

Program EVALPLOT
(Version 2015-2)

by

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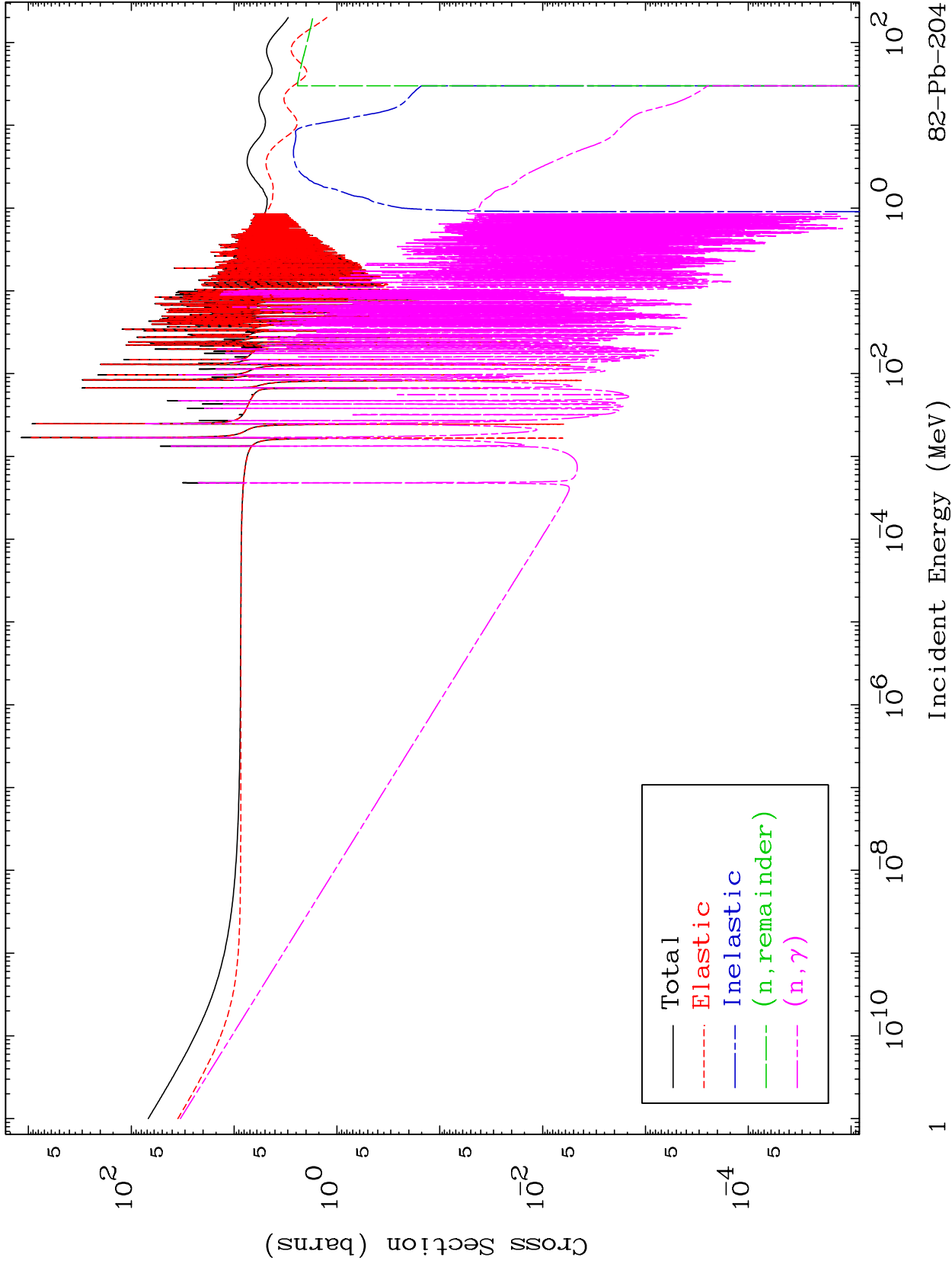
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8225

Major
293 Kelvin Cross Sections

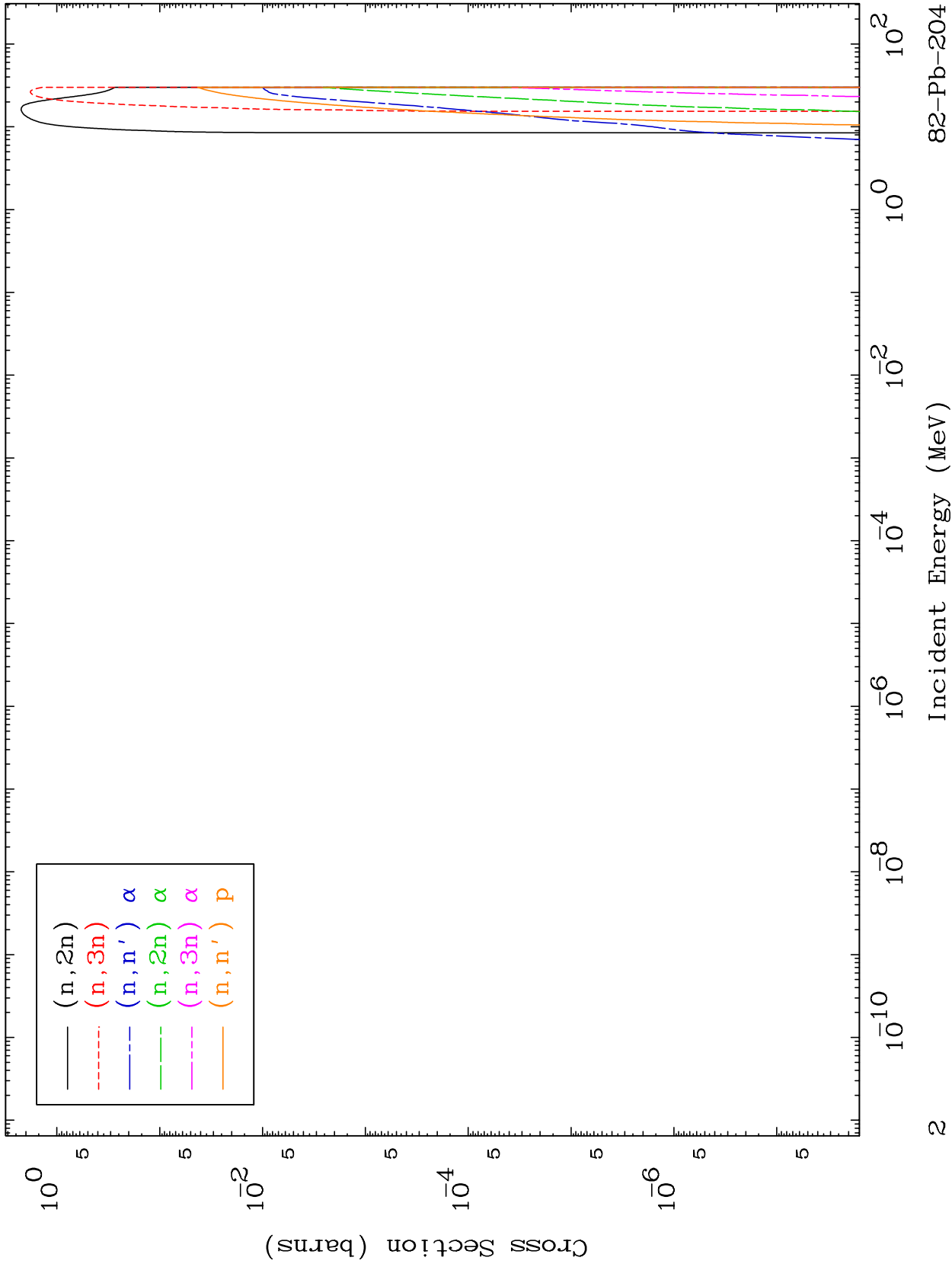
82-Pb-204

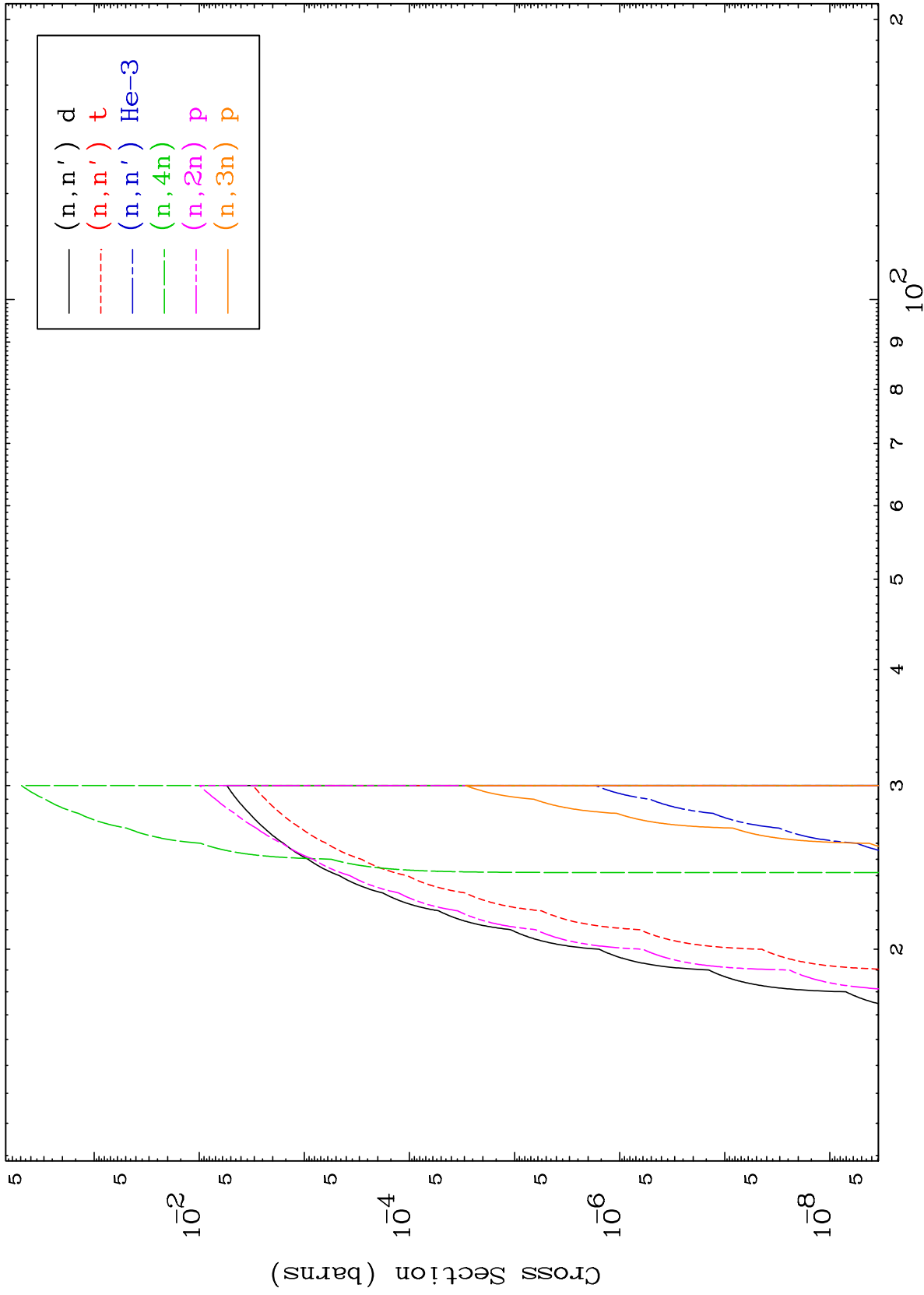


MAT 8225

Neutron Production
293 Kelvin Cross Sections

82-Pb-204

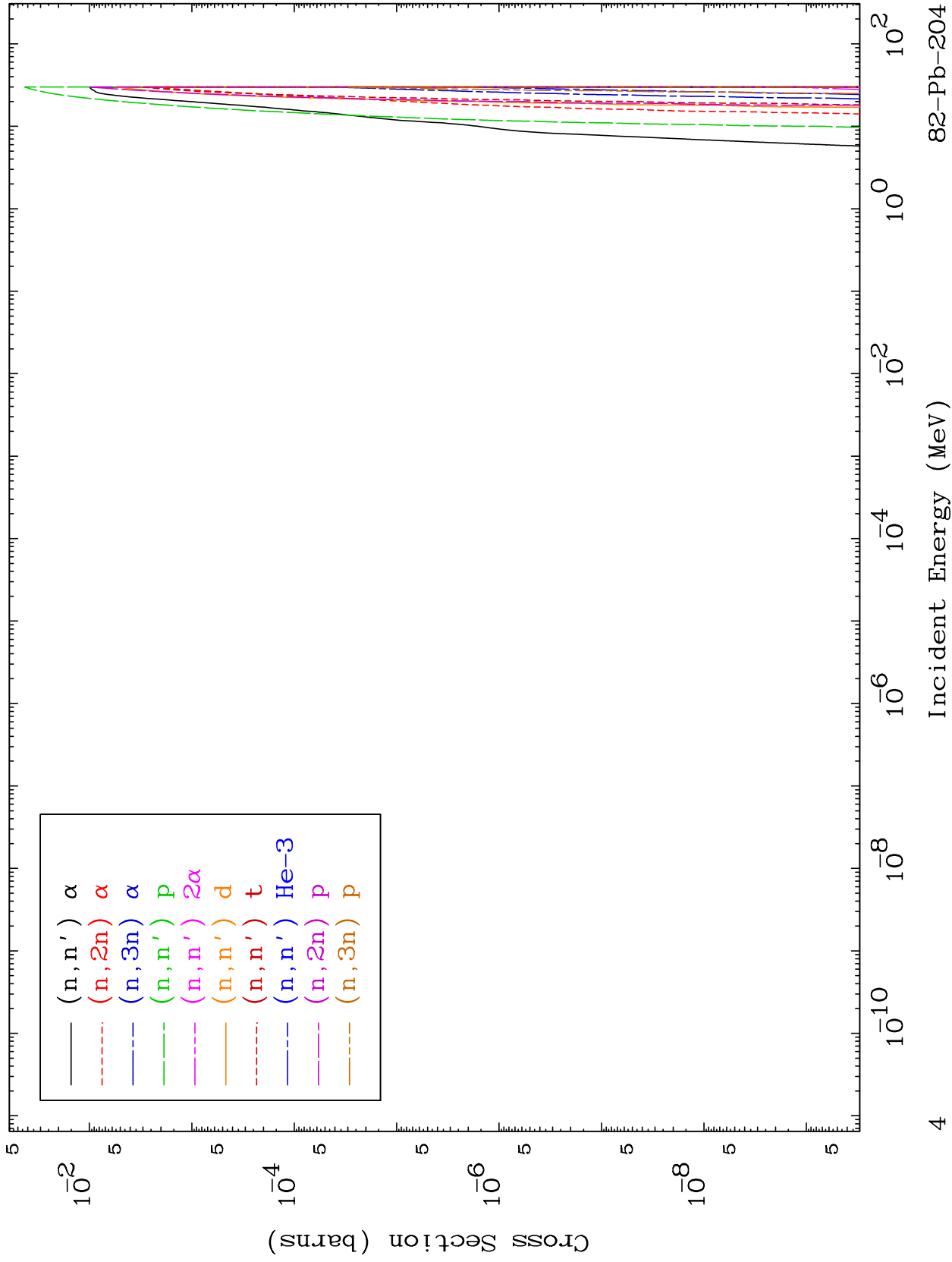




MAT 8225

Charged Particle
293 Kelvin Cross Sections

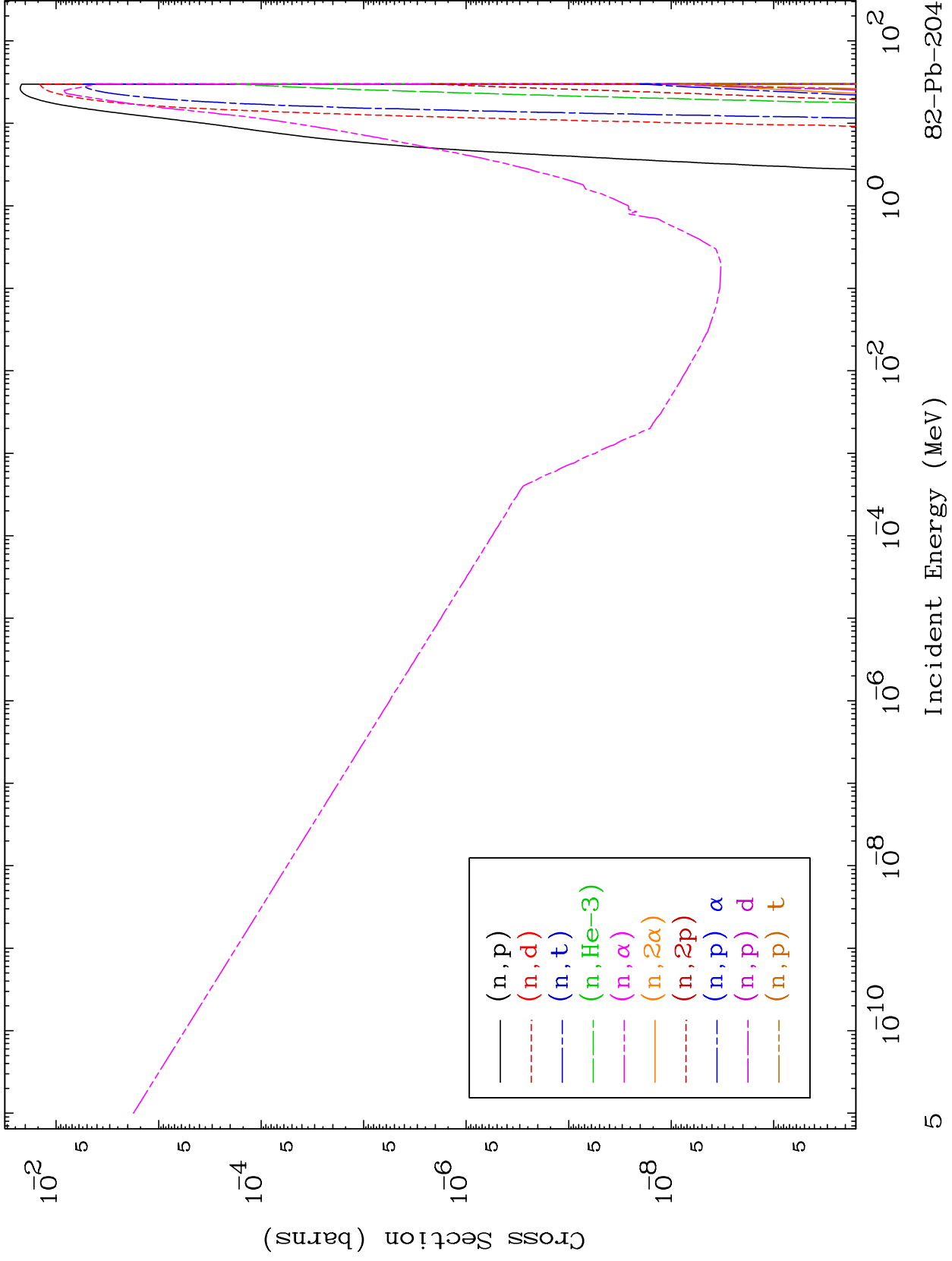
82-Pb-204



MAT 8225

Charged Particle
293 Kelvin Cross Sections

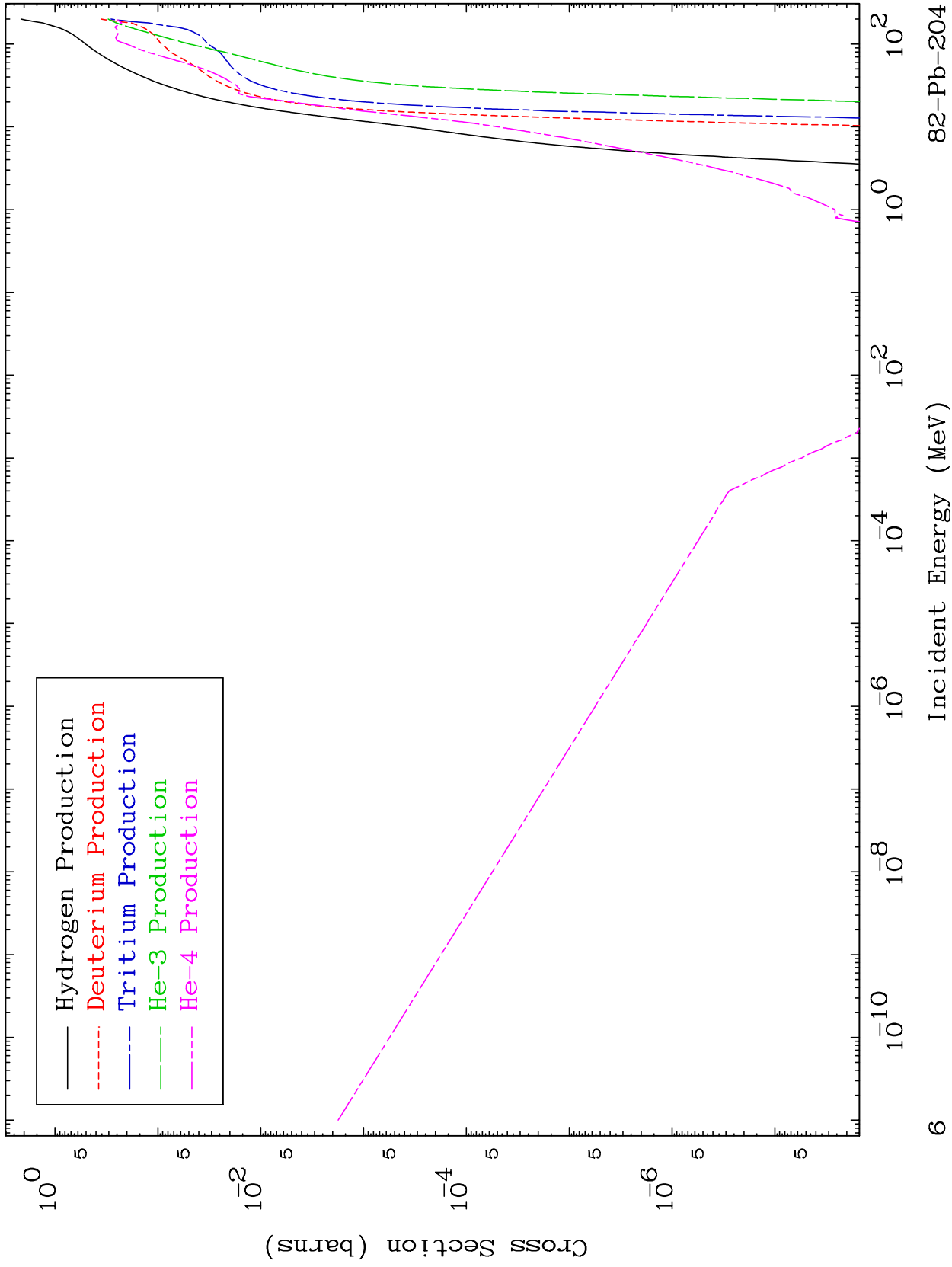
82-Pb-204



MAT 8225

Particle Production
293 Kelvin Cross Sections

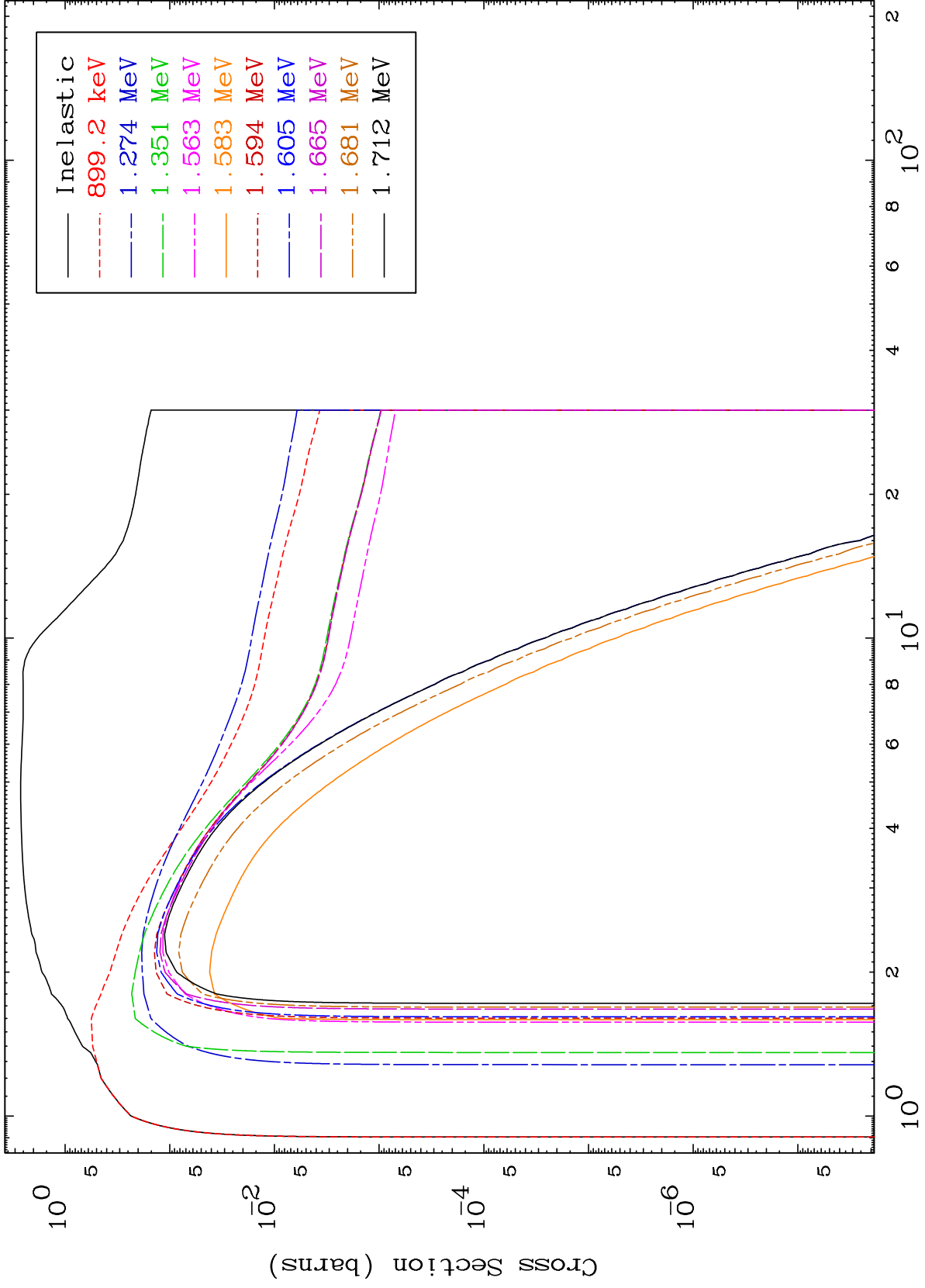
82-Pb-204



MAT 8225

(n,n') Level
293 Kelvin Cross Sections

82-Pb-204



Incident Energy (MeV)

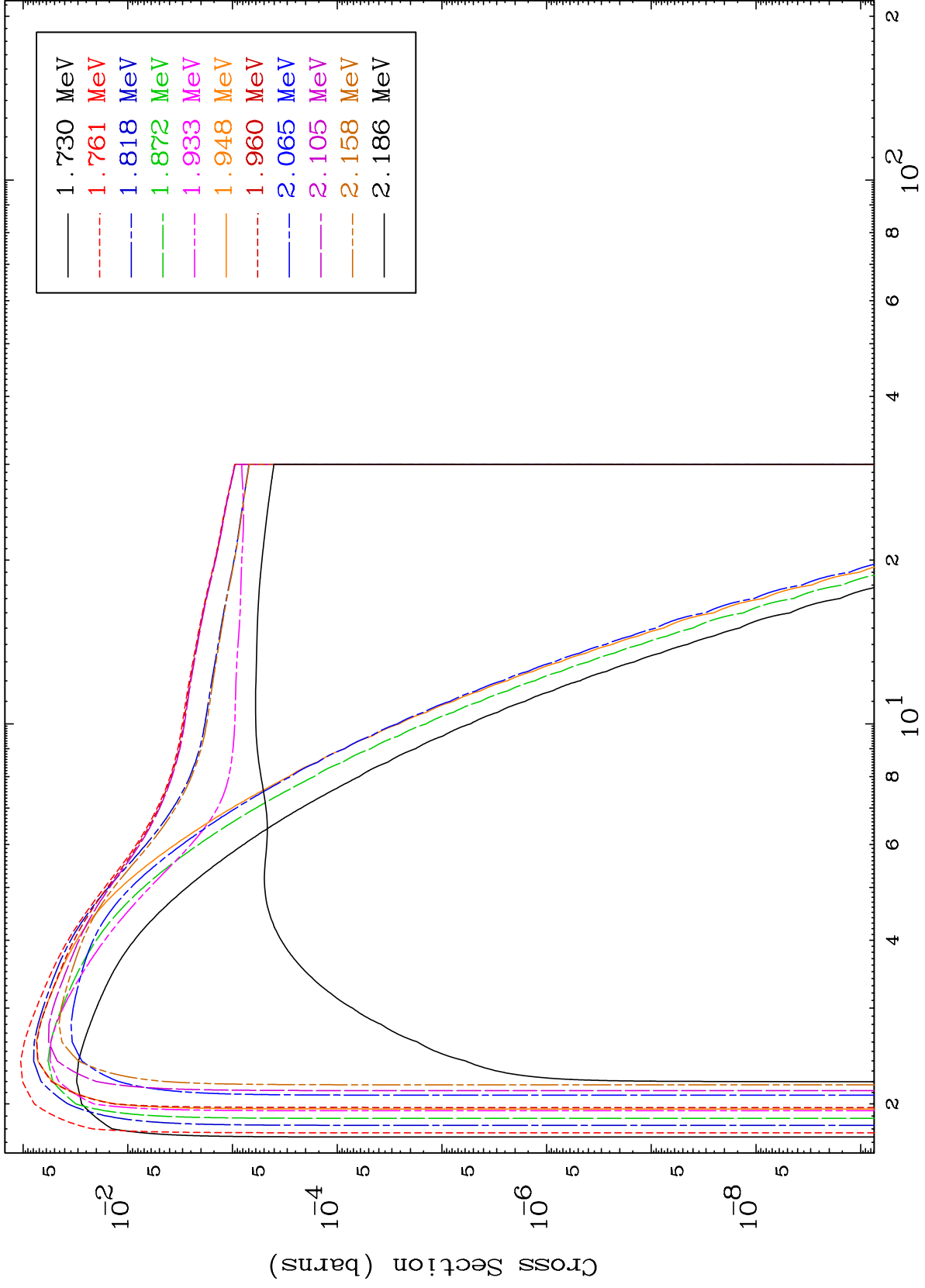
82-Pb-204

7

MAT 8225

(n,n') Level
293 Kelvin Cross Sections

82-Pb-204



8

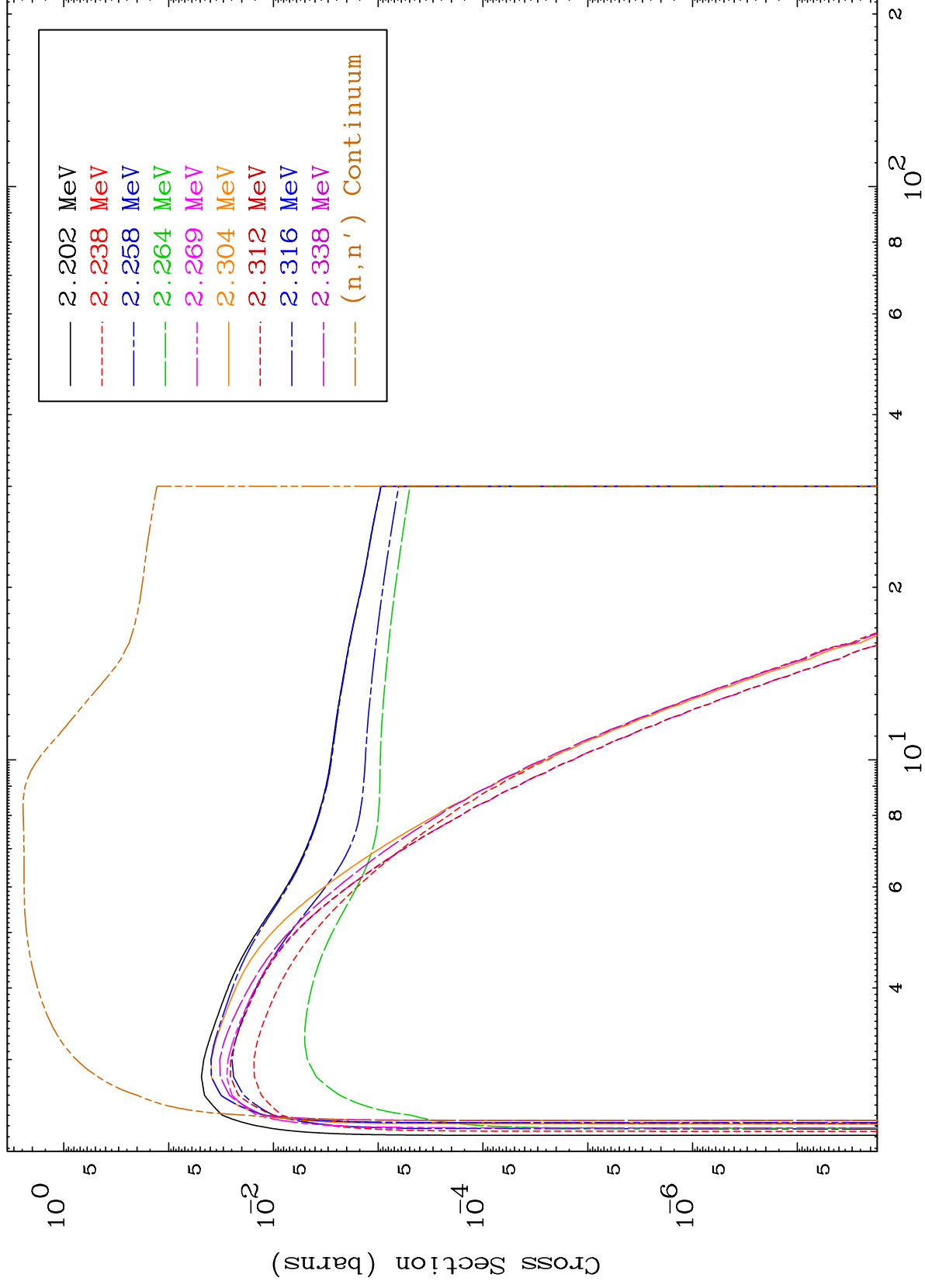
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,n') Level
293 Kelvin Cross Sections

82-Pb-204



9

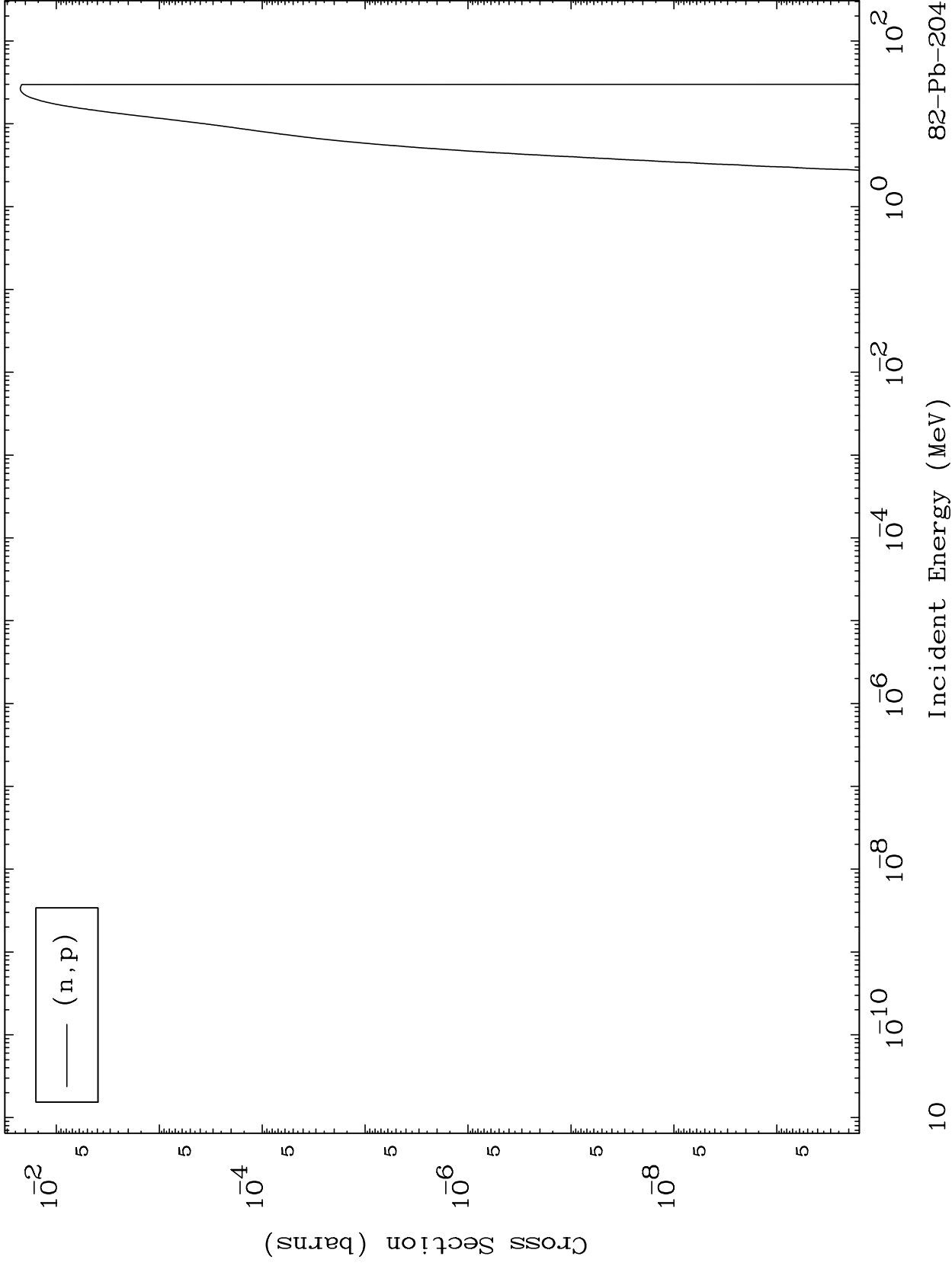
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,p) Levels
293 Kelvin Cross Sections

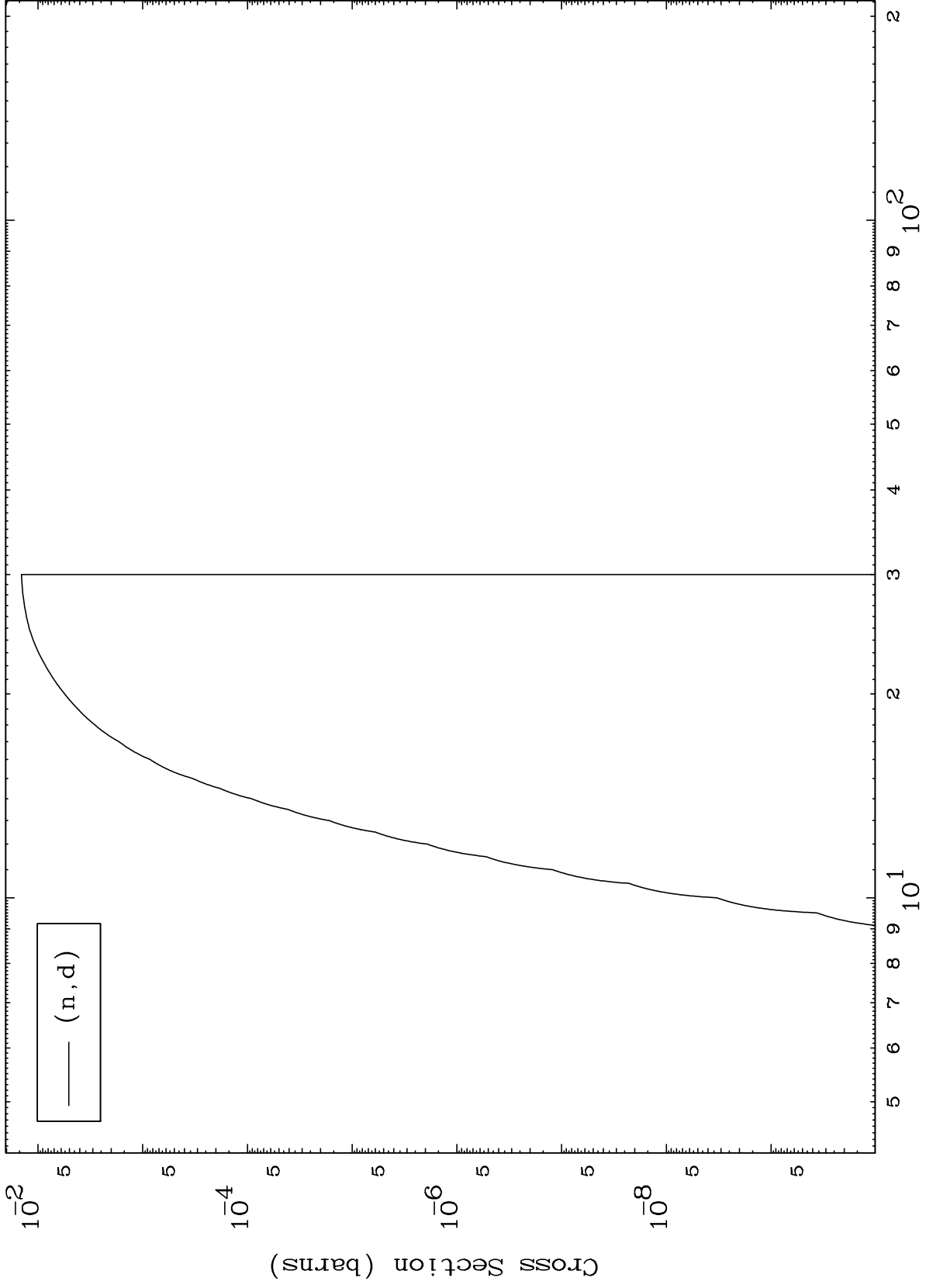
82-Pb-204



MAT 8225

(n,d) Levels
293 Kelvin Cross Sections

82-Pb-204



11

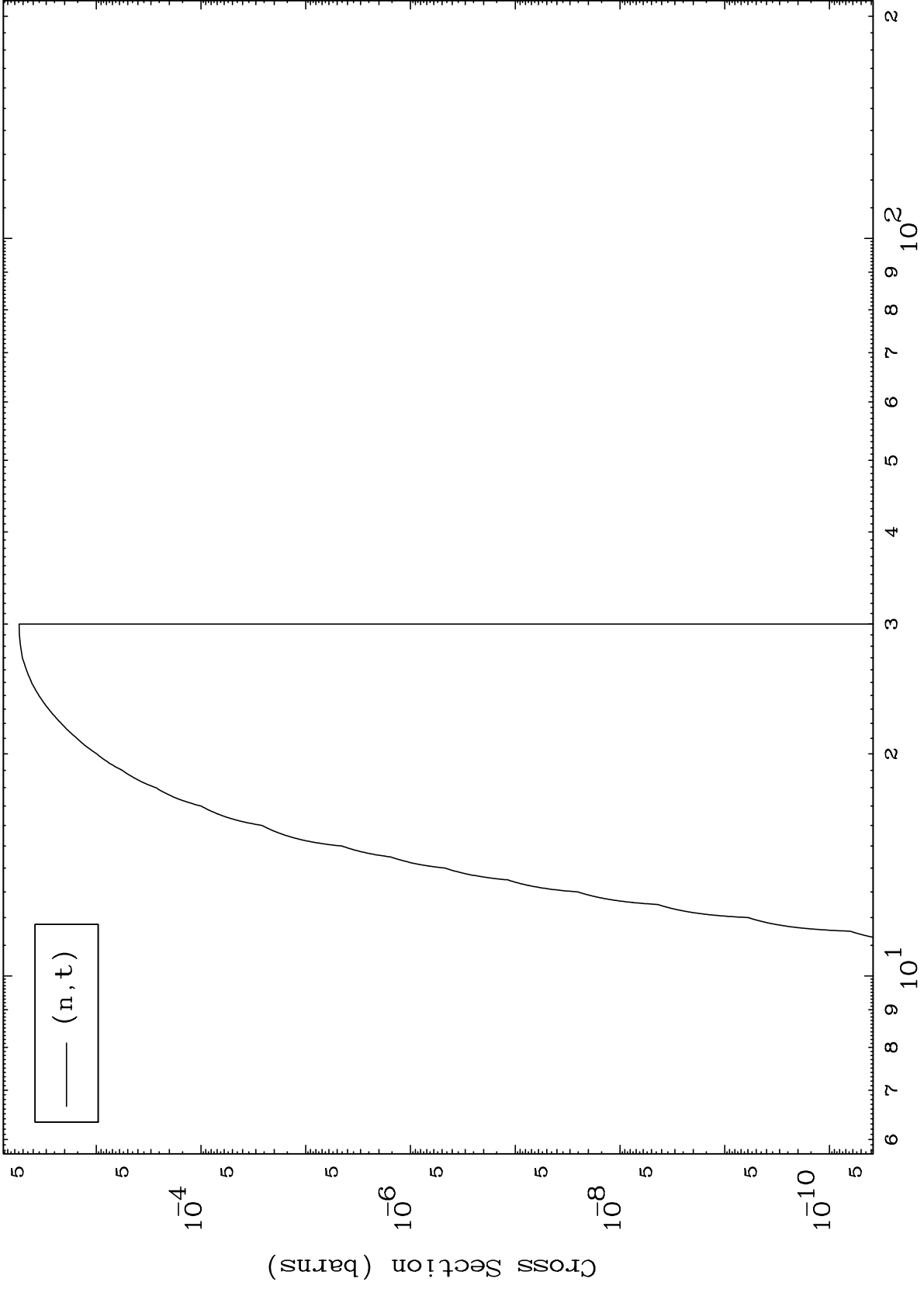
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,t) Levels
293 Kelvin Cross Sections

82-Pb-204



12

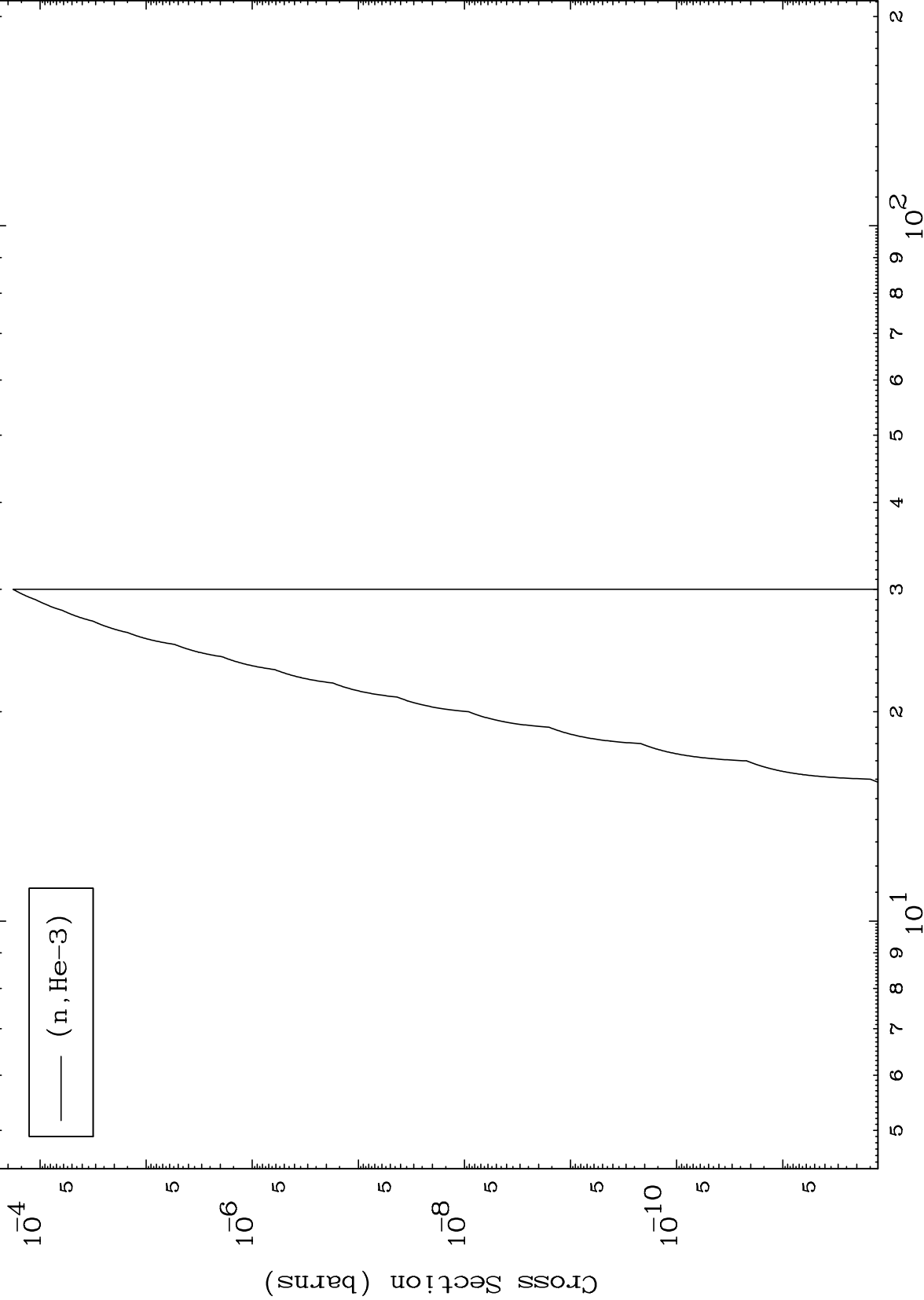
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,He3) Levels
293 Kelvin Cross Sections

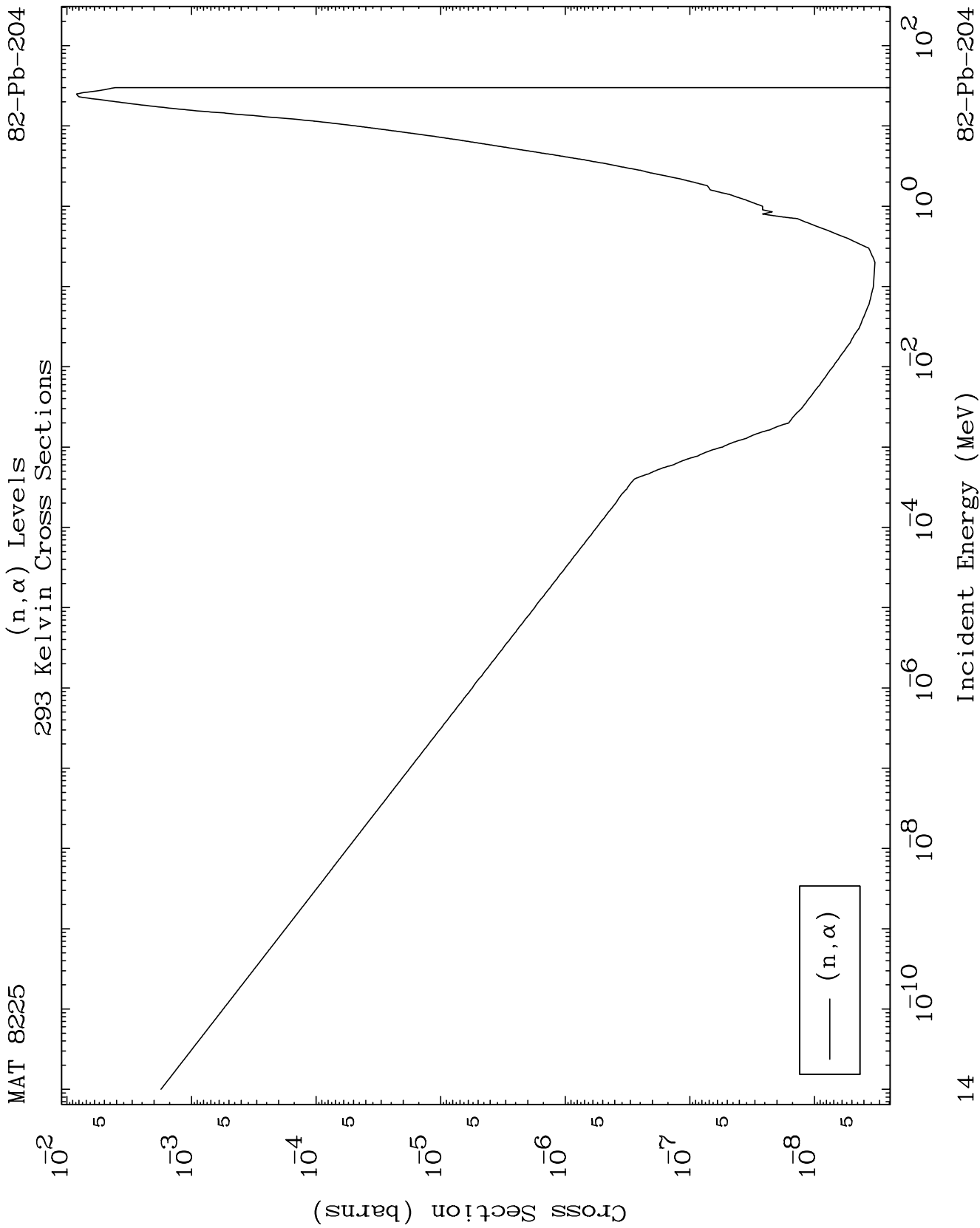
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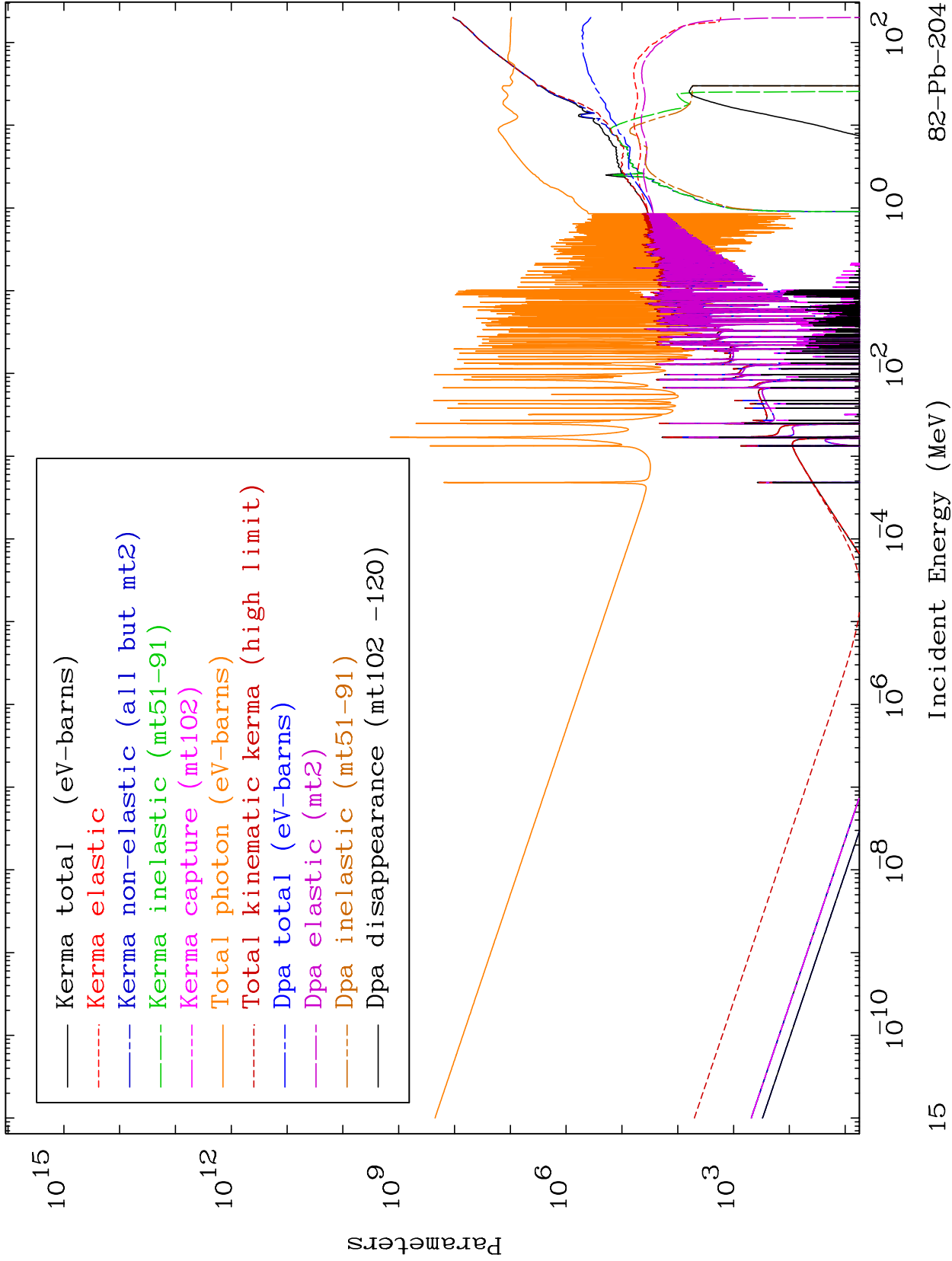


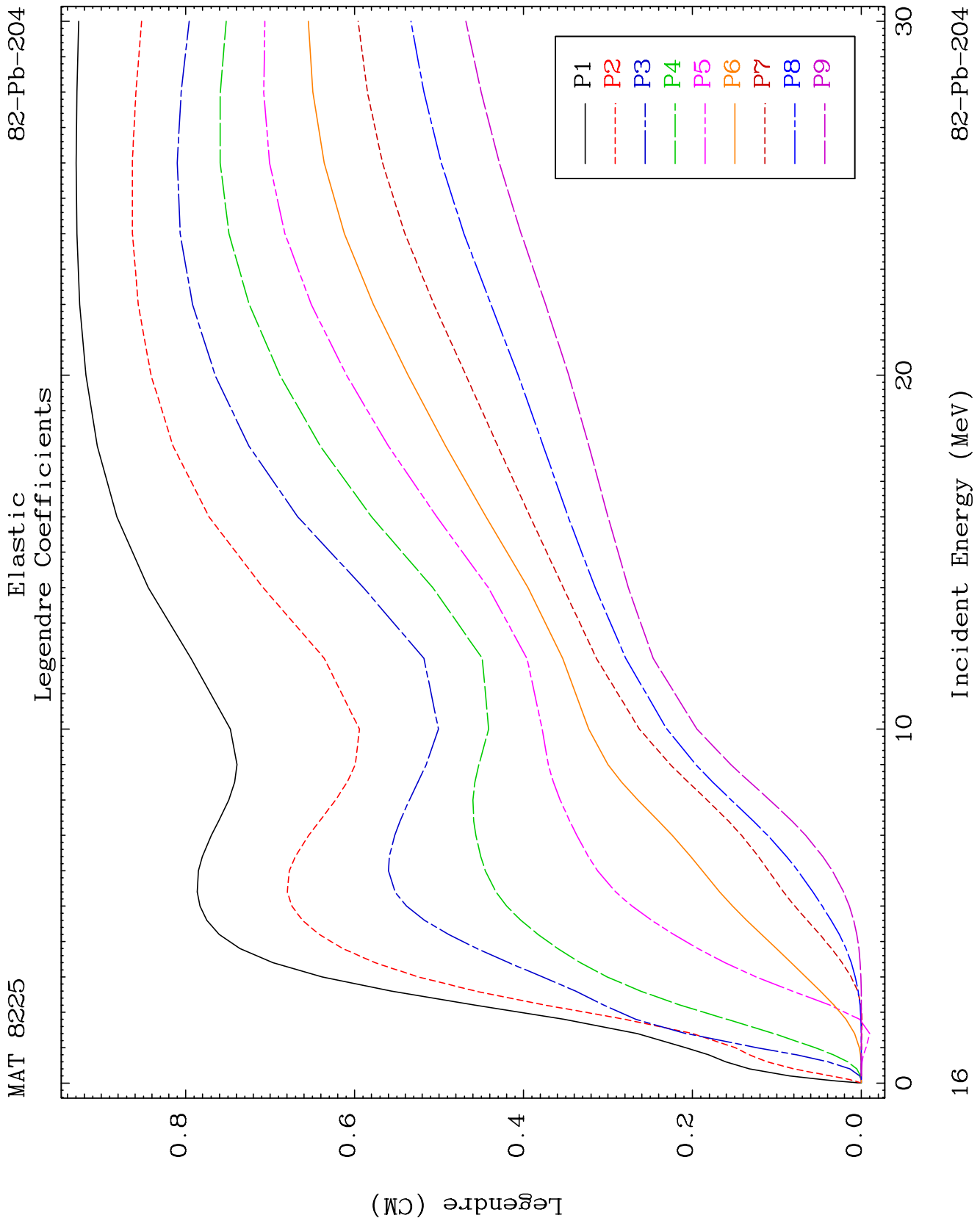
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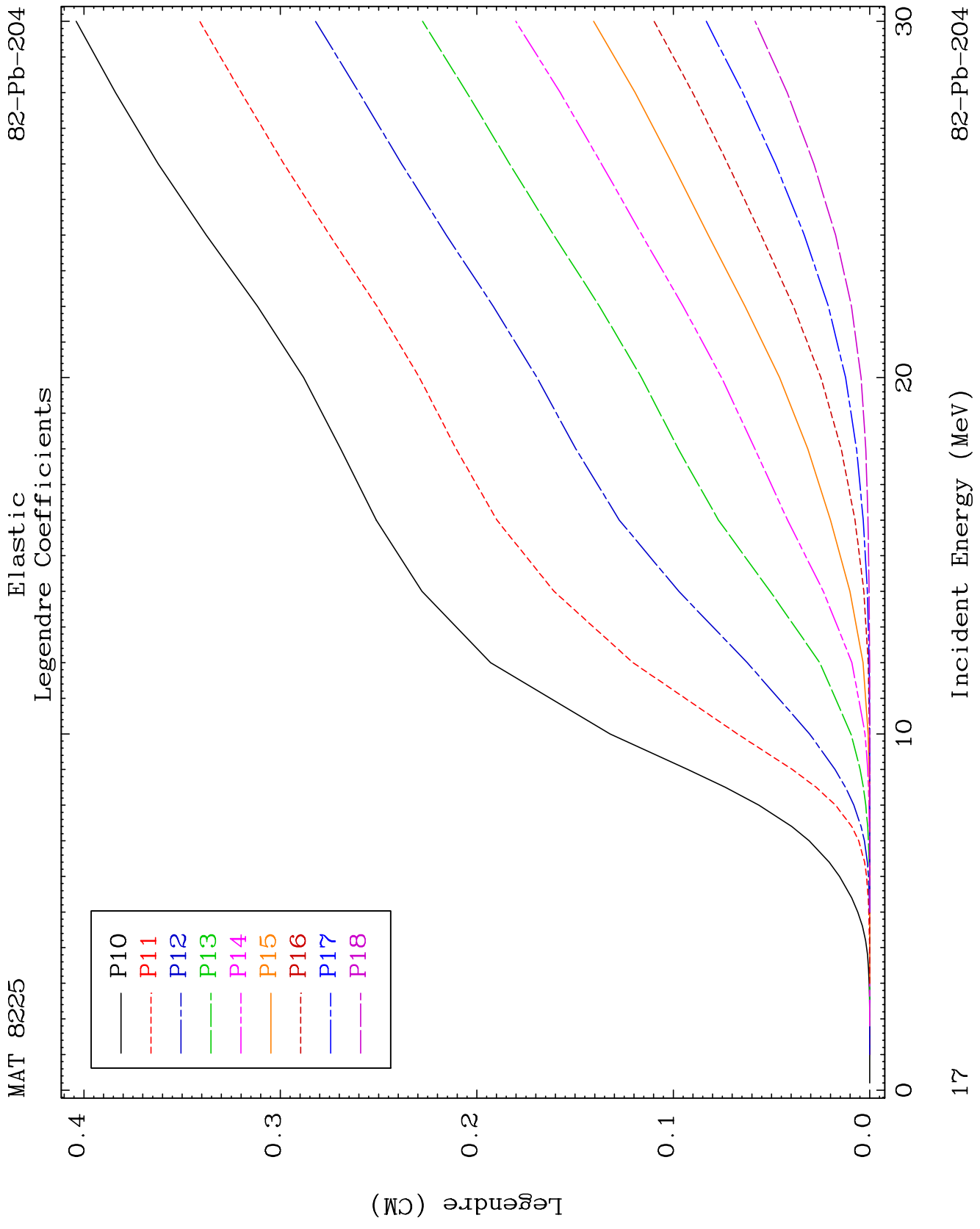
Incident Energy (MeV)

82-Pb-204





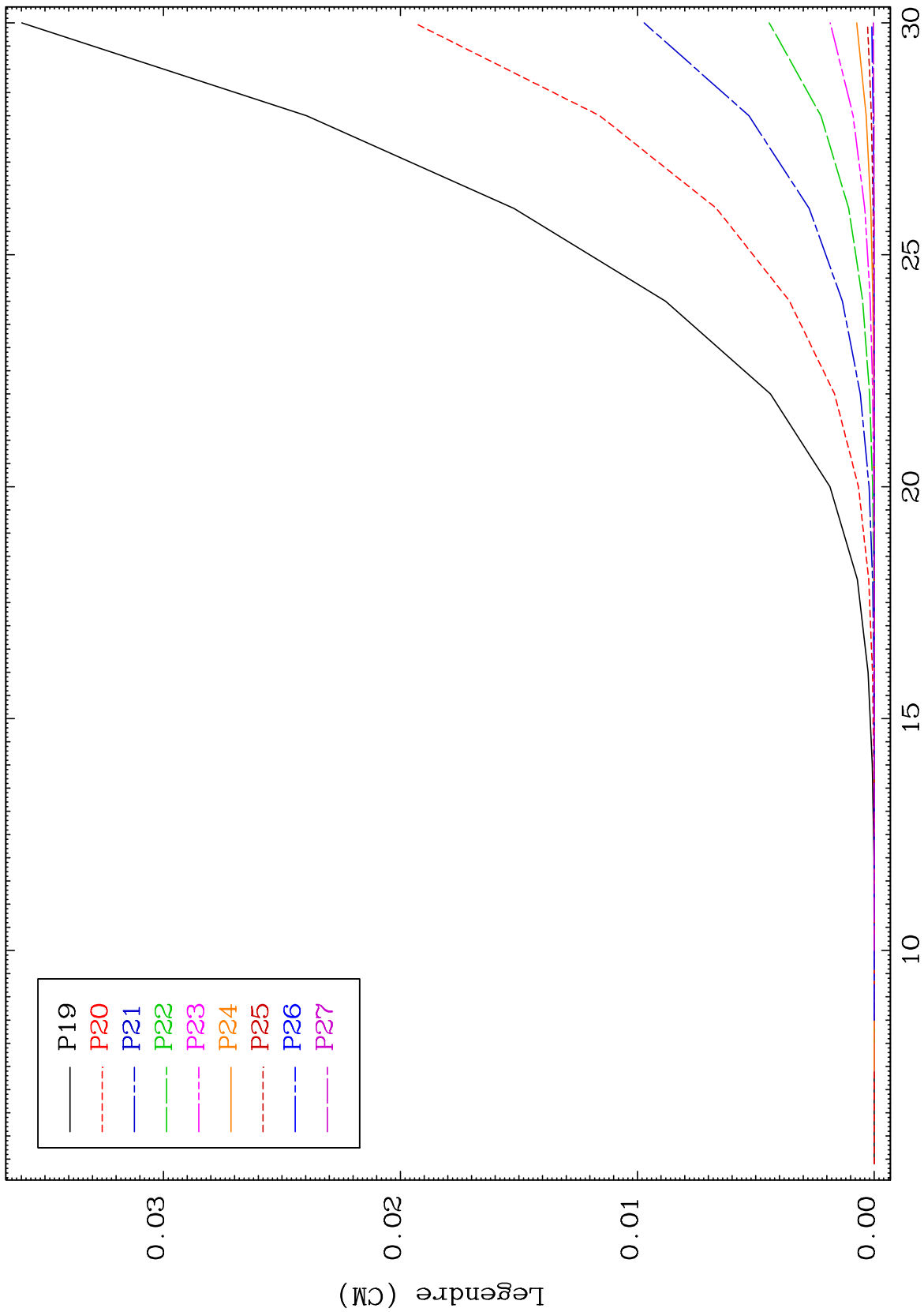




MAT 8225

Elastic
Legendre Coefficients

82-Pb-204



18

Incident Energy (MeV)

82-Pb-204

30

25

20

15

10

0.03

0.02

0.01

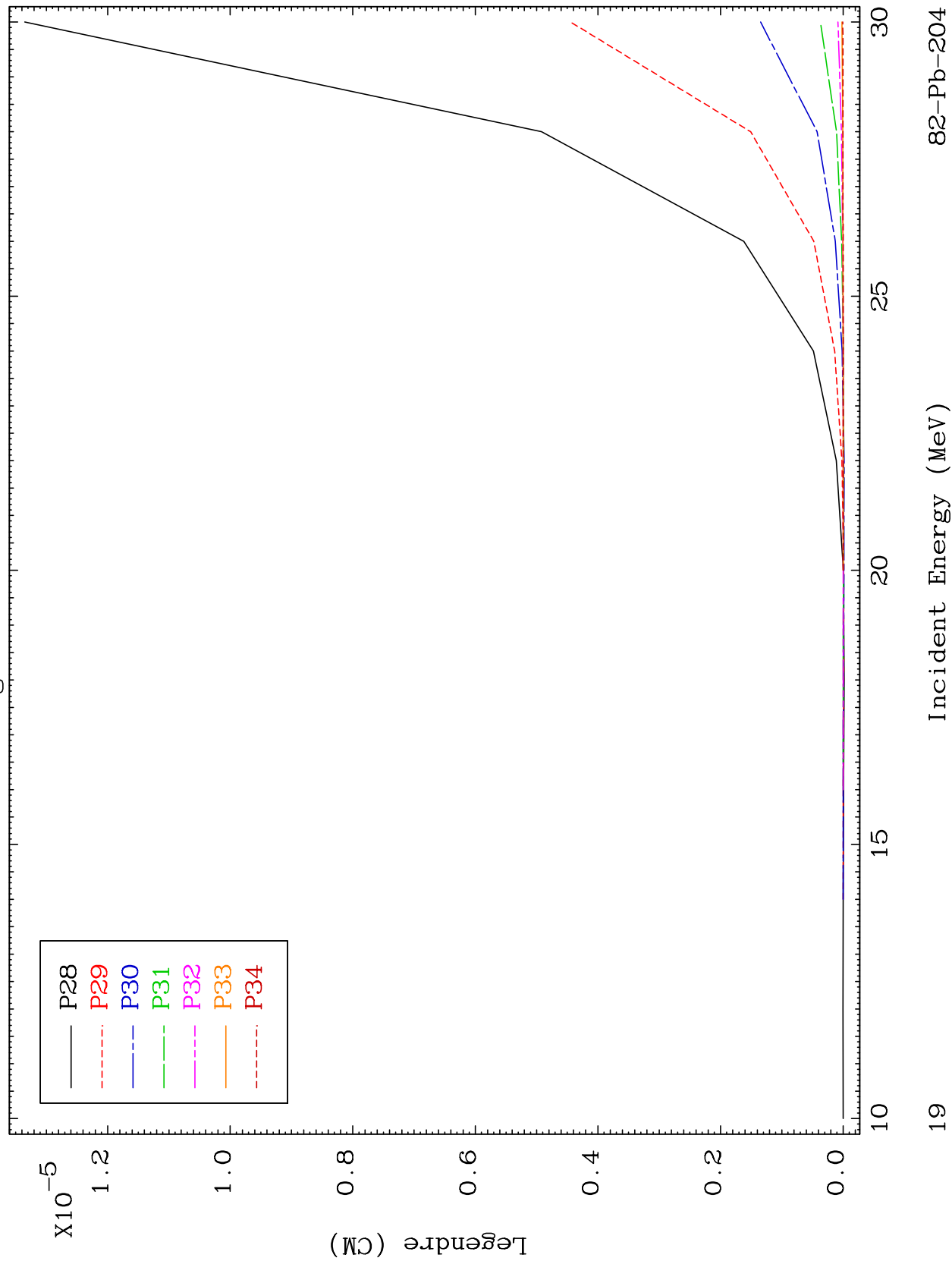
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Legendre (CM)

MAT 8225

Elastic Legendre Coefficients

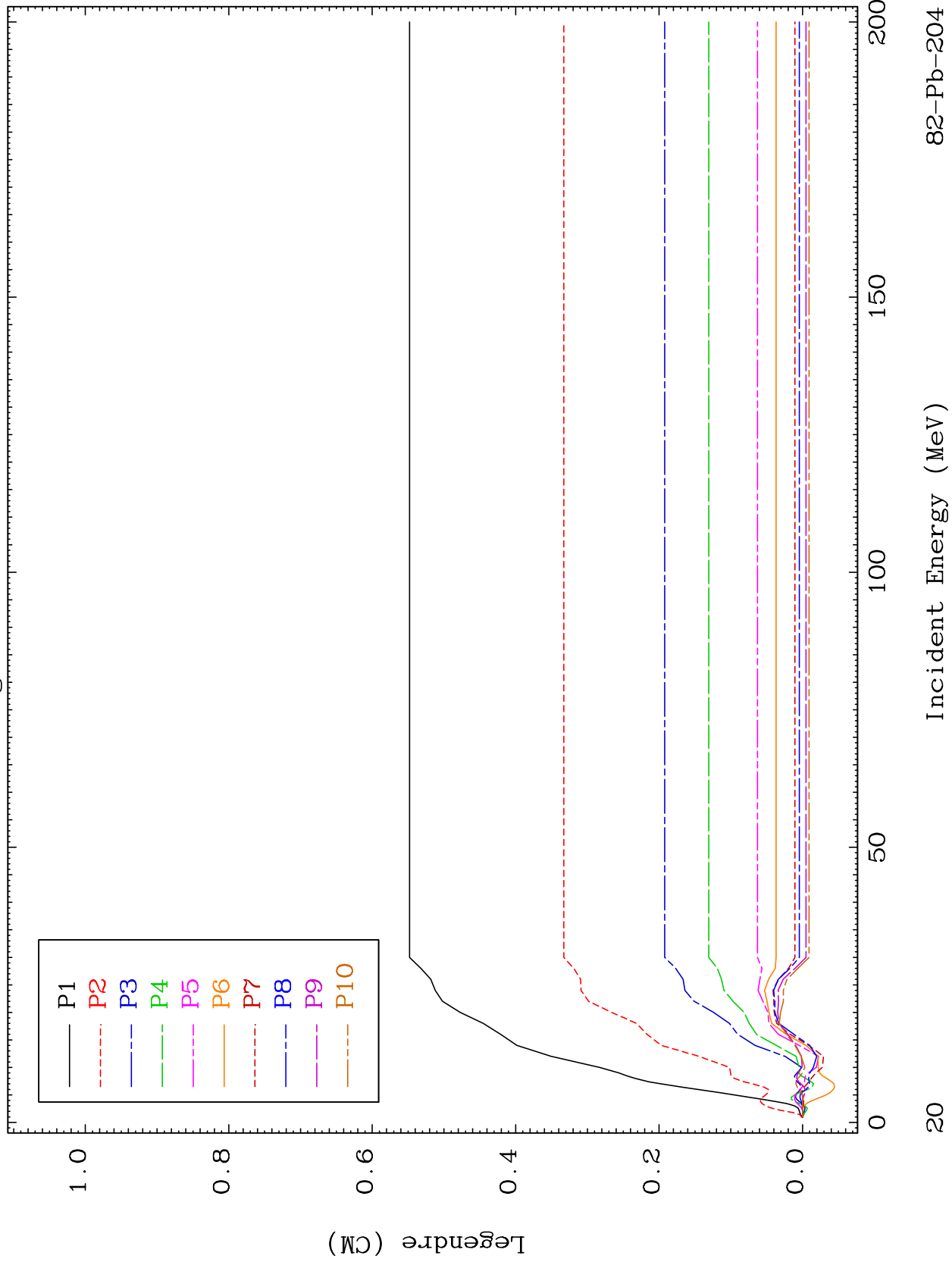
82-Pb-204



MAT 8225

899.2 keV (n,n') Level
Legendre Coefficients

82-Pb-204



82-Pb-204

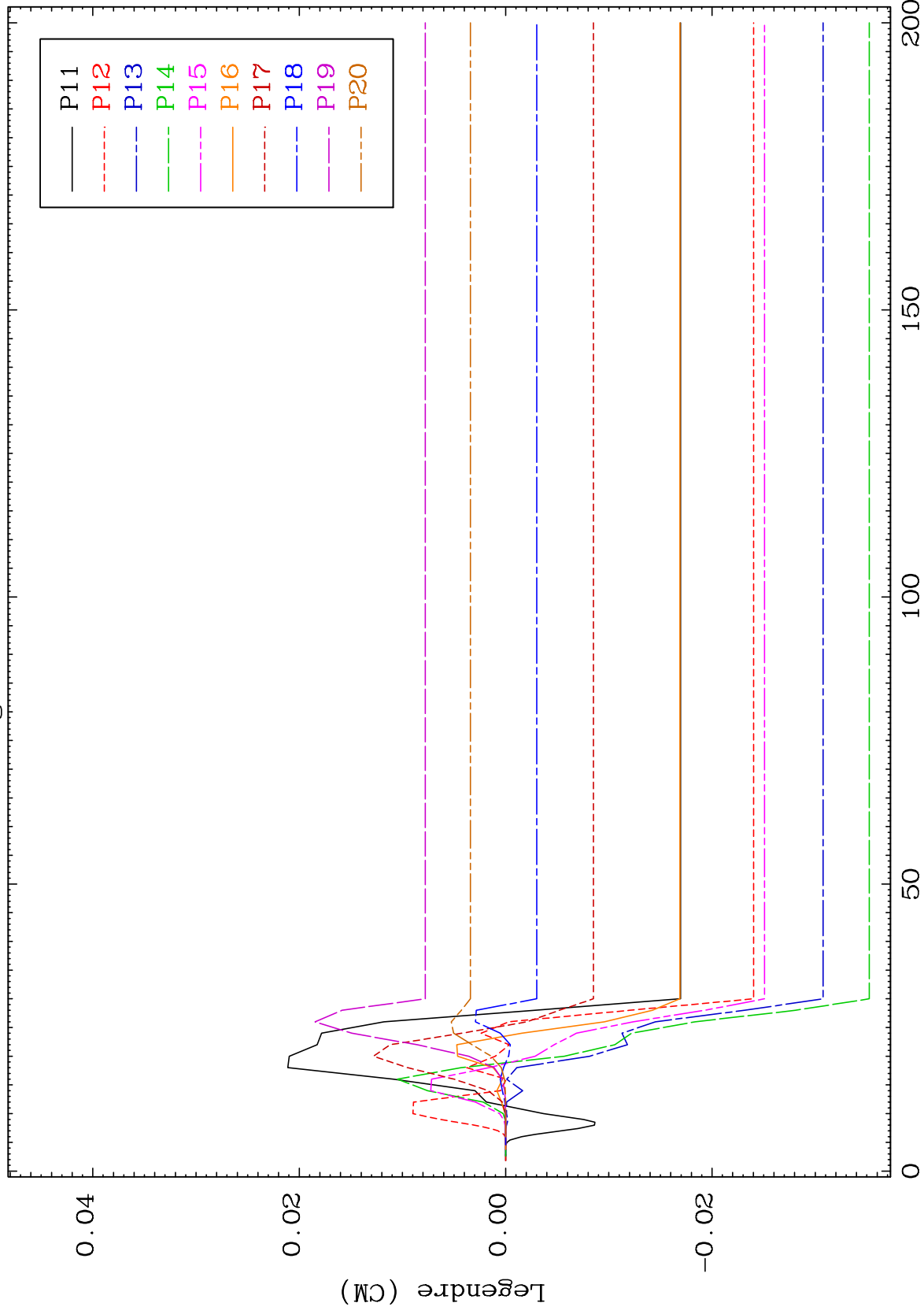
Incident Energy (MeV)

0

MAT 8225

899.2 keV (n,n') Level
Legendre Coefficients

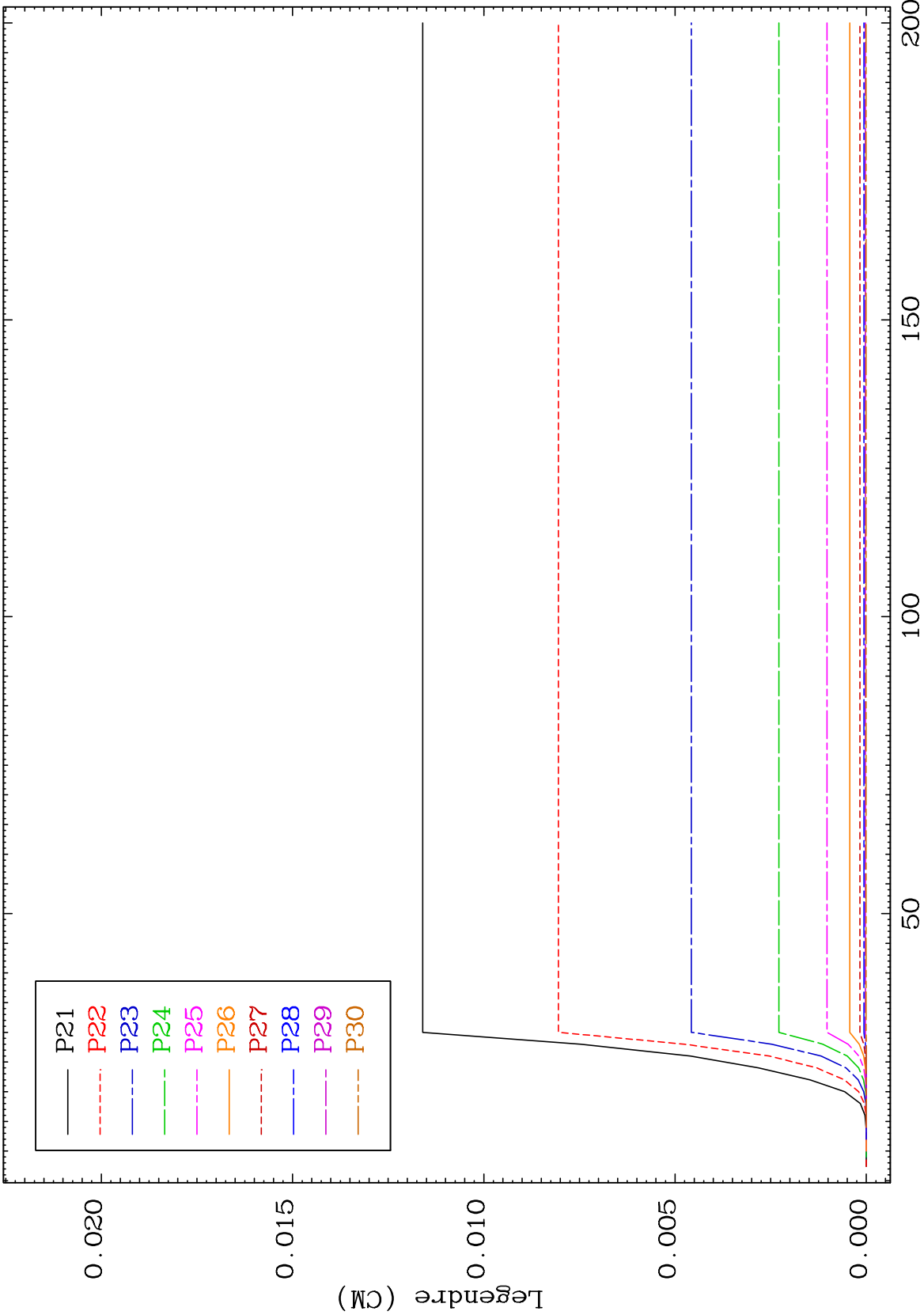
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MAT 8225

899.2 keV (n,n') Level
Legendre Coefficients

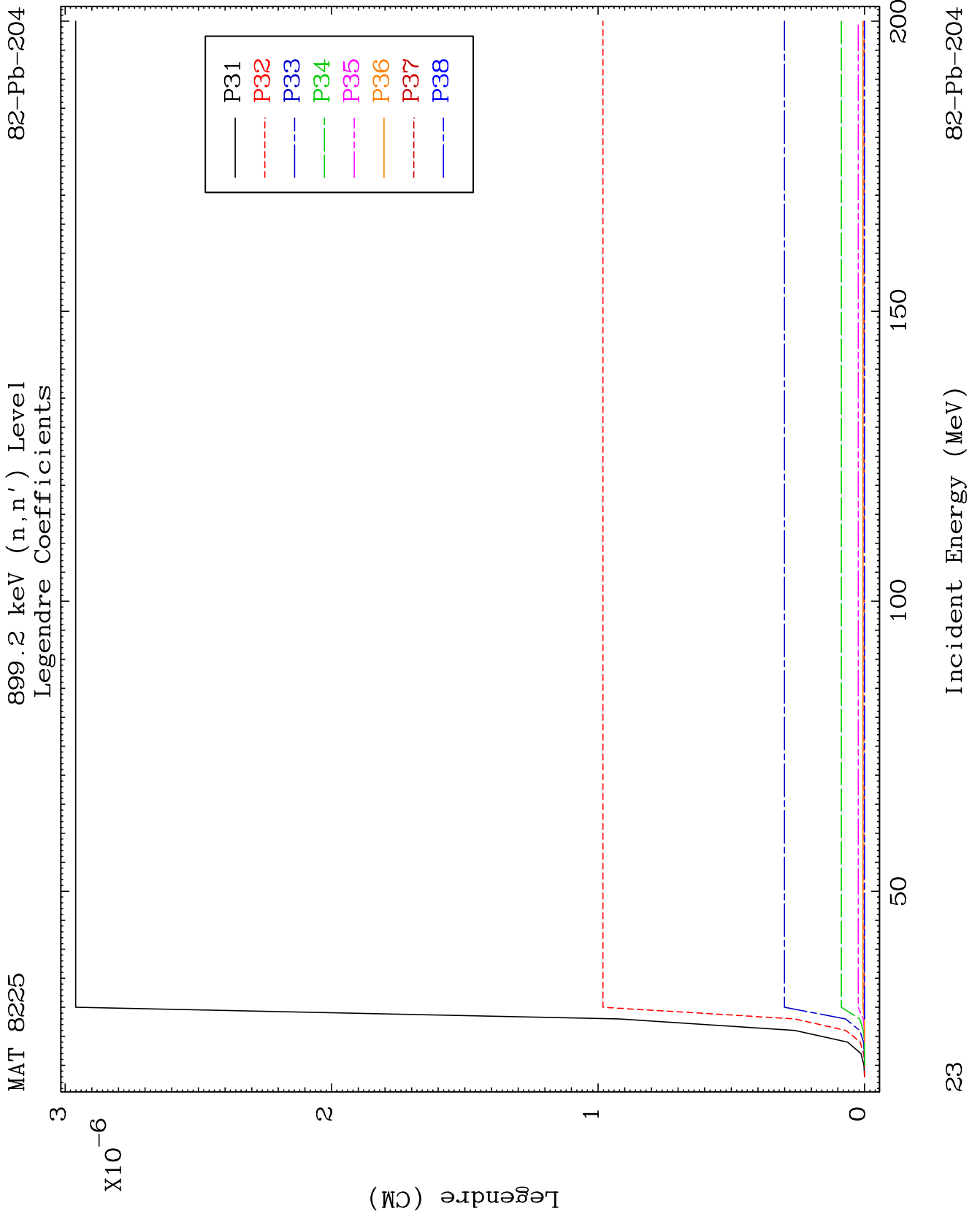
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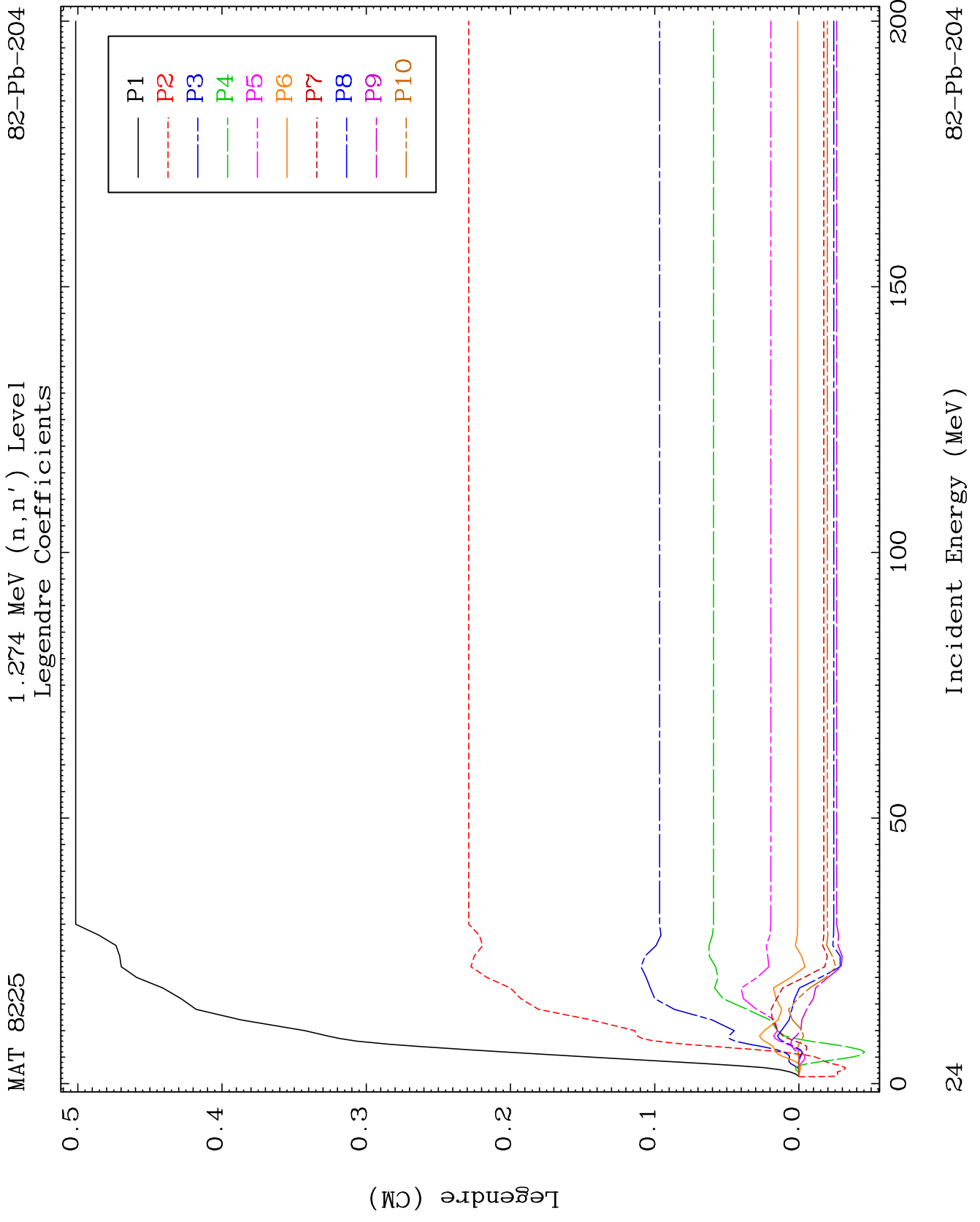


22

Incident Energy (MeV)

82-Pb-204

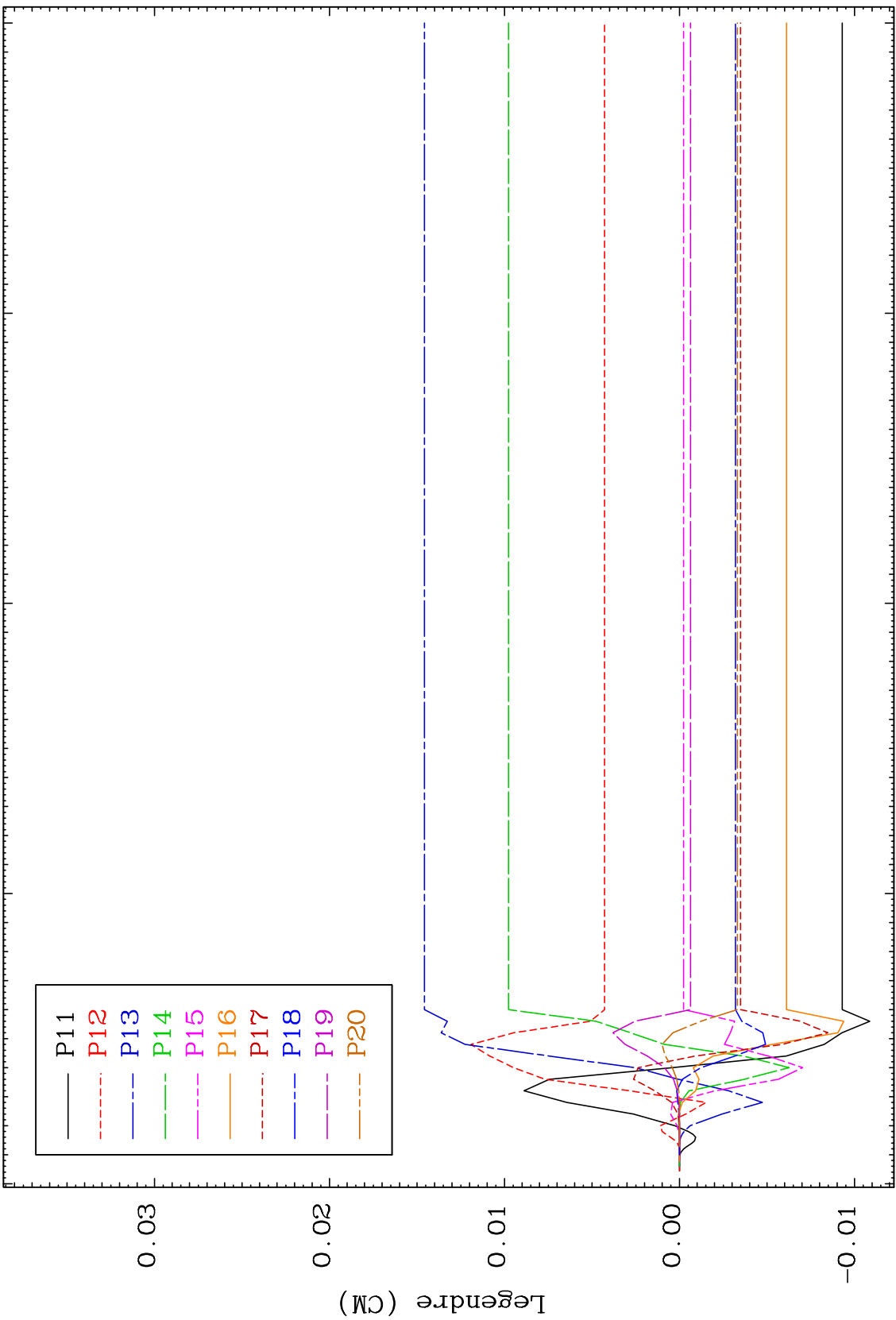




MAT 8225

1.274 MeV (n,n') Level
Legendre Coefficients

82-Pb-204



25

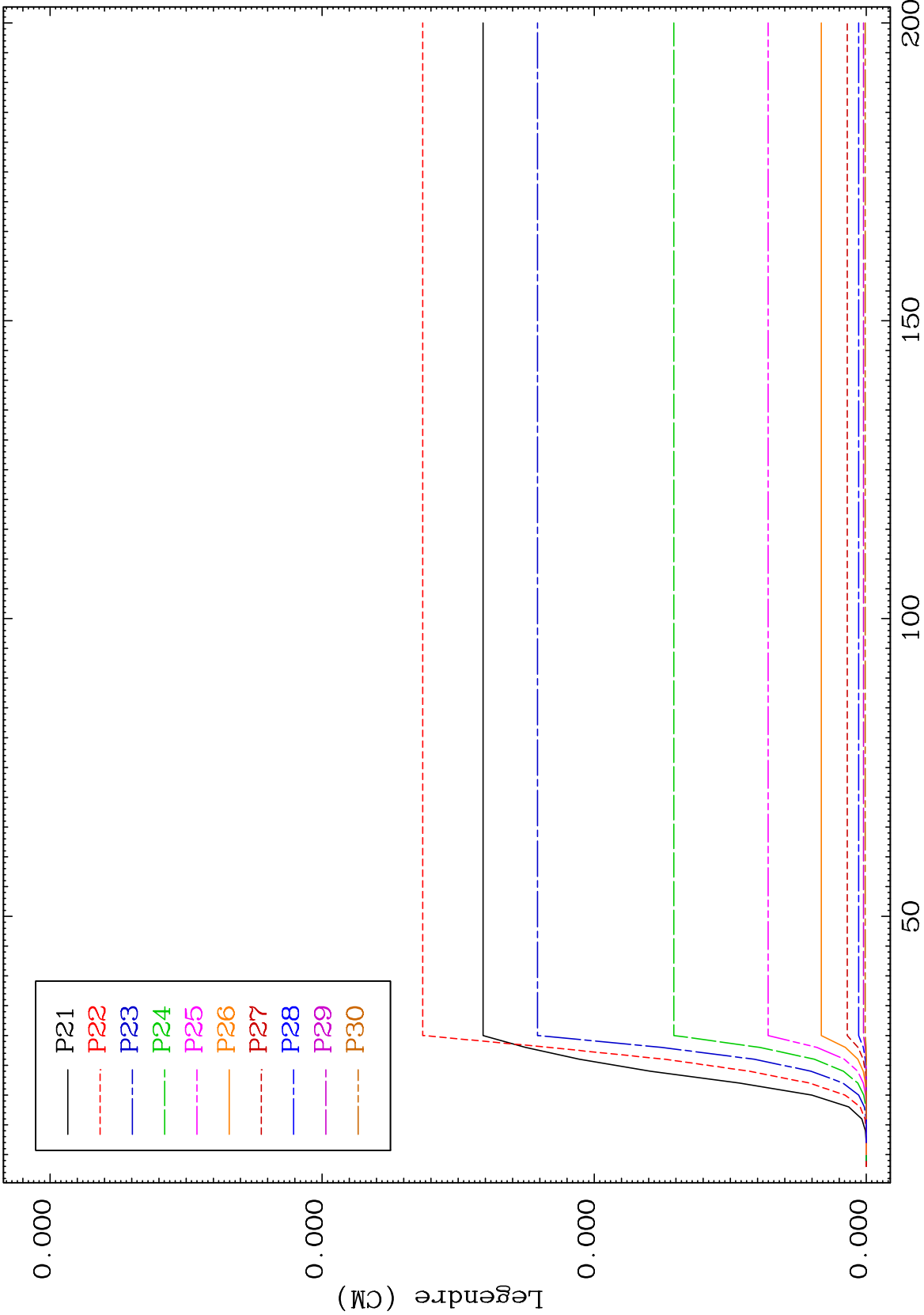
Incident Energy (MeV)

82-Pb-204

MAT 8225

1.274 MeV (n,n') Level
Legendre Coefficients

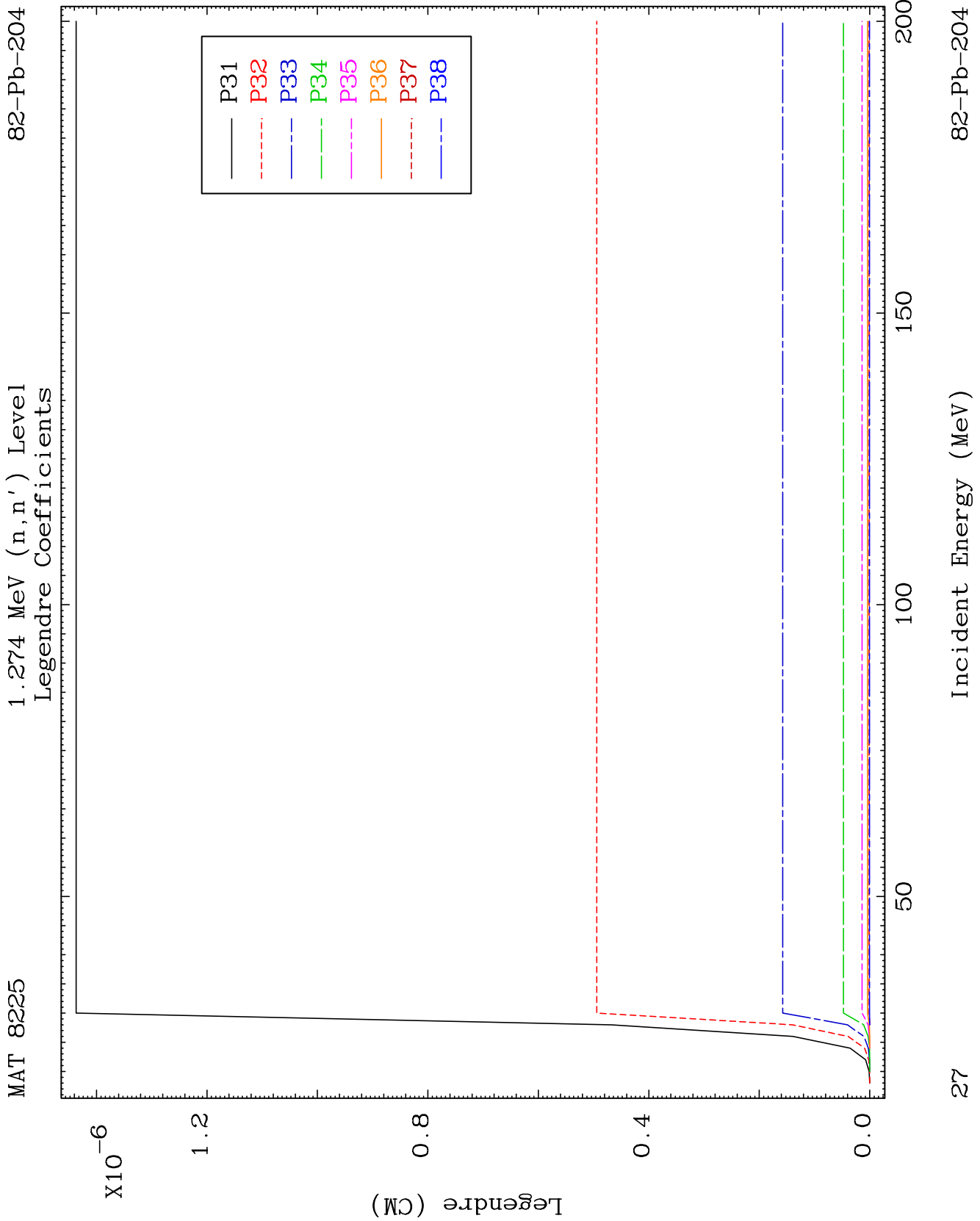
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26

Incident Energy (MeV)

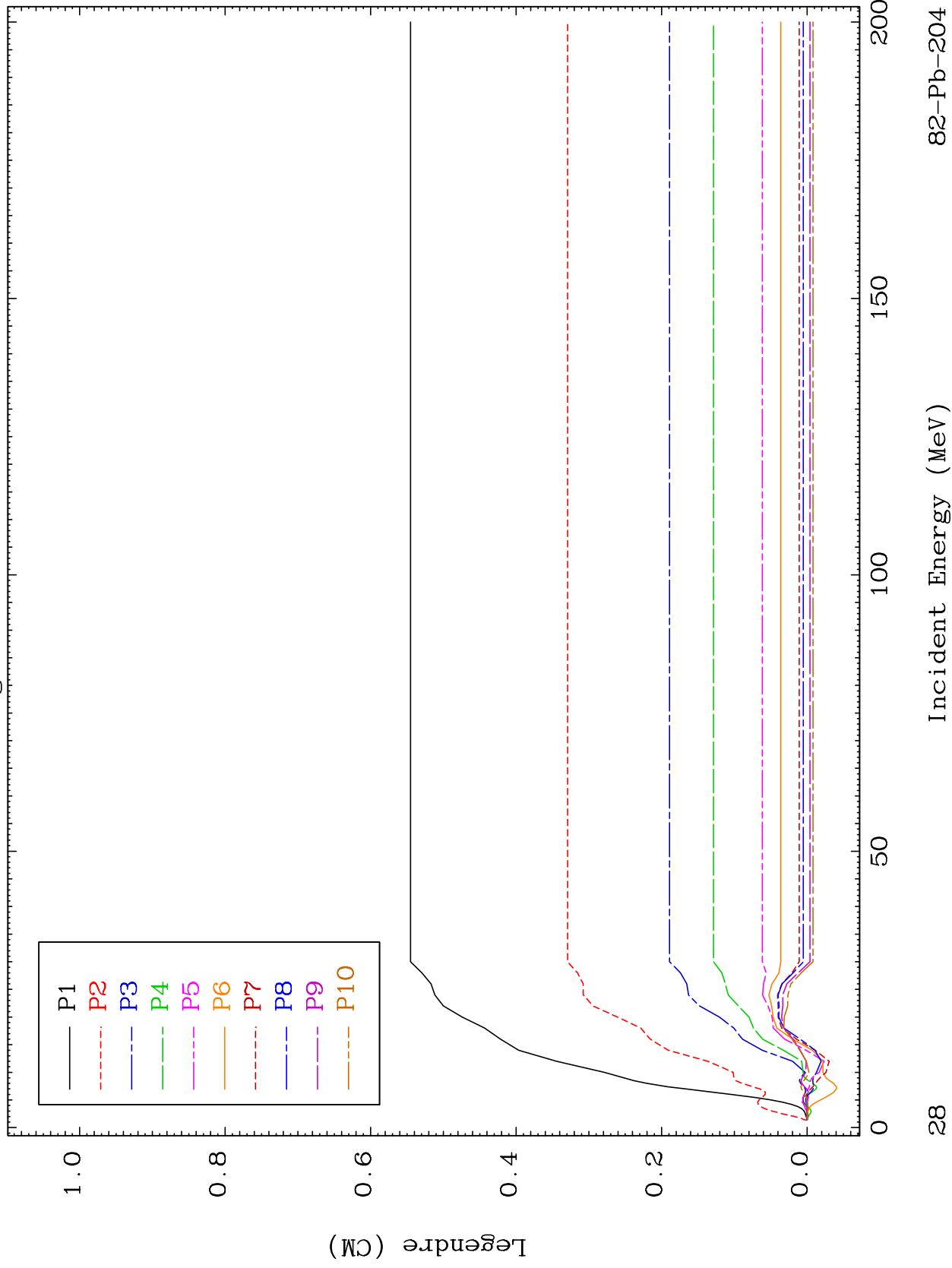
82-Pb-204



MAT 8225

1.351 MeV (n,n') Level
Legendre Coefficients

82-Pb-204

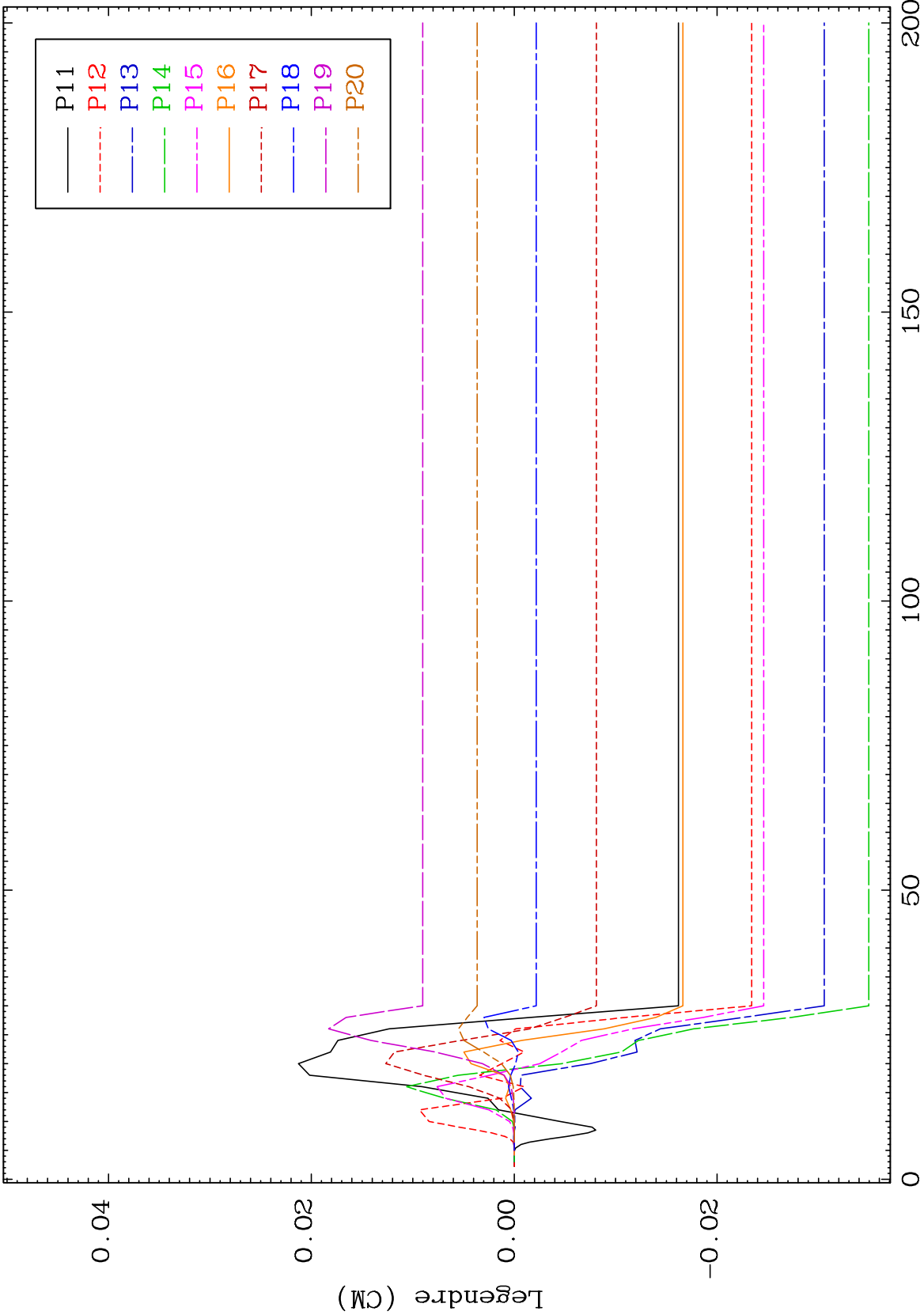


28

MAT 8225

1.351 MeV (n,n') Level
Legendre Coefficients

82-Pb-204



29

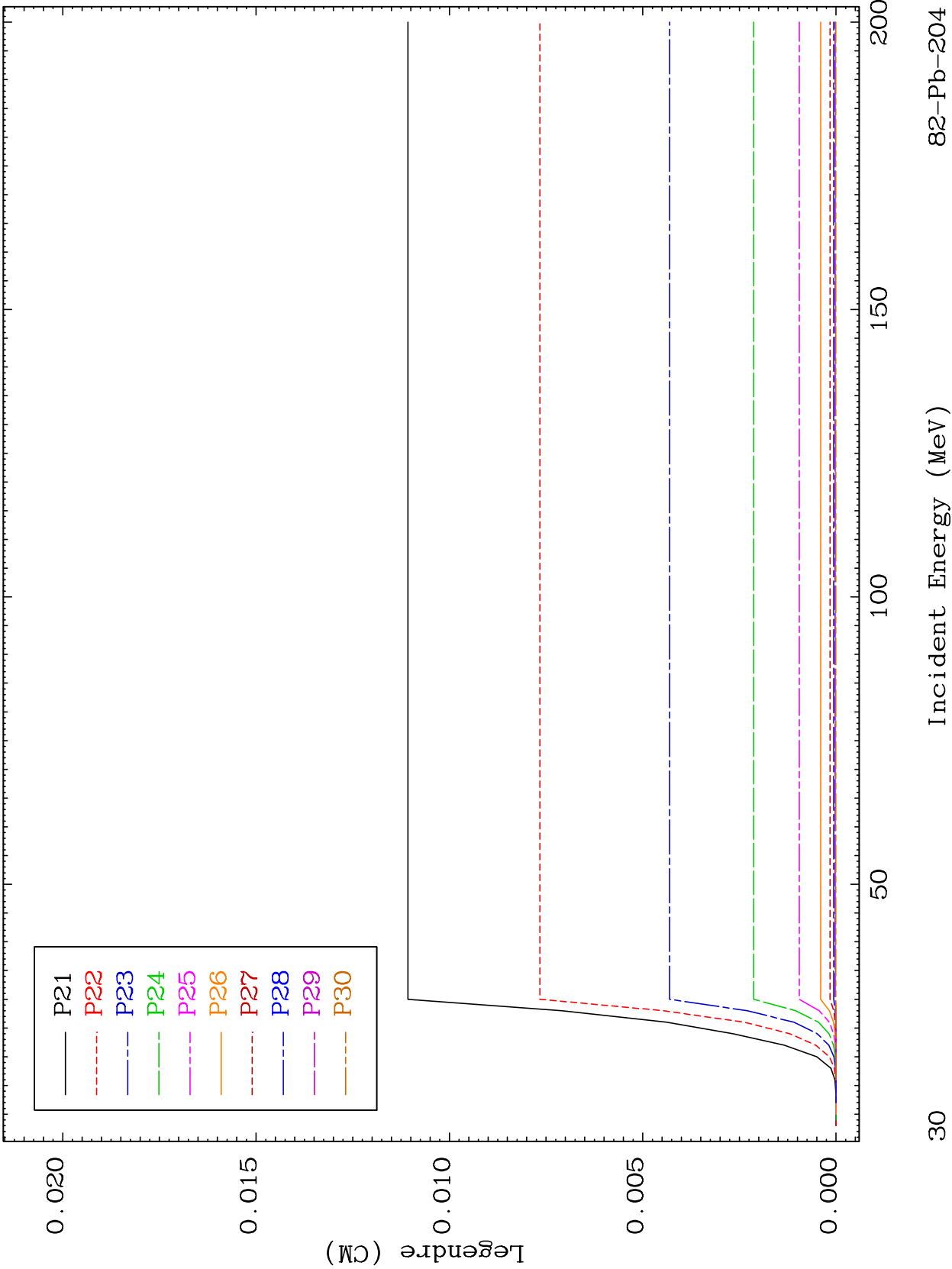
Incident Energy (MeV)

82-Pb-204

MAT 8225

1.351 MeV (n,n') Level
Legendre Coefficients

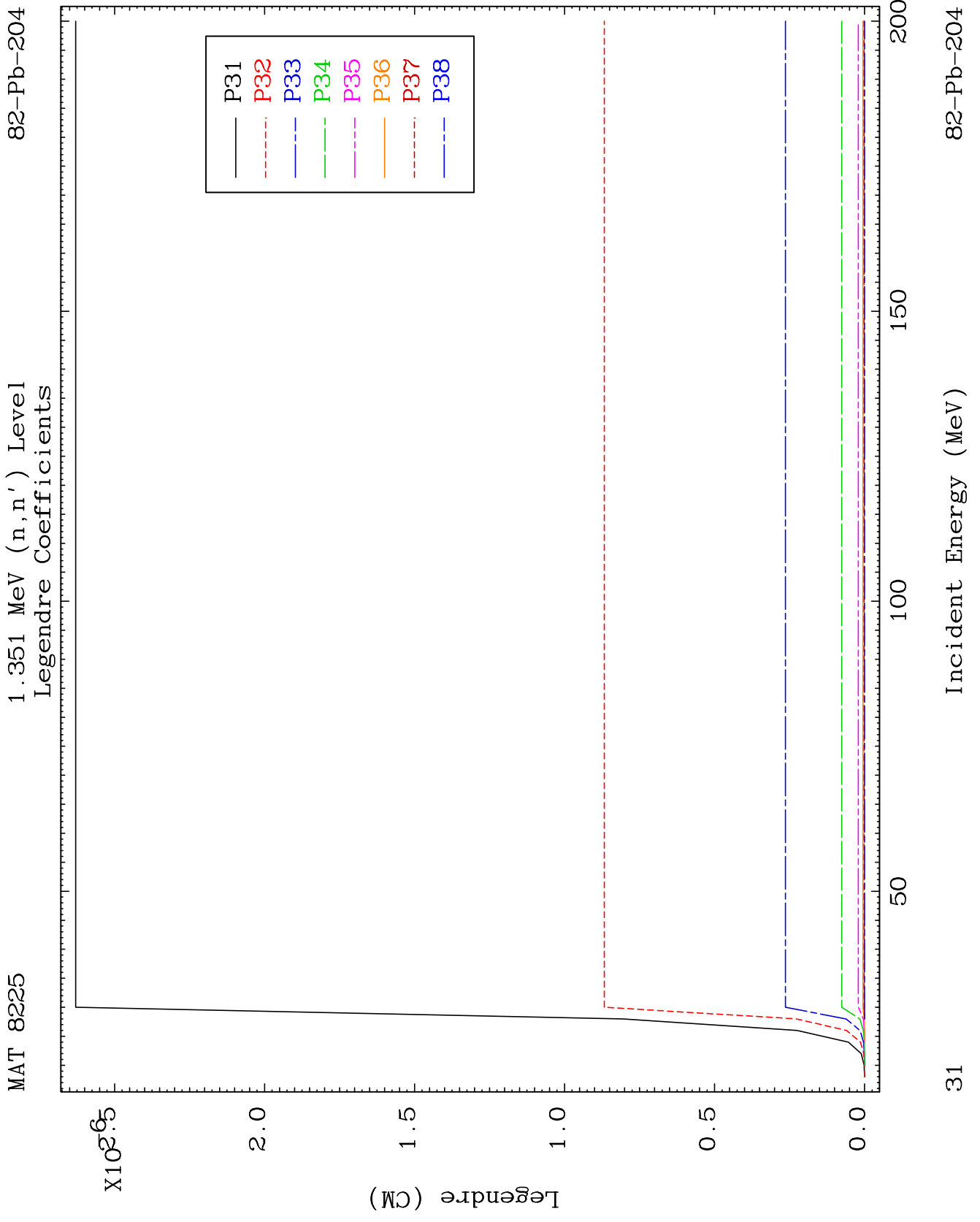
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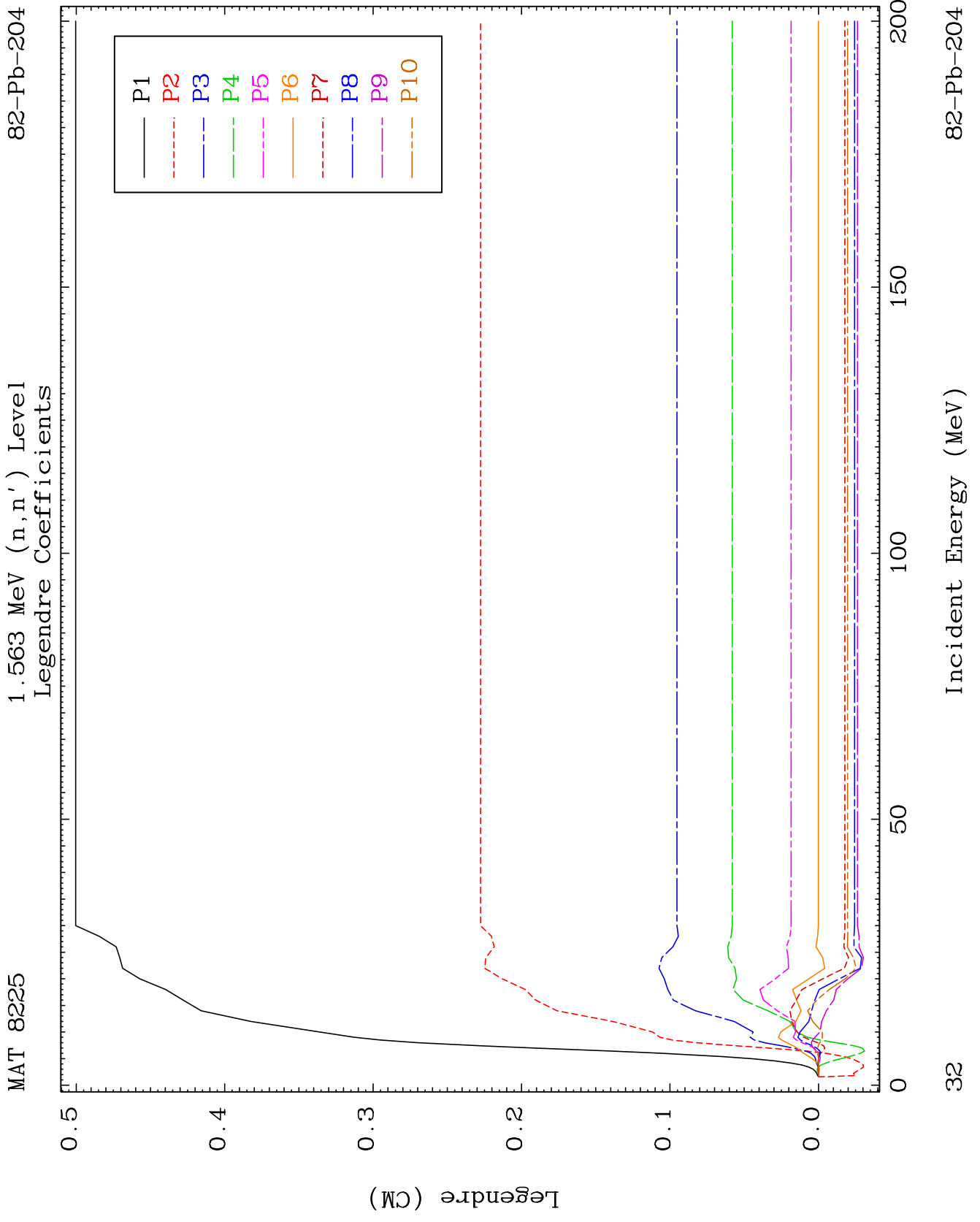


30

Incident Energy (MeV)

82-Pb-204

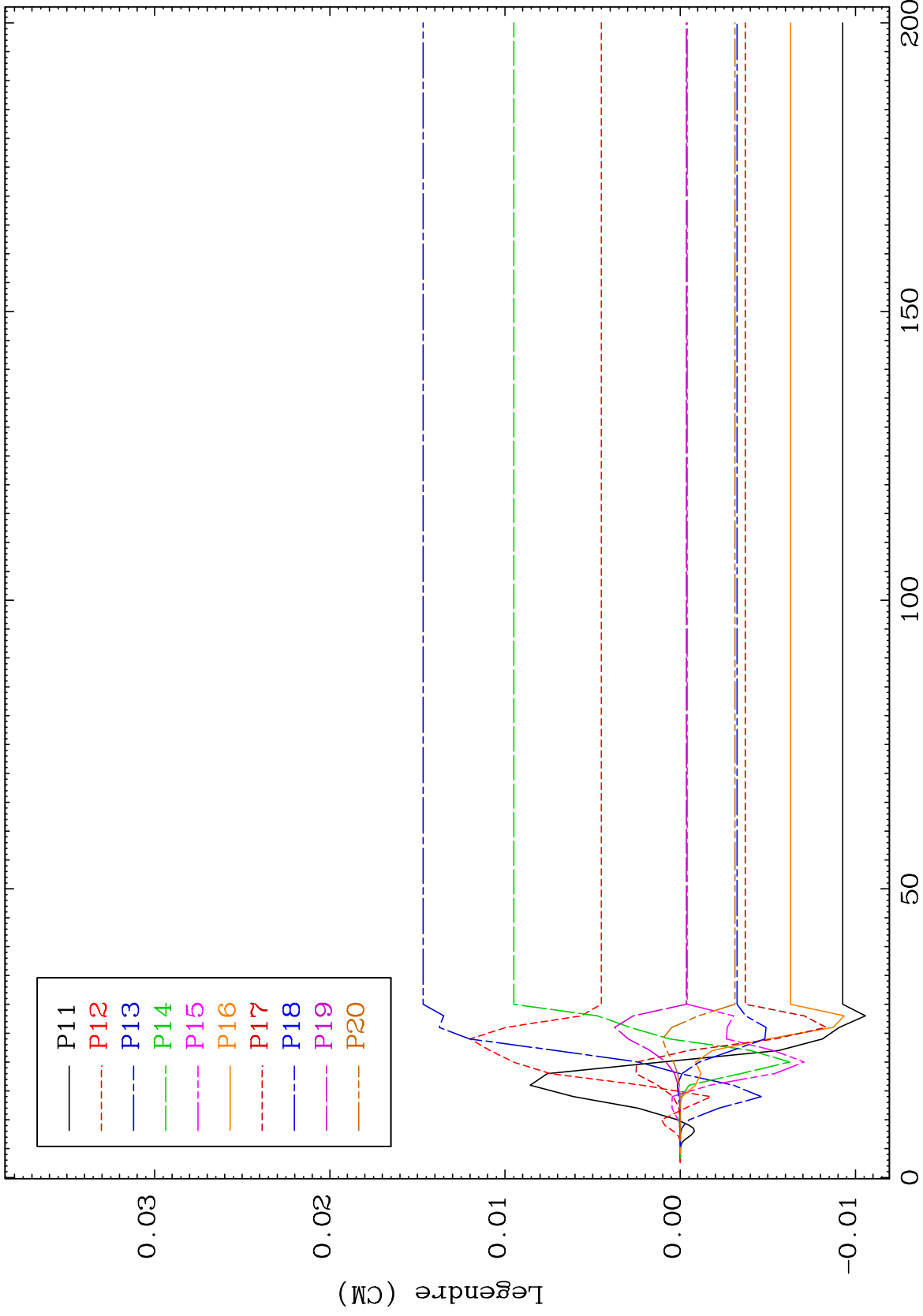




MAT 8225

1.563 MeV (n,n') Level
Legendre Coefficients

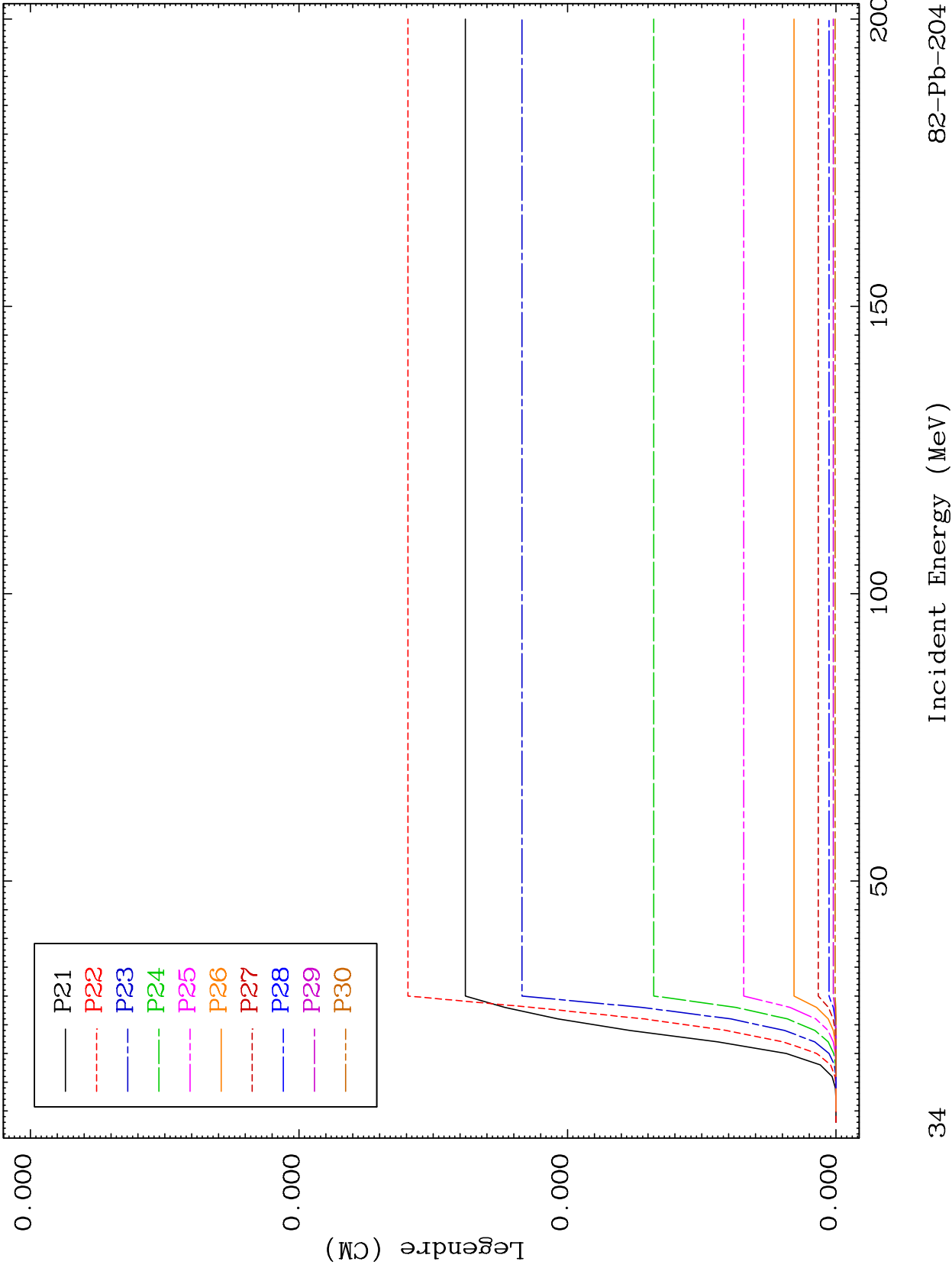
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MAT 8225

1.563 MeV (n,n') Level
Legendre Coefficients

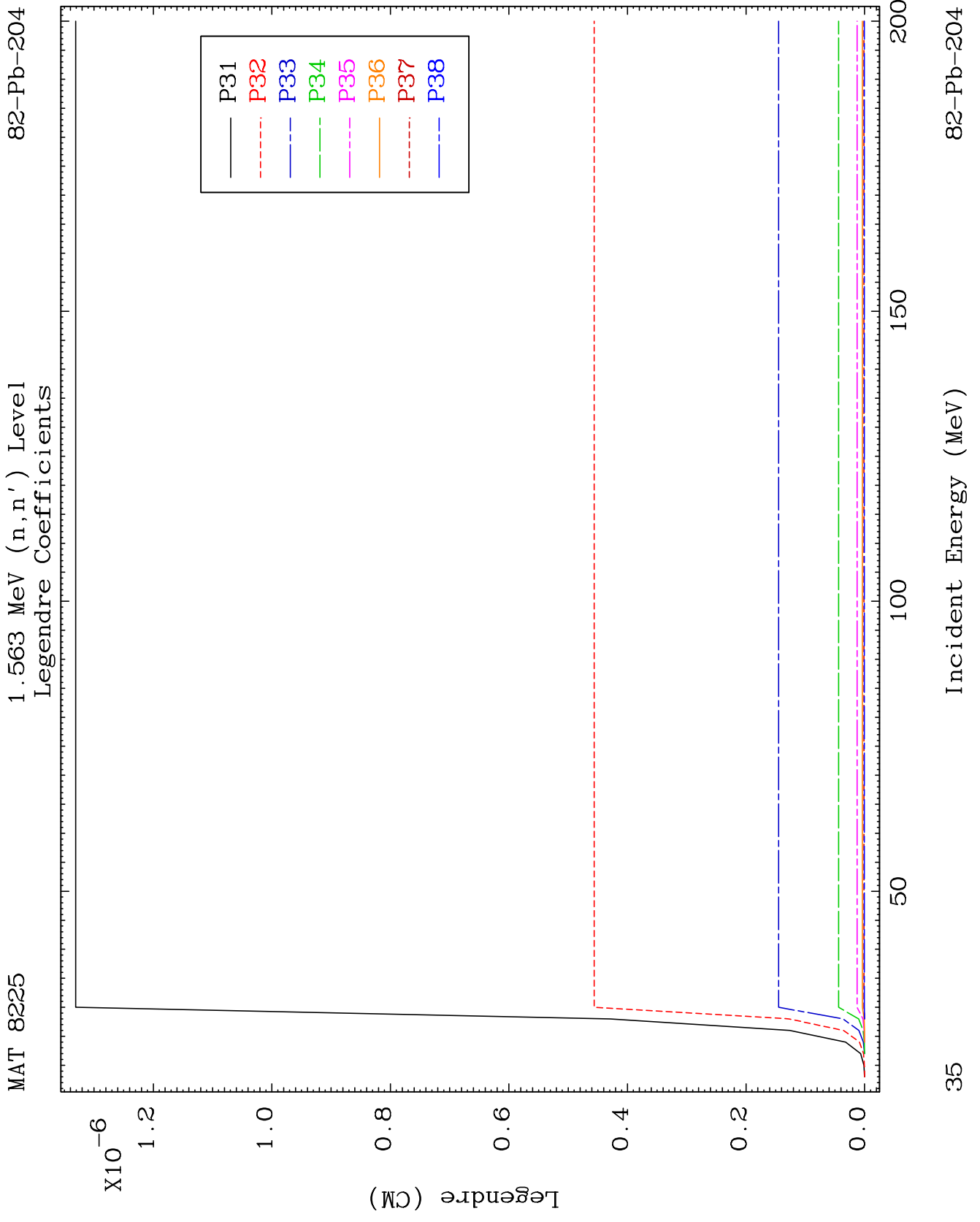
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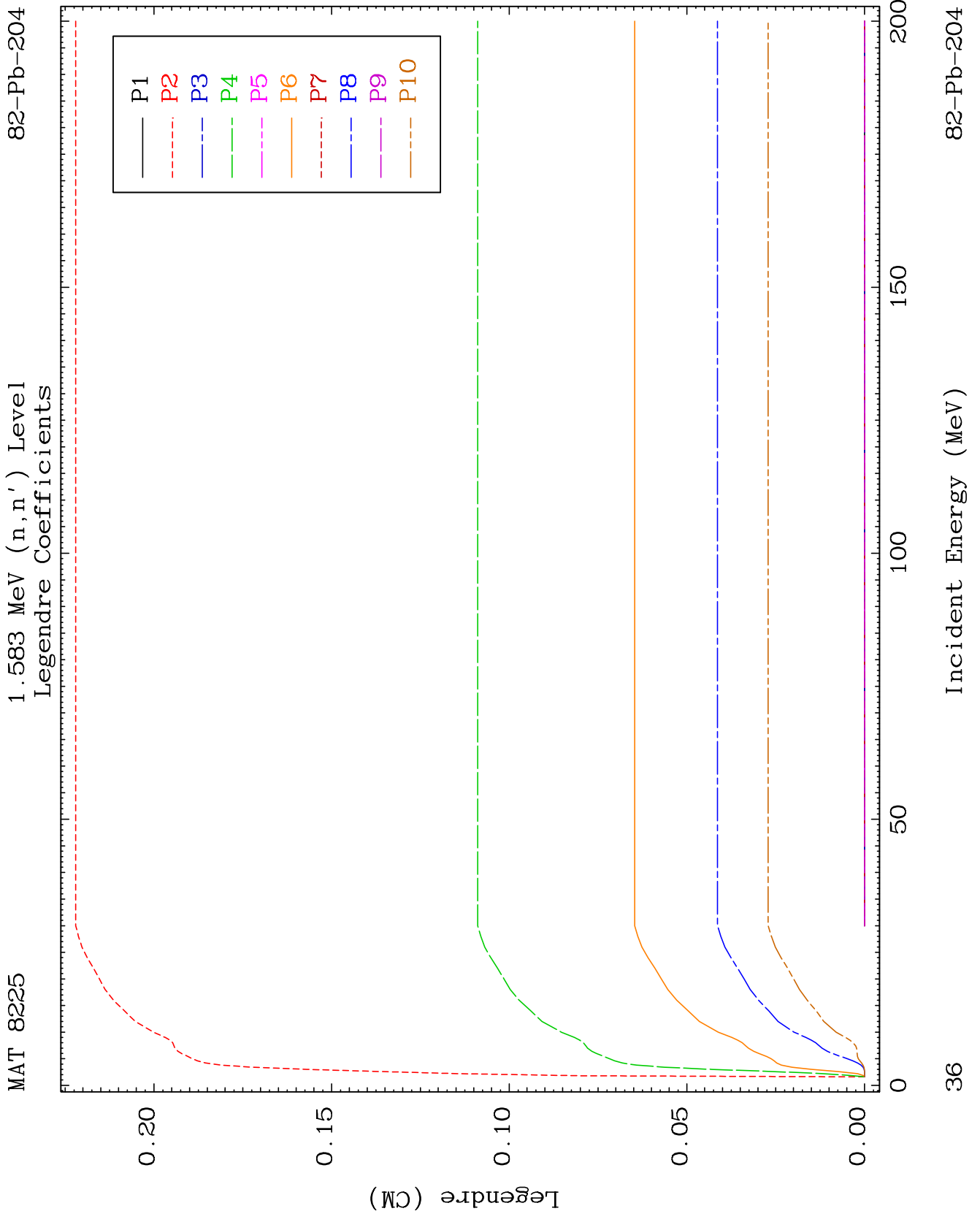


34

Incident Energy (MeV)

82-Pb-204

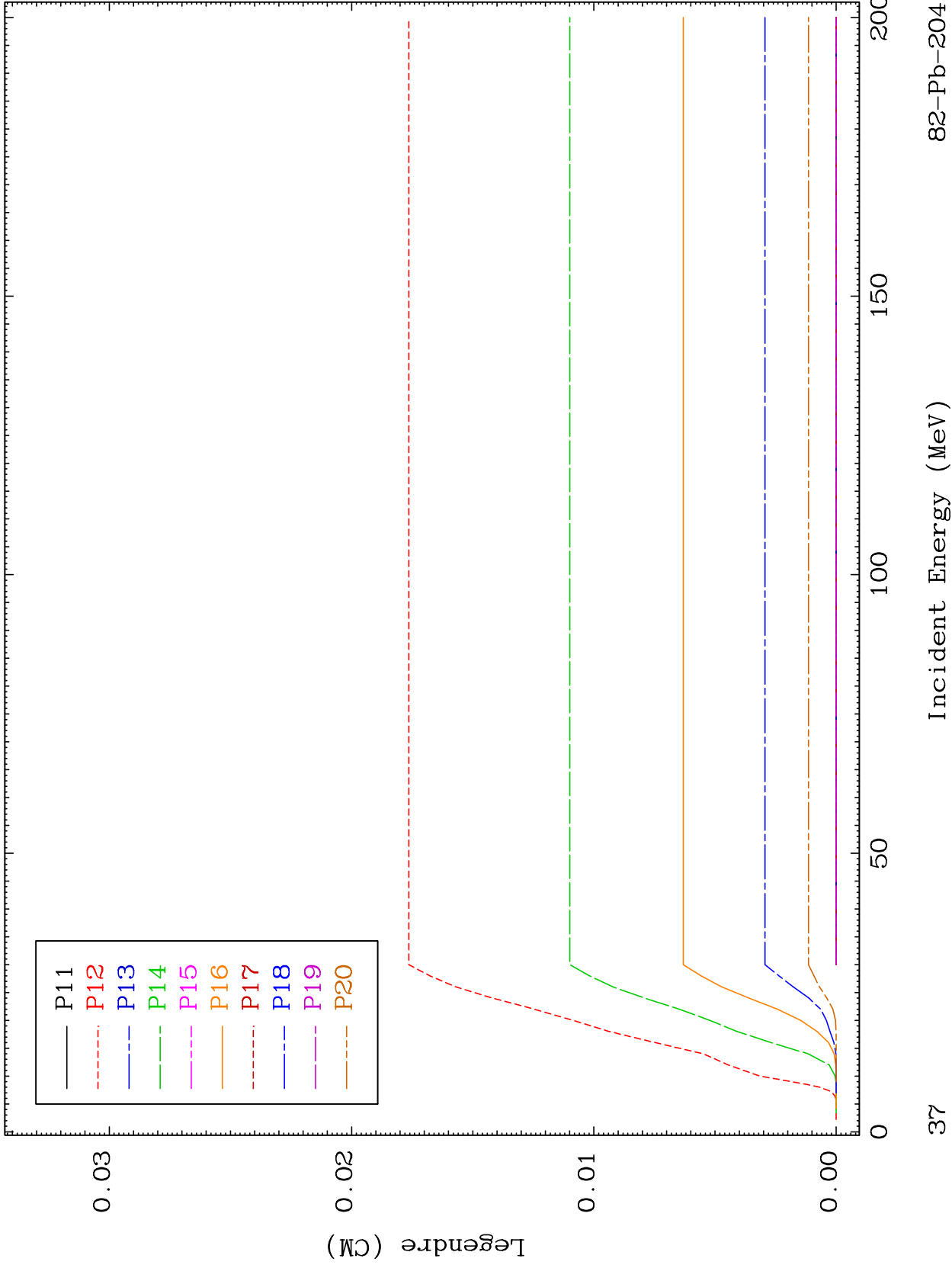


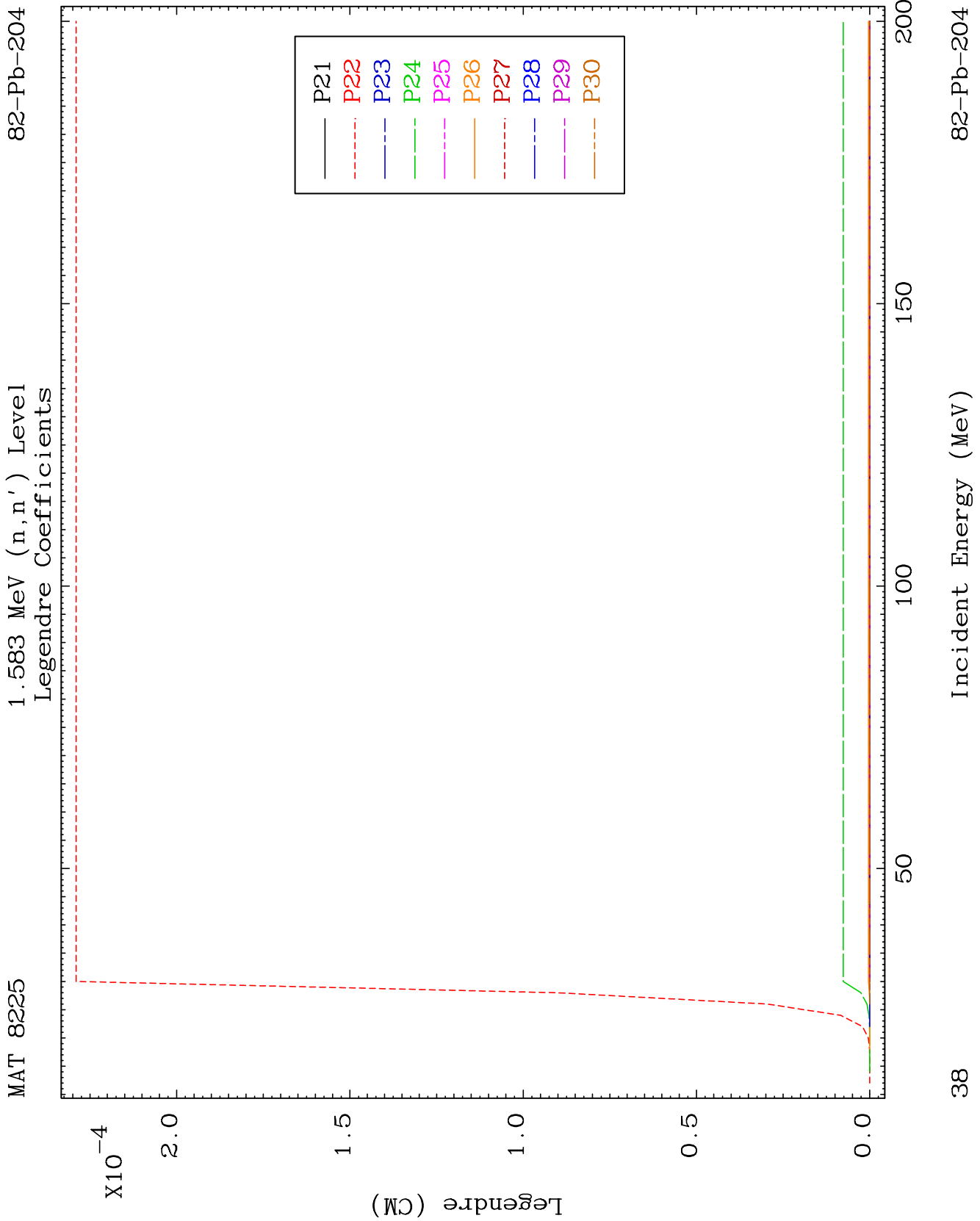


MAT 8225

1.583 MeV (n, n') Level
Legendre Coefficients

82-Pb-204

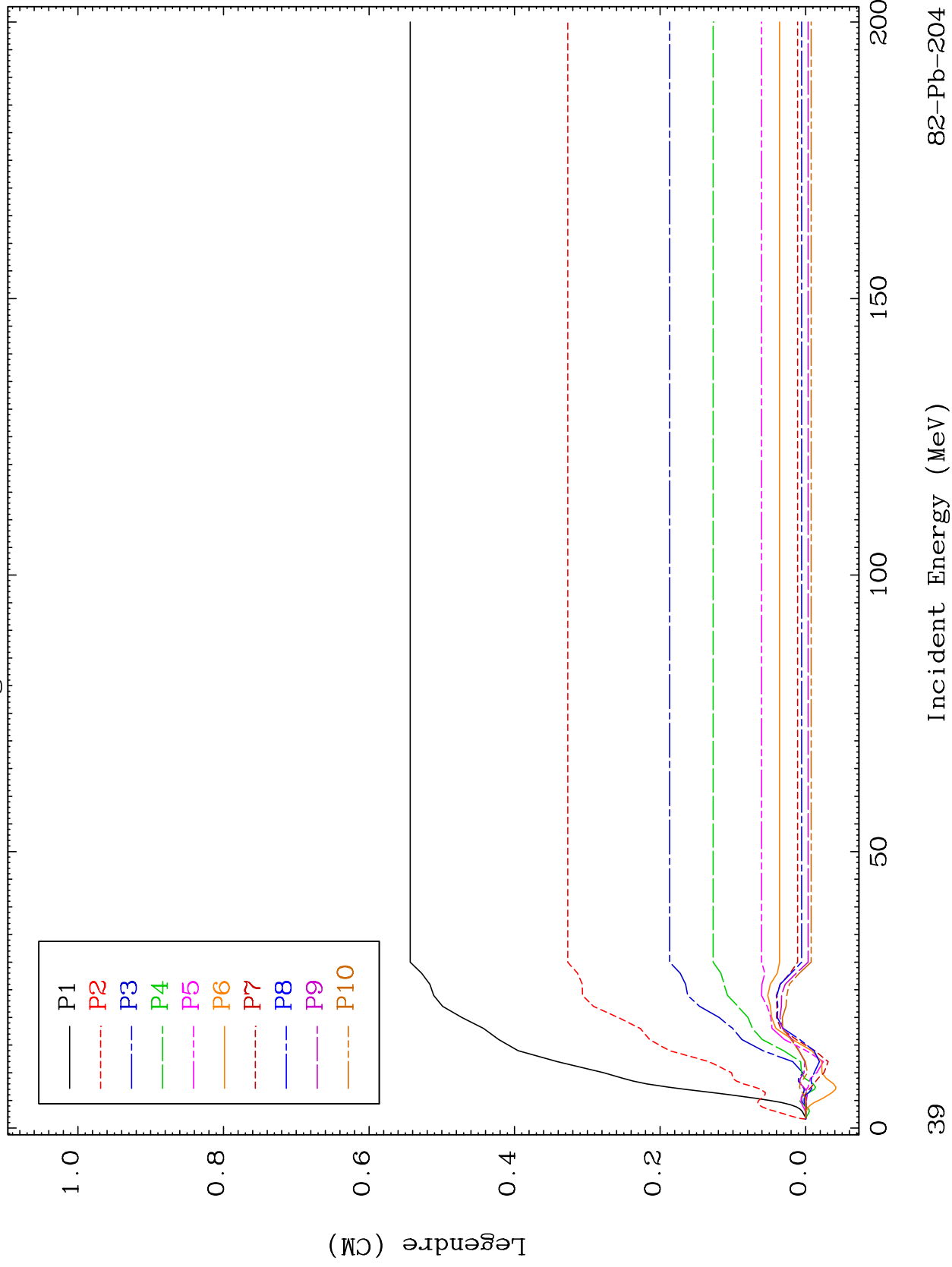




MAT 8225

1.594 MeV (n,n') Level
Legendre Coefficients

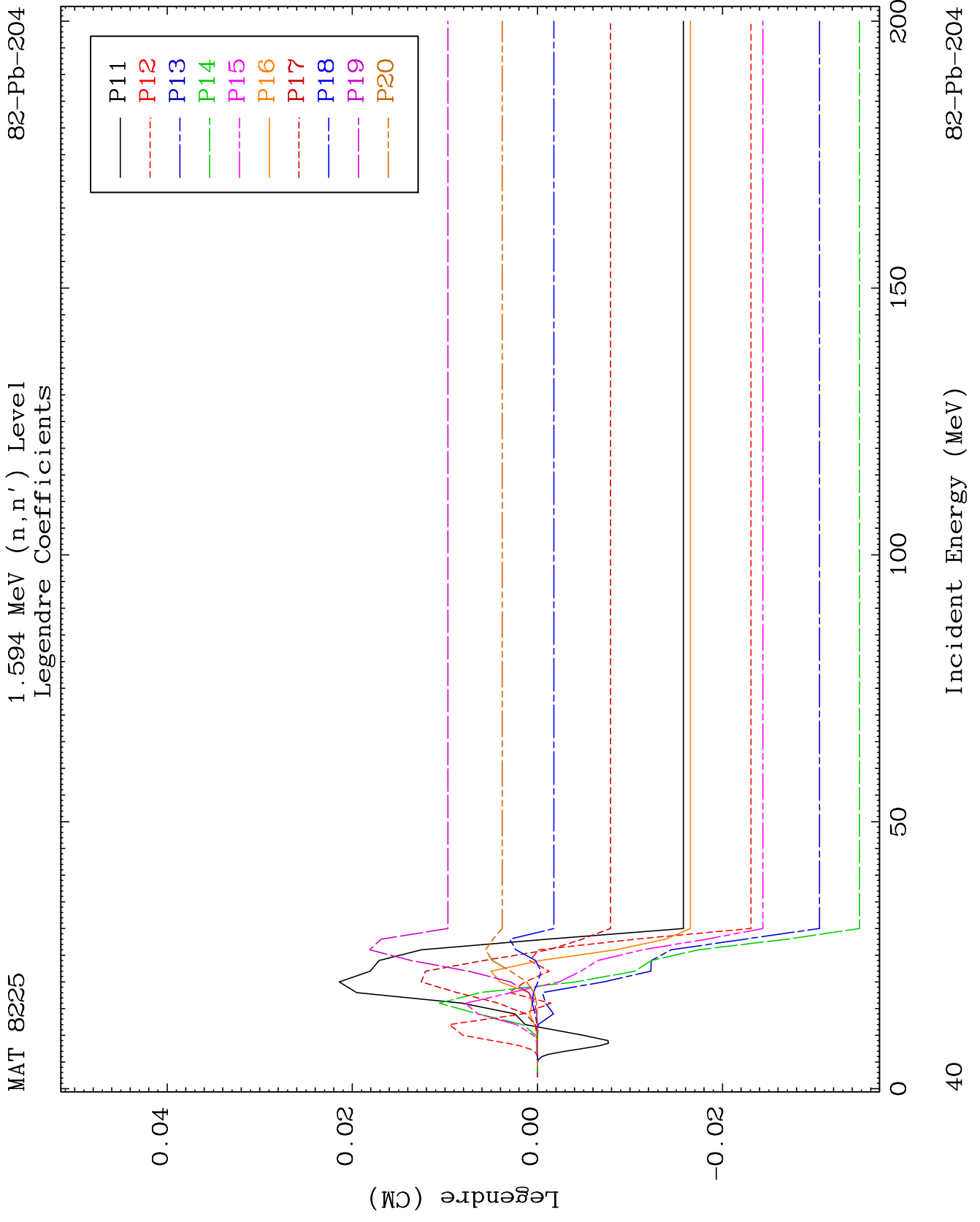
82-Pb-204



82-Pb-204

Incident Energy (MeV)

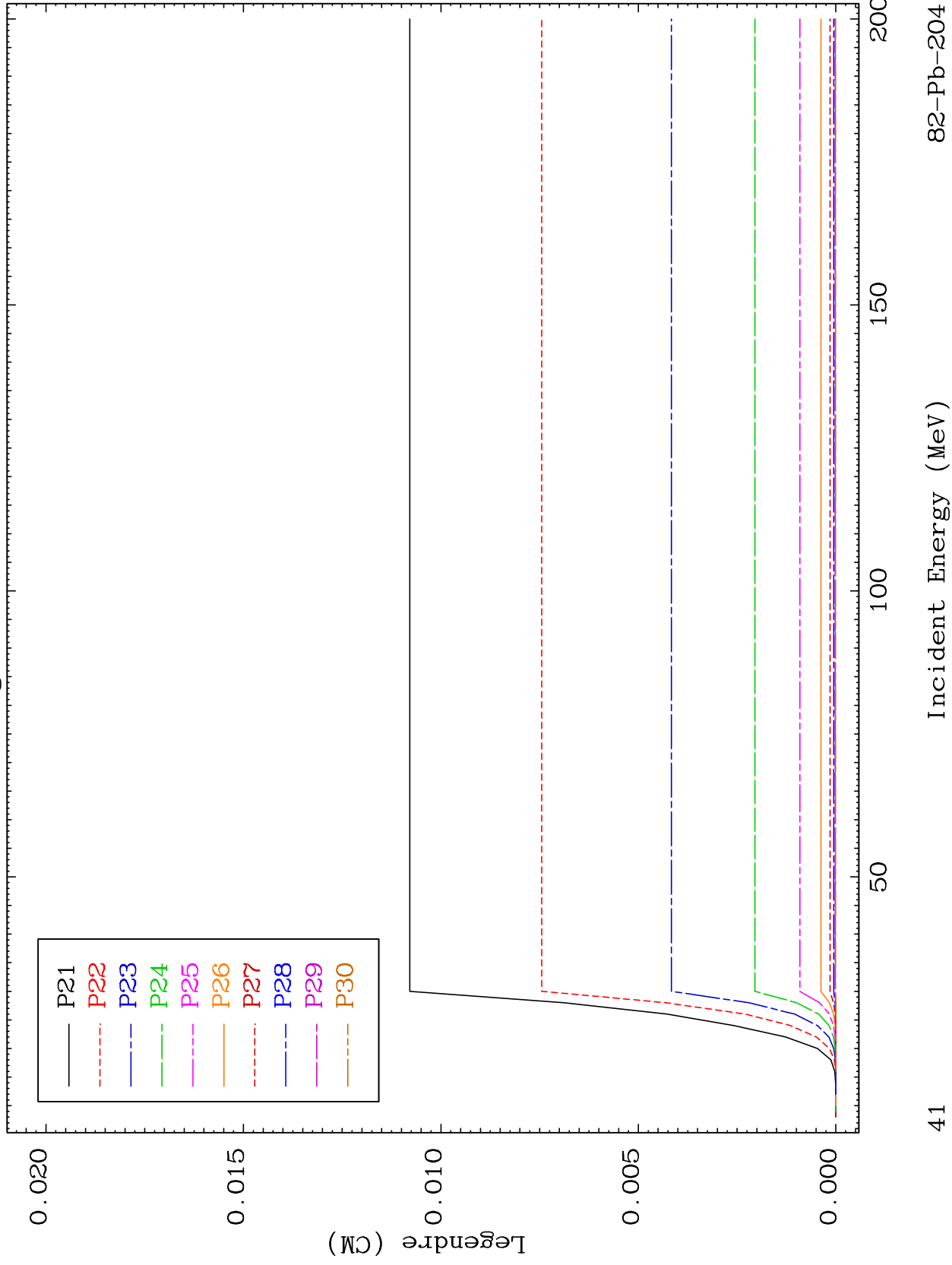
39



MAT 8225

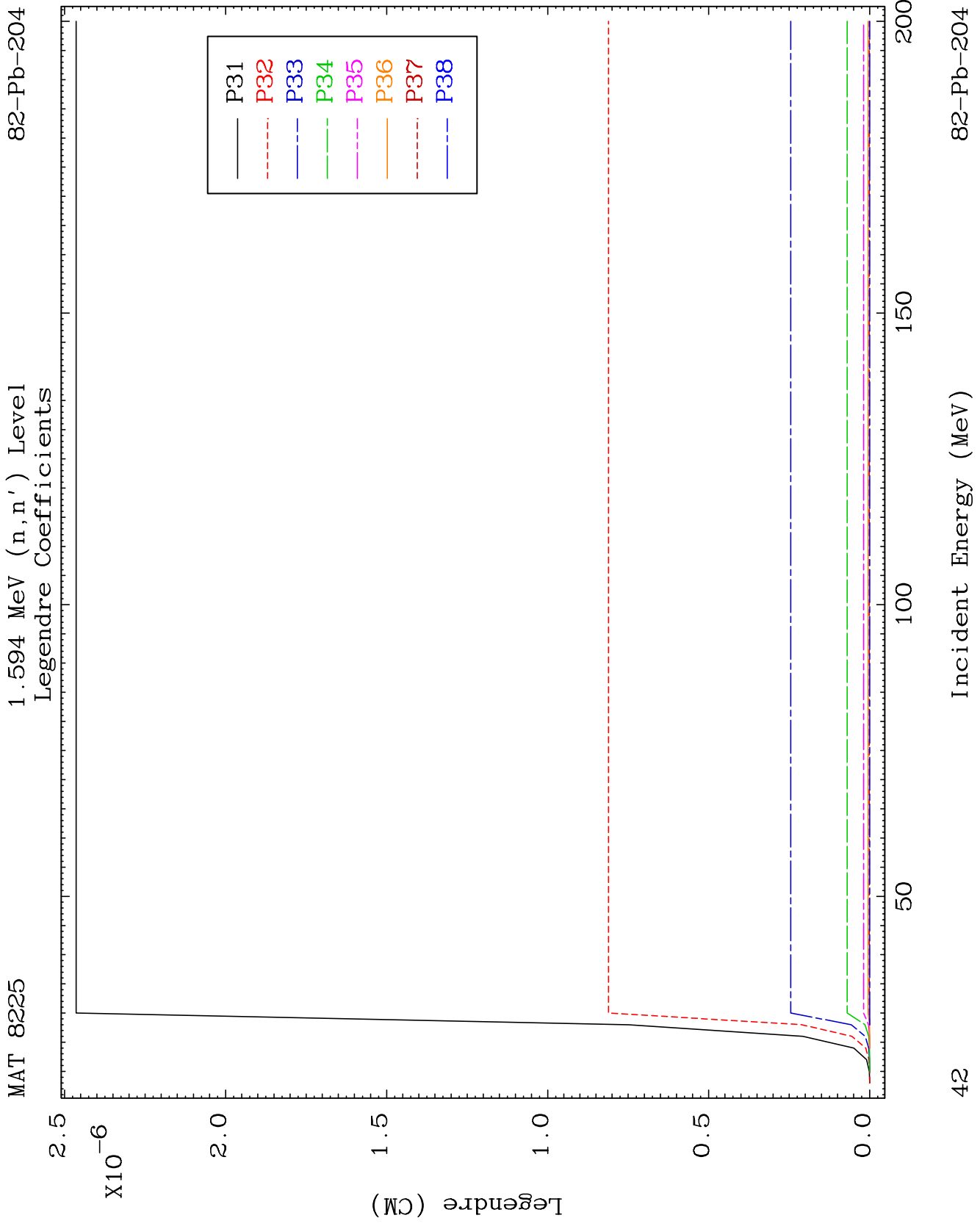
1.594 MeV (n,n') Level
Legendre Coefficients

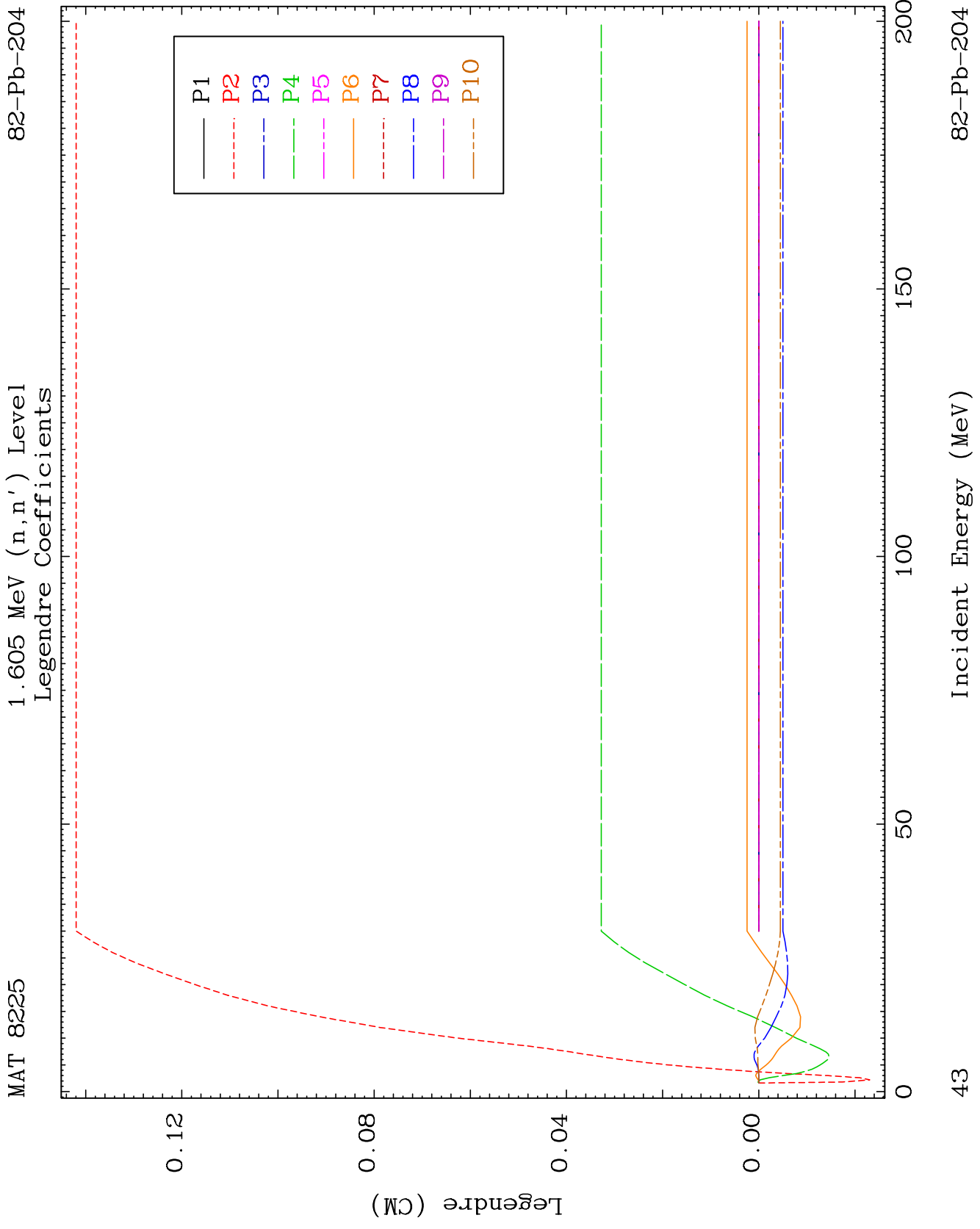
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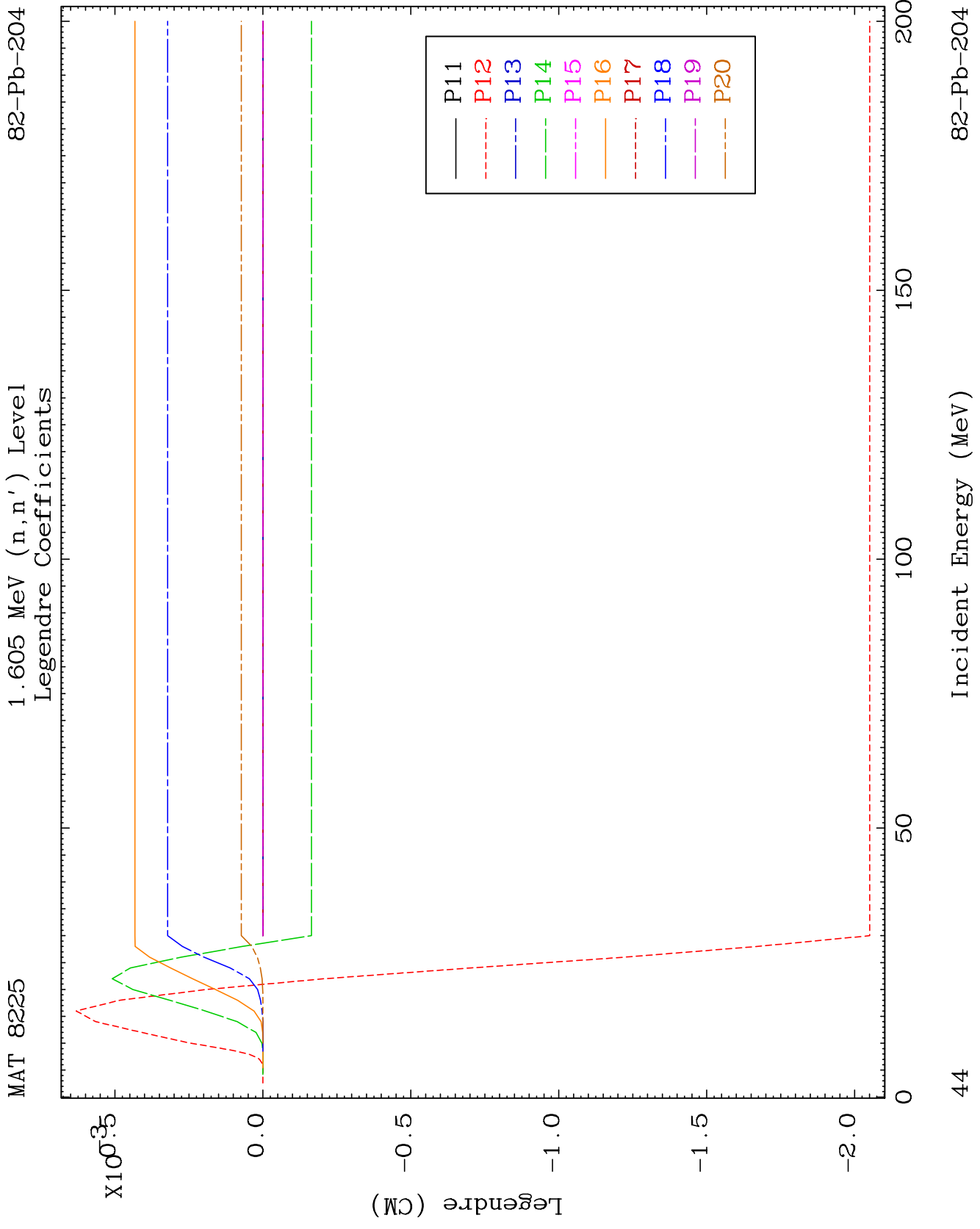


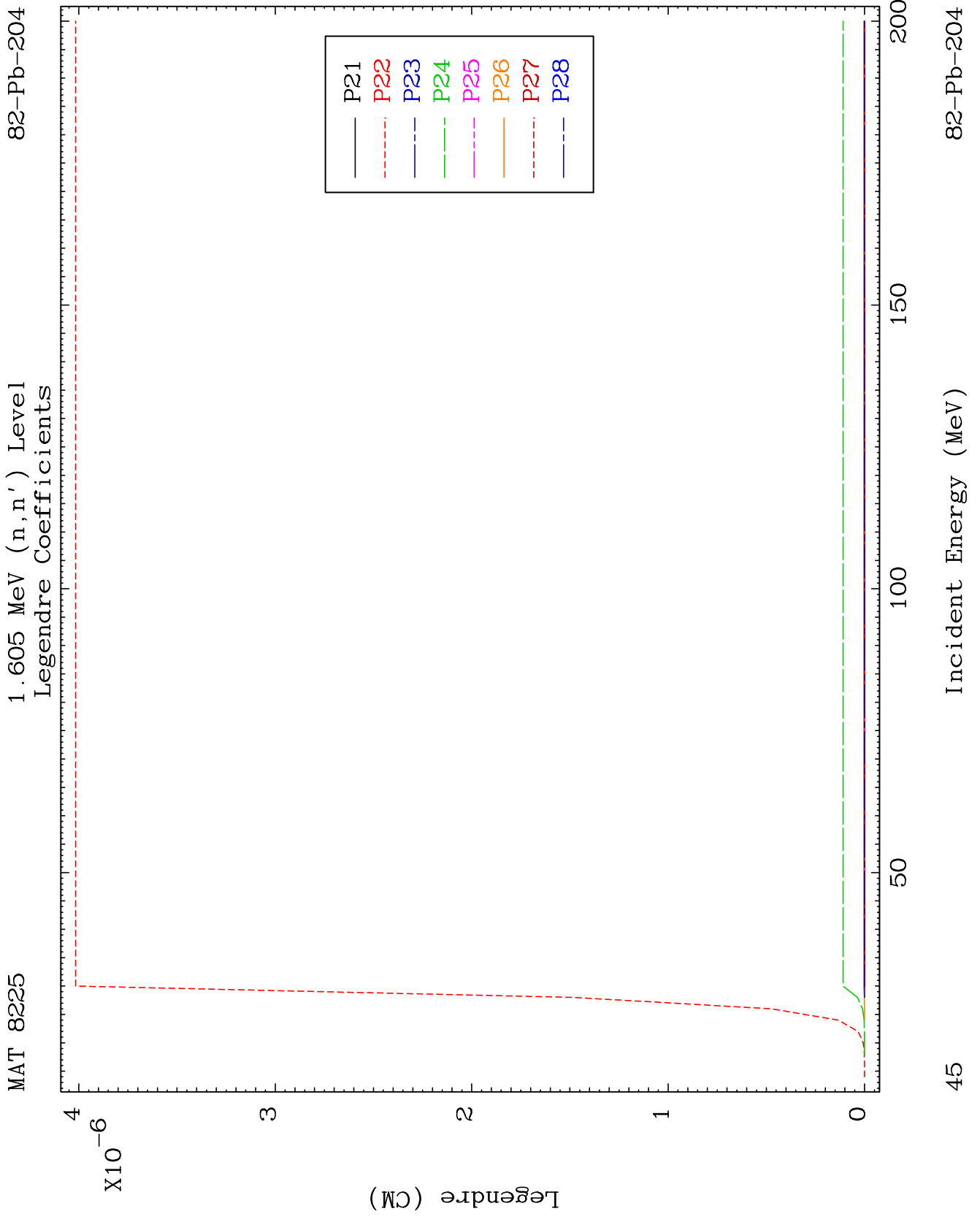
41

82-Pb-204





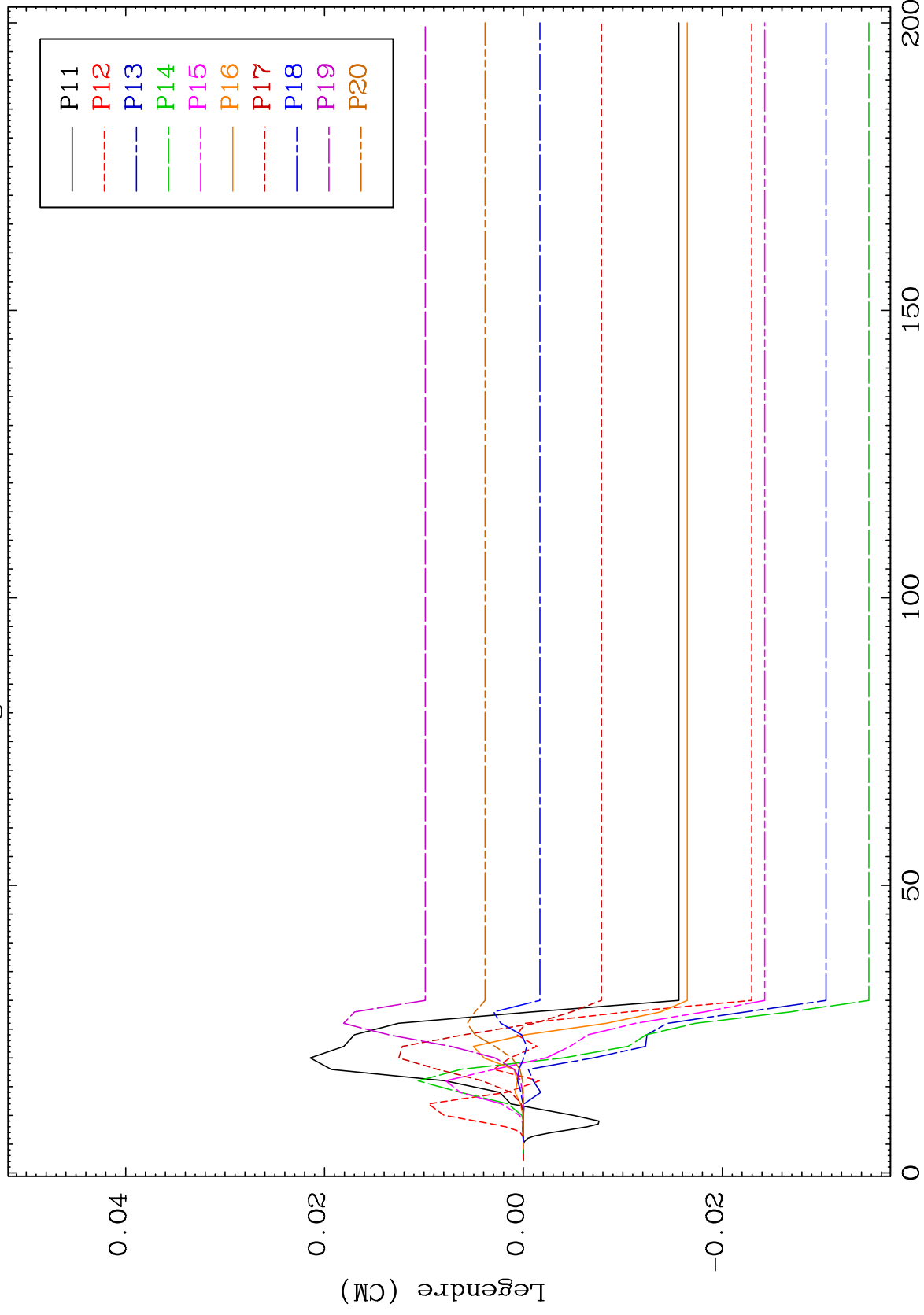




MAT 8225

1.665 MeV (n,n') Level
Legendre Coefficients

82-Pb-204



47

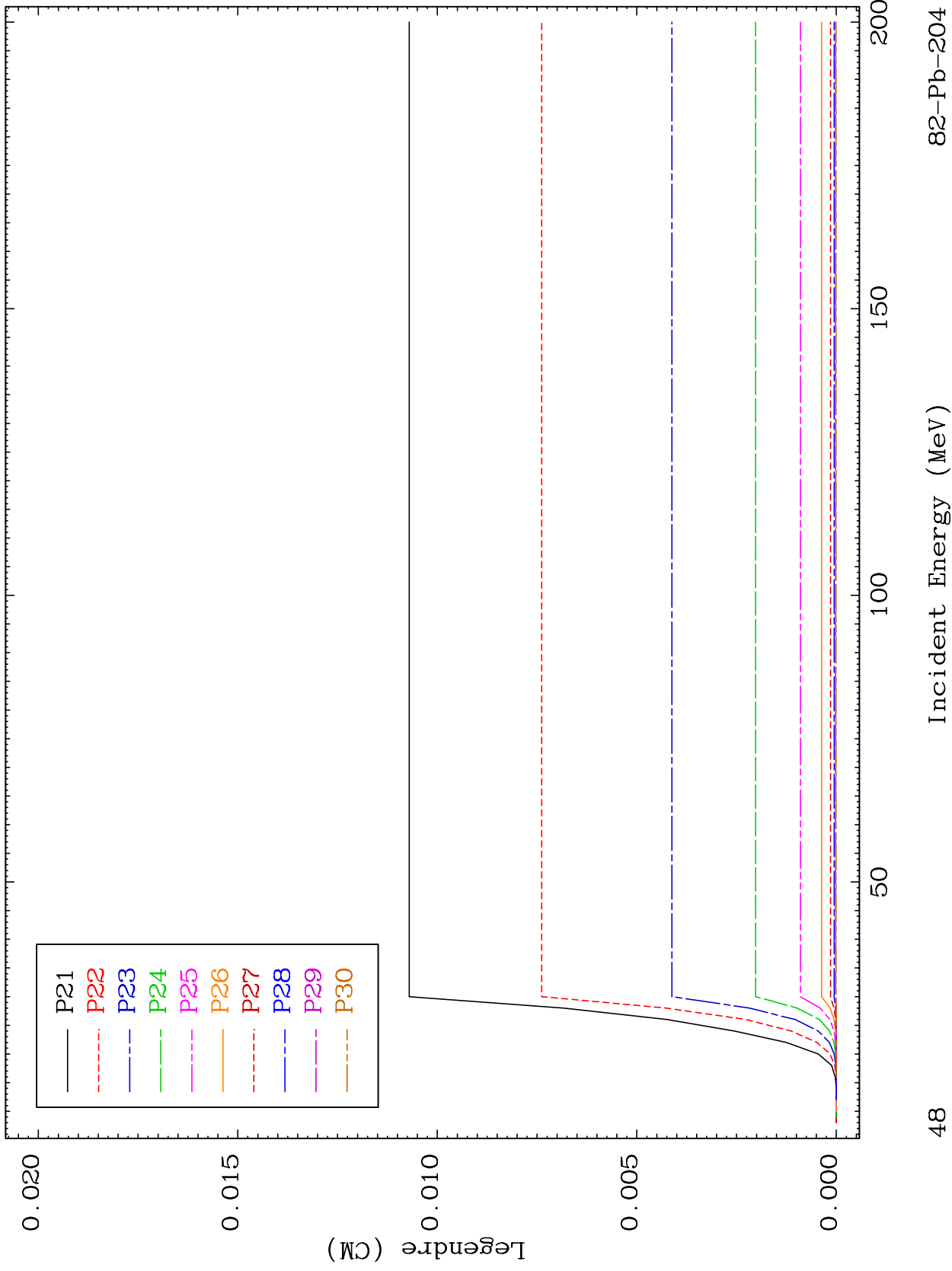
Incident Energy (MeV)

82-Pb-204

MAT 8225

1.665 MeV (n,n') Level
Legendre Coefficients

82-Pb-204



48

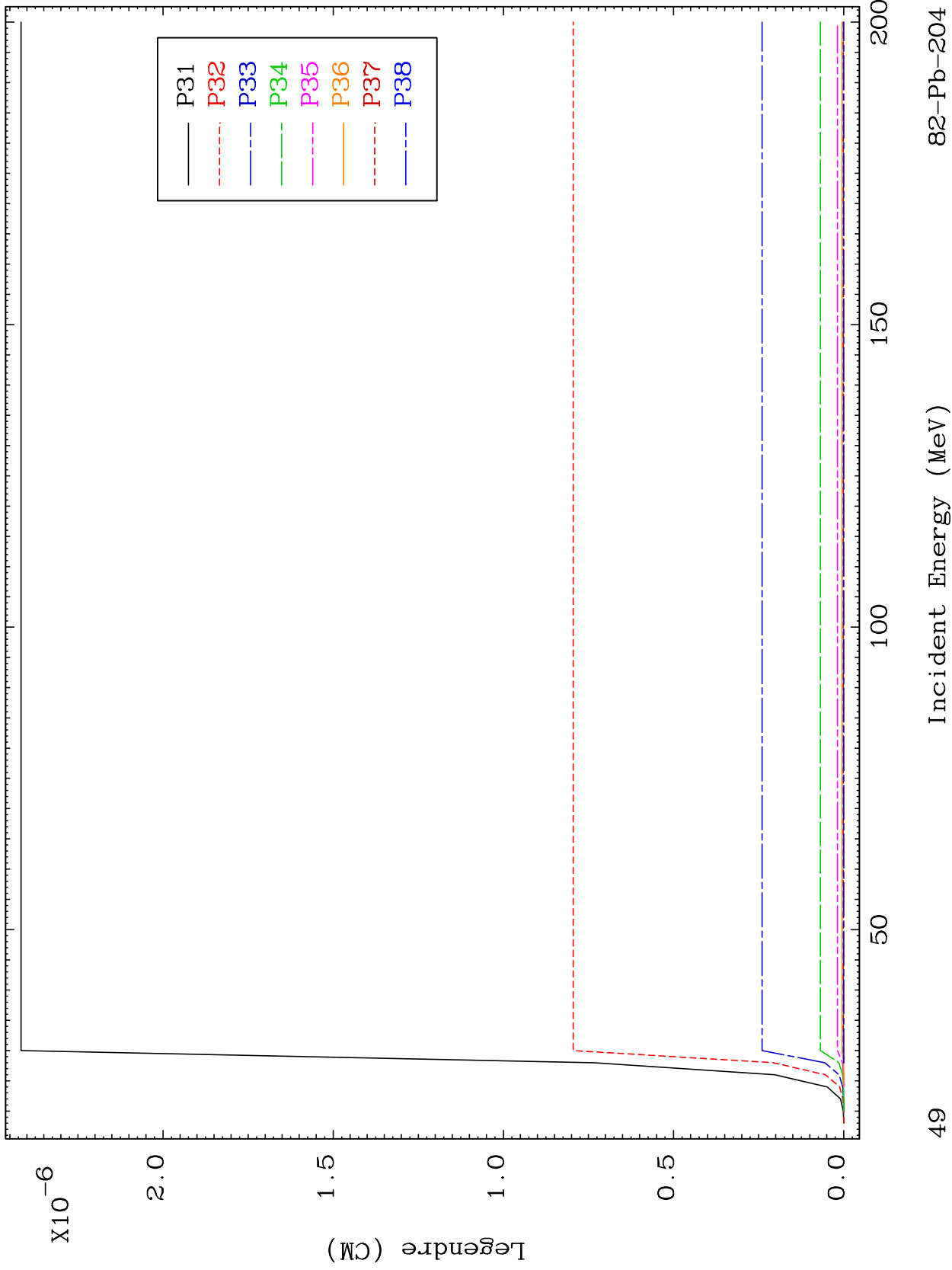
Incident Energy (MeV)

82-Pb-204

MAT 8225

1.665 MeV (n,n') Level
Legendre Coefficients

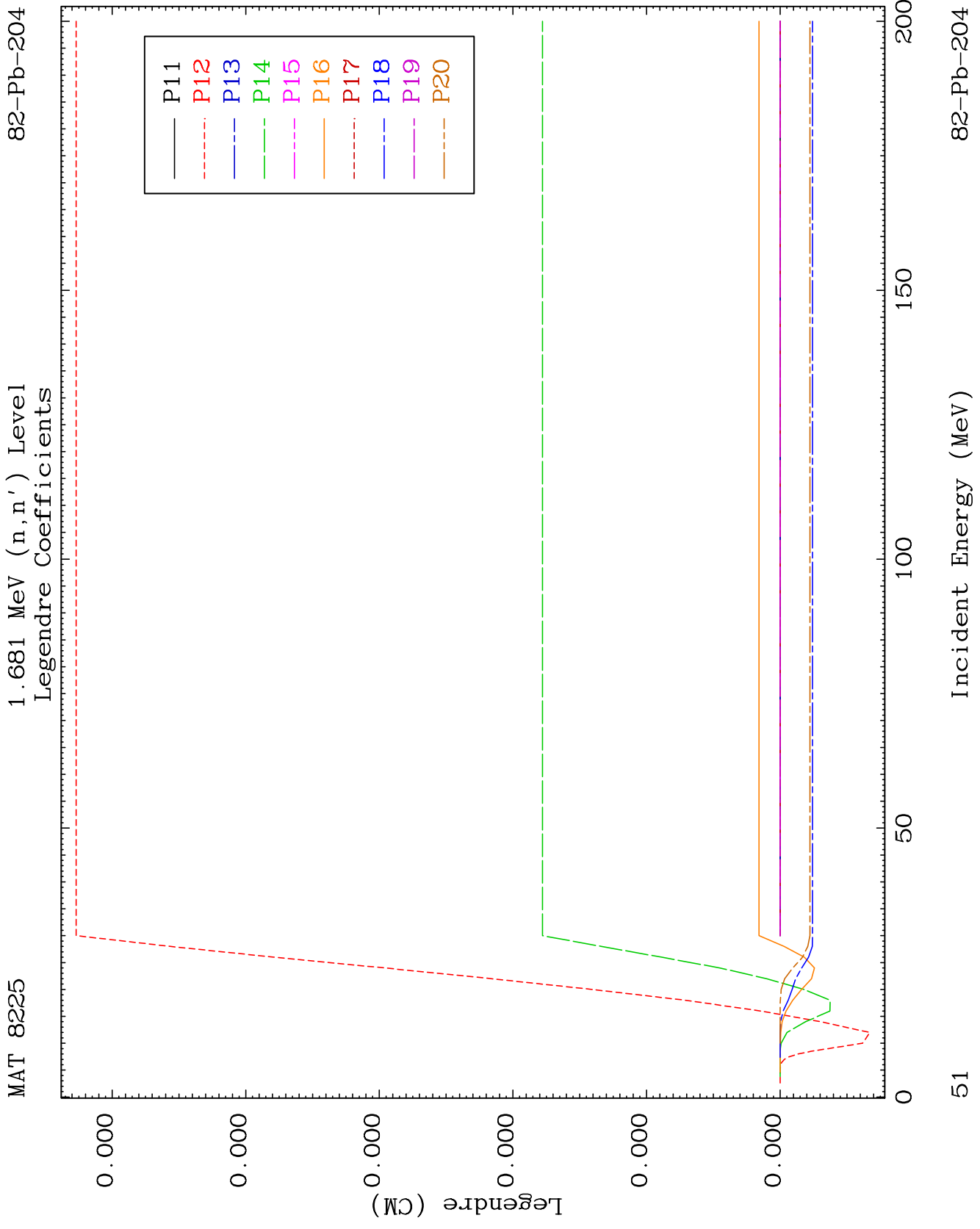
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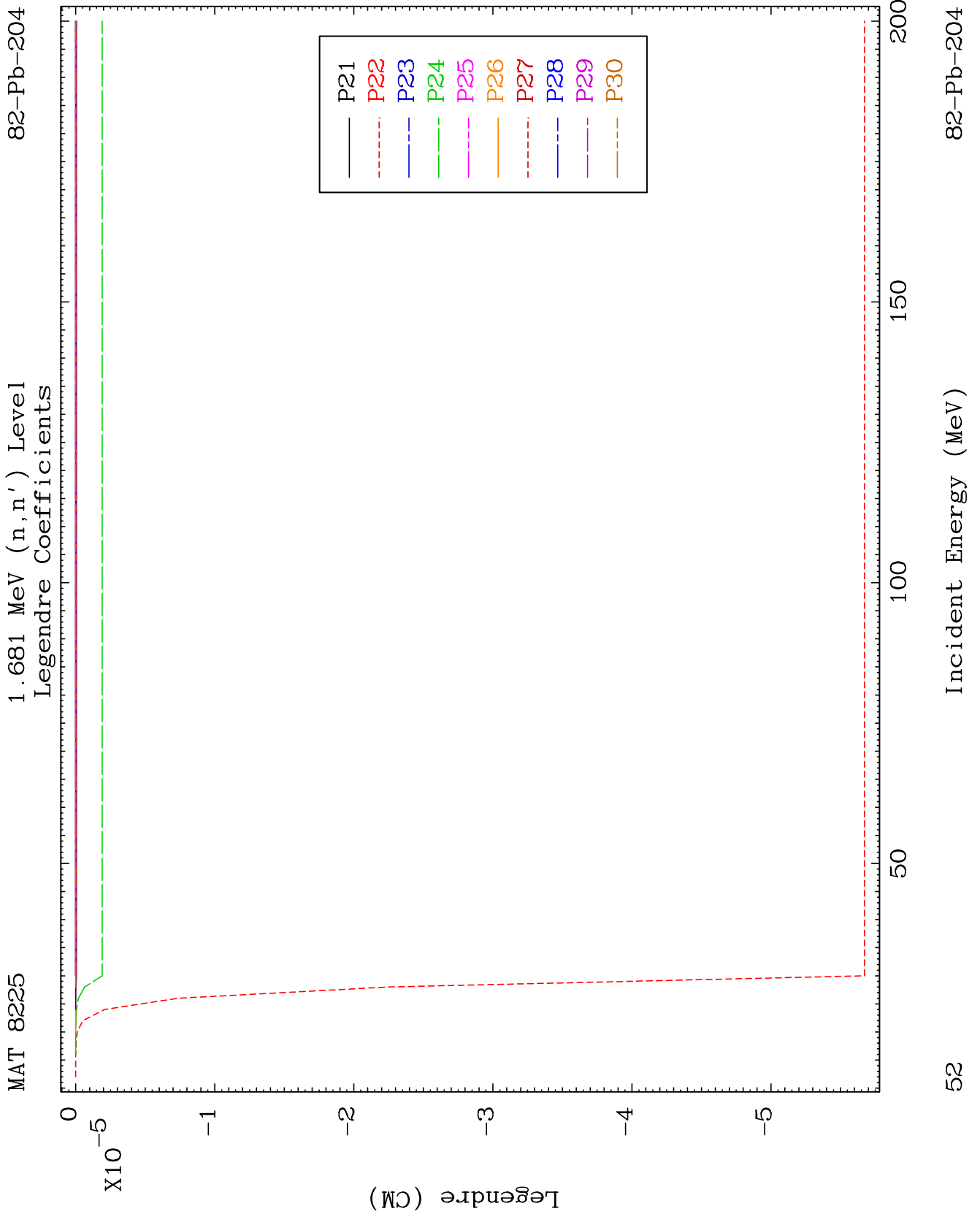


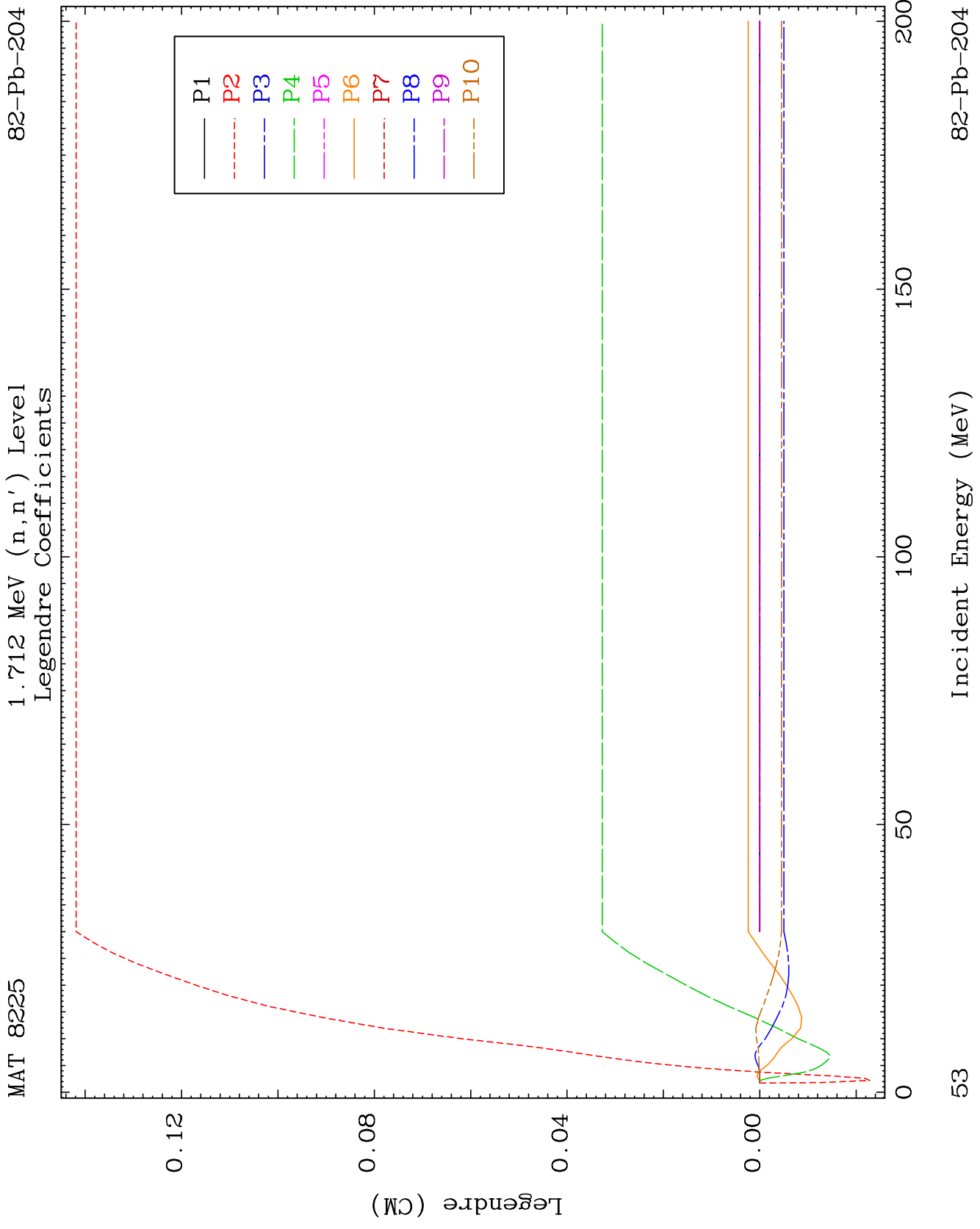
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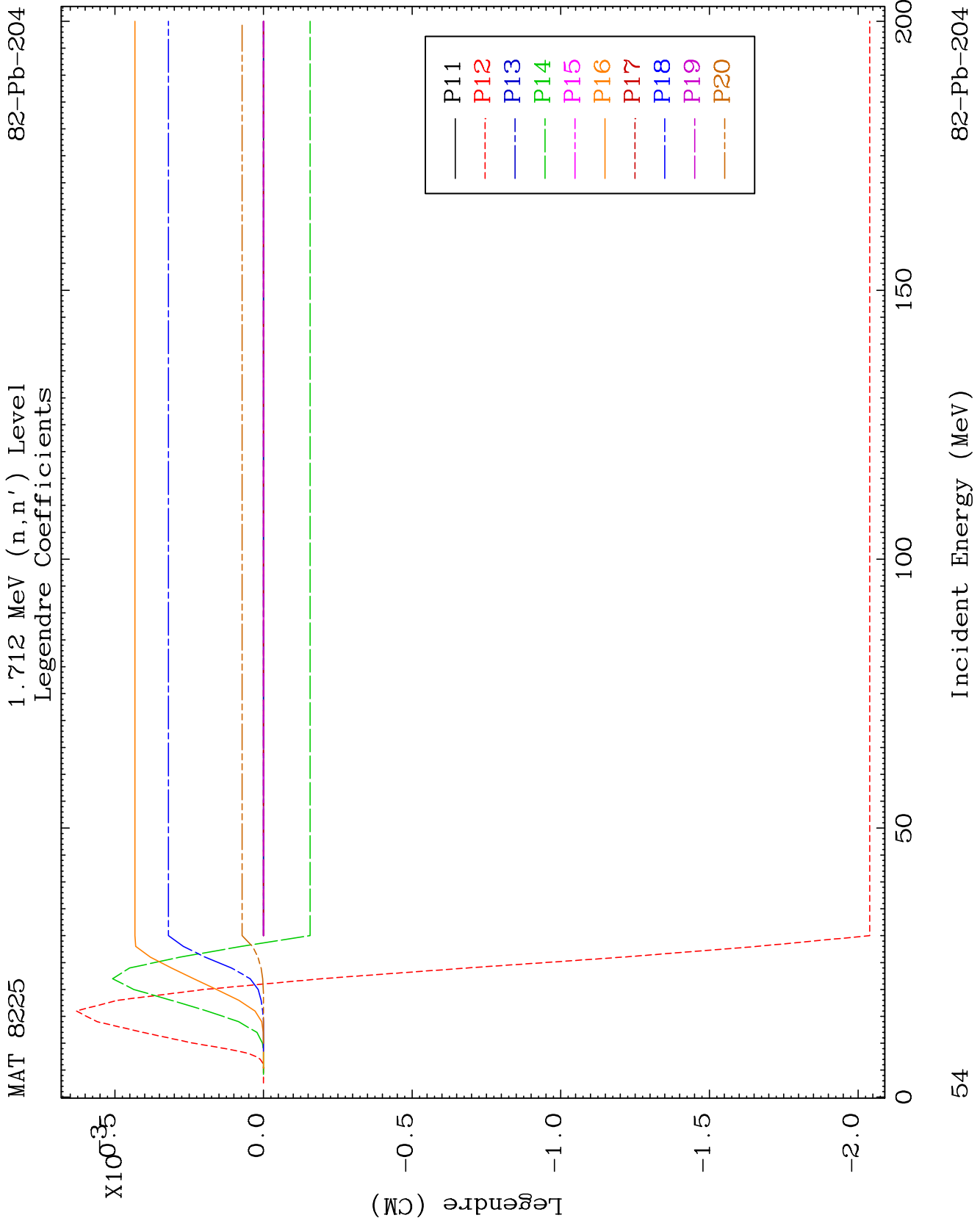
Incident Energy (MeV)

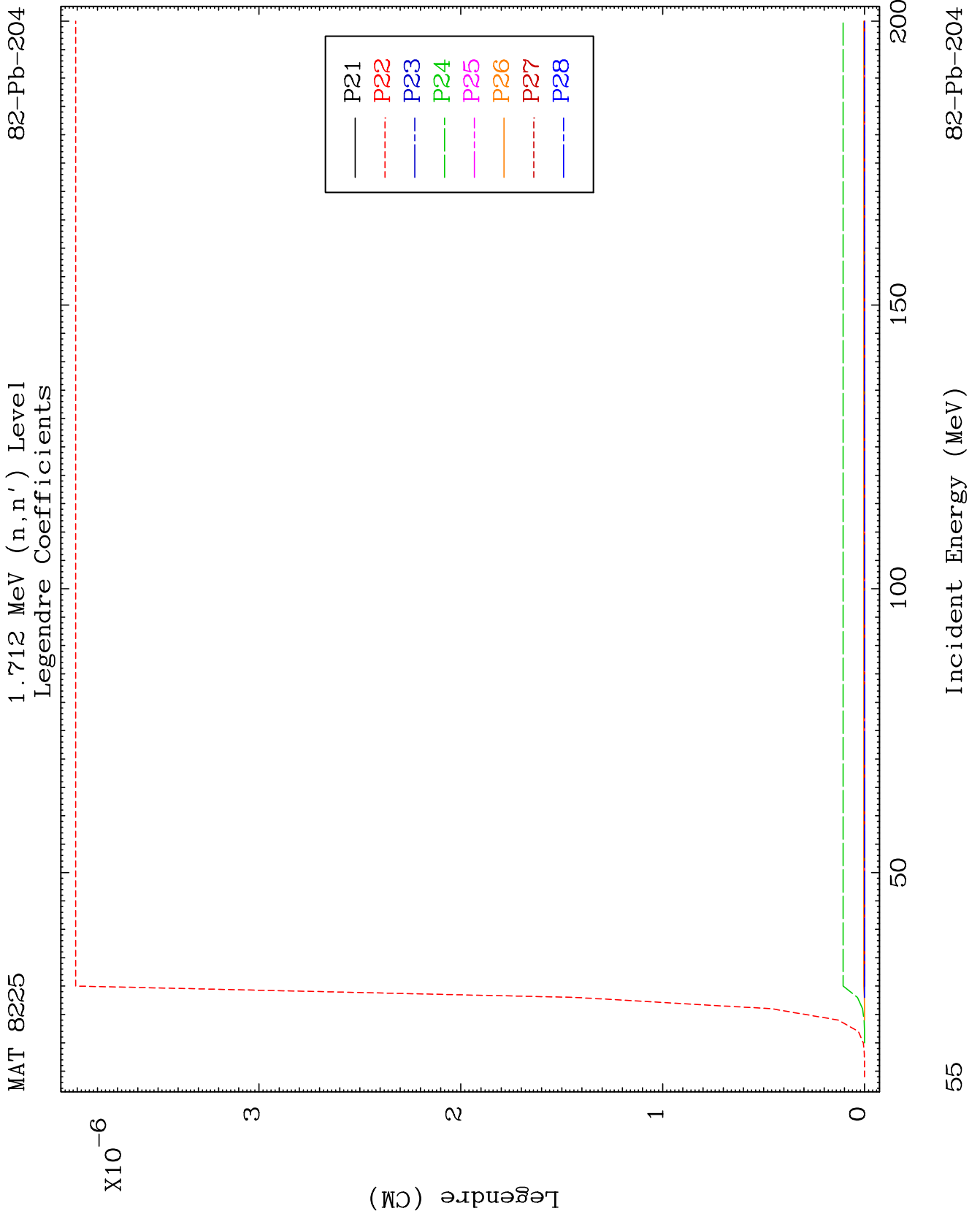
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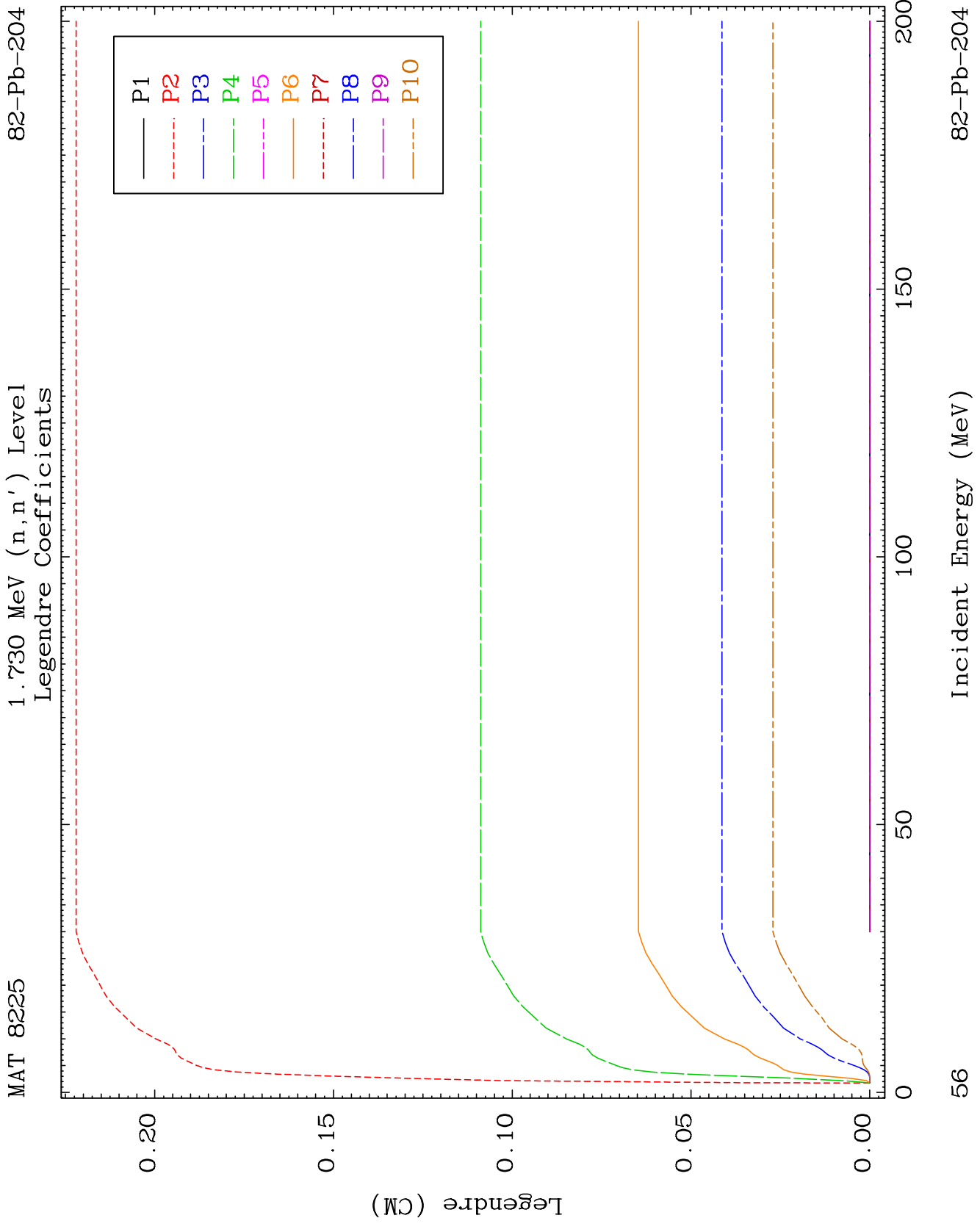








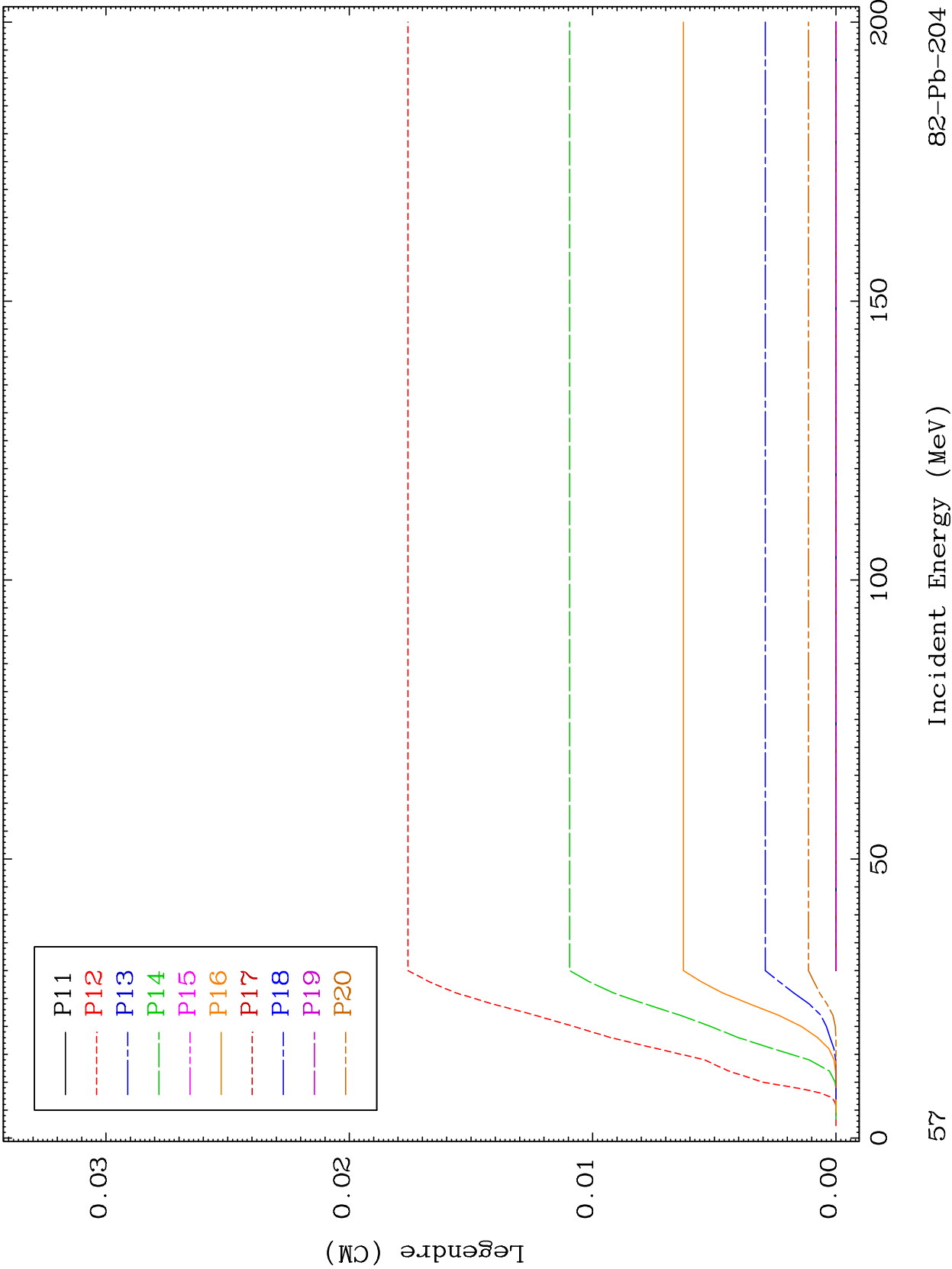


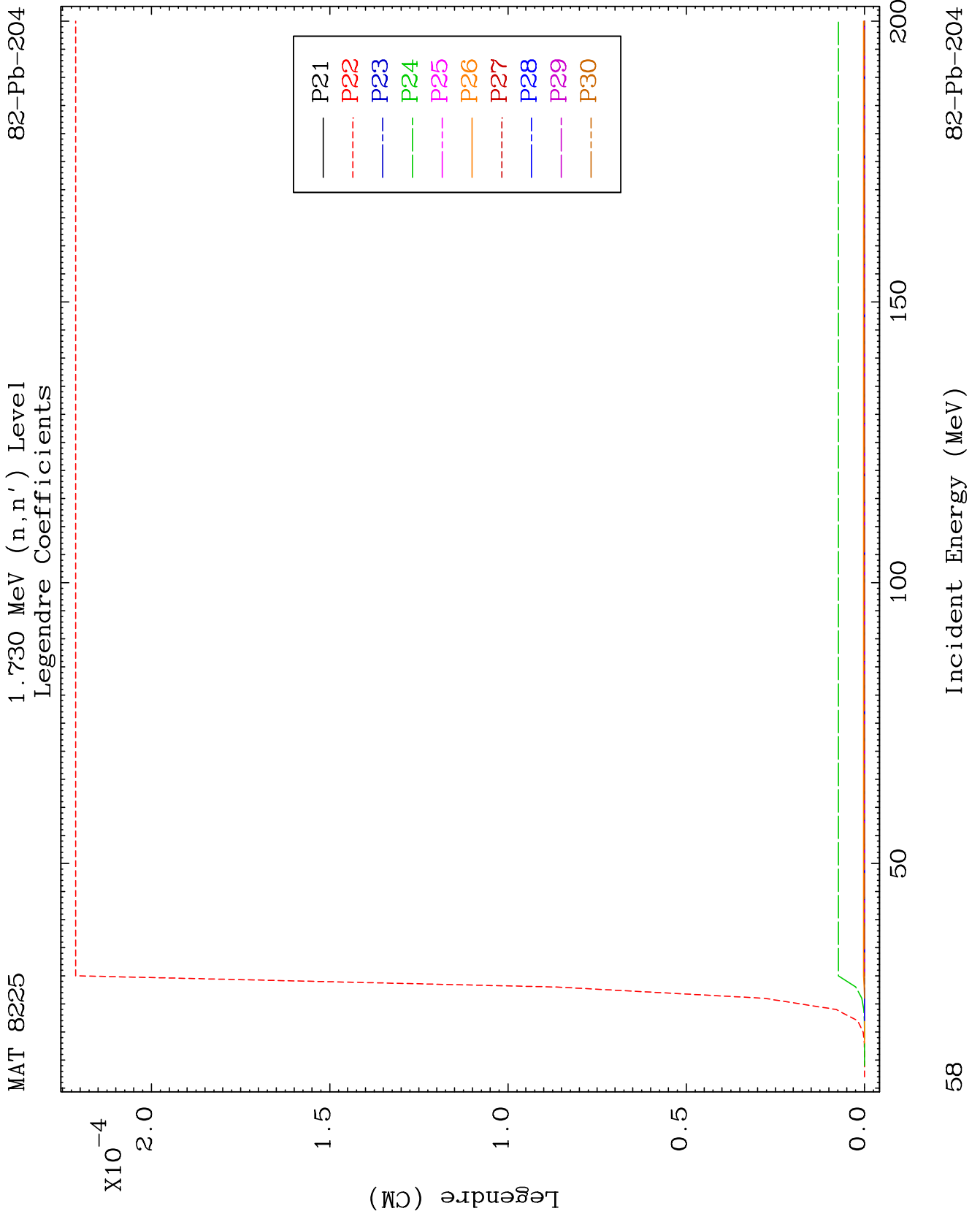


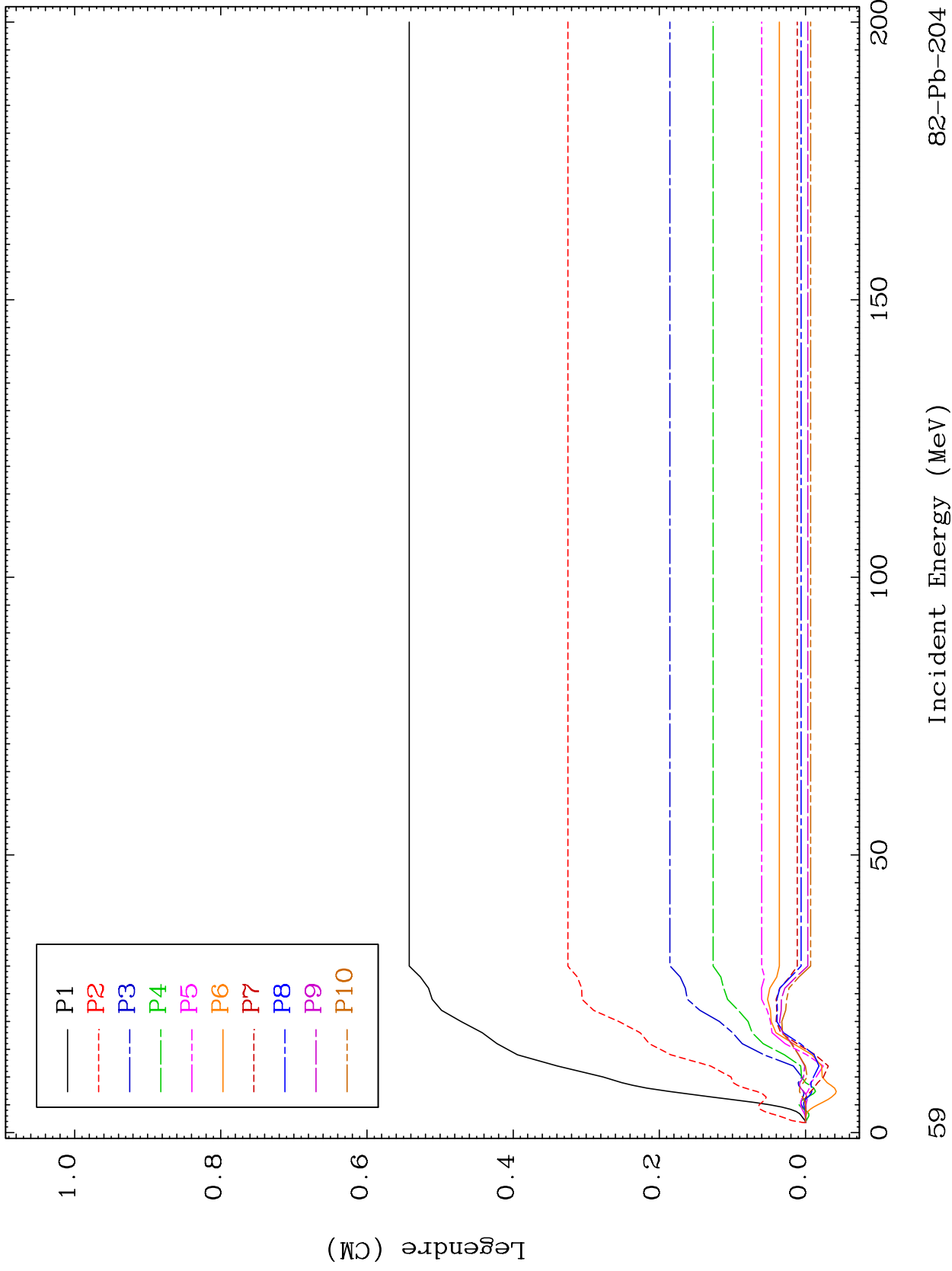
82-Pb-204

Incident Energy (MeV)

56



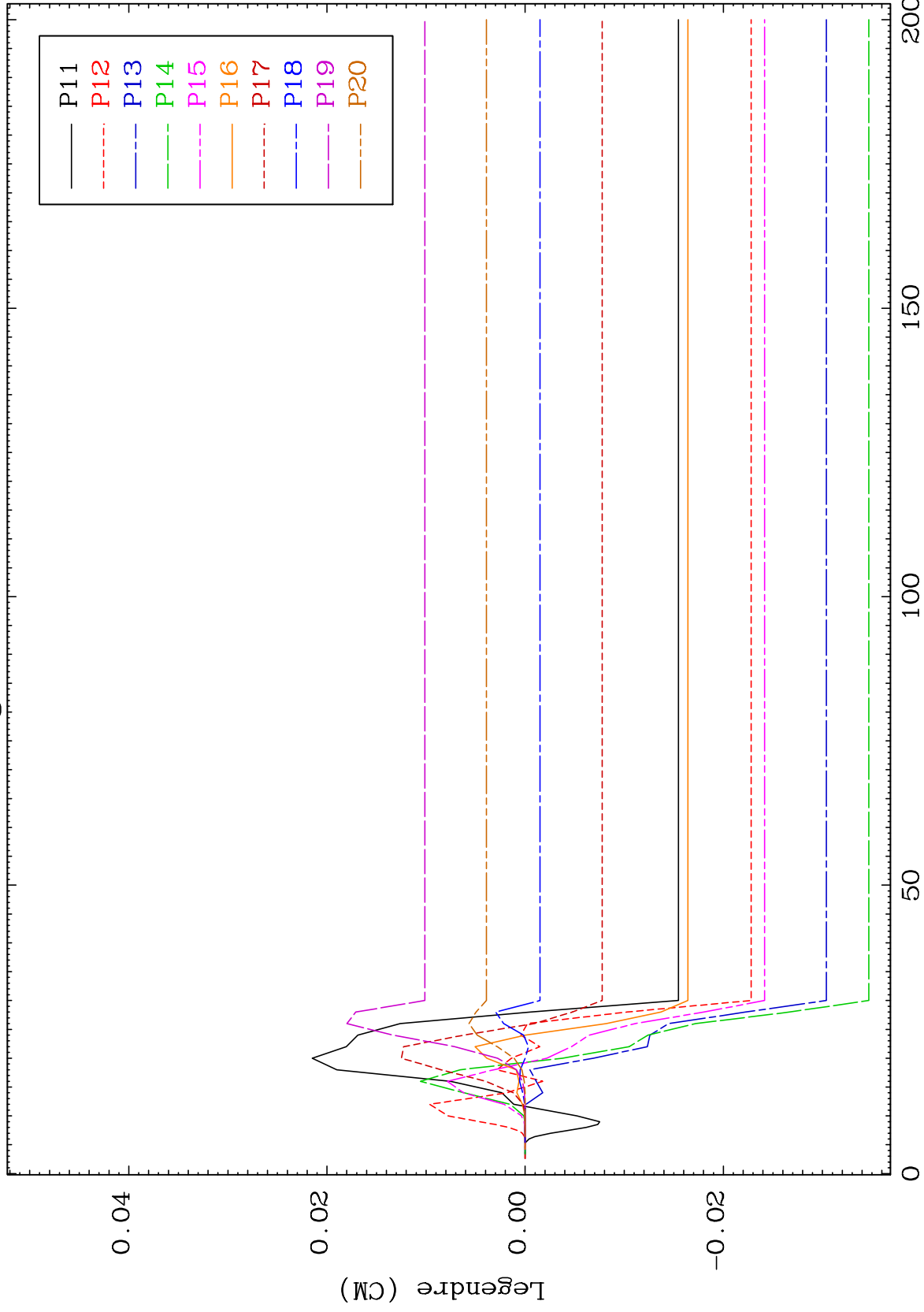




MAT 8225

1.761 MeV (n,n') Level
Legendre Coefficients

82-Pb-204



82-Pb-204

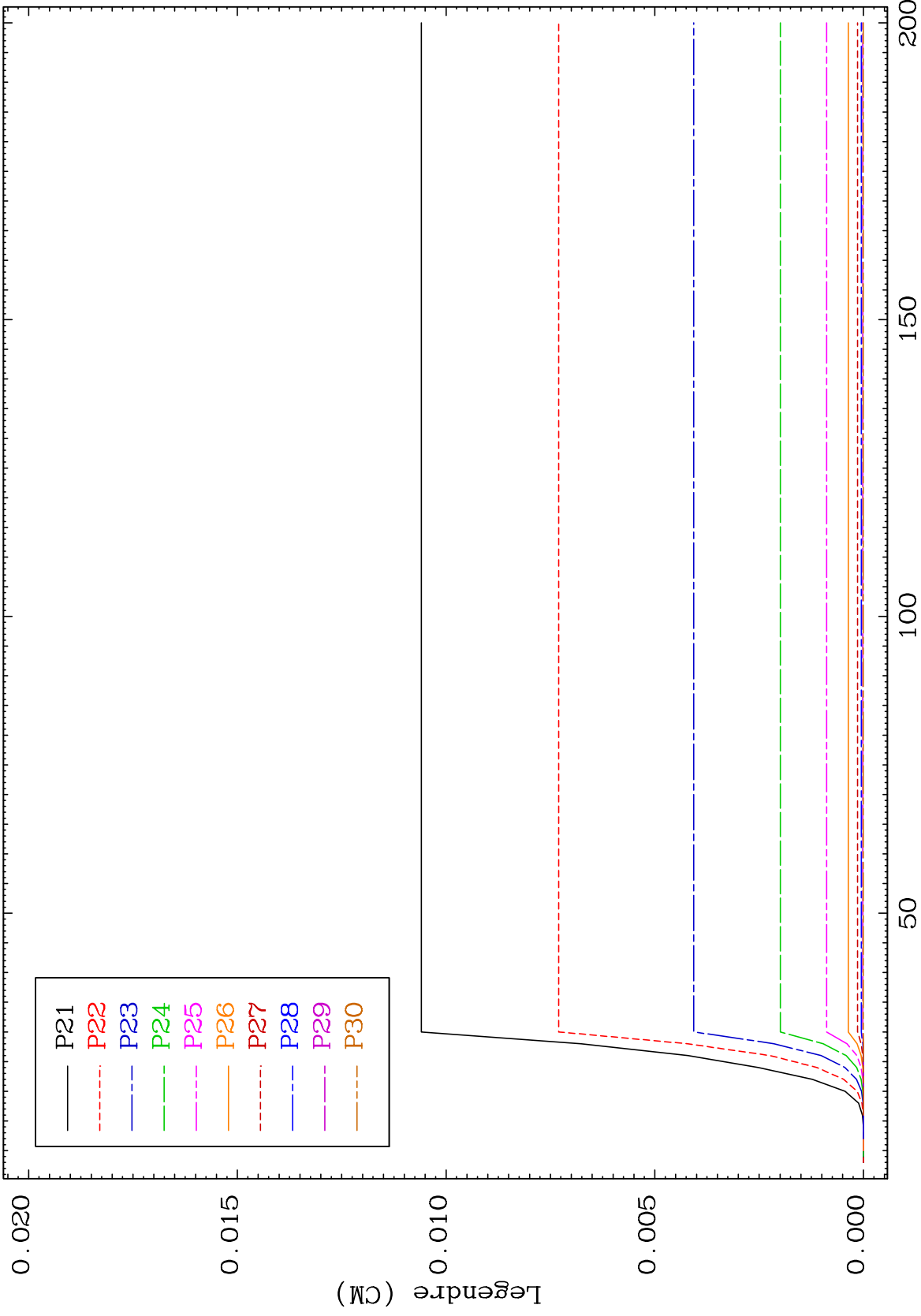
Incident Energy (MeV)

60

MAT 8225

1.761 MeV (n,n') Level
Legendre Coefficients

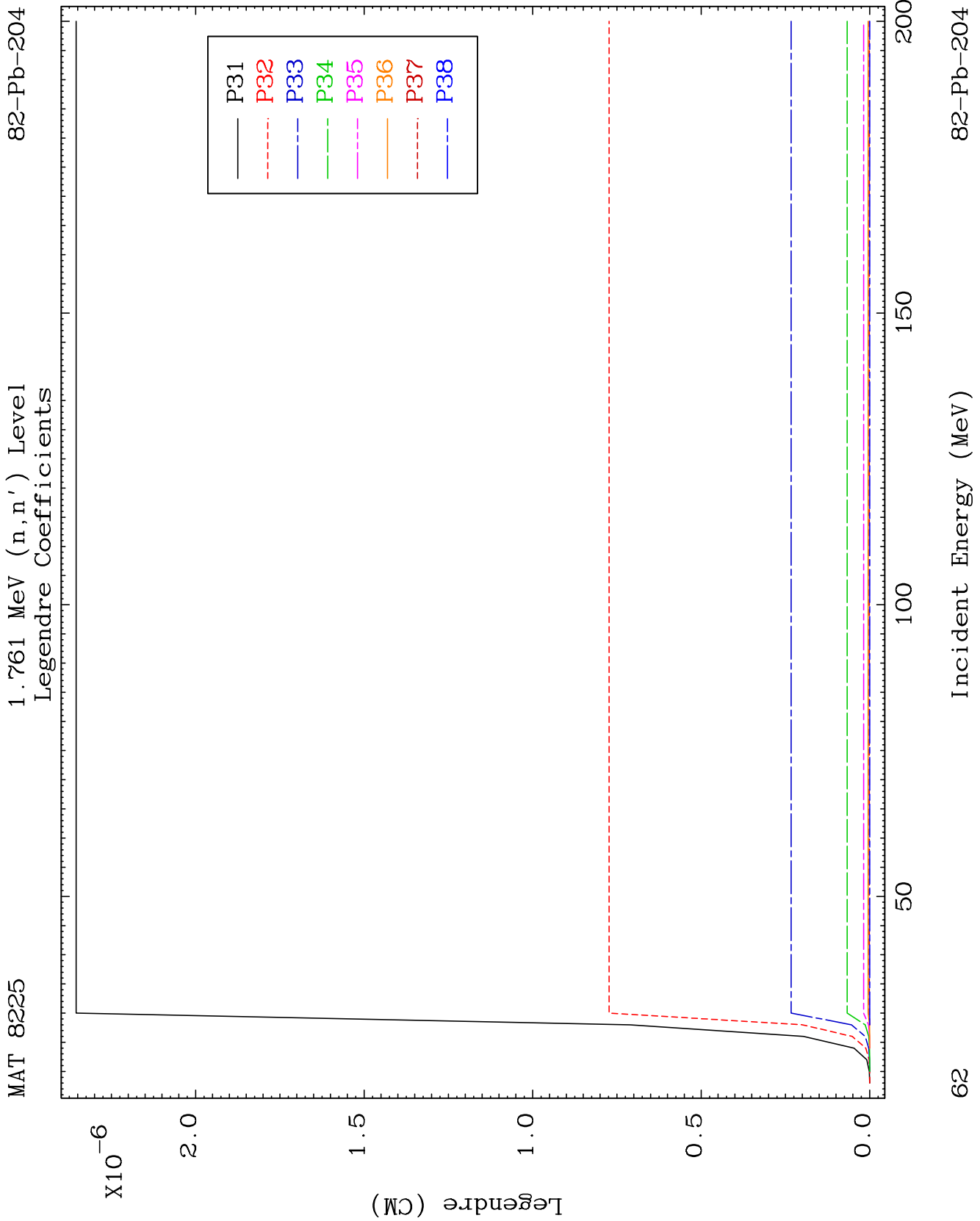
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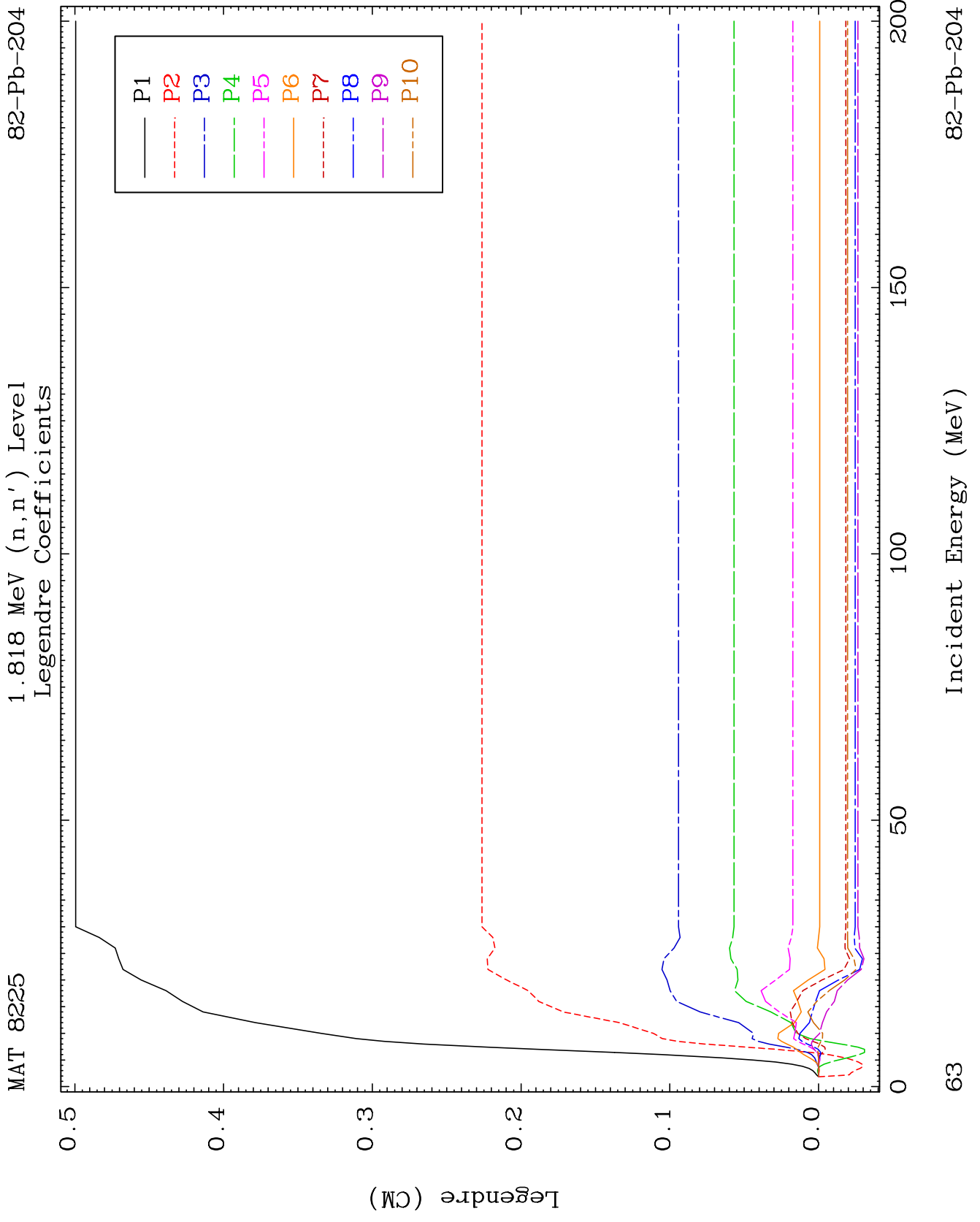


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Incident Energy (MeV)

82-Pb-204

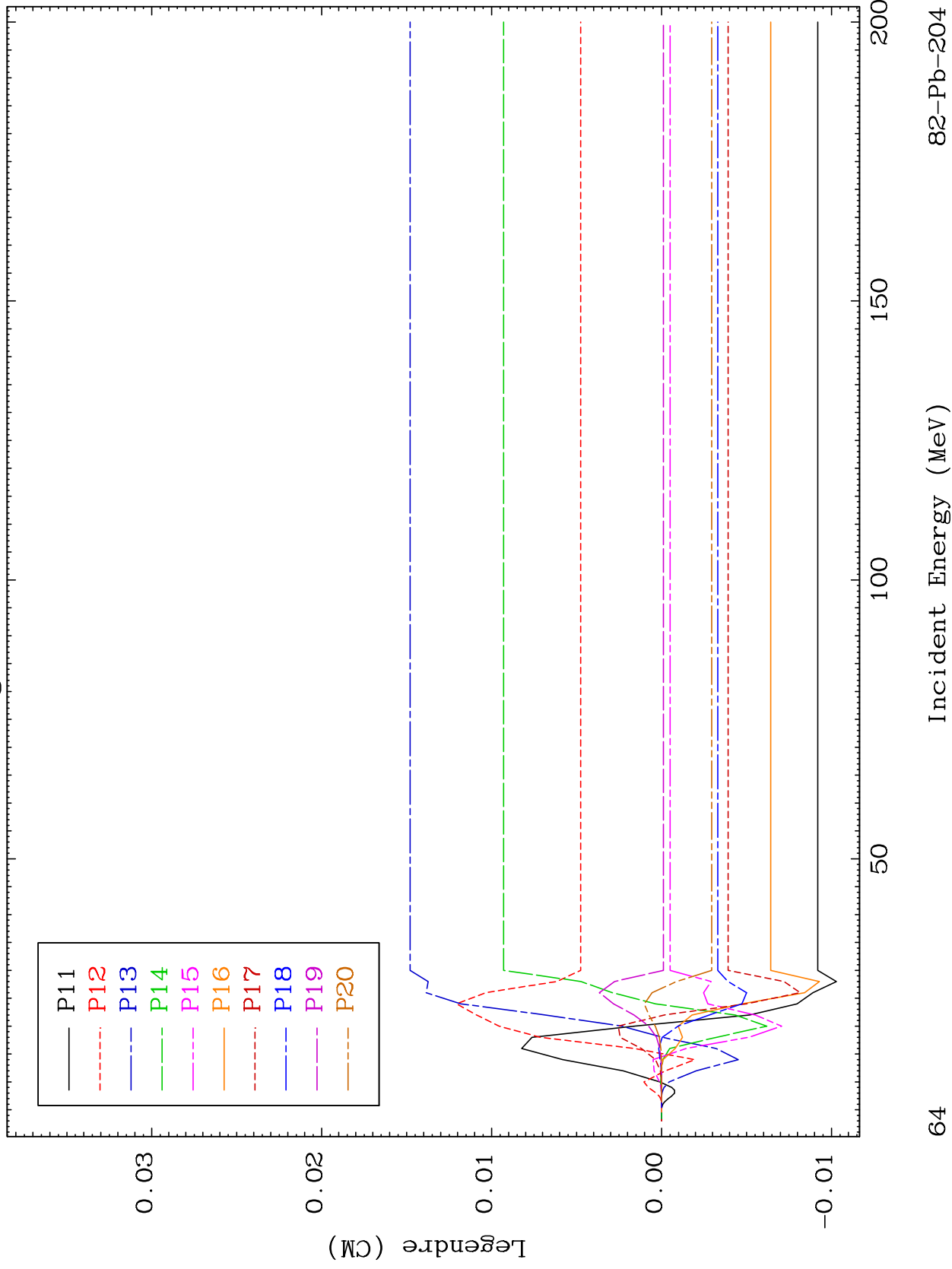




MAT 8225

1.818 MeV (n,n') Level
Legendre Coefficients

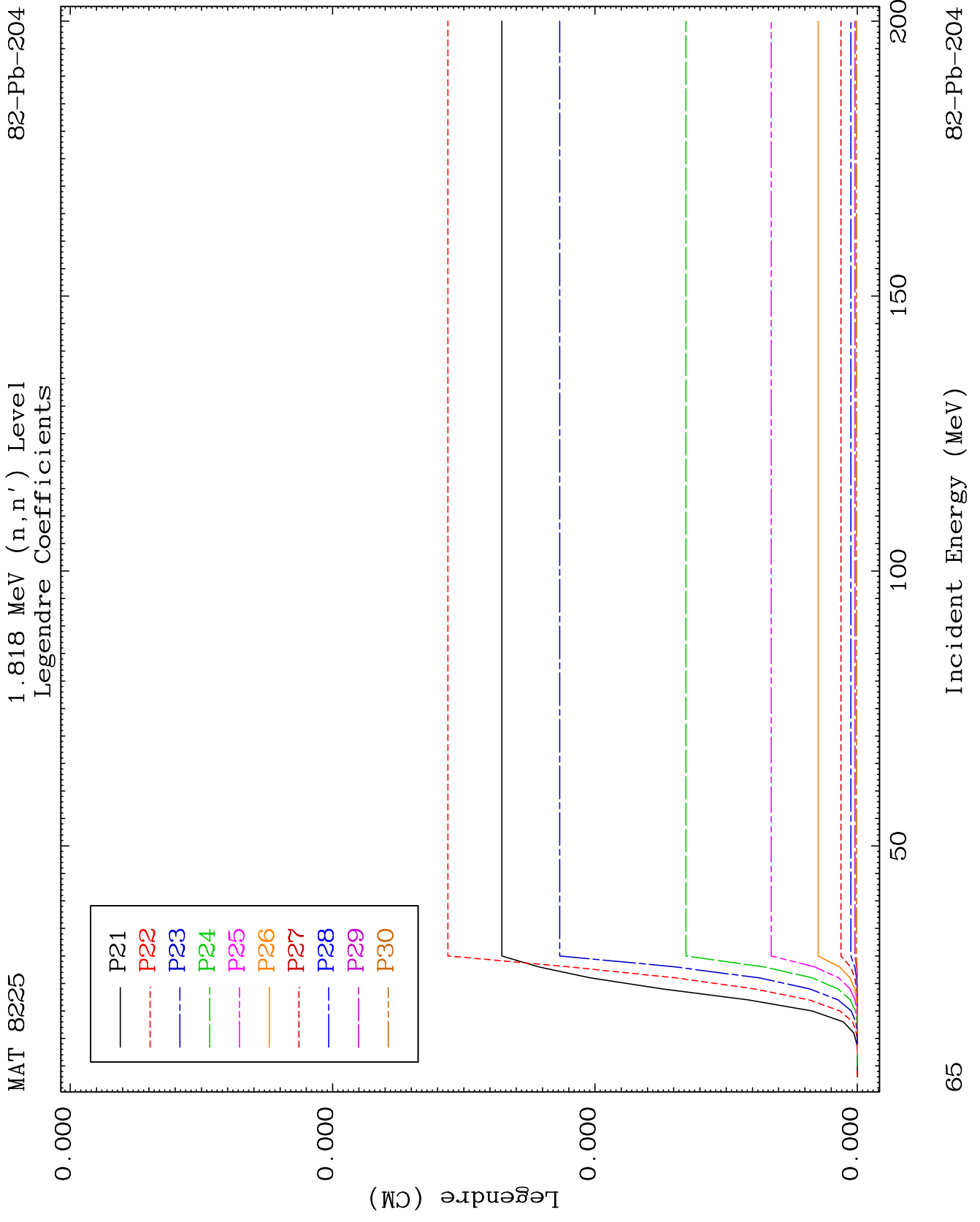
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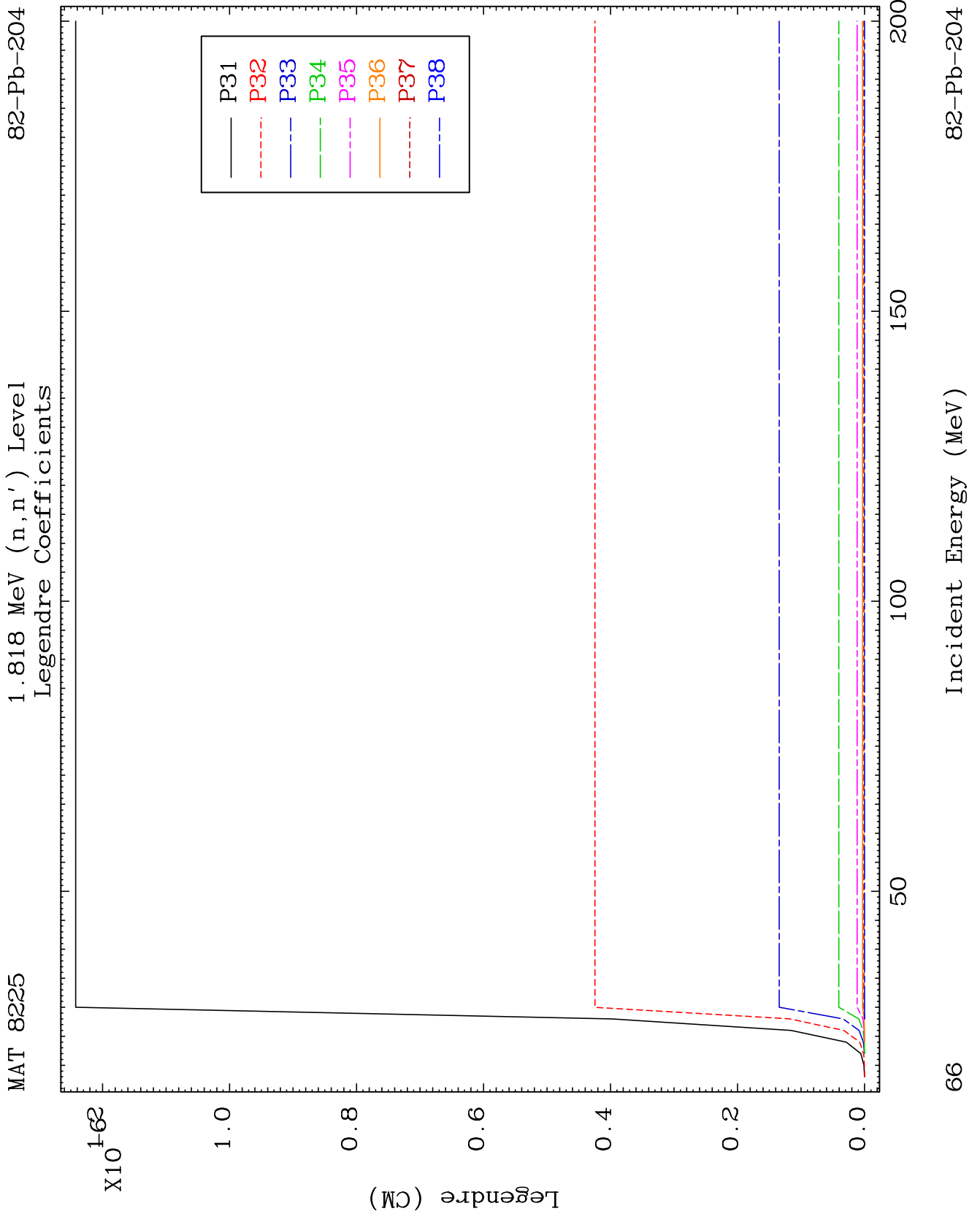


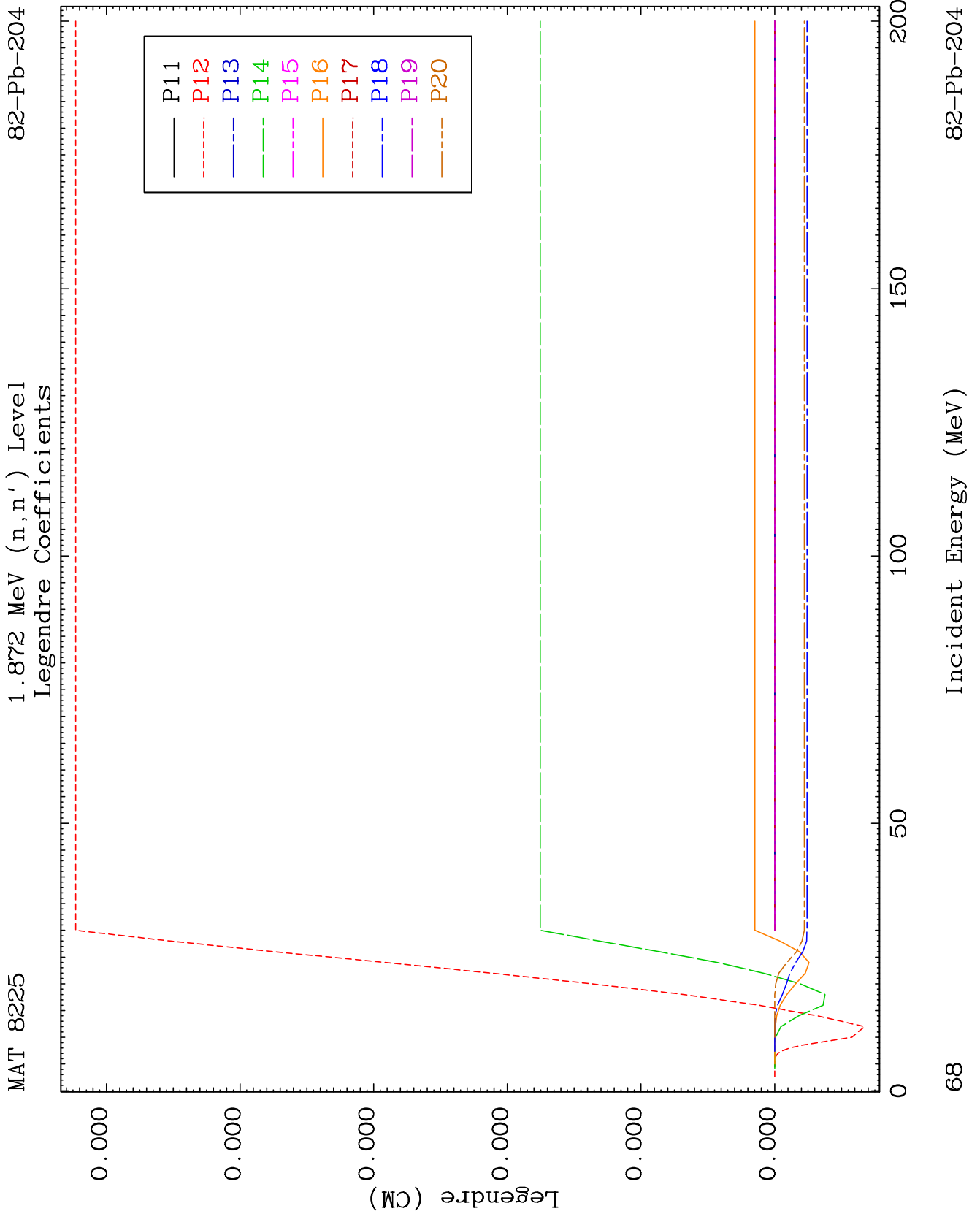
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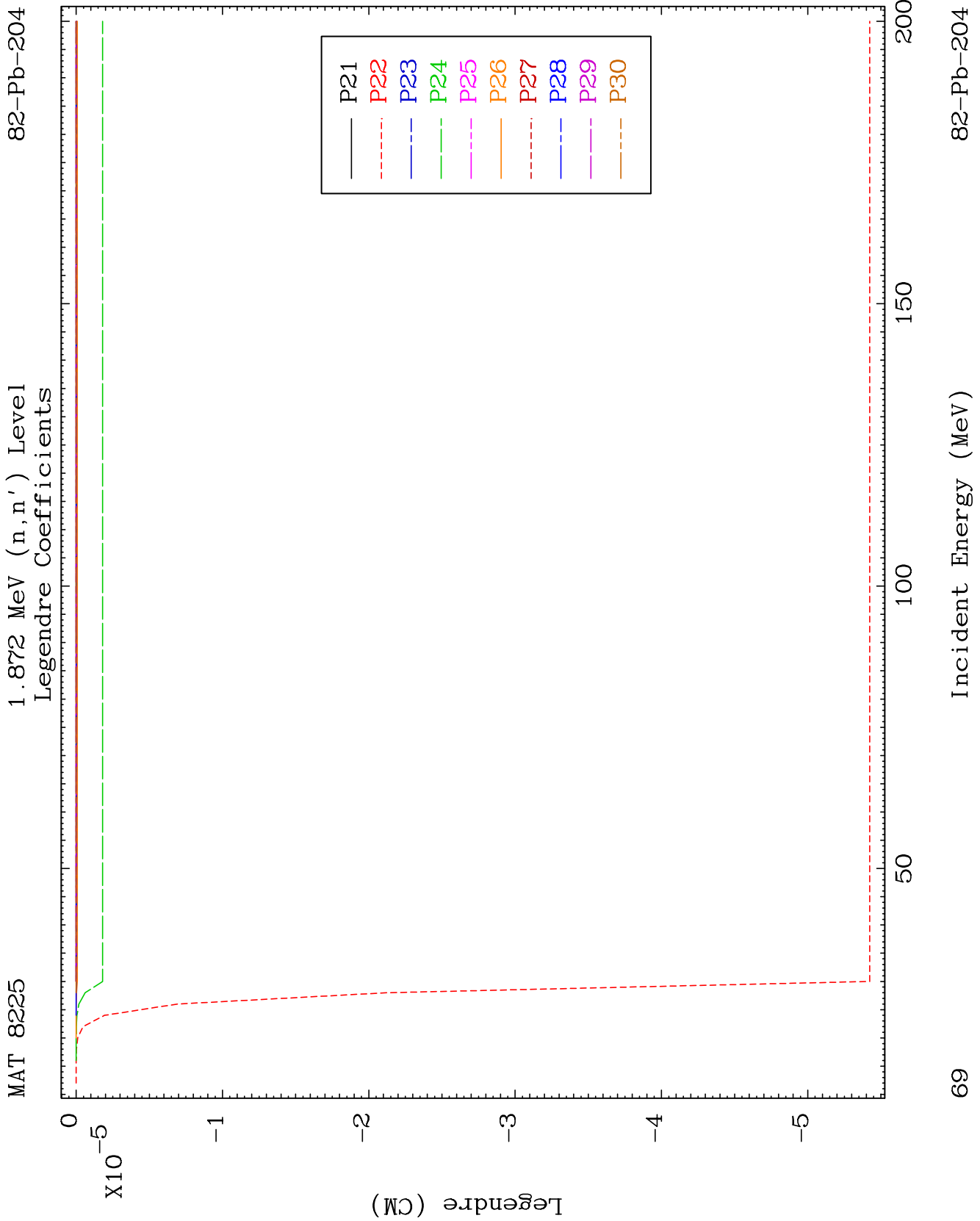
Incident Energy (MeV)

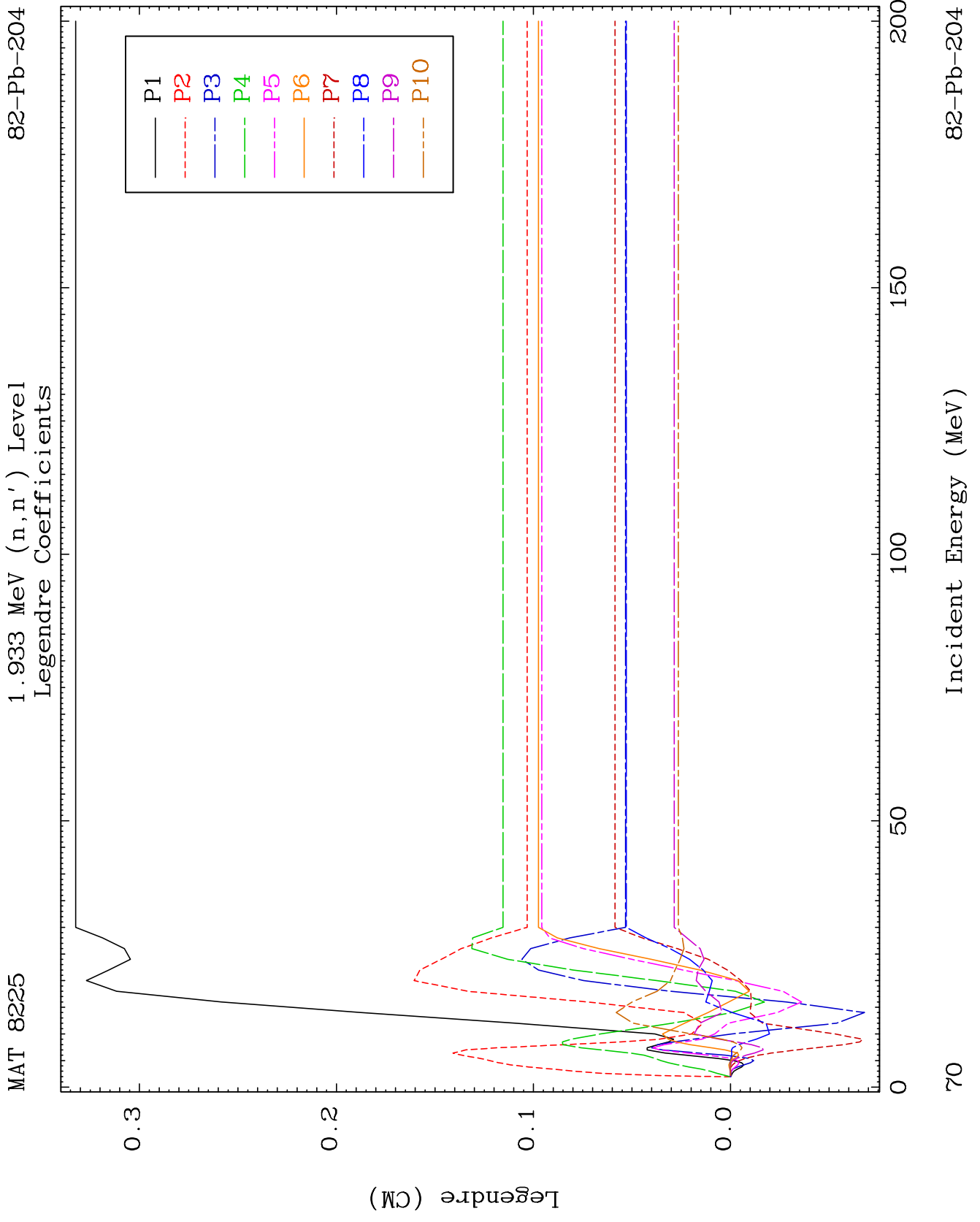
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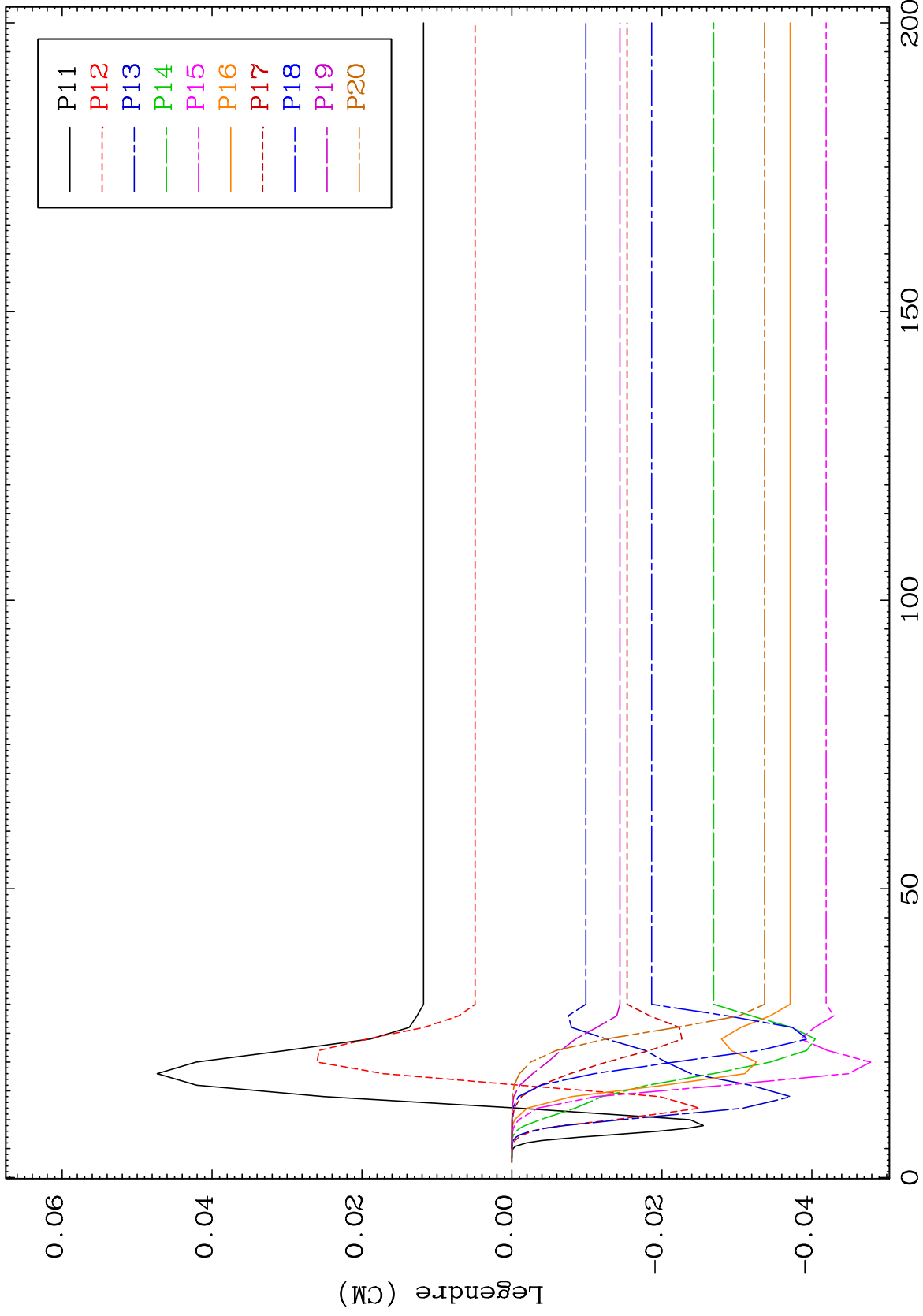




MAT 8225

1.933 MeV (n,n') Level
Legendre Coefficients

82-Pb-204



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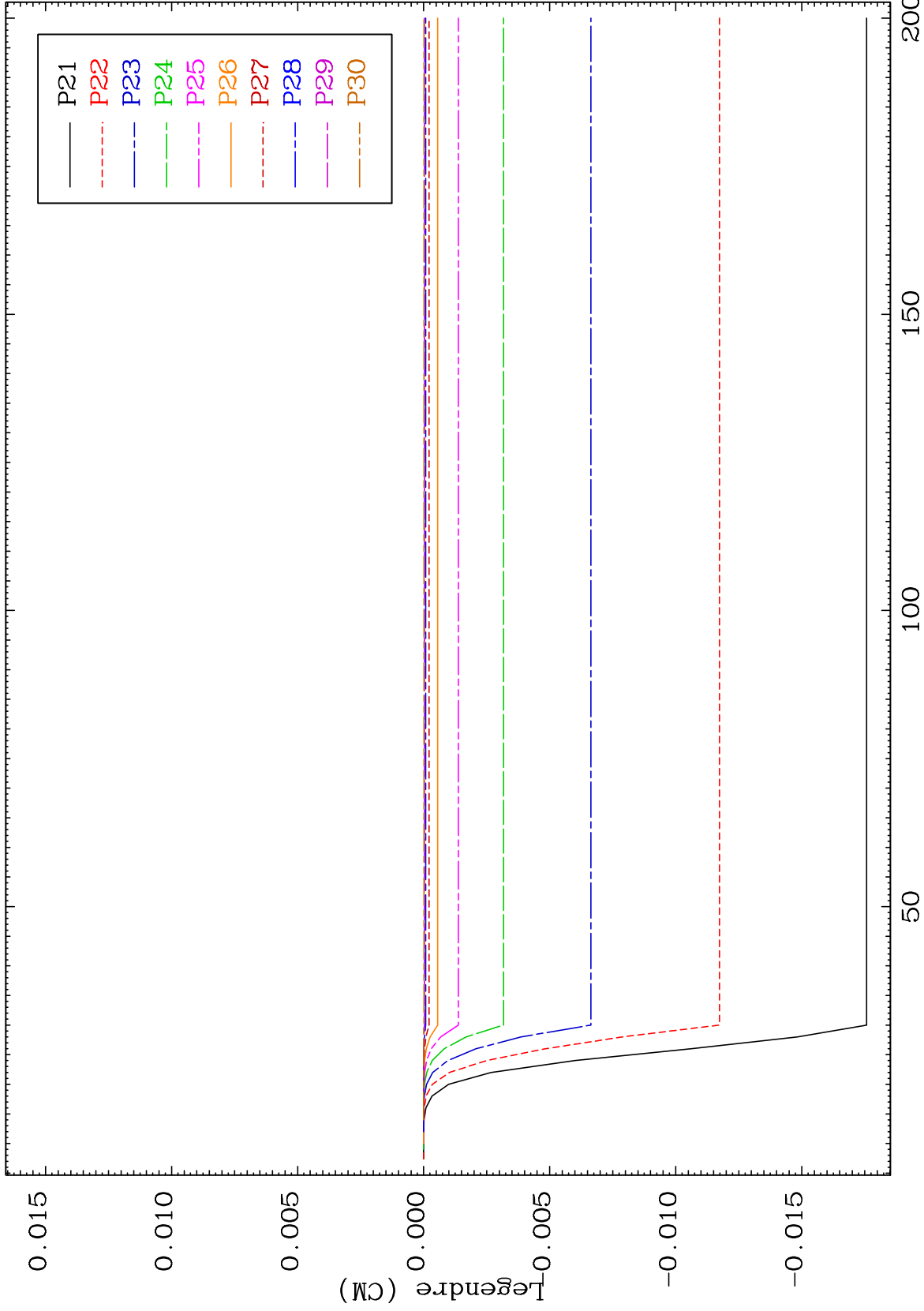
Incident Energy (MeV)

82-Pb-204

MAT 8225

1.933 MeV (n,n') Level
Legendre Coefficients

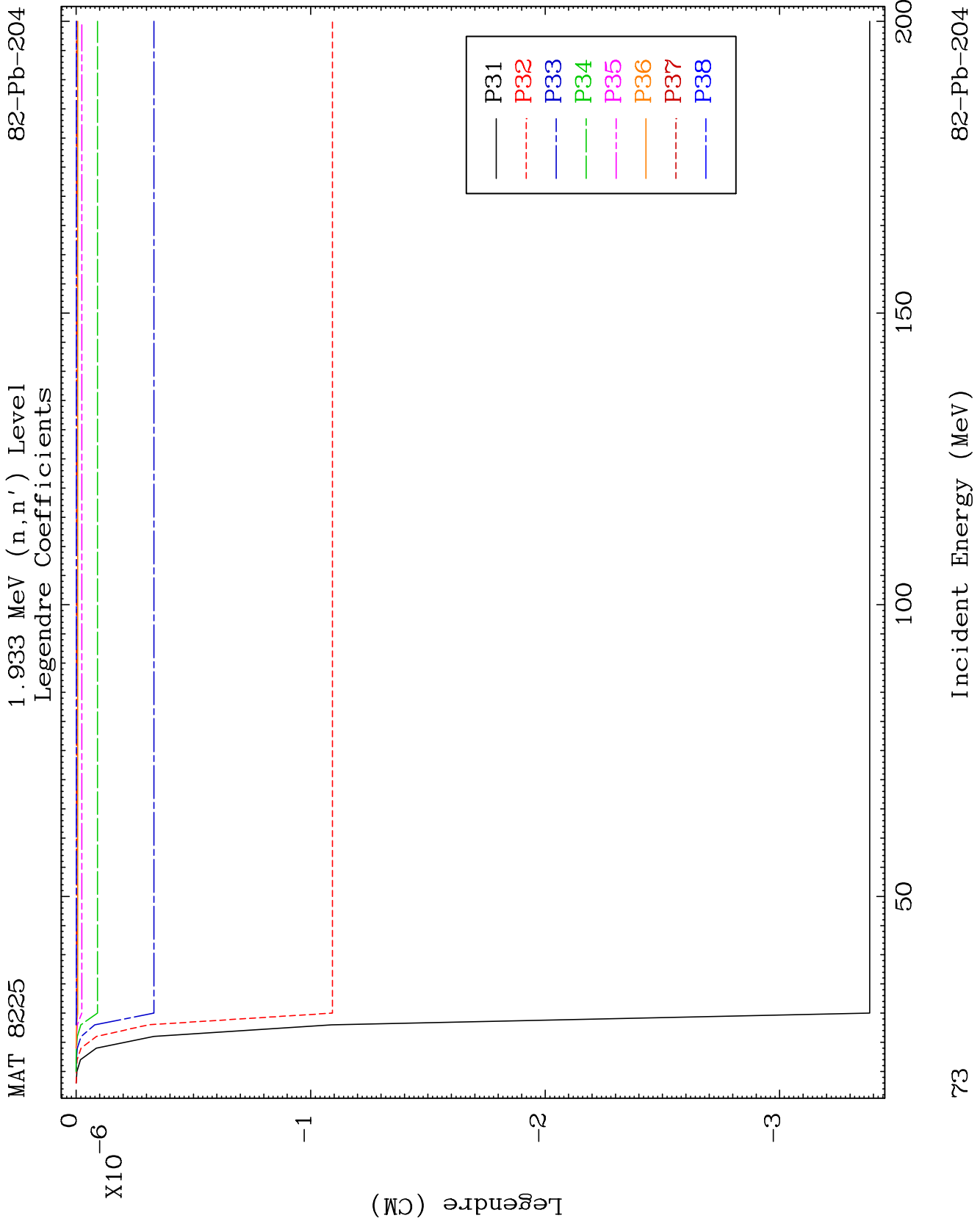
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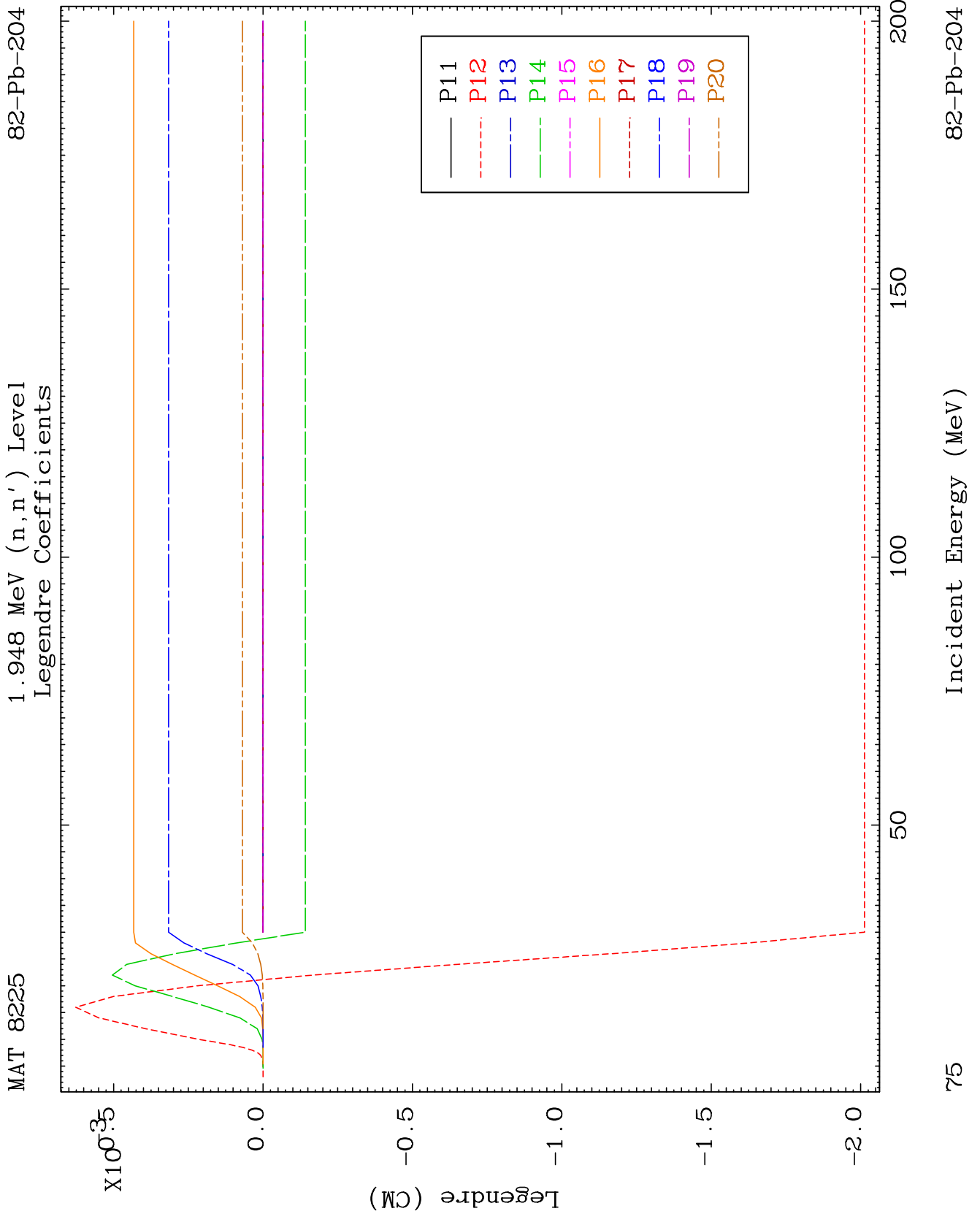


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Incident Energy (MeV)

82-Pb-204

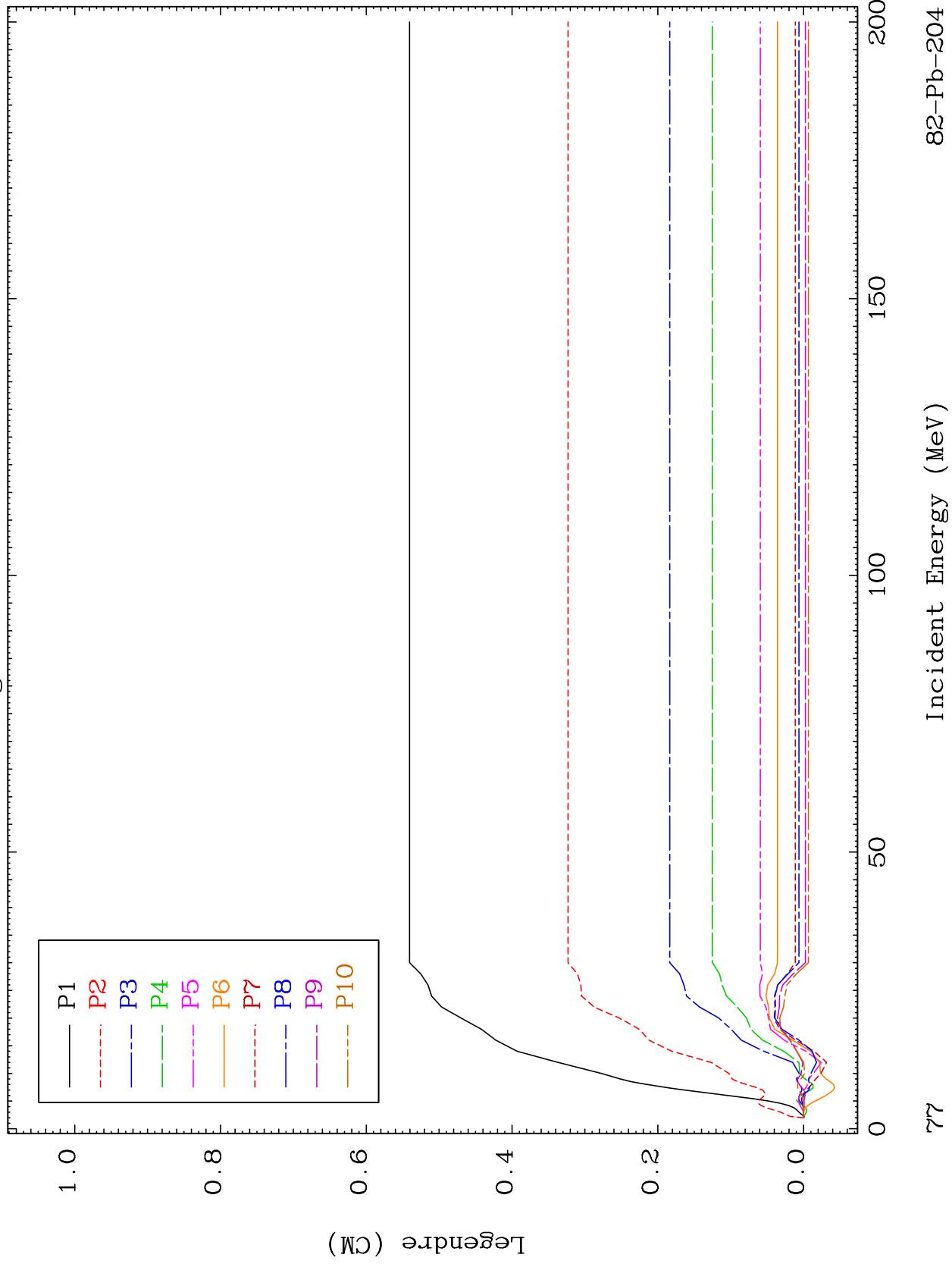




MAT 8225

1.960 MeV (n,n') Level
Legendre Coefficients

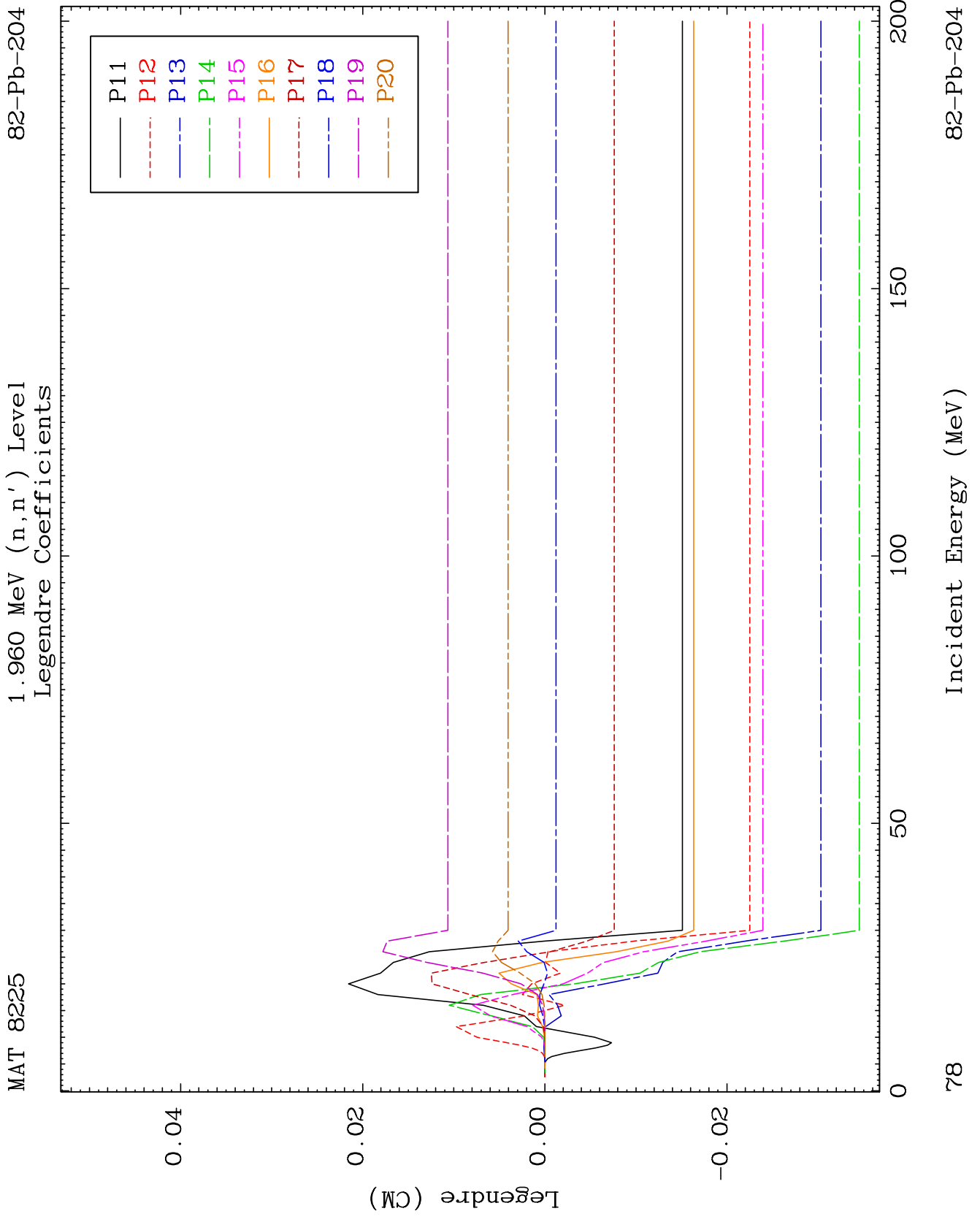
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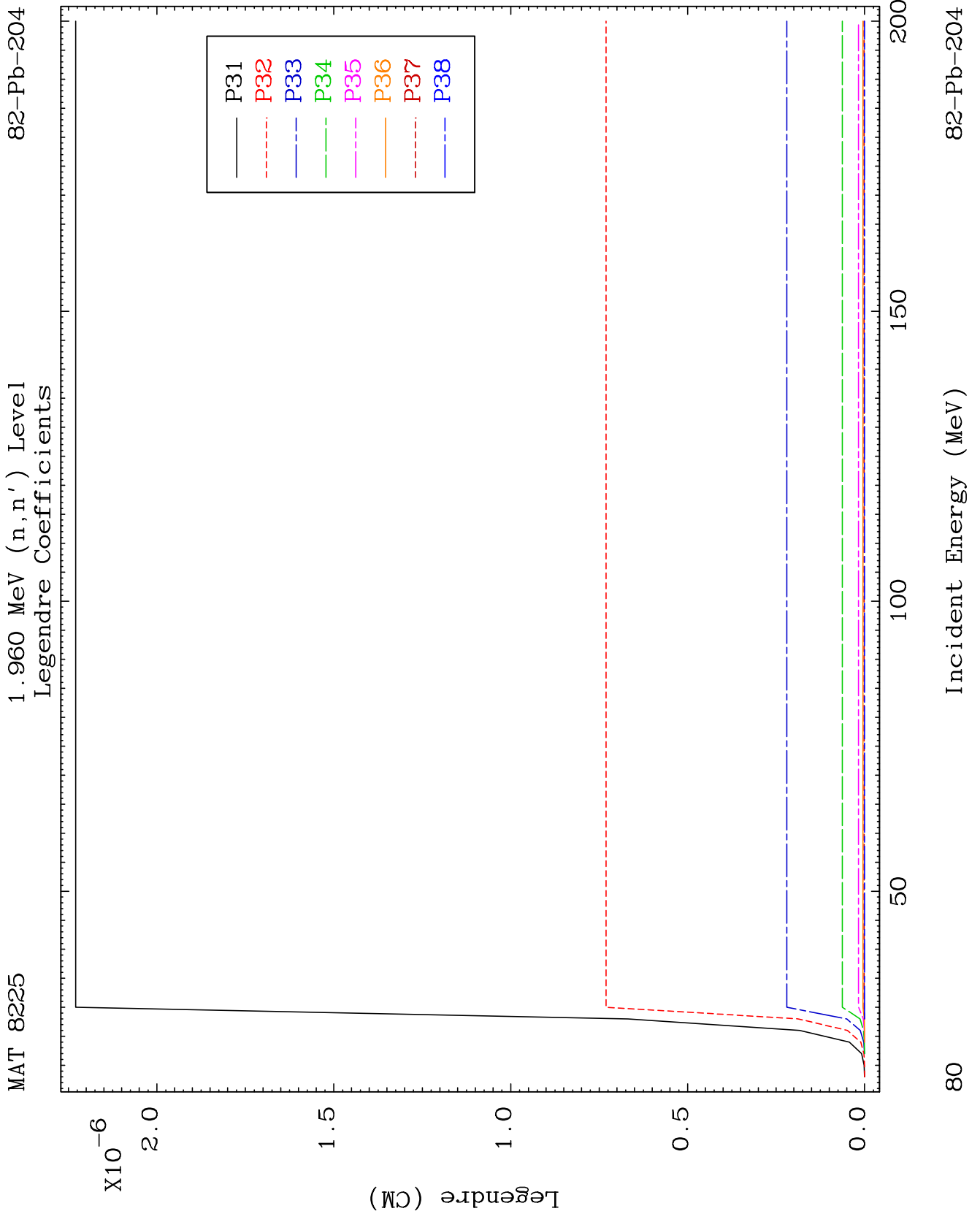


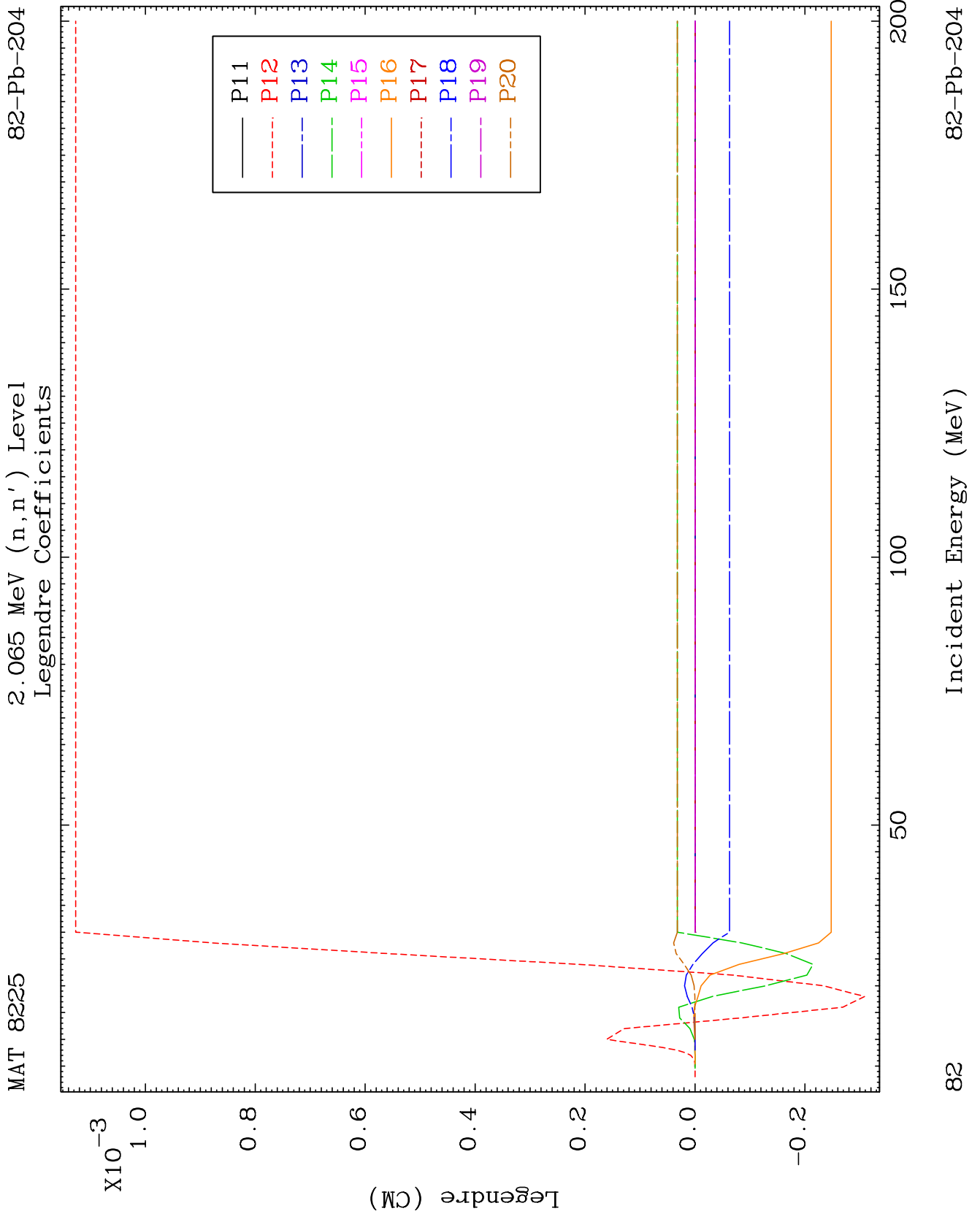
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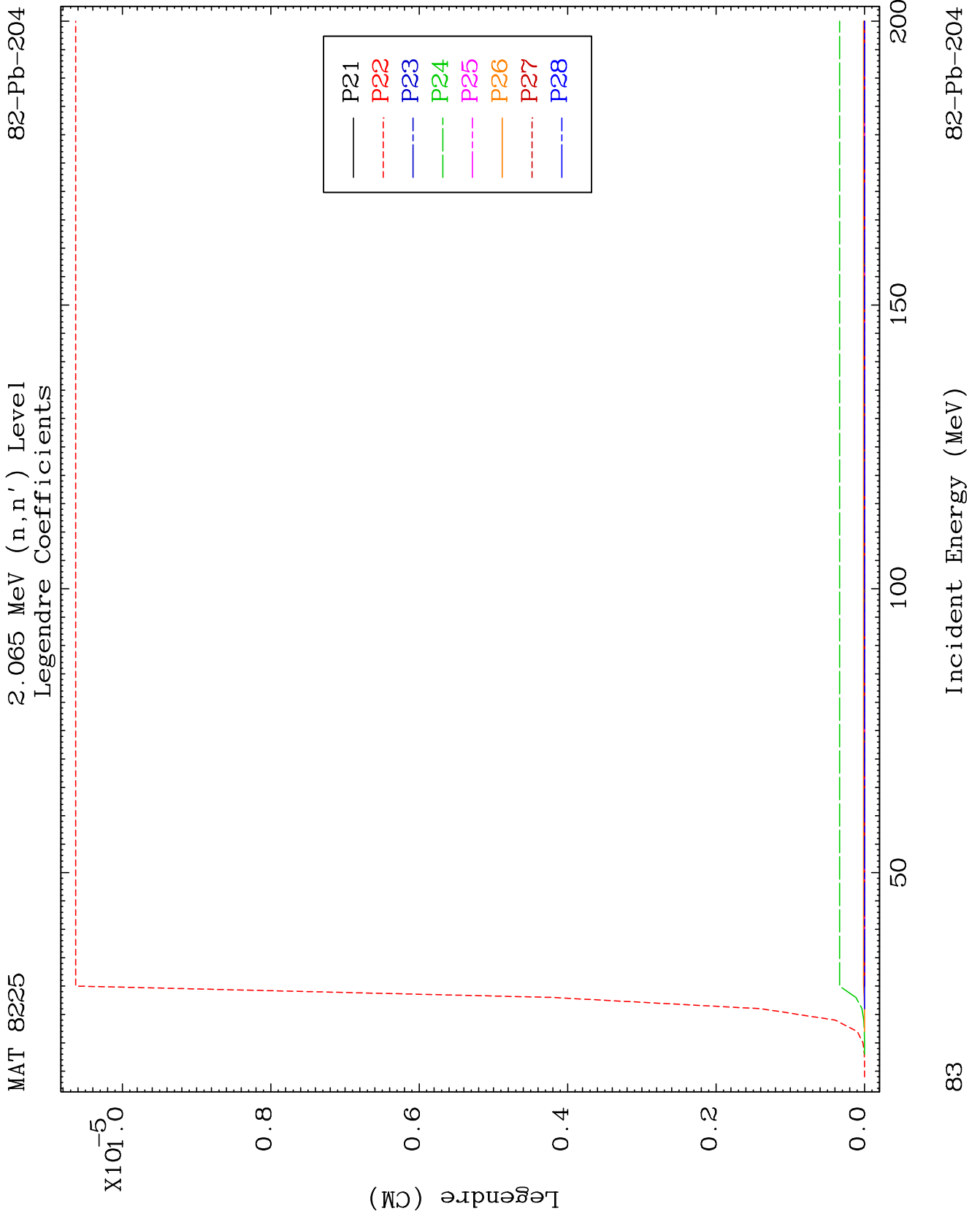
Incident Energy (MeV)

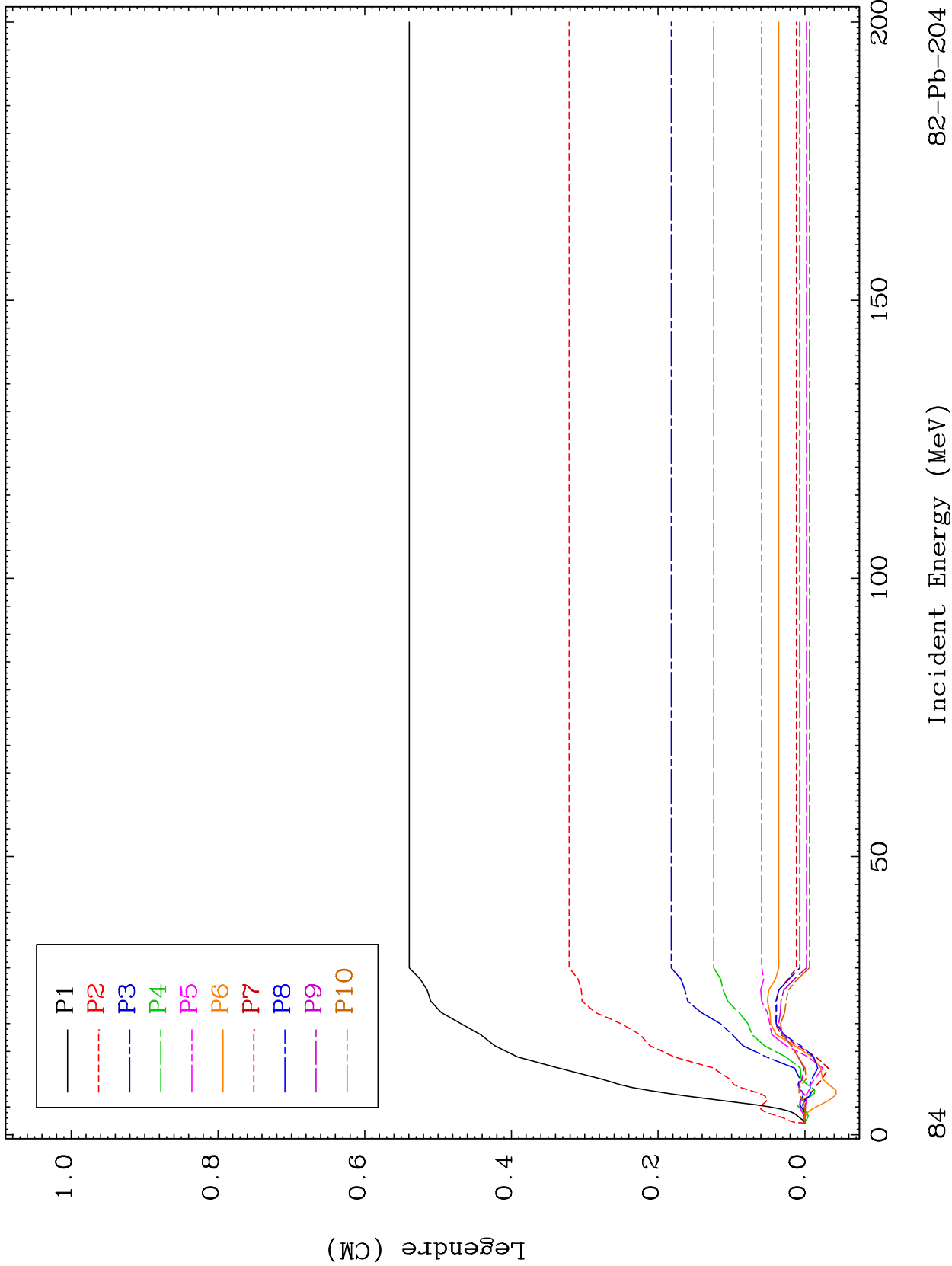
82-Pb-204







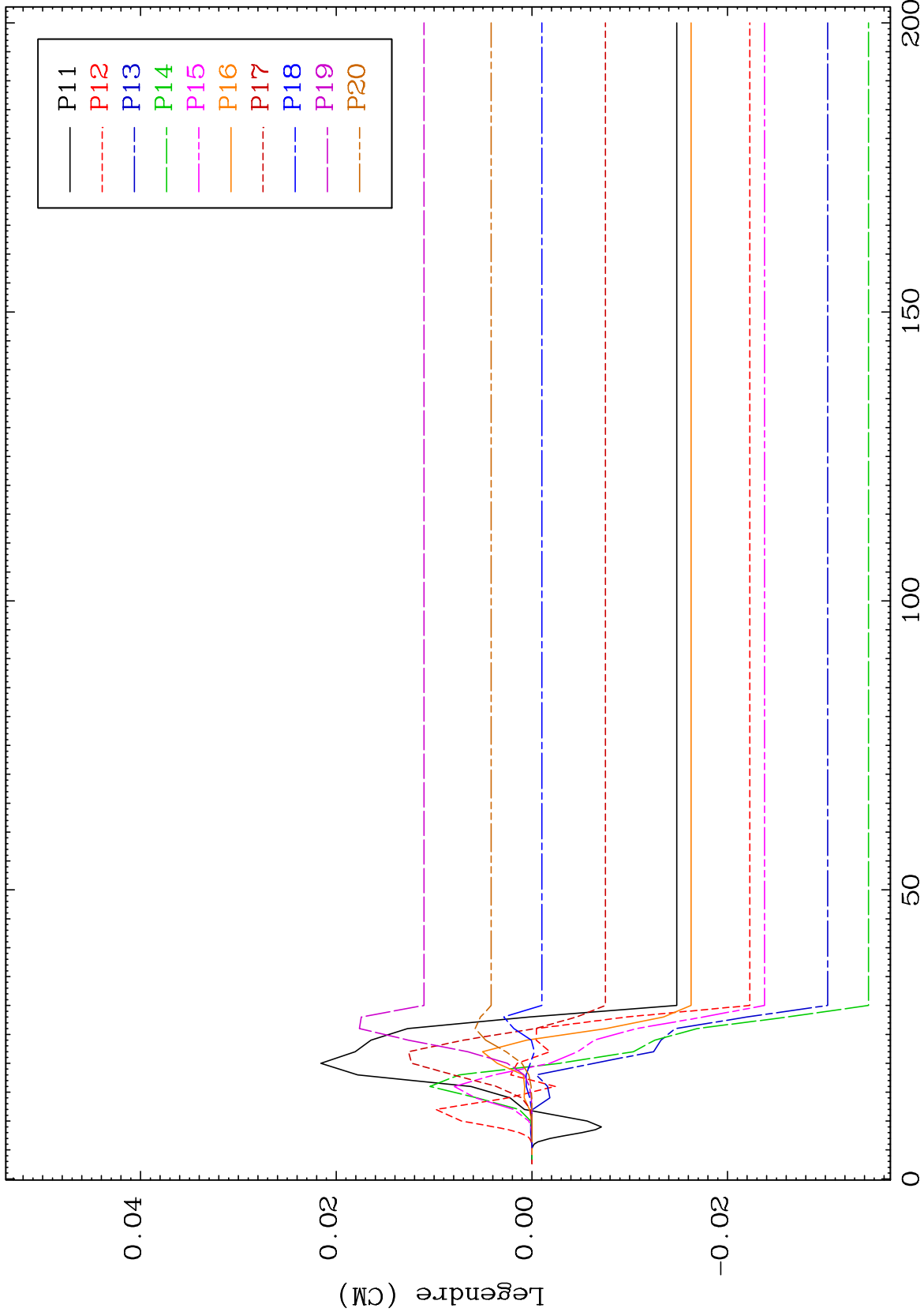




MAT 8225

2.105 MeV (n, n') Level
Legendre Coefficients

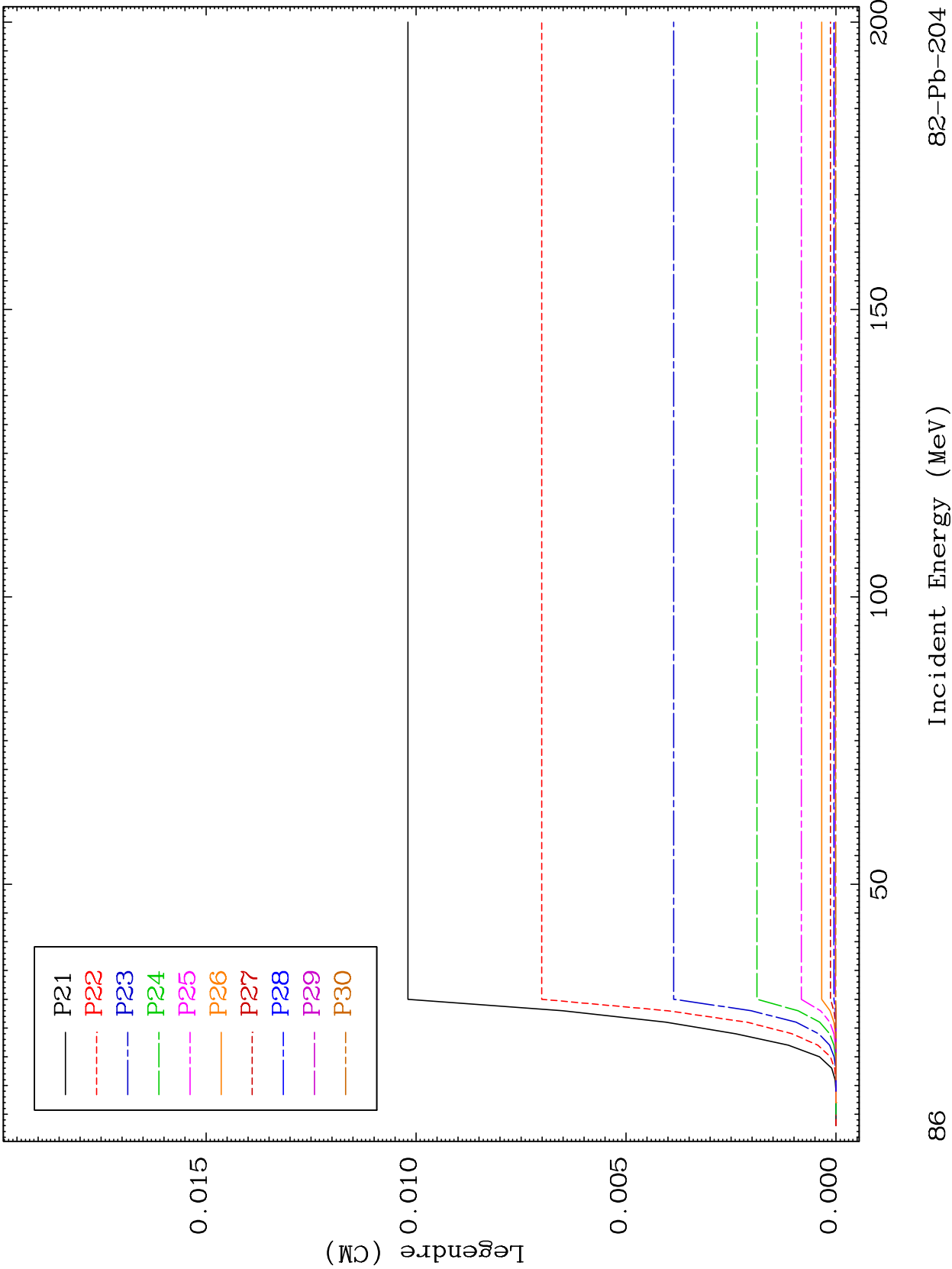
82-Pb-204

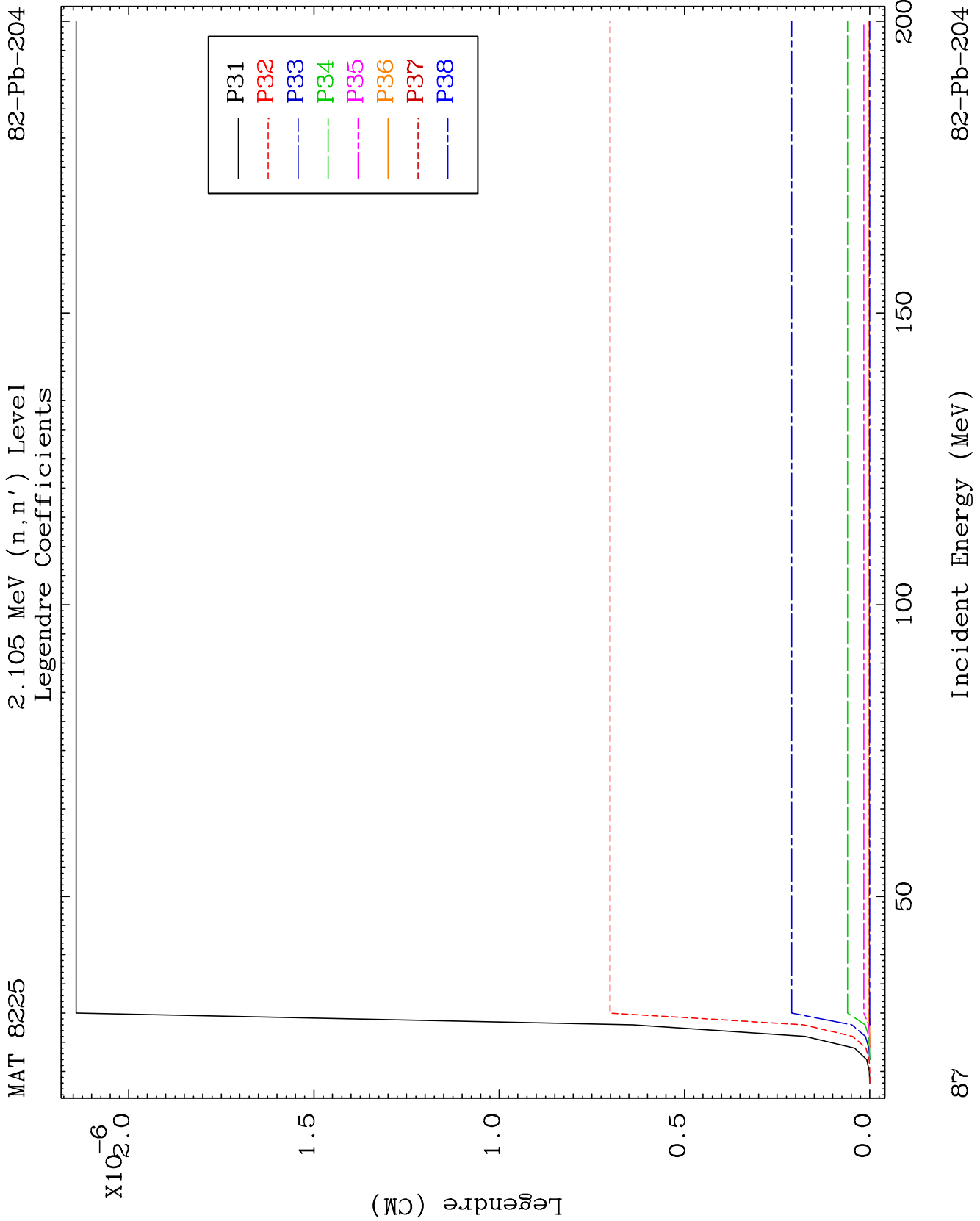


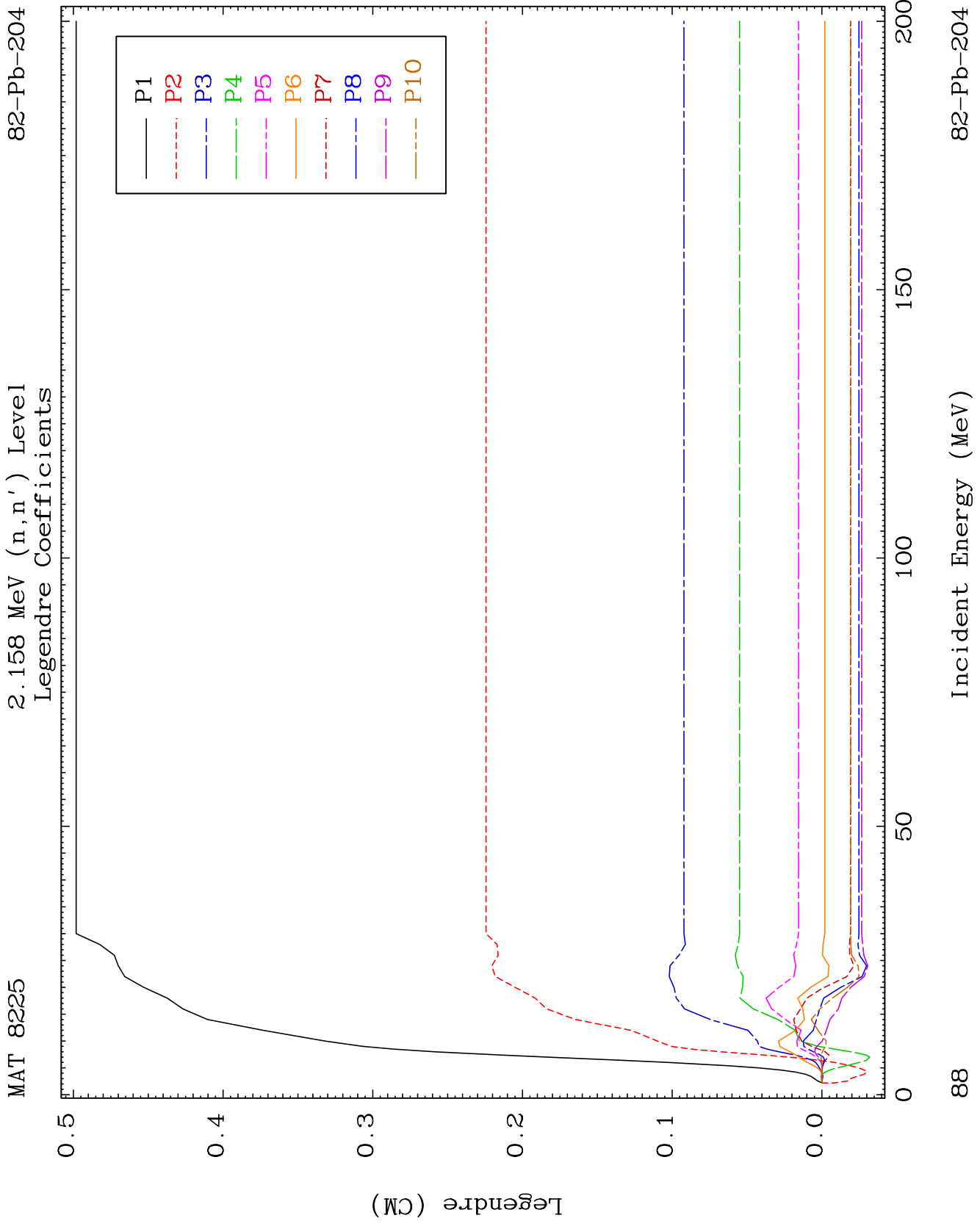
85

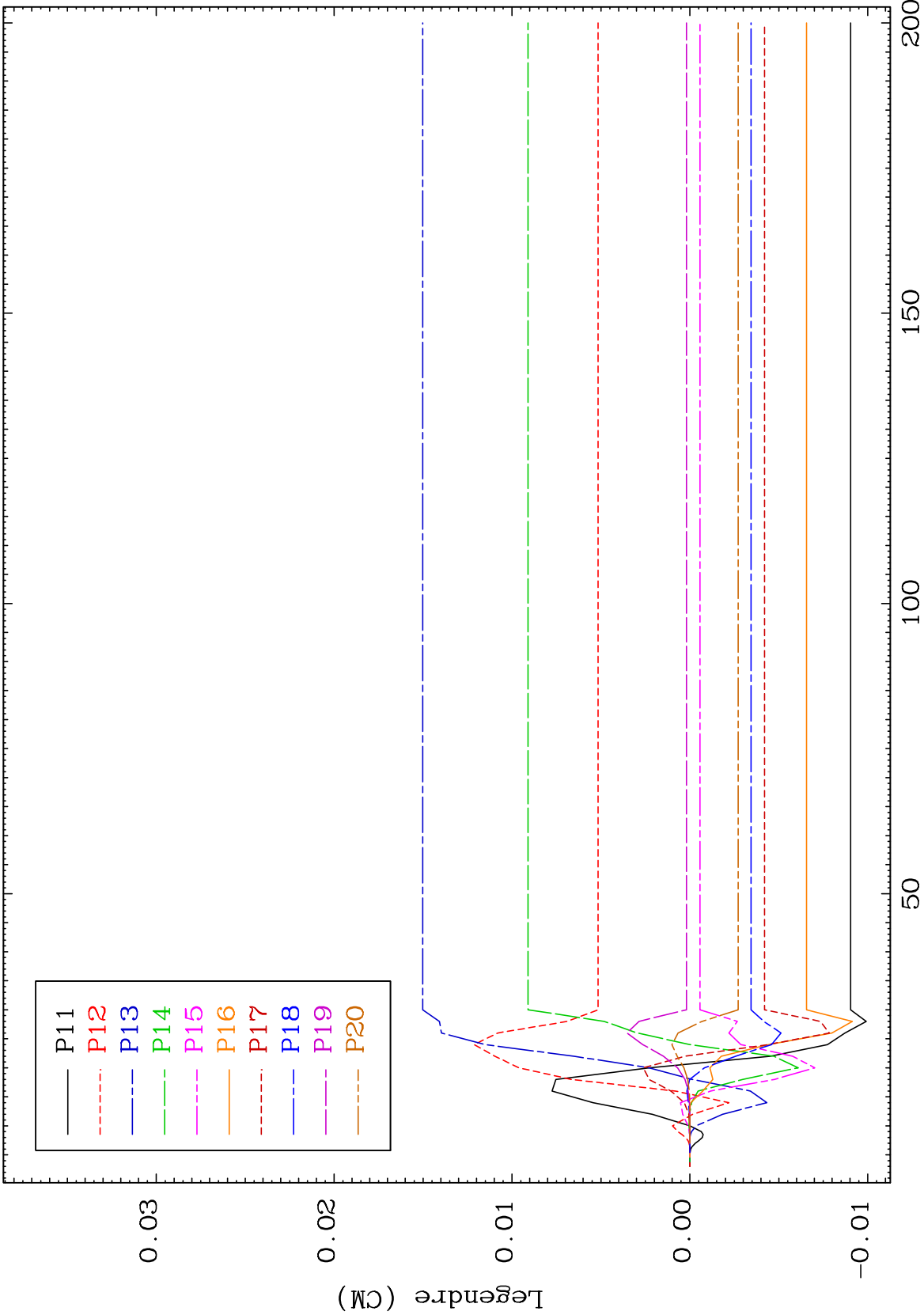
Incident Energy (MeV)

82-Pb-204





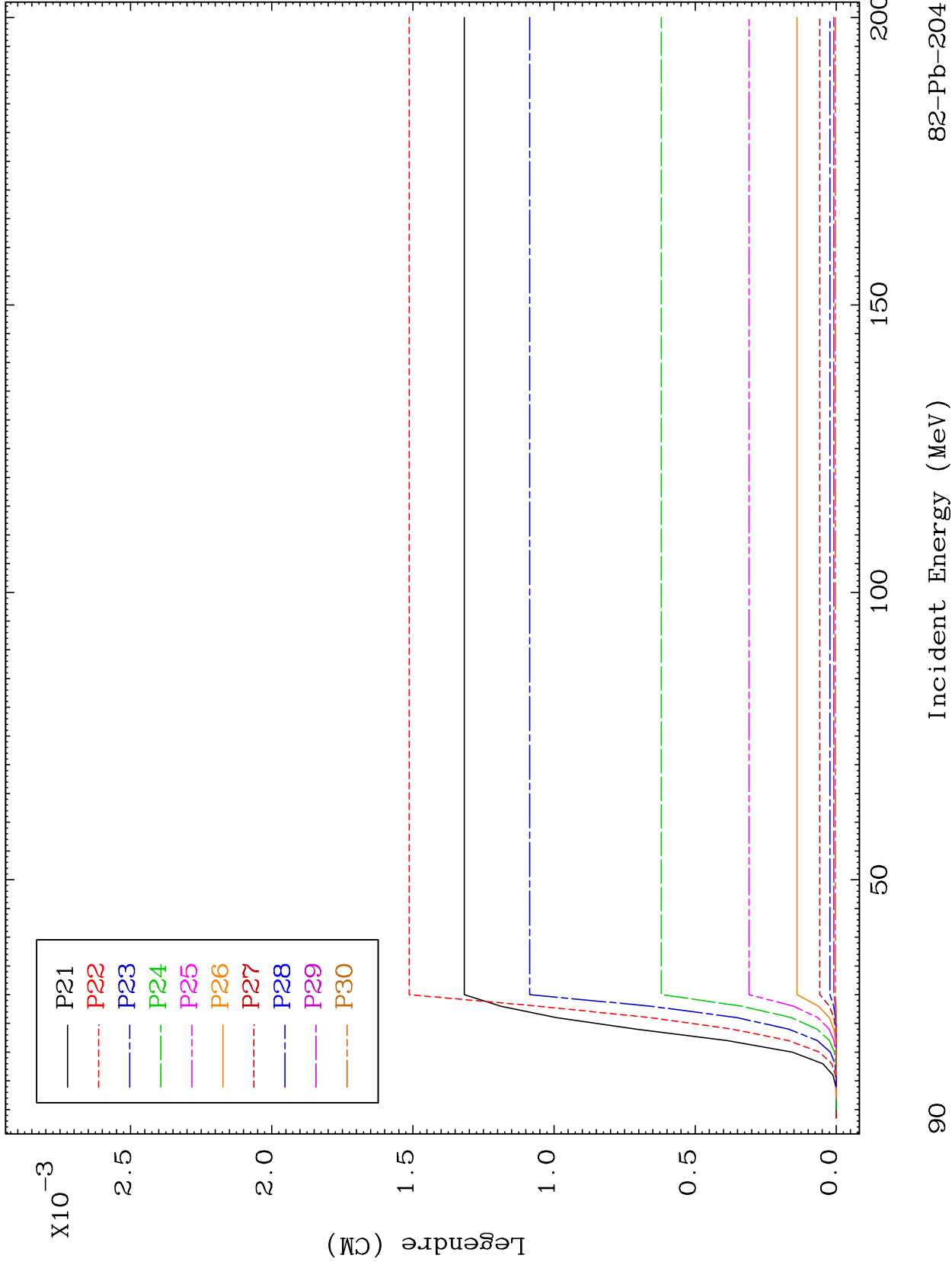




MAT 8225

2.158 MeV (n,n') Level
Legendre Coefficients

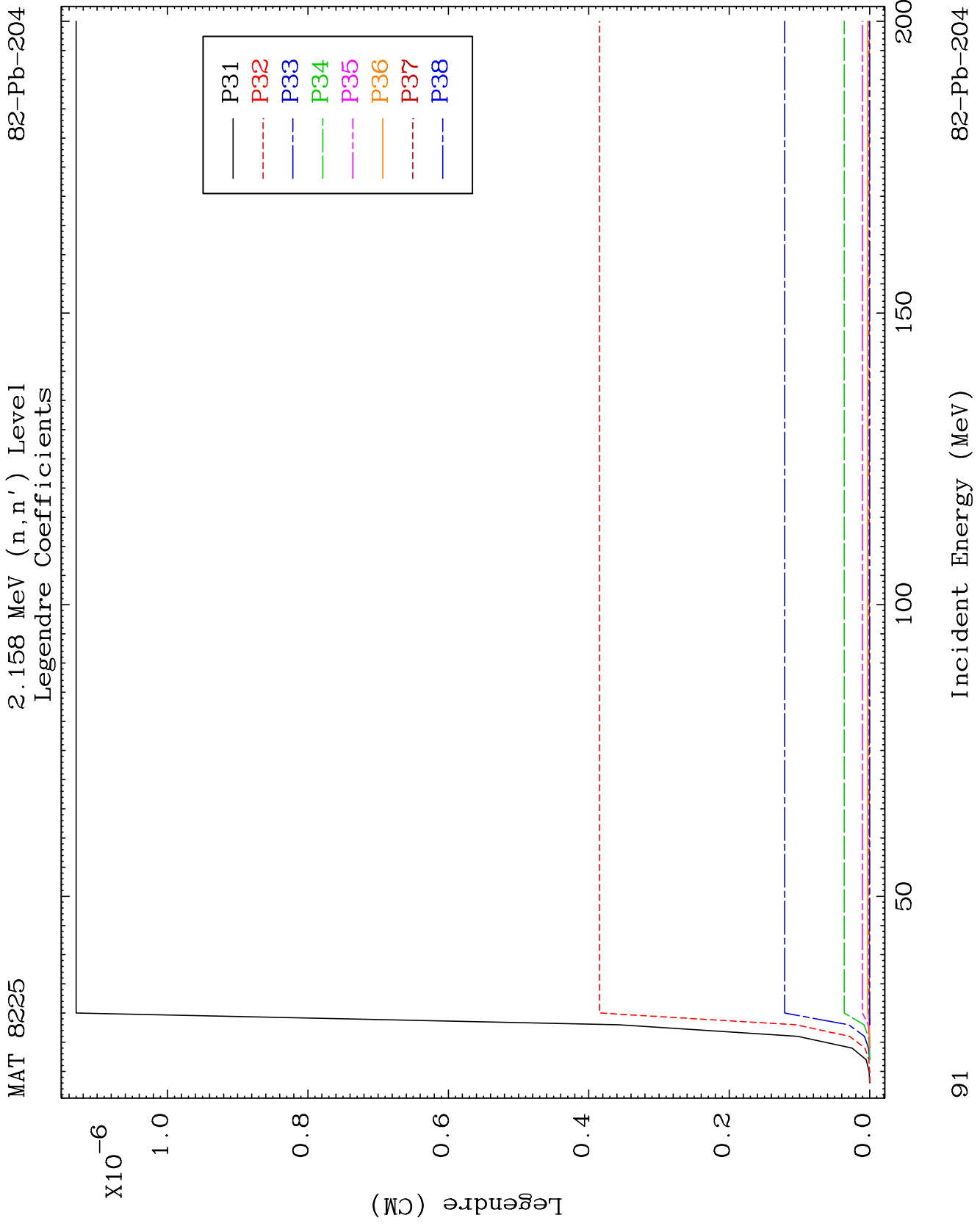
82-Pb-204

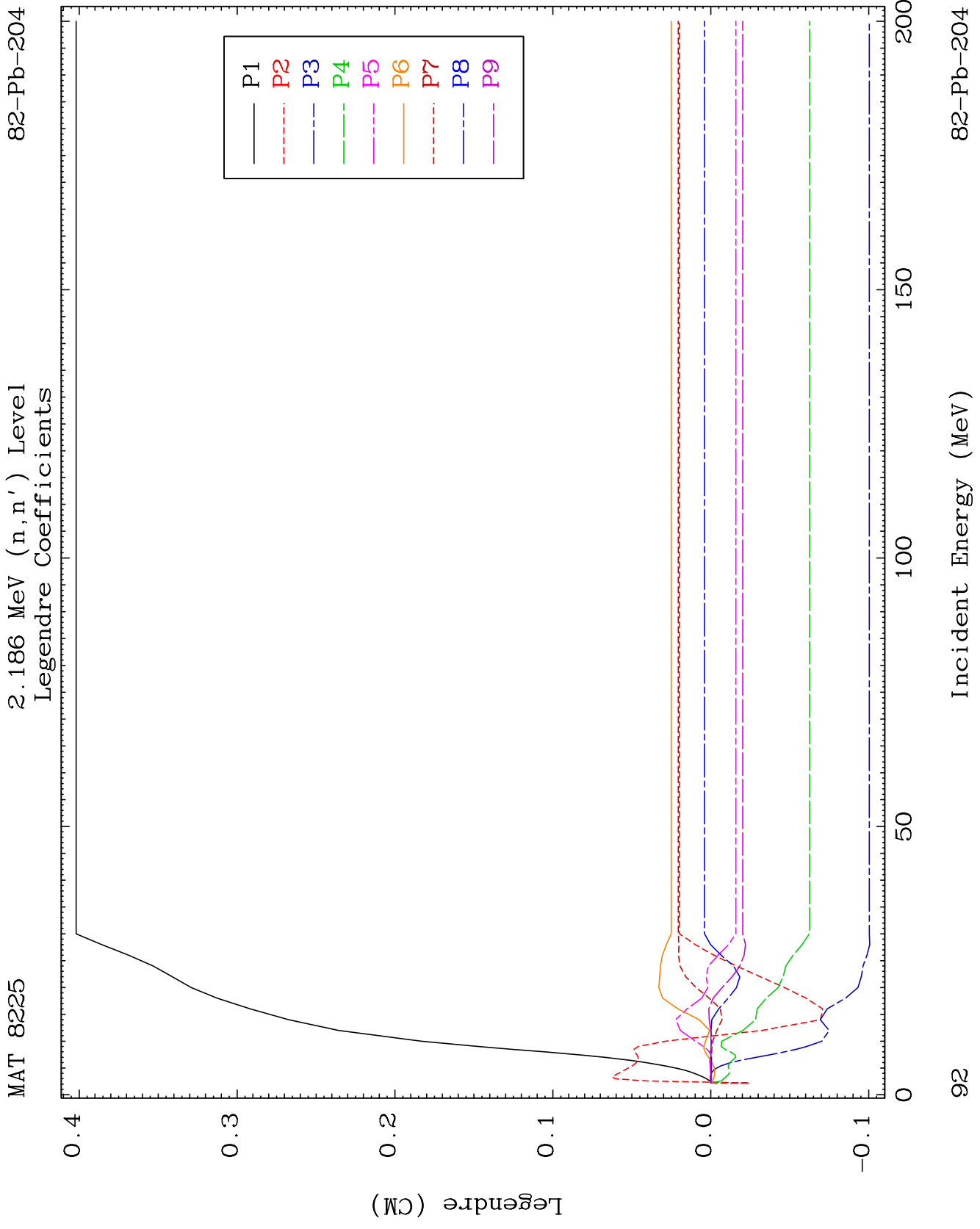


90

Incident Energy (MeV)

82-Pb-204

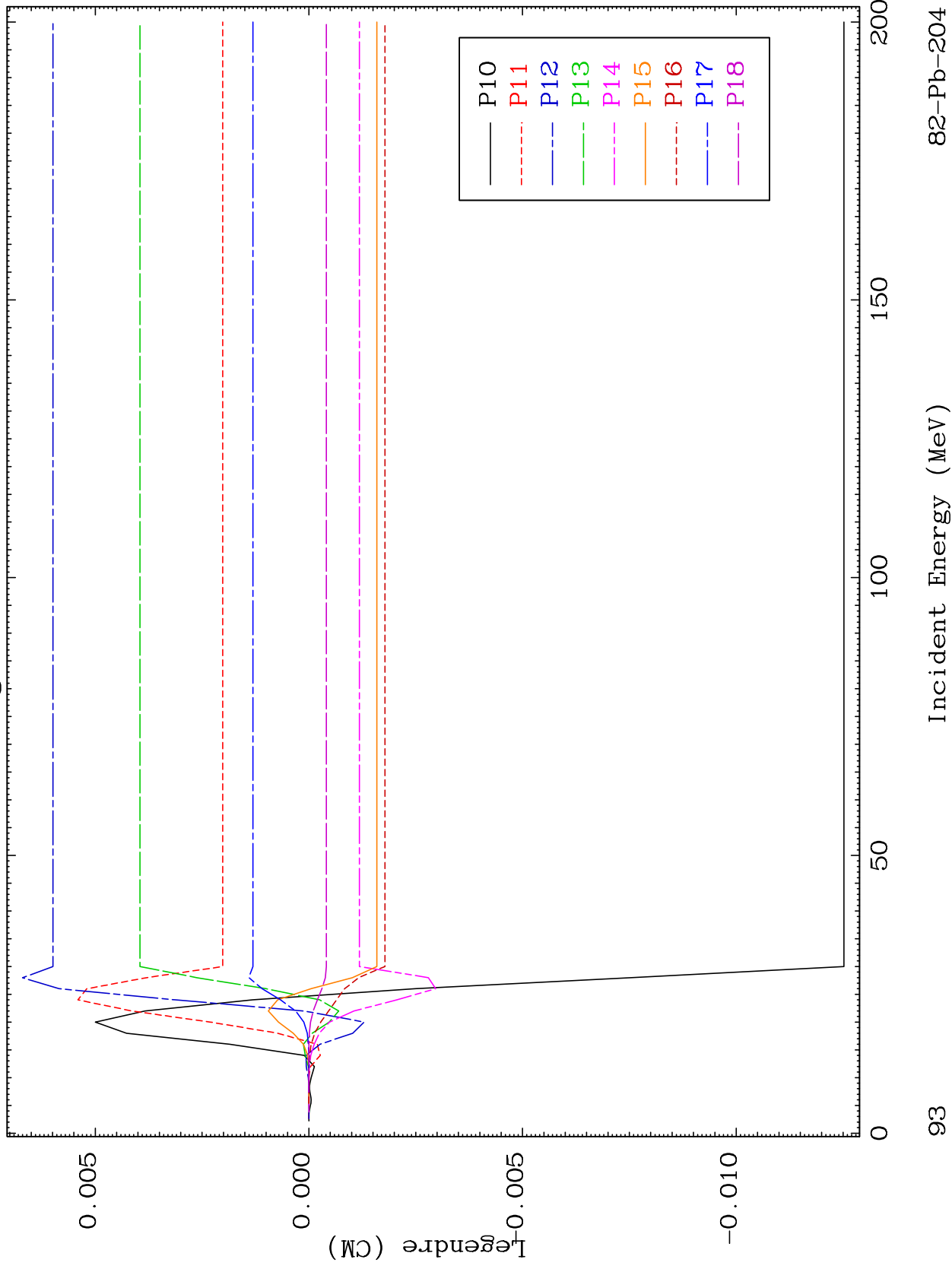




MAT 8225

2.186 MeV (n,n') Level
Legendre Coefficients

82-Pb-204



93

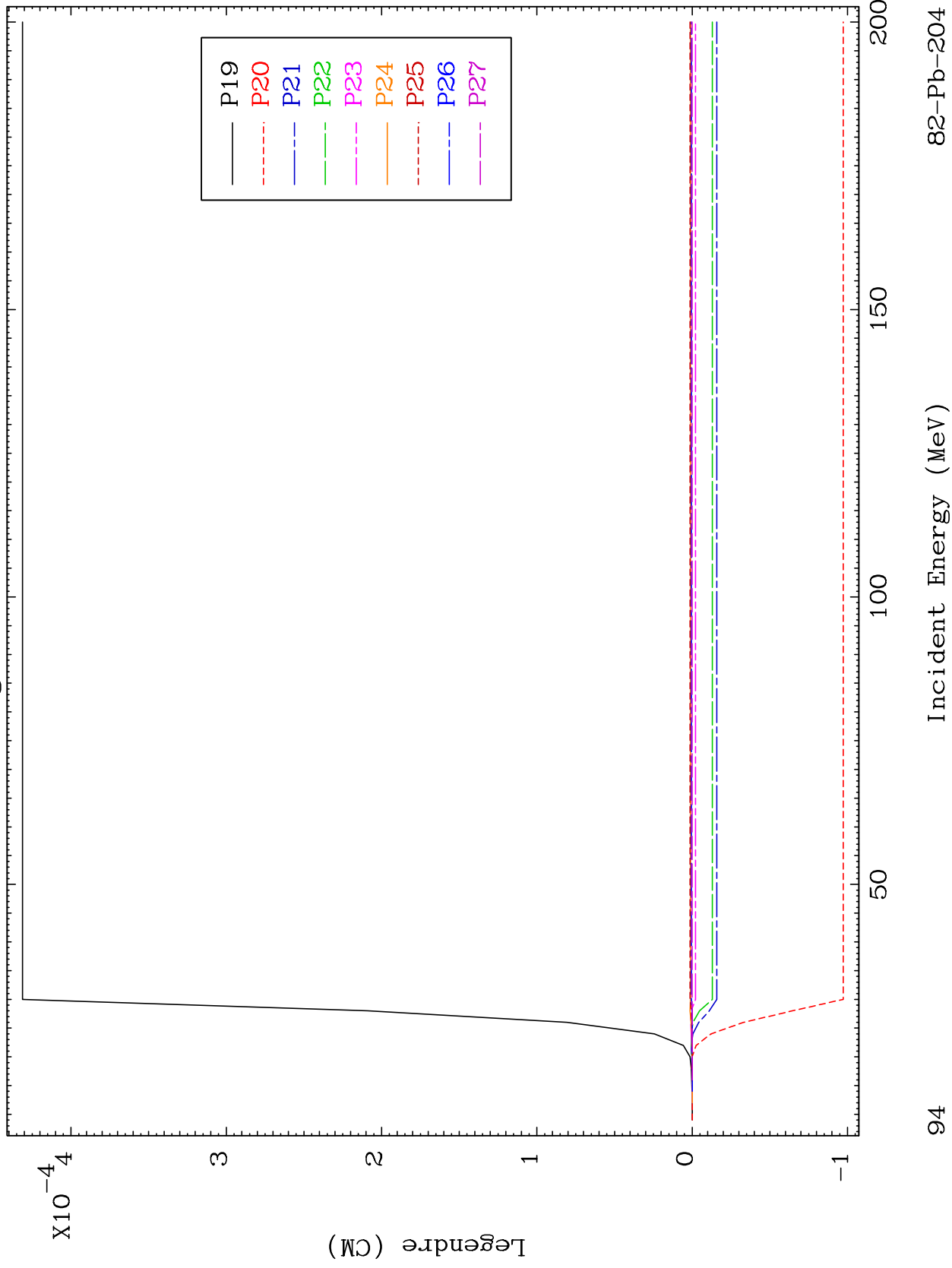
Incident Energy (MeV)

82-Pb-204

MAT 8225

2.186 MeV (n,n') Level
Legendre Coefficients

82-Pb-204



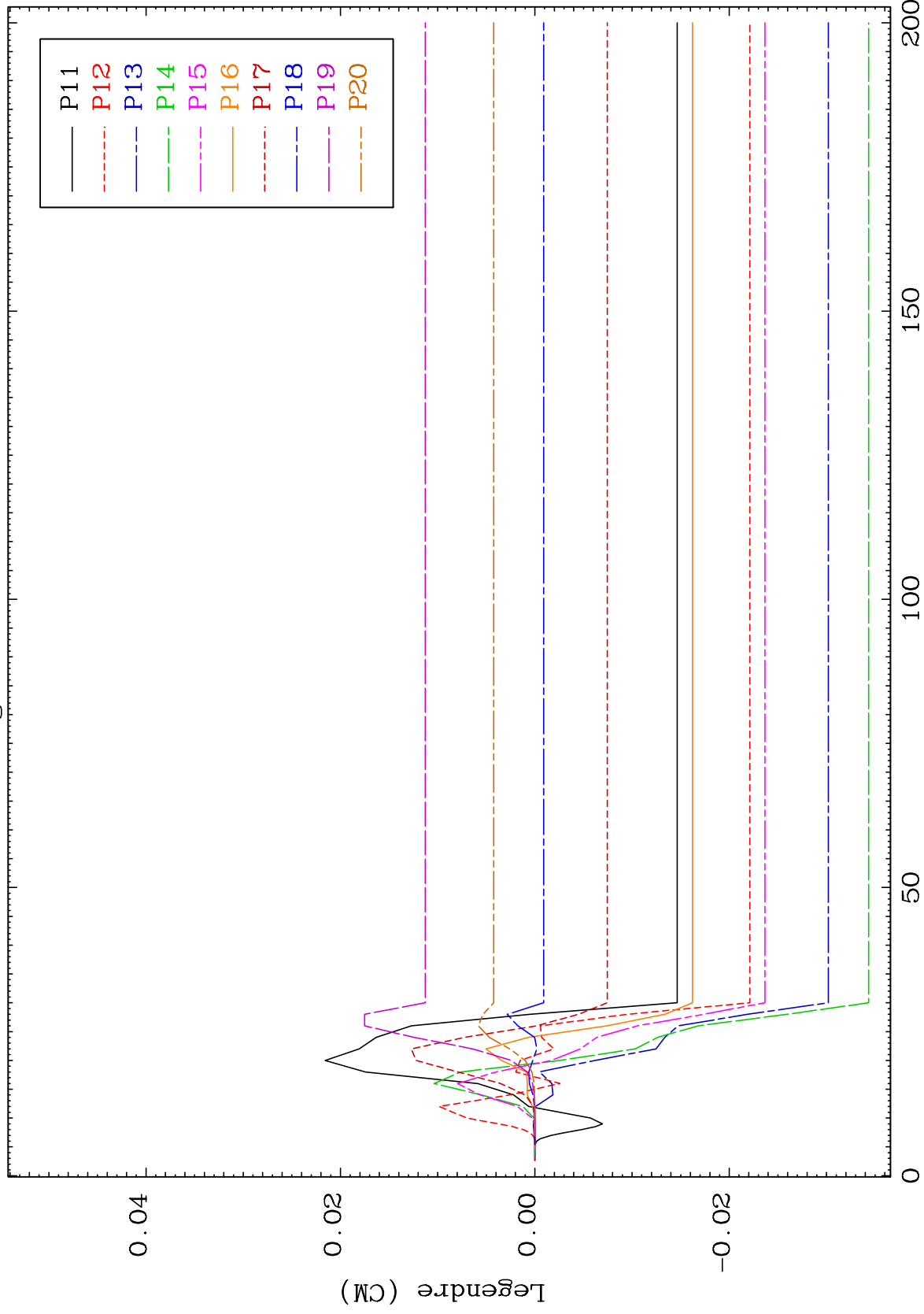
94

82-Pb-204

MAT 8225

2.202 MeV (n, n') Level
Legendre Coefficients

82-Pb-204



97

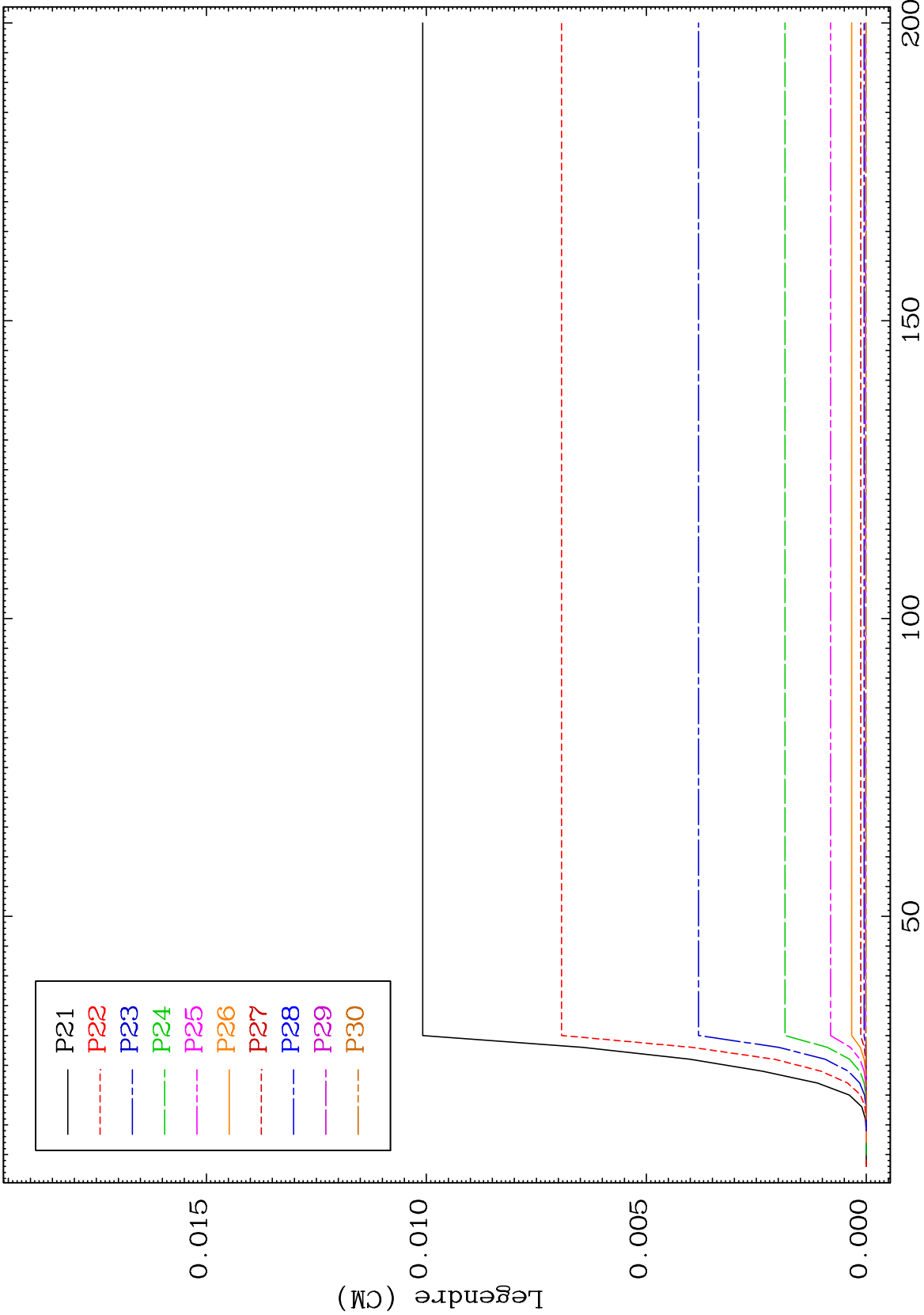
Incident Energy (MeV)

82-Pb-204

MAT 8225

2.202 MeV (n,n') Level
Legendre Coefficients

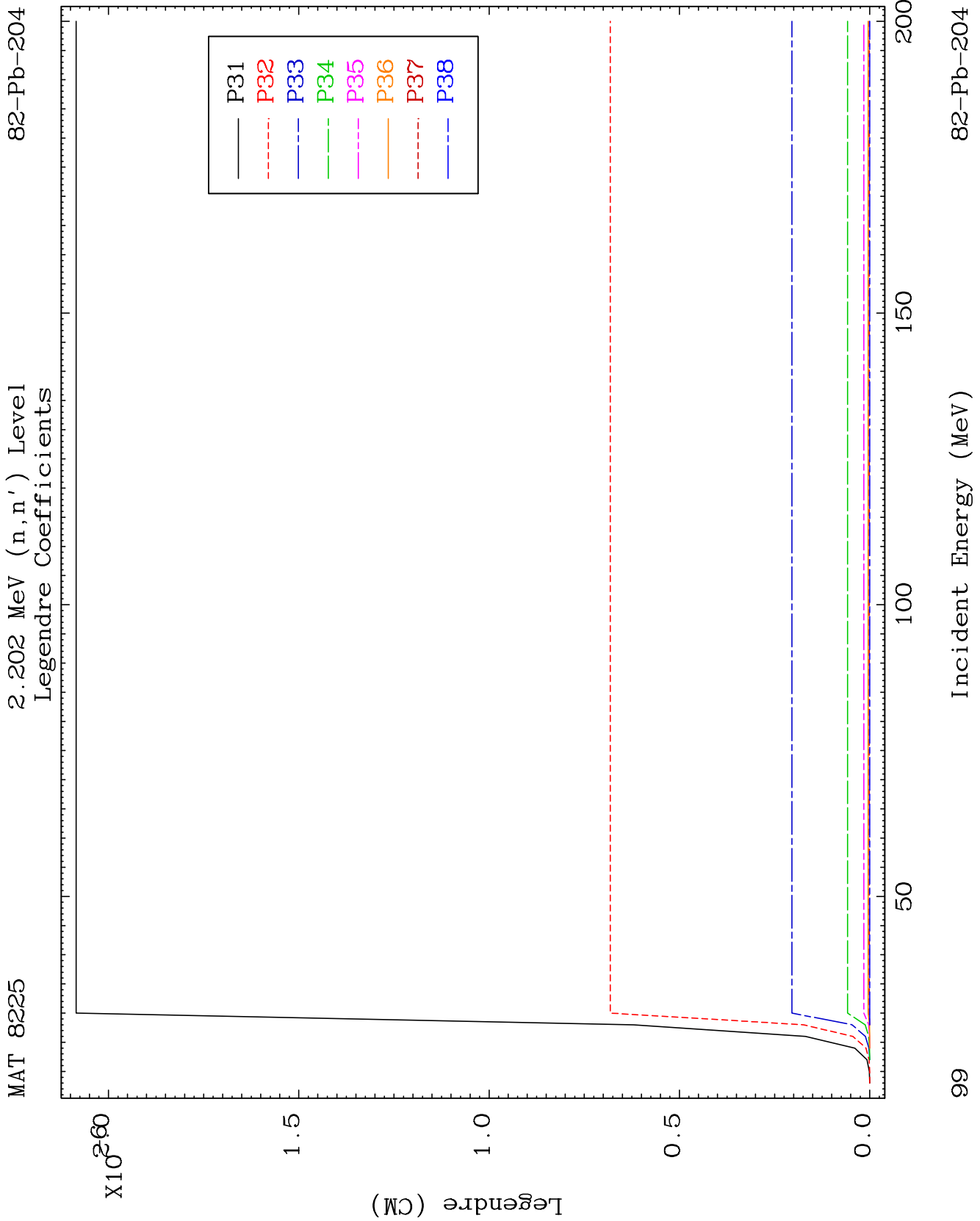
82-Pb-204

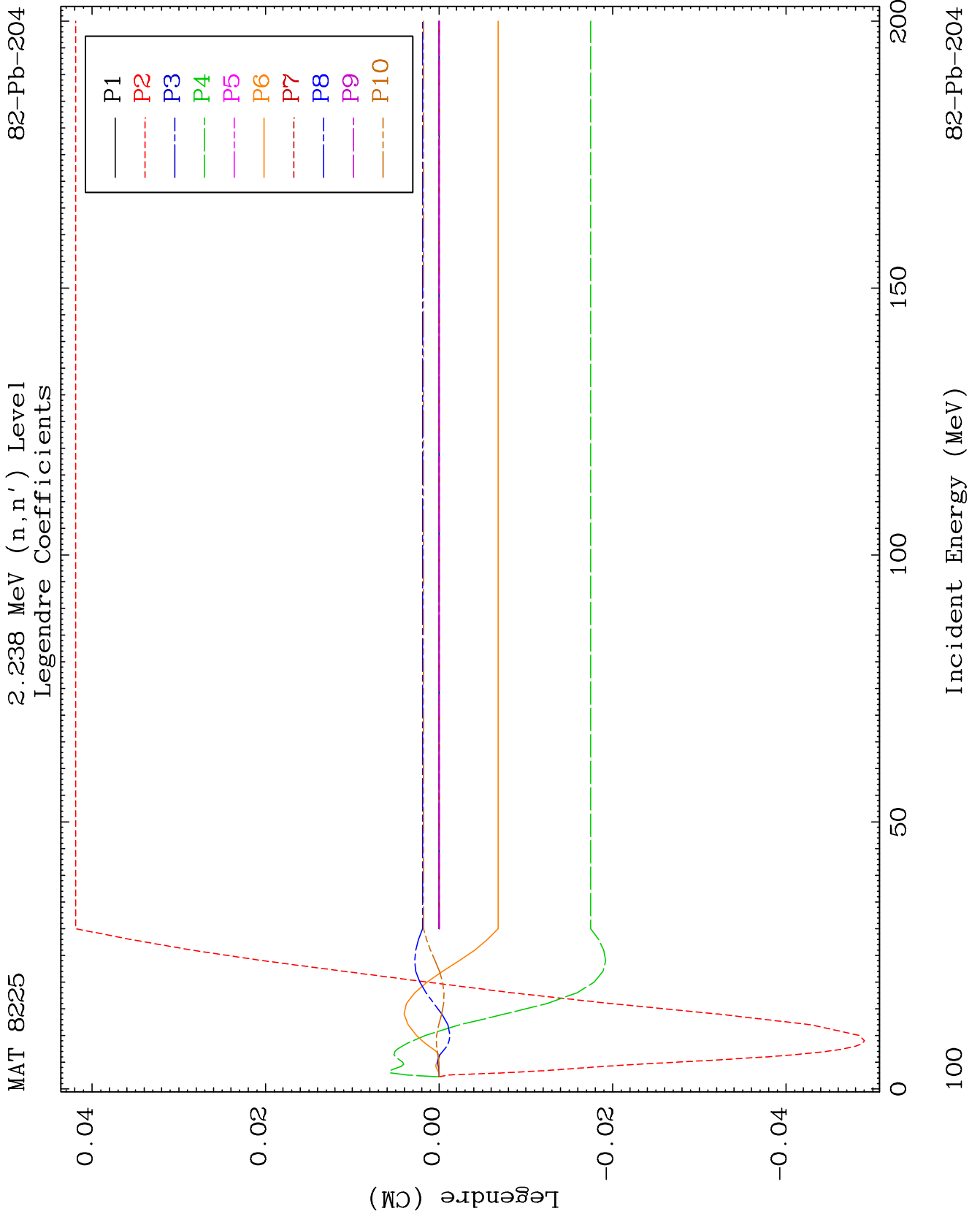


98

Incident Energy (MeV)

82-Pb-204

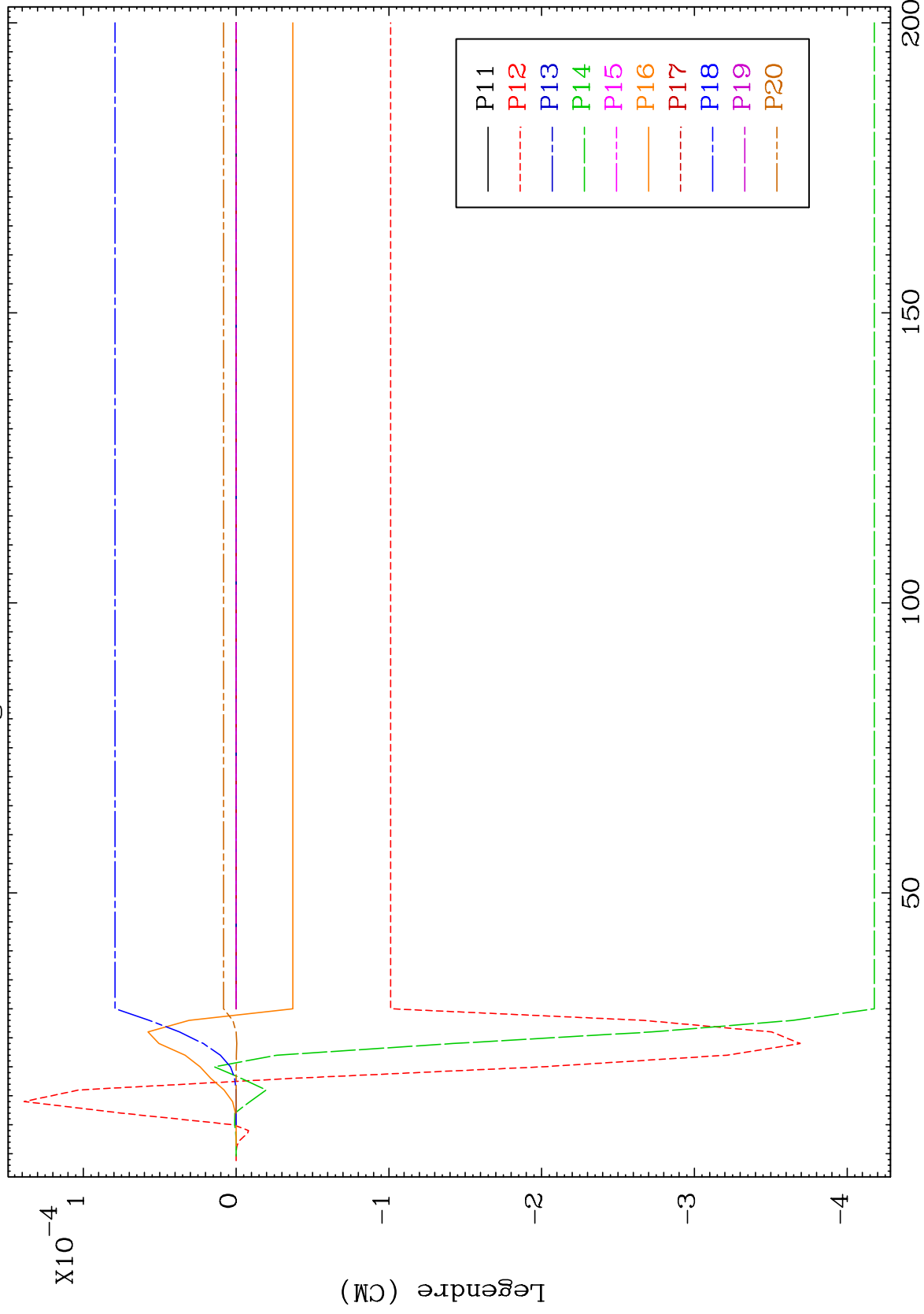




MAT 8225

2.238 MeV (n,n') Level
Legendre Coefficients

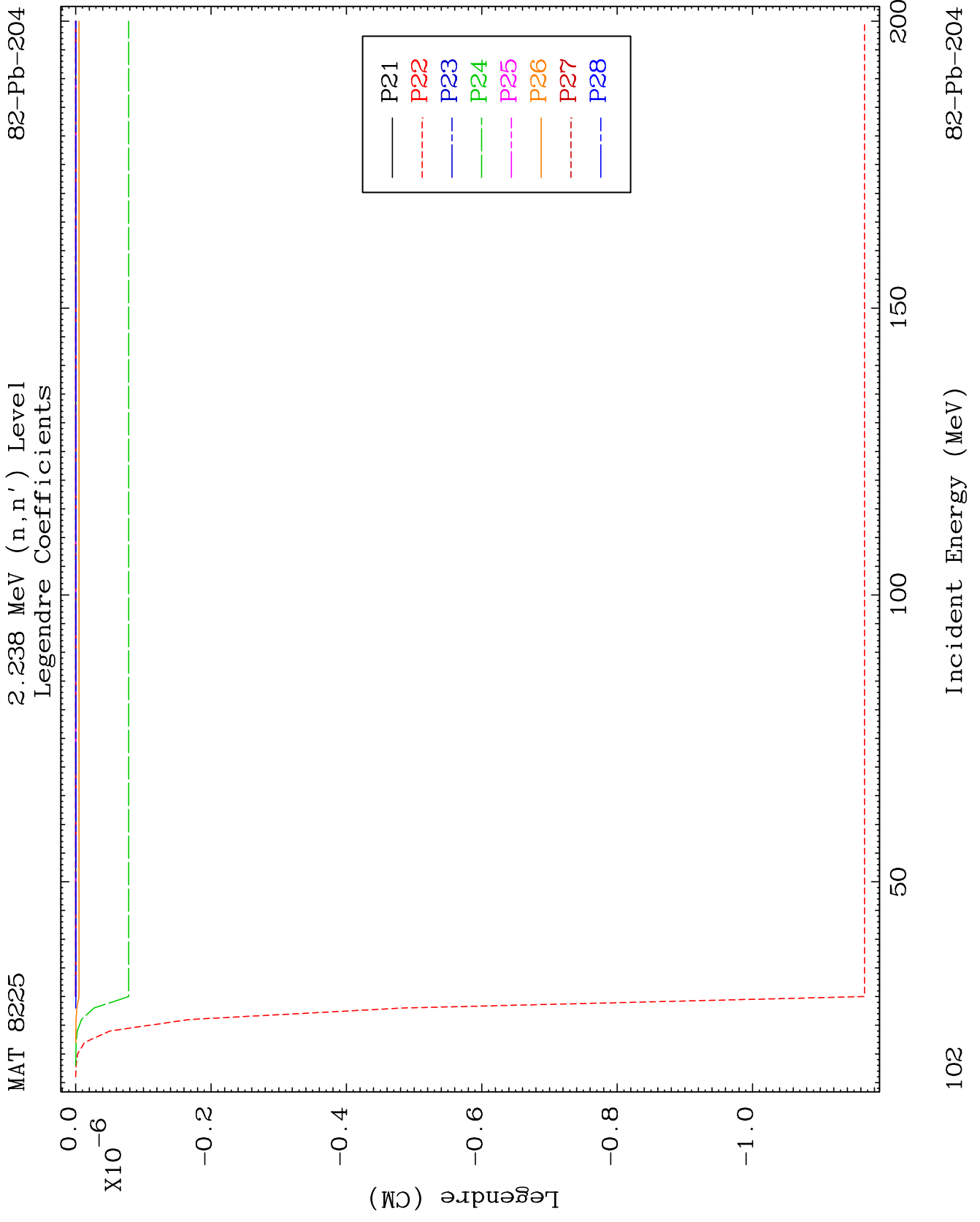
82-Pb-204

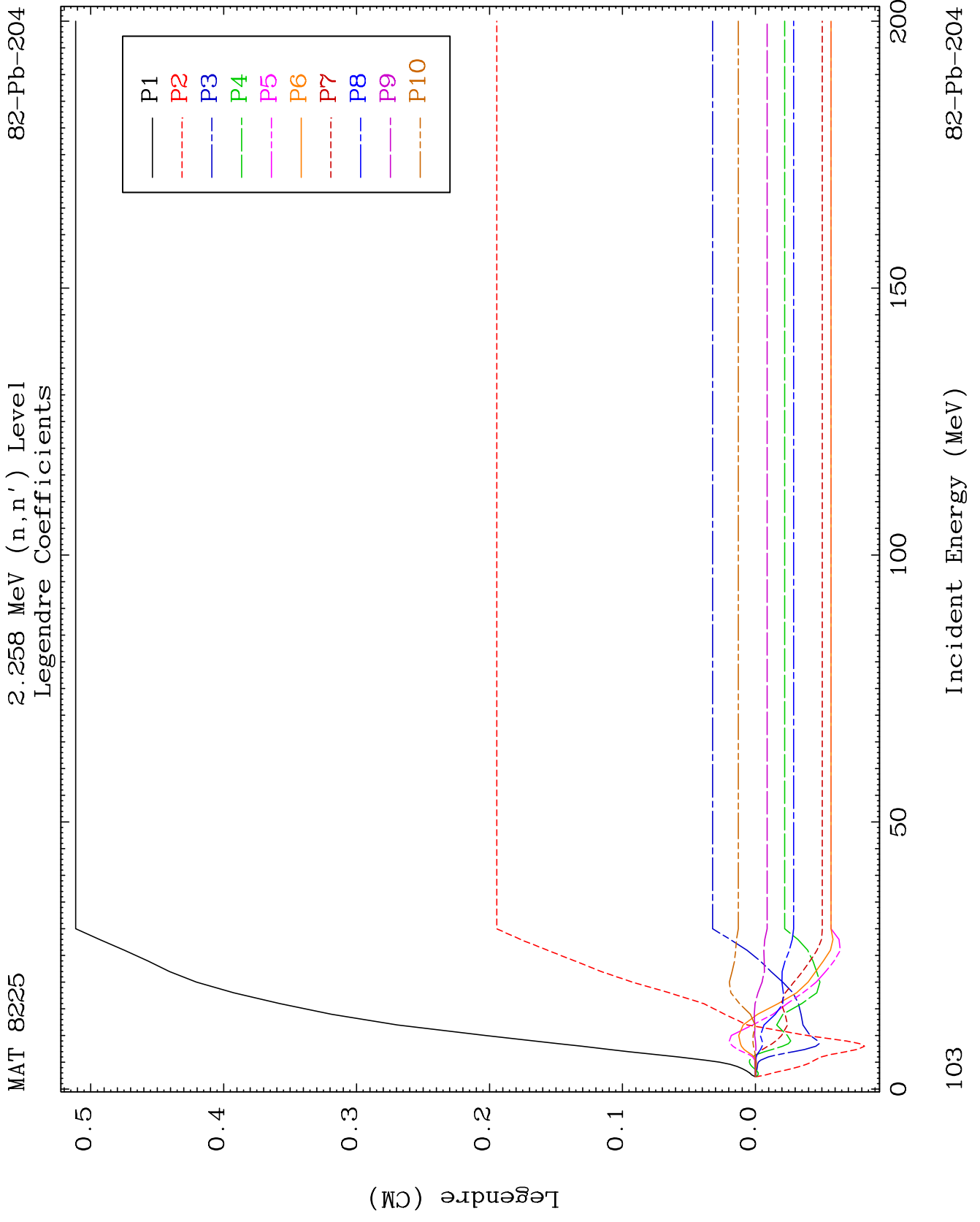


101

Incident Energy (MeV)

82-Pb-204

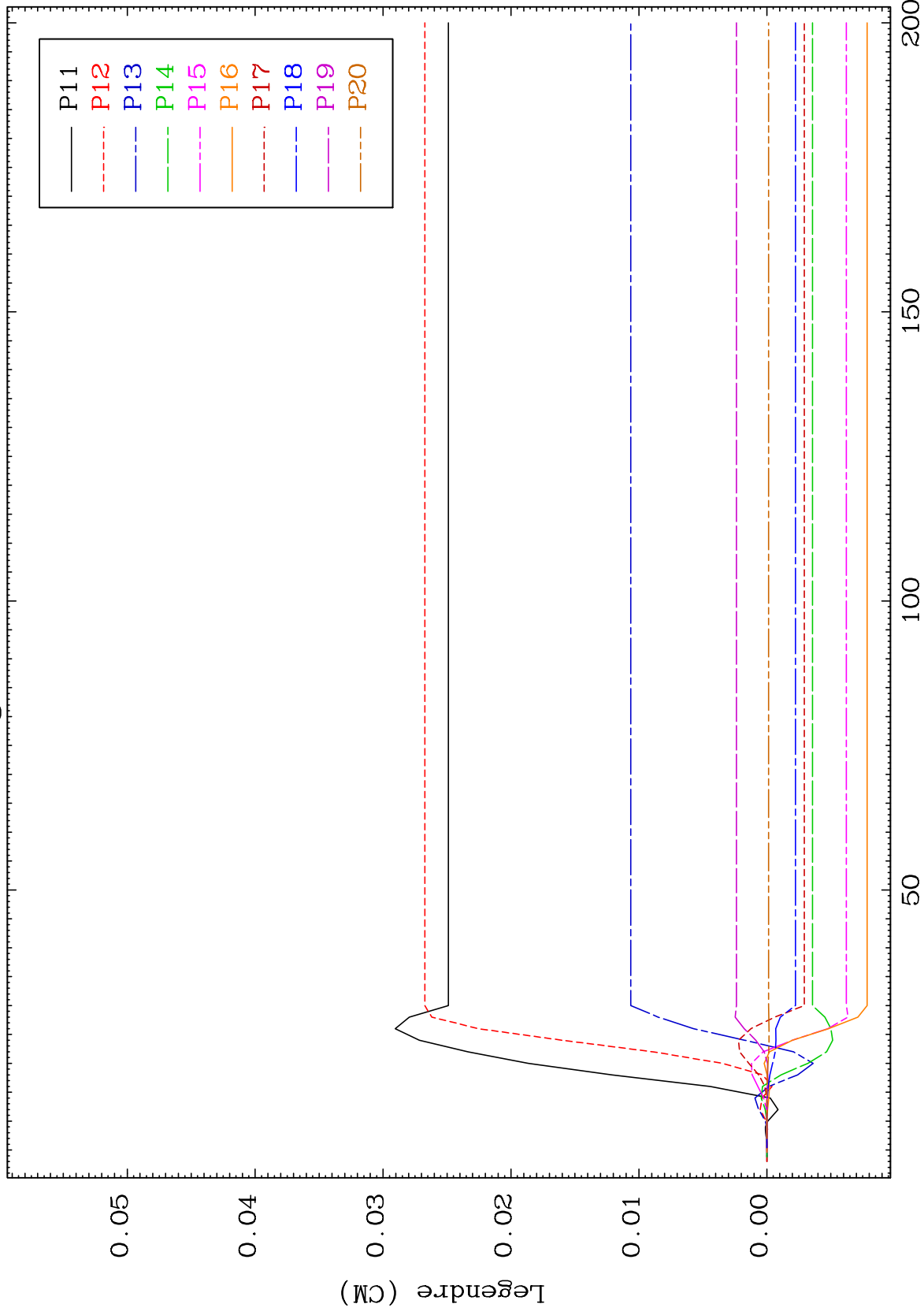




MAT 8225

2.258 MeV (n,n') Level
Legendre Coefficients

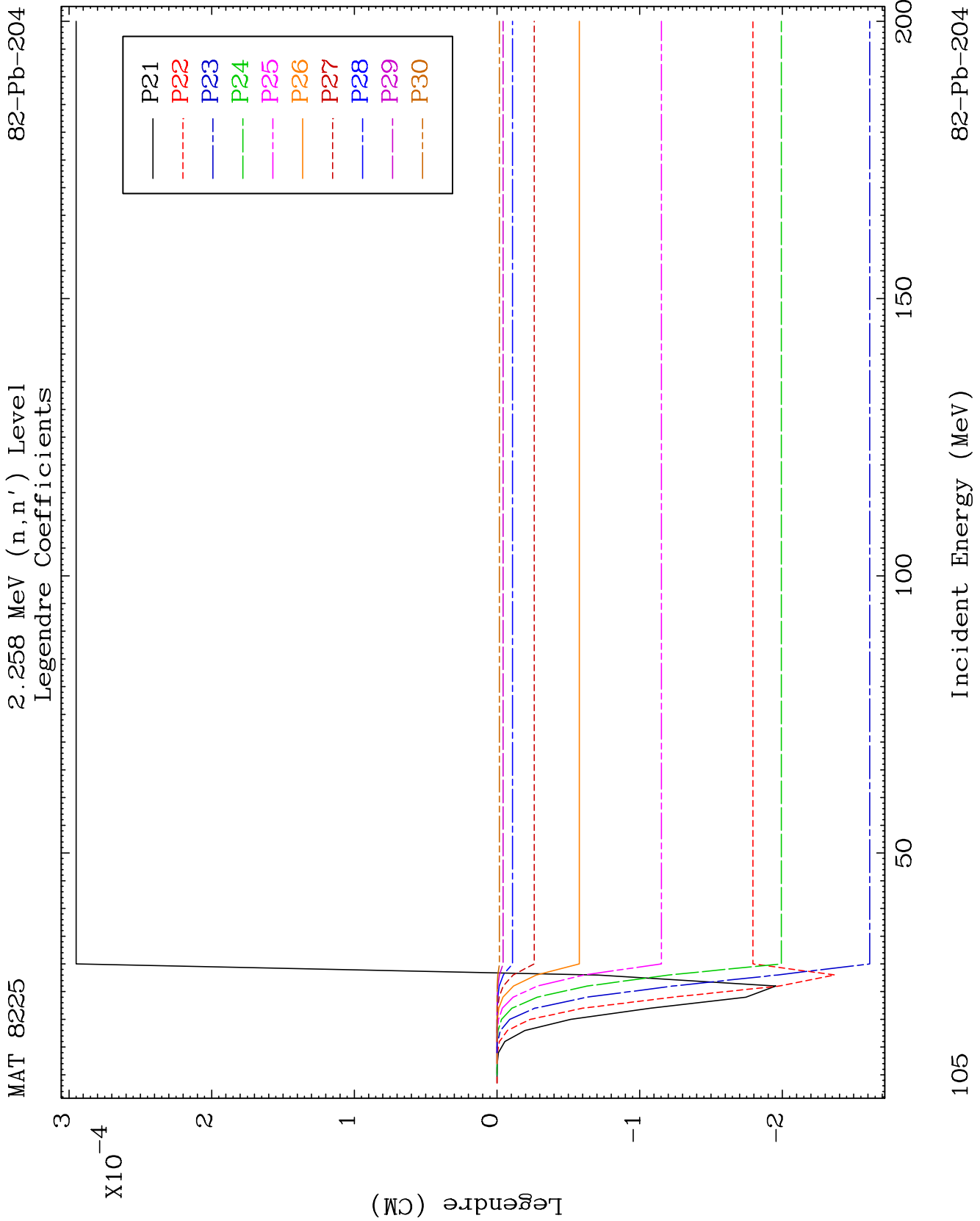
82-Pb-204

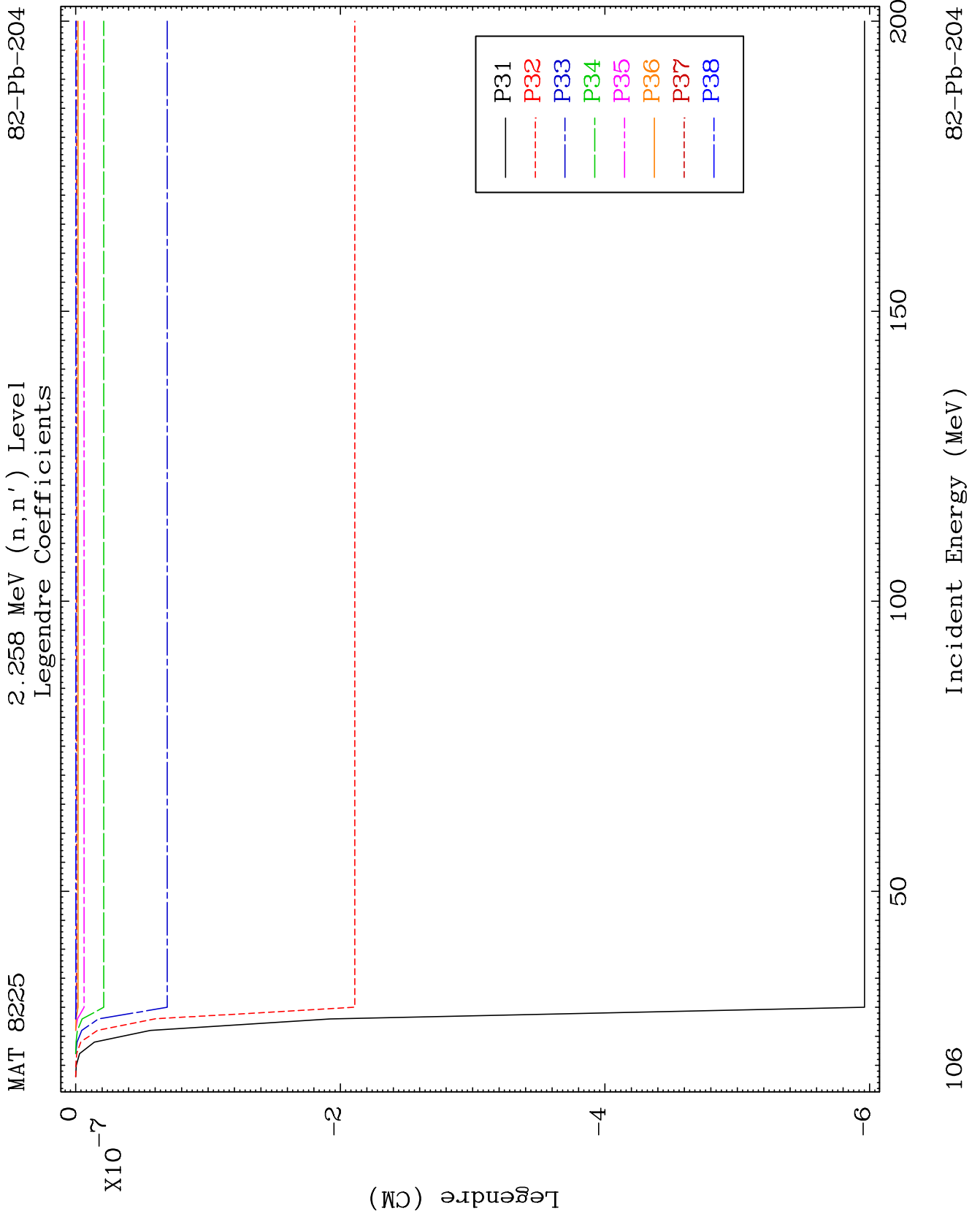


104

Incident Energy (MeV)

82-Pb-204

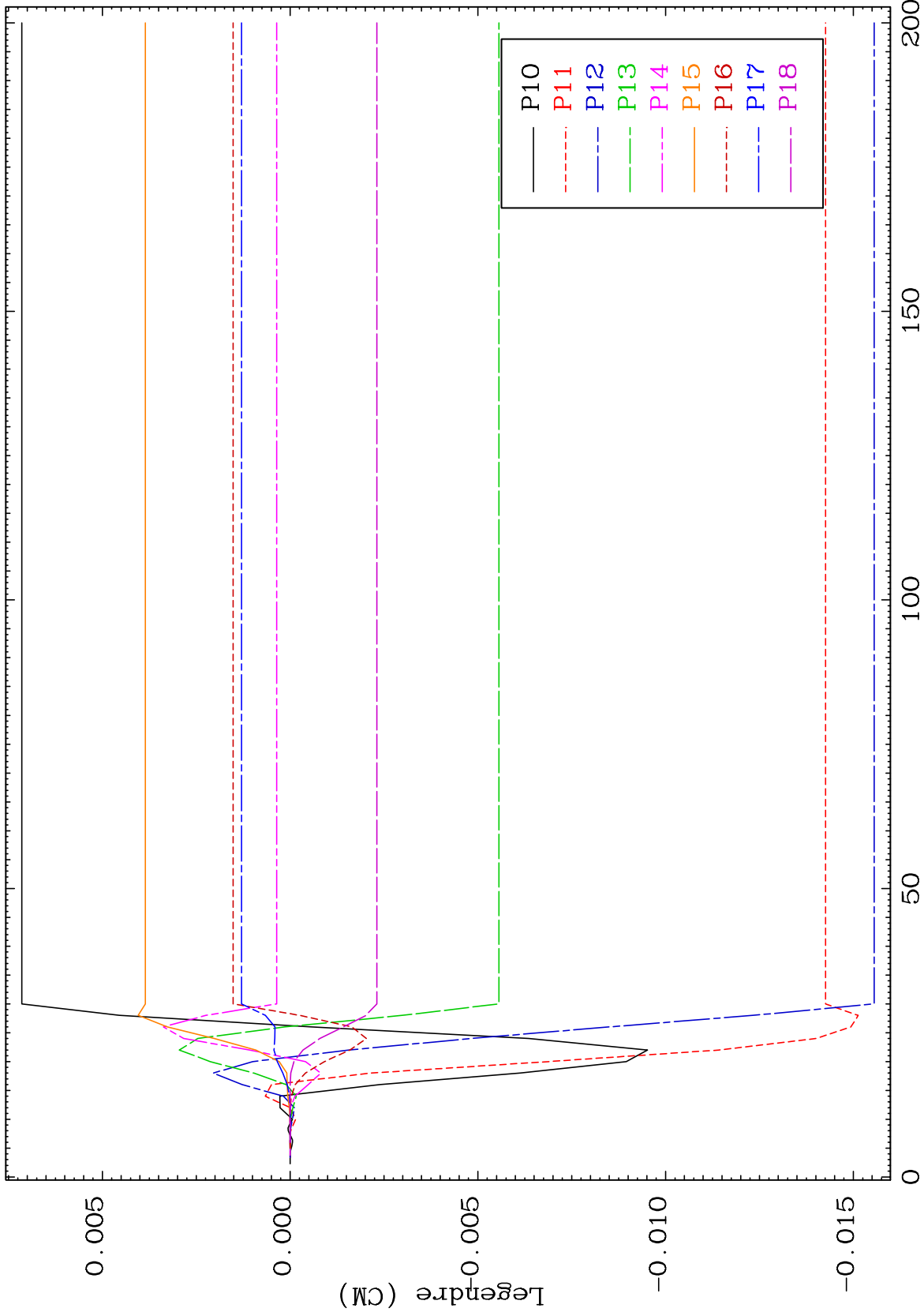




MAT 8225

2.264 MeV (n,n') Level
Legendre Coefficients

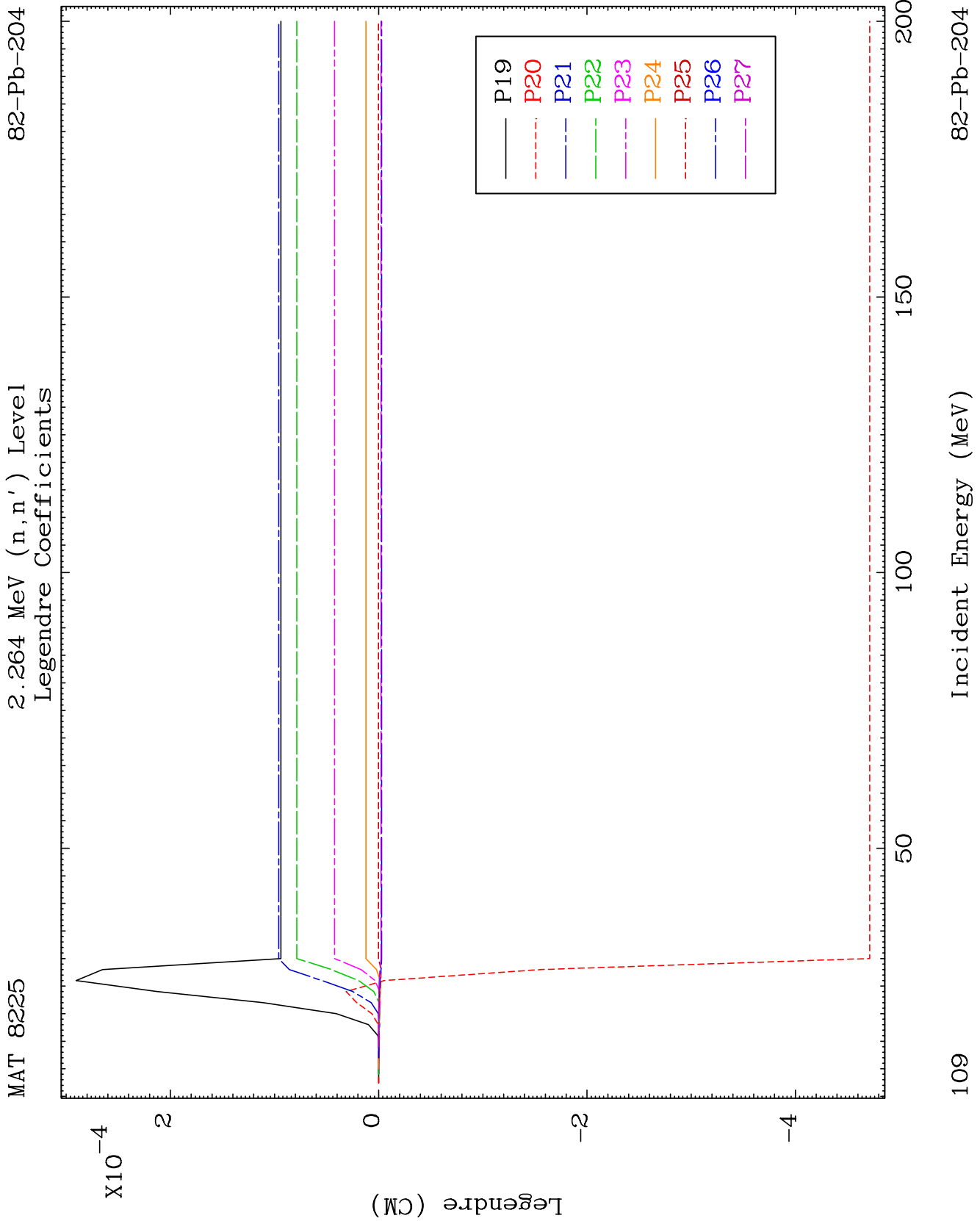
82-Pb-204

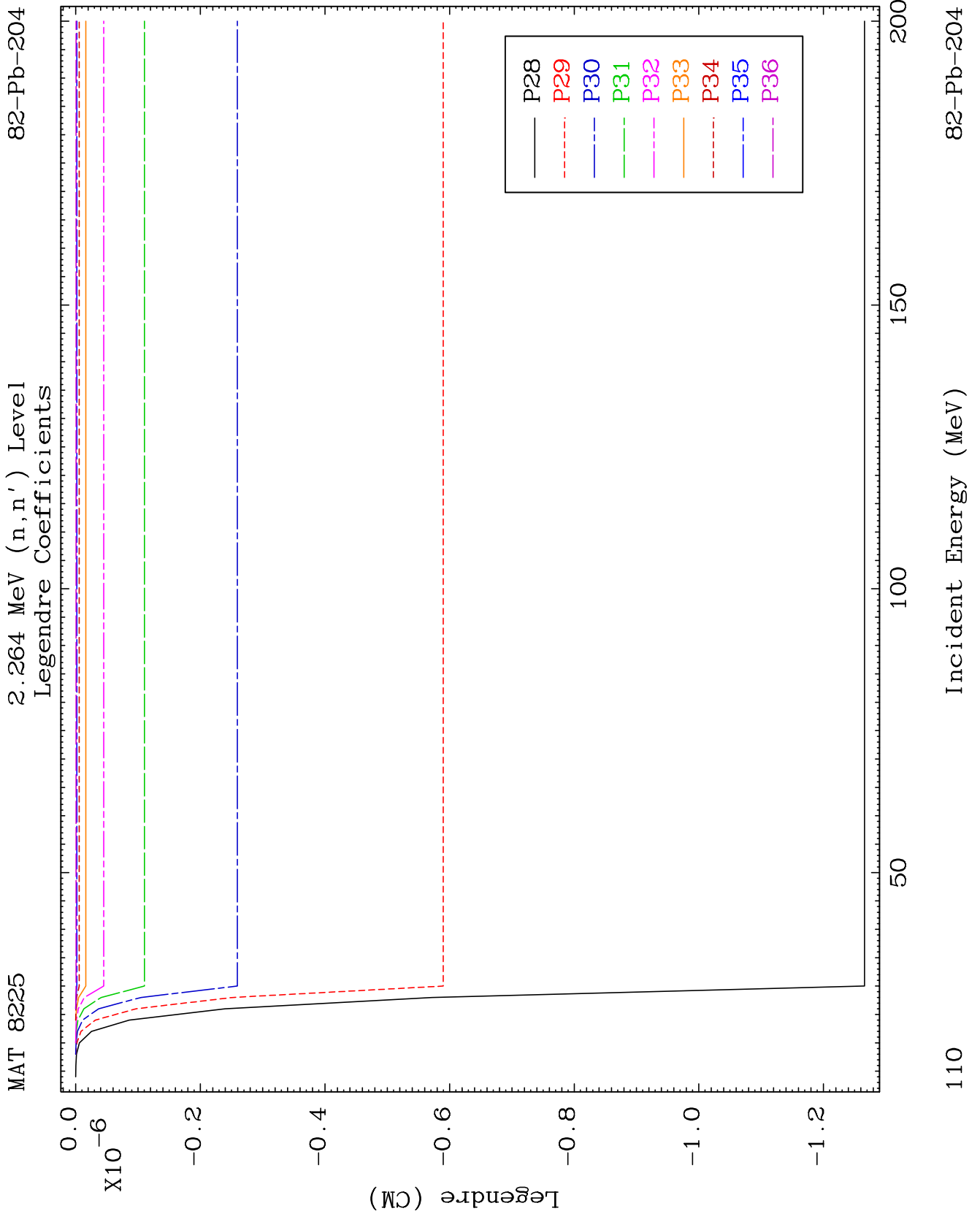


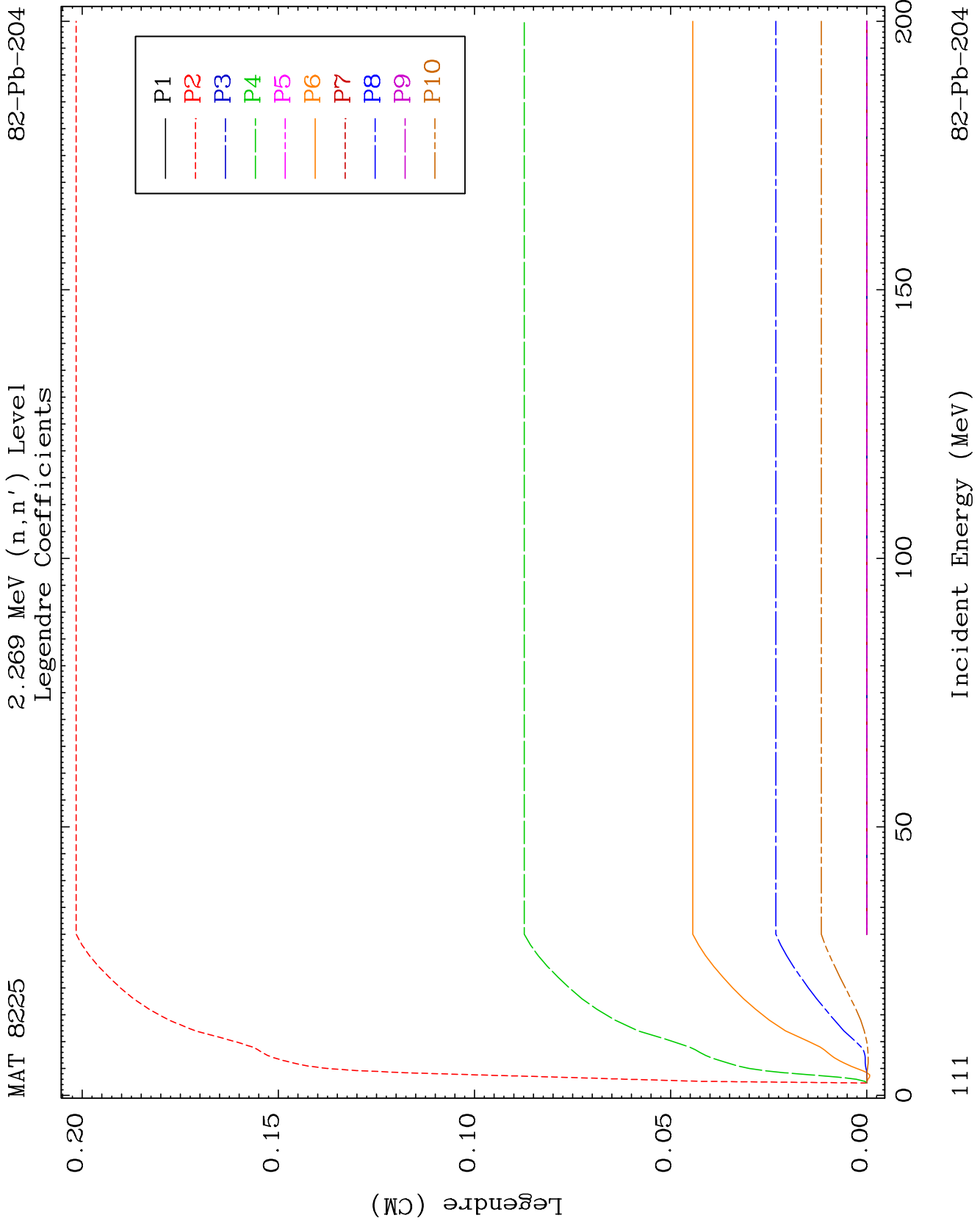
108

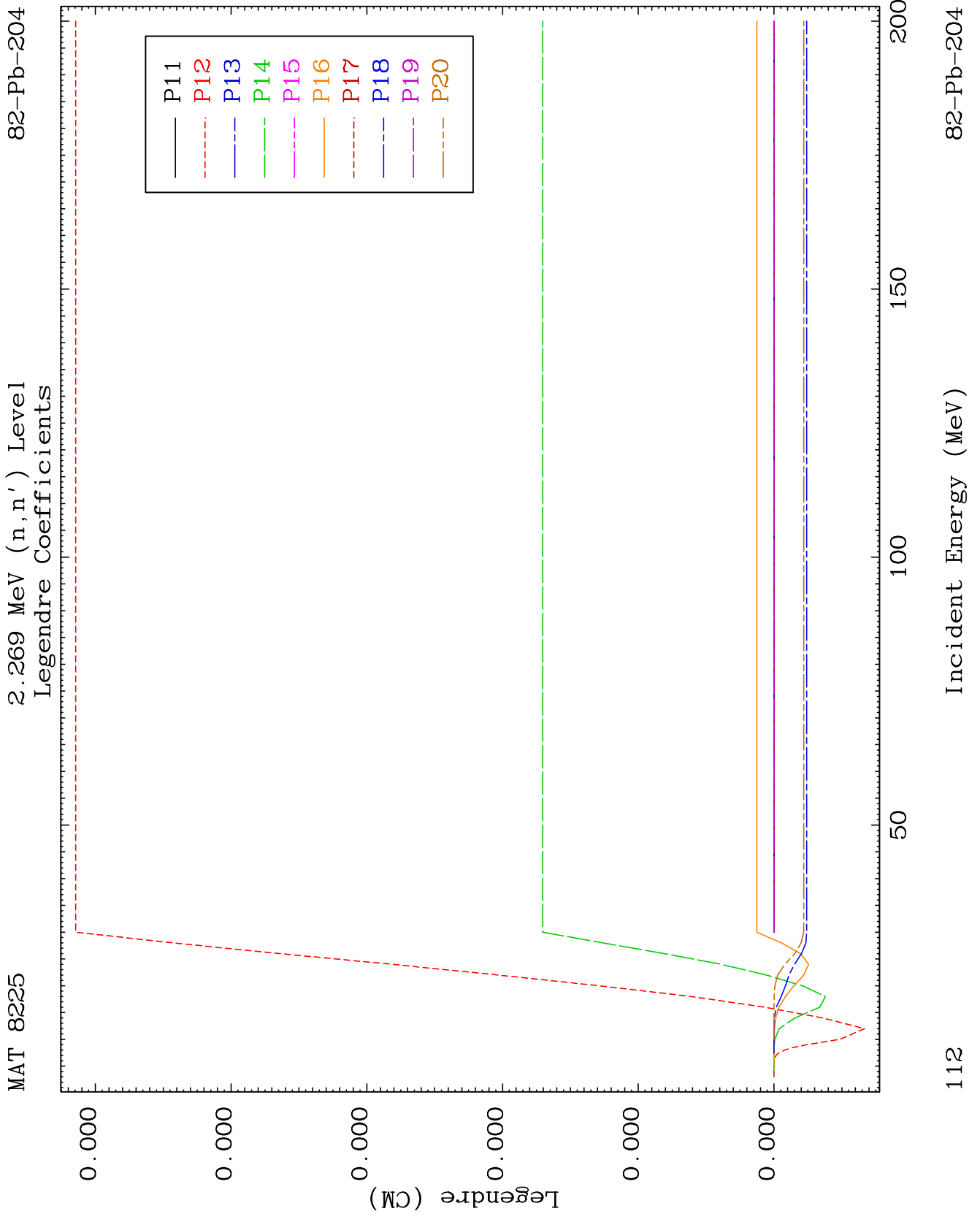
Incident Energy (MeV)

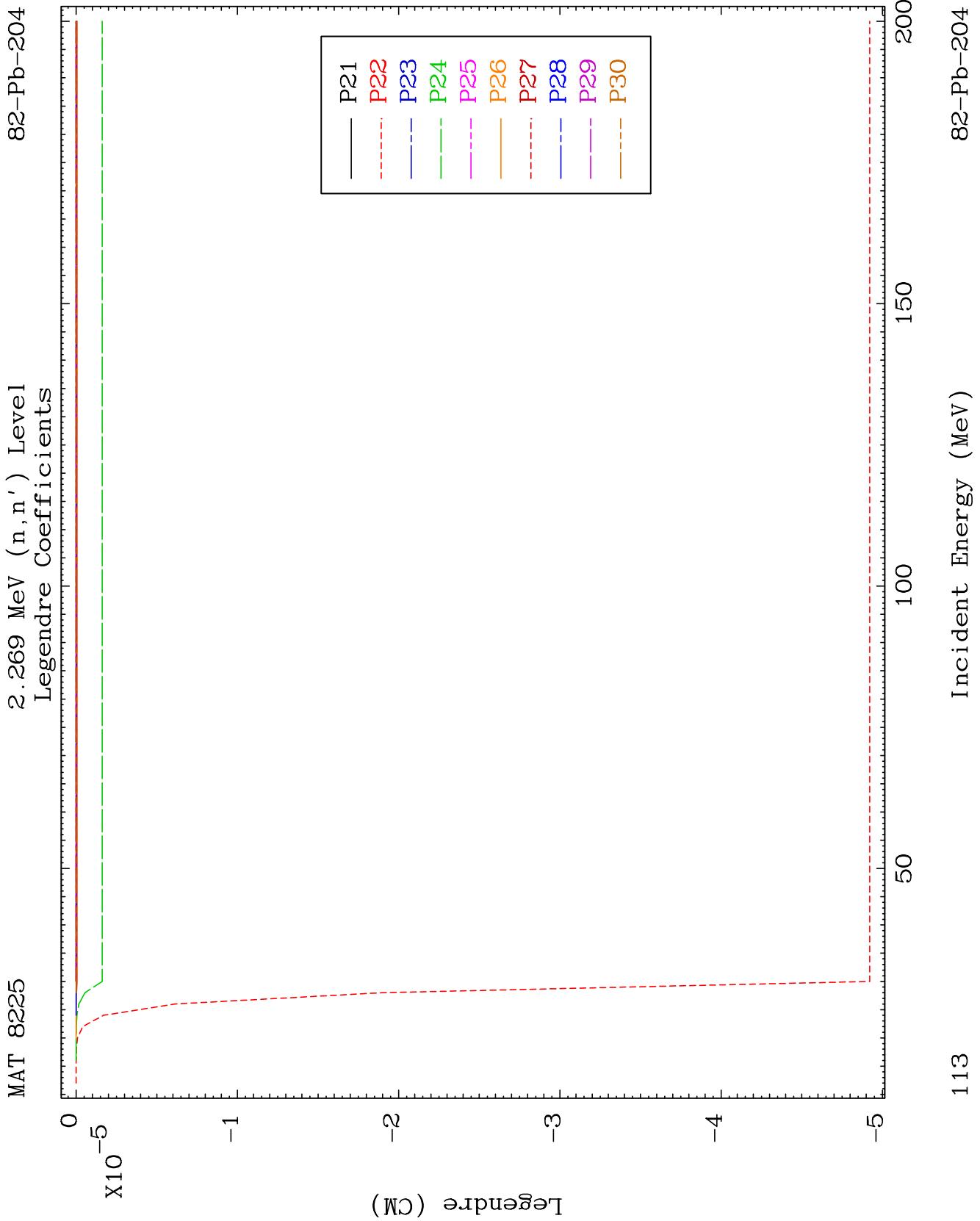
82-Pb-204

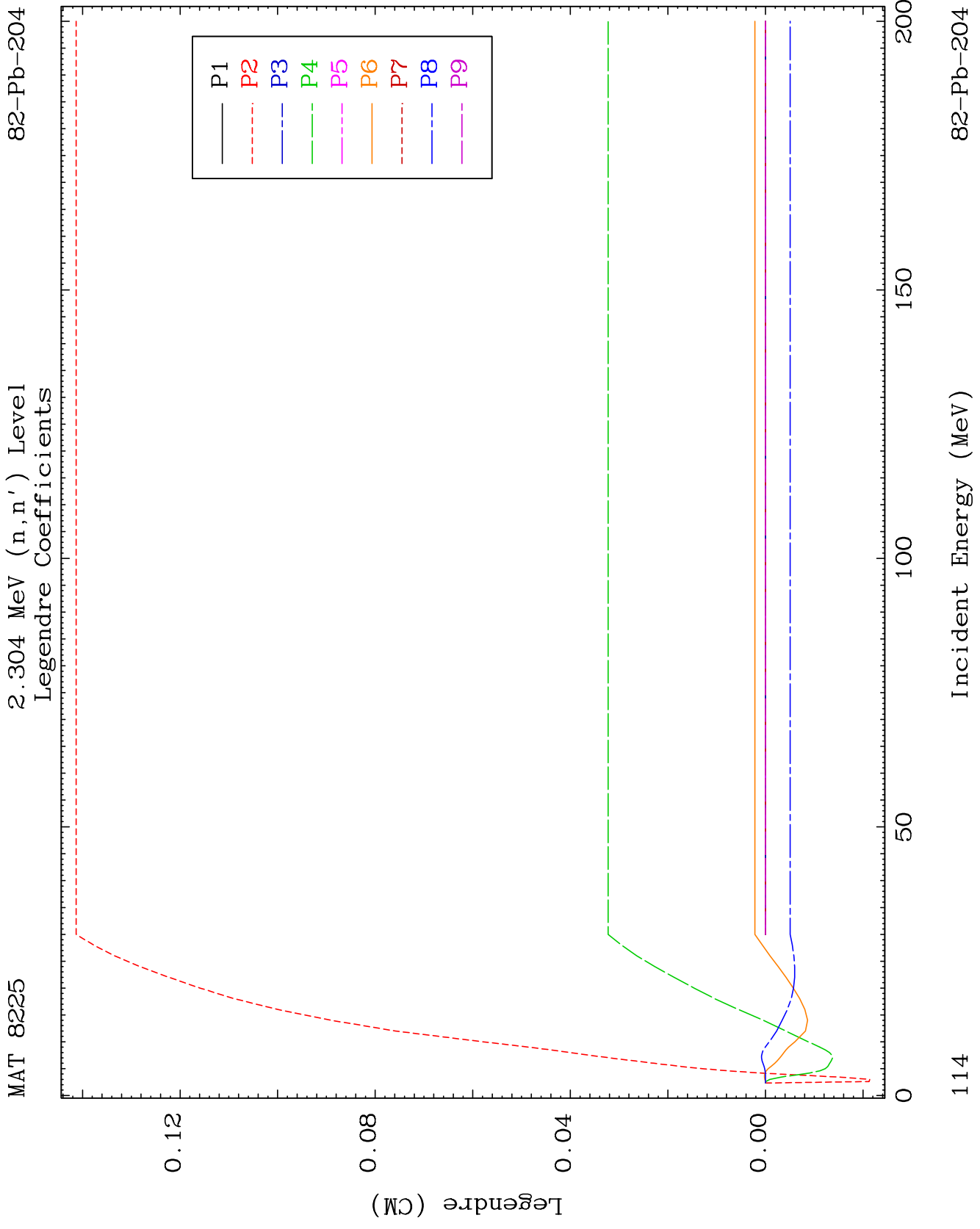


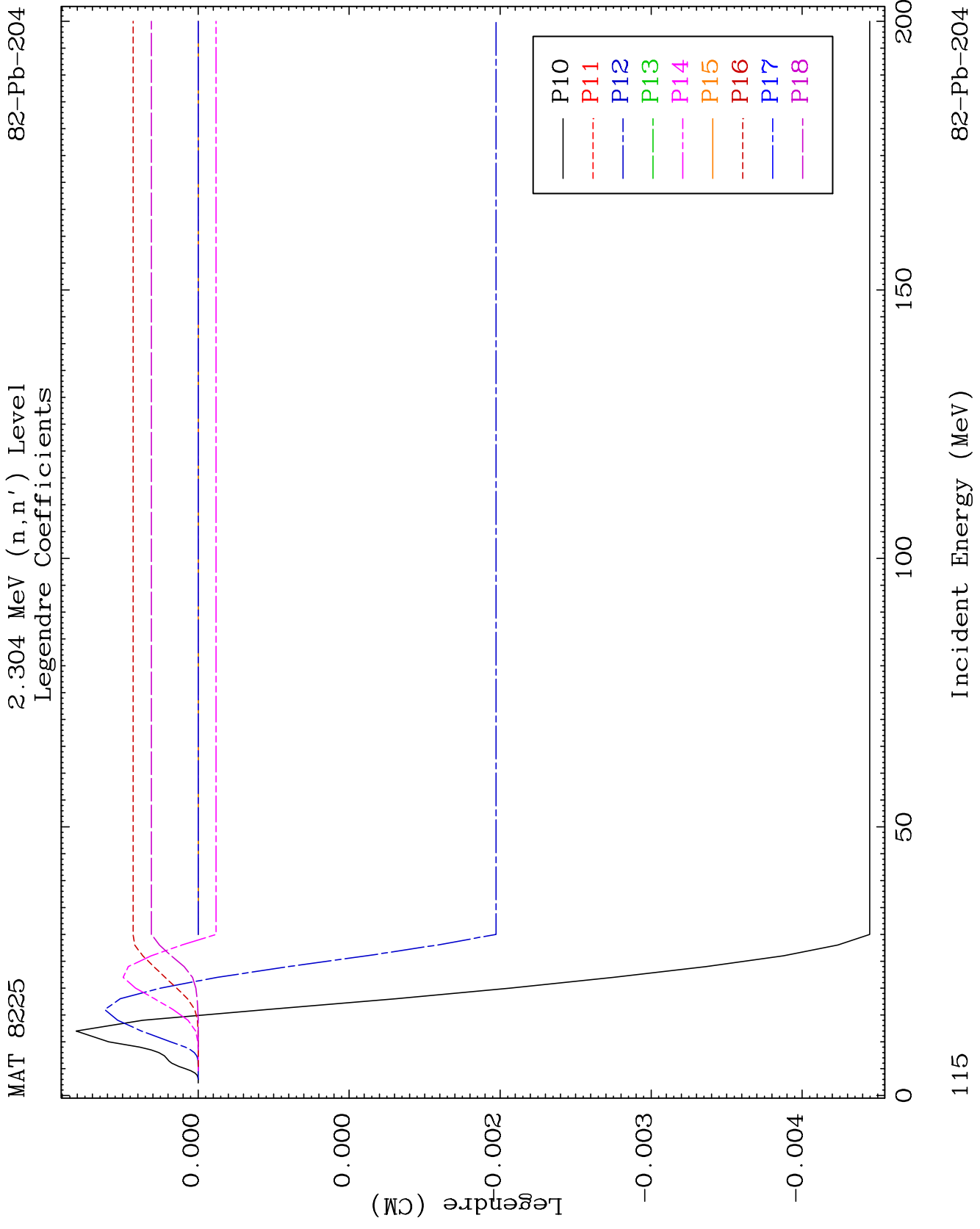


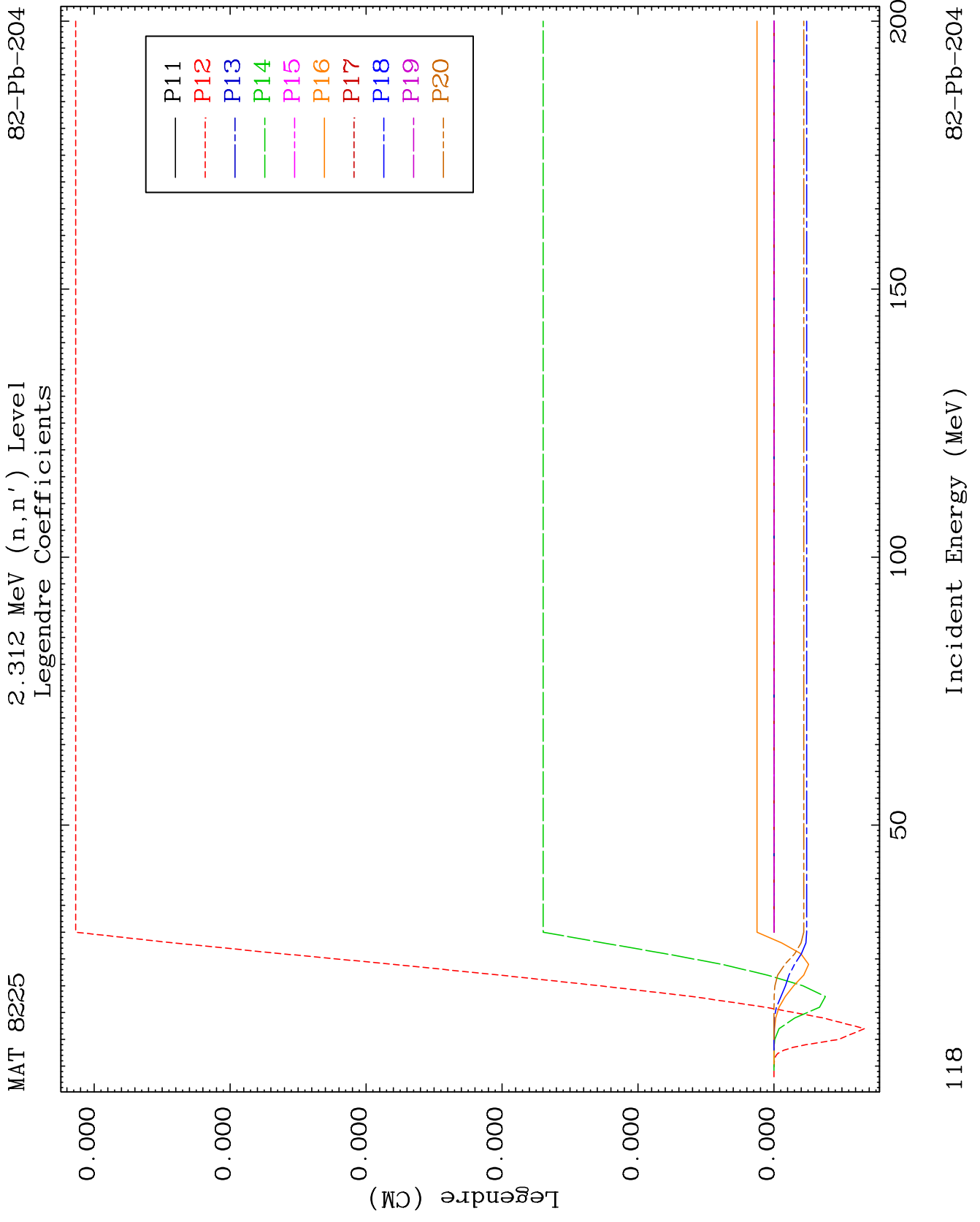


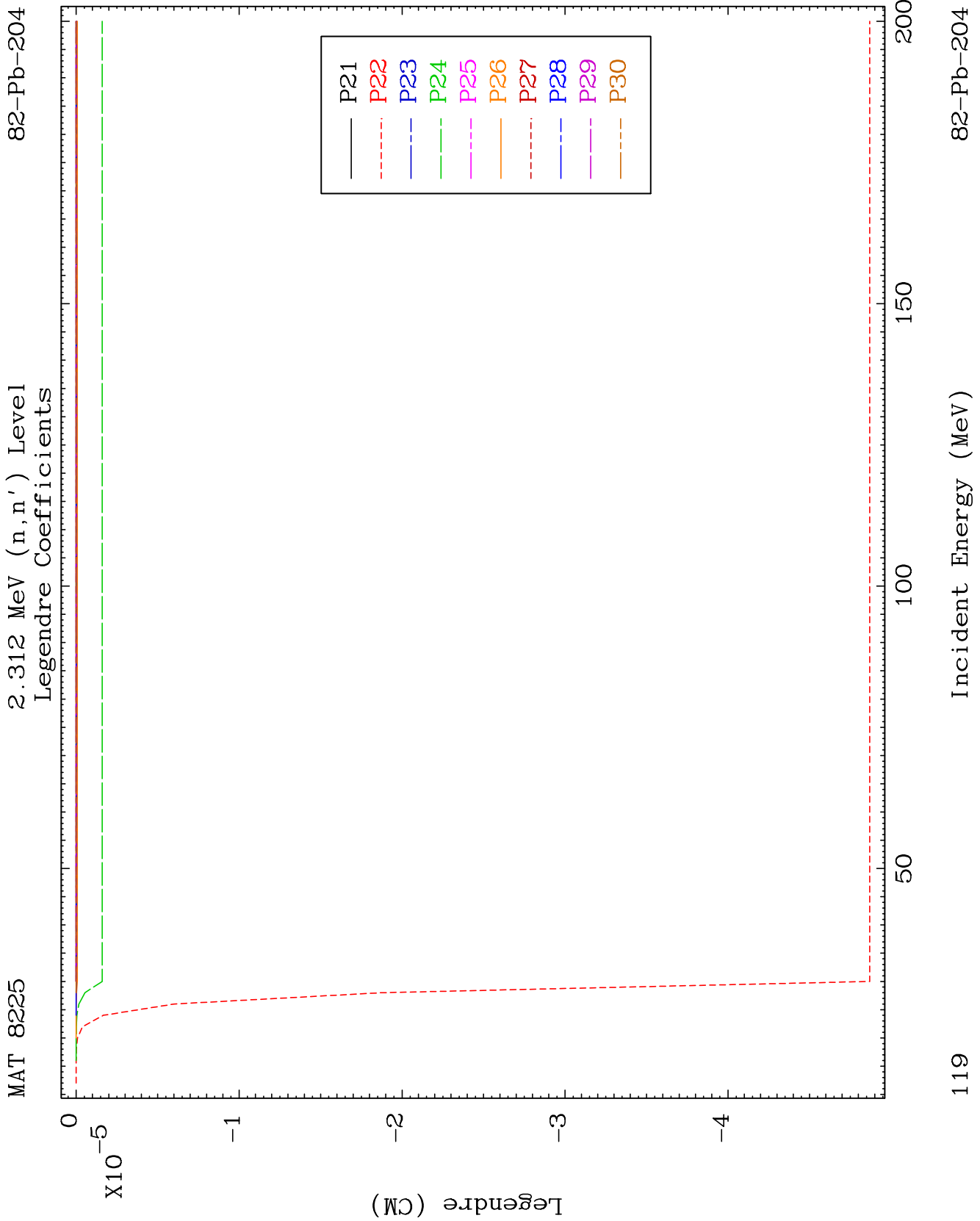








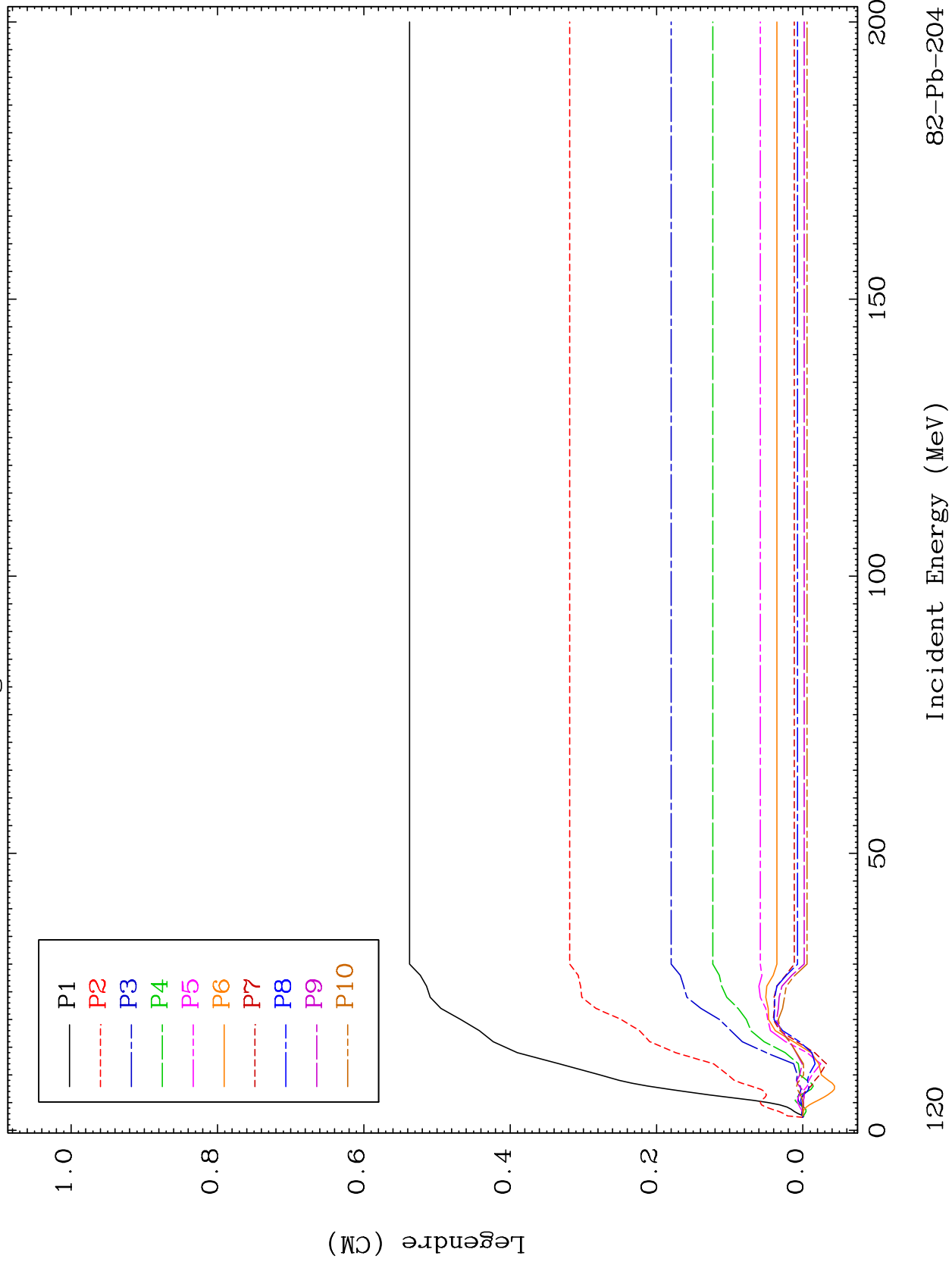




MAT 8225

2.316 MeV (n,n') Level
Legendre Coefficients

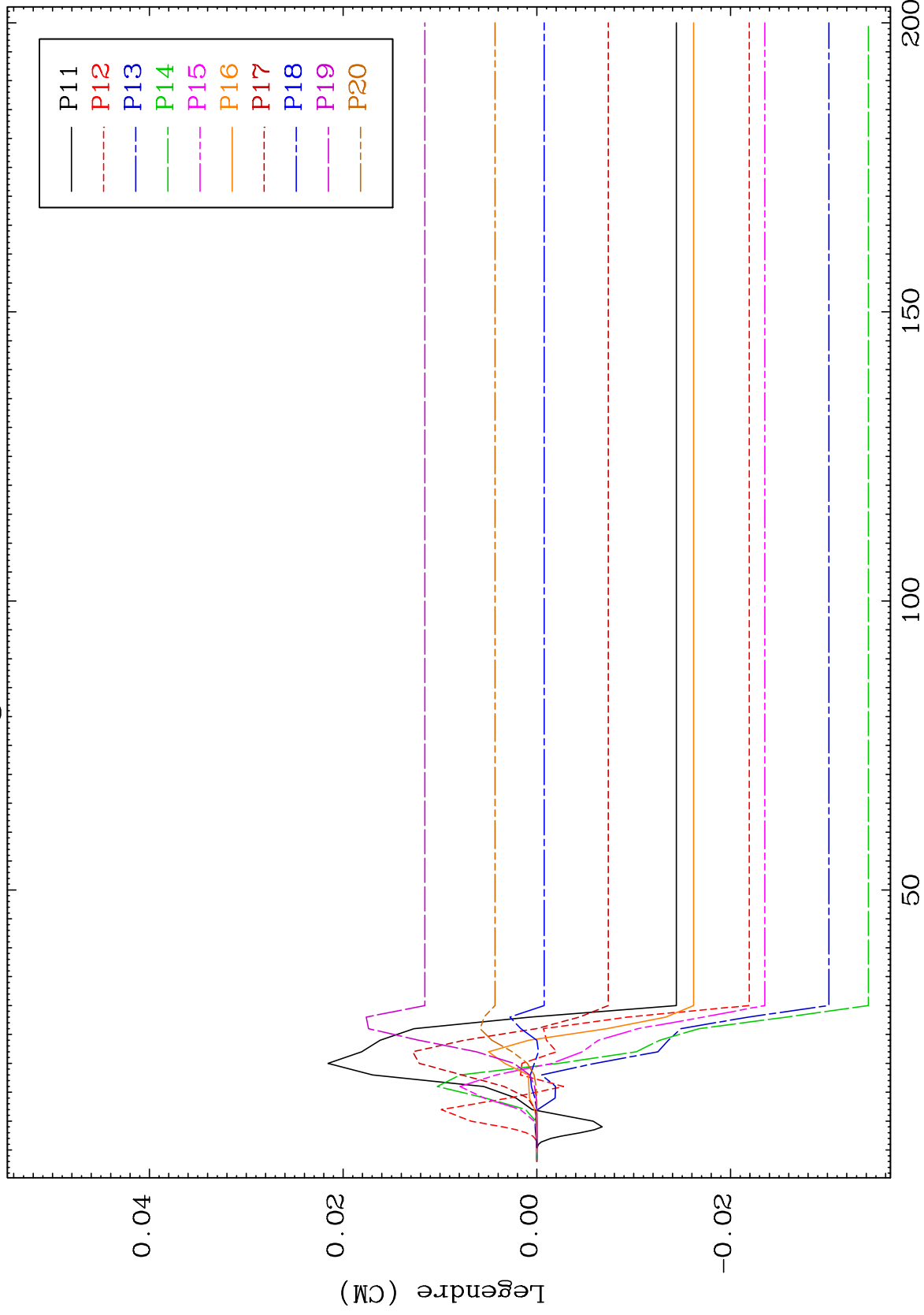
82-Pb-204



MAT 8225

2.316 MeV (n,n') Level
Legendre Coefficients

82-Pb-204



121

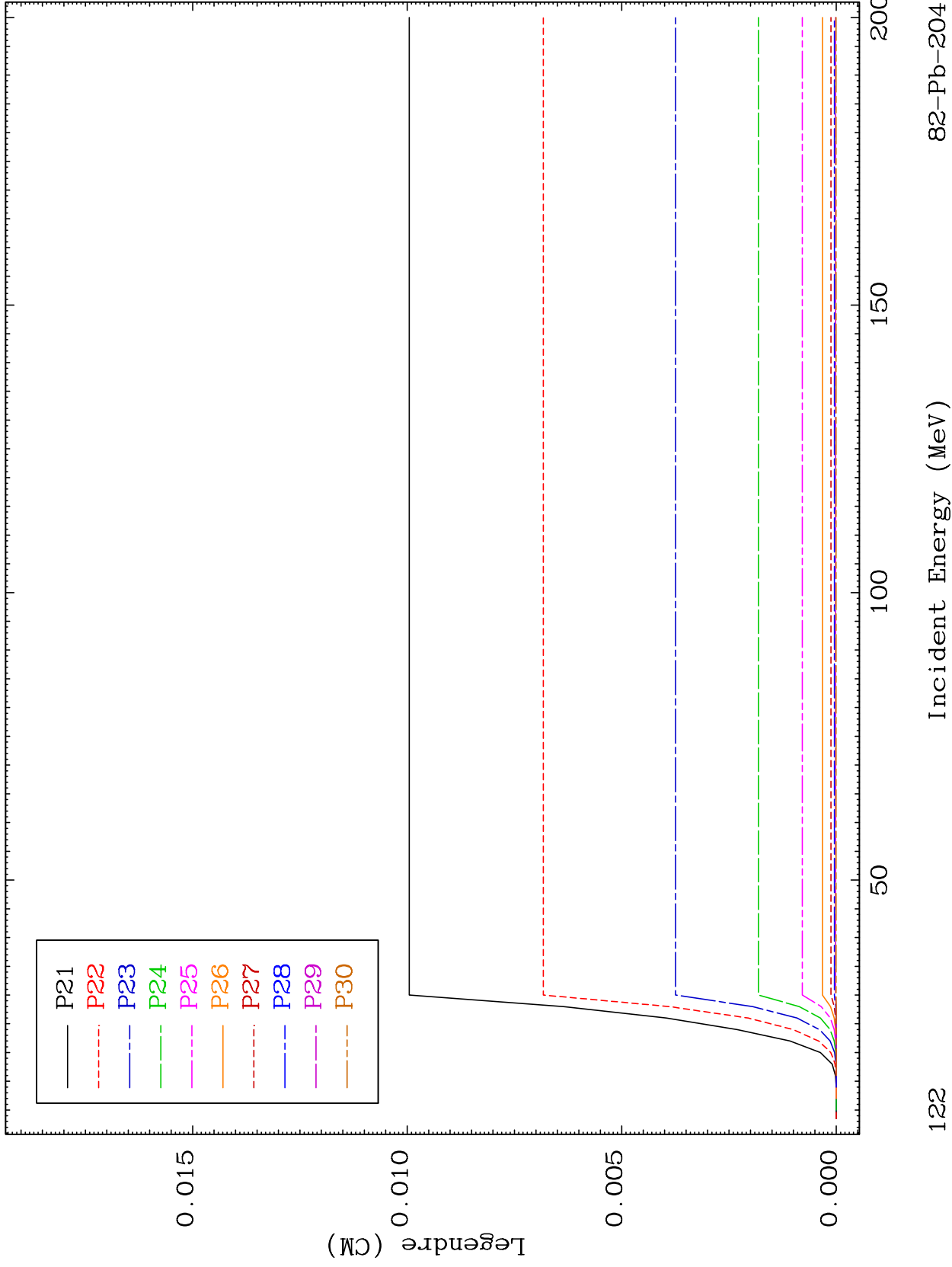
Incident Energy (MeV)

82-Pb-204

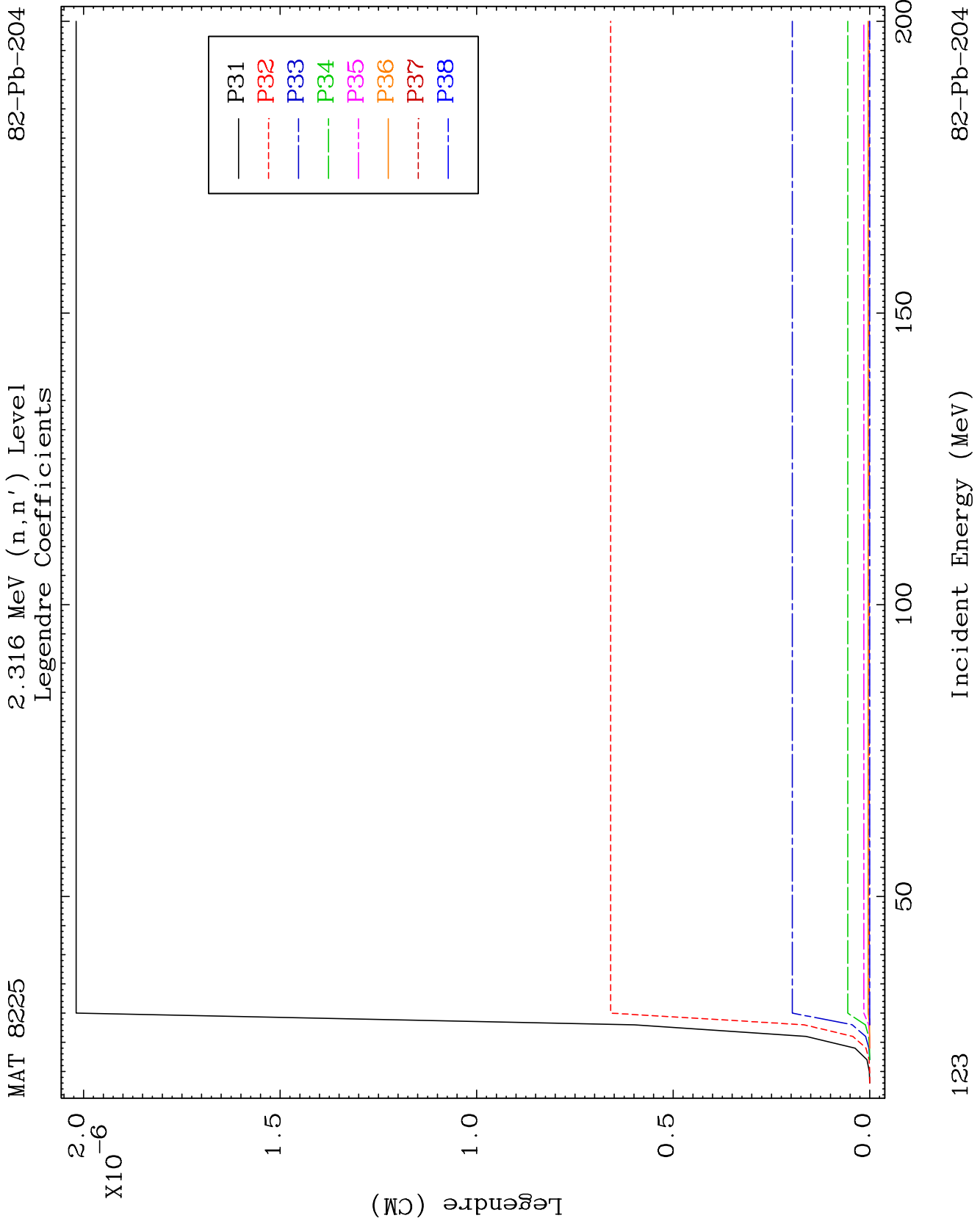
MAT 8225

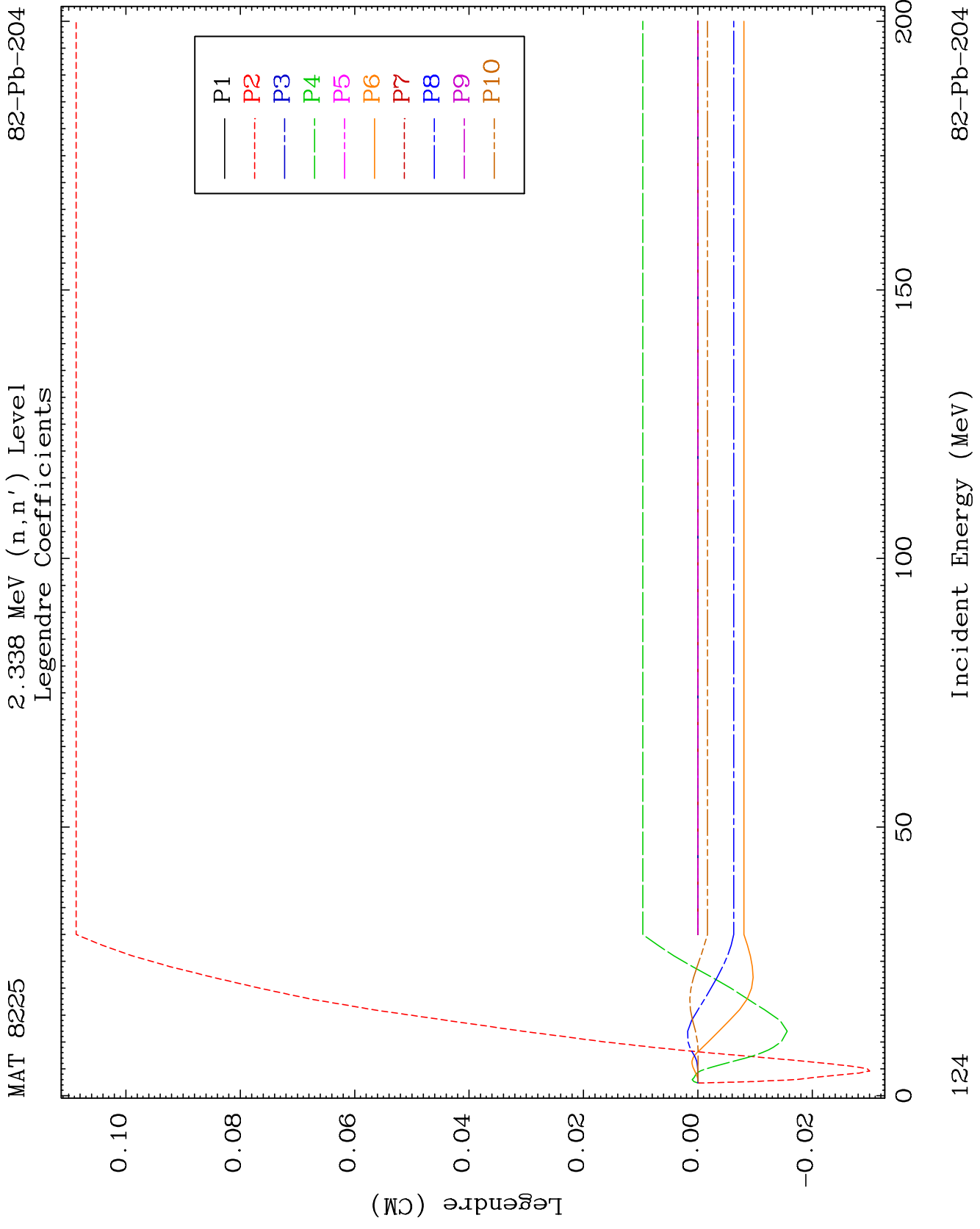
2.316 MeV (n,n') Level
Legendre Coefficients

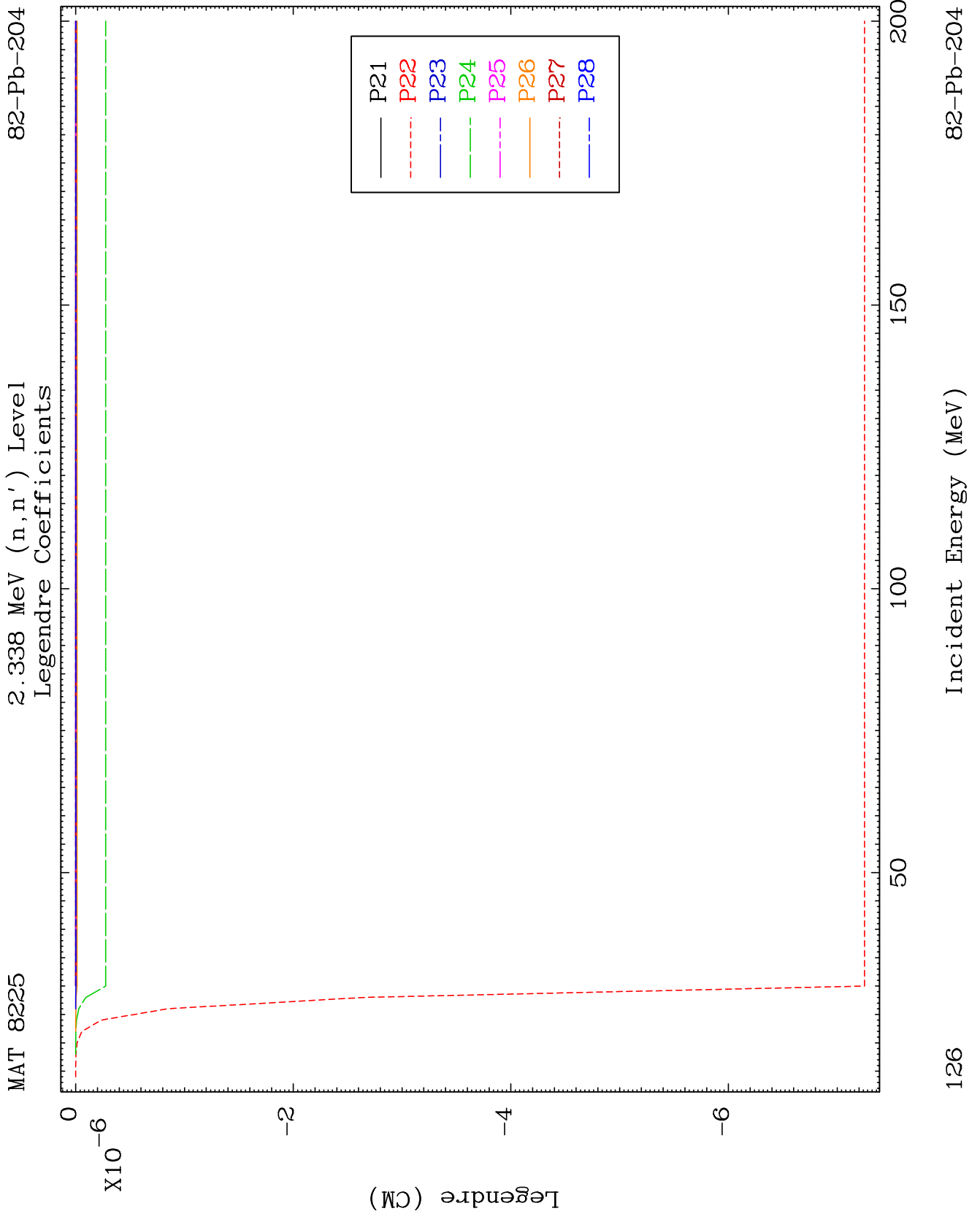
82-Pb-204



122



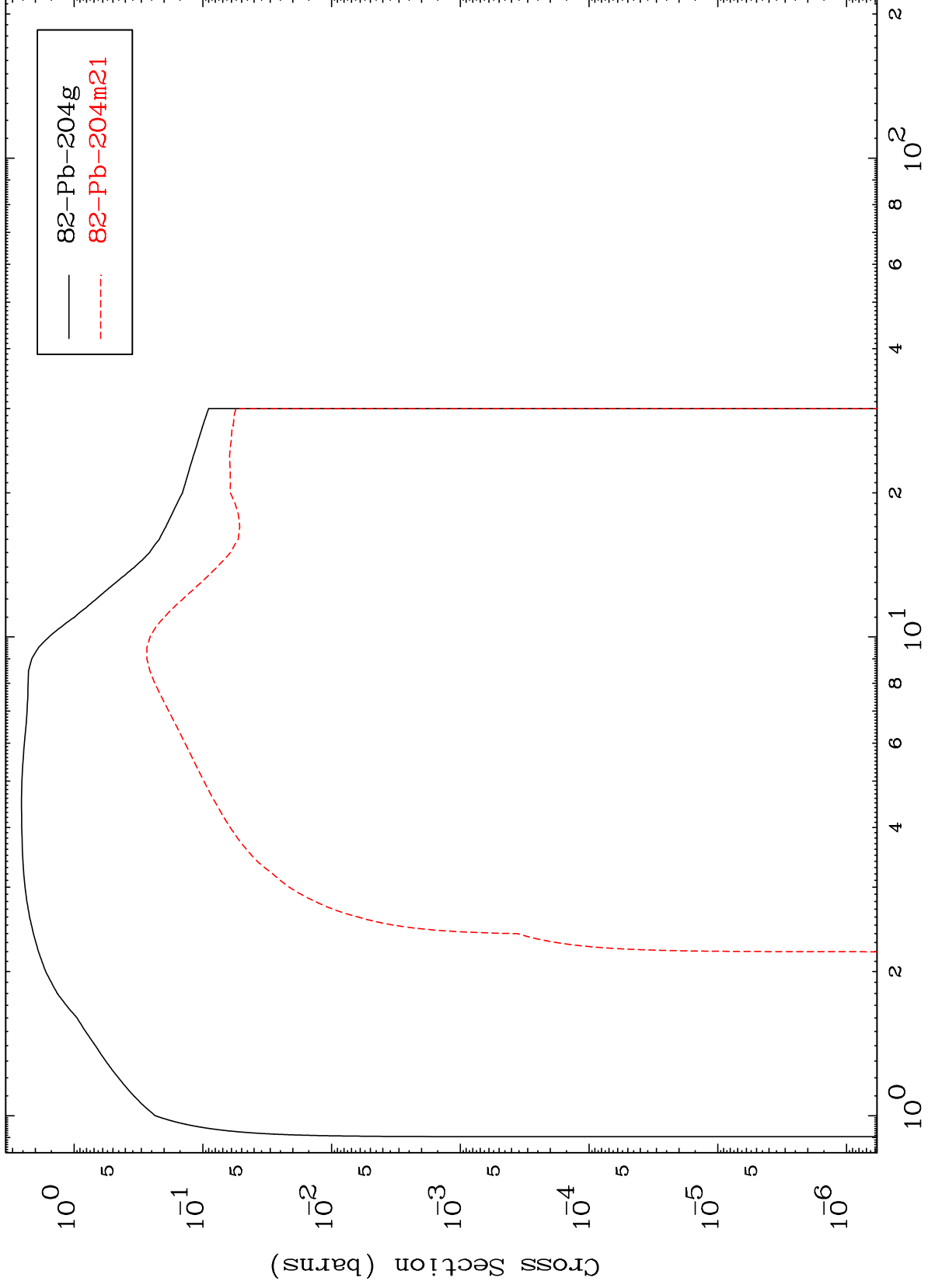




MAT 8225

Inelastic
Radionuclide Production Cross Section

82-Pb-204



127

Incident Energy (MeV)

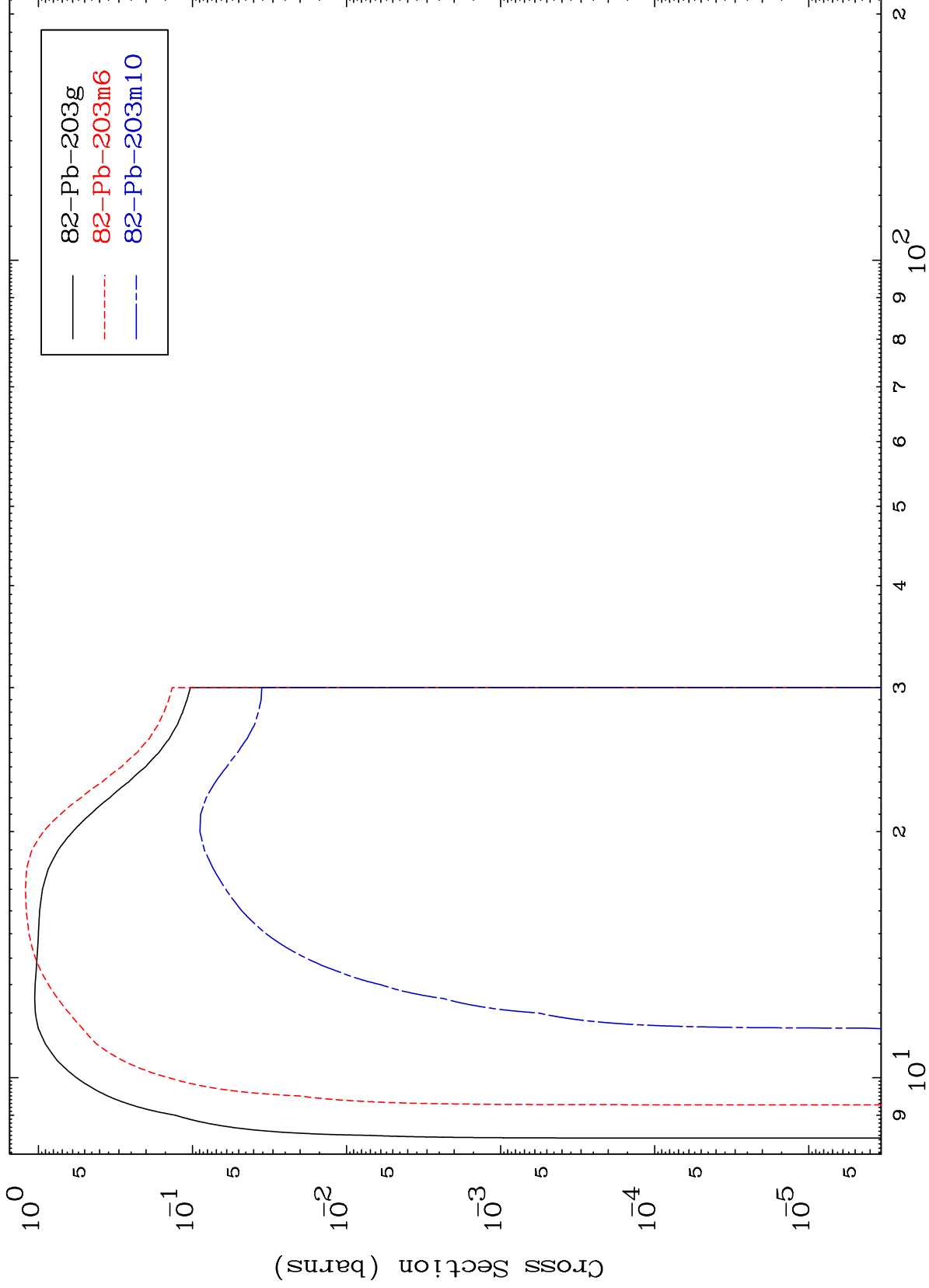
82-Pb-204

MAT 8225

(n,2n)

82-Pb-204

Radionuclide Production Cross Section

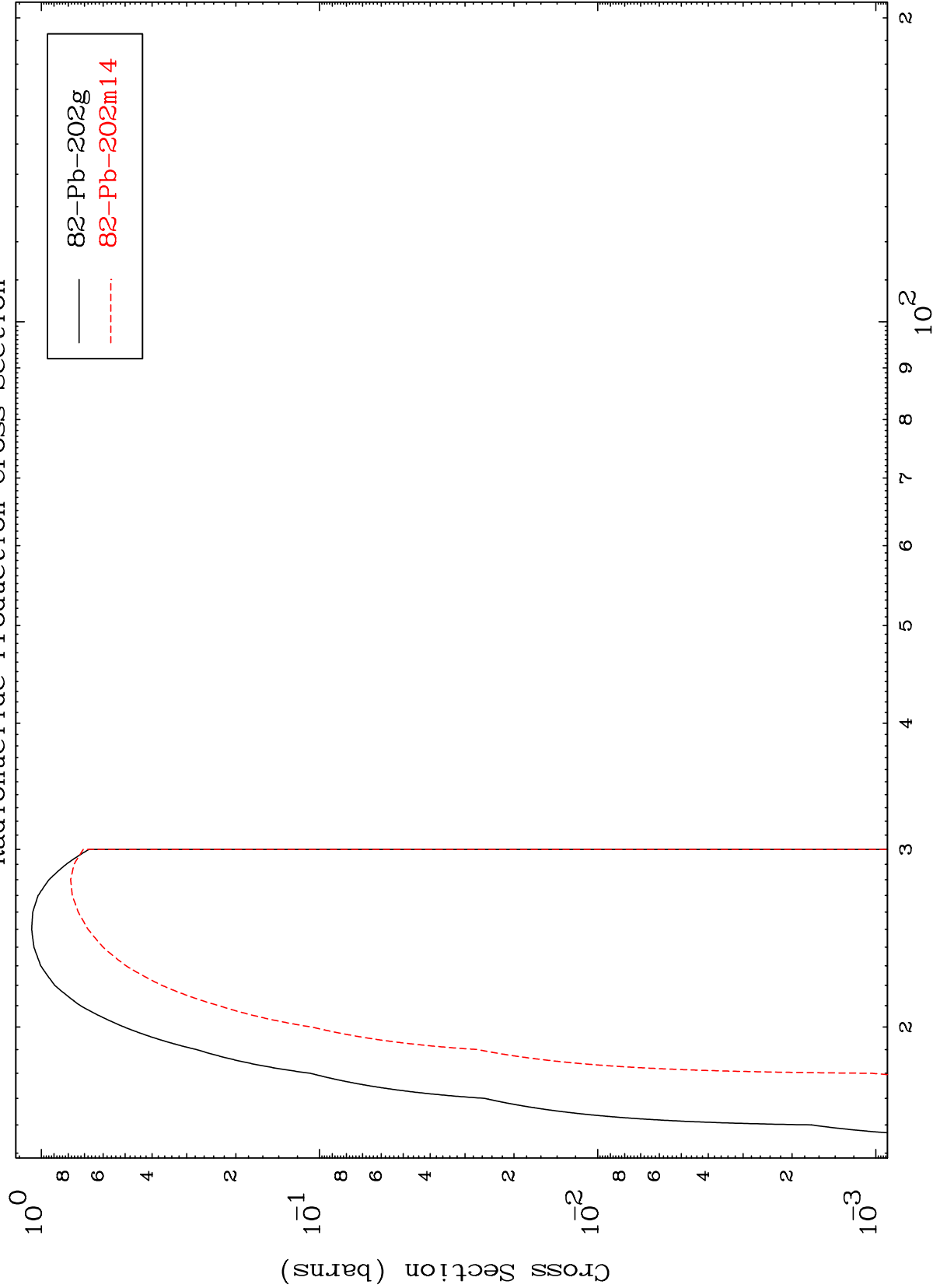


128

Incident Energy (MeV)

82-Pb-204

Radionuclide Production Cross Section

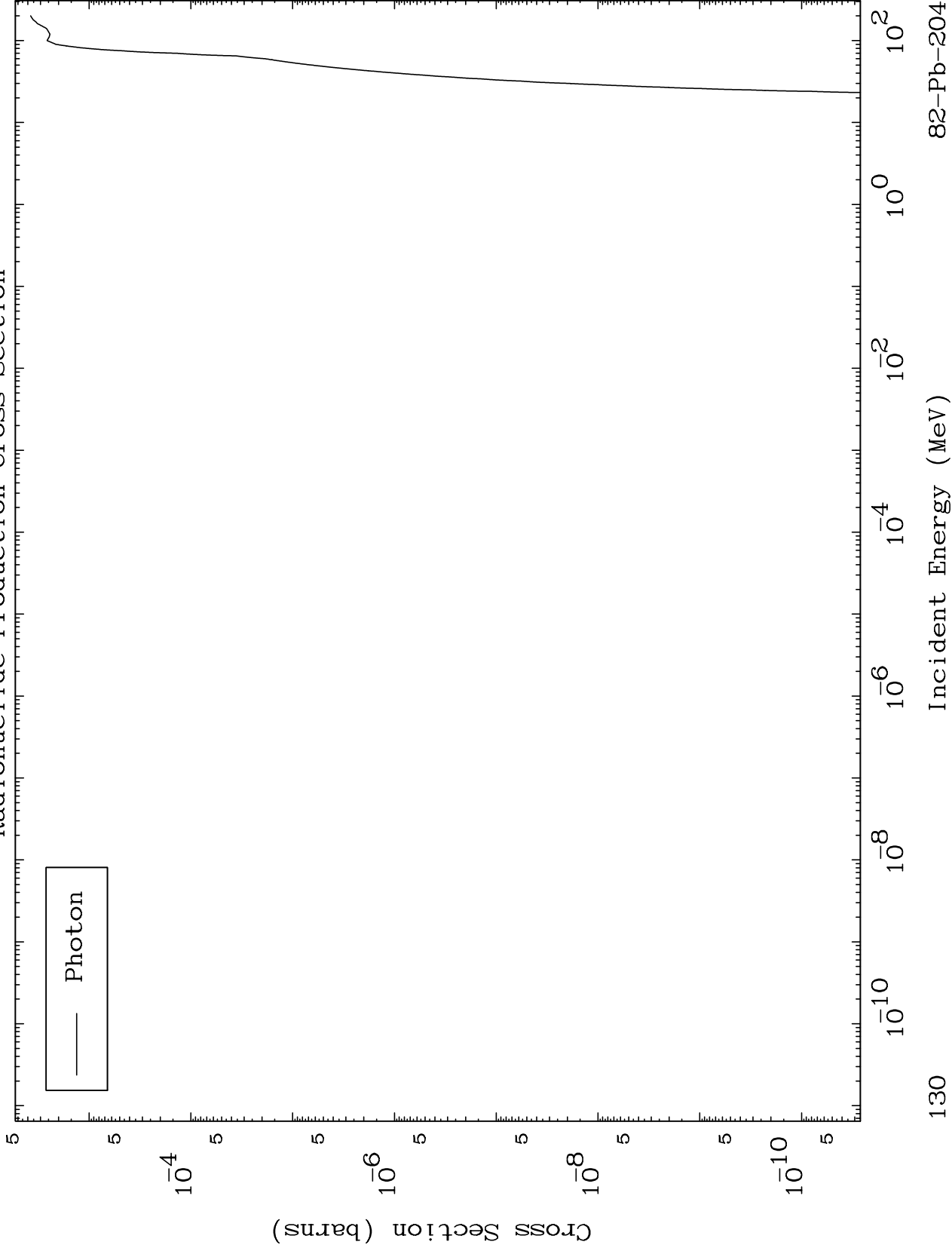


MAT 8225

Fission

82-Pb-204

Radionuclide Production Cross Section

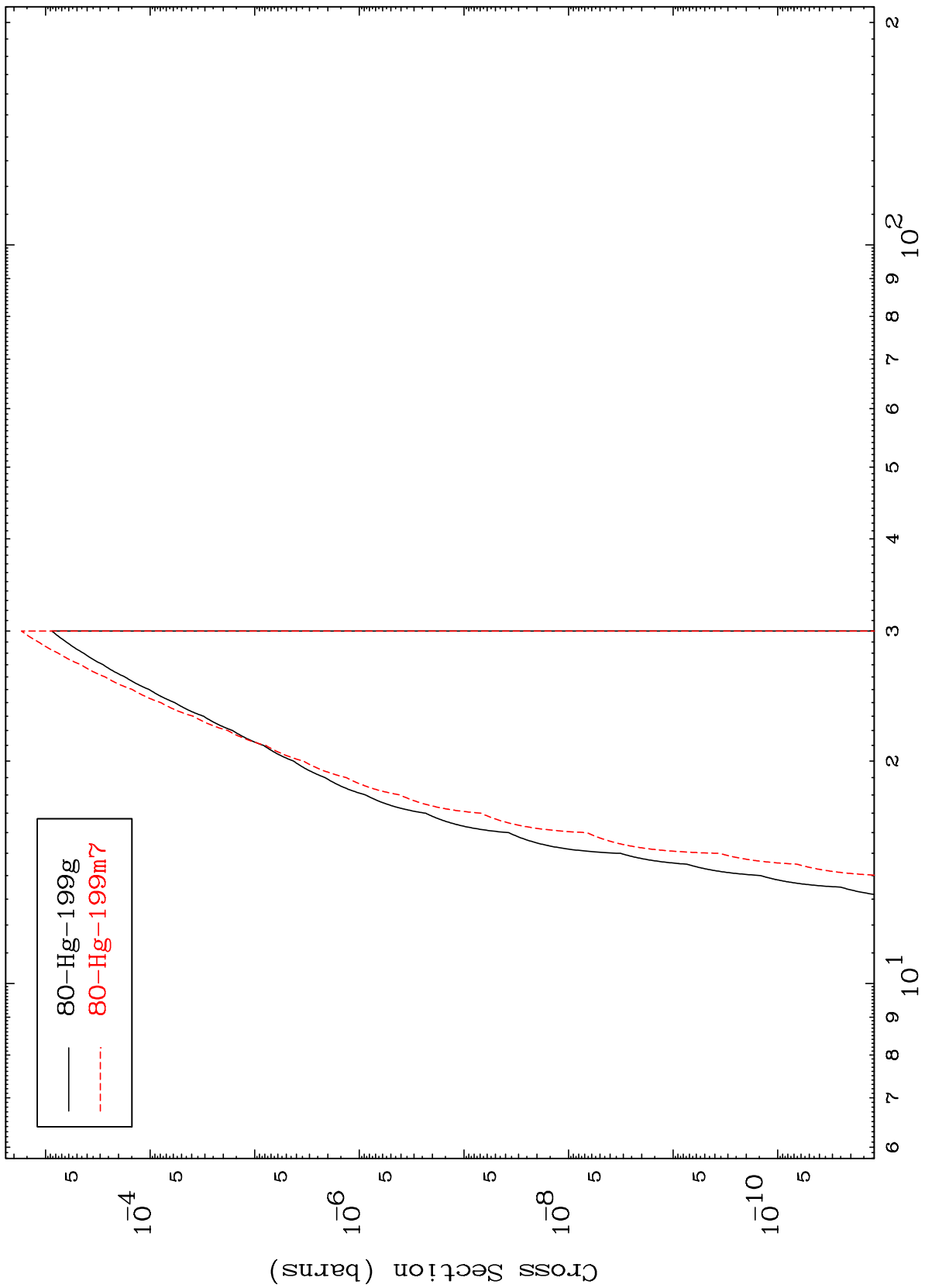


MAT 8225

(n,2n) α

82-Pb-204

Radionuclide Production Cross Section



131

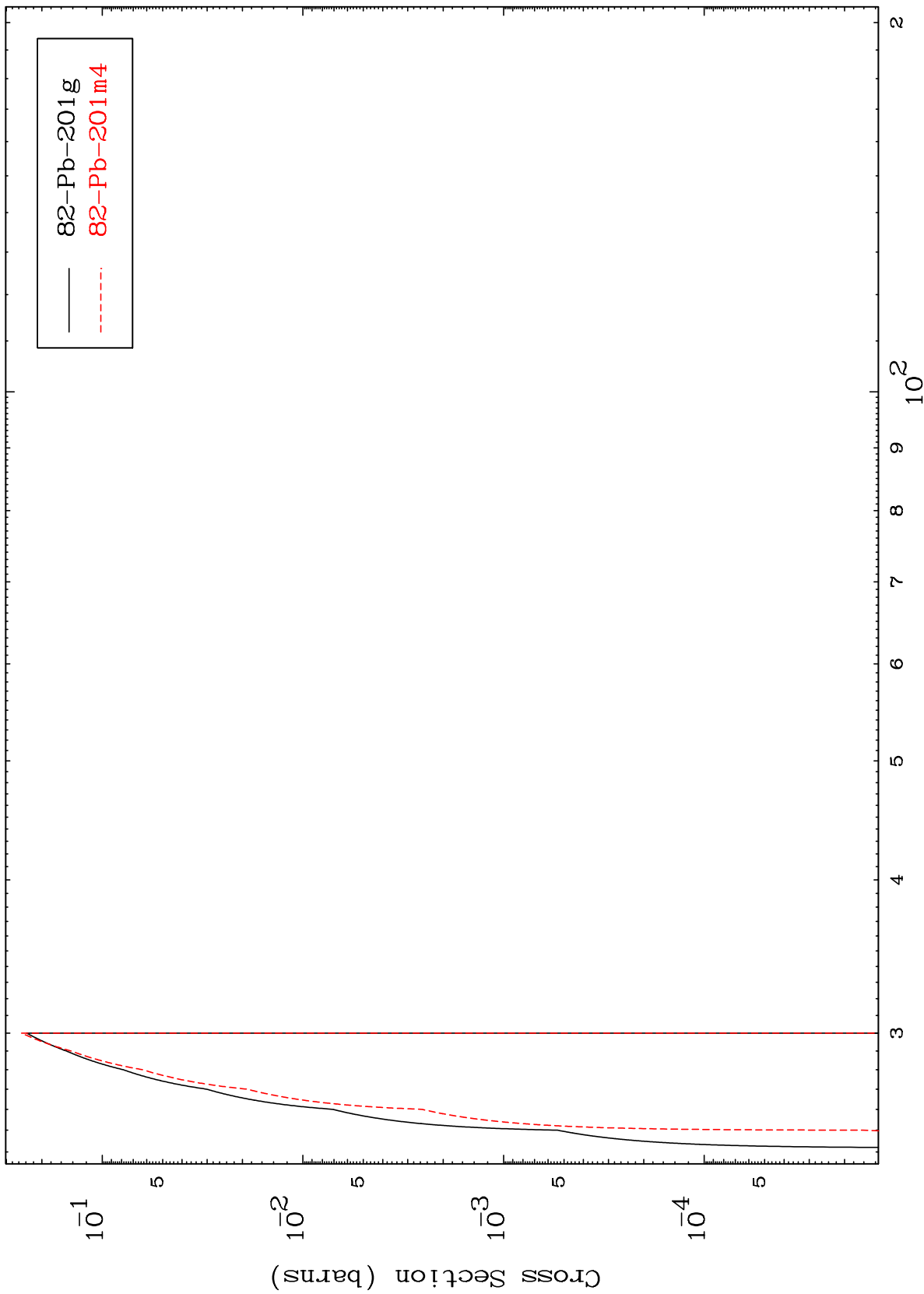
Incident Energy (MeV)

82-Pb-204

MAT 8225

82-Pb-204

(n,4n)
Radionuclide Production Cross Section



132

82-Pb-204

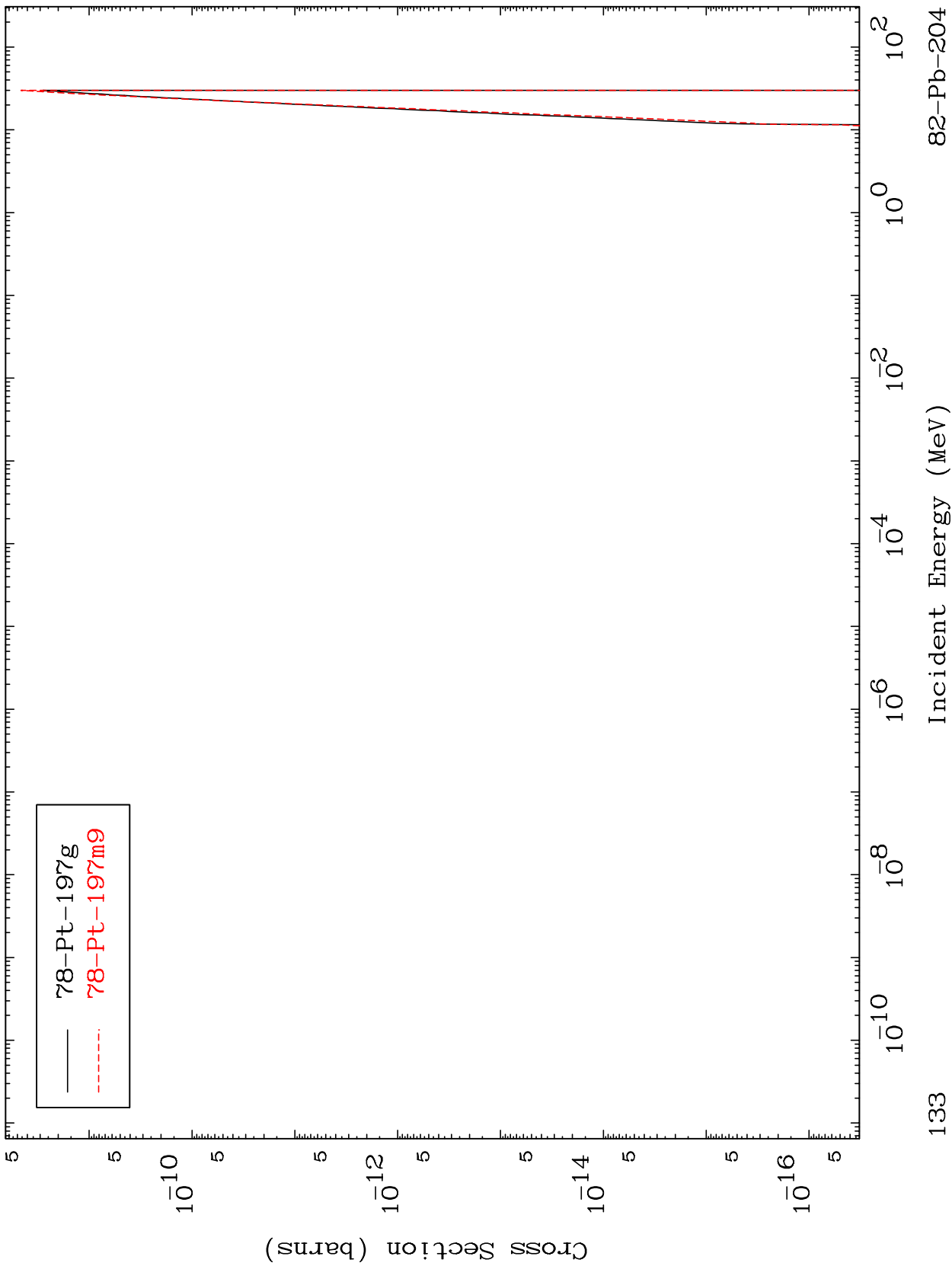
Incident Energy (MeV)

MAT 8225

(n,2α)

82-Pb-204

Radionuclide Production Cross Section



78-Pt-197g
78-Pt-197m9

MAT 8225

(n,p) α

82-Pb-204

Radionuclide Production Cross Section

