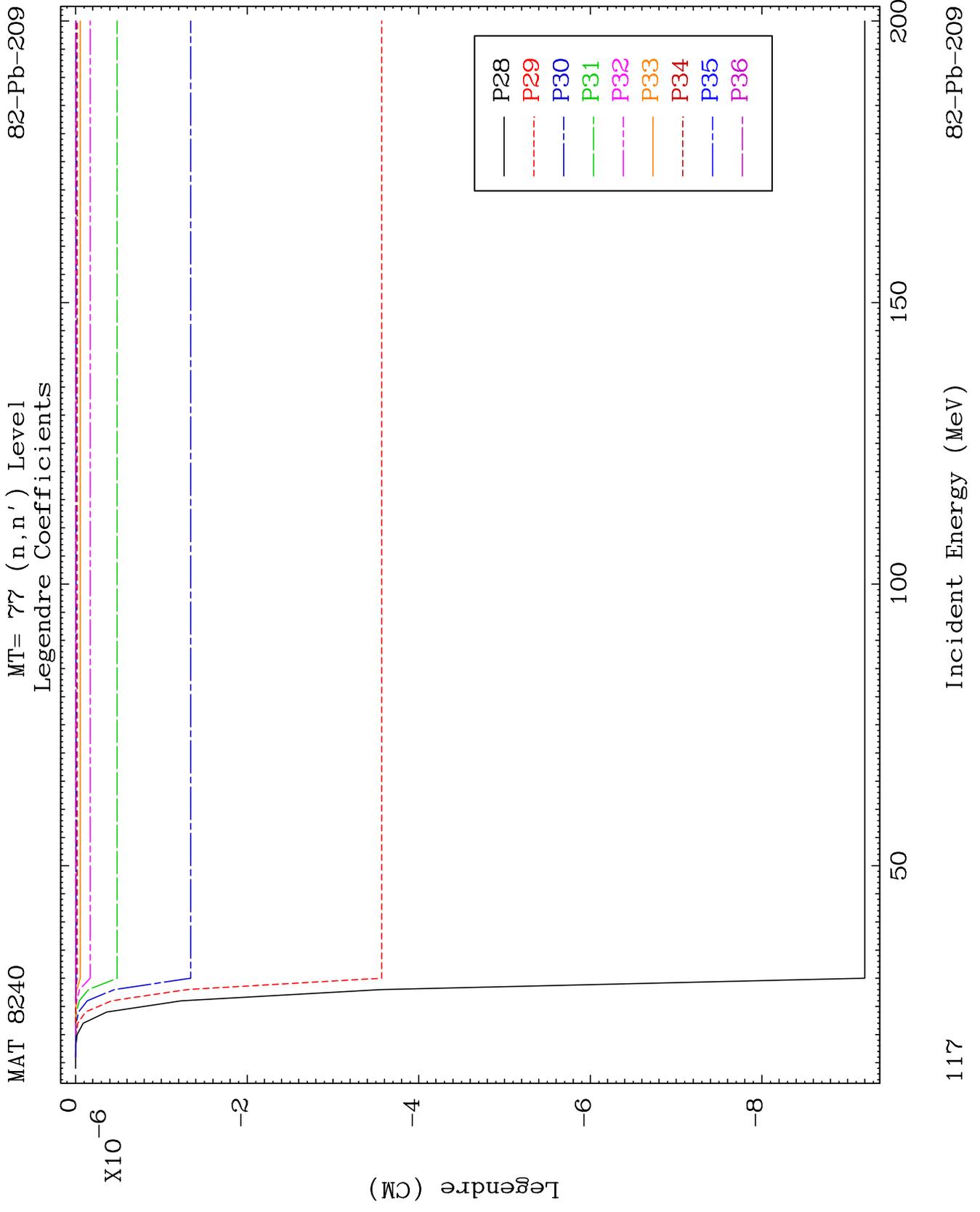
MT= 77 (n,n') Level
Legendre Coefficients

82-Pb-209



116

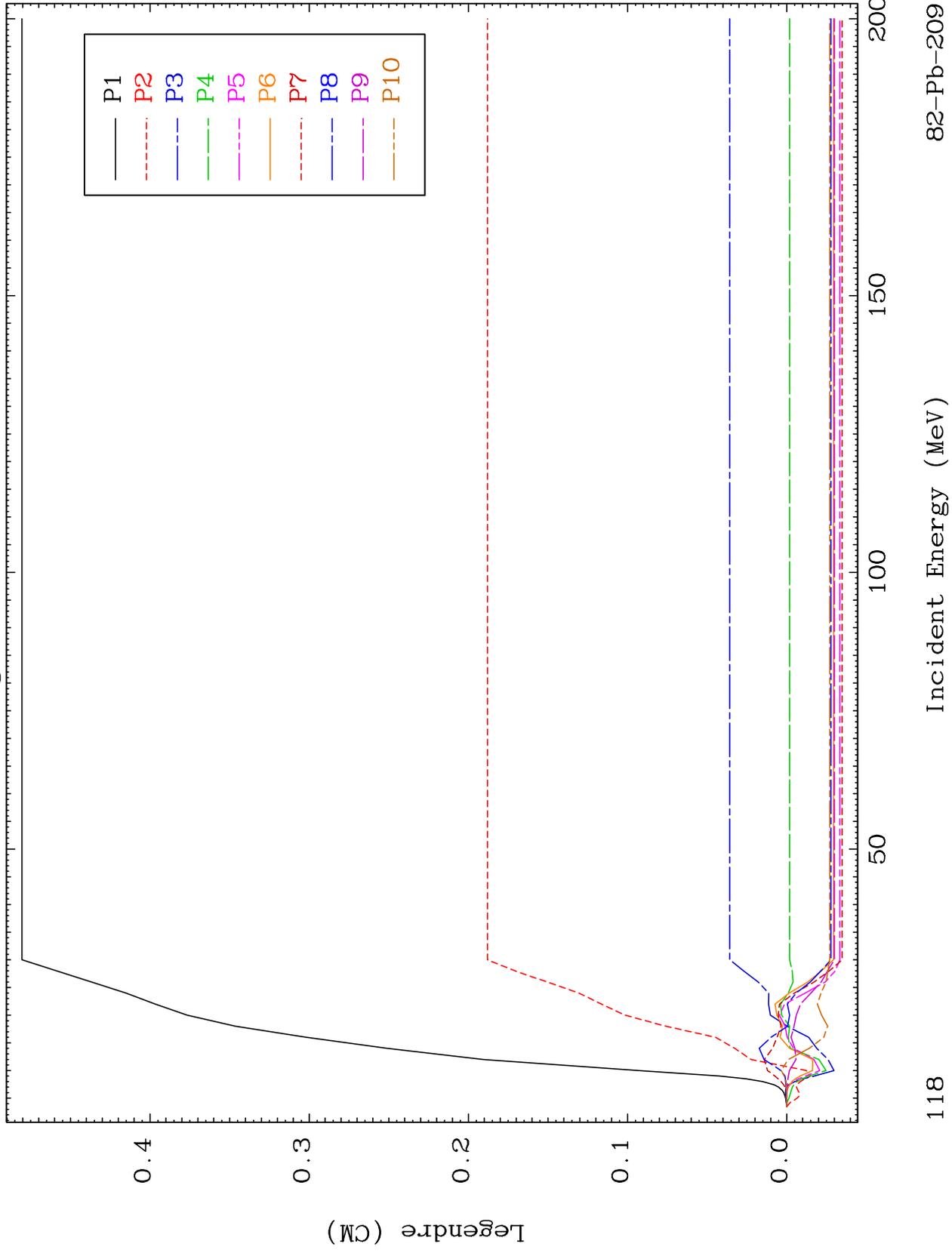
82-Pb-209



MAT 8240

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

82-Pb-209



118

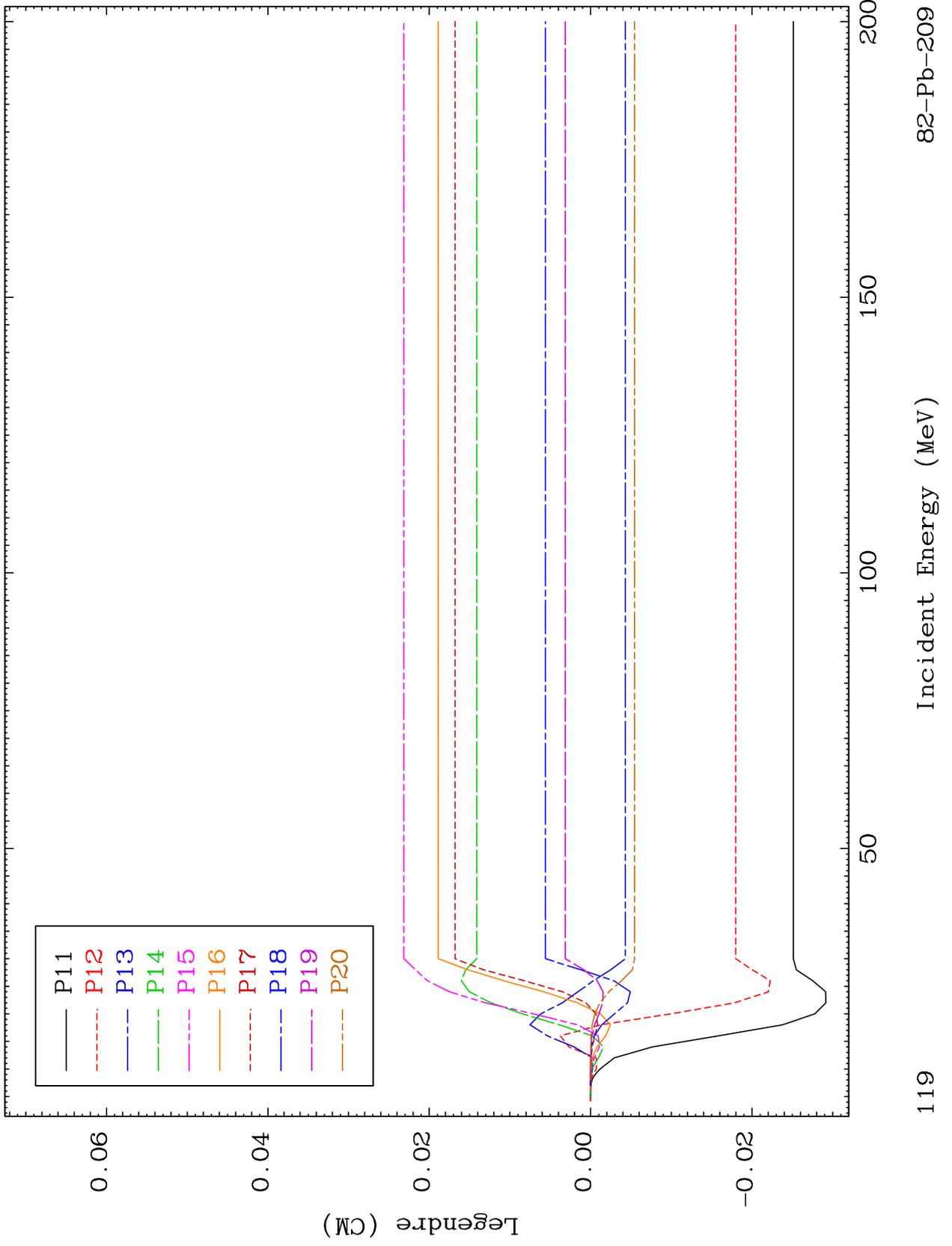
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

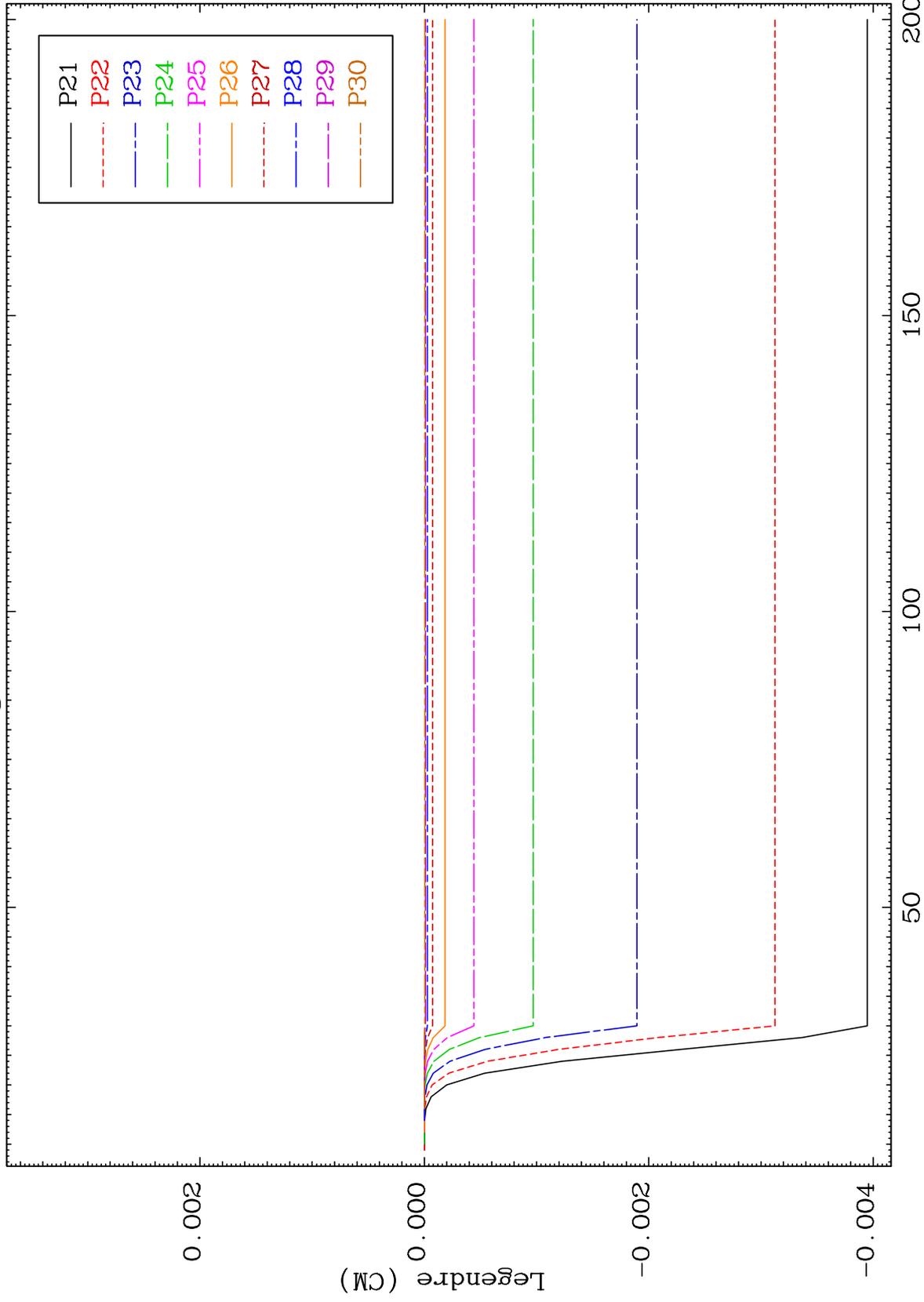
82-Pb-209



MAT 8240

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

82-Pb-209



120

Incident Energy (MeV)

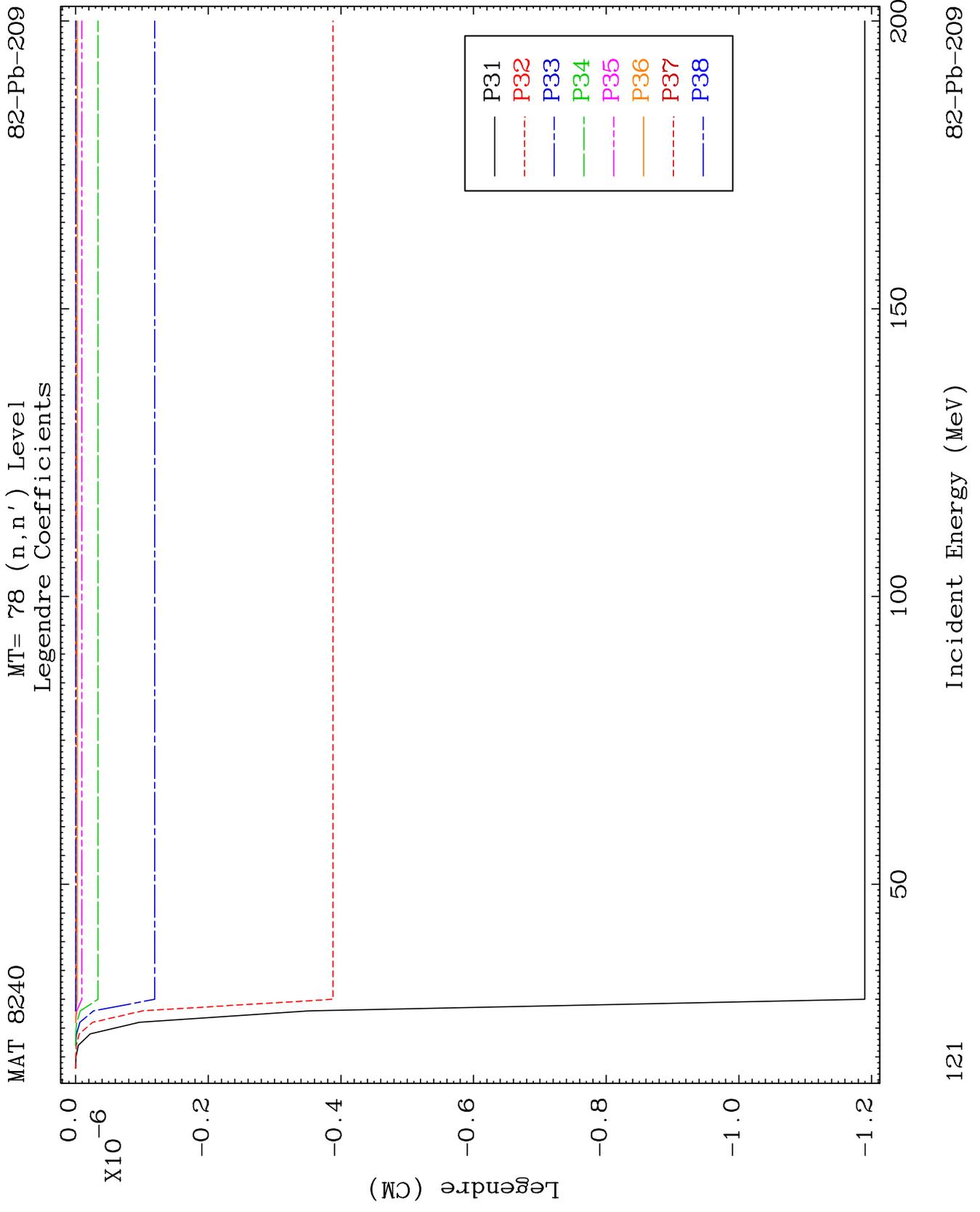
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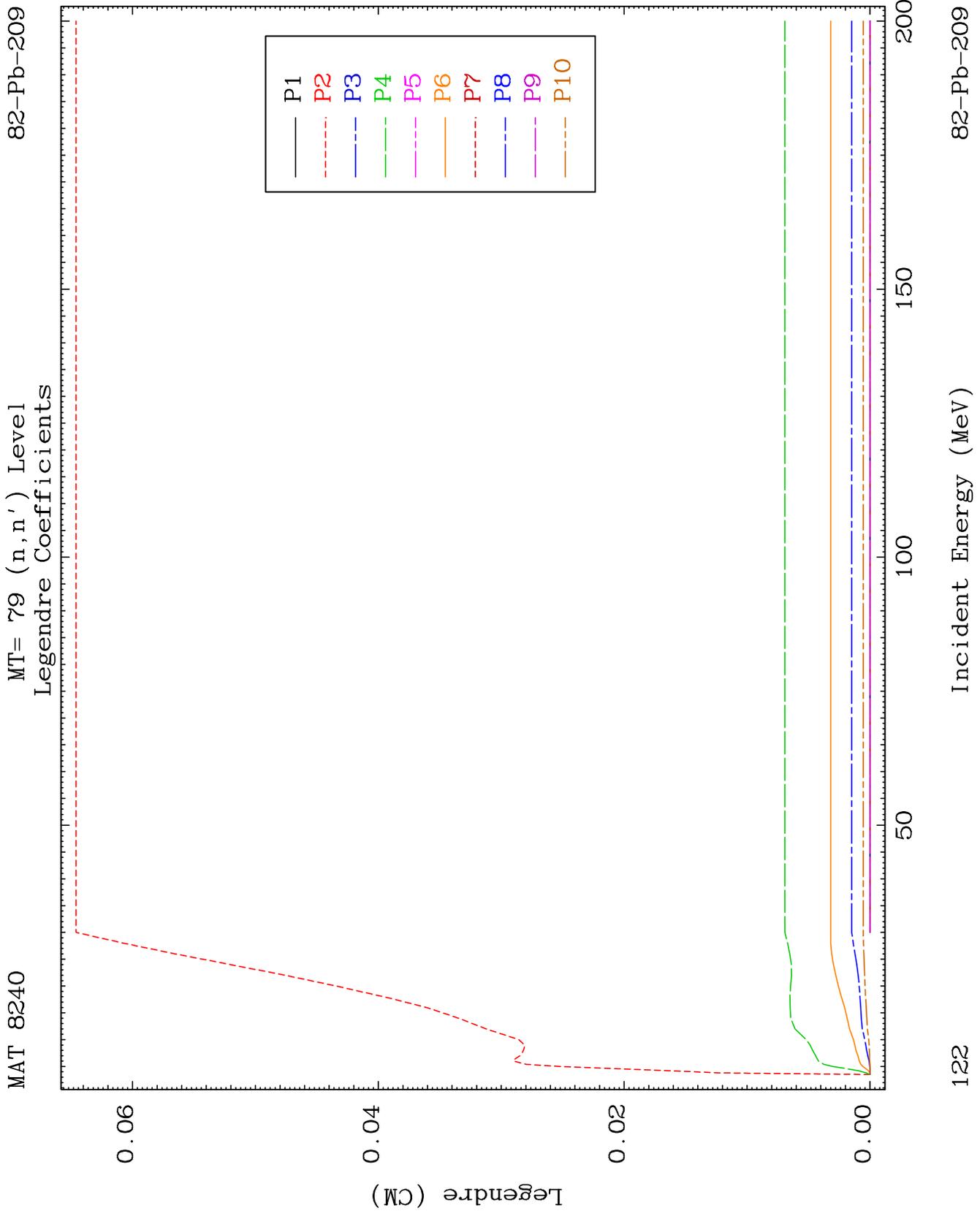
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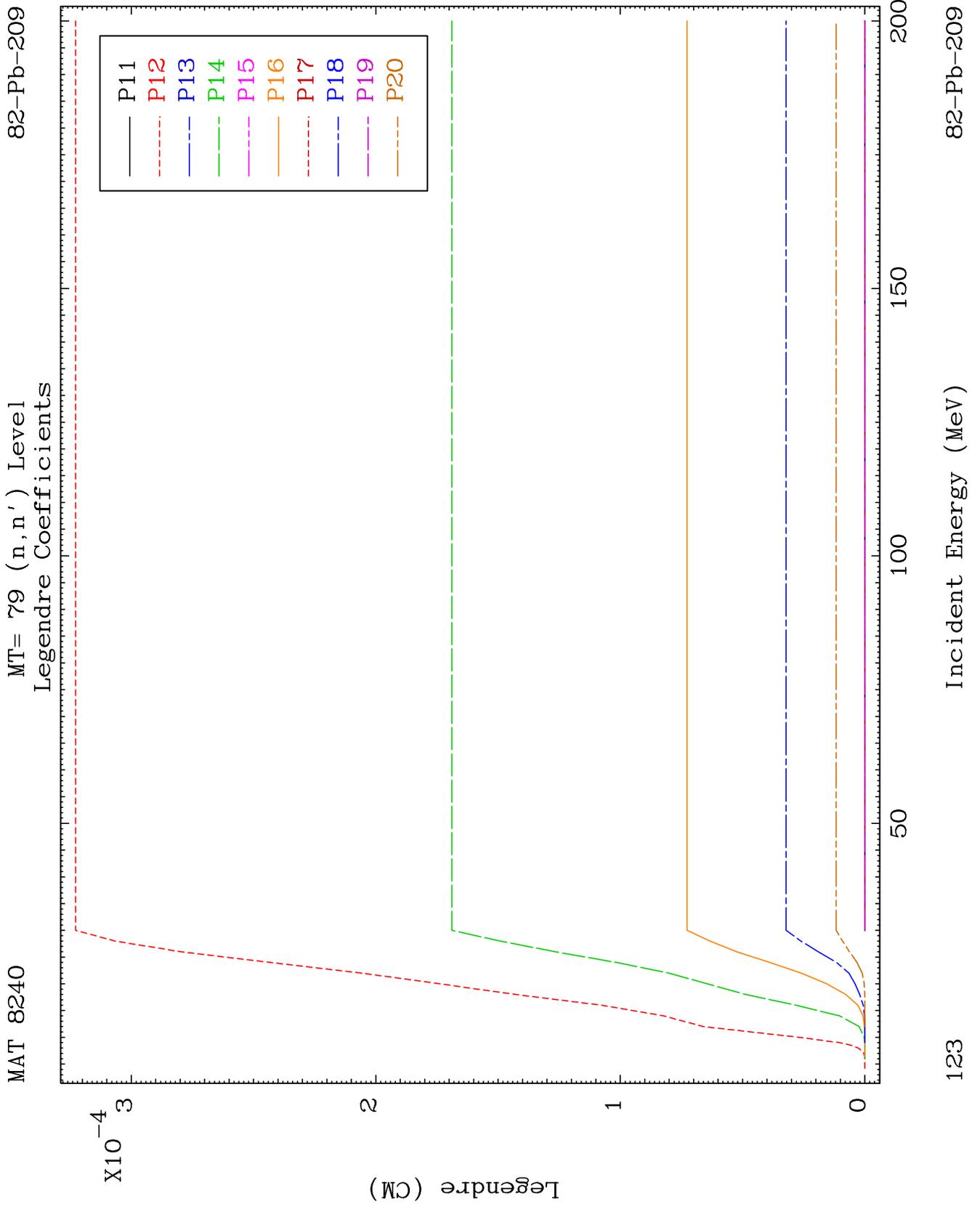
150

200

82-Pb-209



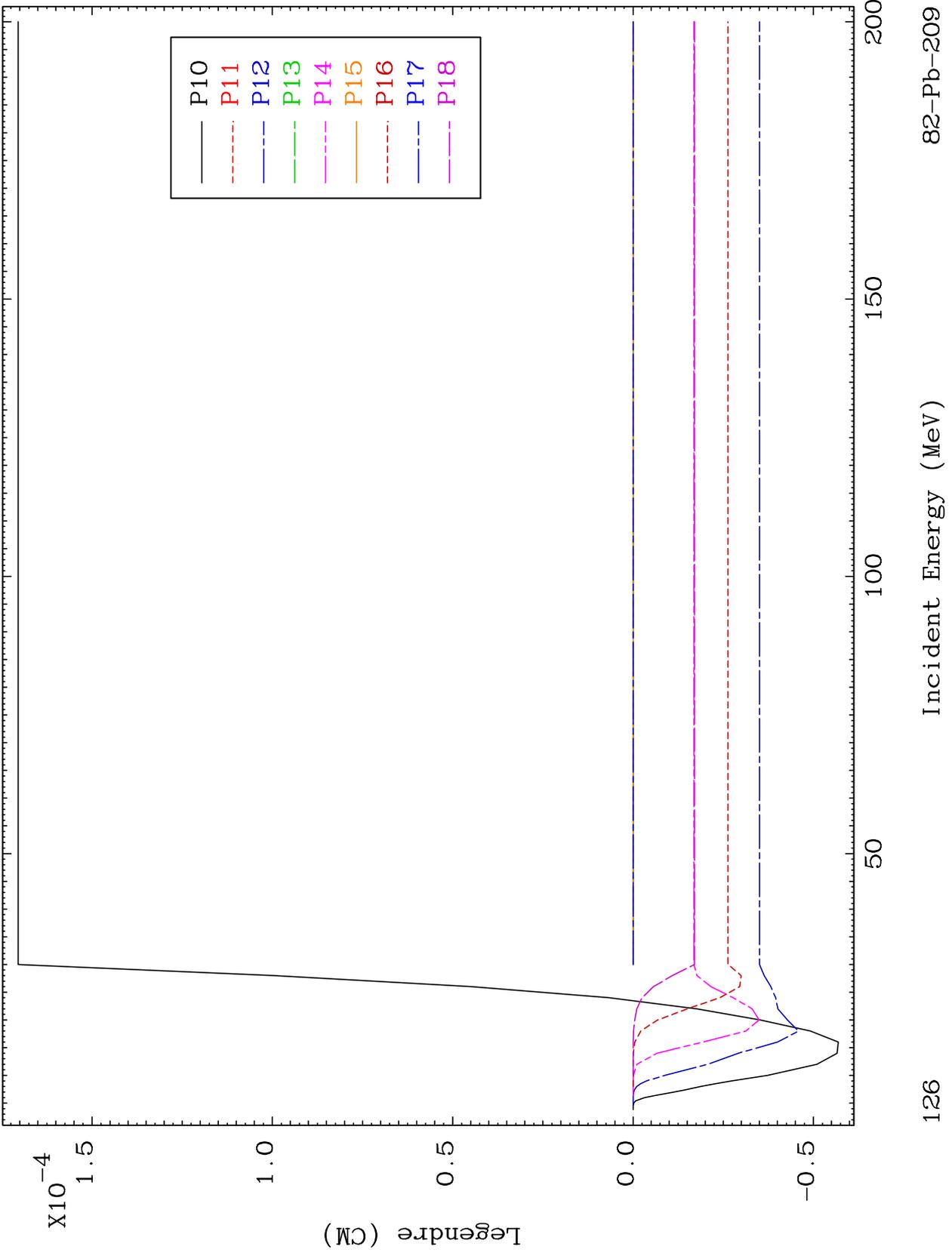




MAT 8240

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

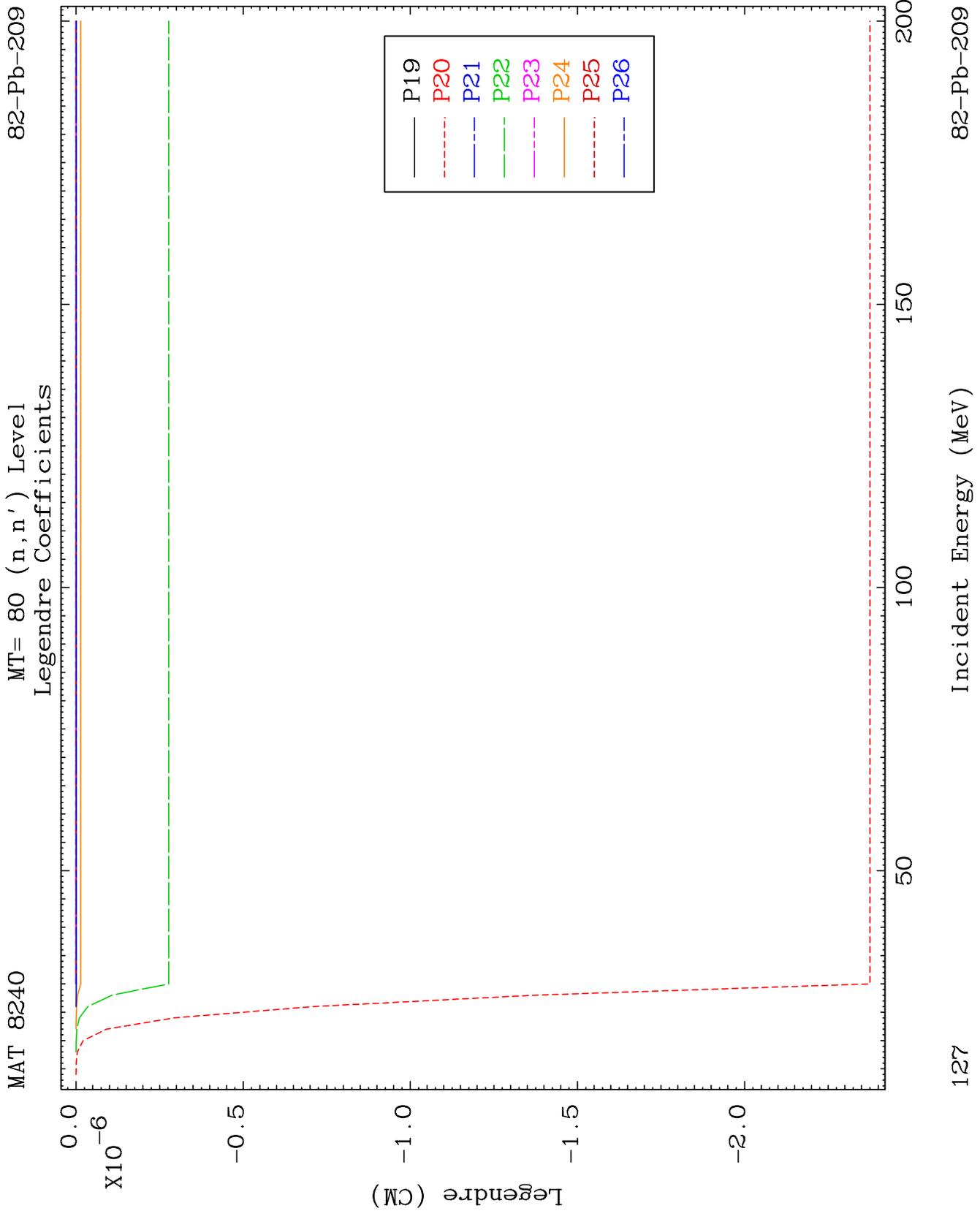
82-Pb-209



126

Incident Energy (MeV)

82-Pb-209

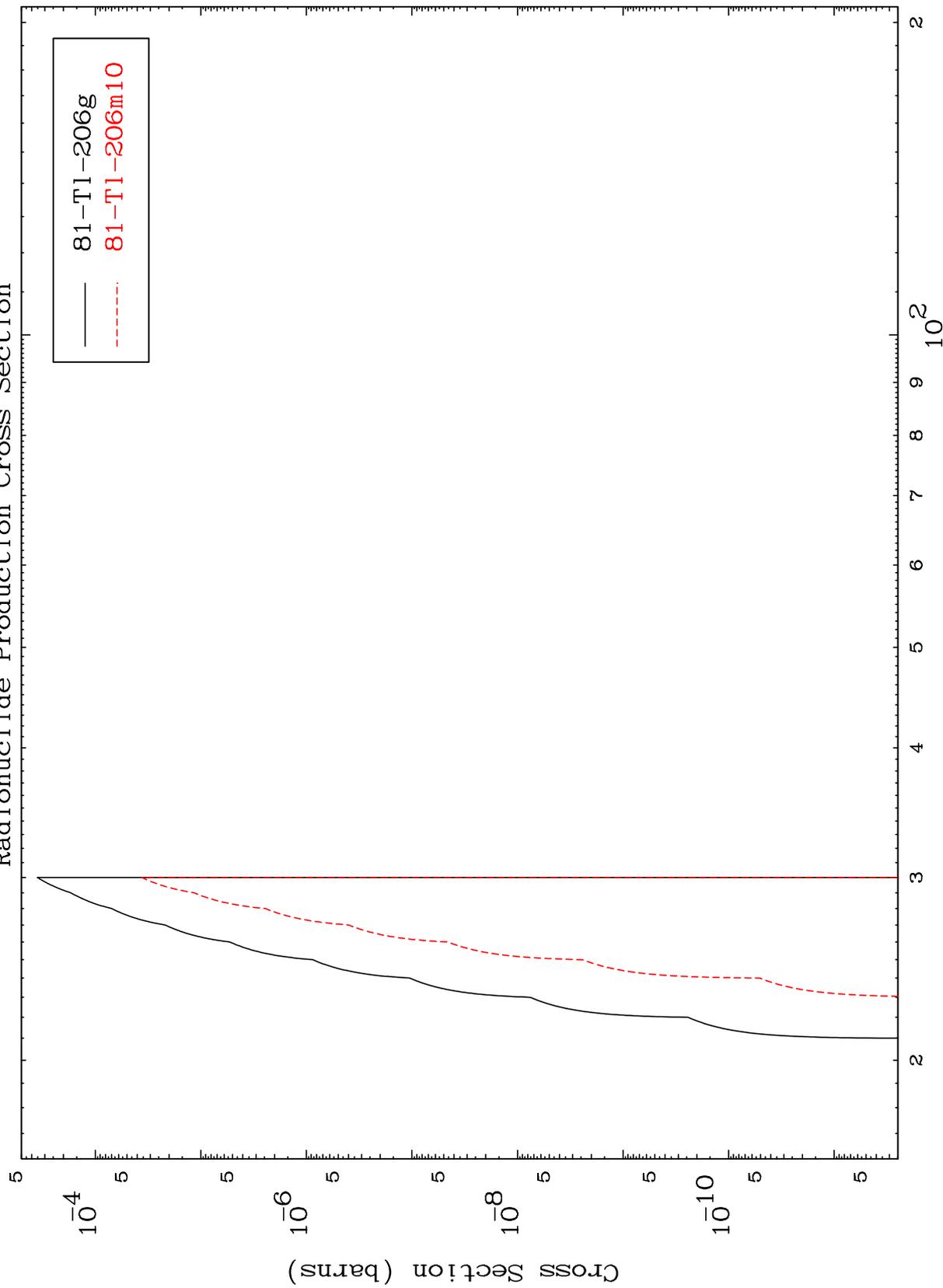


MAT 8240

(n,2n) d

82-Pb-209

Radionuclide Production Cross Section



128

Incident Energy (MeV)

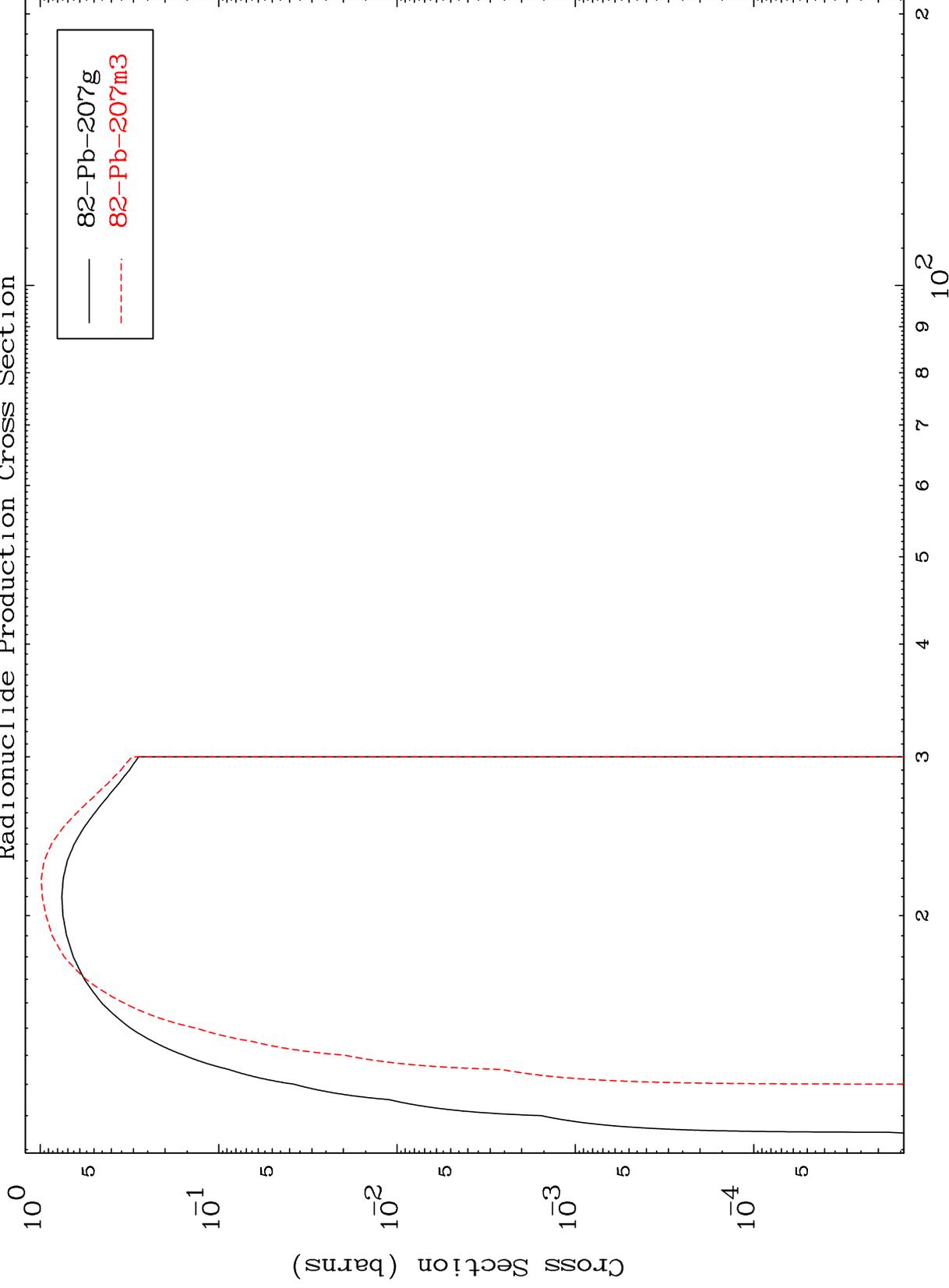
82-Pb-209

MAT 8240

(n, 3n)

82-Pb-209

Radionuclide Production Cross Section



129

Incident Energy (MeV)

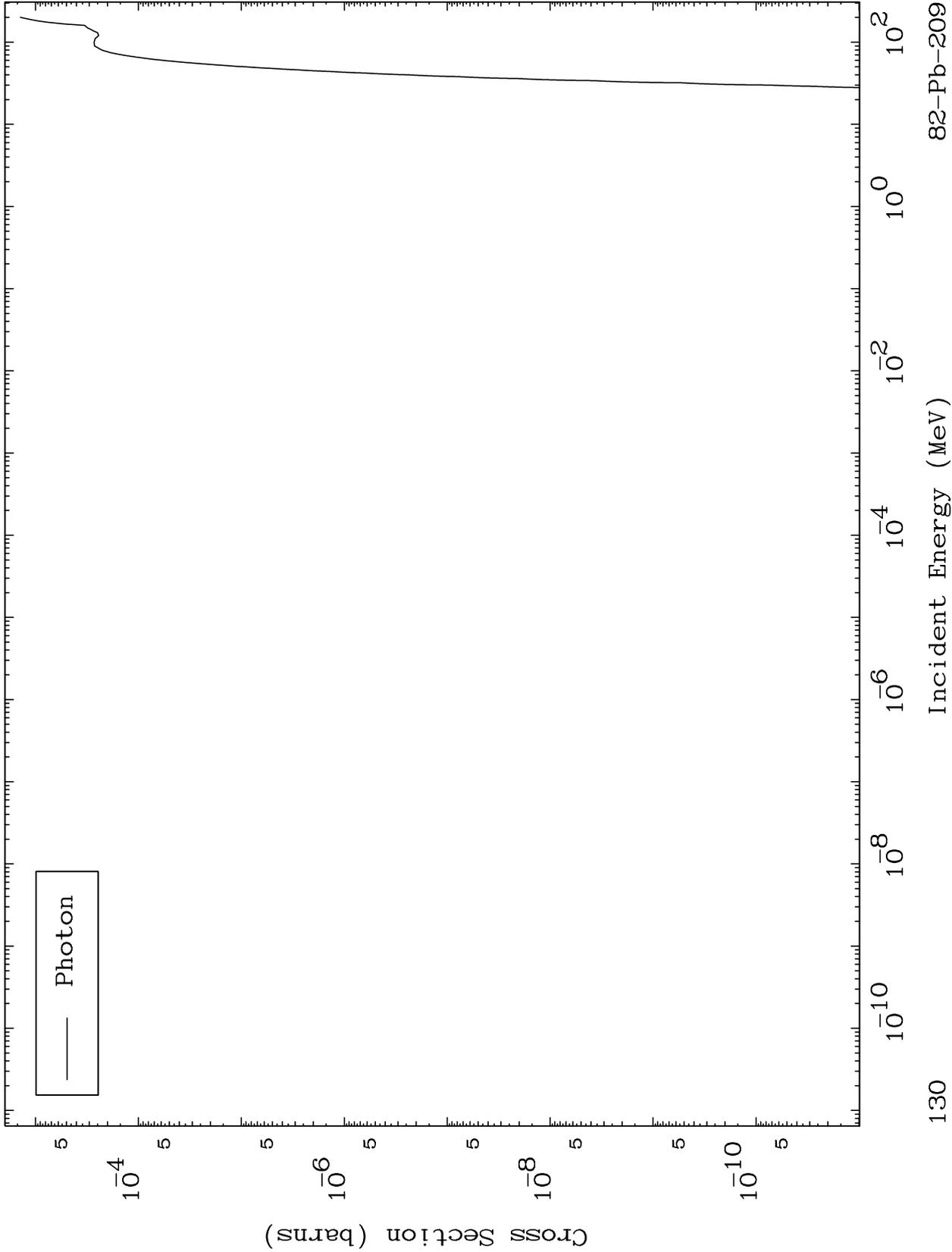
82-Pb-209

MAT 8240

Fission

82-Pb-209

Radionuclide Production Cross Section



130

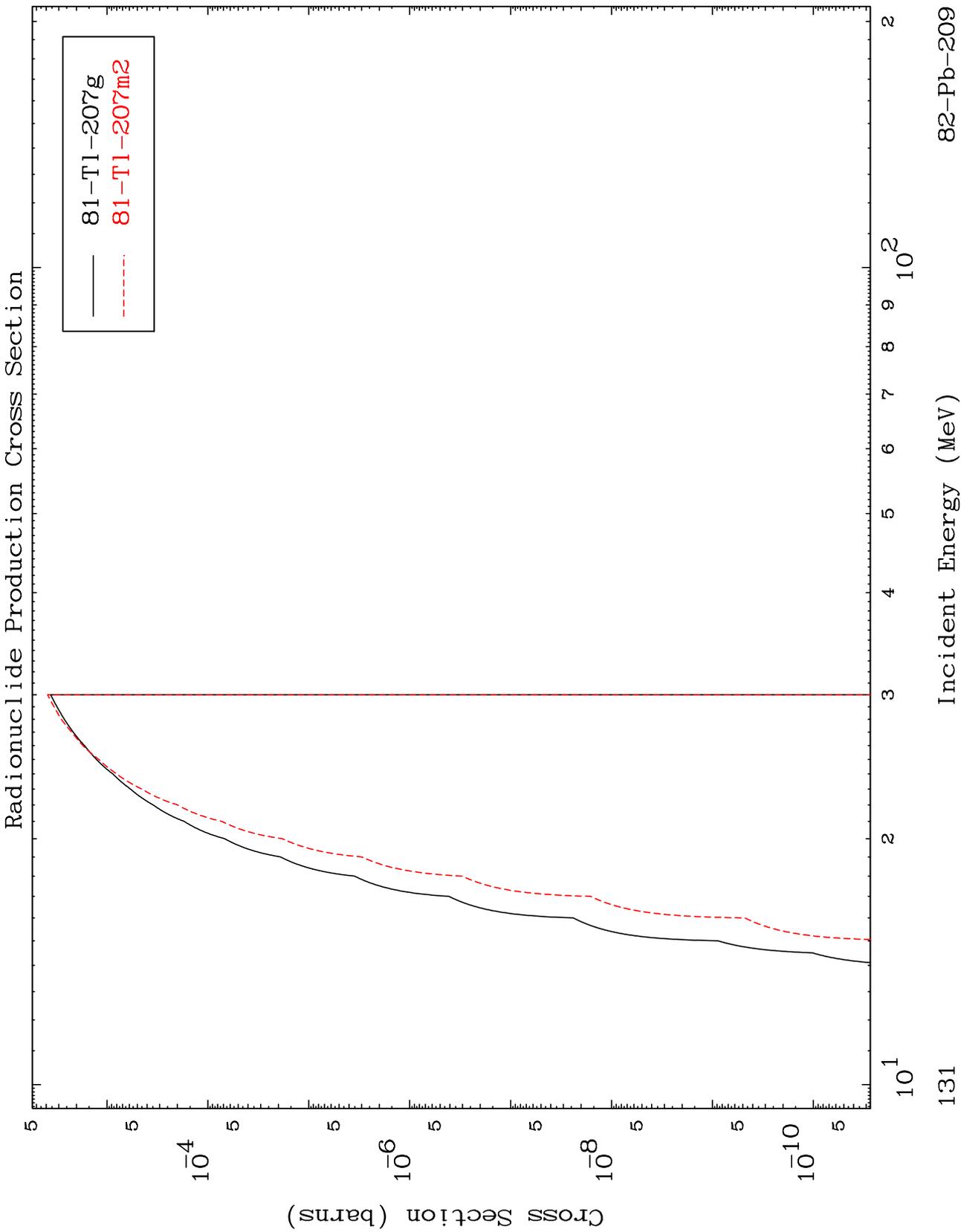
Incident Energy (MeV)

82-Pb-209

MAT 8240

(n,n') d

82-Pb-209



131

Incident Energy (MeV)

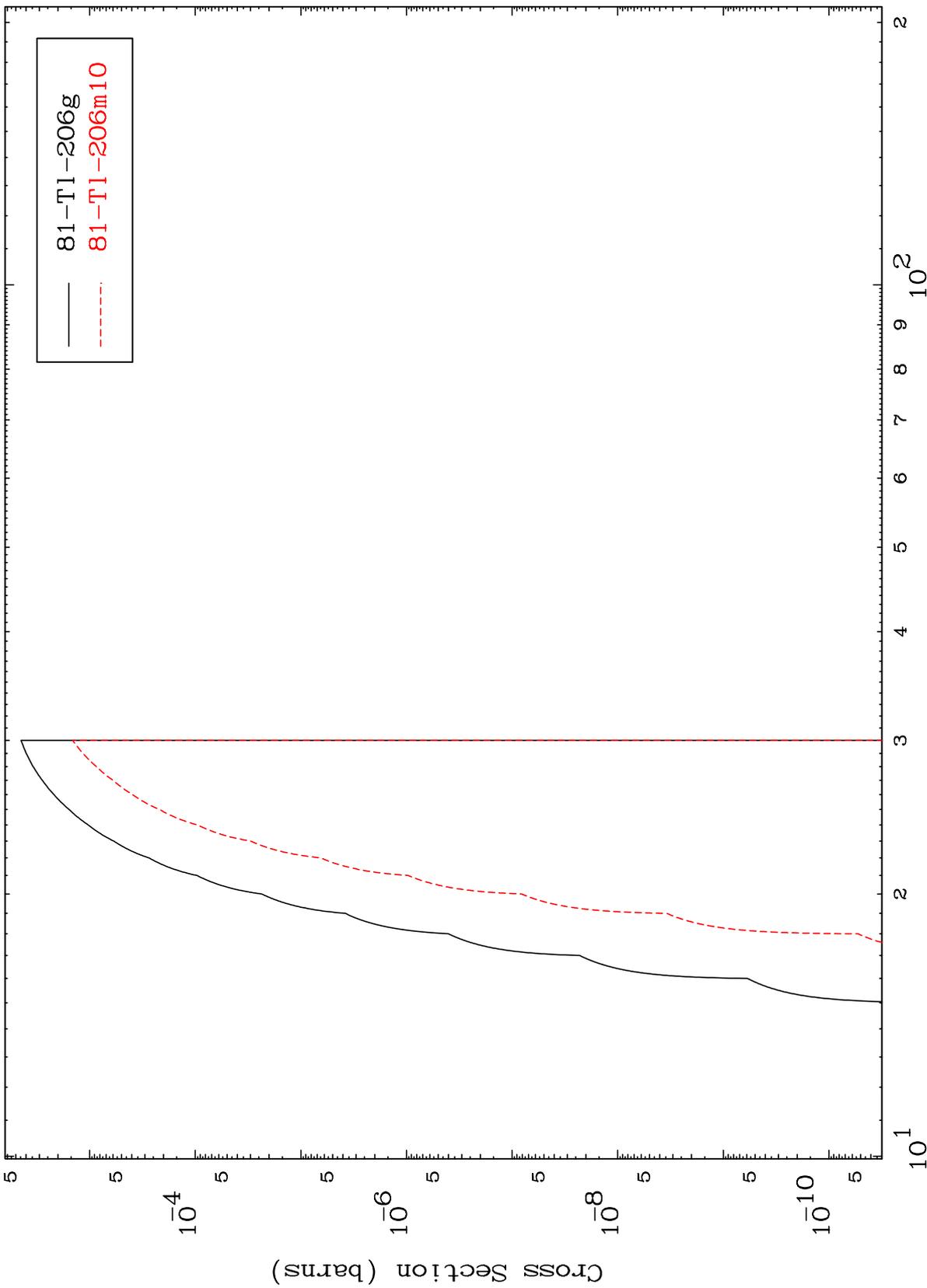
82-Pb-209

MAT 8240

(n,n') t

82-Pb-209

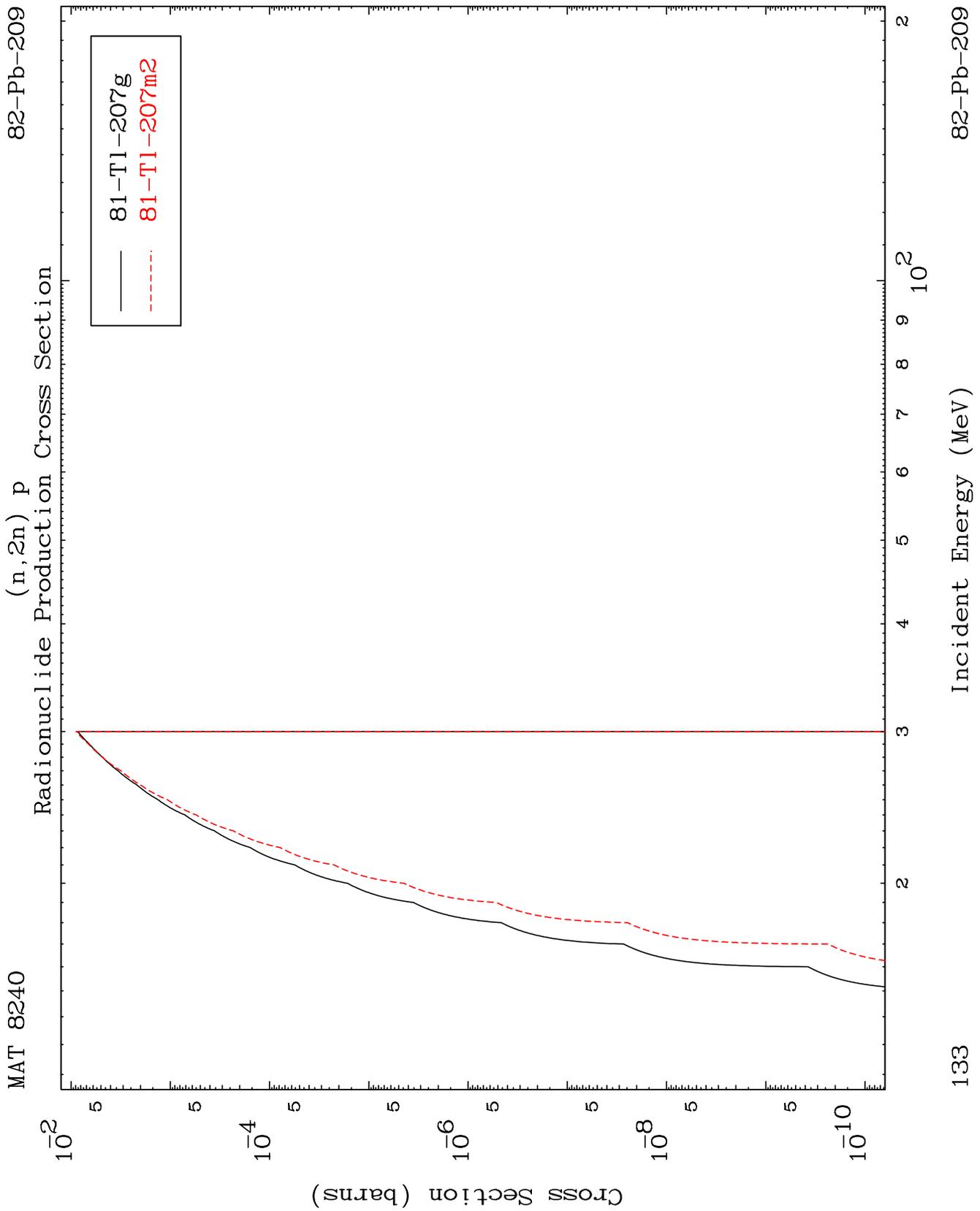
Radionuclide Production Cross Section



132

Incident Energy (MeV)

82-Pb-209

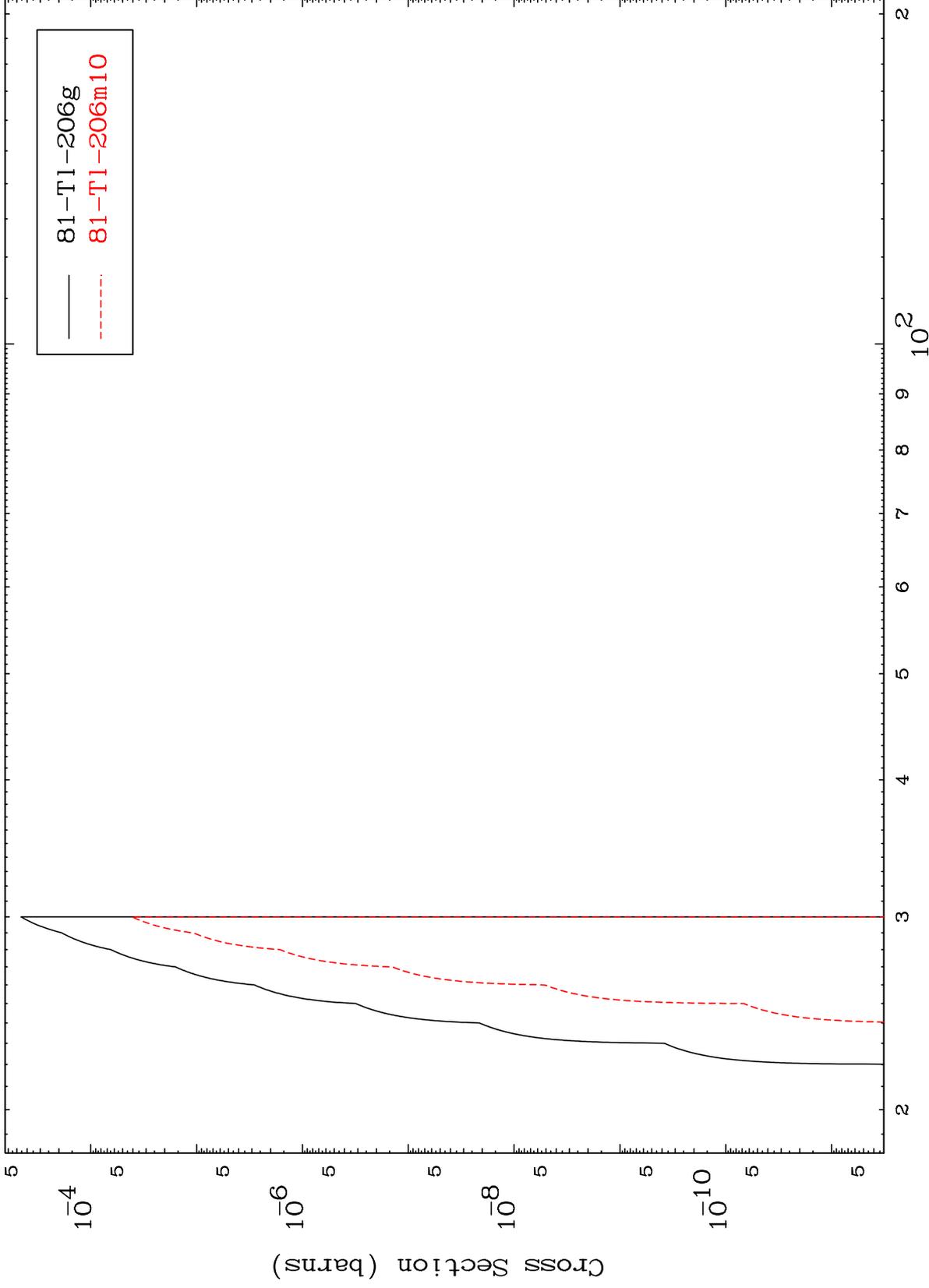


MAT 8240

(n,3n) p

82-Pb-209

Radionuclide Production Cross Section



134

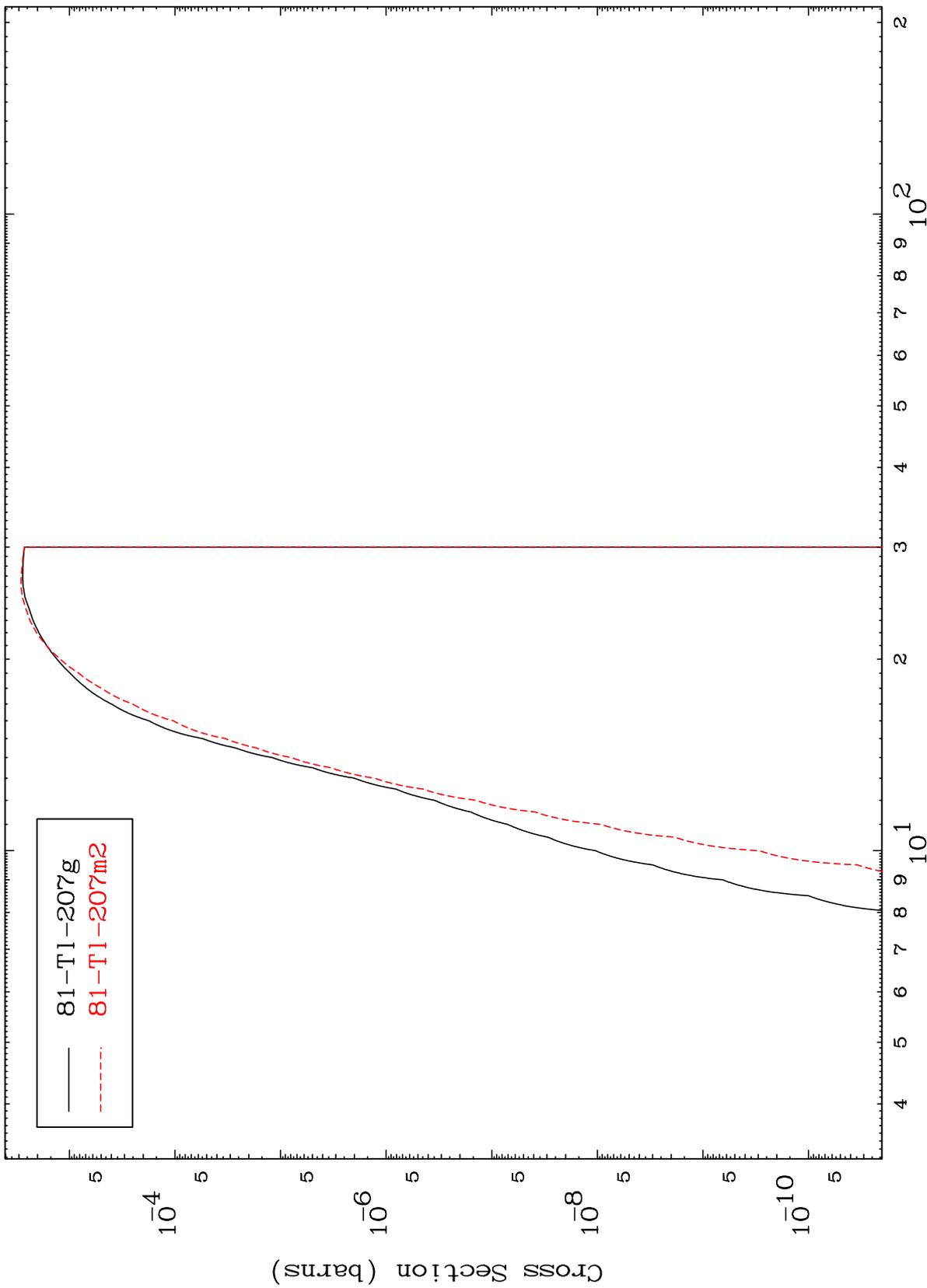
Incident Energy (MeV)

82-Pb-209

MAT 8240

82-Pb-209

(n, t)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

82-Pb-209