

Program EVALPLOT
(Version 2021-1)

by

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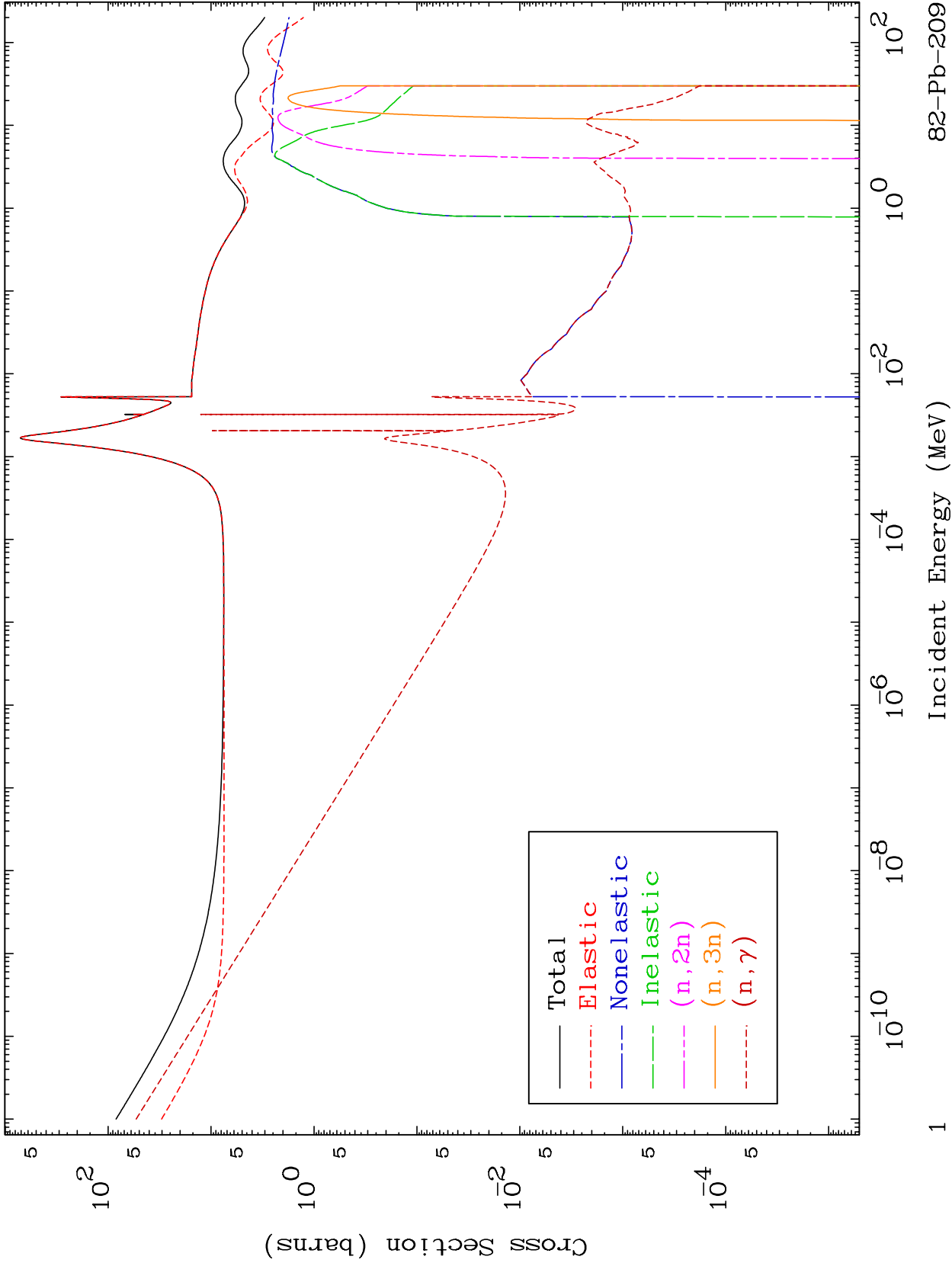
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8240

Neutron Major
293 Kelvin Cross Sections

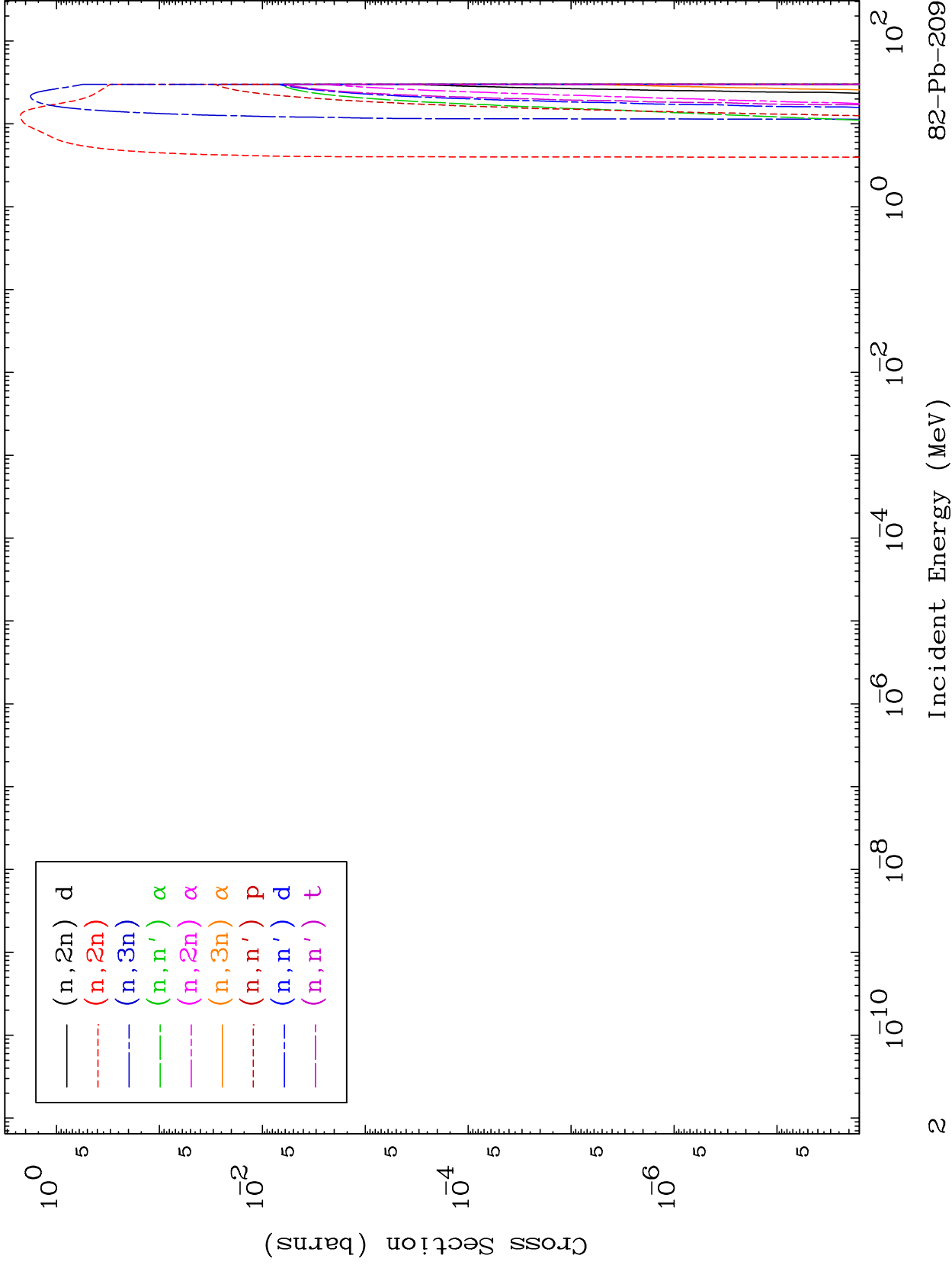
82-Pb-209



MAT 8240

Neutron Absorption
293 Kelvin Cross Sections

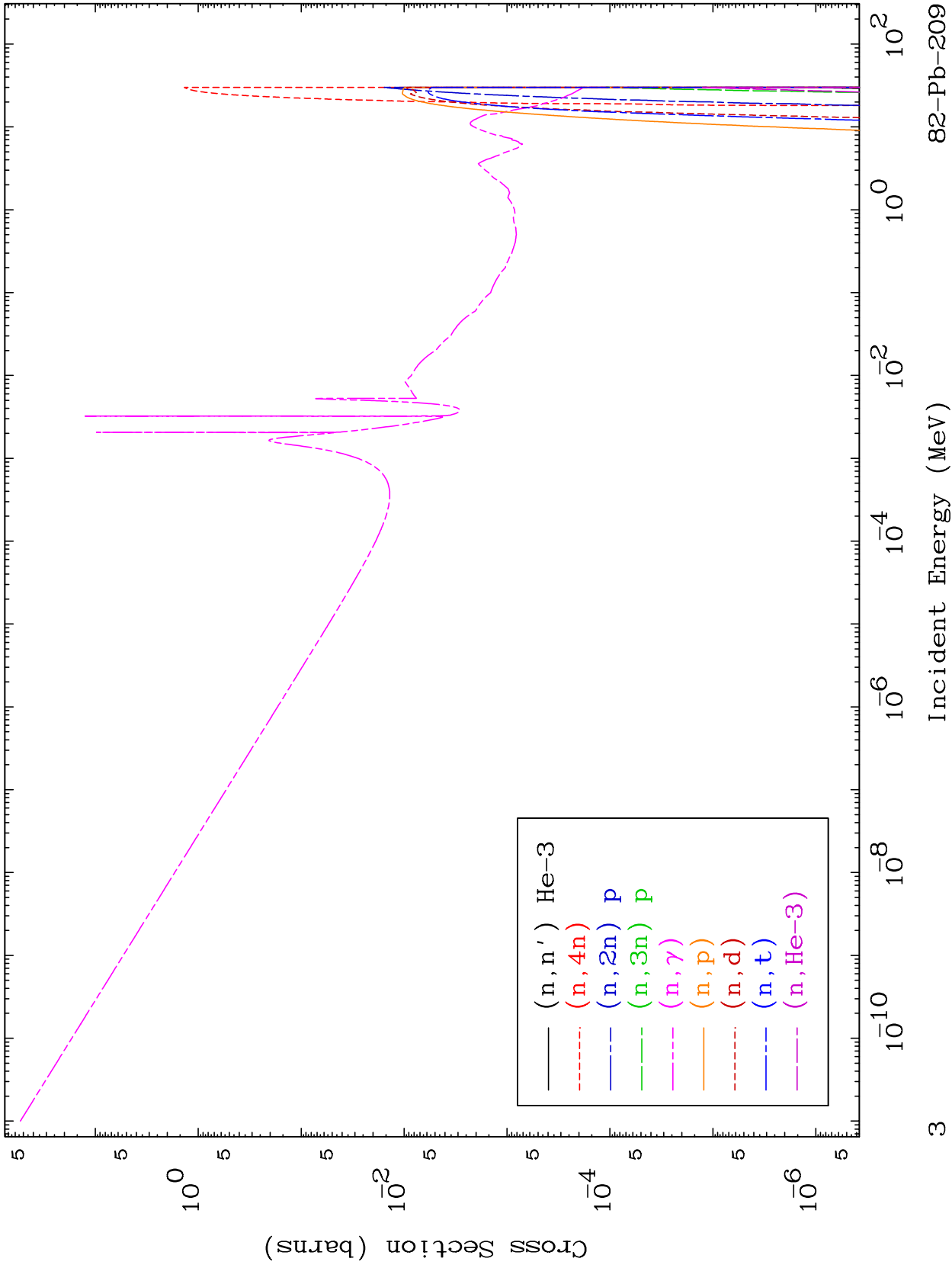
82-Pb-209

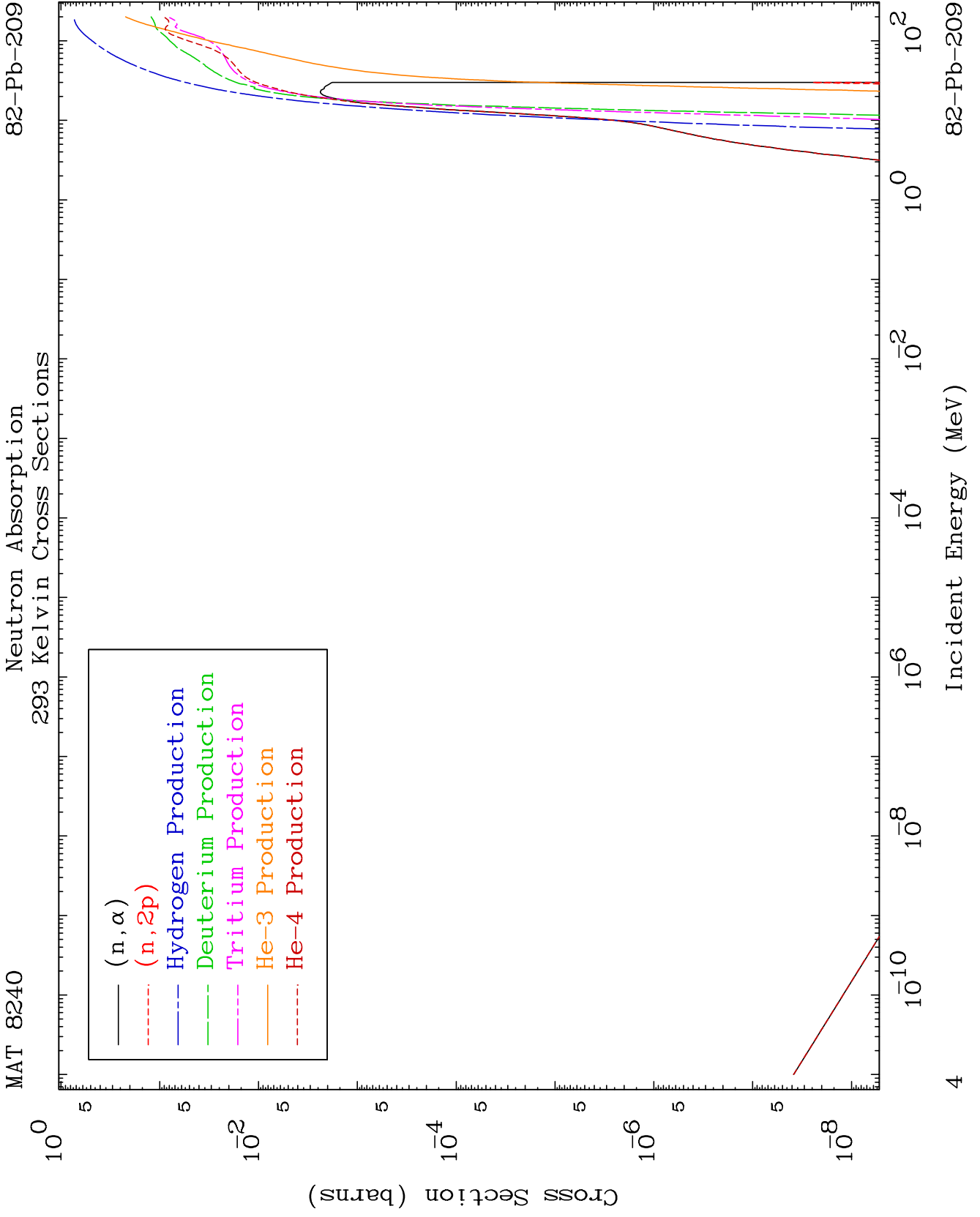


MAT 8240

Neutron Absorption
293 Kelvin Cross Sections

82-Pb-209

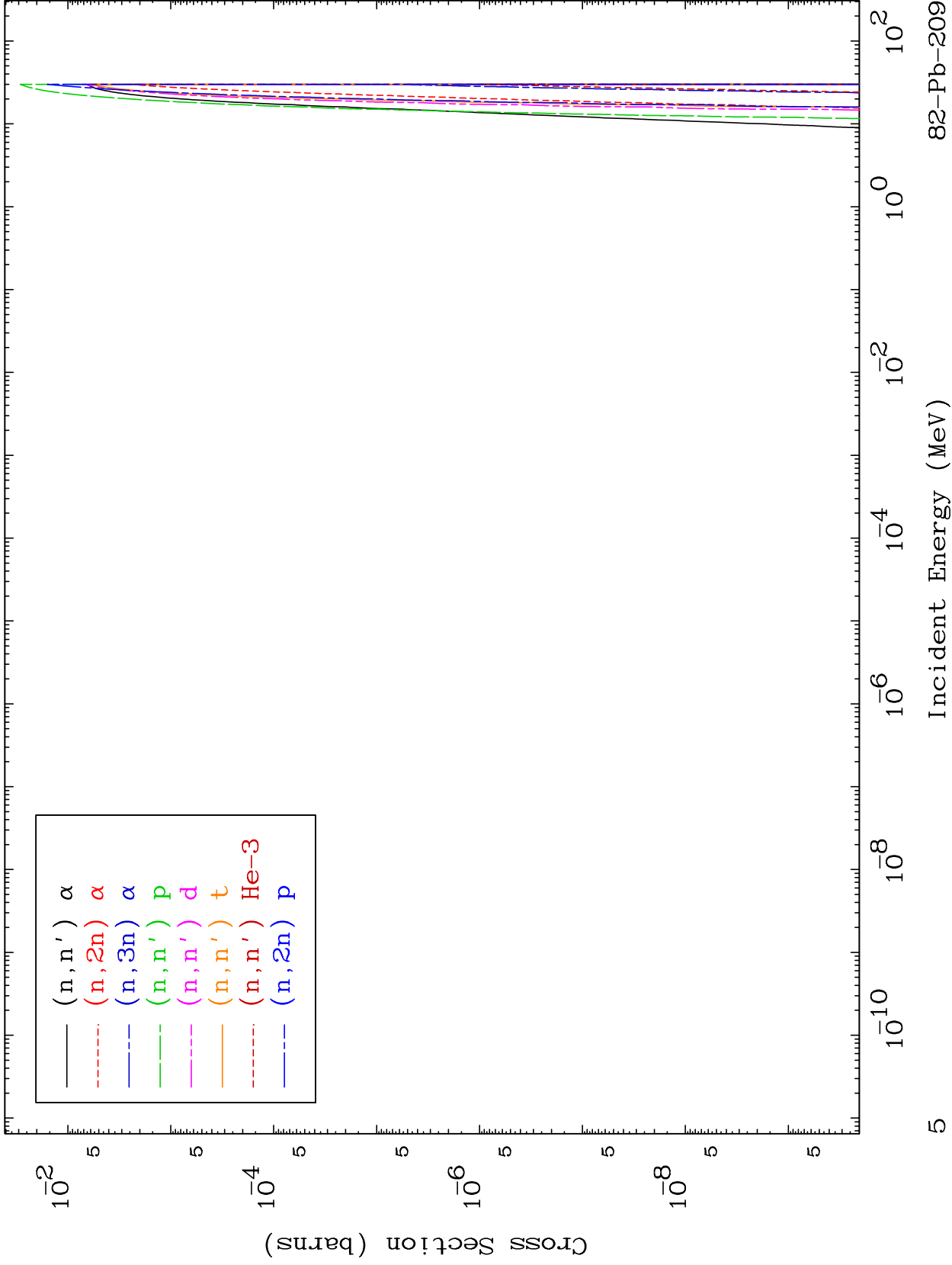




MAT 8240

Charged Particle
293 Kelvin Cross Sections

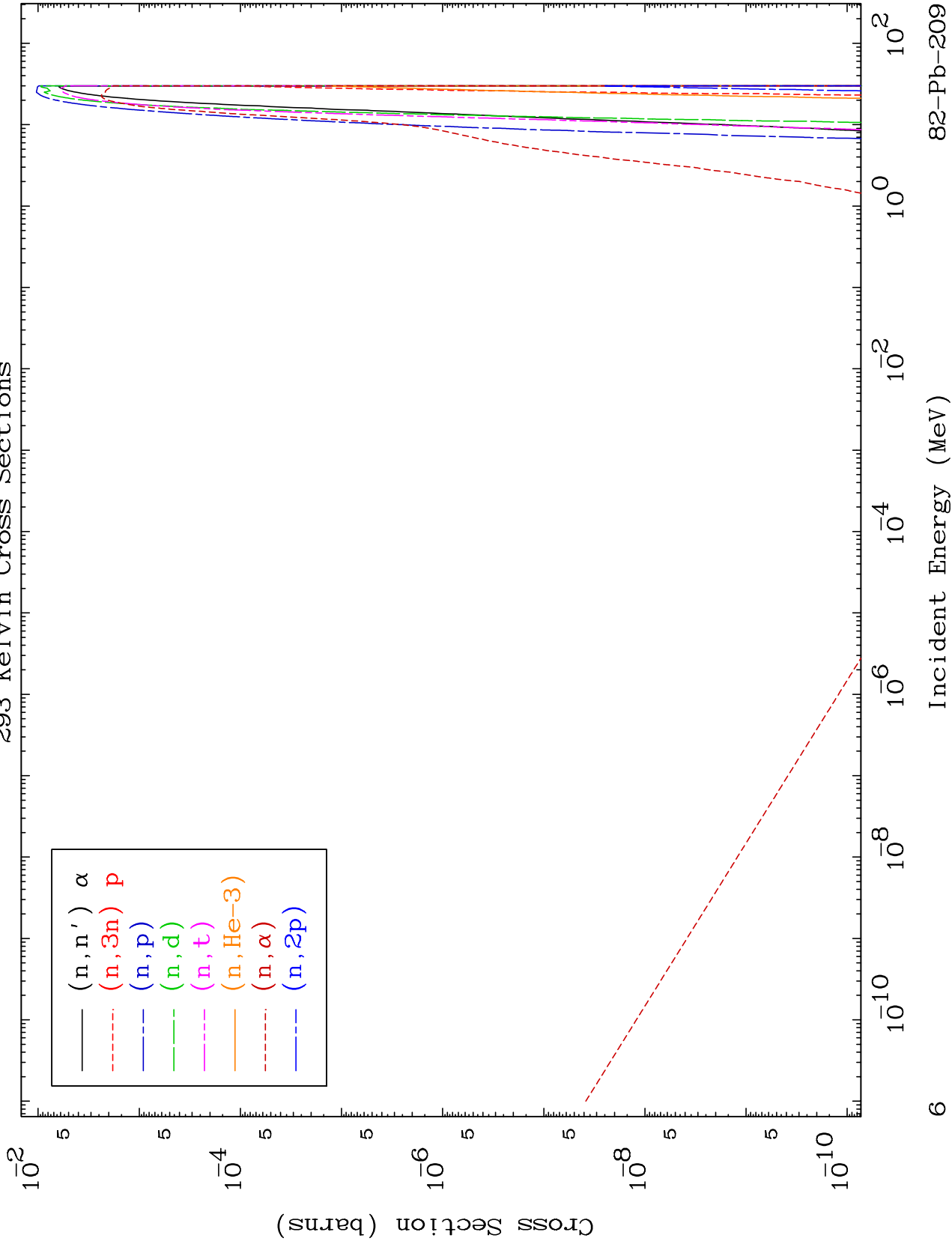
82-Pb-209



MAT 8240

Charged Particle
293 Kelvin Cross Sections

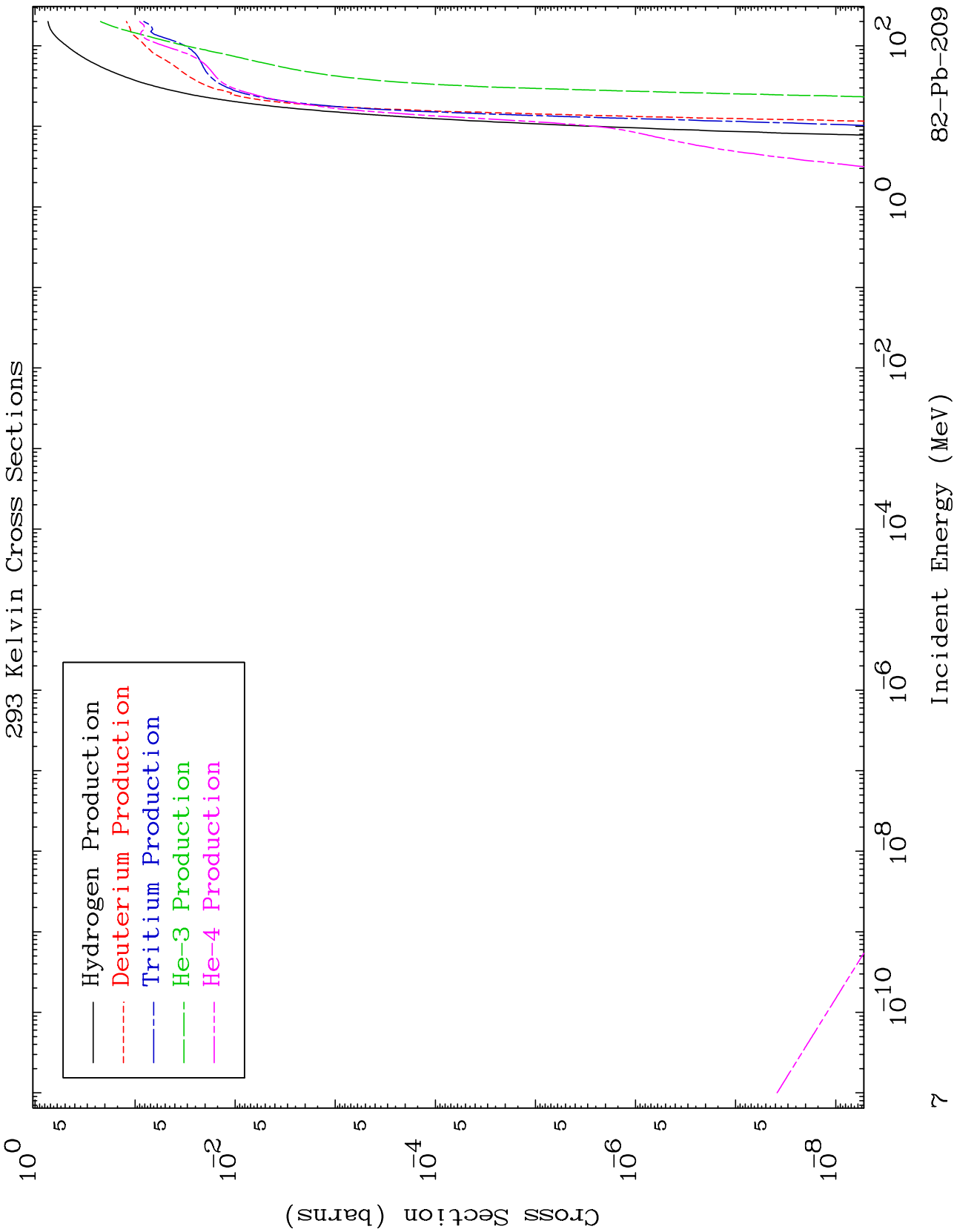
82-Pb-209



MAT 8240

Particle Production
293 Kelvin Cross Sections

82-Pb-209

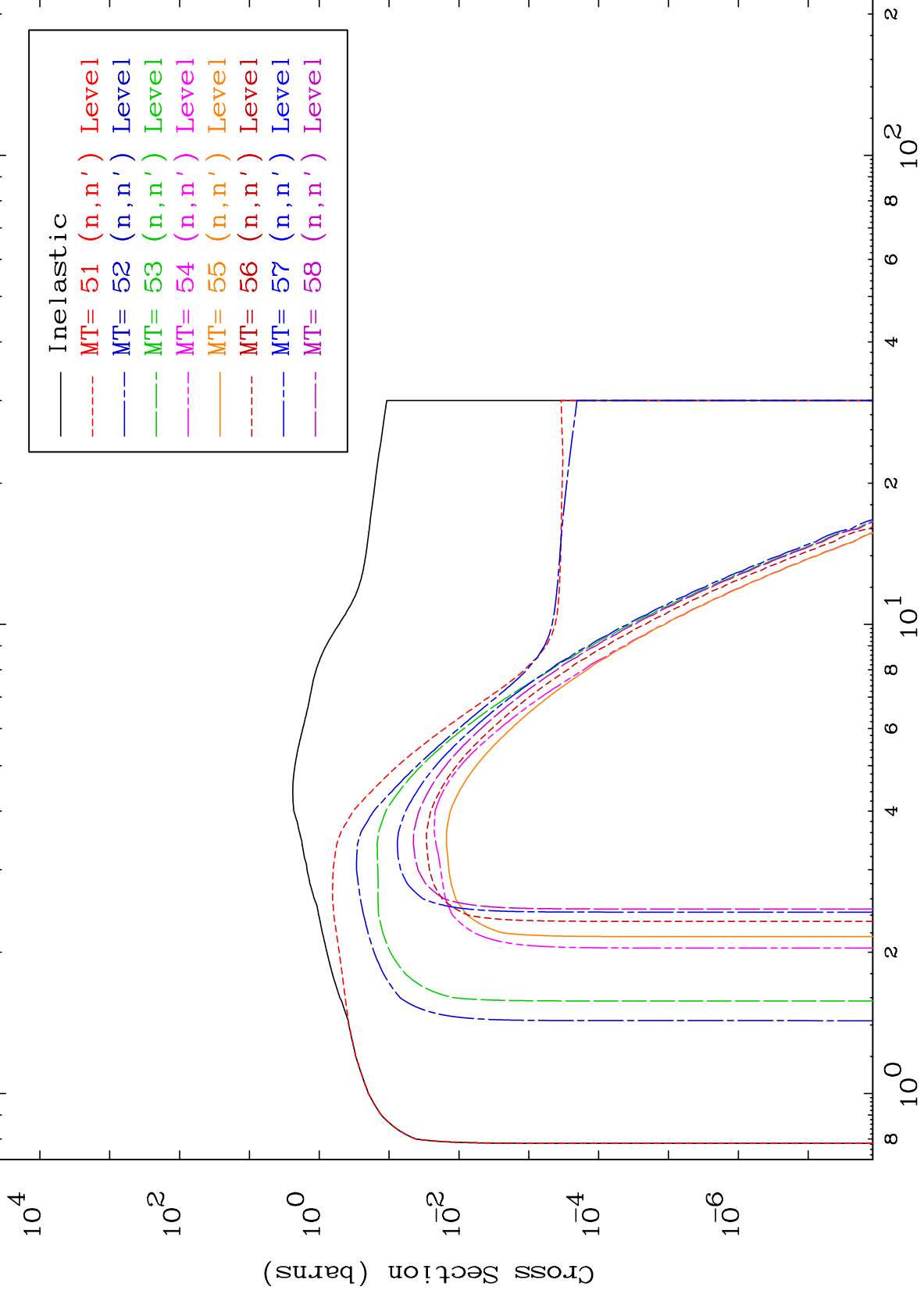


MAT 8240

(n,n') Levels

82-Pb-209

293 Kelvin Cross Sections



8

Incident Energy (MeV)

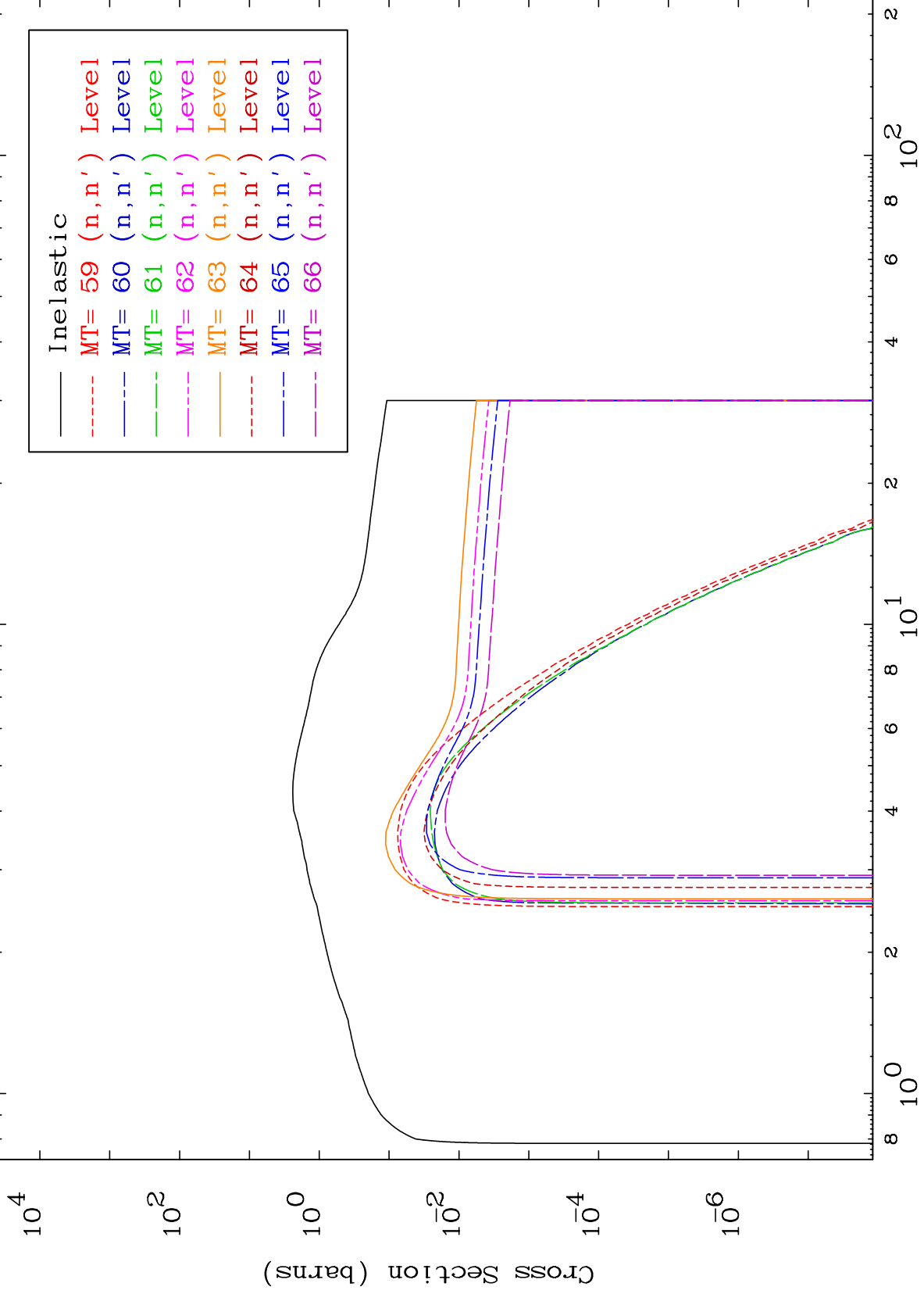
82-Pb-209

MAT 8240

(n,n') Levels

82-Pb-209

293 Kelvin Cross Sections



9

Incident Energy (MeV)

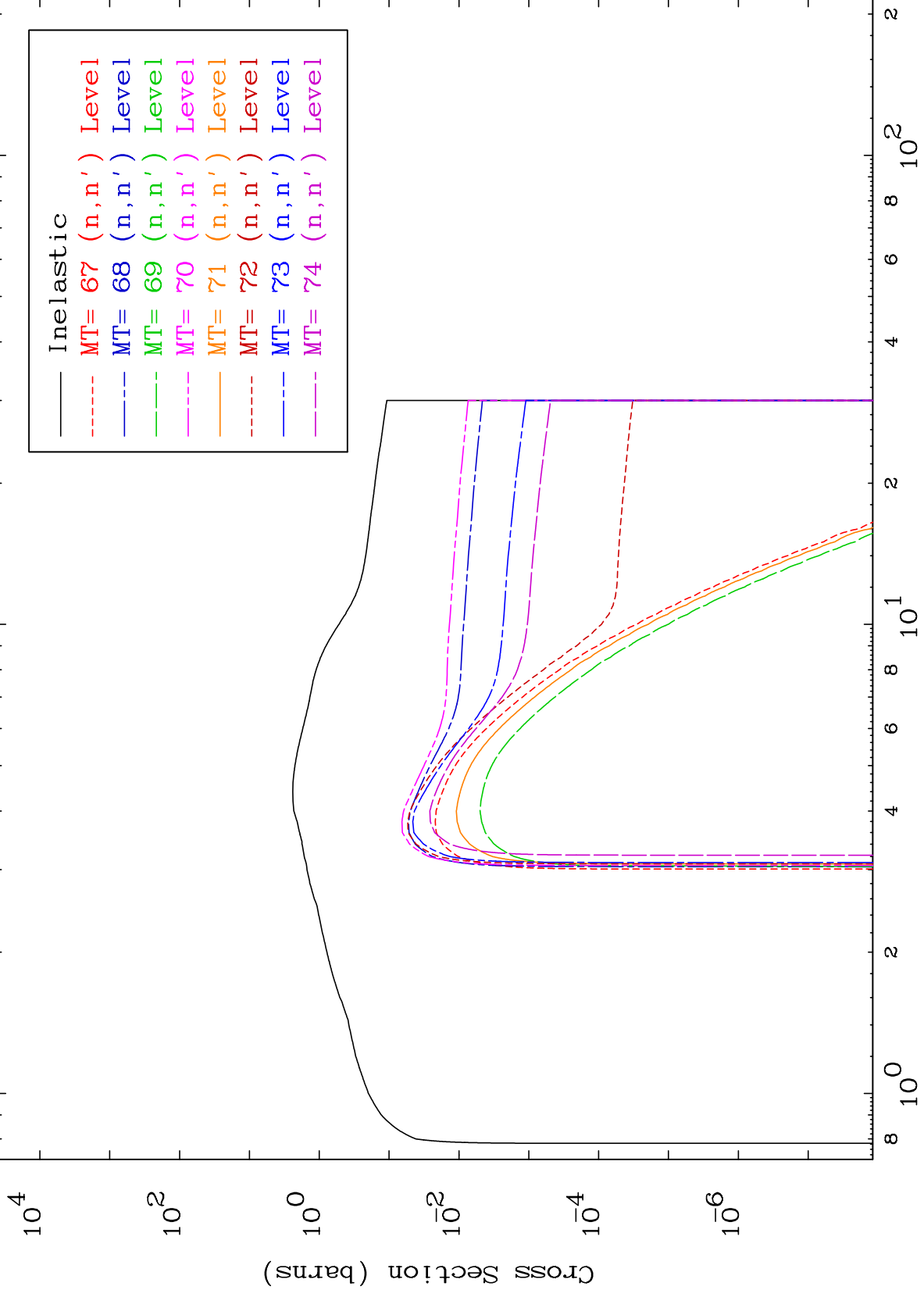
82-Pb-209

MAT 8240

(n,n') Levels

82-Pb-209

293 Kelvin Cross Sections



10

Incident Energy (MeV)

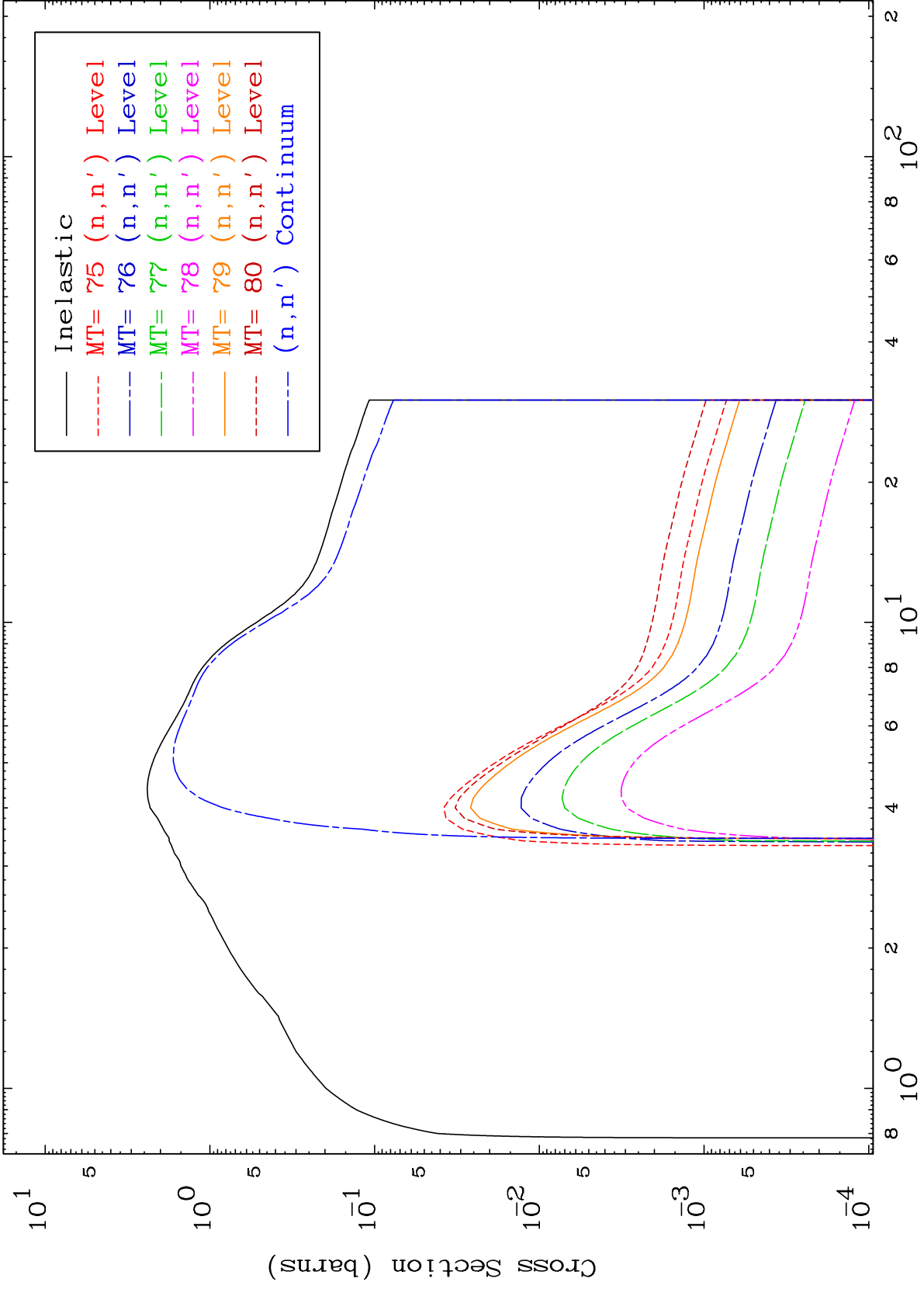
82-Pb-209

MAT 8240

(n,n') Levels

82-Pb-209

293 Kelvin Cross Sections



11

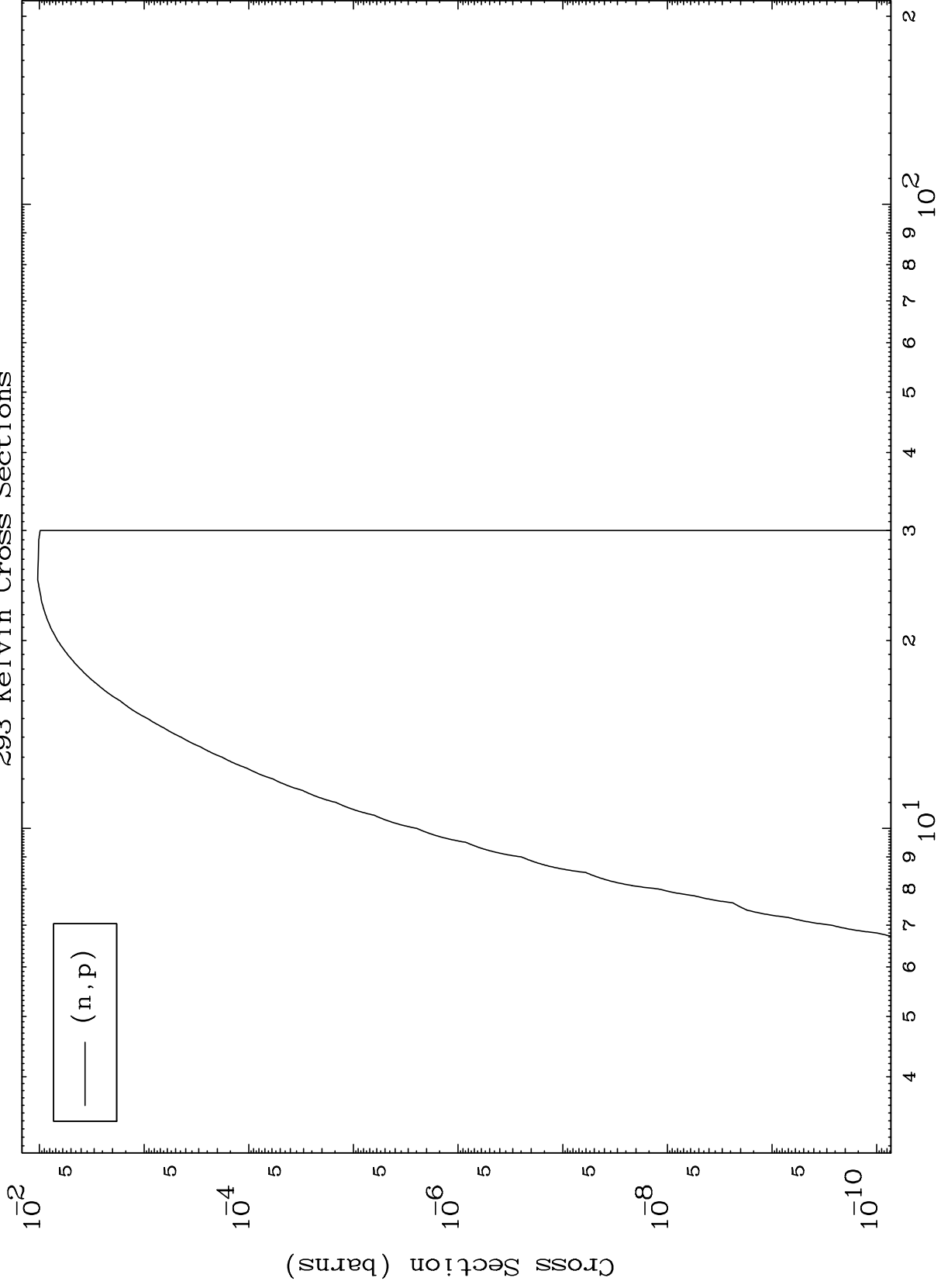
Incident Energy (MeV)

82-Pb-209

MAT 8240

(n,p) Levels
293 Kelvin Cross Sections

82-Pb-209



12

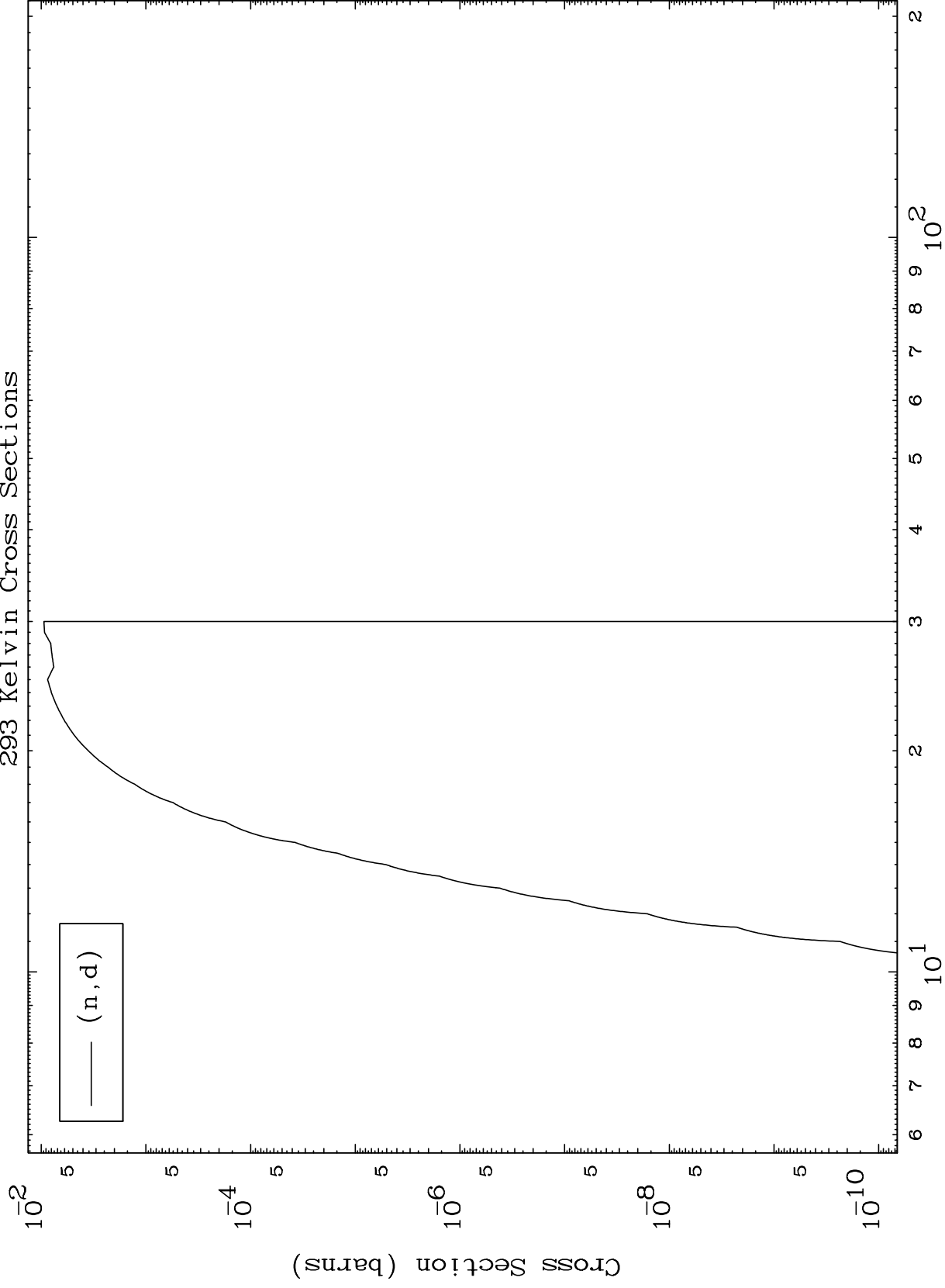
Incident Energy (MeV)

82-Pb-209

MAT 8240

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-209



13

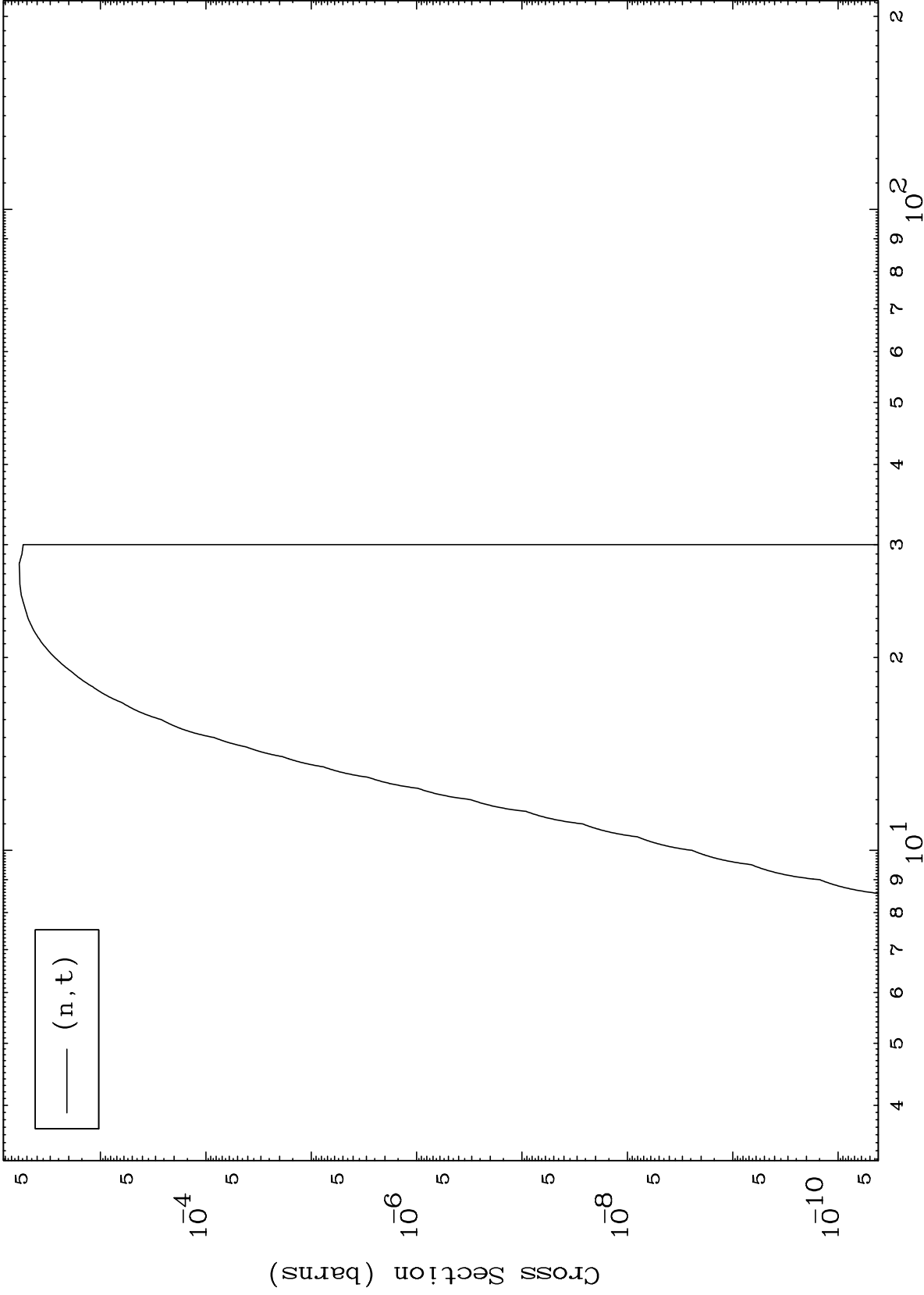
Incident Energy (MeV)

82-Pb-209

MAT 8240

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-209



(n,t)

14

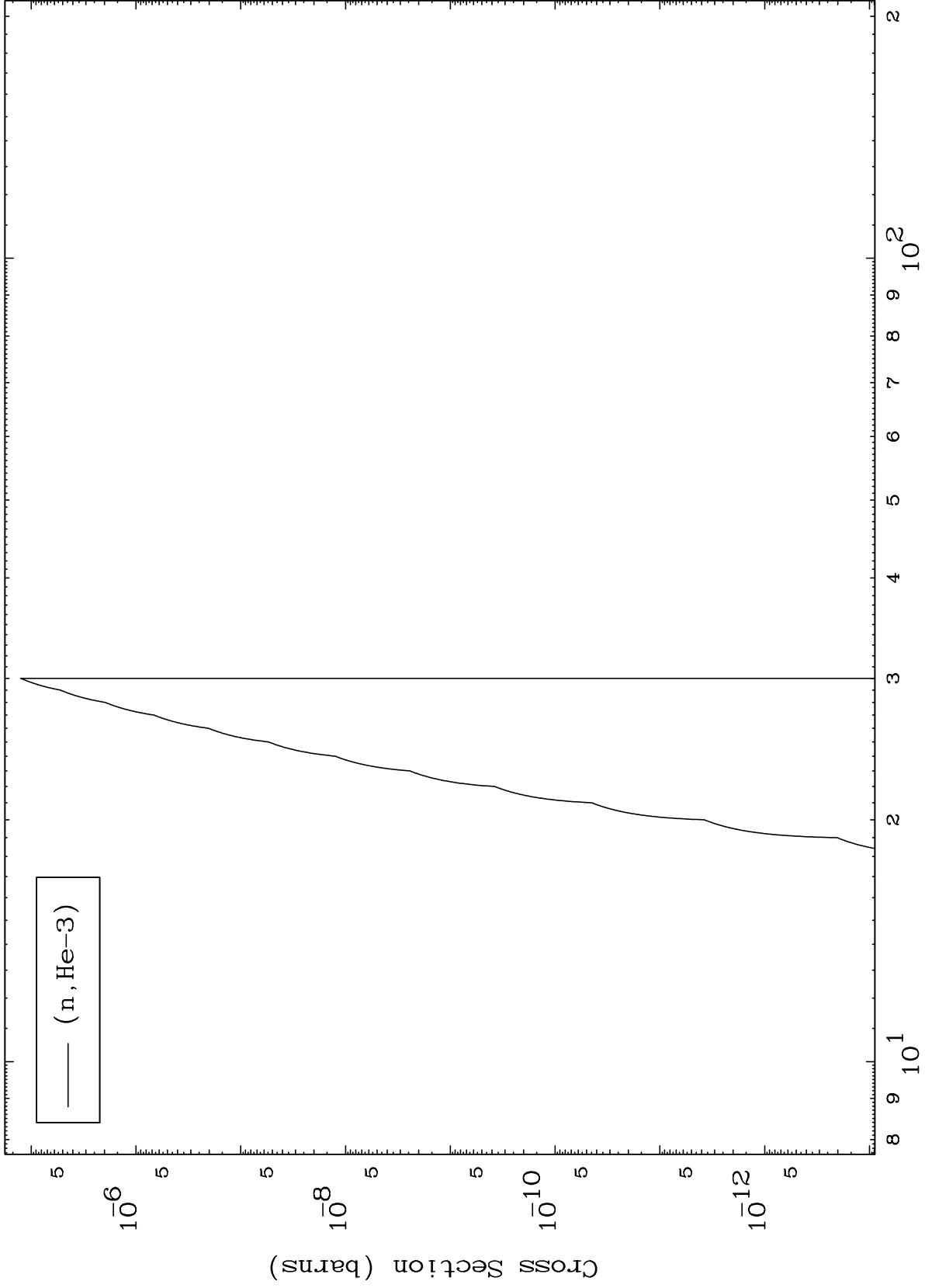
Incident Energy (MeV)

82-Pb-209

MAT 8240

(n,He3) Levels
293 Kelvin Cross Sections

82-Pb-209



15

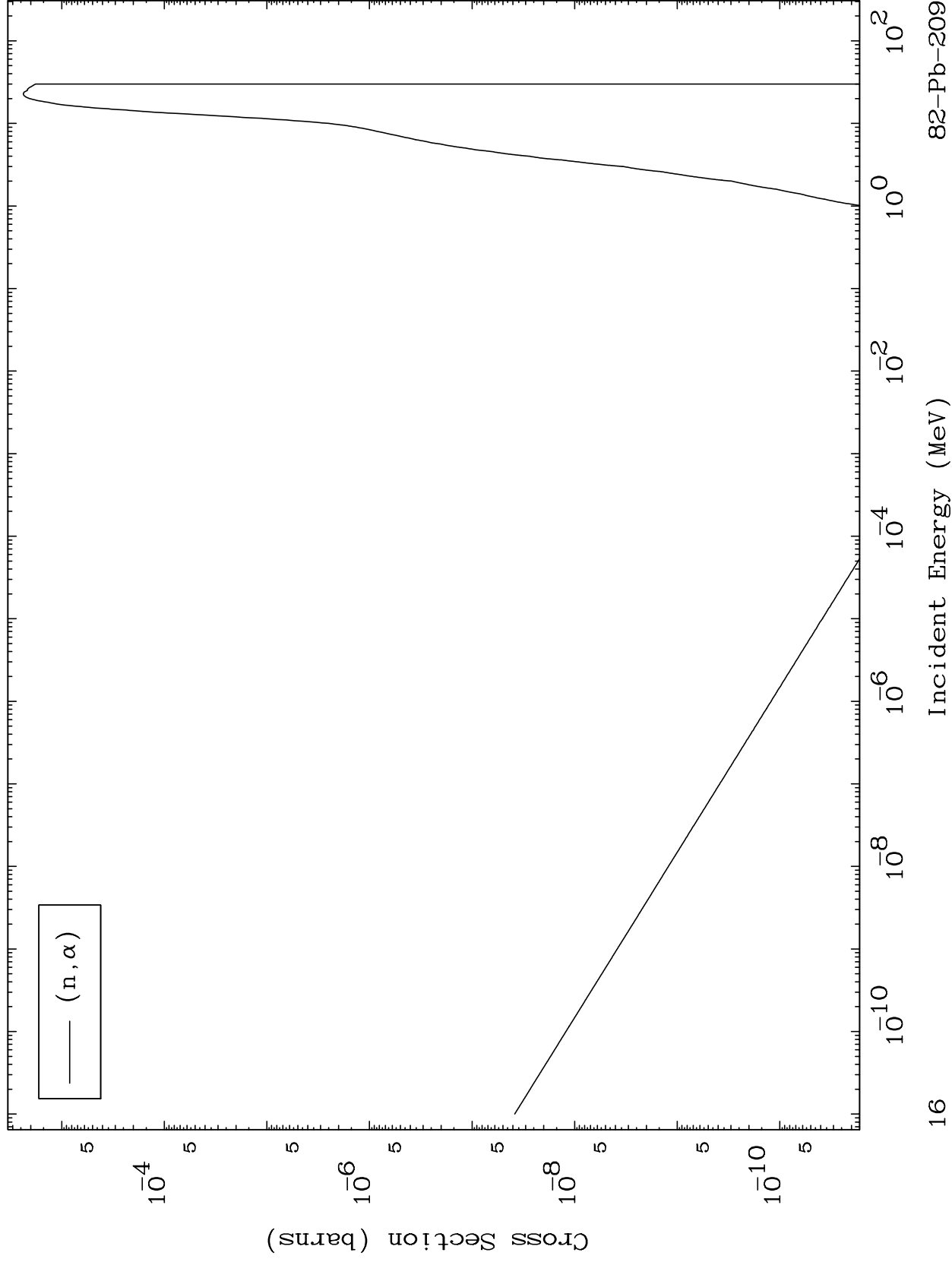
Incident Energy (MeV)

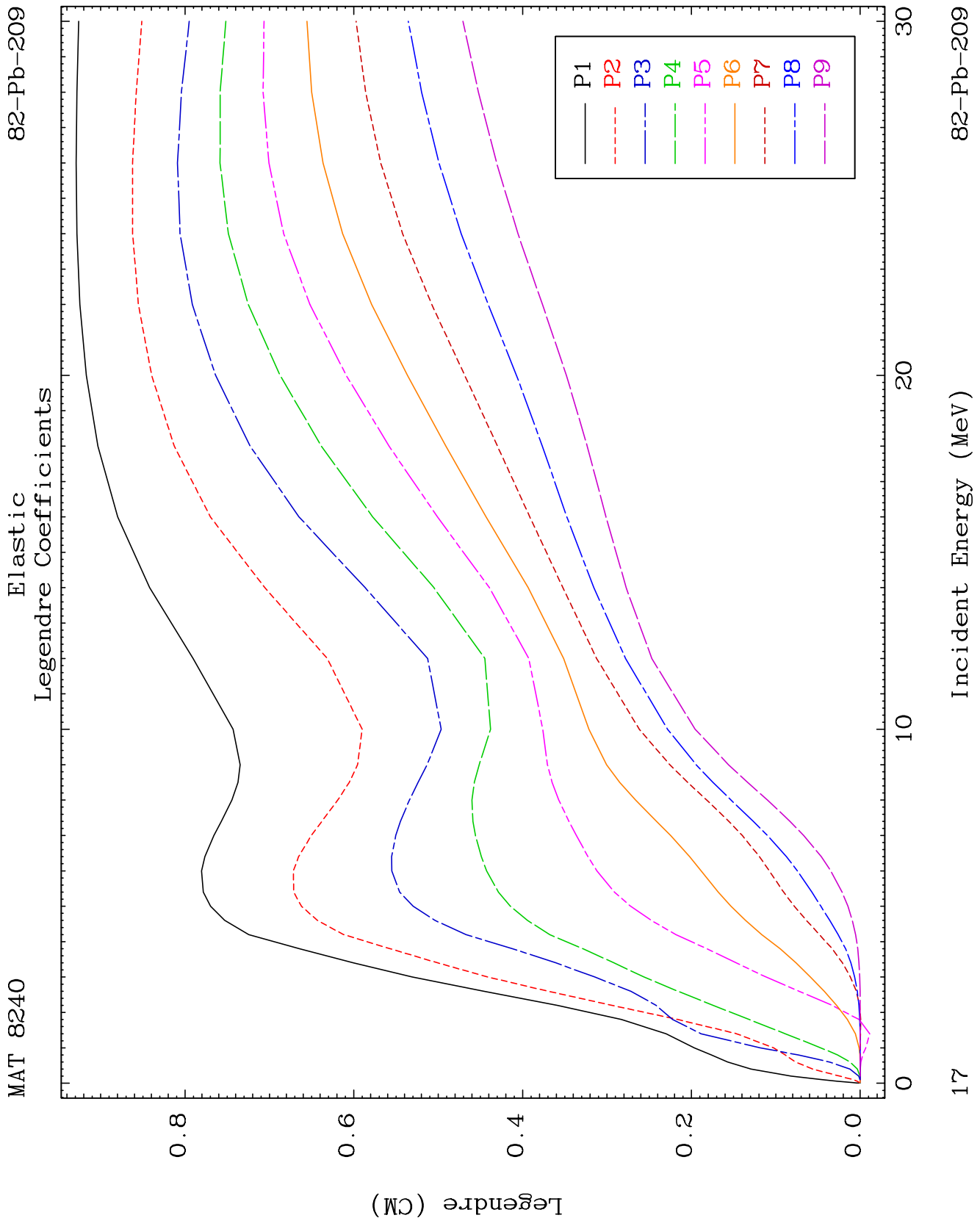
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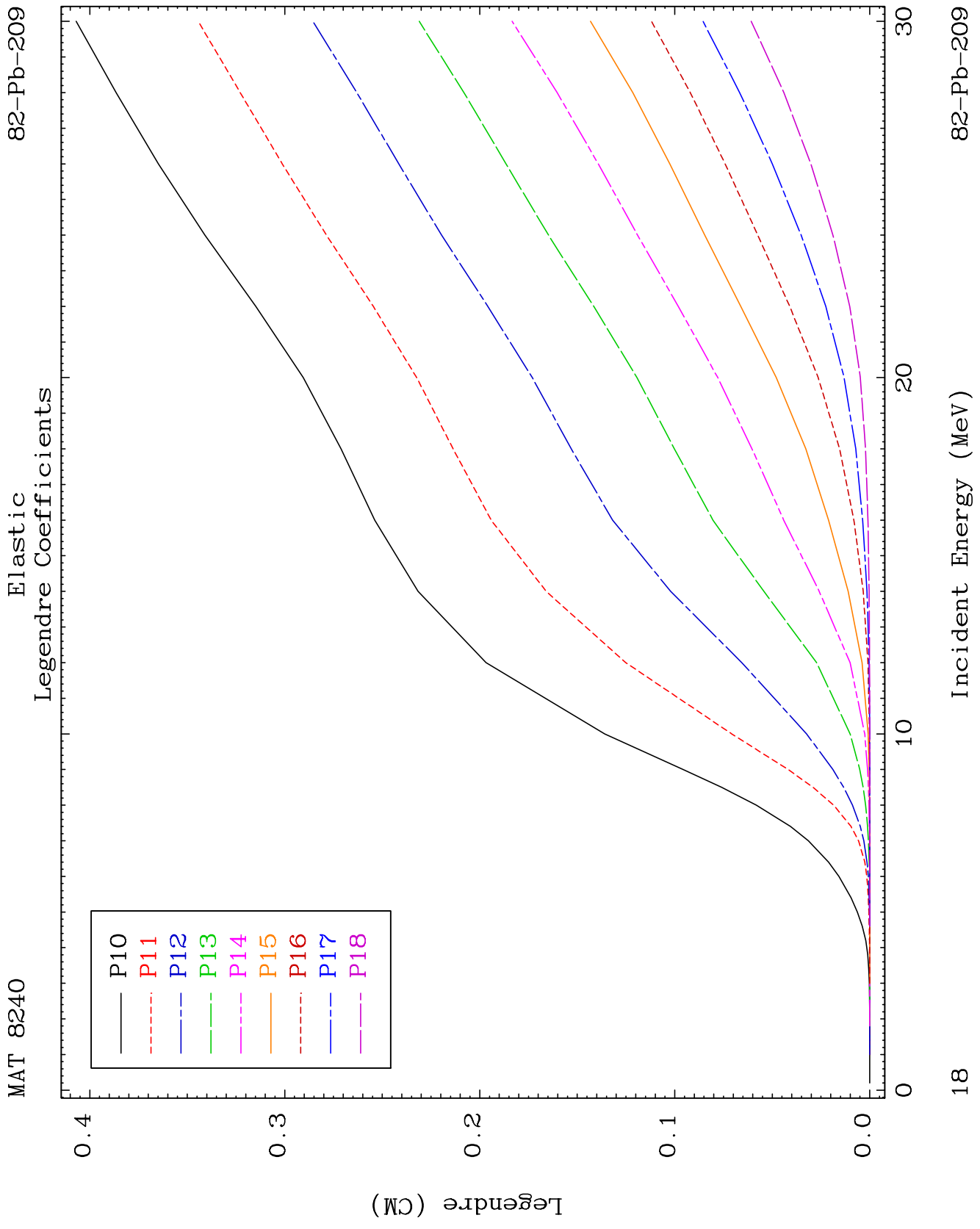
MAT 8240

(n, α) Levels
293 Kelvin Cross Sections

82-Pb-209



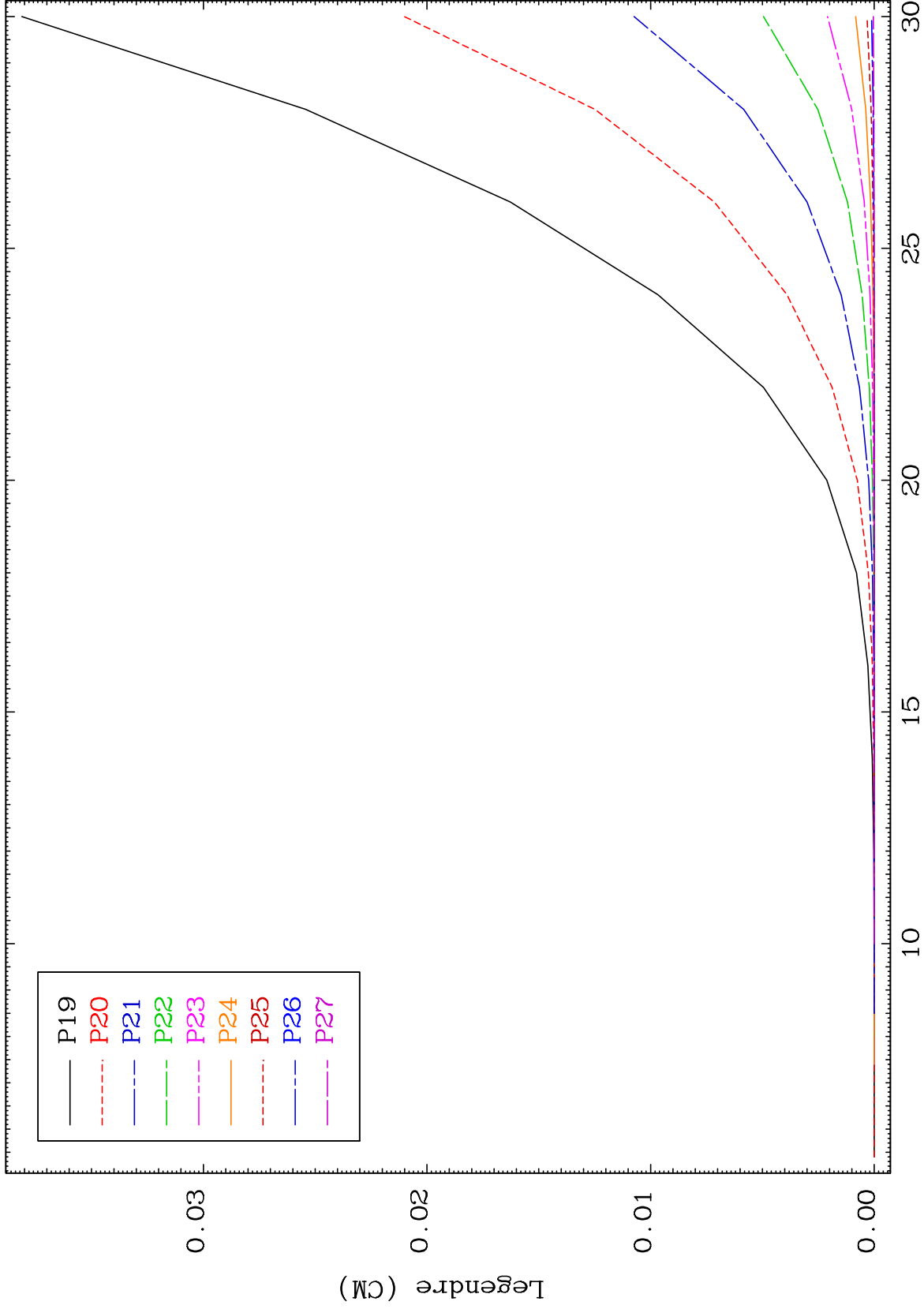




MAT 8240

Elastic Legendre Coefficients

82-Pb-209



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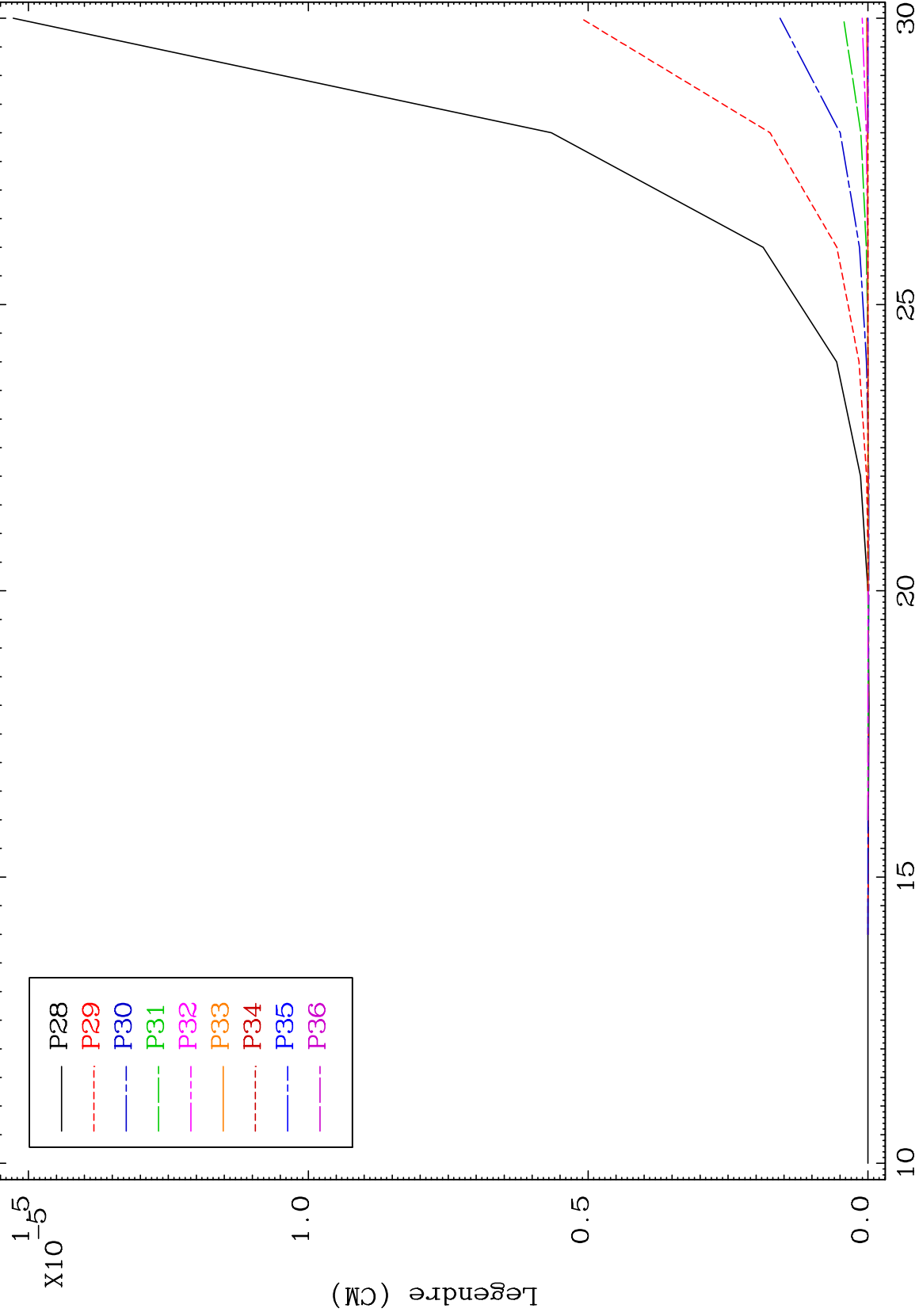
Incident Energy (MeV)

82-Pb-209

MAT 8240

Elastic
Legendre Coefficients

82-Pb-209



82-Pb-209

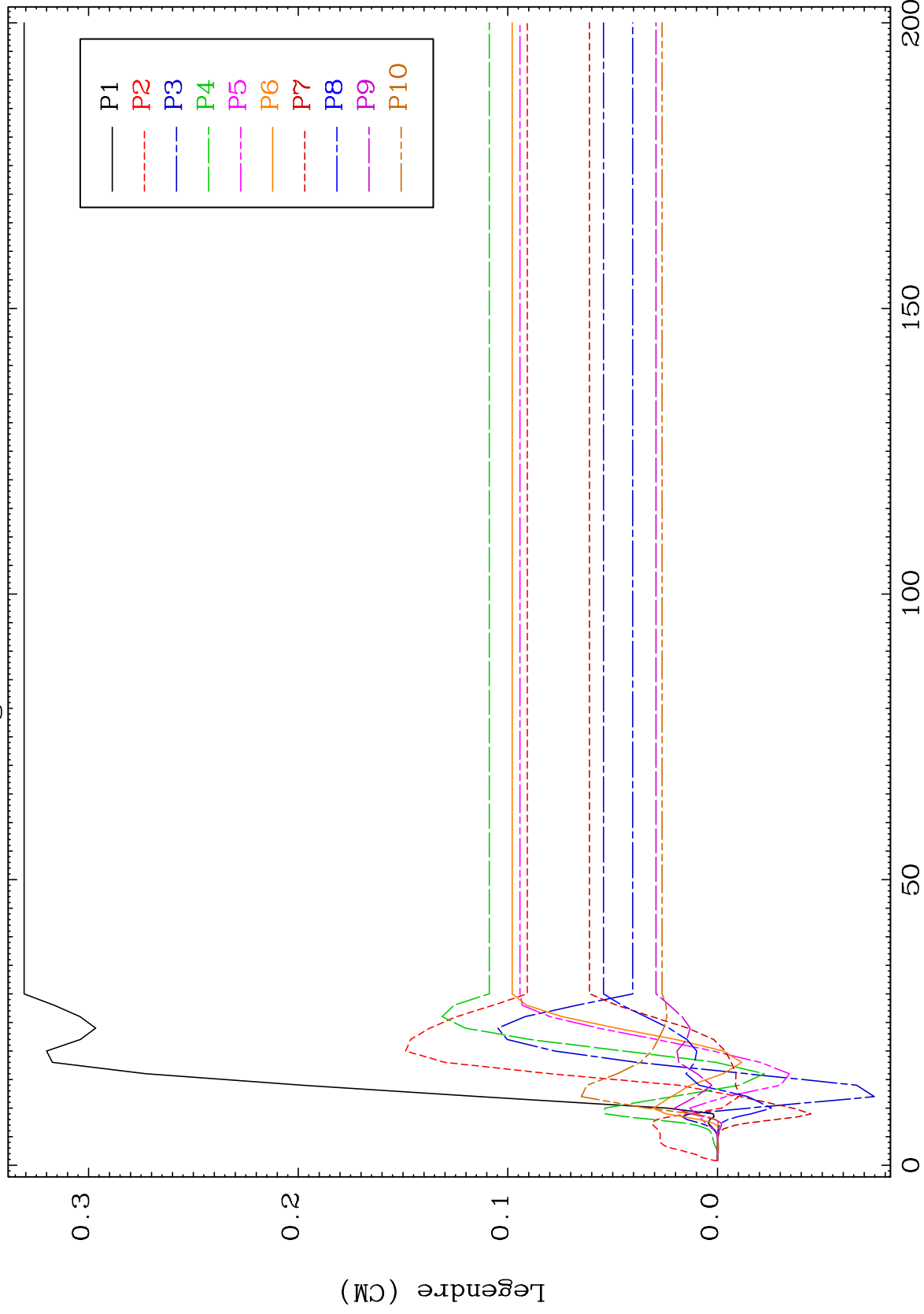
Incident Energy (MeV)

20

MAT 8240

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

82-Pb-209



21

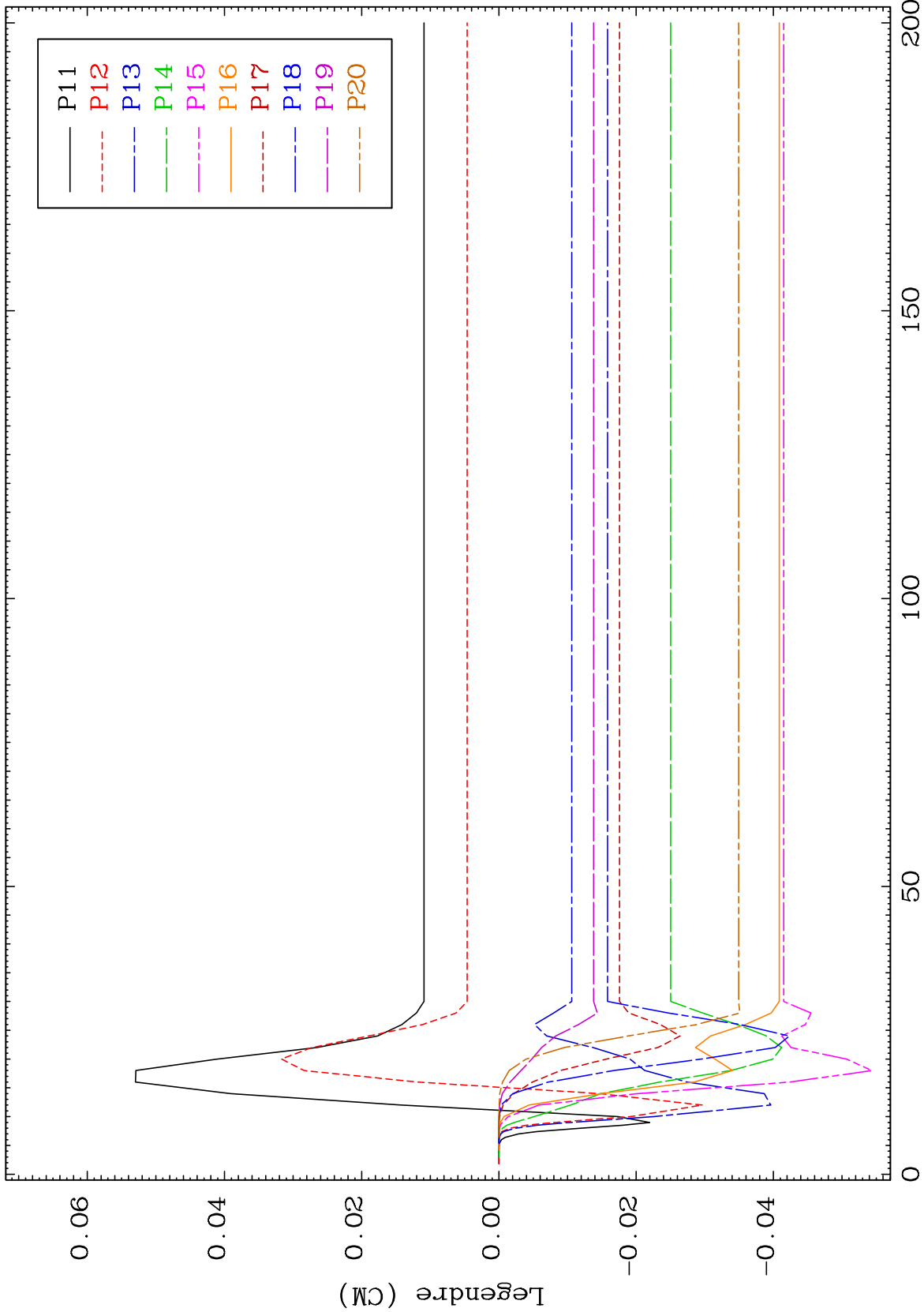
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



22

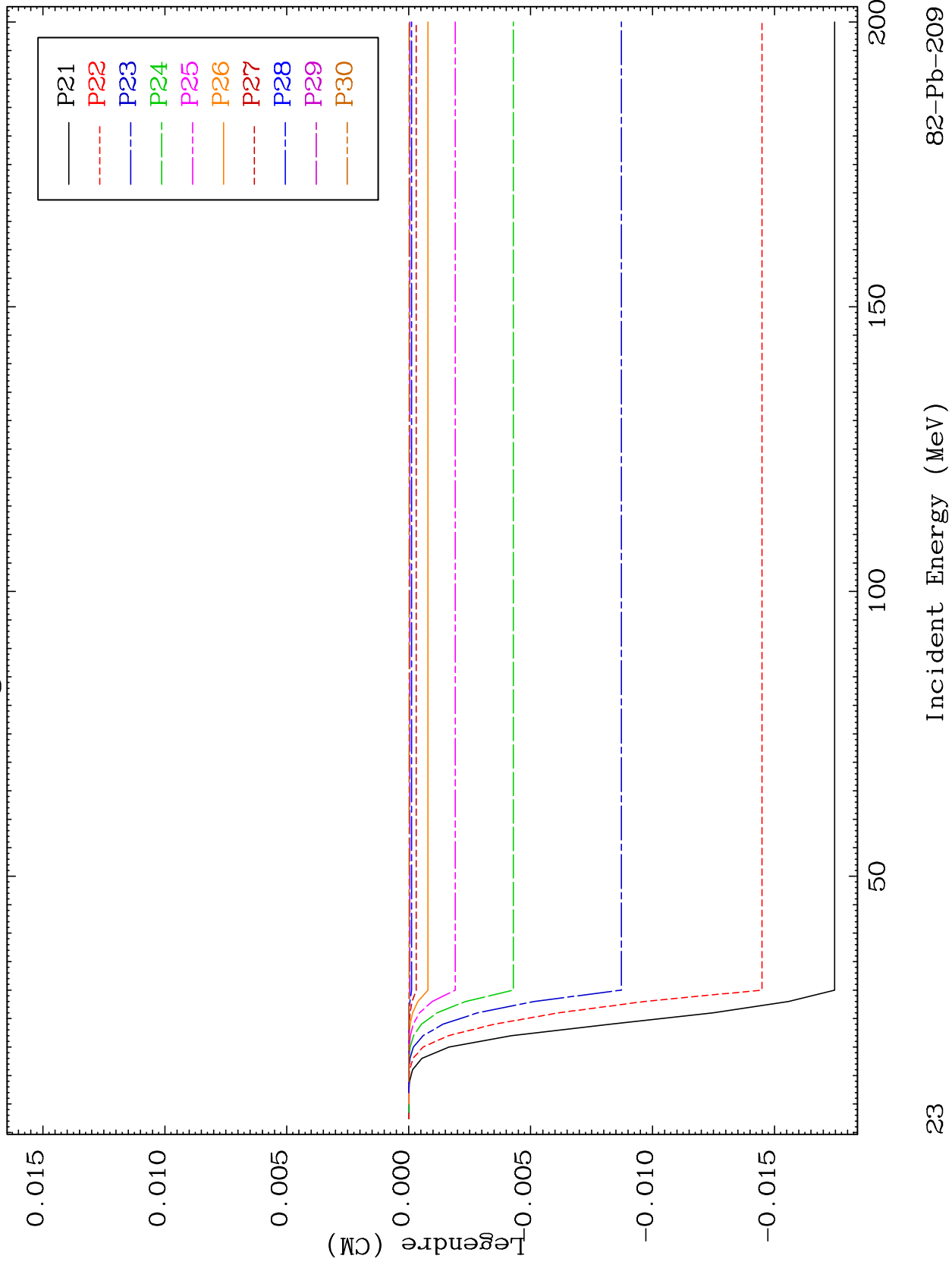
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

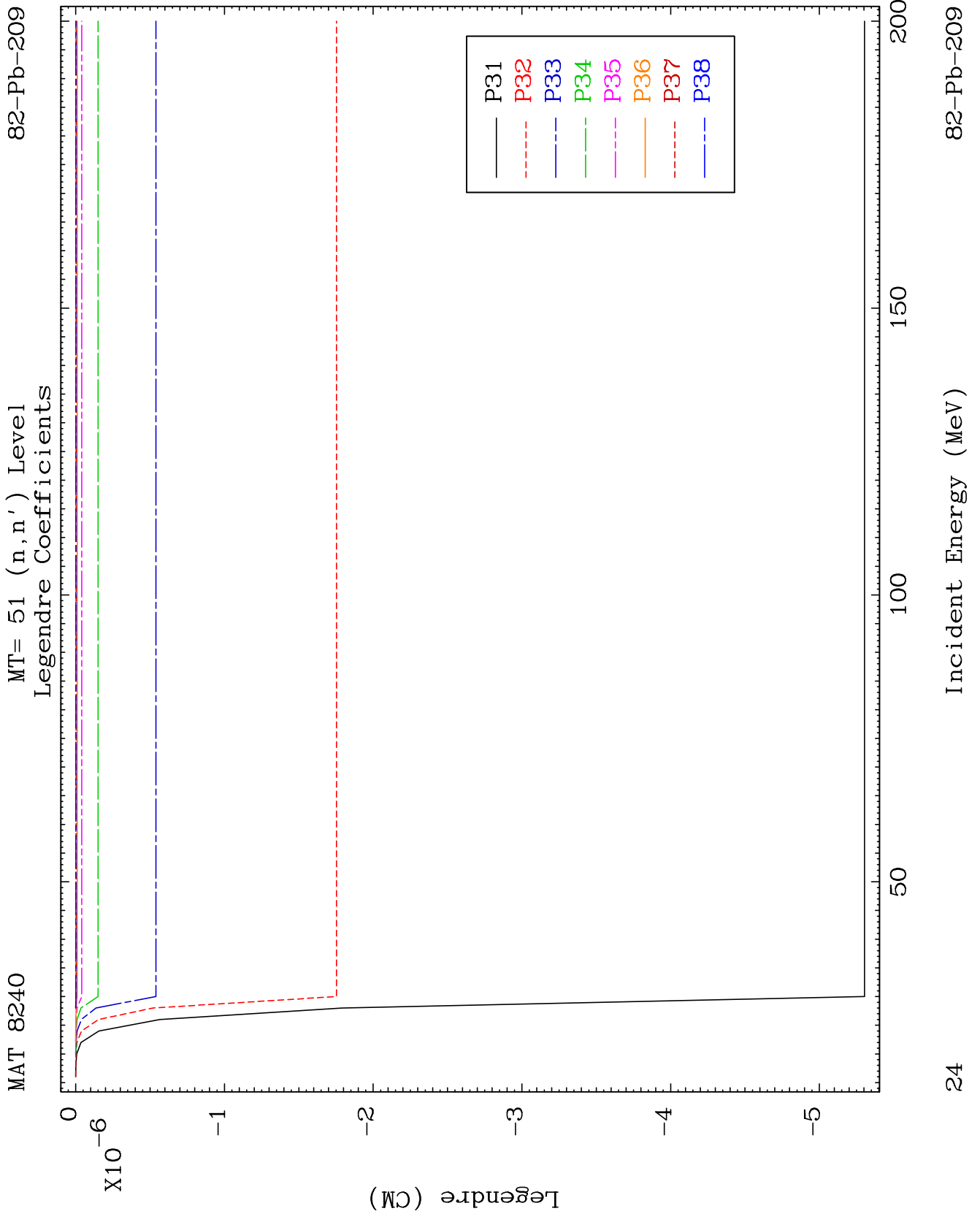
82-Pb-209



23

Incident Energy (MeV)

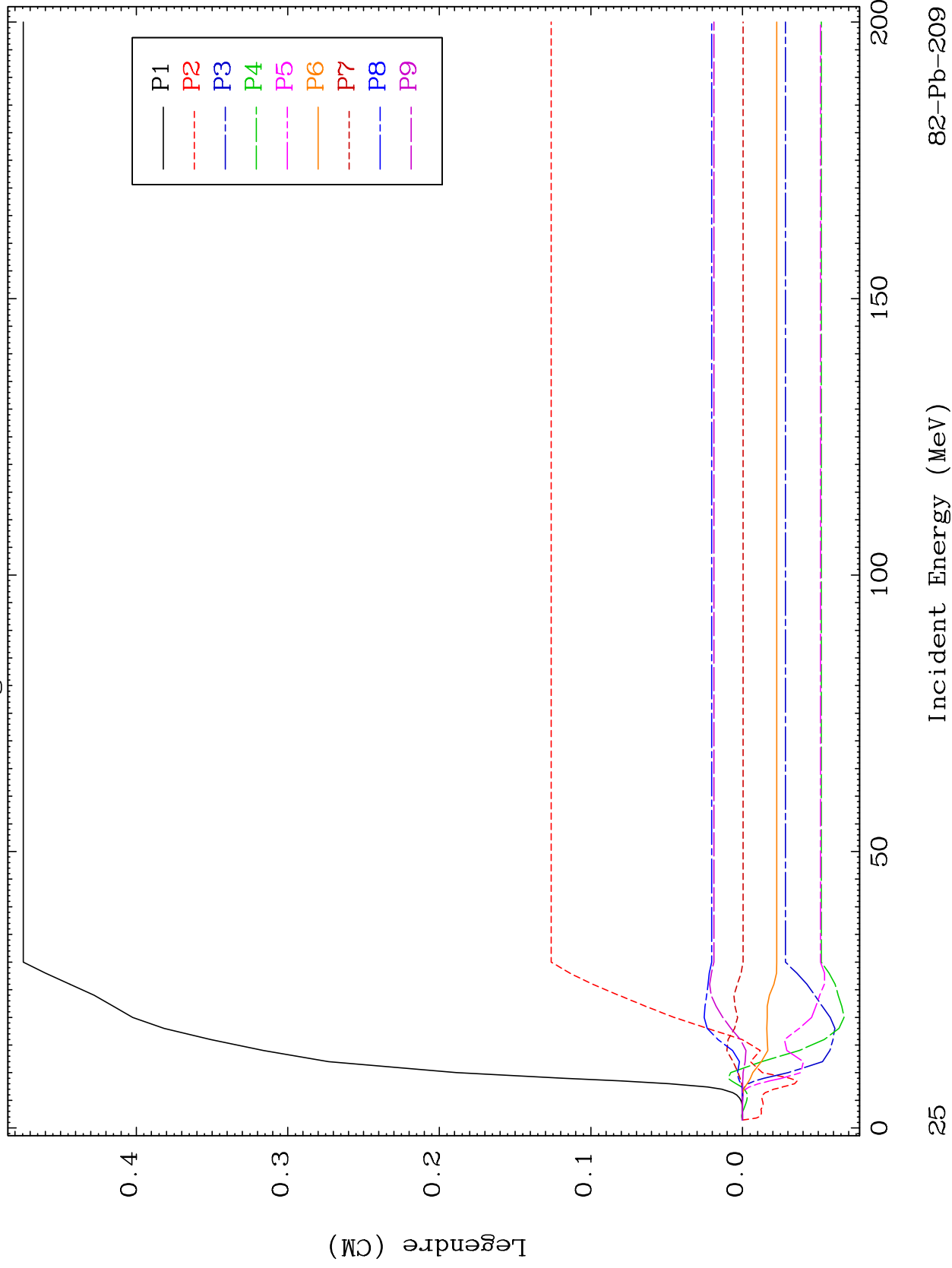
82-Pb-209



MAT 8240

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

82-Pb-209



82-Pb-209

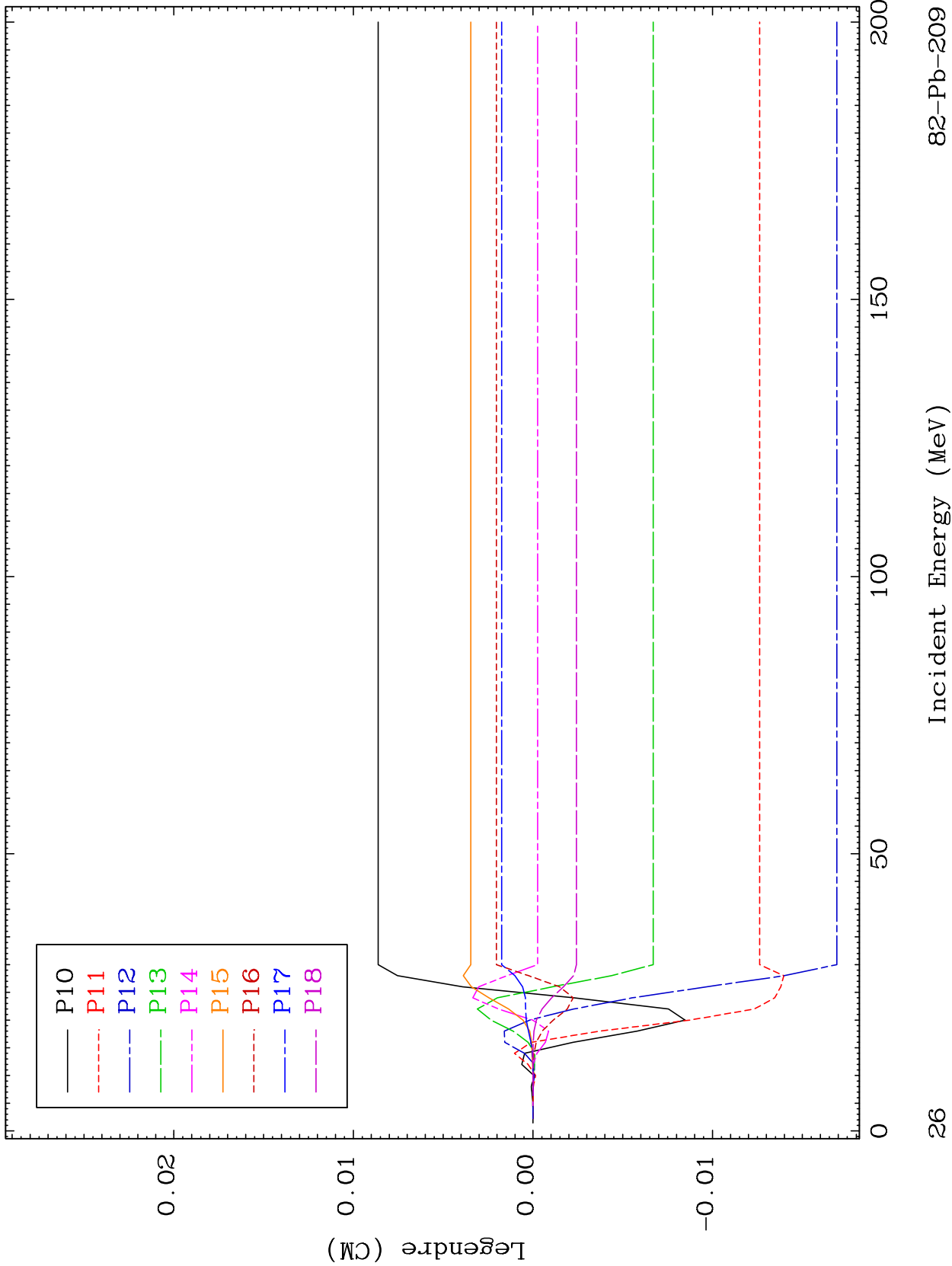
Incident Energy (MeV)

25

MAT 8240

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

82-Pb-209



26

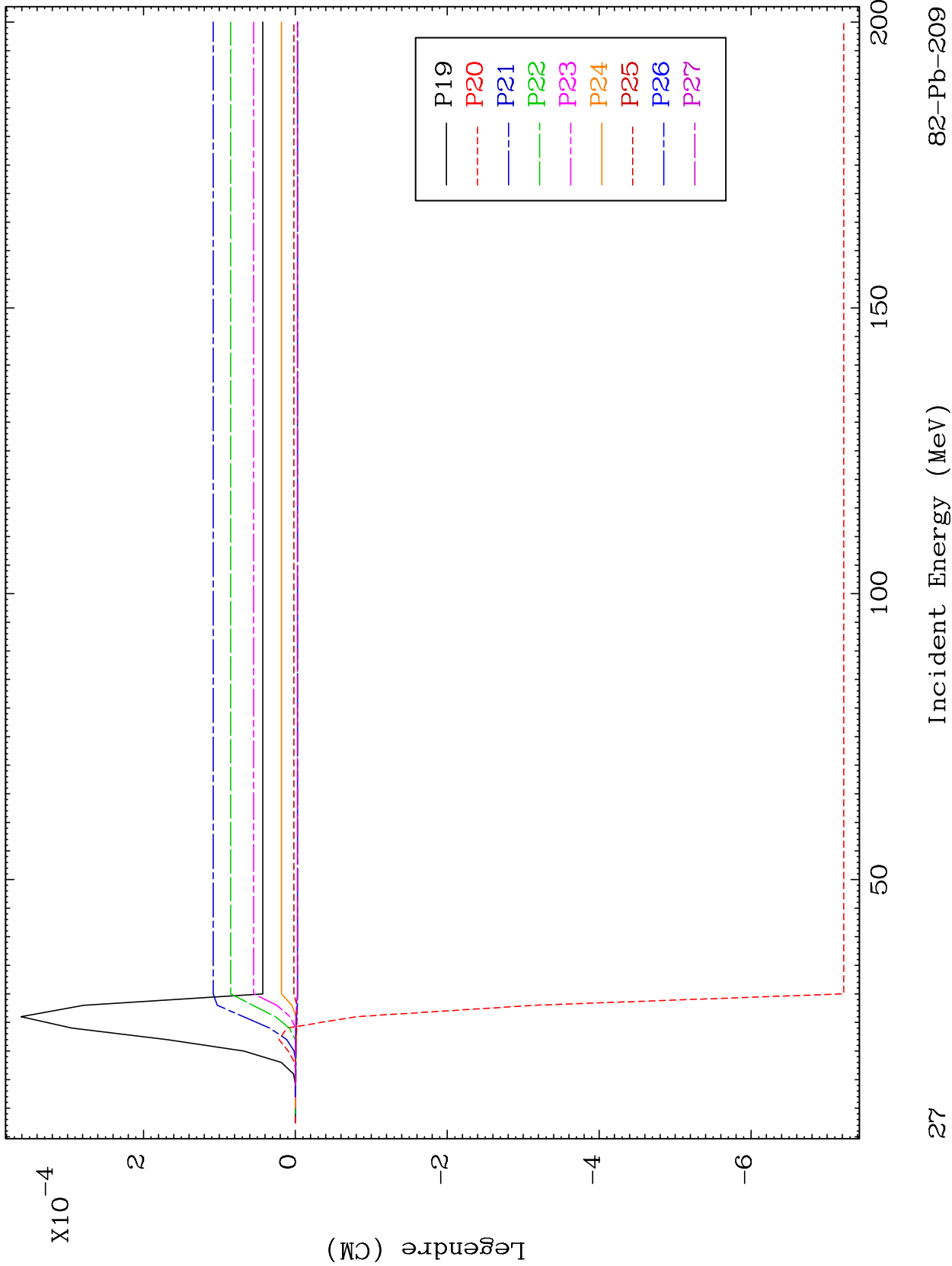
Incident Energy (MeV)

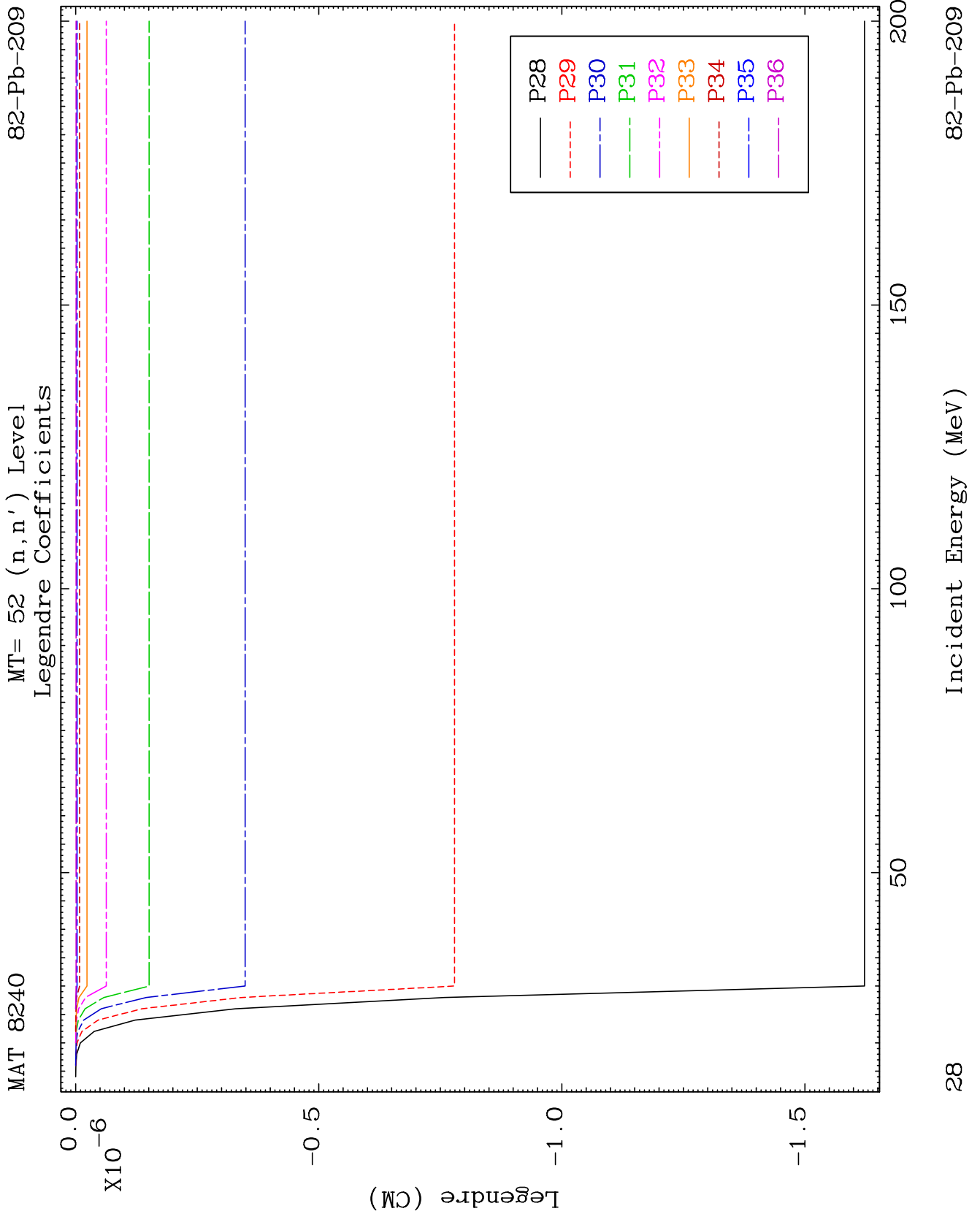
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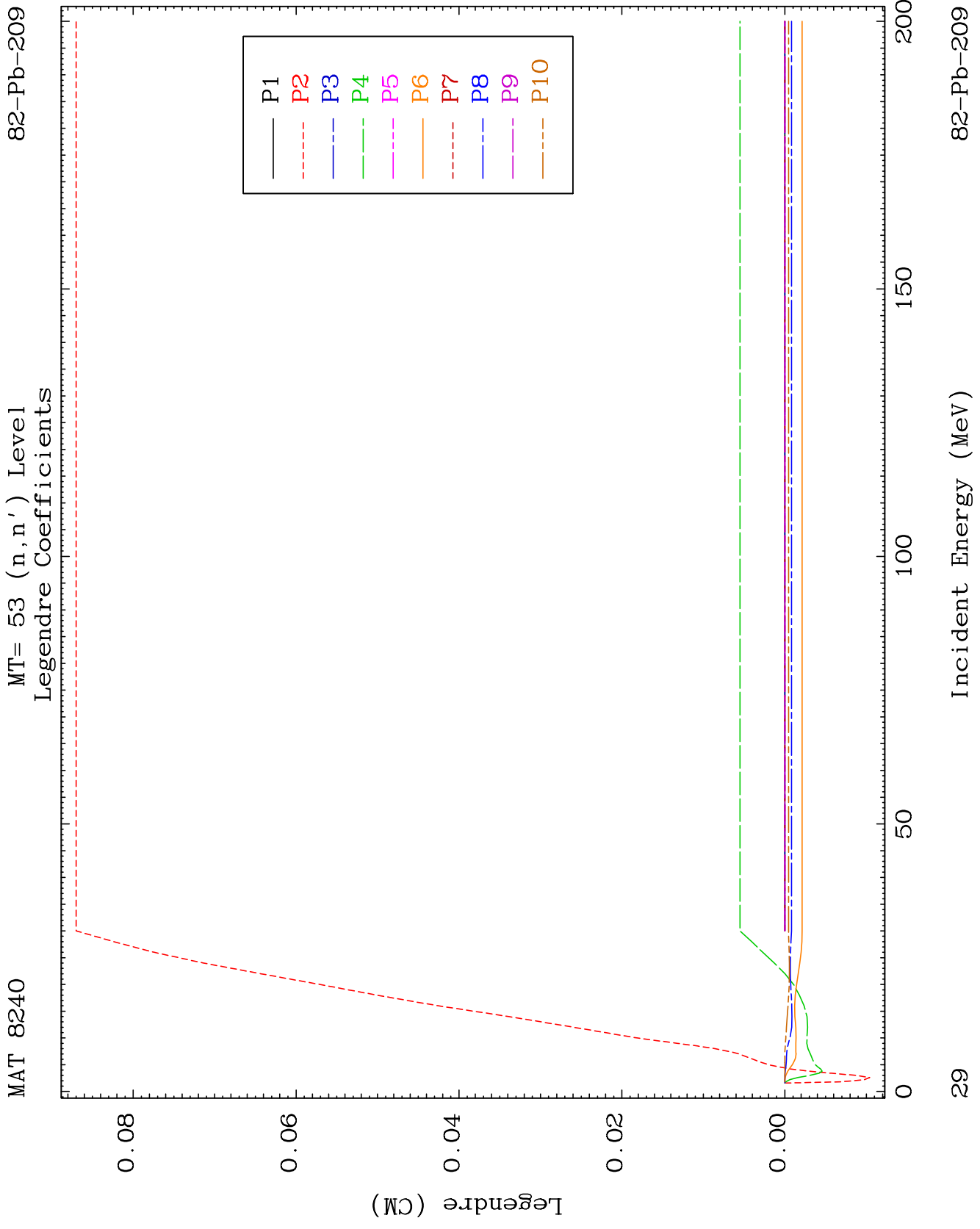
MAT 8240

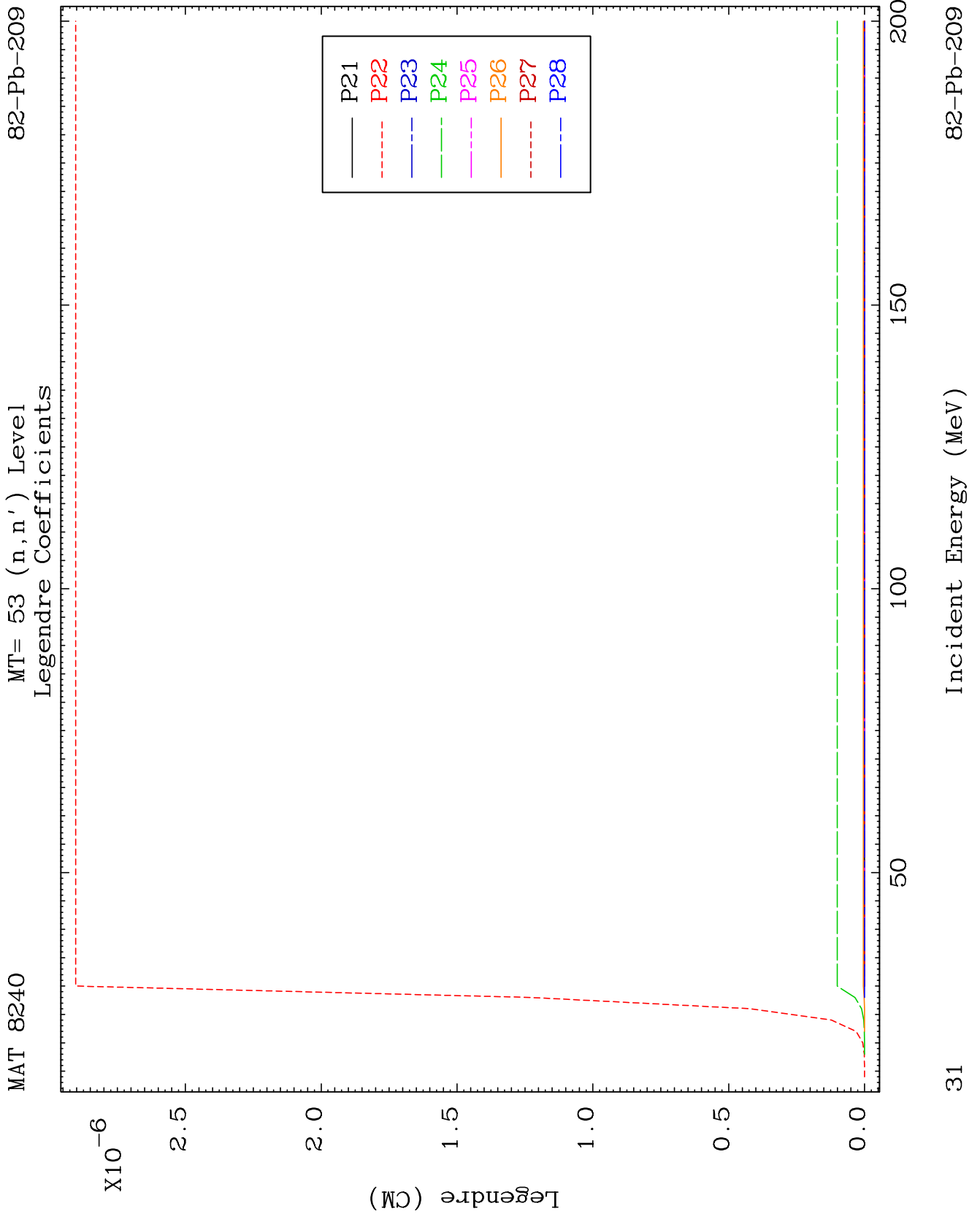
MT= 52 (n,n') Level
Legendre Coefficients

82-Pb-209







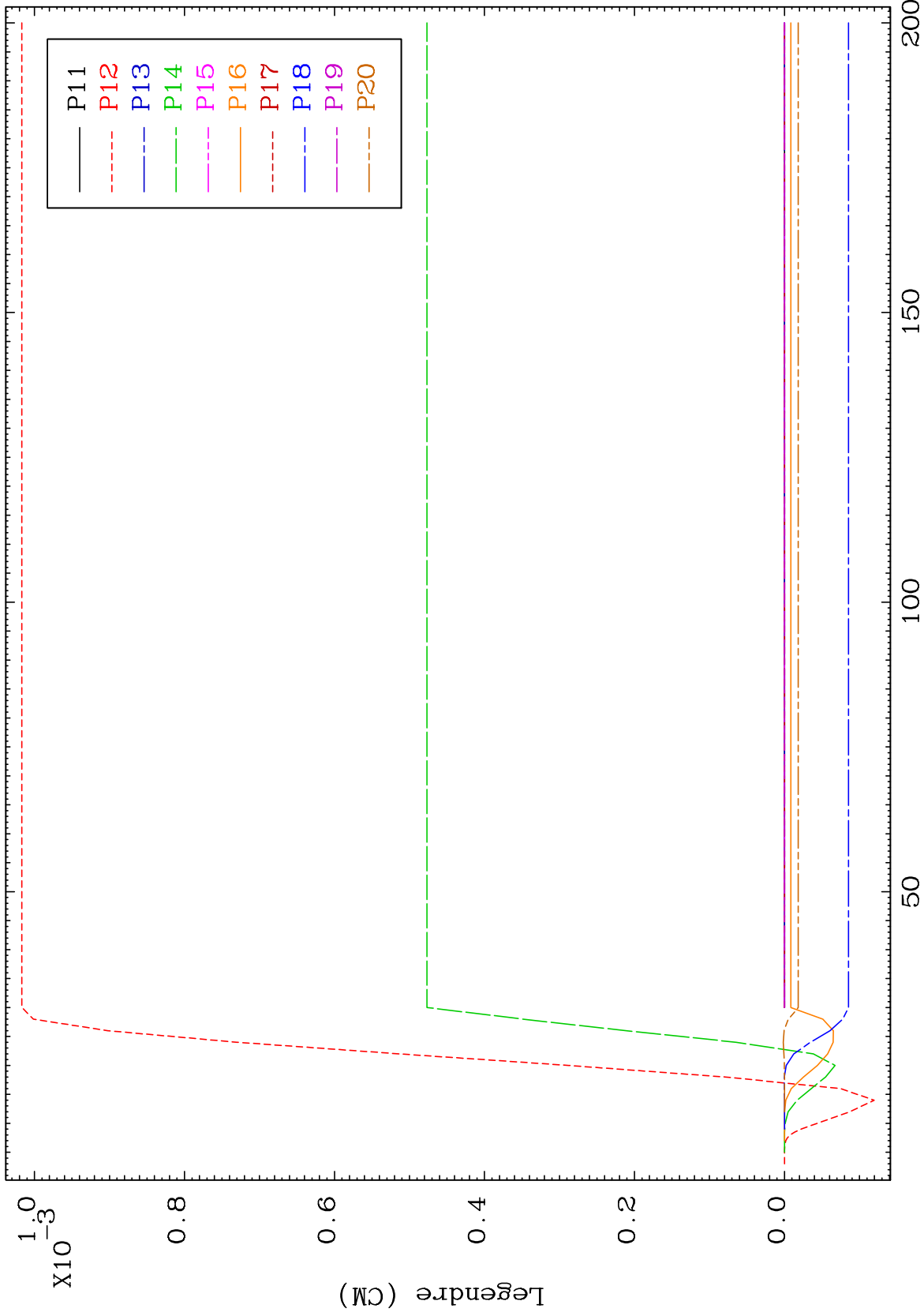


MAT 8240

MT= 54 (n,n') Level

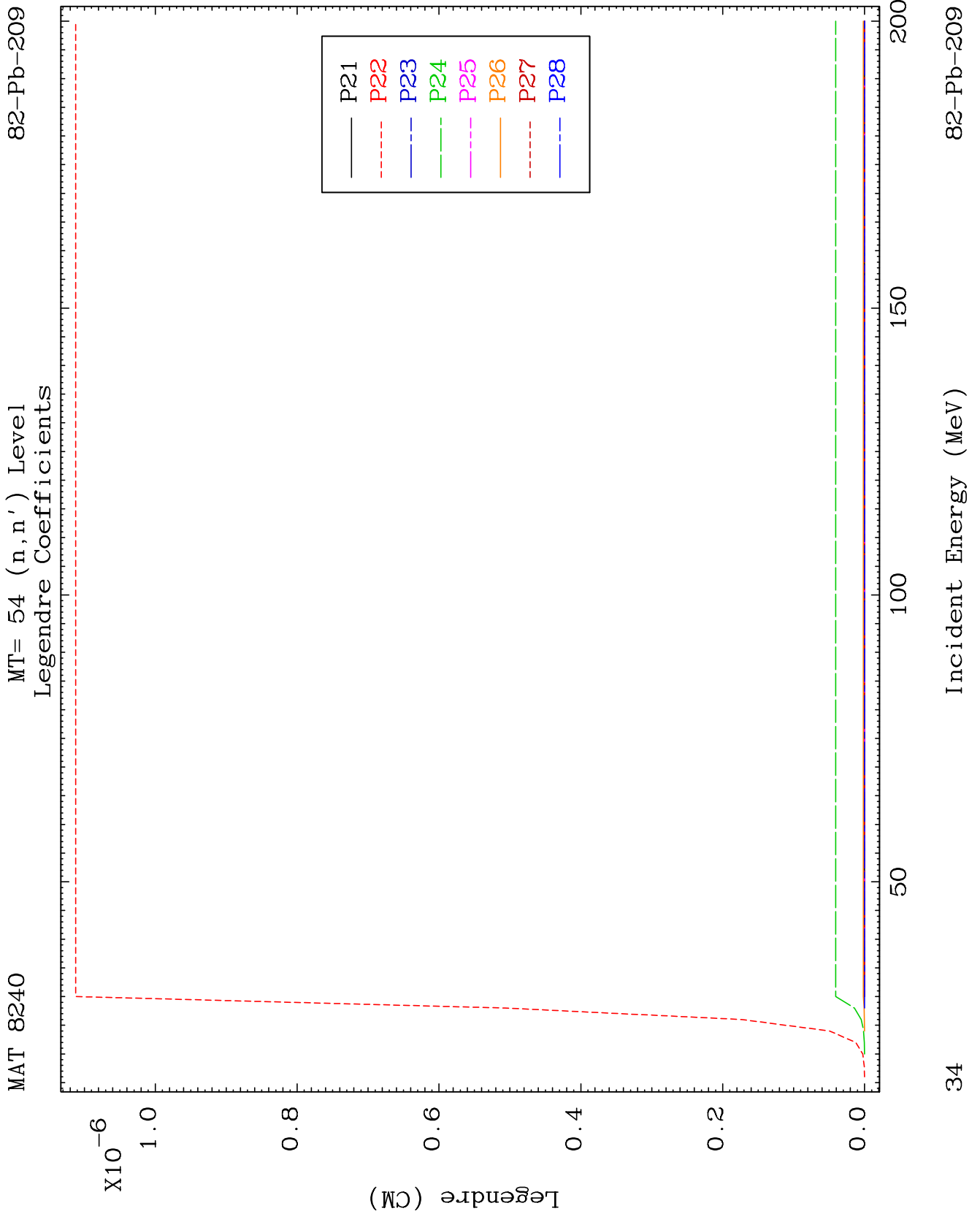
82-Pb-209

Legendre Coefficients



33

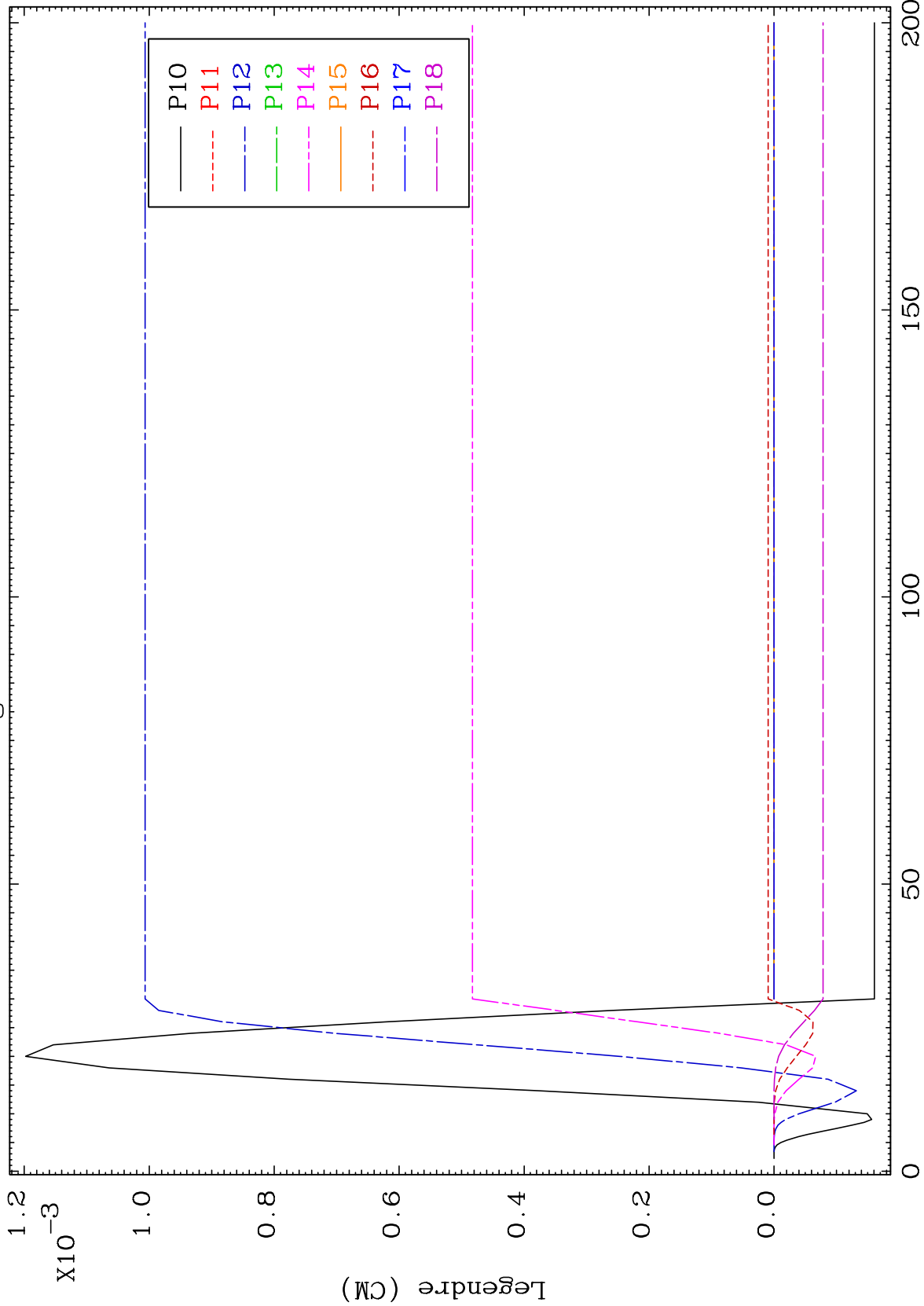
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MAT 8240

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

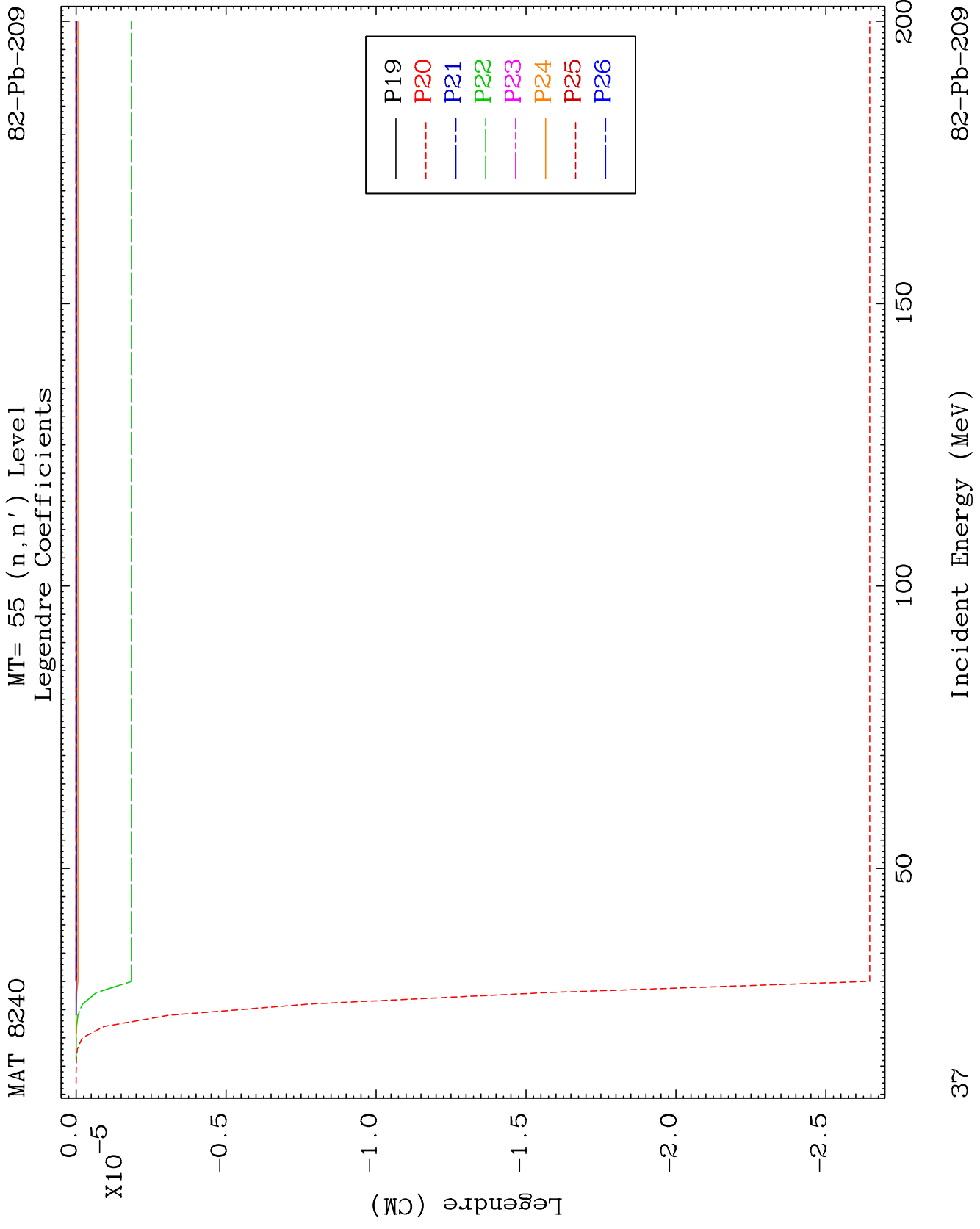
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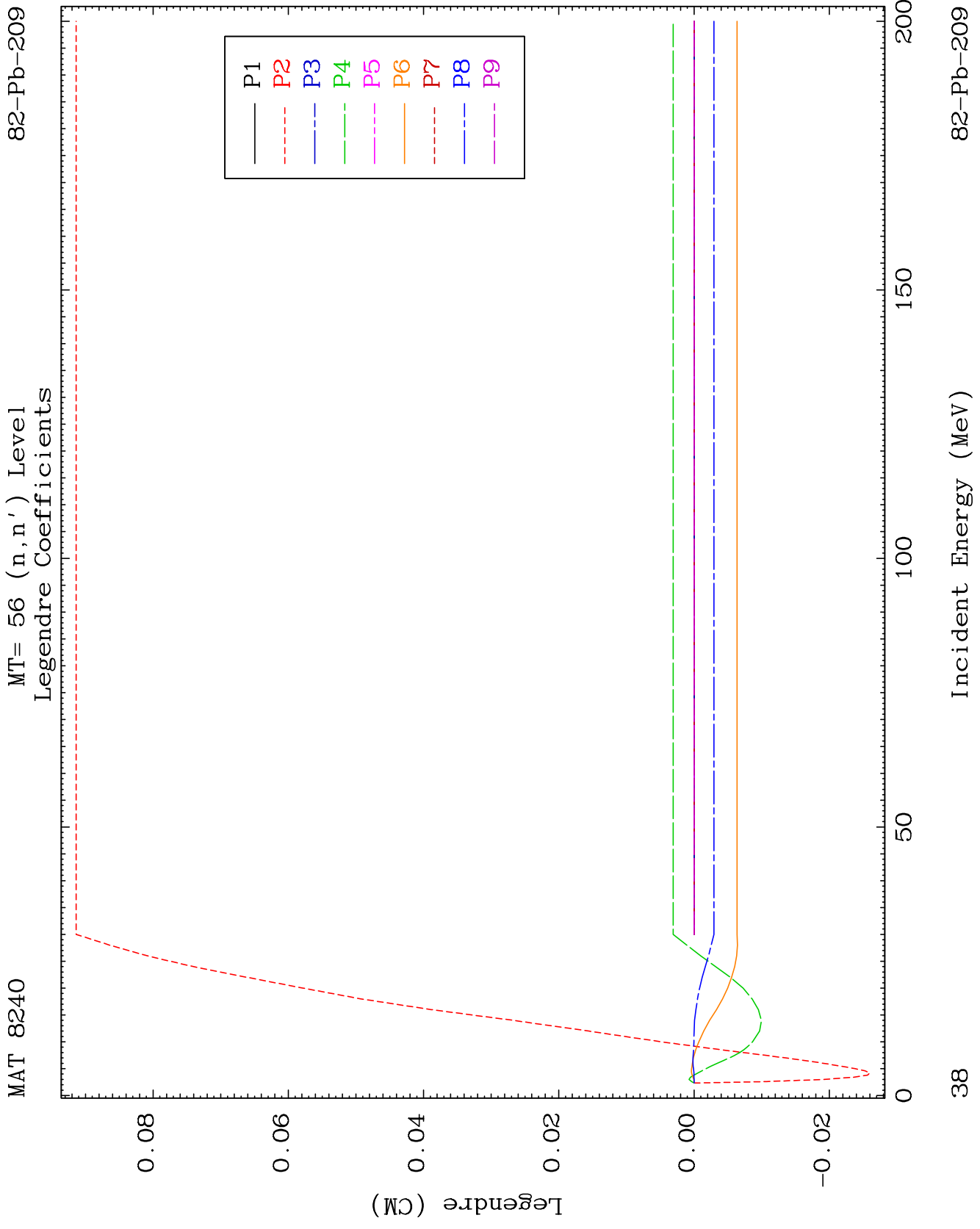


36

Incident Energy (MeV)

82-Pb-209

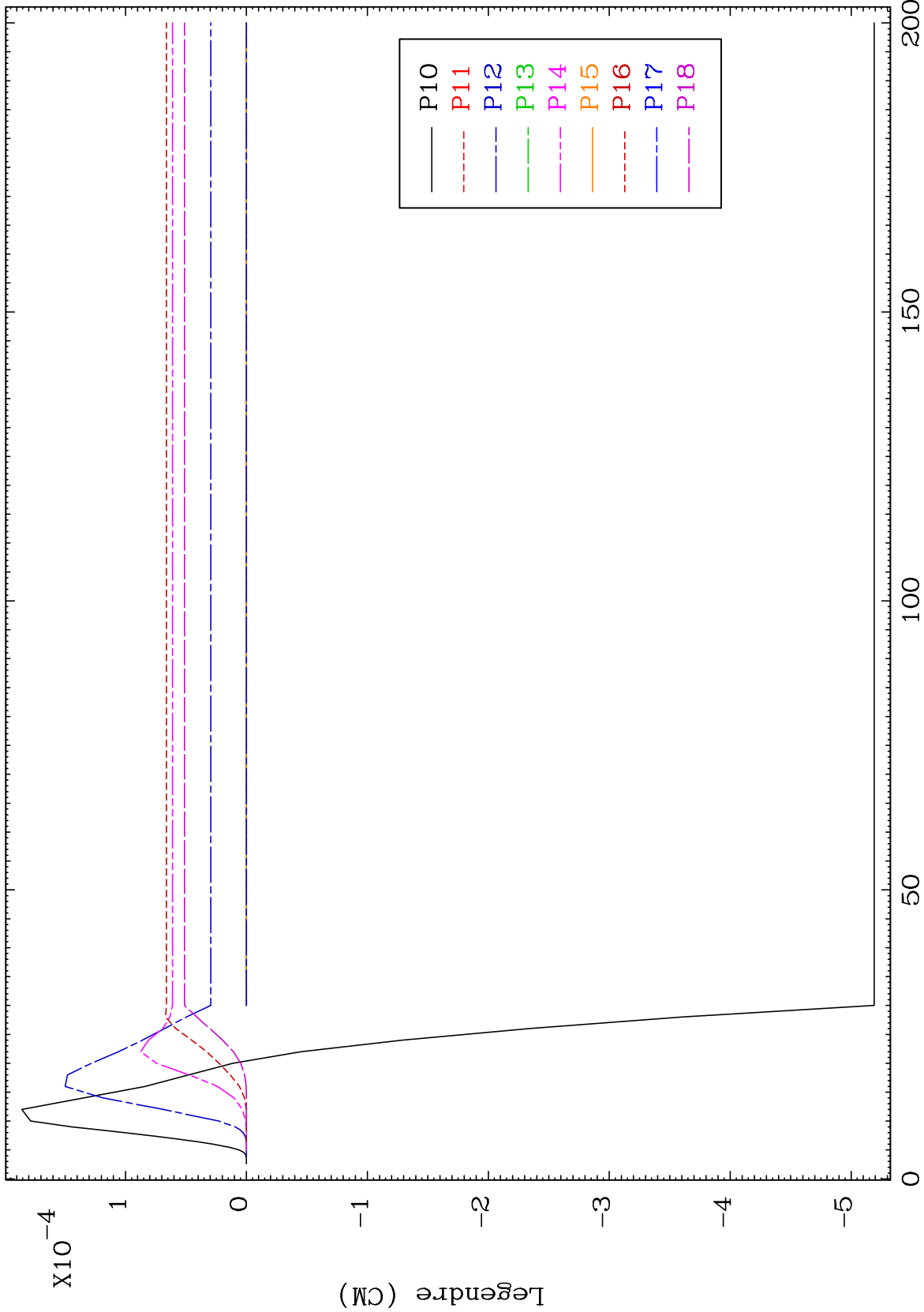




MAT 8240

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

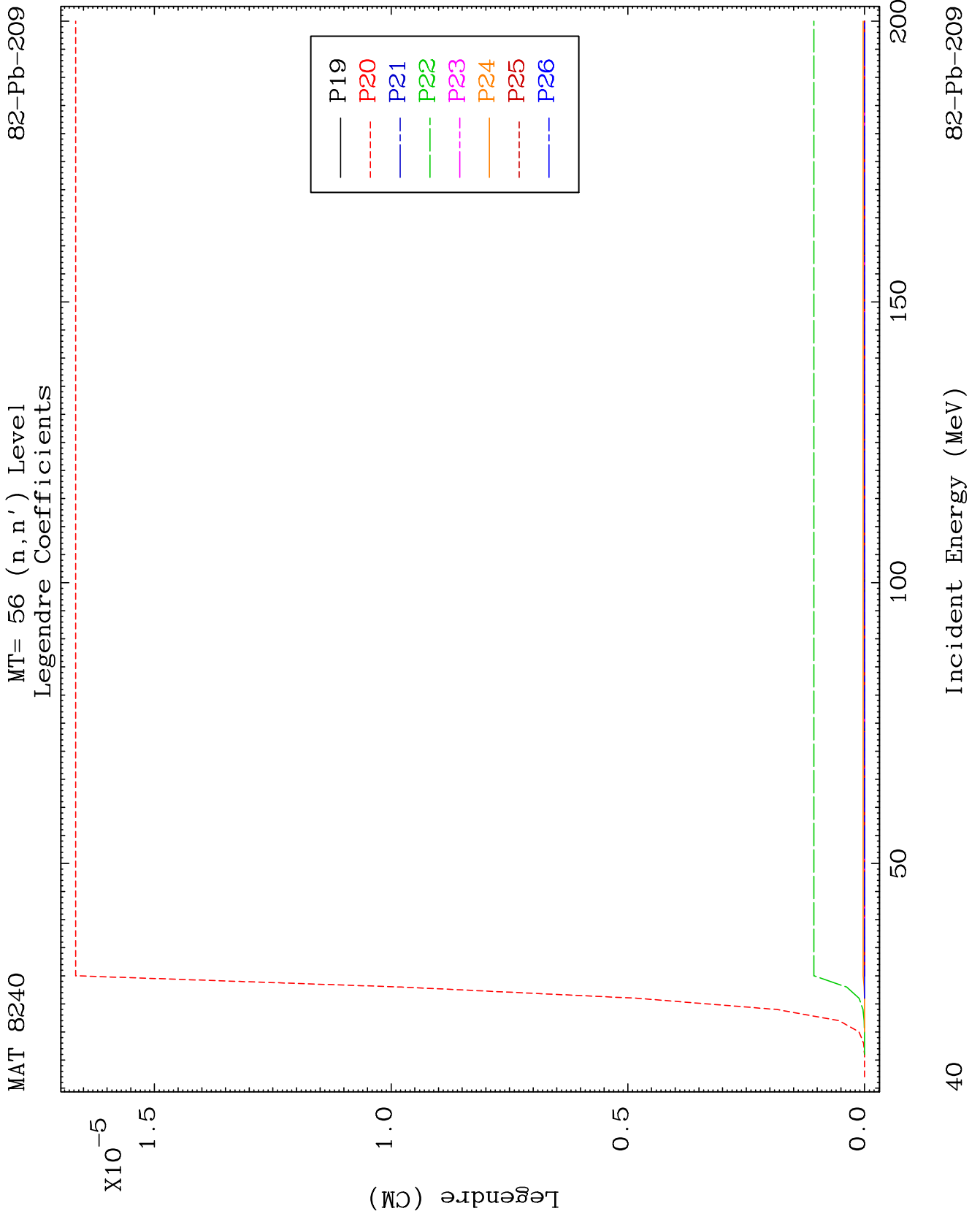
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39

Incident Energy (MeV)

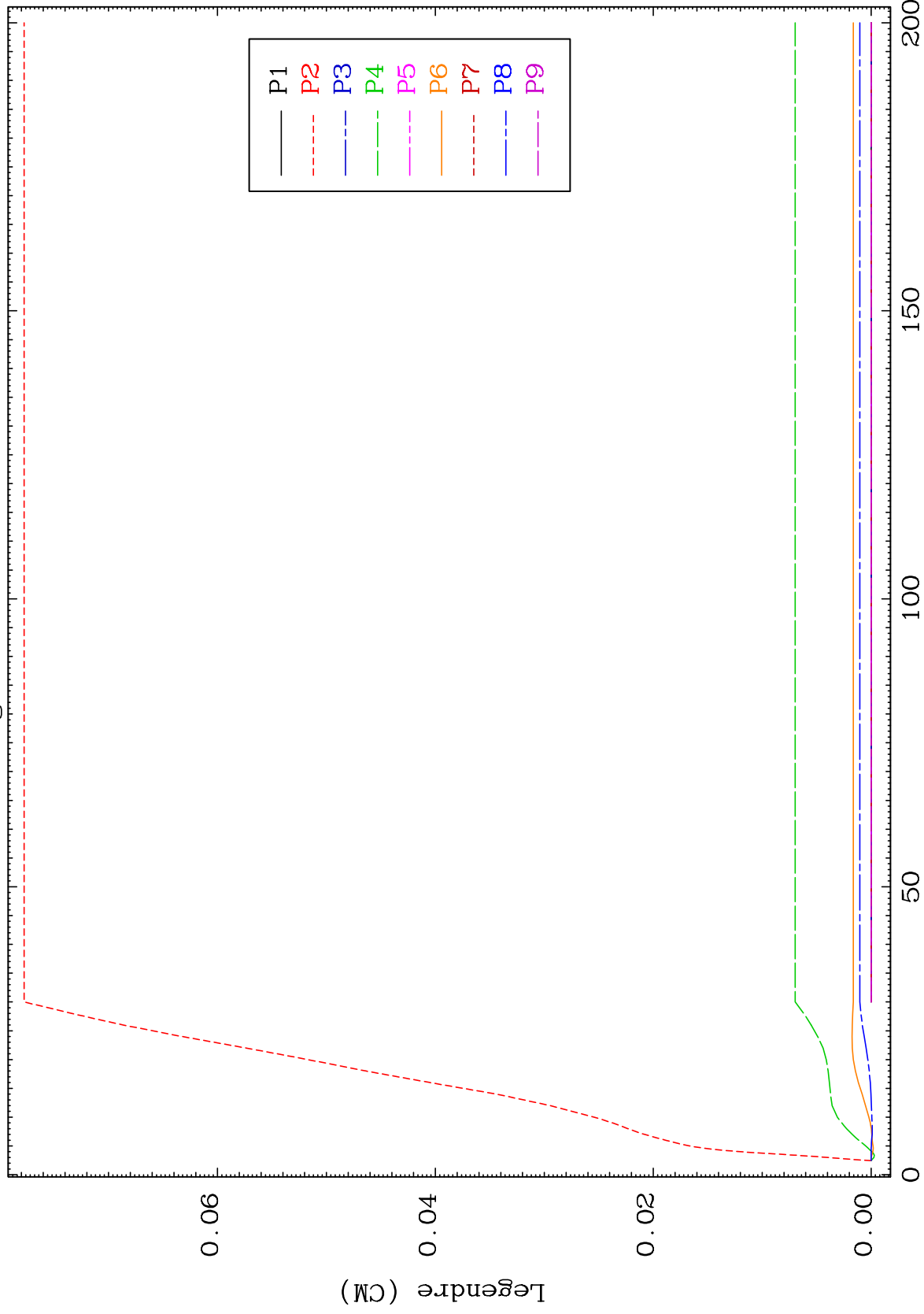
82-Pb-209



MAT 8240

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

82-Pb-209



41

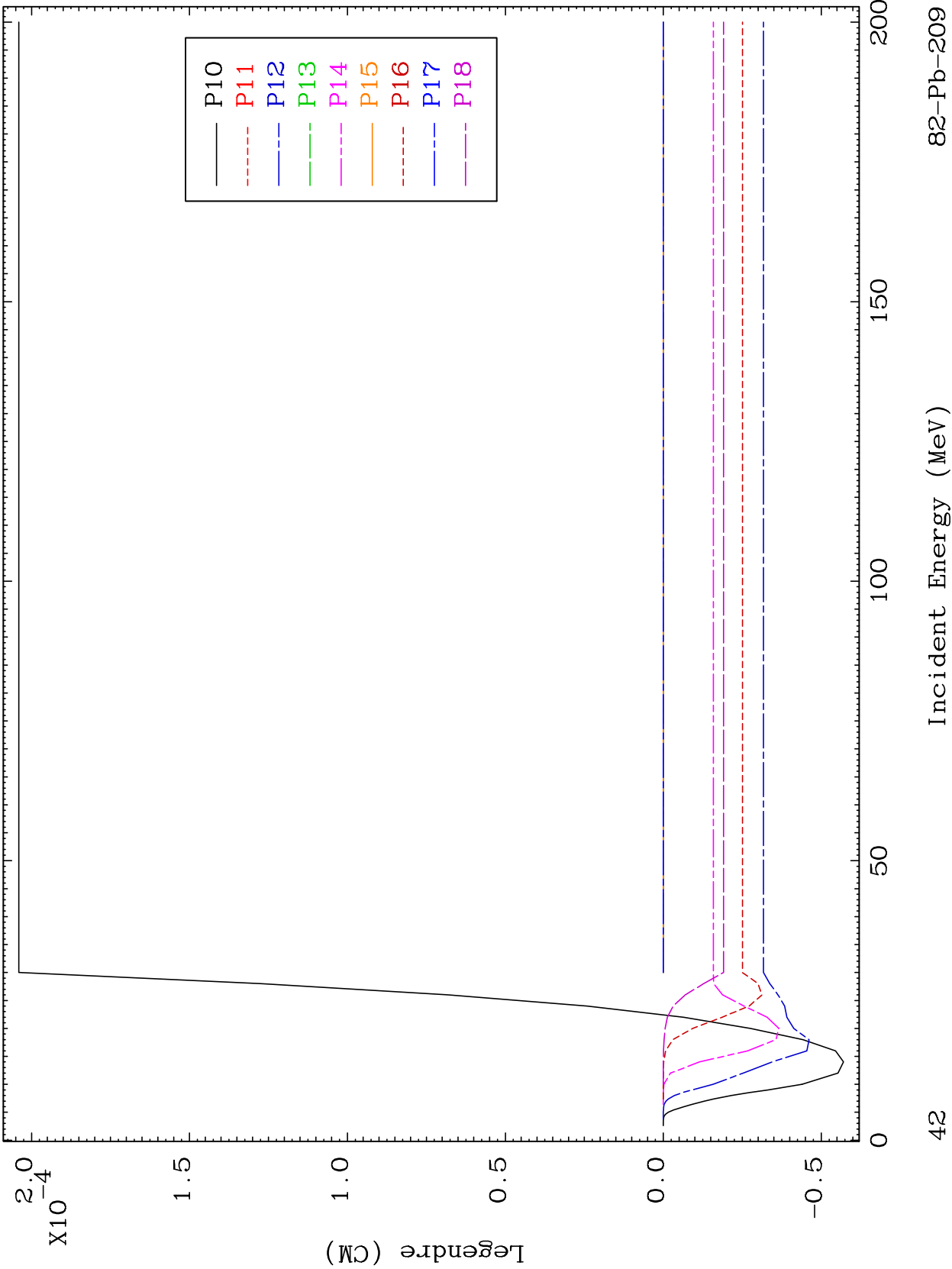
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



42

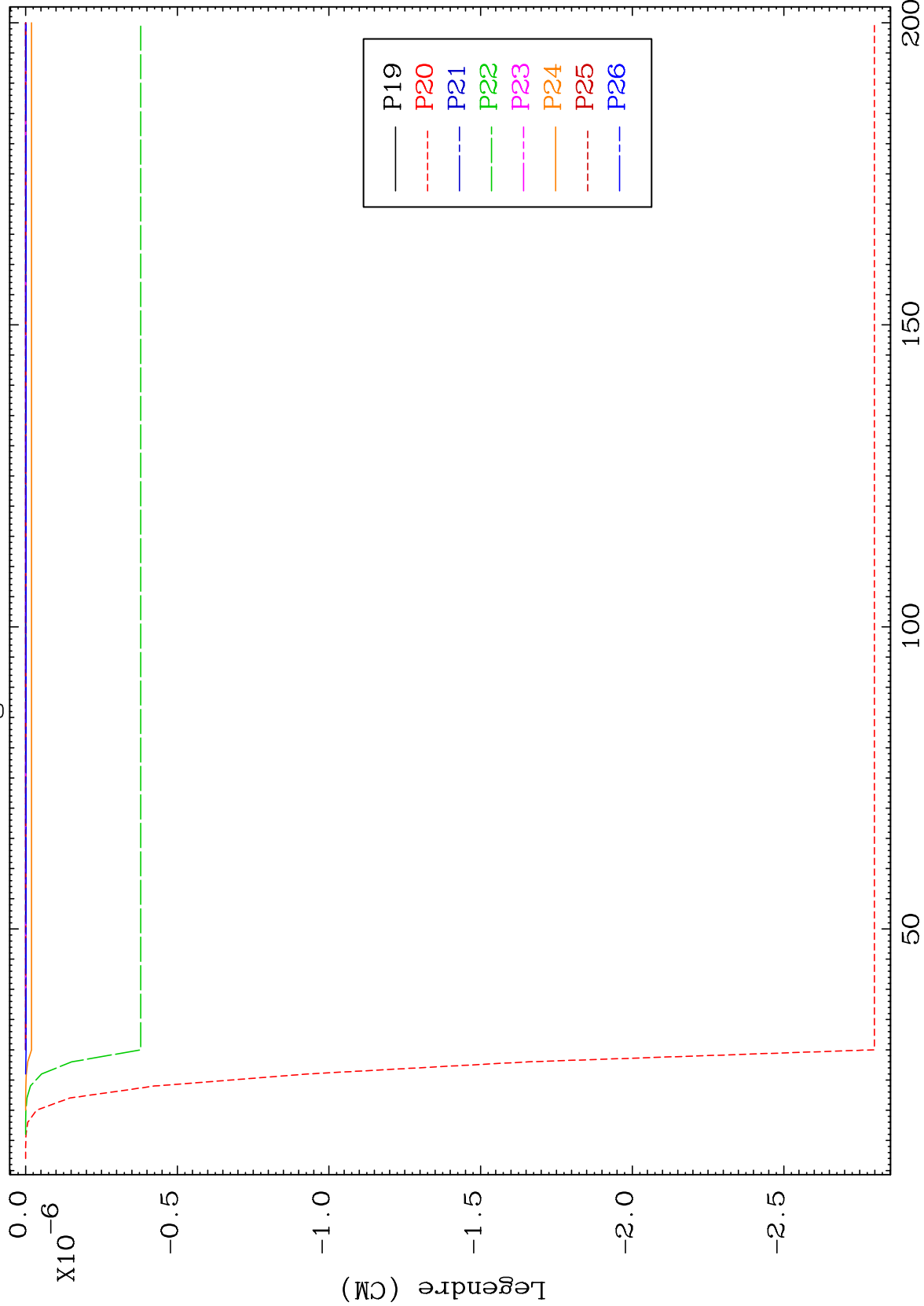
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

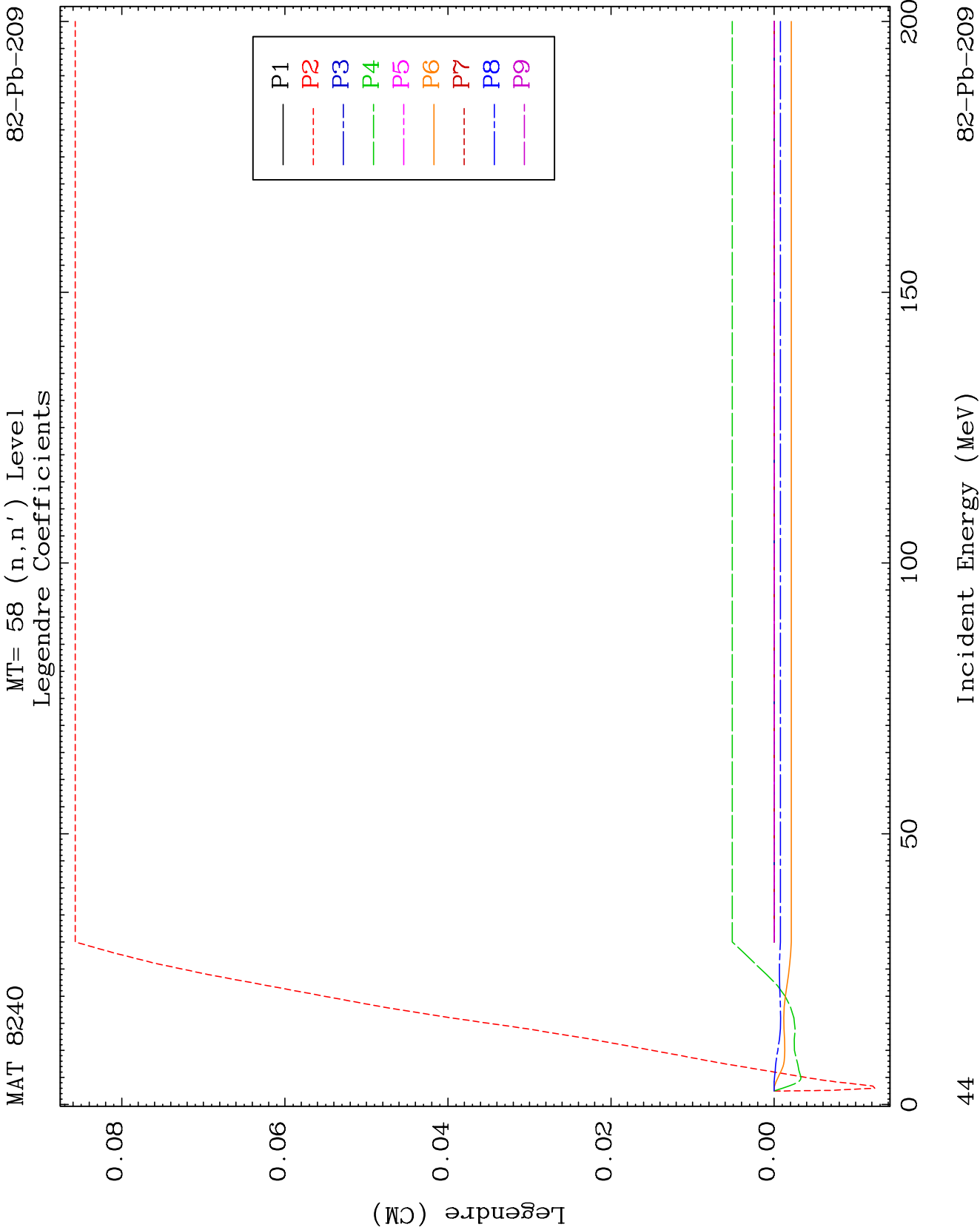
82-Pb-209



82-Pb-209

Incident Energy (MeV)

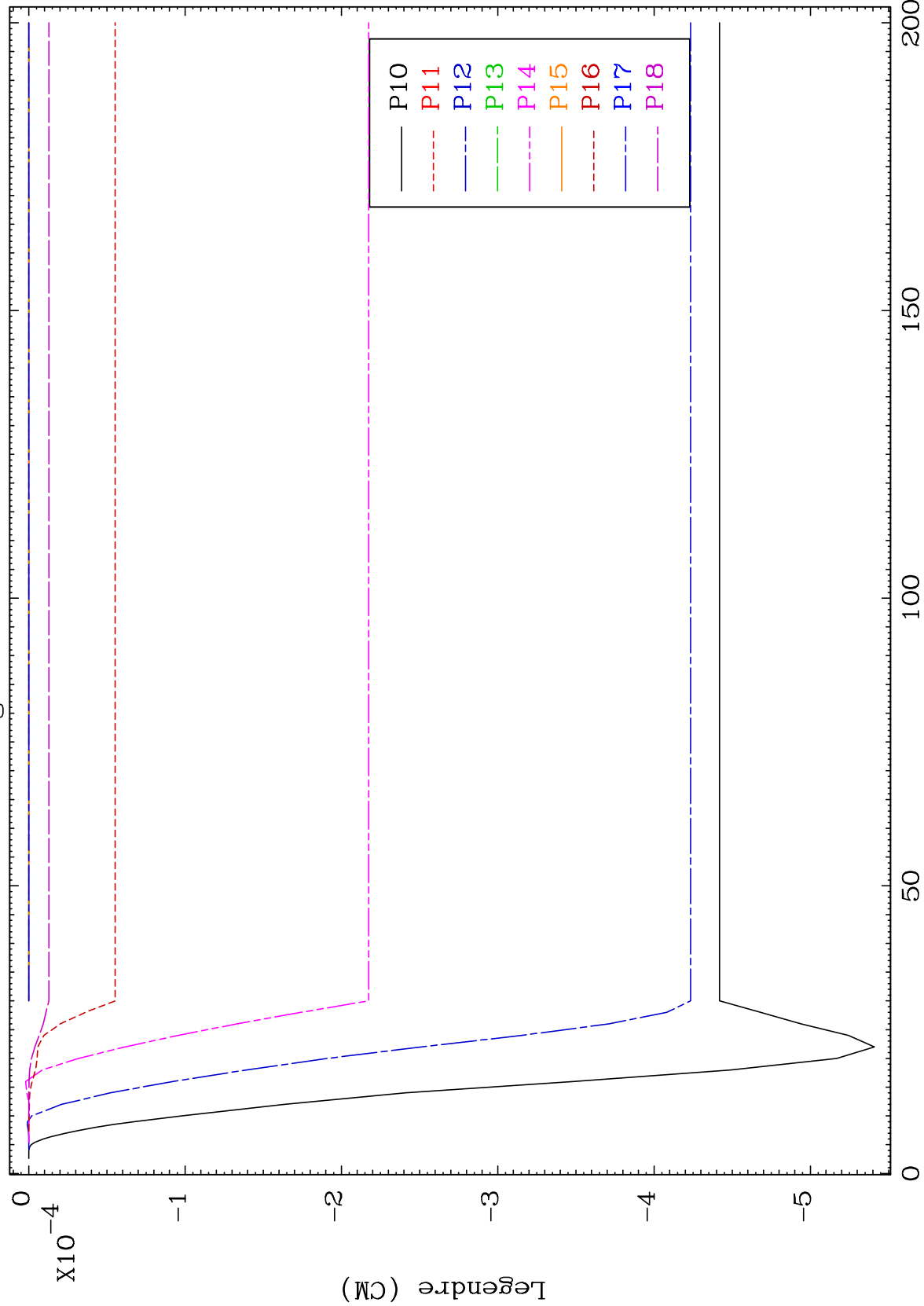
43



MAT 8240

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

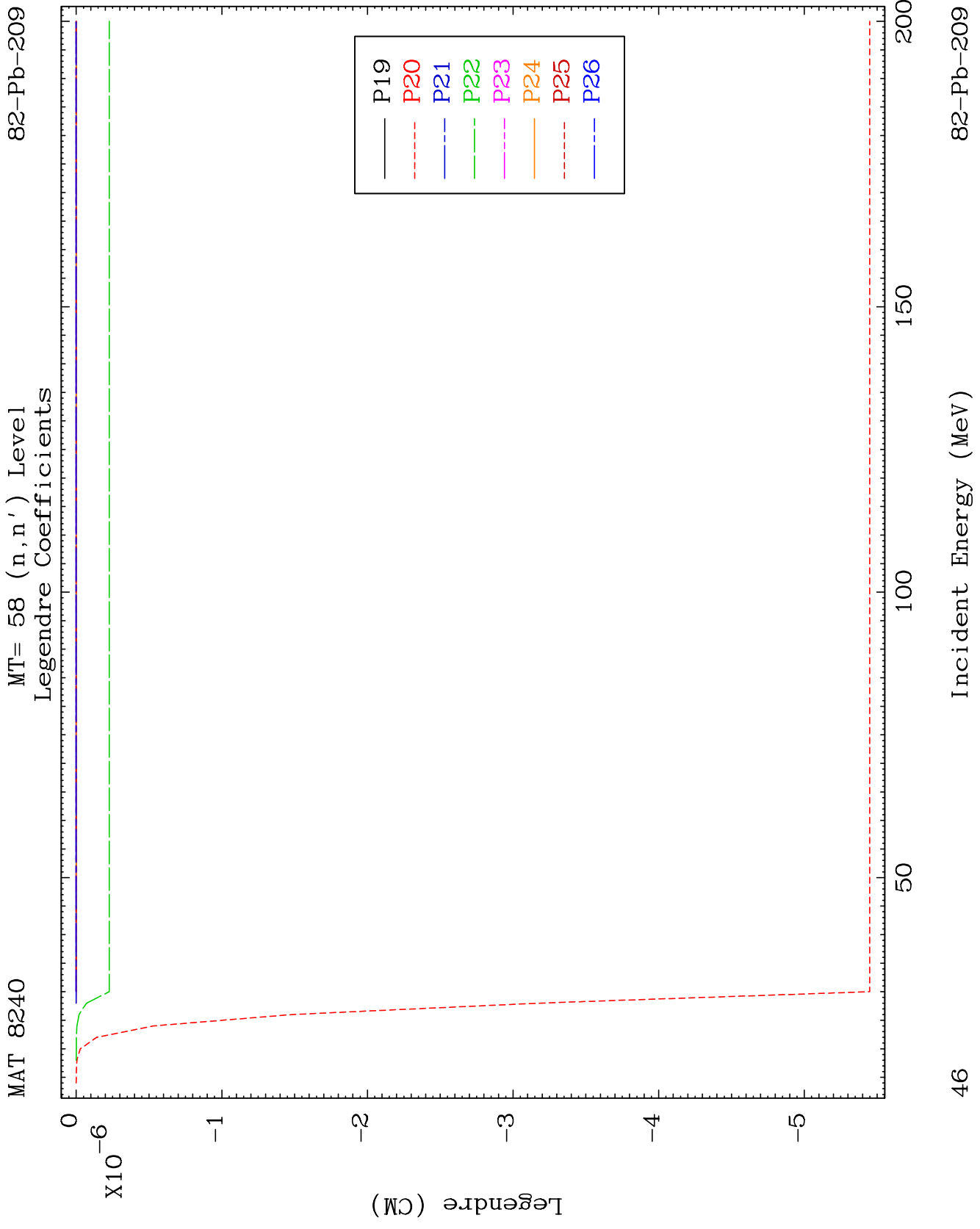
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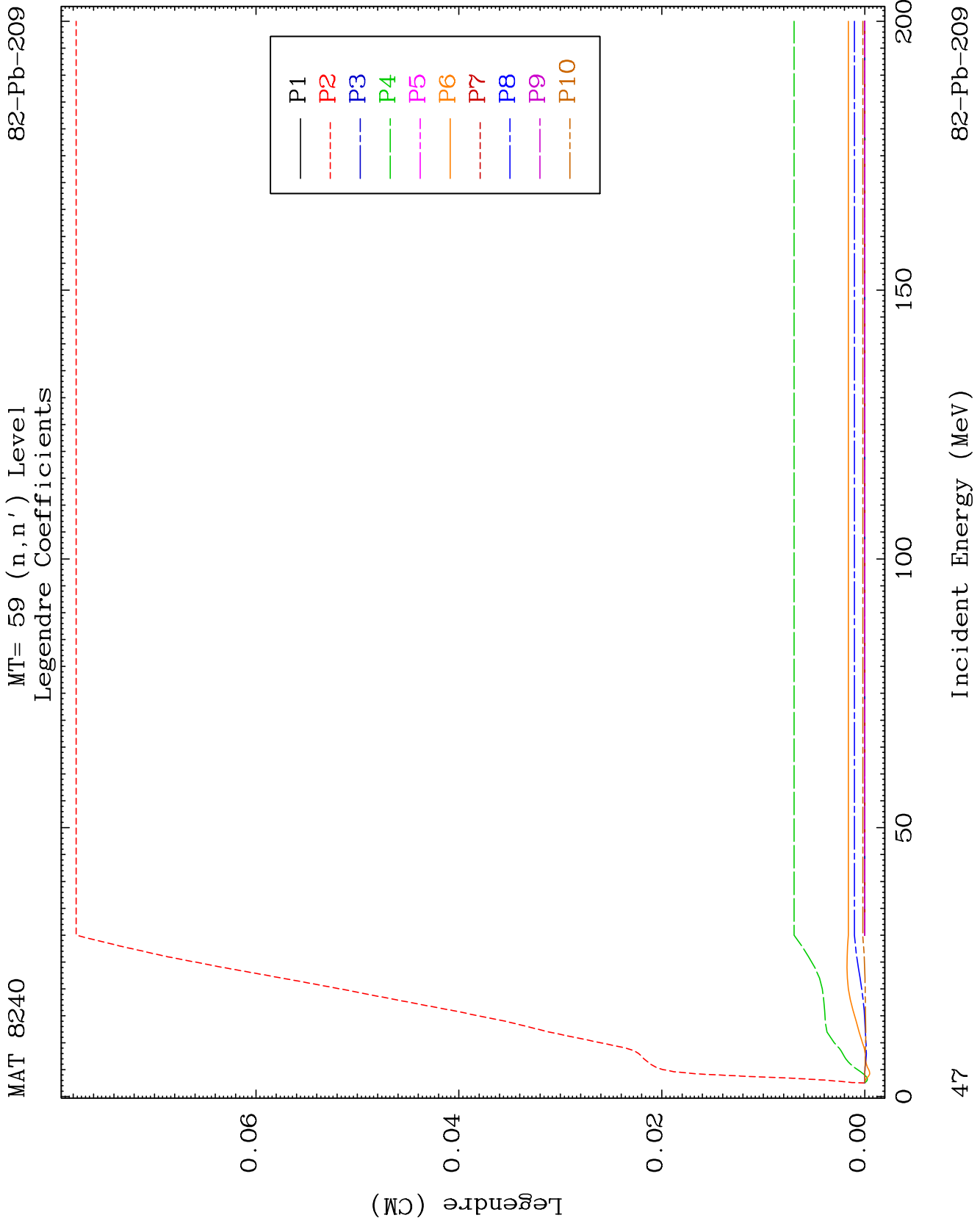


45

Incident Energy (MeV)

82-Pb-209

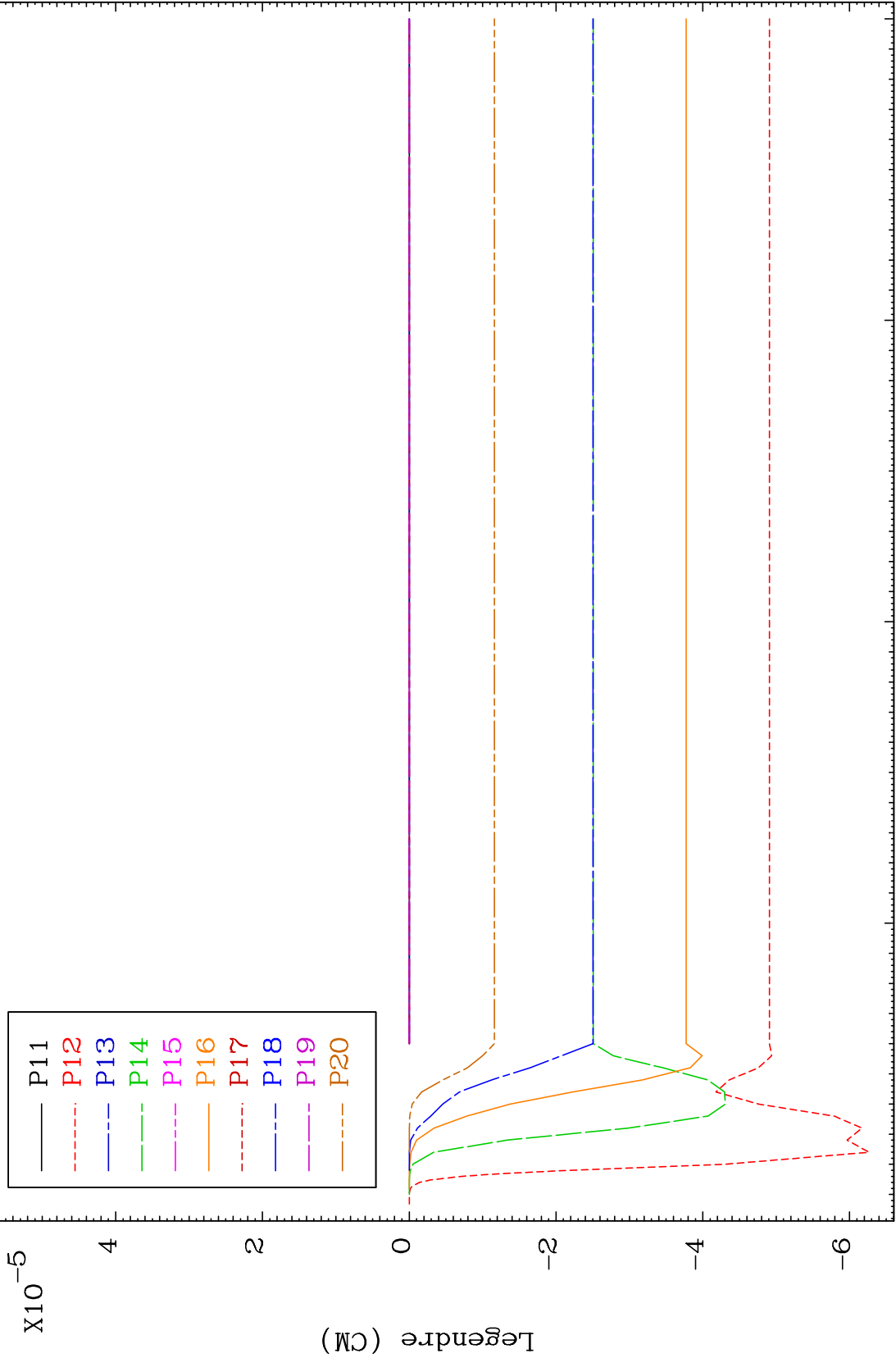
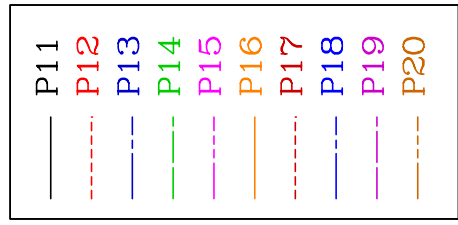




MAT 8240

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

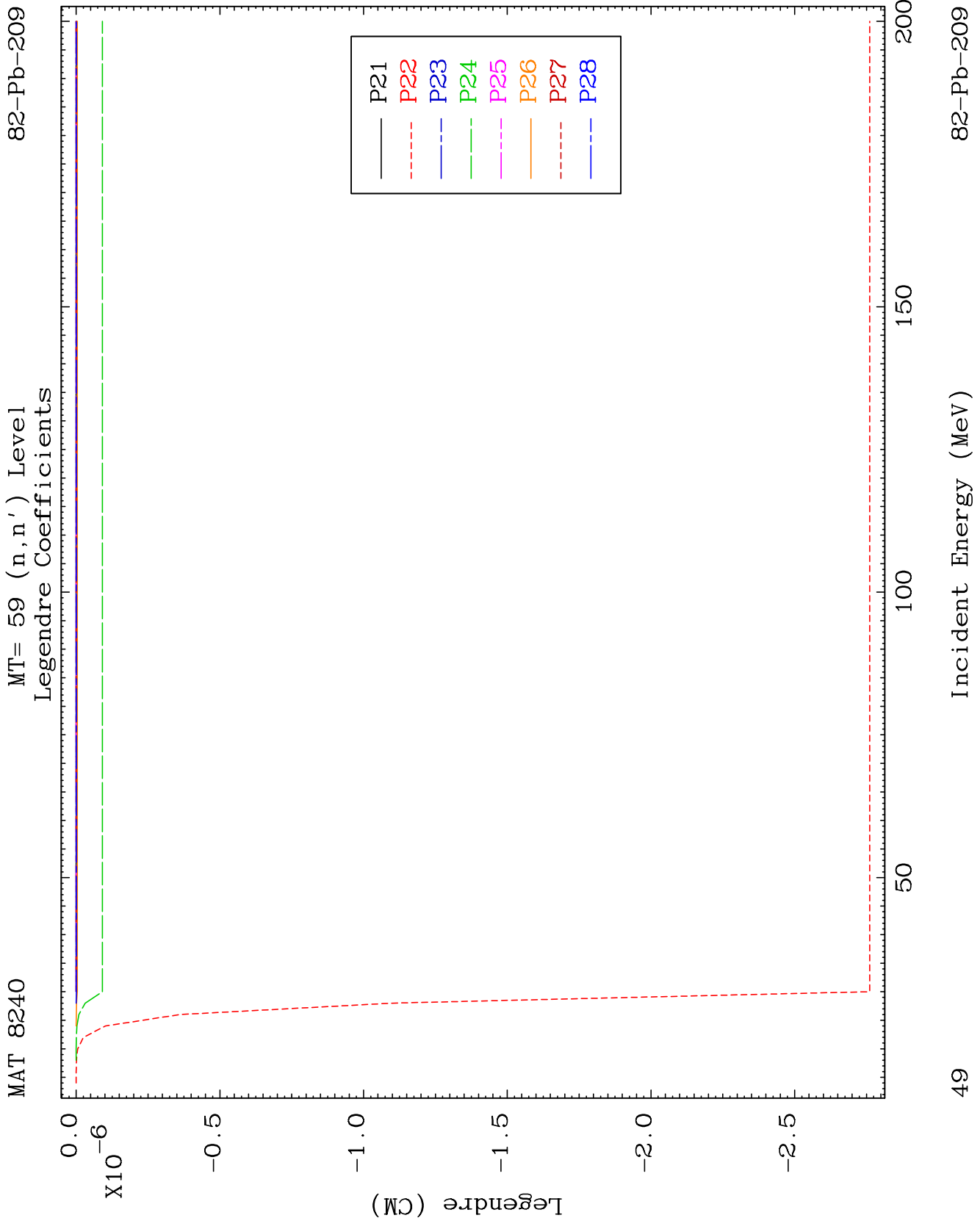
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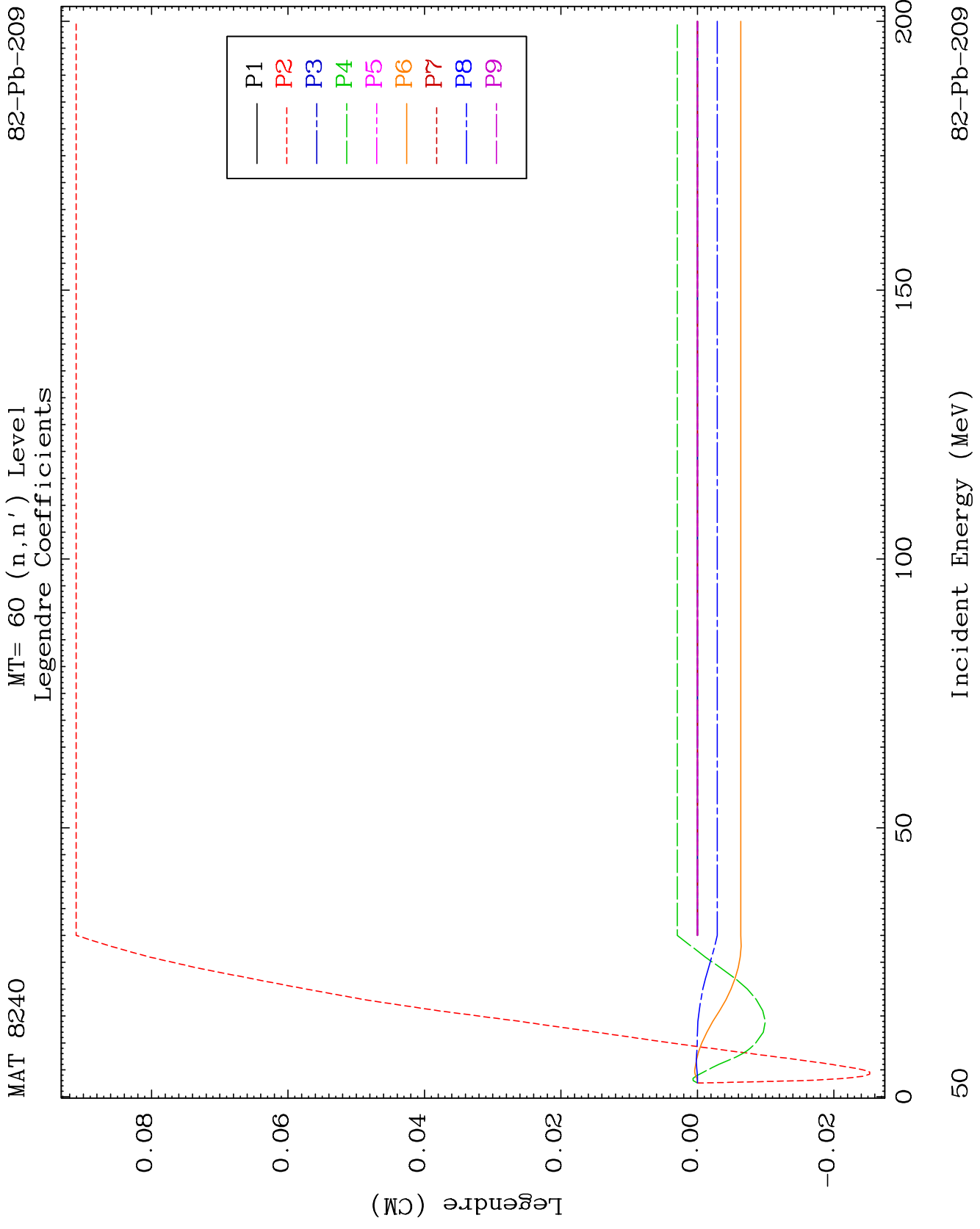


48

Incident Energy (MeV)

82-Pb-209

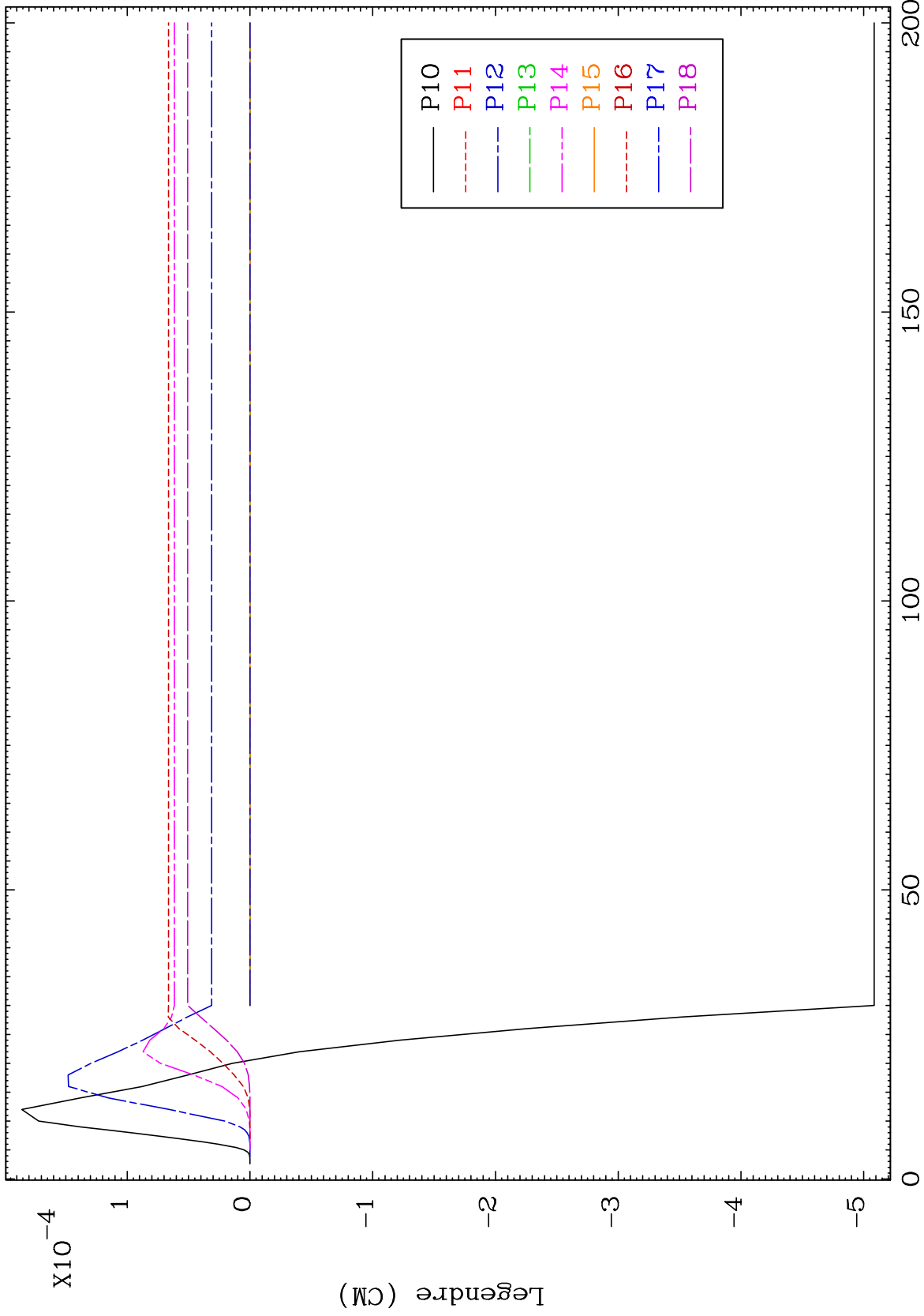




MAT 8240

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

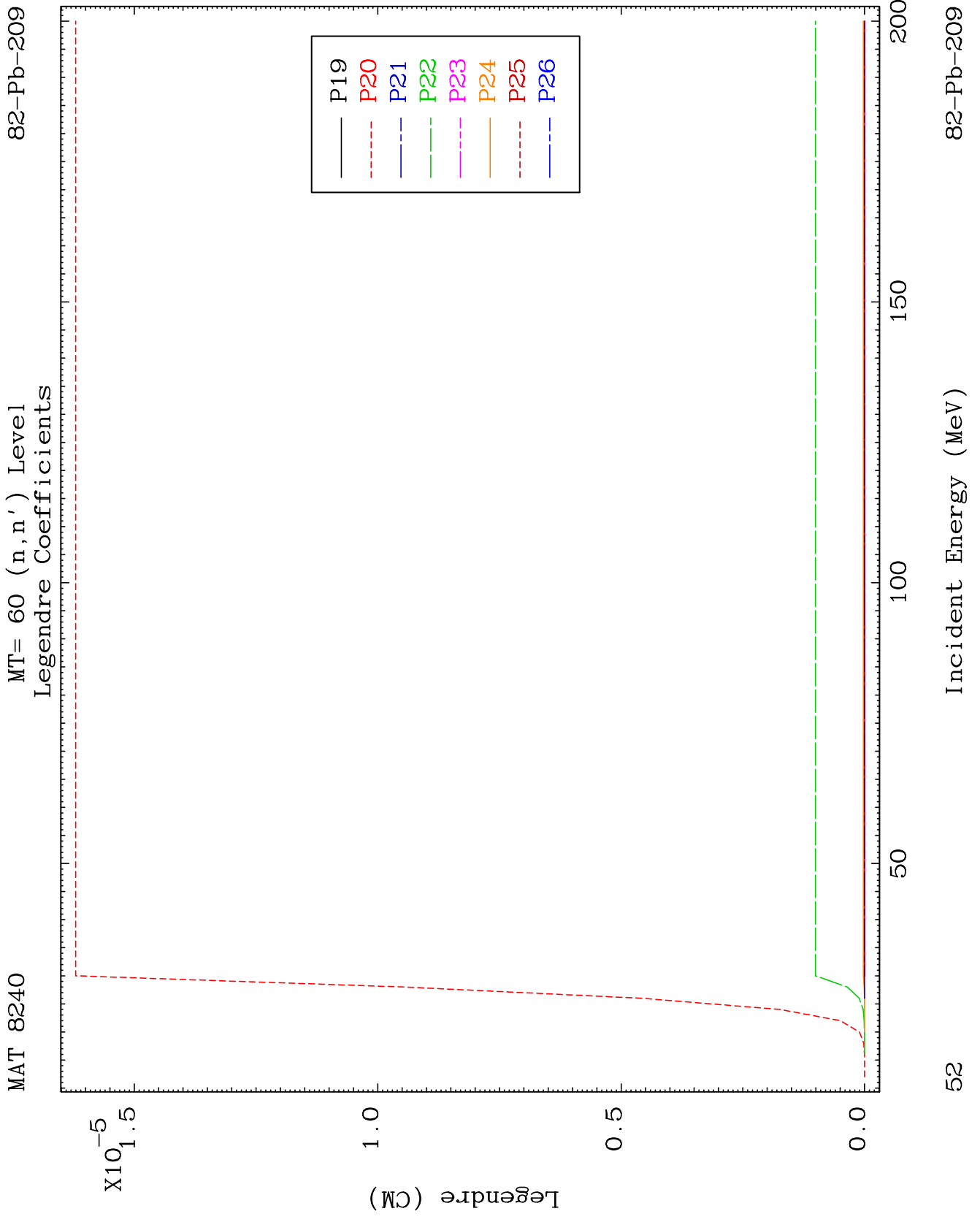
82-Pb-209



51

Incident Energy (MeV)

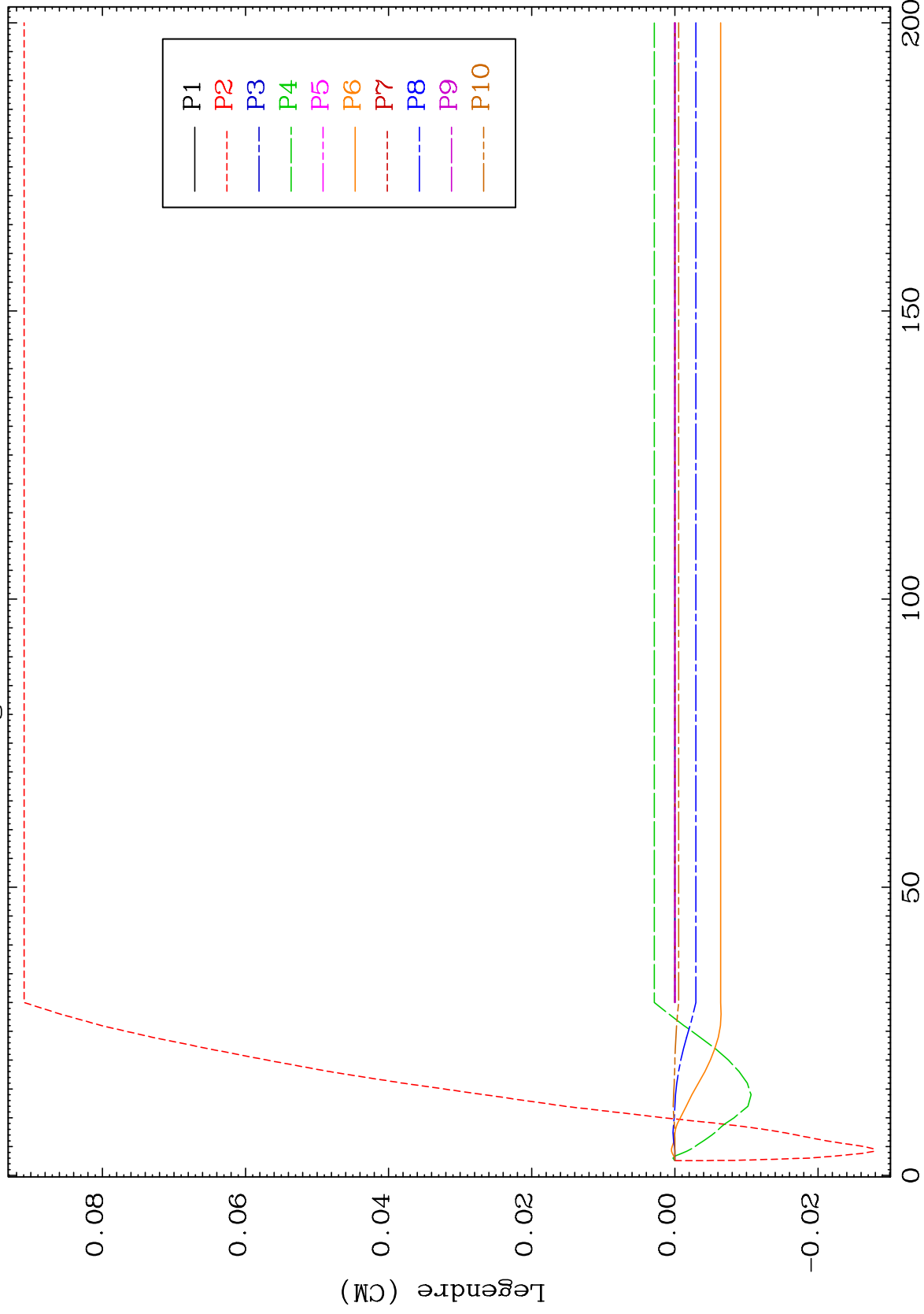
82-Pb-209



MAT 8240

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

82-Pb-209



53

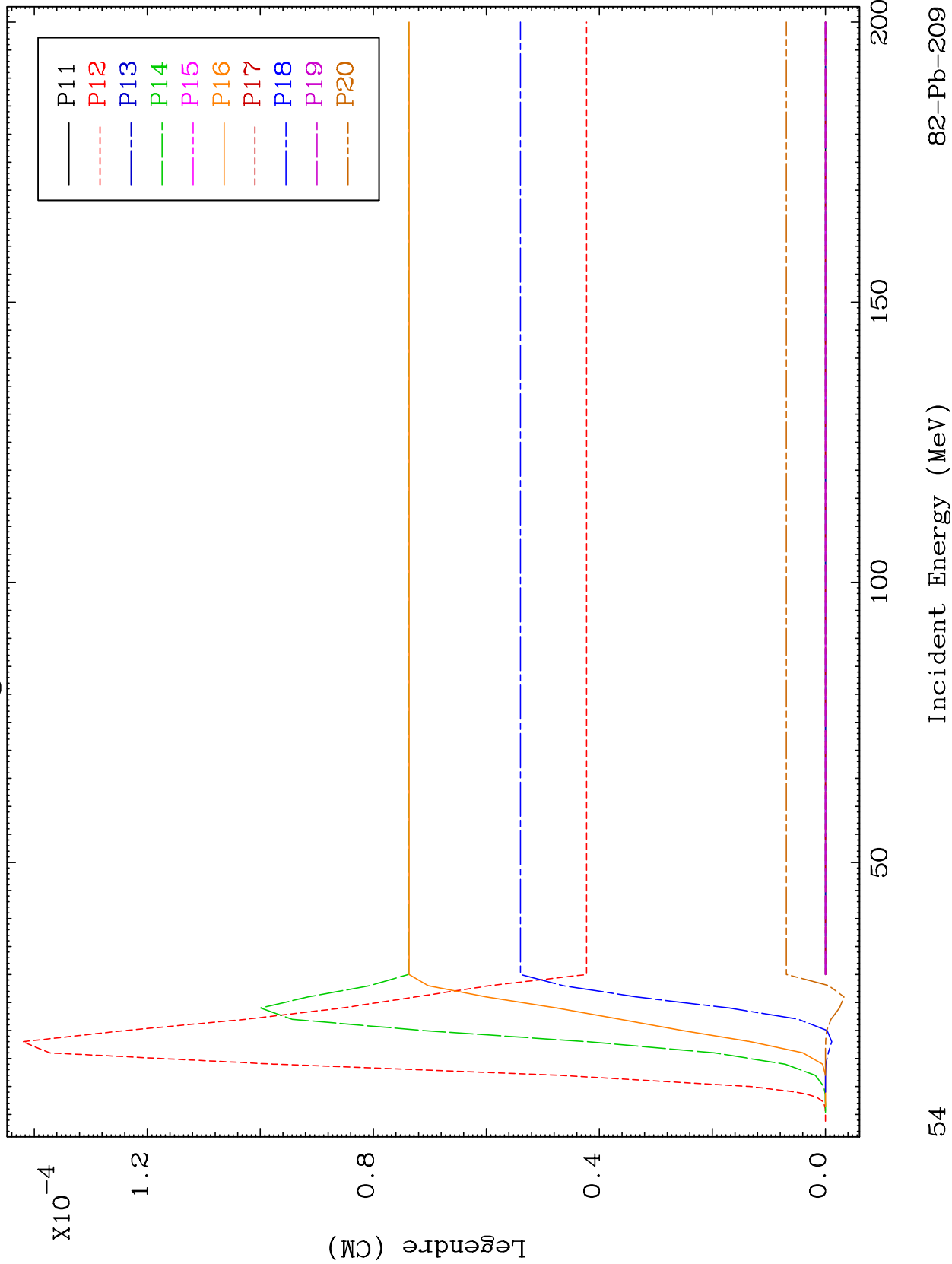
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

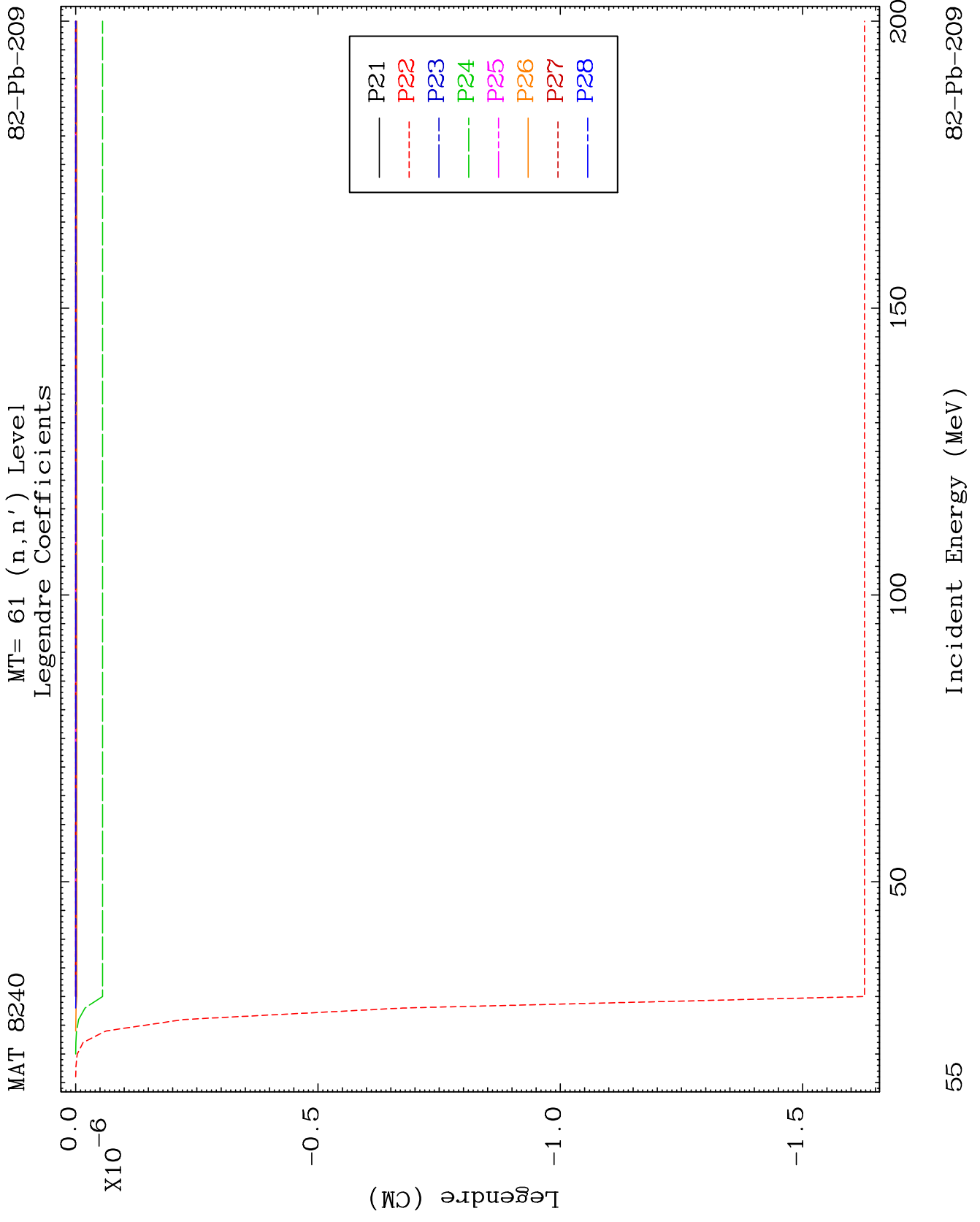
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54

Incident Energy (MeV)

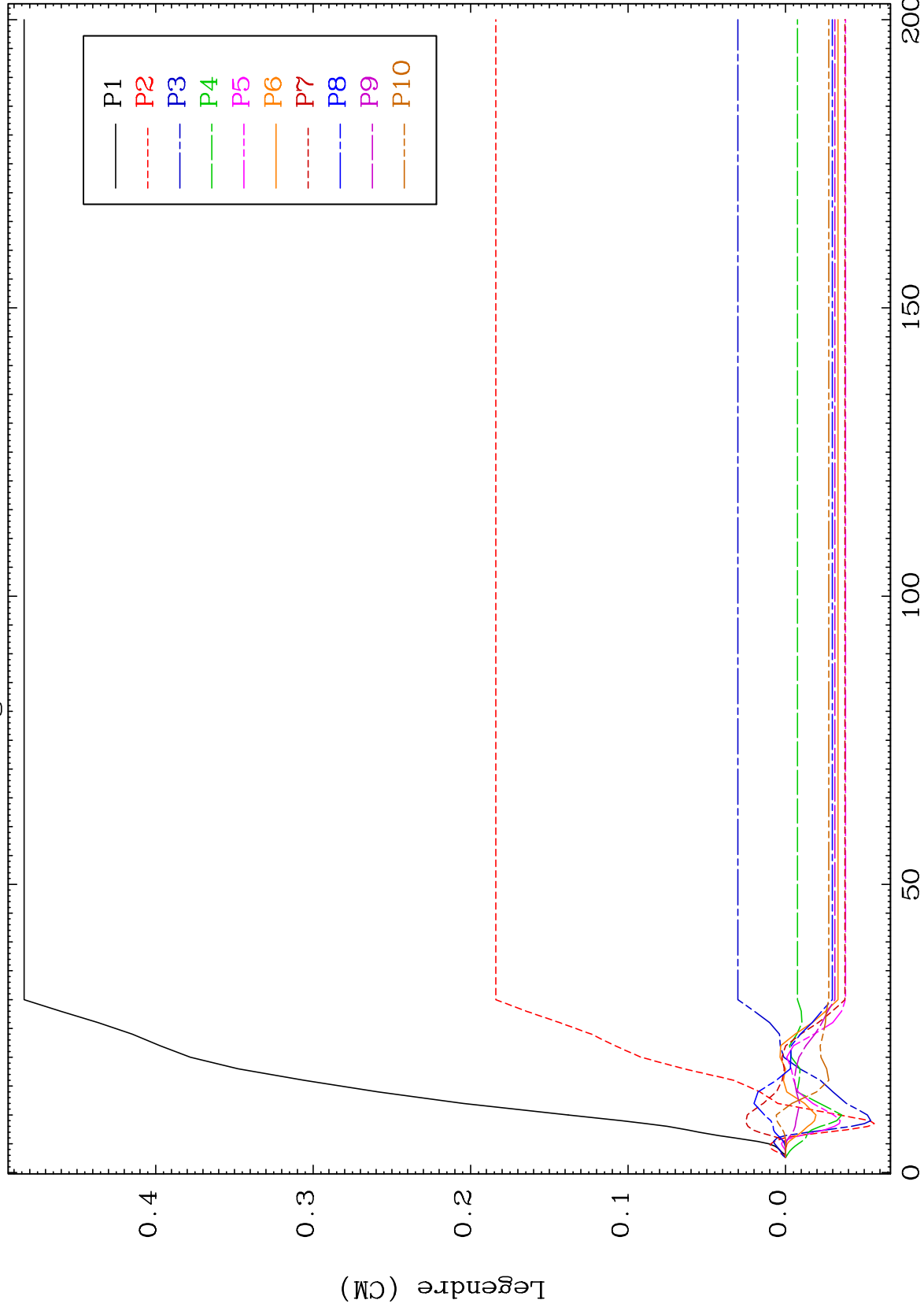
82-Pb-209



MAT 8240

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

82-Pb-209



56

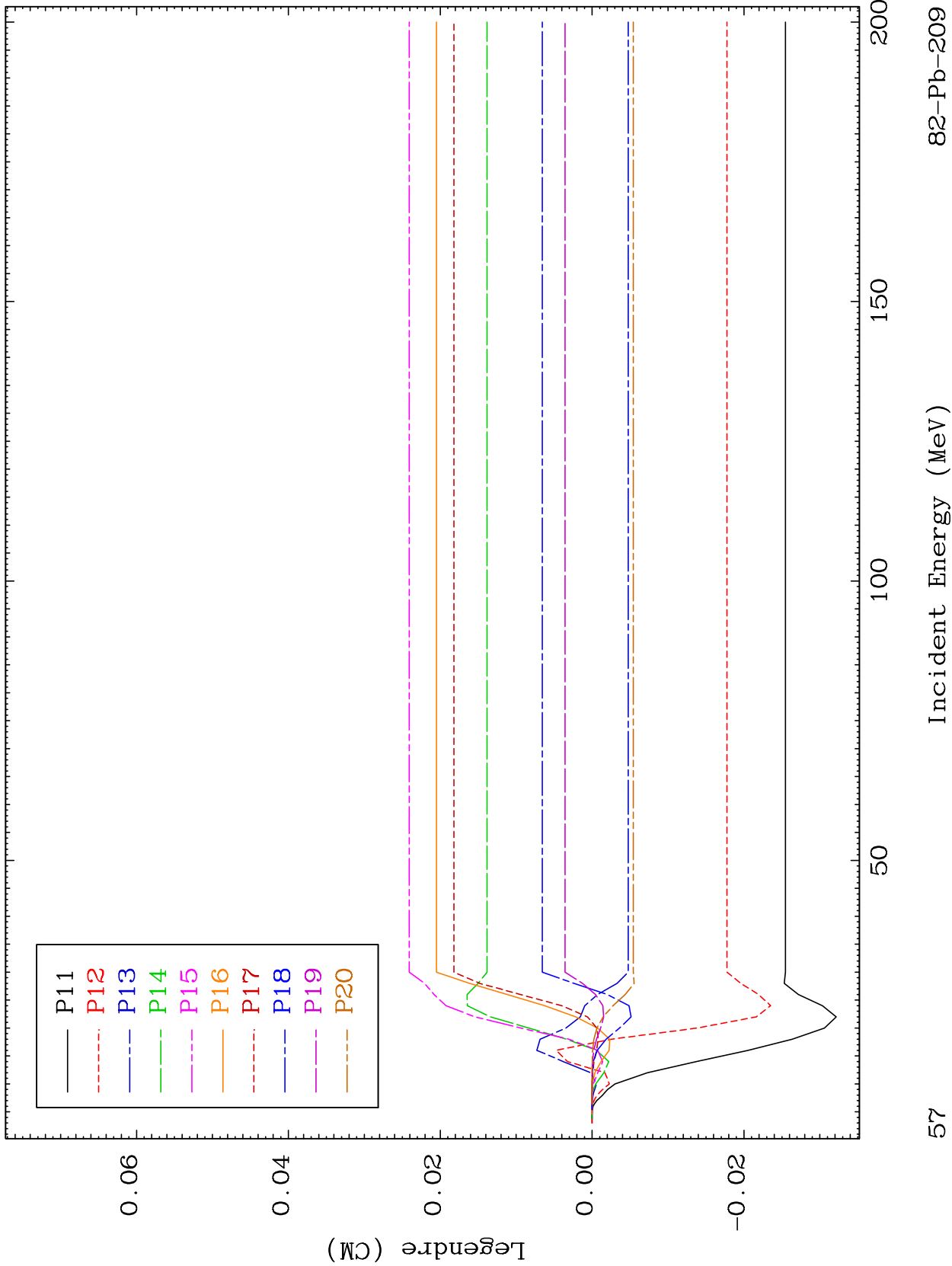
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

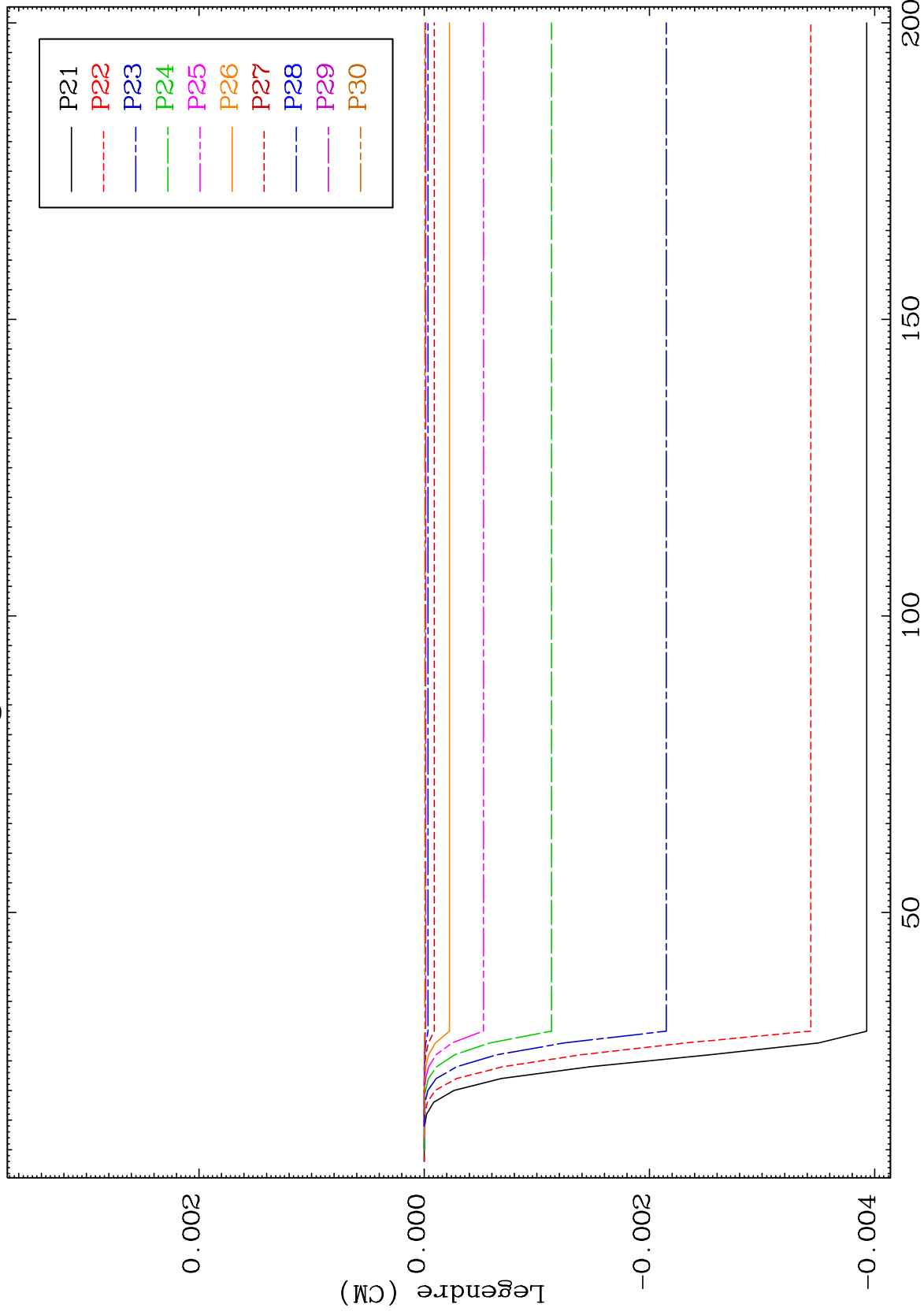
82-Pb-209



MAT 8240

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

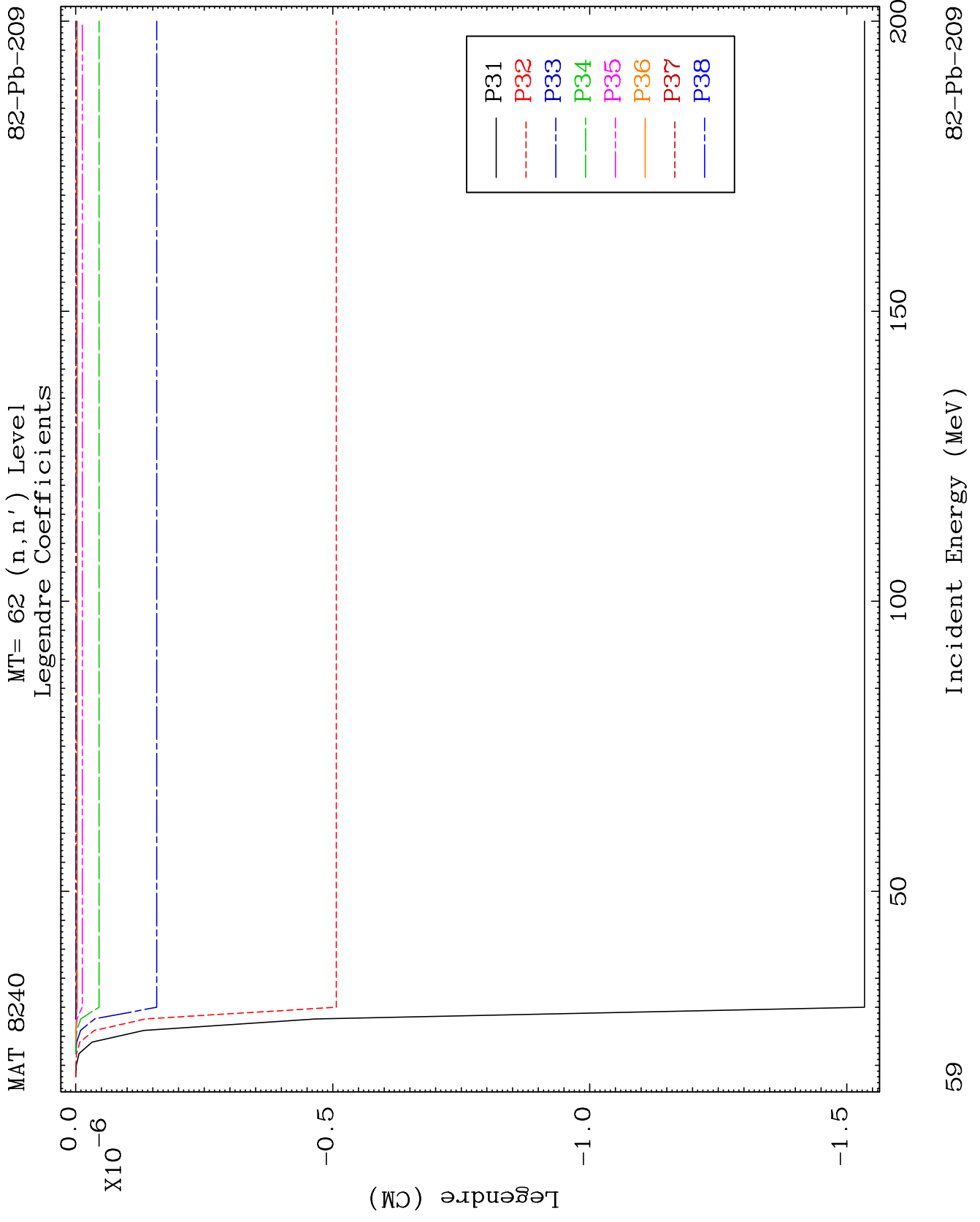
82-Pb-209



58

Incident Energy (MeV)

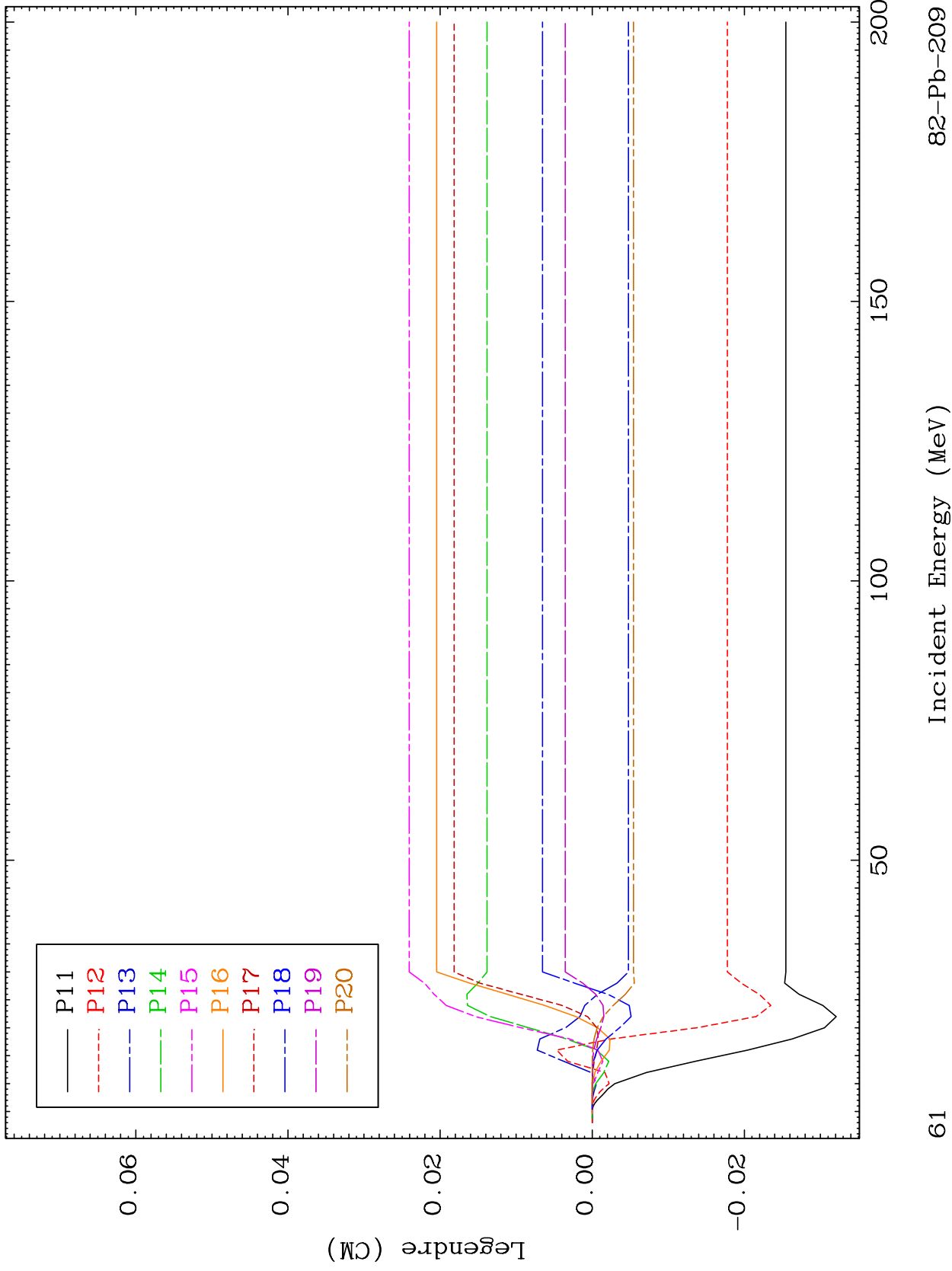
82-Pb-209



MAT 8240

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

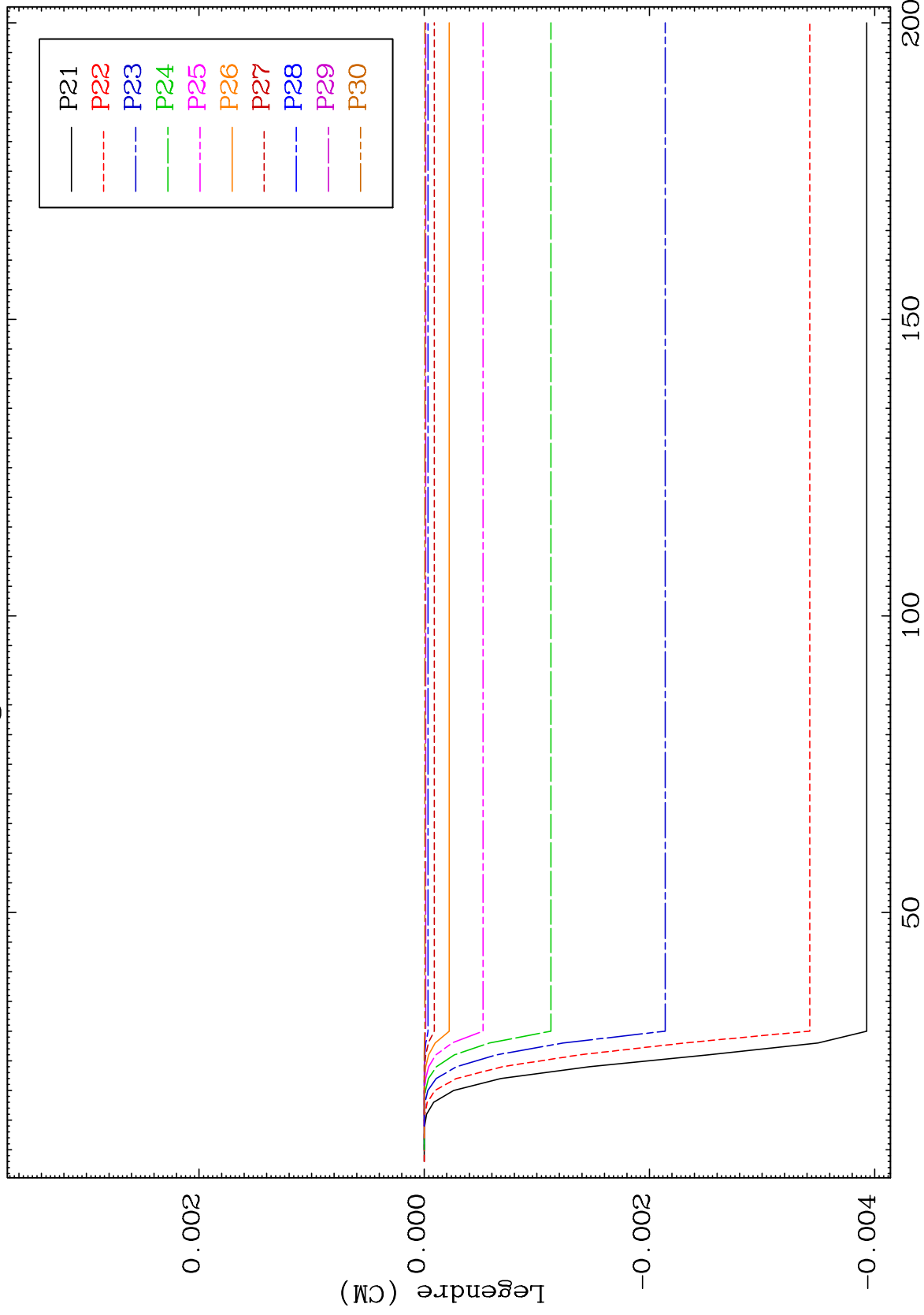
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MAT 8240

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

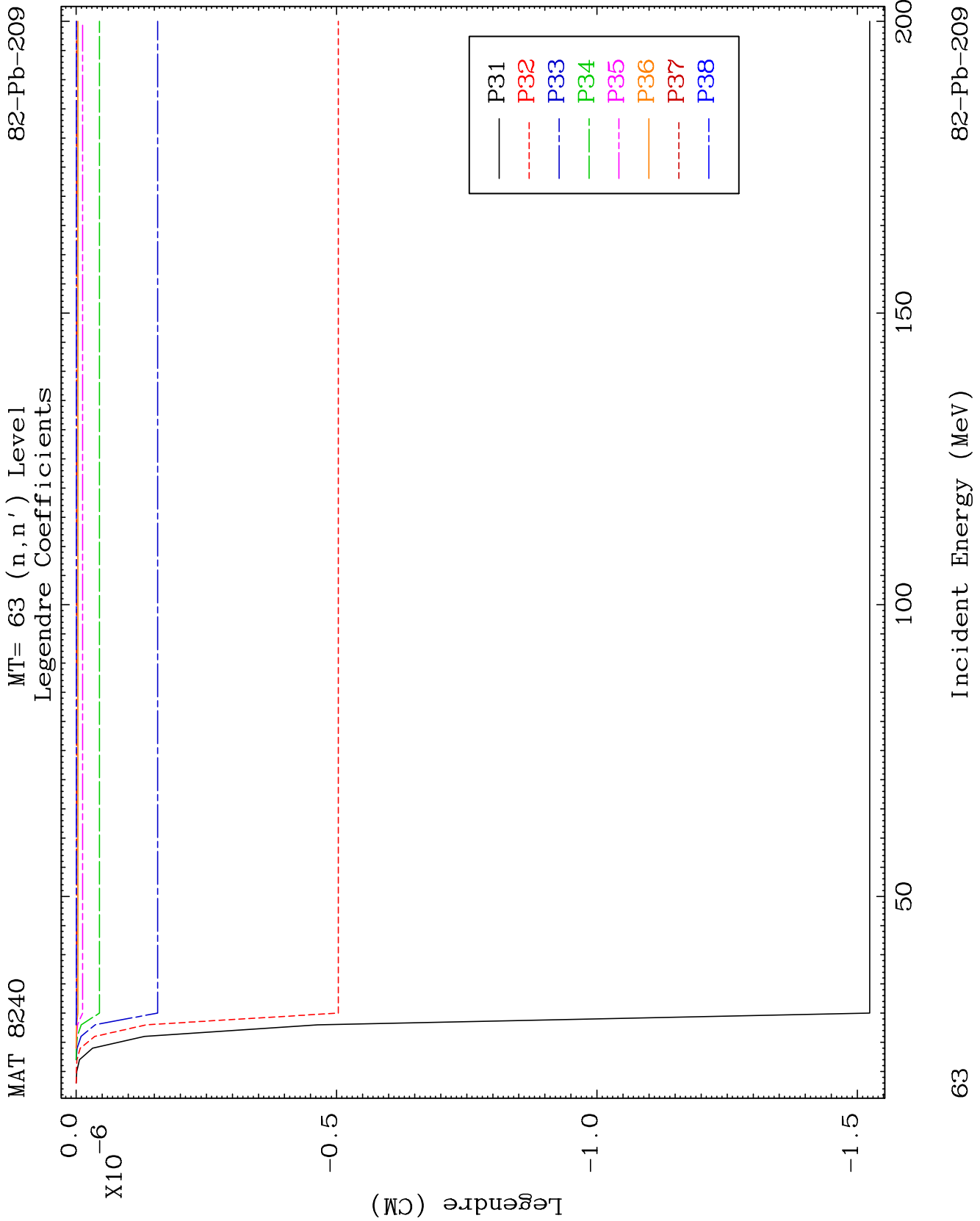
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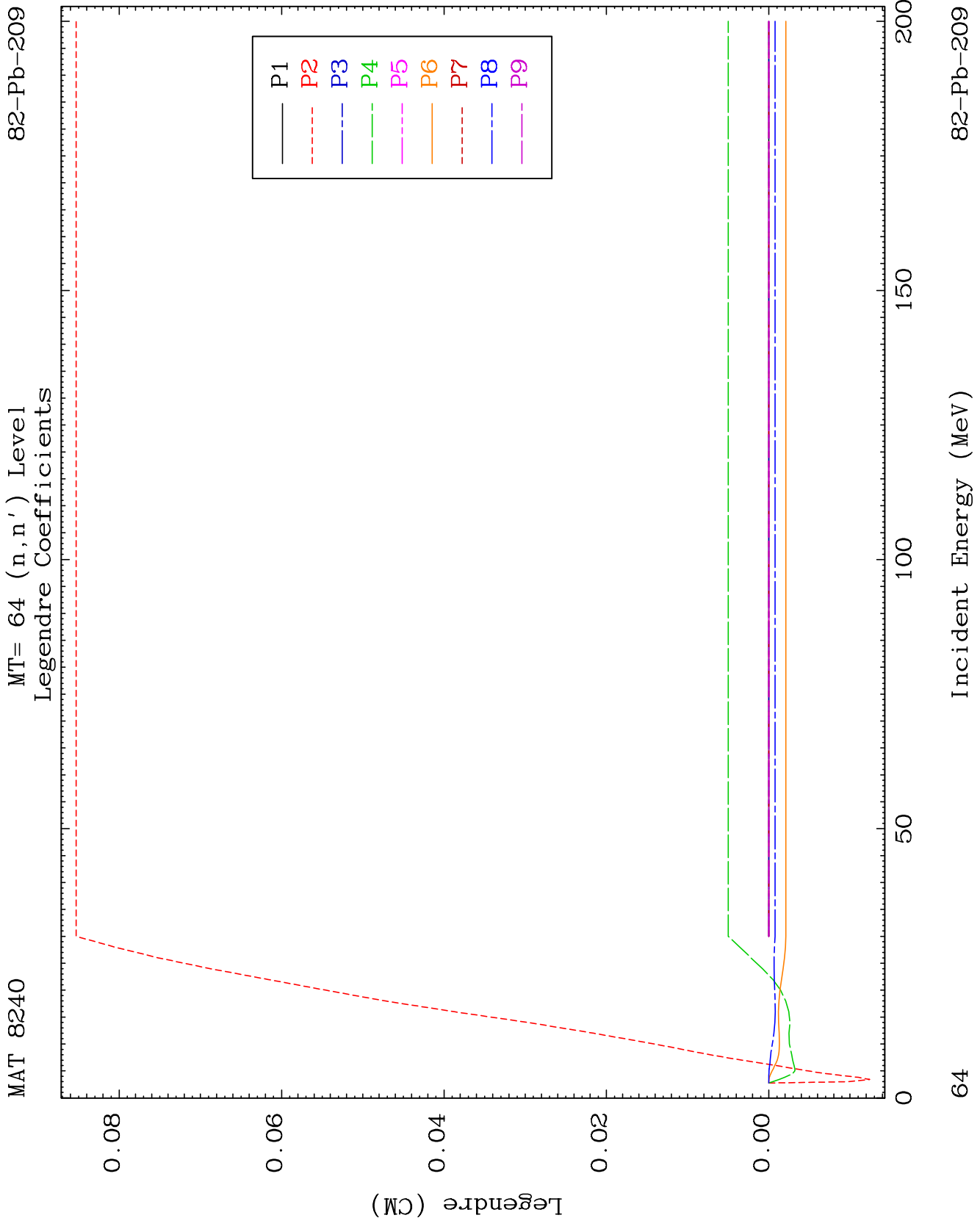


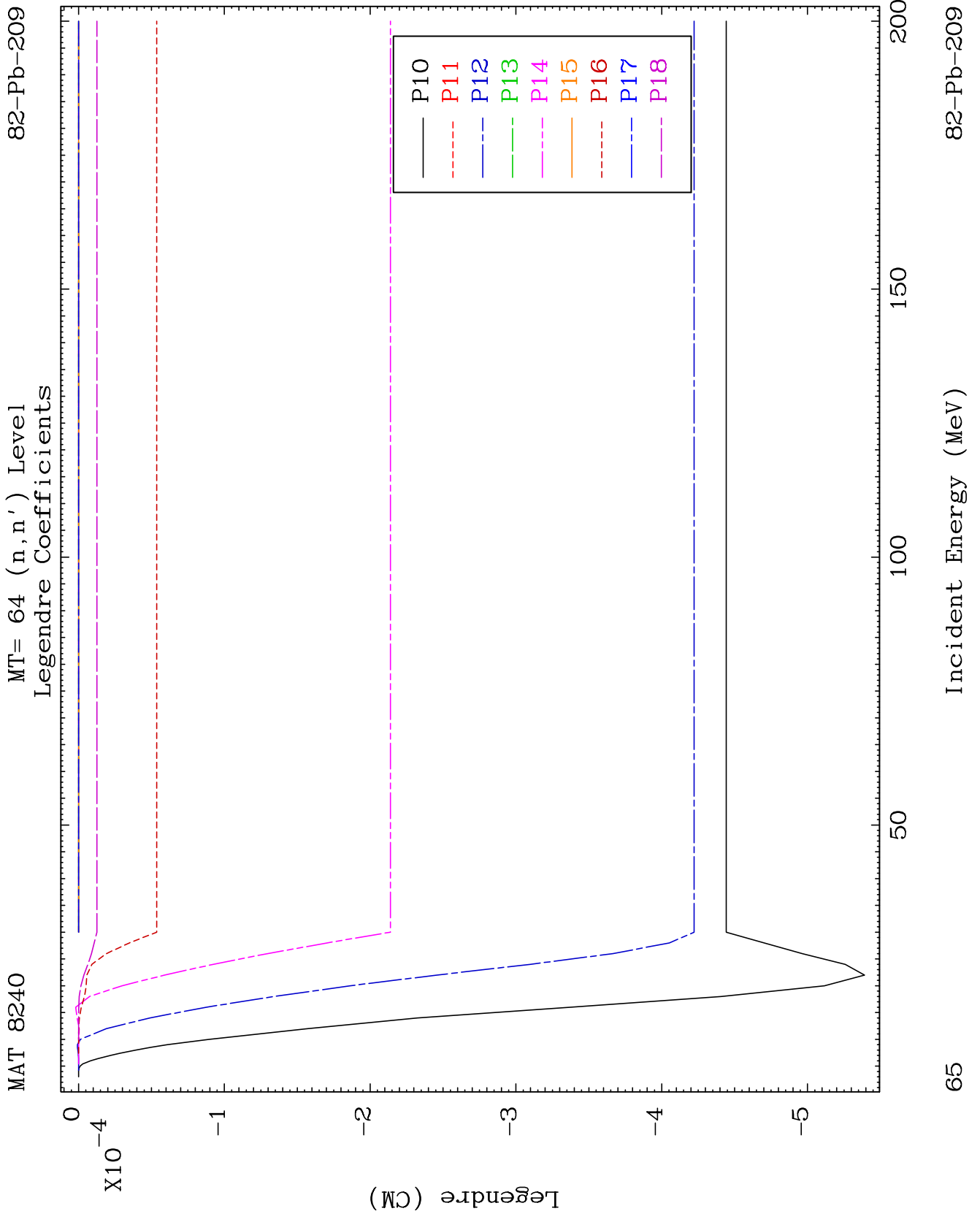
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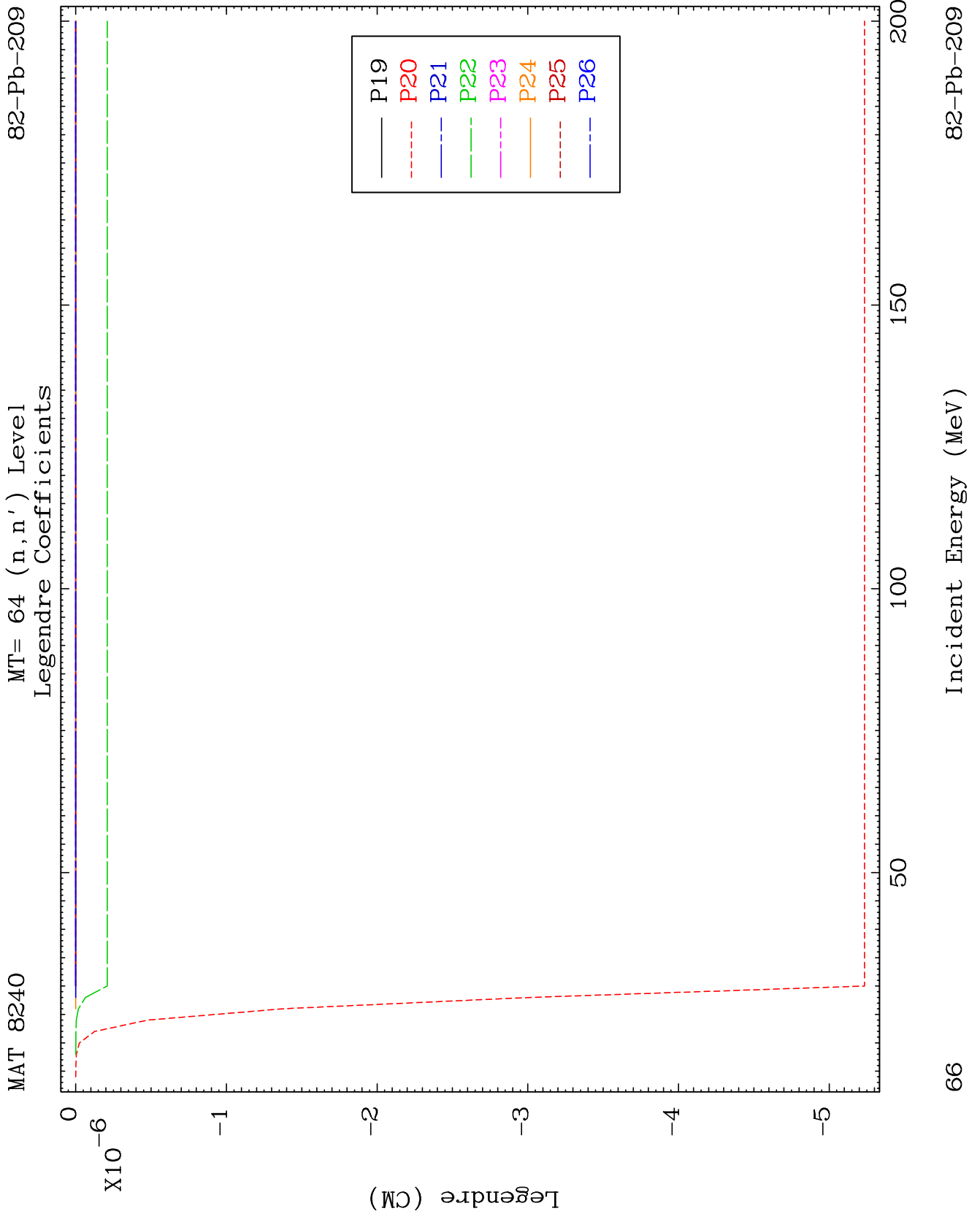
Incident Energy (MeV)

82-Pb-209





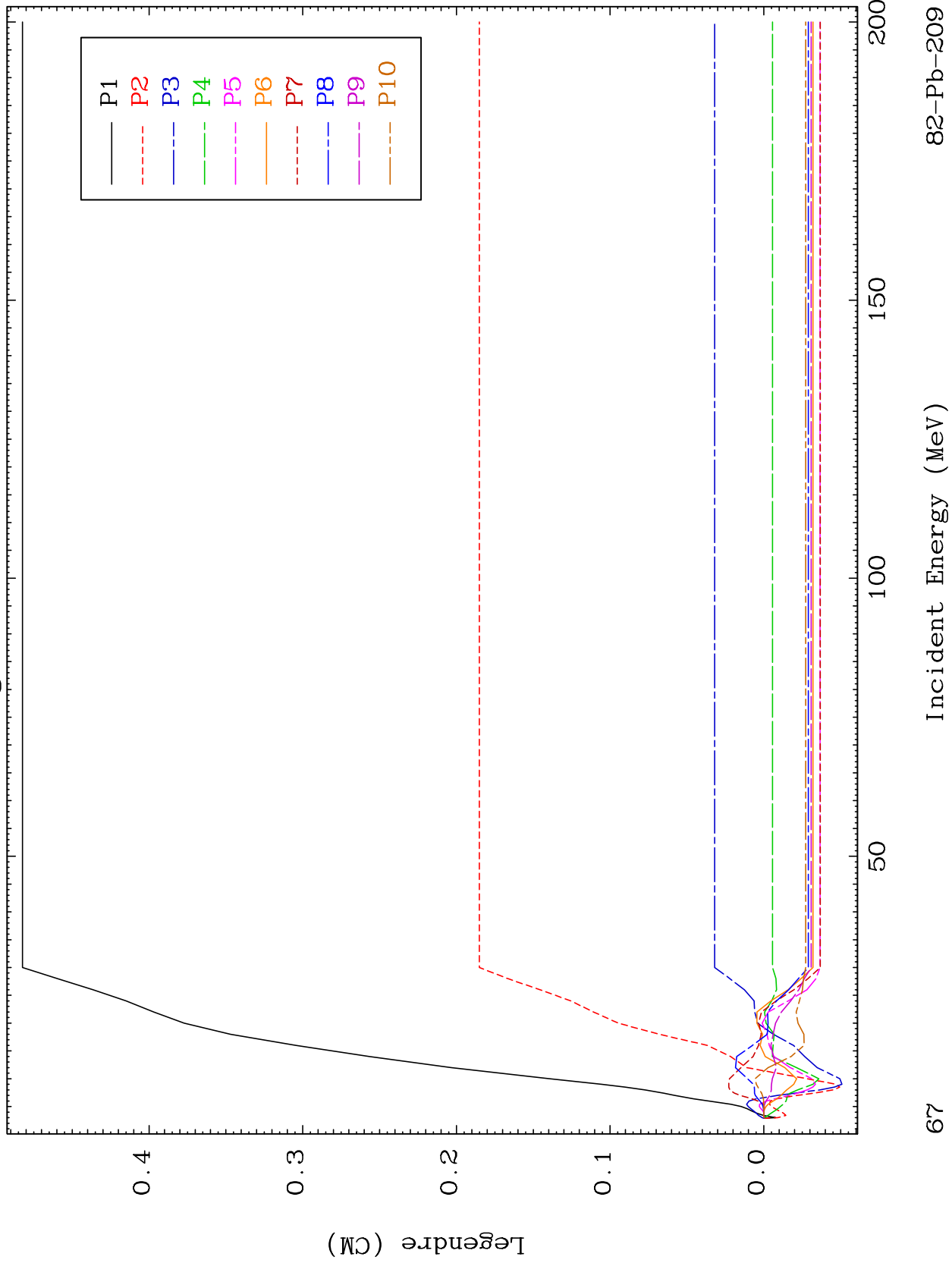




MAT 8240

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

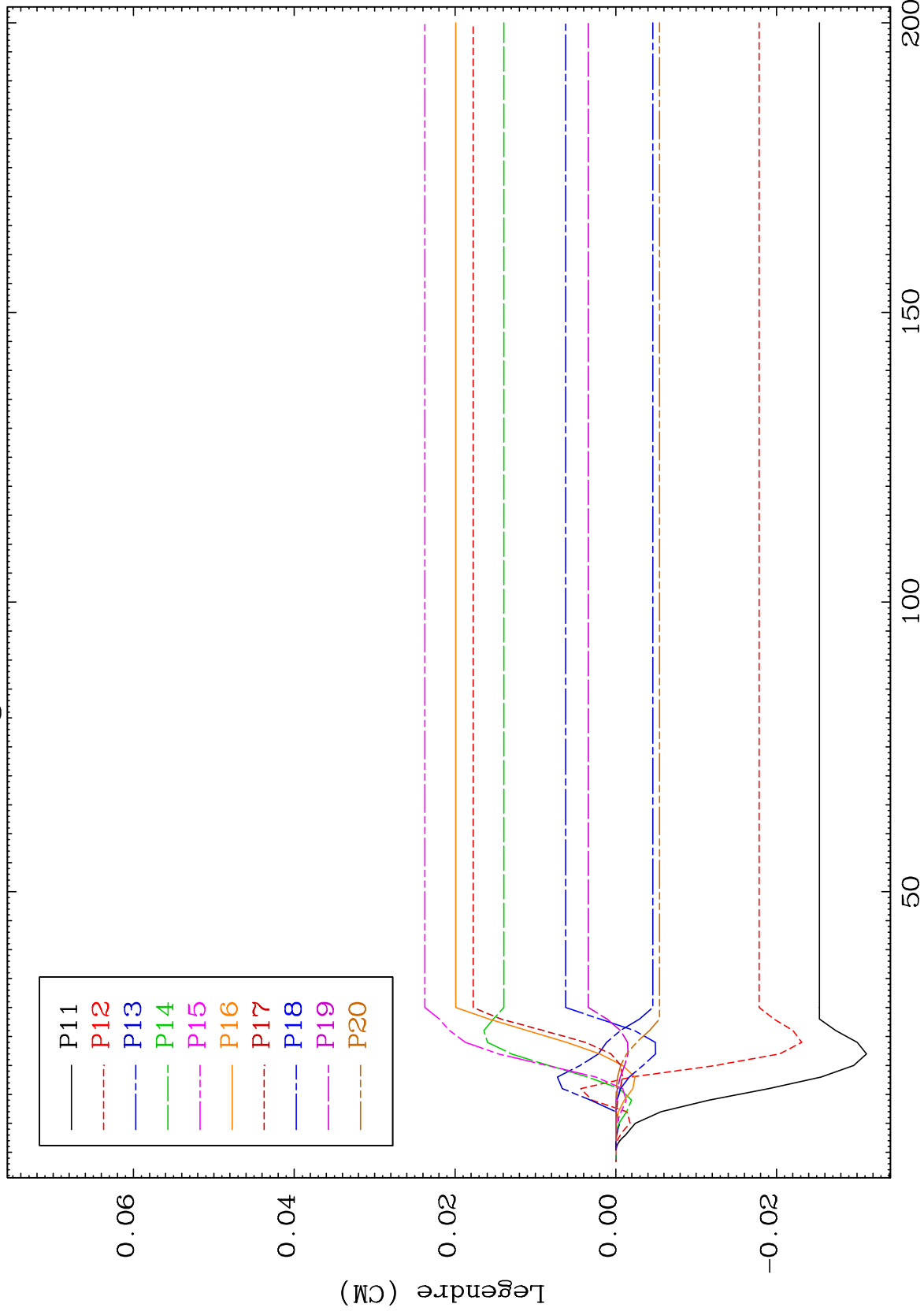
82-Pb-209



MAT 8240

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

82-Pb-209



68

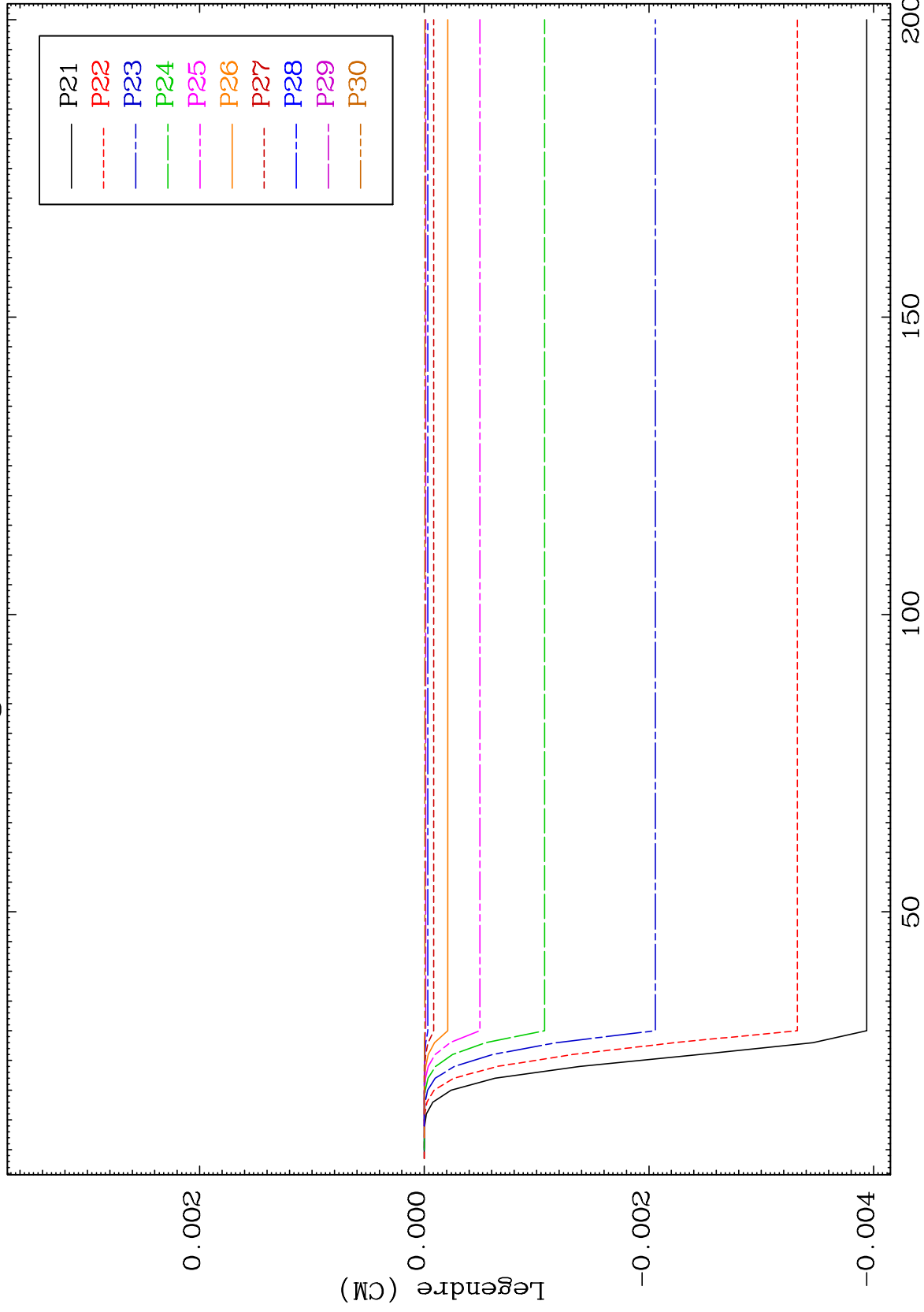
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

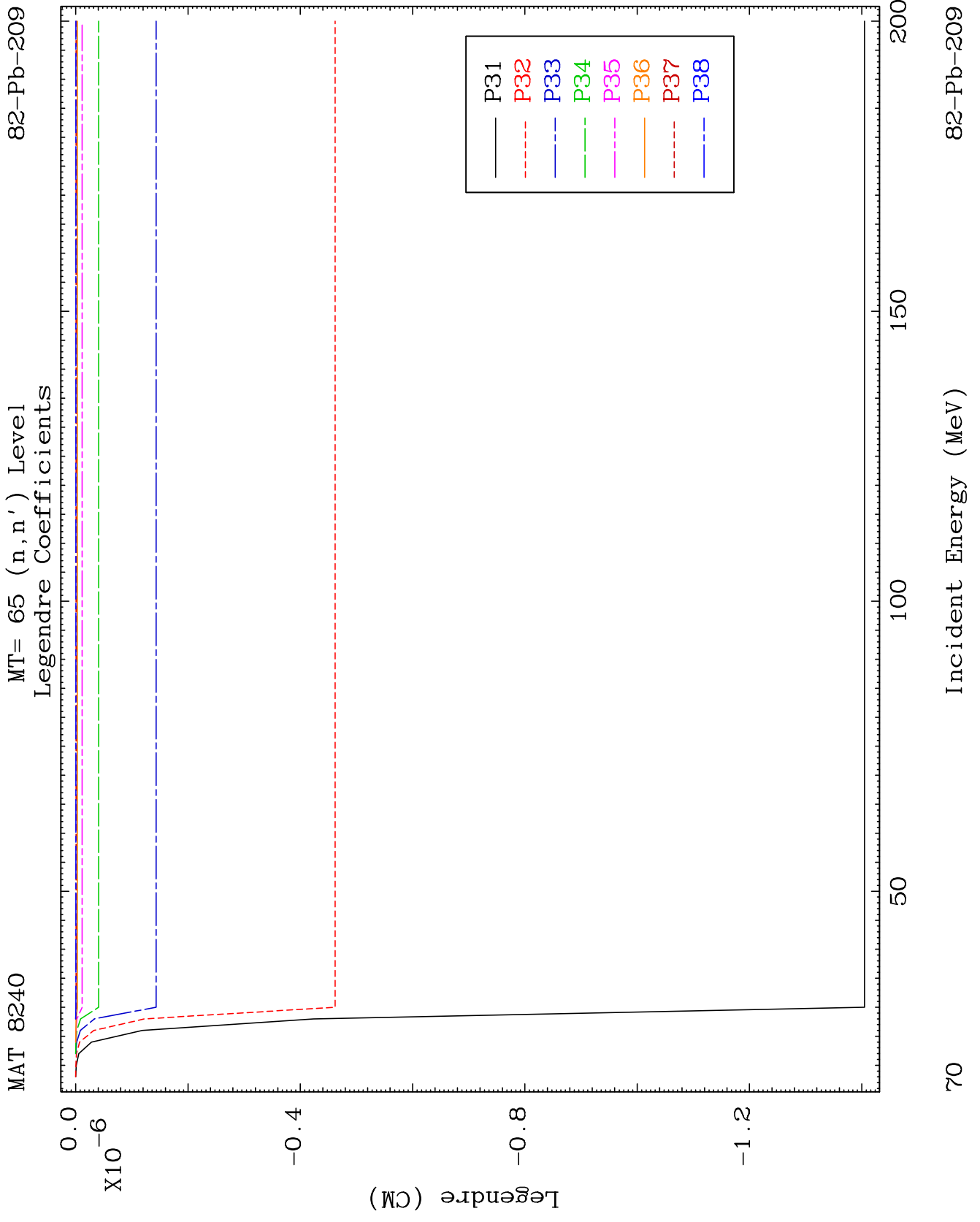
82-Pb-209



69

Incident Energy (MeV)

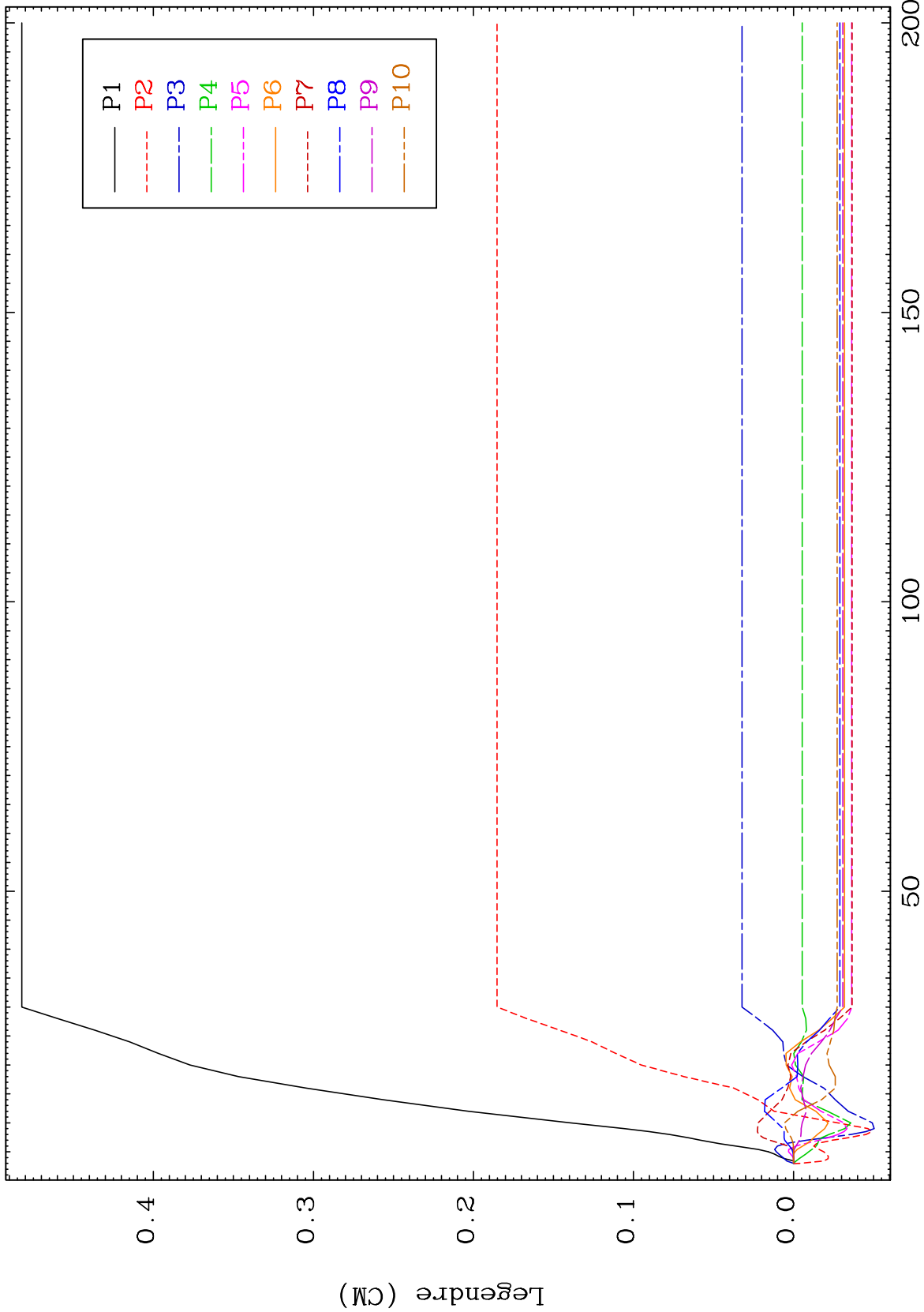
82-Pb-209



MAT 8240

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

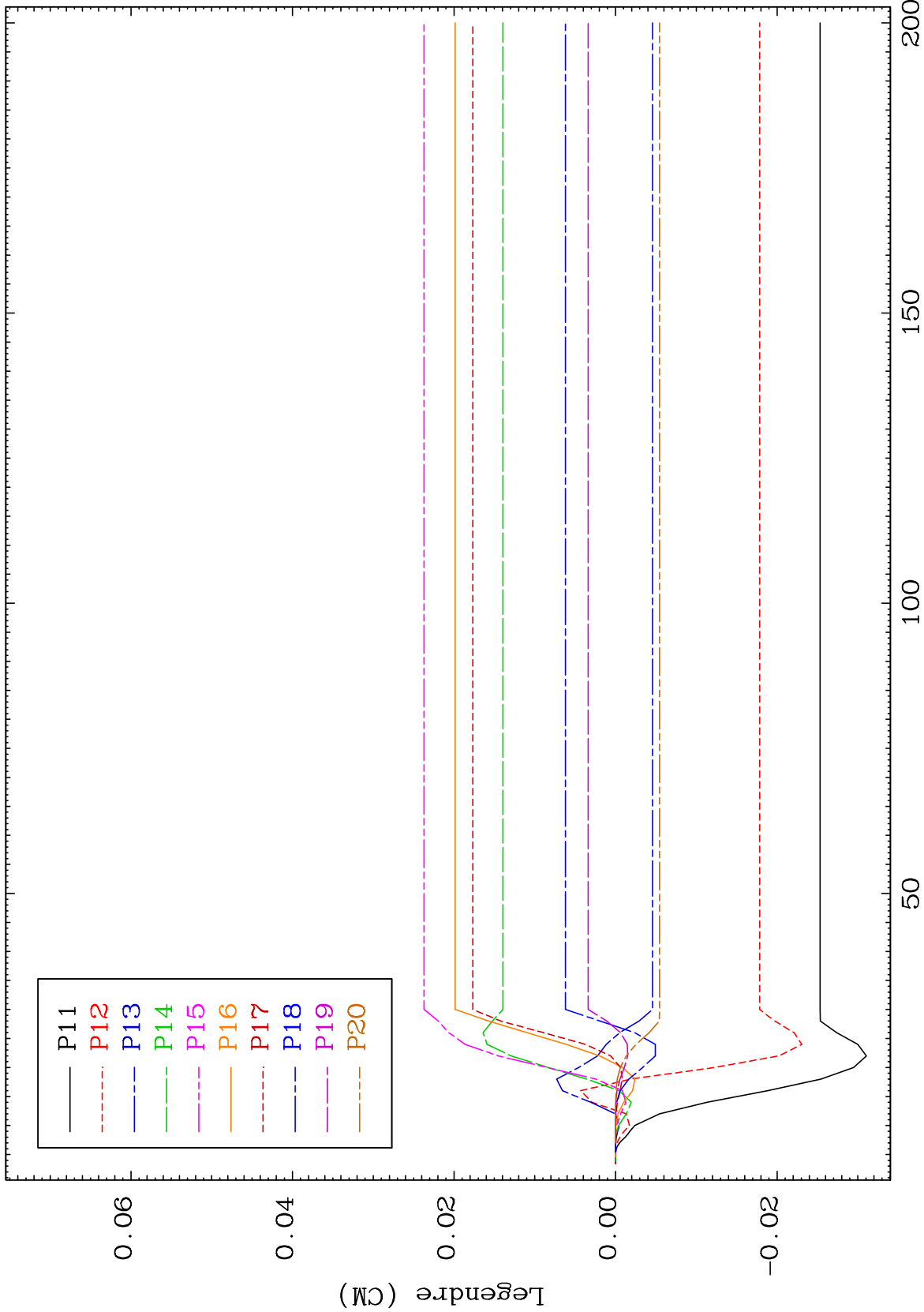
82-Pb-209



MAT 8240

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

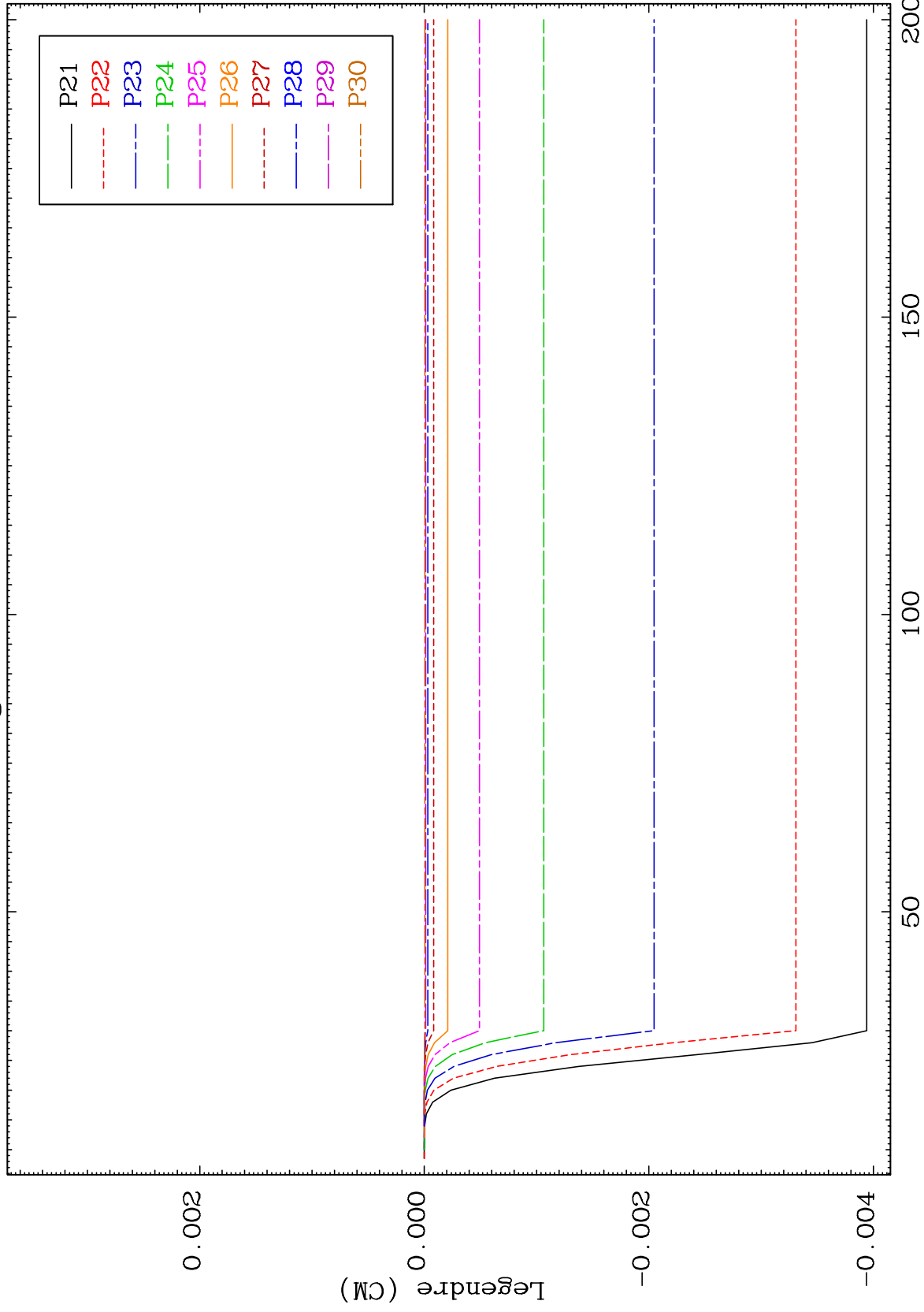
82-Pb-209



MAT 8240

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

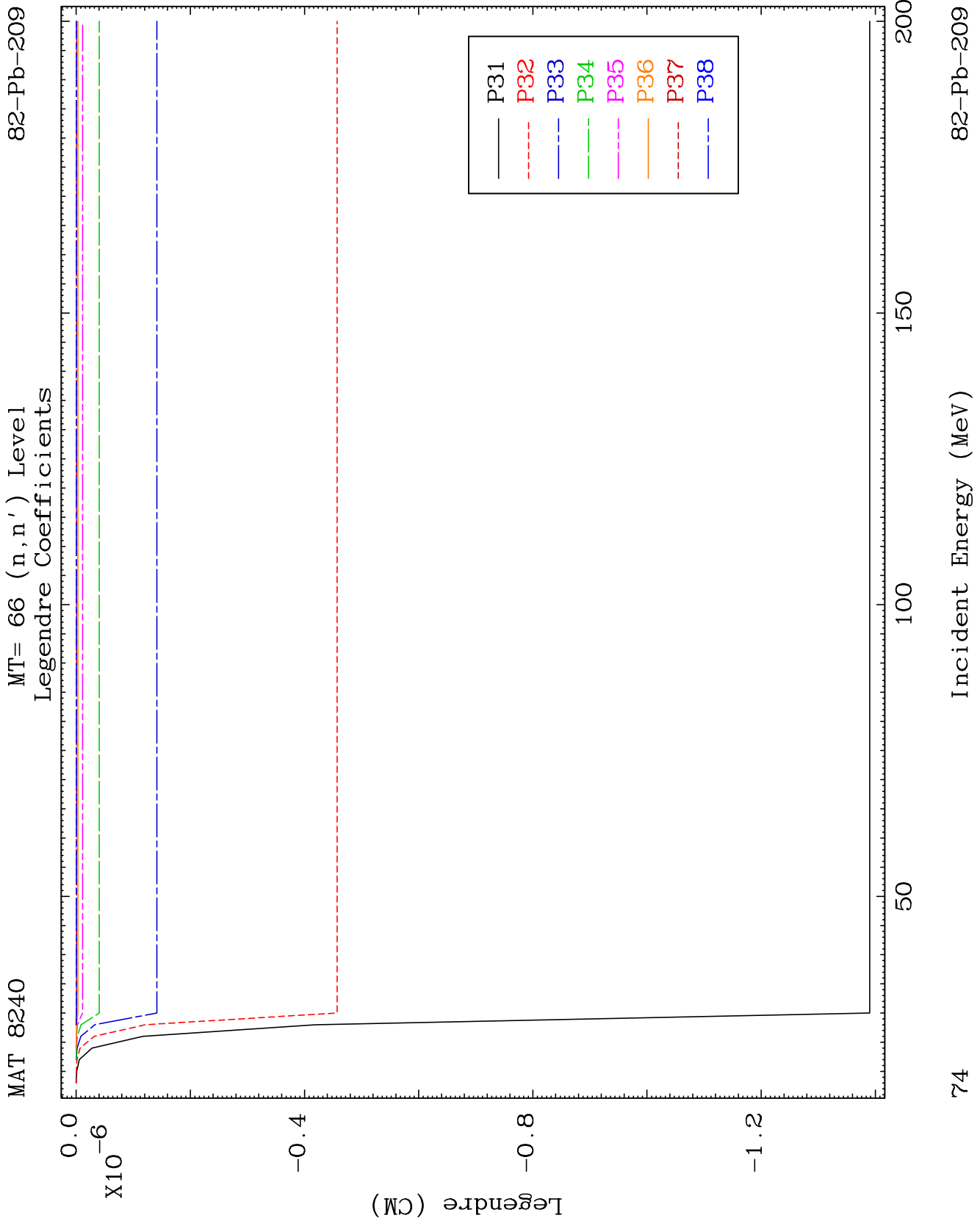
82-Pb-209

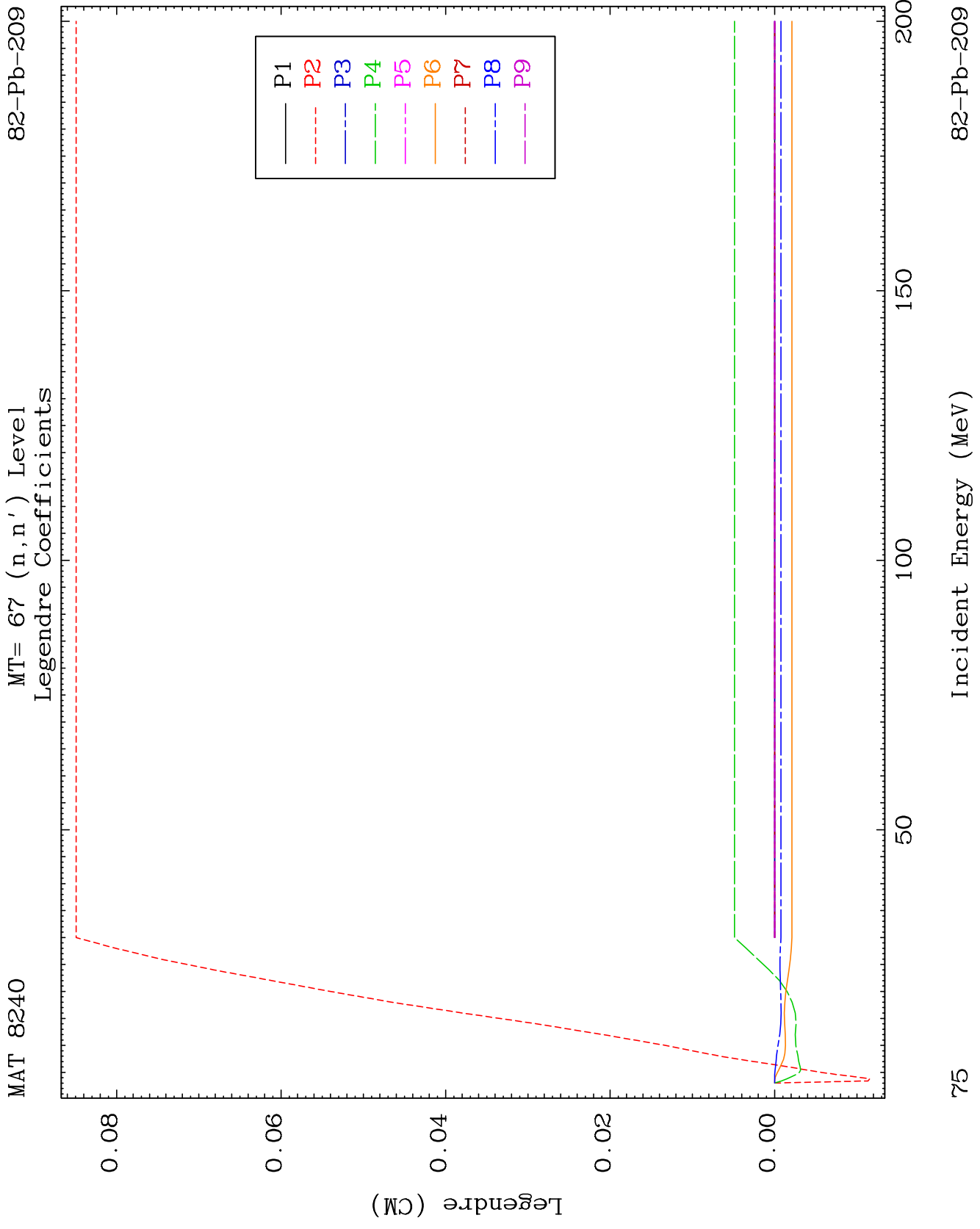


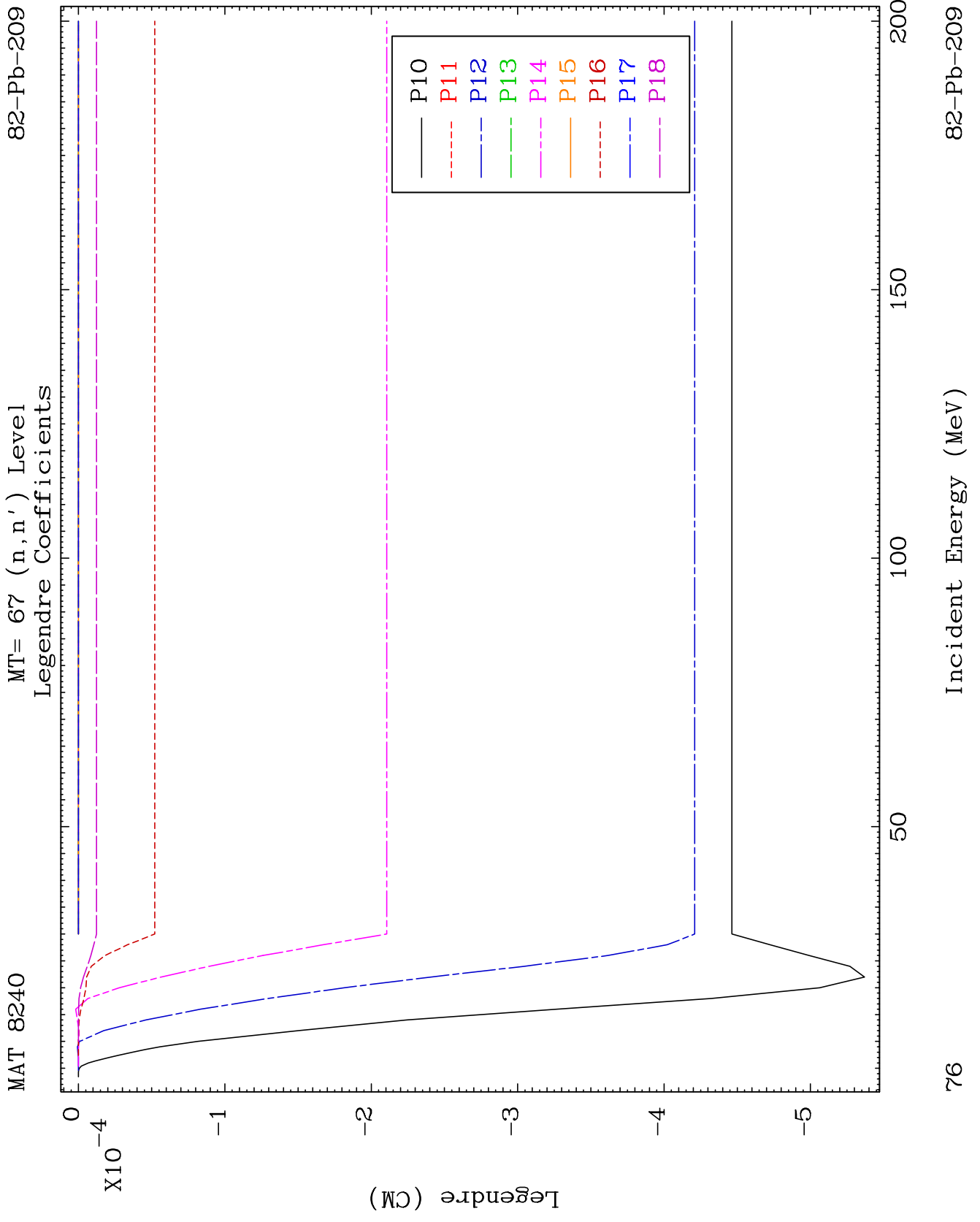
73

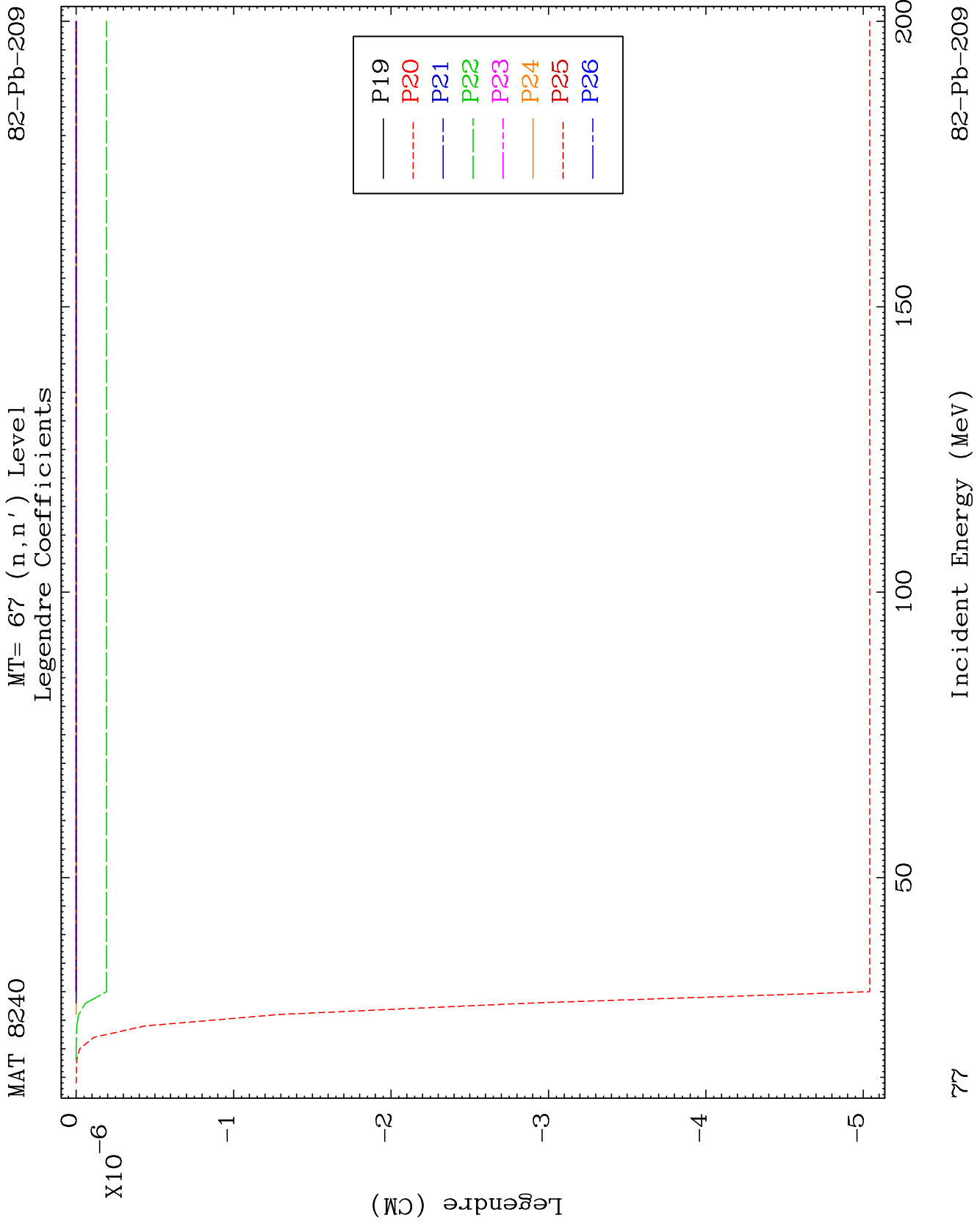
Incident Energy (MeV)

82-Pb-209





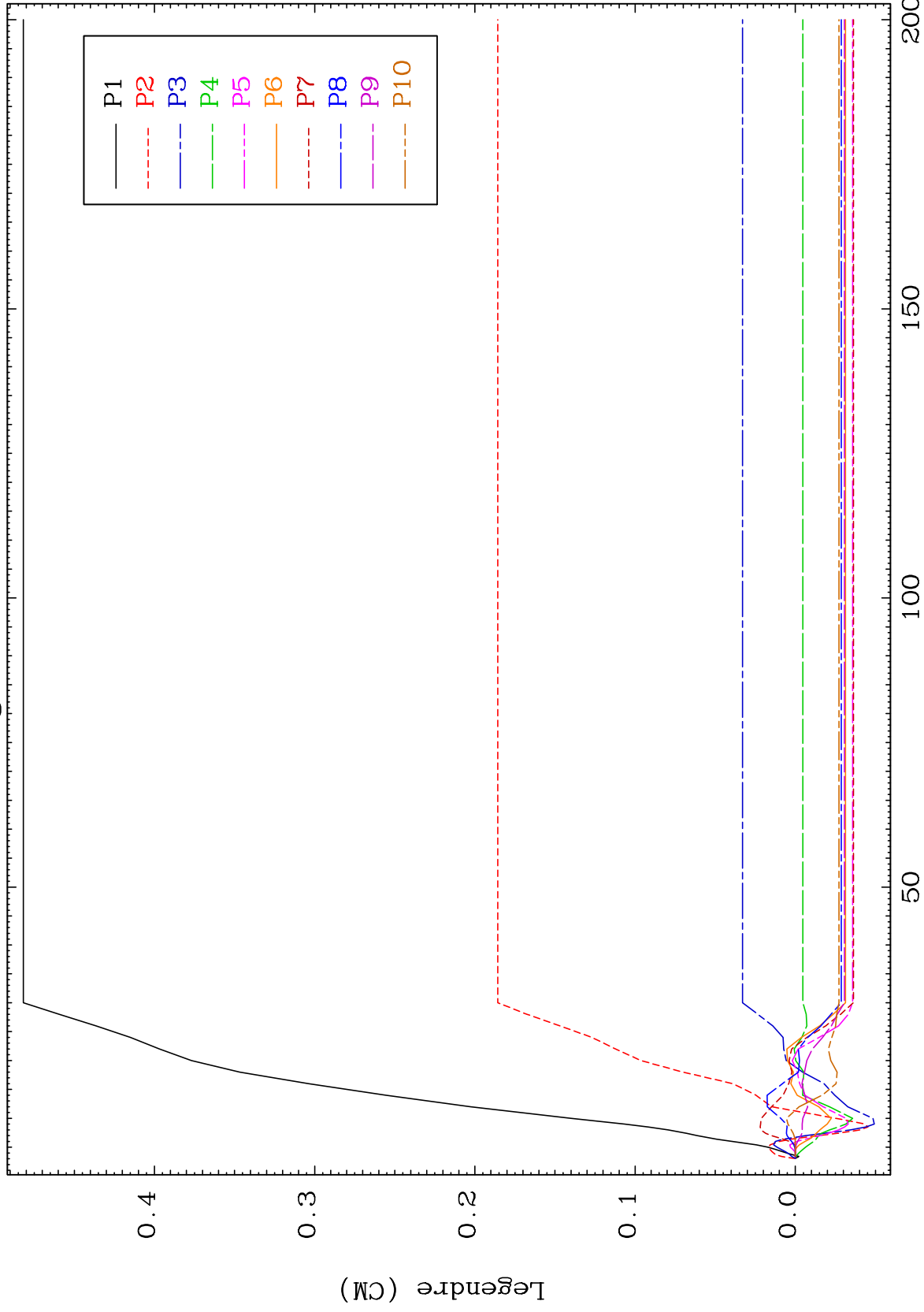




MAT 8240

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

82-Pb-209



78

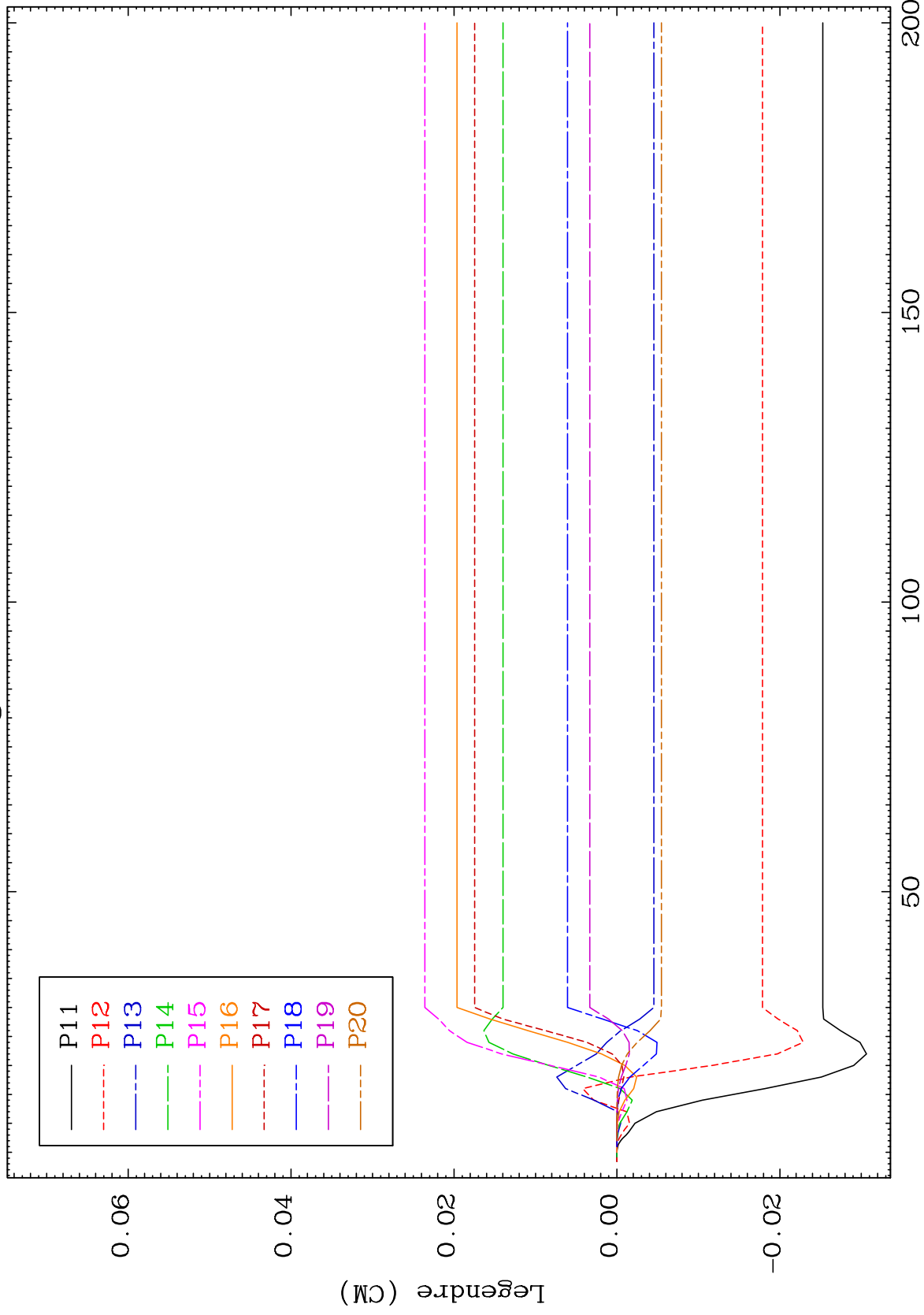
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



79

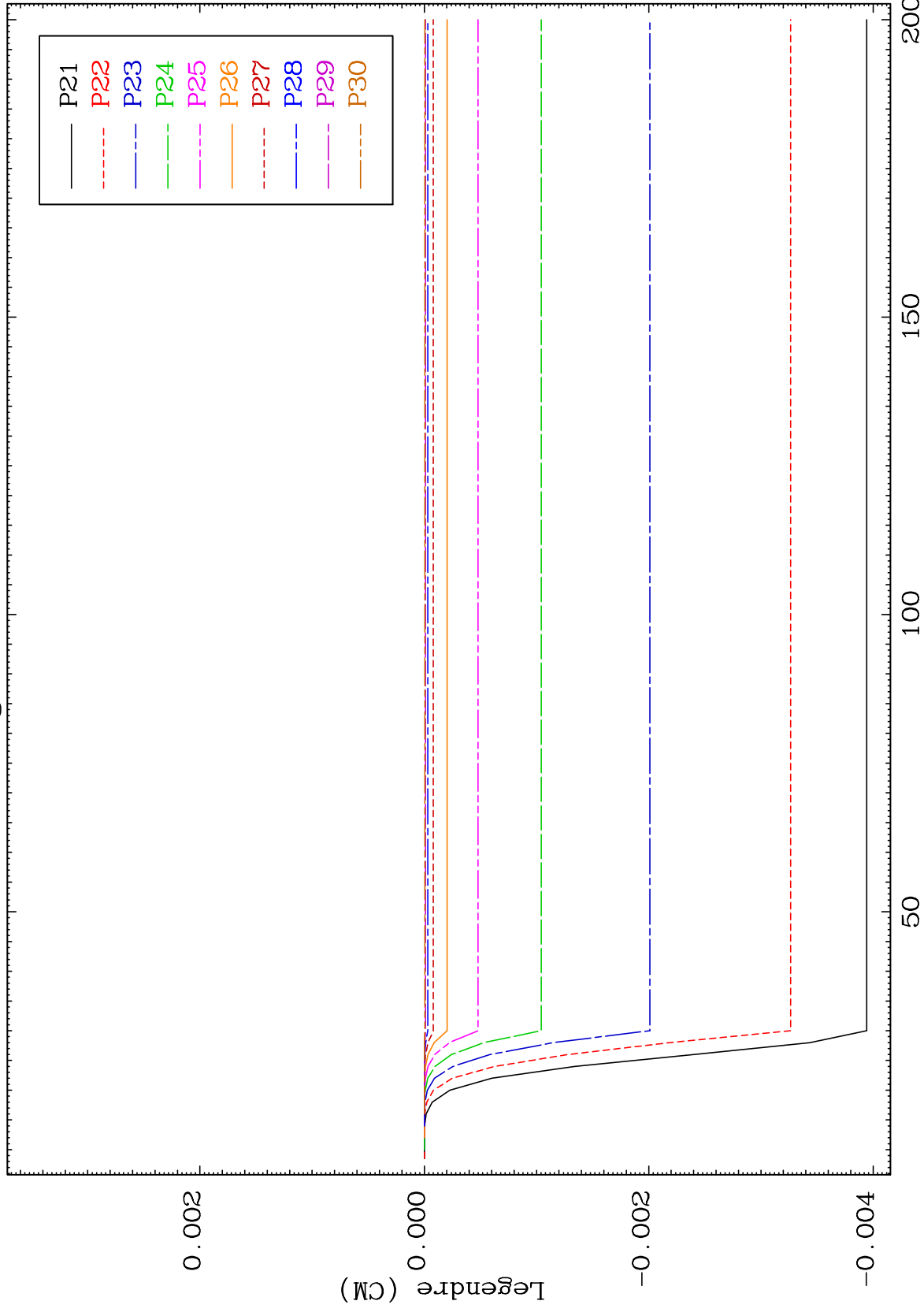
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



80

Incident Energy (MeV)

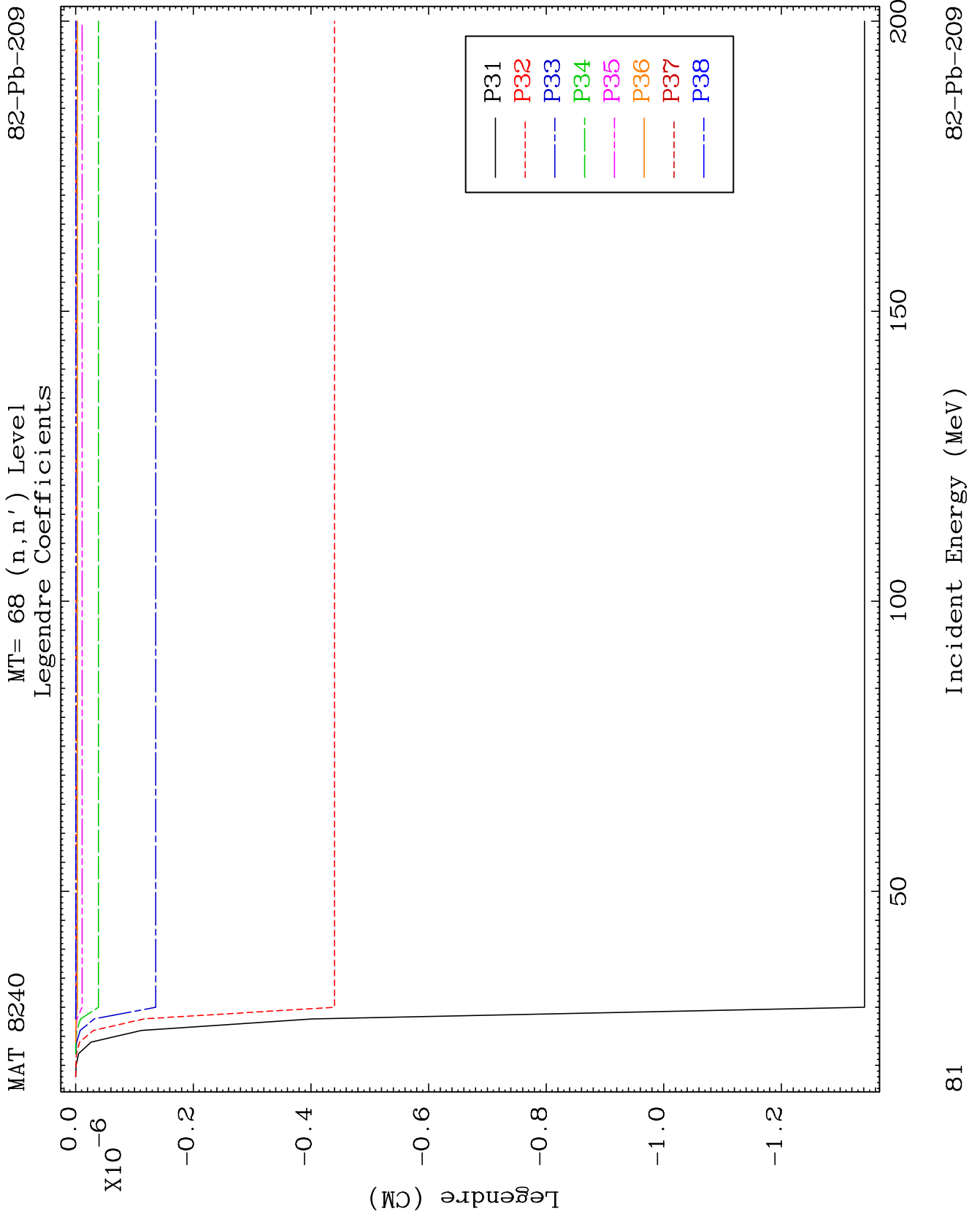
50

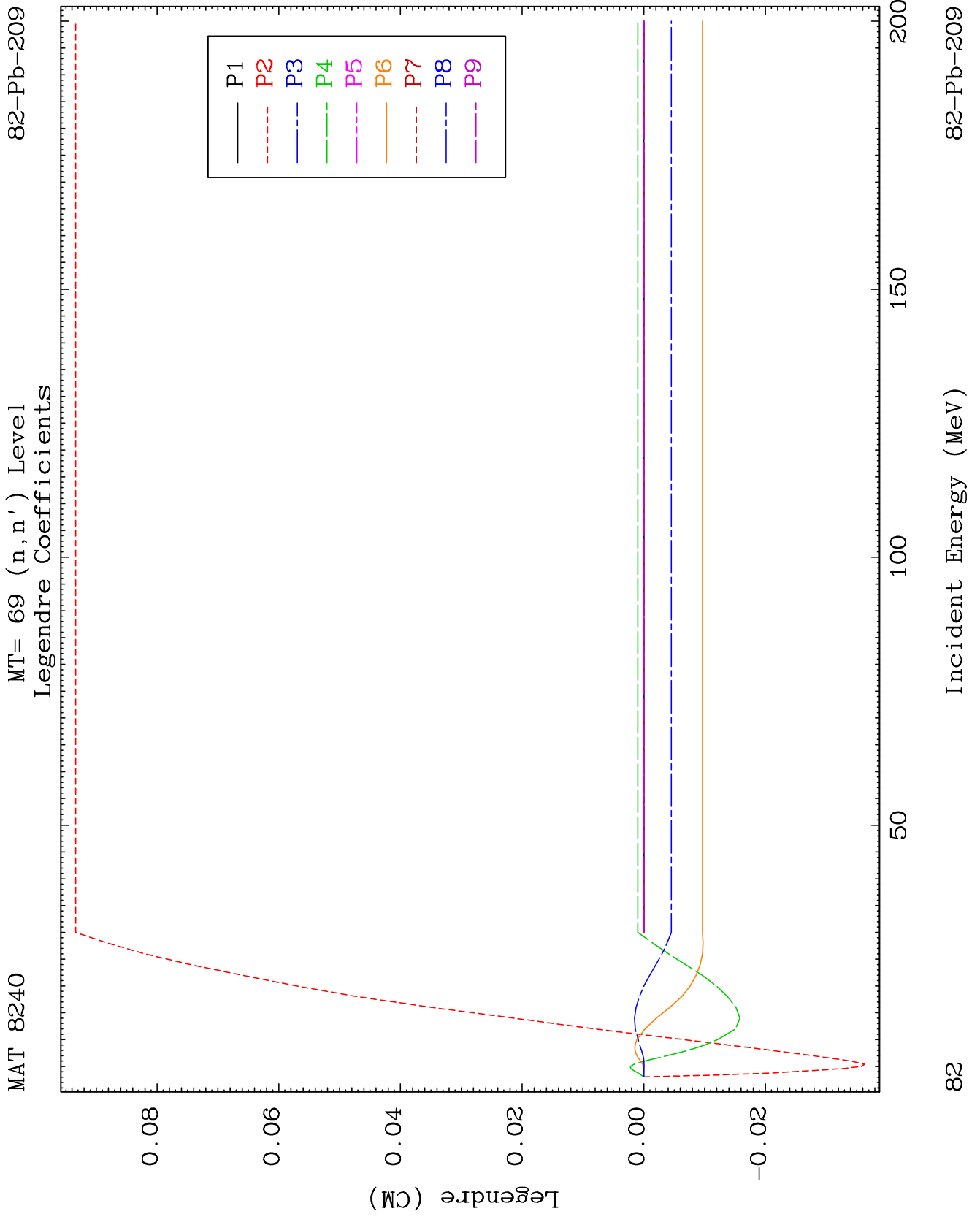
100

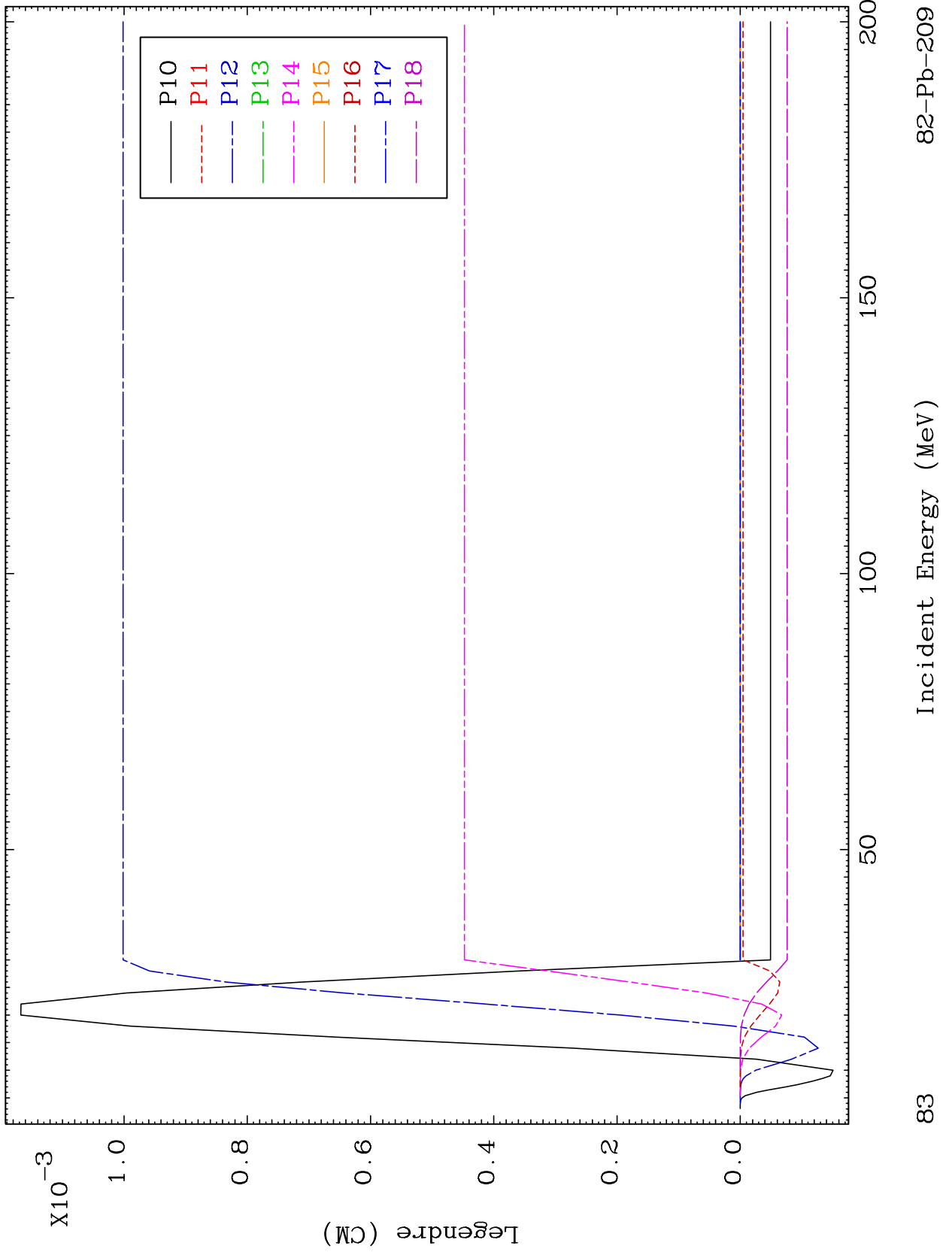
150

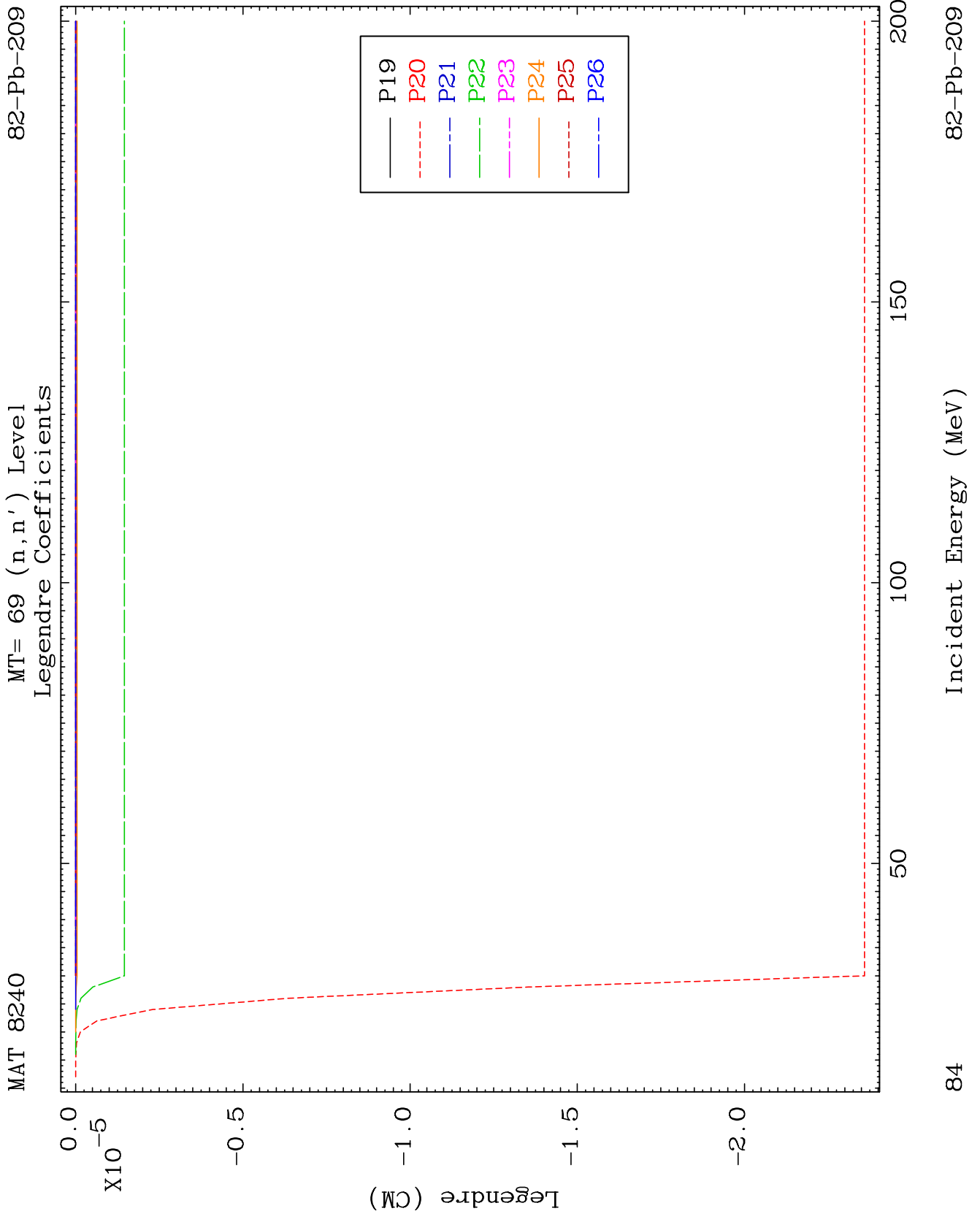
200

82-Pb-209





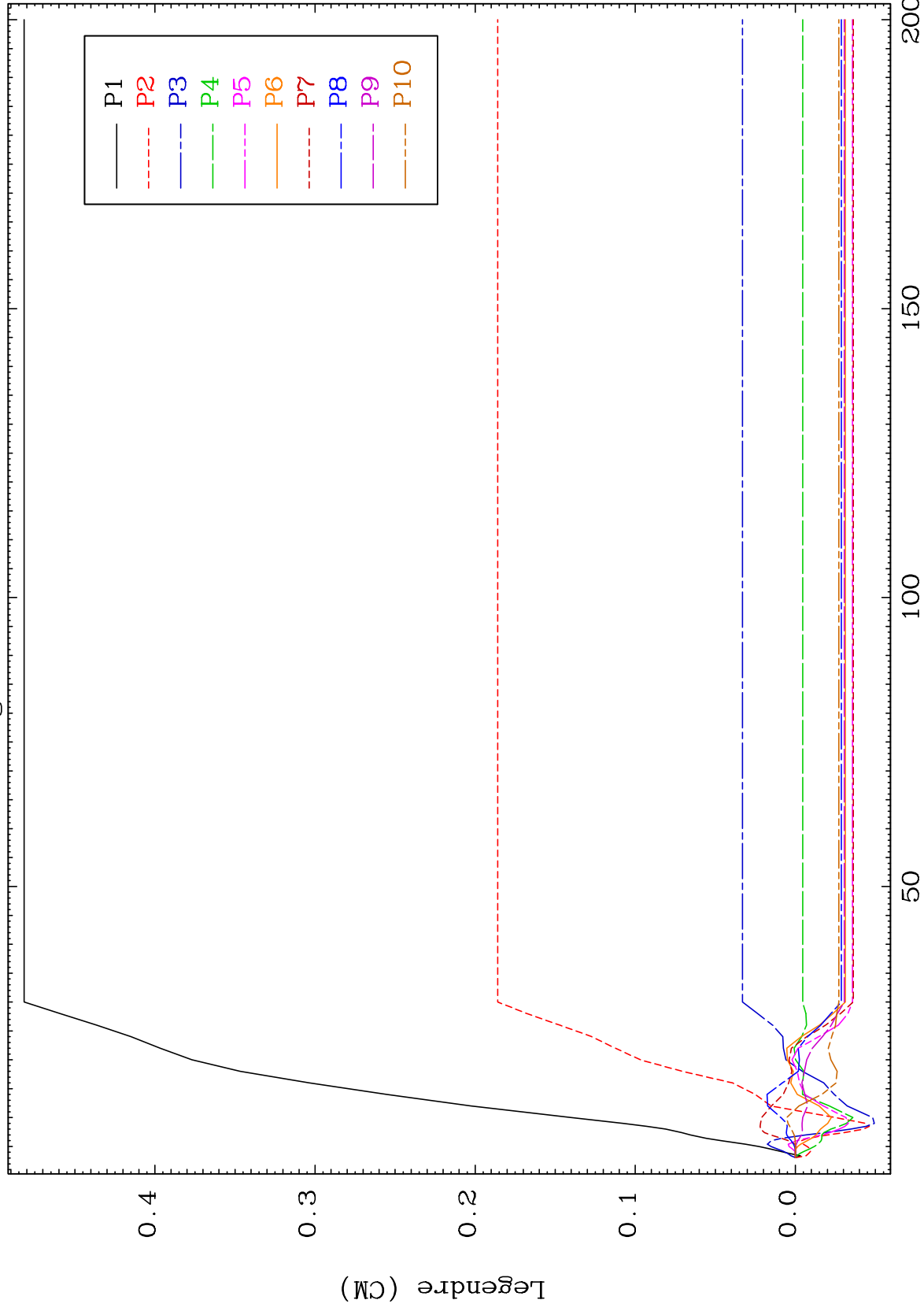




MAT 8240

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

82-Pb-209



85

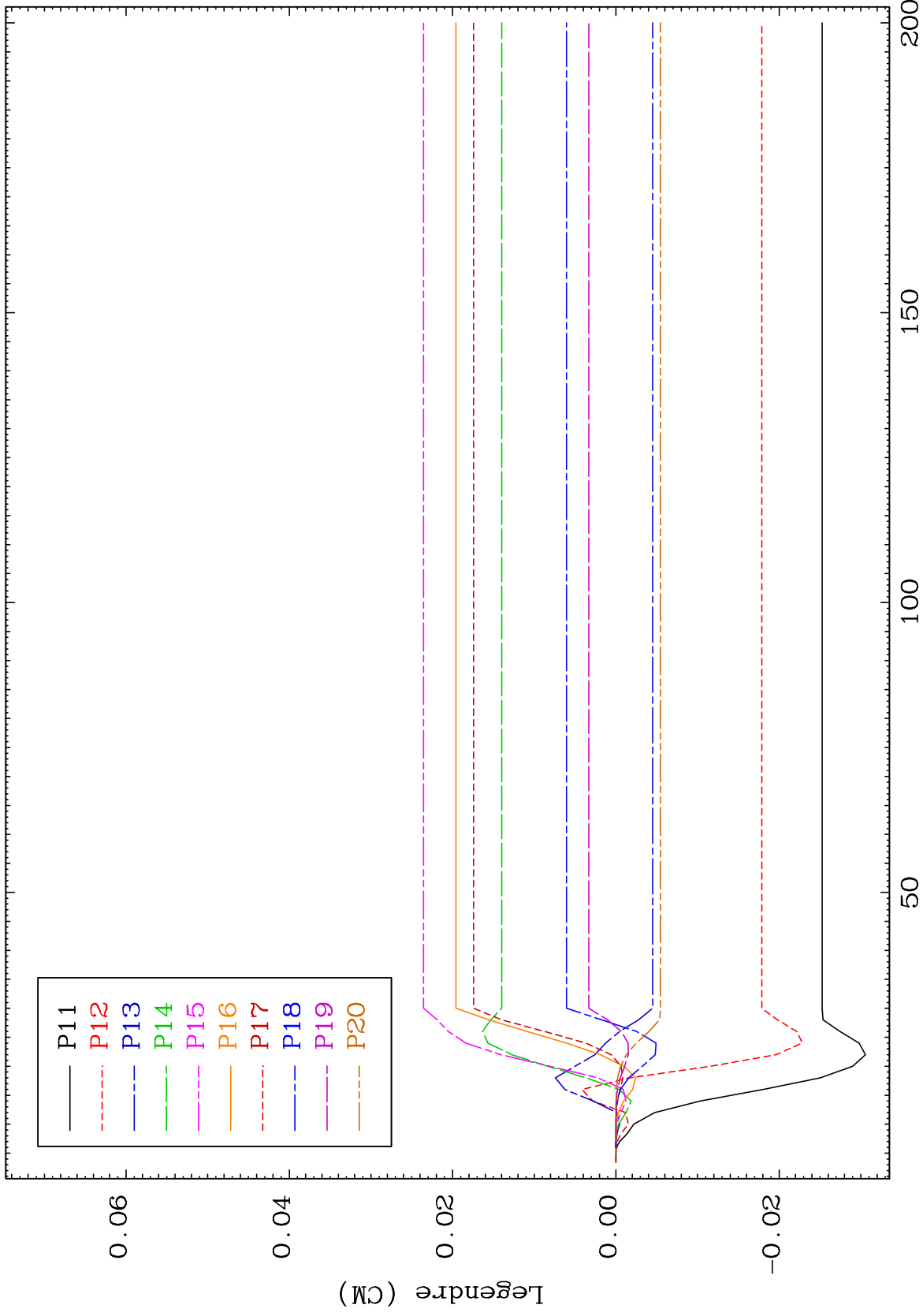
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



86

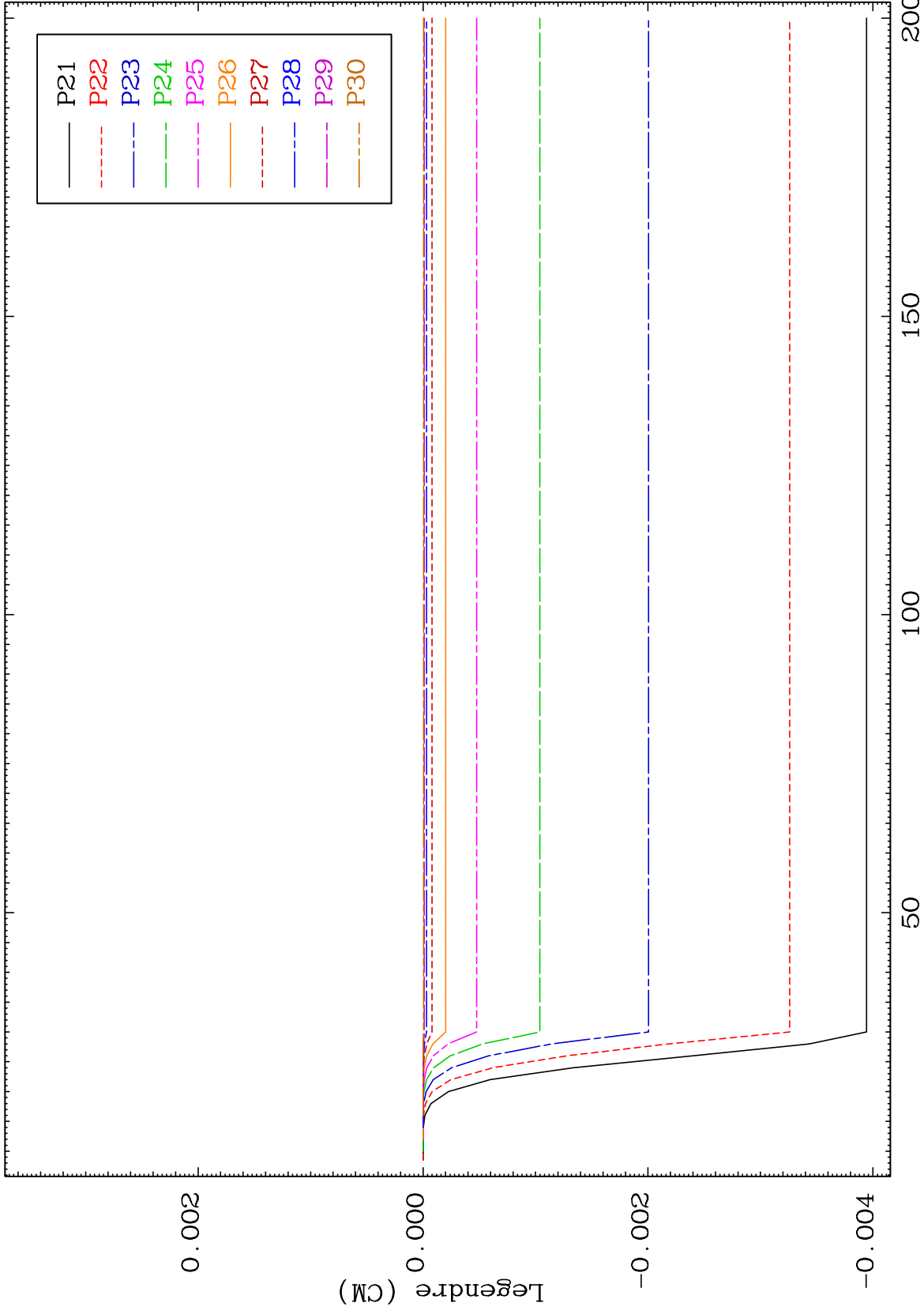
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

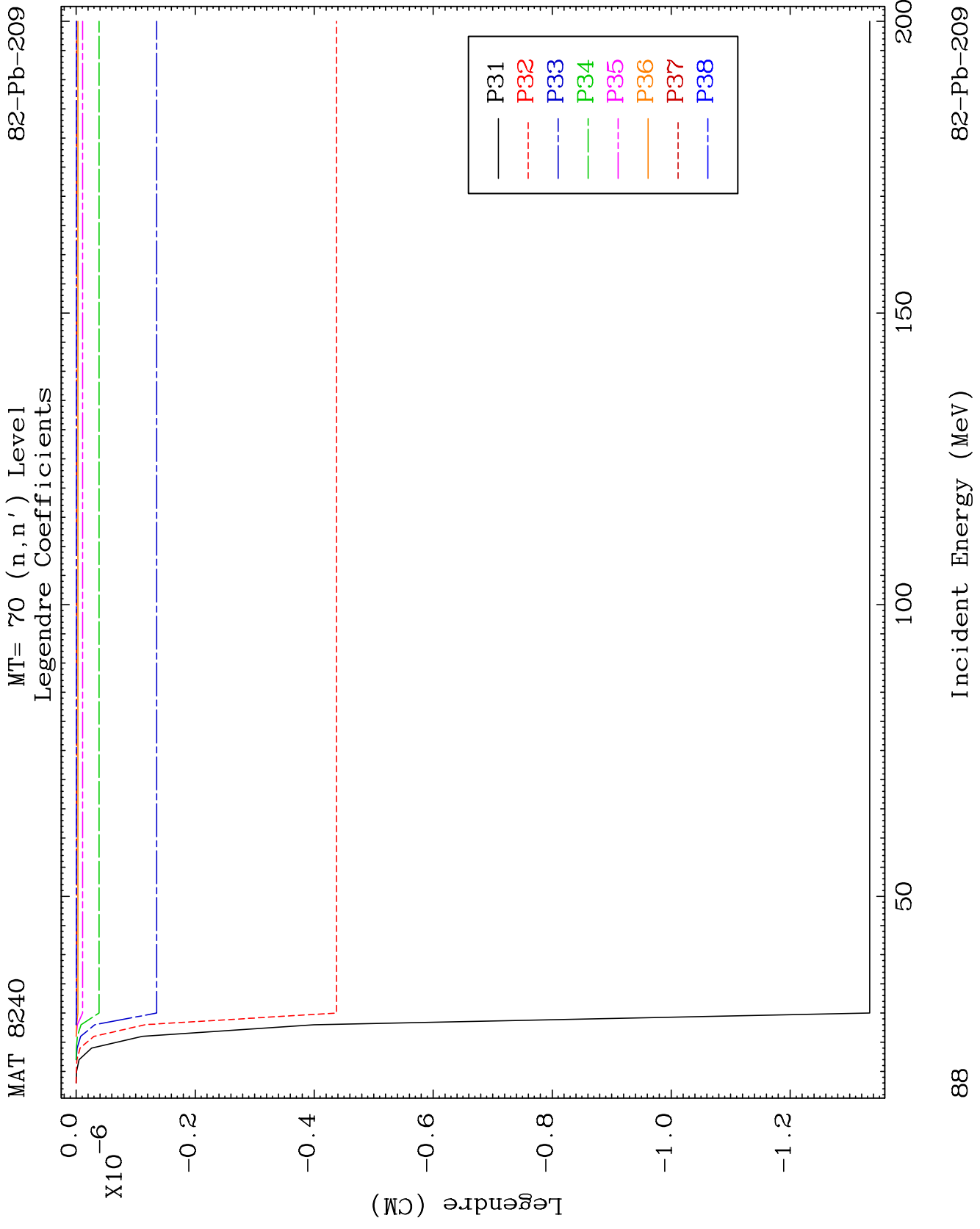
82-Pb-209

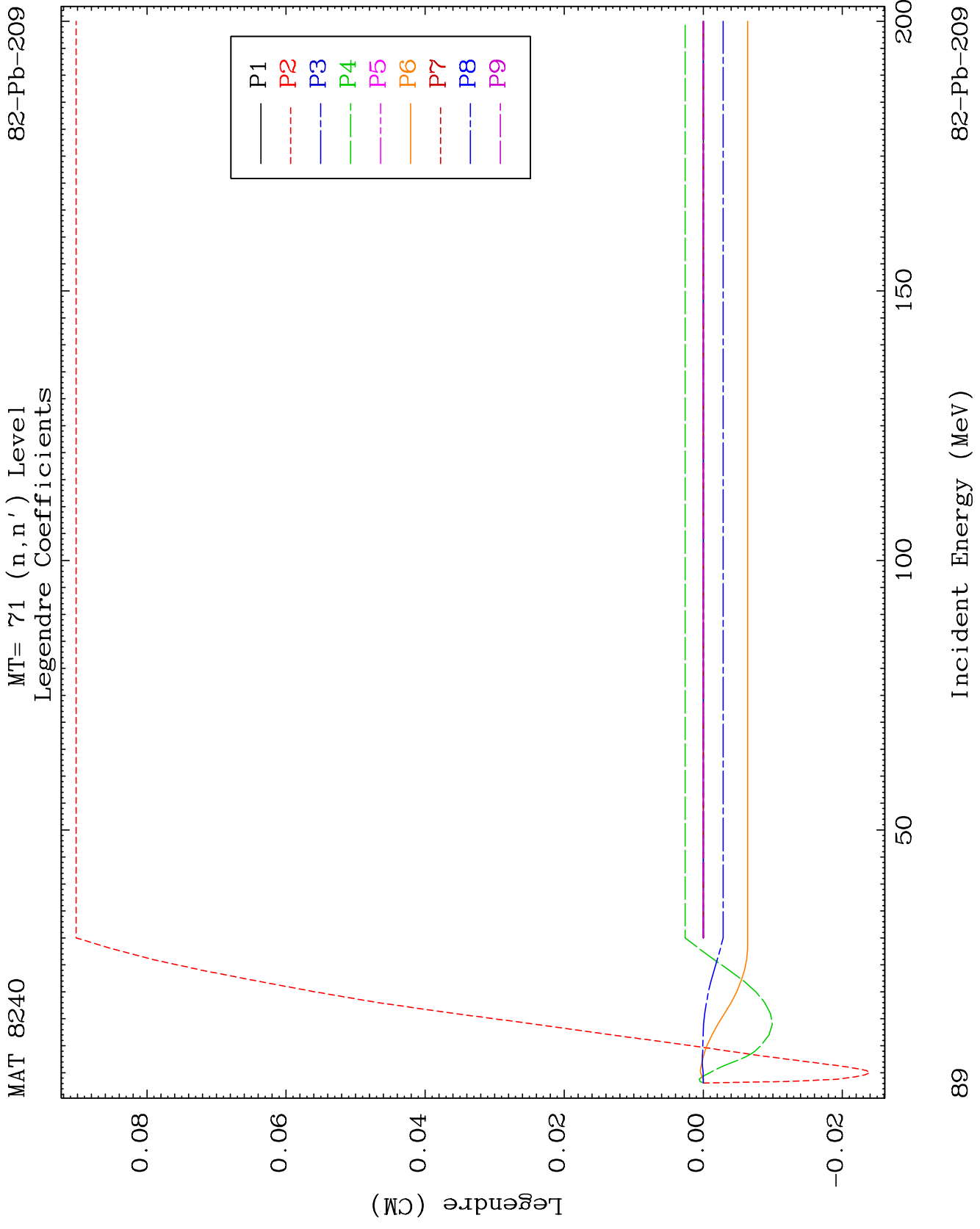


87

Incident Energy (MeV)

82-Pb-209

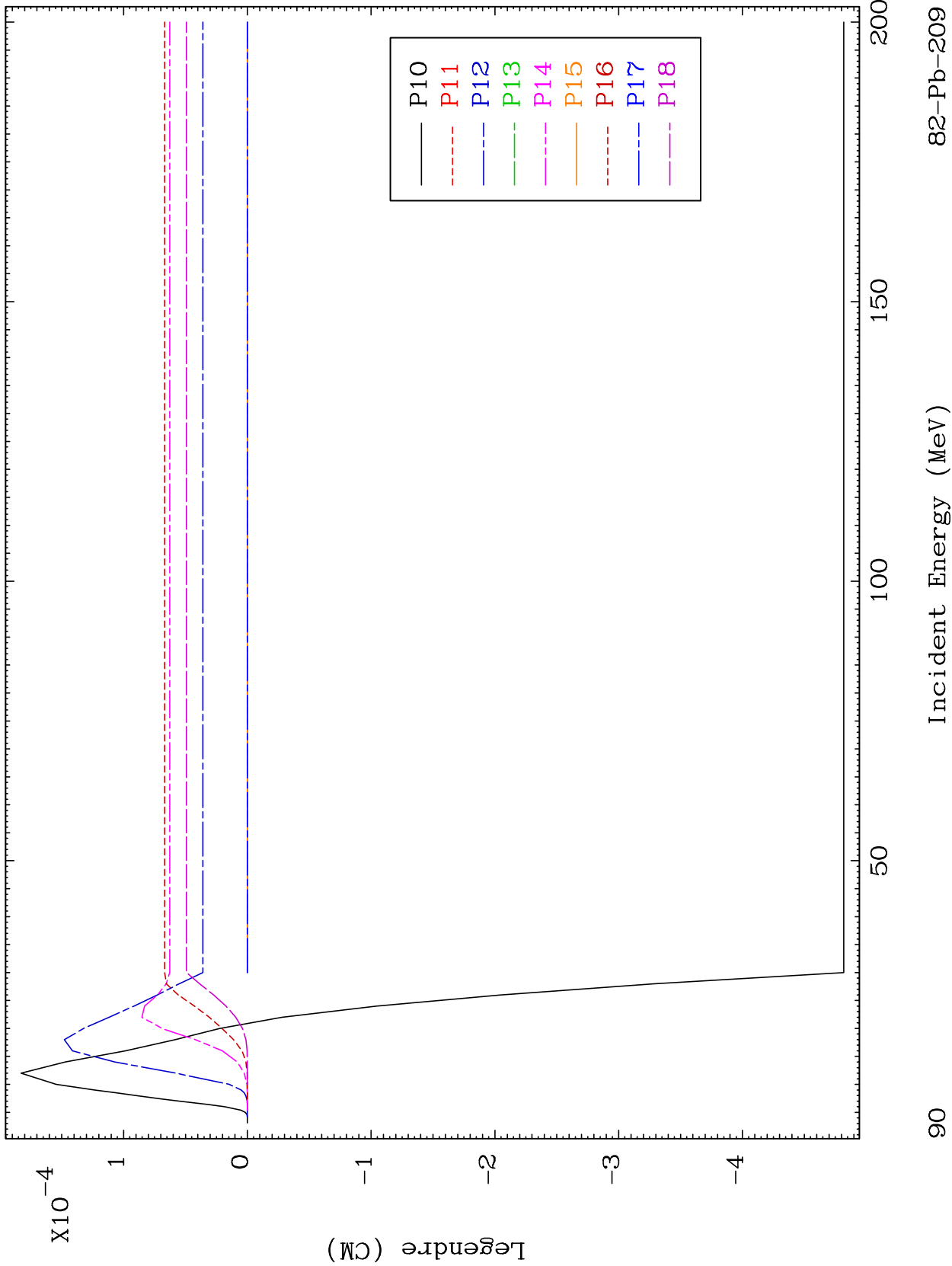




MAT 8240

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

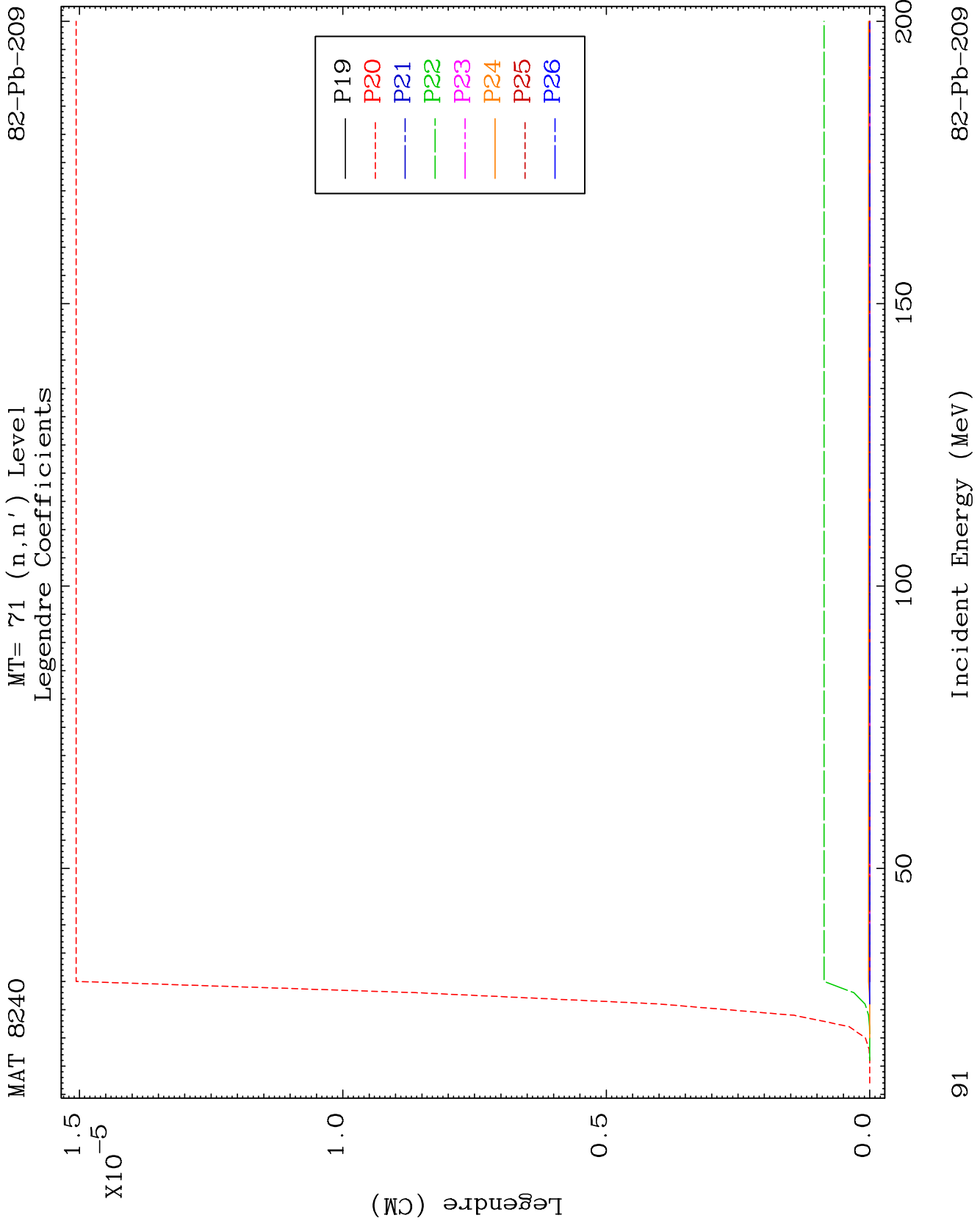
82-Pb-209



90

Incident Energy (MeV)

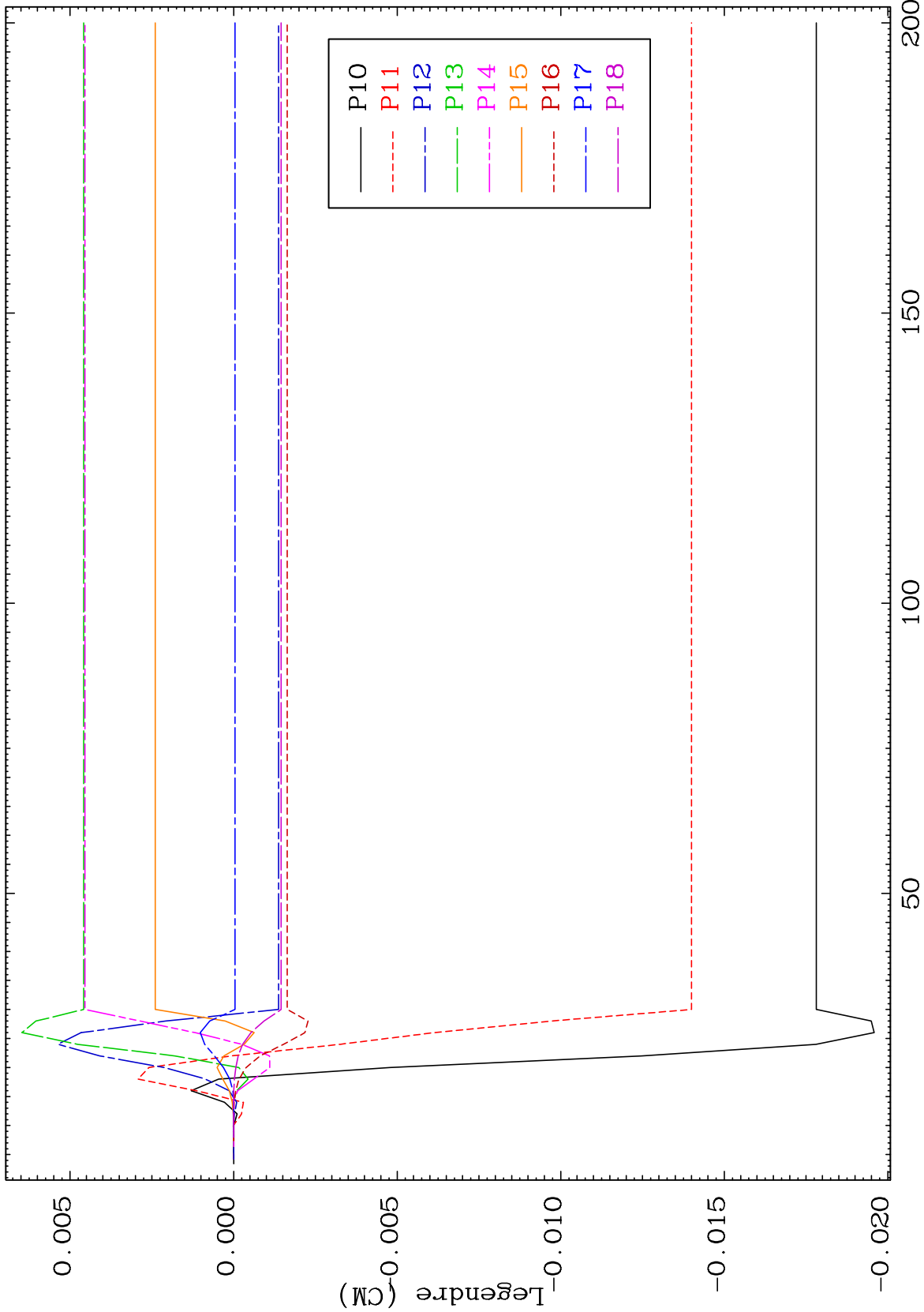
82-Pb-209



MAT 8240

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

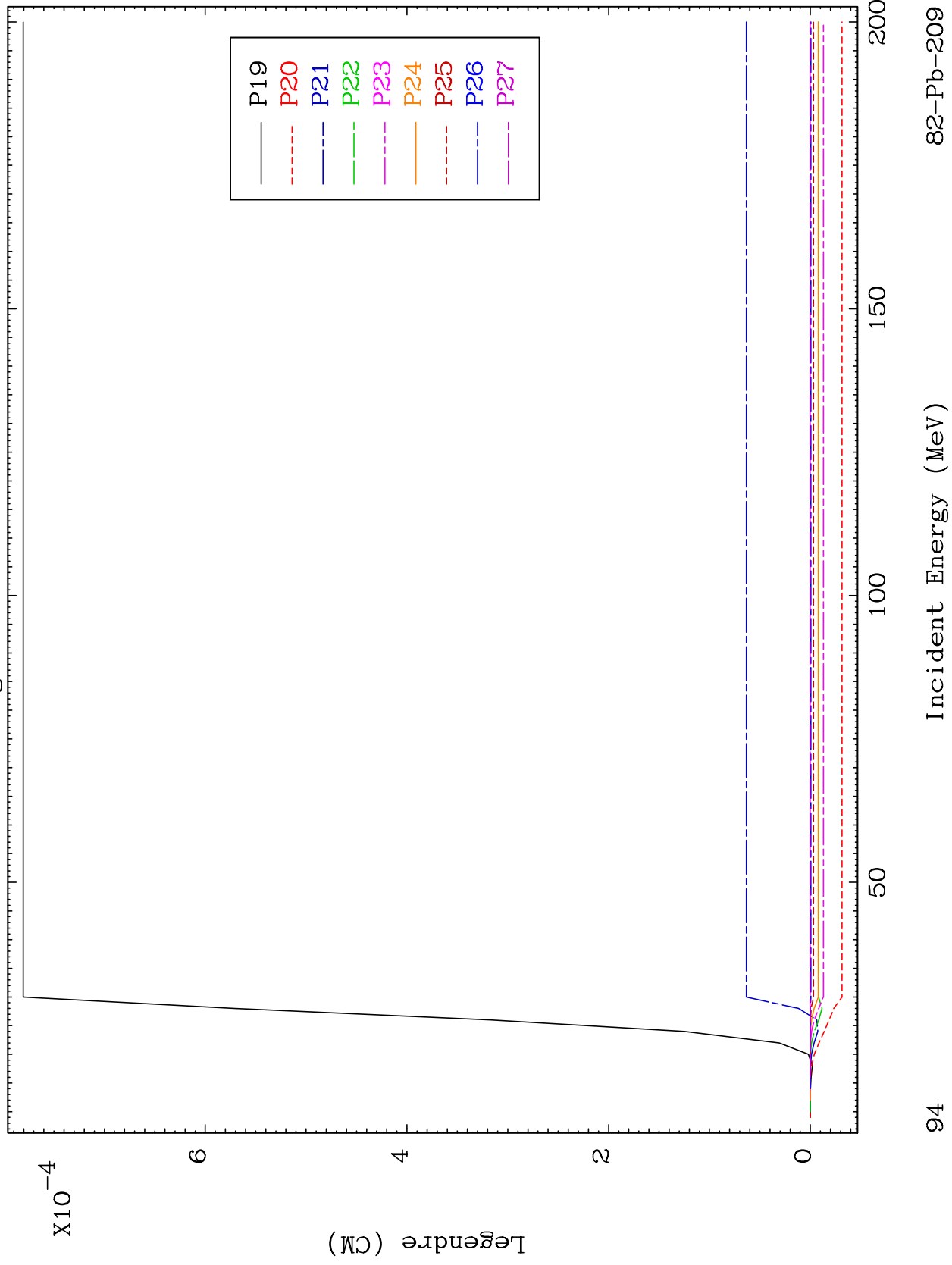
82-Pb-209



MAT 8240

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

82-Pb-209



94

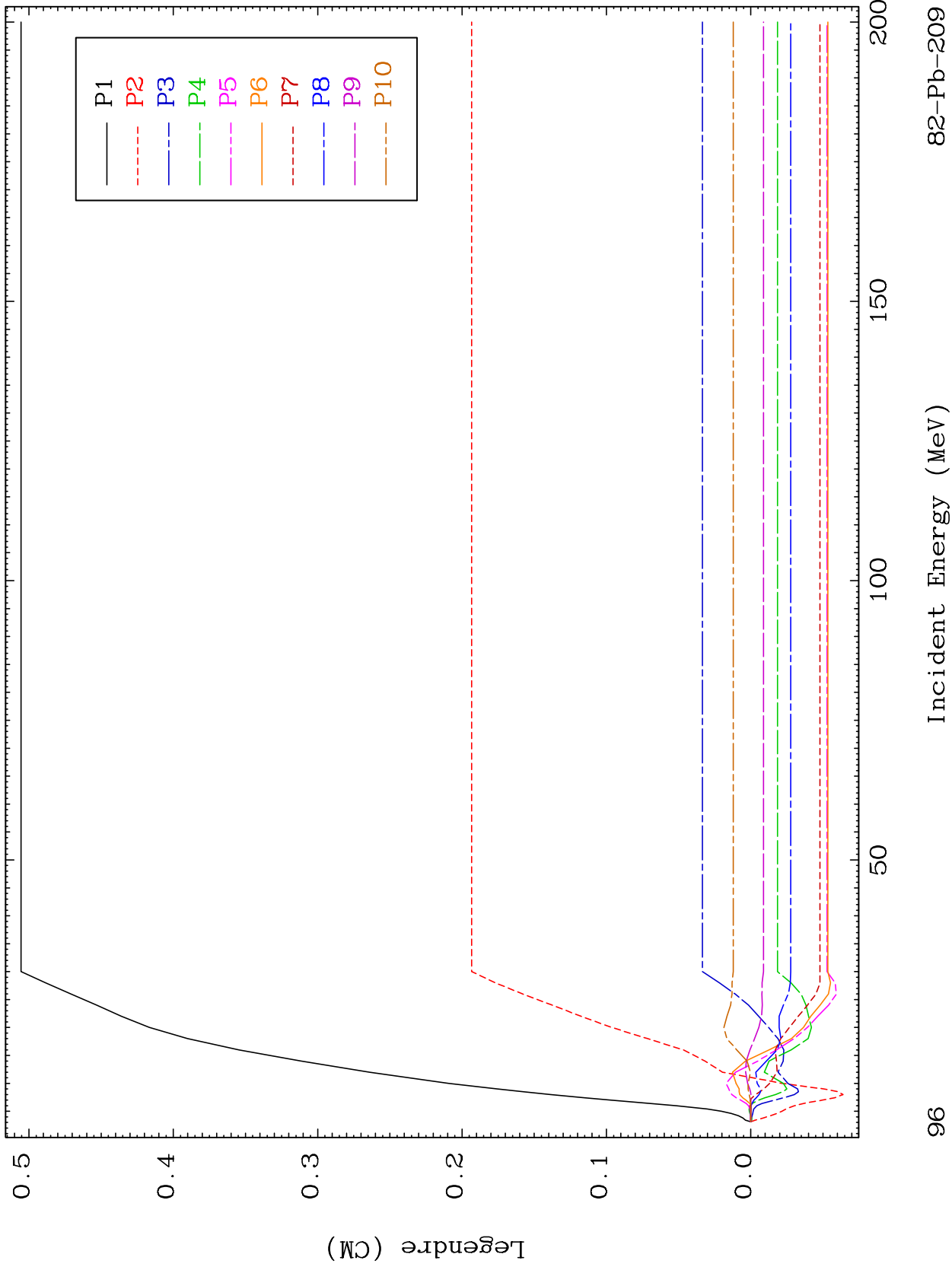
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

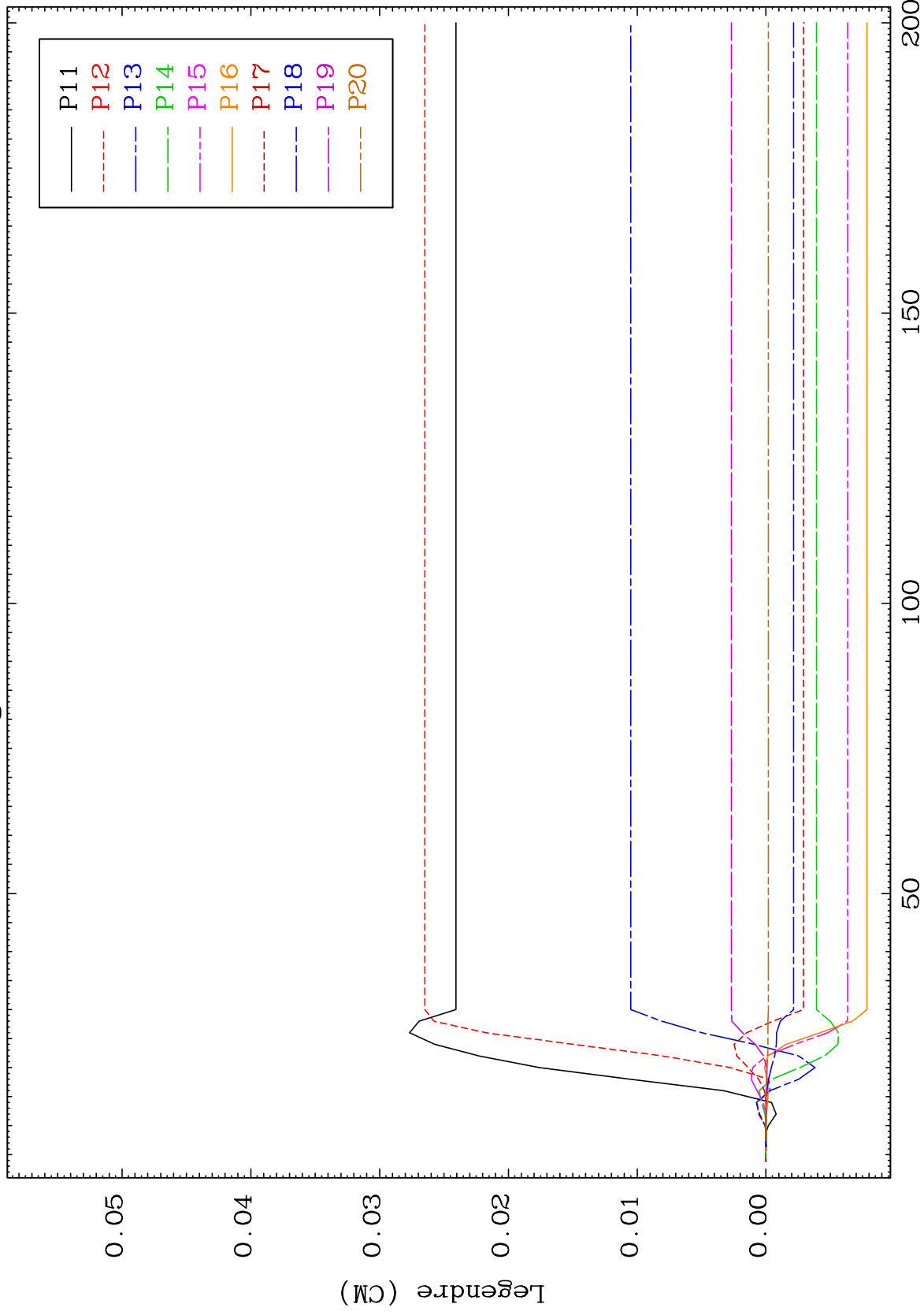
82-Pb-209



MAT 8240

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

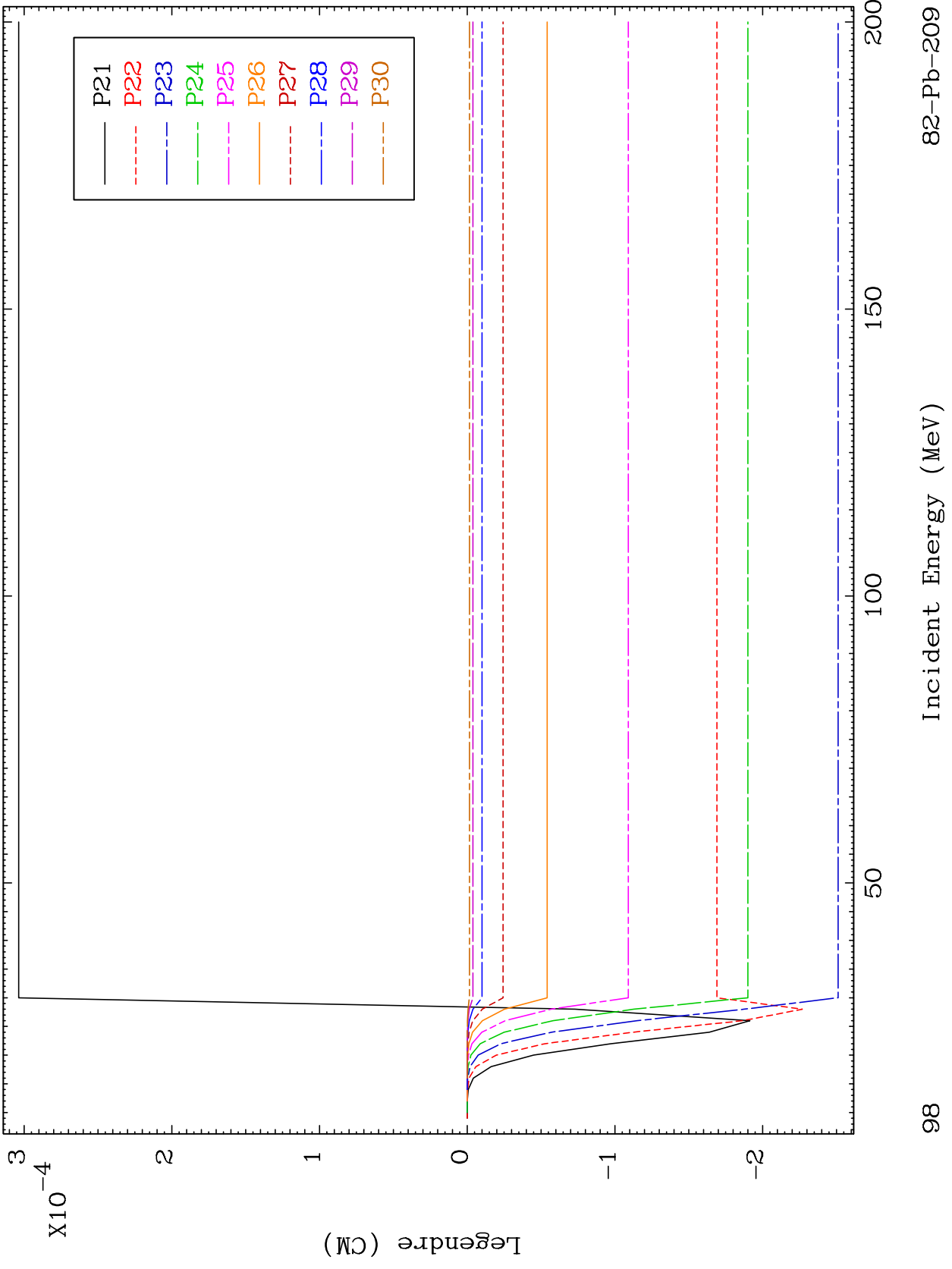
82-Pb-209

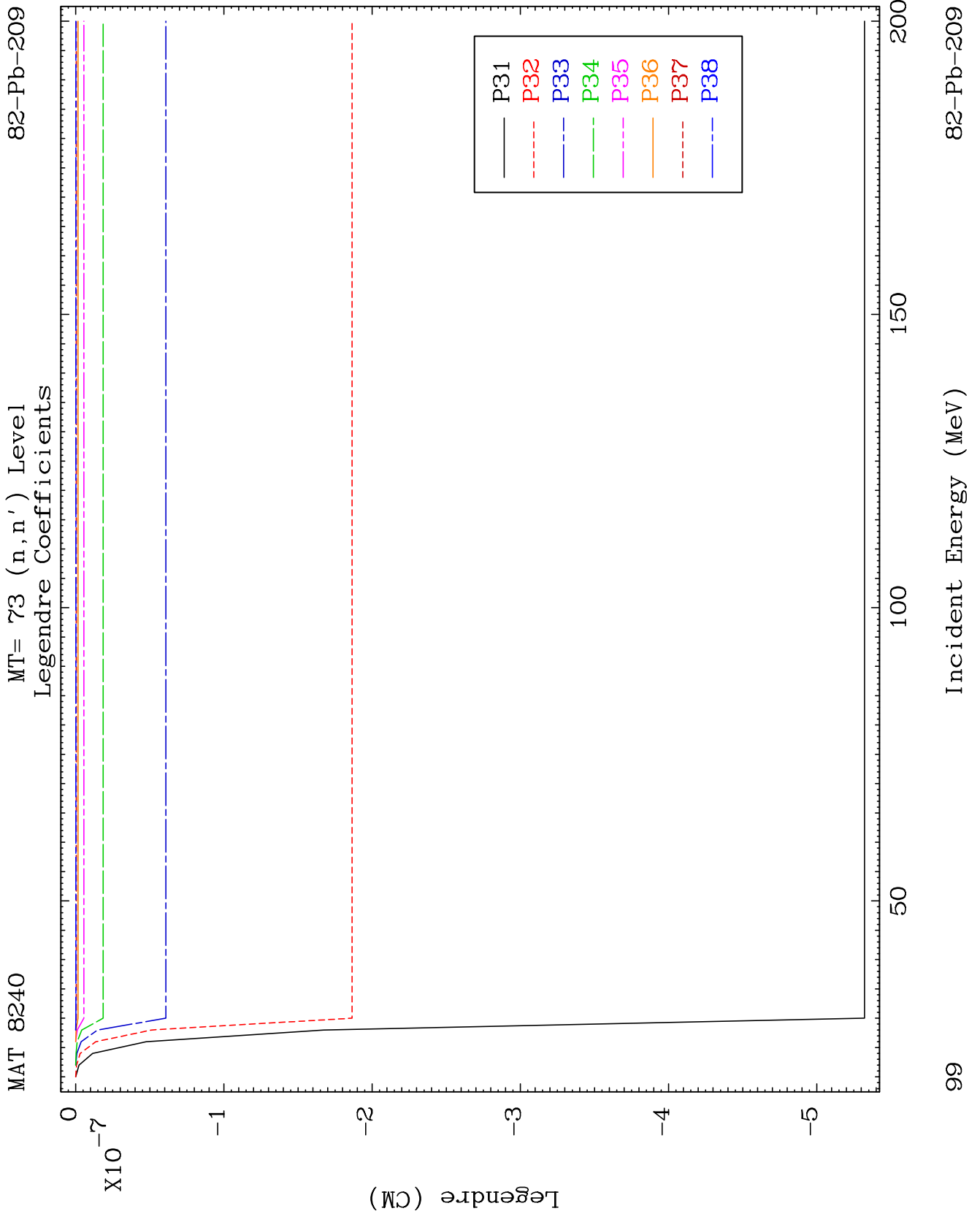


MAT 8240

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

82-Pb-209

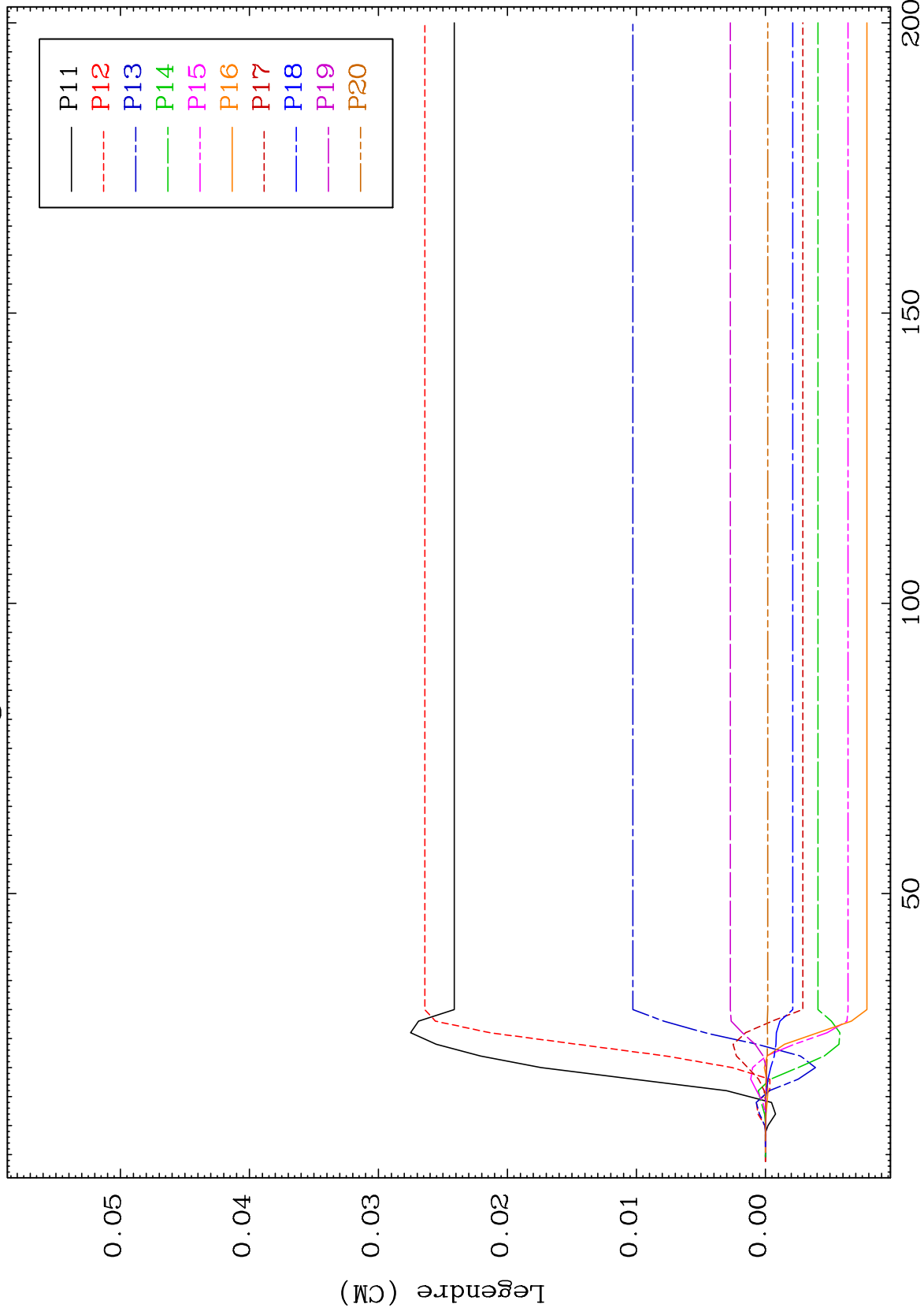




MAT 8240

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

82-Pb-209



101

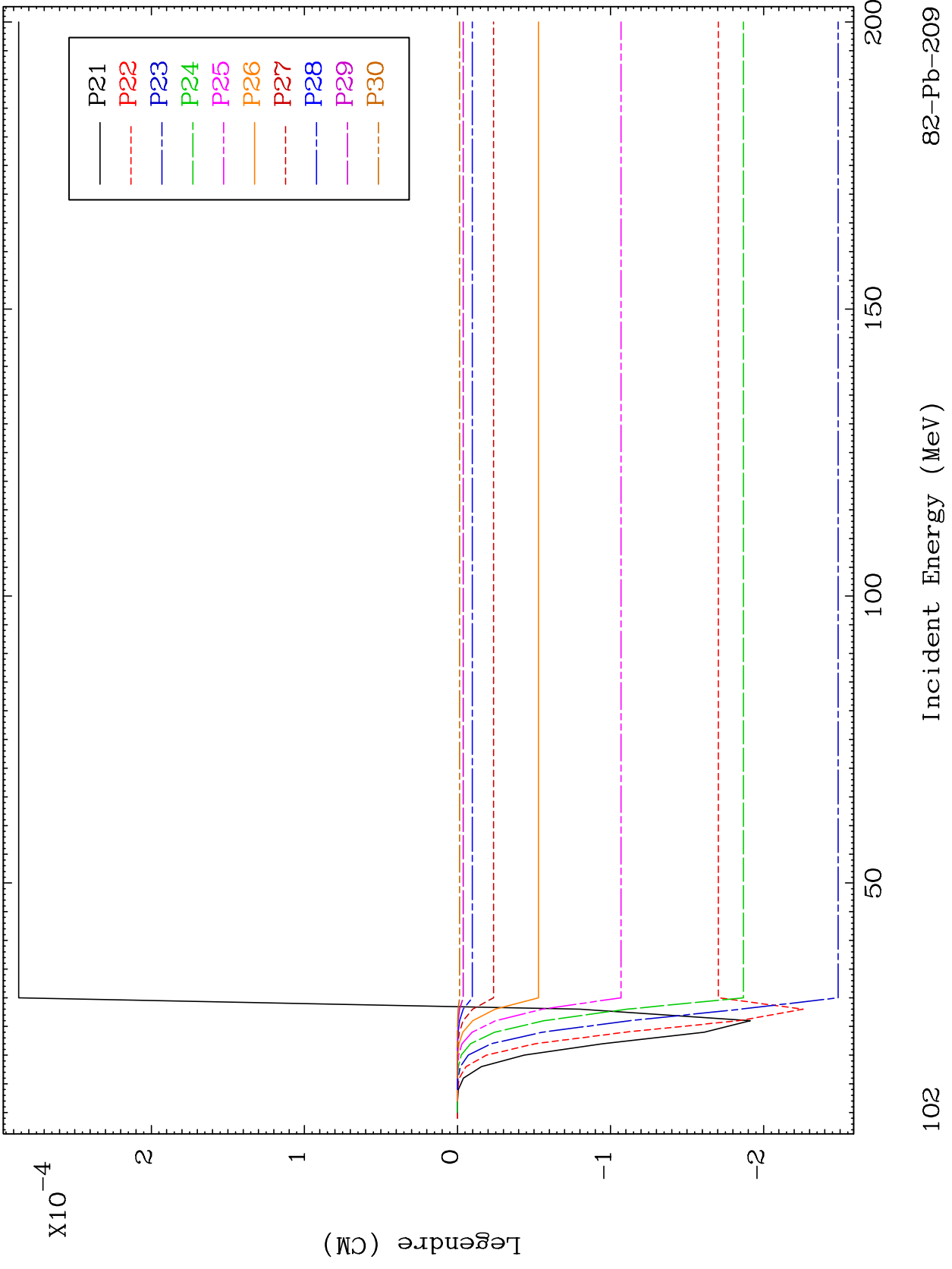
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

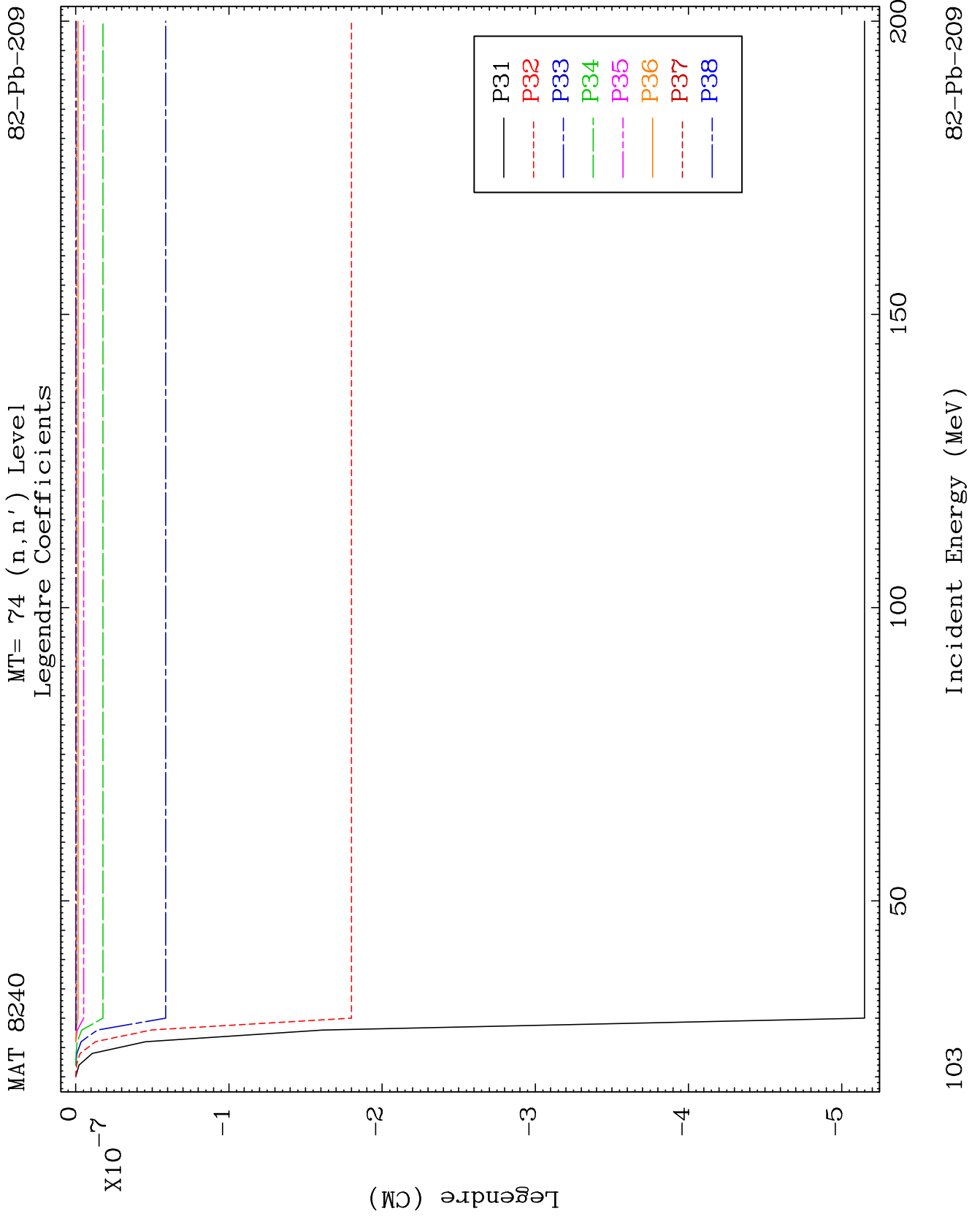
82-Pb-209



102

Incident Energy (MeV)

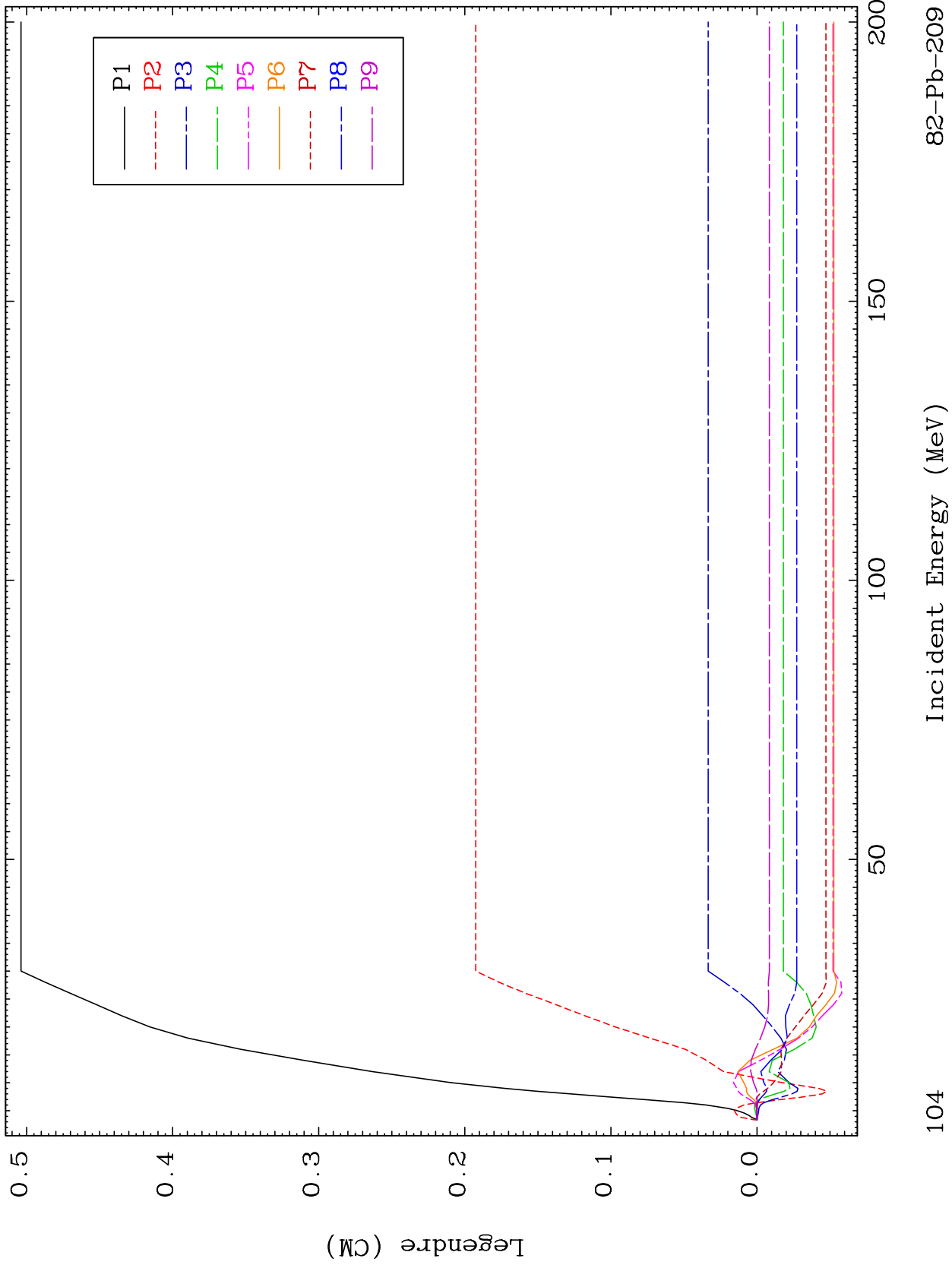
82-Pb-209



MAT 8240

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

82-Pb-209



104

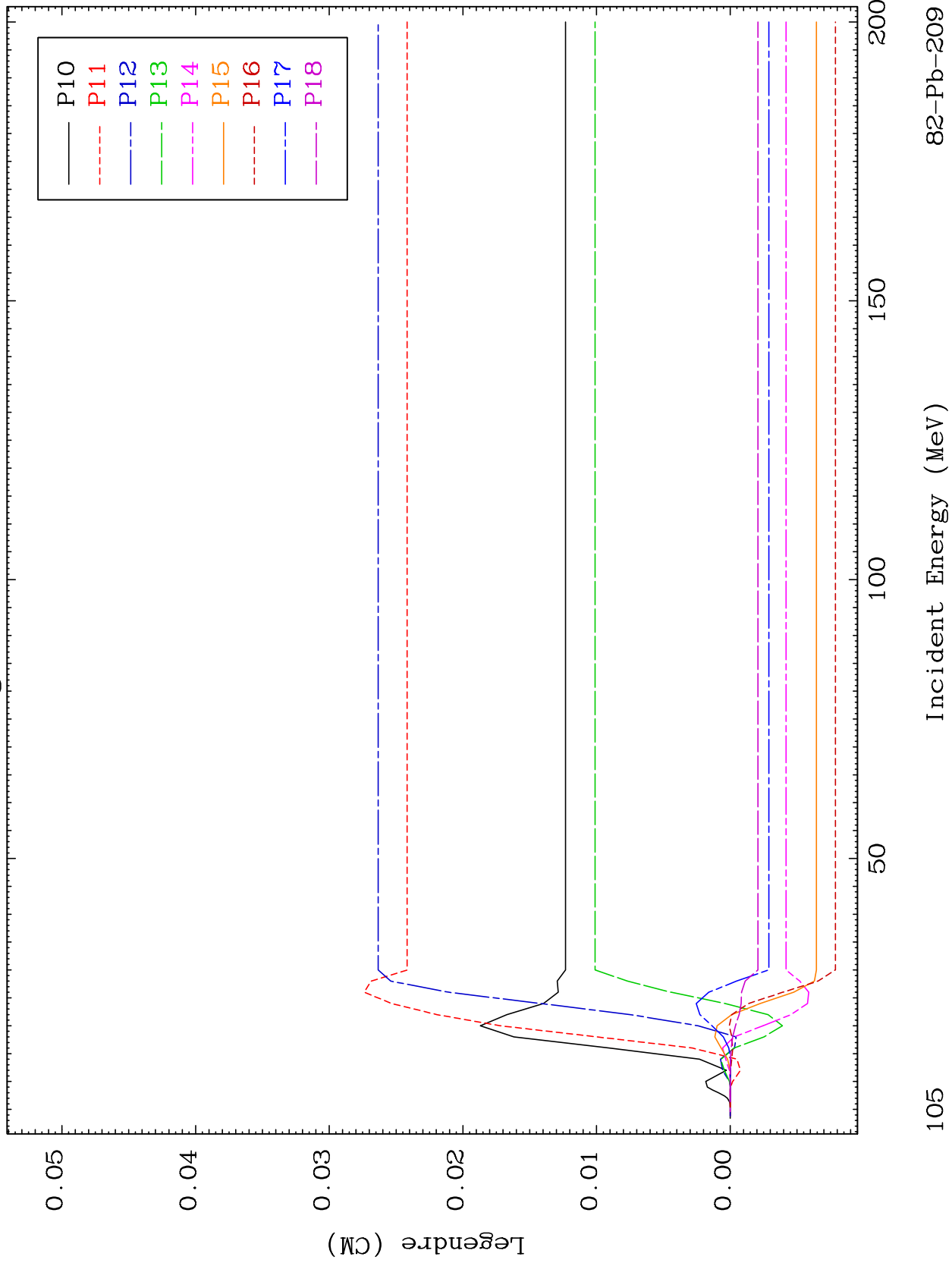
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



105

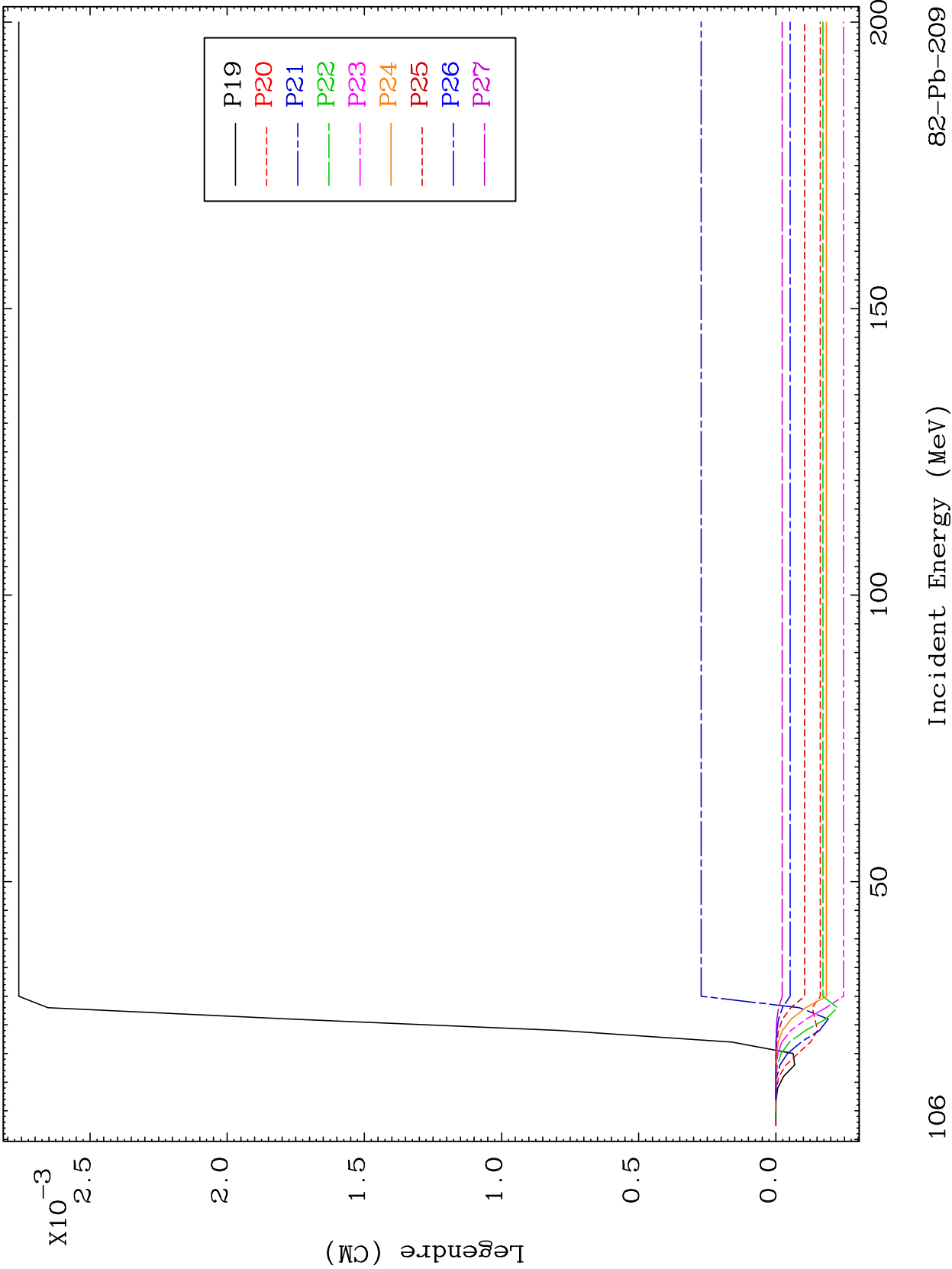
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

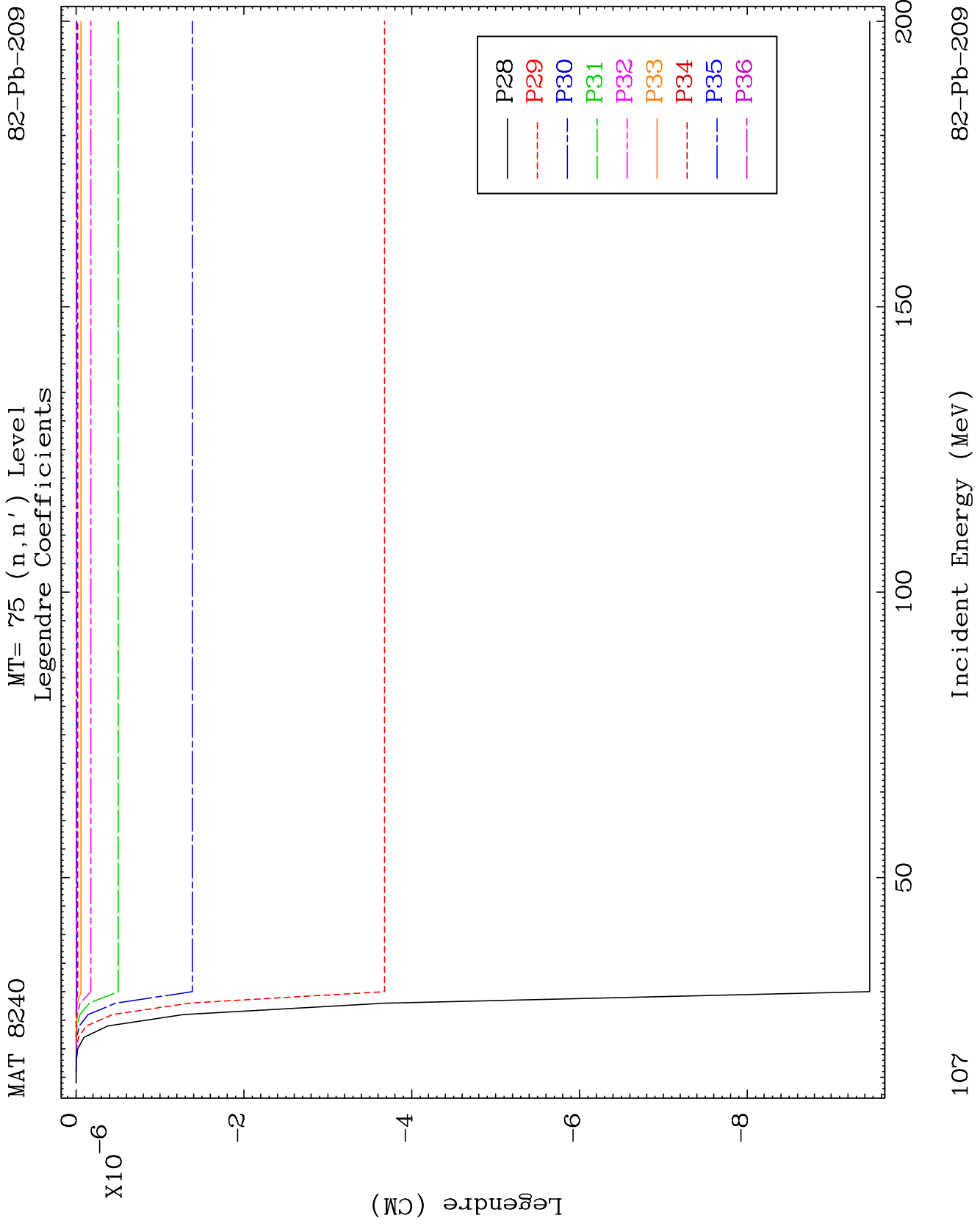
82-Pb-209



106

Incident Energy (MeV)

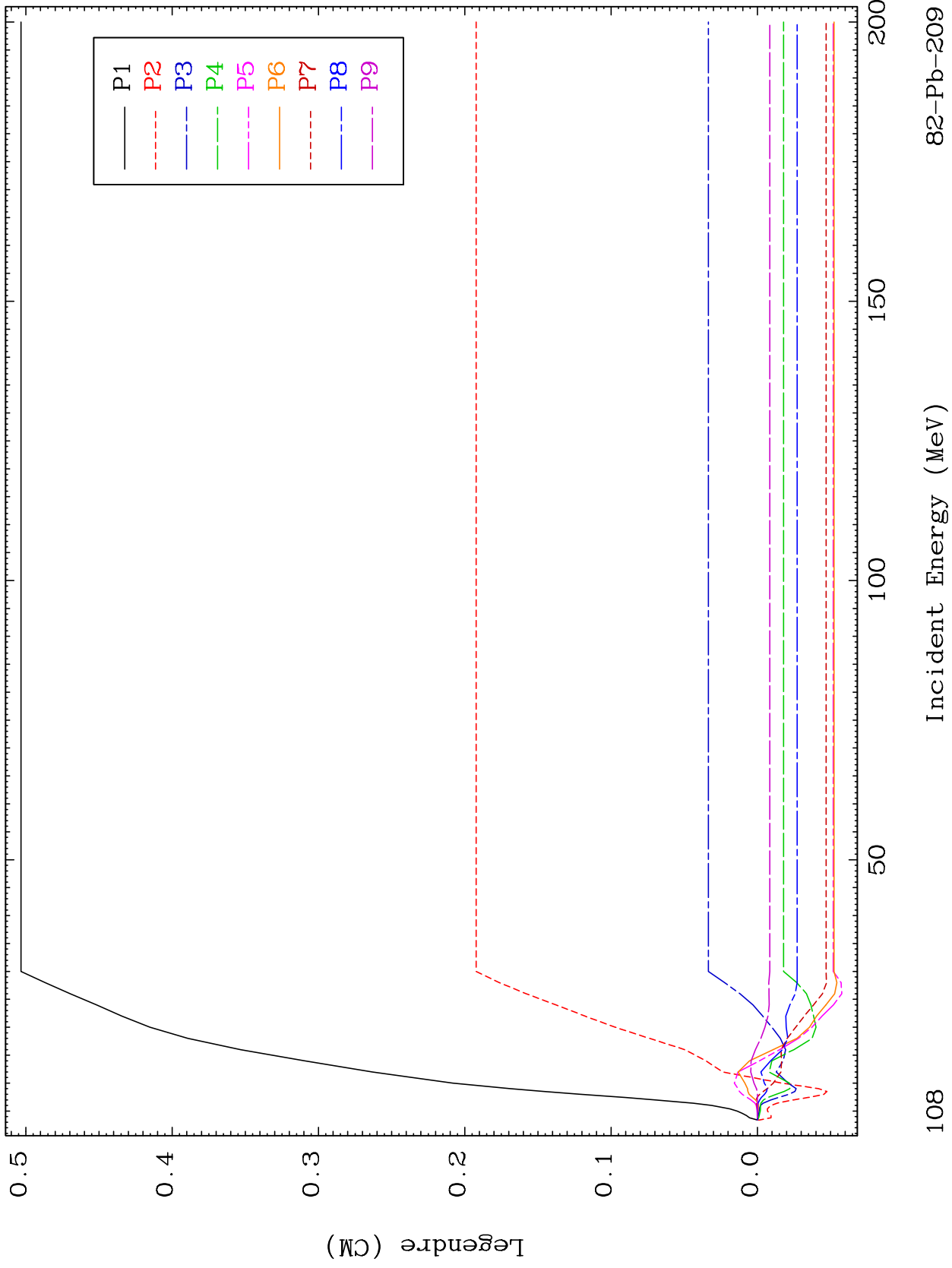
82-Pb-209



MAT 8240

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

82-Pb-209



108

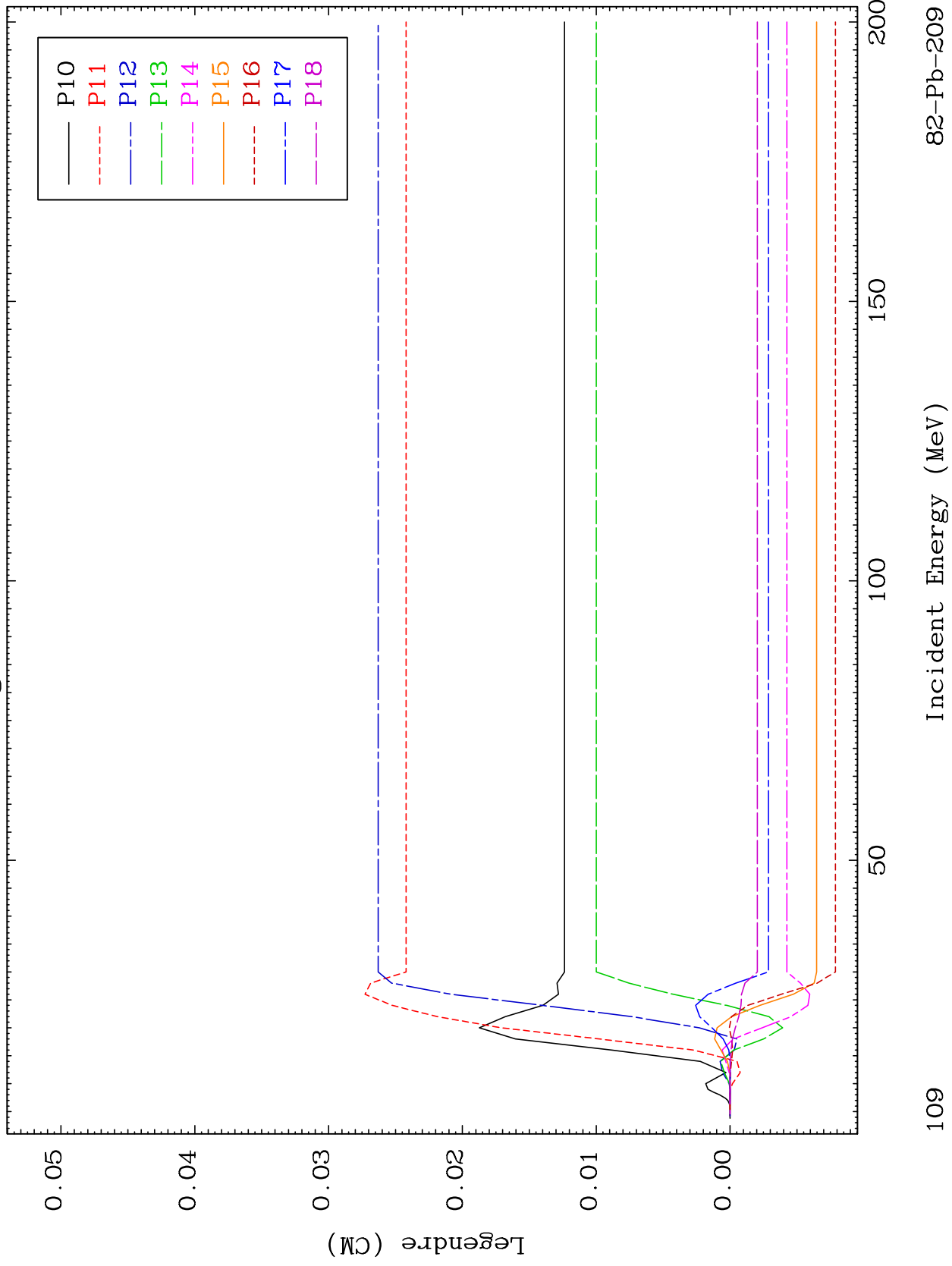
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



109

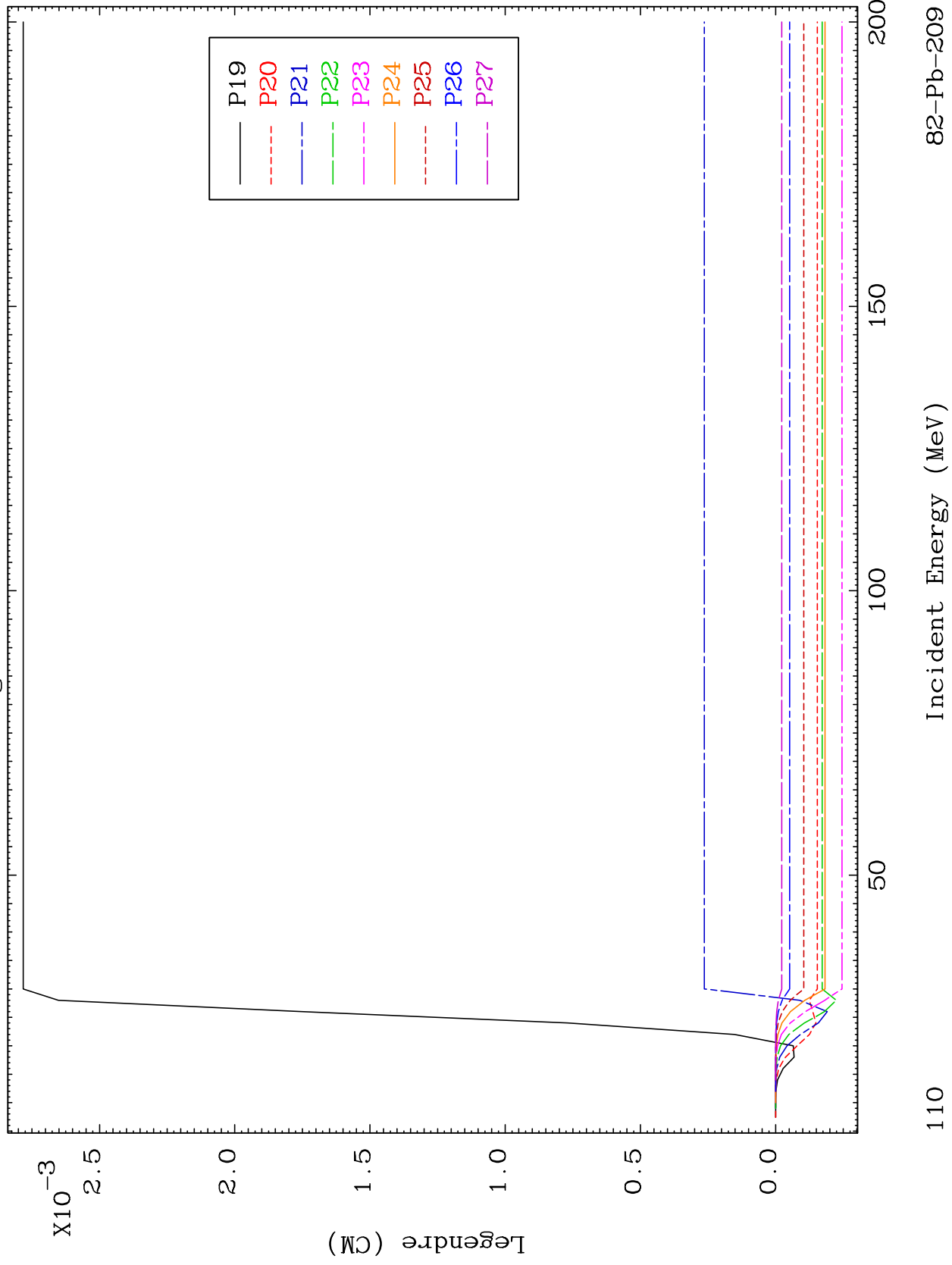
Incident Energy (MeV)

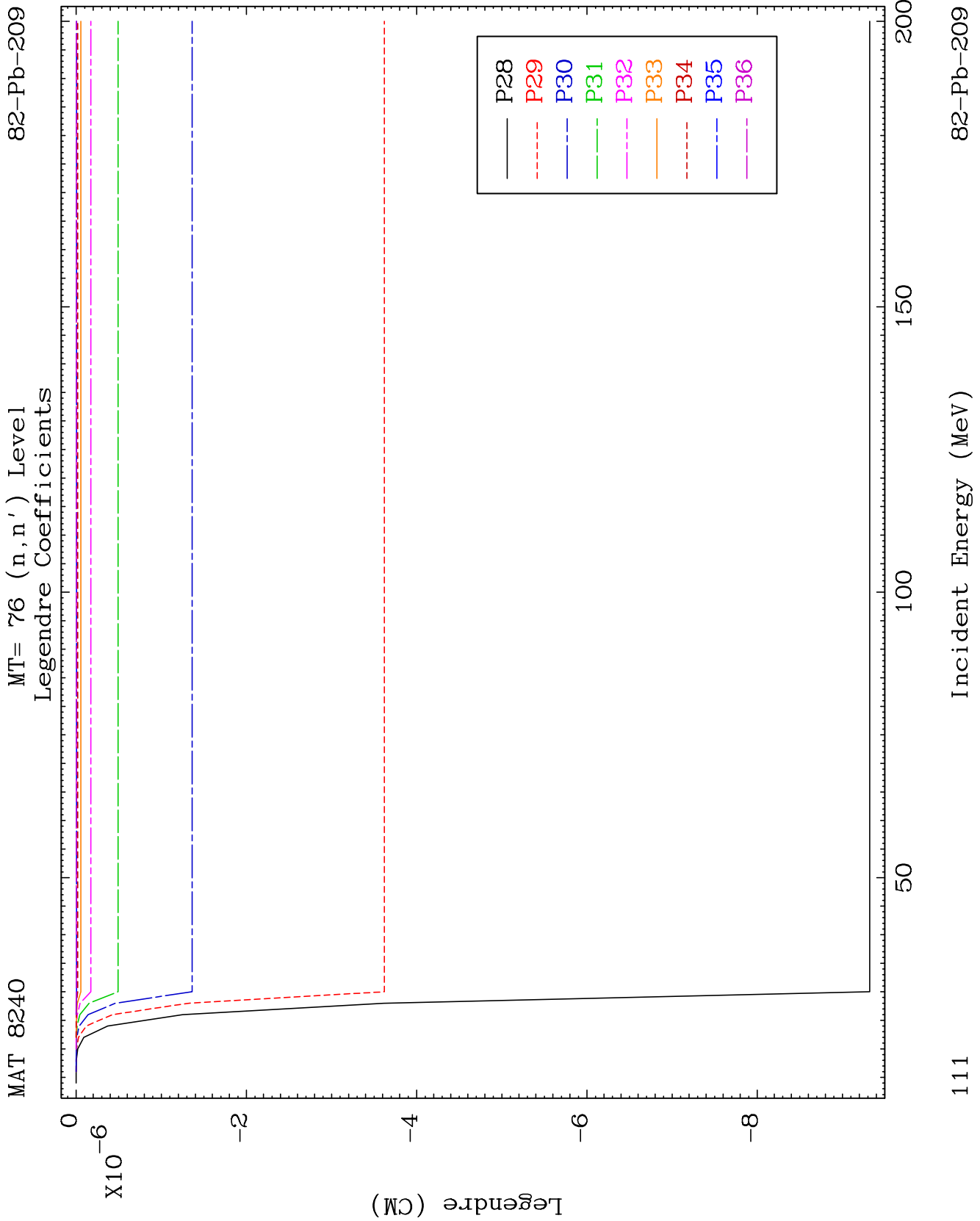
82-Pb-209

MAT 8240

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

82-Pb-209

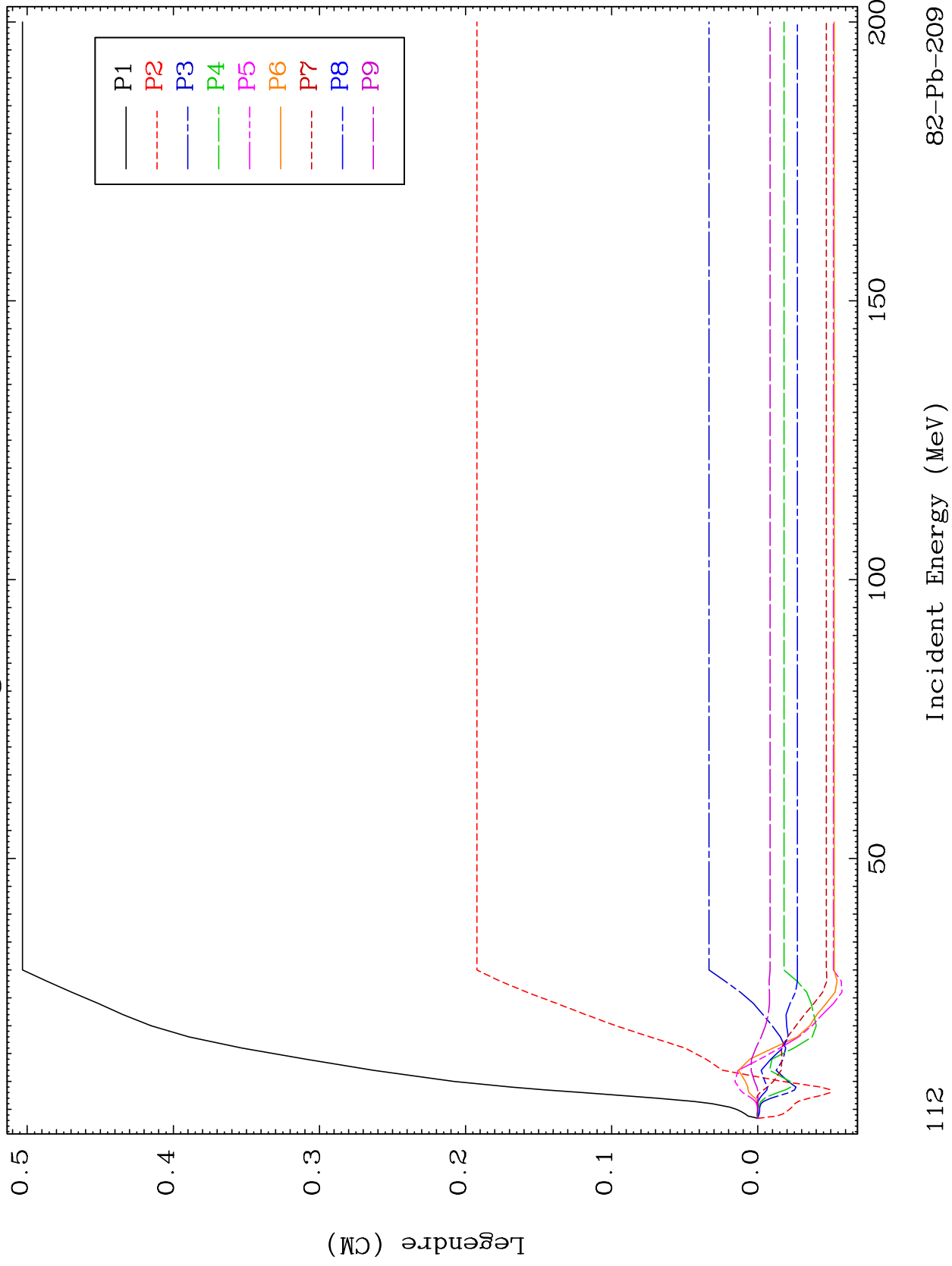




MAT 8240

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

82-Pb-209



112

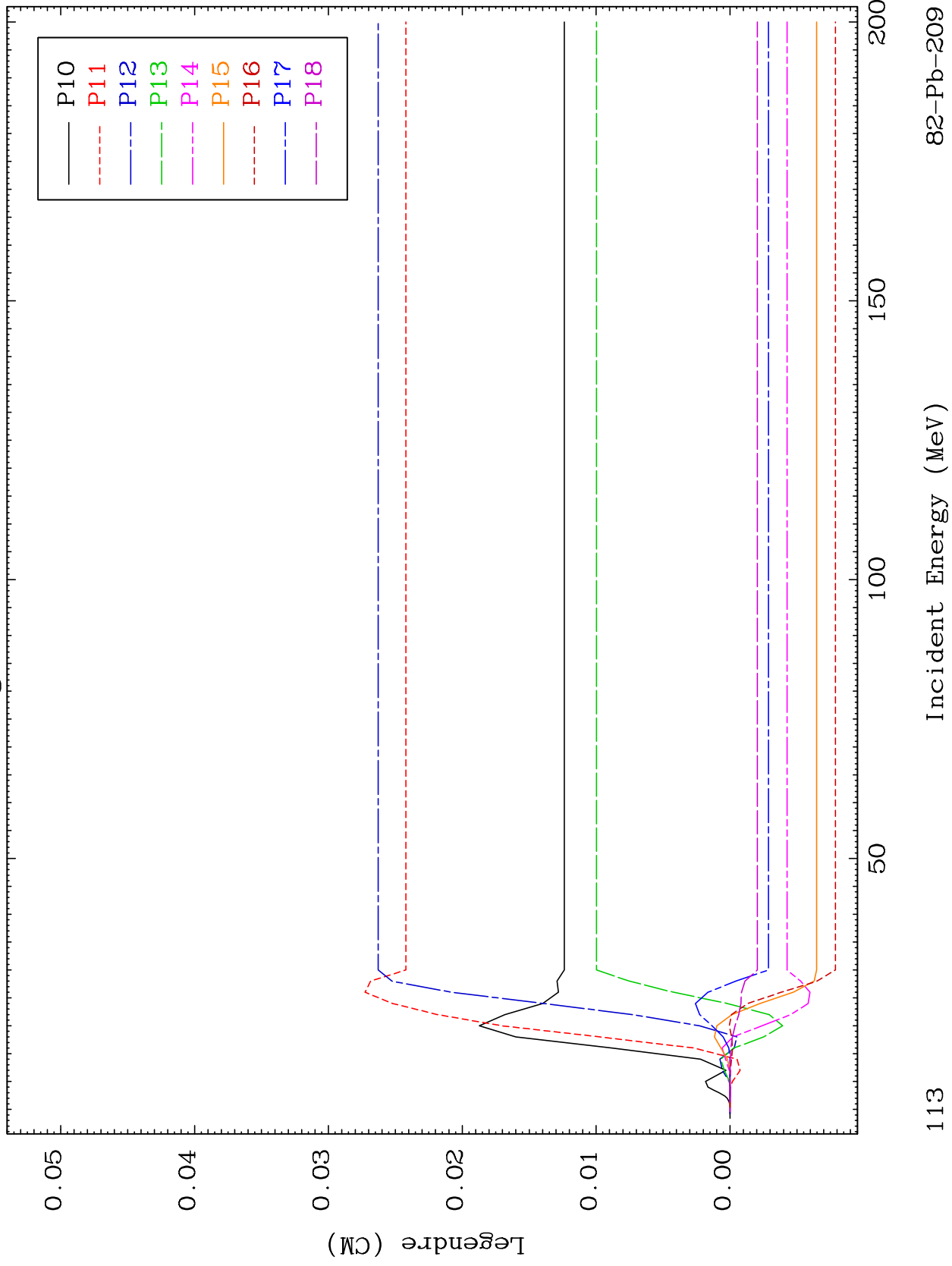
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



113

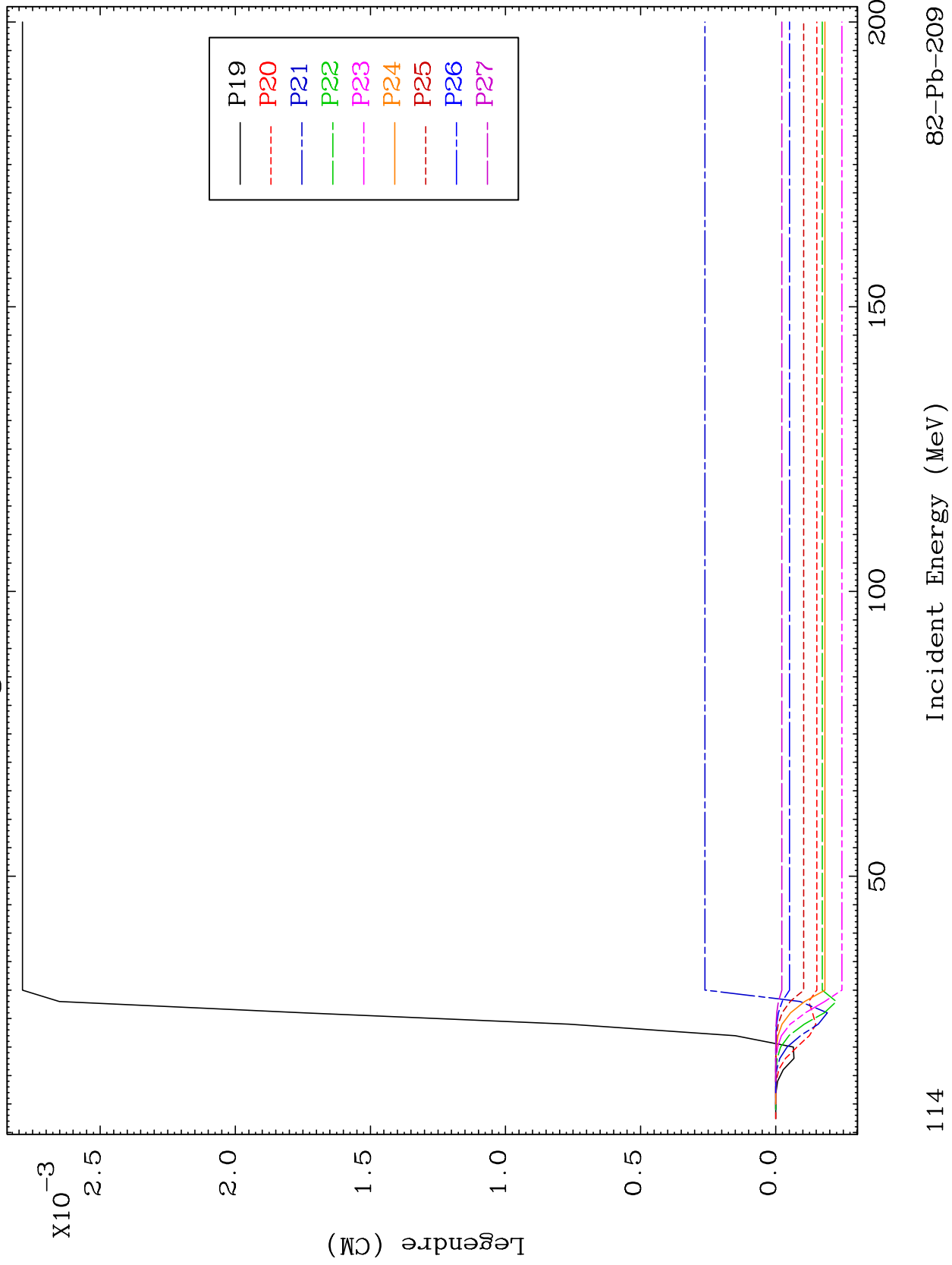
Incident Energy (MeV)

82-Pb-209

MAT 8240

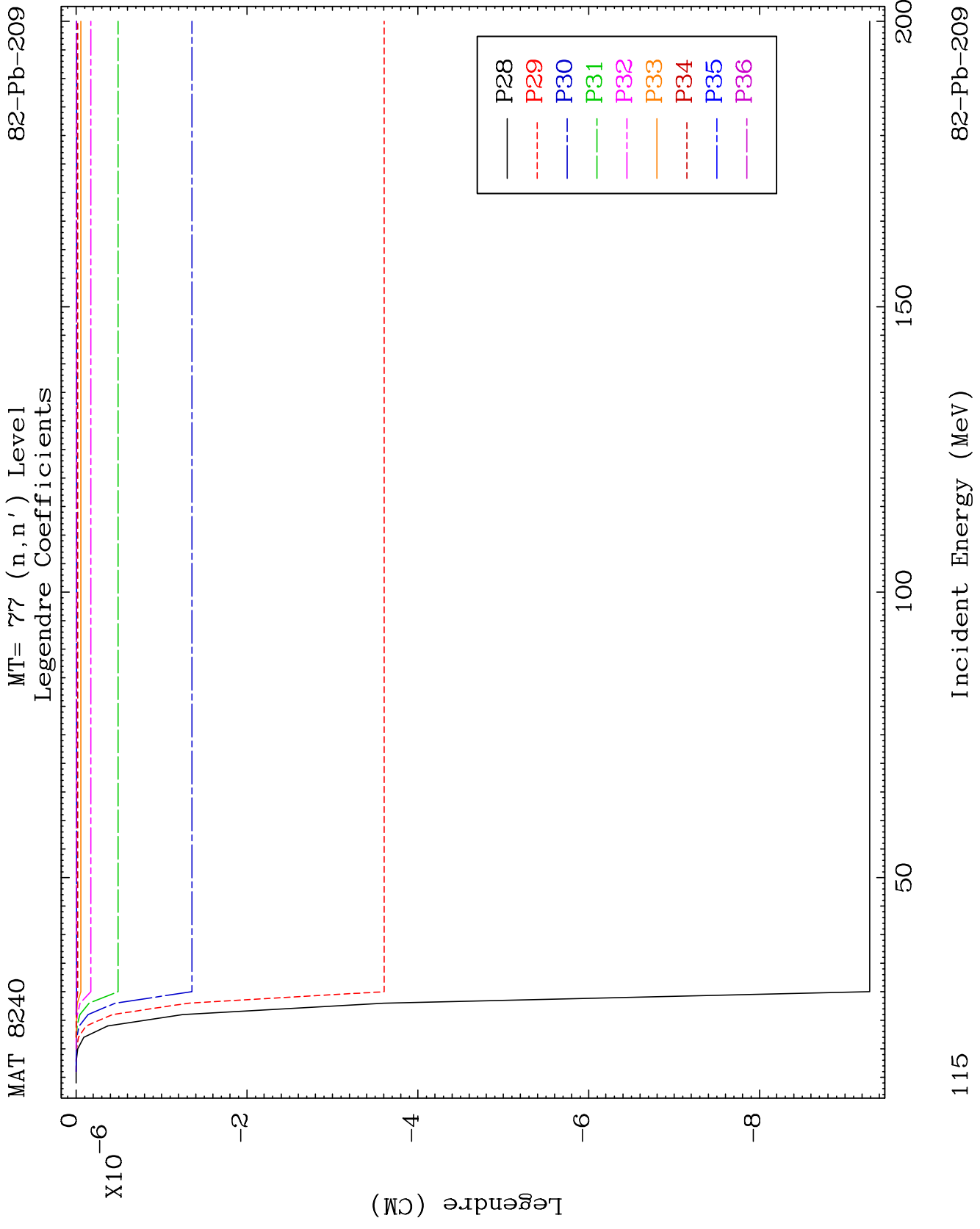
MT= 77 (n,n') Level
Legendre Coefficients

82-Pb-209



114

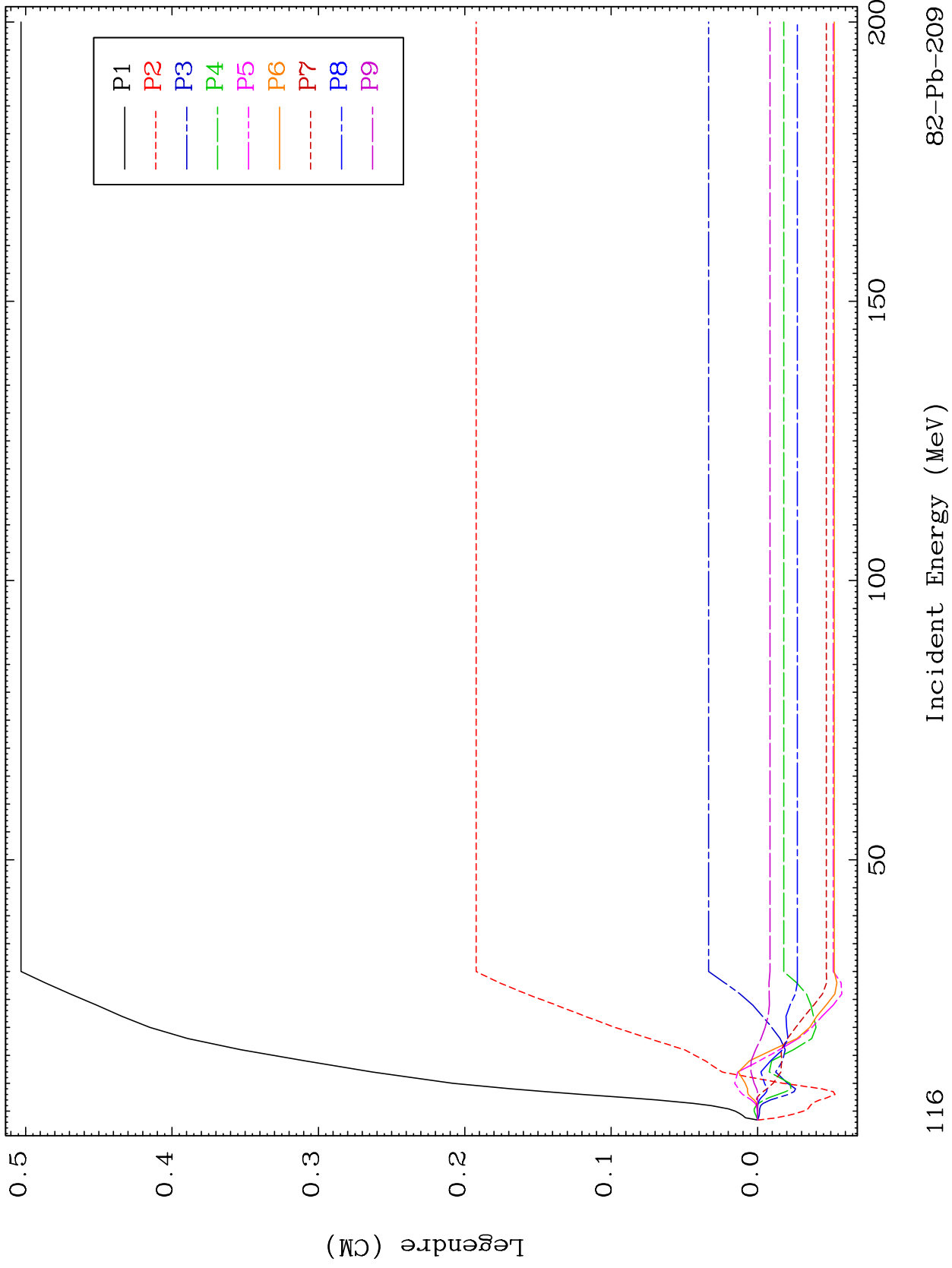
82-Pb-209



MAT 8240

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

82-Pb-209



116

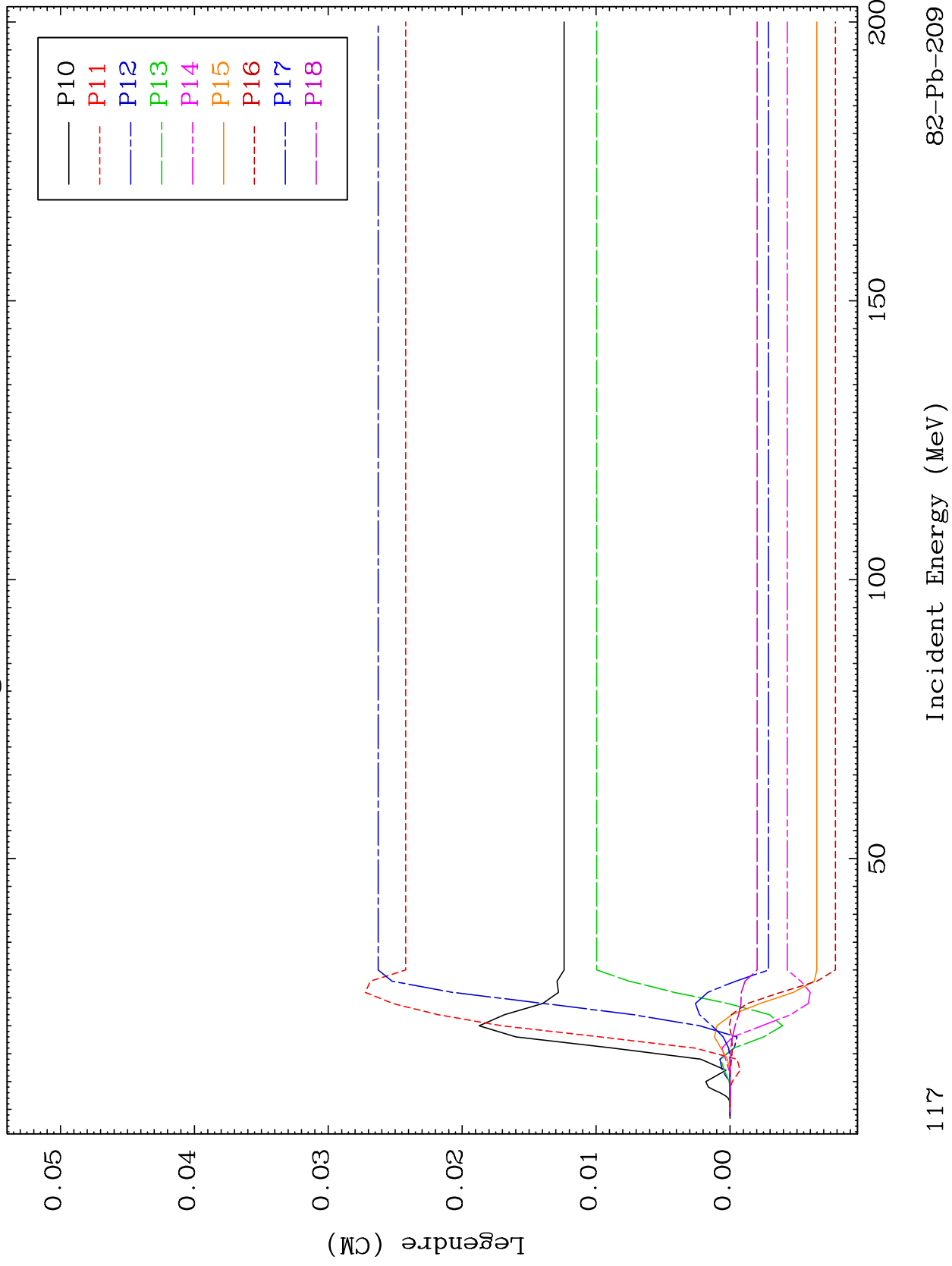
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



117

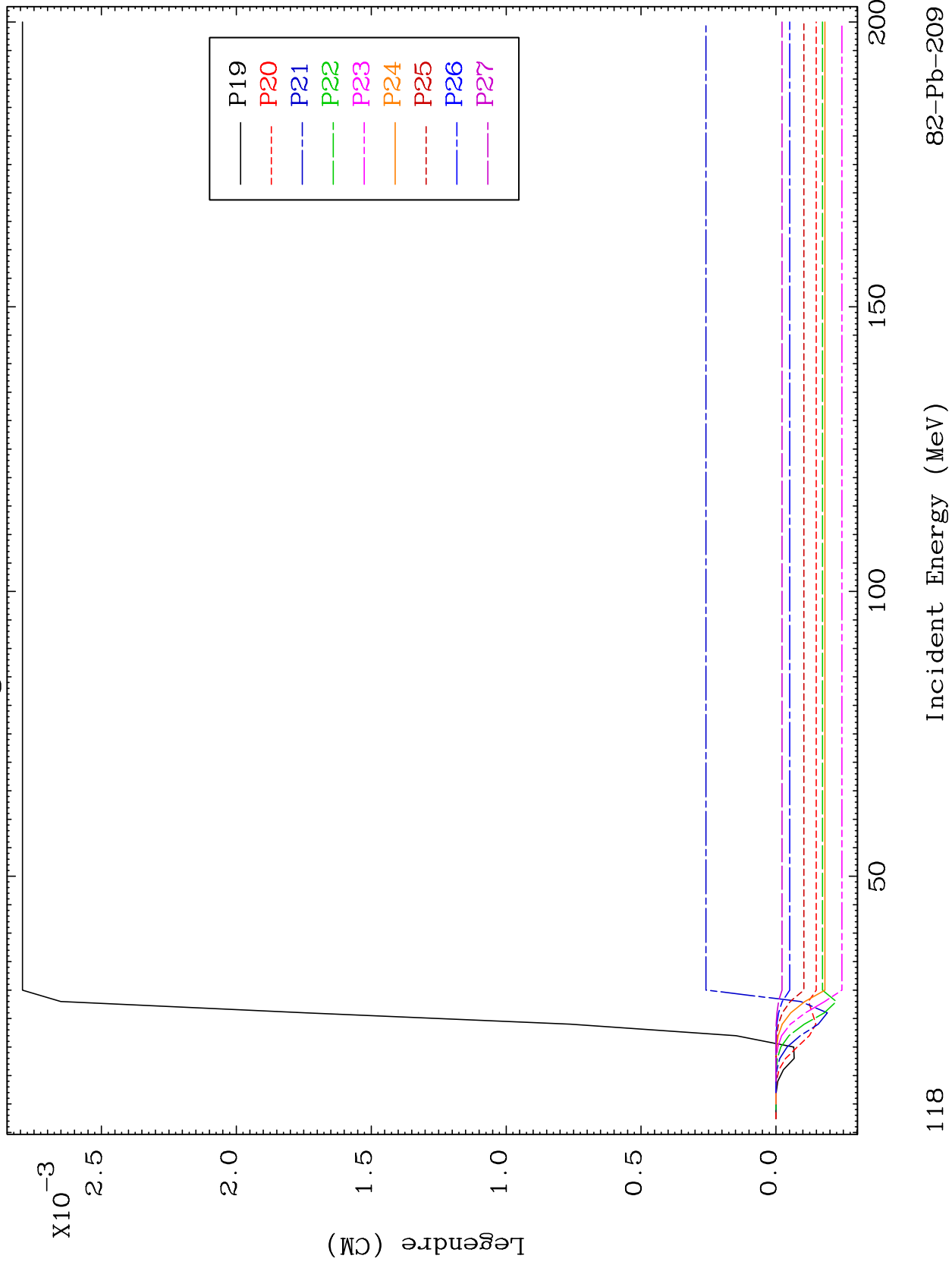
Incident Energy (MeV)

82-Pb-209

MAT 8240

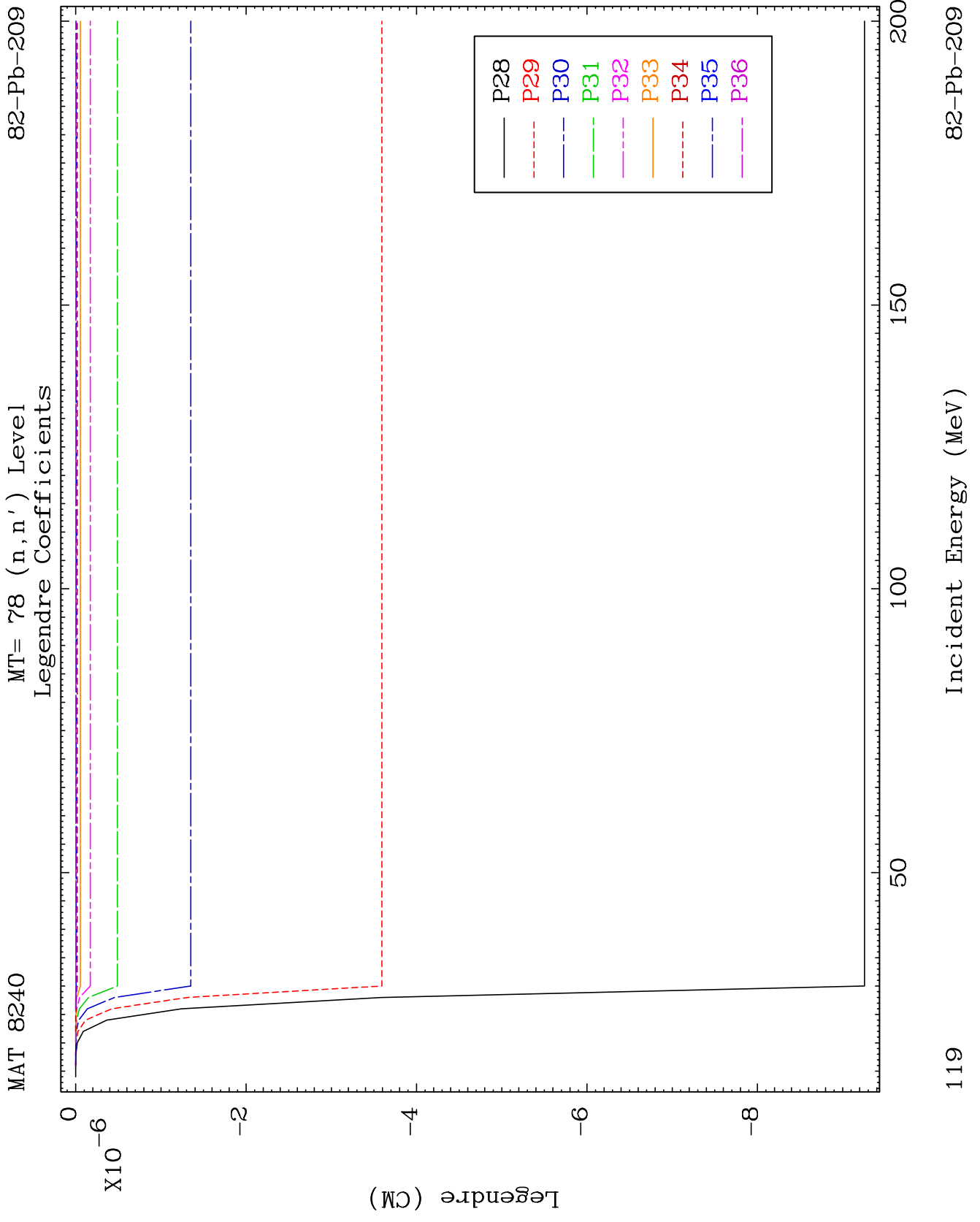
MT= 78 (n,n') Level
Legendre Coefficients

82-Pb-209



118

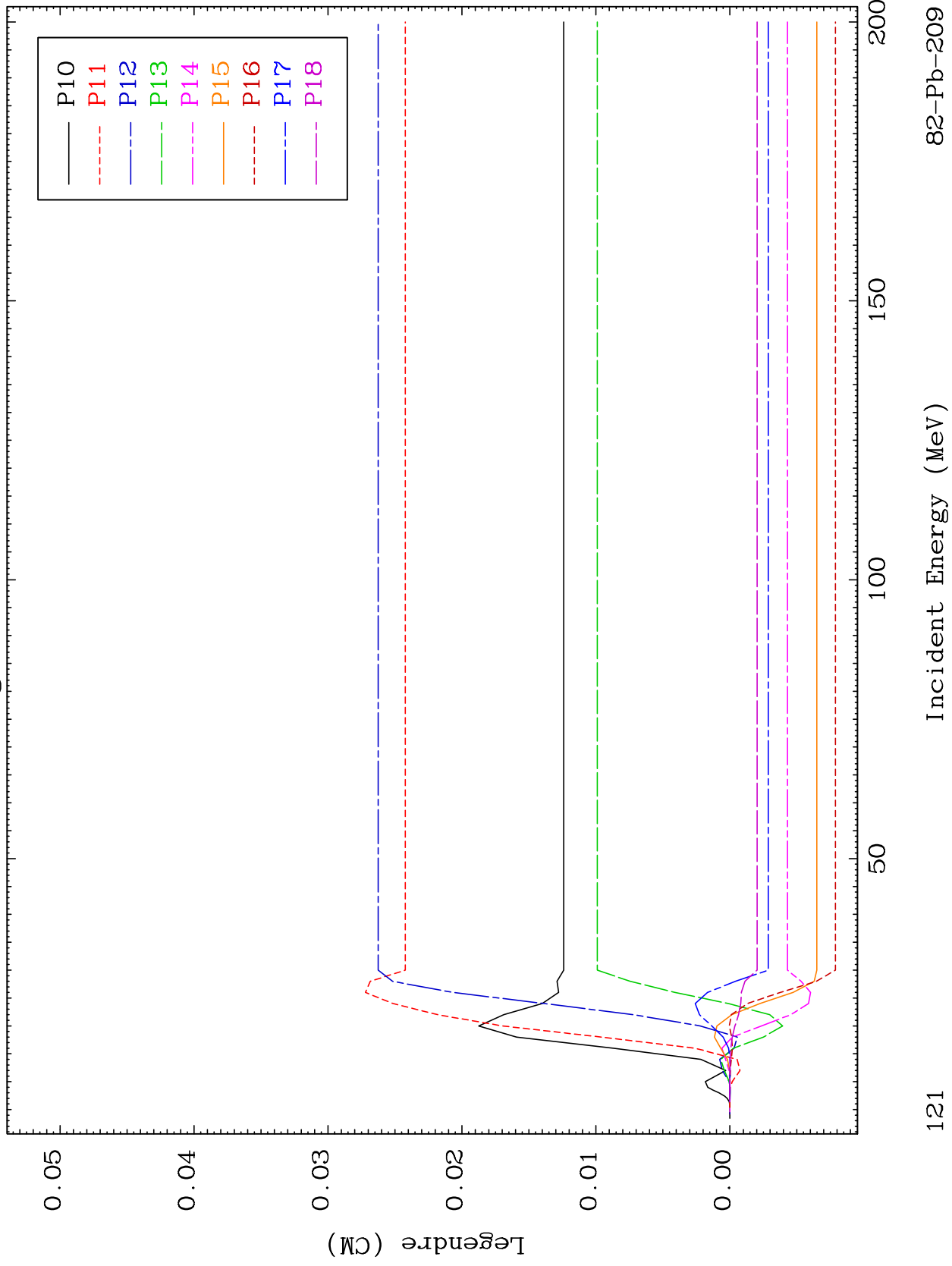
82-Pb-209



MAT 8240

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

82-Pb-209



121

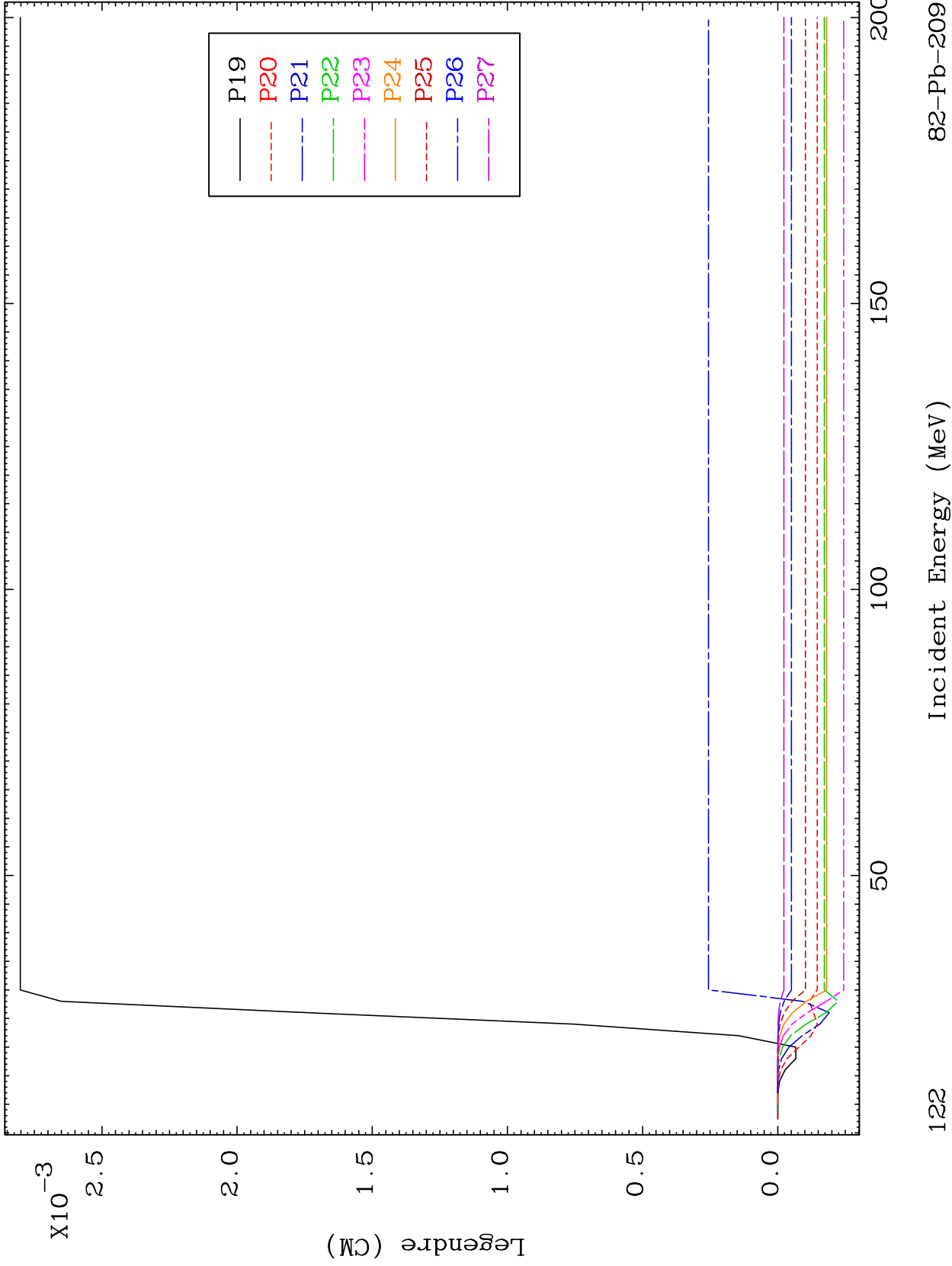
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

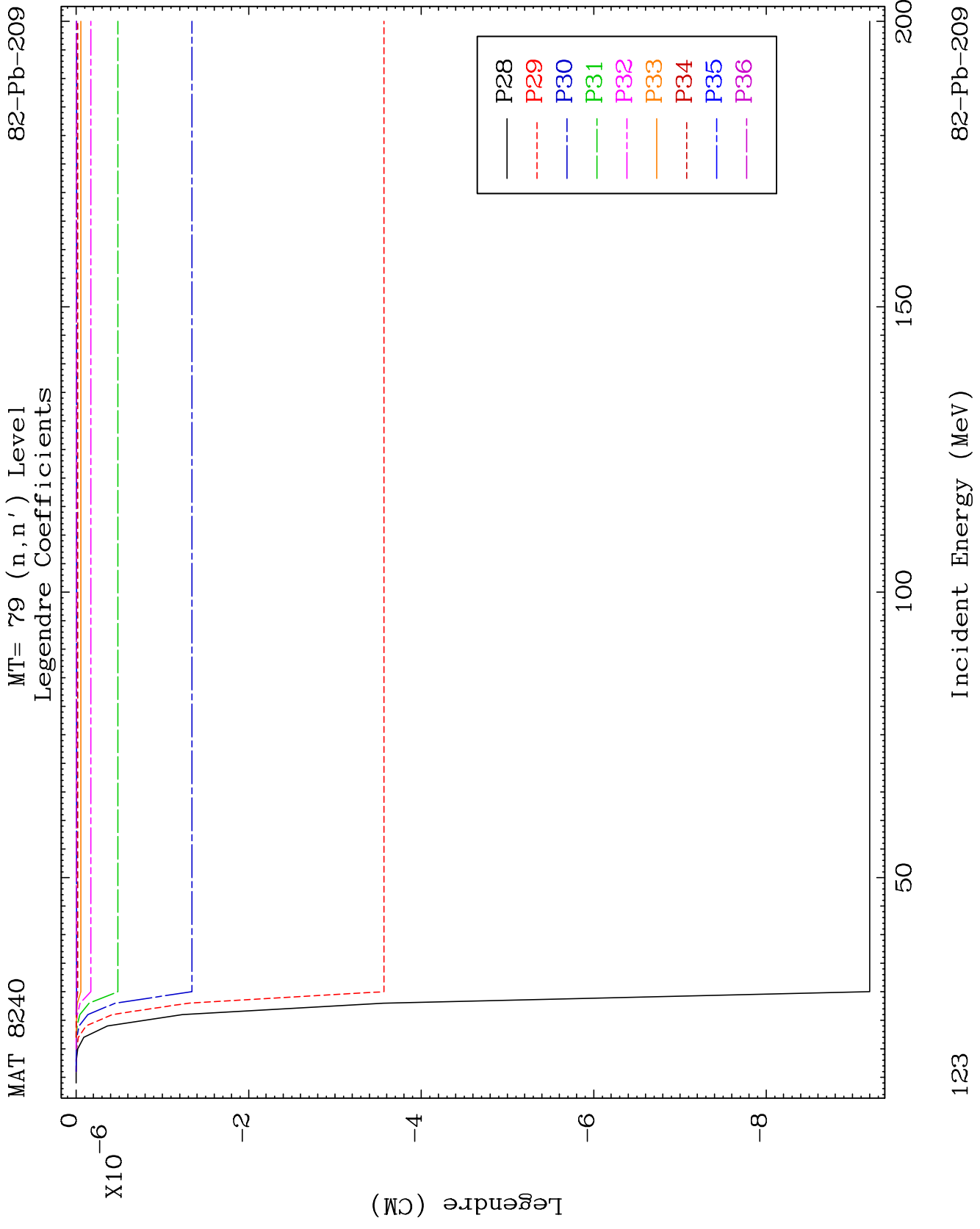
82-Pb-209

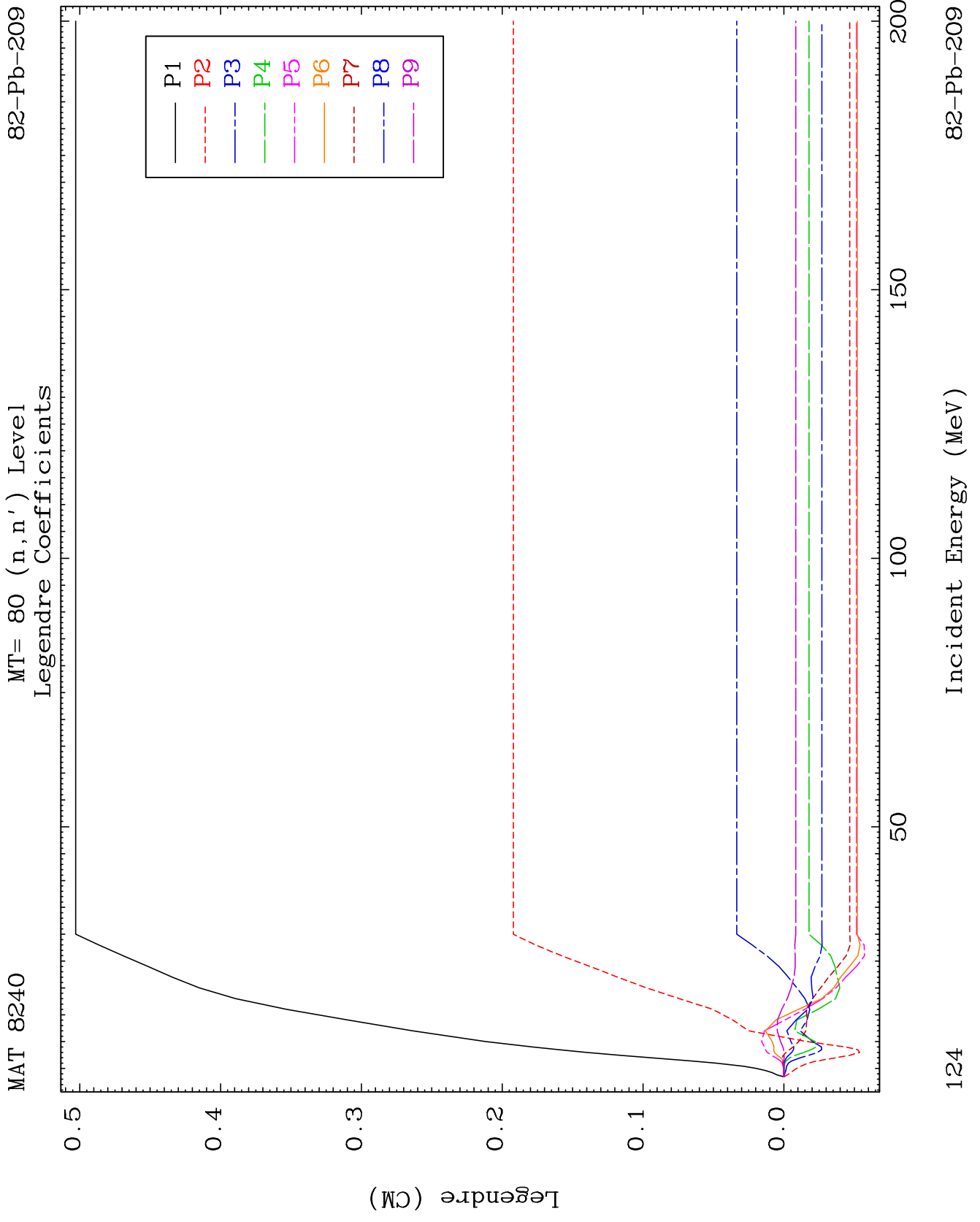


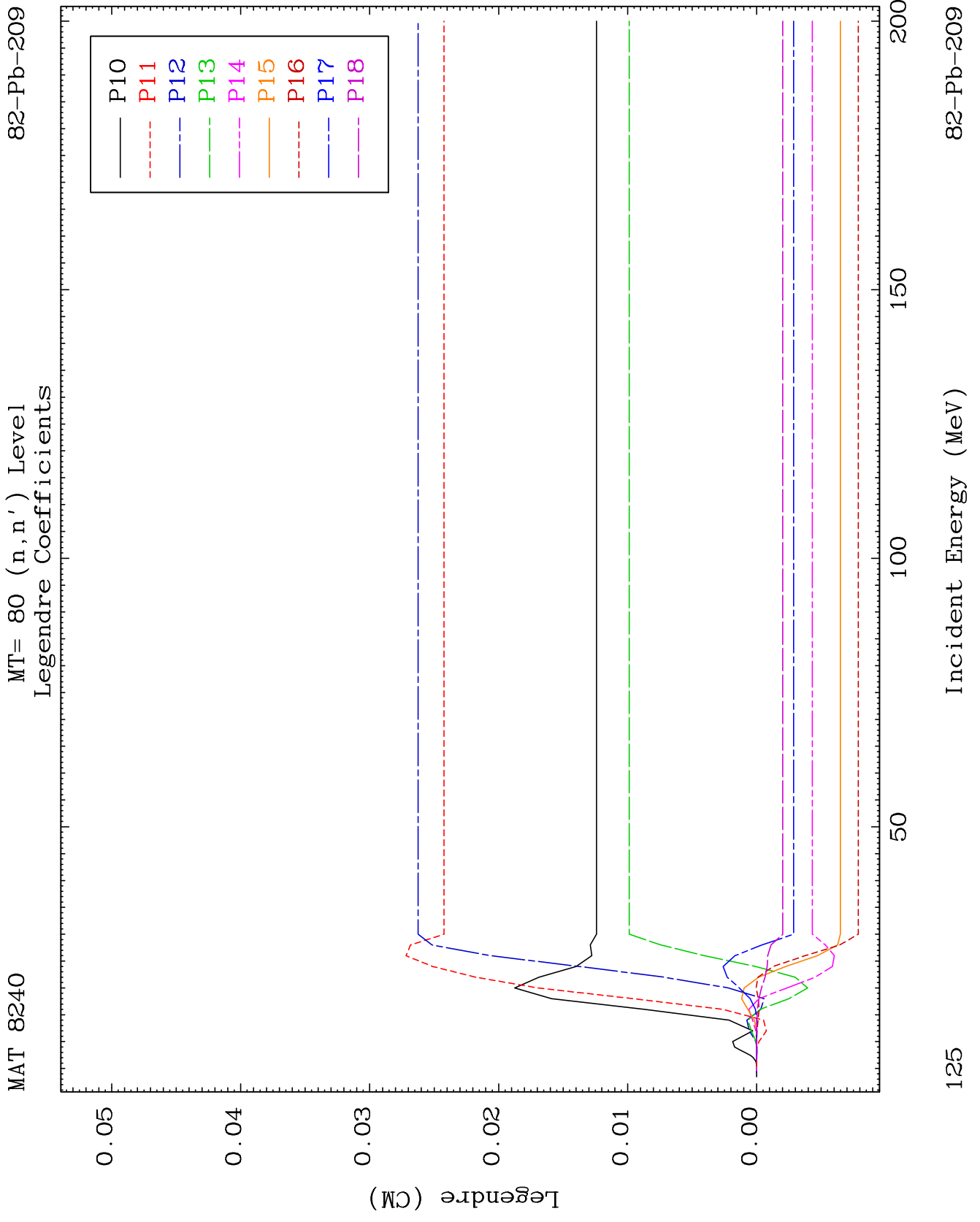
122

Incident Energy (MeV)

82-Pb-209



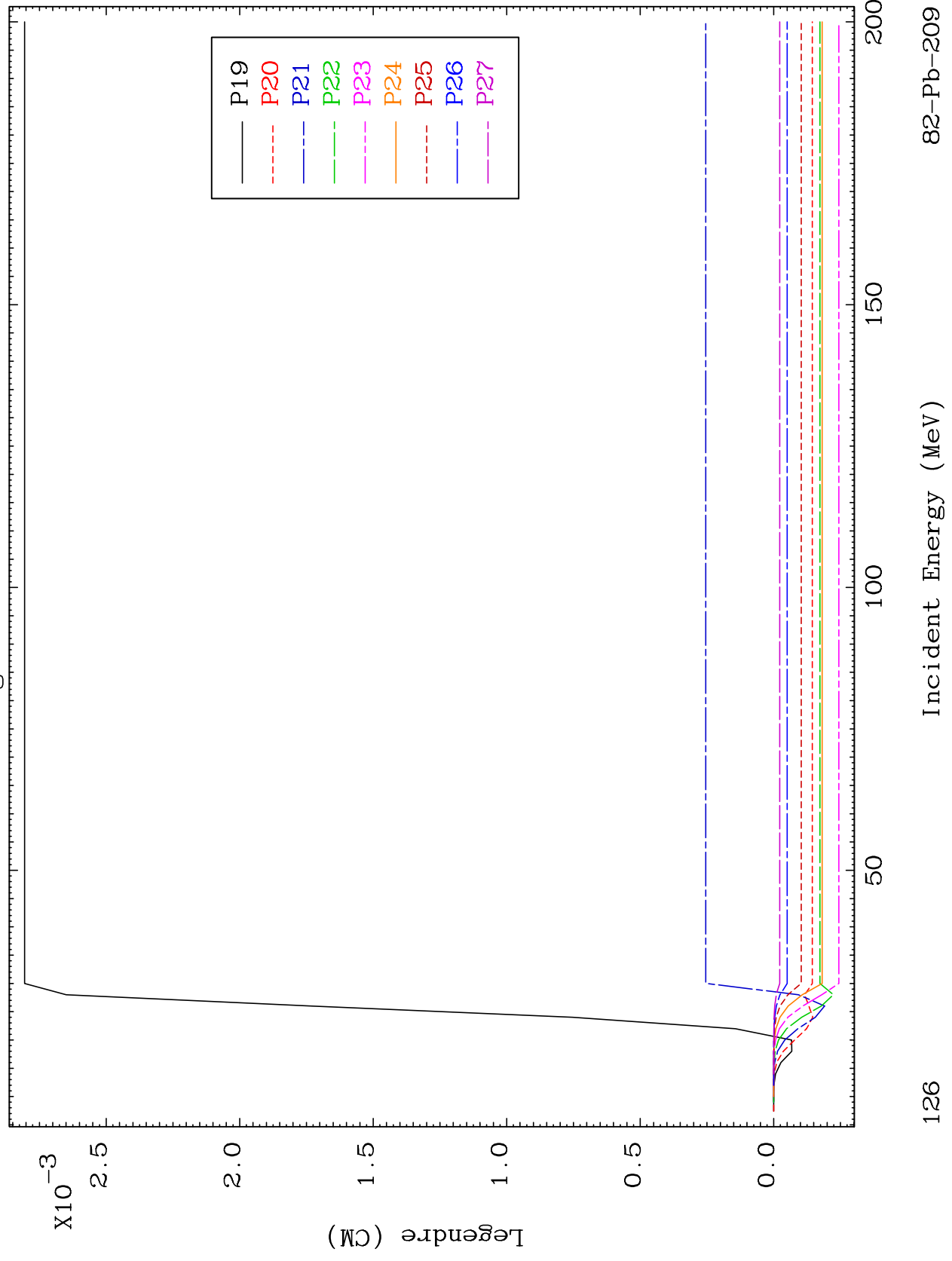




MAT 8240

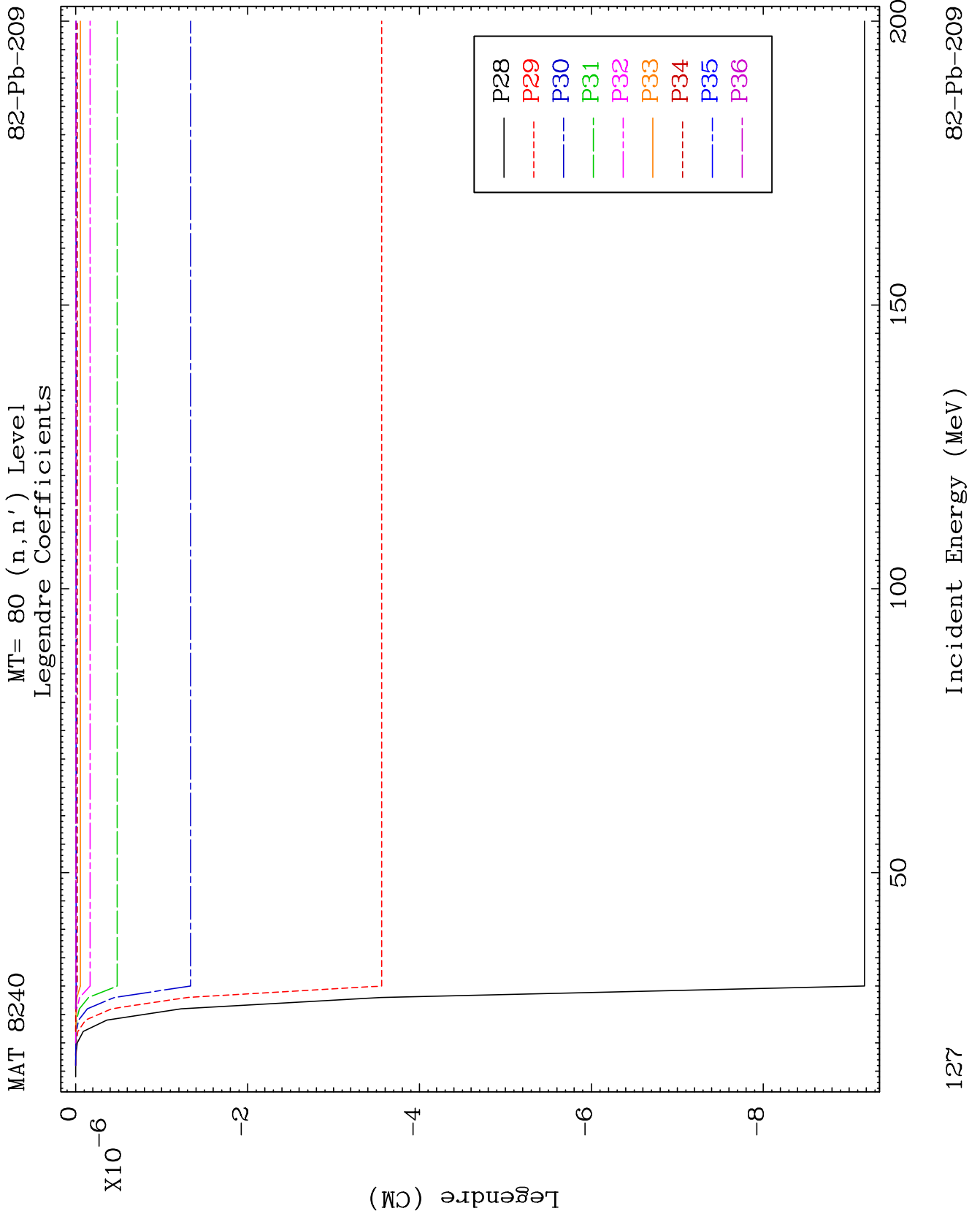
MT= 80 (n,n') Level
Legendre Coefficients

82-Pb-209

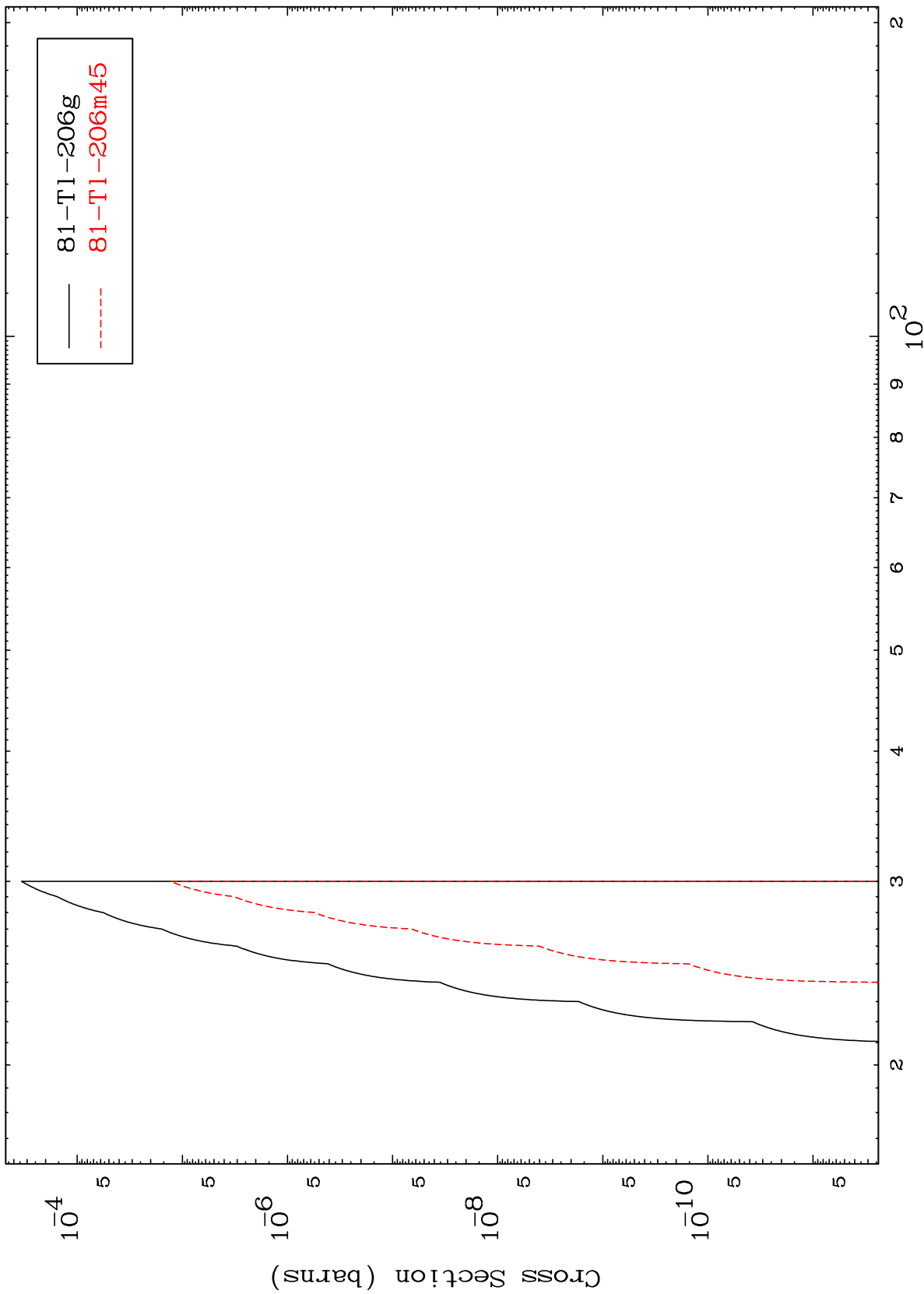


126

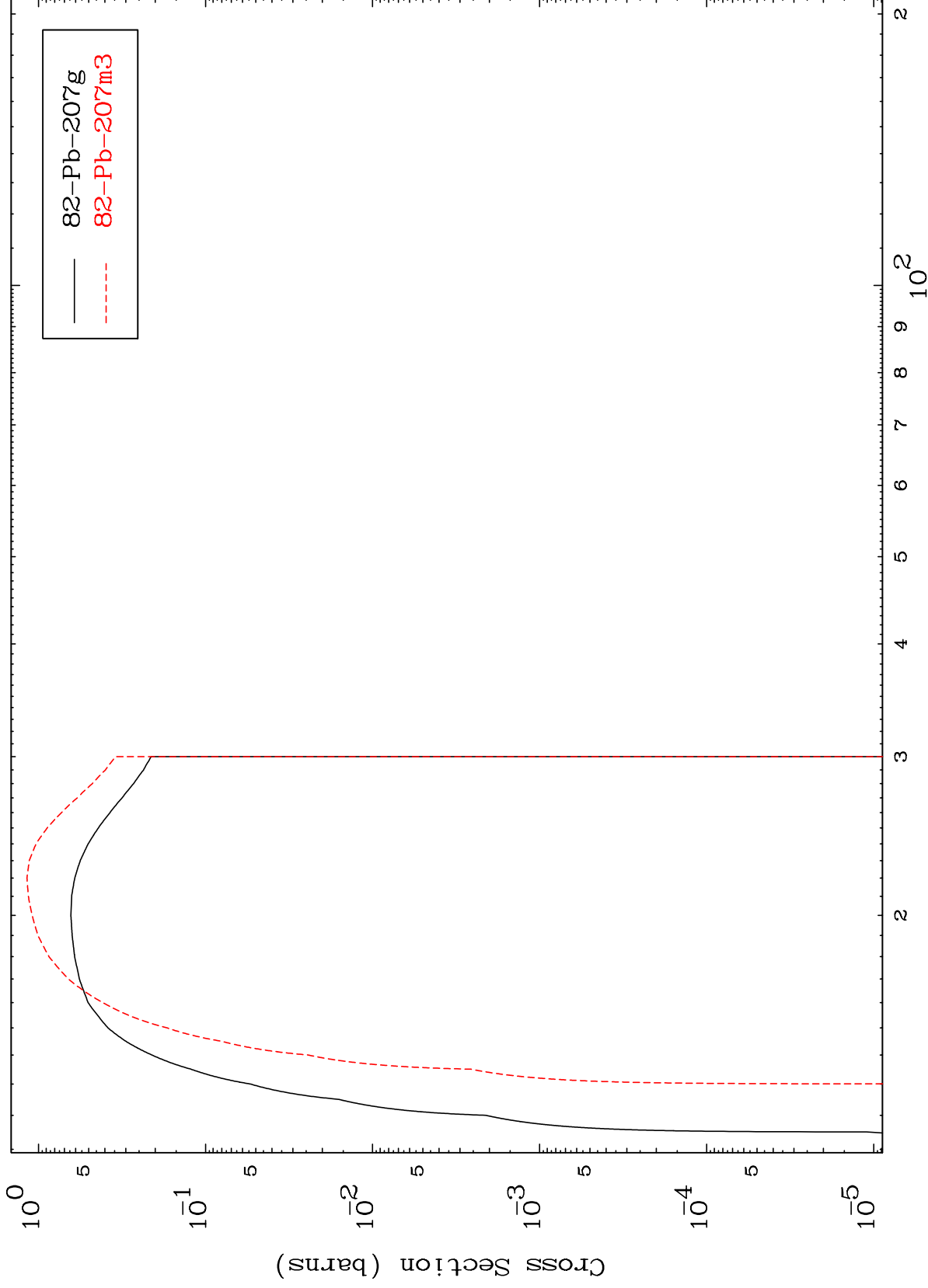
82-Pb-209



Radionuclide Production Cross Section



Radionuclide Production Cross Section

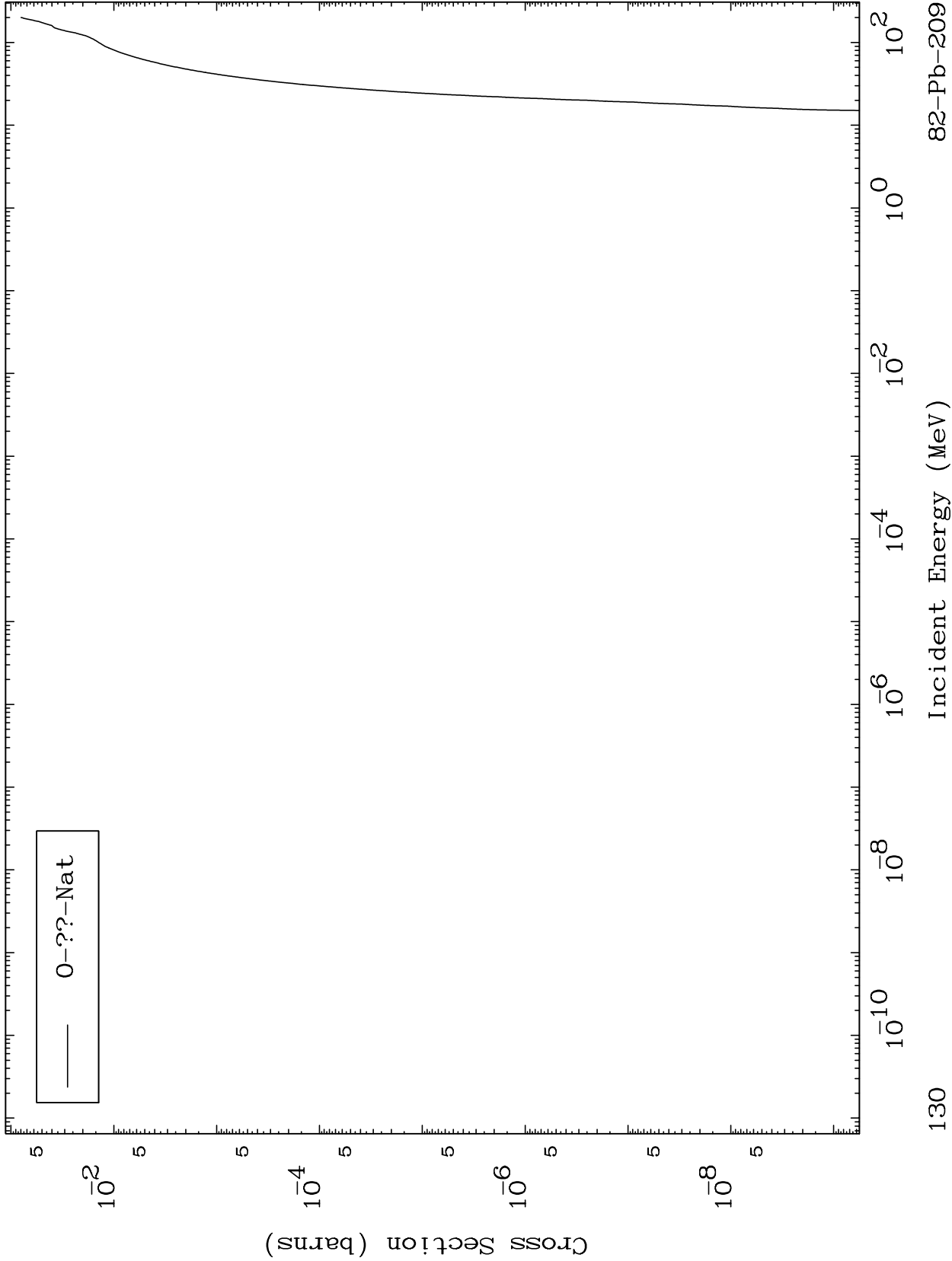


MAT 8240

Fission

82-Pb-209

Radionuclide Production Cross Section



130

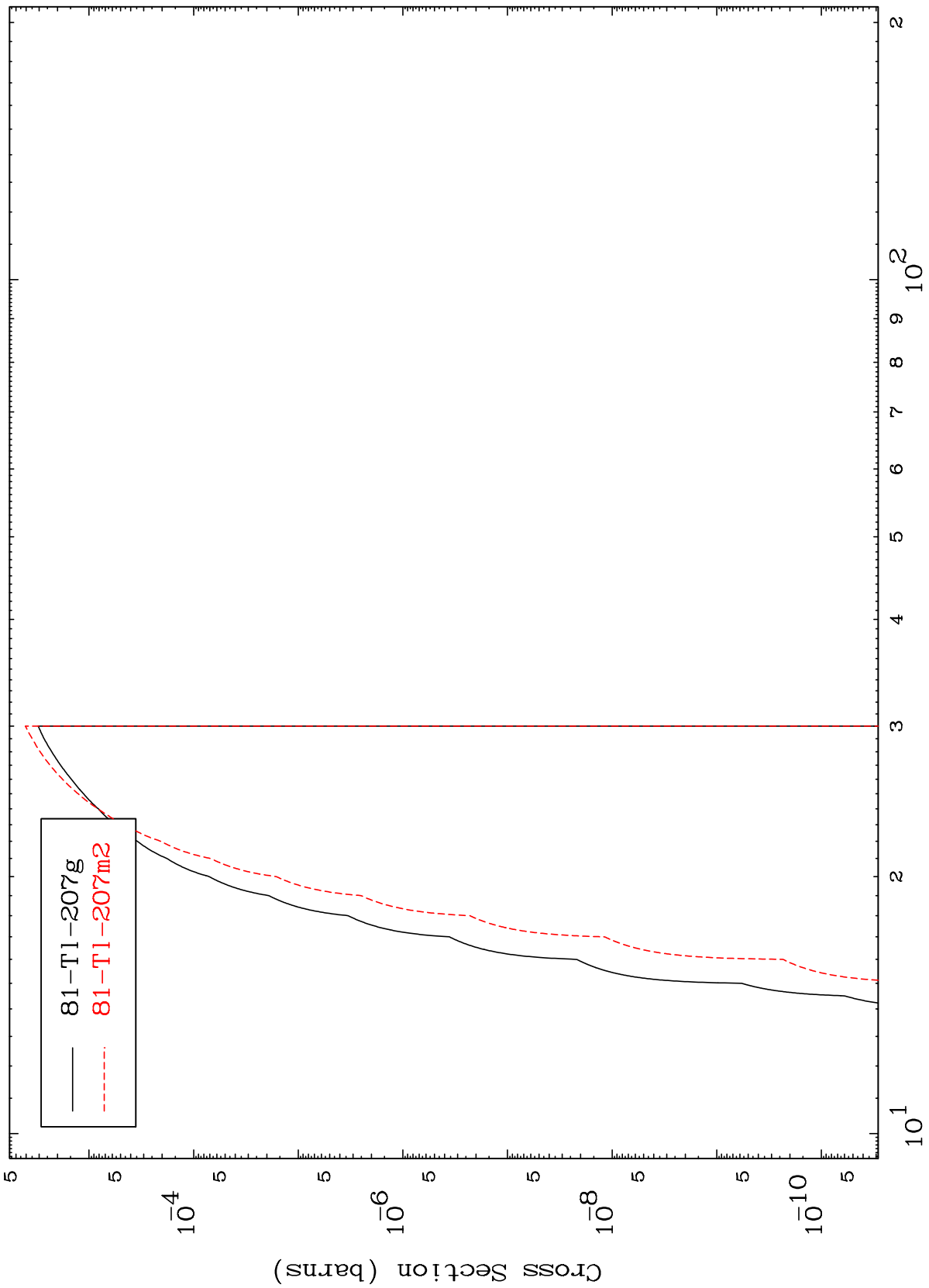
82-Pb-209

MAT 8240

(n,n') d

82-Pb-209

Radionuclide Production Cross Section



81-Tl-207g
81-Tl-207m2

Incident Energy (MeV)

82-Pb-209

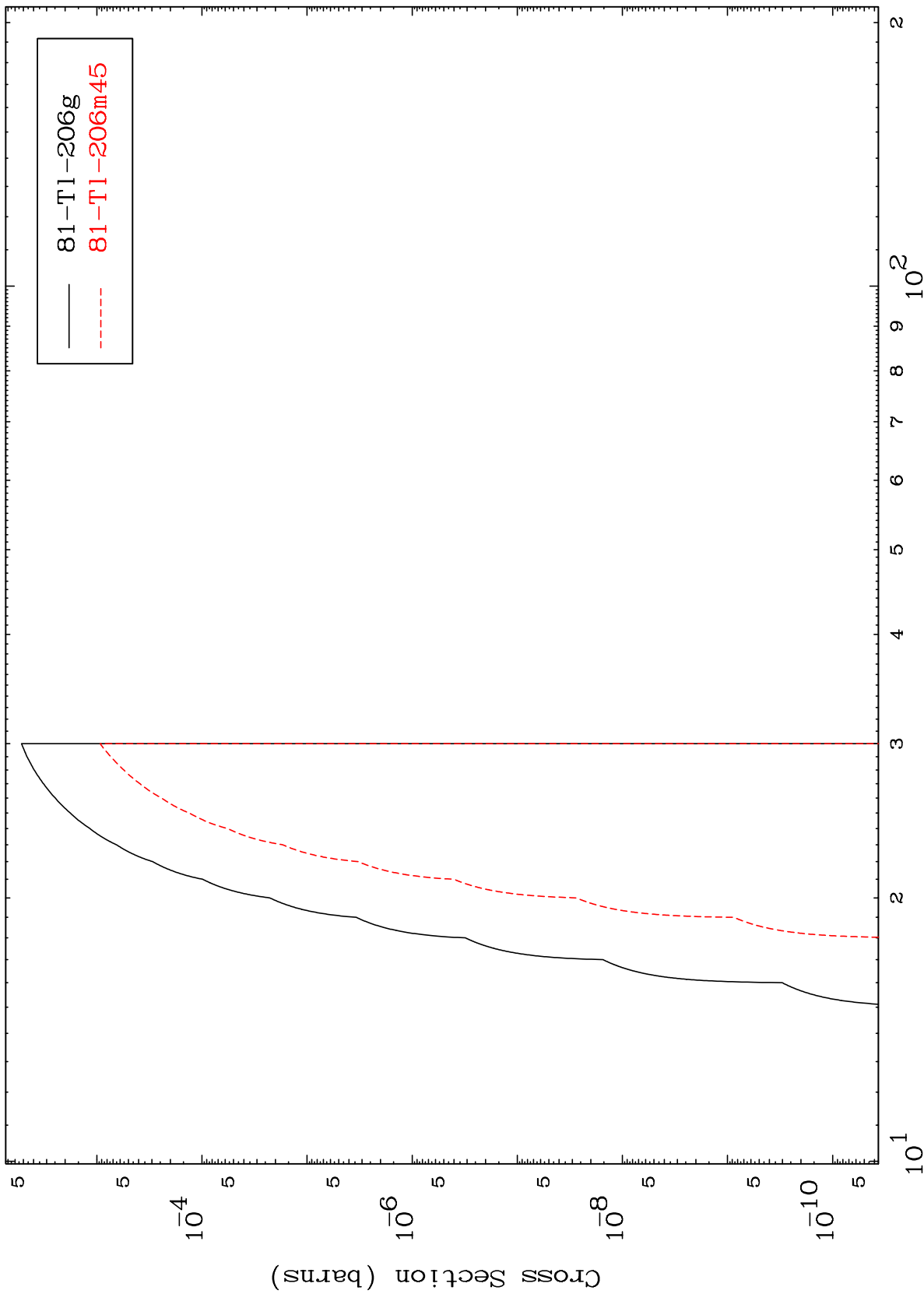
131

MAT 8240

(n,n') t

82-Pb-209

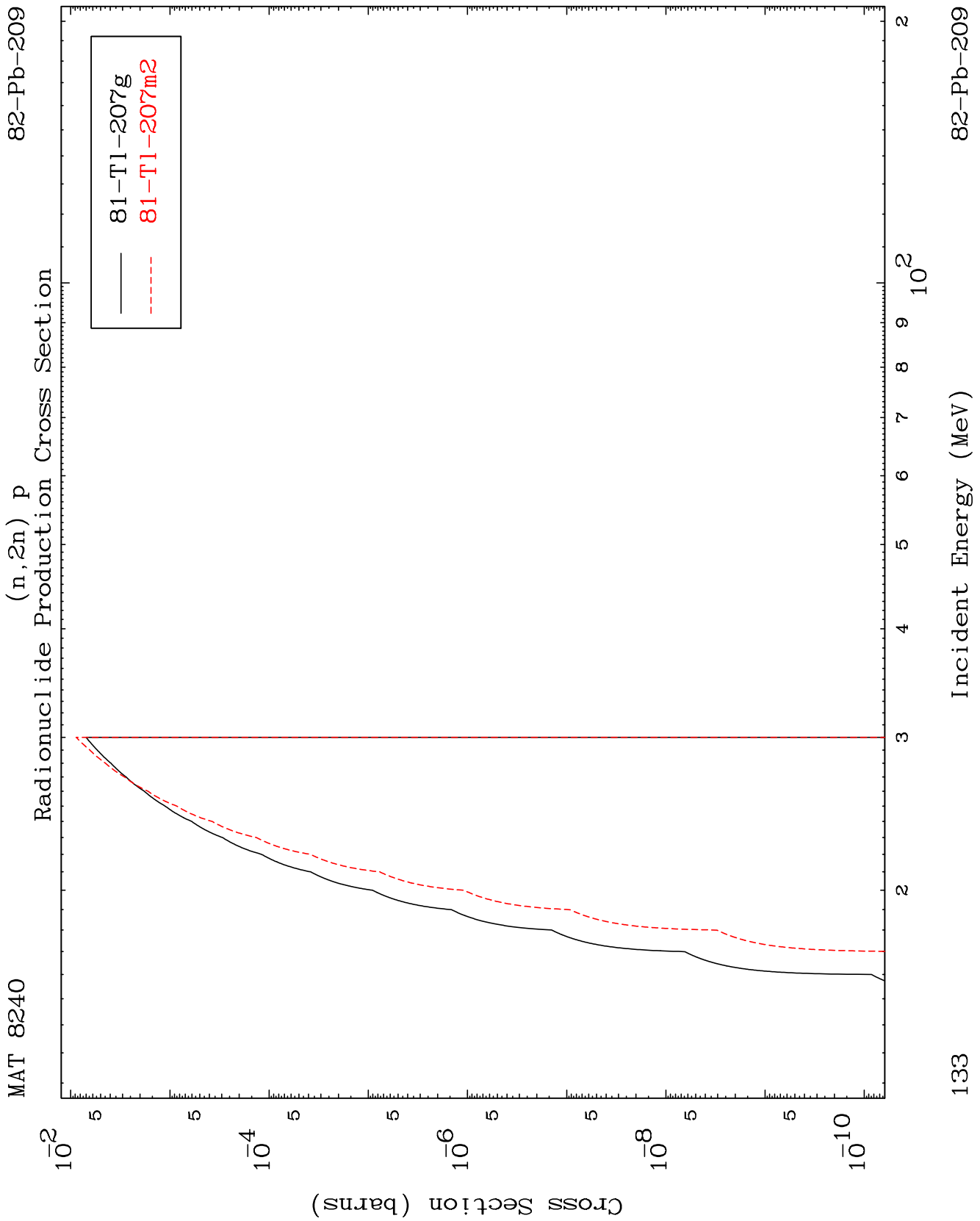
Radionuclide Production Cross Section

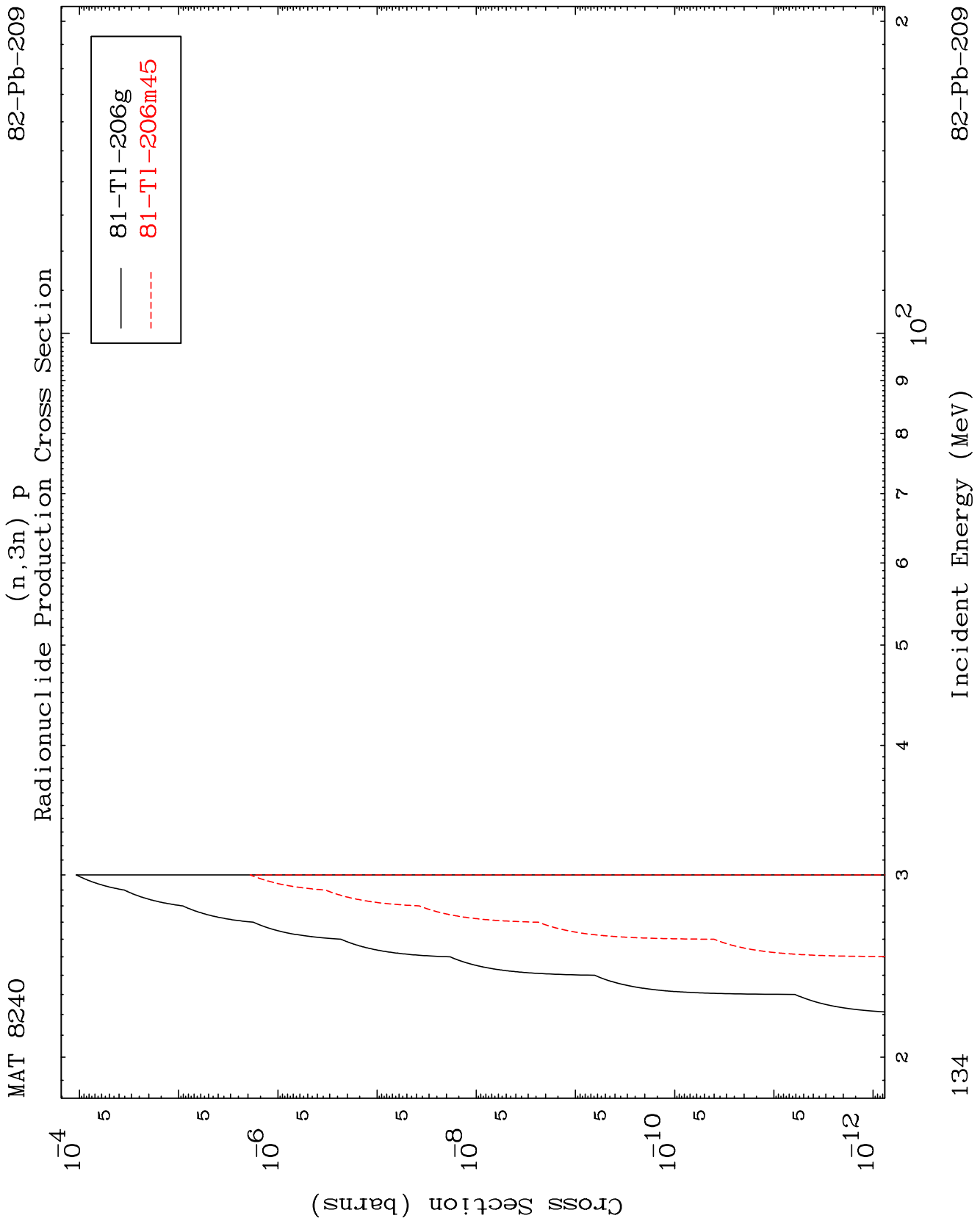


132

Incident Energy (MeV)

82-Pb-209

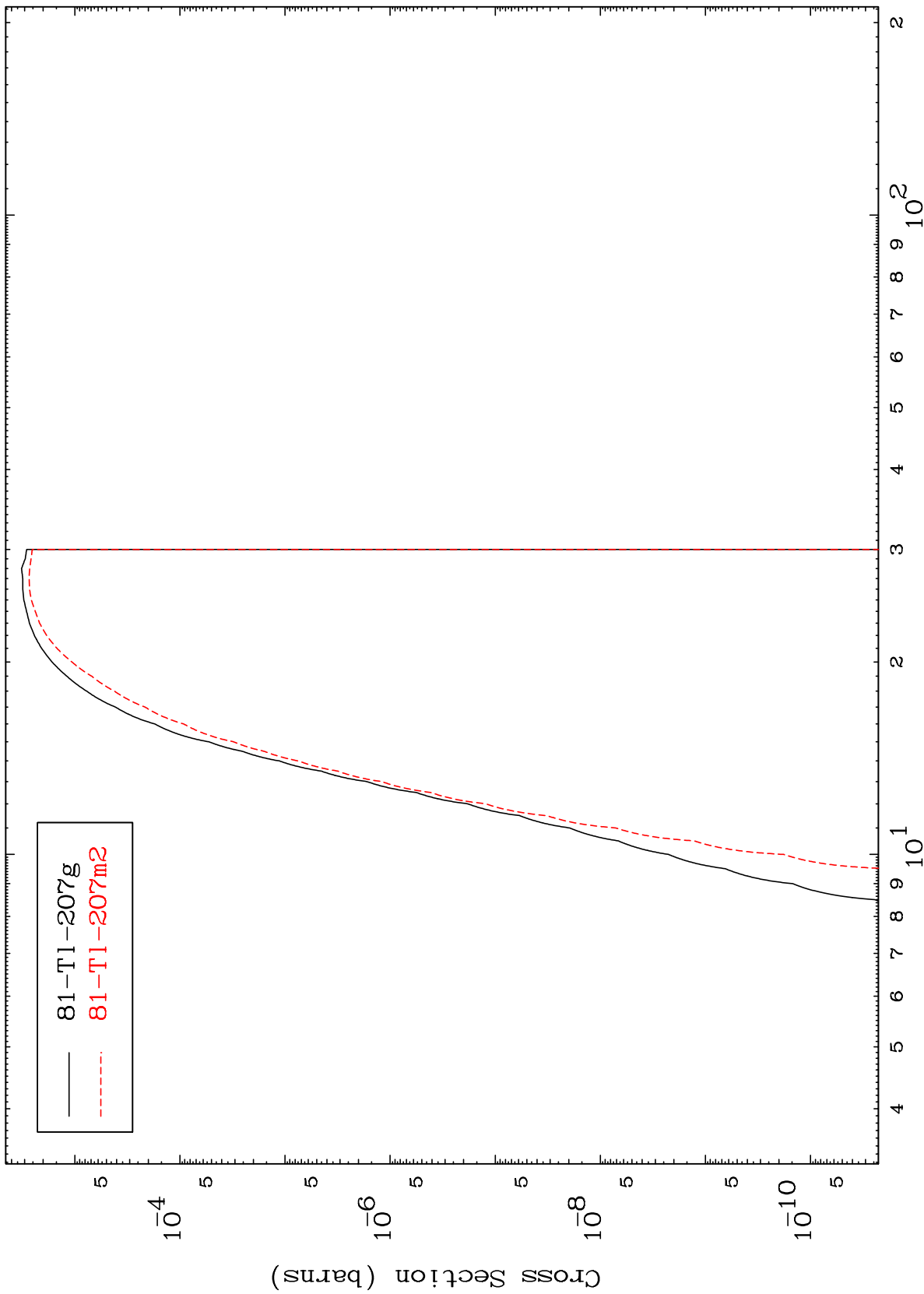




MAT 8240

82-Pb-209

(n, t)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

82-Pb-209