

Program EVALPLOT
(Version 2015-2)

by

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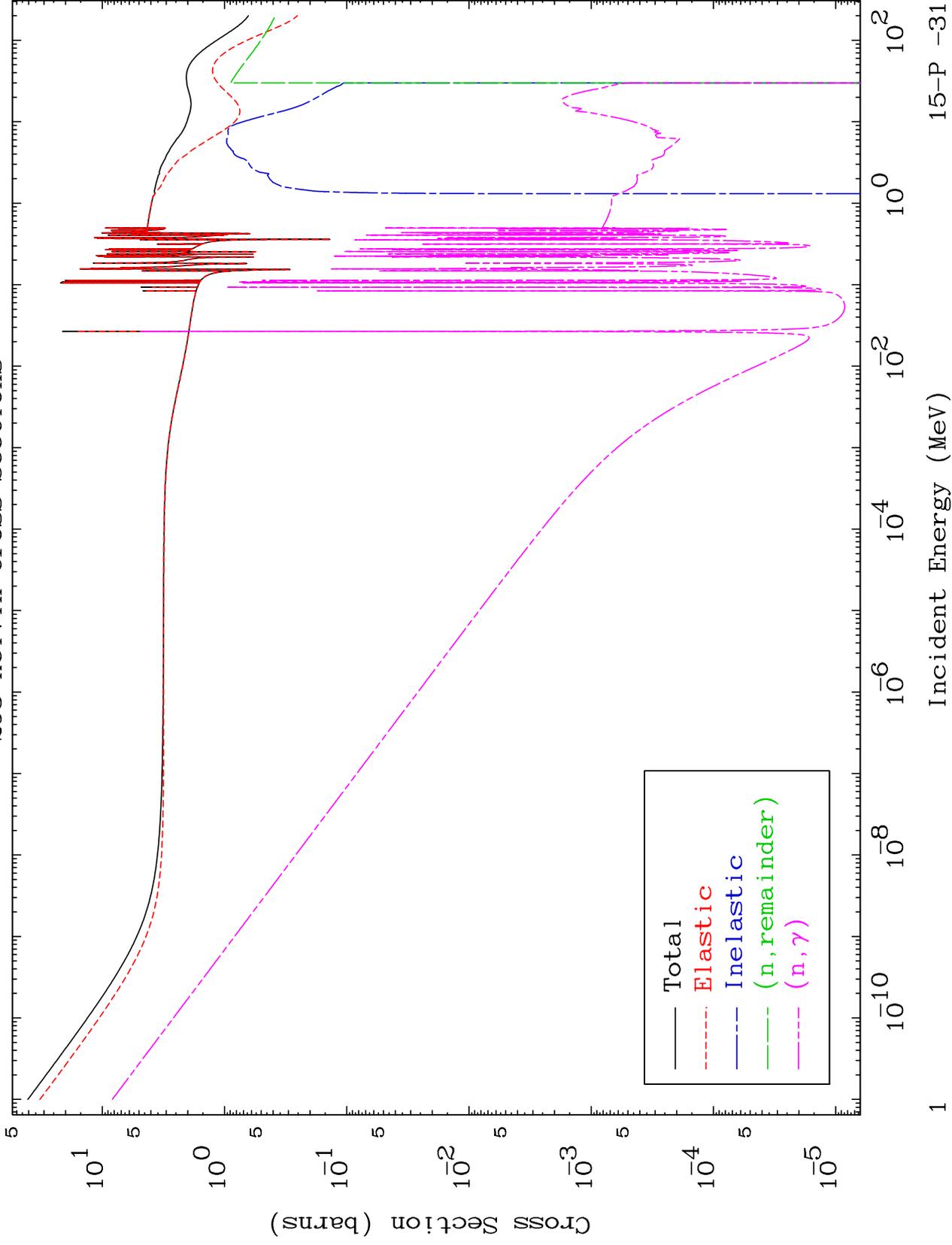
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Web:home.comcast.net/~redcullen1

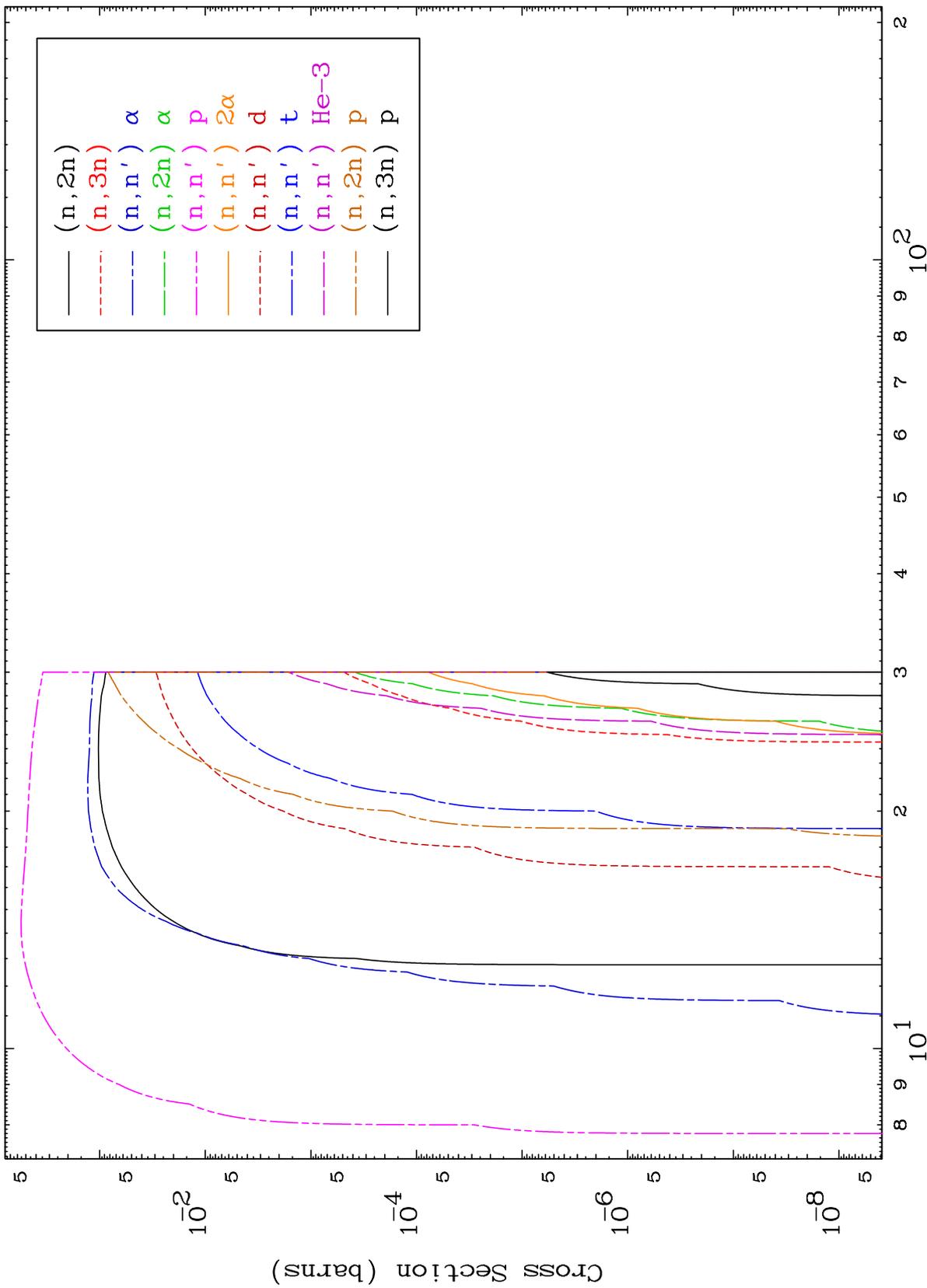
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MAT 1525

Major
293 Kelvin Cross Sections

15-P -31

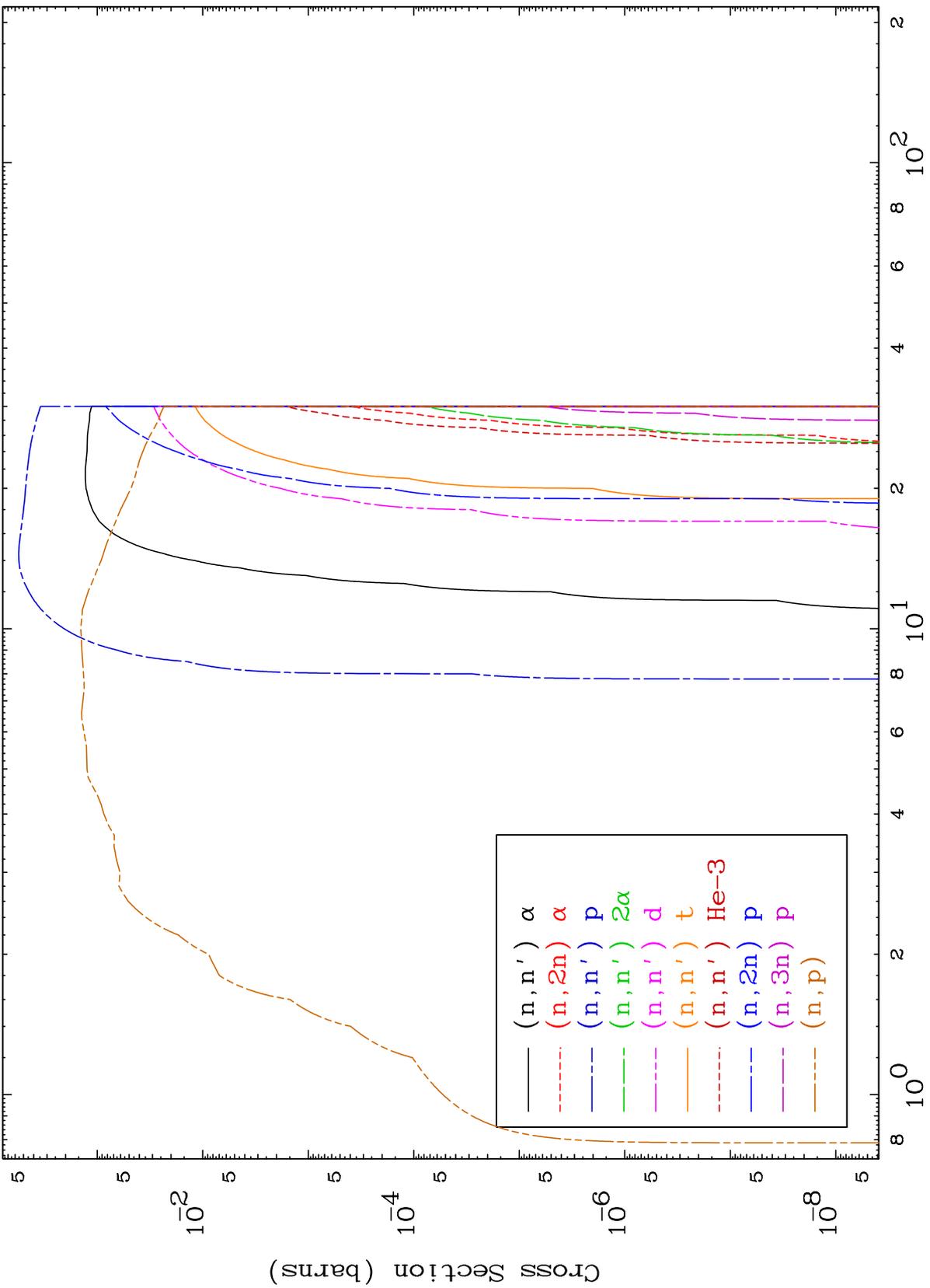




MAT 1525

Charged Particle
293 Kelvin Cross Sections

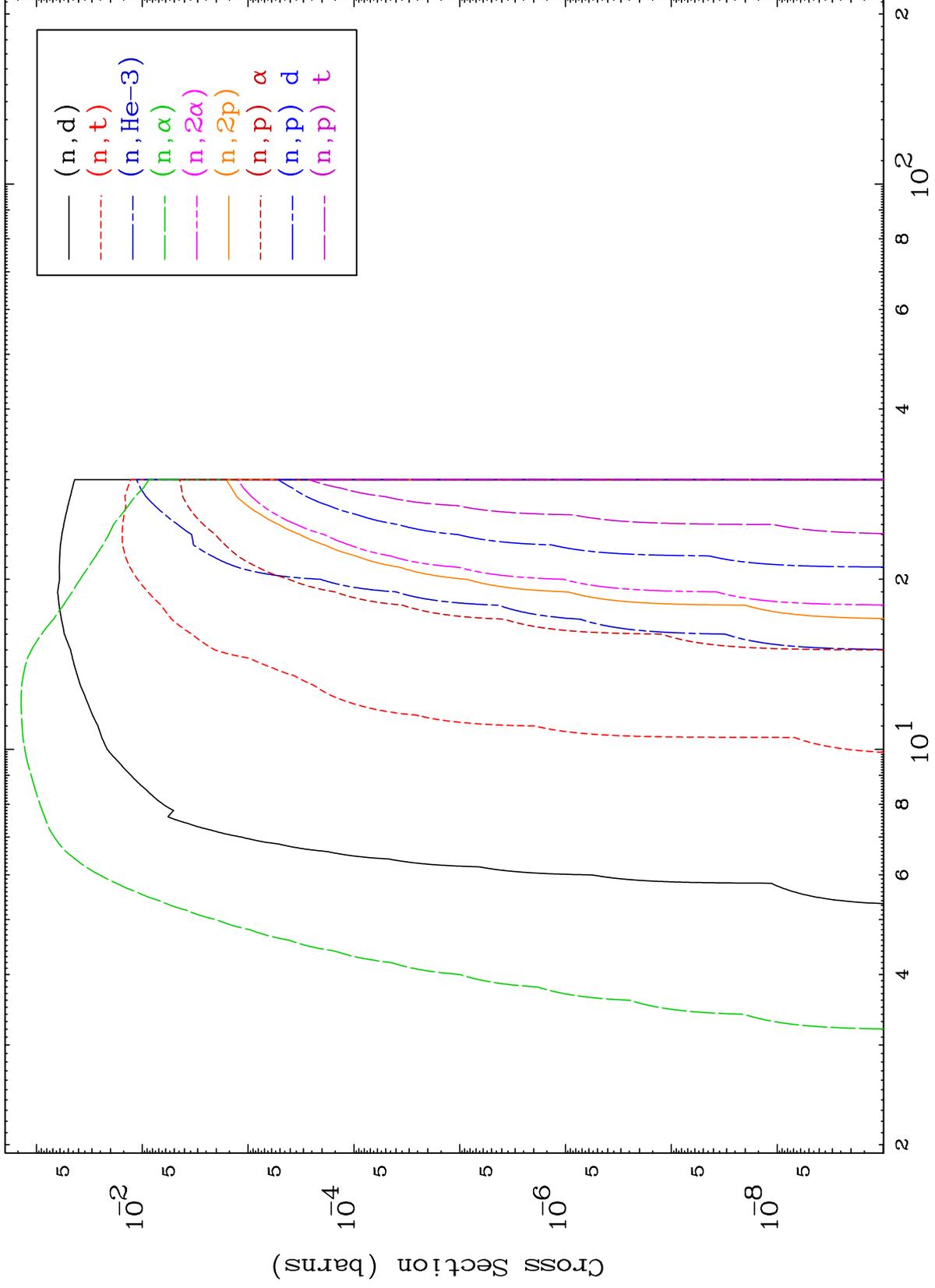
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Incident Energy (MeV)

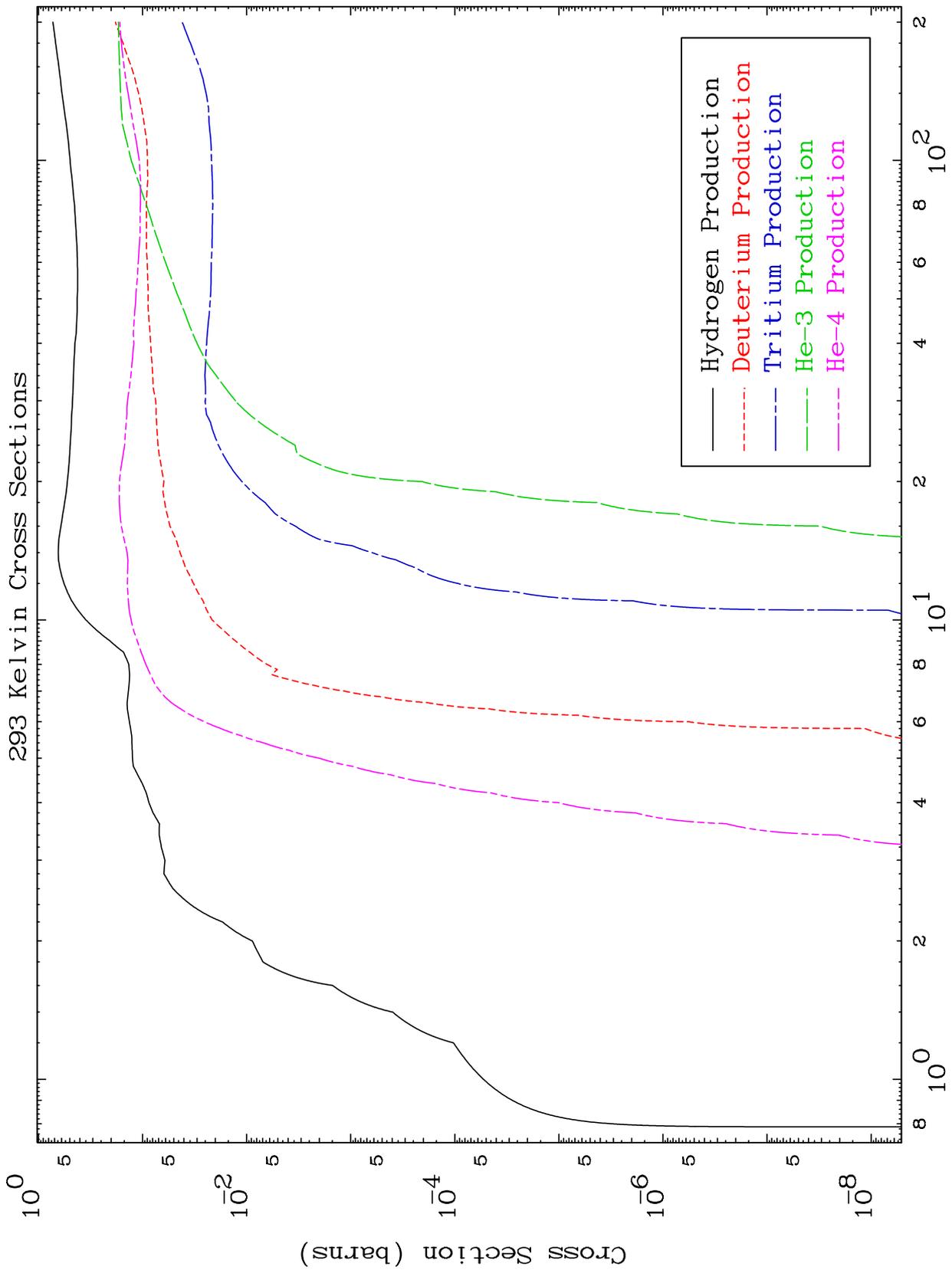
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MAT 1525

Particle Production
293 Kelvin Cross Sections

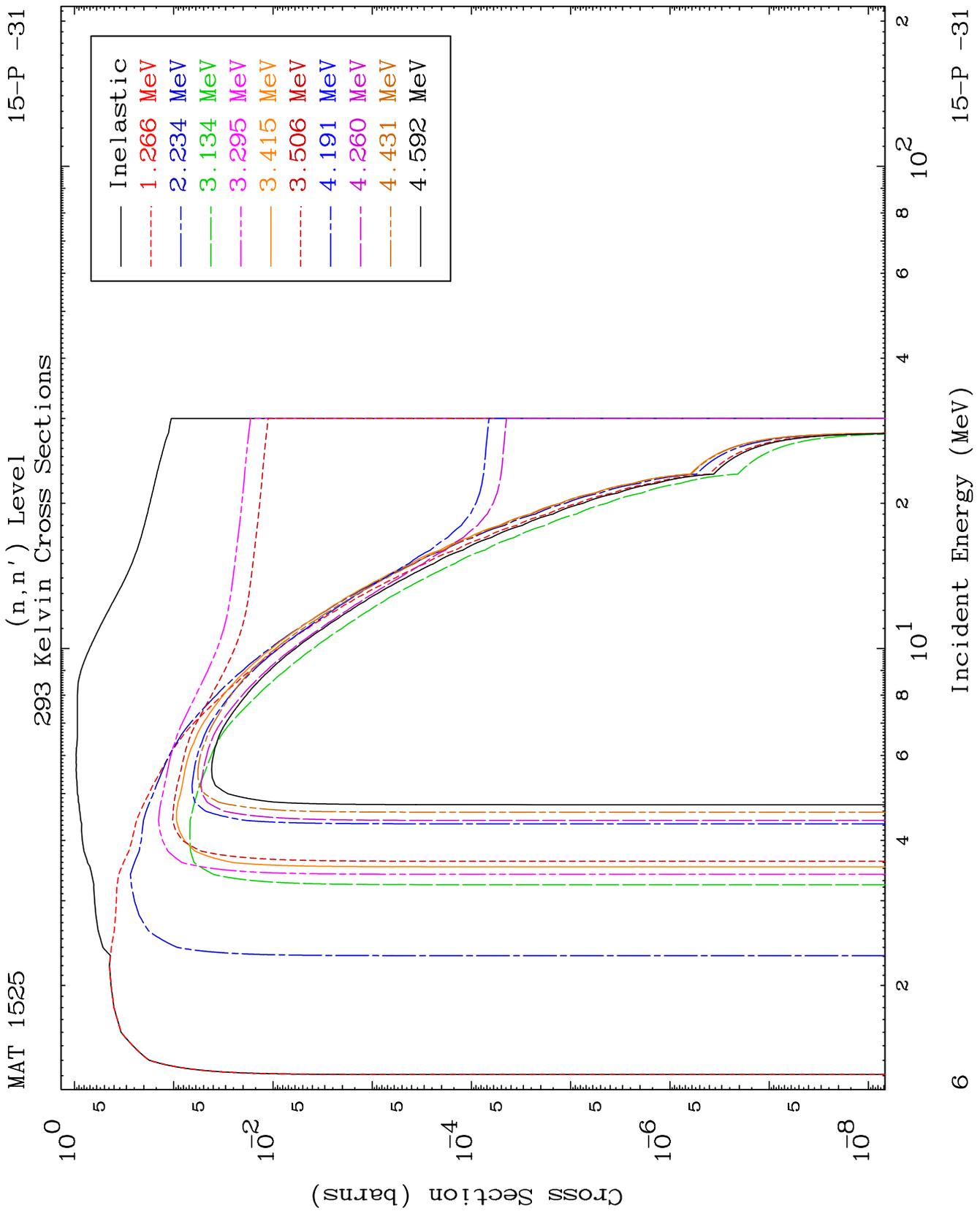
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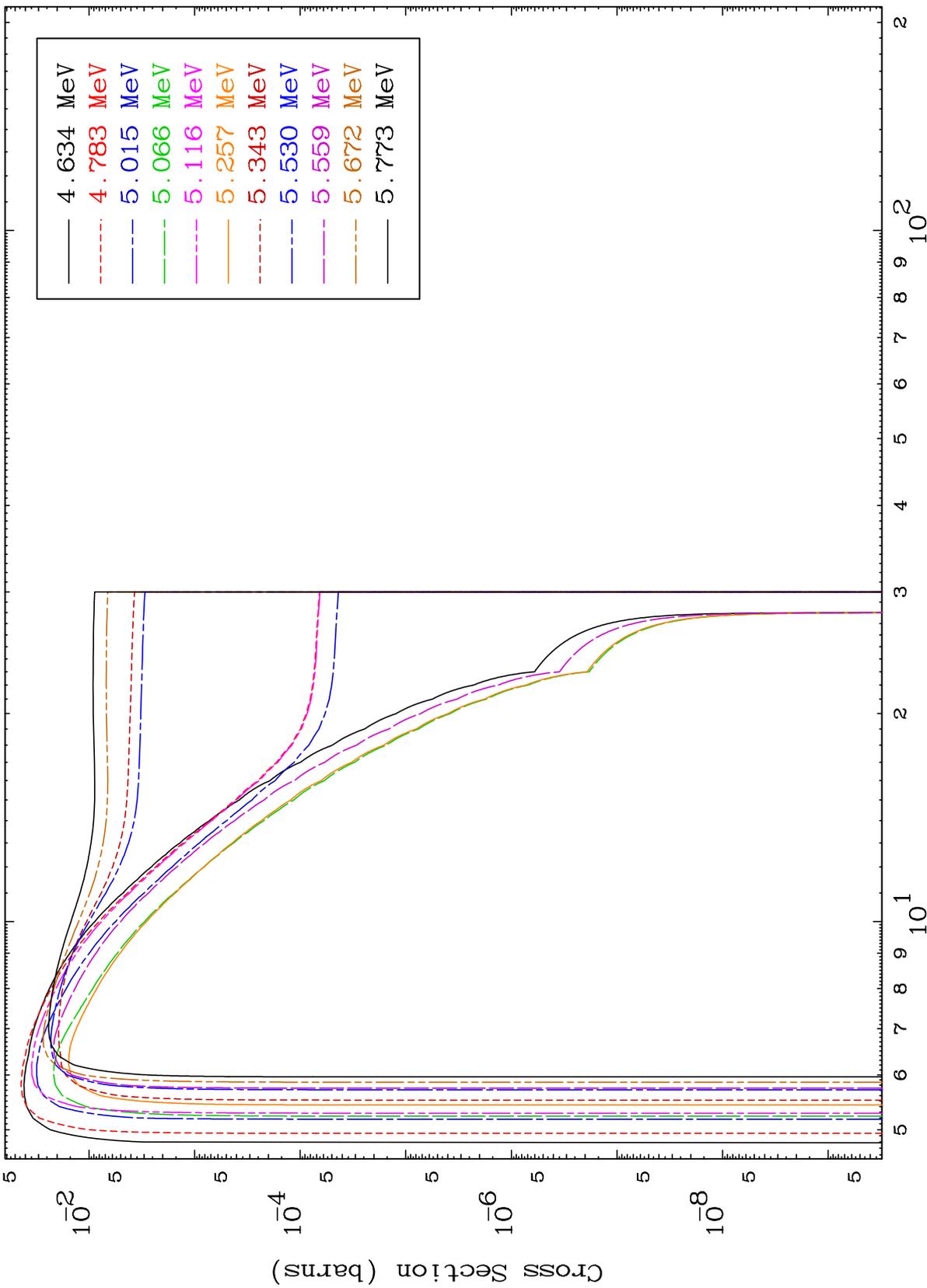


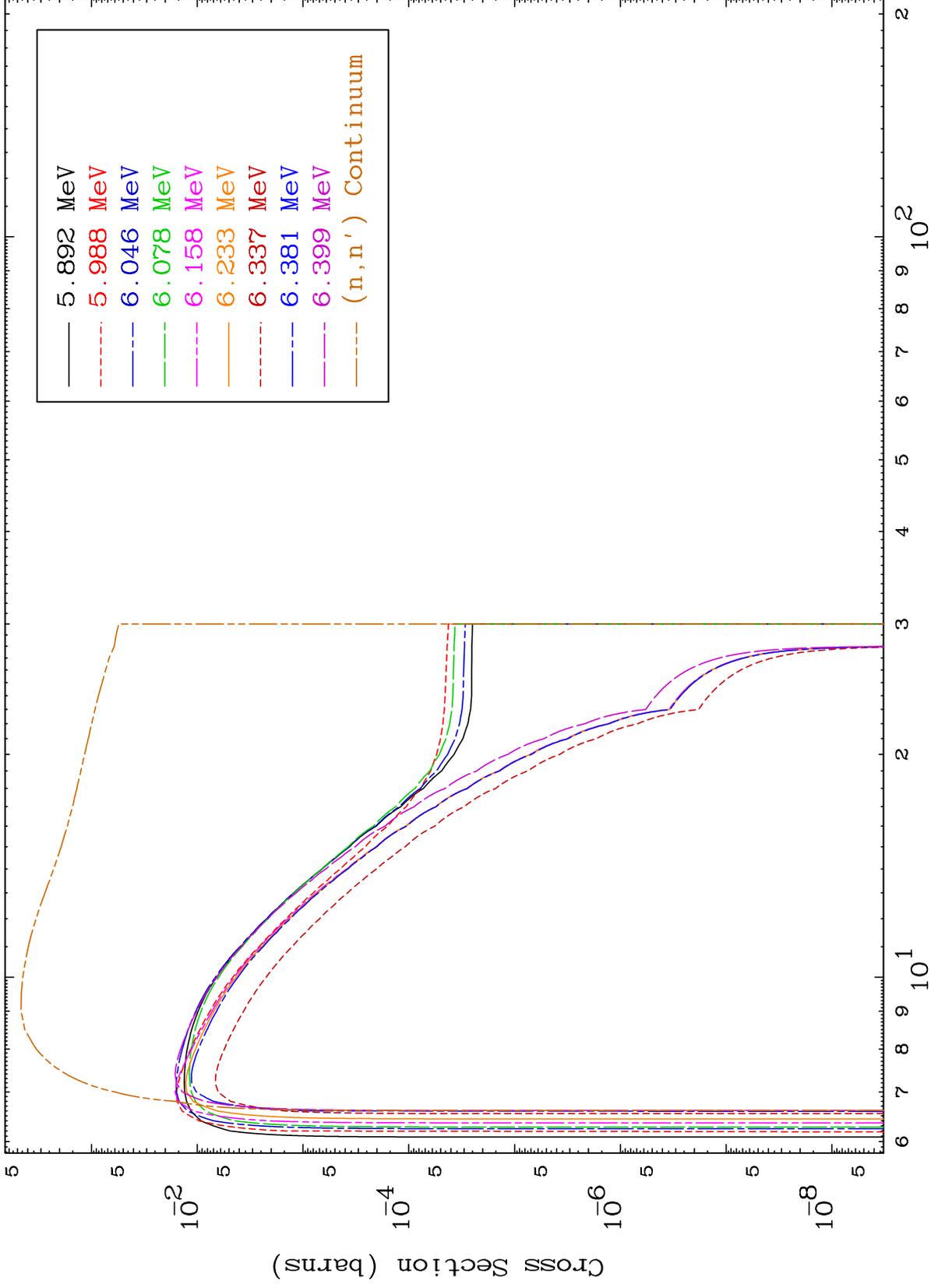
Incident Energy (MeV)

15-P -31

5



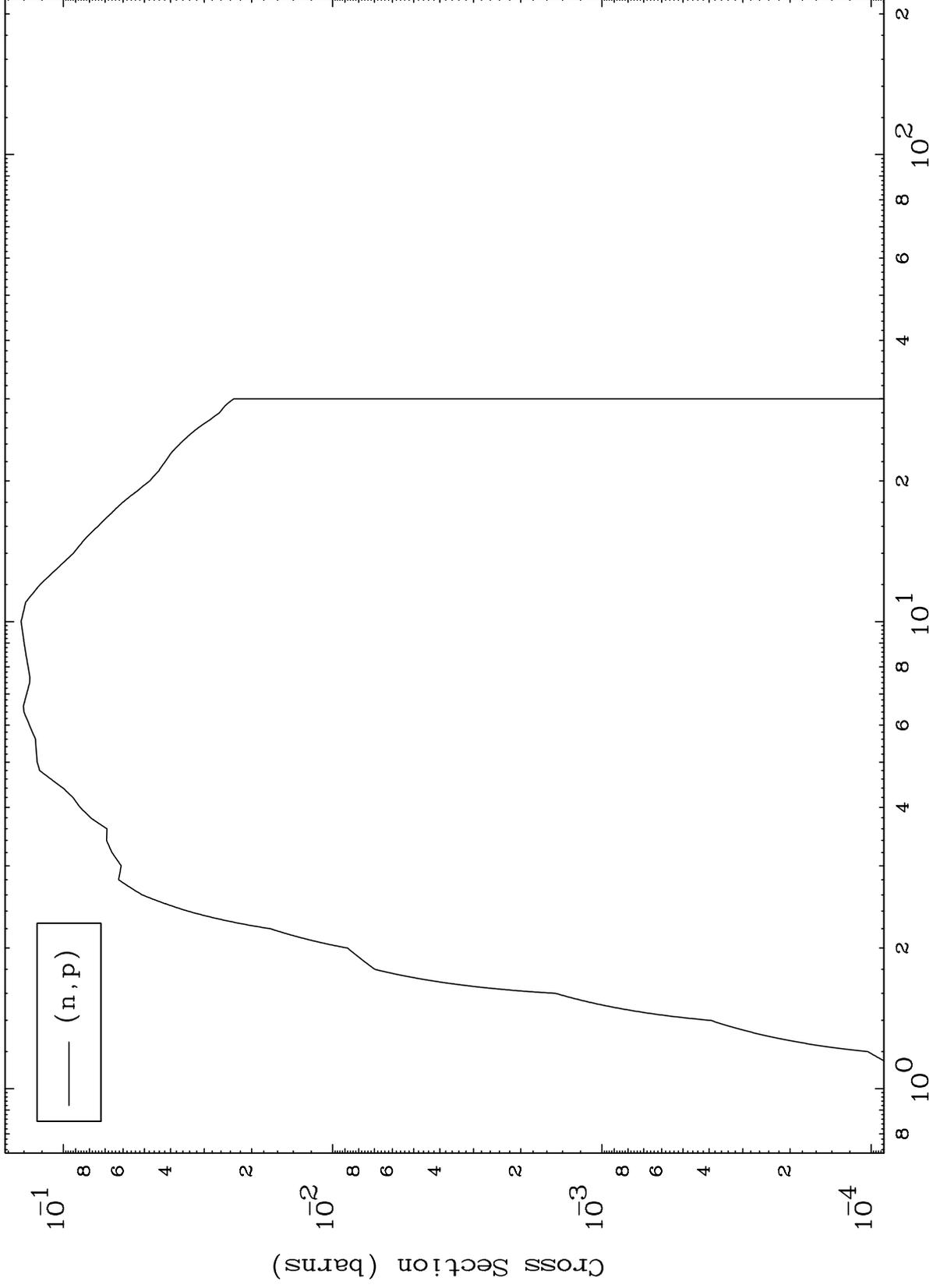




MAT 1525

(n,p) Levels
293 Kelvin Cross Sections

15-P -31



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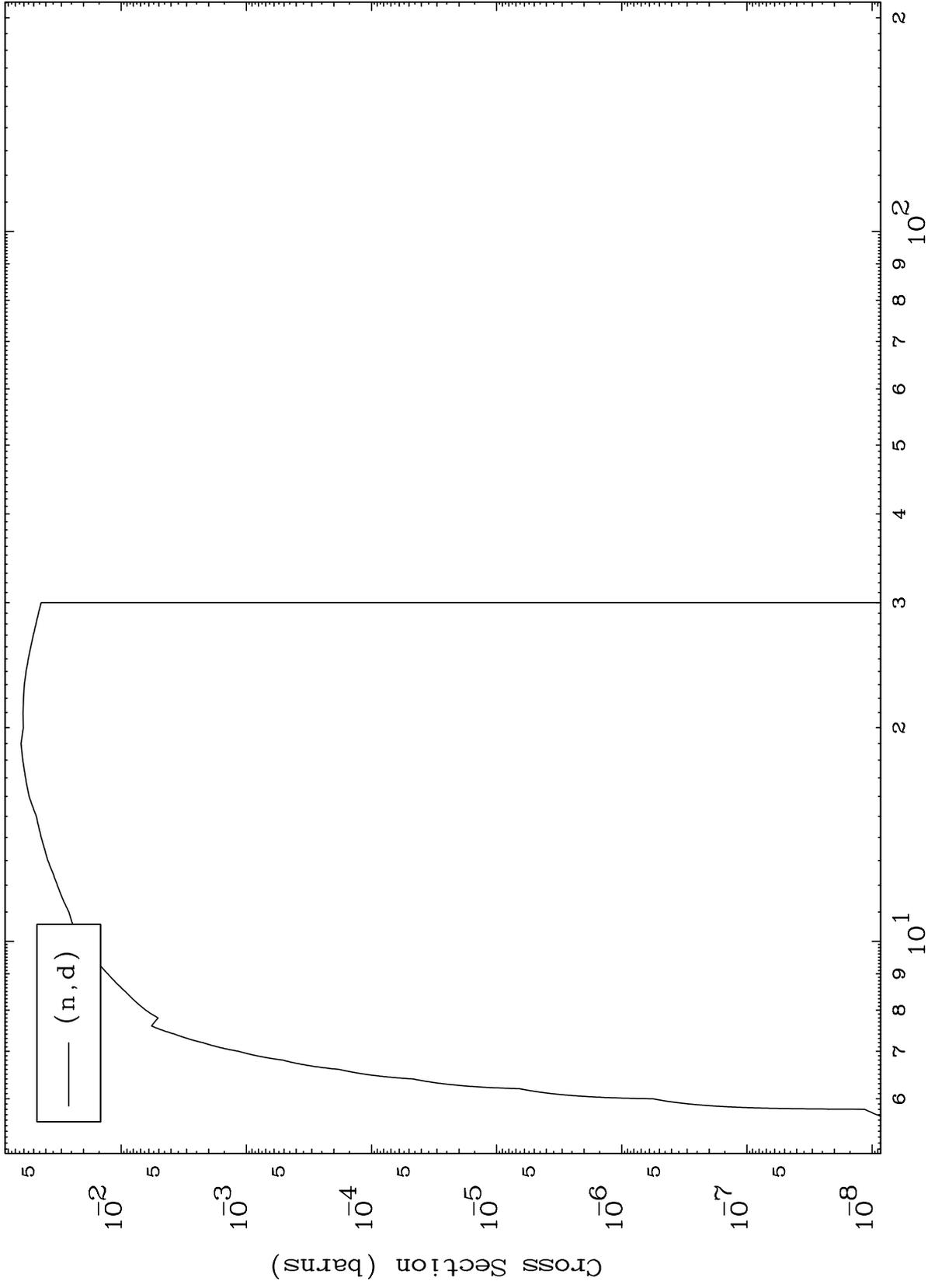
Incident Energy (MeV)

15-P -31

MAT 1525

(n,d) Levels
293 Kelvin Cross Sections

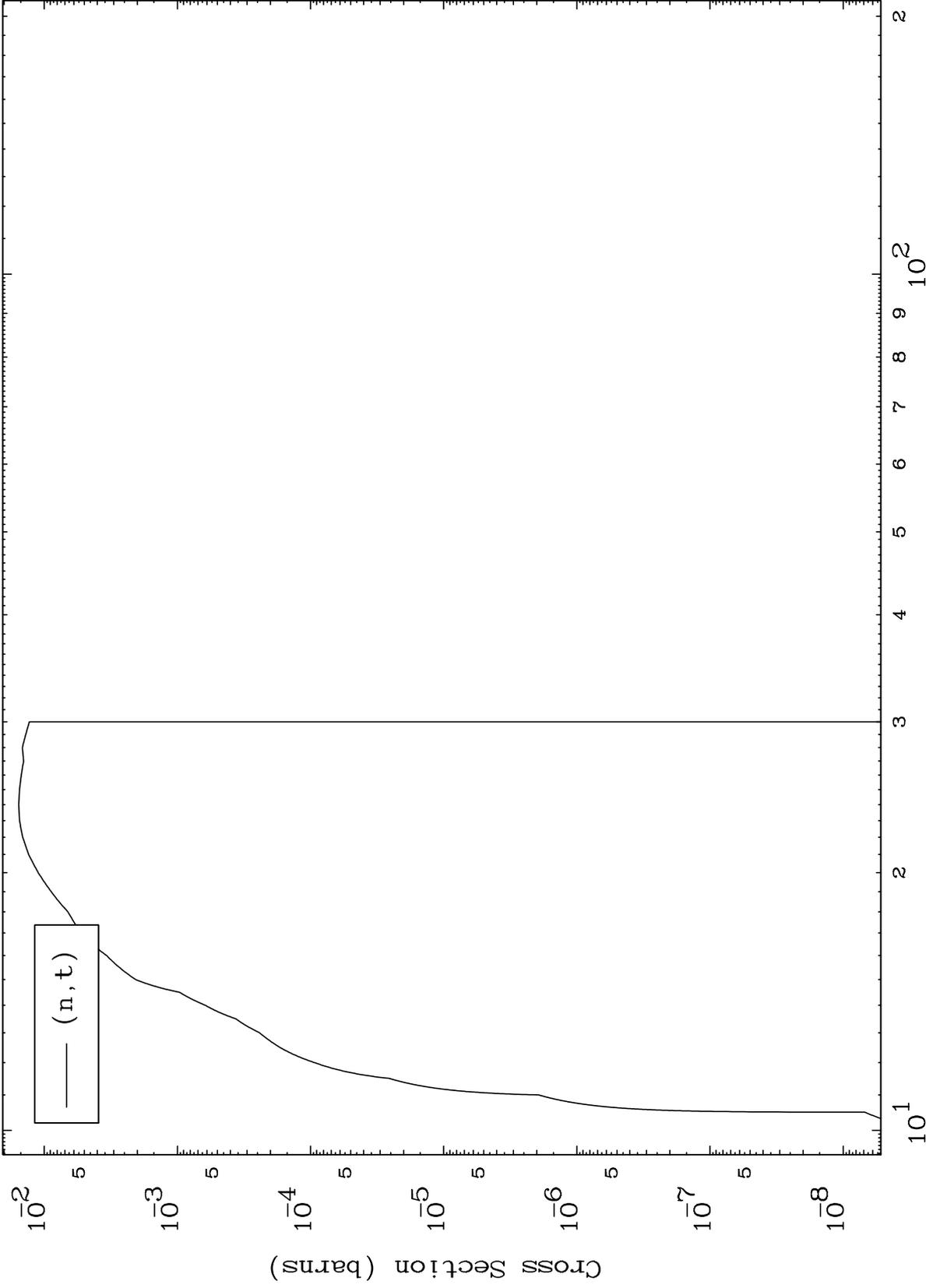
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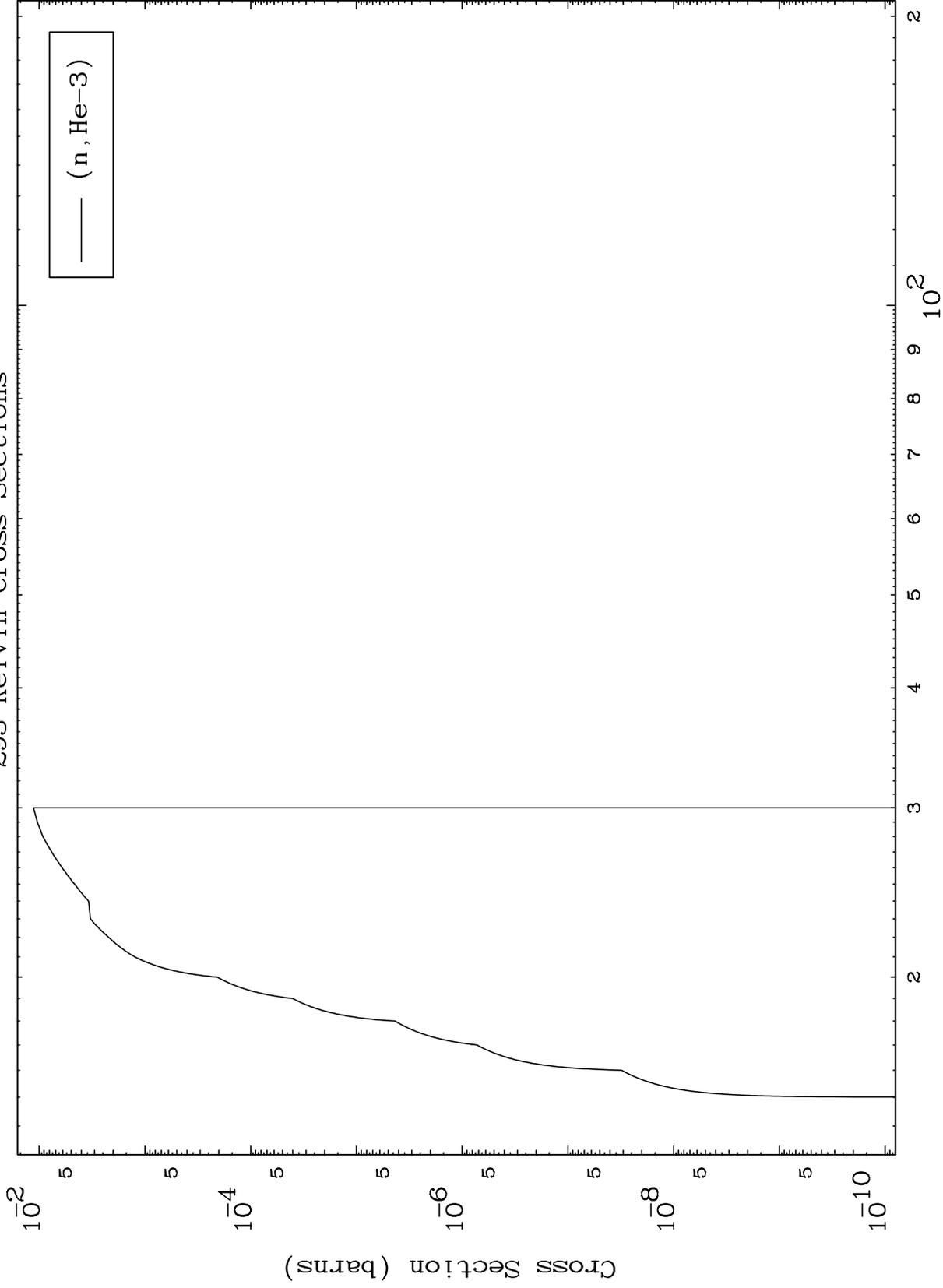


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Incident Energy (MeV)

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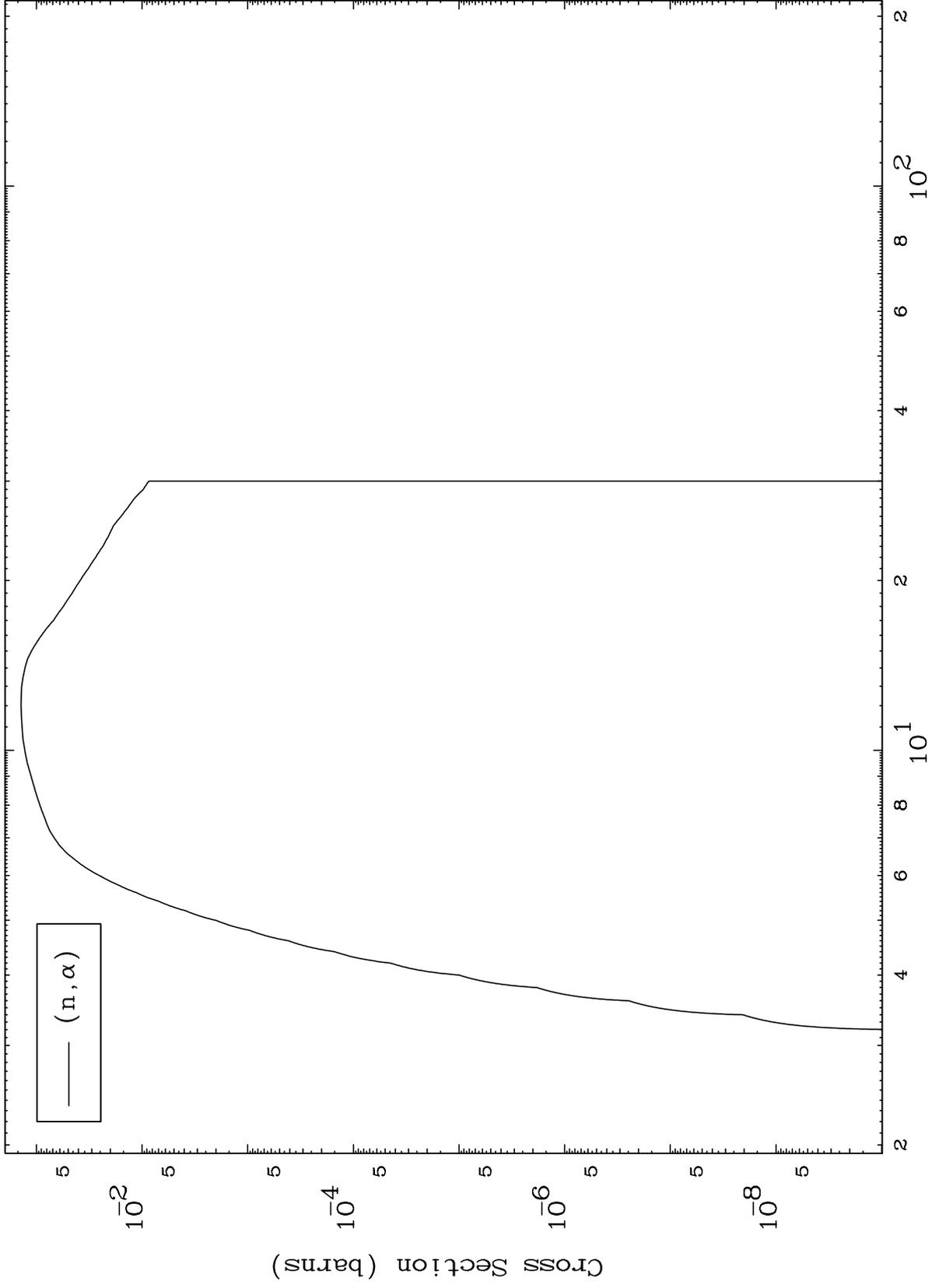




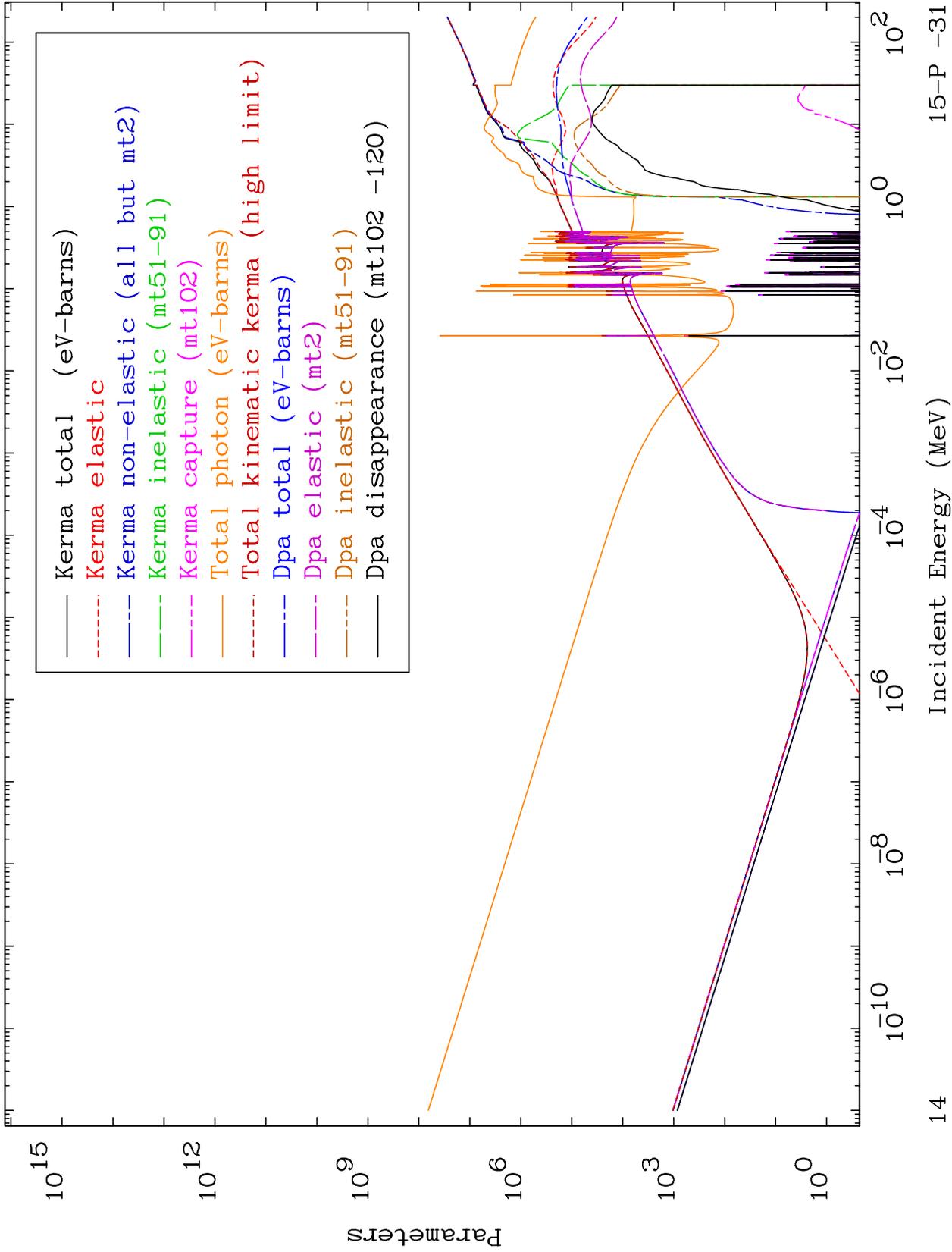
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(n, α) Levels
293 Kelvin Cross Sections

15-P -31



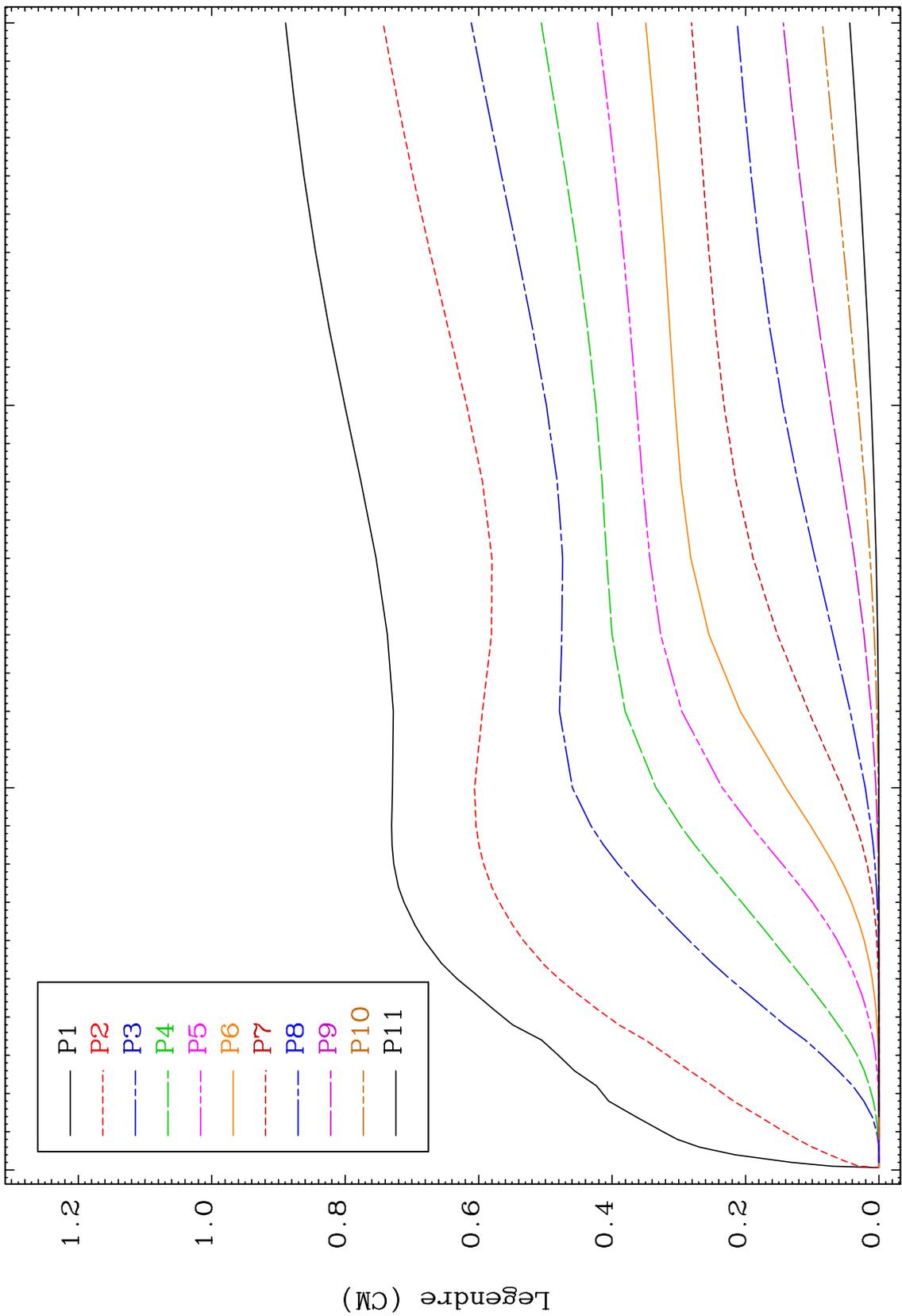
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MAT 1525

Elastic Legendre Coefficients

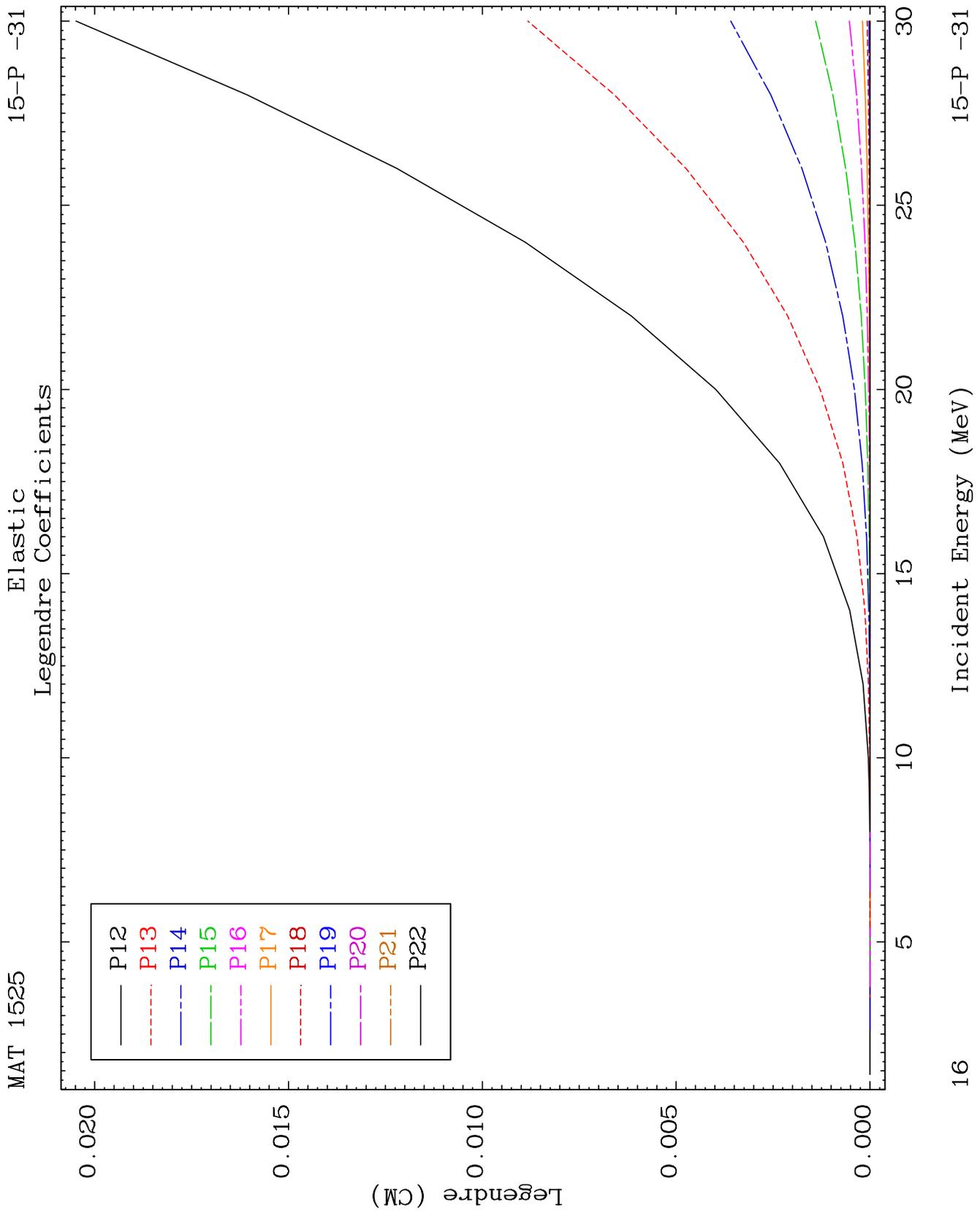
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Incident Energy (MeV)

15-P -31



MAT 1525

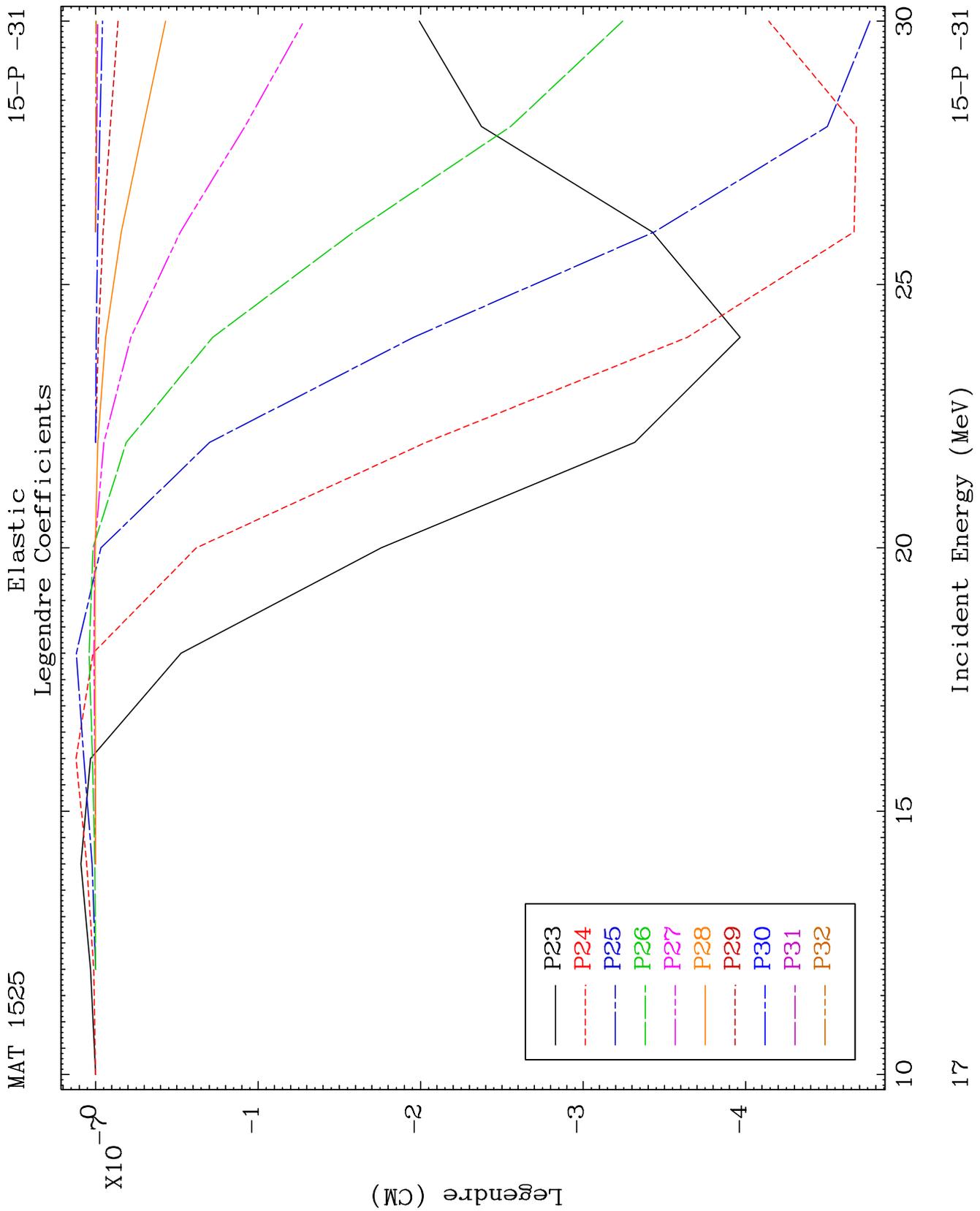
Elastic Legendre Coefficients

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16

Incident Energy (MeV)

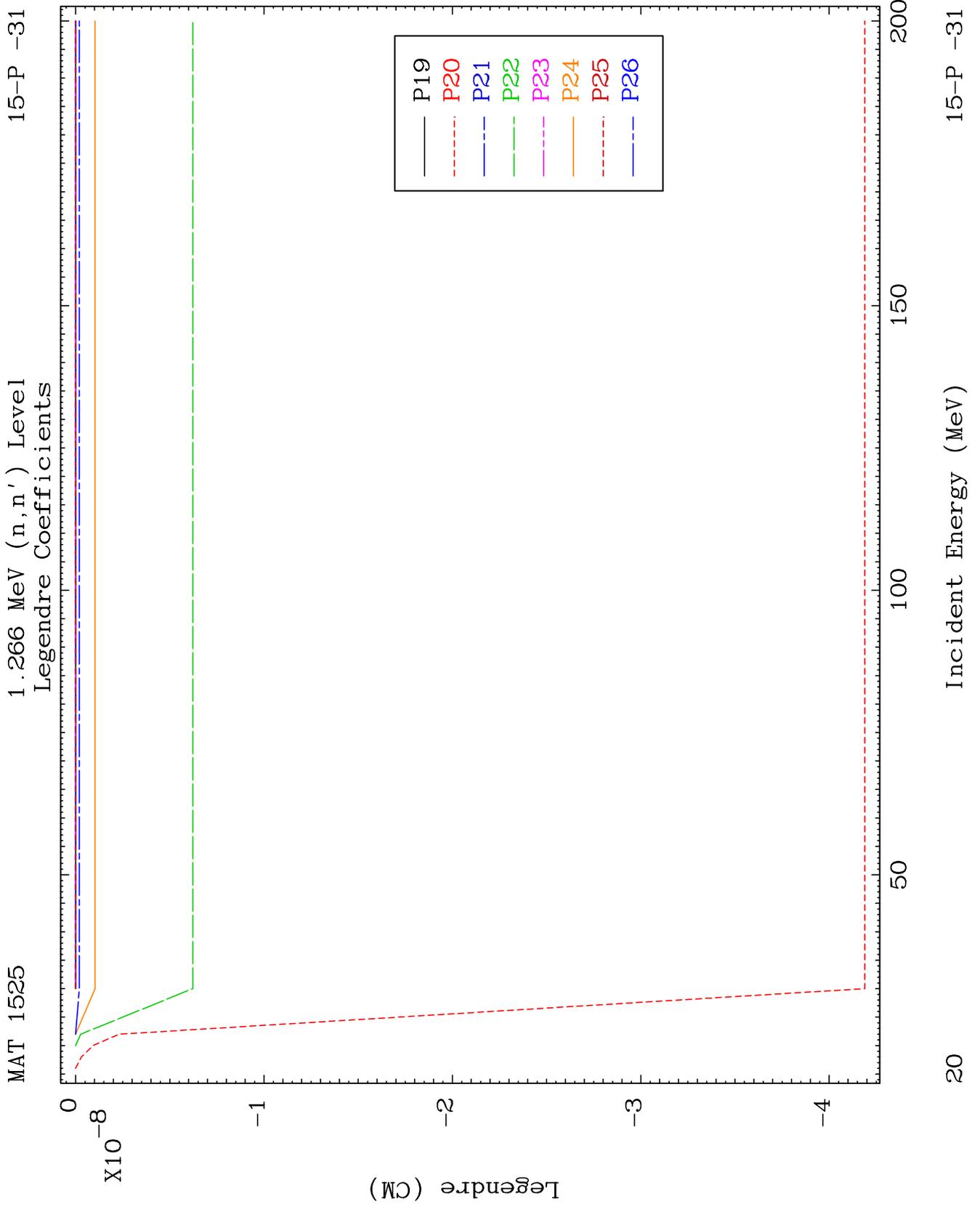
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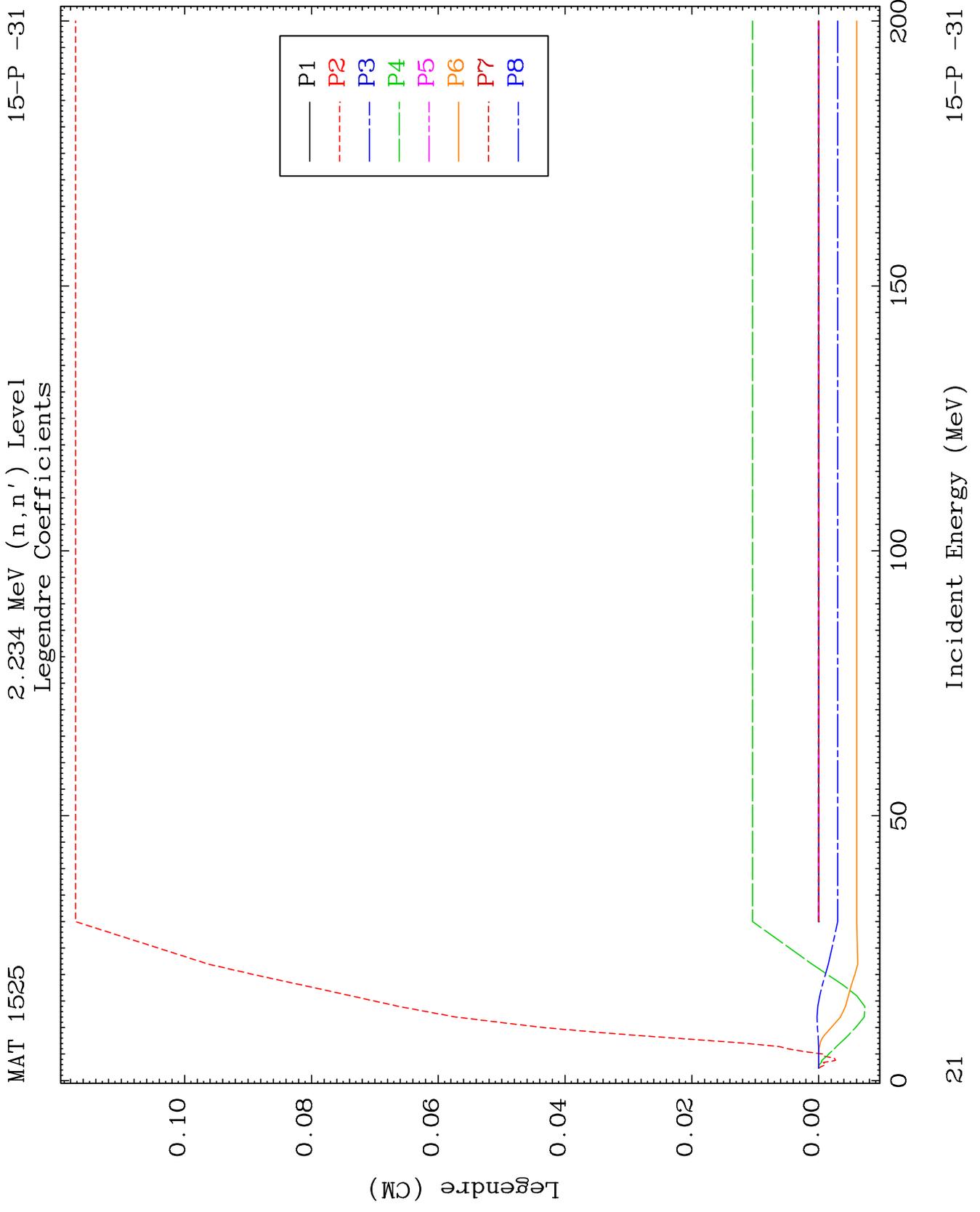


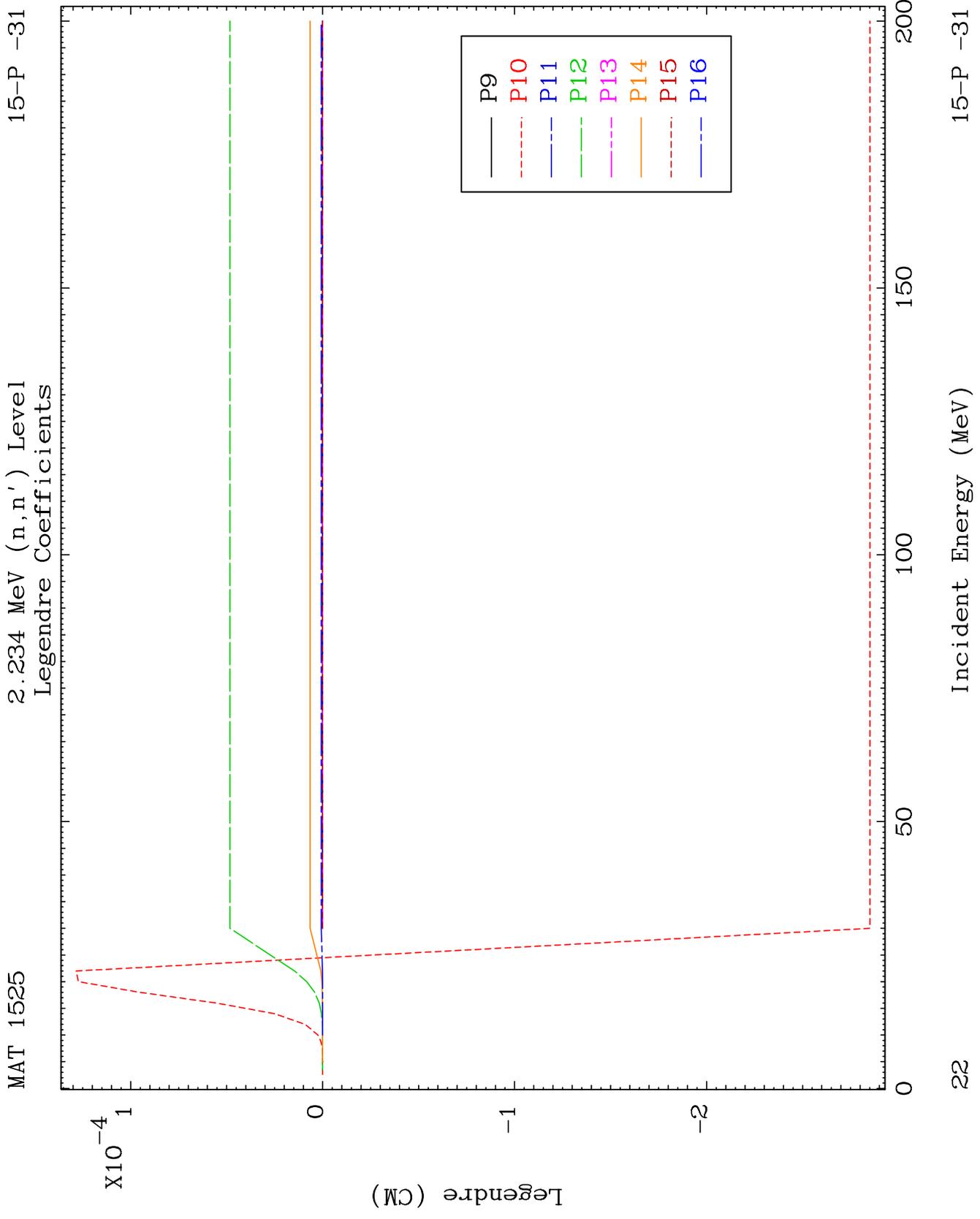
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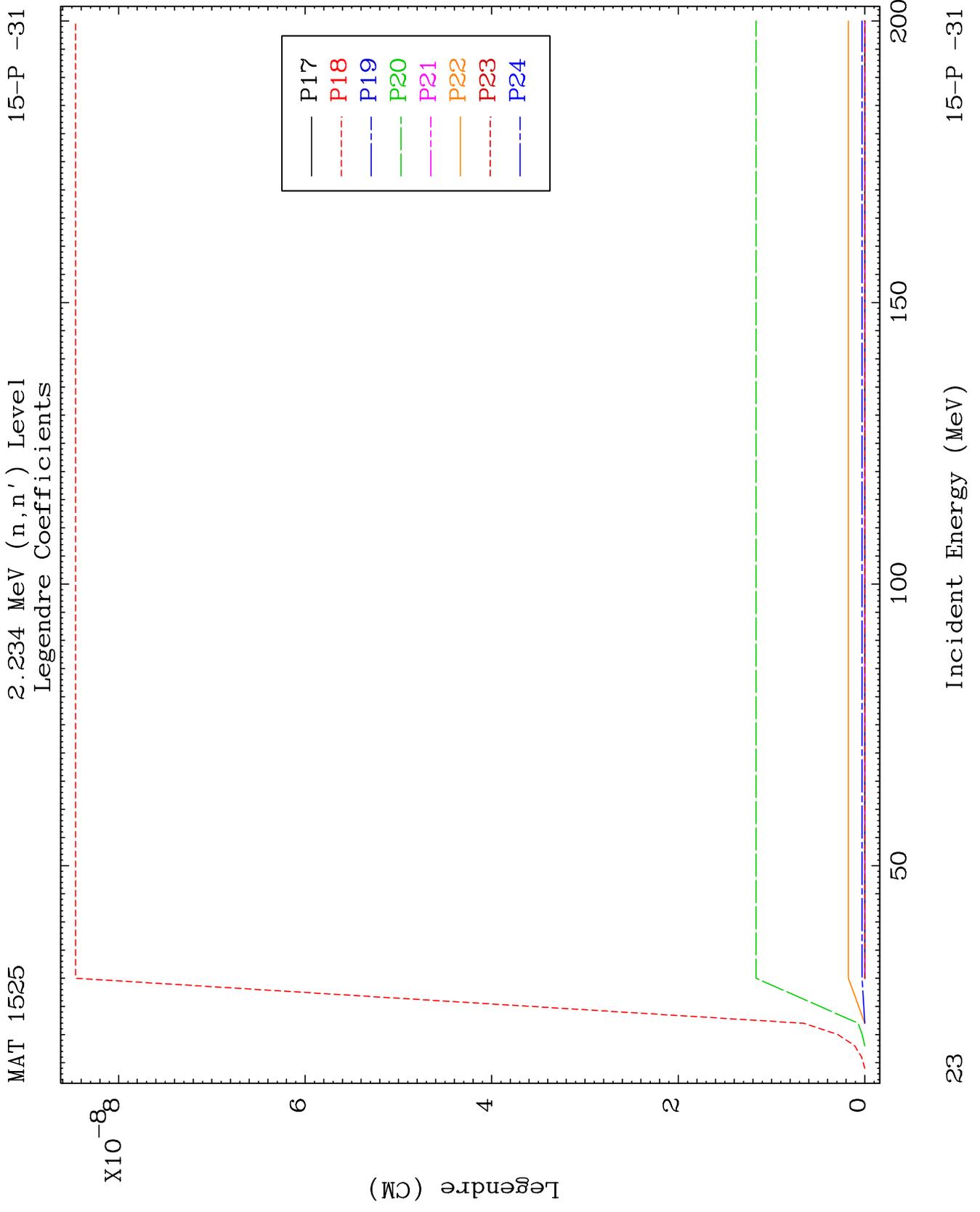
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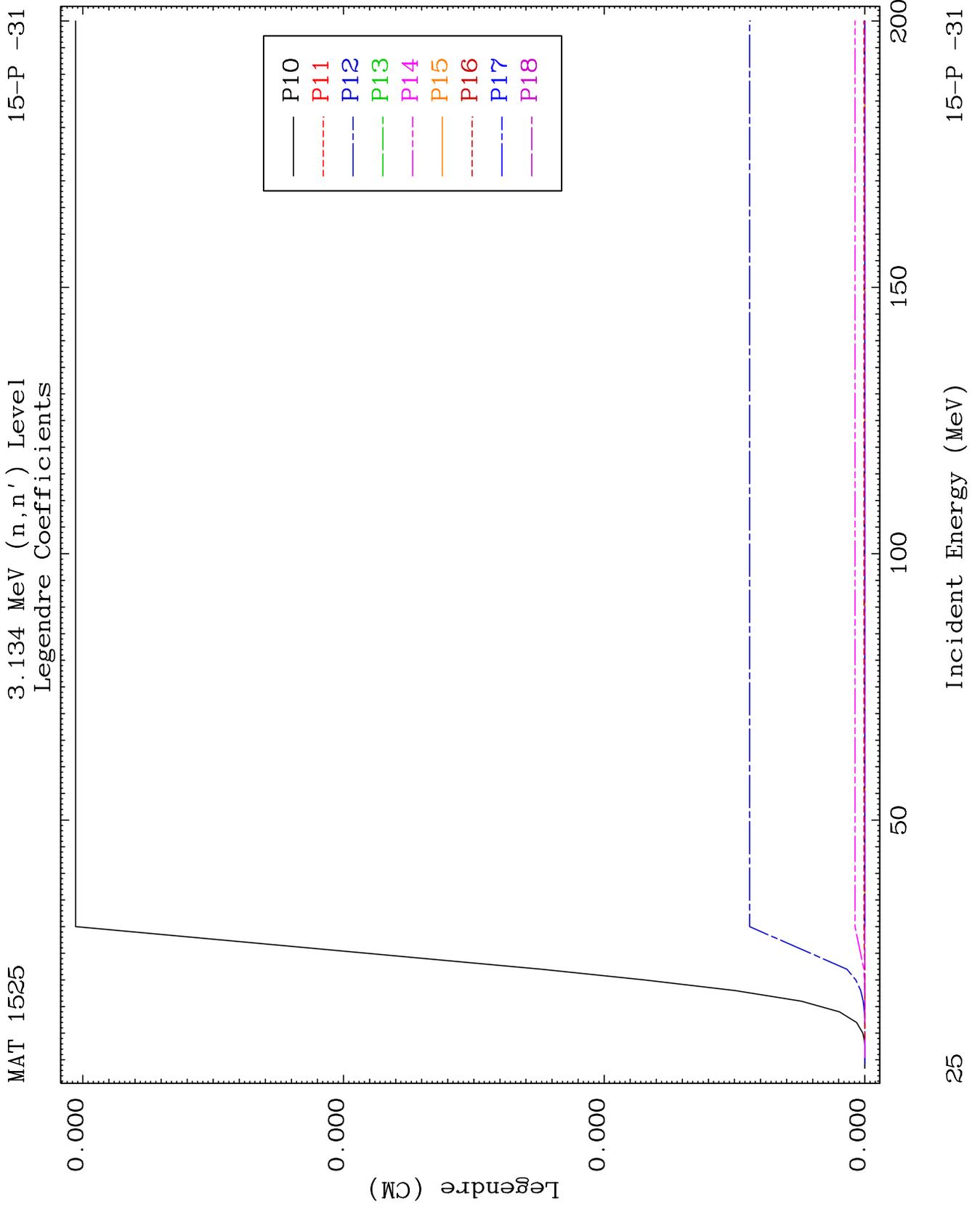
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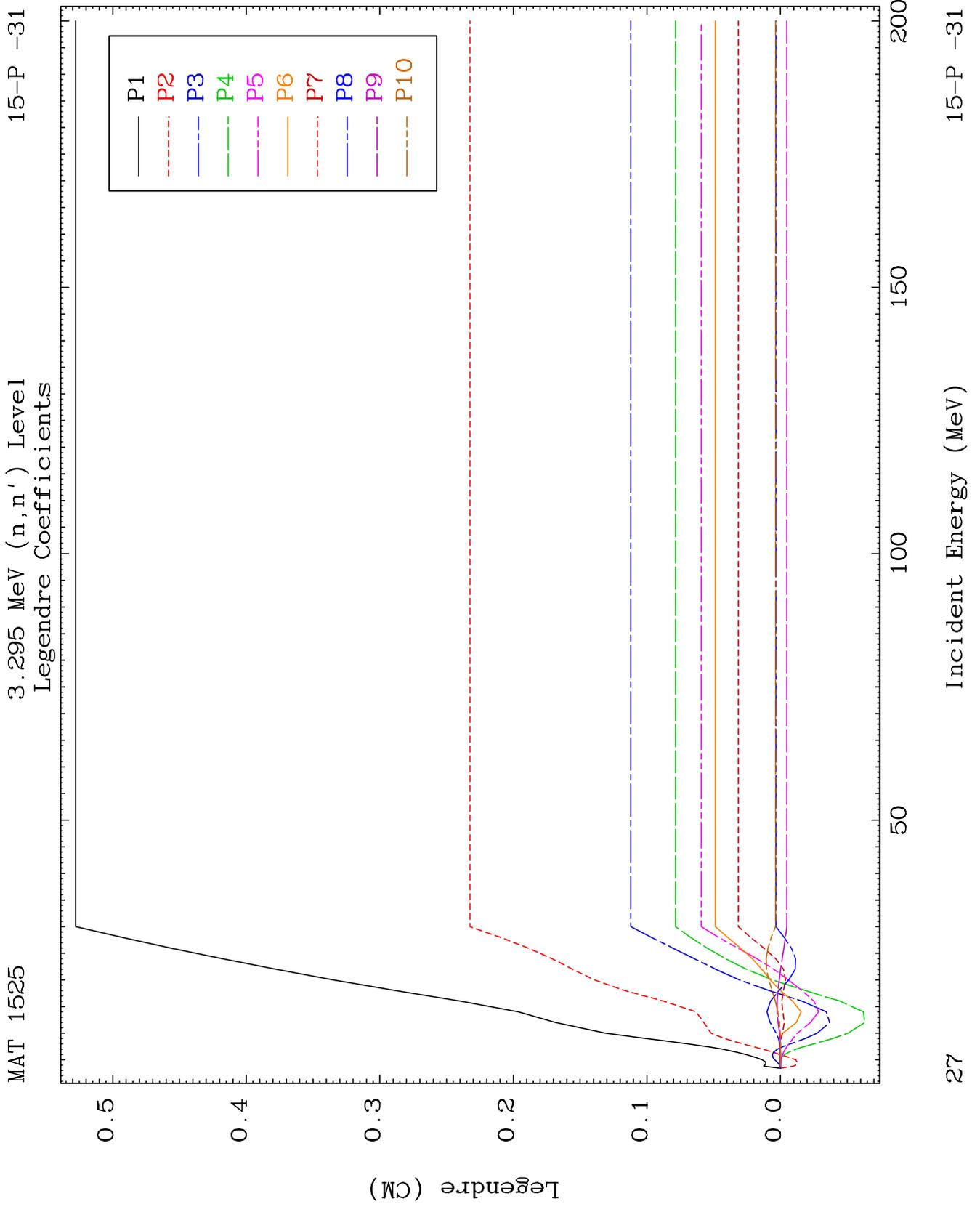


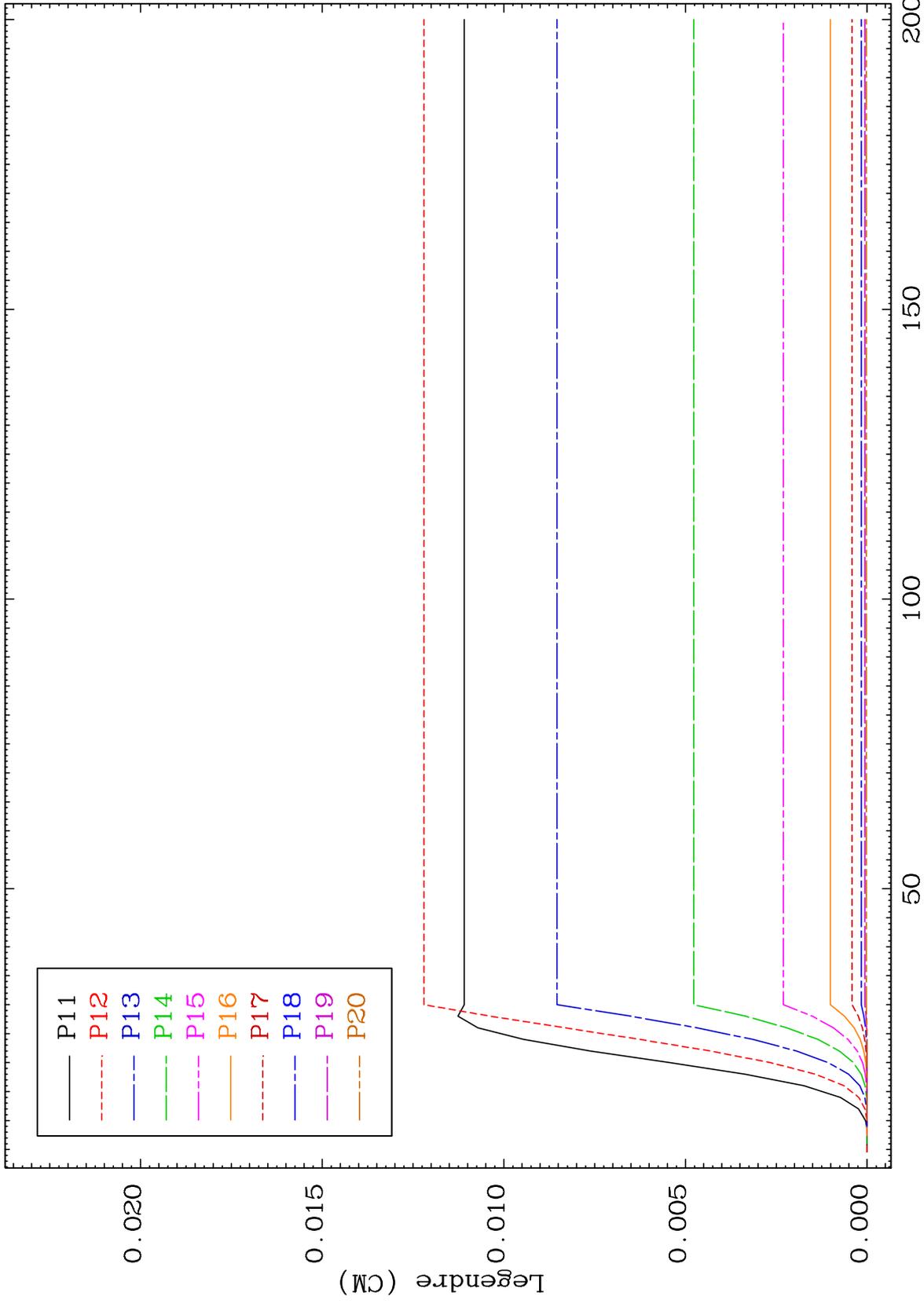


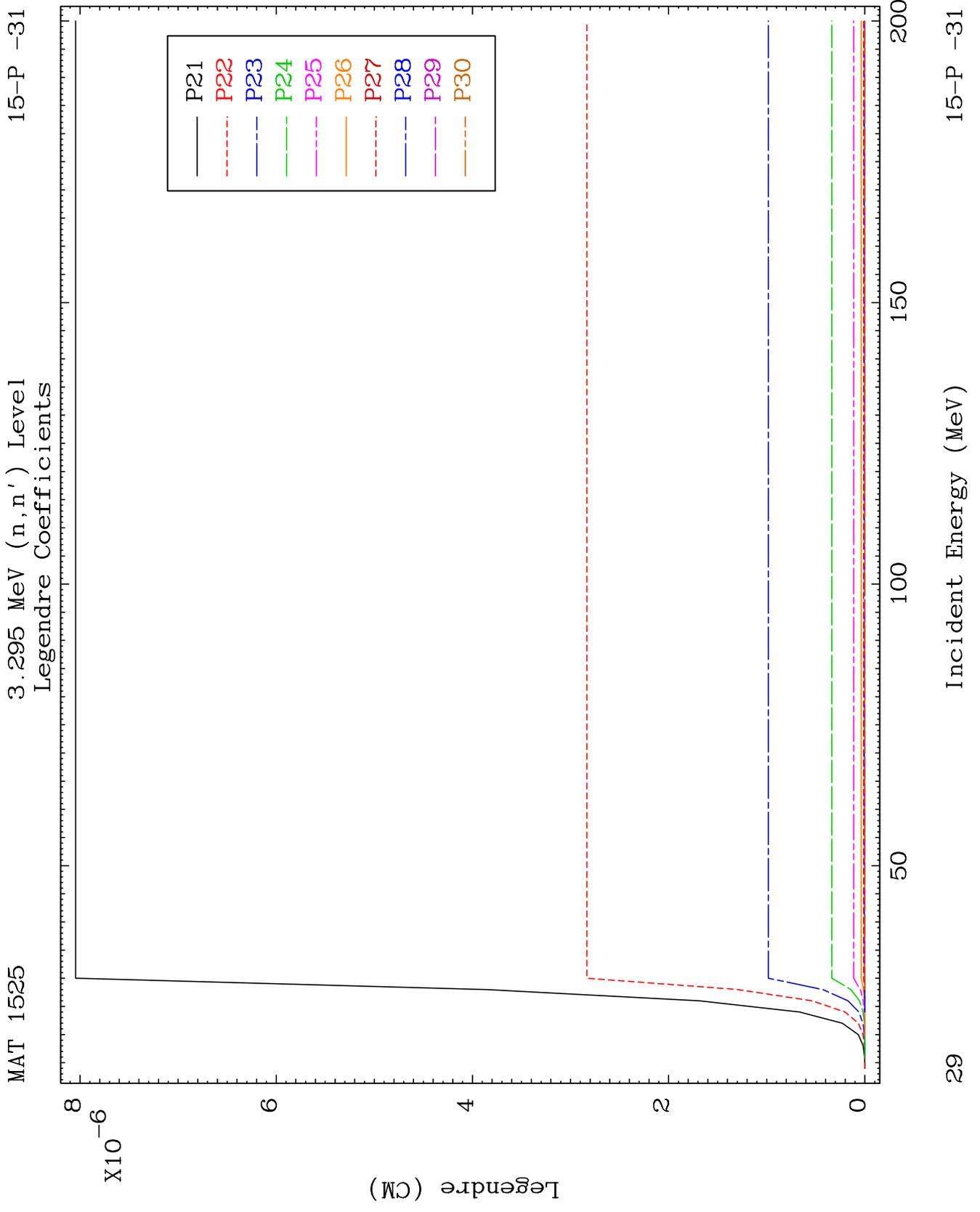


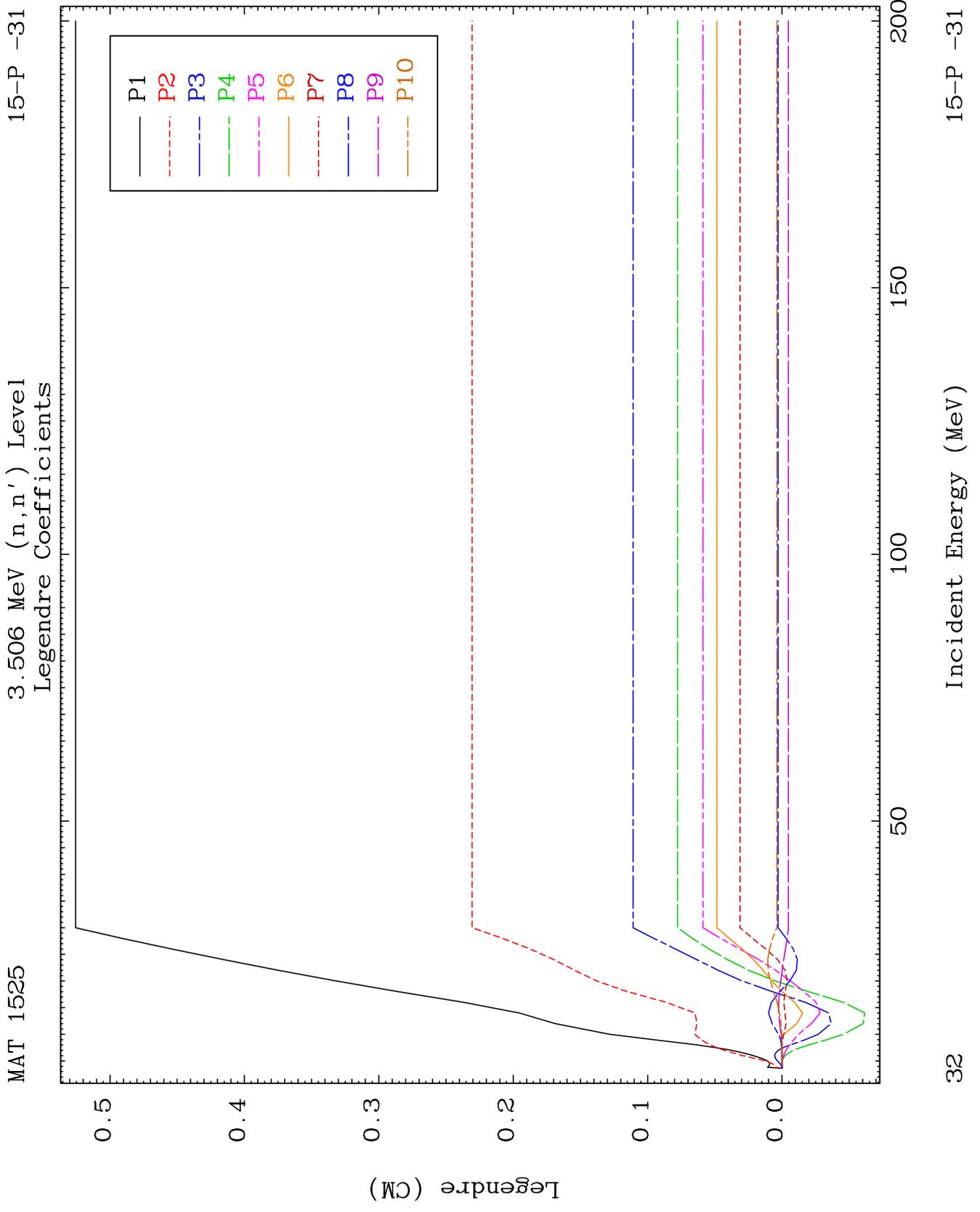


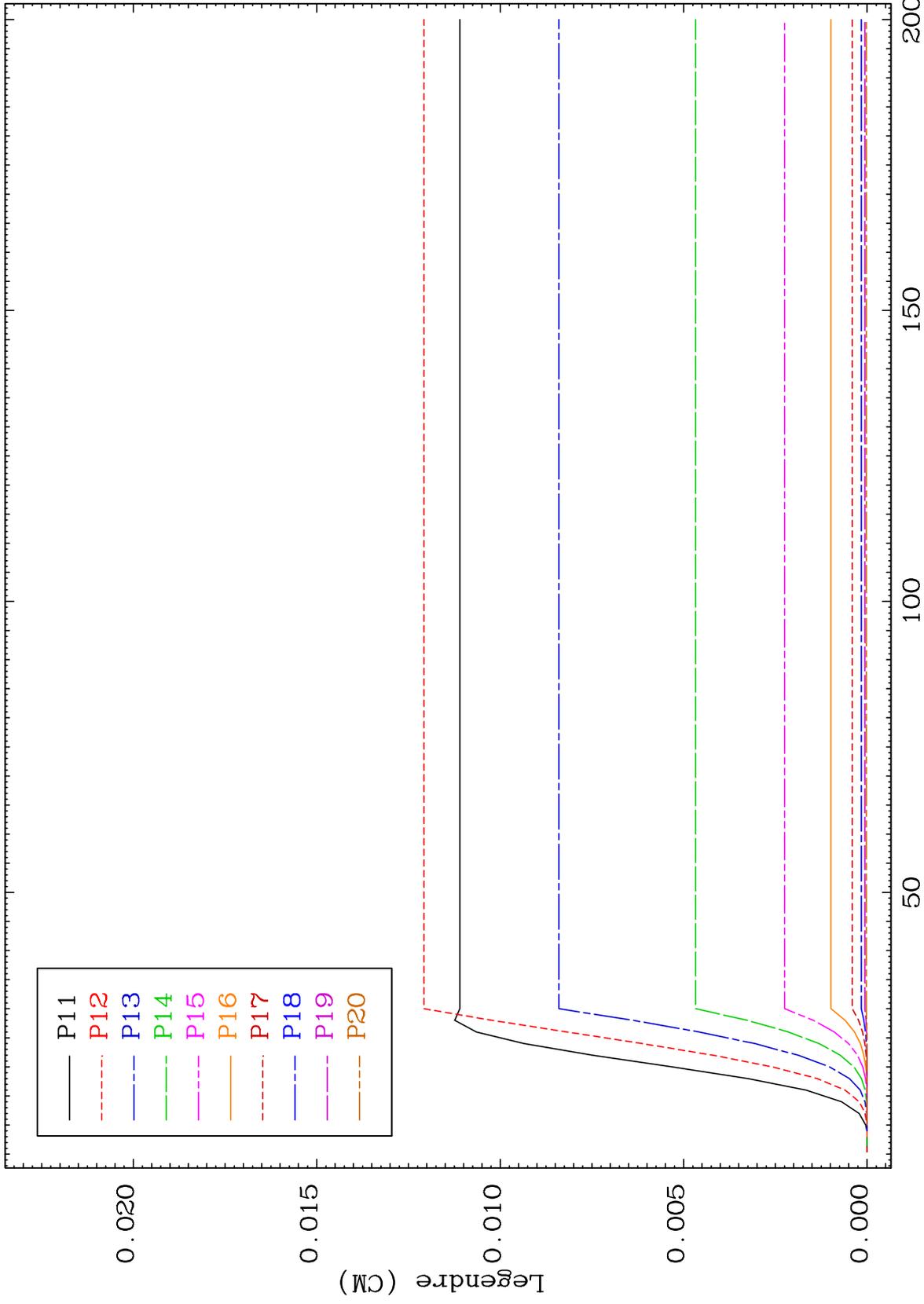


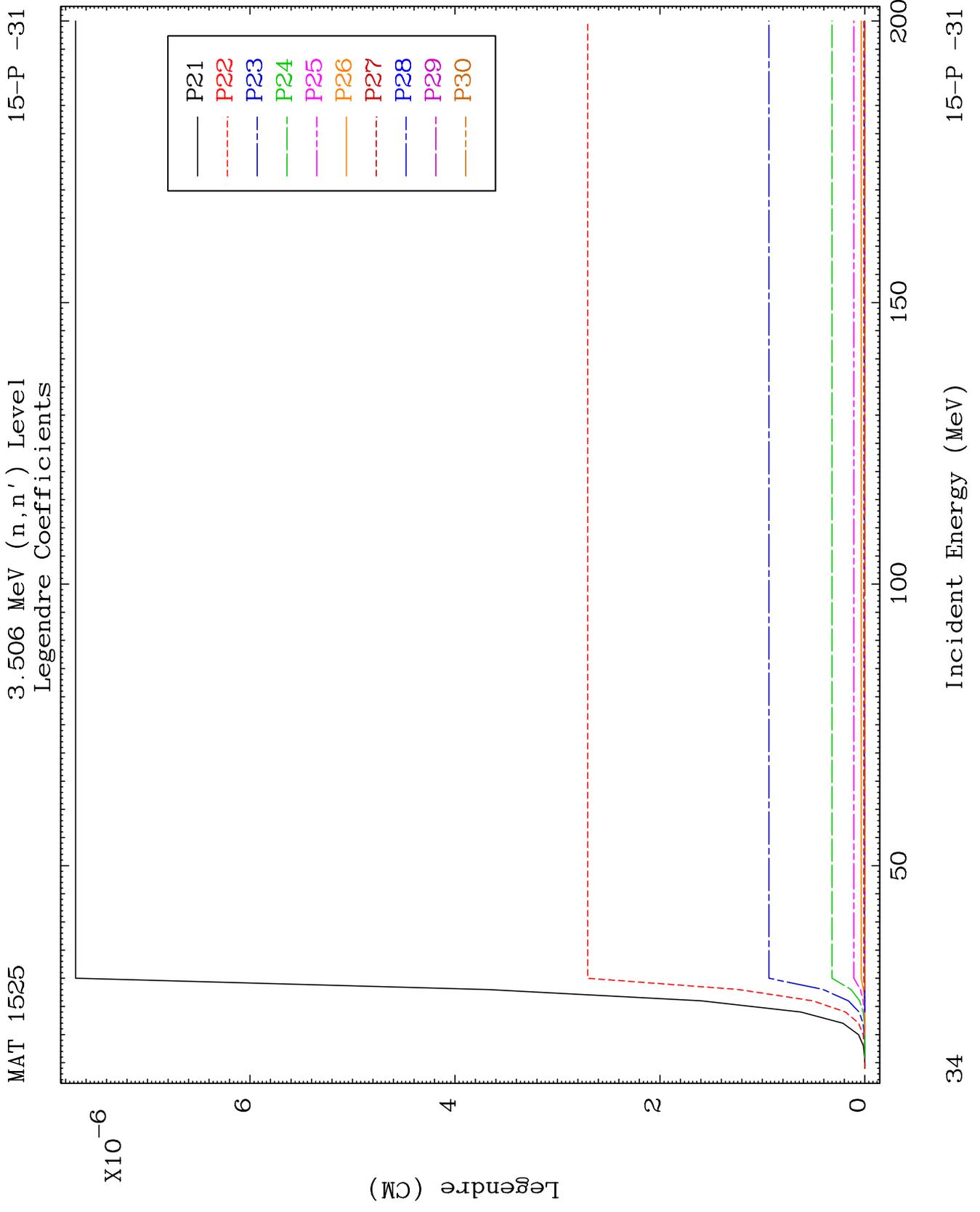


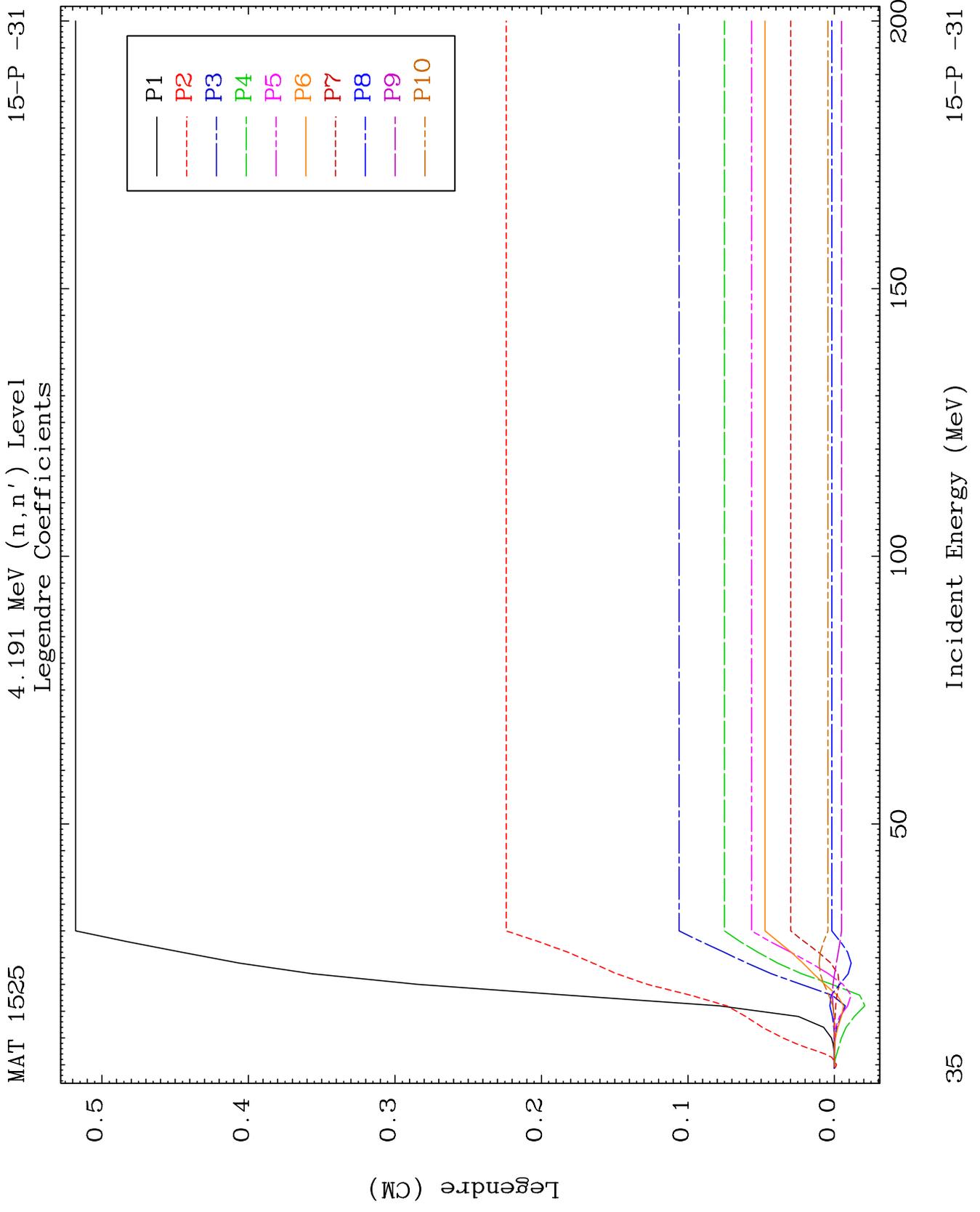


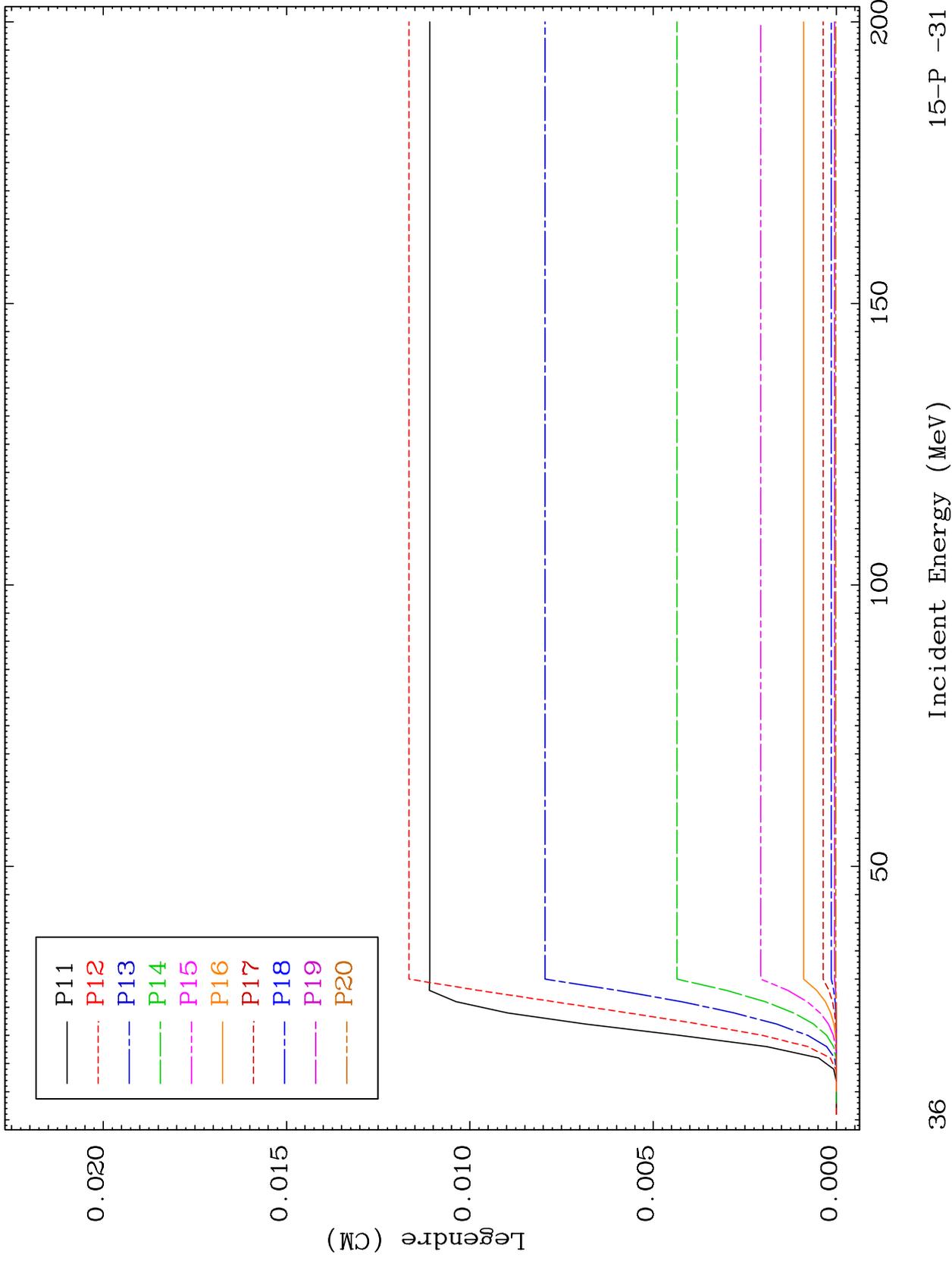








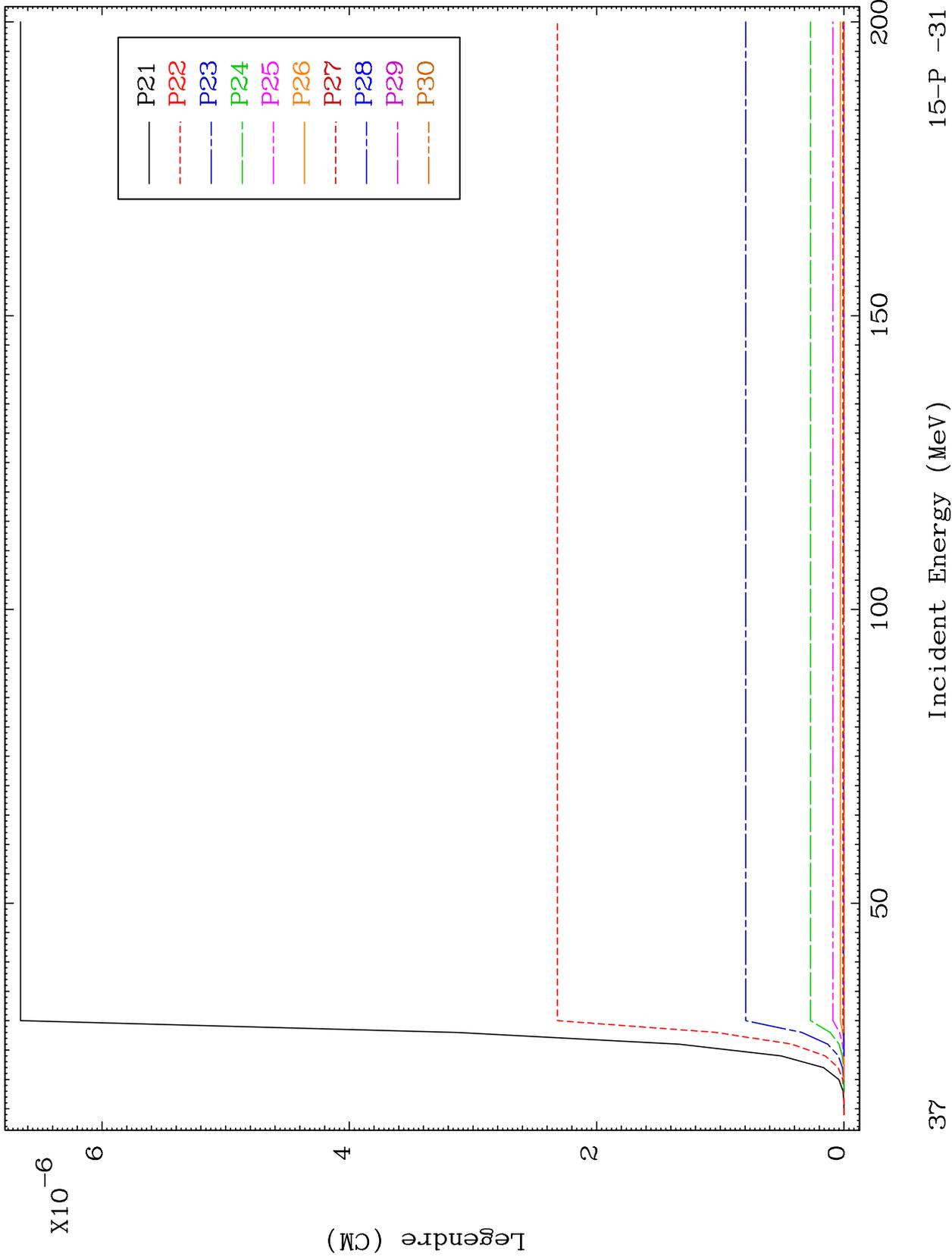


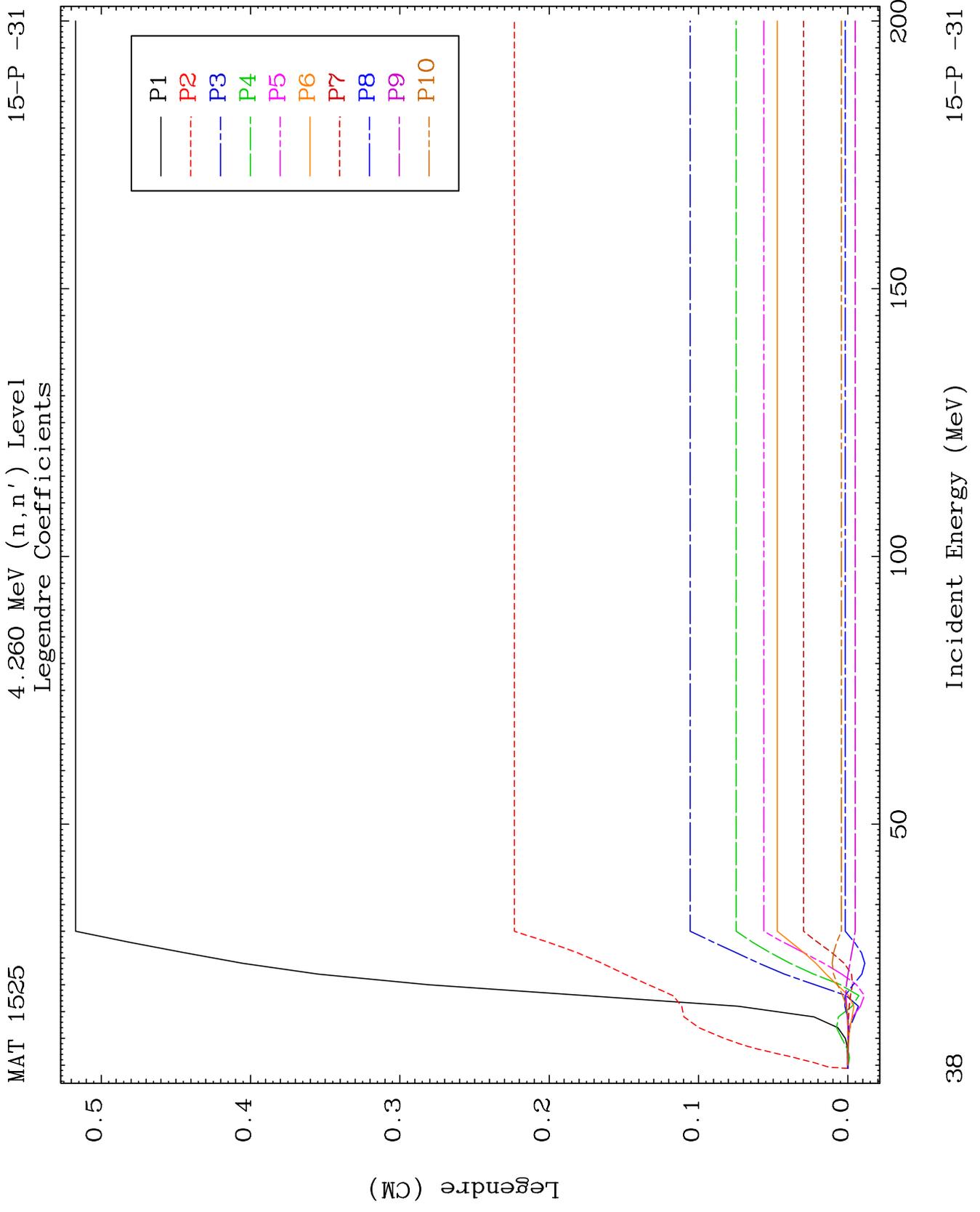


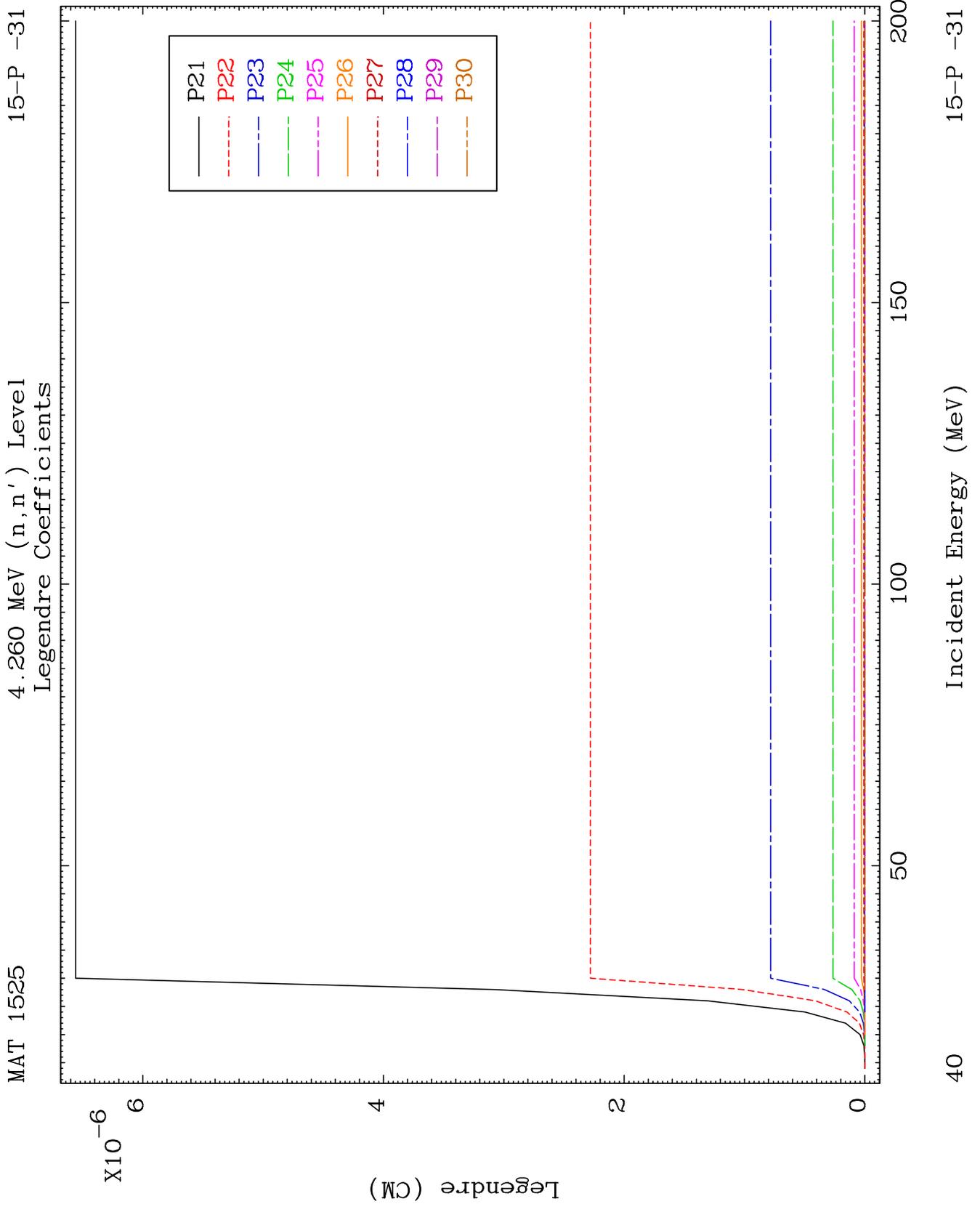
MAT 1525

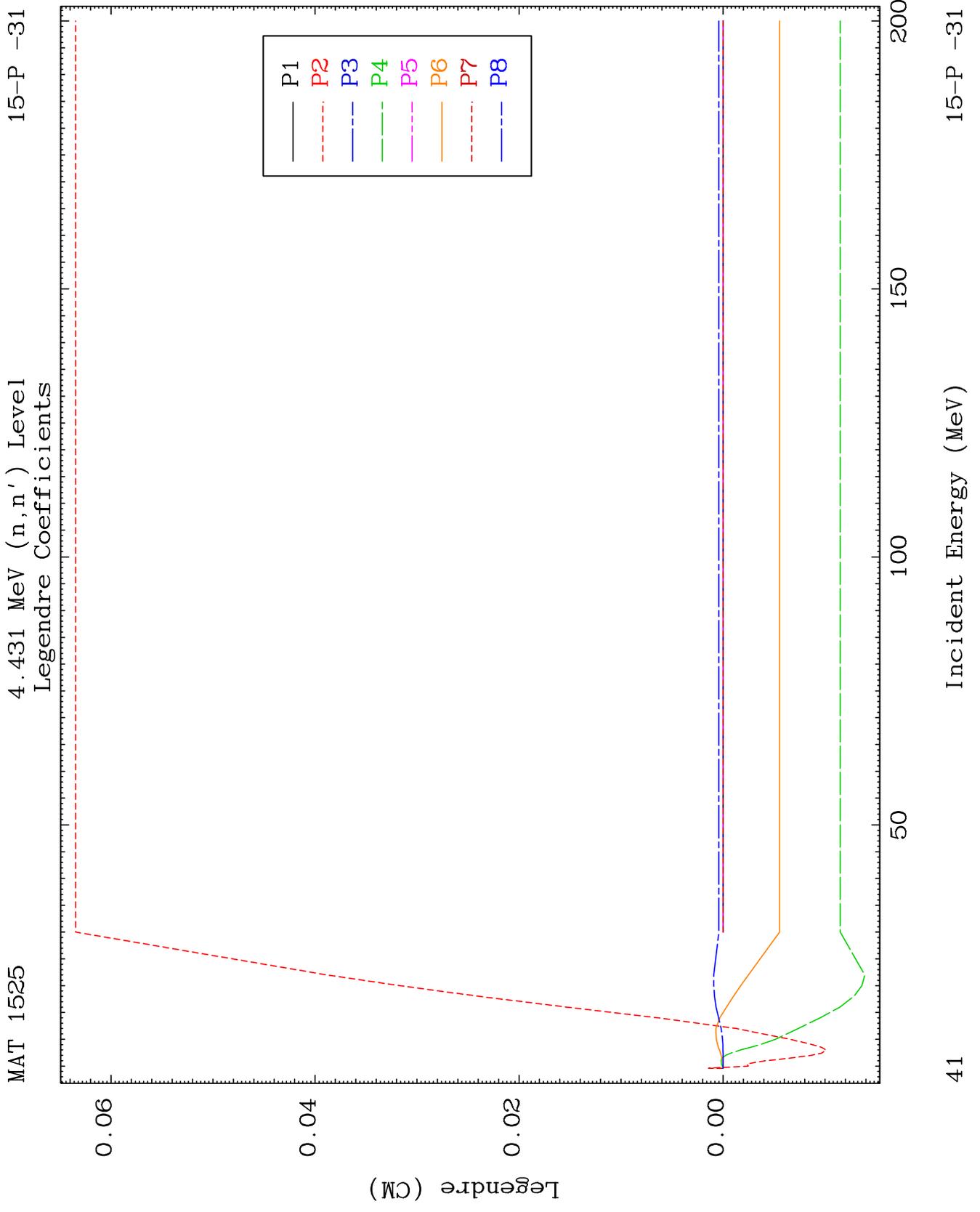
4.191 MeV (n,n') Level
Legendre Coefficients

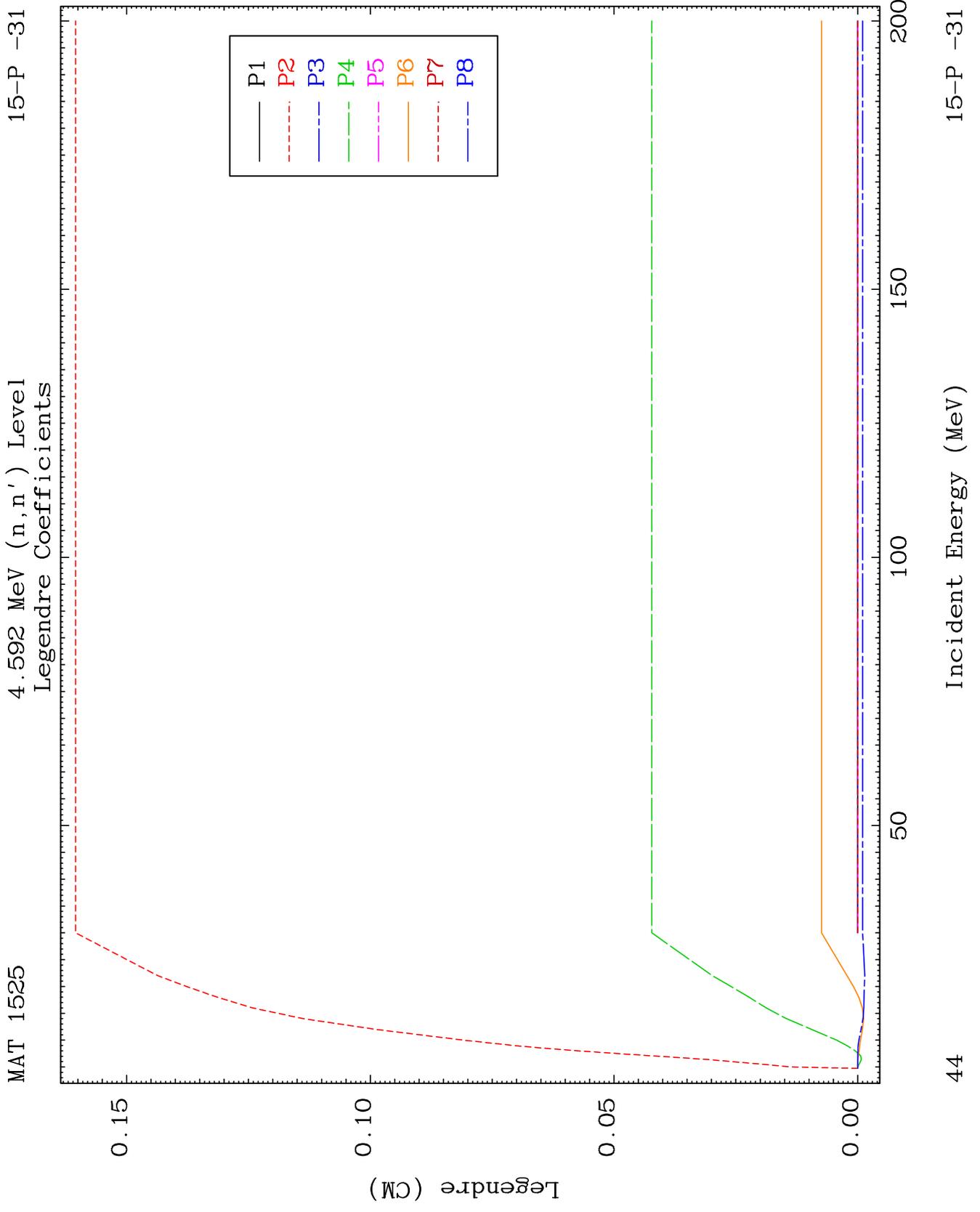
15-P -31

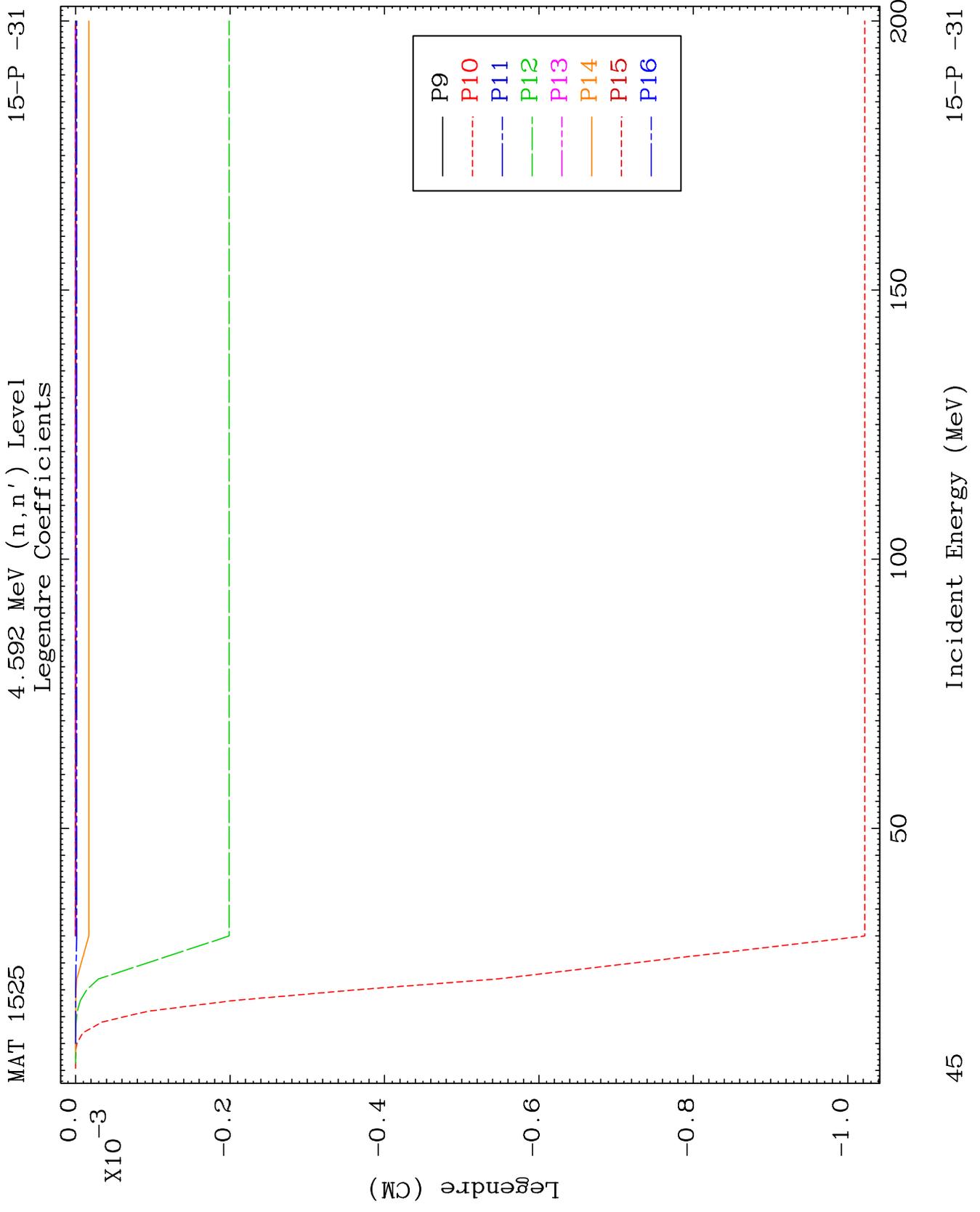


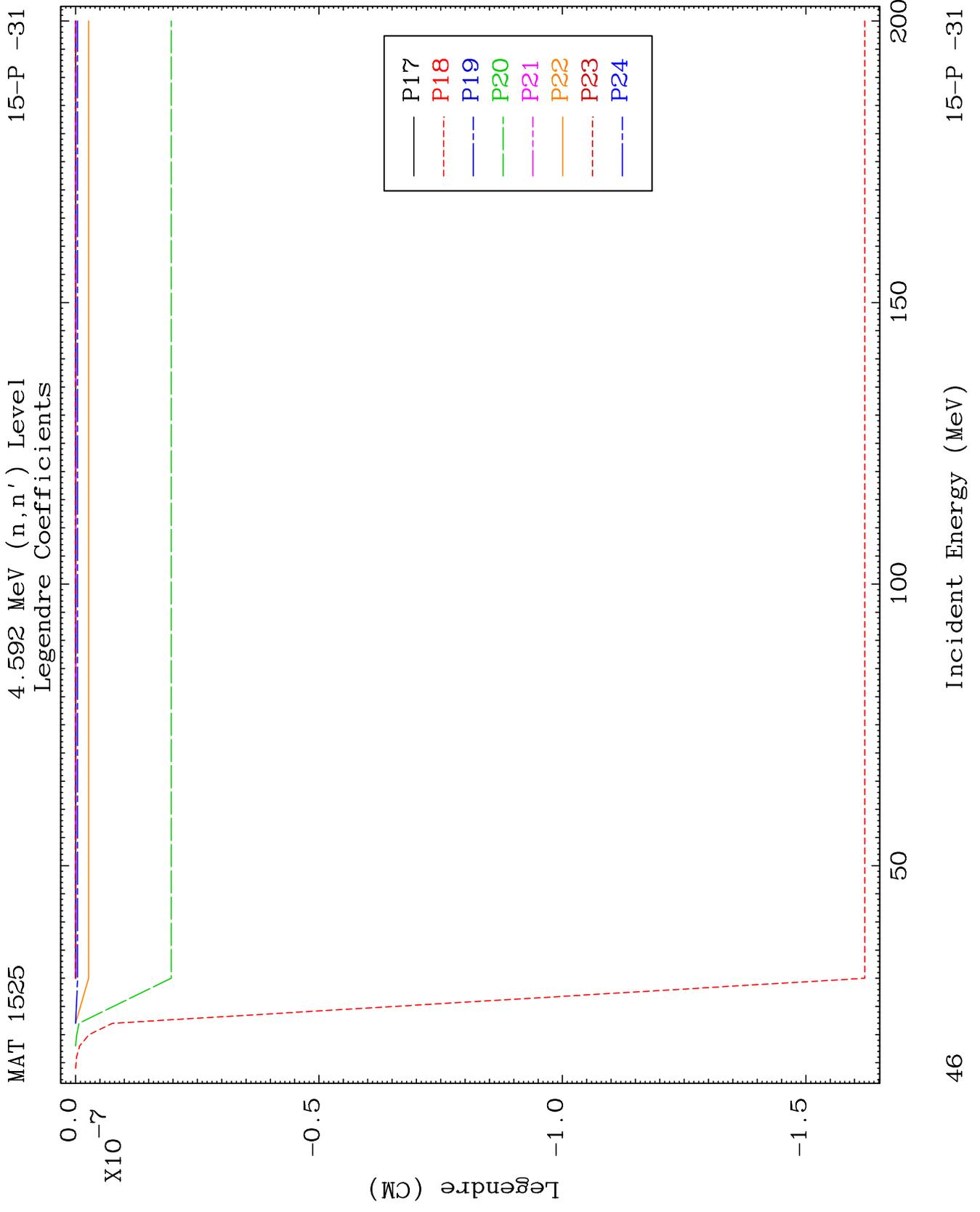








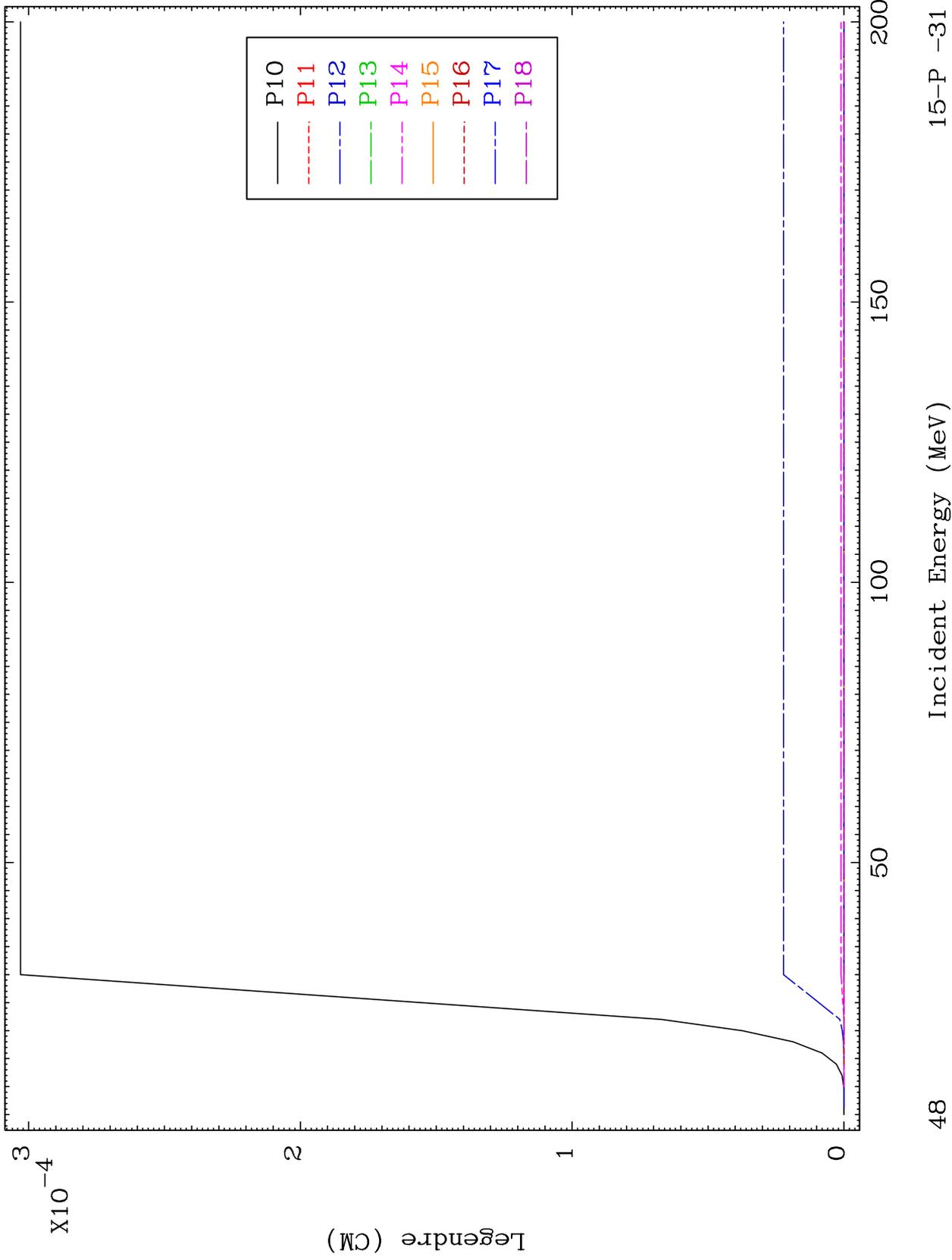




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4.634 MeV (n,n') Level
Legendre Coefficients

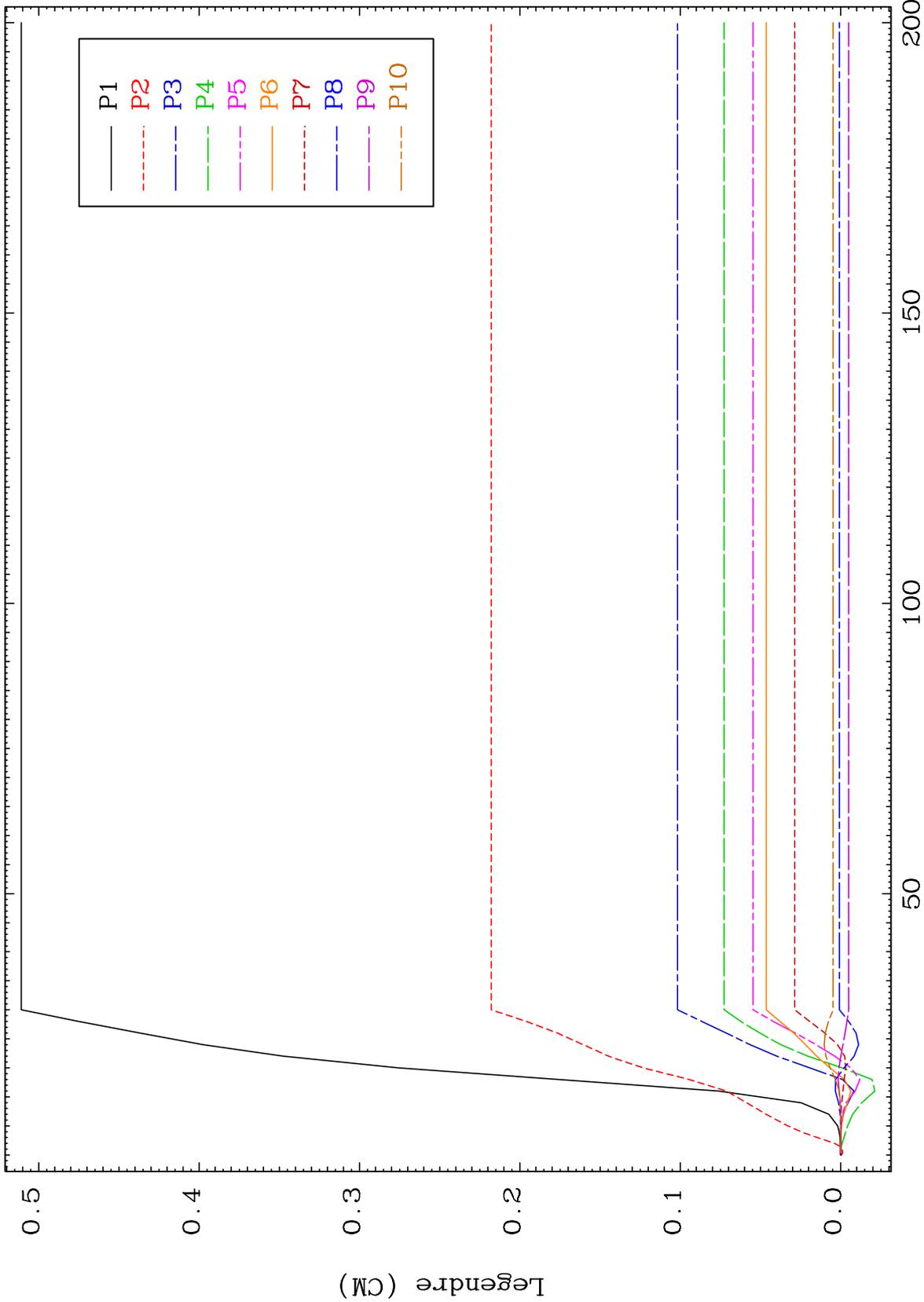
15-P -31



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Incident Energy (MeV)

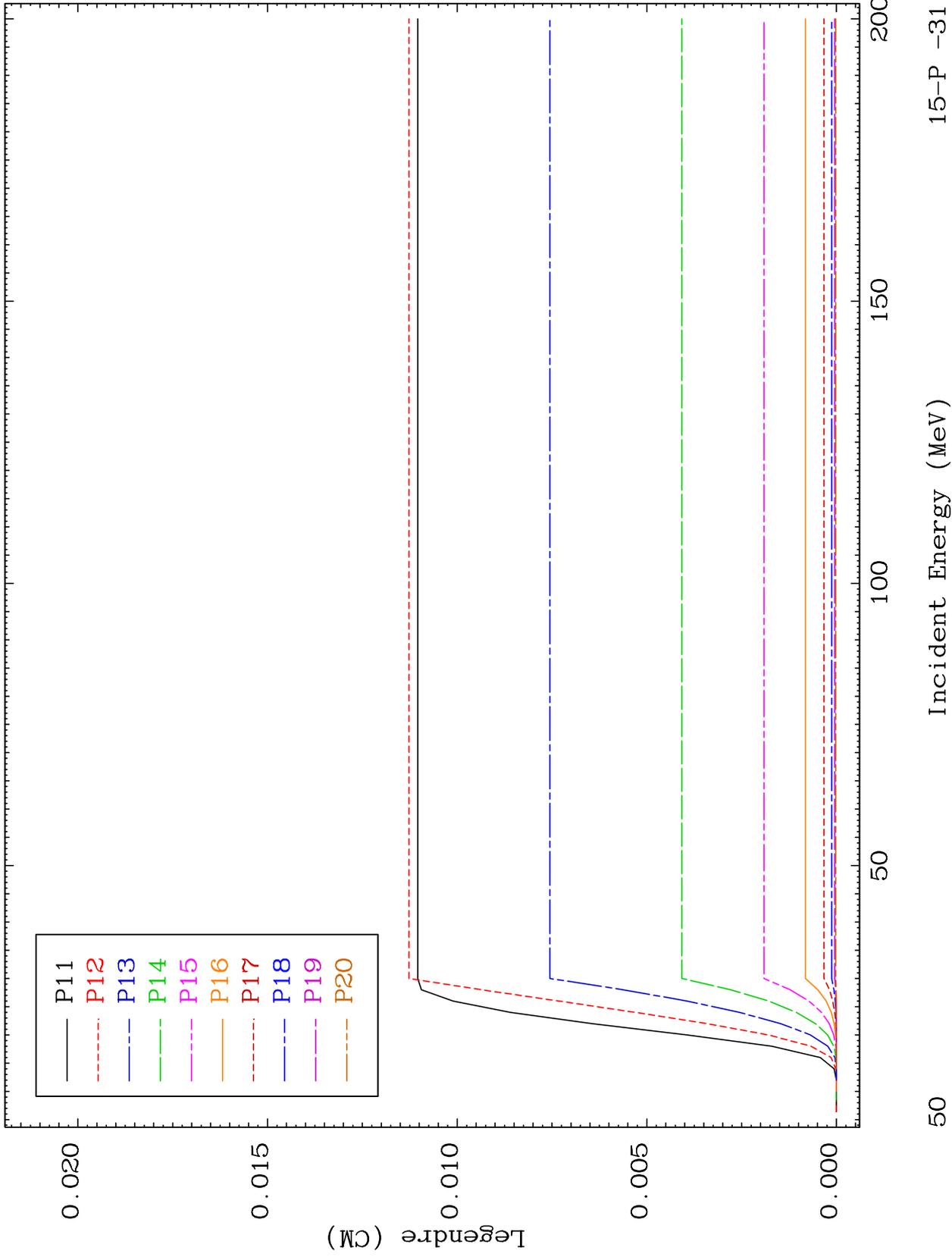
15-P -31



MAT 1525

4.783 MeV (n, n') Level
Legendre Coefficients

15-P -31



50

50

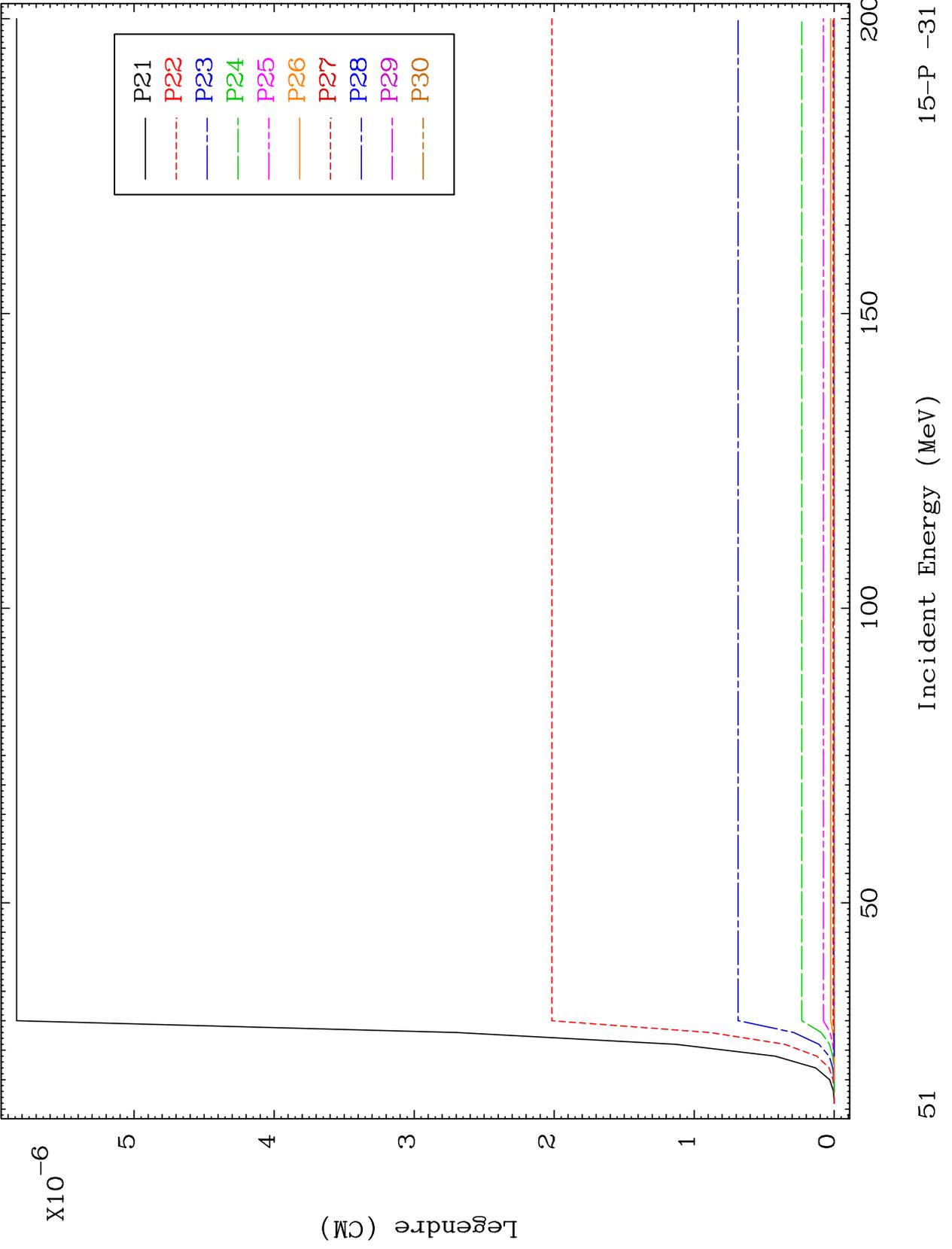
100

150

200

Incident Energy (MeV)

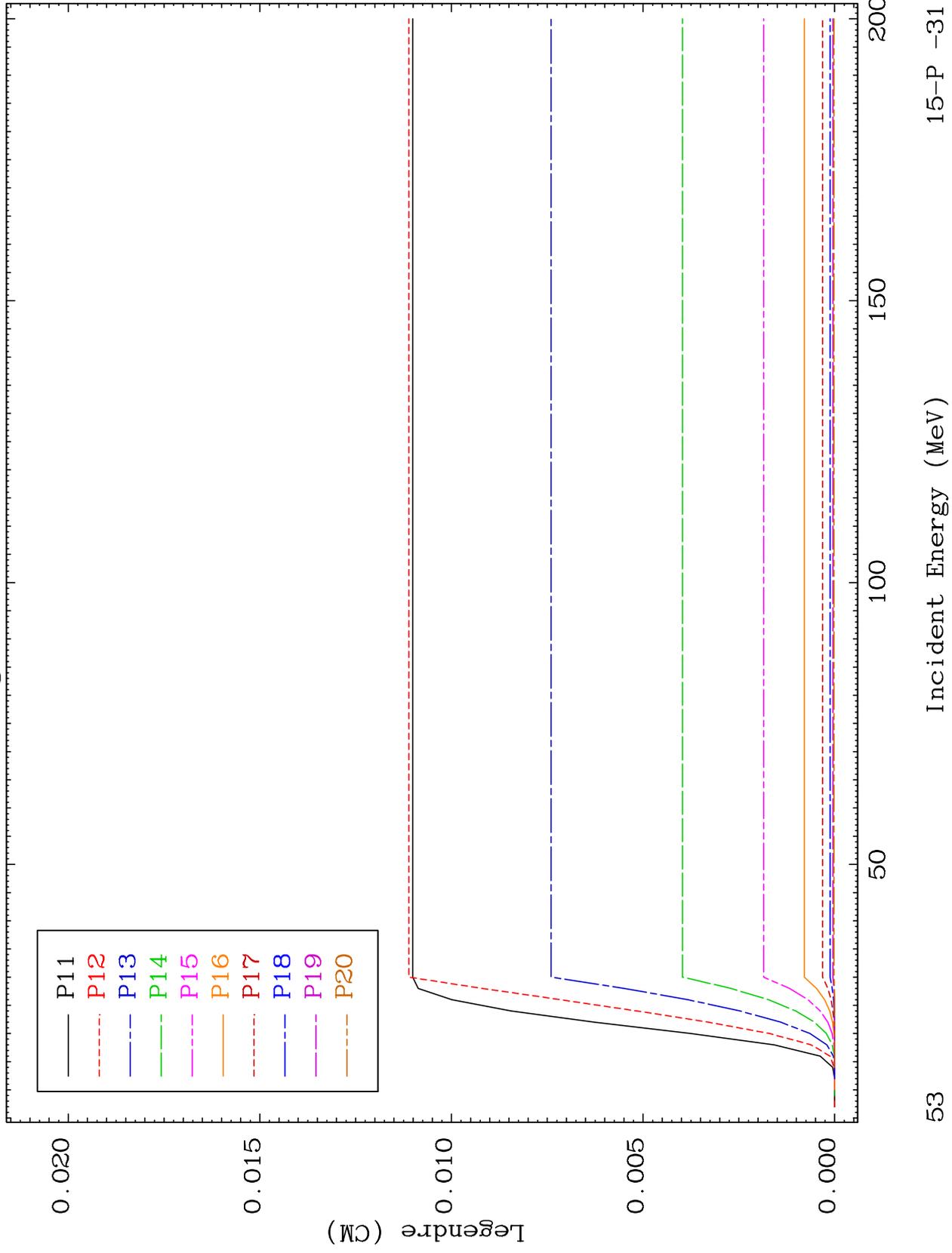
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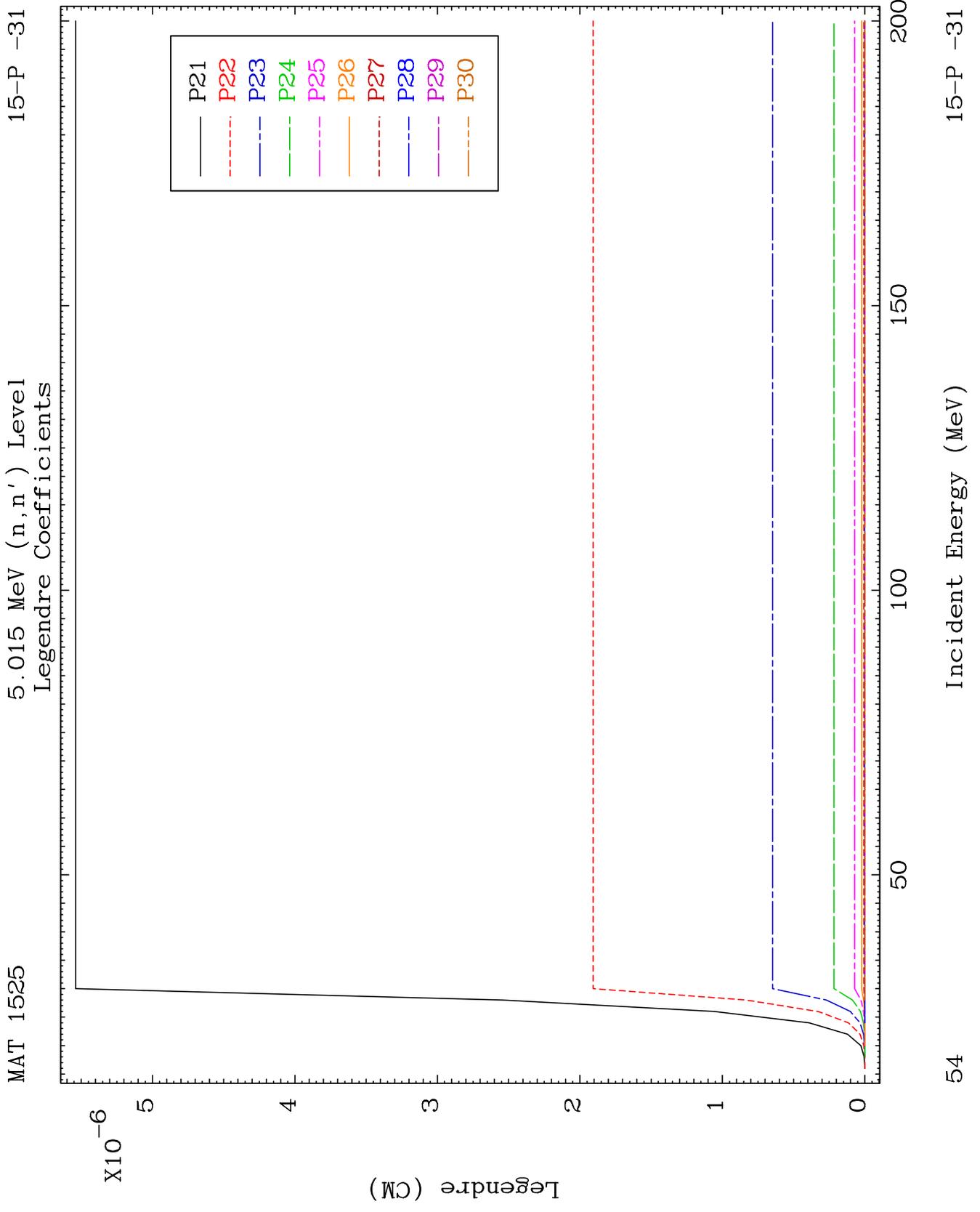
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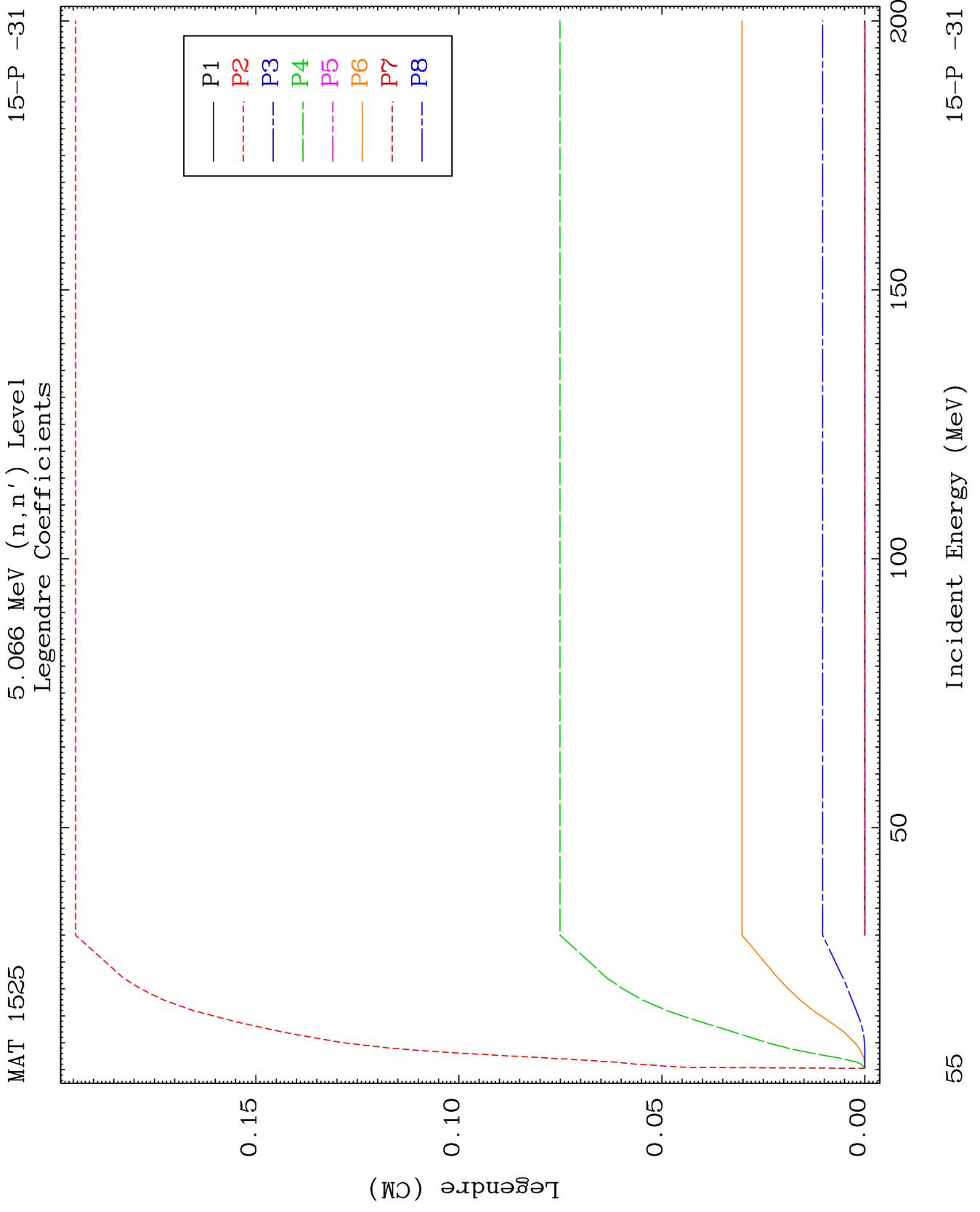
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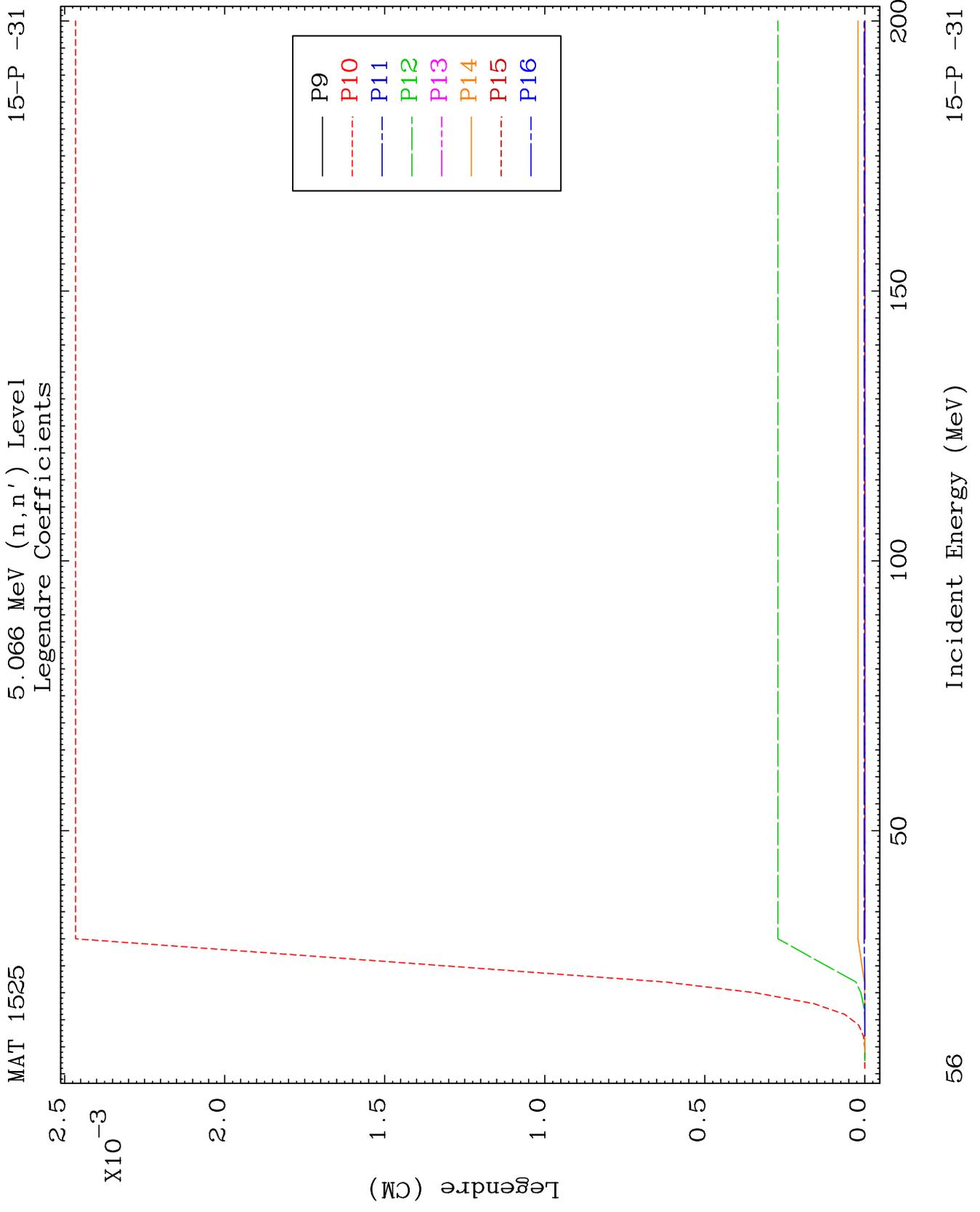


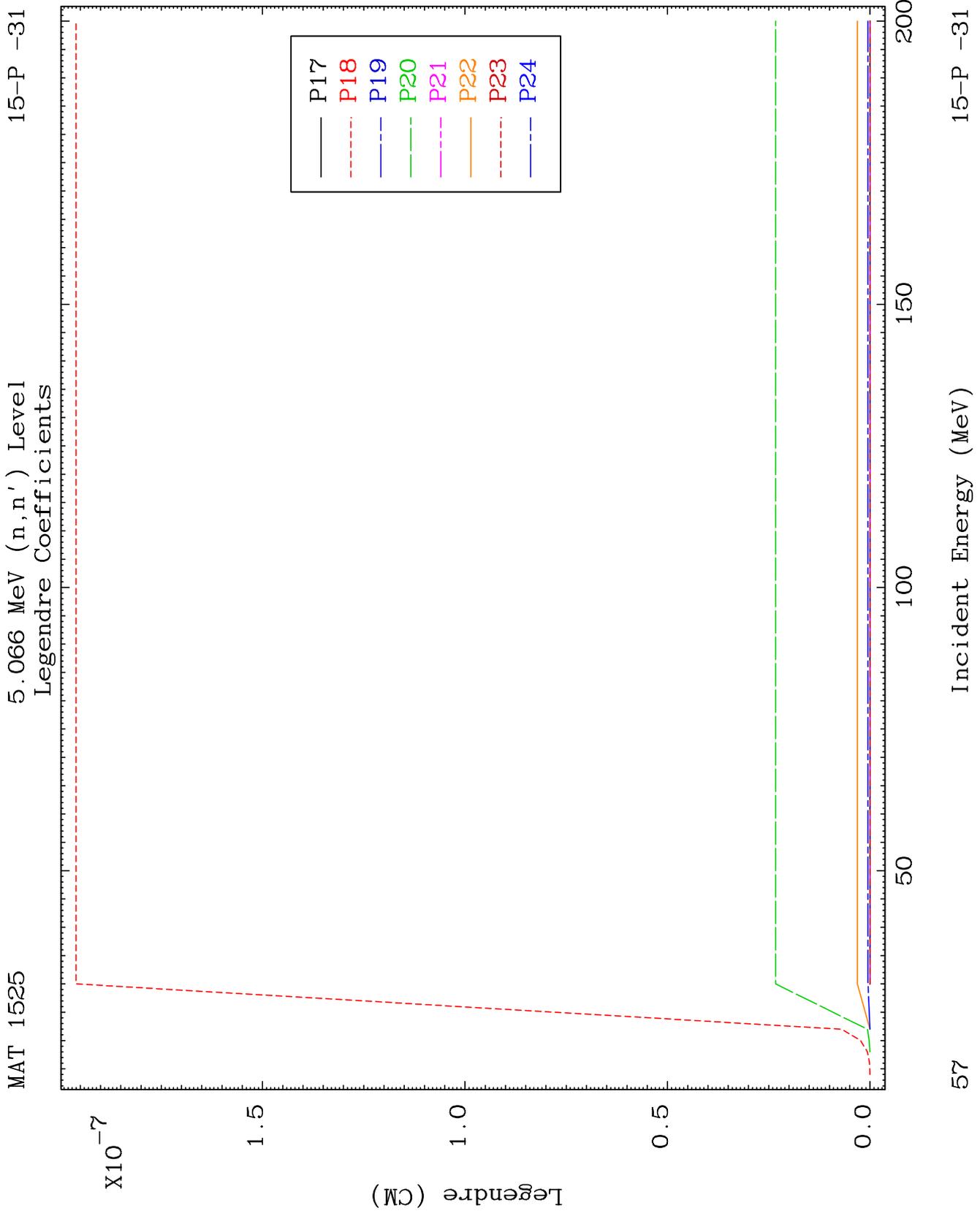
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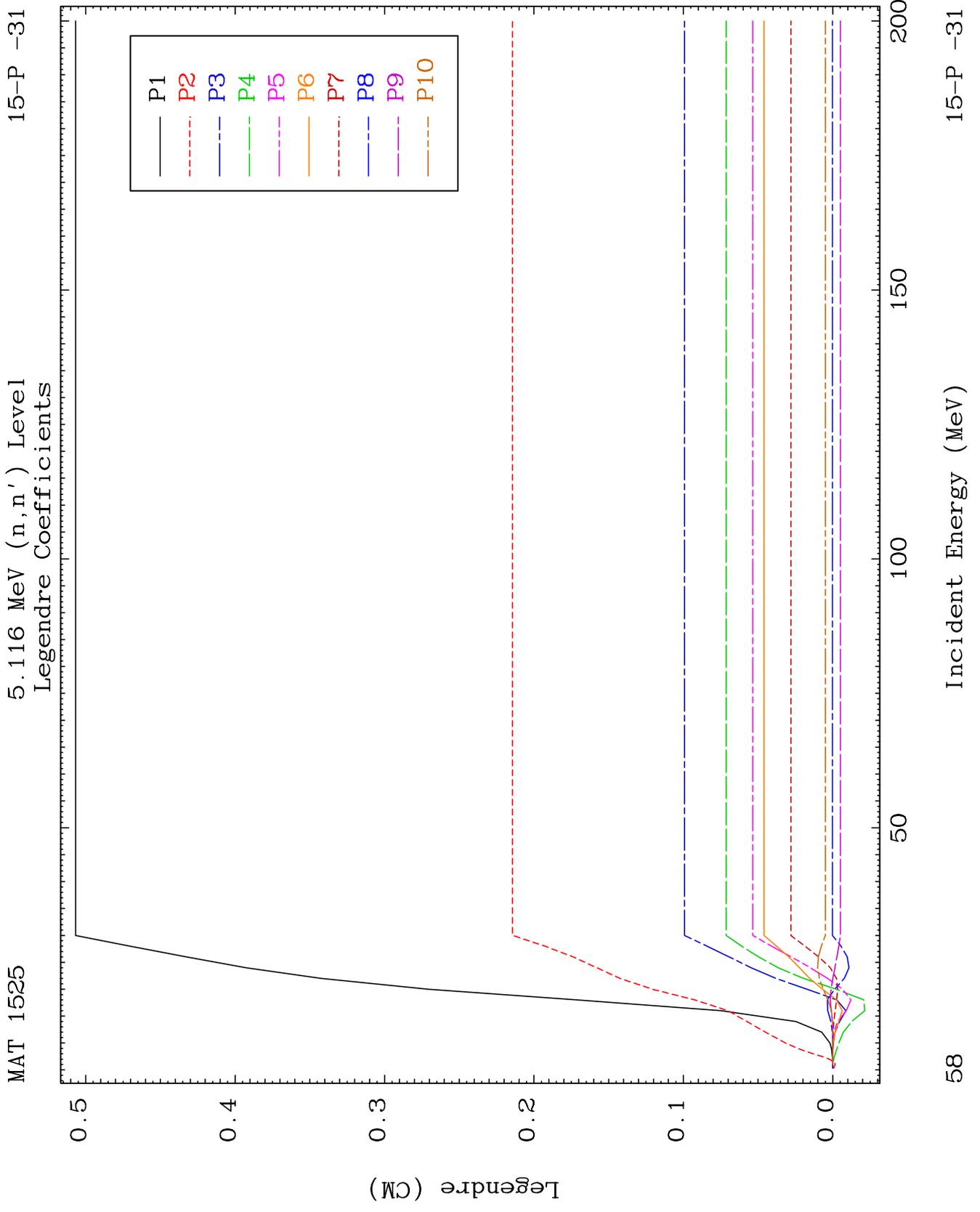
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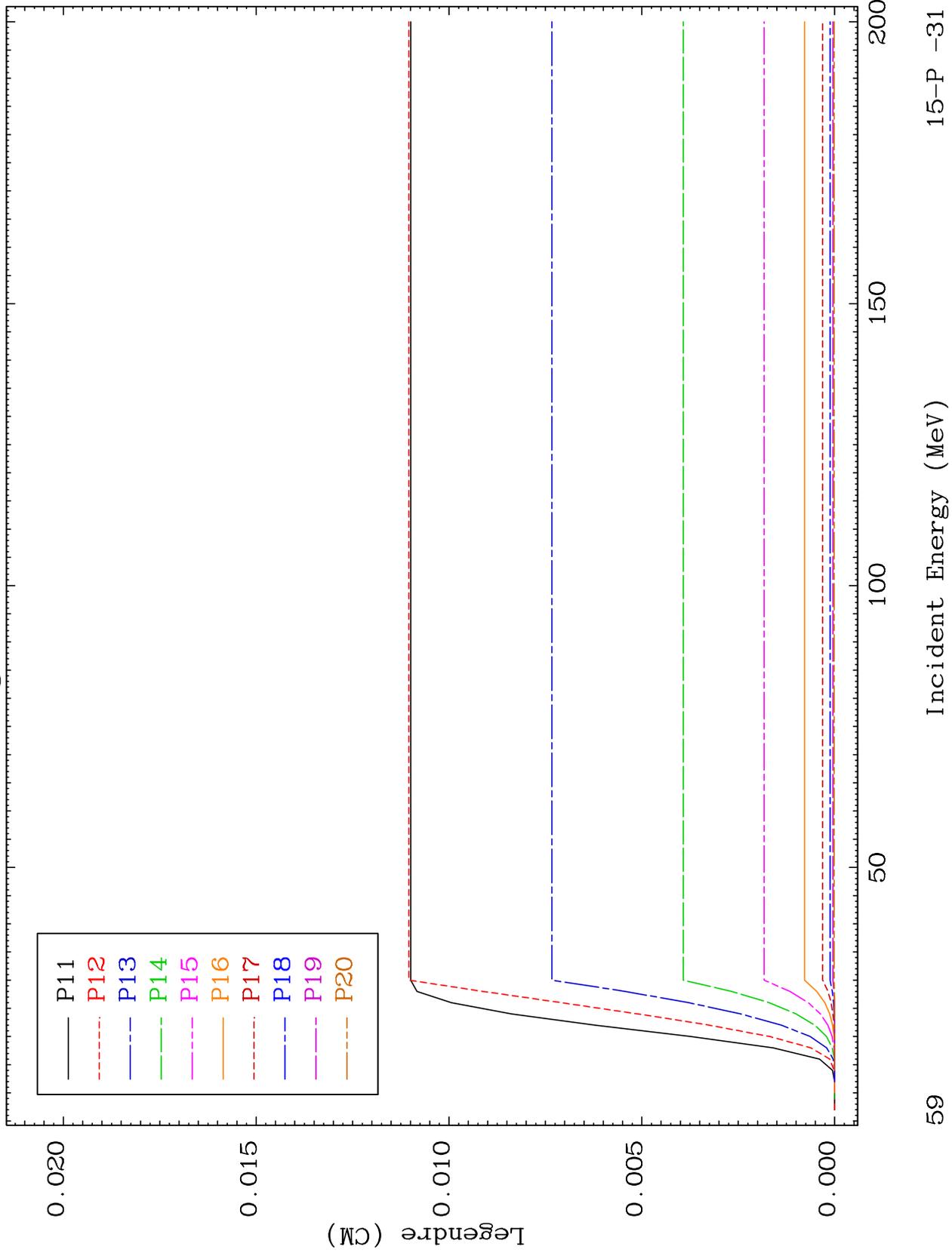




MAT 1525

5.116 MeV (n,n') Level
Legendre Coefficients

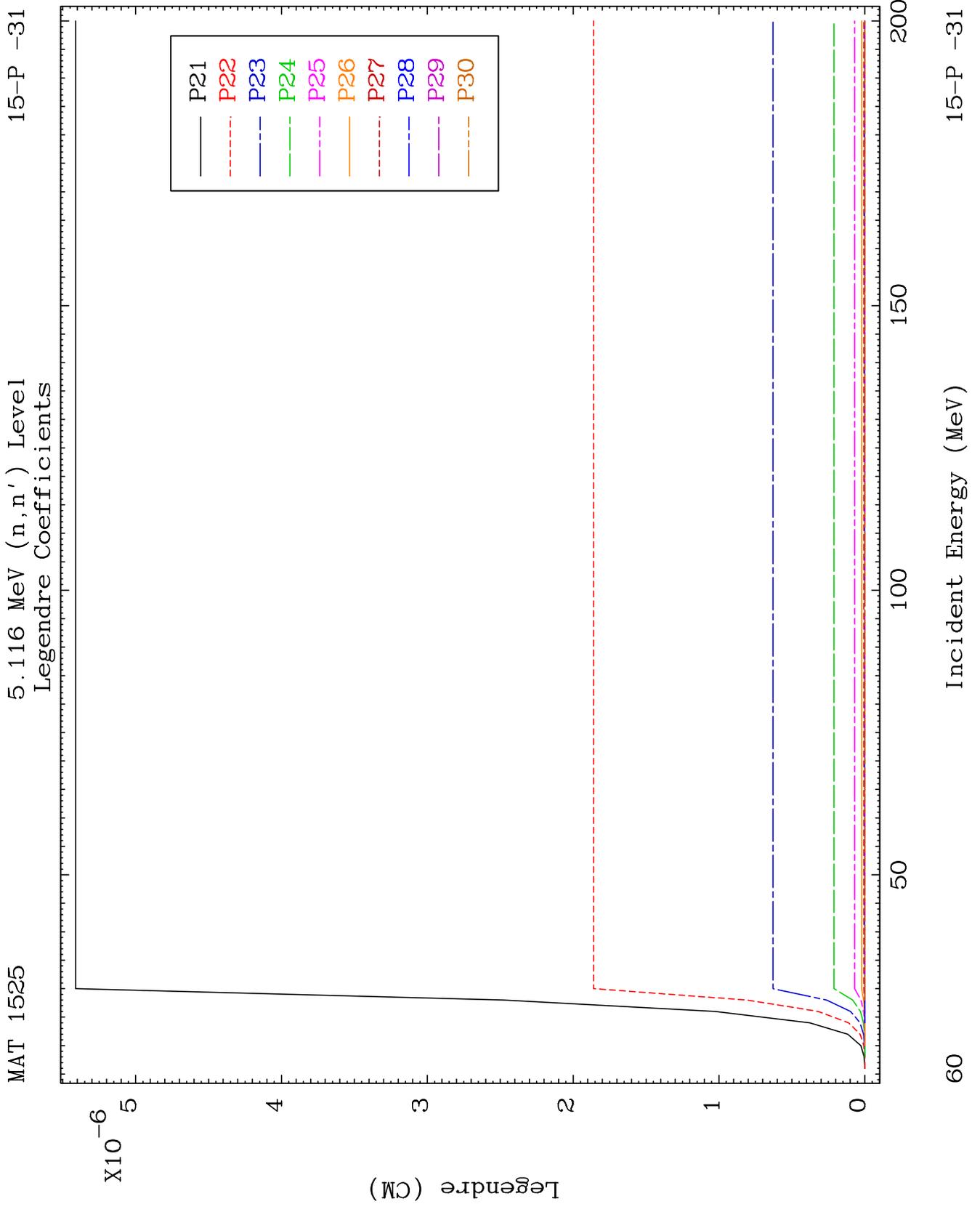
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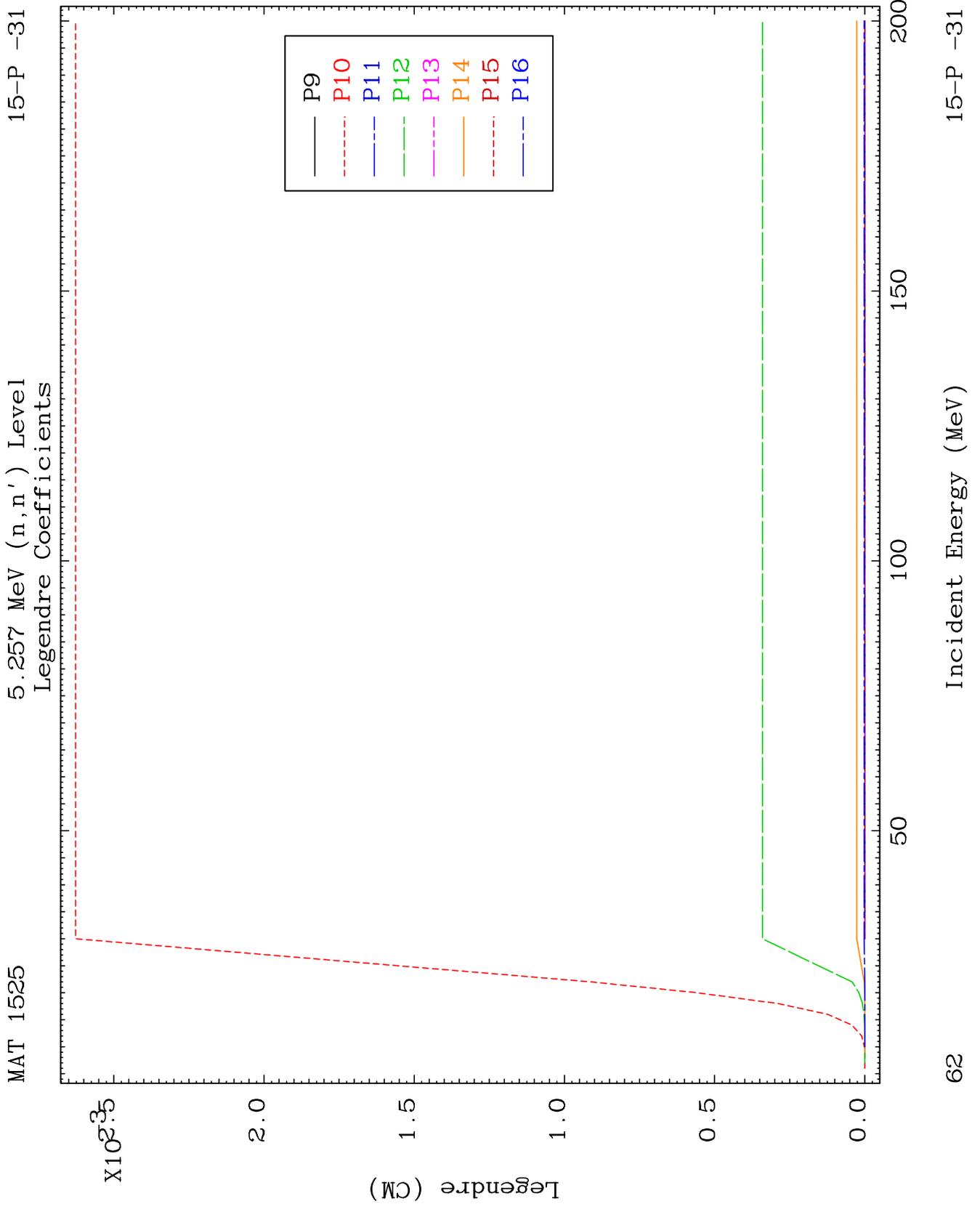


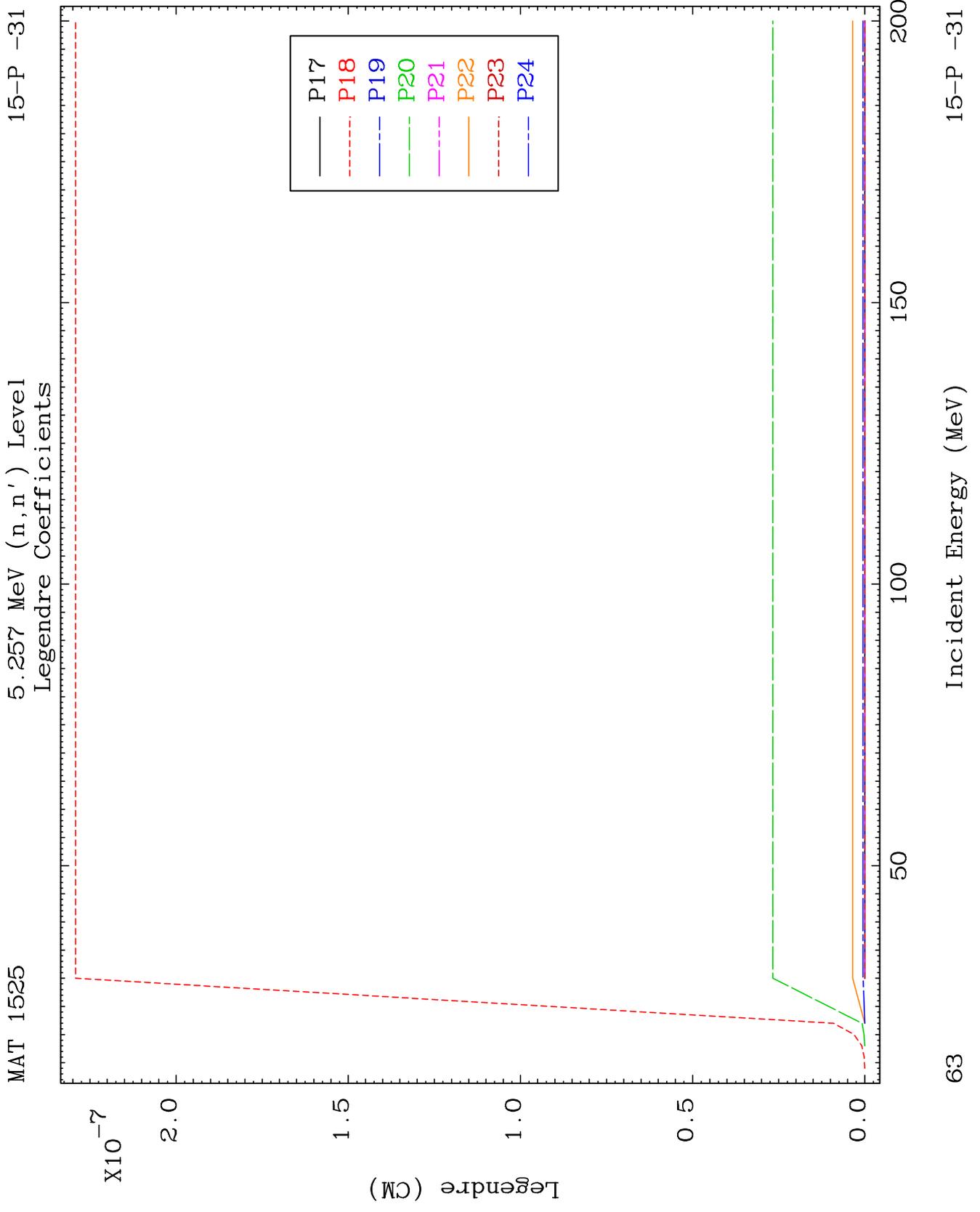
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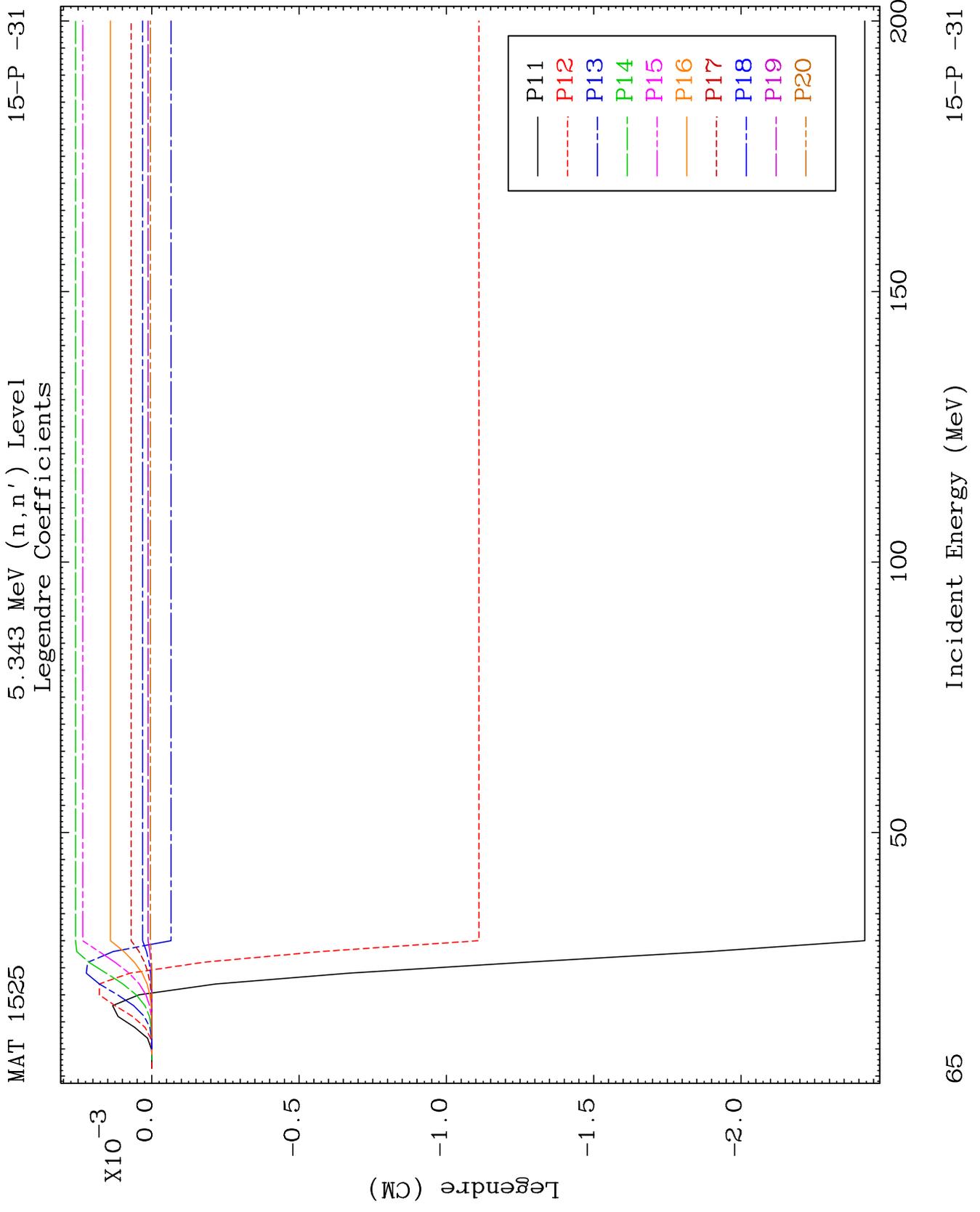
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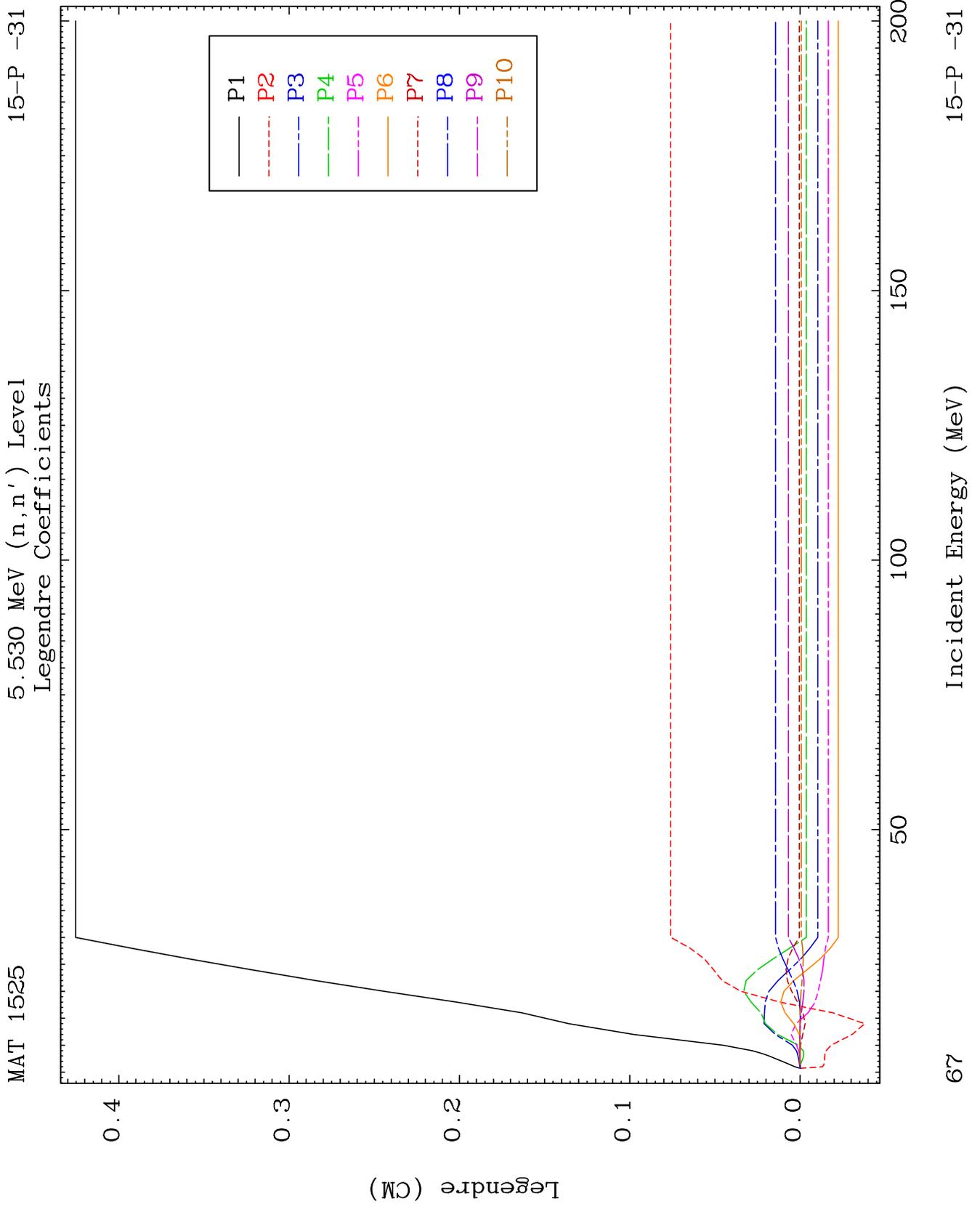
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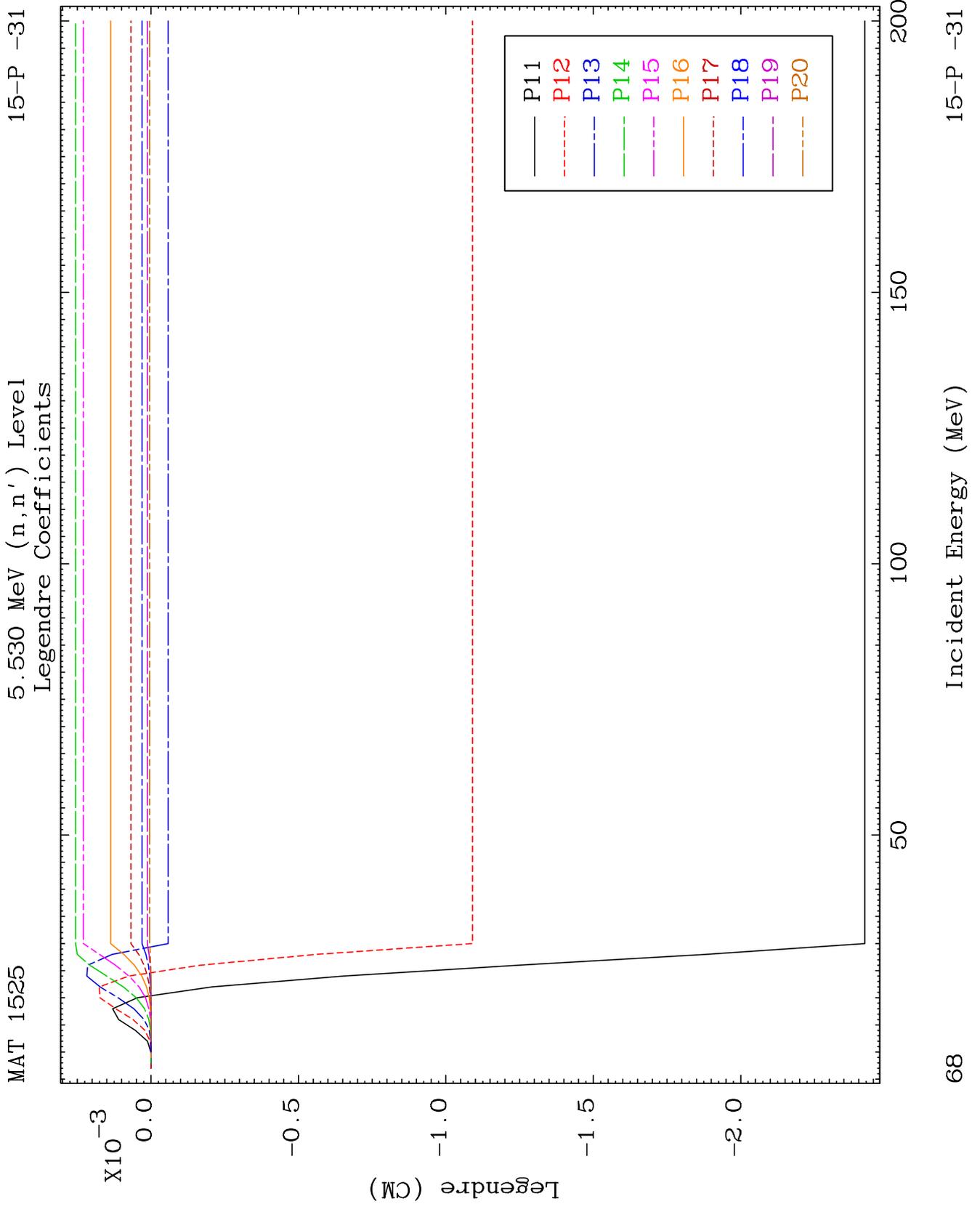


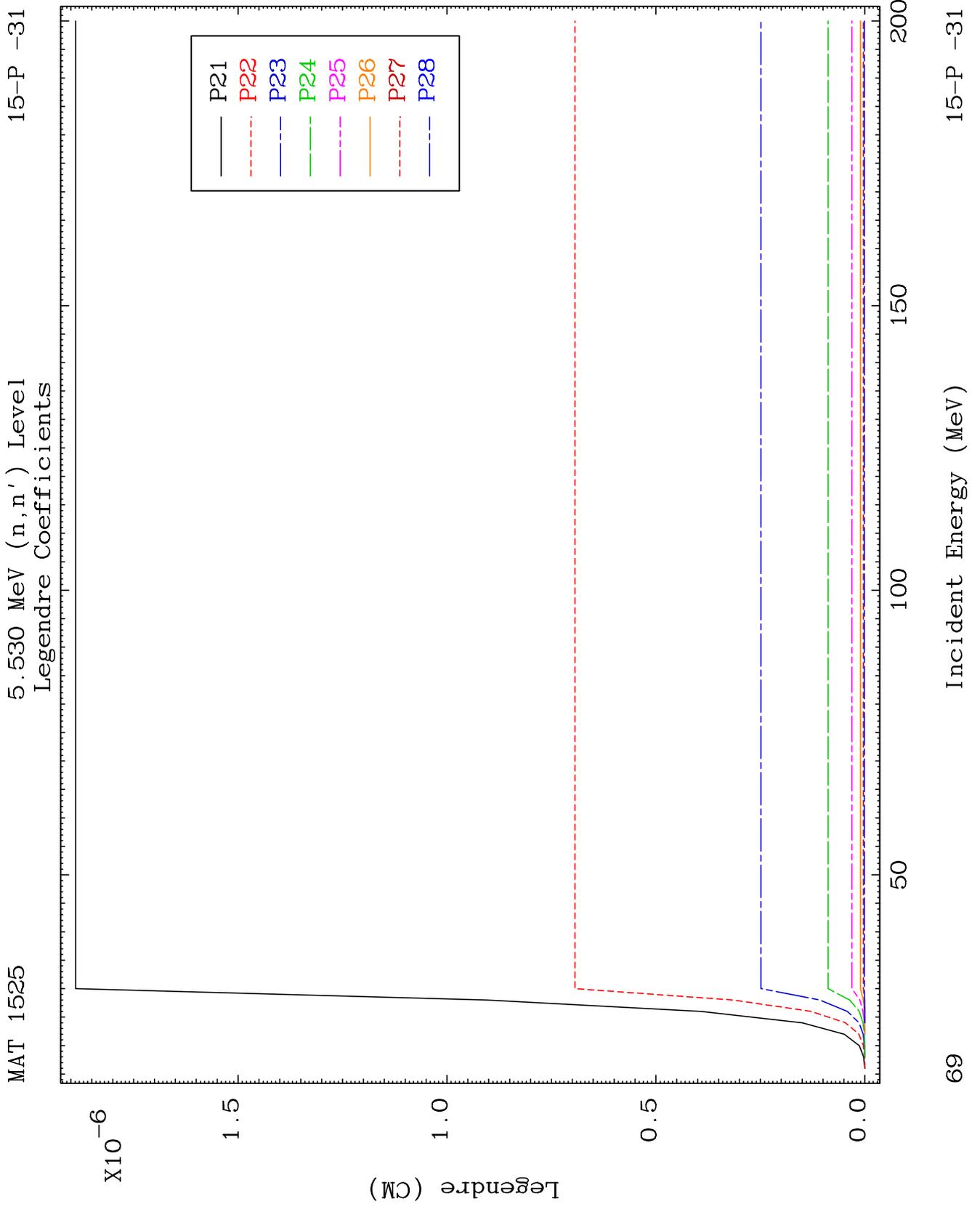


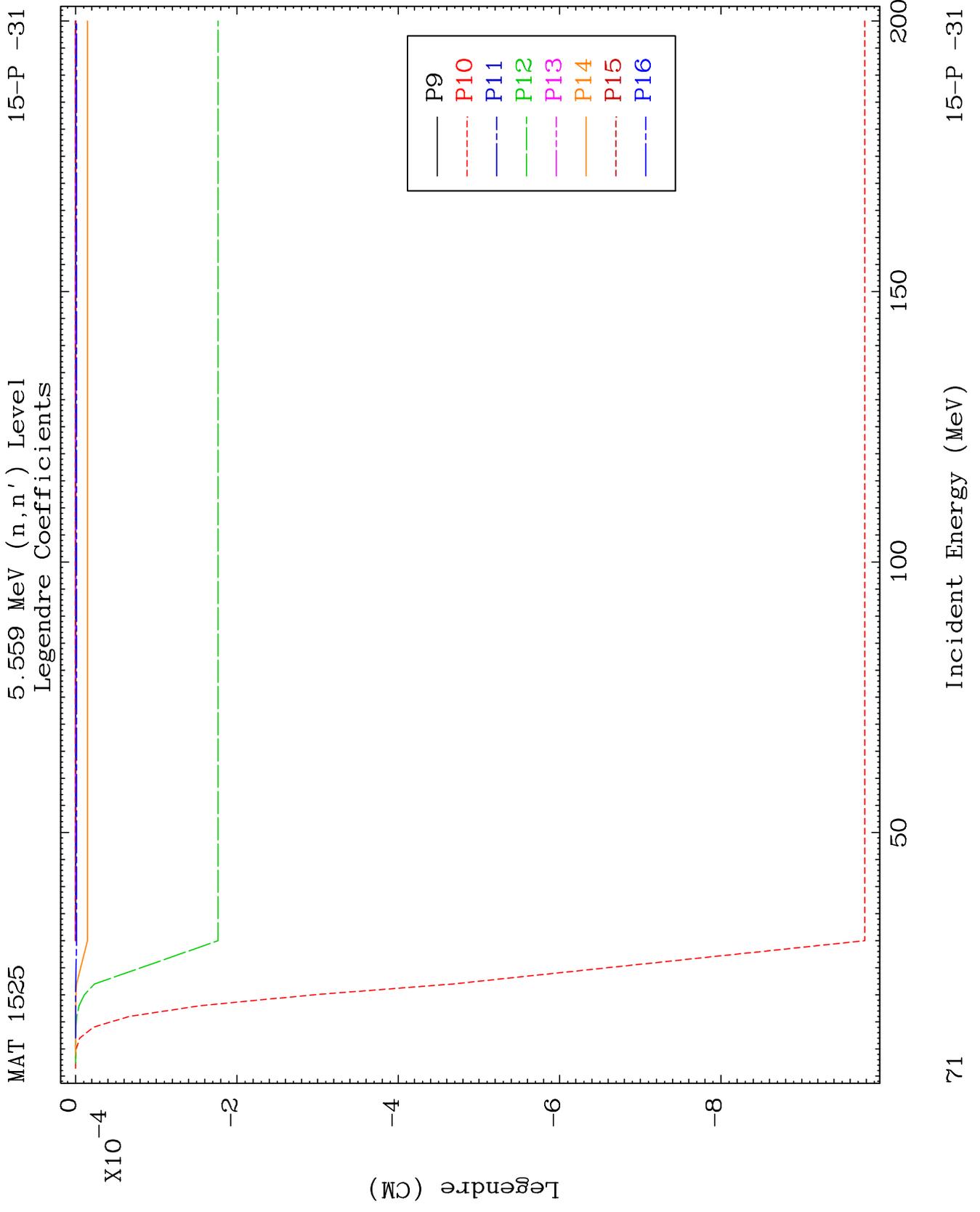


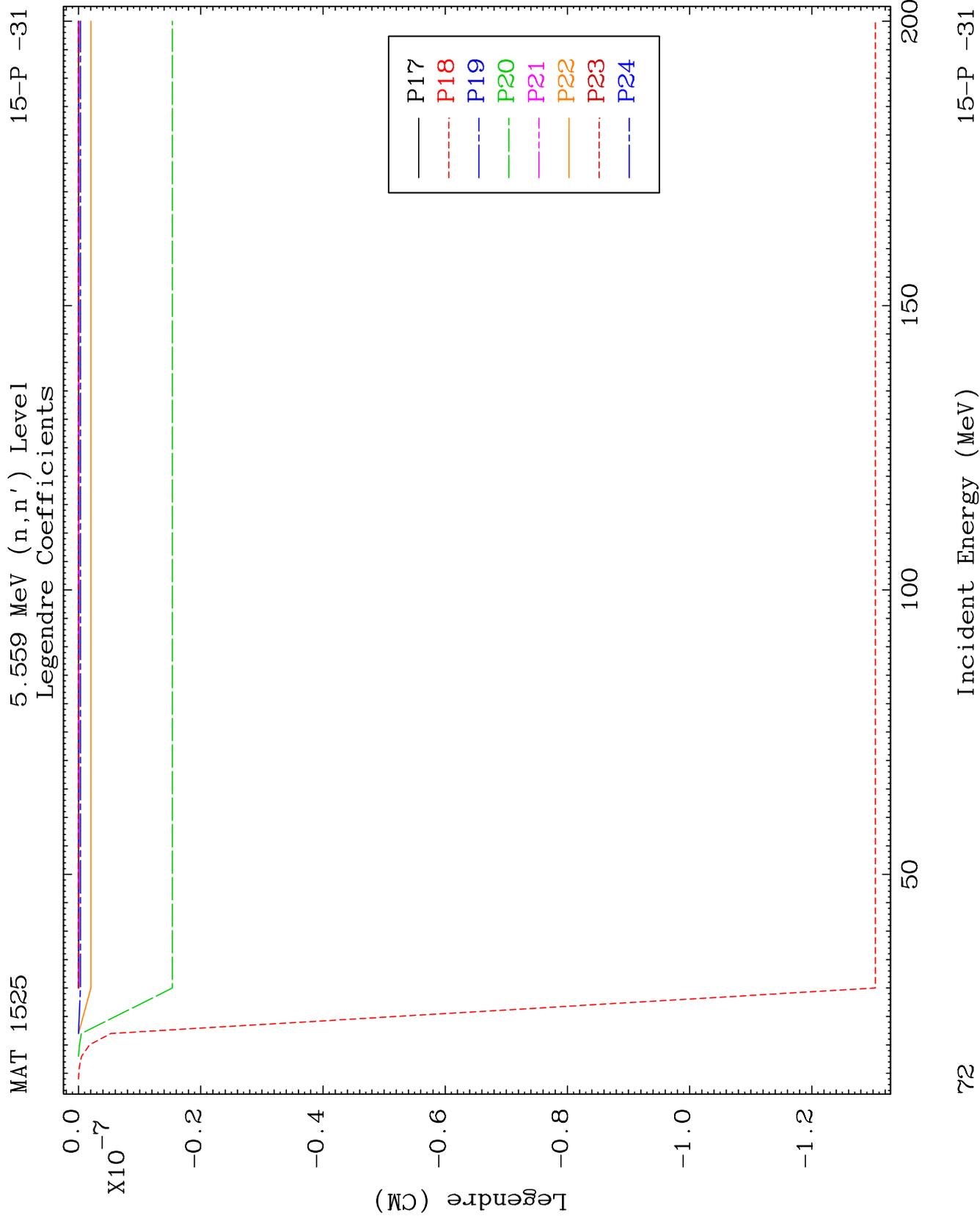


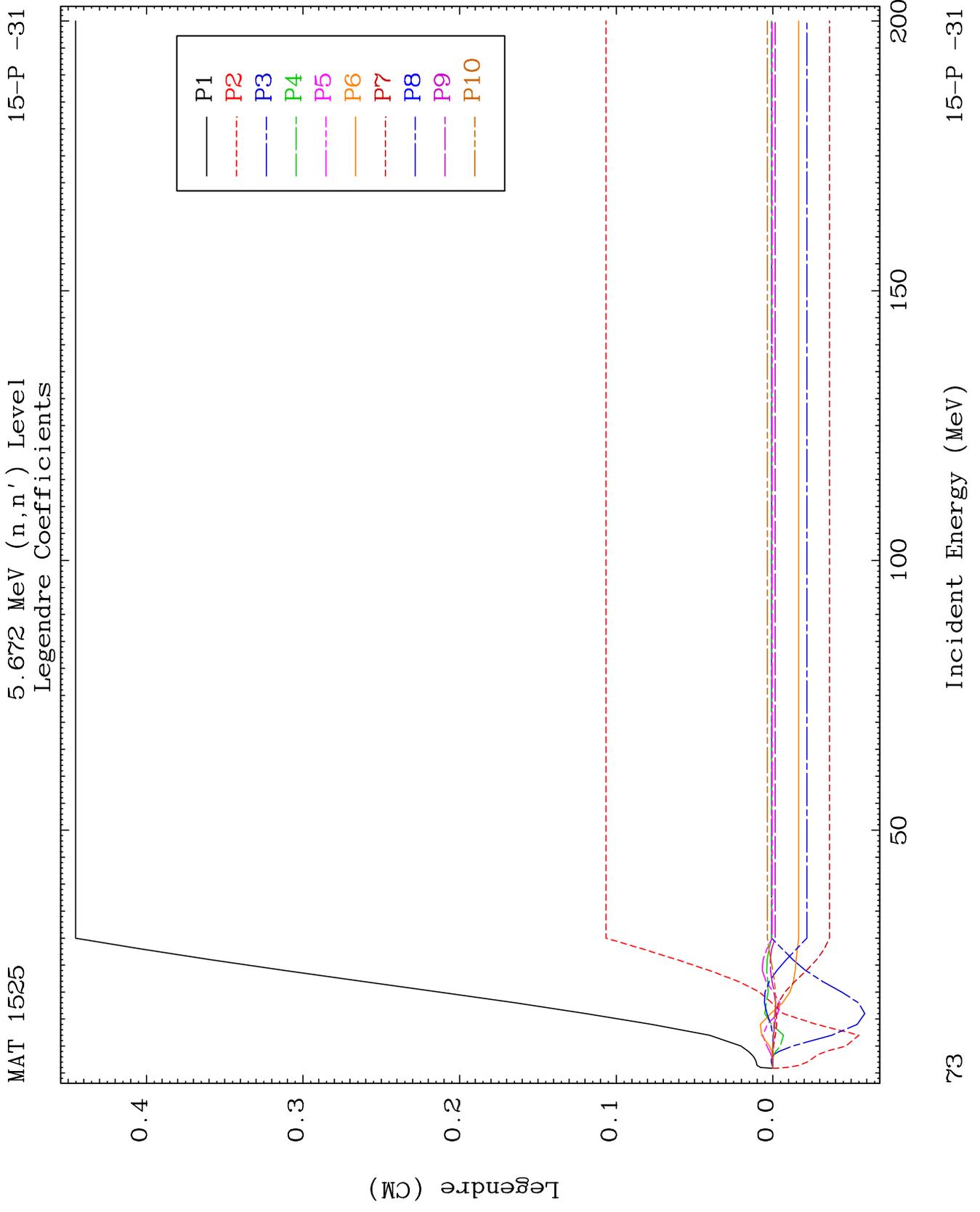








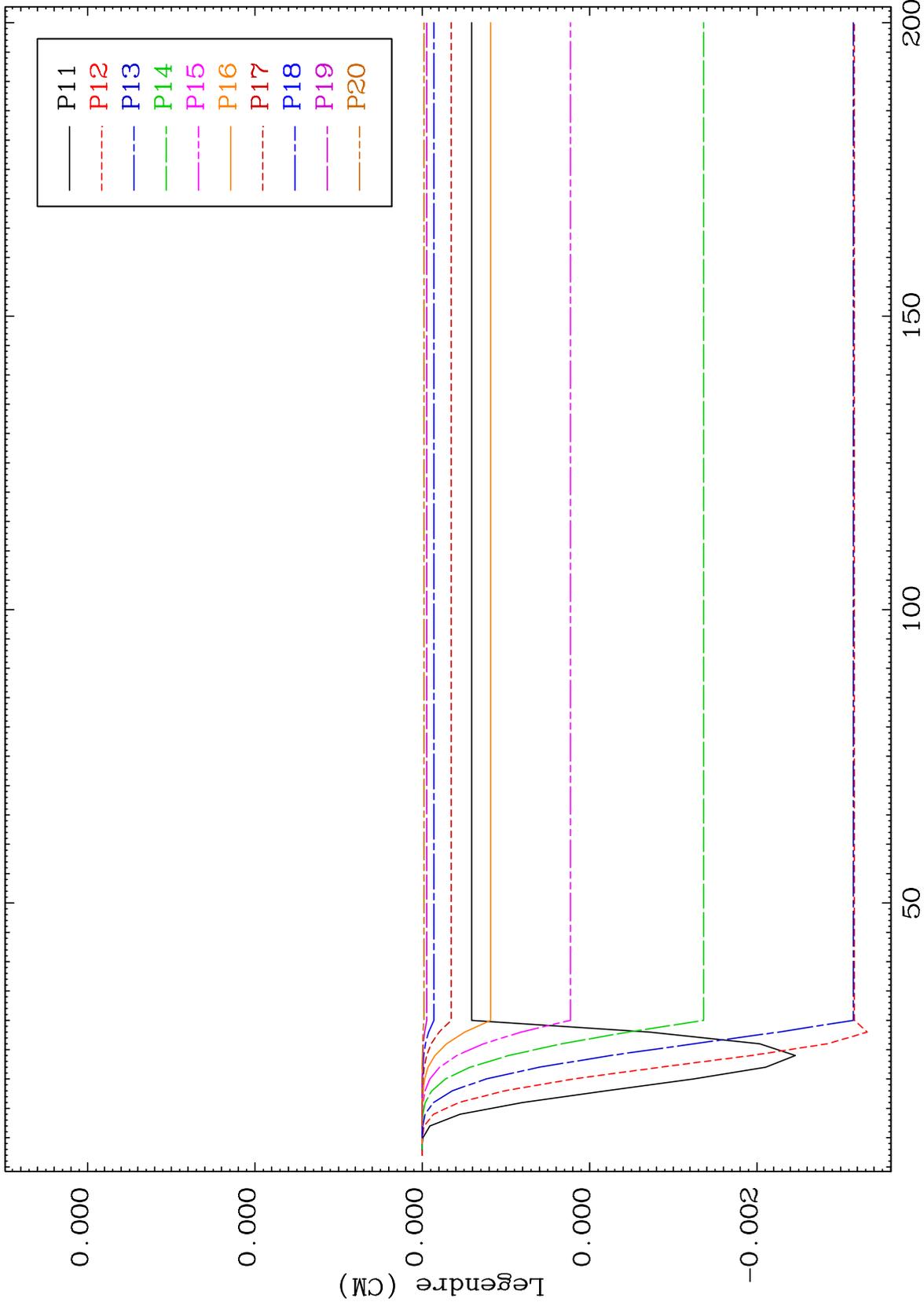




MAT 1525

5.672 MeV (n,n') Level
Legendre Coefficients

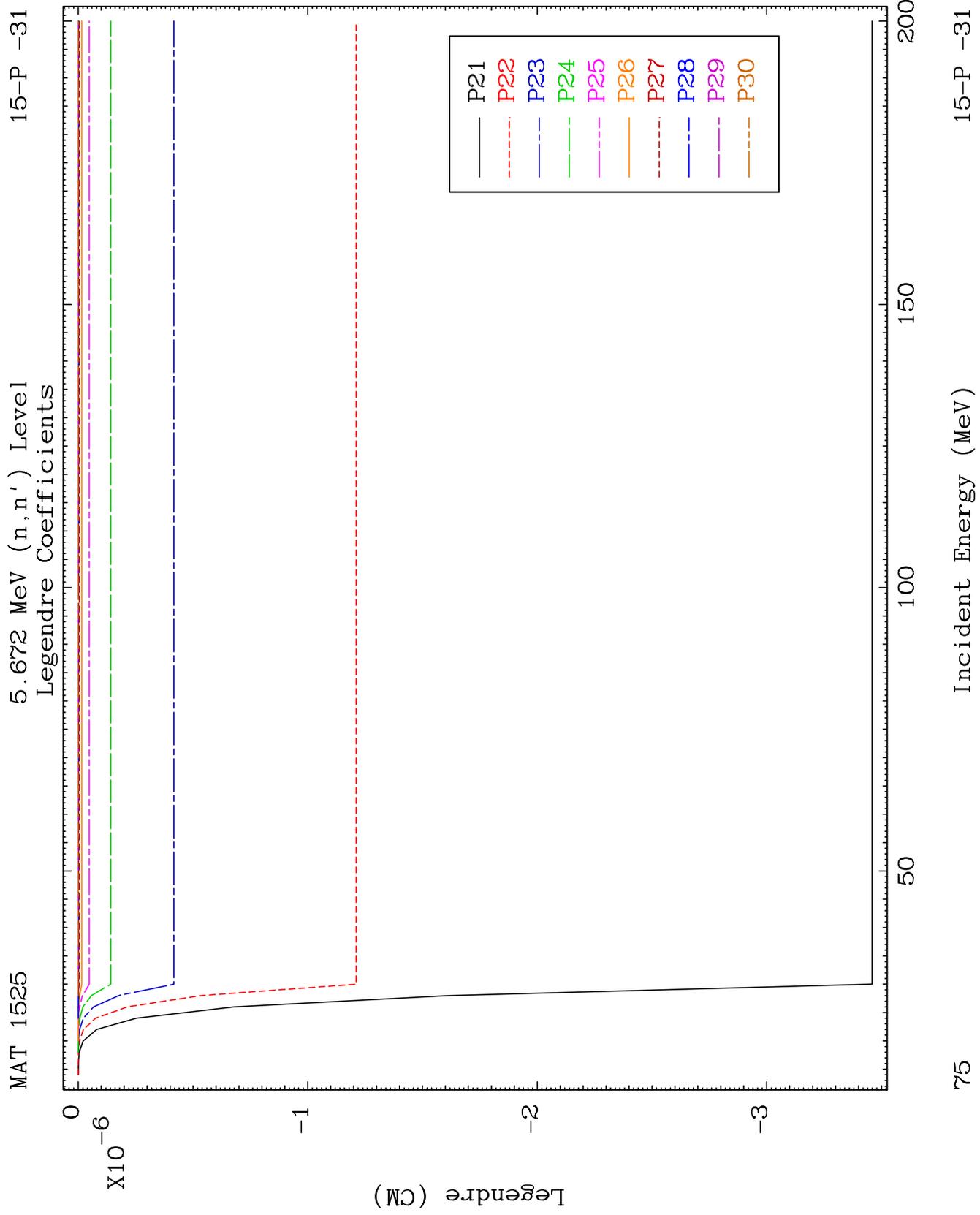
15-P -31



74

Incident Energy (MeV)

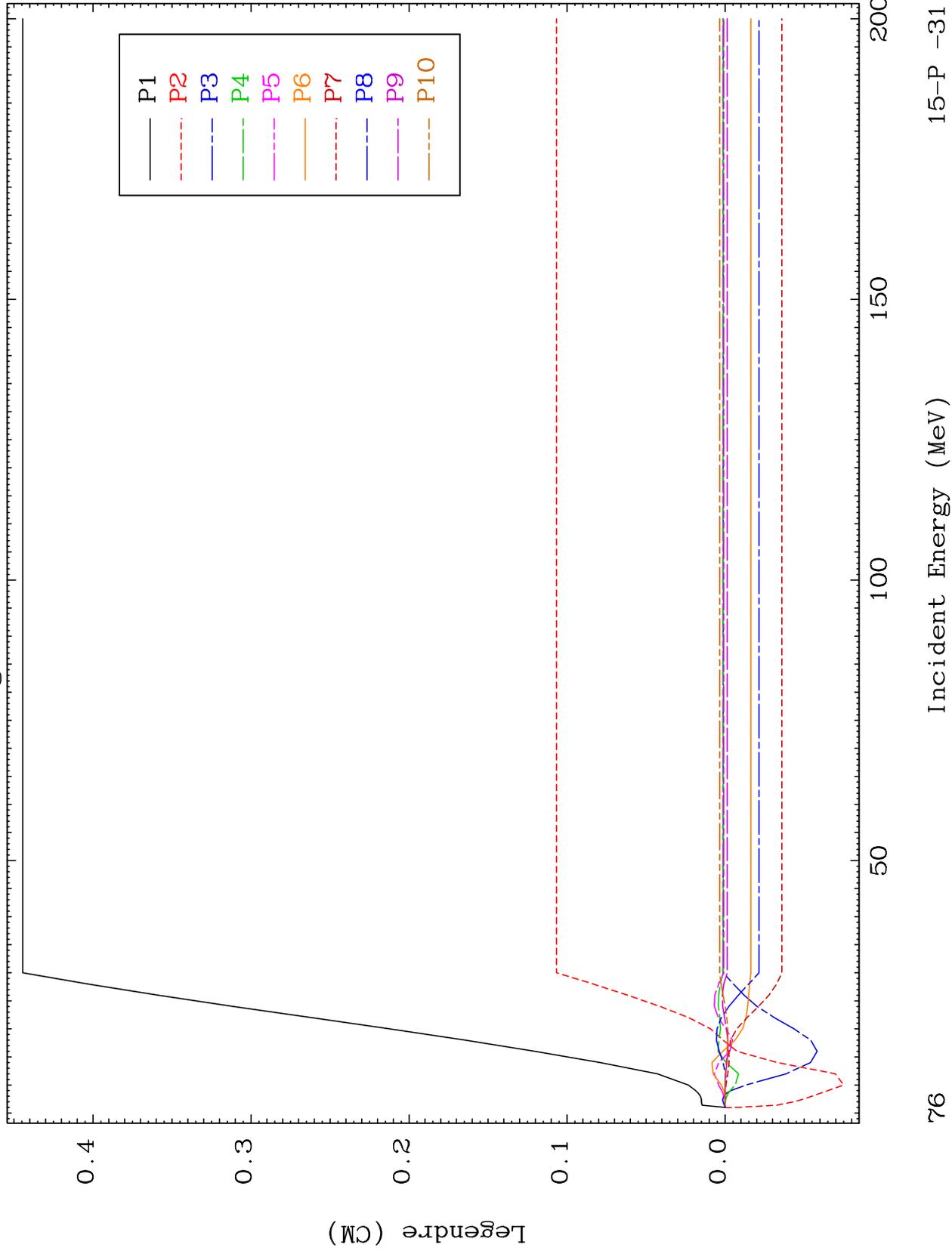
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MAT 1525

5.773 MeV (n,n') Level
Legendre Coefficients

15-P -31



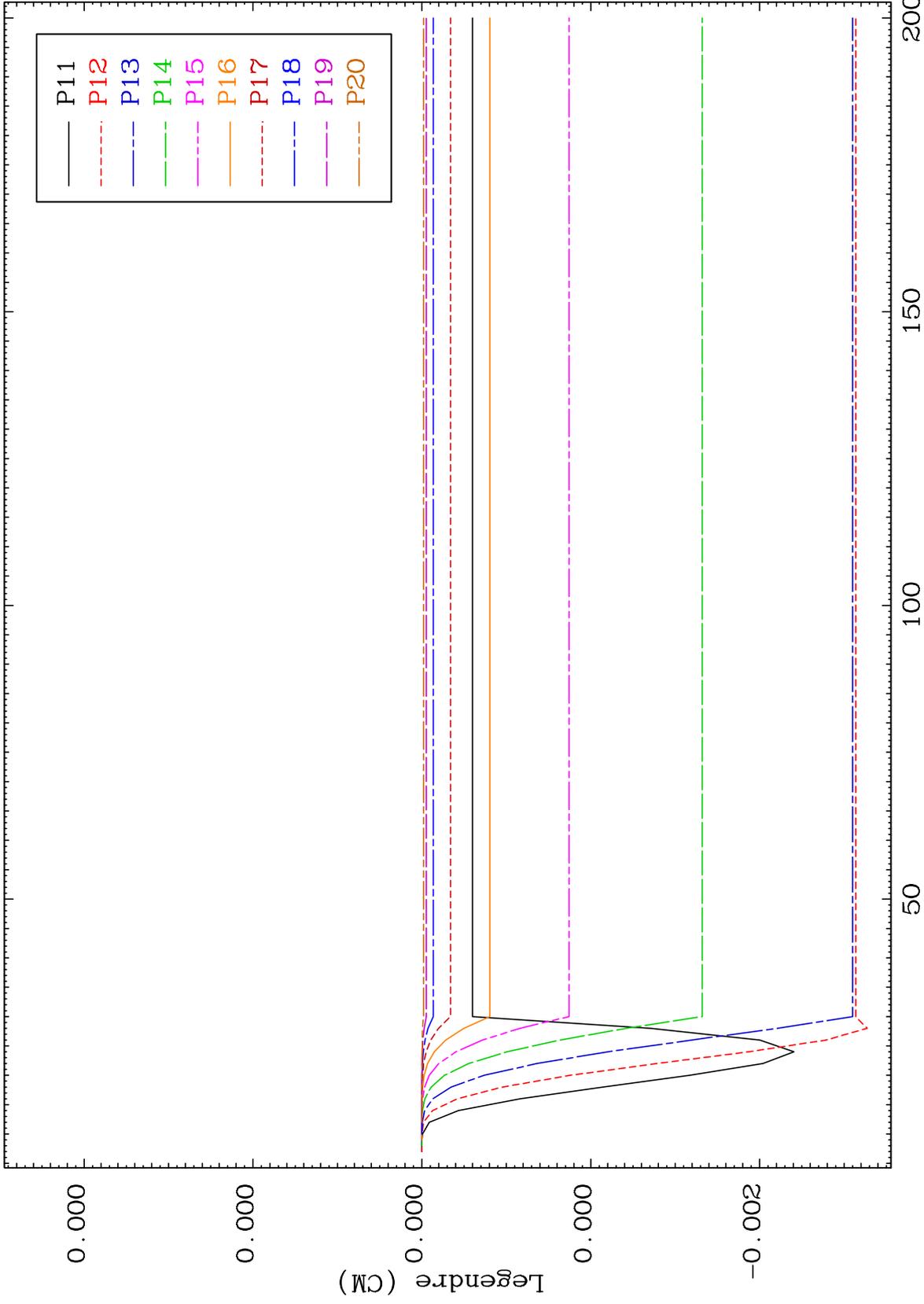
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15-P -31

MAT 1525

5.773 MeV (n,n') Level
Legendre Coefficients

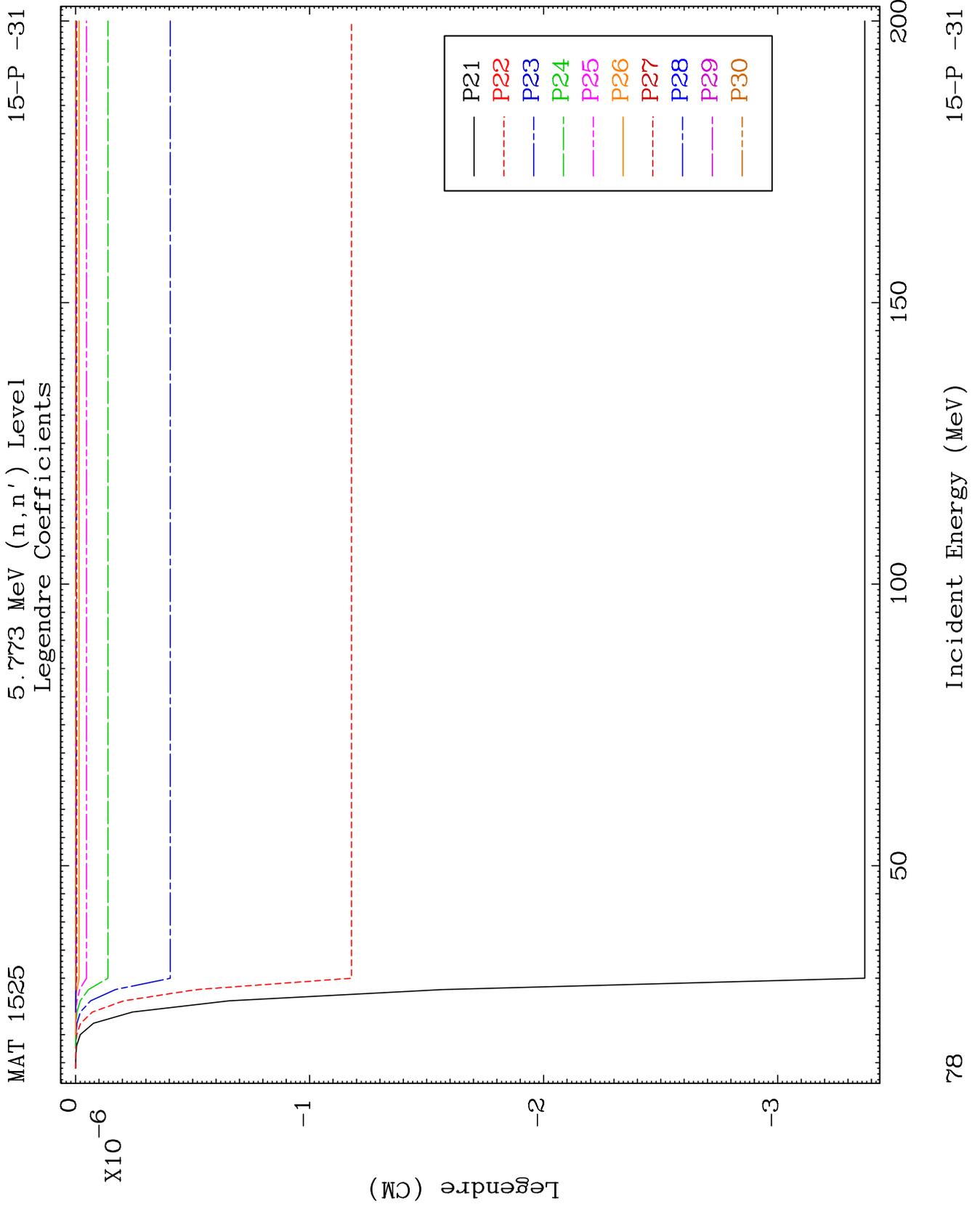
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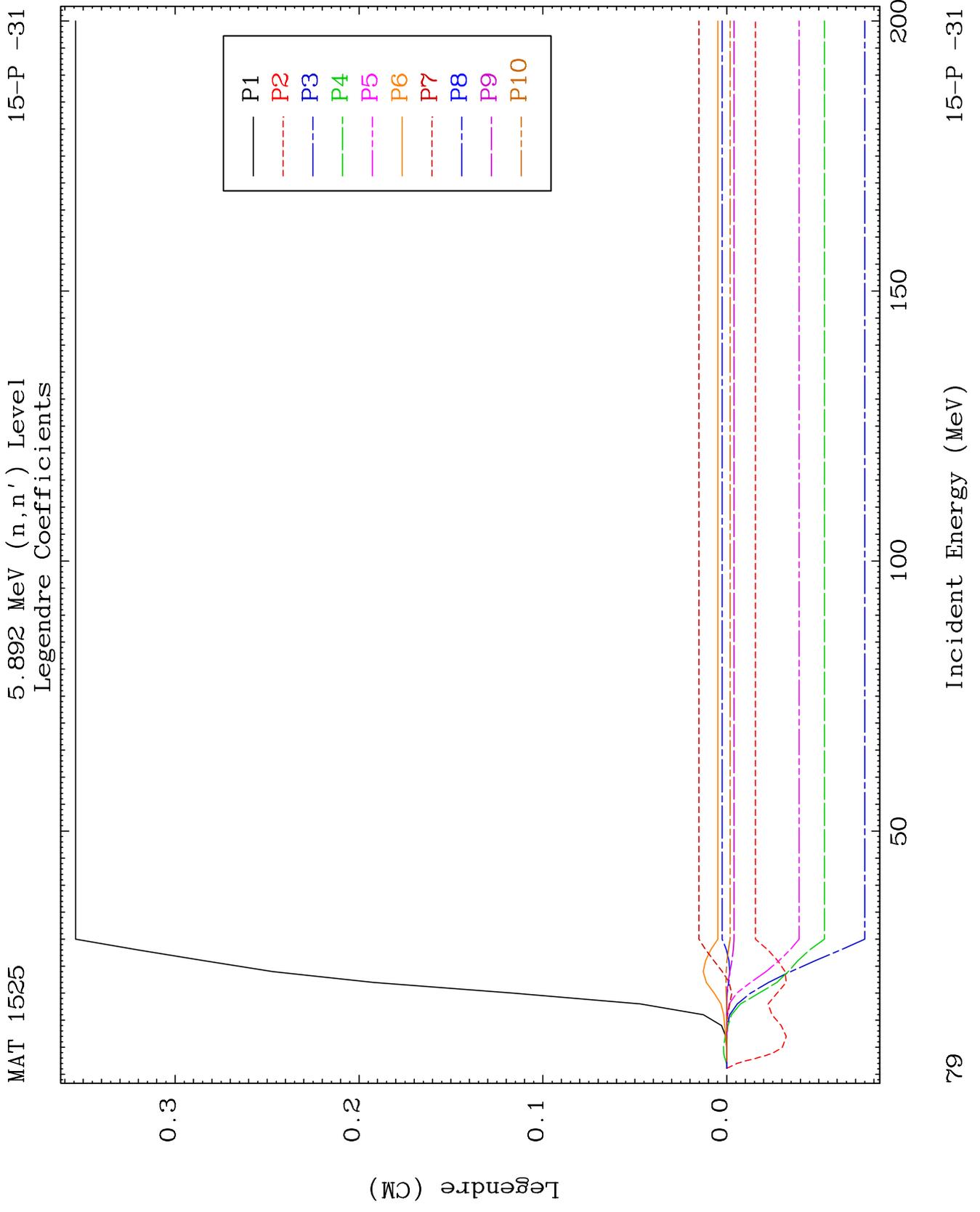


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Incident Energy (MeV)

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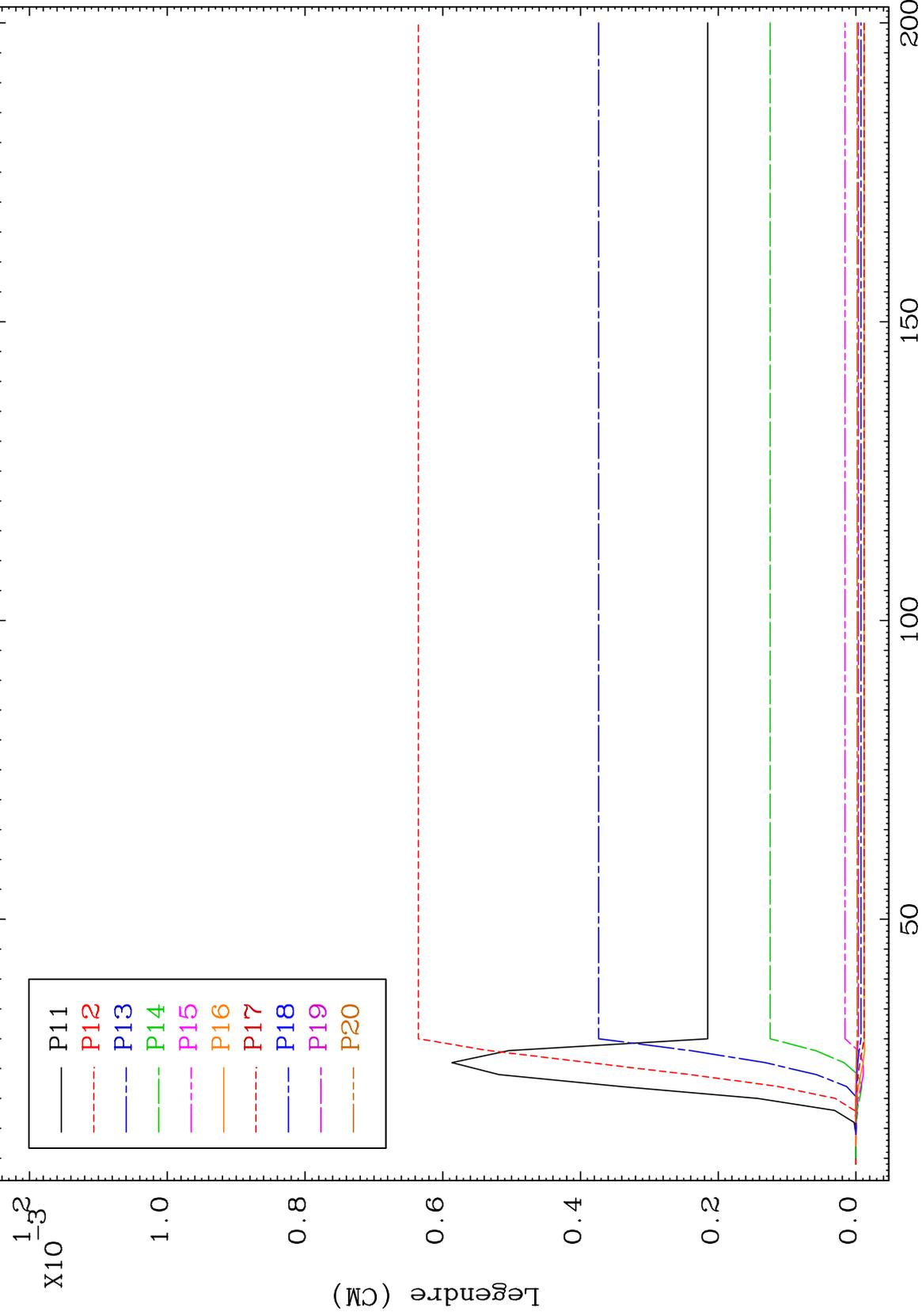




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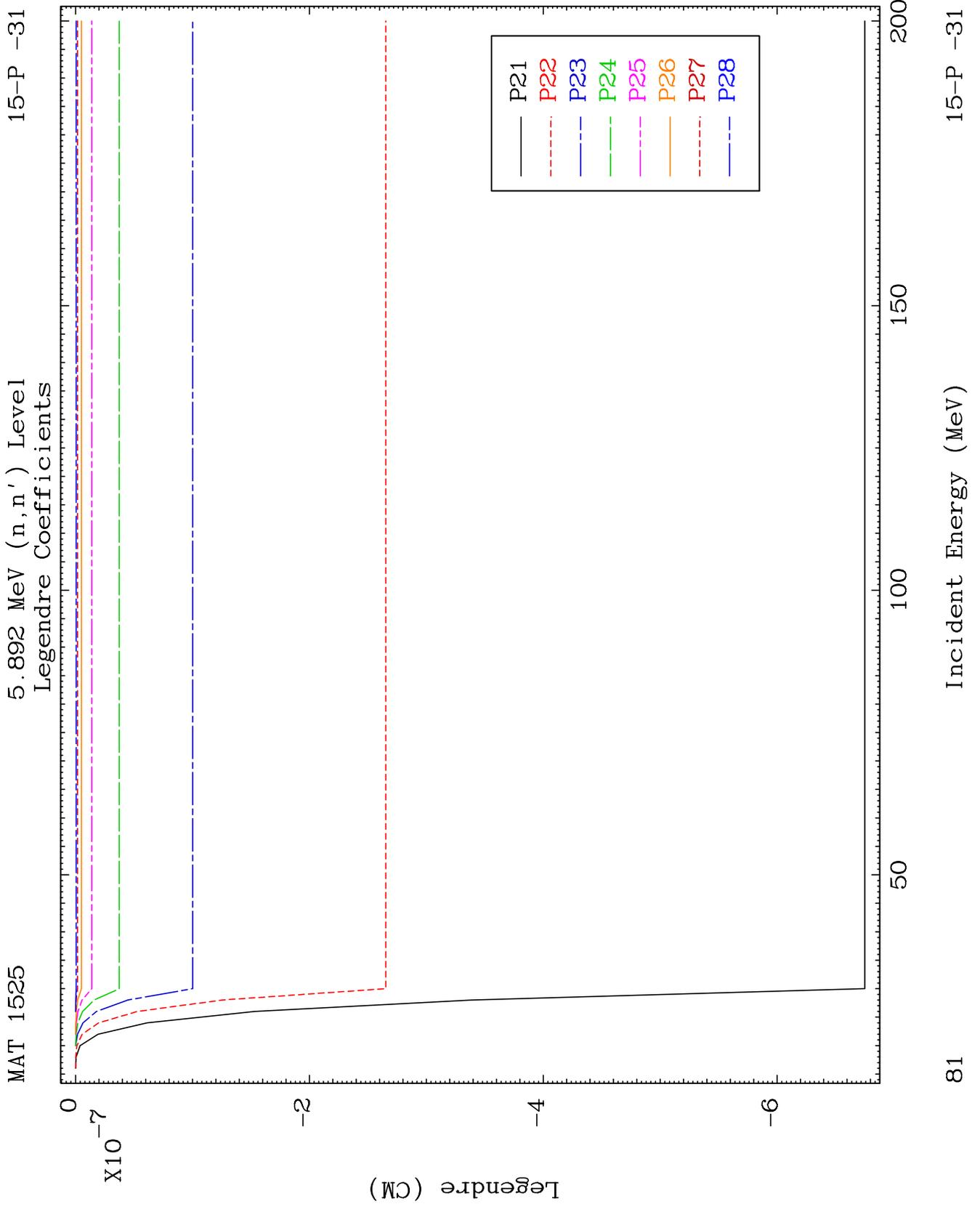
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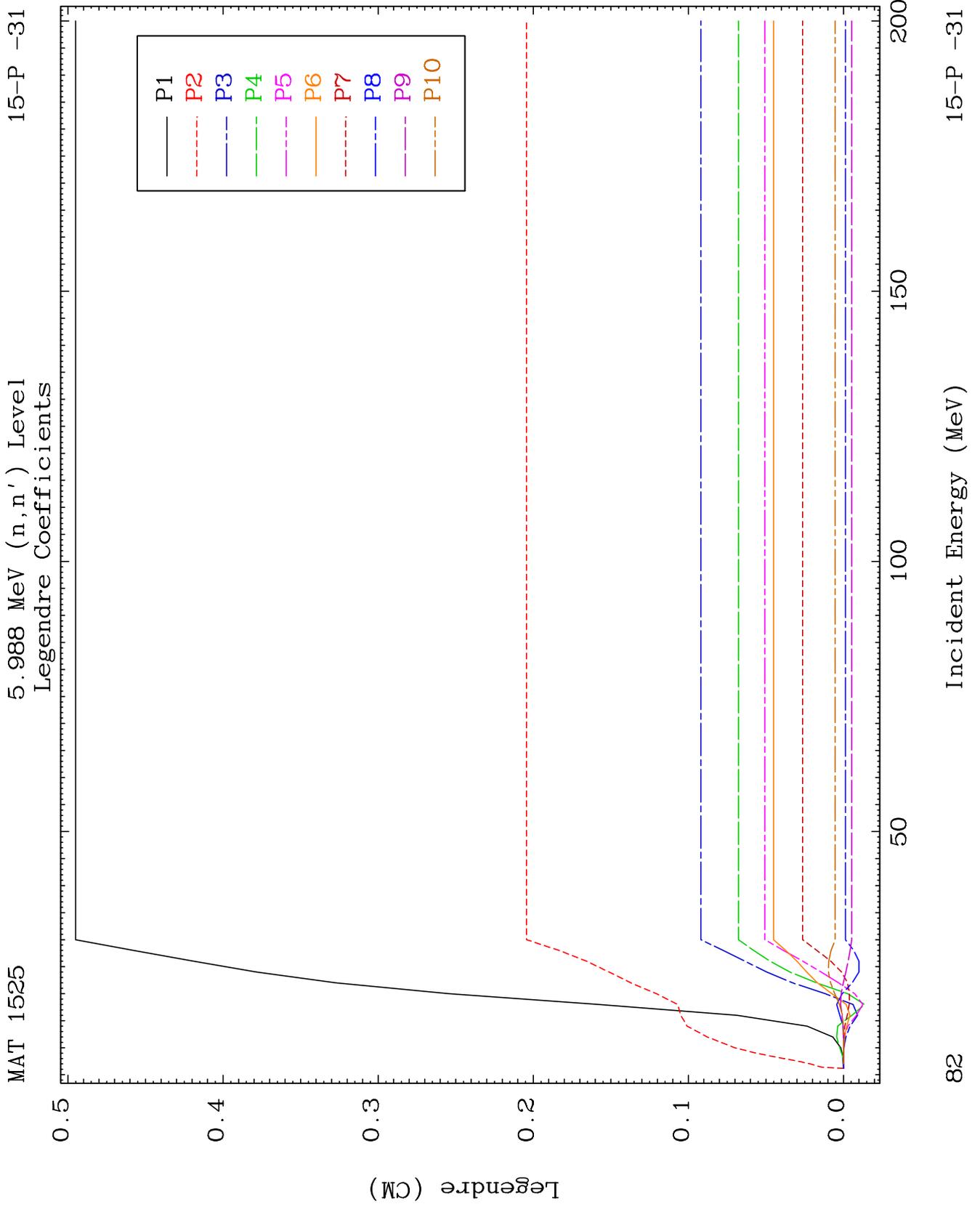


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Incident Energy (MeV)

15-P -31

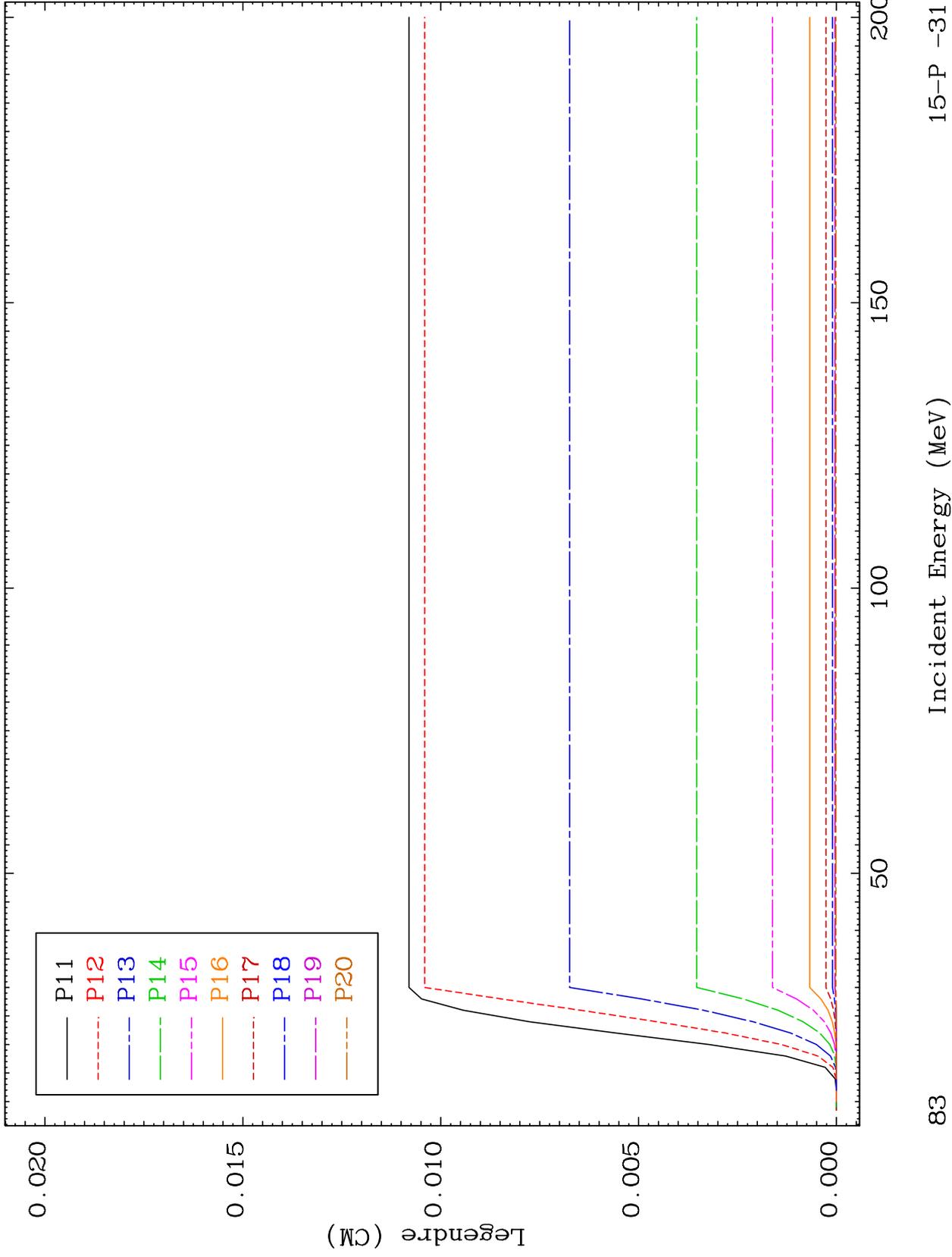




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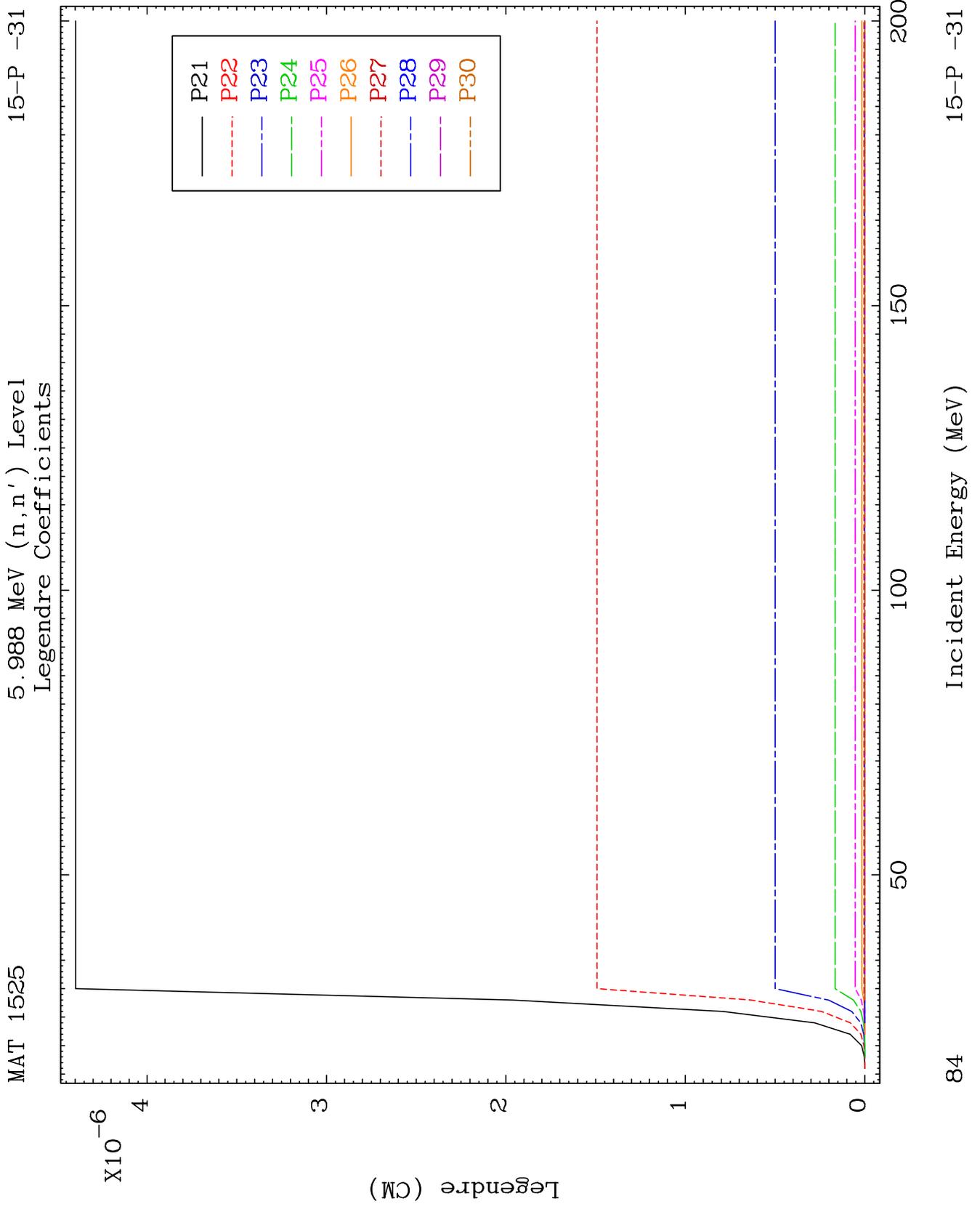
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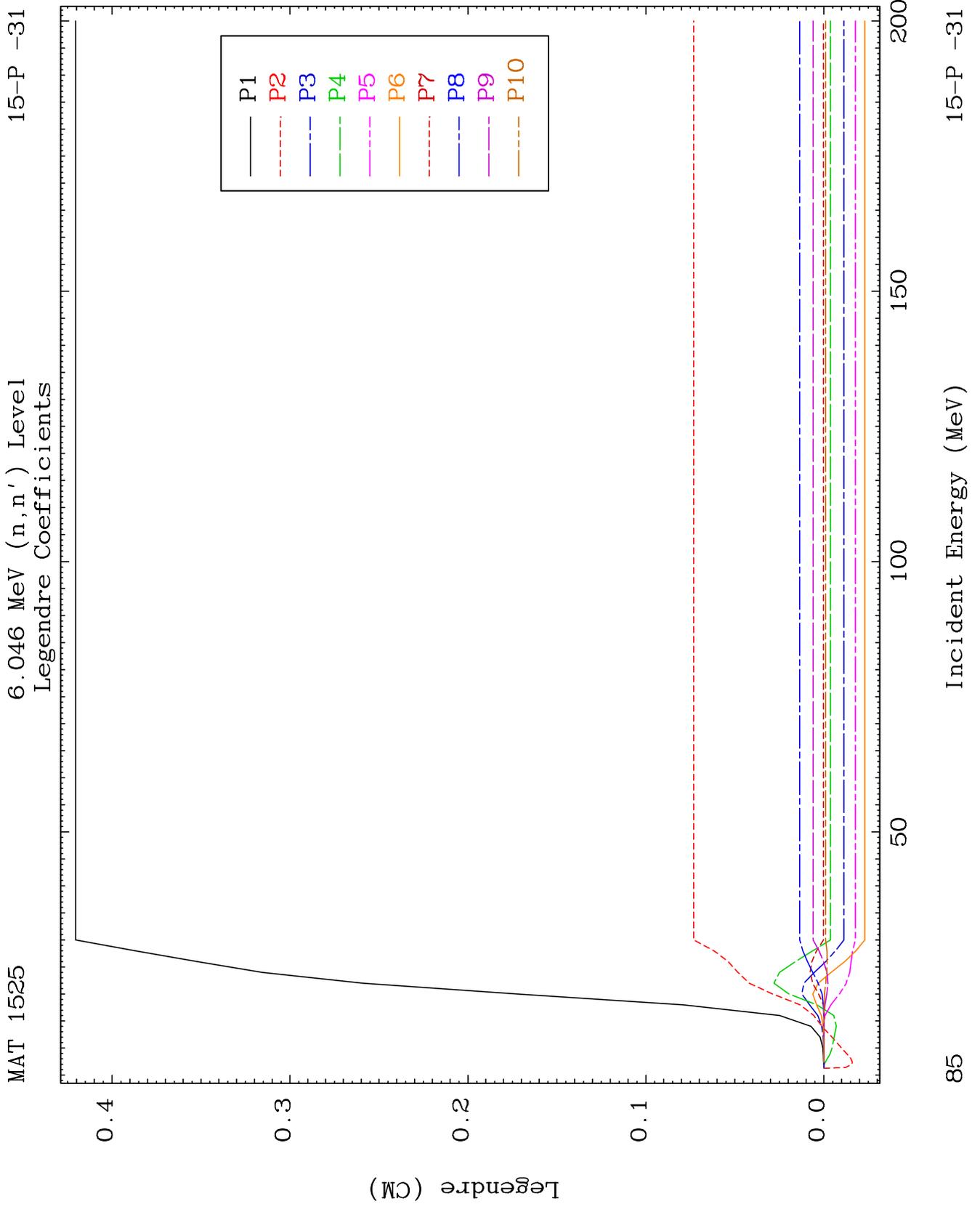
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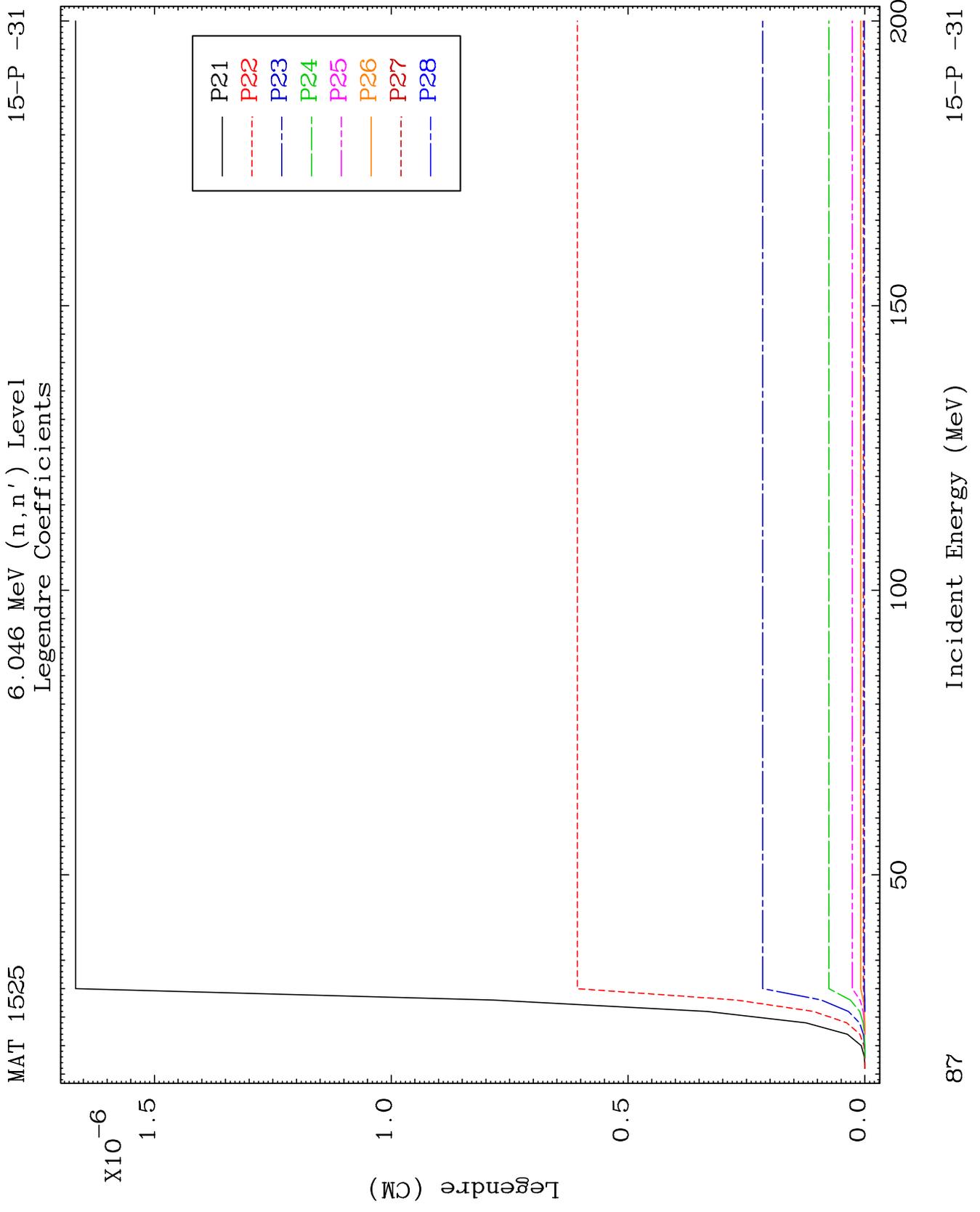


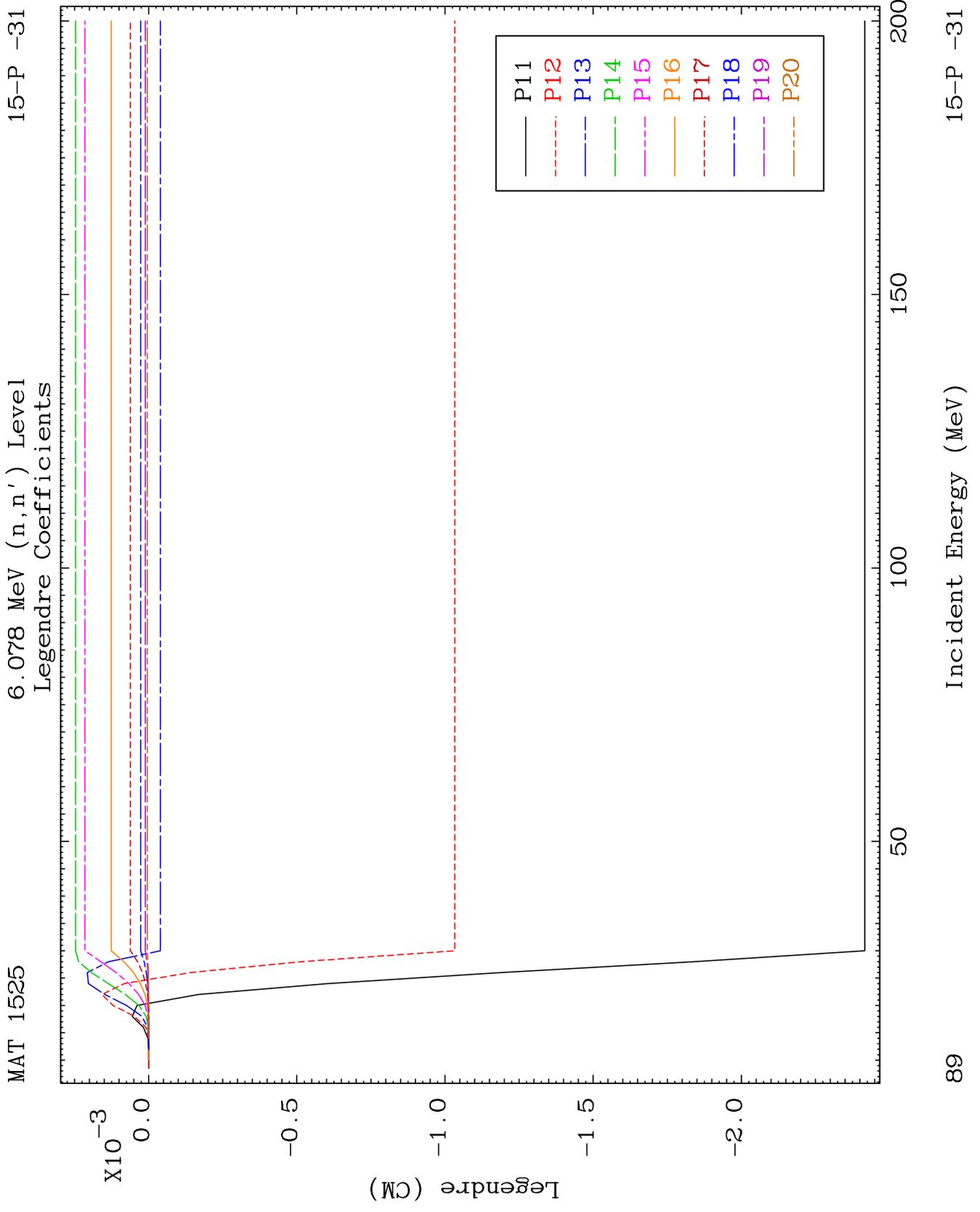
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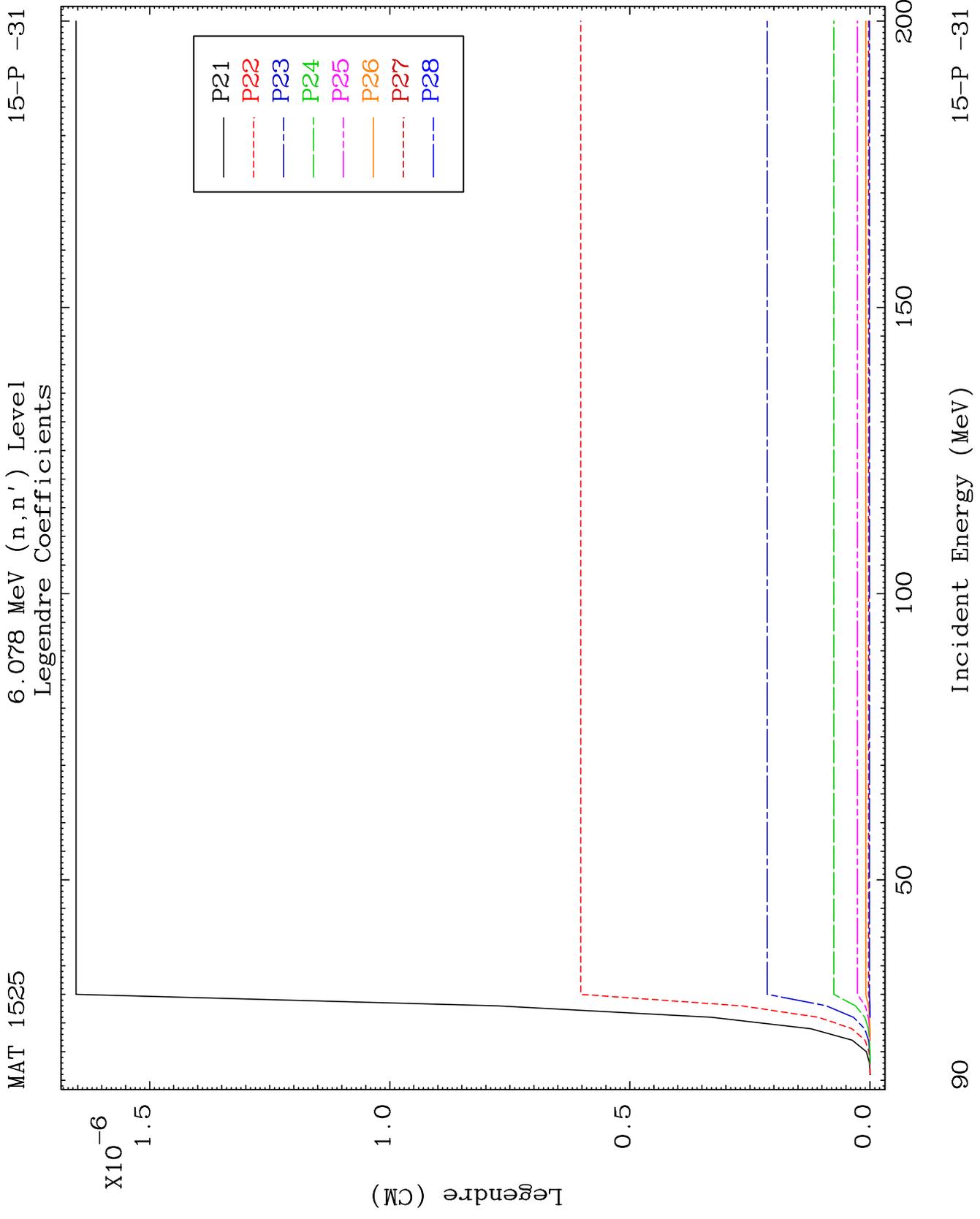
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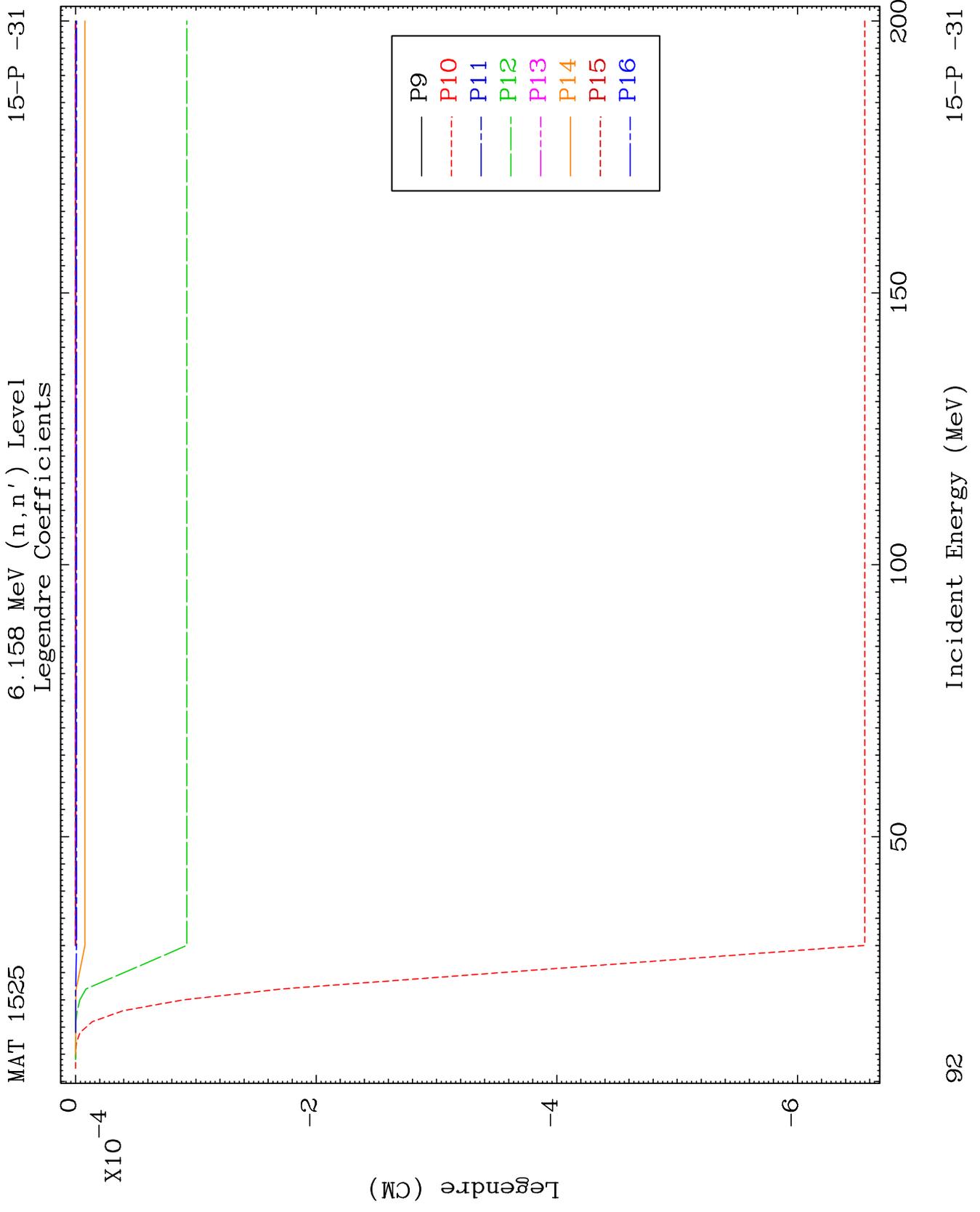


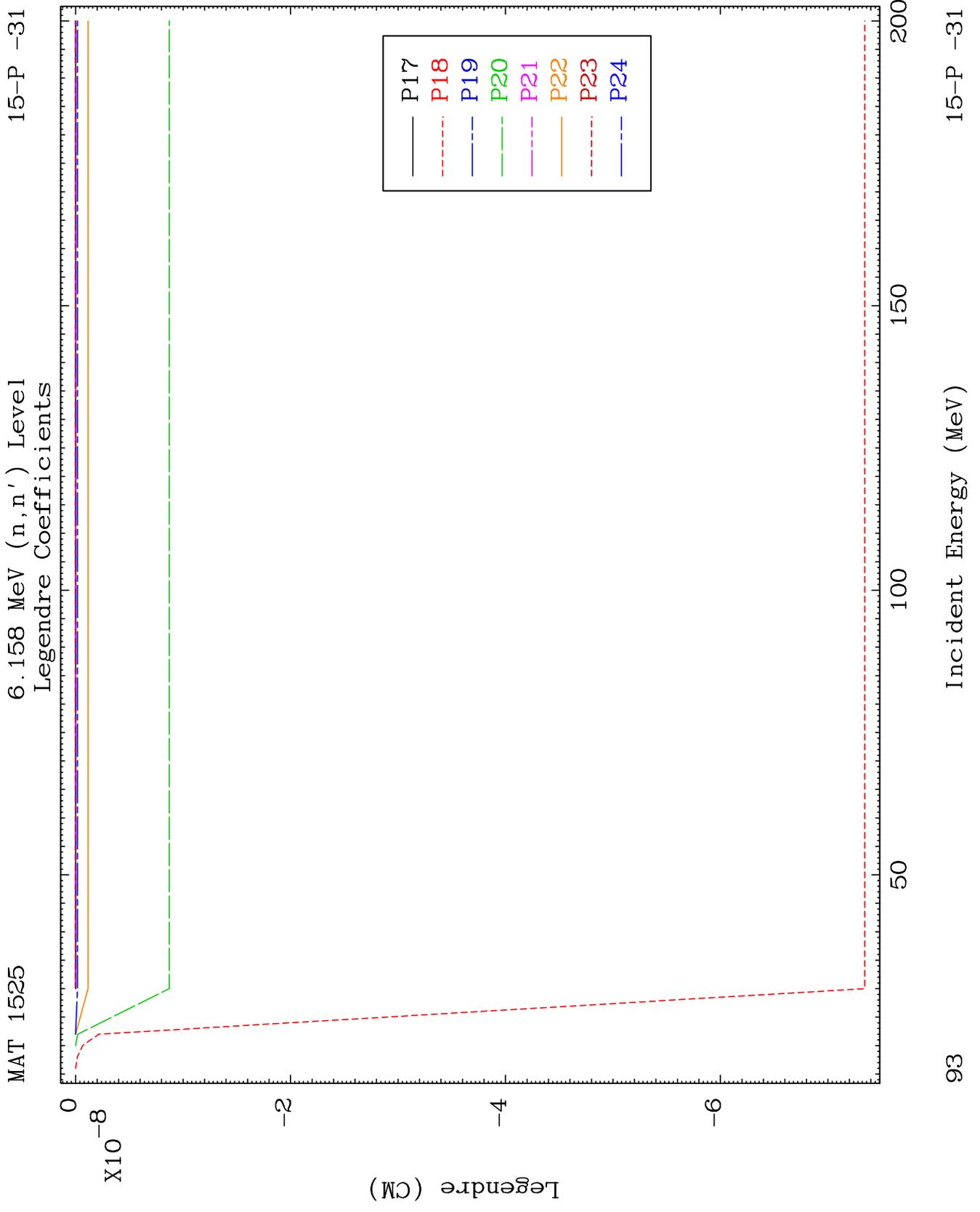


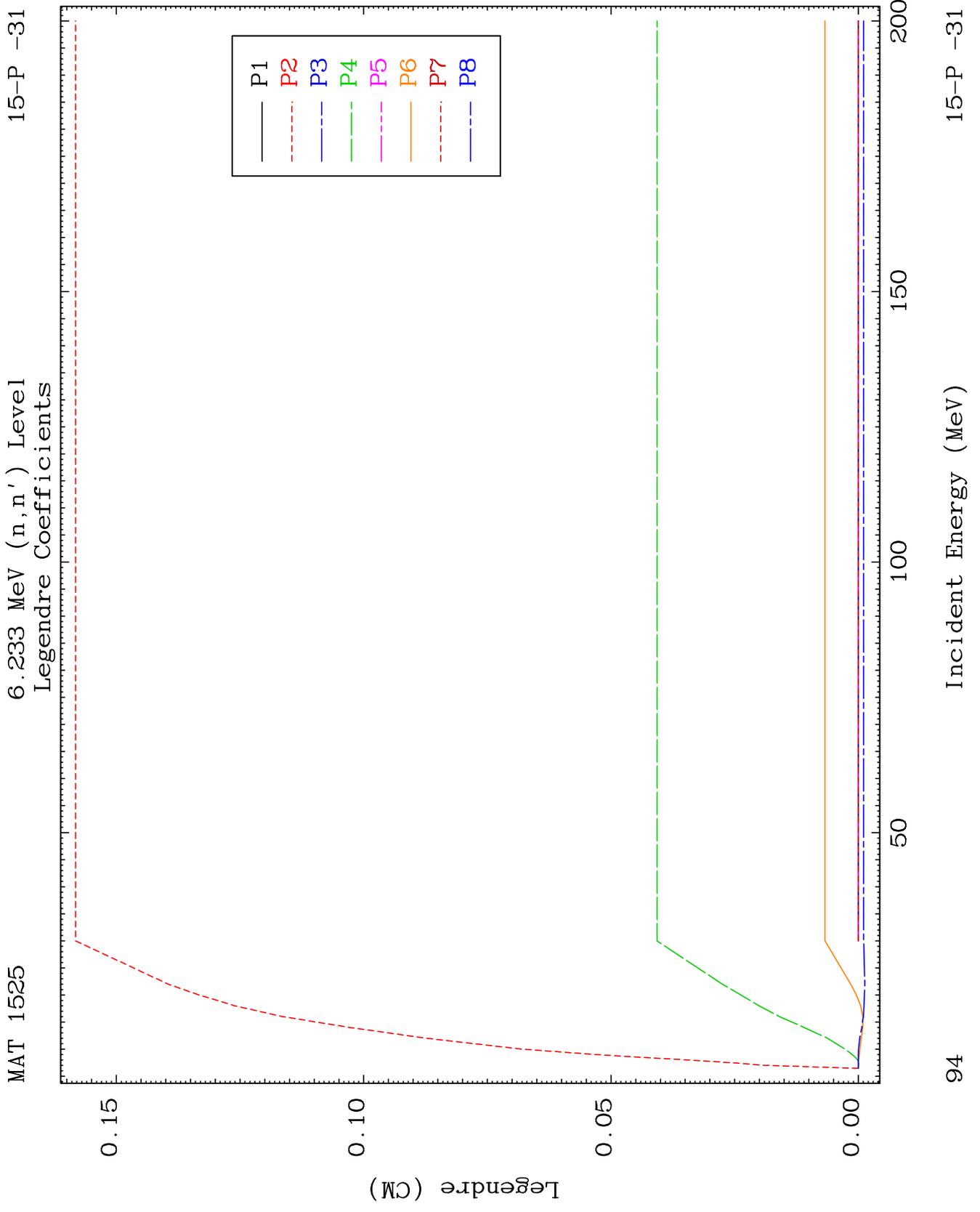


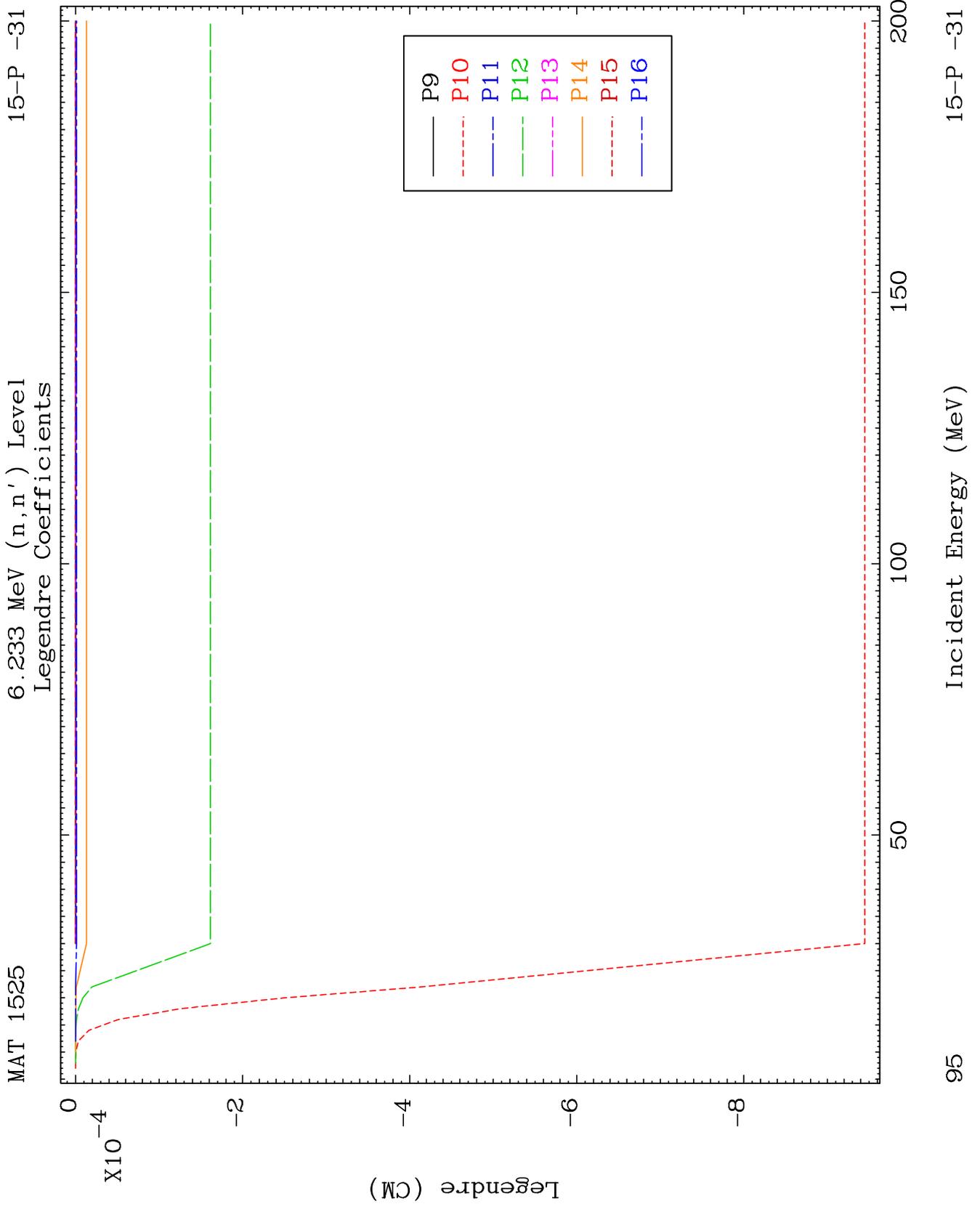


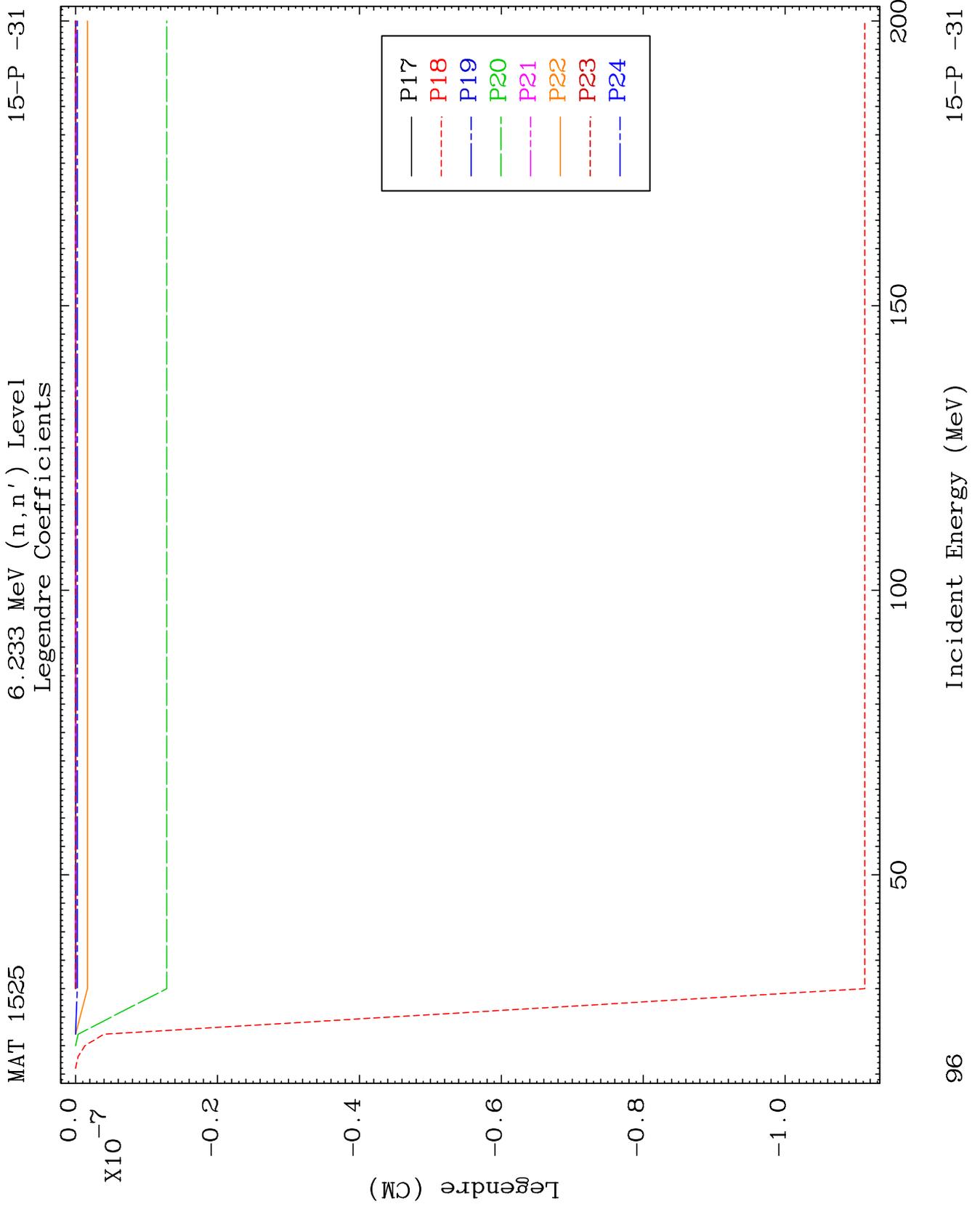


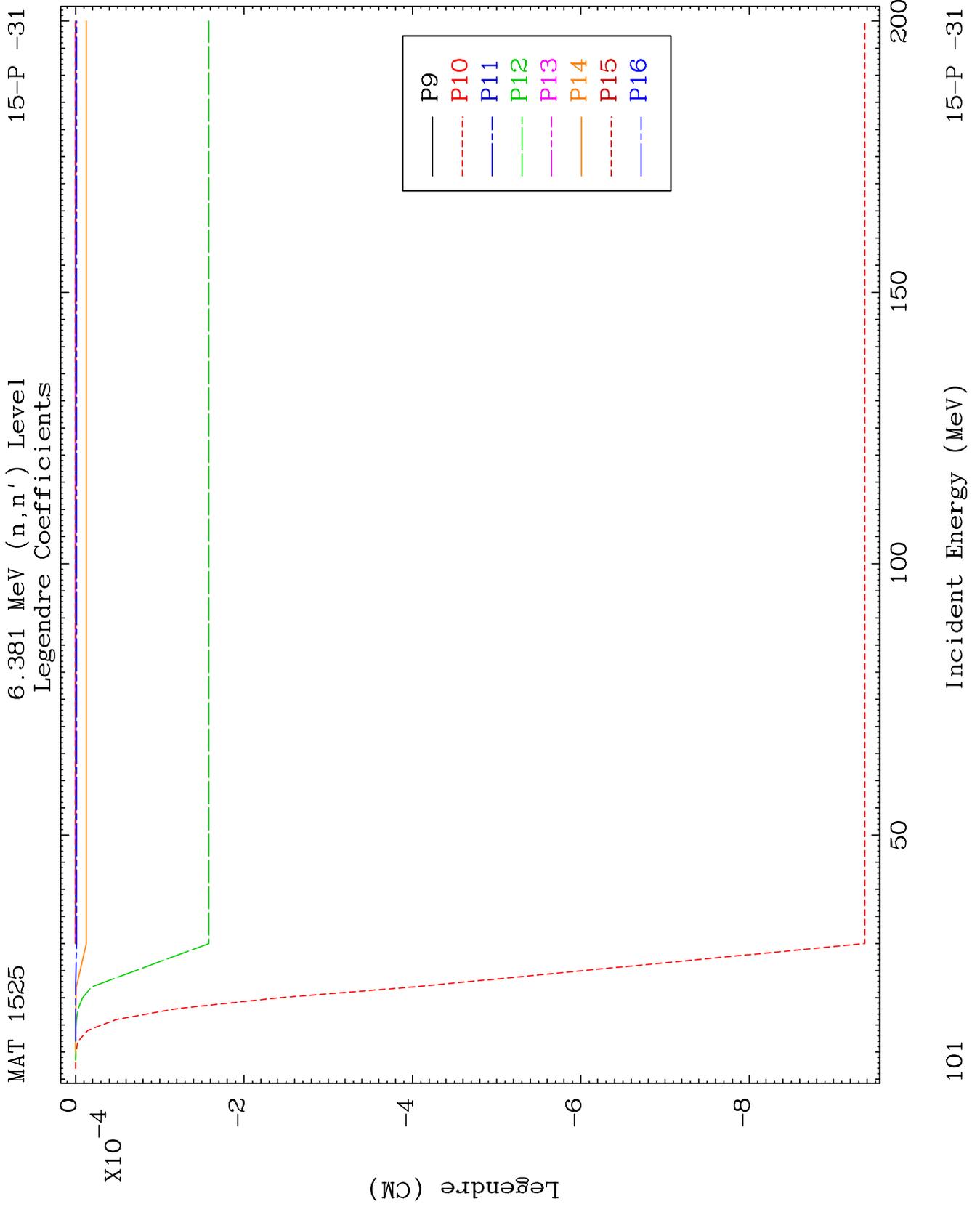


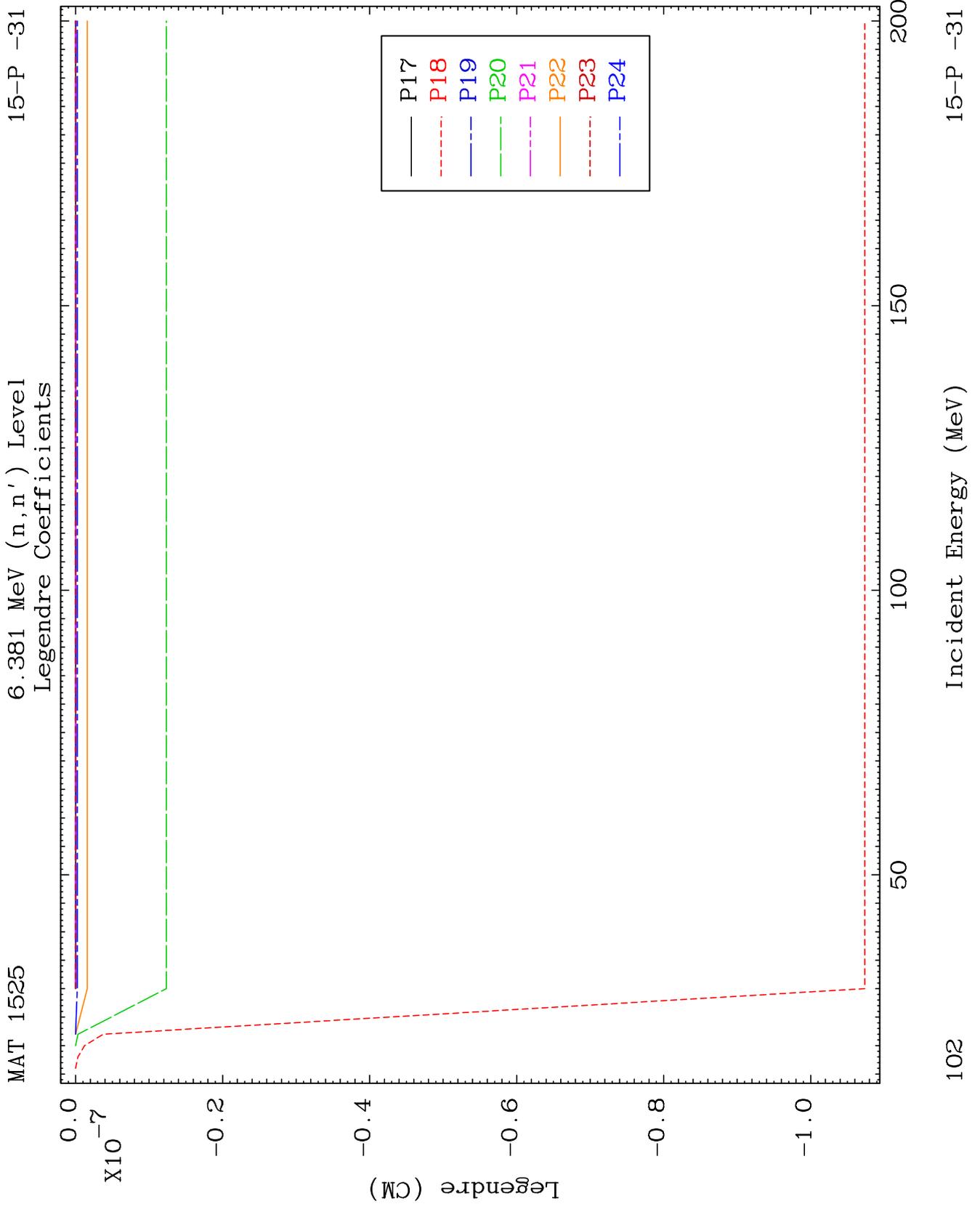


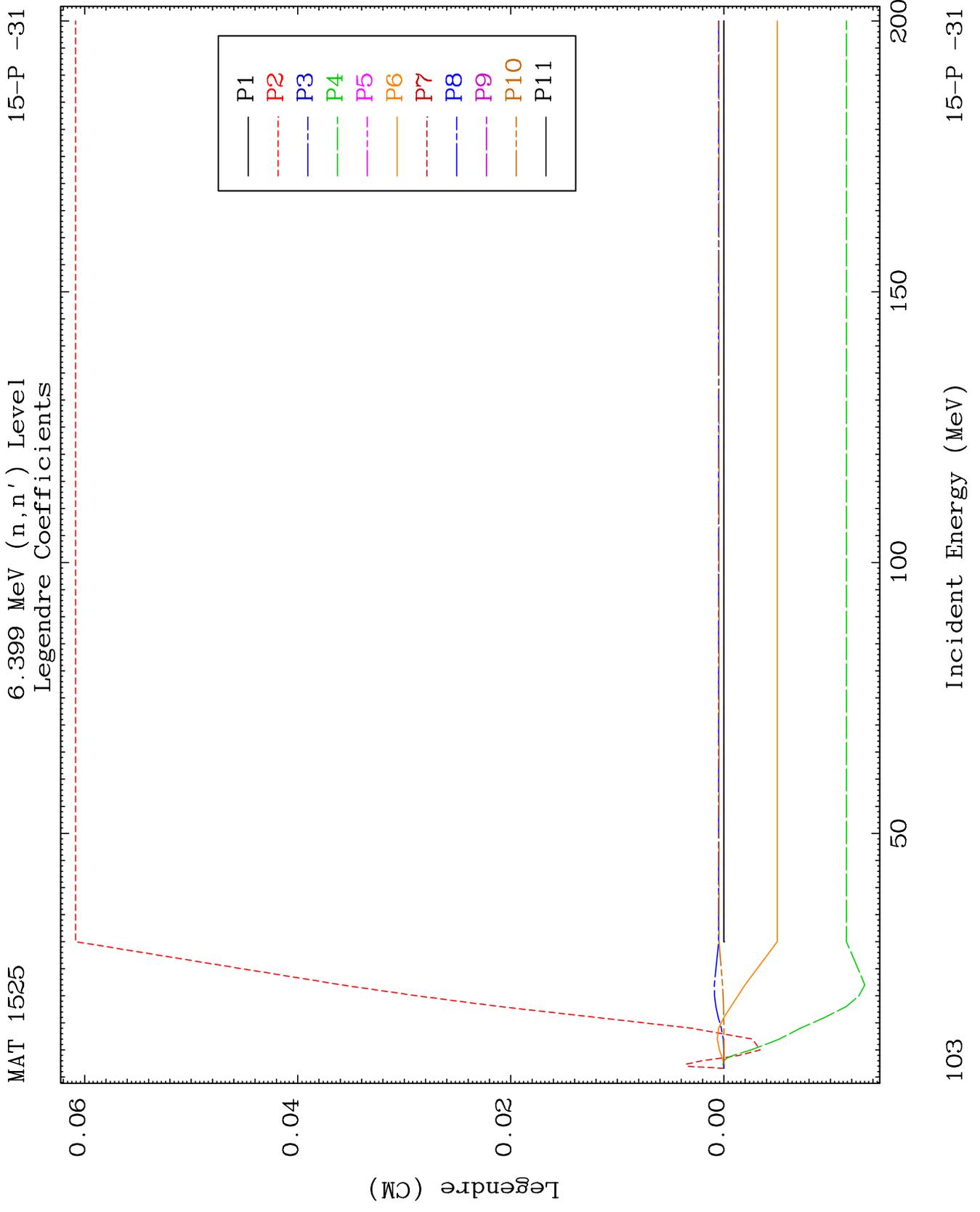








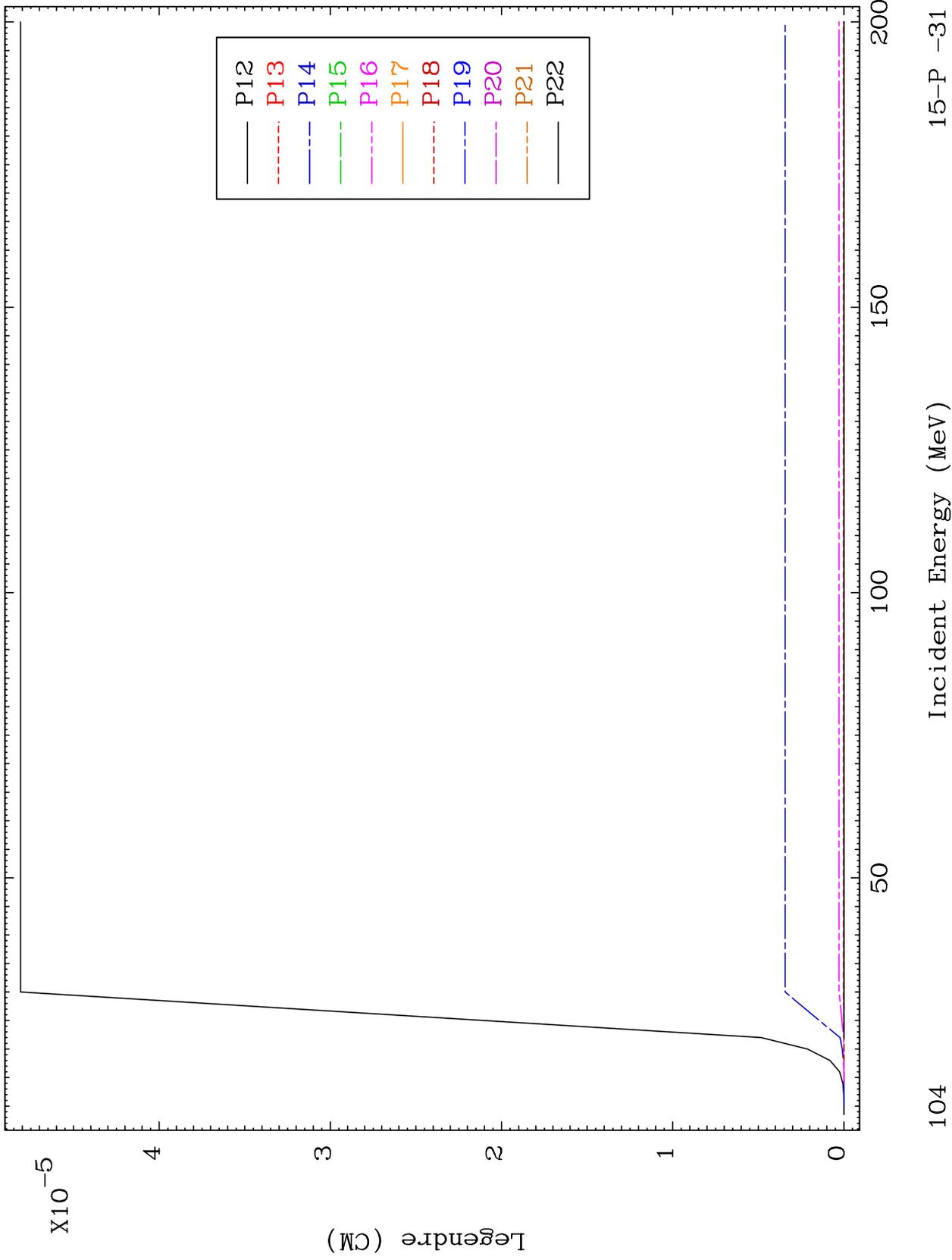




MAT 1525

6.399 MeV (n,n') Level
Legendre Coefficients

15-P -31

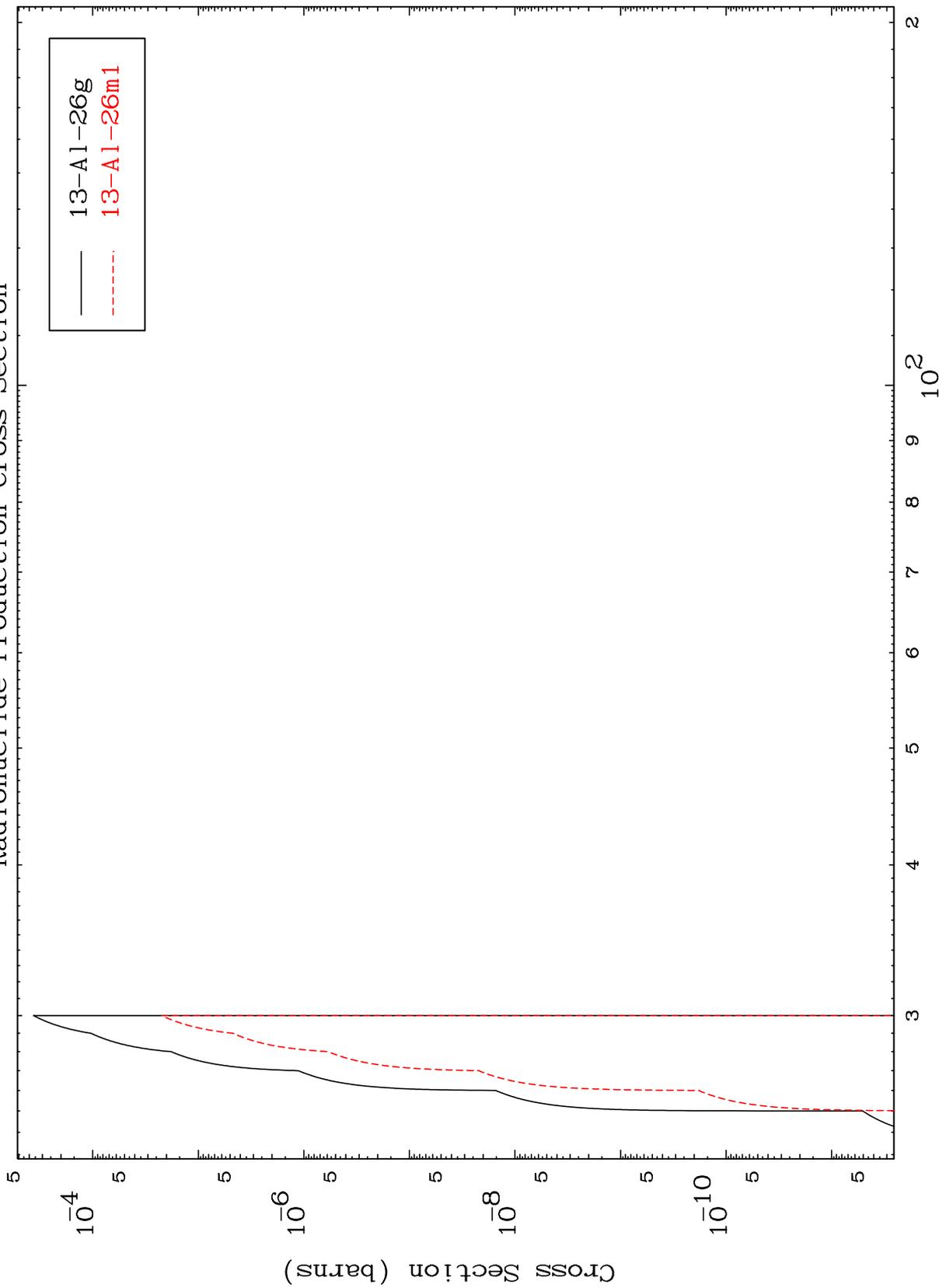


MAT 1525

(n,2n) α

15-P -31

Radionuclide Production Cross Section



105

Incident Energy (MeV)

15-P -31