

Program EVALPLOT  
(Version 2015-2)

by

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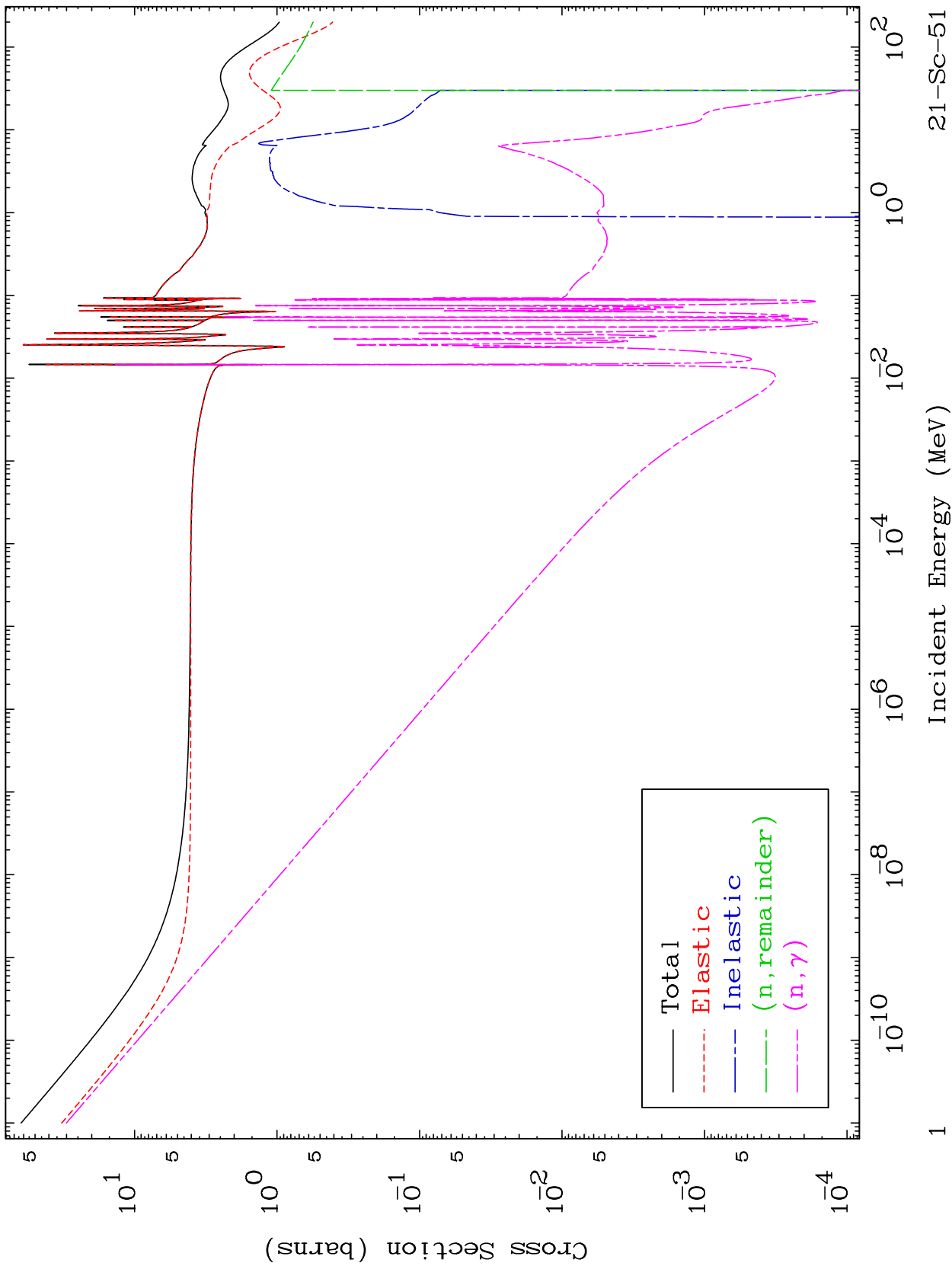
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2143

Major  
293 Kelvin Cross Sections

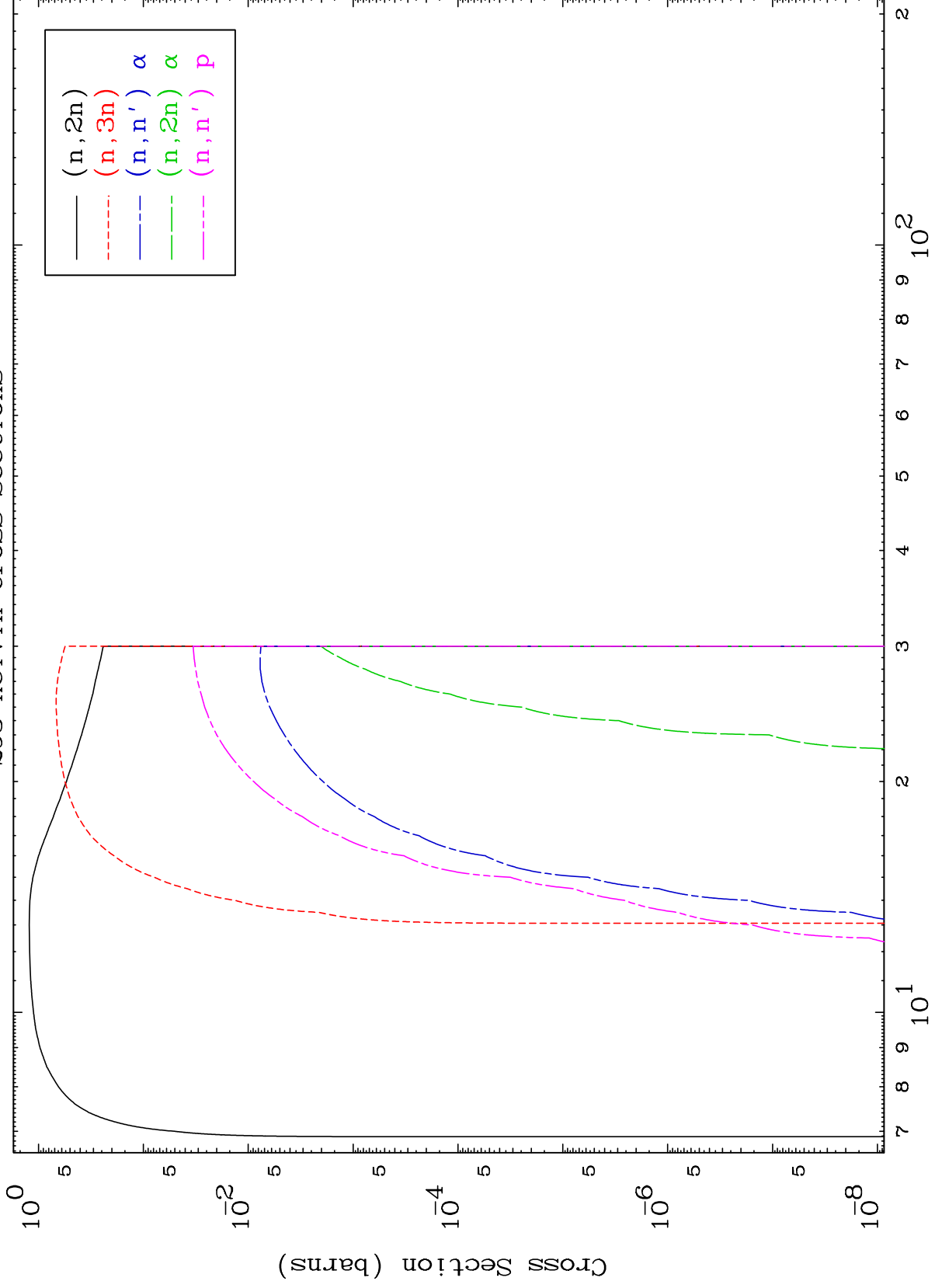
21-Sc-51



MAT 2143

Neutron Production  
293 Kelvin Cross Sections

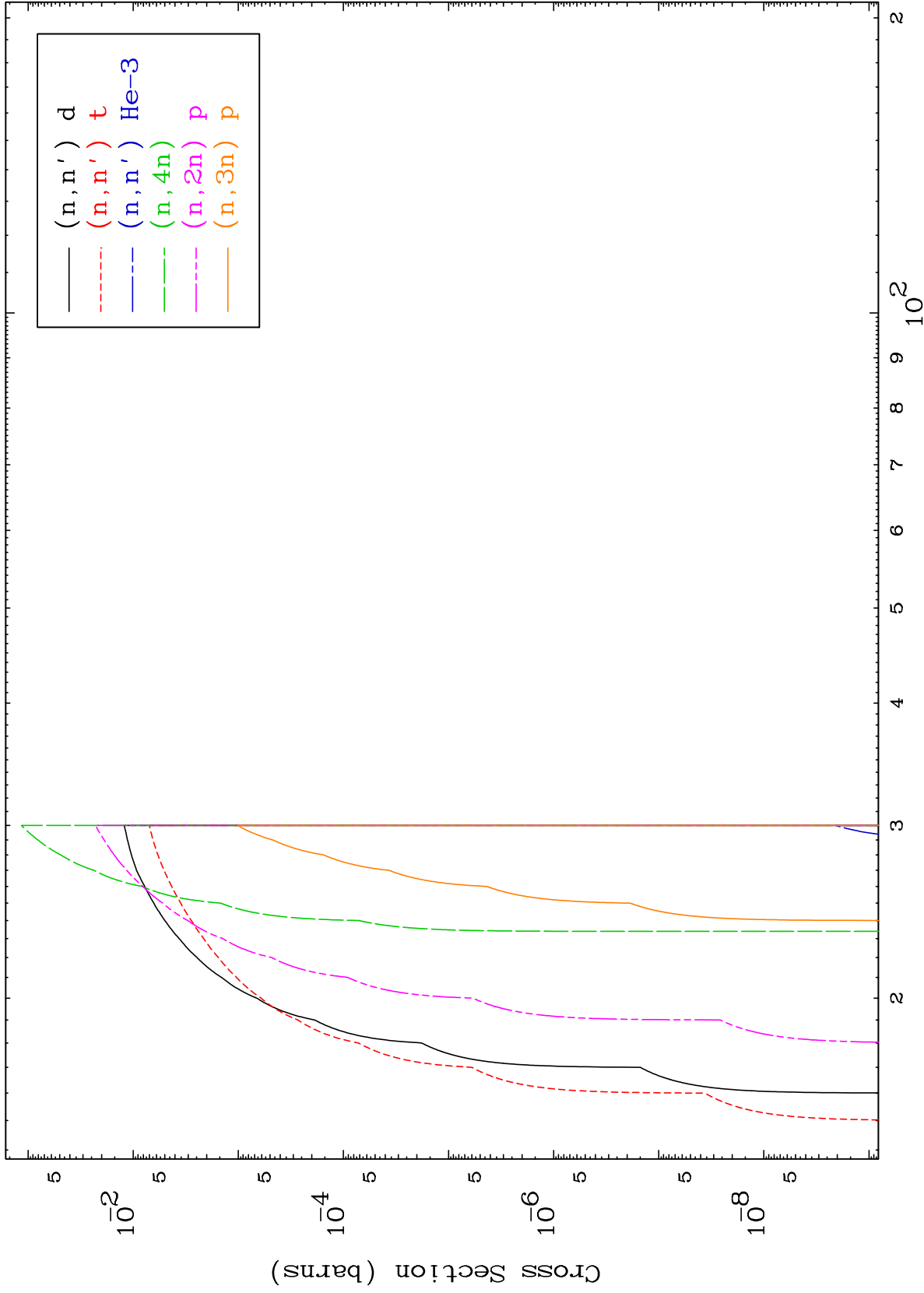
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Incident Energy (MeV)

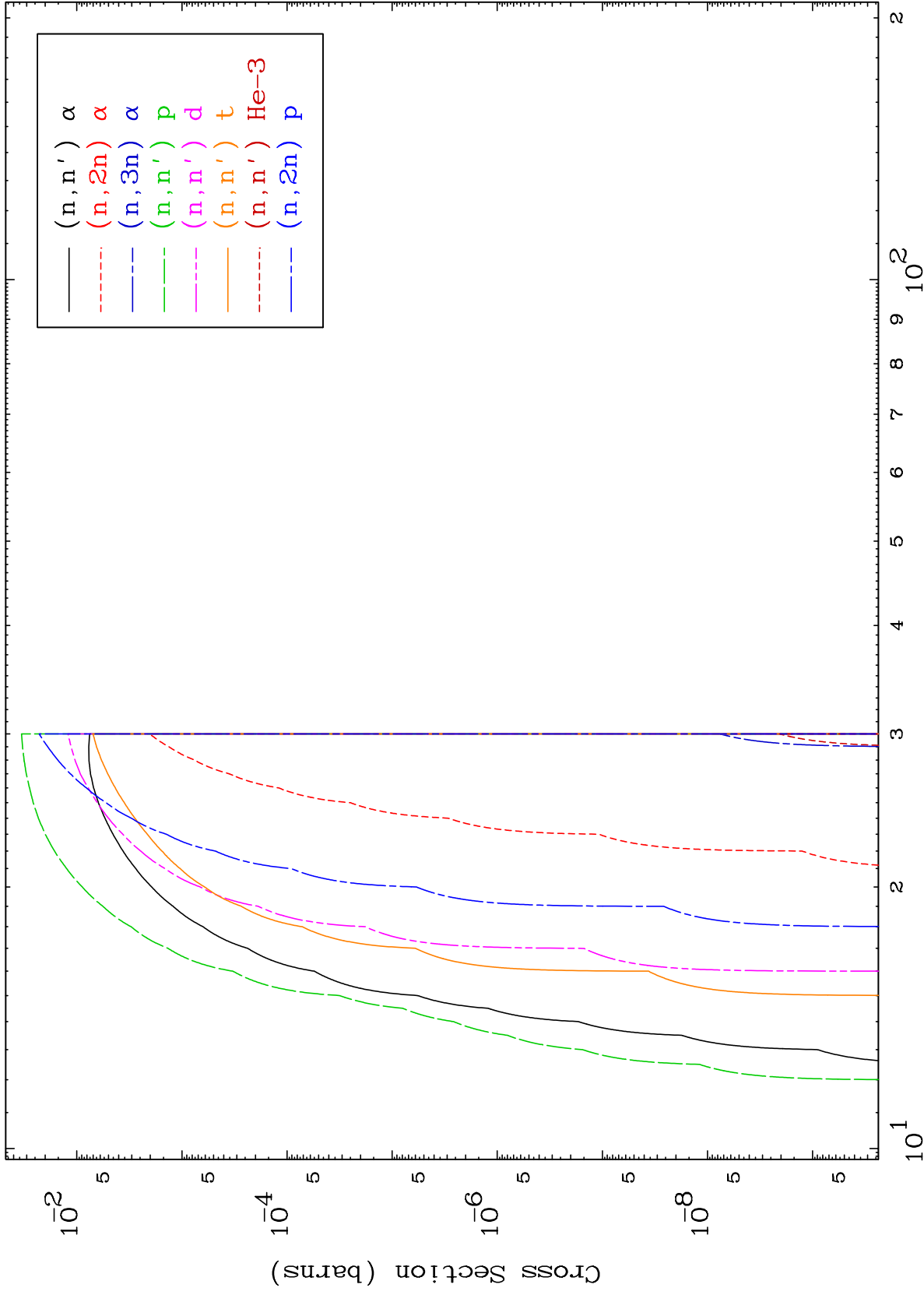
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MAT 2143

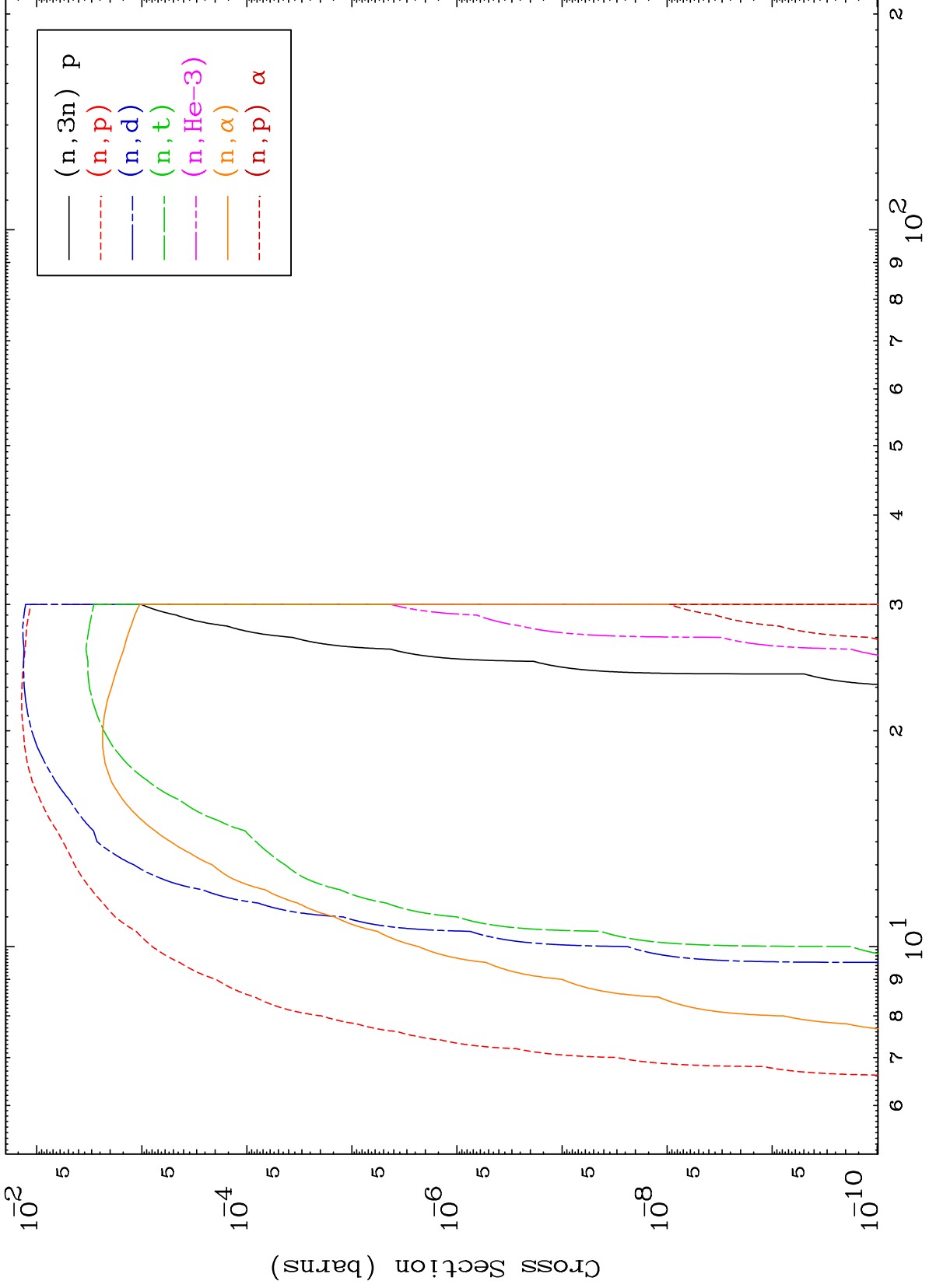
Charged Particle  
293 Kelvin Cross Sections

21-Sc-51



Incident Energy (MeV)

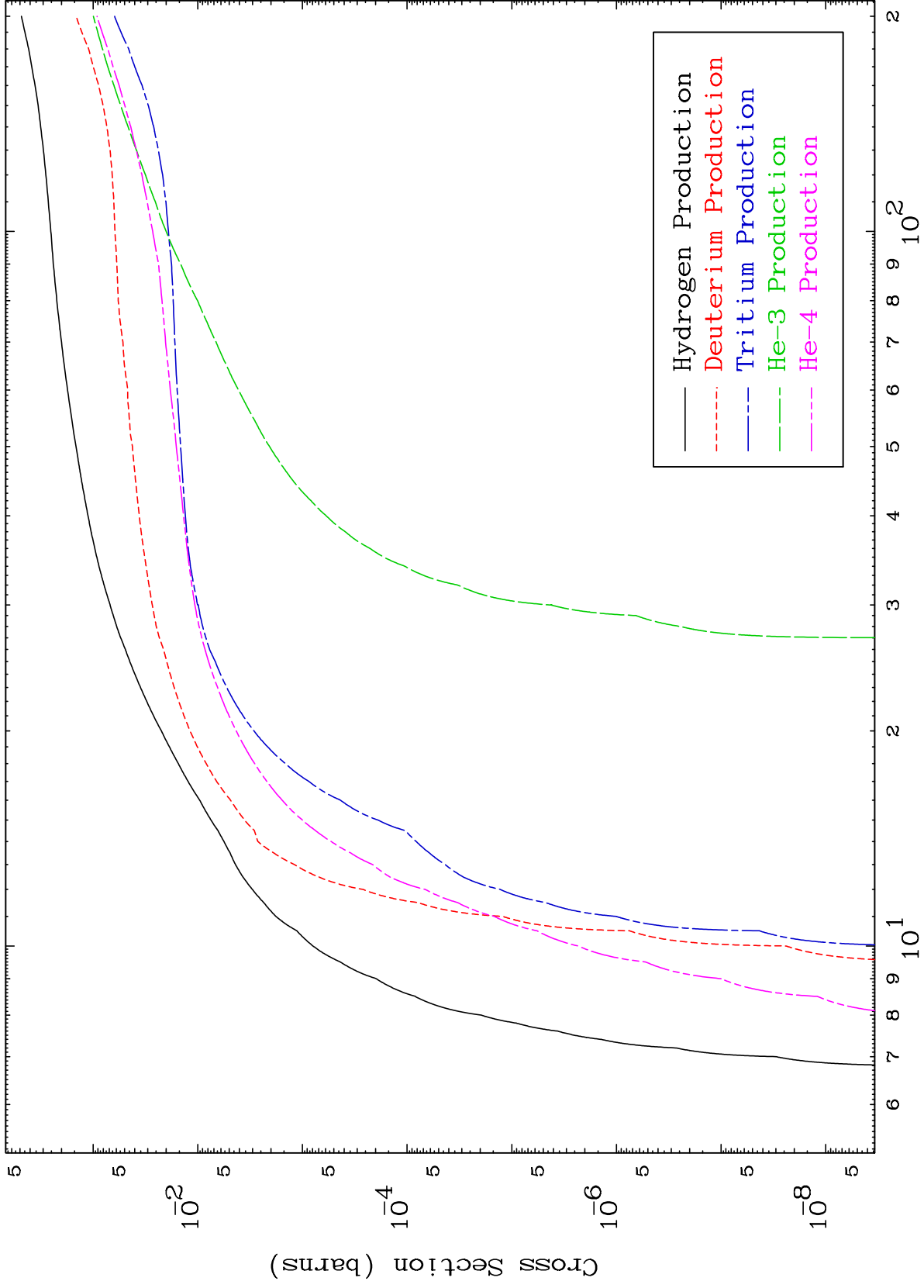
21-Sc-51



MAT 2143

Particle Production  
293 Kelvin Cross Sections

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6

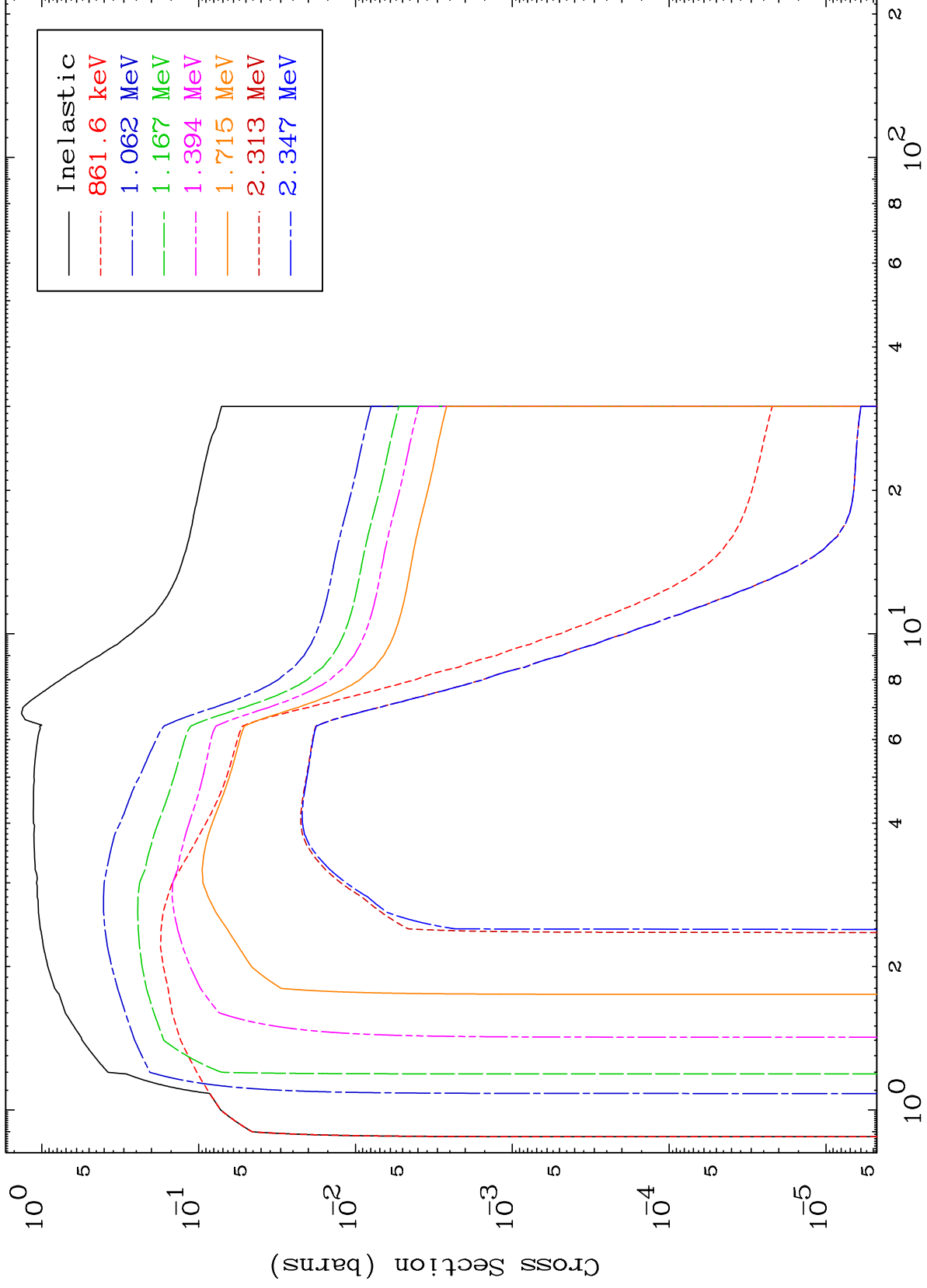
Incident Energy (MeV)

21-Sc-51

MAT 2143

(n,n') Level  
293 Kelvin Cross Sections

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Incident Energy (MeV)

21-Sc-51

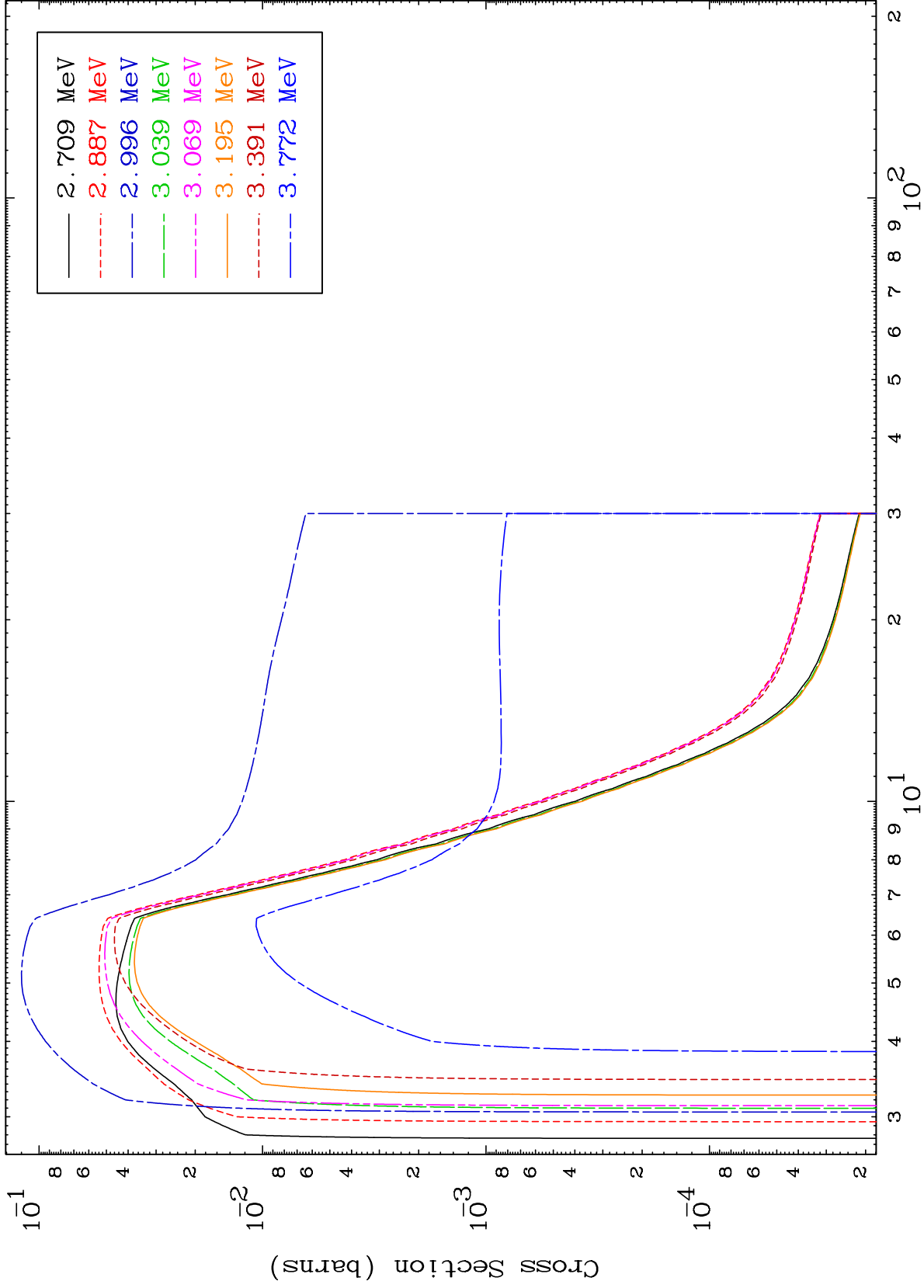
7



MAT 2143

(n,n') Level  
293 Kelvin Cross Sections

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Incident Energy (MeV)

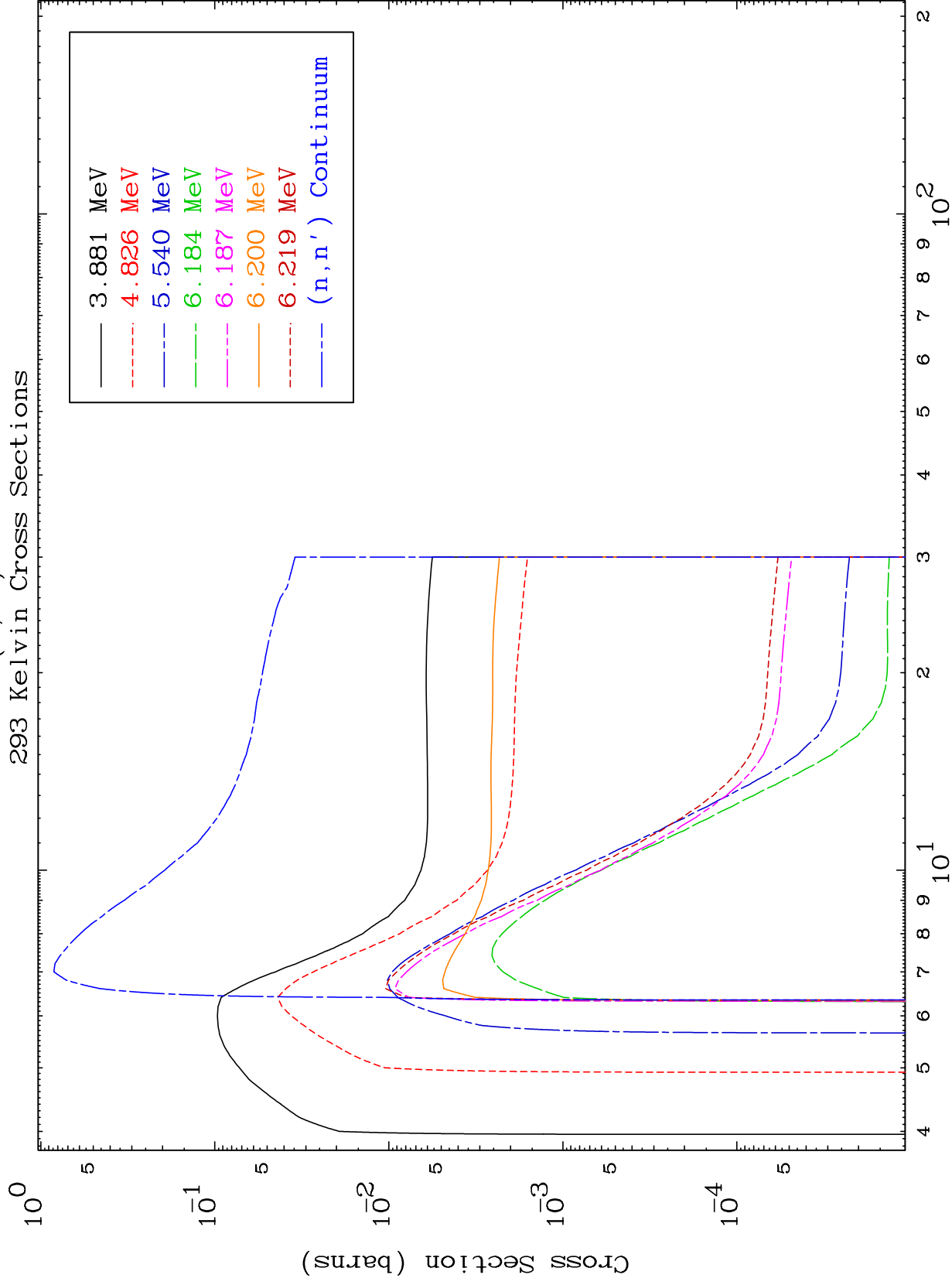
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MAT 2143

(n,n') Level

21-Sc-51

293 Kelvin Cross Sections



9

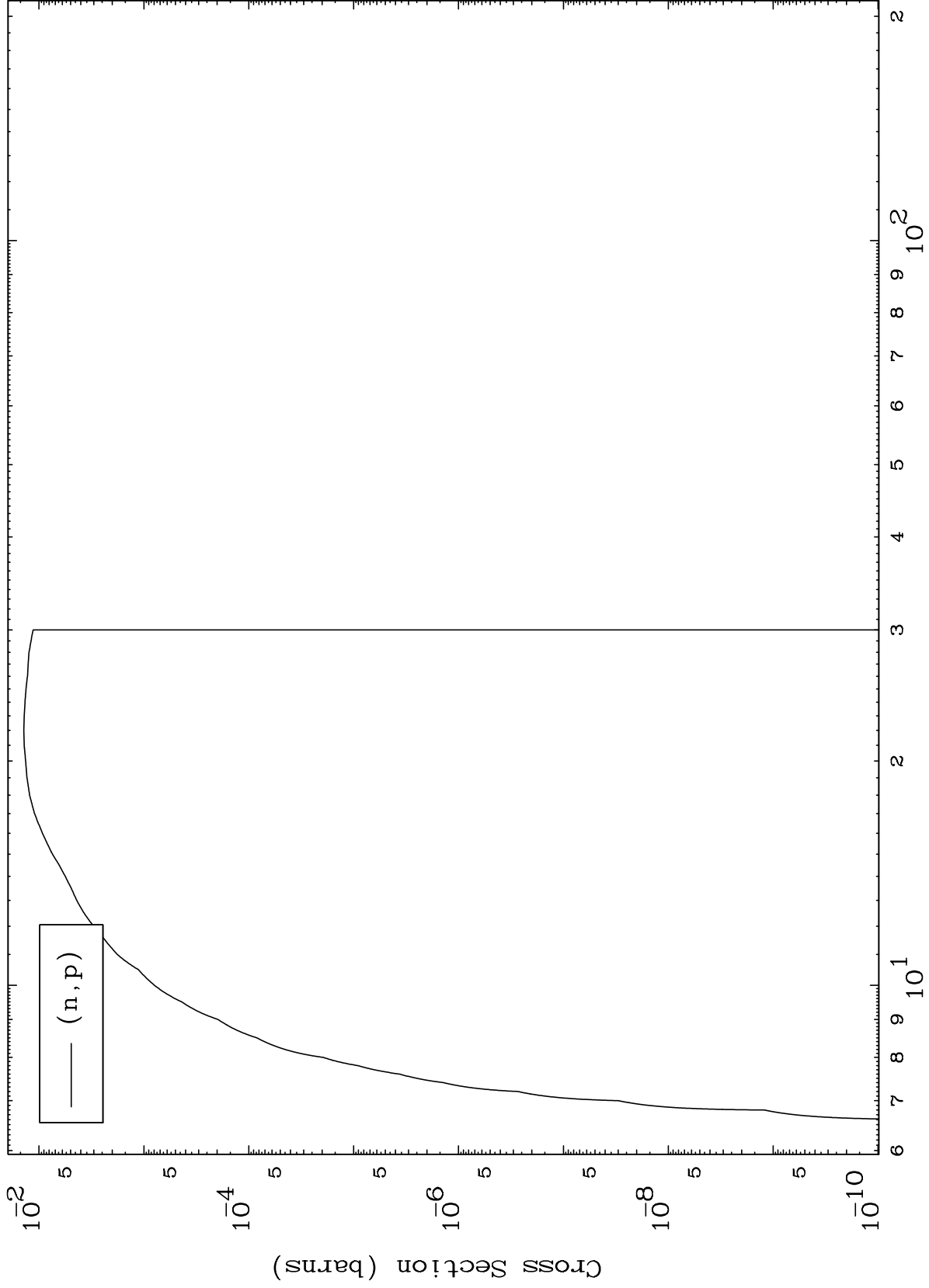
Incident Energy (MeV)

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MAT 2143

(n,p) Levels  
293 Kelvin Cross Sections

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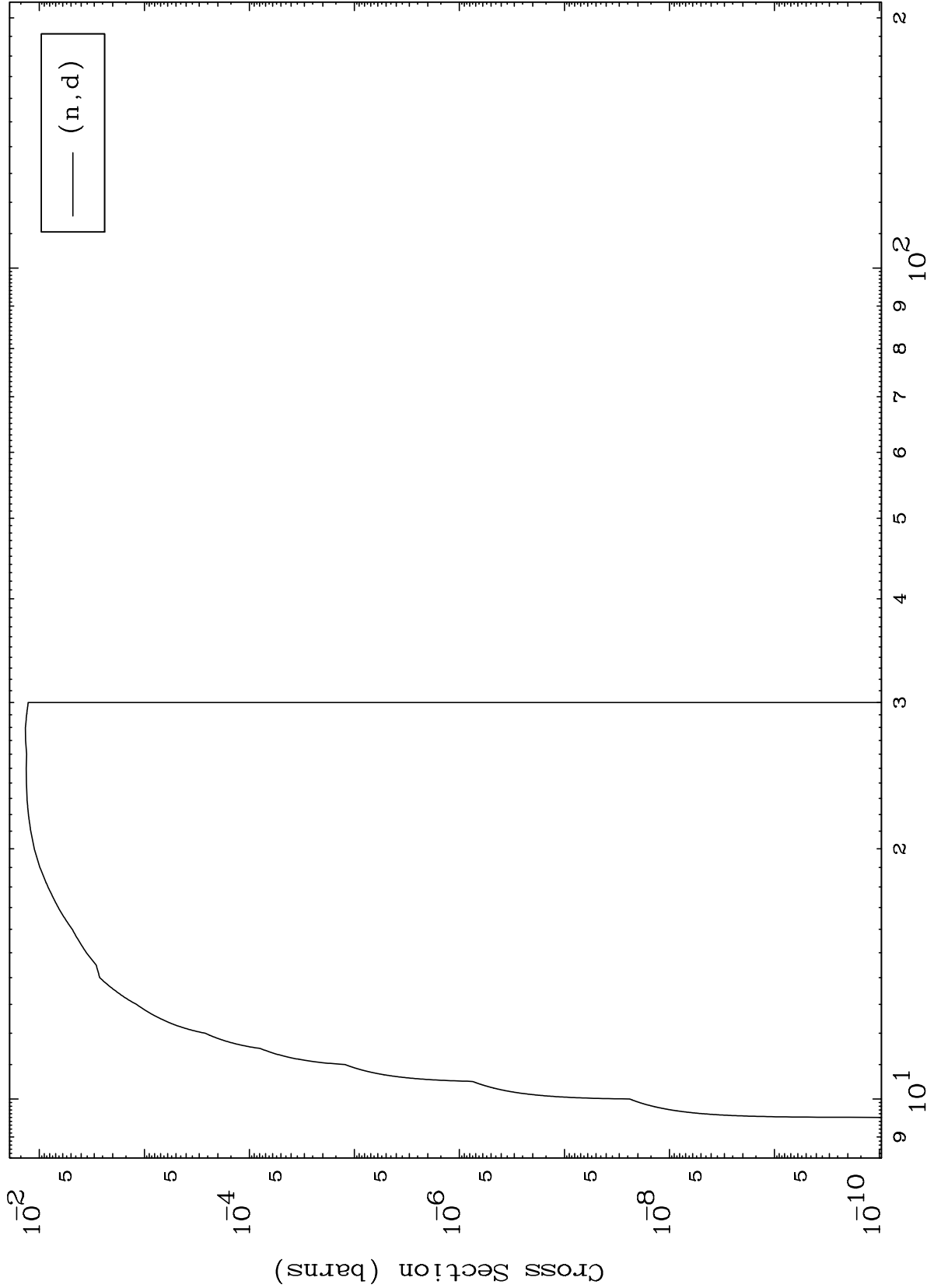
Incident Energy (MeV)

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MAT 2143

(n,d) Levels  
293 Kelvin Cross Sections

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(n,d)

11

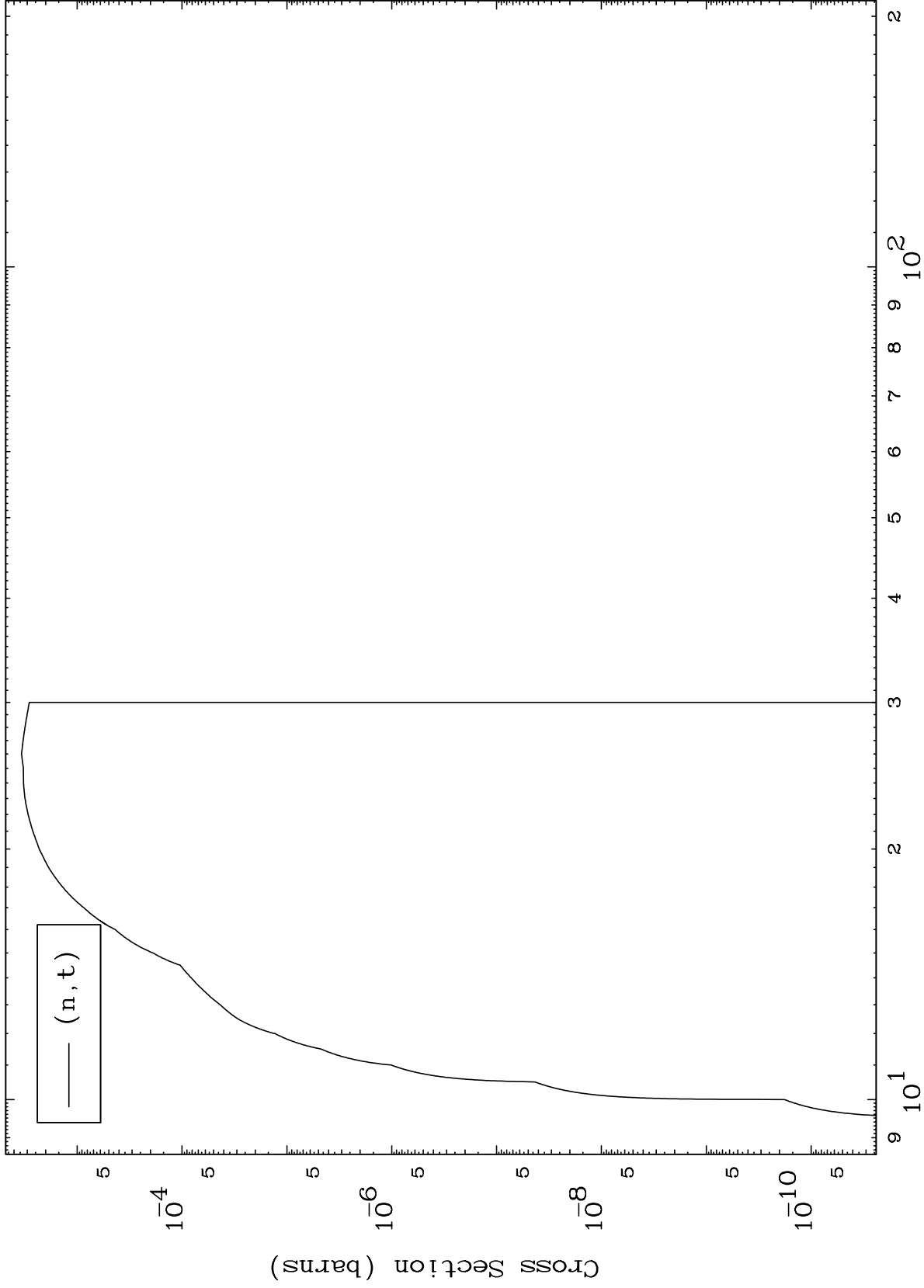
Incident Energy (MeV)

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MAT 2143

(n,t) Levels  
293 Kelvin Cross Sections

21-Sc-51



12

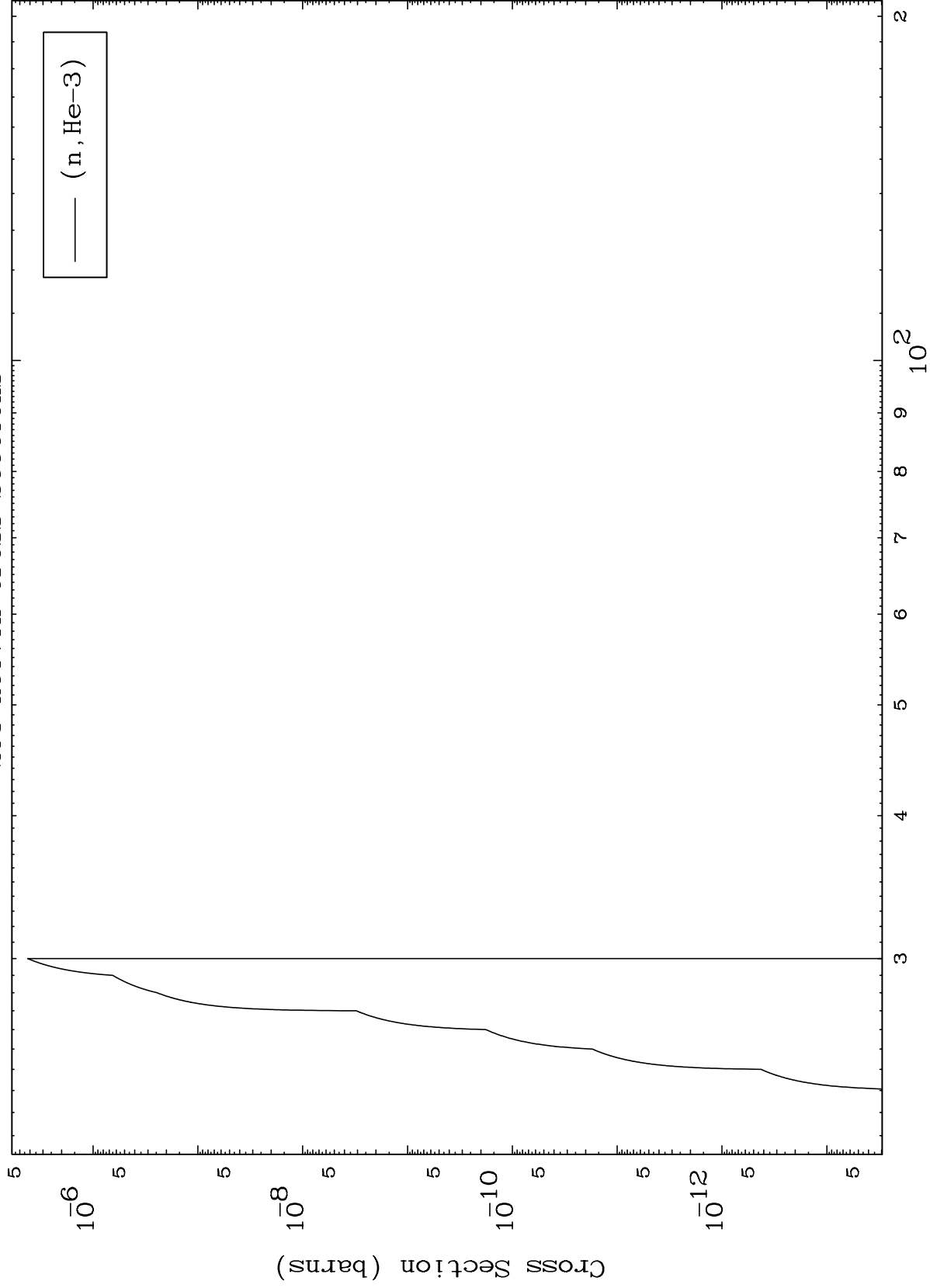
Incident Energy (MeV)

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(n,He3) Levels  
293 Kelvin Cross Sections

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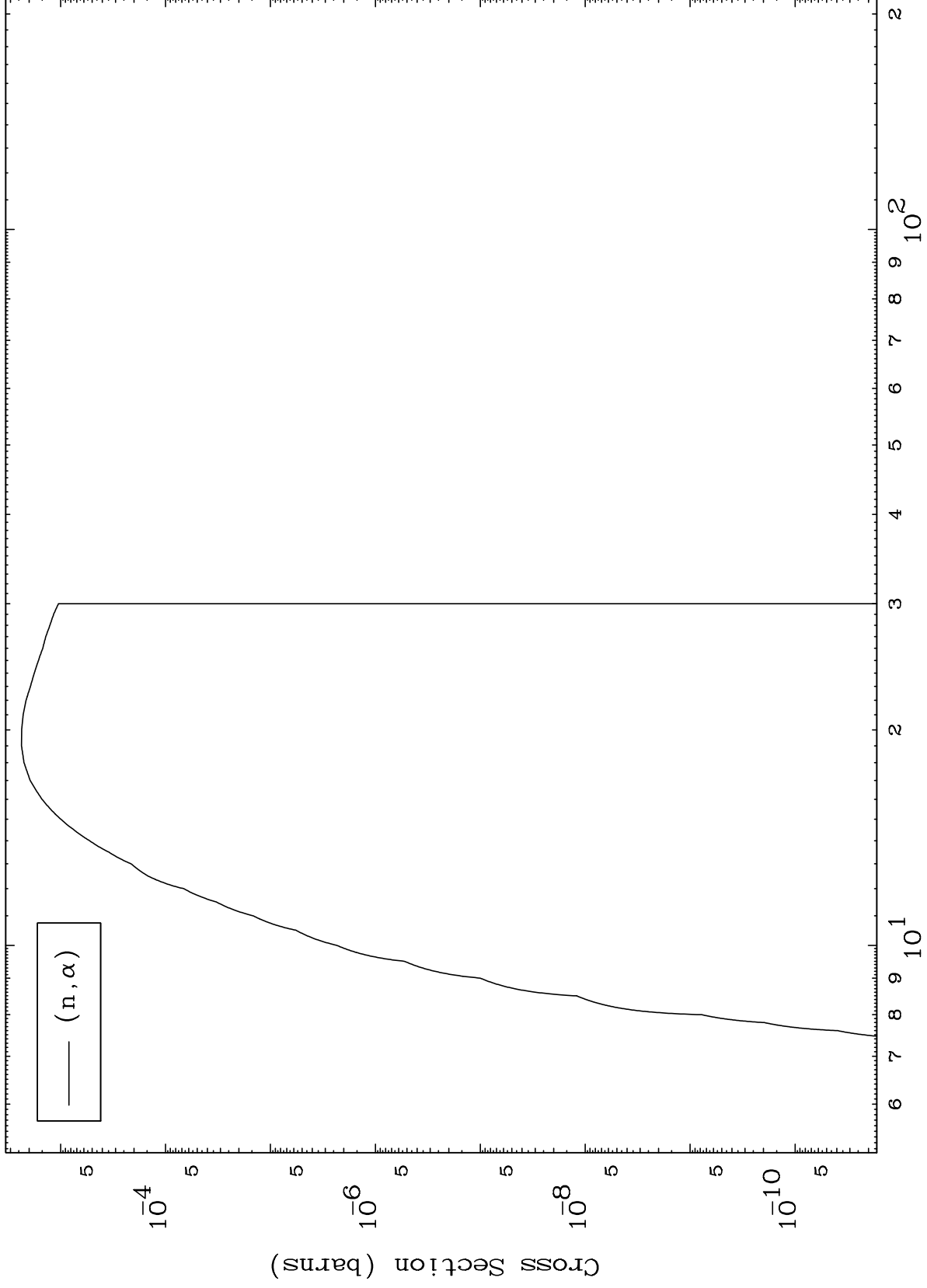
Incident Energy (MeV)

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MAT 2143

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

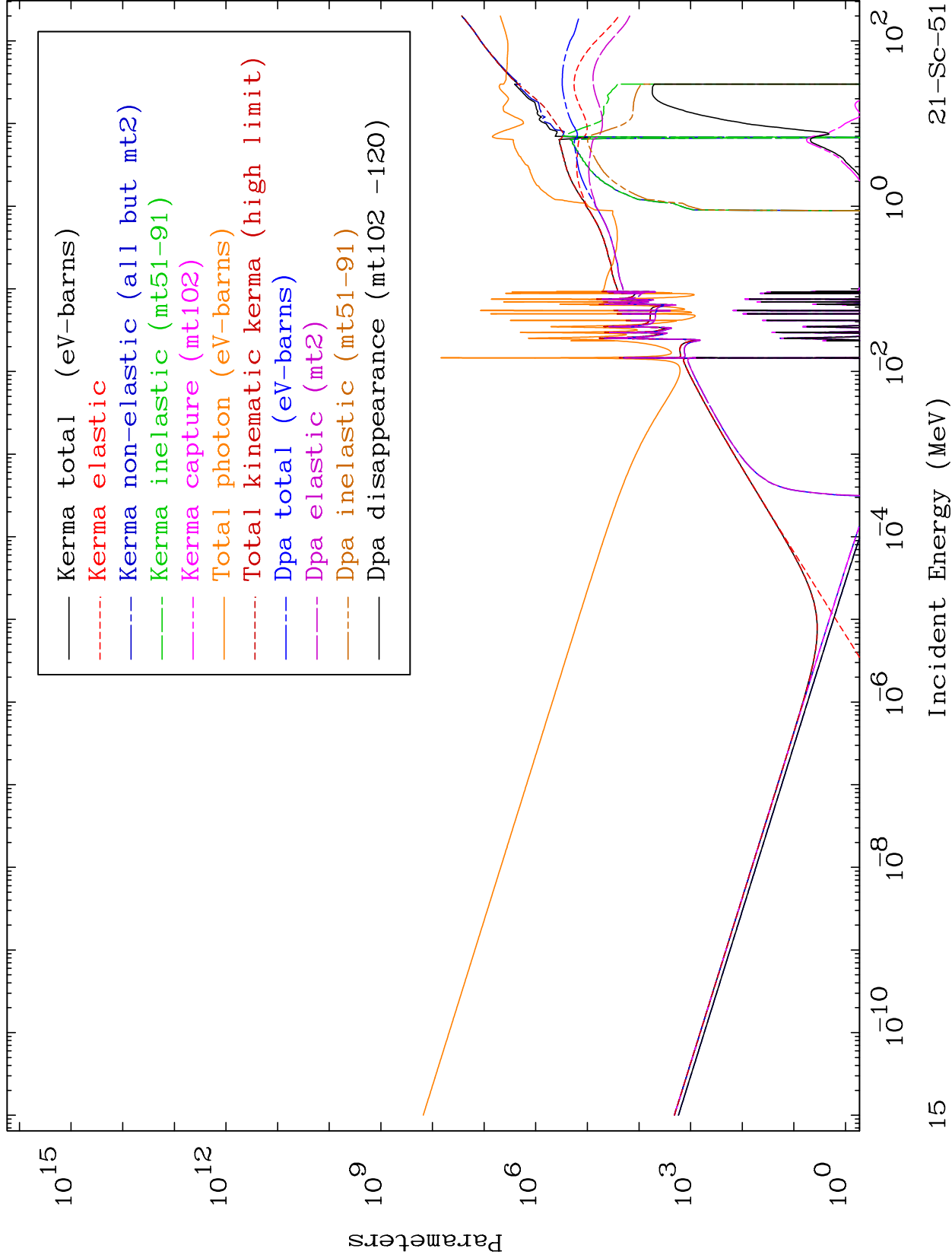
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Incident Energy (MeV)

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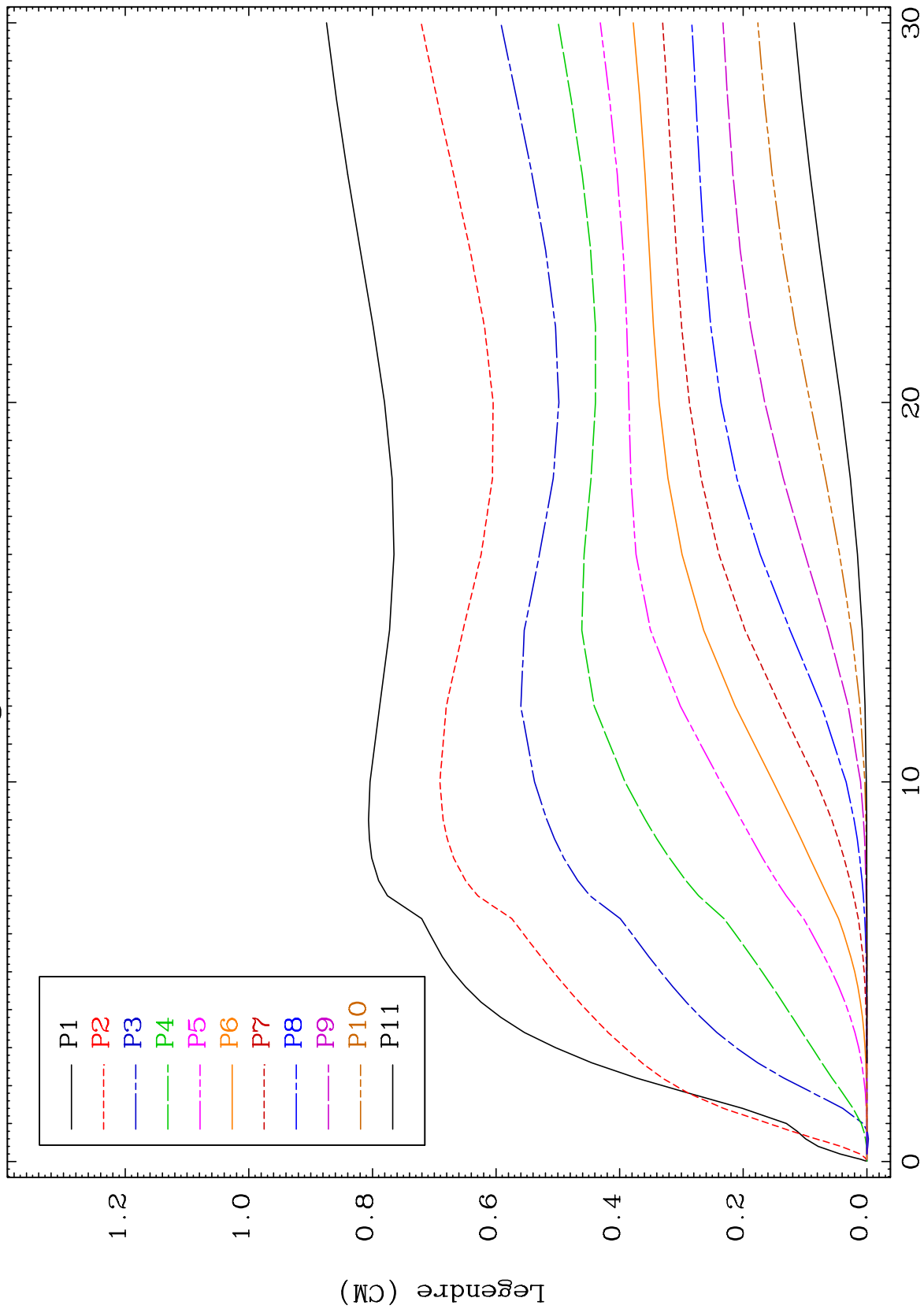




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Elastic Legendre Coefficients

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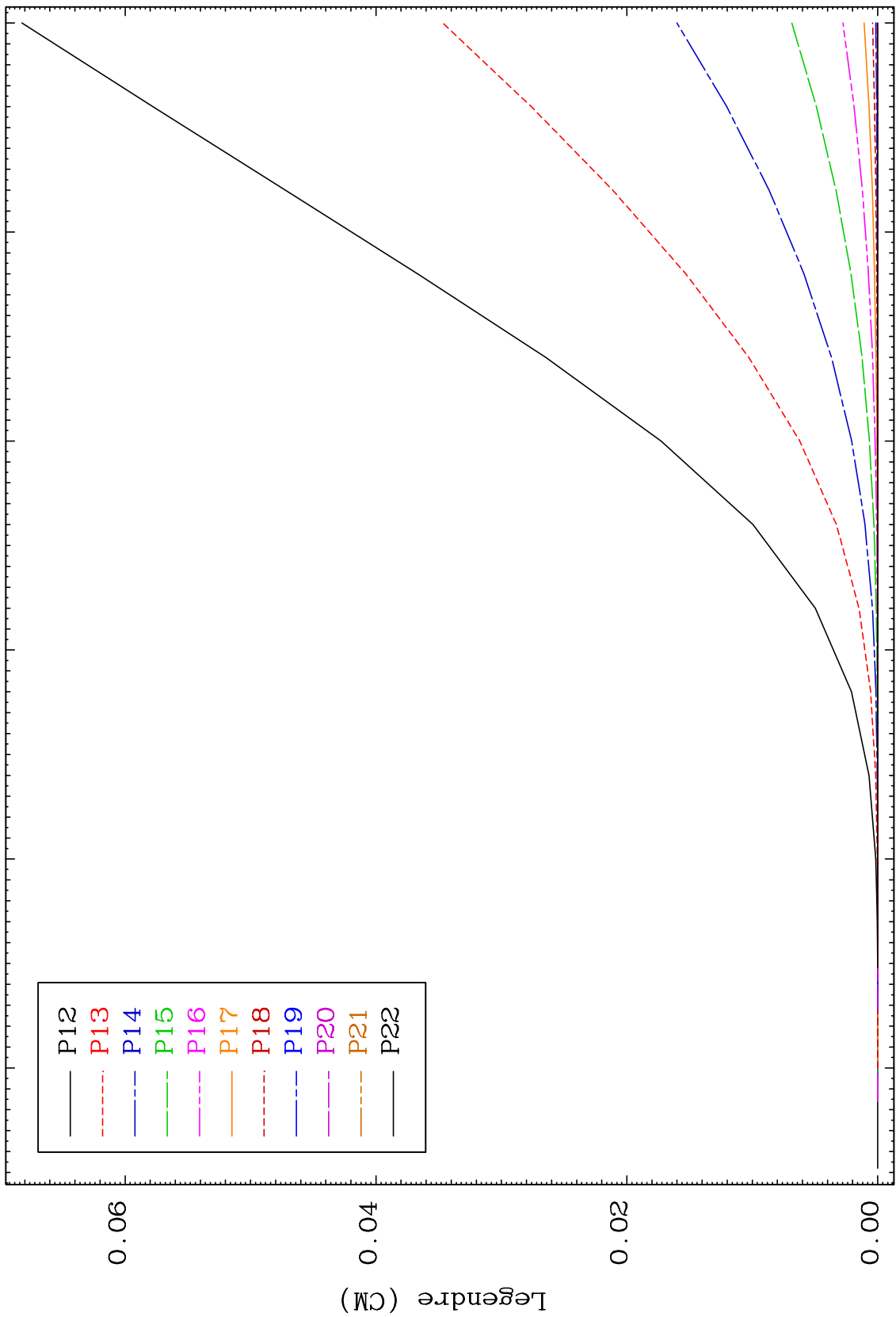
Incident Energy (MeV)

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MAT 2143

Elastic Legendre Coefficients

21-Sc-51



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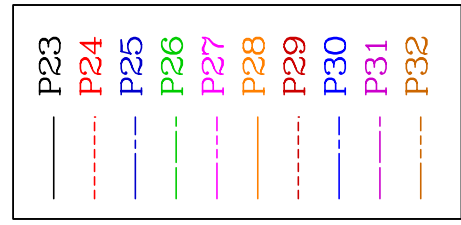
Incident Energy (MeV)

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MAT 2143

Elastic Legendre Coefficients

21-Sc-51



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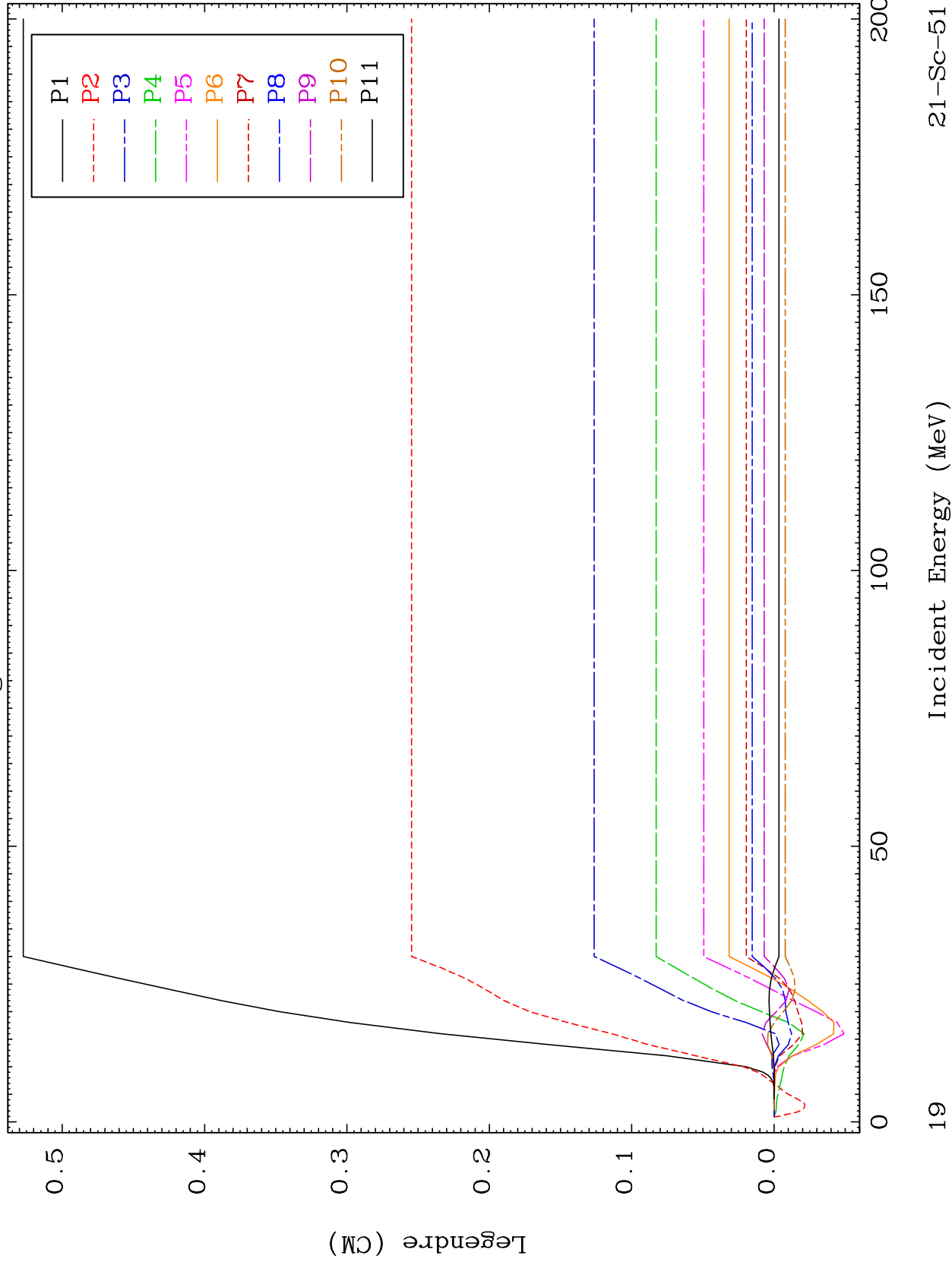
Incident Energy (MeV)

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MAT 2143

861.6 keV (n,n') Level  
Legendre Coefficients

21-Sc-51



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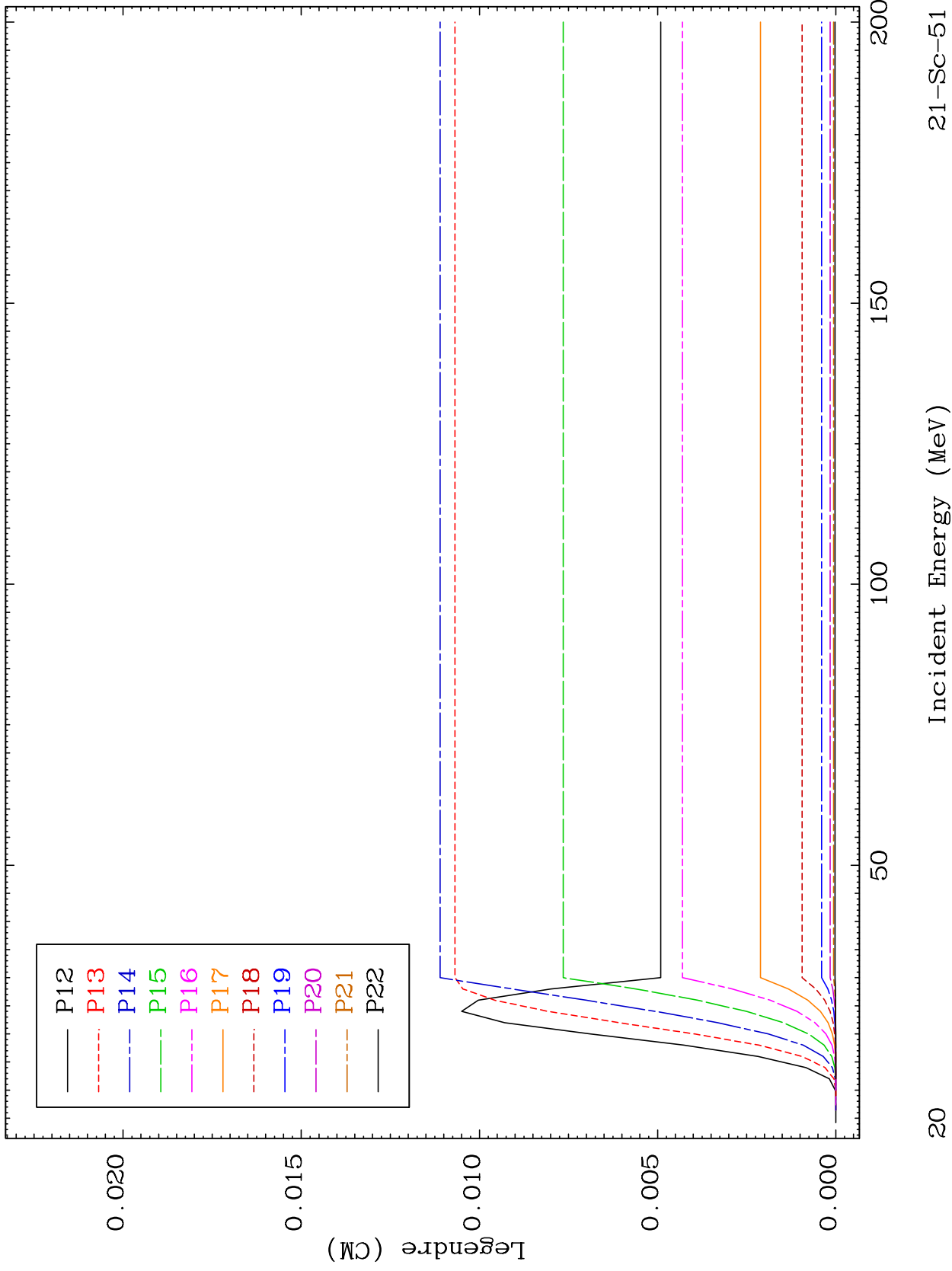
Incident Energy (MeV)

21-Sc-51

MAT 2143

861.6 keV (n,n') Level  
Legendre Coefficients

21-Sc-51



20

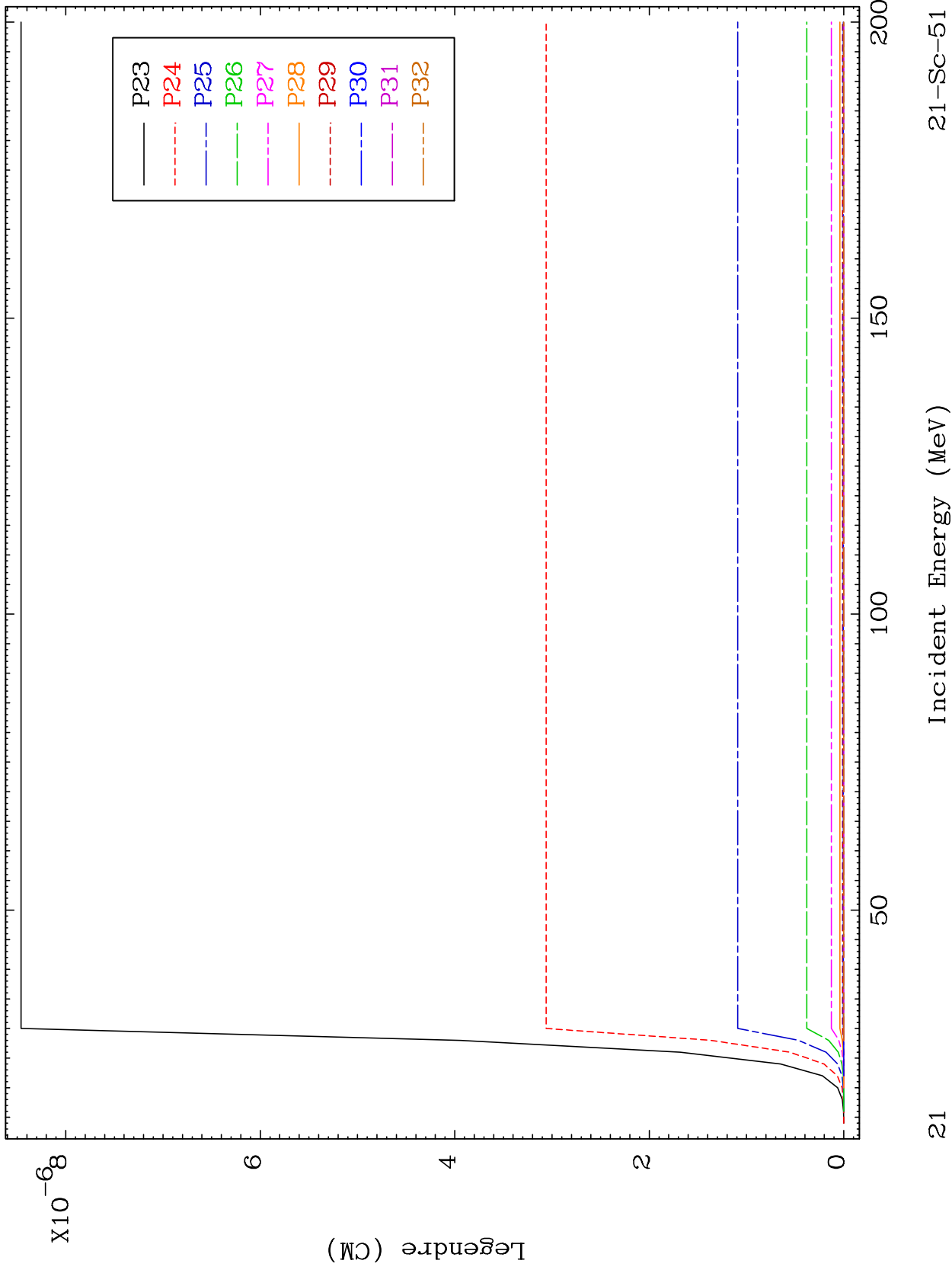
Incident Energy (MeV)

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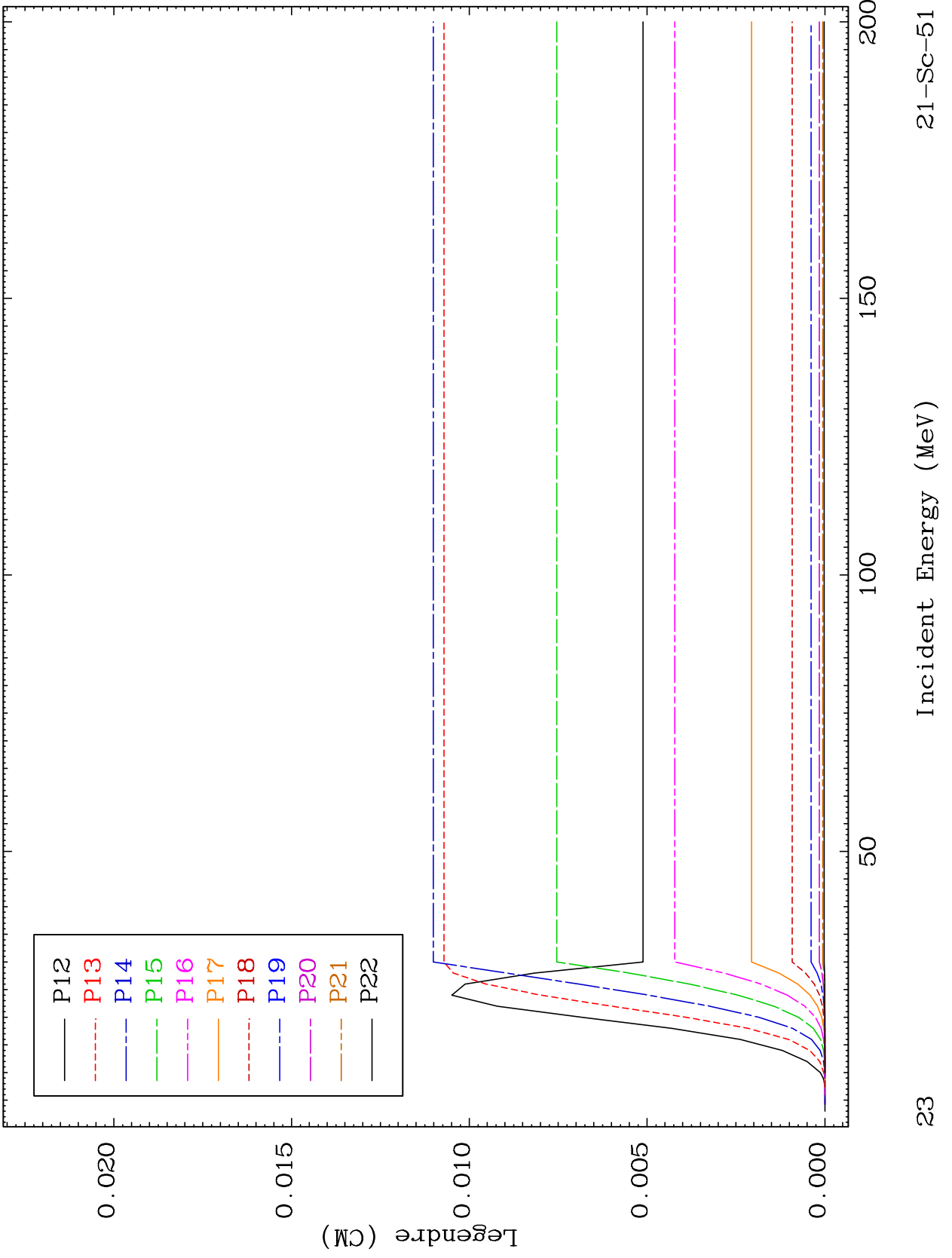
MAT 2143

861.6 keV (n,n') Level  
Legendre Coefficients

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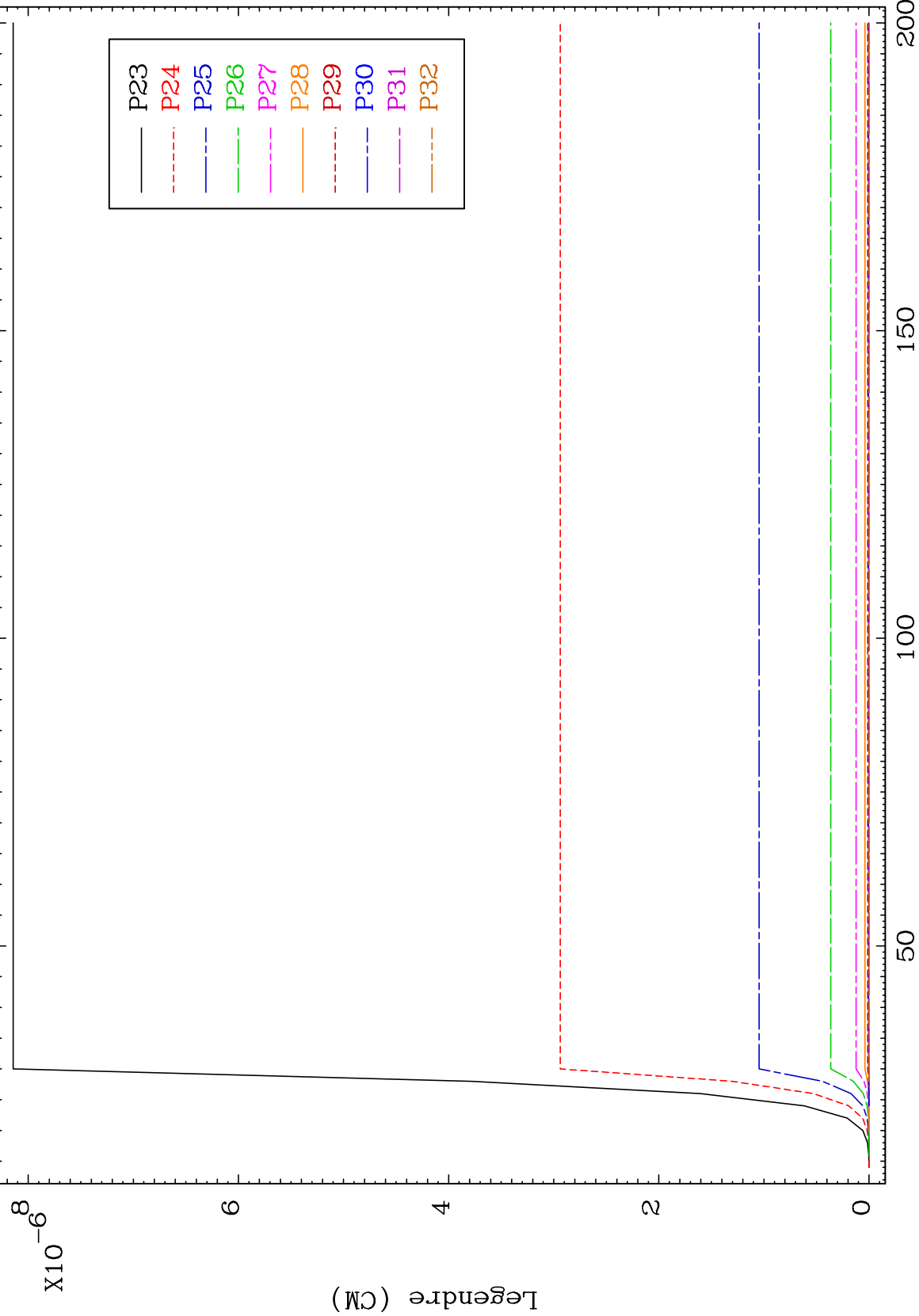




MAT 2143

1.062 MeV (n,n') Level  
Legendre Coefficients

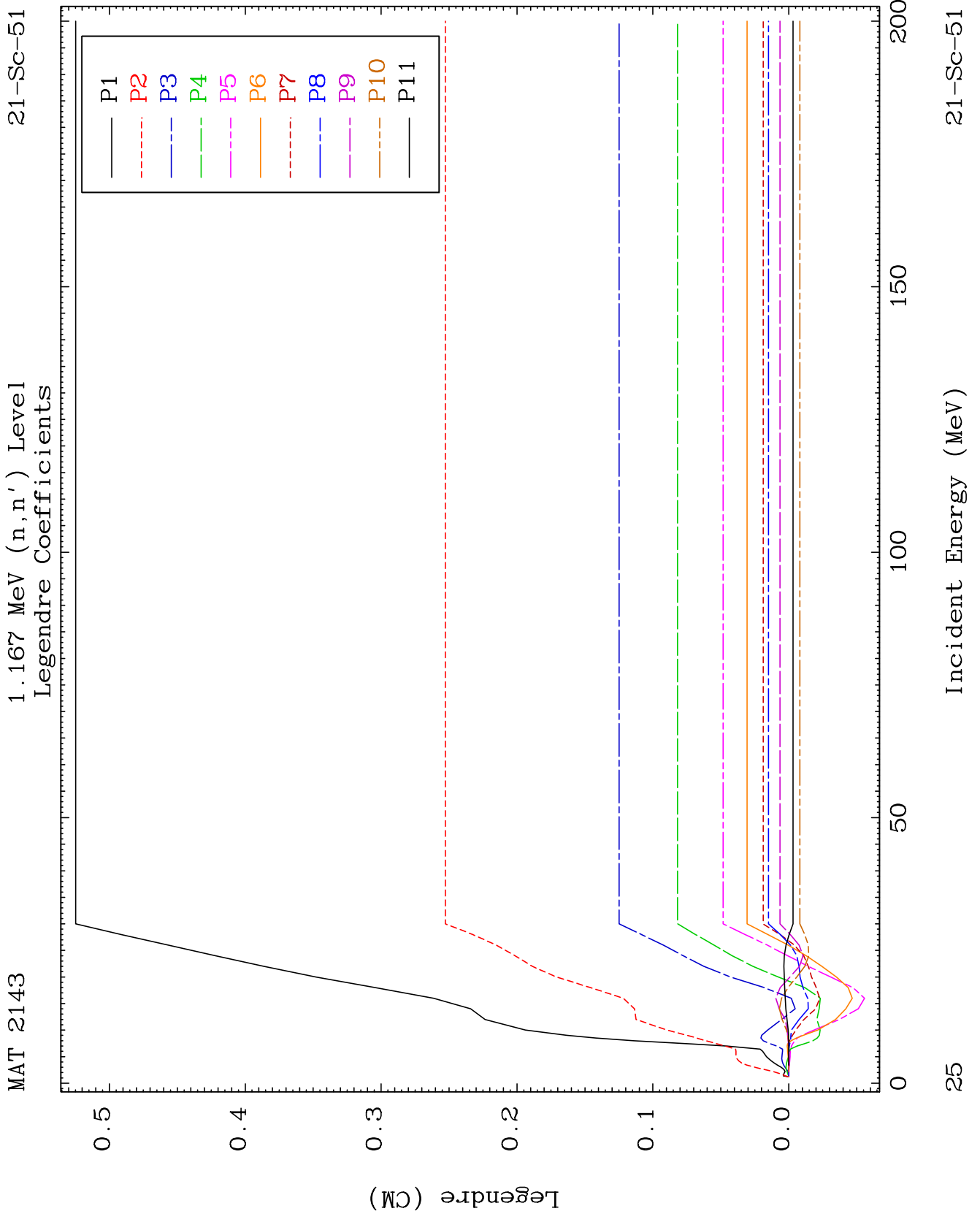
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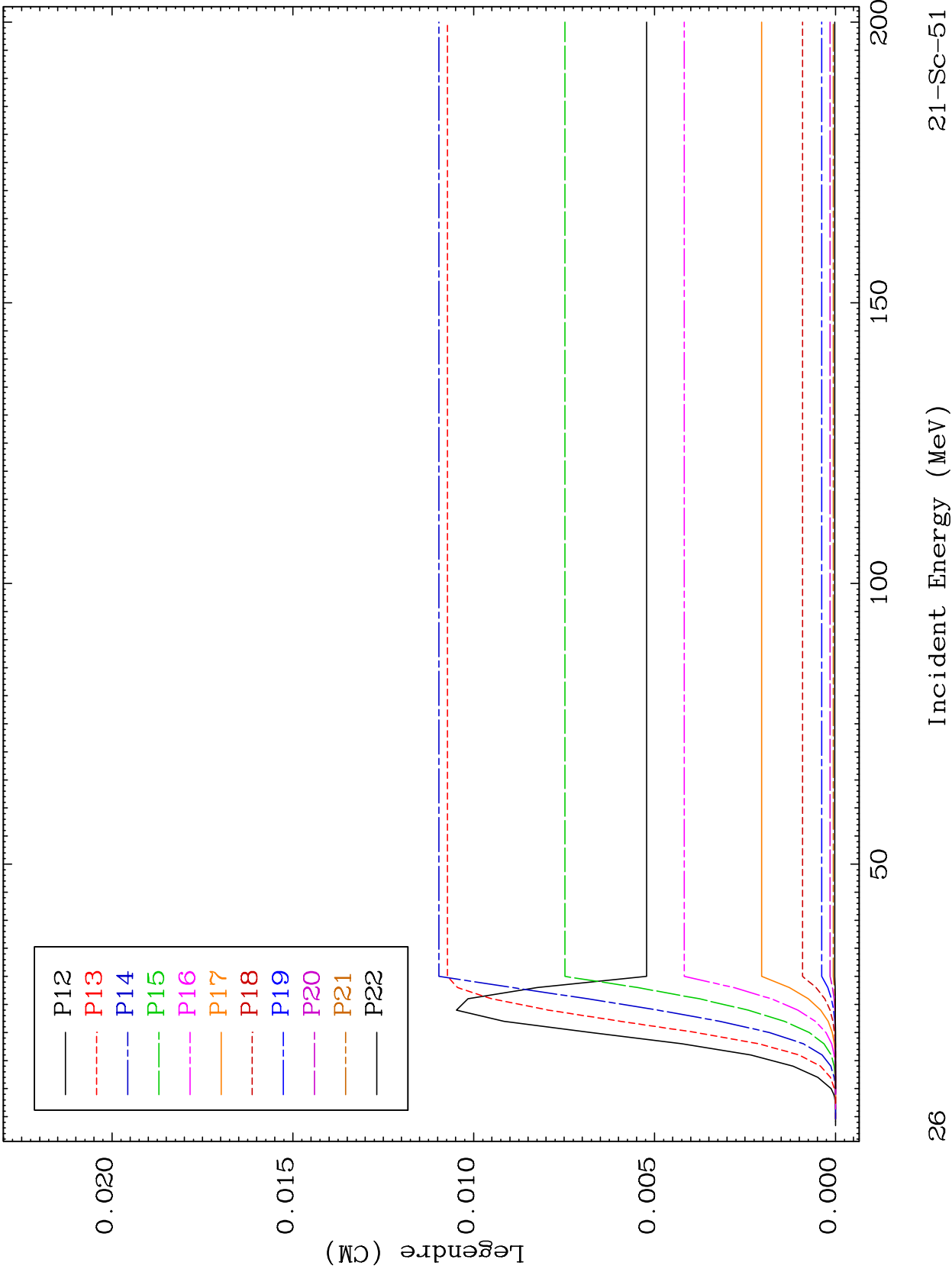


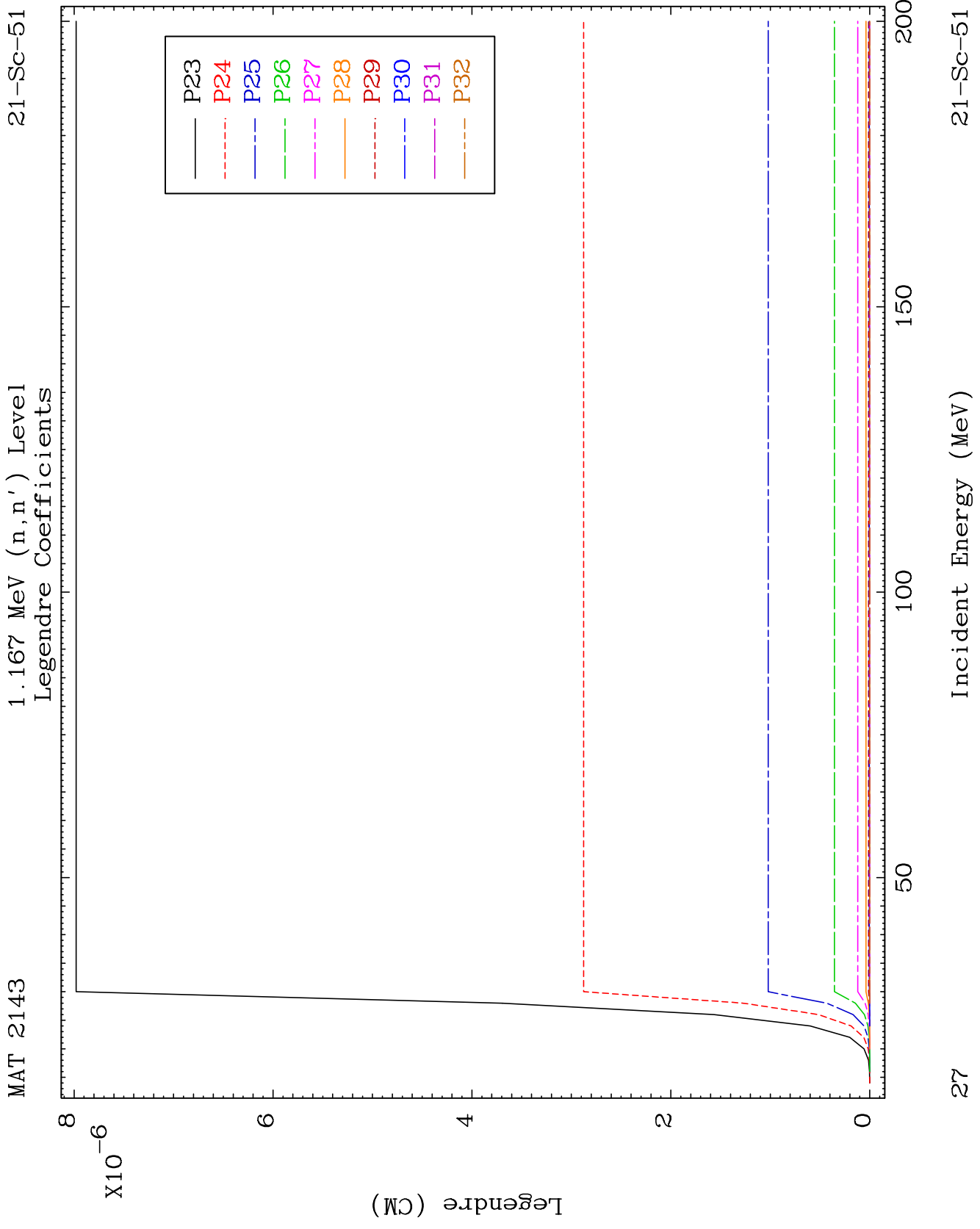
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Incident Energy (MeV)

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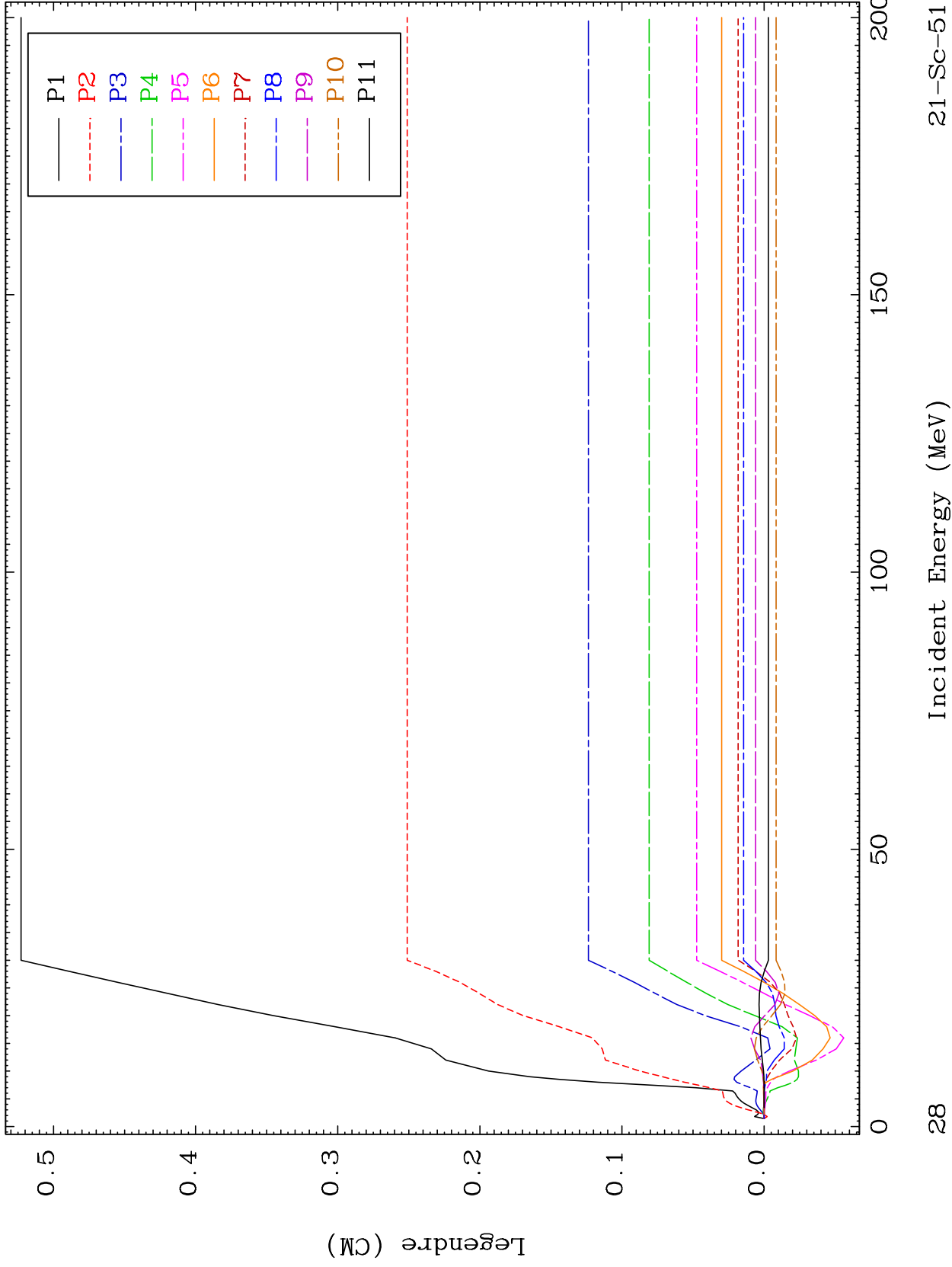




MAT 2143

1.394 MeV (n,n') Level  
Legendre Coefficients

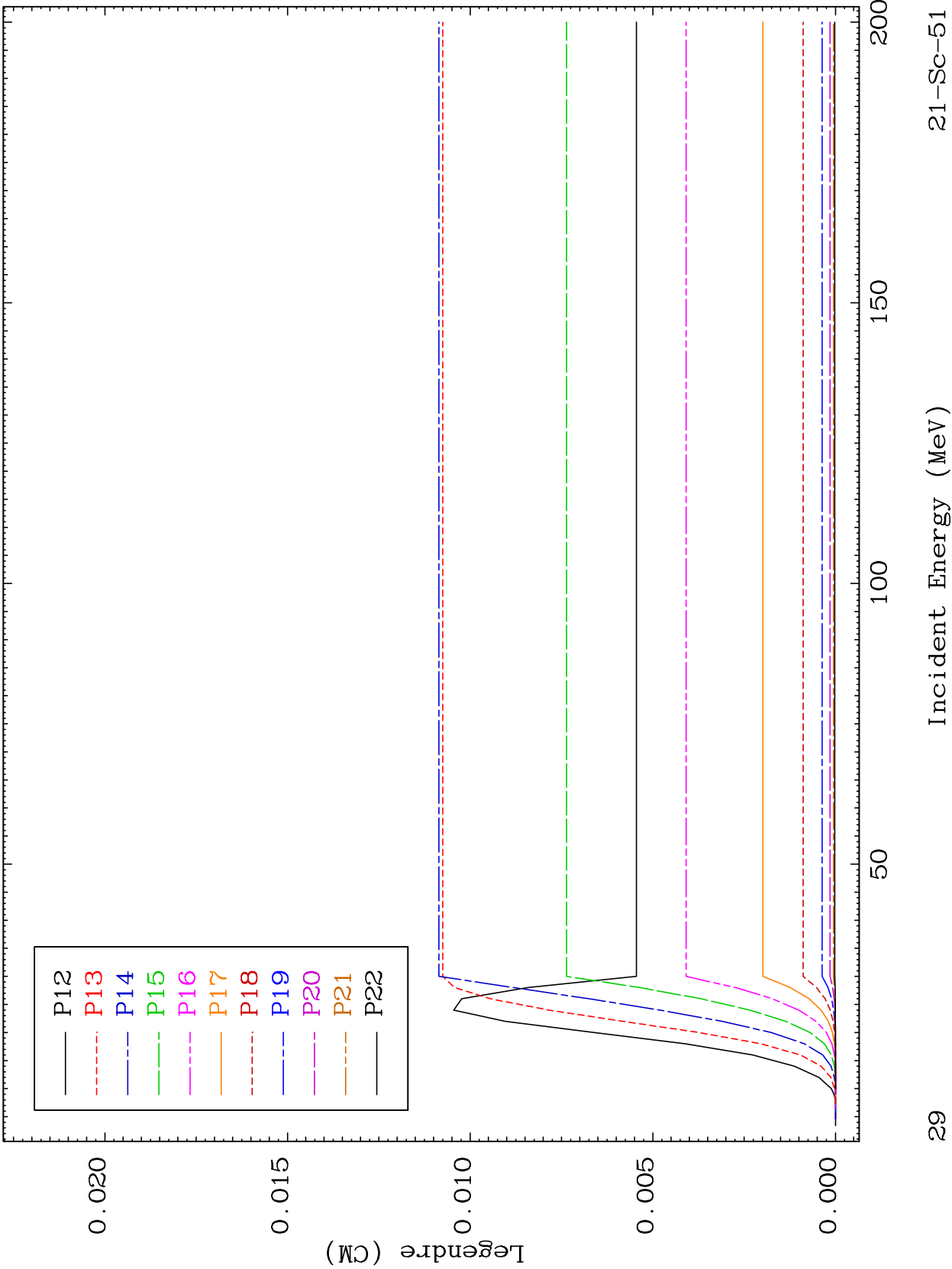
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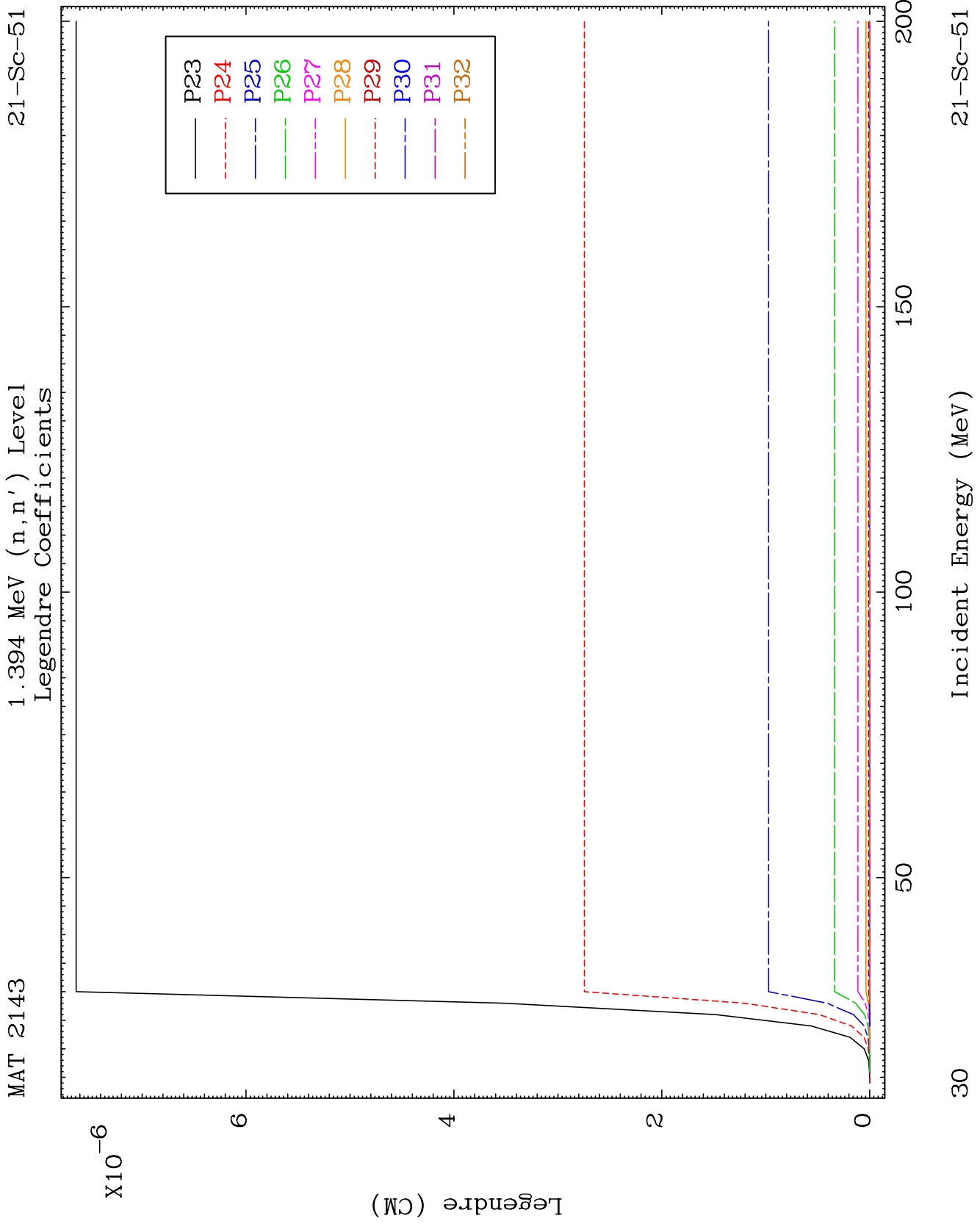


28

Incident Energy (MeV)

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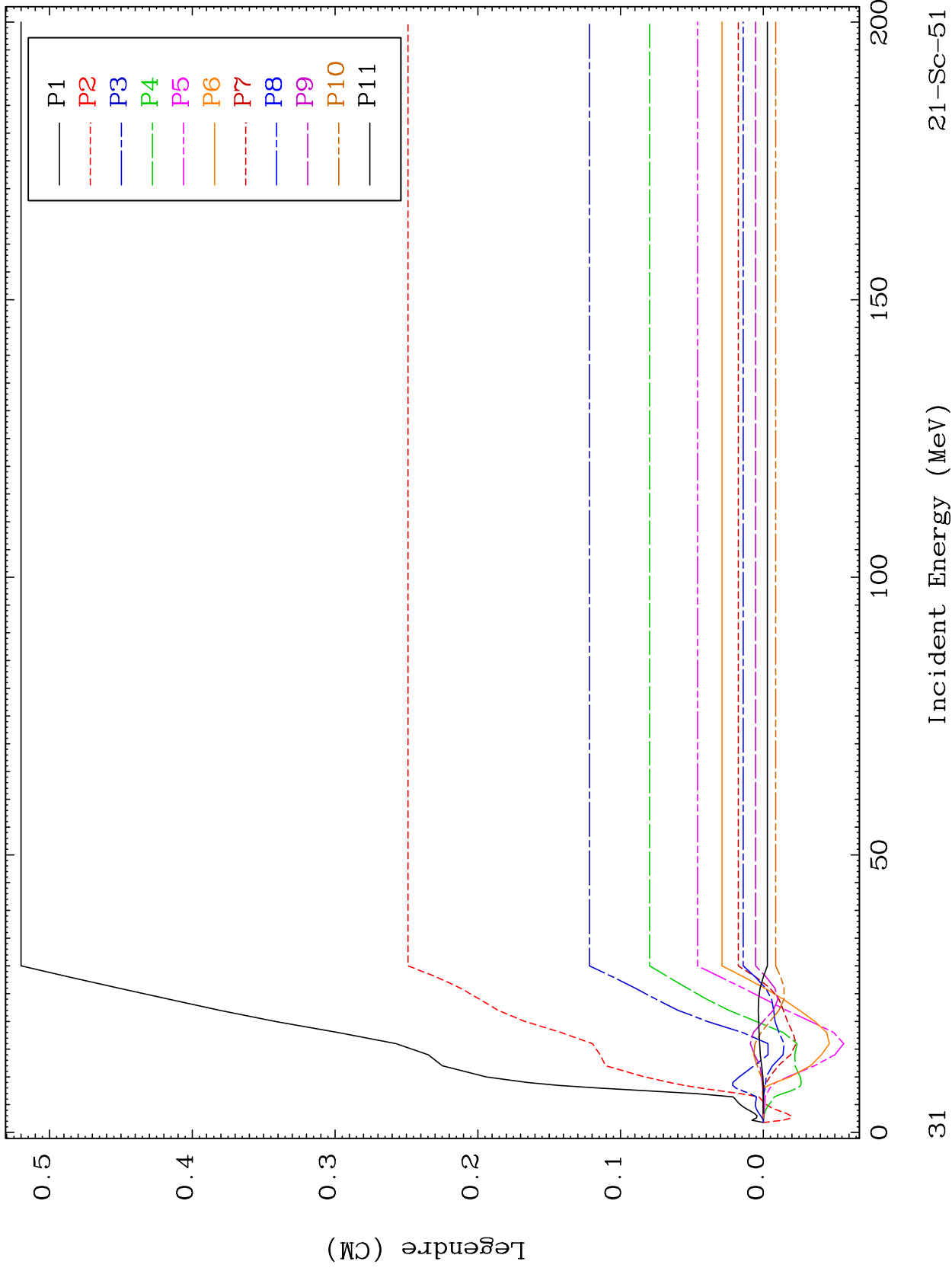




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1.715 MeV (n,n') Level  
Legendre Coefficients

21-Sc-51

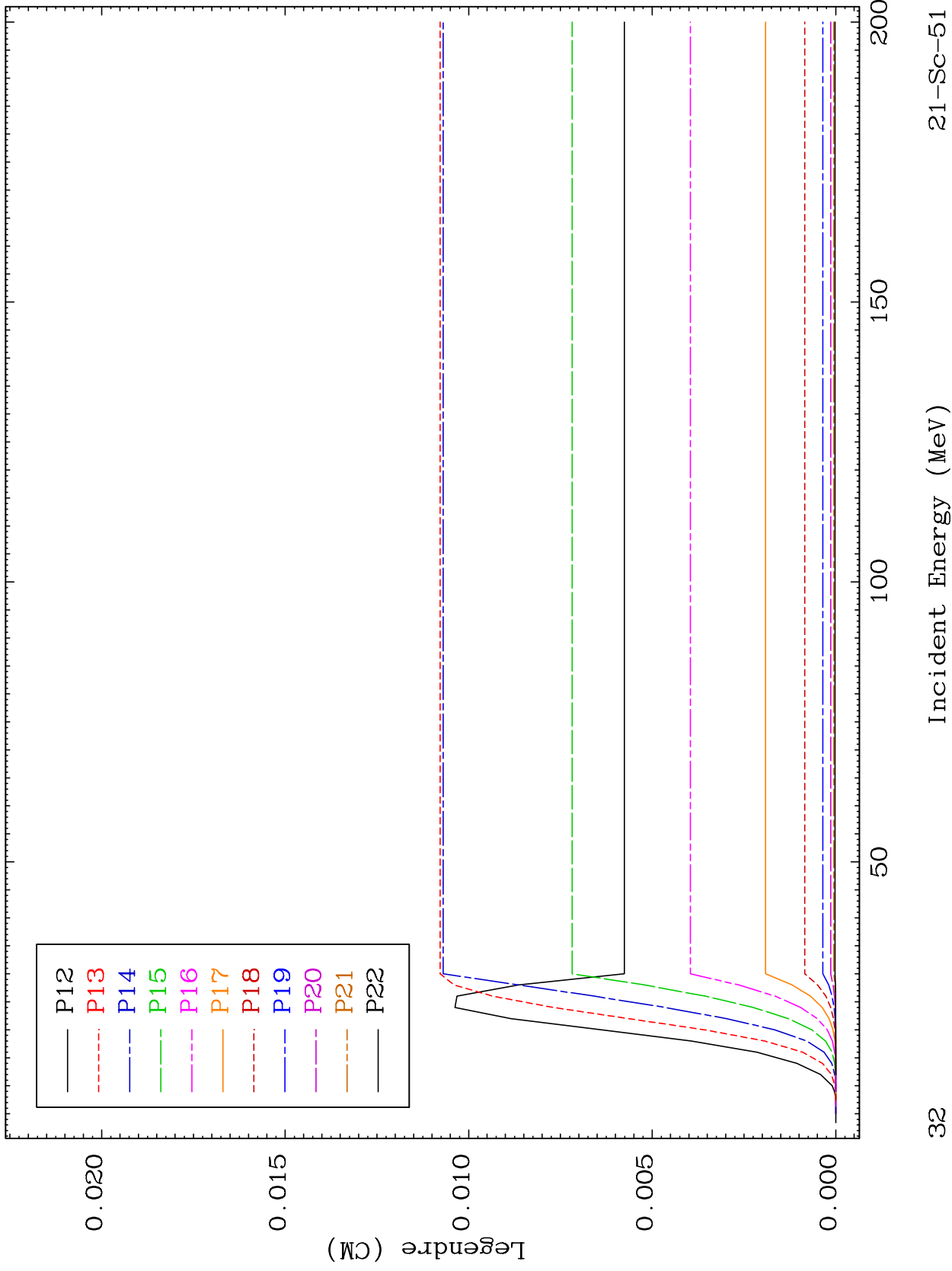


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Incident Energy (MeV)

21-Sc-51

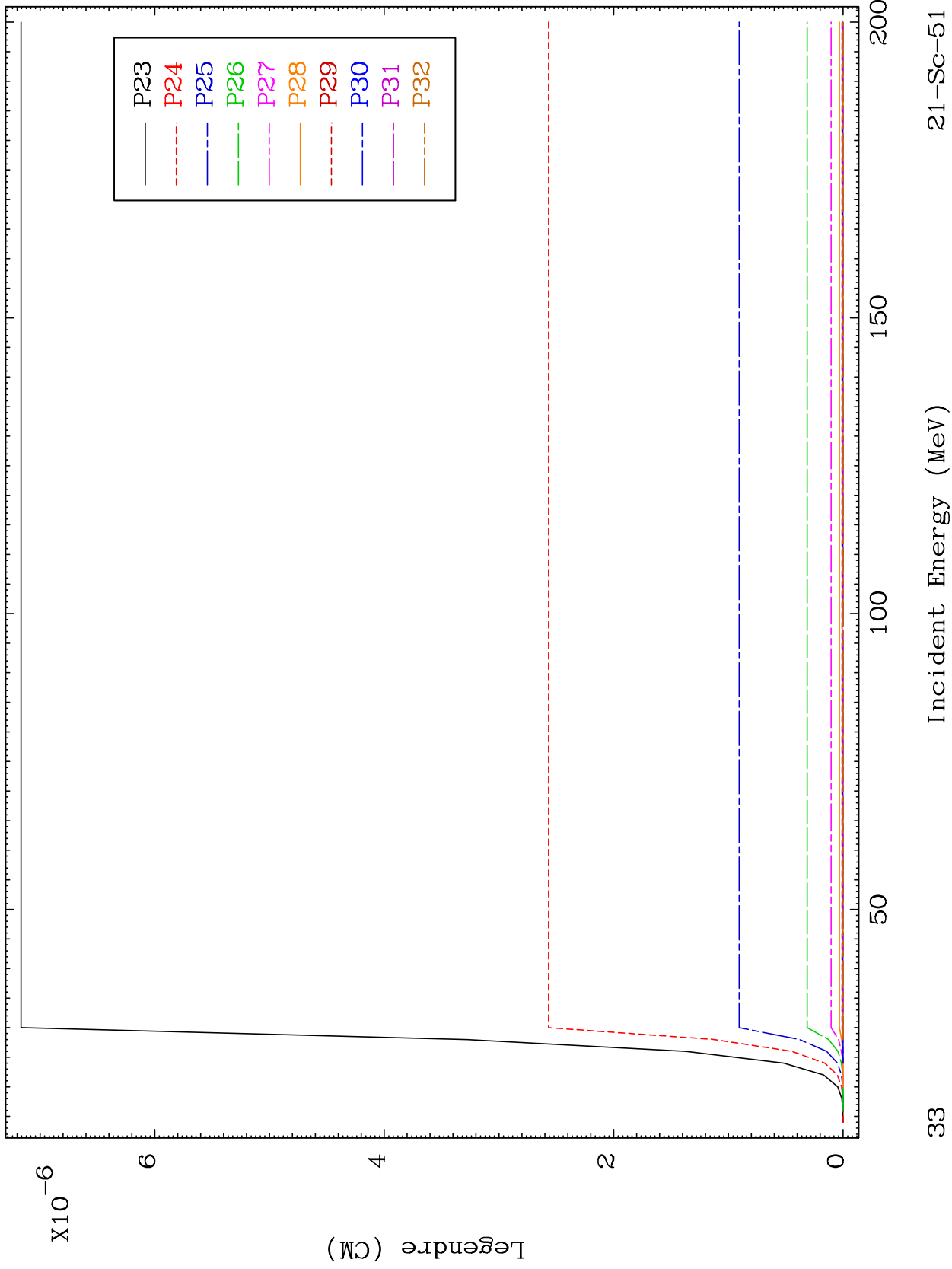




MAT 2143

1.715 MeV (n,n') Level  
Legendre Coefficients

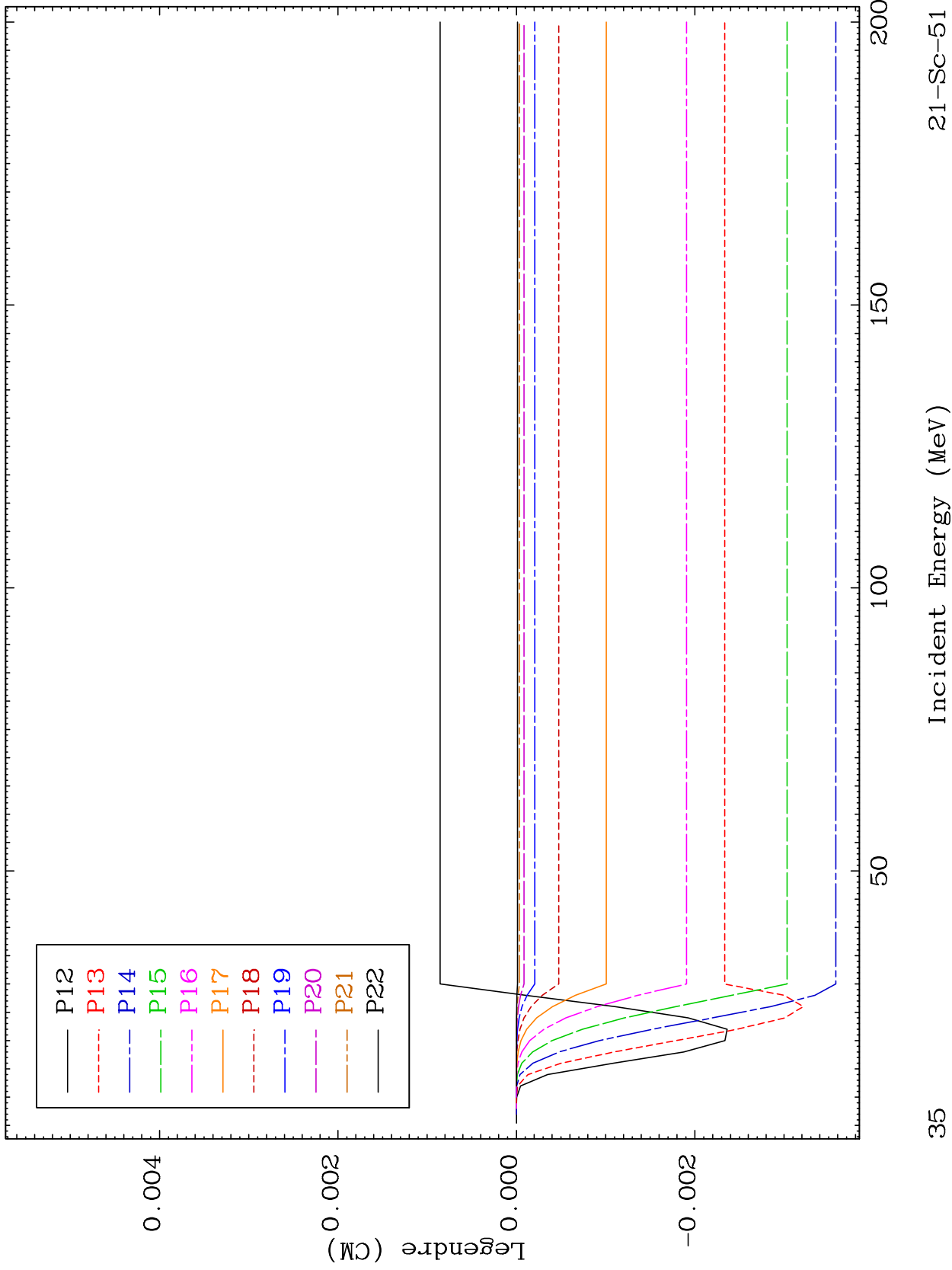
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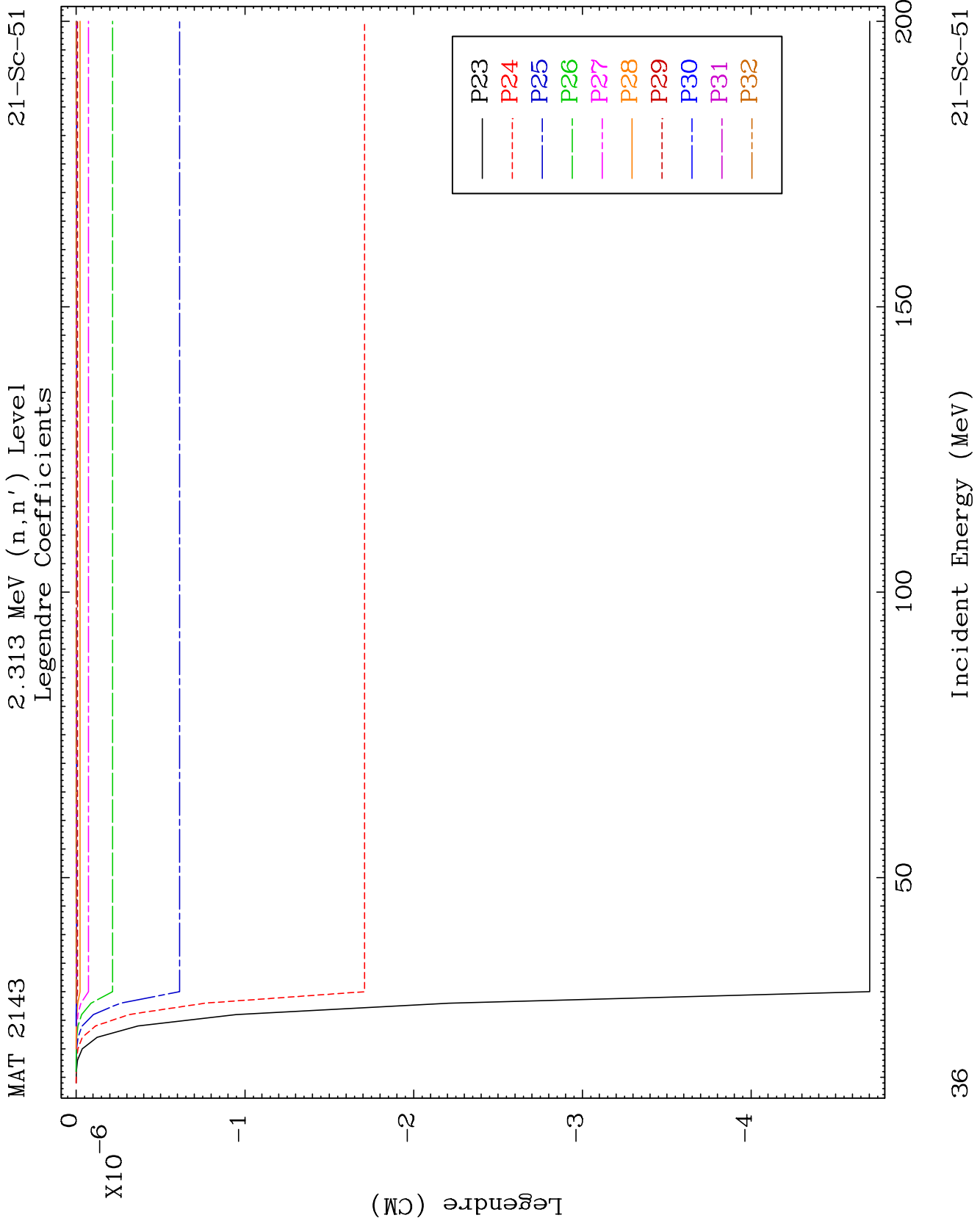


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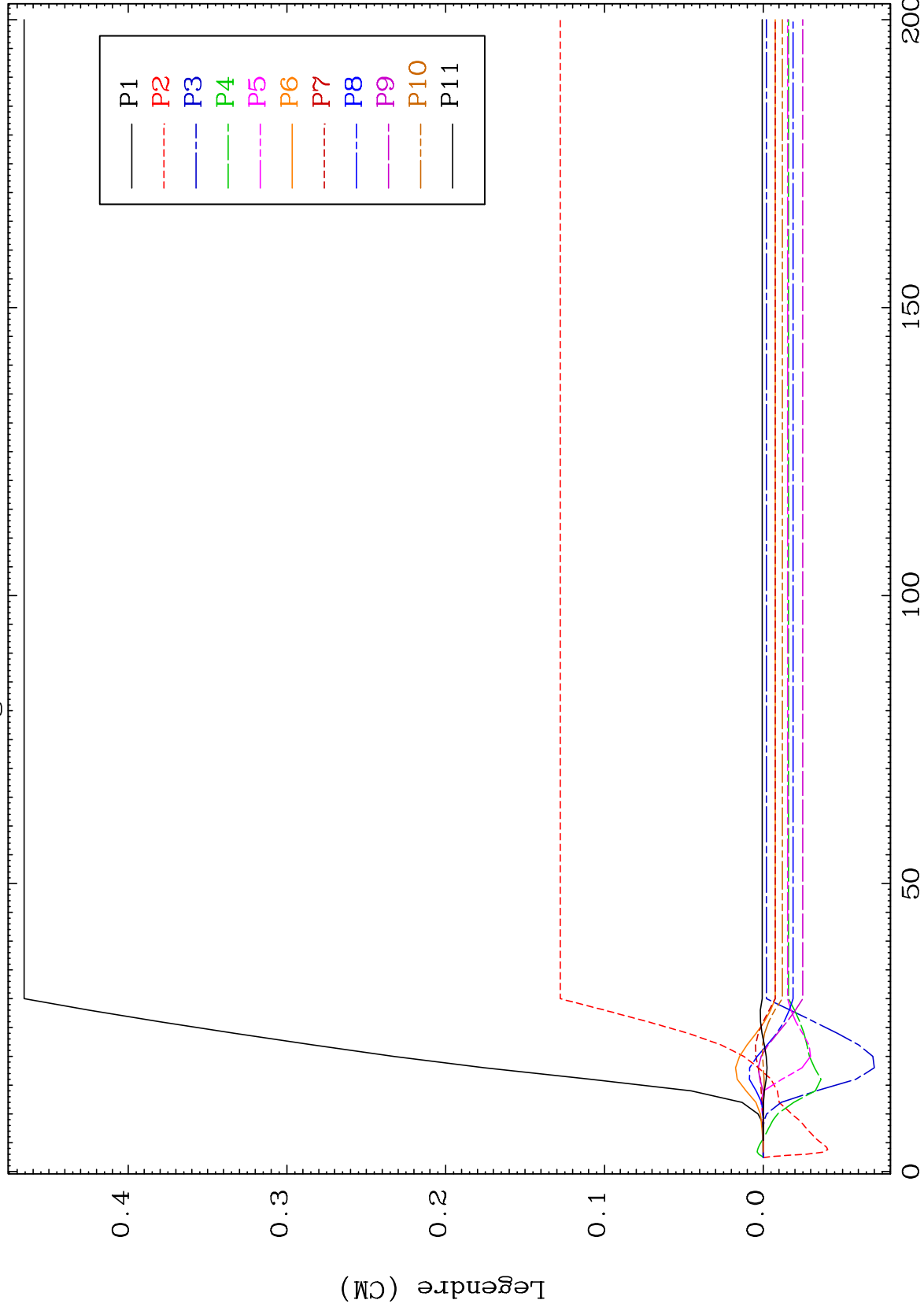




MAT 2143

2.347 MeV (n,n') Level  
Legendre Coefficients

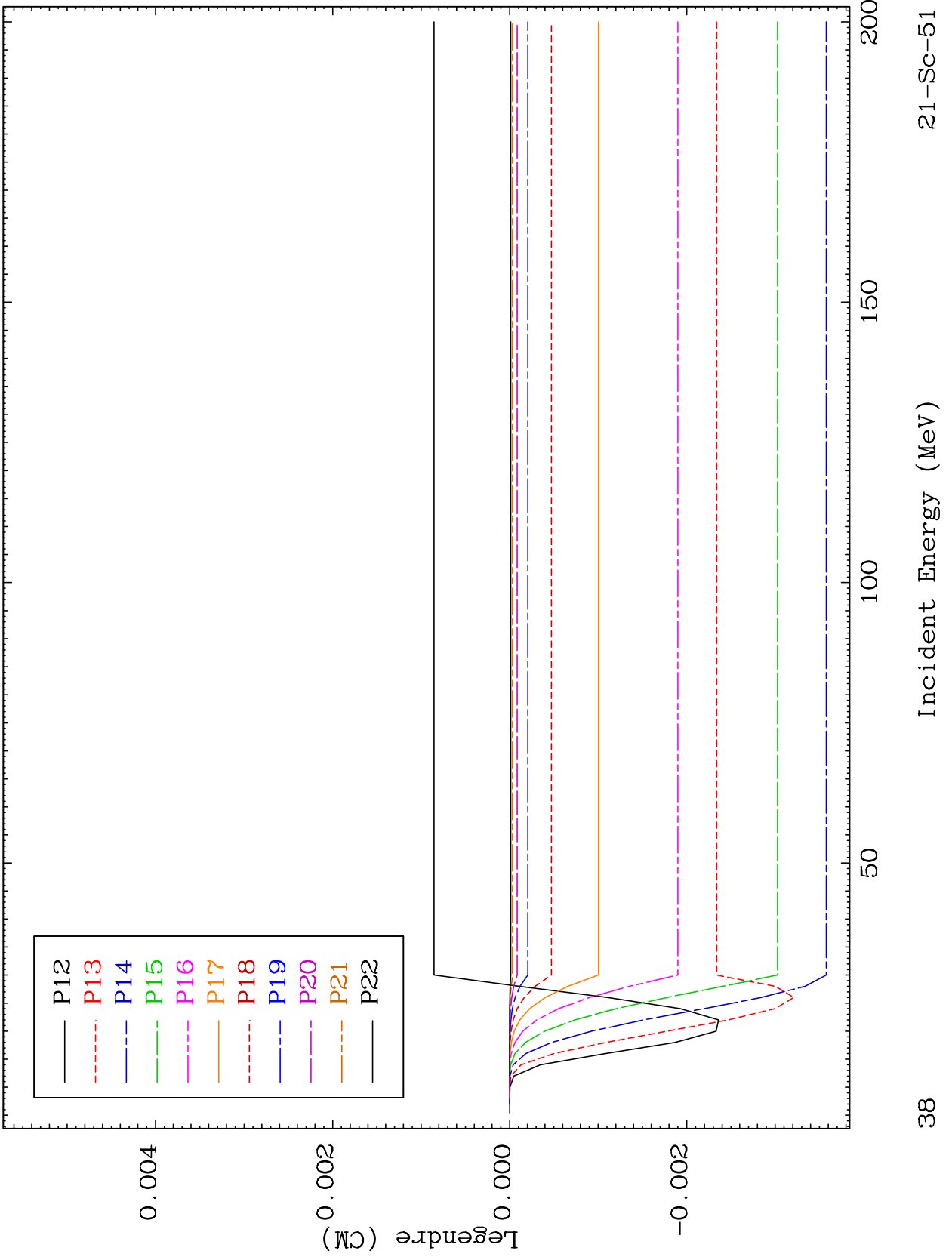
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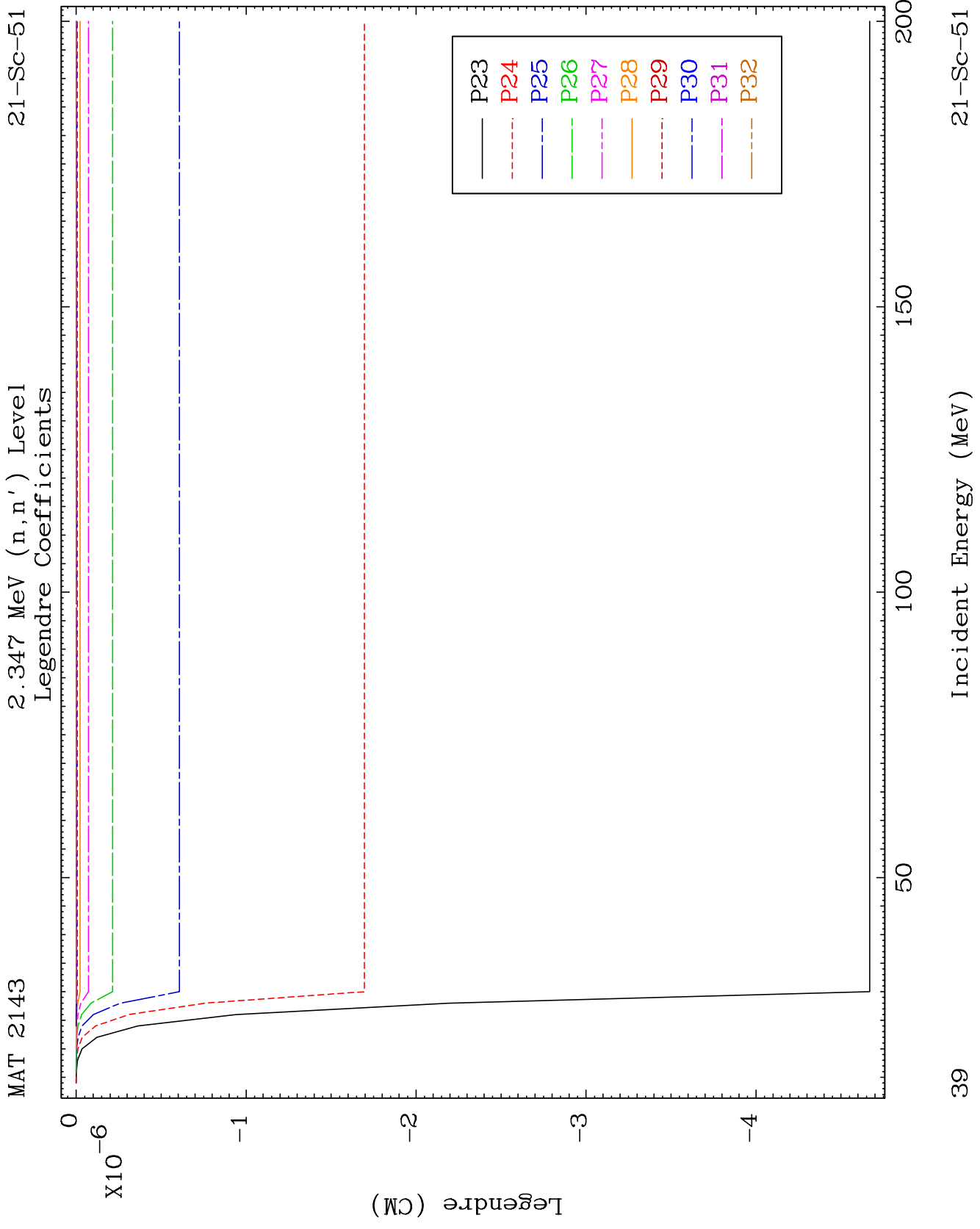


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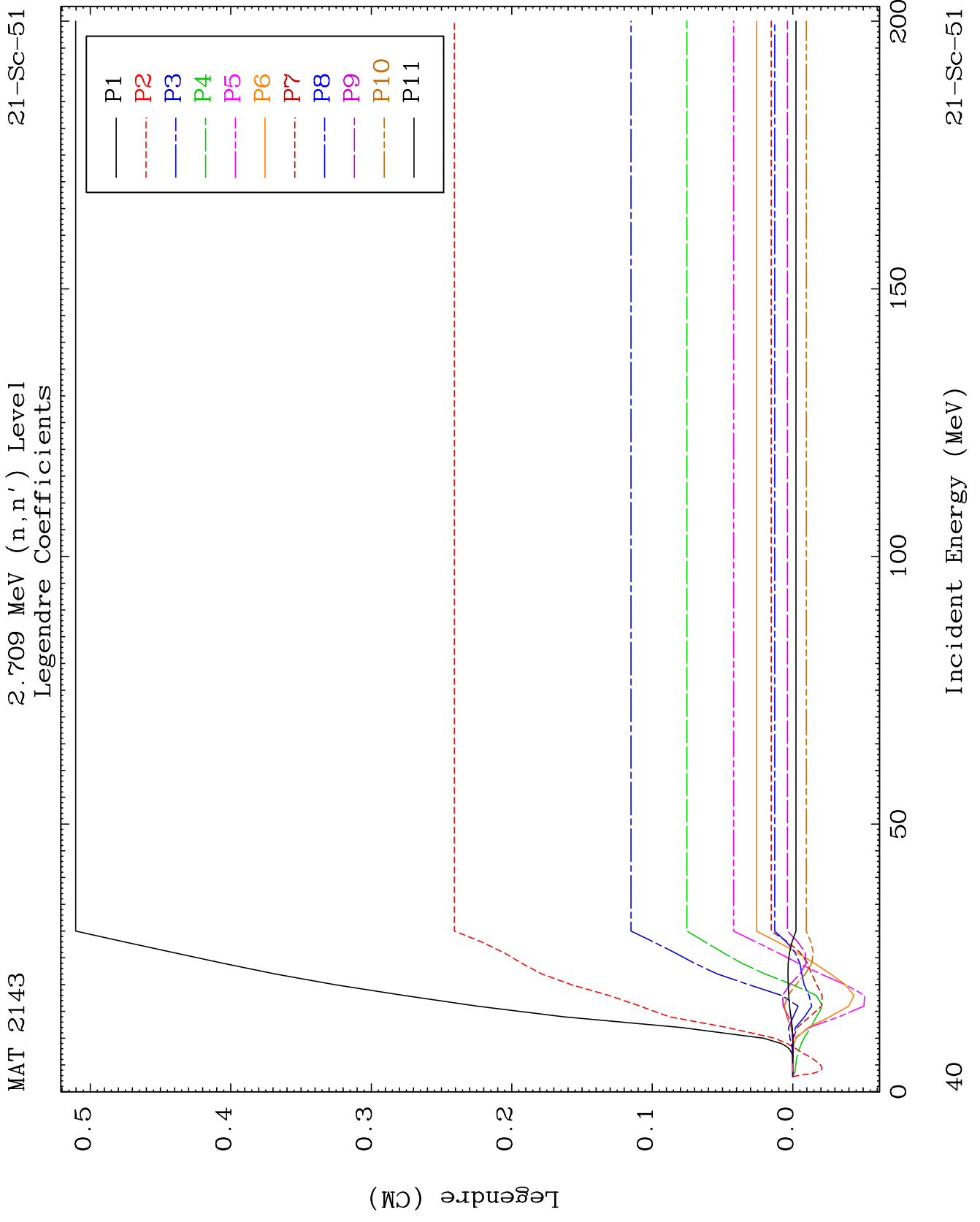
Incident Energy (MeV)

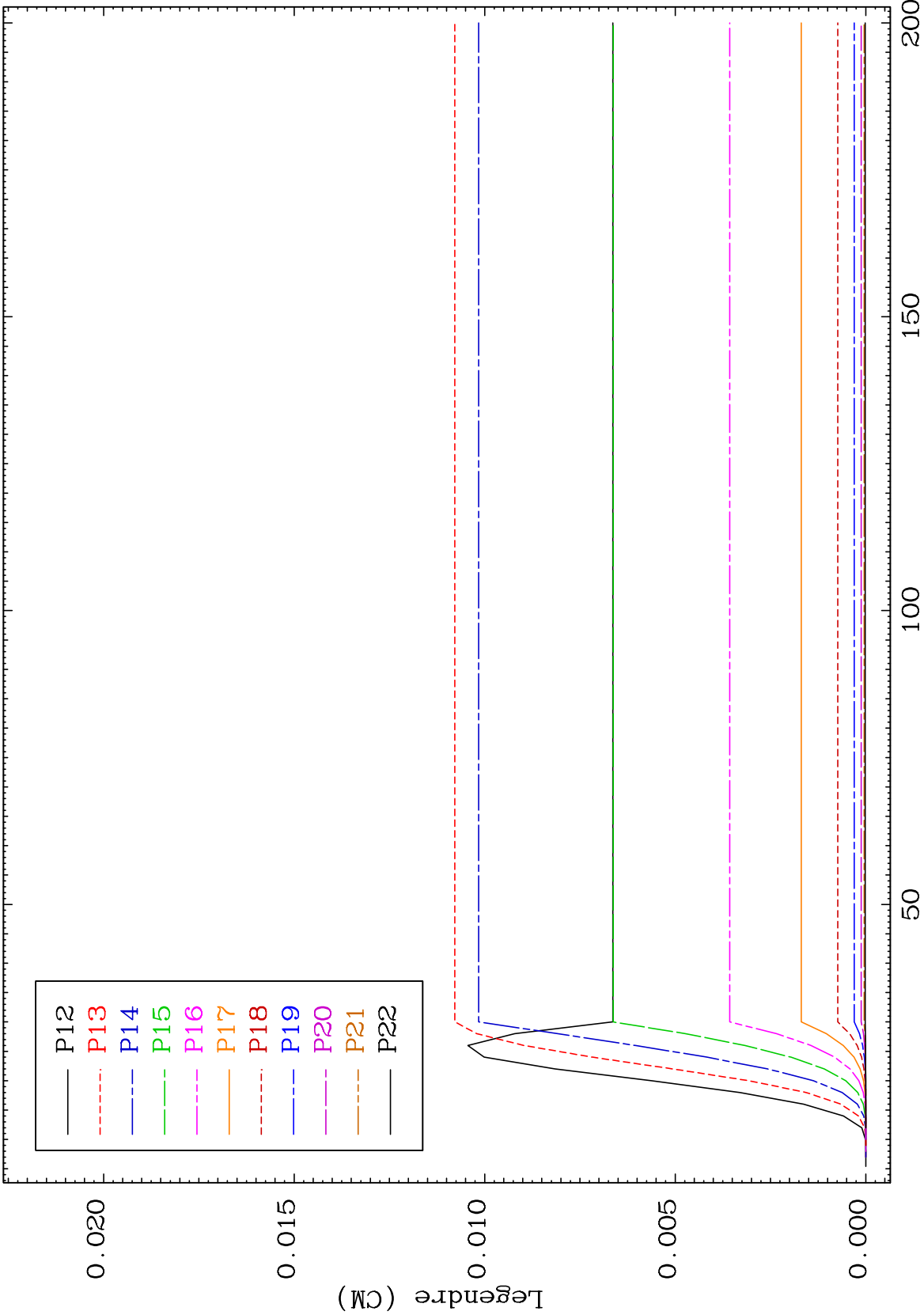
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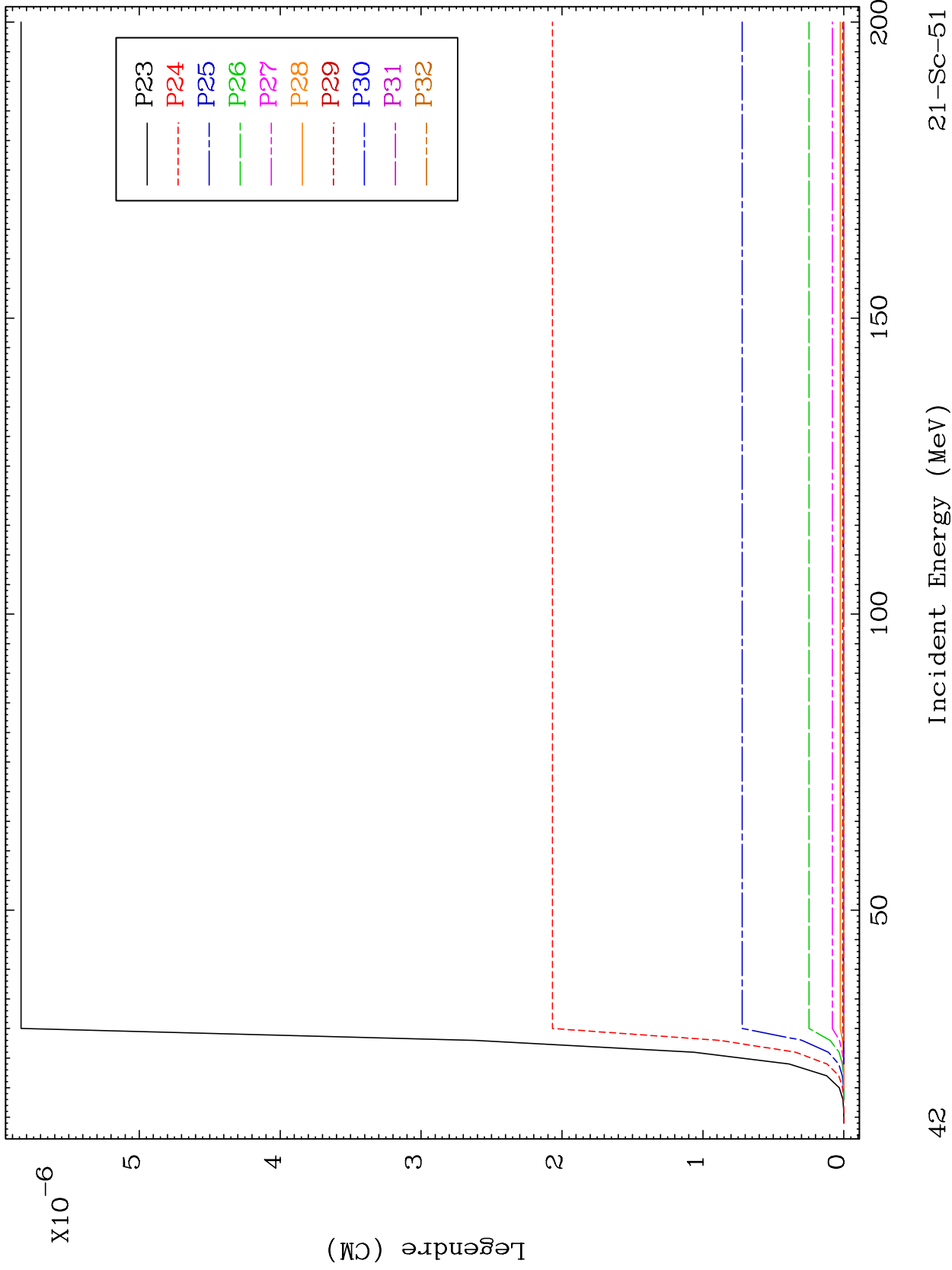




MAT 2143

2.709 MeV (n,n') Level  
Legendre Coefficients

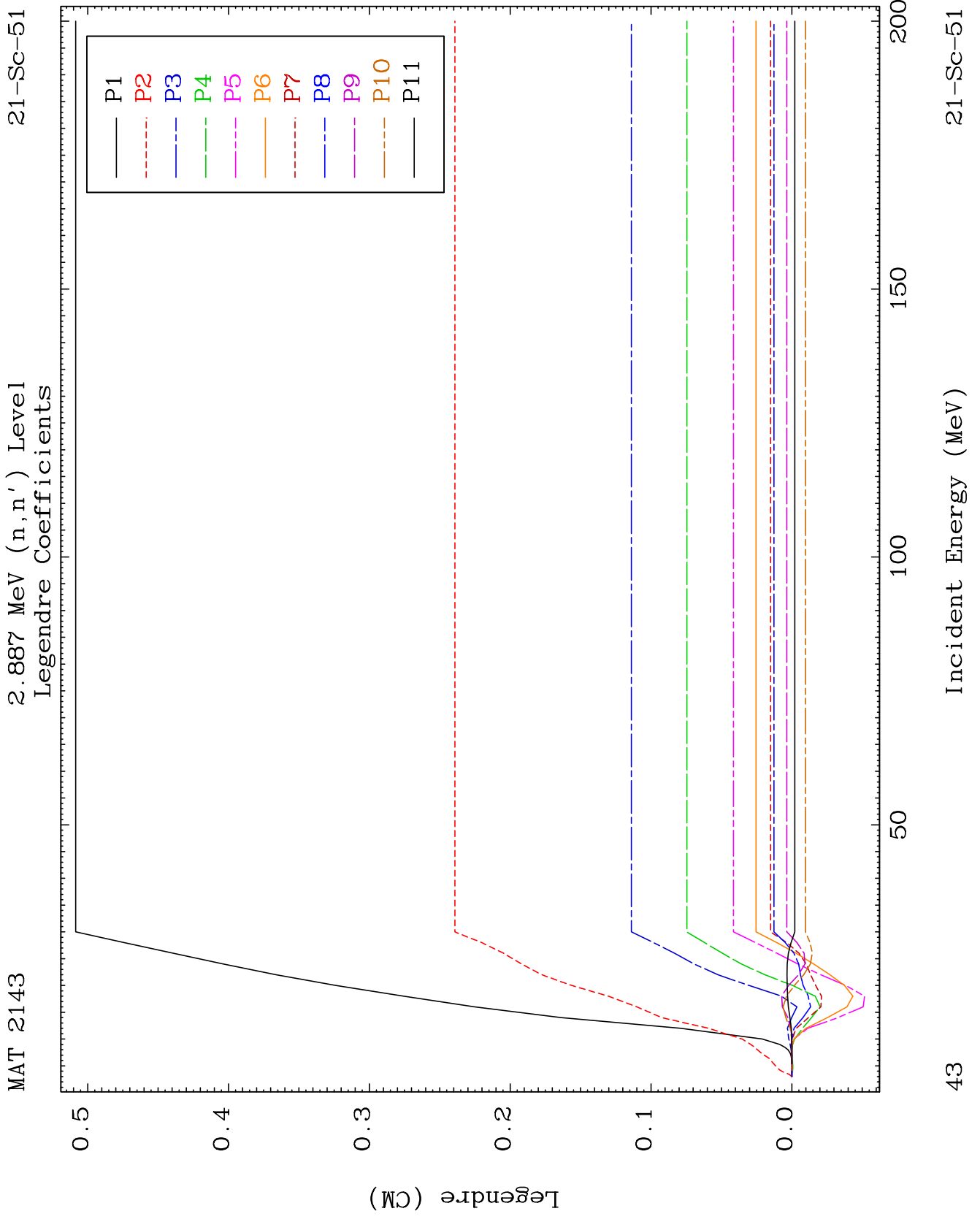
21-Sc-51



42

Incident Energy (MeV)

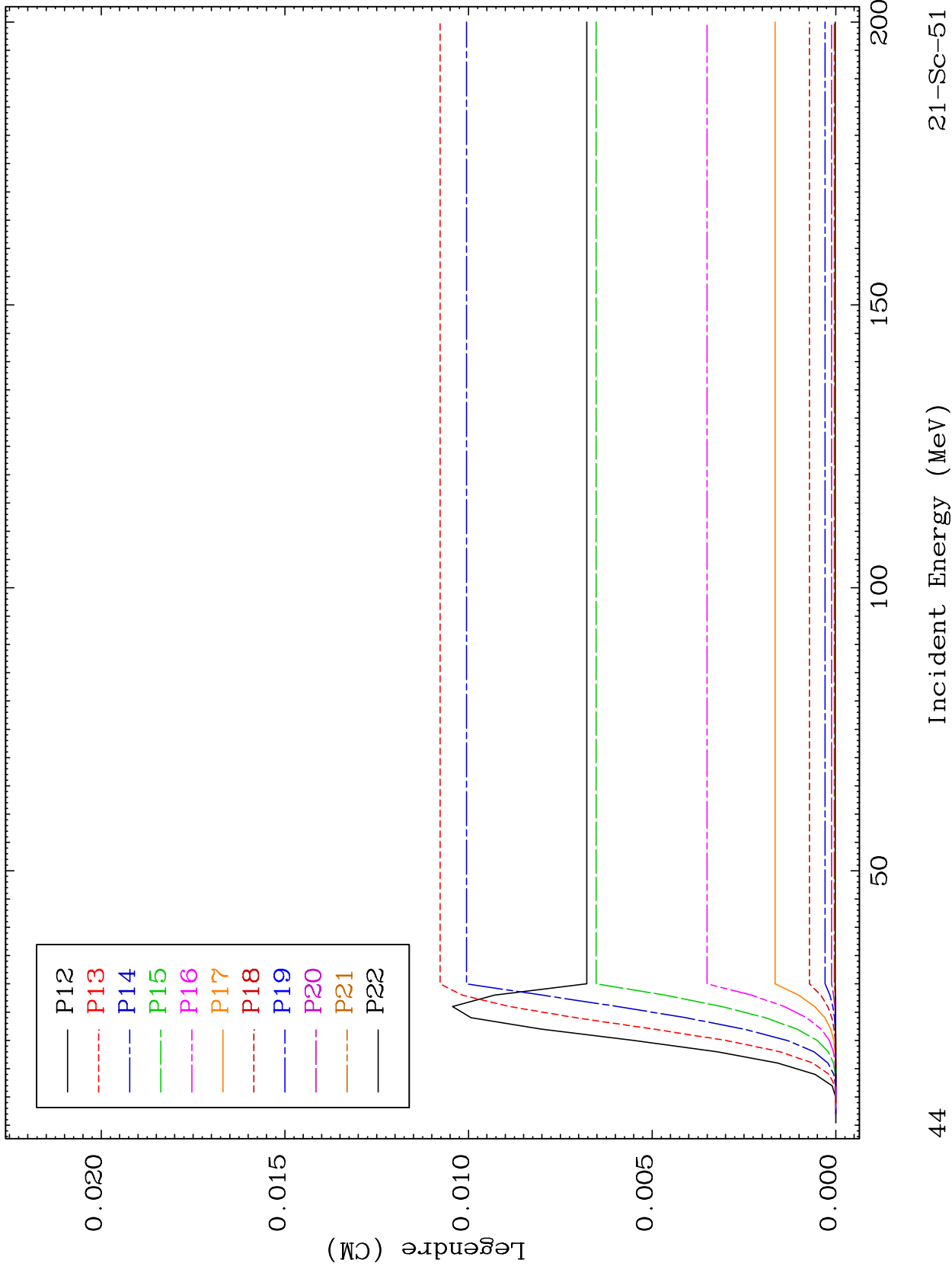
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MAT 2143

2.887 MeV (n, n') Level  
Legendre Coefficients

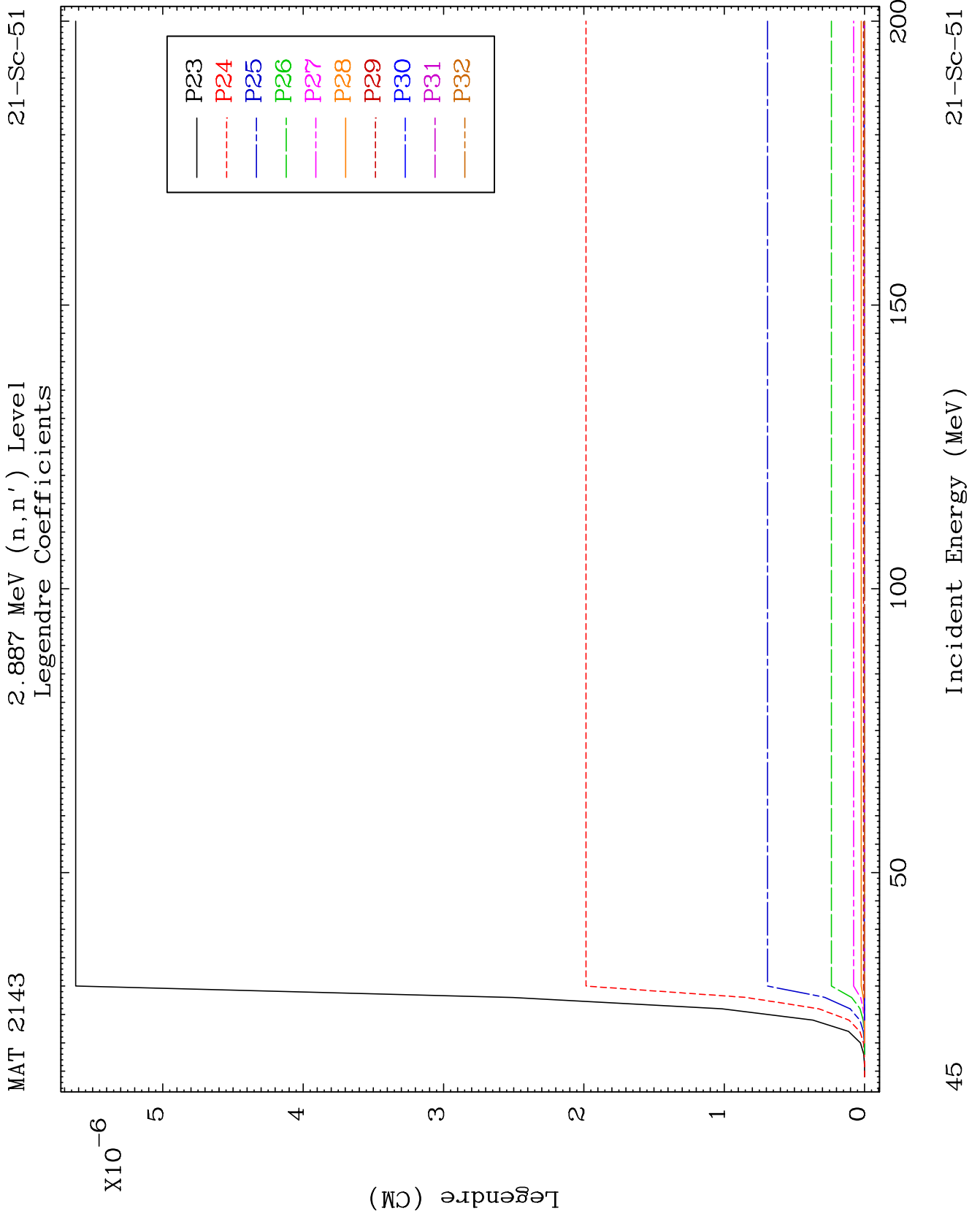
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44

Incident Energy (MeV)

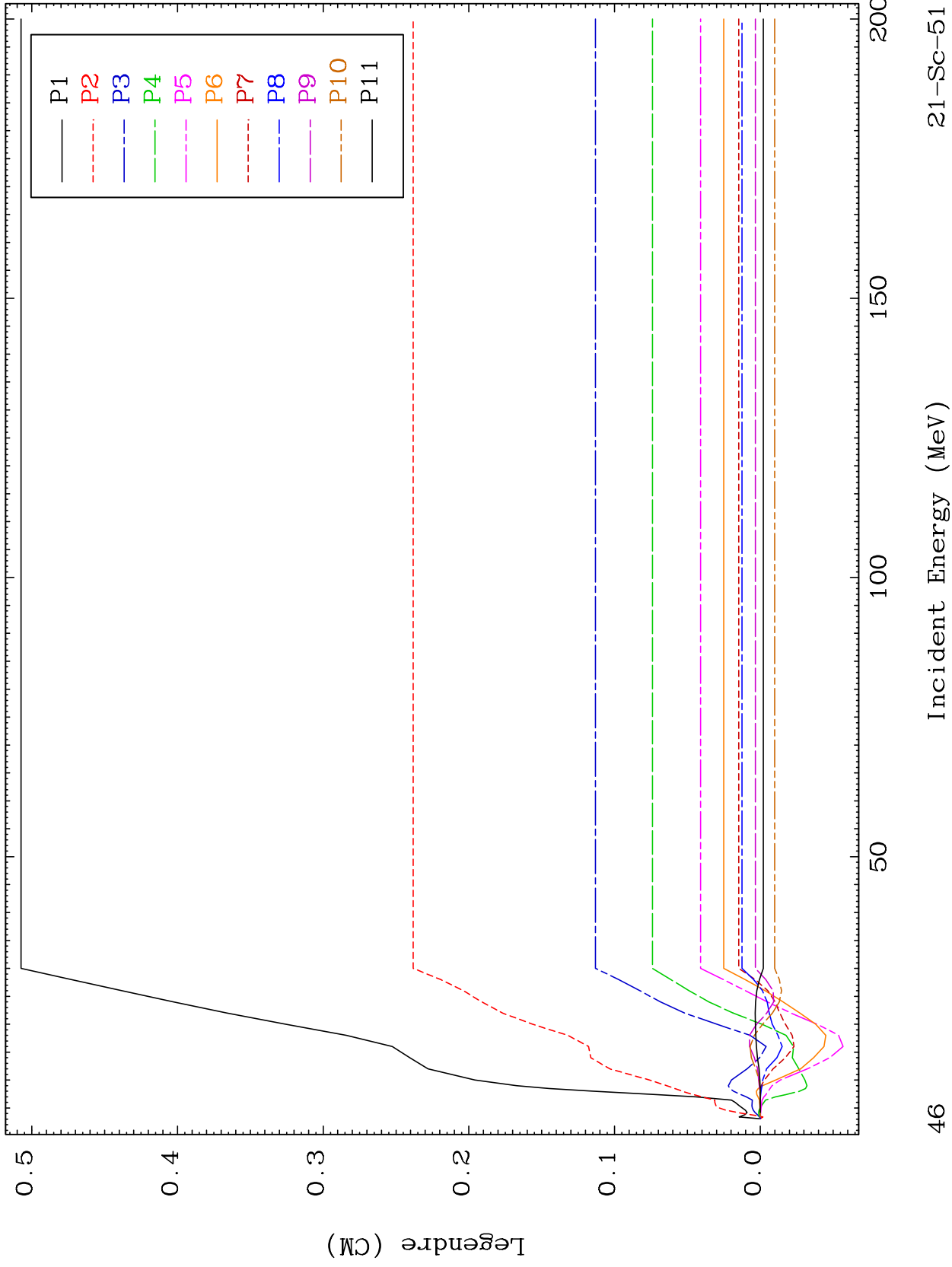
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MAT 2143

2.996 MeV (n,n') Level  
Legendre Coefficients

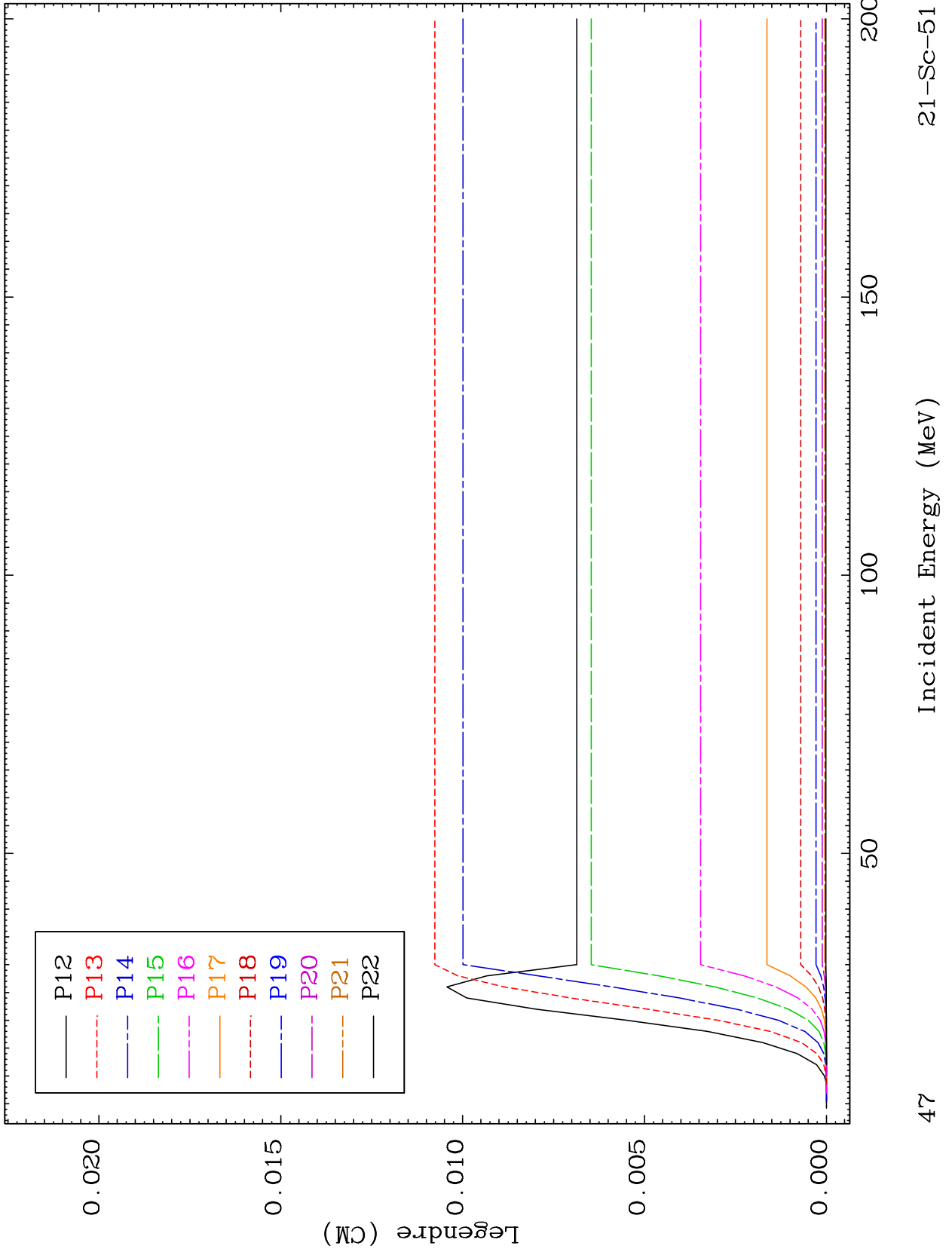
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46

Incident Energy (MeV)

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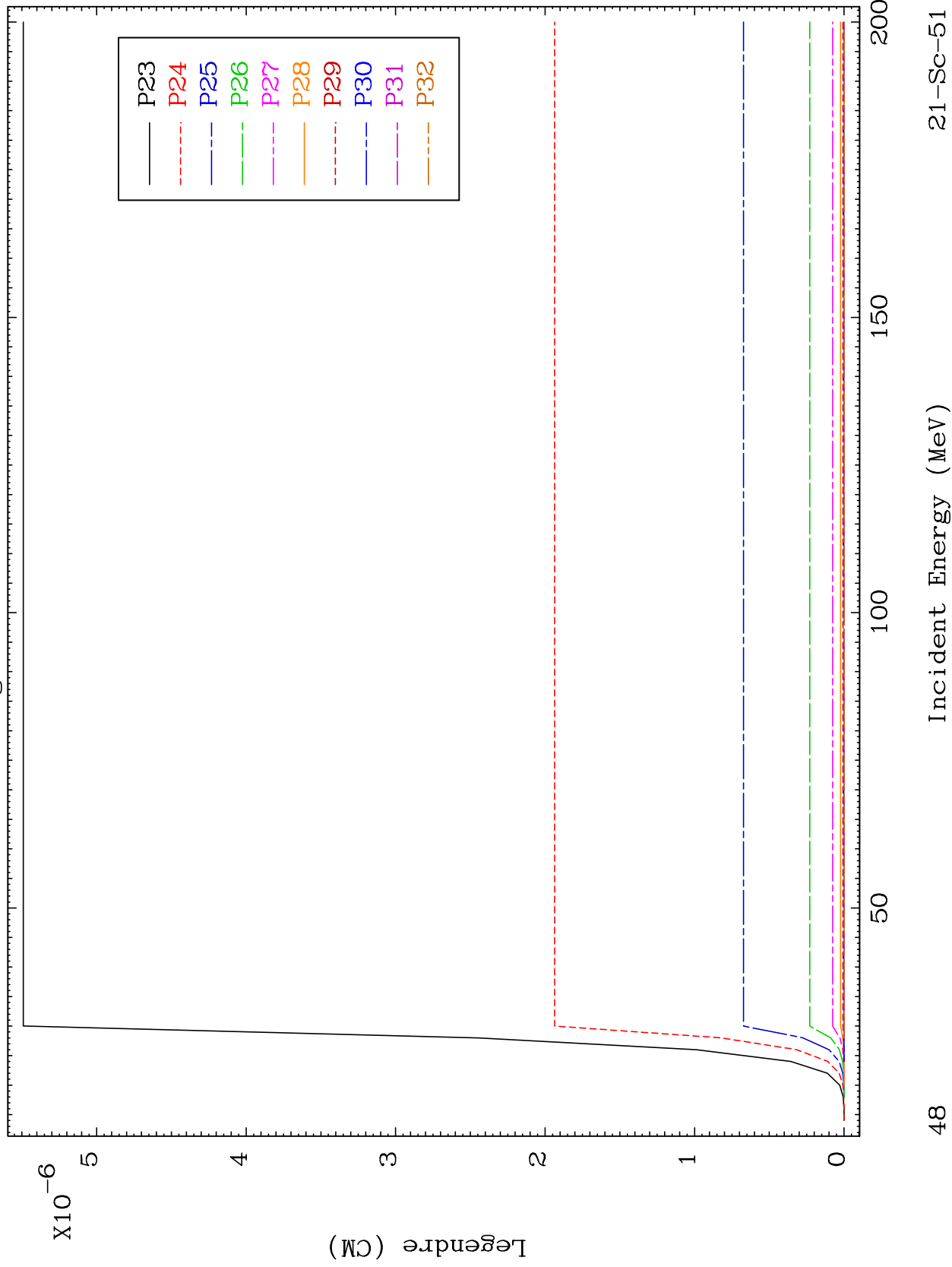




MAT 2143

2.996 MeV (n,n') Level  
Legendre Coefficients

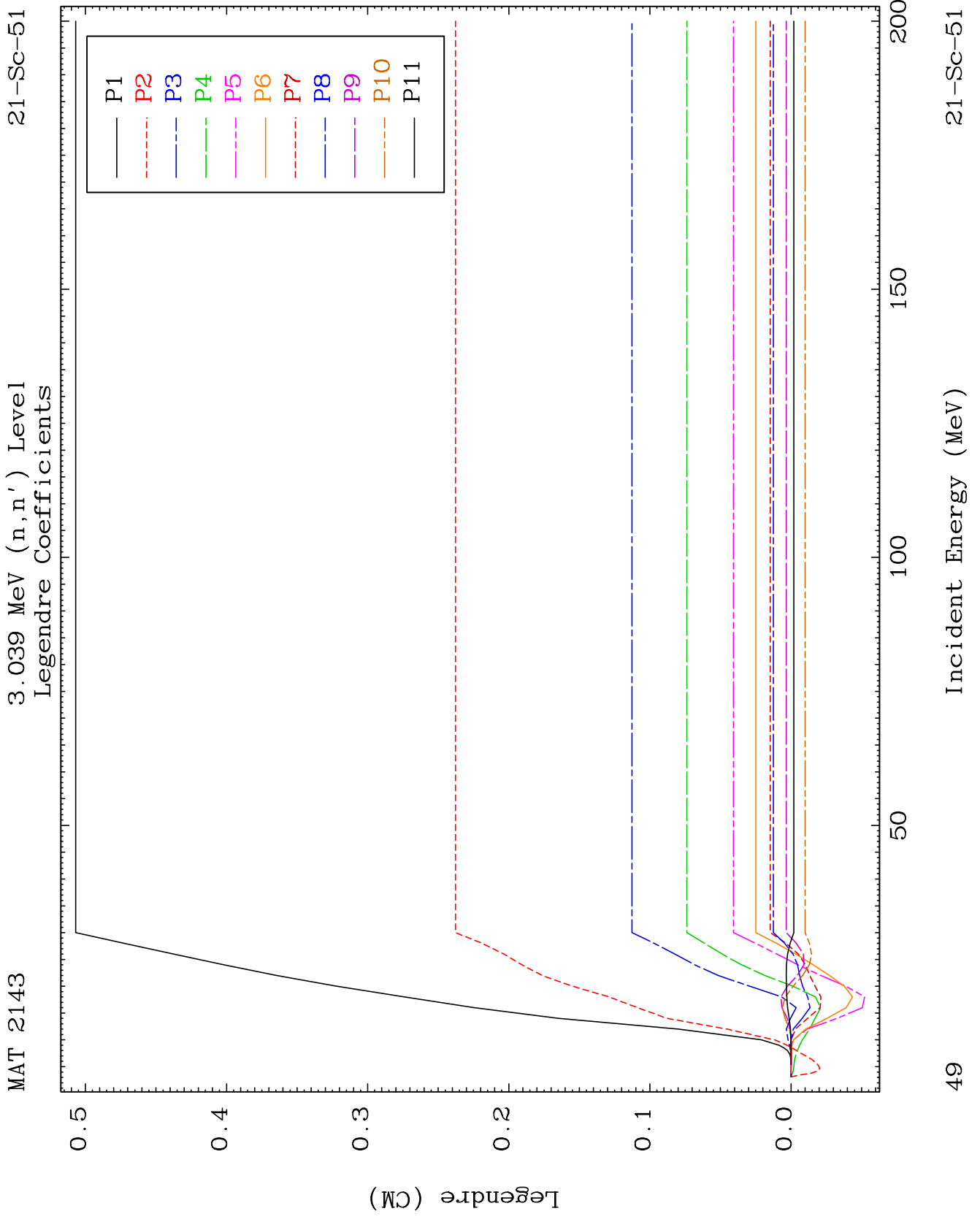
21-Sc-51



48

Incident Energy (MeV)

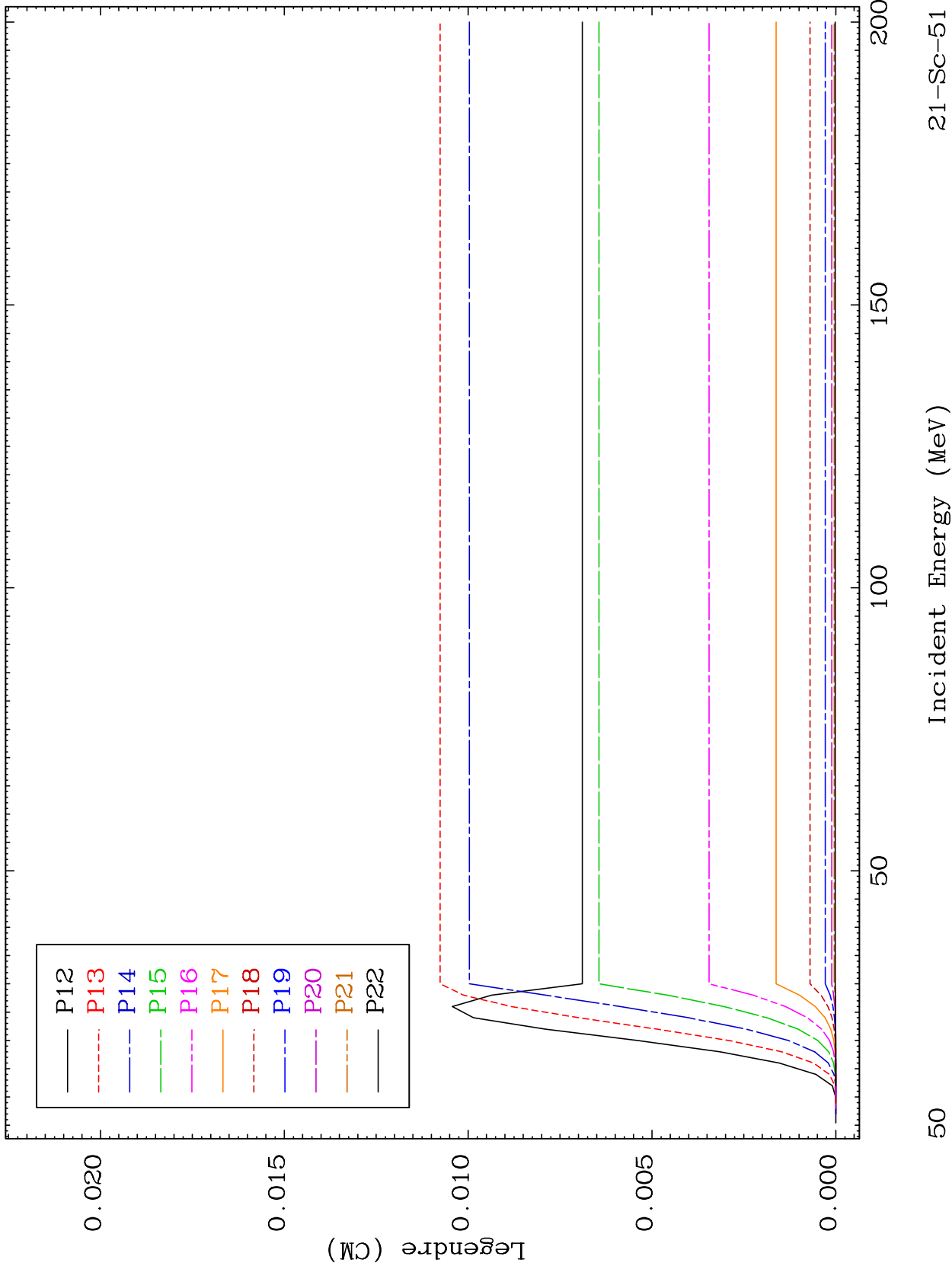
21-Sc-51



MAT 2143

3.039 MeV (n,n') Level  
Legendre Coefficients

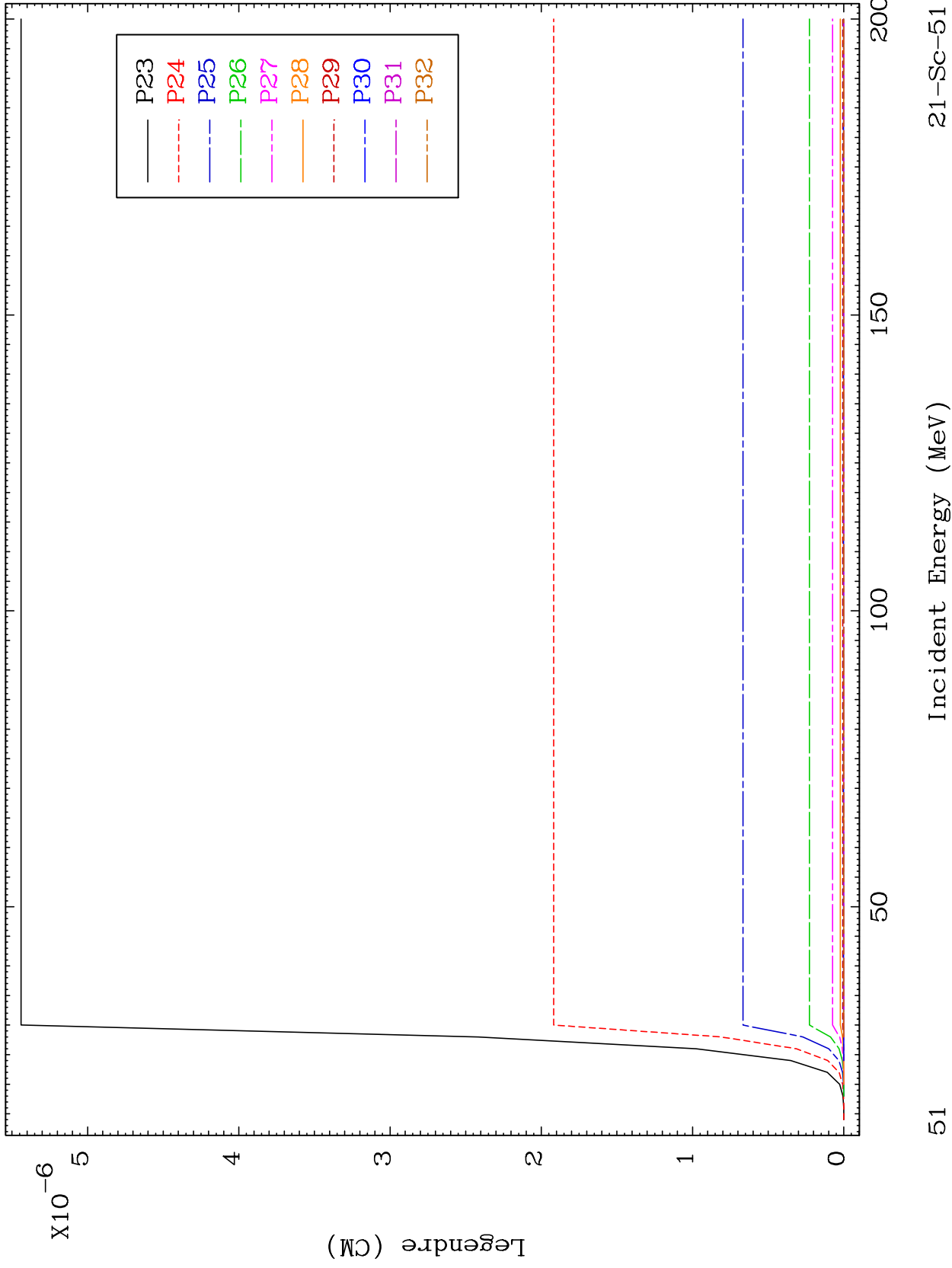
21-Sc-51



MAT 2143

3.039 MeV (n,n') Level  
Legendre Coefficients

21-Sc-51

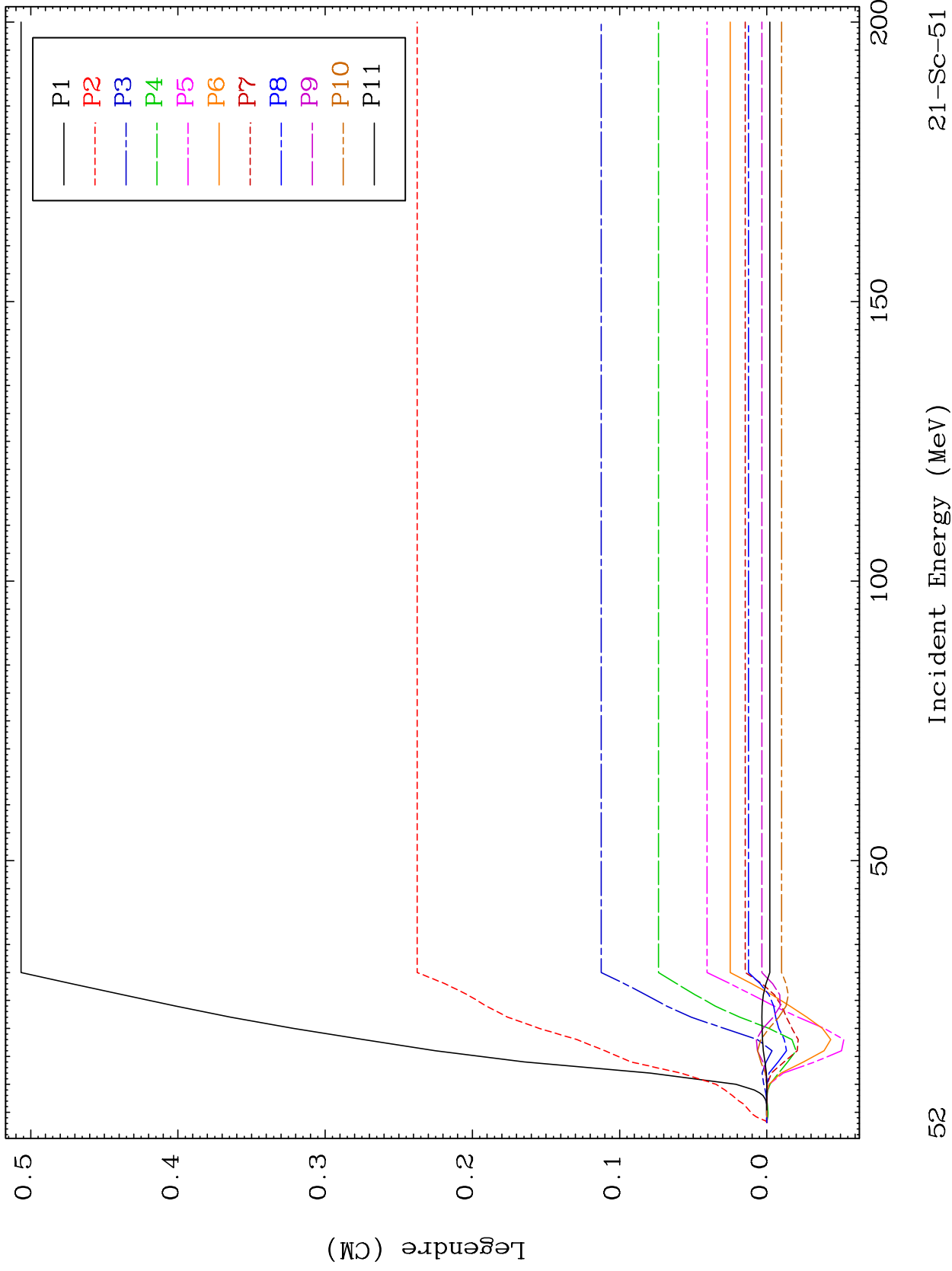


51

MAT 2143

3.069 MeV (n,n') Level  
Legendre Coefficients

21-Sc-51



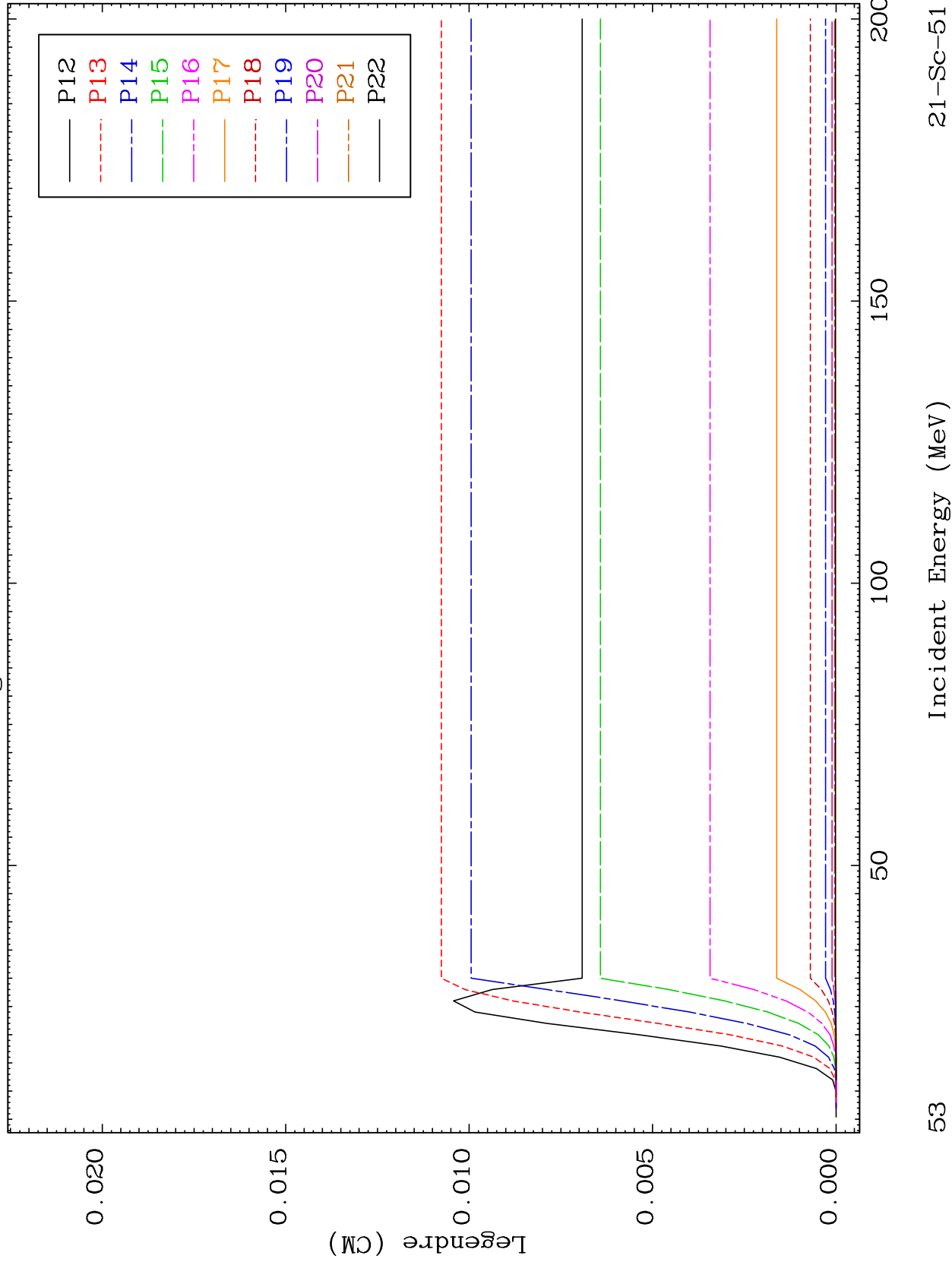
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21-Sc-51

MAT 2143

3.069 MeV (n,n') Level  
Legendre Coefficients

21-Sc-51

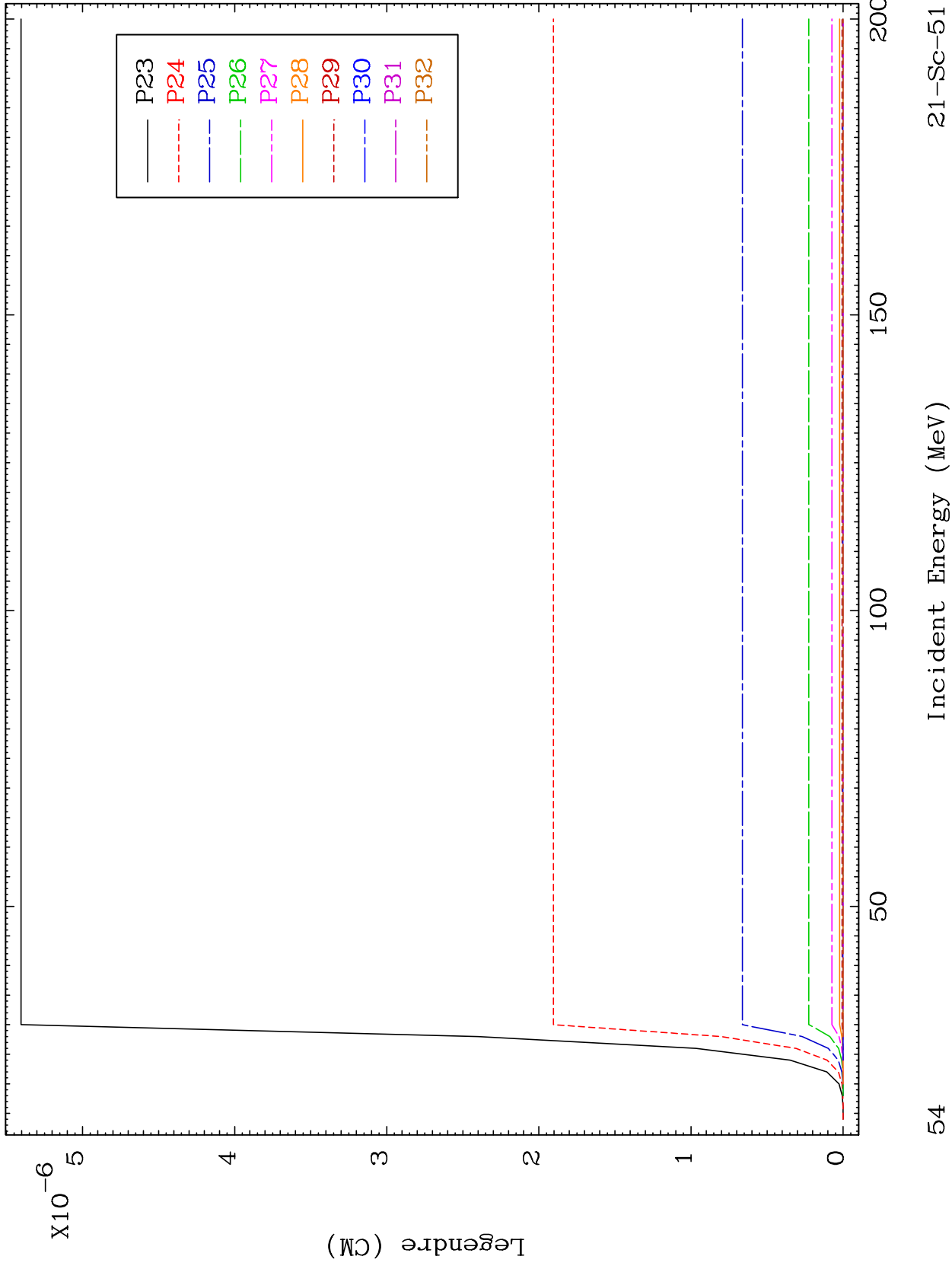


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MAT 2143

3.069 MeV (n,n') Level  
Legendre Coefficients

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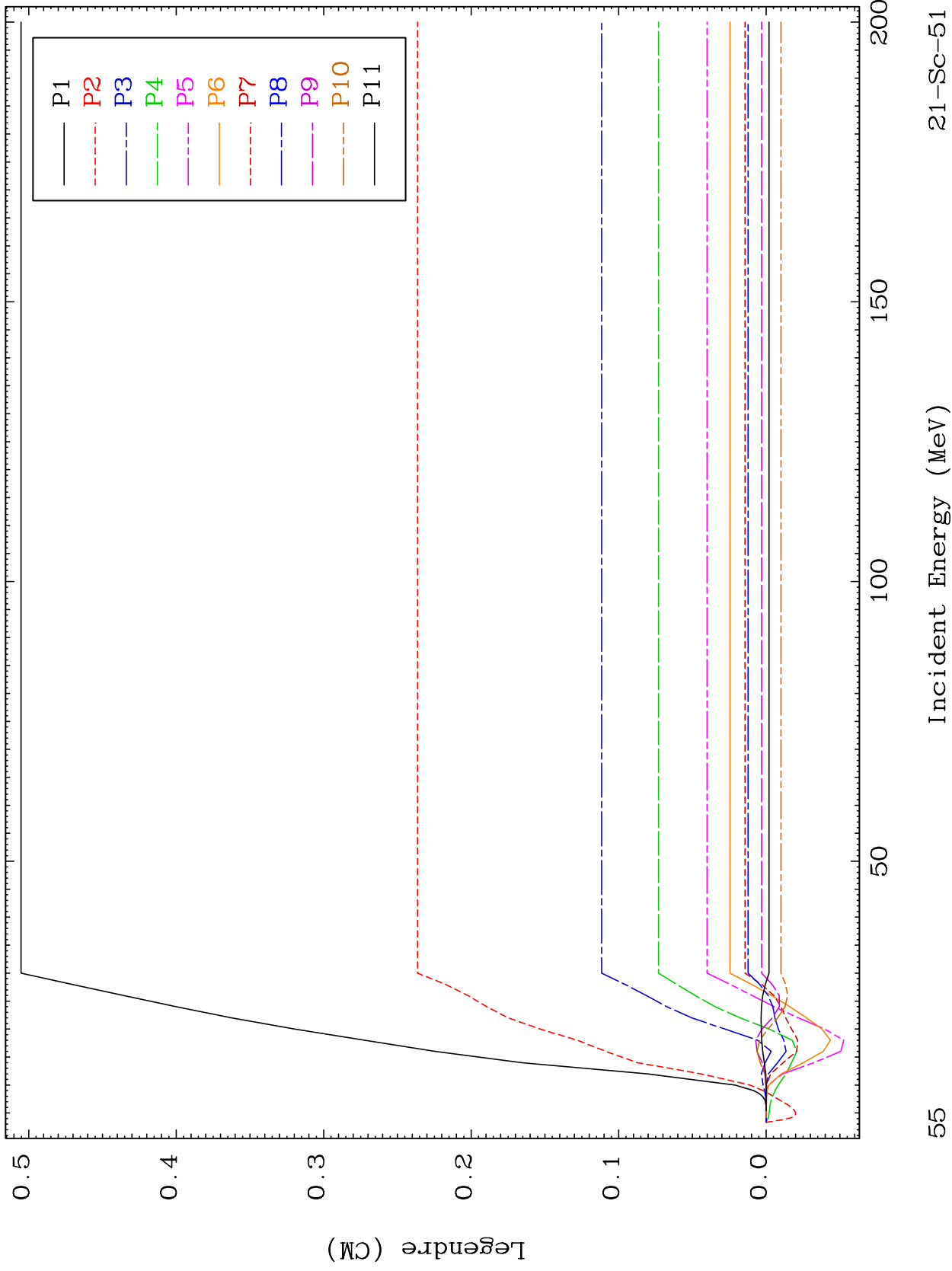
Incident Energy (MeV)

21-Sc-51

MAT 2143

3.195 MeV (n,n') Level  
Legendre Coefficients

21-Sc-51

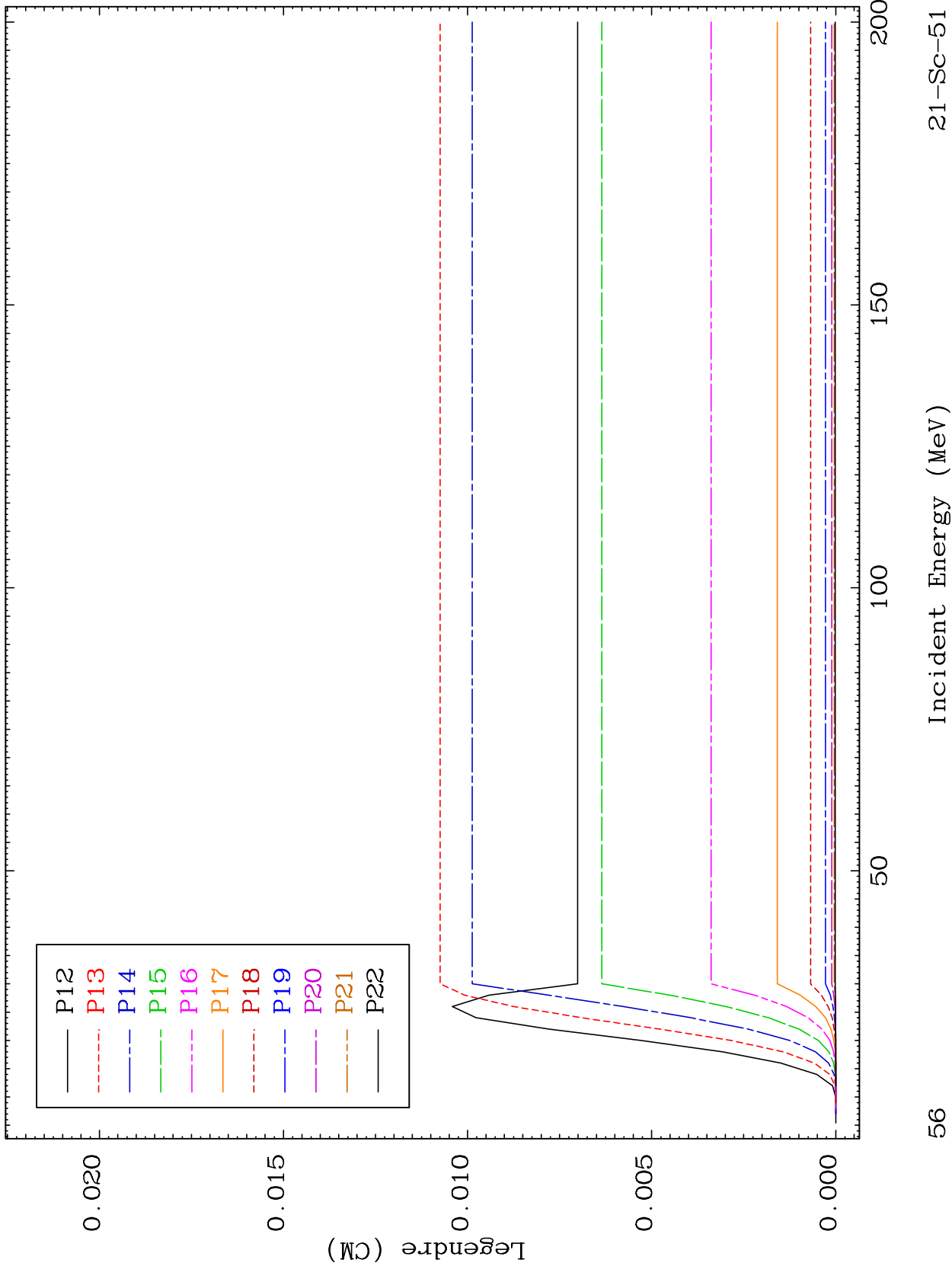


55

Incident Energy (MeV)

21-Sc-51

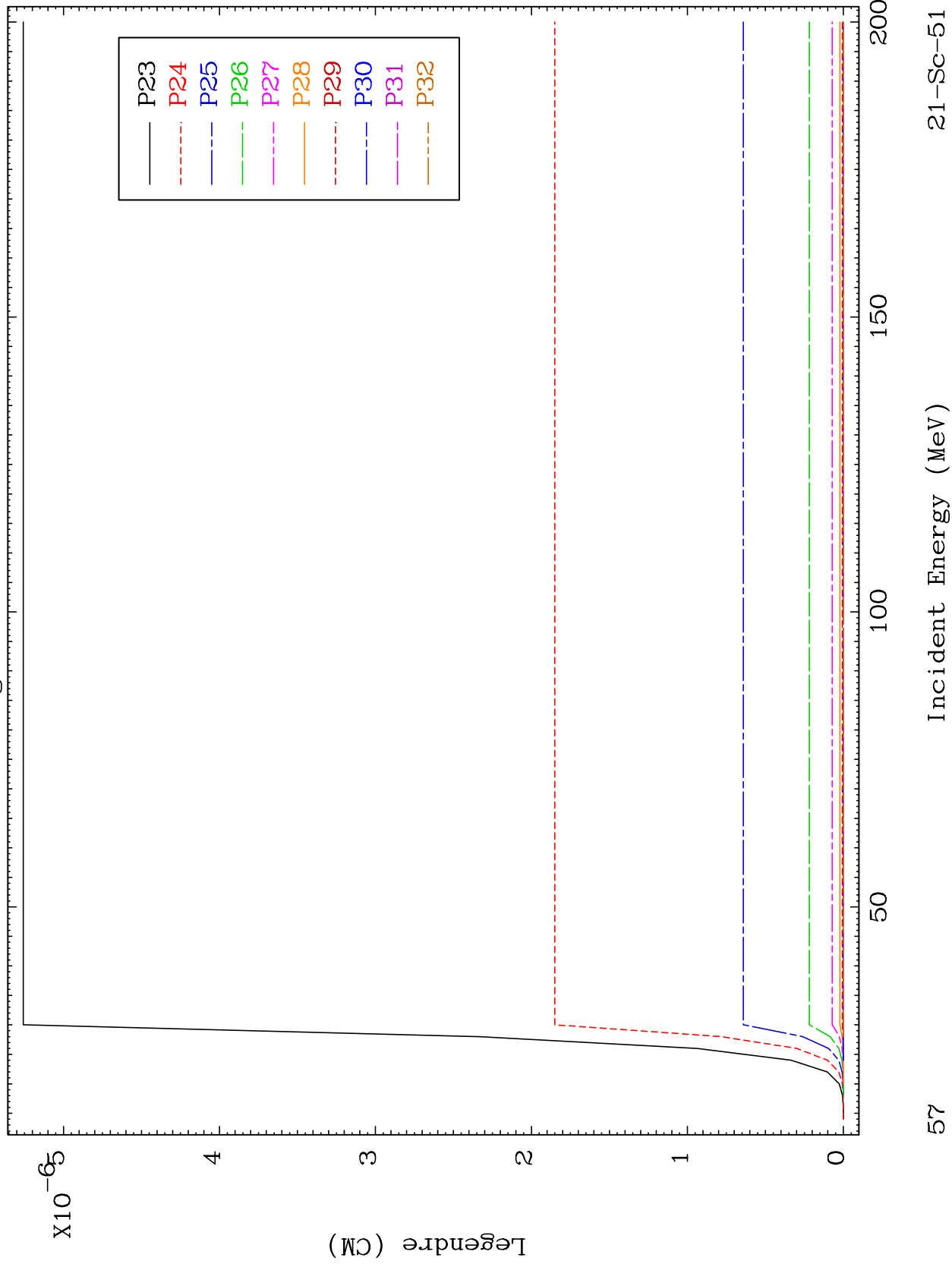




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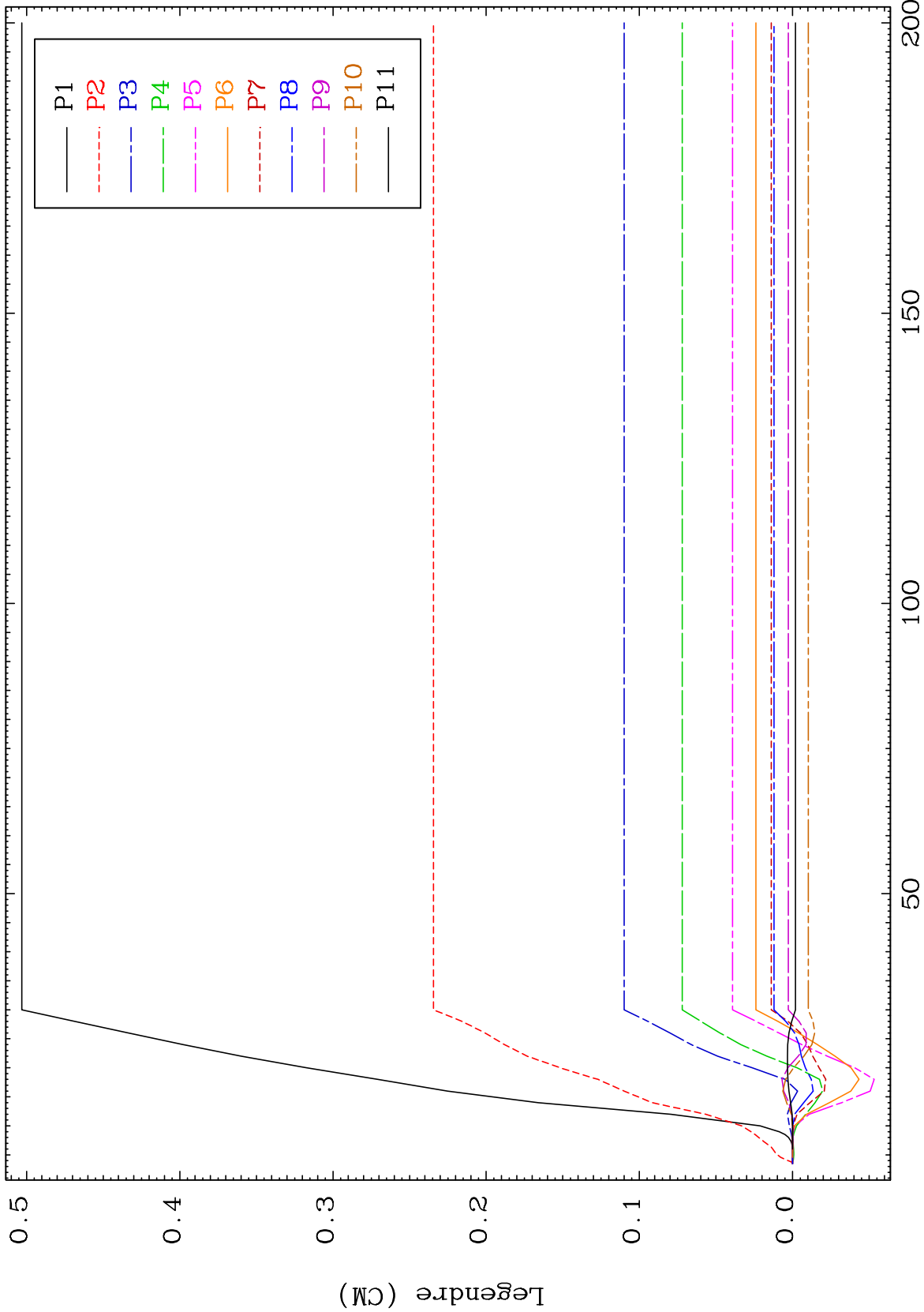
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Legendre Coefficients

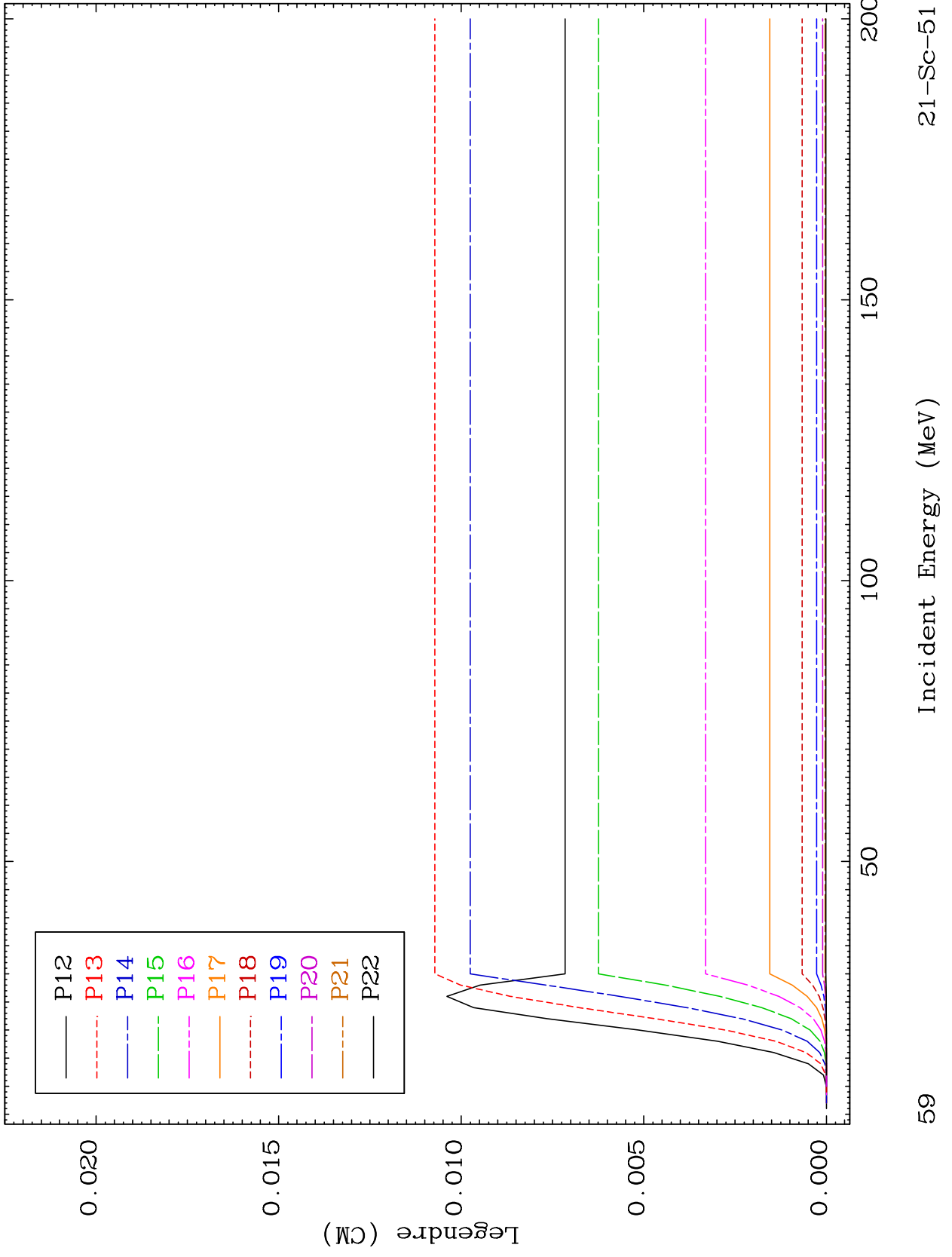
21-Sc-51

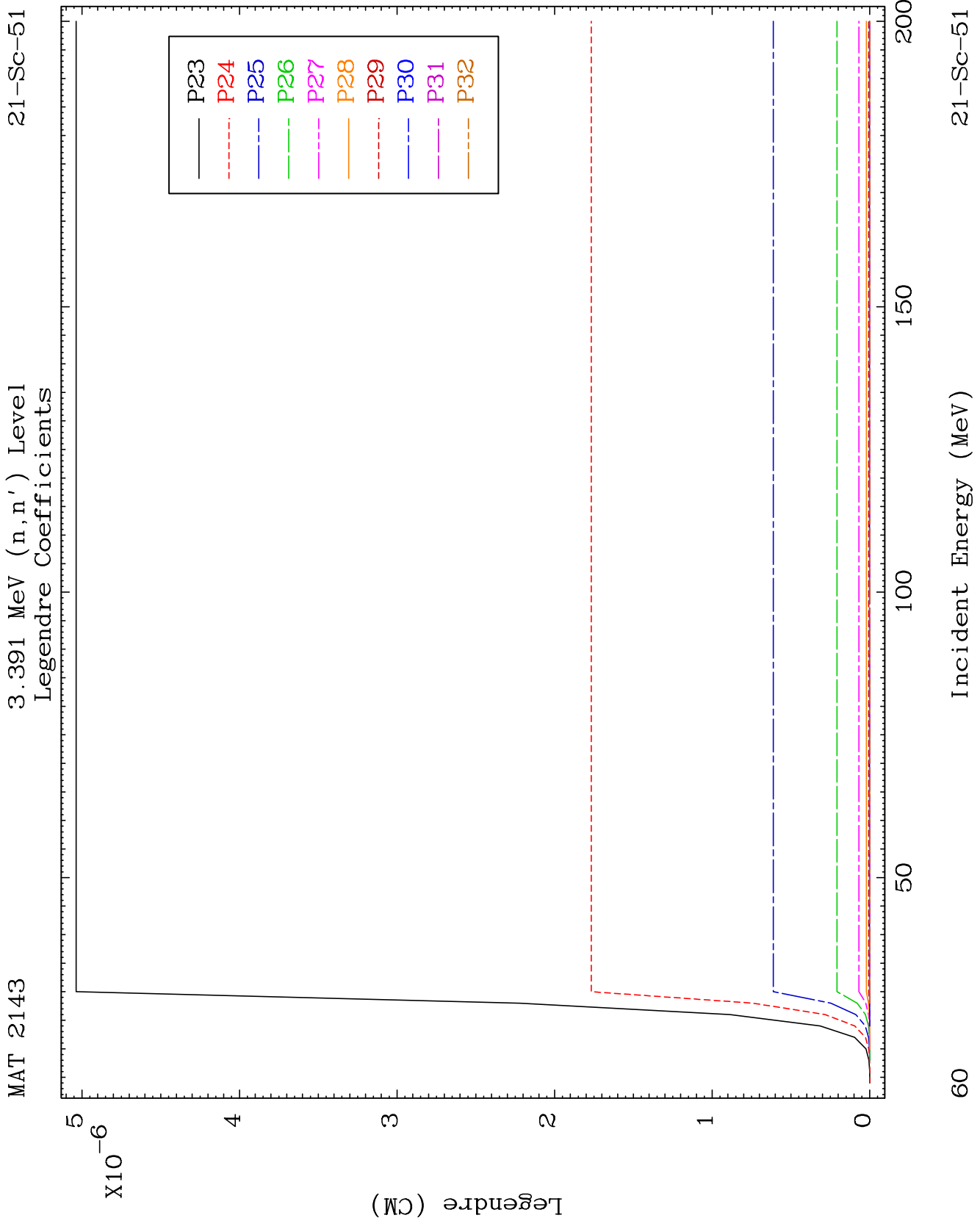


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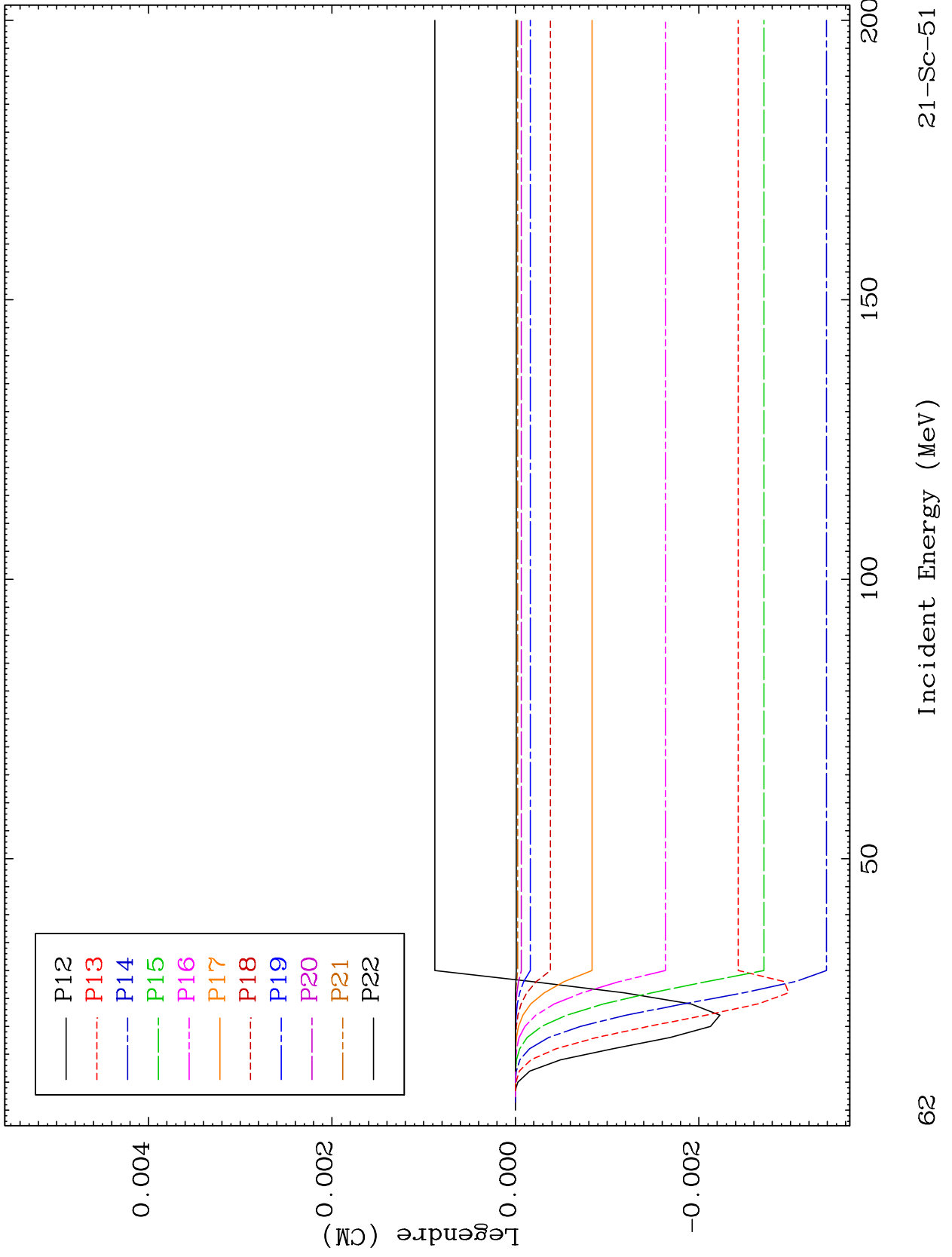
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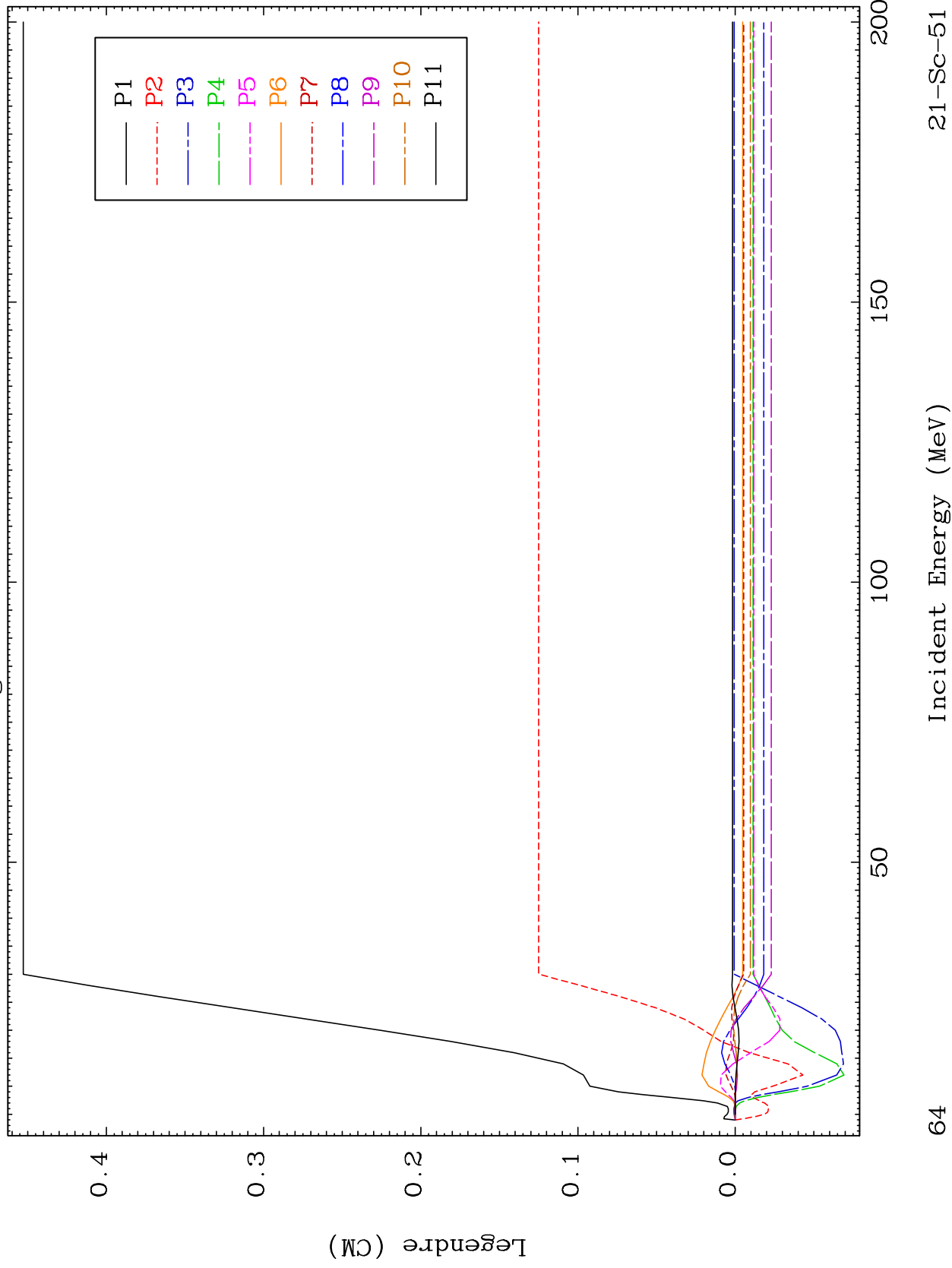


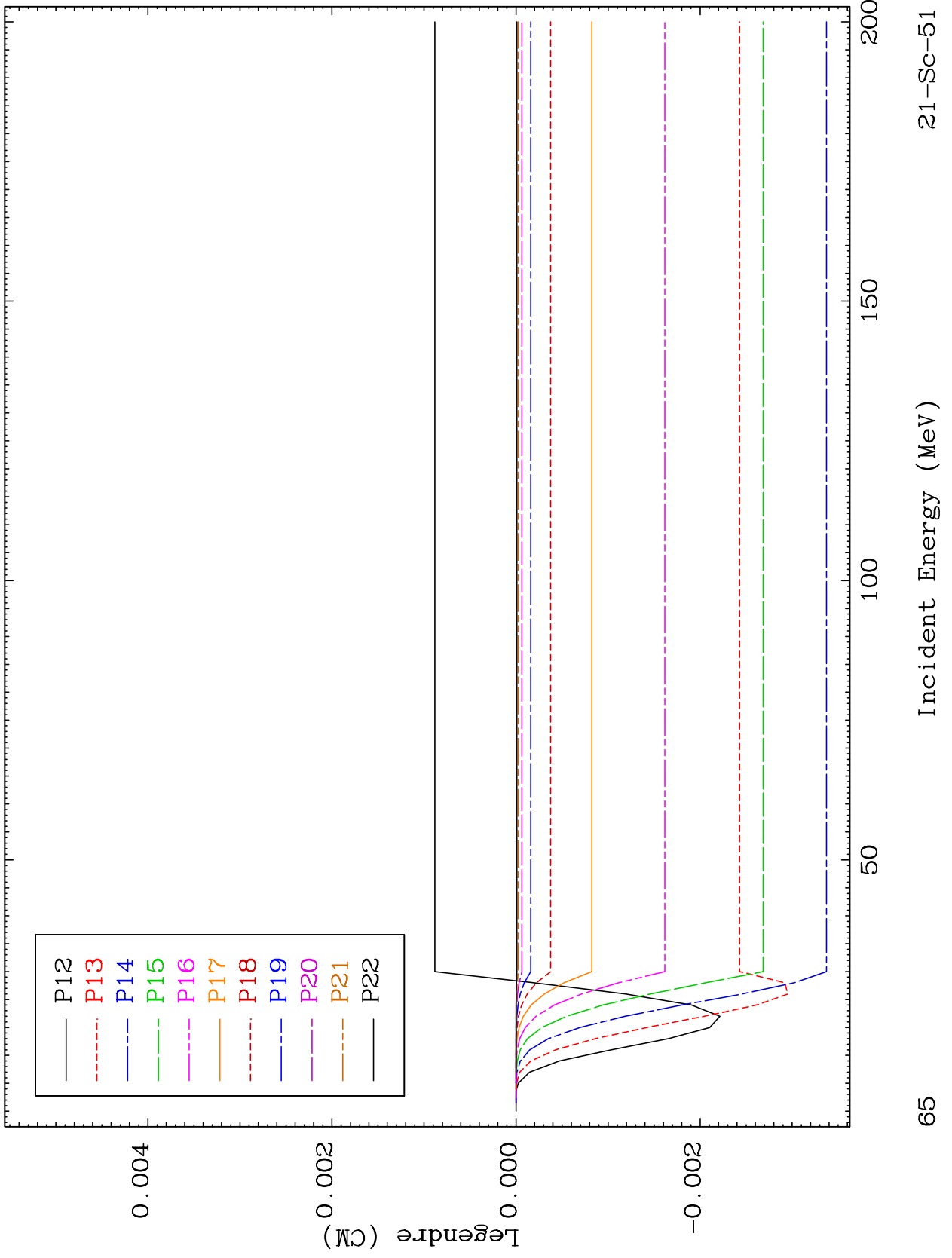


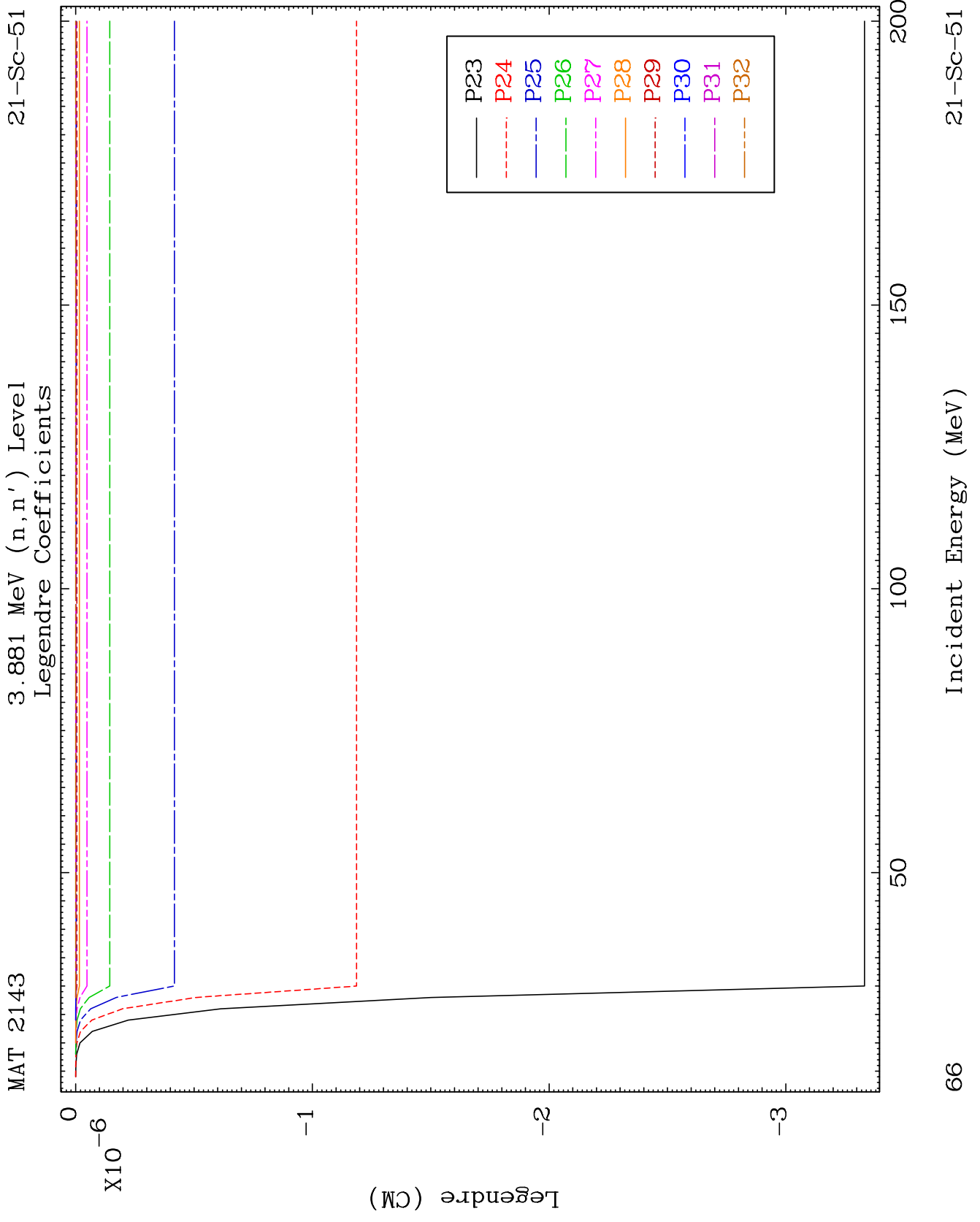
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3.881 MeV (n,n') Level  
Legendre Coefficients

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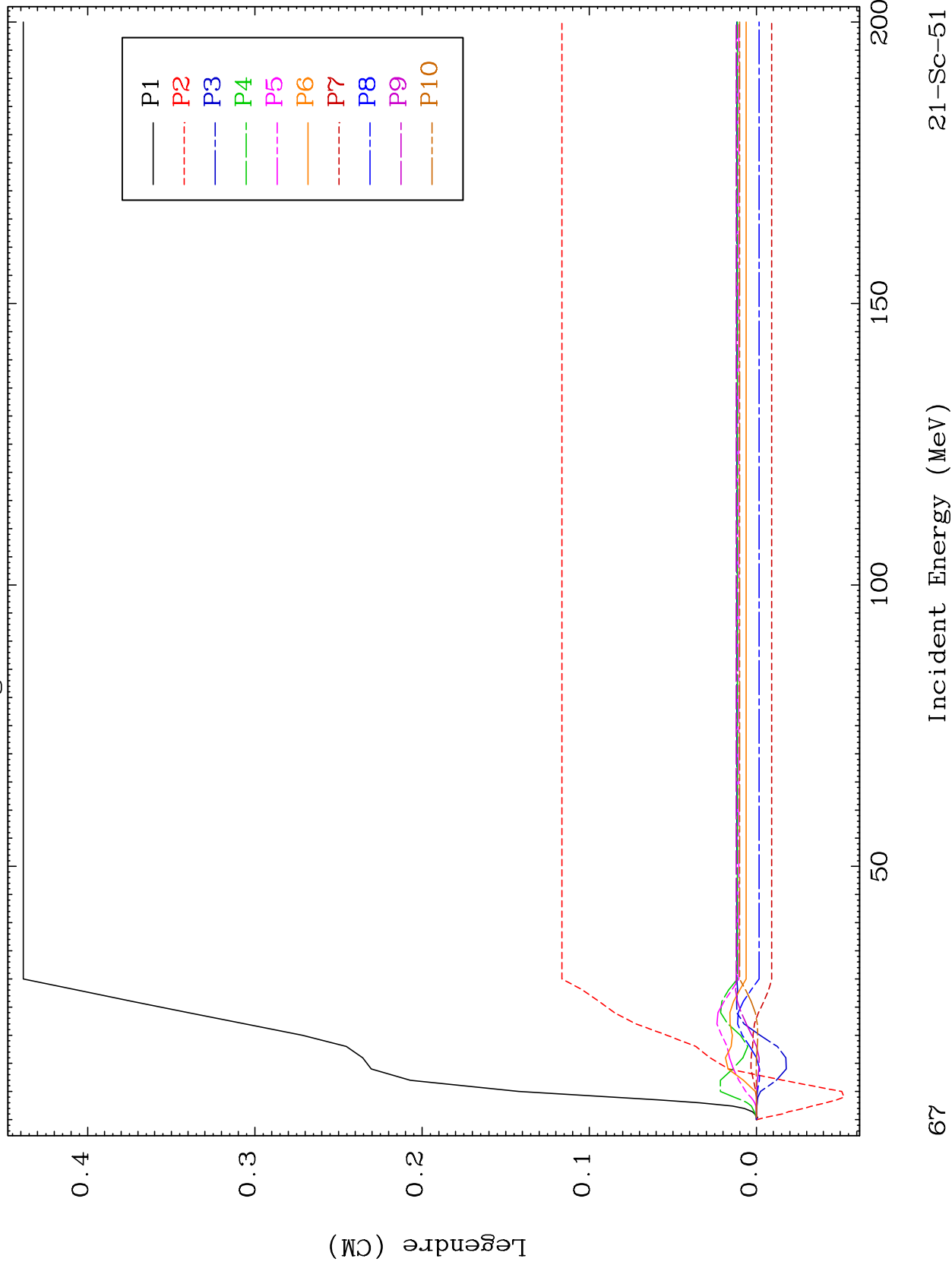




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4.826 MeV (n,n') Level  
Legendre Coefficients

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21-Sc-51

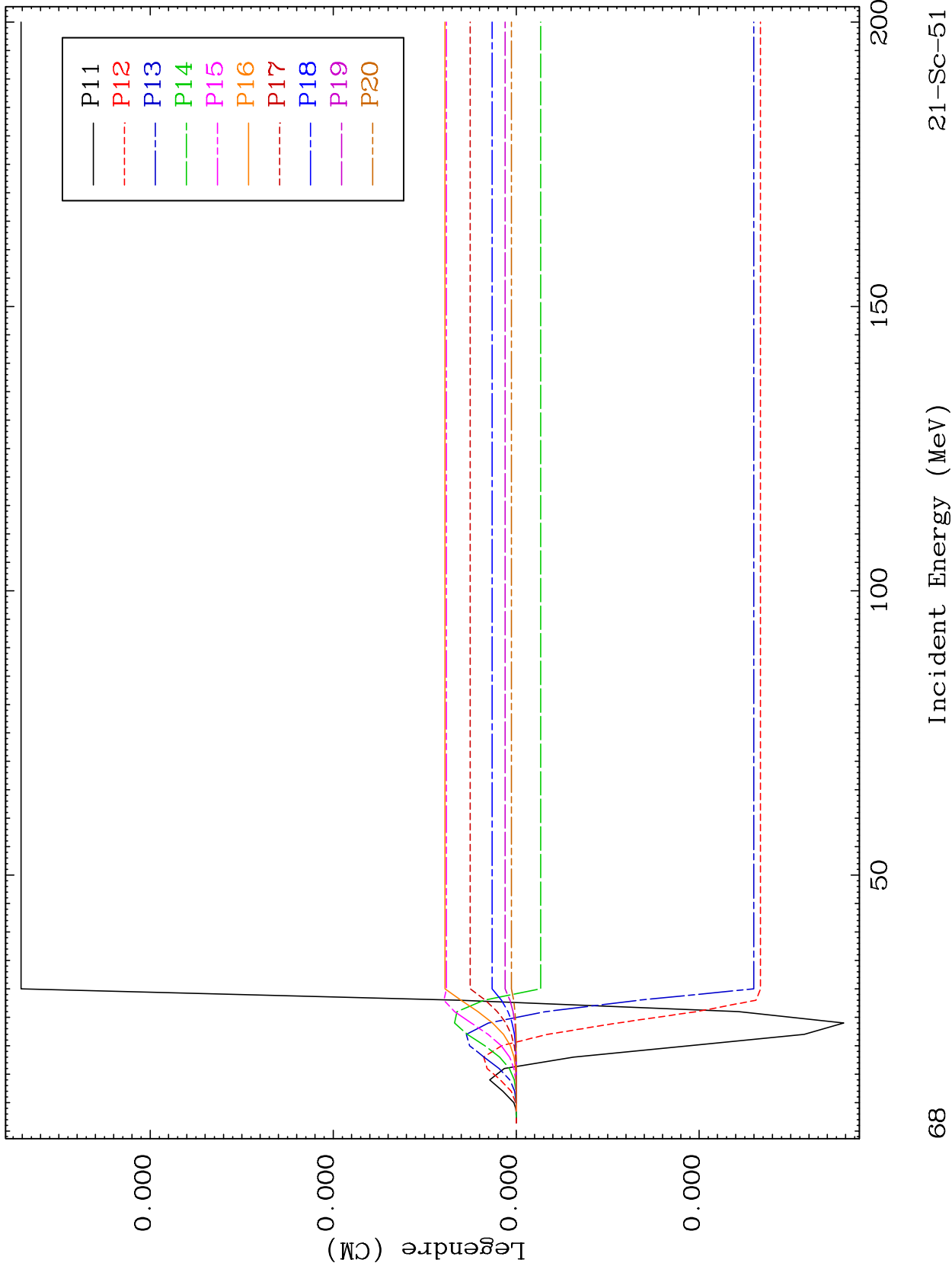
Incident Energy (MeV)

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MAT 2143

4.826 MeV (n,n') Level  
Legendre Coefficients

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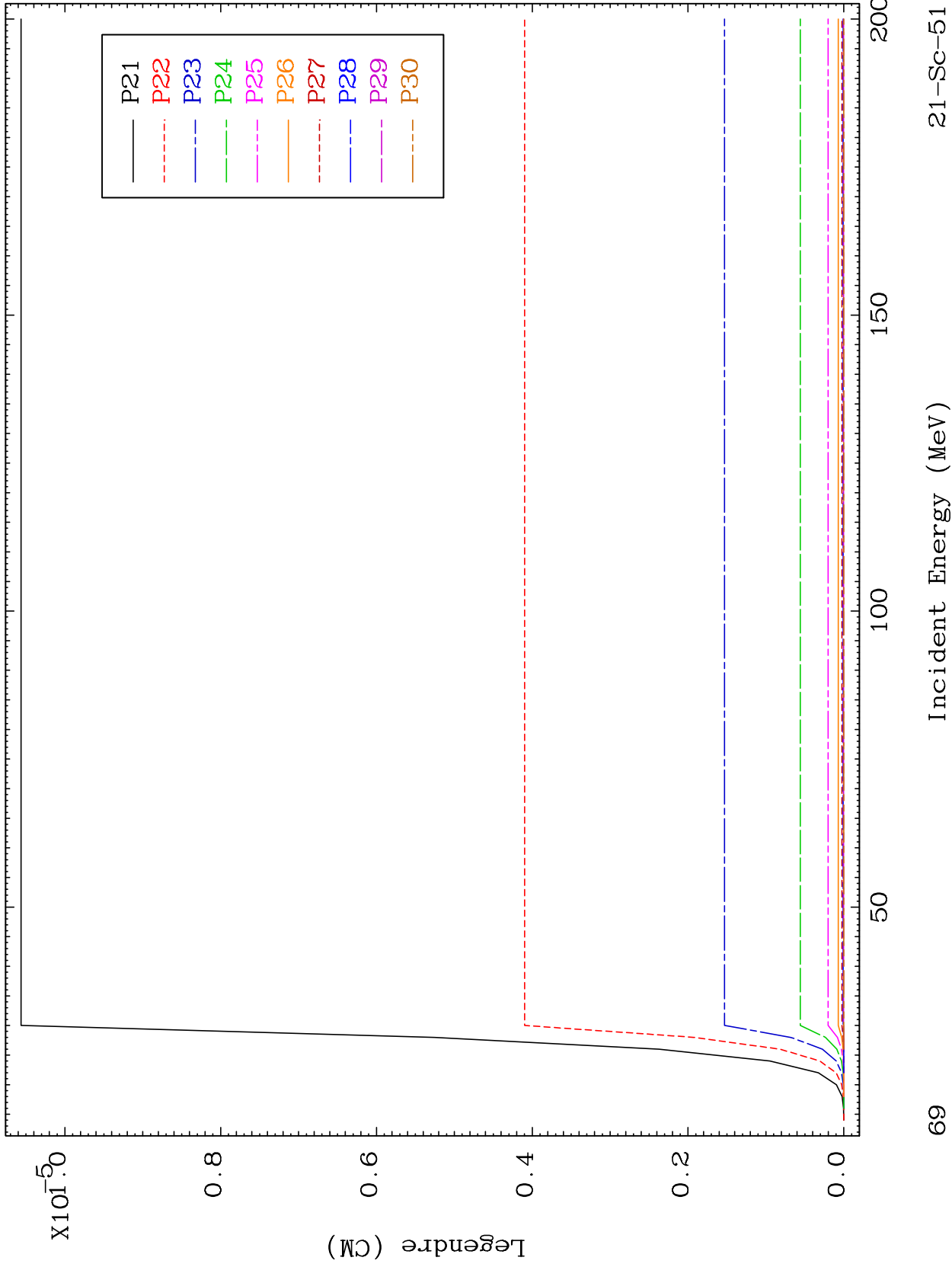
Incident Energy (MeV)

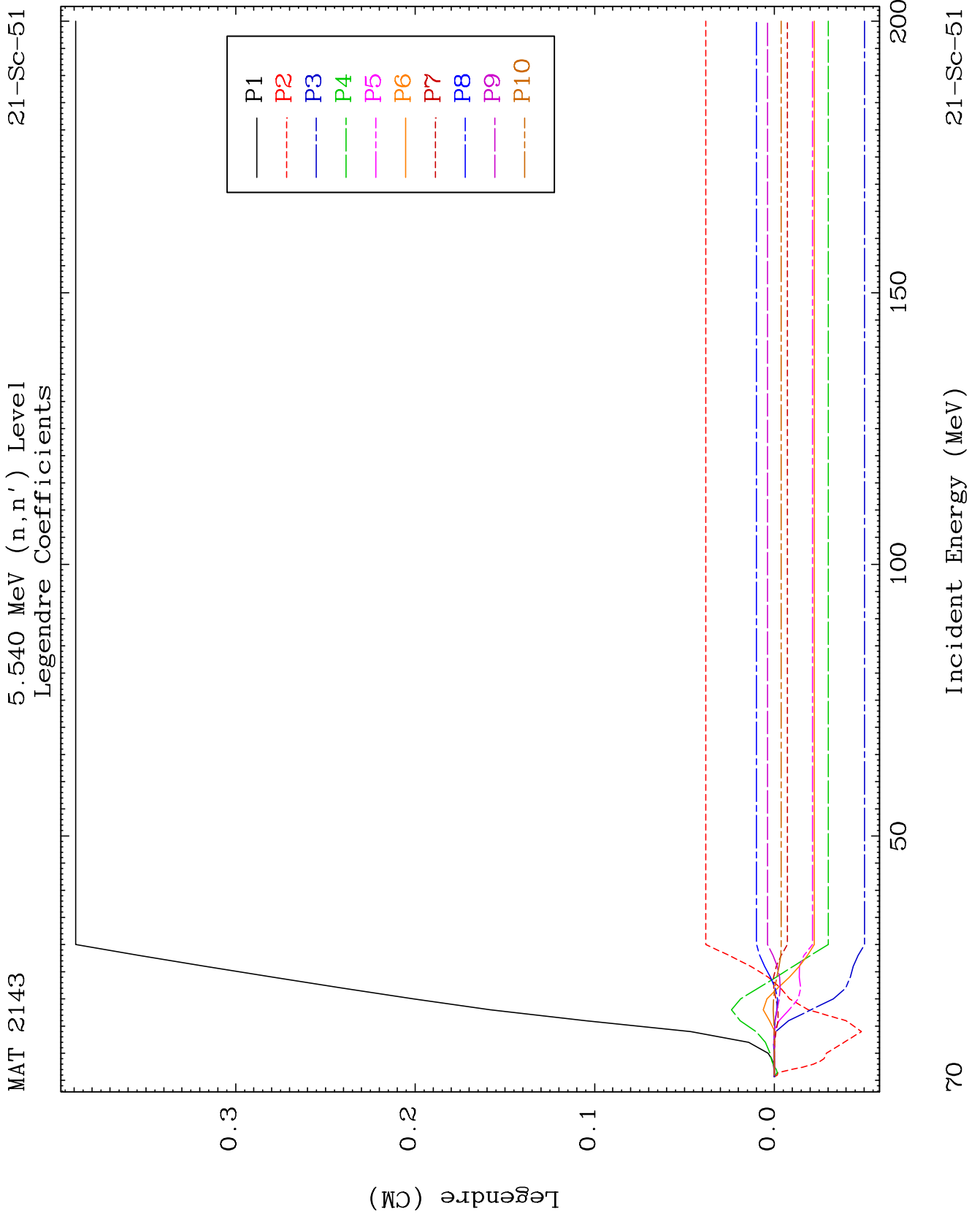
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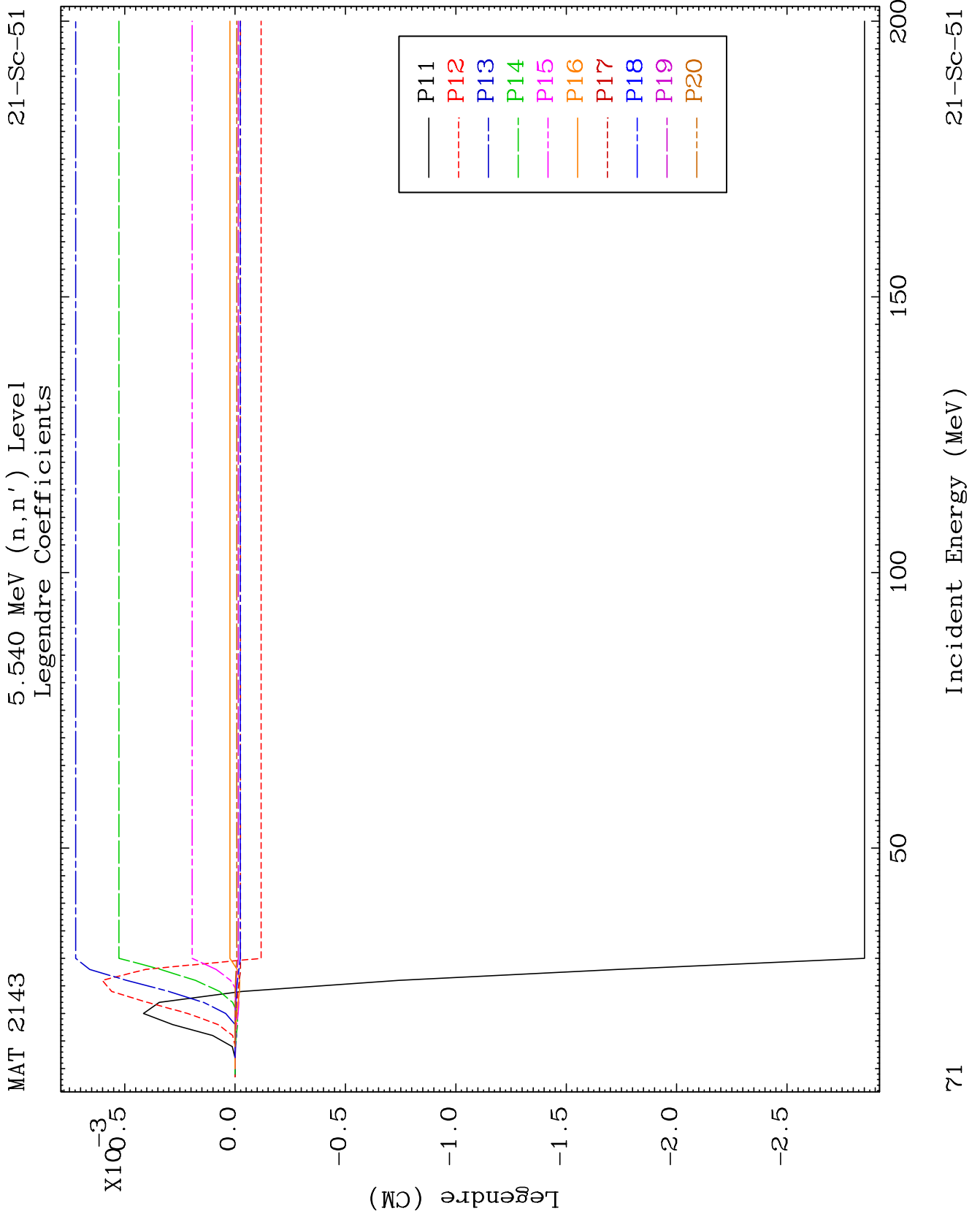
MAT 2143

4.826 MeV (n,n') Level  
Legendre Coefficients

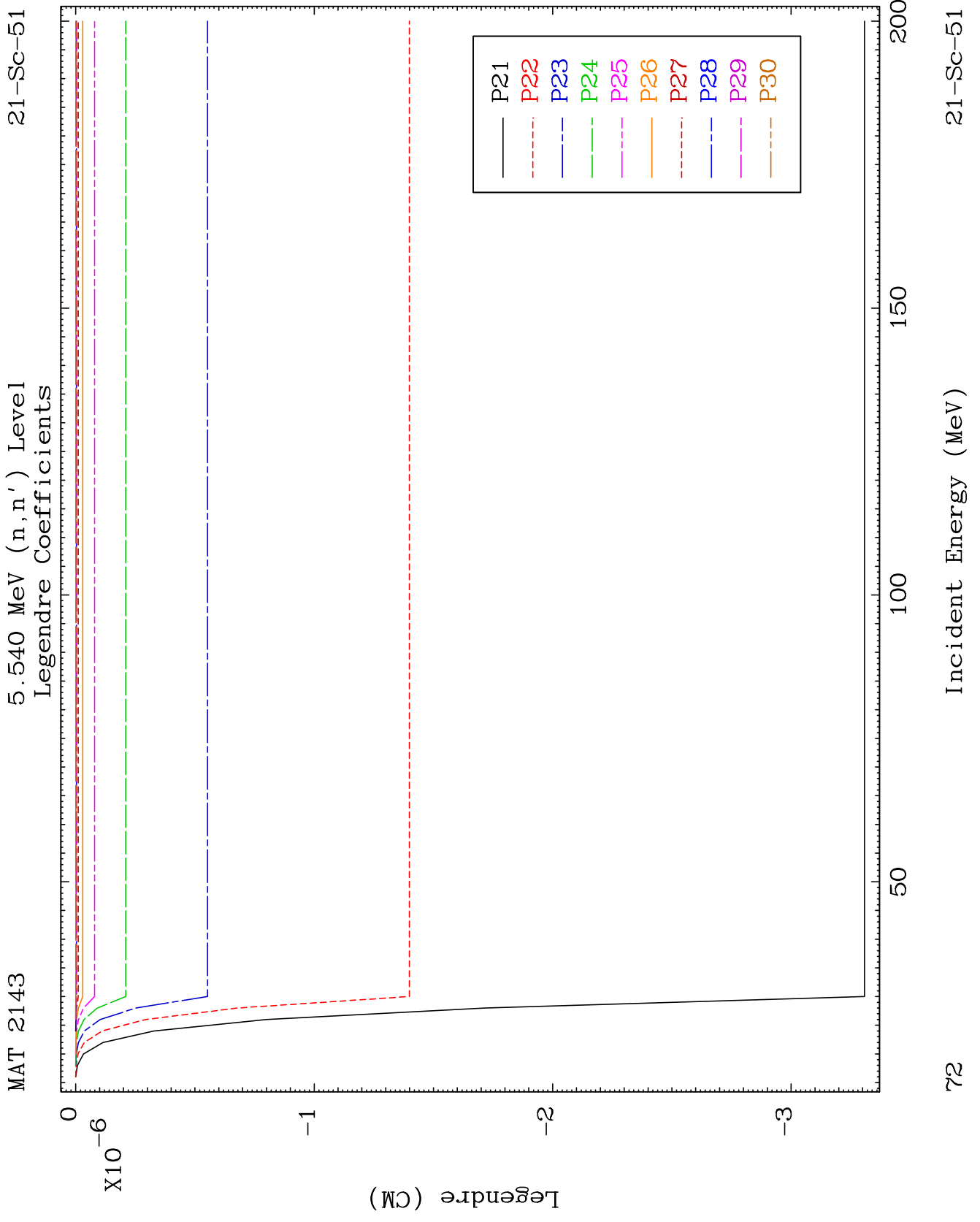
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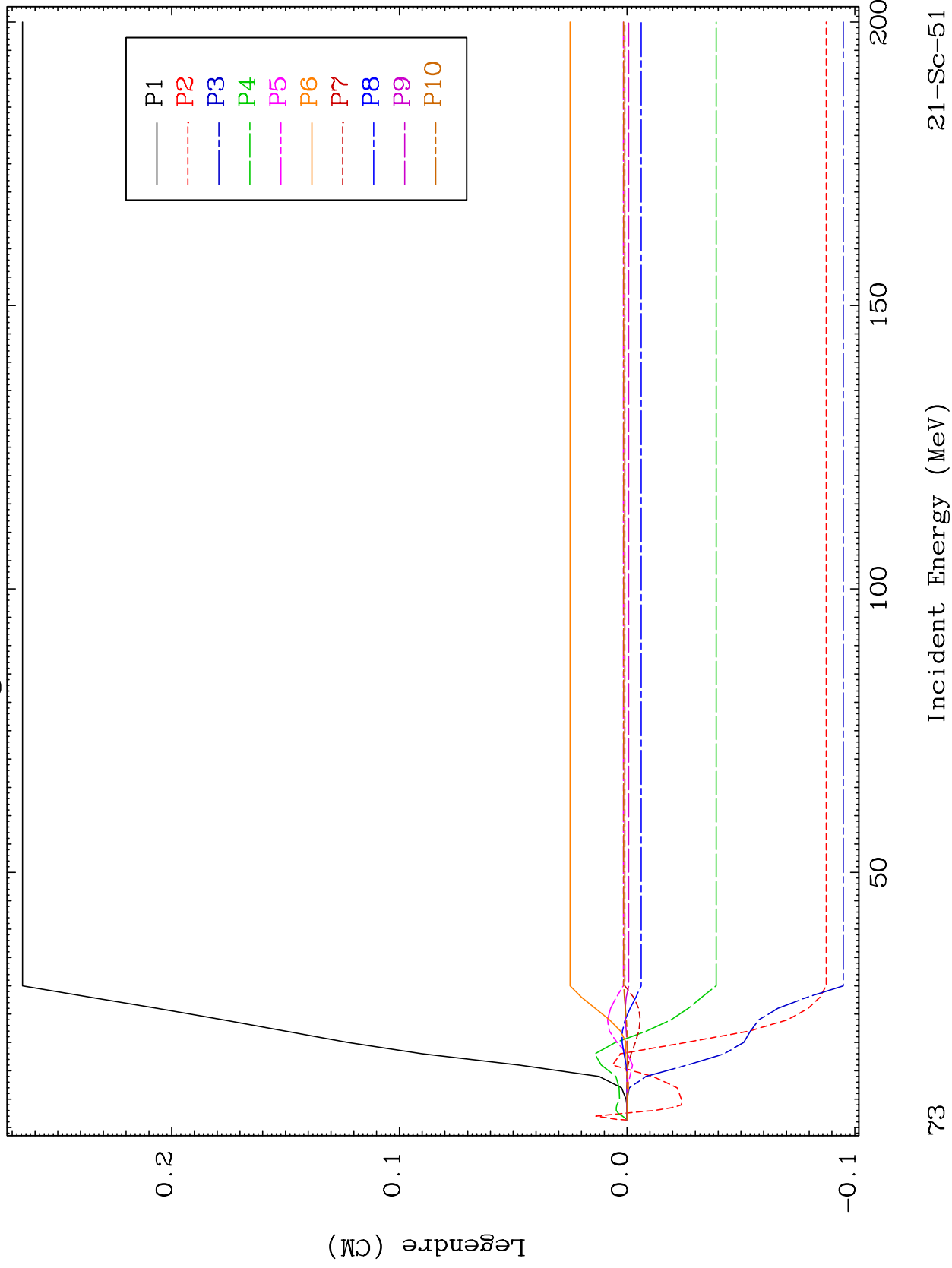




MAT 2143

6.184 MeV (n,n') Level  
Legendre Coefficients

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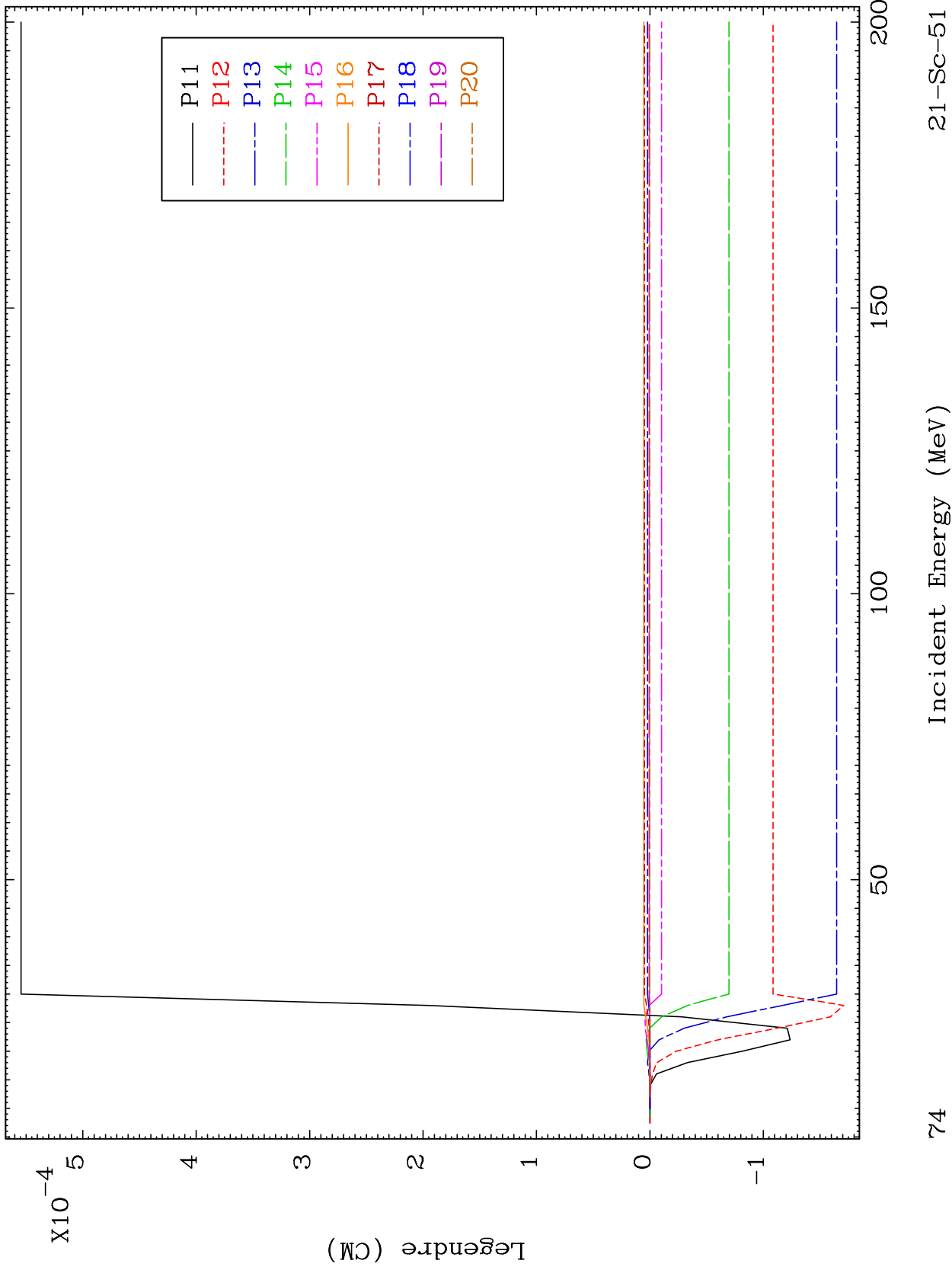
73

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MAT 2143

6.184 MeV (n,n') Level  
Legendre Coefficients

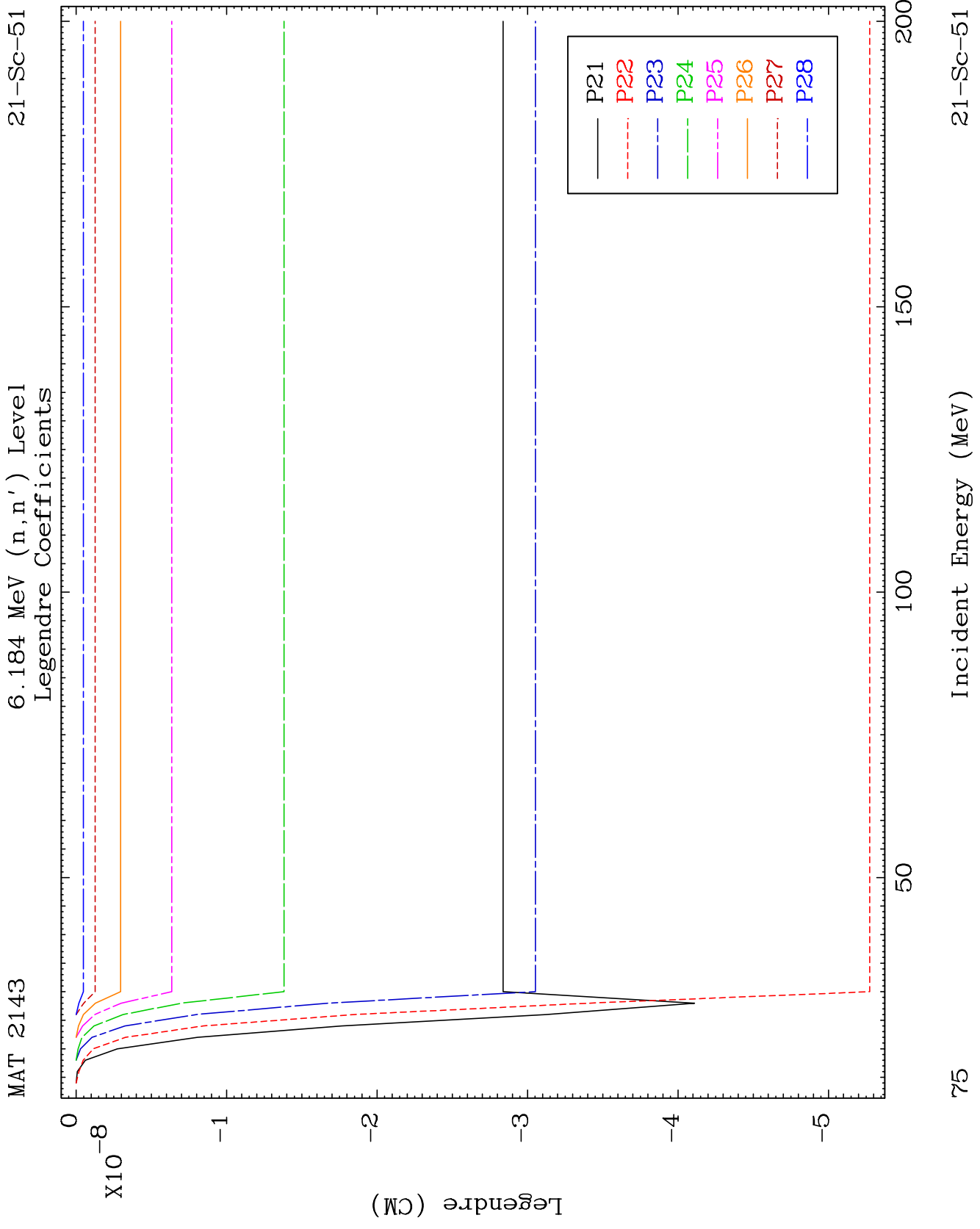
21-Sc-51



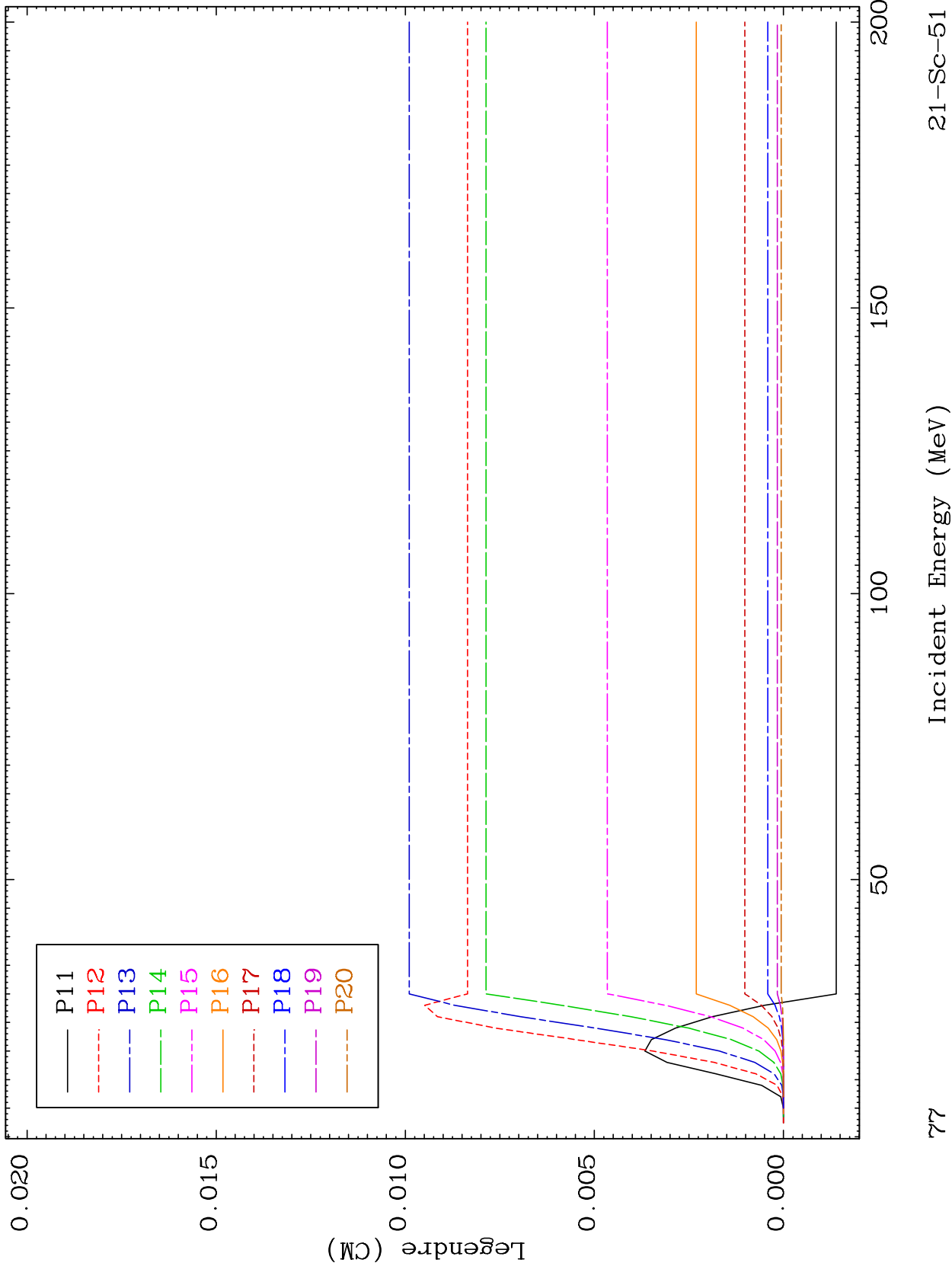
74

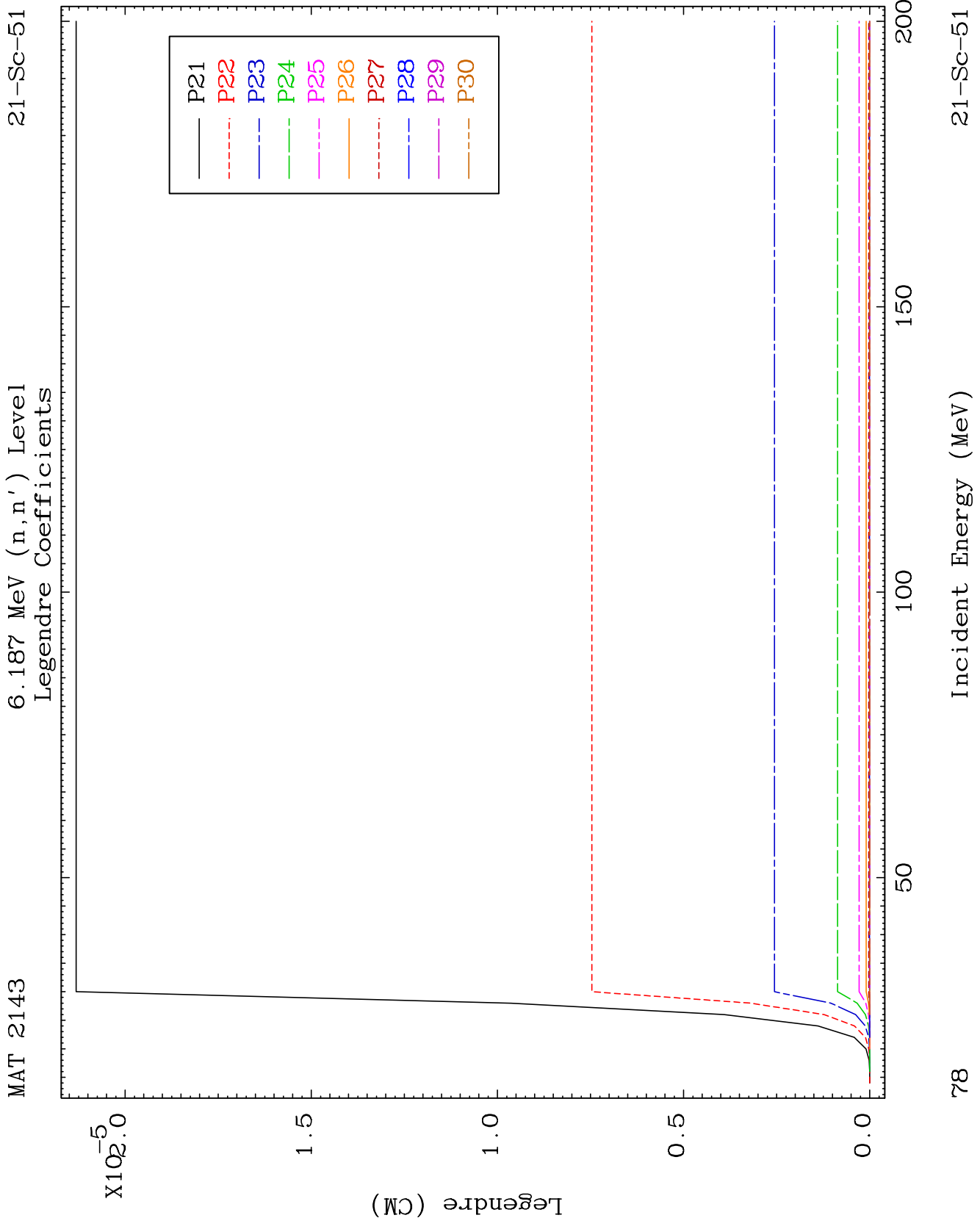
Incident Energy (MeV)

21-Sc-51





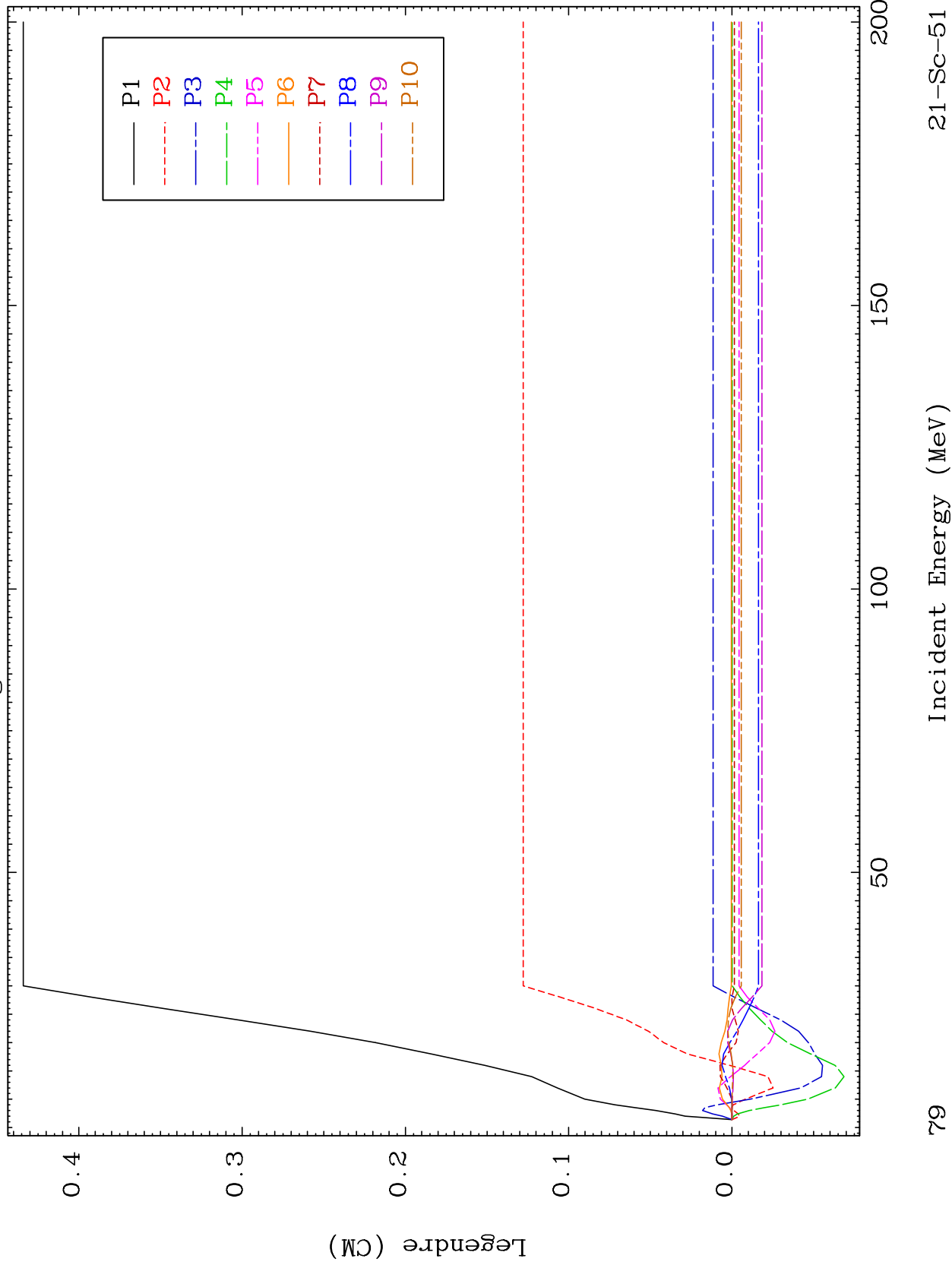




MAT 2143

6.200 MeV (n,n') Level  
Legendre Coefficients

21-Sc-51



79

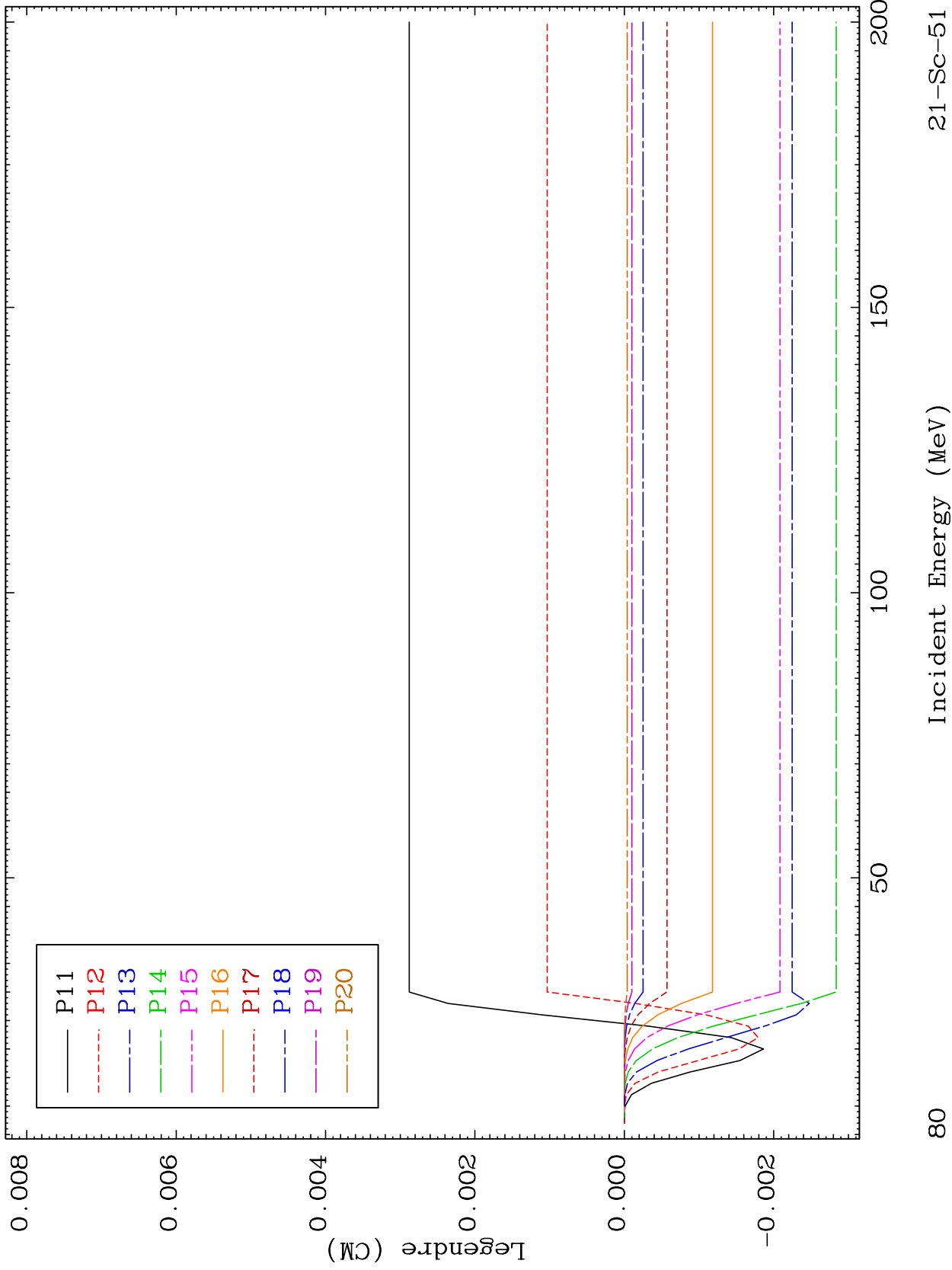
21-Sc-51



MAT 2143

6.200 MeV (n,n') Level  
Legendre Coefficients

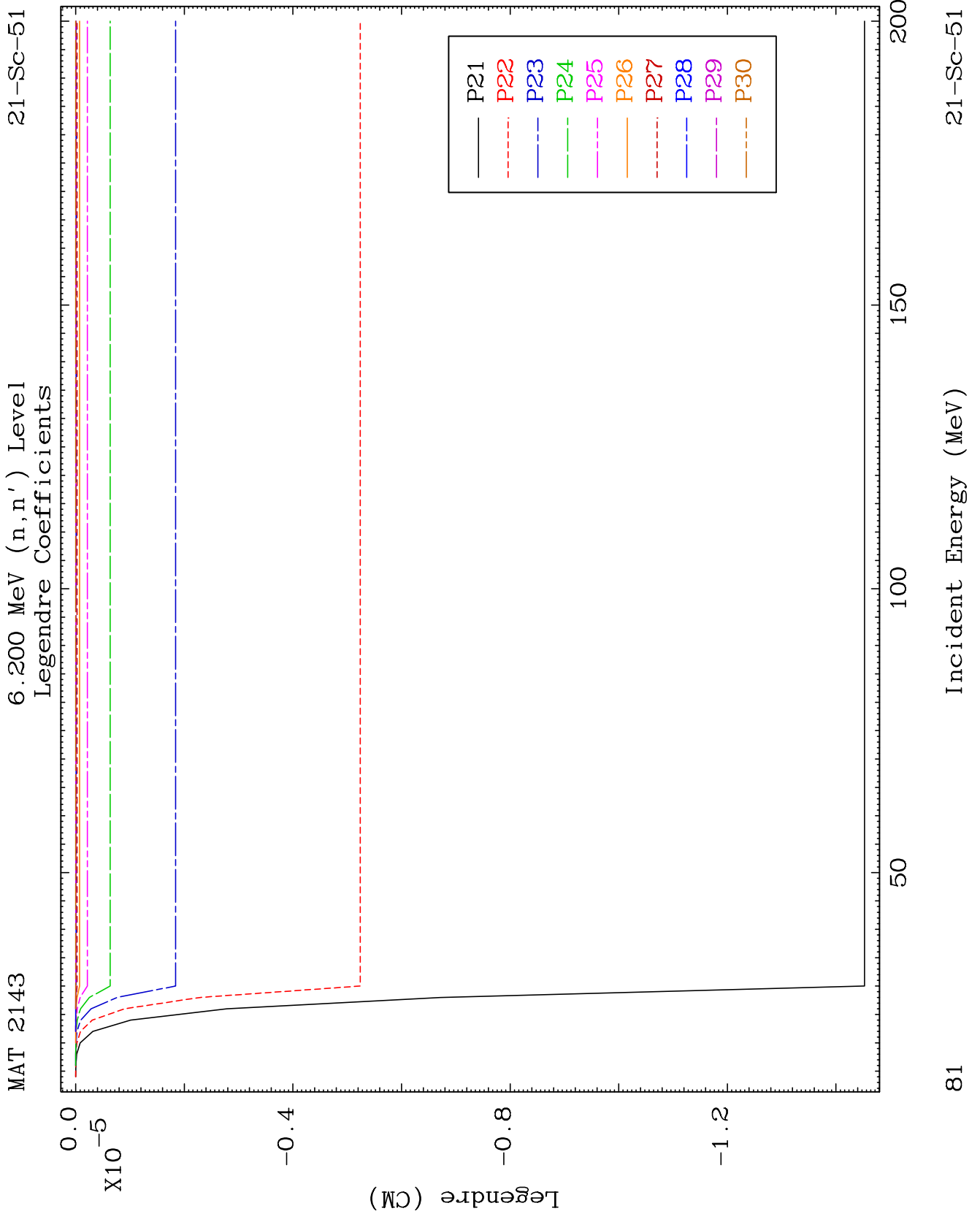
21-Sc-51

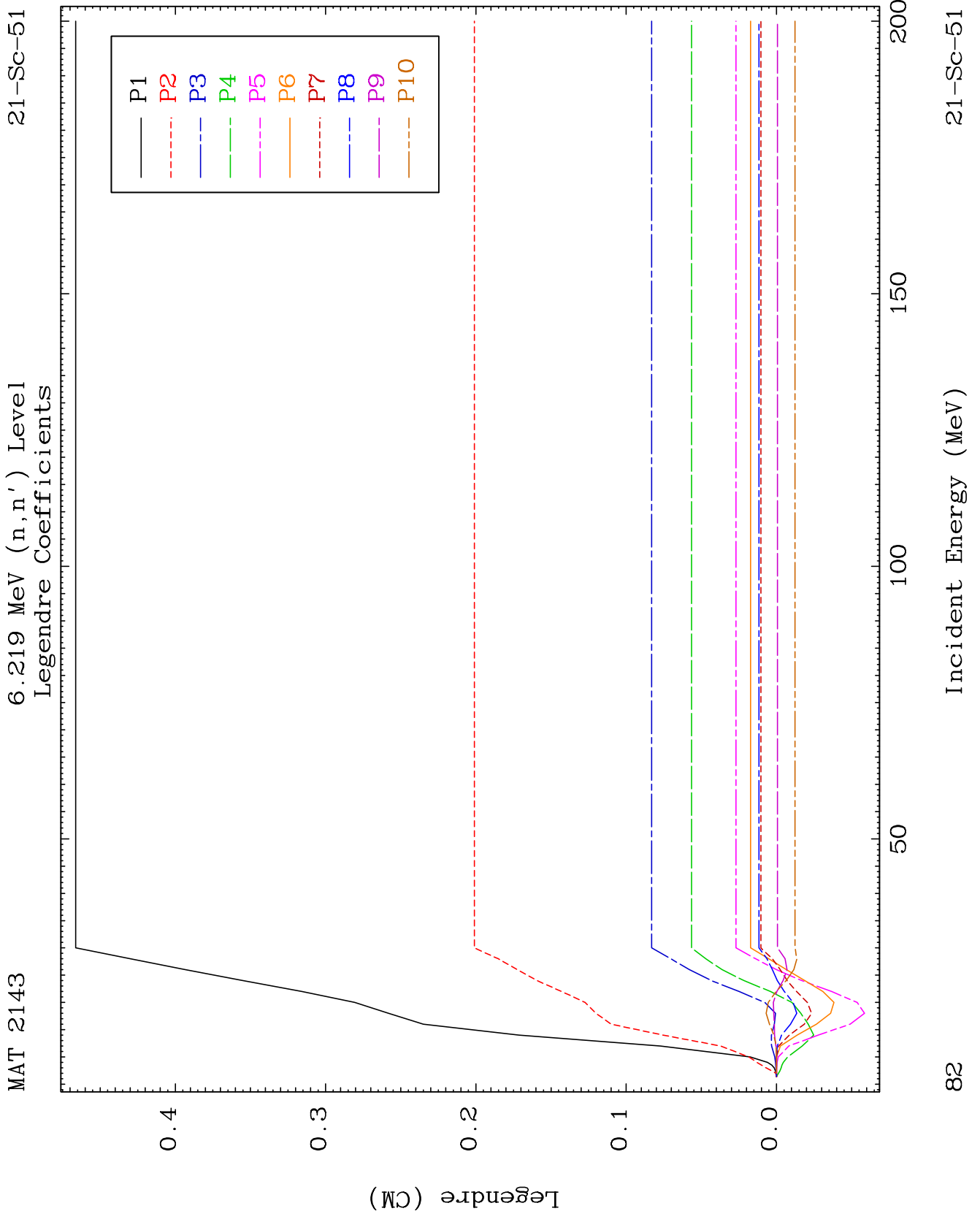


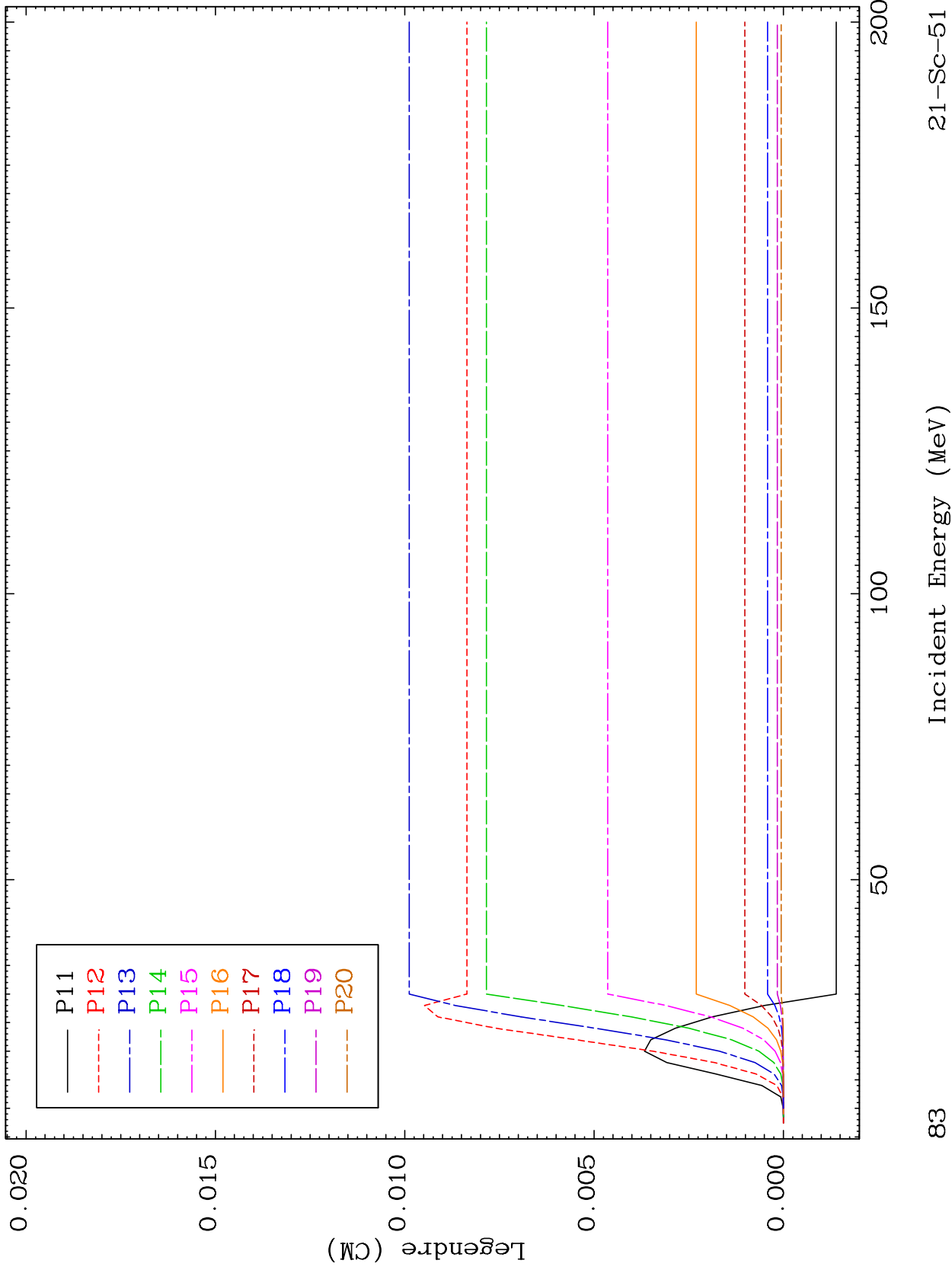
80

Incident Energy (MeV)

21-Sc-51





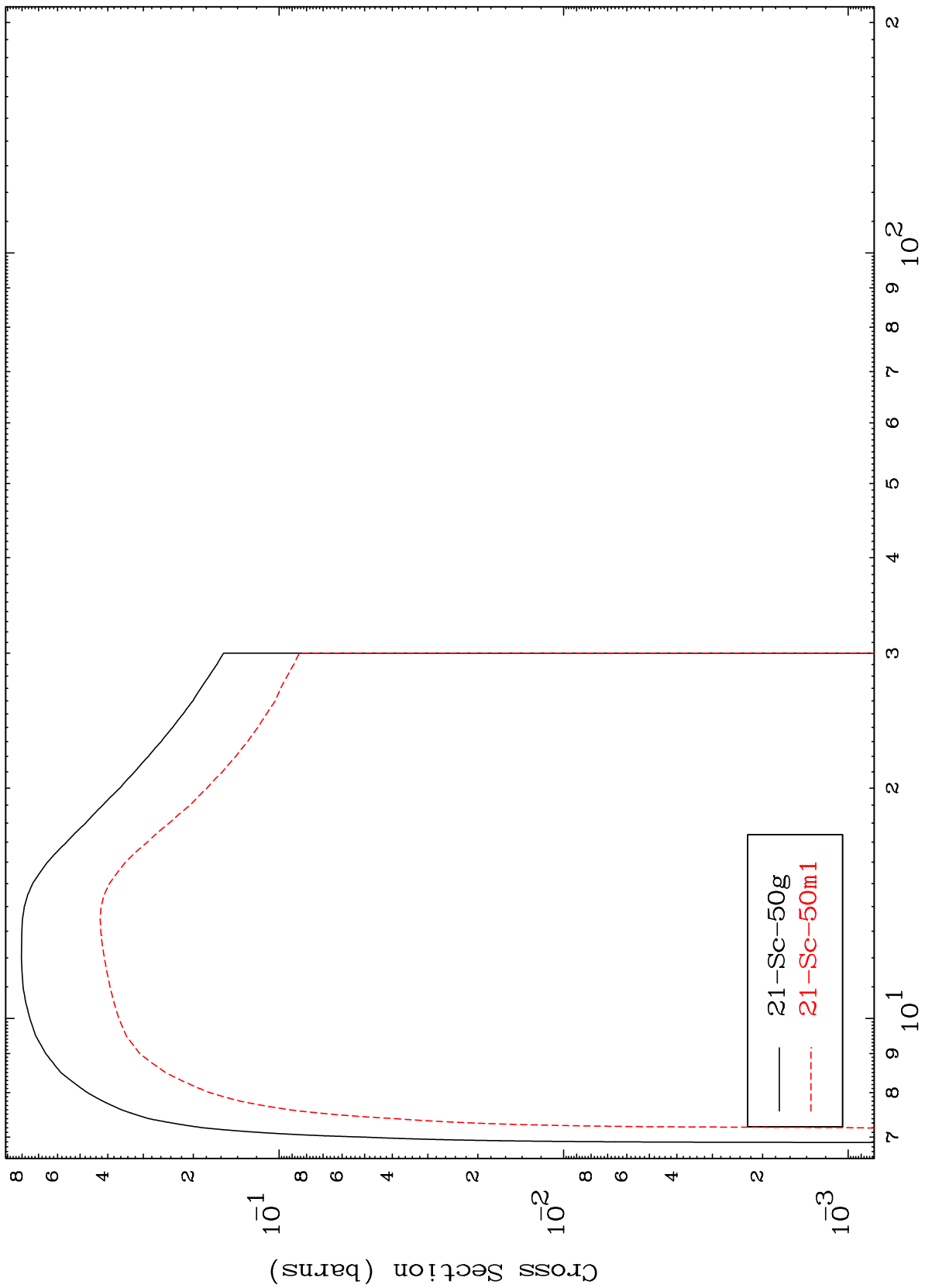




MAT 2143

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(n,2n)  
Radionuclide Production Cross Section



85

Incident Energy (MeV)

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