

Program EVALPLOT
(Version 2015-2)

by

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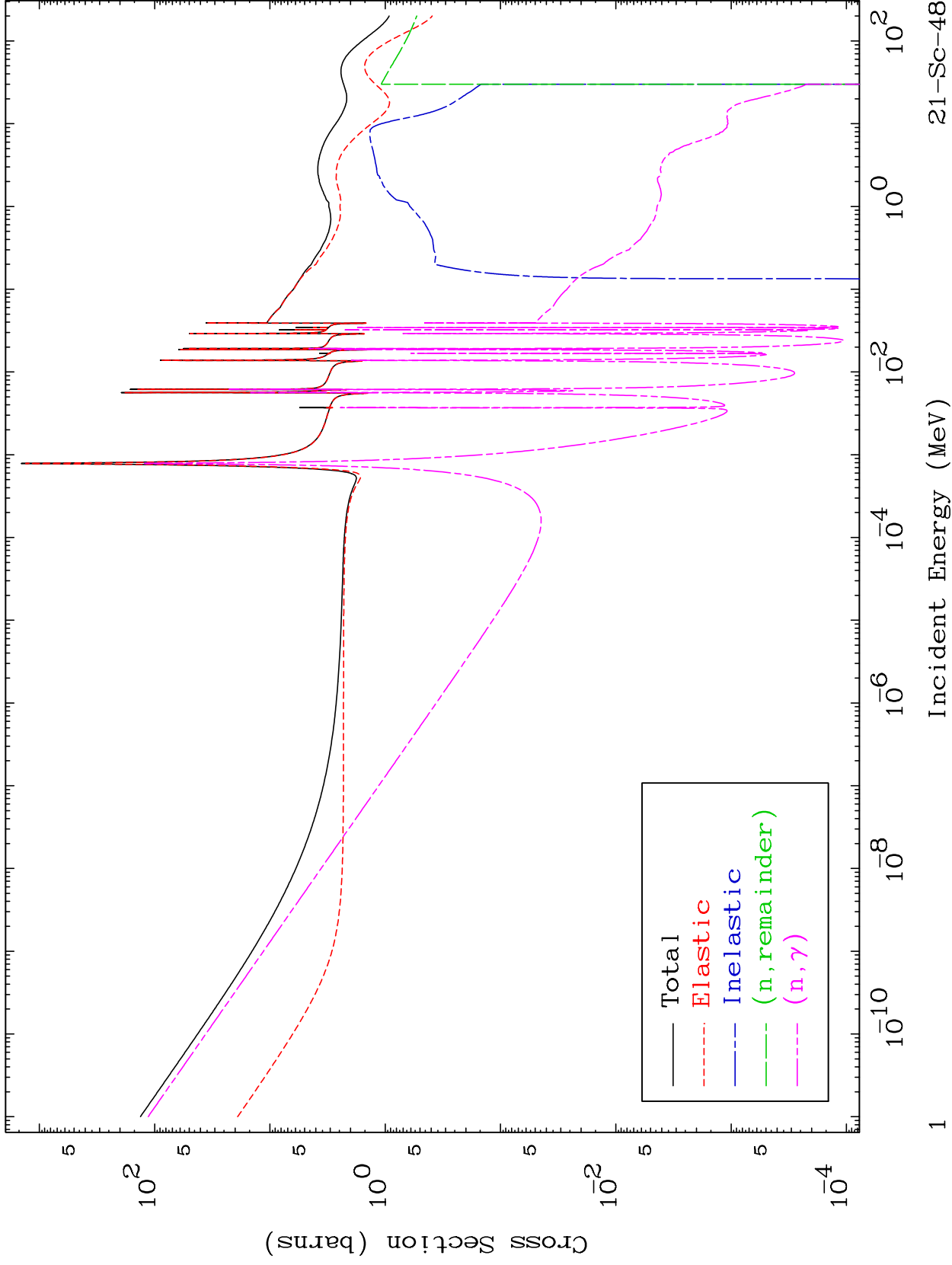
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2134

Major
293 Kelvin Cross Sections

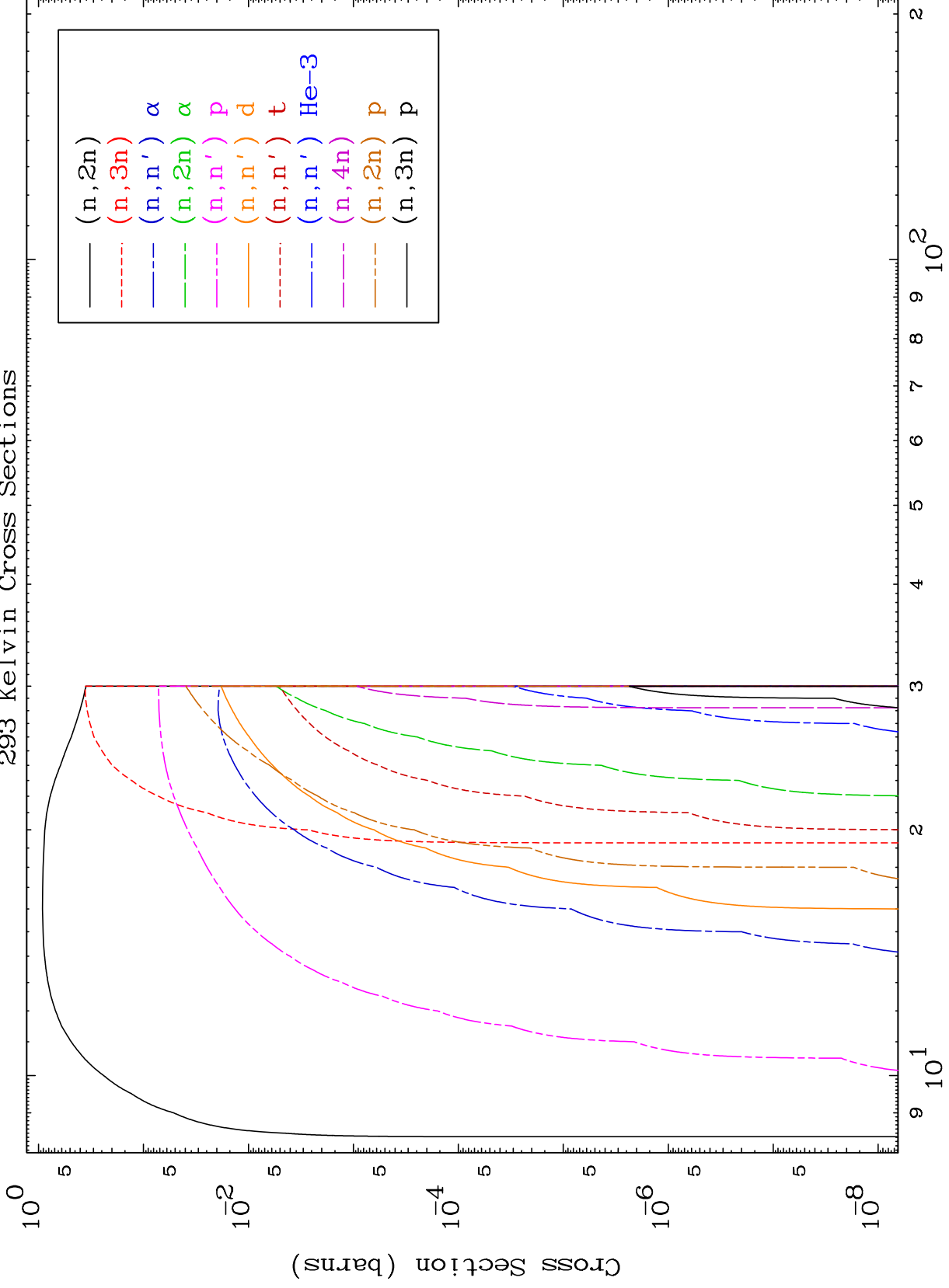
21-Sc-48



MAT 2134

Neutron Production
293 Kelvin Cross Sections

21-Sc-48



2

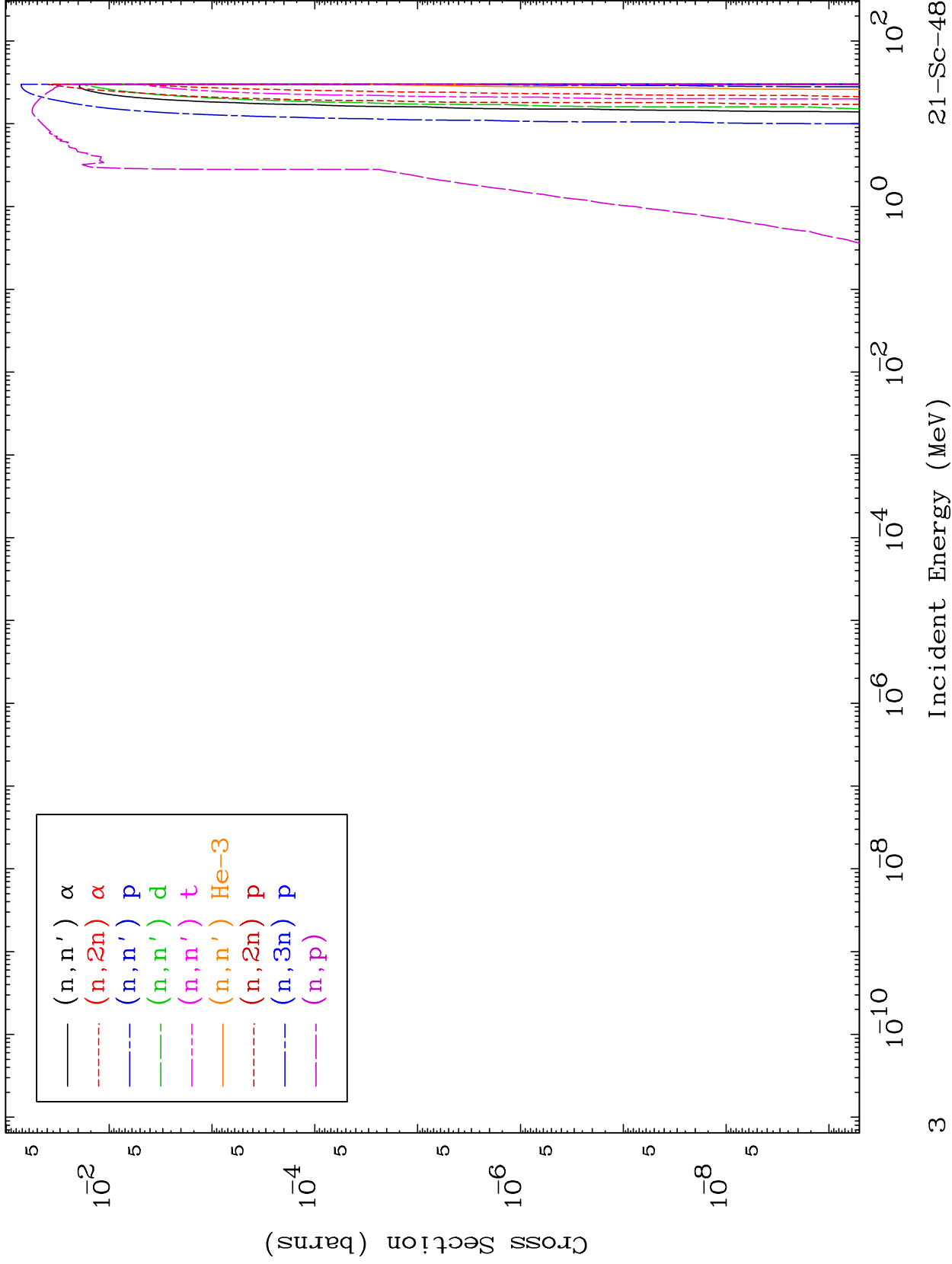
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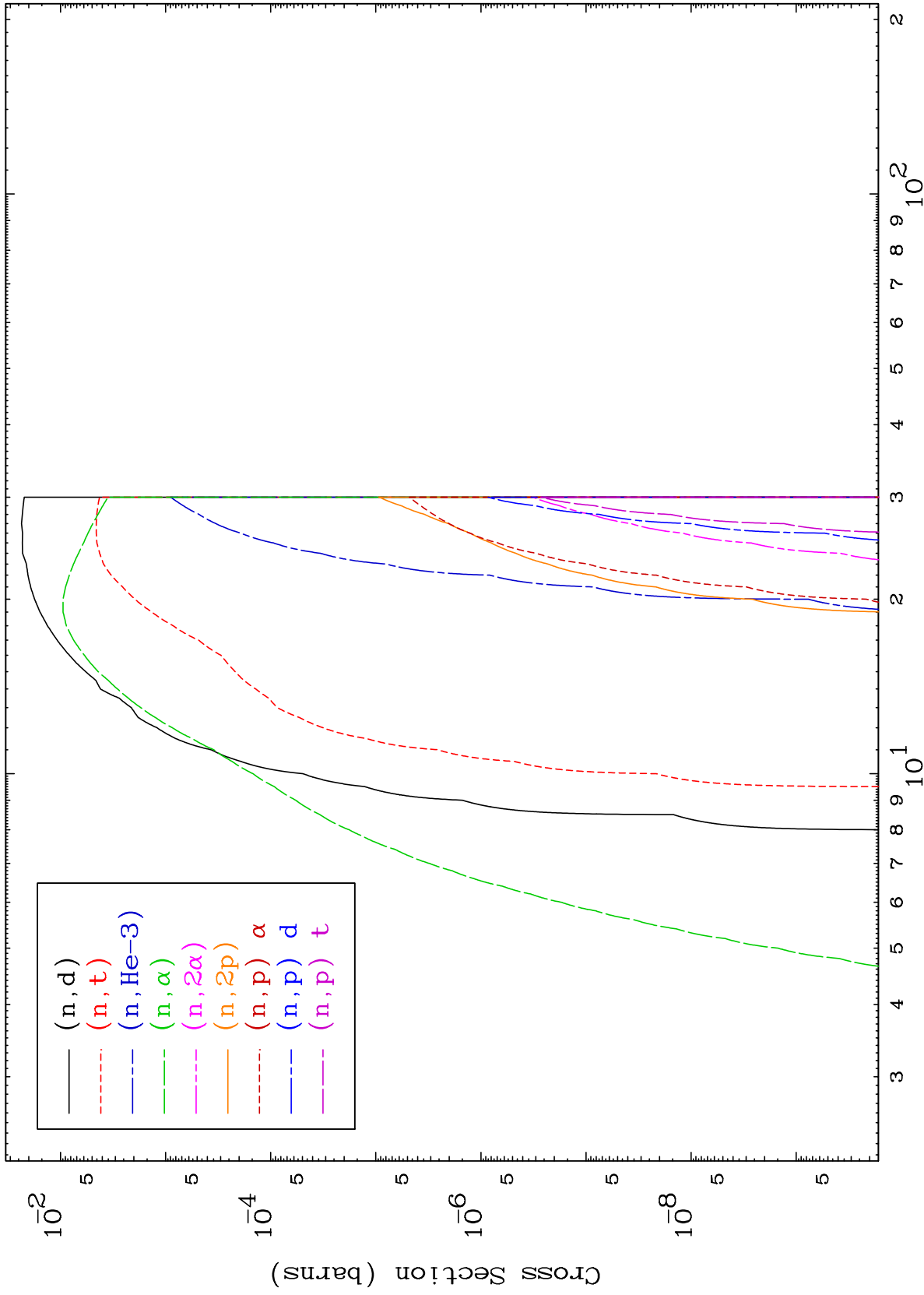
21-Sc-48

MAT 2134

Charged Particle
293 Kelvin Cross Sections

21-Sc-48

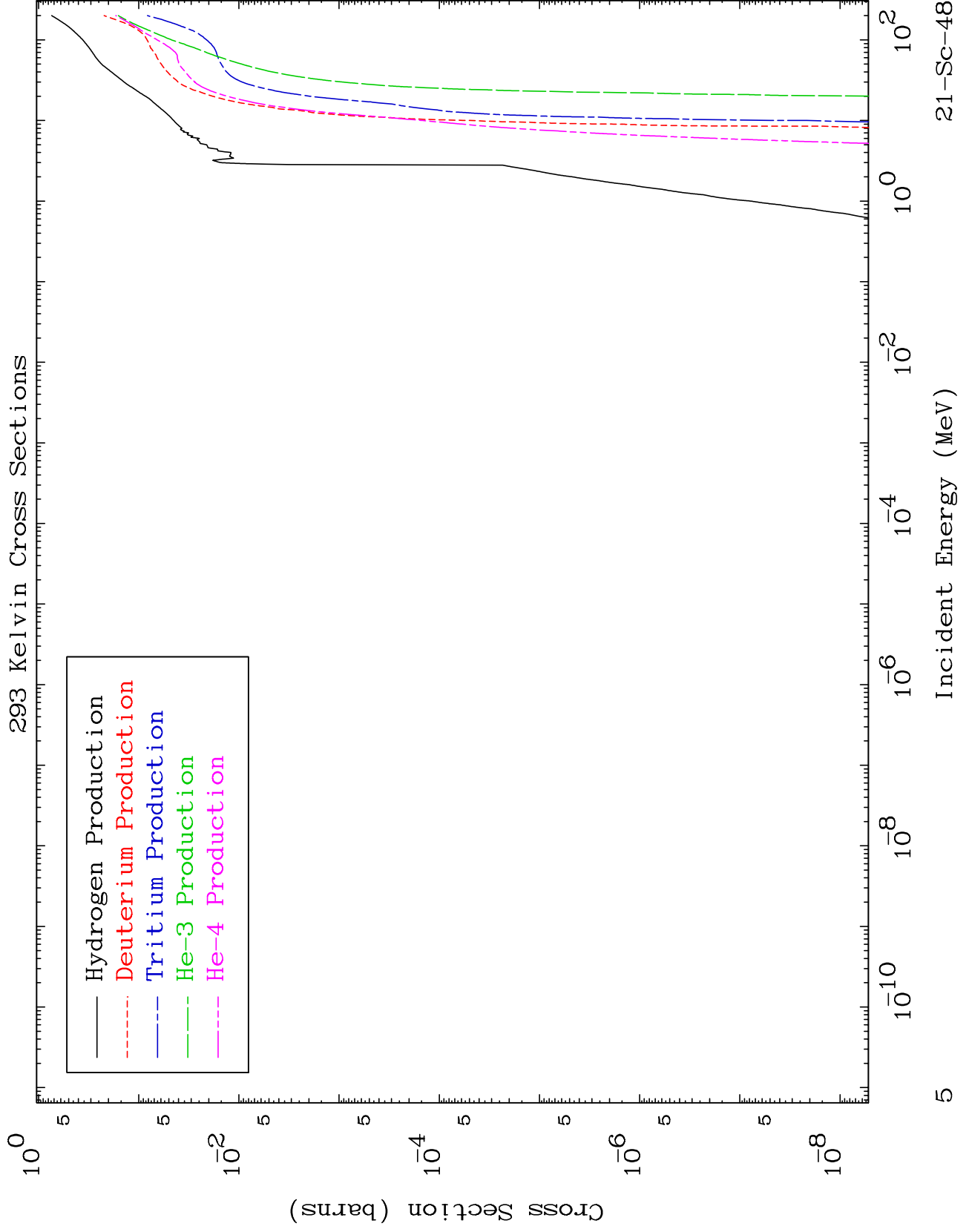




MAT 2134

Particle Production
293 Kelvin Cross Sections

21-Sc-48

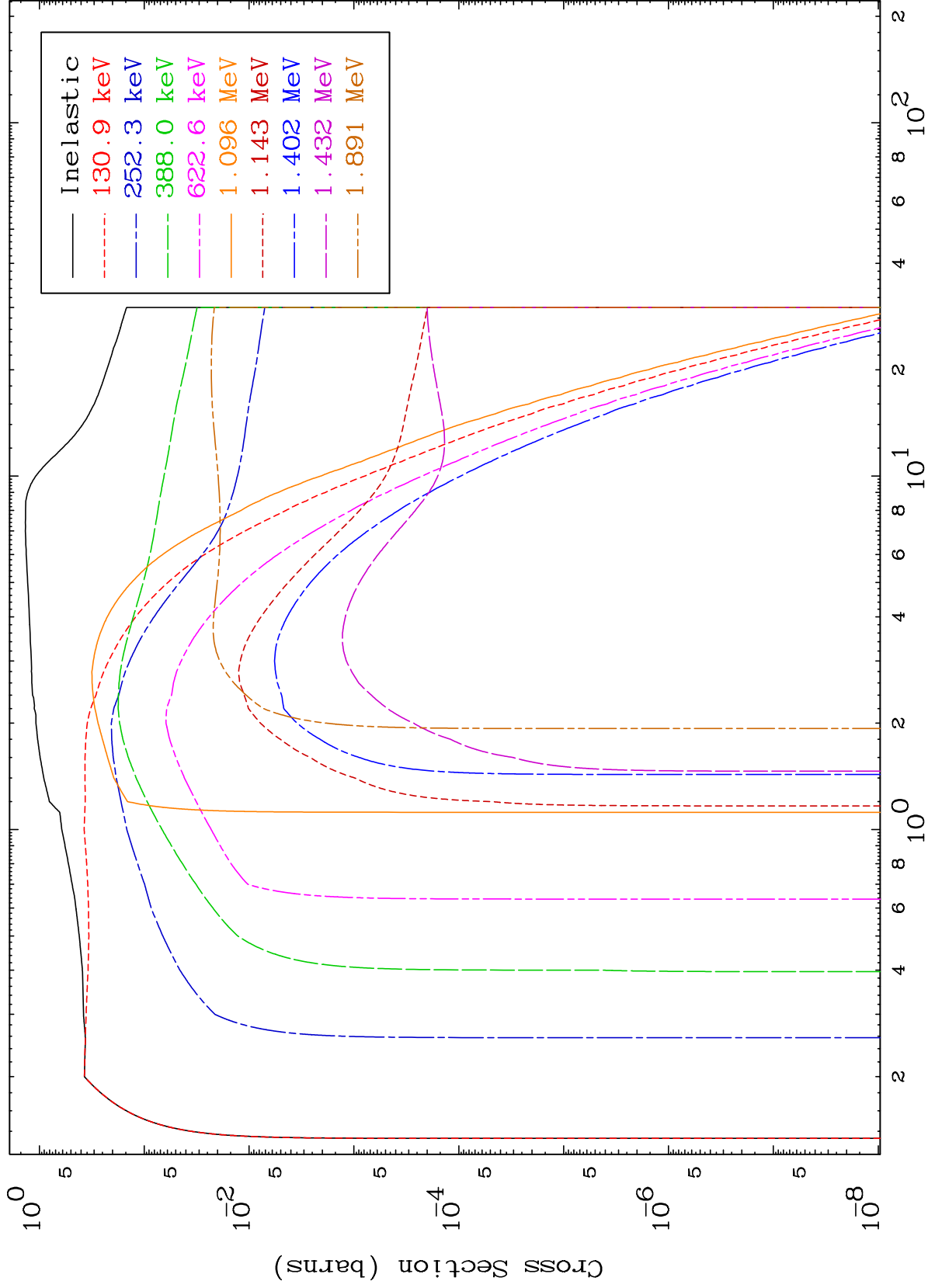


MAT 2134

(n,n') Level

21-Sc-48

293 Kelvin Cross Sections



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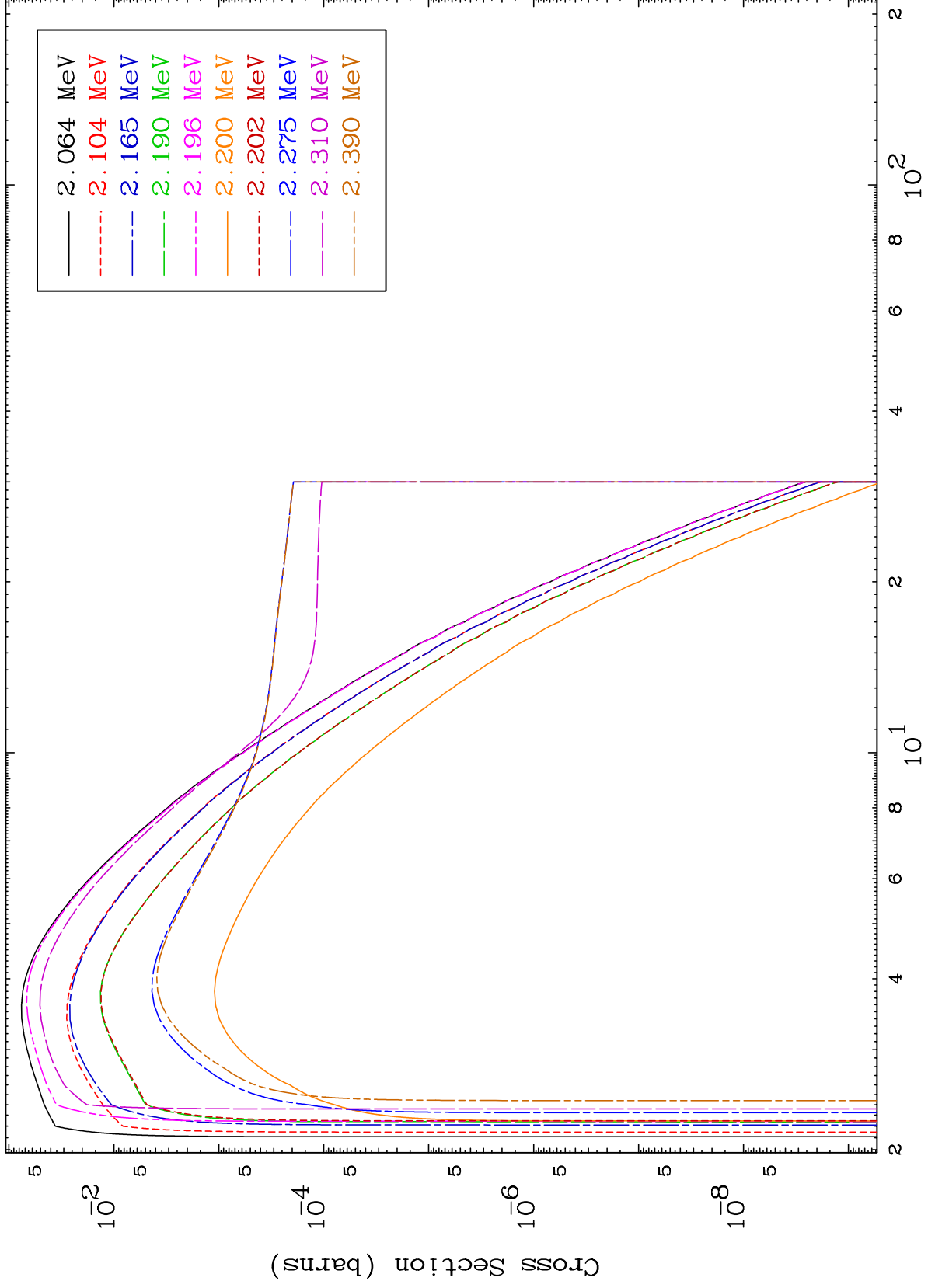
Incident Energy (MeV)

21-Sc-48

MAT 2134

(n,n') Level
293 Kelvin Cross Sections

21-Sc-48



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Incident Energy (MeV)

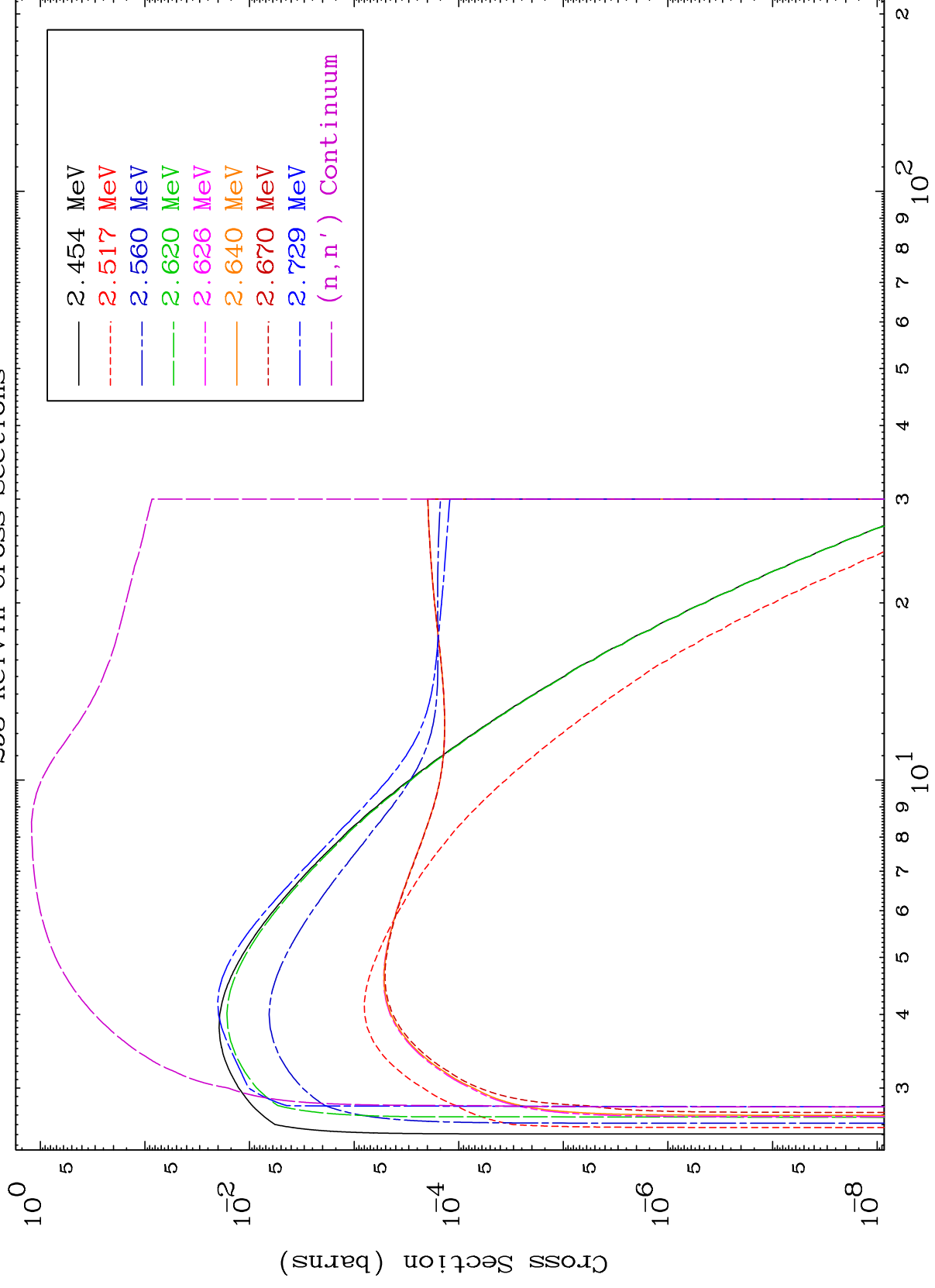
21-Sc-48

MAT 2134

(n,n') Level

21-Sc-48

293 Kelvin Cross Sections



8

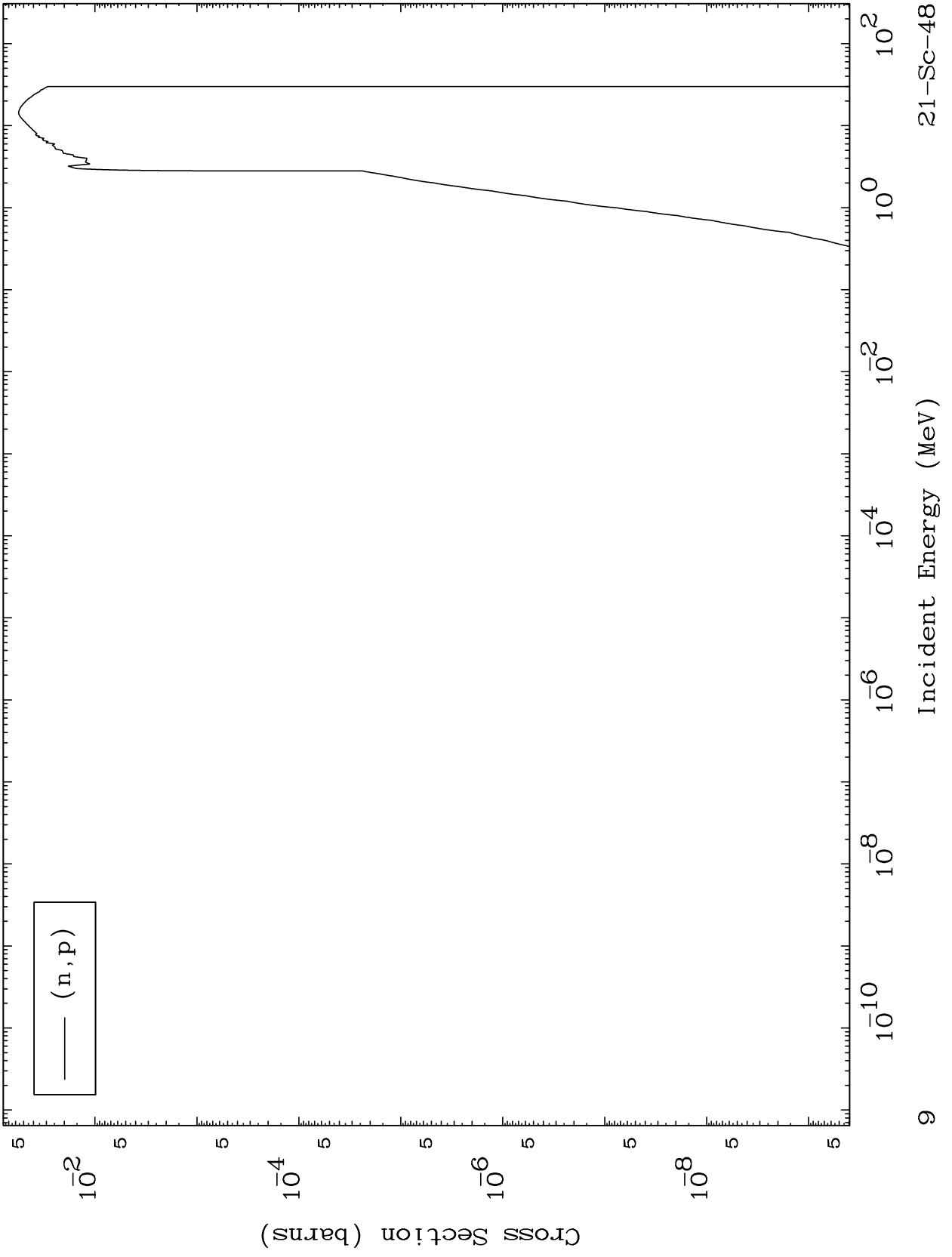
Incident Energy (MeV)

21-Sc-48

MAT 2134

(n,p) Levels
293 Kelvin Cross Sections

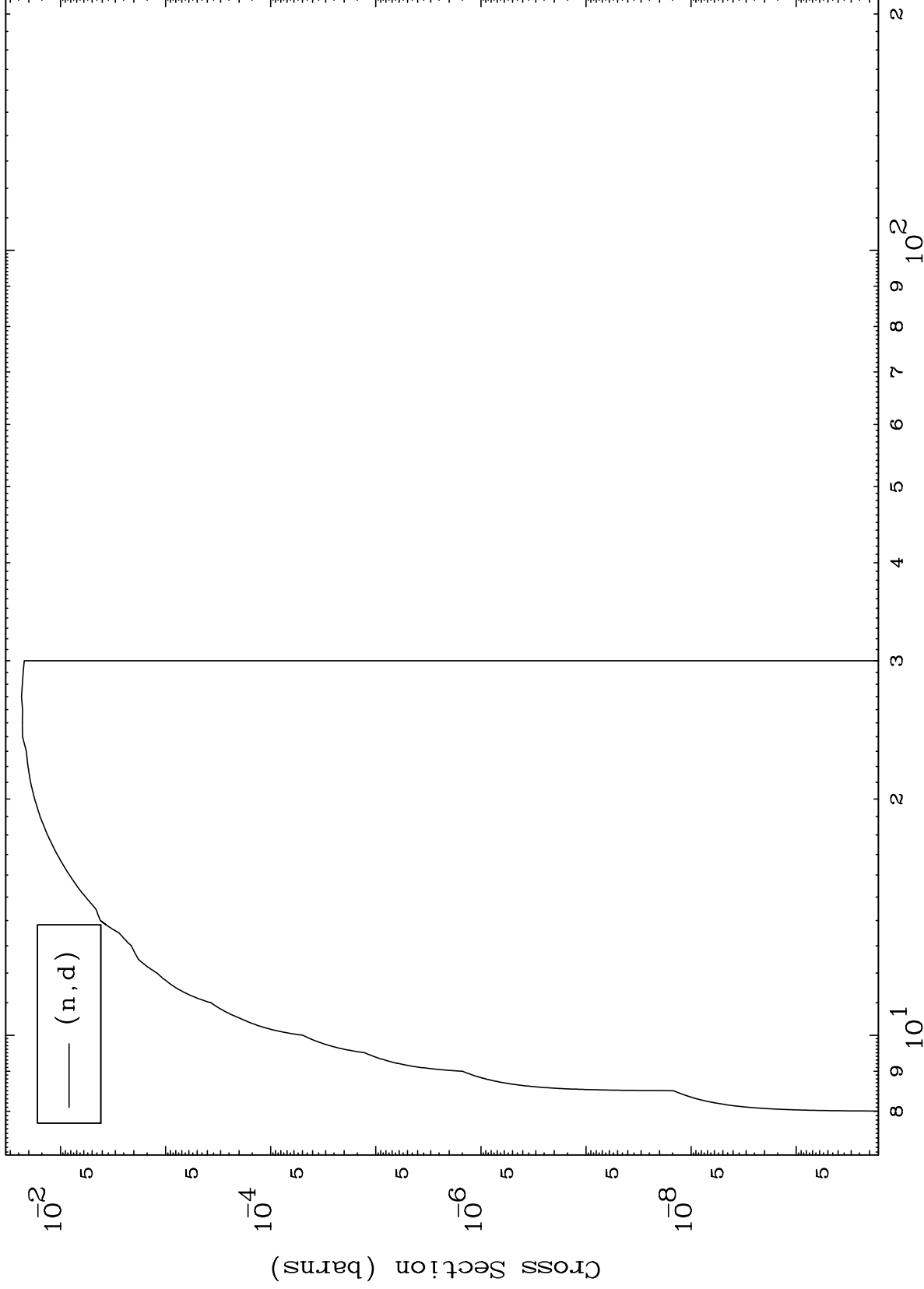
21-Sc-48



MAT 2134

(n,d) Levels
293 Kelvin Cross Sections

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10

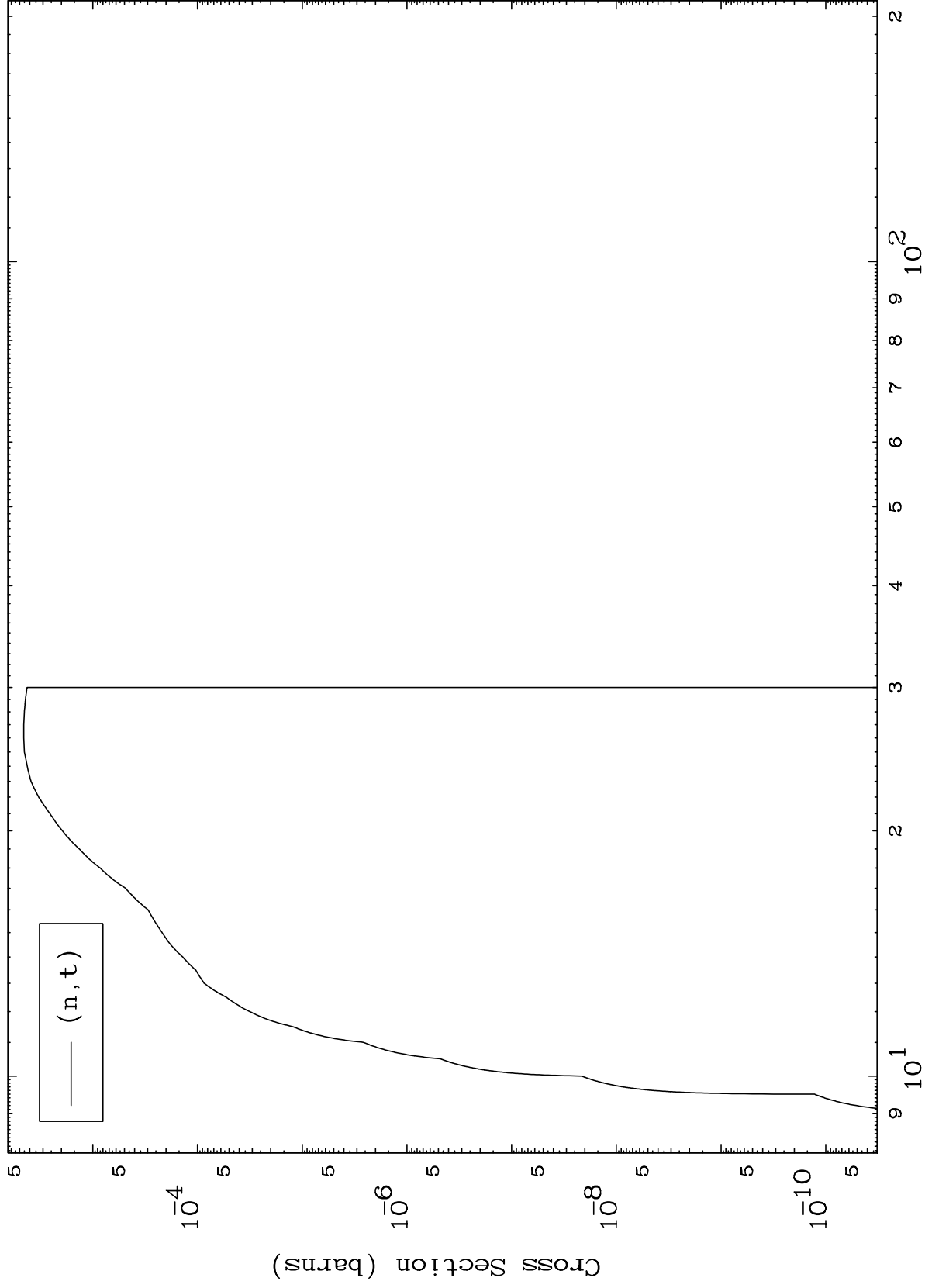
Incident Energy (MeV)

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MAT 2134

(n,t) Levels
293 Kelvin Cross Sections

21-Sc-48



11

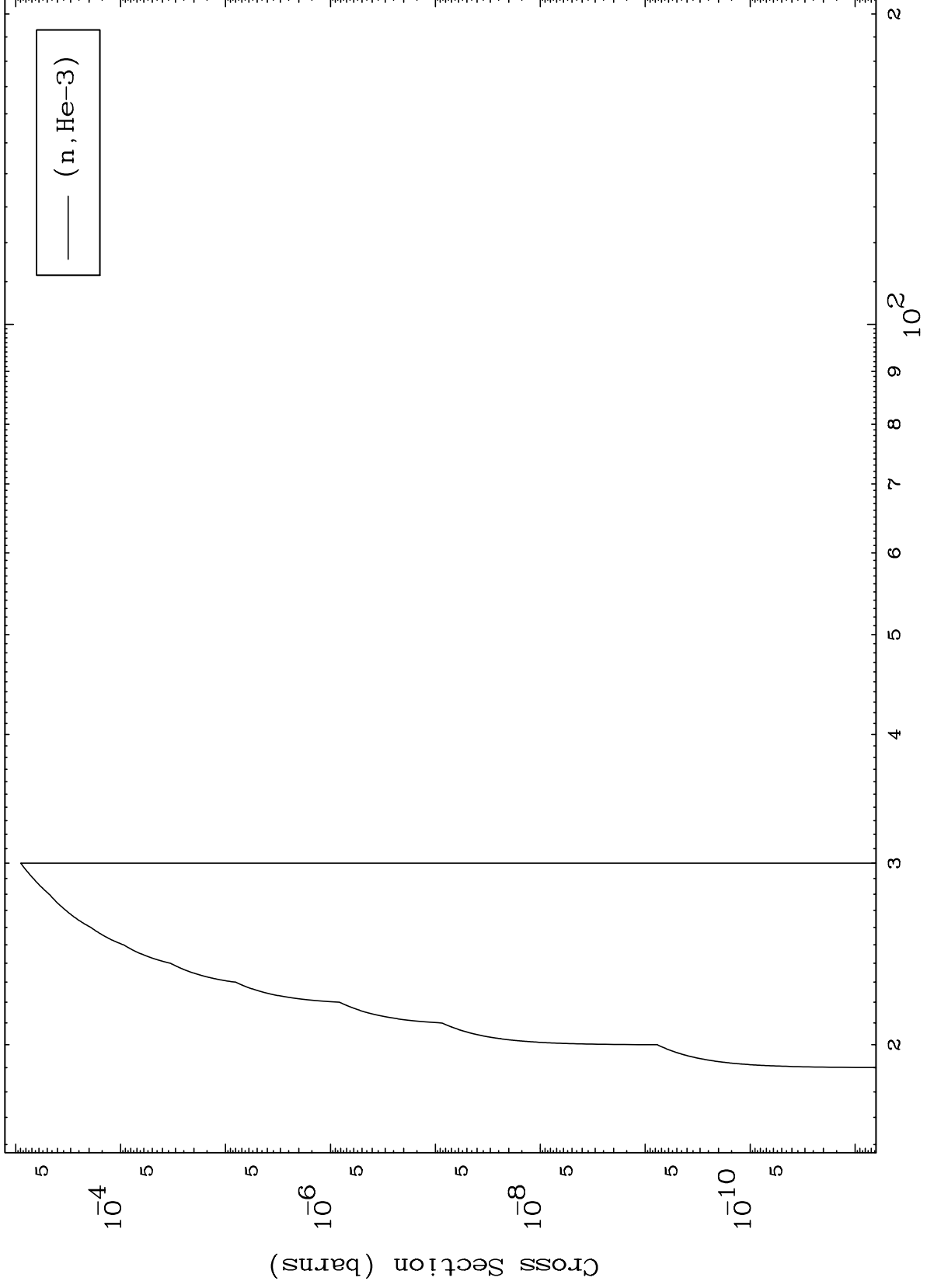
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21-Sc-48

MAT 2134

(n,He3) Levels
293 Kelvin Cross Sections

21-Sc-48



12

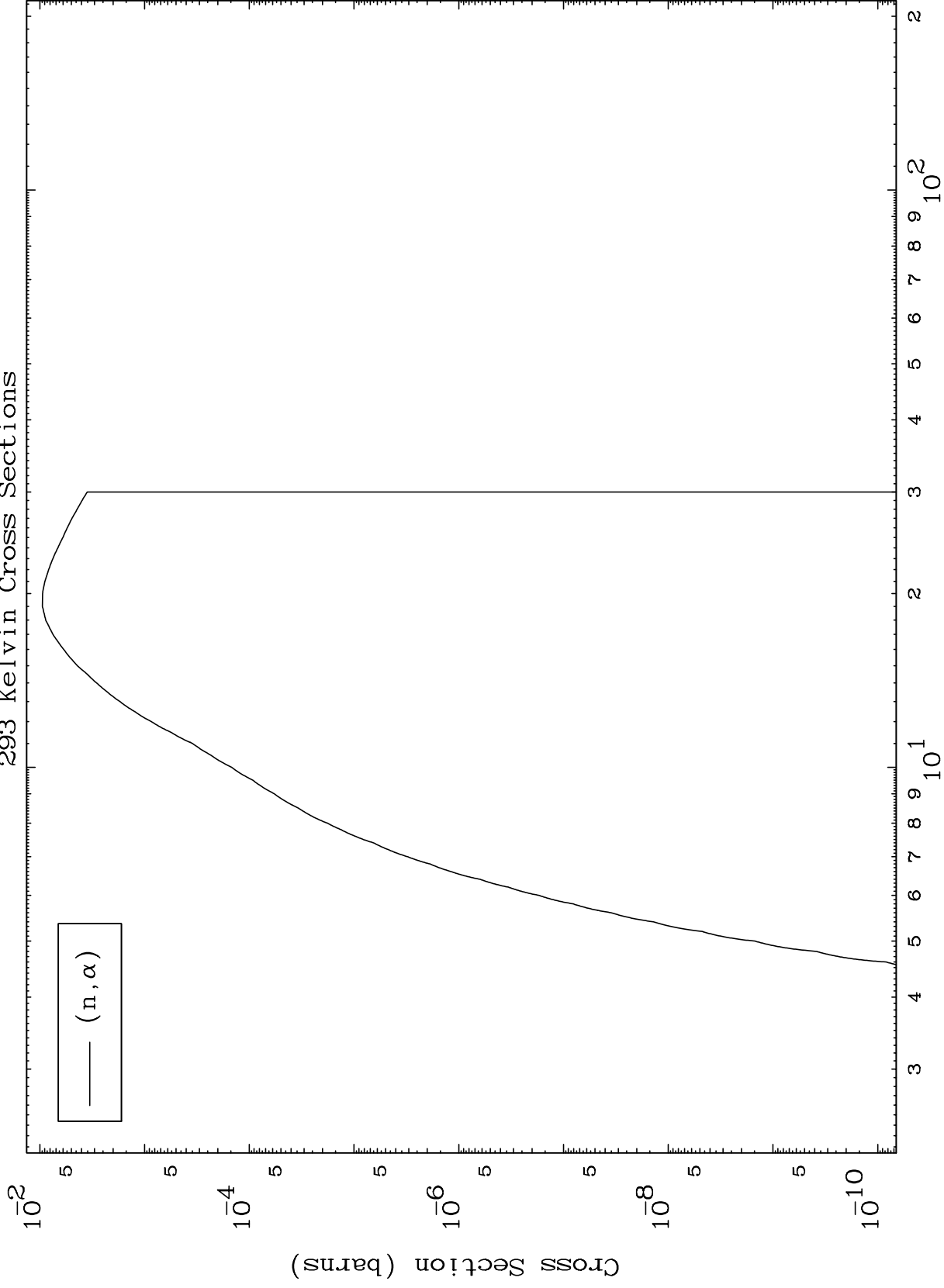
Incident Energy (MeV)

21-Sc-48

MAT 2134

(n, α) Levels
293 Kelvin Cross Sections

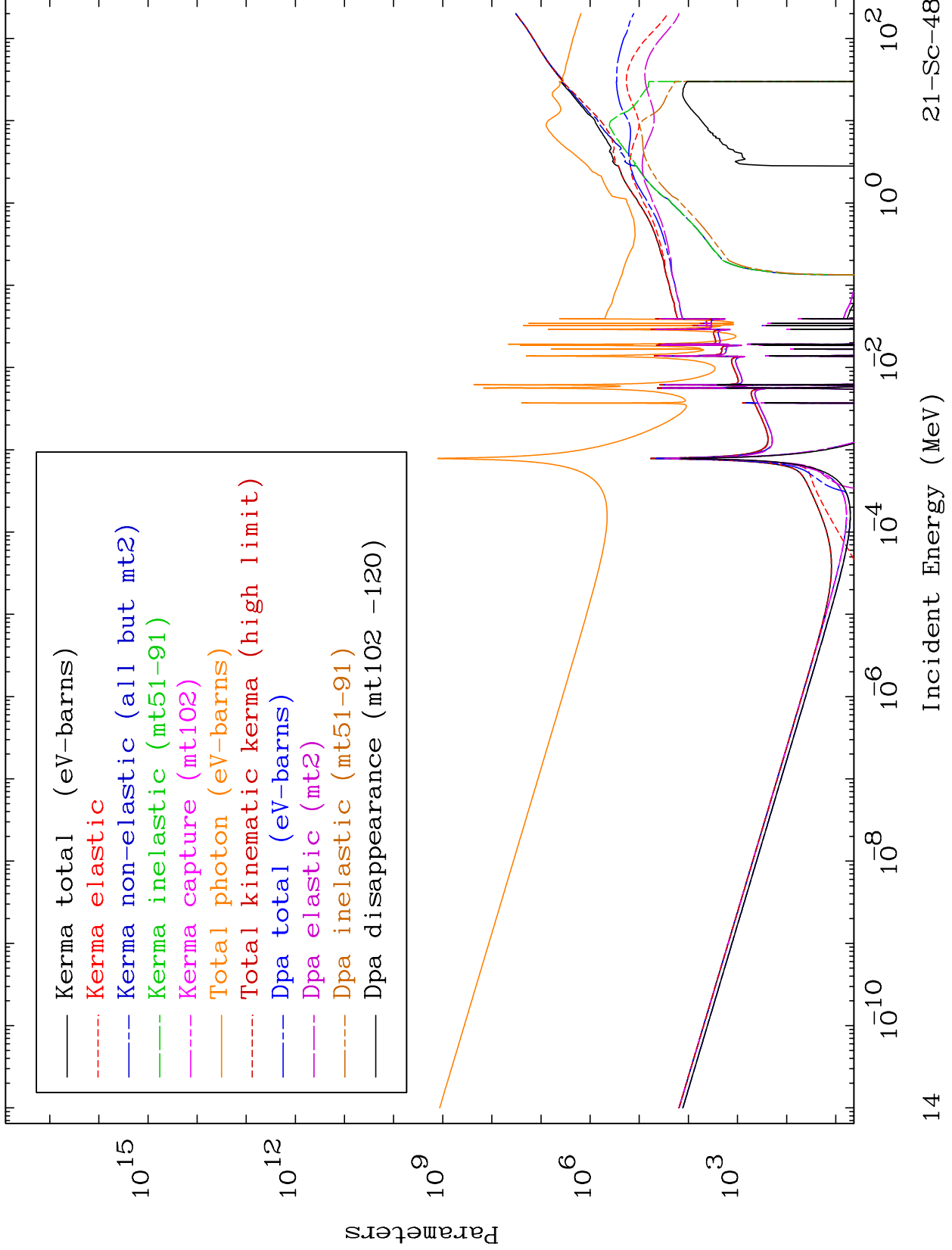
21-Sc-48



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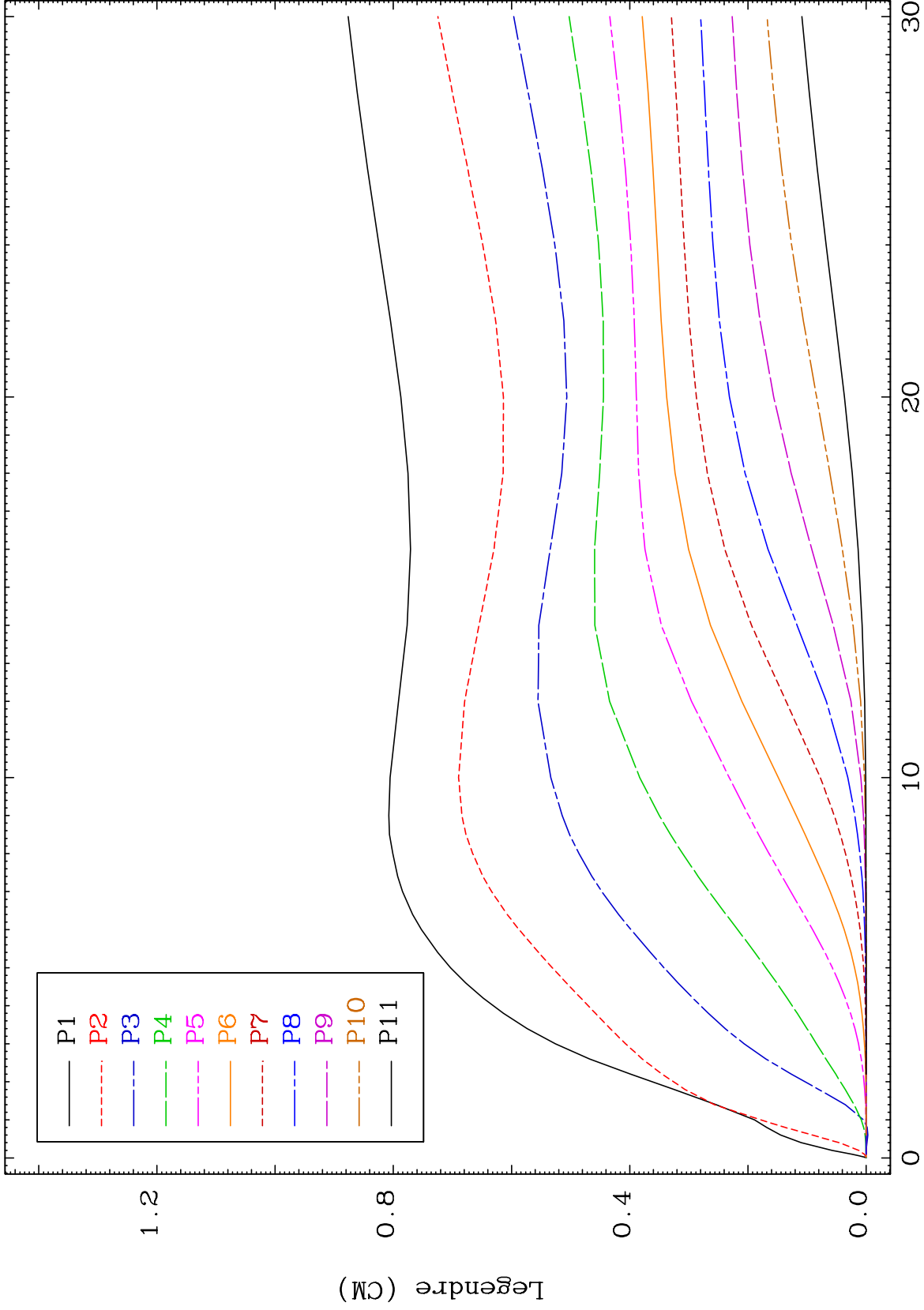
21-Sc-48



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Elastic Legendre Coefficients

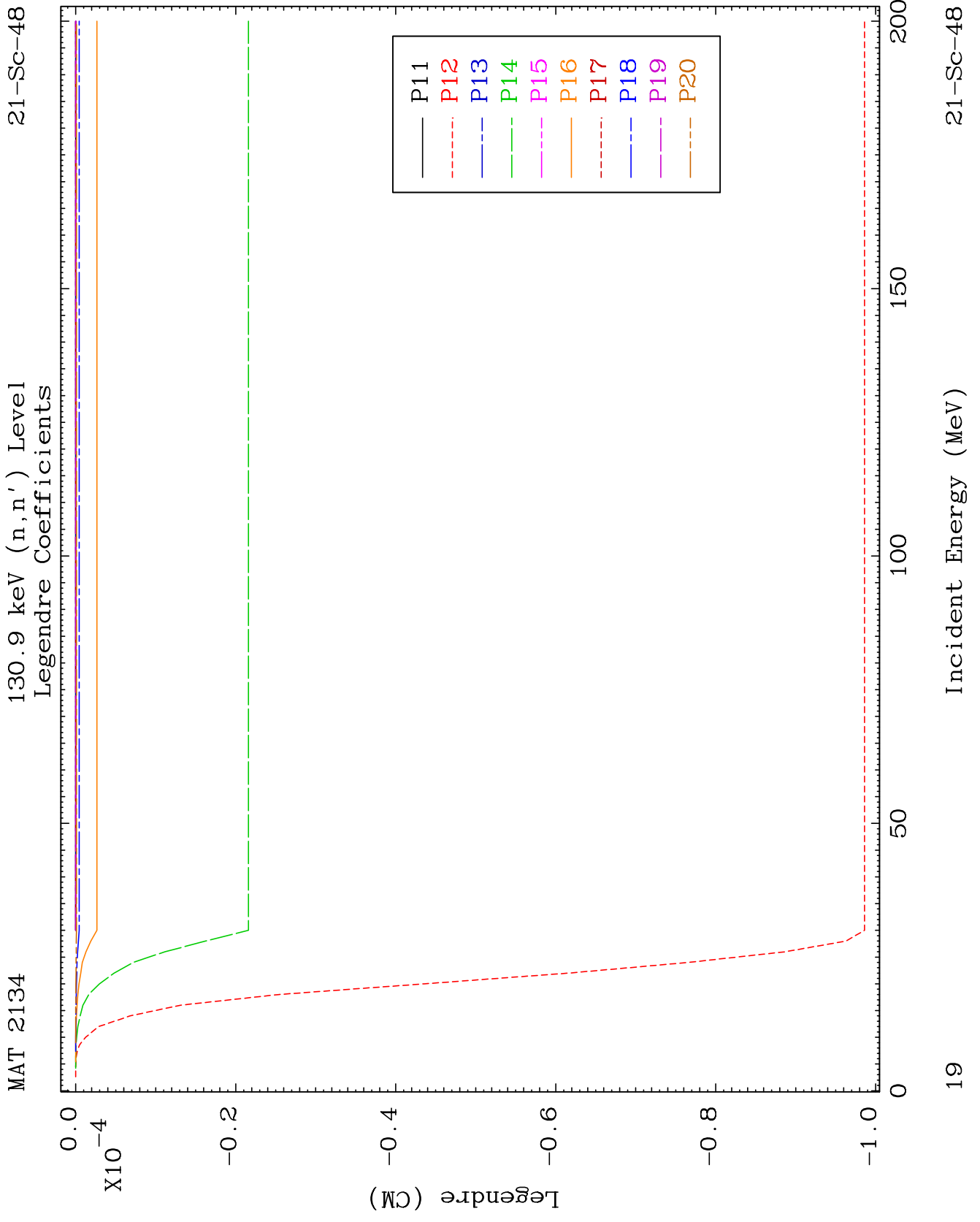
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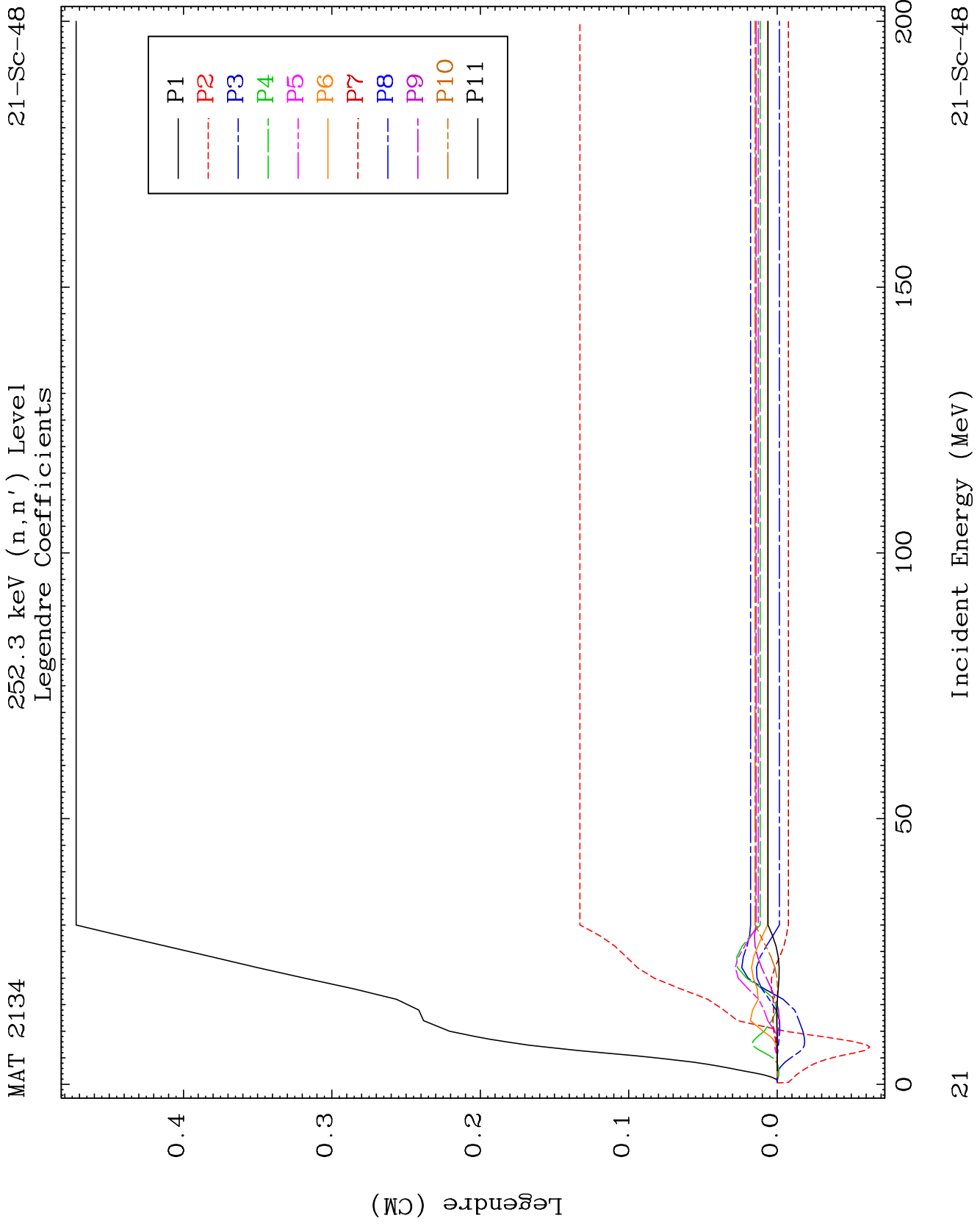


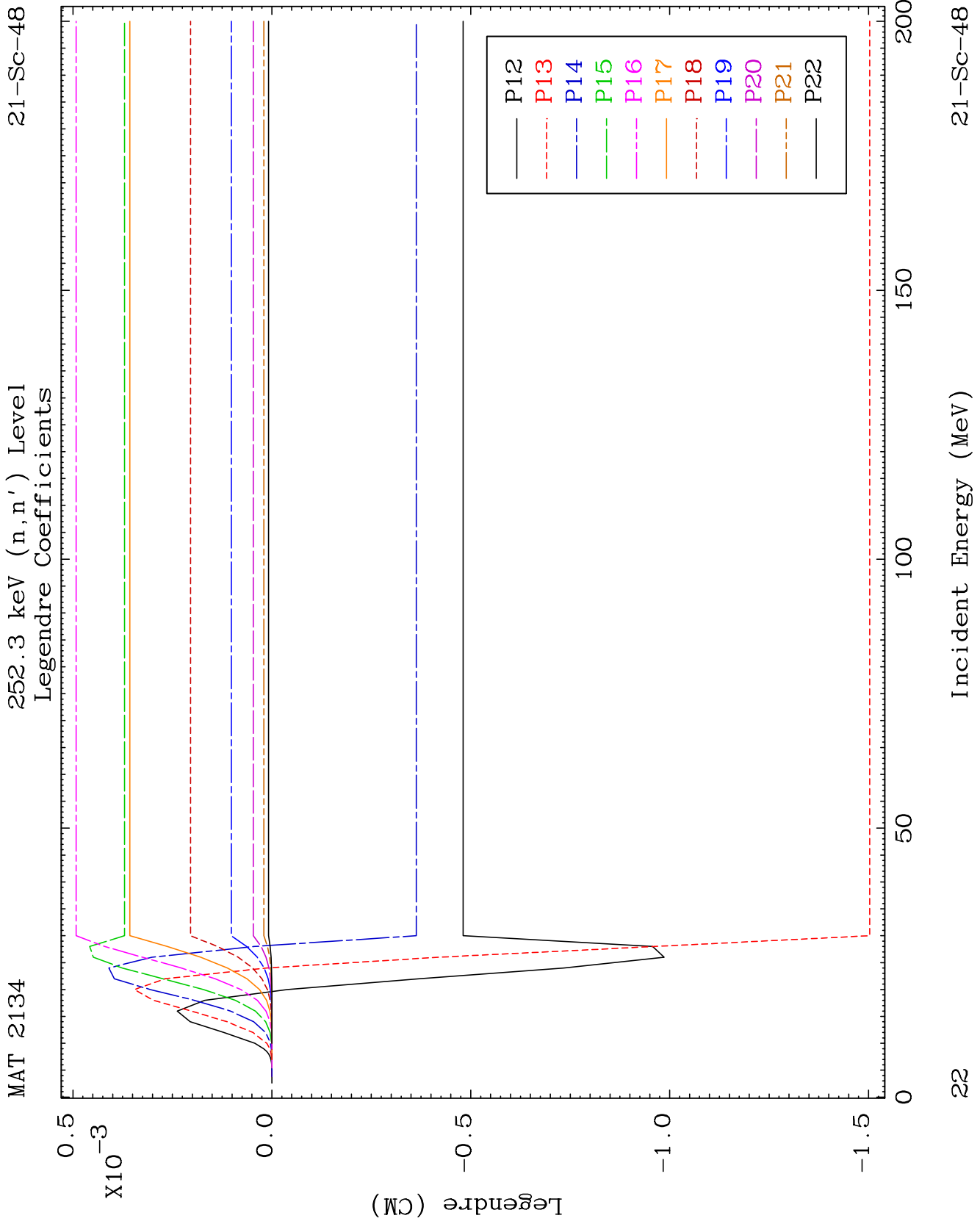
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Incident Energy (MeV)

21-Sc-48



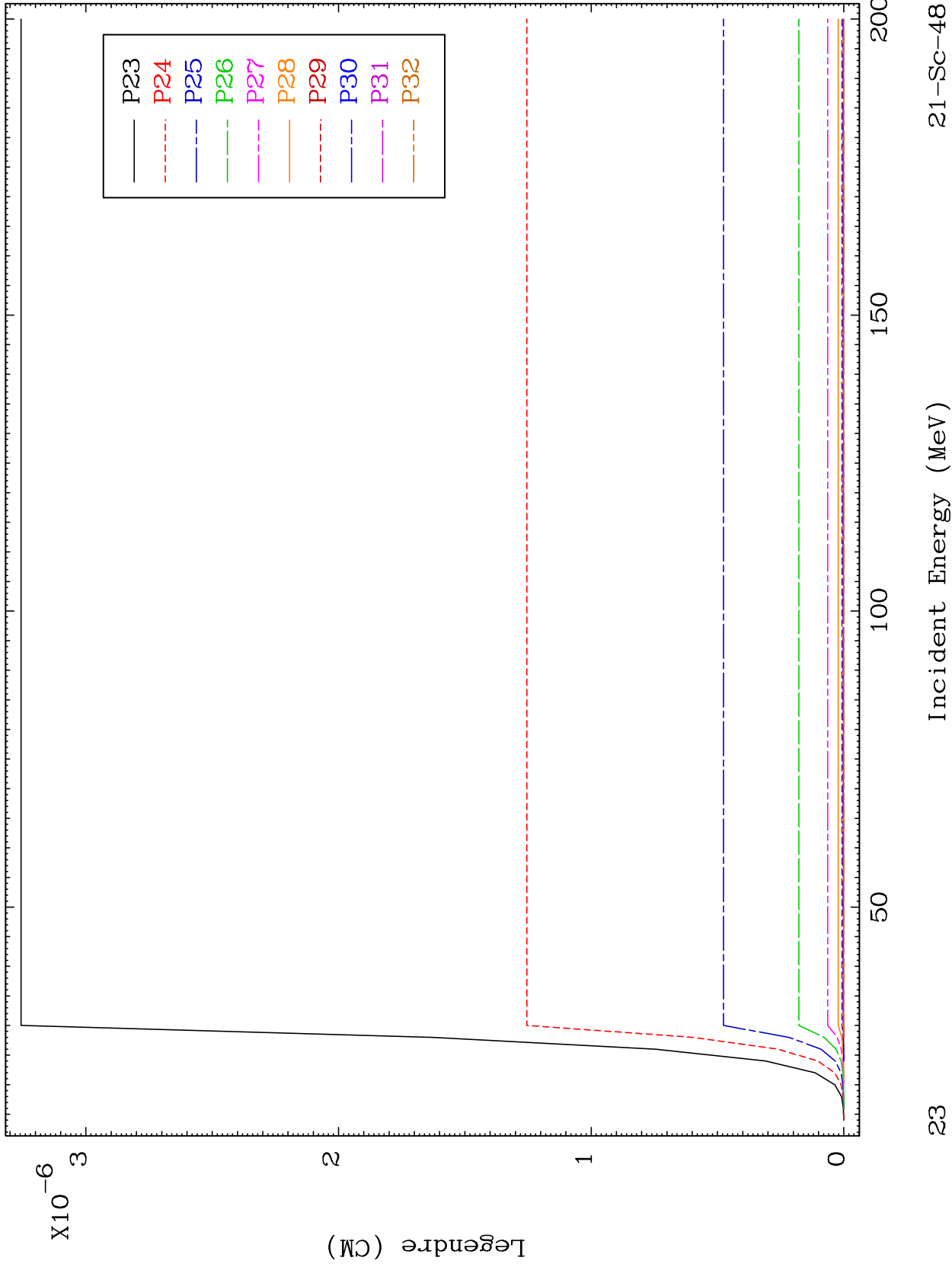




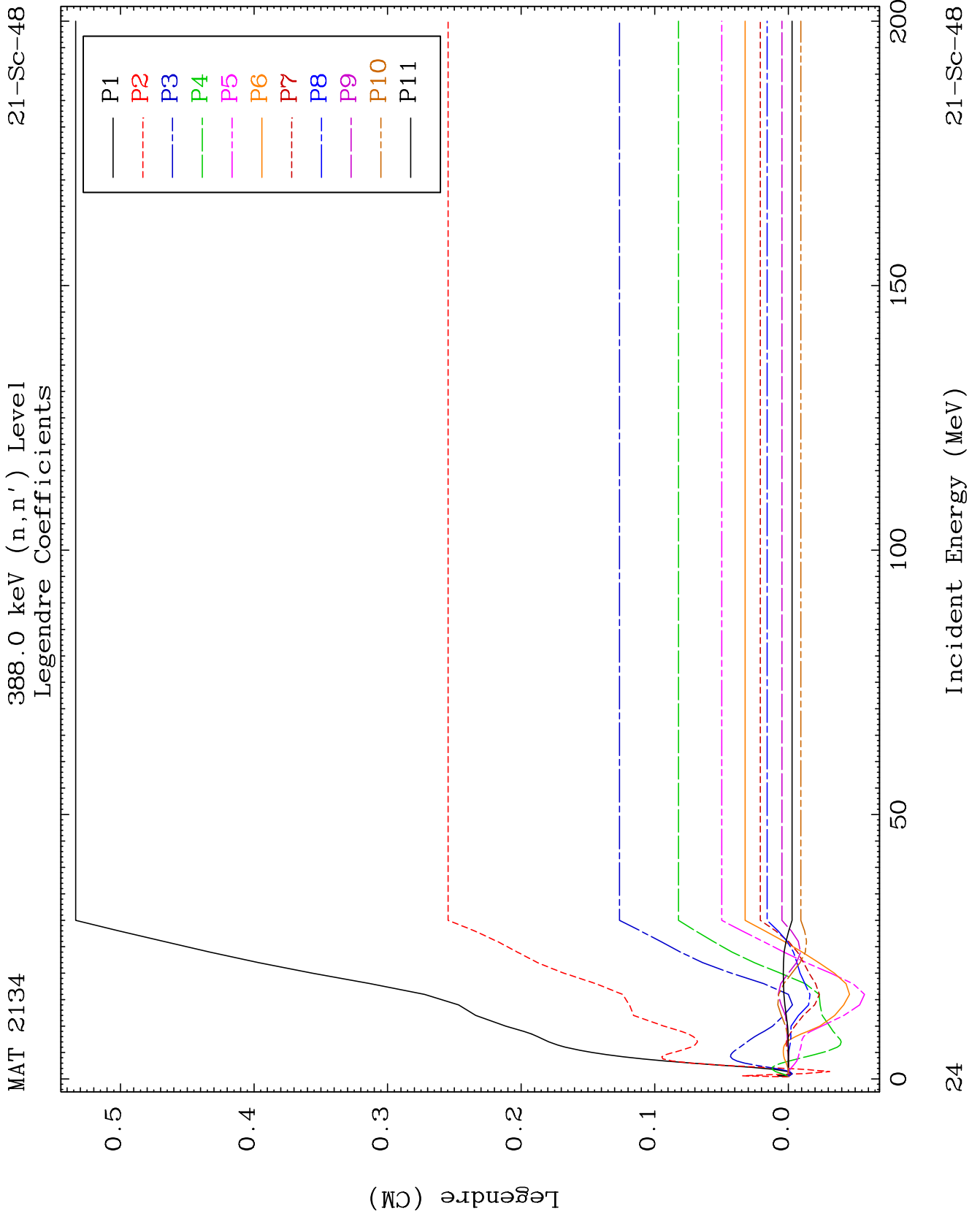
MAT 2134

252.3 keV (n,n') Level
Legendre Coefficients

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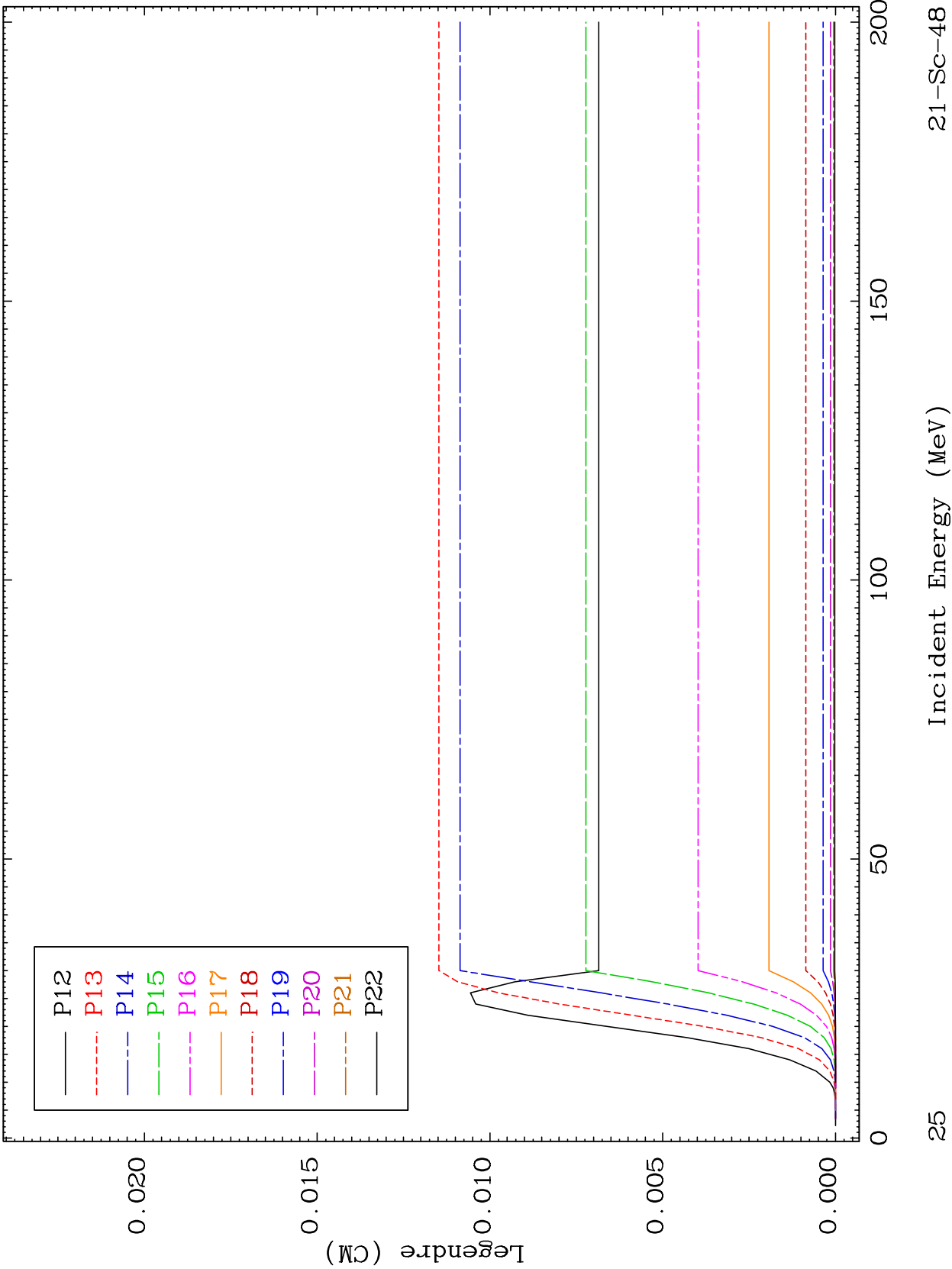
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388.0 keV (n,n') Level
Legendre Coefficients

21-Sc-48



25

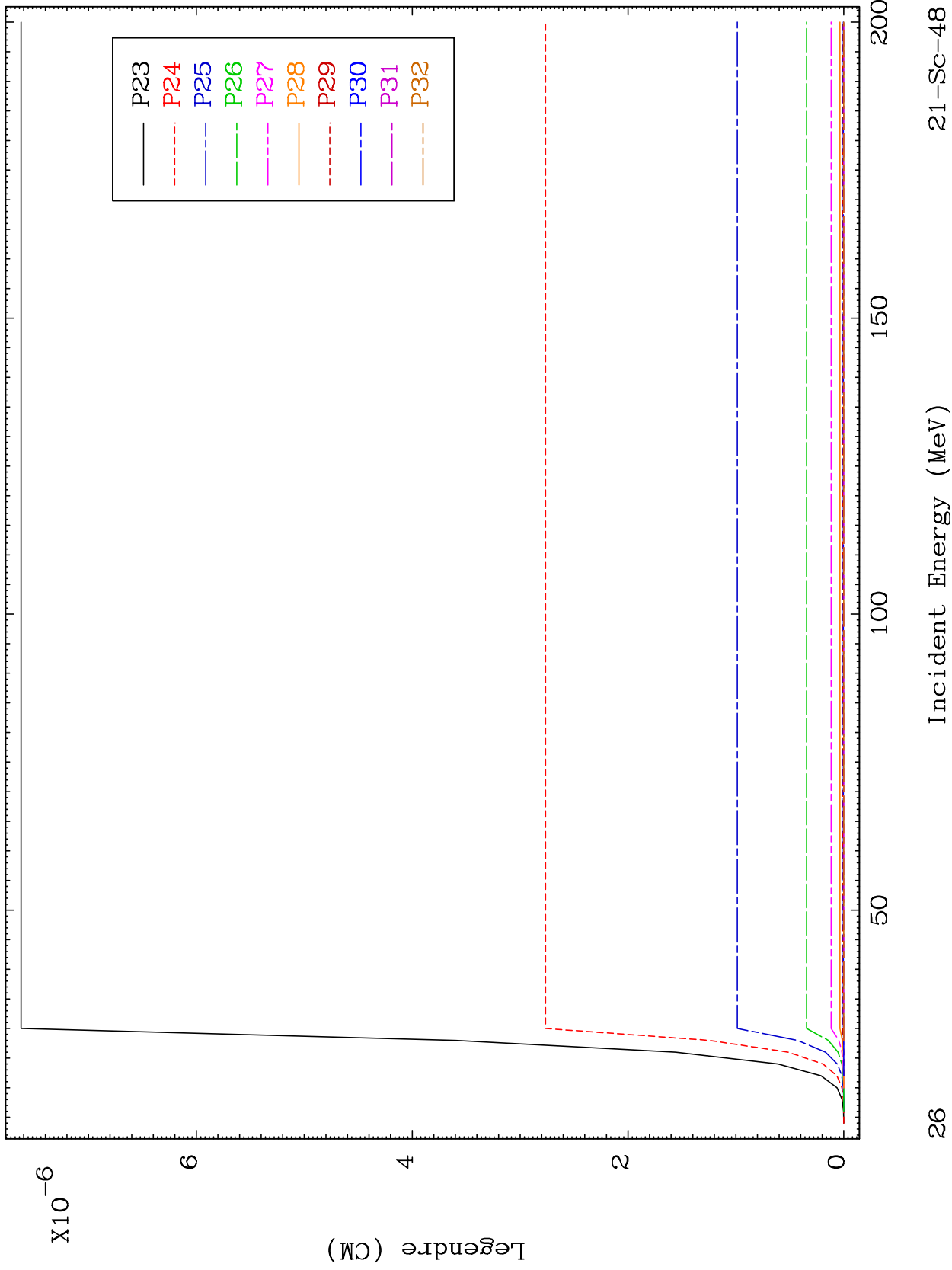
Incident Energy (MeV)

21-Sc-48

MAT 2134

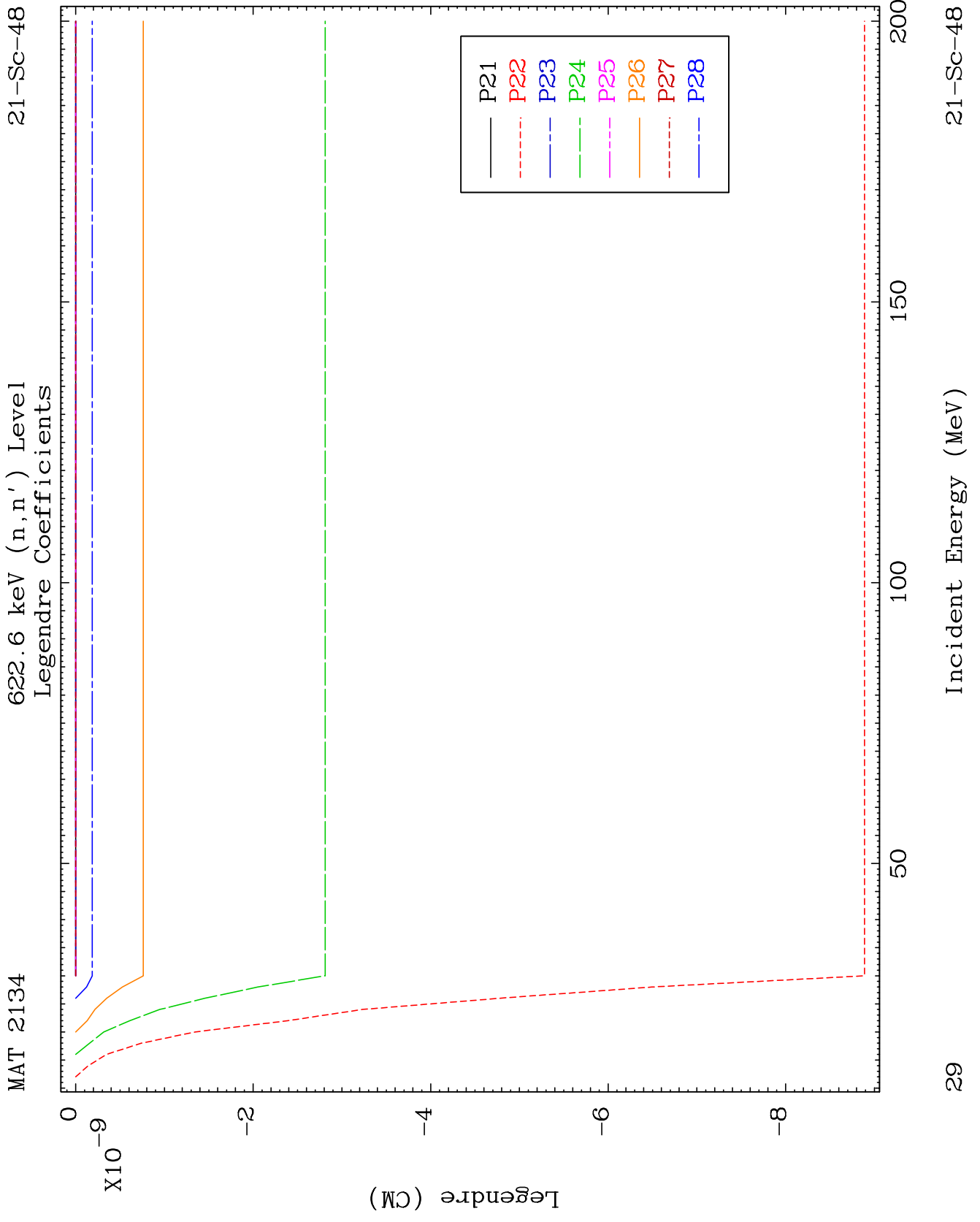
388.0 keV (n,n') Level
Legendre Coefficients

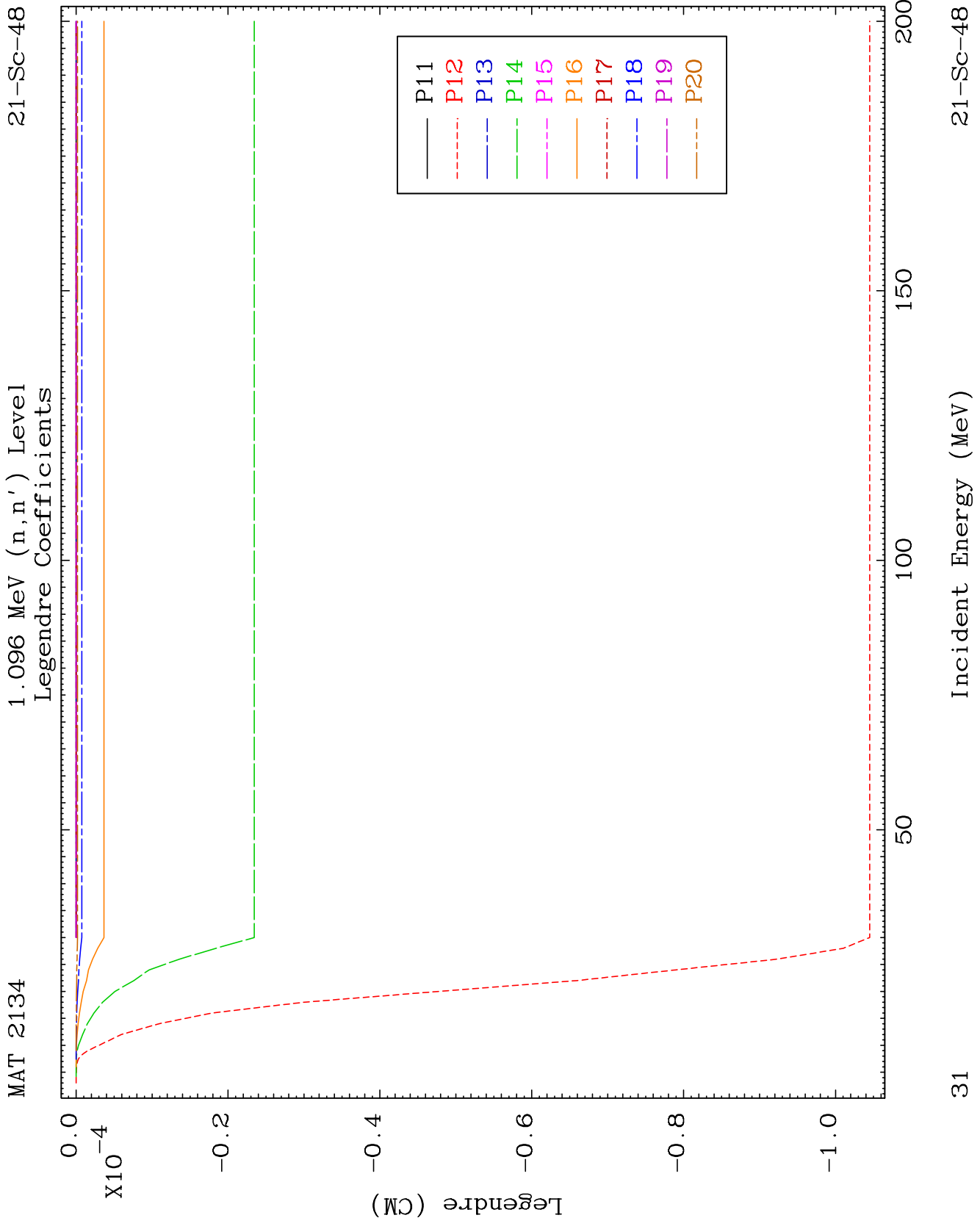
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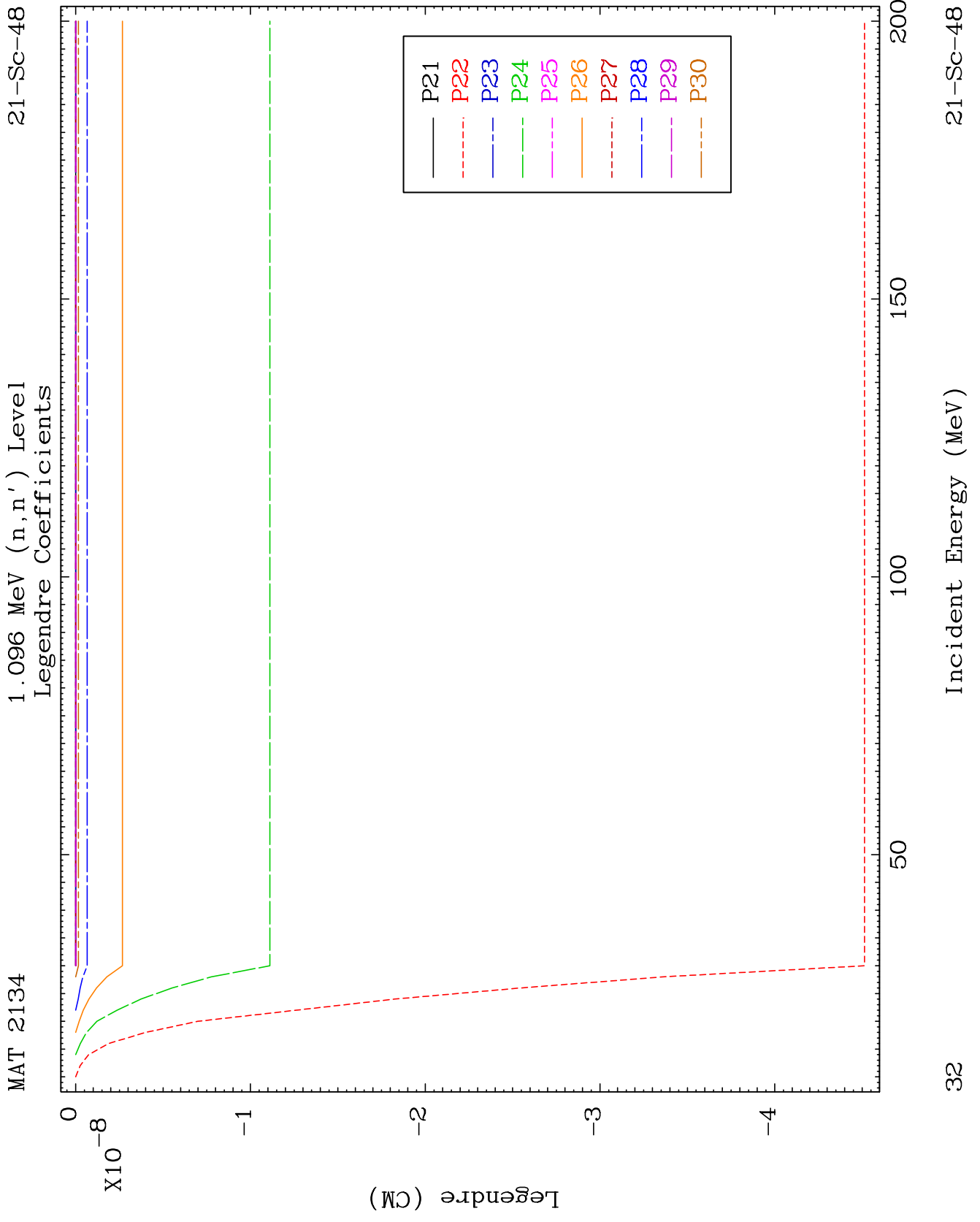


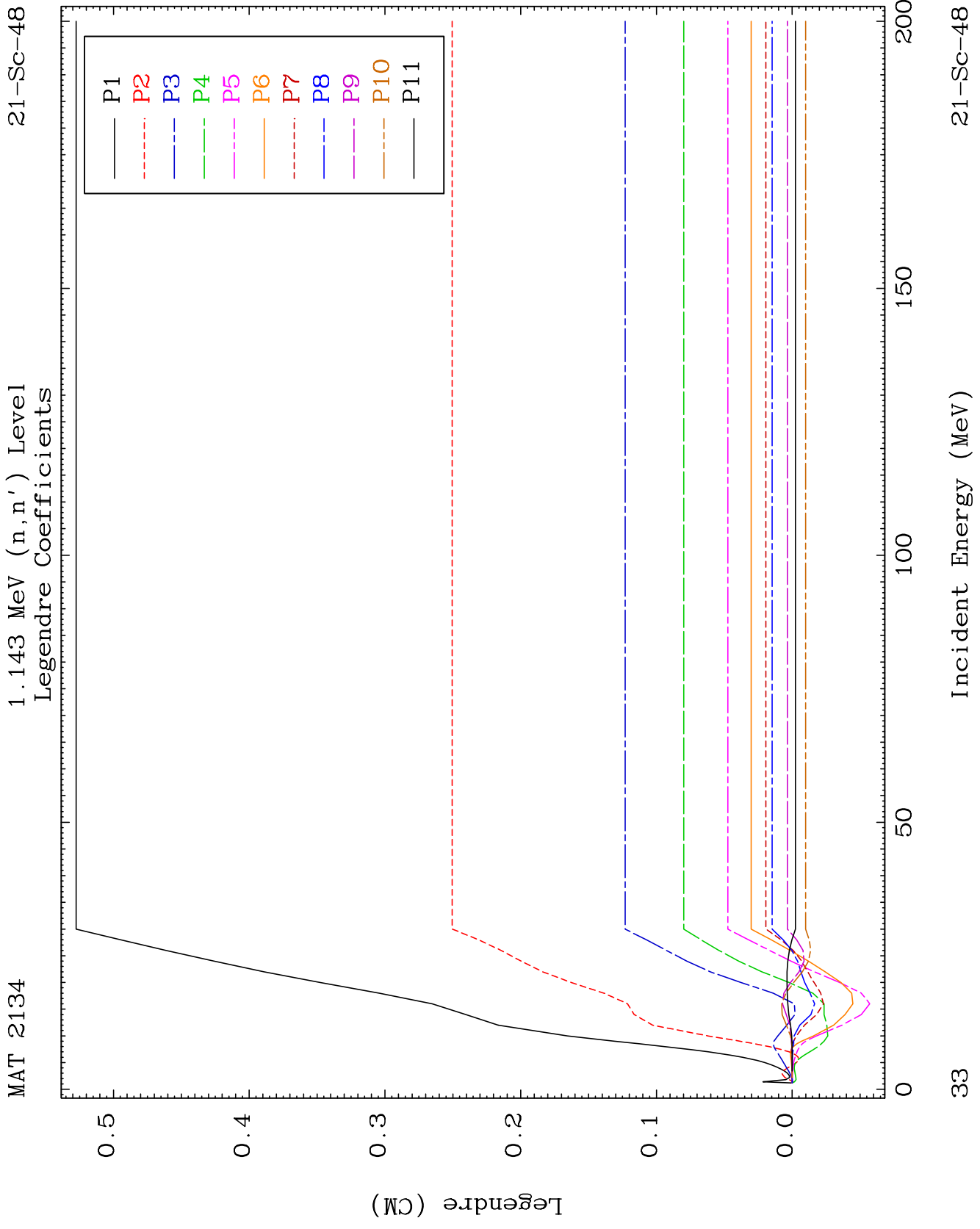
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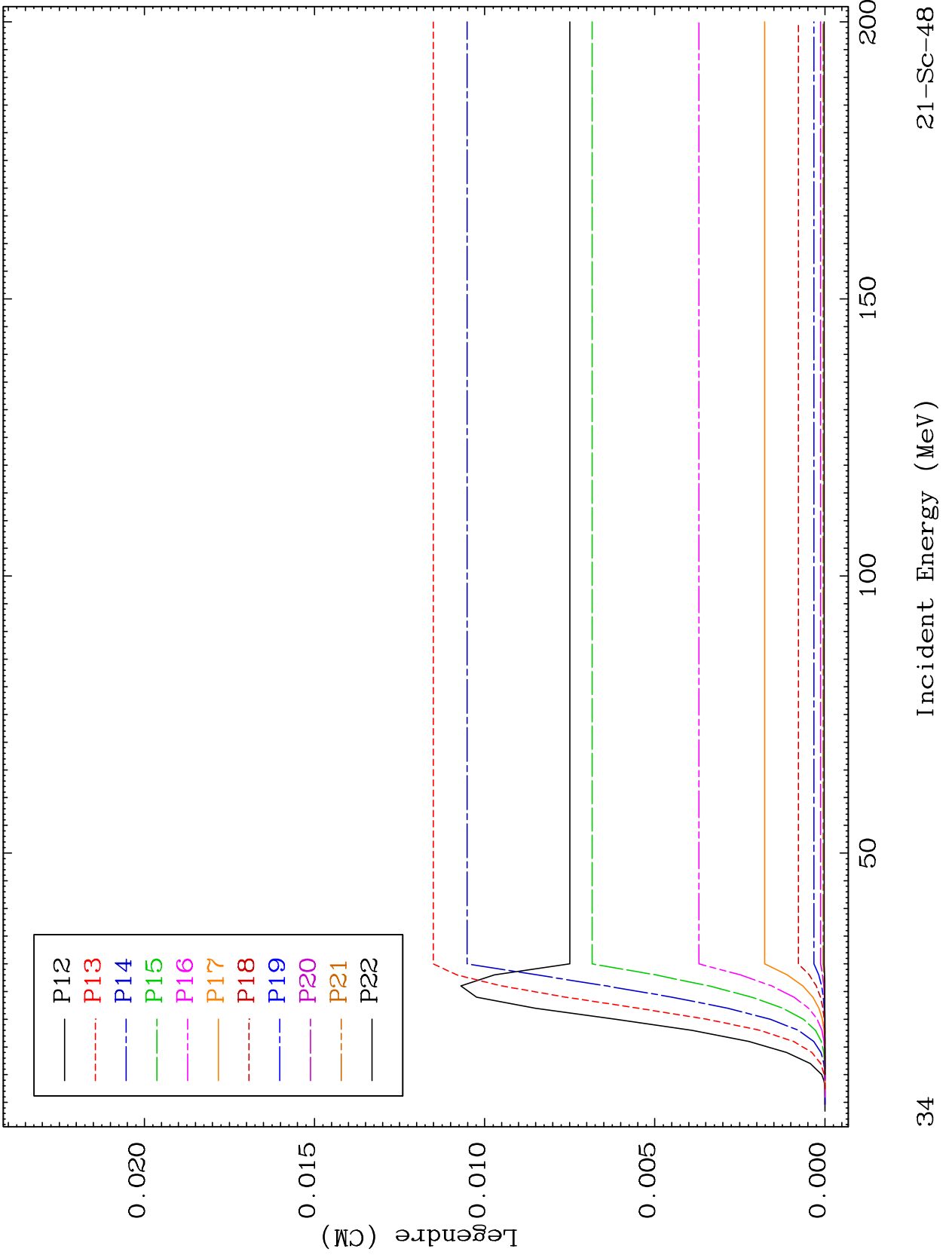
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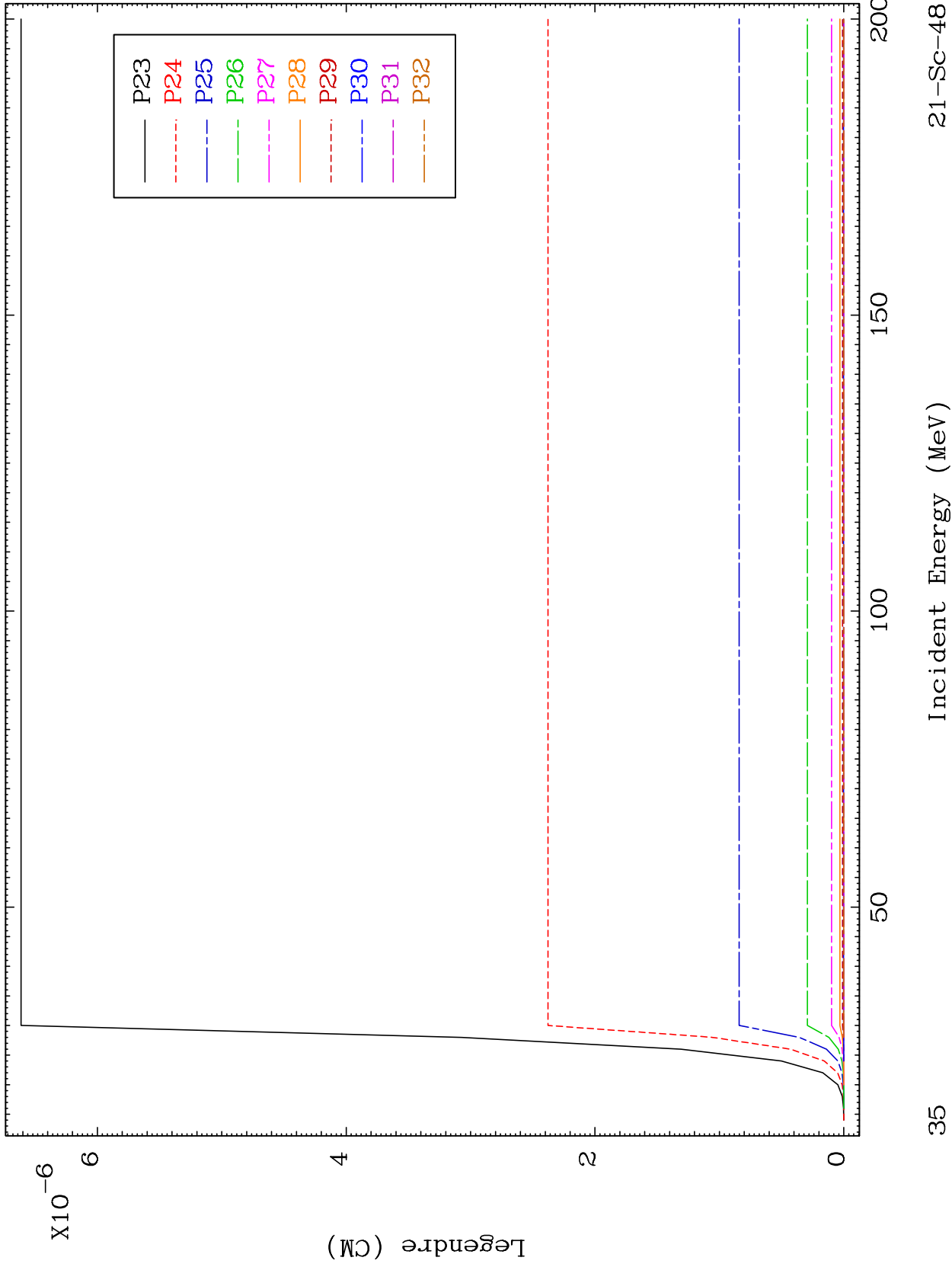




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1.143 MeV (n,n') Level
Legendre Coefficients

21-Sc-48



35

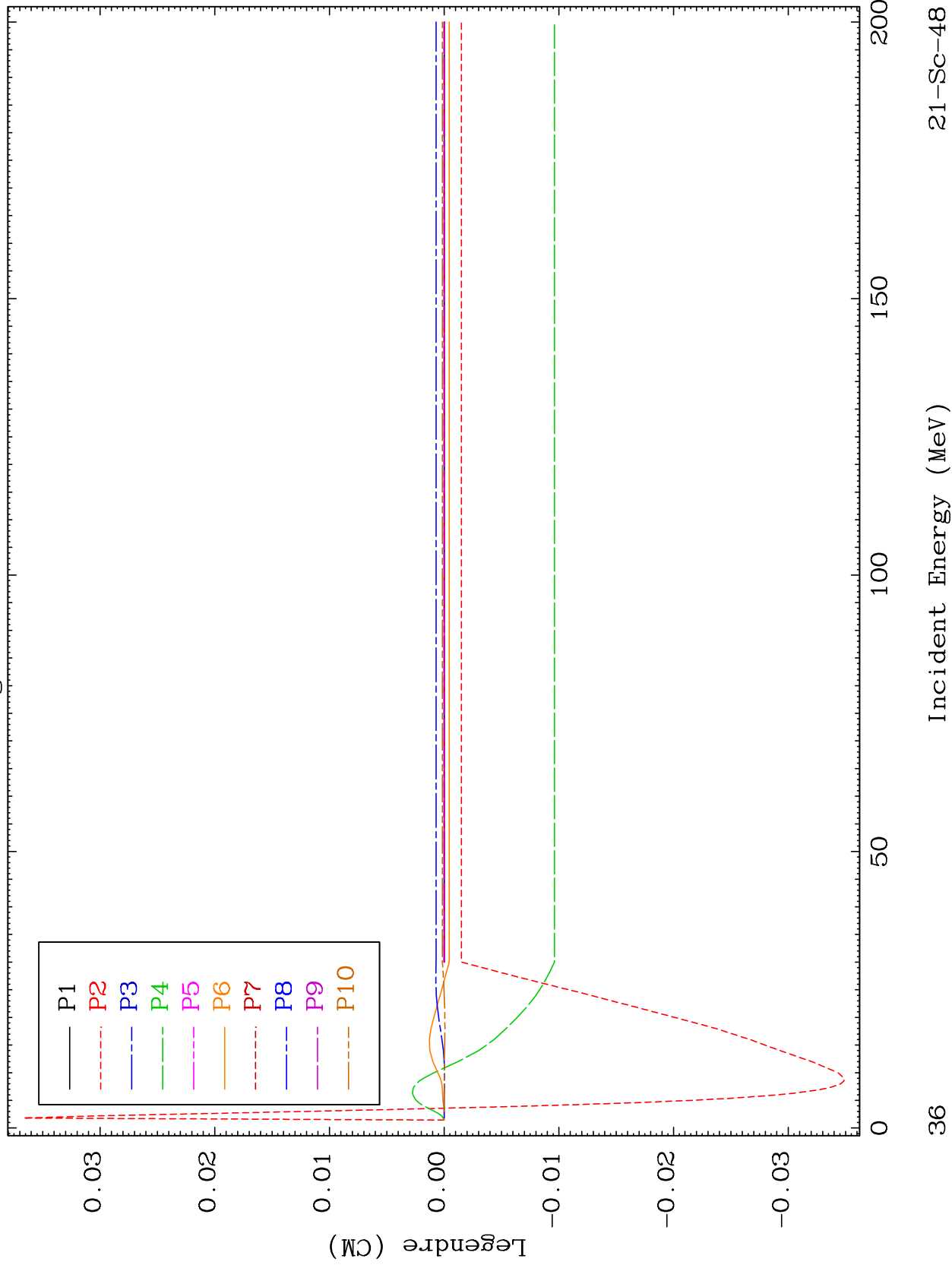
Incident Energy (MeV)

21-Sc-48

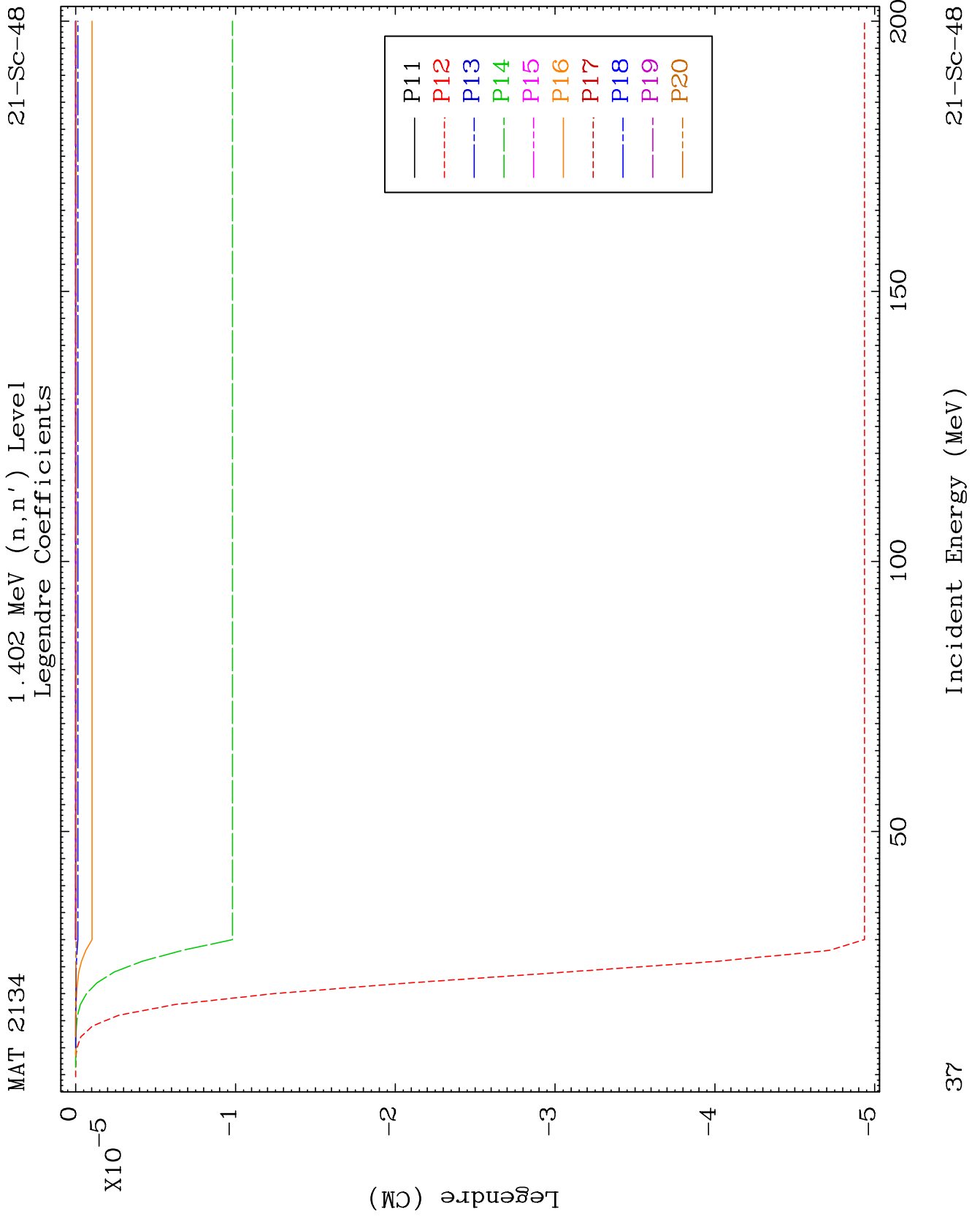
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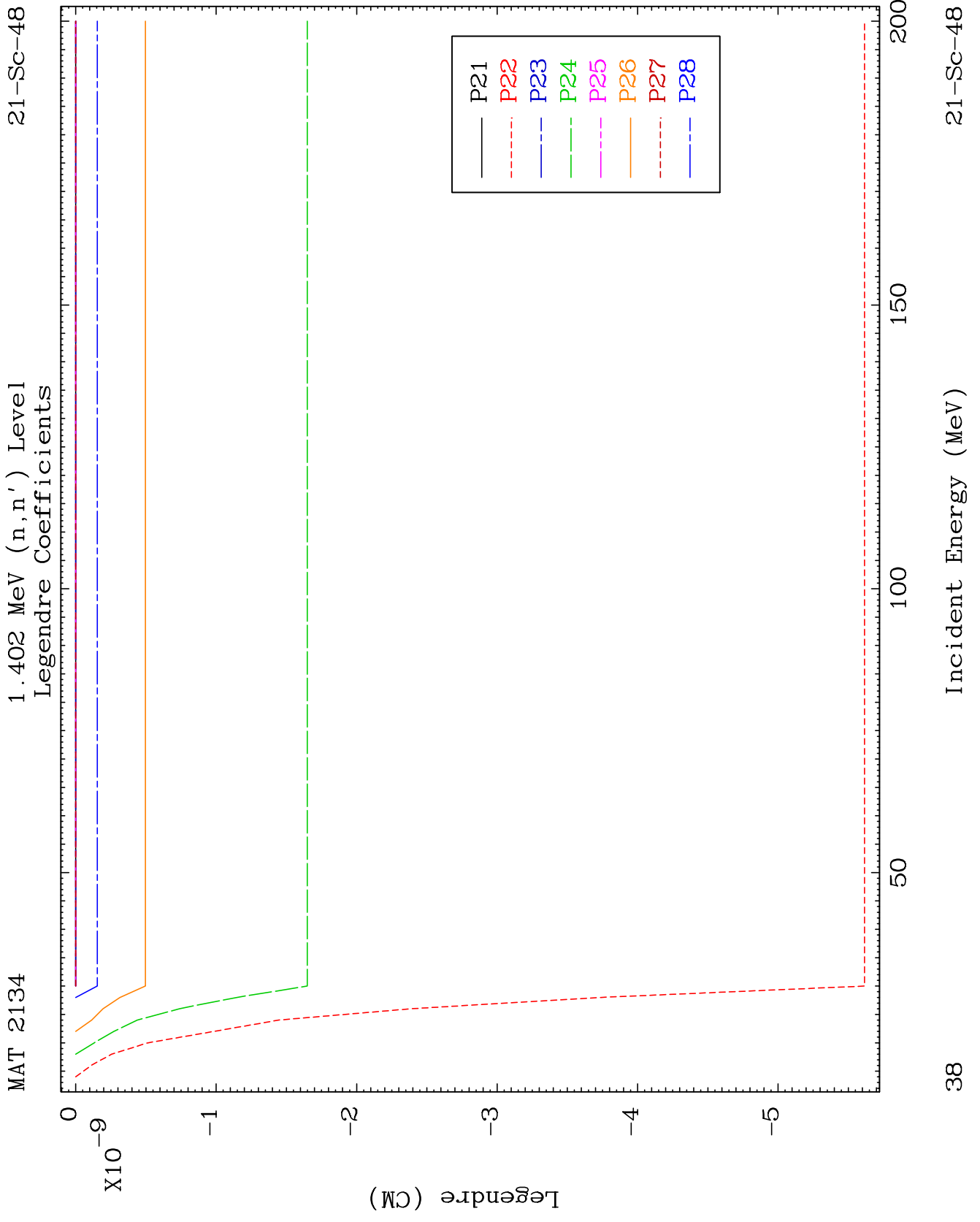
1.402 MeV (n,n') Level
Legendre Coefficients

21-Sc-48



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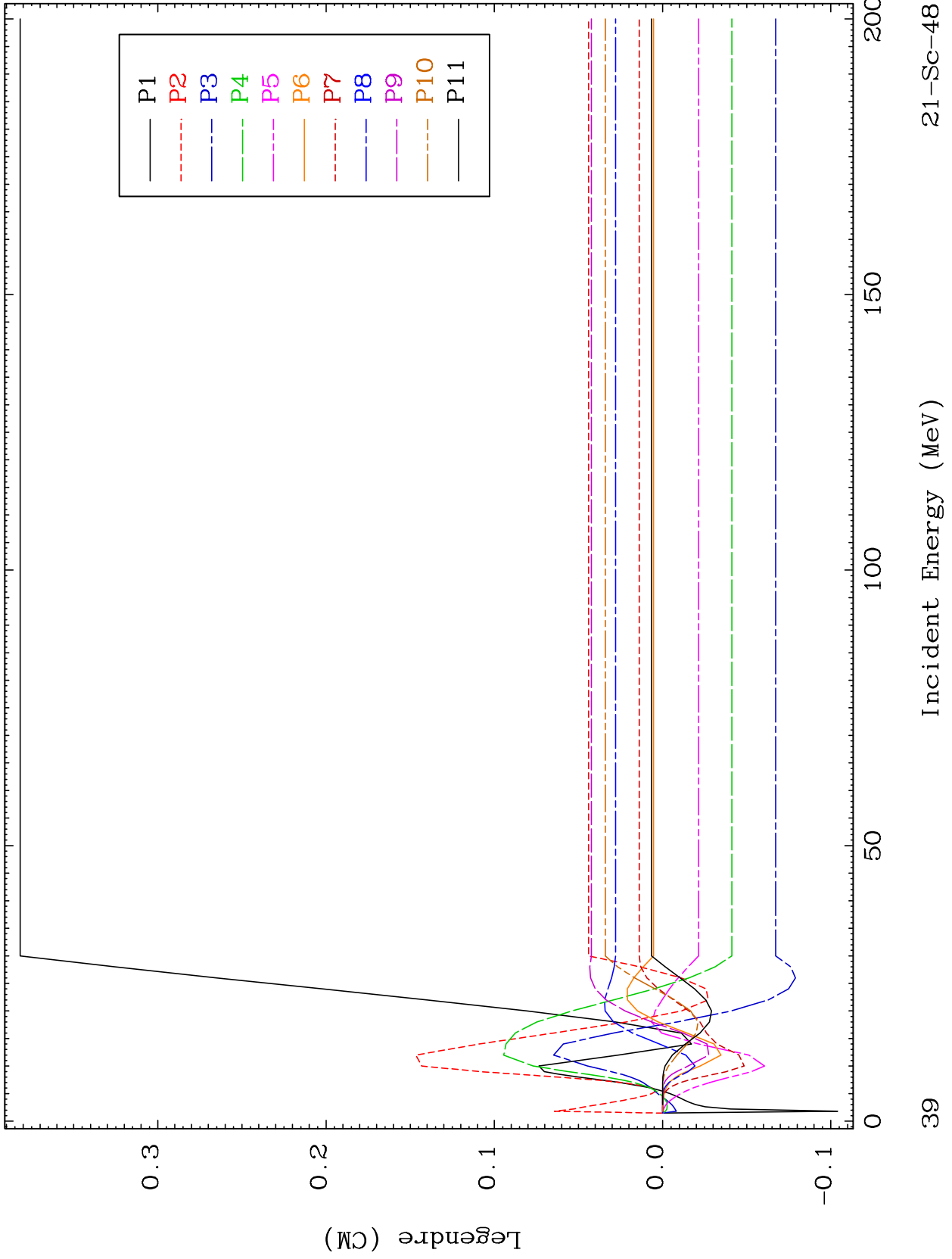




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1.432 MeV (n,n') Level
Legendre Coefficients

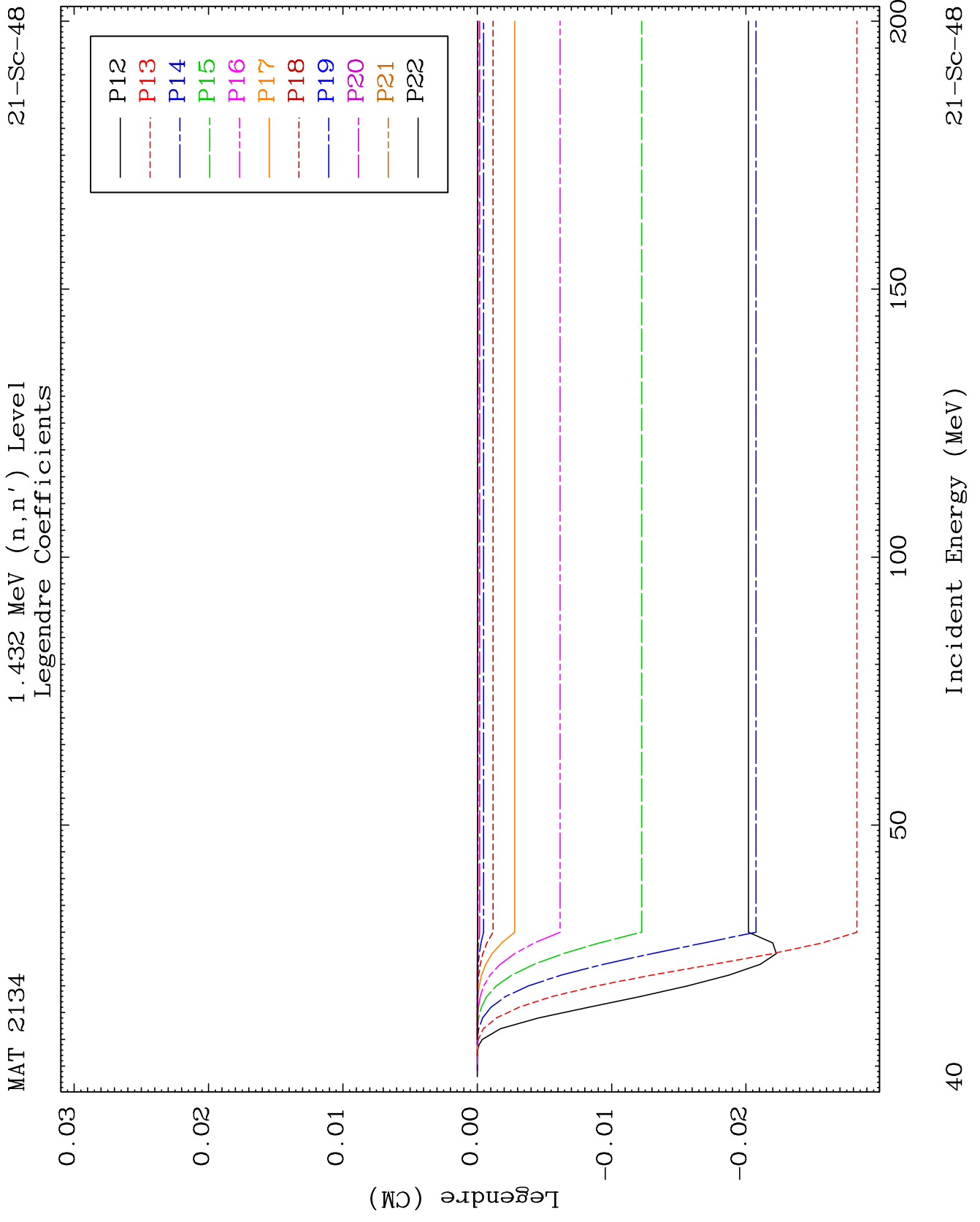
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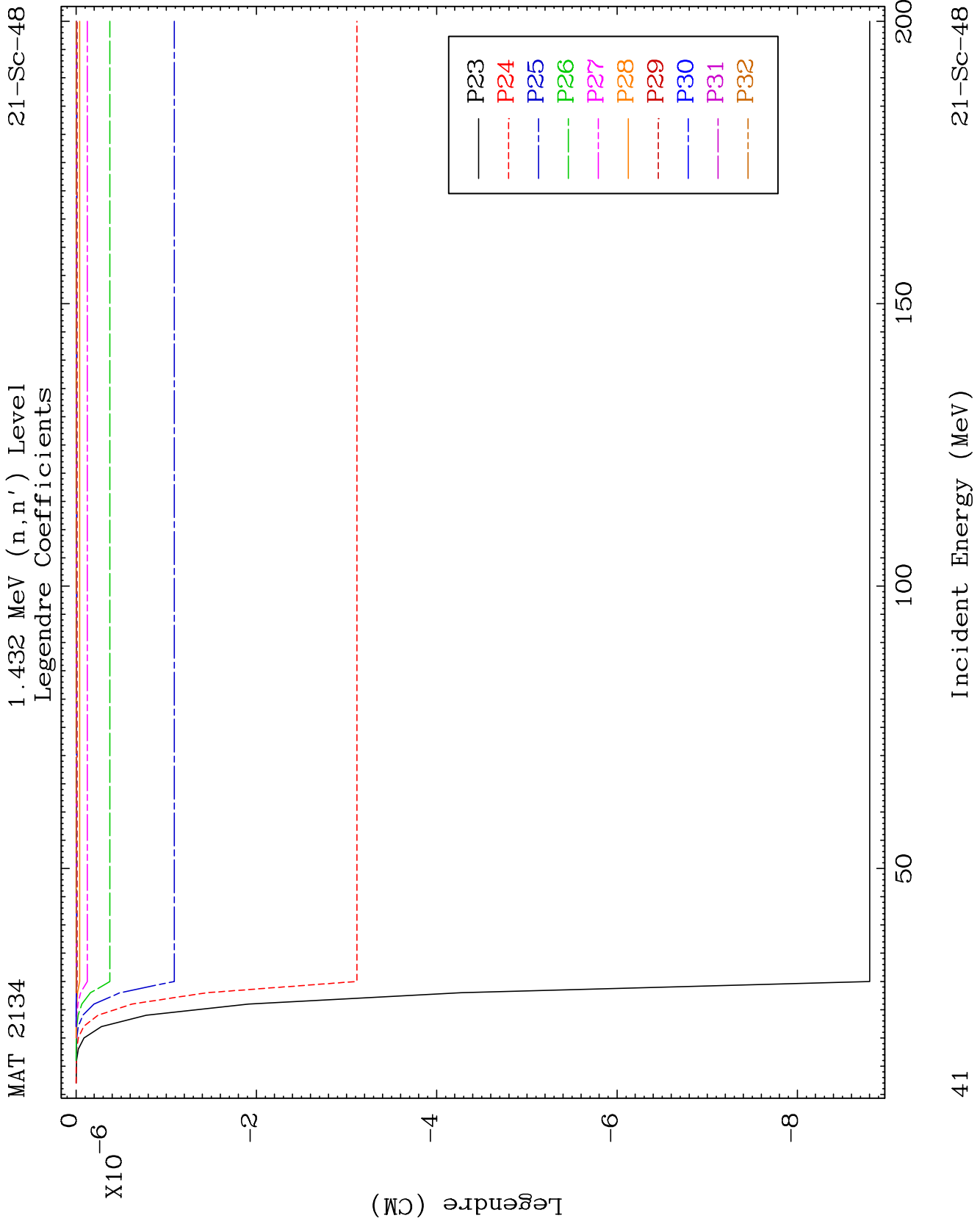


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Incident Energy (MeV)

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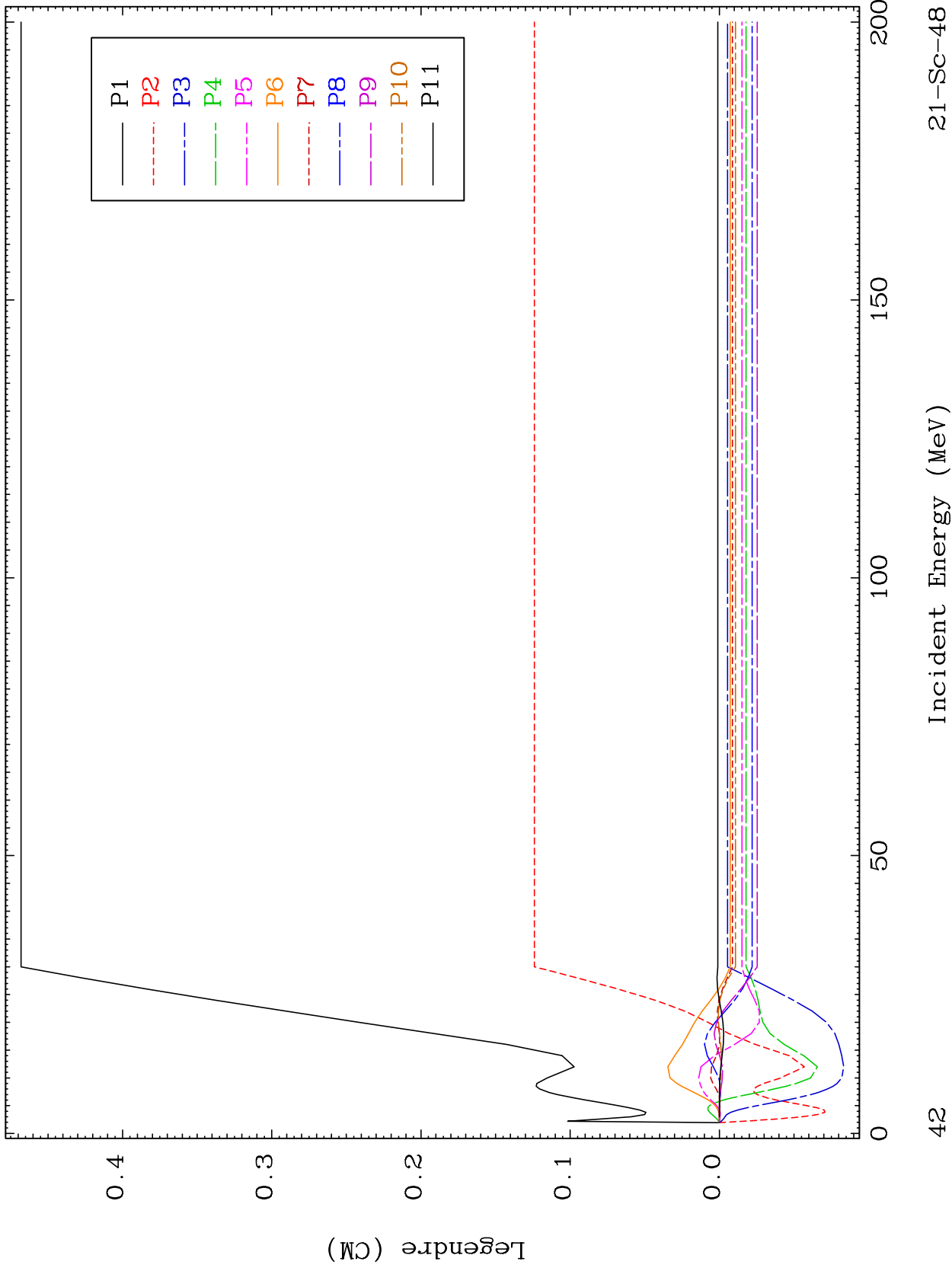




MAT 2134

1.891 MeV (n,n') Level
Legendre Coefficients

21-Sc-48



21-Sc-48

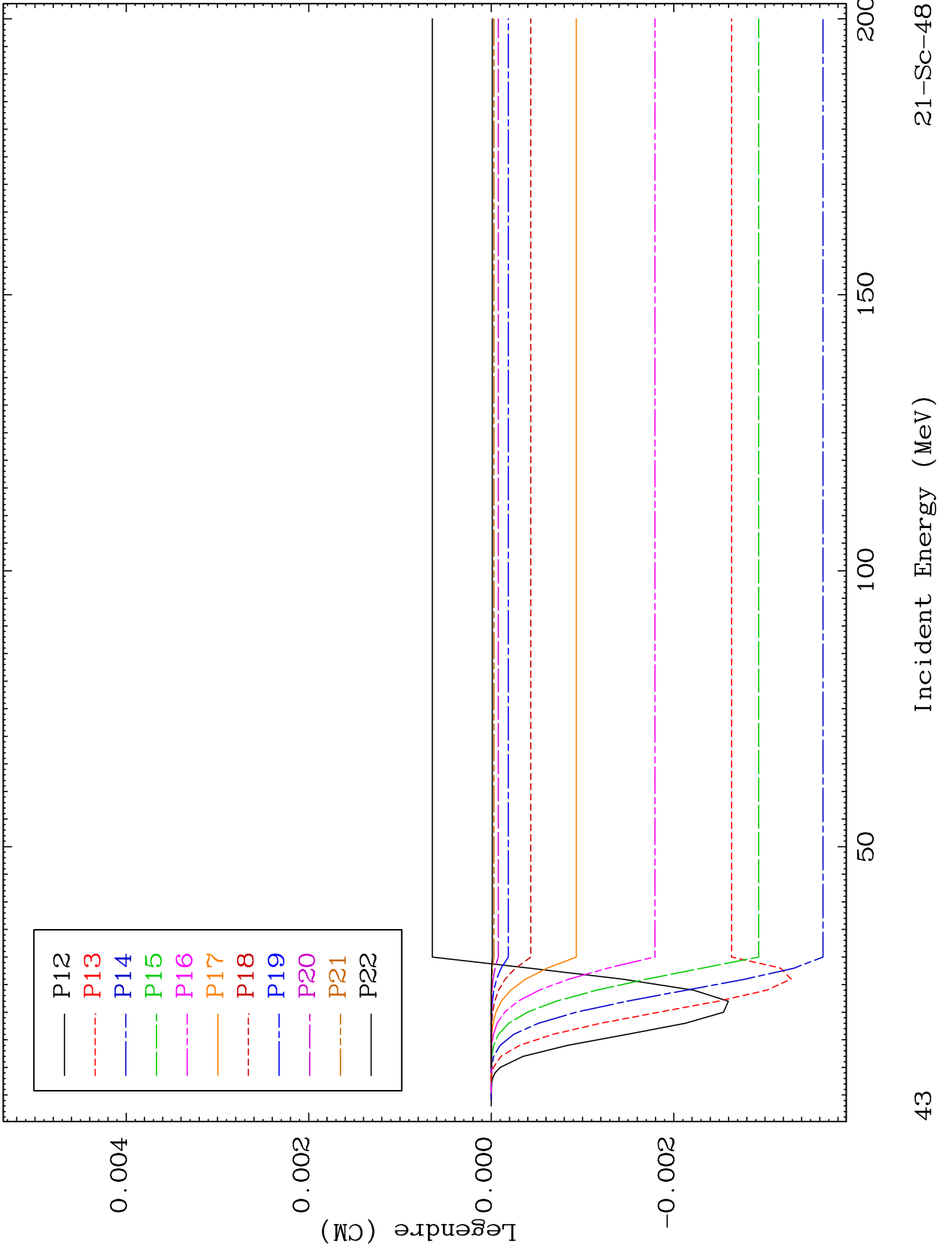
Incident Energy (MeV)

42

MAT 2134

1.891 MeV (n,n') Level
Legendre Coefficients

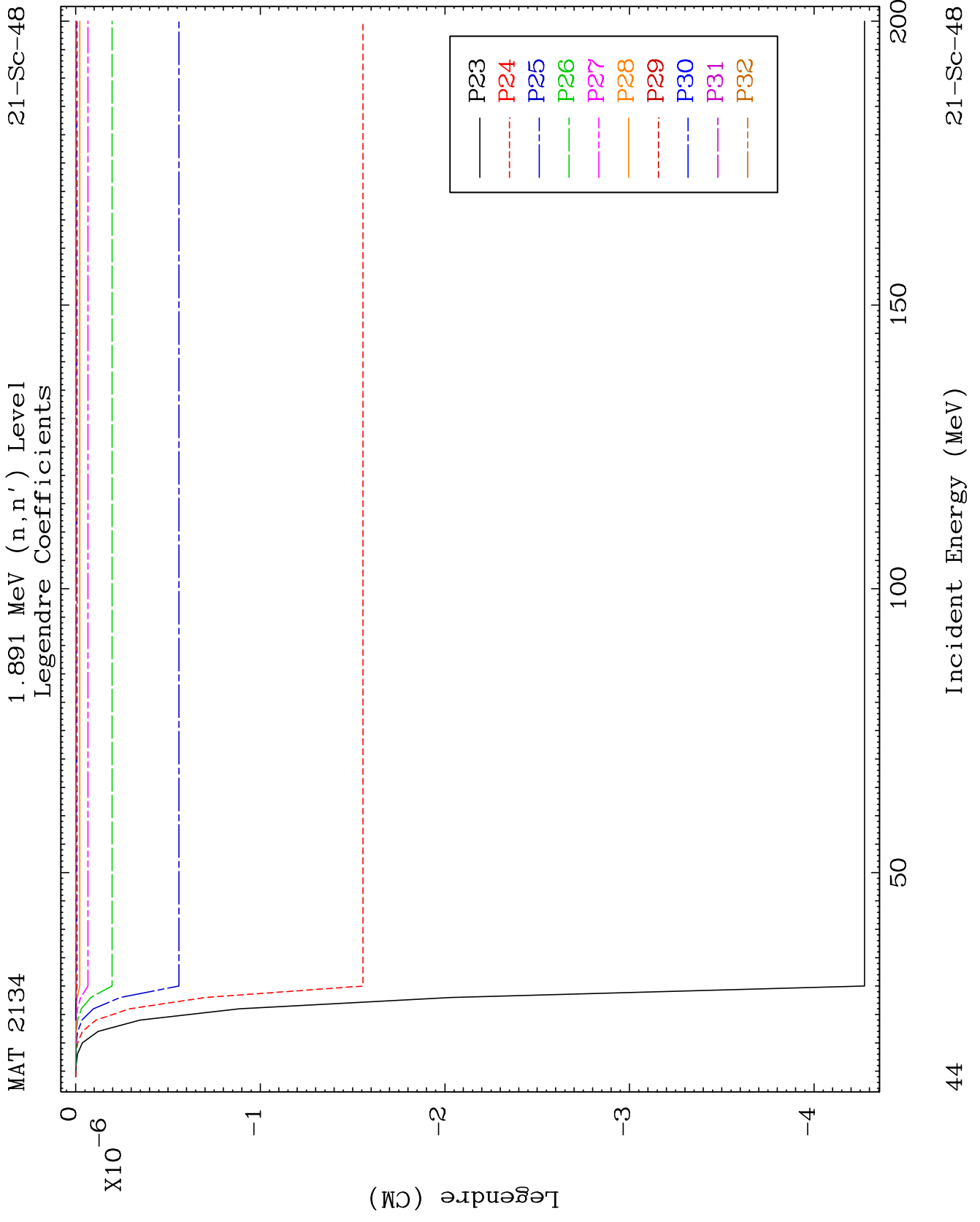
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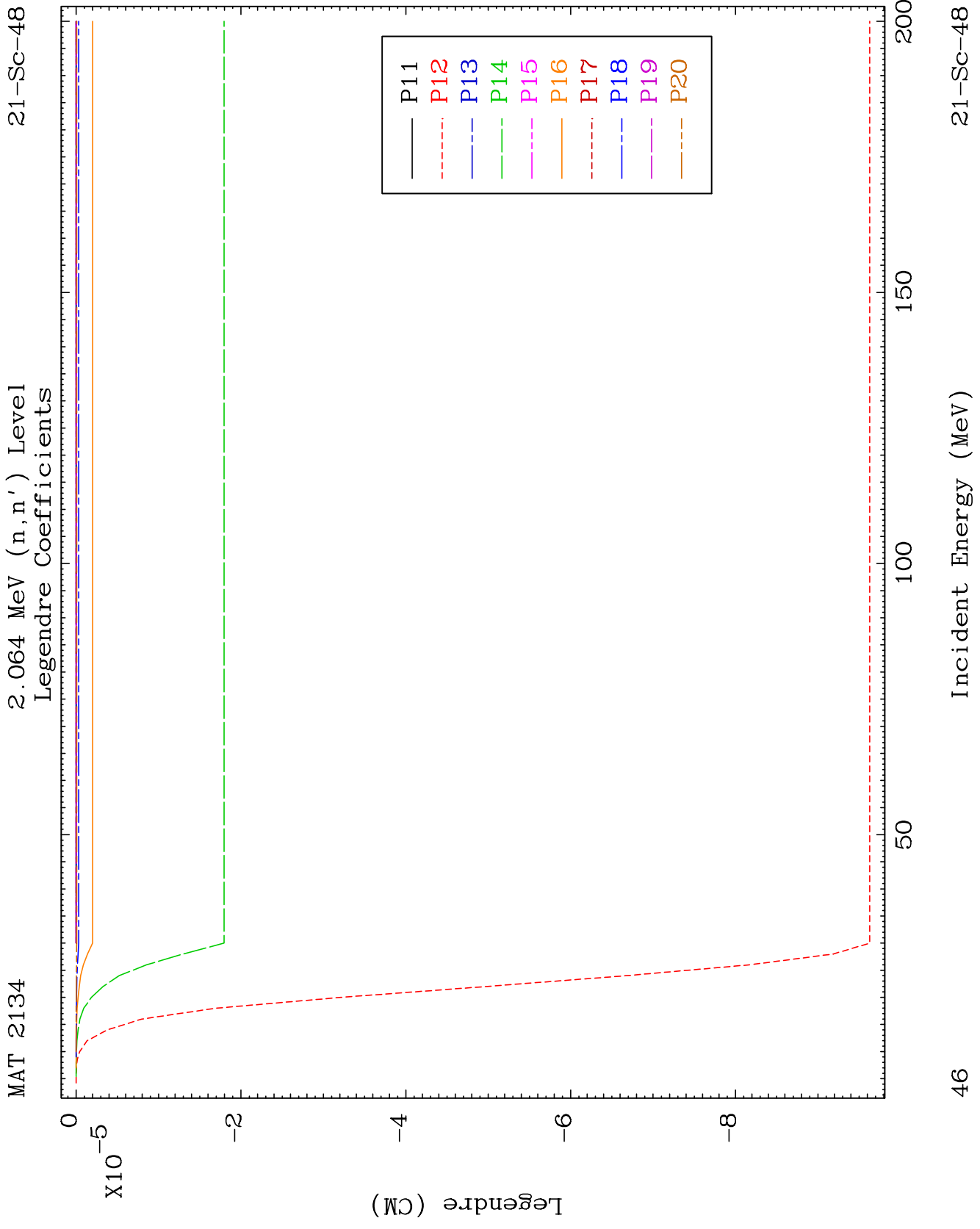


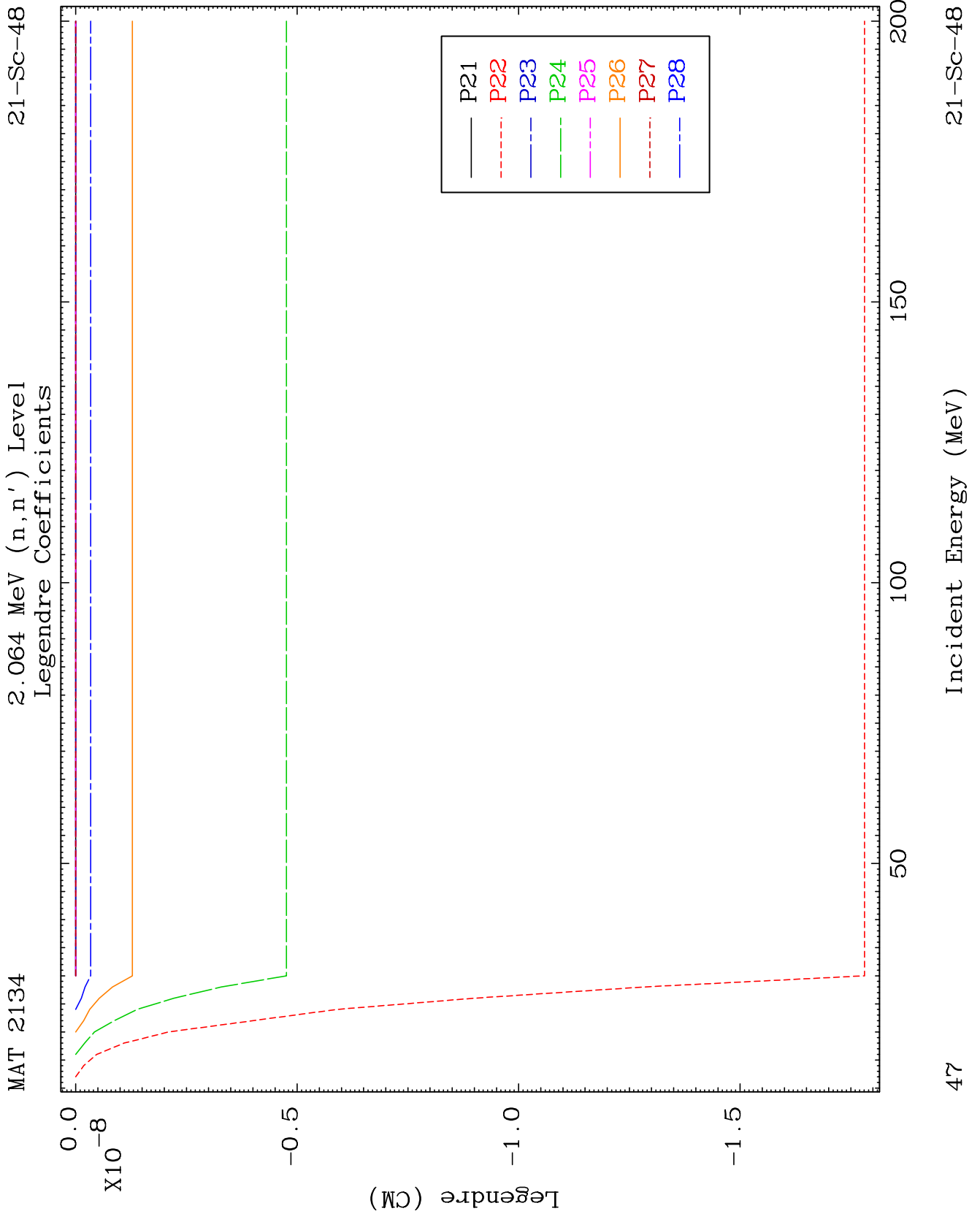
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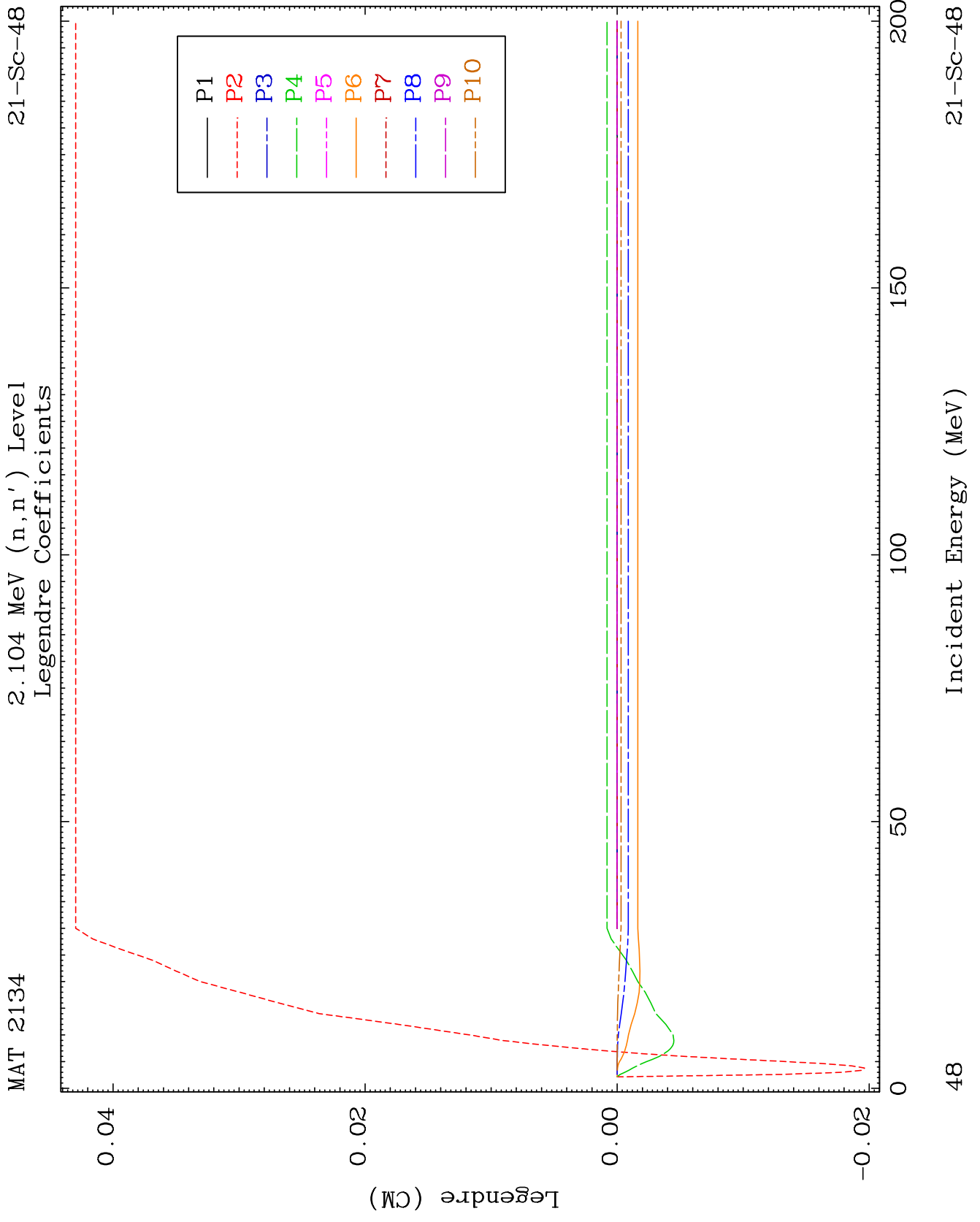
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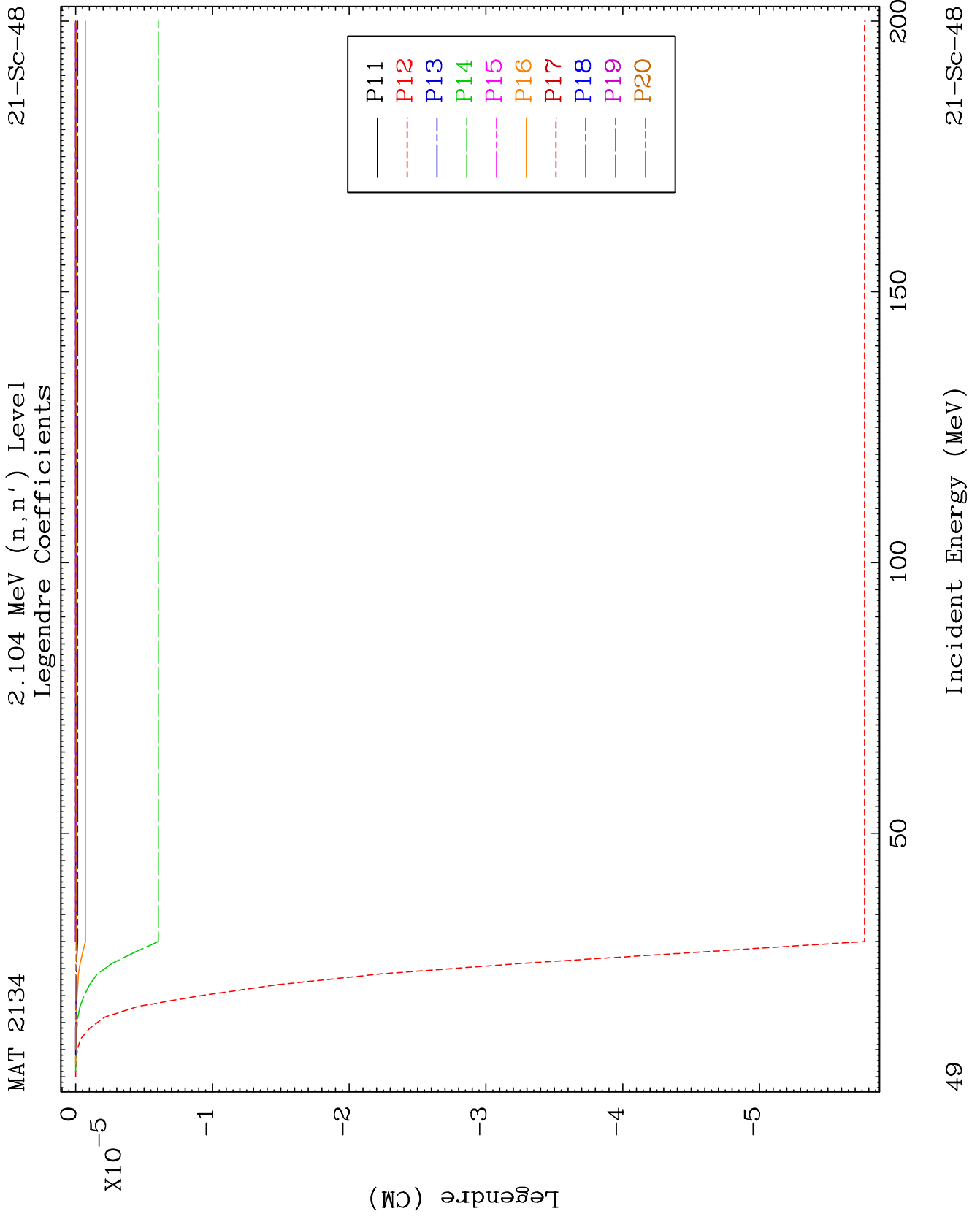
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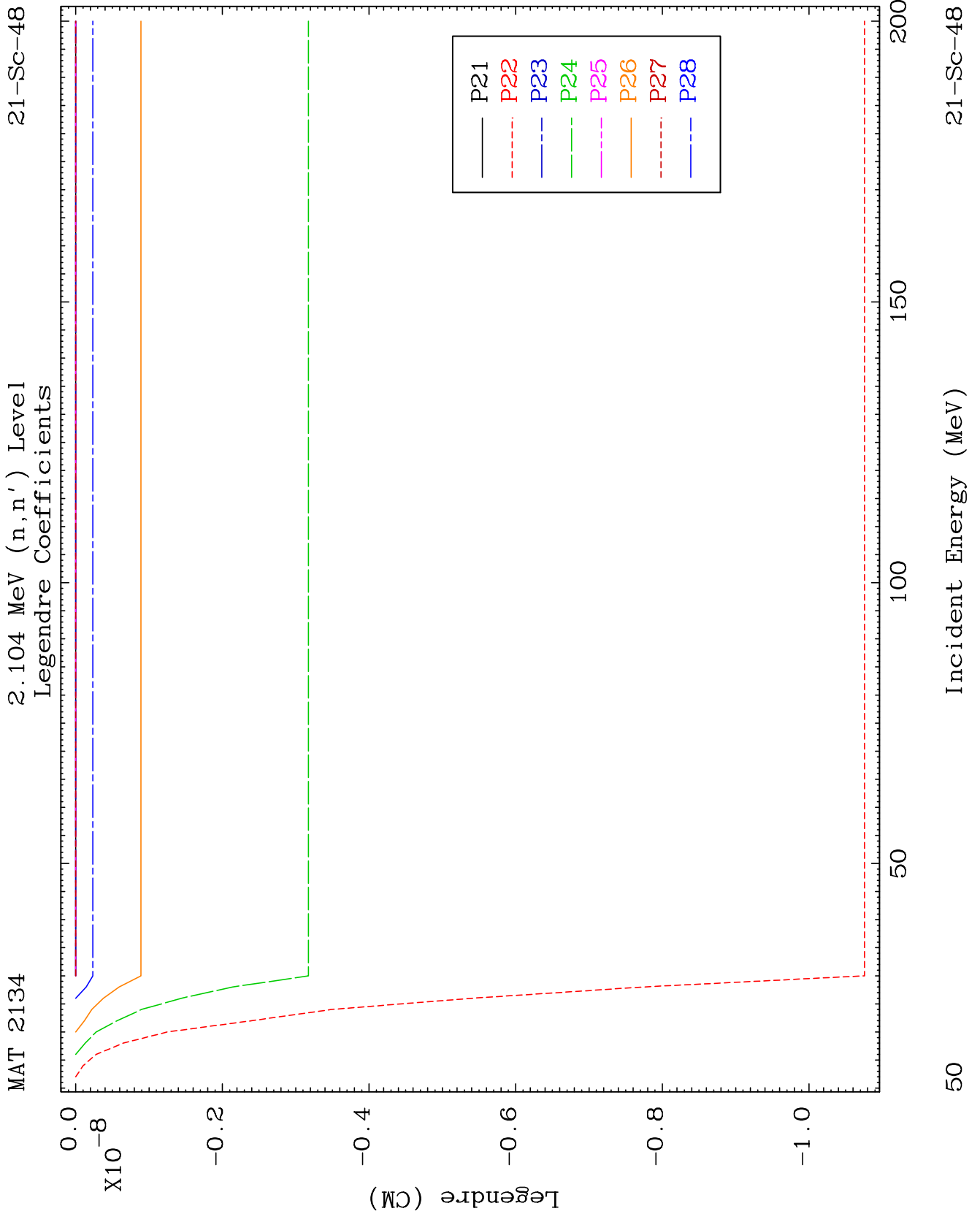


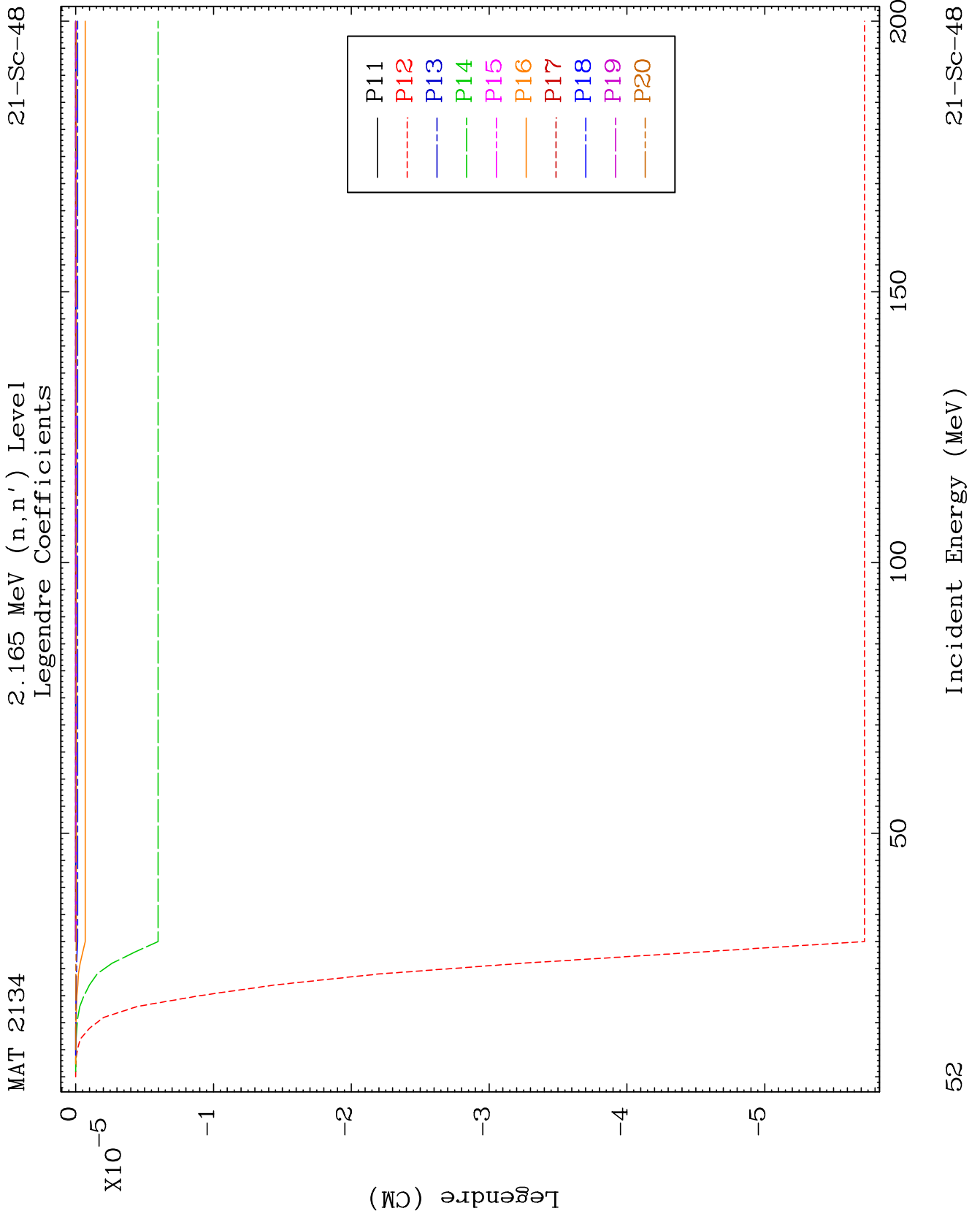


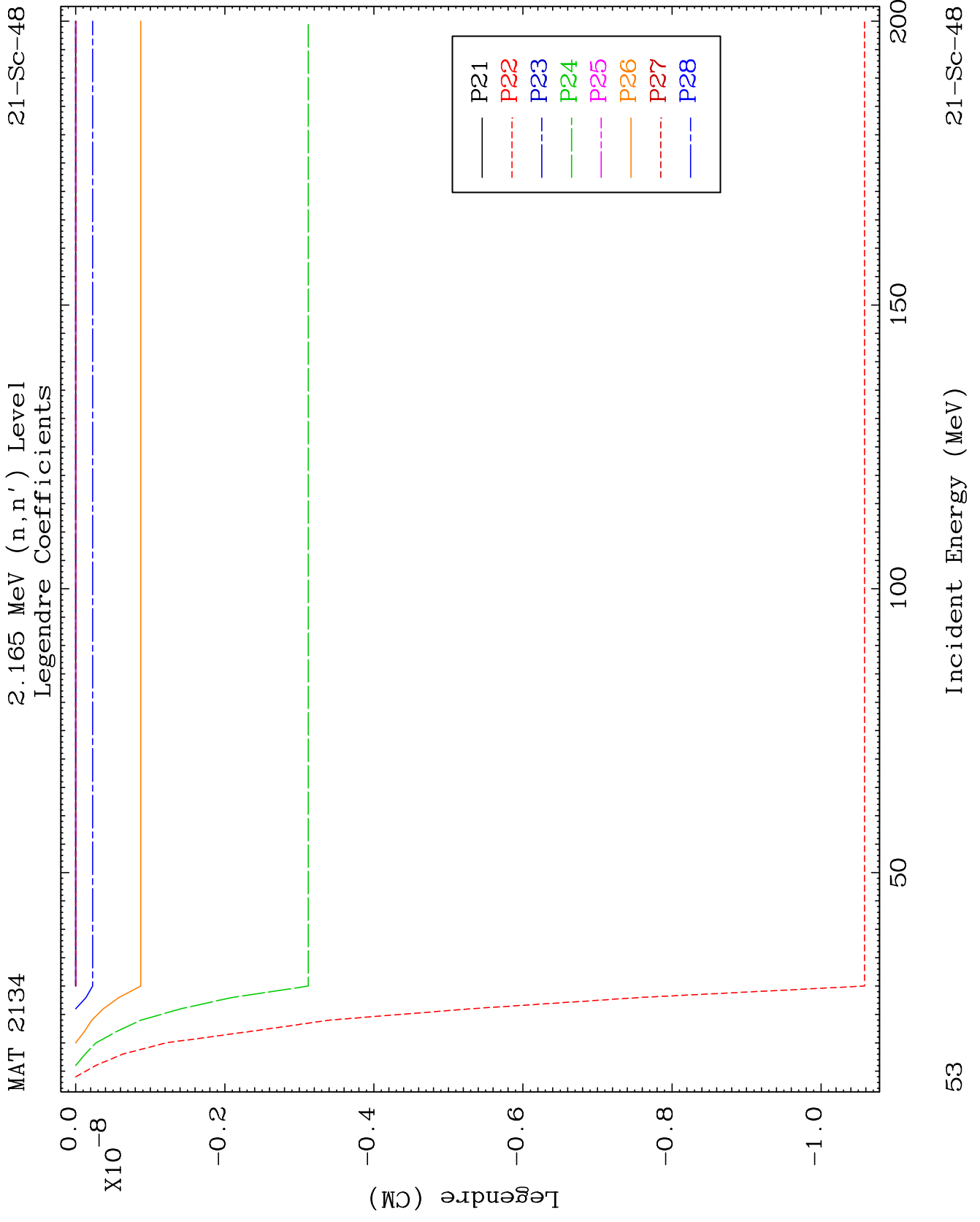








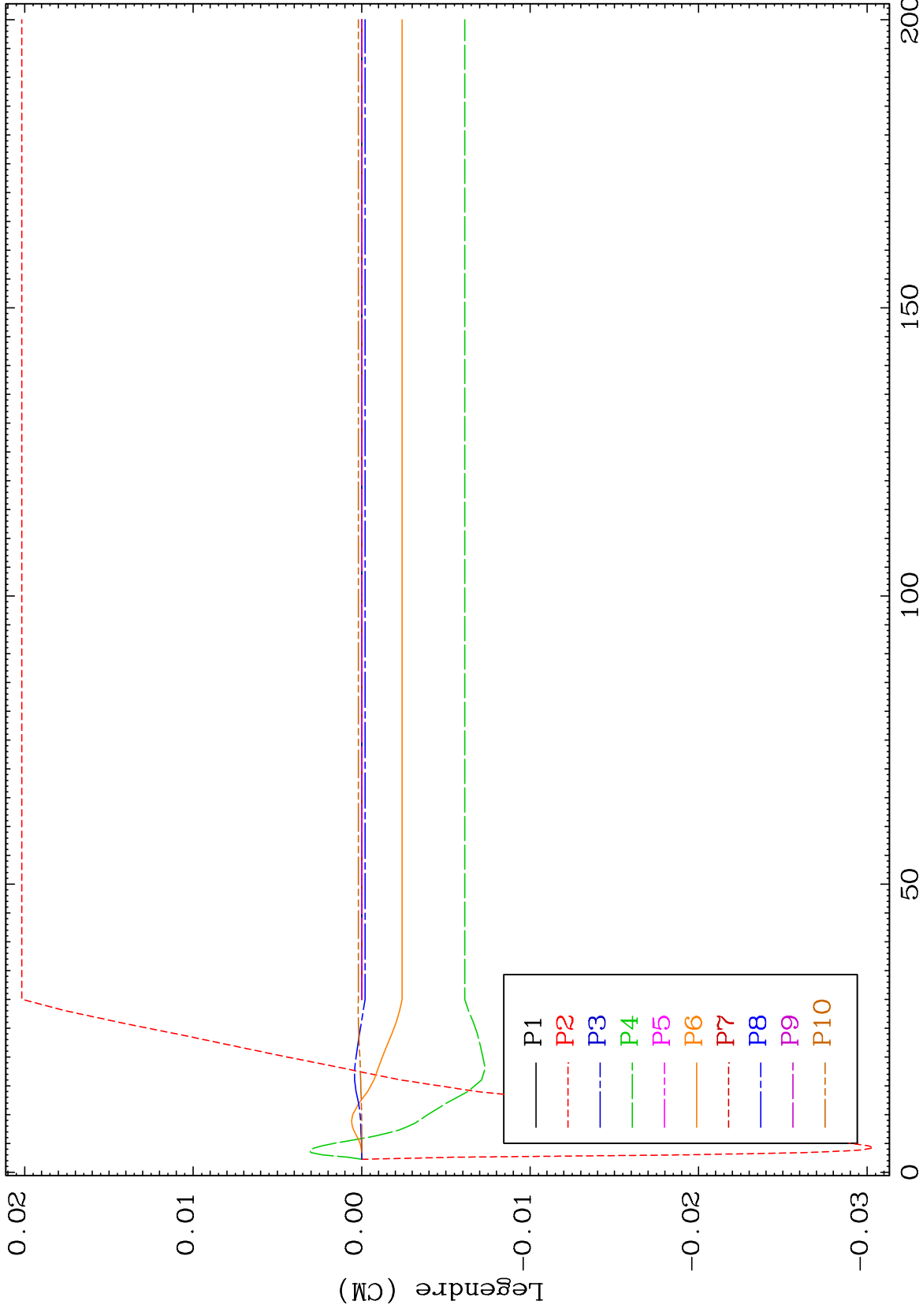




MAT 2134

2.190 MeV (n,n') Level
Legendre Coefficients

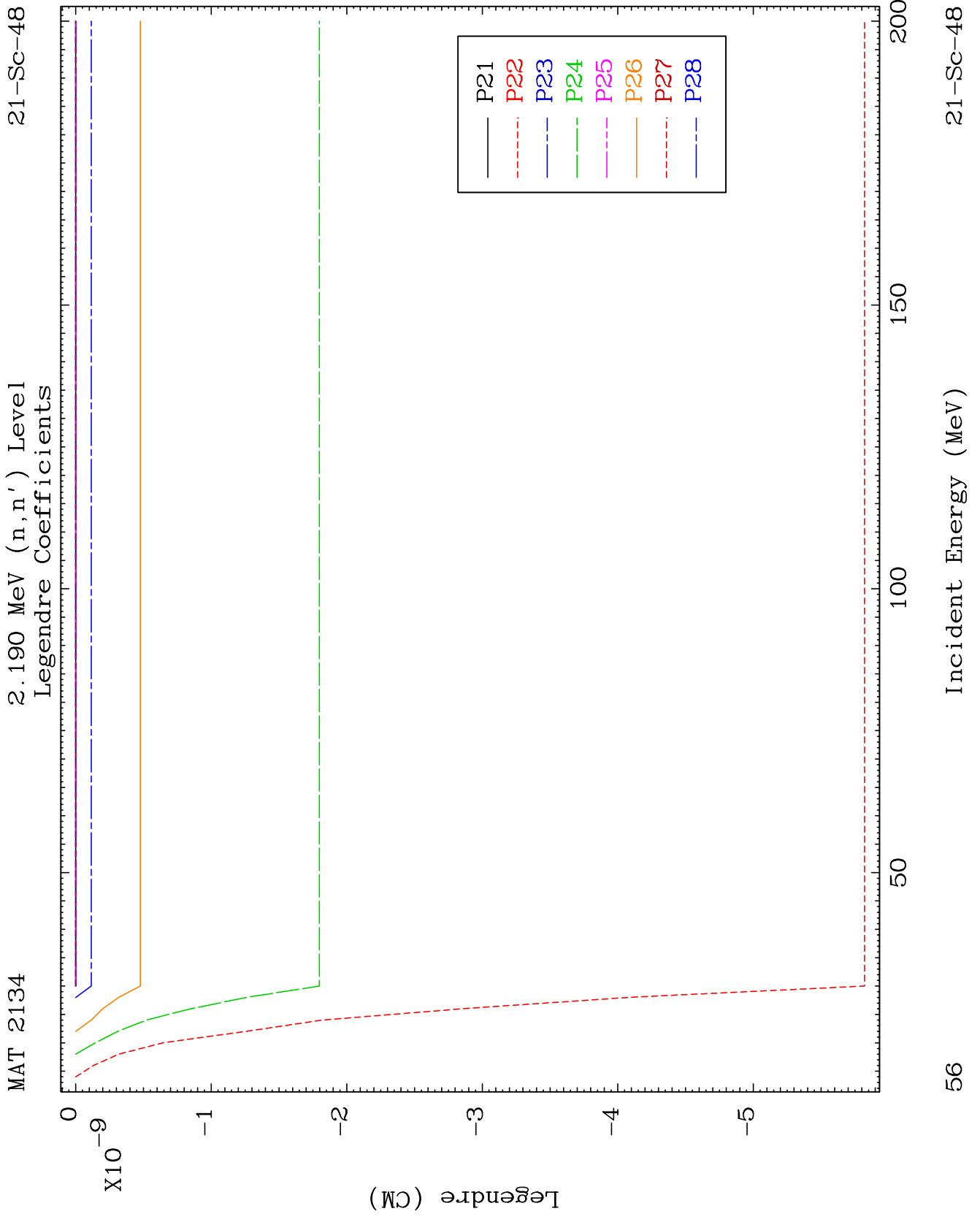
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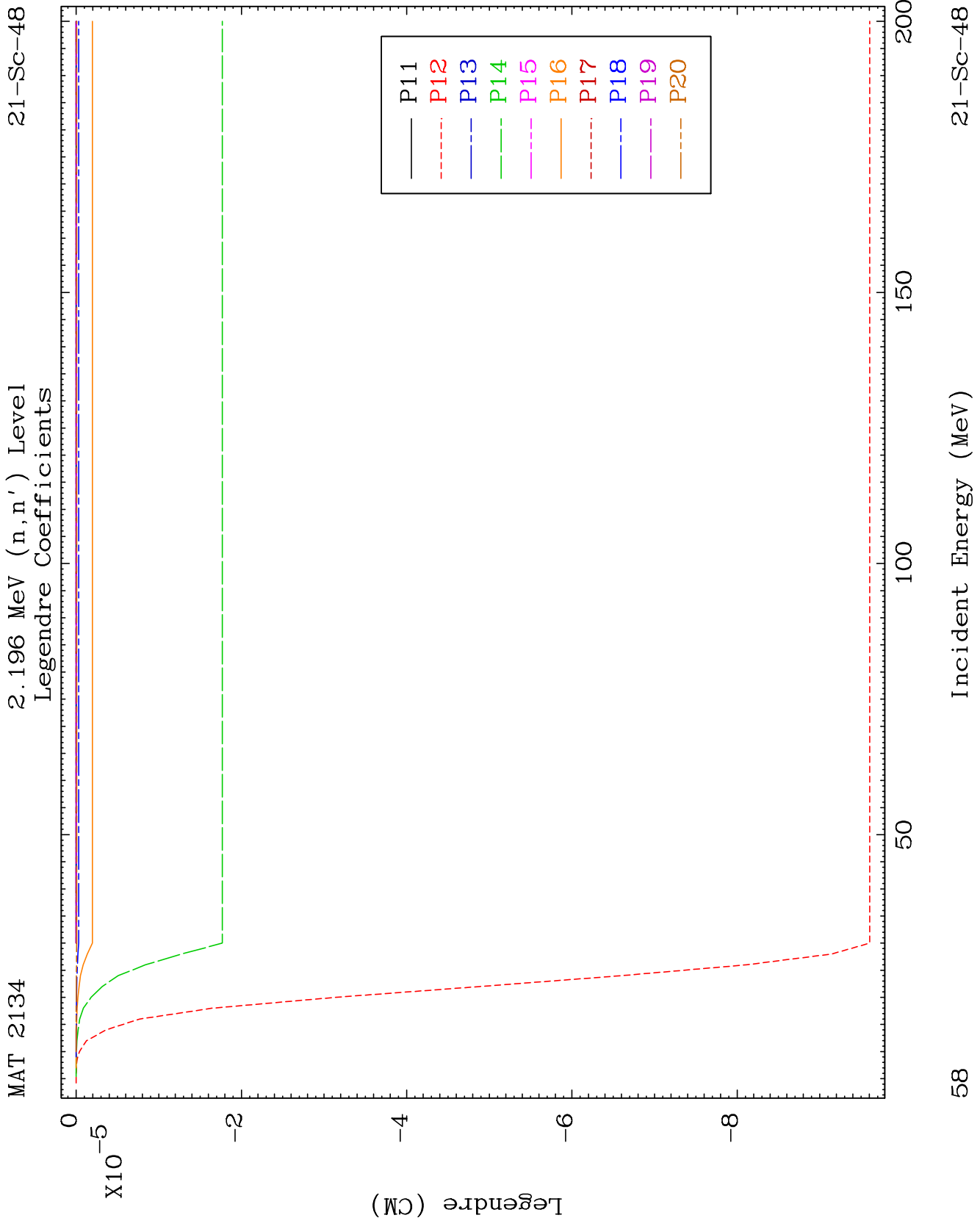


54

Incident Energy (MeV)

21-Sc-48

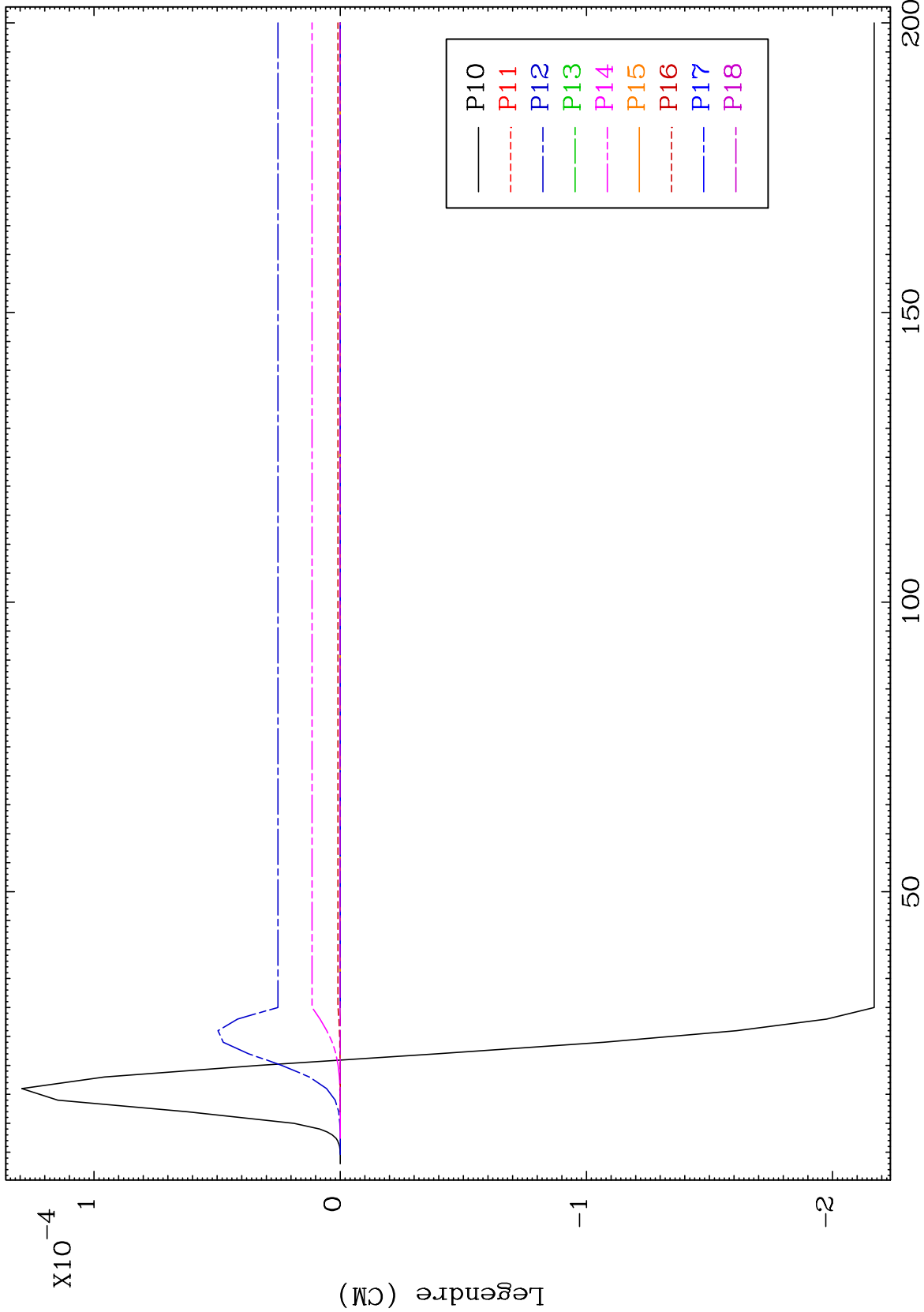




MAT 2134

2.200 MeV (n,n') Level
Legendre Coefficients

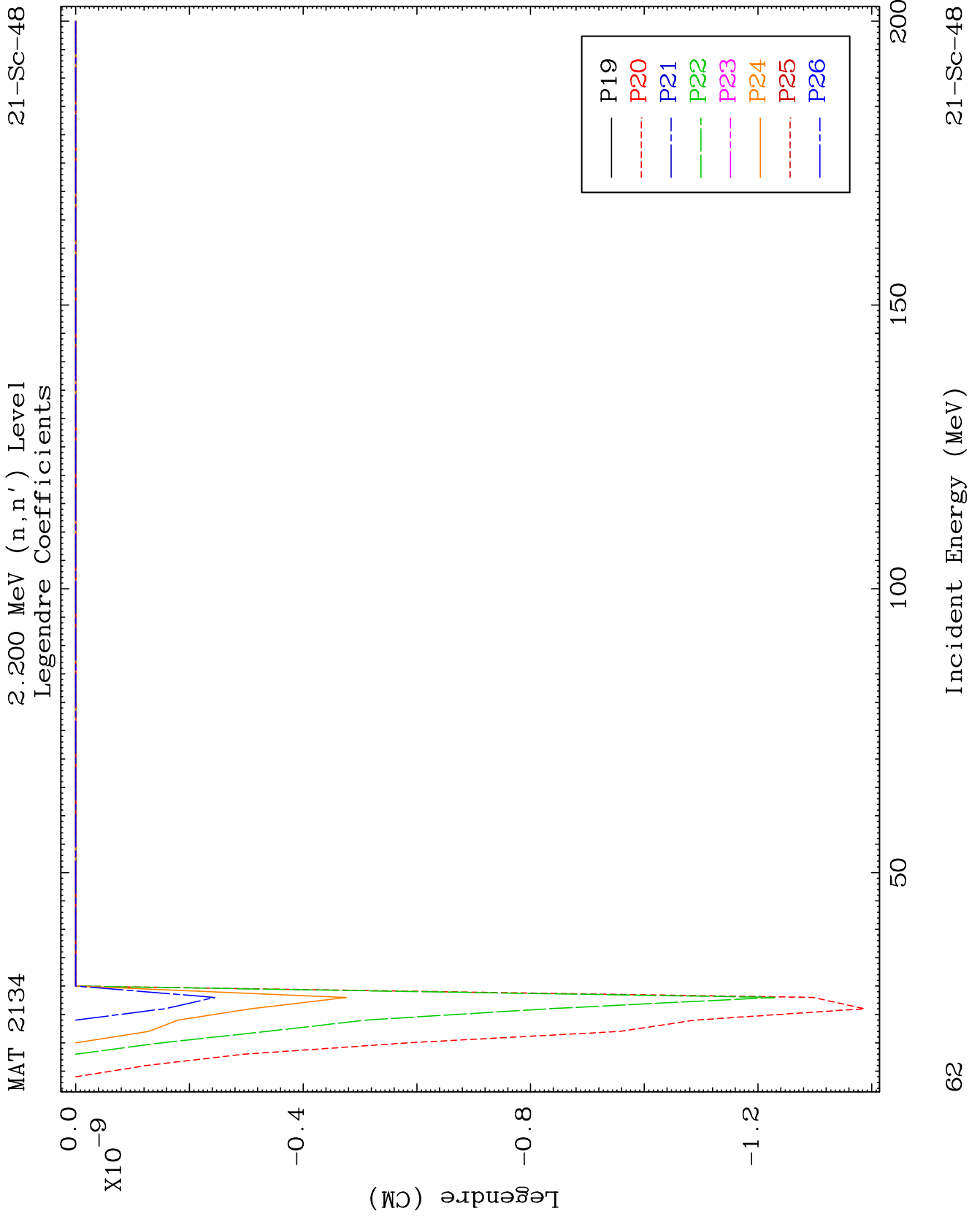
21-Sc-48



61

Incident Energy (MeV)

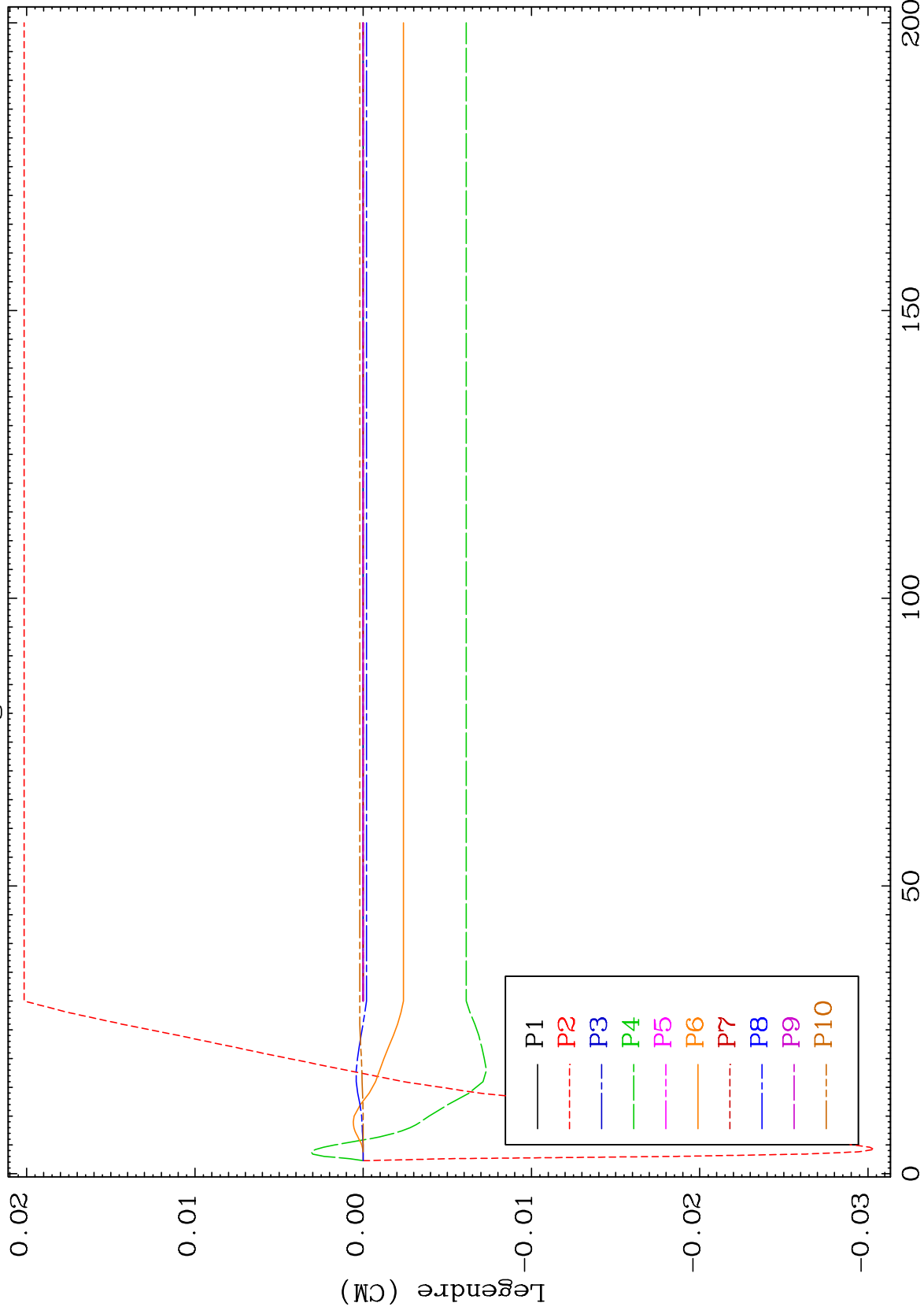
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MAT 2134

2.202 MeV (n,n') Level
Legendre Coefficients

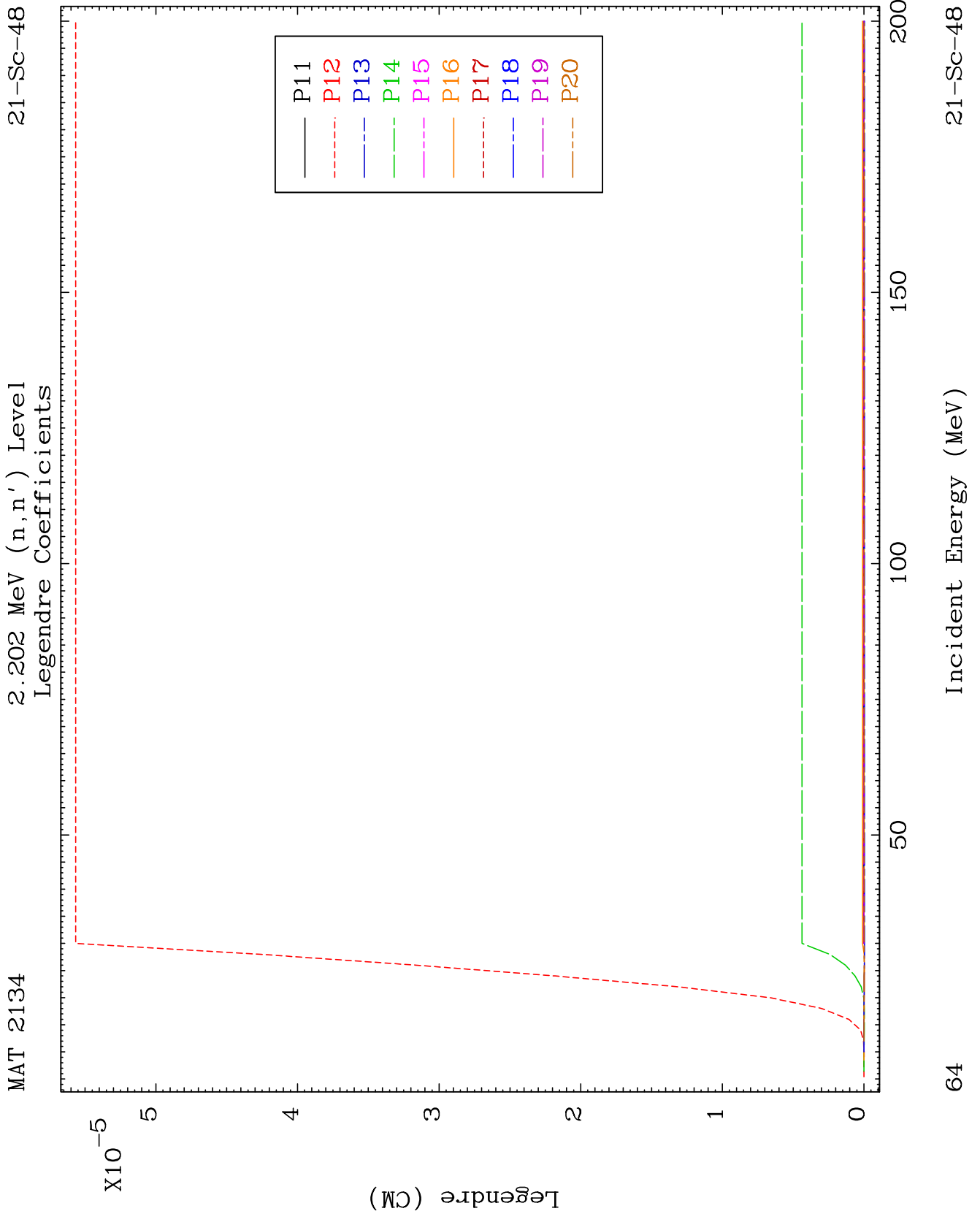
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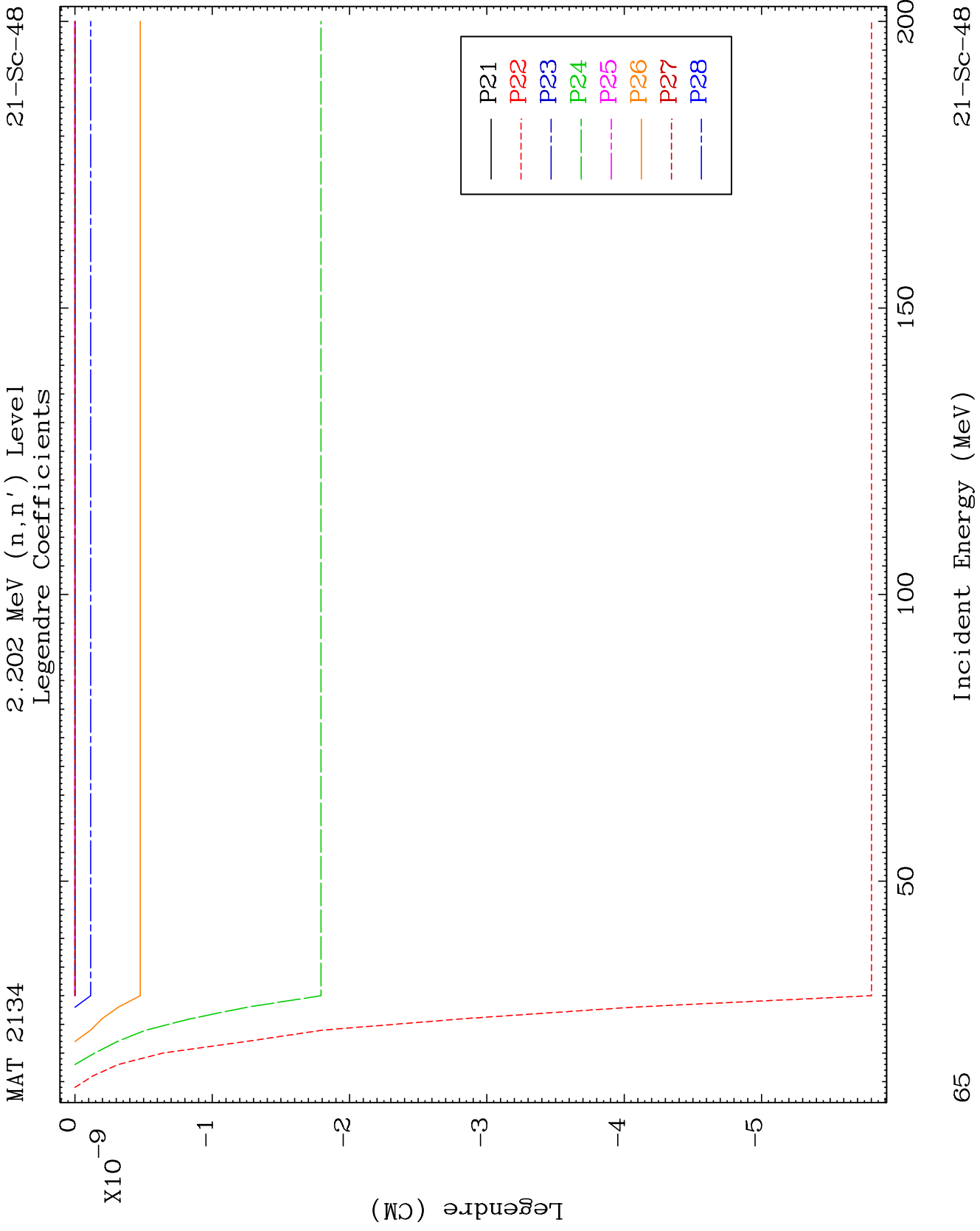


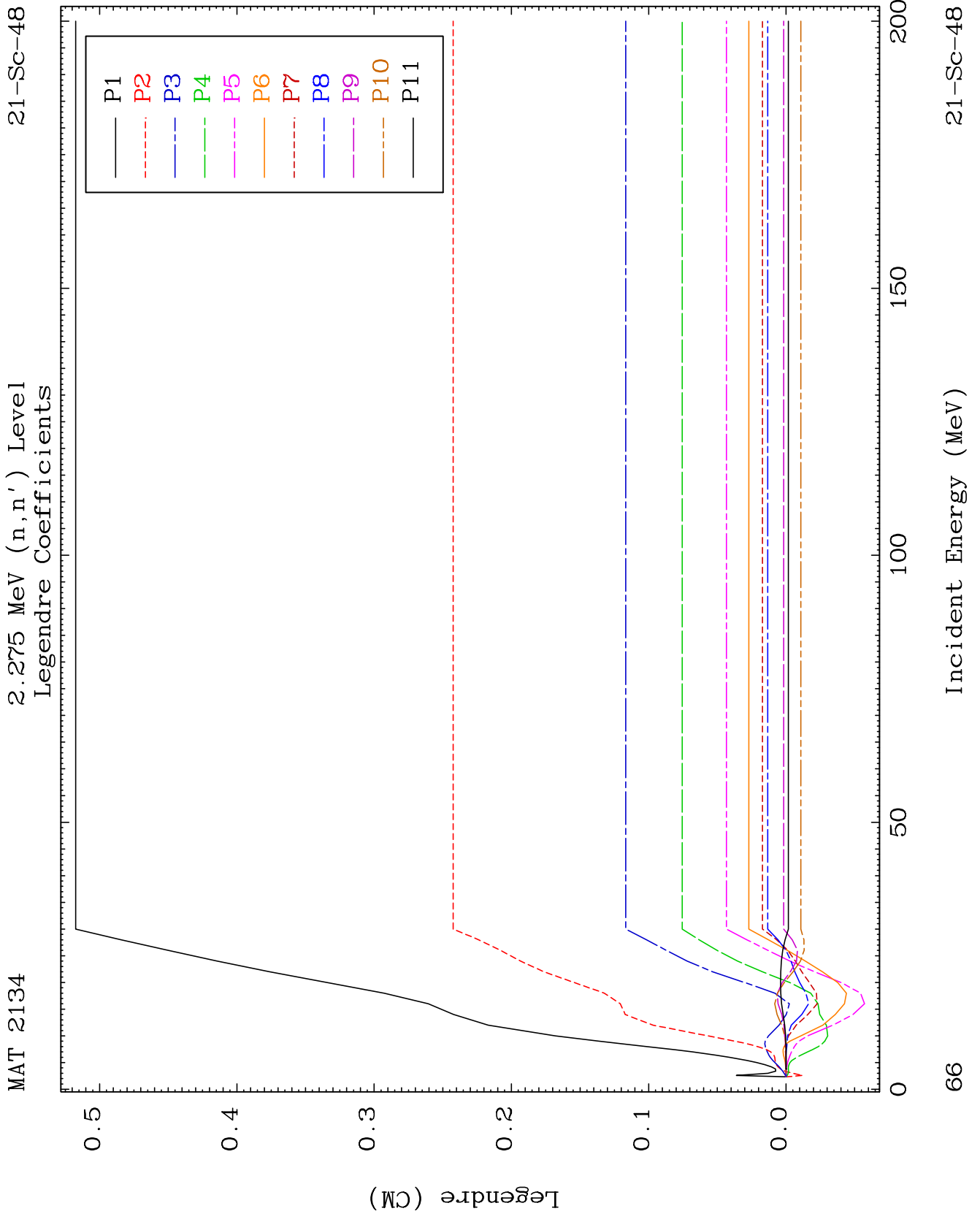
Incident Energy (MeV)

21-Sc-48

63



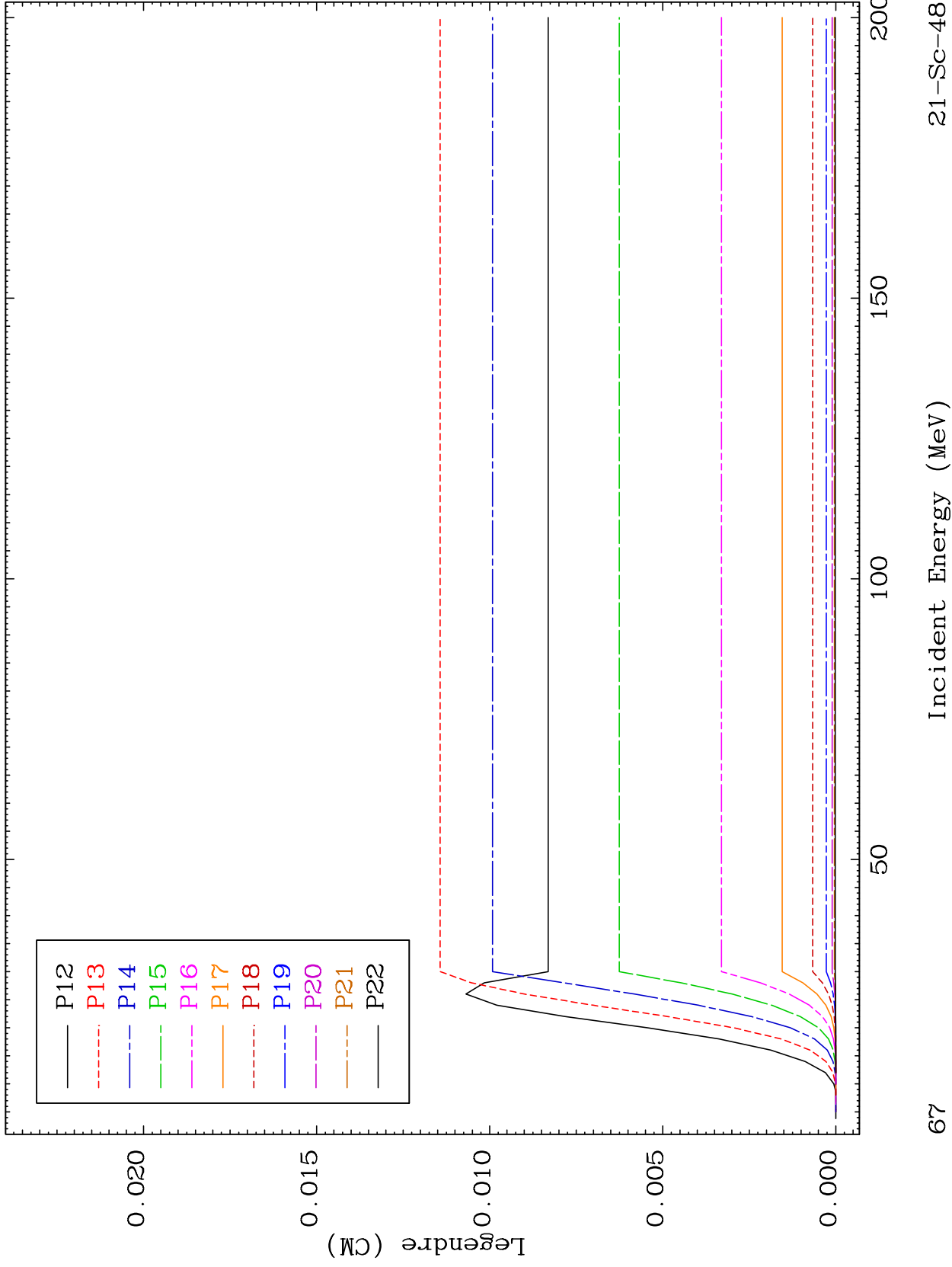




MAT 2134

2.275 MeV (n,n') Level
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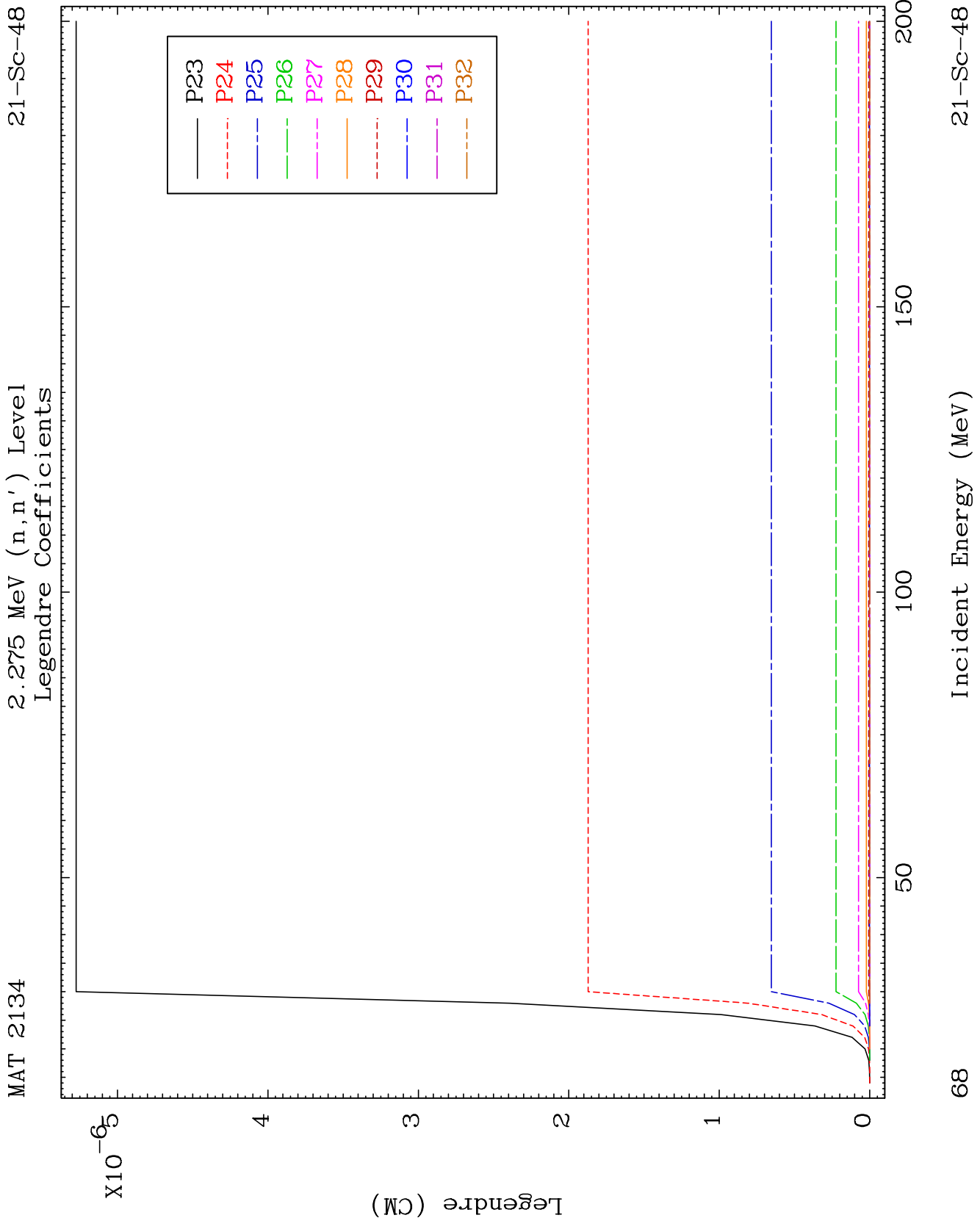
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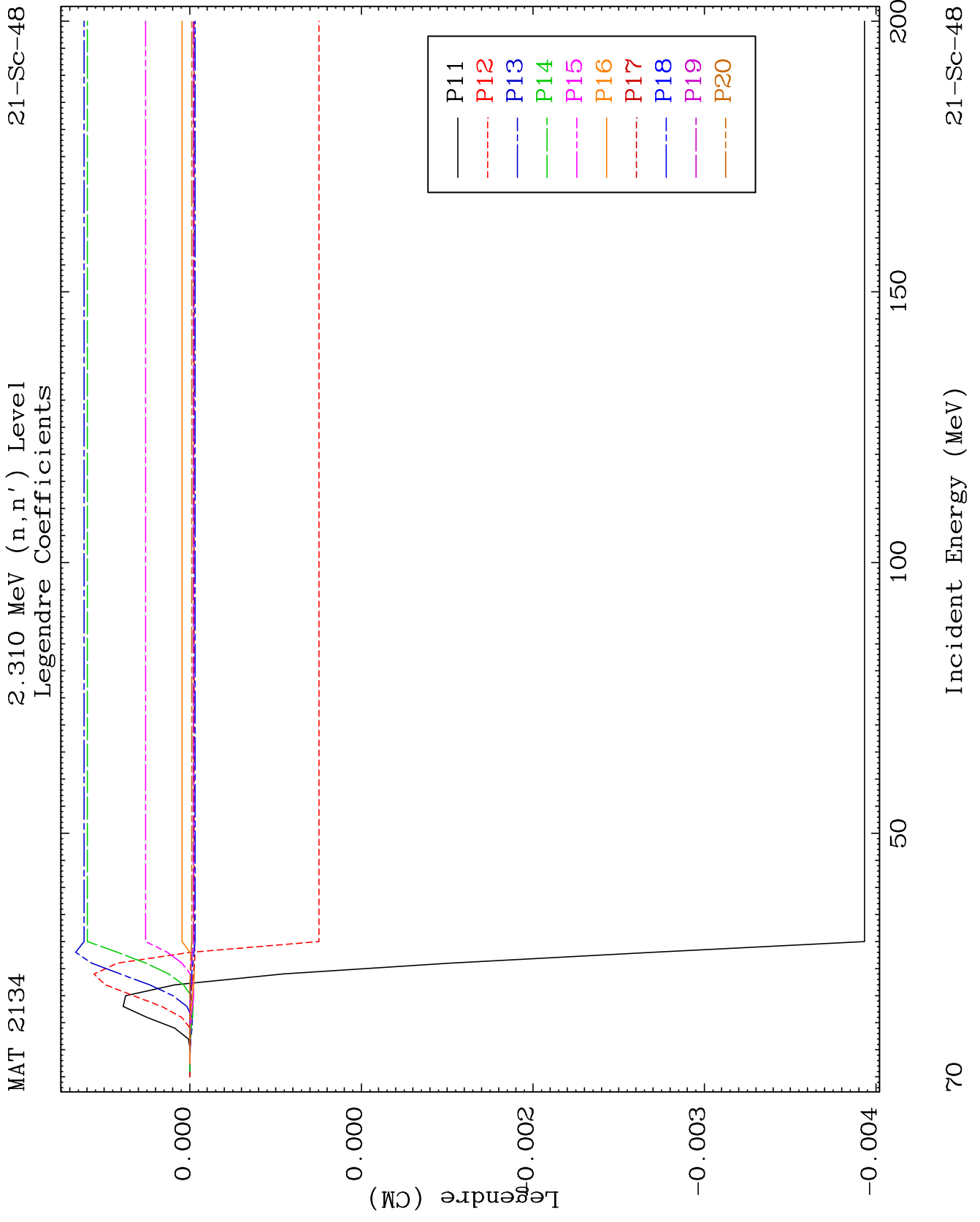


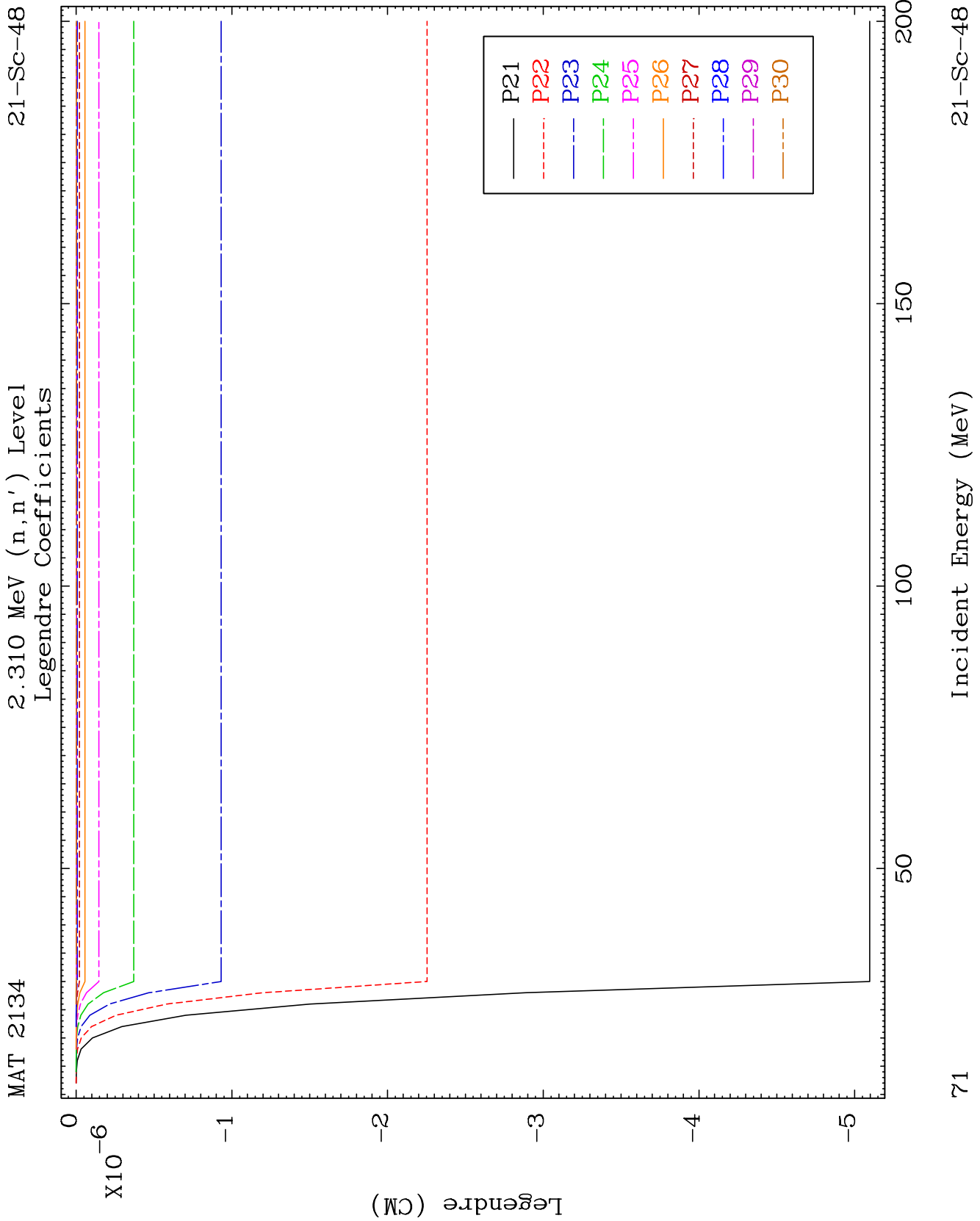
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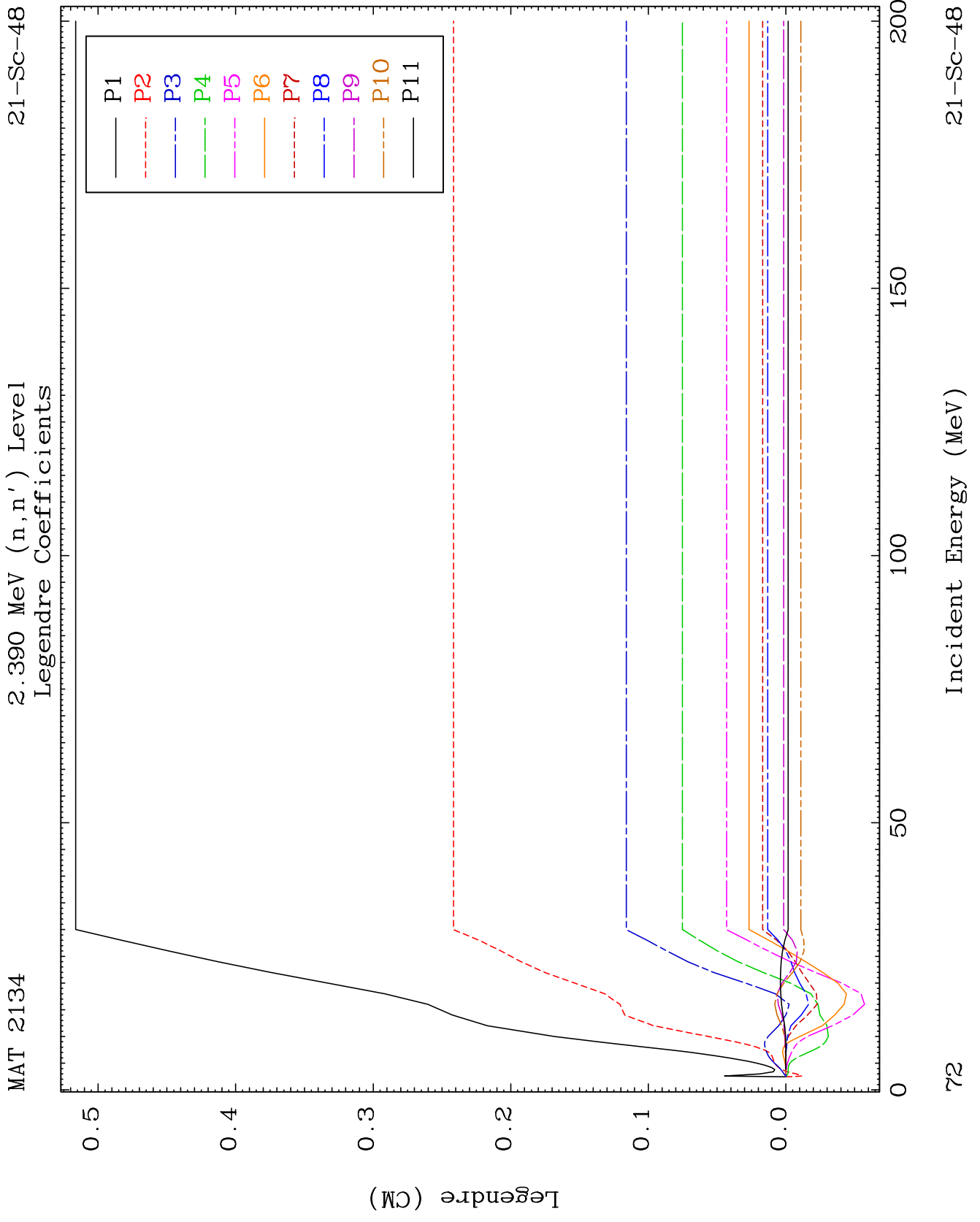
Incident Energy (MeV)

21-Sc-48





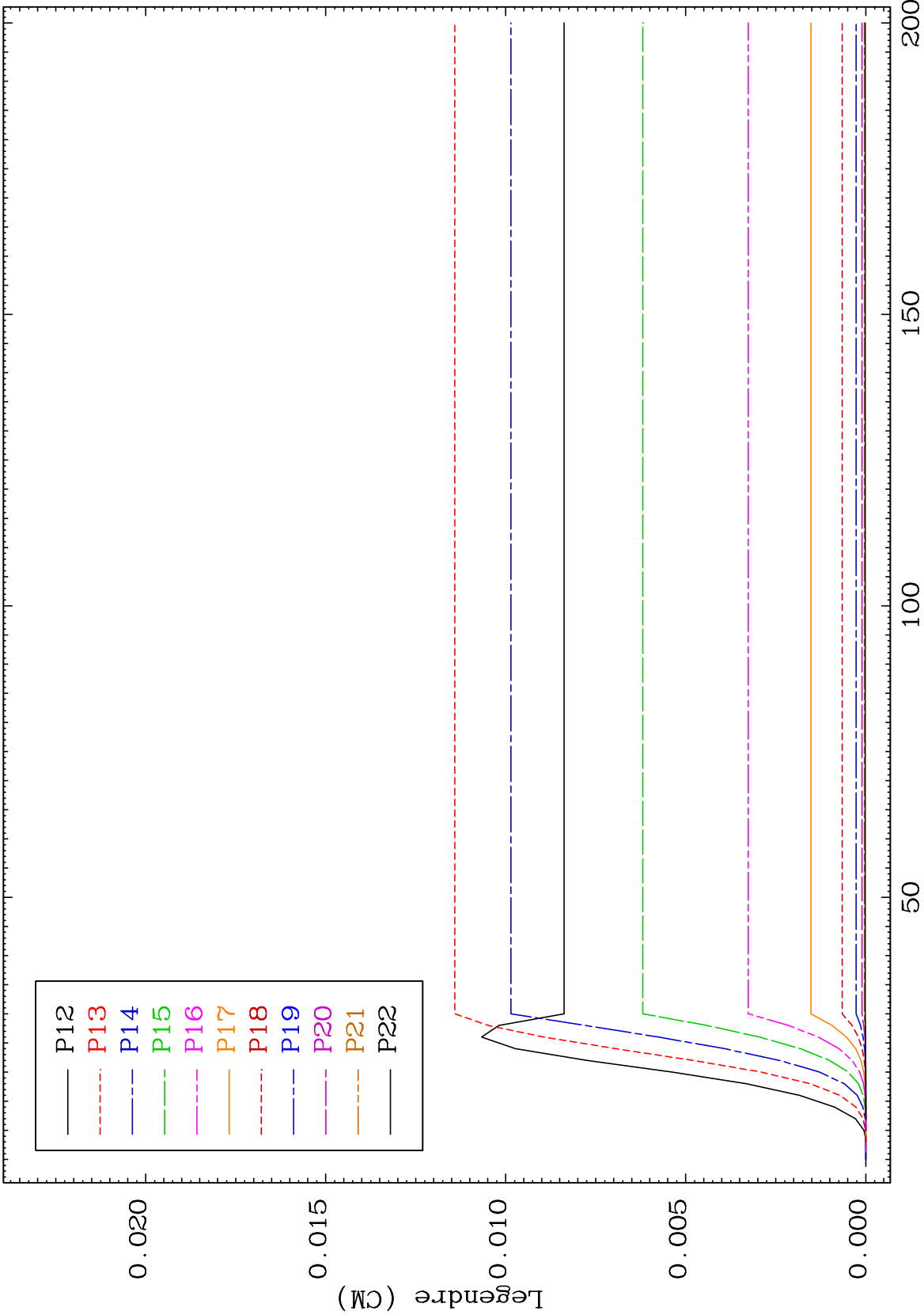




MAT 2134

2.390 MeV (n,n') Level
Legendre Coefficients

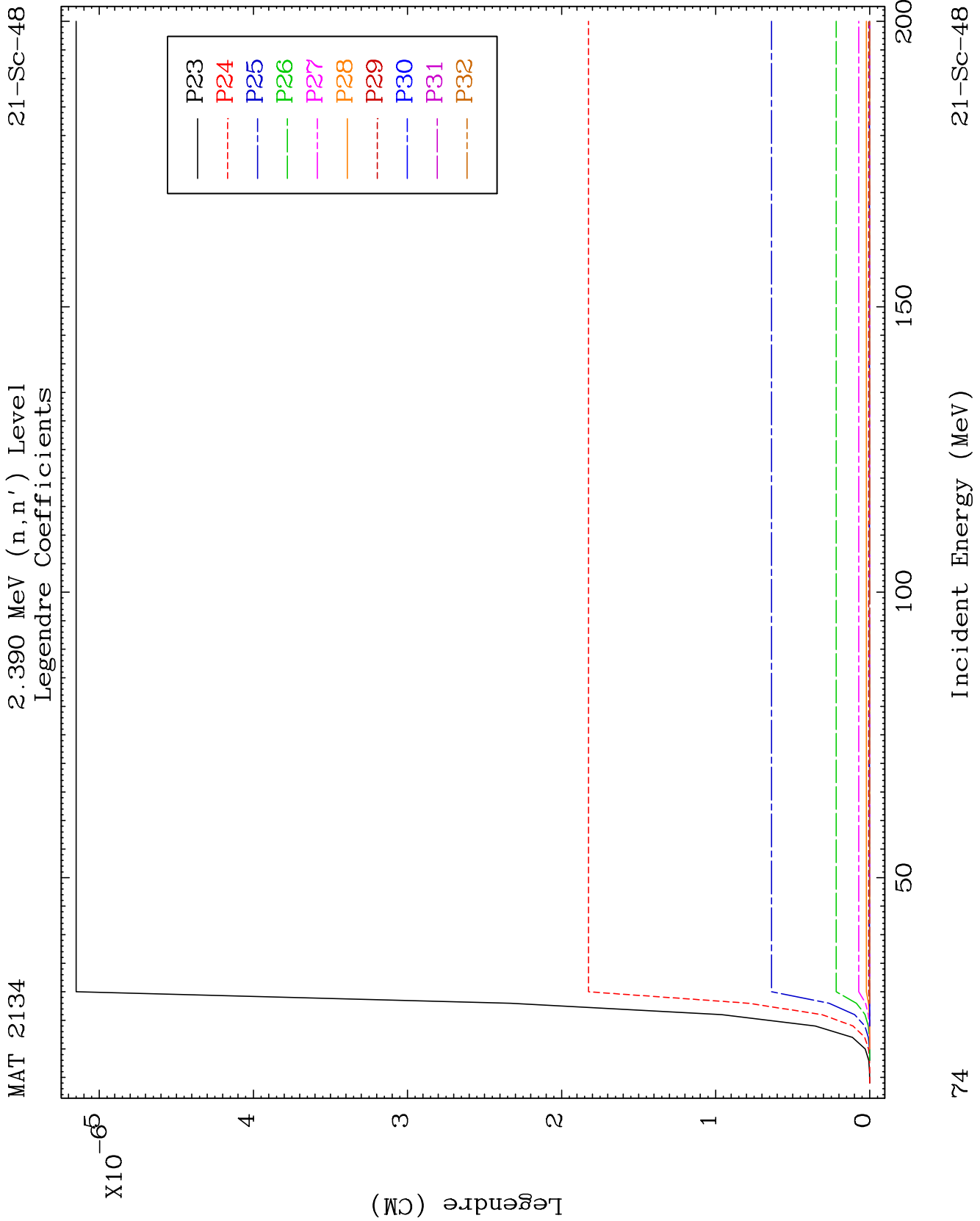
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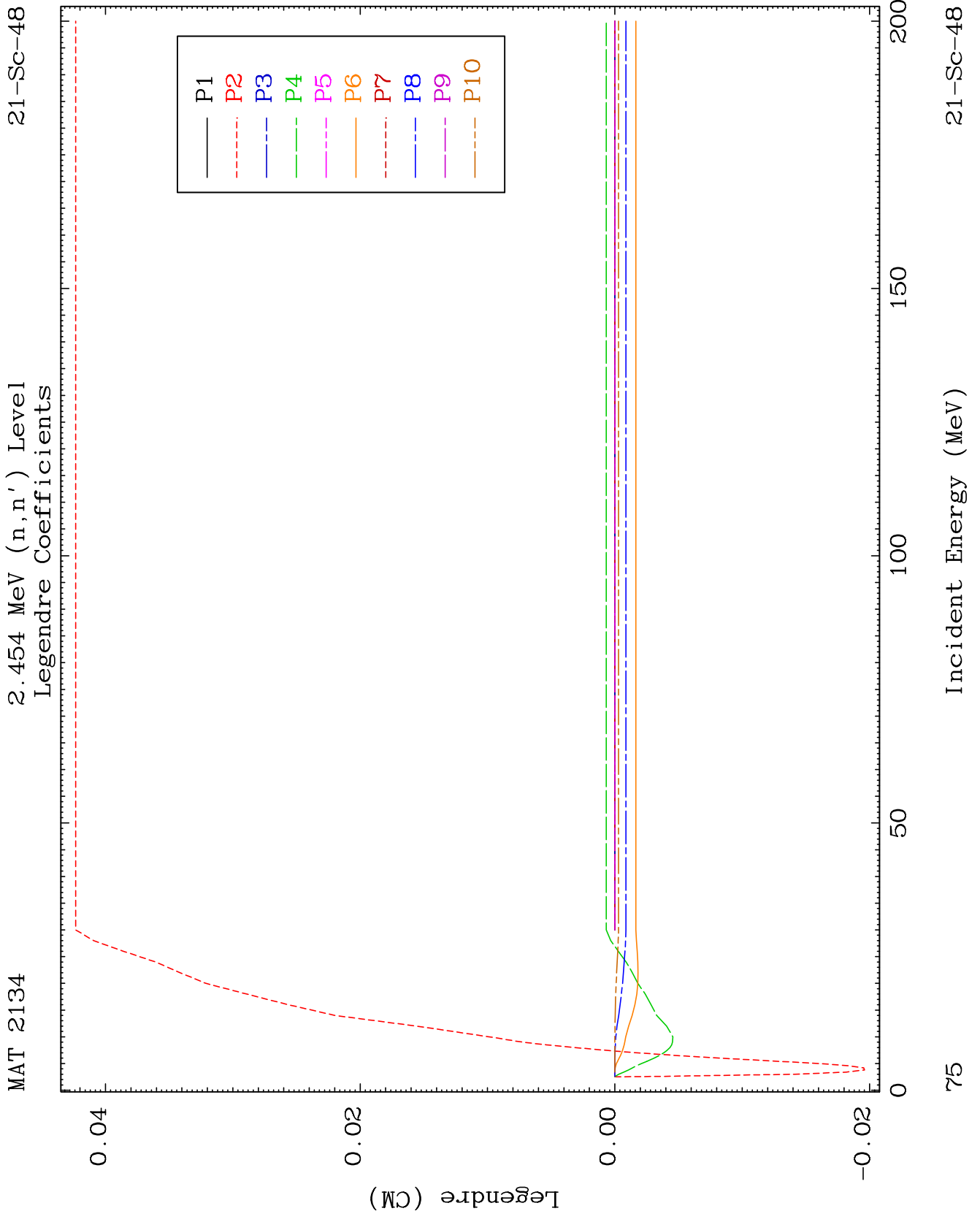


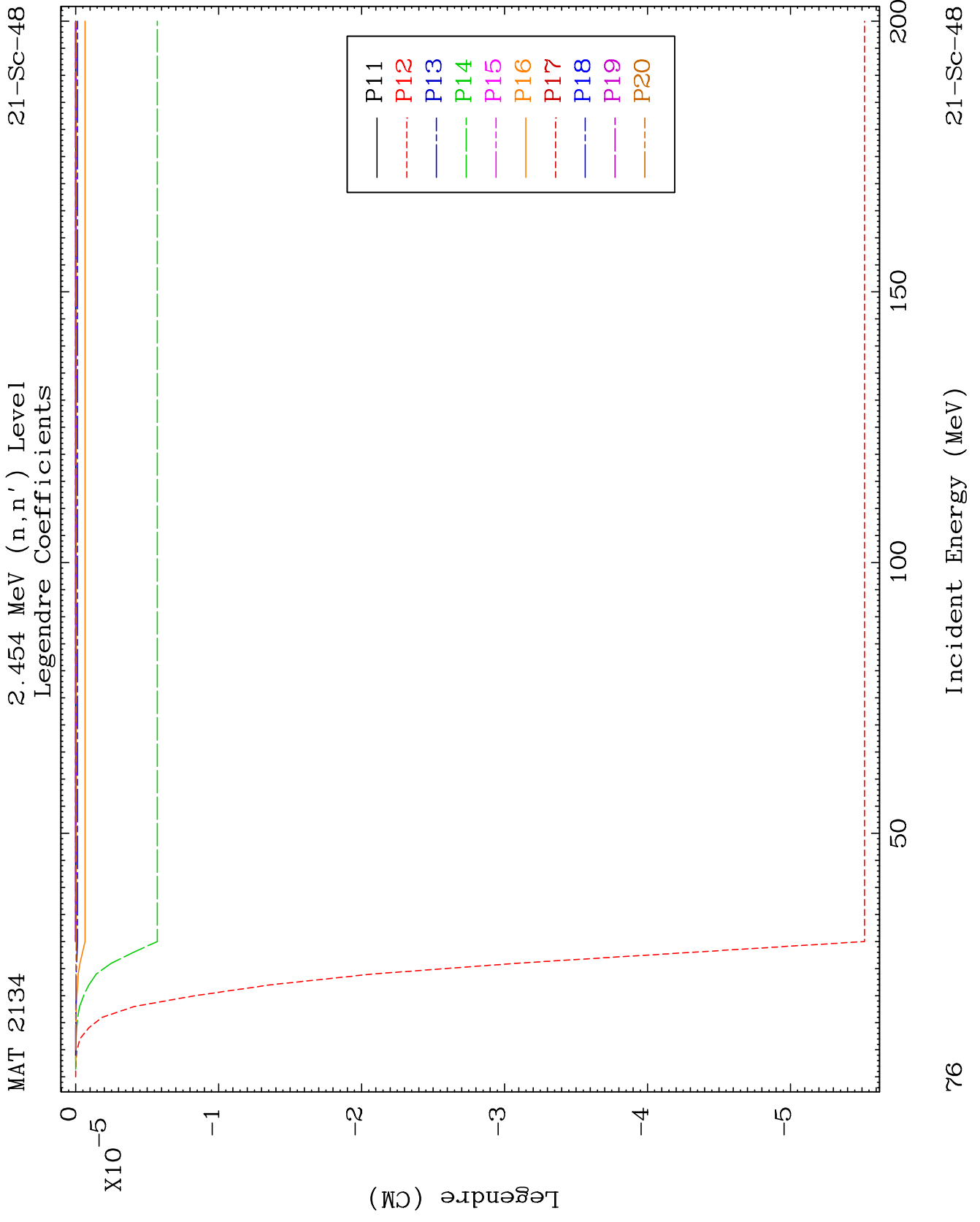
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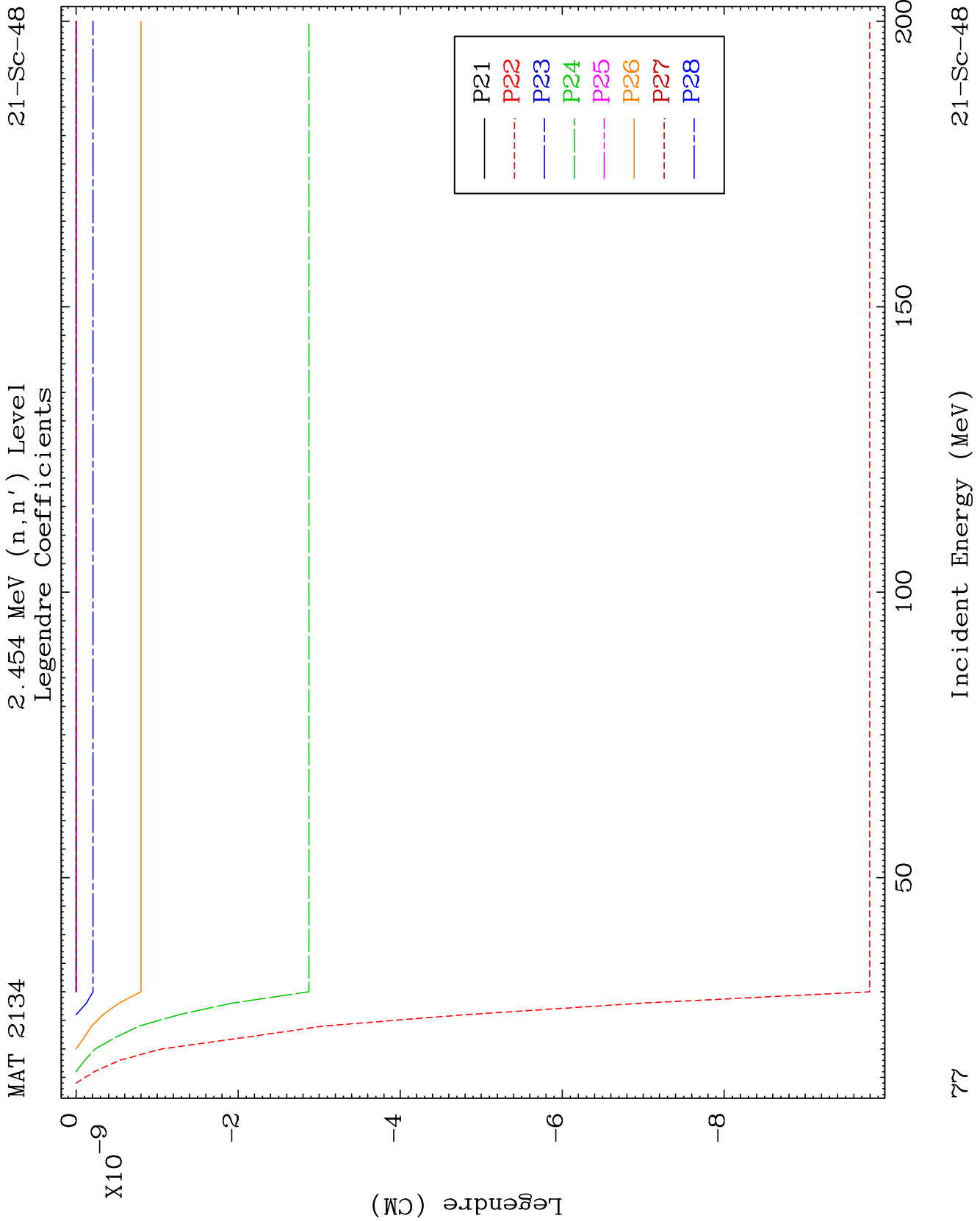
Incident Energy (MeV)

21-Sc-48





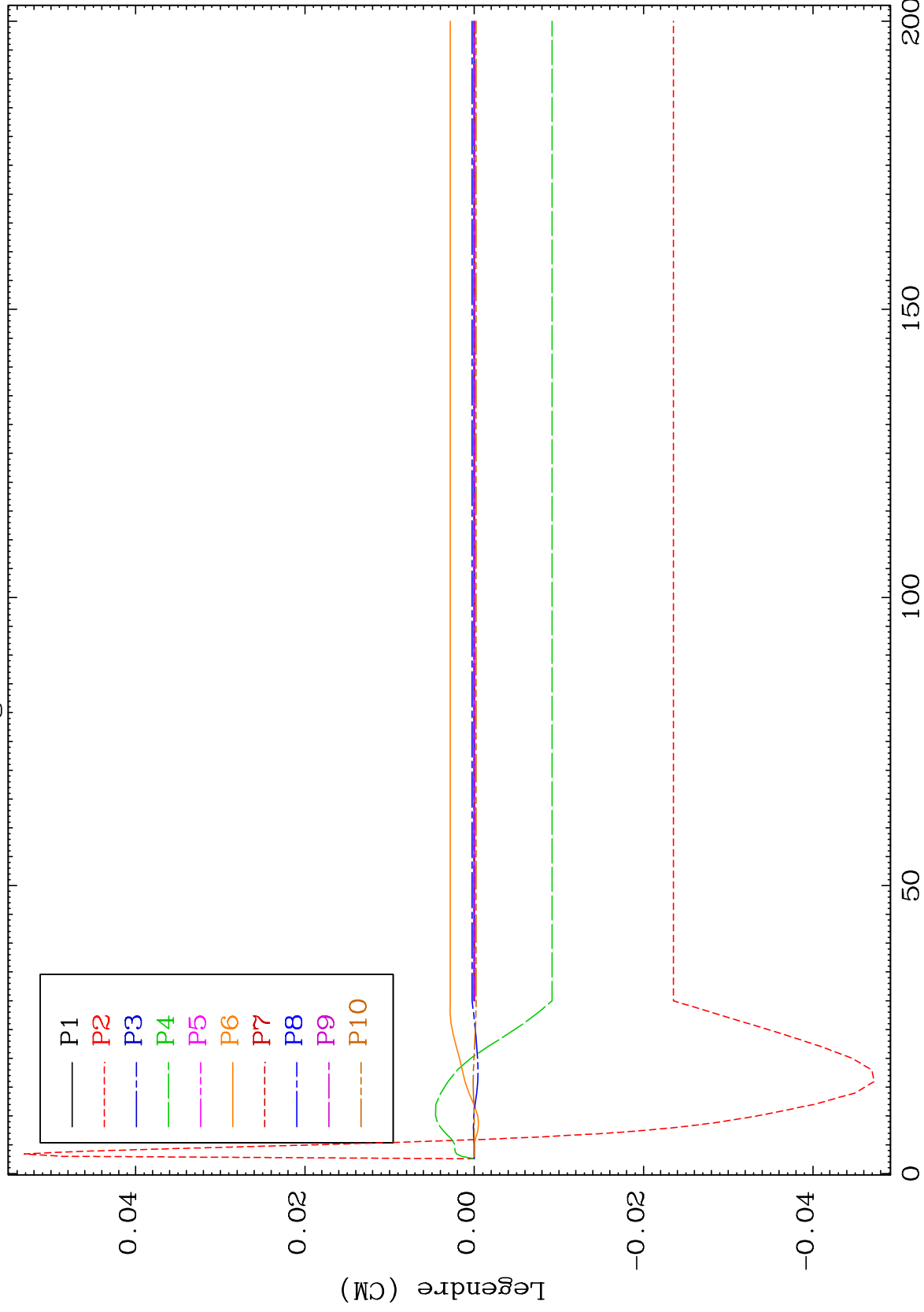




MAT 2134

2.517 MeV (n,n') Level
Legendre Coefficients

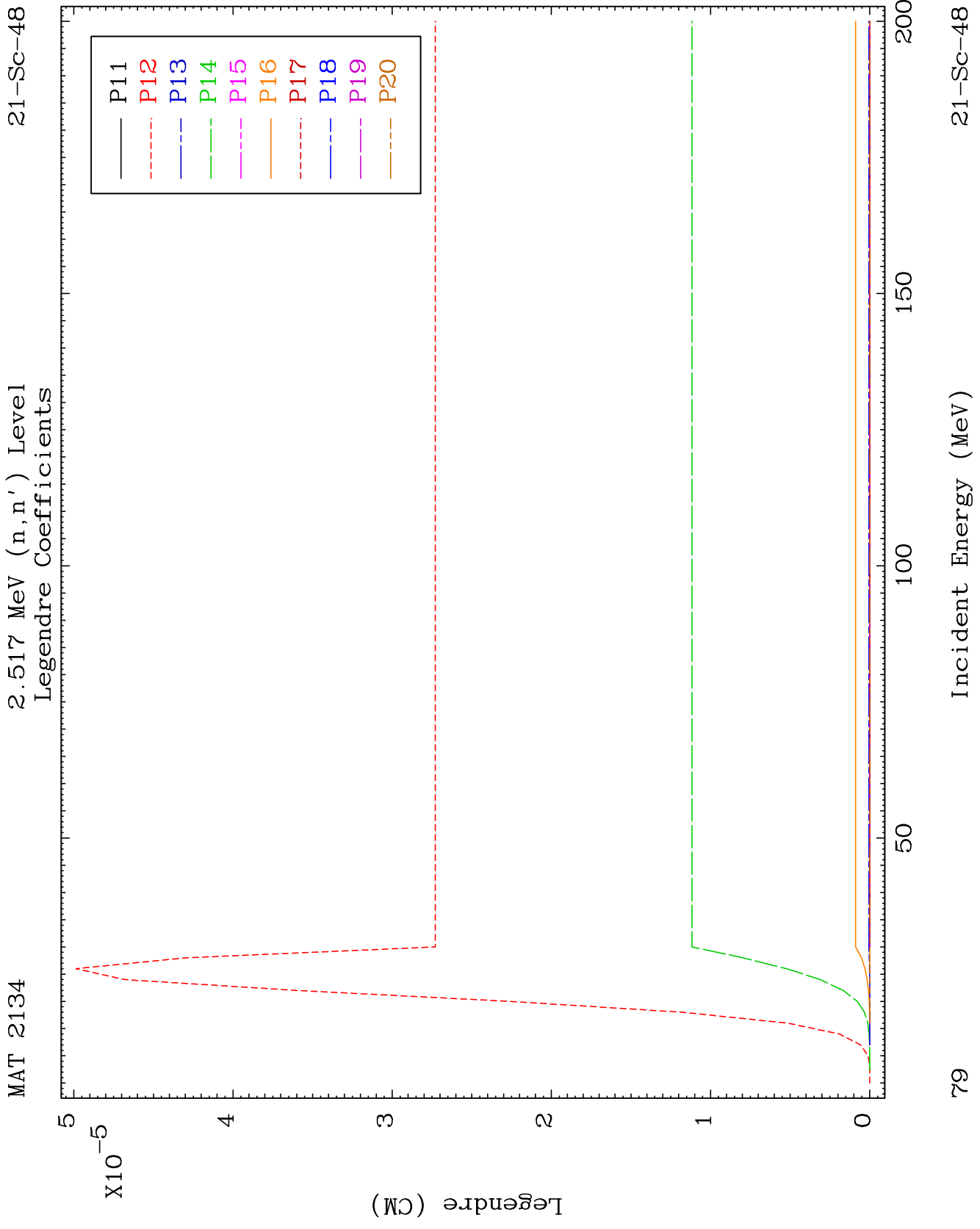
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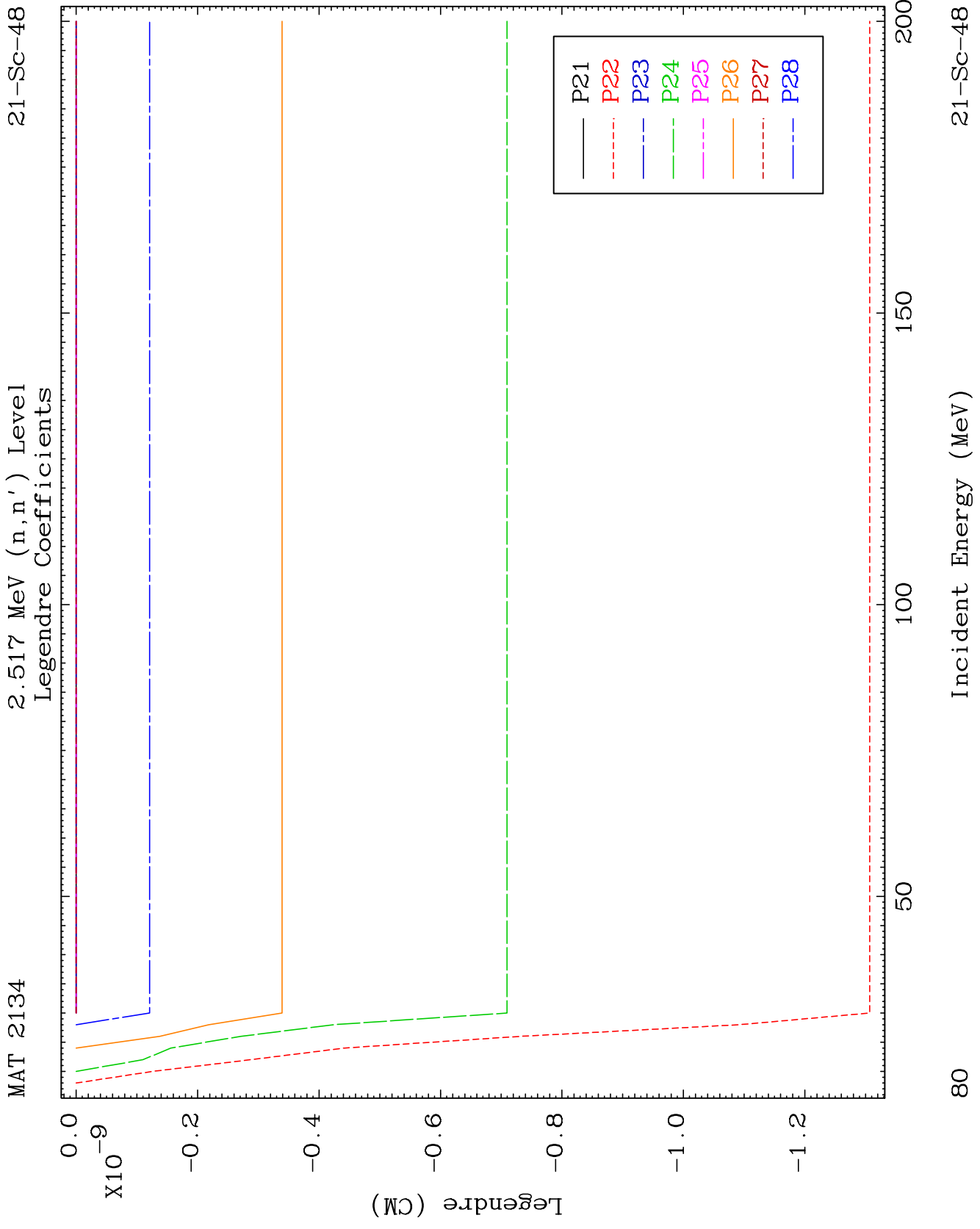


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Incident Energy (MeV)

78

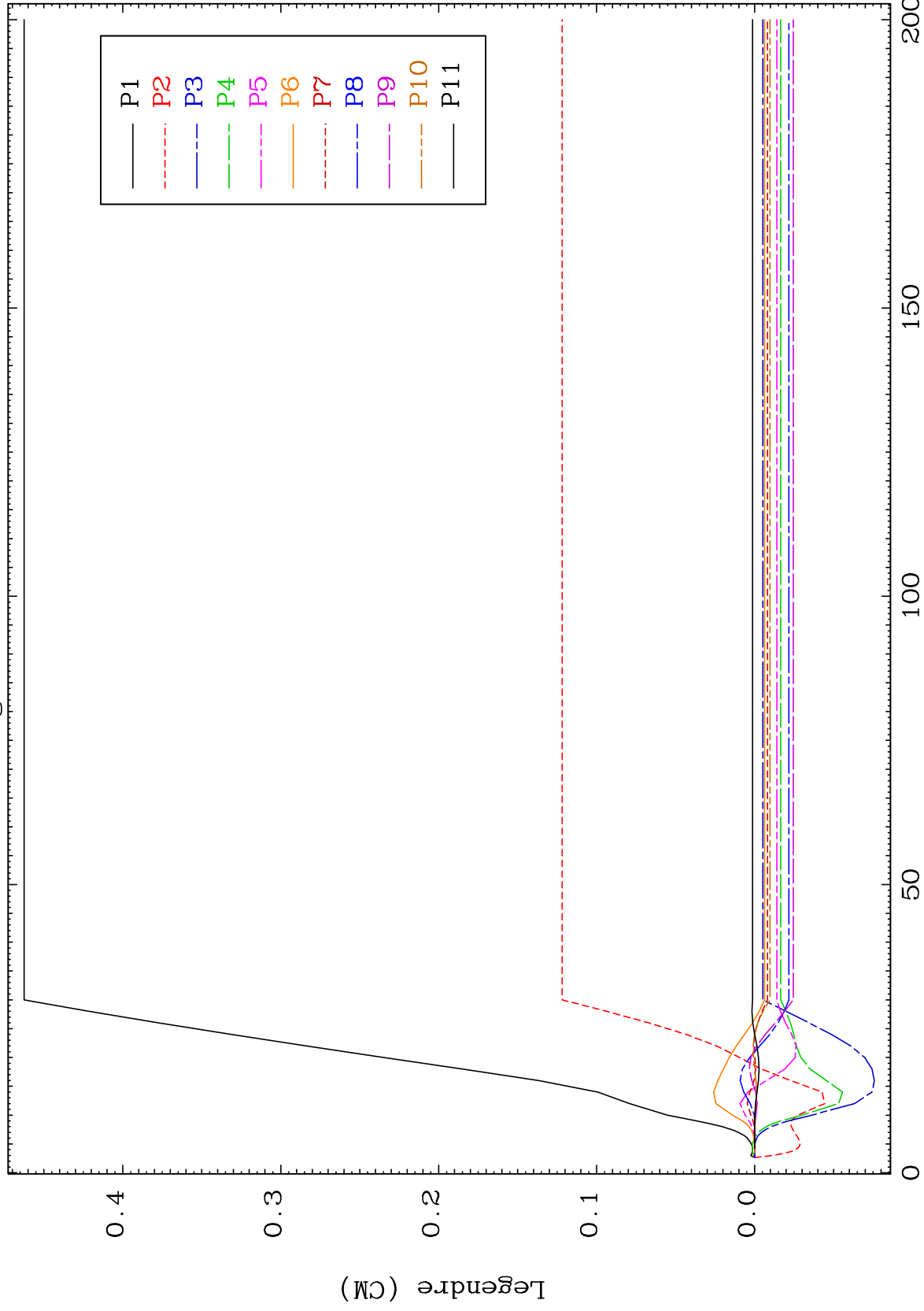




MAT 2134

2.560 MeV (n,n') Level
Legendre Coefficients

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81

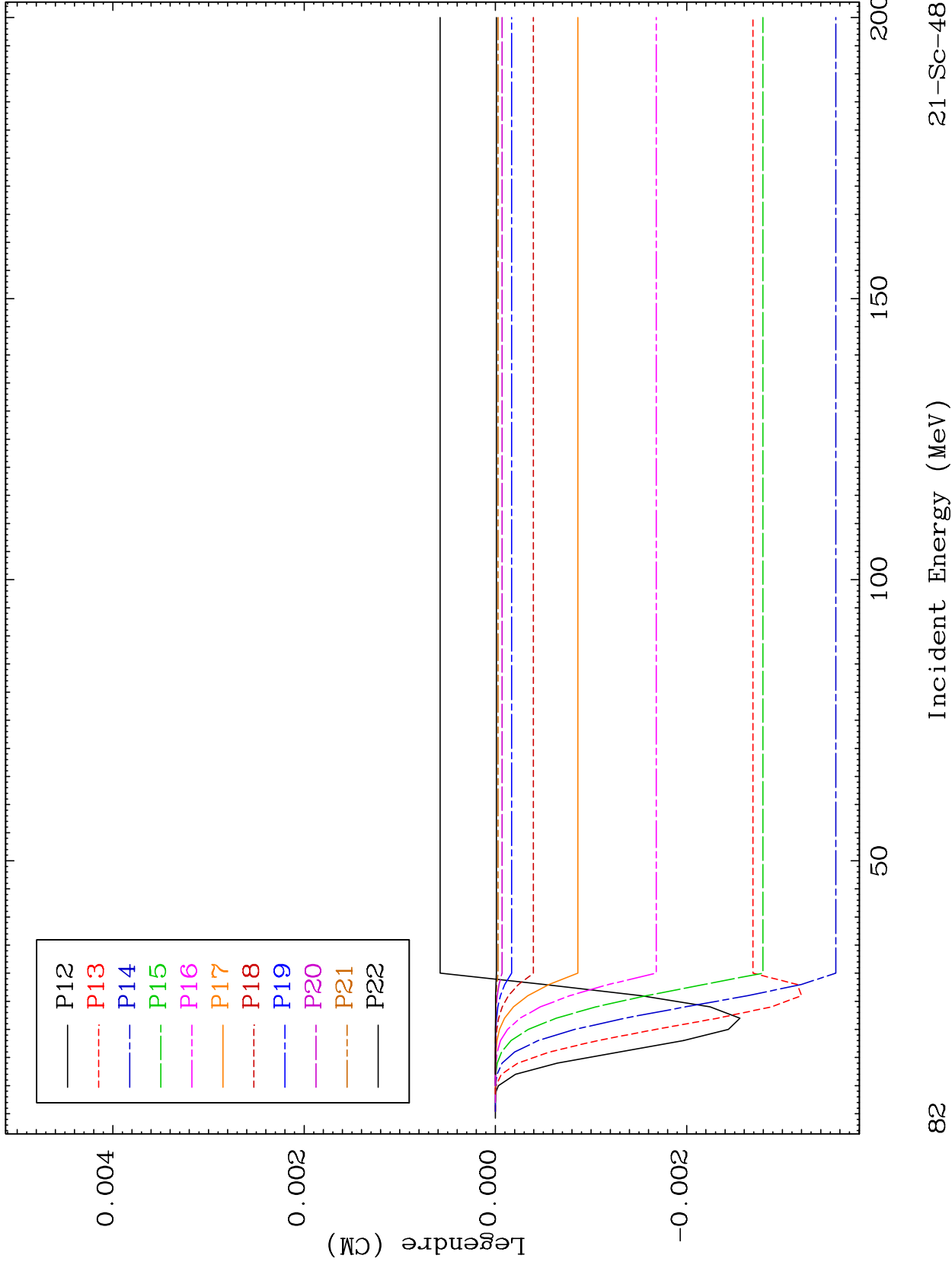
Incident Energy (MeV)

21-Sc-48

MAT 2134

2.560 MeV (n,n') Level
Legendre Coefficients

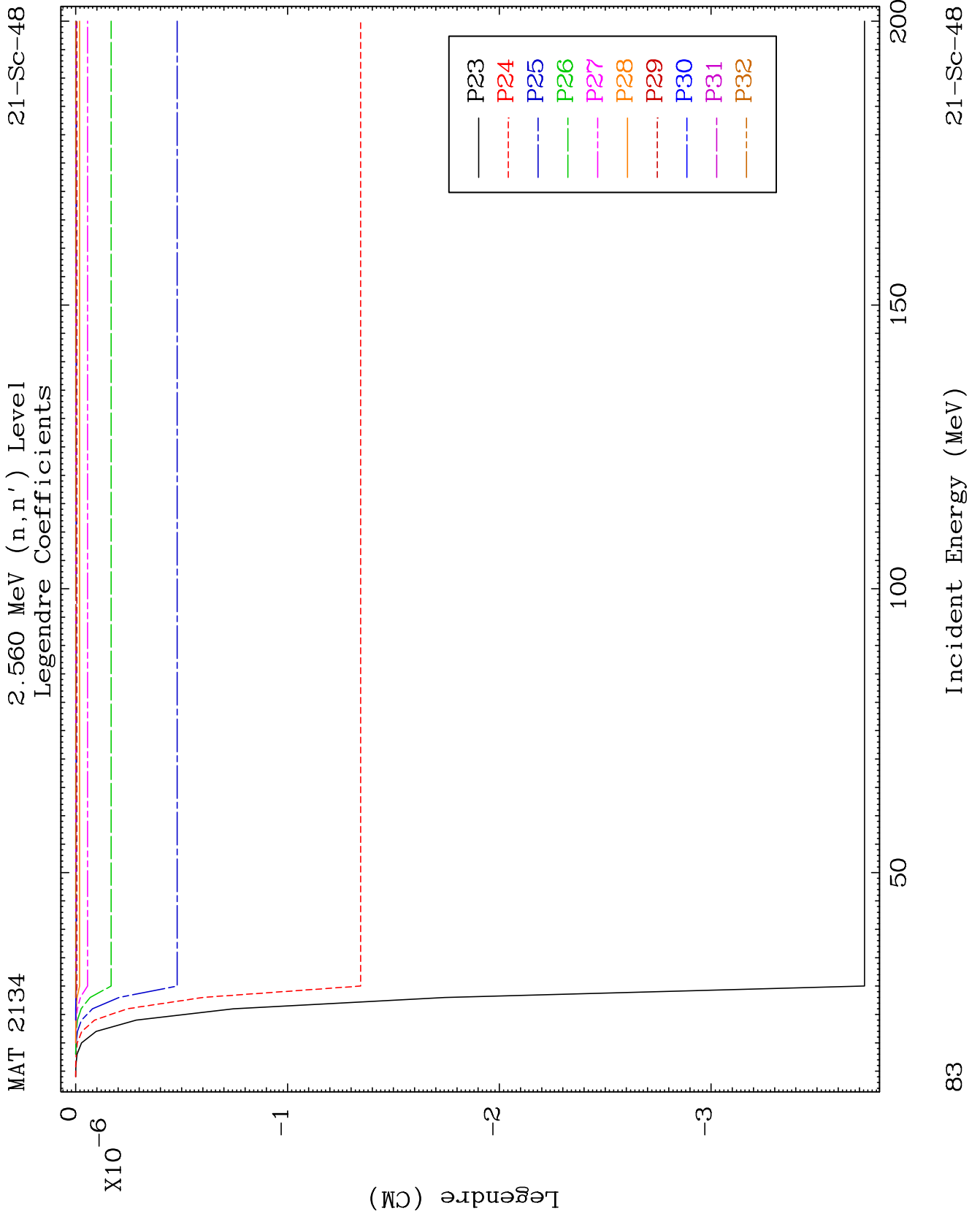
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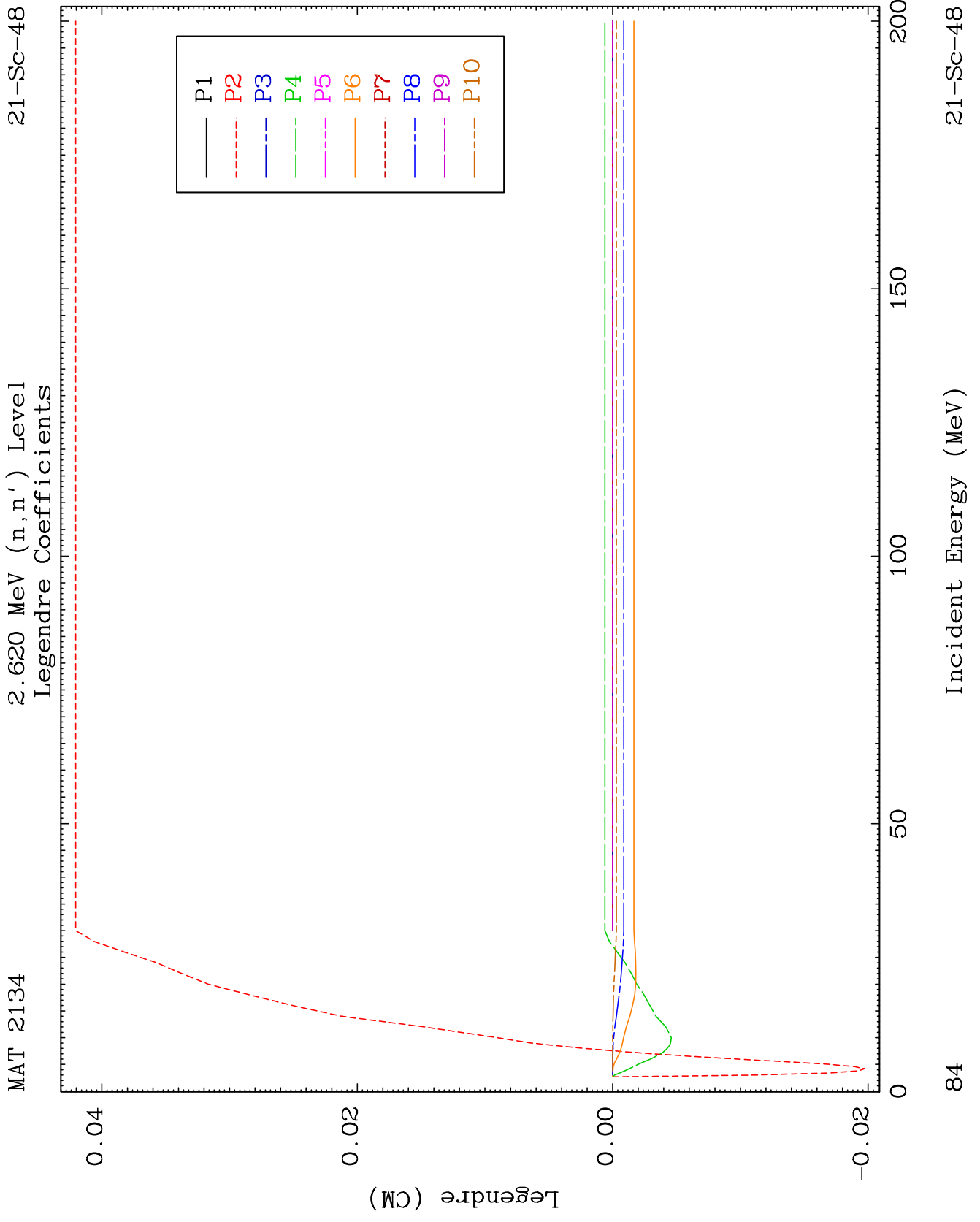


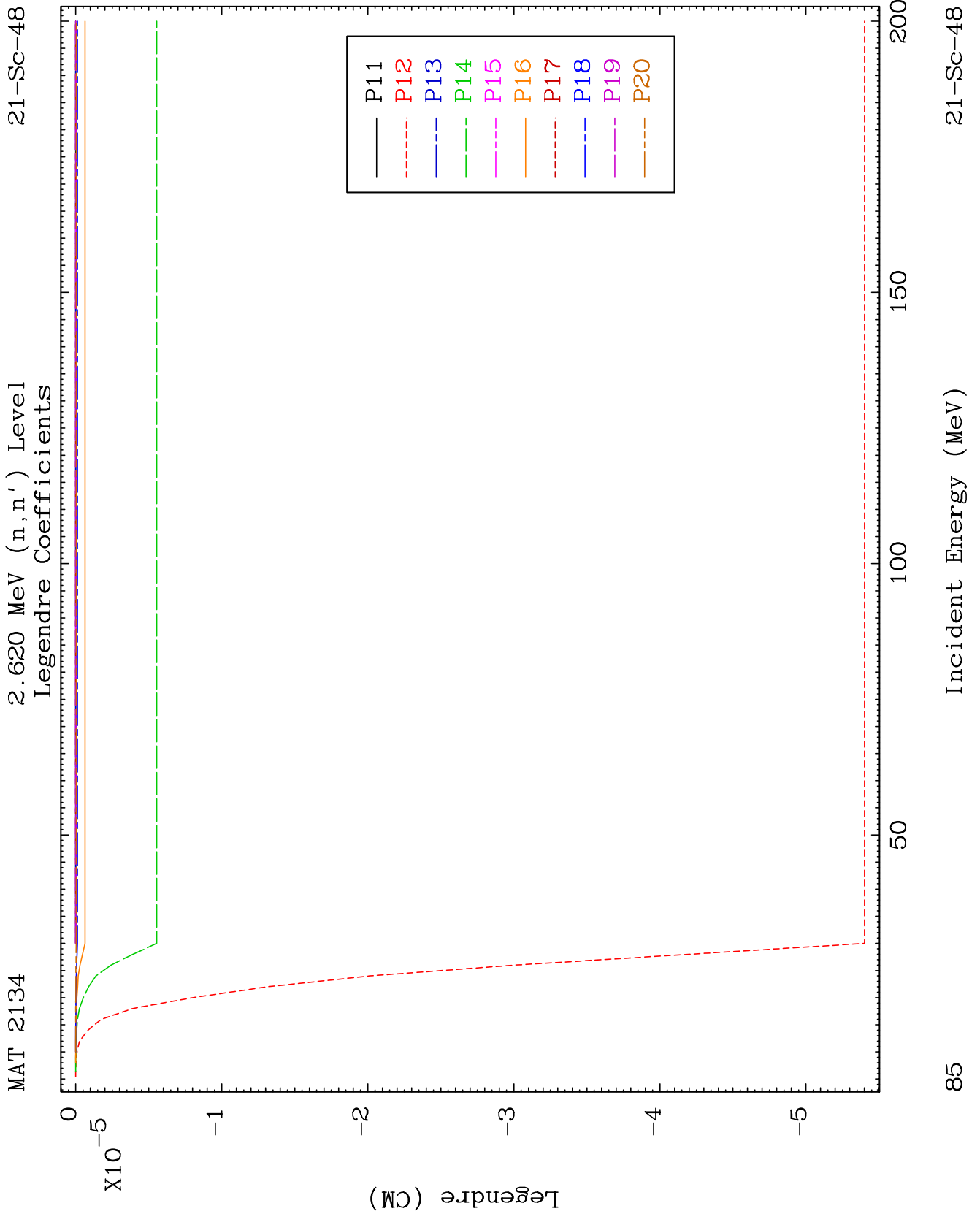
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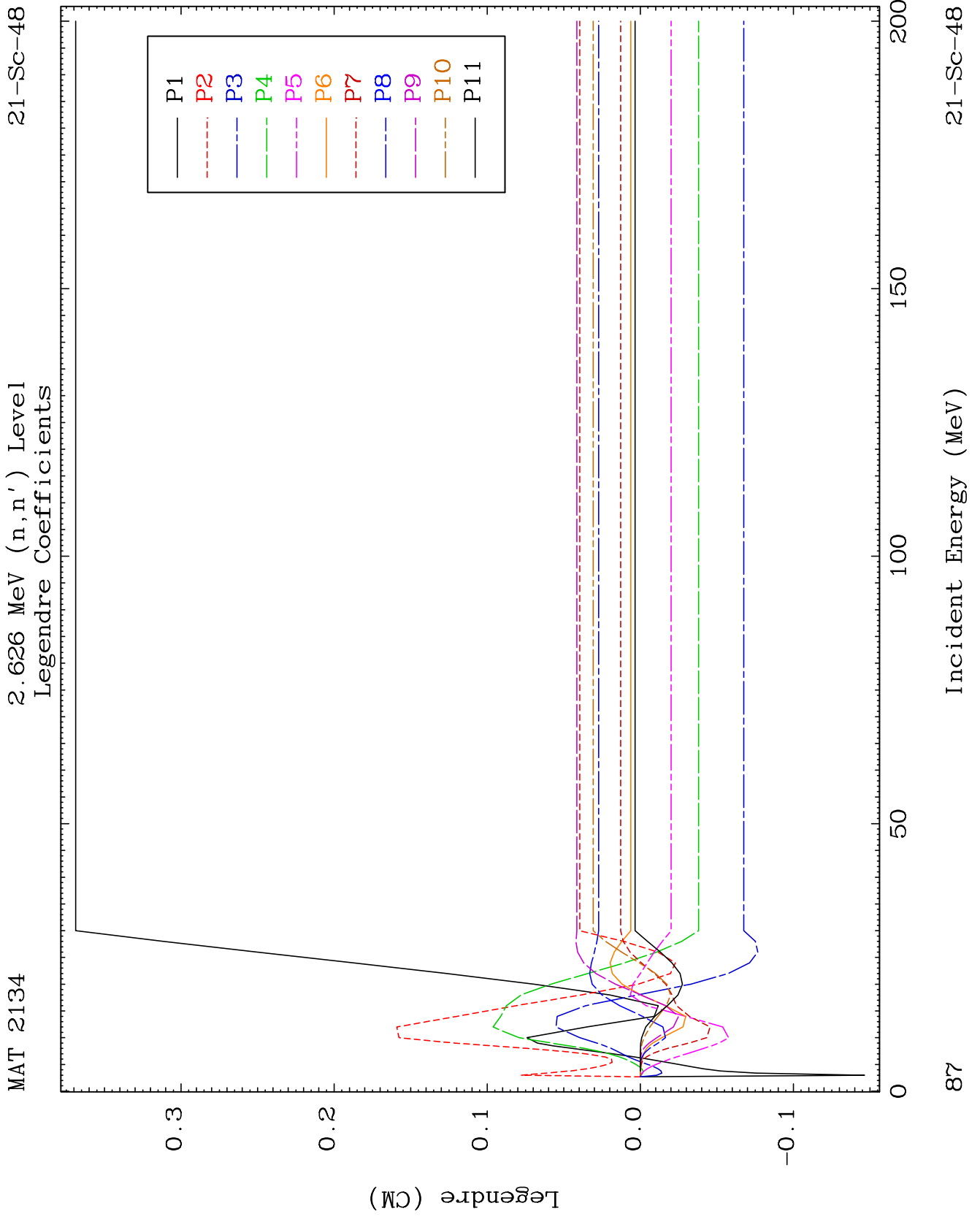
Incident Energy (MeV)

21-Sc-48





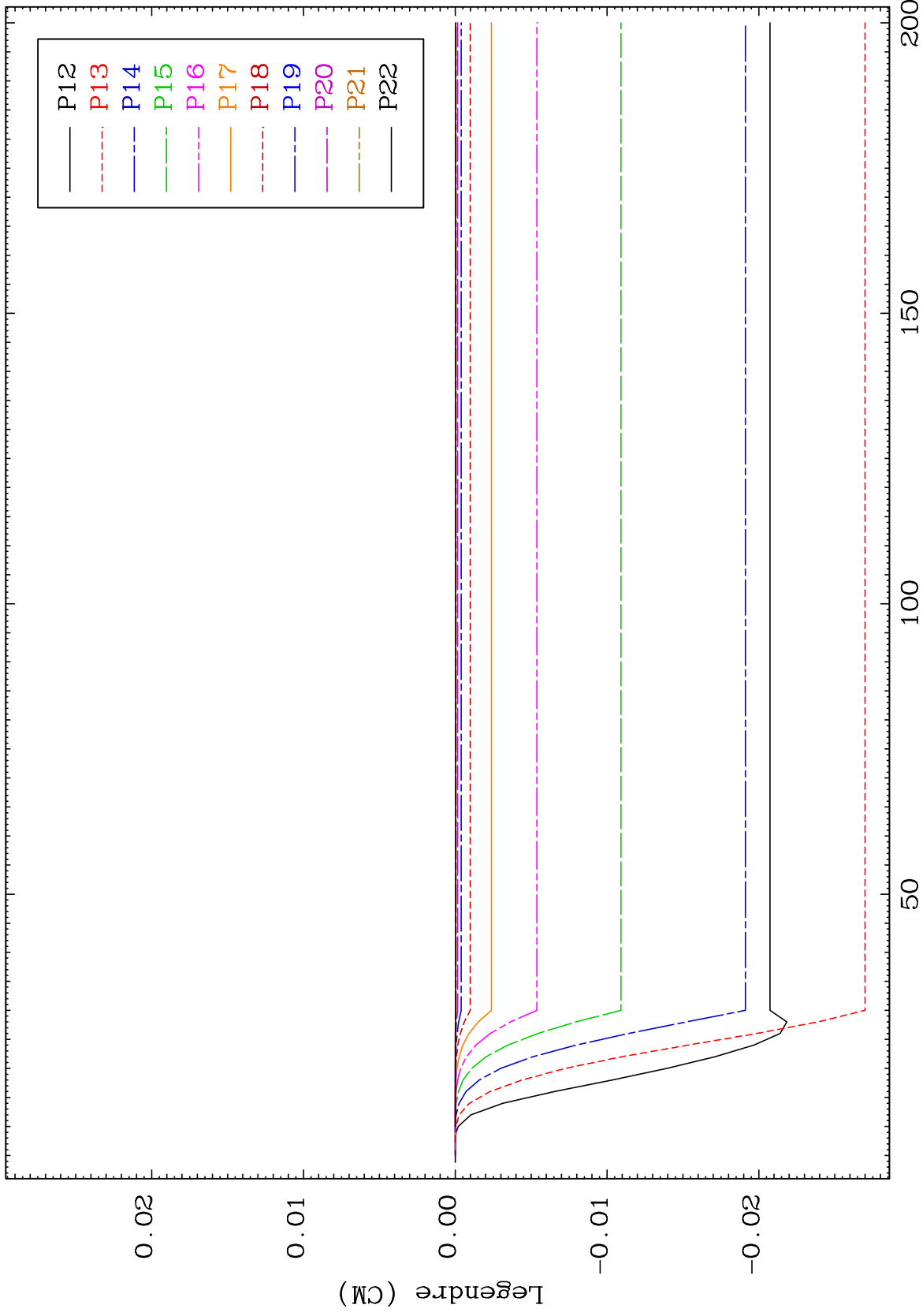




MAT 2134

2.626 MeV (n,n') Level
Legendre Coefficients

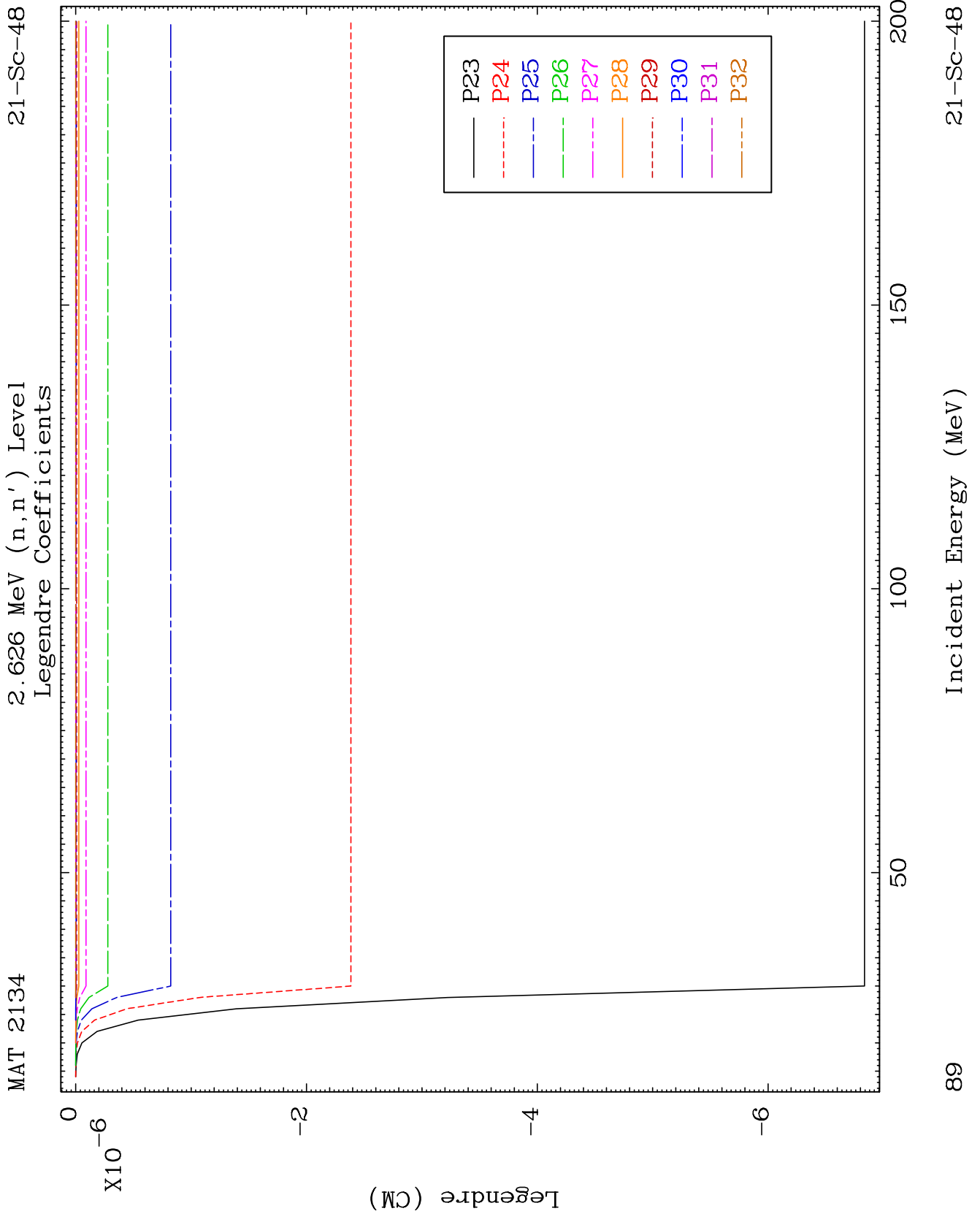
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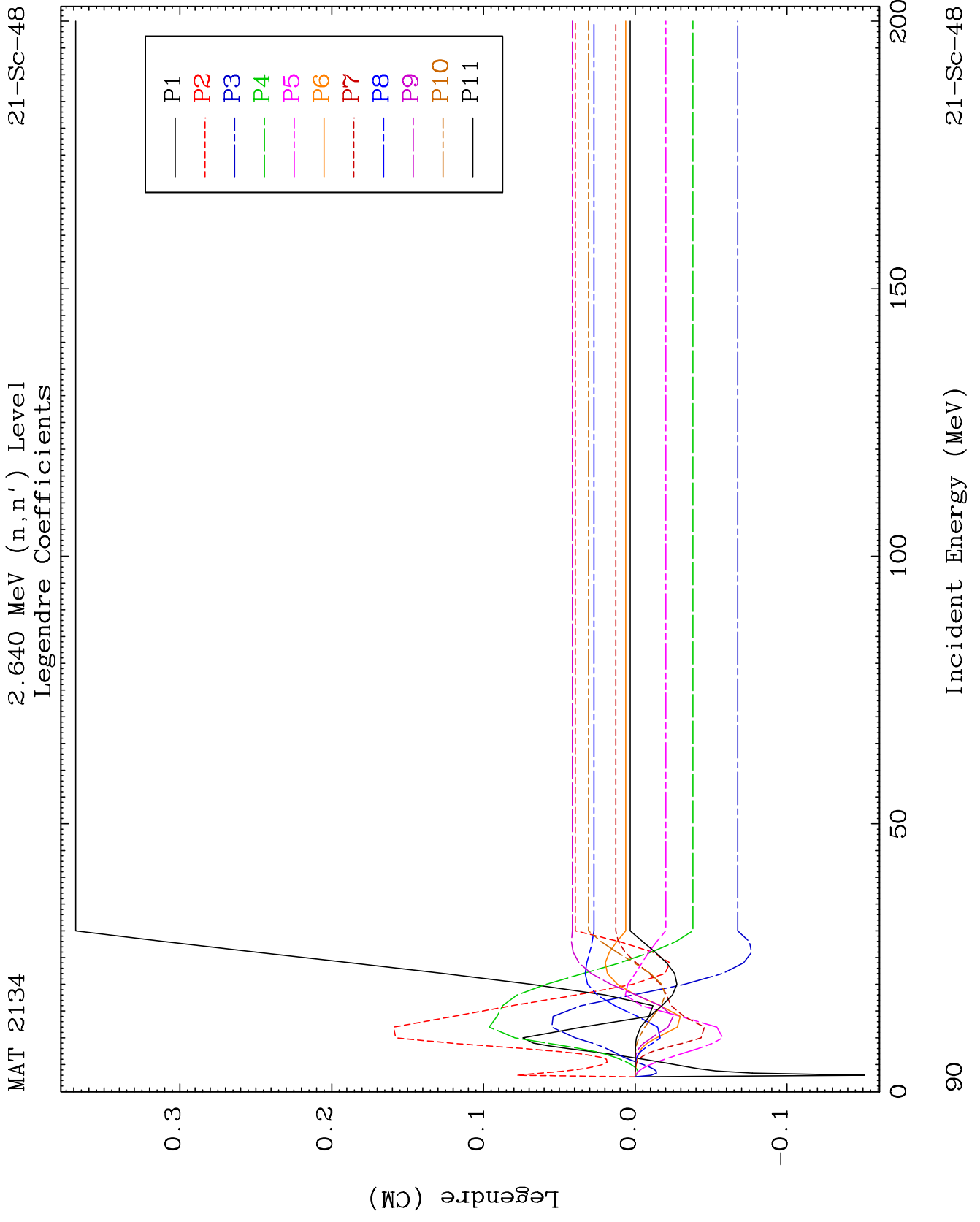


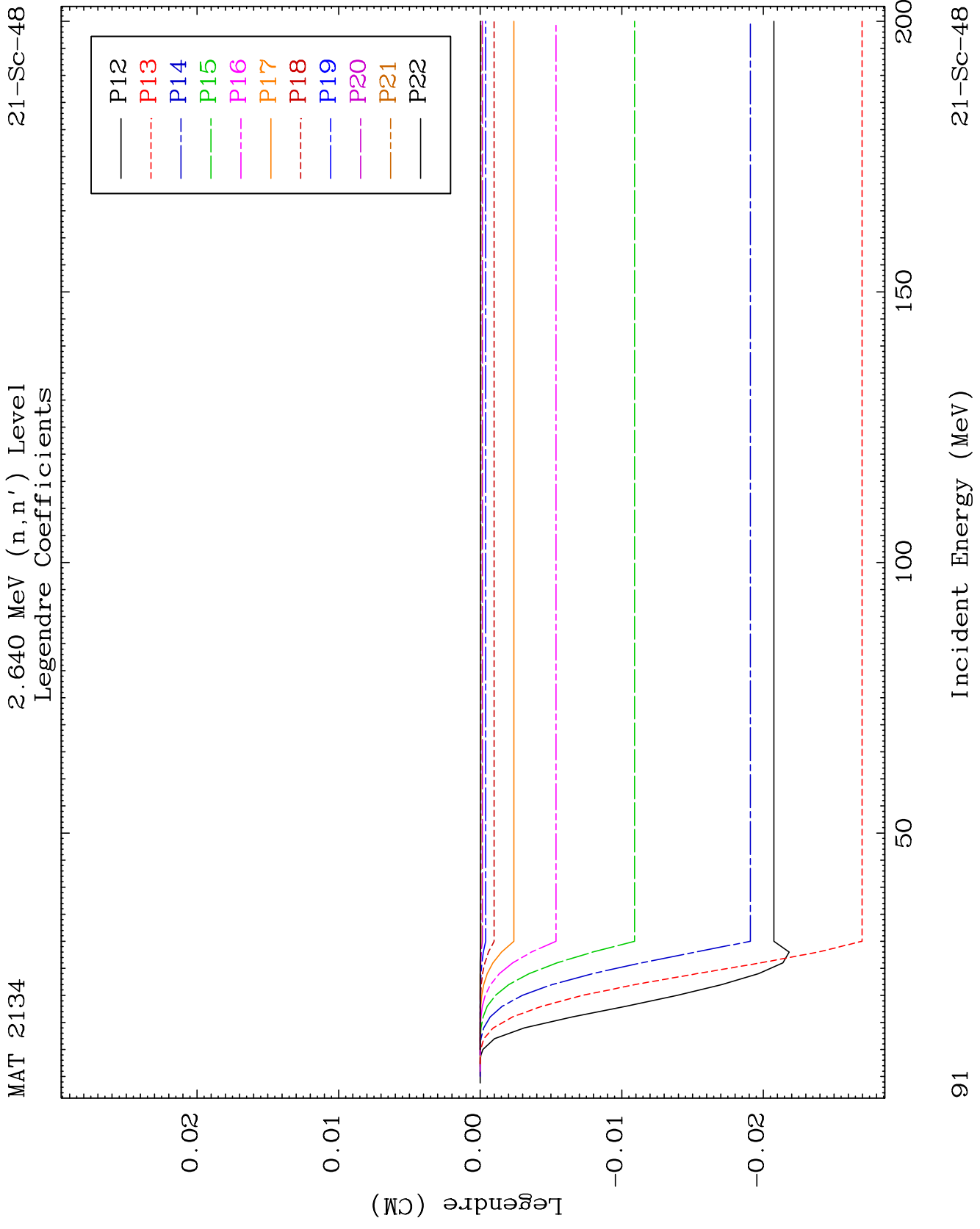
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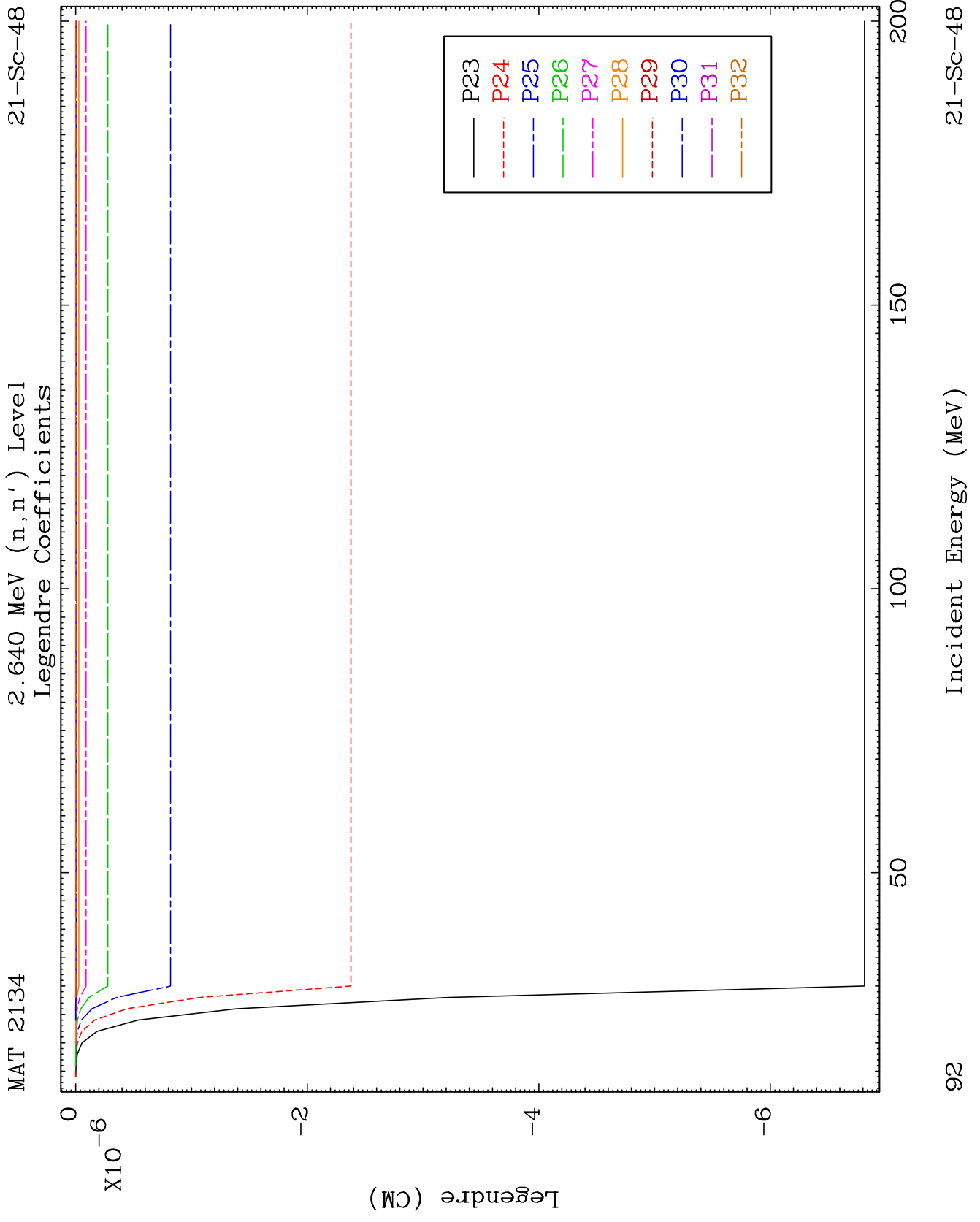
Incident Energy (MeV)

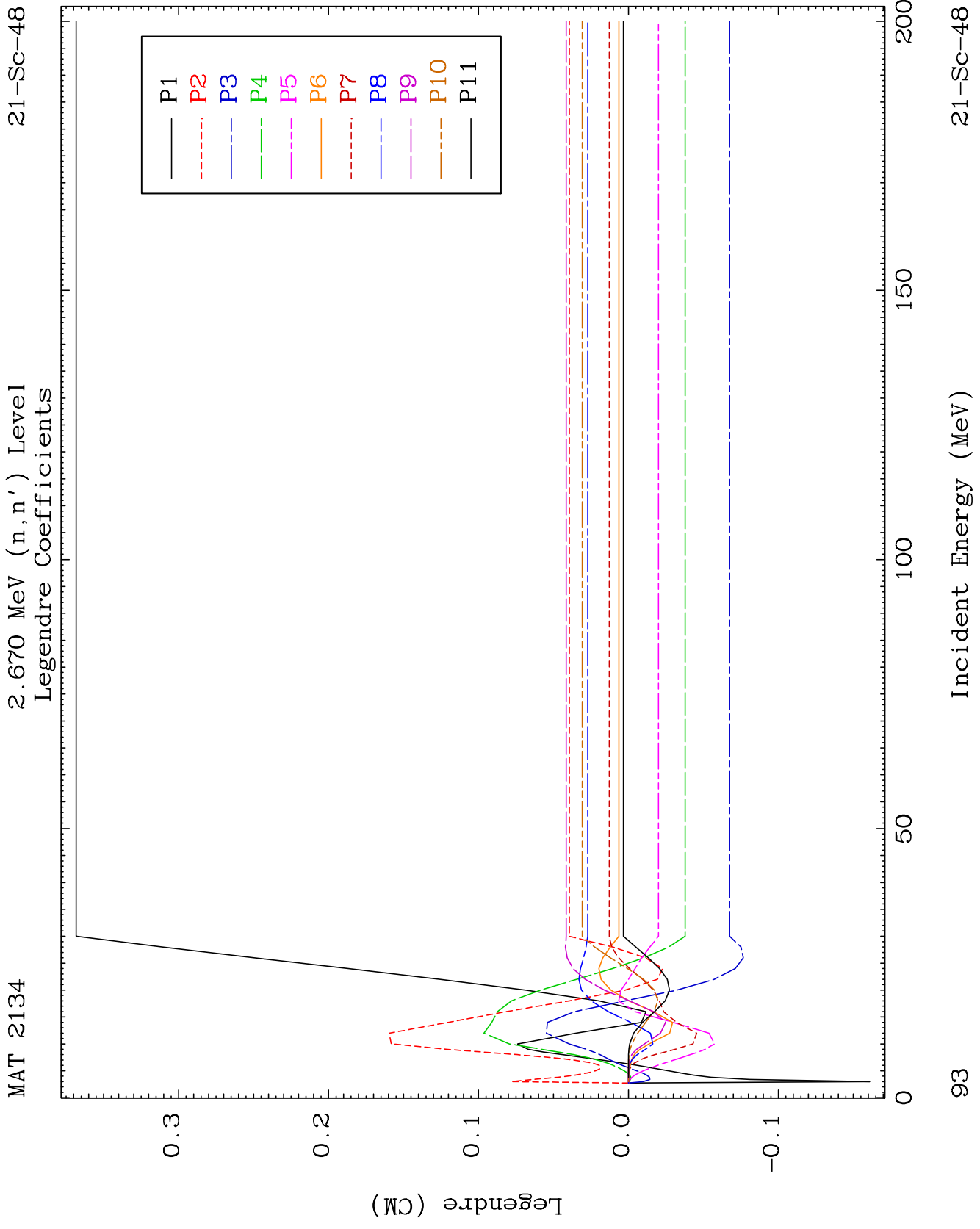
21-Sc-48







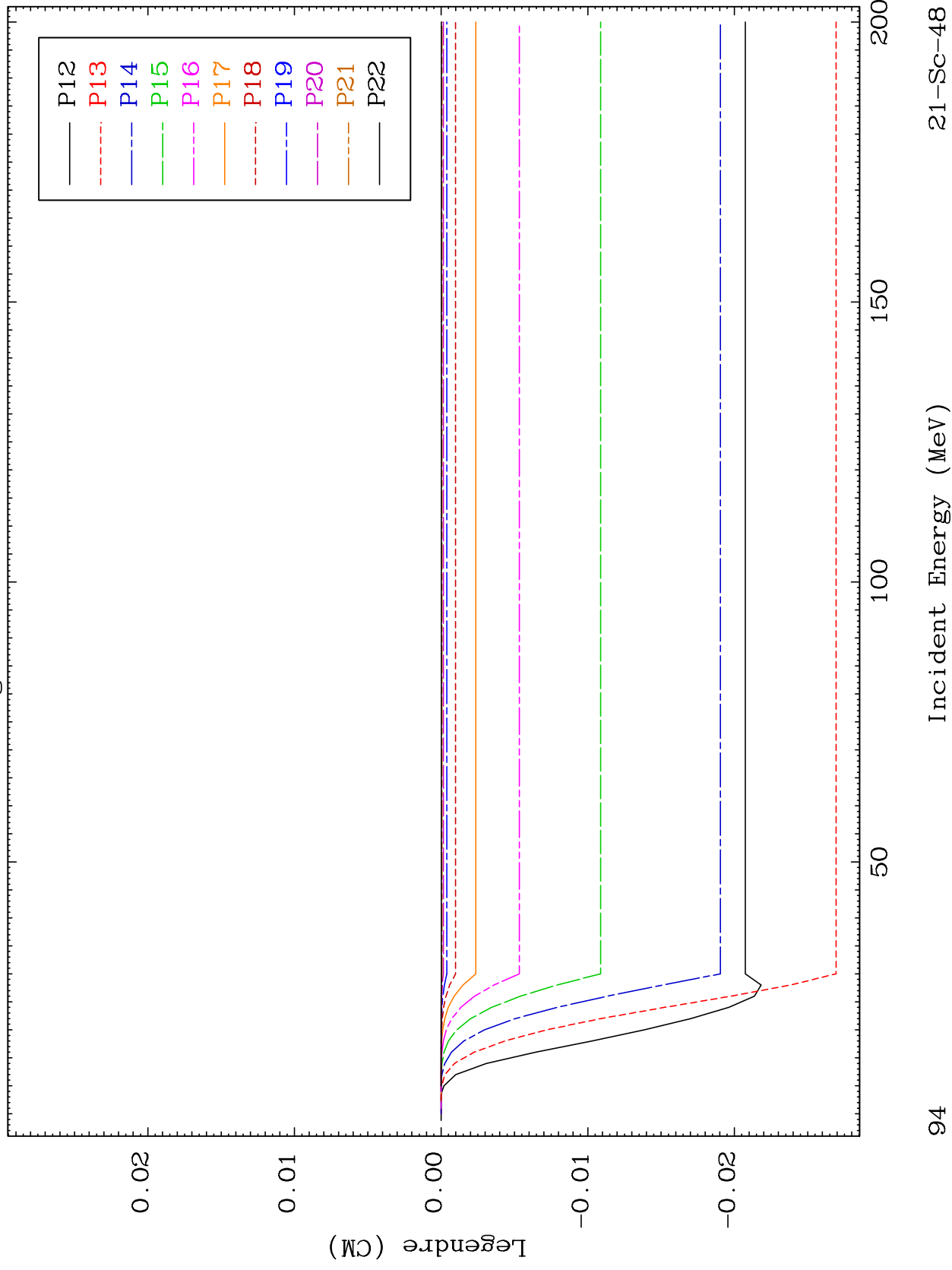




MAT 2134

2.670 MeV (n,n') Level
Legendre Coefficients

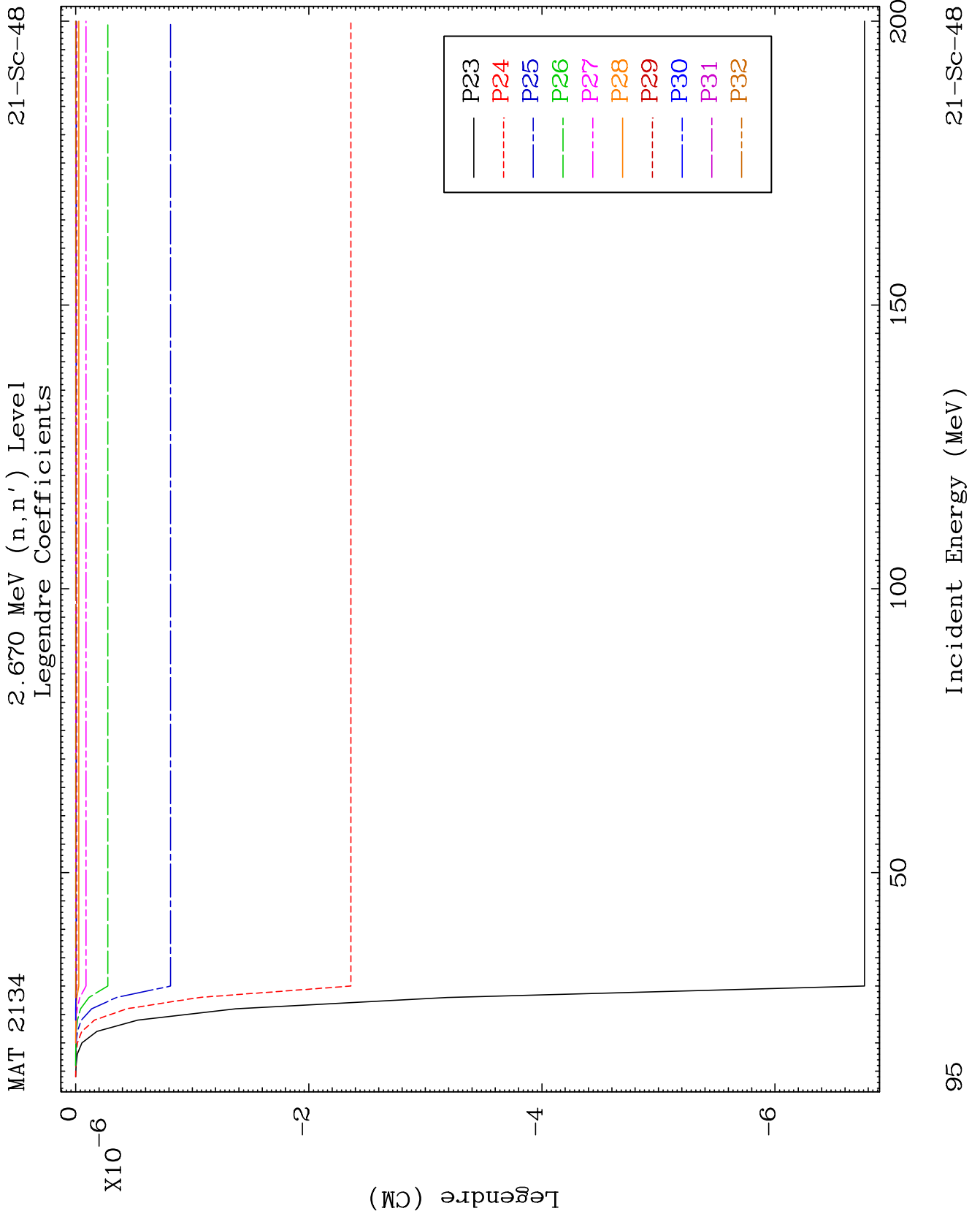
21-Sc-48



94

Incident Energy (MeV)

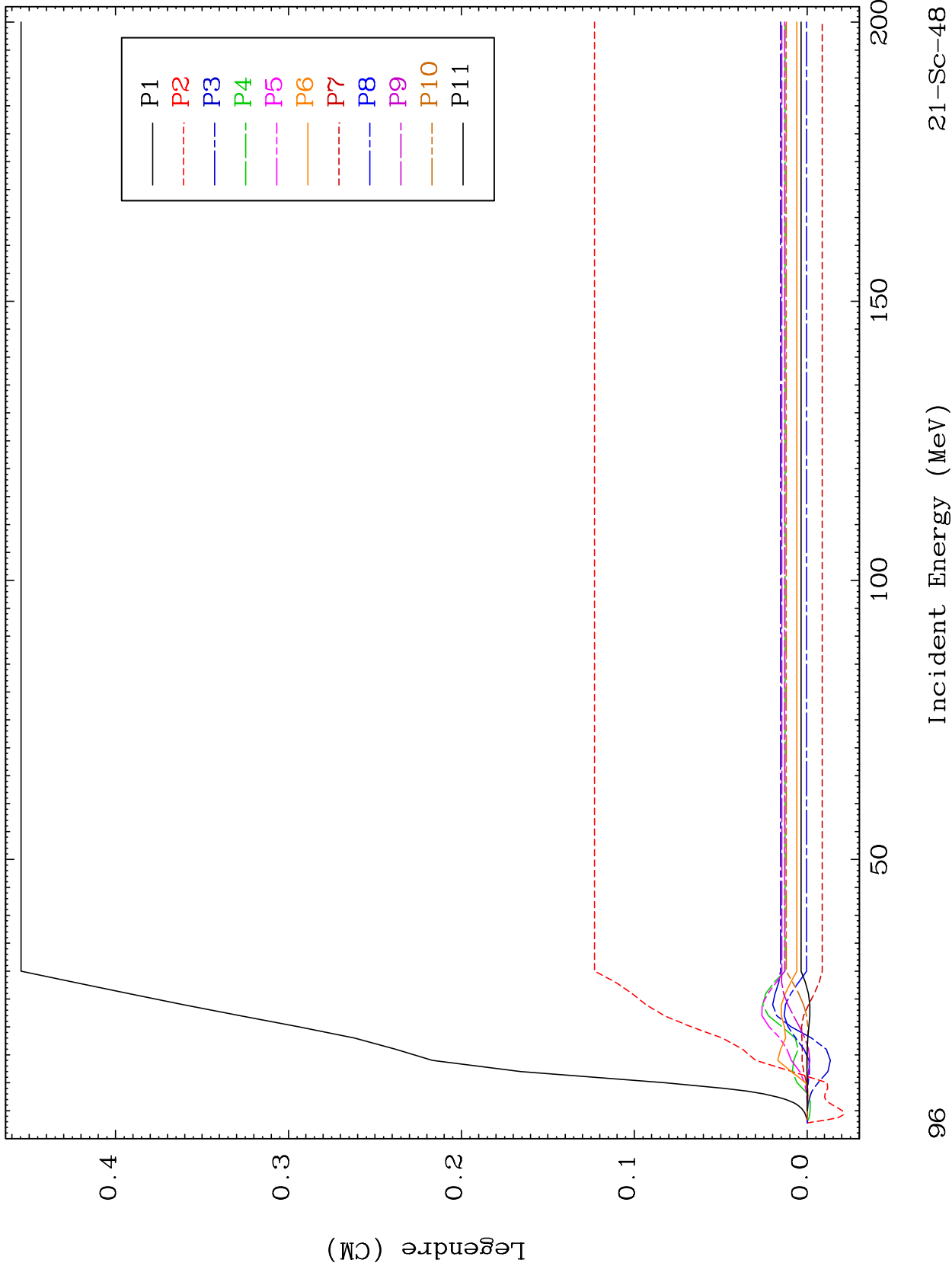
21-Sc-48

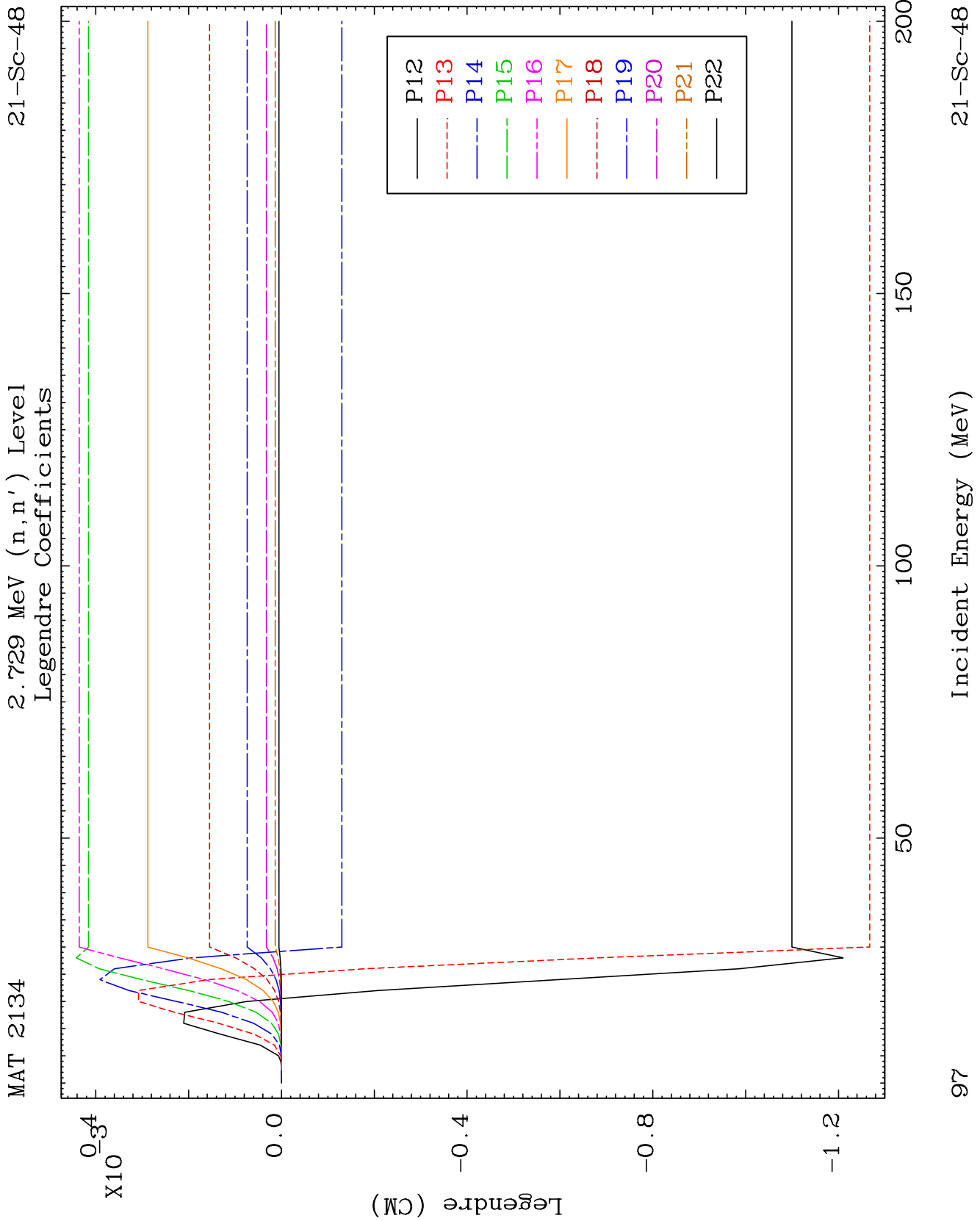


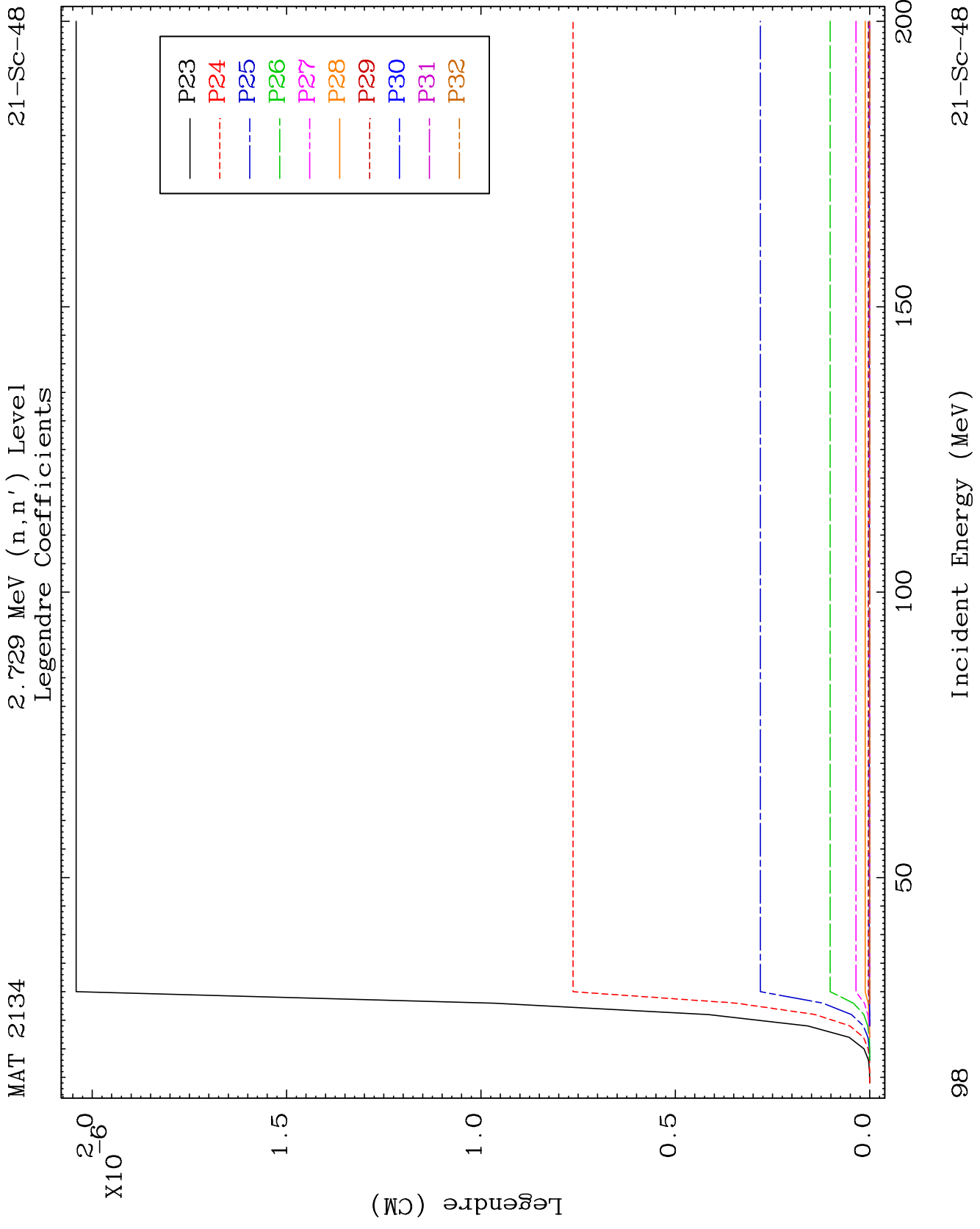
MAT 2134

2.729 MeV (n,n') Level
Legendre Coefficients

21-Sc-48





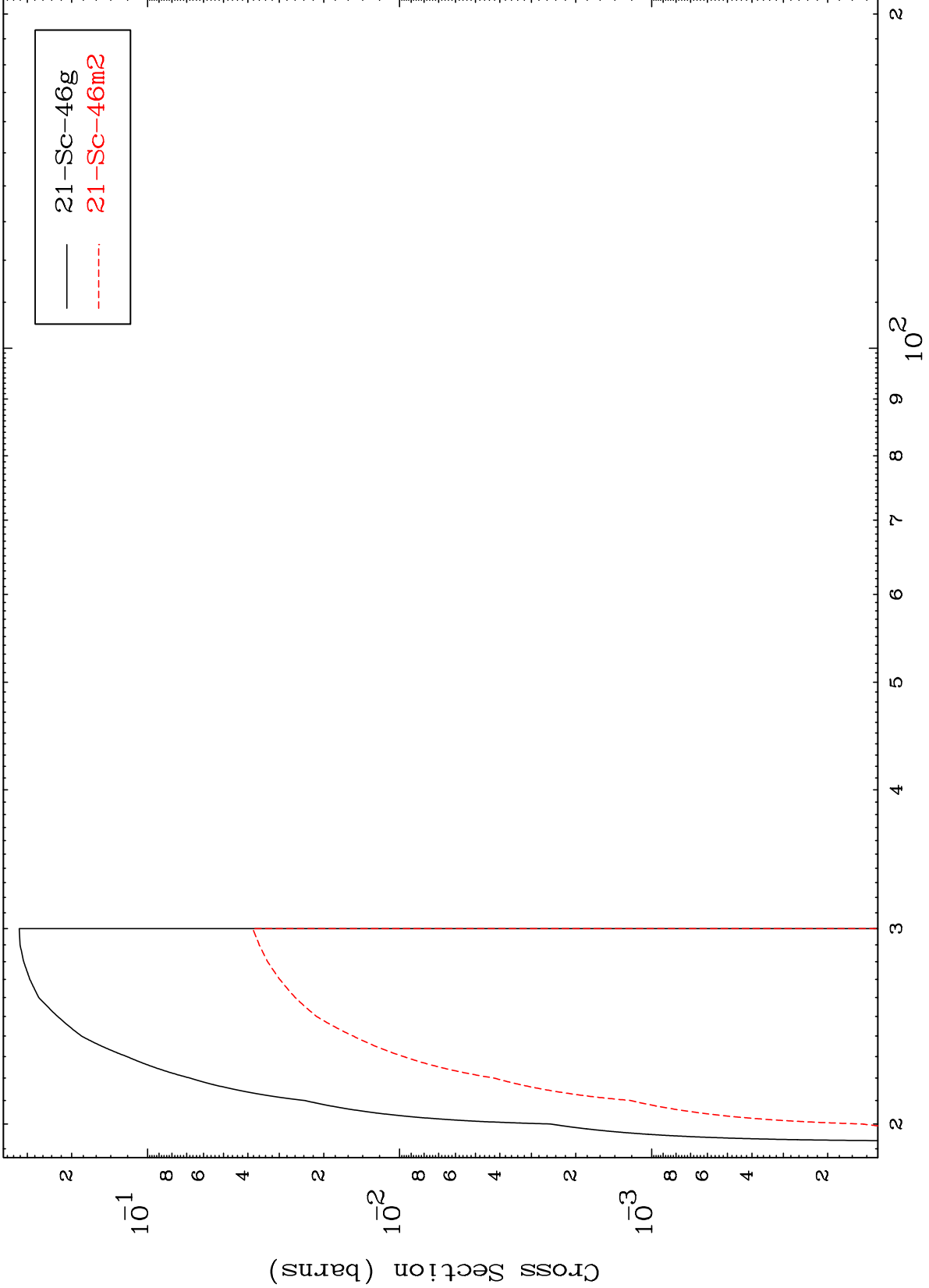


MAT 2134

(n,3n)

21-Sc-48

Radionuclide Production Cross Section



21-Sc-46g
21-Sc-46m2

99

Incident Energy (MeV)

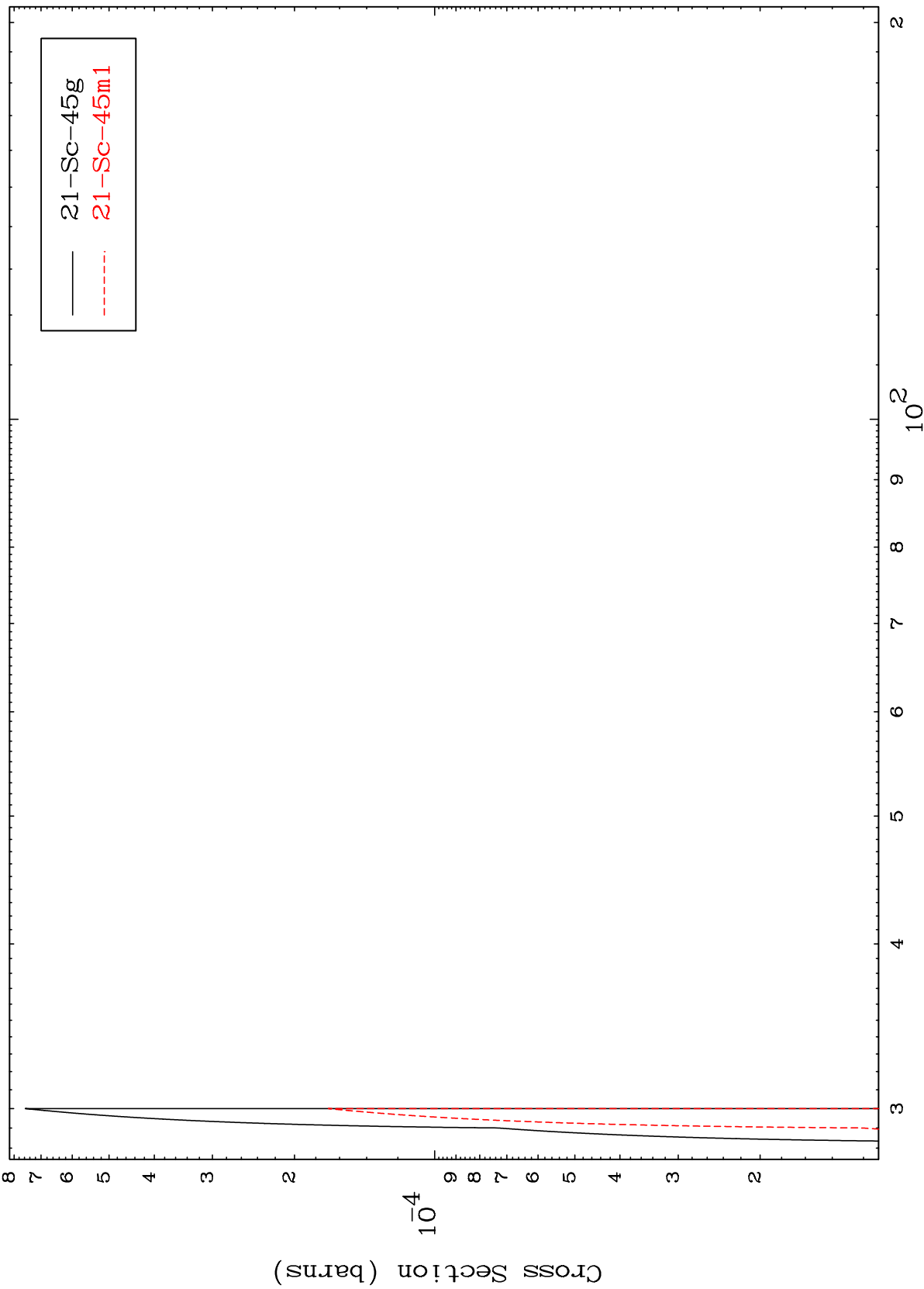
21-Sc-48

MAT 2134

21-Sc-48

(n,4n)

Radionuclide Production Cross Section



100

Incident Energy (MeV)

21-Sc-48