

Program EVALPLOT
(Version 2015-2)

by

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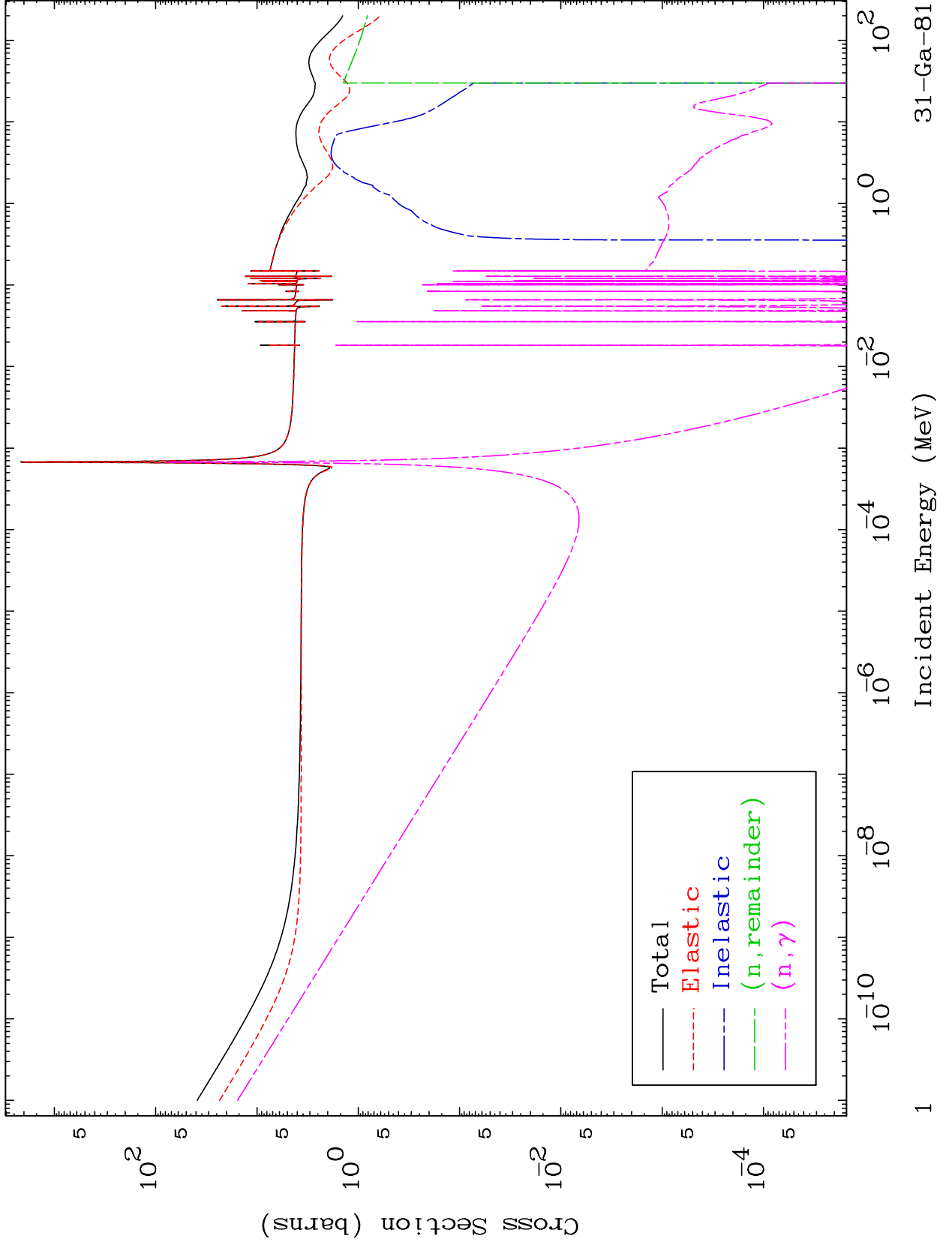
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

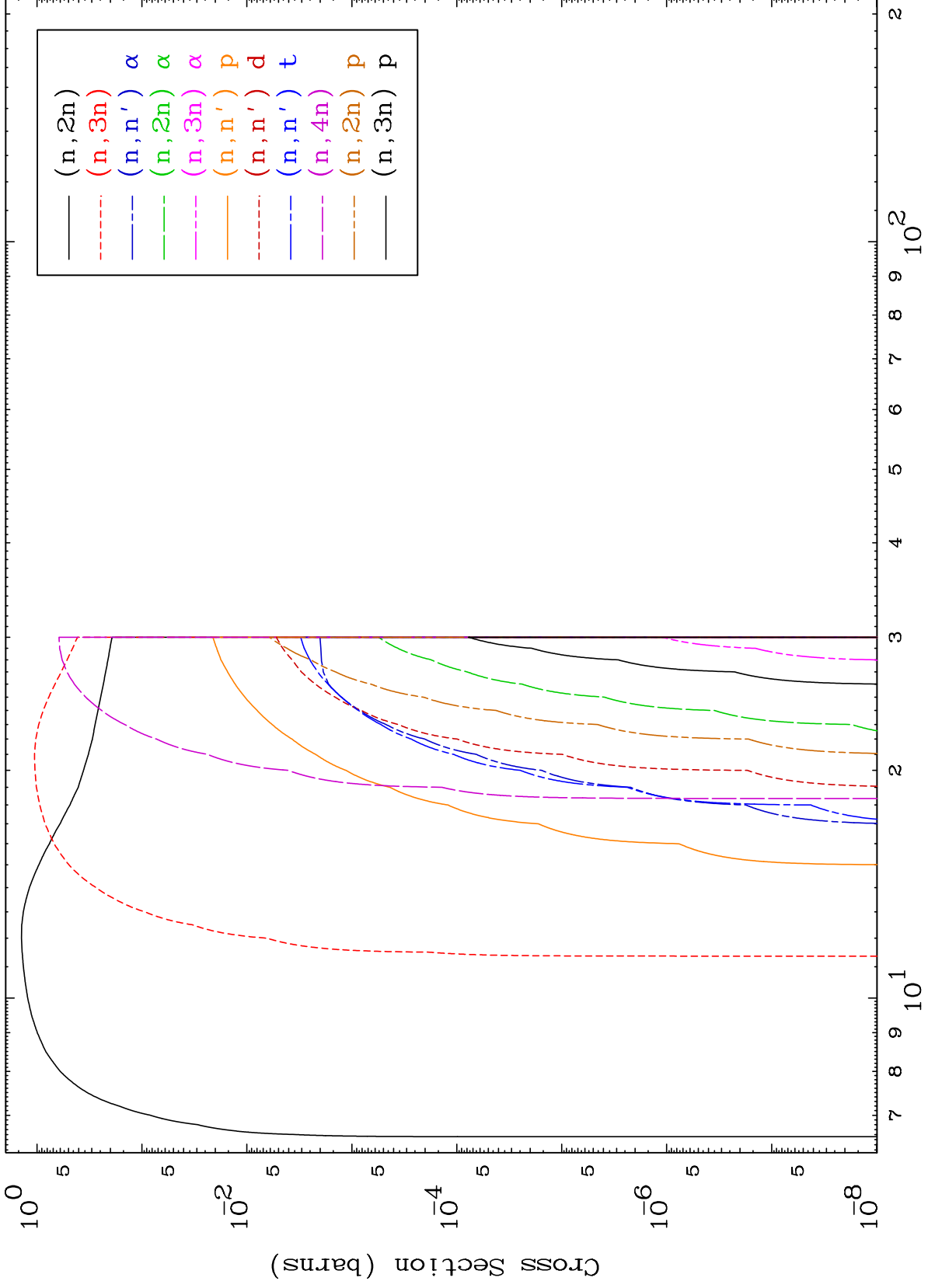
Press Mouse Button to Start

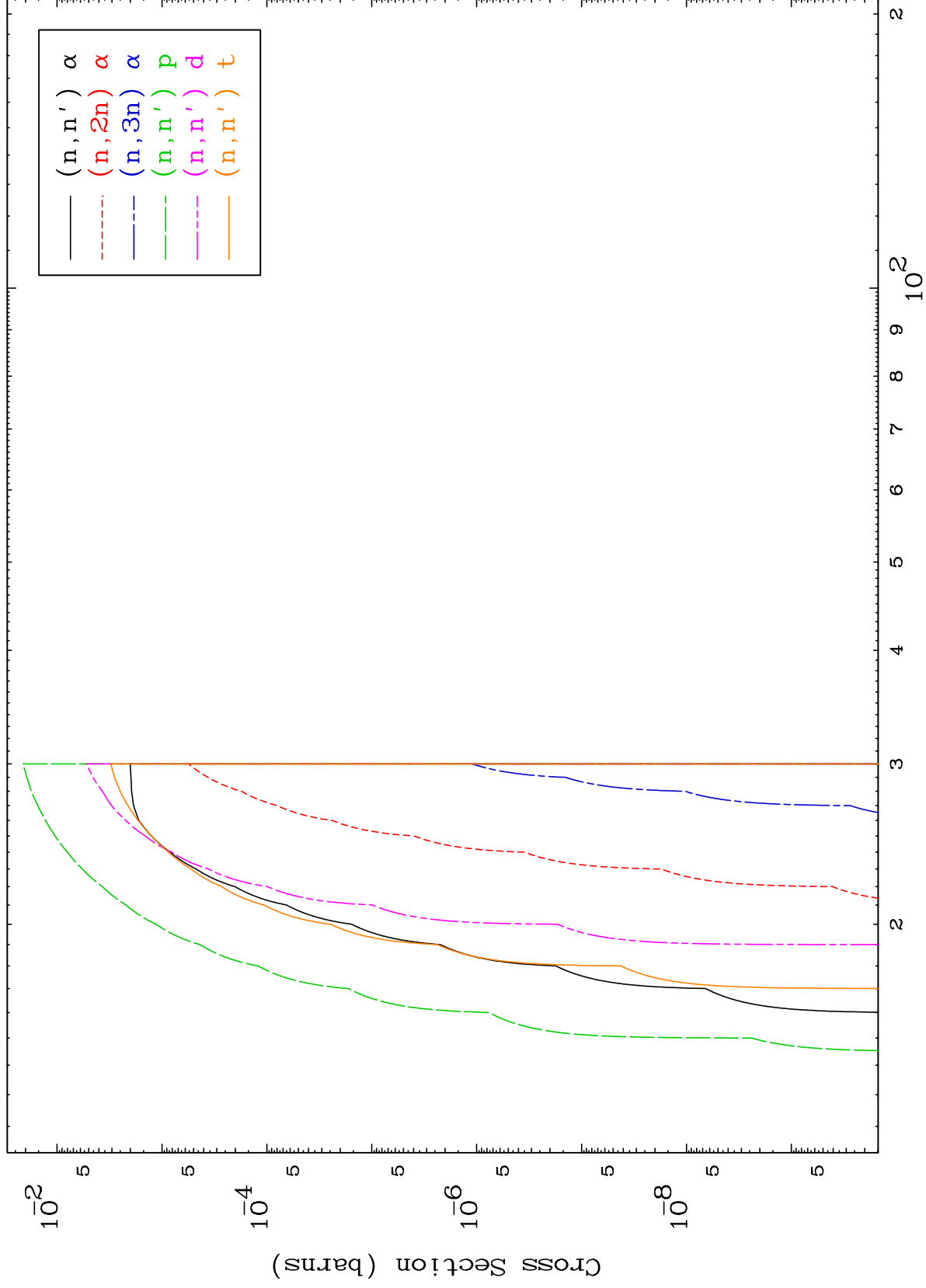
MAT 3161

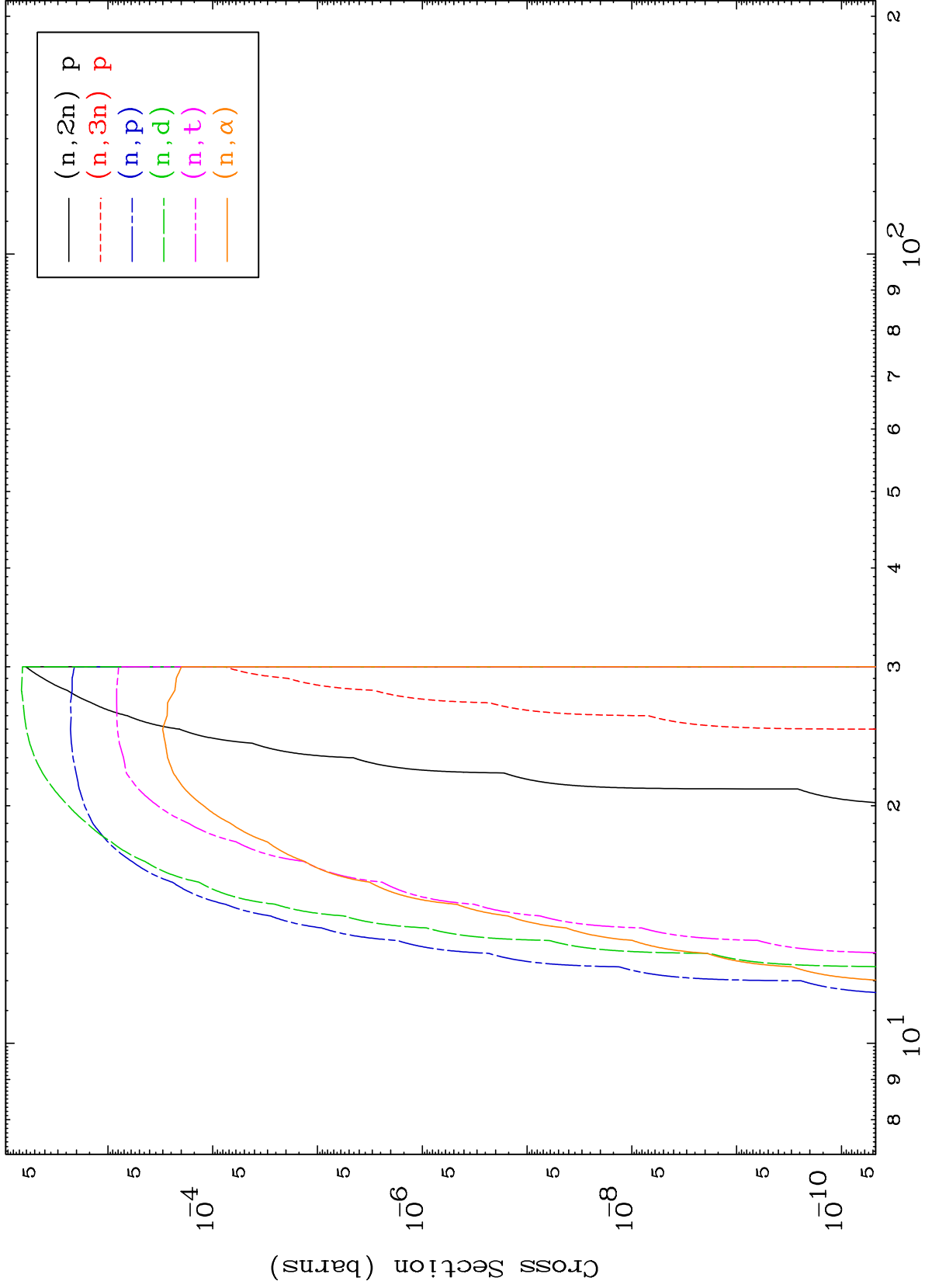
Major
293 Kelvin Cross Sections

31-Ga-81





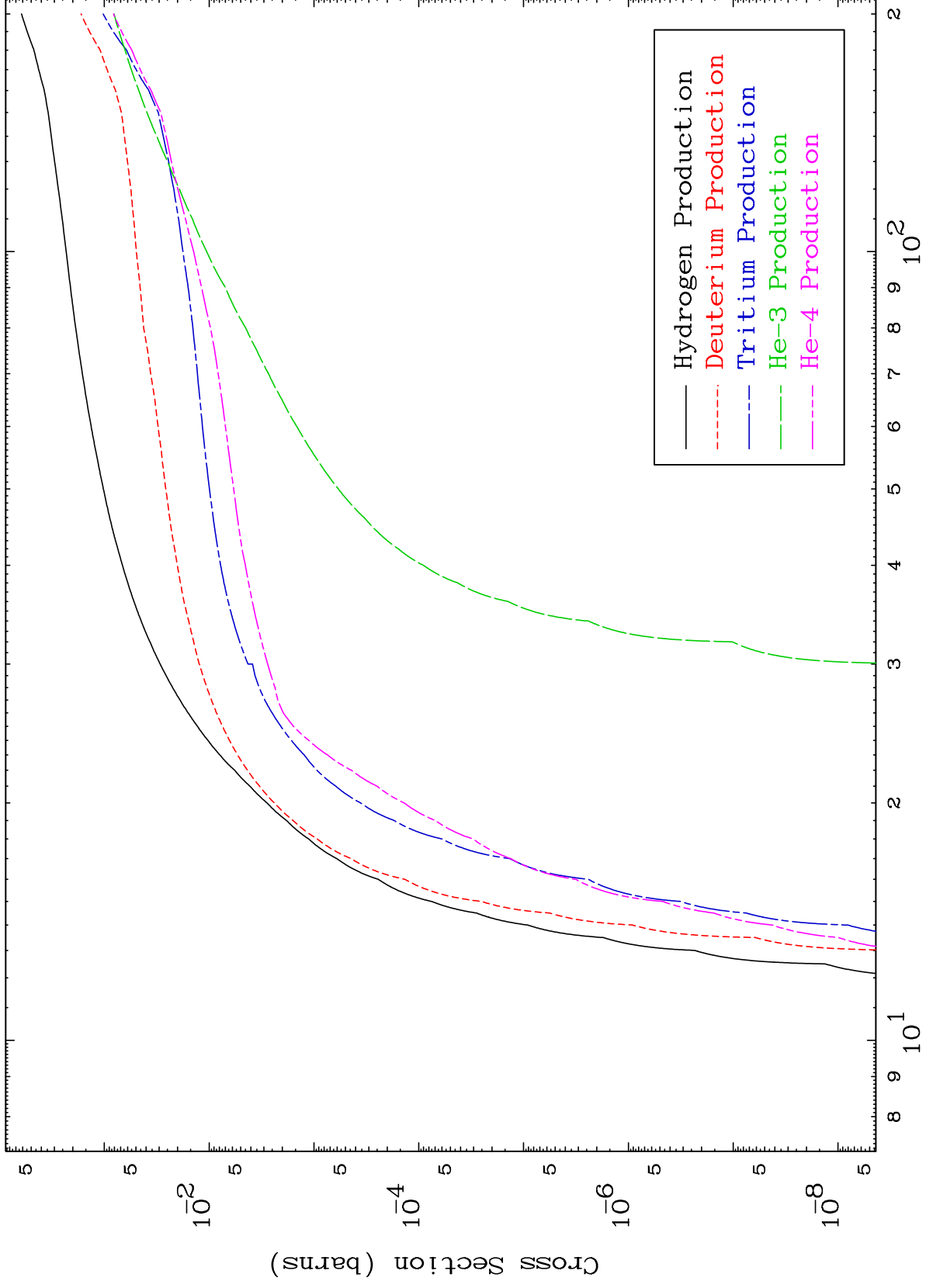




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Particle Production
293 Kelvin Cross Sections

31-Ga-81



5

Incident Energy (MeV)

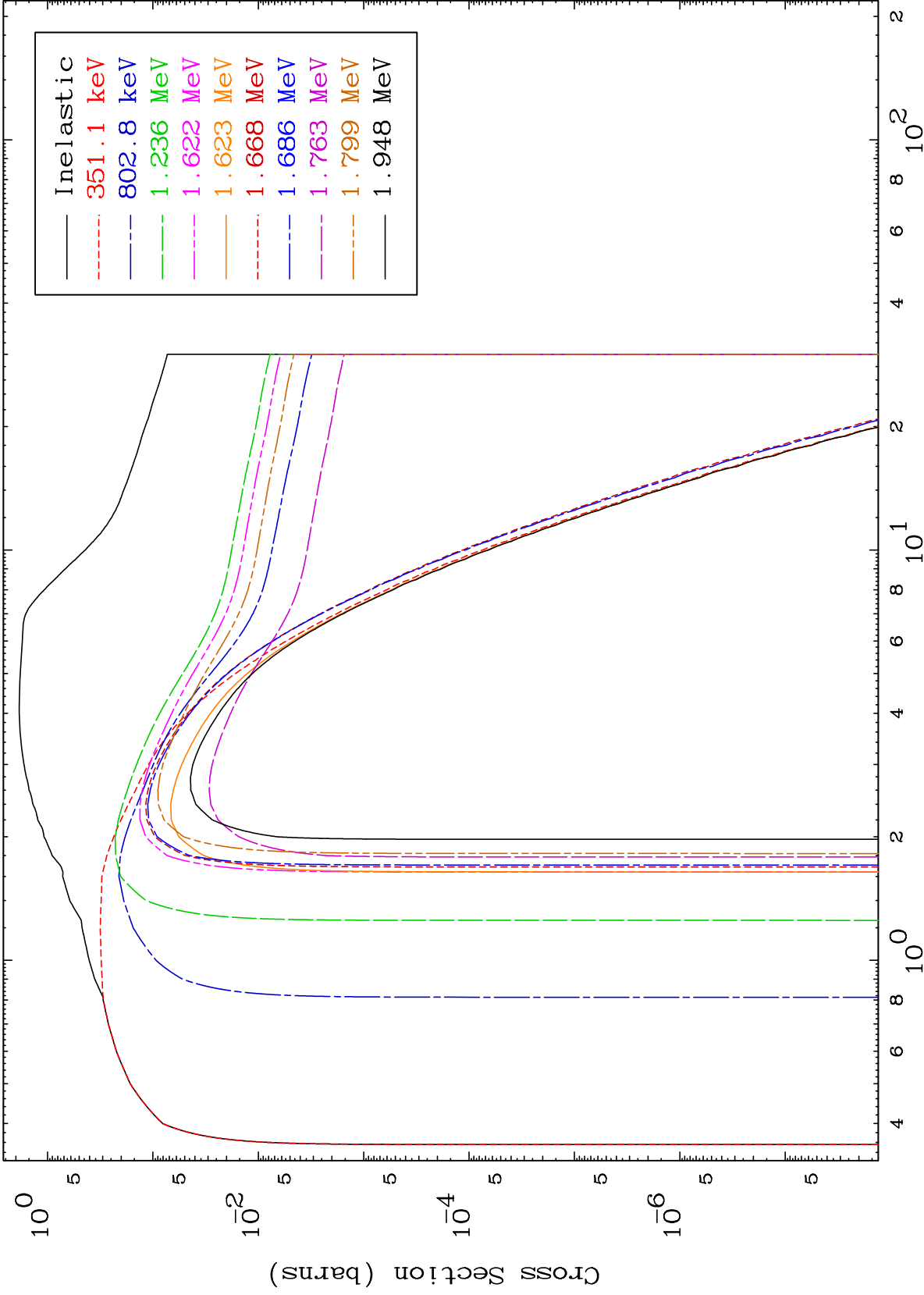
31-Ga-81

MAT 3161

(n,n') Level

31-Ga-81

293 Kelvin Cross Sections



6

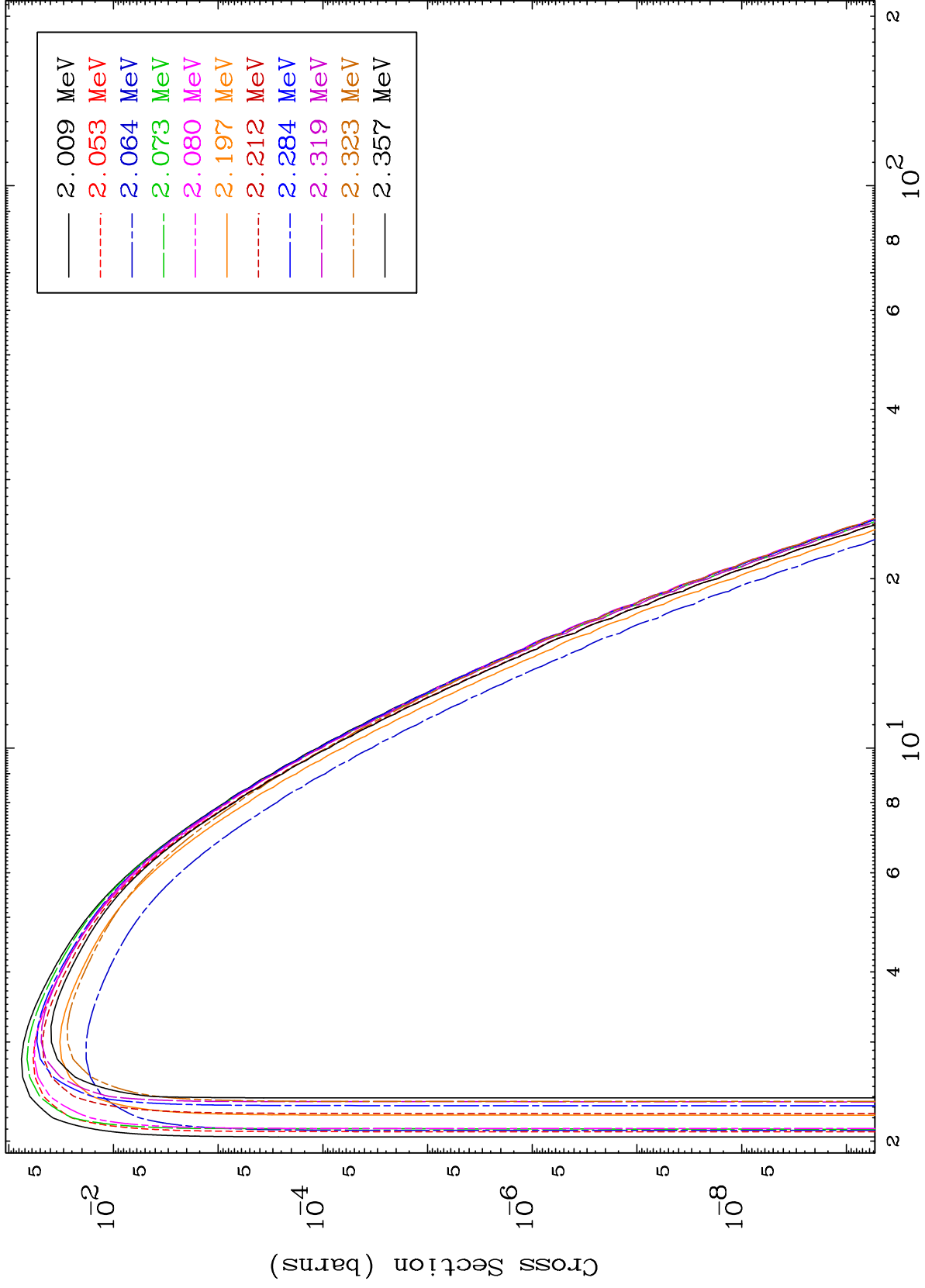
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n,n') Level
293 Kelvin Cross Sections

31-Ga-81

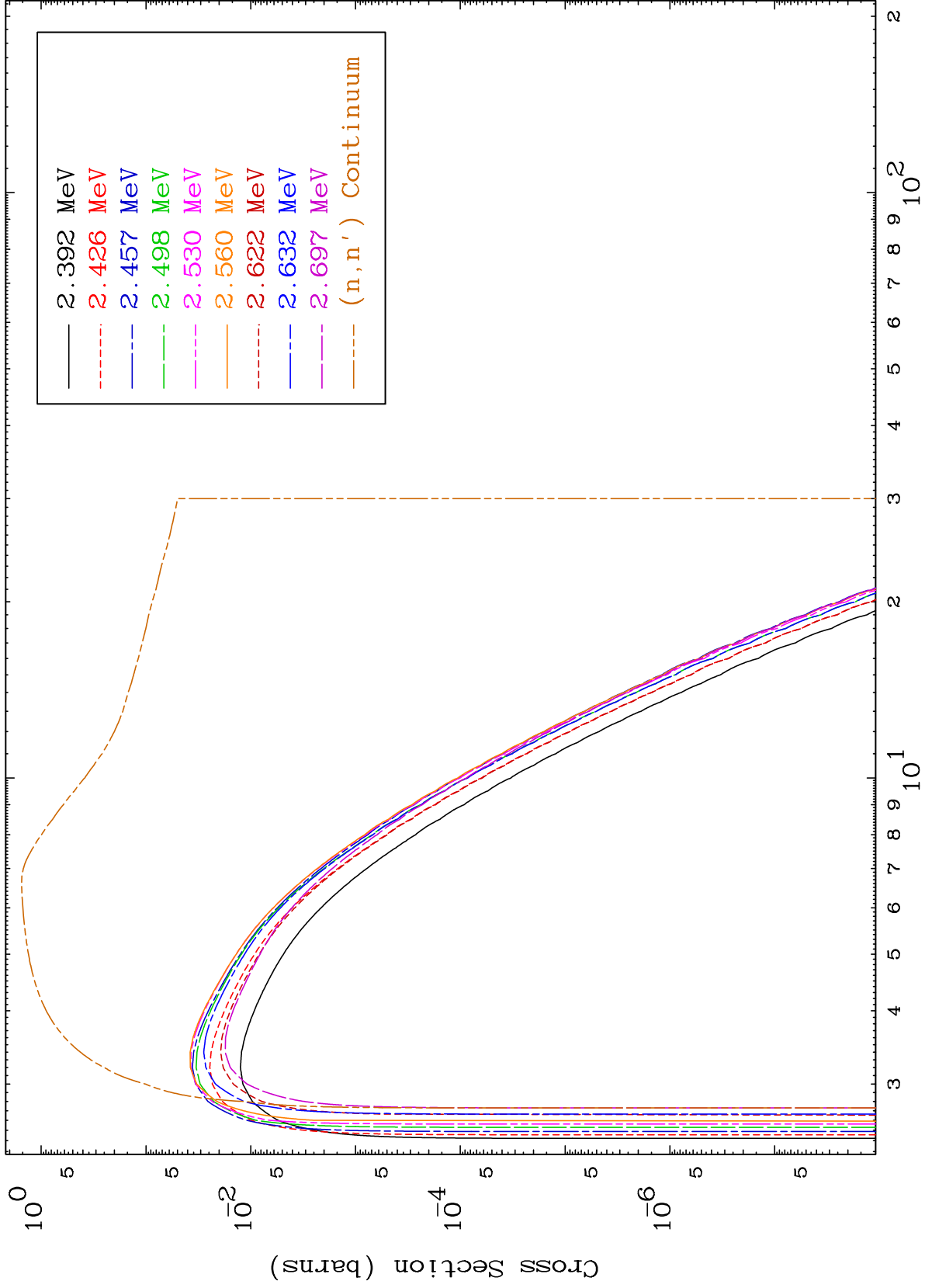


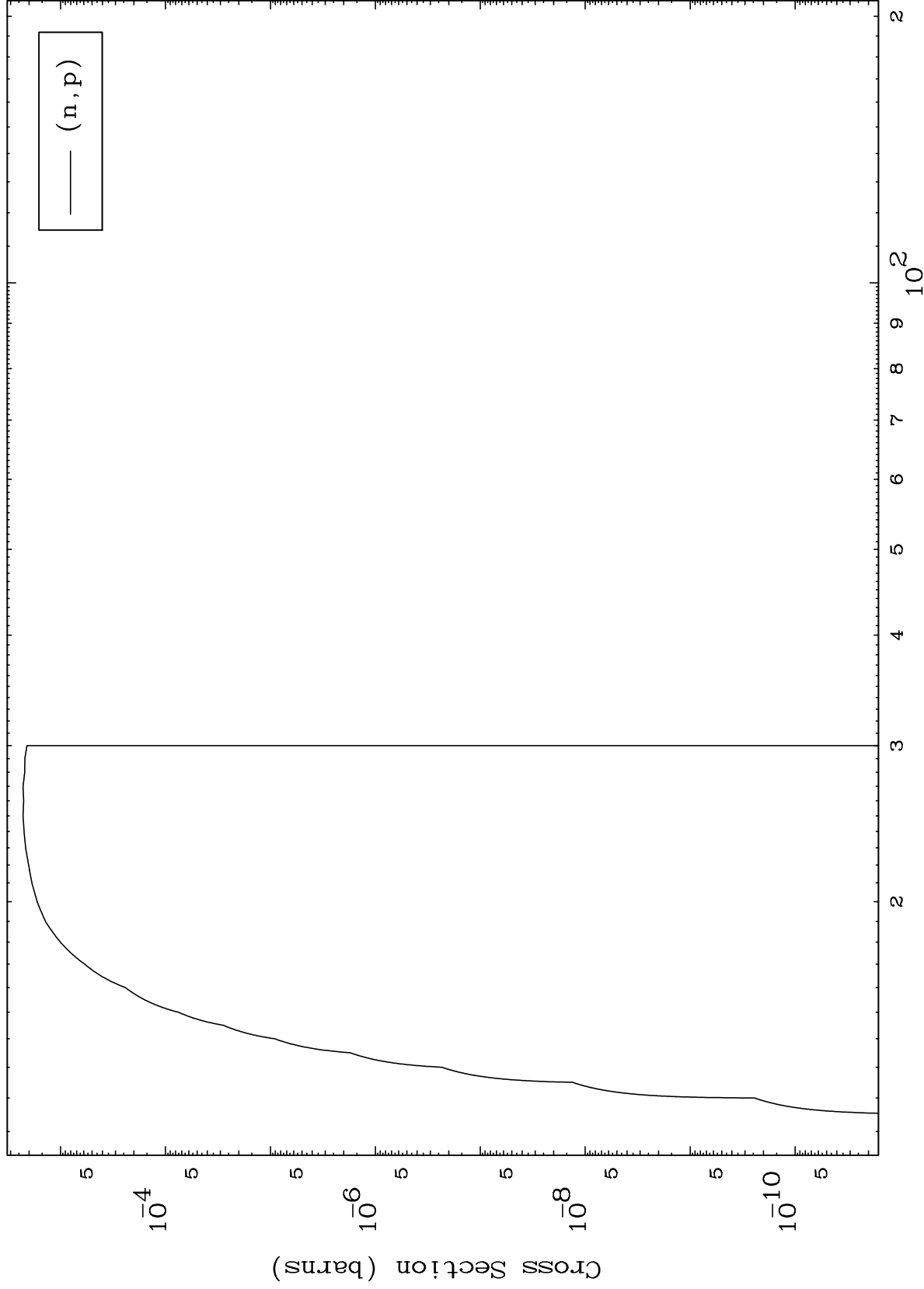
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Incident Energy (MeV)

31-Ga-81

293 Kelvin Cross Sections

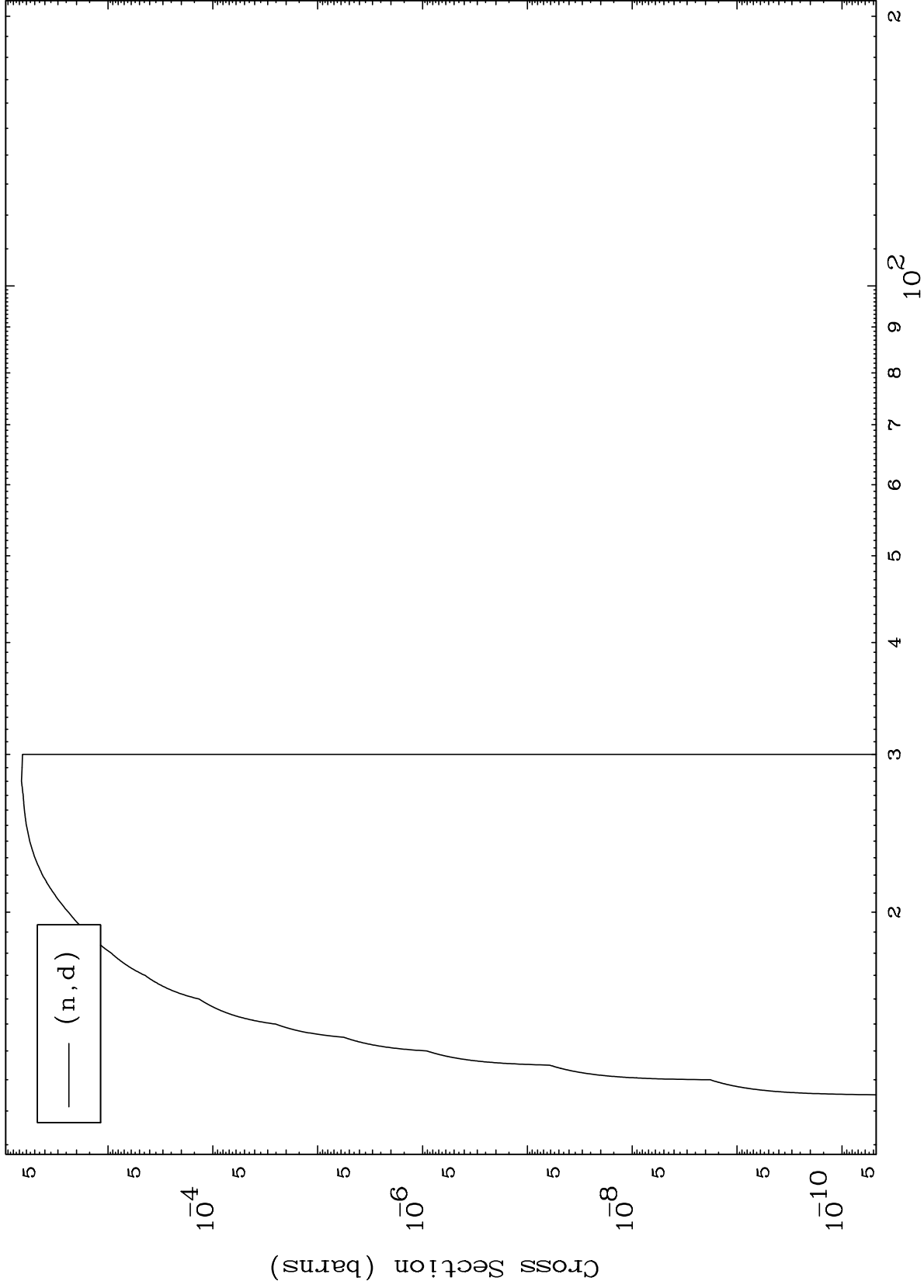




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(n,d) Levels
293 Kelvin Cross Sections

31-Ga-81



10

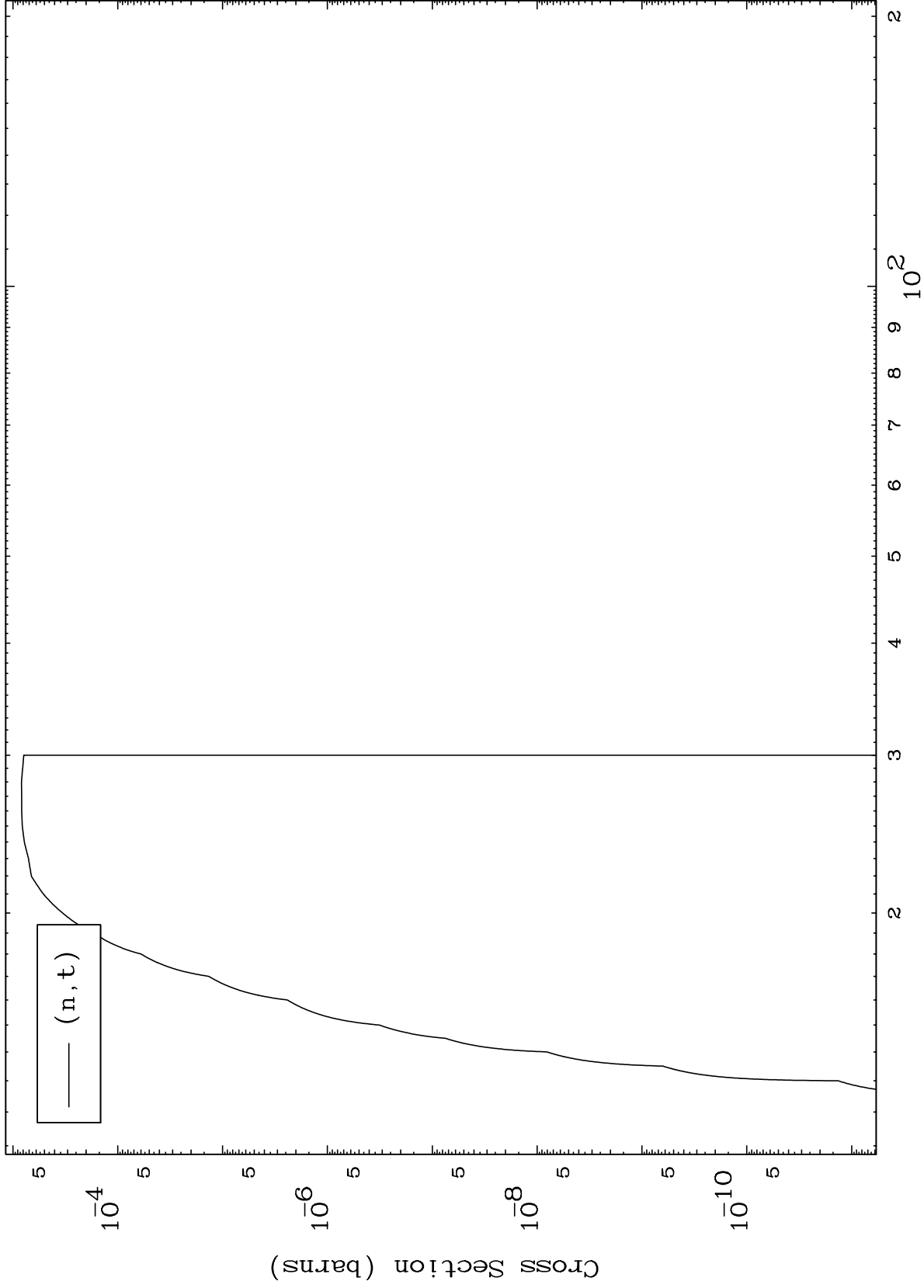
Incident Energy (MeV)

31-Ga-81

MAT 3161

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-81



11

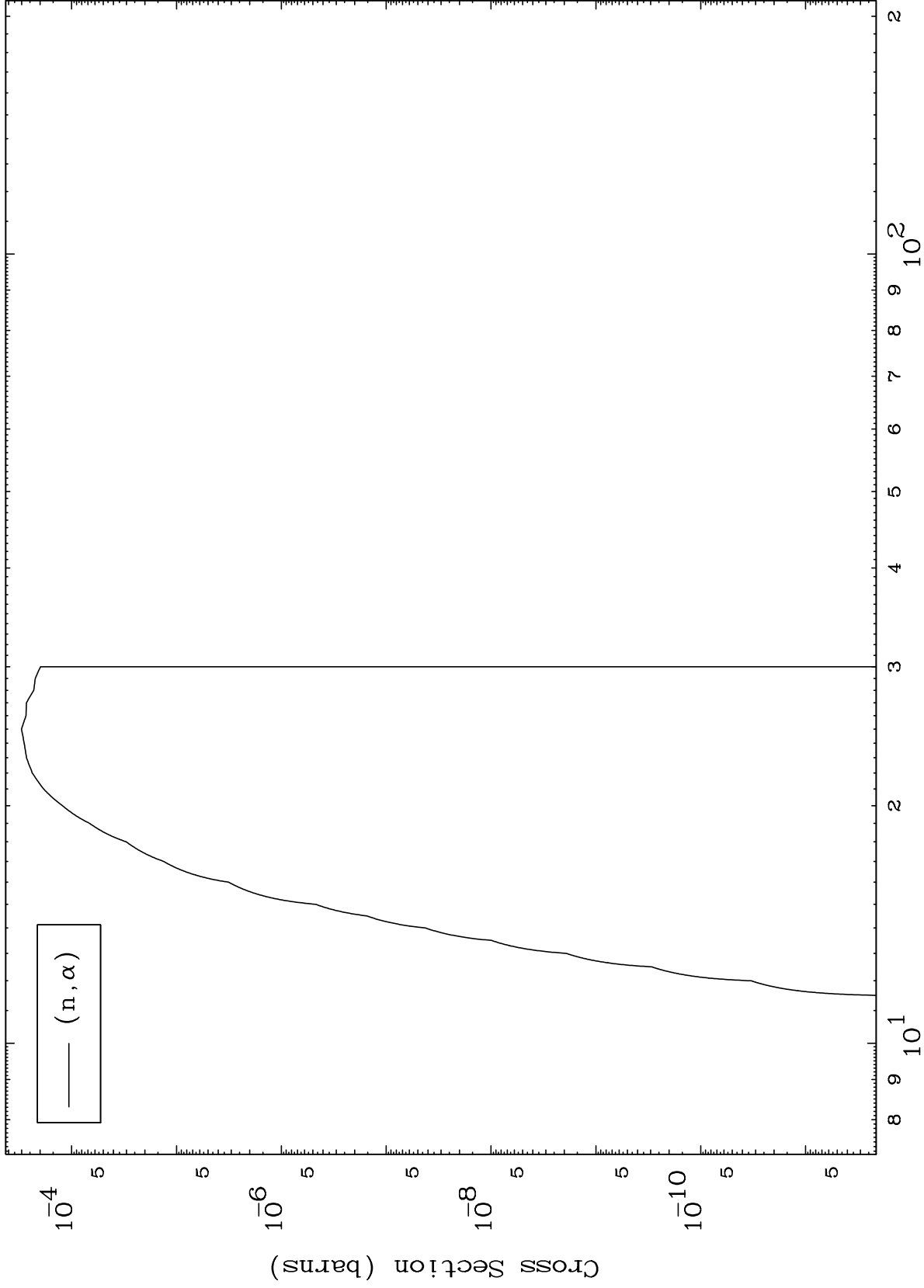
Incident Energy (MeV)

31-Ga-81

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(n, α) Levels
293 Kelvin Cross Sections

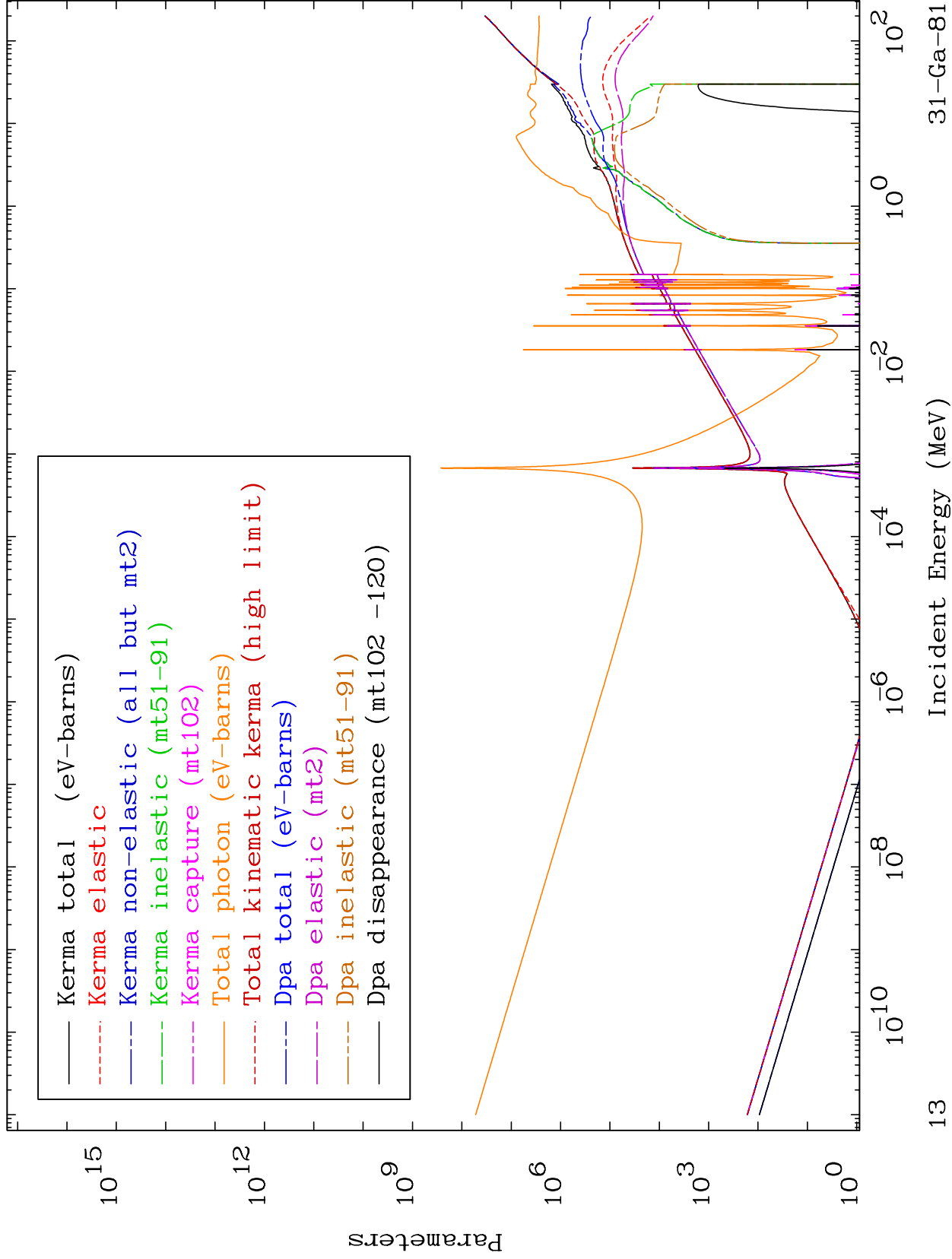
31-Ga-81

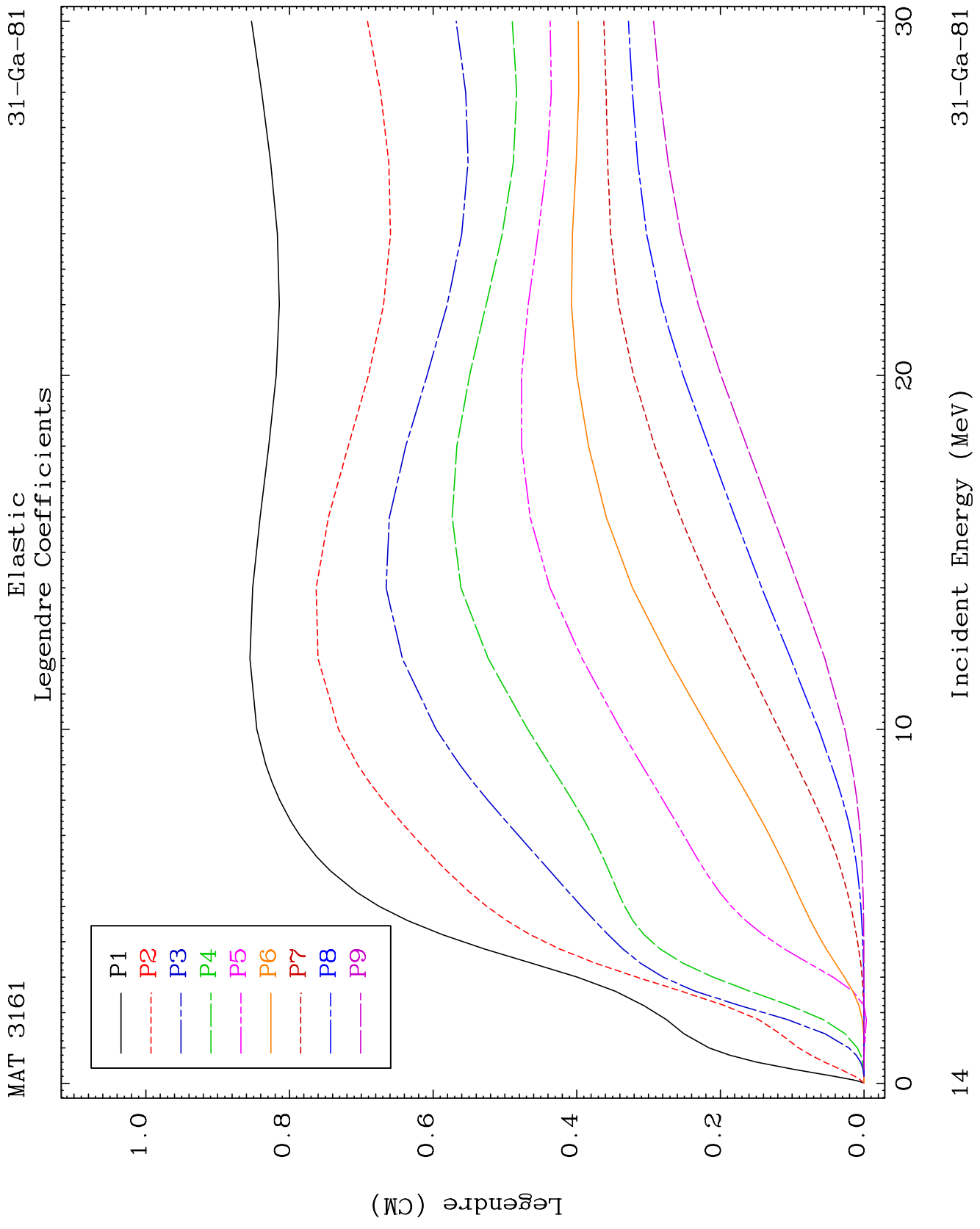


12

Incident Energy (MeV)

31-Ga-81





14

Incident Energy (MeV)

30

20

10

0

1.0

0.8

0.6

0.4

0.2

0.0

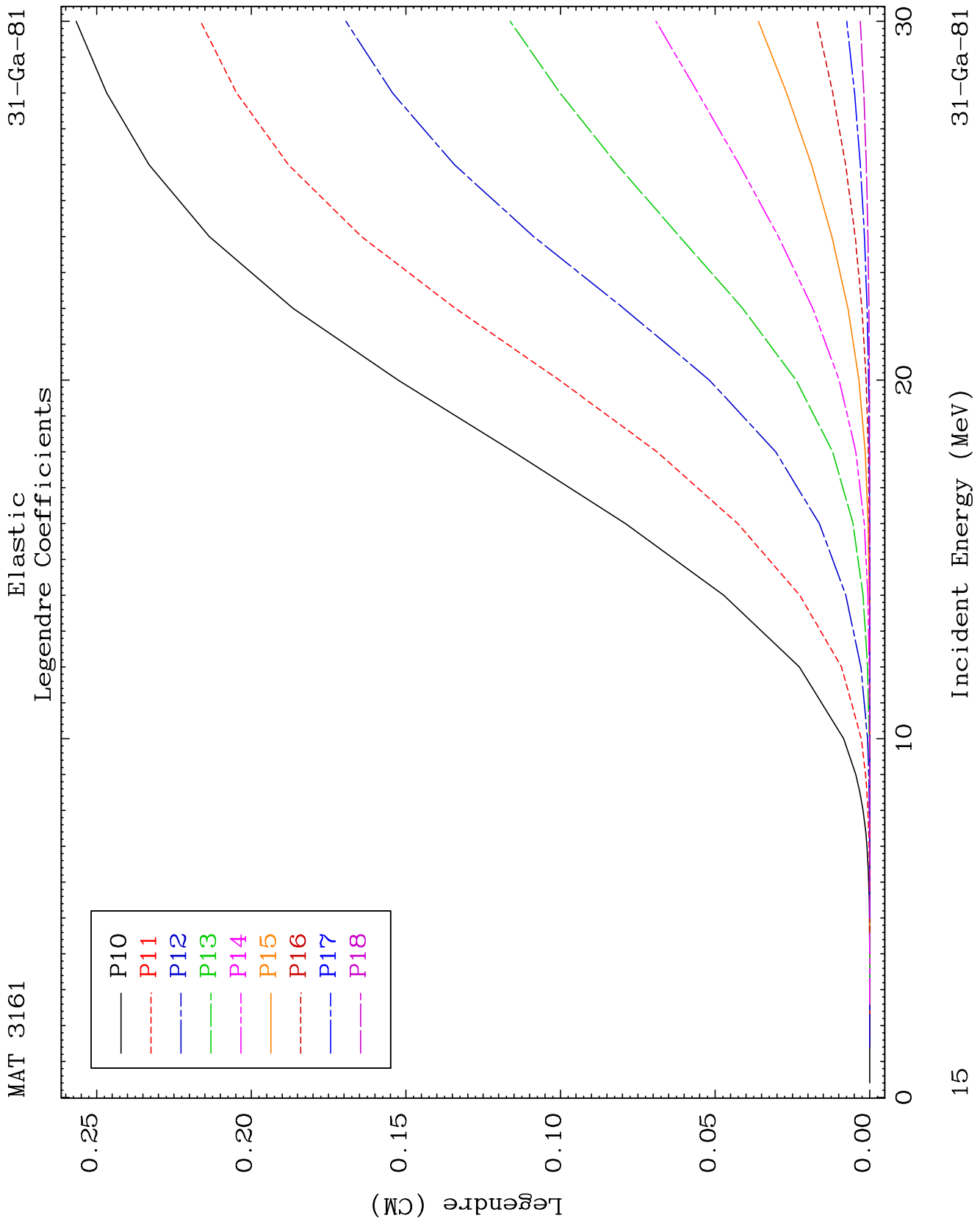
Legendre (CM)

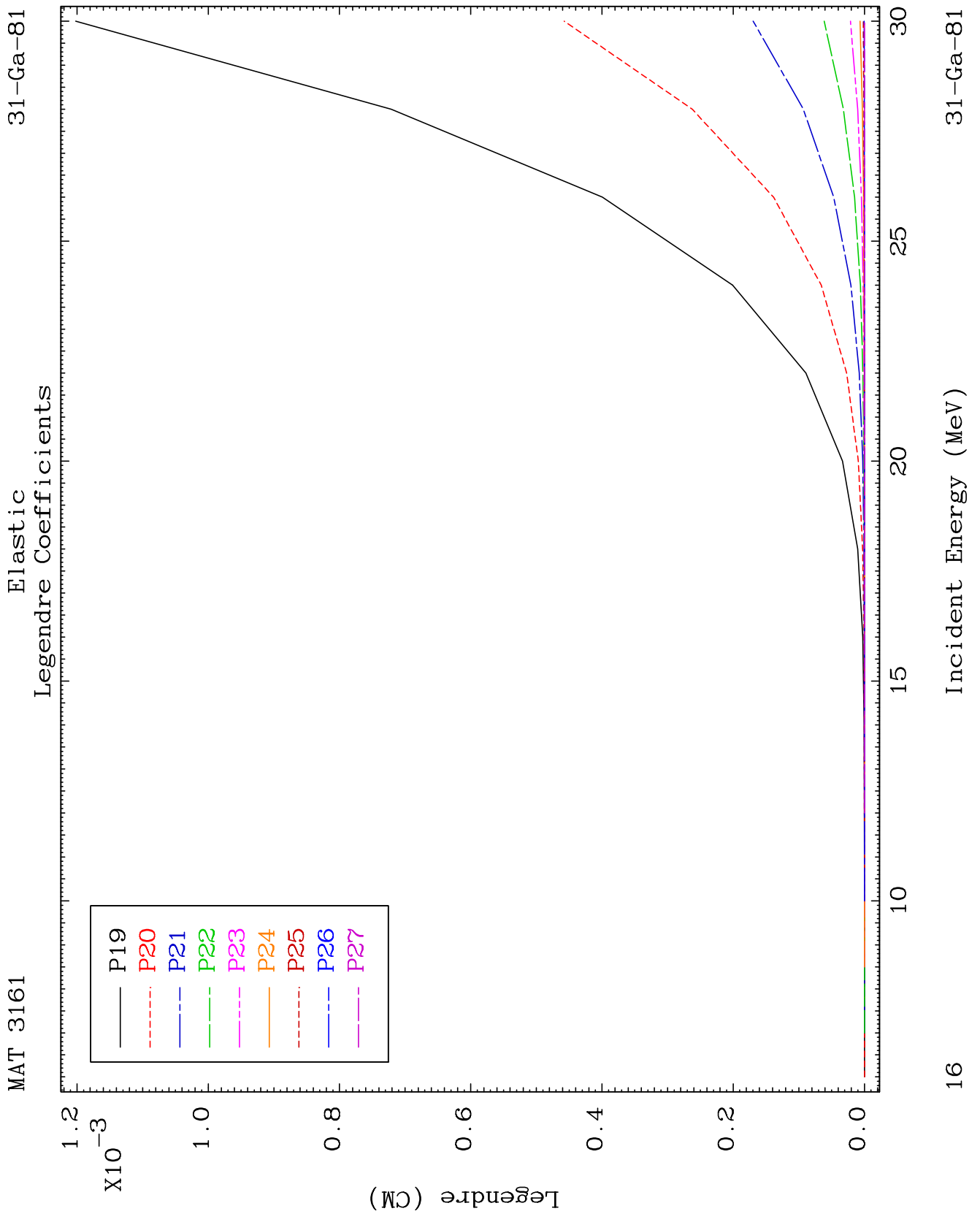
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Elastic Legendre Coefficients

31-Ga-81

31-Ga-81

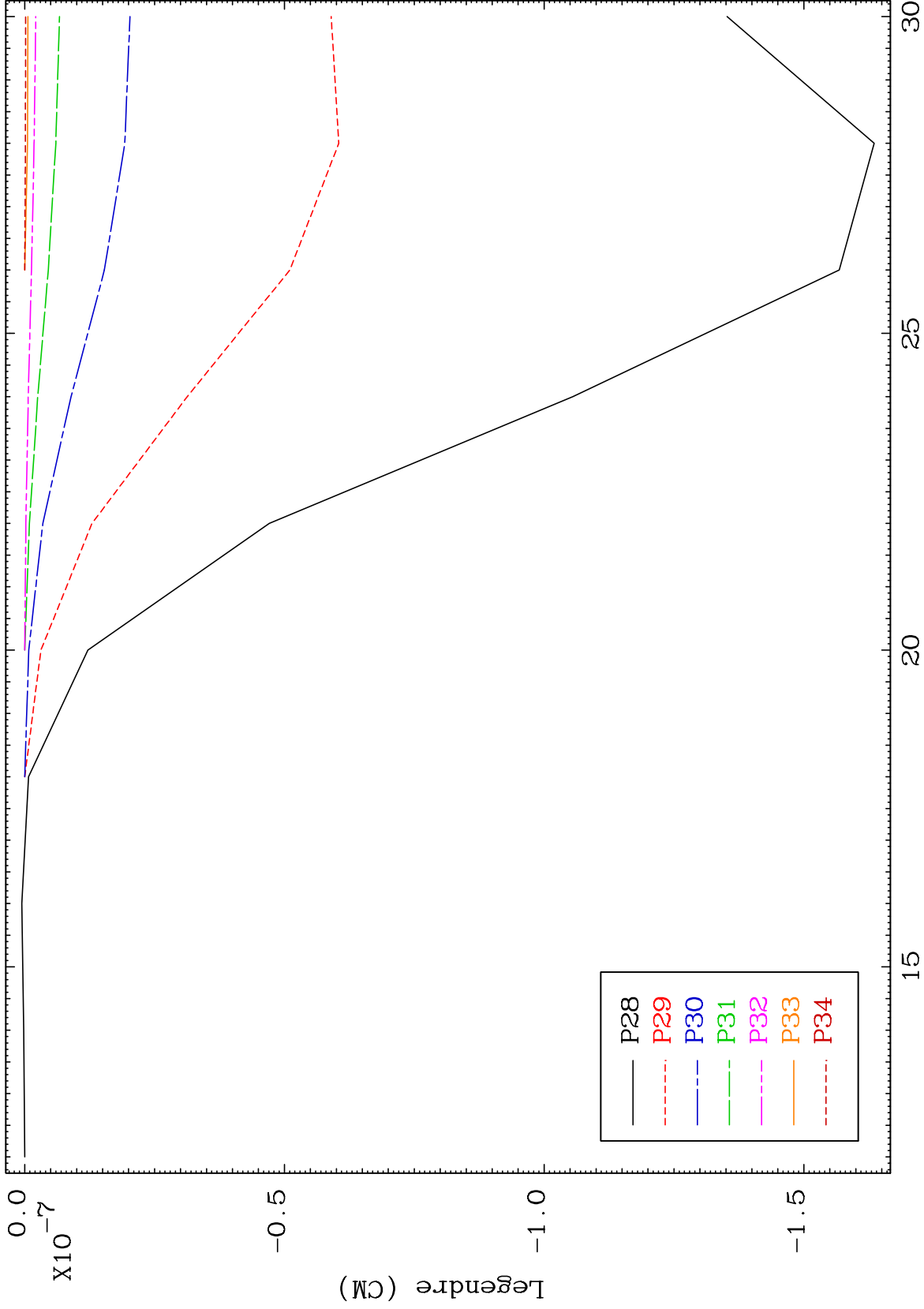




MAT 3161

31-Ga-81

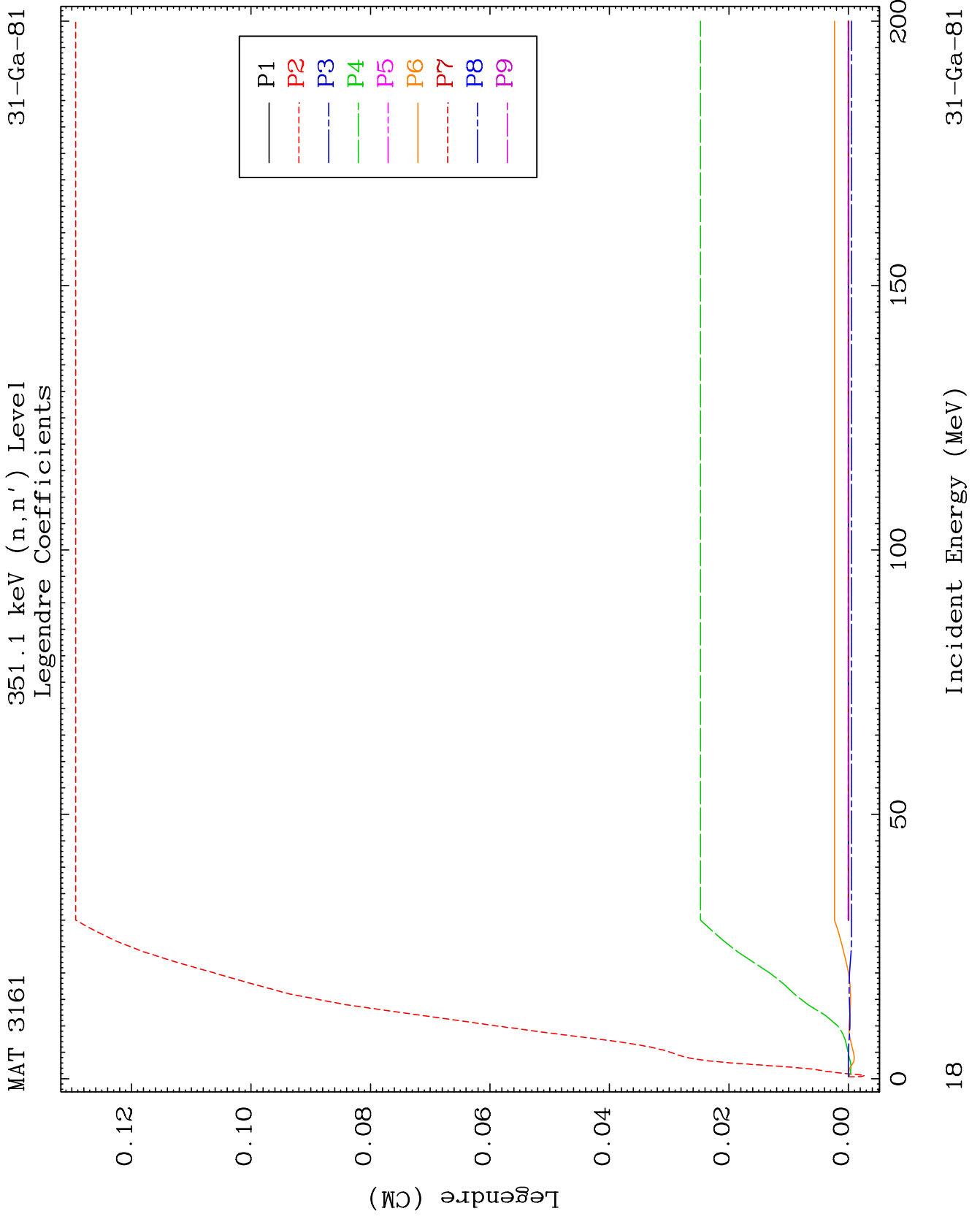
Elastic Legendre Coefficients

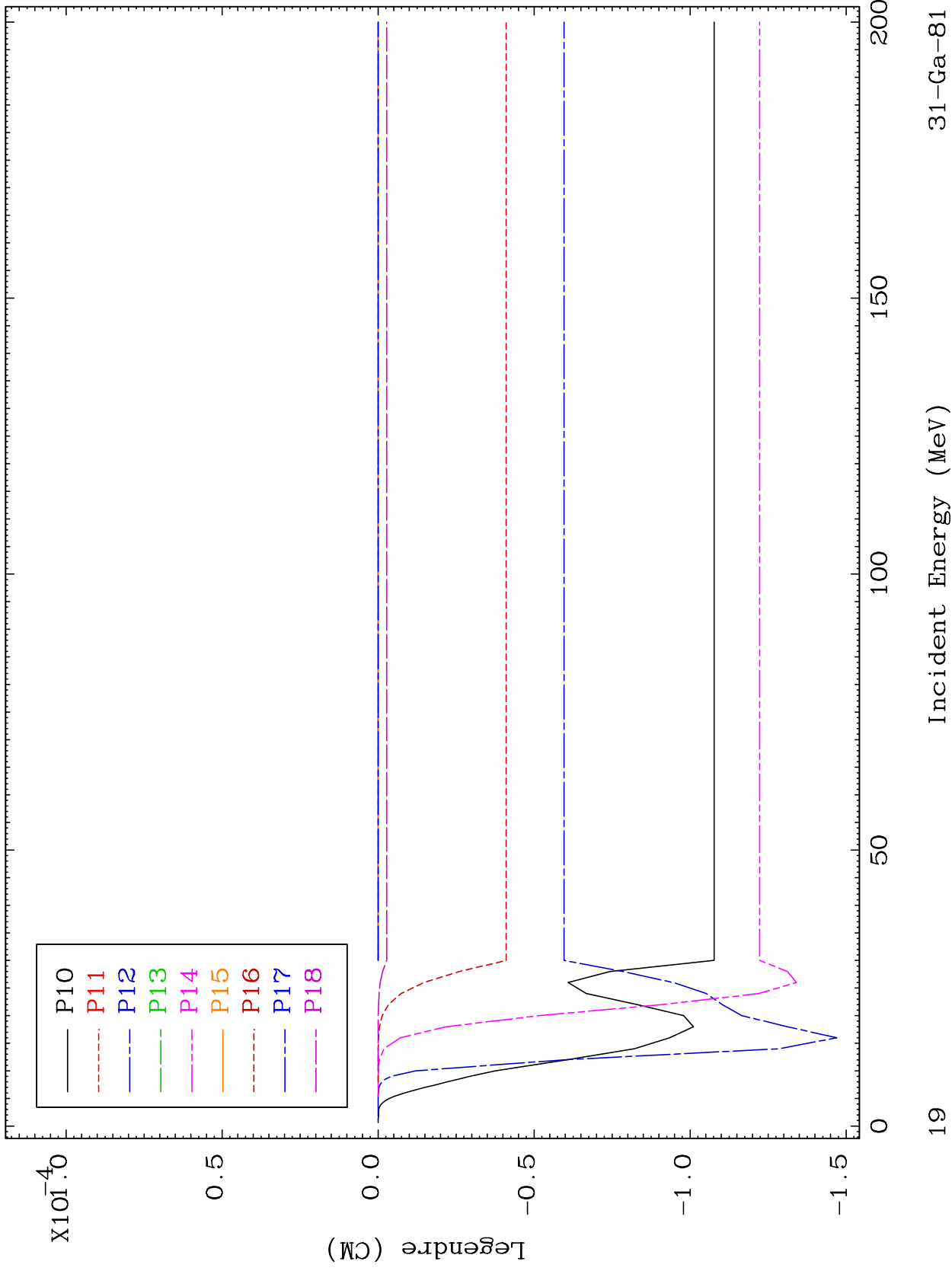


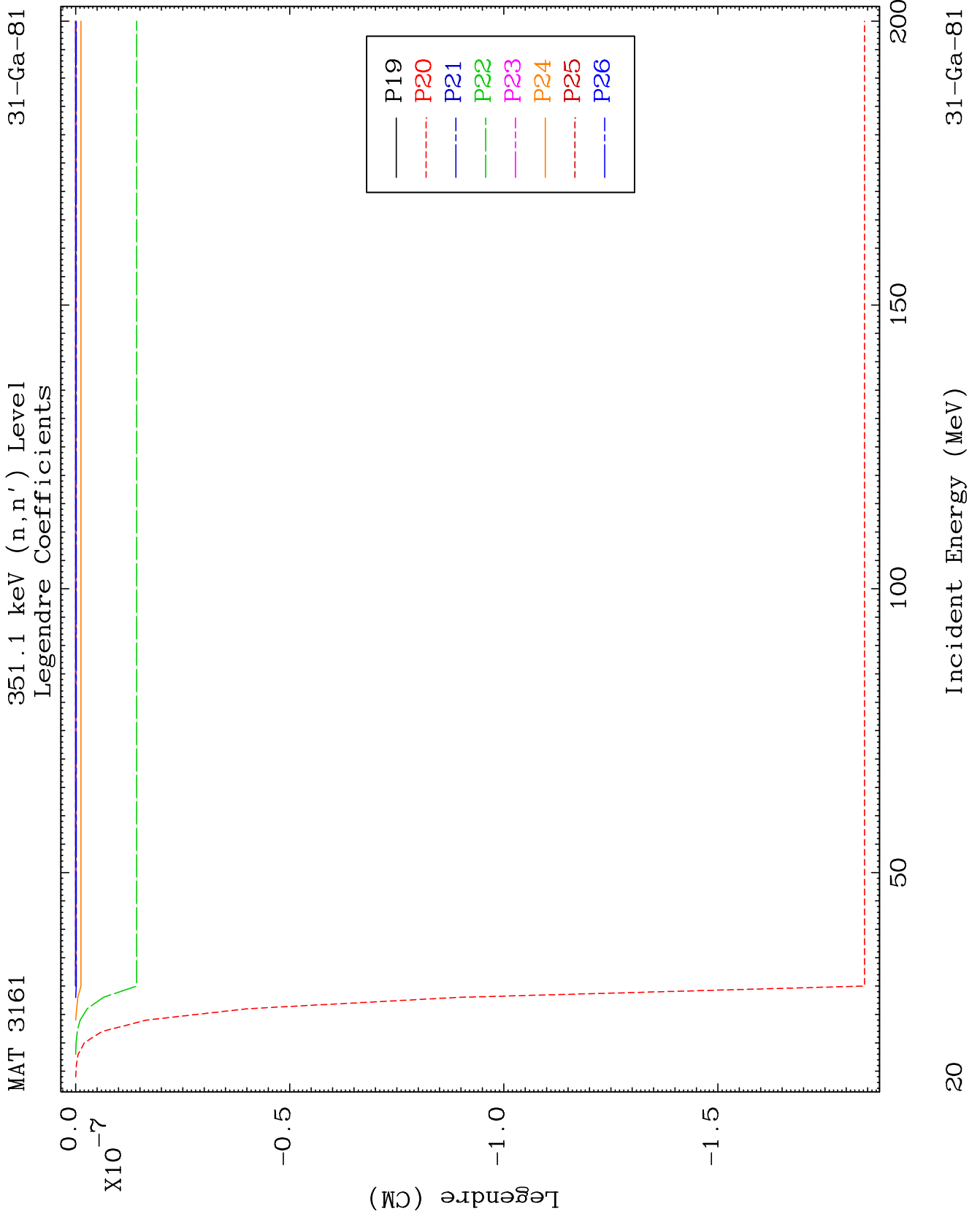
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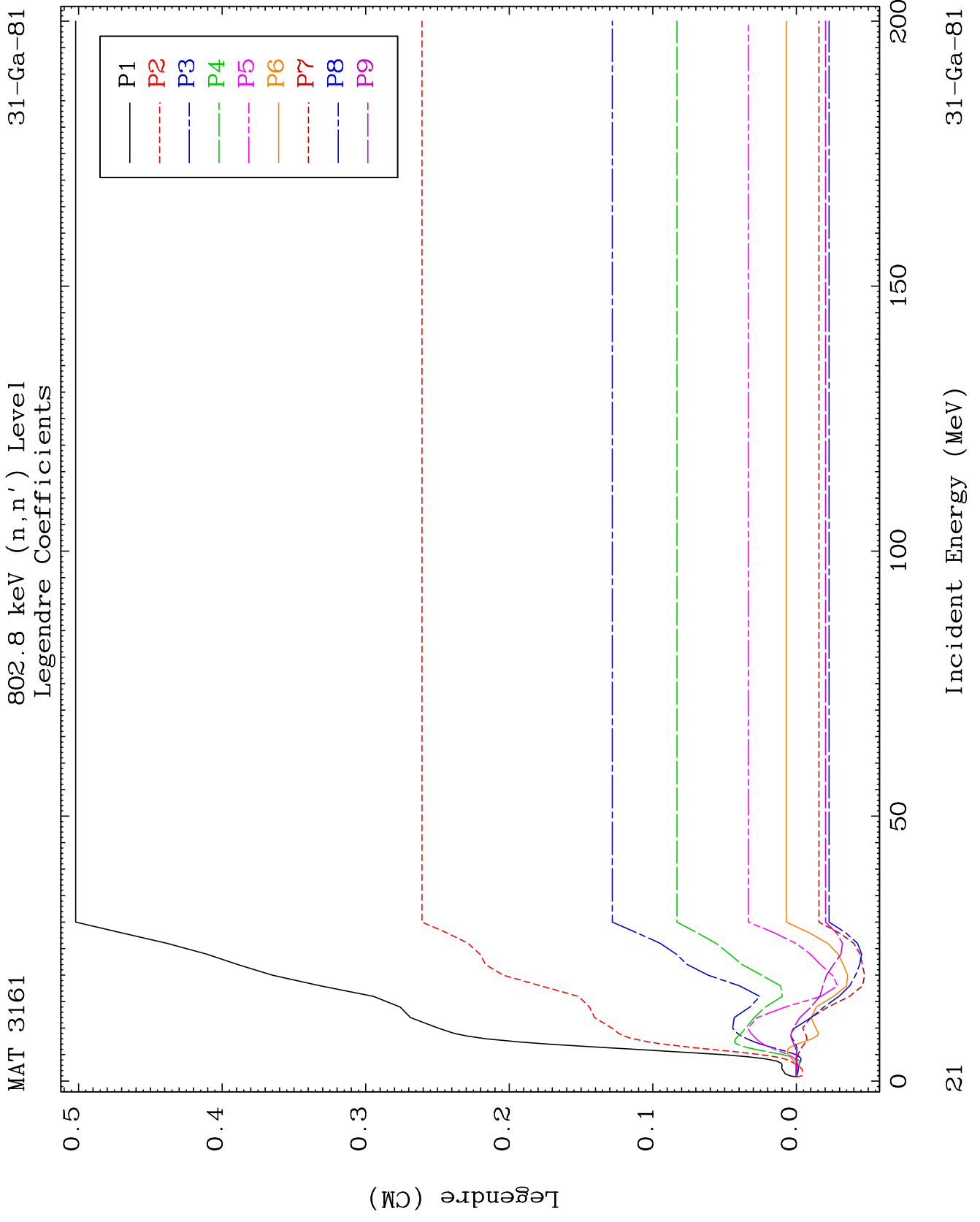
Incident Energy (MeV)

31-Ga-81





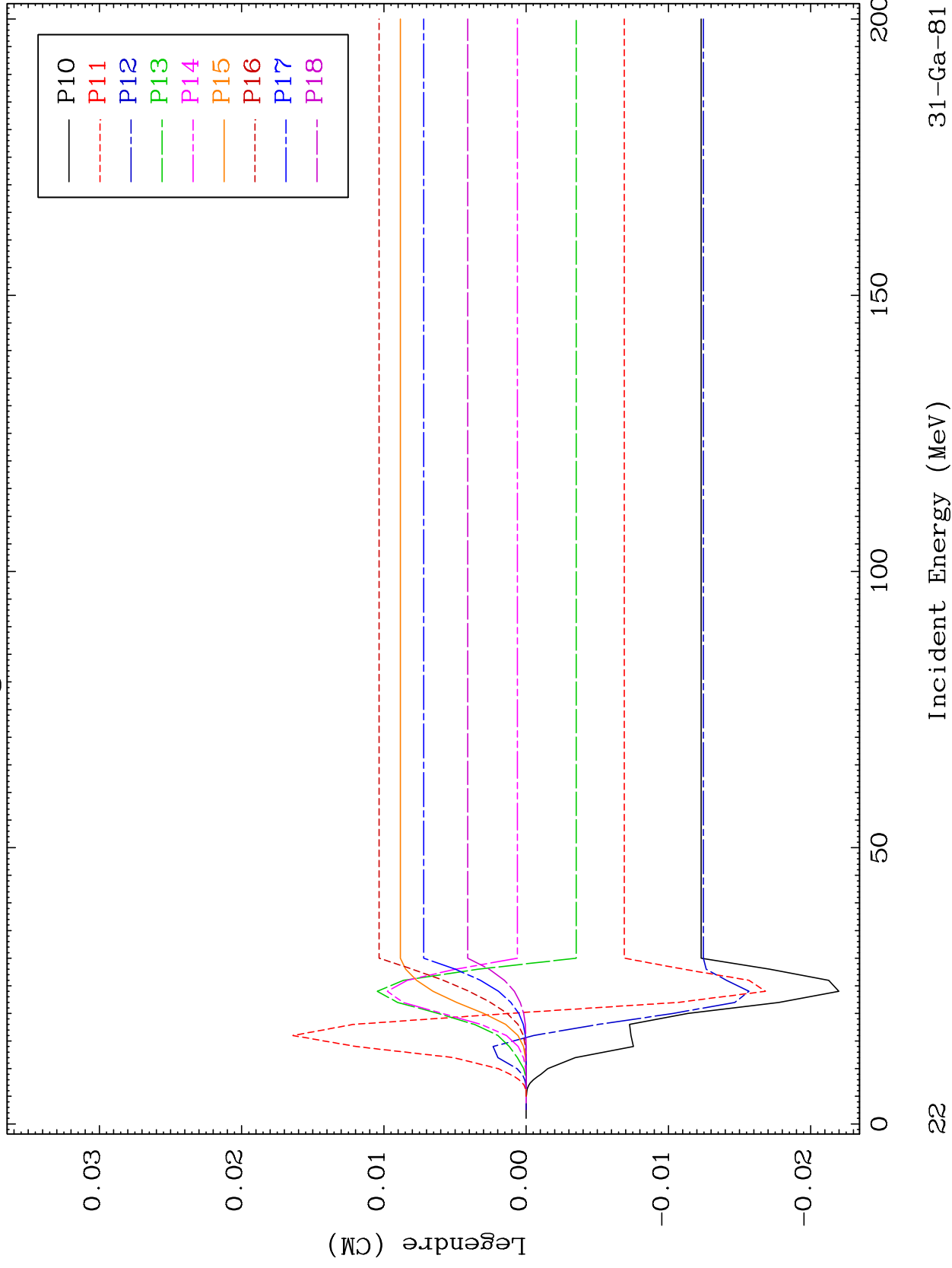




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802.8 keV (n,n') Level
Legendre Coefficients

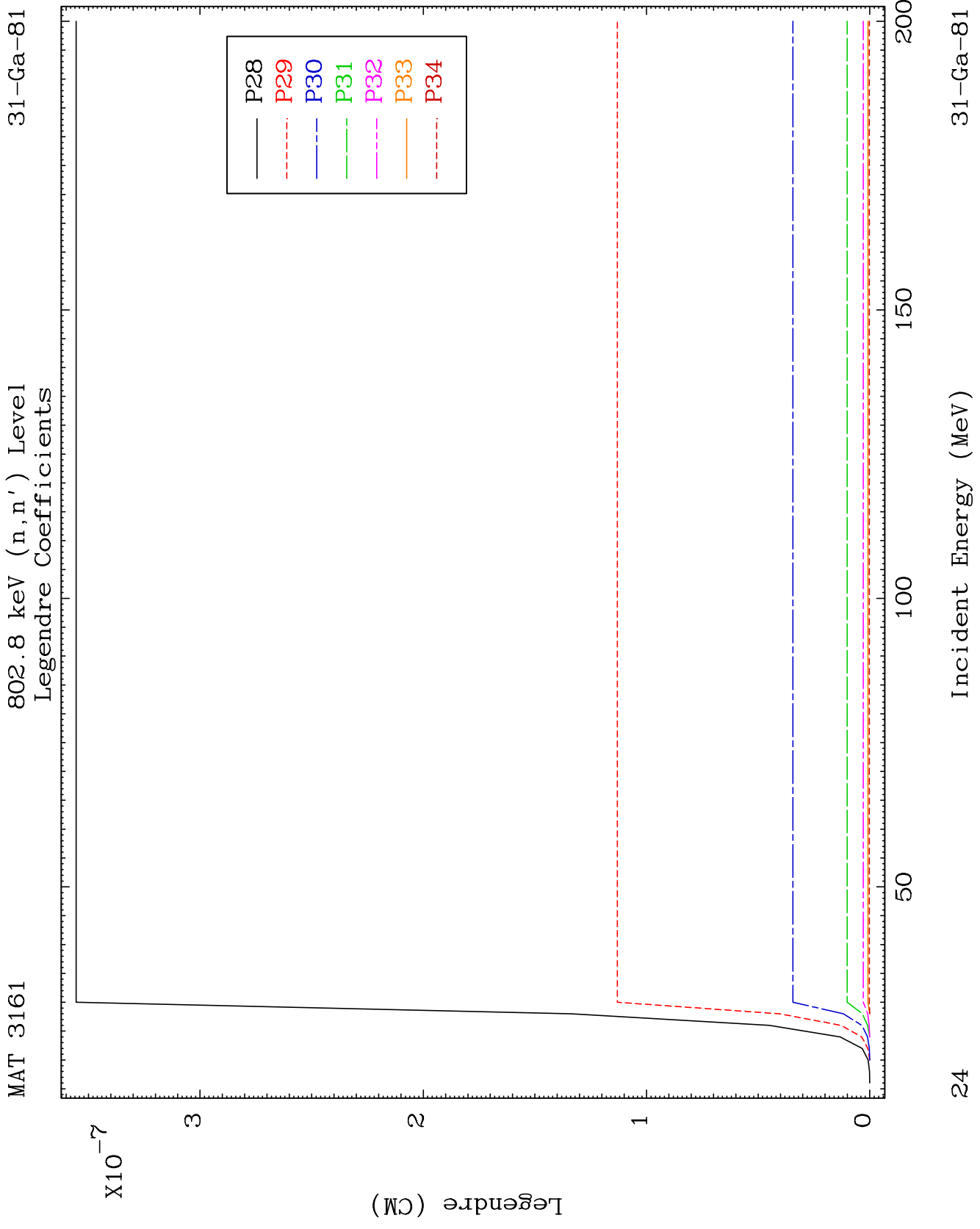
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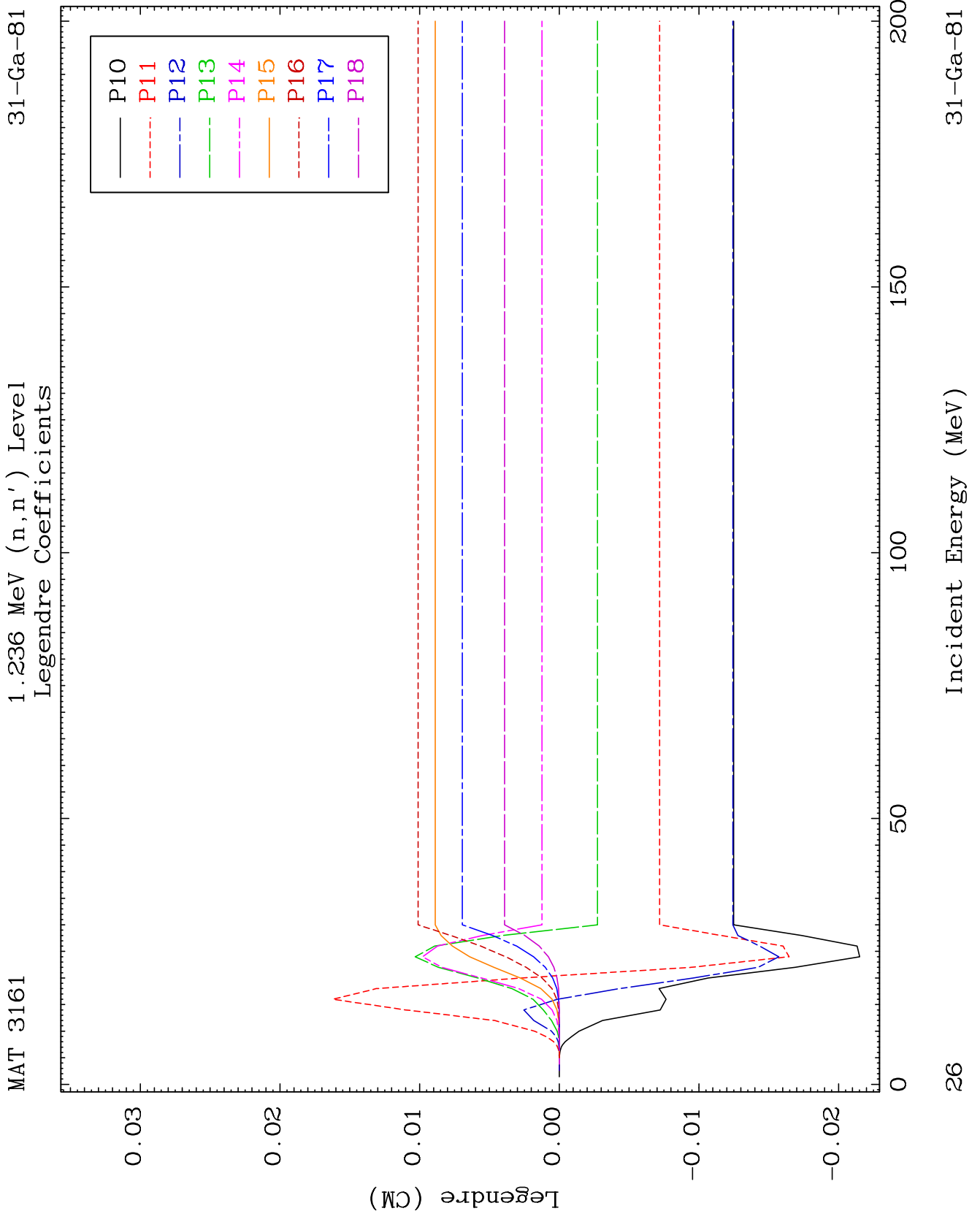


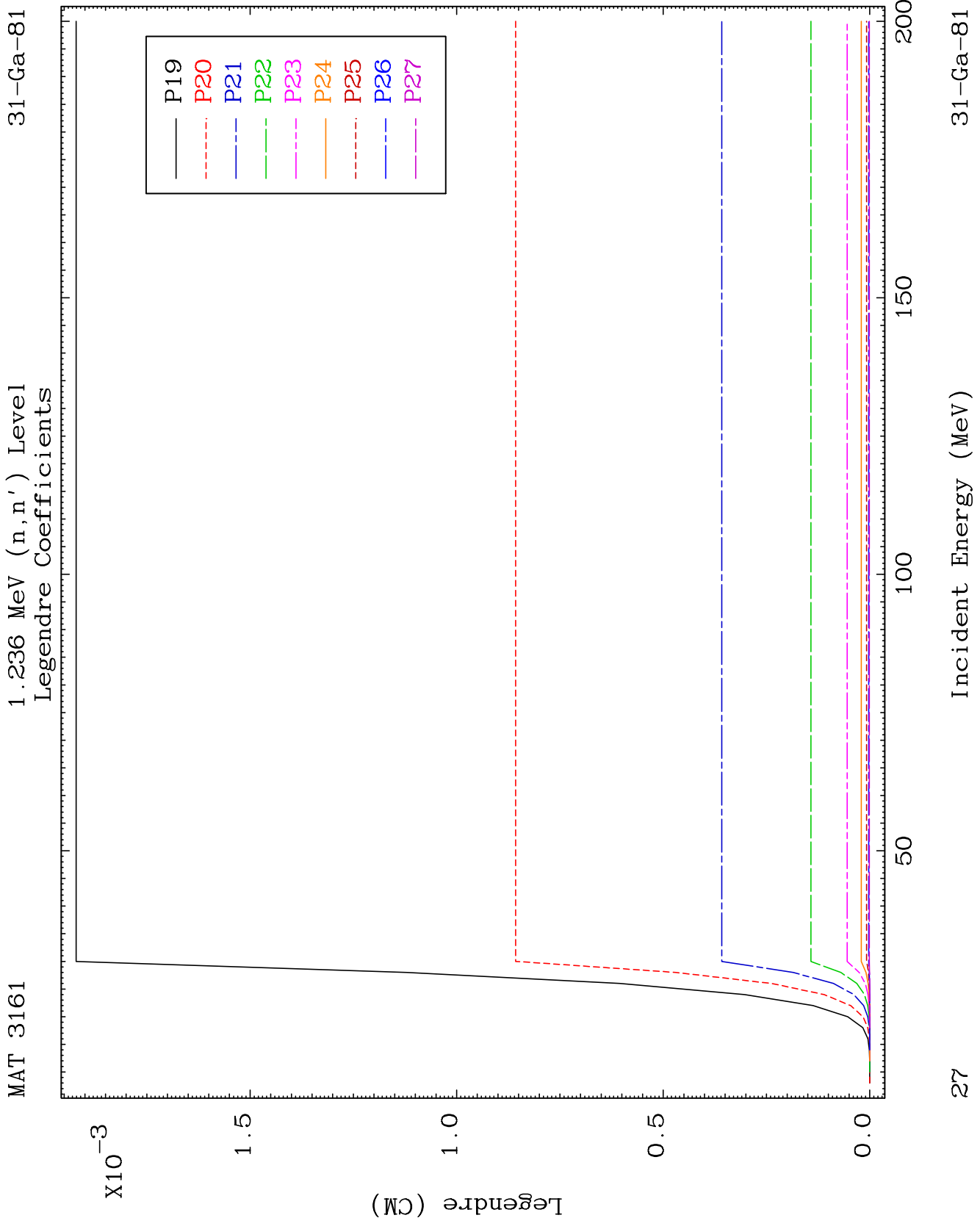
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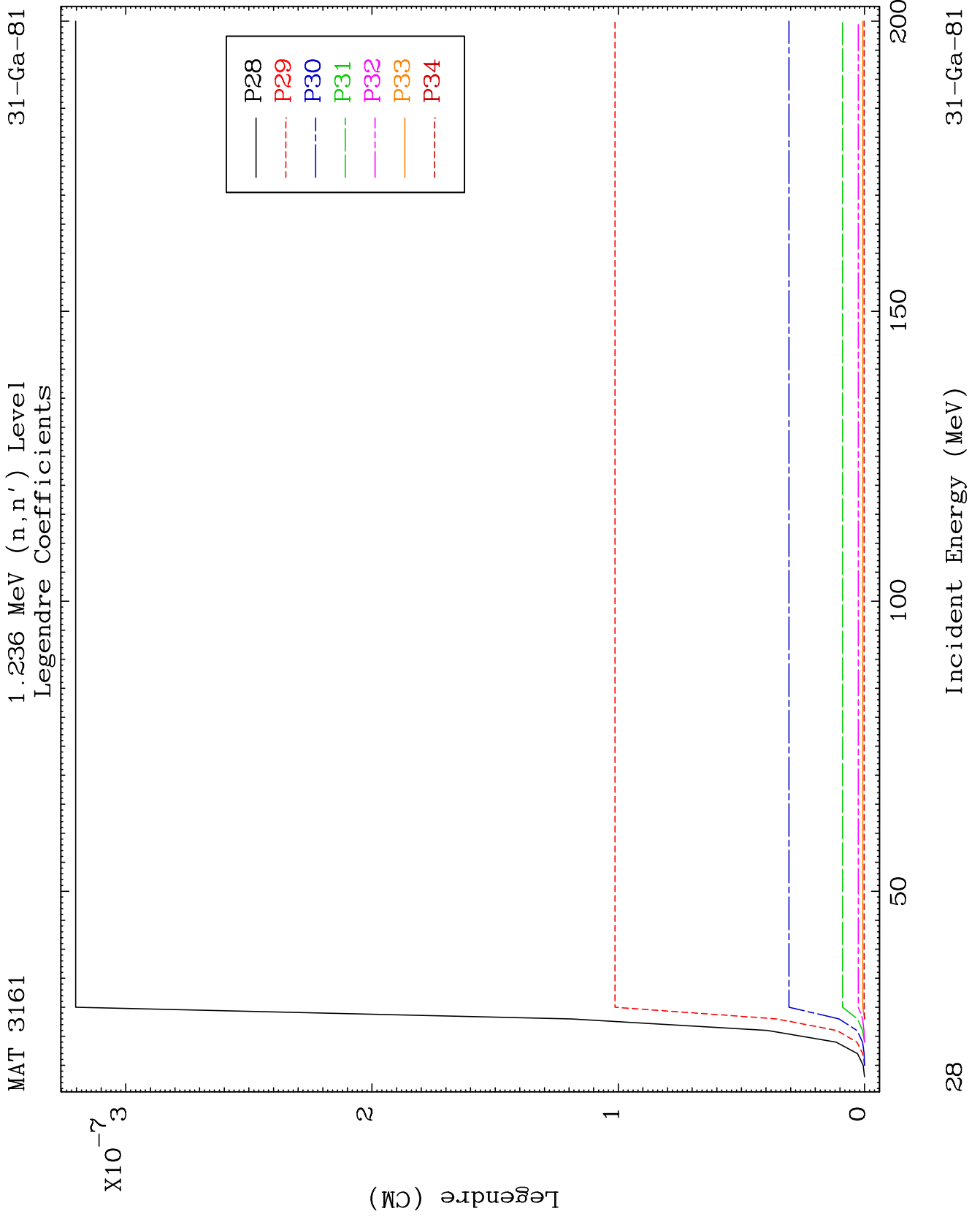
Incident Energy (MeV)

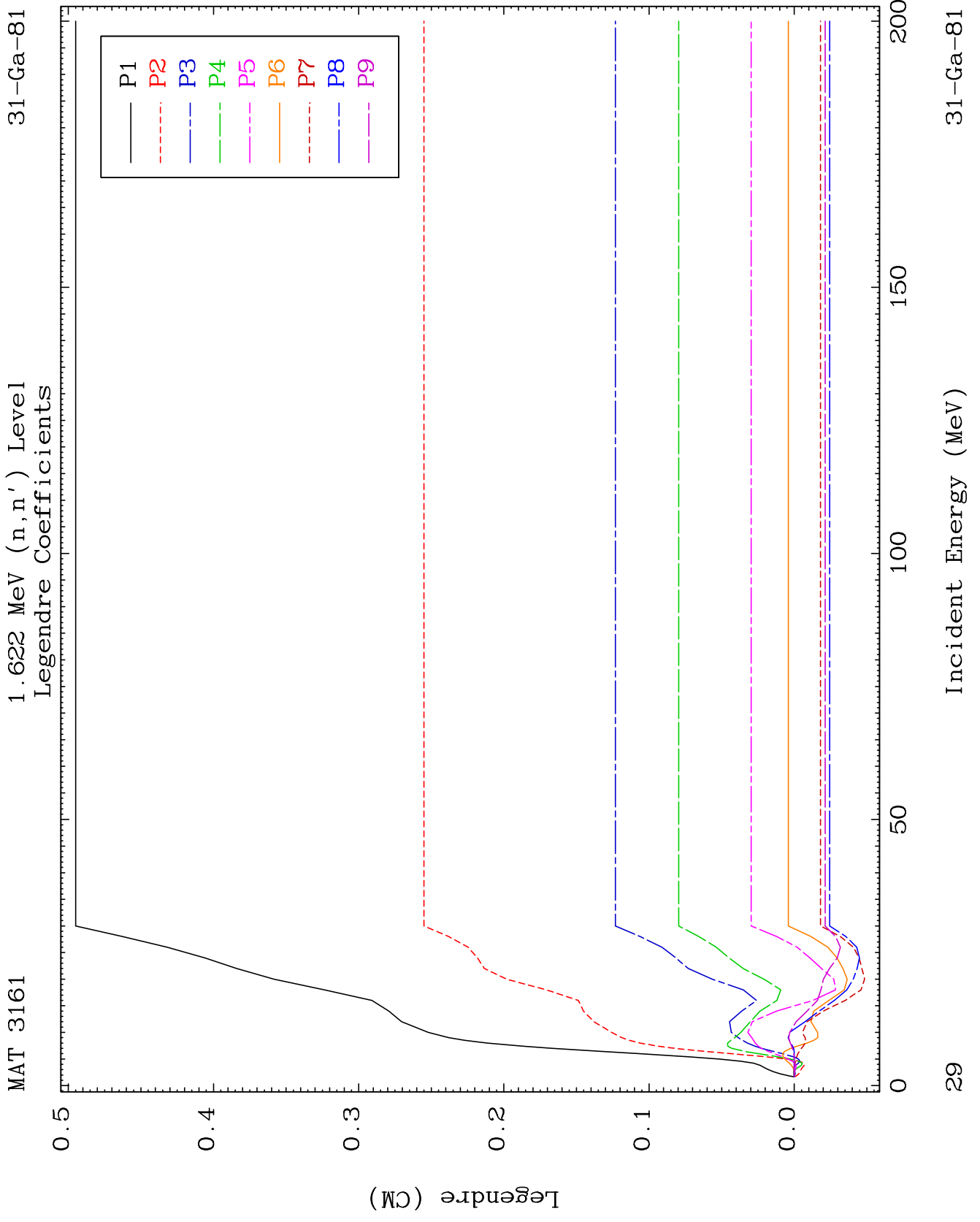
31-Ga-81

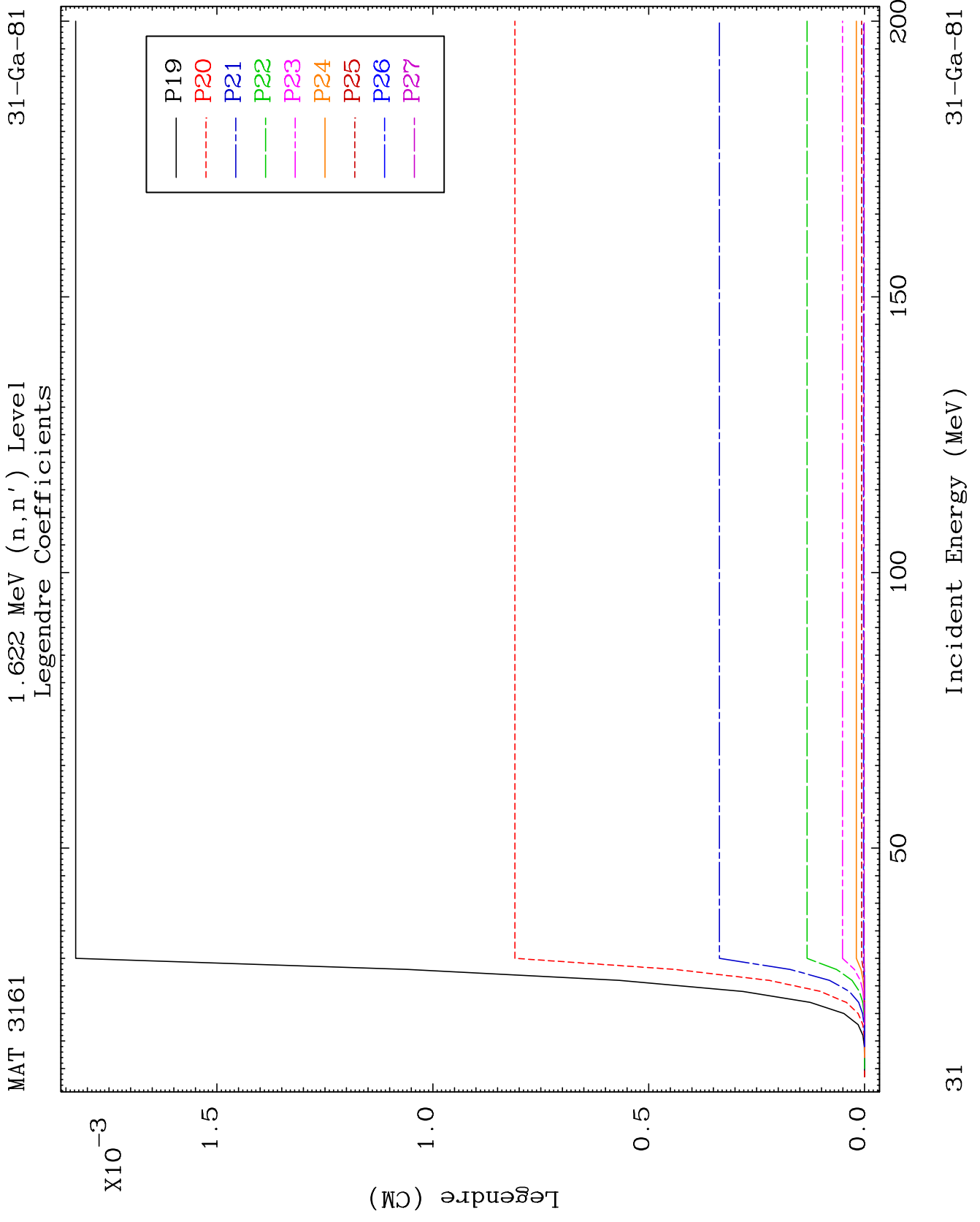


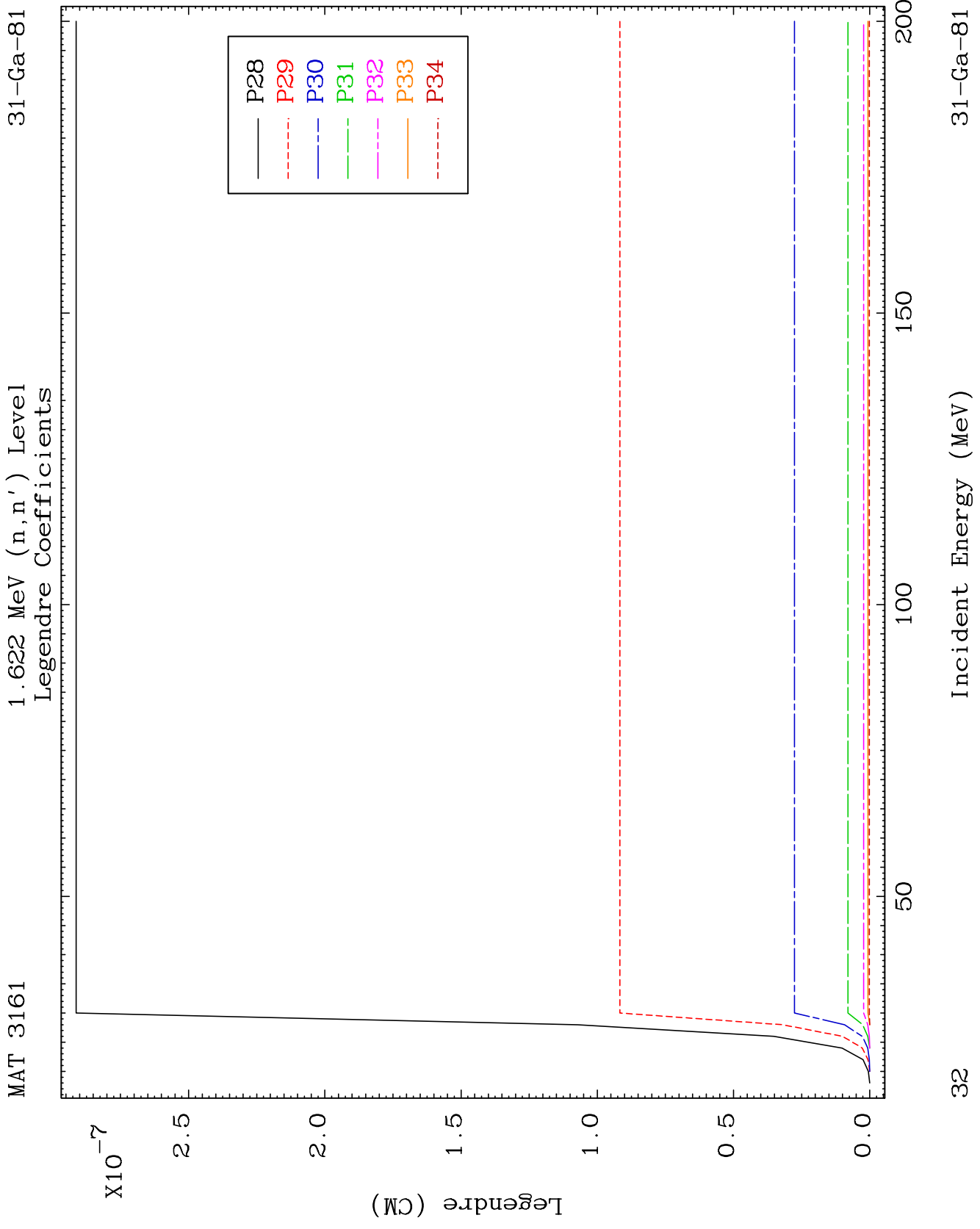








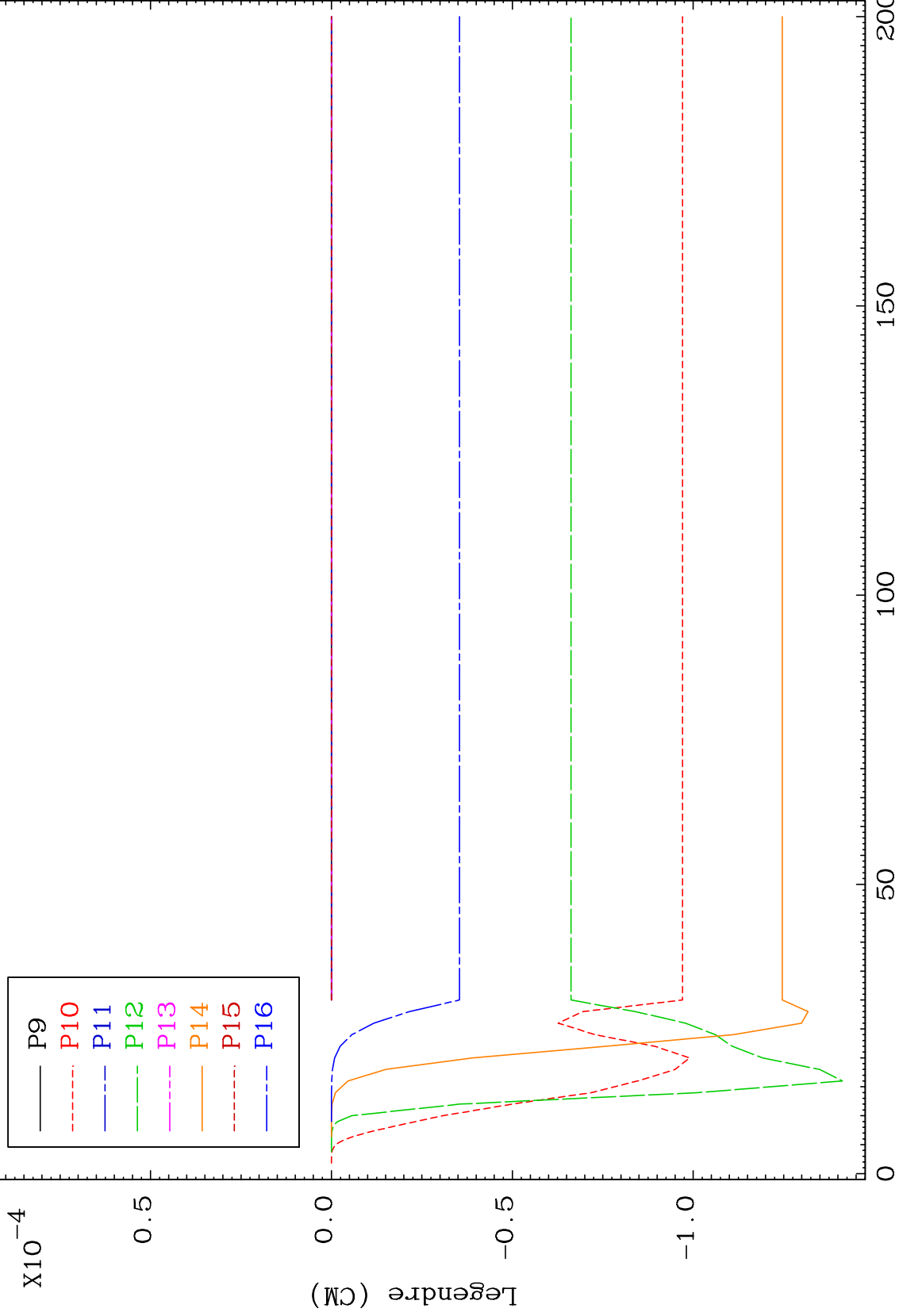
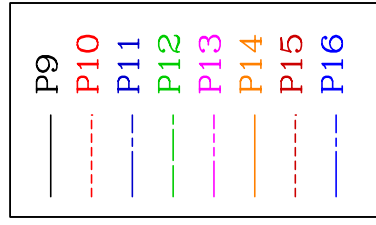




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1.623 MeV (n,n') Level
Legendre Coefficients

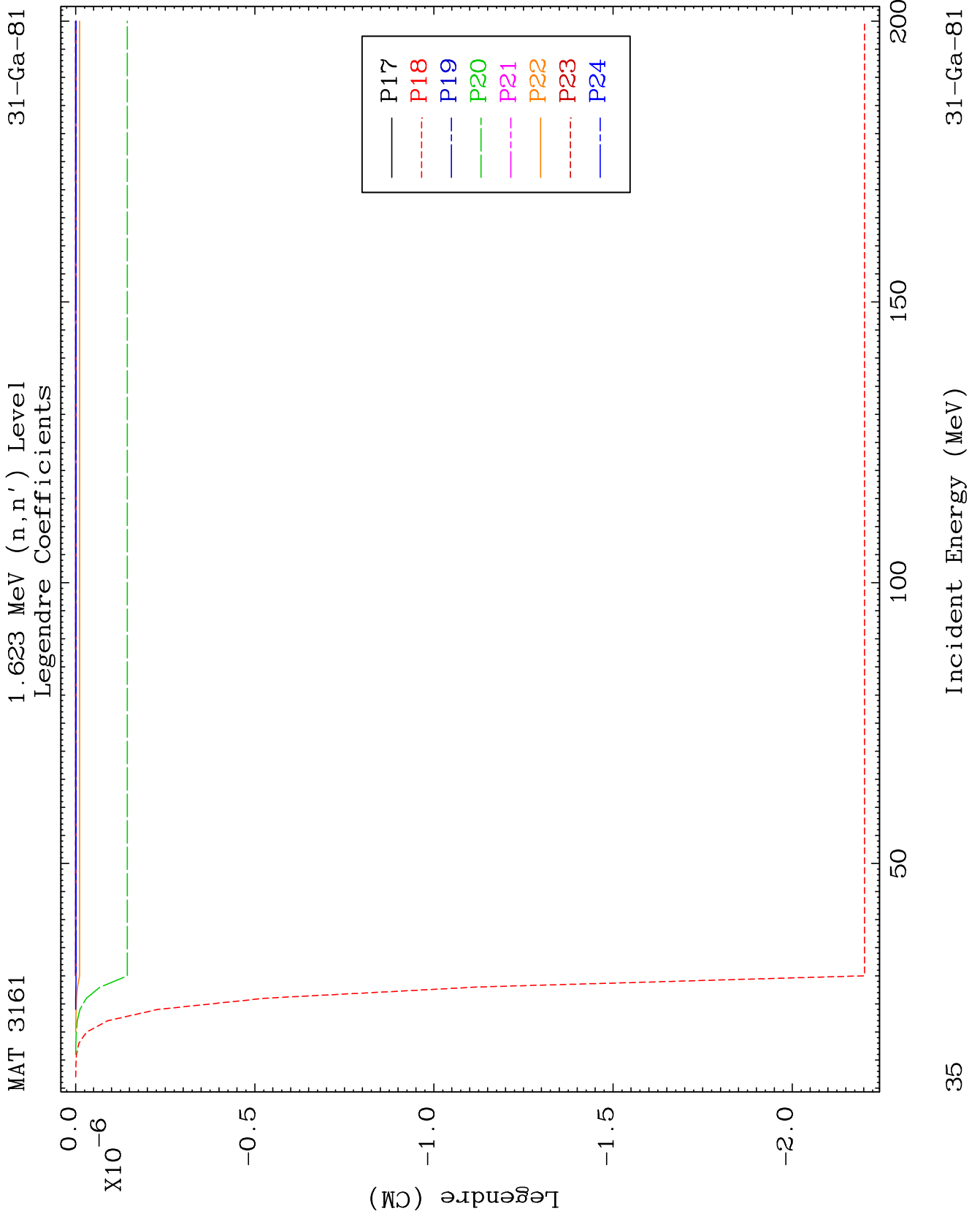
31-Ga-81



34

Incident Energy (MeV)

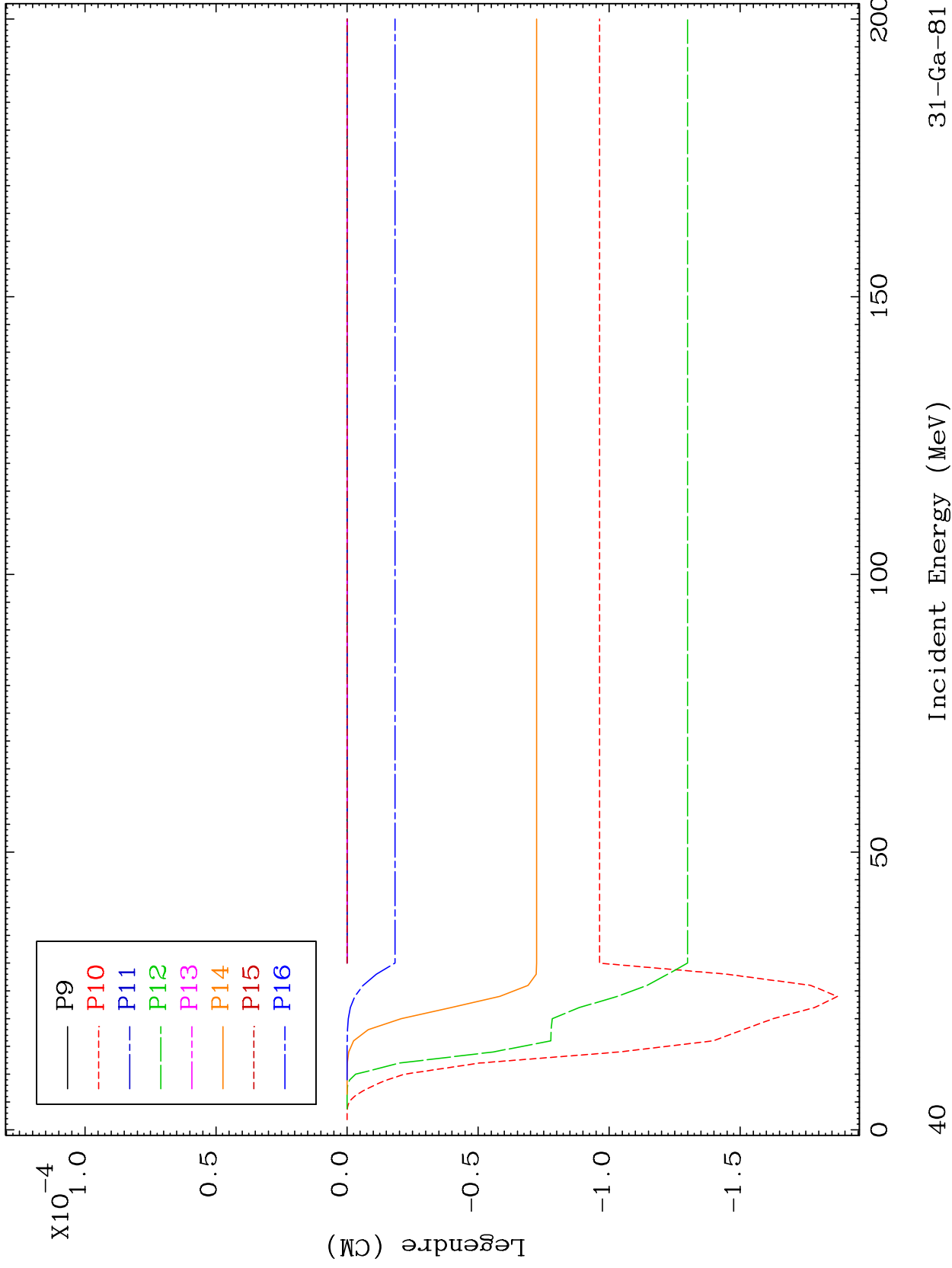
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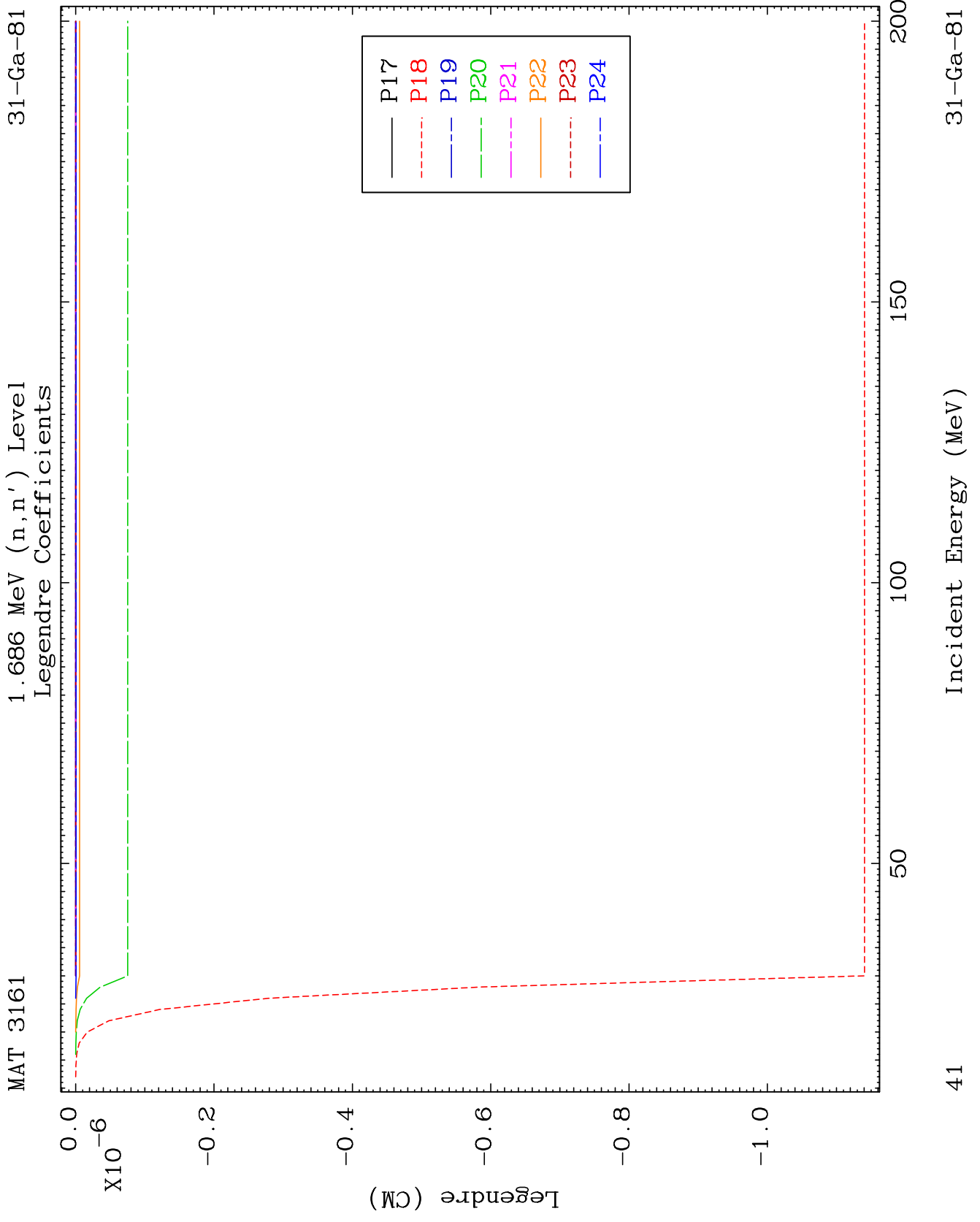


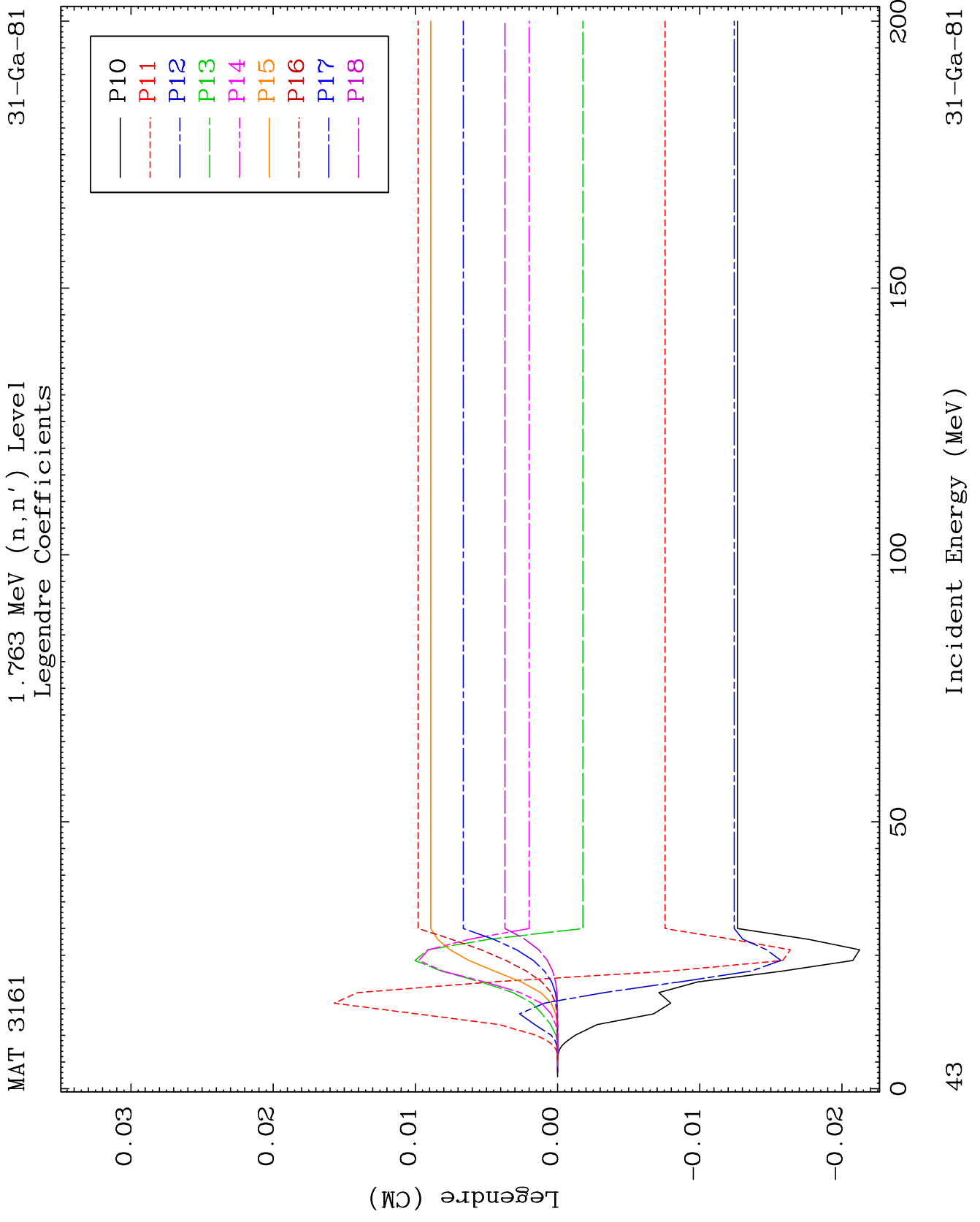
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1.686 MeV (n,n') Level
Legendre Coefficients

31-Ga-81



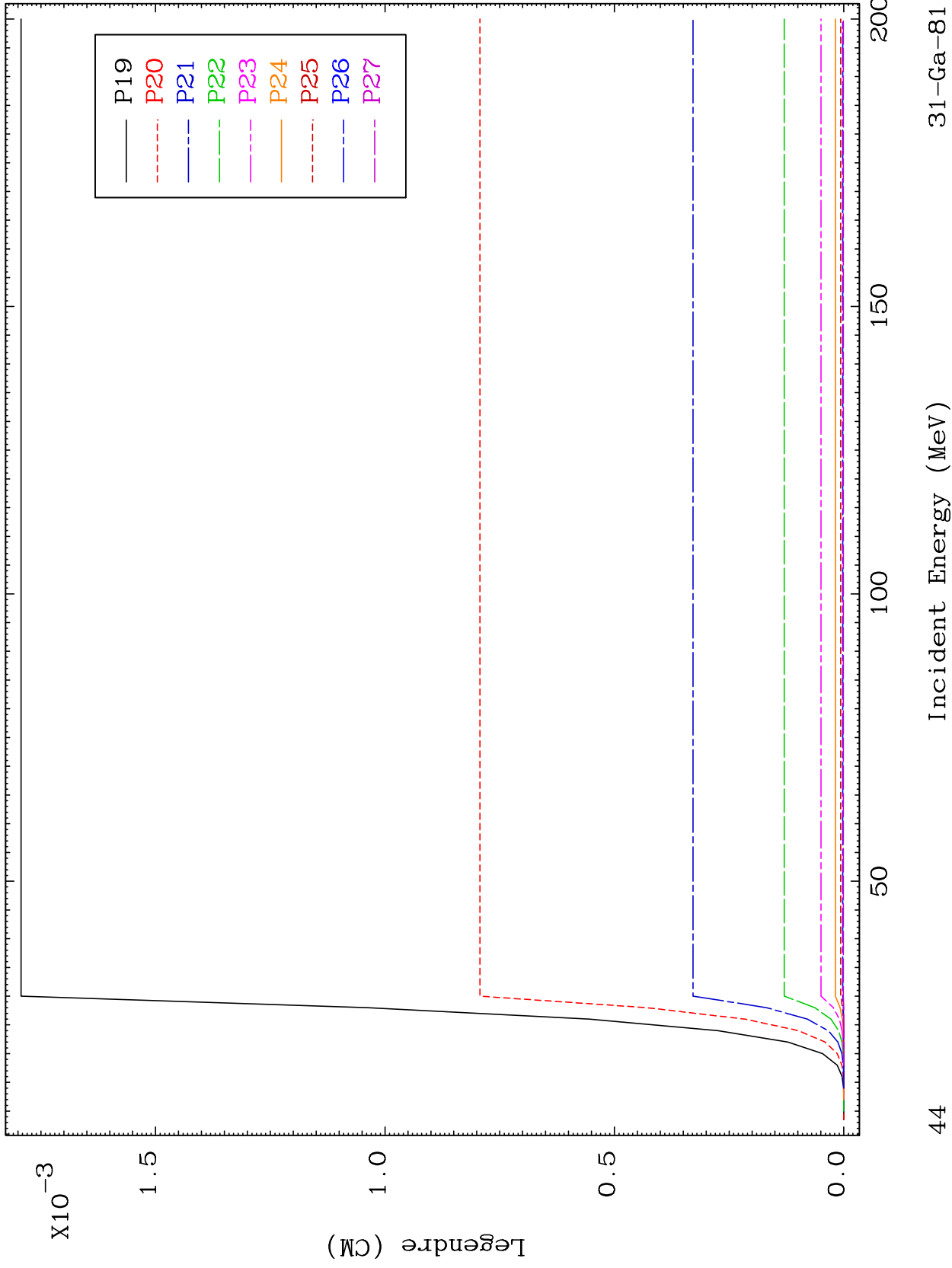




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1.763 MeV (n,n') Level
Legendre Coefficients

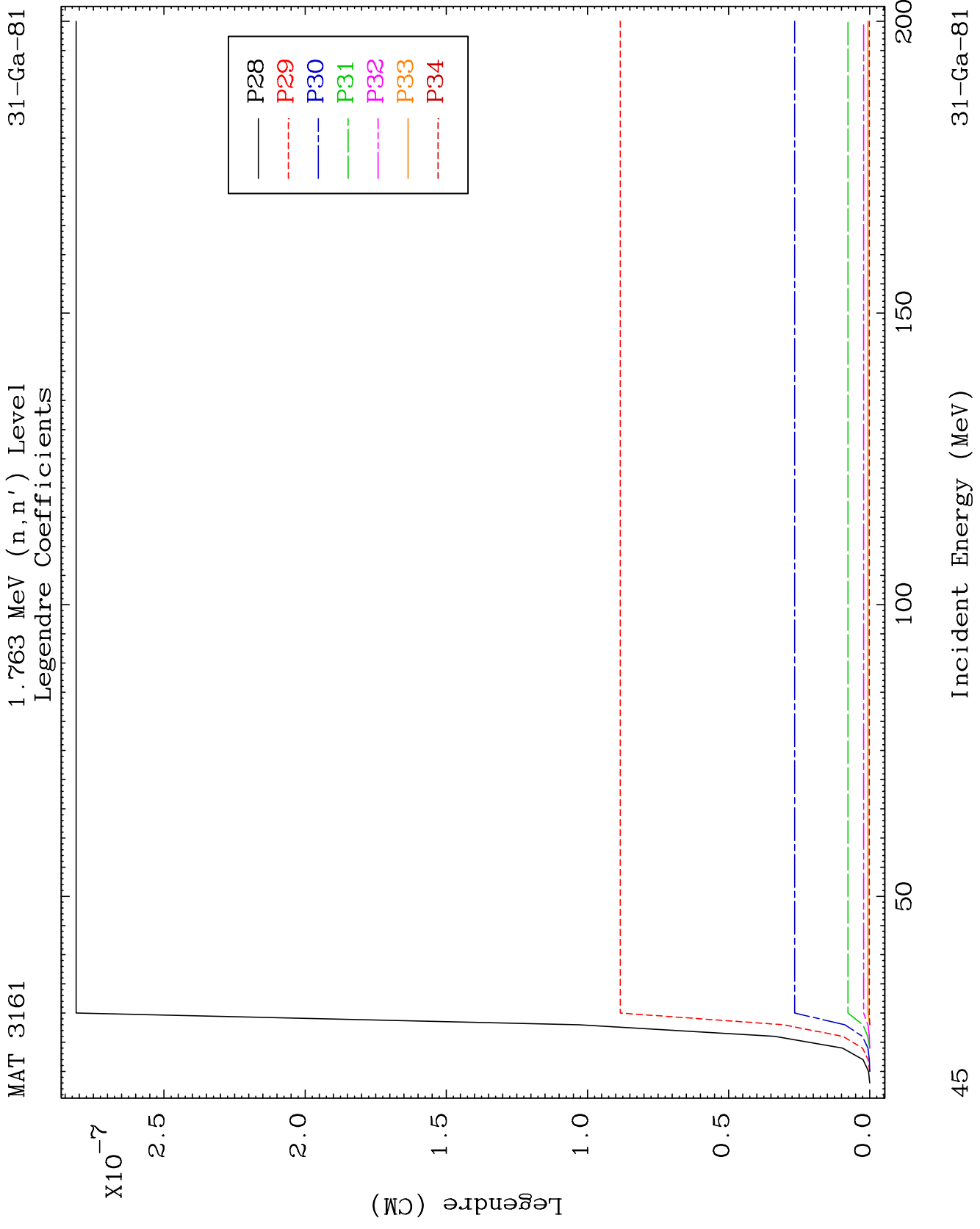
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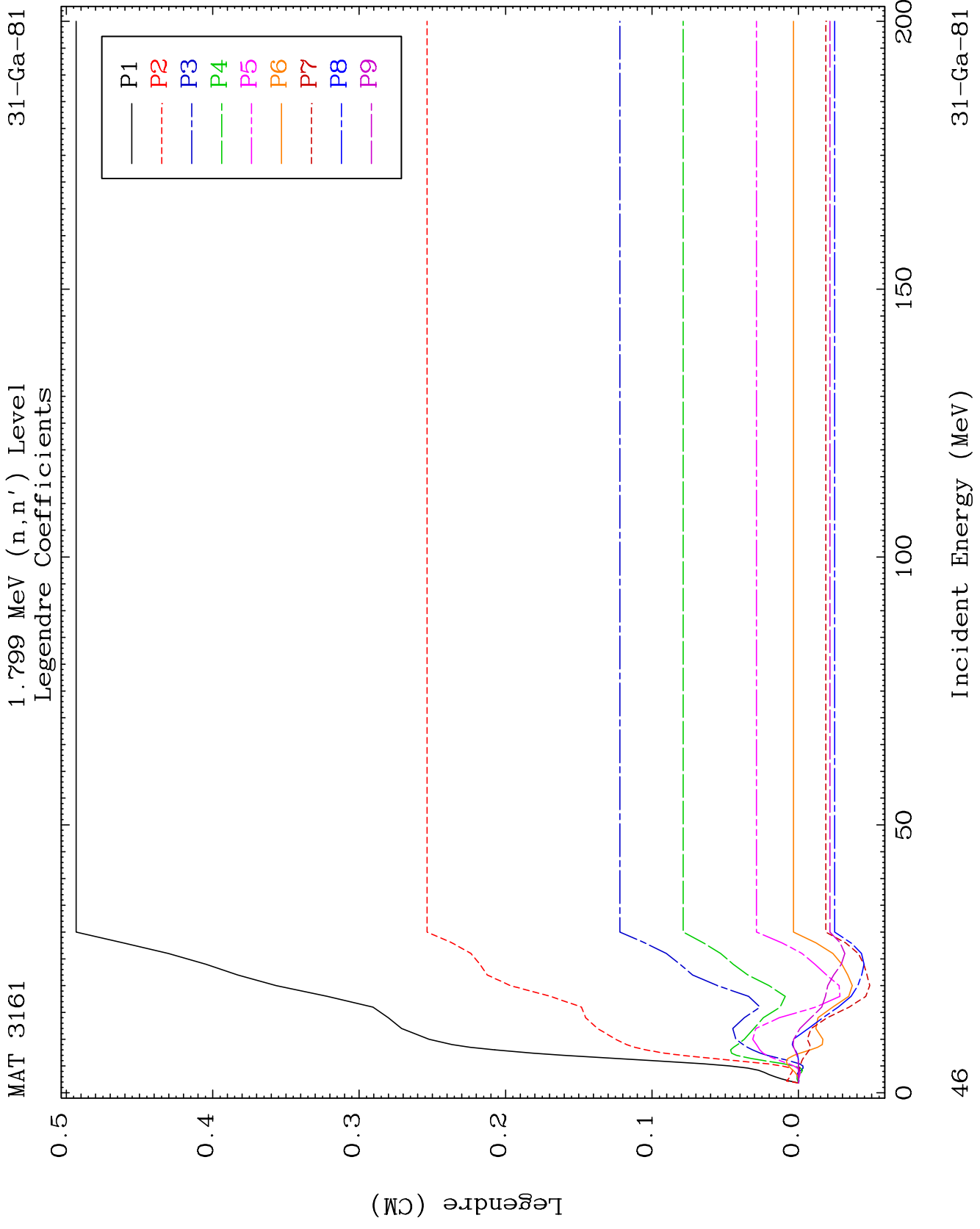


44

Incident Energy (MeV)

31-Ga-81

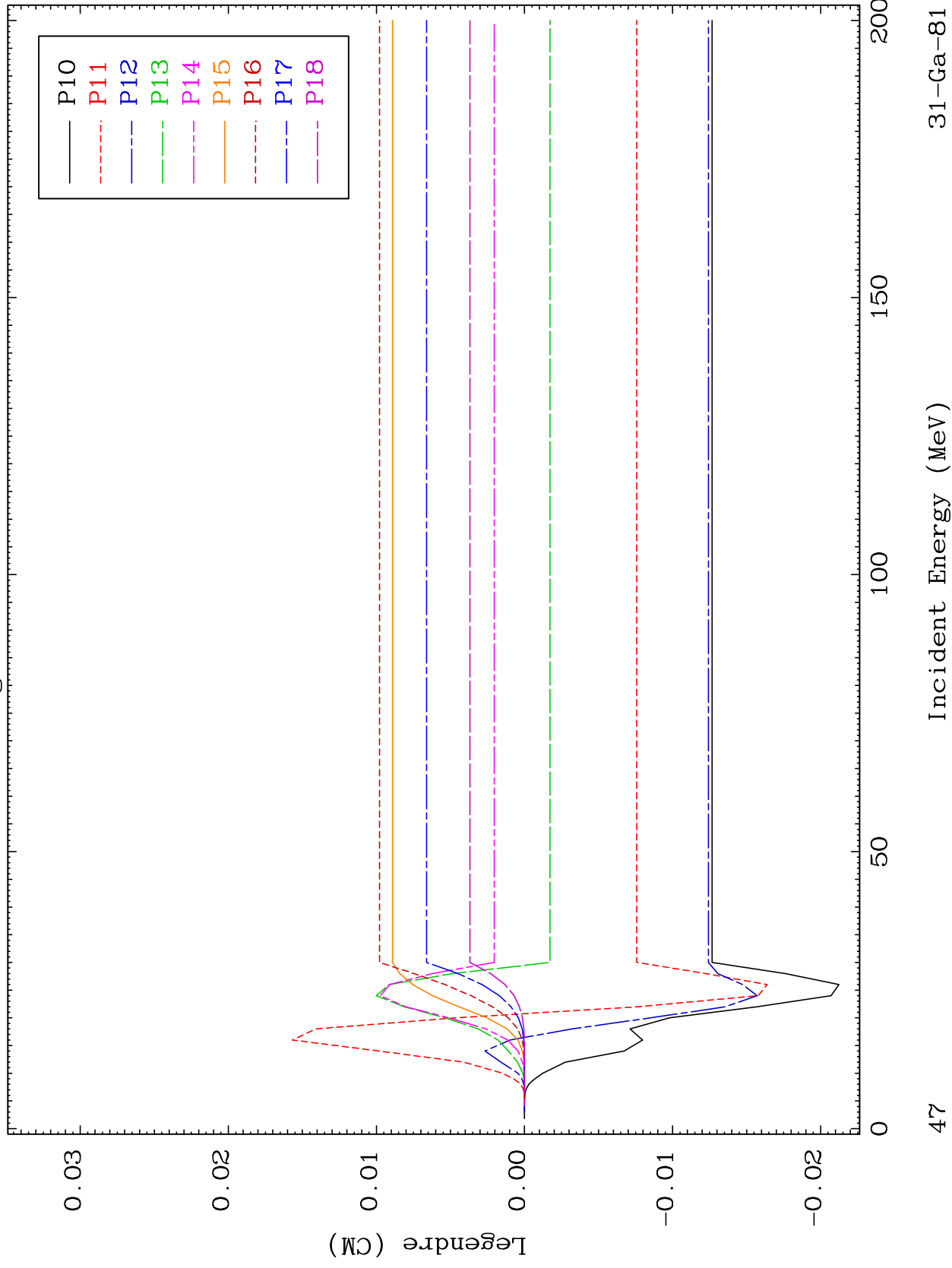




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1.799 MeV (n,n') Level
Legendre Coefficients

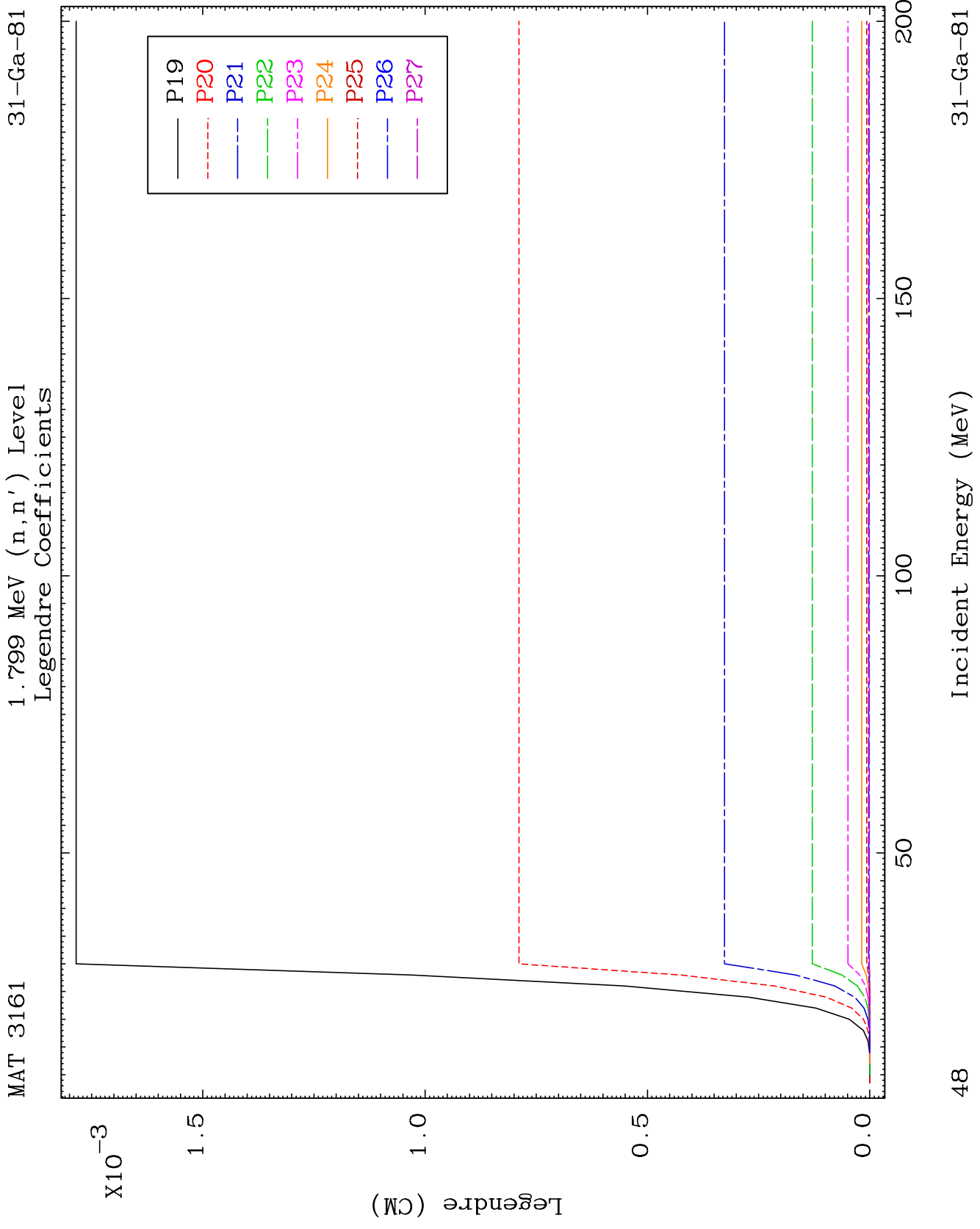
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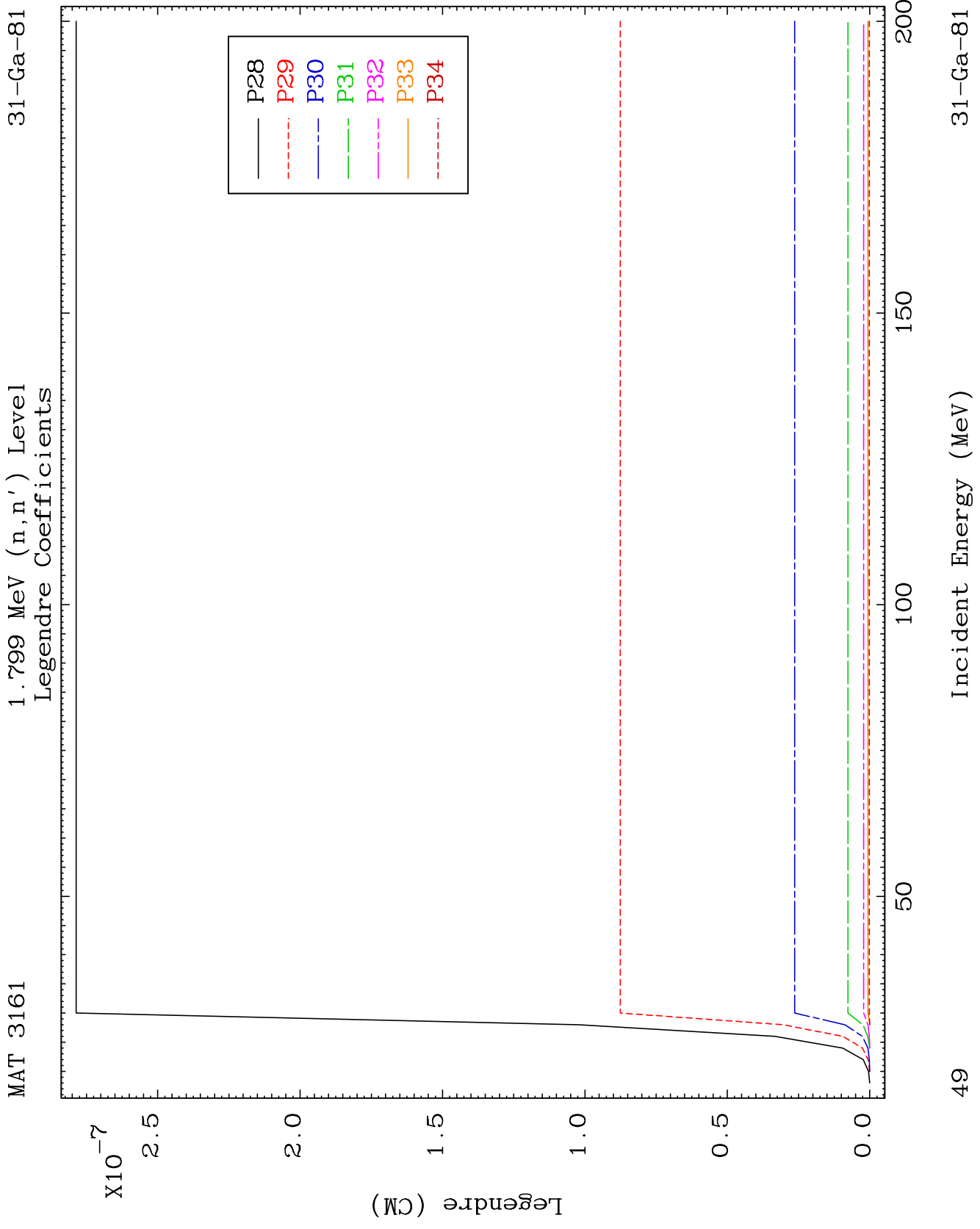


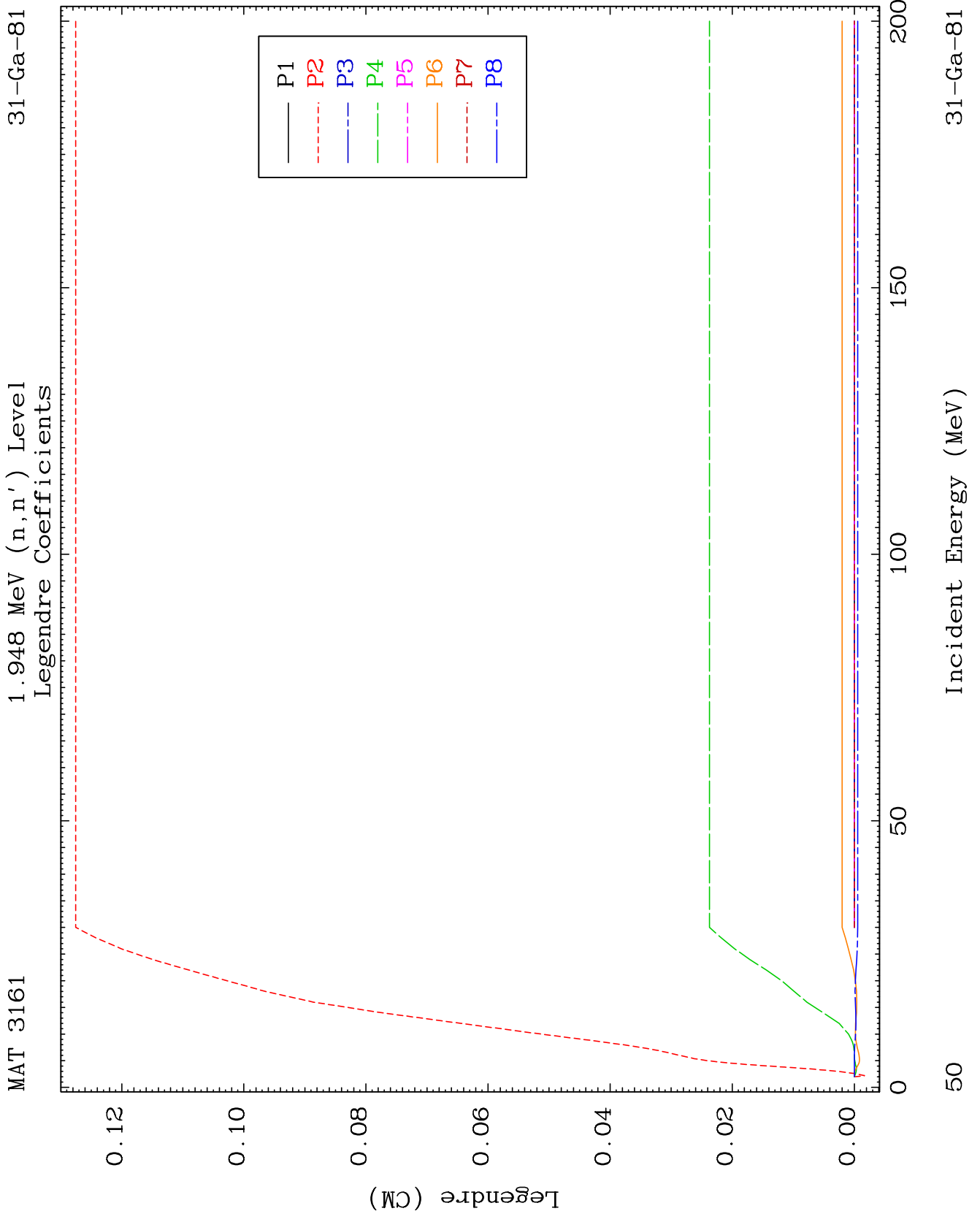
47

Incident Energy (MeV)

31-Ga-81



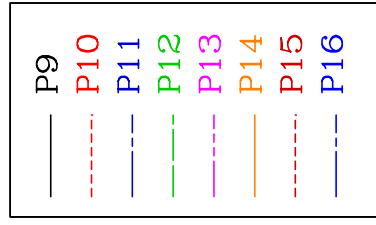




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1.948 MeV (n,n') Level
Legendre Coefficients

31-Ga-81



$\times 10^{-4}$

Legendre (CM)

0.5

0.0

-0.5

-1.0

0

50

100

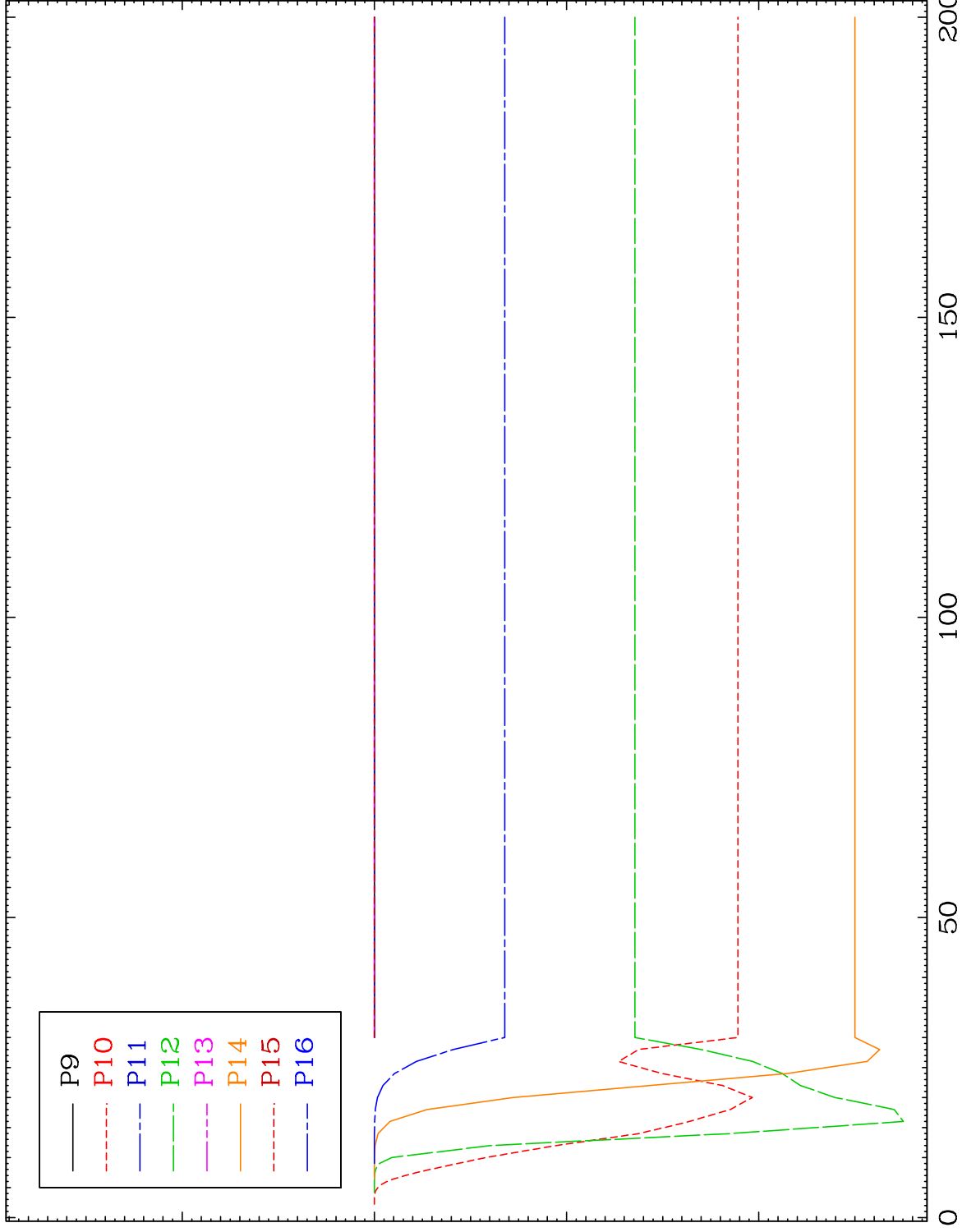
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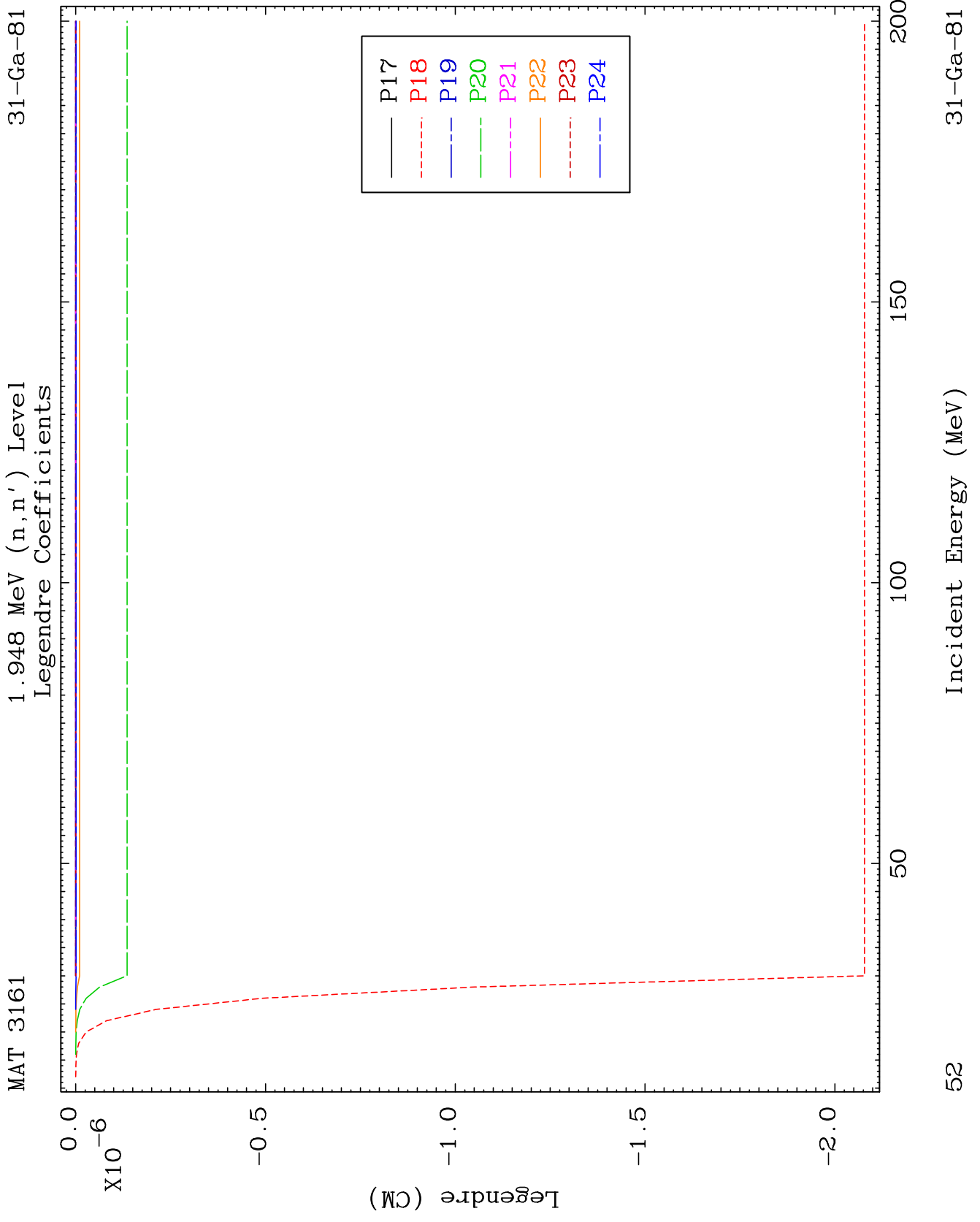
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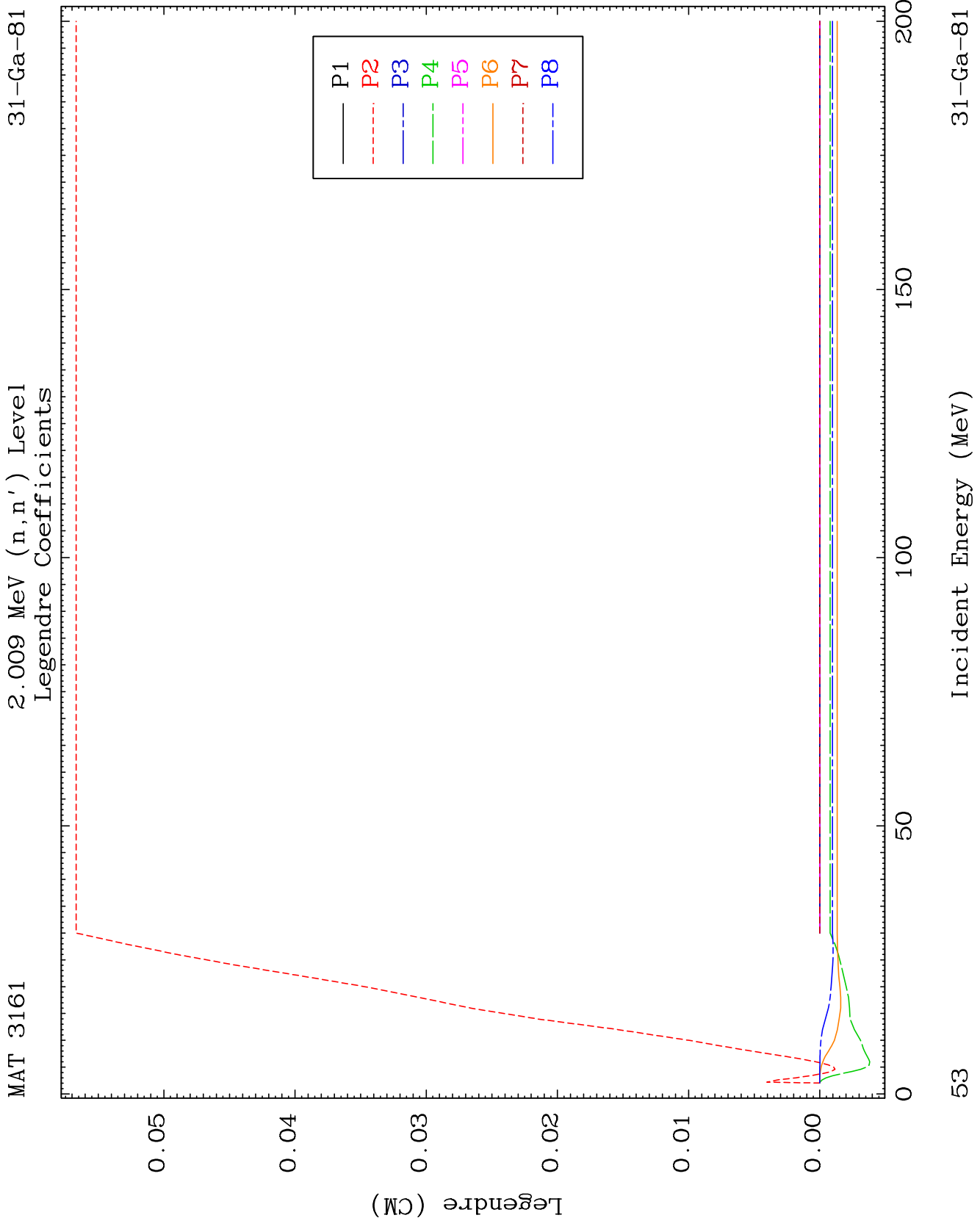
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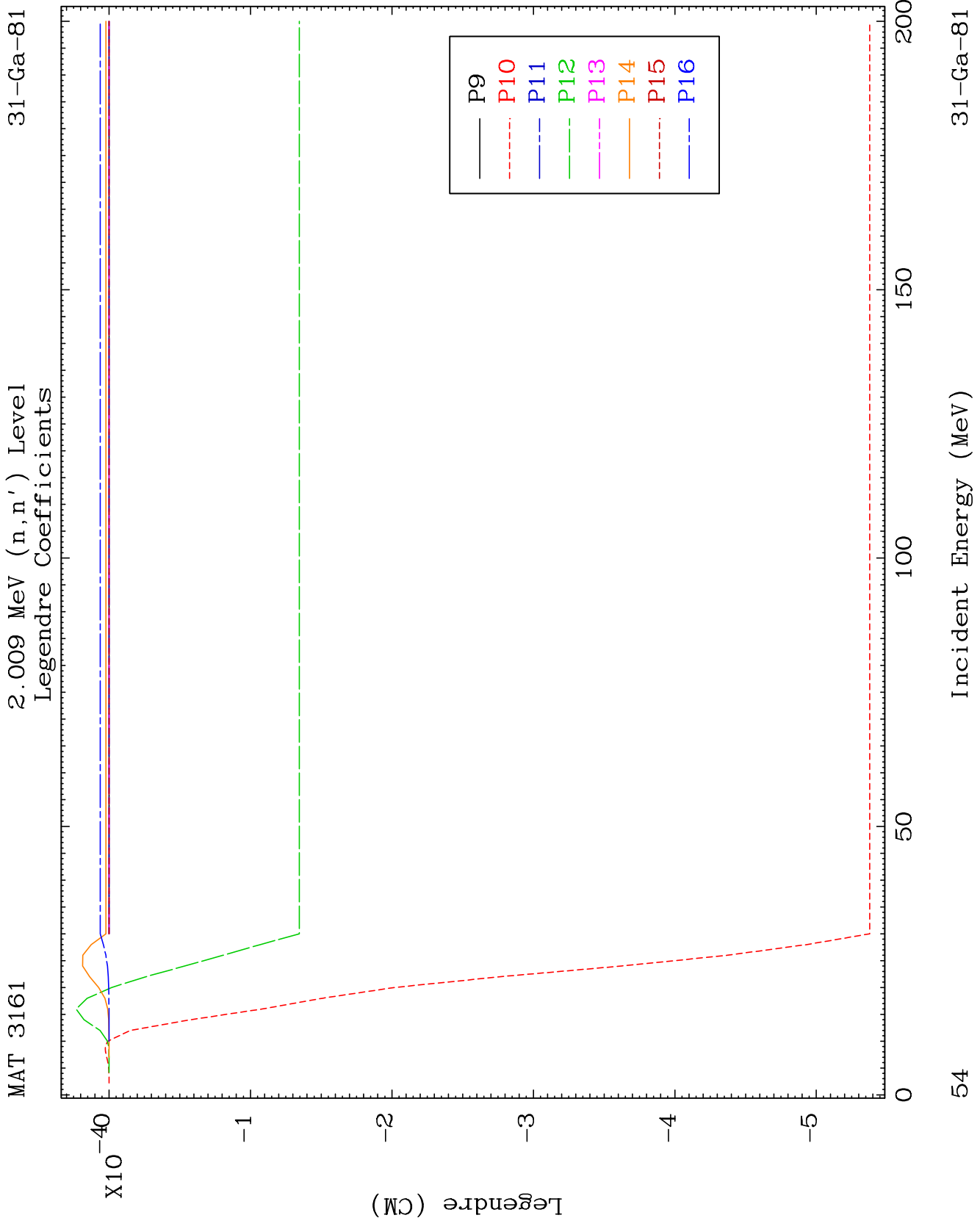
Incident Energy (MeV)

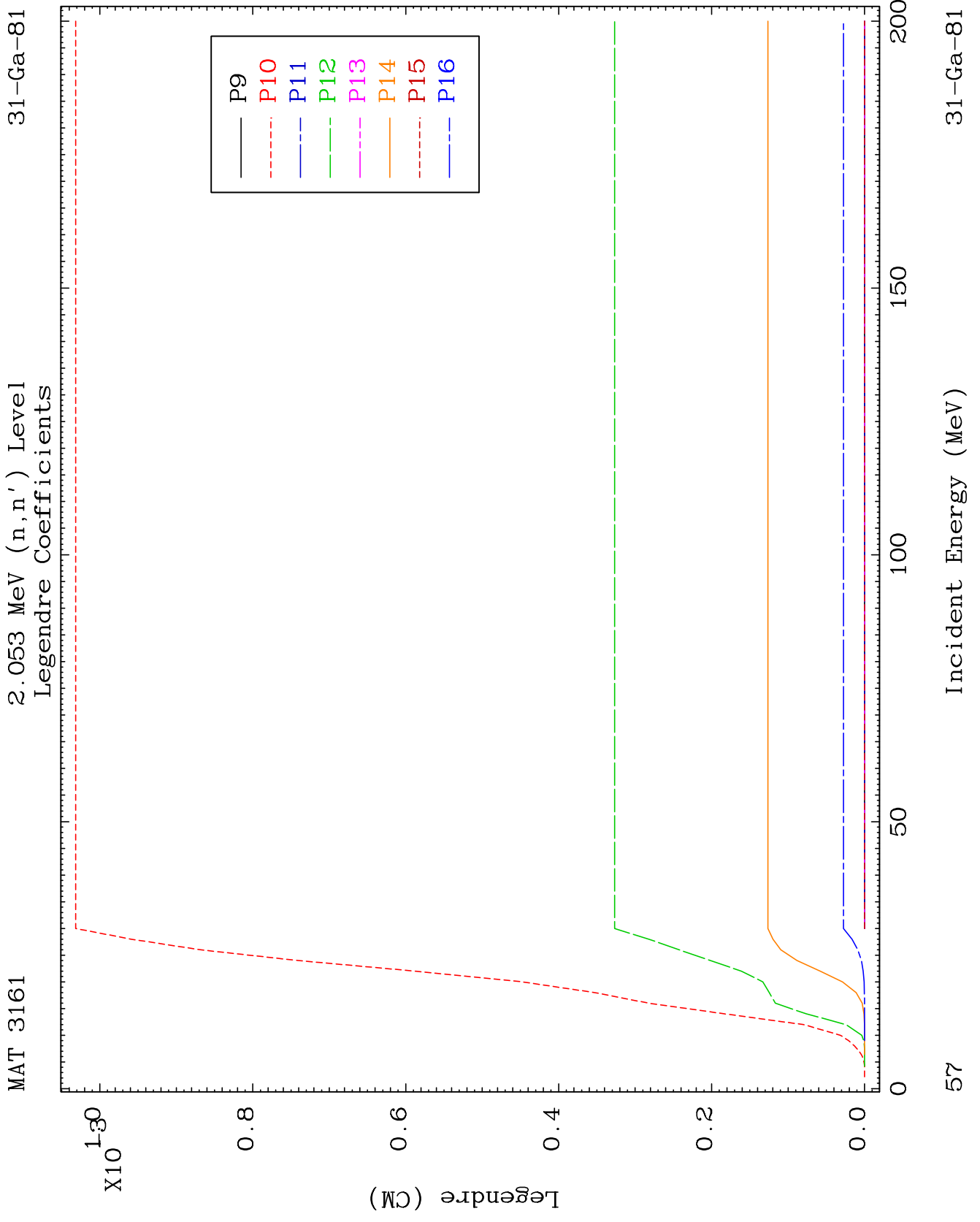
31-Ga-81

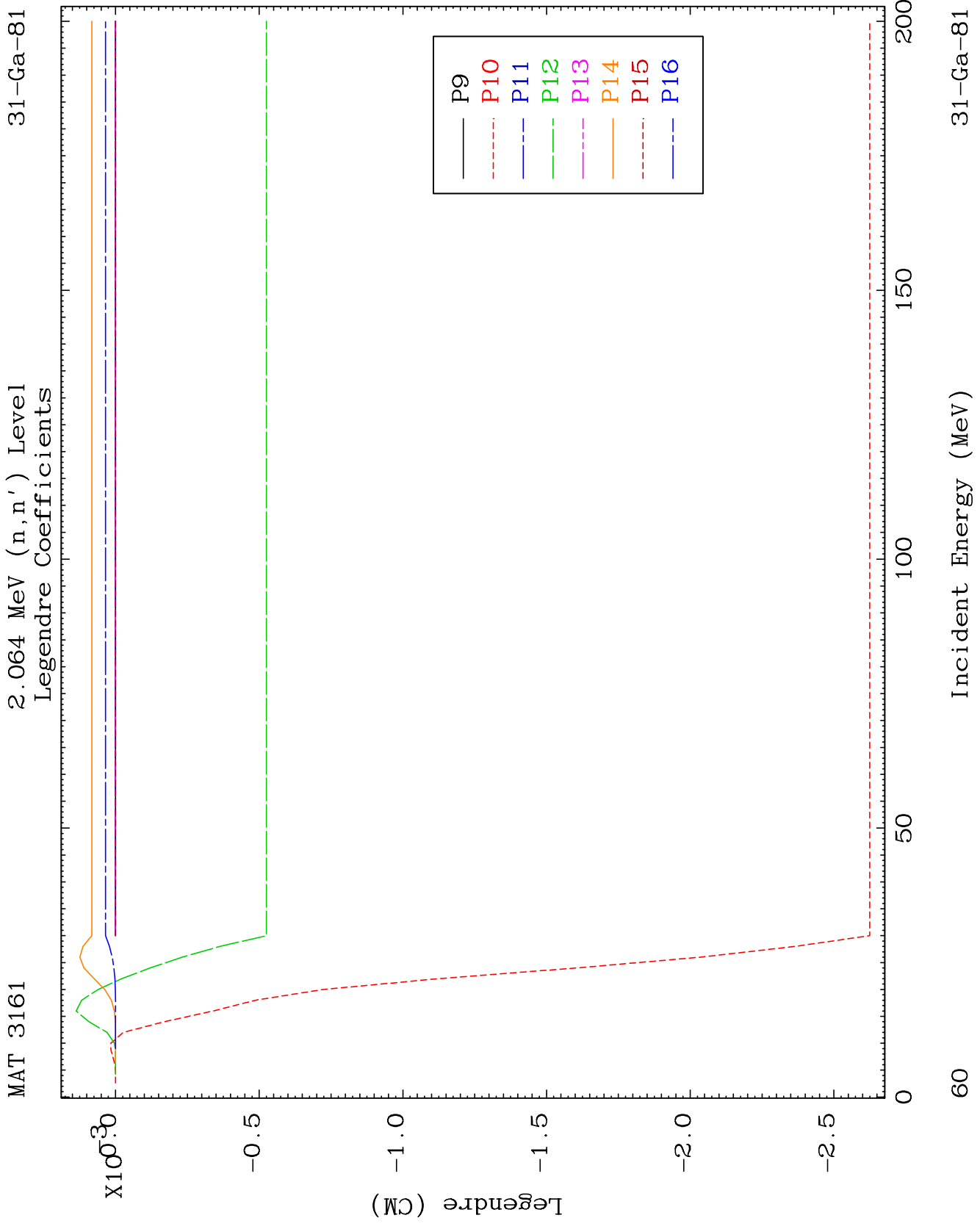


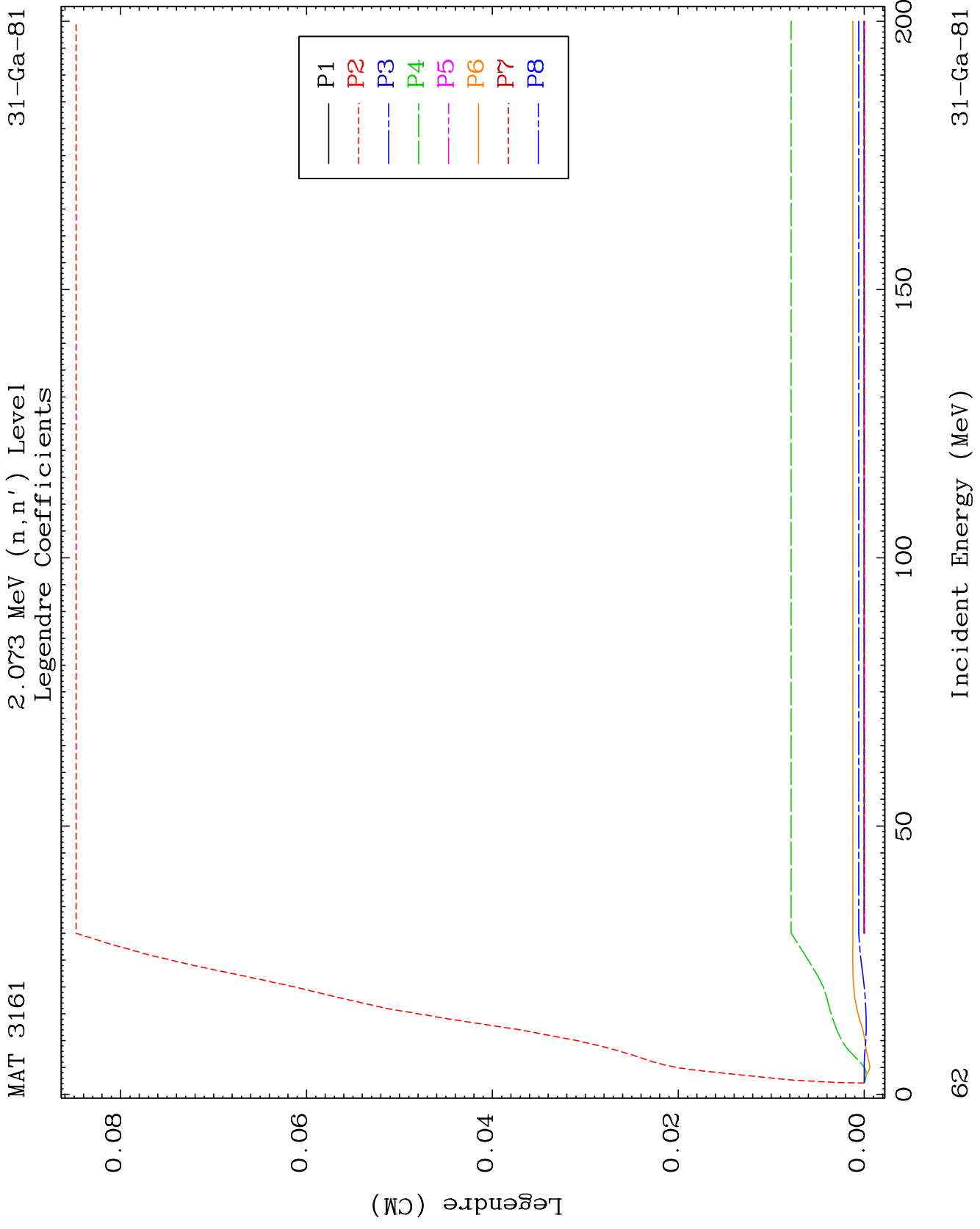








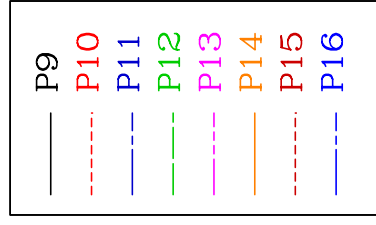




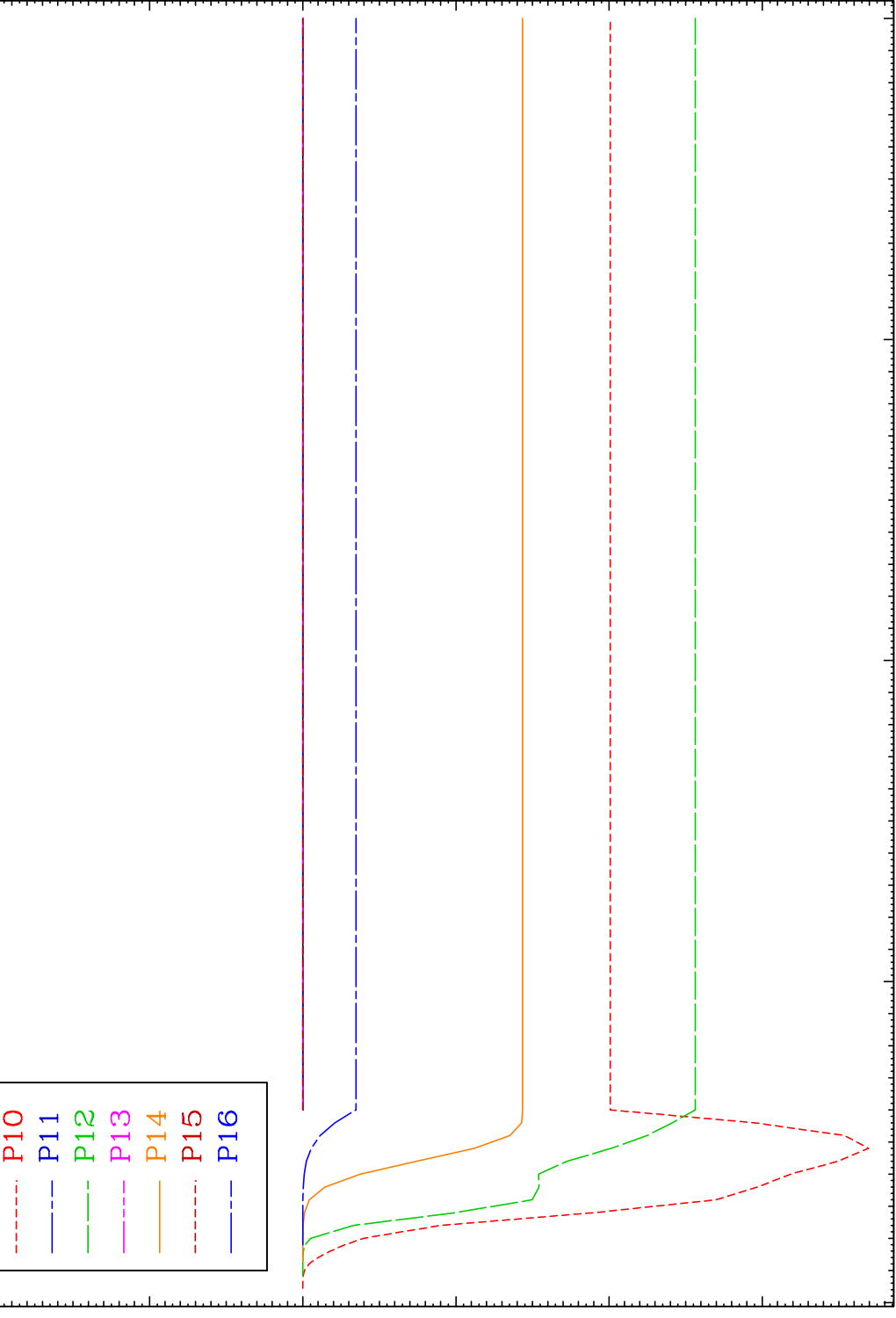
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2.073 MeV (n, n') Level
Legendre Coefficients

31-Ga-81



$\times 10^{-4}$
Legendre (CM)



200

150

100

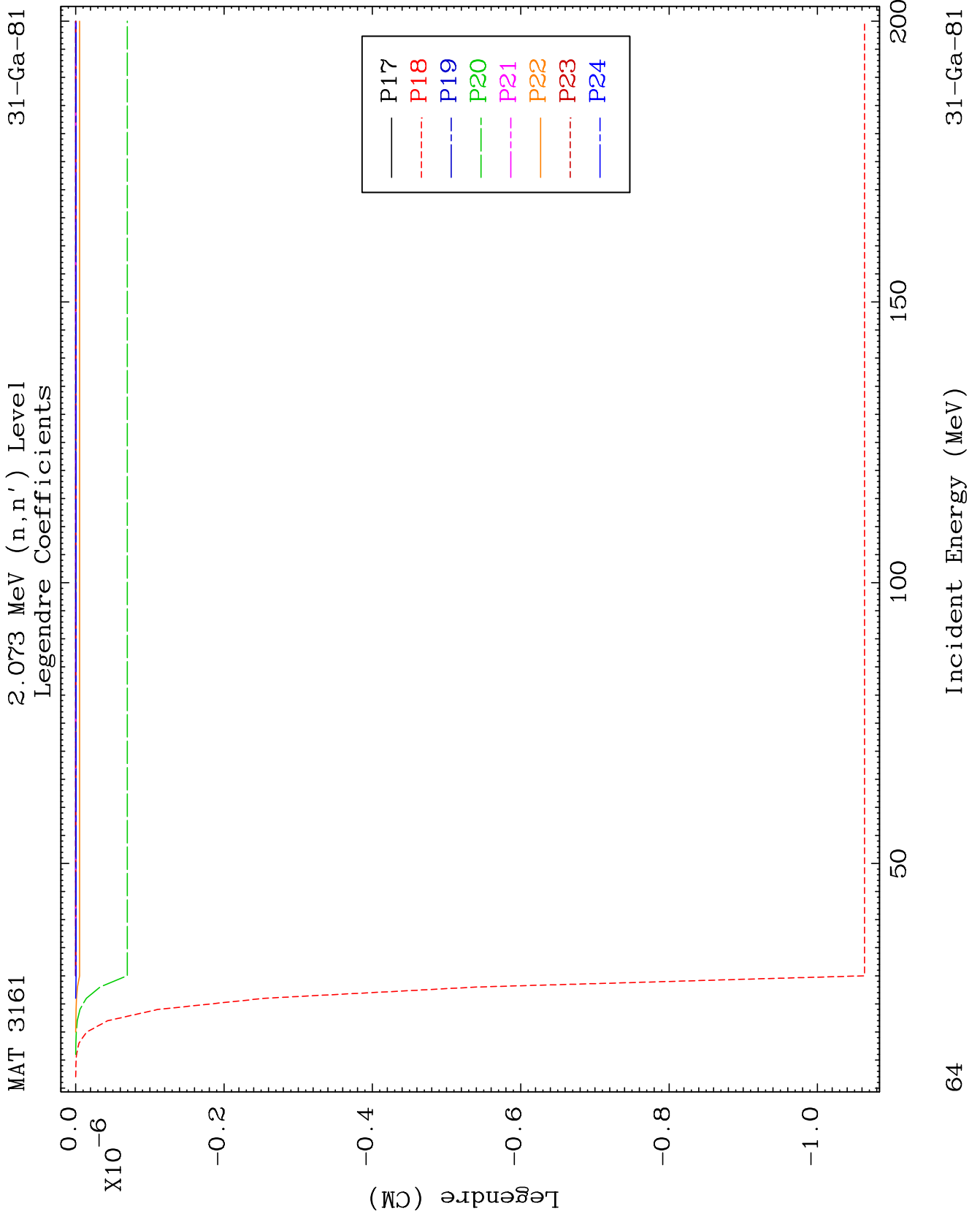
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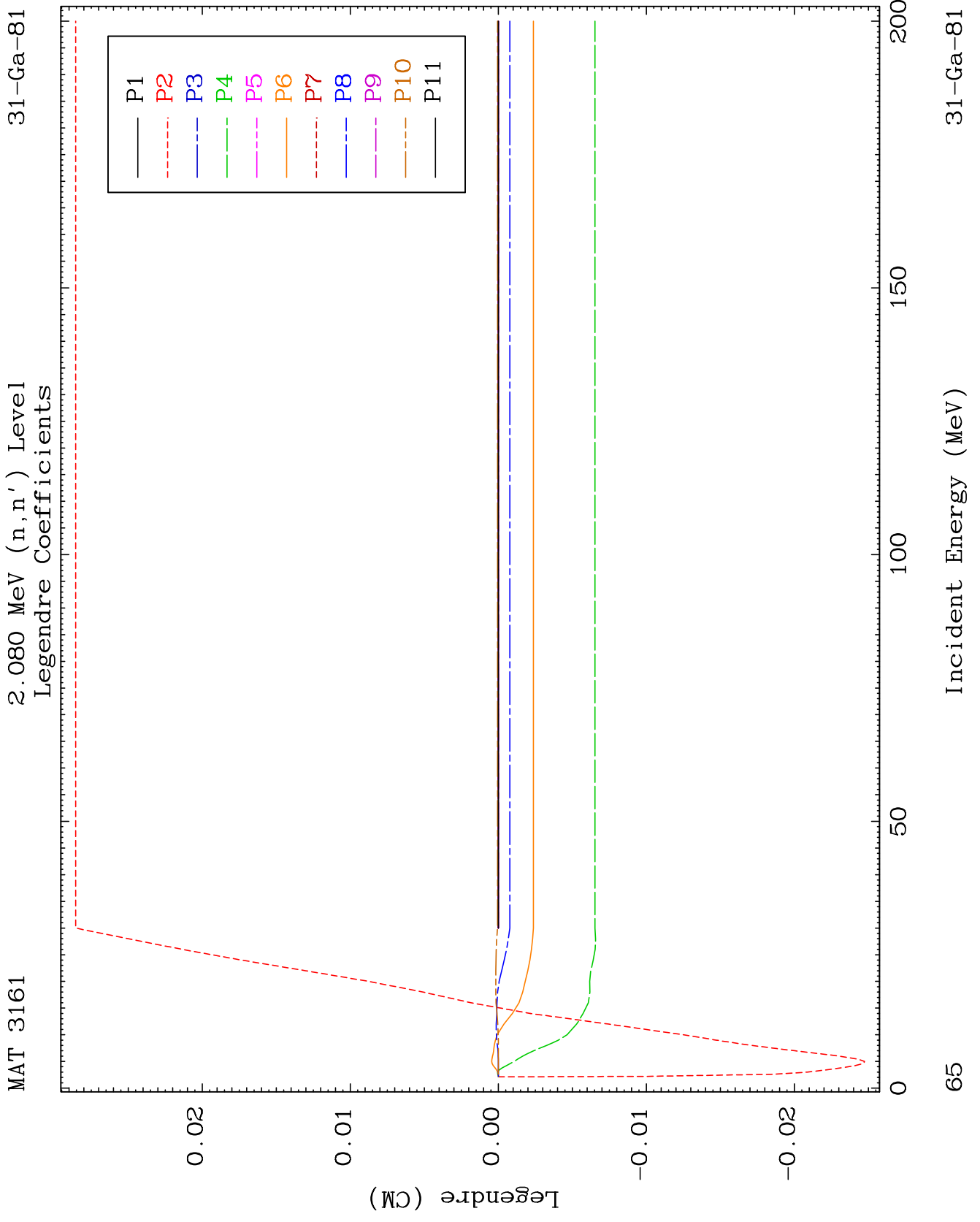
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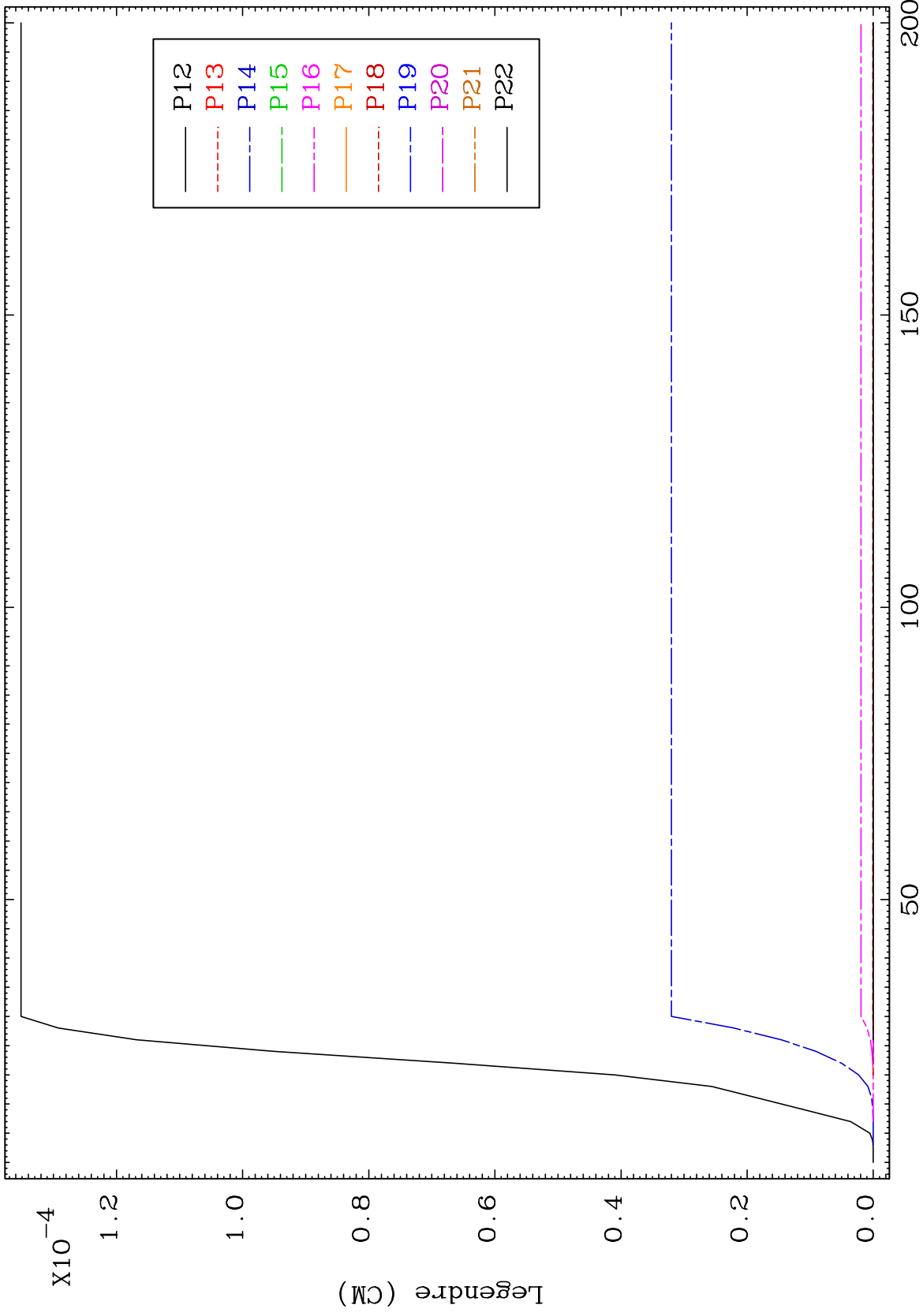
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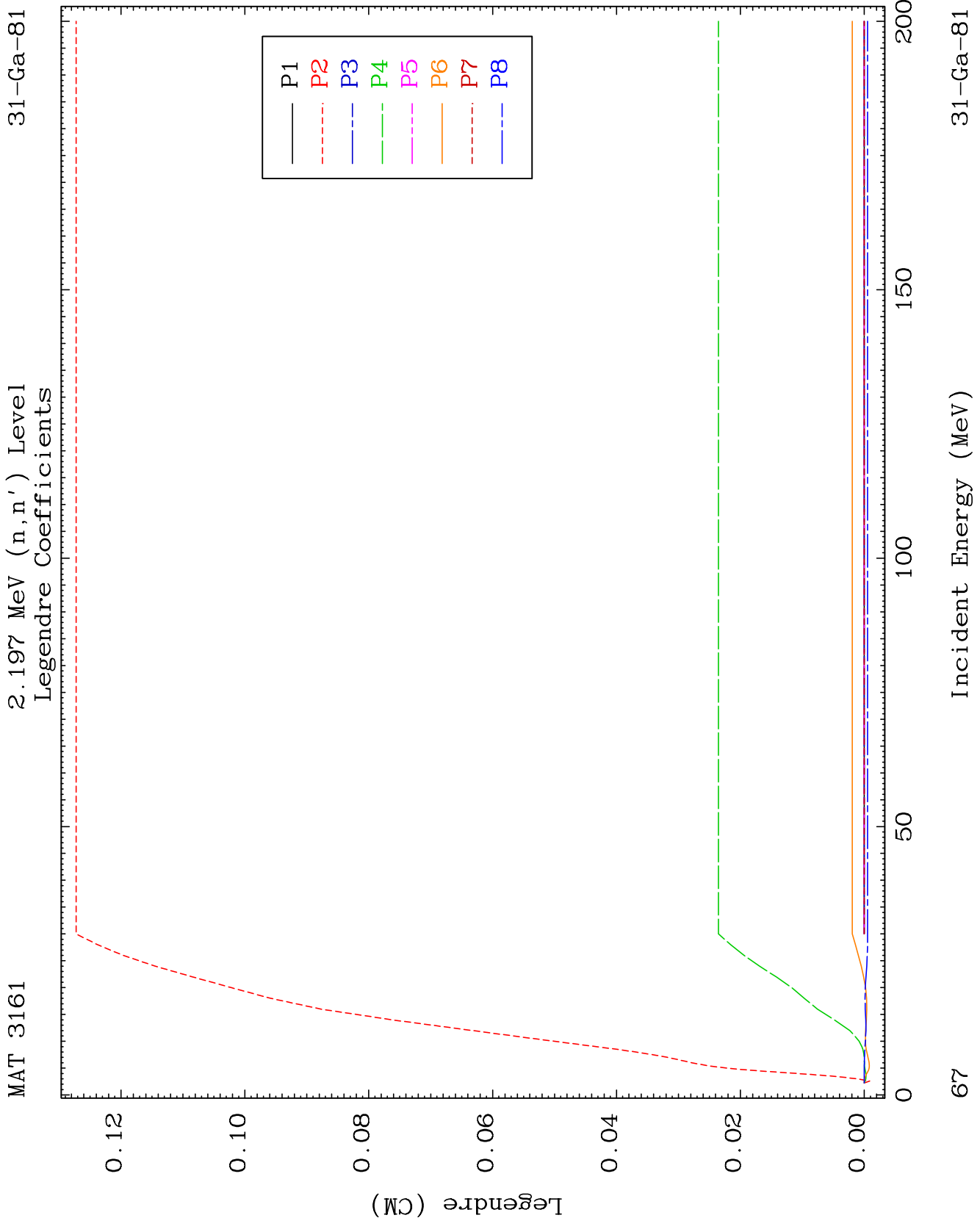
Incident Energy (MeV)

31-Ga-81





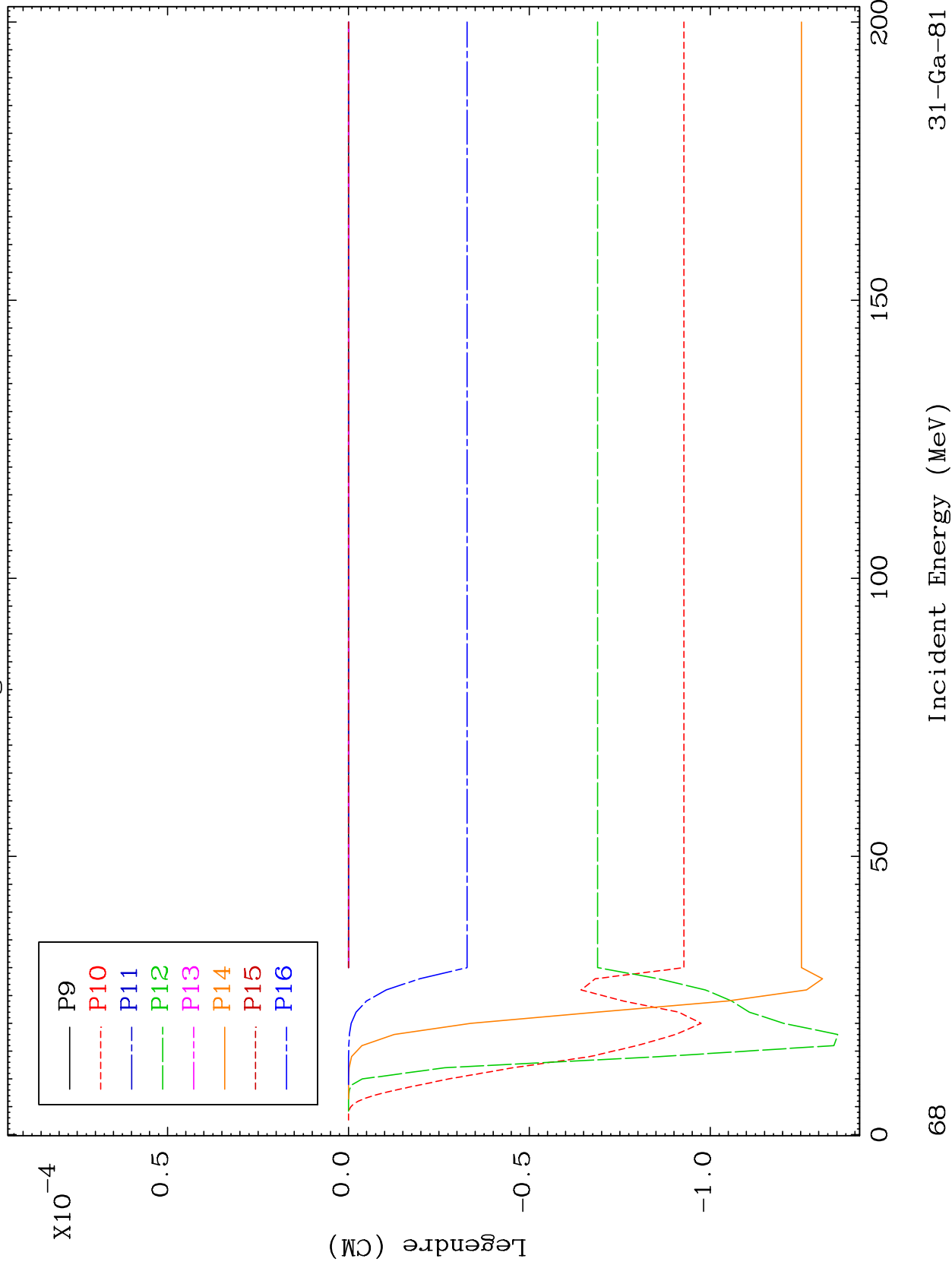




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2.197 MeV (n,n') Level
Legendre Coefficients

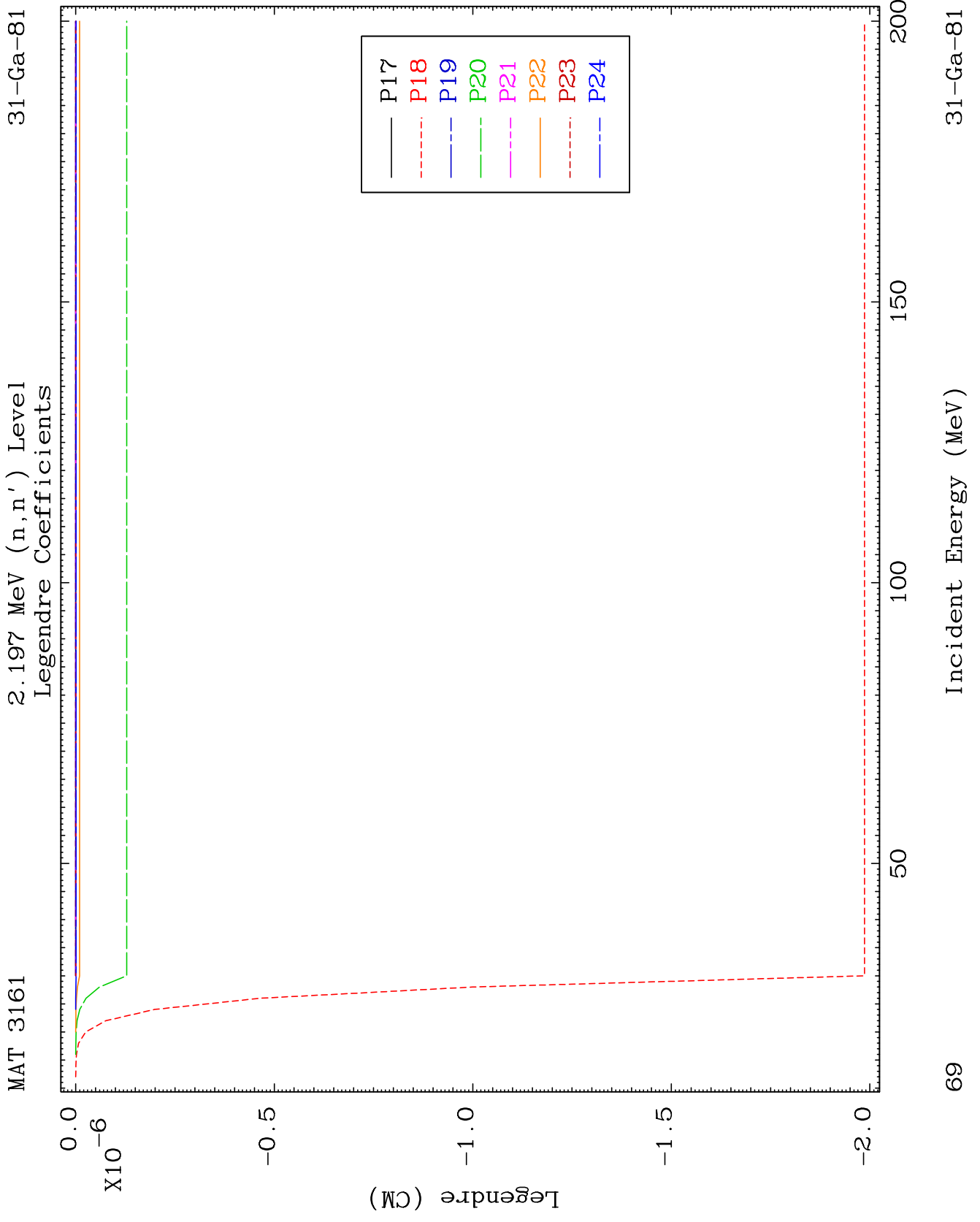
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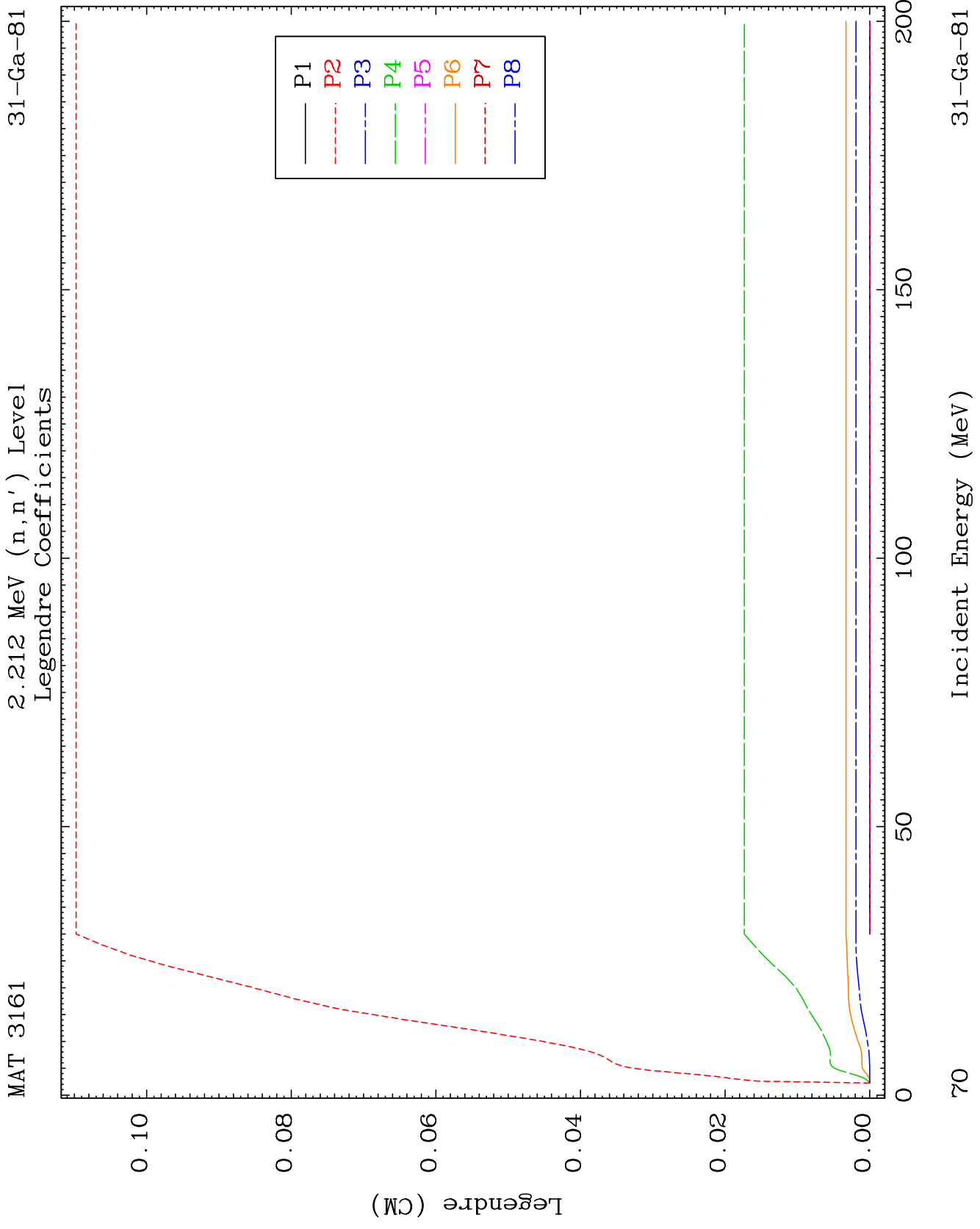


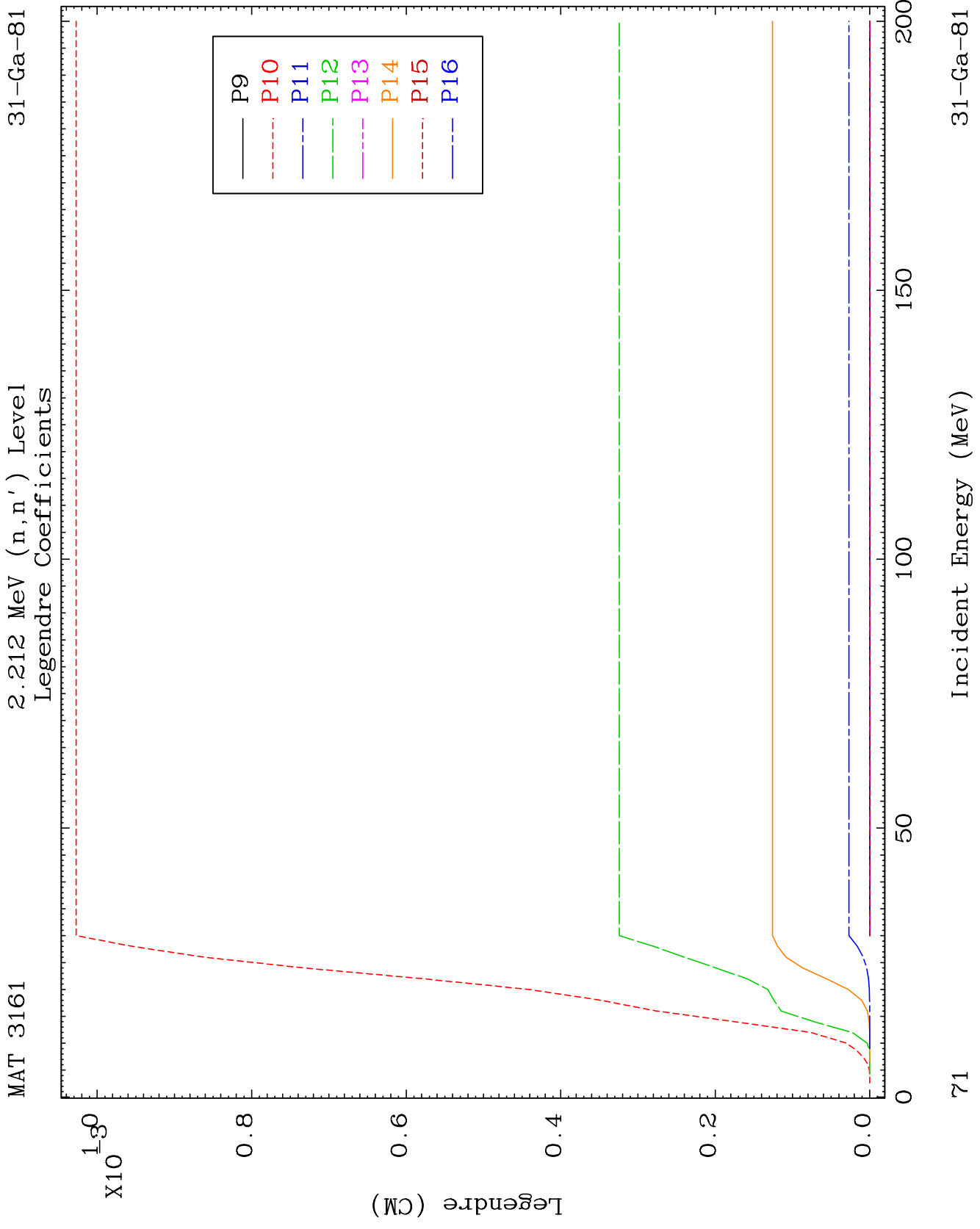
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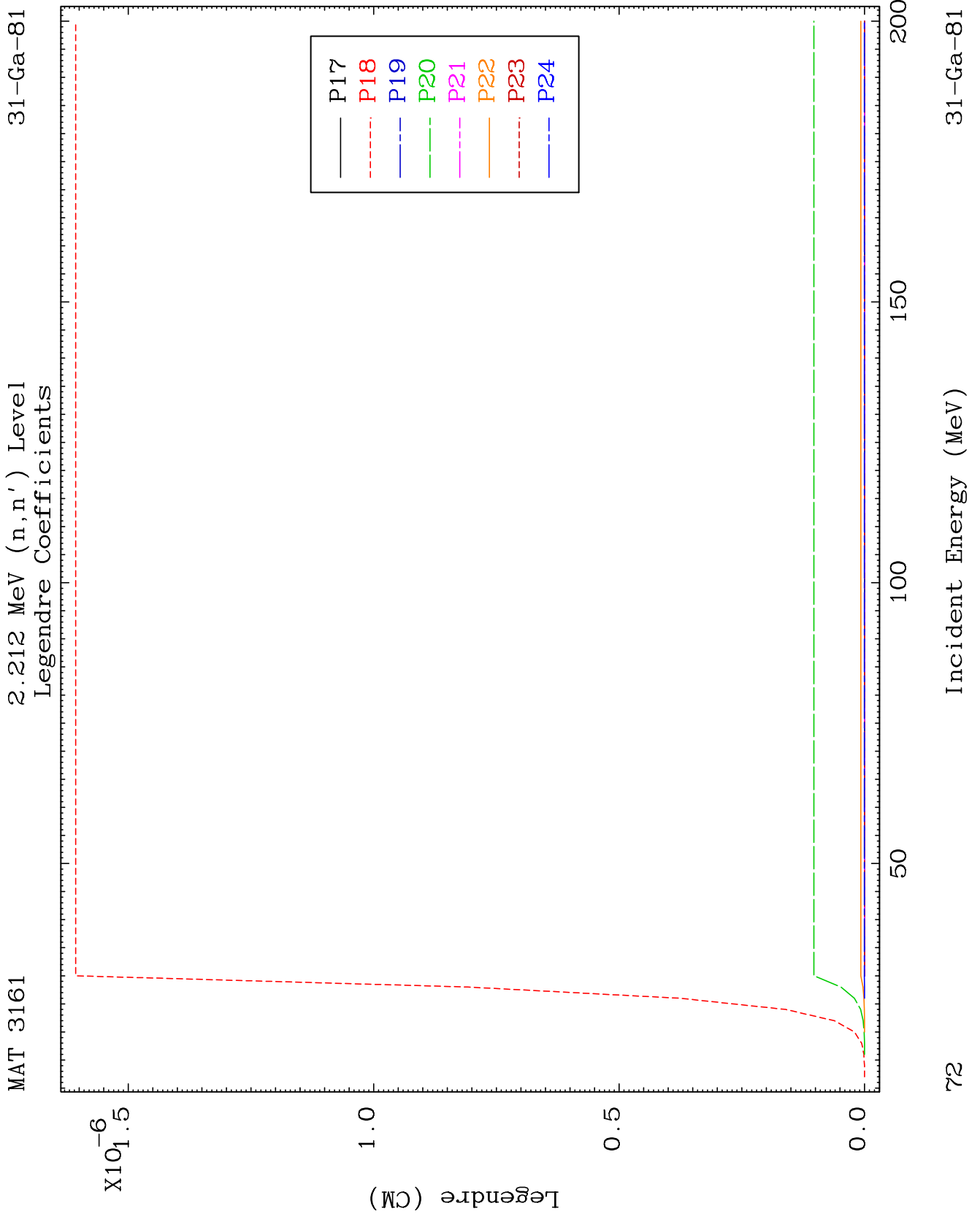
Incident Energy (MeV)

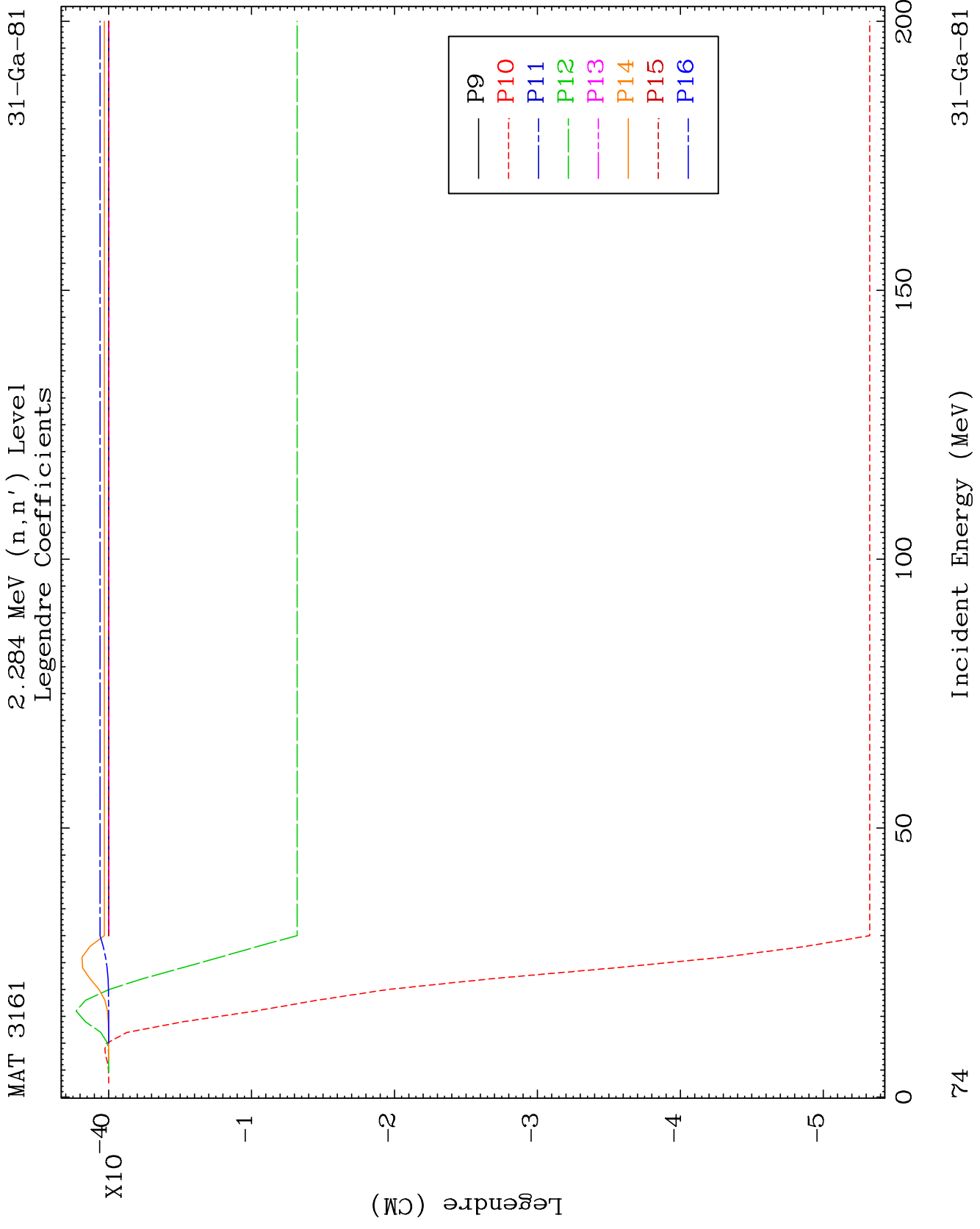
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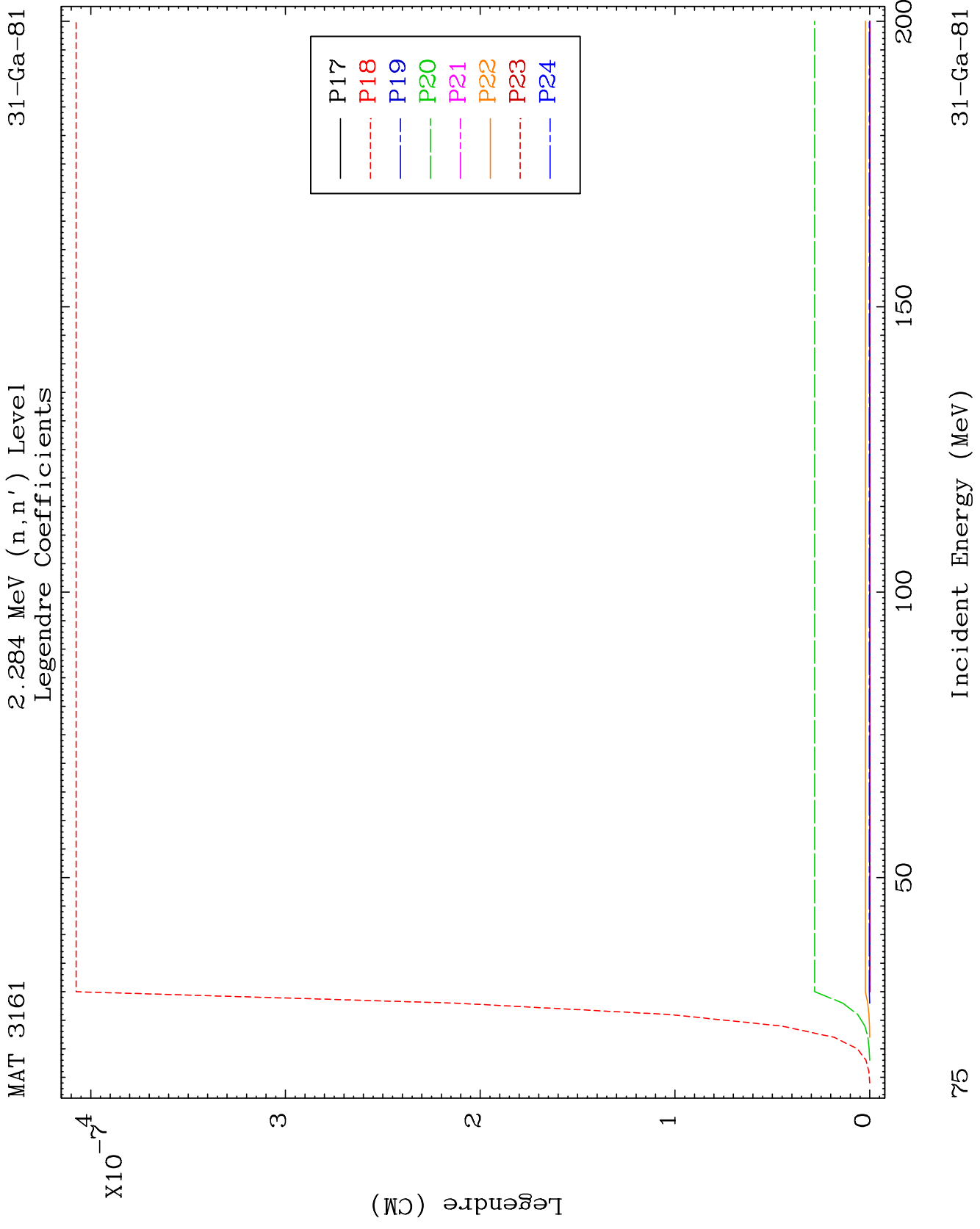








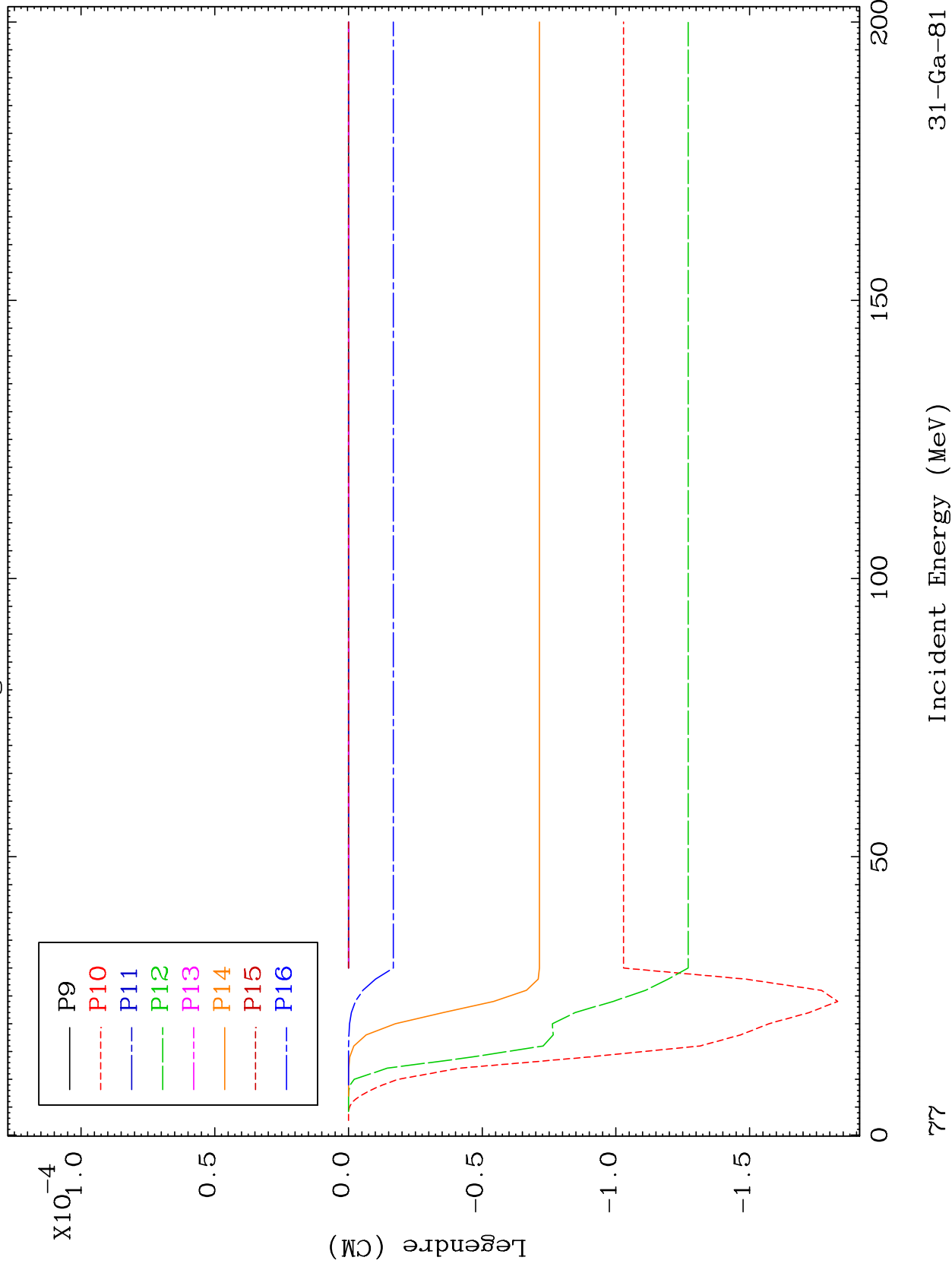




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2.319 MeV (n,n') Level
Legendre Coefficients

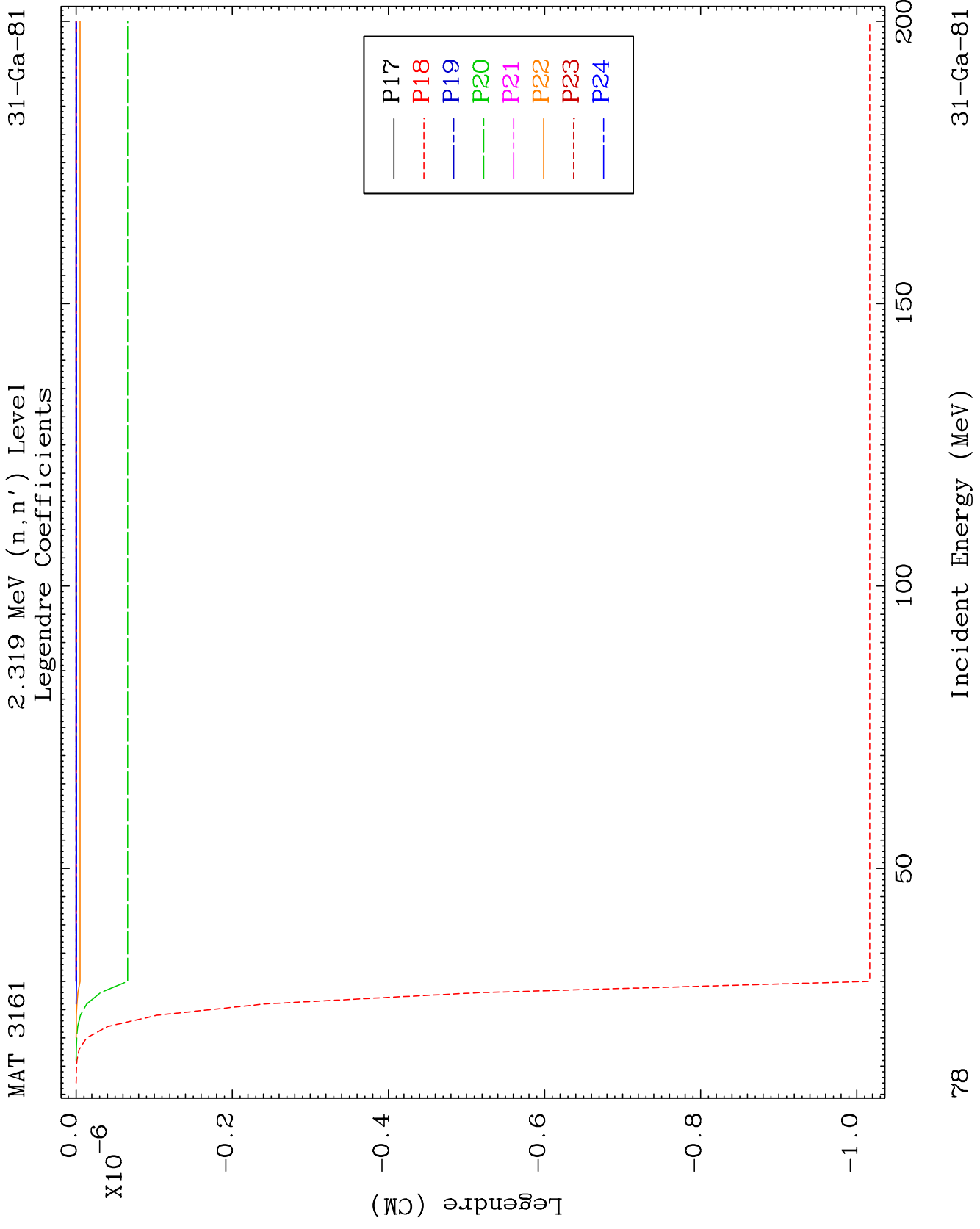
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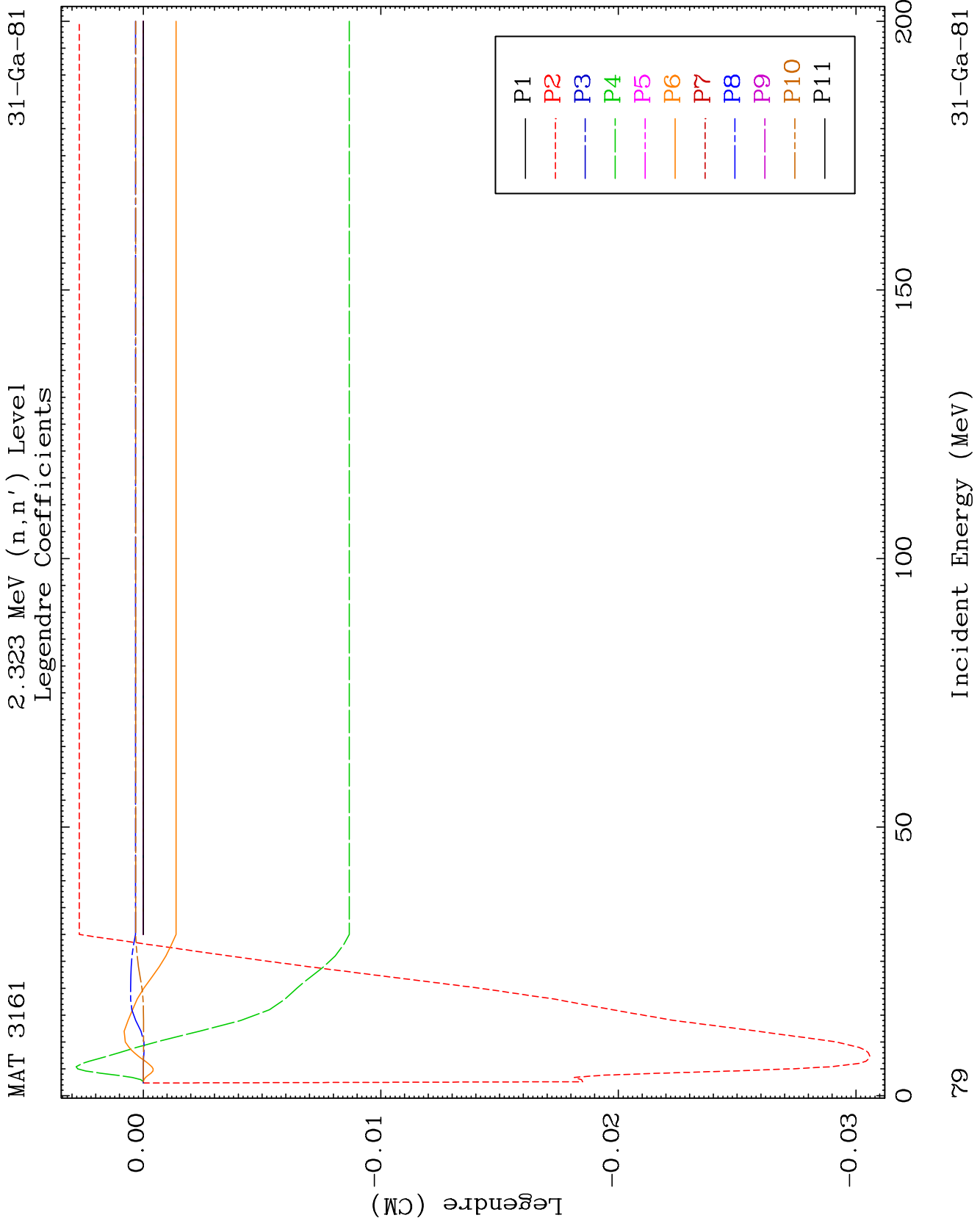


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Incident Energy (MeV)

31-Ga-81

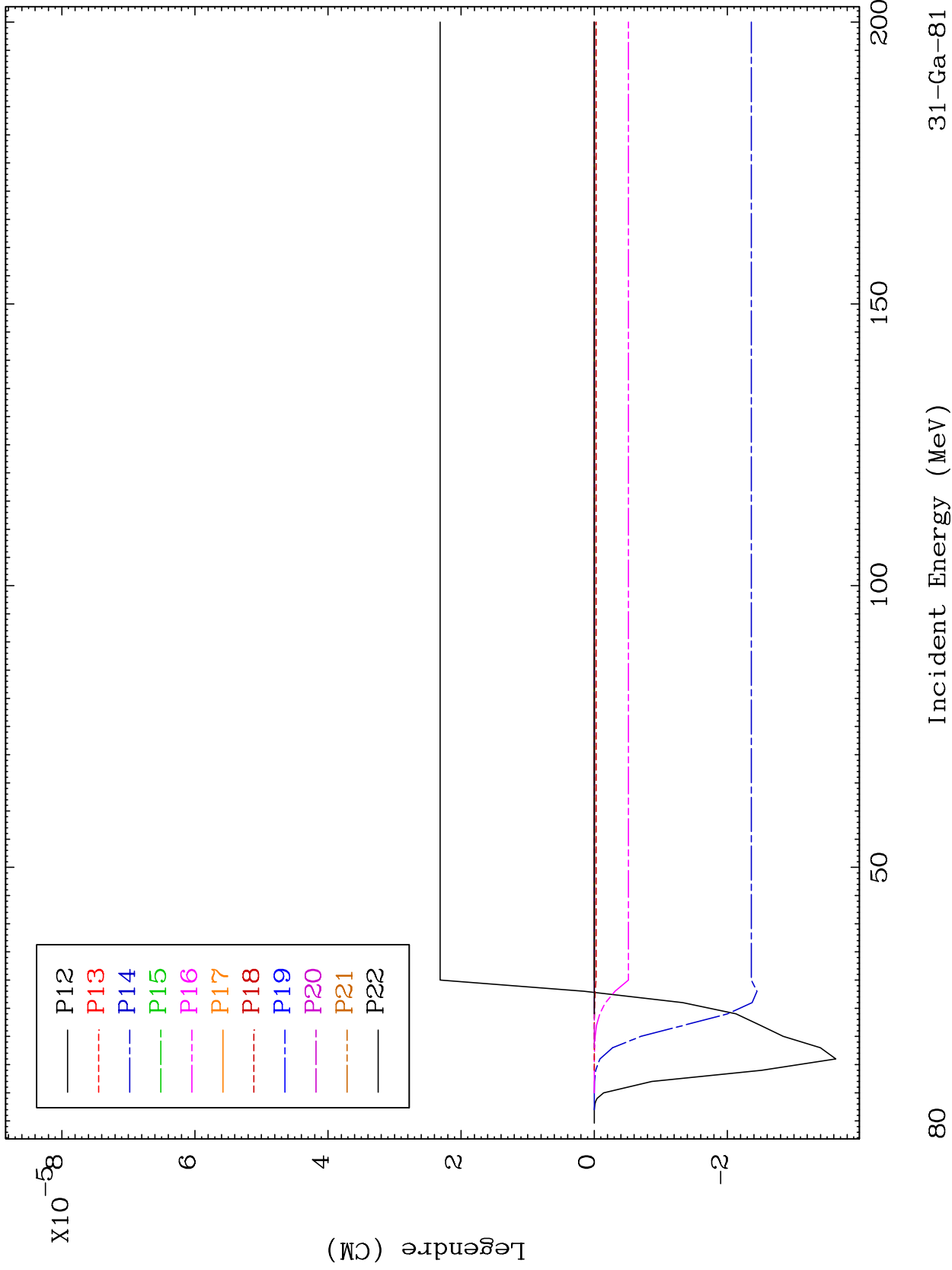




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2.323 MeV (n, n') Level
Legendre Coefficients

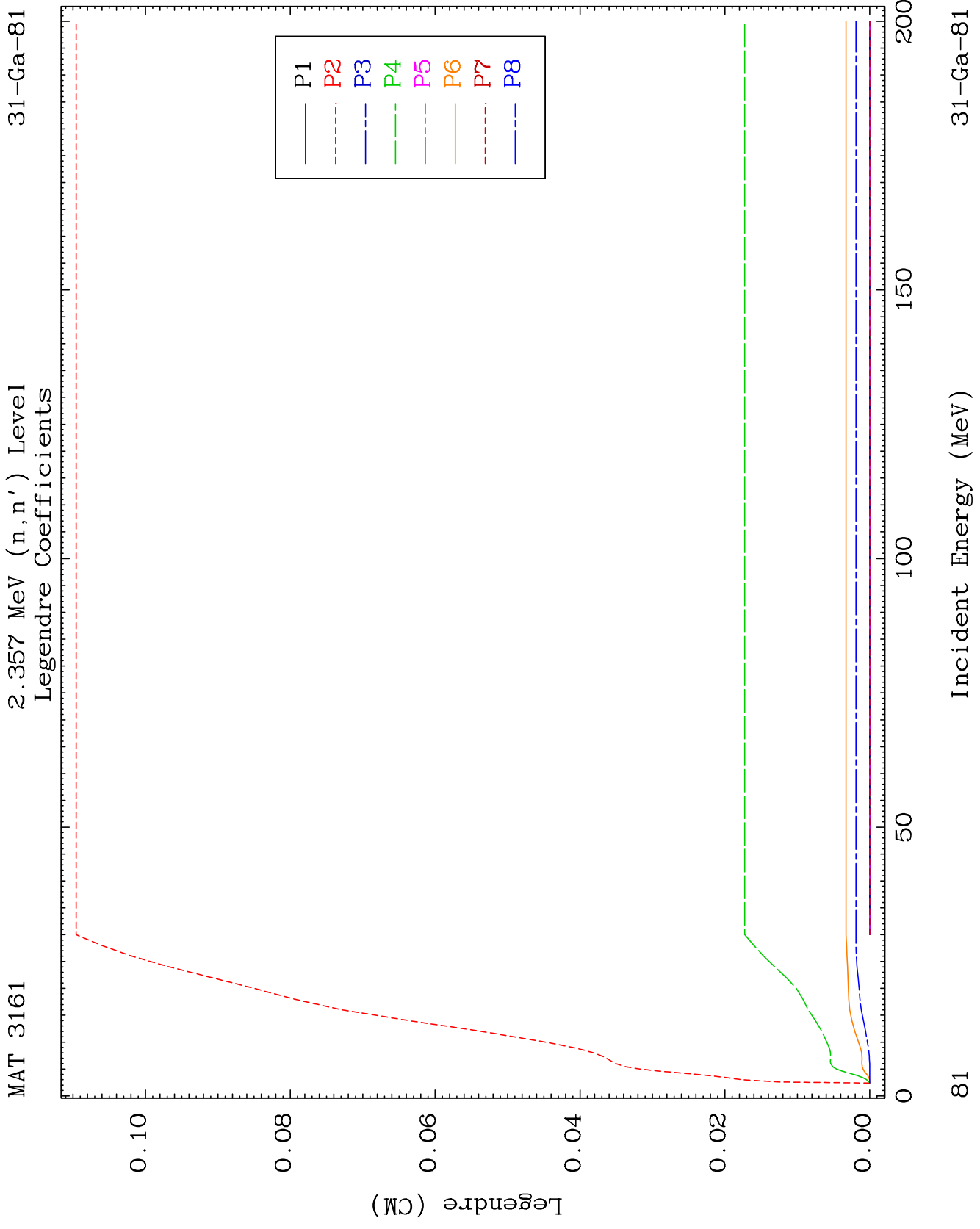
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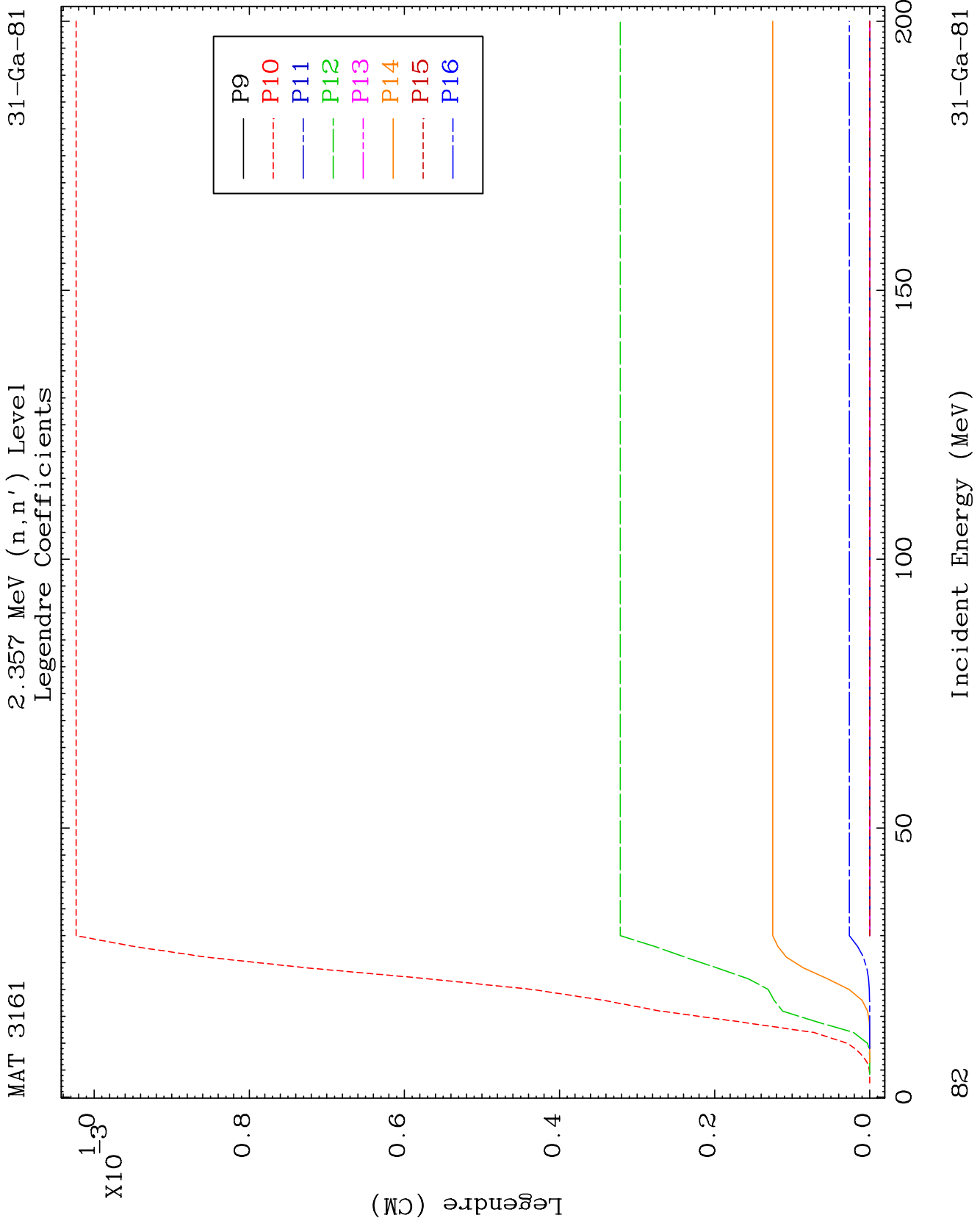


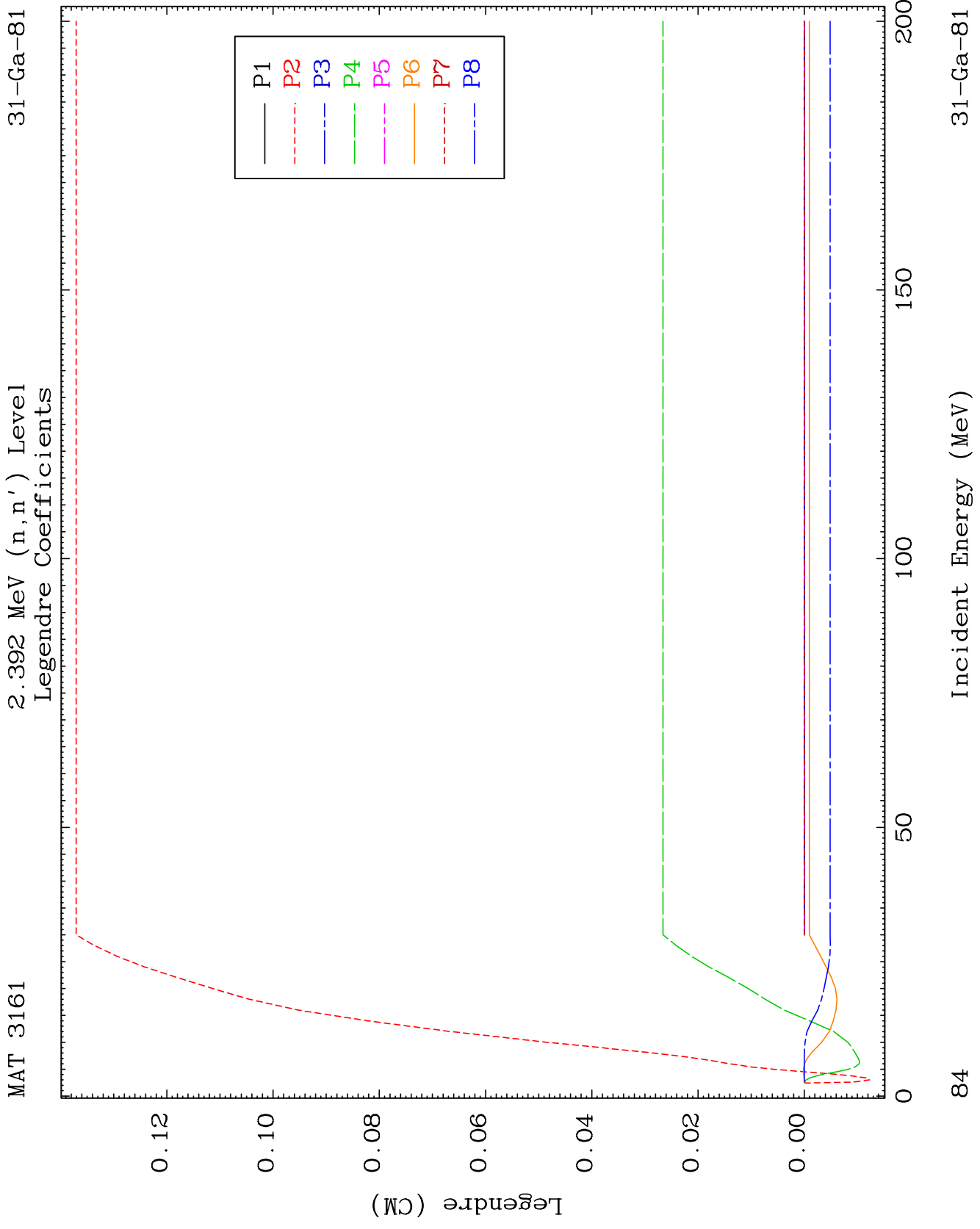
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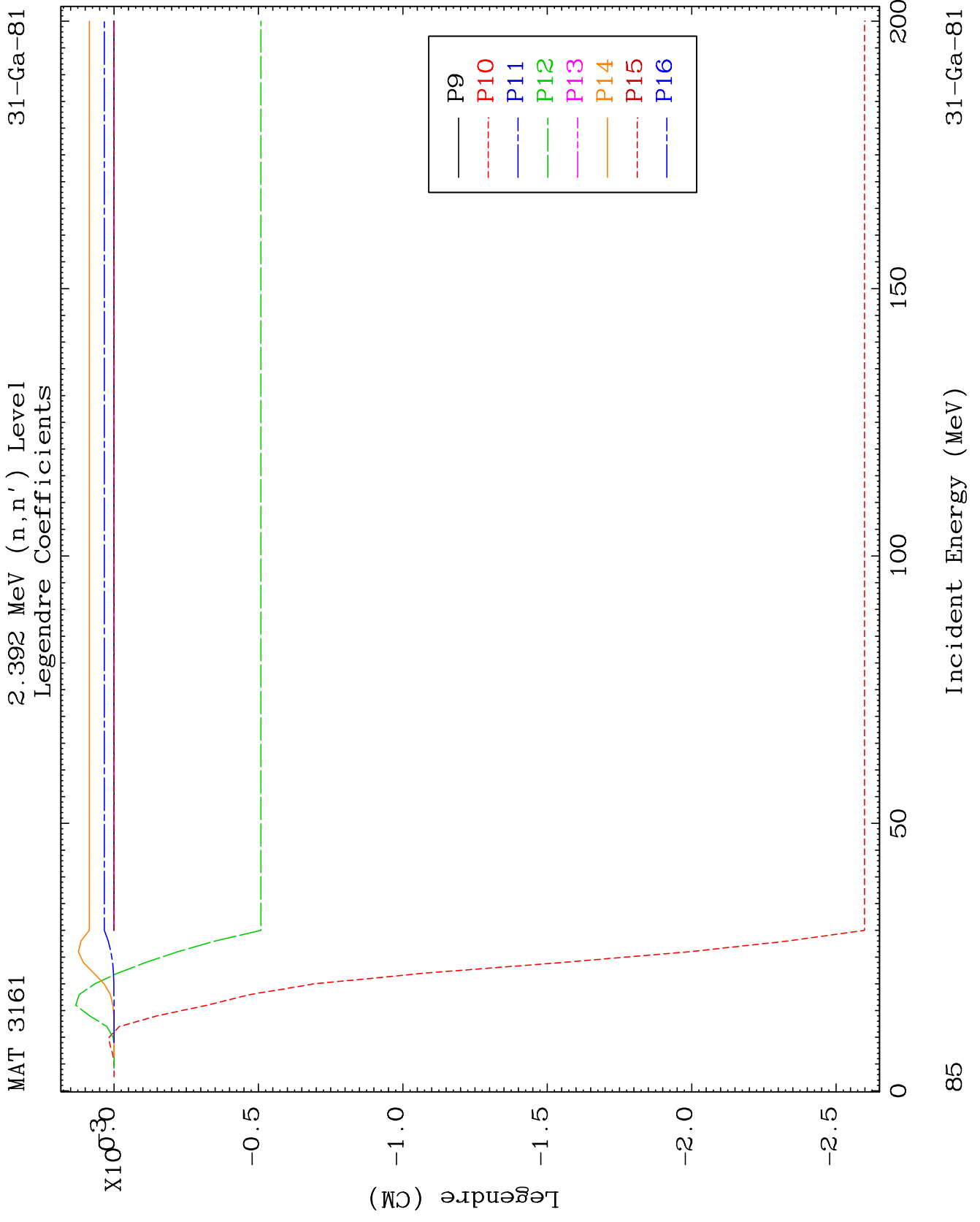
Incident Energy (MeV)

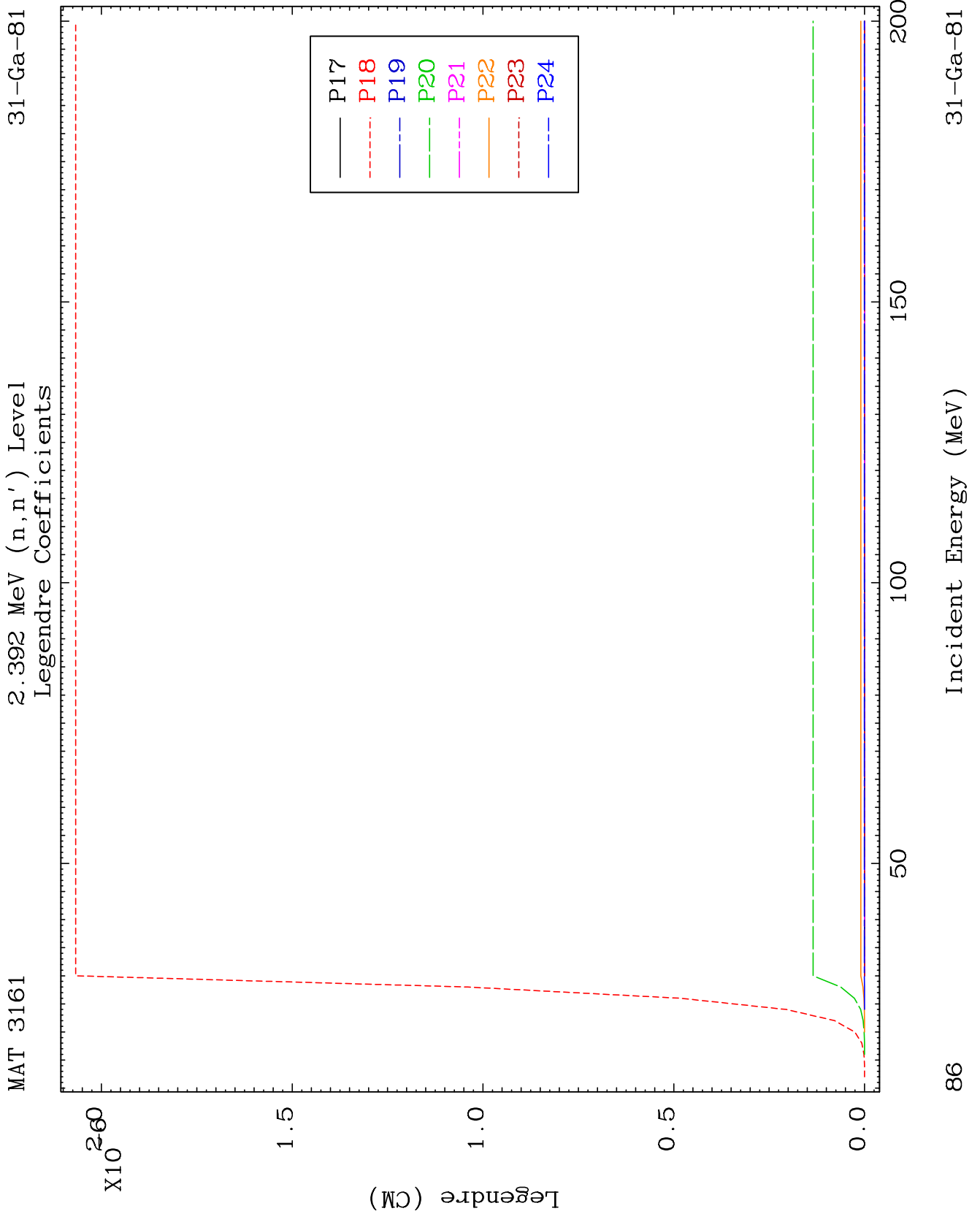
31-Ga-81

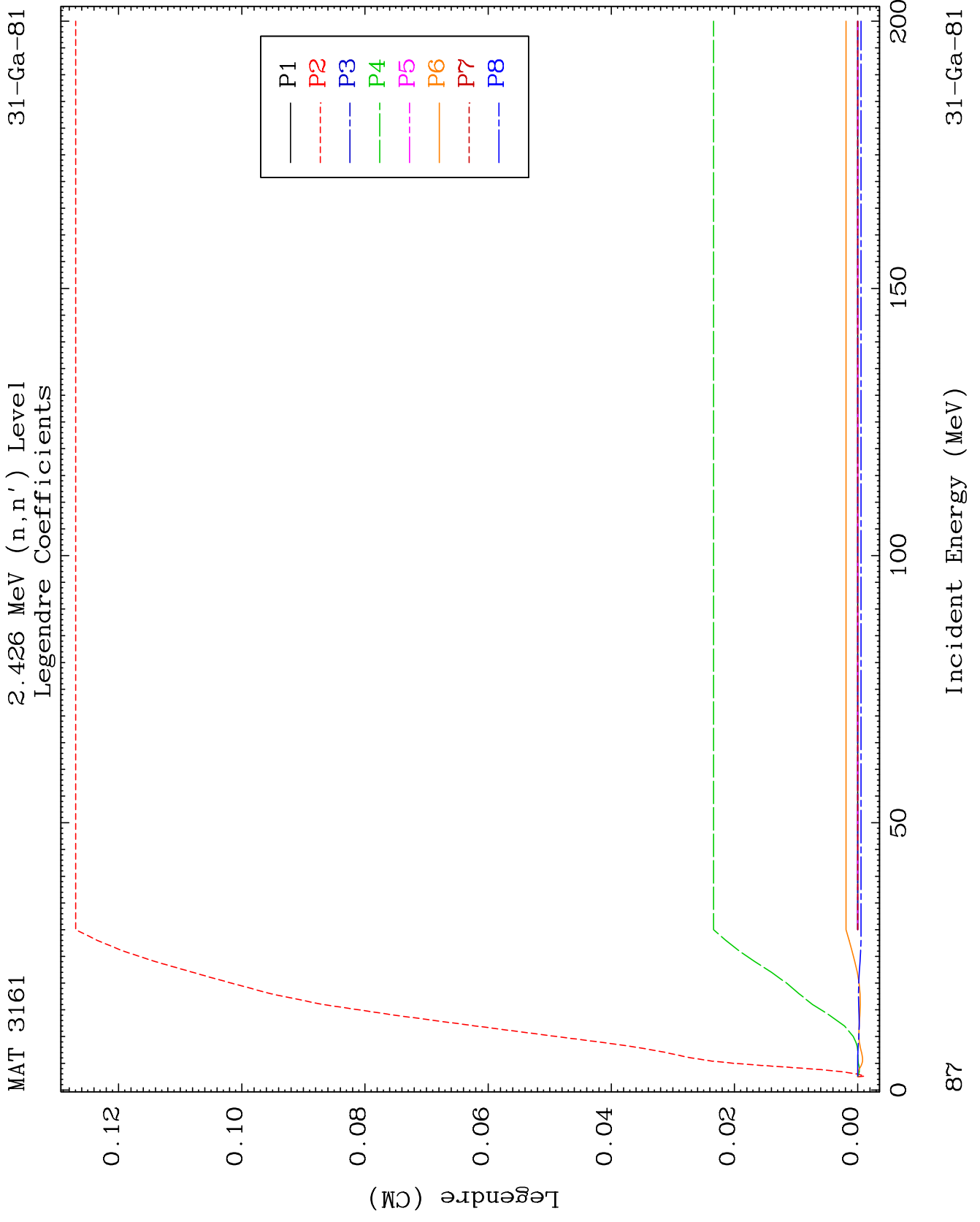








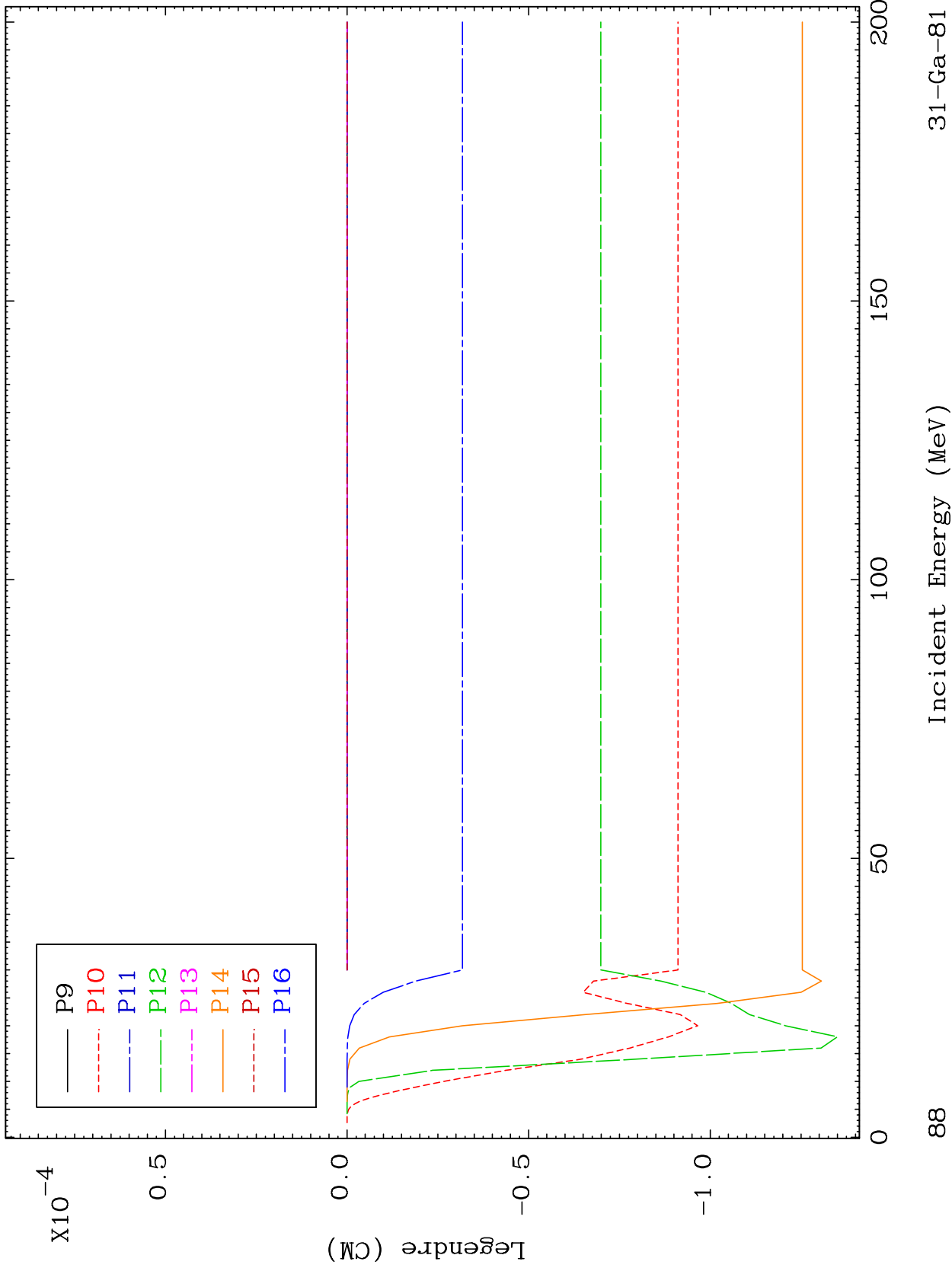




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2.426 MeV (n,n') Level
Legendre Coefficients

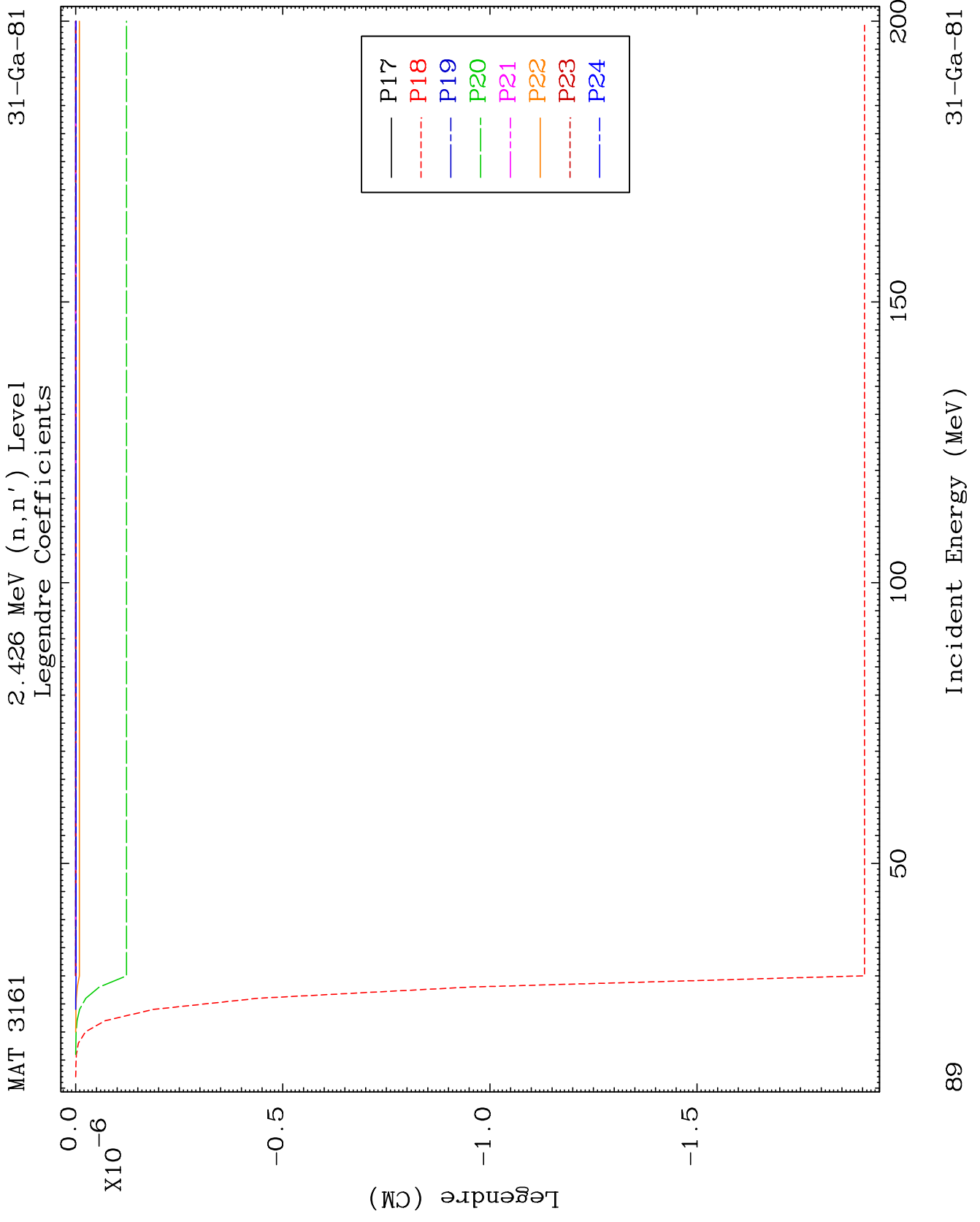
31-Ga-81

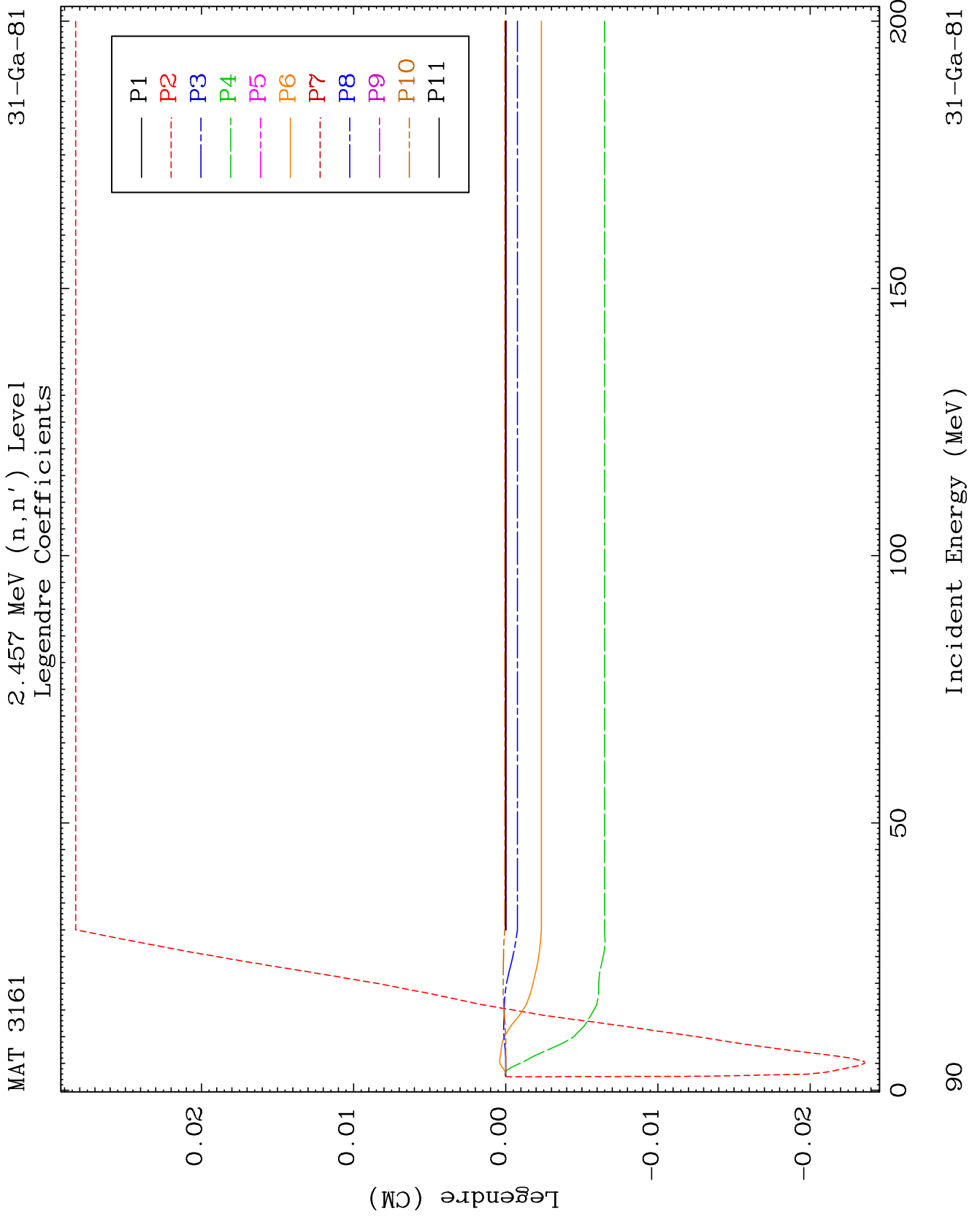


88

Incident Energy (MeV)

31-Ga-81

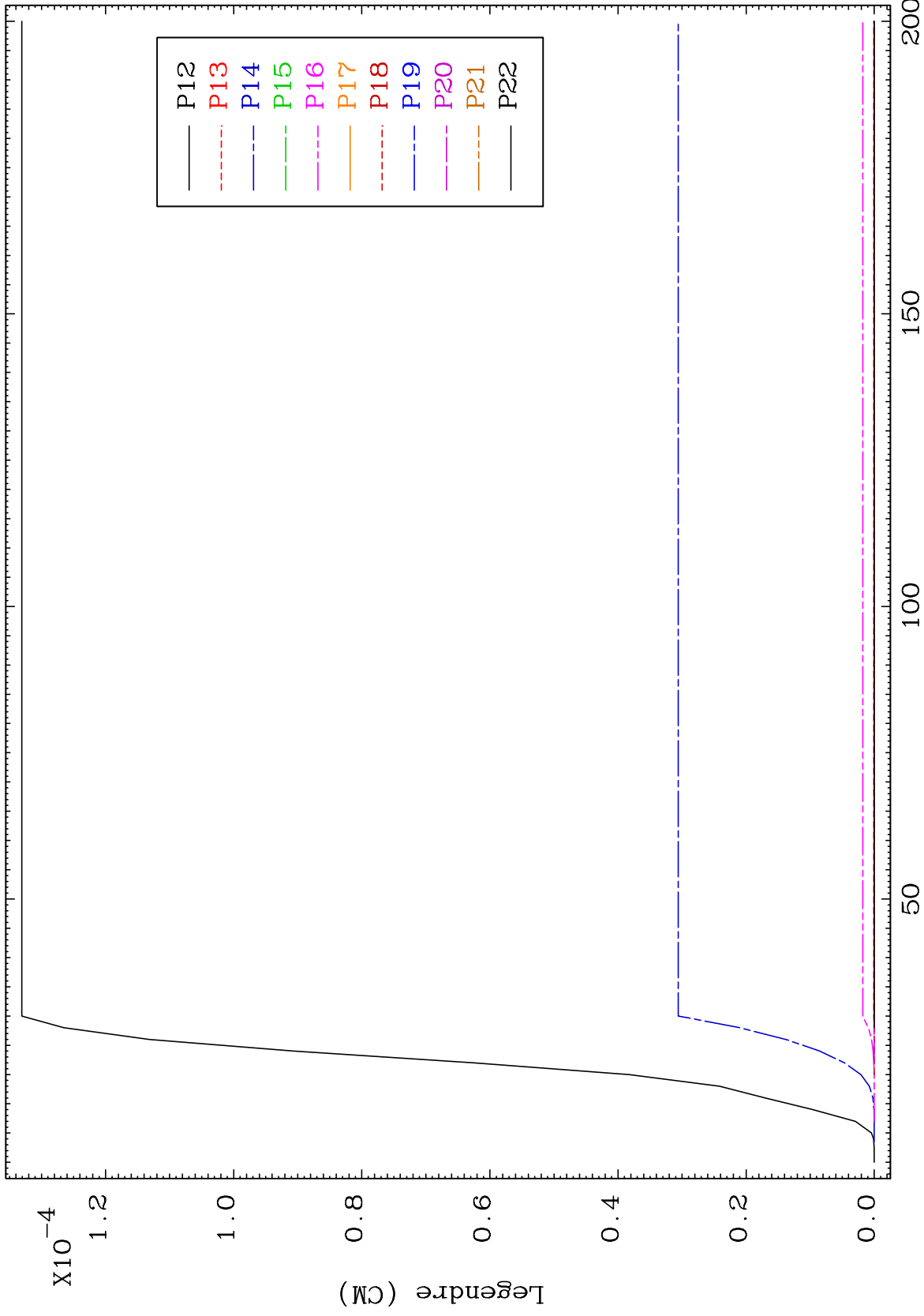




MAT 3161

2.457 MeV (n,n') Level
Legendre Coefficients

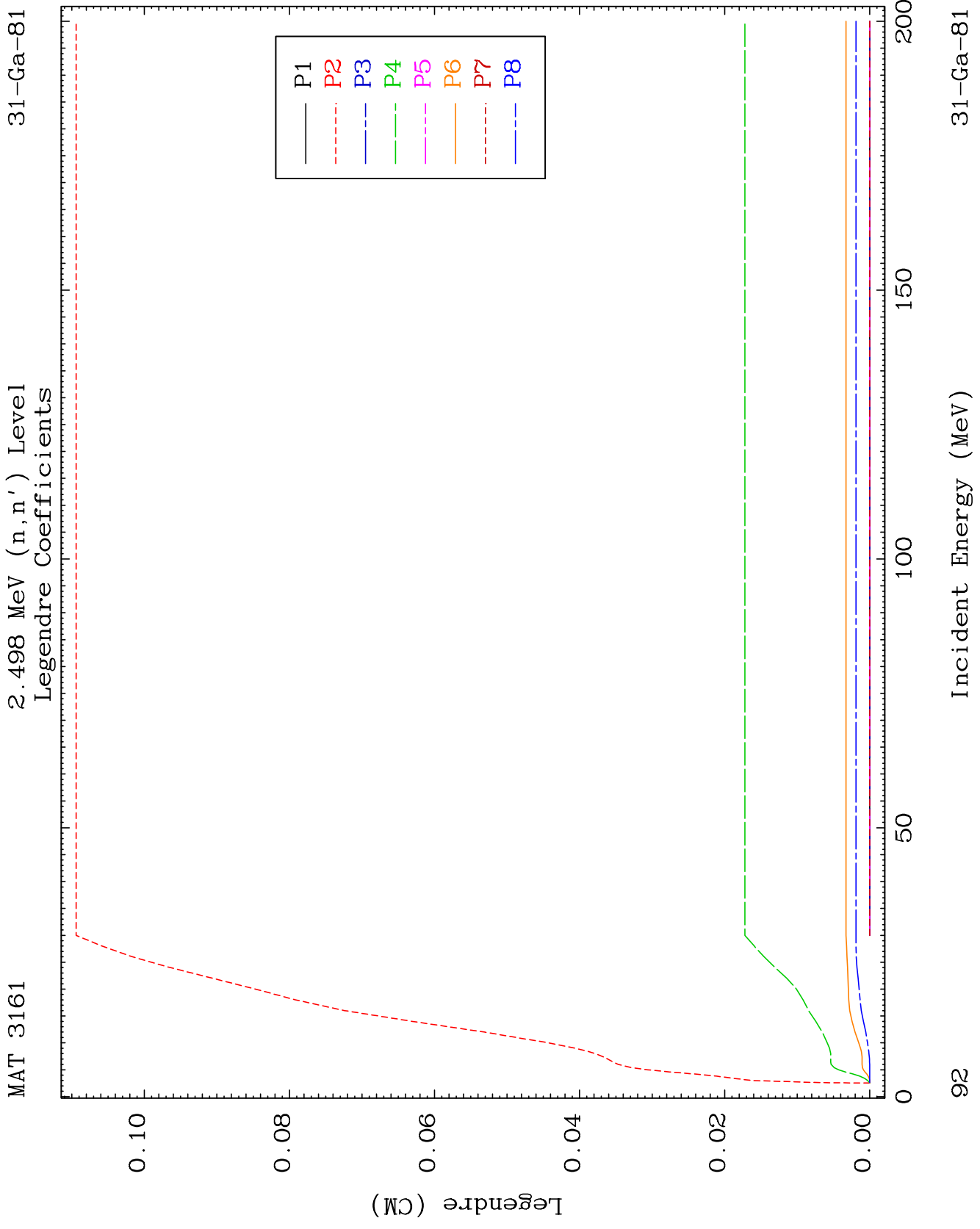
31-Ga-81

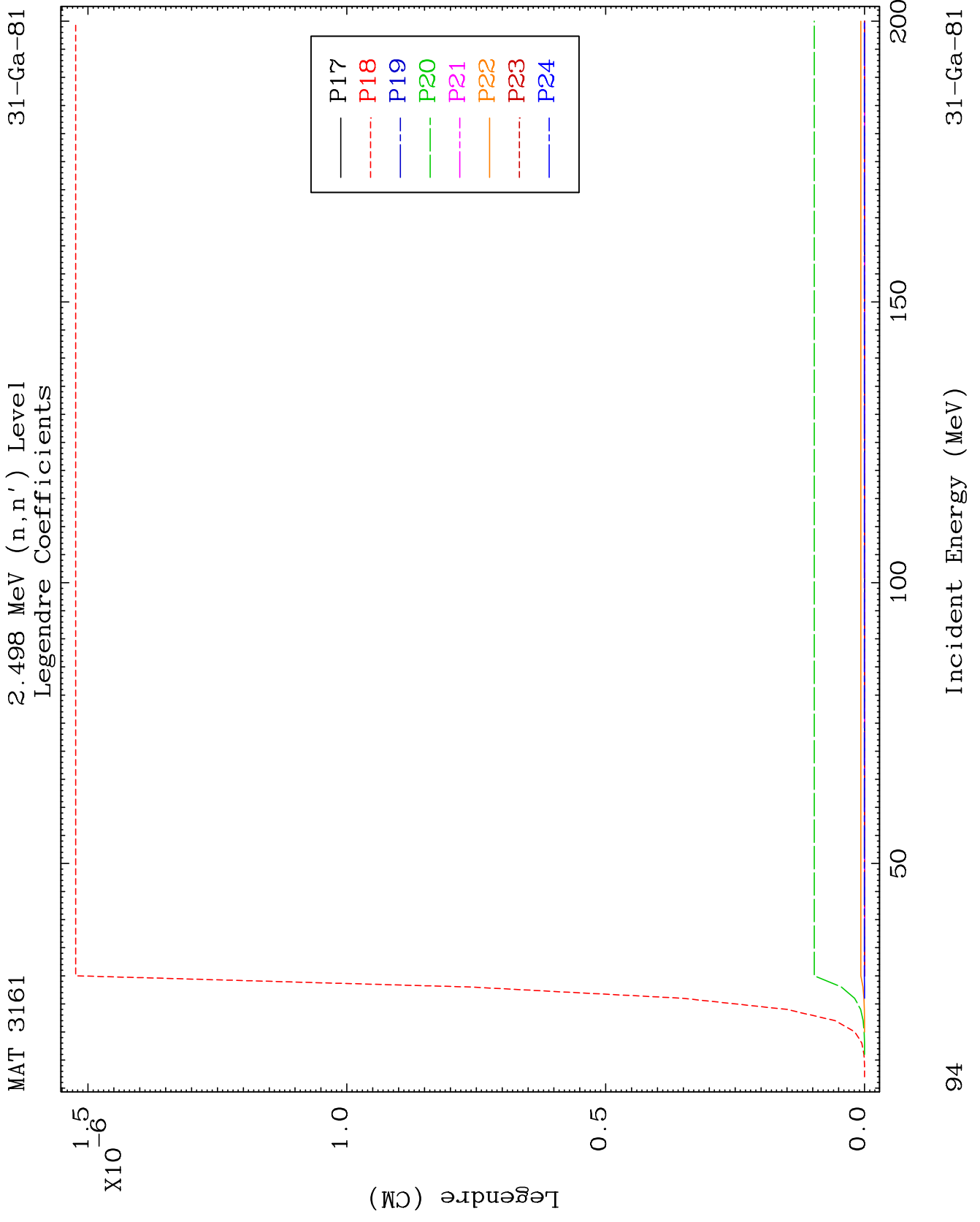


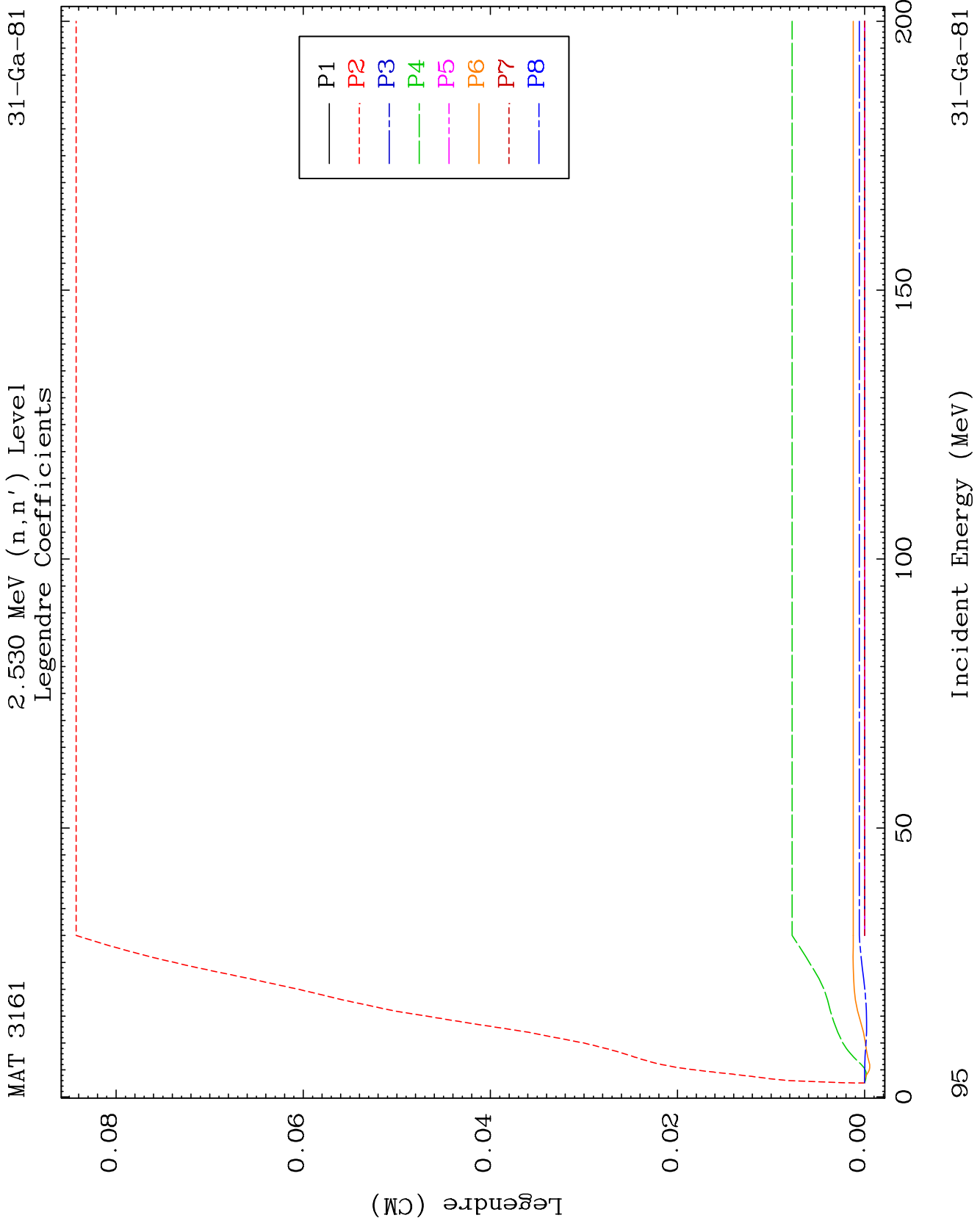
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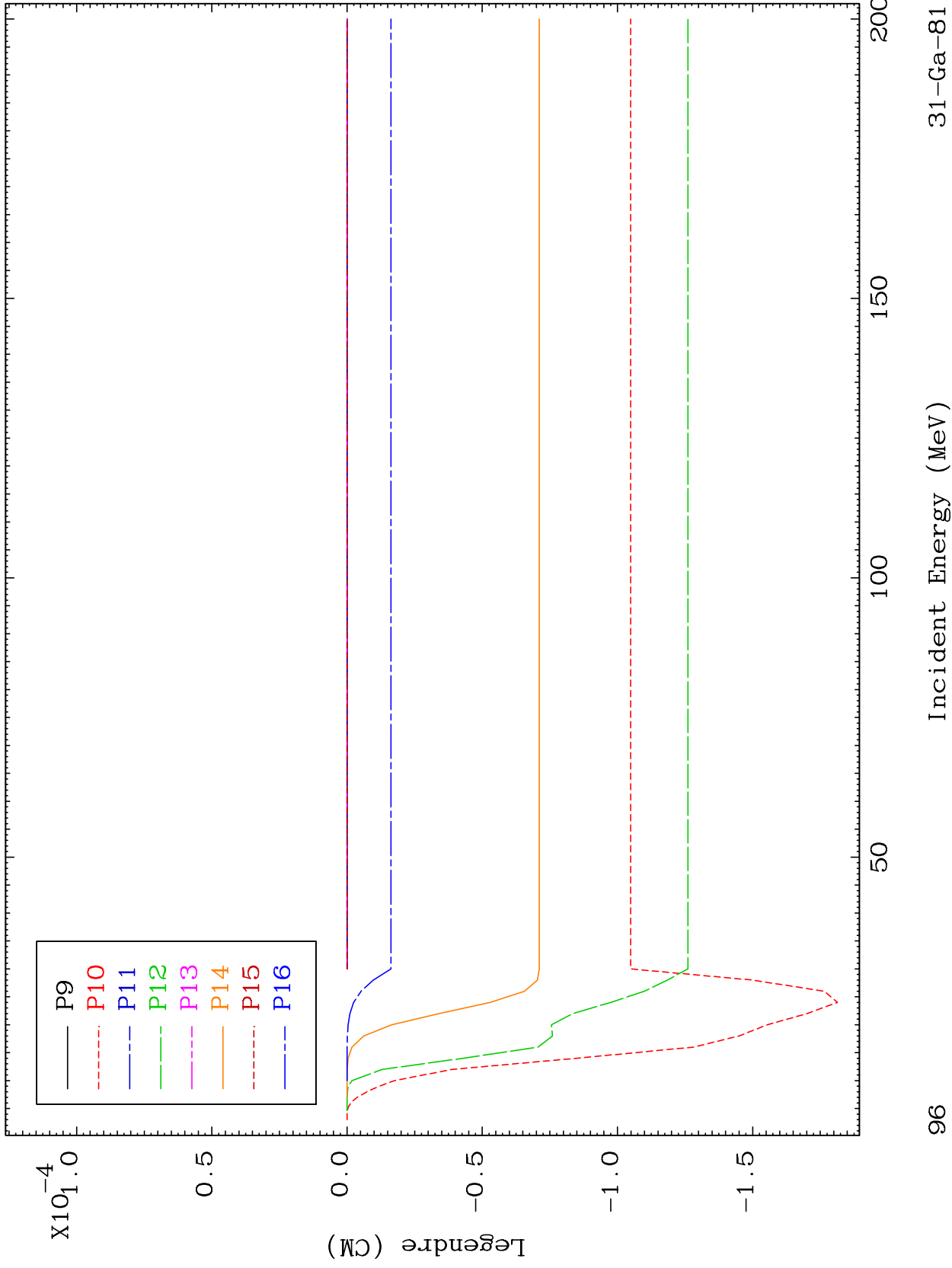
Incident Energy (MeV)

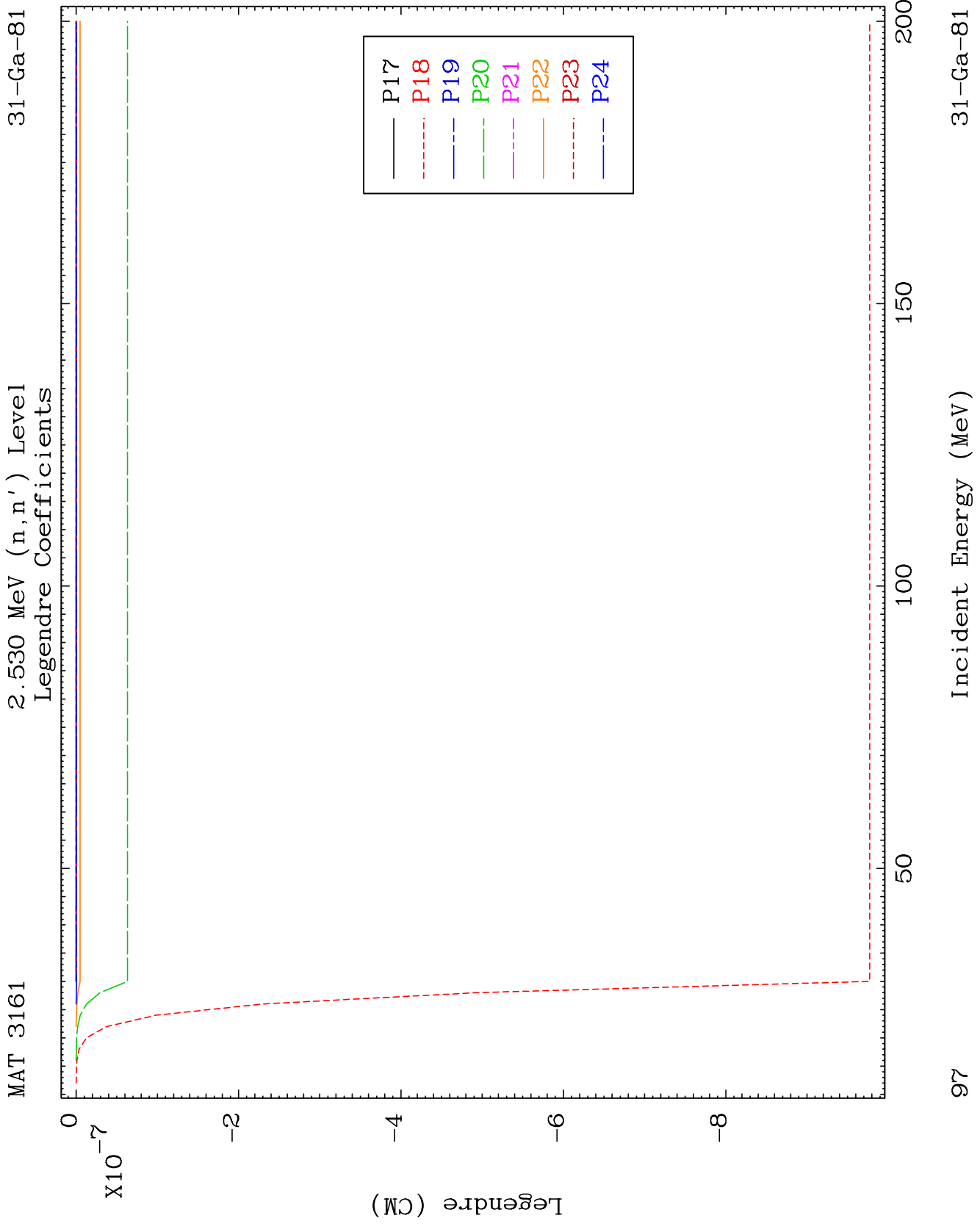
31-Ga-81

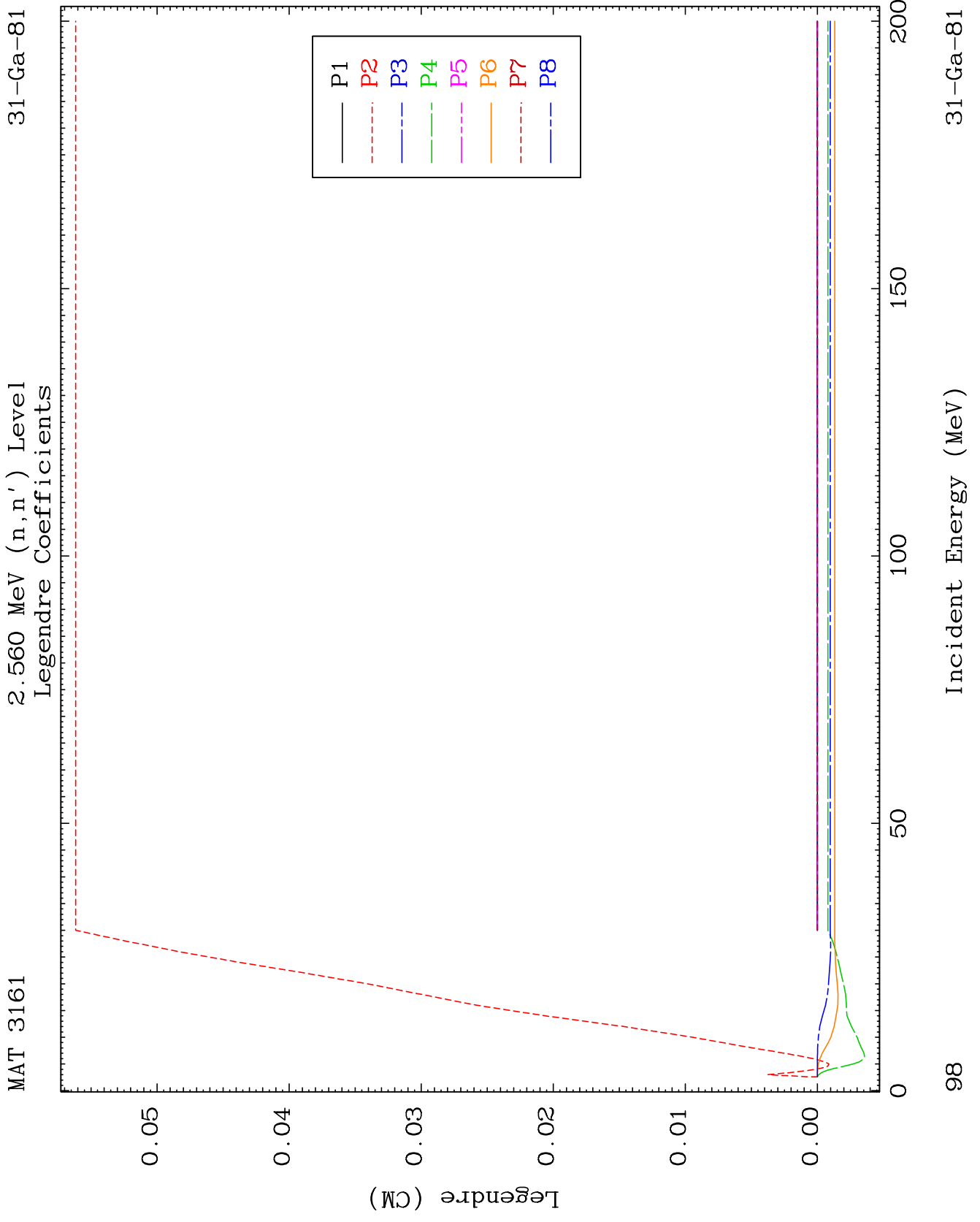


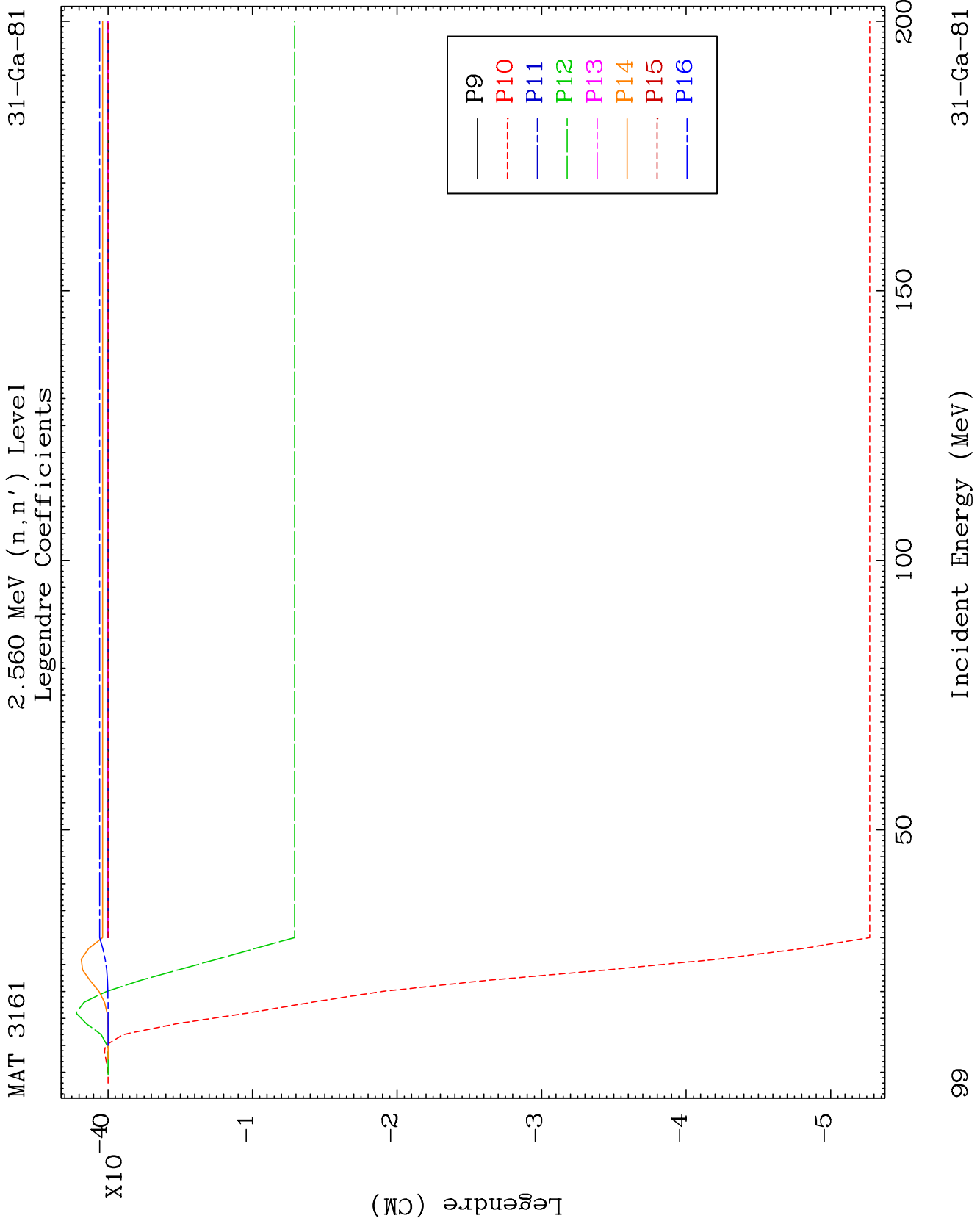


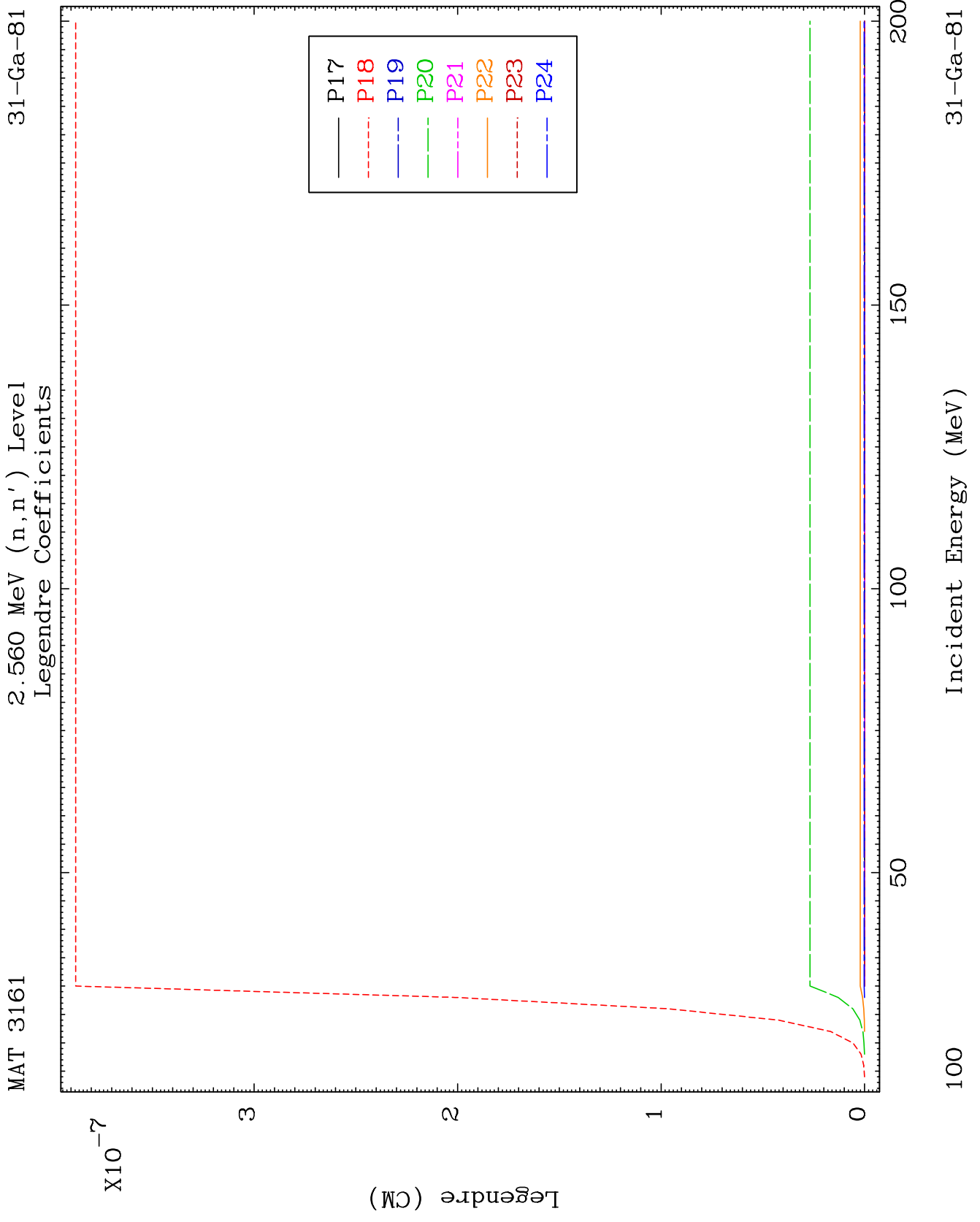








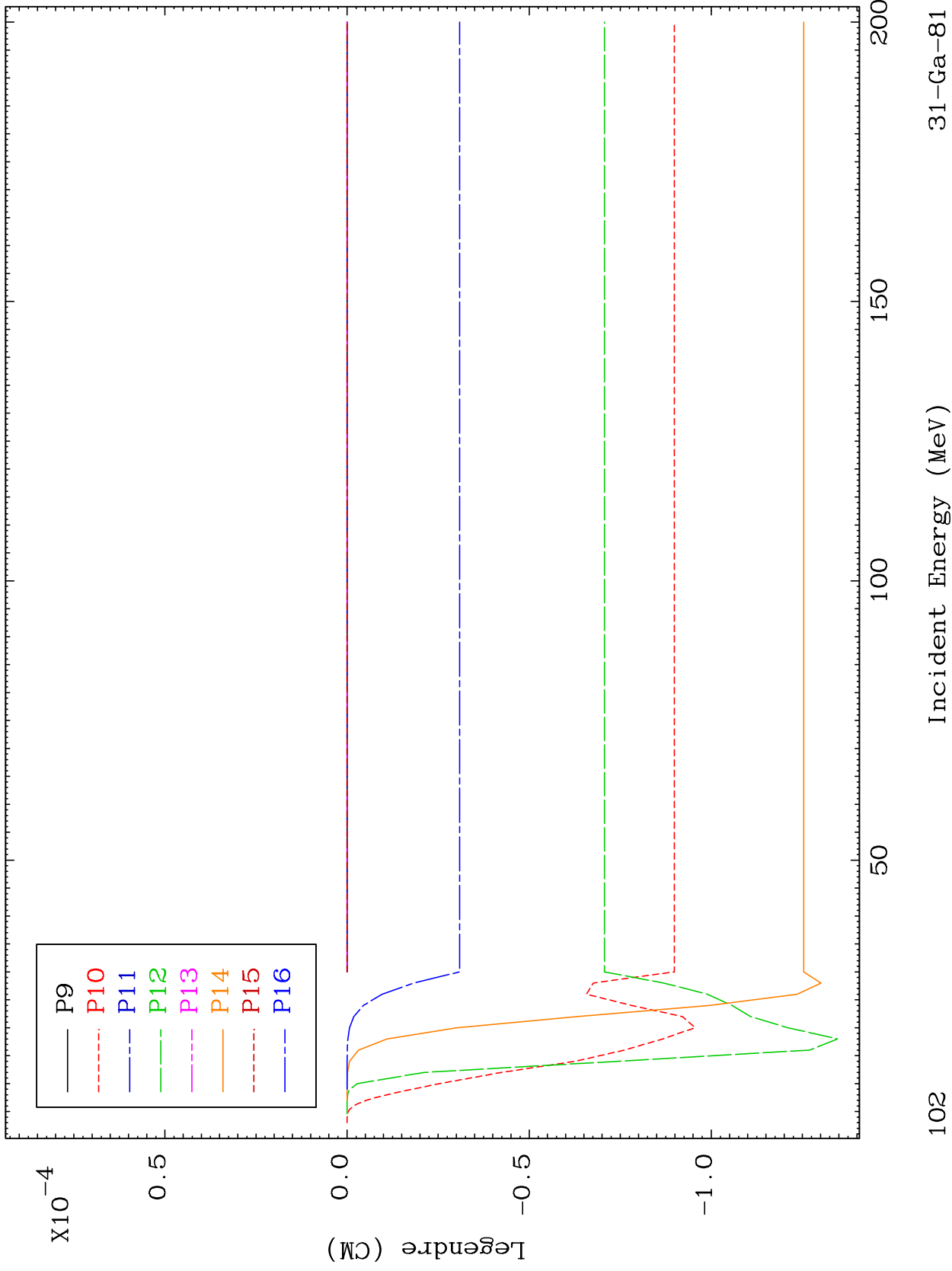




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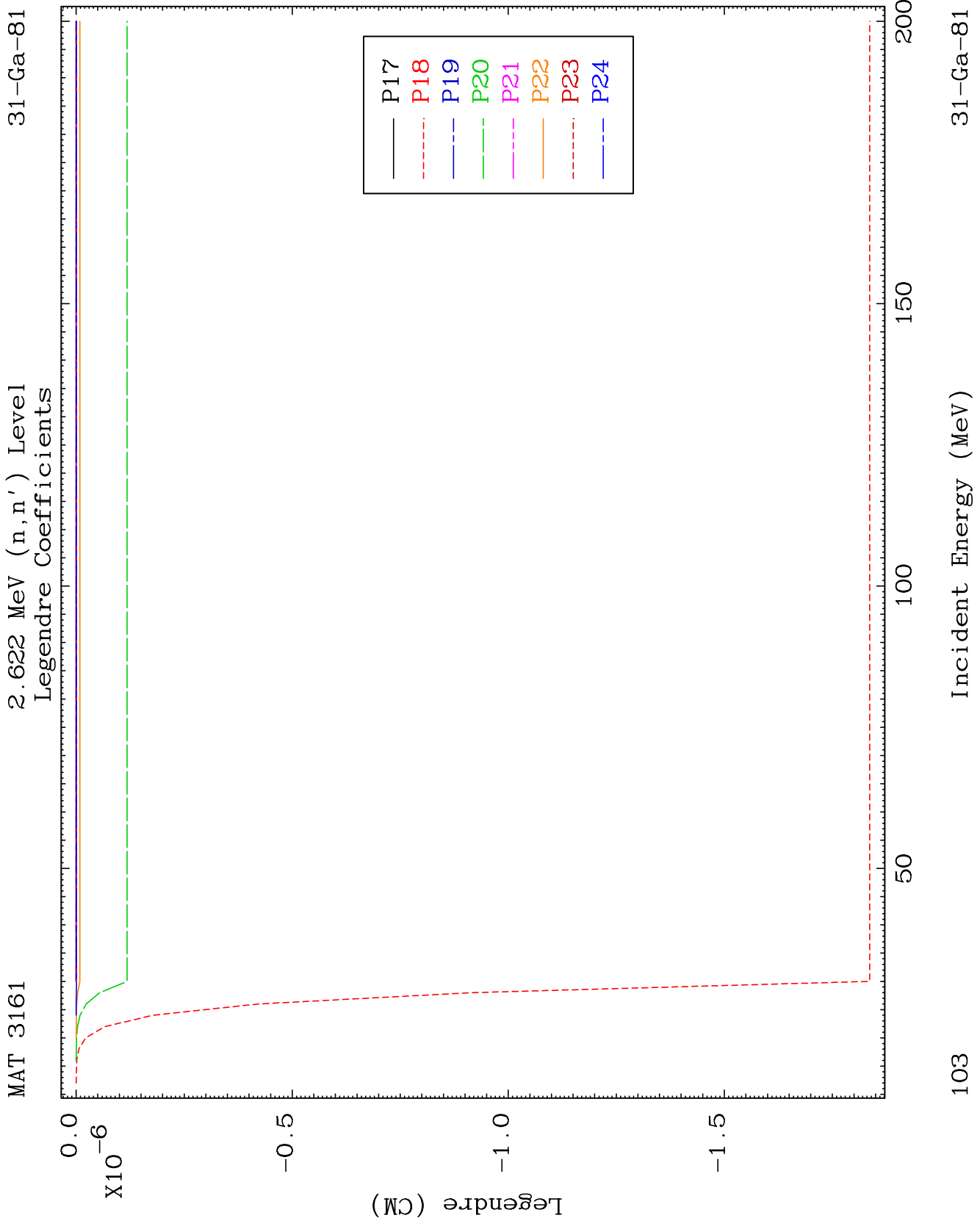
2.622 MeV (n,n') Level
Legendre Coefficients

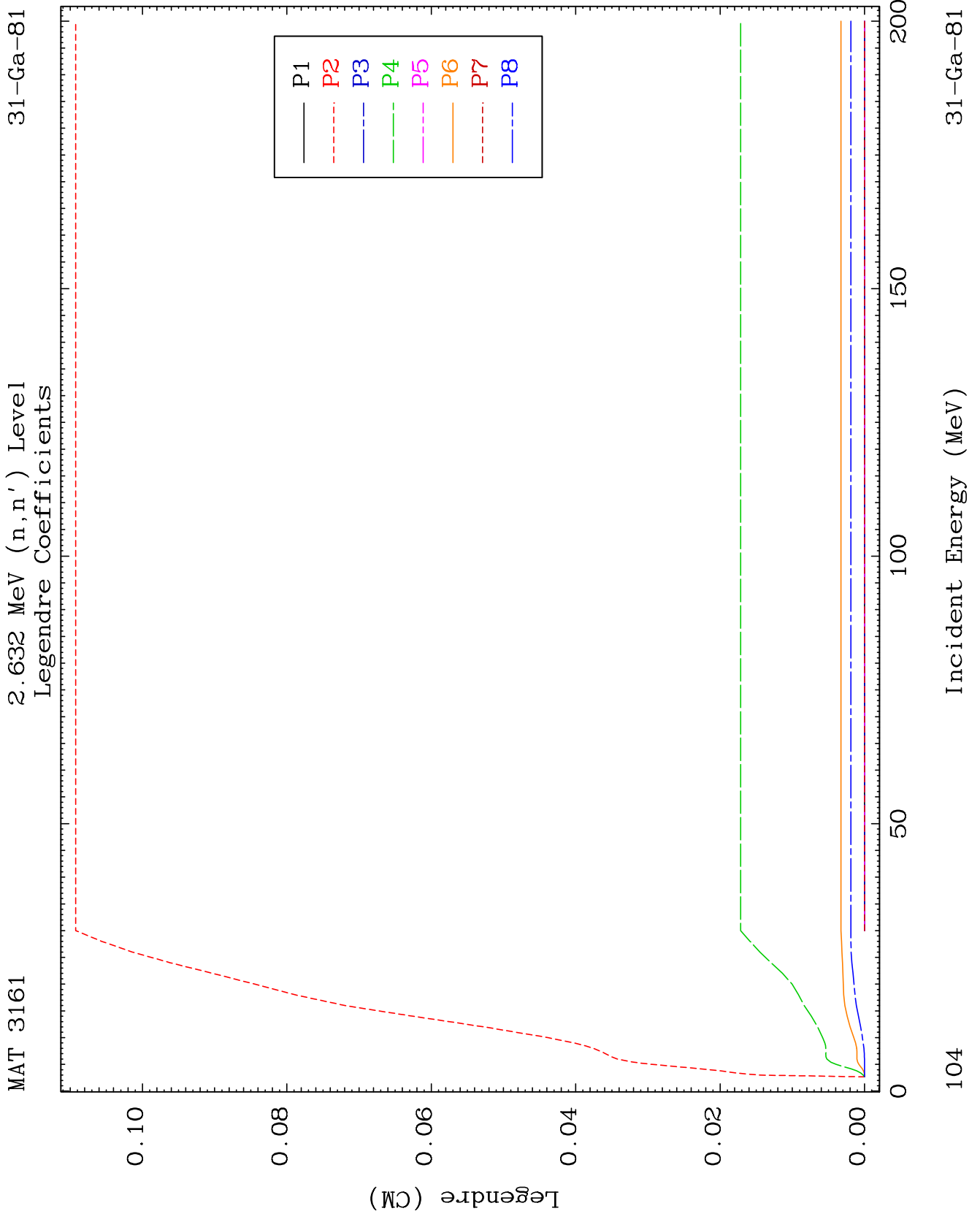
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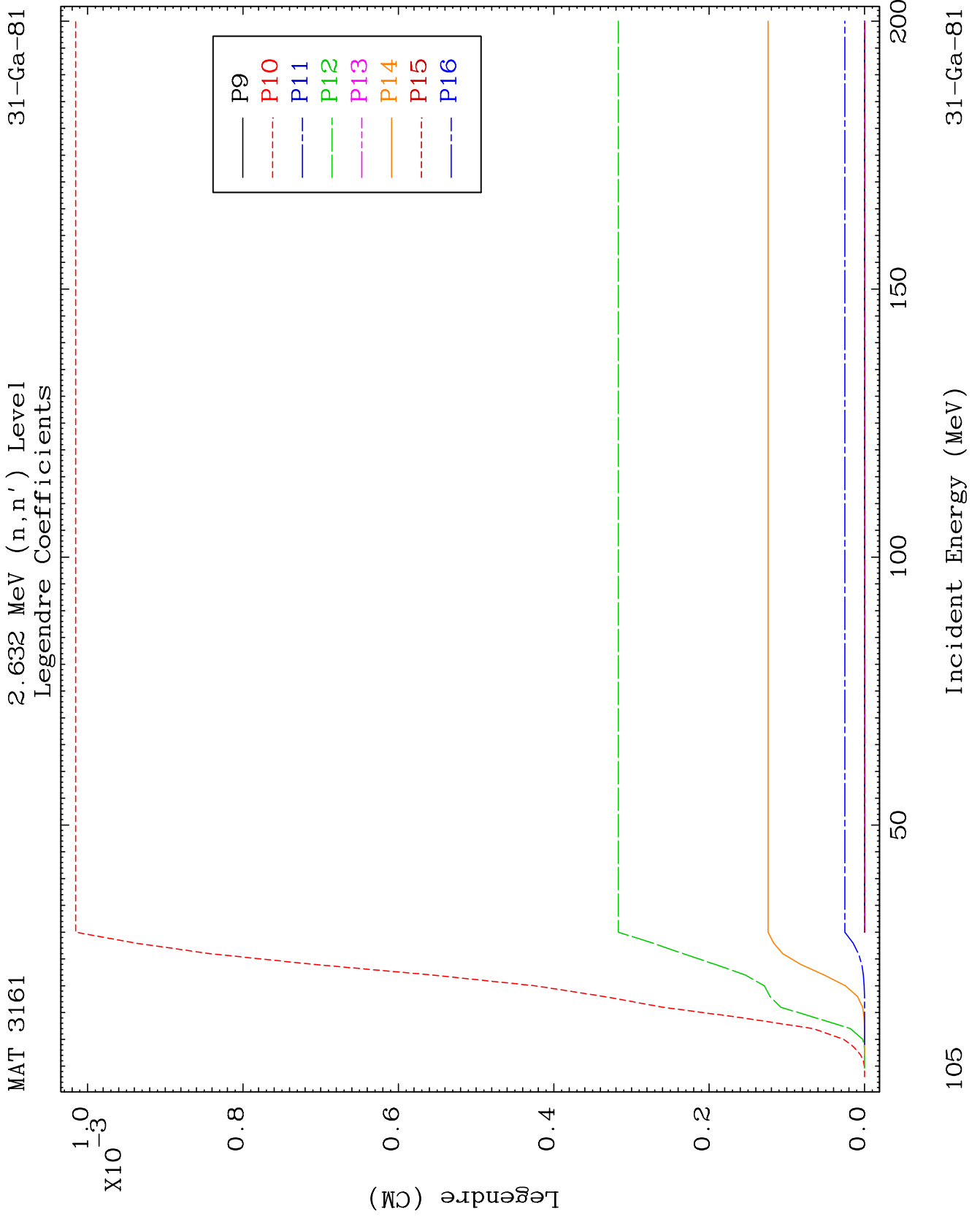


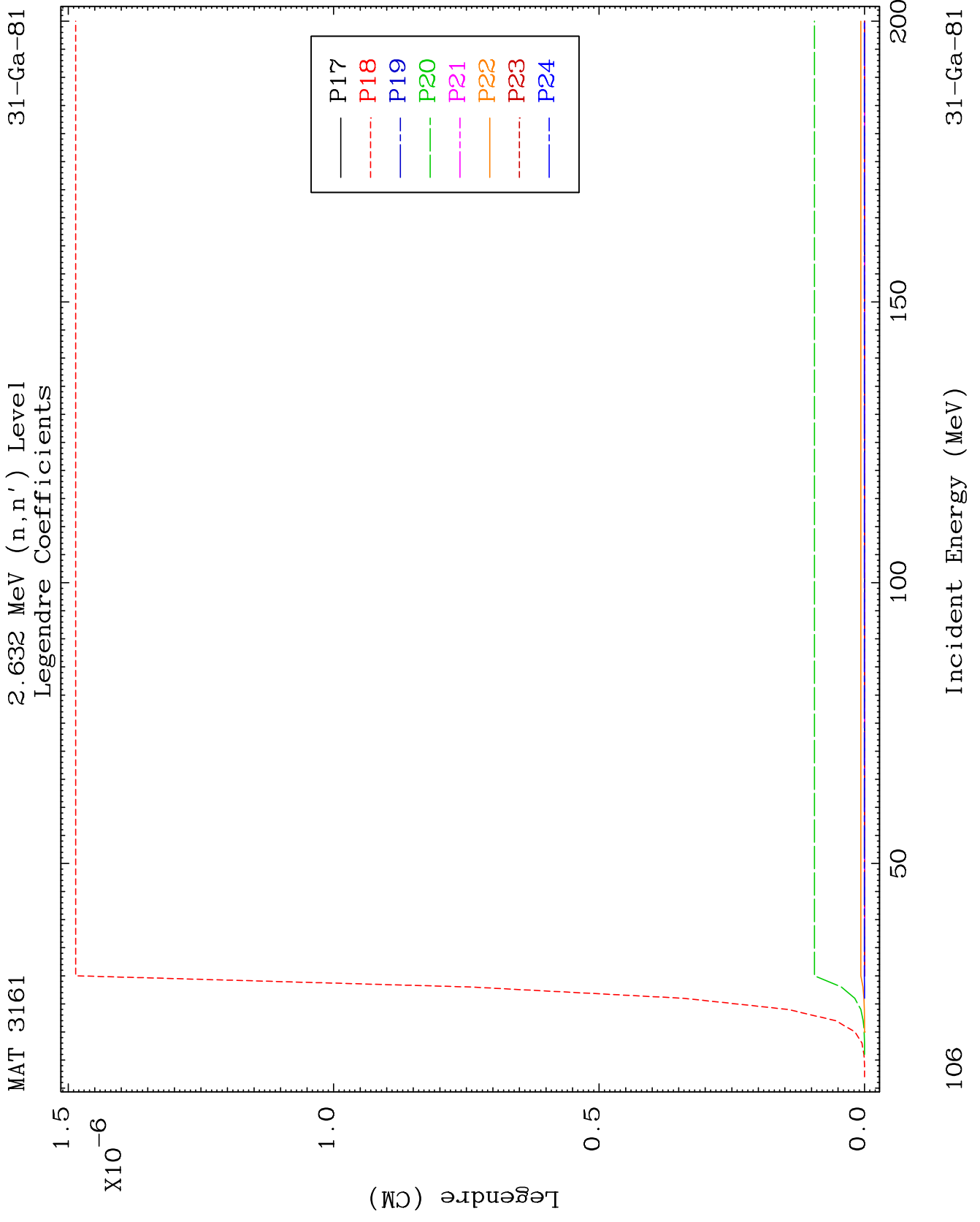
102

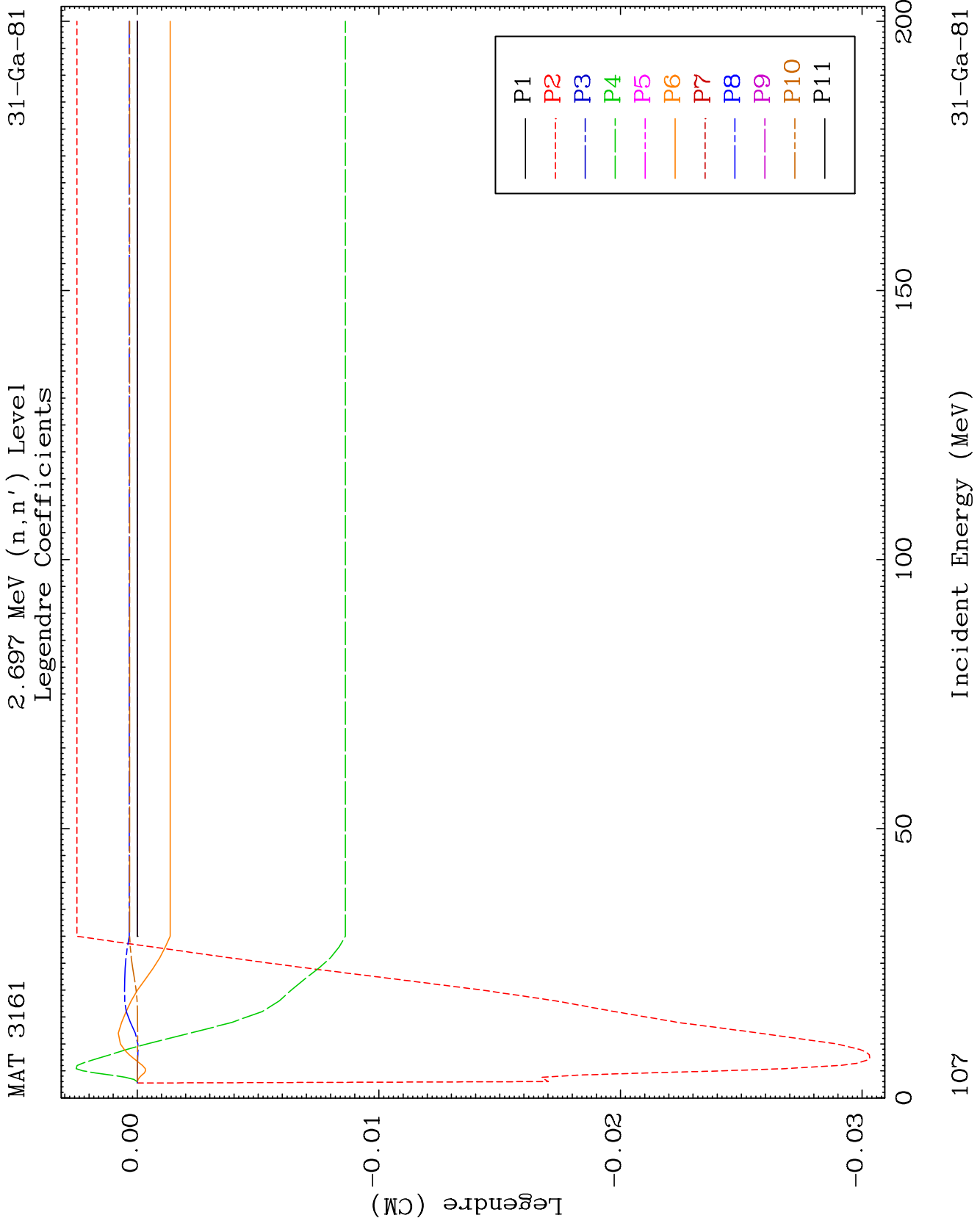
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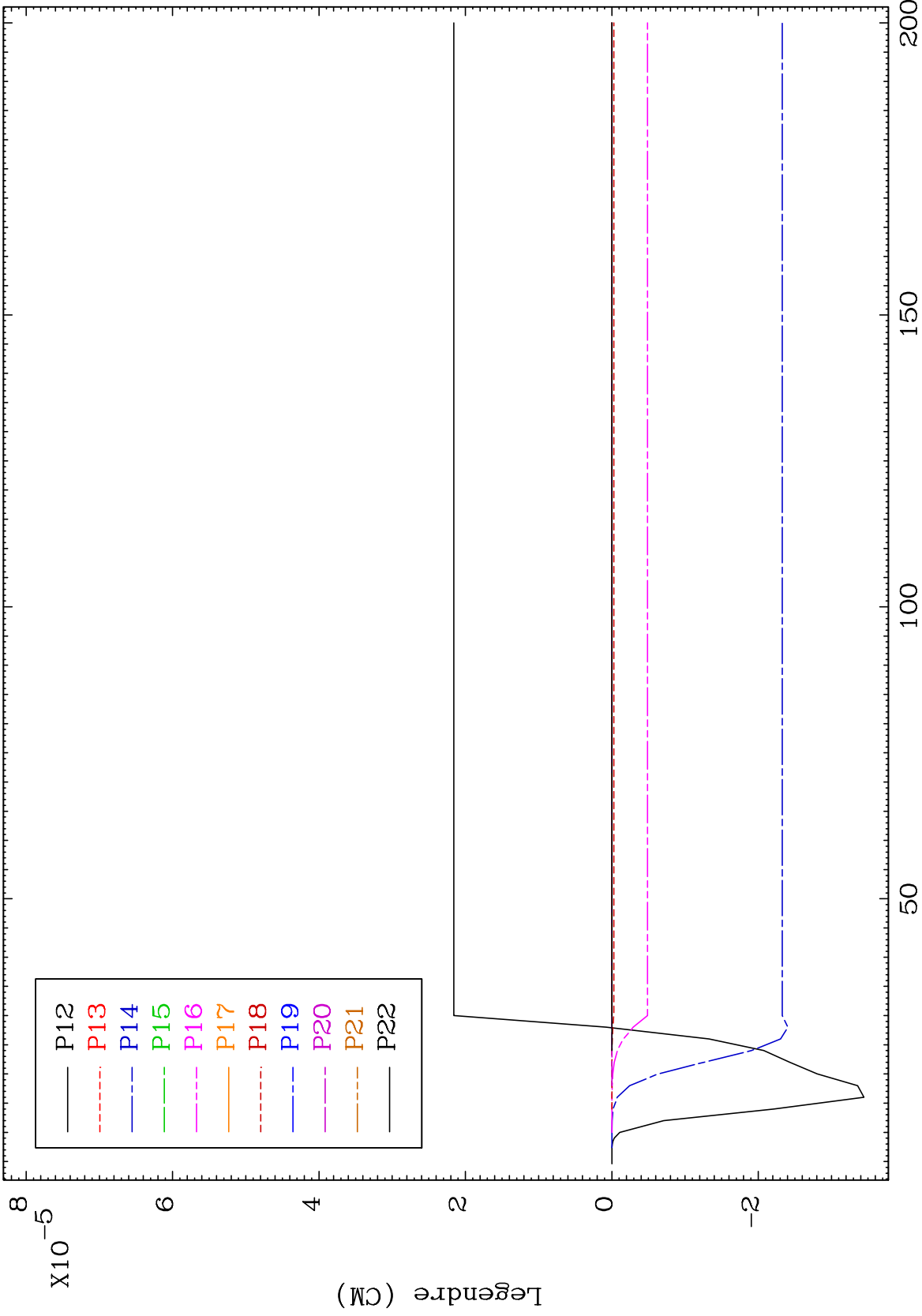




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2.697 MeV (n,n') Level
Legendre Coefficients

31-Ga-81



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Incident Energy (MeV)

31-Ga-81

Radionuclide Production Cross Section

