

Program EVALPLOT
(Version 2018-1)

by

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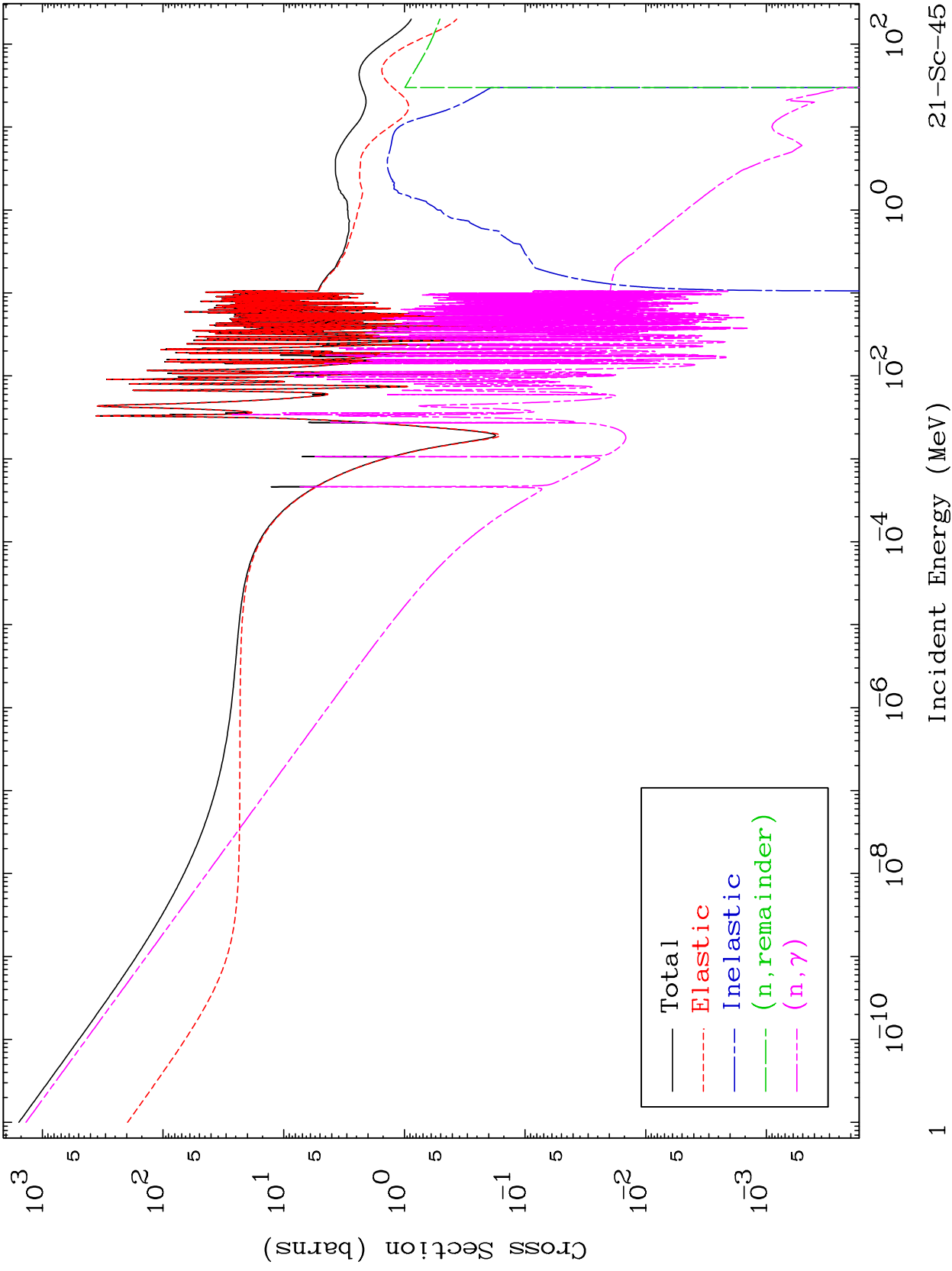
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Press Mouse Button to Start

MAT 2125

Major
293 Kelvin Cross Sections

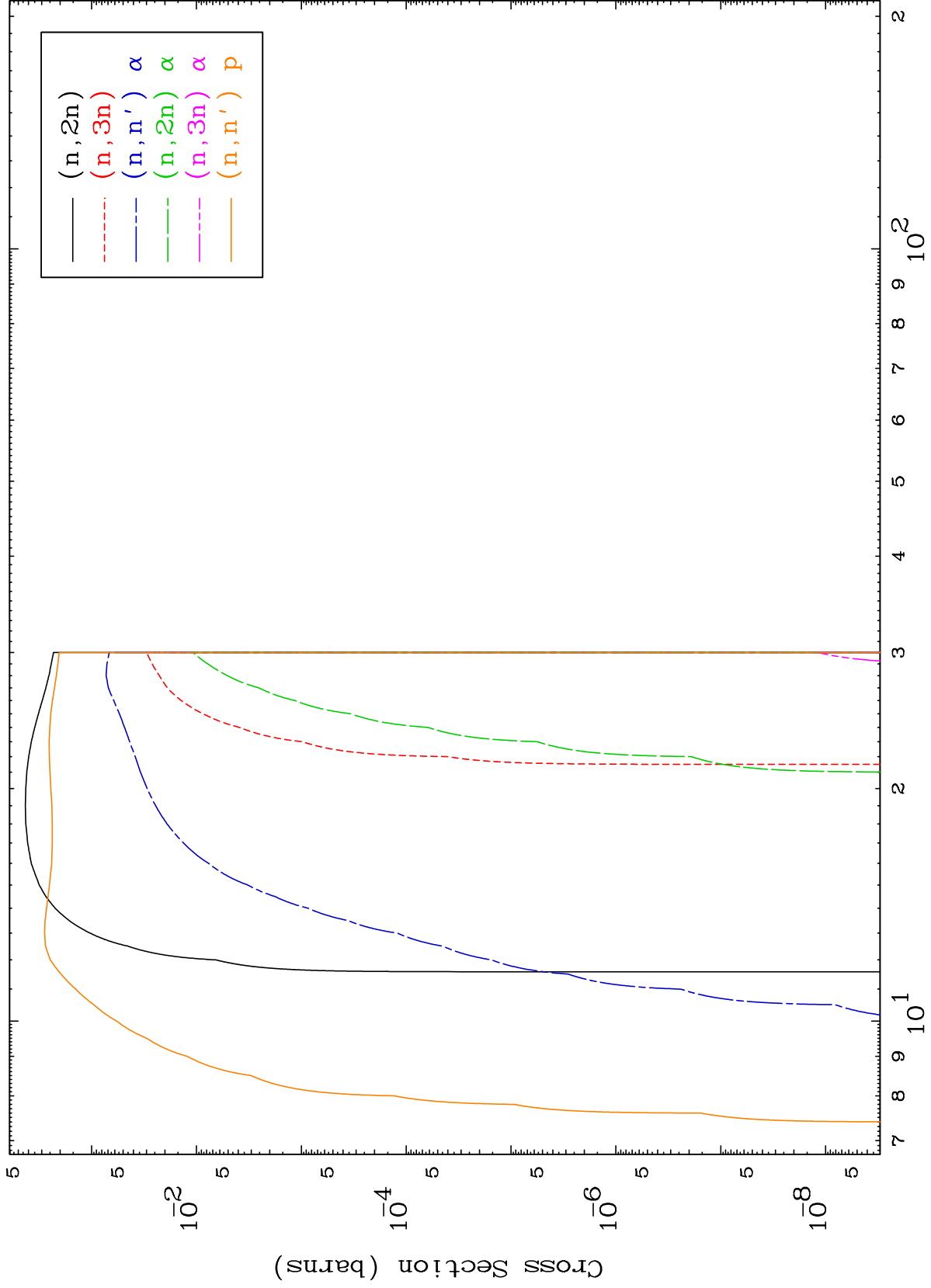
21-Sc-45



MAT 2125

Neutron Production
293 Kelvin Cross Sections

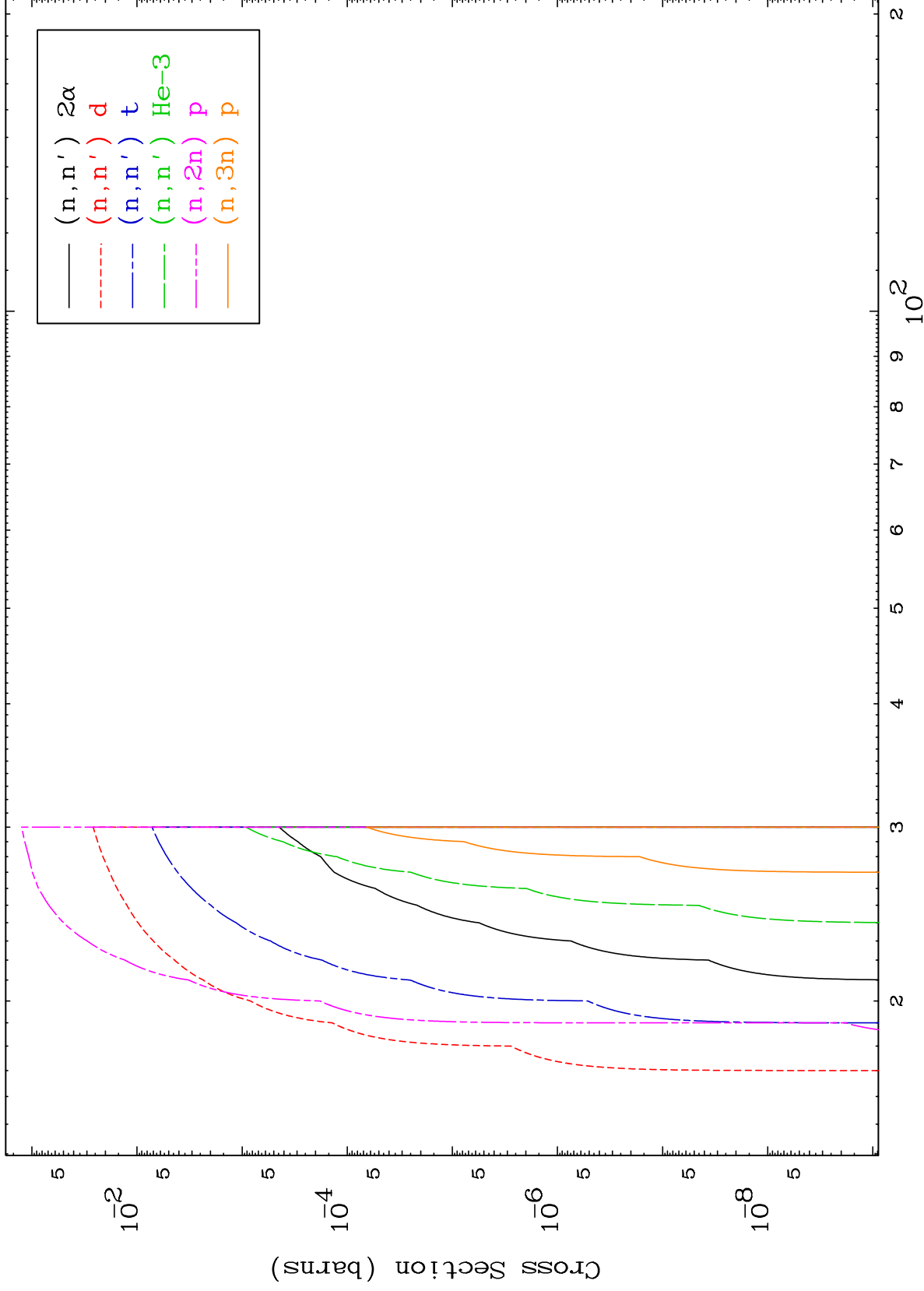
21-Sc-45



2

Incident Energy (MeV)

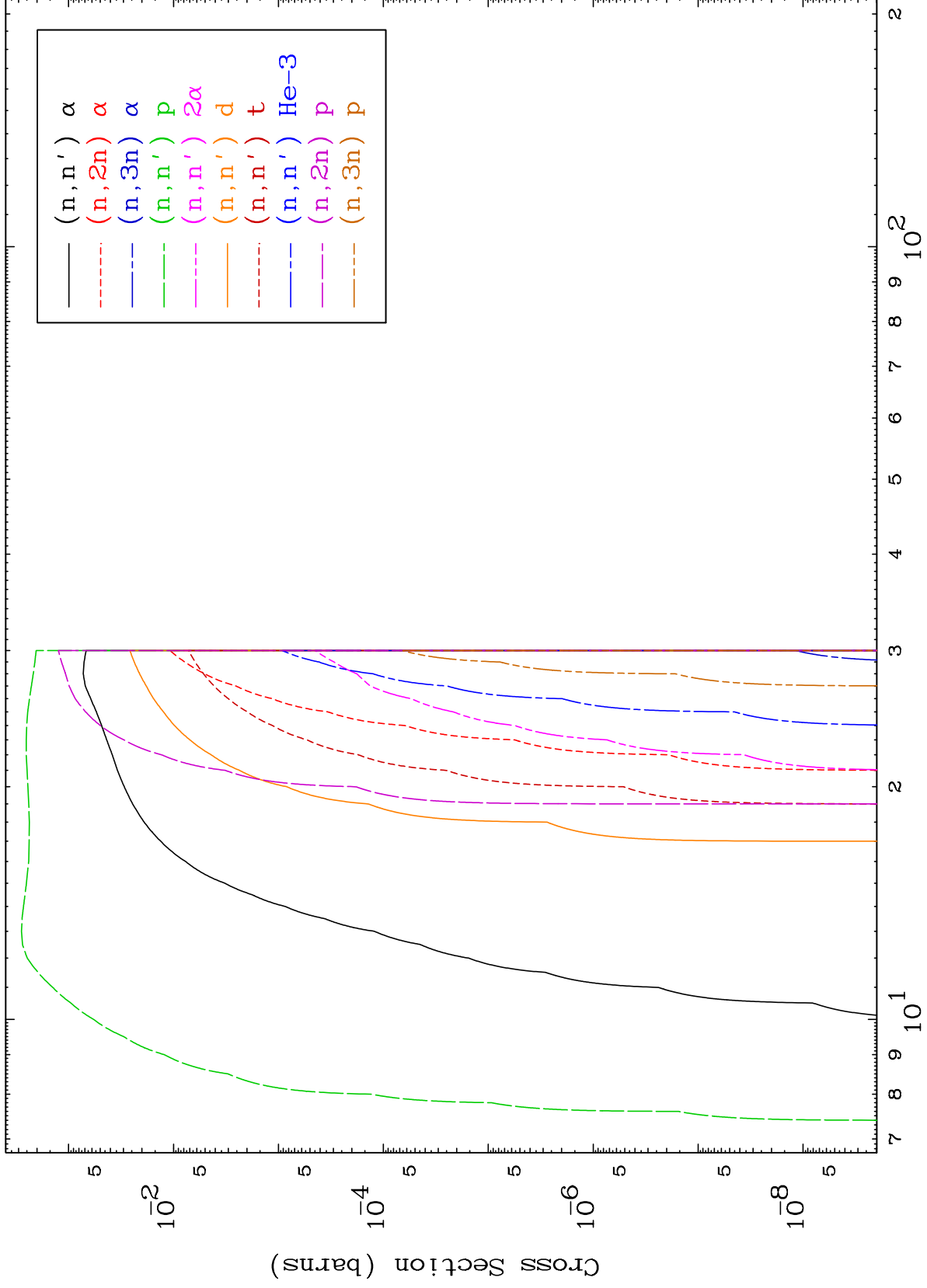
21-Sc-45



MAT 2125

Charged Particle
293 Kelvin Cross Sections

21-Sc-45



4

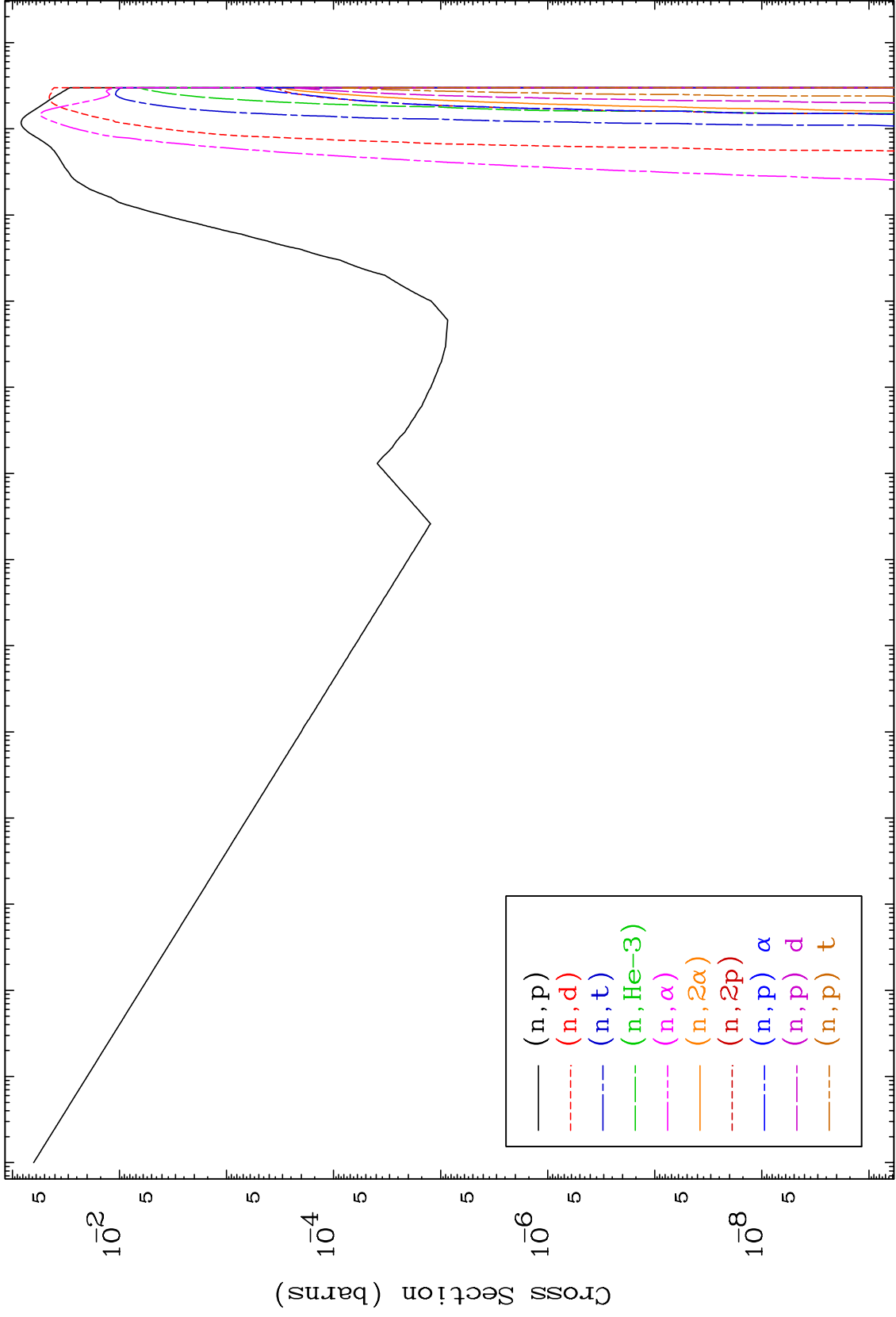
Incident Energy (MeV)

21-Sc-45

MAT 2125

Charged Particle
293 Kelvin Cross Sections

21-Sc-45



21-Sc-45

10^2

10^0

10^{-2}

10^{-4}

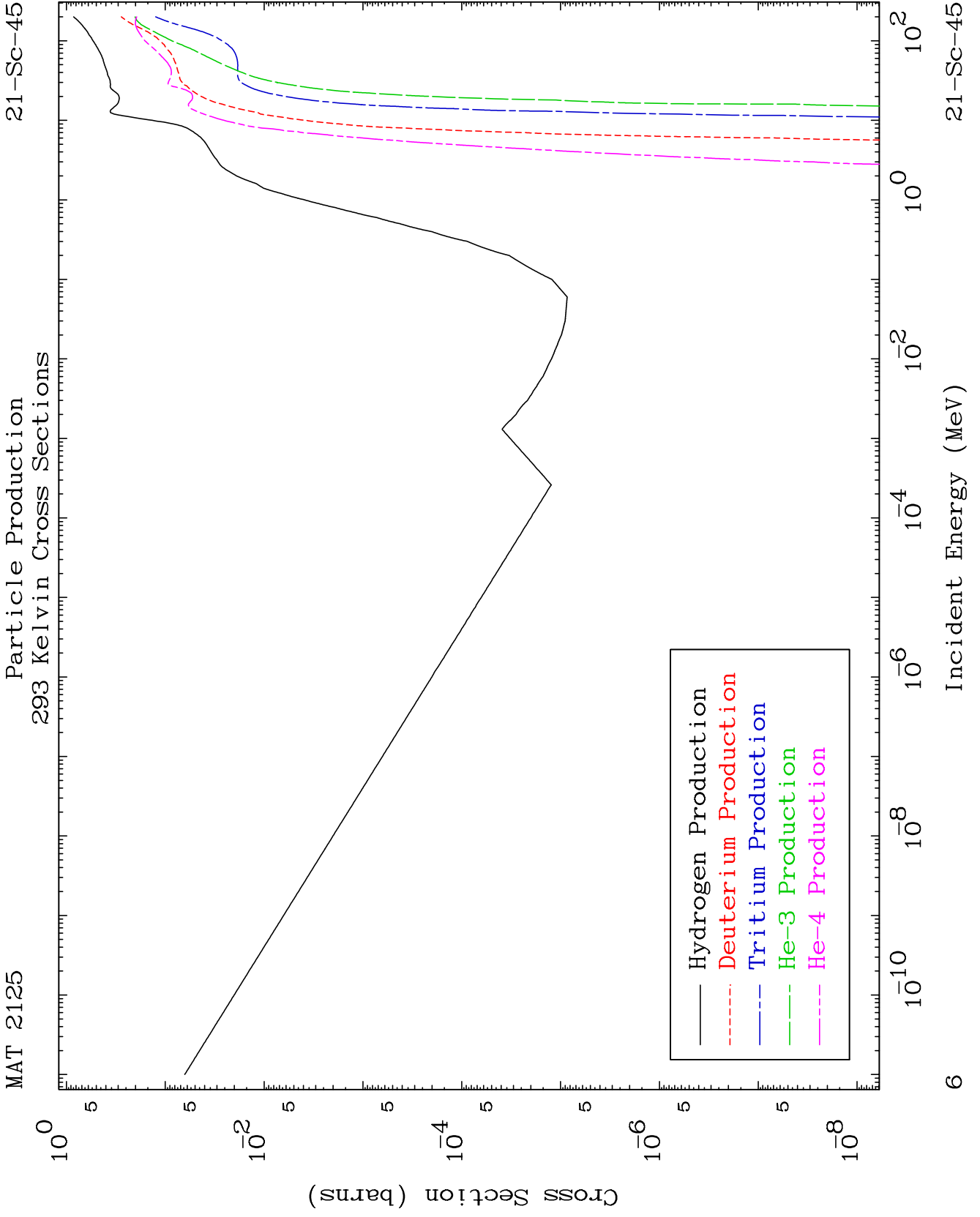
10^{-6}

10^{-8}

10^{-10}

Incident Energy (MeV)

5

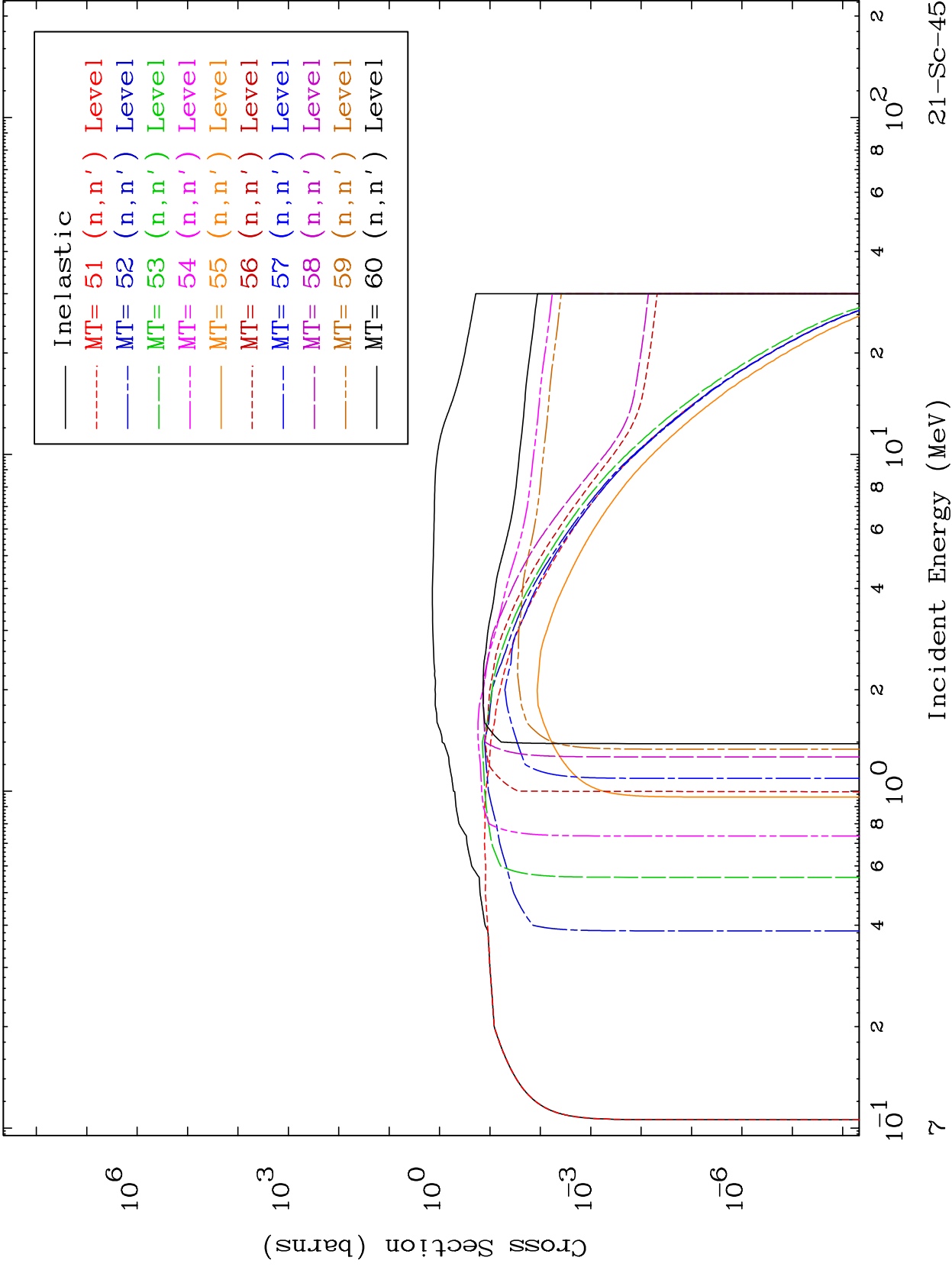


MAT 2125

(n,n') Level

21-Sc-45

293 Kelvin Cross Sections



Incident Energy (MeV)

21-Sc-45

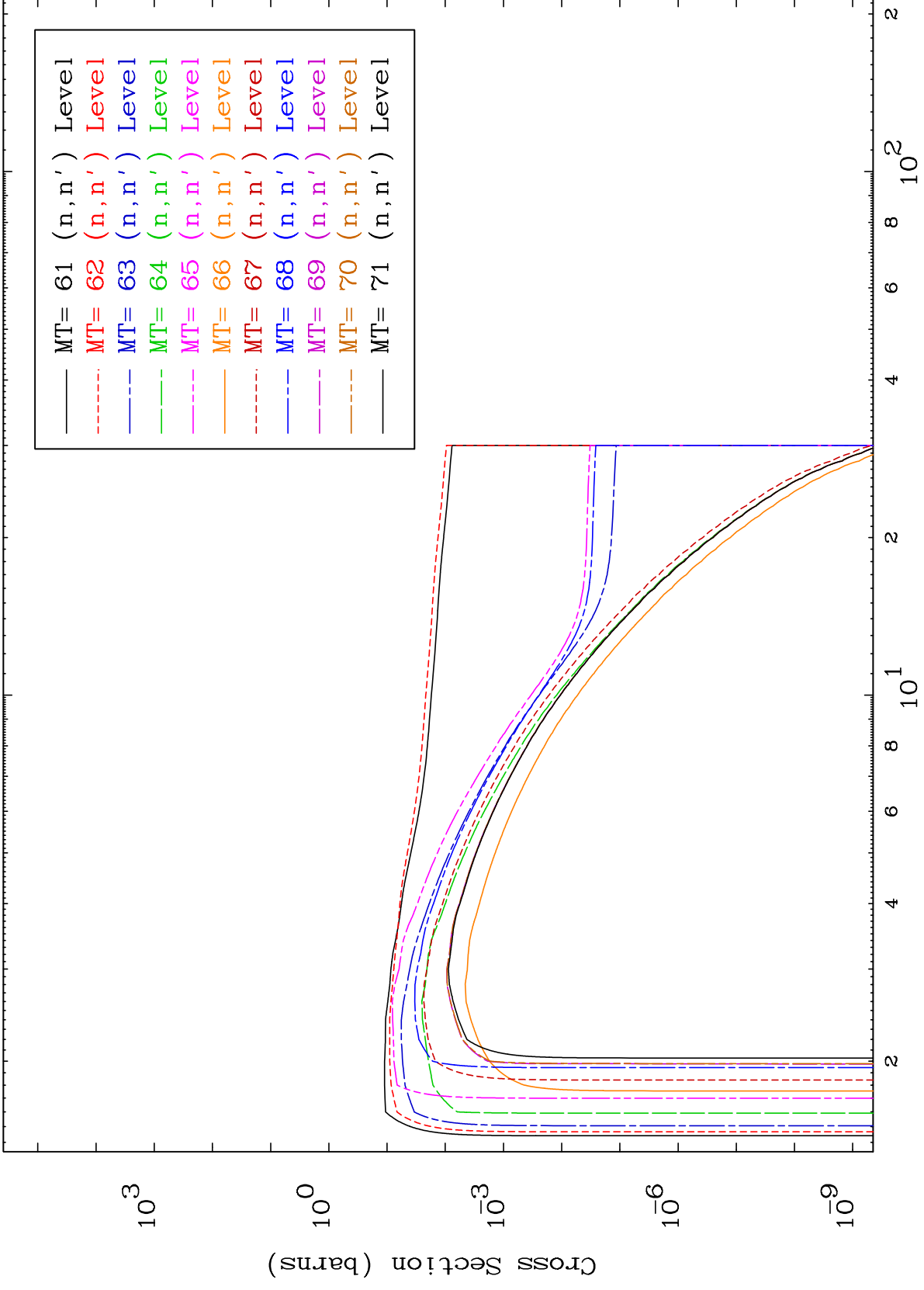
7

MAT 2125

(n,n') Level

21-Sc-45

293 Kelvin Cross Sections



8

Incident Energy (MeV)

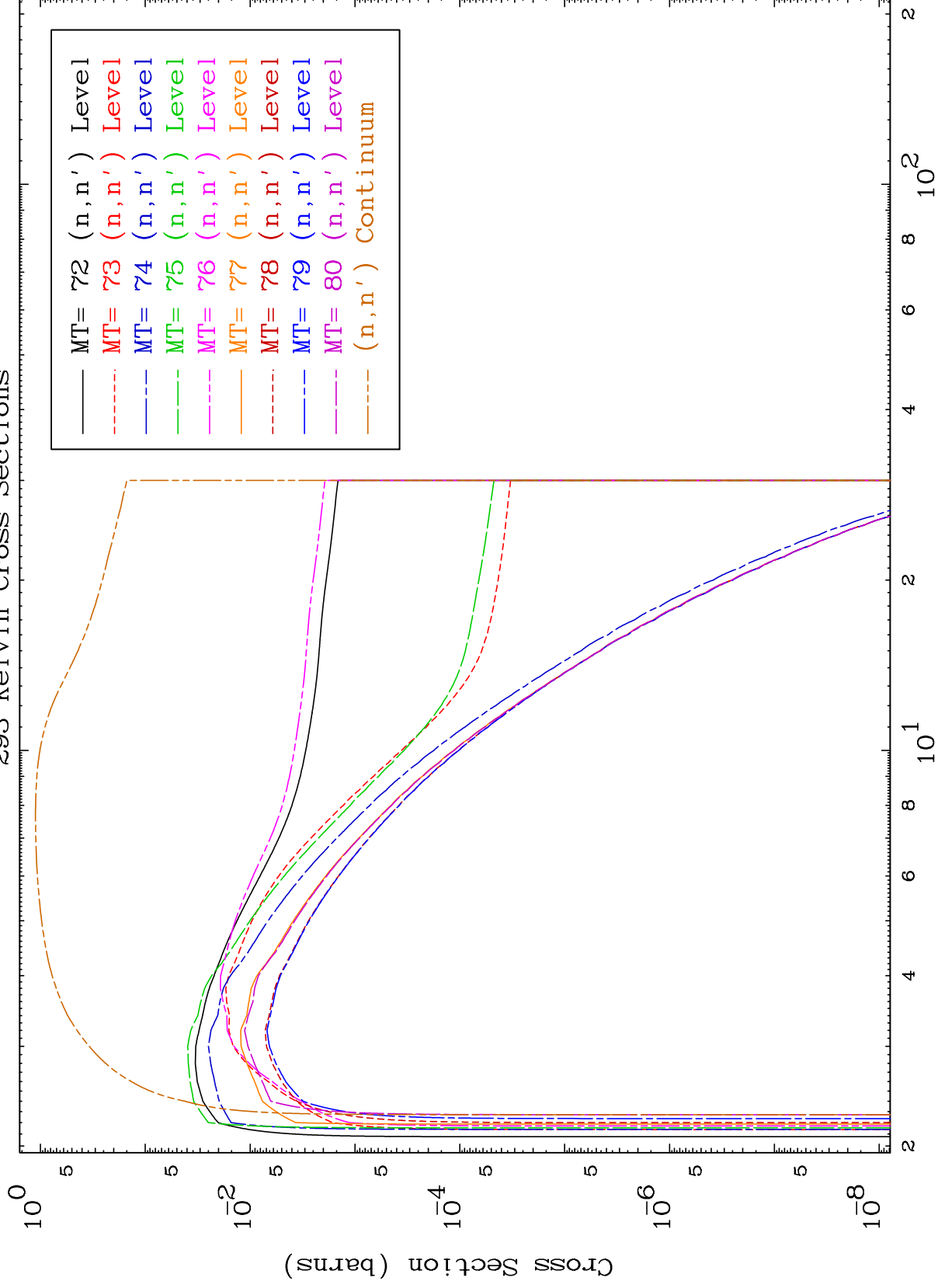
21-Sc-45

MAT 2125

(n,n') Level

21-Sc-45

293 Kelvin Cross Sections



9

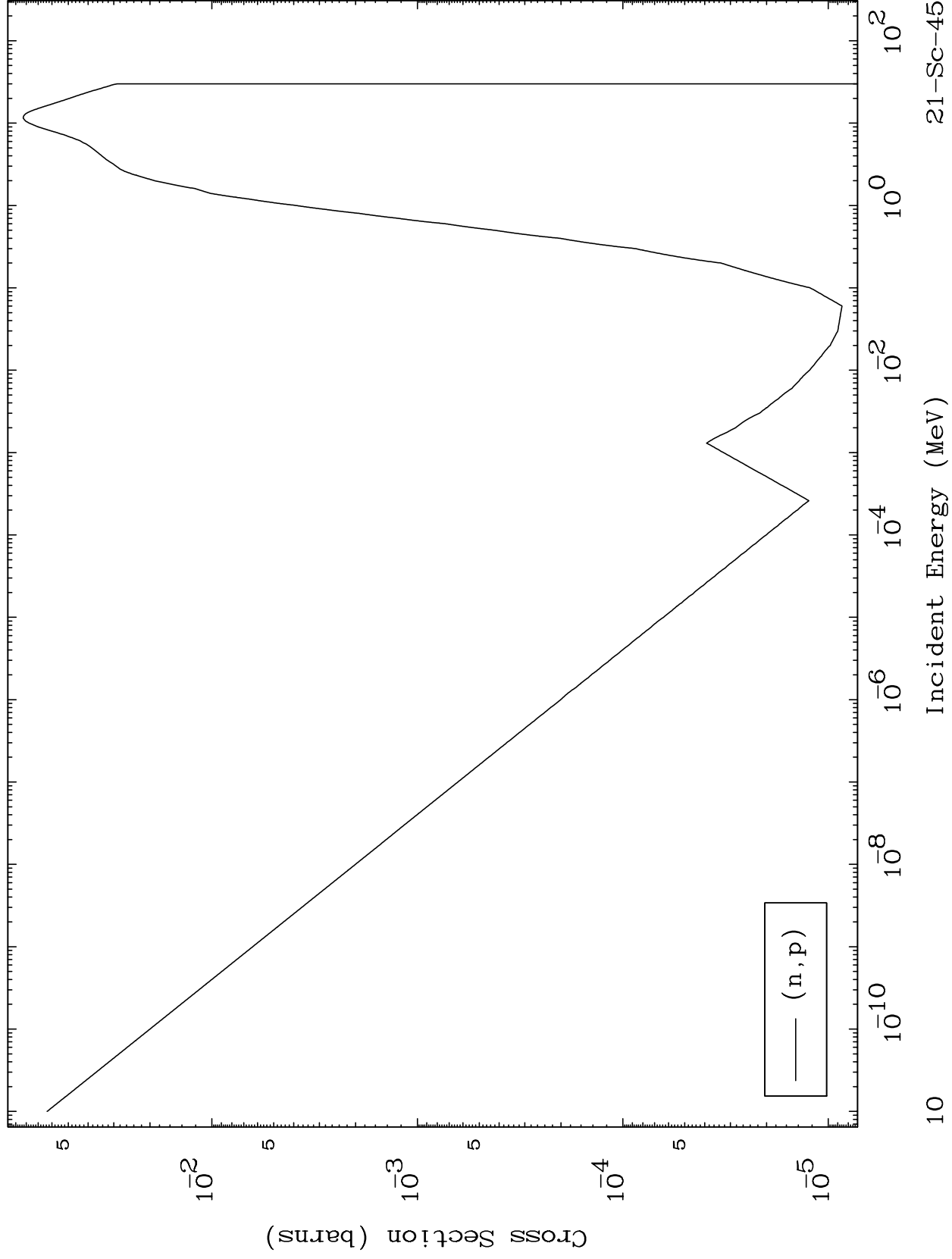
Incident Energy (MeV)

21-Sc-45

MAT 2125

(n,p) Levels
293 Kelvin Cross Sections

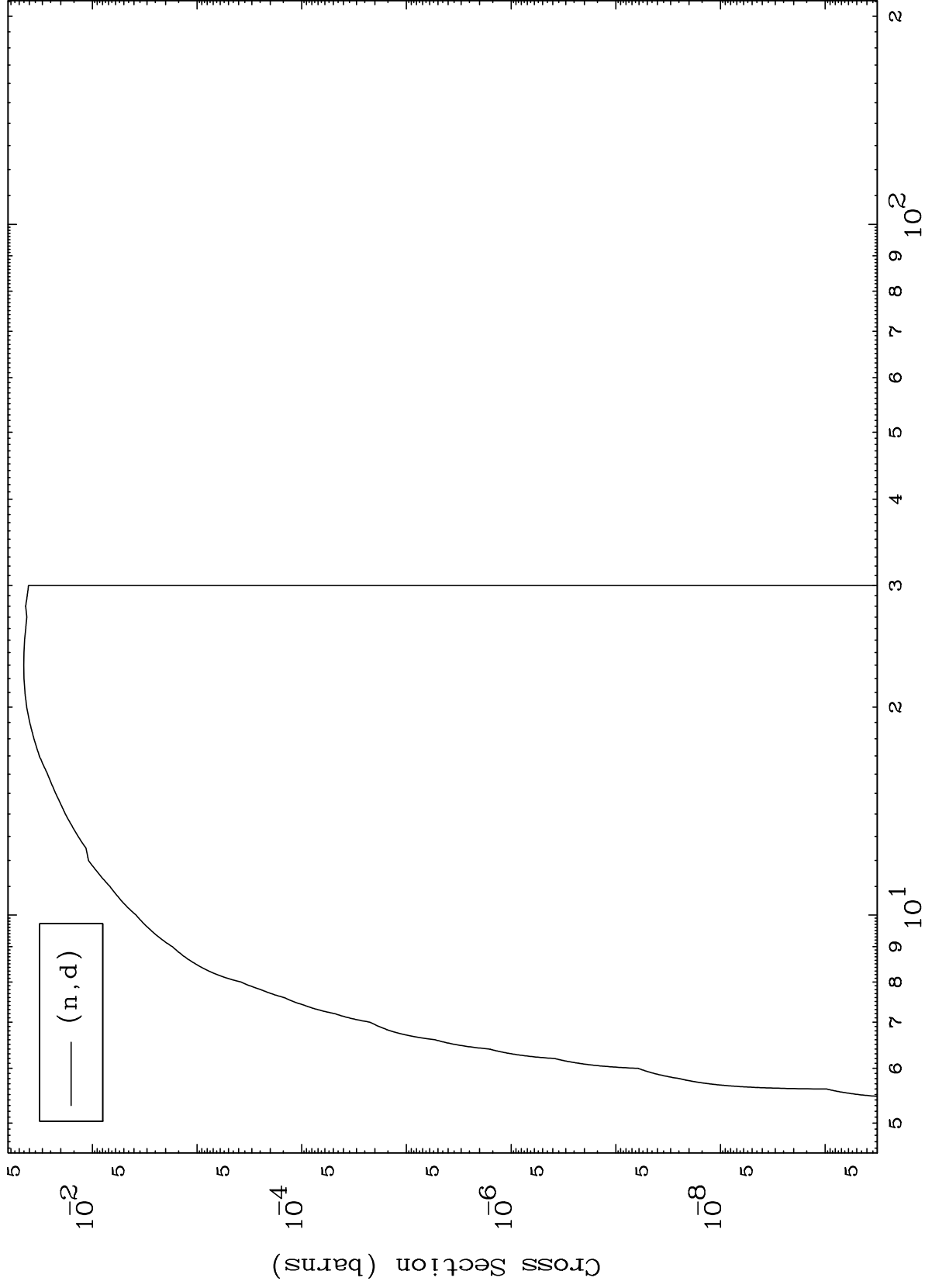
21-Sc-45



MAT 2125

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-45



11

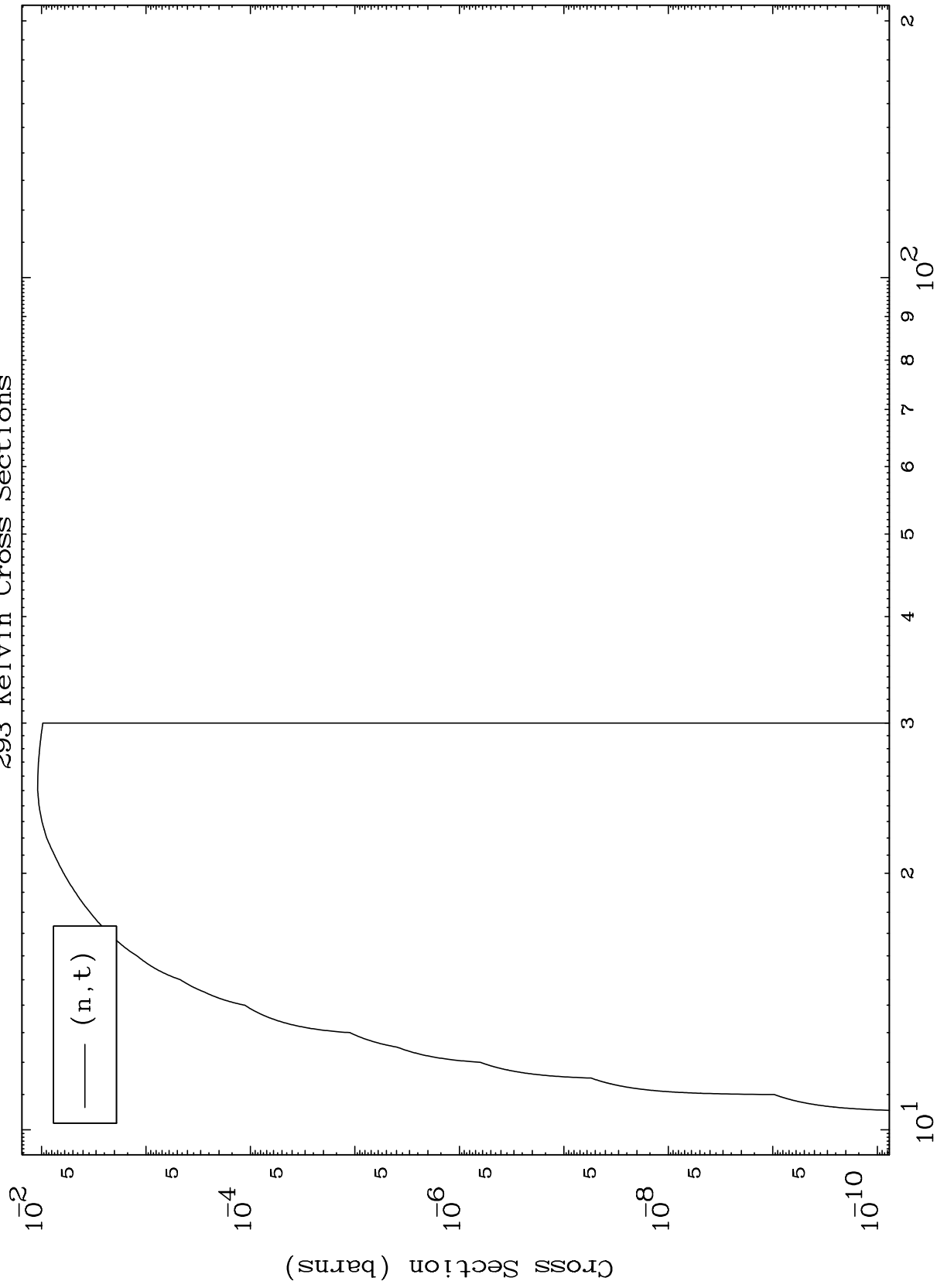
Incident Energy (MeV)

21-Sc-45

MAT 2125

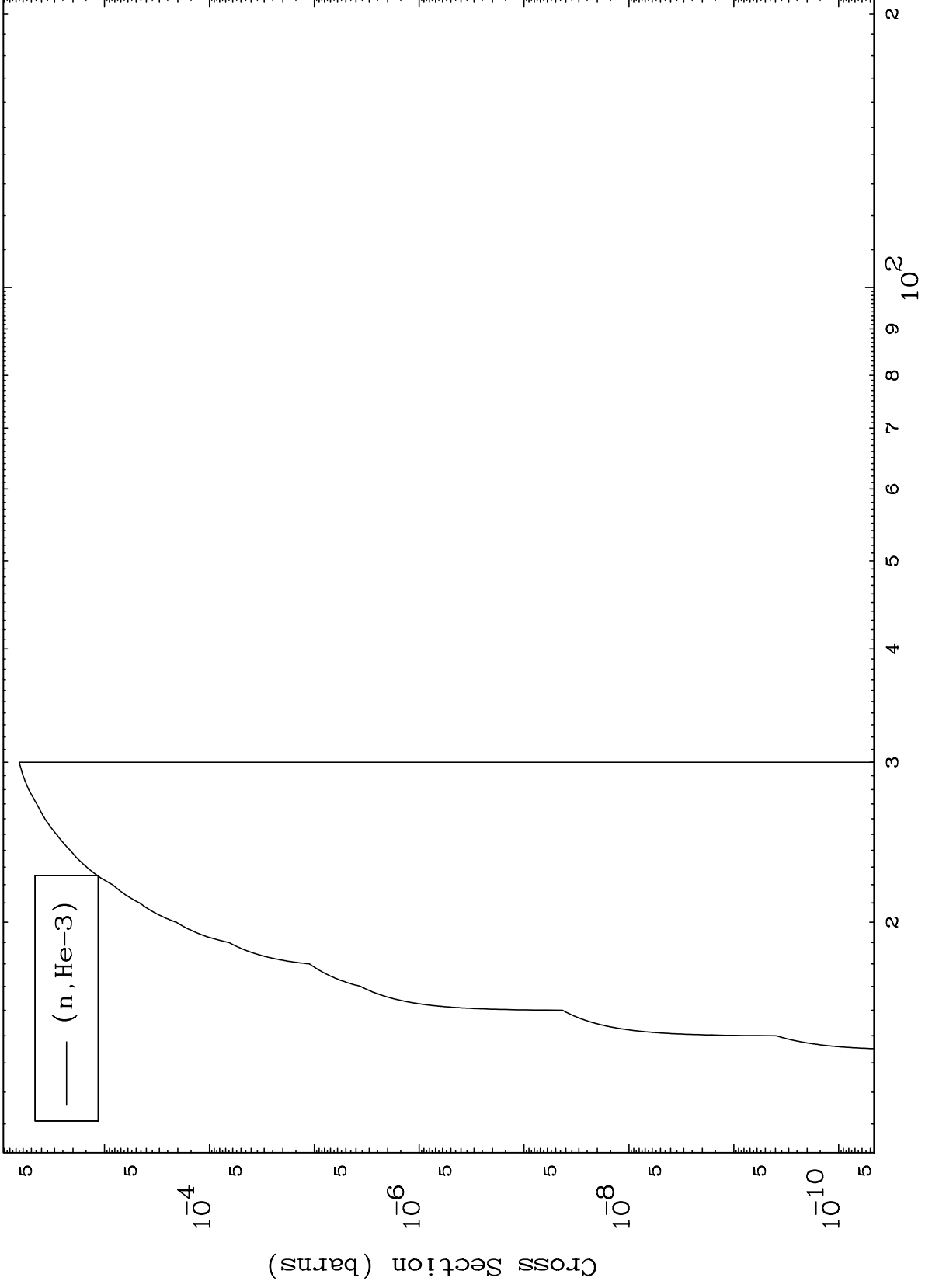
(n,t) Levels
293 Kelvin Cross Sections

21-Sc-45



Incident Energy (MeV)

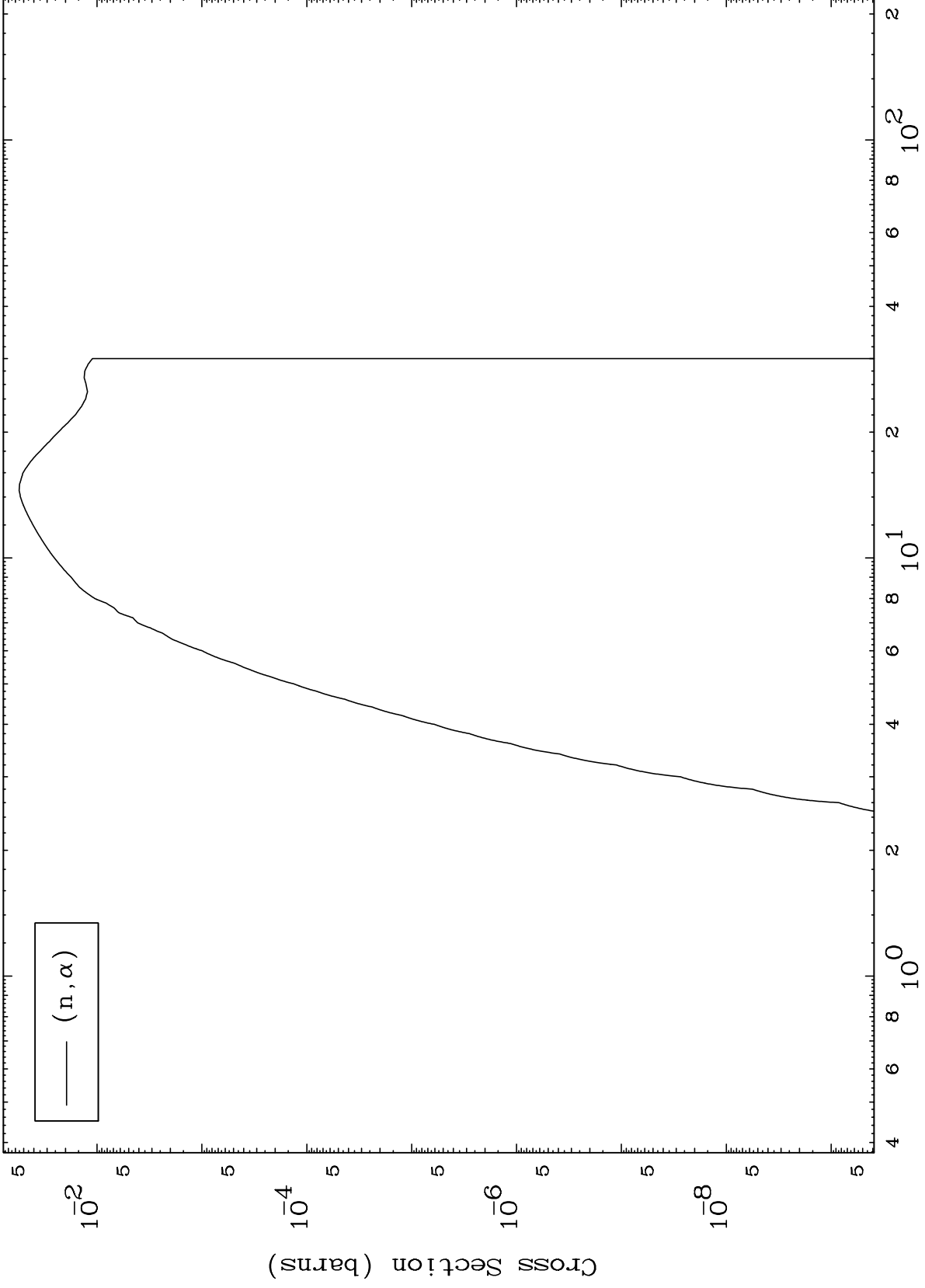
21-Sc-45



MAT 2125

(n, α) Levels
293 Kelvin Cross Sections

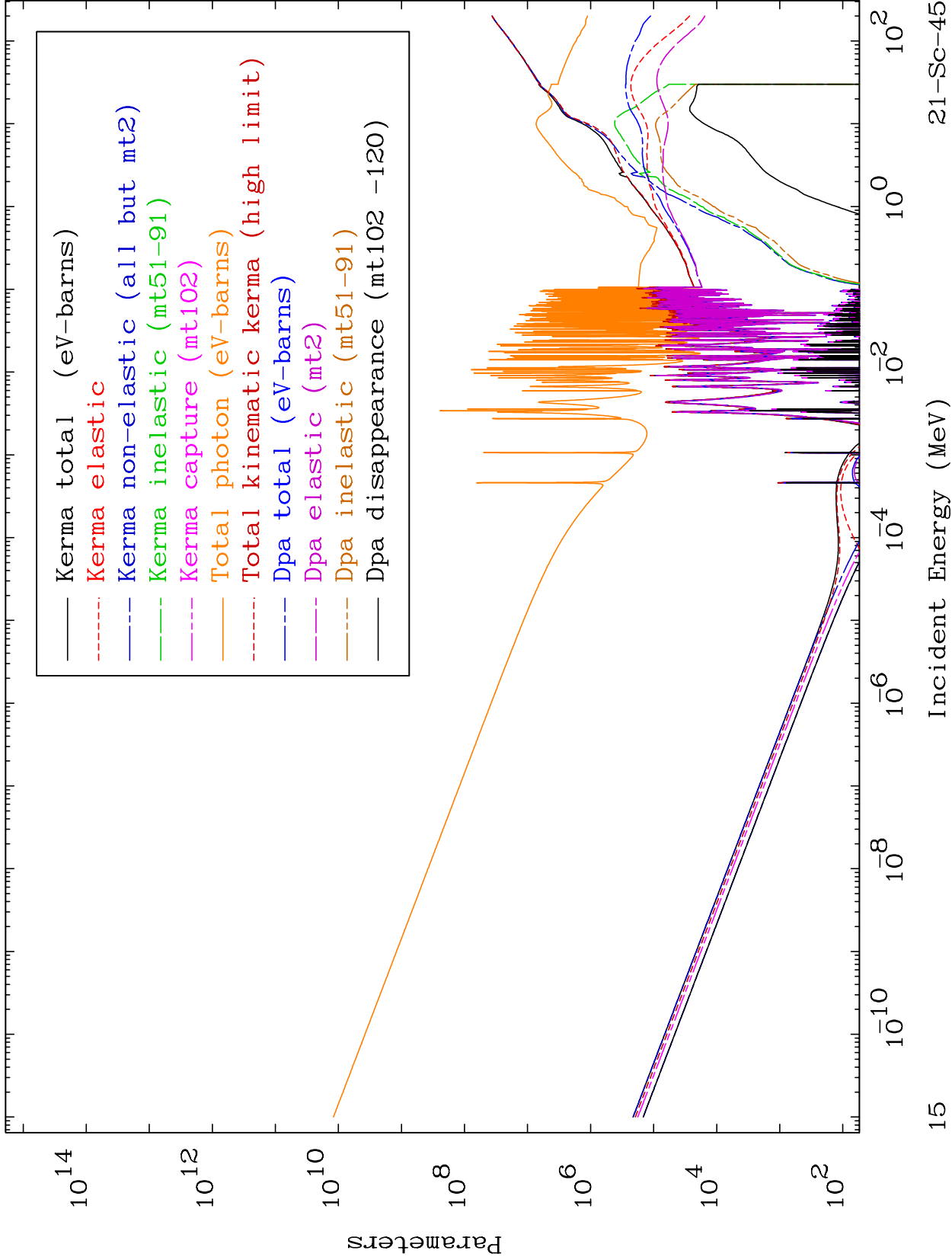
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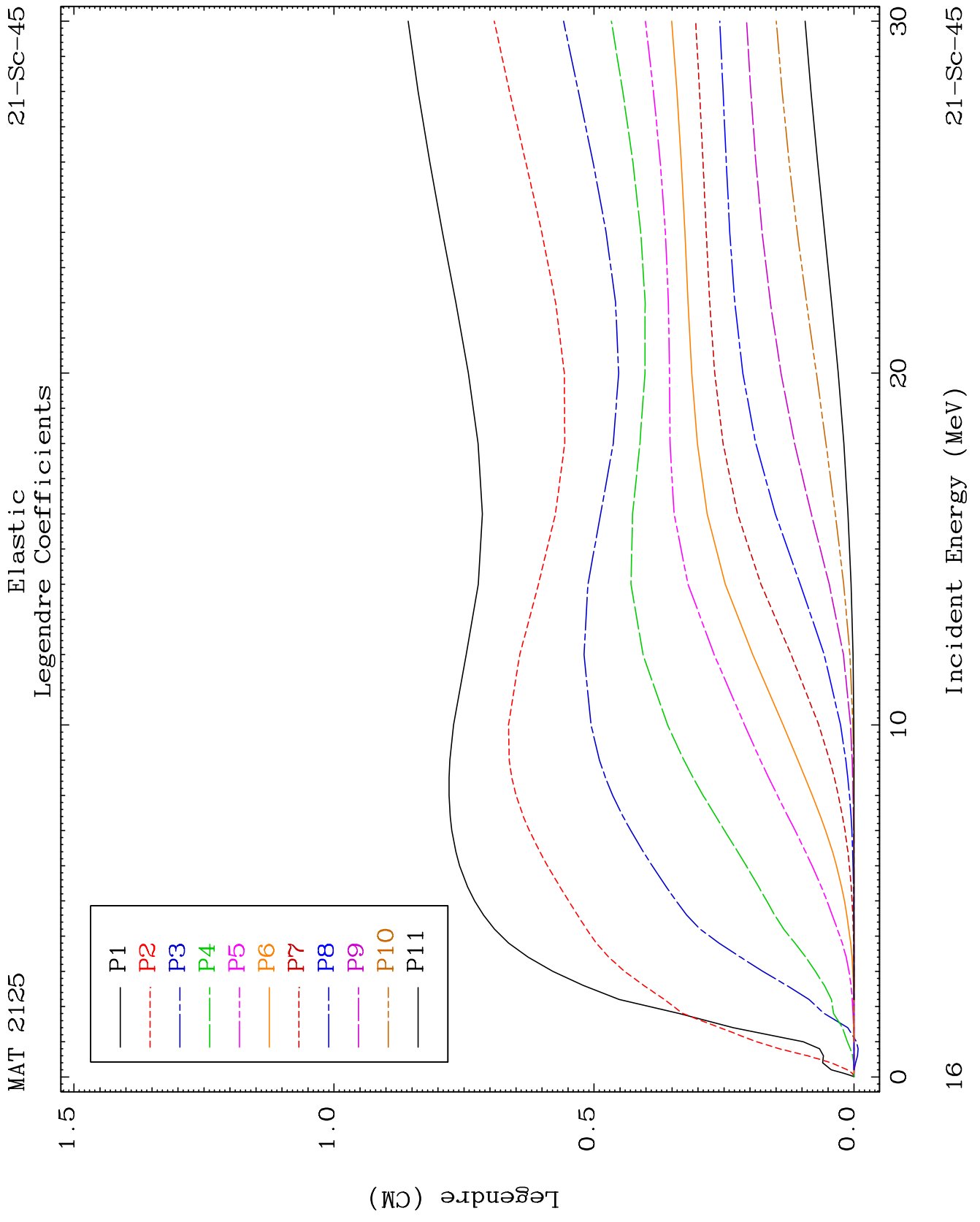


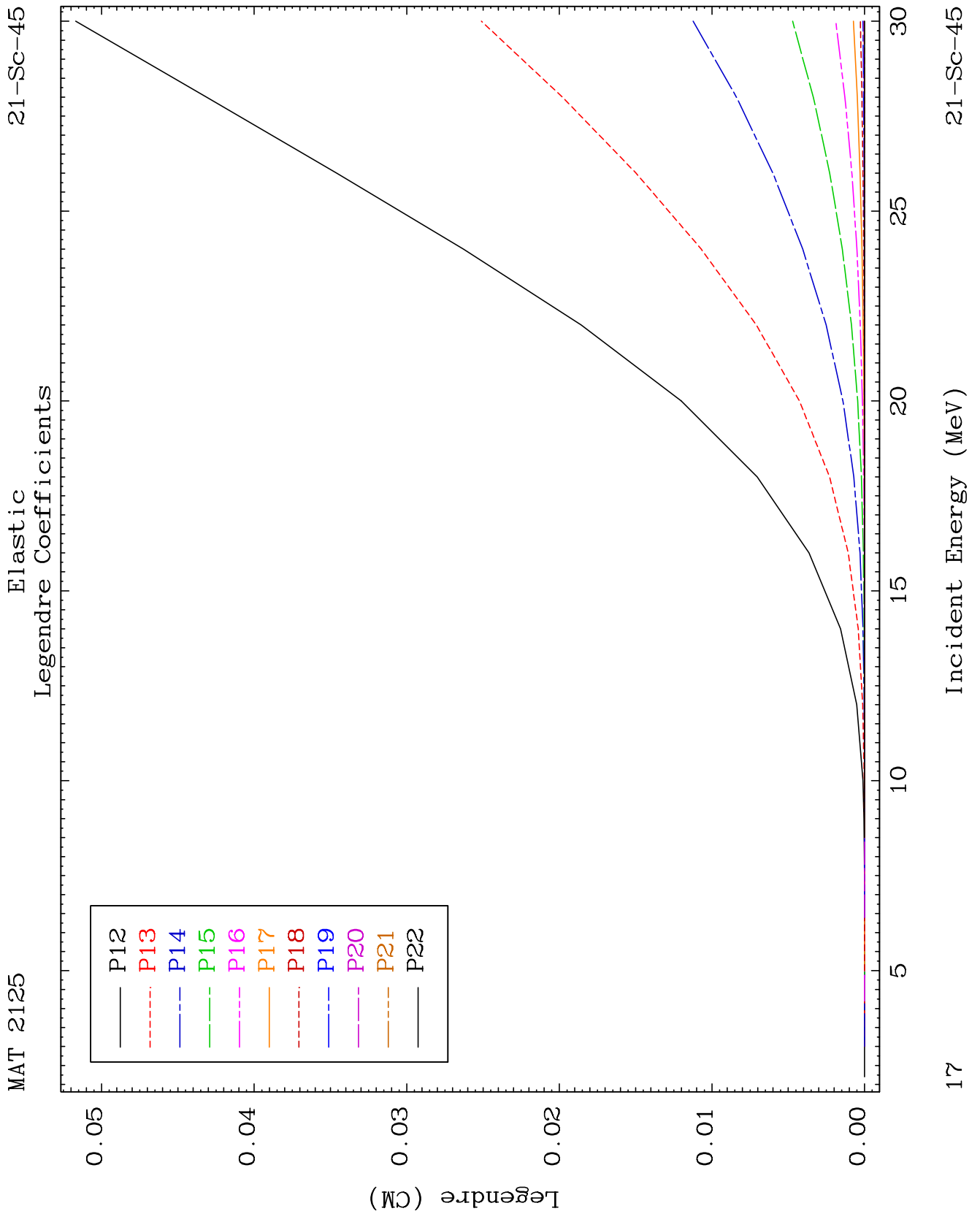
14

Incident Energy (MeV)

21-Sc-45



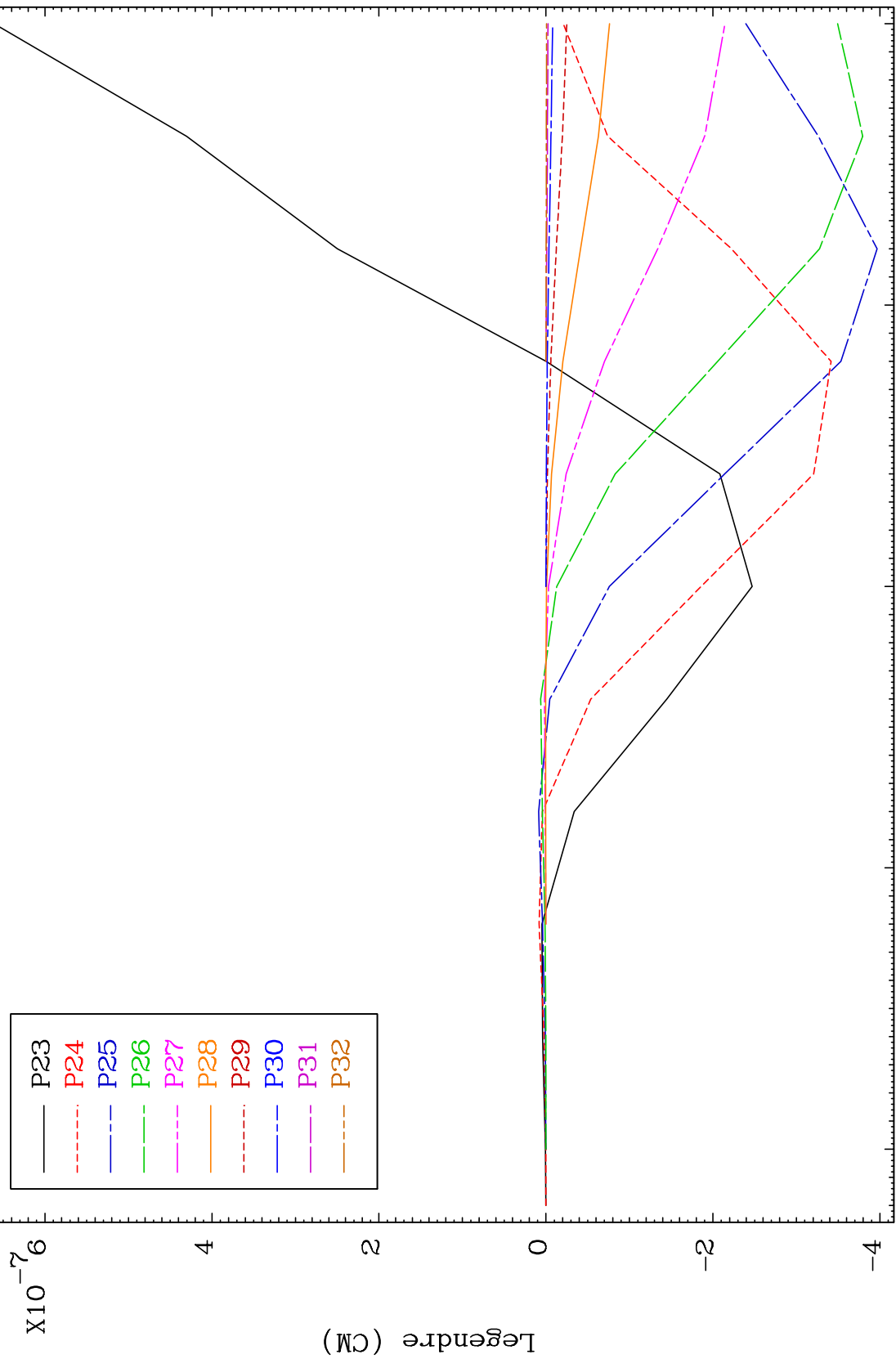
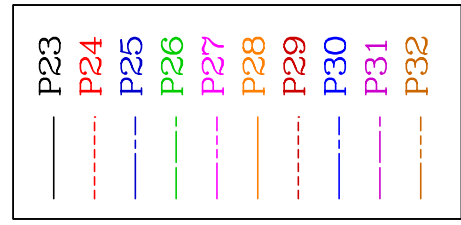




MAT 2125

Elastic Legendre Coefficients

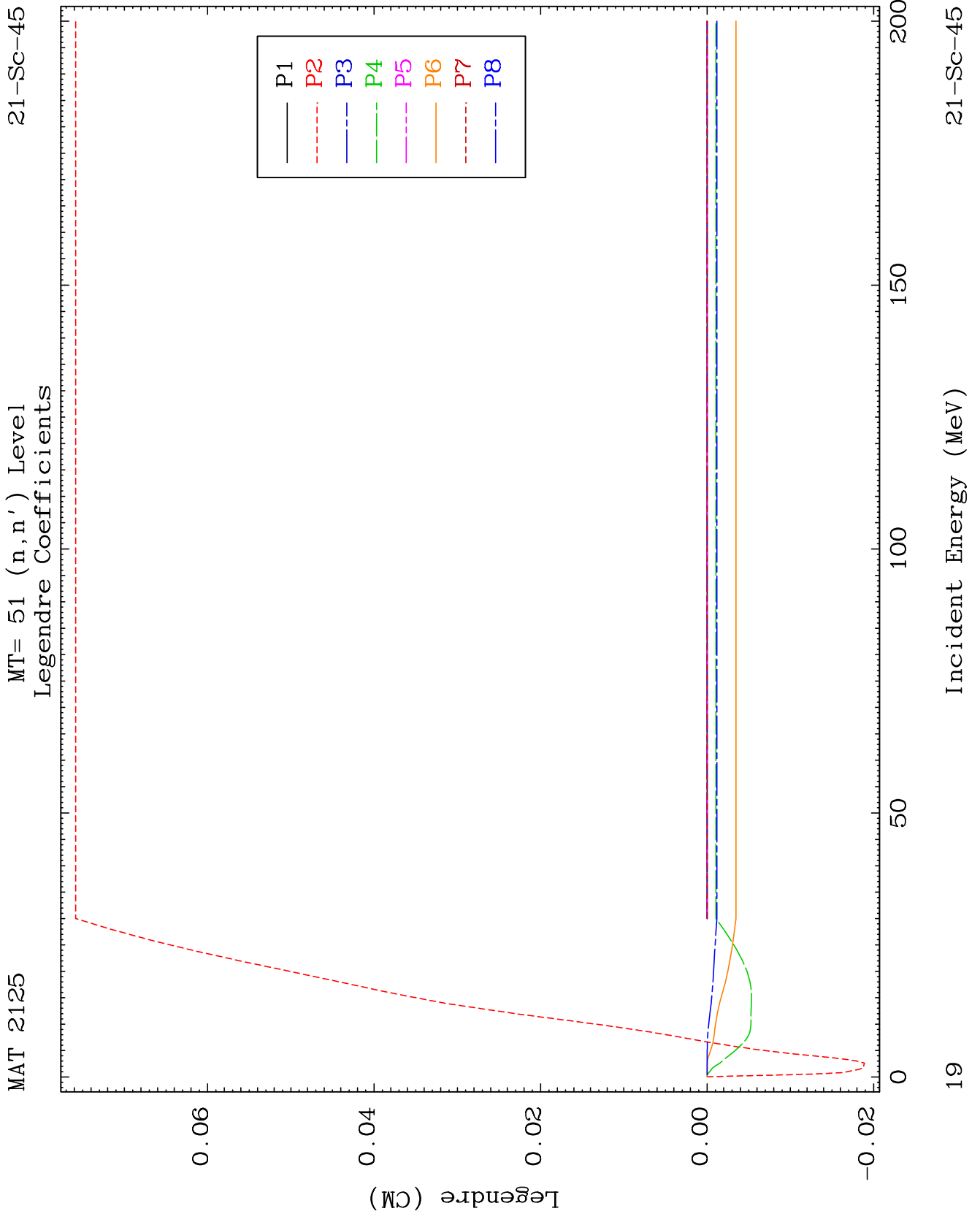
21-Sc-45

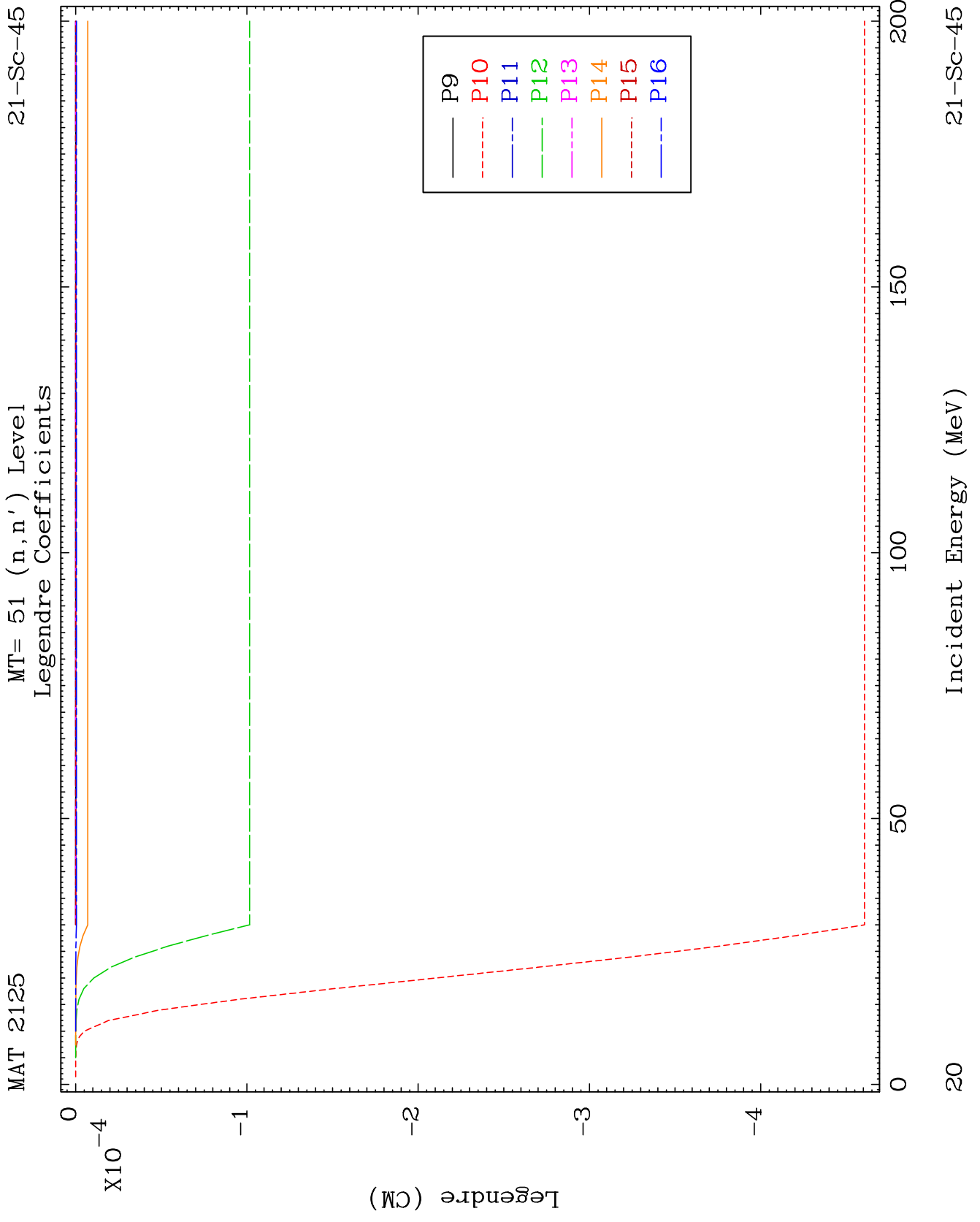


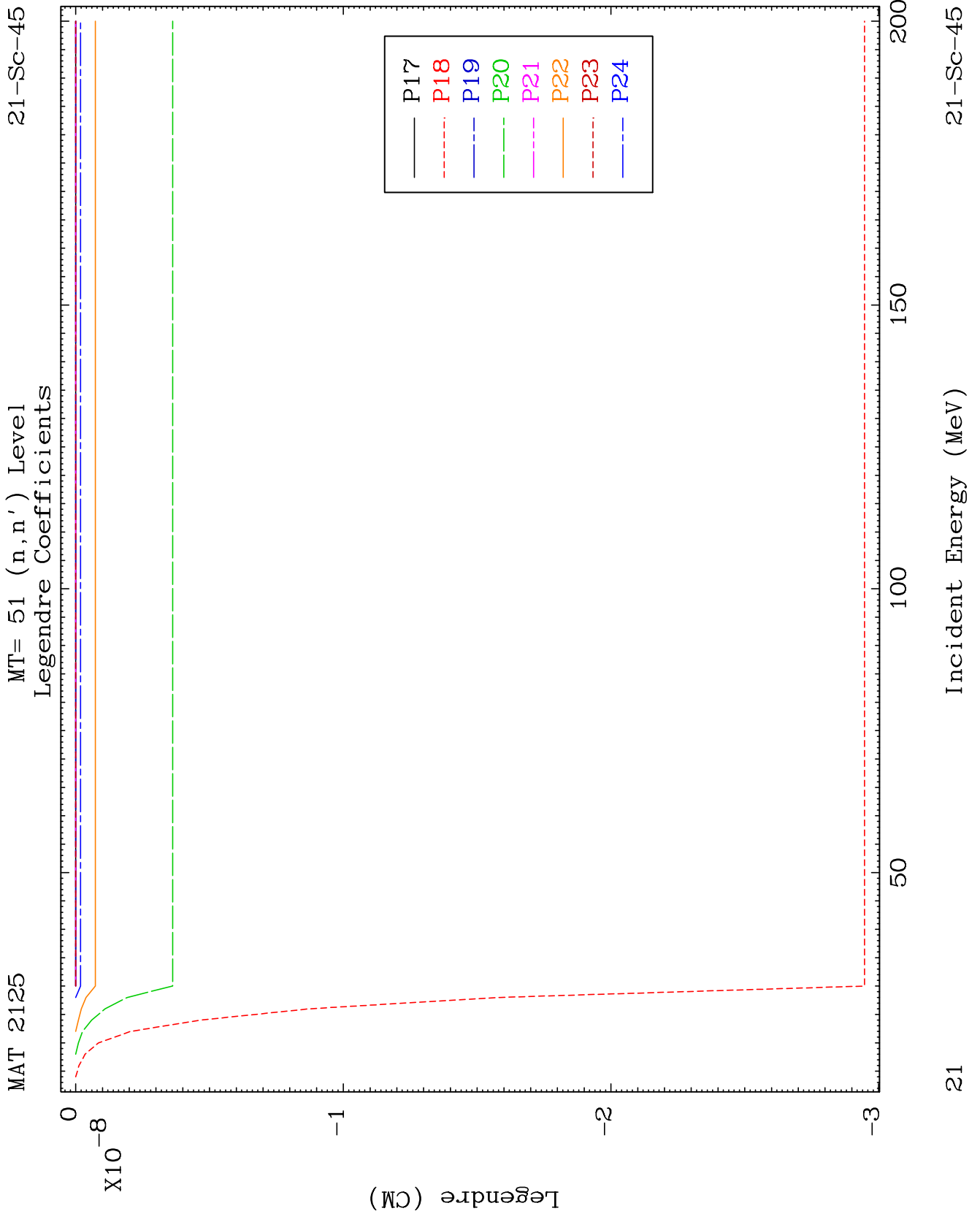
18

Incident Energy (MeV)

21-Sc-45



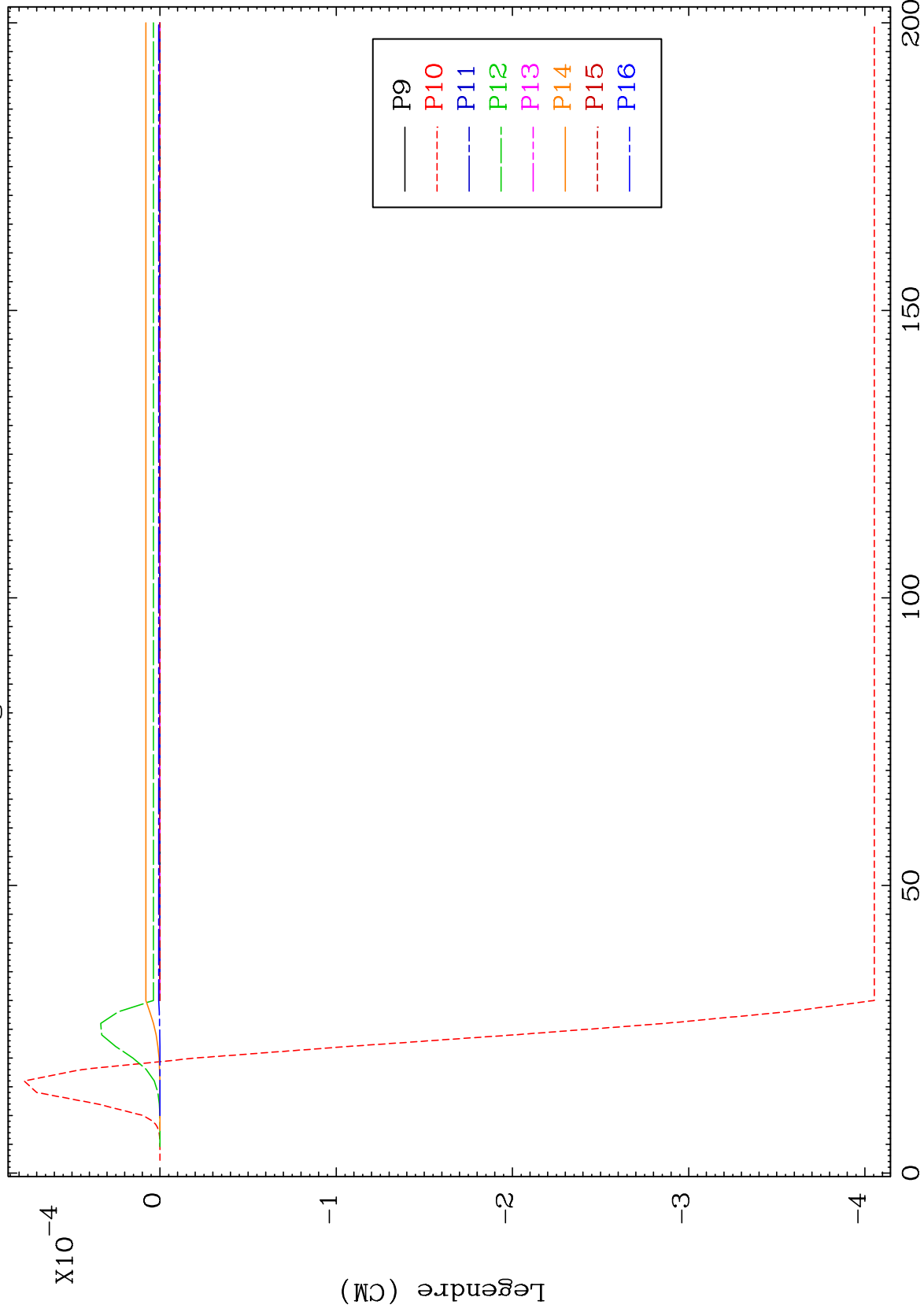




MAT 2125

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

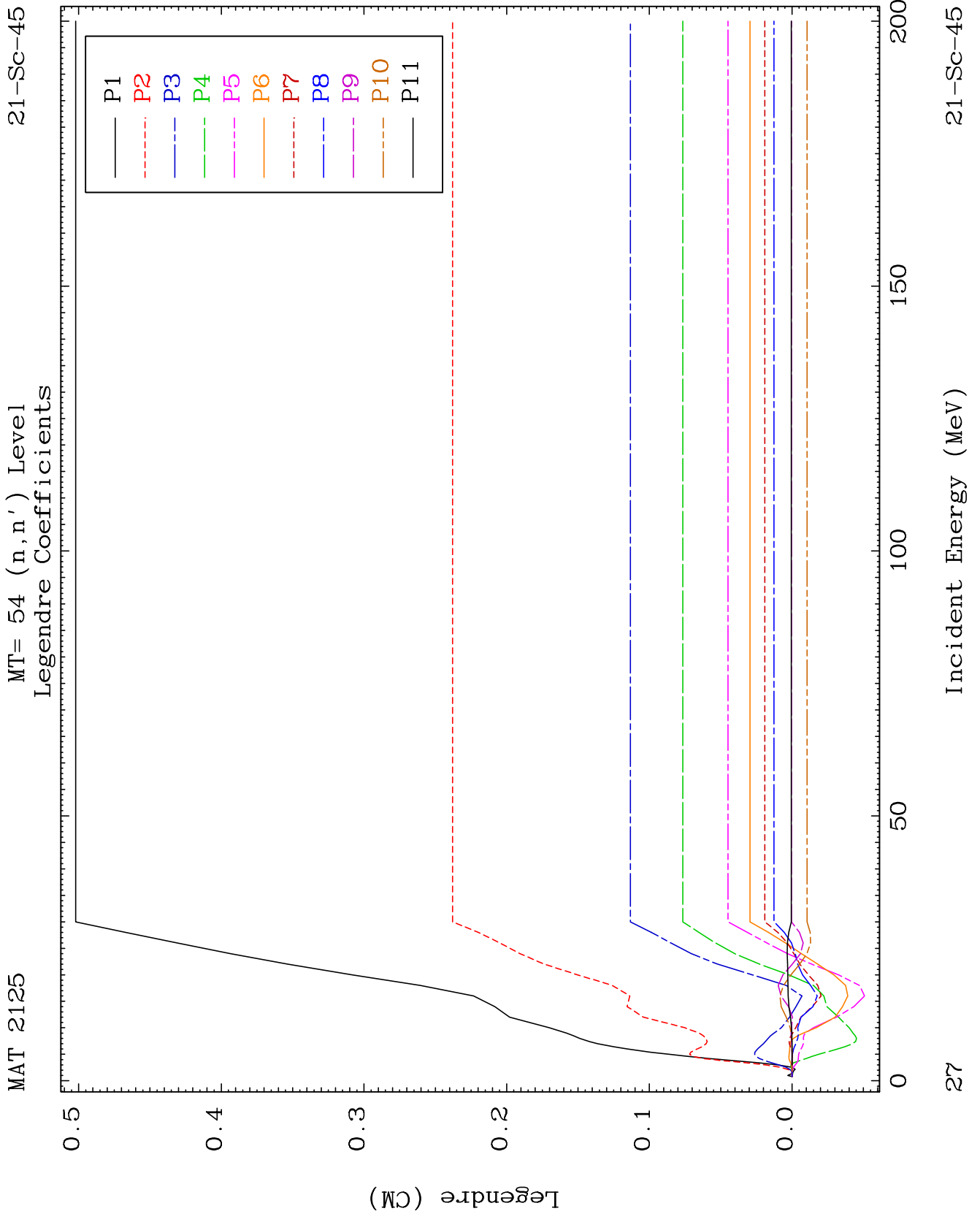
21-Sc-45



23

Incident Energy (MeV)

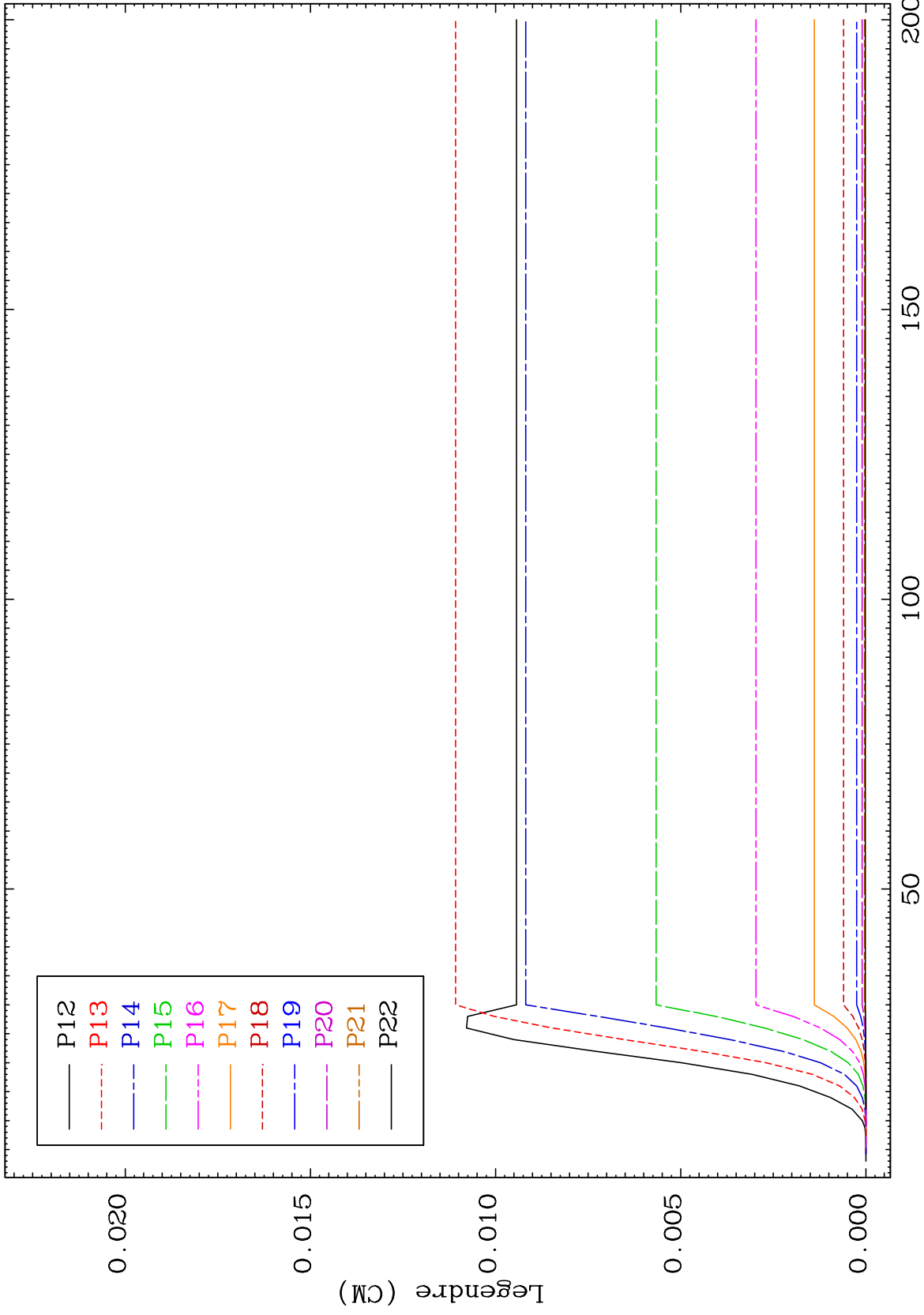
21-Sc-45



MAT 2125

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

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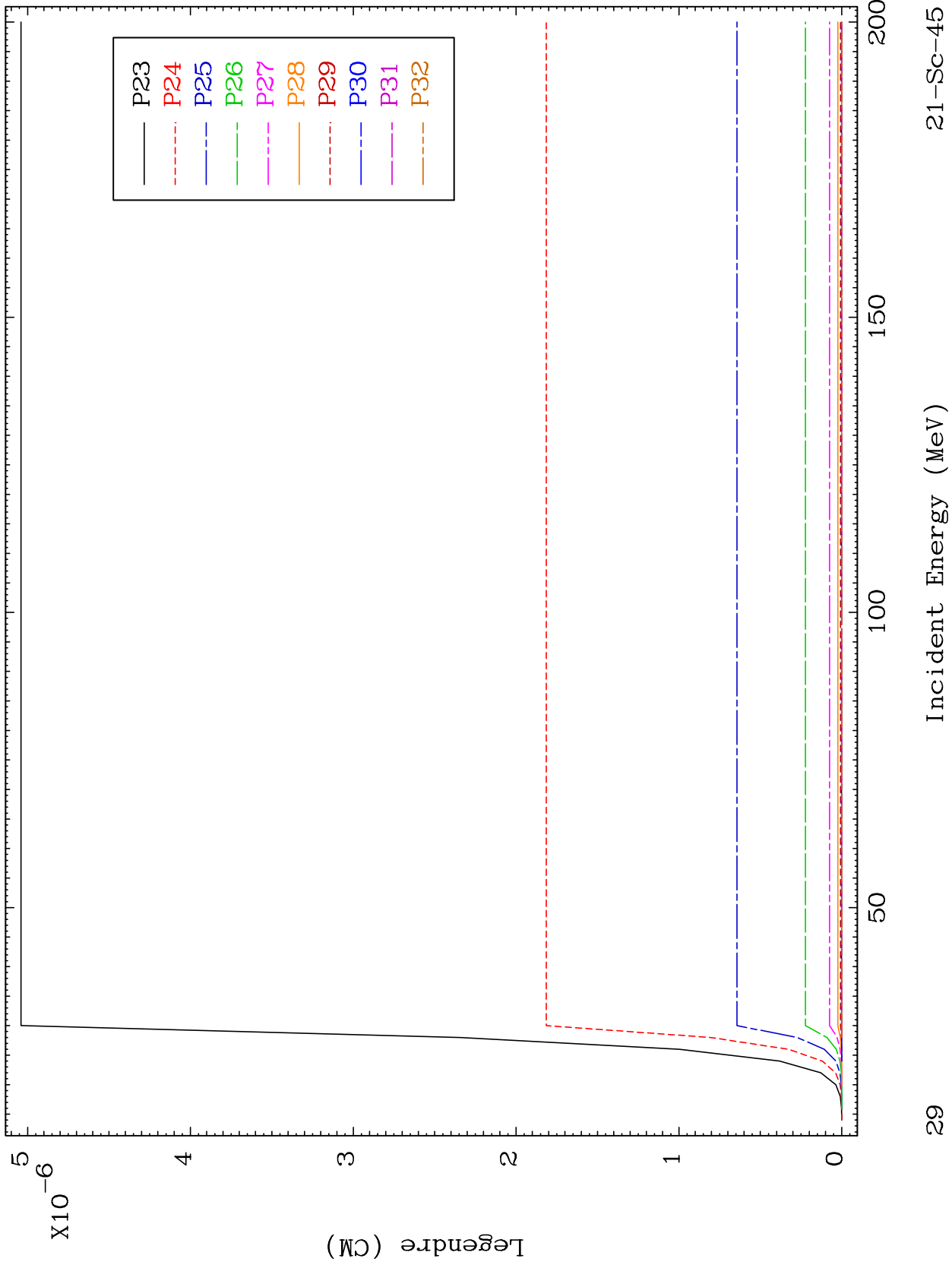
Incident Energy (MeV)

21-Sc-45

MAT 2125

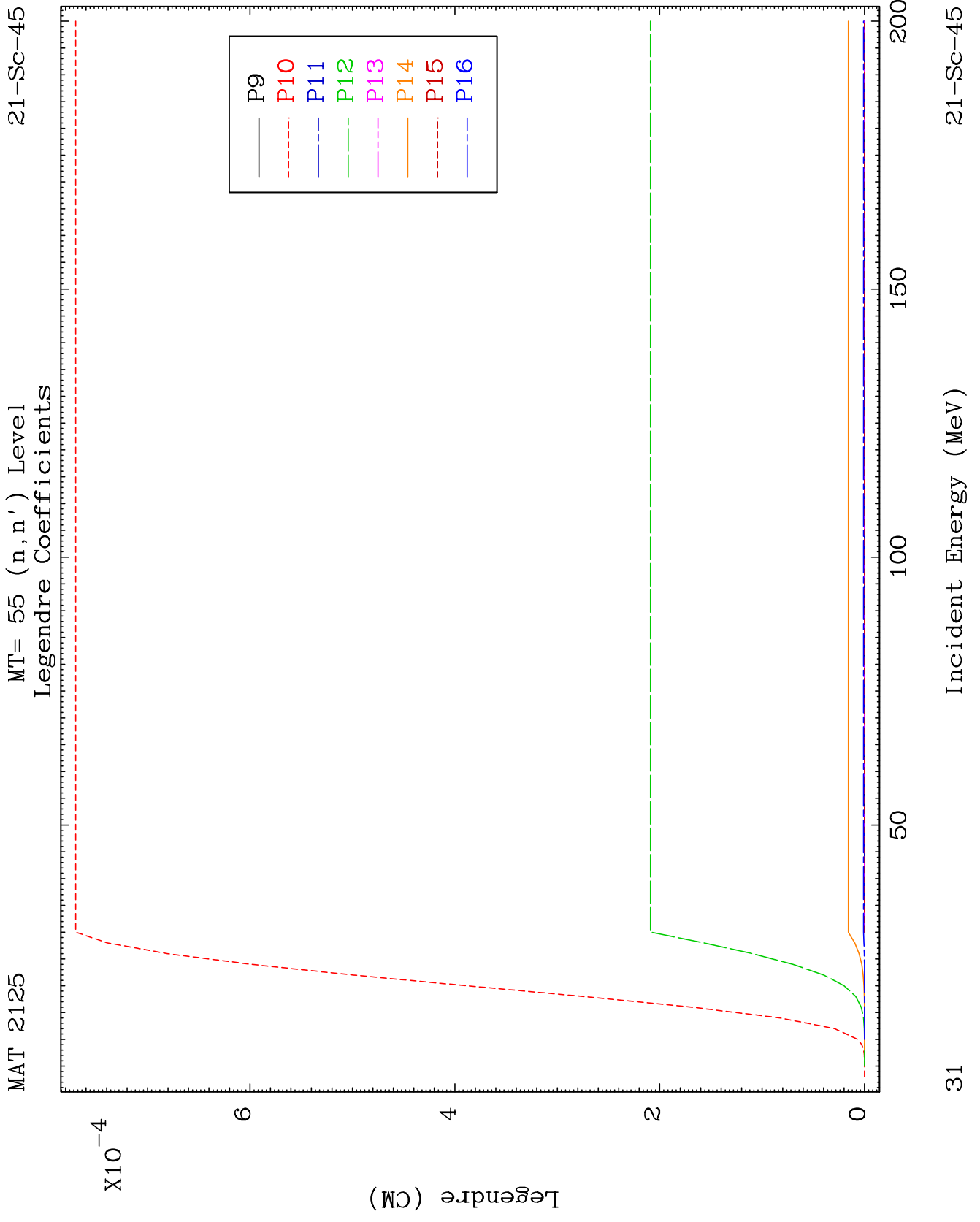
MT= 54 (n,n') Level
Legendre Coefficients

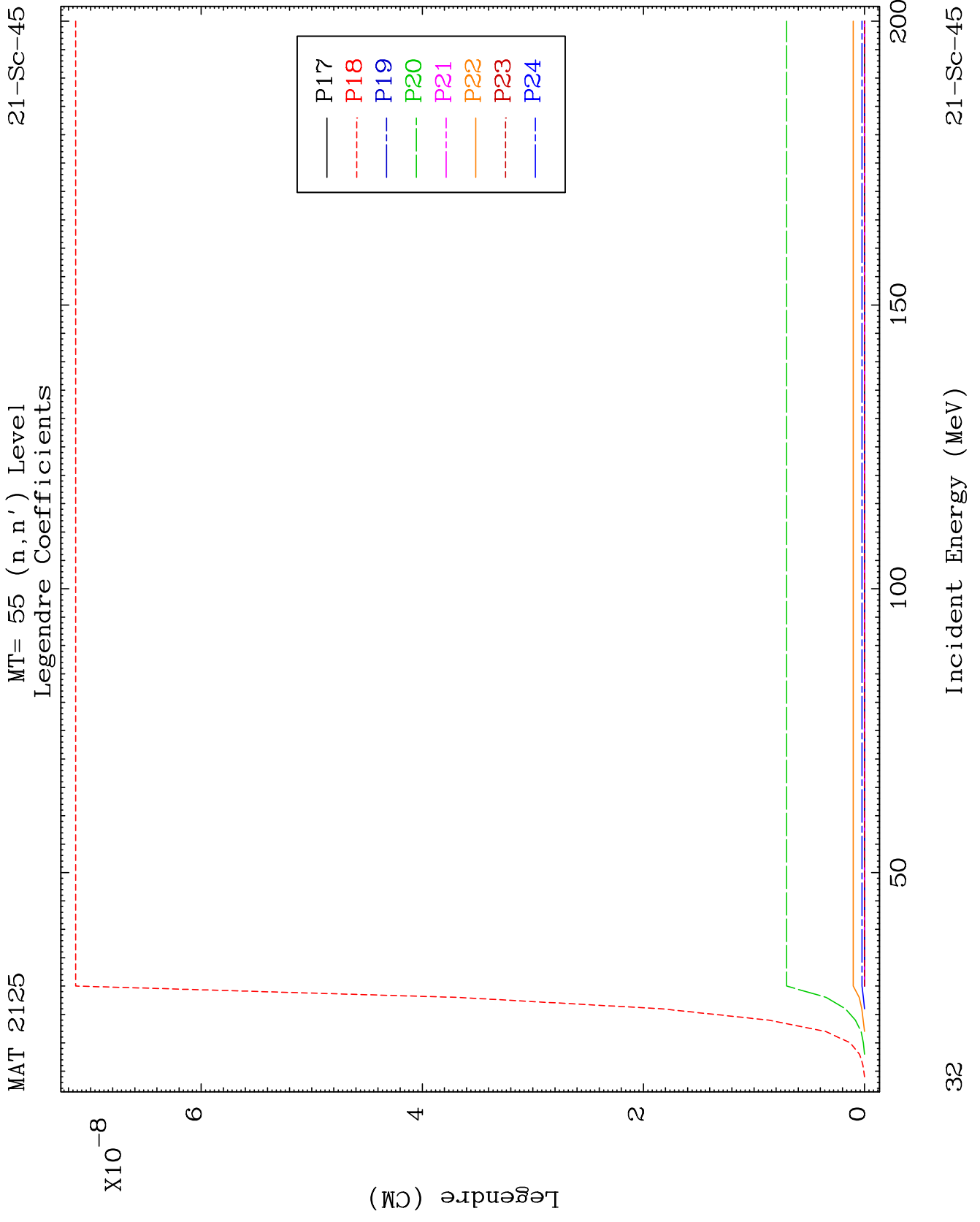
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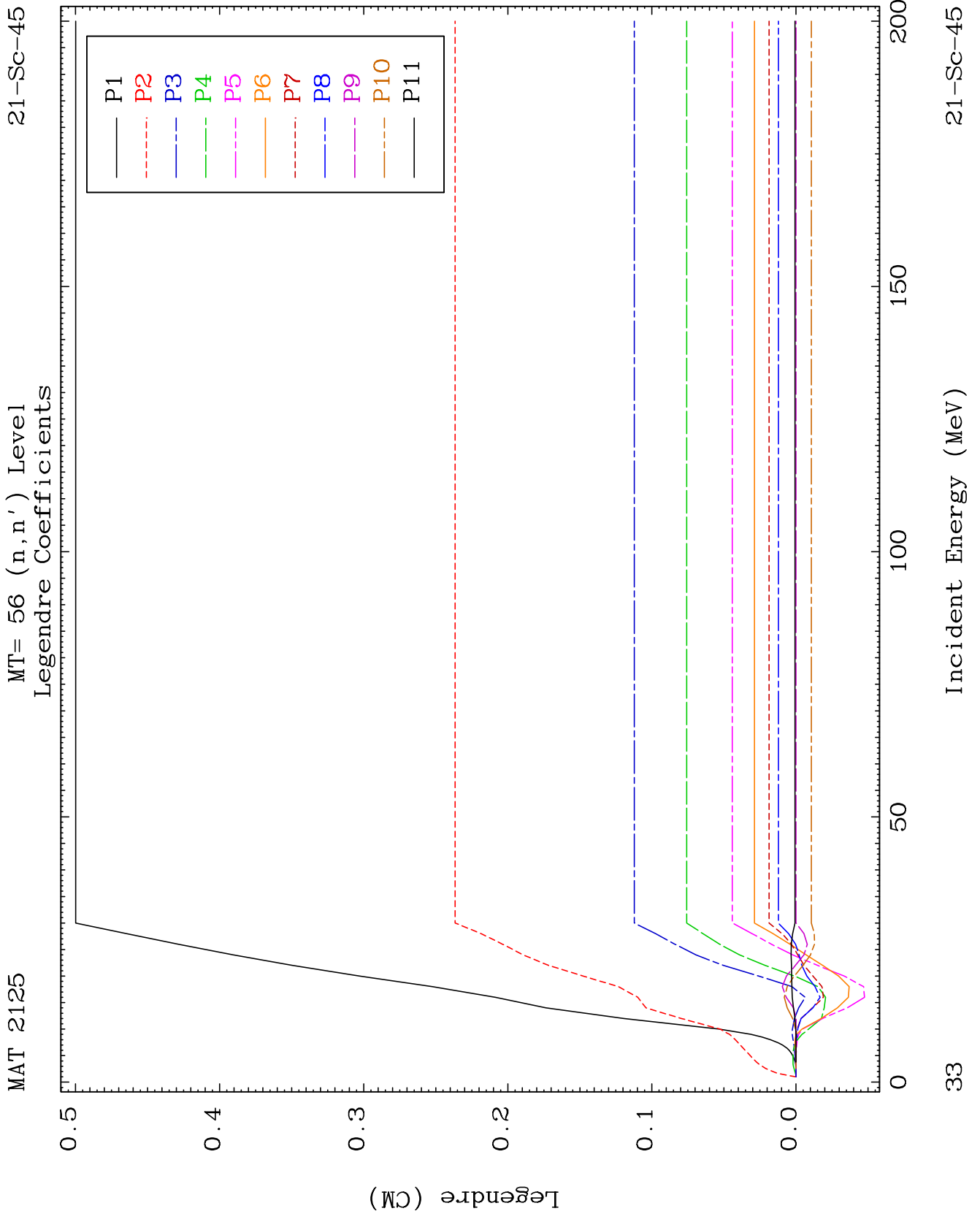


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21-Sc-45



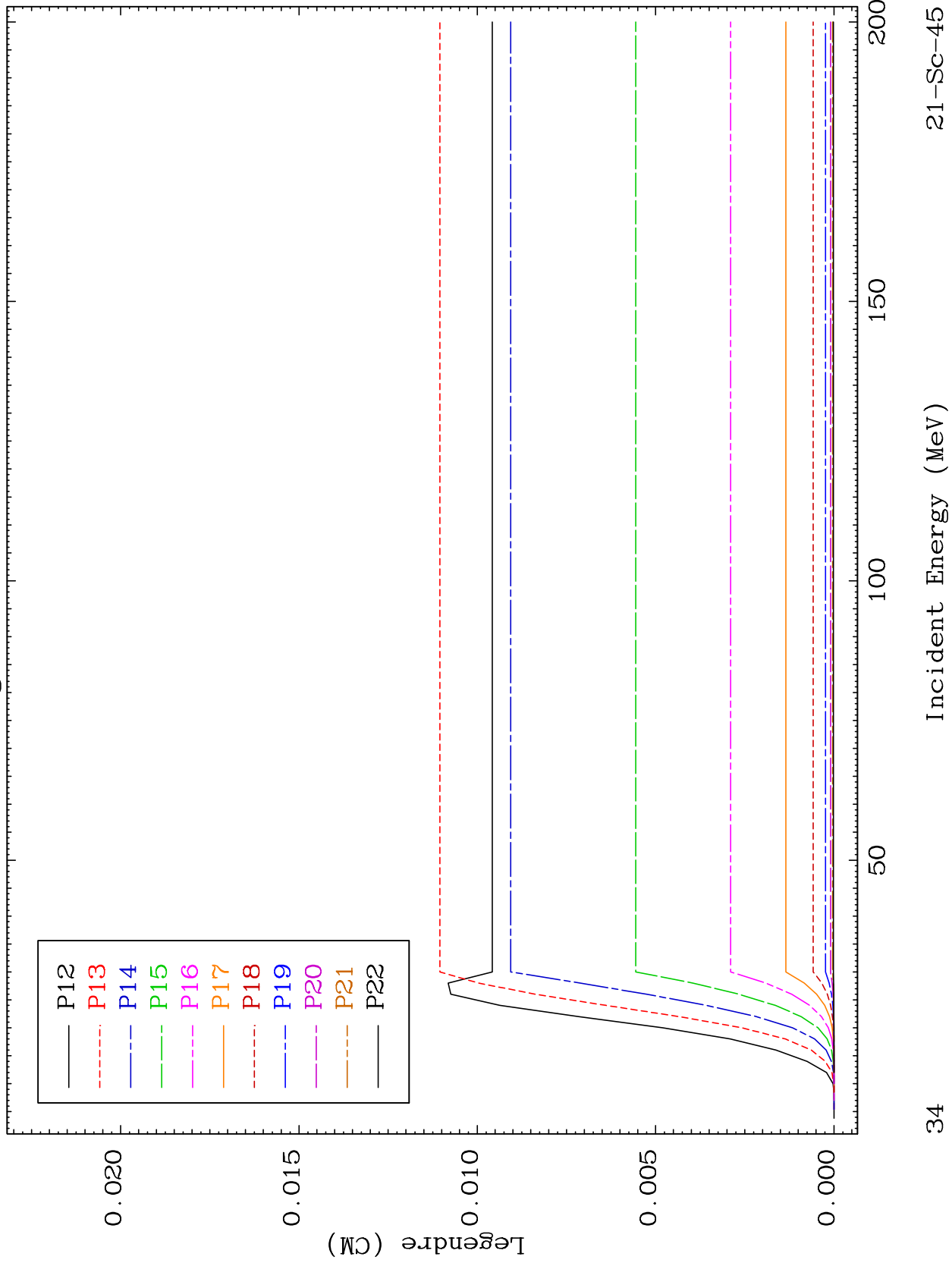




MAT 2125

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

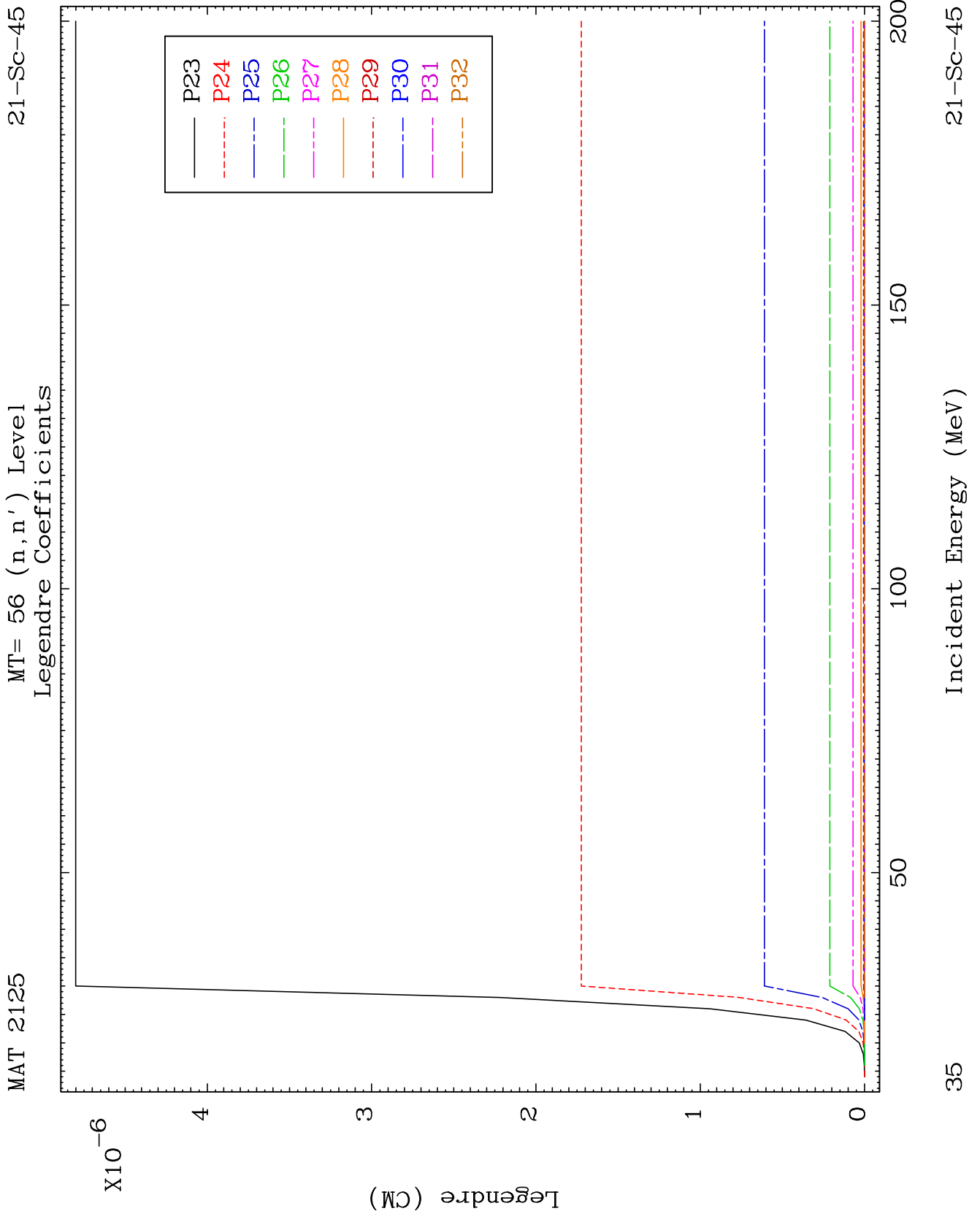
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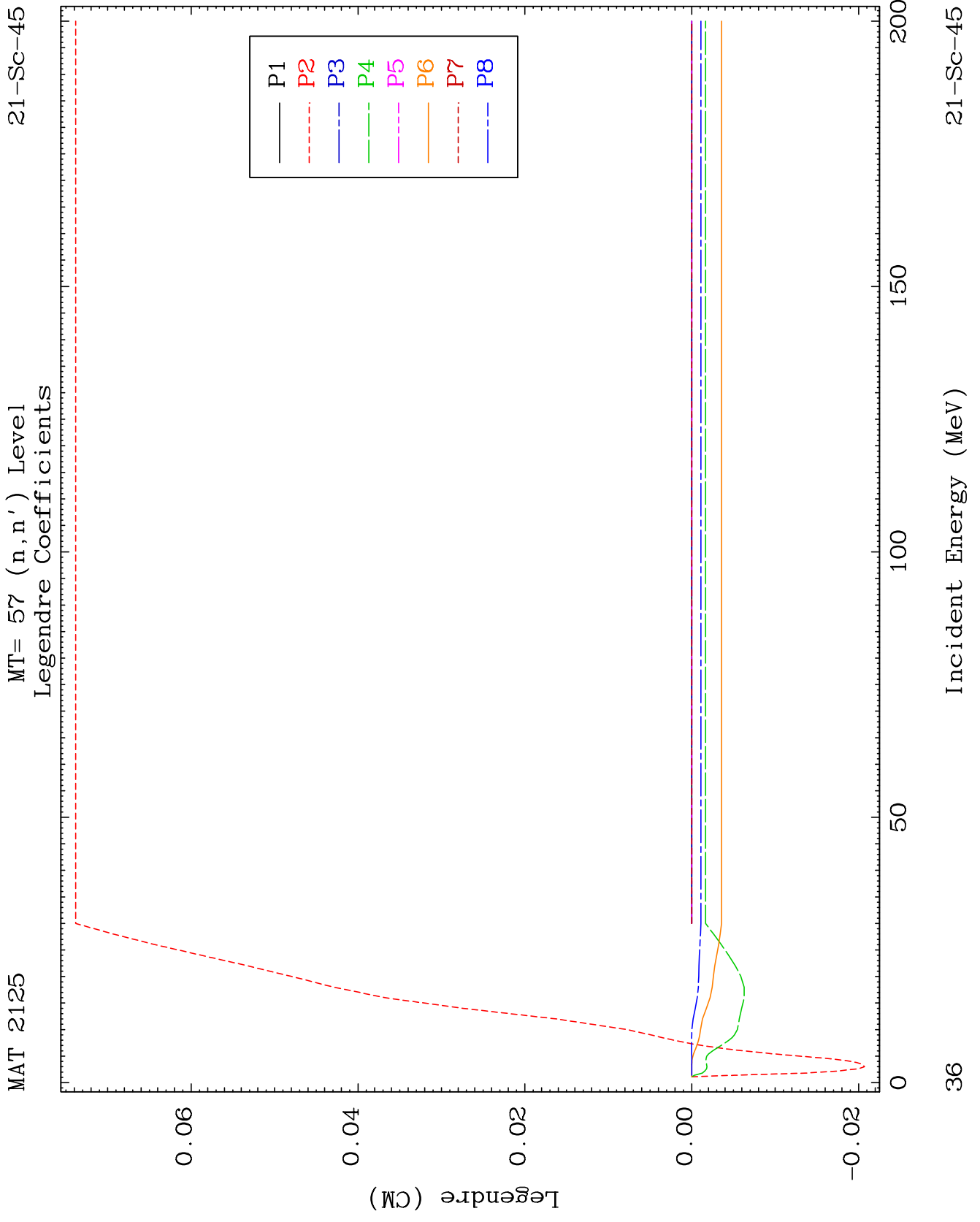


34

Incident Energy (MeV)

21-Sc-45

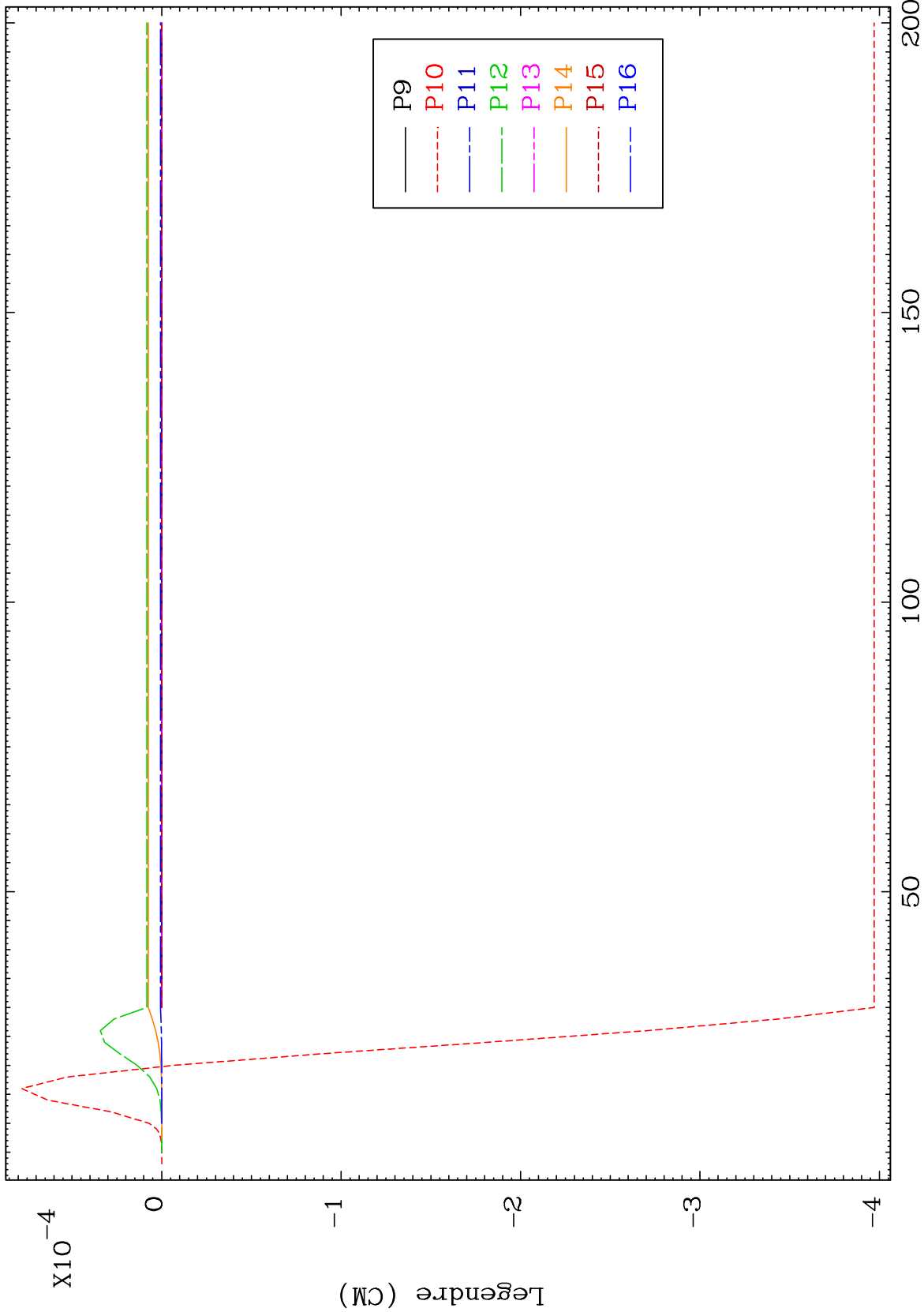




MAT 2125

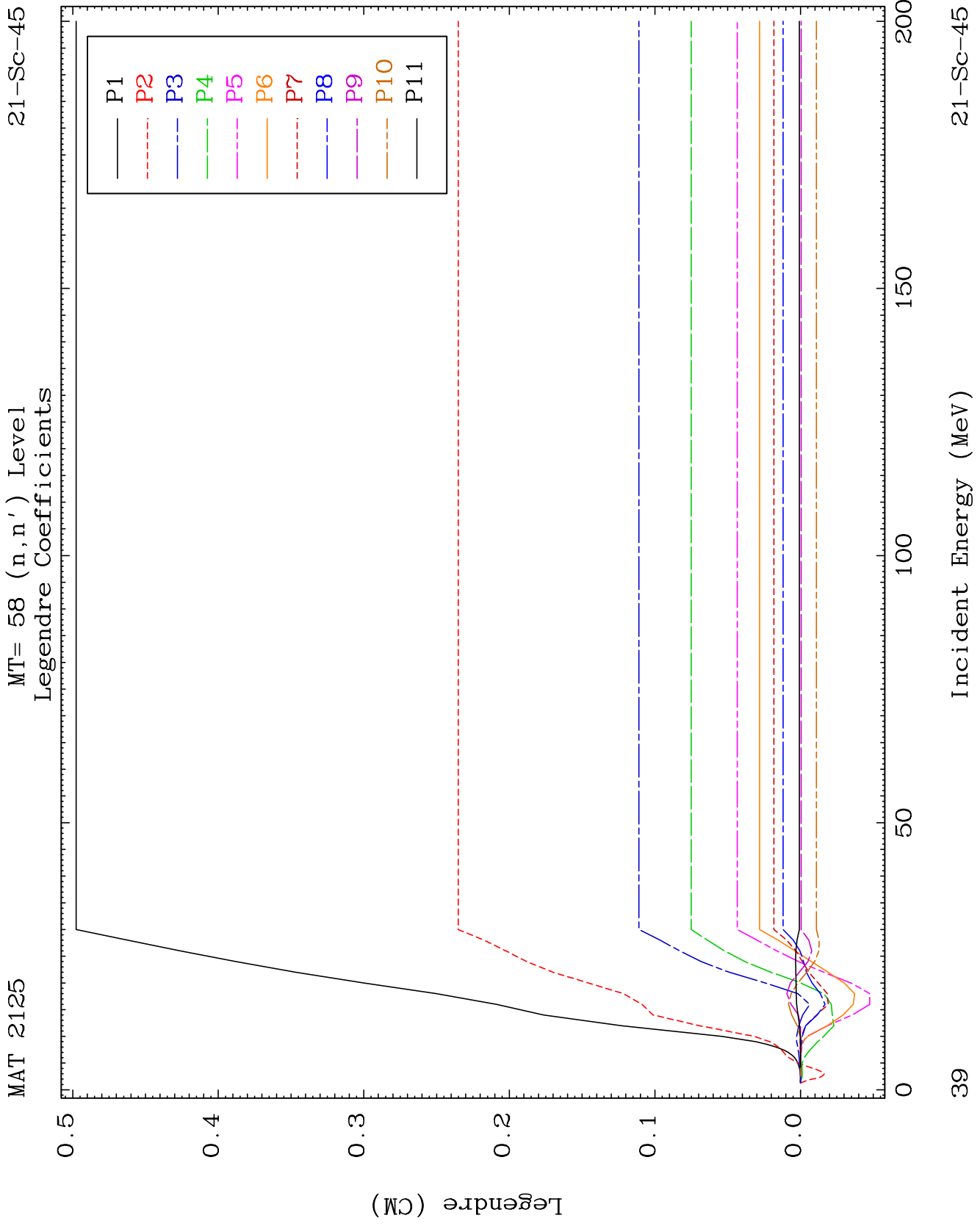
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MT= 57 (n,n') Level
Legendre Coefficients



37

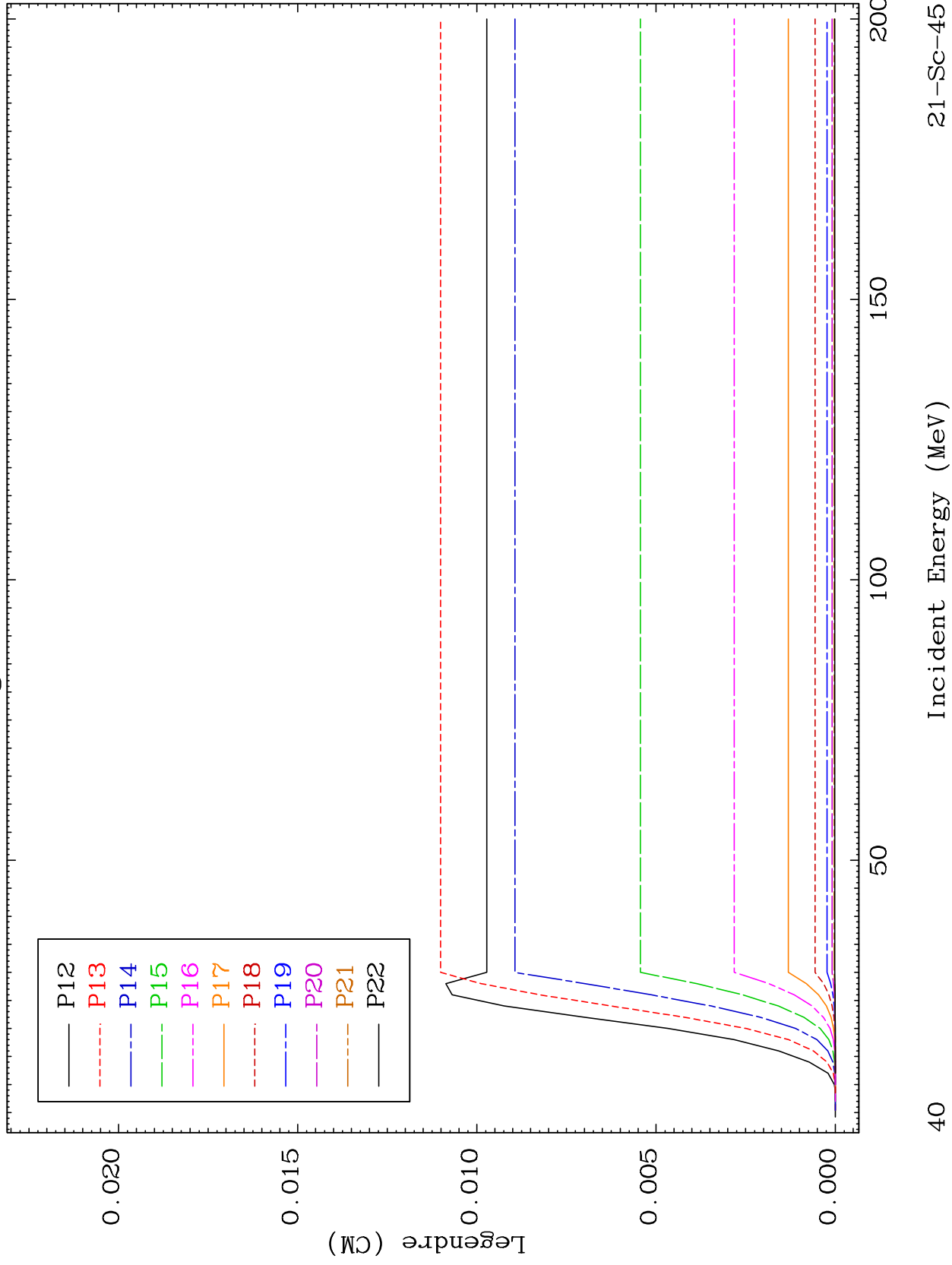
21-Sc-45



MAT 2125

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

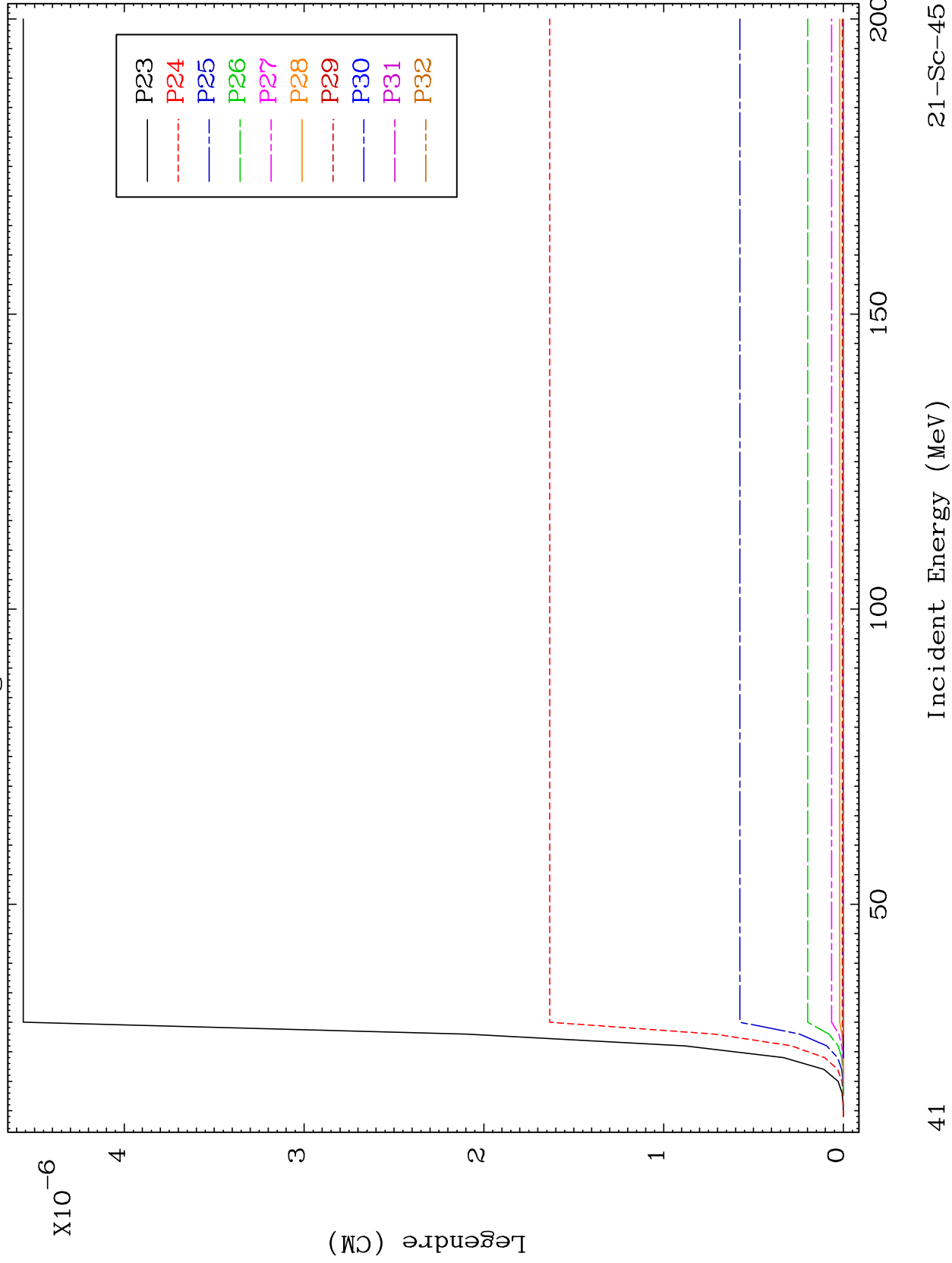
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MAT 2125

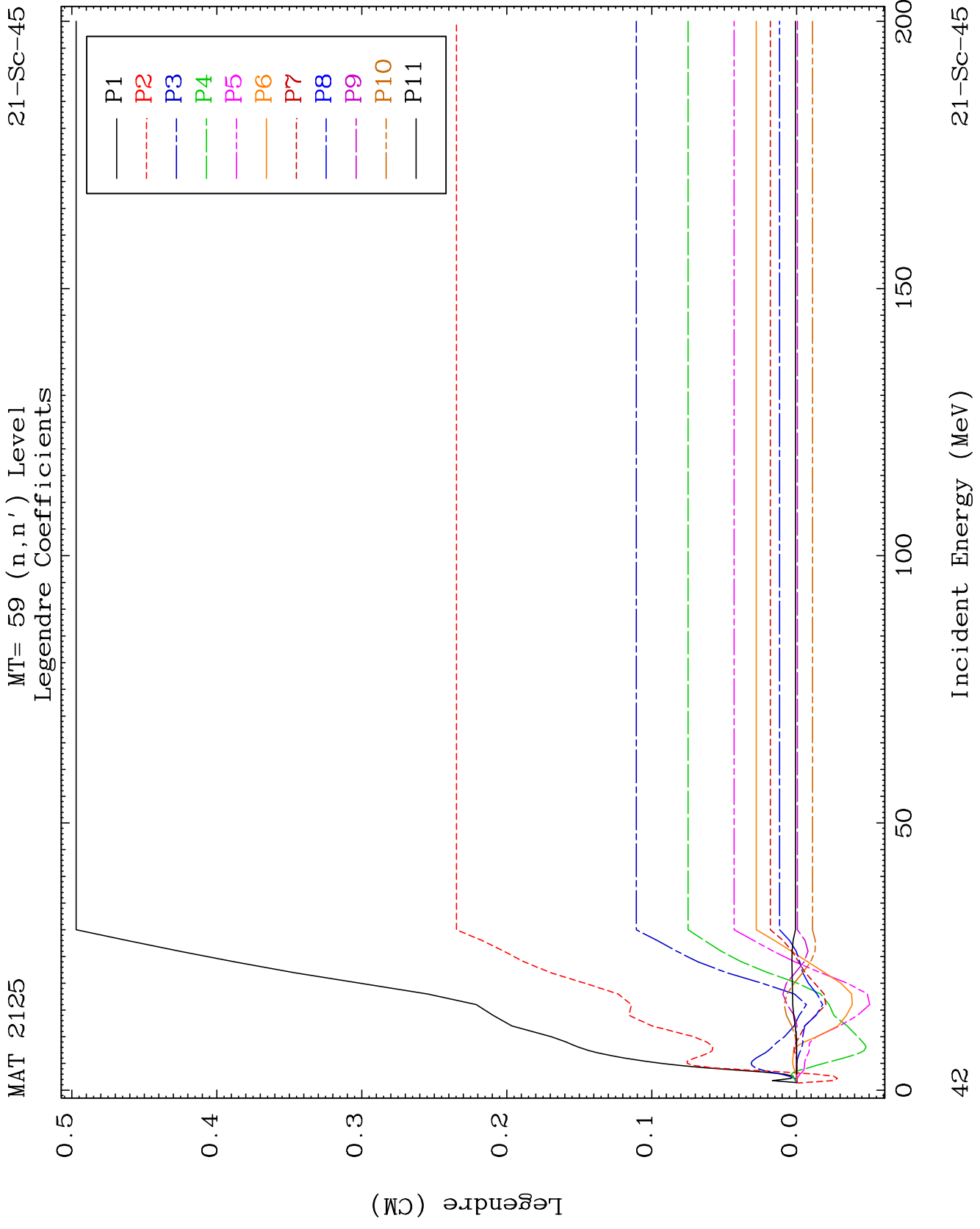
MT= 58 (n,n') Level
Legendre Coefficients

21-Sc-45



41

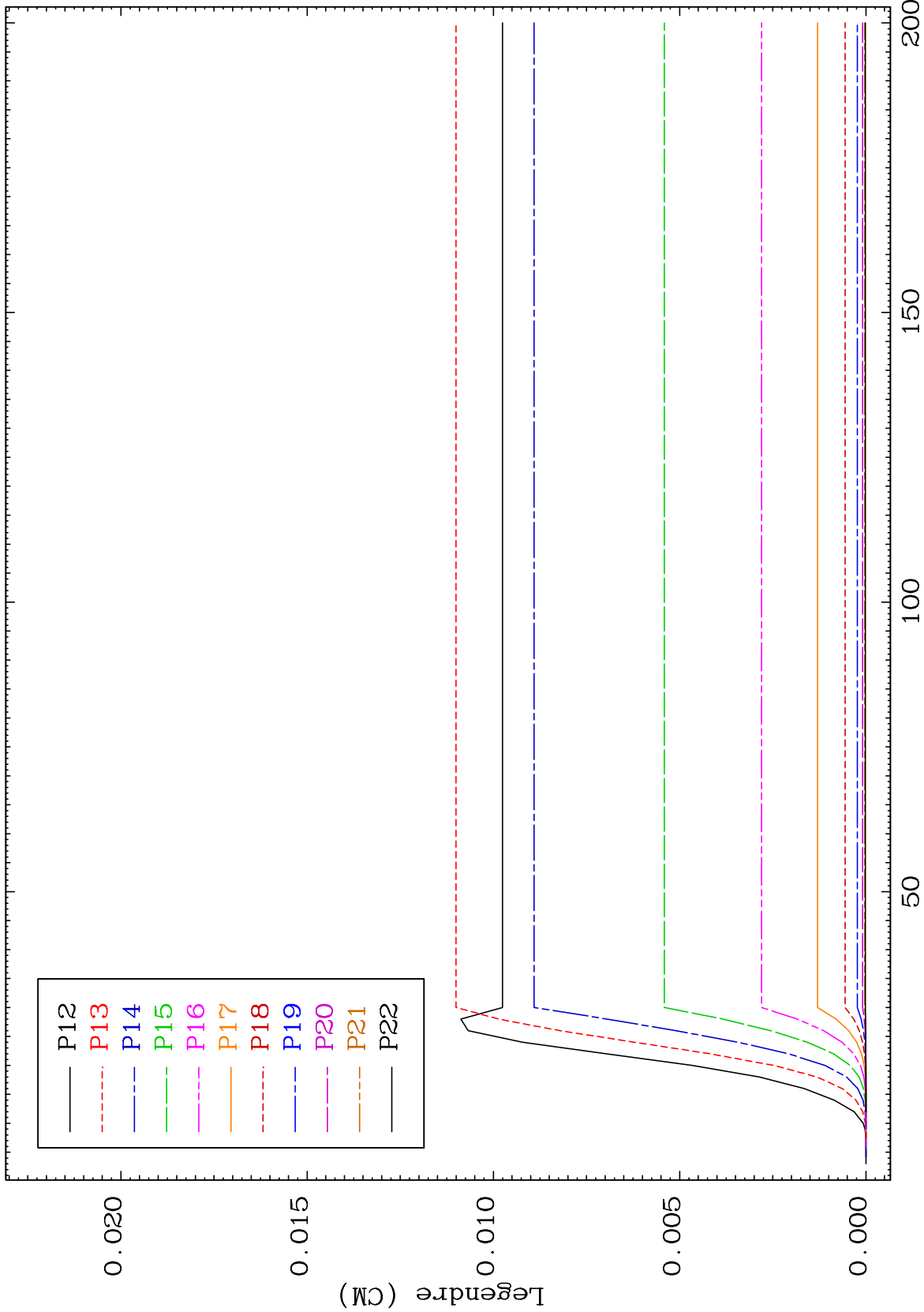
21-Sc-45



MAT 2125

21-Sc-45

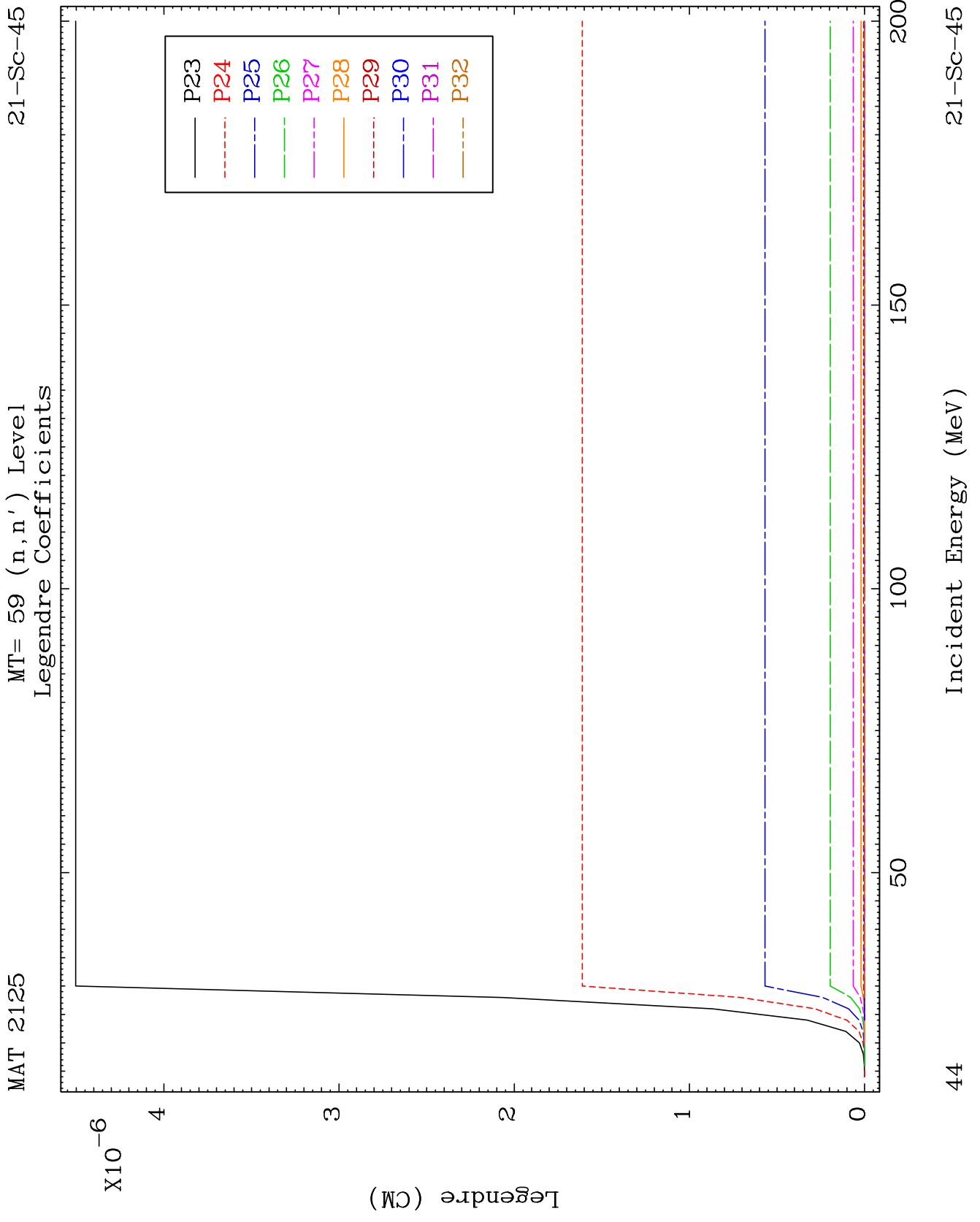
MT= 59 (n,n') Level
Legendre Coefficients

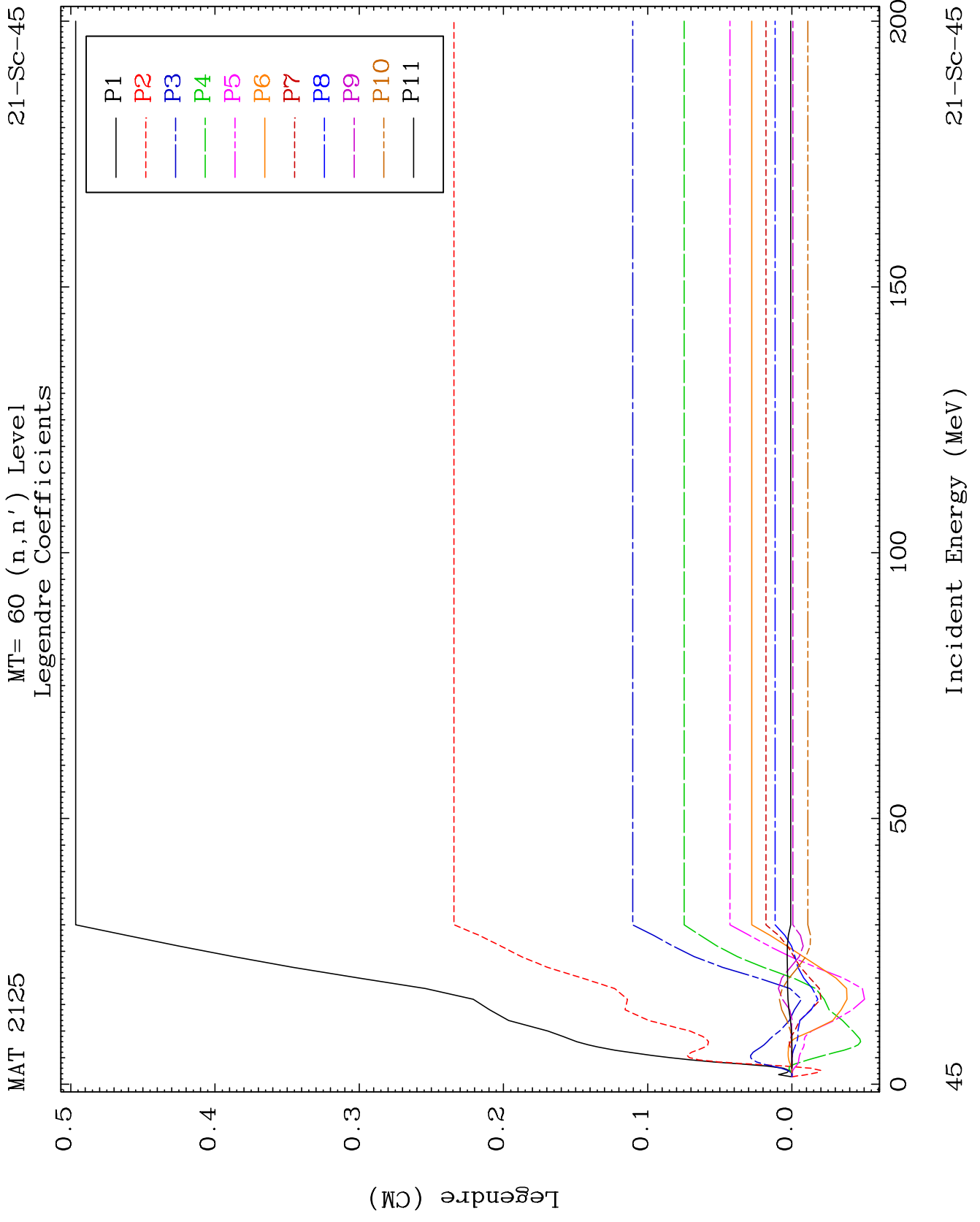


43

Incident Energy (MeV)

21-Sc-45

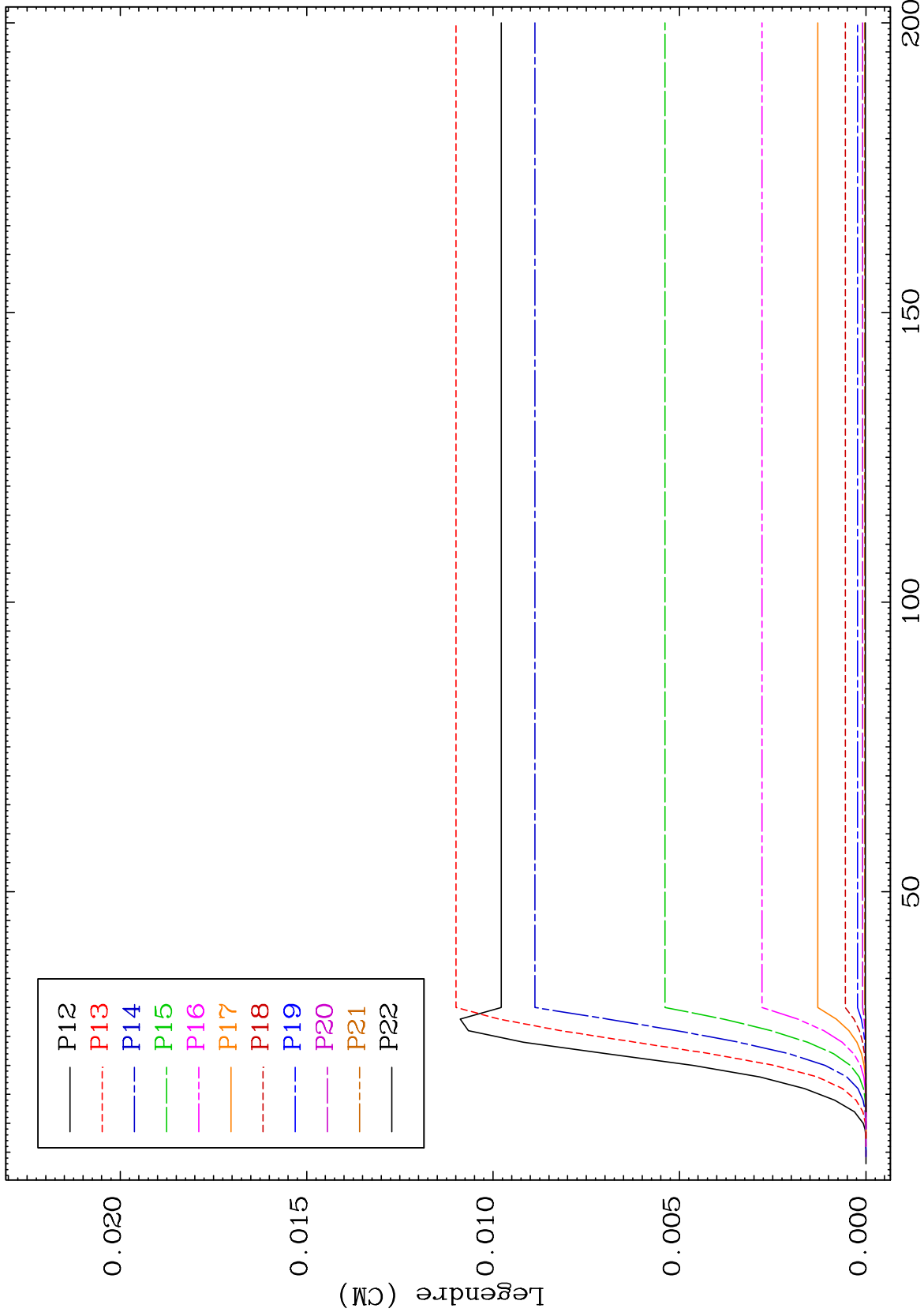




MAT 2125

21-Sc-45

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



46

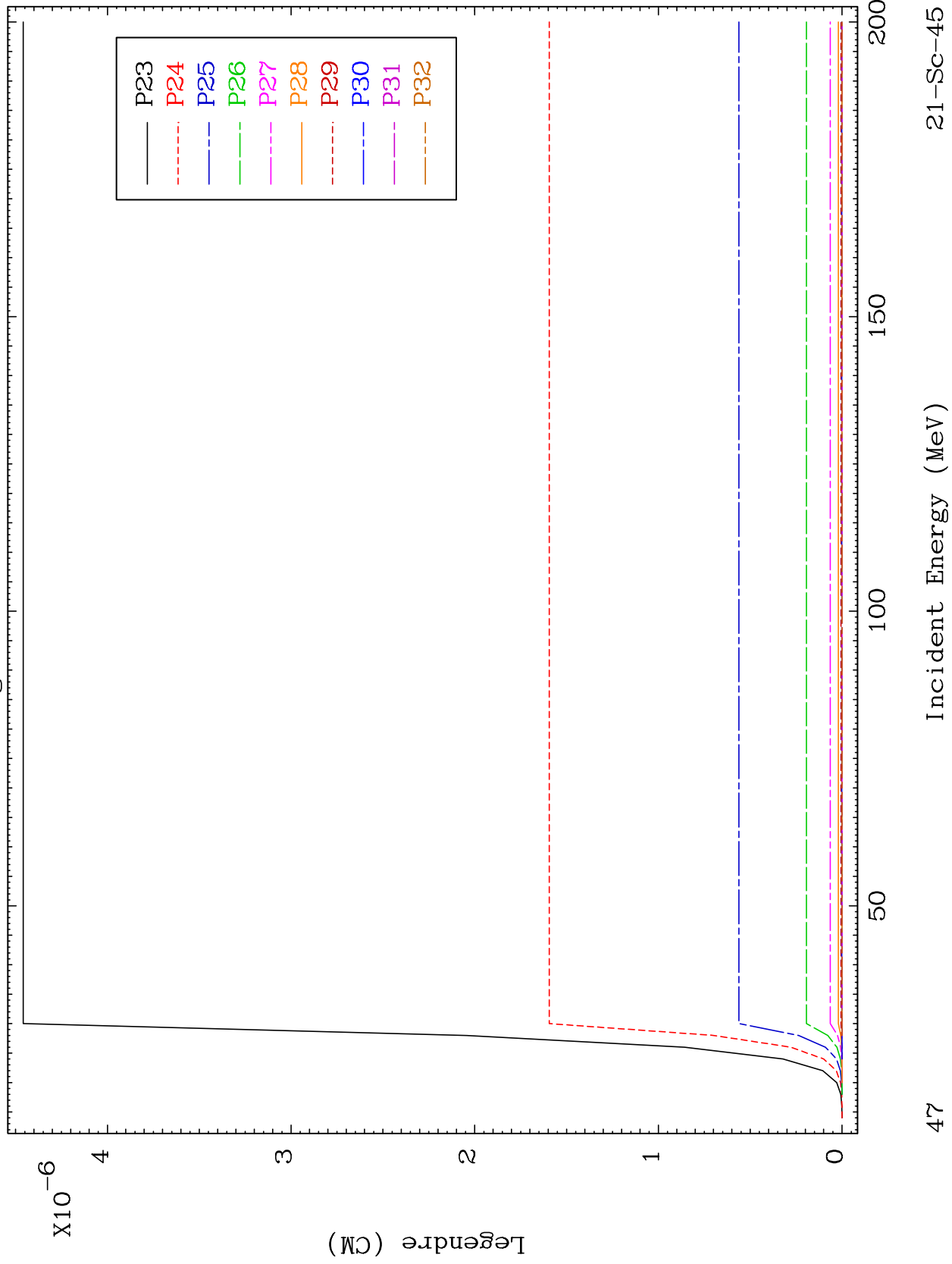
Incident Energy (MeV)

21-Sc-45

MAT 2125

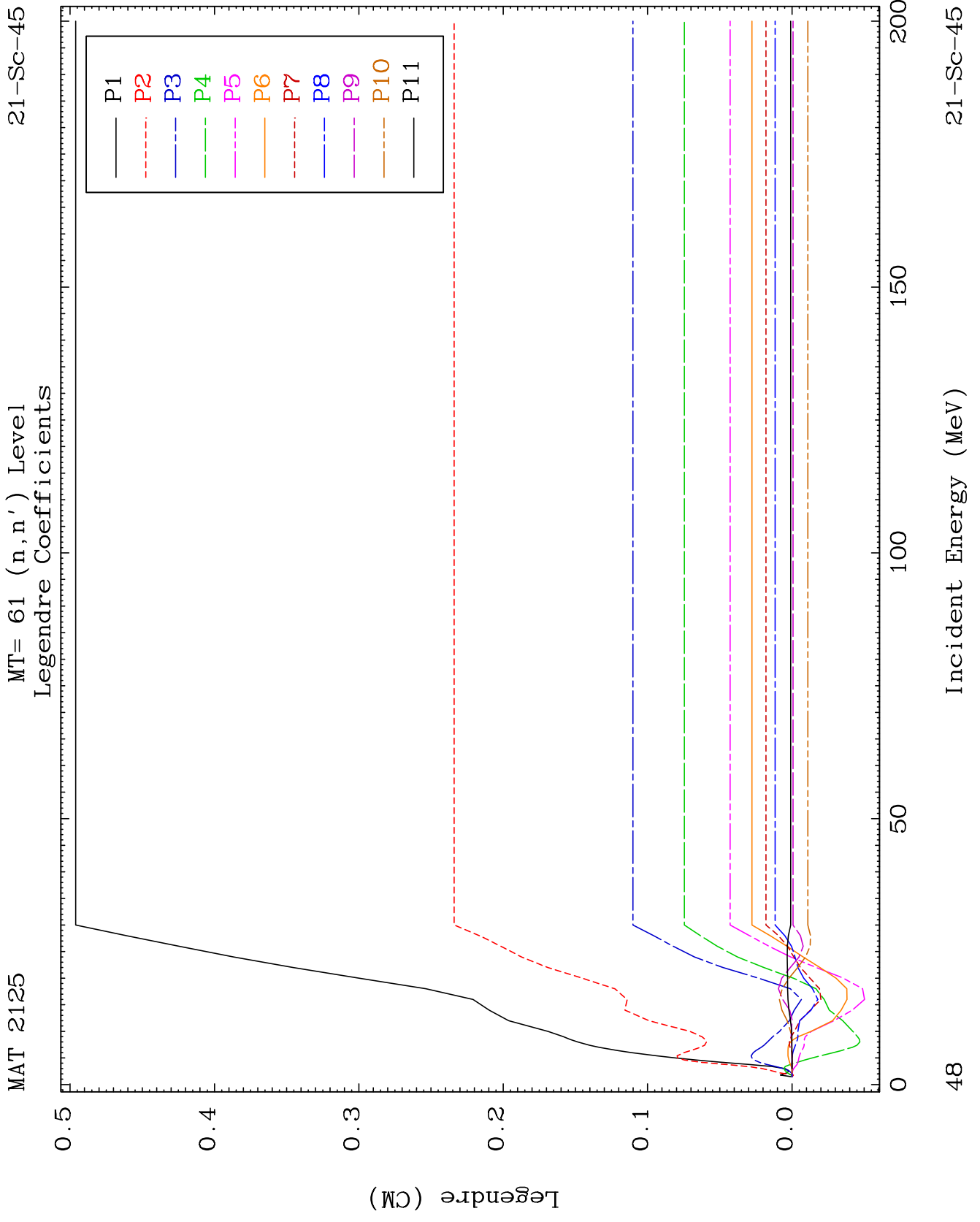
MT= 60 (n,n') Level
Legendre Coefficients

21-Sc-45



47

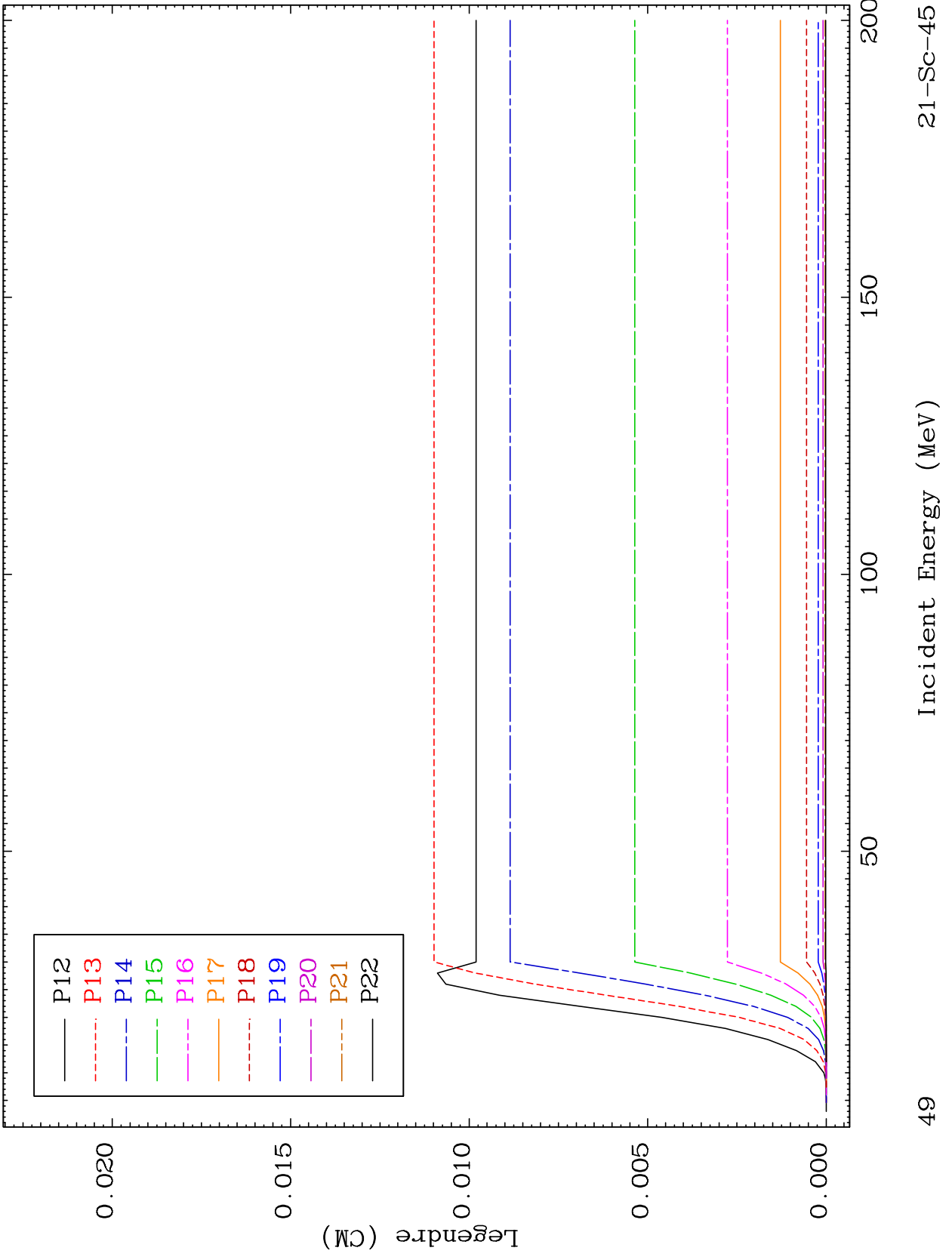
21-Sc-45



MAT 2125

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

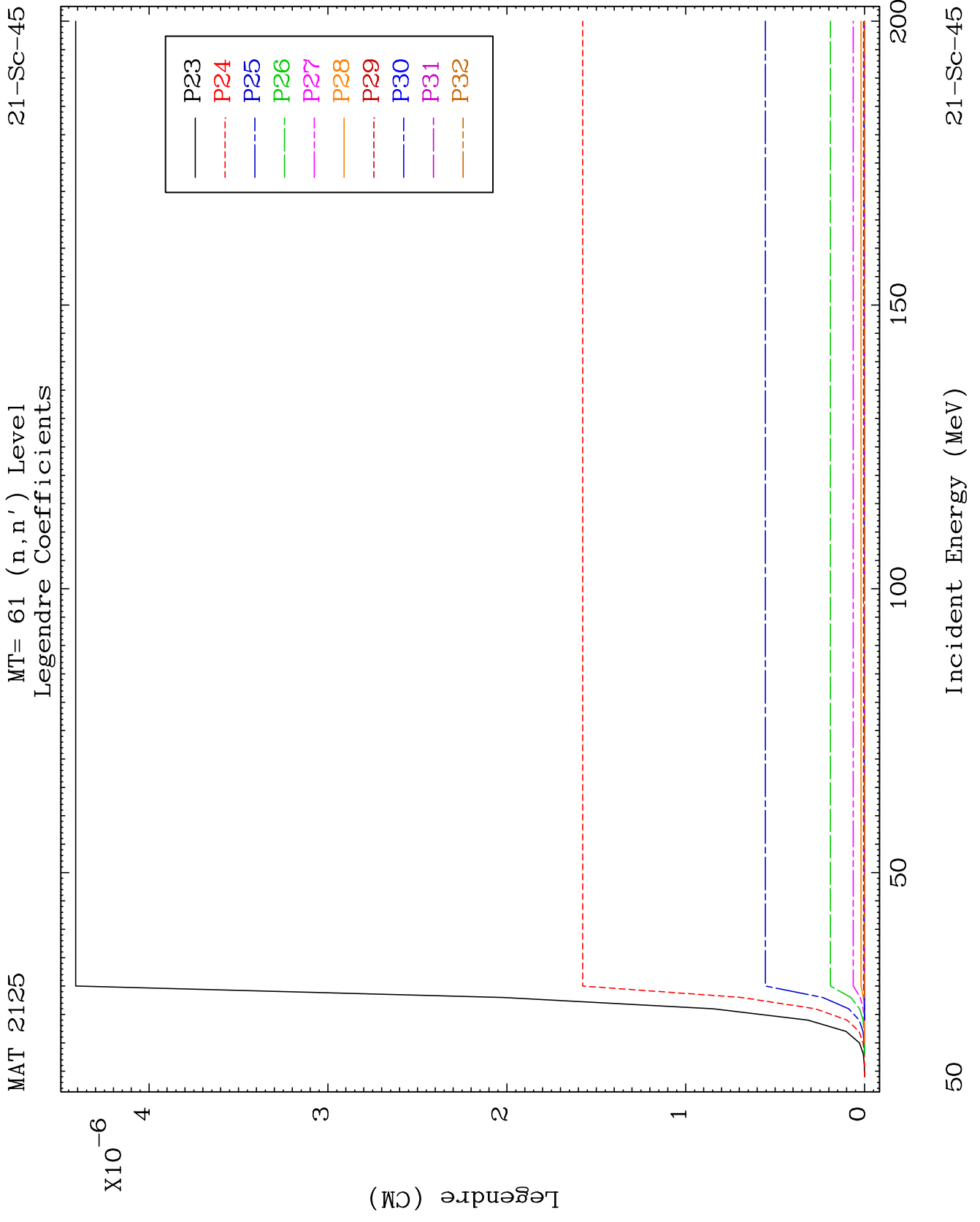
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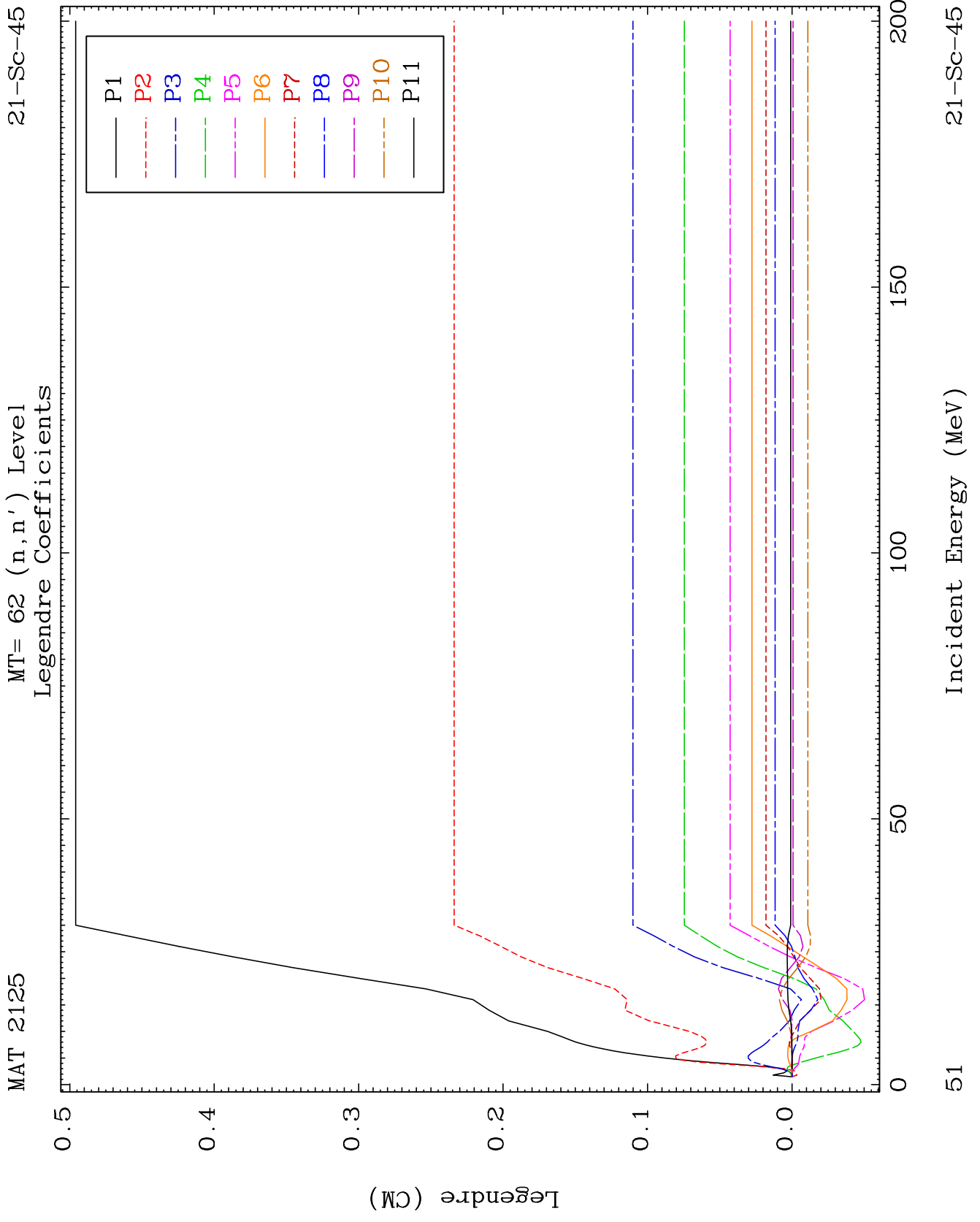


49

Incident Energy (MeV)

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21-Sc-45

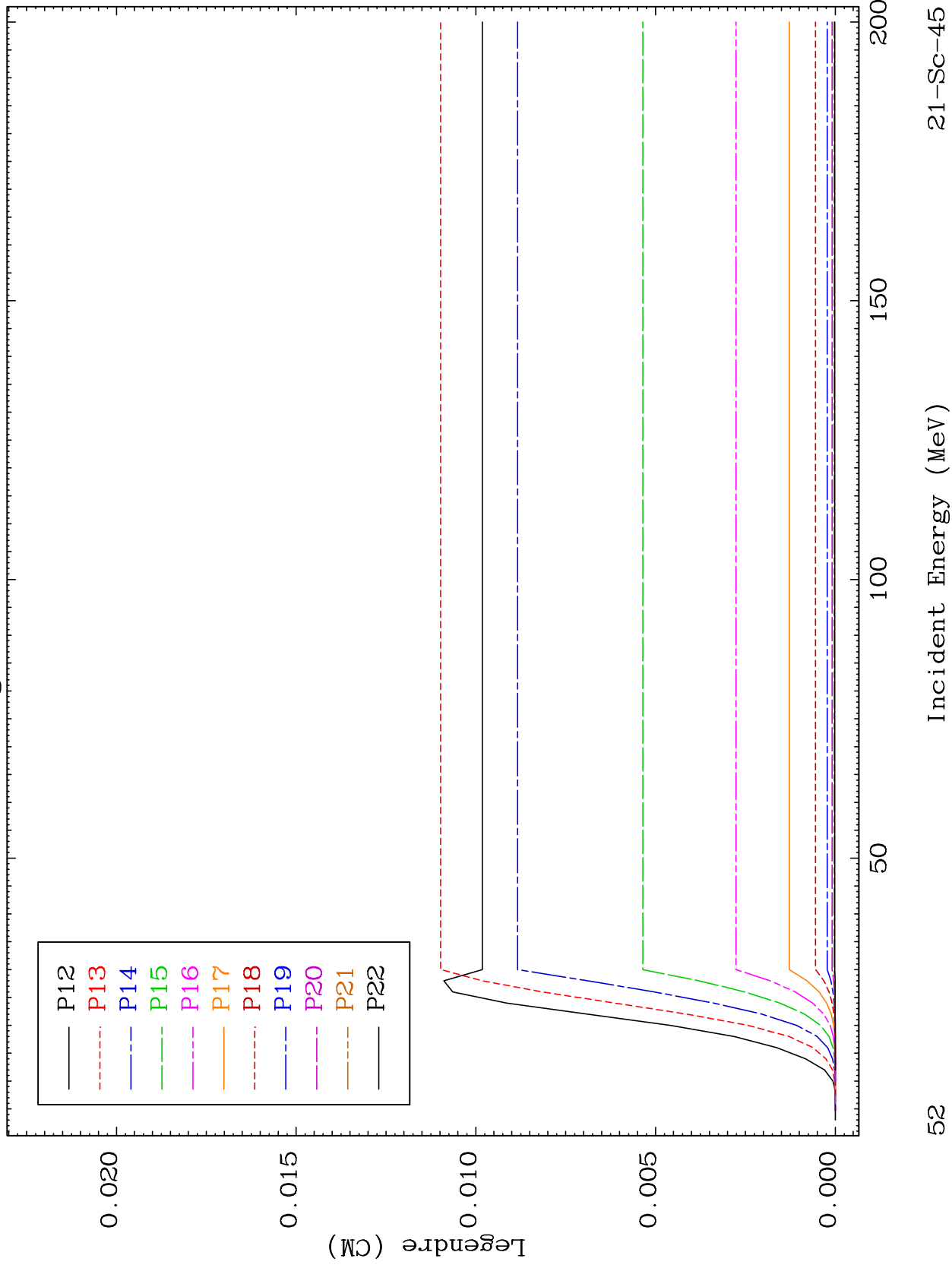
Incident Energy (MeV)

51

MAT 2125

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

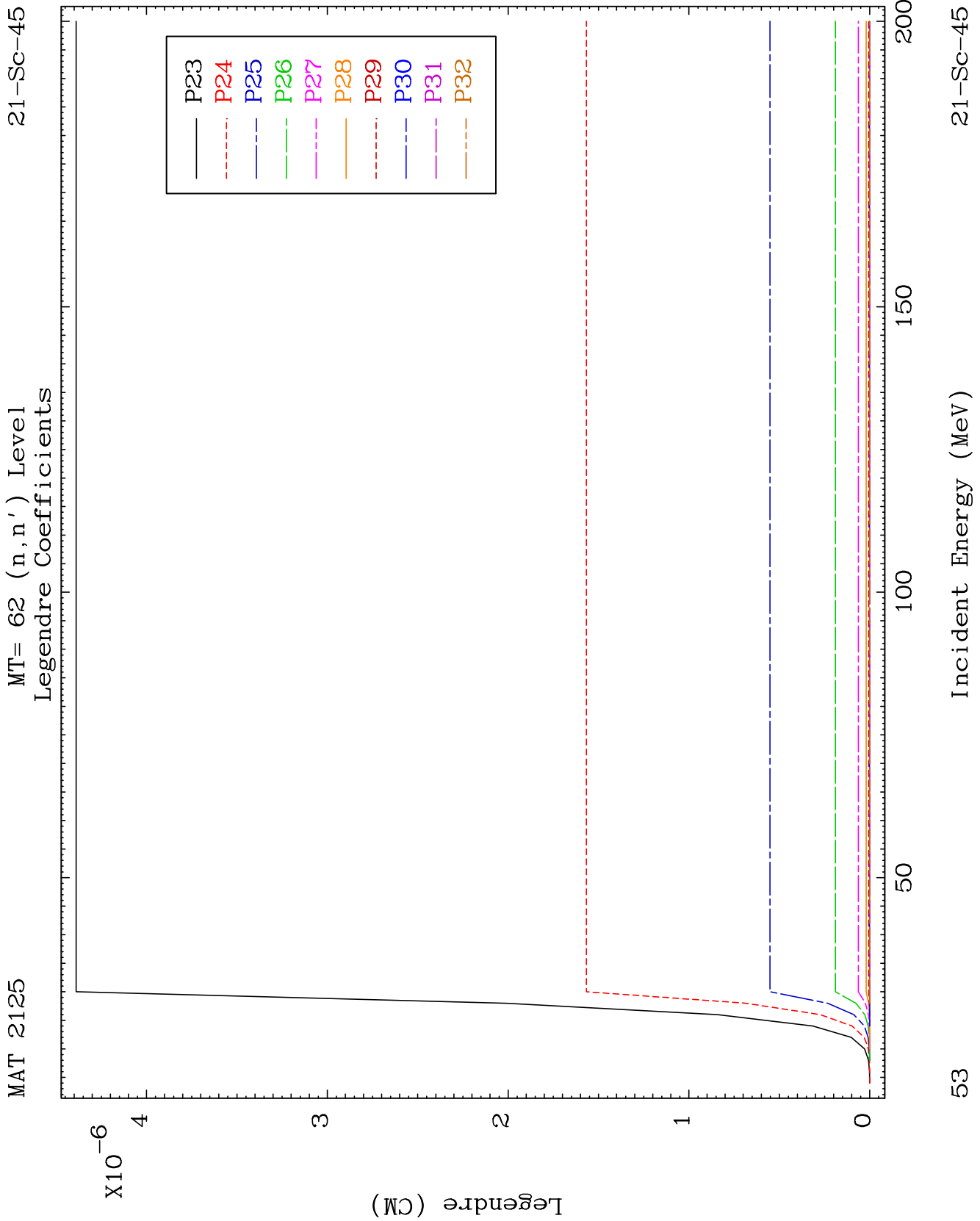
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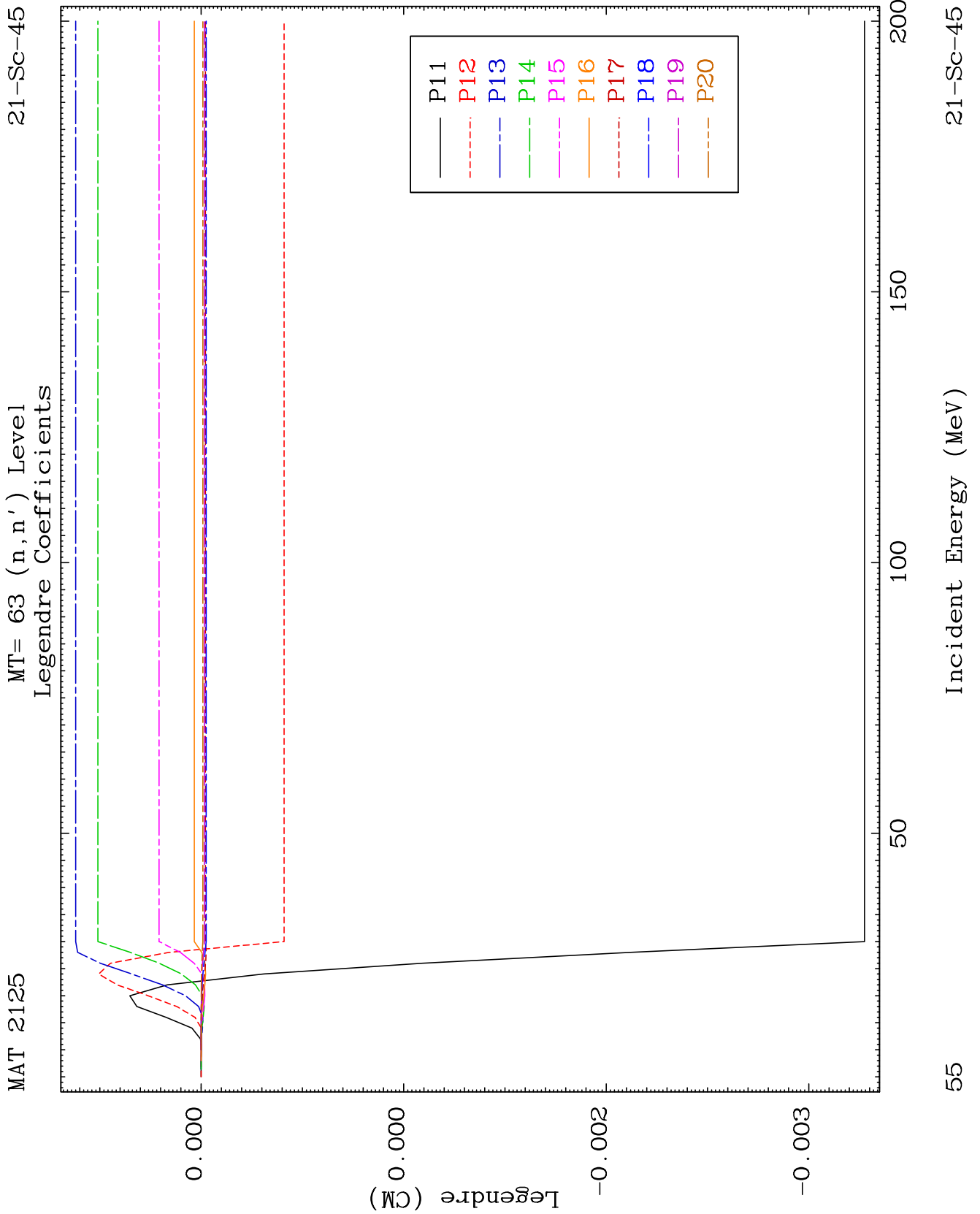


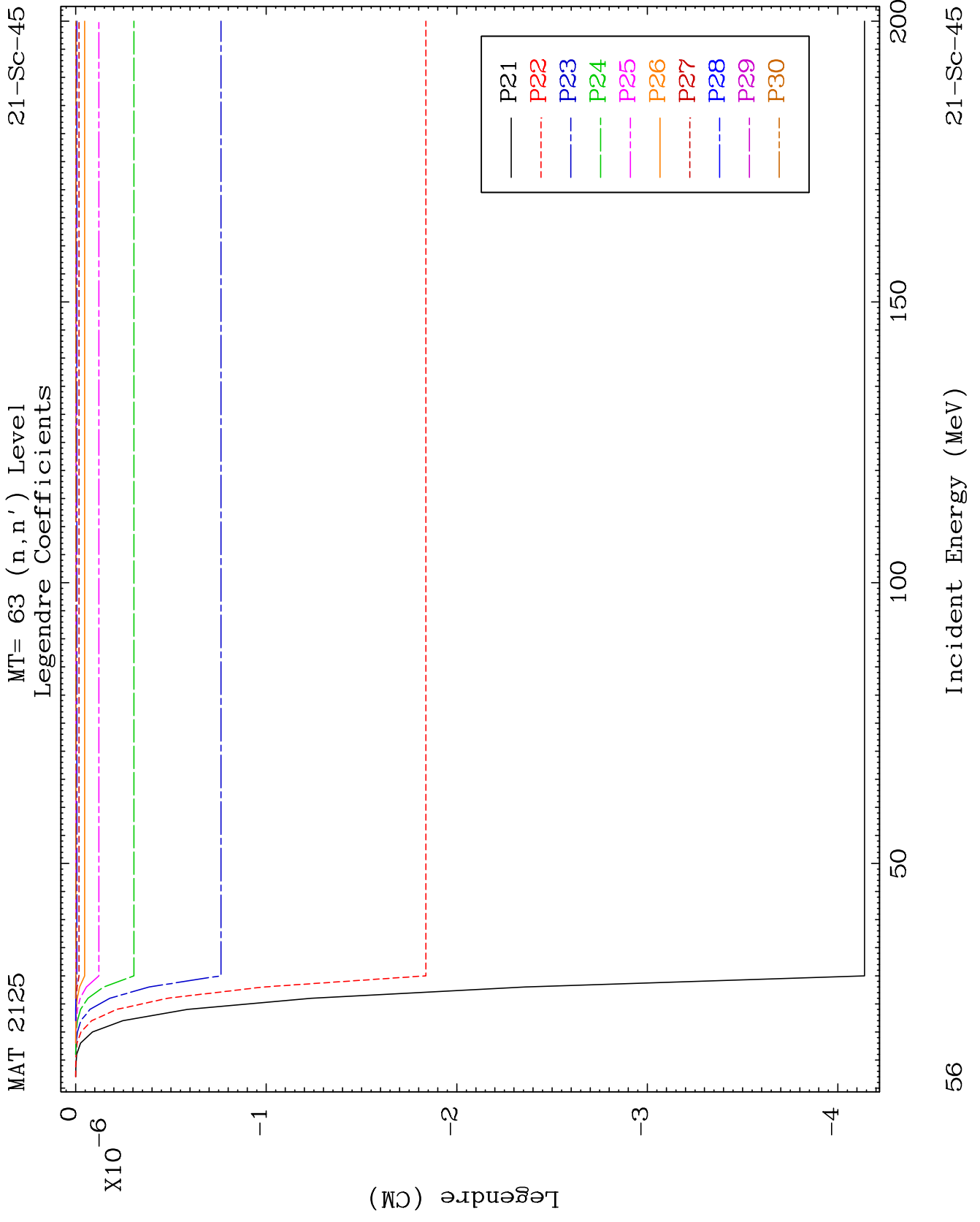
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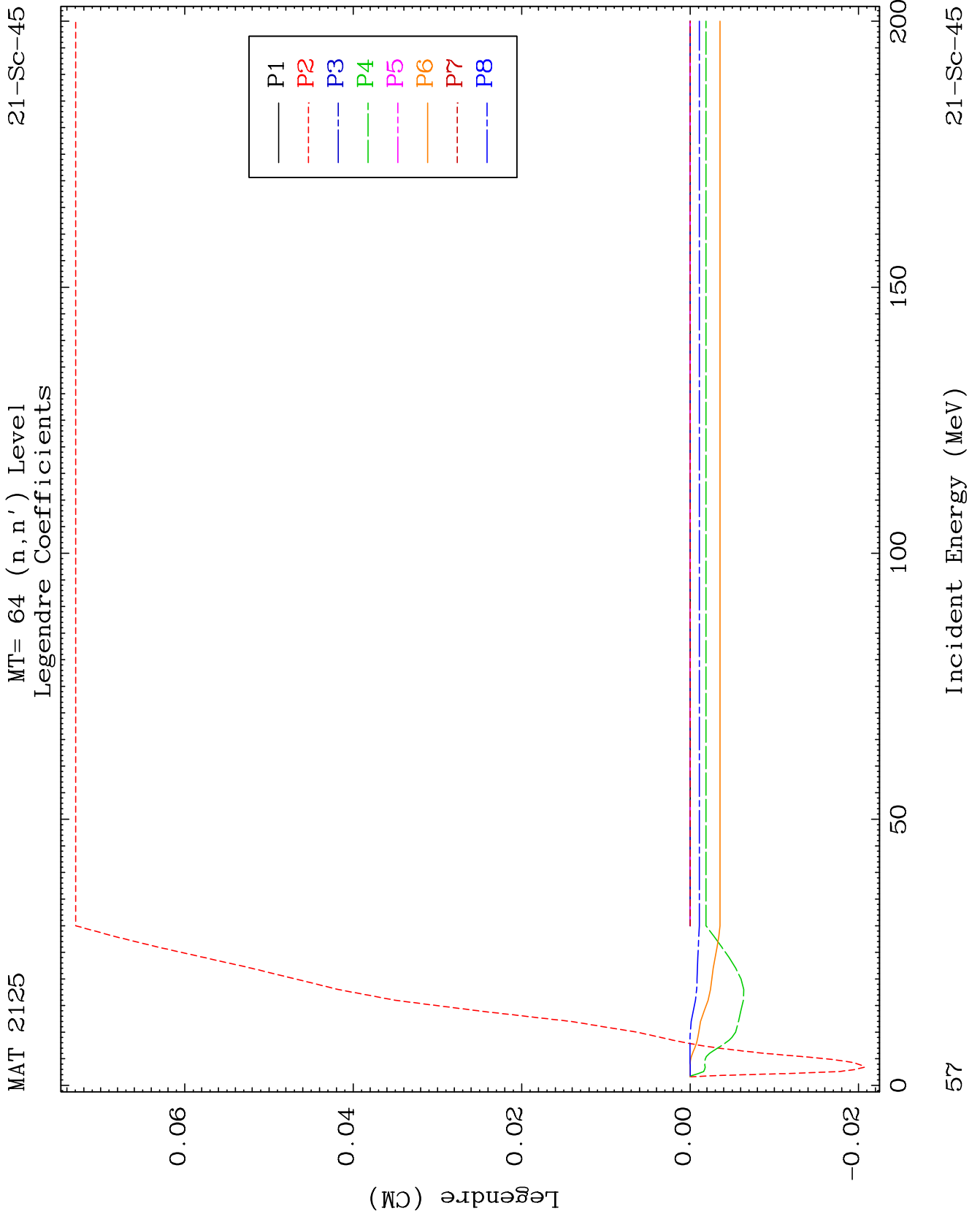
Incident Energy (MeV)

21-Sc-45





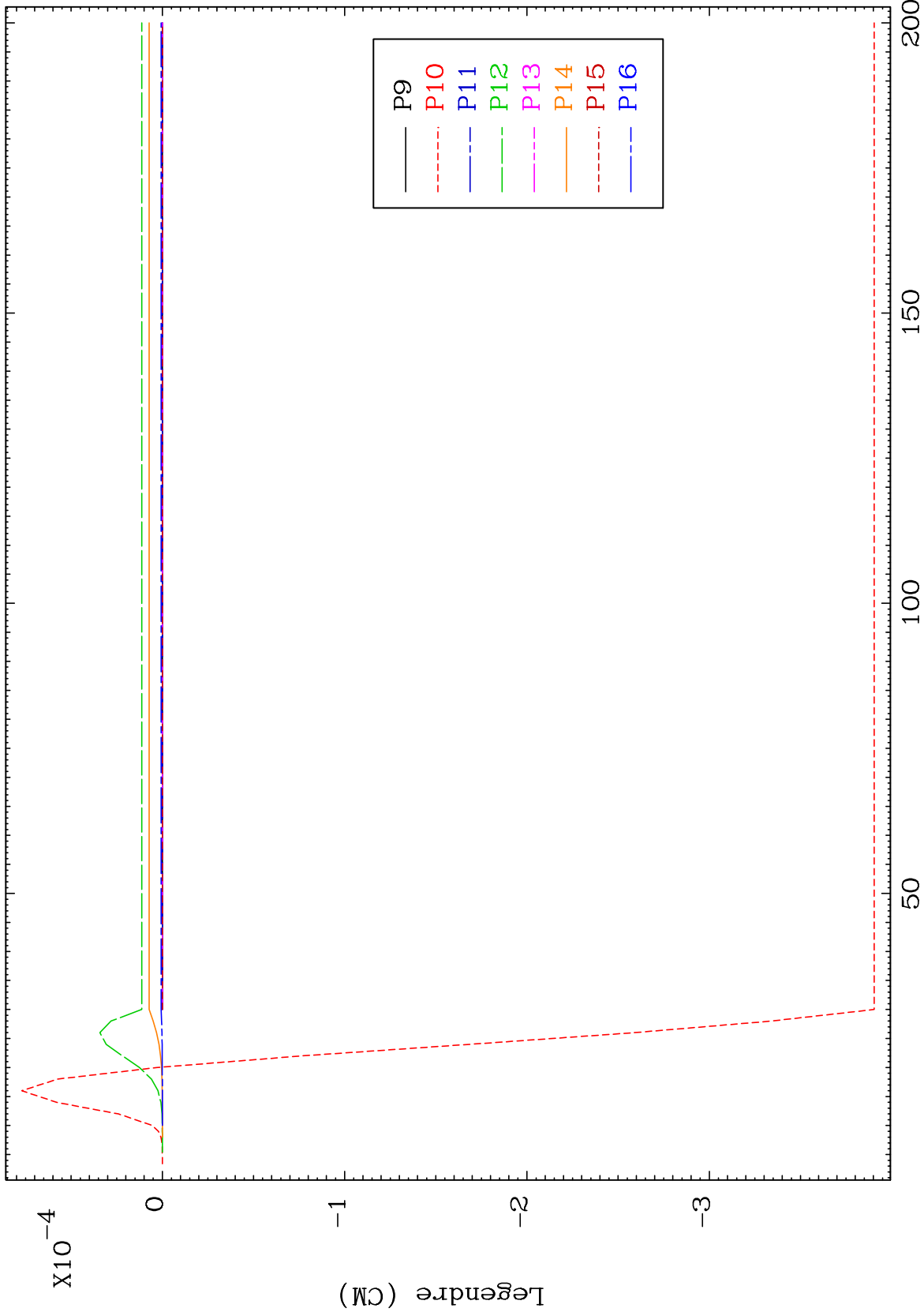




MAT 2125

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

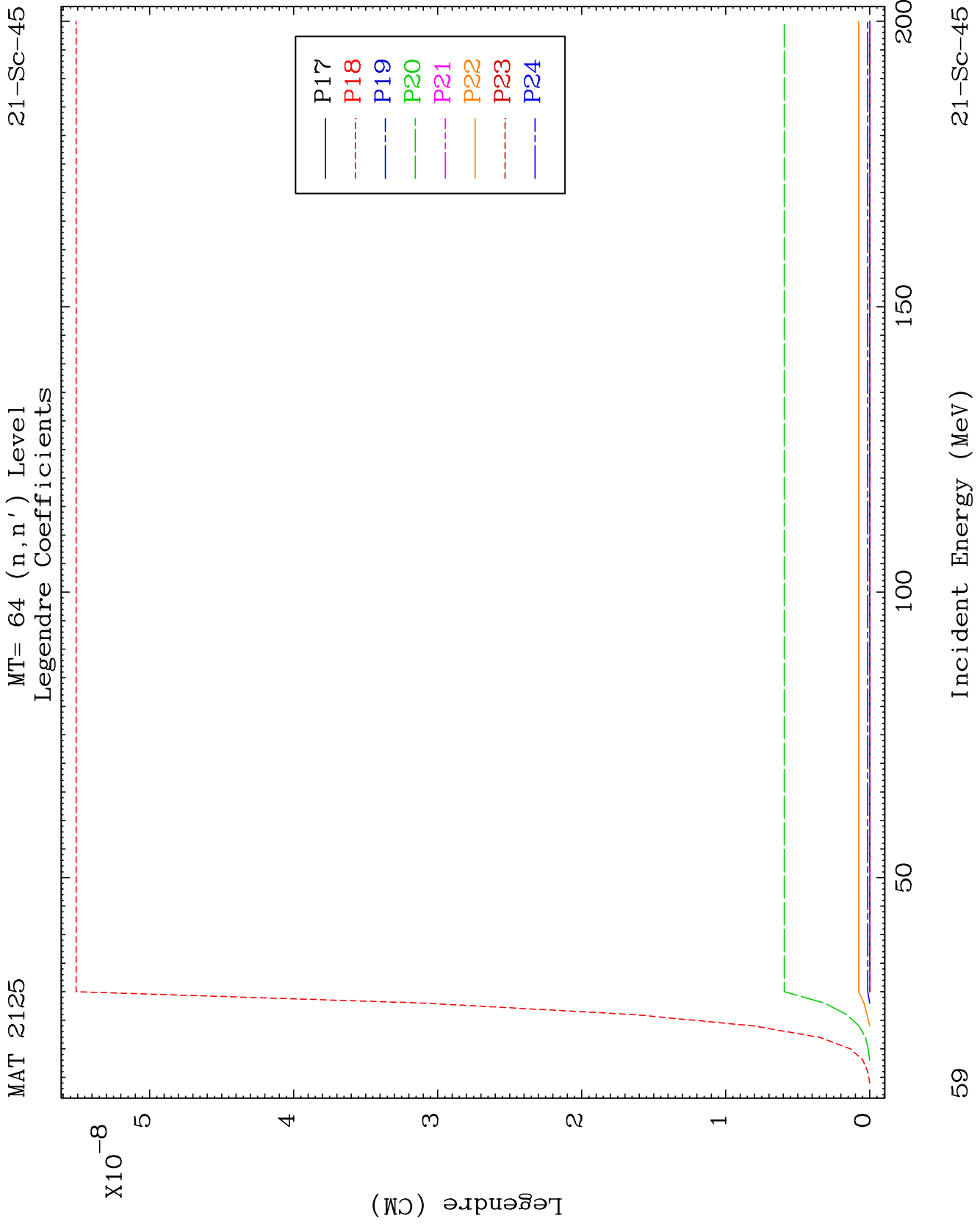
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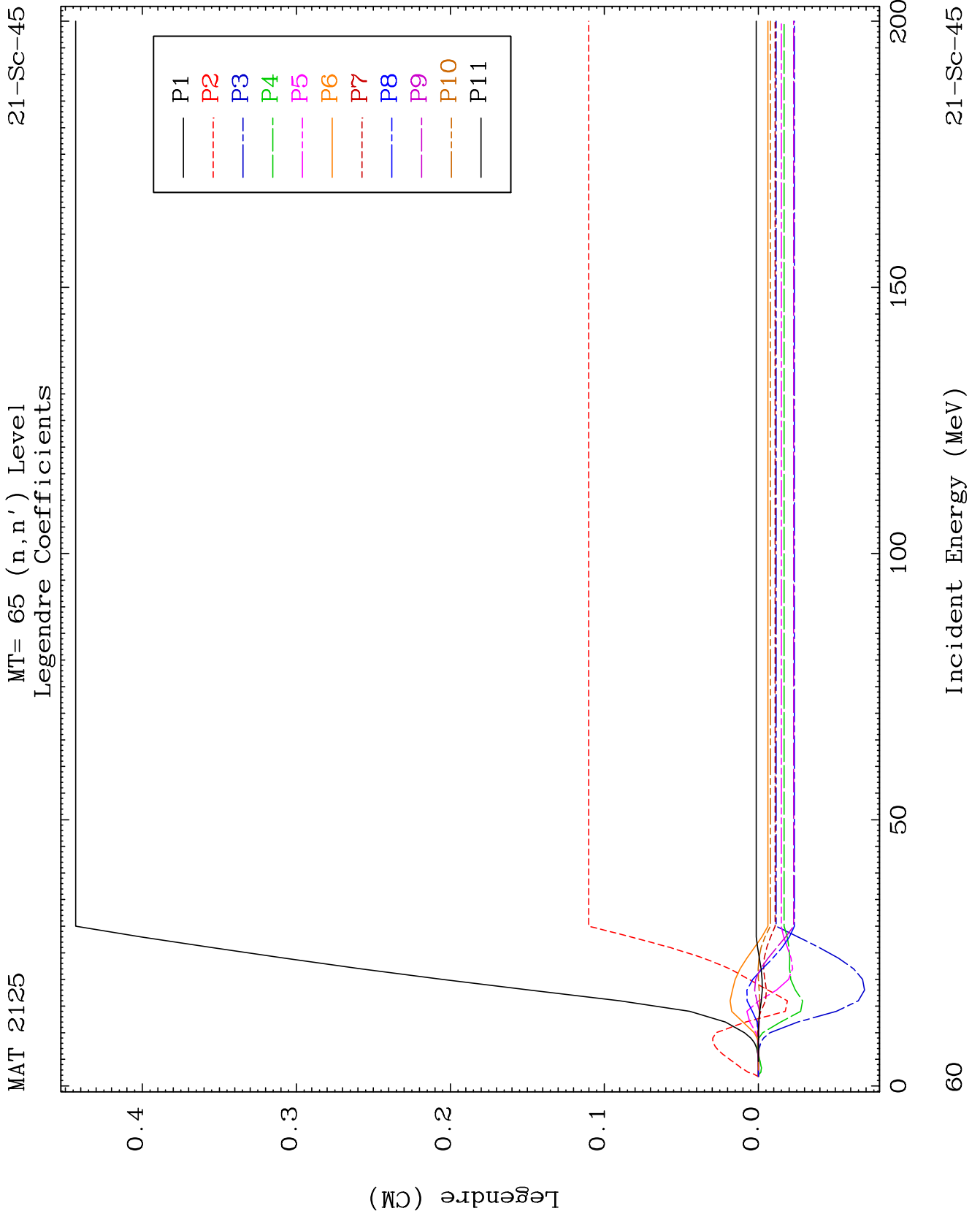


58

Incident Energy (MeV)

21-Sc-45

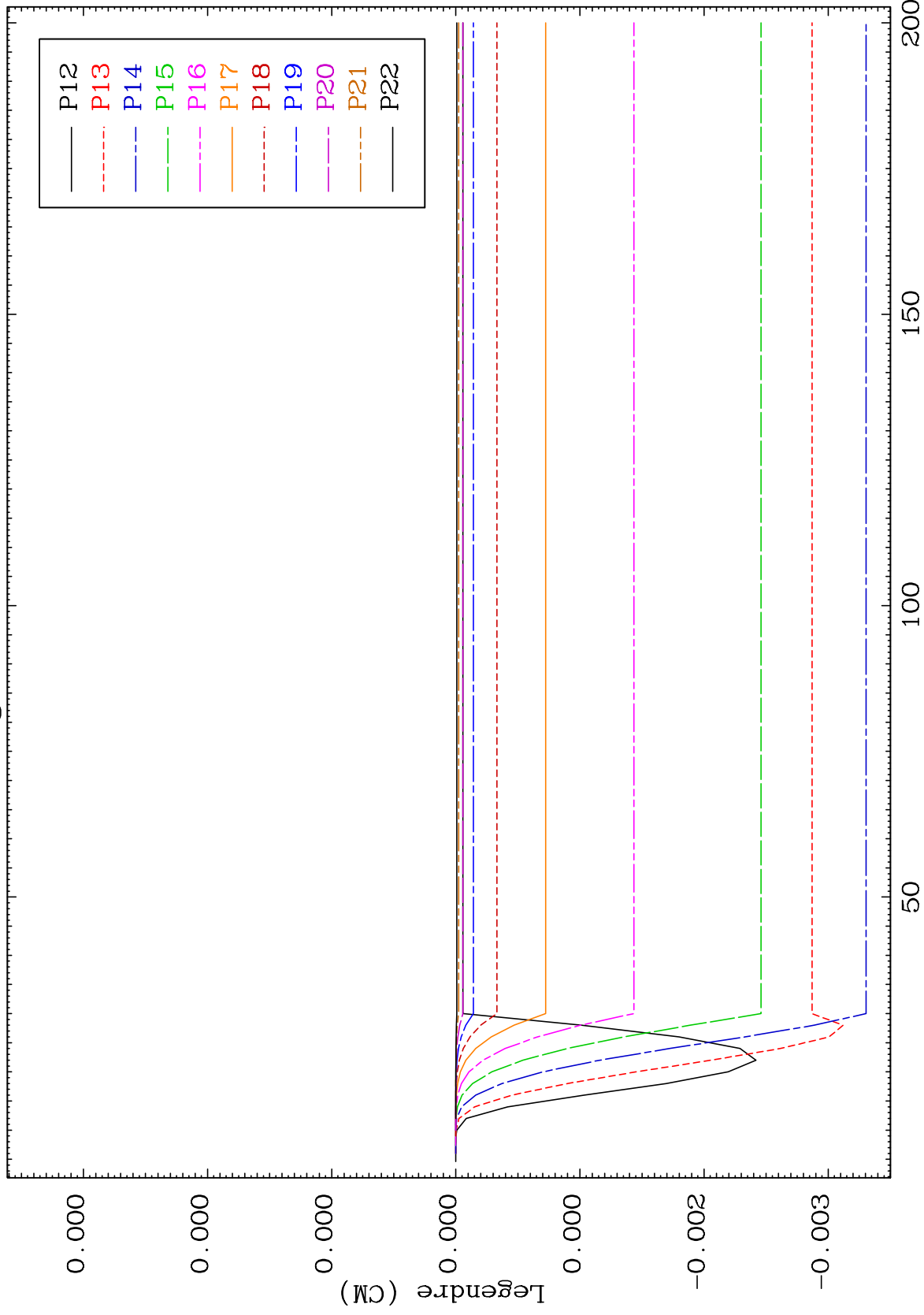




MAT 2125

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

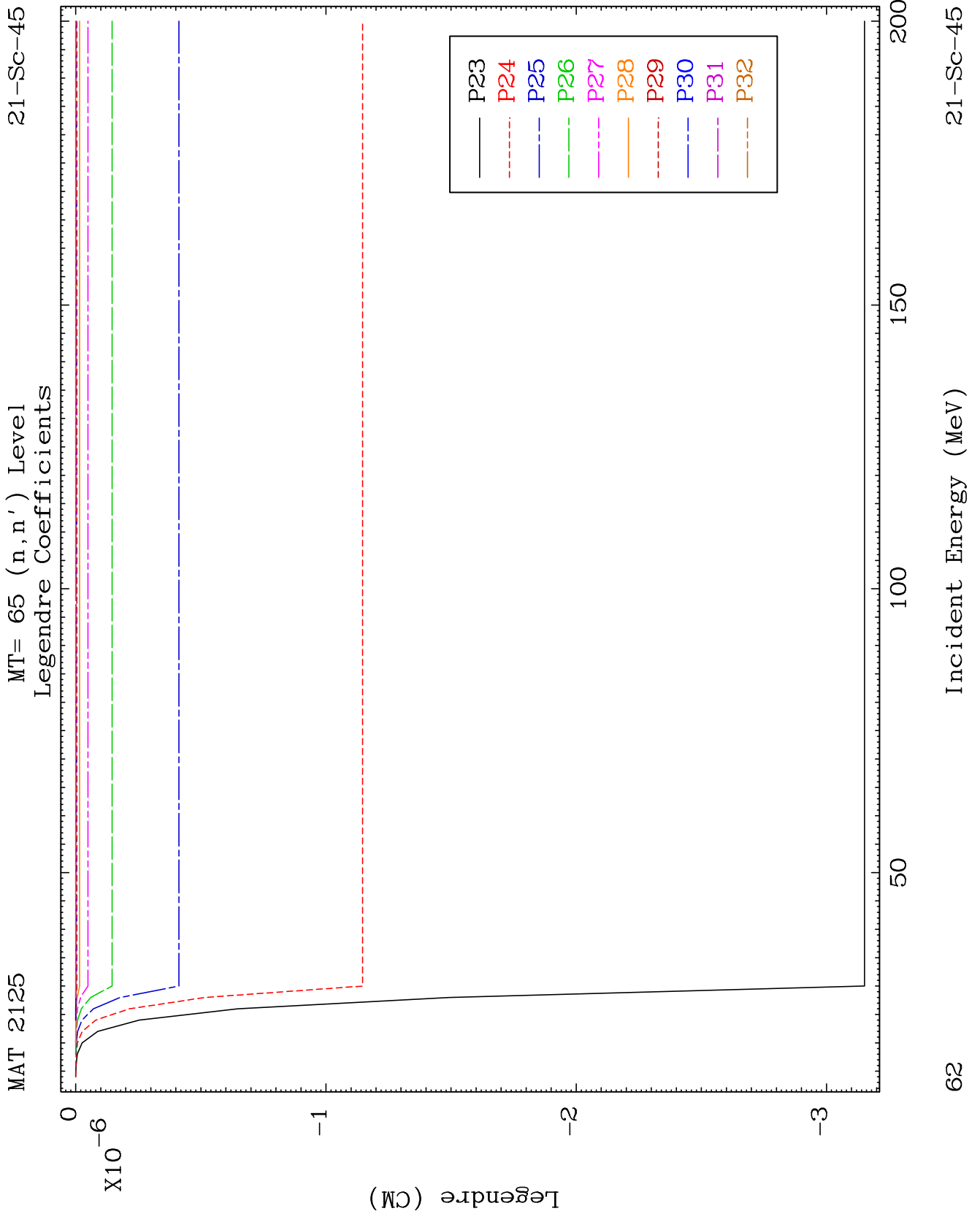
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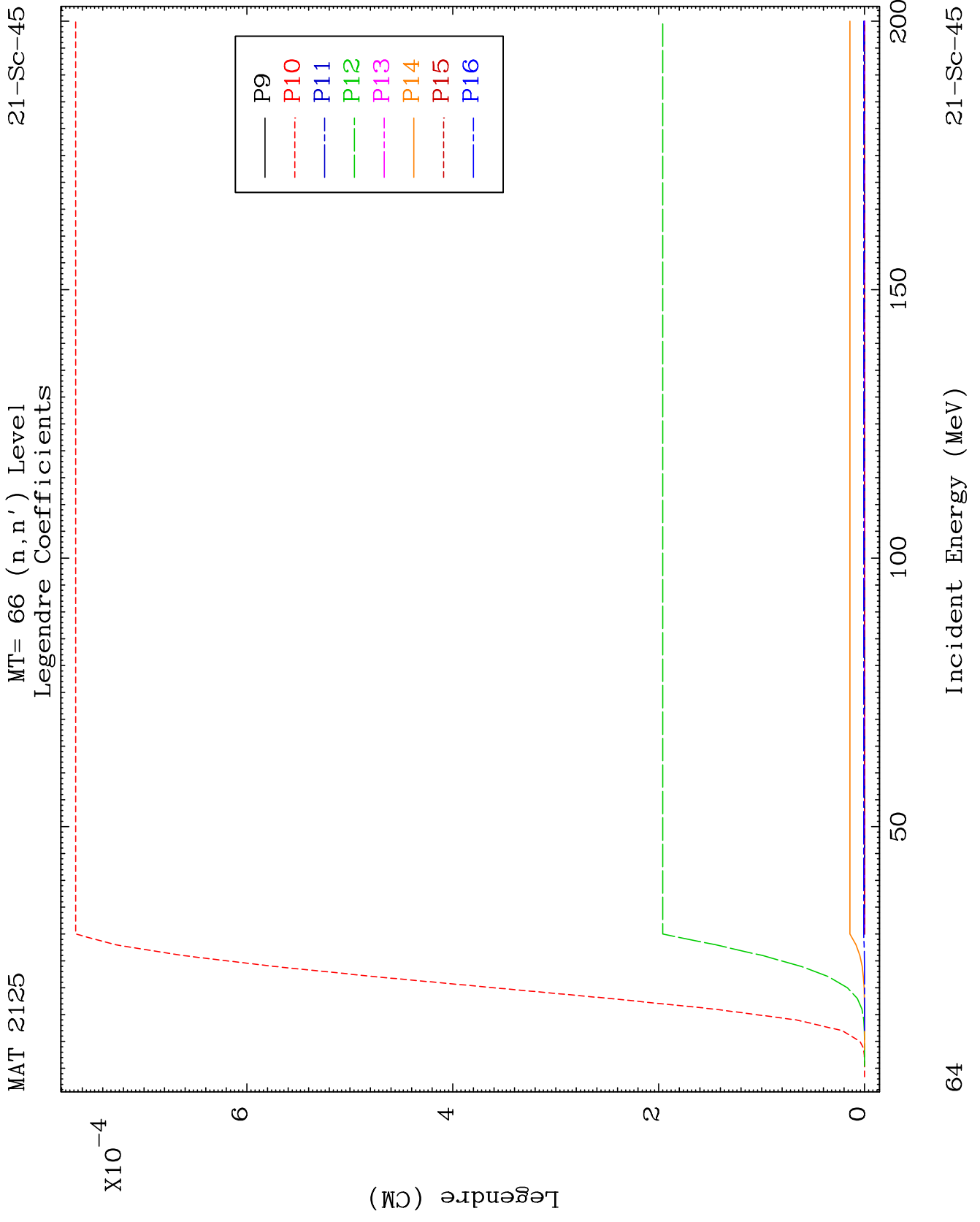


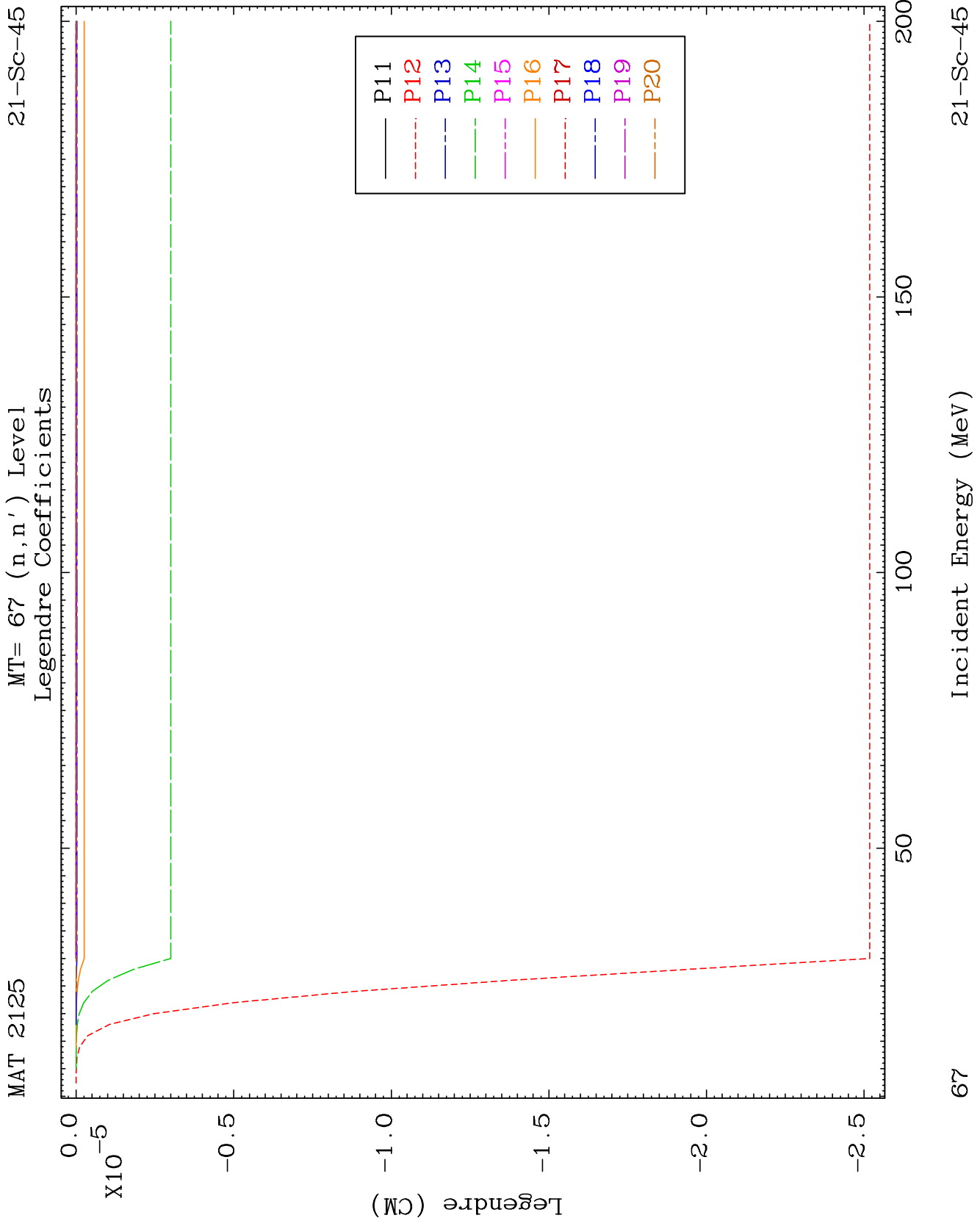
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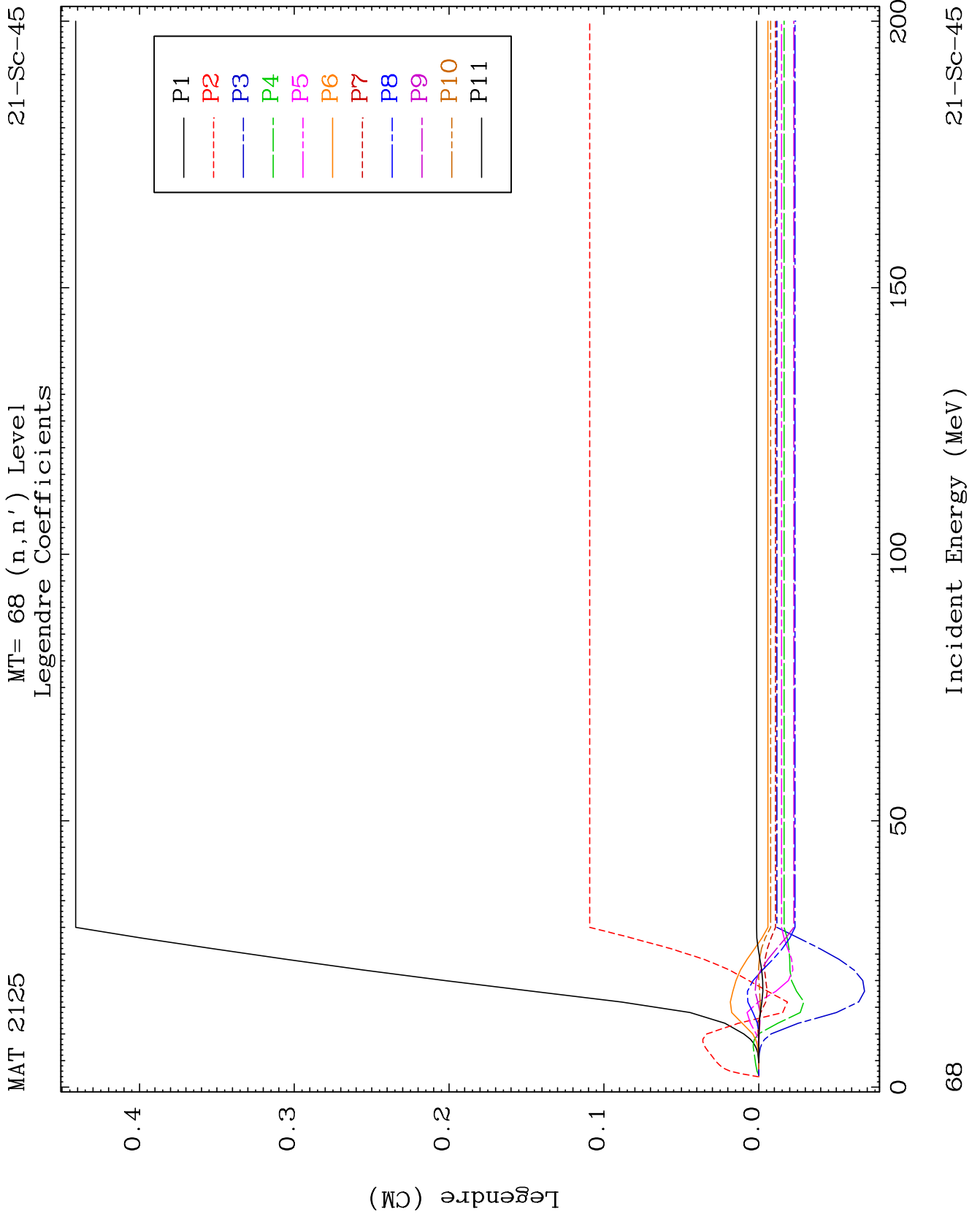
Incident Energy (MeV)

21-Sc-45





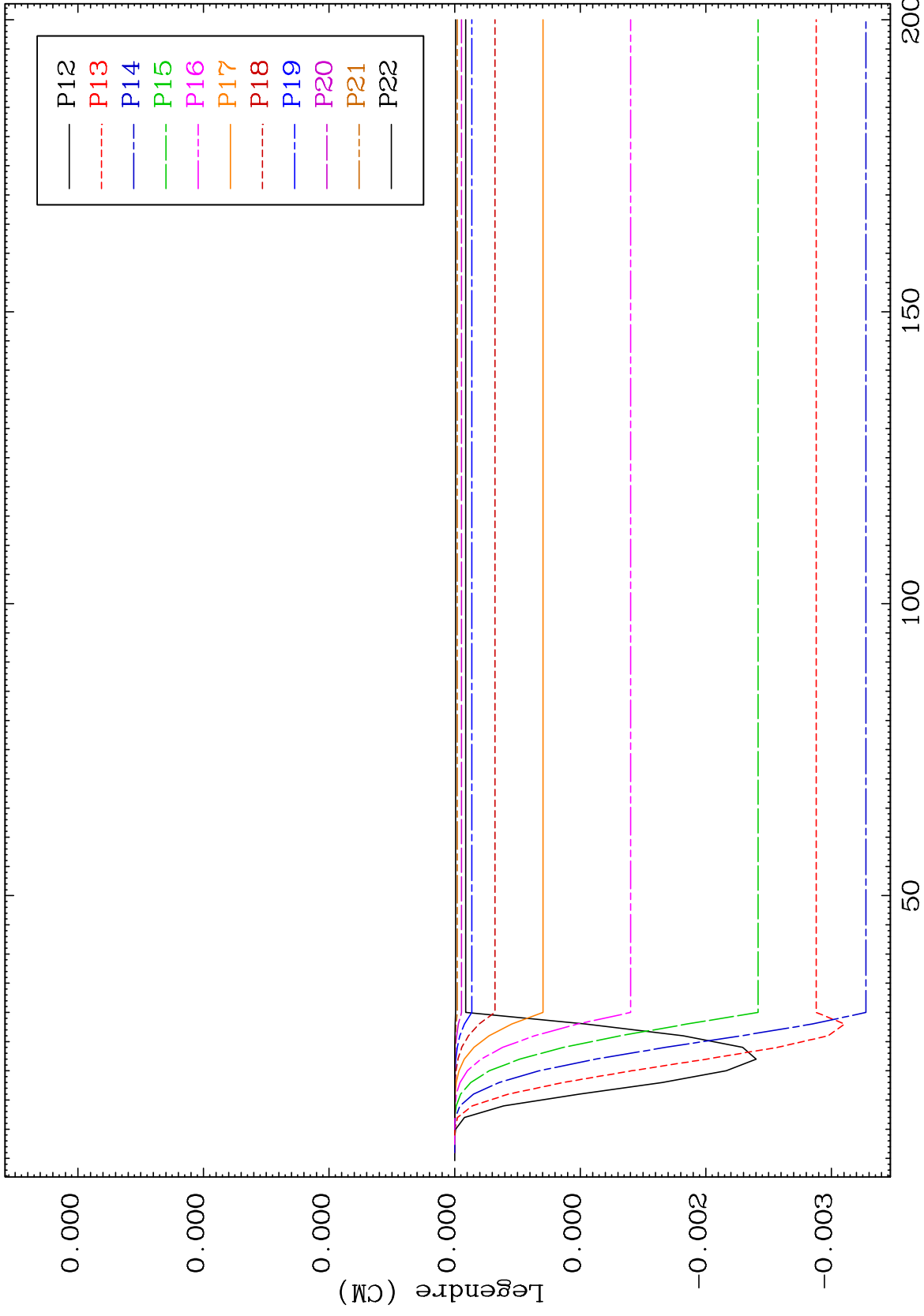




MAT 2125

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

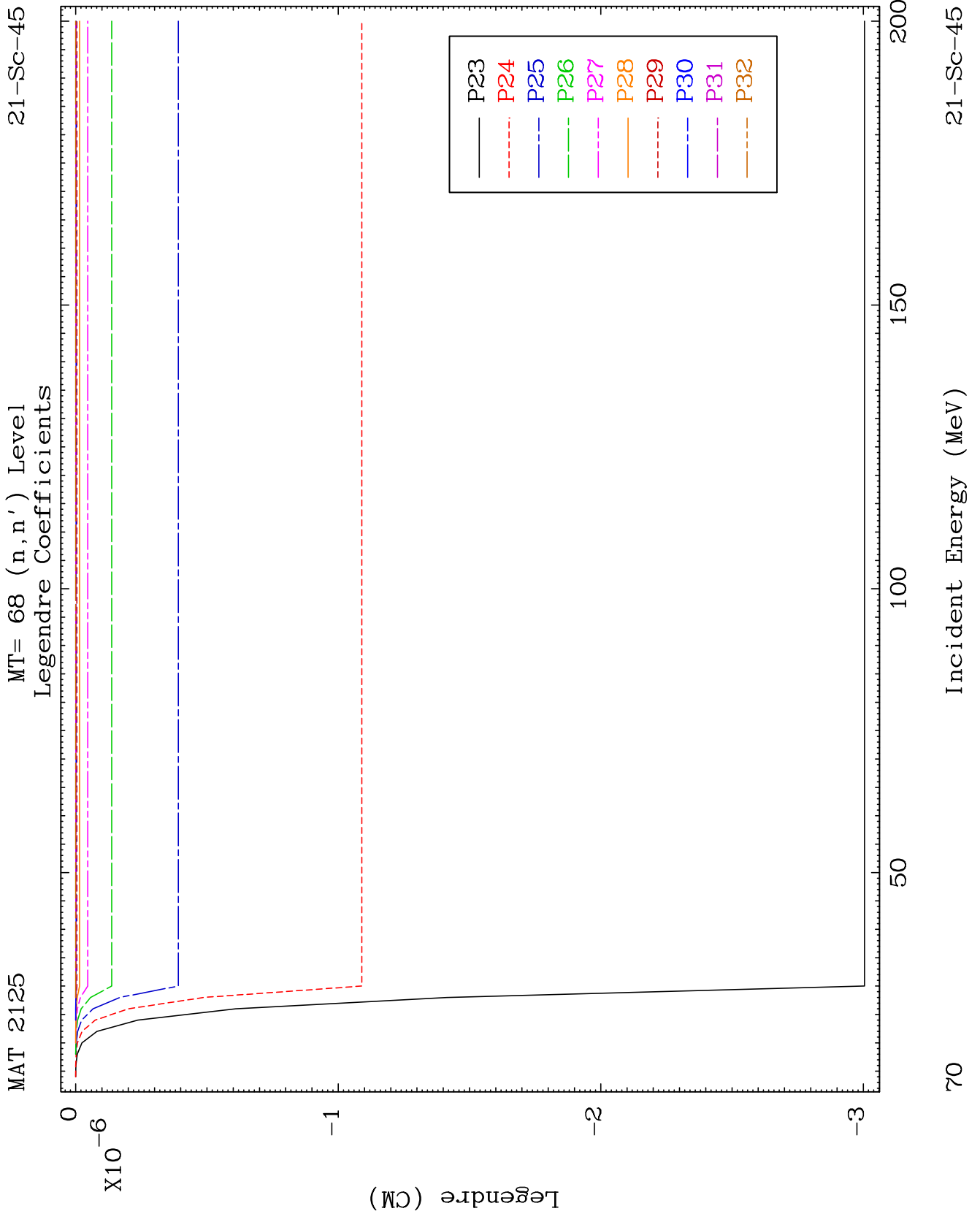
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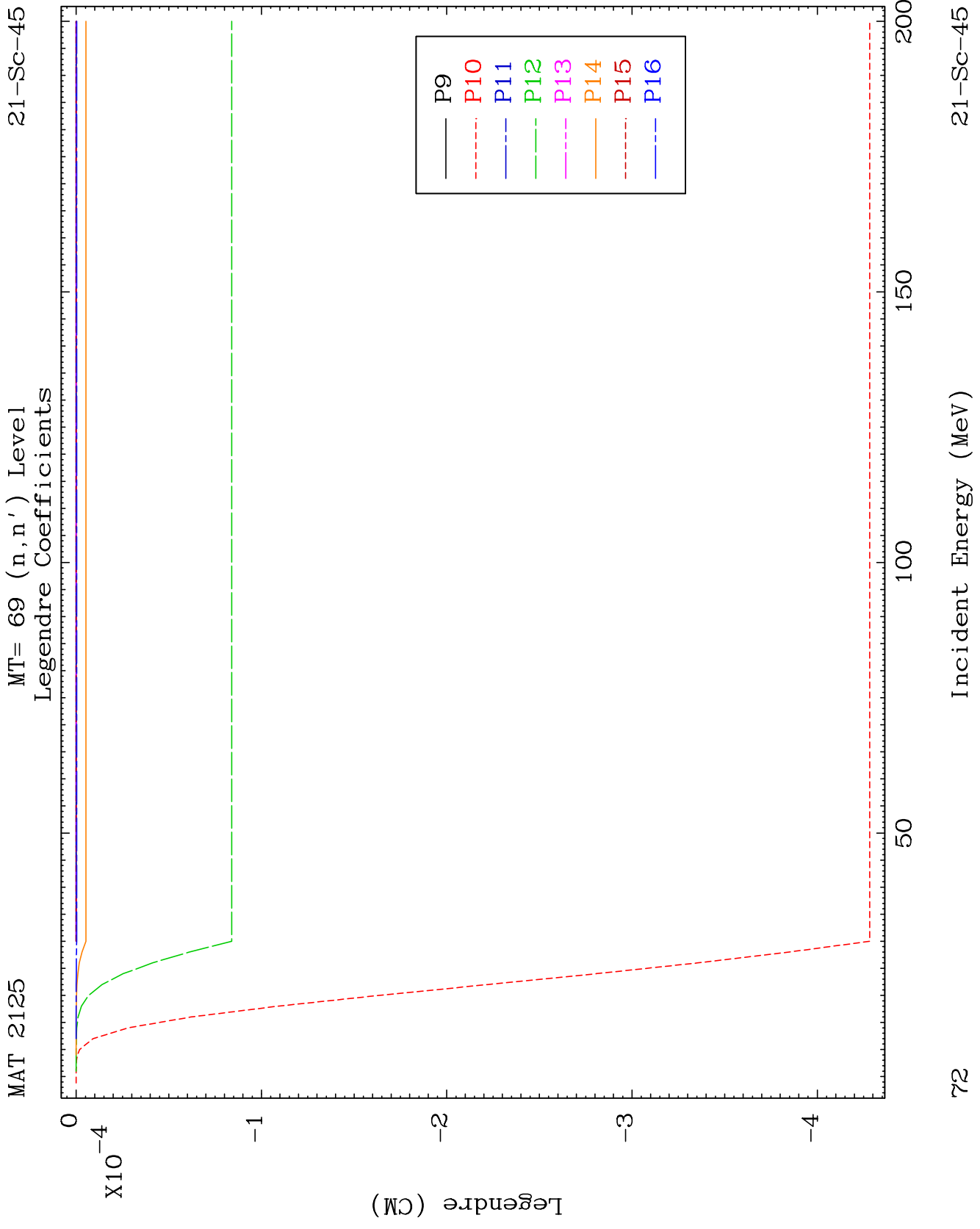


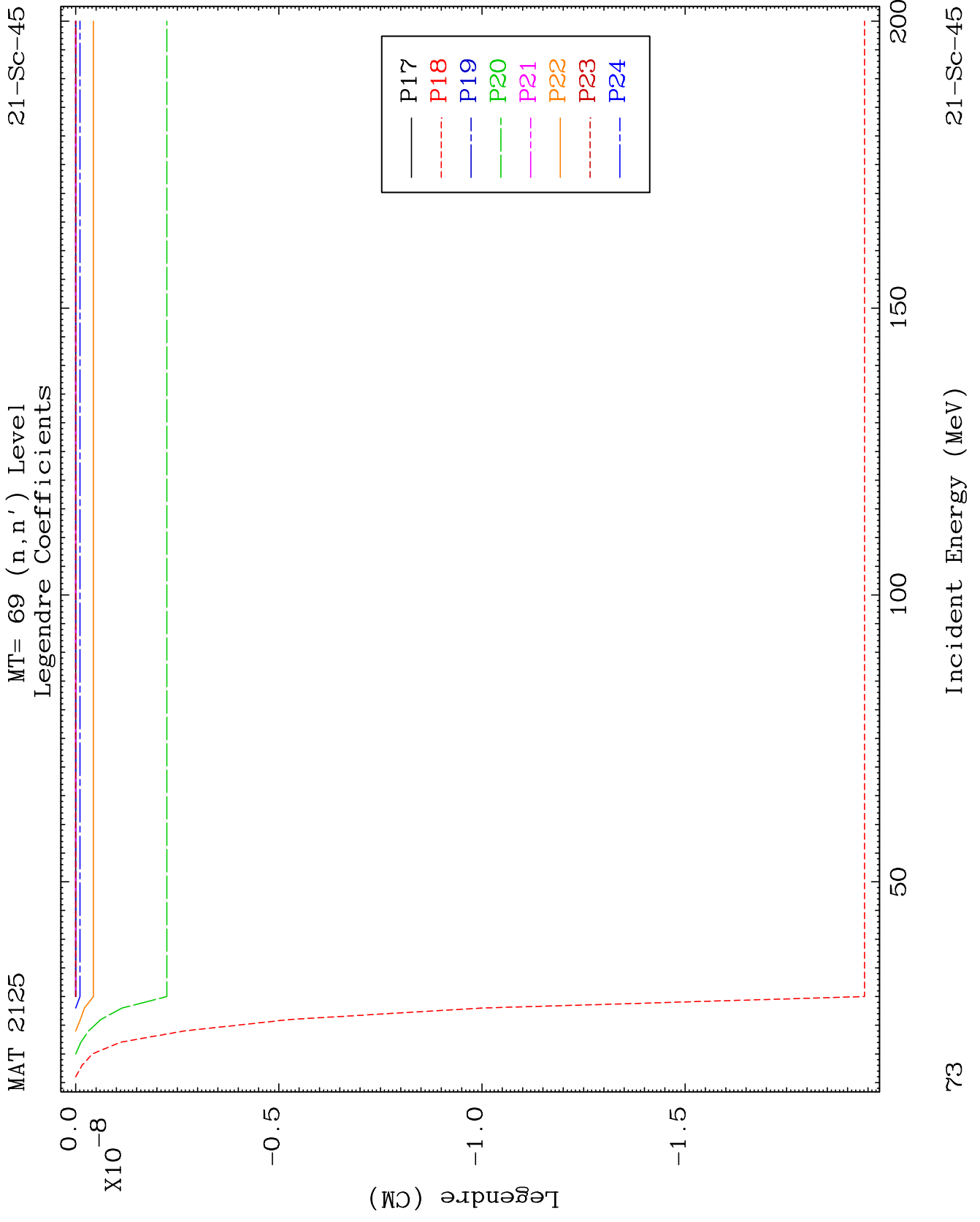
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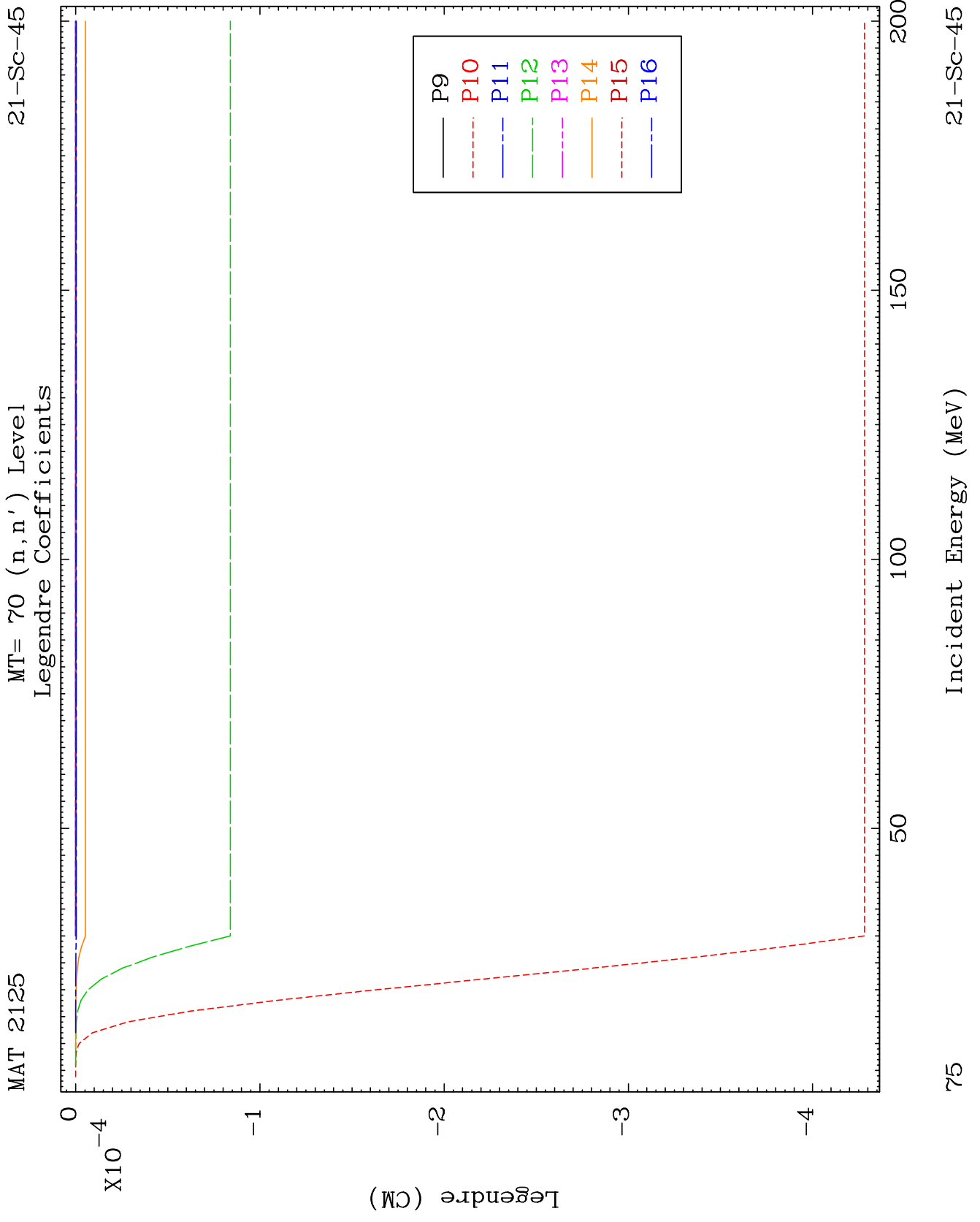
Incident Energy (MeV)

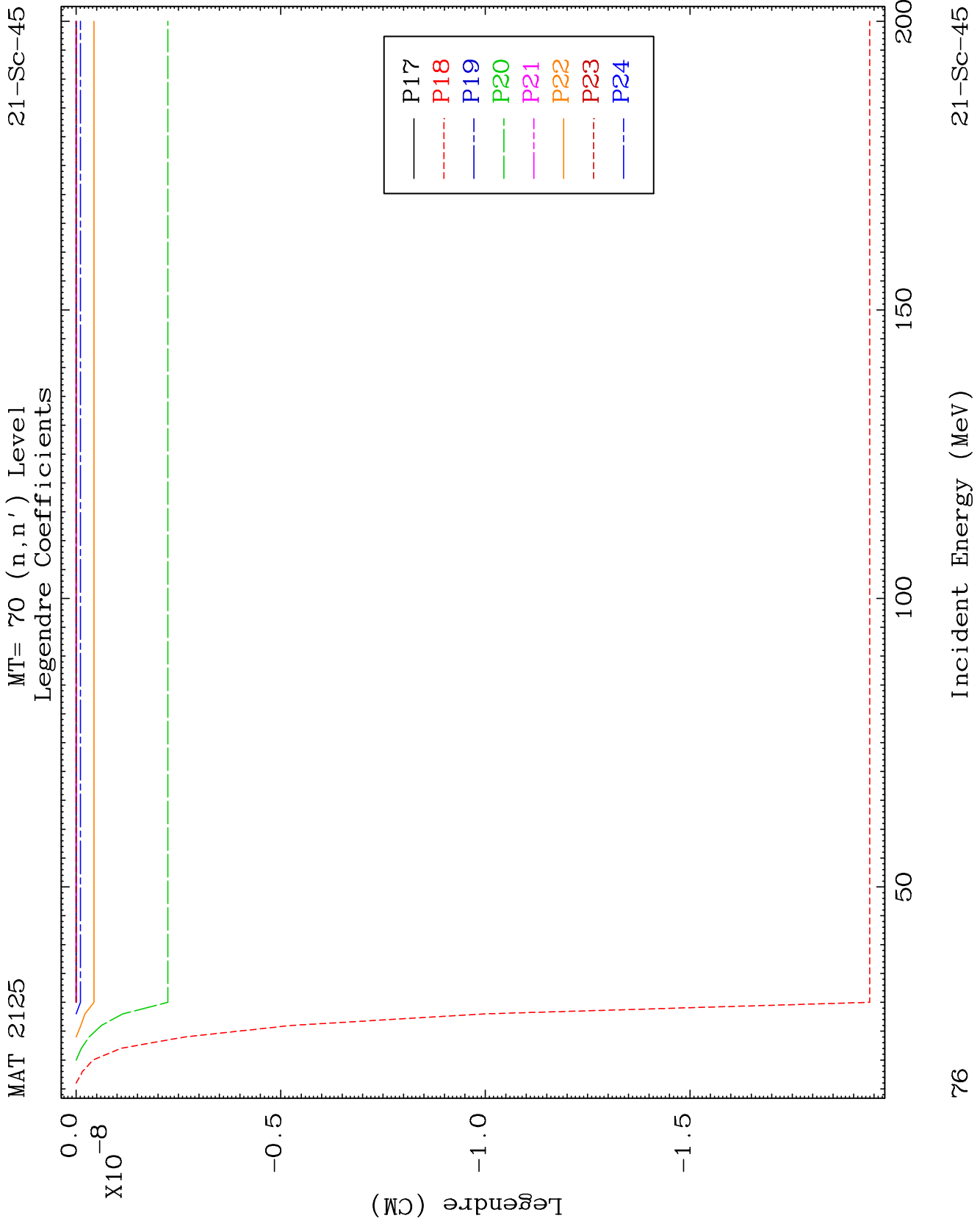
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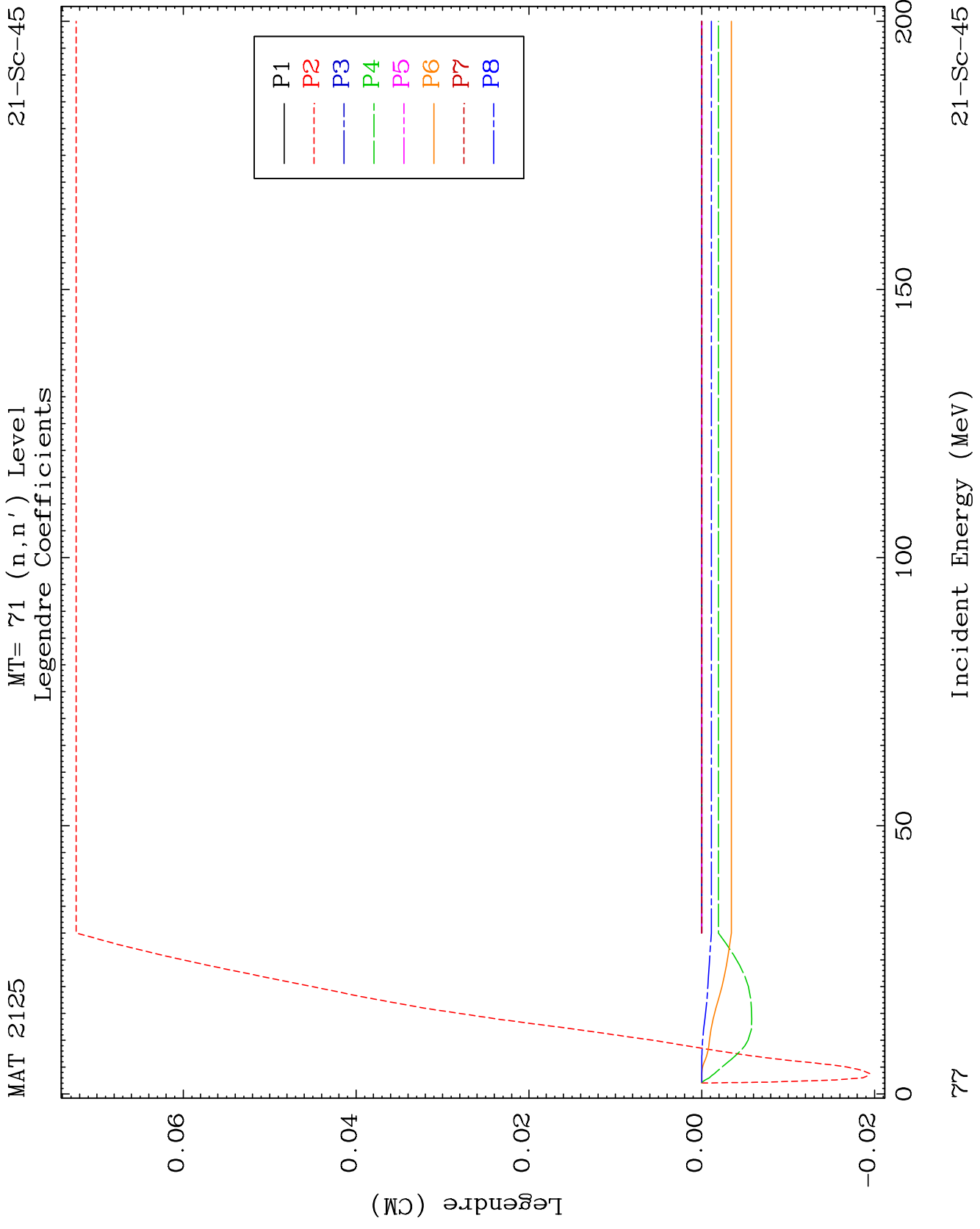


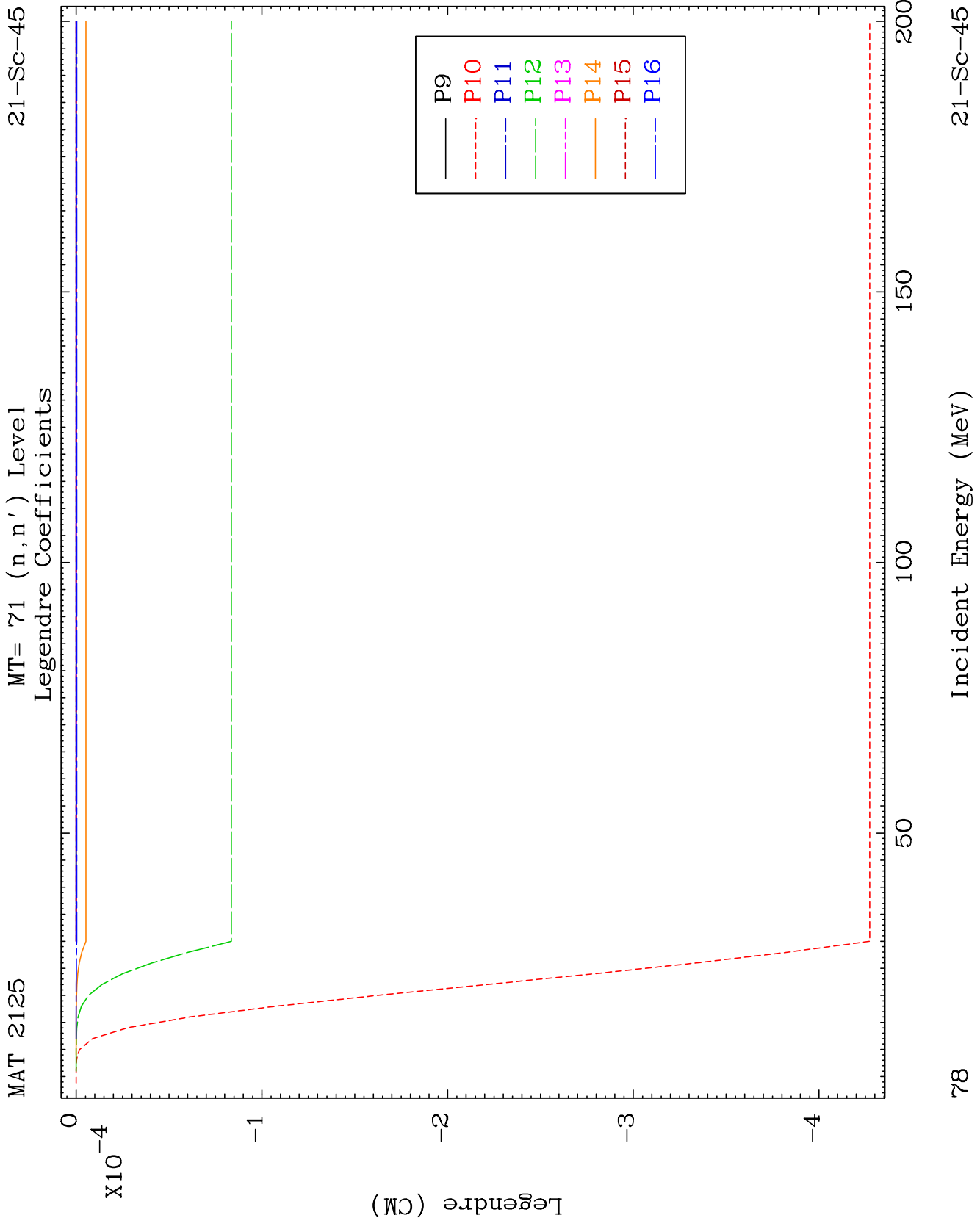


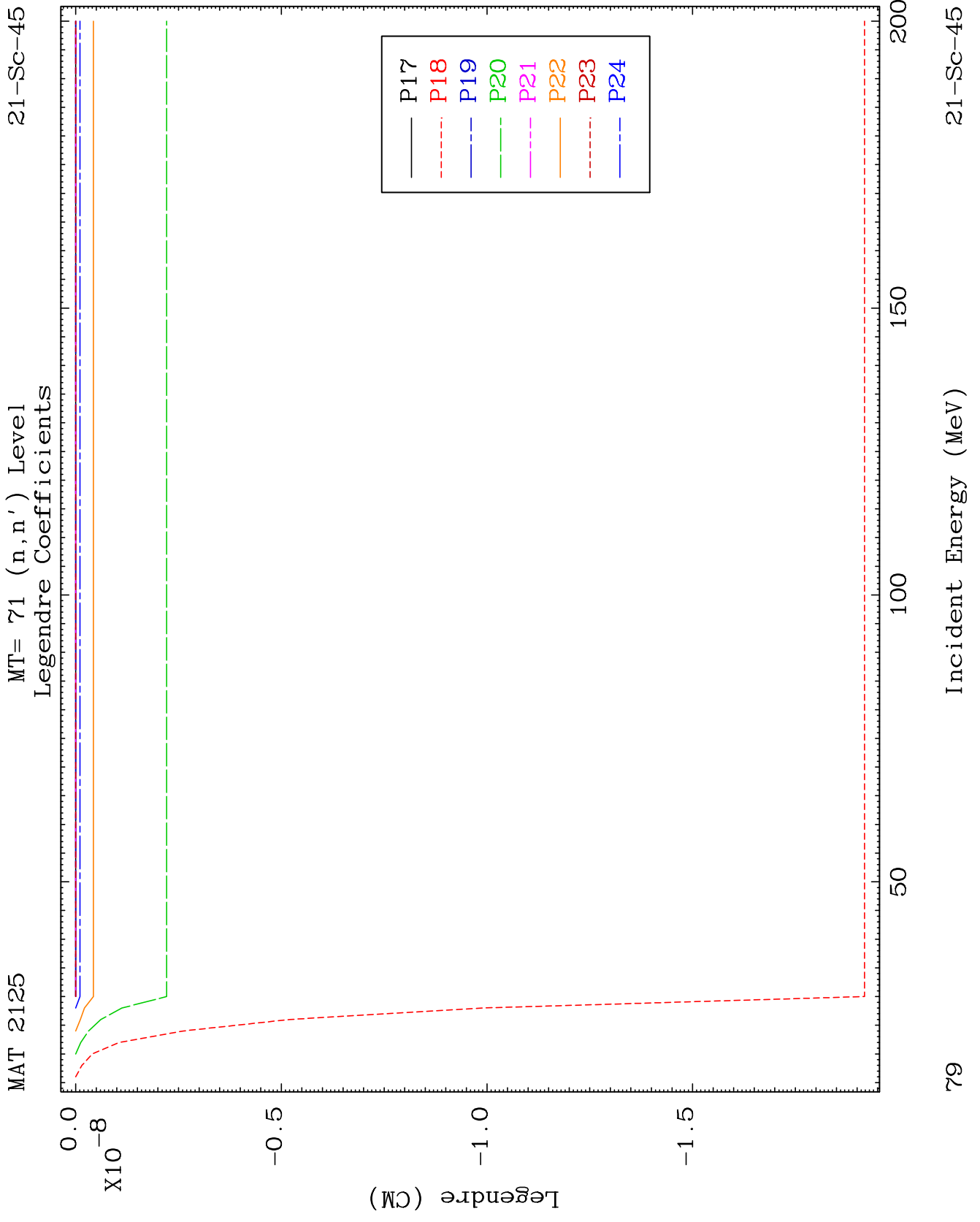








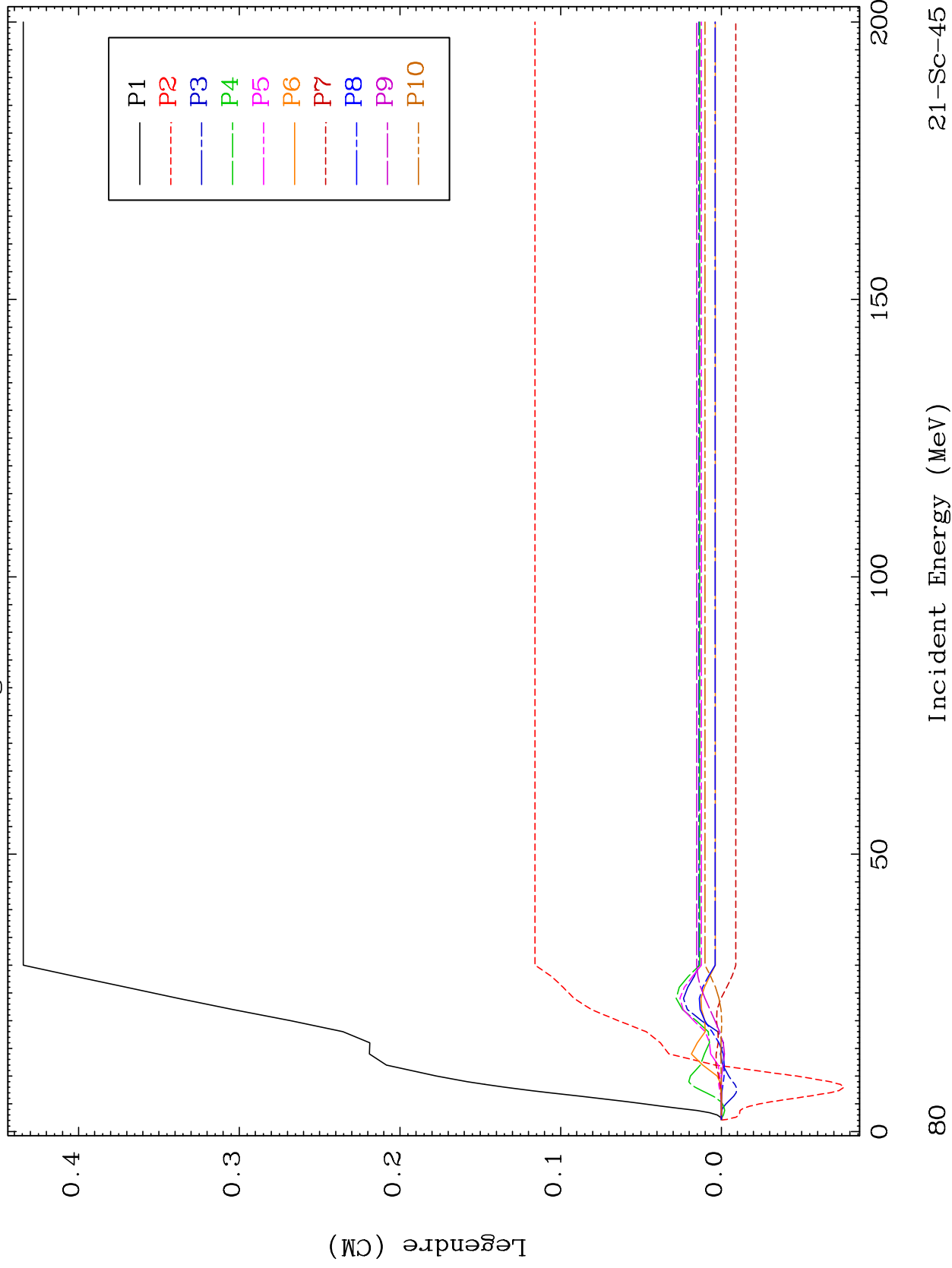




MAT 2125

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

21-Sc-45

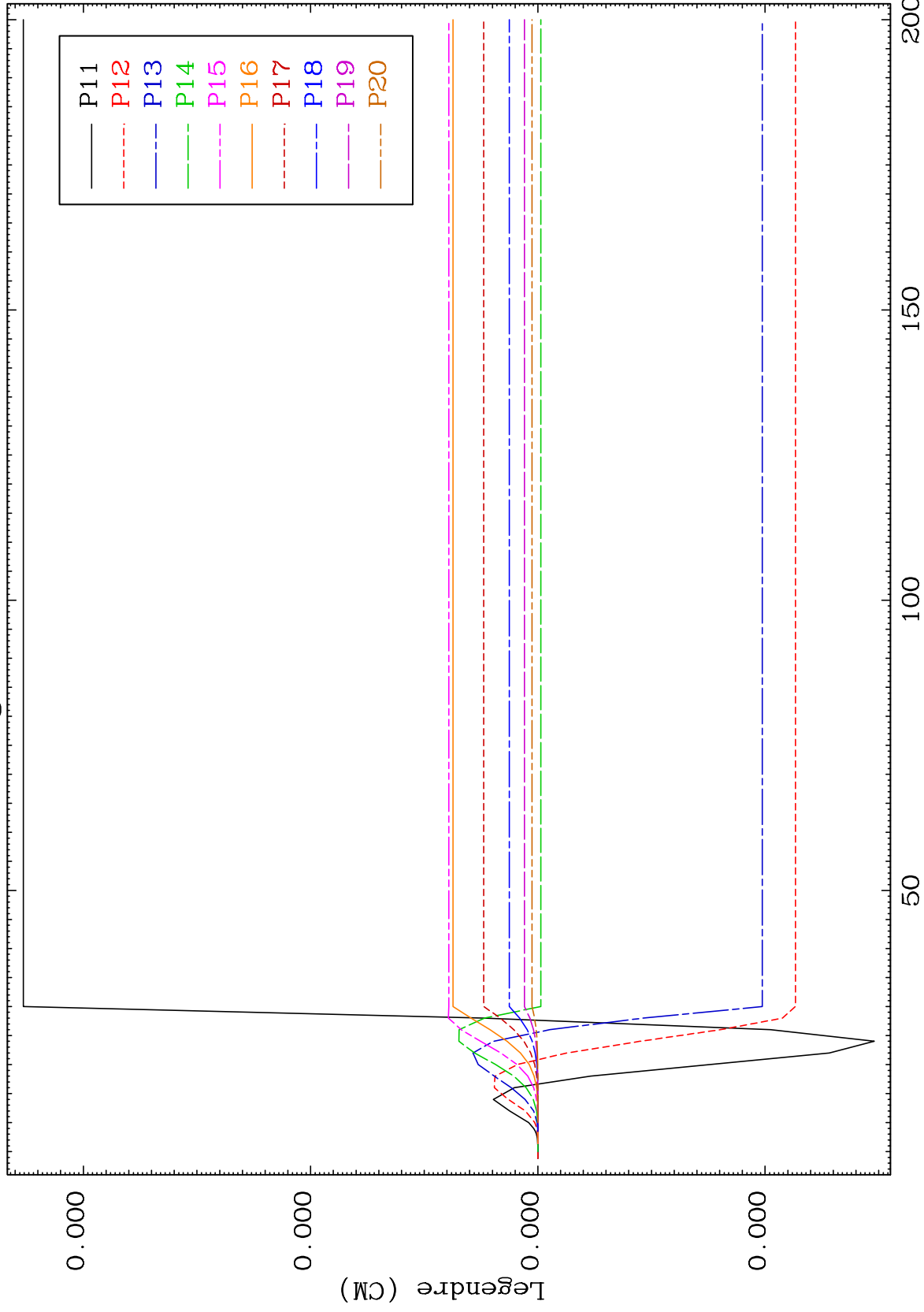


21-Sc-45

MAT 2125

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

21-Sc-45



81

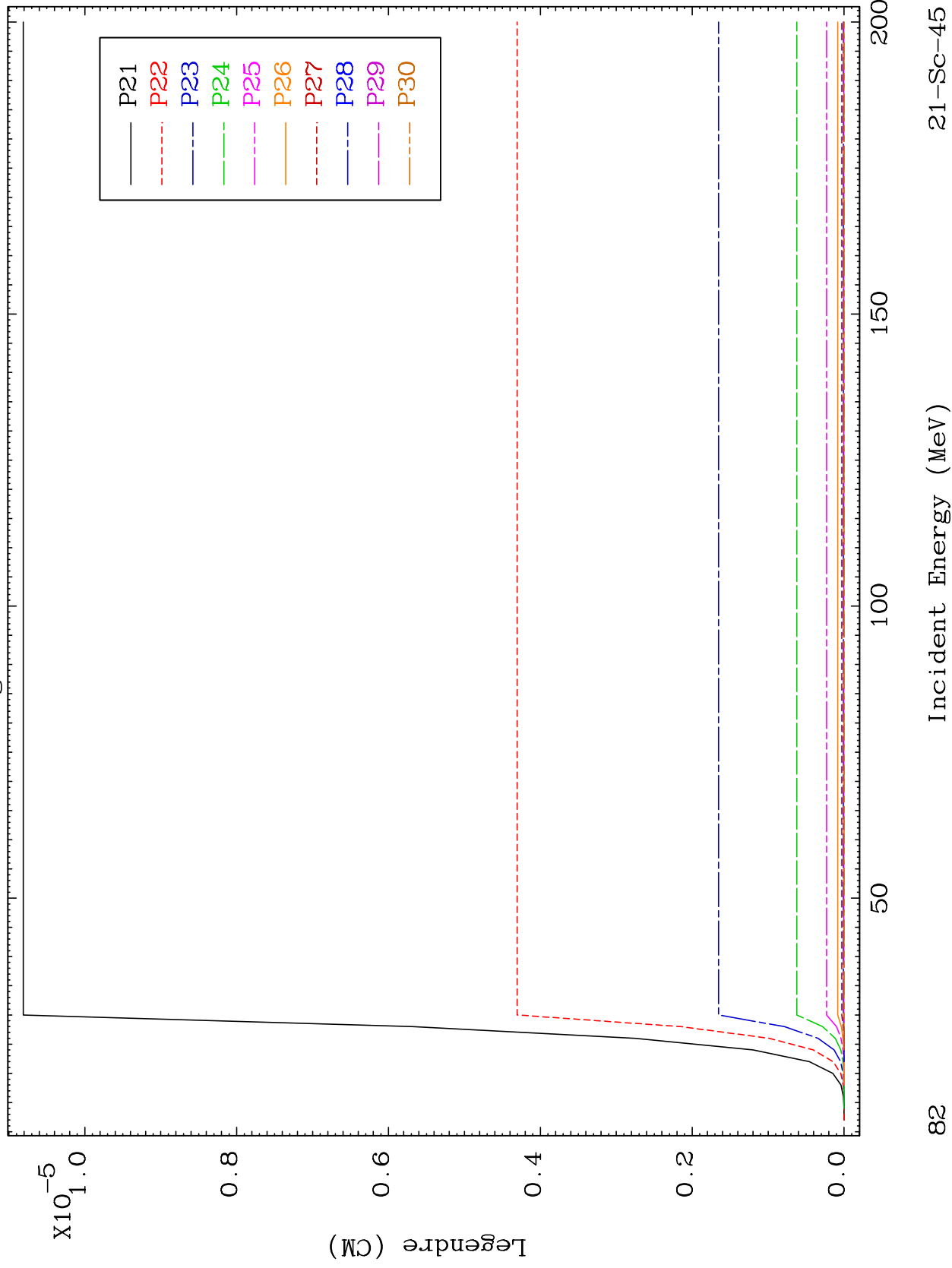
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

21-Sc-45



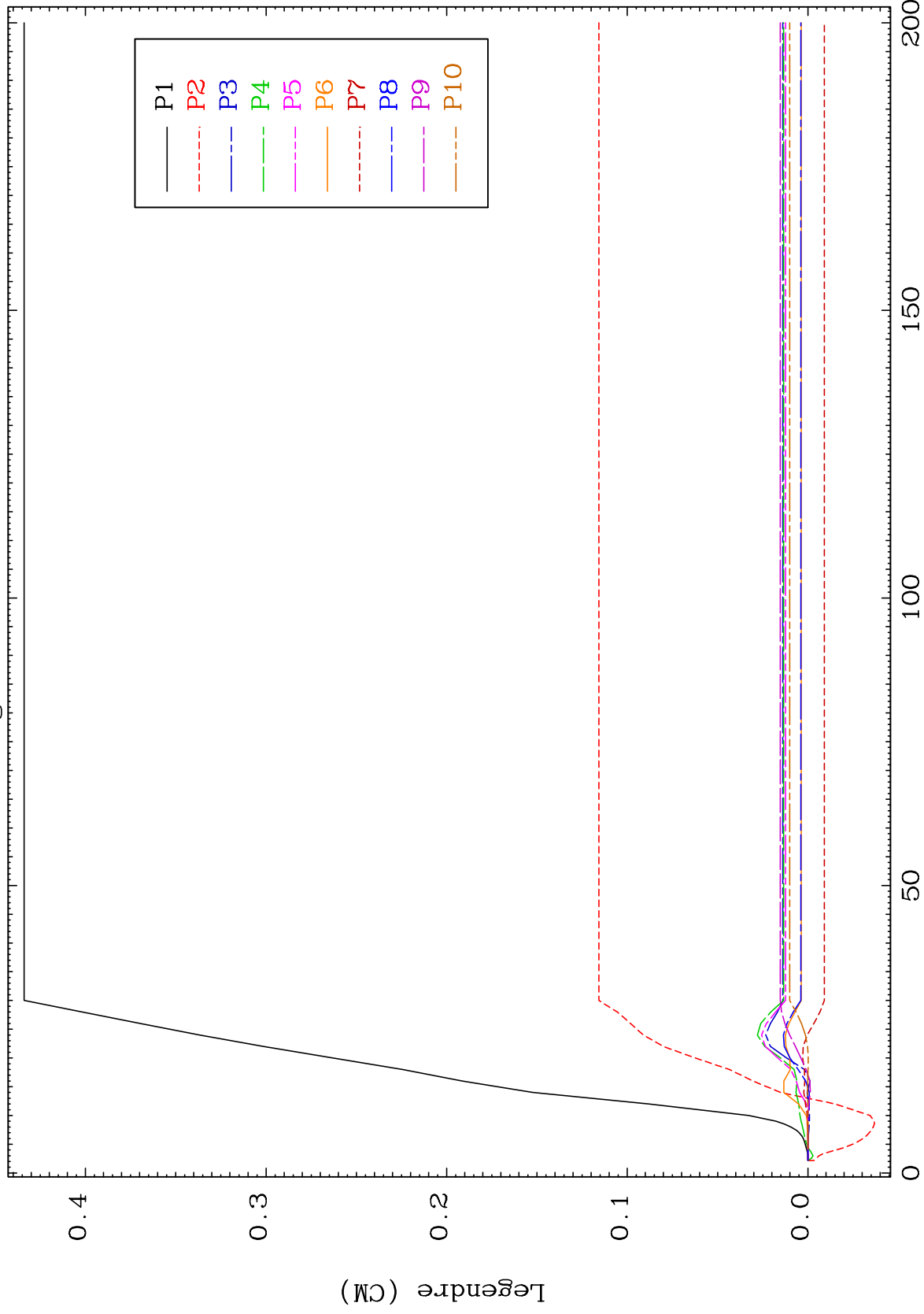
82

21-Sc-45

MAT 2125

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

21-Sc-45



83

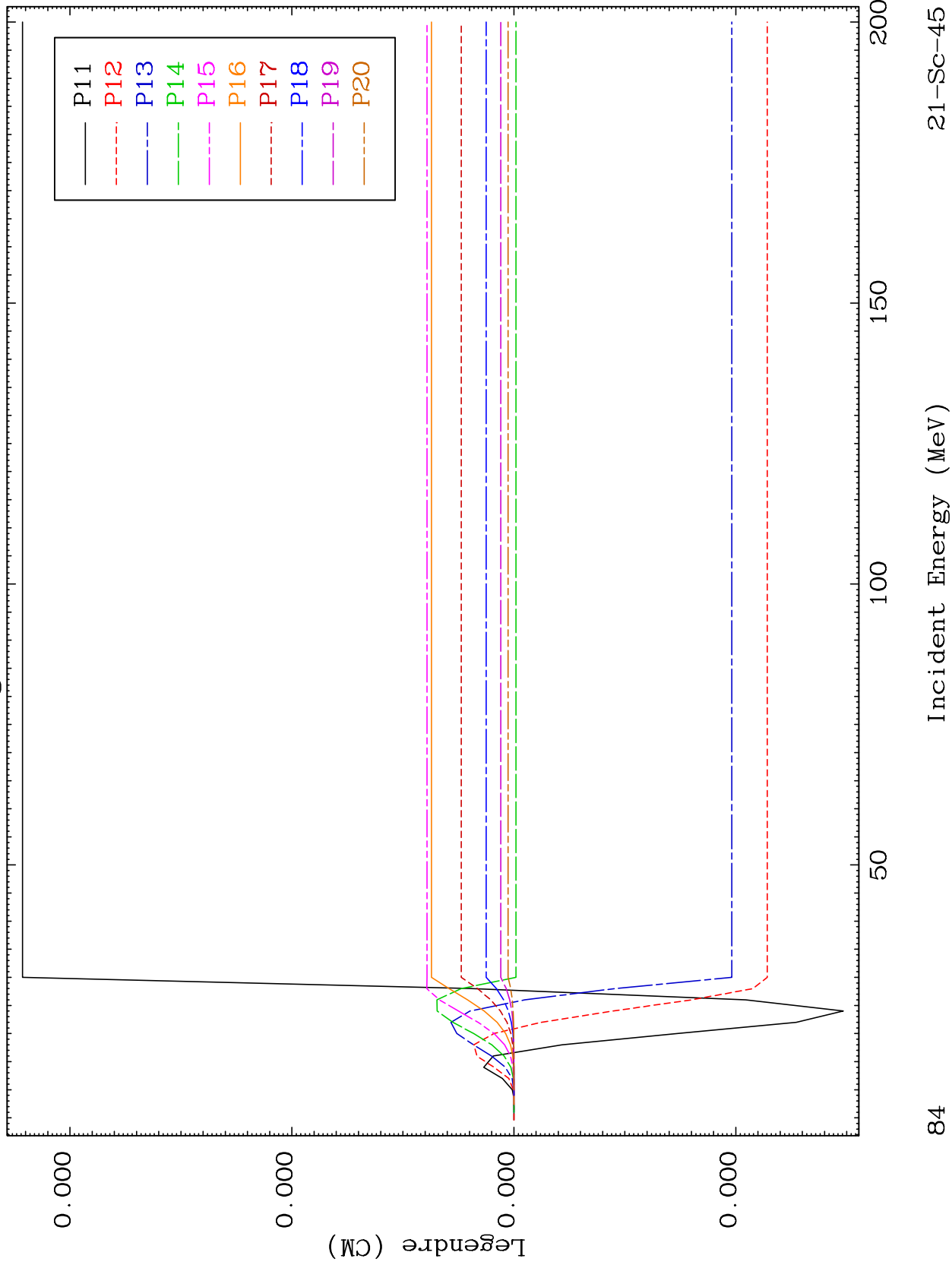
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

21-Sc-45



84

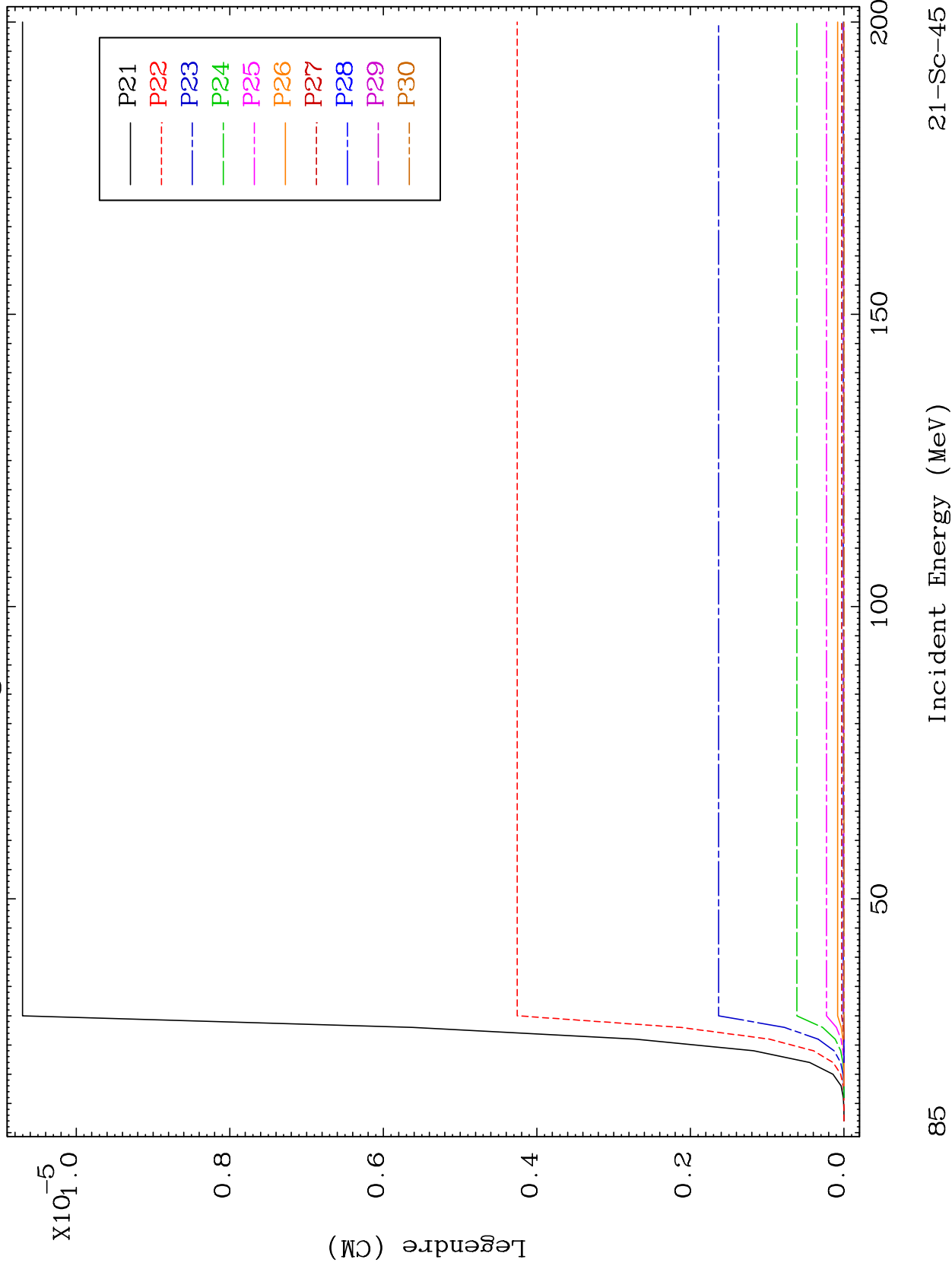
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

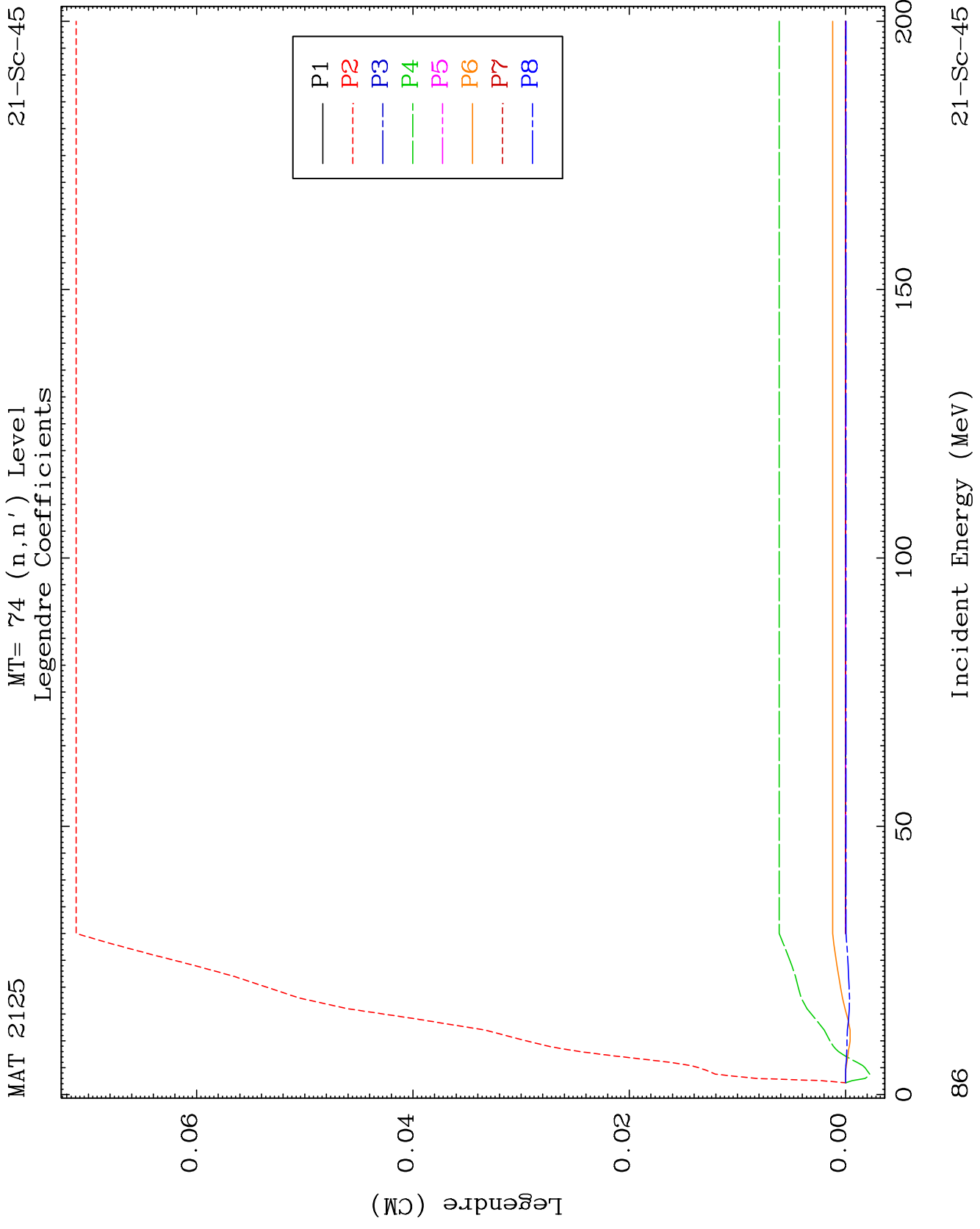
21-Sc-45

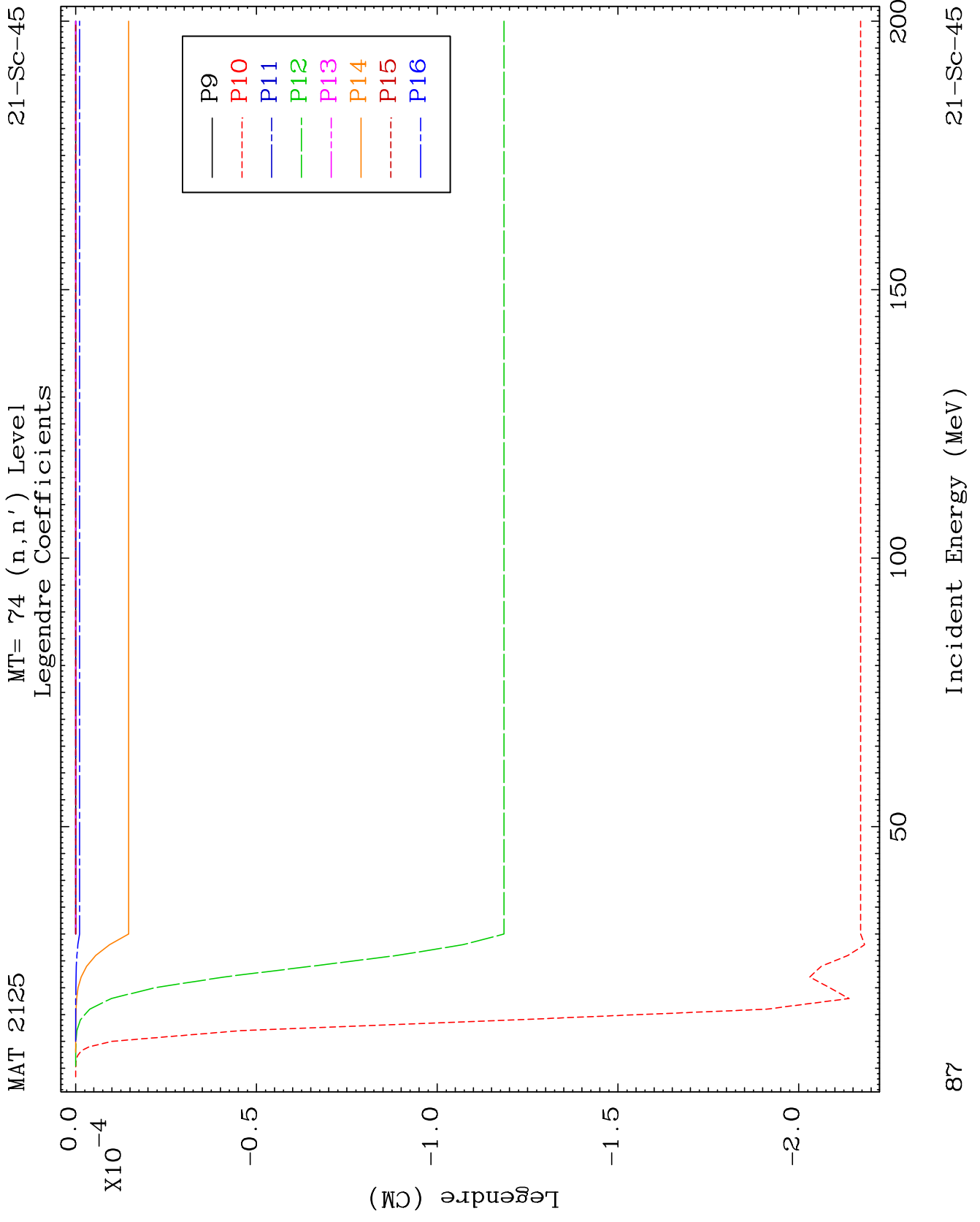


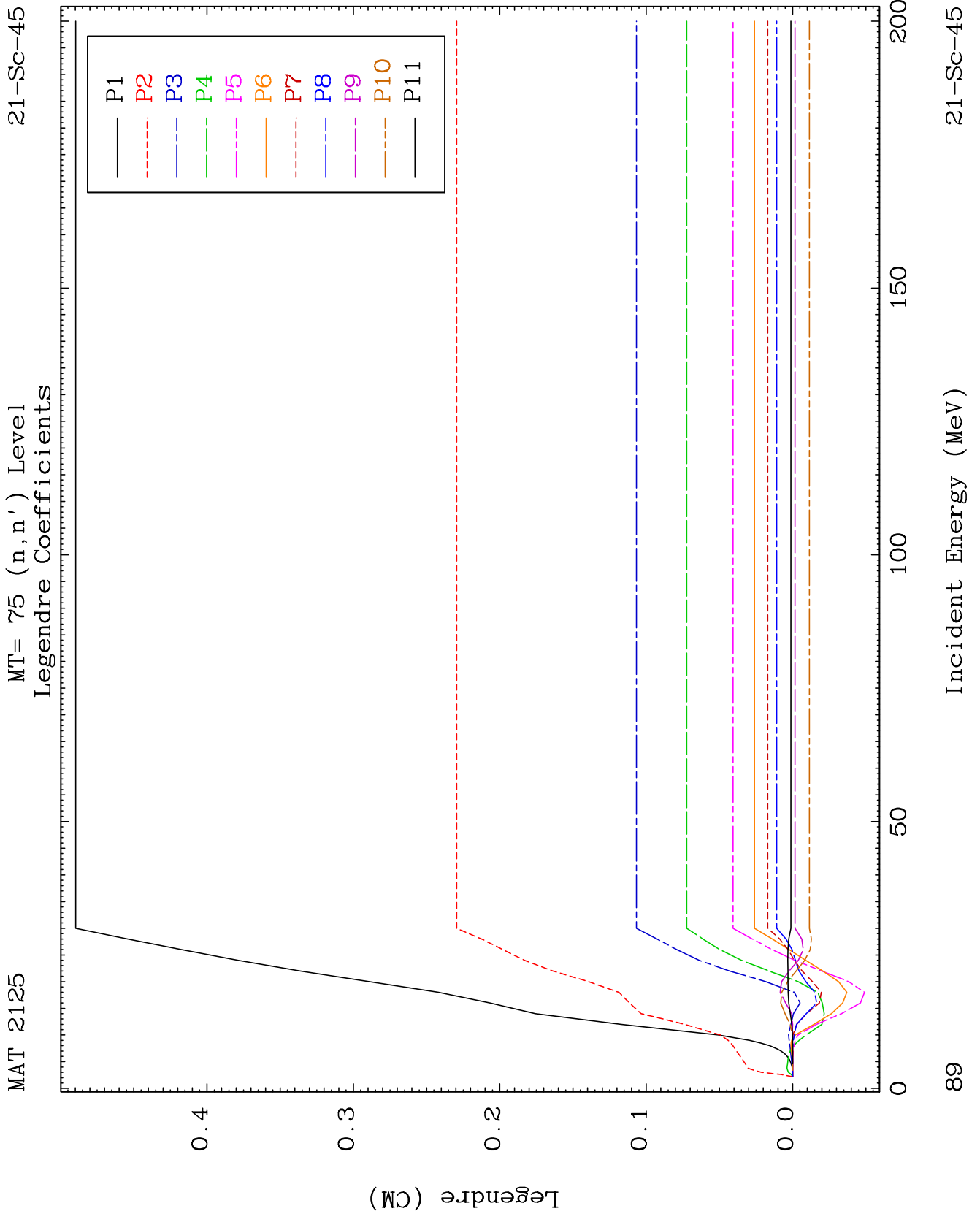
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Incident Energy (MeV)

21-Sc-45



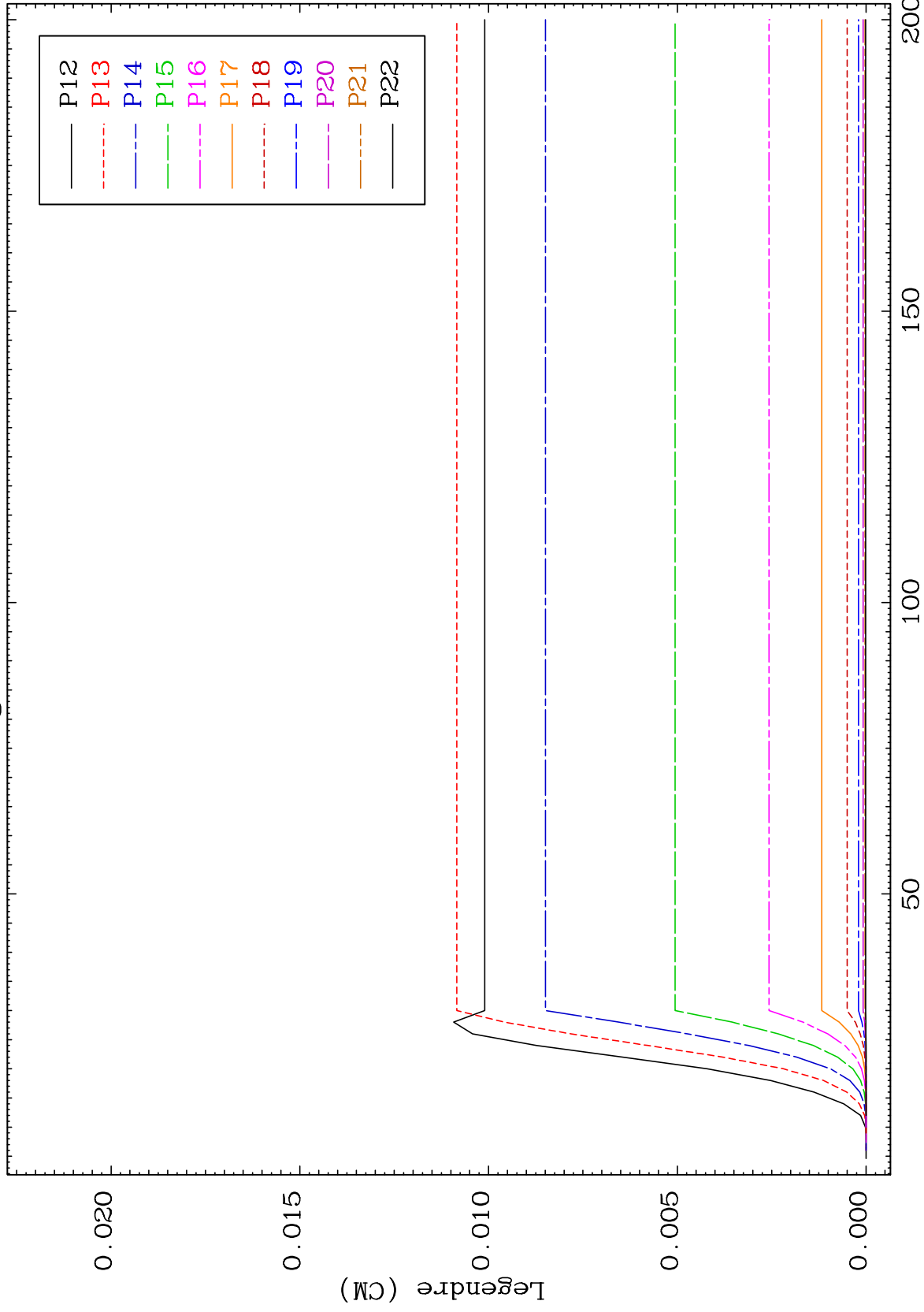




MAT 2125

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

21-Sc-45



90

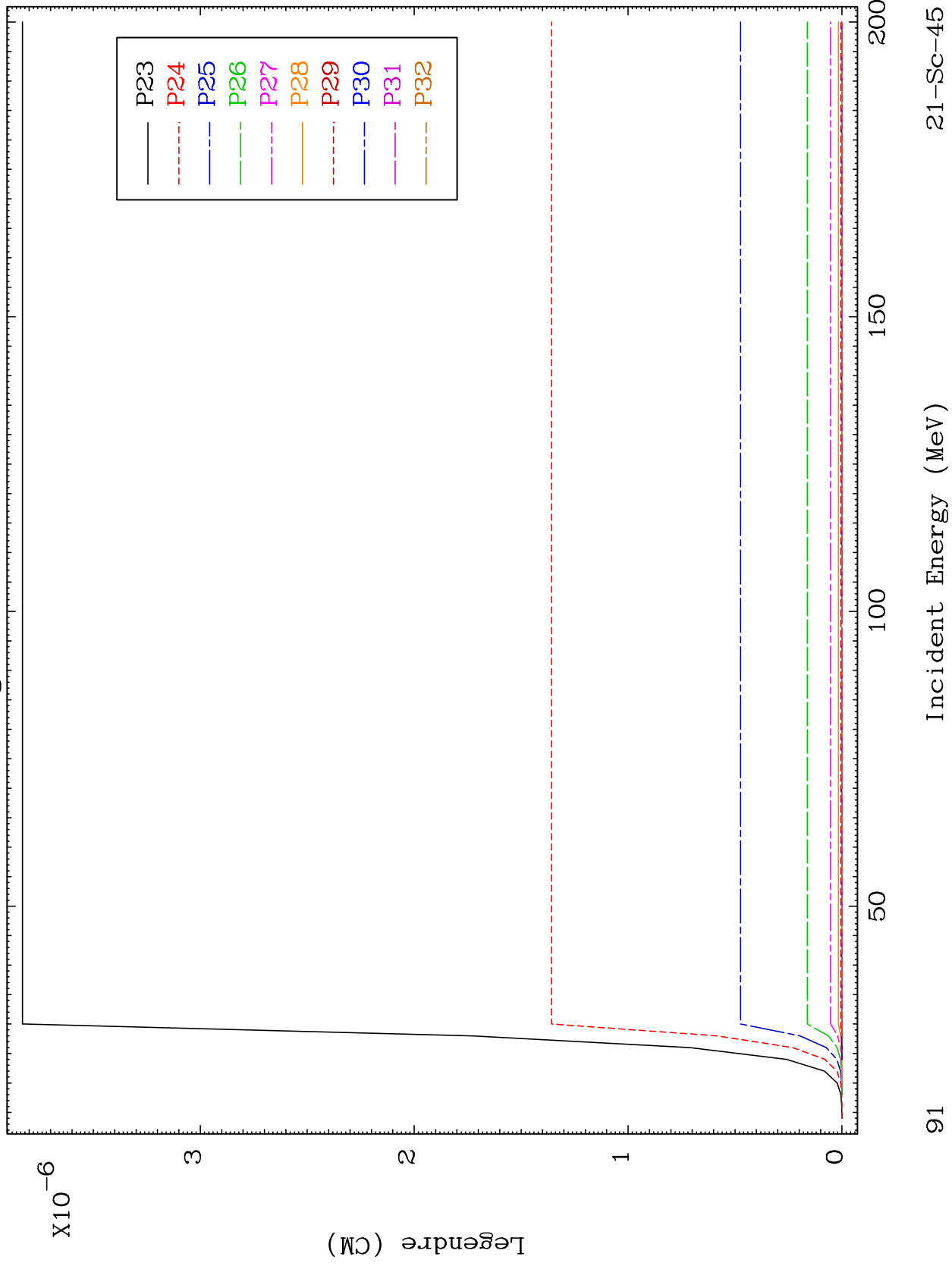
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

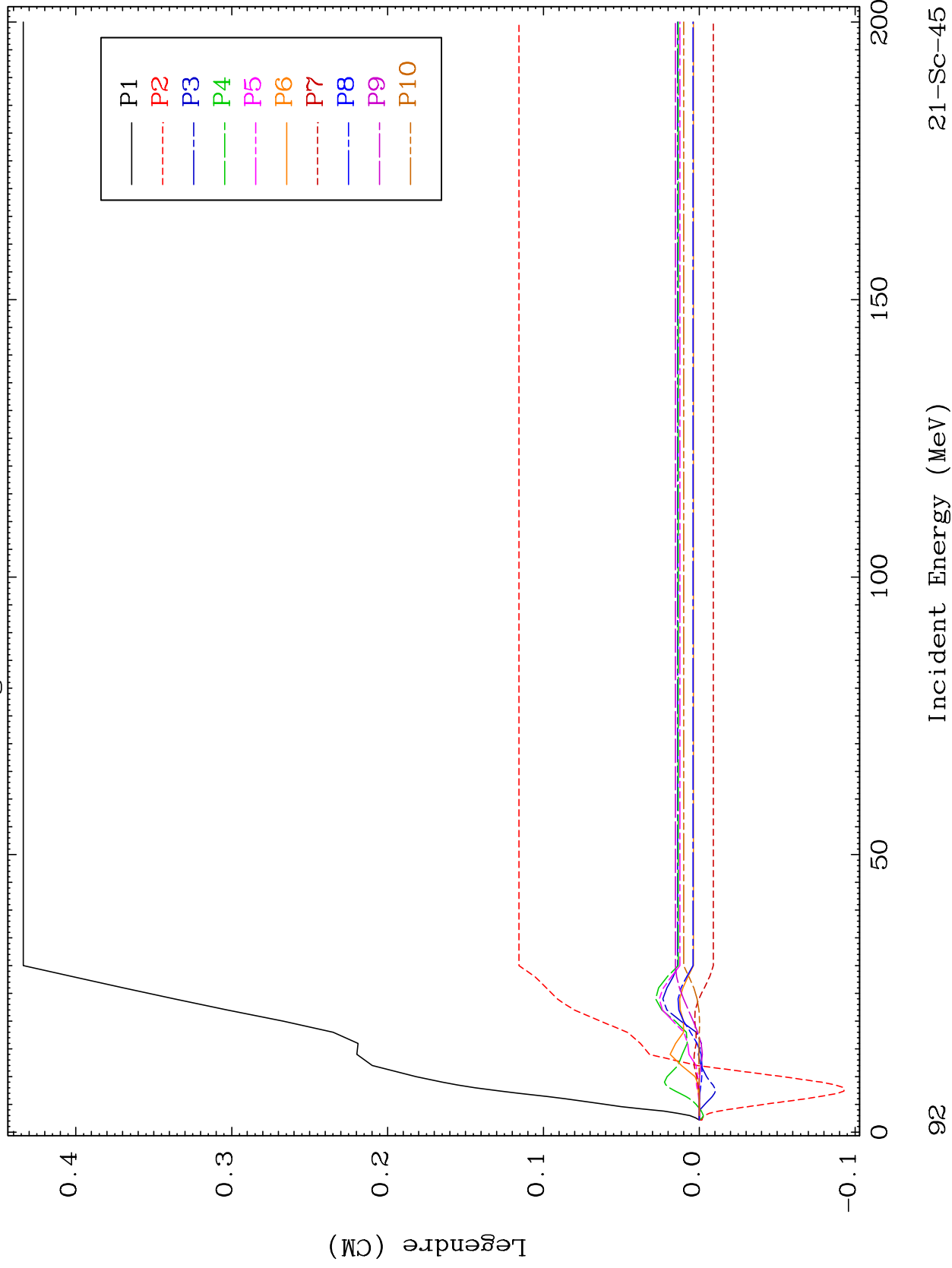
21-Sc-45



MAT 2125

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

21-Sc-45



92

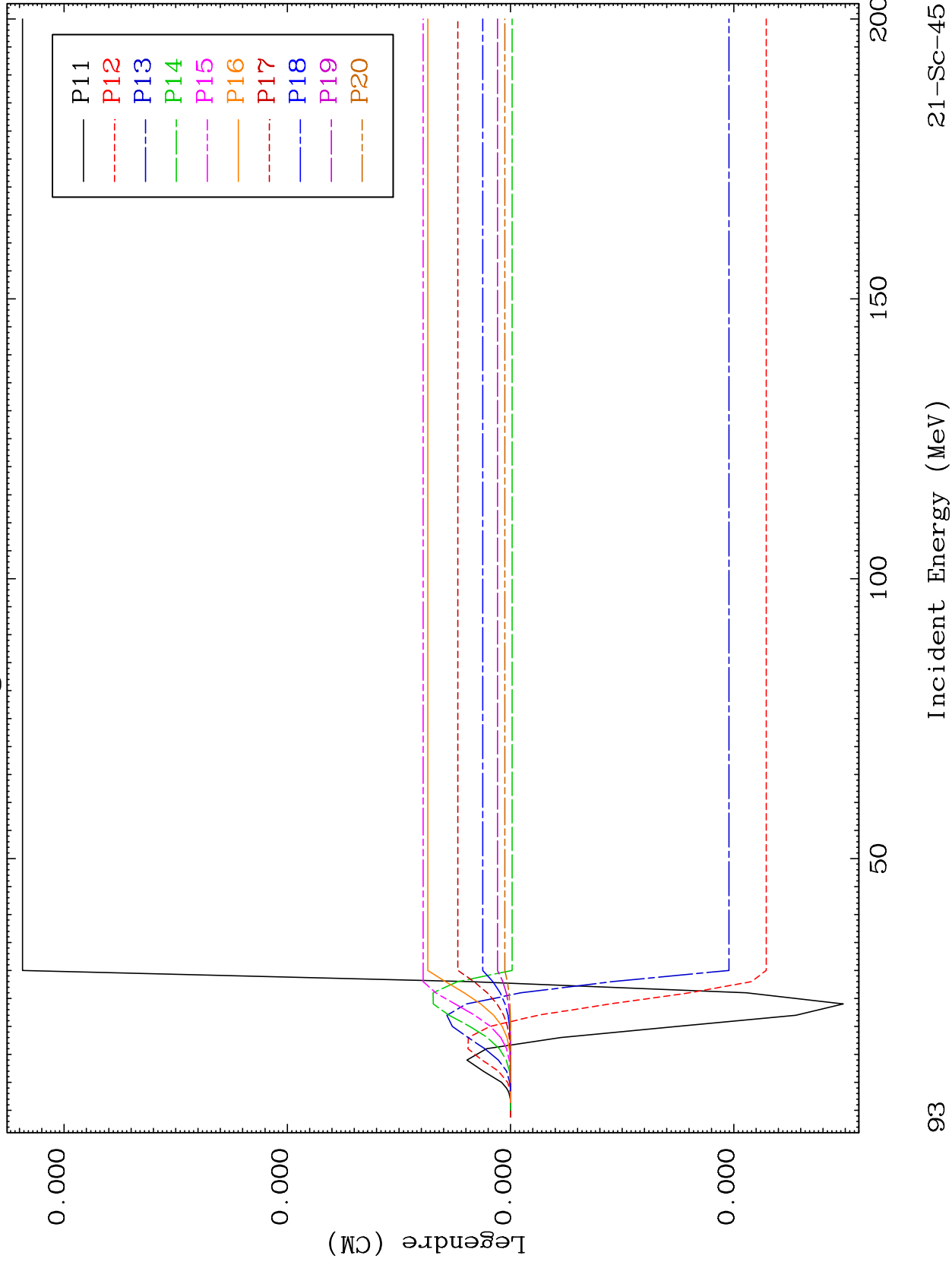
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

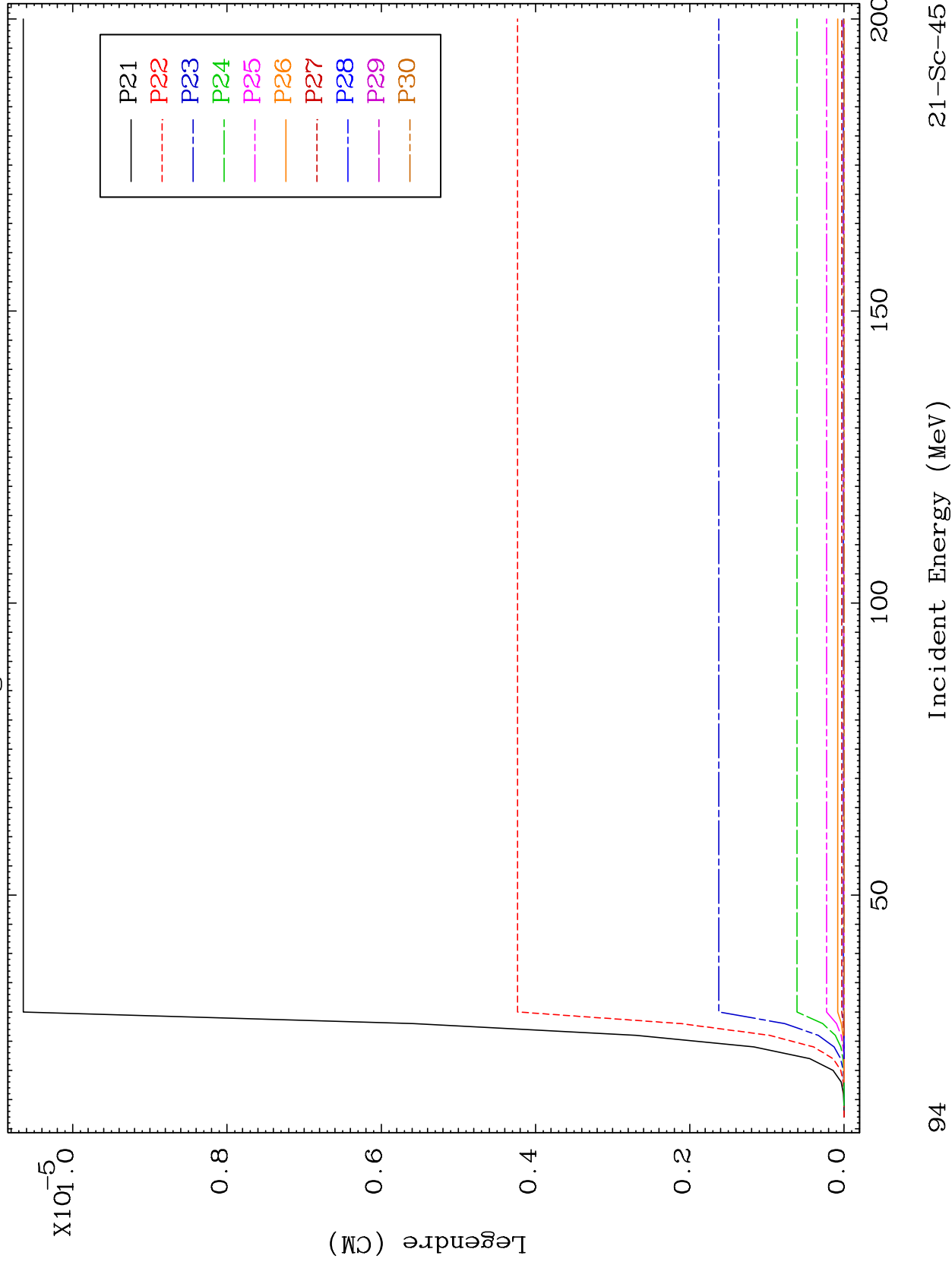
21-Sc-45



MAT 2125

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

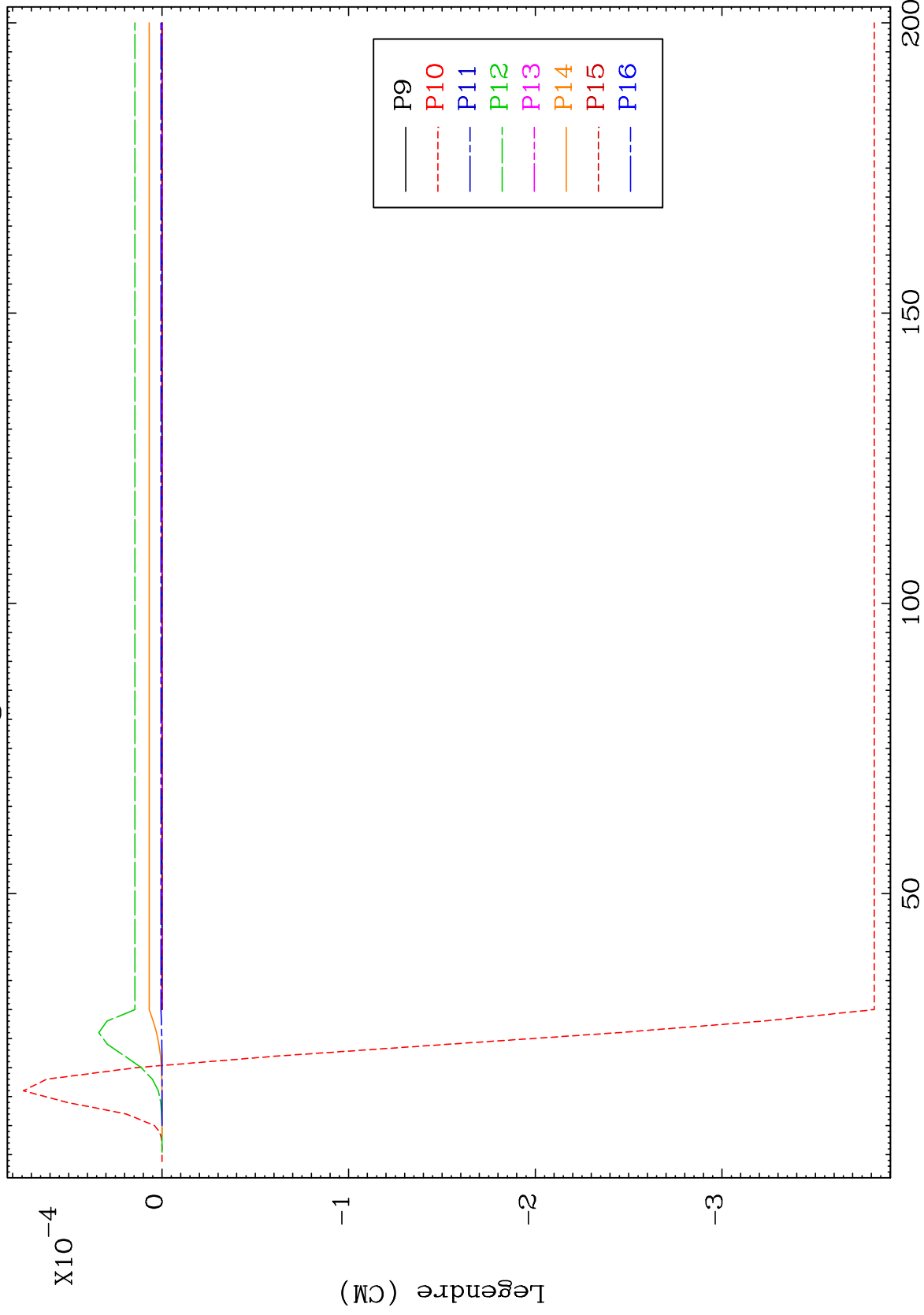
21-Sc-45



MAT 2125

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

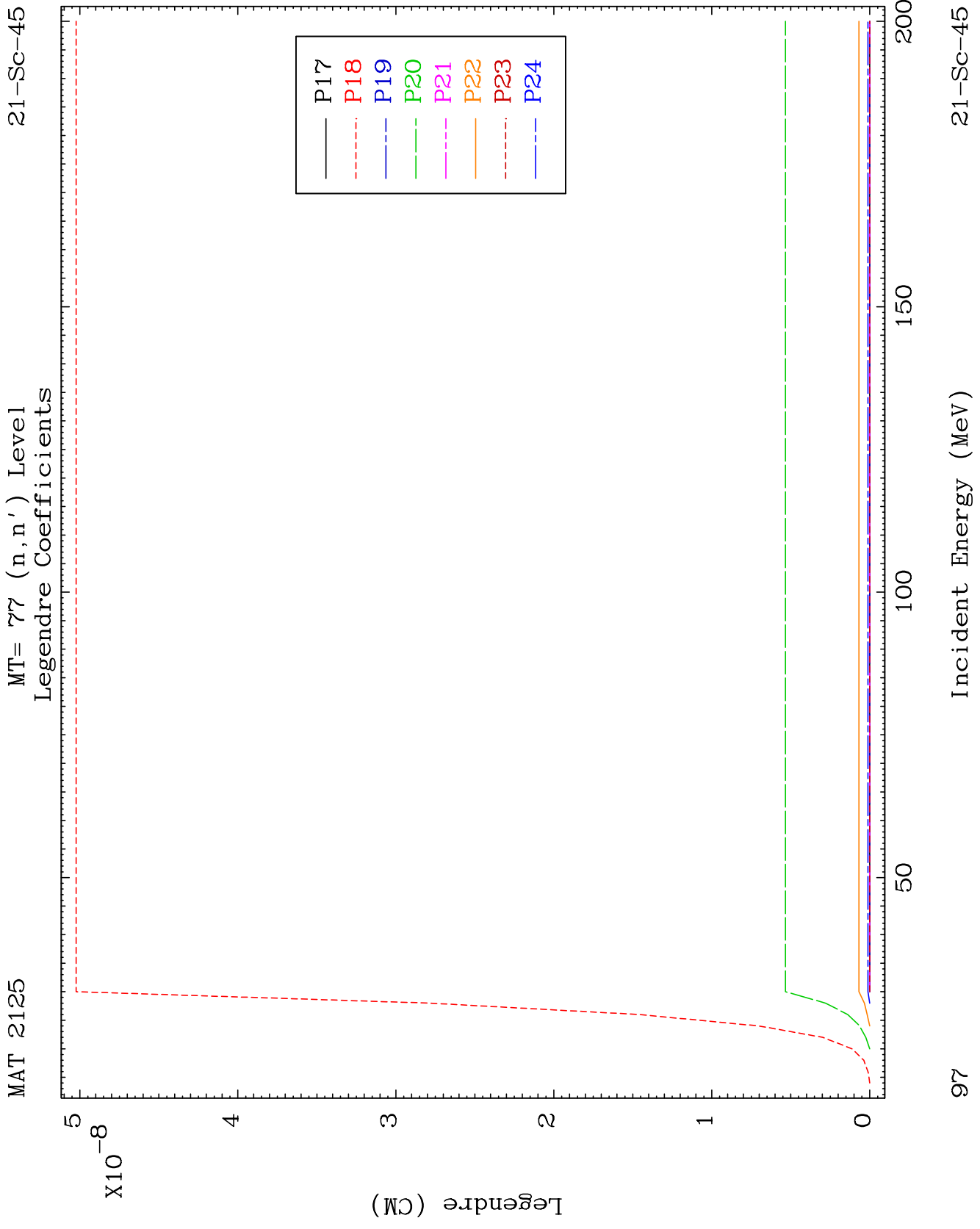
21-Sc-45

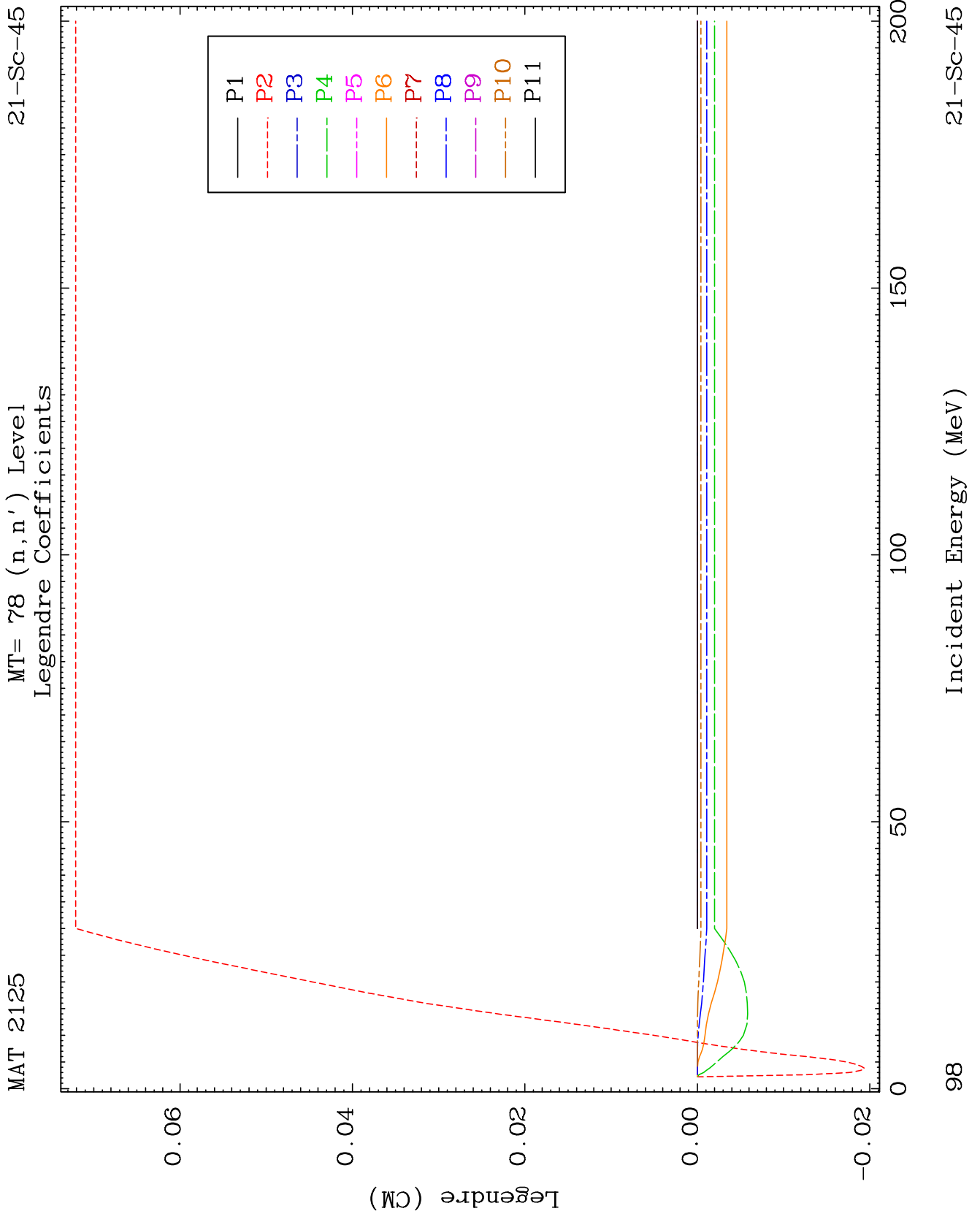


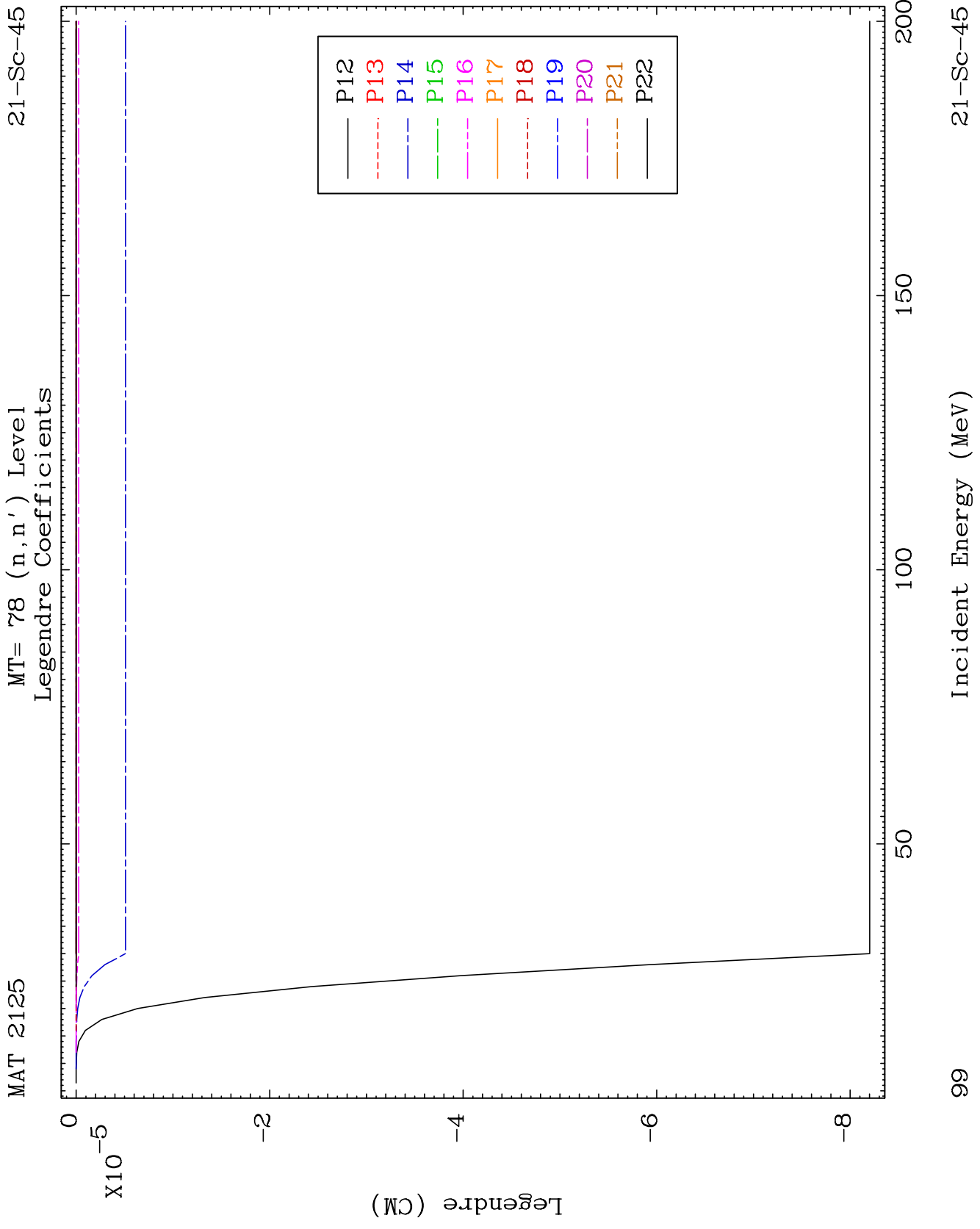
96

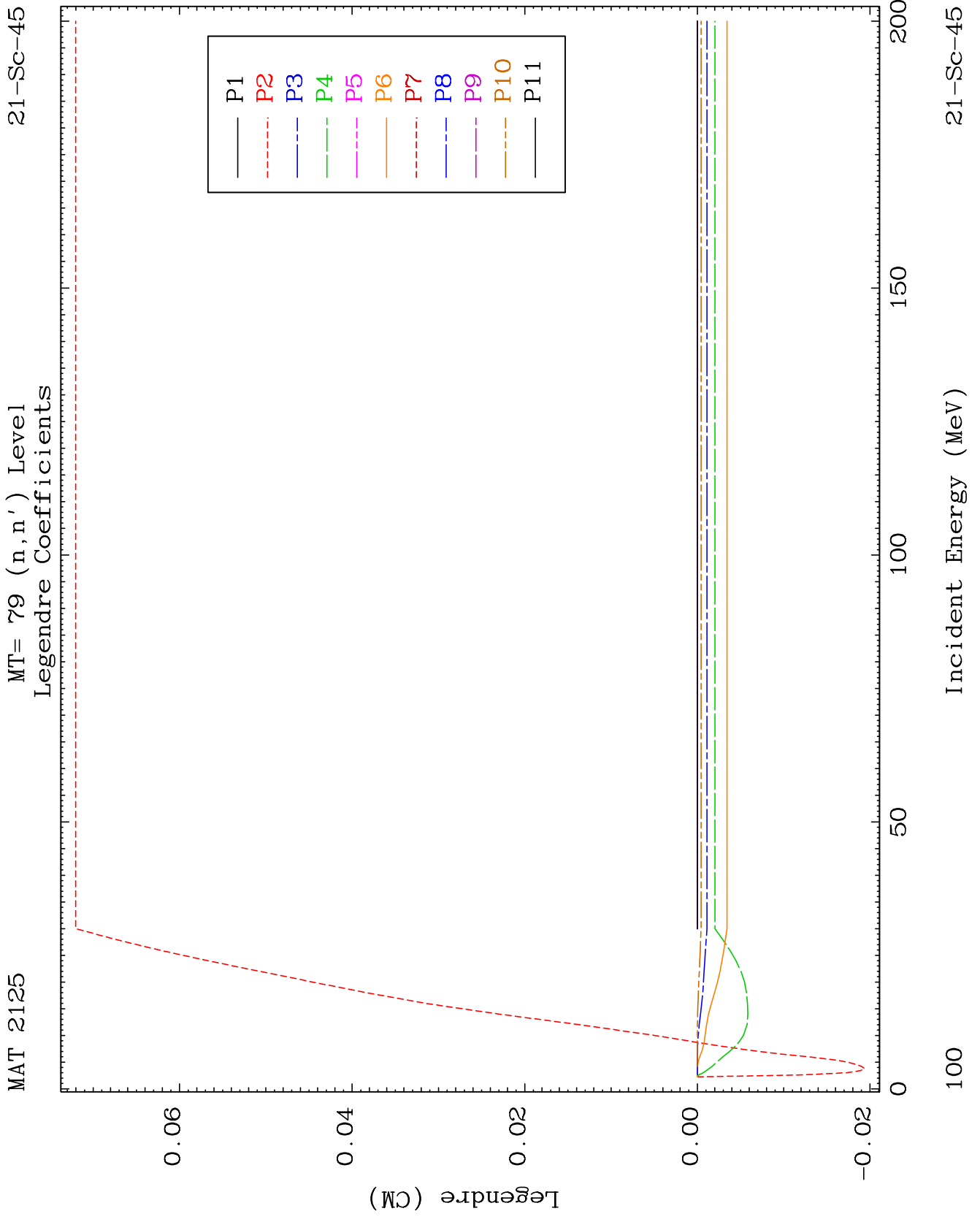
Incident Energy (MeV)

21-Sc-45





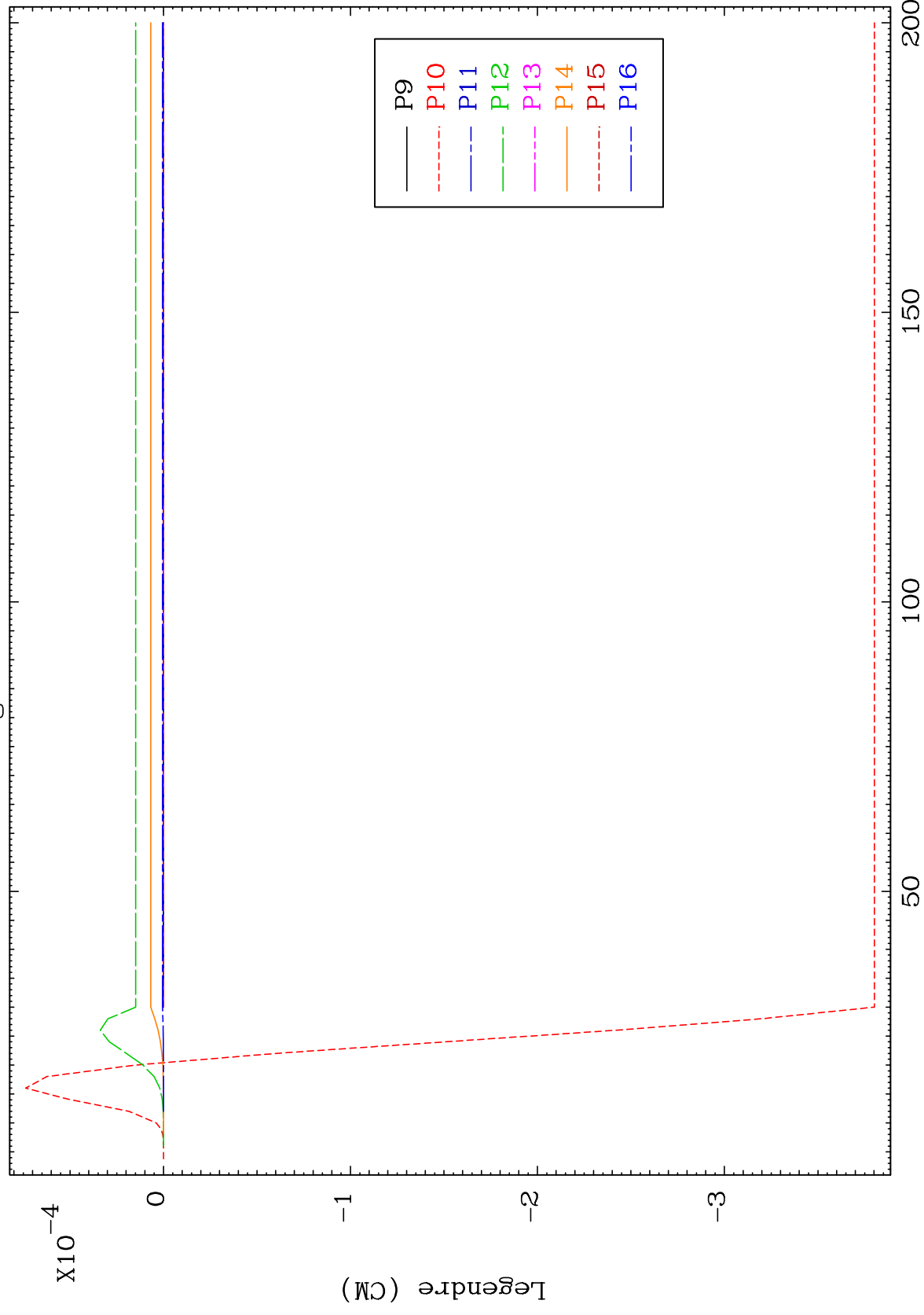




MAT 2125

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

21-Sc-45



103

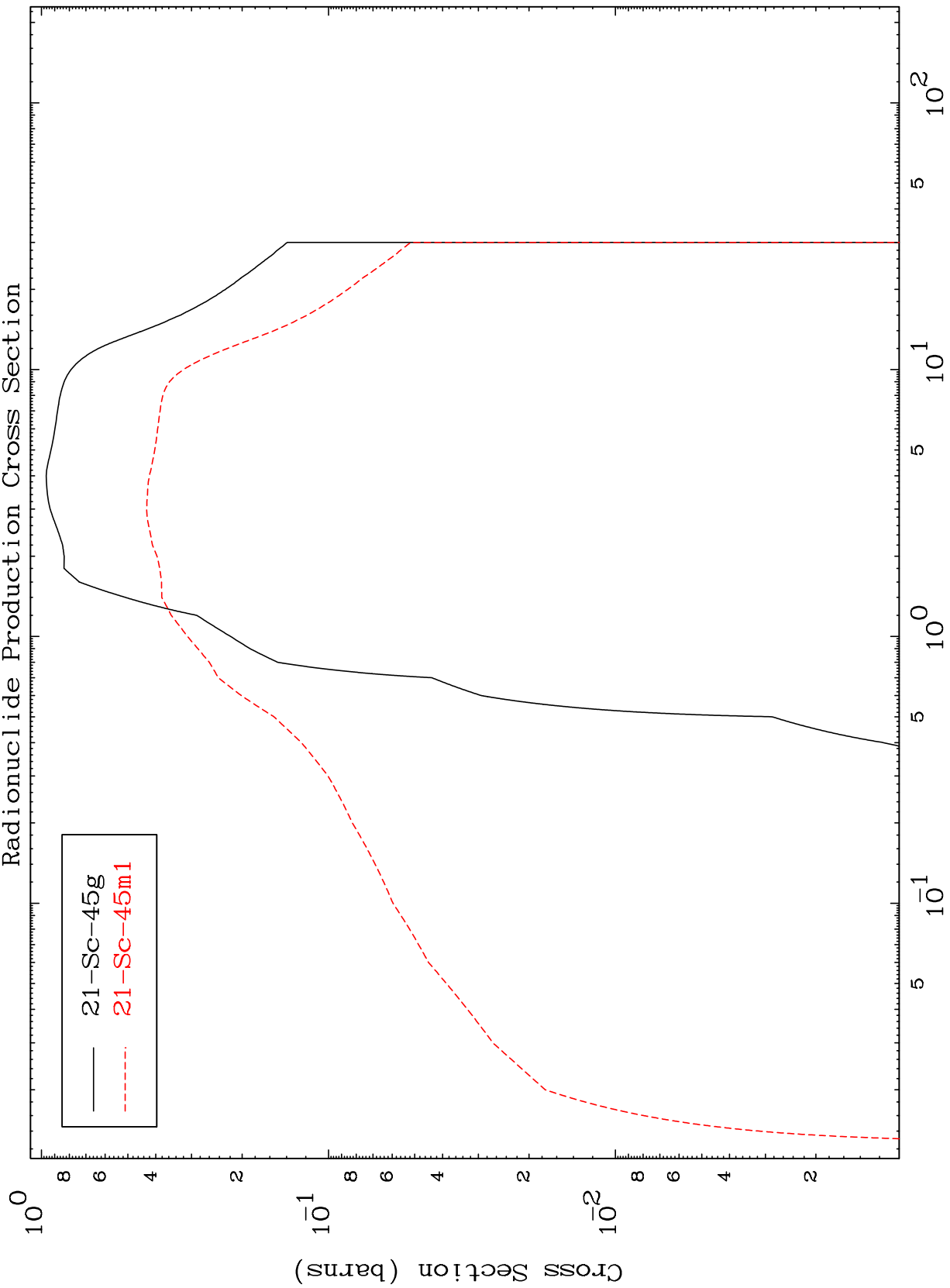
Incident Energy (MeV)

21-Sc-45

MAT 2125

21-Sc-45

Inelastic
Radionuclide Production Cross Section



— 21-Sc-45g
- - - 21-Sc-45m1

105

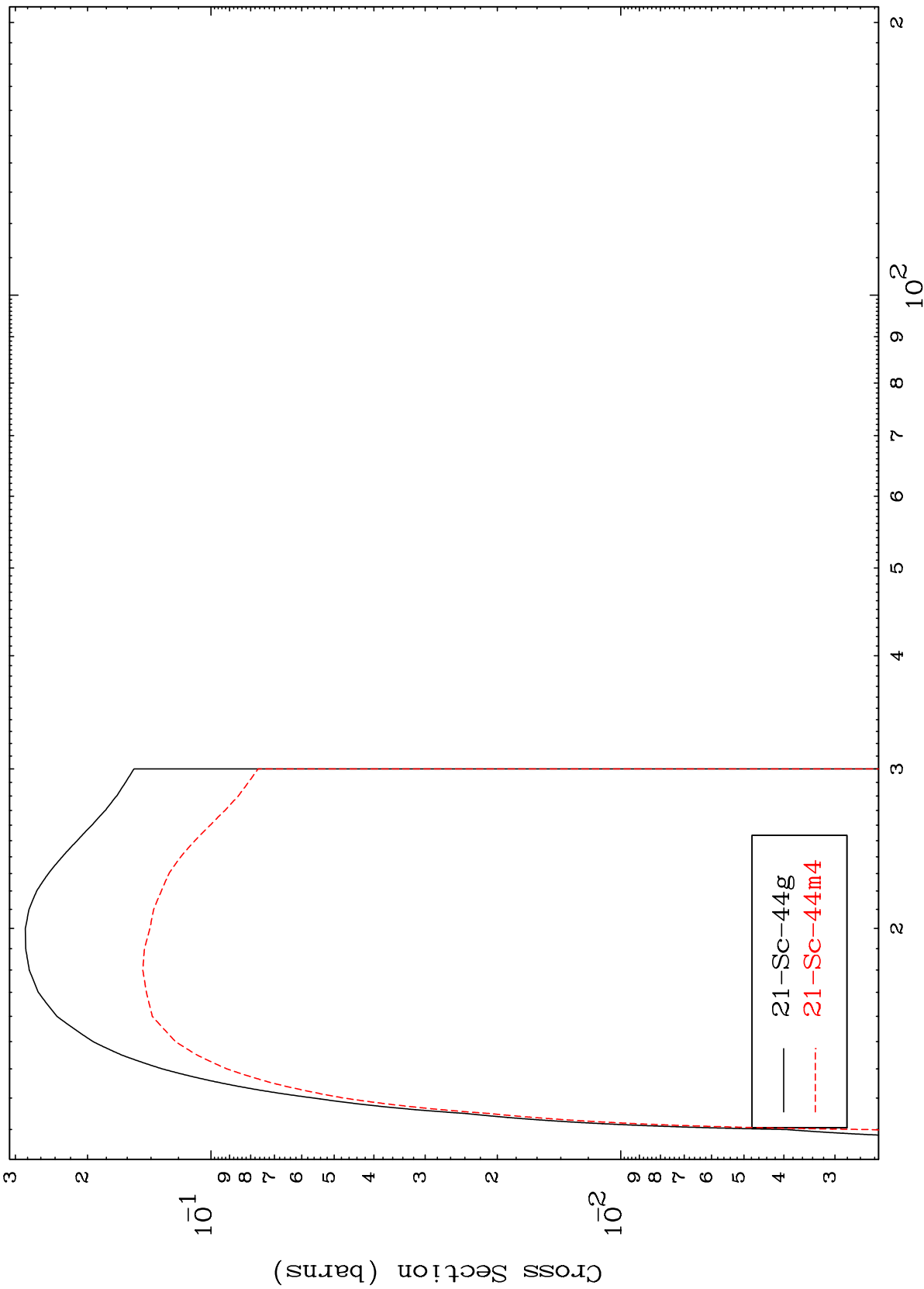
Incident Energy (MeV)

21-Sc-45

MAT 2125

21-Sc-45

(n,2n)
Radionuclide Production Cross Section



106

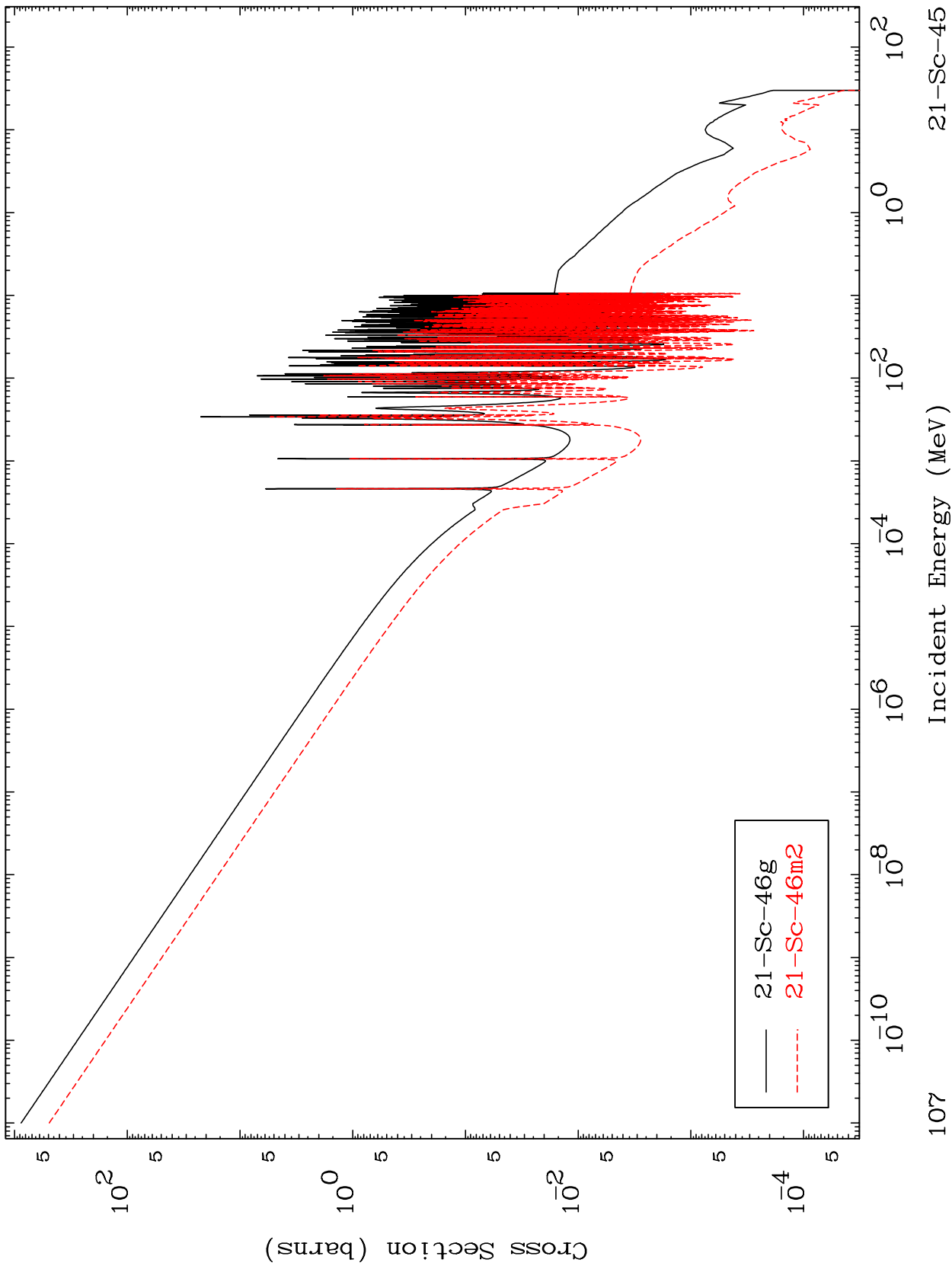
Incident Energy (MeV)

21-Sc-45

MAT 2125

21-Sc-45

(n,γ)
Radionuclide Production Cross Section

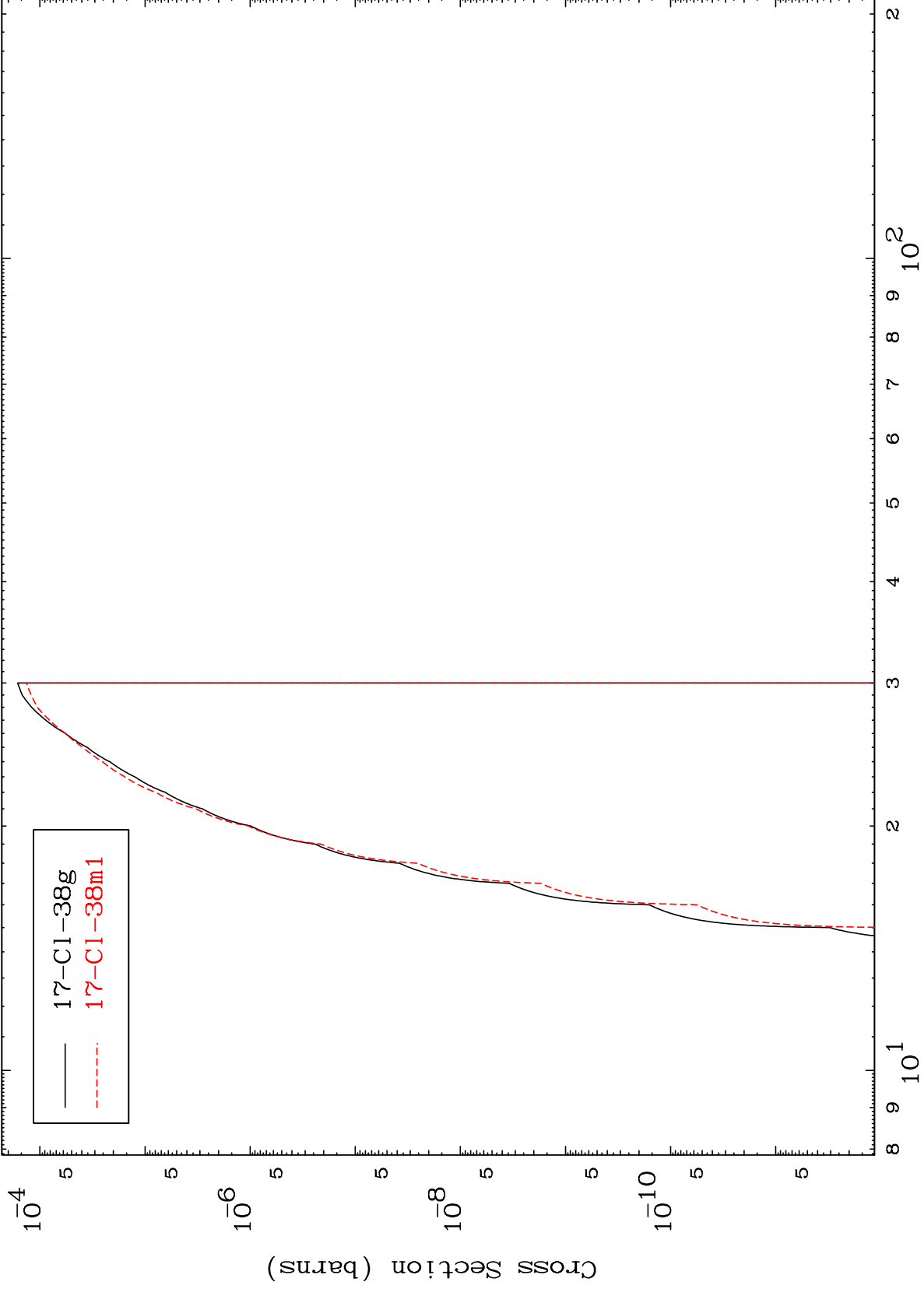


107

MAT 2125

21-Sc-45

(n,2α)
Radionuclide Production Cross Section



— 17-Cl-38g
- - - 17-Cl-38m1

21-Sc-45

Incident Energy (MeV)

108