

Program EVALPLOT
(Version 2015-2)

by

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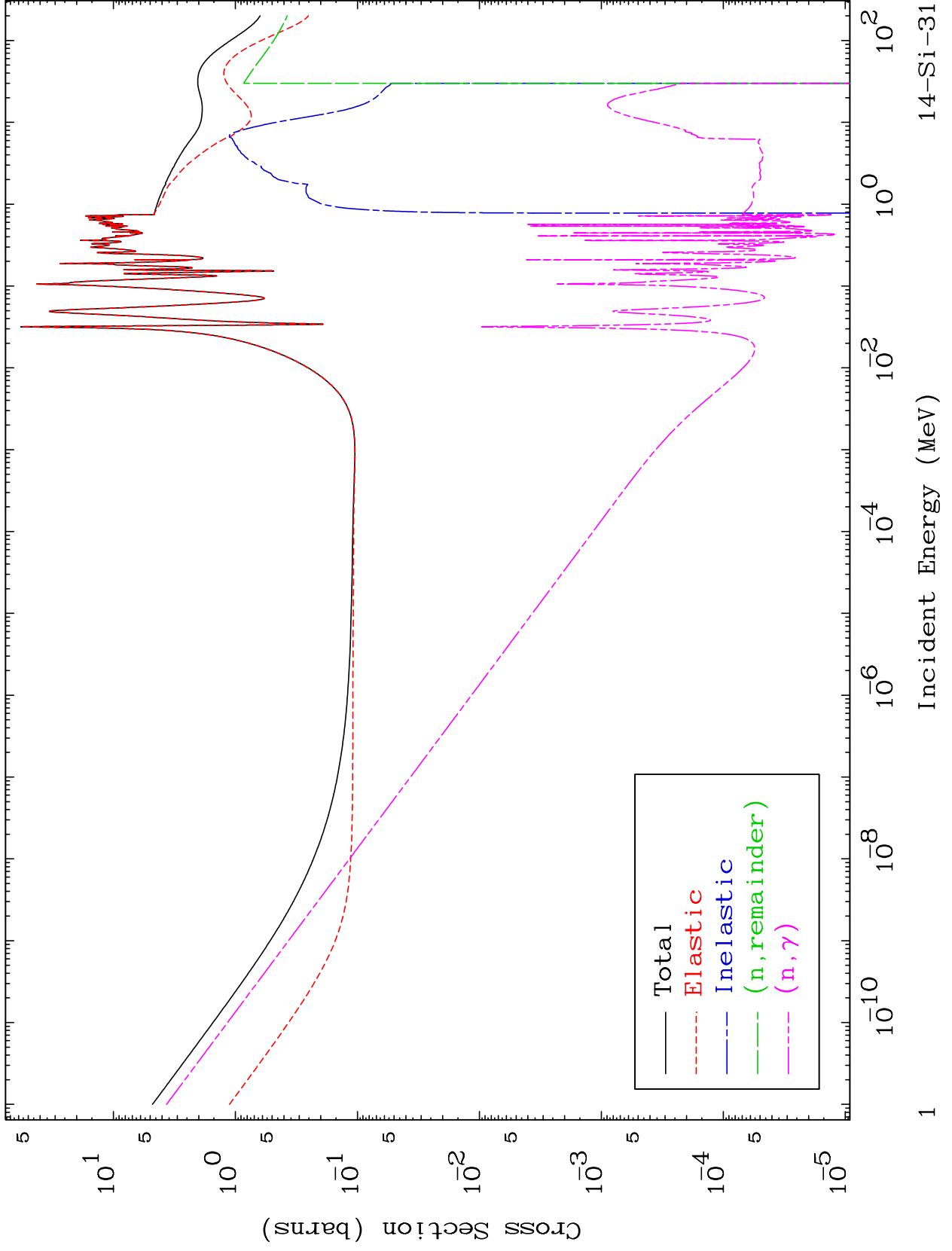
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 1434

Major
293 Kelvin Cross Sections

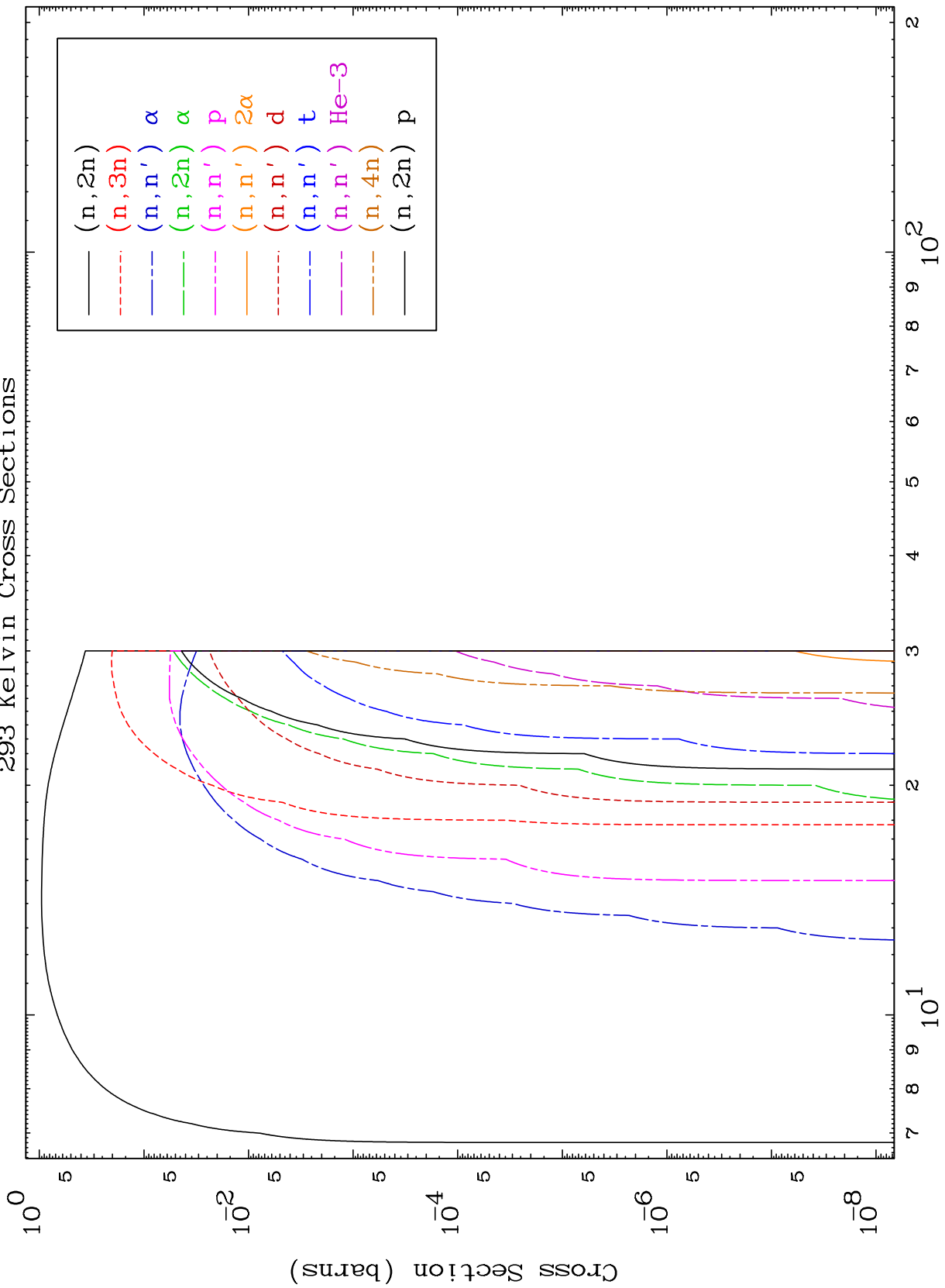
14-Si-31



MAT 1434

Neutron Production
293 Kelvin Cross Sections

14-Si-31



2

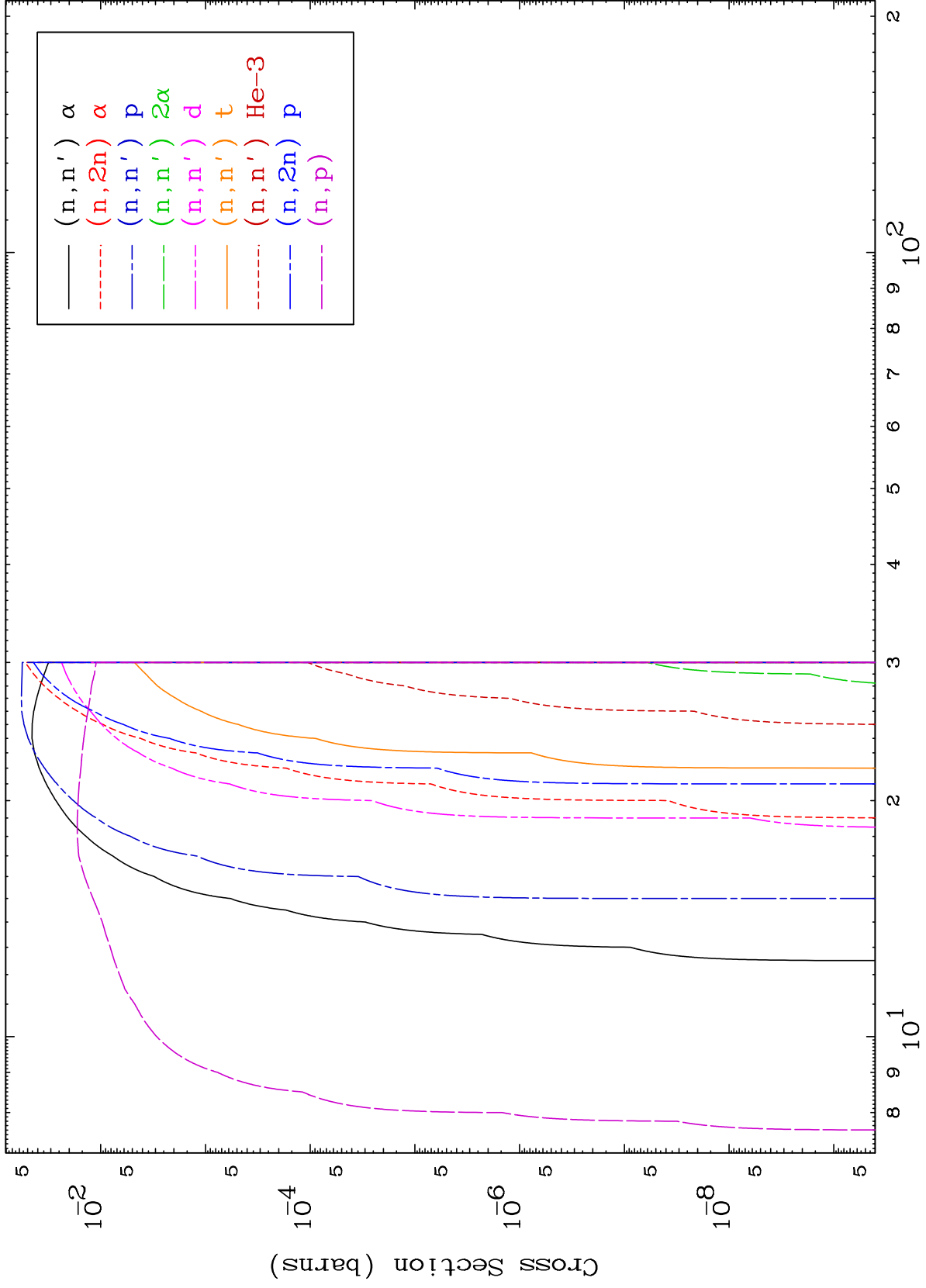
Incident Energy (MeV)

14-Si-31

MAT 1434

Charged Particle
293 Kelvin Cross Sections

14-Si-31



3

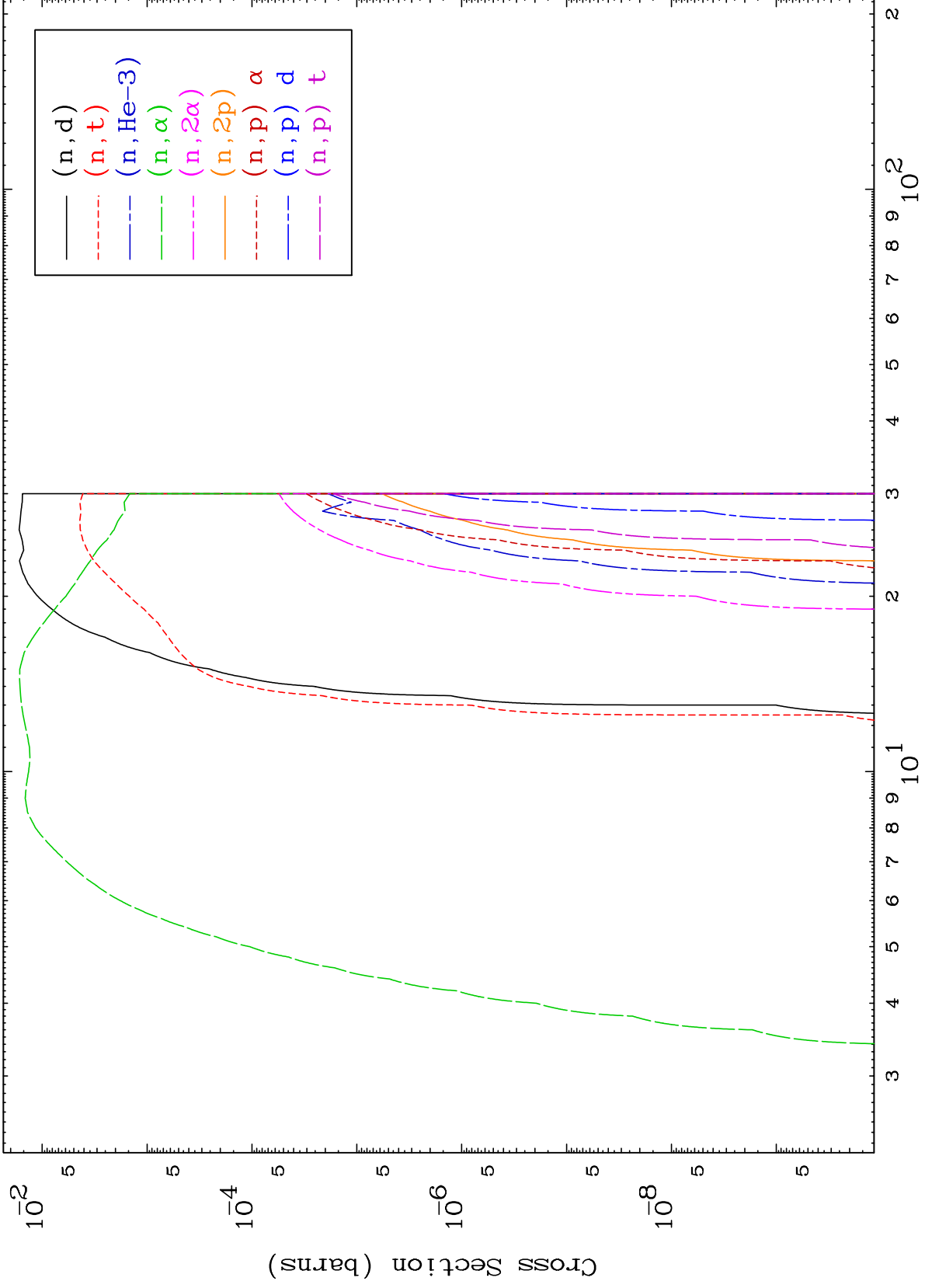
Incident Energy (MeV)

14-Si-31

MAT 1434

Charged Particle
293 Kelvin Cross Sections

14-Si-31



4

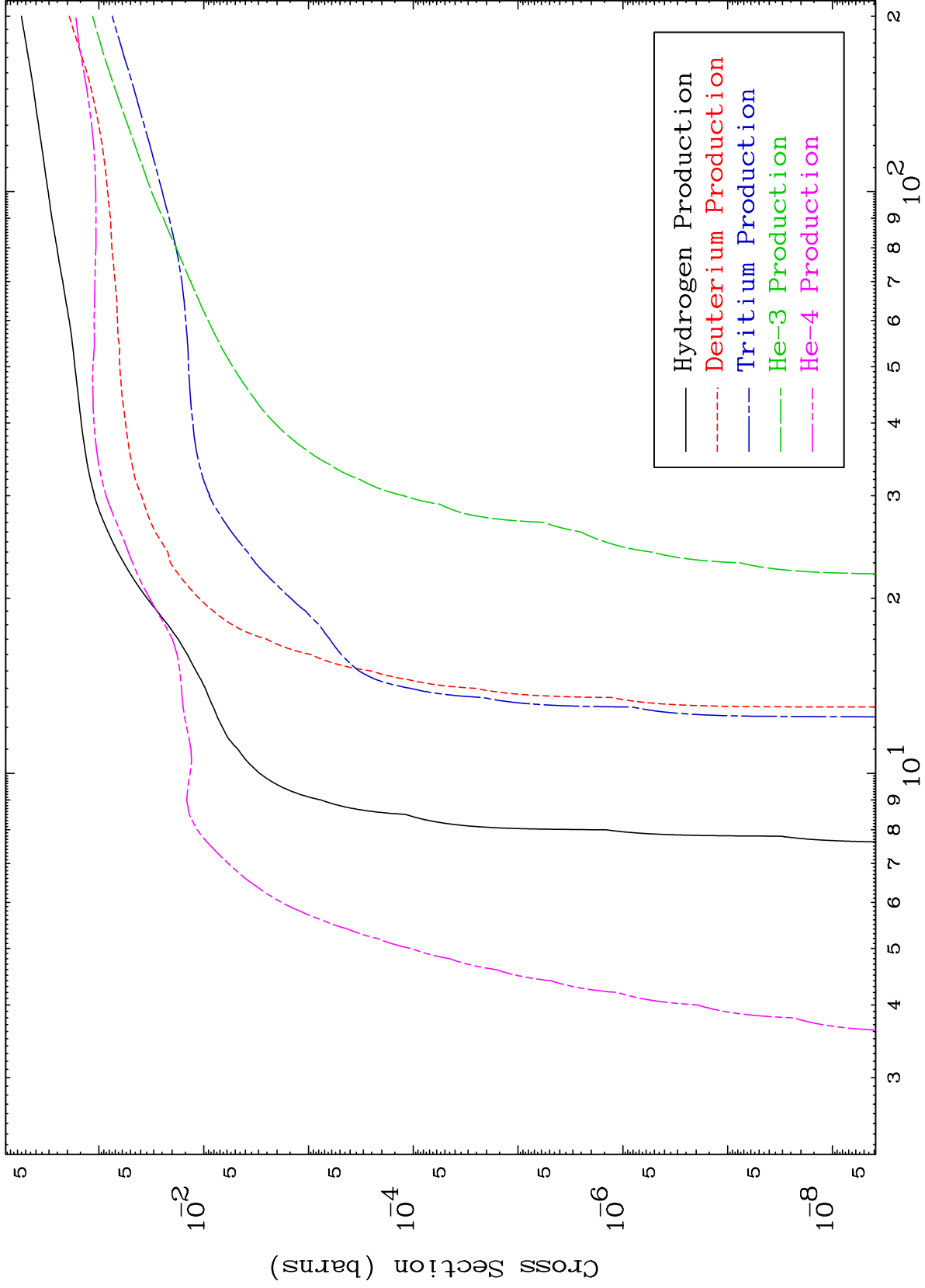
Incident Energy (MeV)

14-Si-31

MAT 1434

Particle Production
293 Kelvin Cross Sections

14-Si-31



5

Incident Energy (MeV)

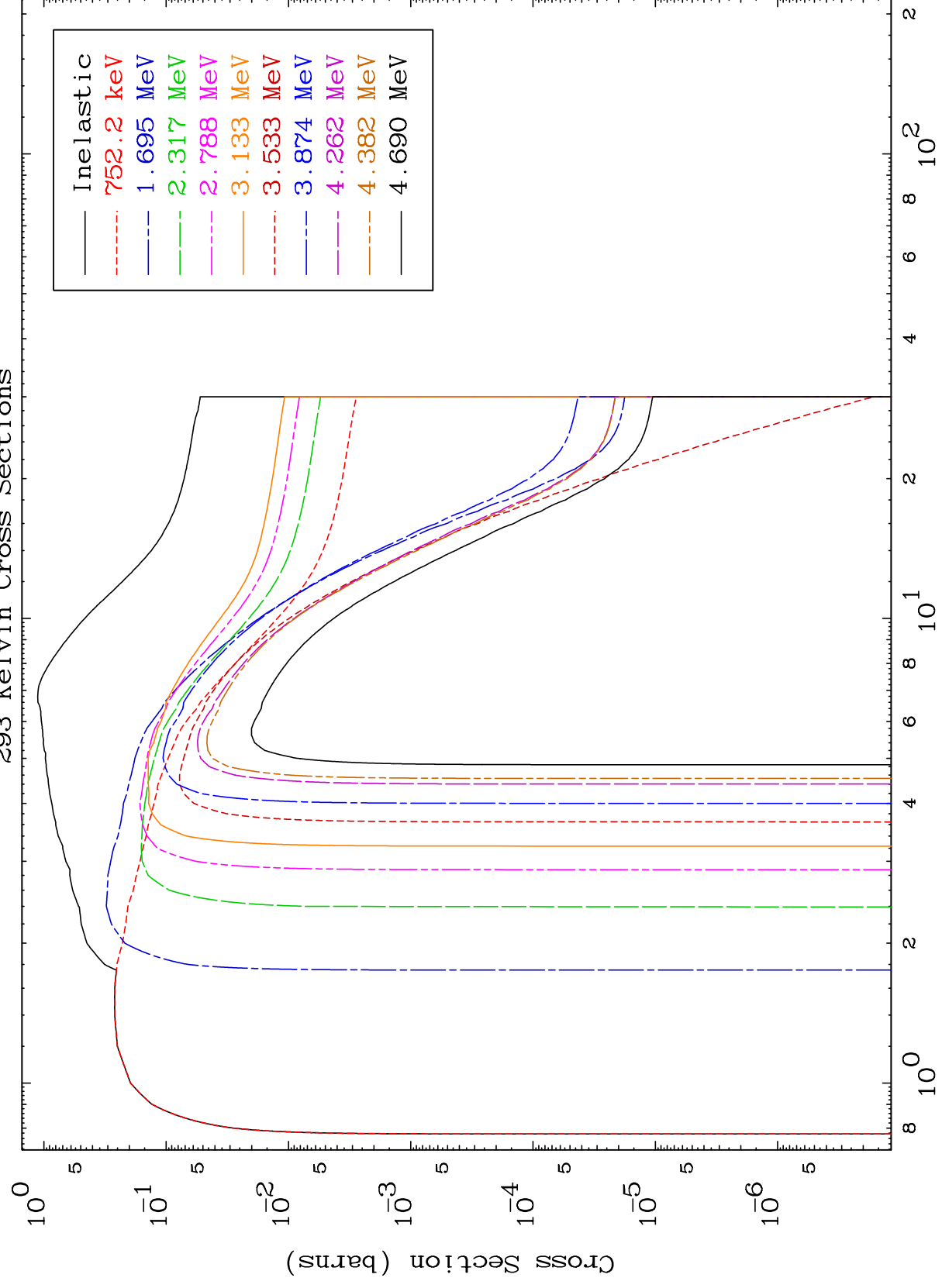
14-Si-31

MAT 1434

(n,n') Level

14-Si-31

293 Kelvin Cross Sections



Incident Energy (MeV)

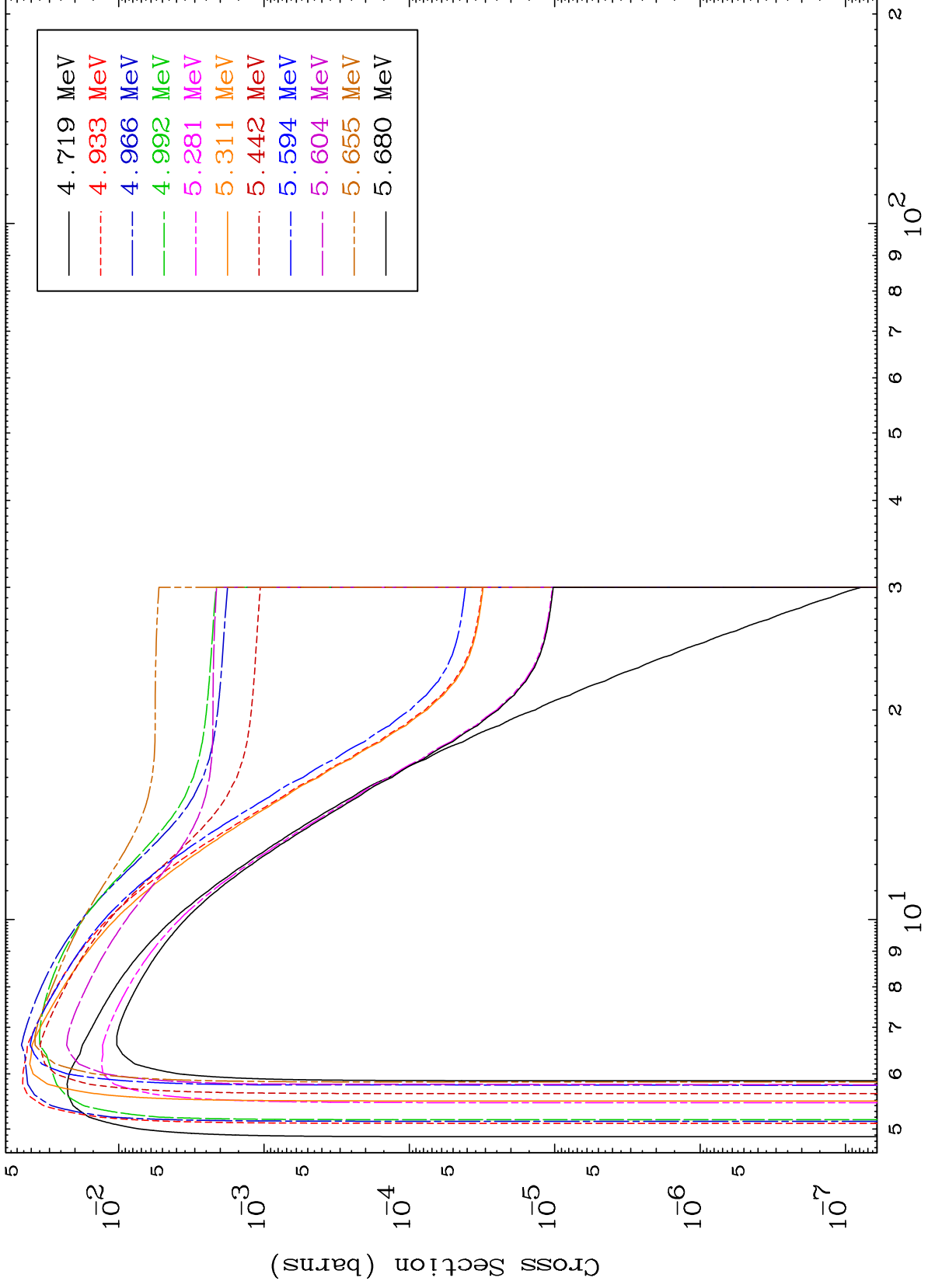
14-Si-31

6

MAT 1434

(n,n') Level
293 Kelvin Cross Sections

14-Si-31



Incident Energy (MeV)

14-Si-31

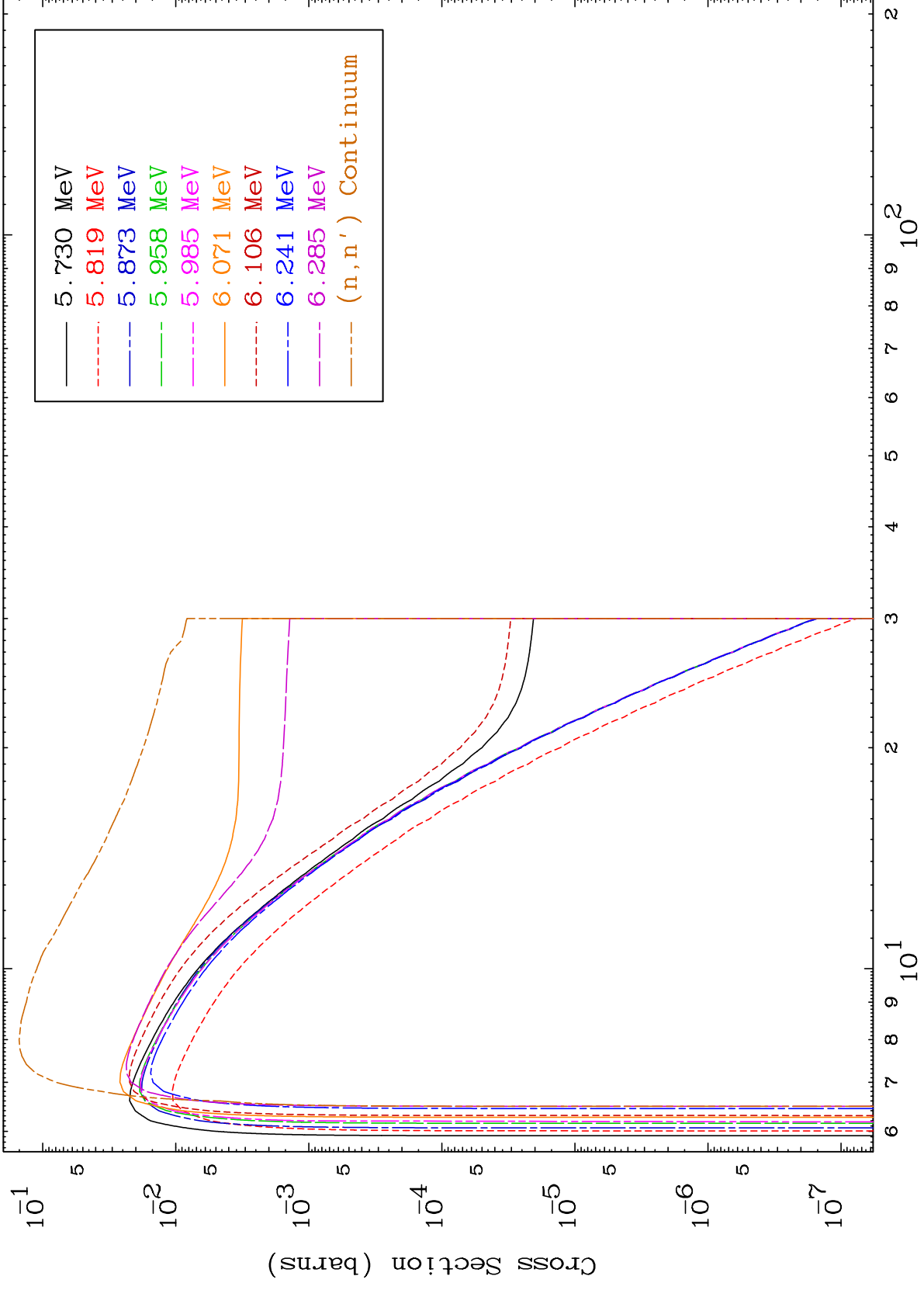
7

MAT 1434

(n,n') Level

14-Si-31

293 Kelvin Cross Sections



8

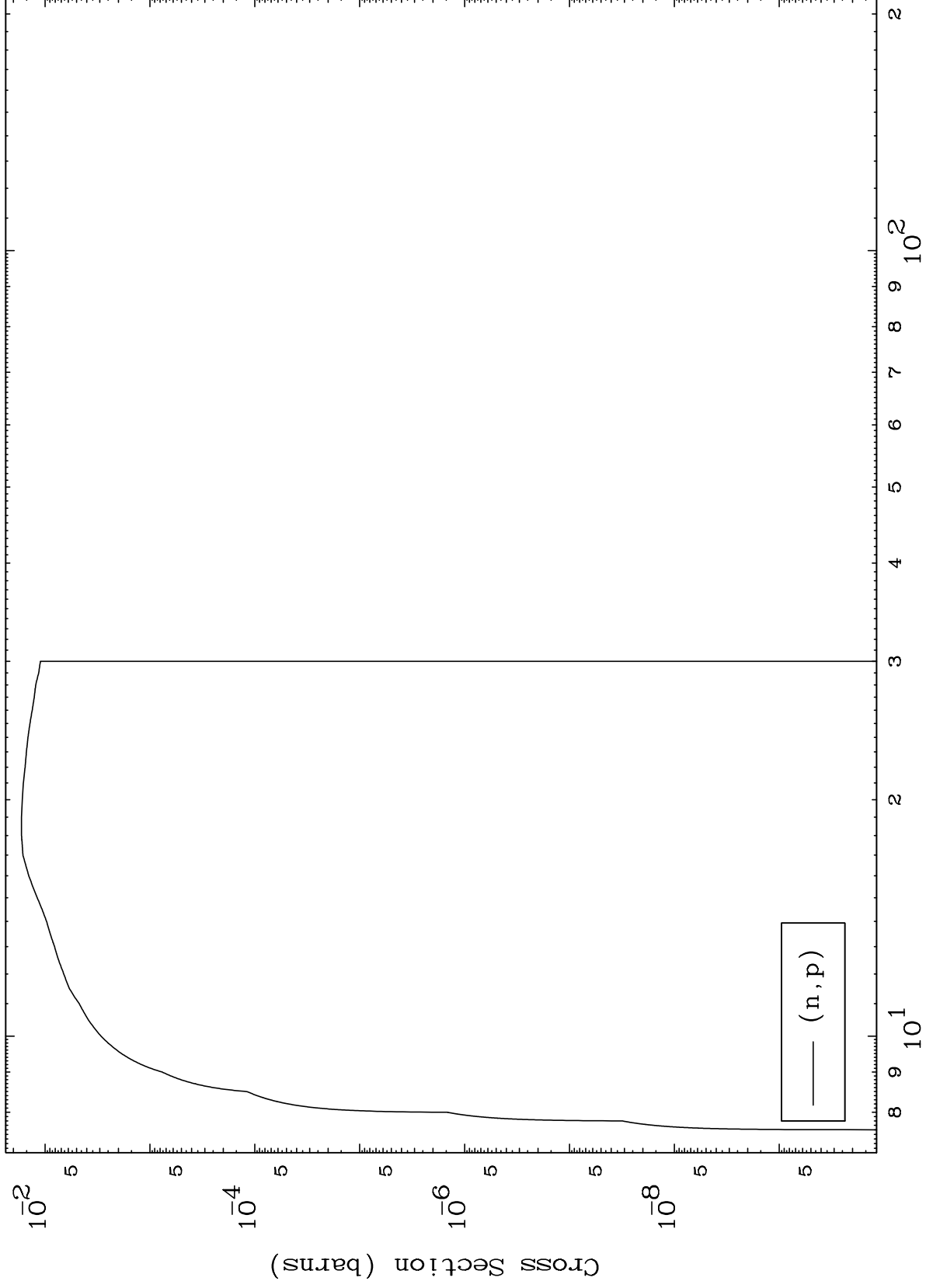
Incident Energy (MeV)

14-Si-31

MAT 1434

(n,p) Levels
293 Kelvin Cross Sections

14-Si-31



9

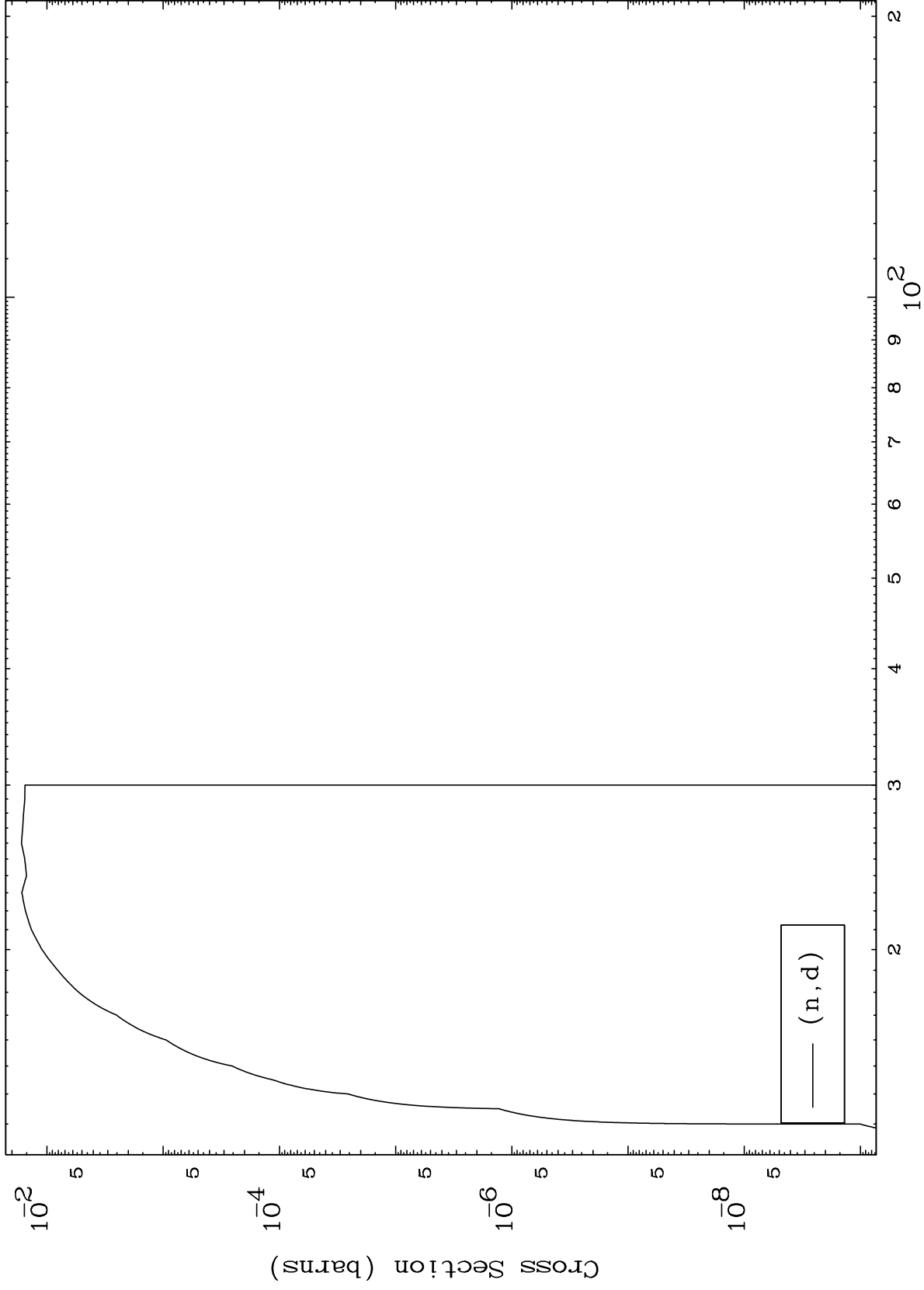
Incident Energy (MeV)

14-Si-31

MAT 1434

(n,d) Levels
293 Kelvin Cross Sections

14-Si-31



10

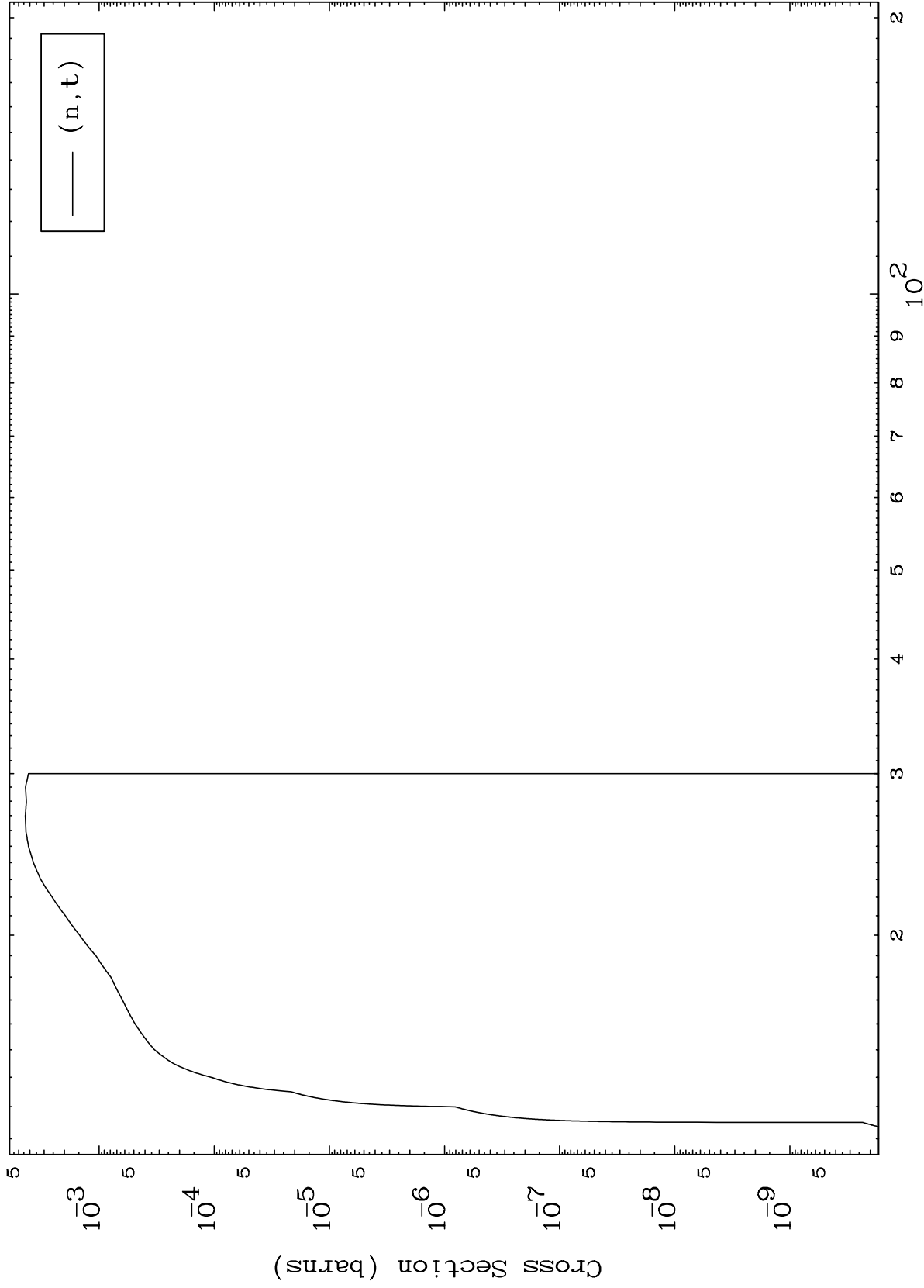
Incident Energy (MeV)

14-Si-31

MAT 1434

(n,t) Levels
293 Kelvin Cross Sections

14-Si-31



11

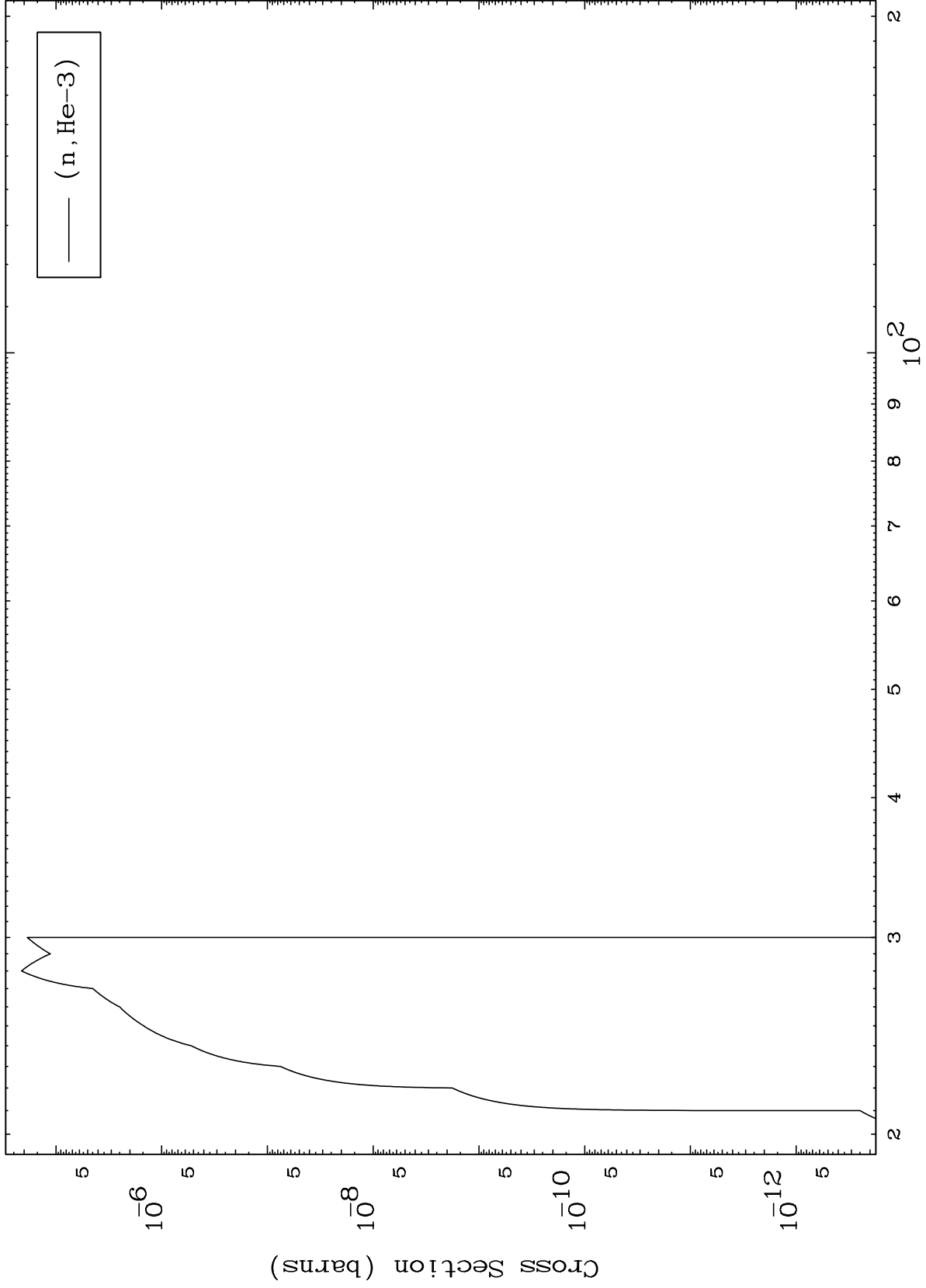
Incident Energy (MeV)

14-Si-31

MAT 1434

(n,He3) Levels
293 Kelvin Cross Sections

14-Si-31



12

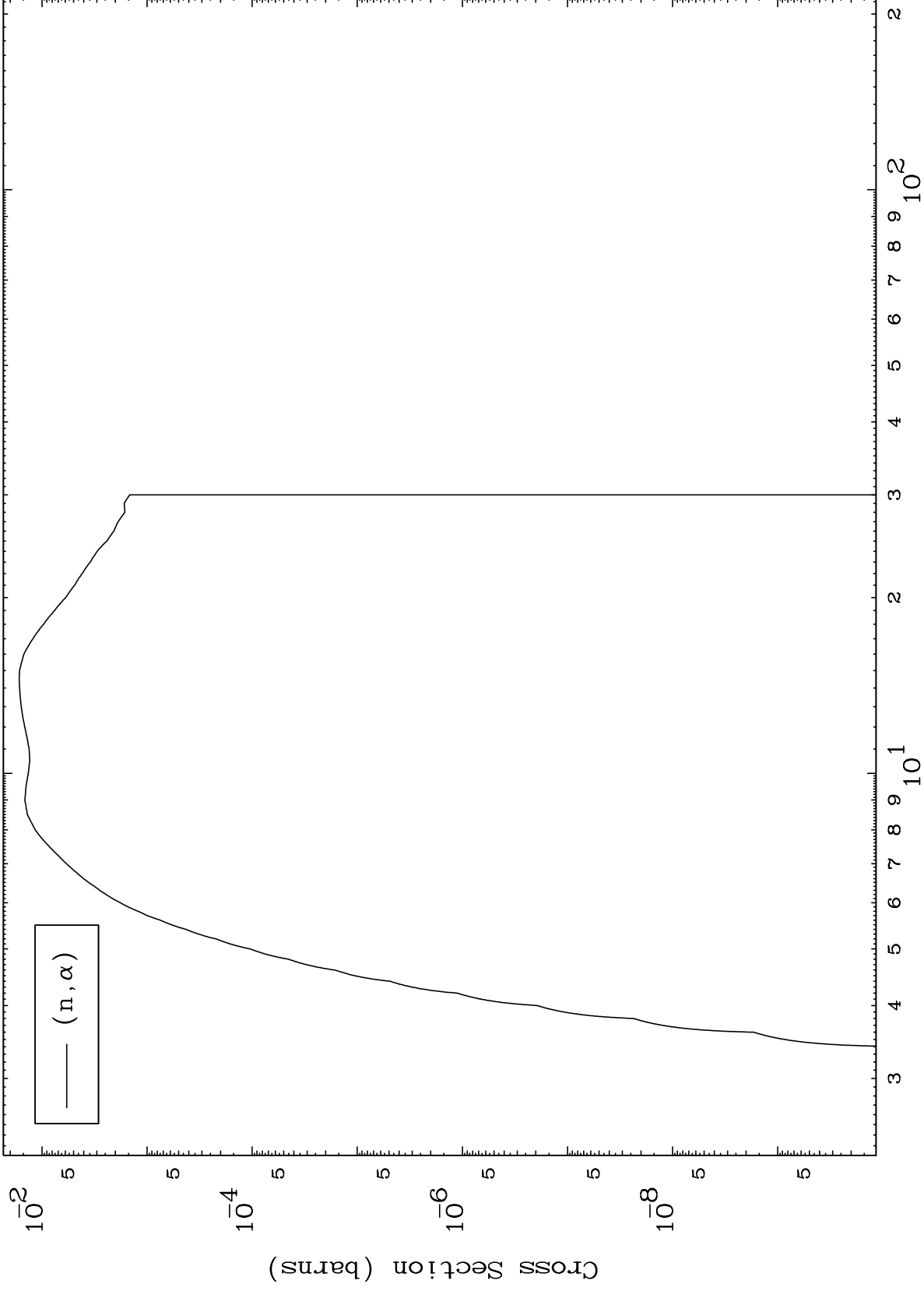
Incident Energy (MeV)

14-Si-31

MAT 1434

(n, α) Levels
293 Kelvin Cross Sections

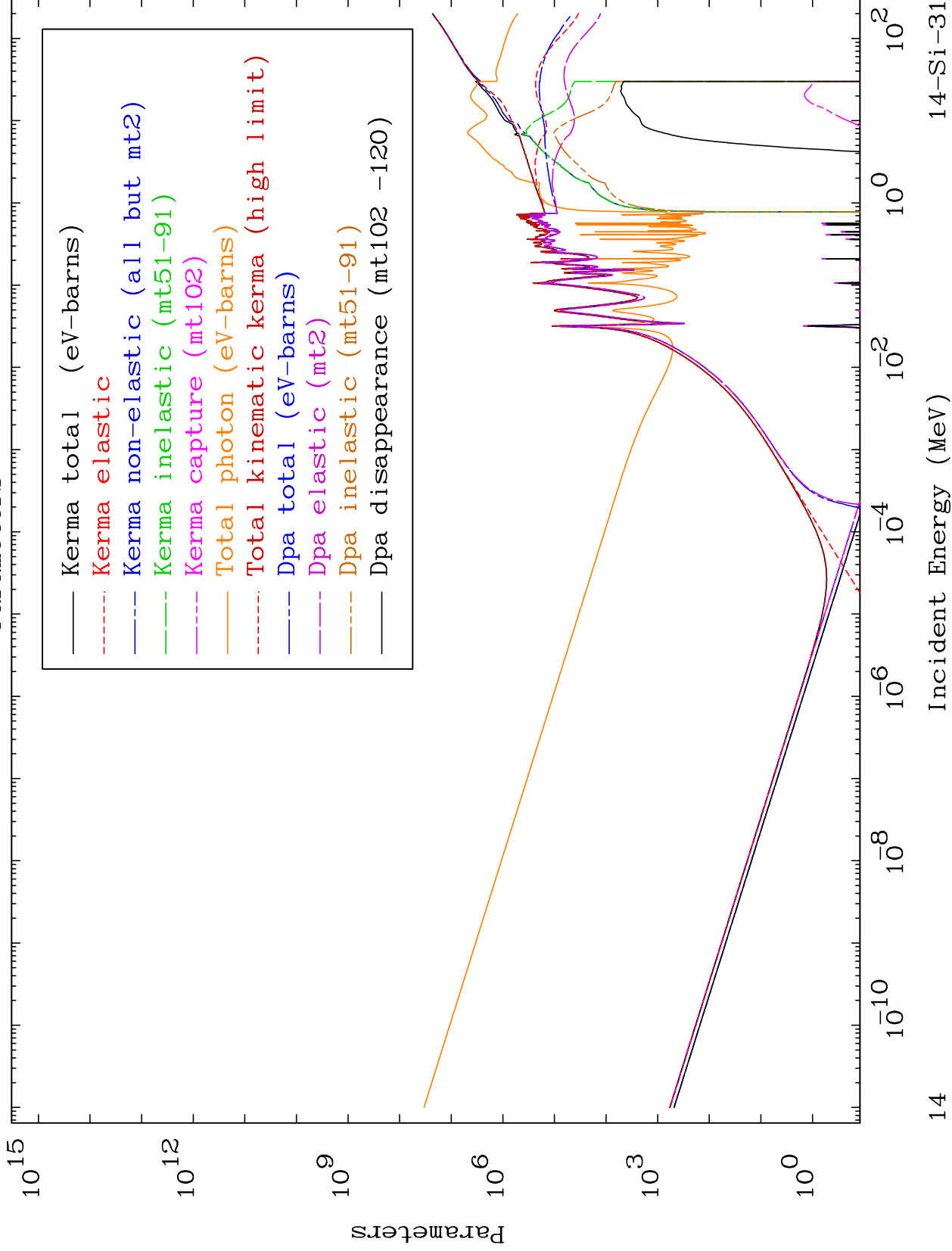
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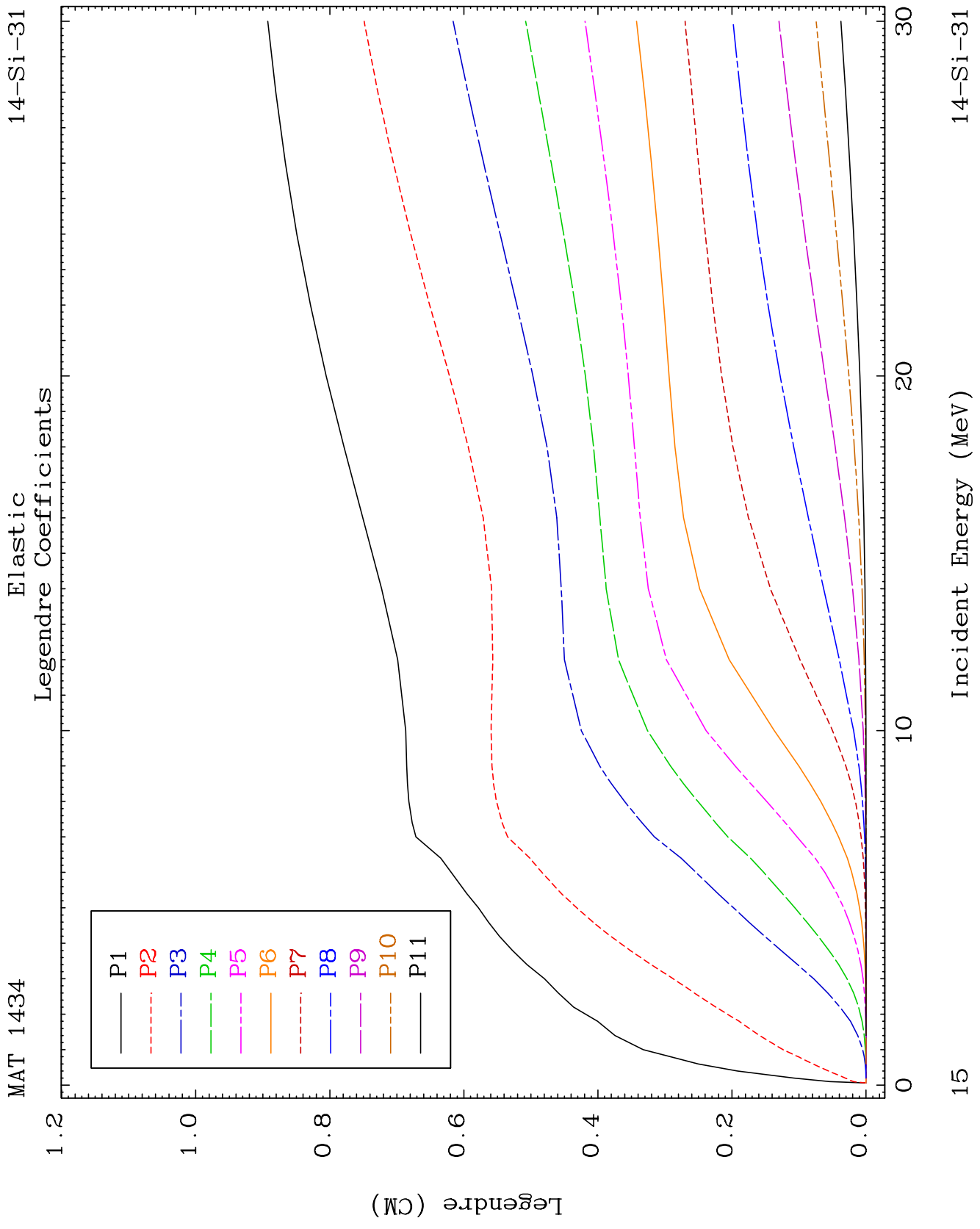


13

Incident Energy (MeV)

14-Si-31

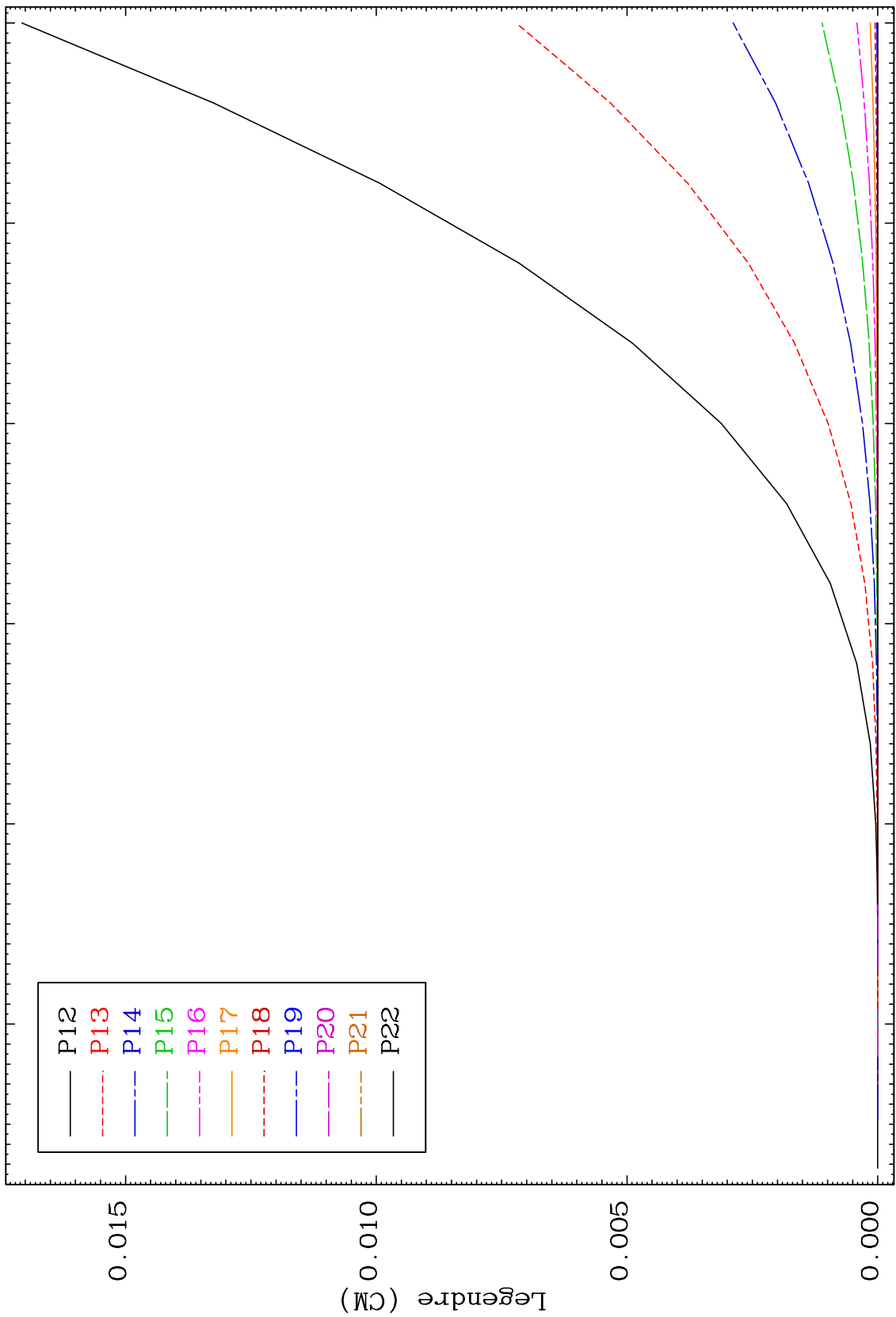




MAT 1434

Elastic Legendre Coefficients

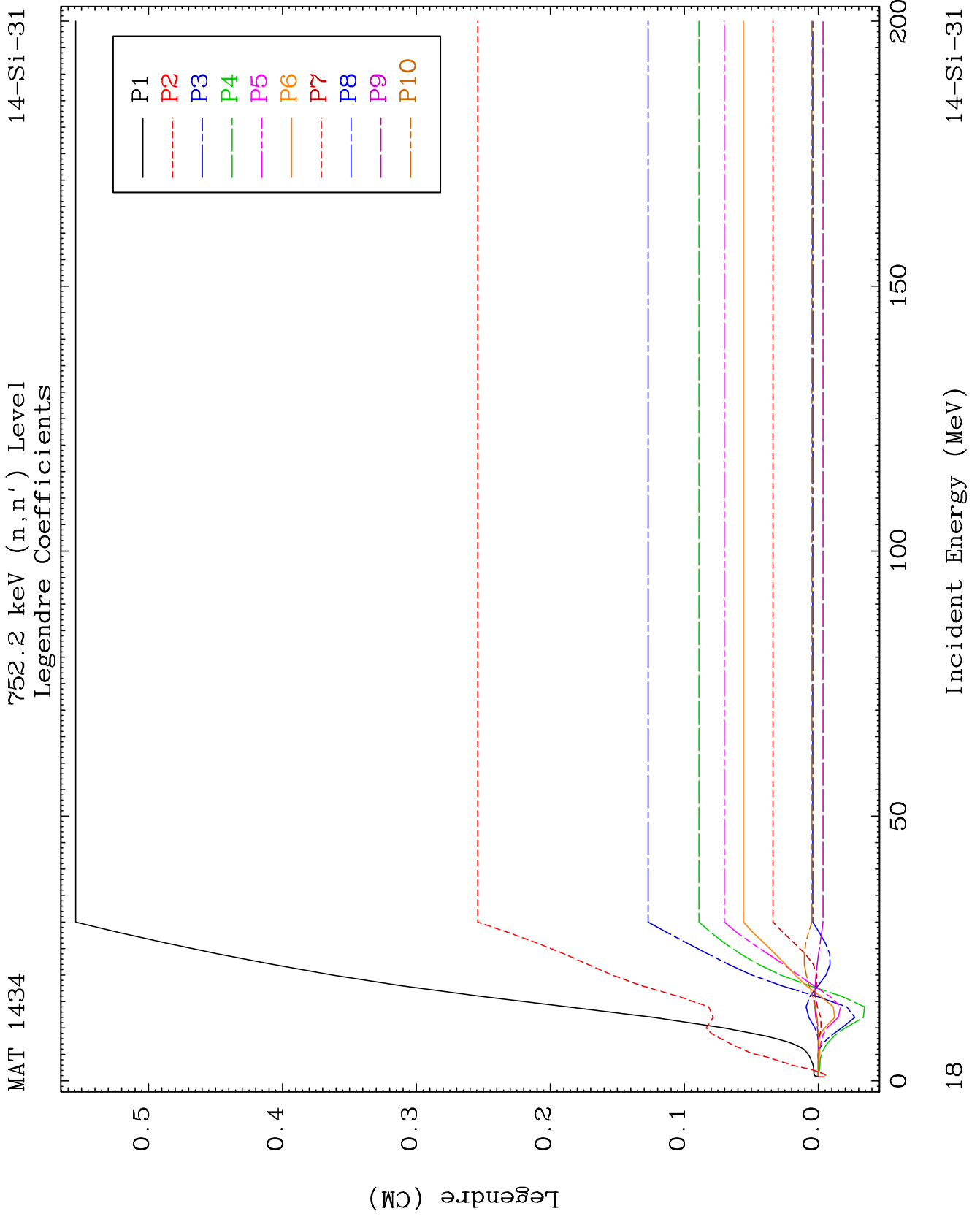
14-Si-31



16

14-Si-31

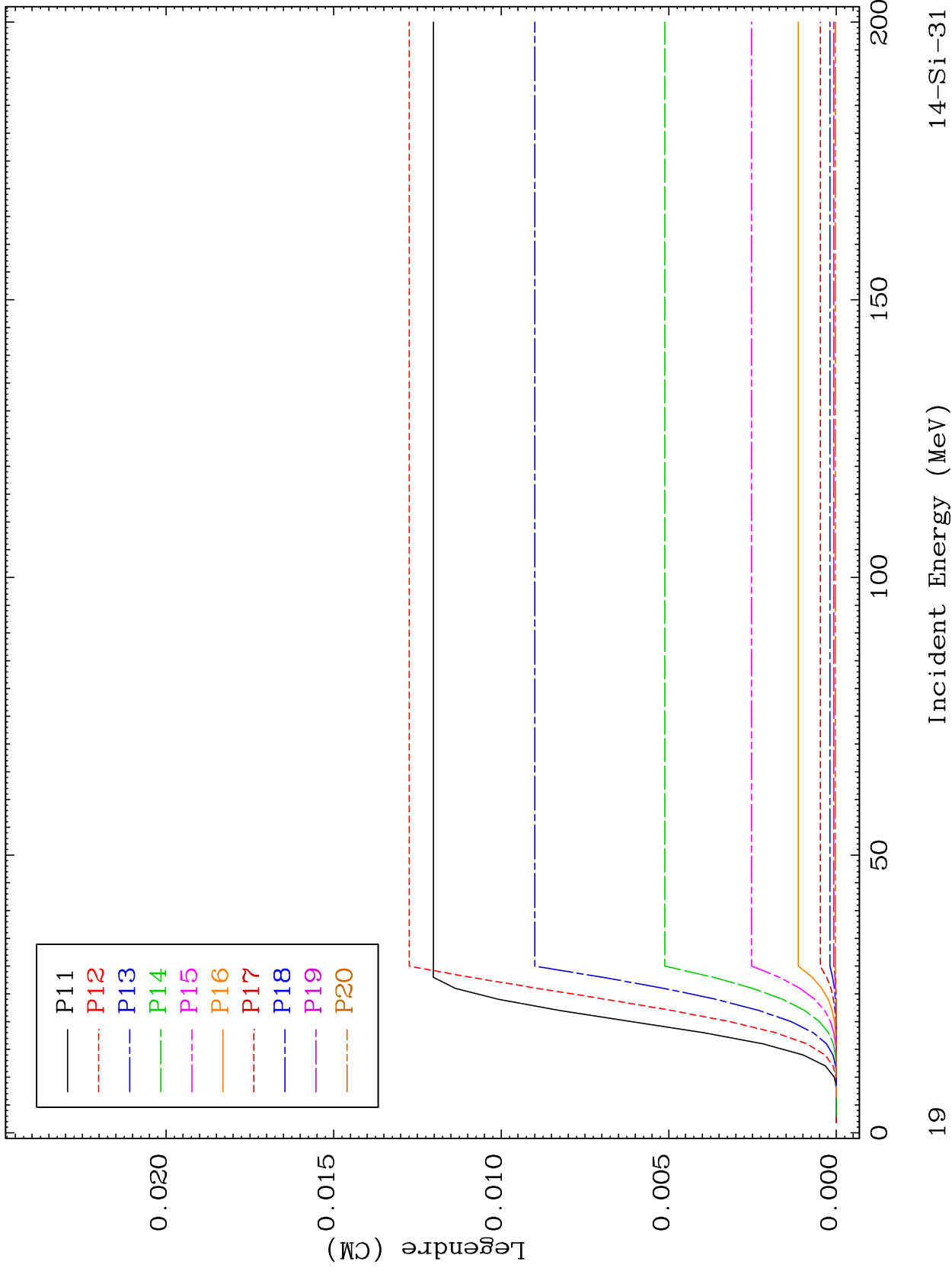
Incident Energy (MeV)



MAT 1434

752.2 keV (n,n') Level
Legendre Coefficients

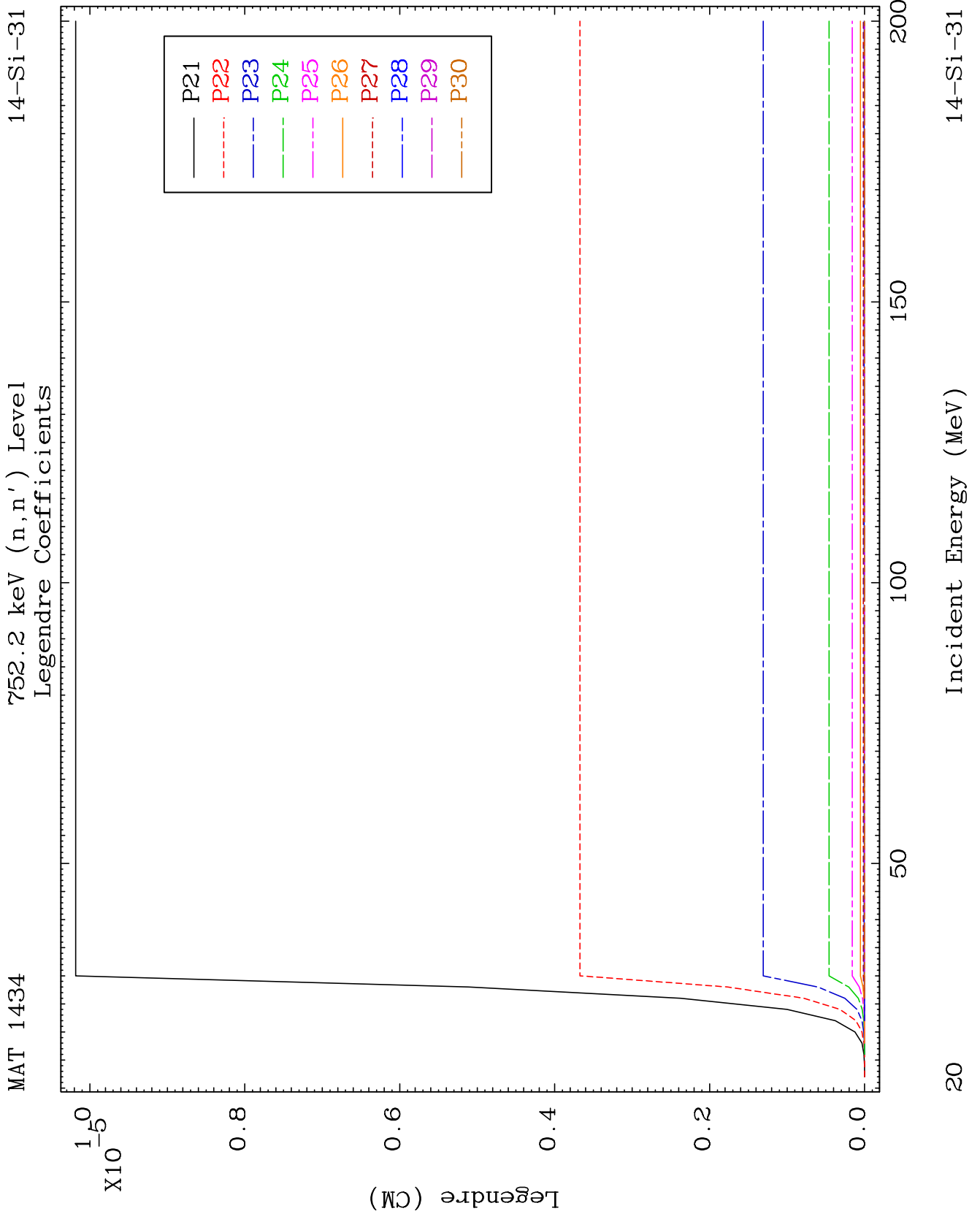
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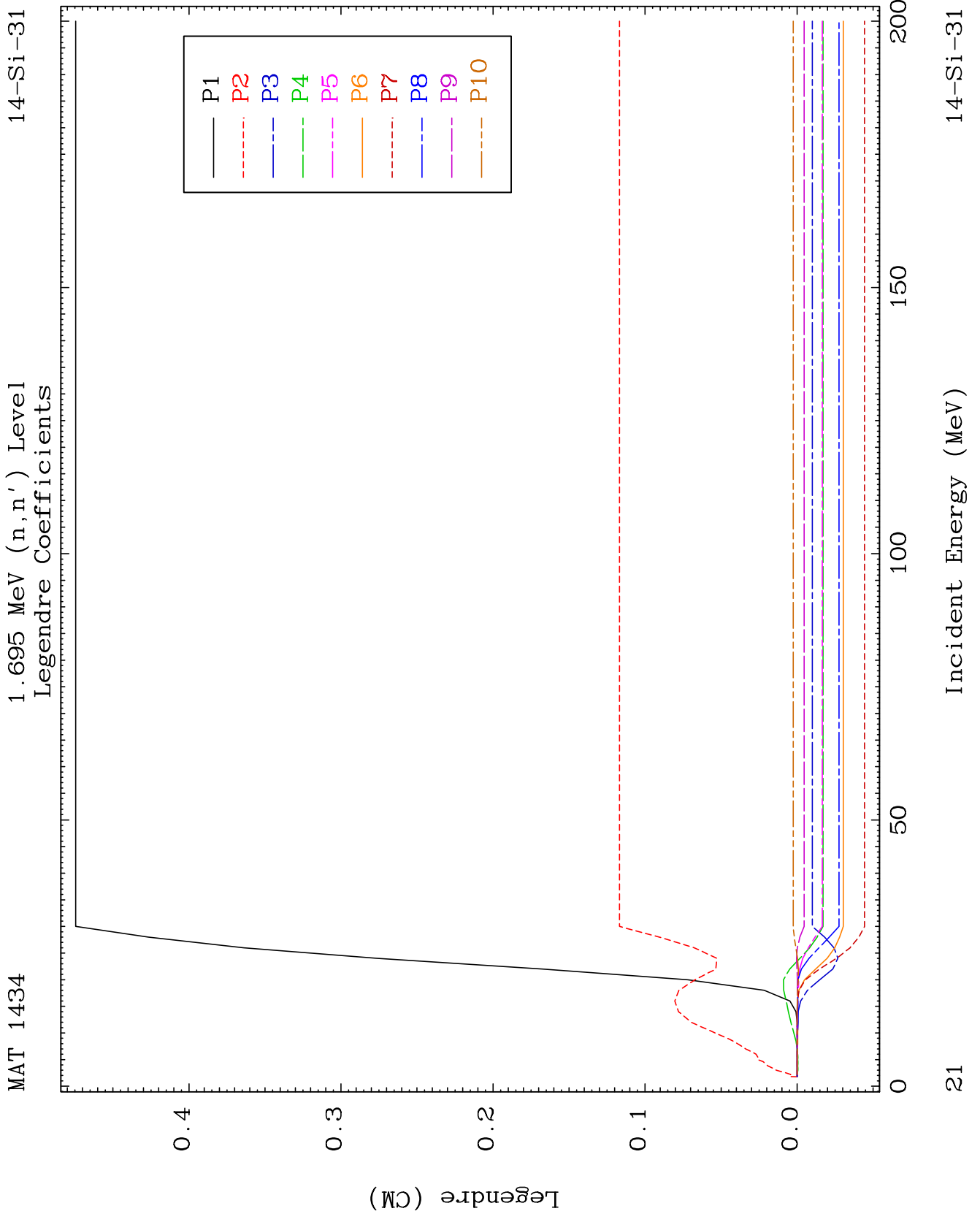


19

Incident Energy (MeV)

14-Si-31

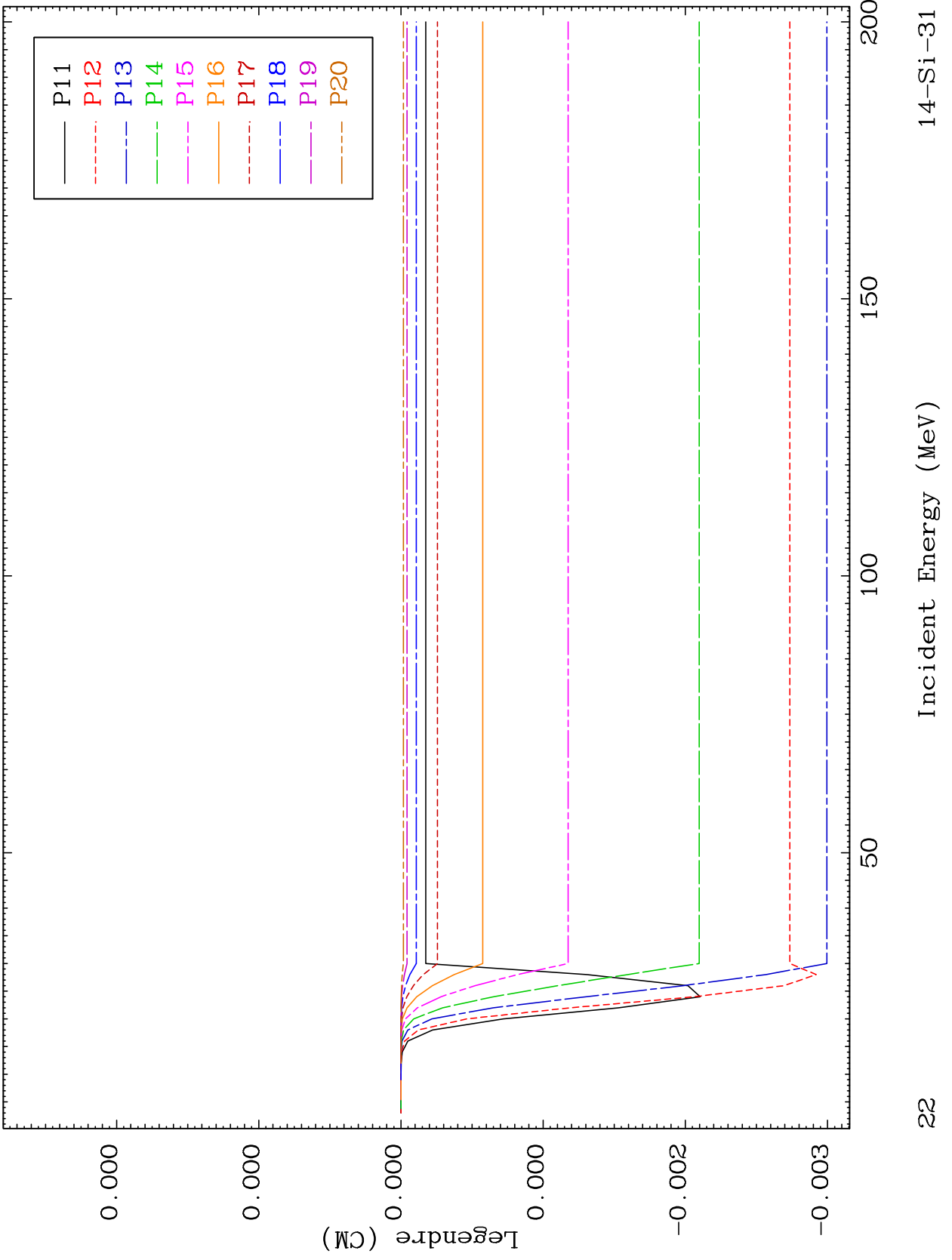




MAT 1434

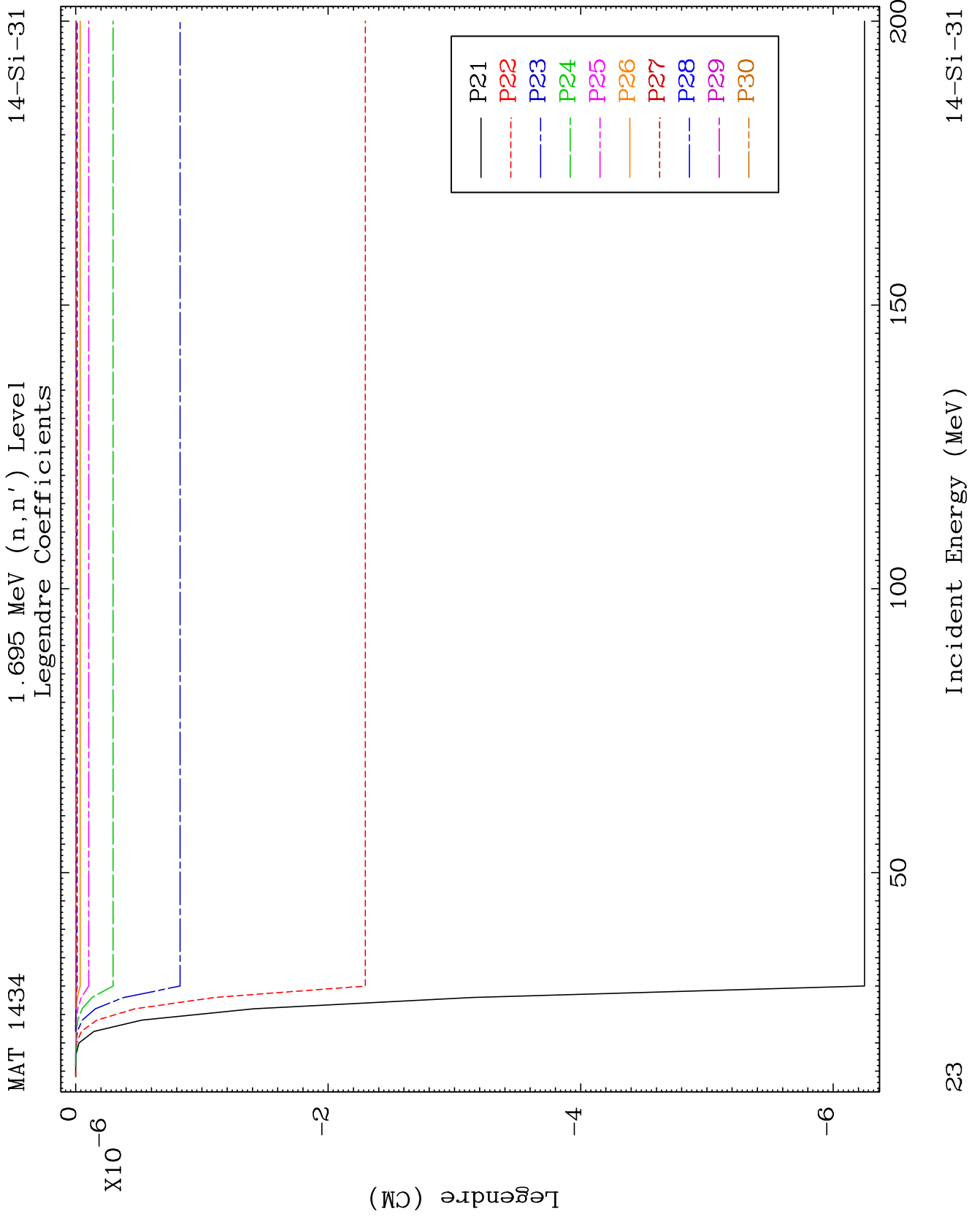
1.695 MeV (n,n') Level
Legendre Coefficients

14-Si-31



22

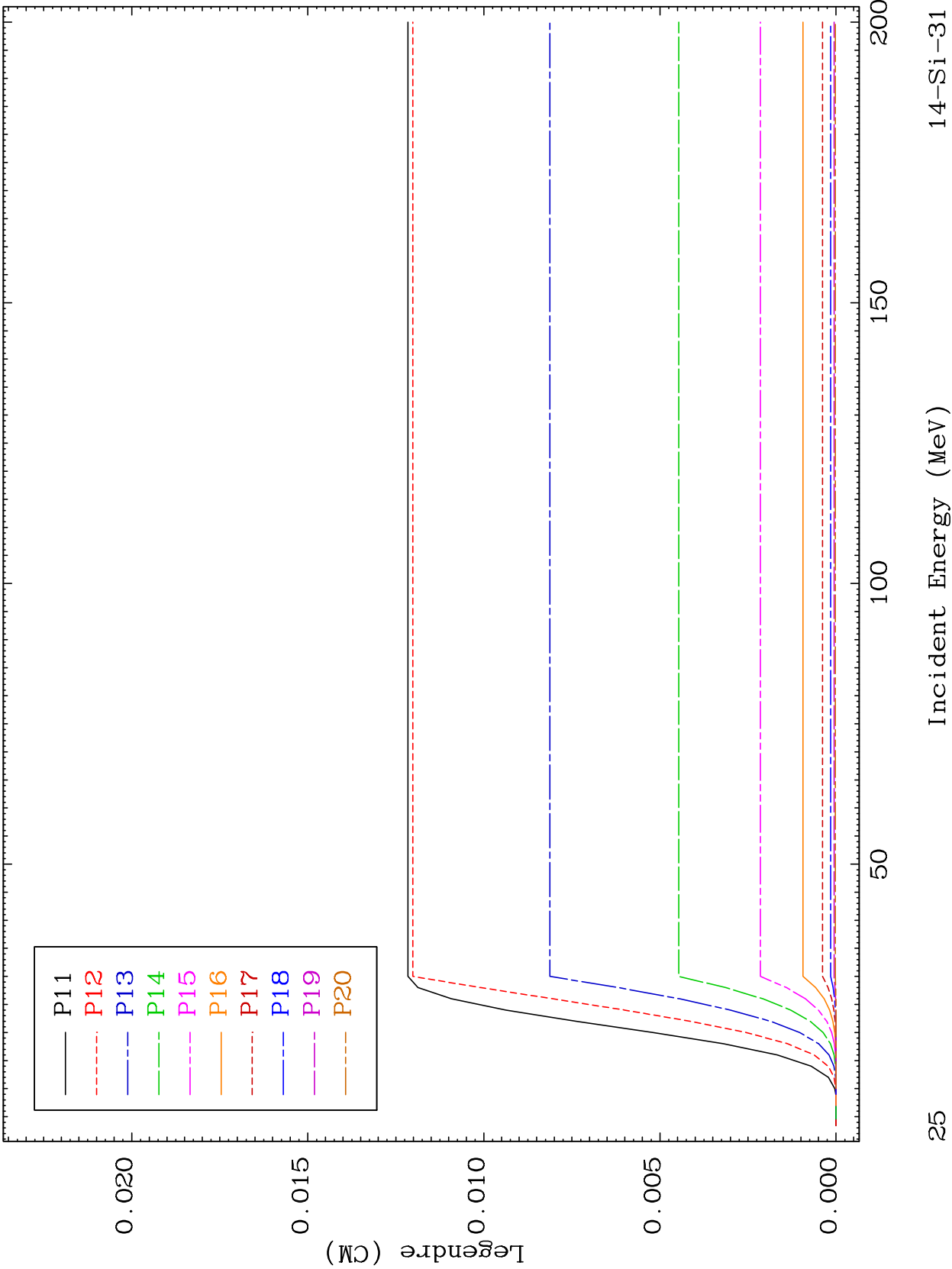
14-Si-31



MAT 1434

2.317 MeV (n,n') Level
Legendre Coefficients

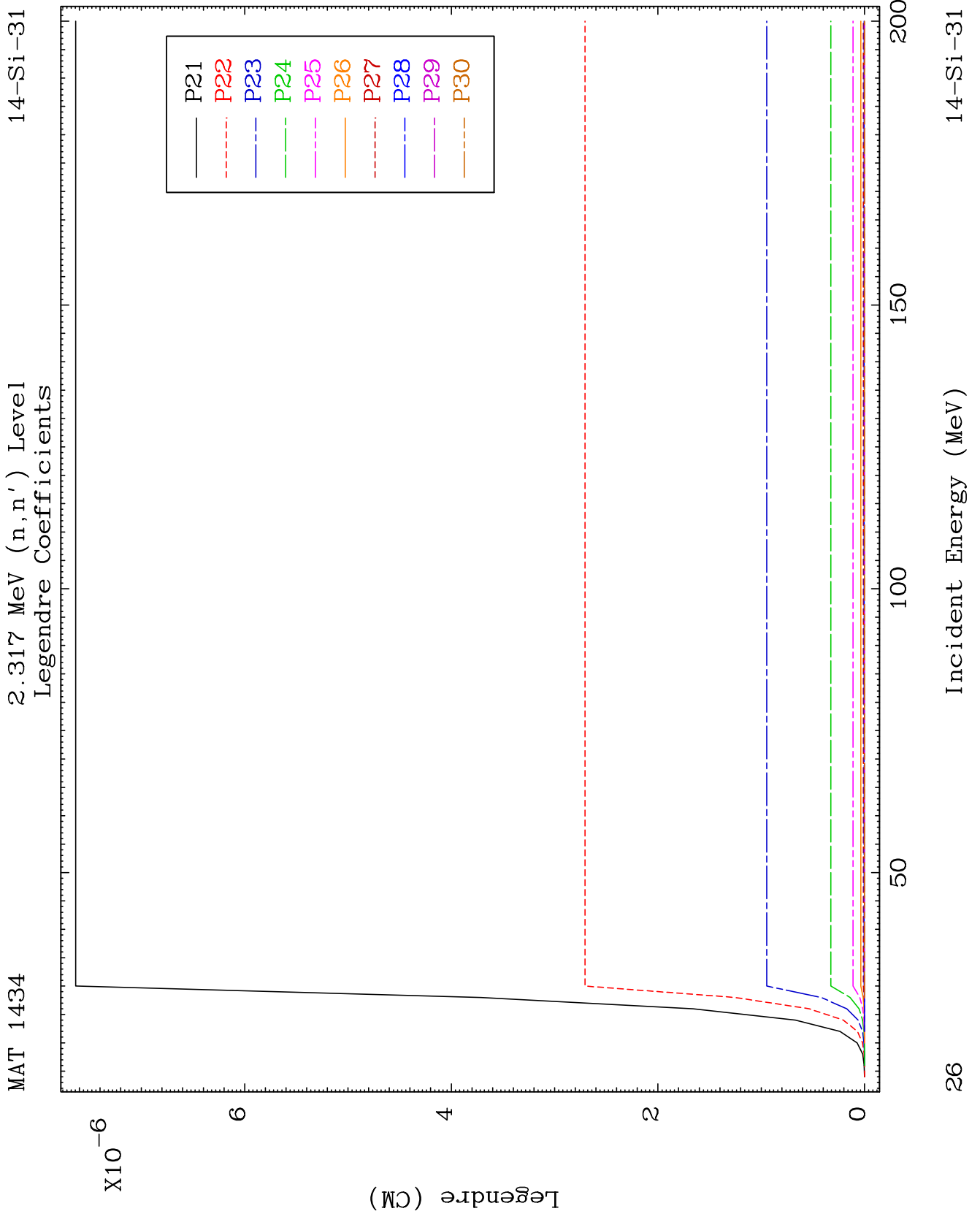
14-Si-31

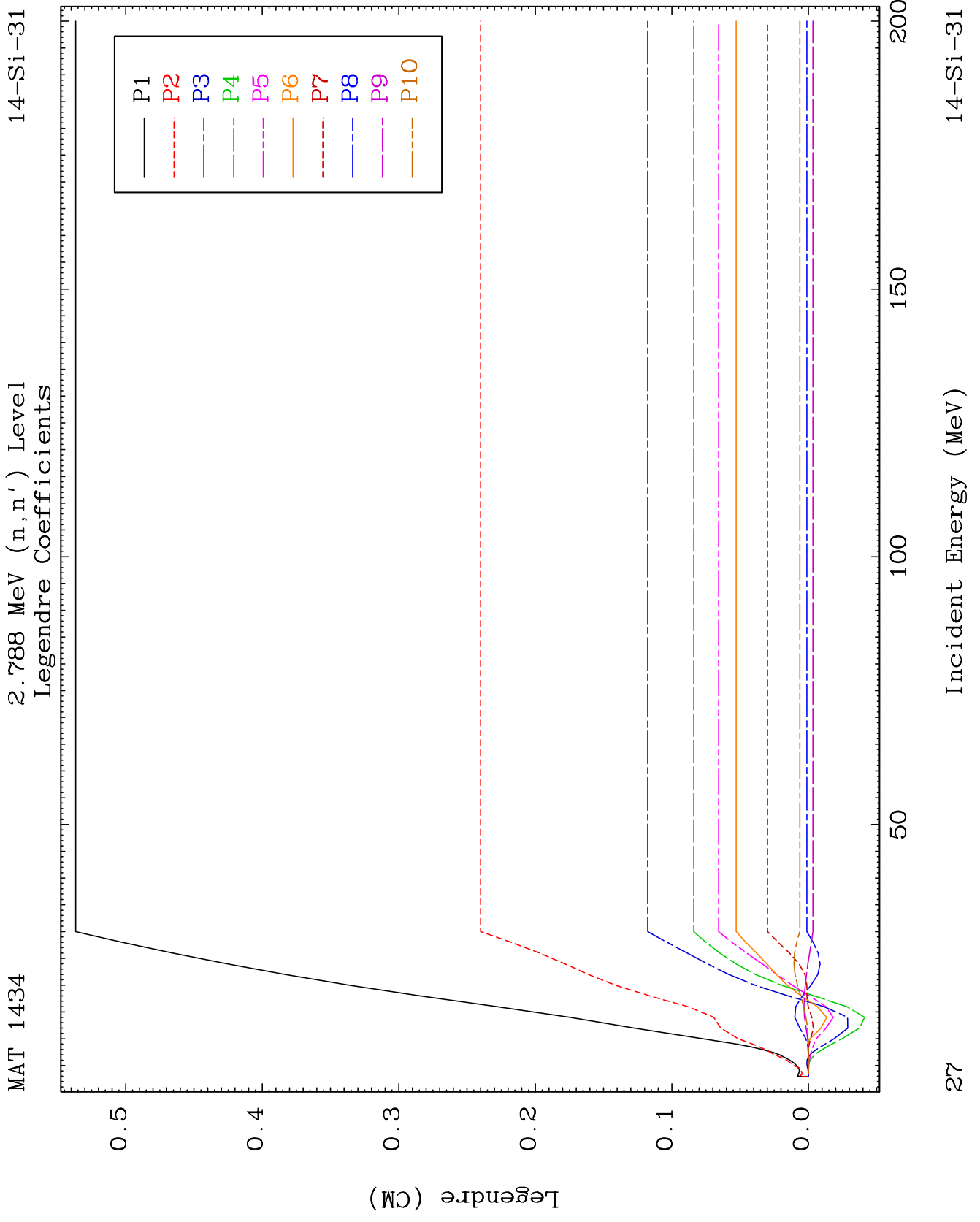


25

Incident Energy (MeV)

14-Si-31

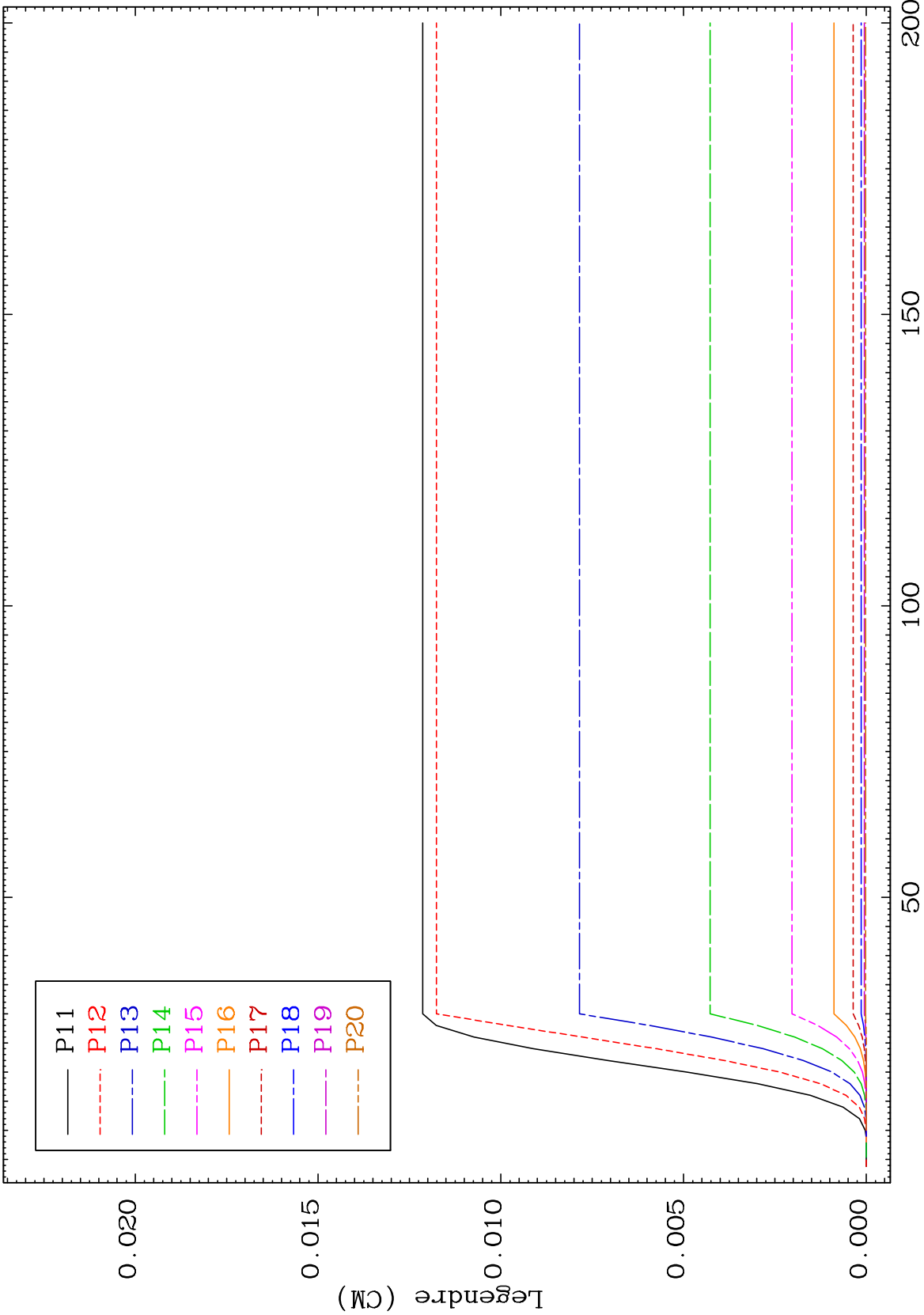




MAT 1434

2.788 MeV (n,n') Level
Legendre Coefficients

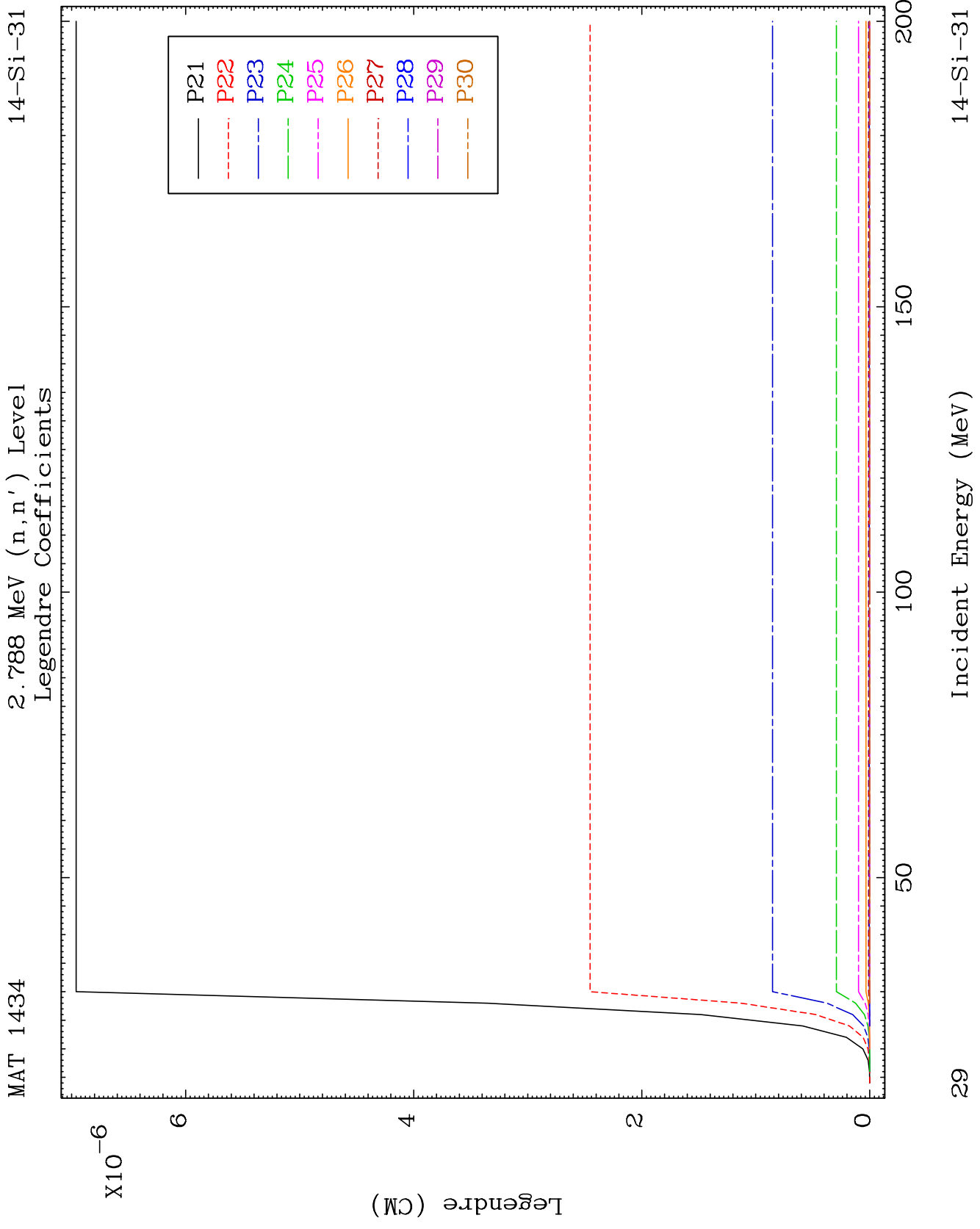
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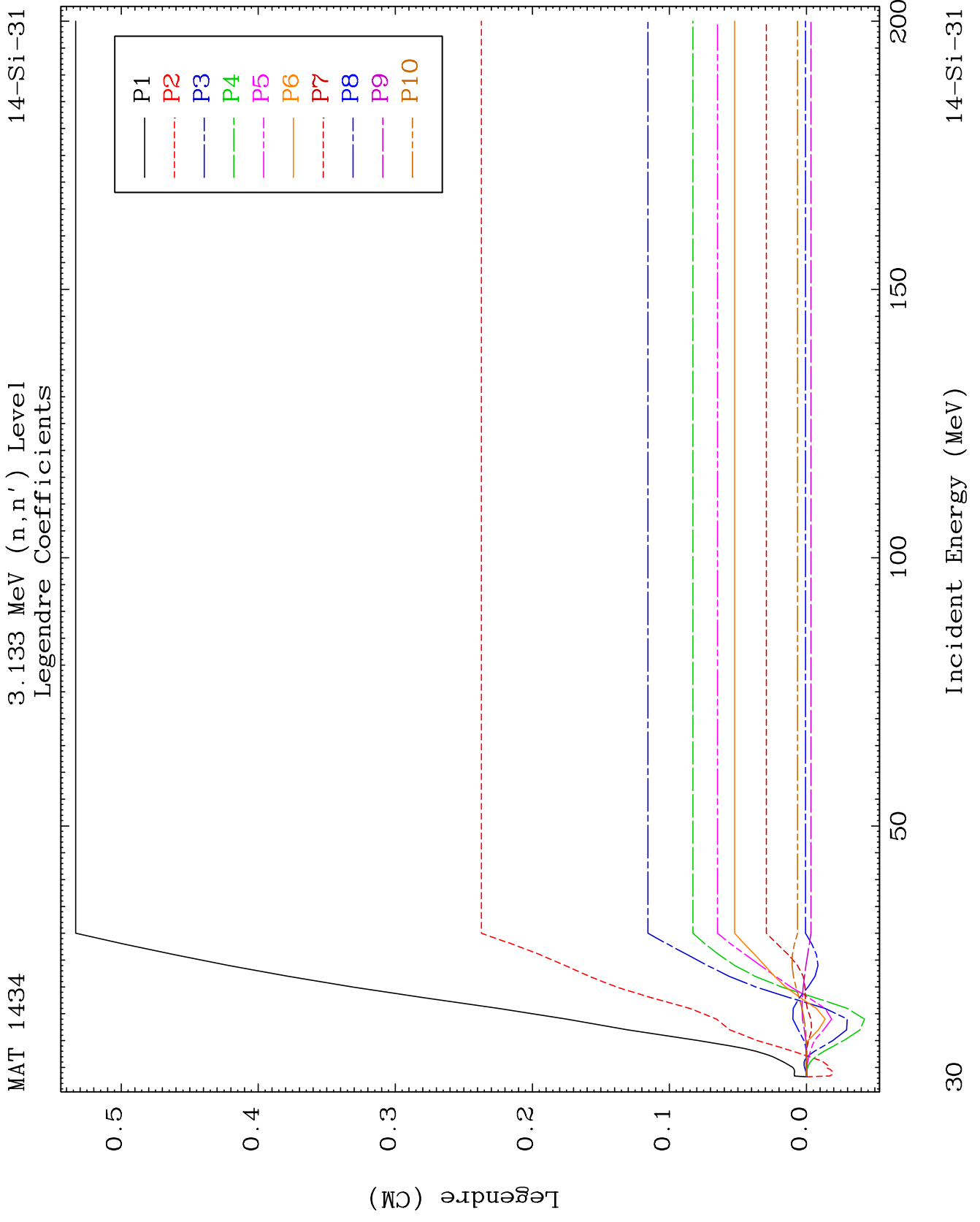


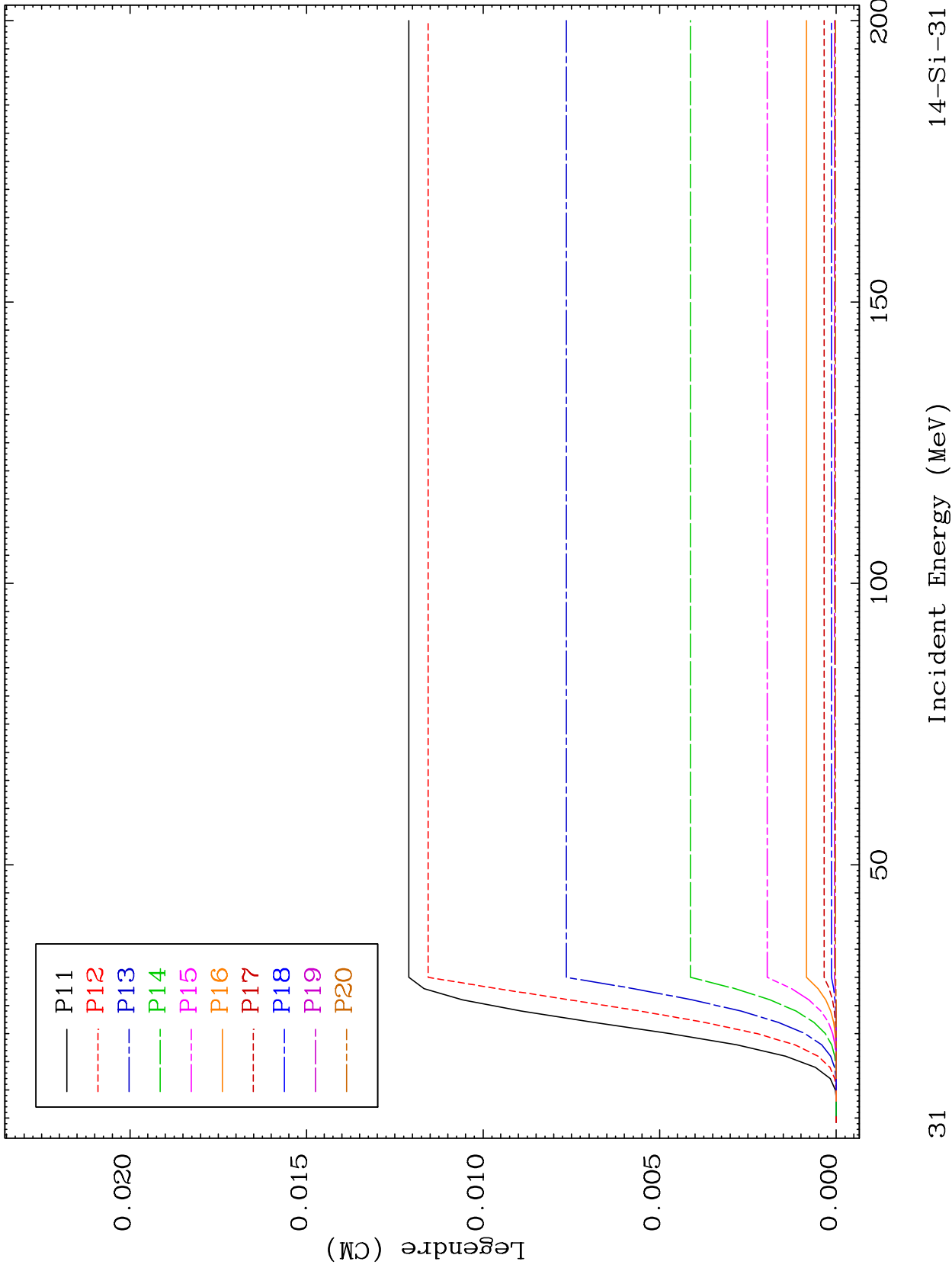
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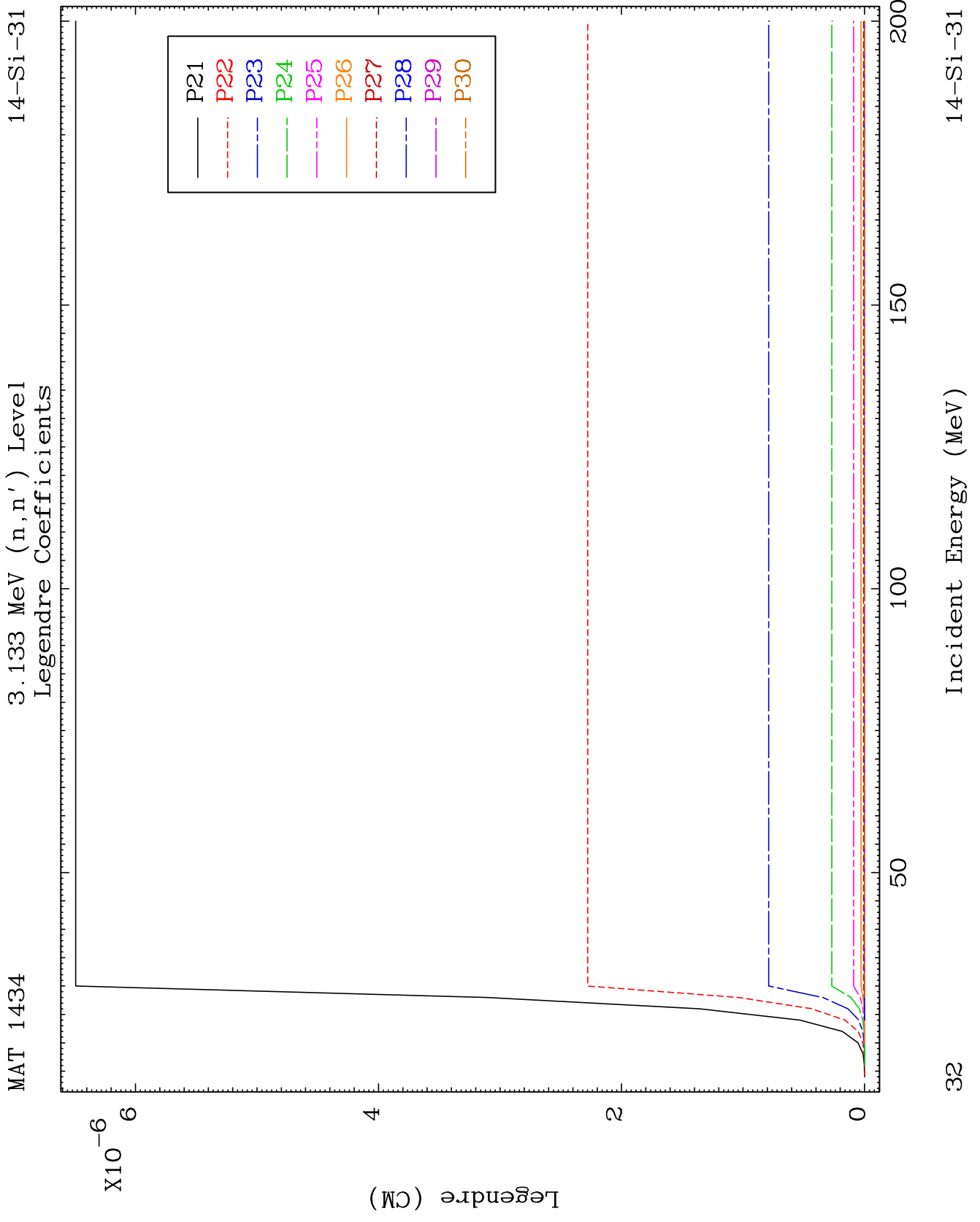
Incident Energy (MeV)

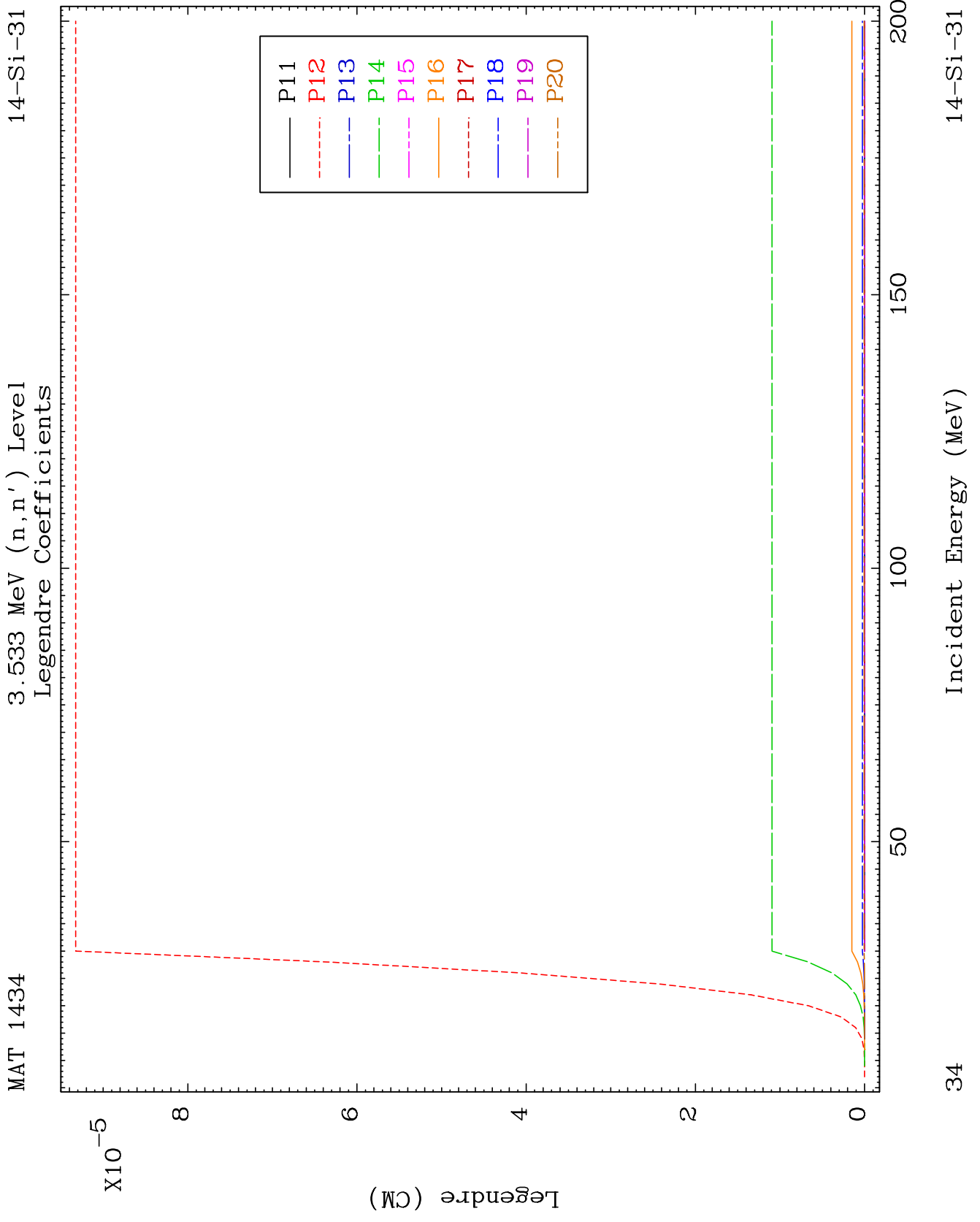
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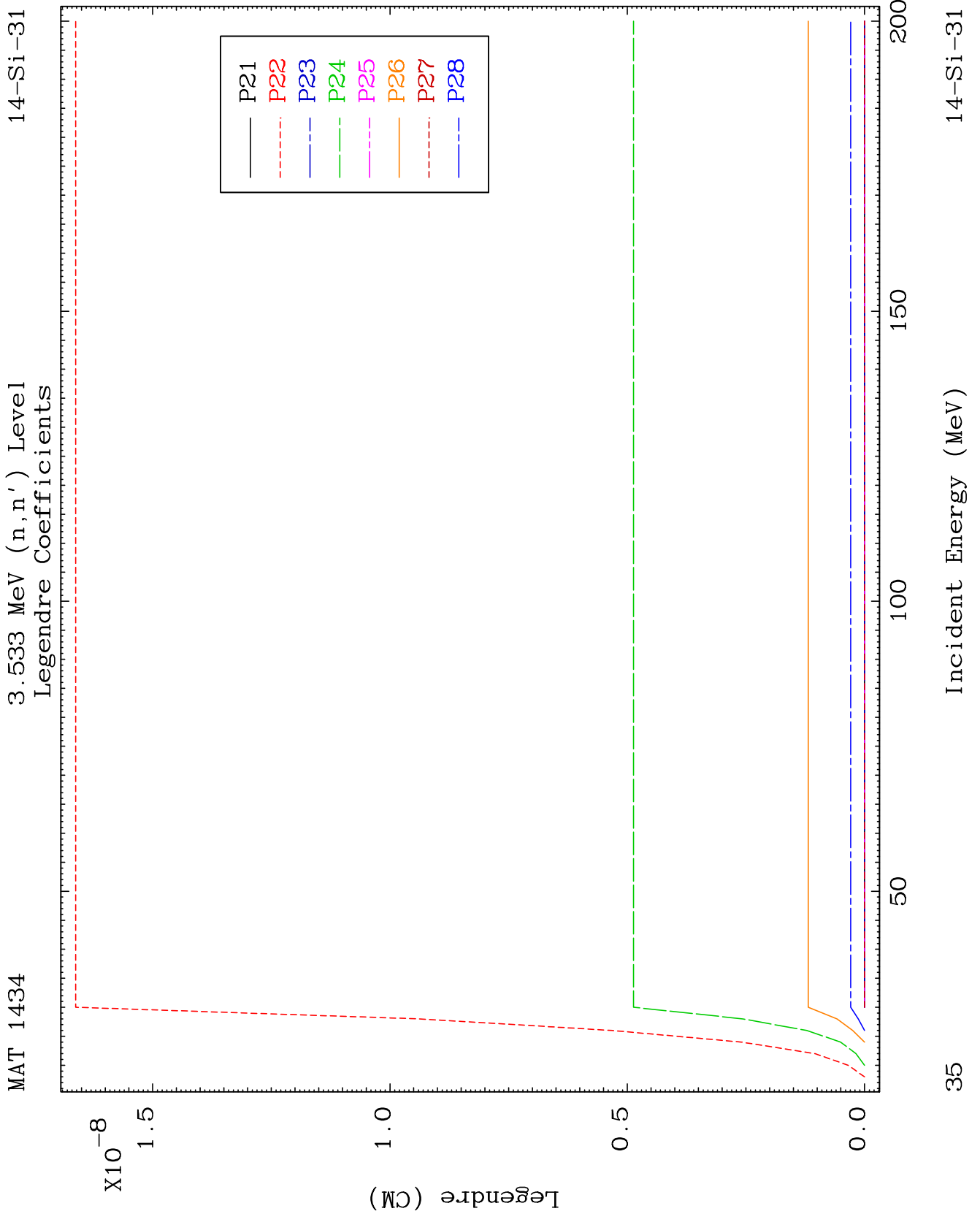


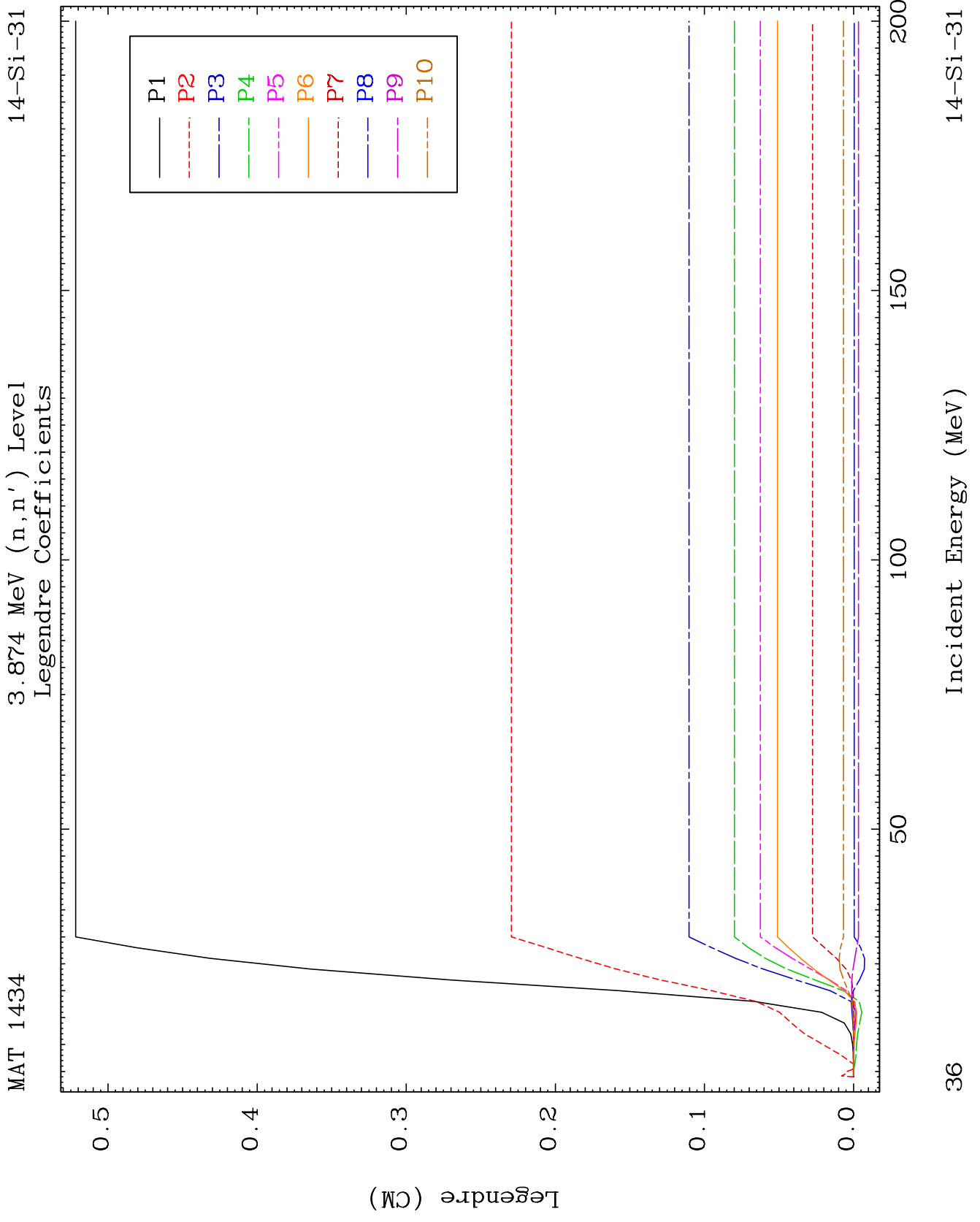








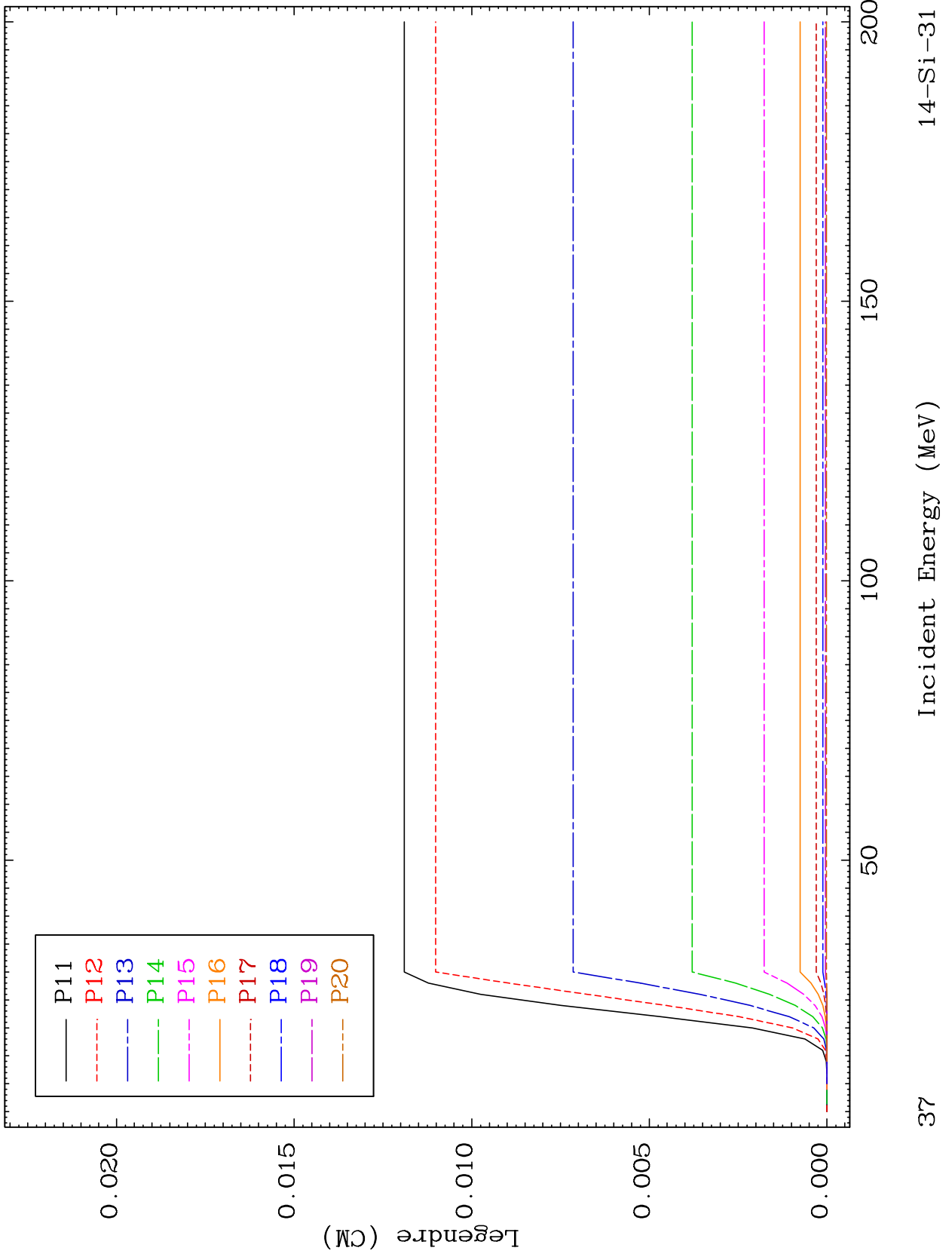




MAT 1434

3.874 MeV (n,n') Level
Legendre Coefficients

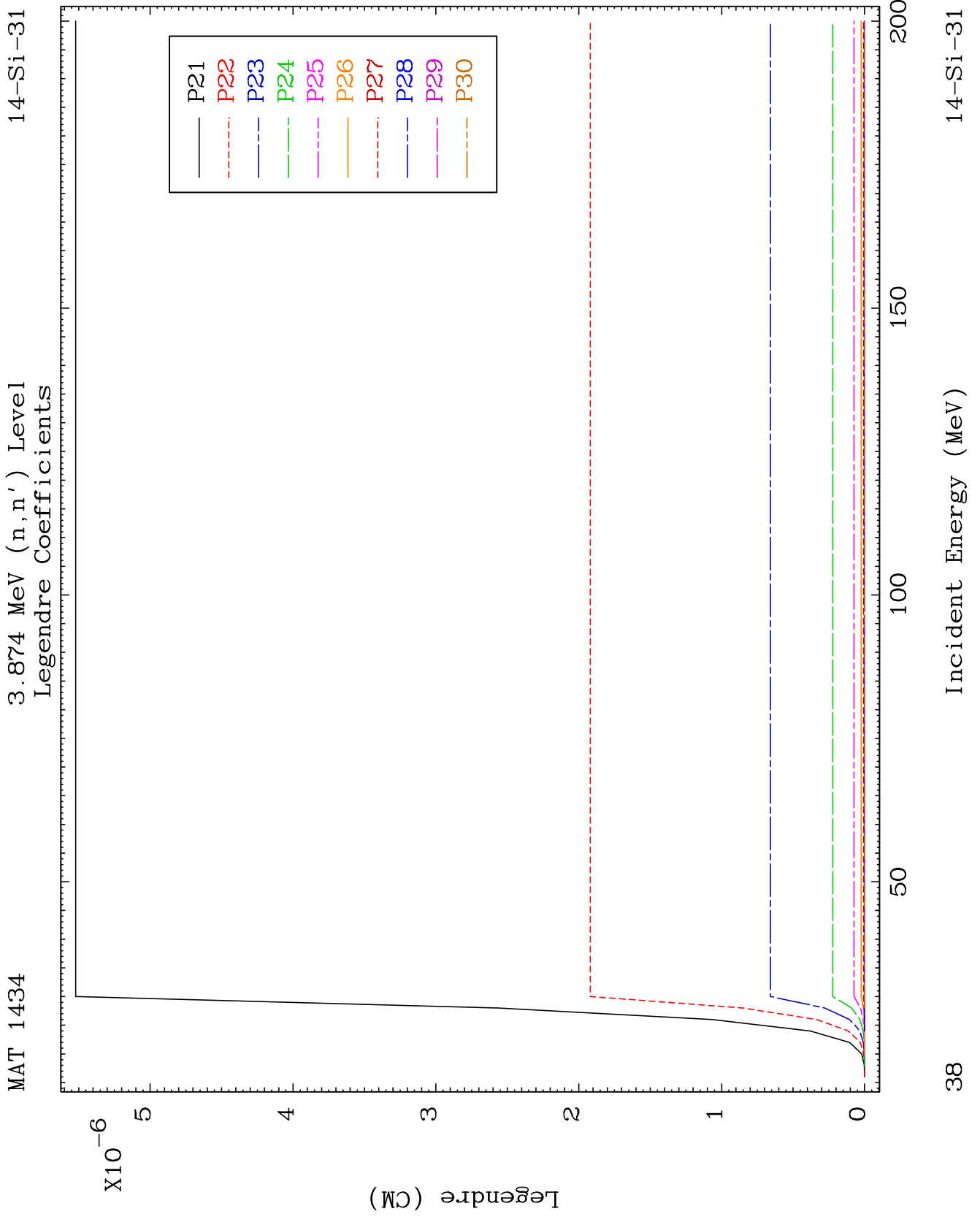
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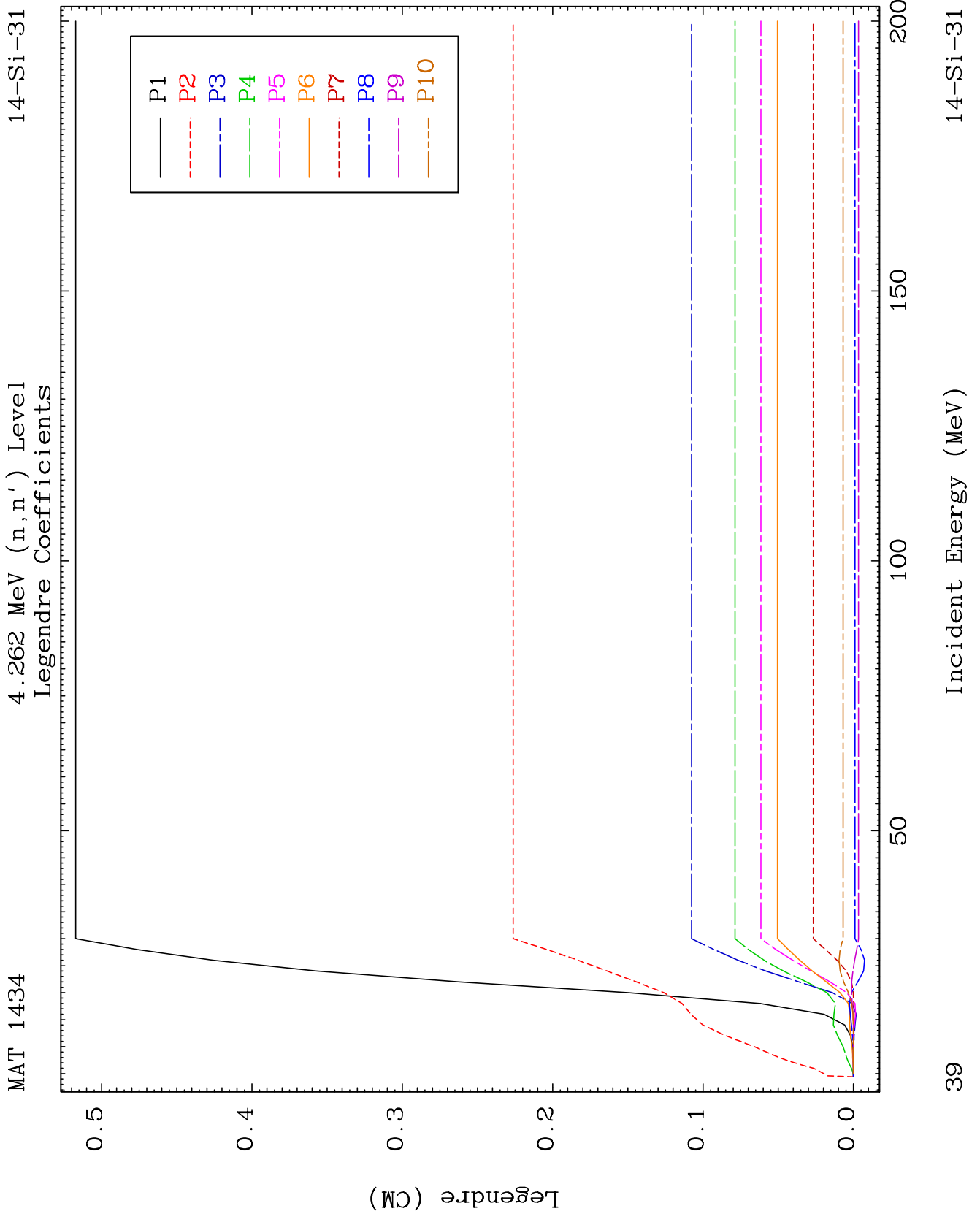


37

Incident Energy (MeV)

14-Si-31

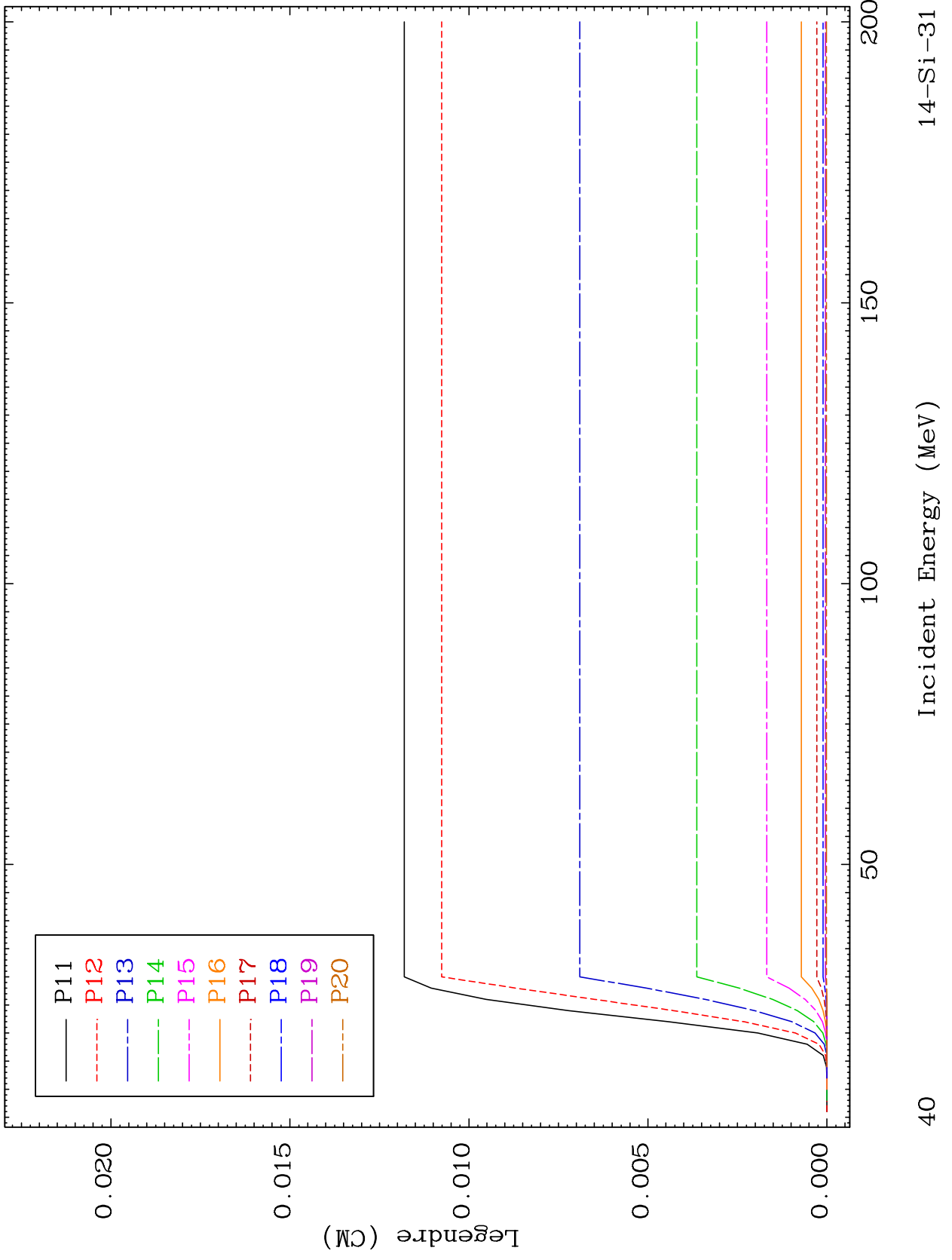




MAT 1434

4.262 MeV (n,n') Level
Legendre Coefficients

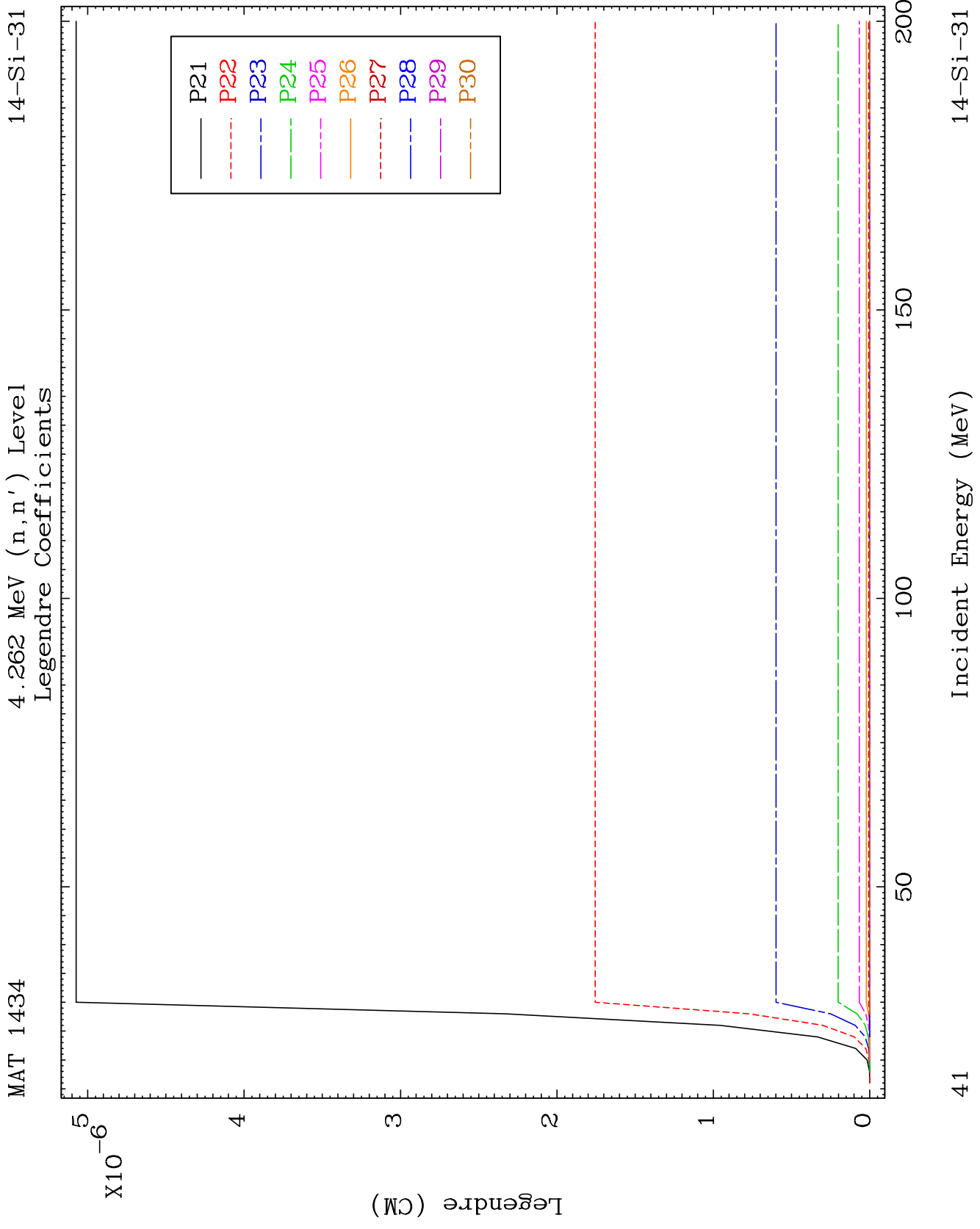
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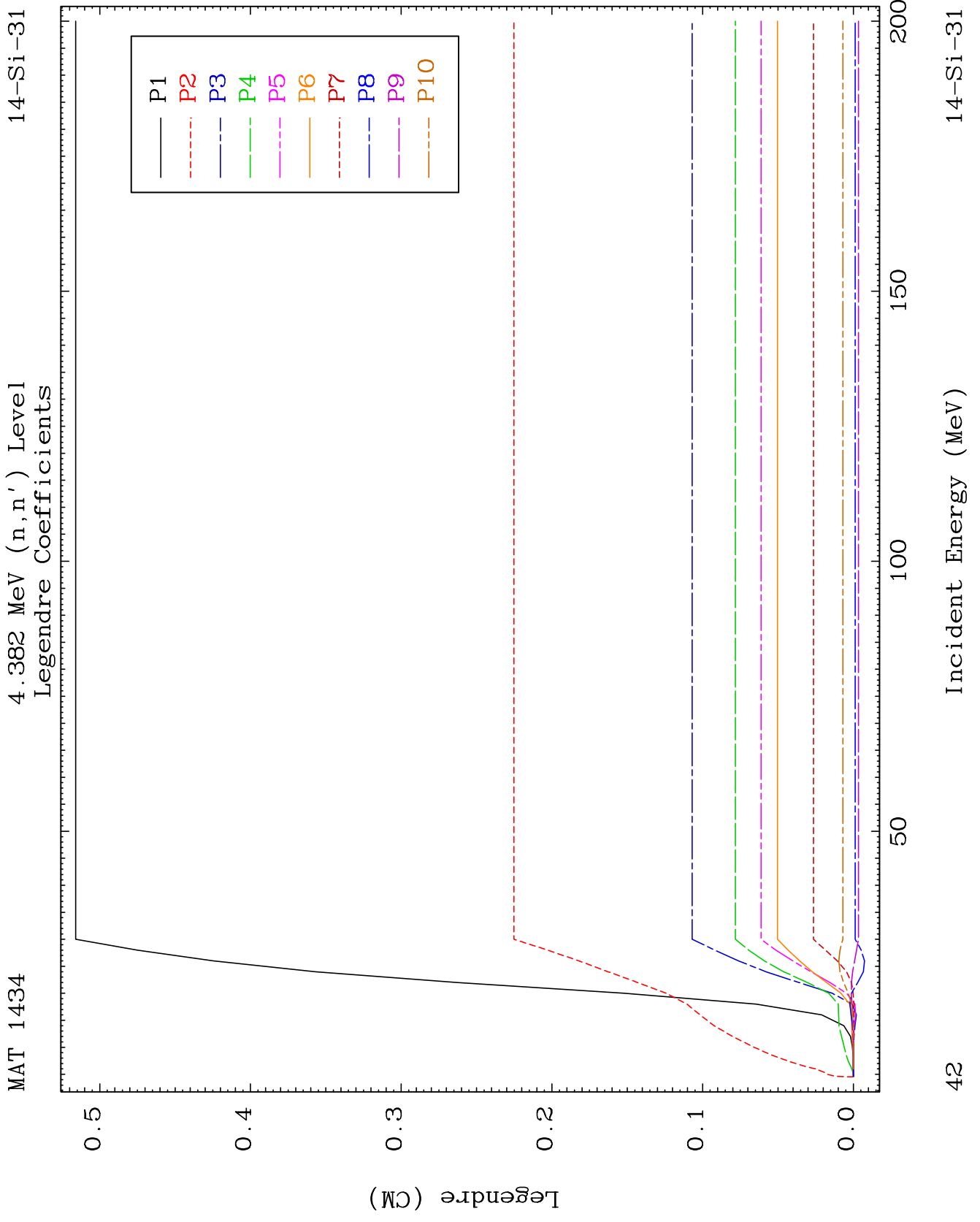


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Incident Energy (MeV)

14-Si-31

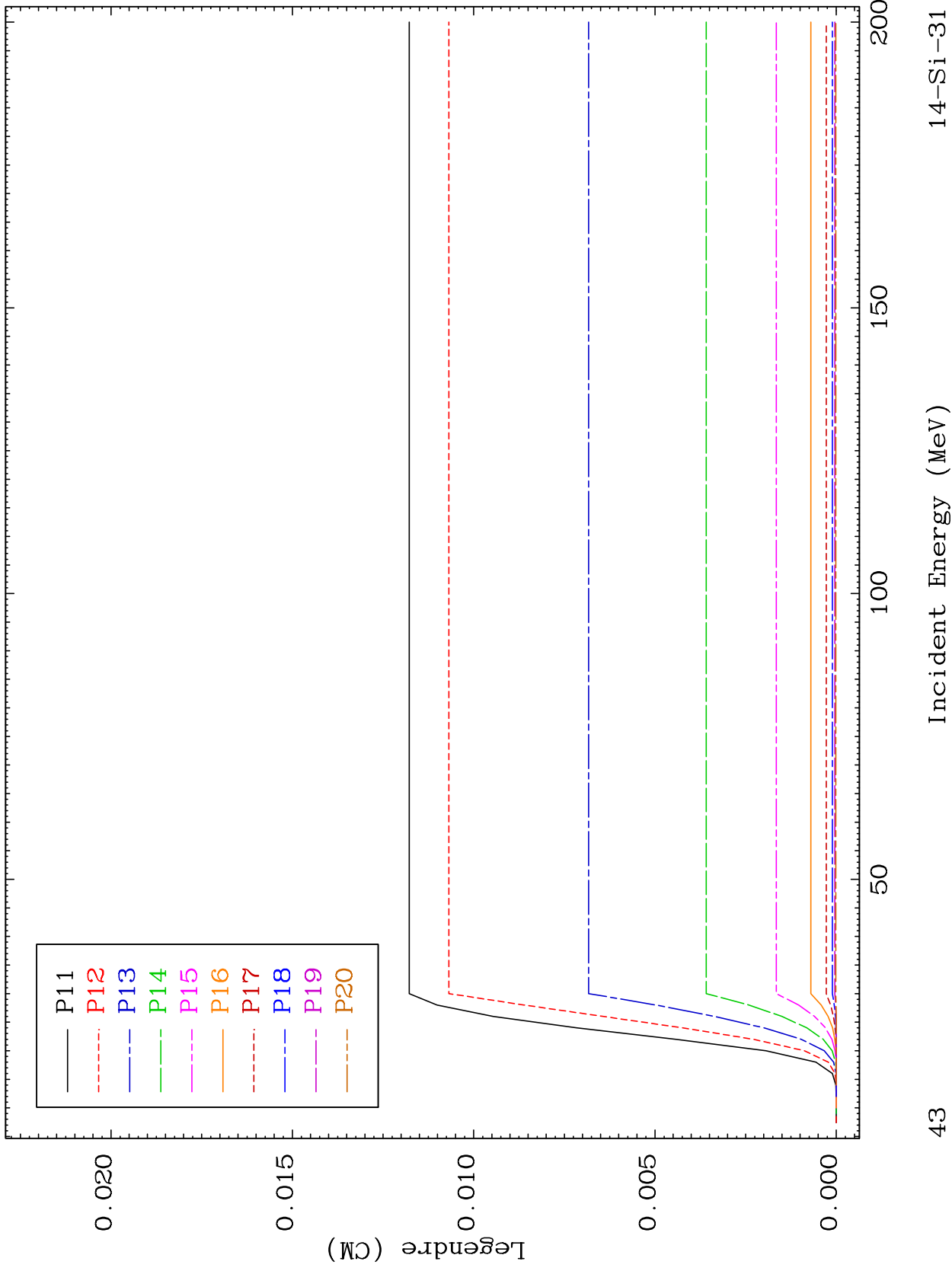




MAT 1434

4.382 MeV (n,n') Level
Legendre Coefficients

14-Si-31



43

Incident Energy (MeV)

14-Si-31

200

150

100

50

0.020

0.015

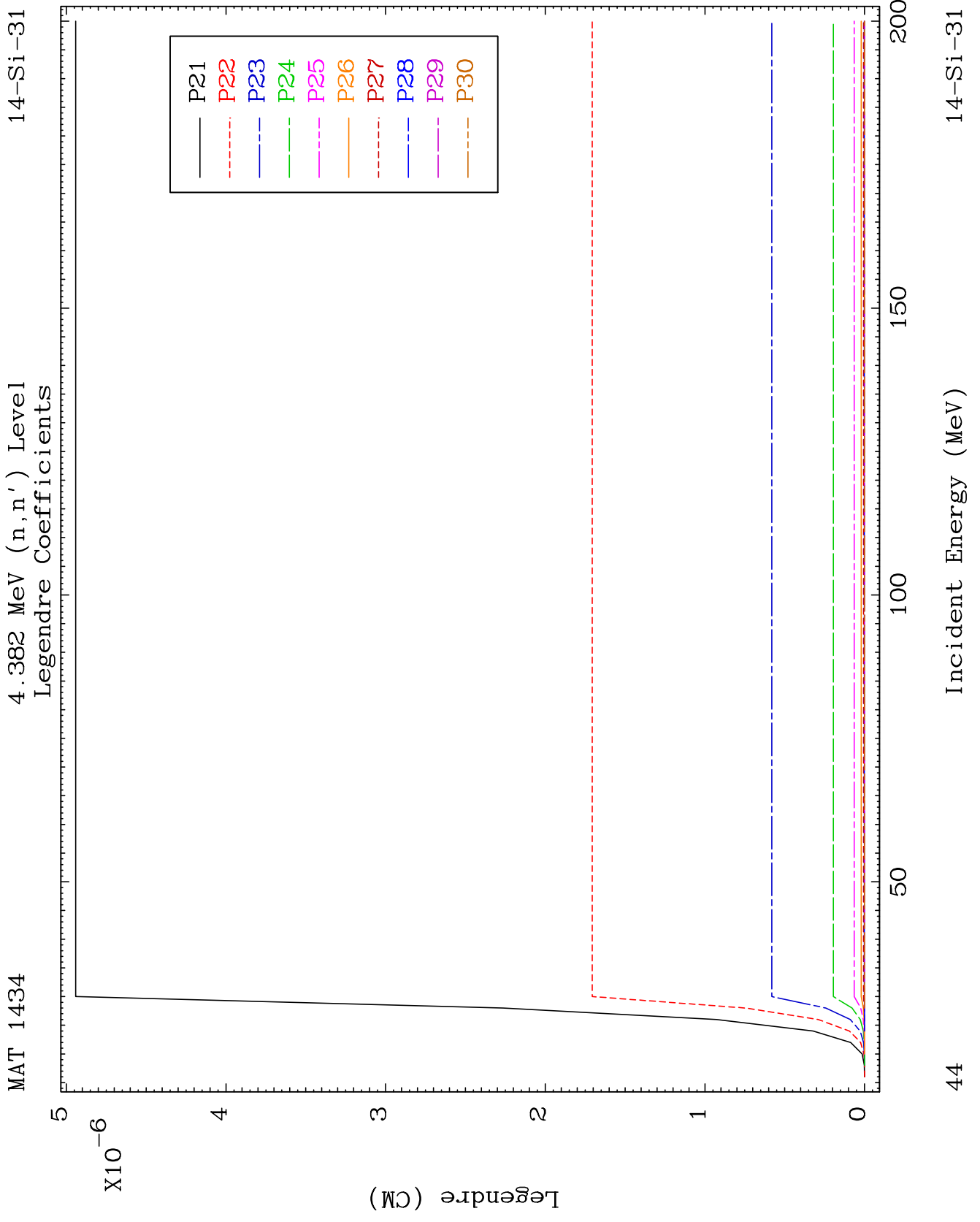
0.010

0.005

0.000

Legendre (CM)

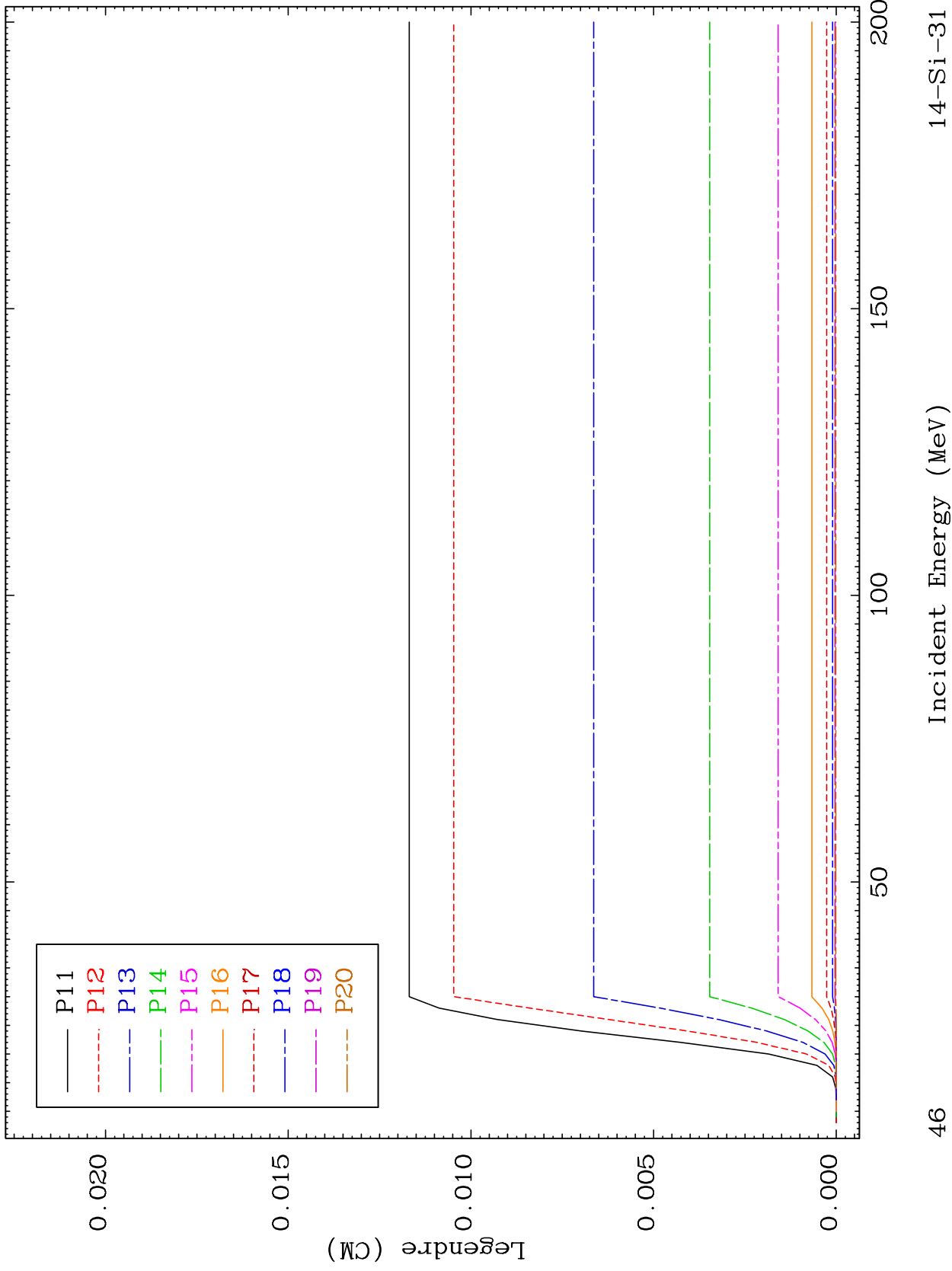




MAT 1434

4.690 MeV (n,n') Level
Legendre Coefficients

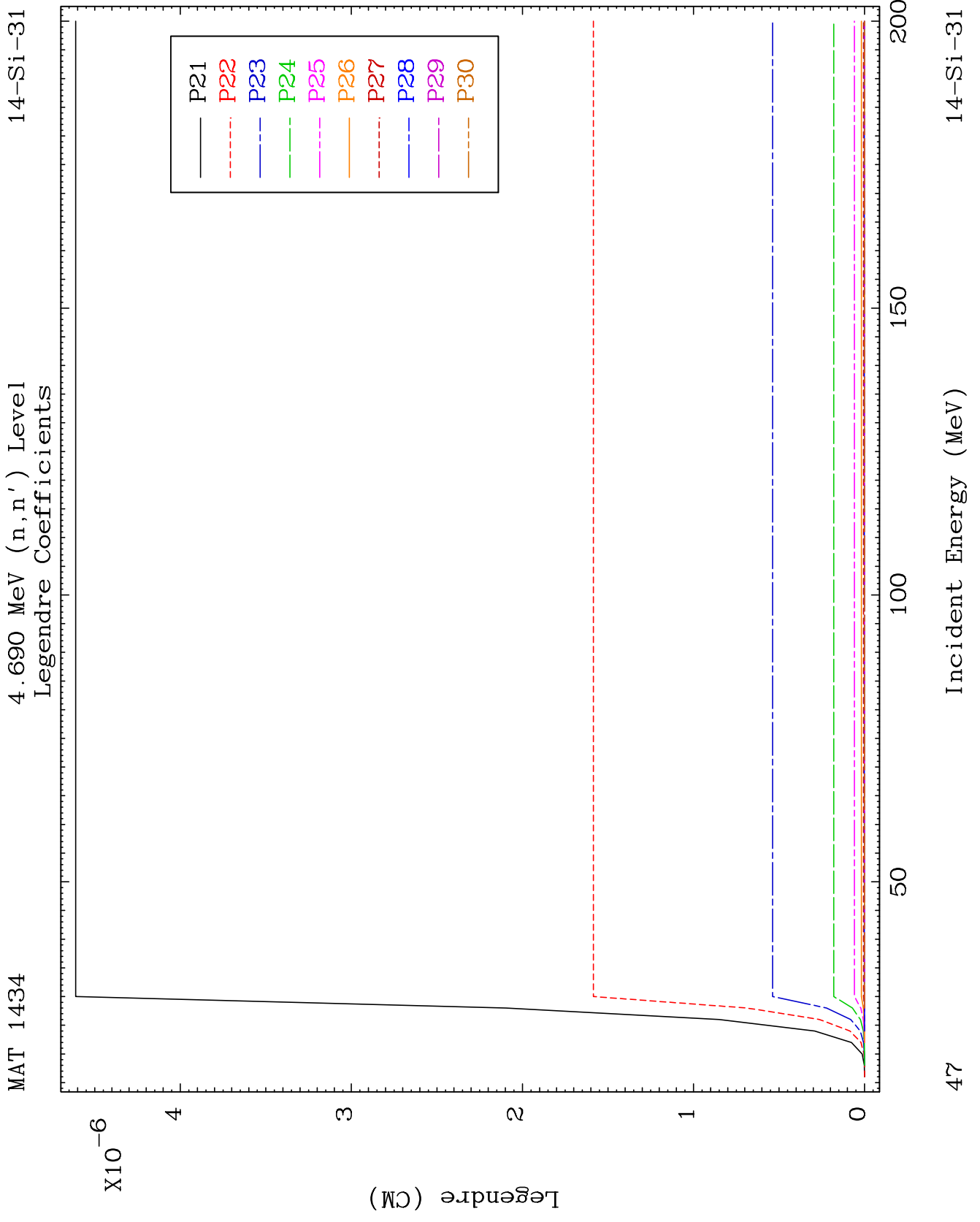
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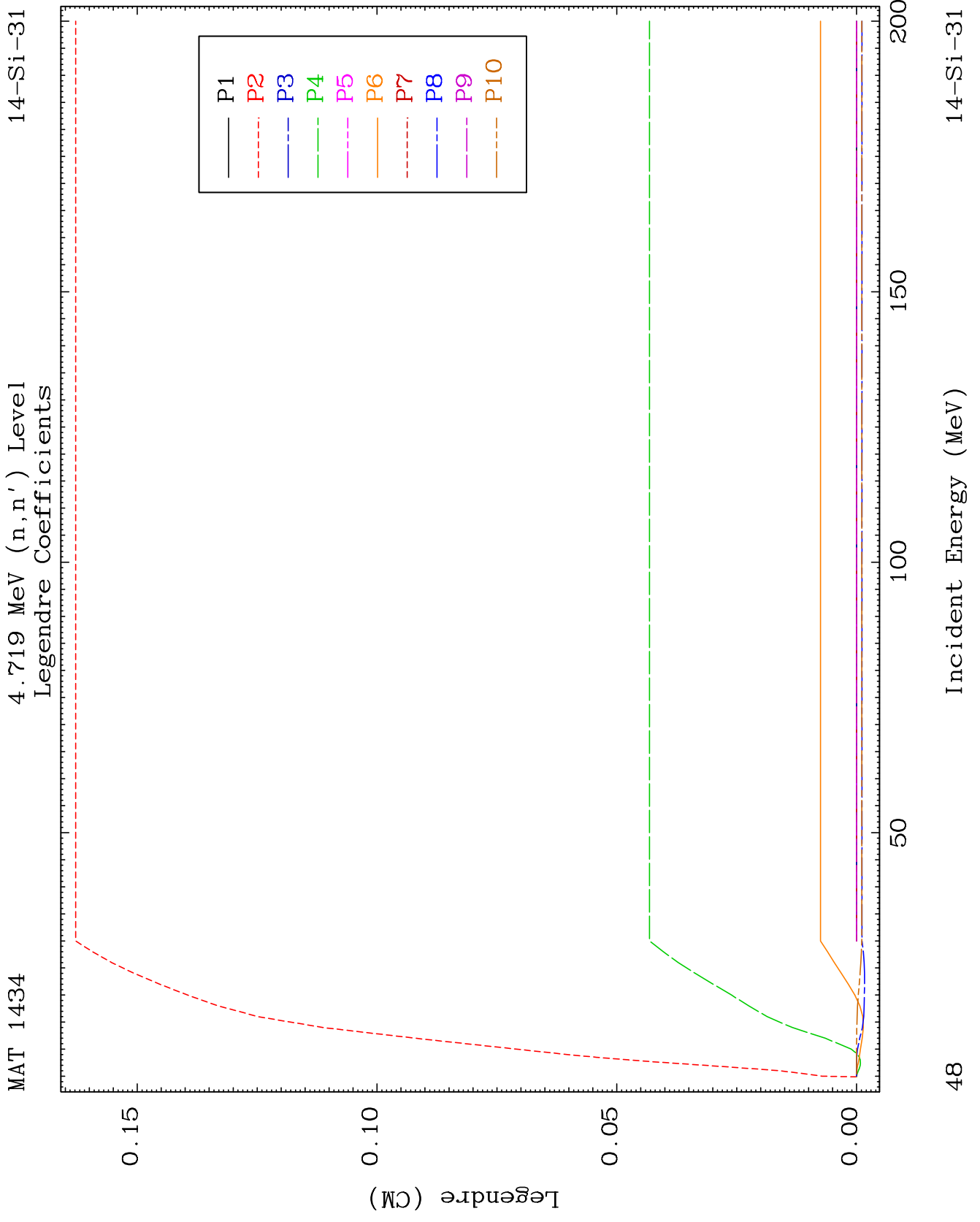


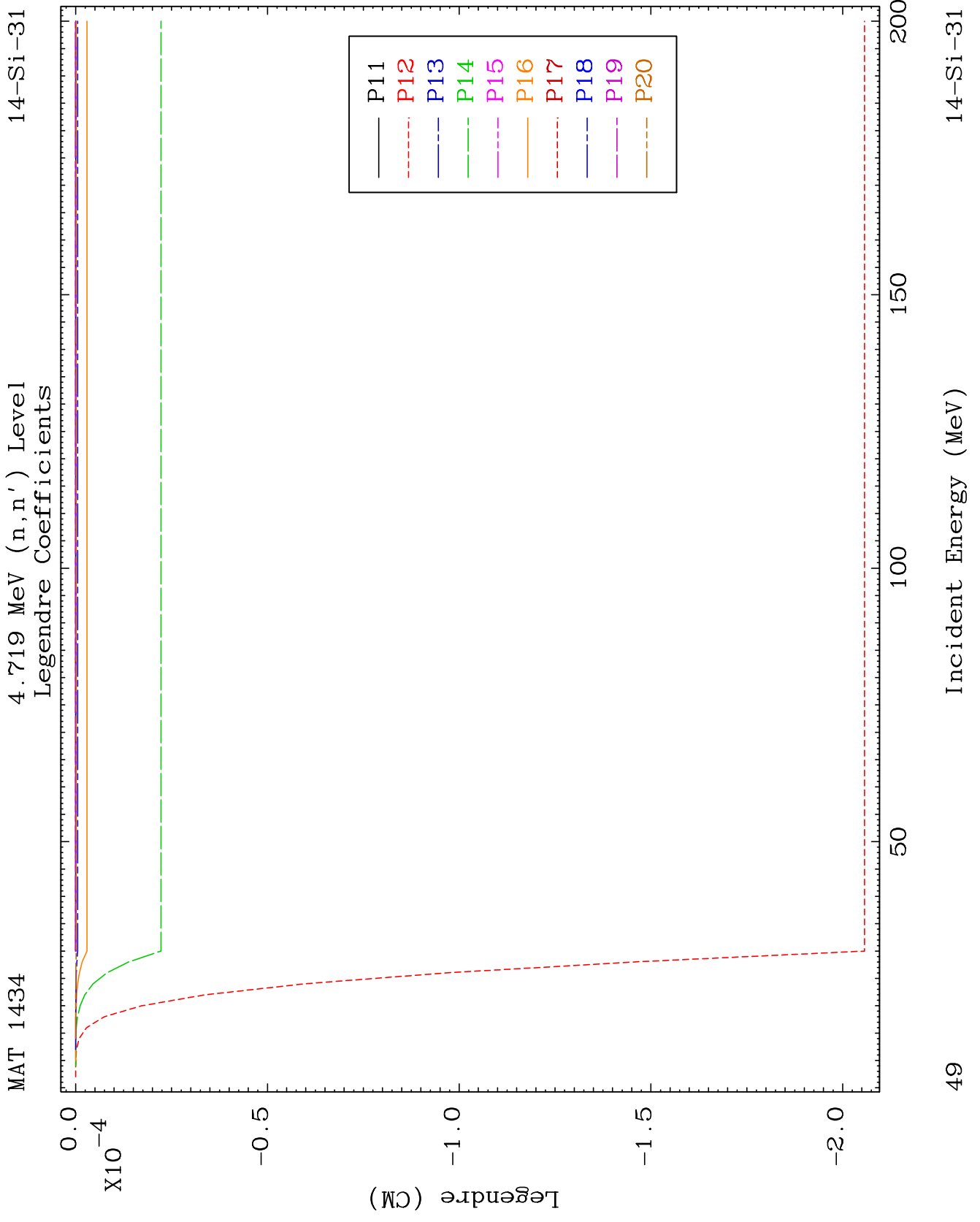
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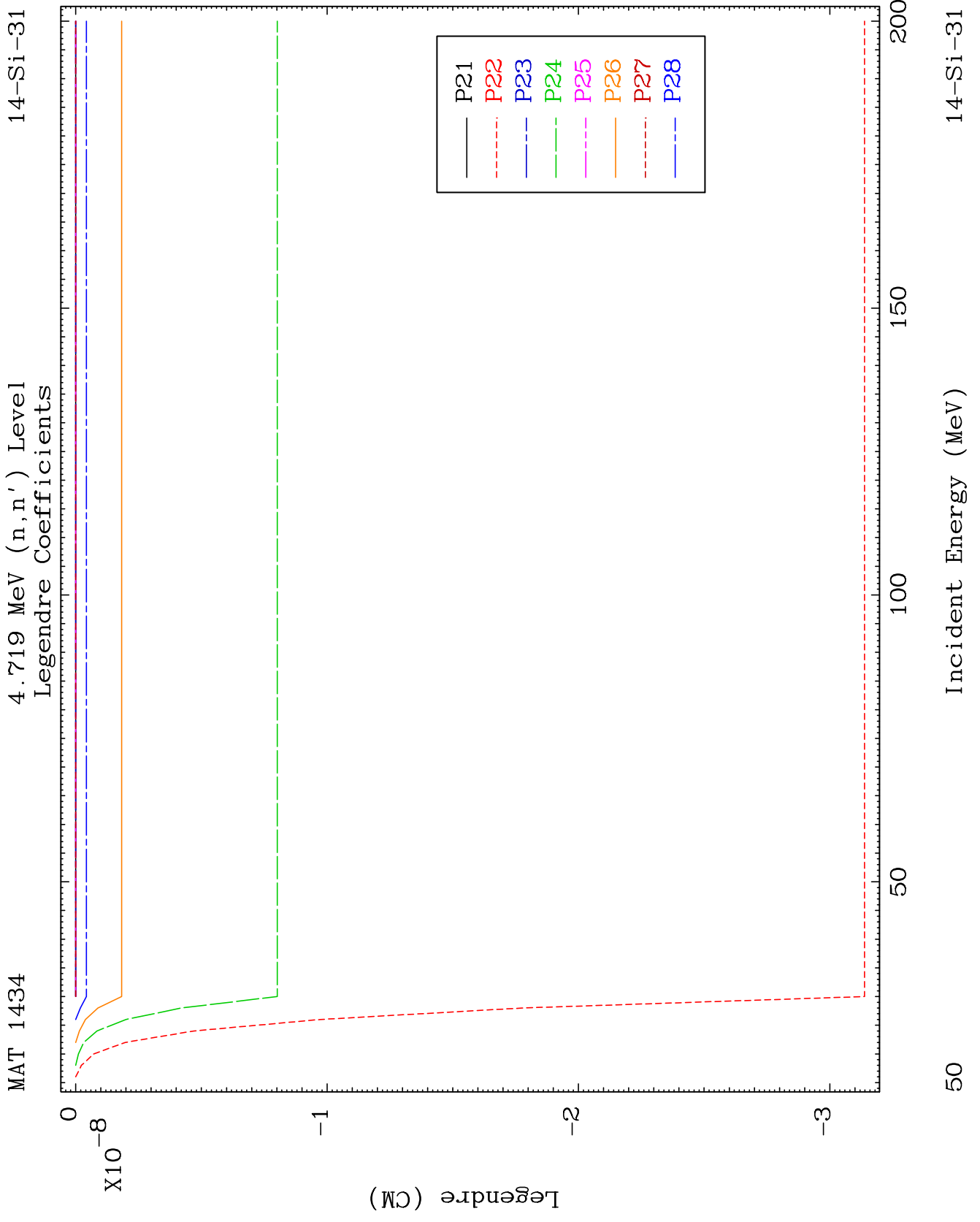
Incident Energy (MeV)

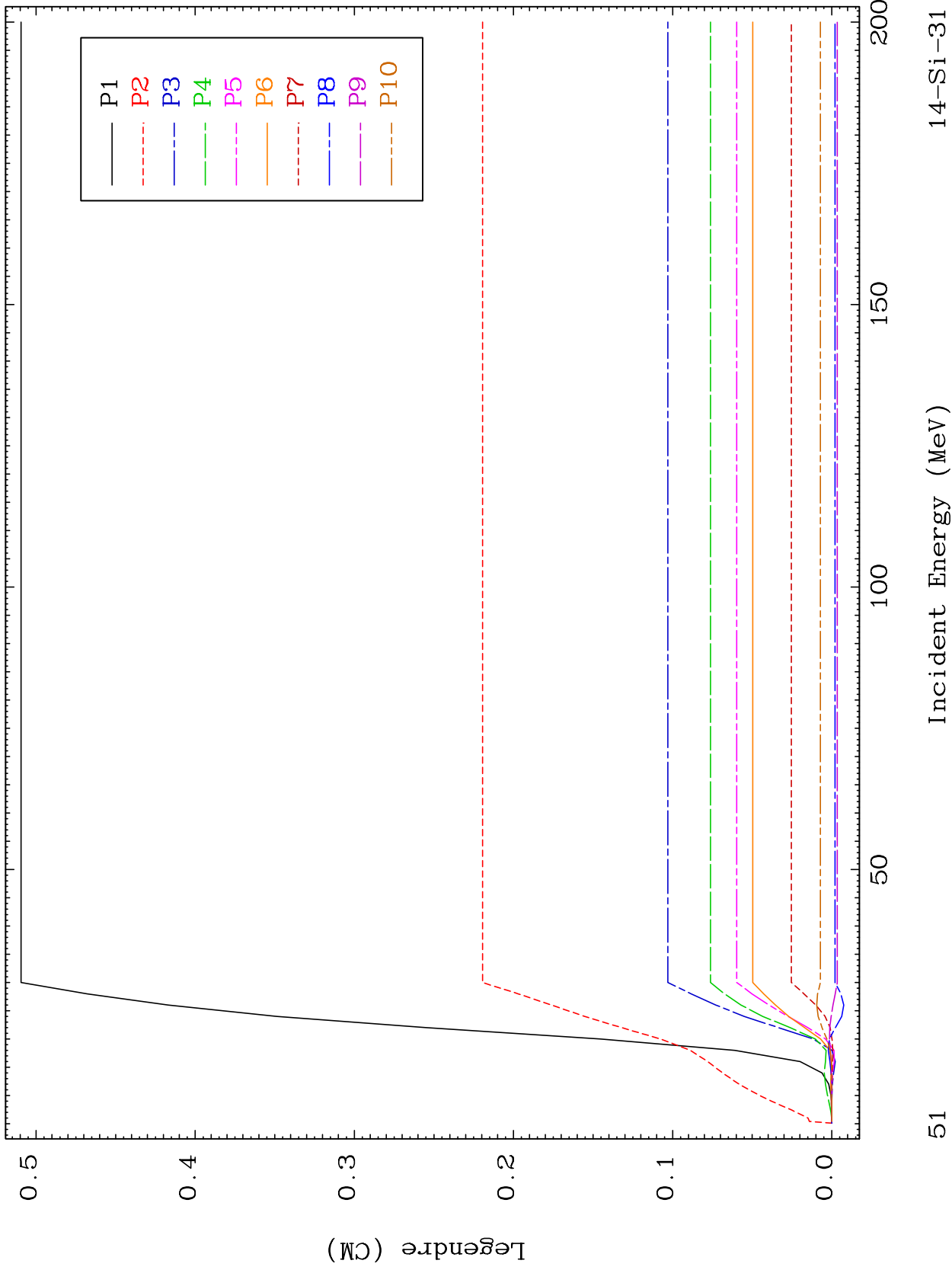
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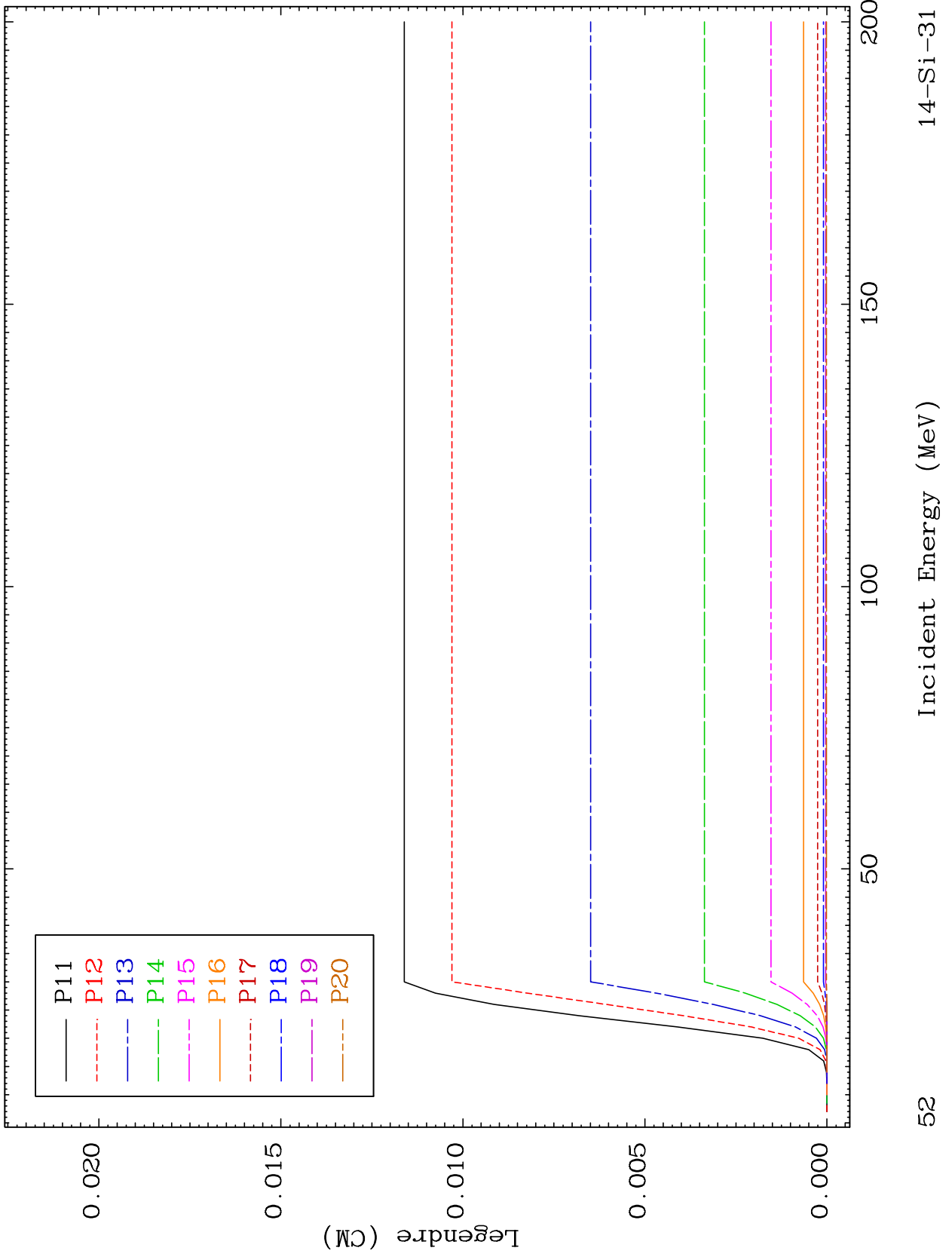




MAT 1434

4.933 MeV (n,n') Level
Legendre Coefficients

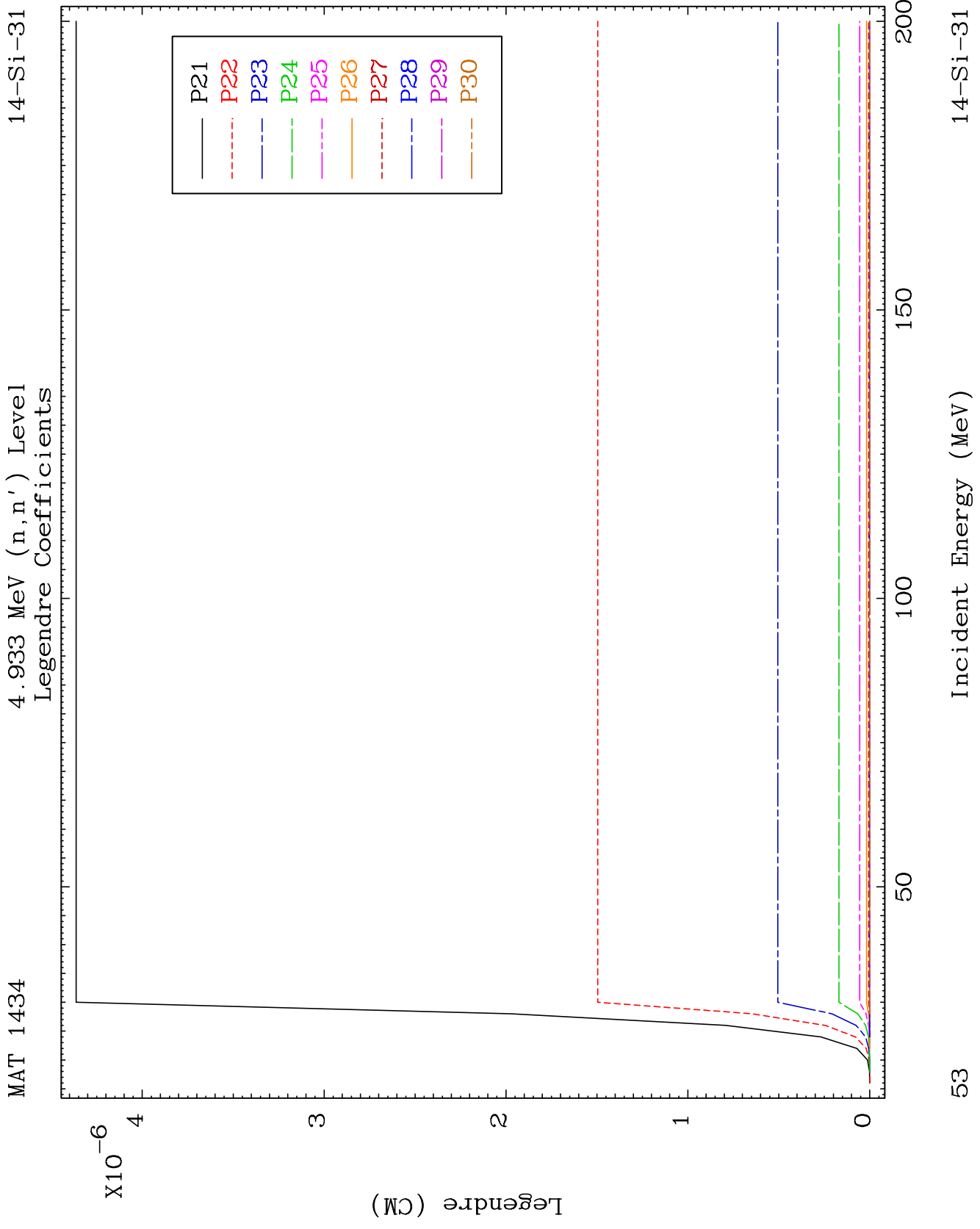
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52

Incident Energy (MeV)

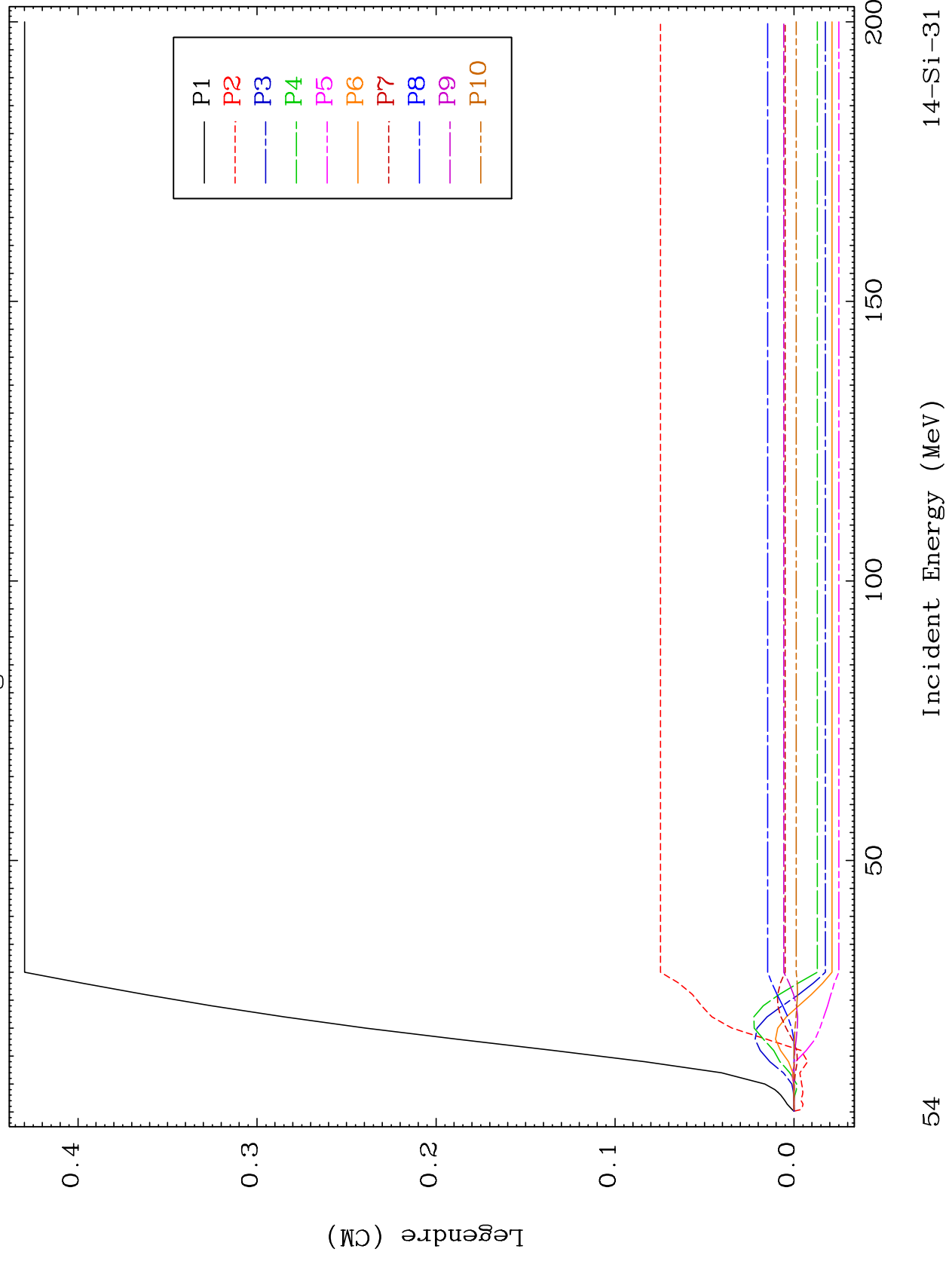
14-Si-31



MAT 1434

4.966 MeV (n,n') Level
Legendre Coefficients

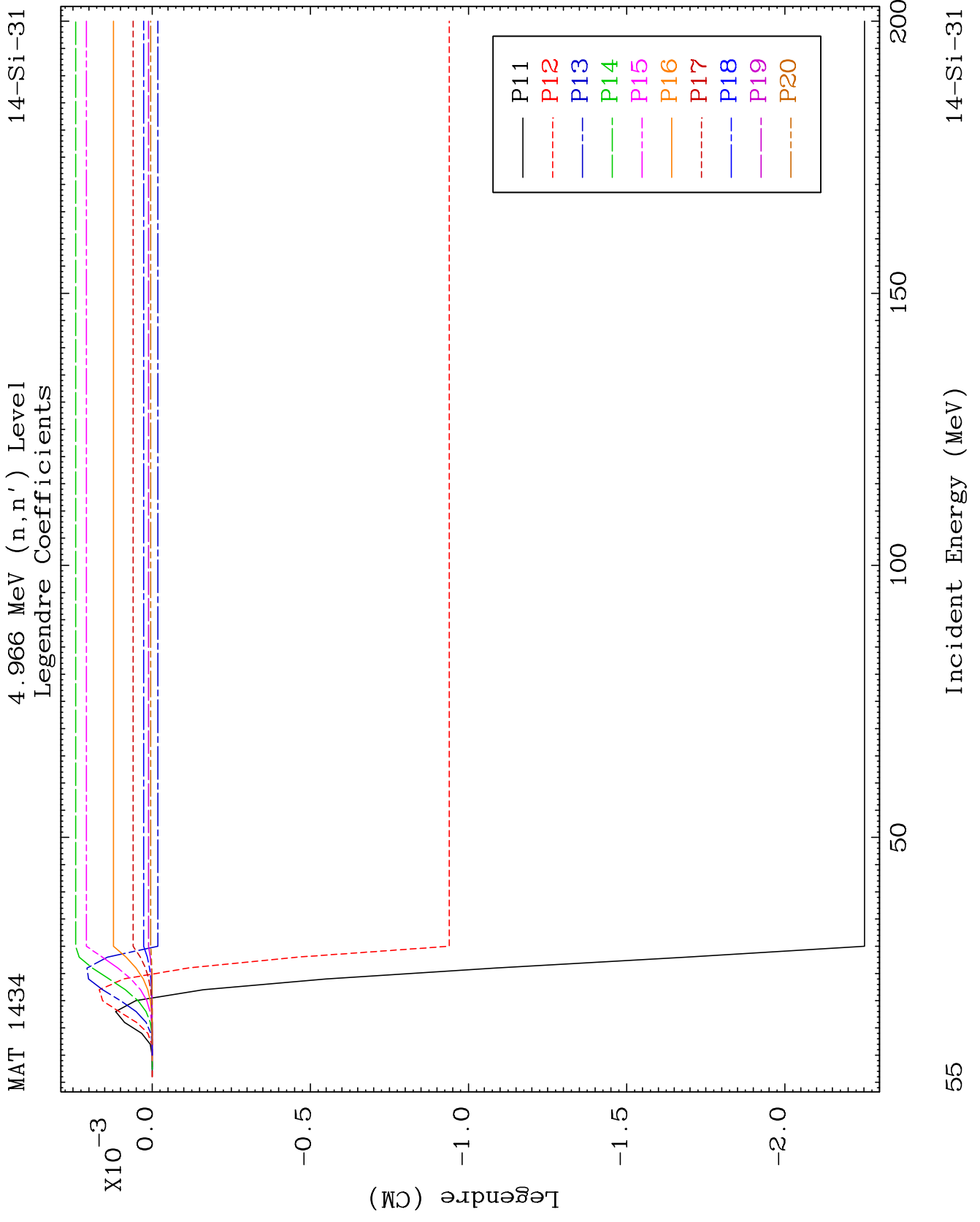
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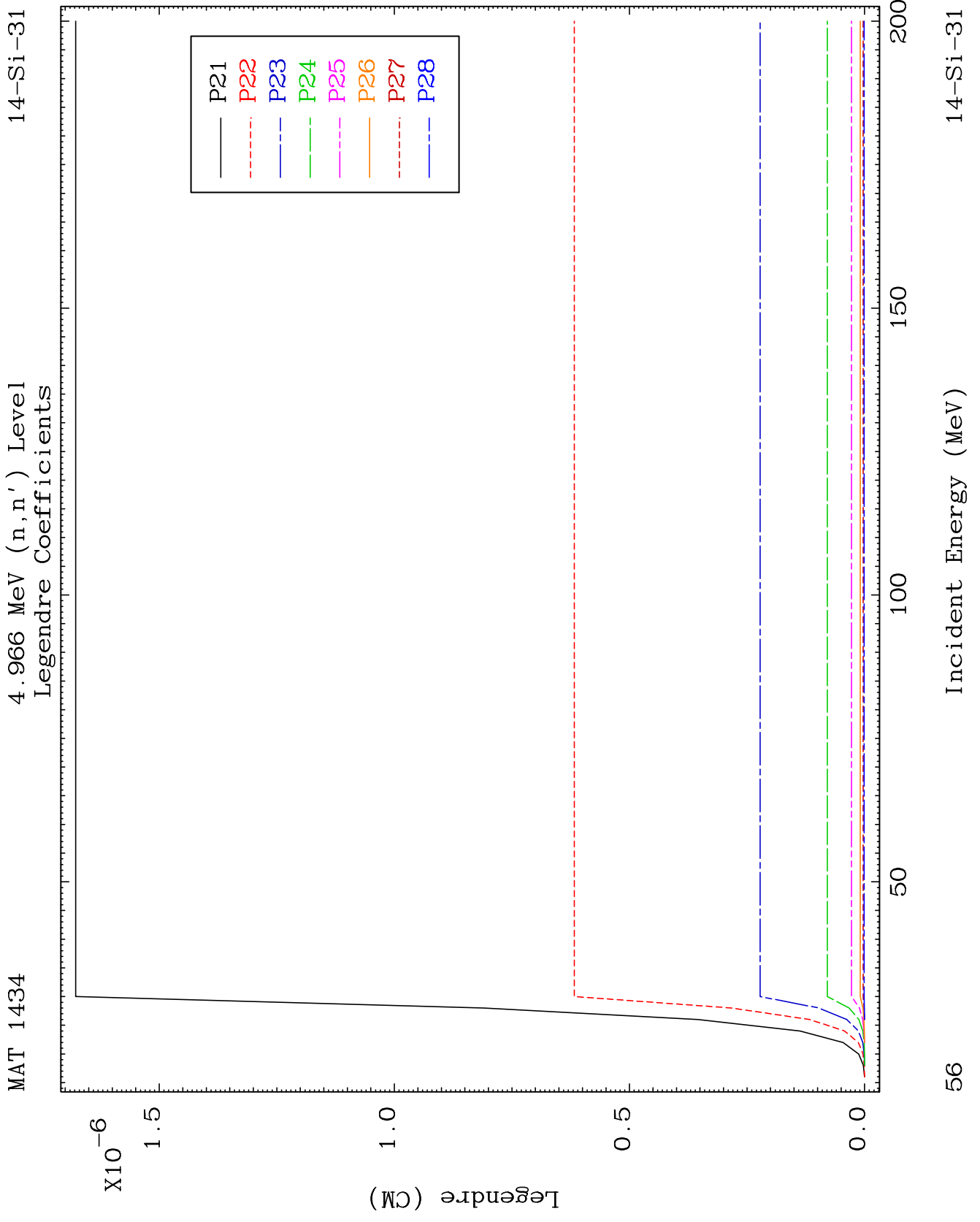


54

Incident Energy (MeV)

14-Si-31

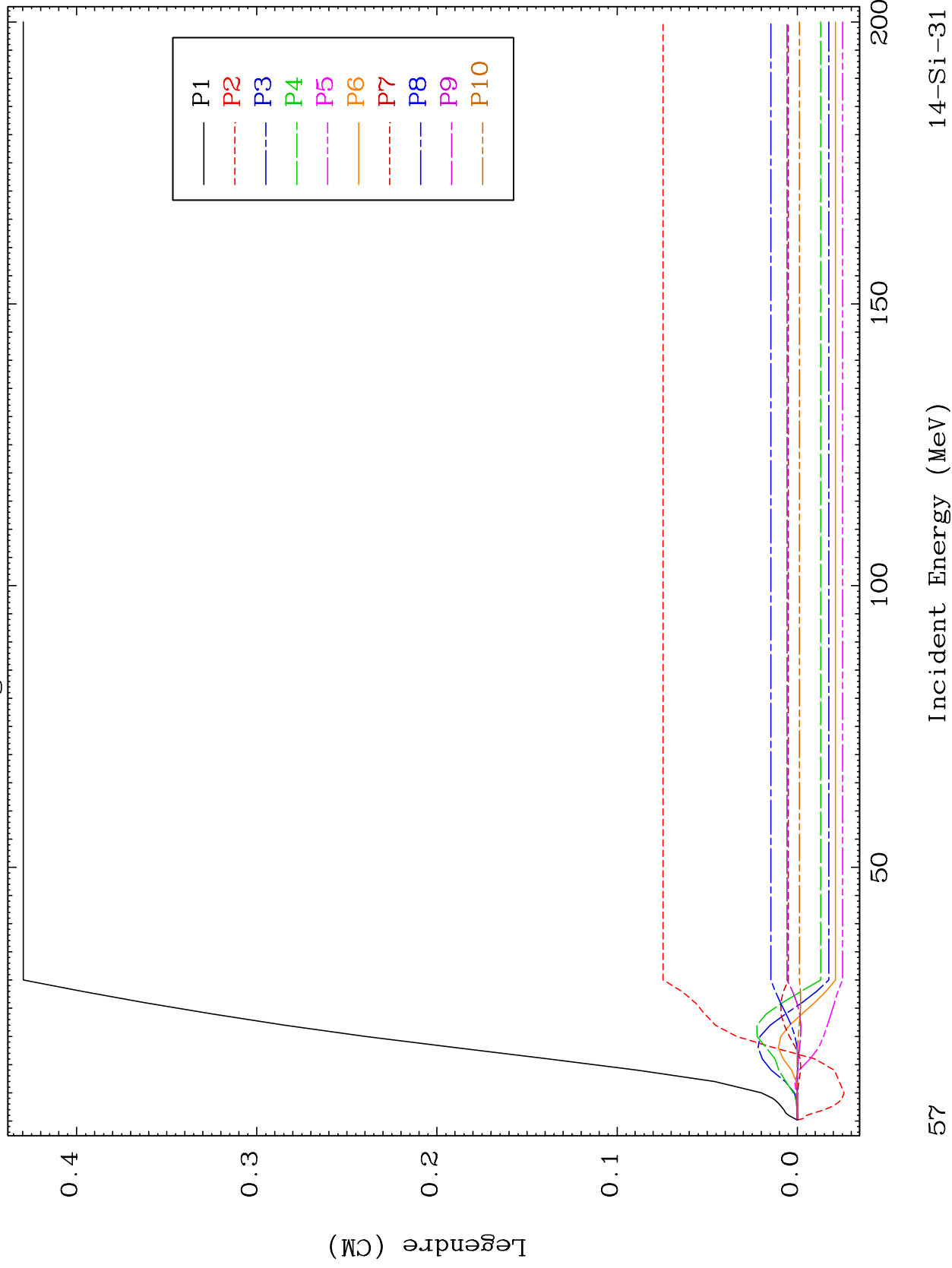




MAT 1434

4.992 MeV (n,n') Level
Legendre Coefficients

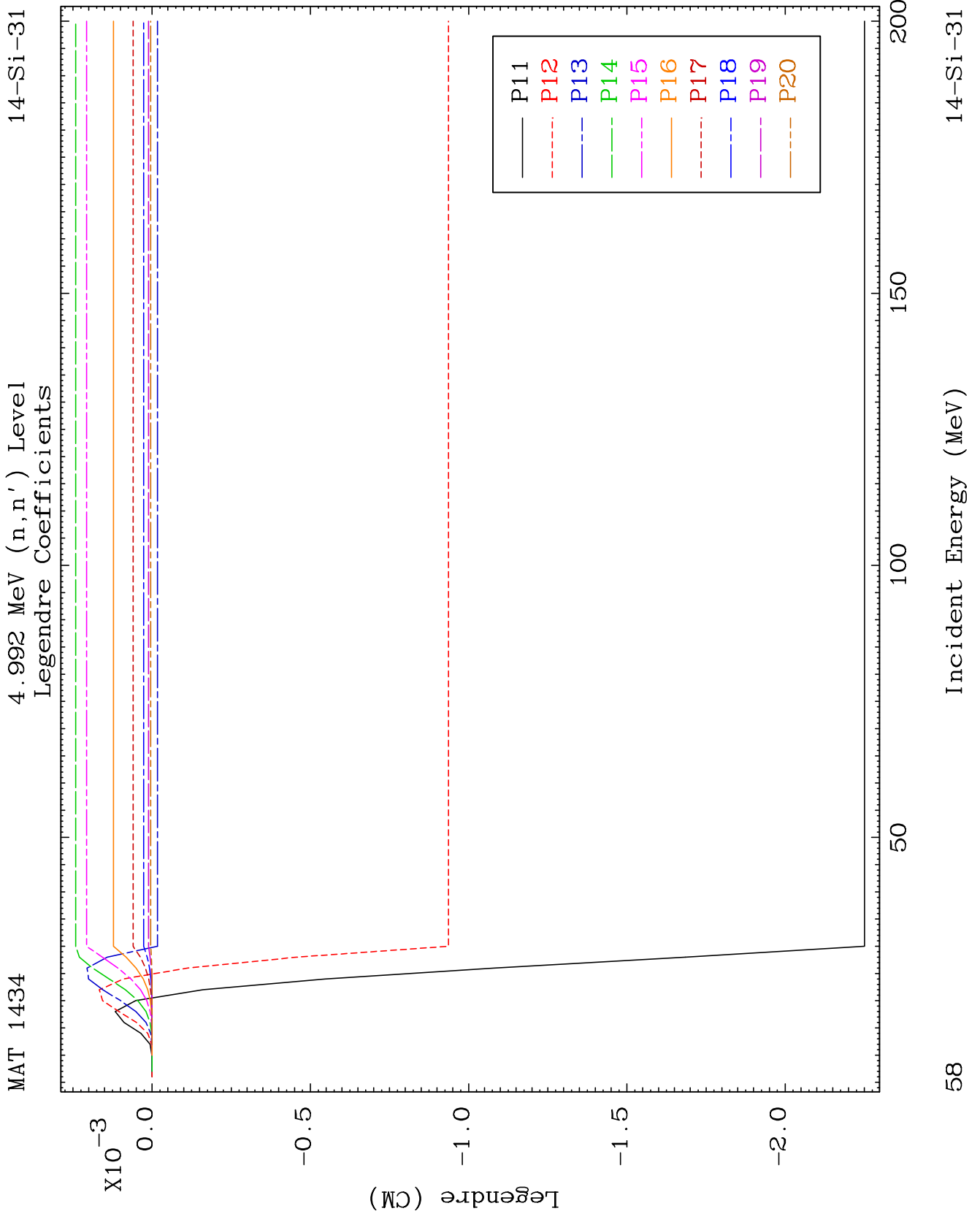
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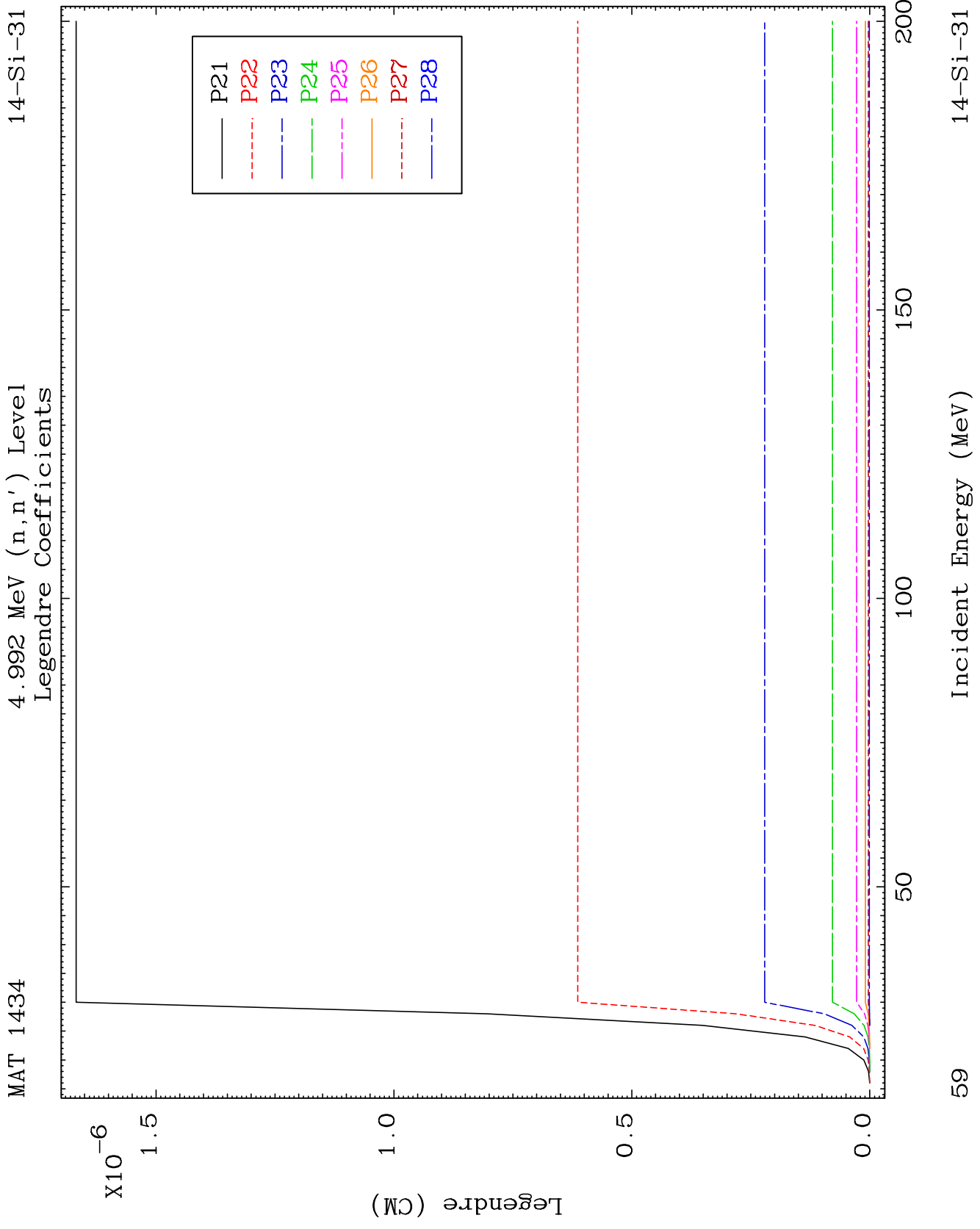


57

Incident Energy (MeV)

14-Si-31

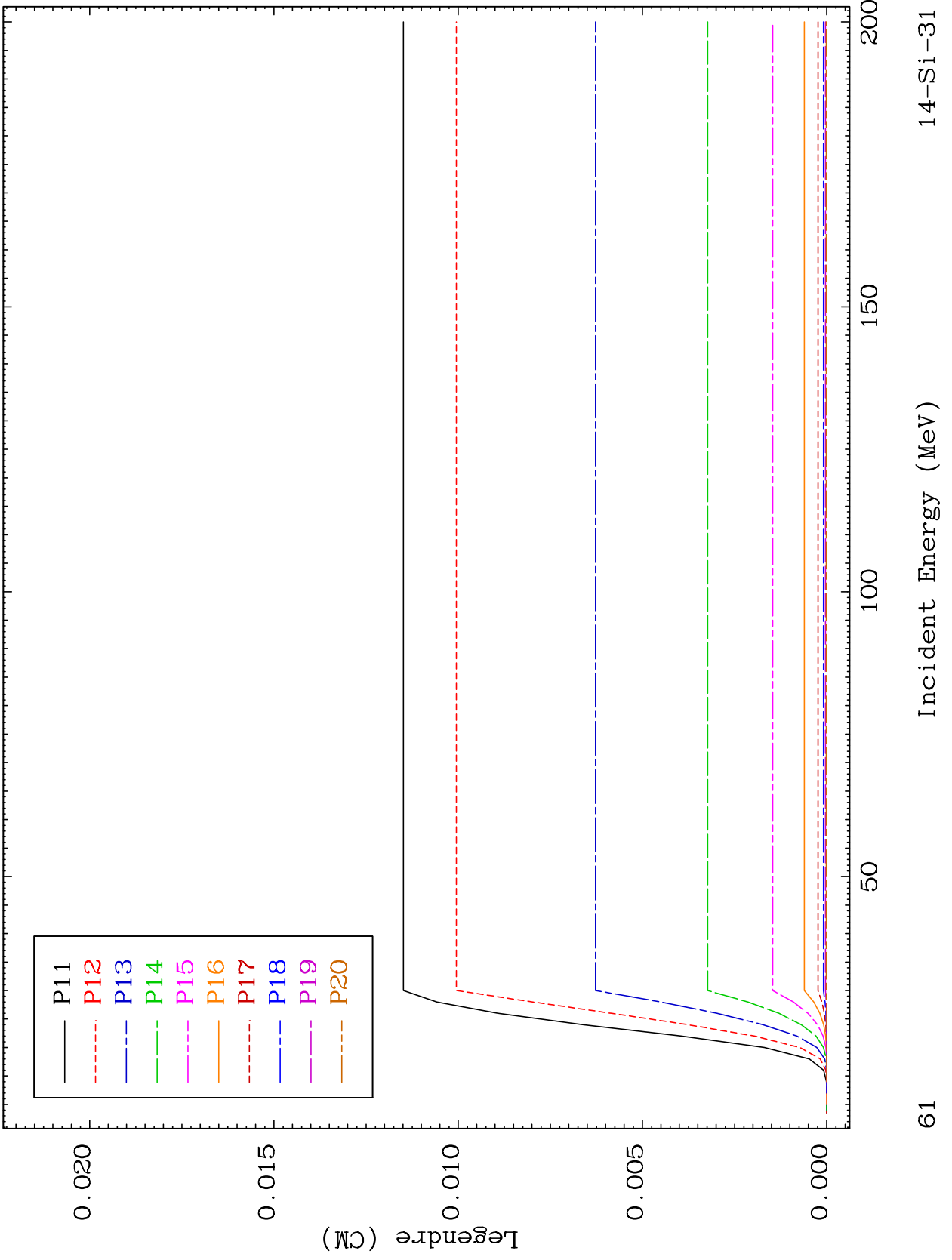




MAT 1434

5.281 MeV (n,n') Level
Legendre Coefficients

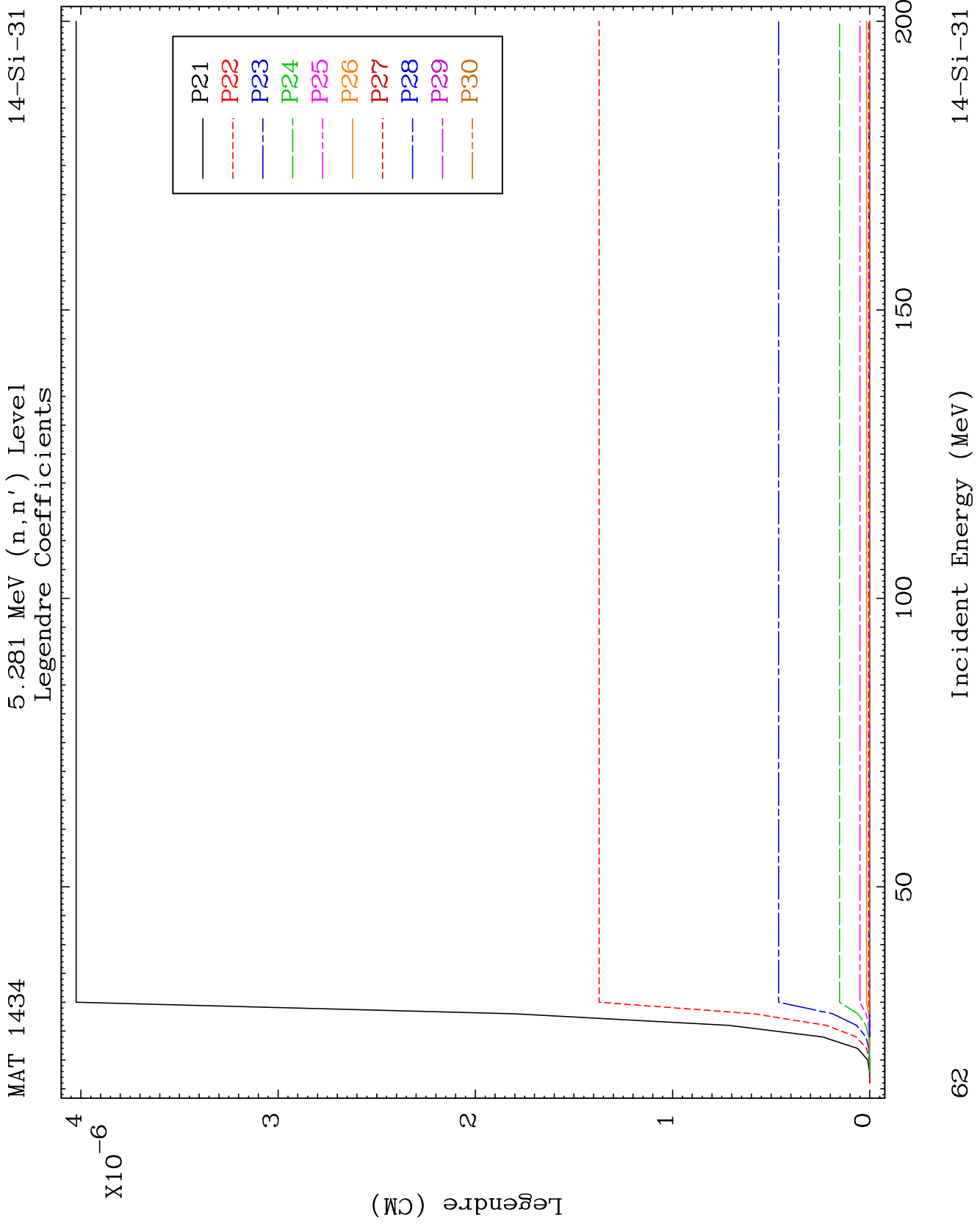
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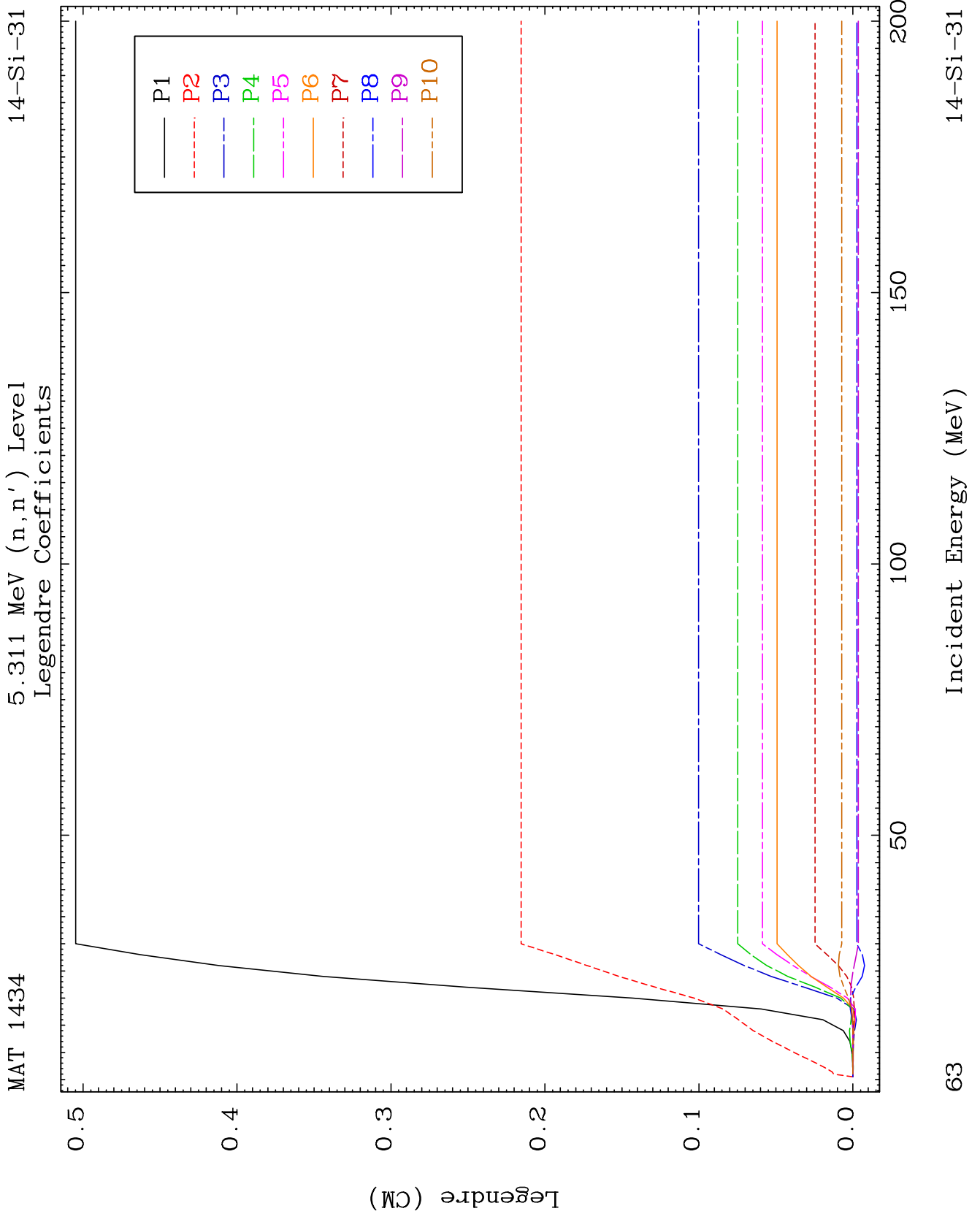


61

Incident Energy (MeV)

14-Si-31

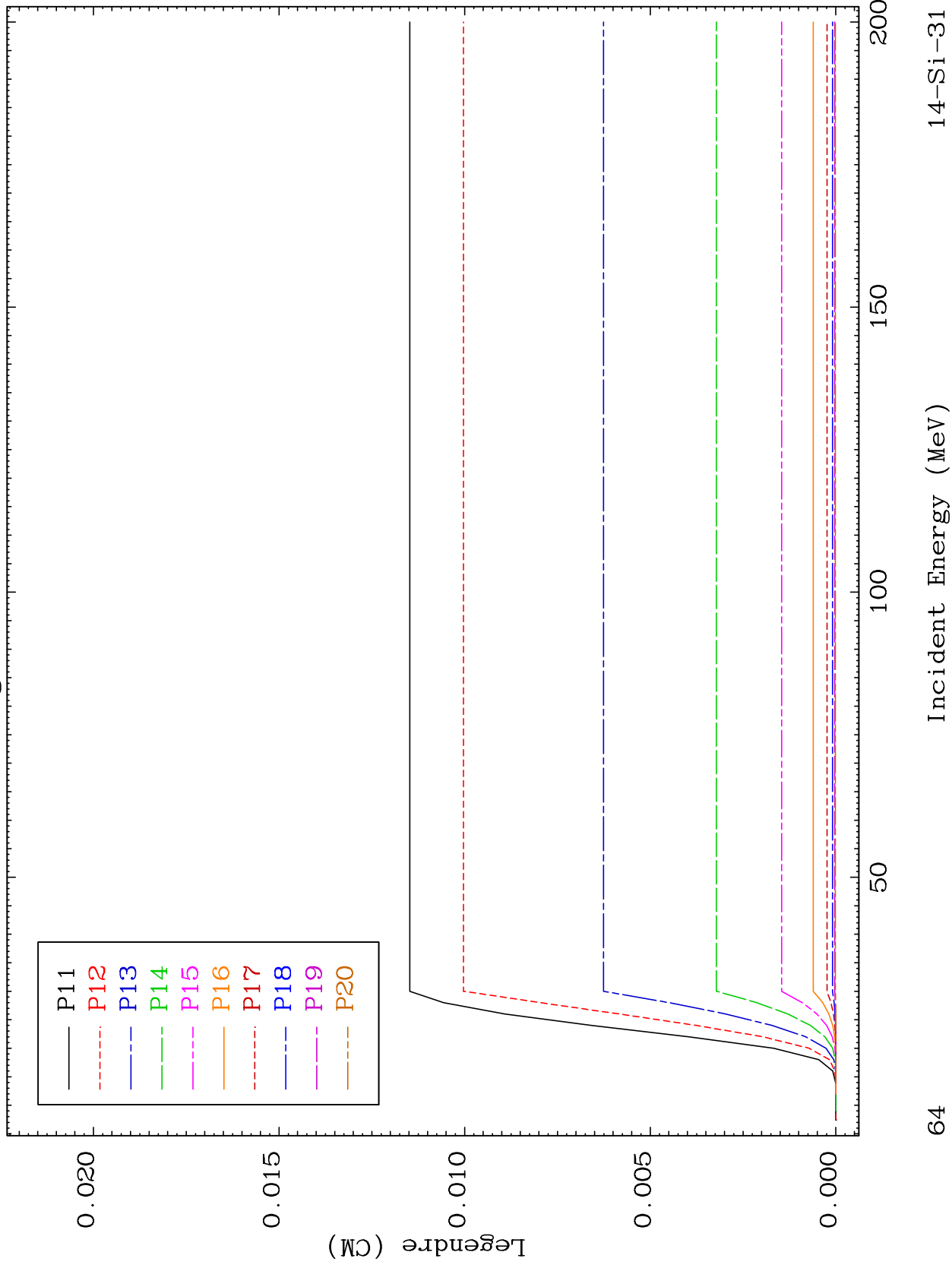




MAT 1434

5.311 MeV (n,n') Level
Legendre Coefficients

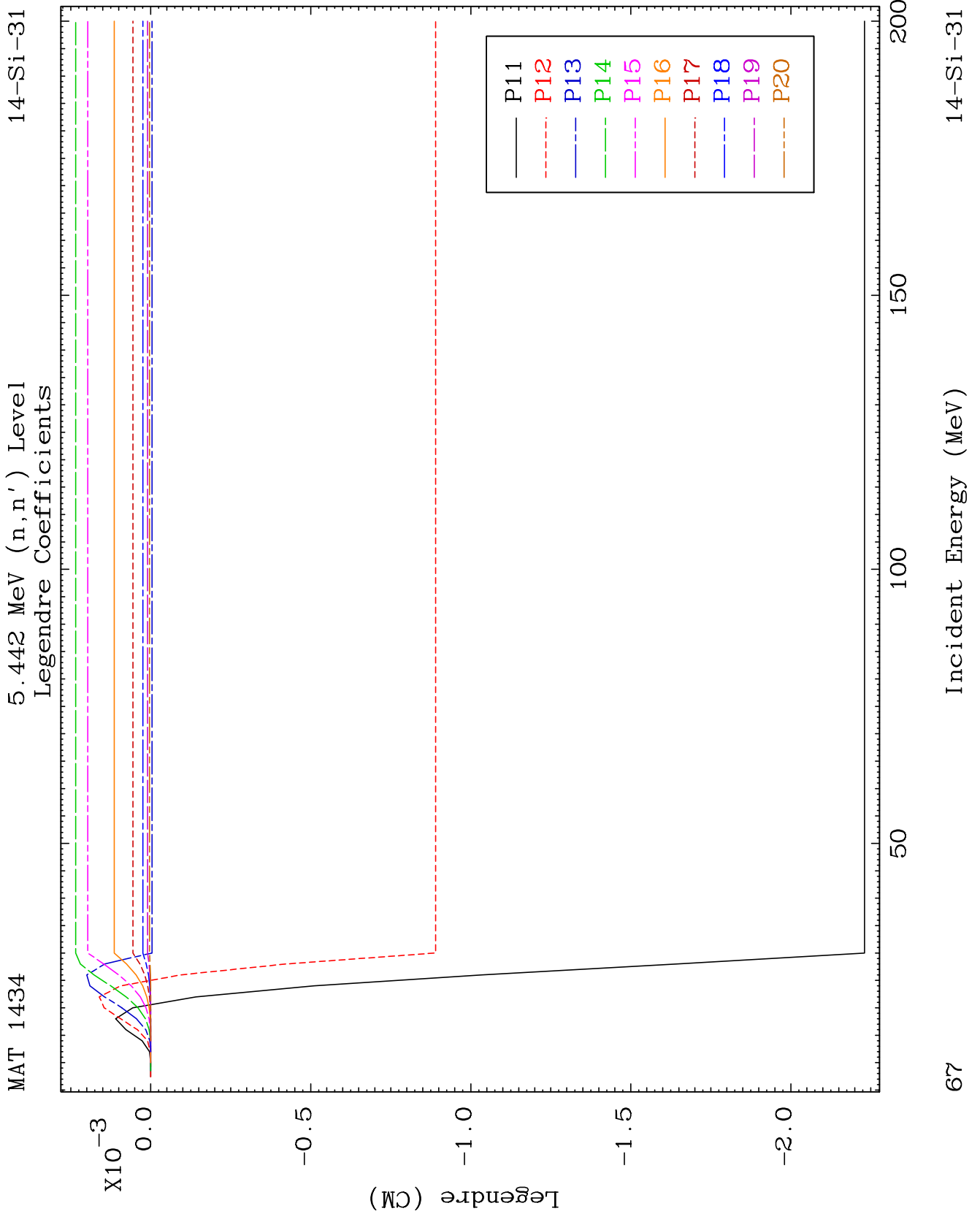
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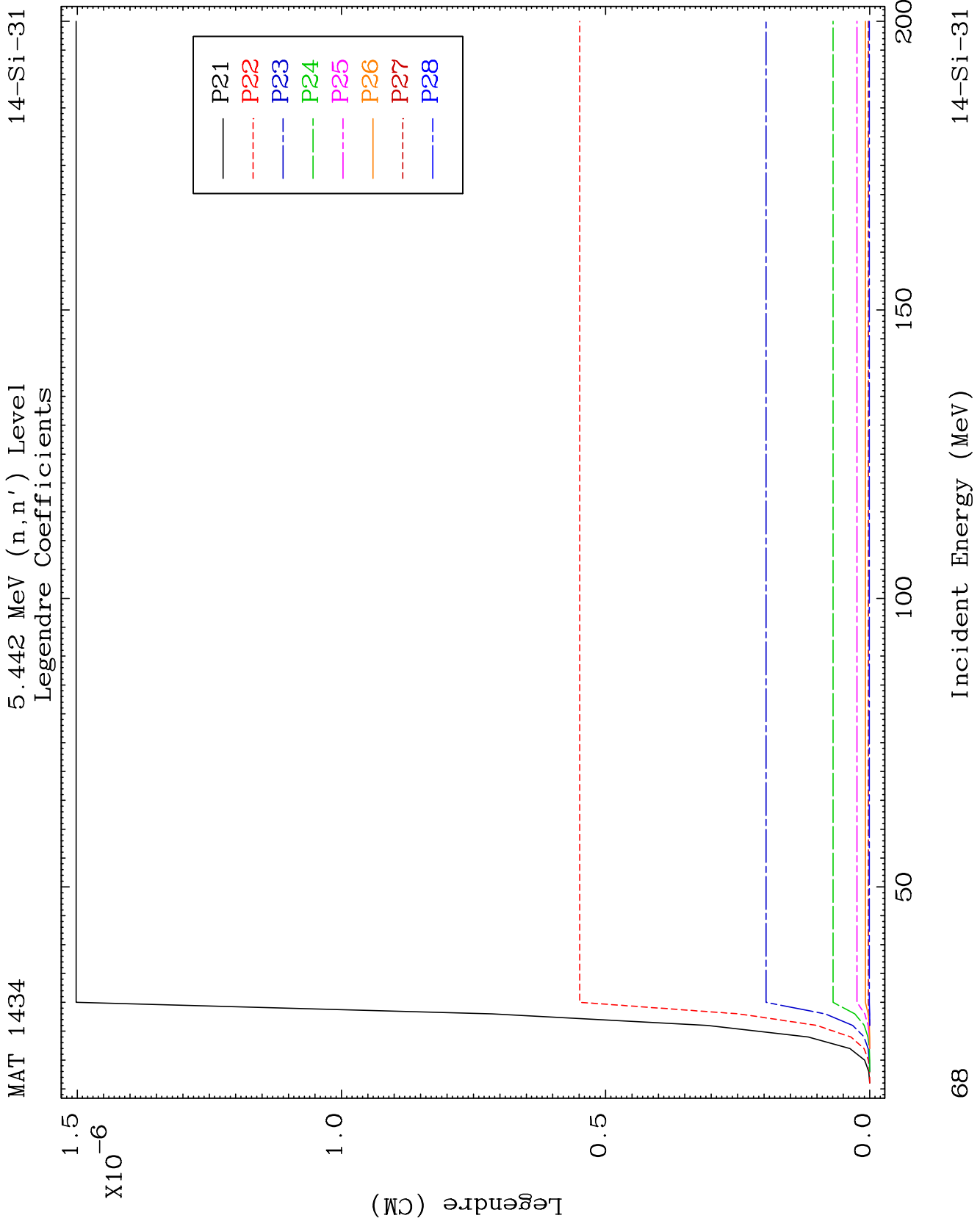


64

Incident Energy (MeV)

14-Si-31

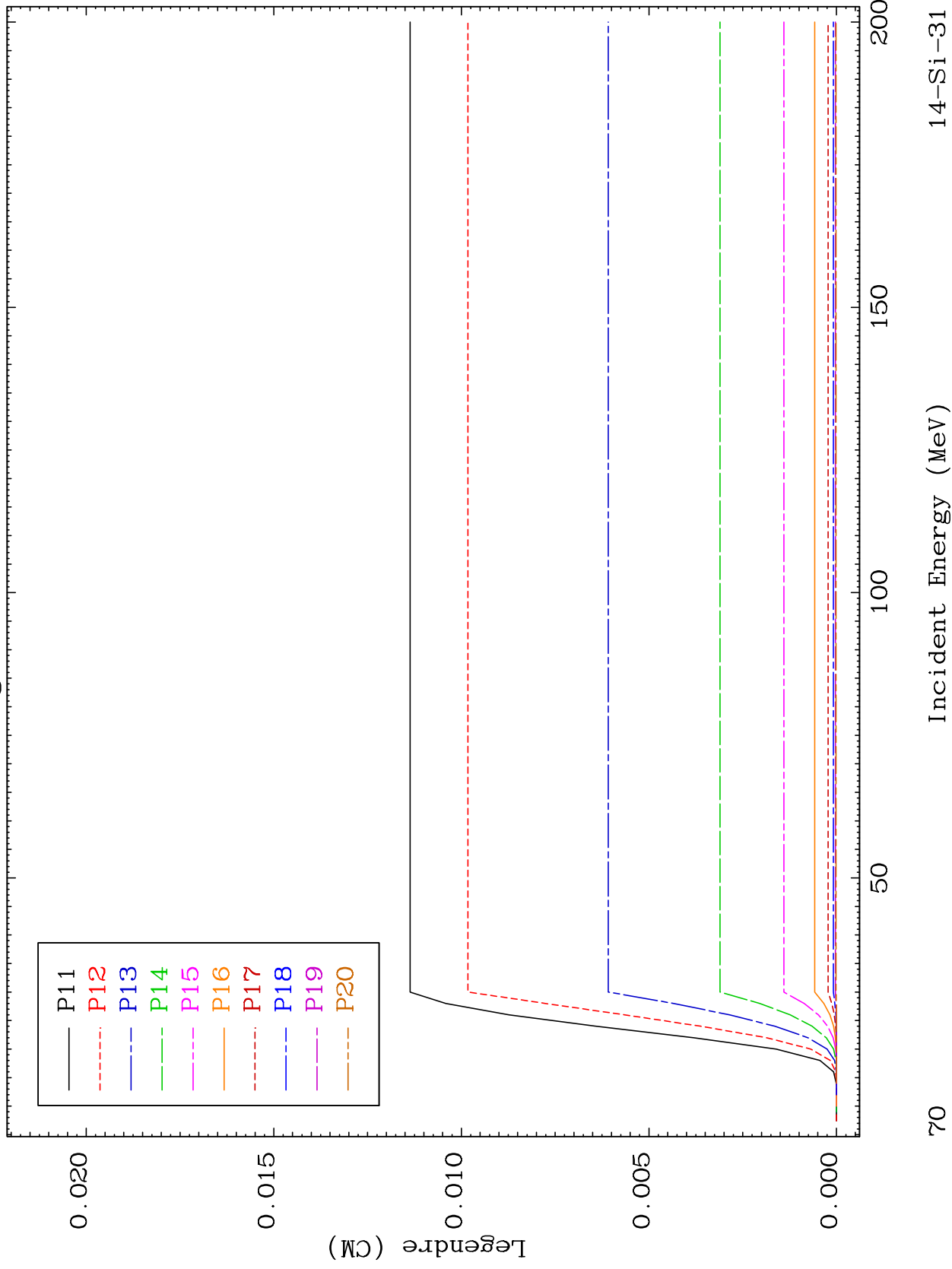




MAT 1434

5.594 MeV (n,n') Level
Legendre Coefficients

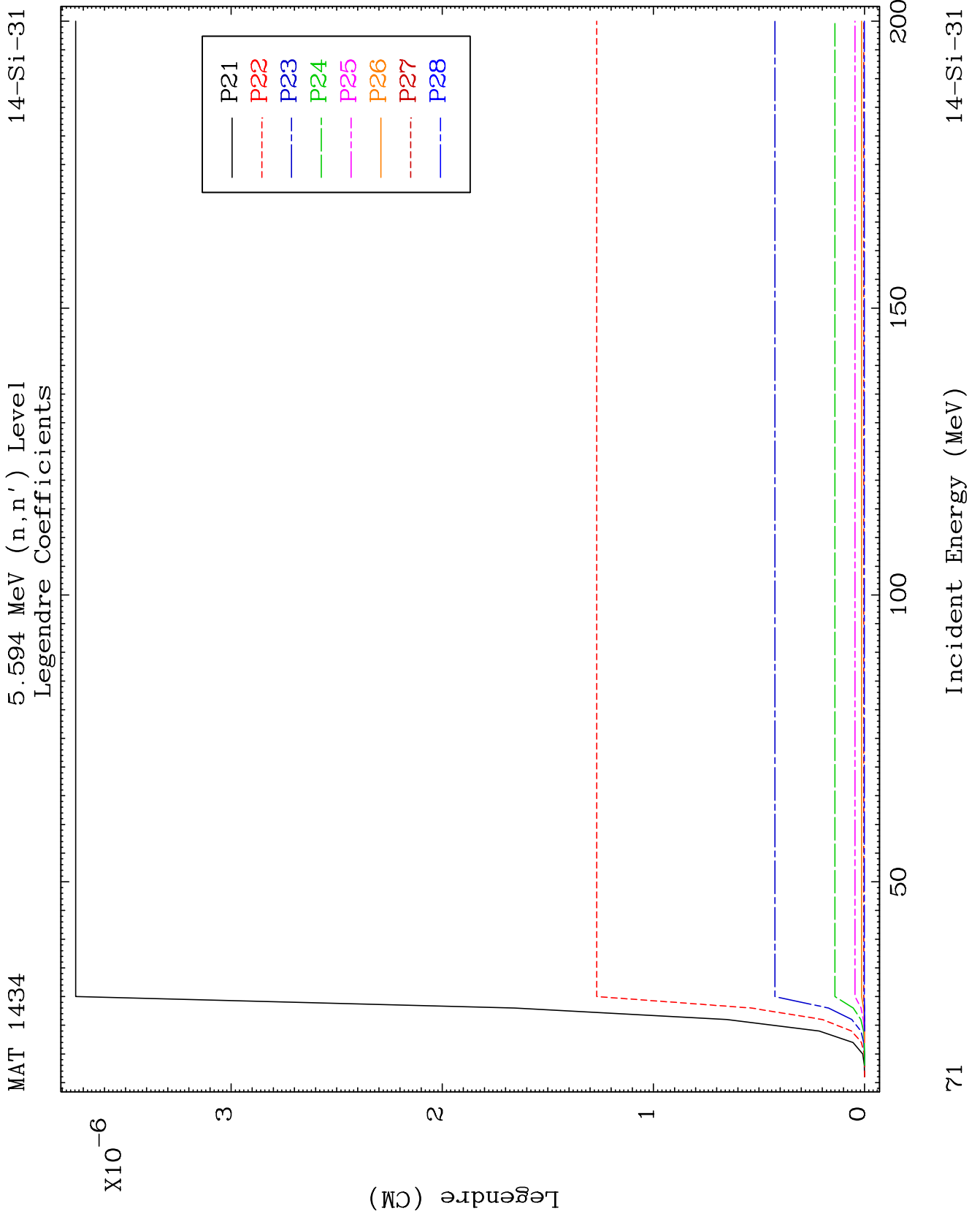
14-Si-31



70

Incident Energy (MeV)

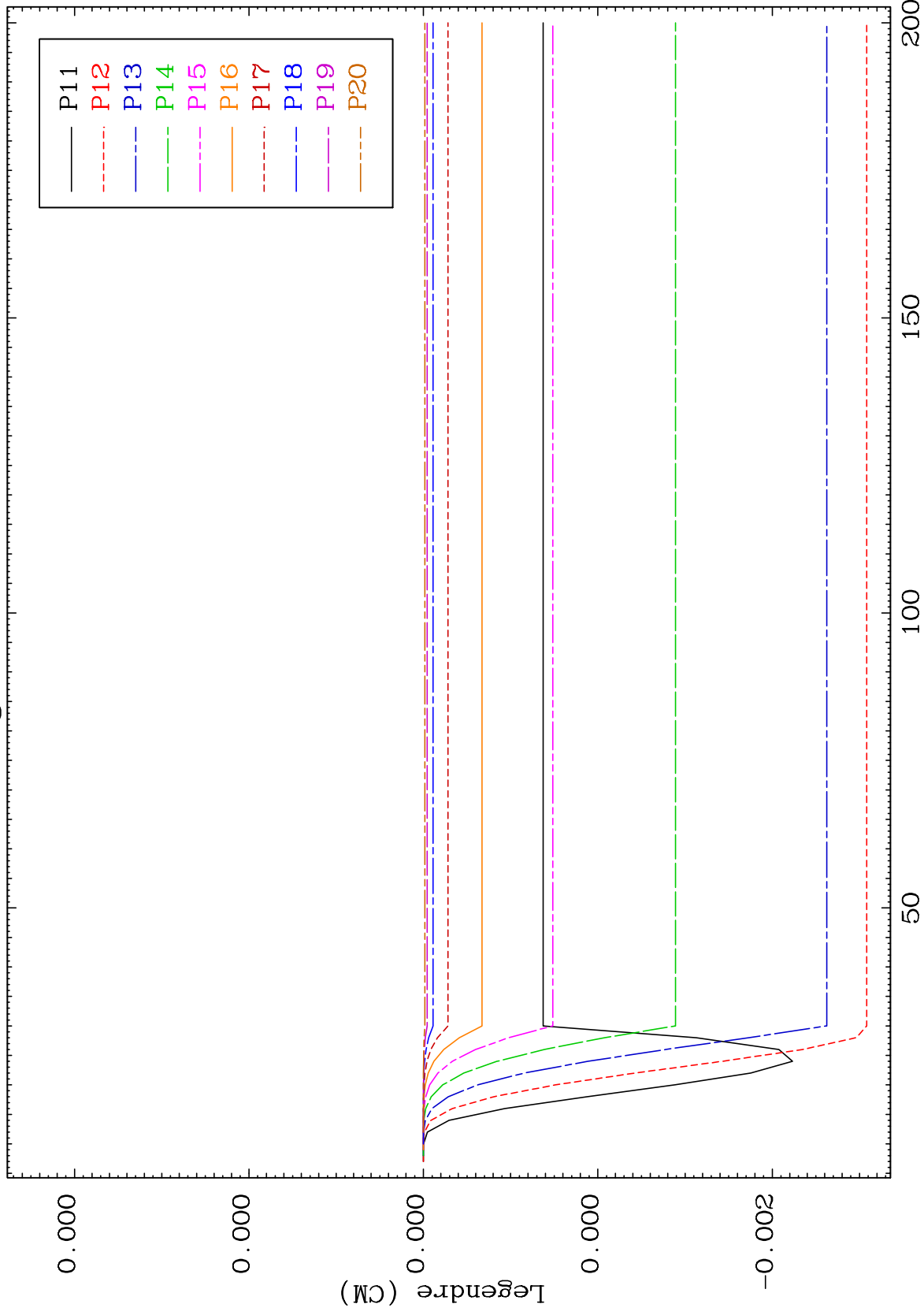
14-Si-31



MAT 1434

5.604 MeV (n,n') Level
Legendre Coefficients

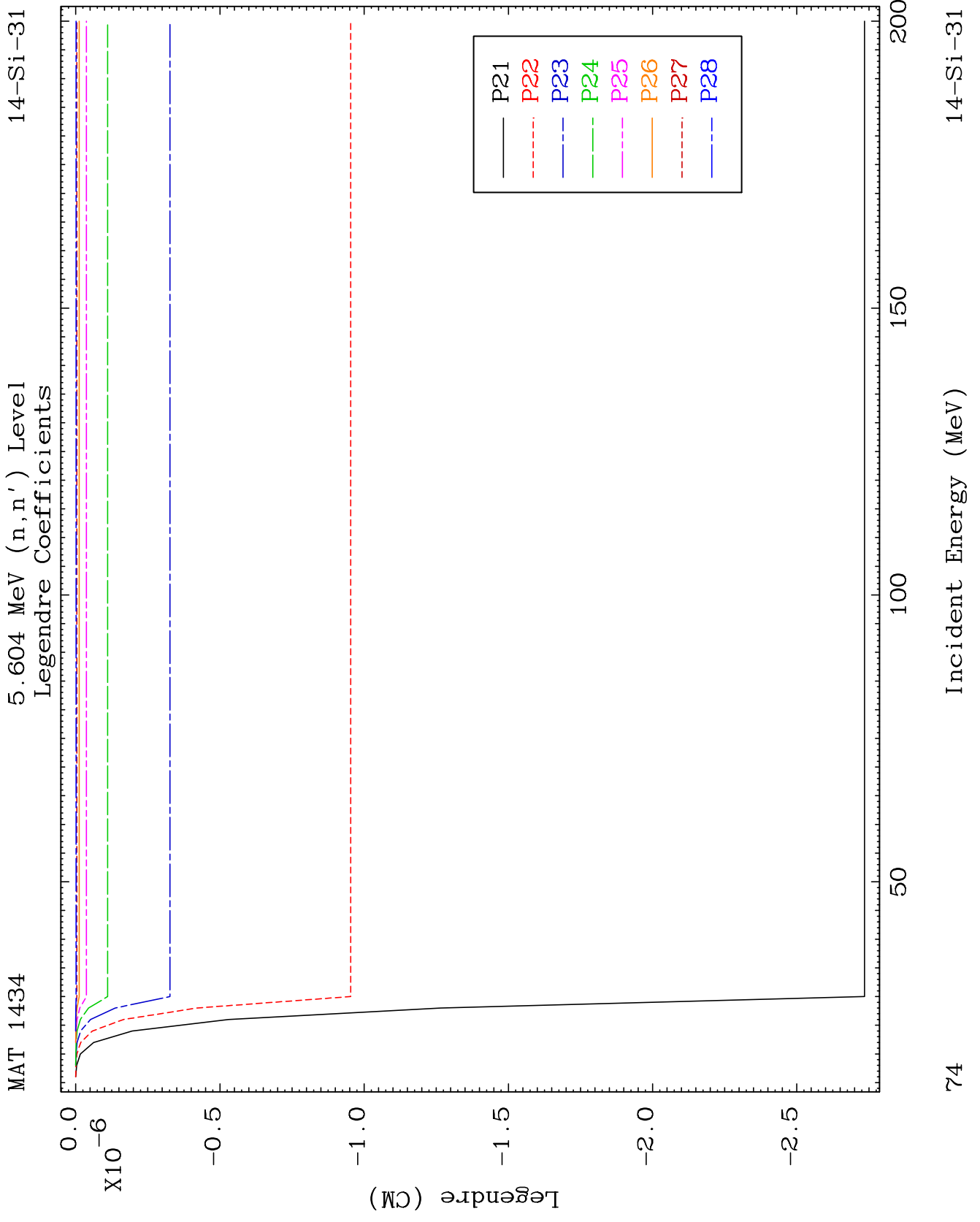
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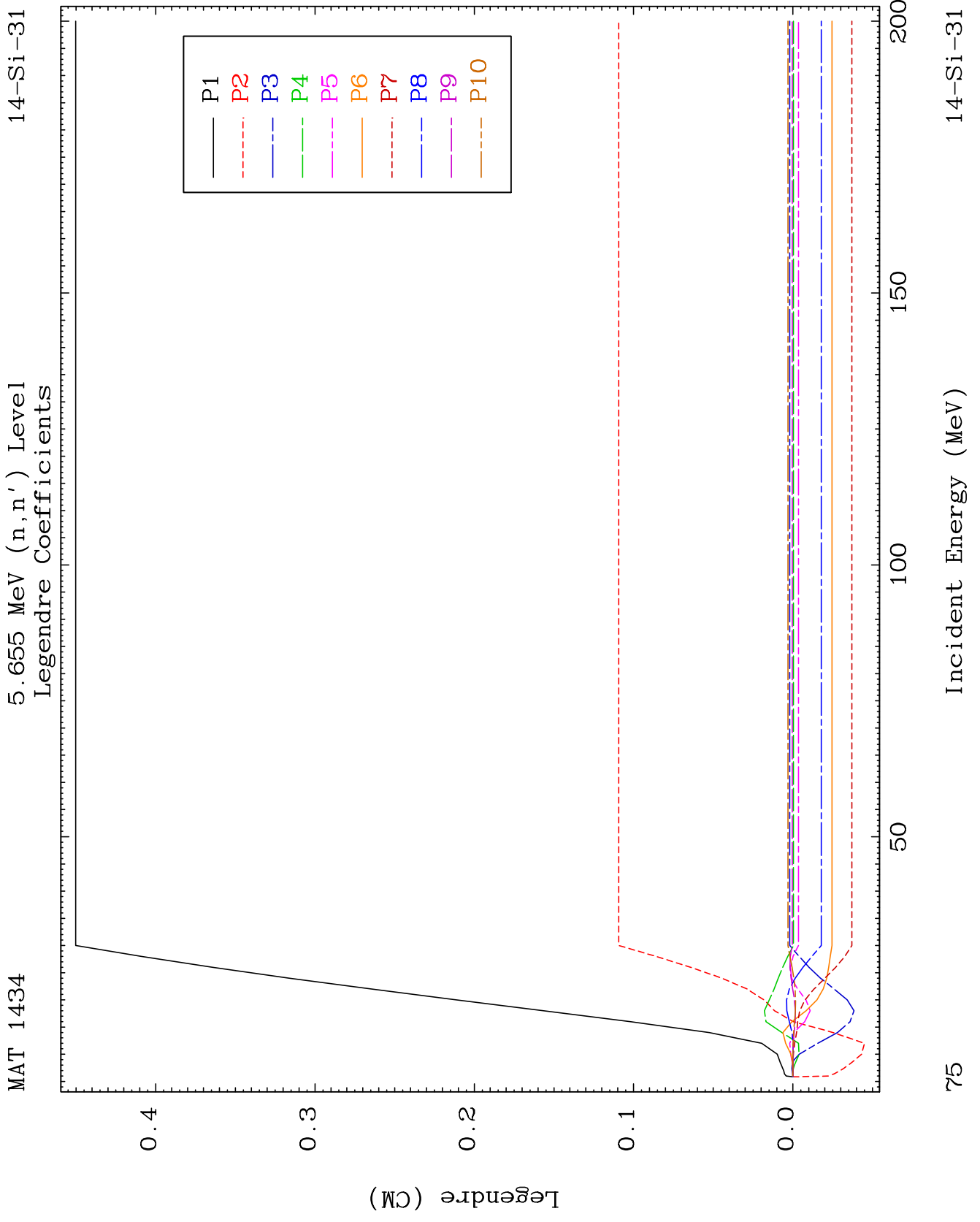


73

Incident Energy (MeV)

14-Si-31

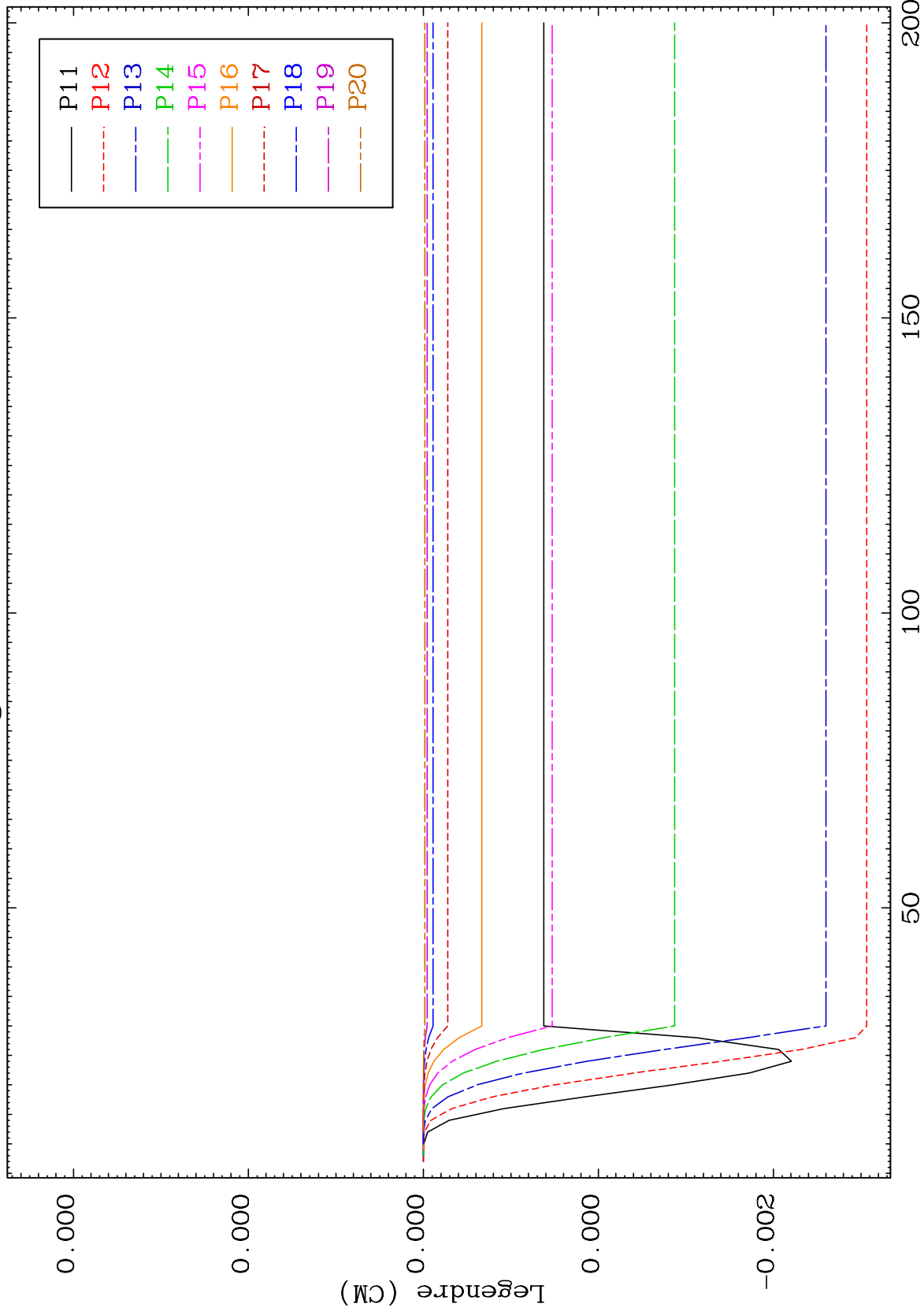




MAT 1434

5.655 MeV (n,n') Level
Legendre Coefficients

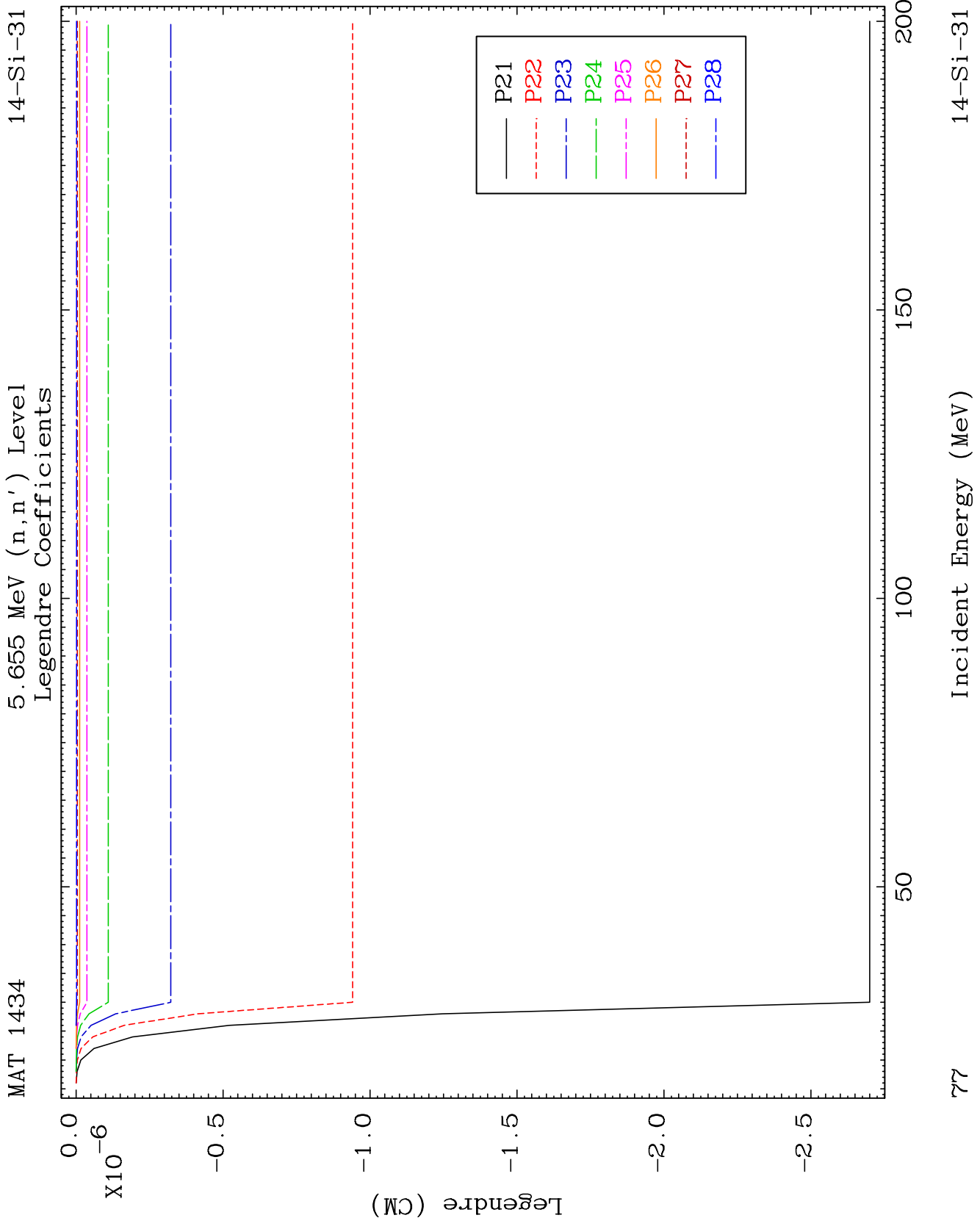
14-Si-31



76

Incident Energy (MeV)

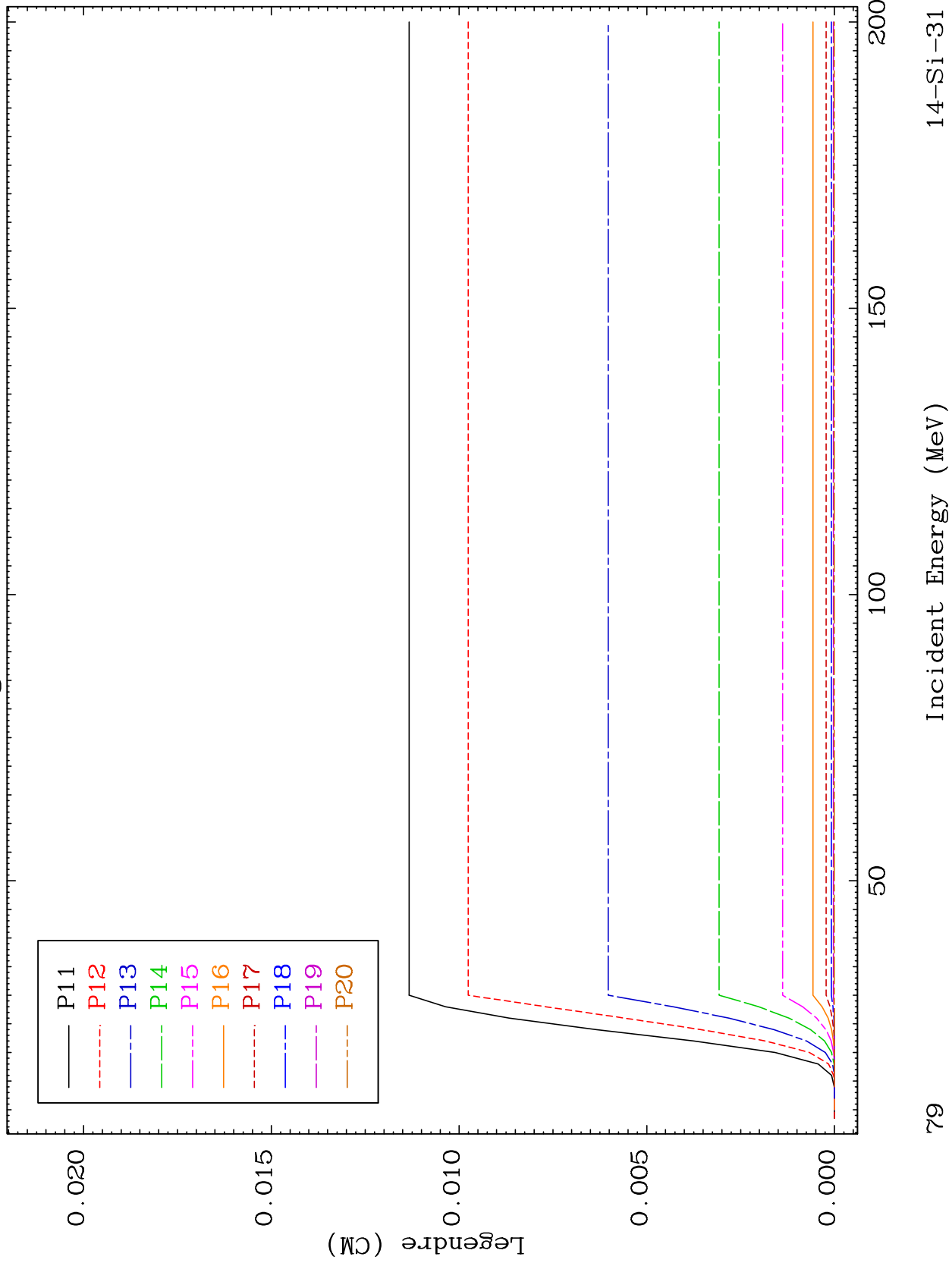
14-Si-31



MAT 1434

5.680 MeV (n,n') Level
Legendre Coefficients

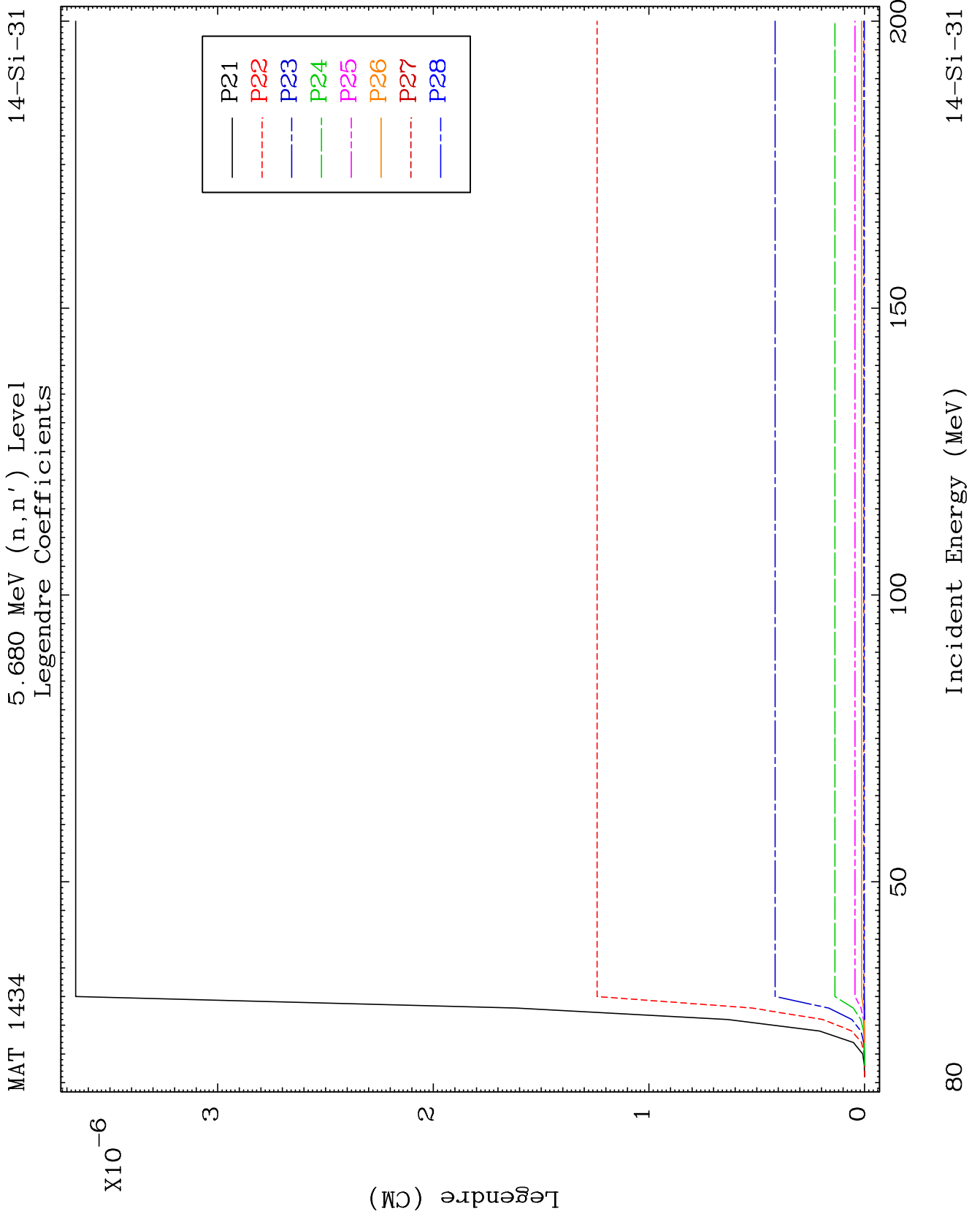
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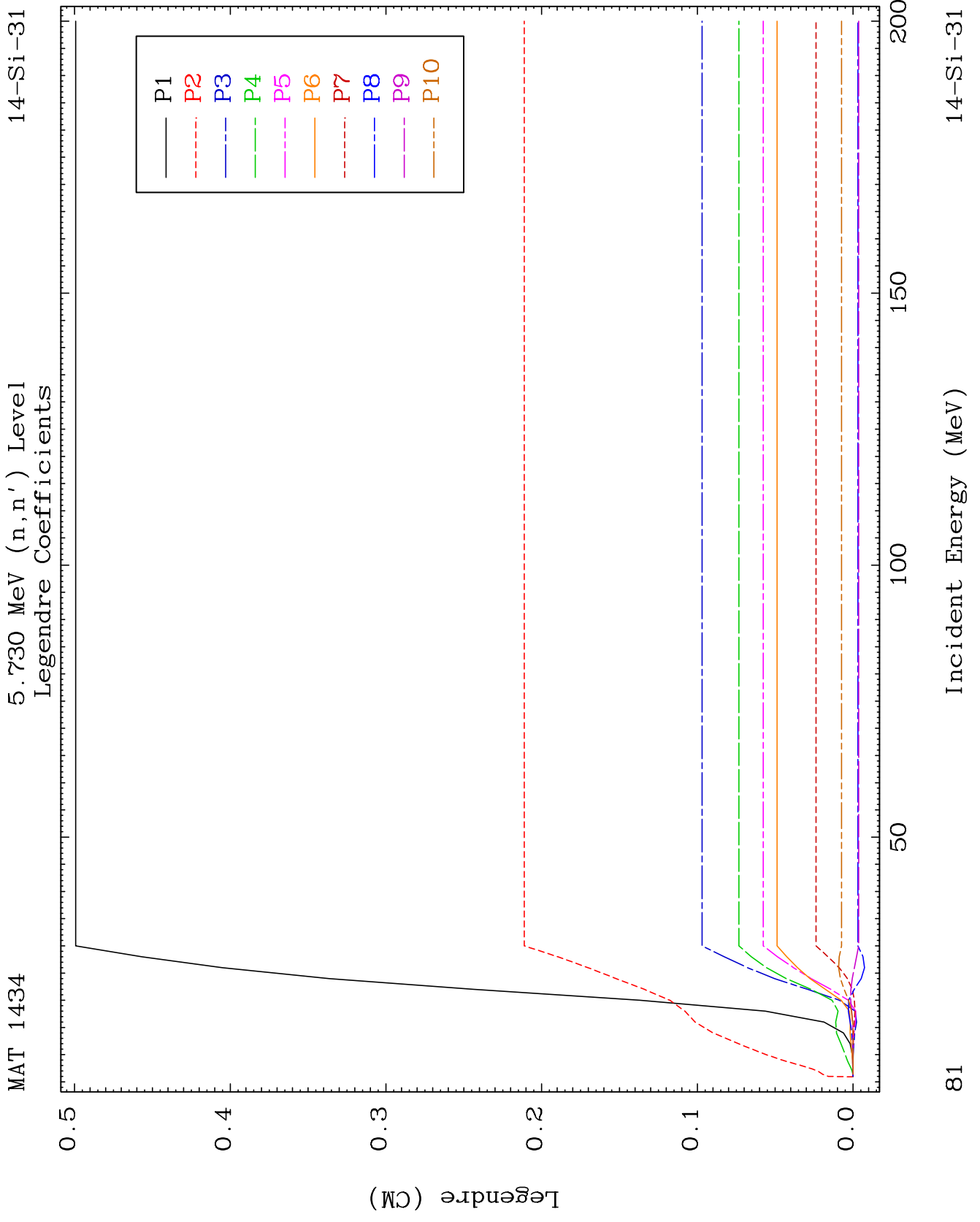


79

Incident Energy (MeV)

14-Si-31

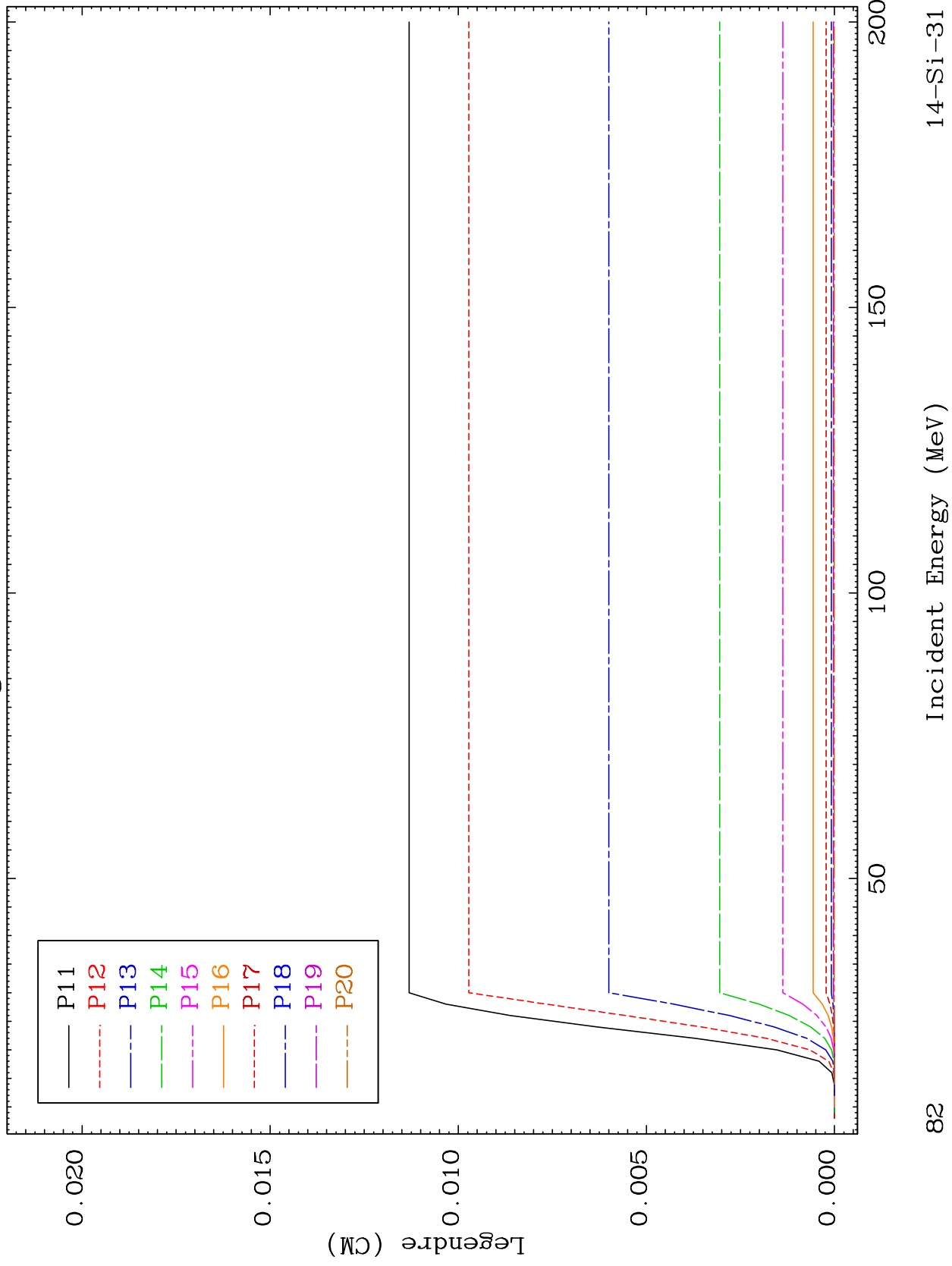




MAT 1434

5.730 MeV (n,n') Level
Legendre Coefficients

14-Si-31

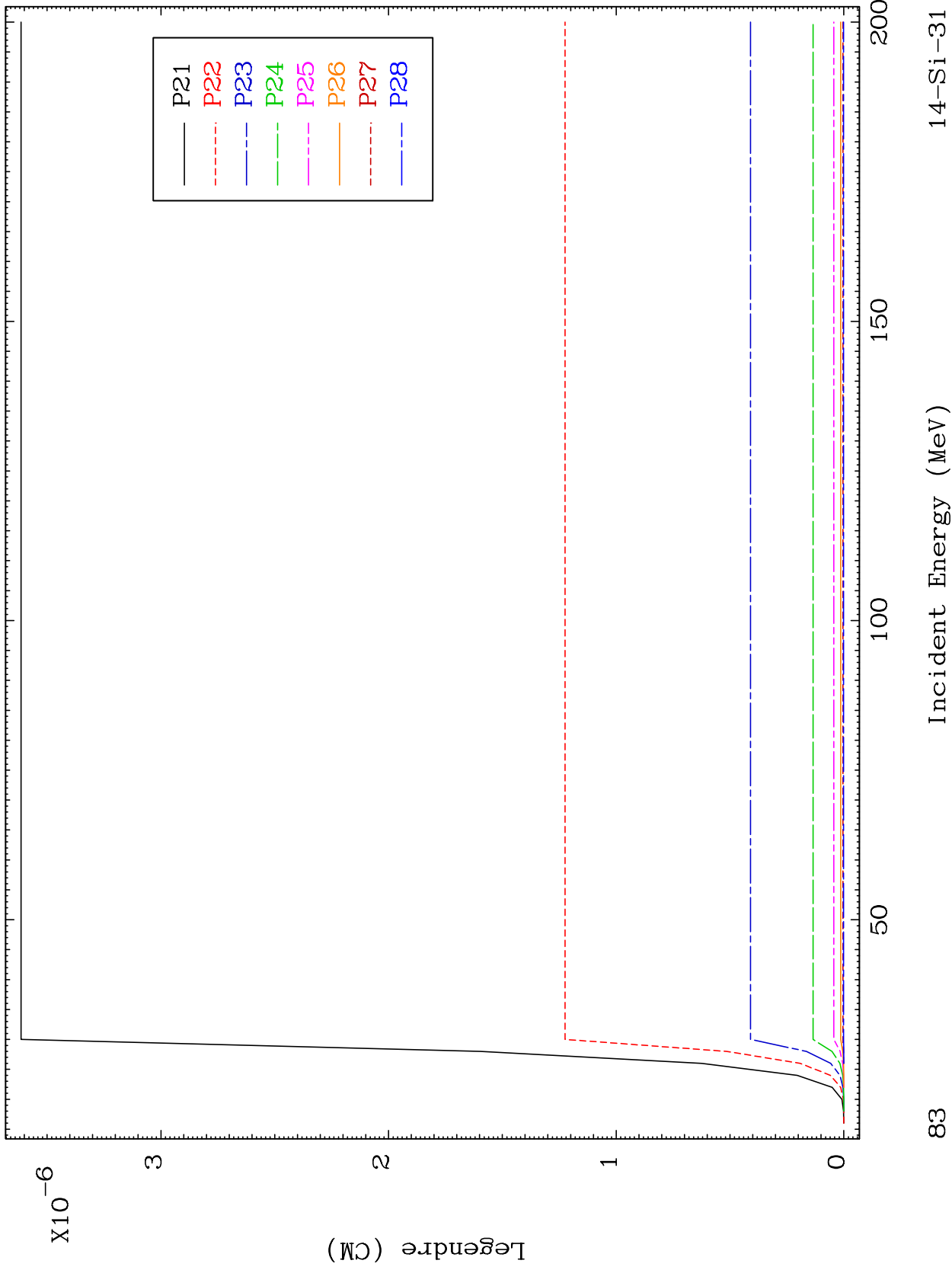


82

MAT 1434

5.730 MeV (n,n') Level
Legendre Coefficients

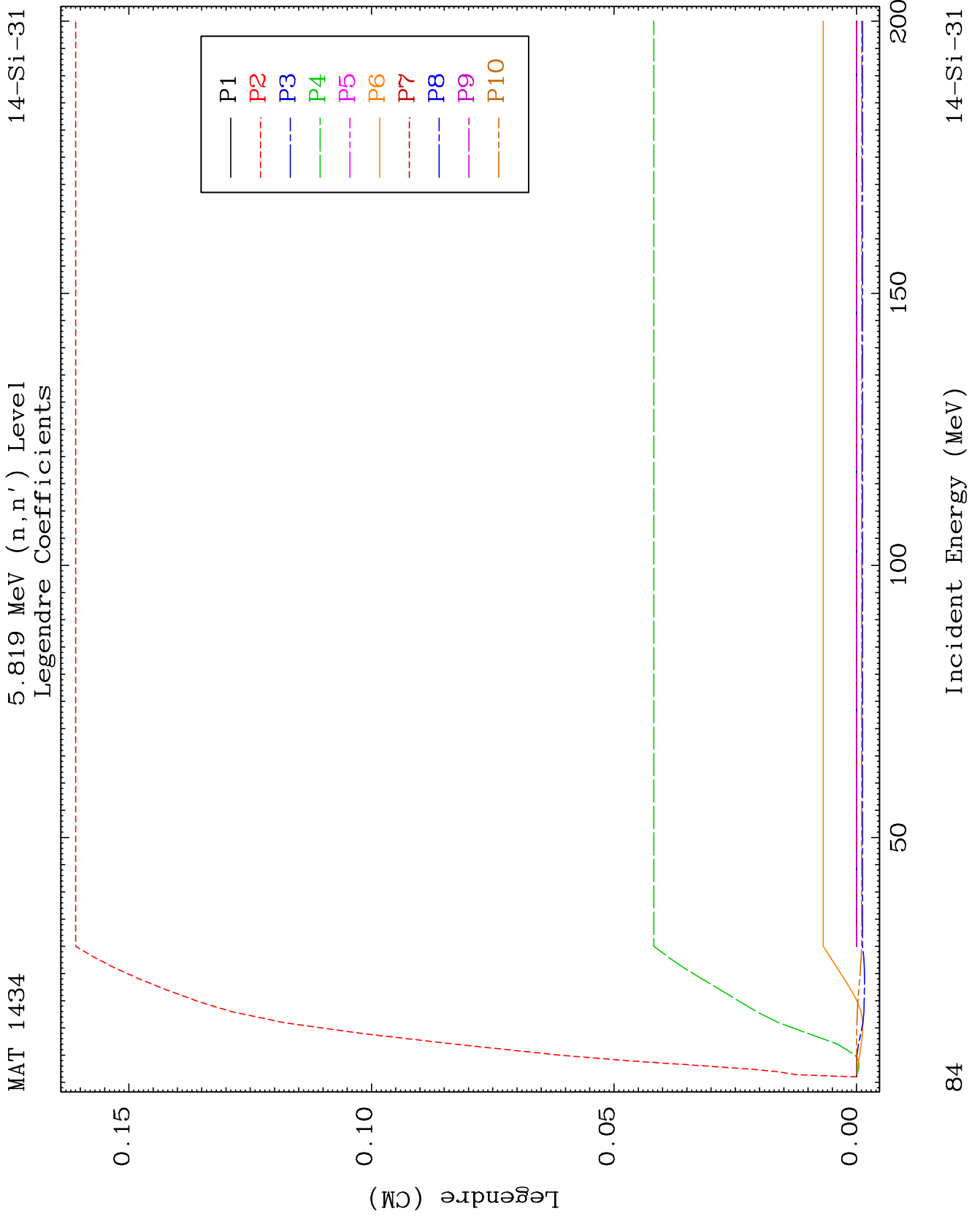
14-Si-31

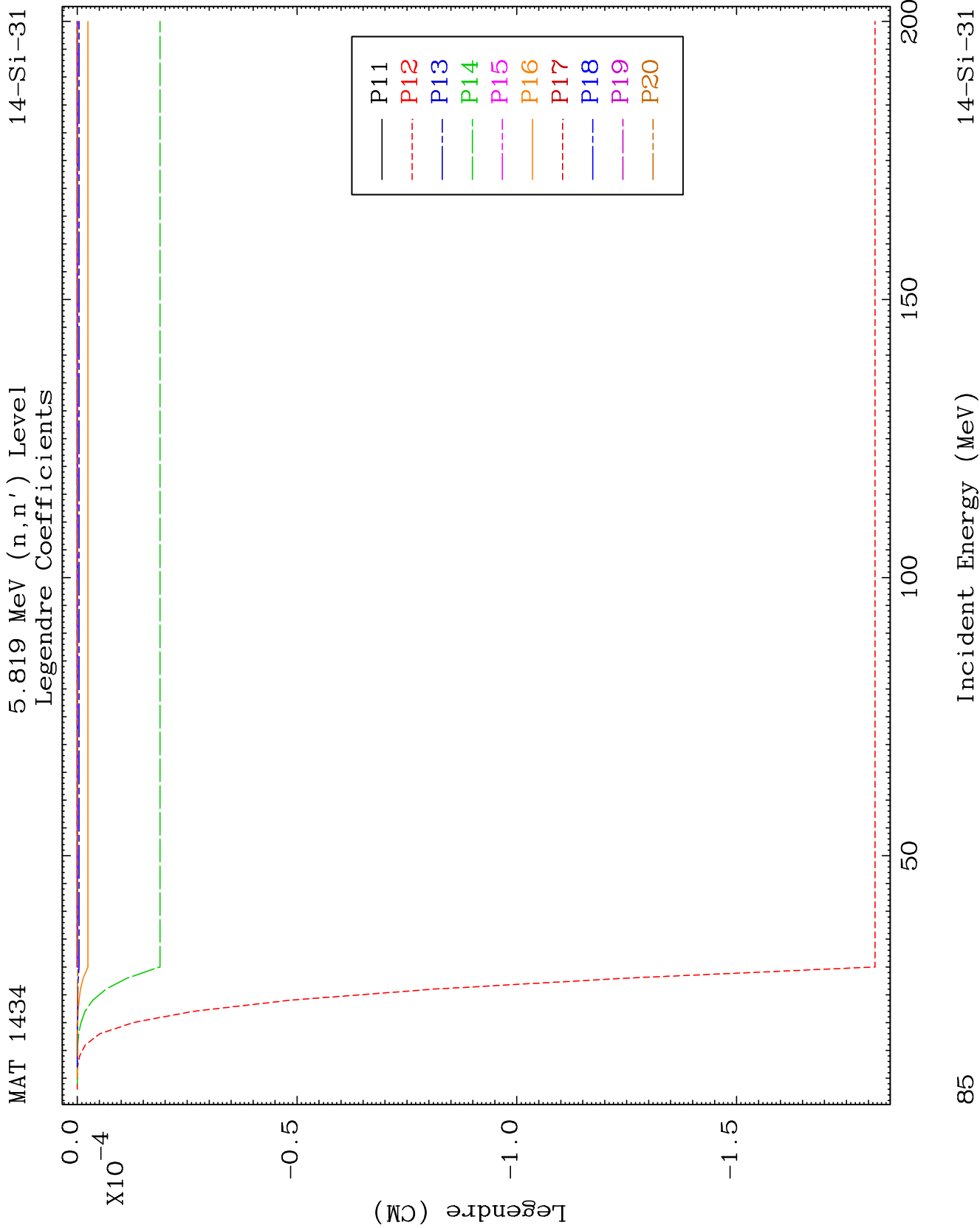


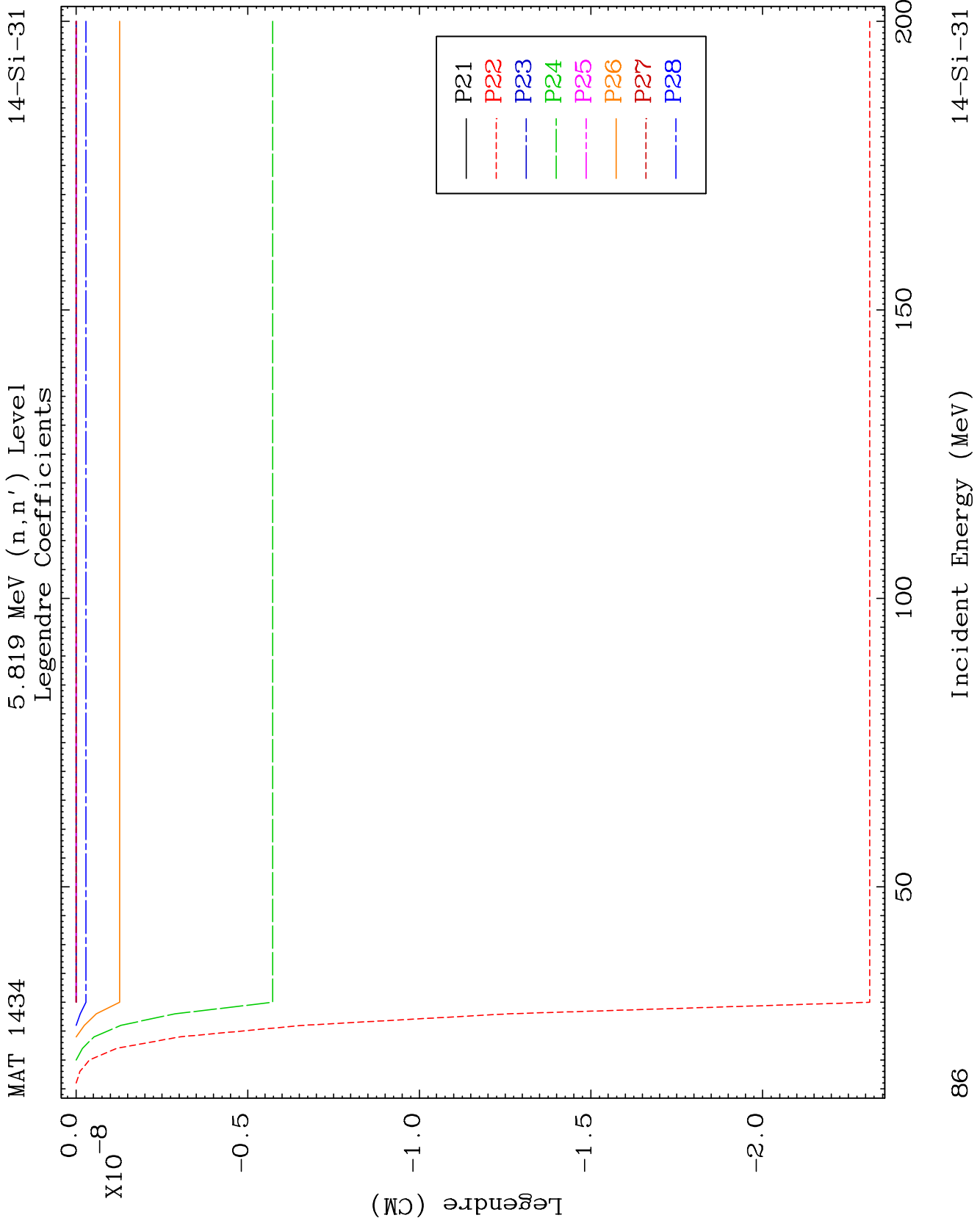
83

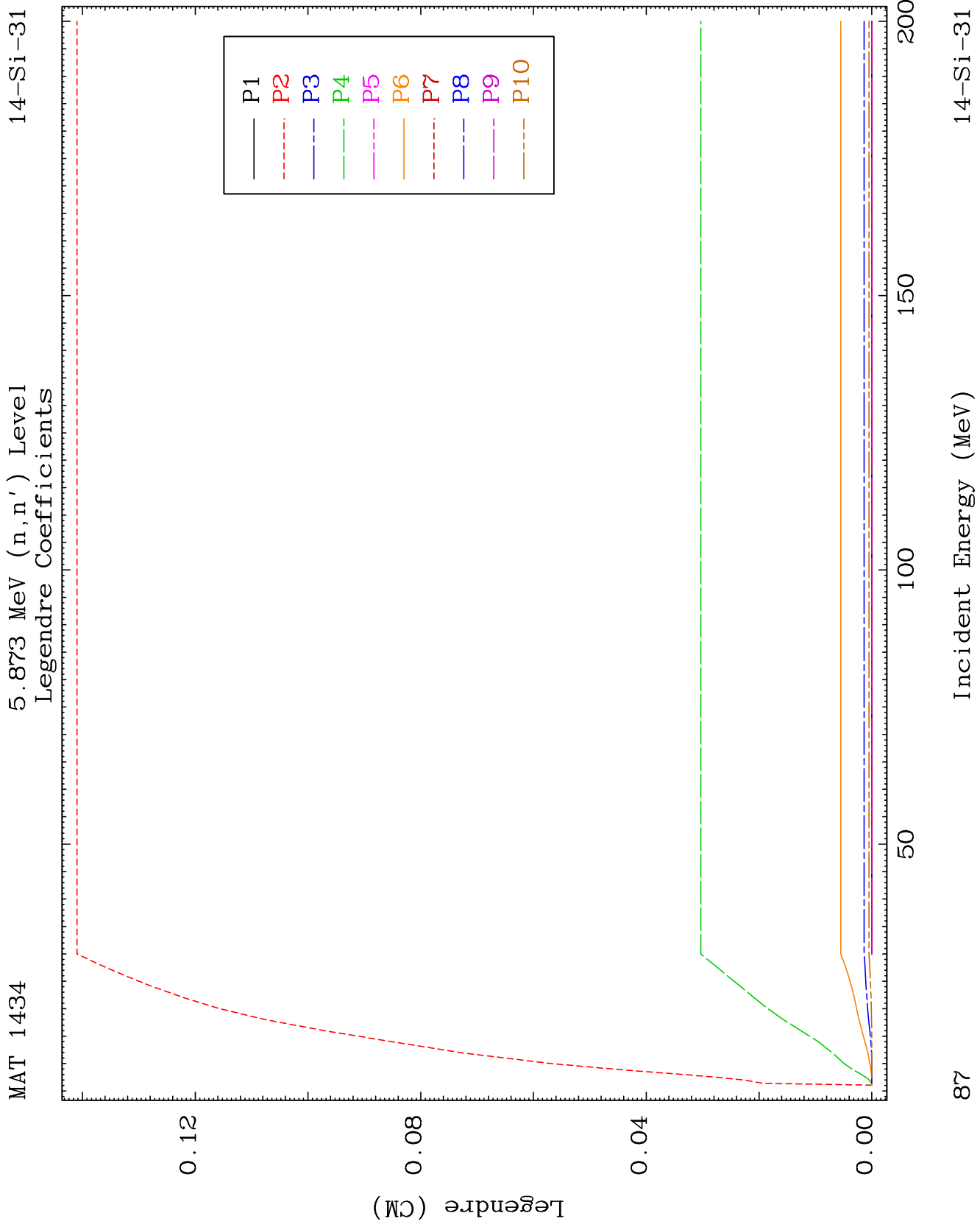
Incident Energy (MeV)

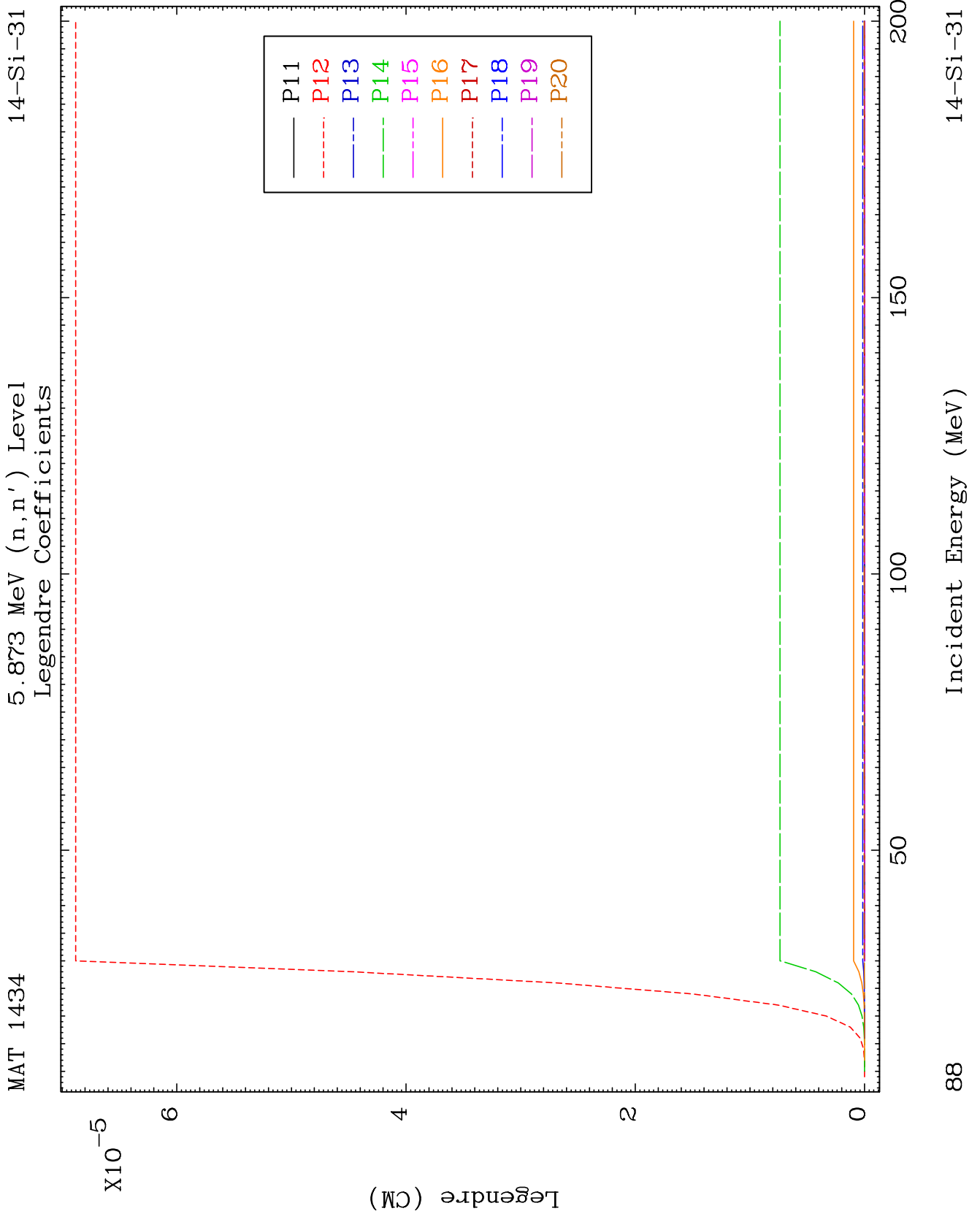
14-Si-31

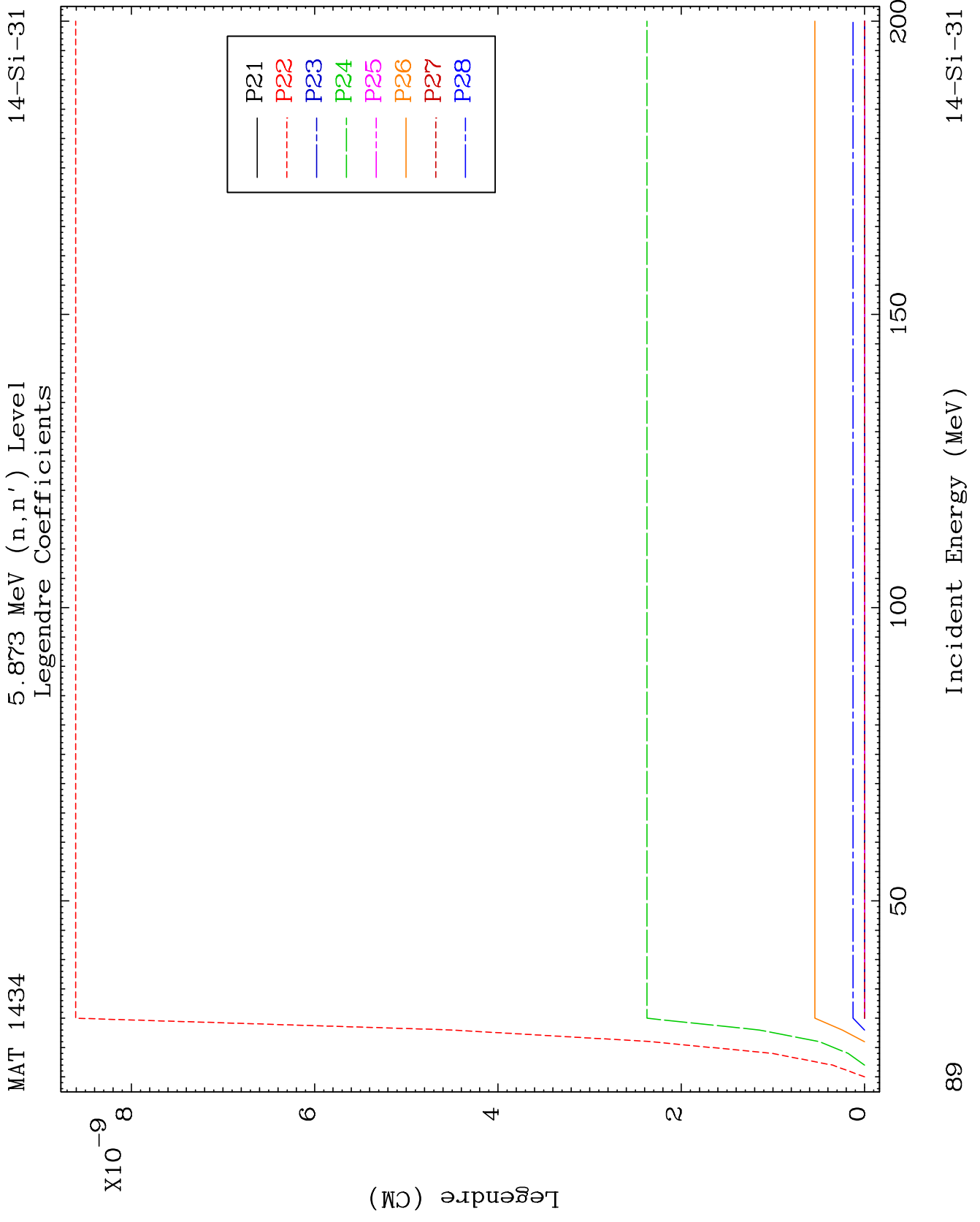


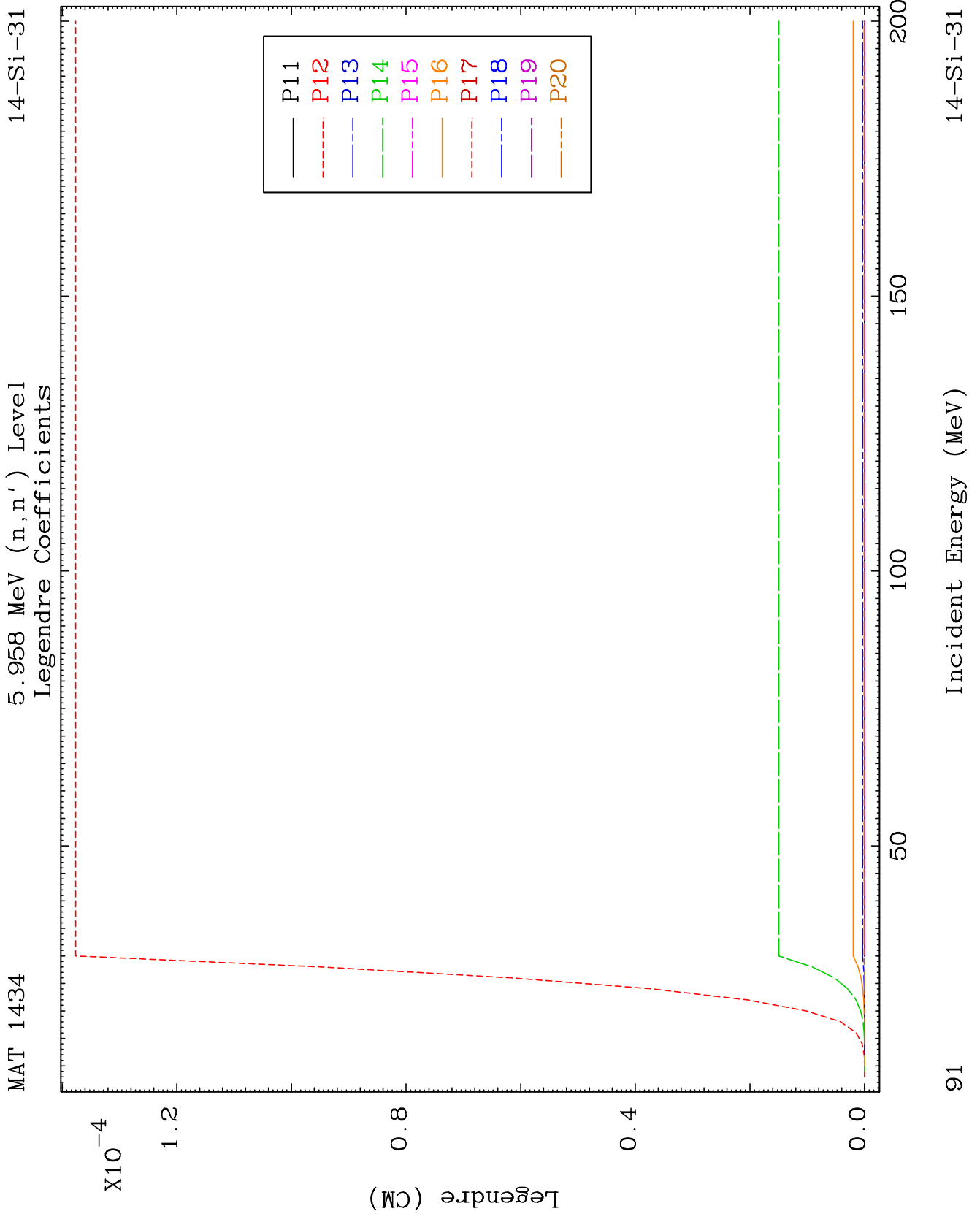


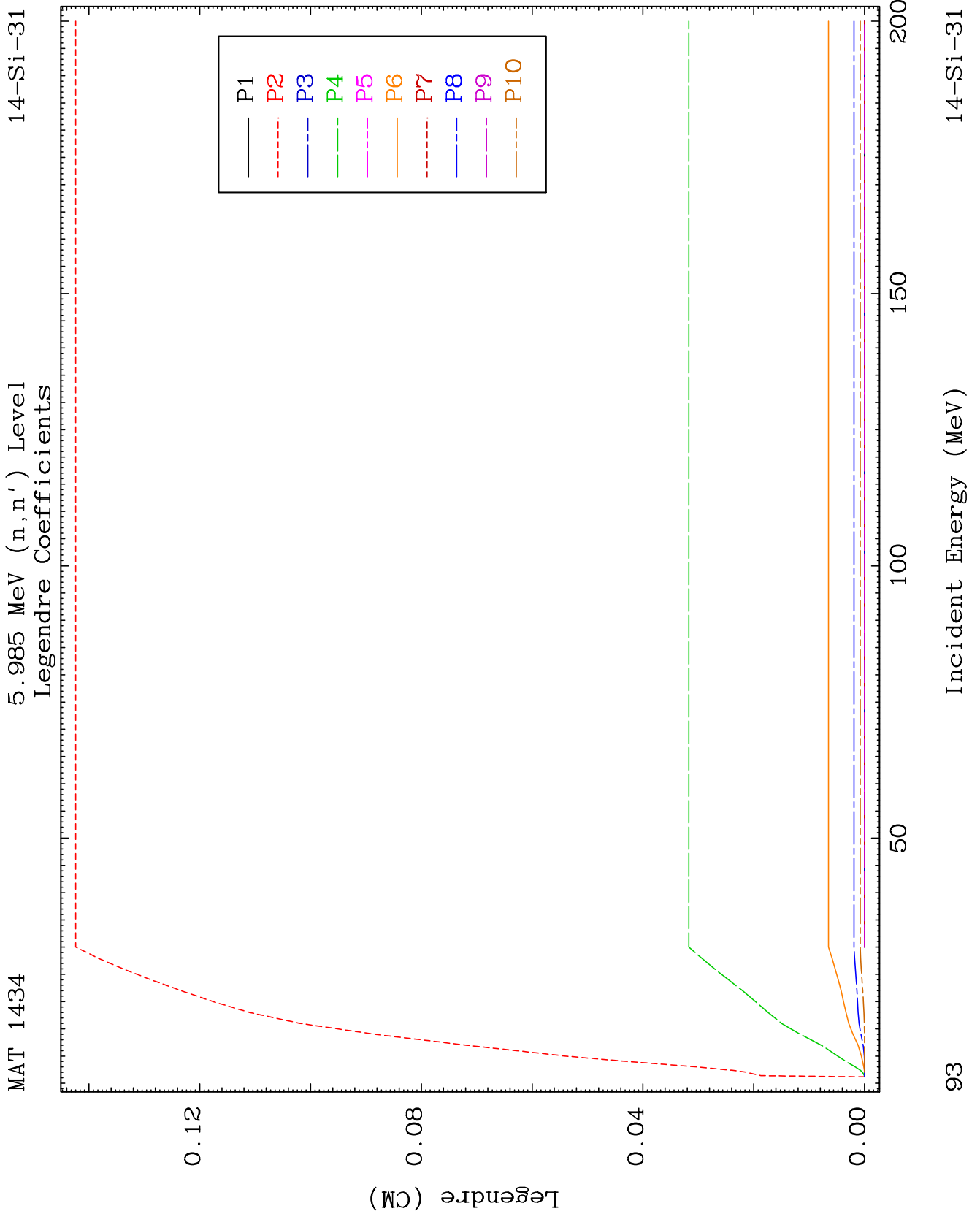


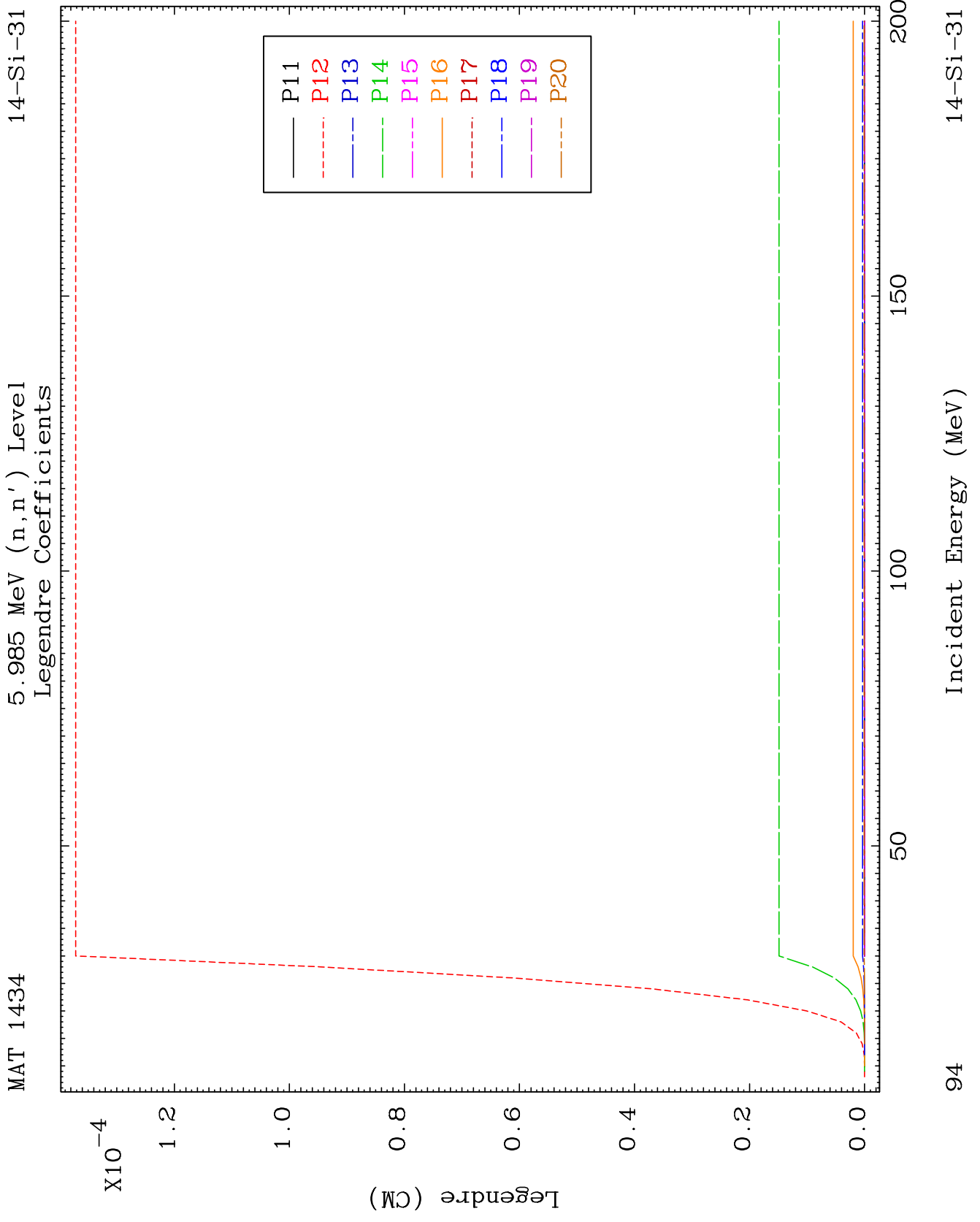


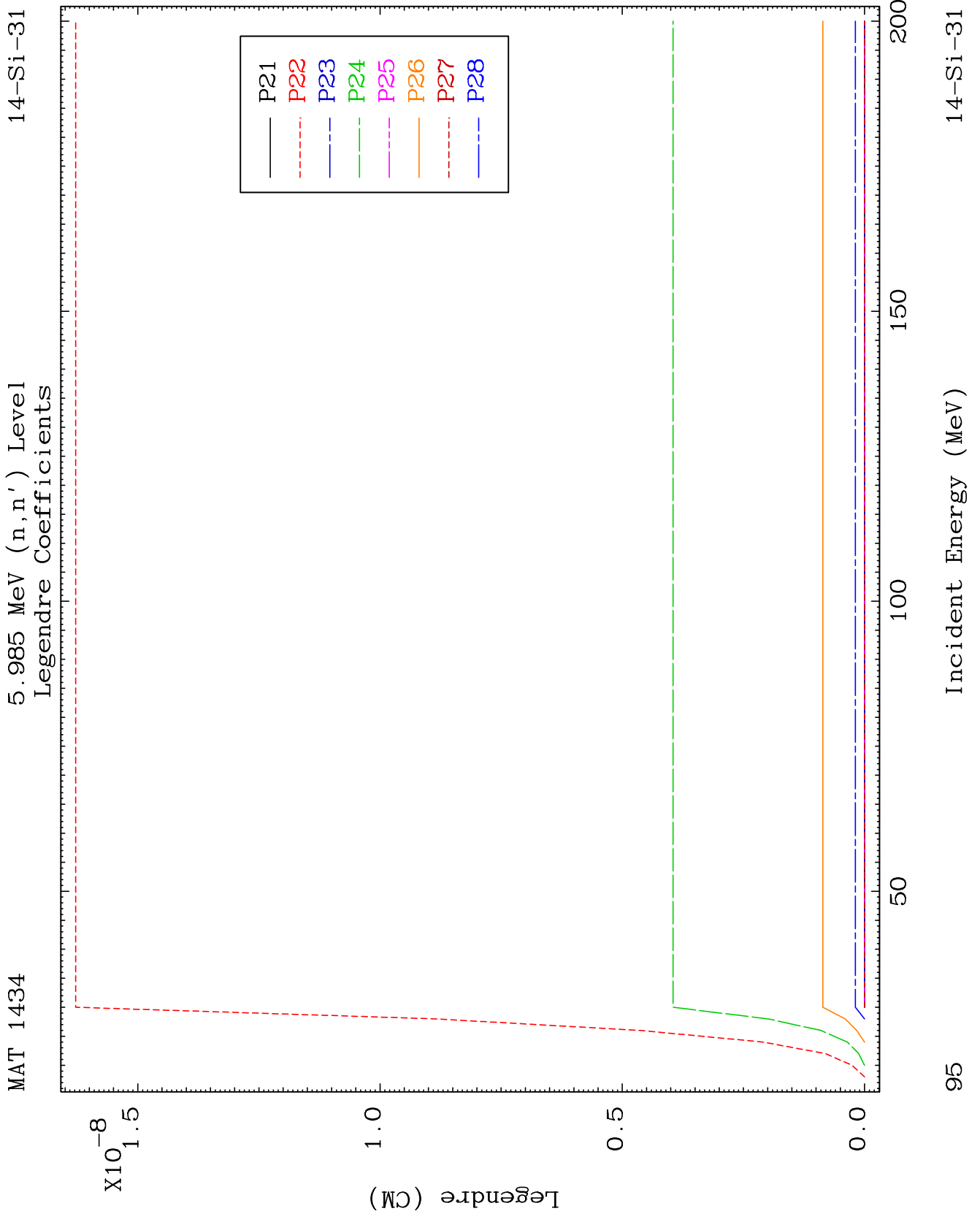


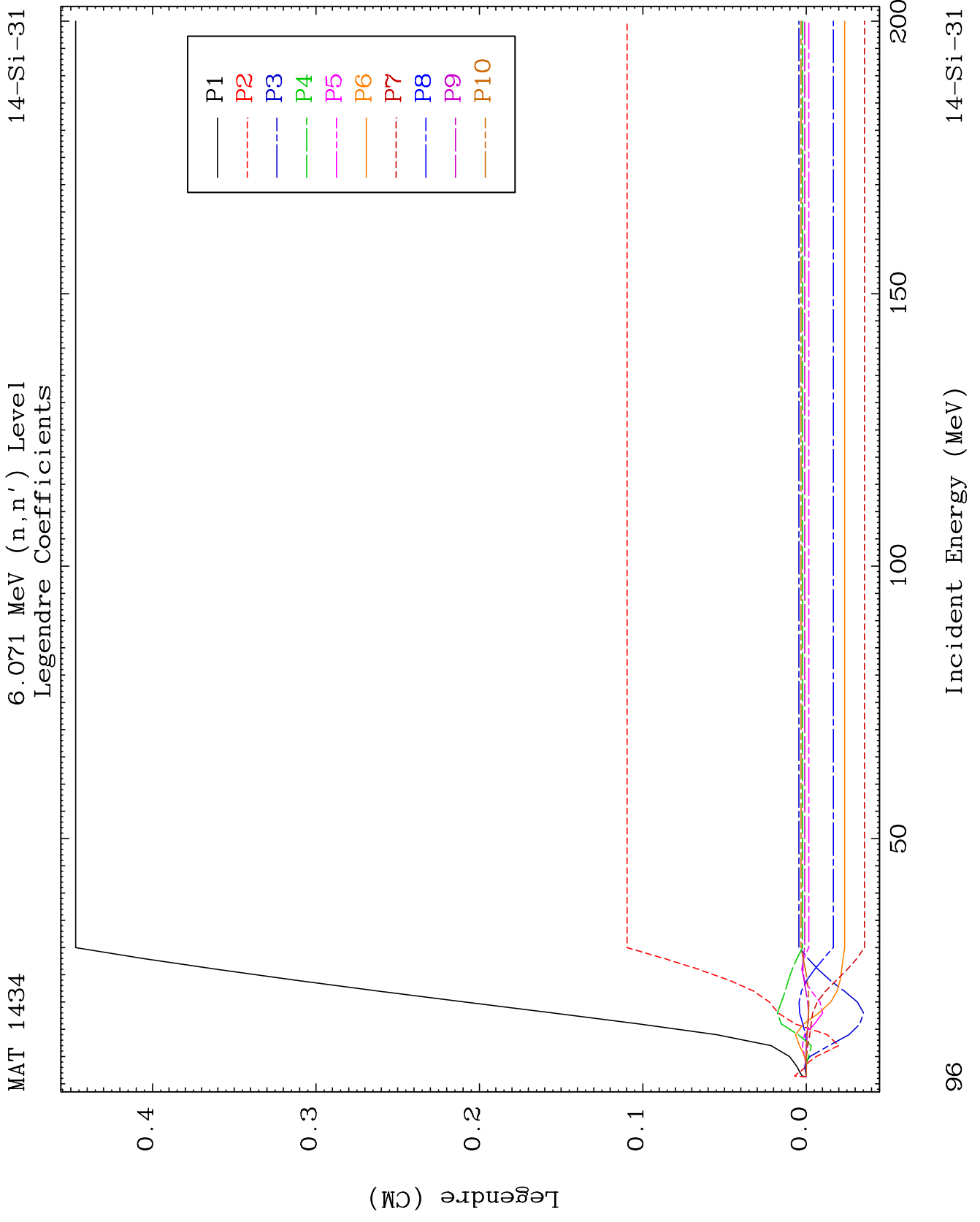








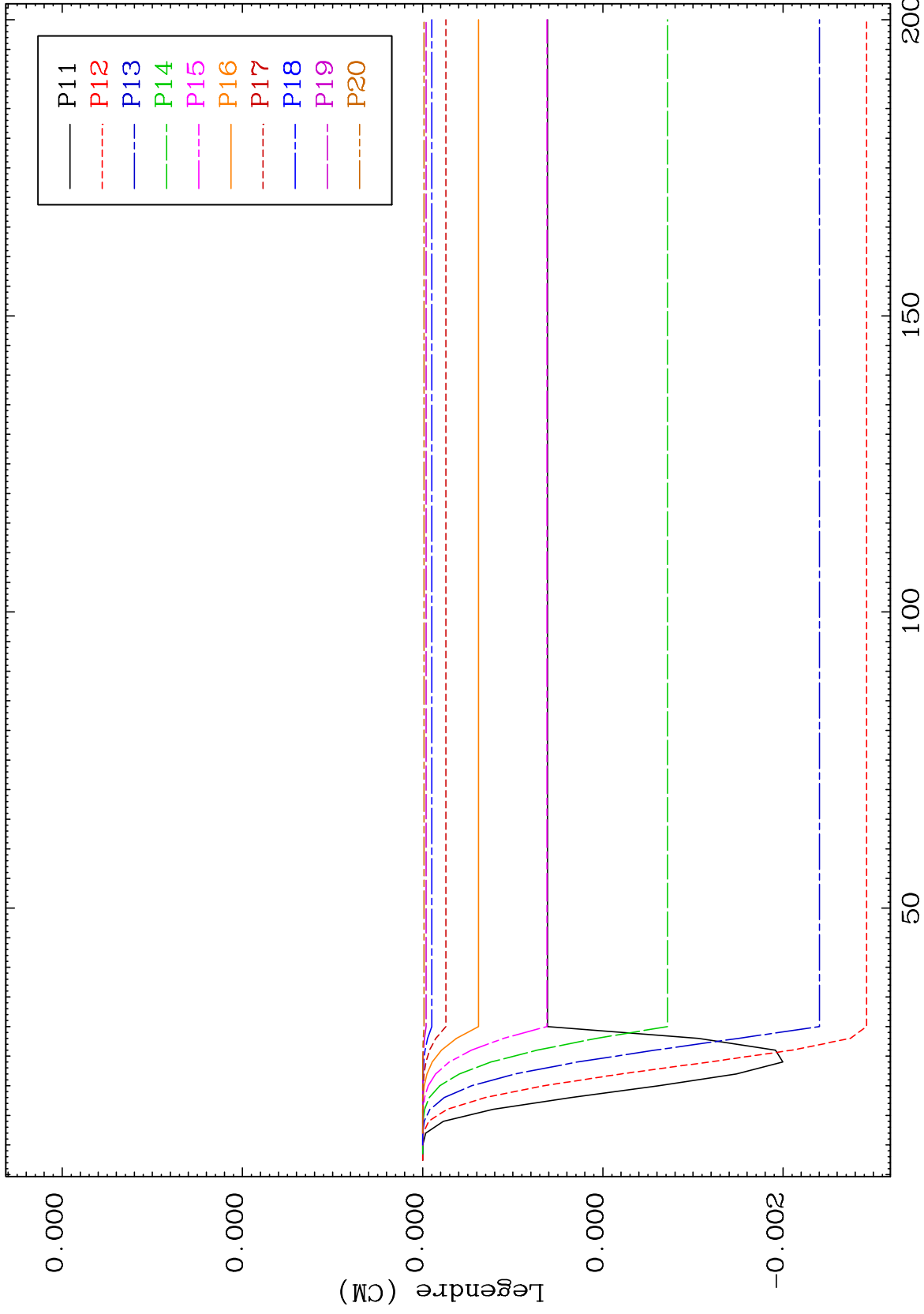




MAT 1434

6.071 MeV (n,n') Level
Legendre Coefficients

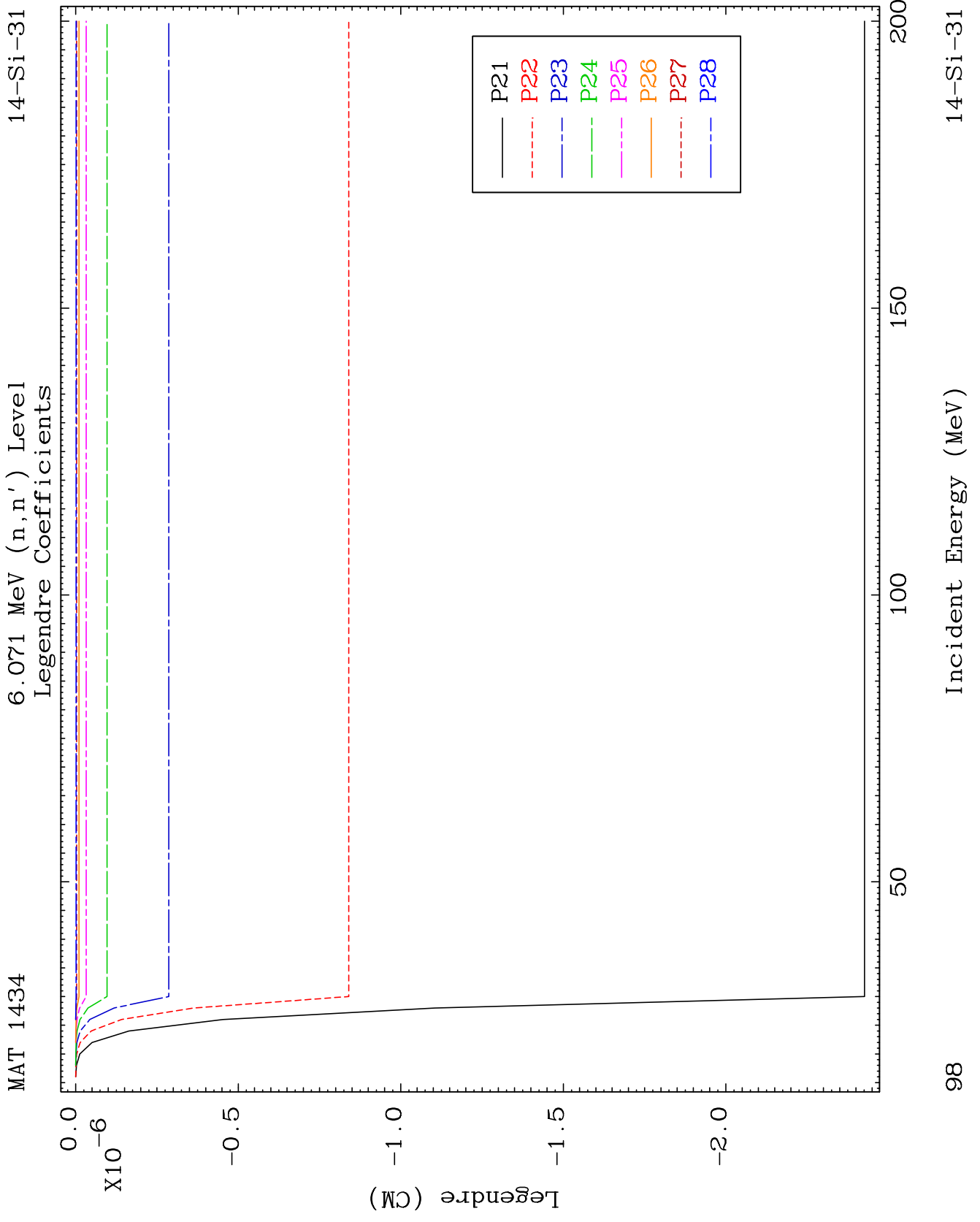
14-Si-31

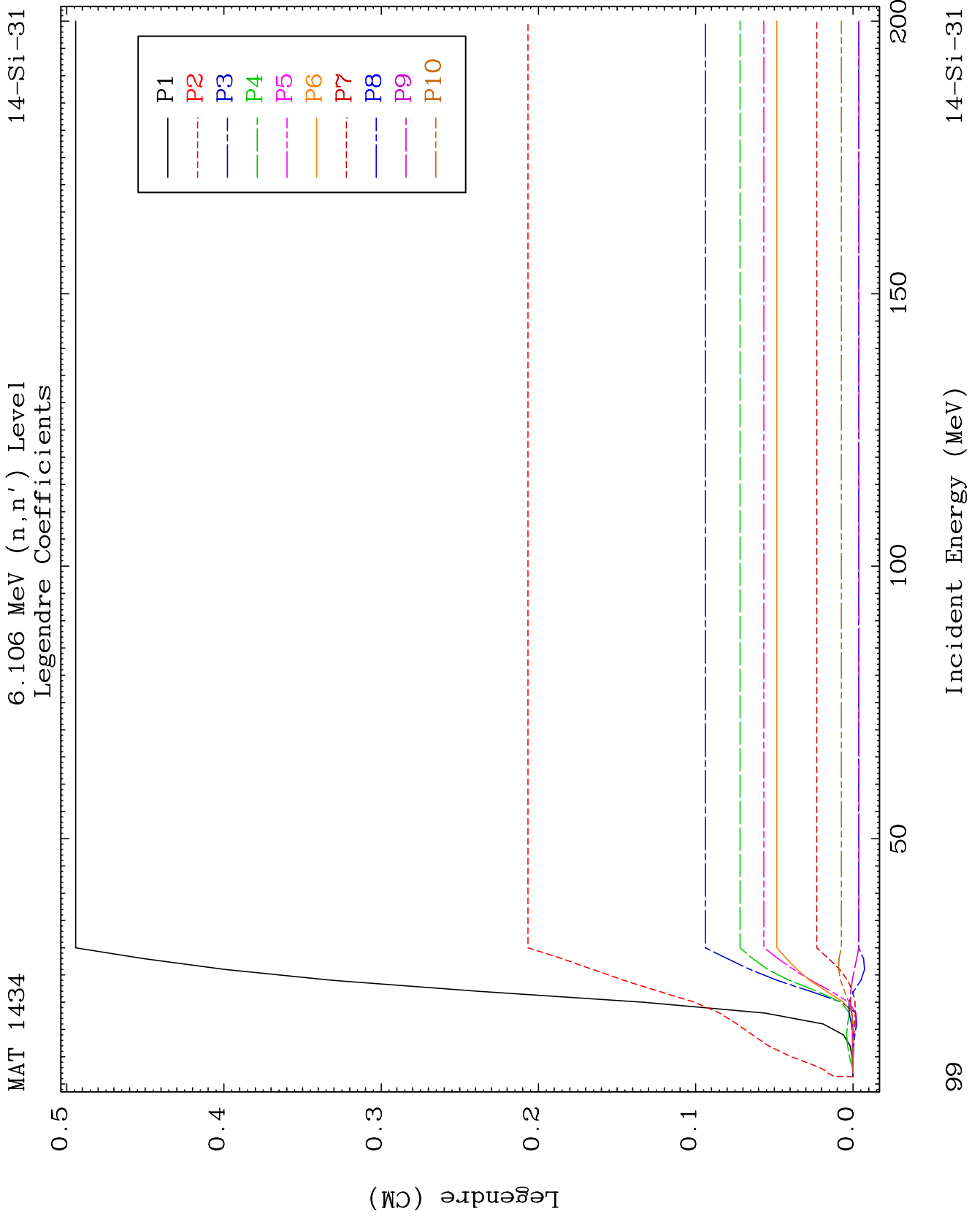


97

Incident Energy (MeV)

14-Si-31

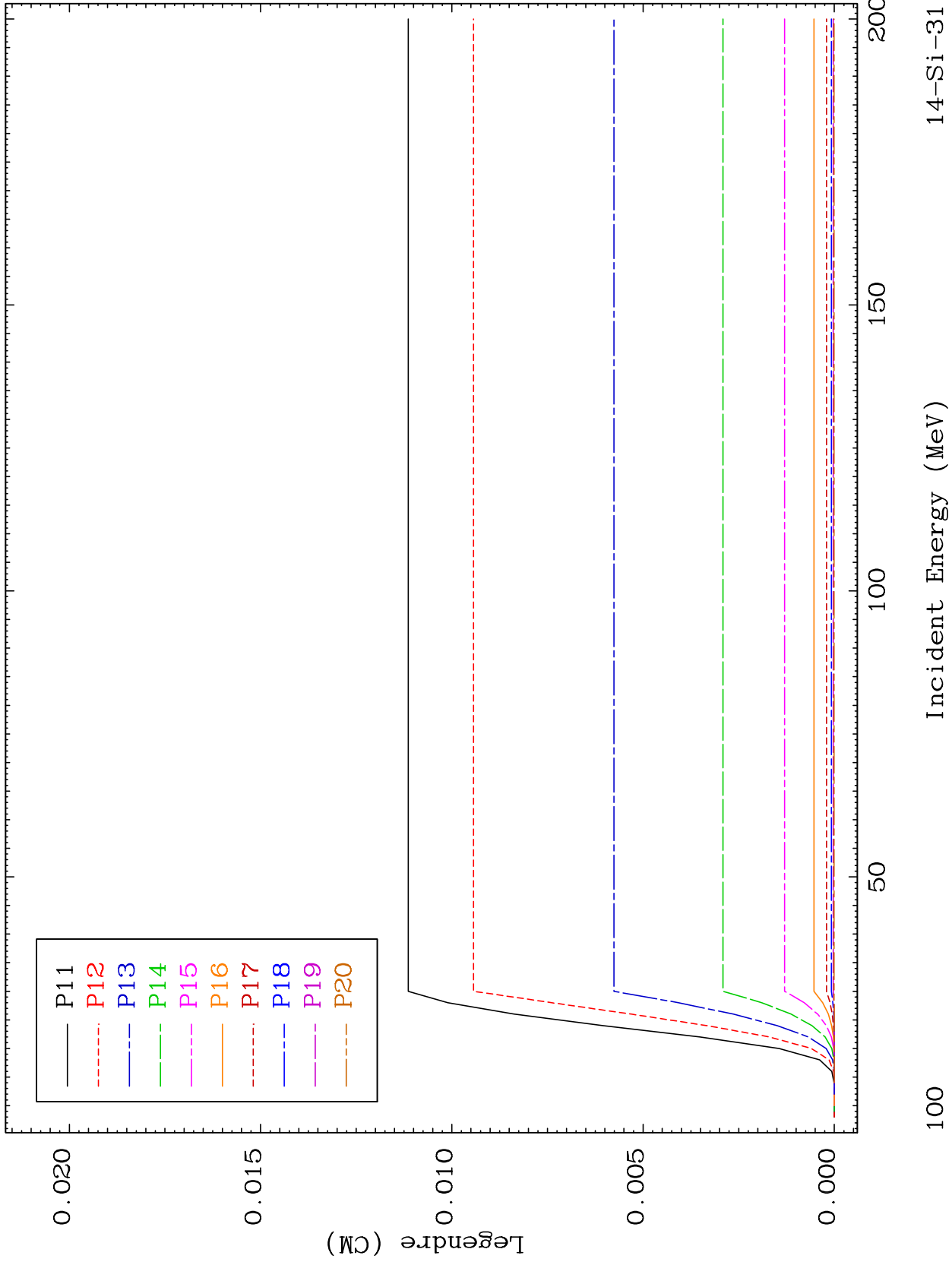




MAT 1434

6.106 MeV (n,n') Level
Legendre Coefficients

14-Si-31



14-Si-31

Incident Energy (MeV)

100

0.020

0.015

0.010

0.005

0.000

Legendre (CM)

50

100

150

200

P11

P12

P13

P14

P15

P16

P17

P18

P19

P20

