

Program EVALPLOT
(Version 2015-2)

by

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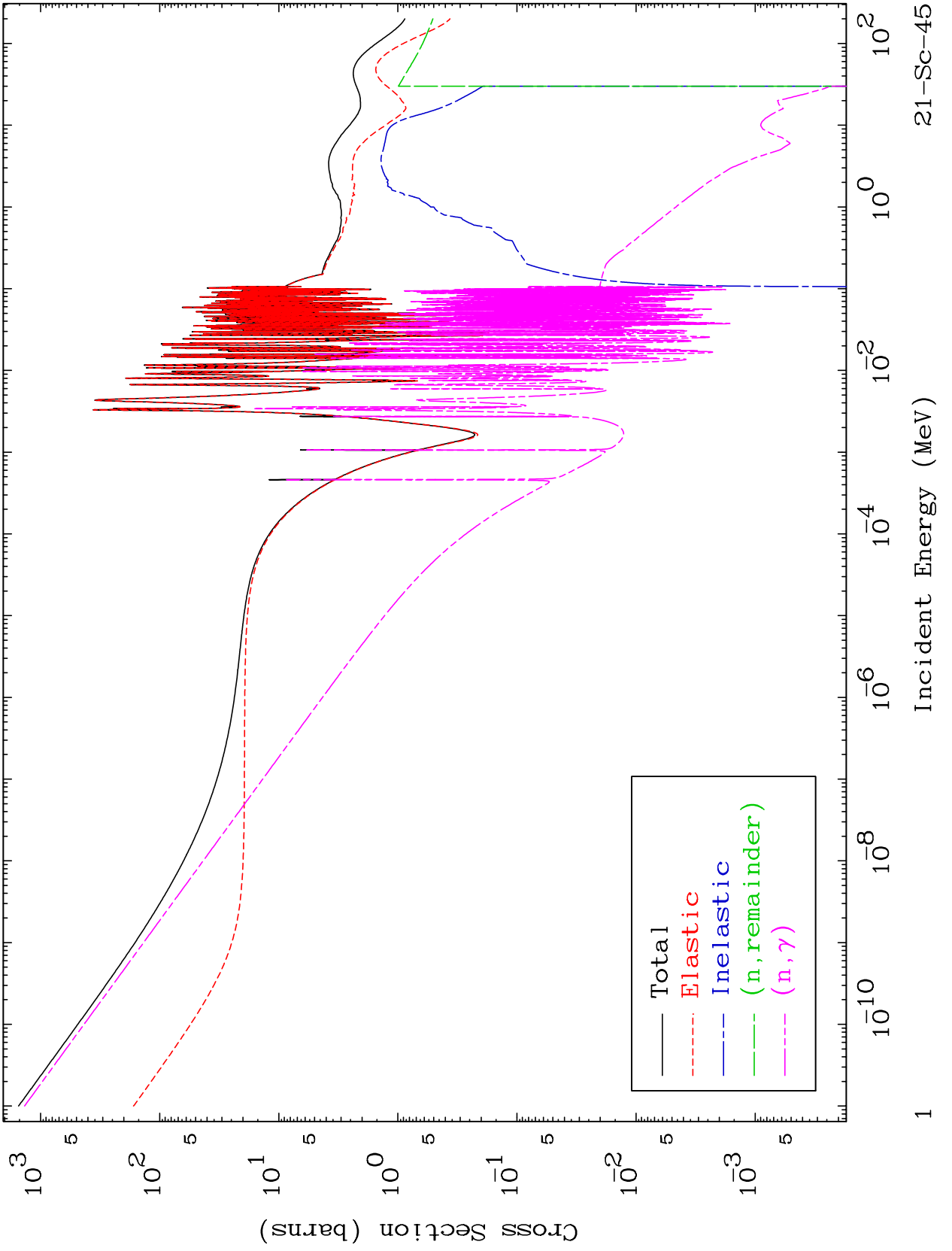
Press Mouse Button to Start

MAT 2125

Major

293 Kelvin Cross Sections

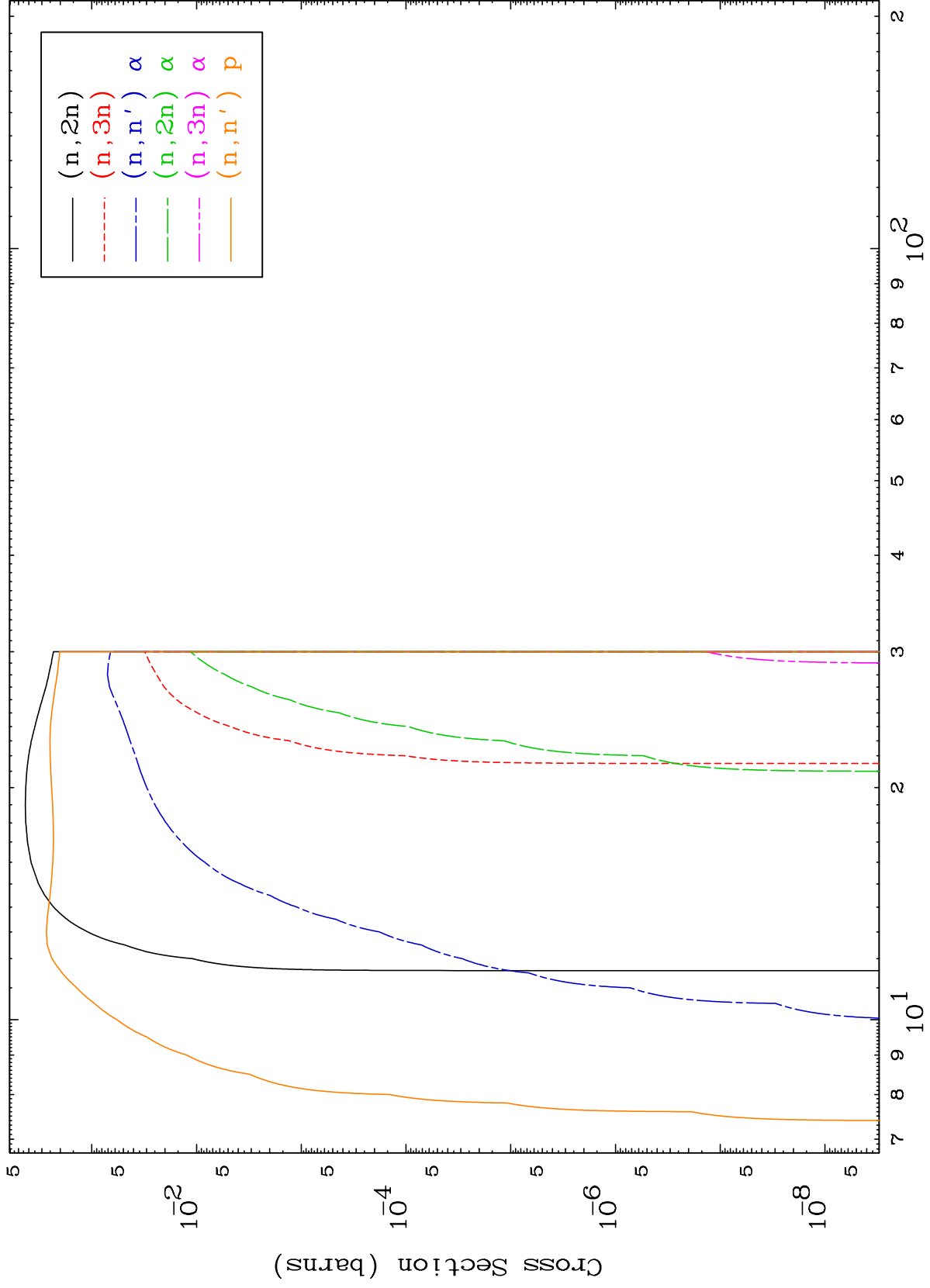
21-Sc-45



MAT 2125

Neutron Production
293 Kelvin Cross Sections

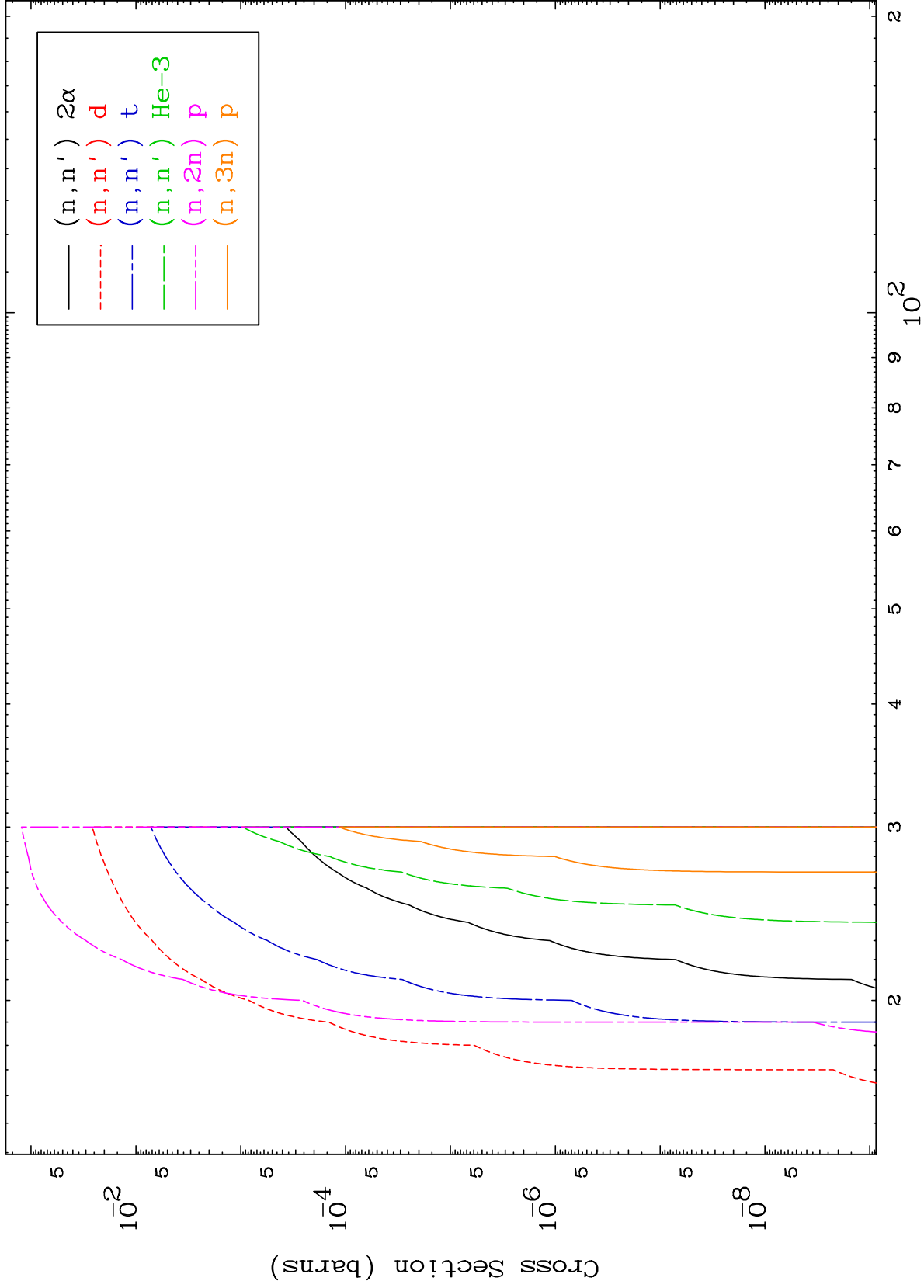
21-Sc-45



2

Incident Energy (MeV)

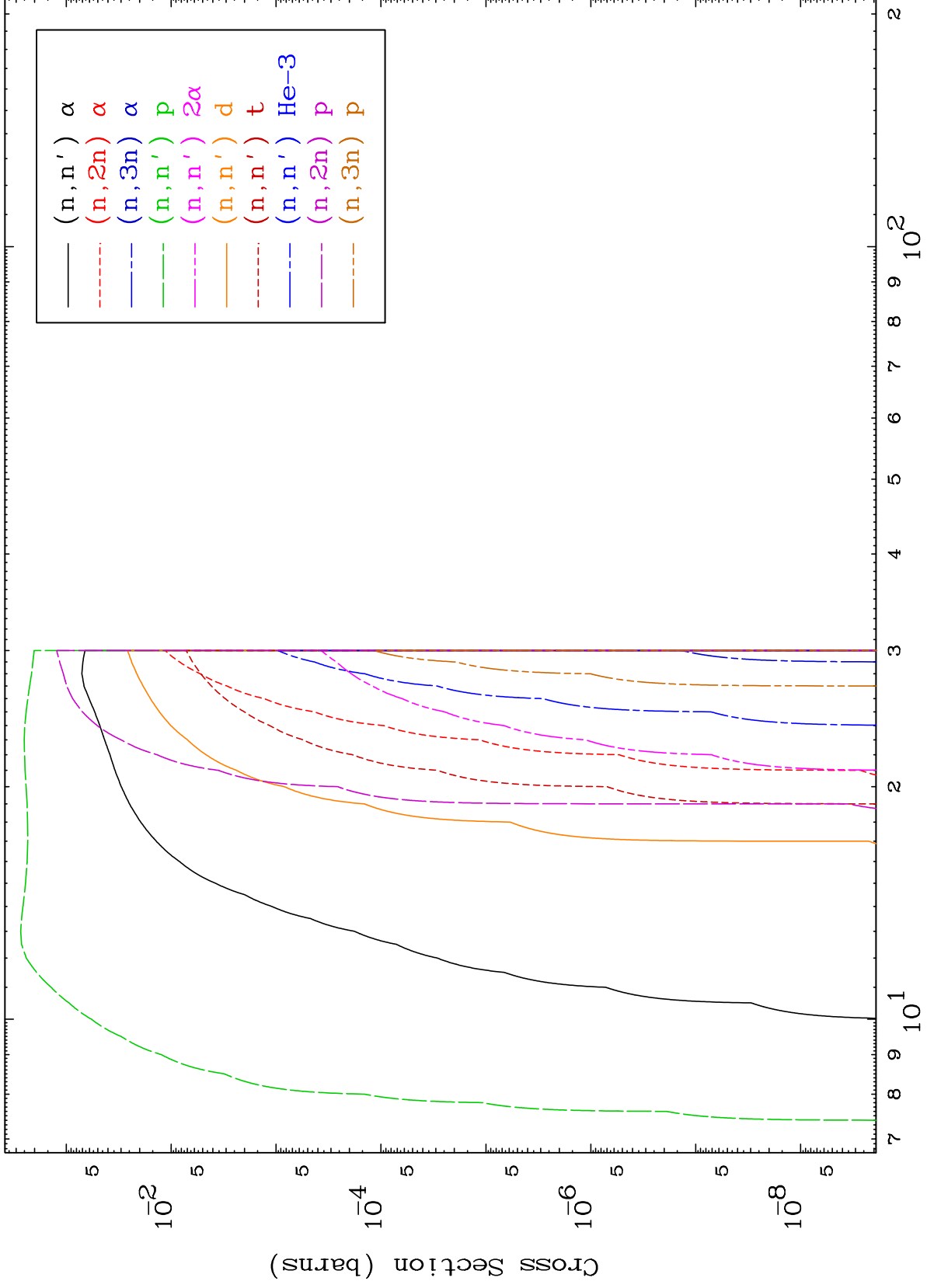
21-Sc-45



MAT 2125

Charged Particle
293 Kelvin Cross Sections

21-Sc-45



4

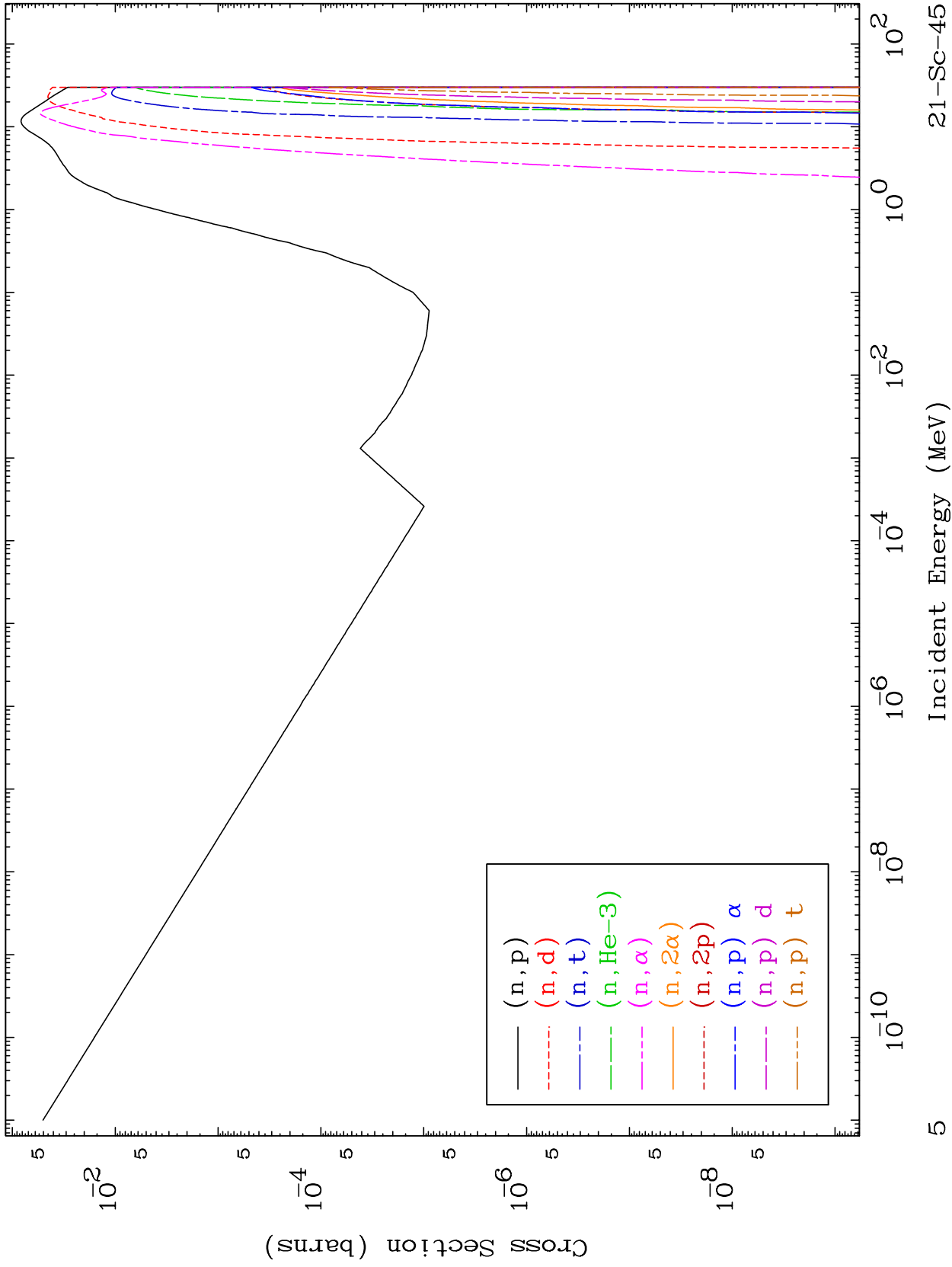
Incident Energy (MeV)

21-Sc-45

MAT 2125

Charged Particle
293 Kelvin Cross Sections

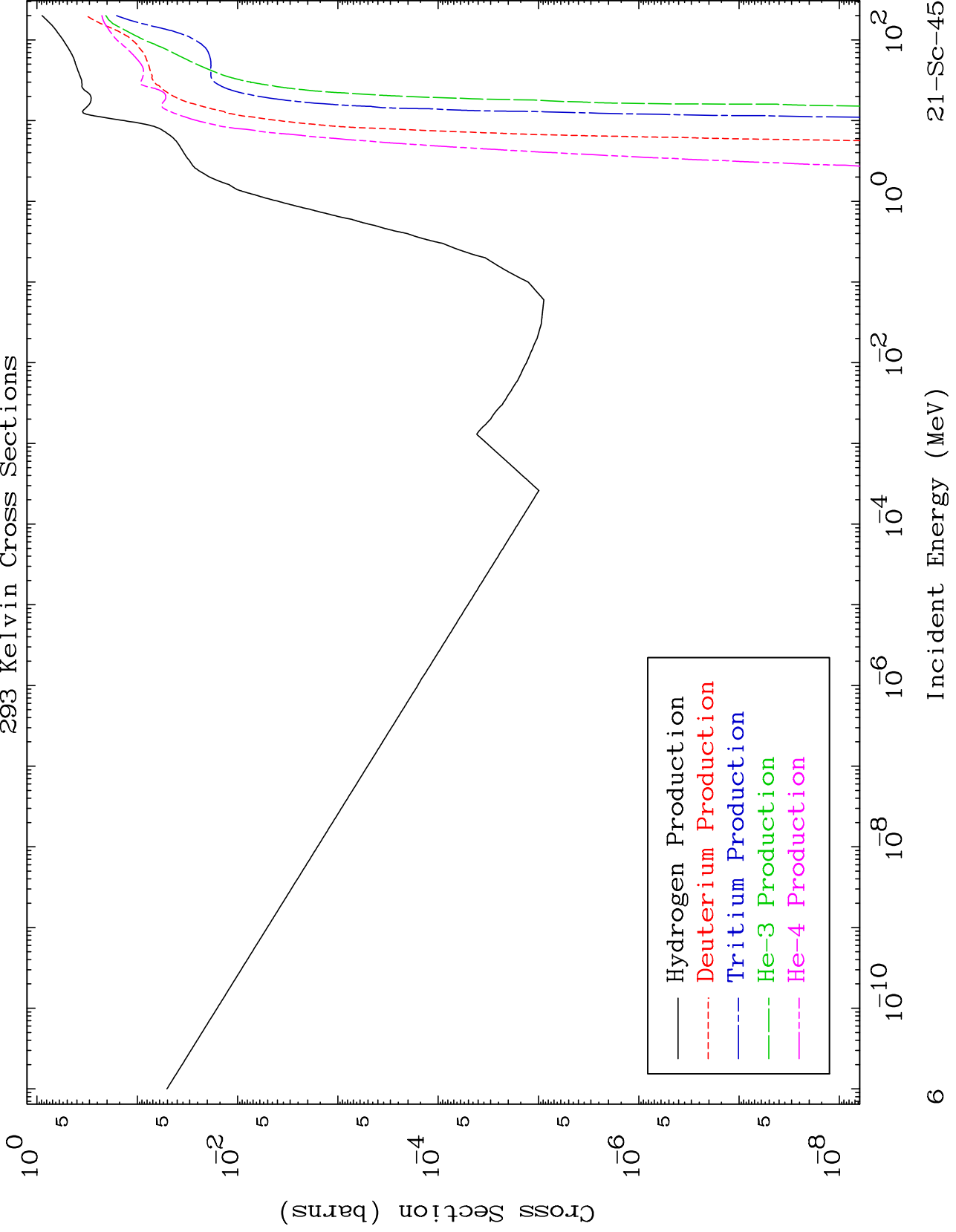
21-Sc-45



MAT 2125

Particle Production
293 Kelvin Cross Sections

21-Sc-45

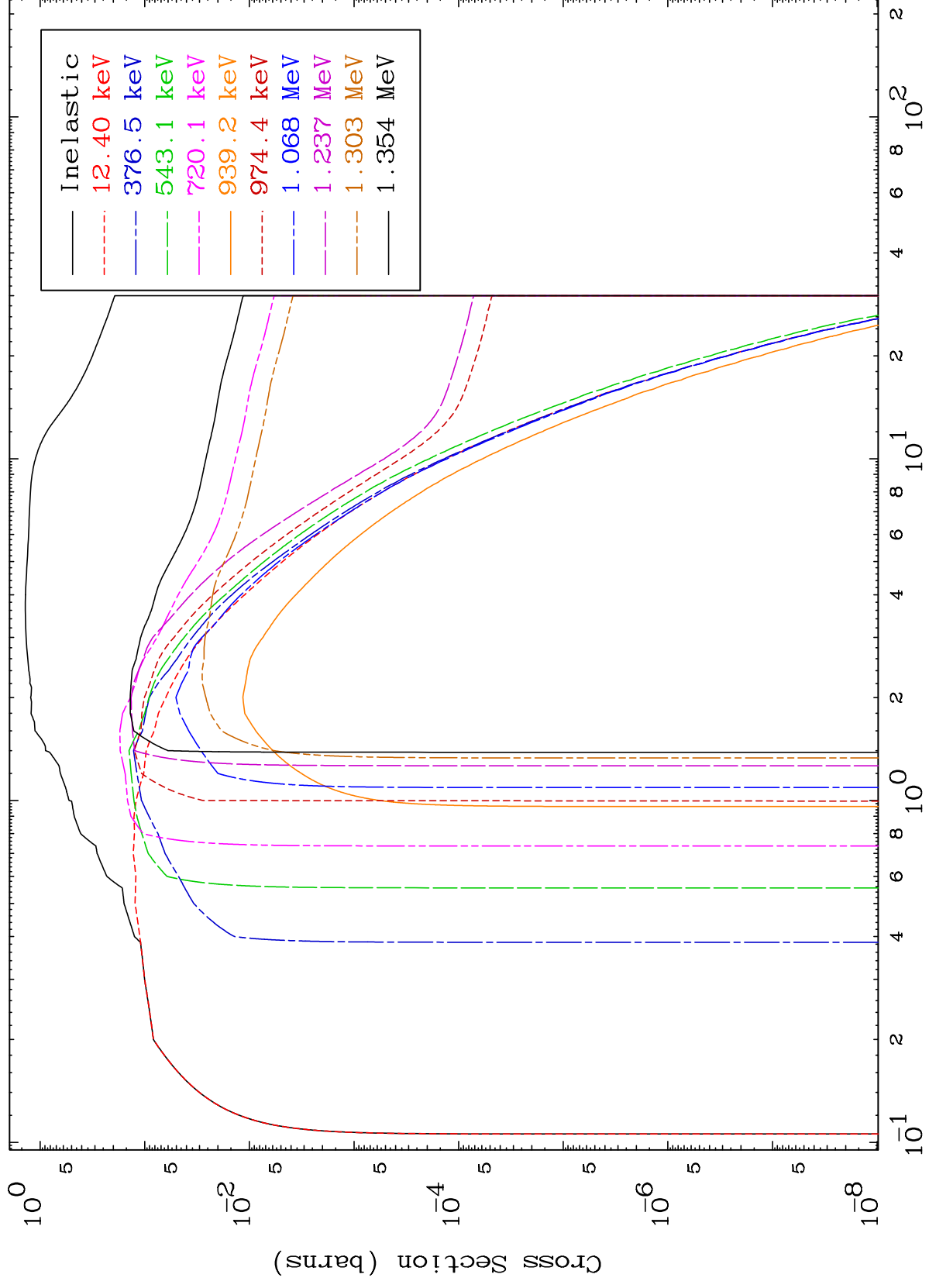


MAT 2125

(n,n') Level

21-Sc-45

293 Kelvin Cross Sections



Incident Energy (MeV)

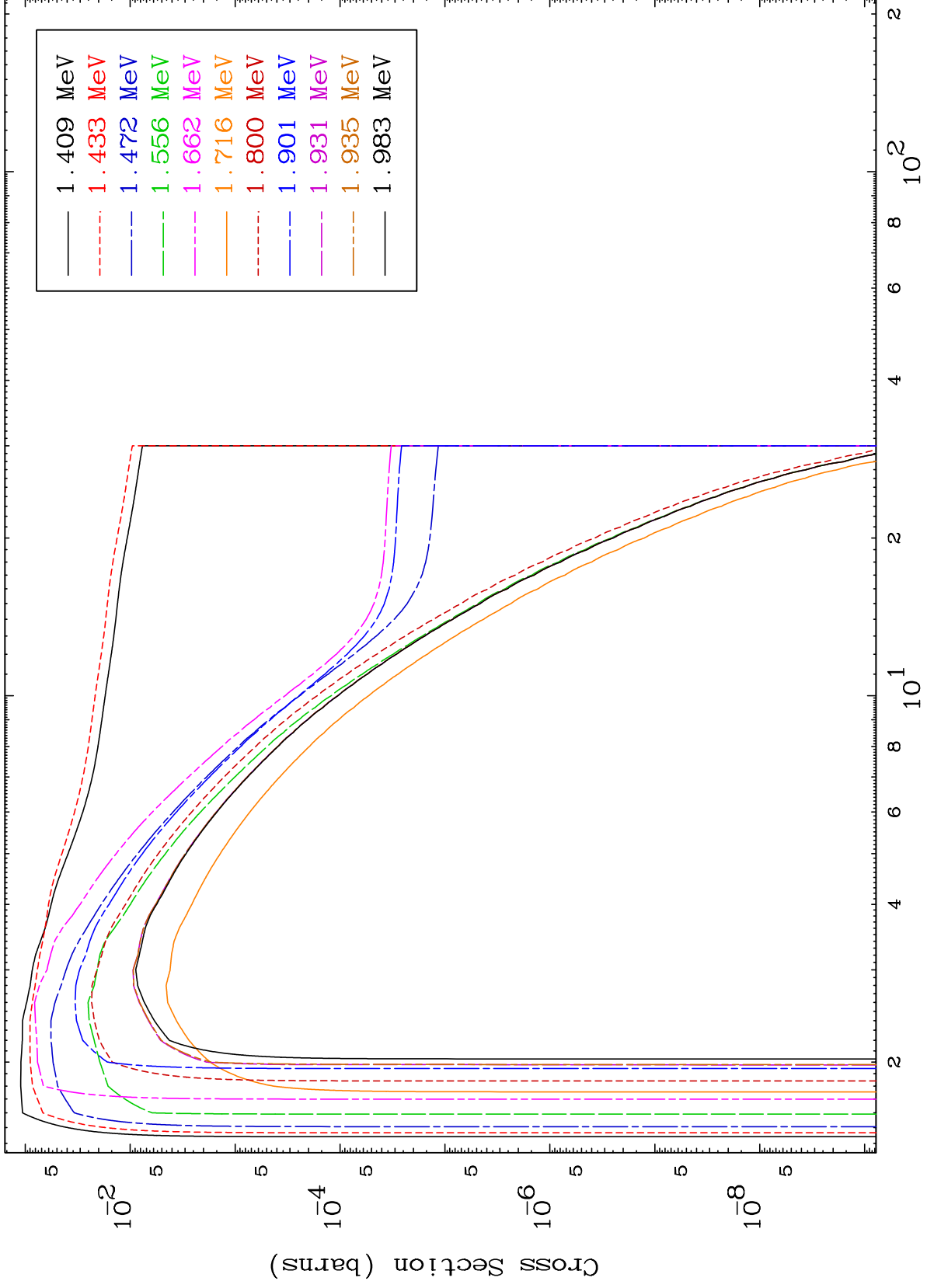
21-Sc-45

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MAT 2125

(n,n') Level
293 Kelvin Cross Sections

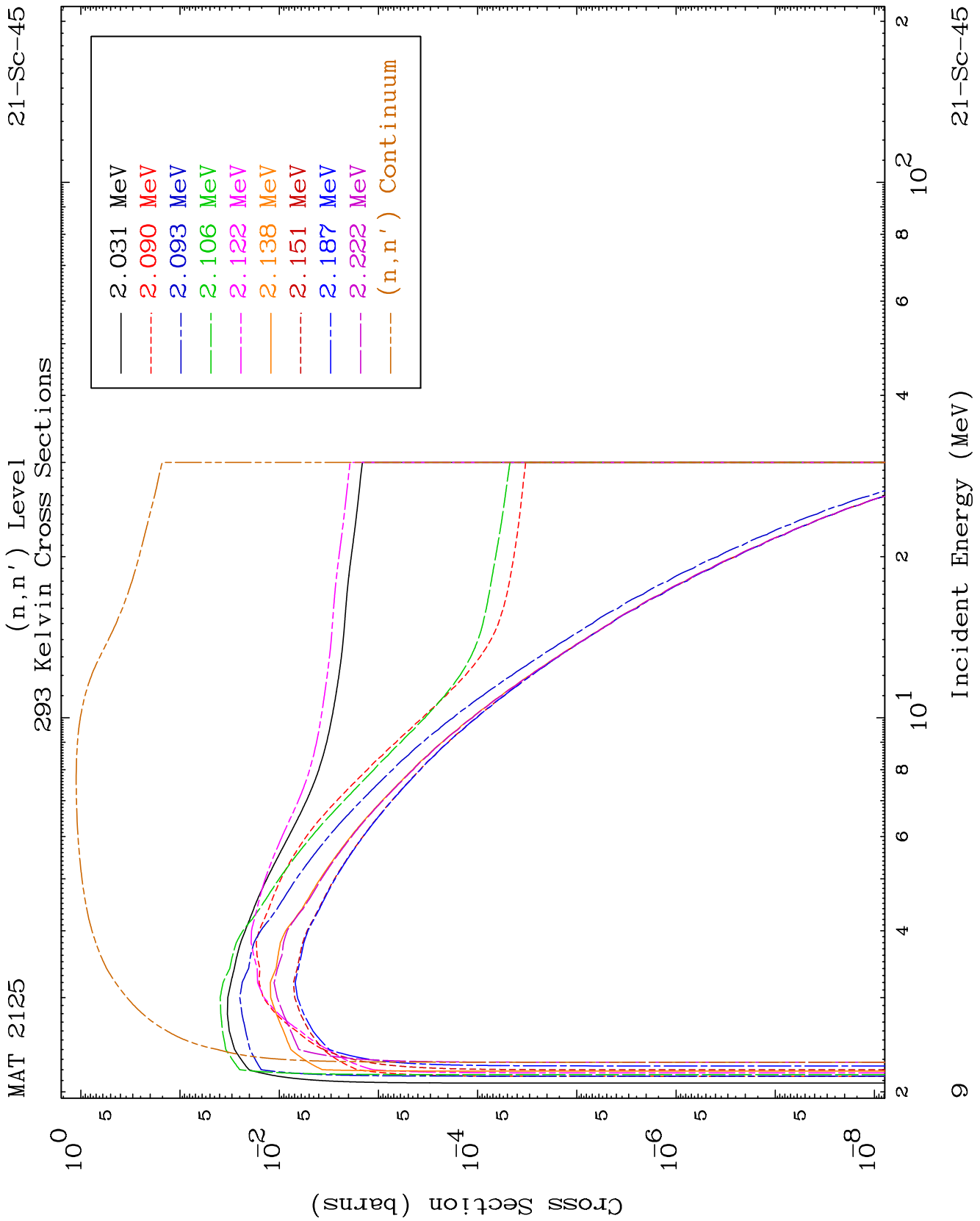
21-Sc-45



8

Incident Energy (MeV)

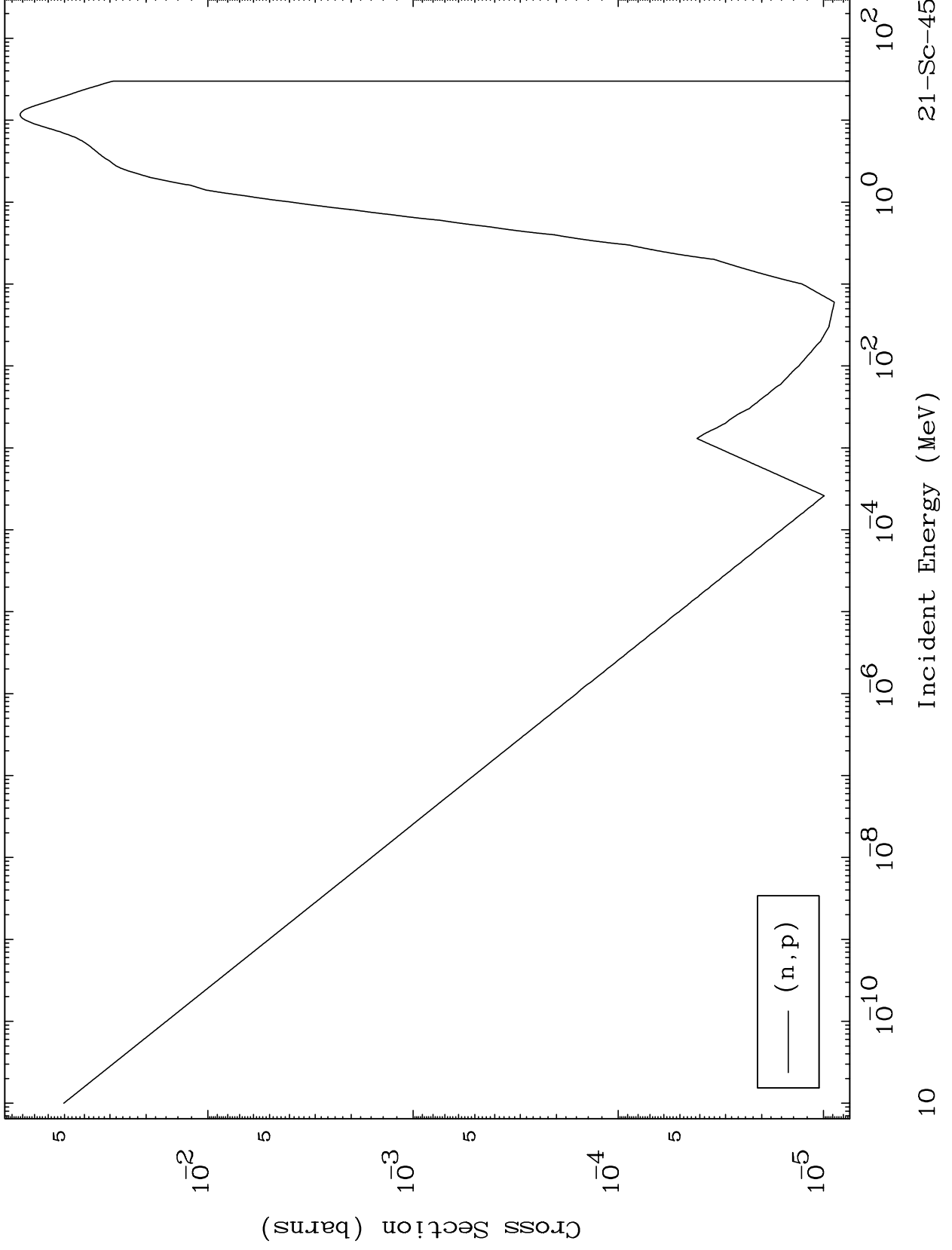
21-Sc-45



MAT 2125

(n,p) Levels
293 Kelvin Cross Sections

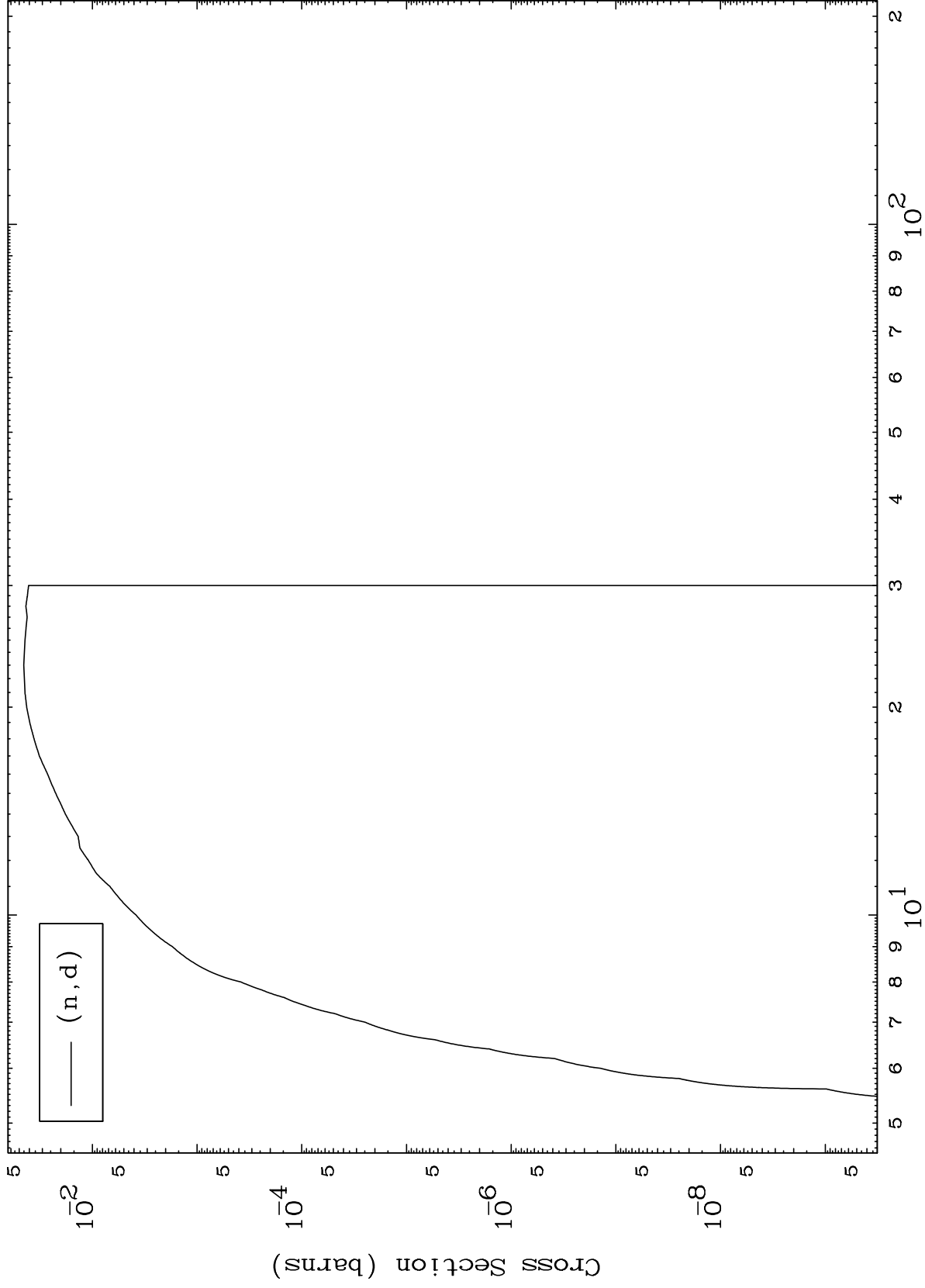
21-Sc-45



MAT 2125

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-45



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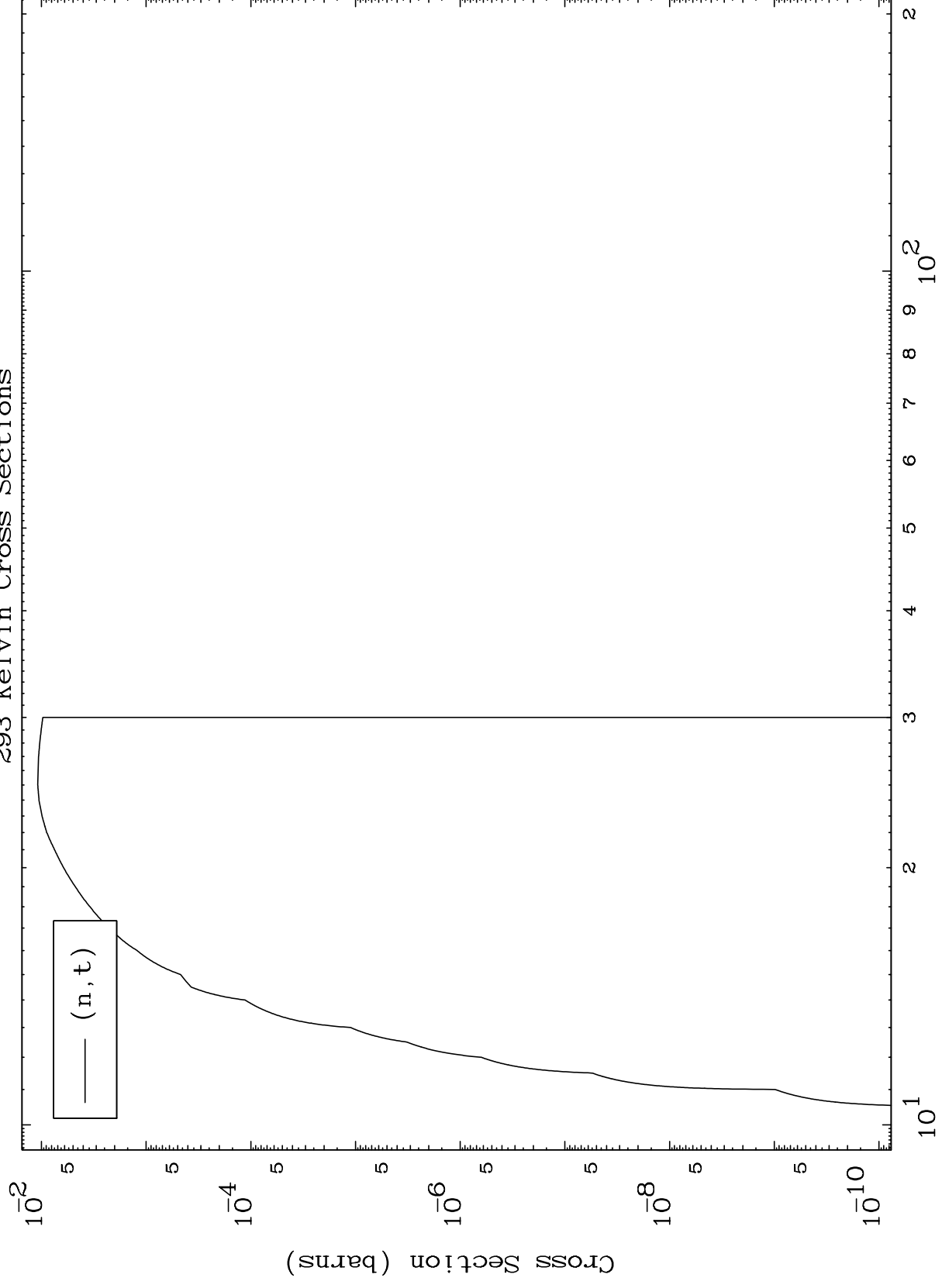
Incident Energy (MeV)

21-Sc-45

MAT 2125

(n,t) Levels
293 Kelvin Cross Sections

21-Sc-45



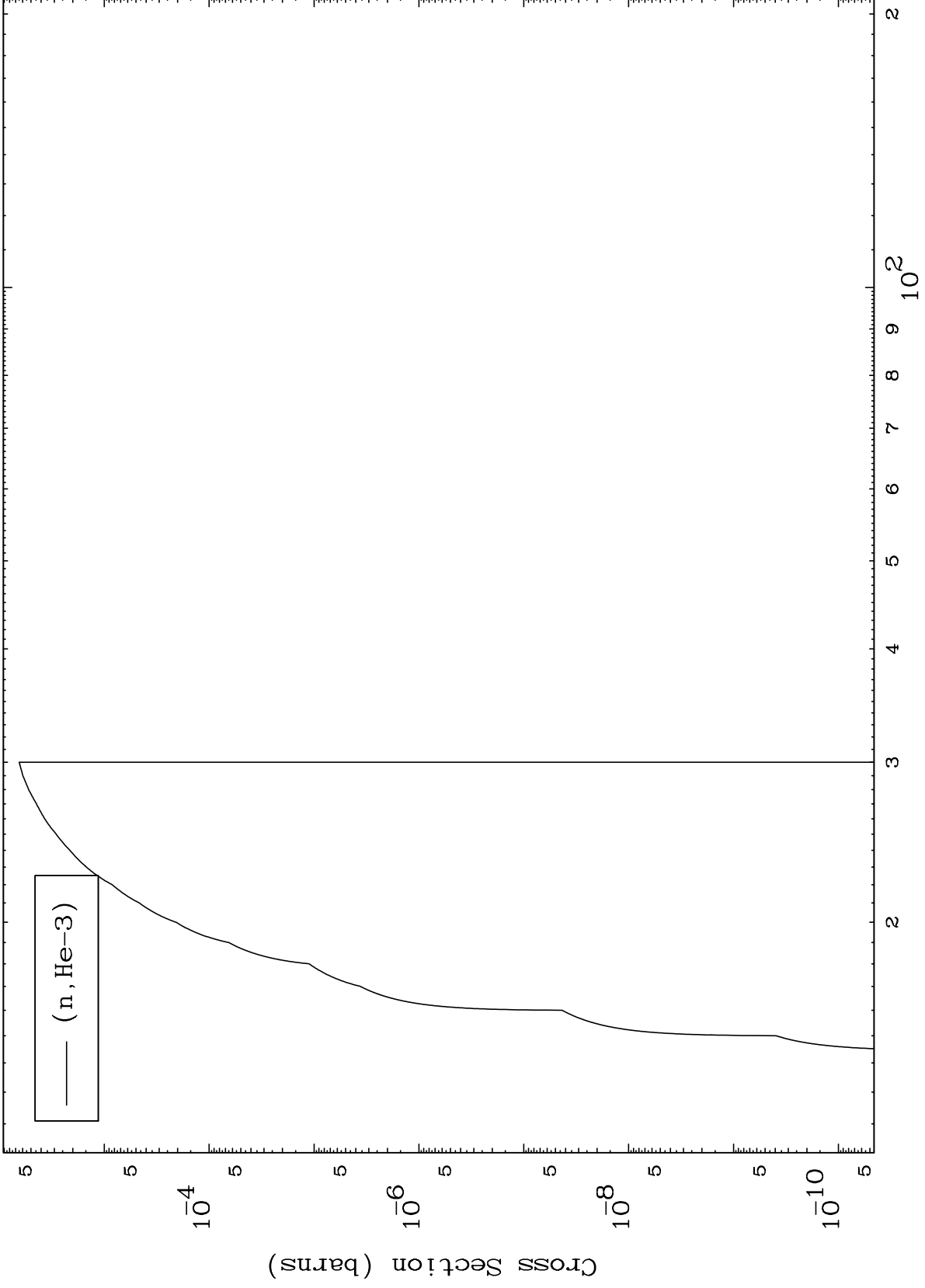
Incident Energy (MeV)

21-Sc-45

MAT 2125

(n,He3) Levels
293 Kelvin Cross Sections

21-Sc-45



13

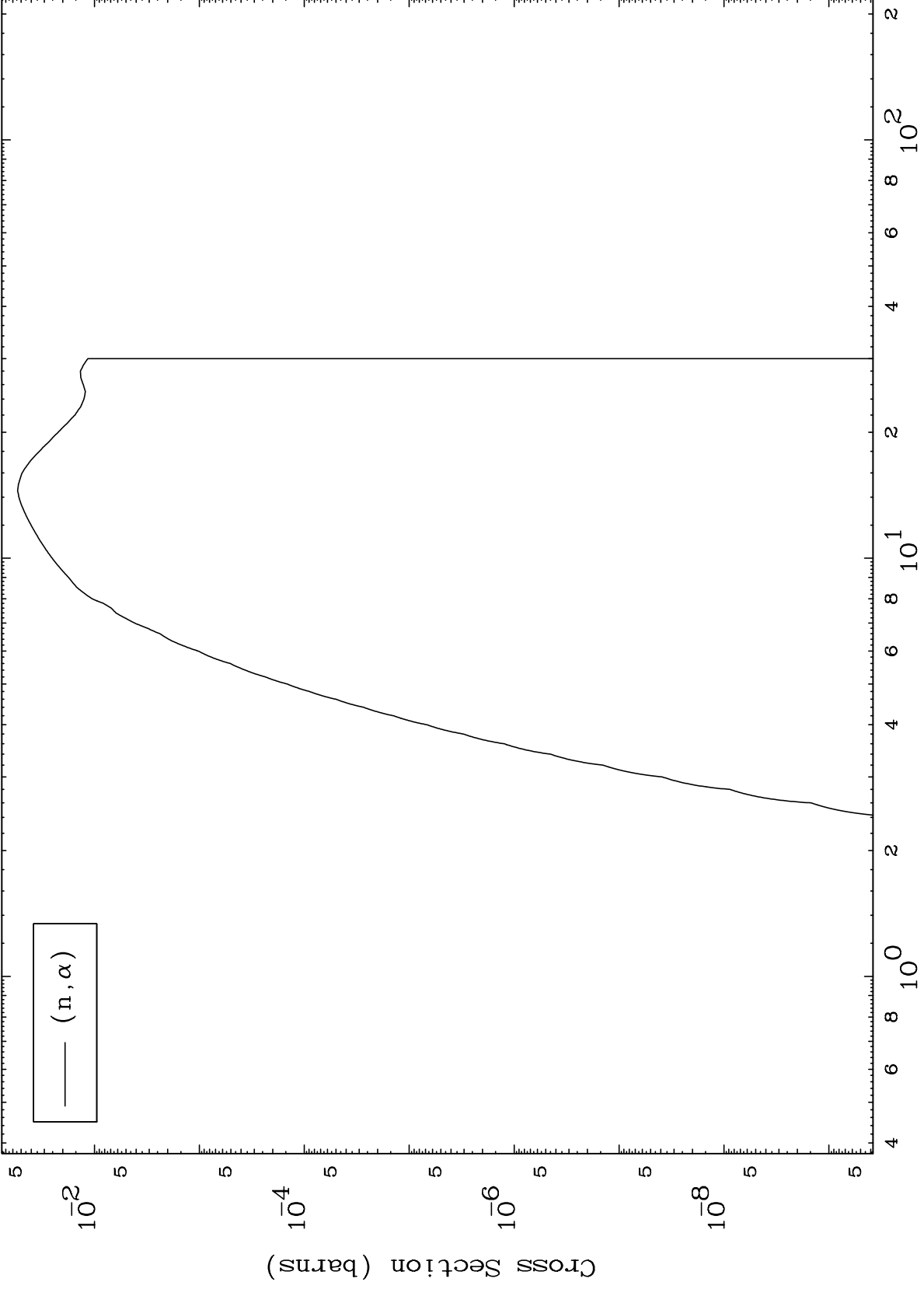
Incident Energy (MeV)

21-Sc-45

MAT 2125

(n, α) Levels
293 Kelvin Cross Sections

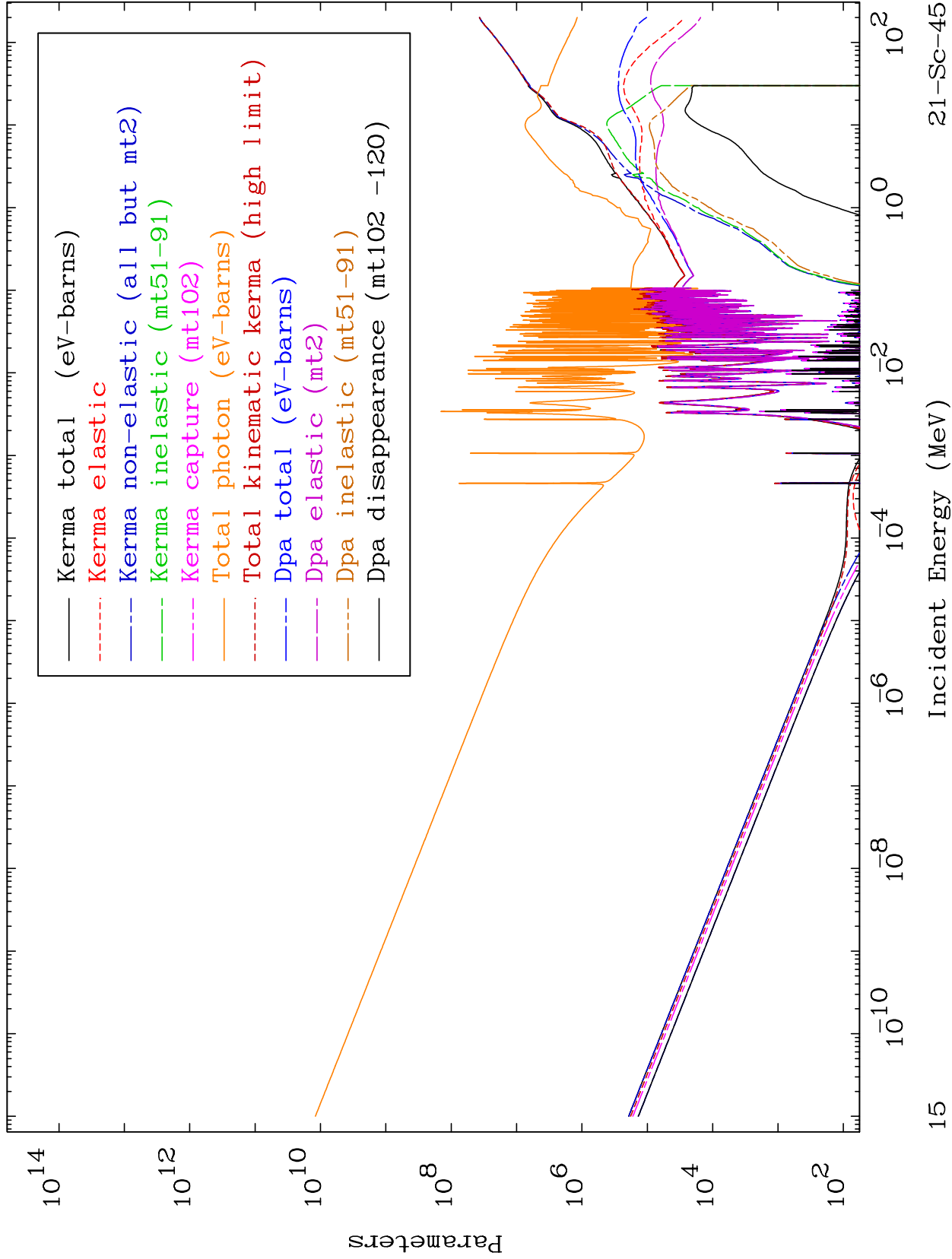
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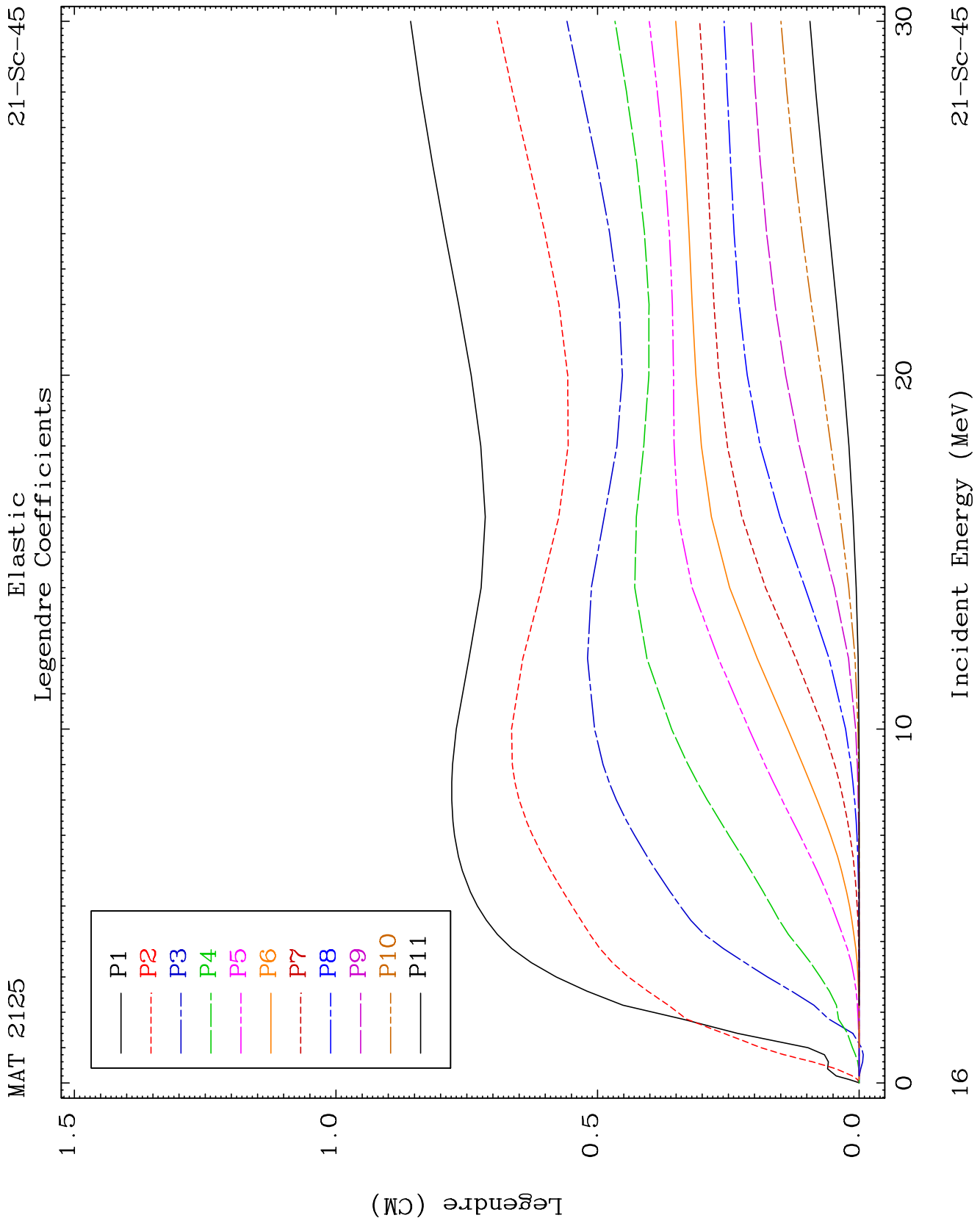


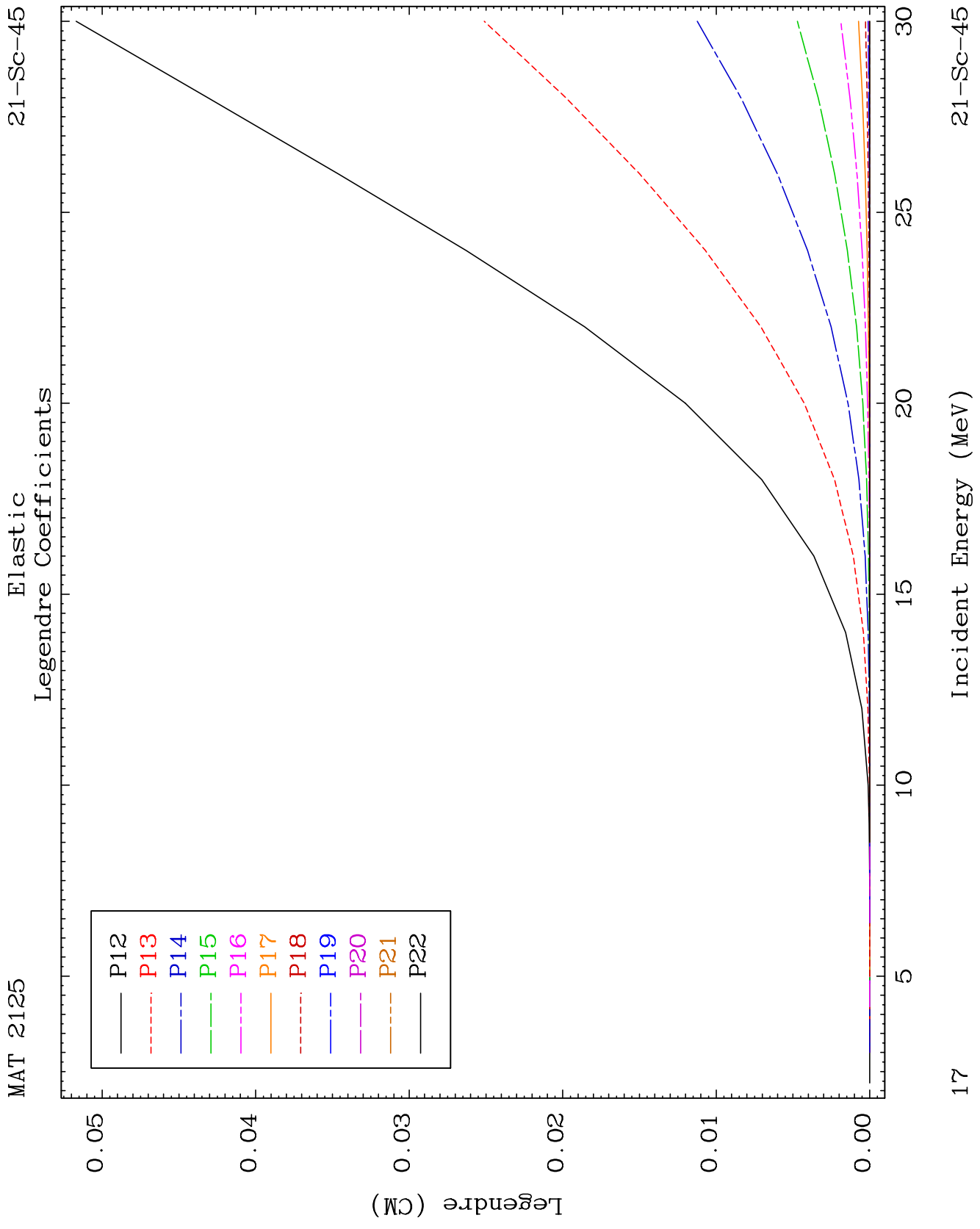
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Incident Energy (MeV)

21-Sc-45



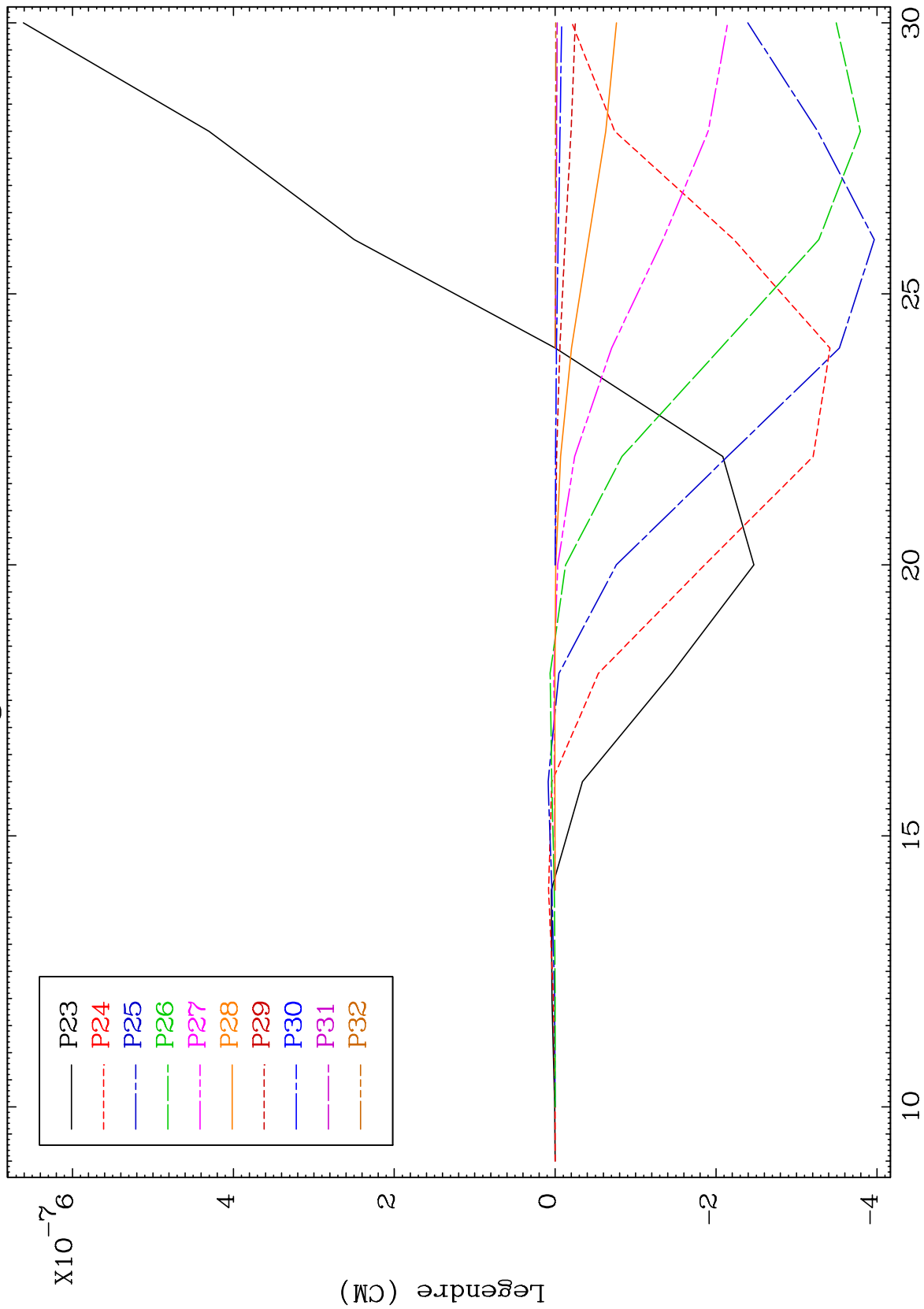




MAT 2125

Elastic Legendre Coefficients

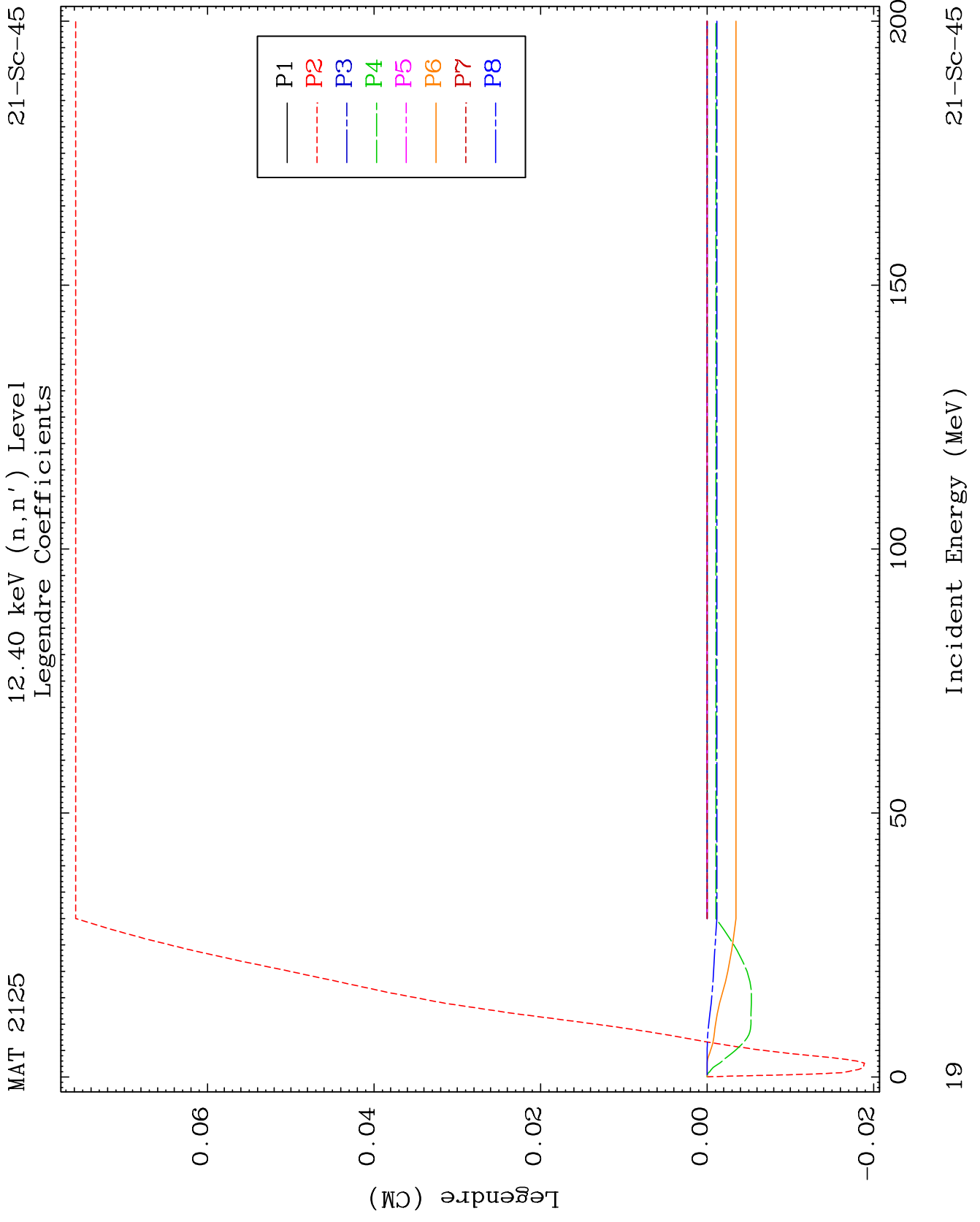
21-Sc-45

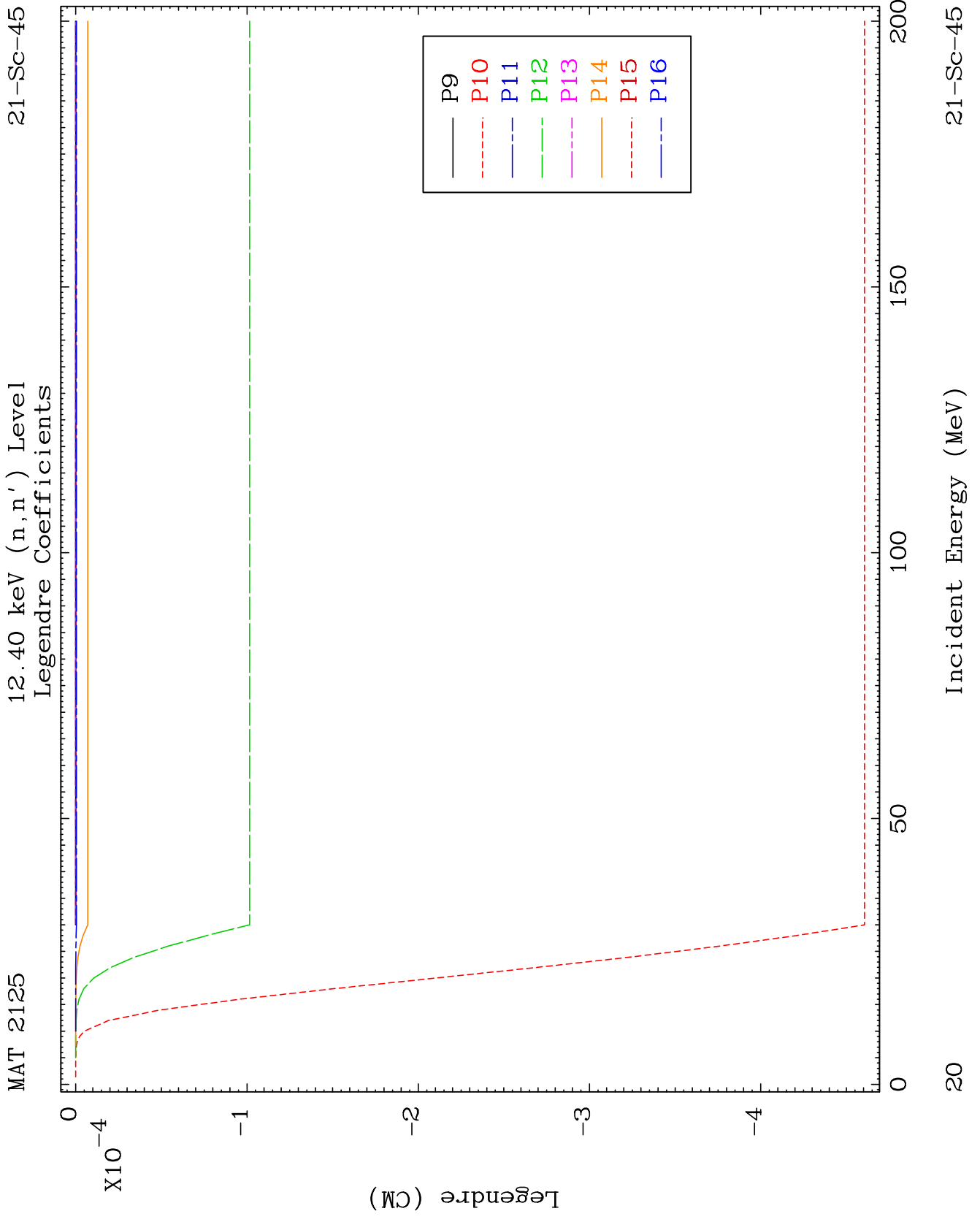


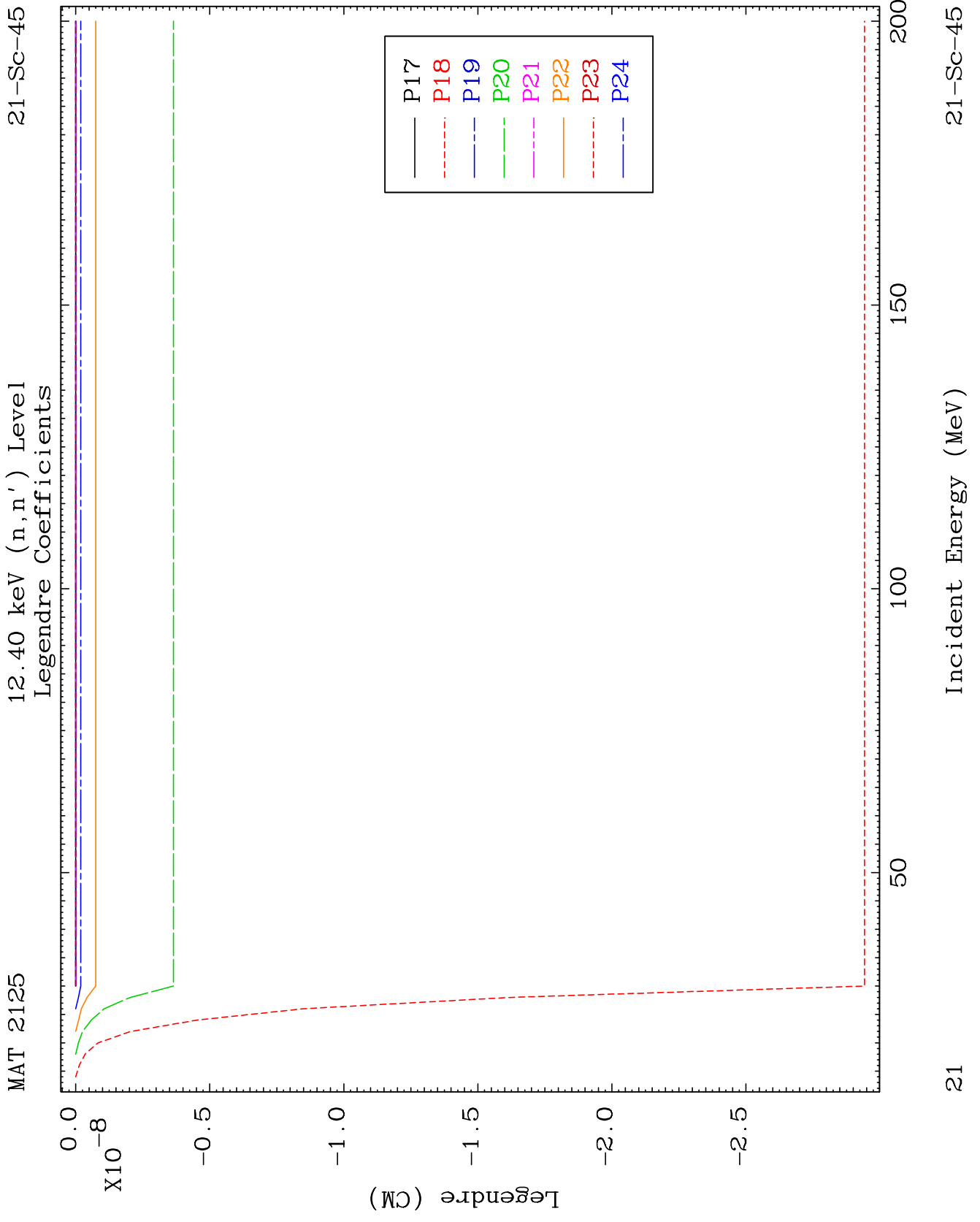
18

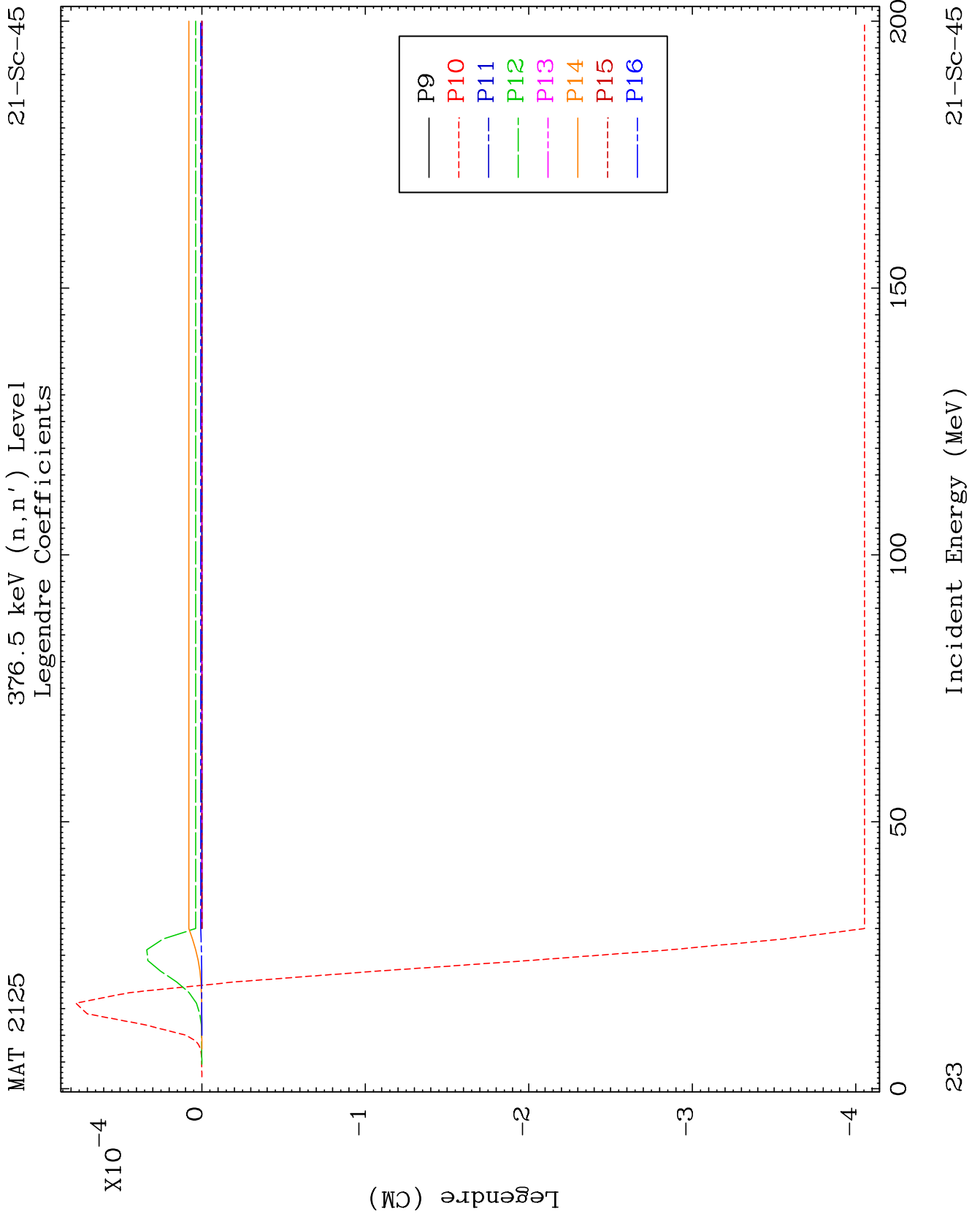
Incident Energy (MeV)

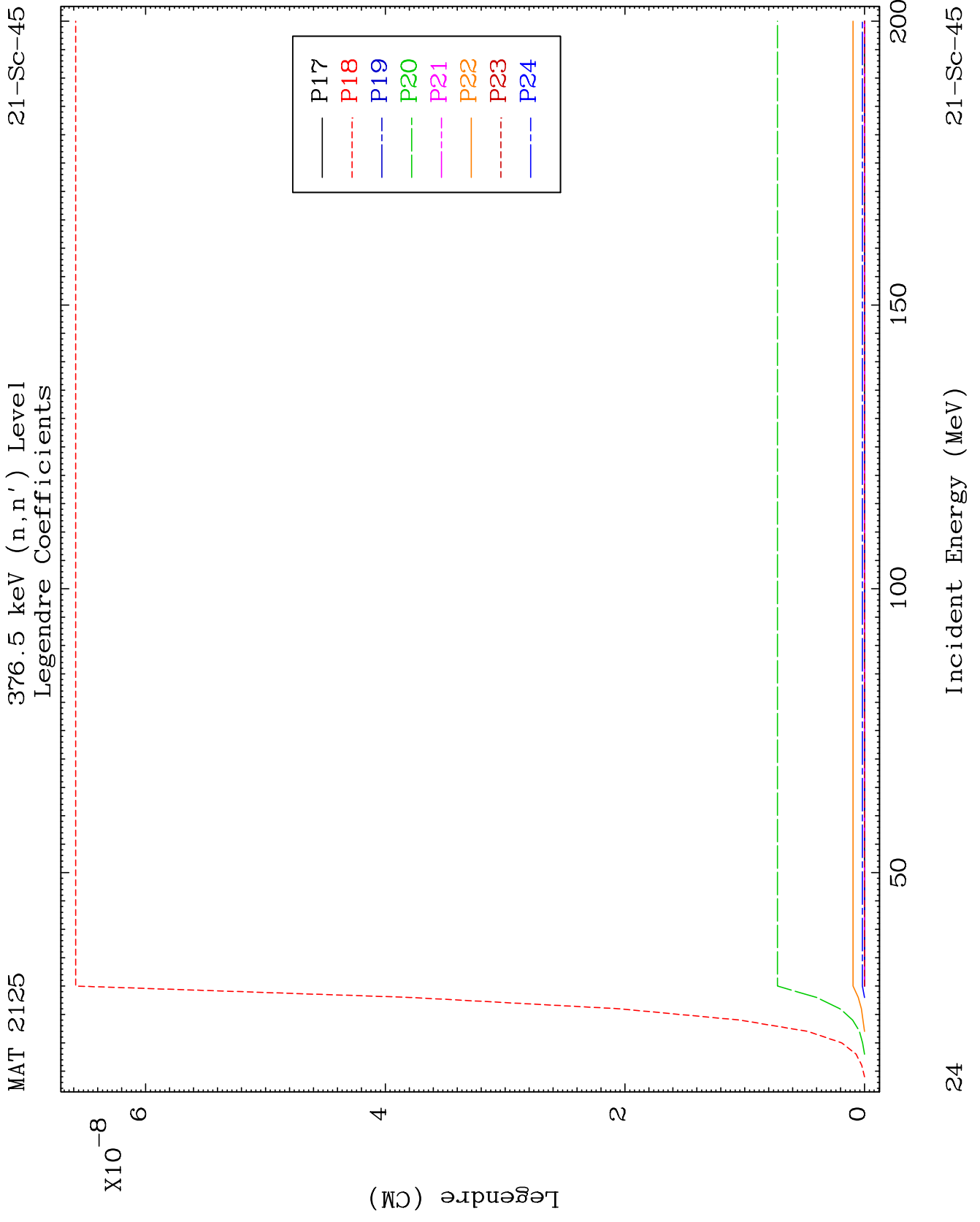
21-Sc-45

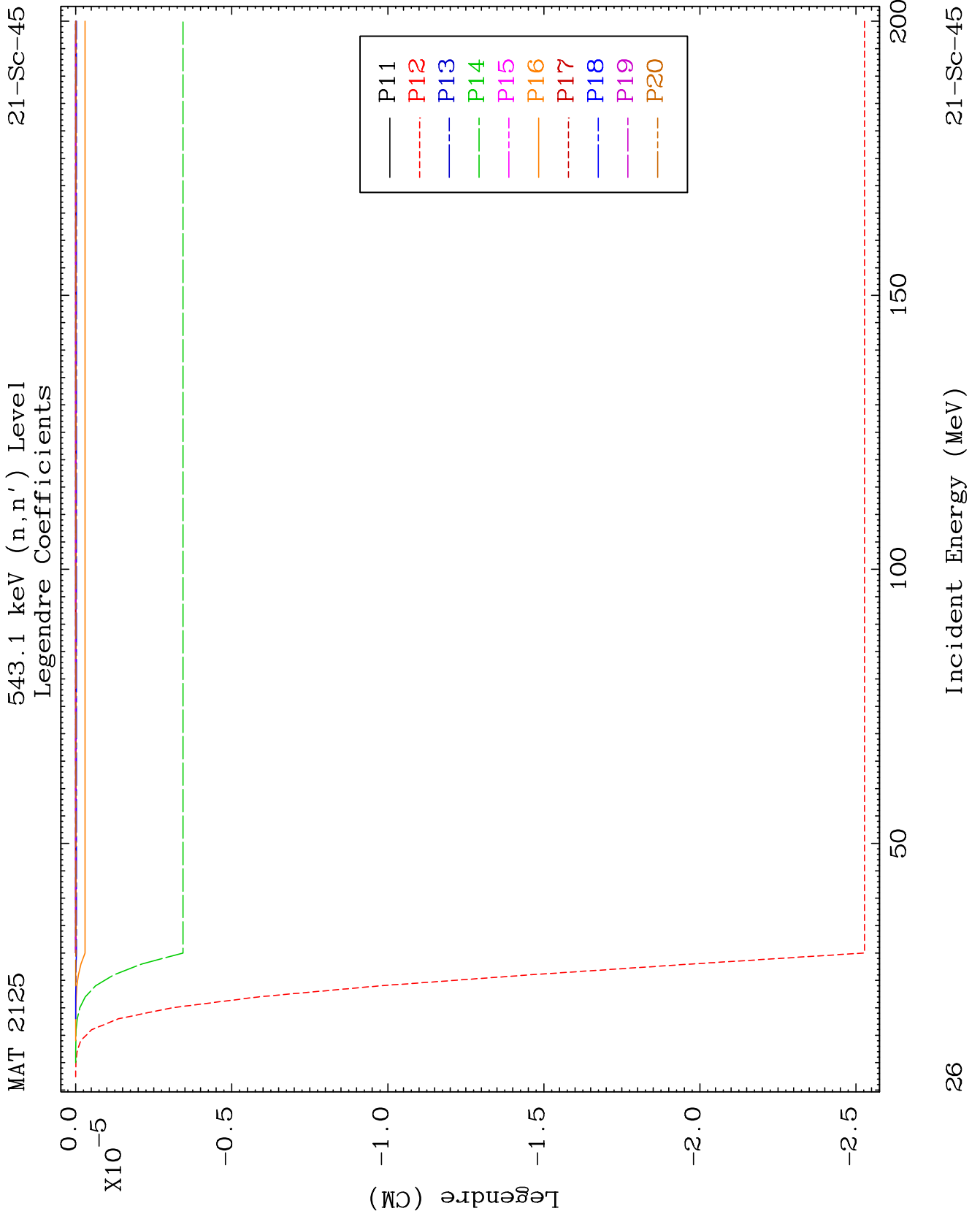


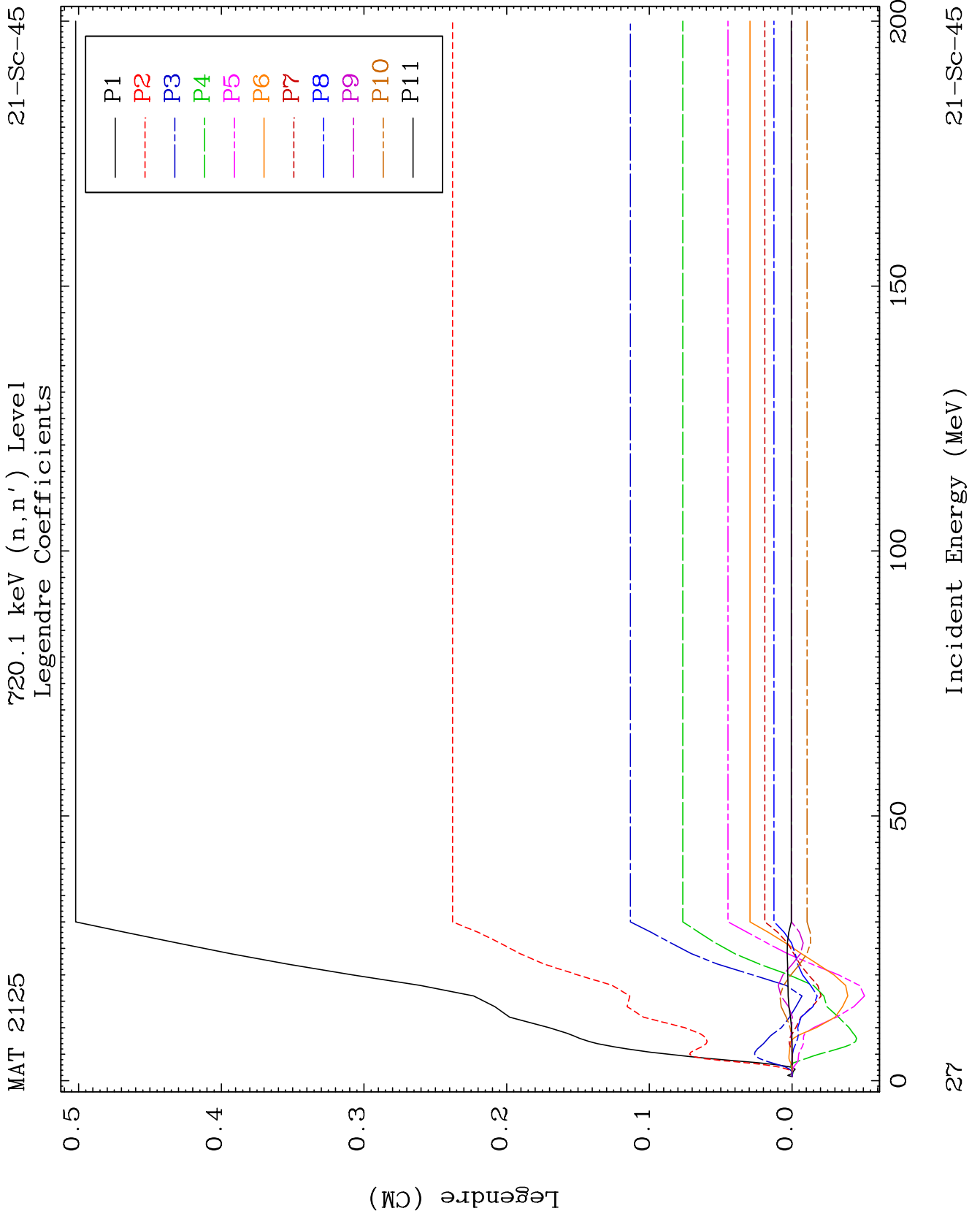








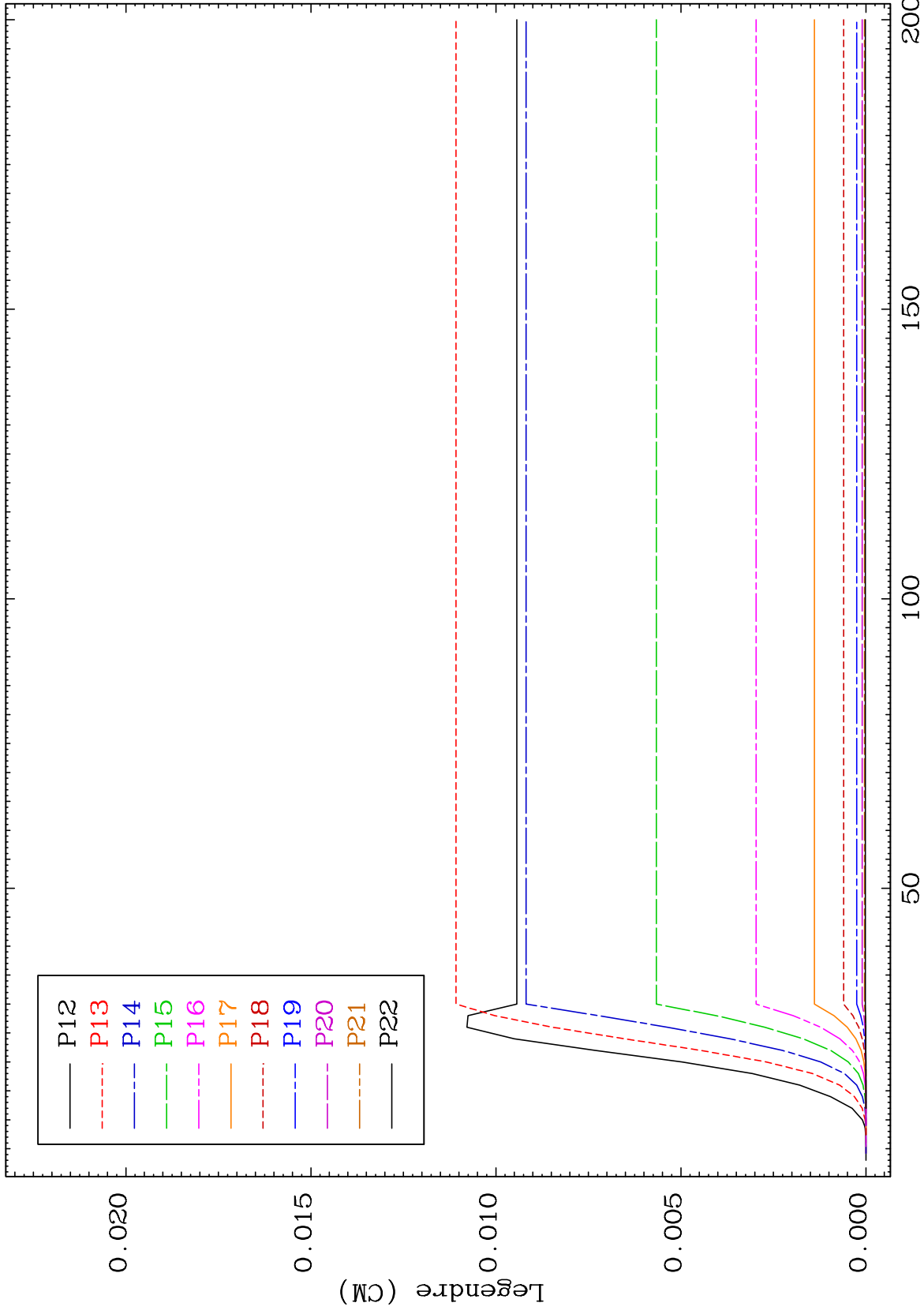




MAT 2125

720.1 keV (n,n') Level
Legendre Coefficients

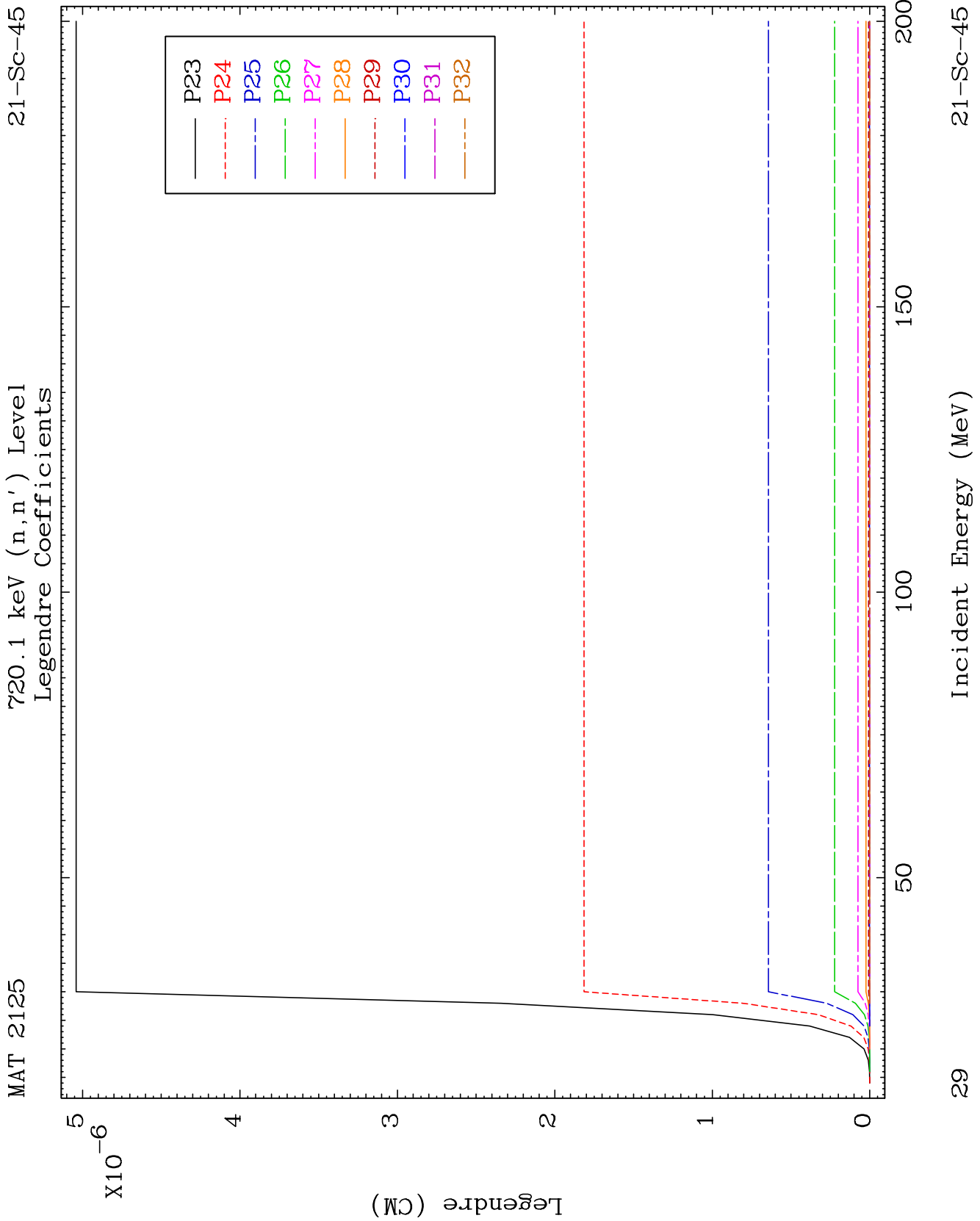
21-Sc-45

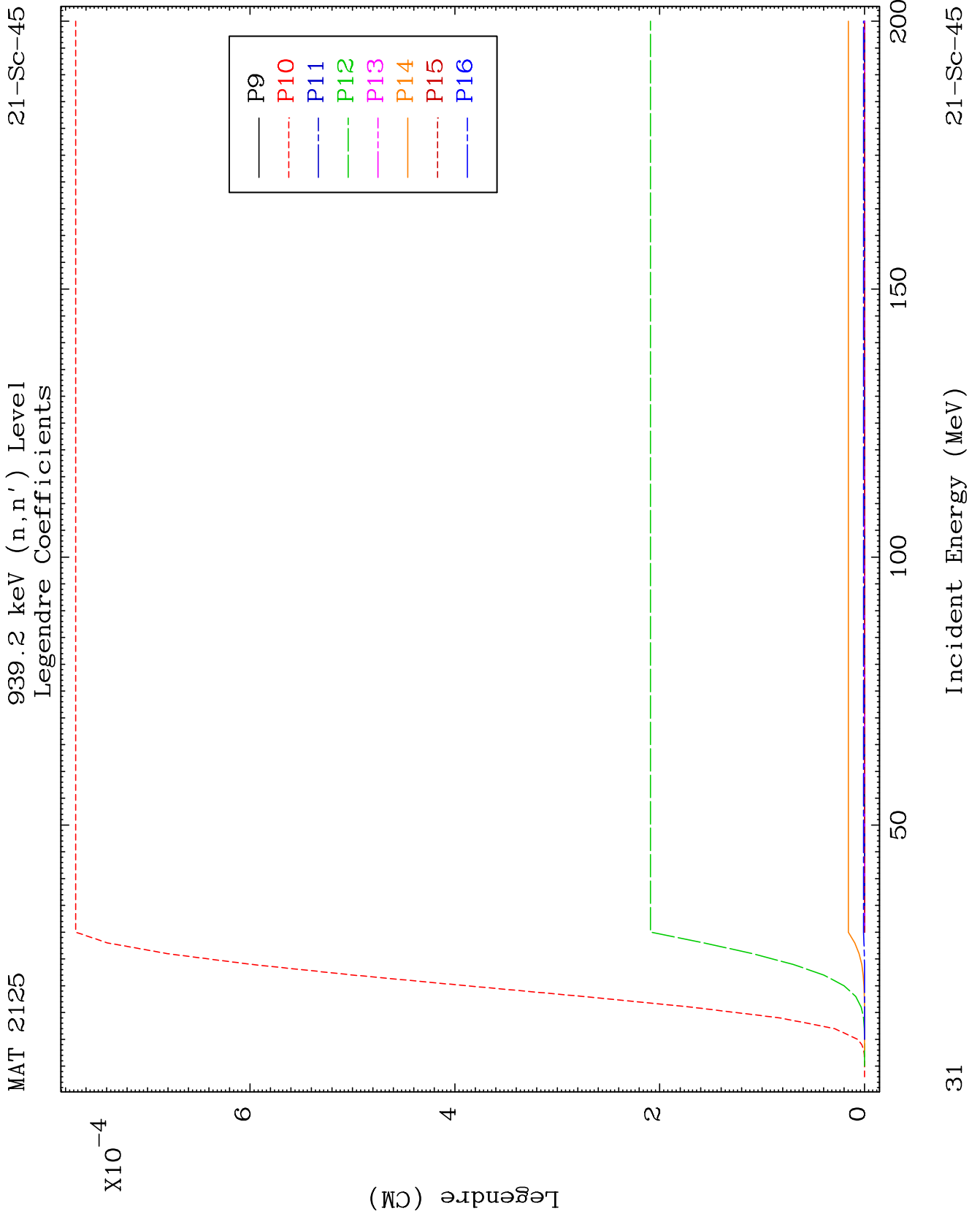


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Incident Energy (MeV)

21-Sc-45

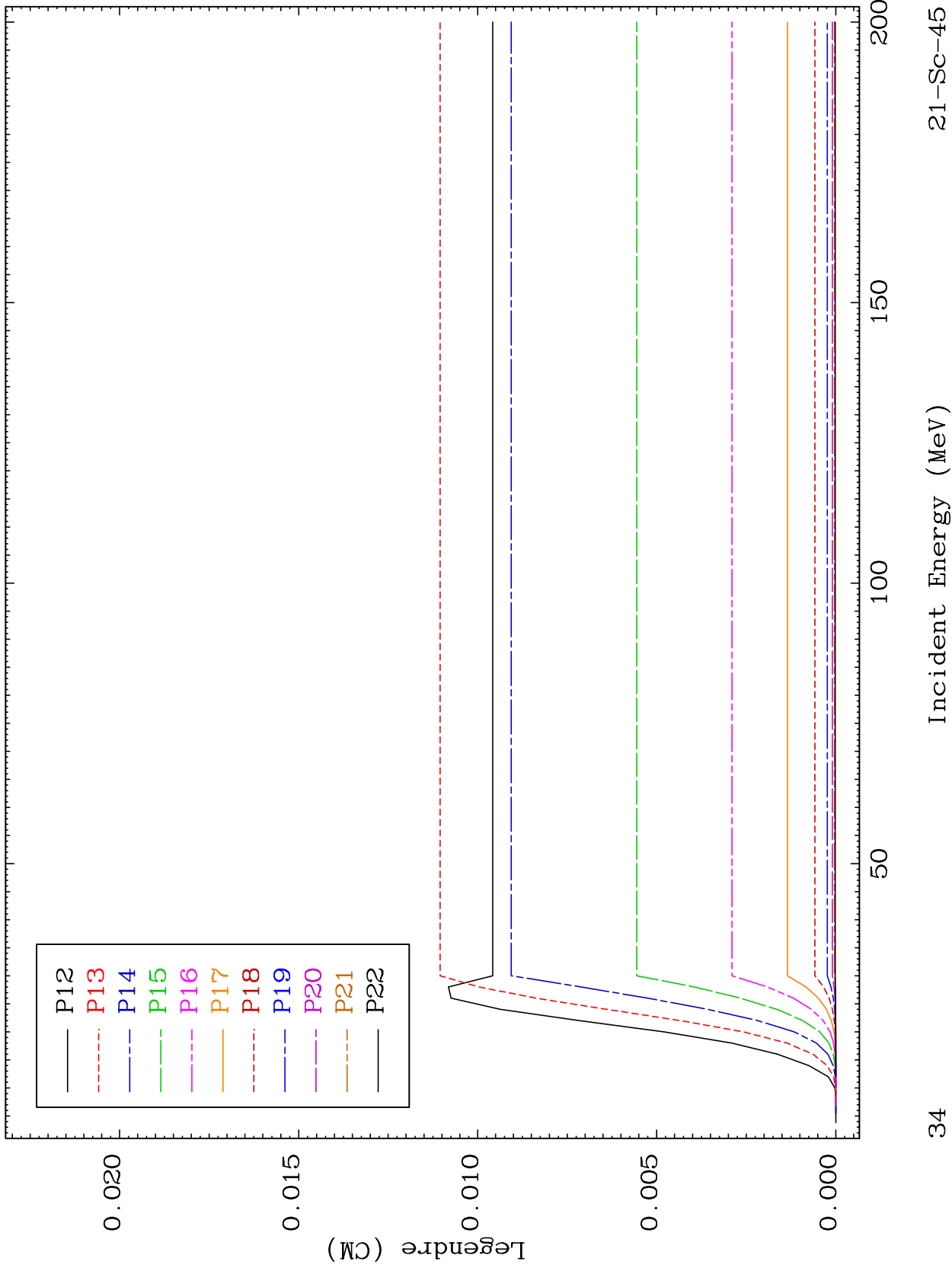




MAT 2125

974.4 keV (n,n') Level
Legendre Coefficients

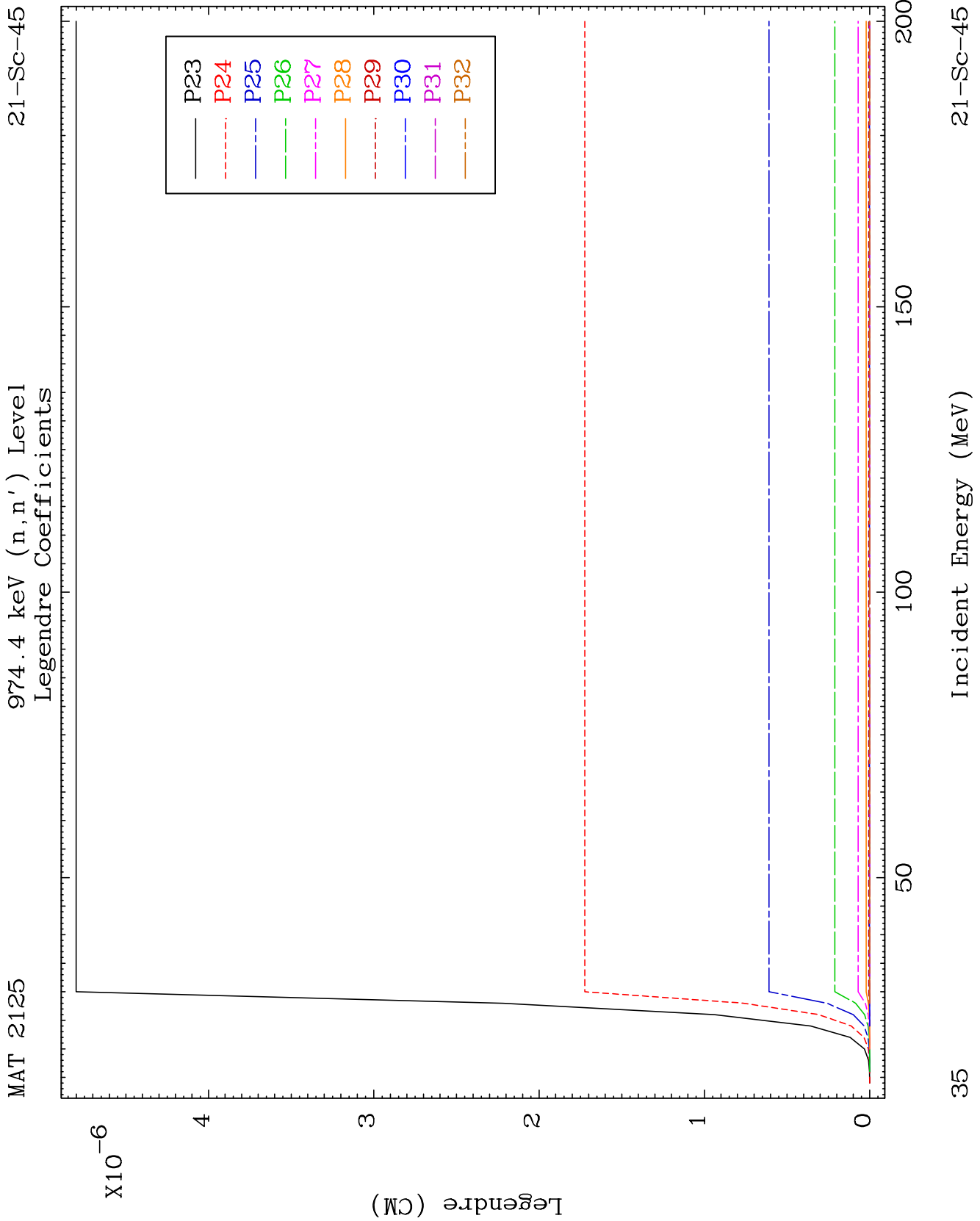
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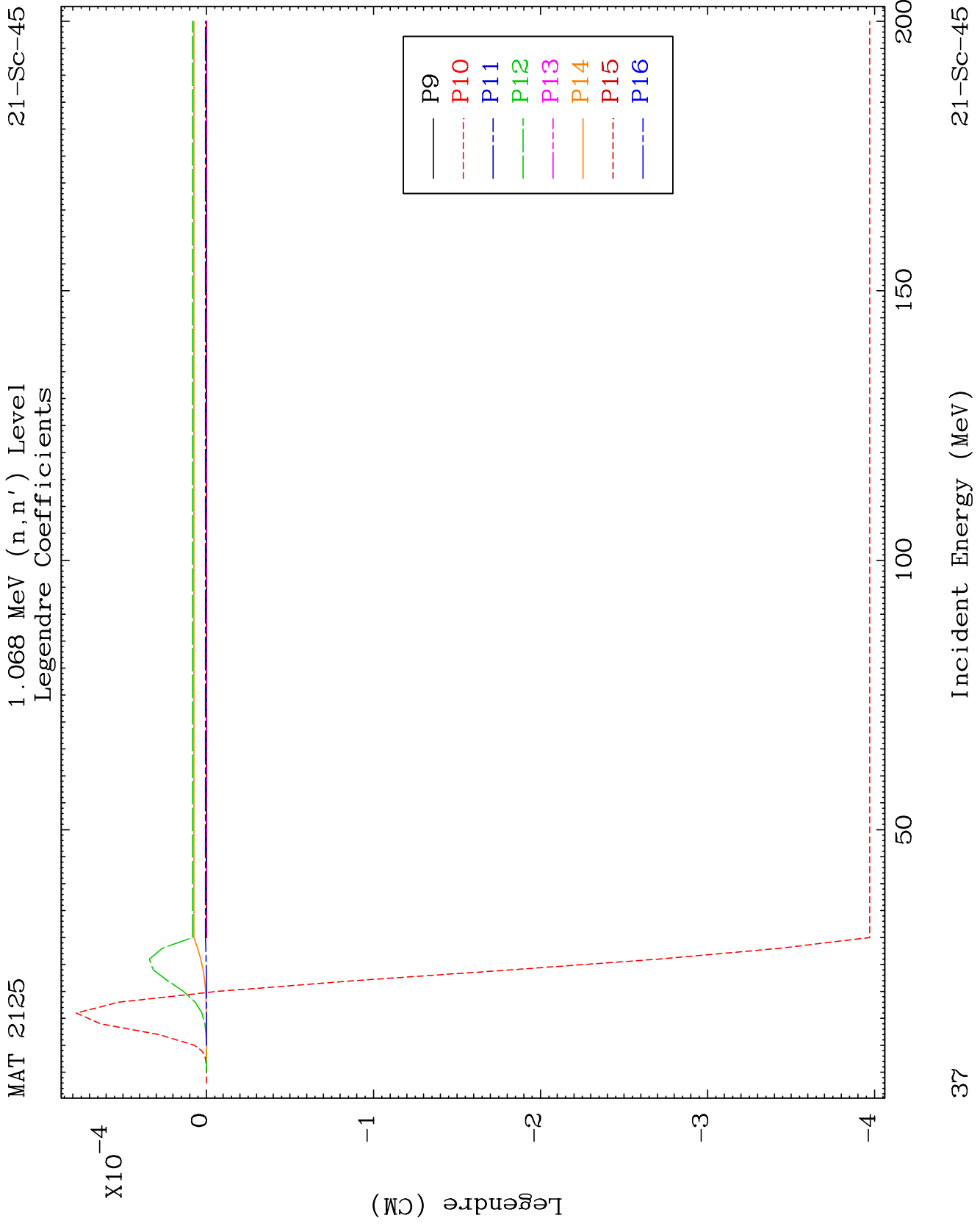


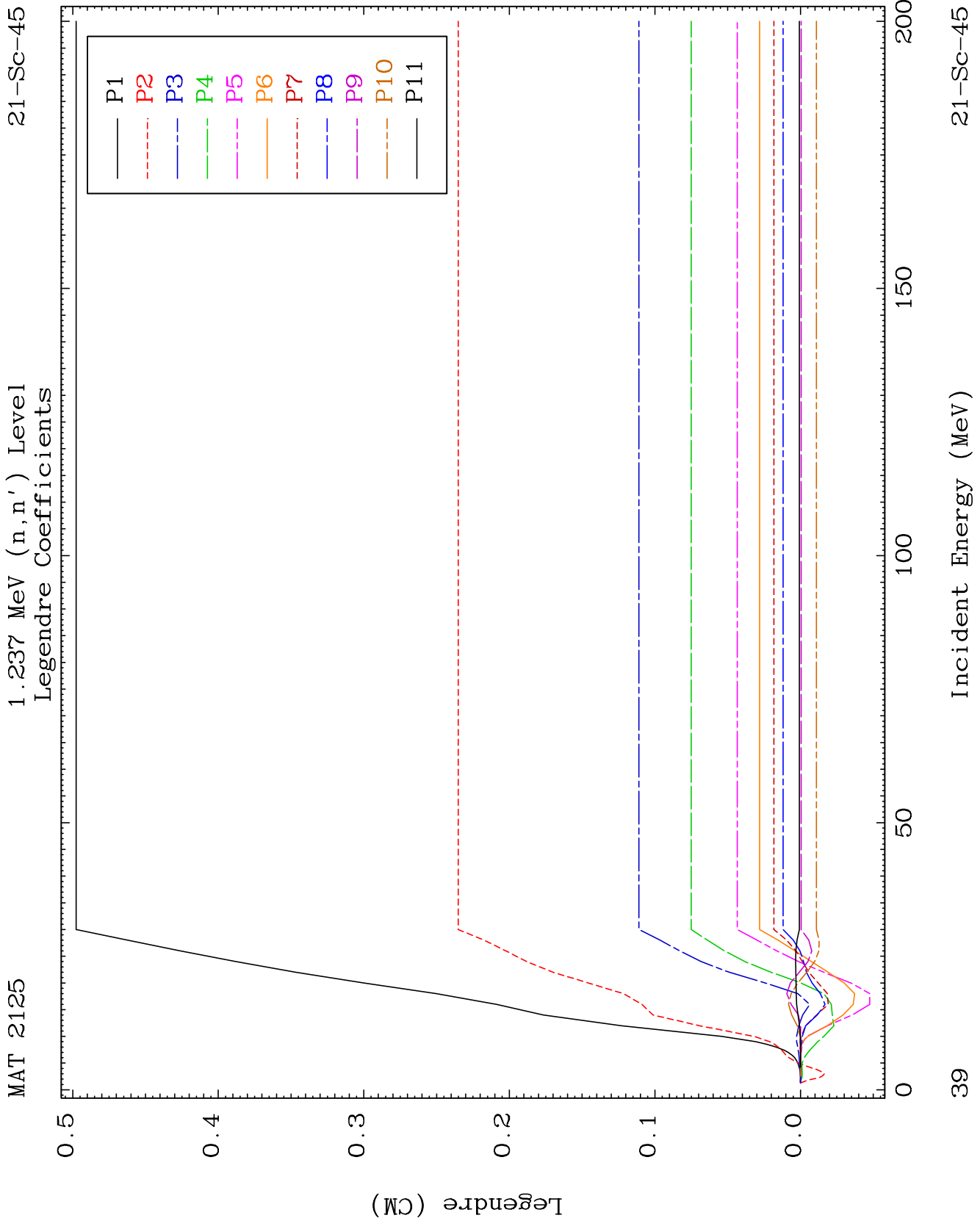
34

Incident Energy (MeV)

21-Sc-45



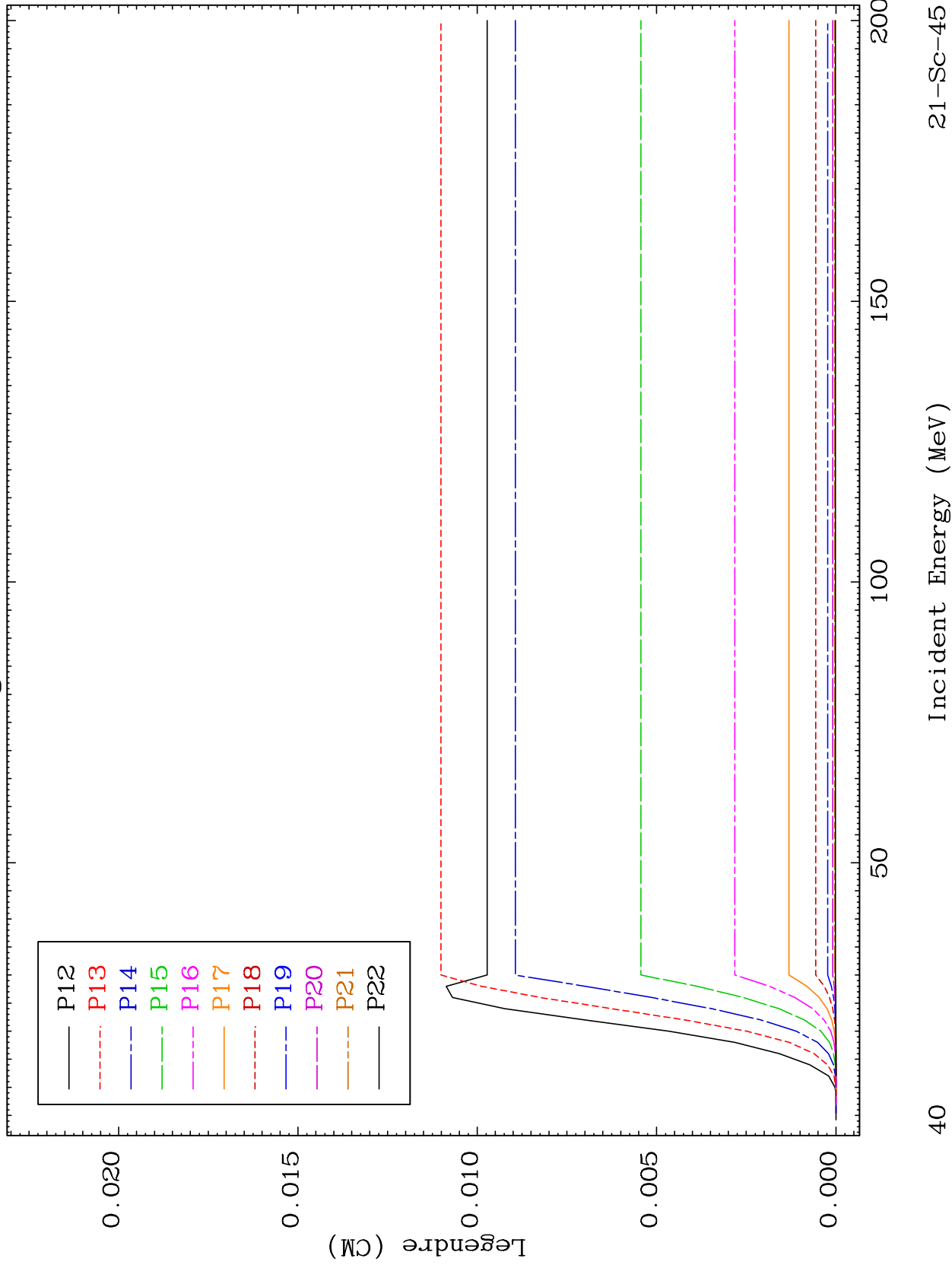


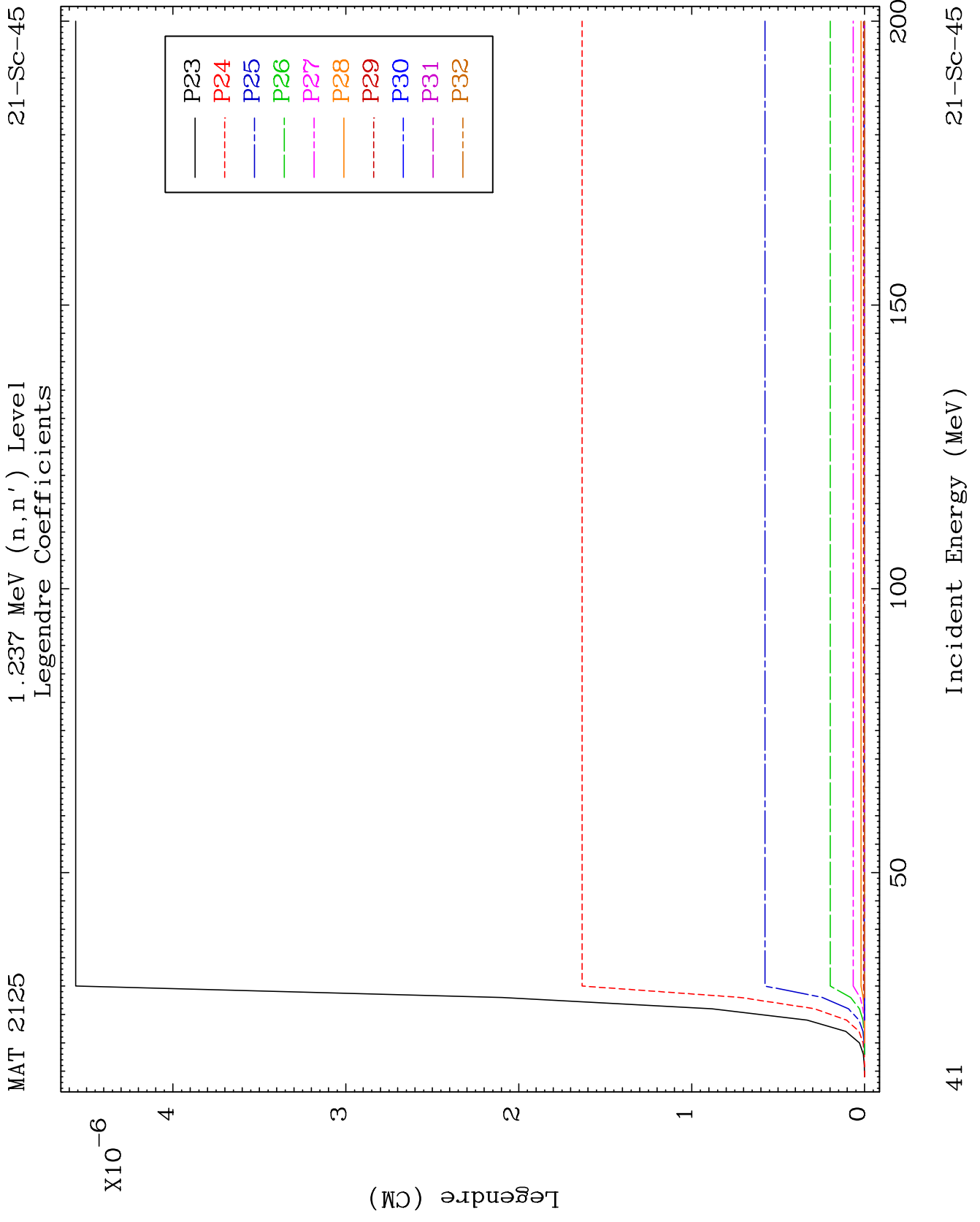


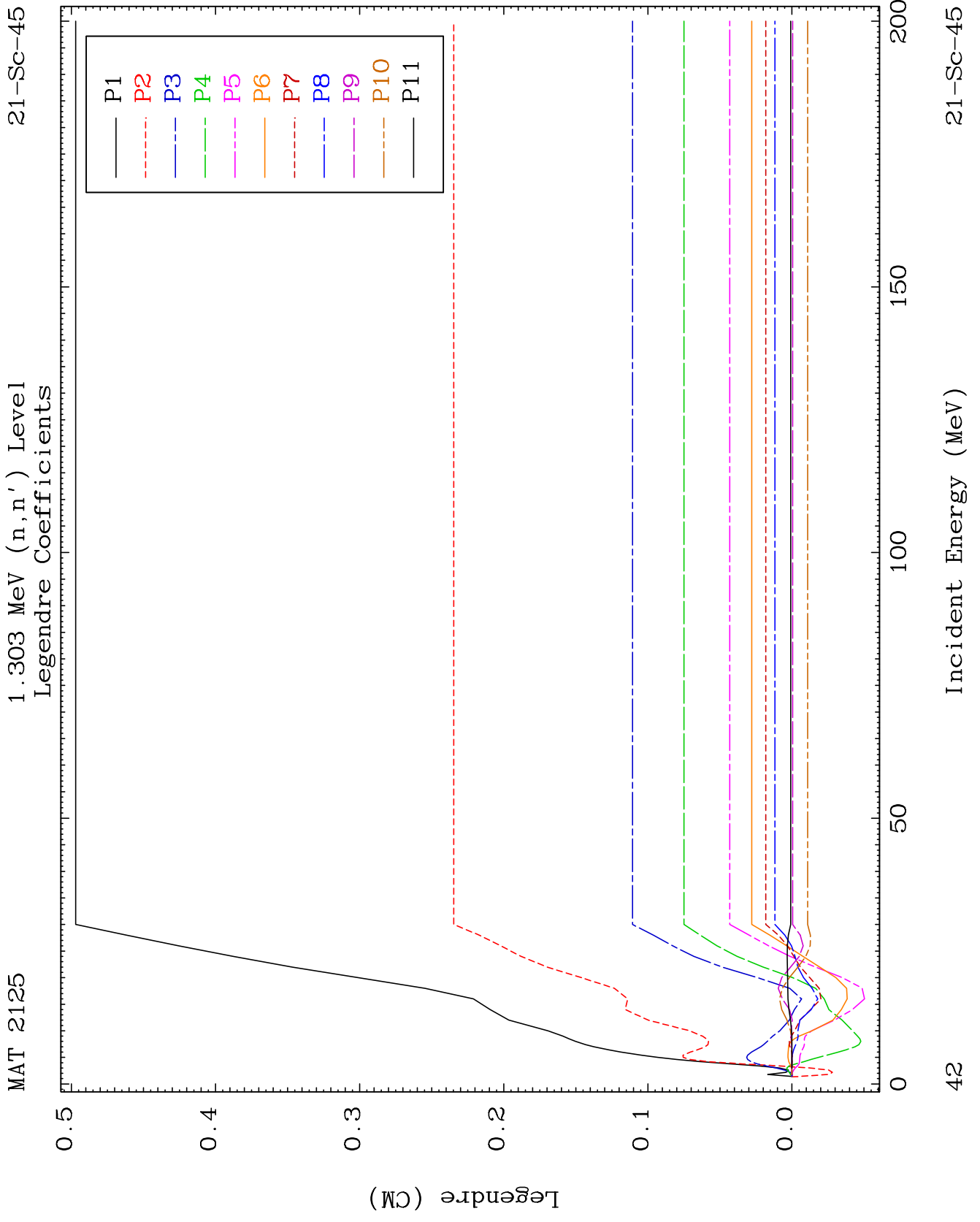
MAT 2125

1.237 MeV (n,n') Level
Legendre Coefficients

21-Sc-45



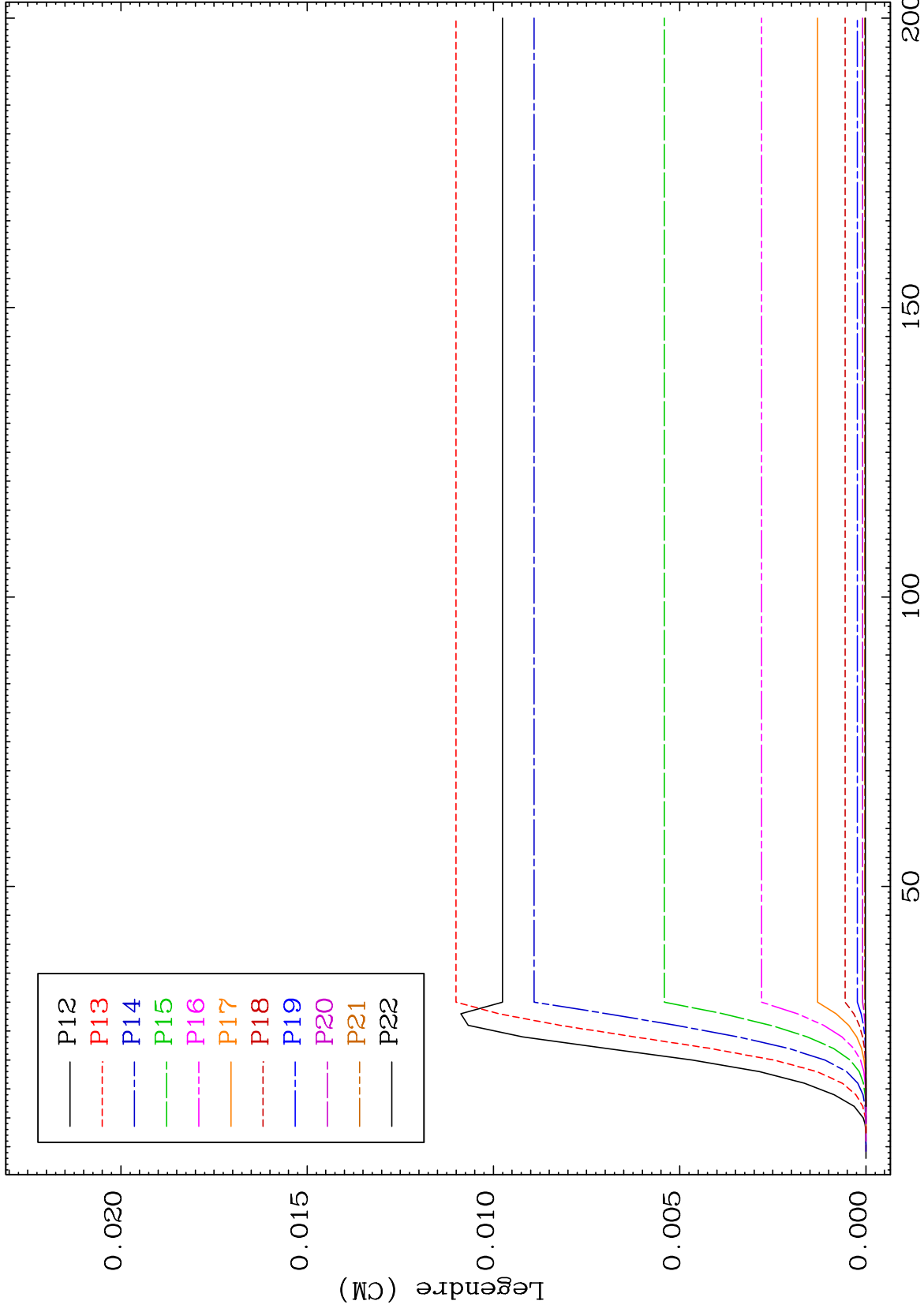




MAT 2125

1.303 MeV (n,n') Level
Legendre Coefficients

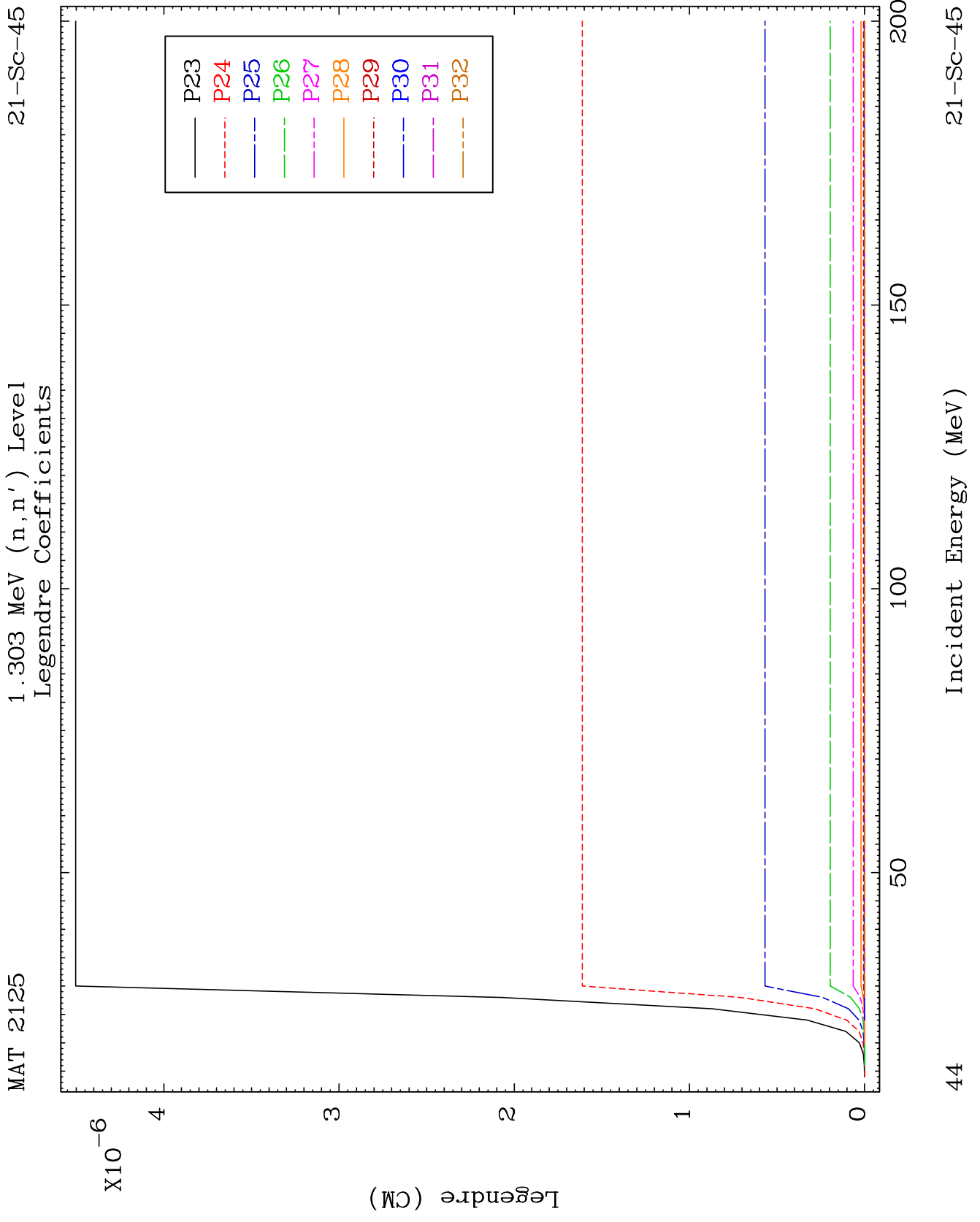
21-Sc-45

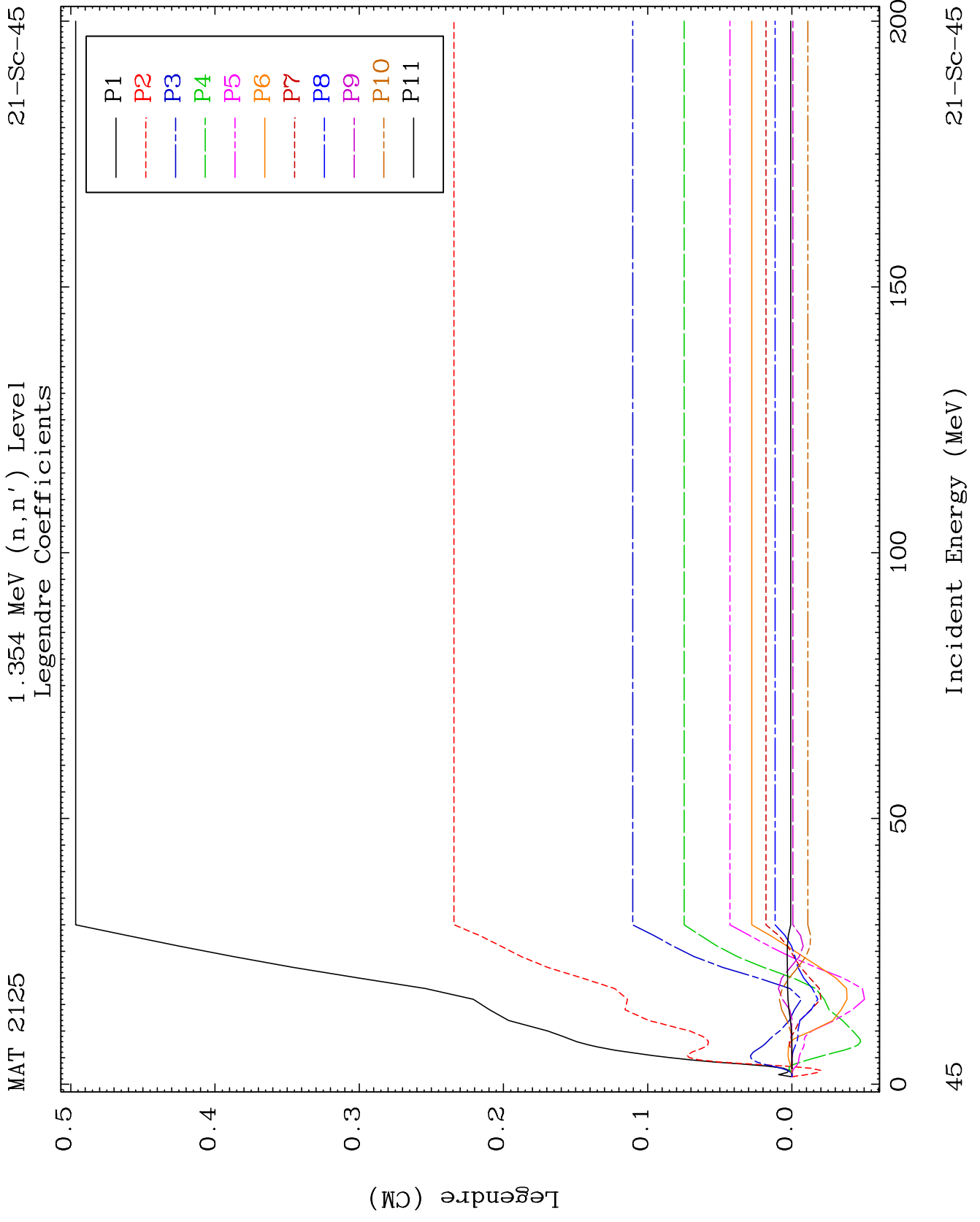


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Incident Energy (MeV)

21-Sc-45

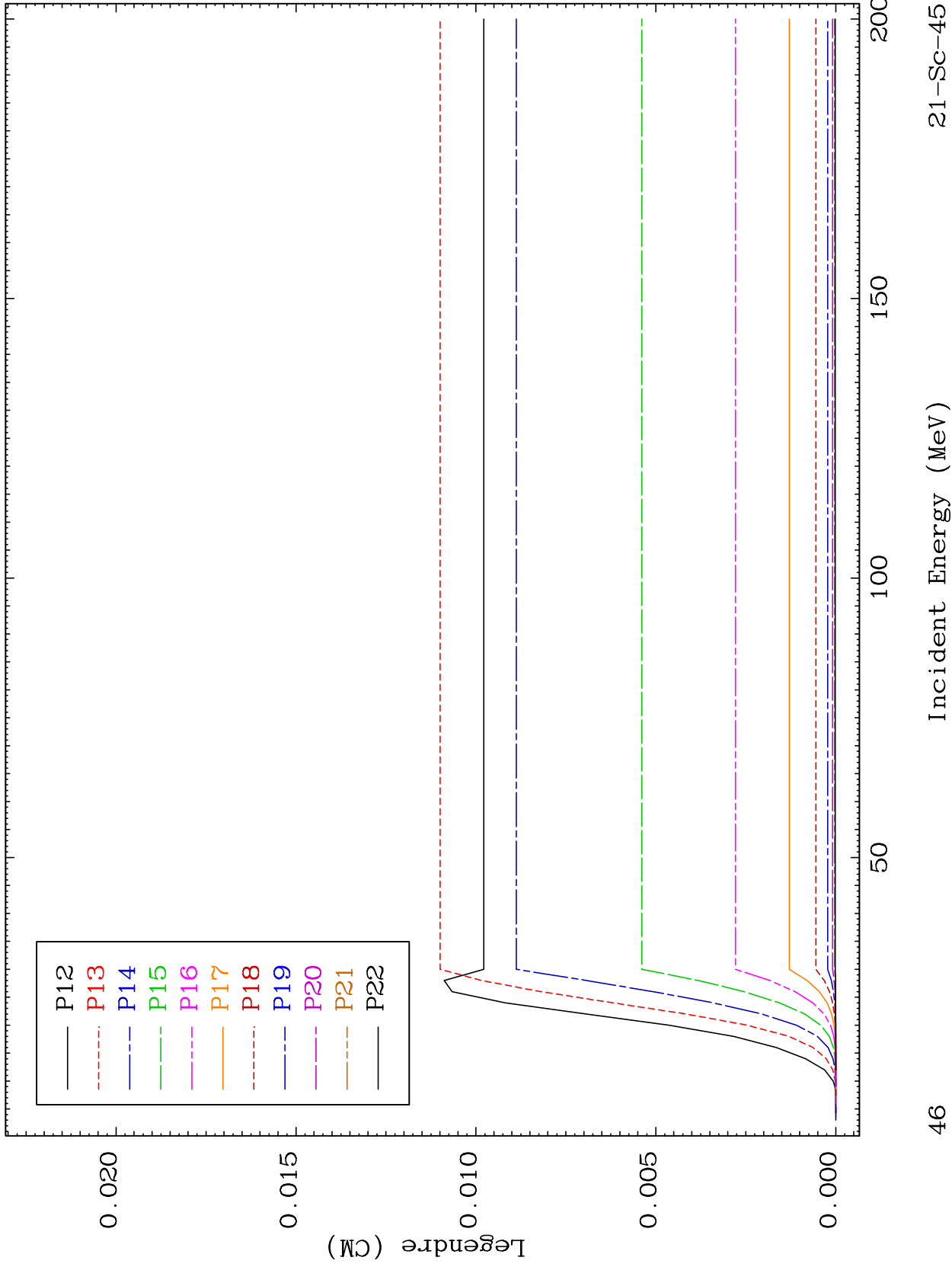




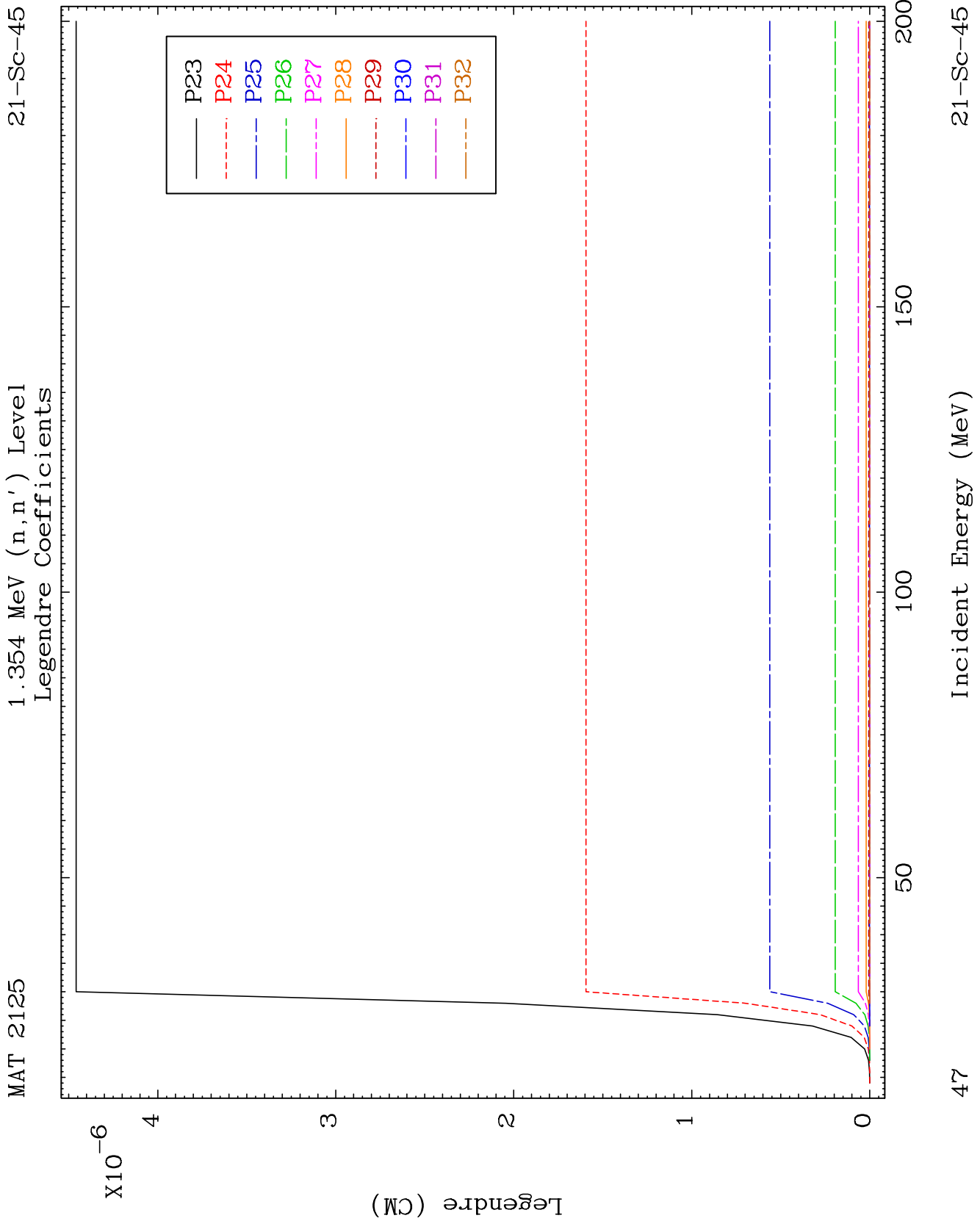
MAT 2125

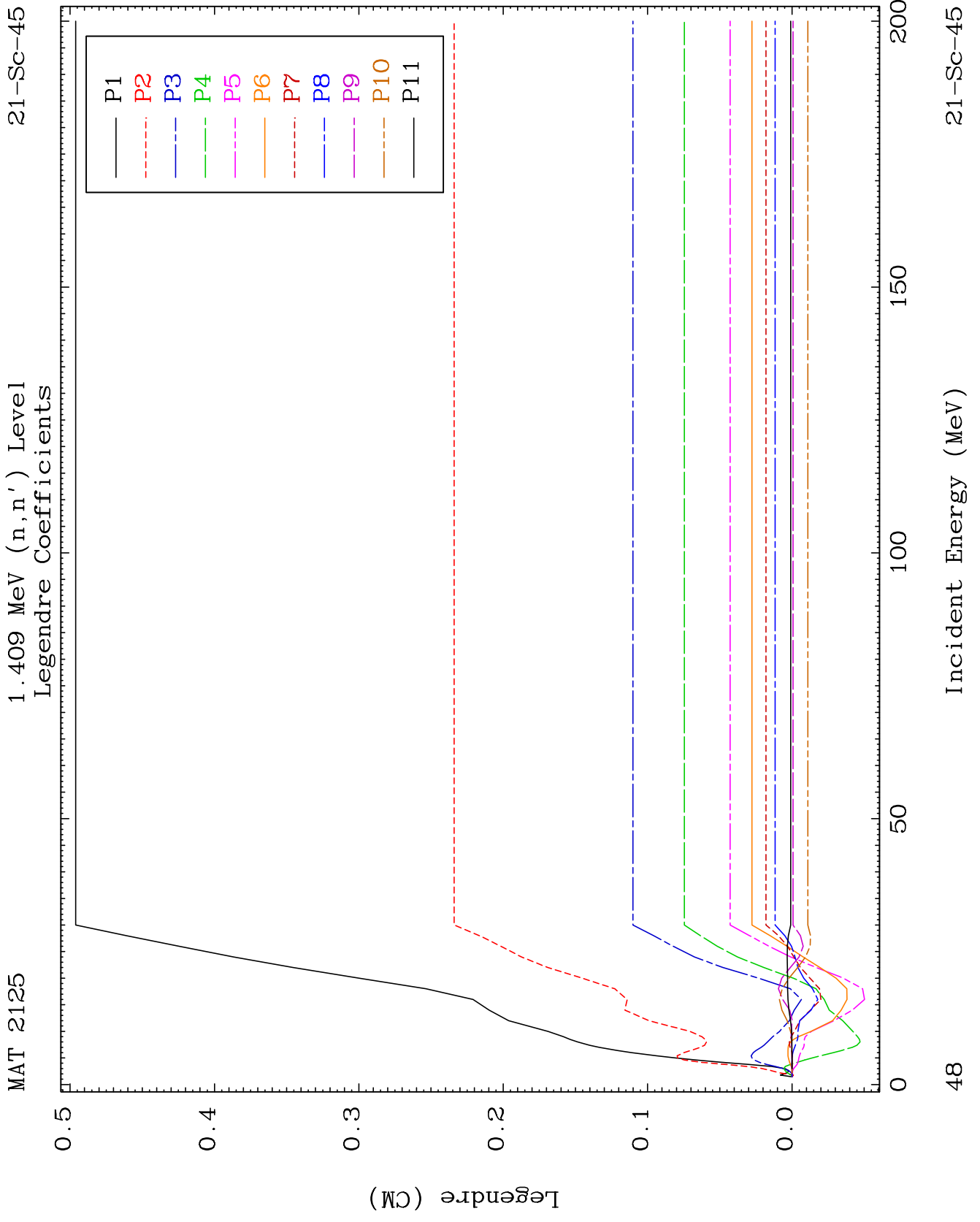
1.354 MeV (n,n') Level
Legendre Coefficients

21-Sc-45



46

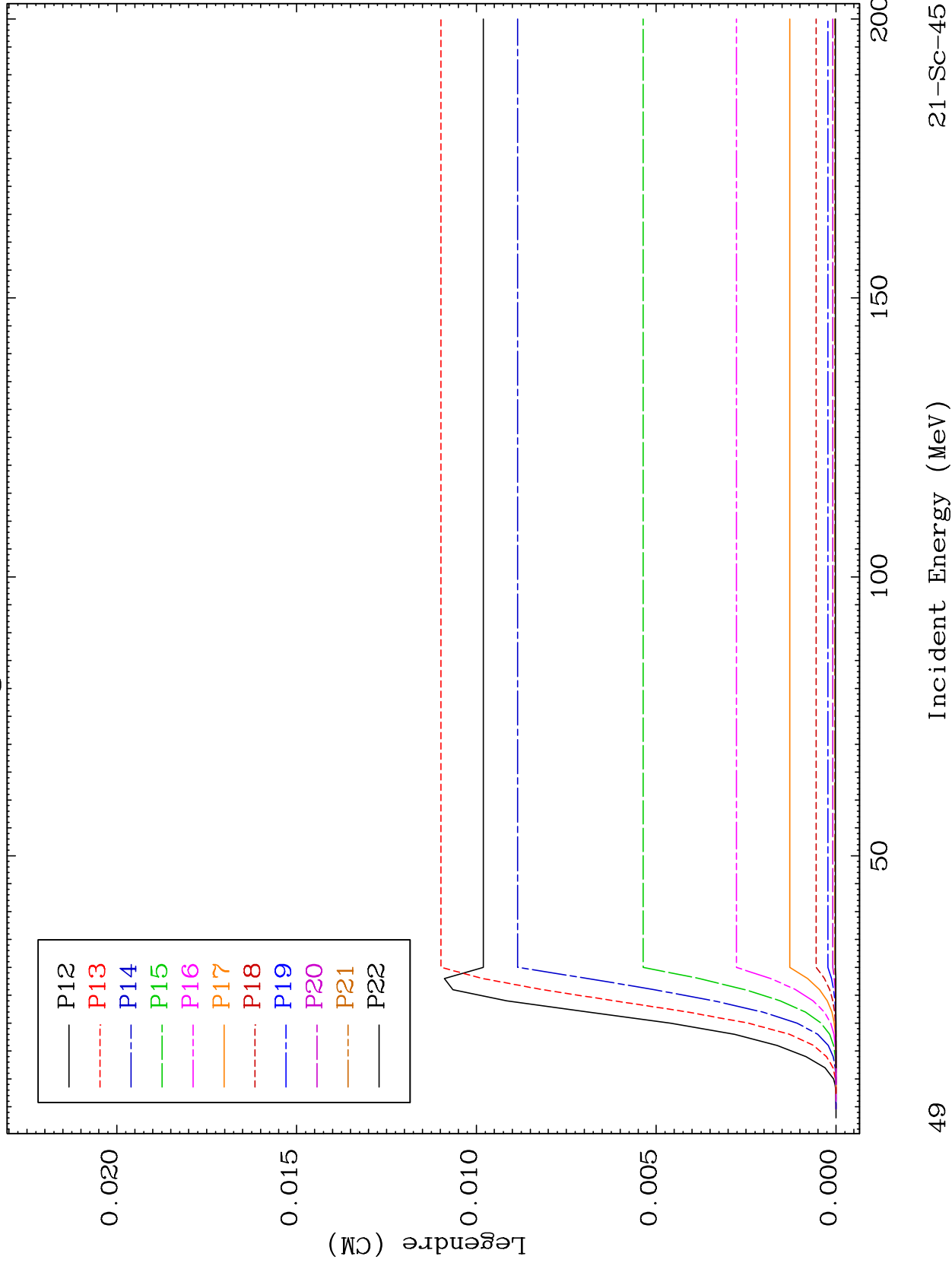




MAT 2125

1.409 MeV (n,n') Level
Legendre Coefficients

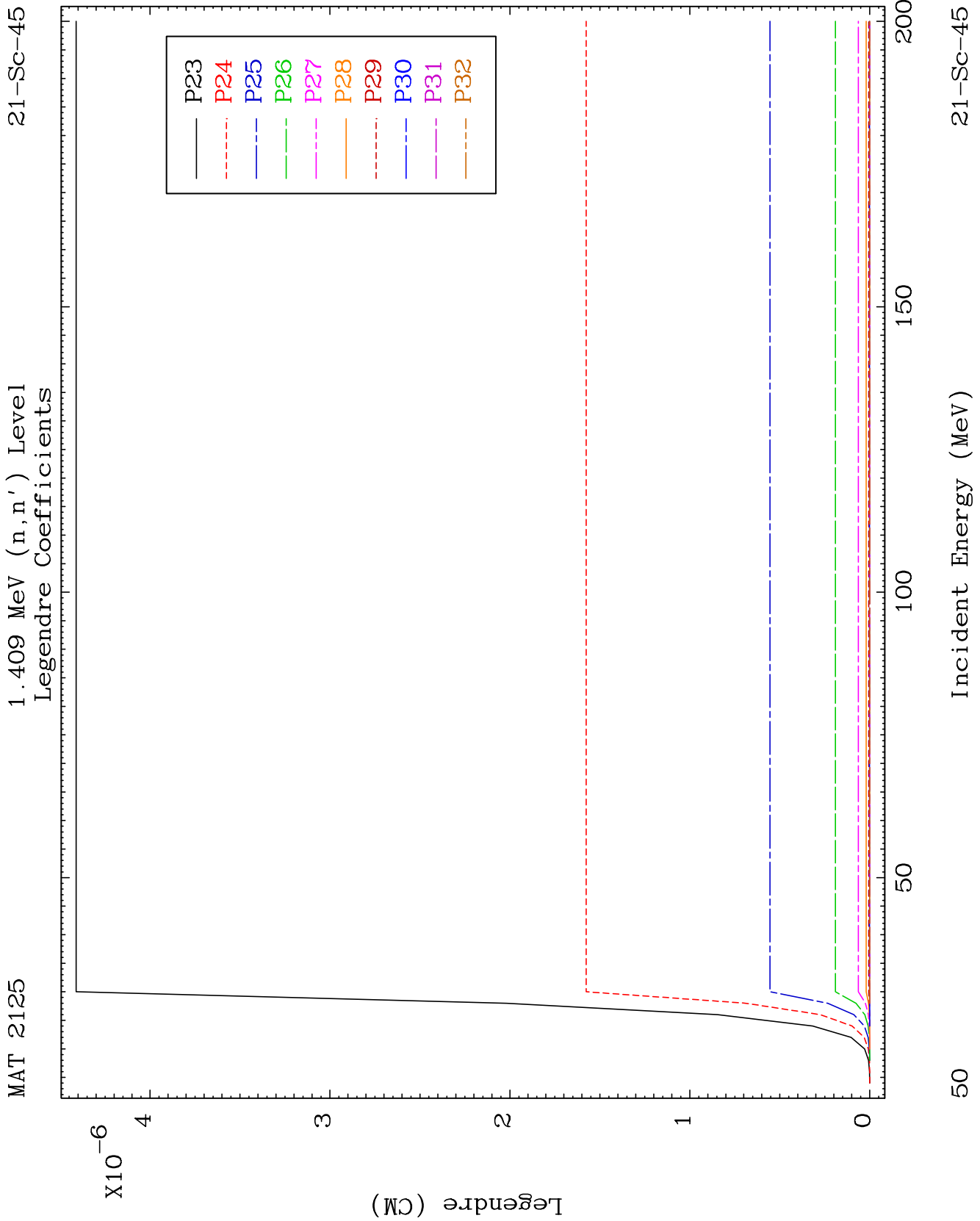
21-Sc-45

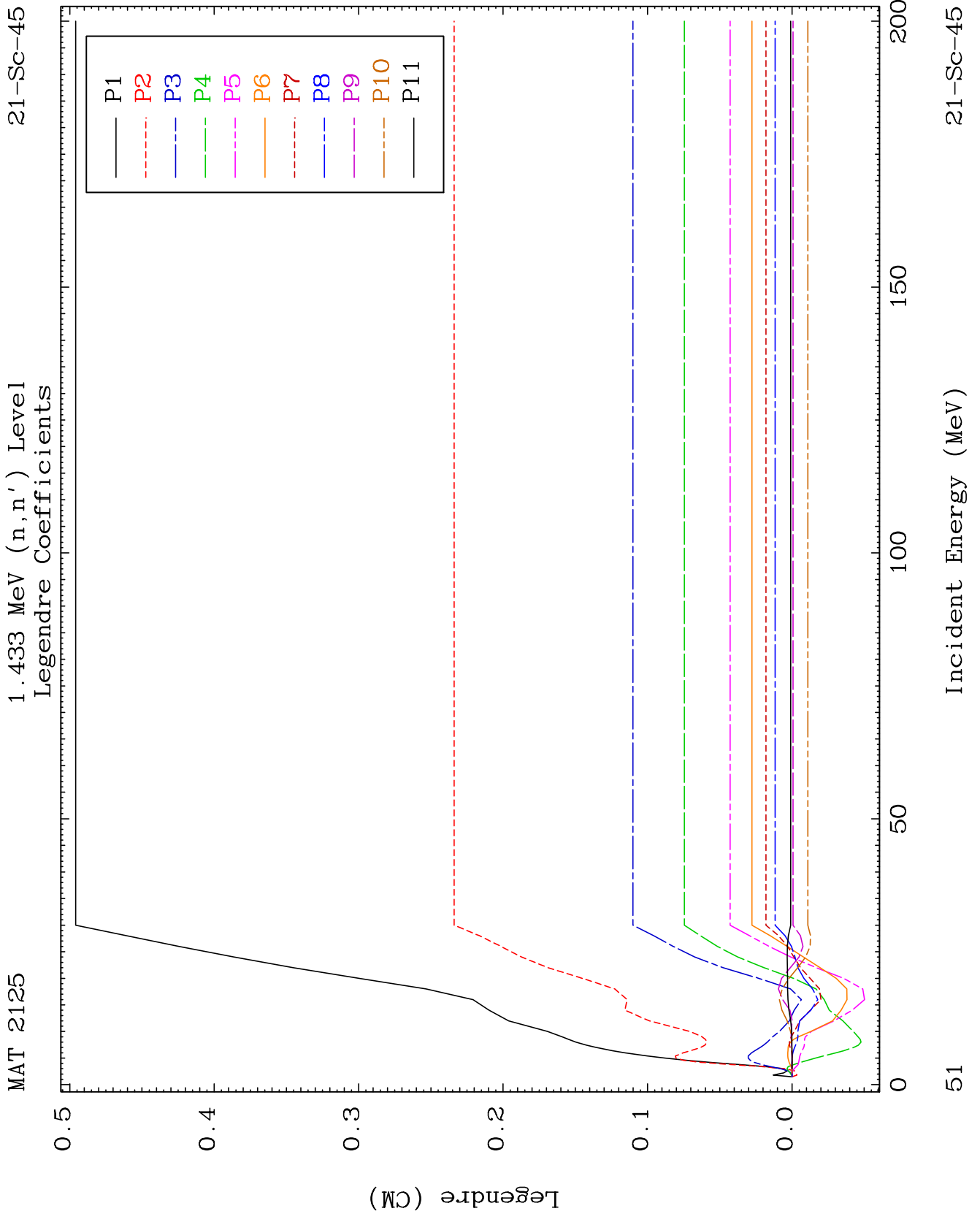


49

Incident Energy (MeV)

21-Sc-45

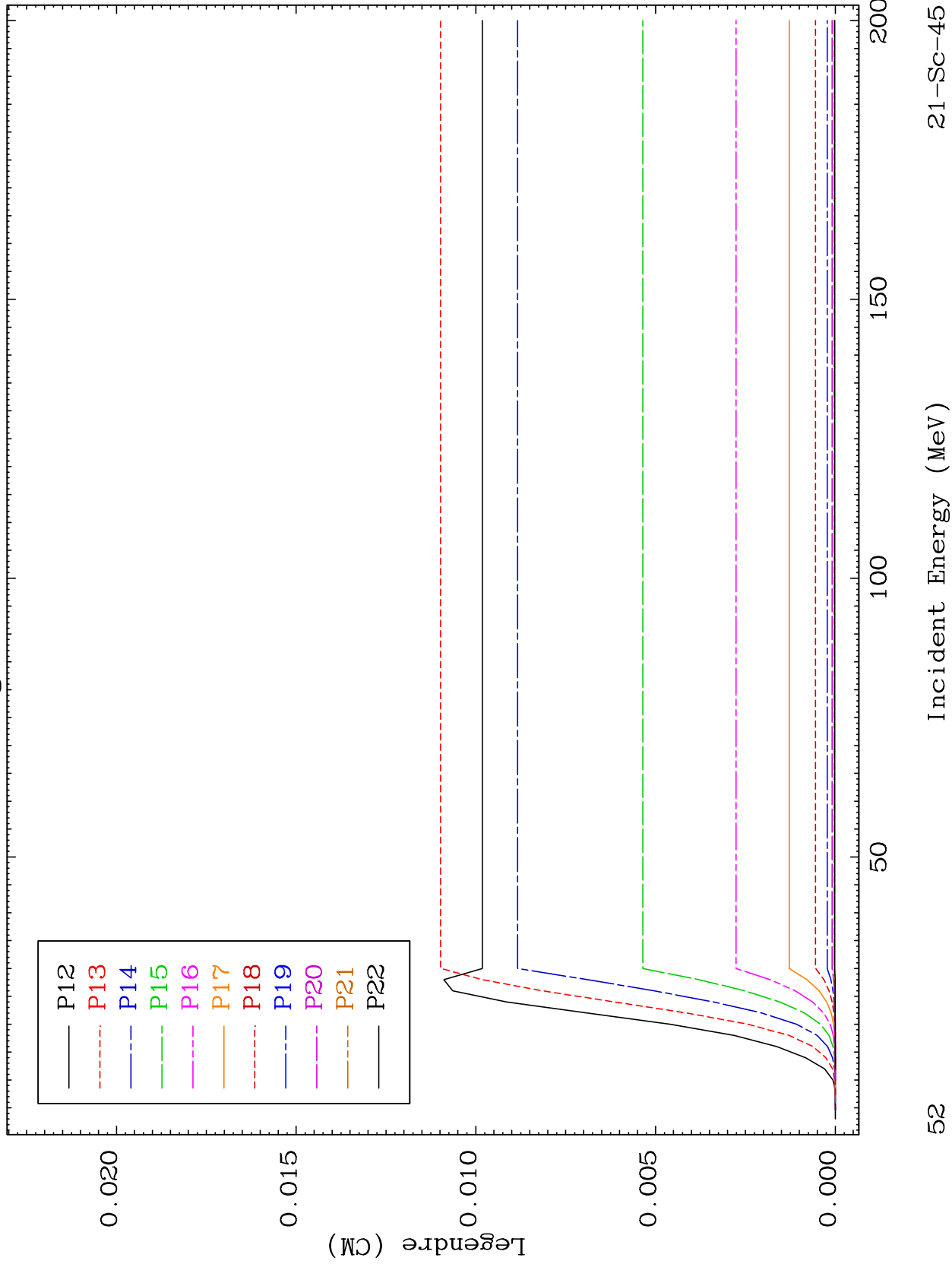




MAT 2125

1.433 MeV (n,n') Level
Legendre Coefficients

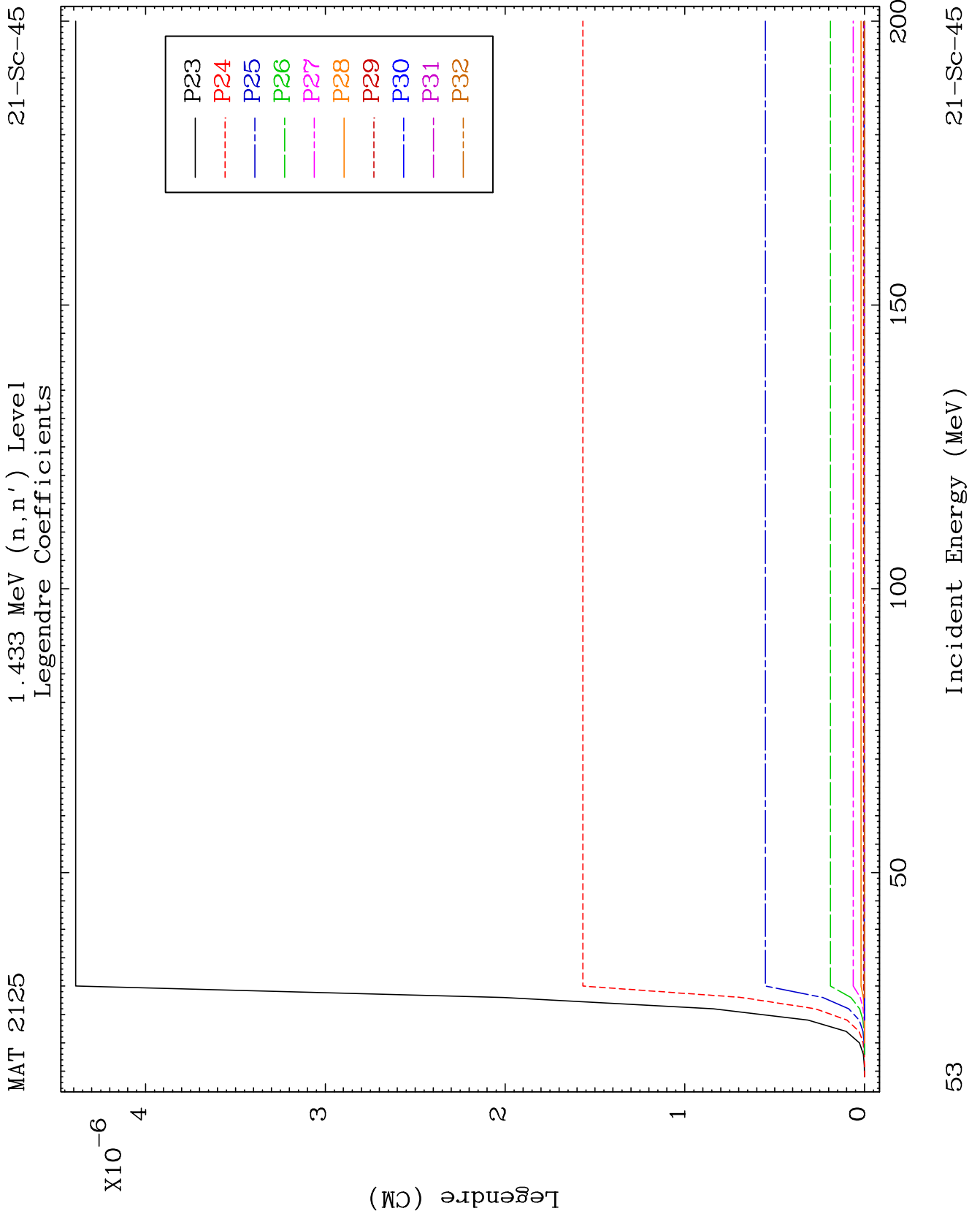
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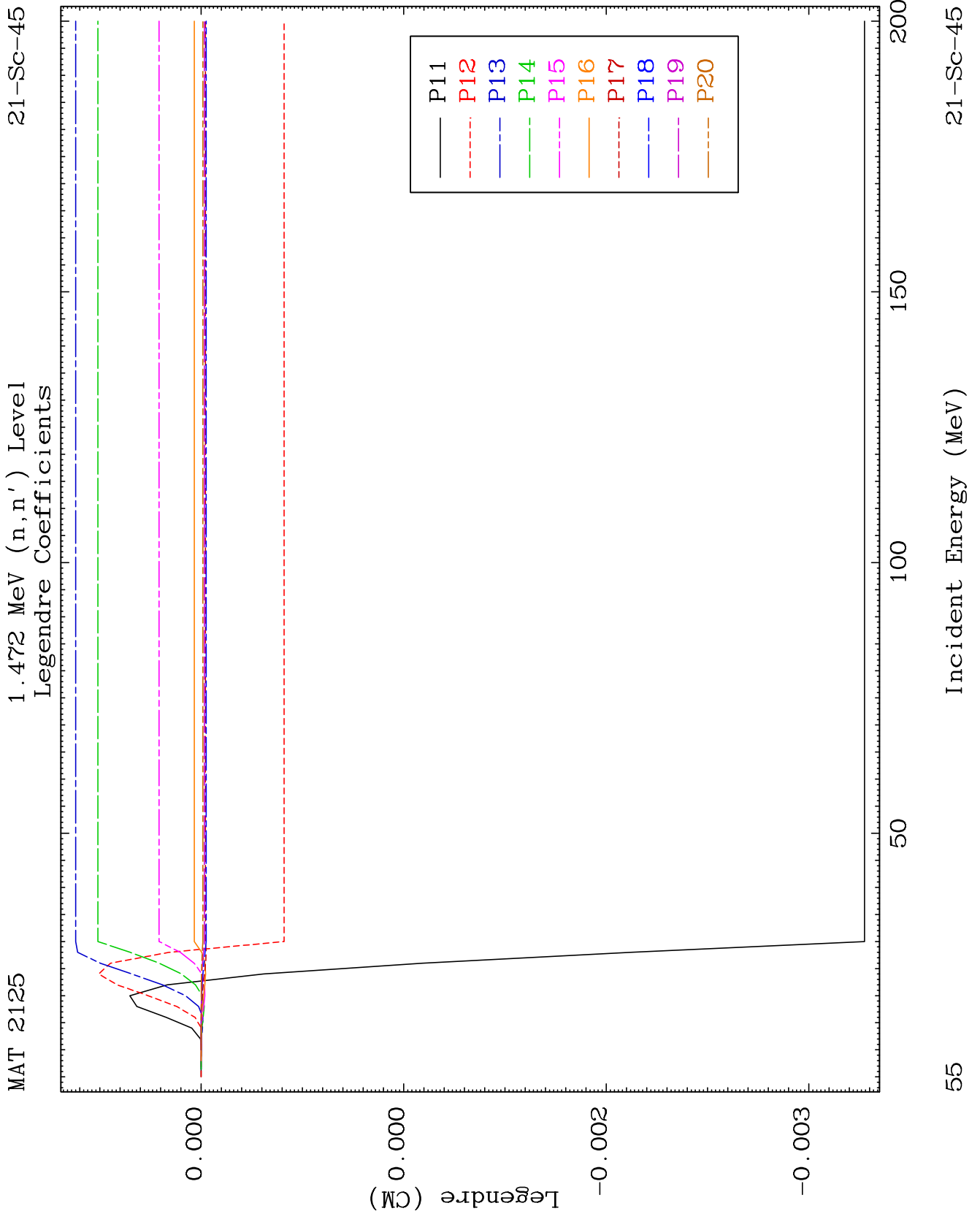


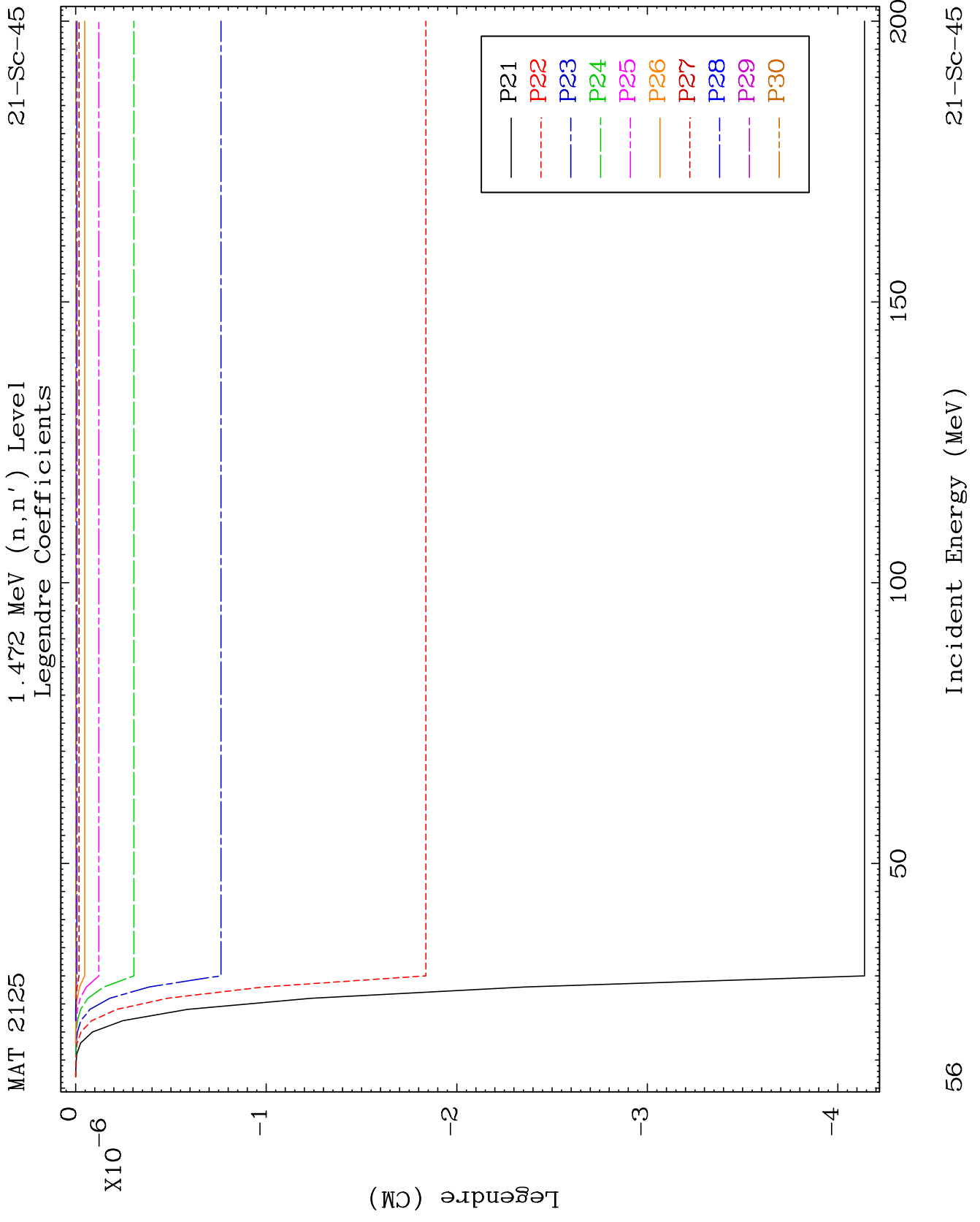
52

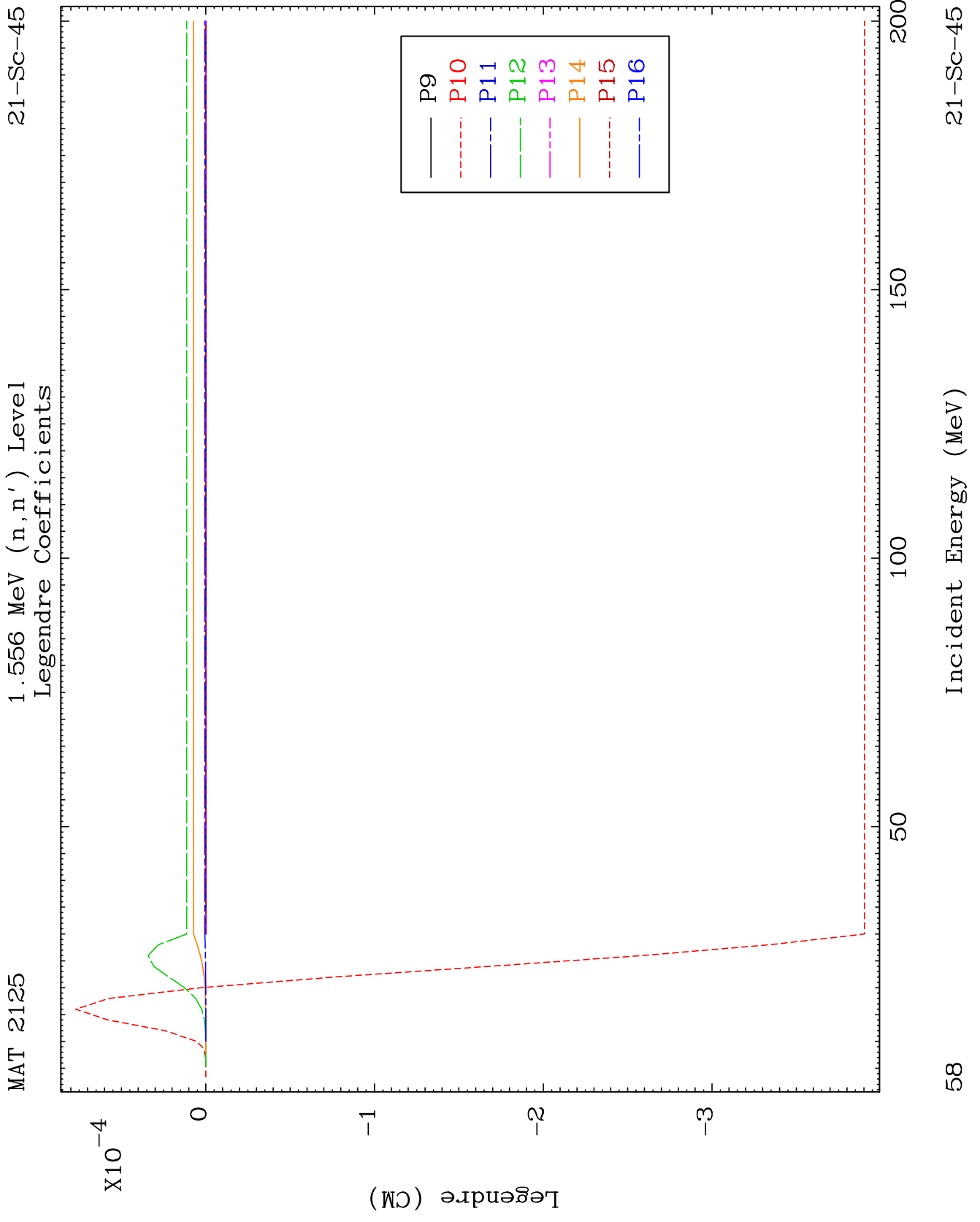
Incident Energy (MeV)

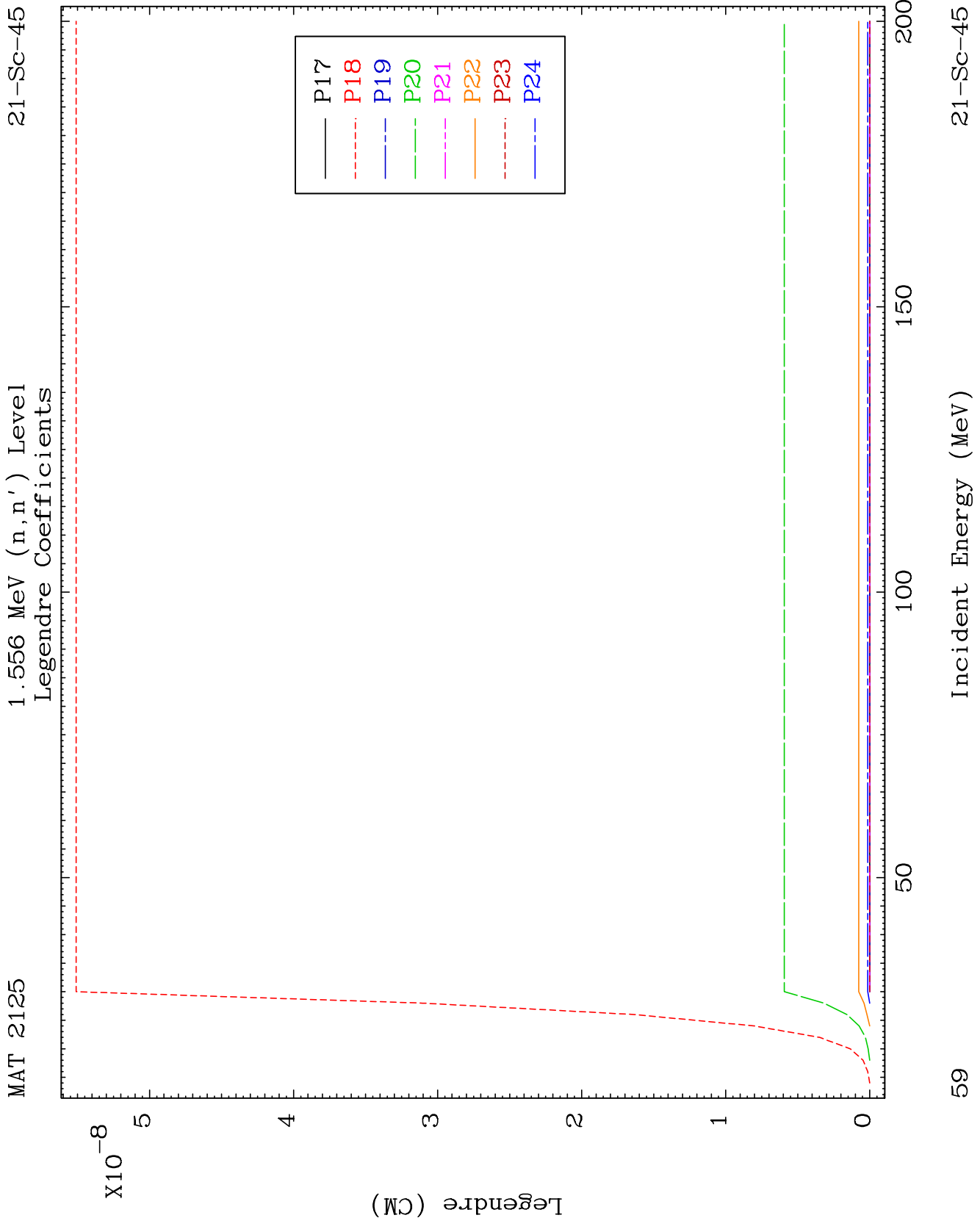
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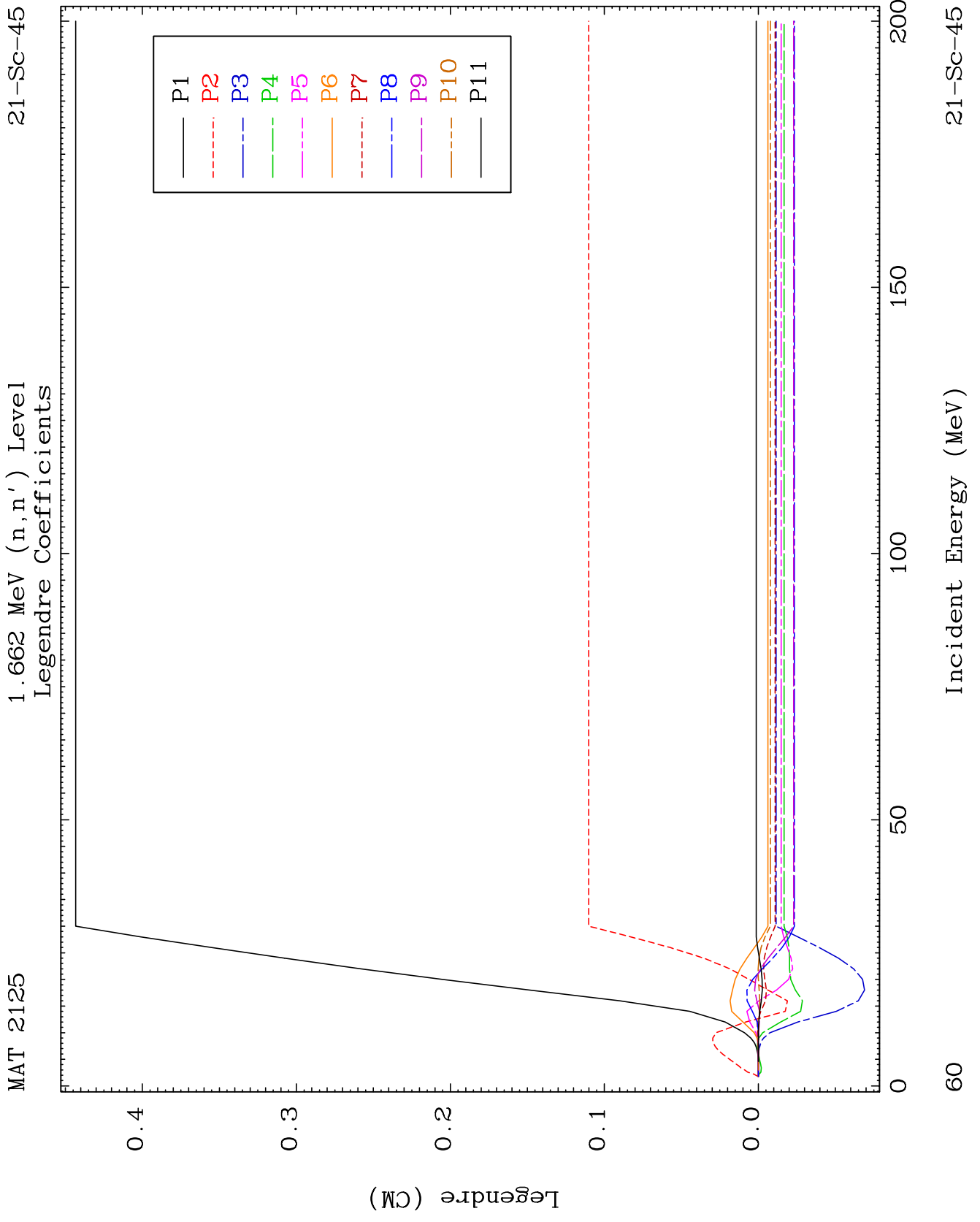


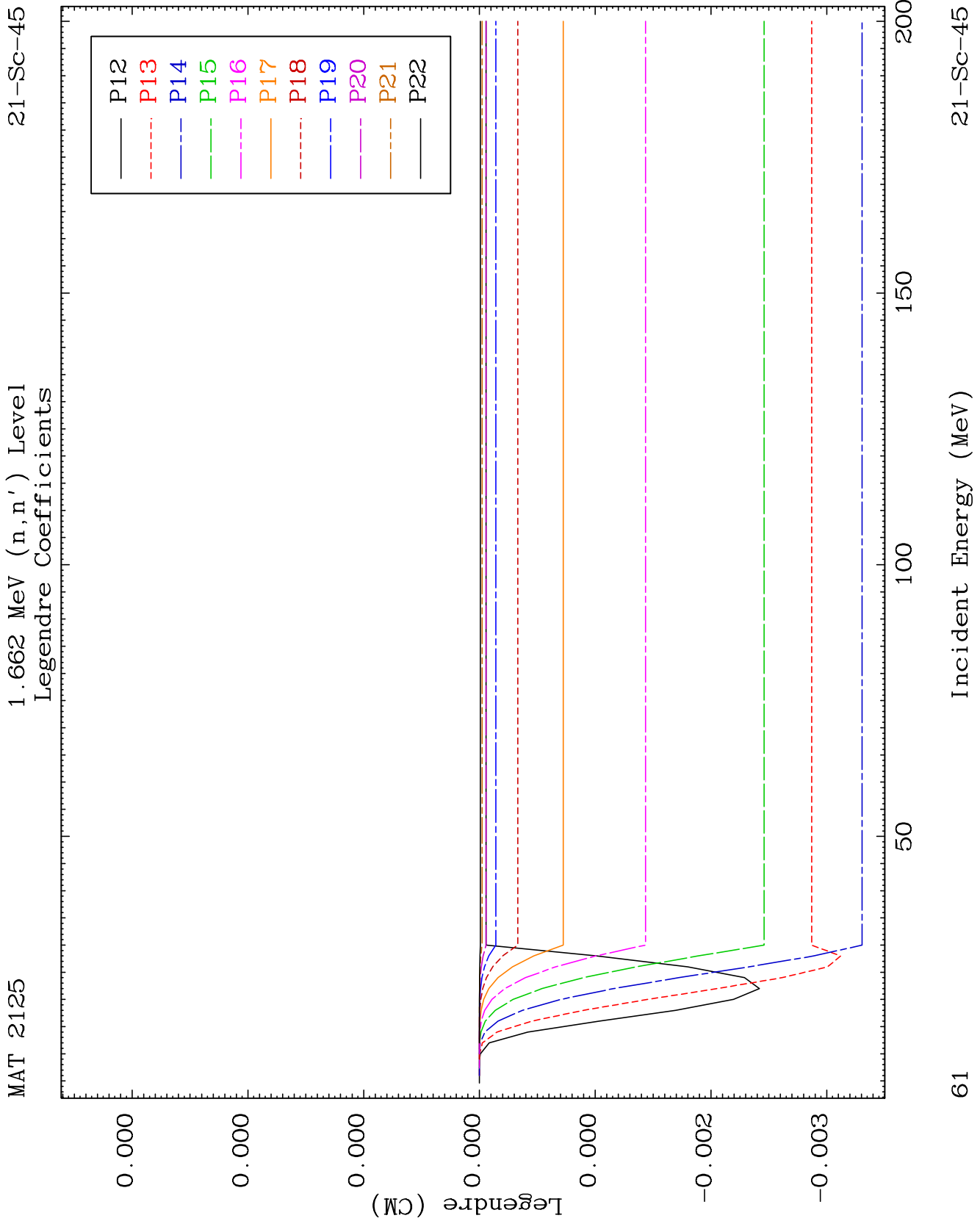


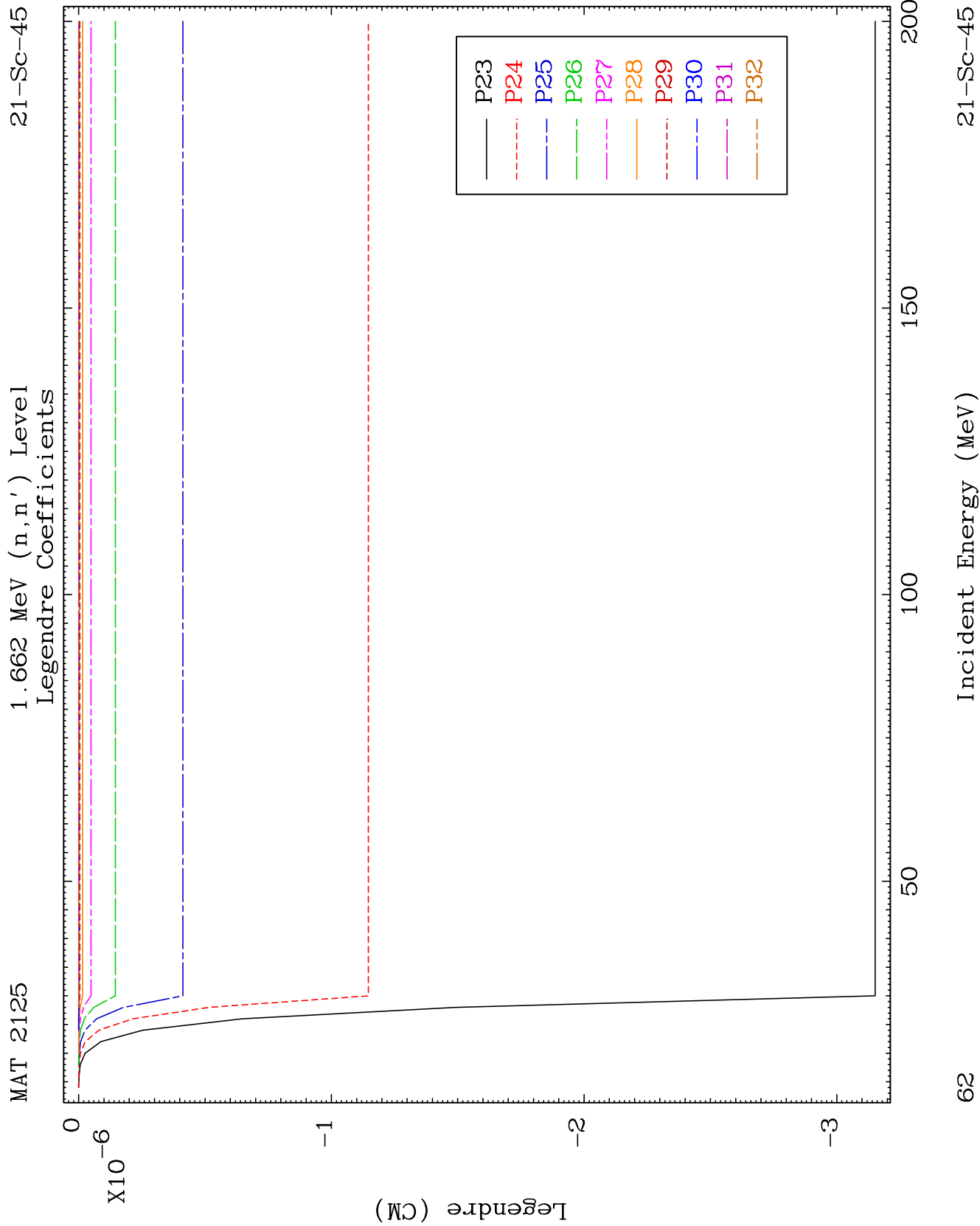


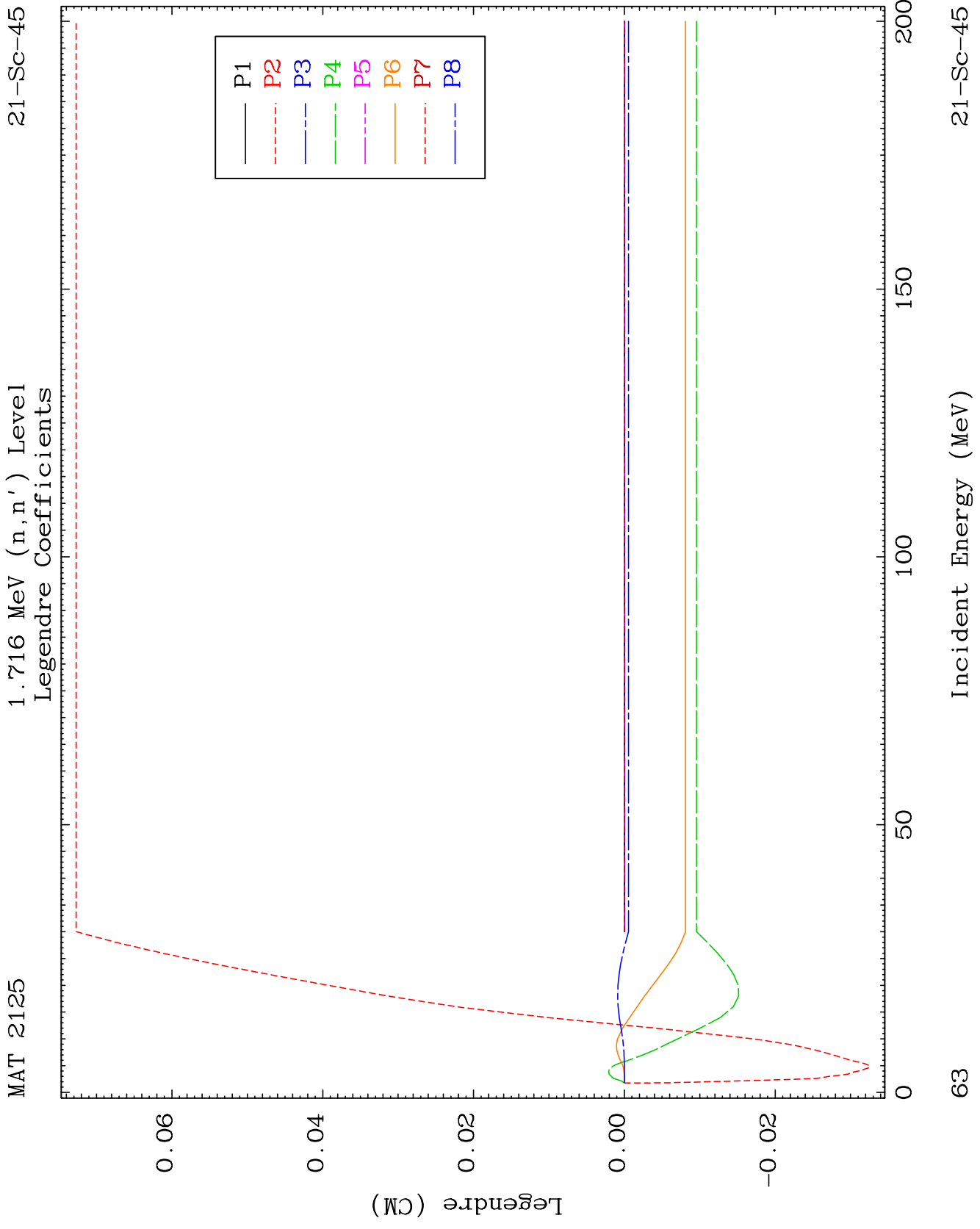


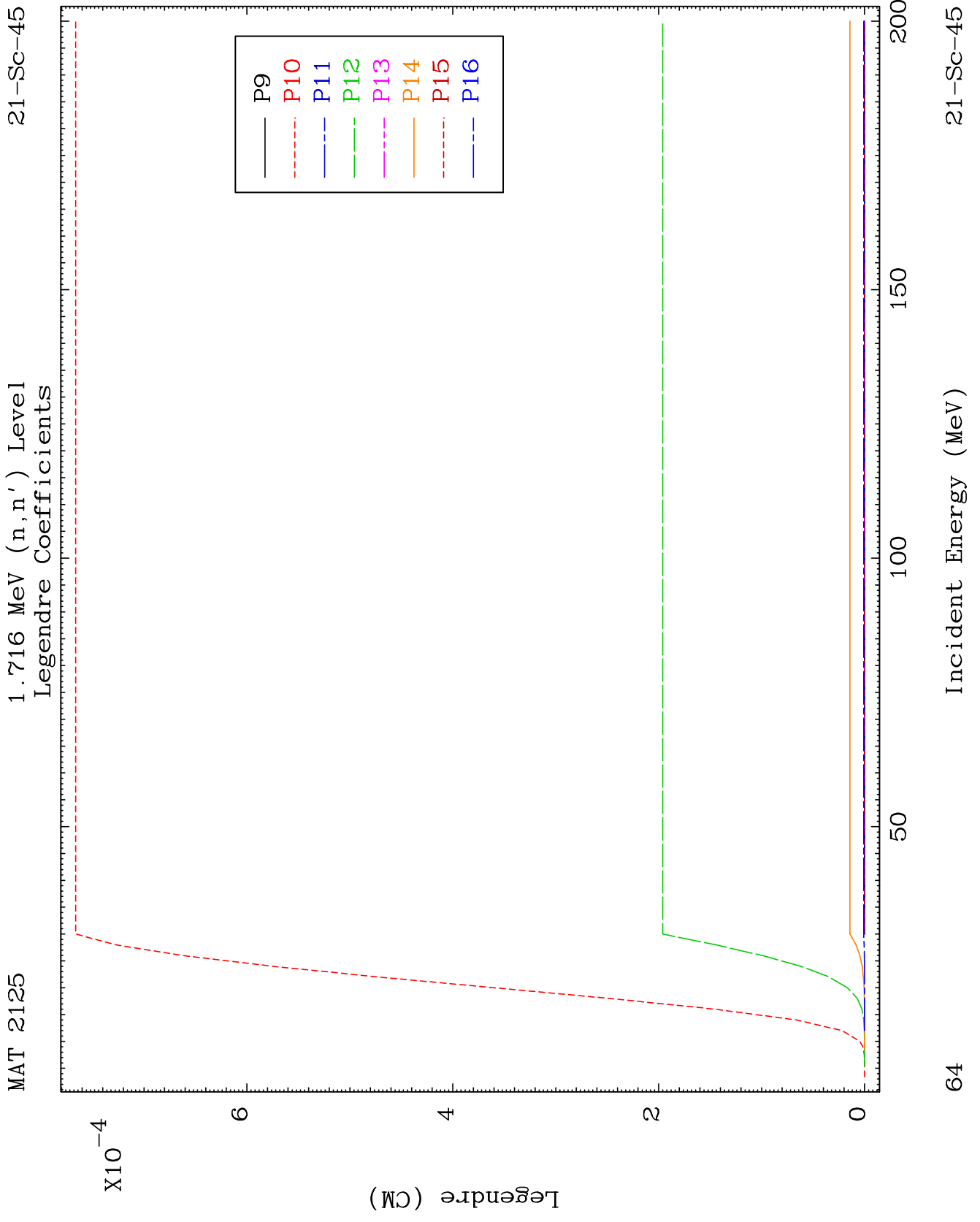


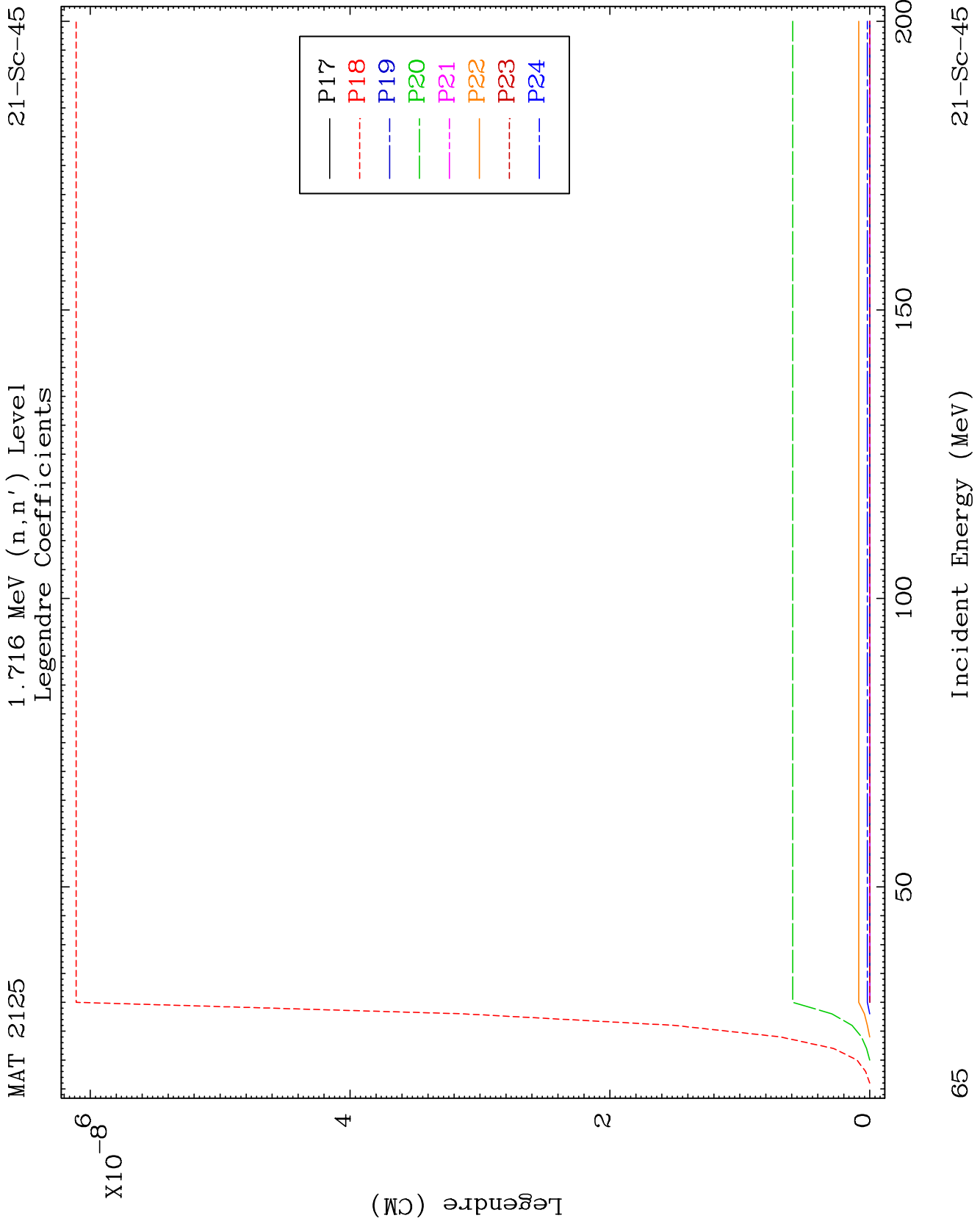


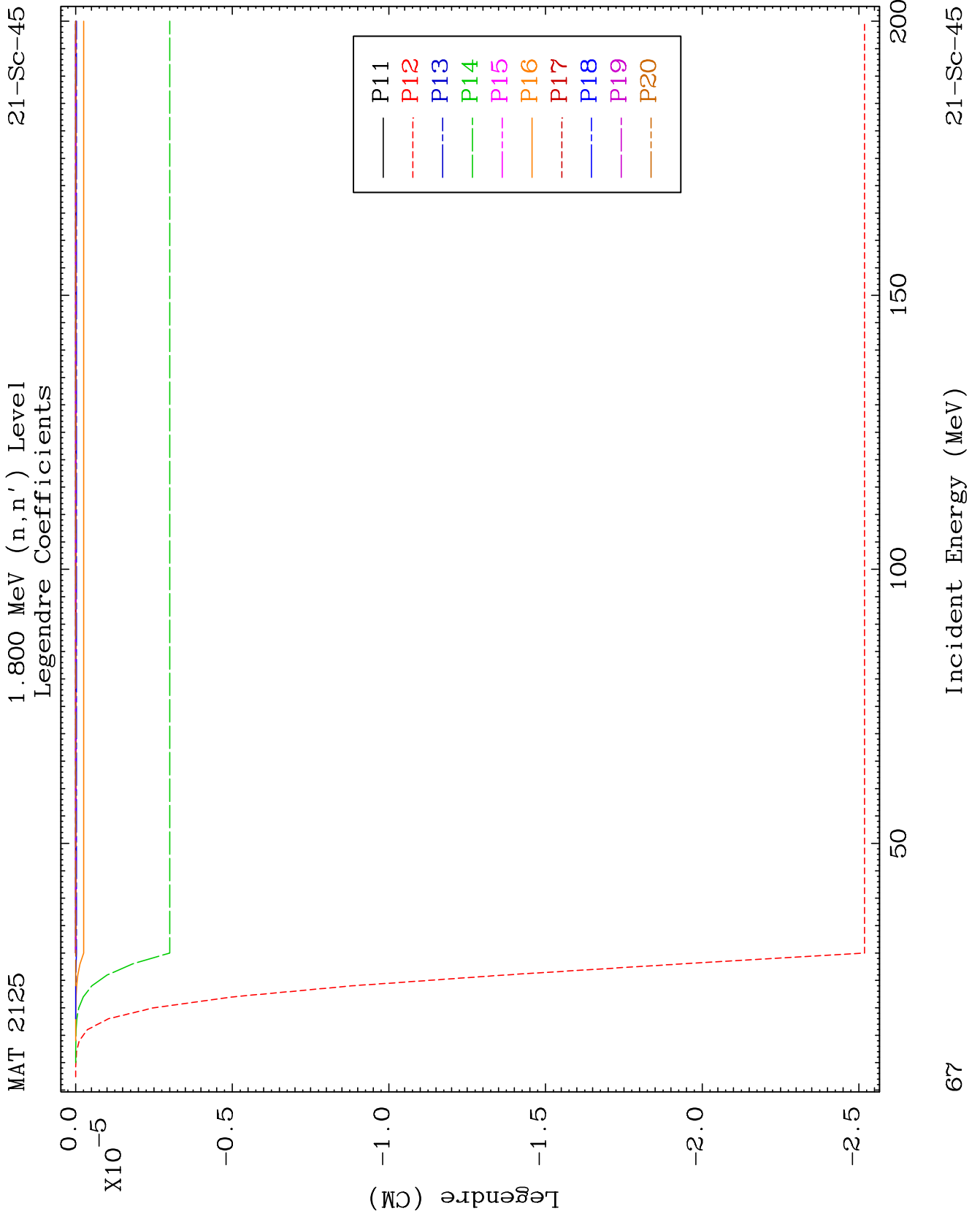


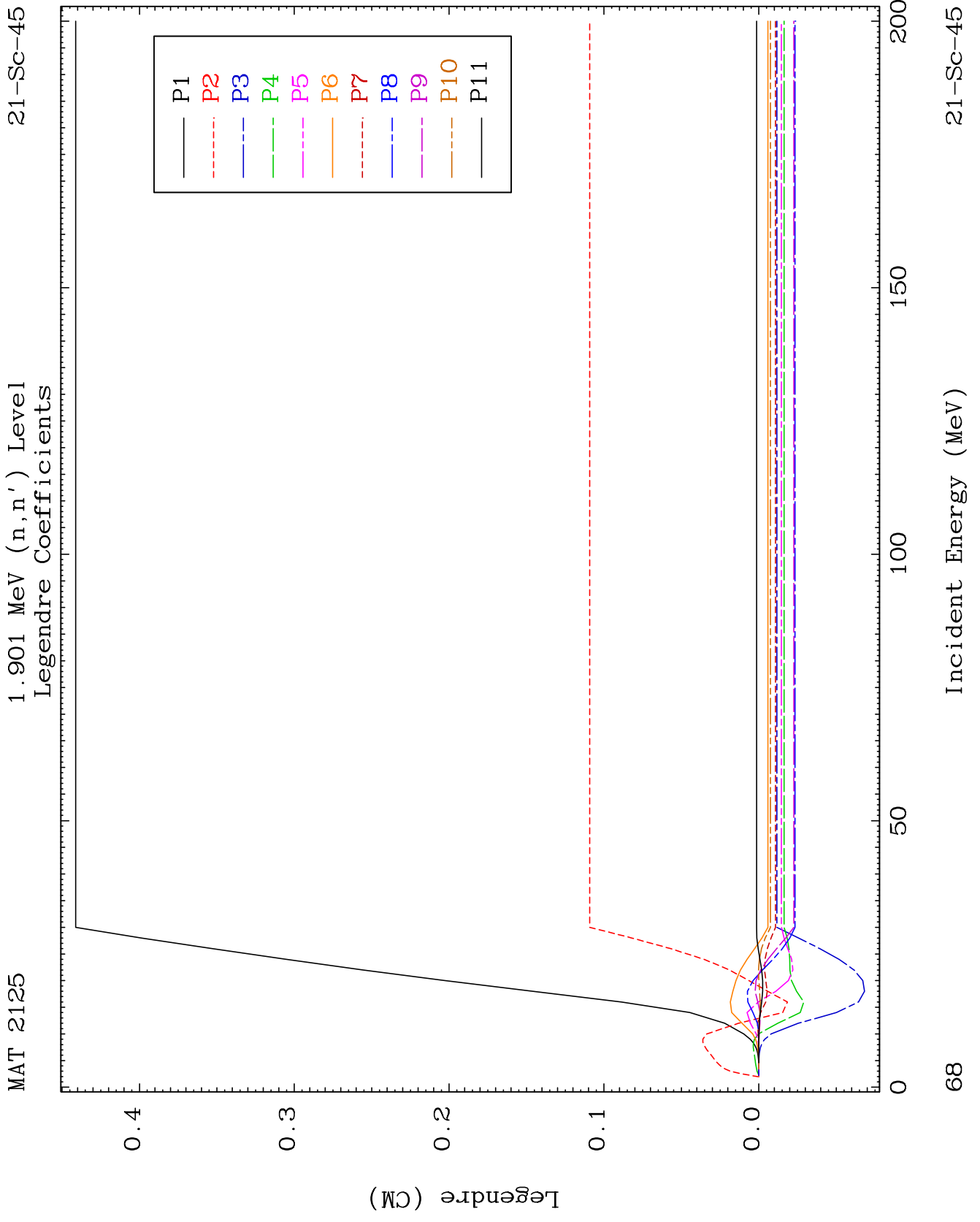


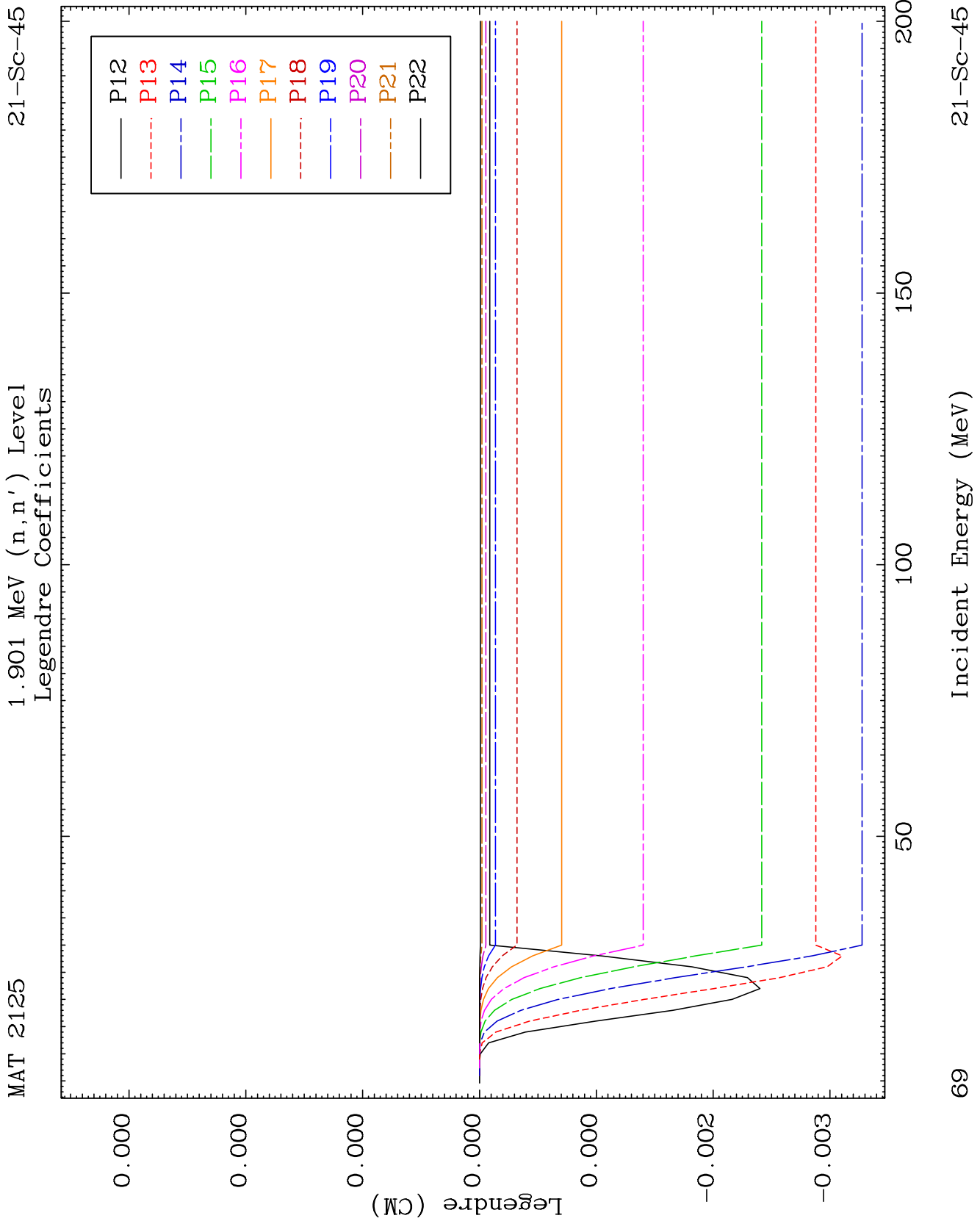


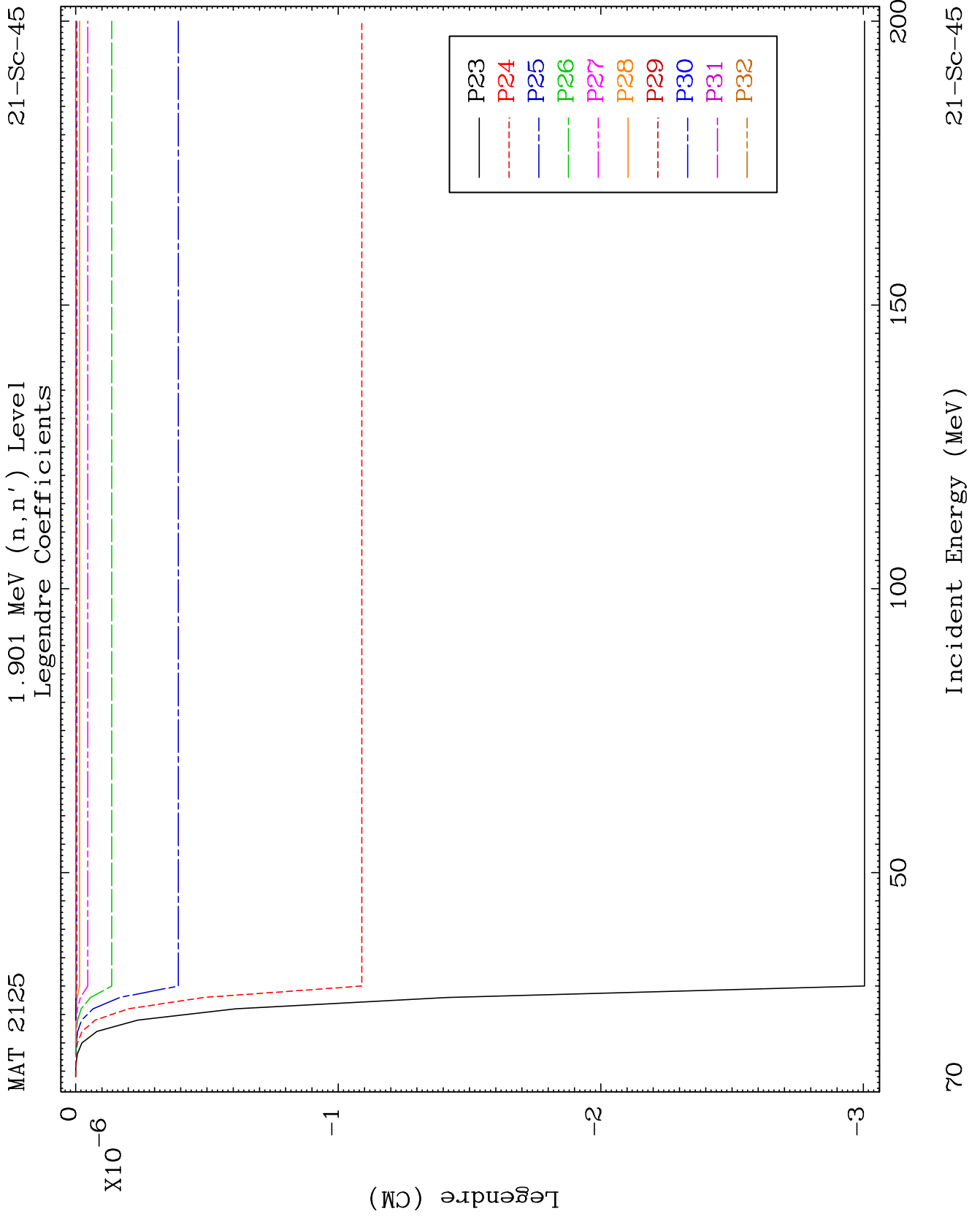


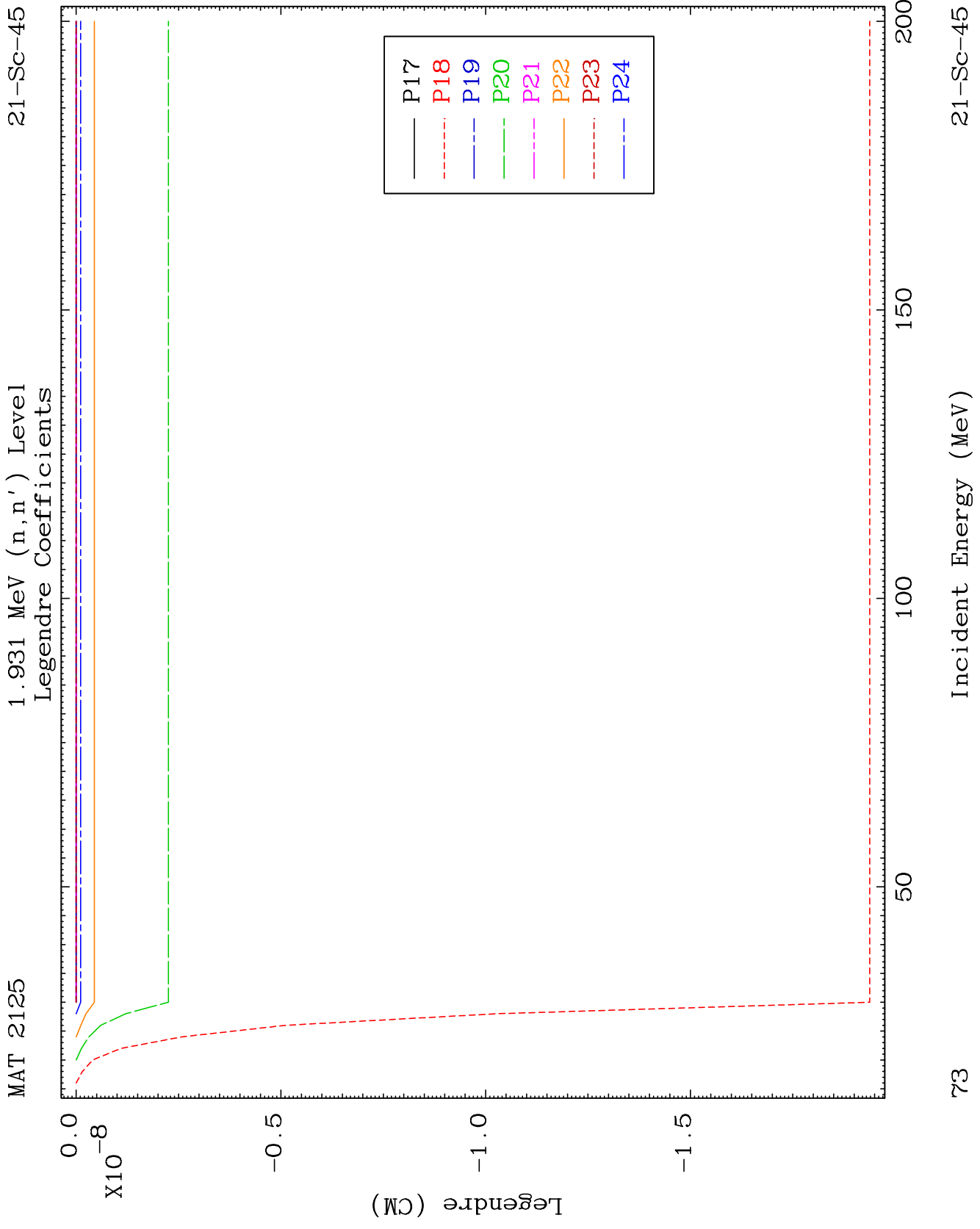


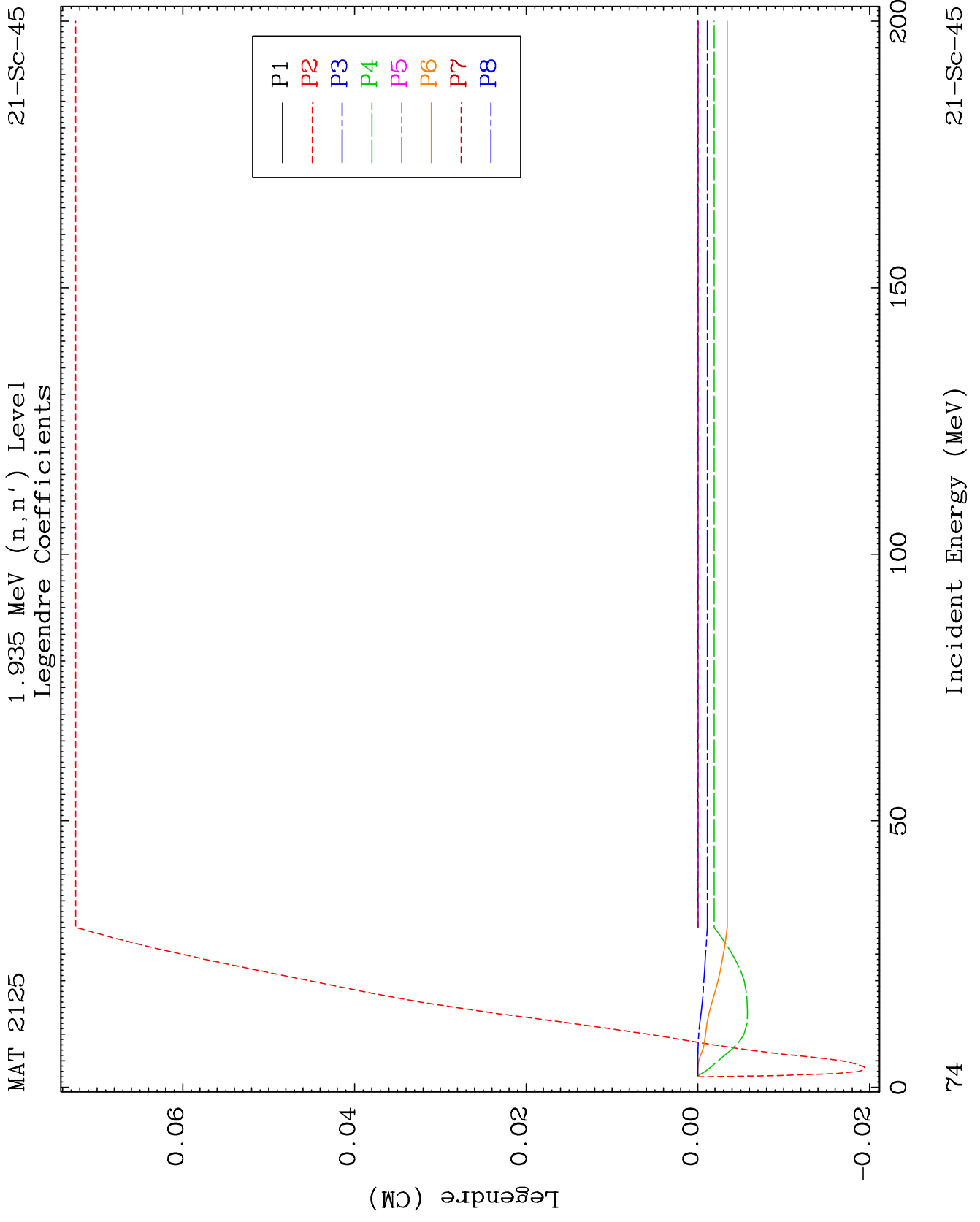


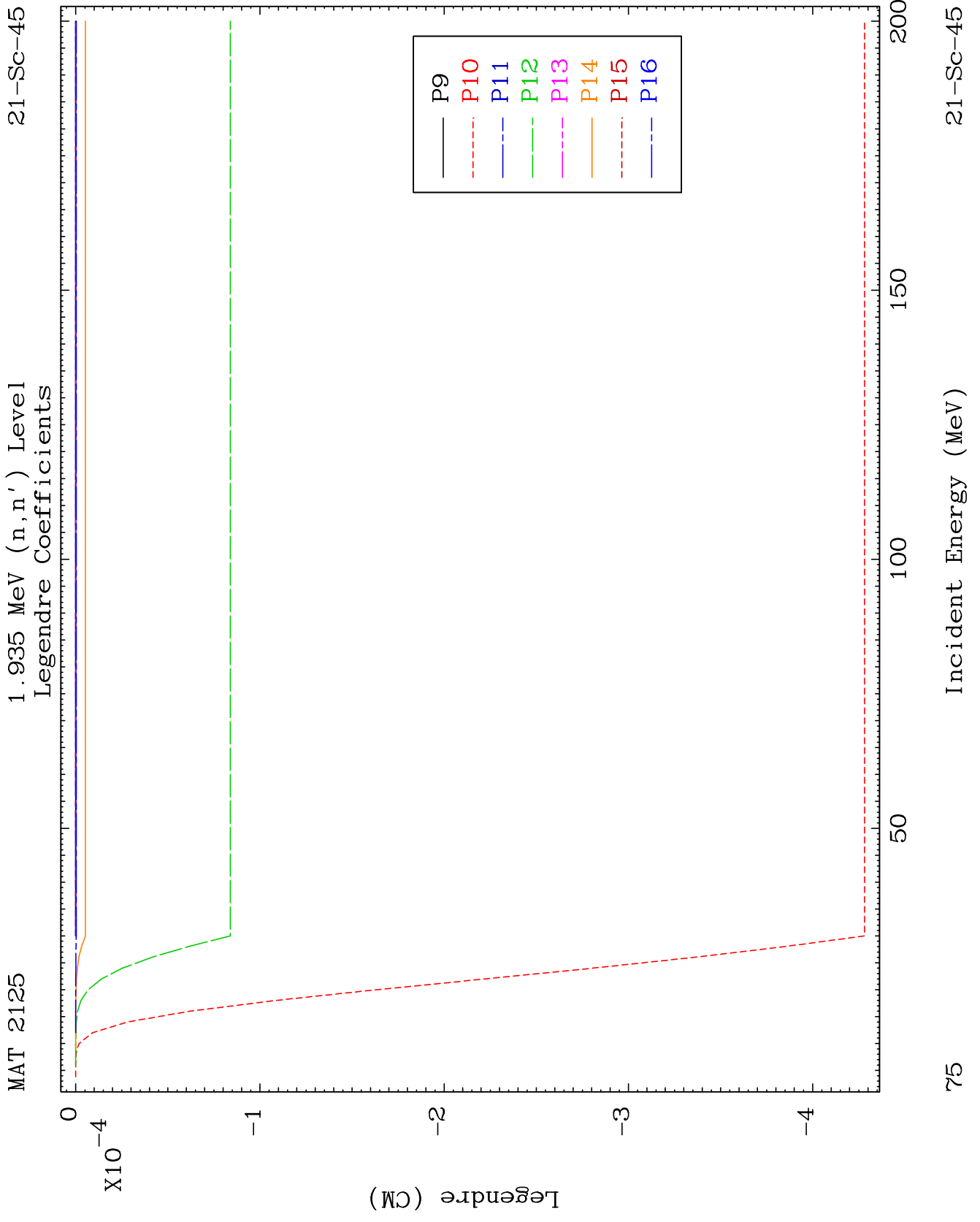


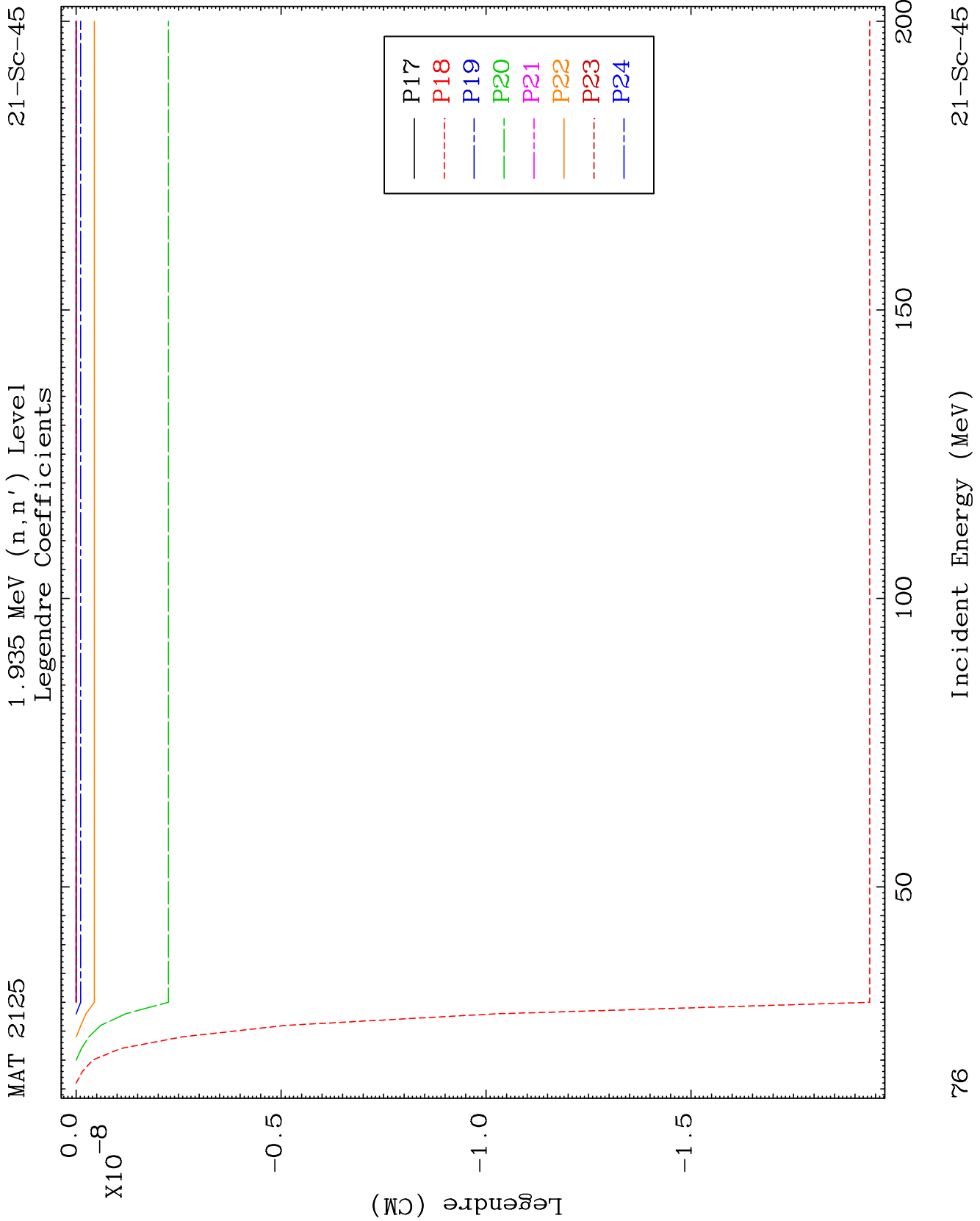


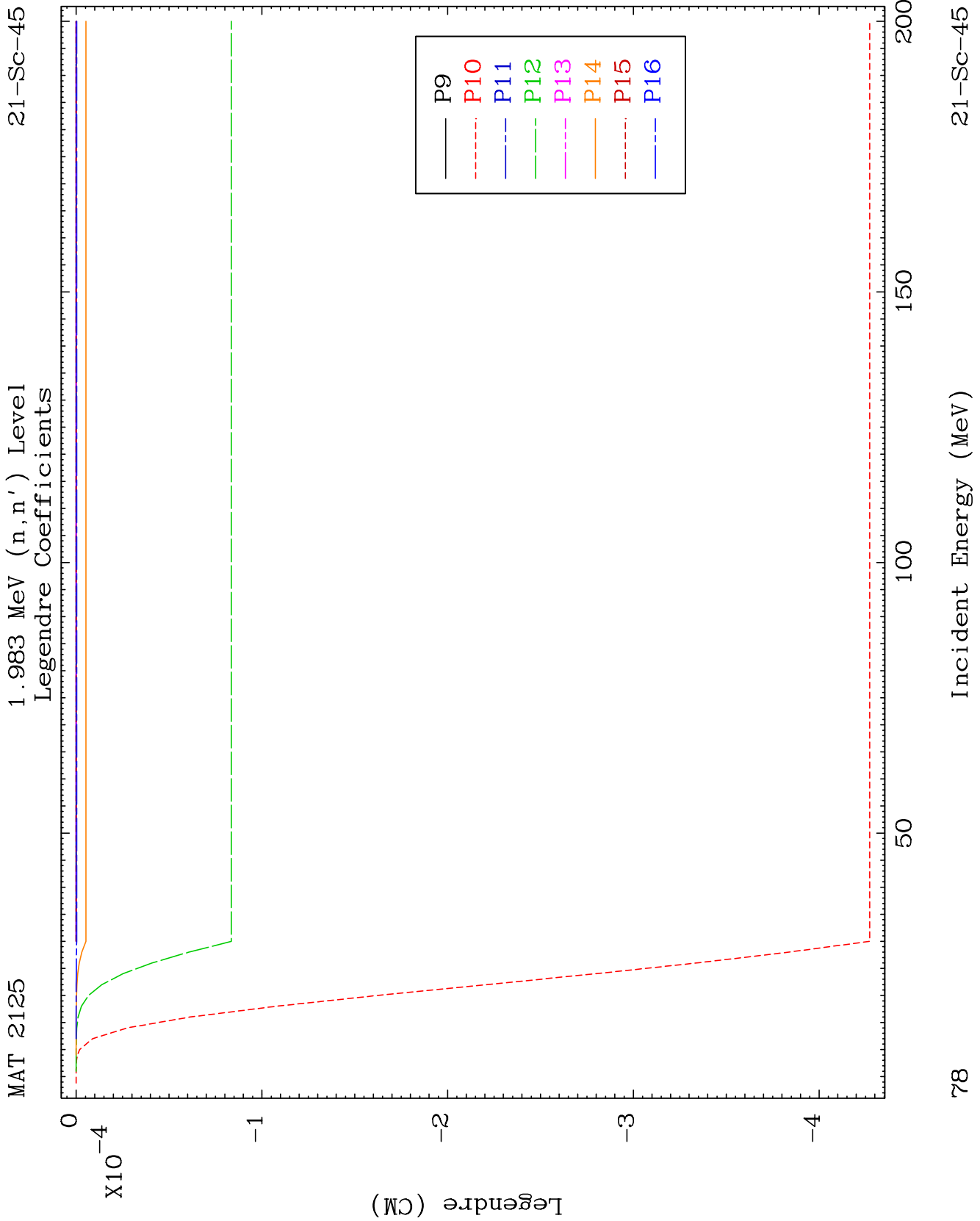


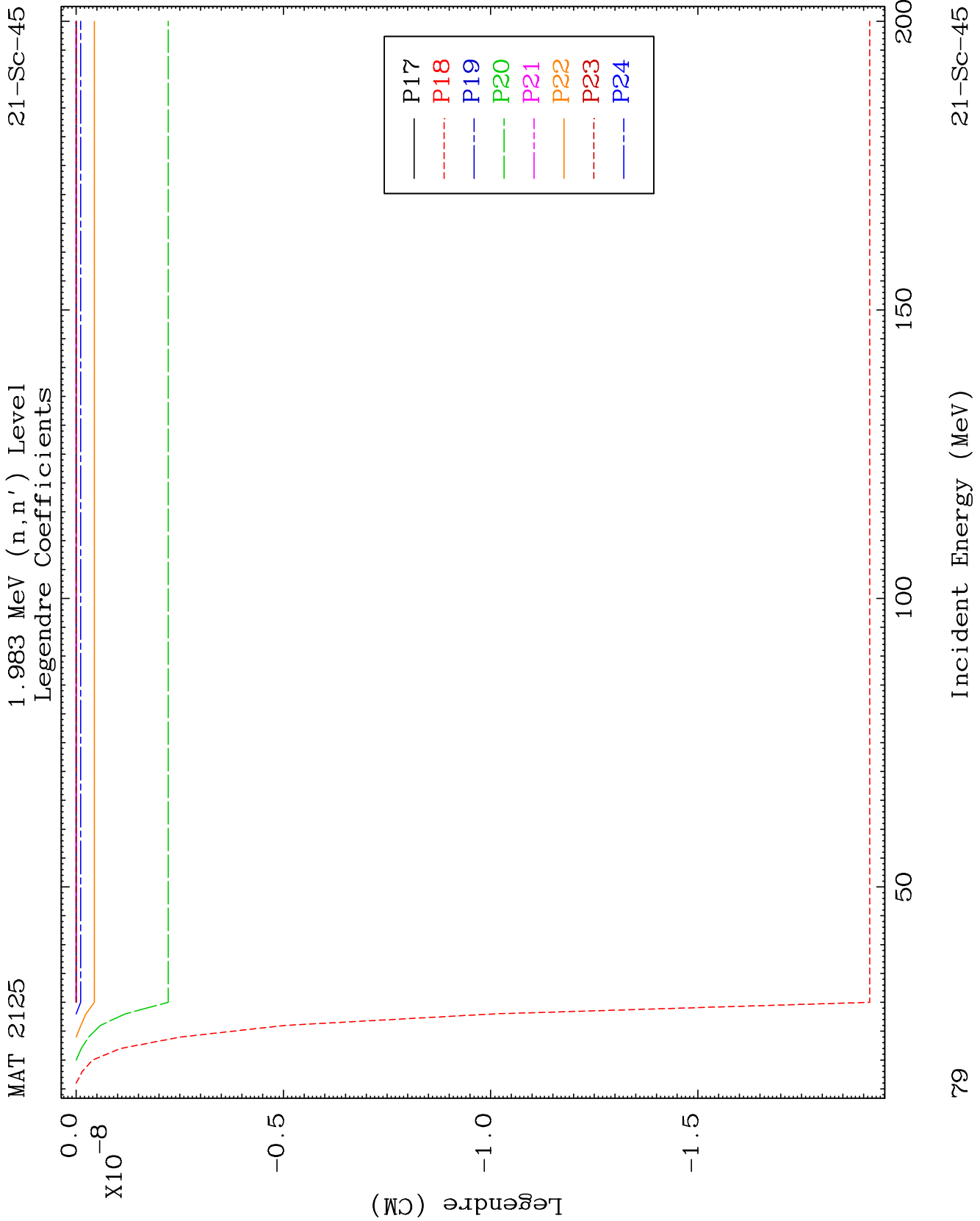


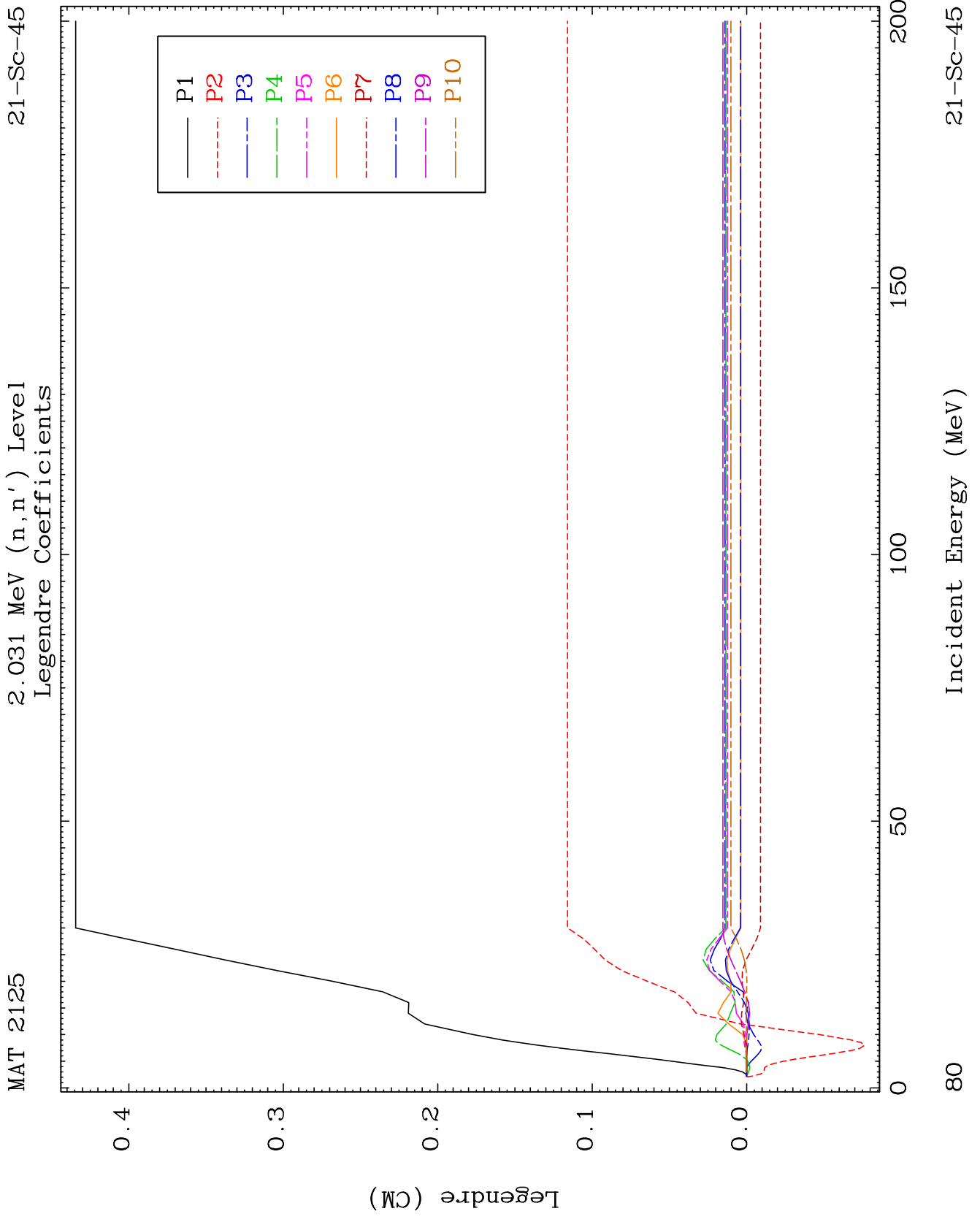








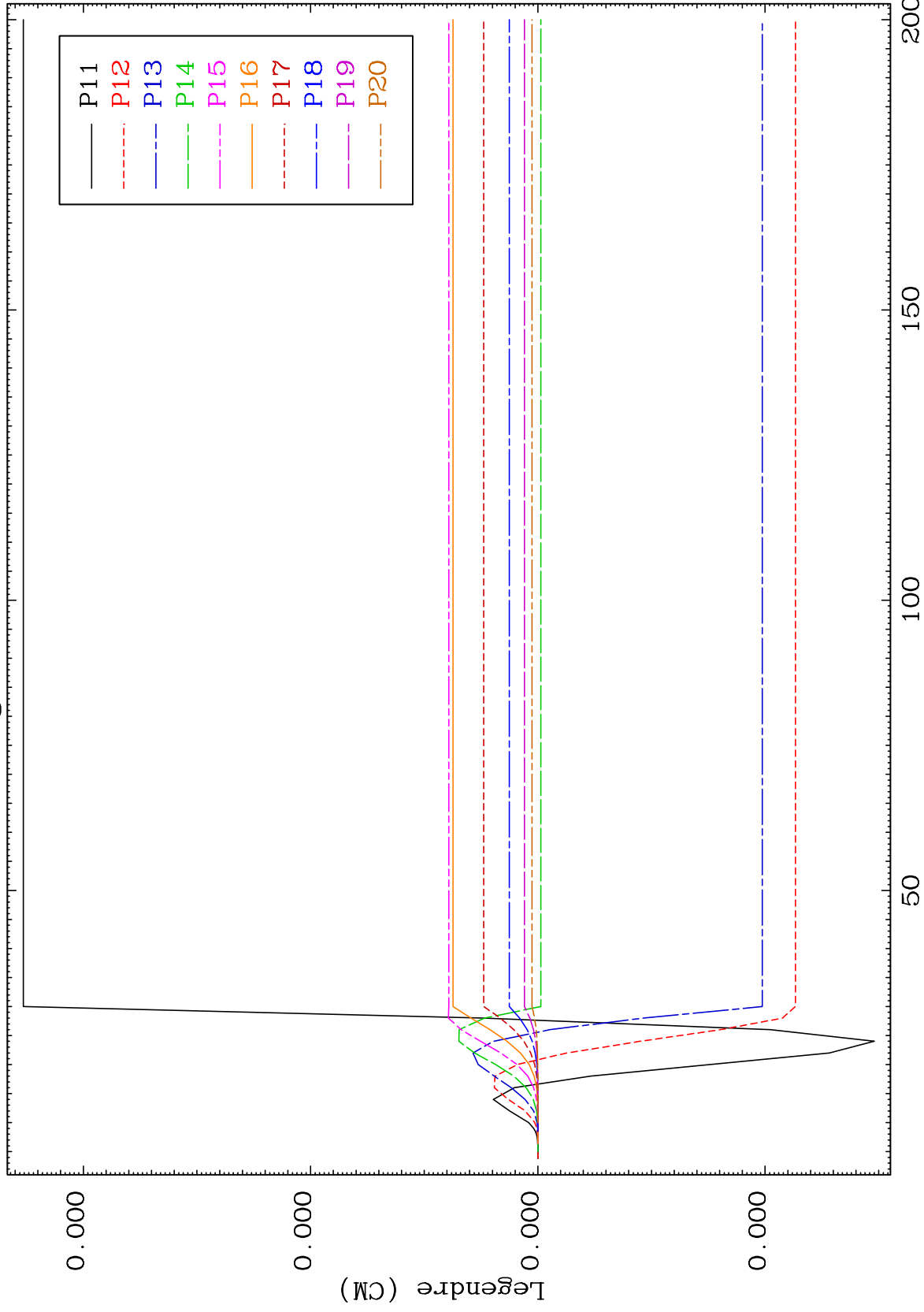




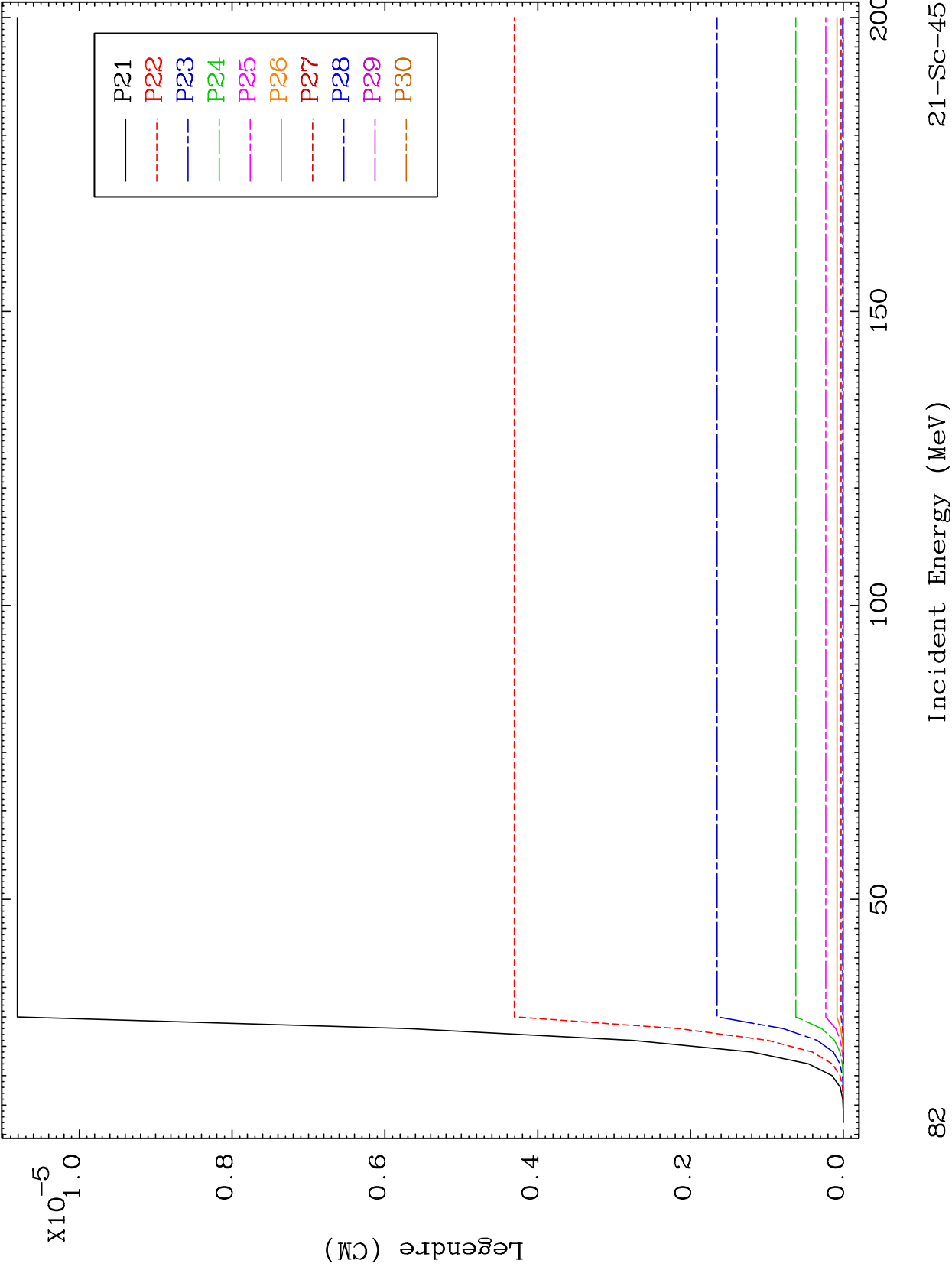
MAT 2125

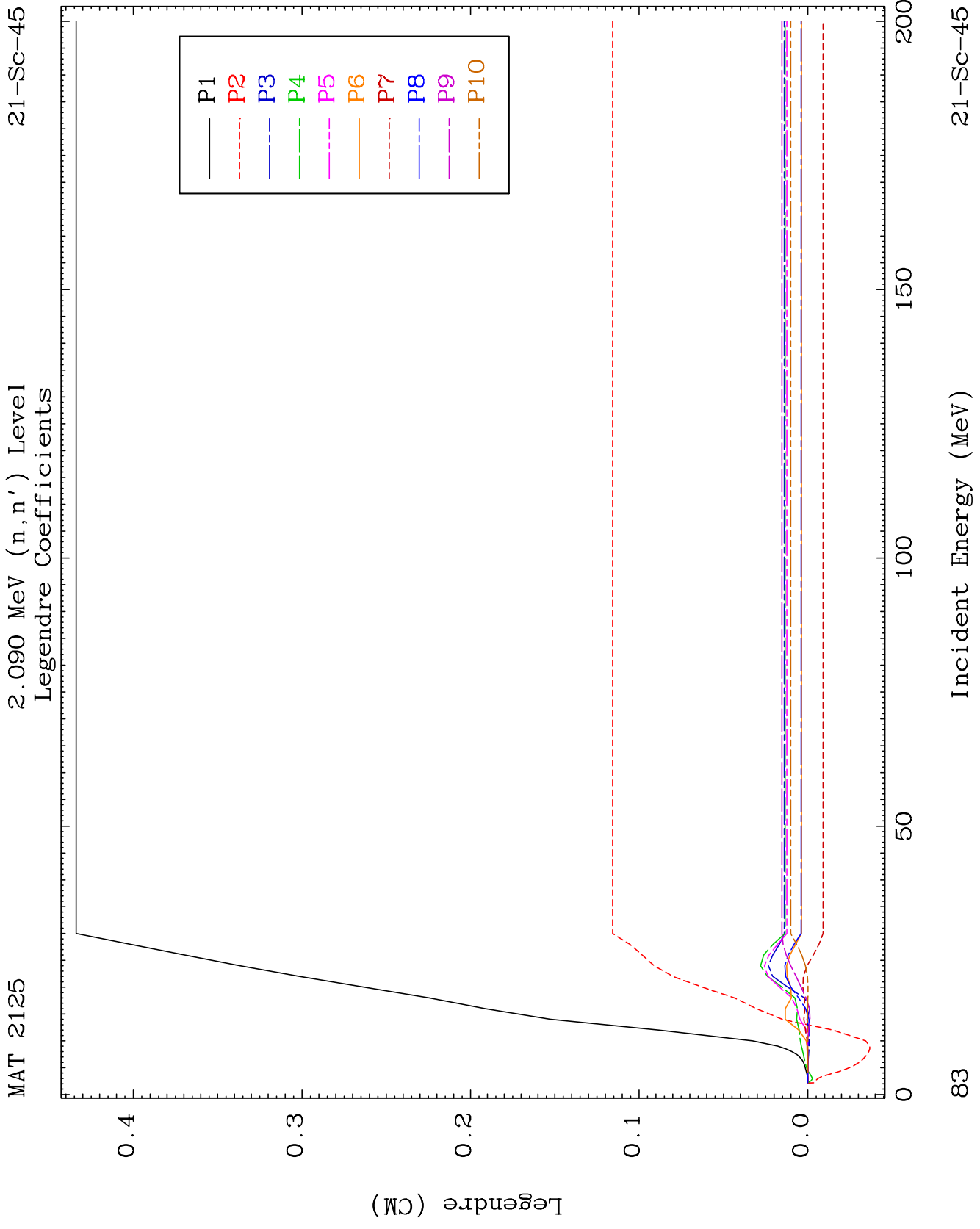
2.031 MeV (n,n') Level
Legendre Coefficients

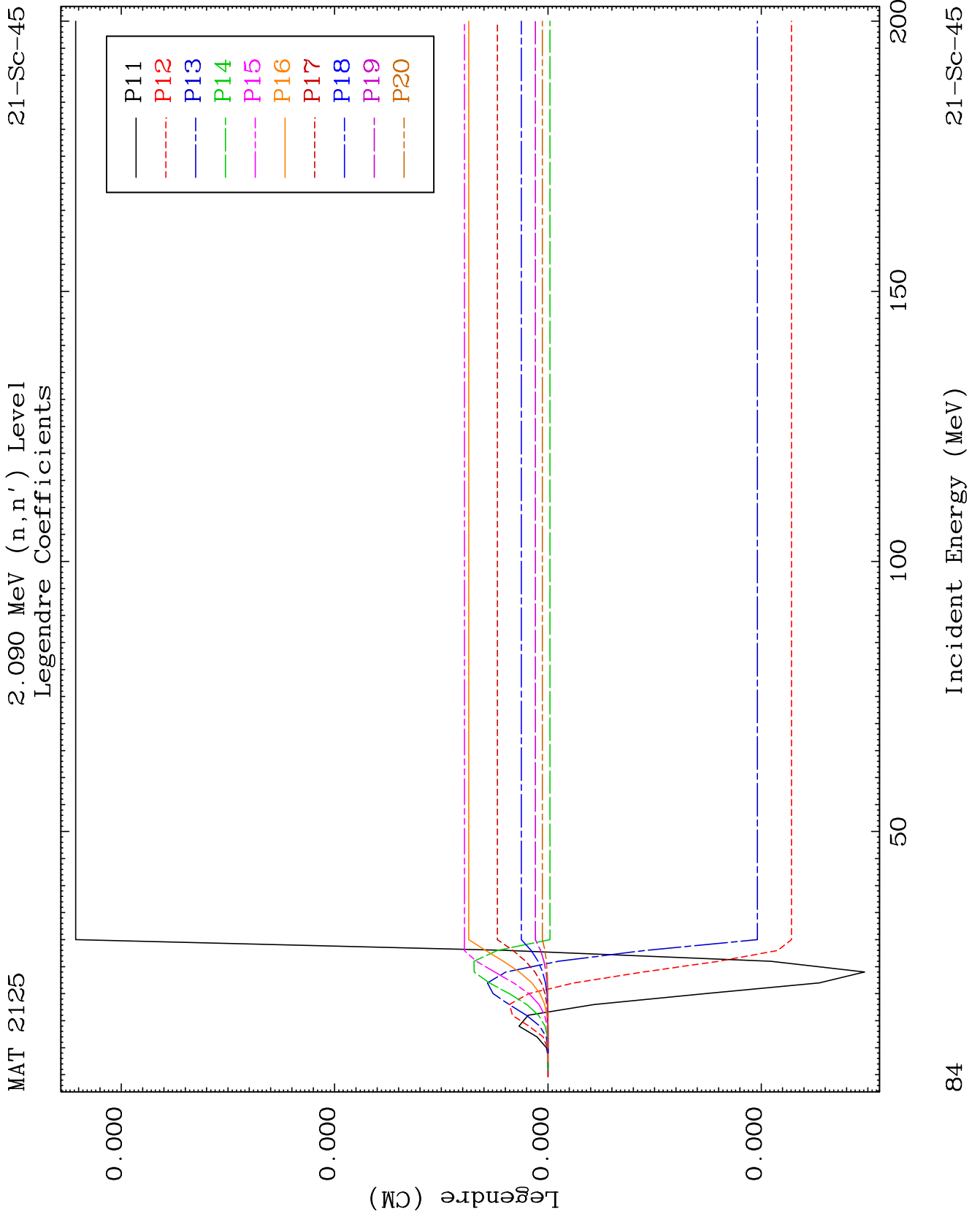
21-Sc-45

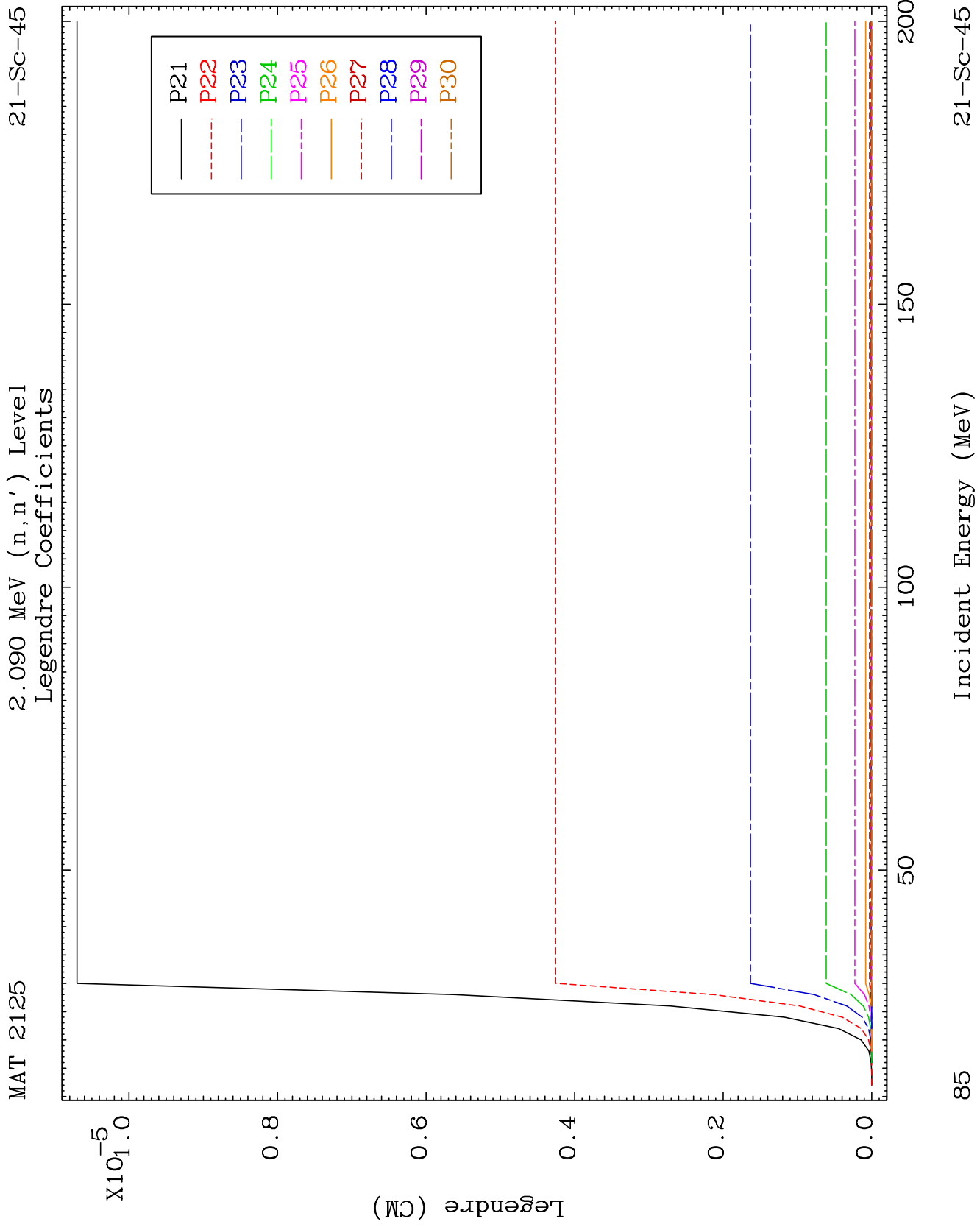


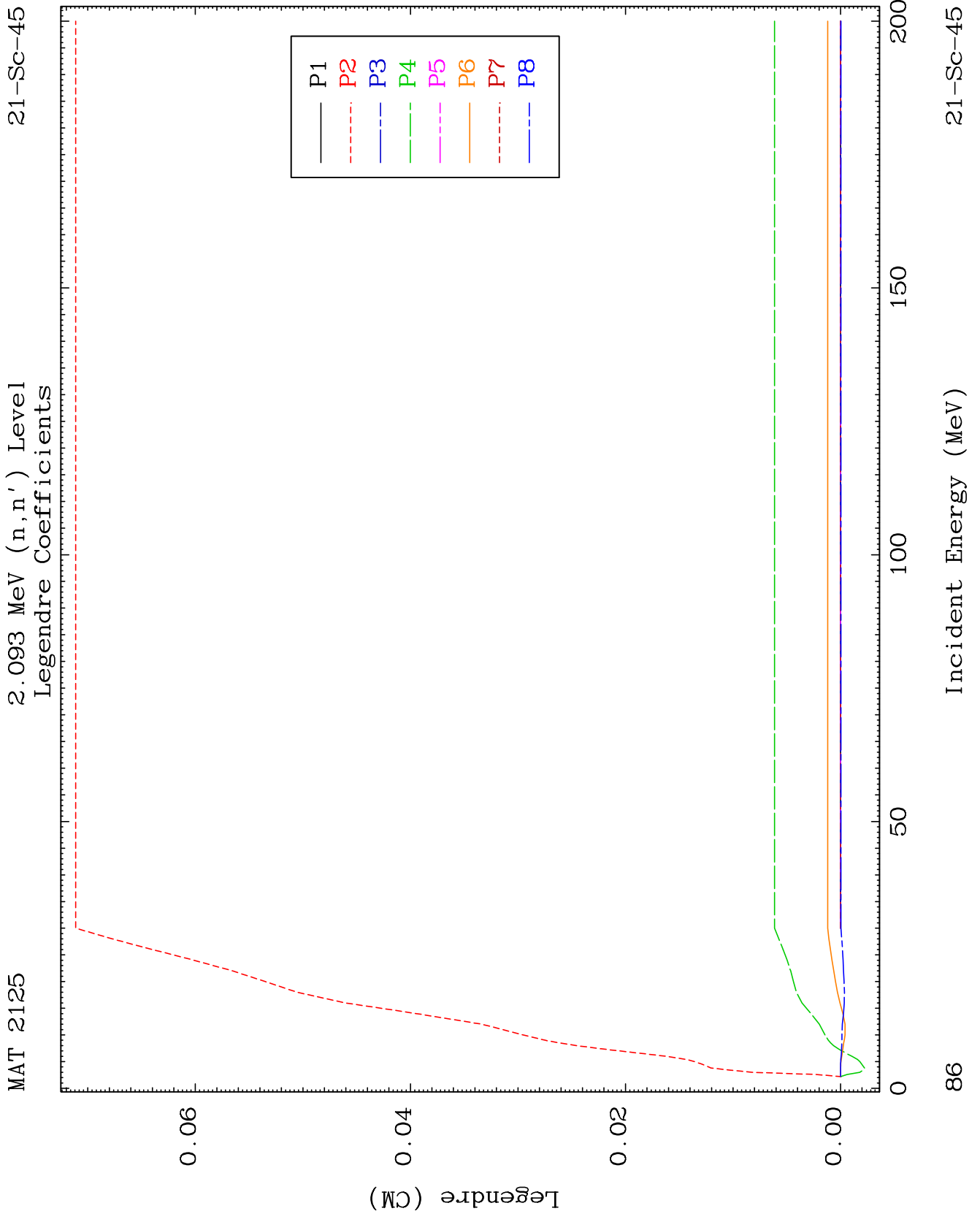
MAT 2125 2.031 MeV (n,n') Level 21-Sc-45

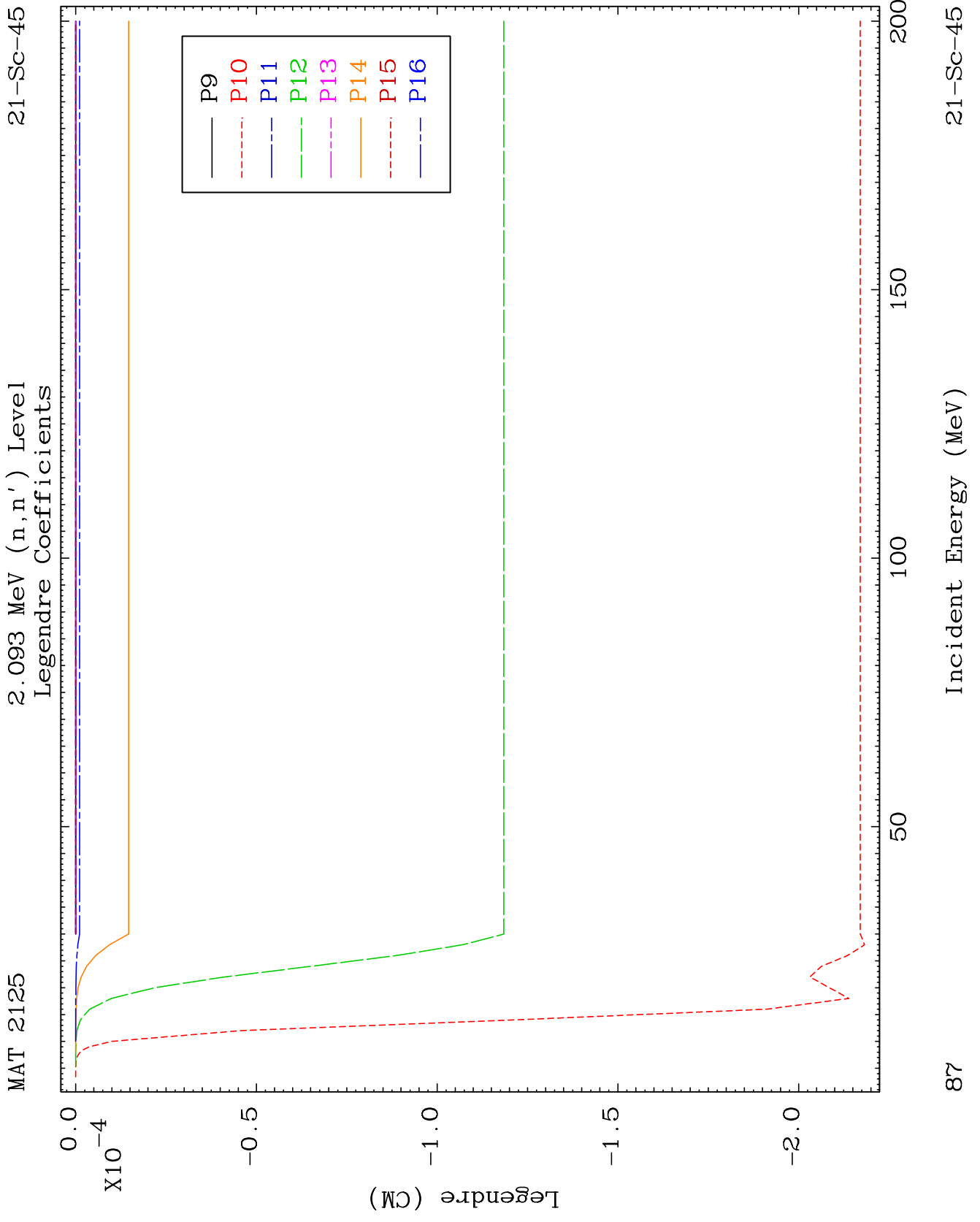


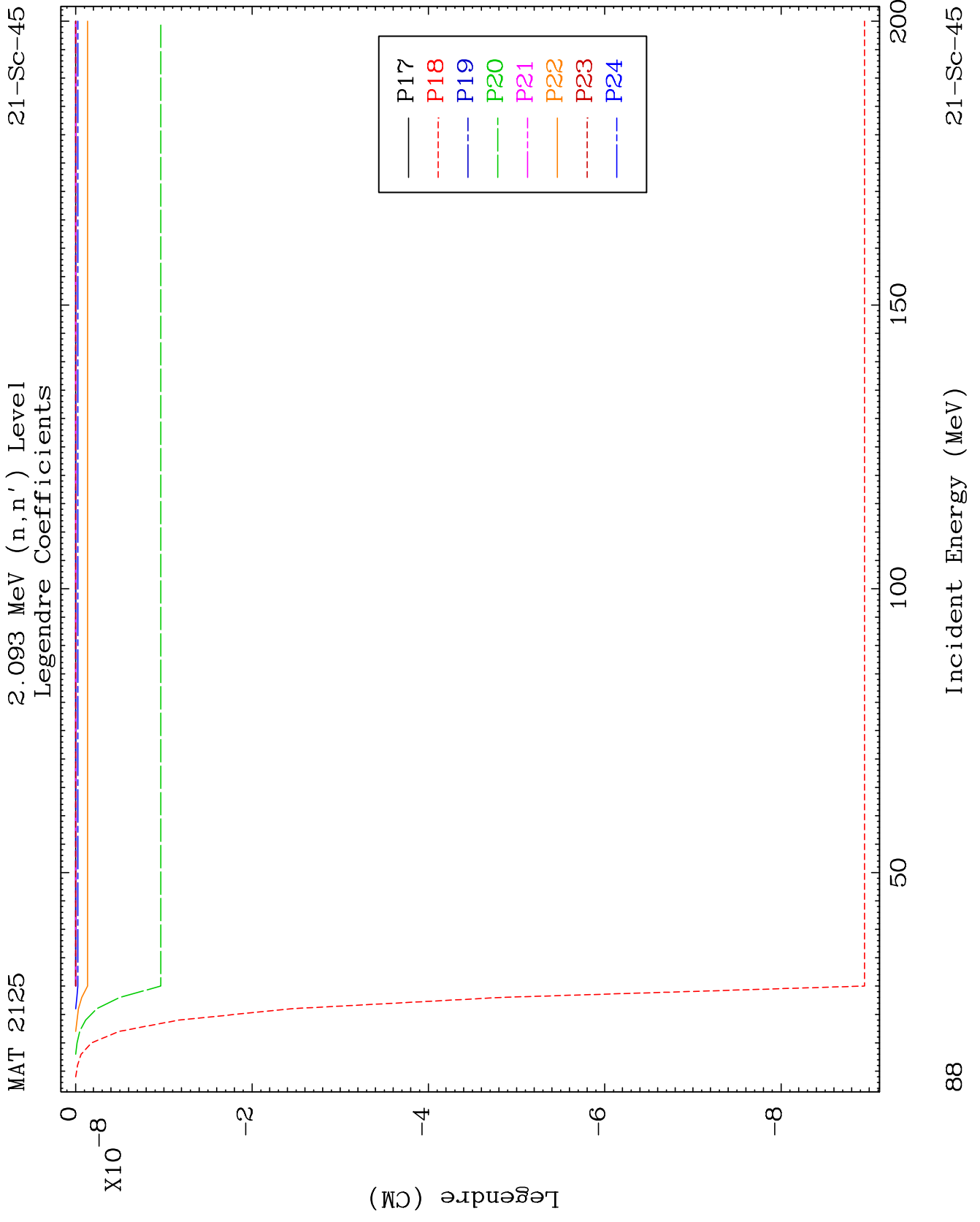


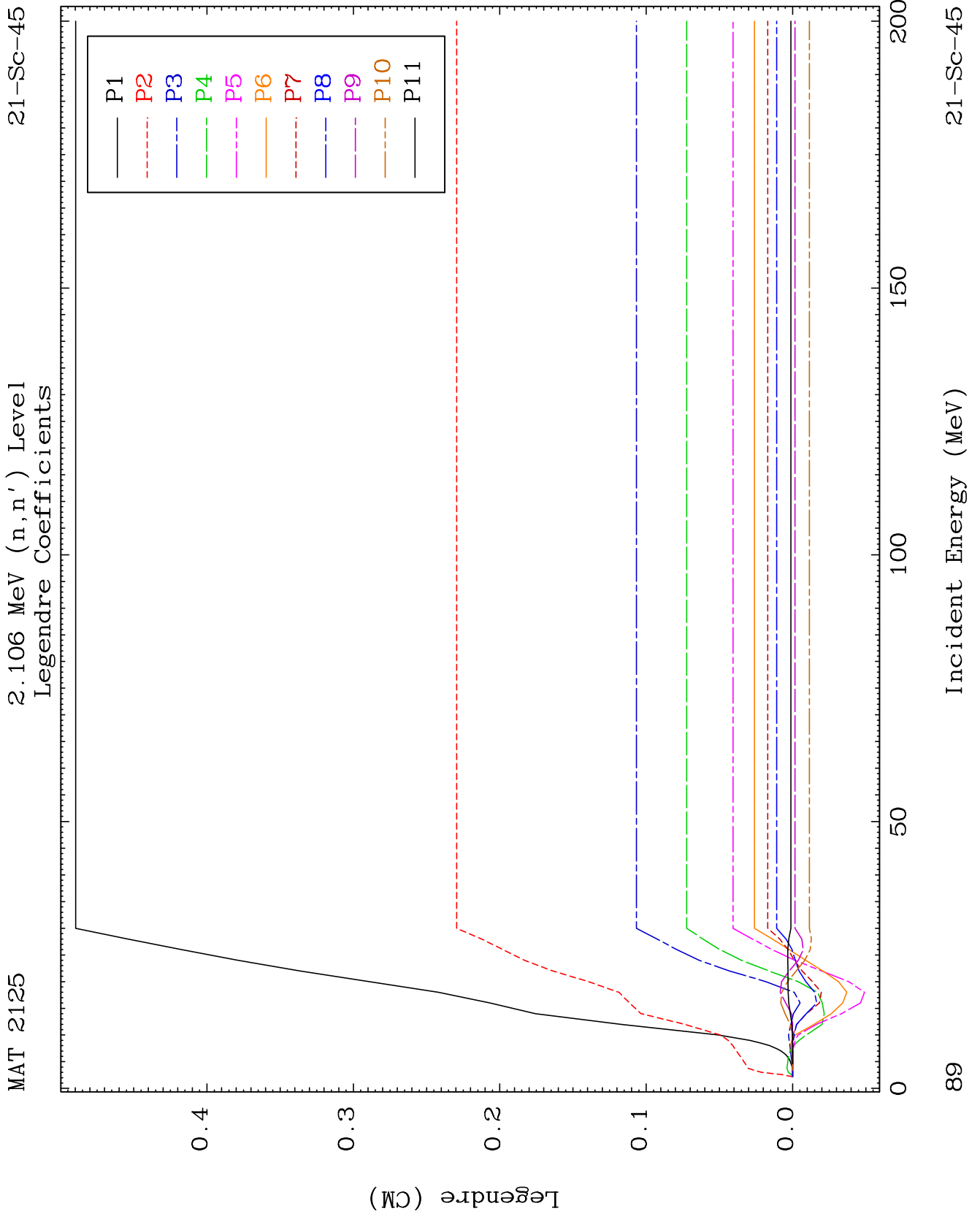


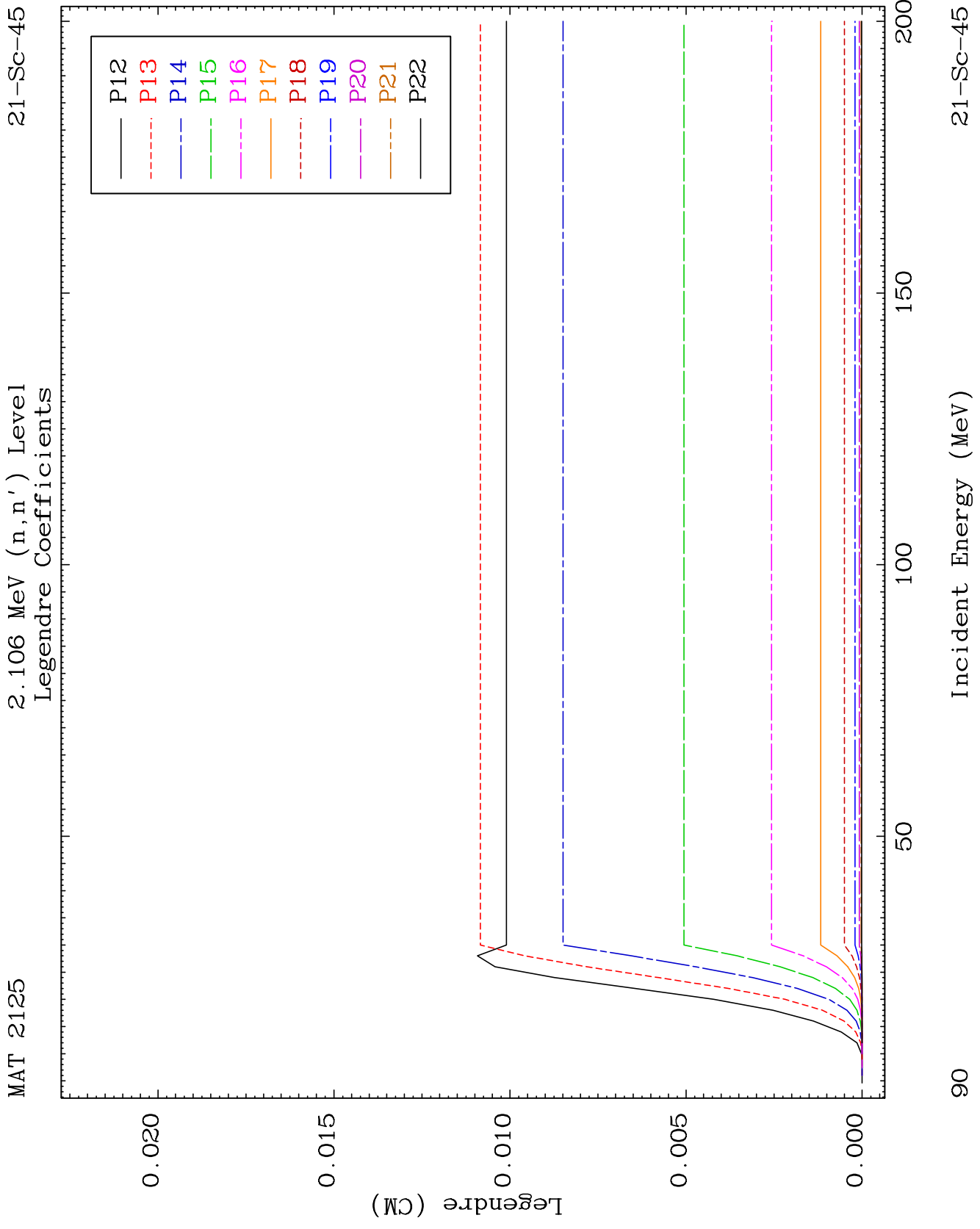


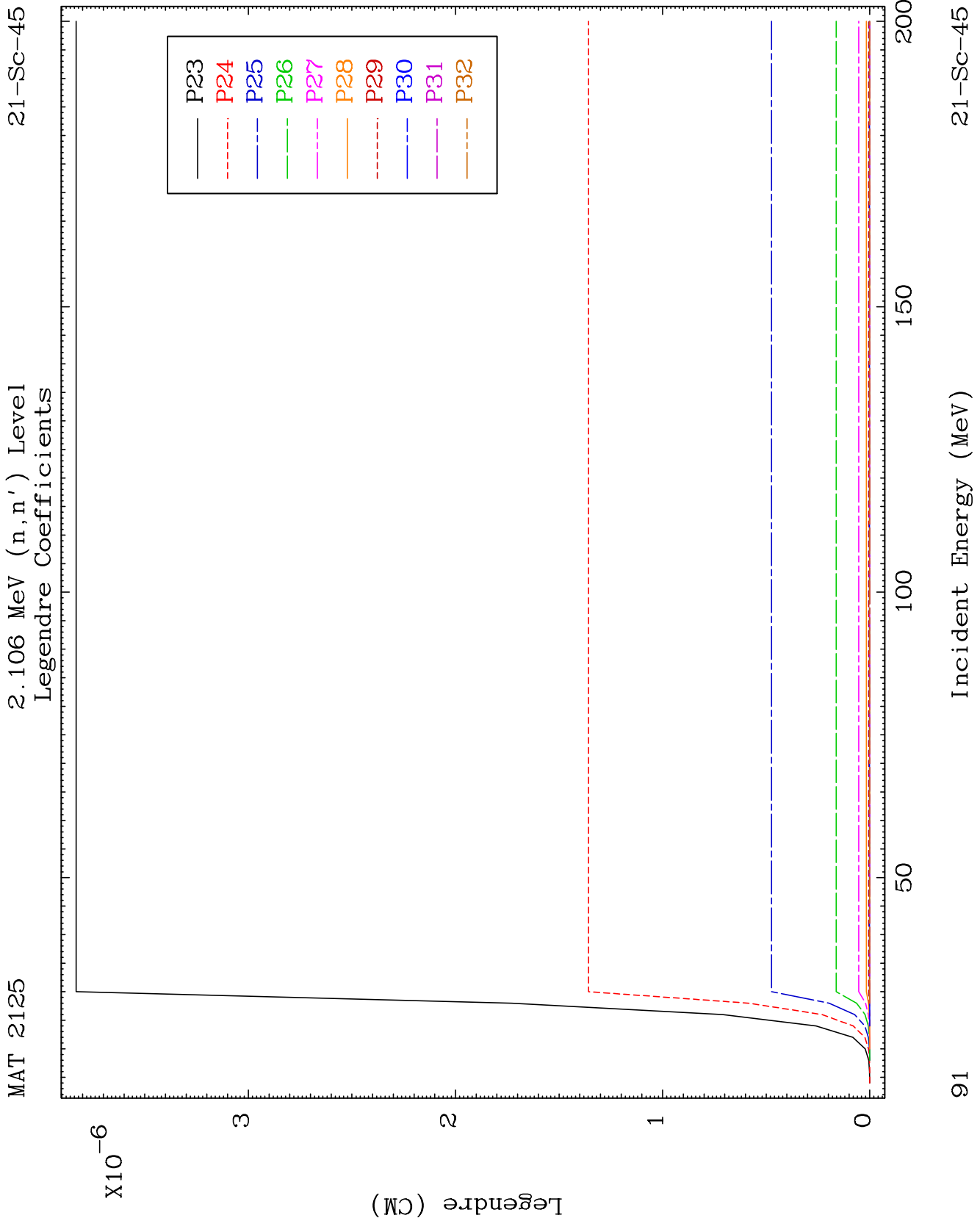








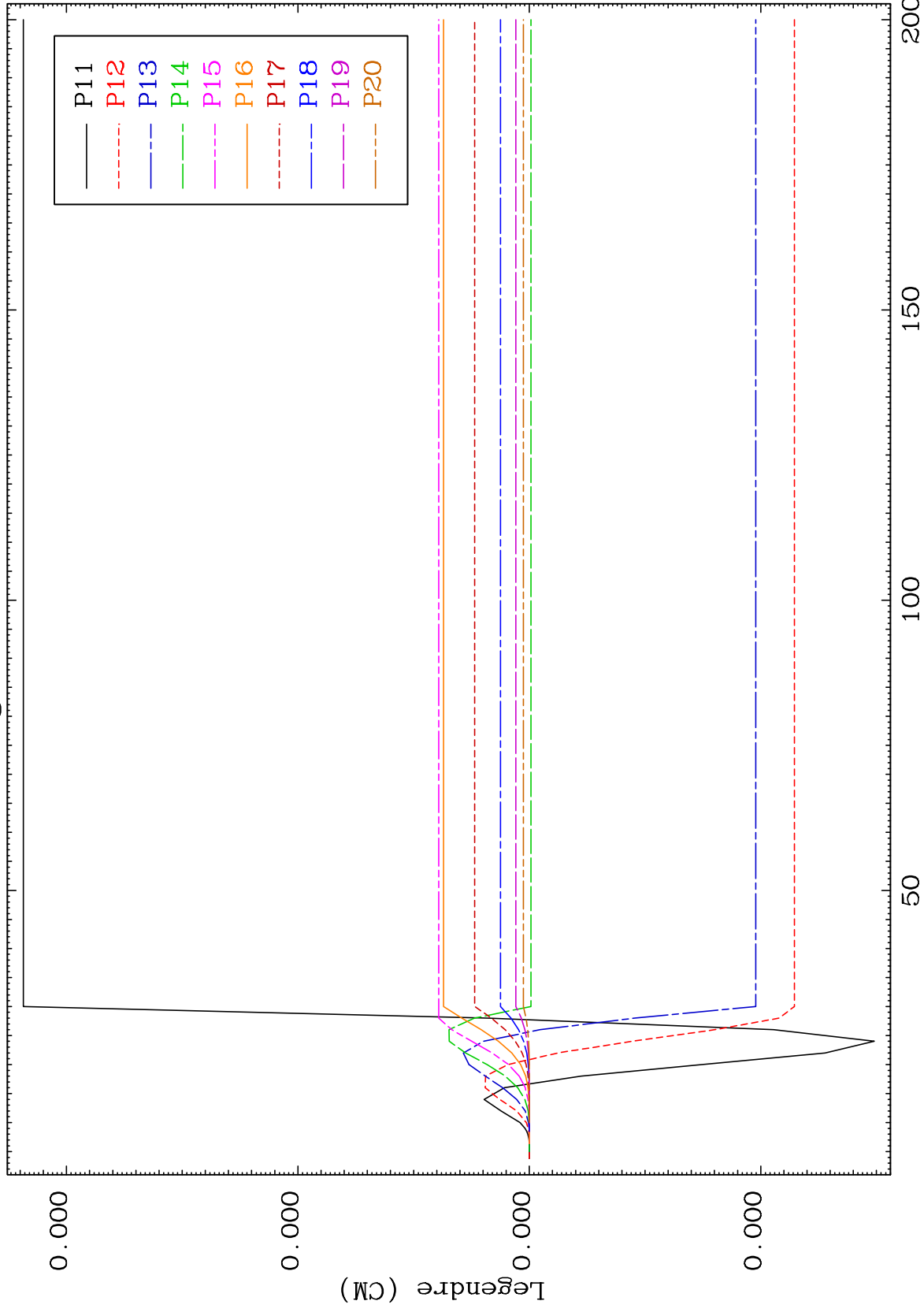


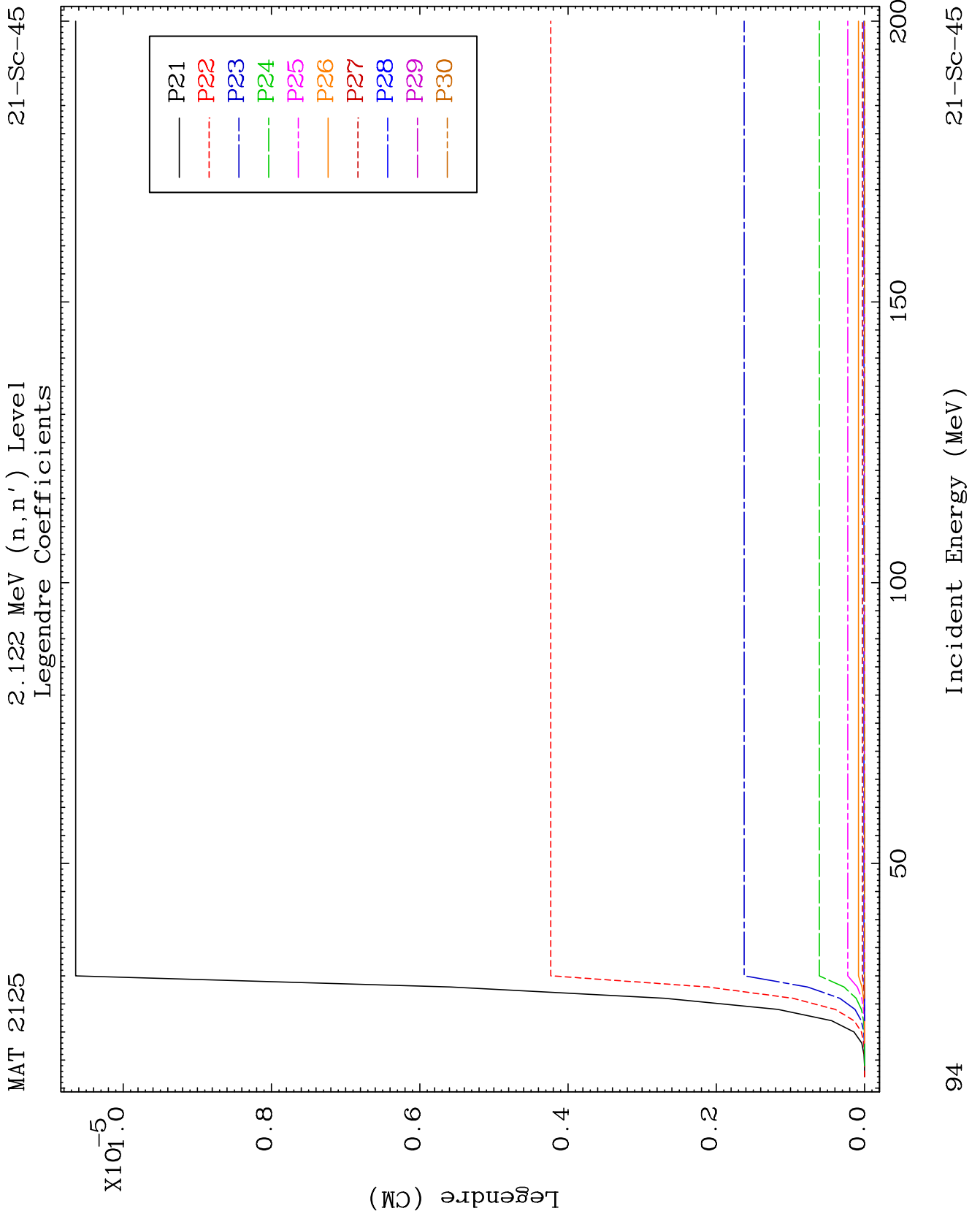


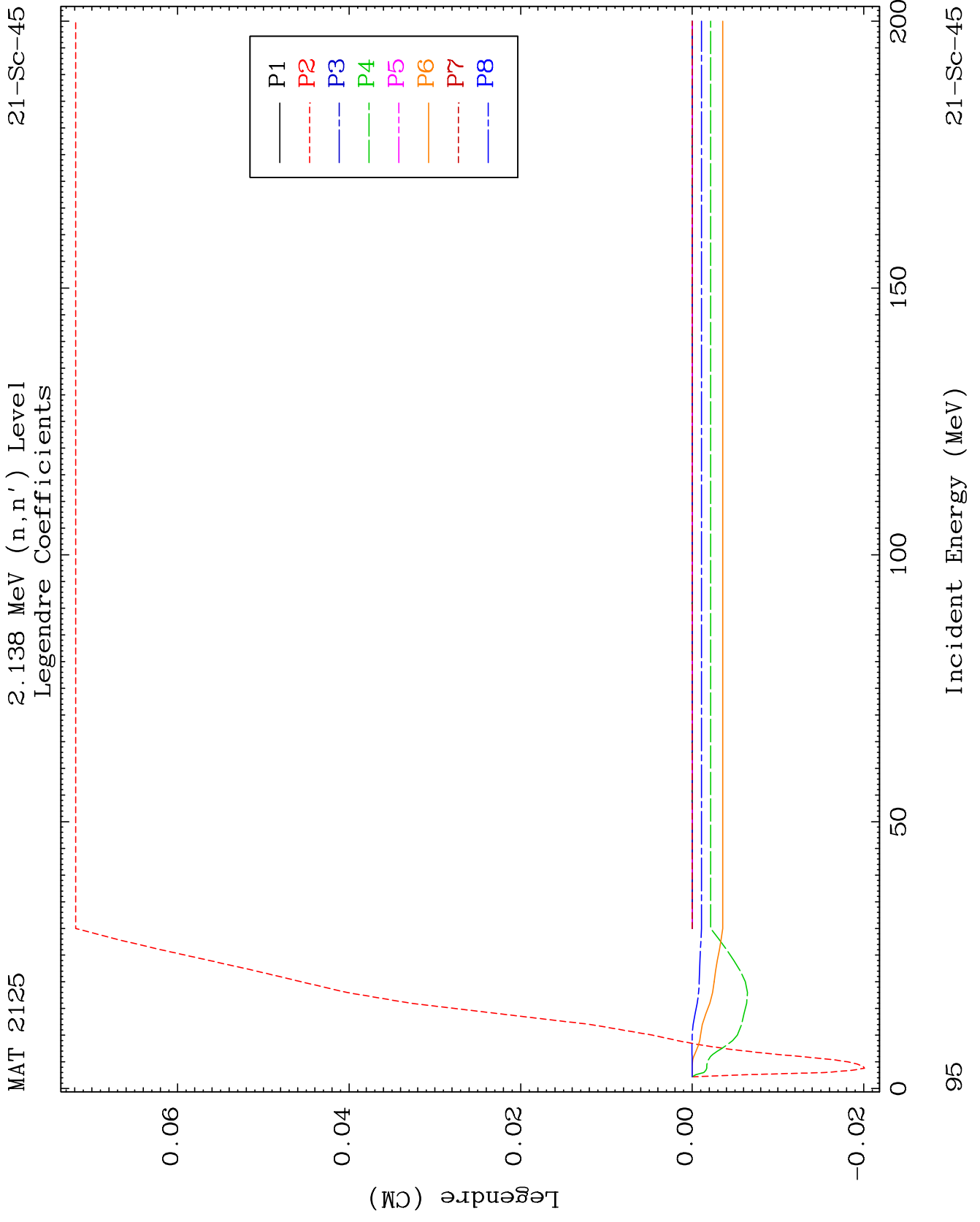
MAT 2125

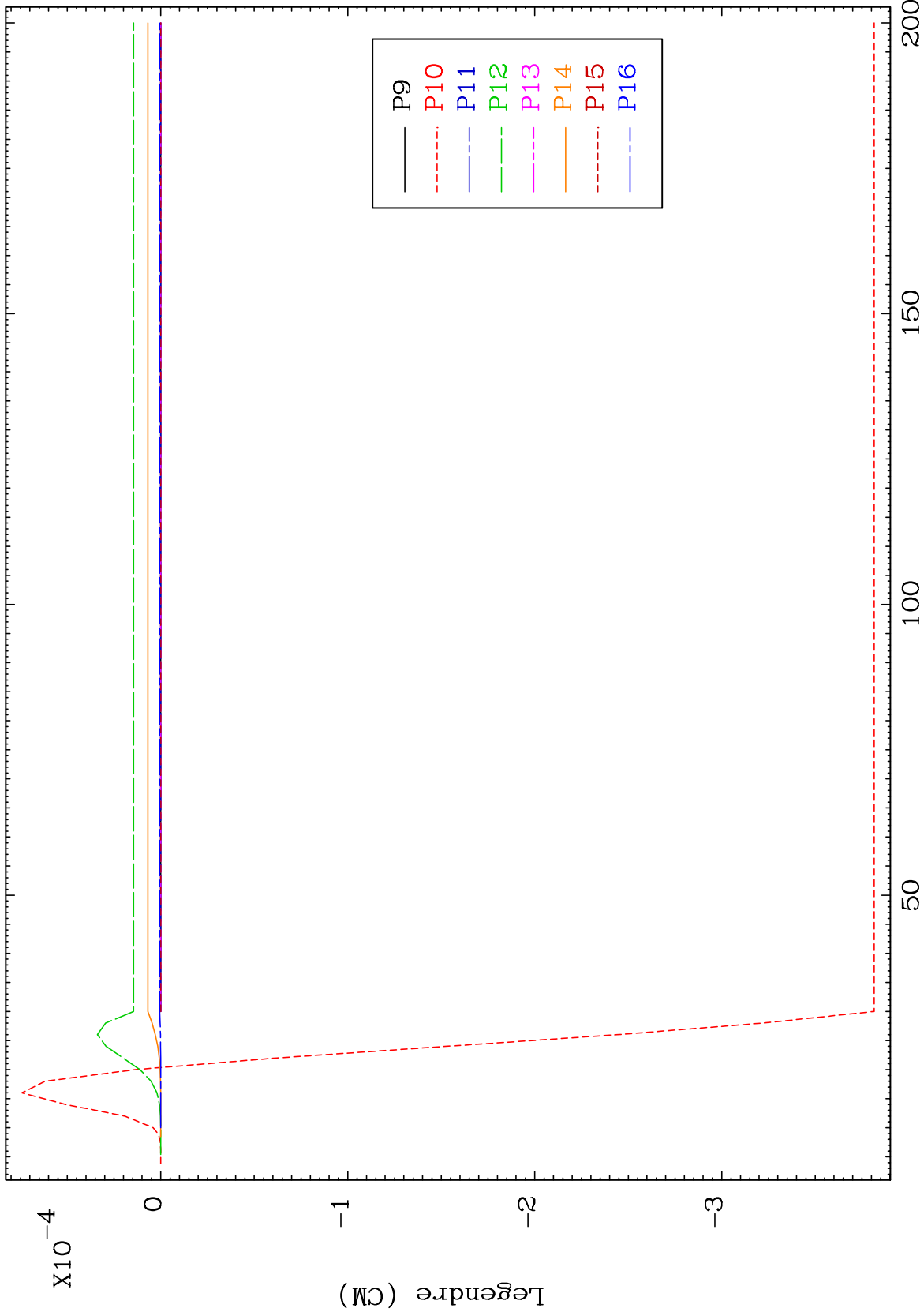
2.122 MeV (n,n') Level
Legendre Coefficients

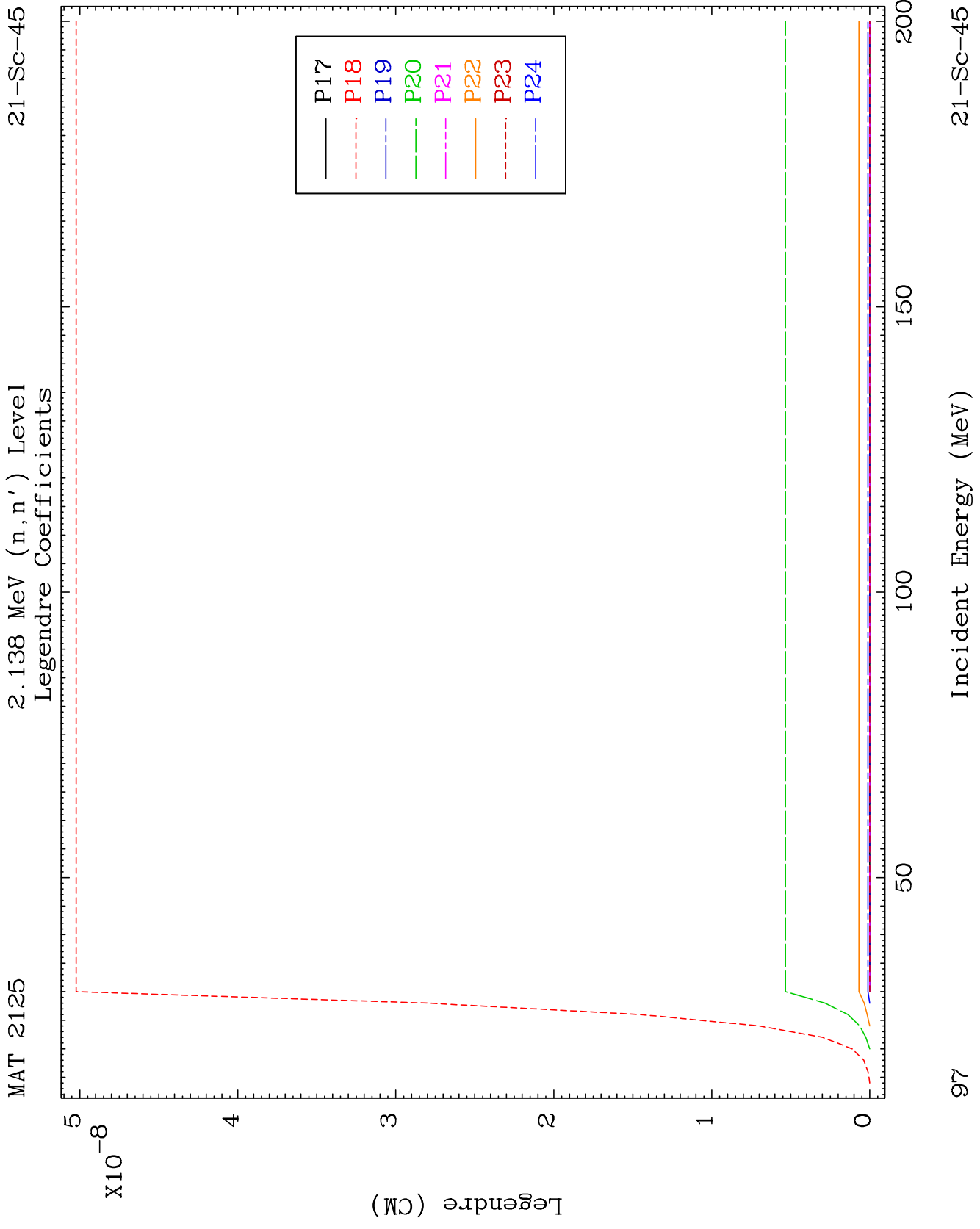
21-Sc-45

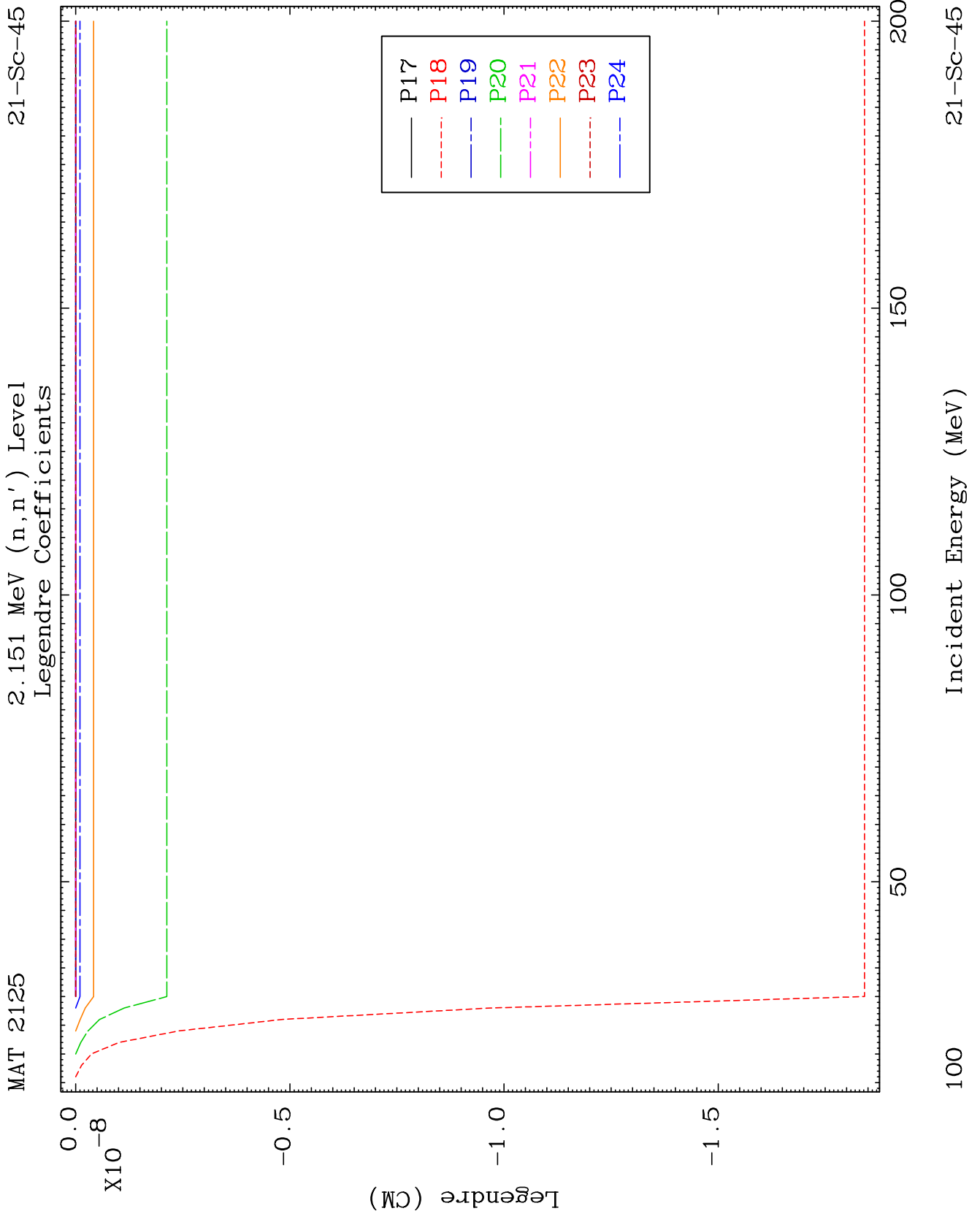


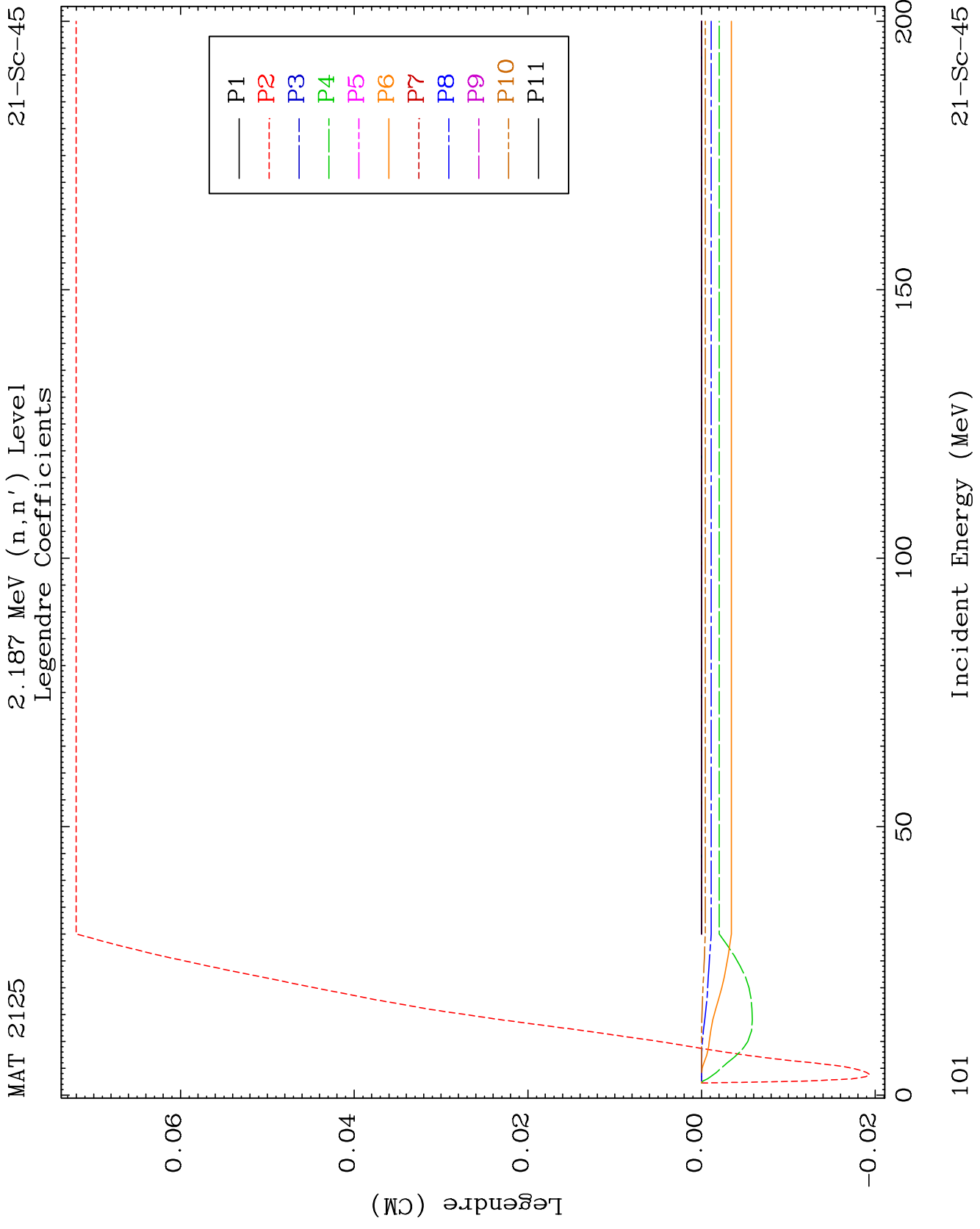


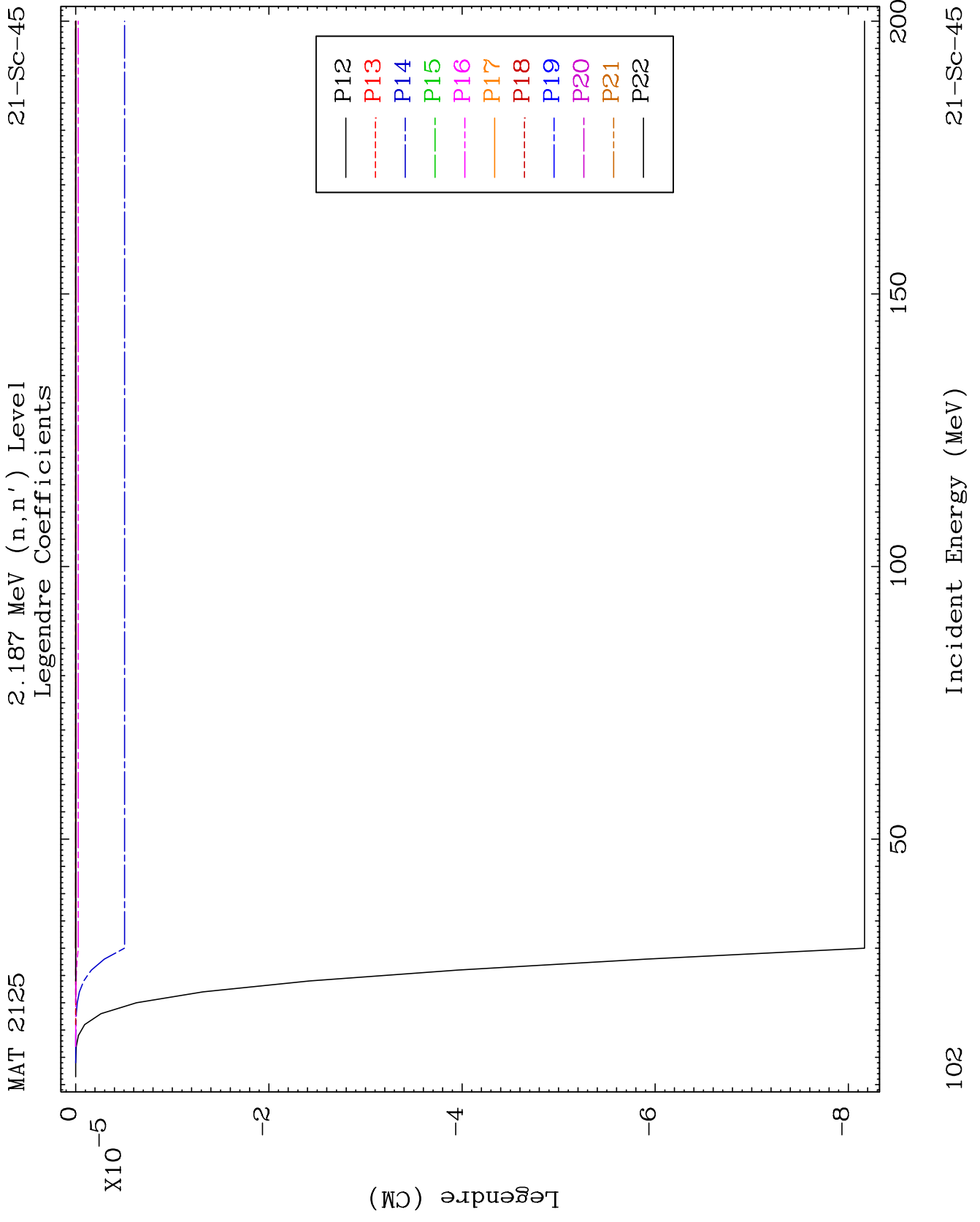


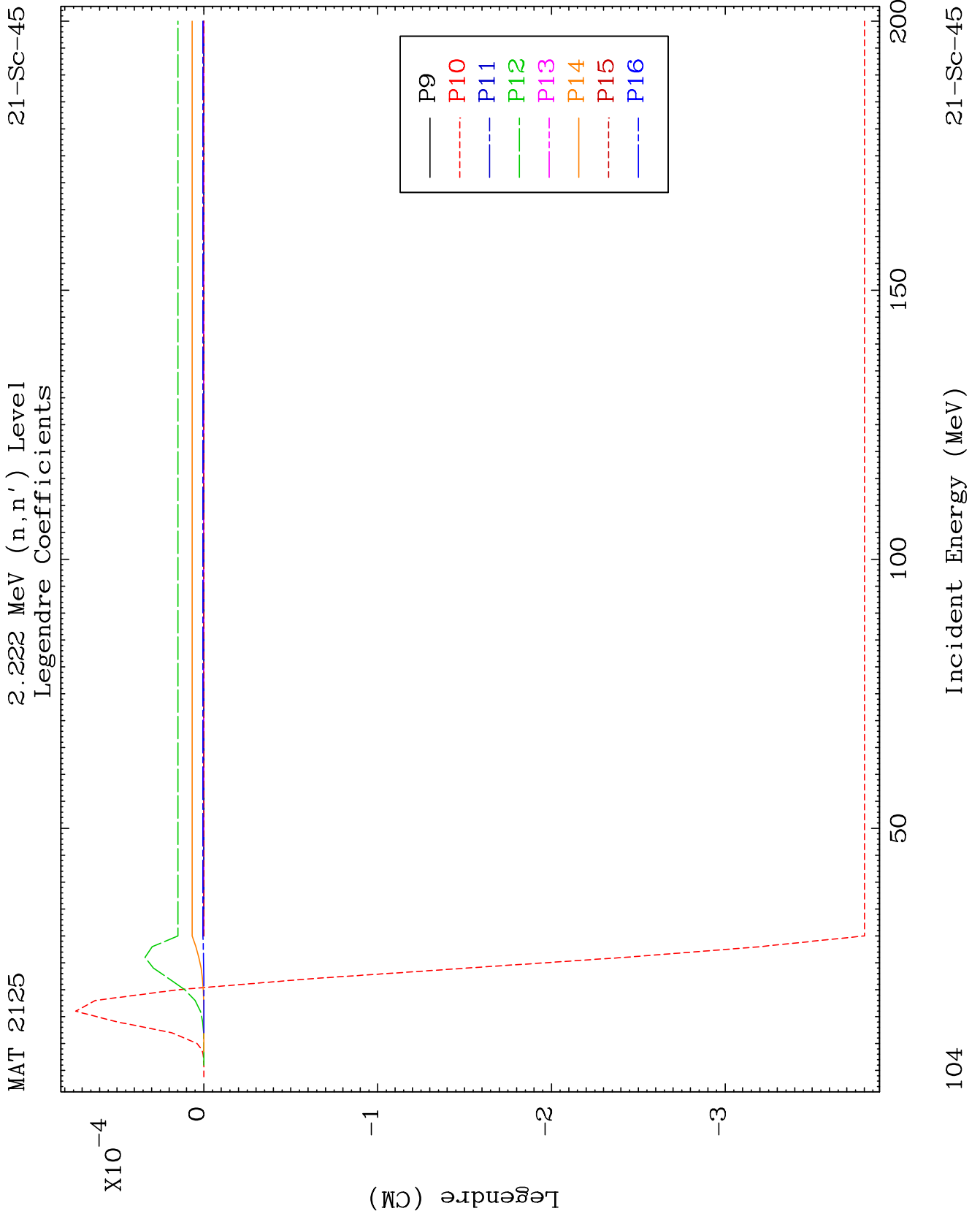


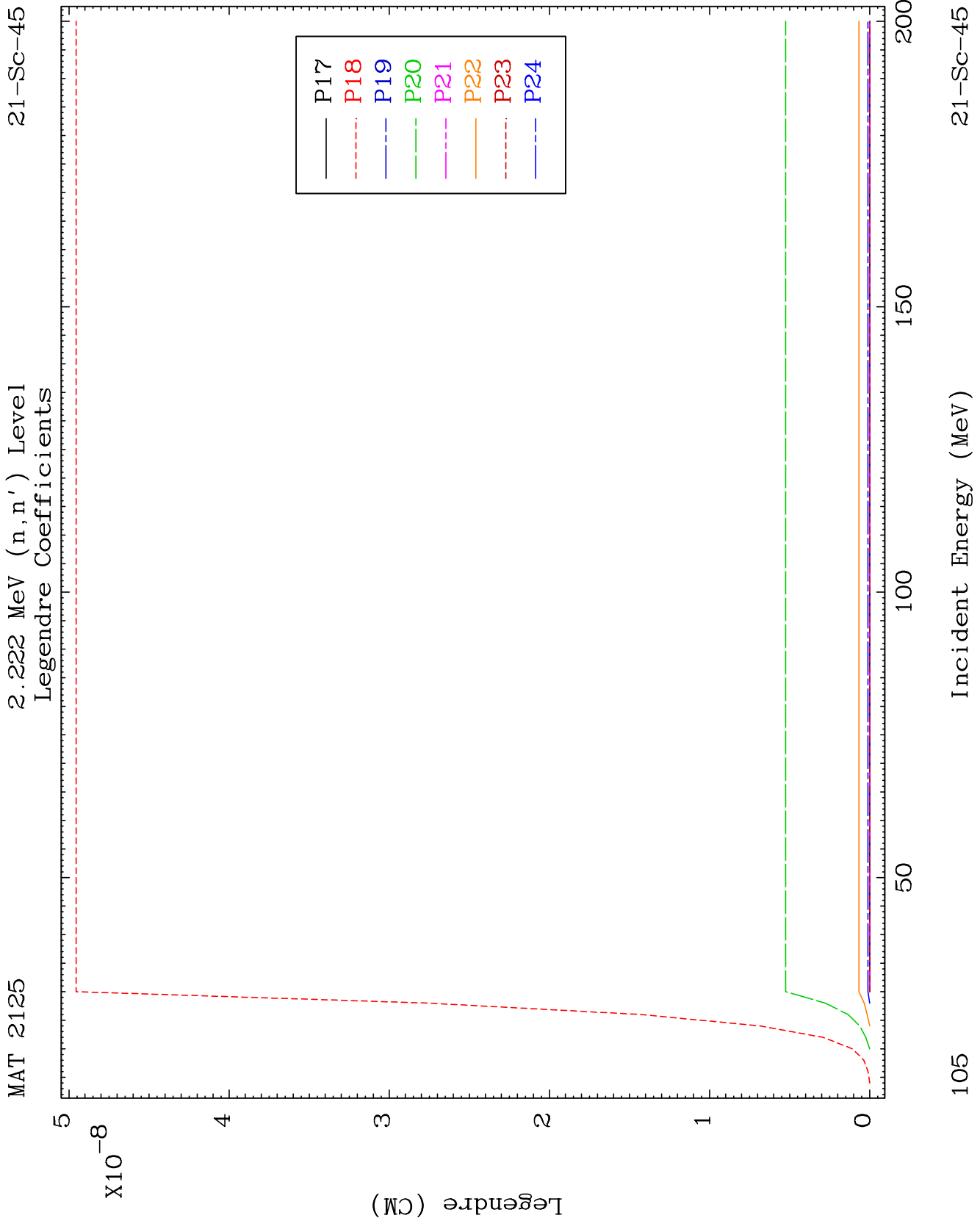








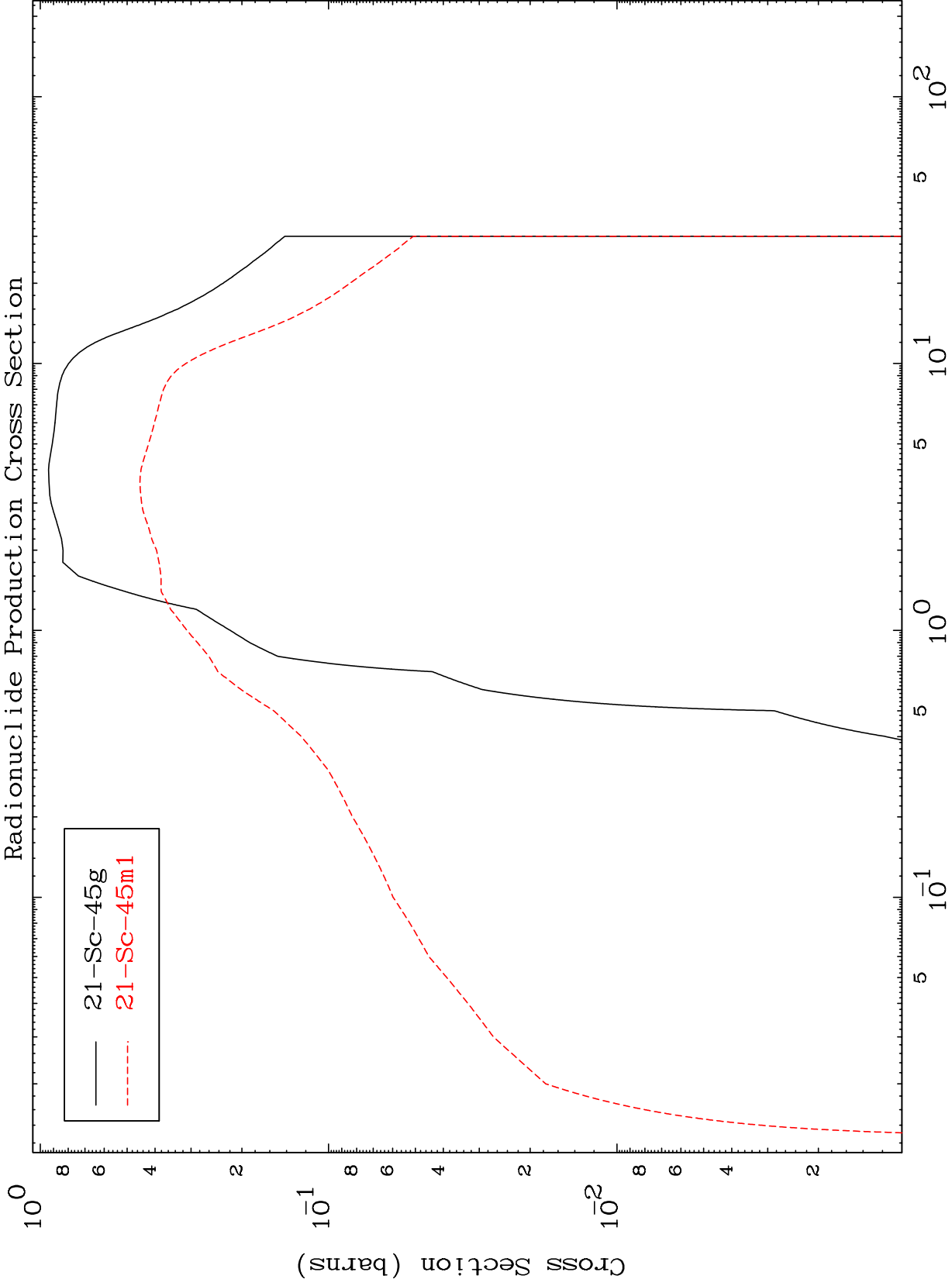




MAT 2125

21-Sc-45

Inelastic
Radionuclide Production Cross Section



— 21-Sc-45g
- - - 21-Sc-45m1

21-Sc-45

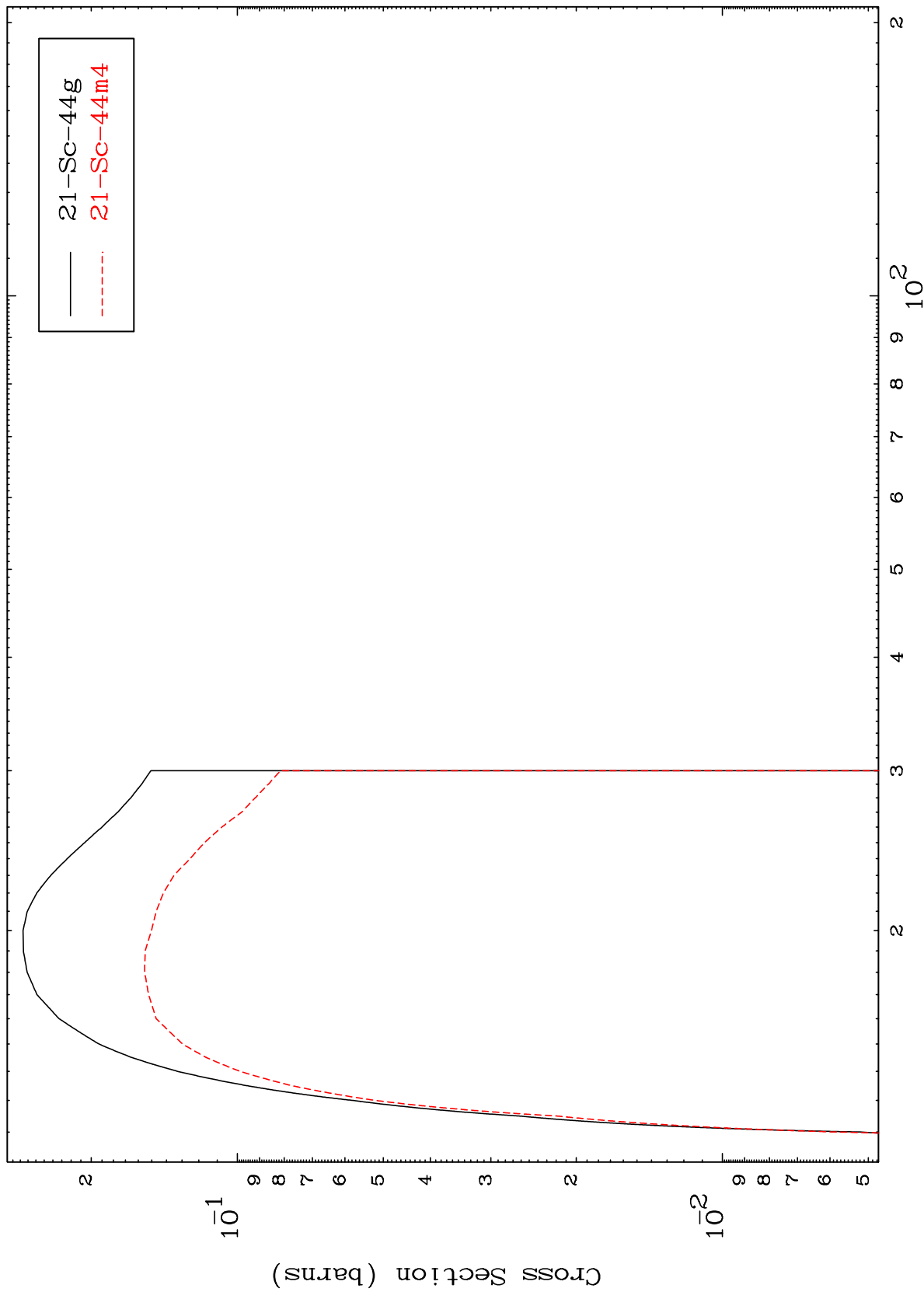
Incident Energy (MeV)

106

MAT 2125

21-Sc-45

(n,2n)
Radionuclide Production Cross Section



— 21-Sc-44g
- - - 21-Sc-44m4

107

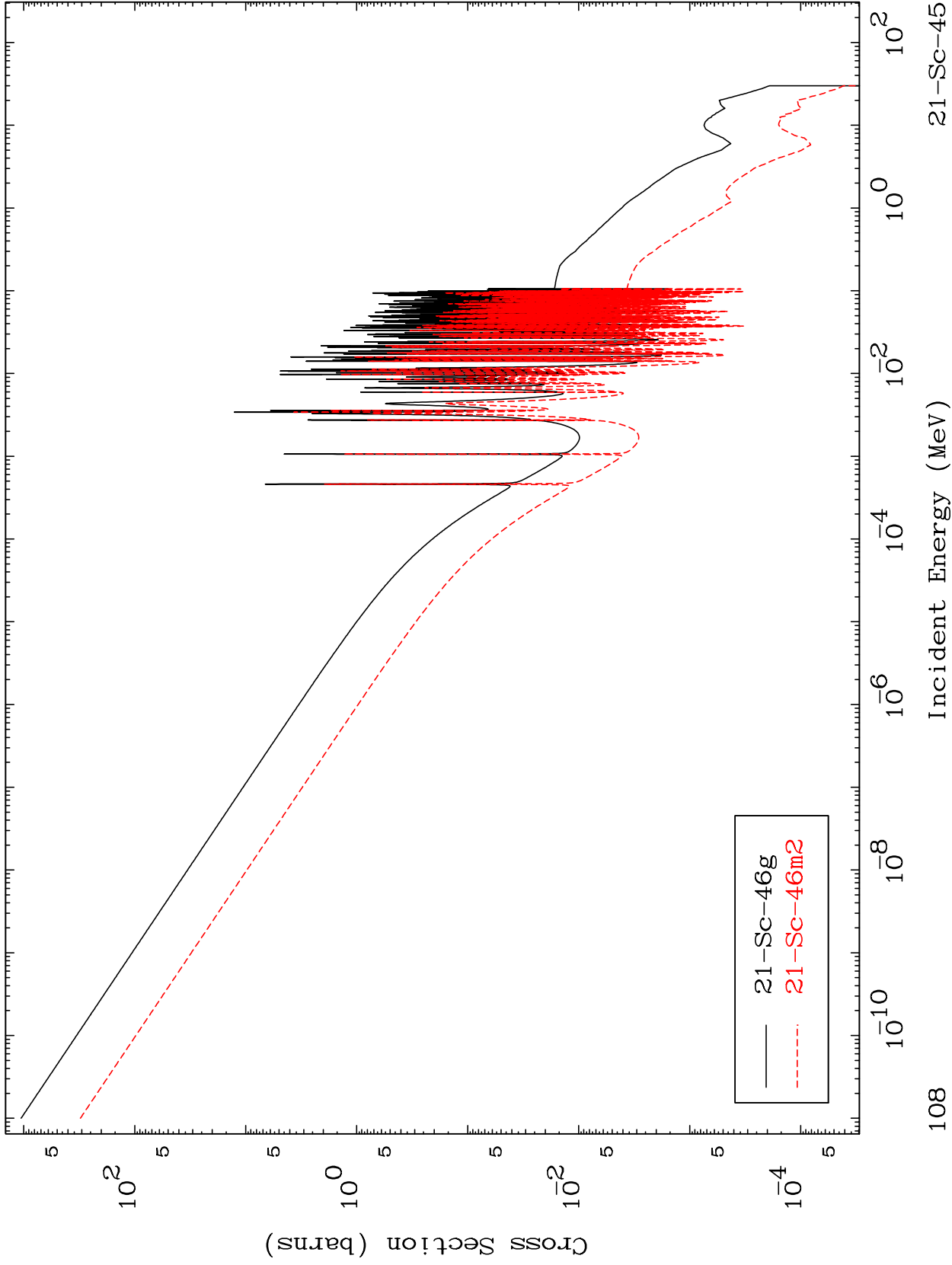
21-Sc-45

Incident Energy (MeV)

MAT 2125

21-Sc-45

(n, γ)
Radionuclide Production Cross Section



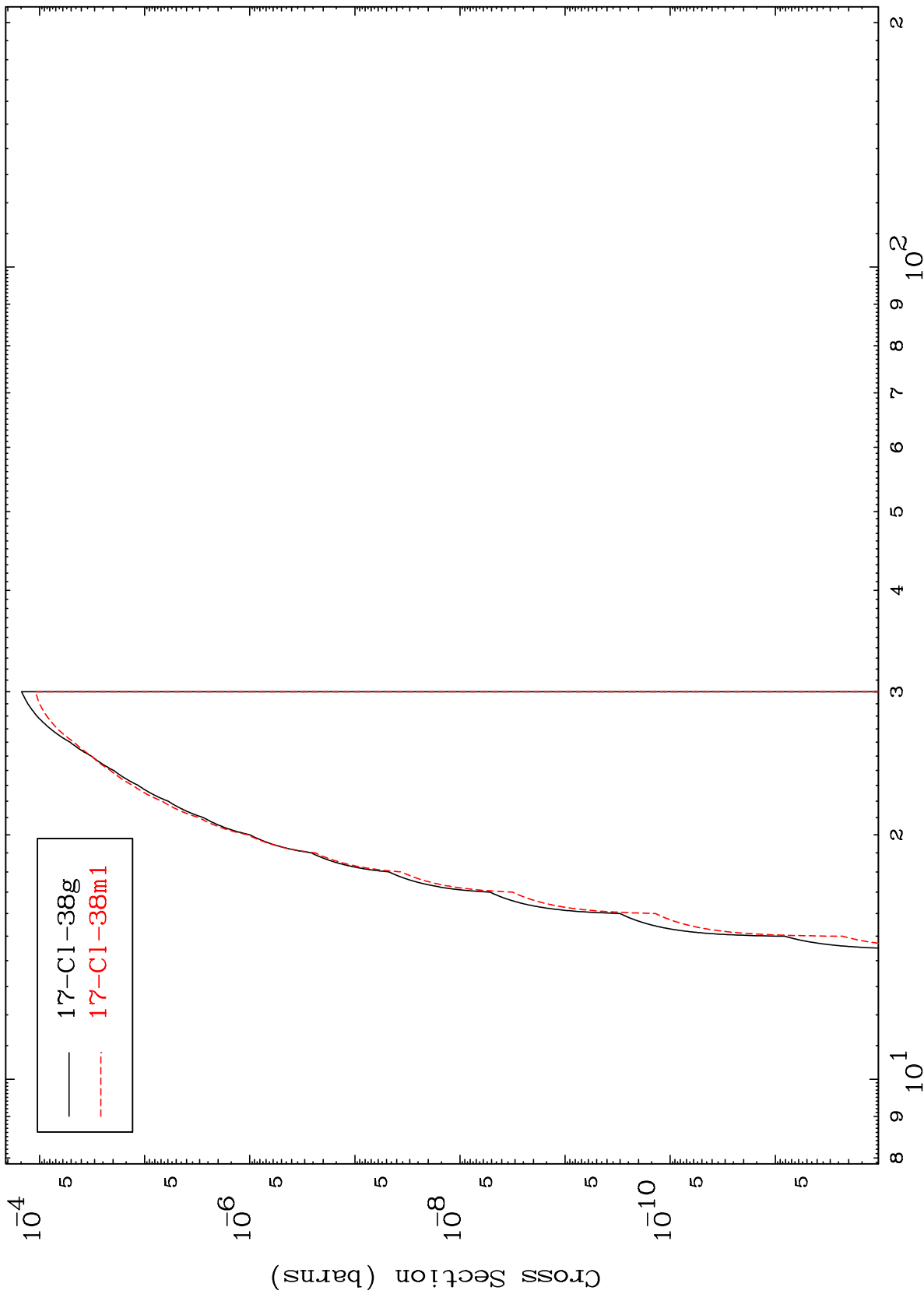
108

21-Sc-45

MAT 2125

21-Sc-45

(n,2α)
Radionuclide Production Cross Section



— 17-Cl-38g
- - - 17-Cl-38m1

21-Sc-45

Incident Energy (MeV)

109