

Program EVALPLOT  
(Version 2015-2)

by

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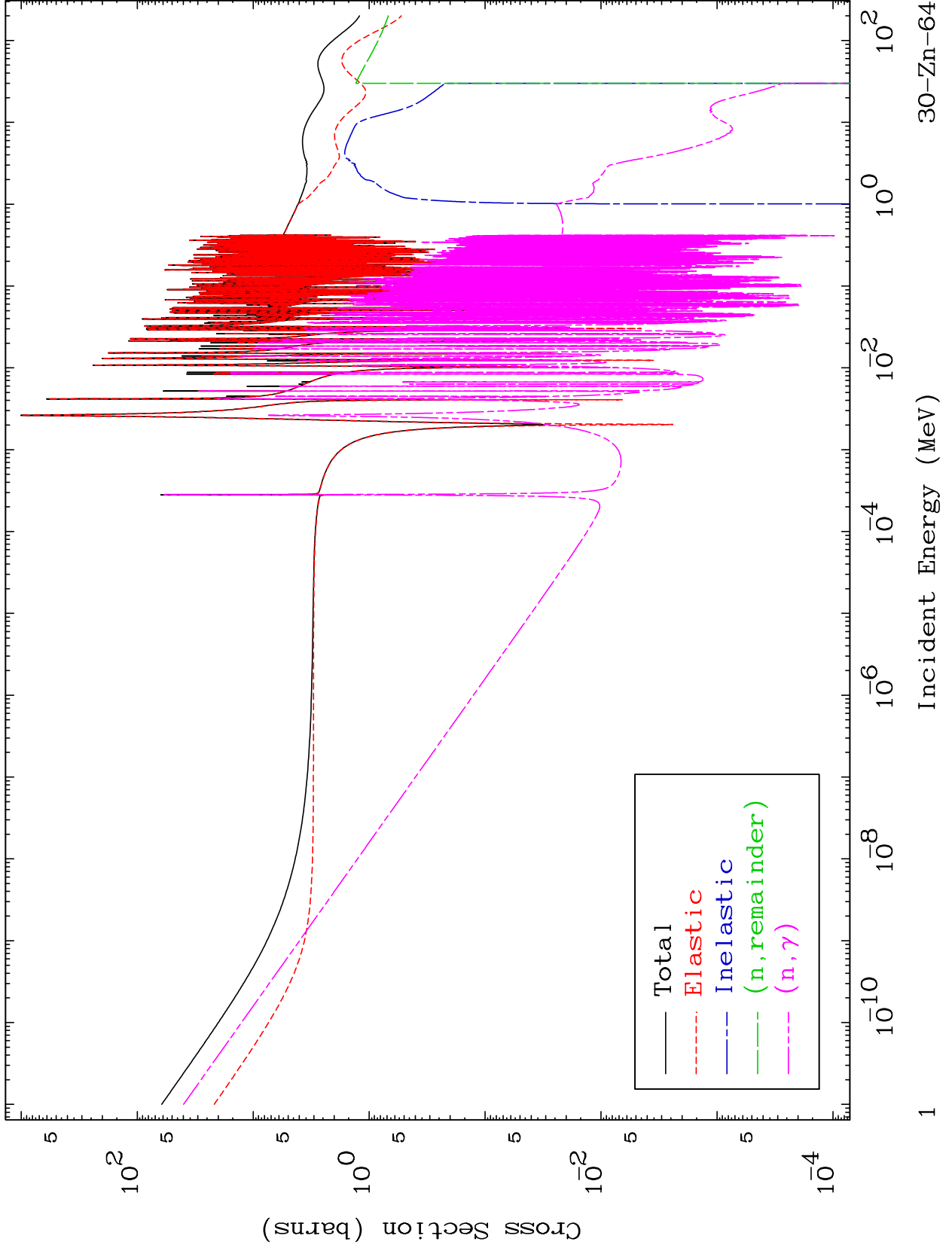
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3025

Major  
293 Kelvin Cross Sections

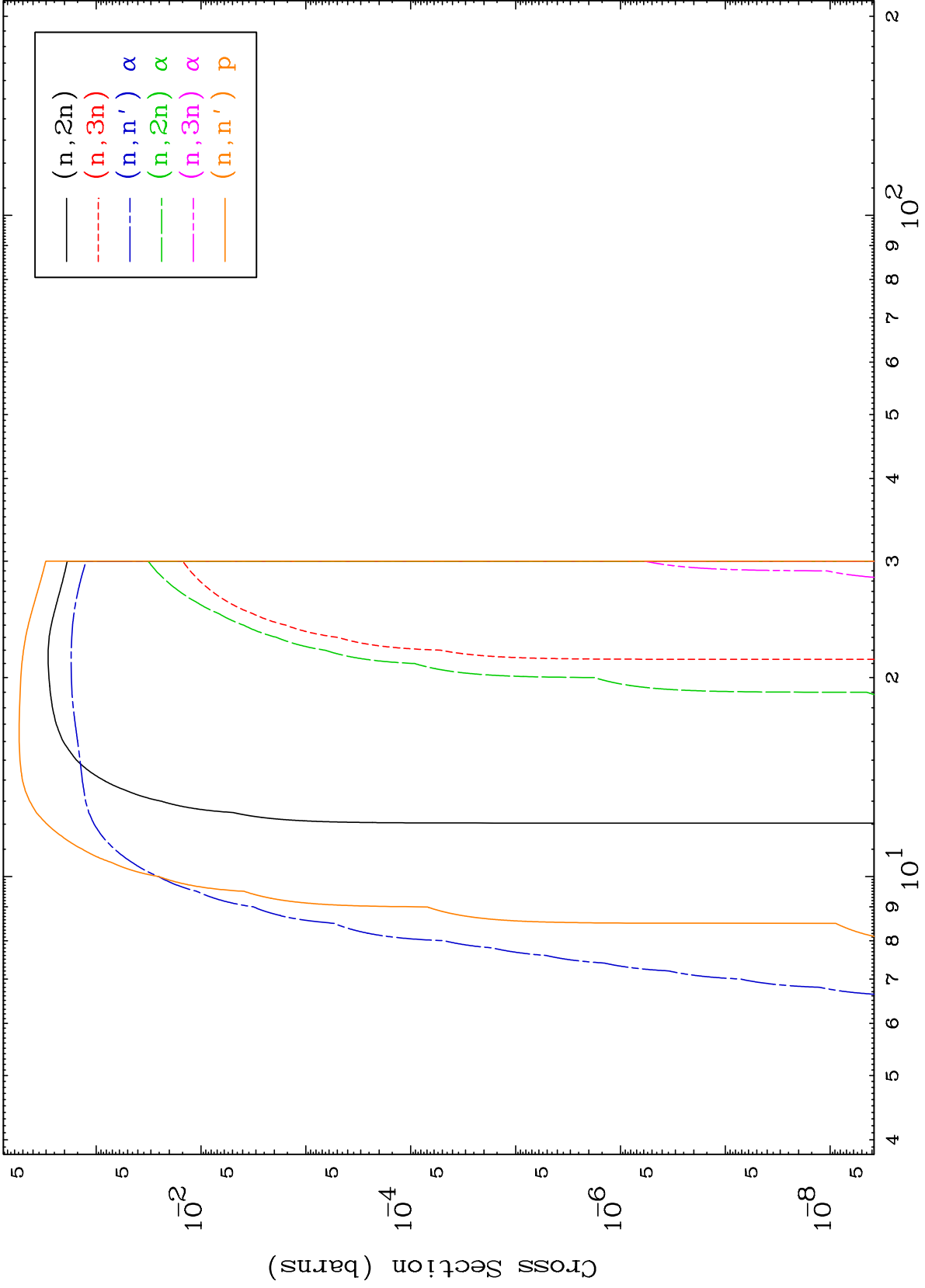
30-Zn-64



MAT 3025

Neutron Production  
293 Kelvin Cross Sections

30-Zn-64



2

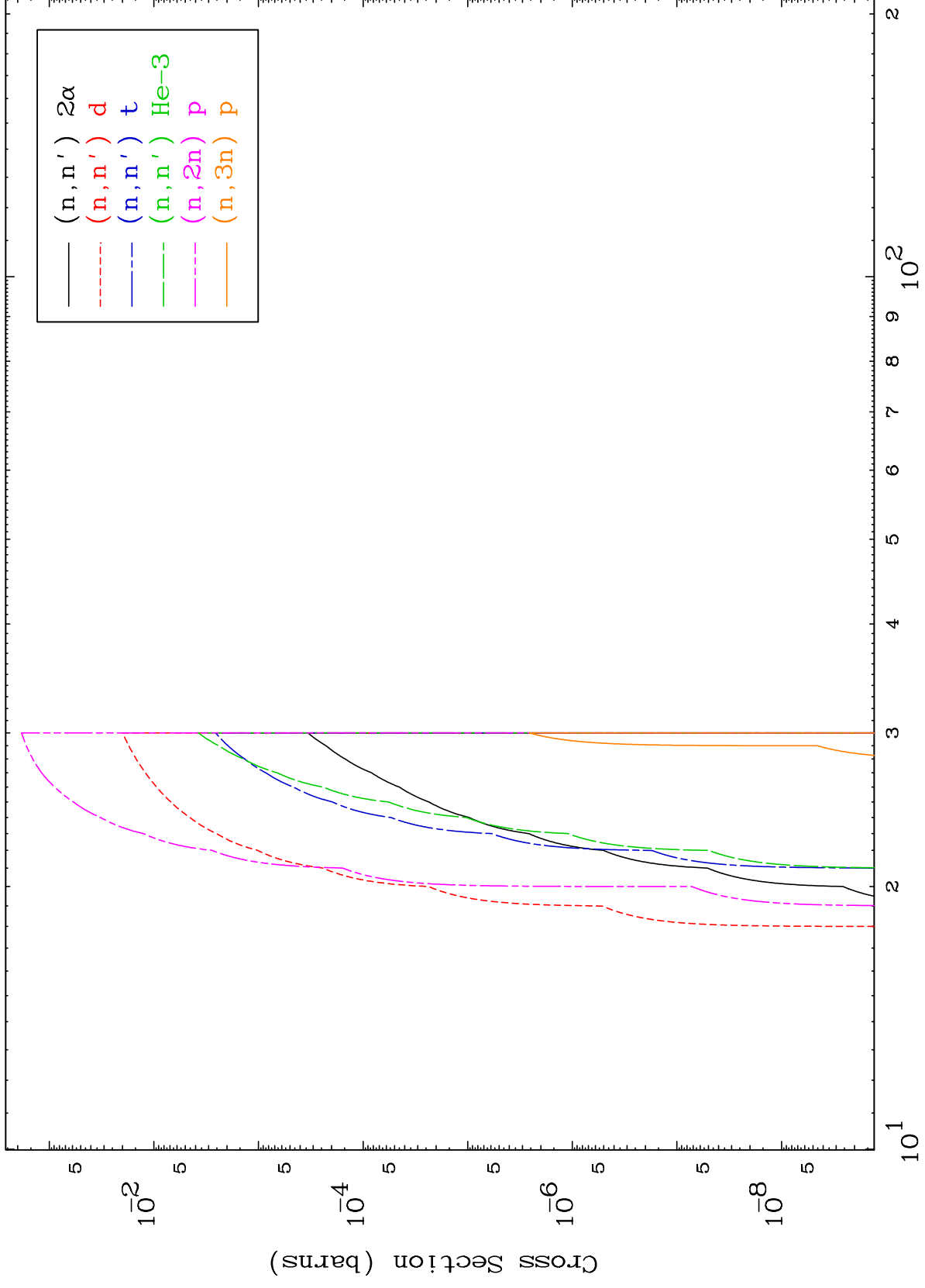
Incident Energy (MeV)

30-Zn-64

MAT 3025

Neutron Production  
293 Kelvin Cross Sections

30-Zn-64



30-Zn-64

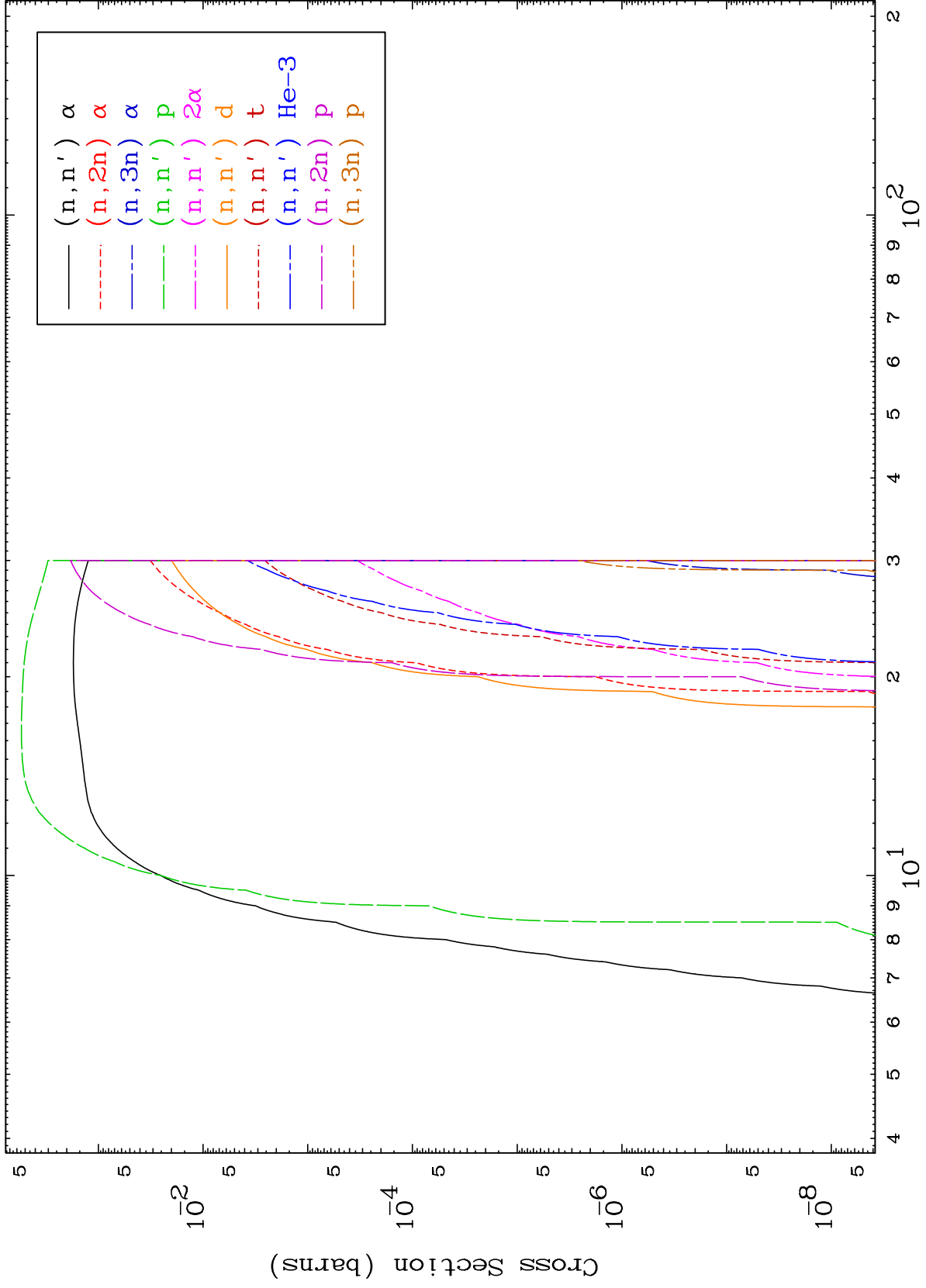
Incident Energy (MeV)

3

MAT 3025

Charged Particle  
293 Kelvin Cross Sections

30-Zn-64



30-Zn-64

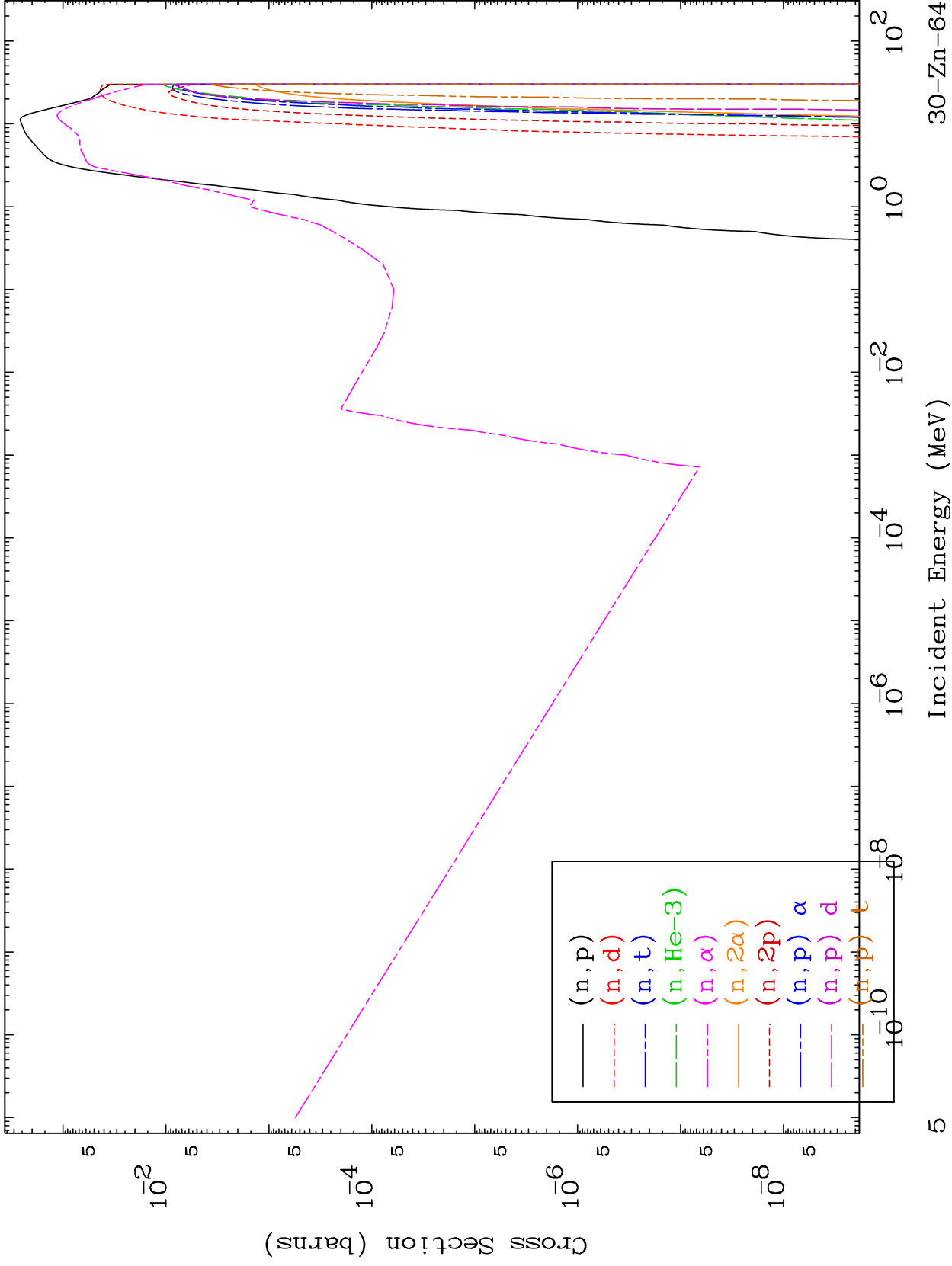
Incident Energy (MeV)

4

MAT 3025

Charged Particle  
293 Kelvin Cross Sections

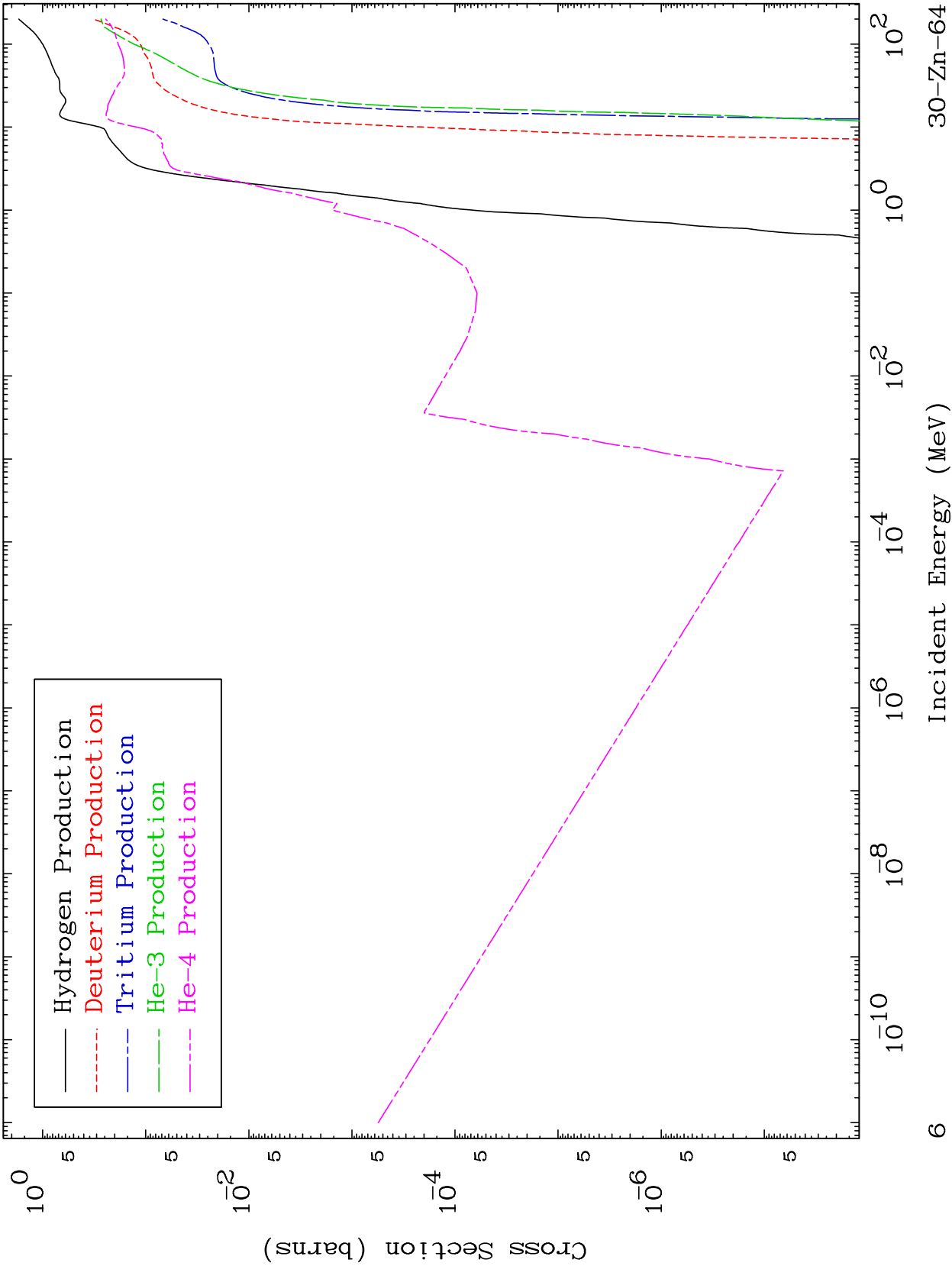
30-Zn-64



MAT 3025

Particle Production  
293 Kelvin Cross Sections

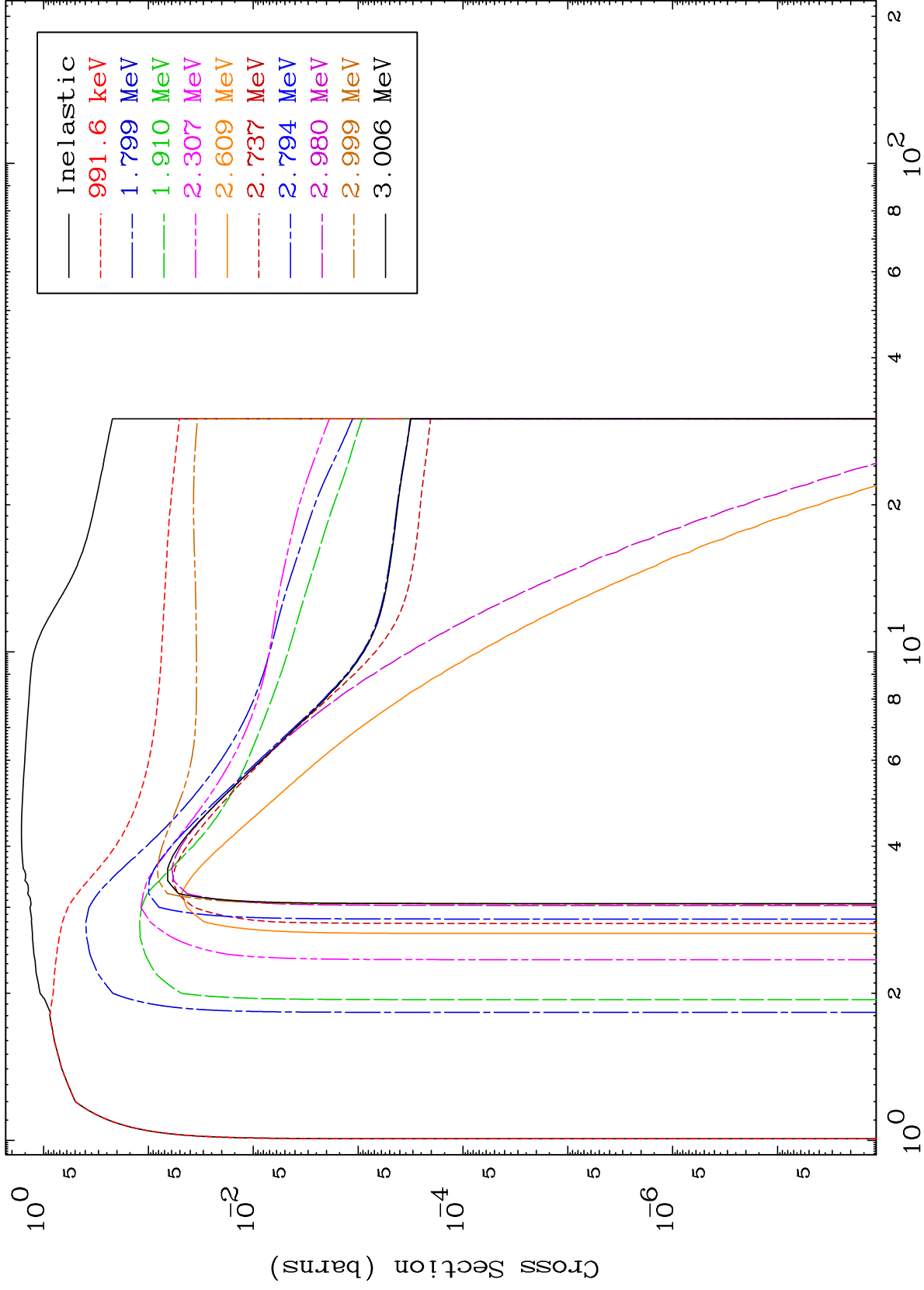
30-Zn-64



MAT 3025

(n,n') Level  
293 Kelvin Cross Sections

30-Zn-64



Incident Energy (MeV)

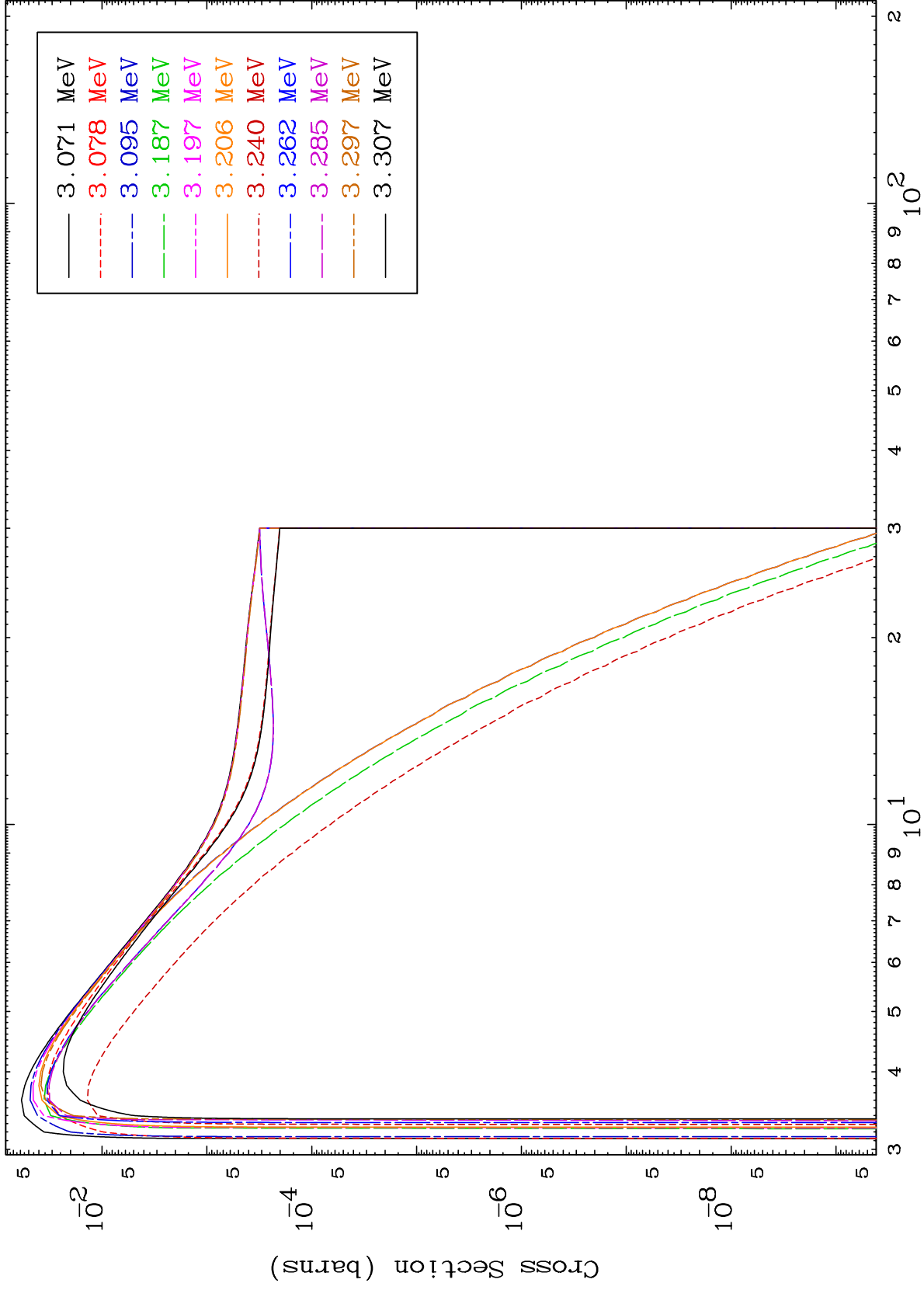
30-Zn-64



MAT 3025

(n,n') Level  
293 Kelvin Cross Sections

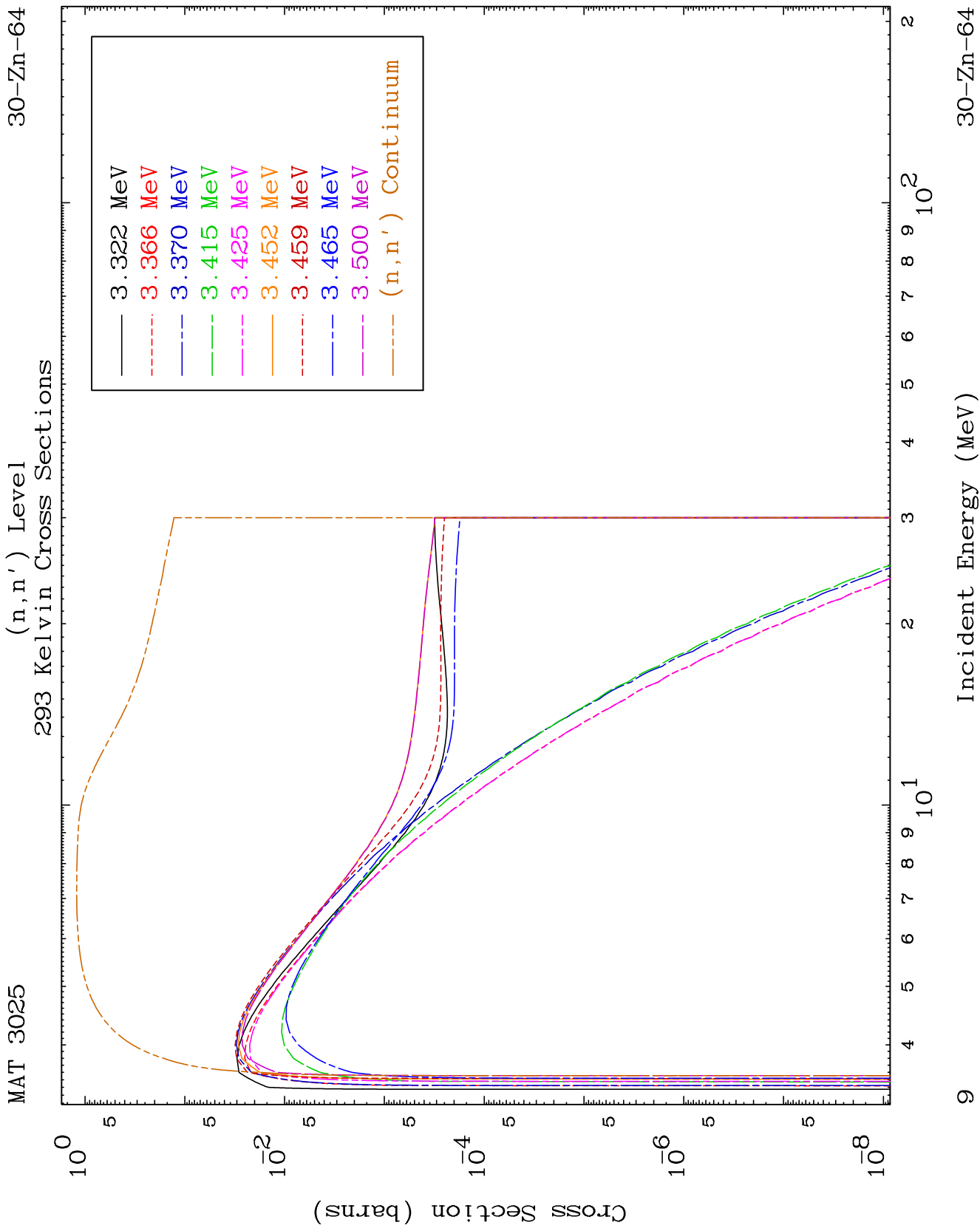
30-Zn-64



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Incident Energy (MeV)

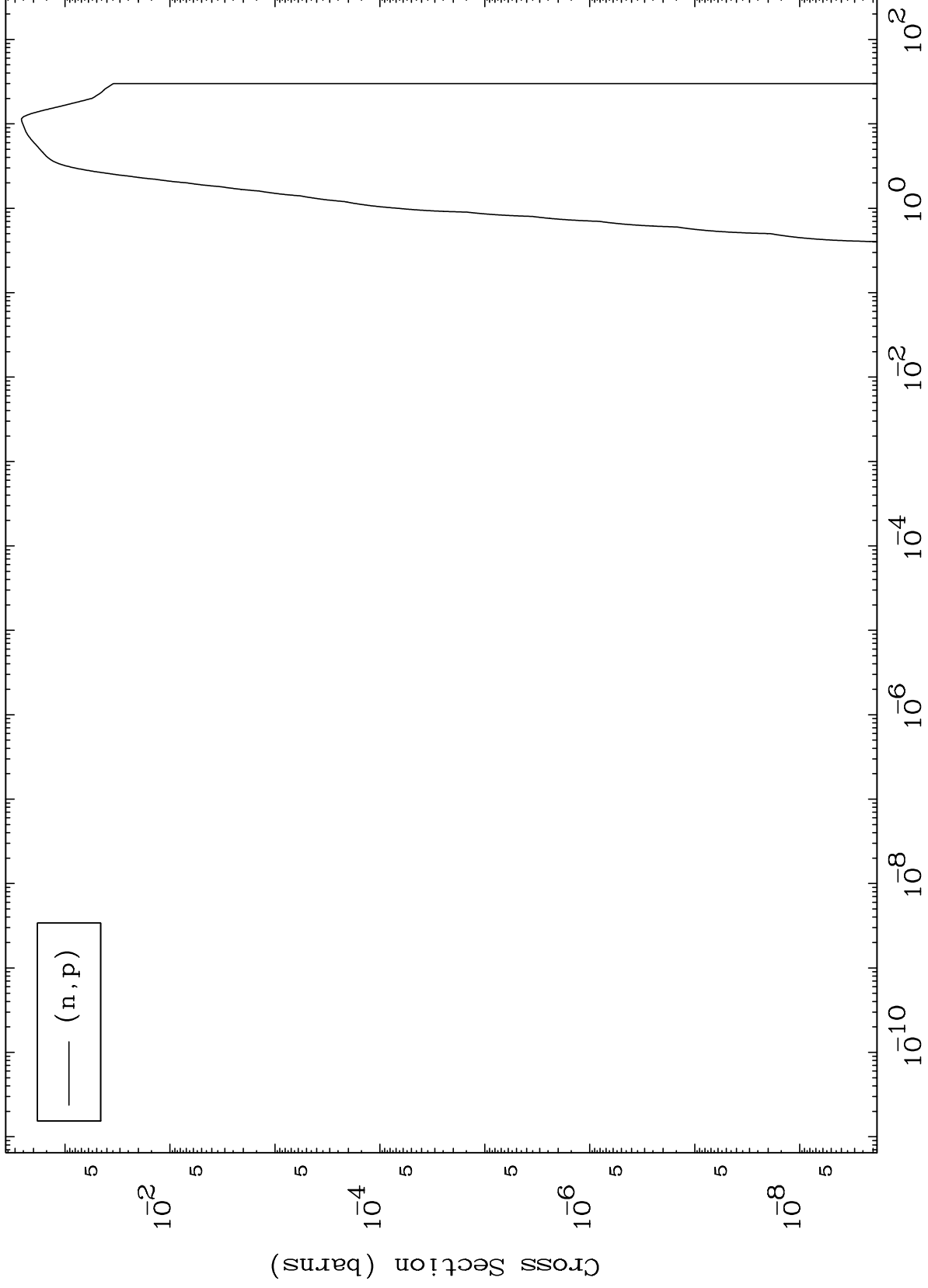
30-Zn-64



MAT 3025

(n,p) Levels  
293 Kelvin Cross Sections

30-Zn-64



10

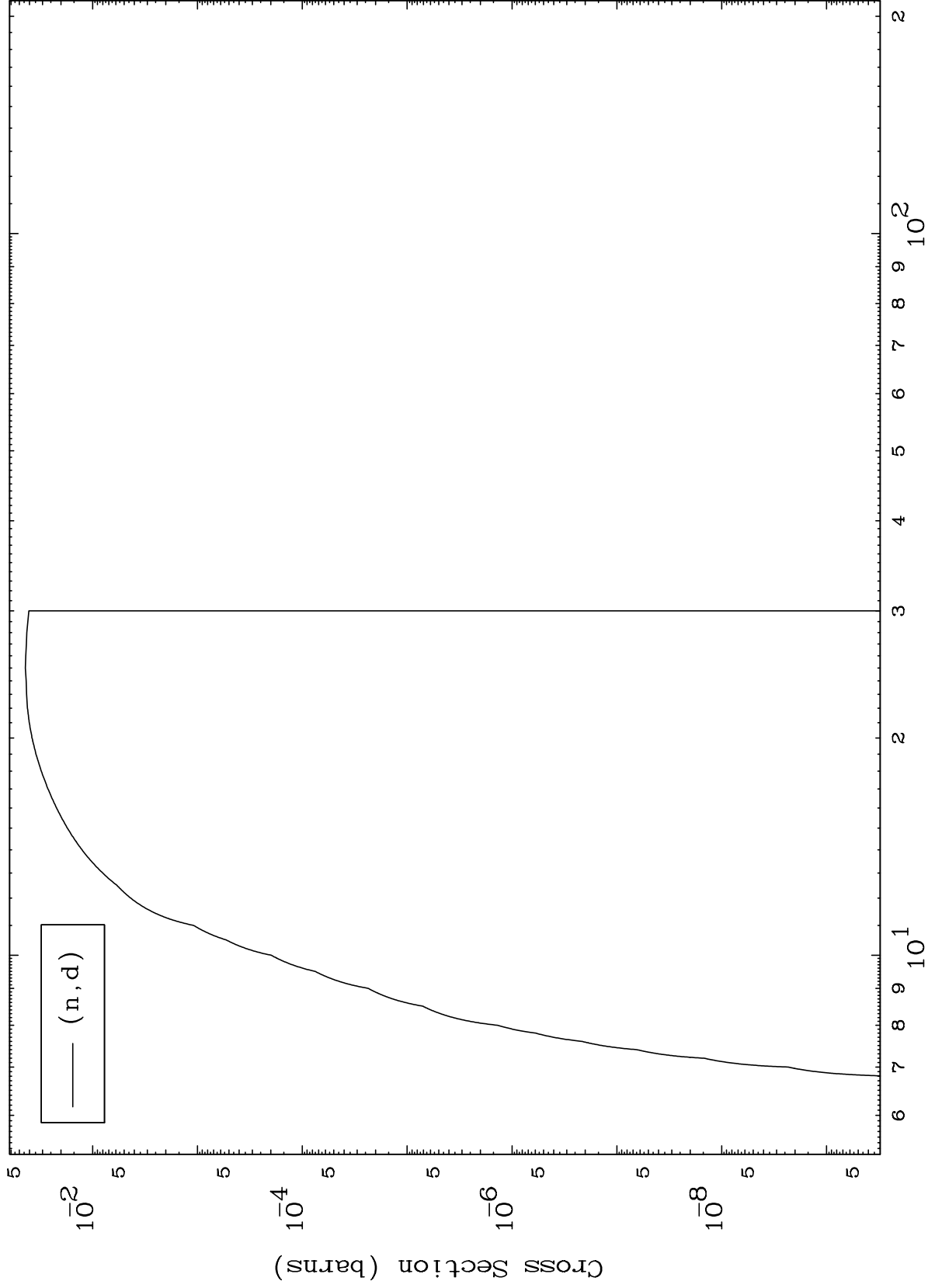
Incident Energy (MeV)

30-Zn-64

MAT 3025

(n,d) Levels  
293 Kelvin Cross Sections

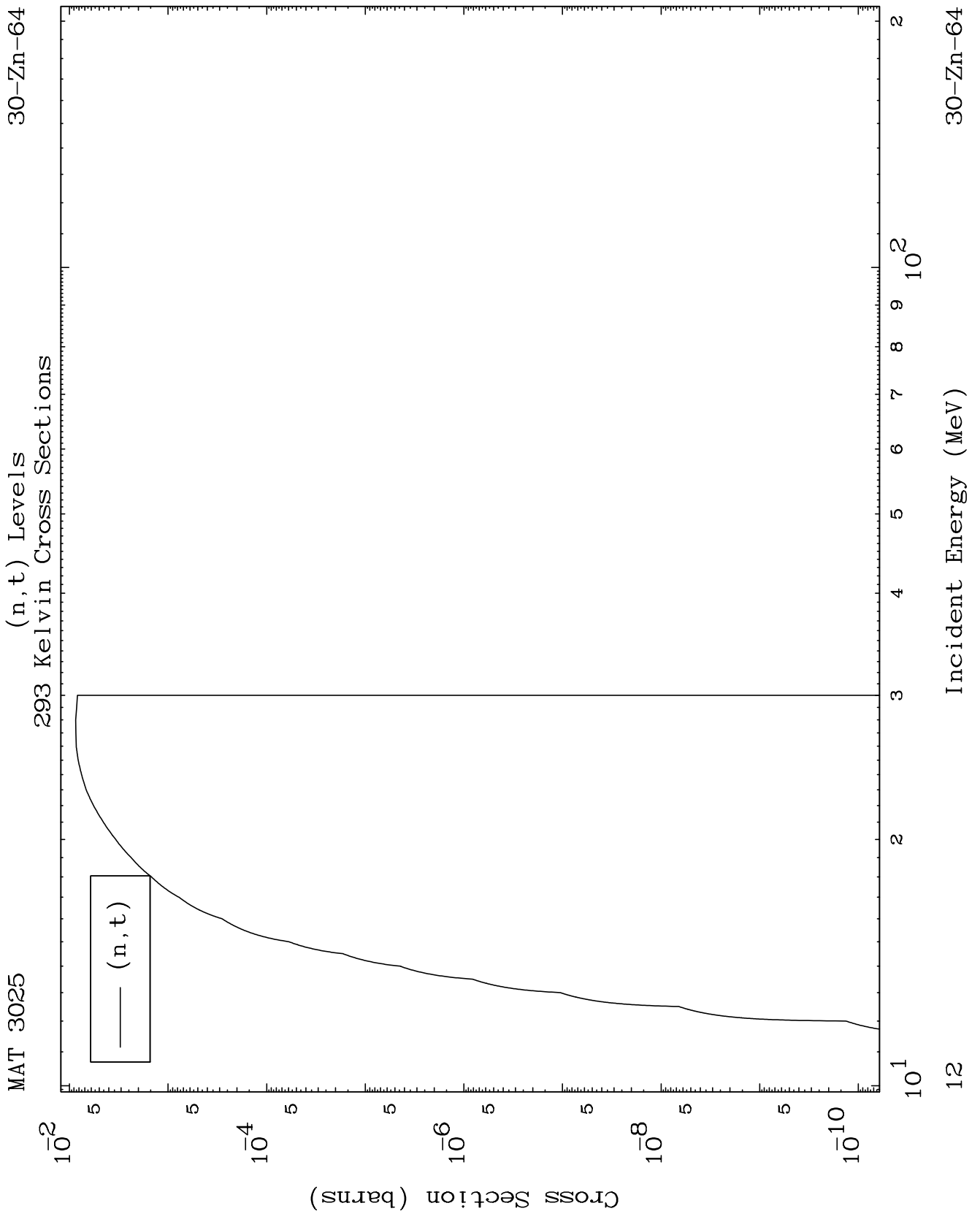
30-Zn-64



11

Incident Energy (MeV)

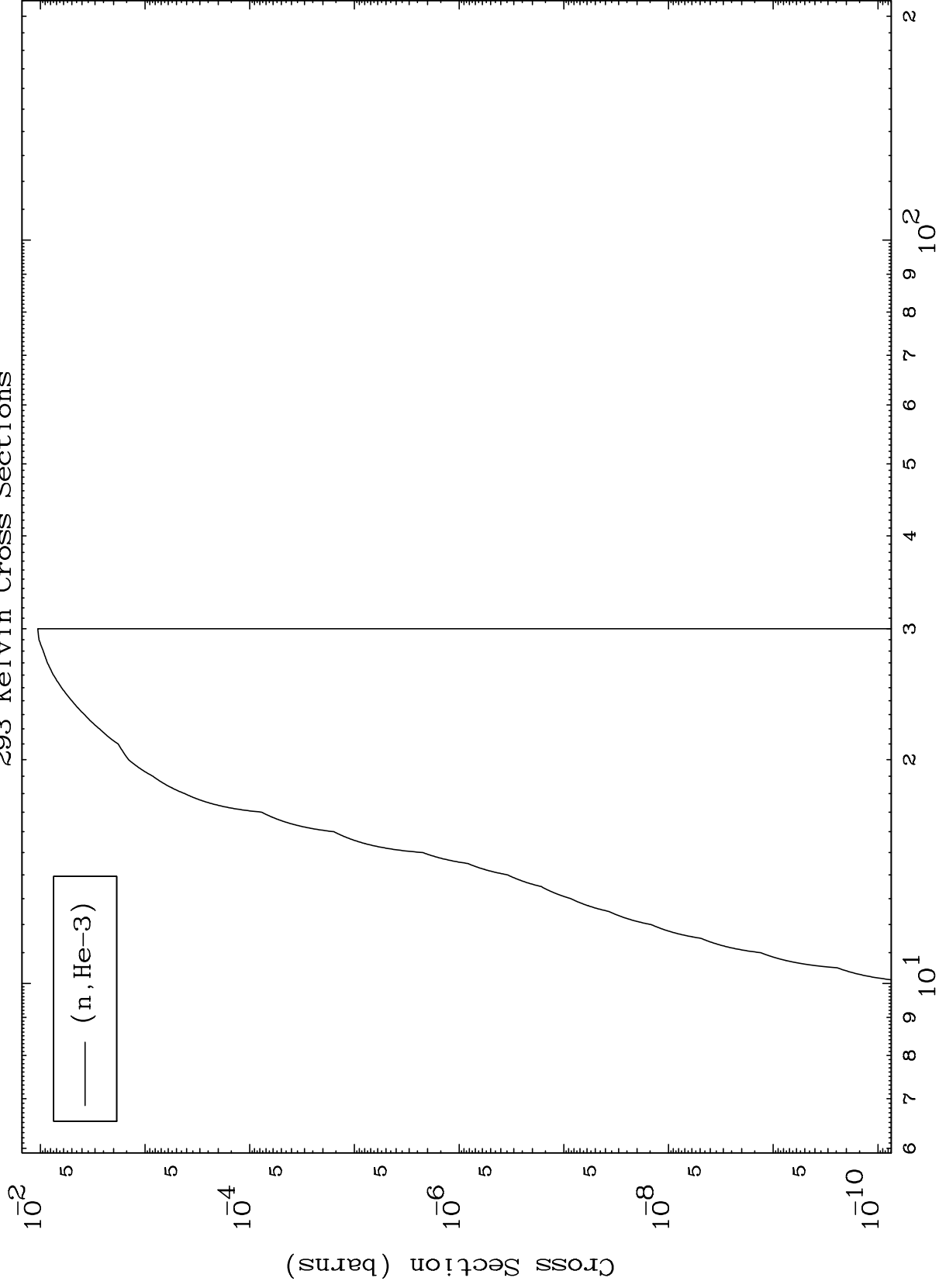
30-Zn-64



MAT 3025

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-64



13

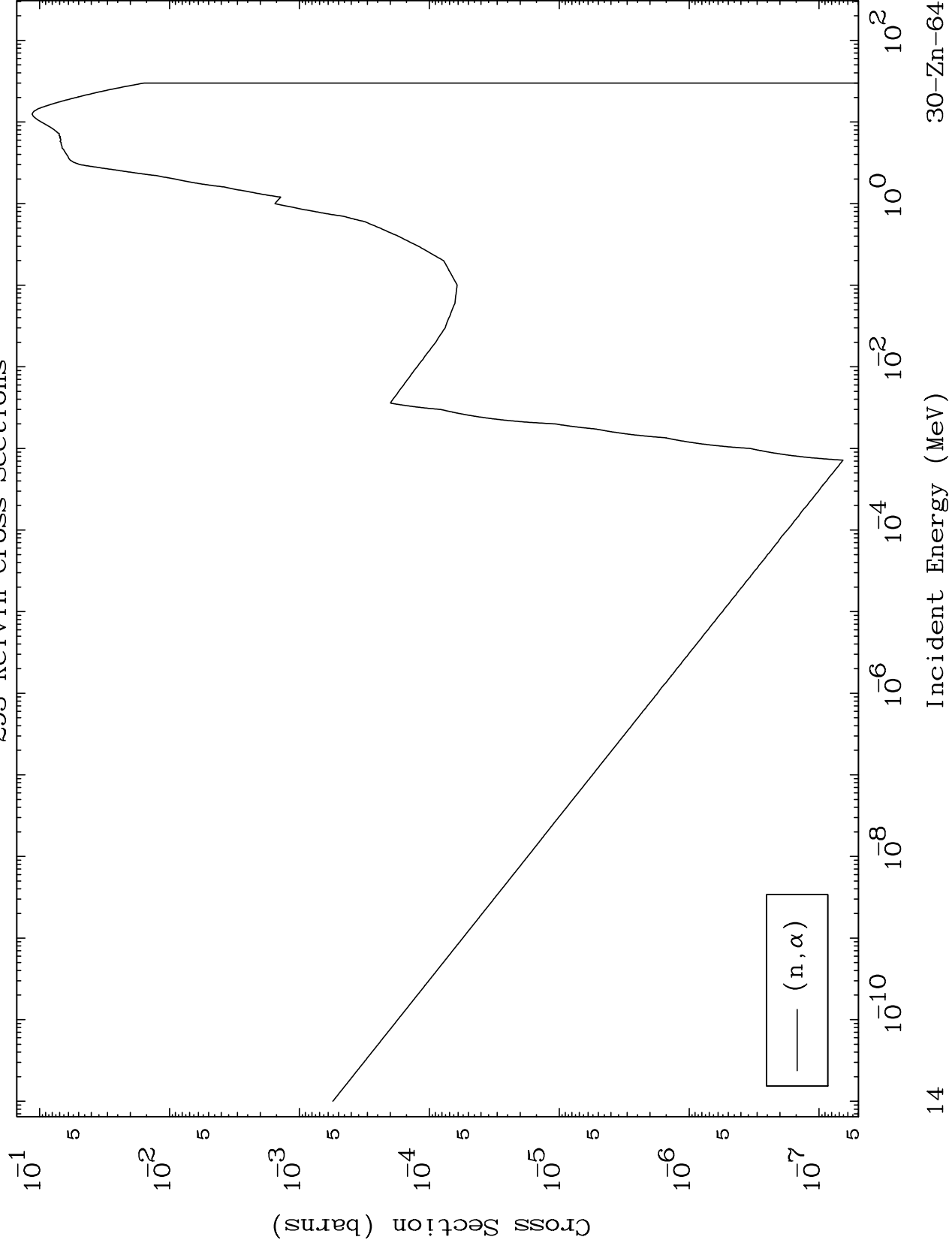
Incident Energy (MeV)

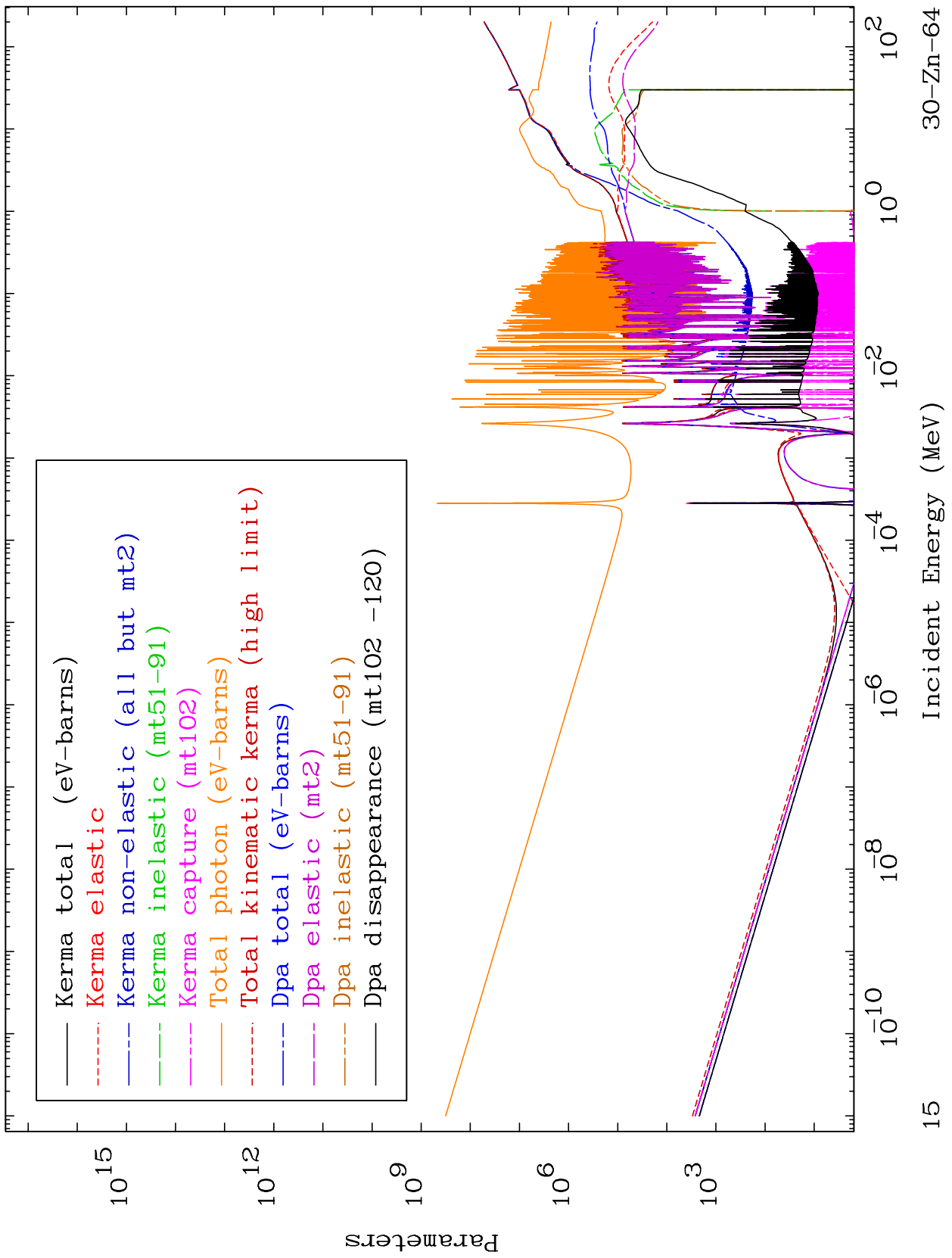
30-Zn-64

MAT 3025

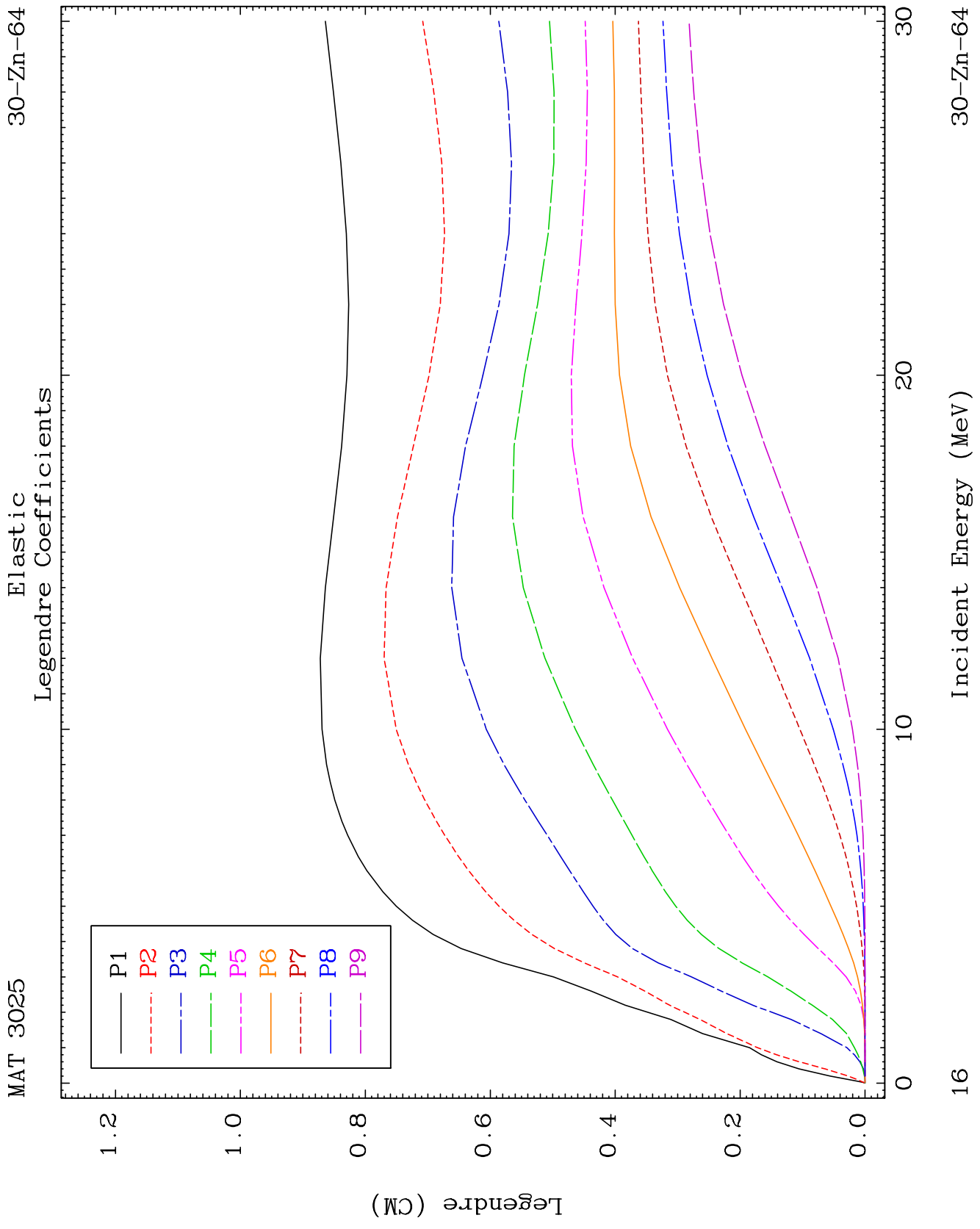
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

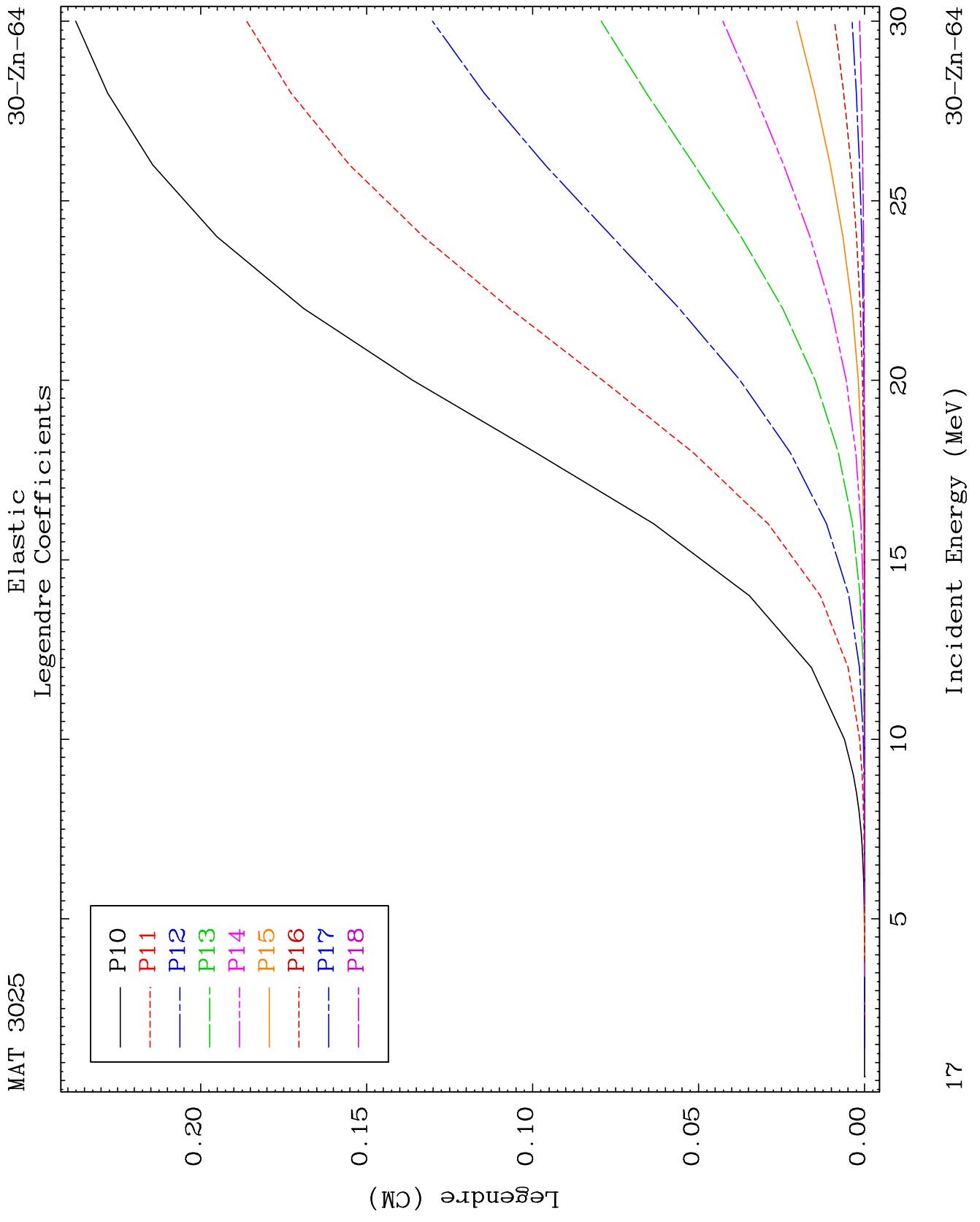
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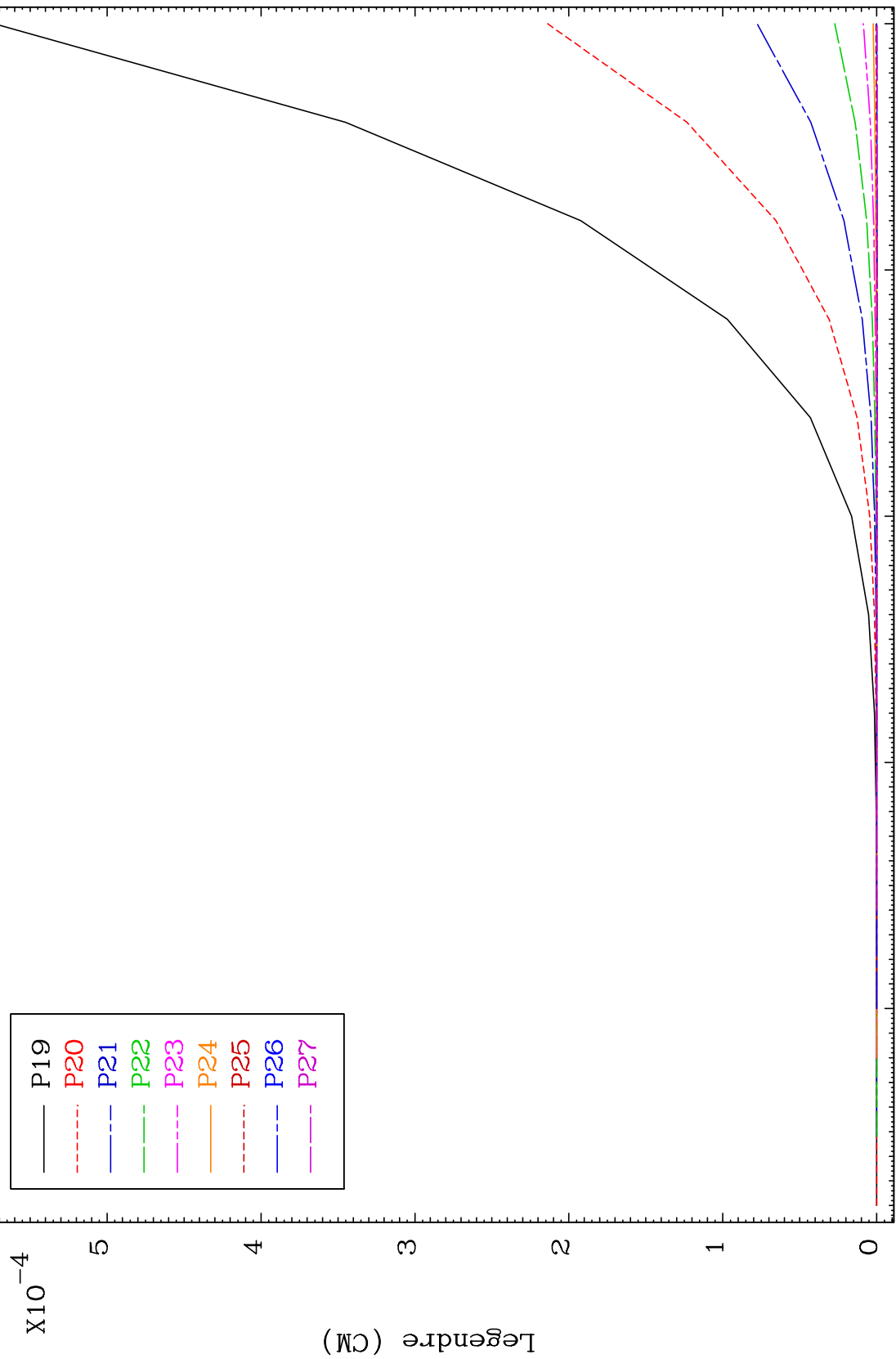
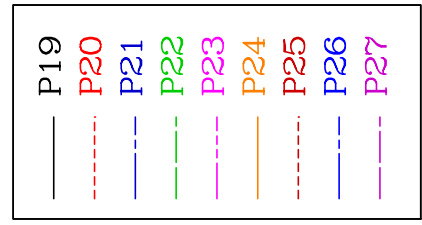




MAT 3025

Elastic  
Legendre Coefficients

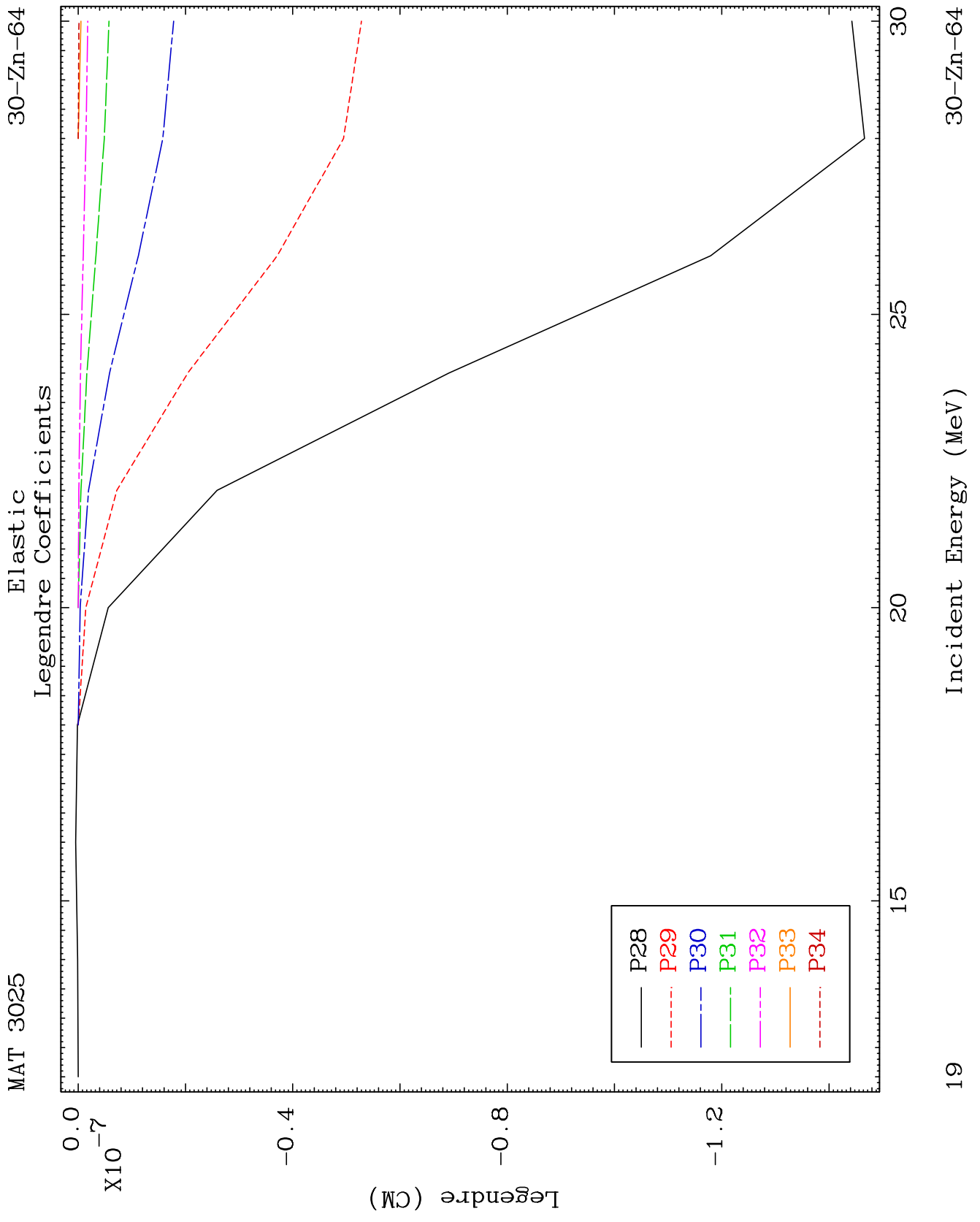
30-Zn-64



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Incident Energy (MeV)

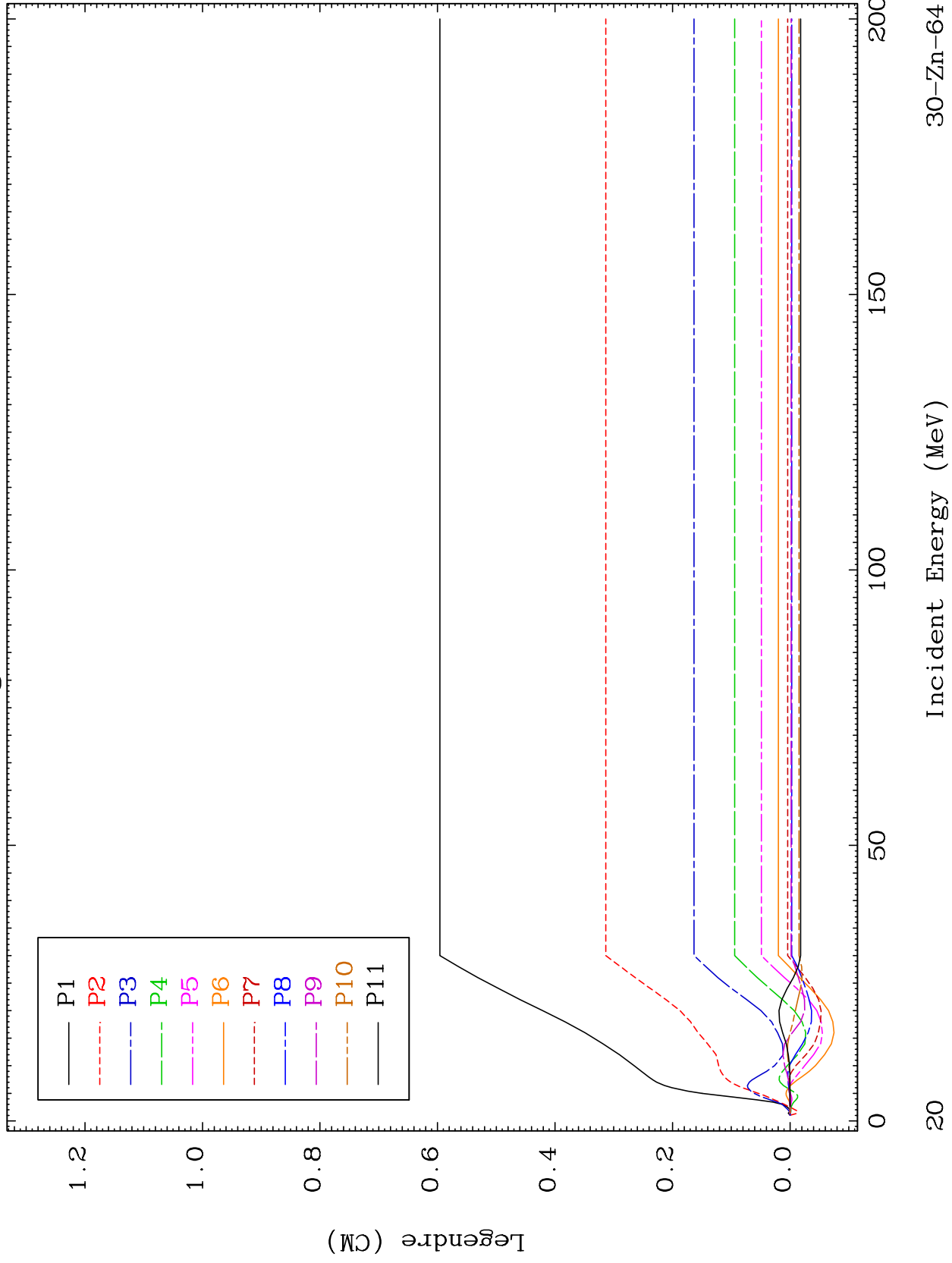
30-Zn-64



MAT 3025

991.6 keV (n,n') Level  
Legendre Coefficients

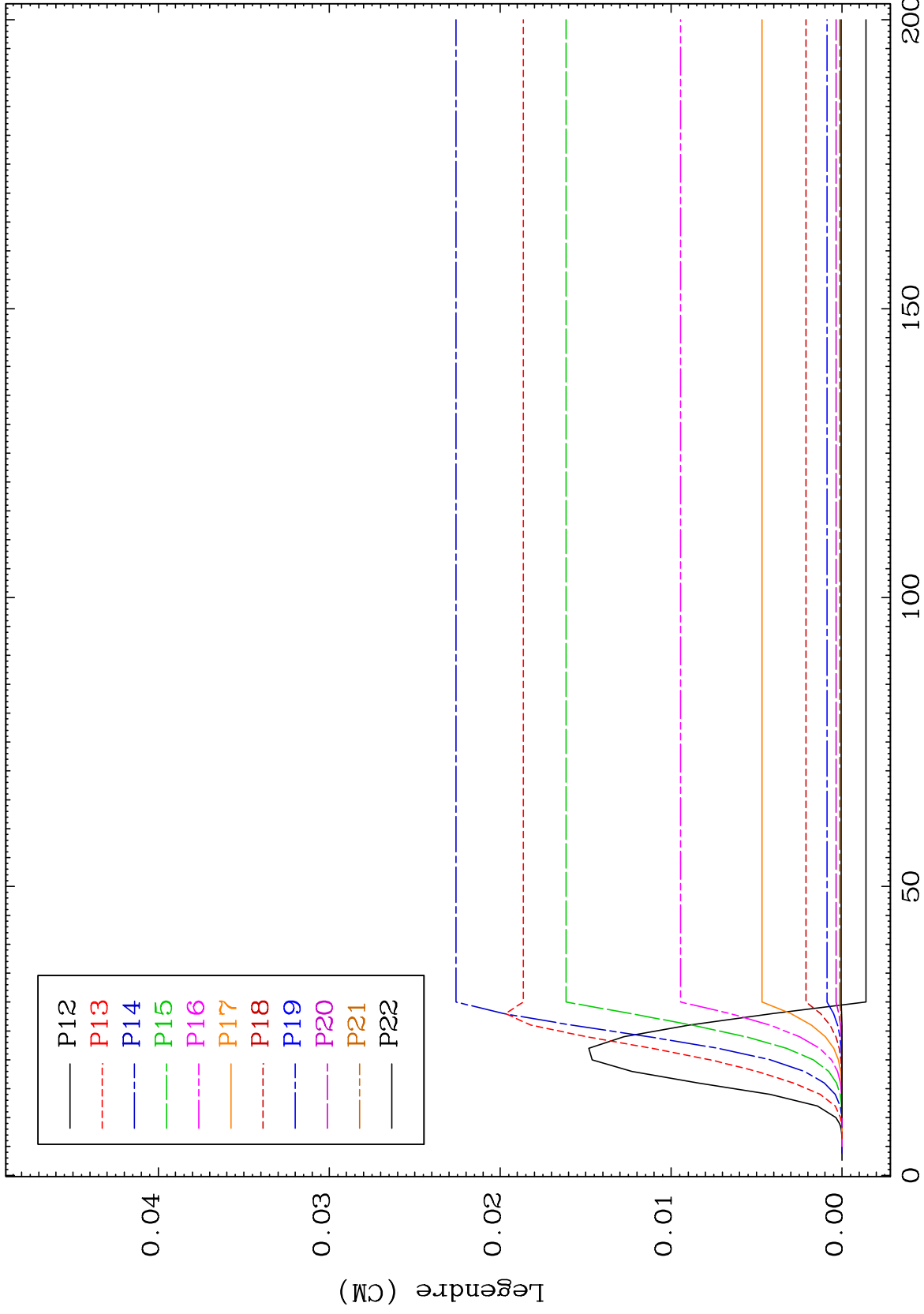
30-Zn-64



MAT 3025

991.6 keV (n,n') Level  
Legendre Coefficients

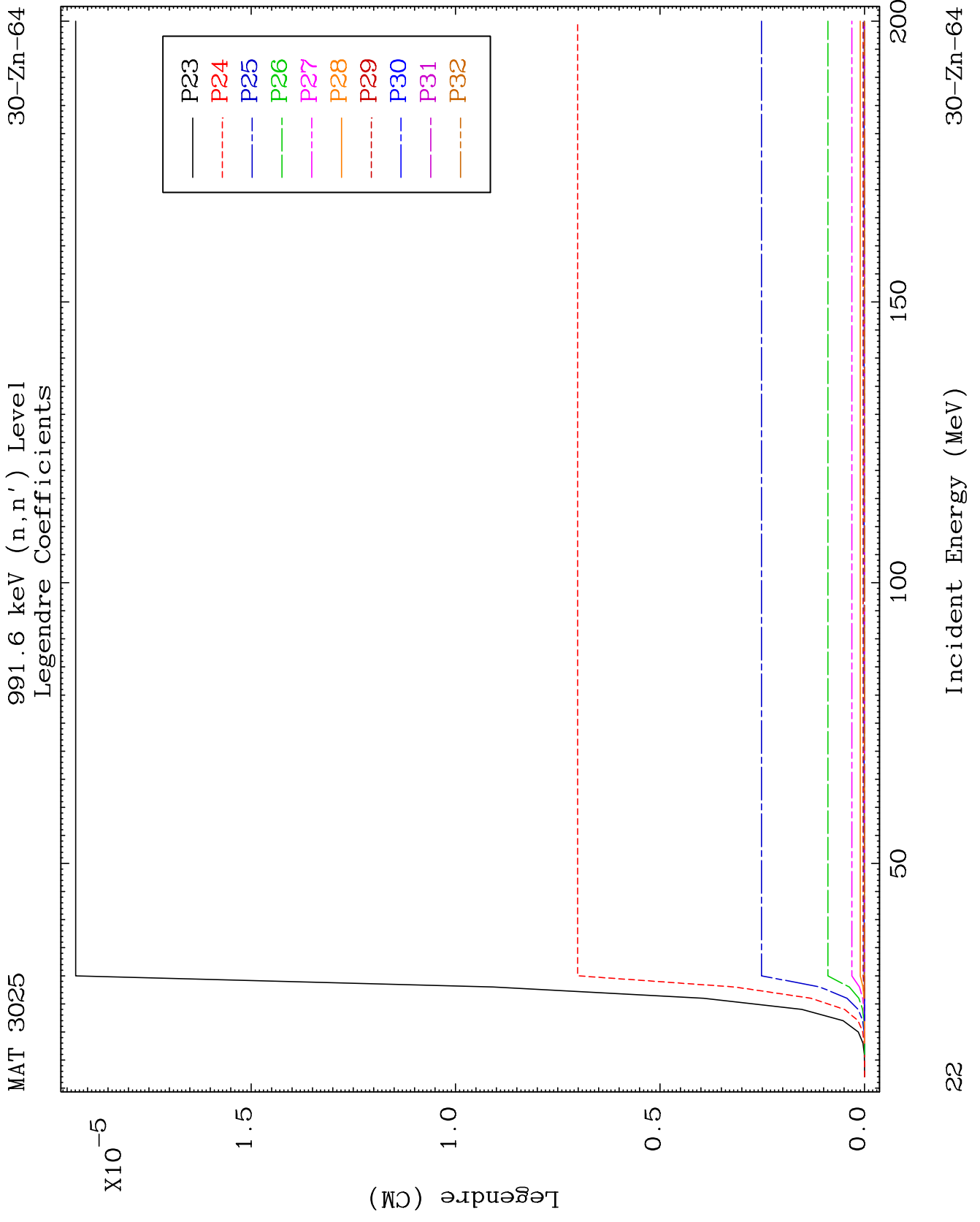
30-Zn-64



21

Incident Energy (MeV)

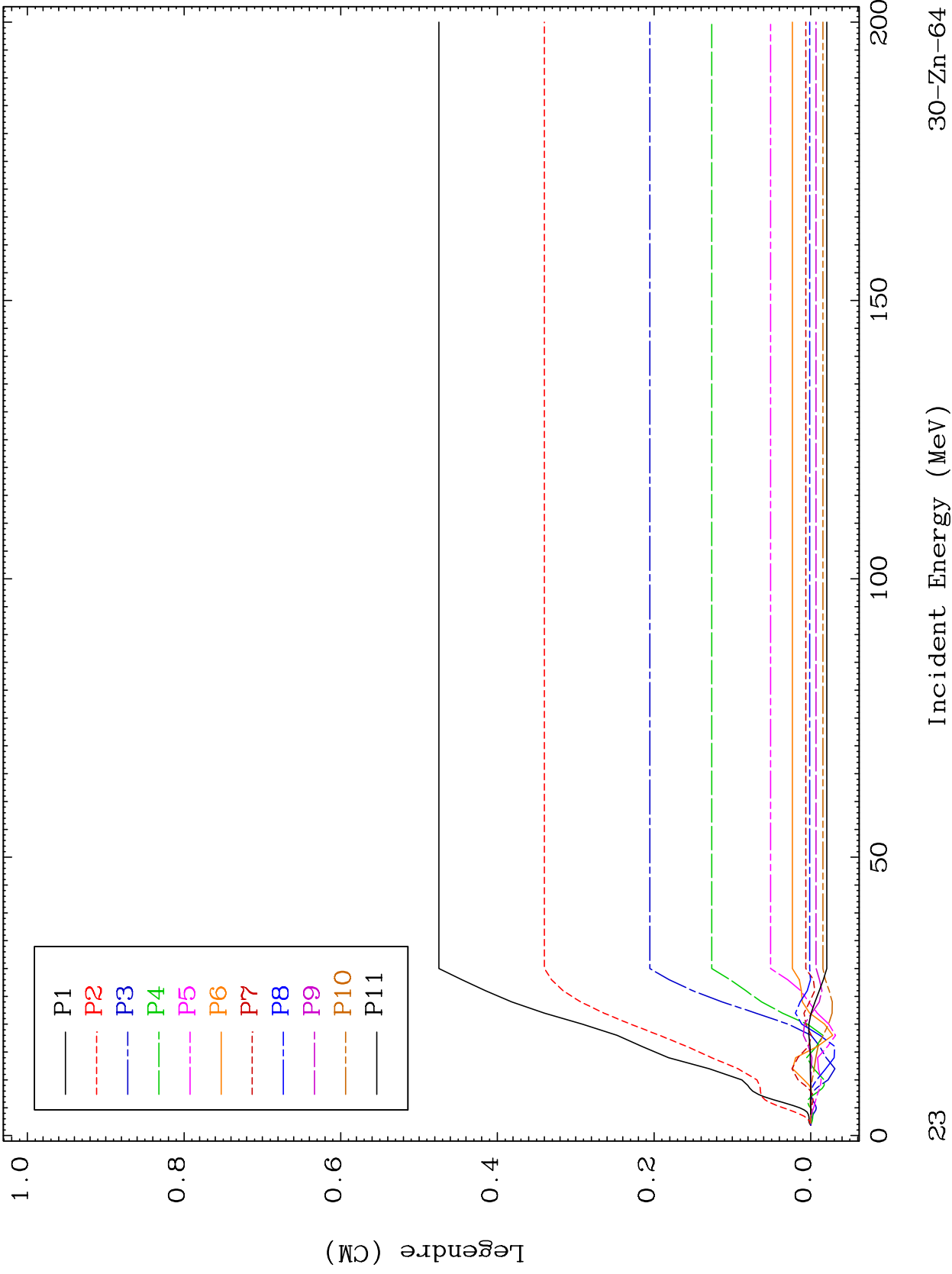
30-Zn-64



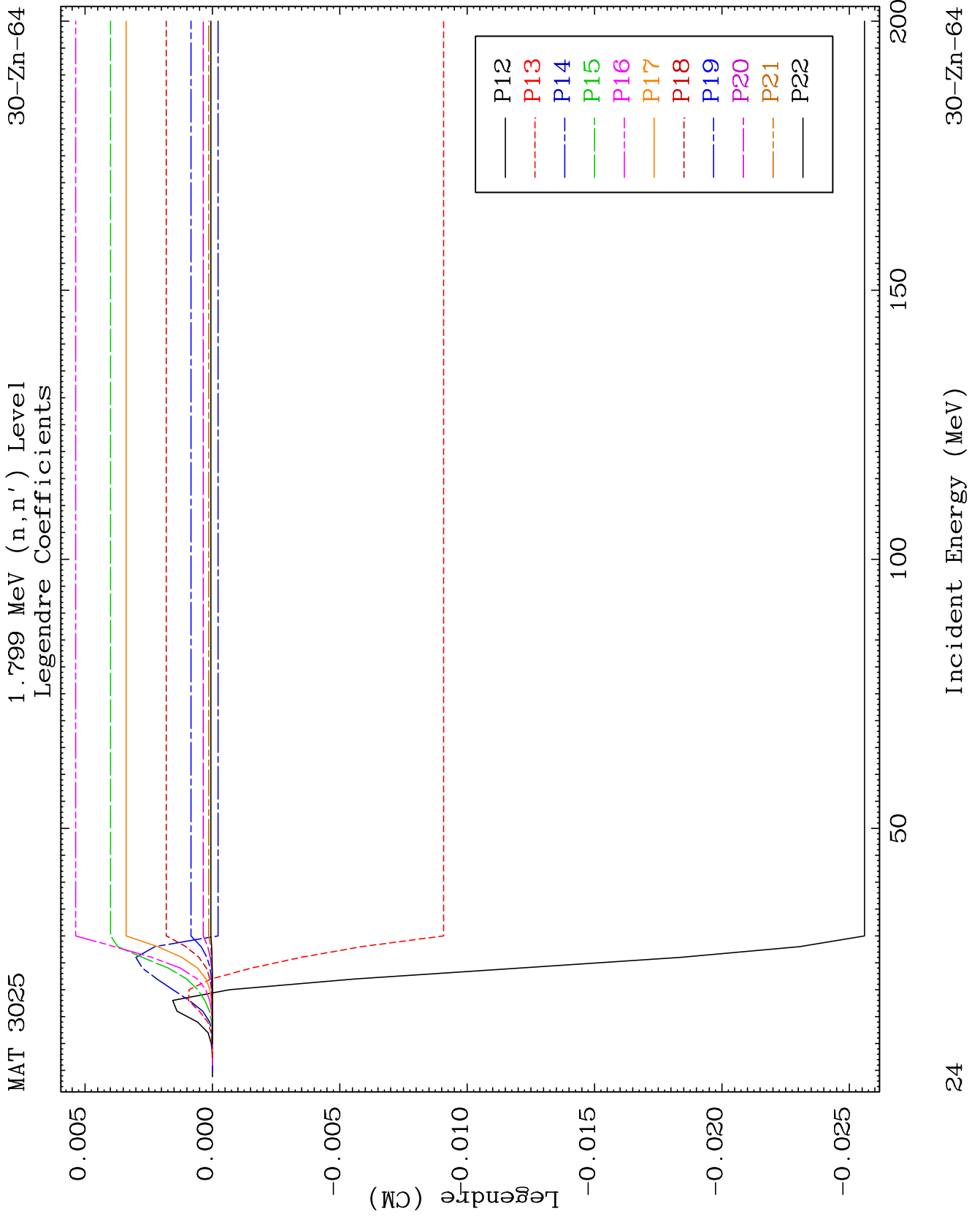
MAT 3025

1.799 MeV (n,n') Level  
Legendre Coefficients

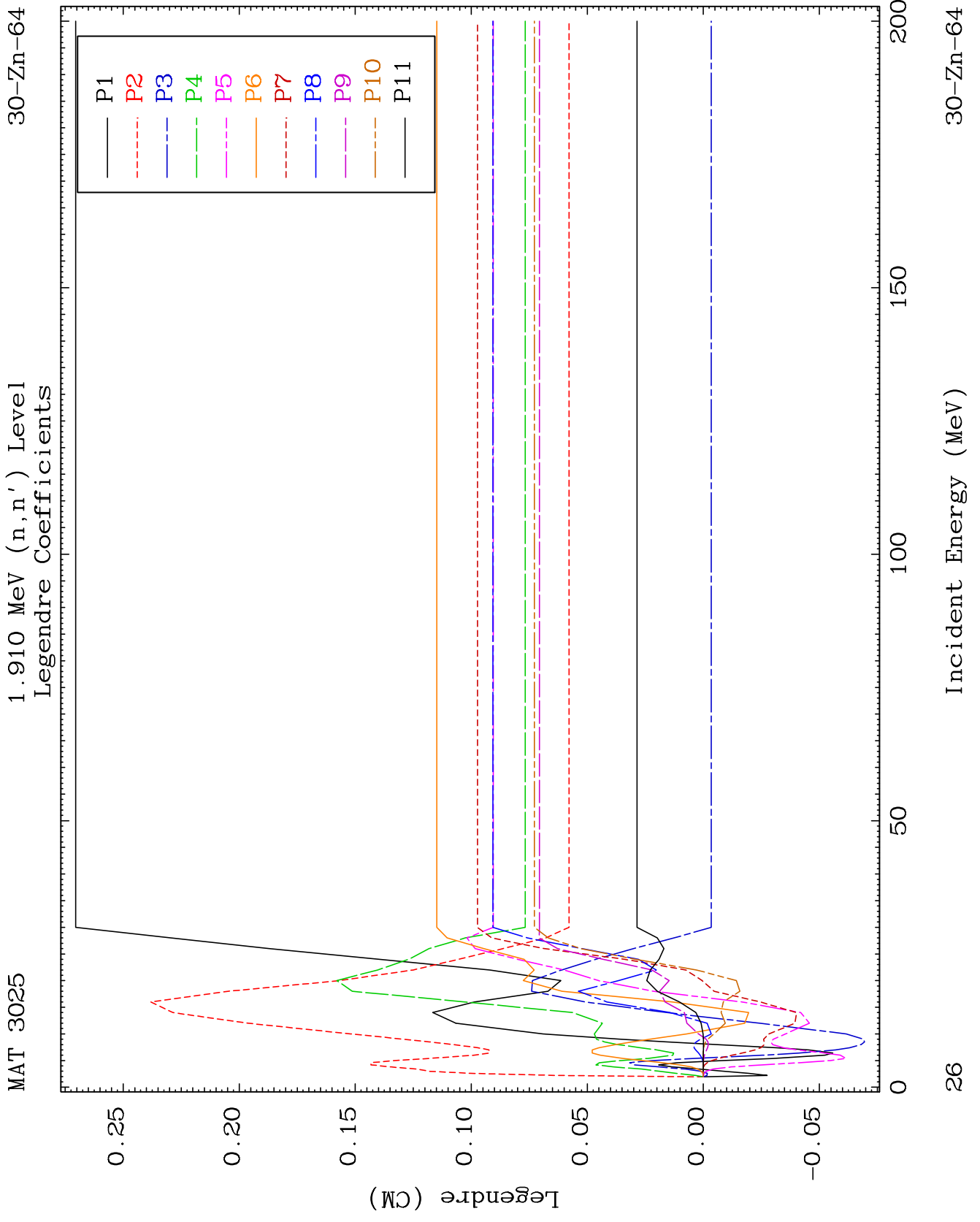
30-Zn-64

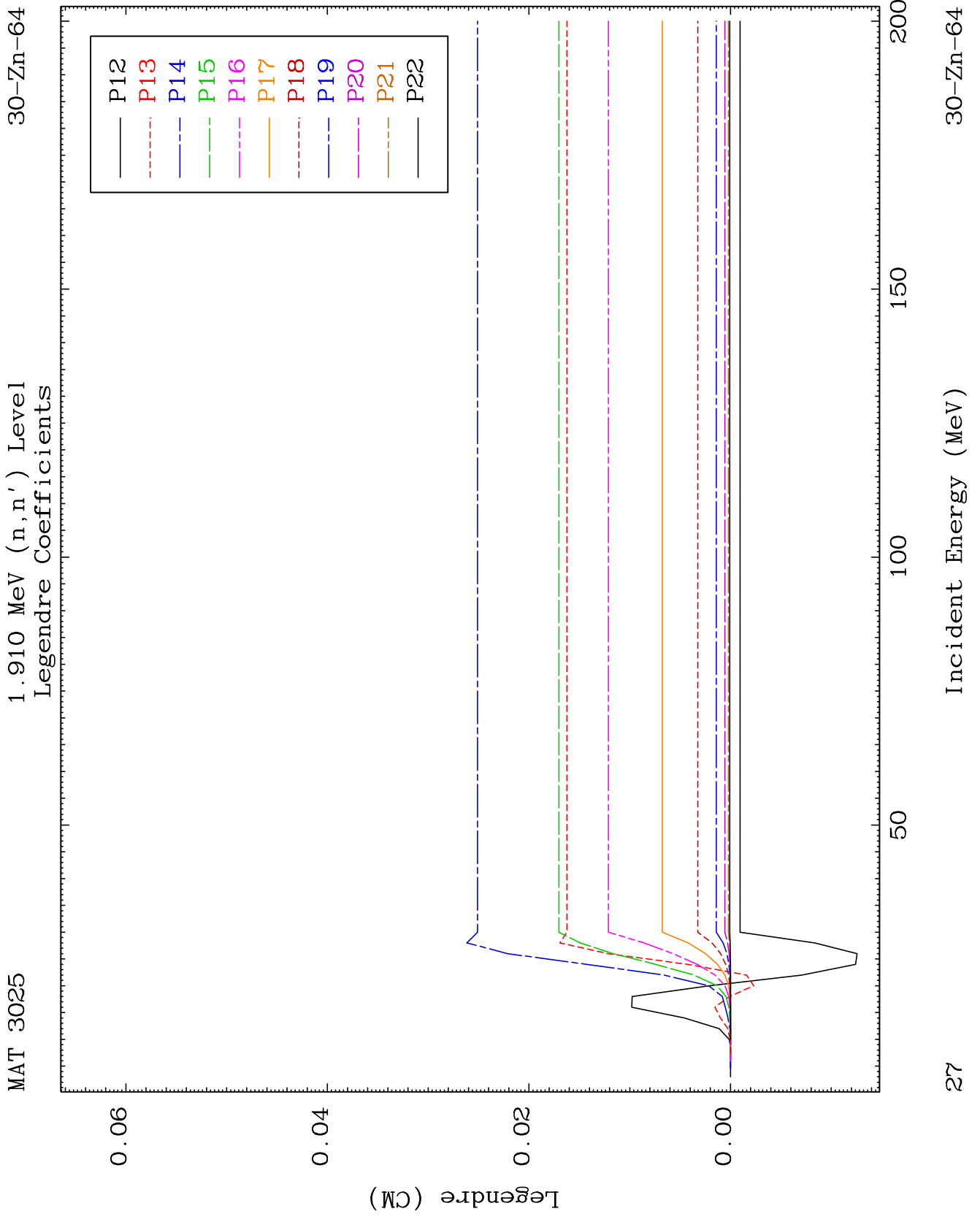


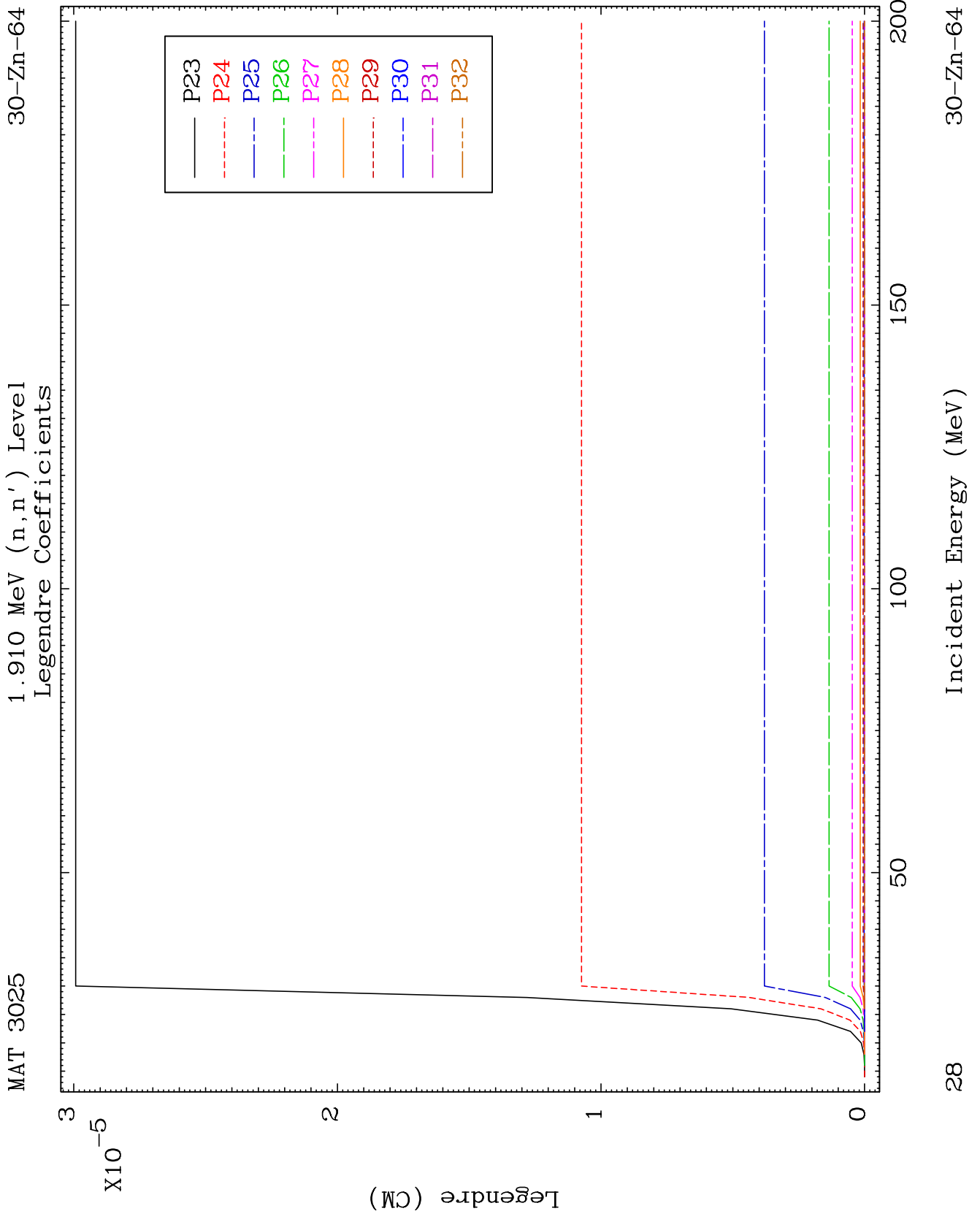


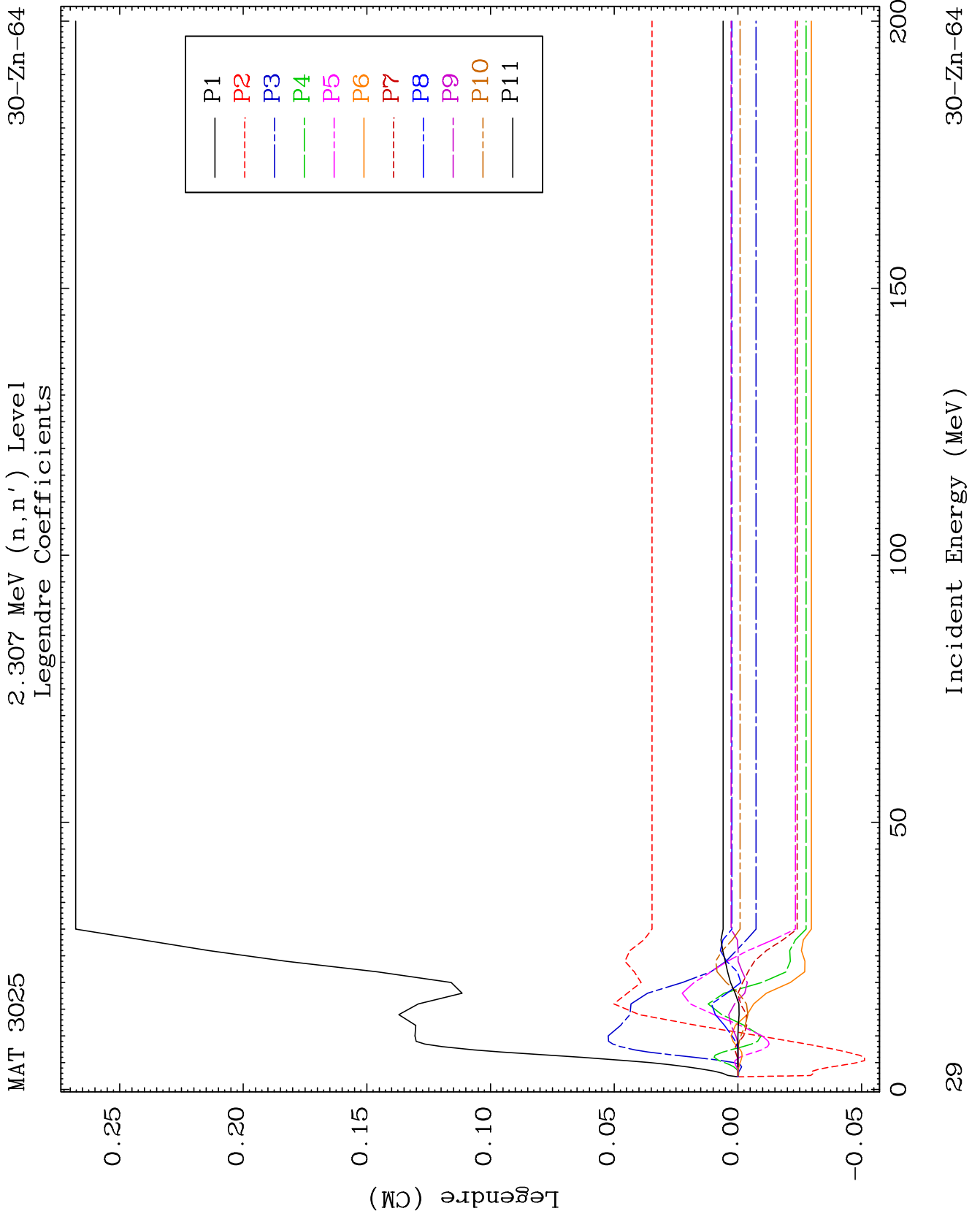


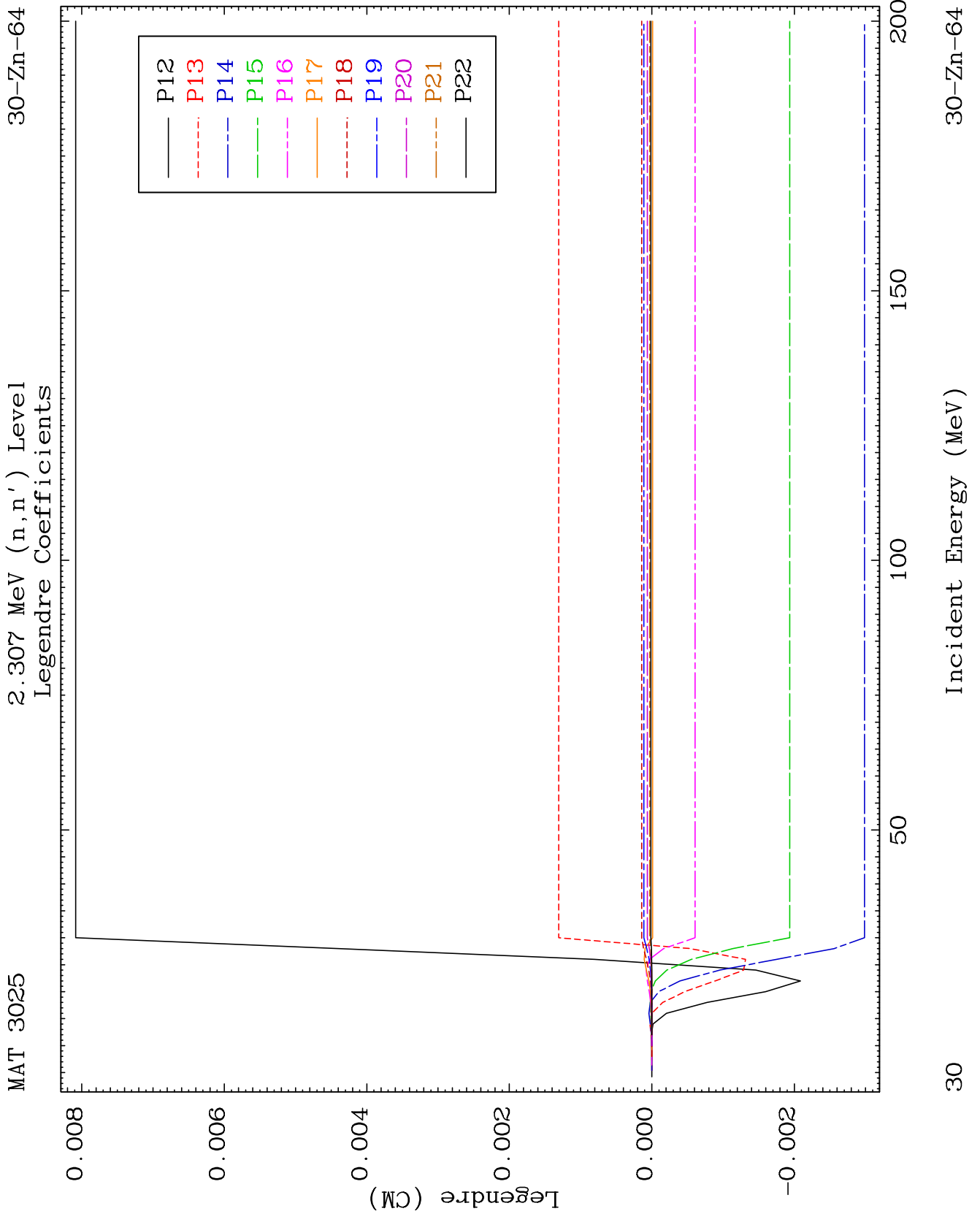


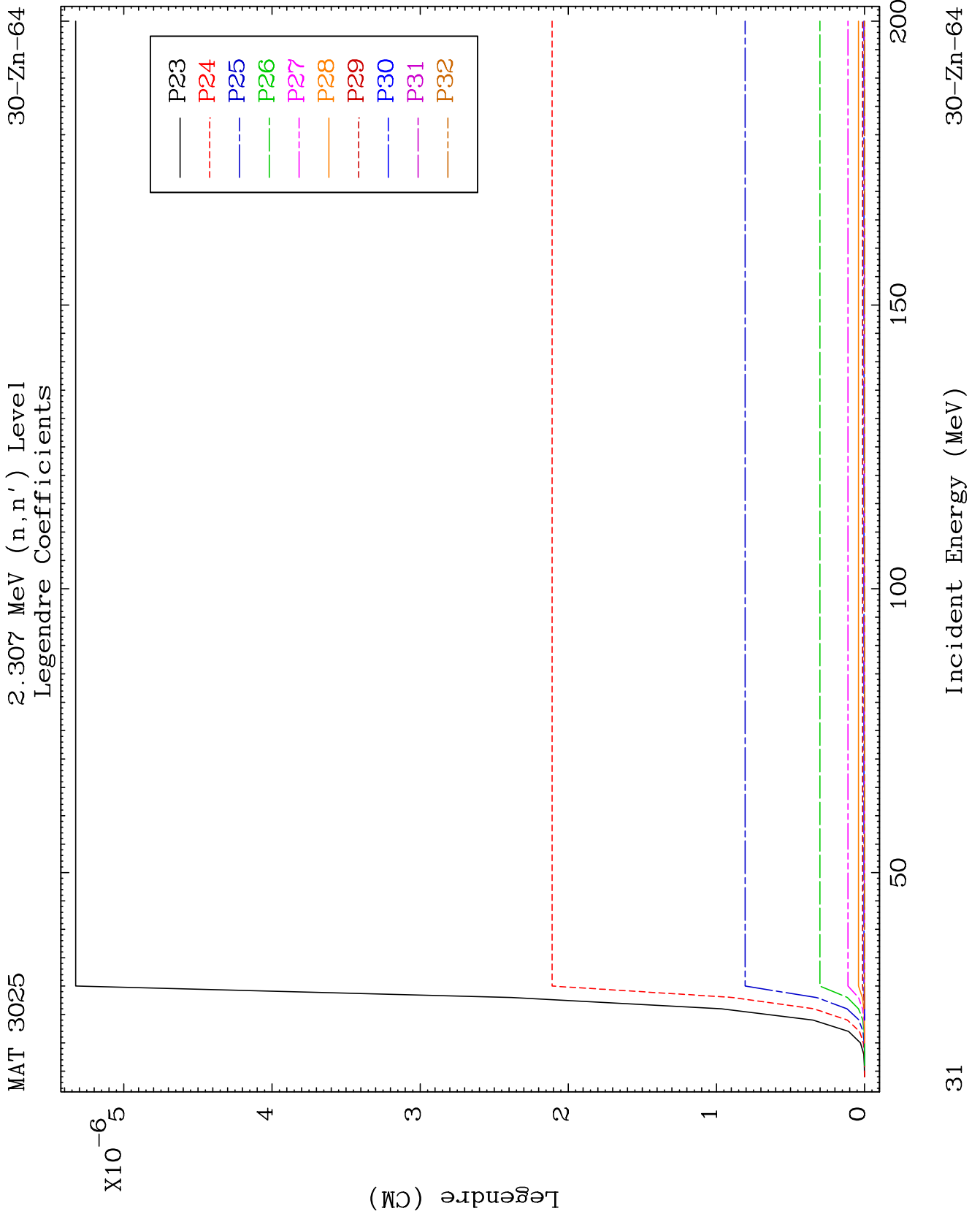




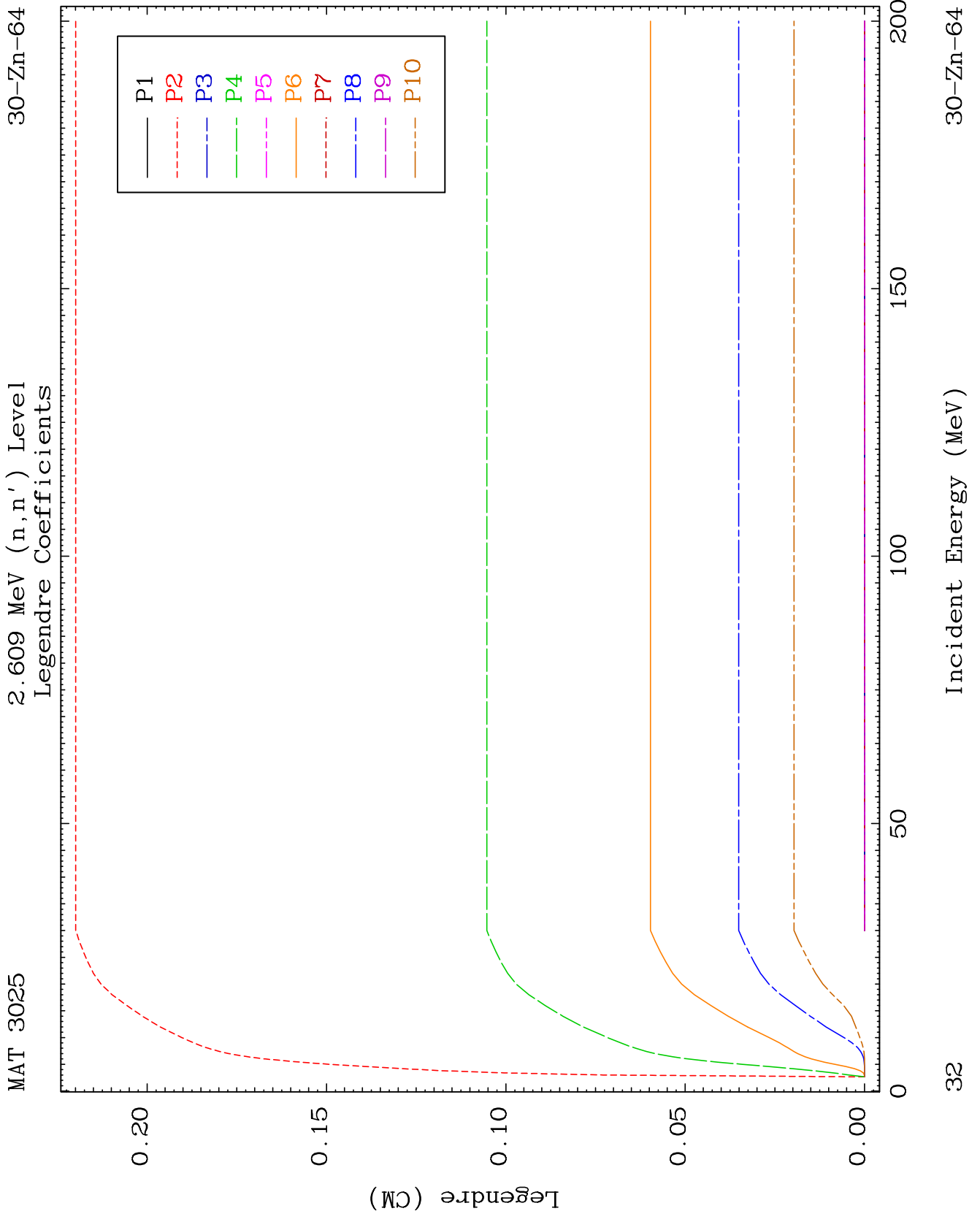






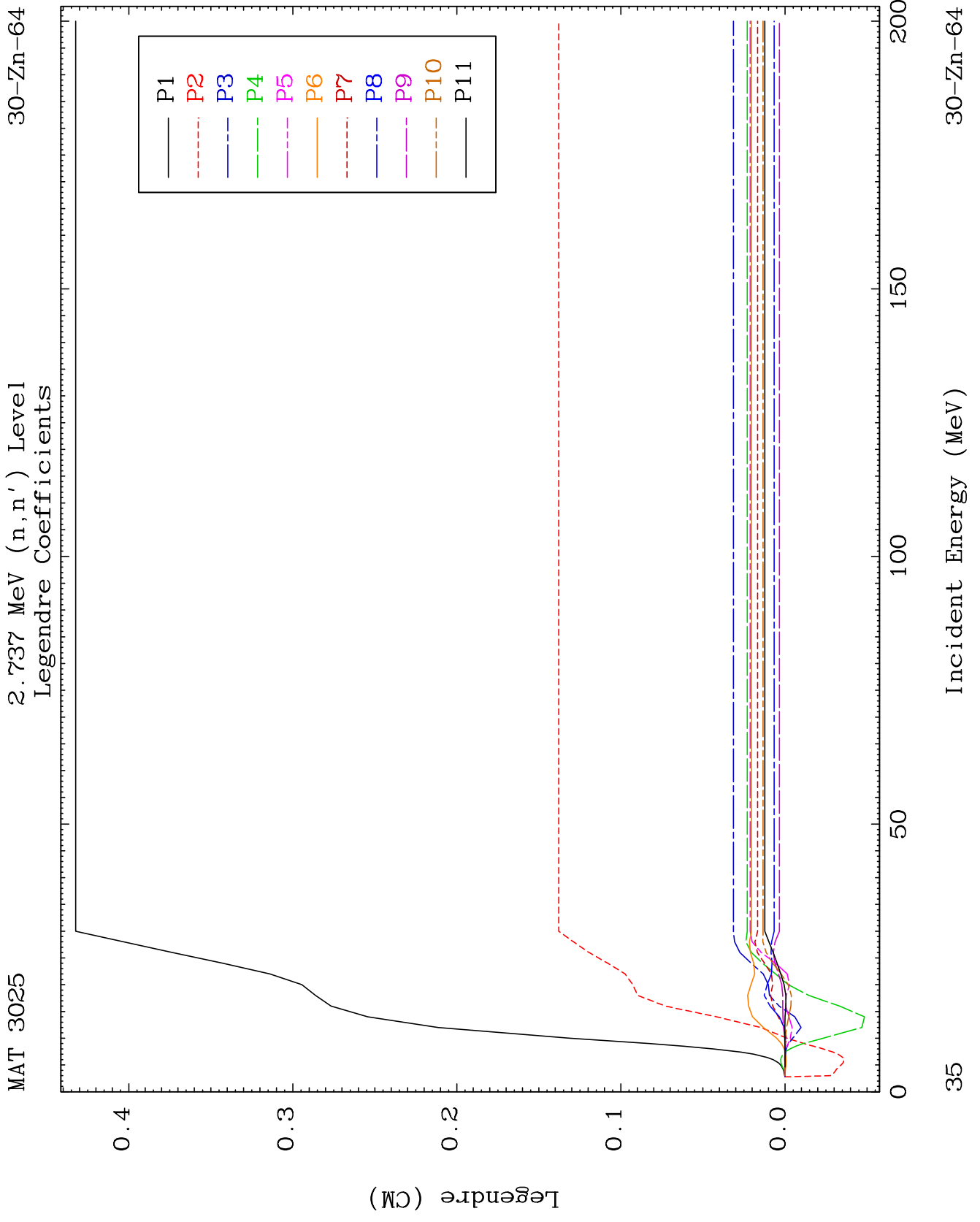


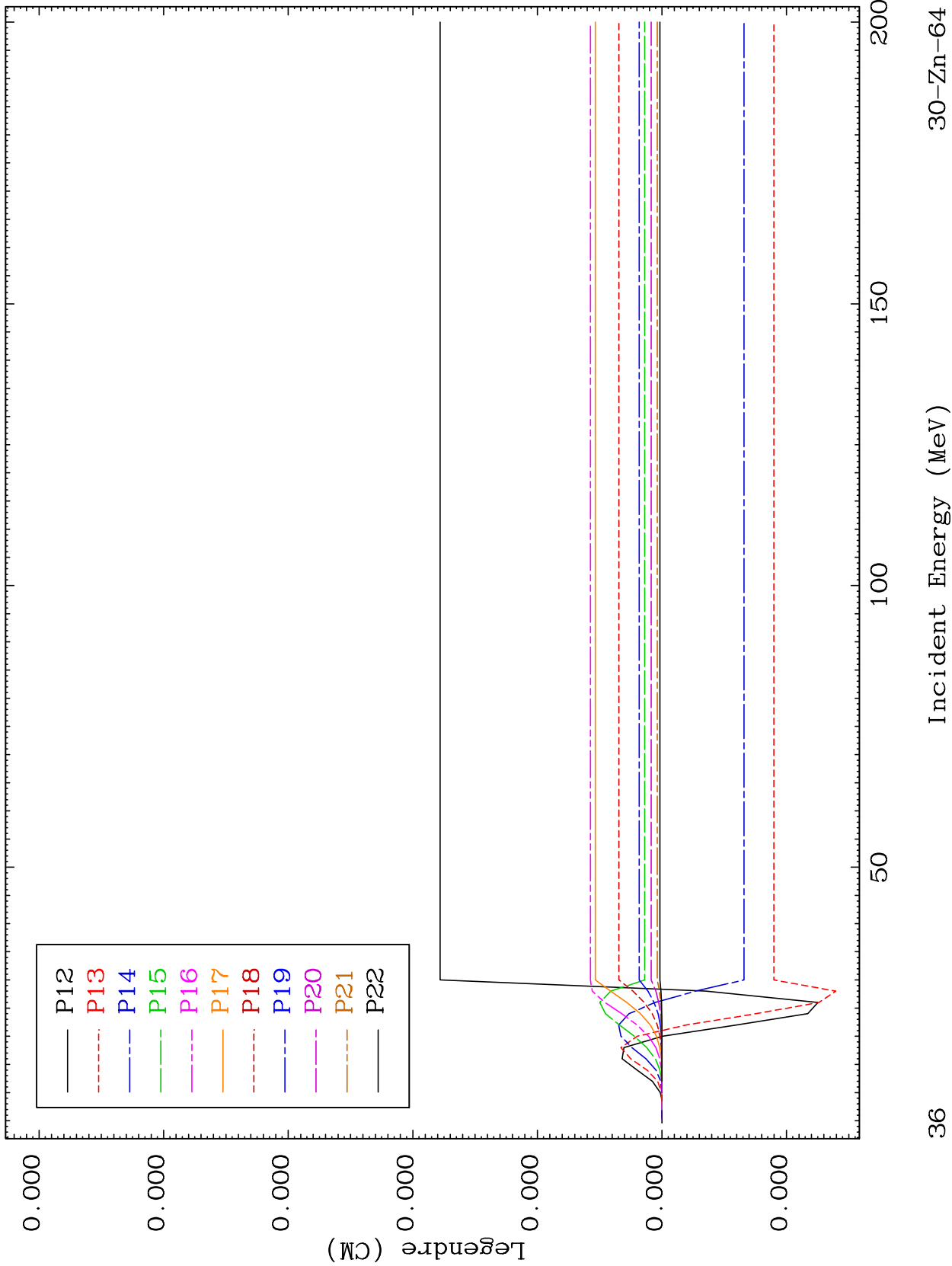


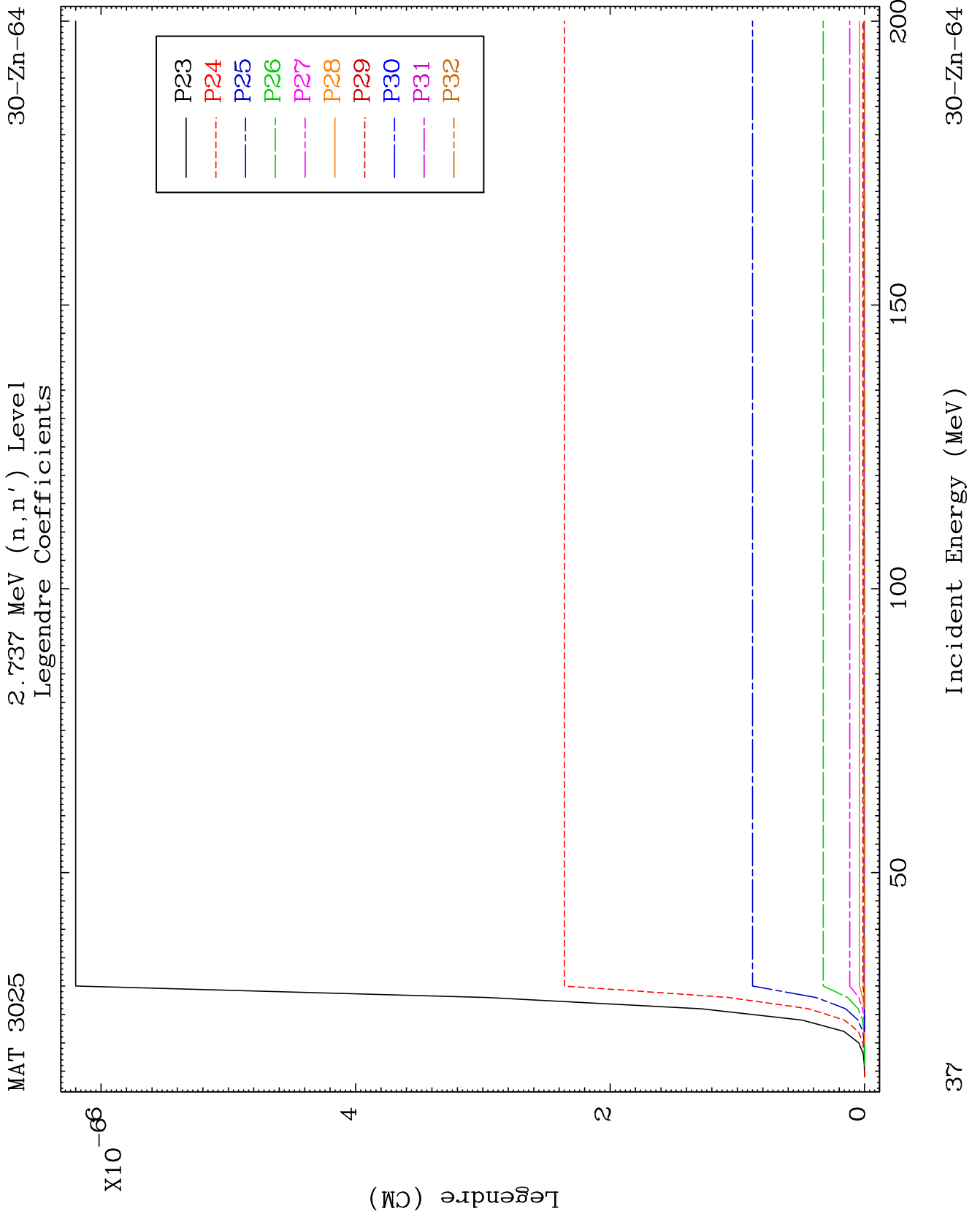


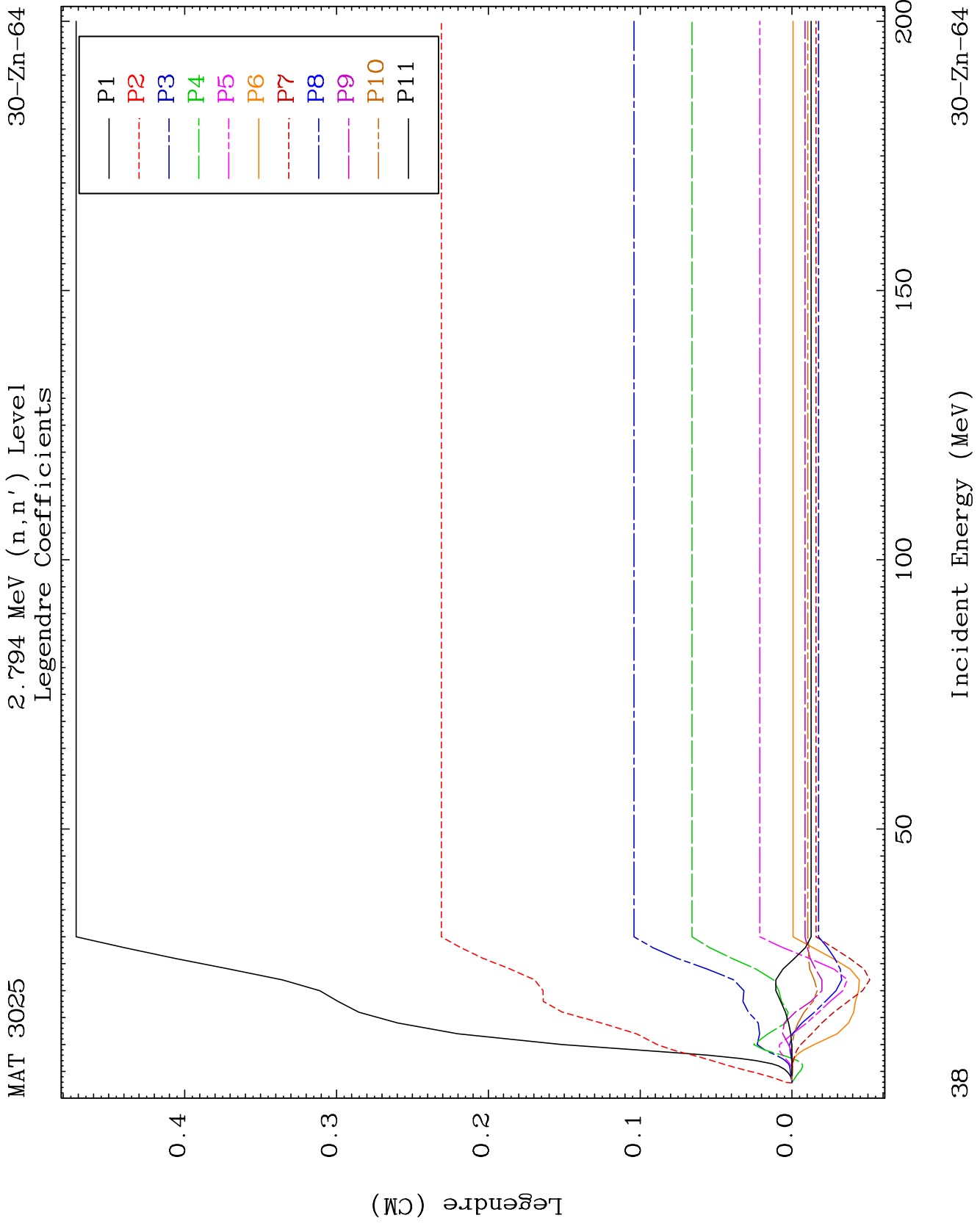


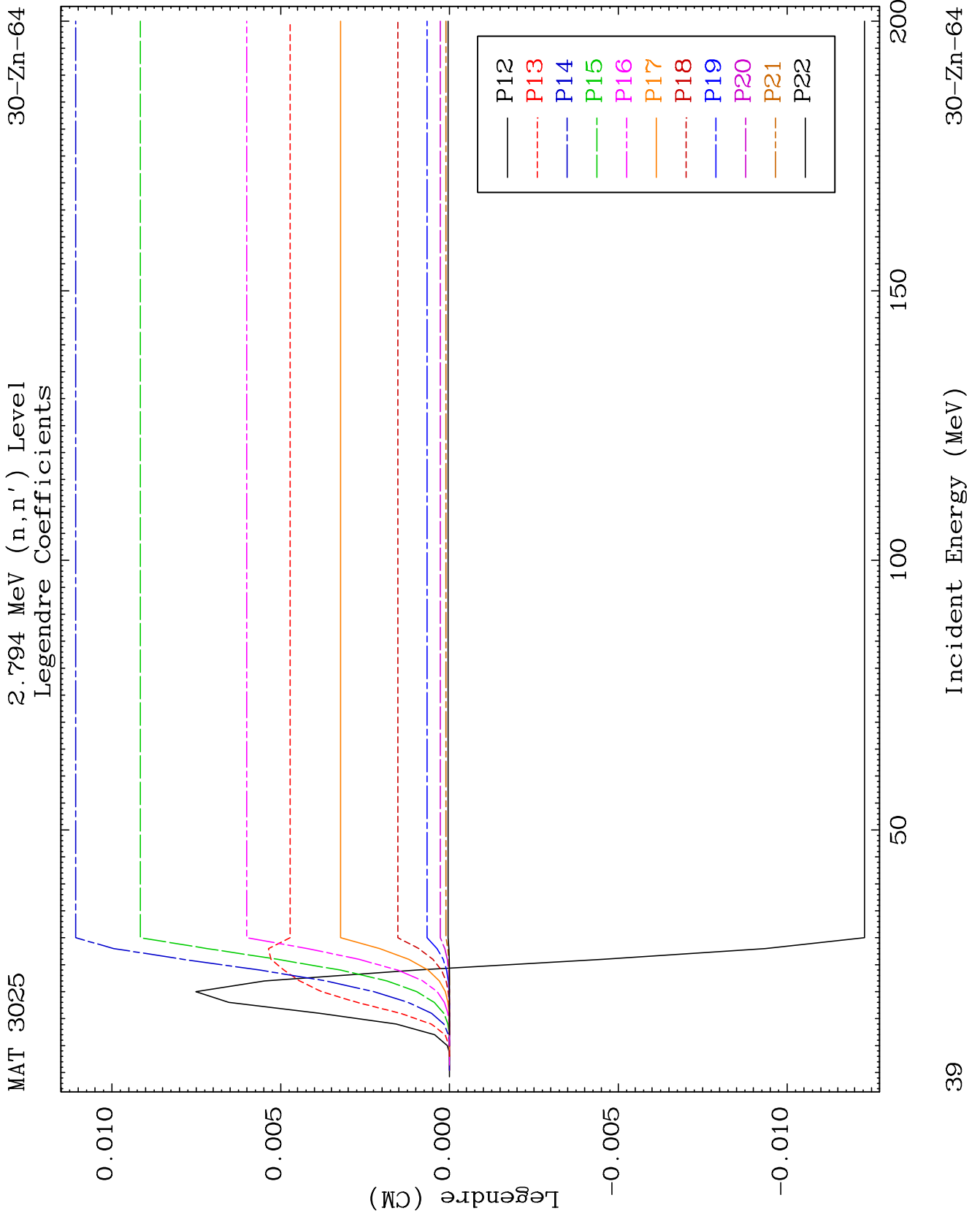




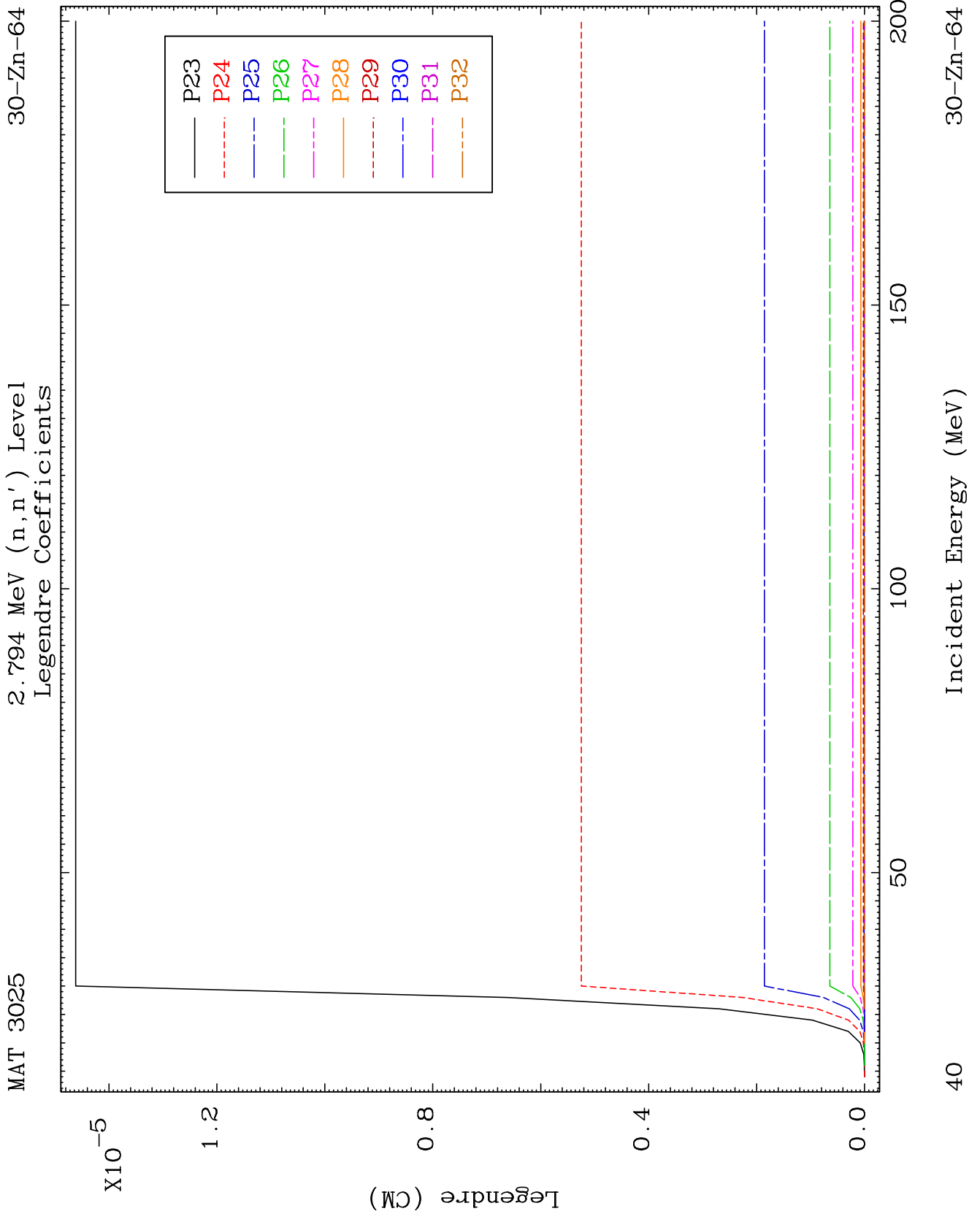


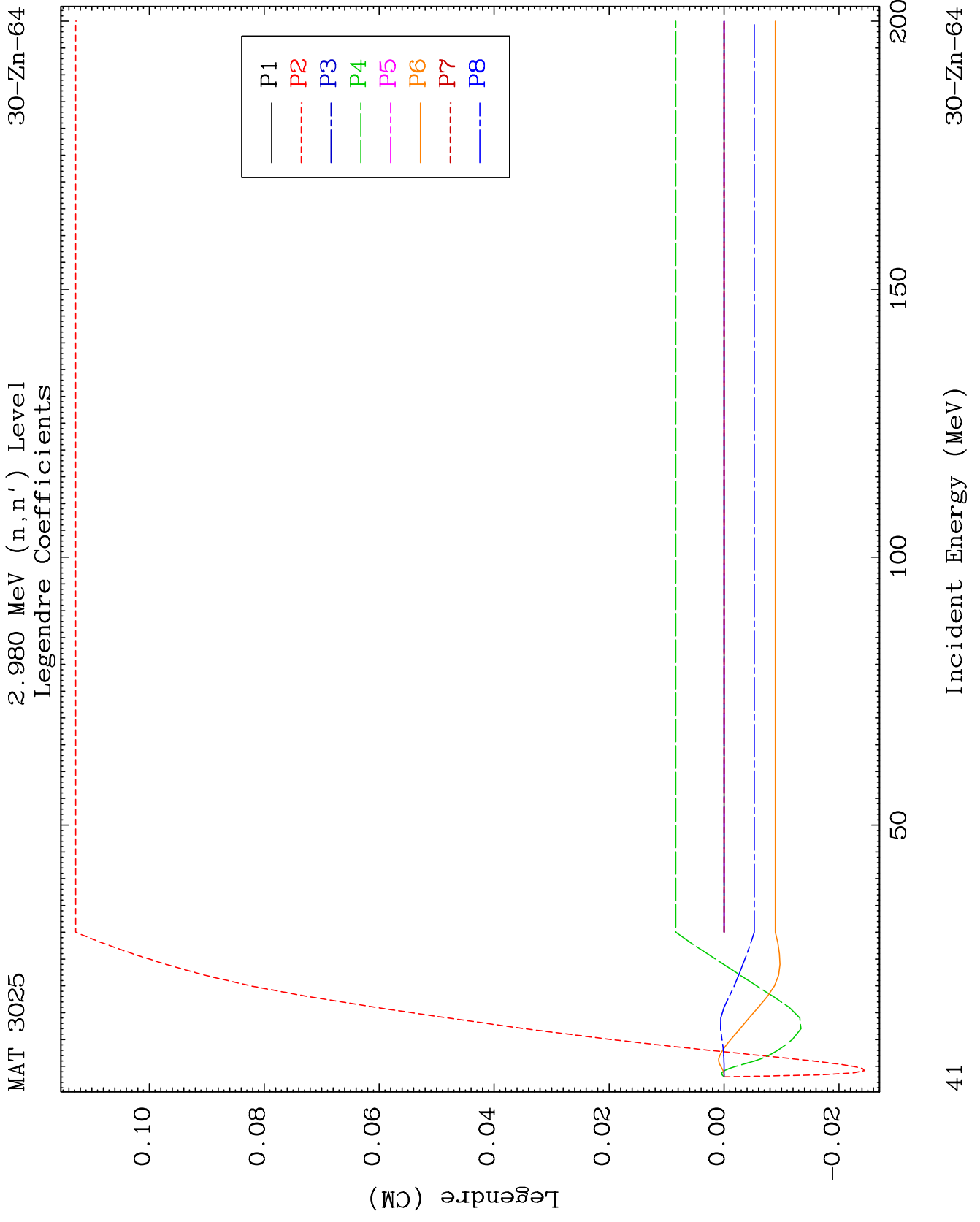


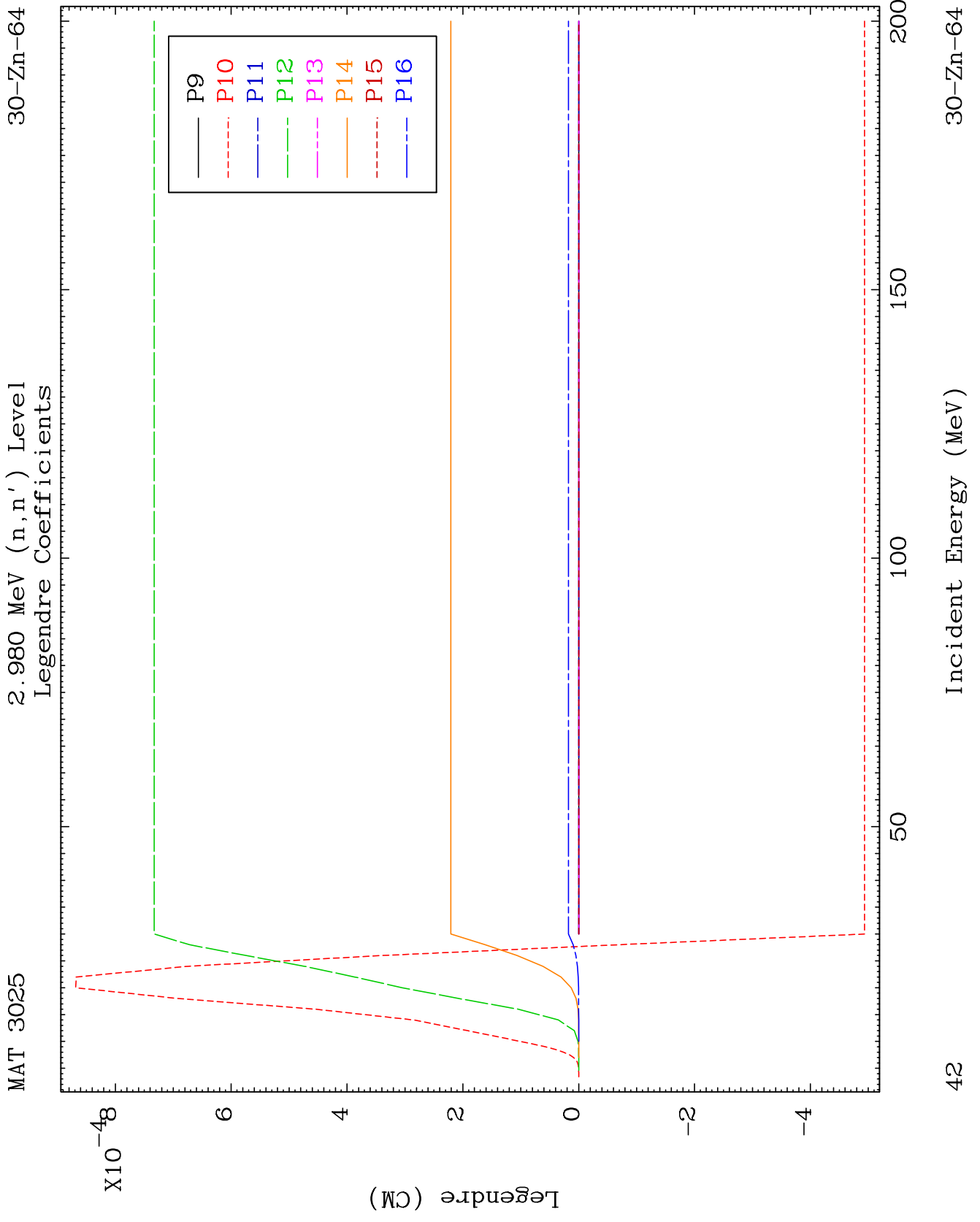




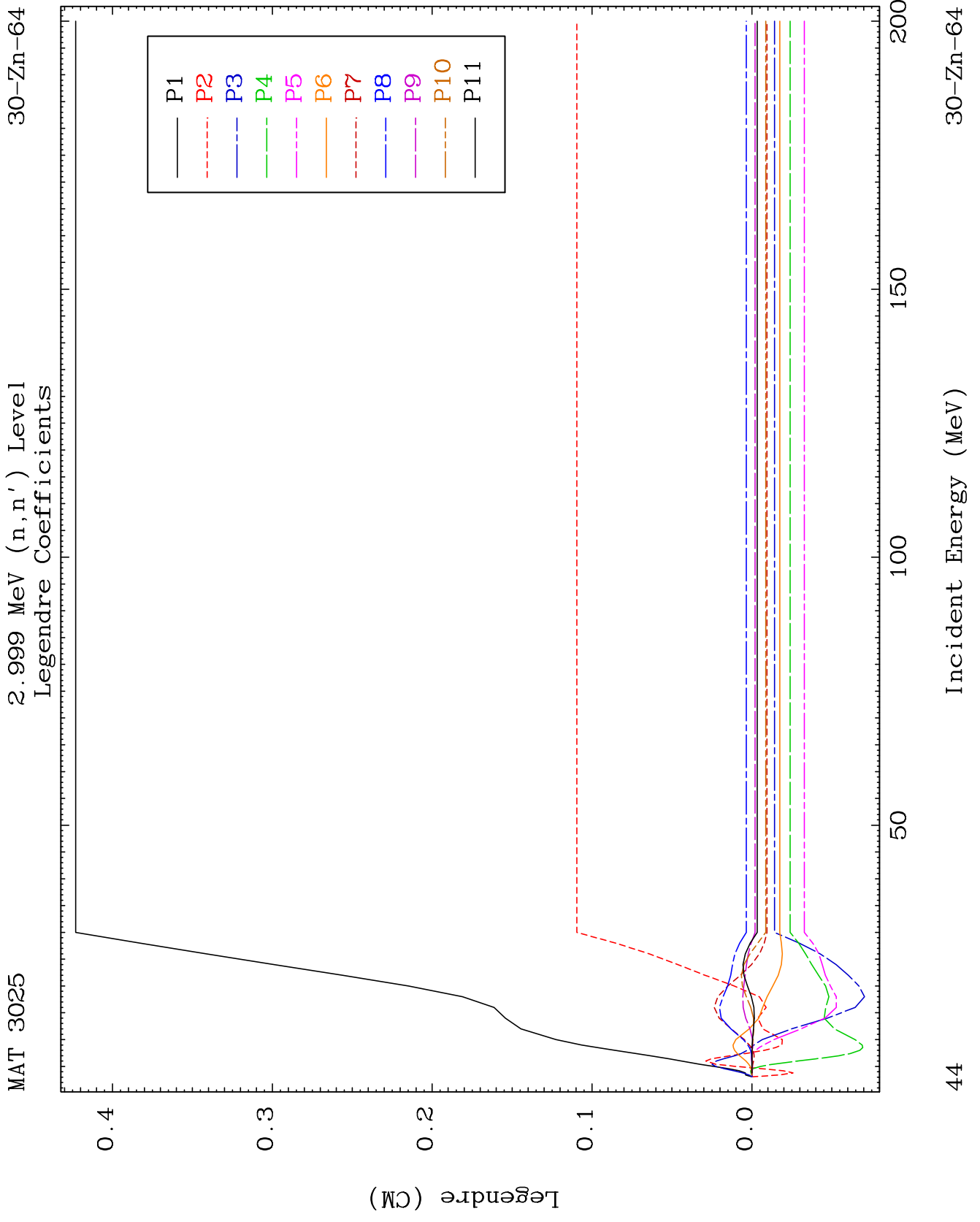








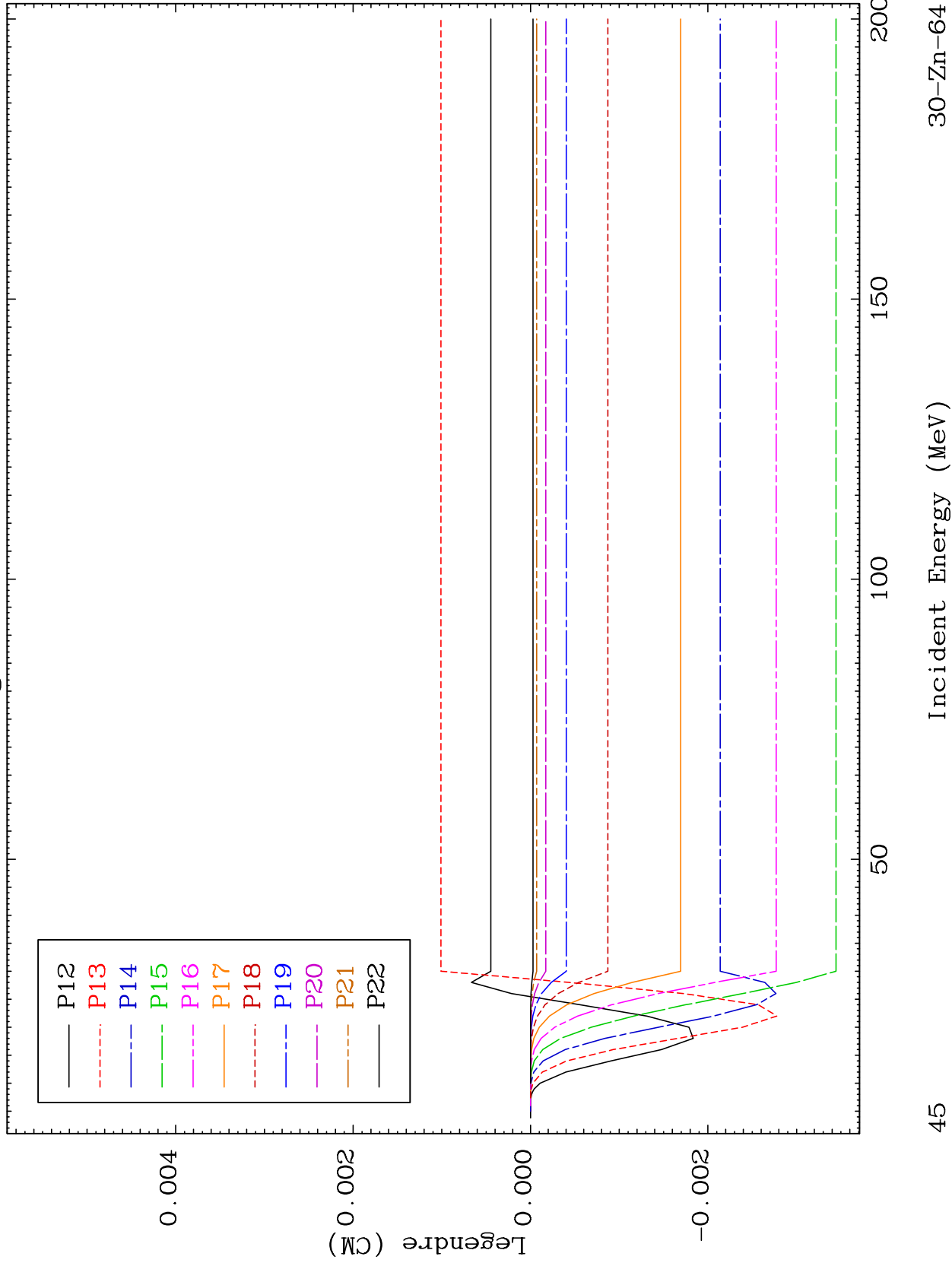




MAT 3025

2.999 MeV (n,n') Level  
Legendre Coefficients

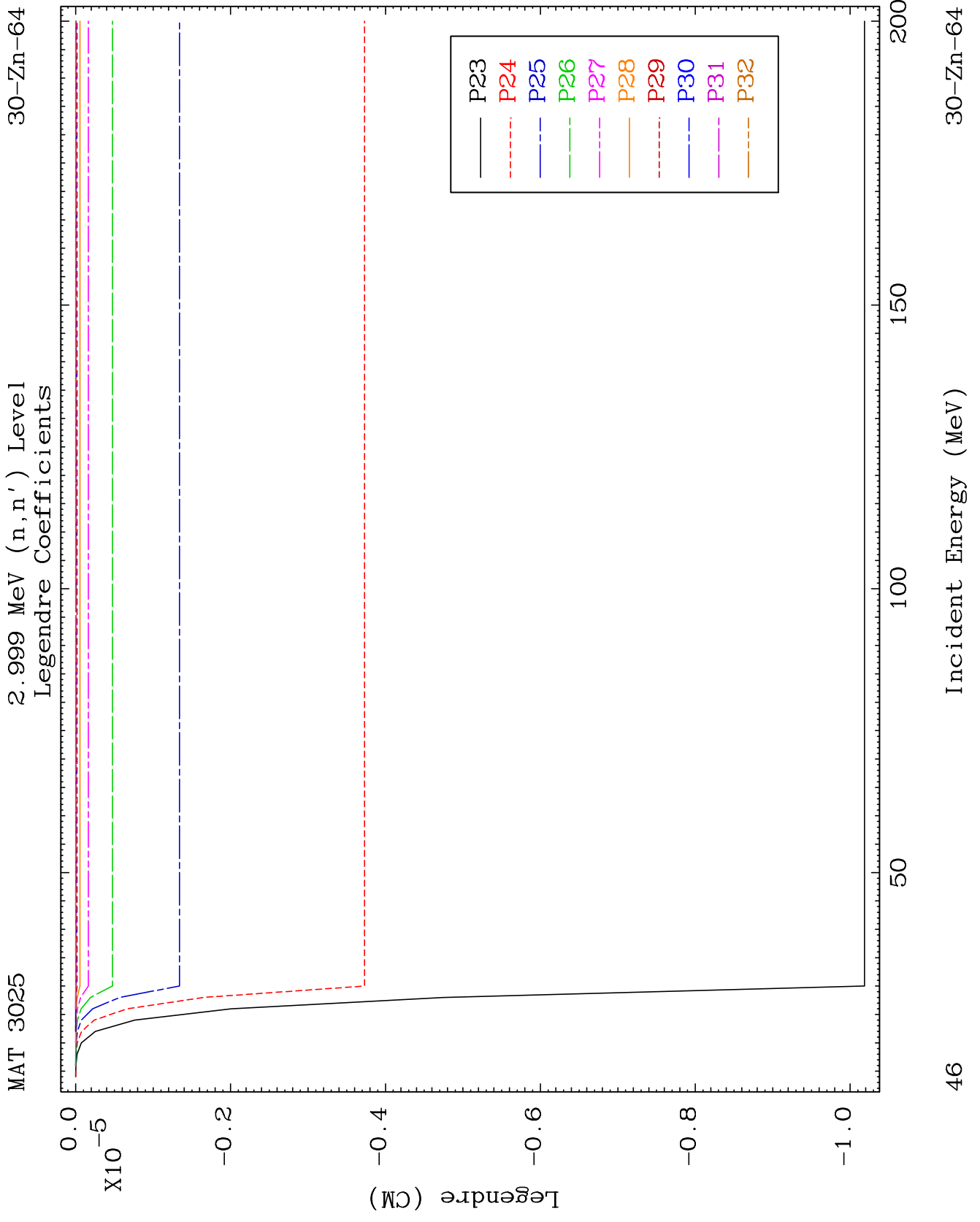
30-Zn-64

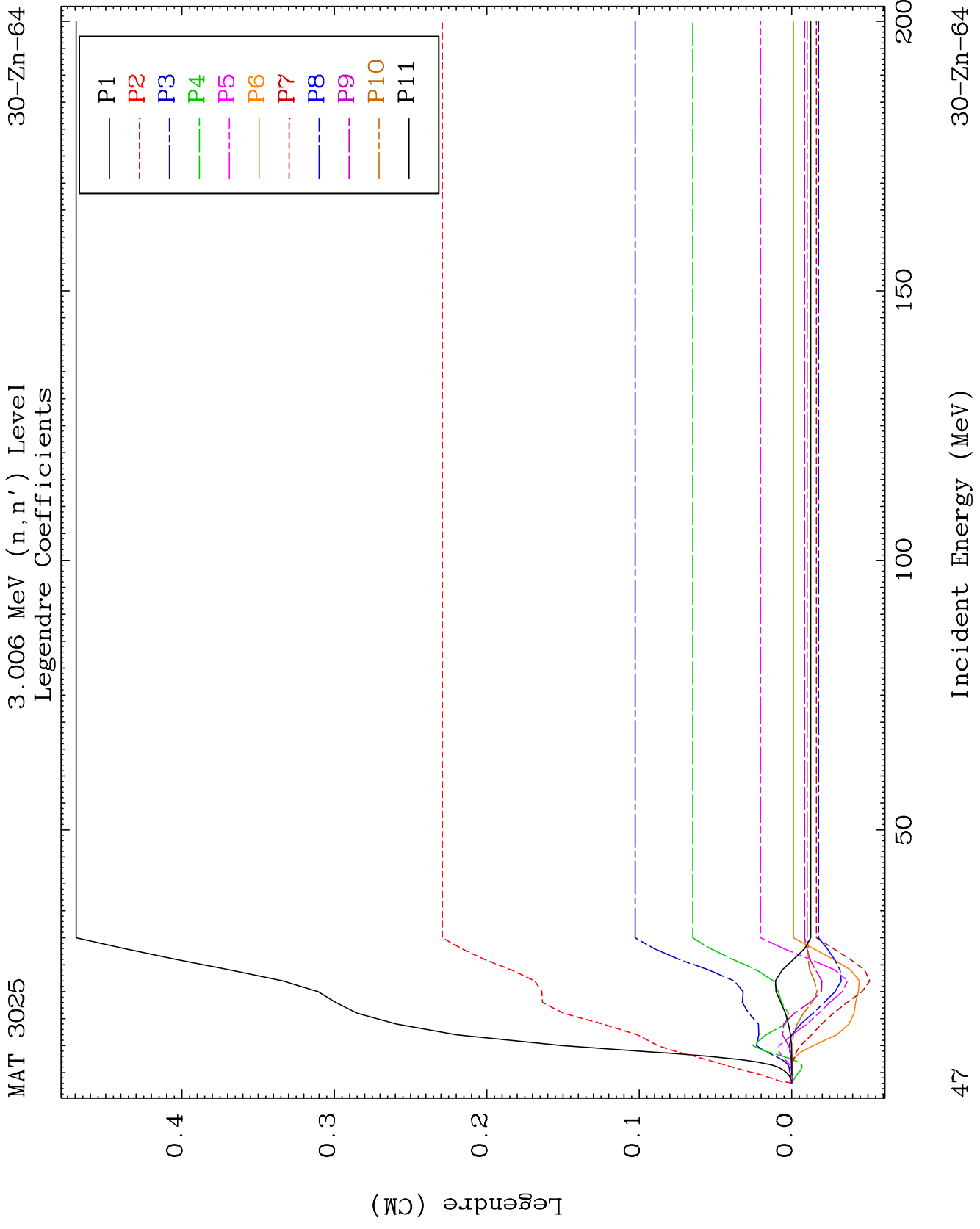


45

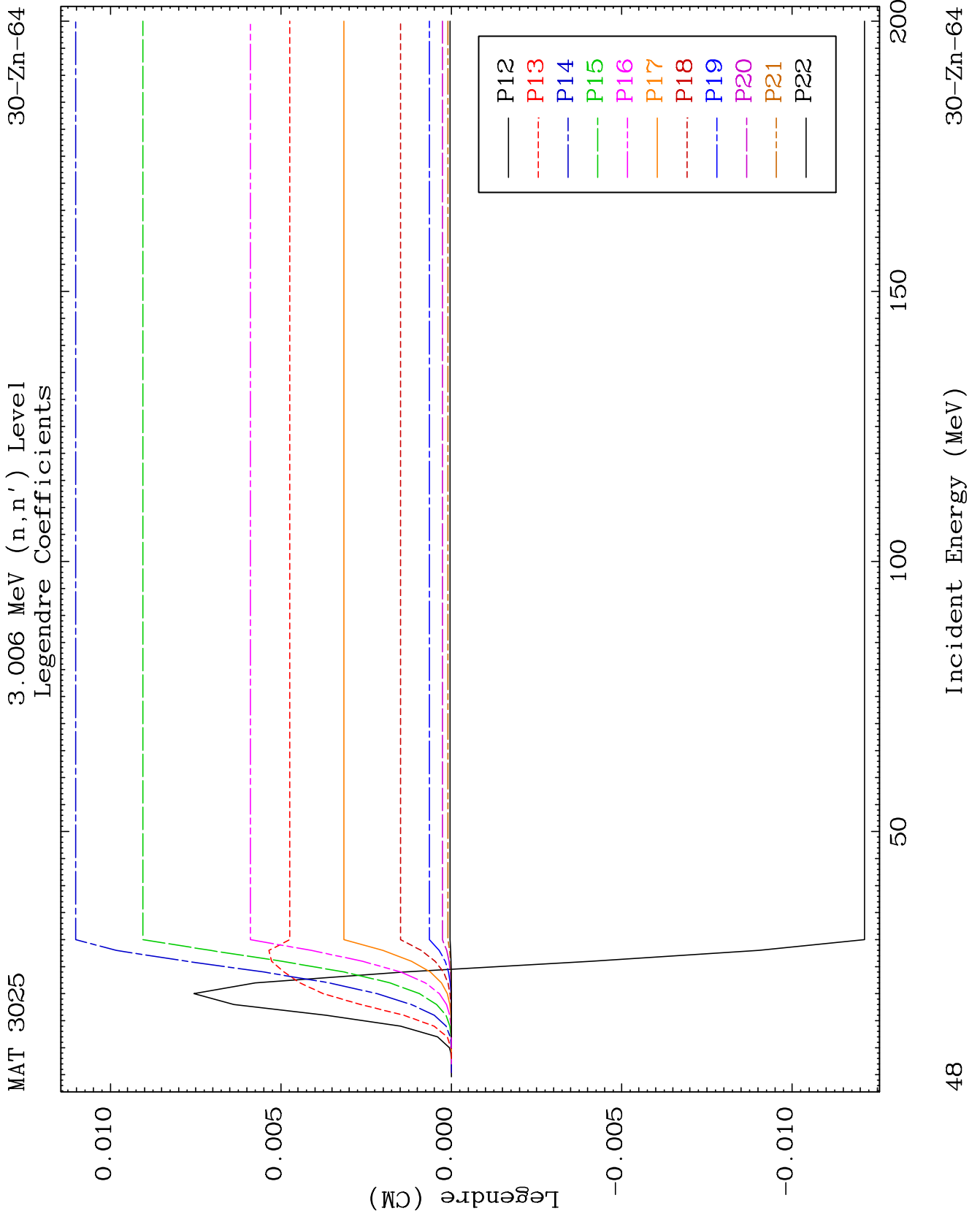
Incident Energy (MeV)

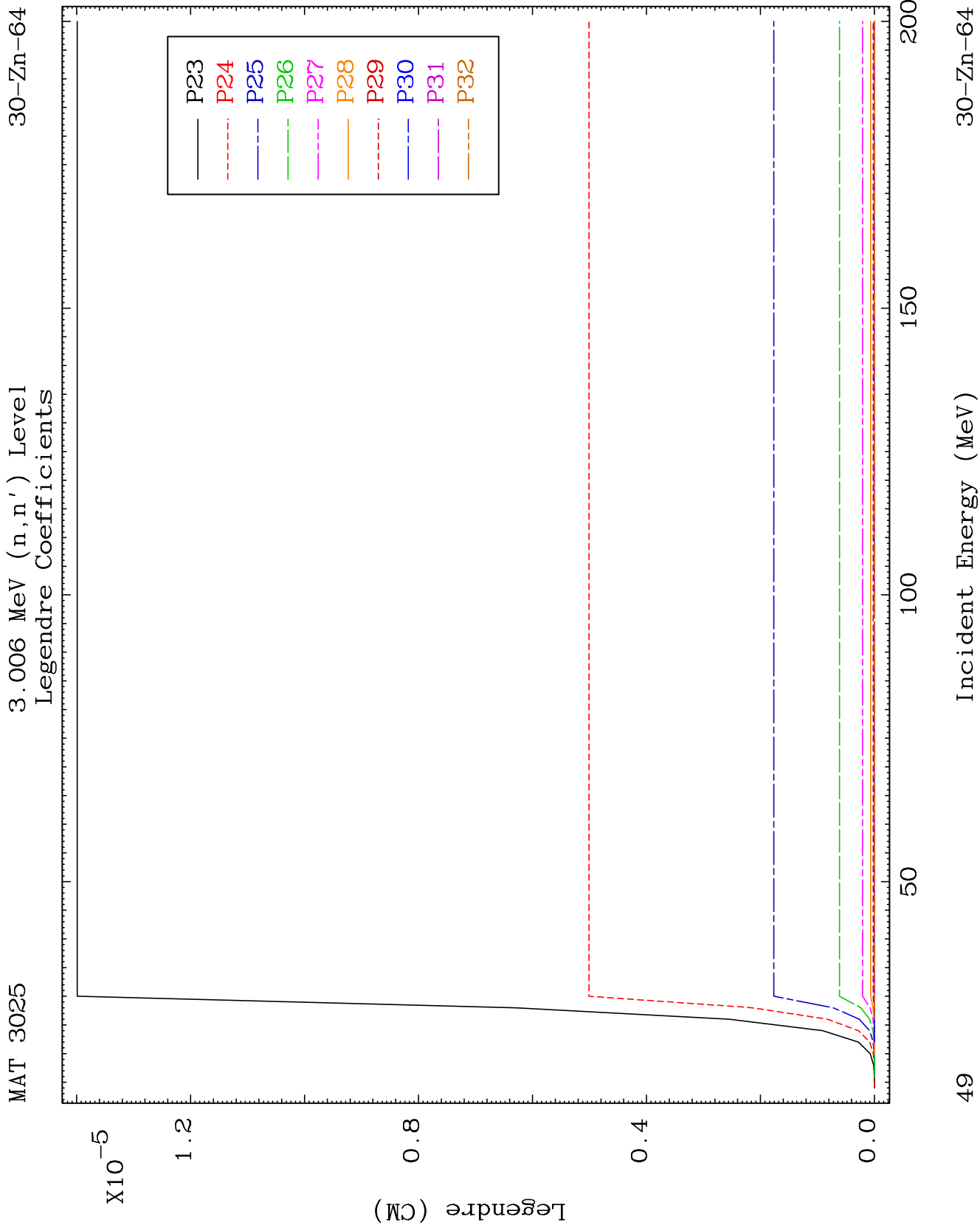
30-Zn-64

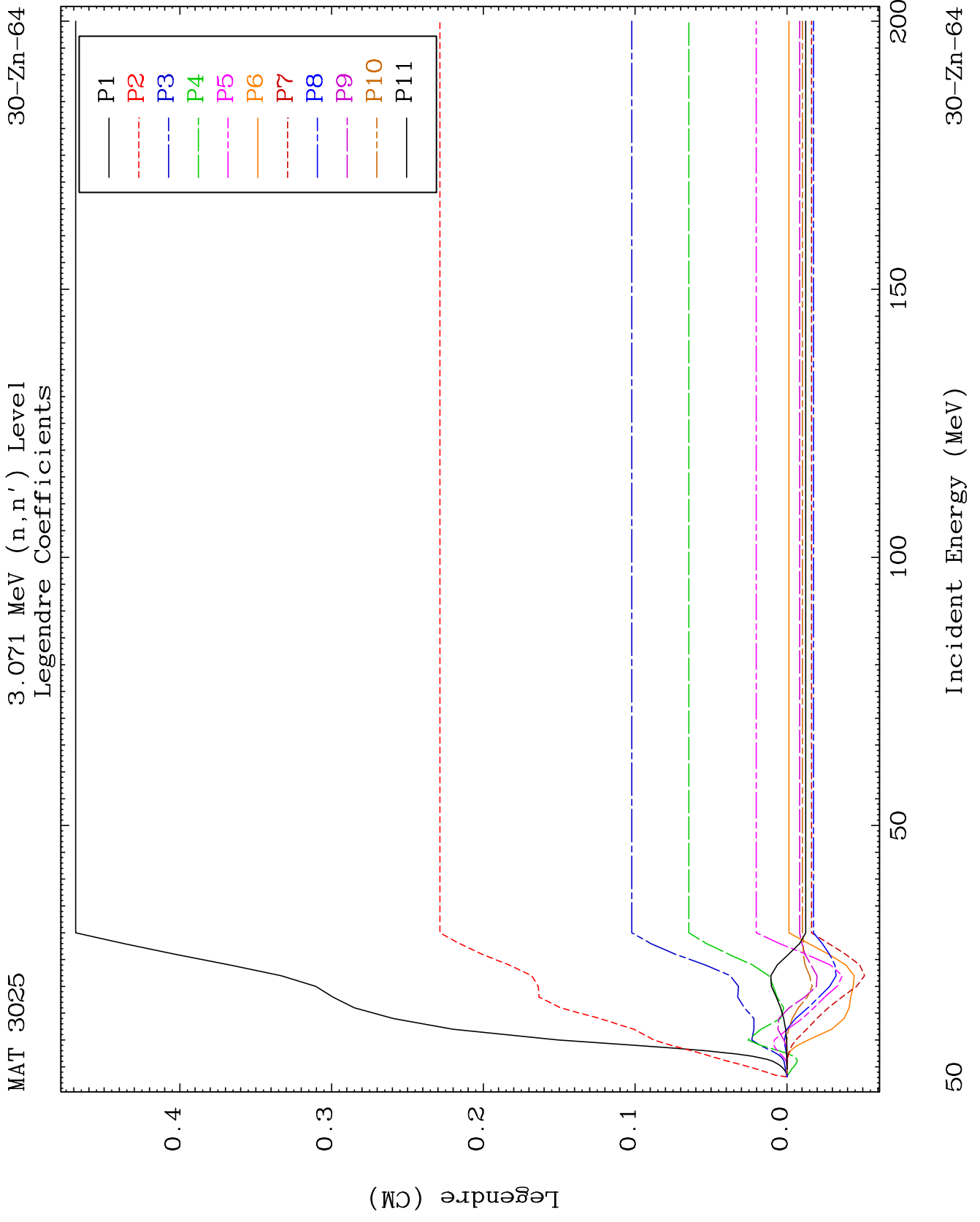


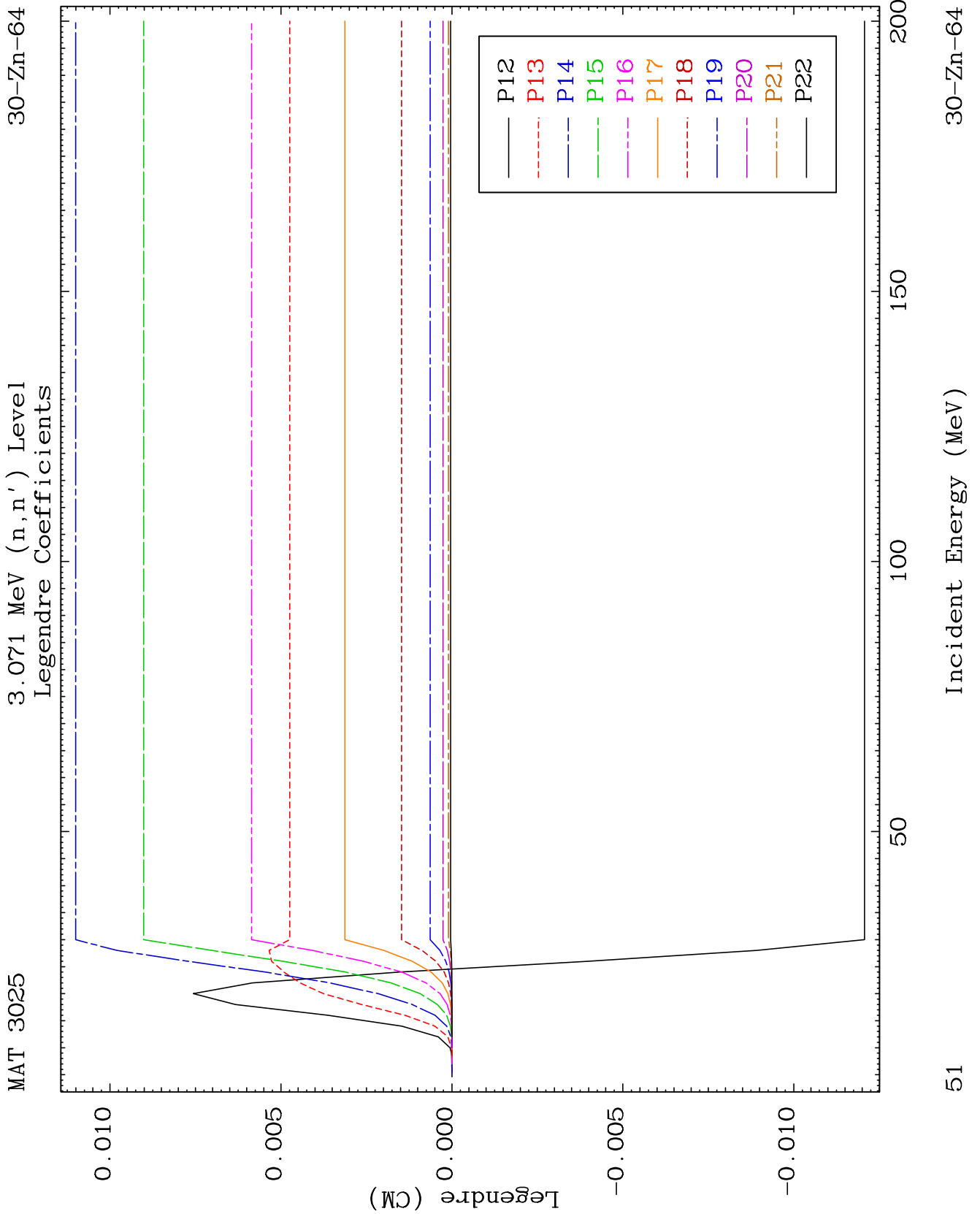


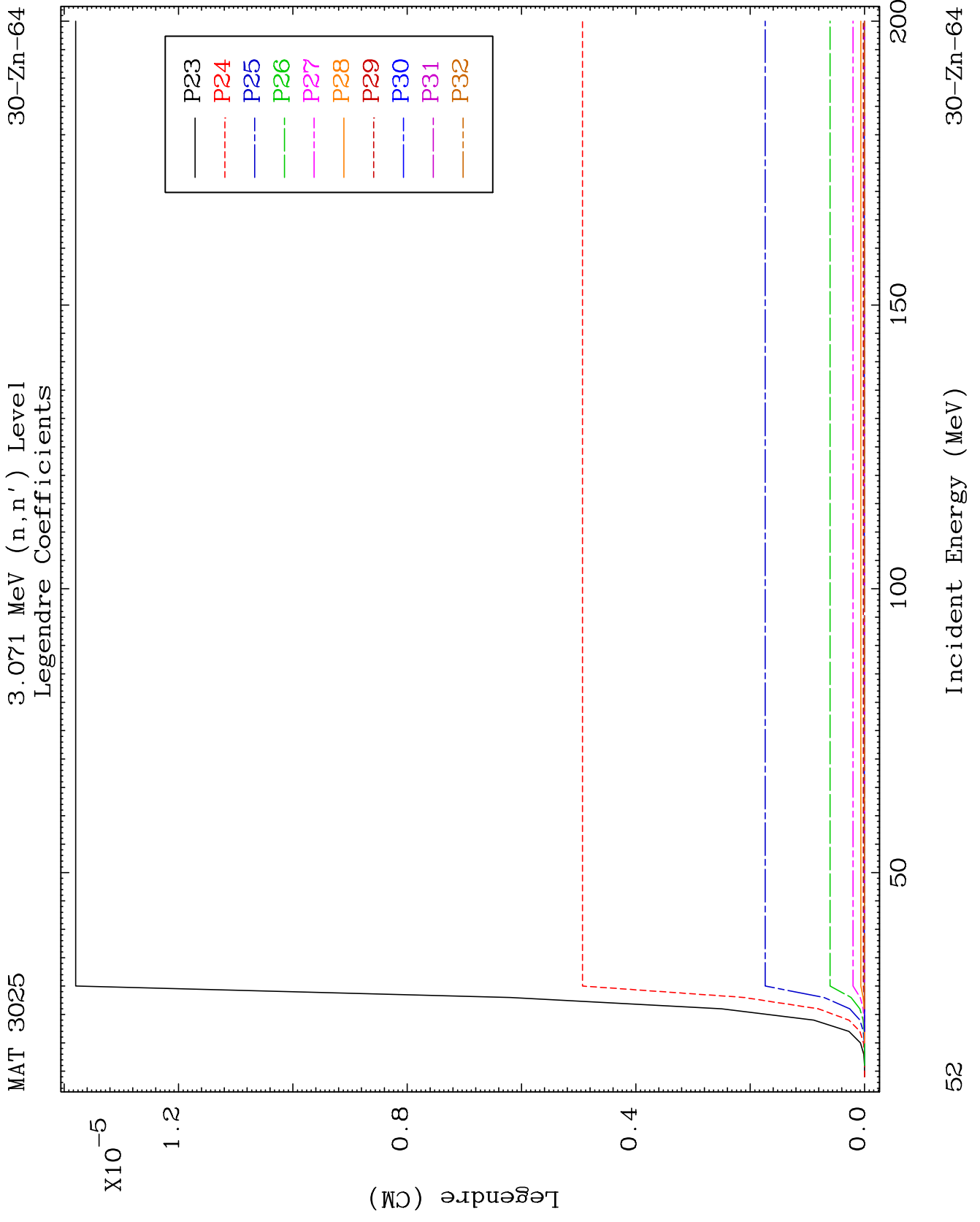


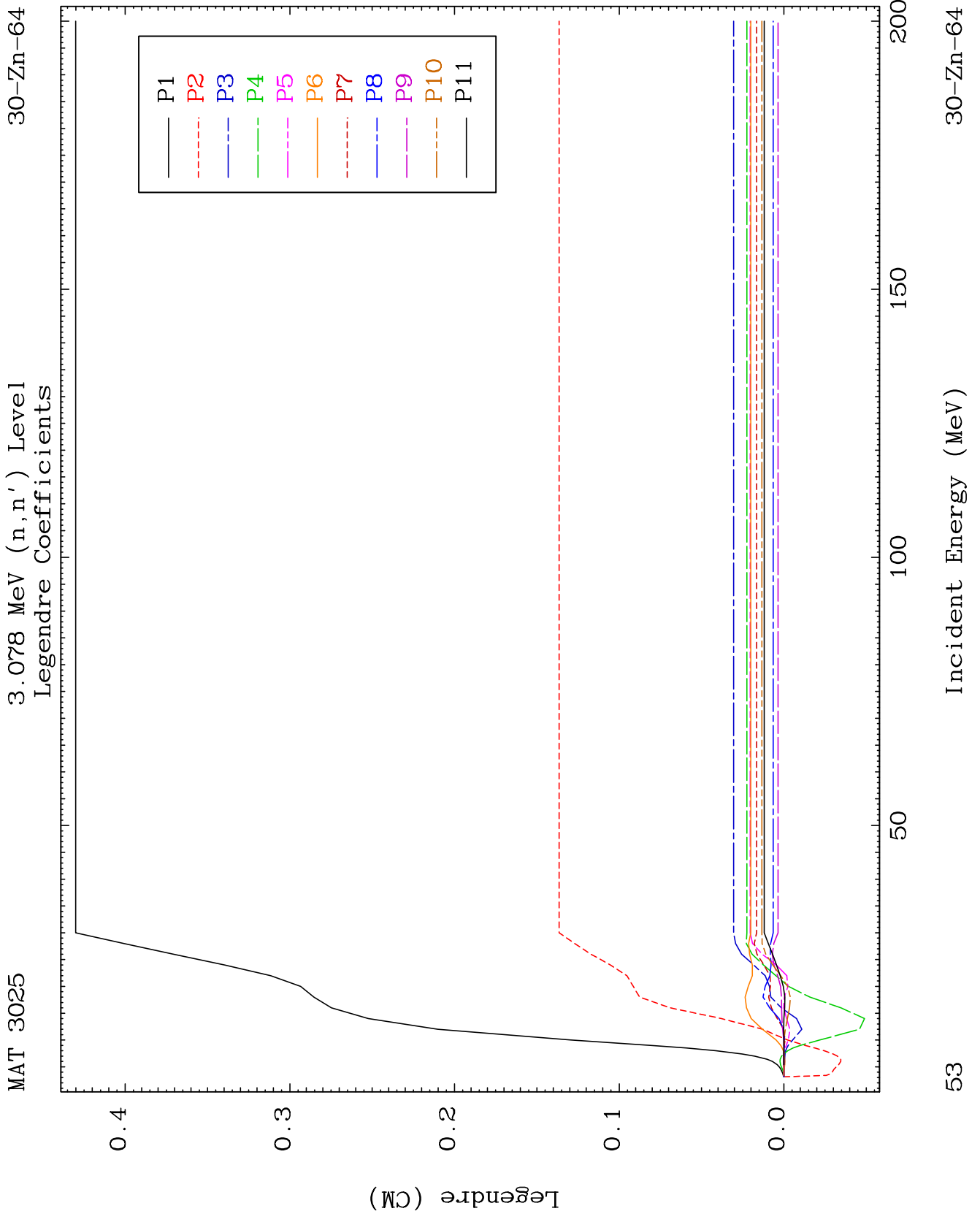








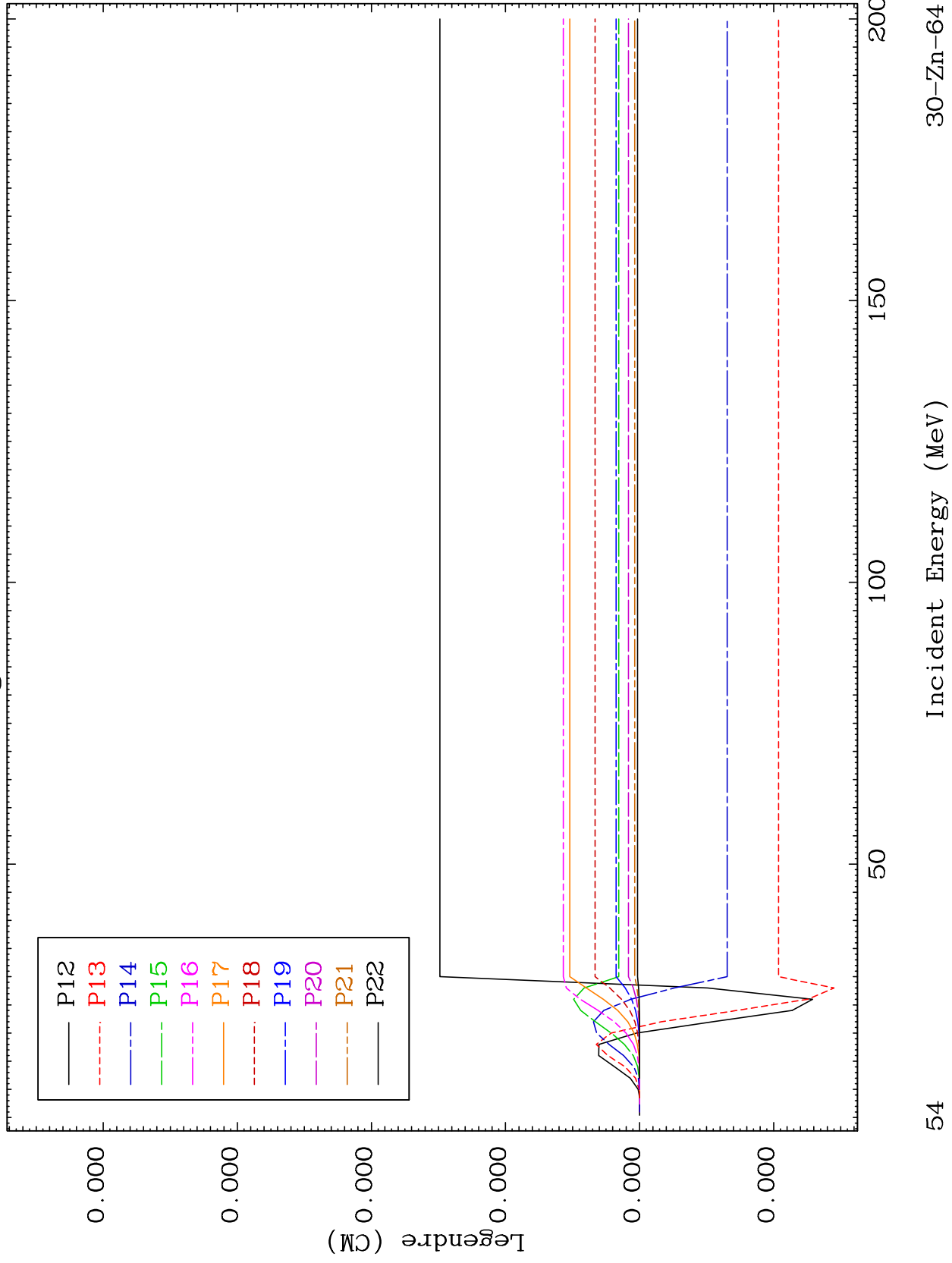




MAT 3025

3.078 MeV (n, n') Level  
Legendre Coefficients

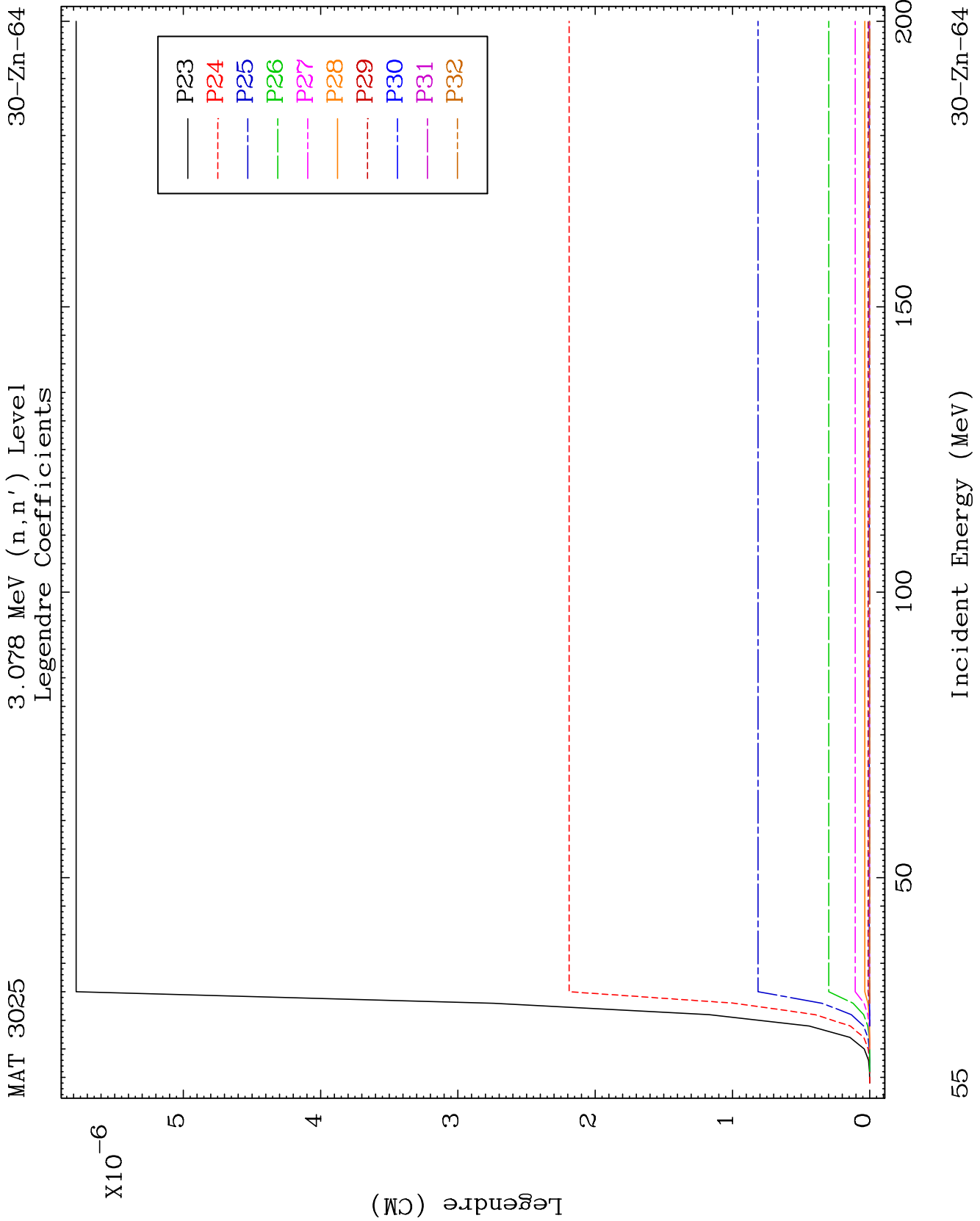
30-Zn-64



54

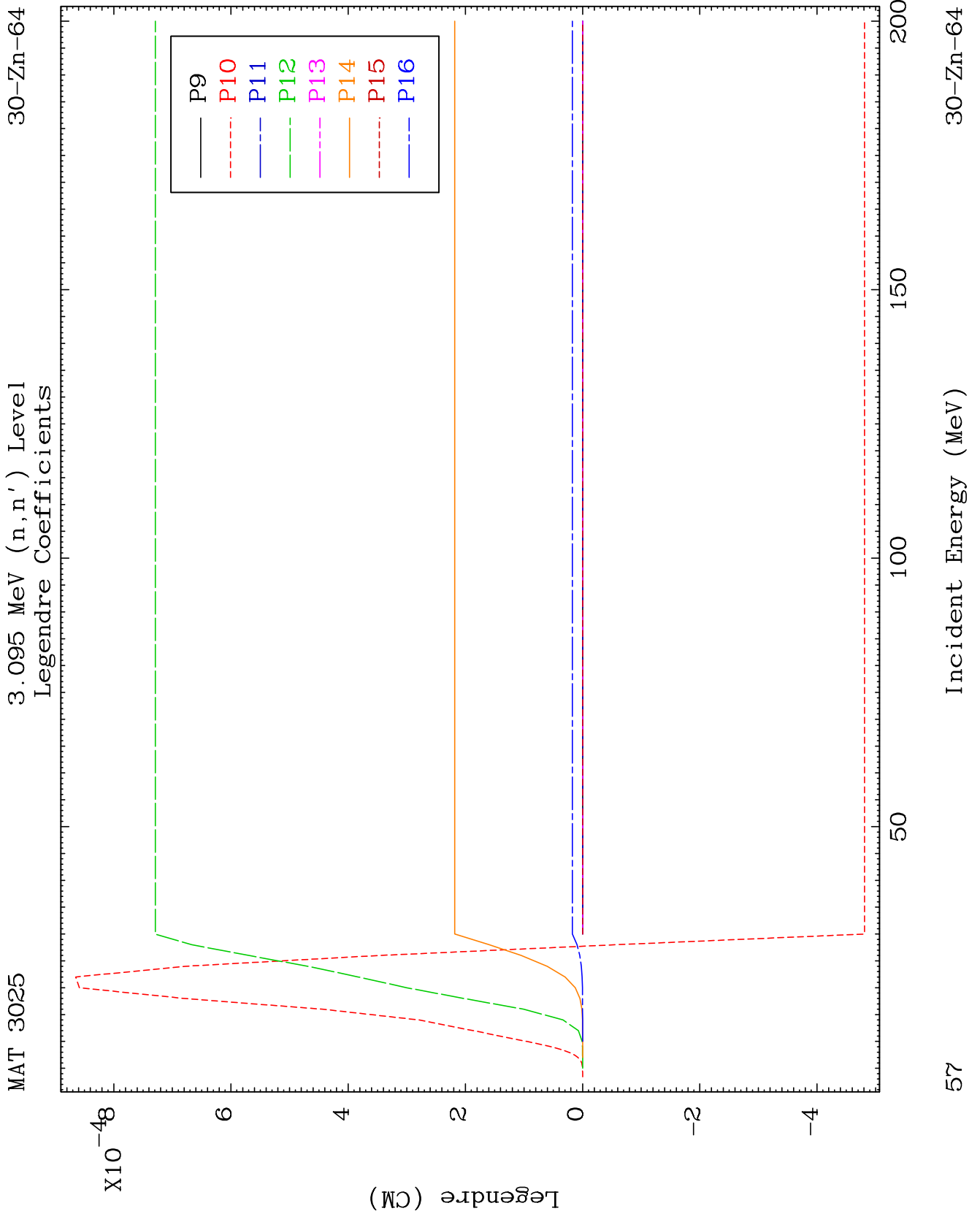
Incident Energy (MeV)

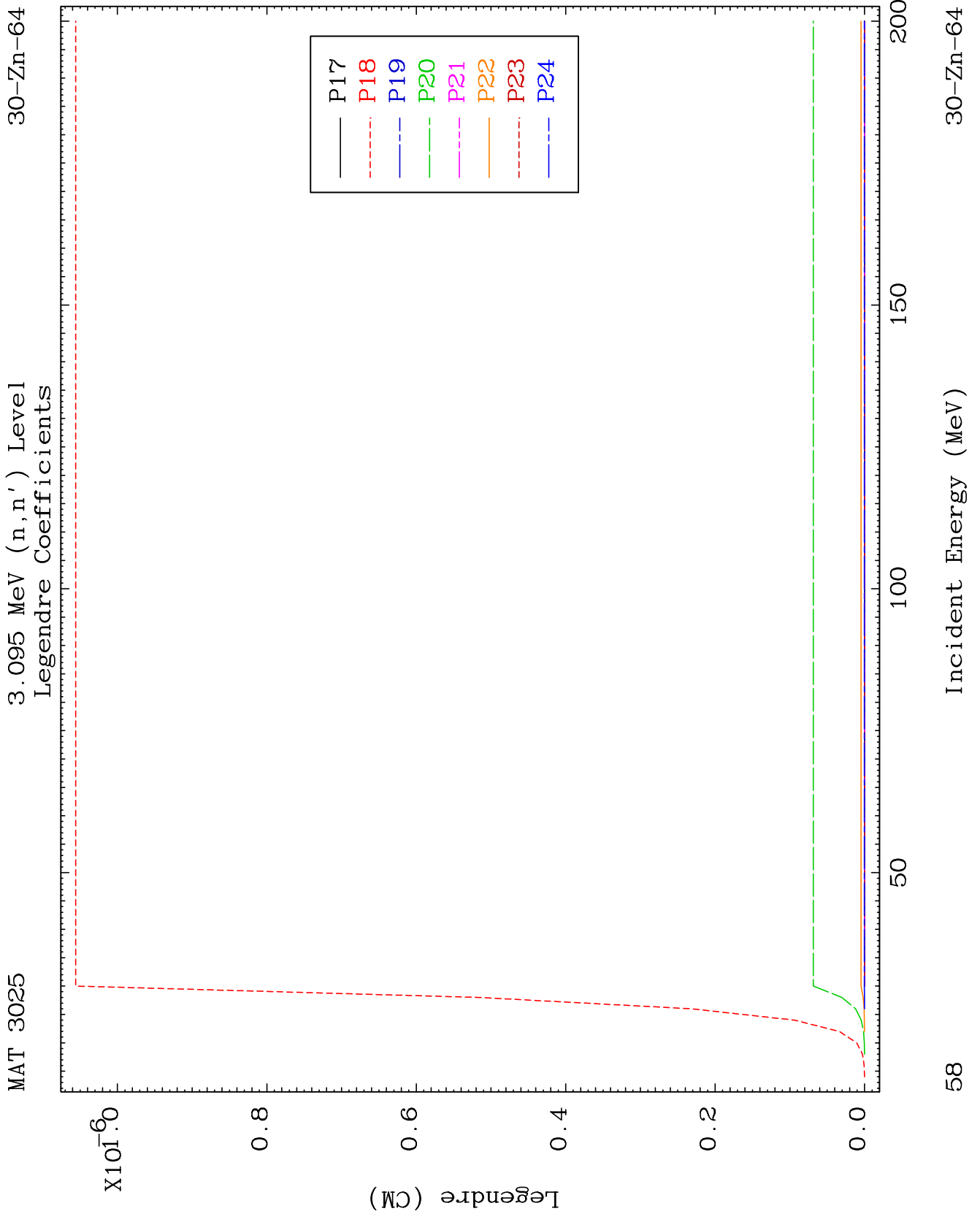
30-Zn-64

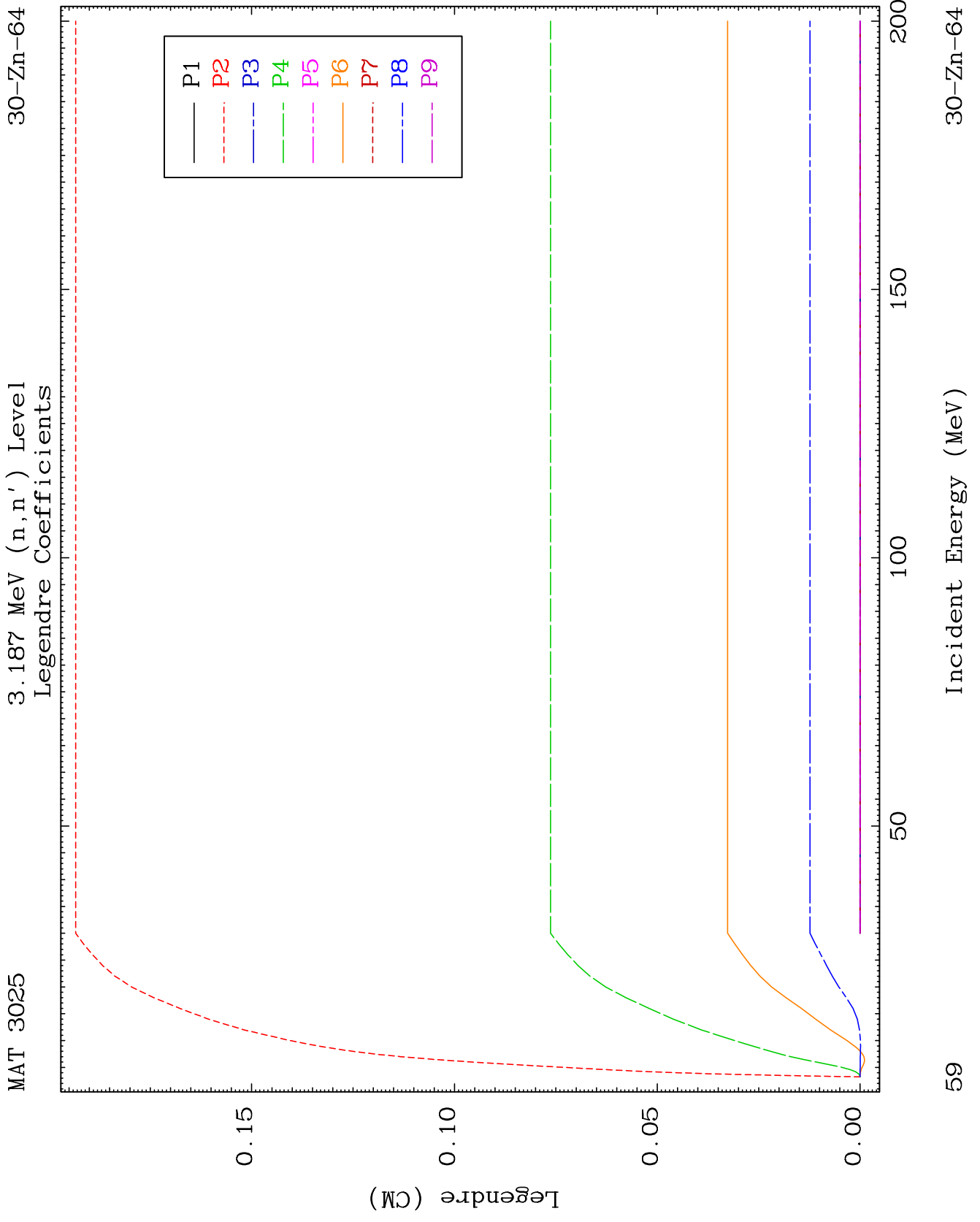


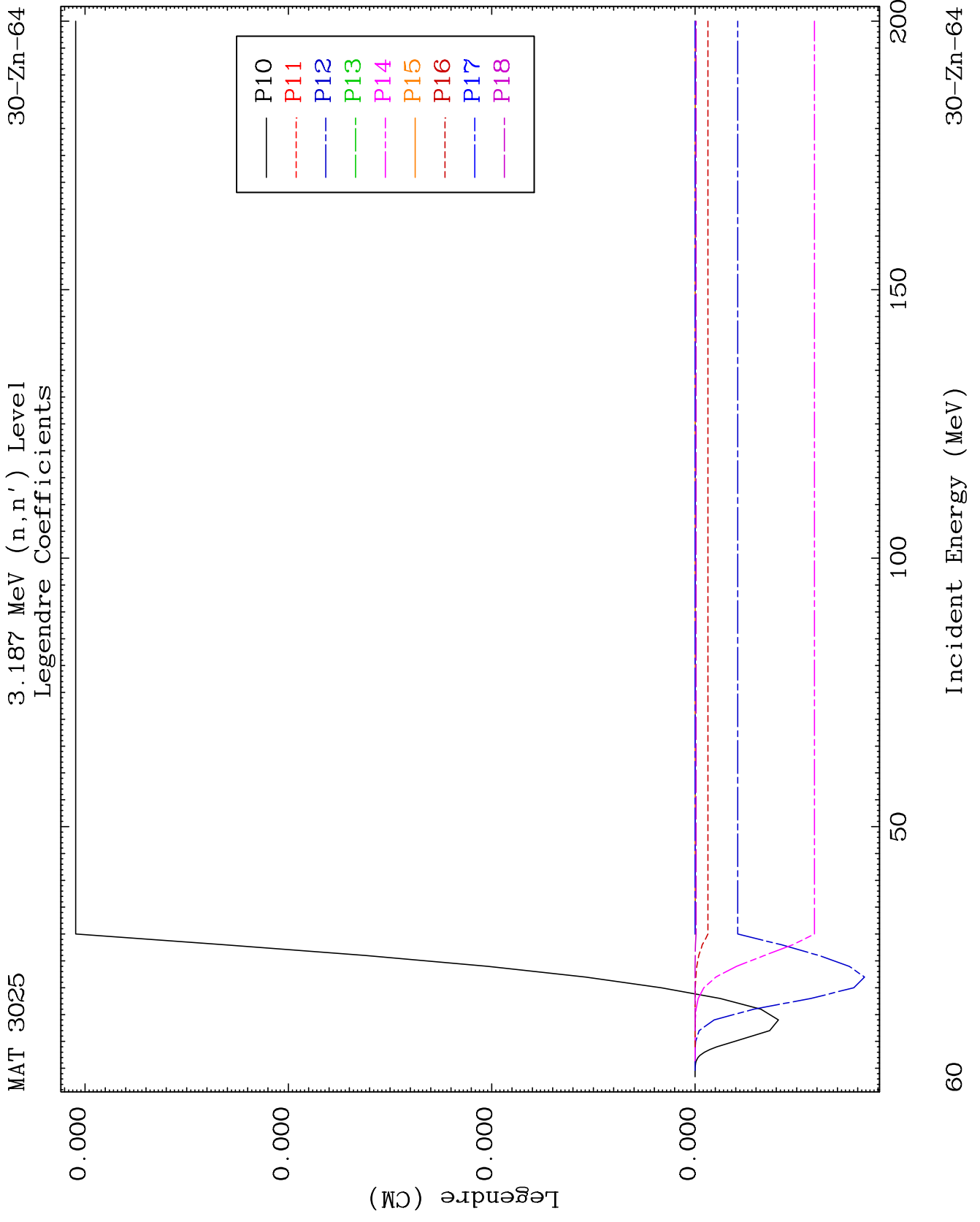


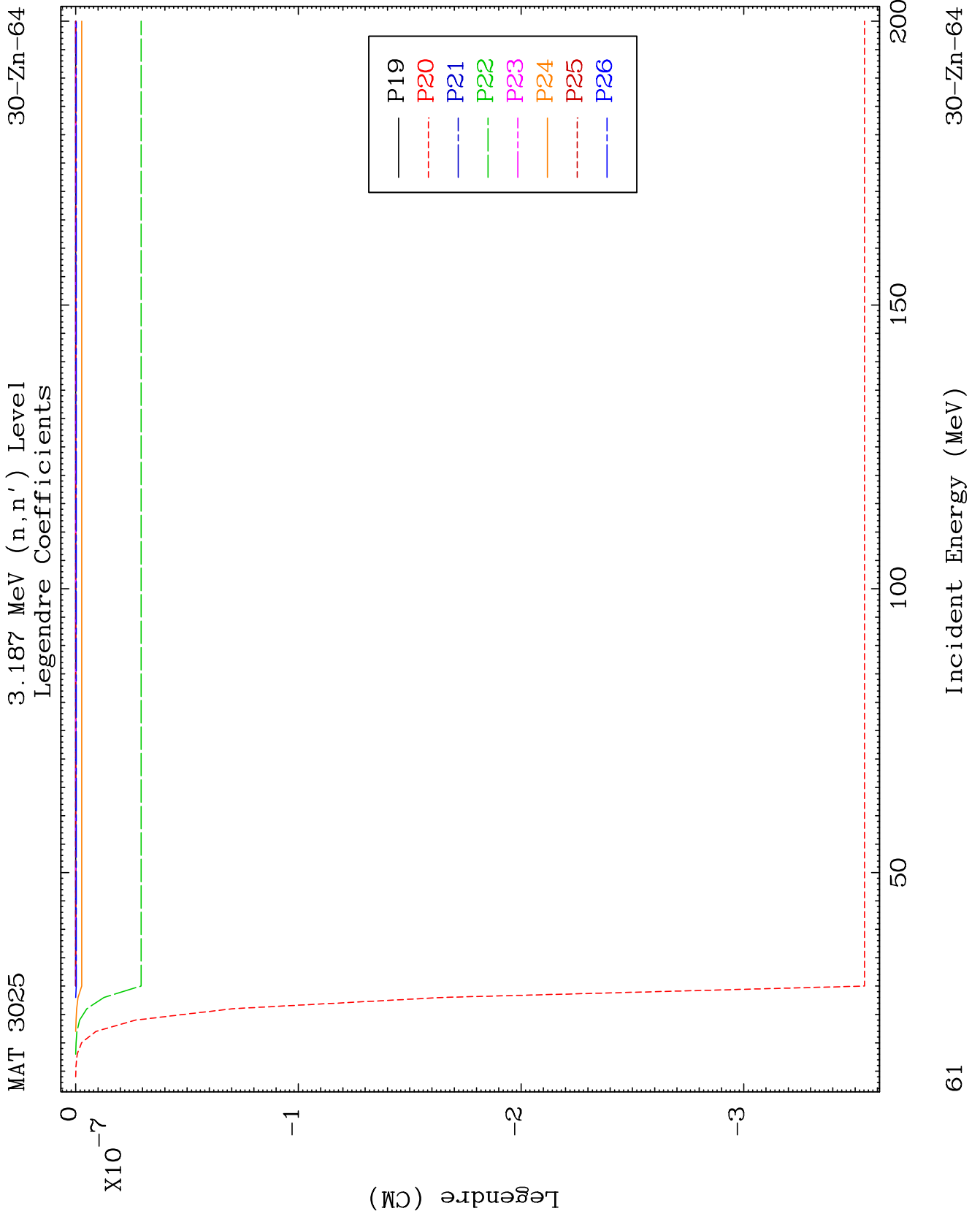


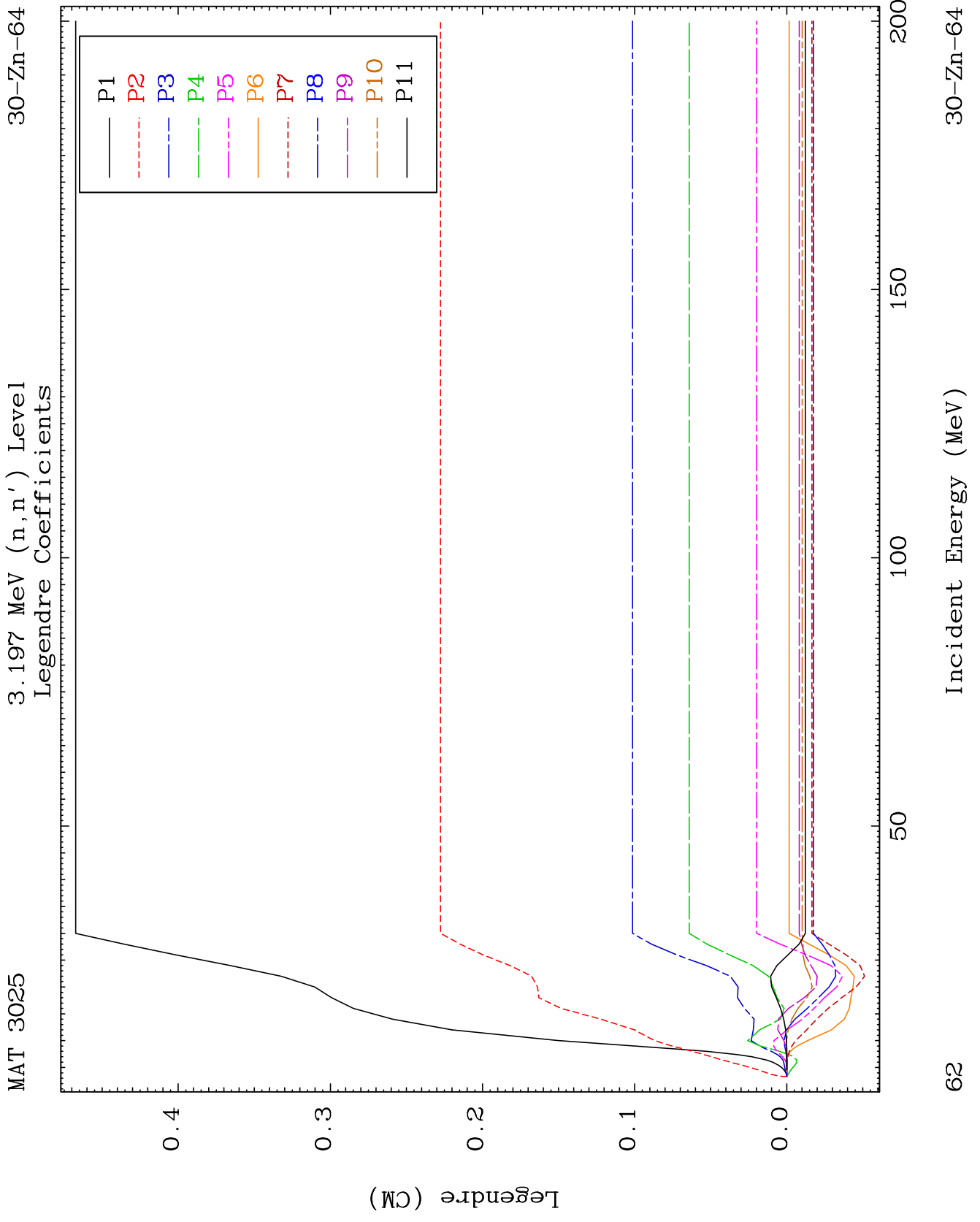


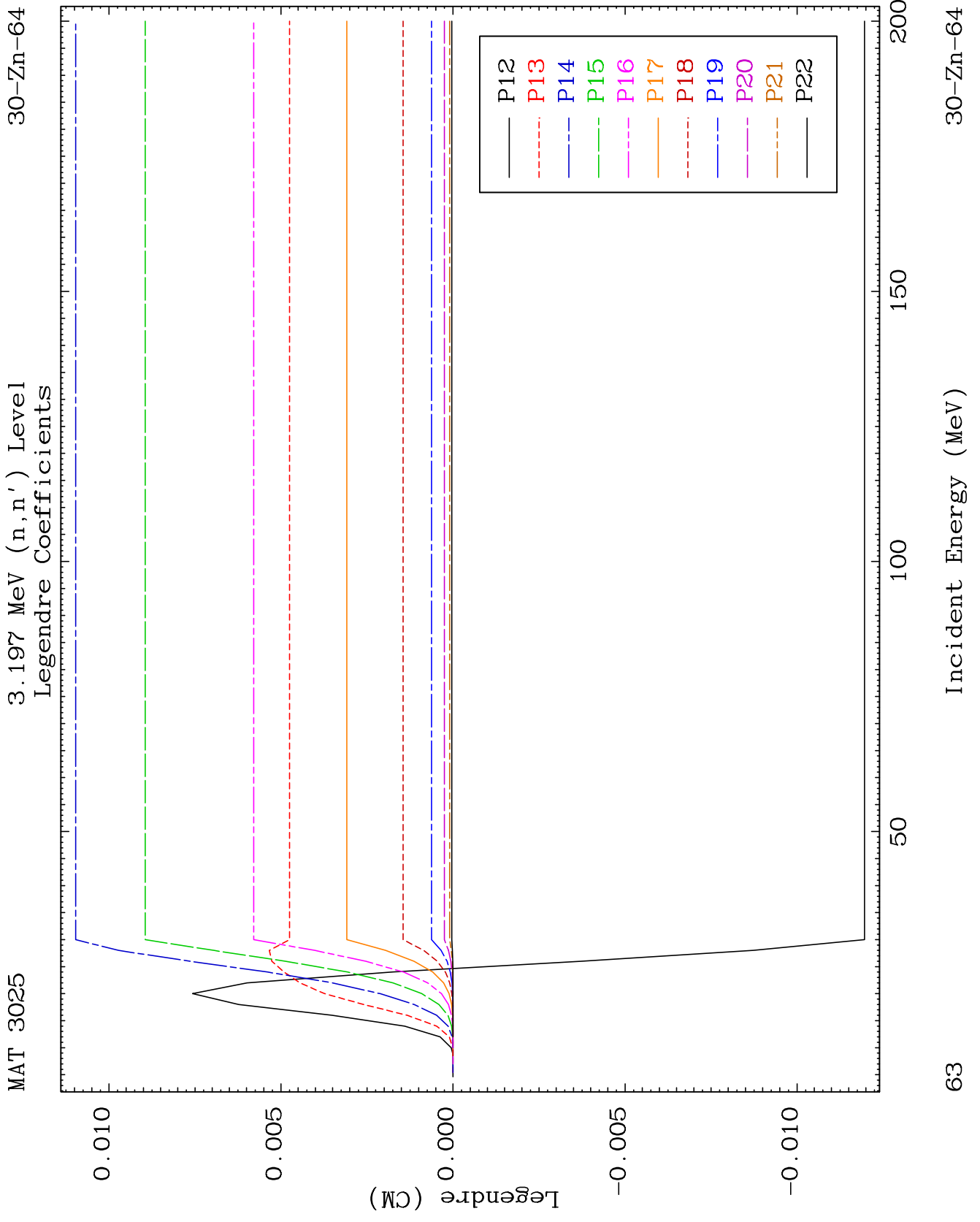




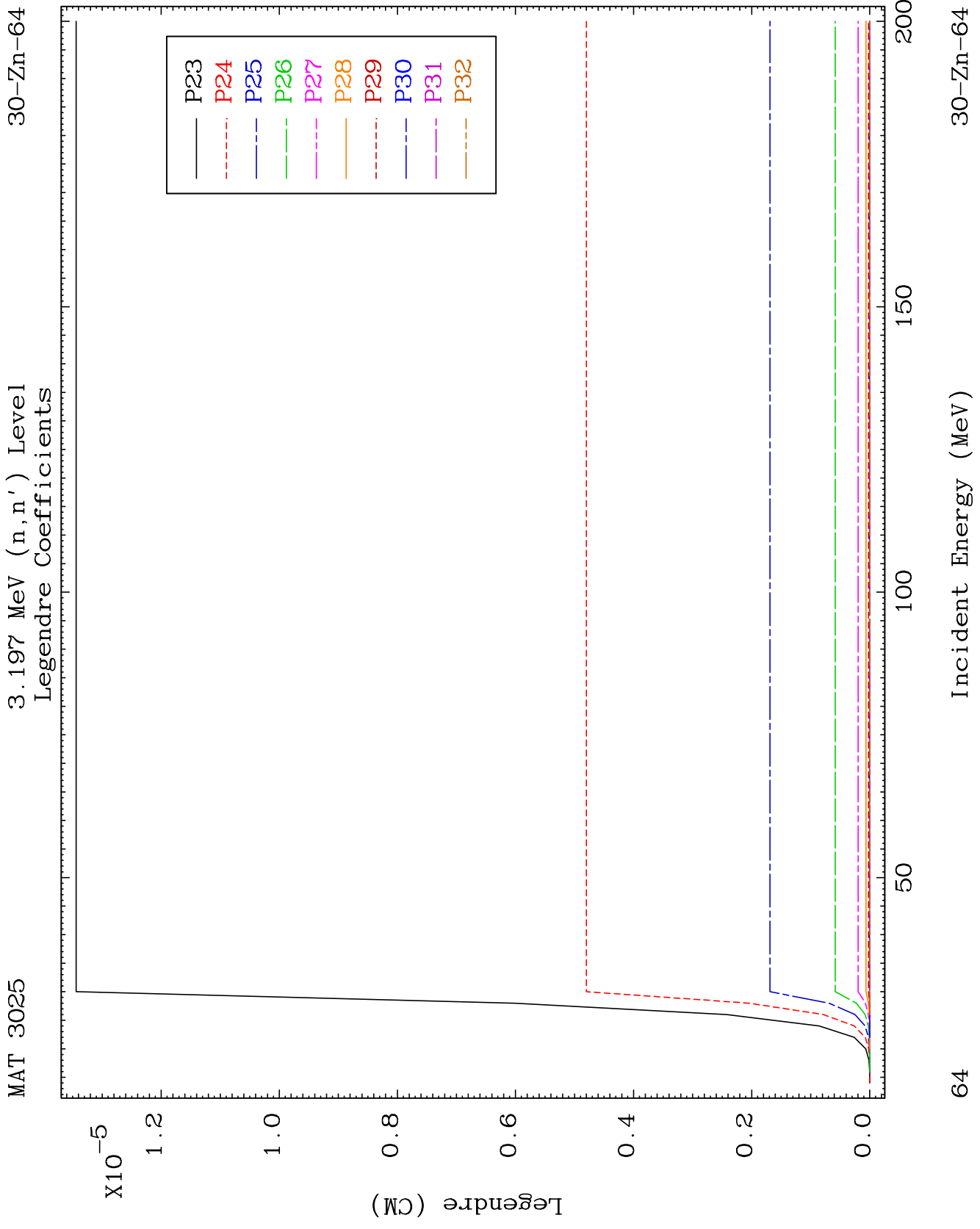




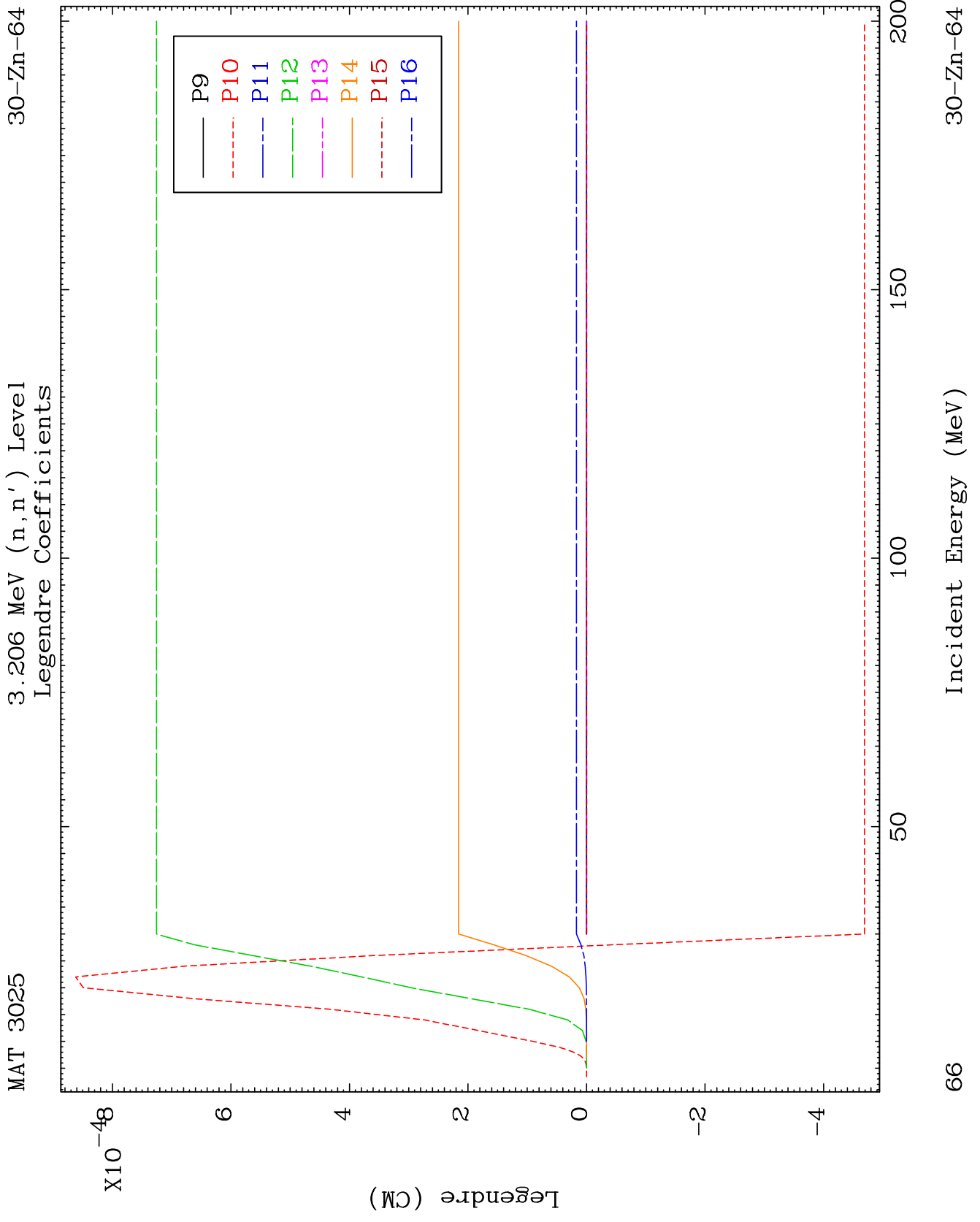




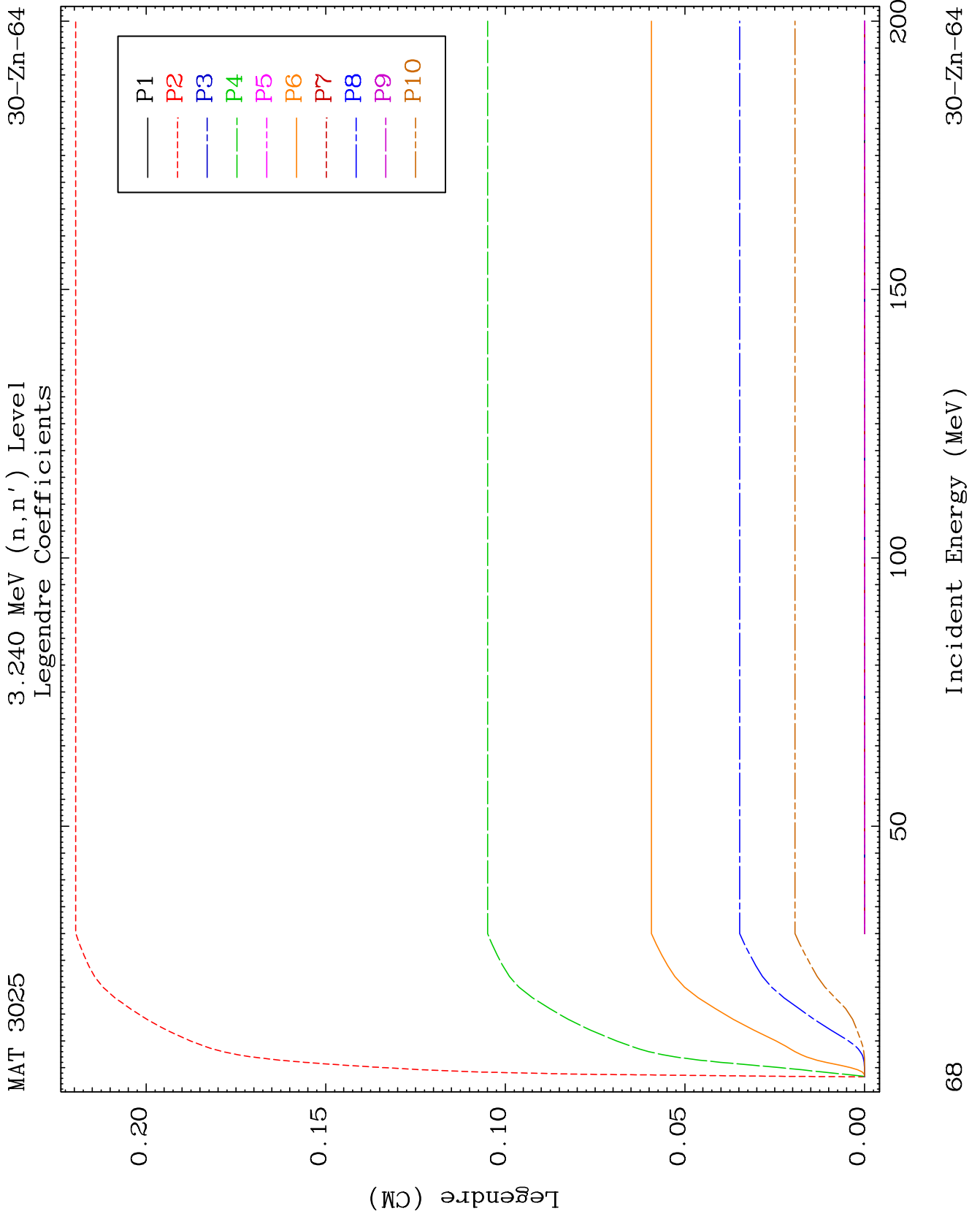


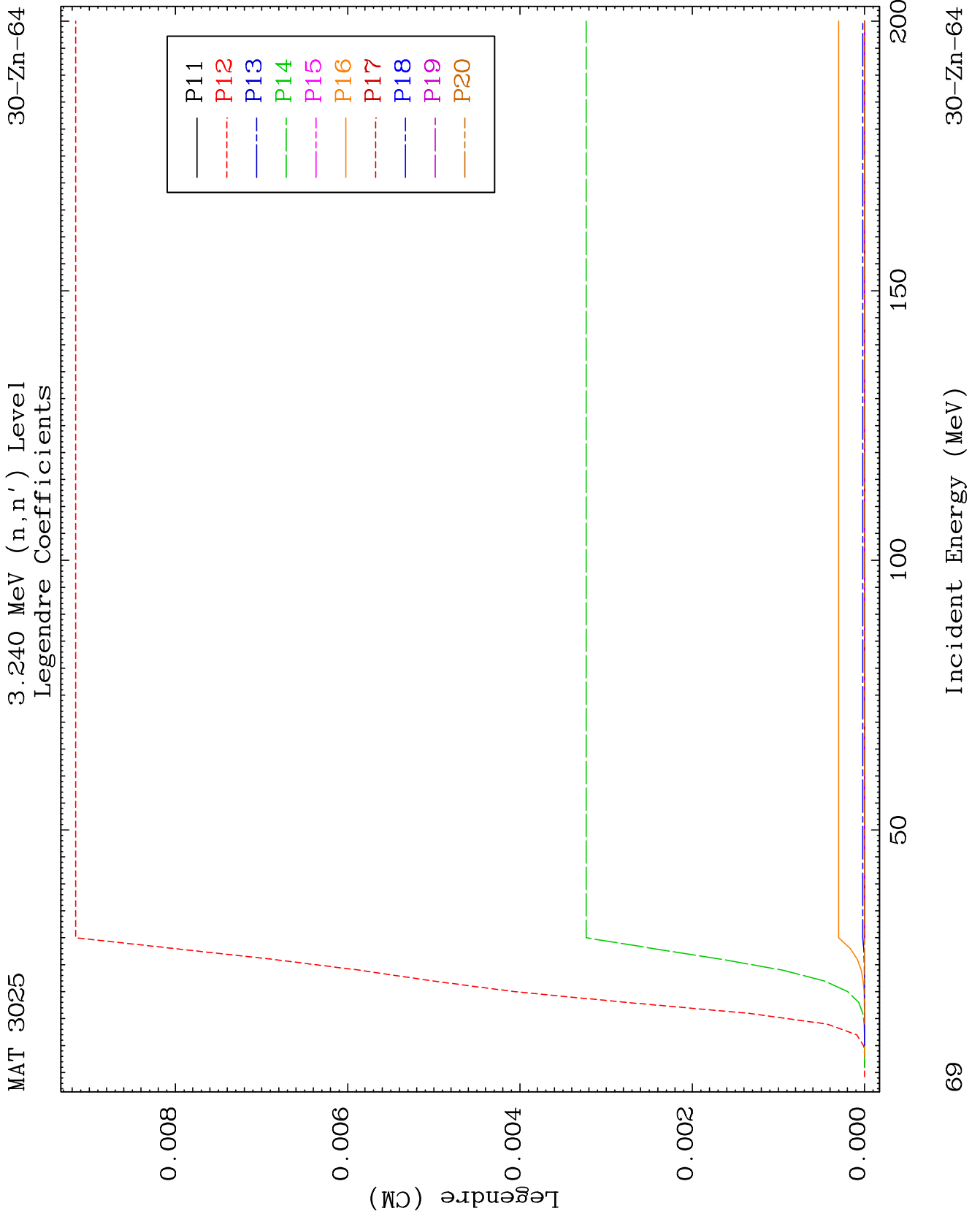




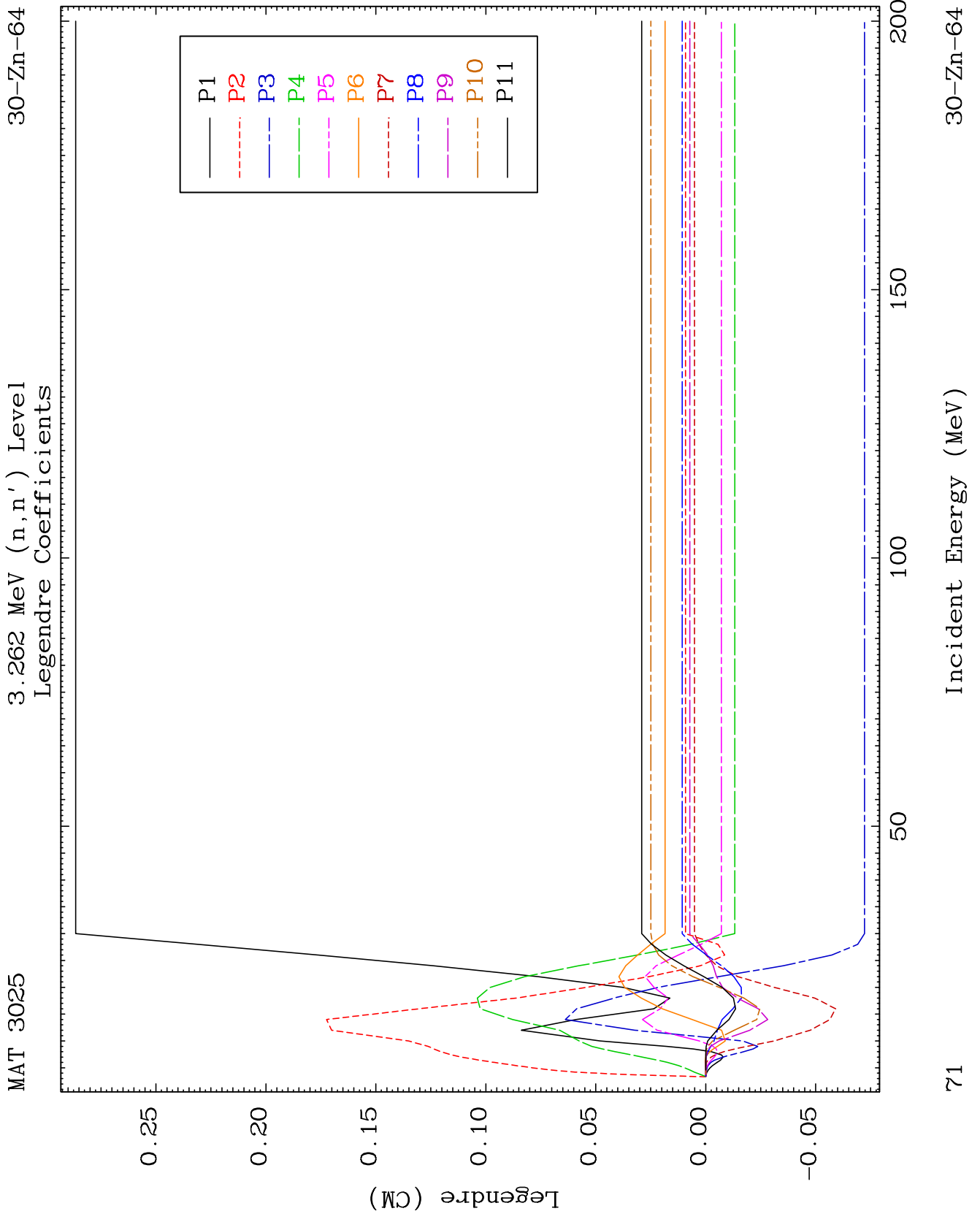










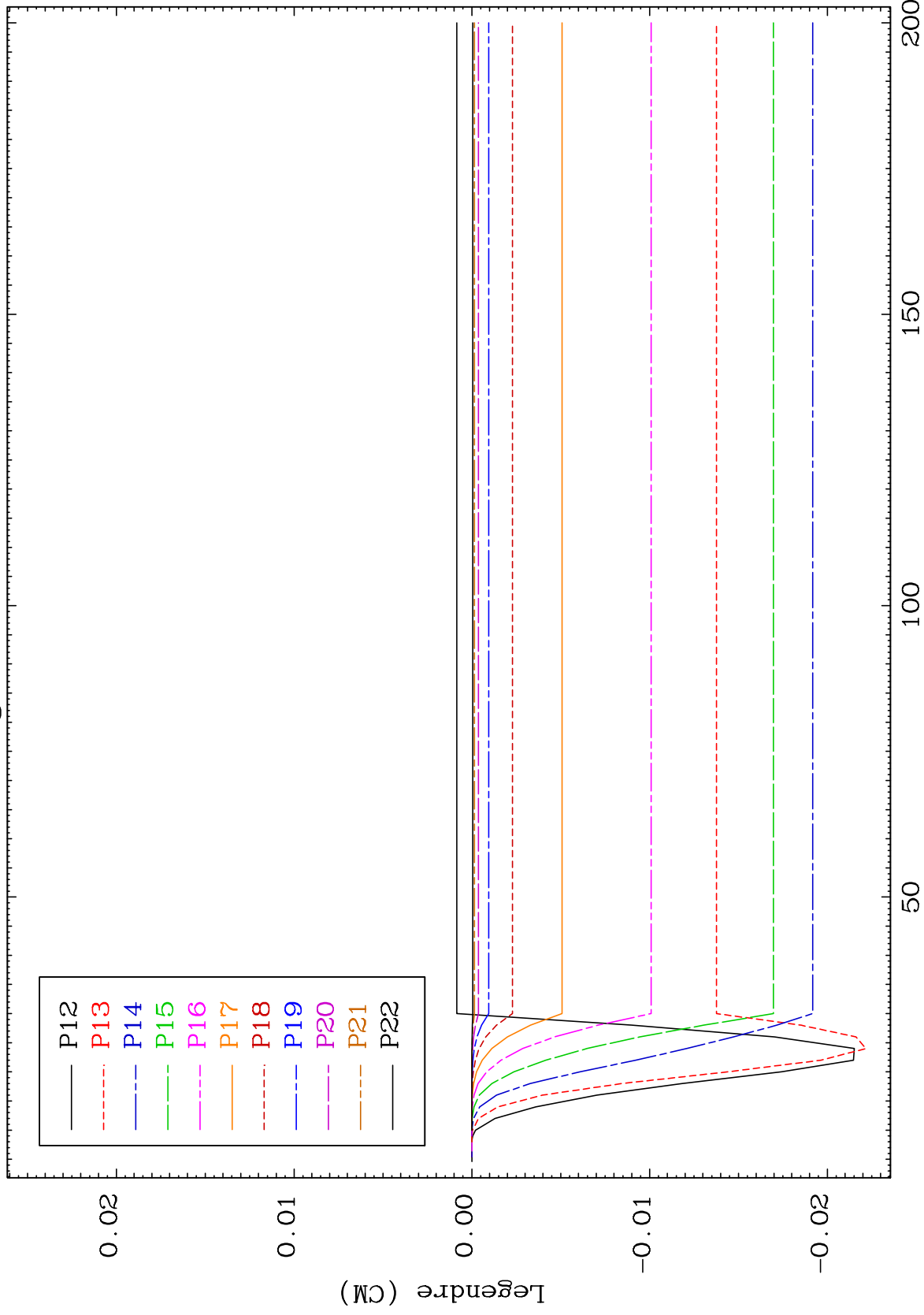




MAT 3025

3.262 MeV (n,n') Level  
Legendre Coefficients

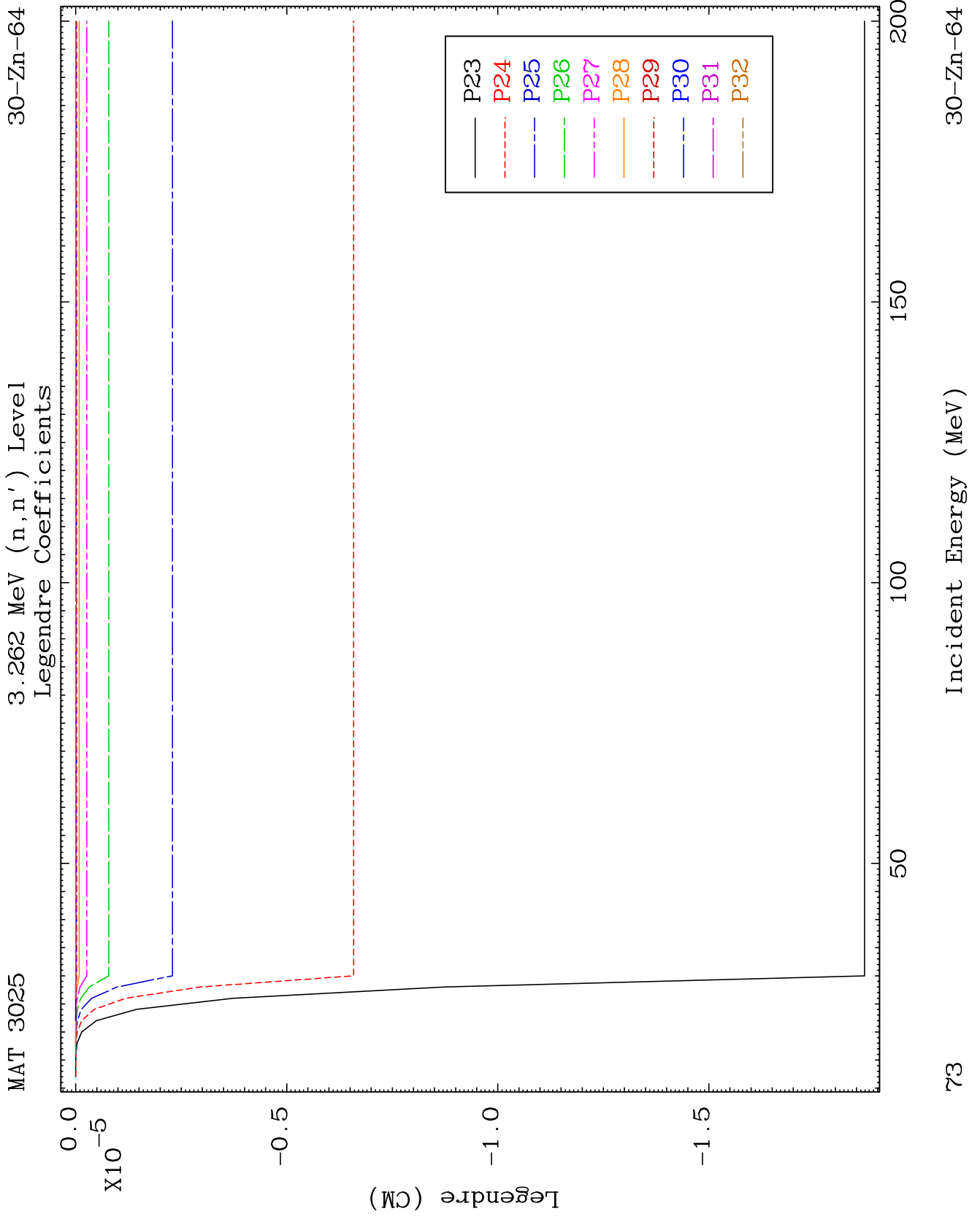
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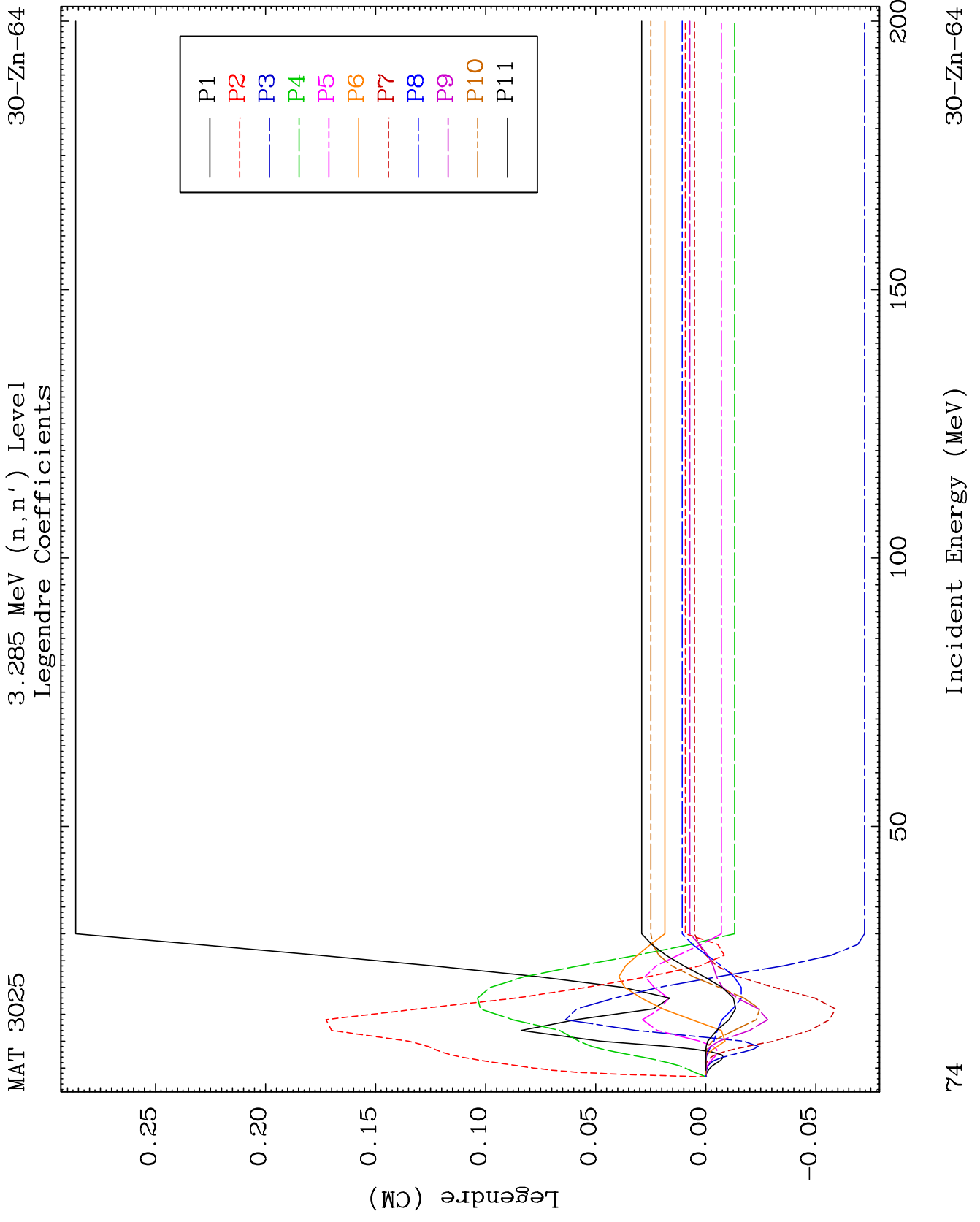


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Incident Energy (MeV)

30-Zn-64

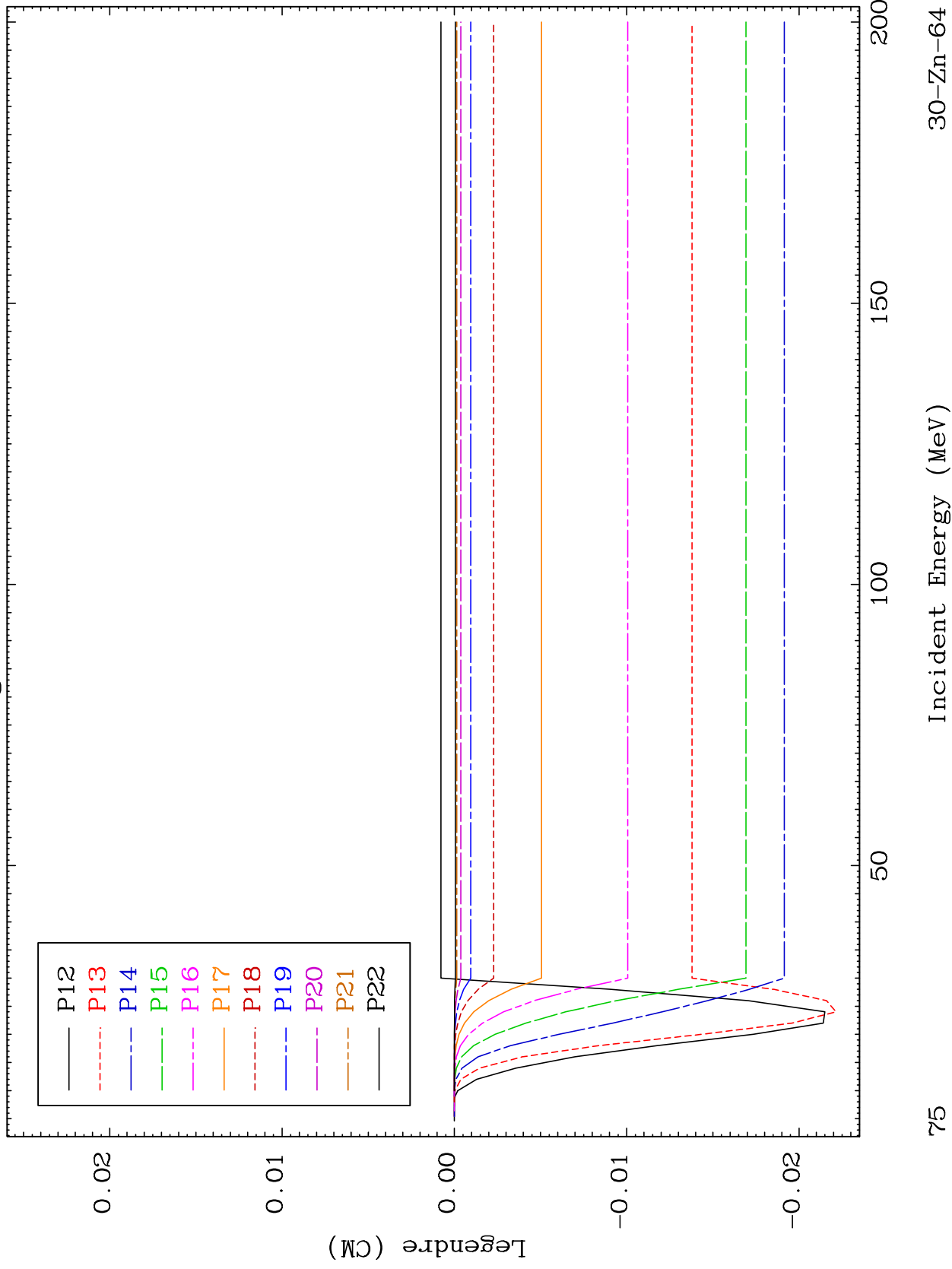




MAT 3025

3.285 MeV (n,n') Level  
Legendre Coefficients

30-Zn-64

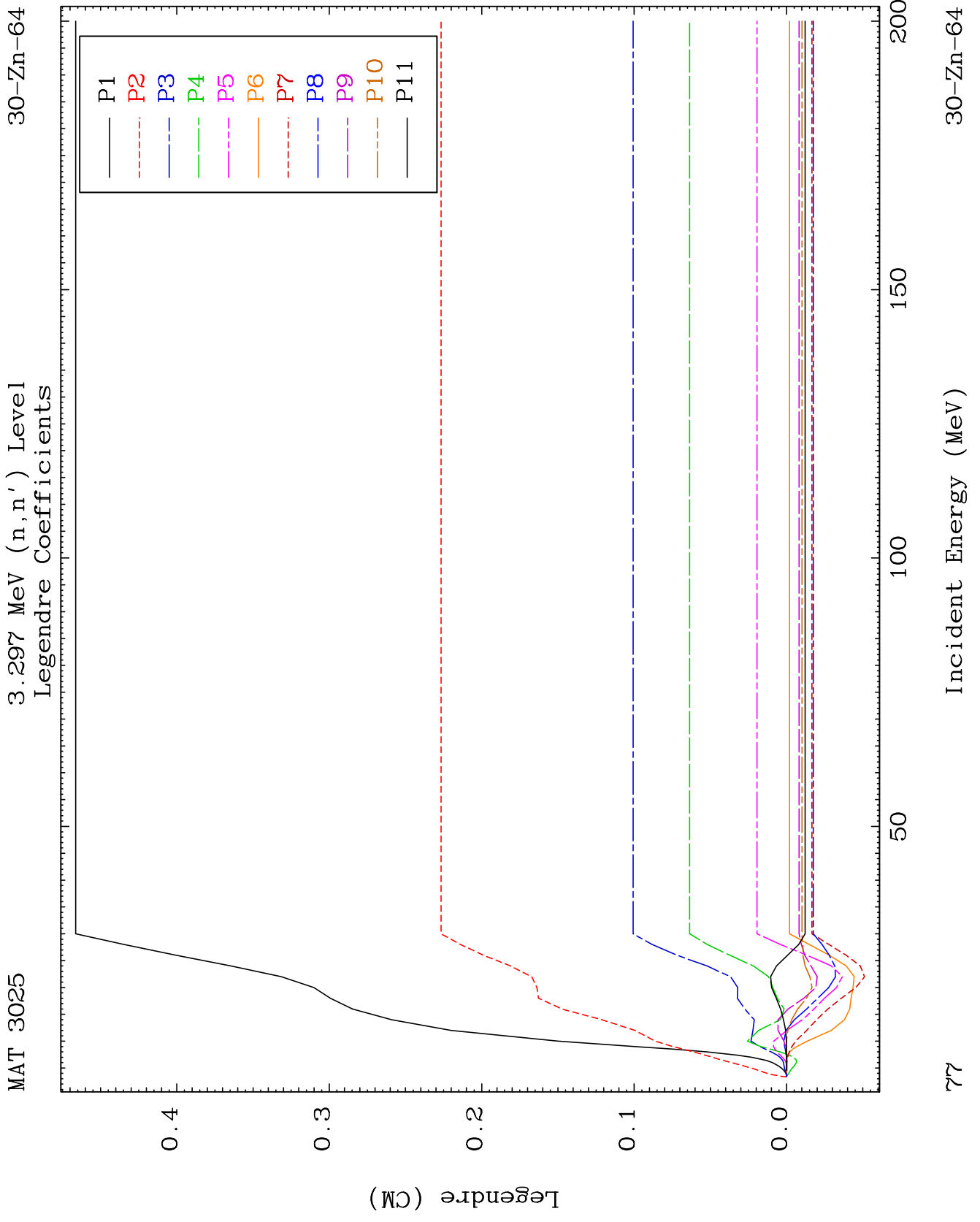


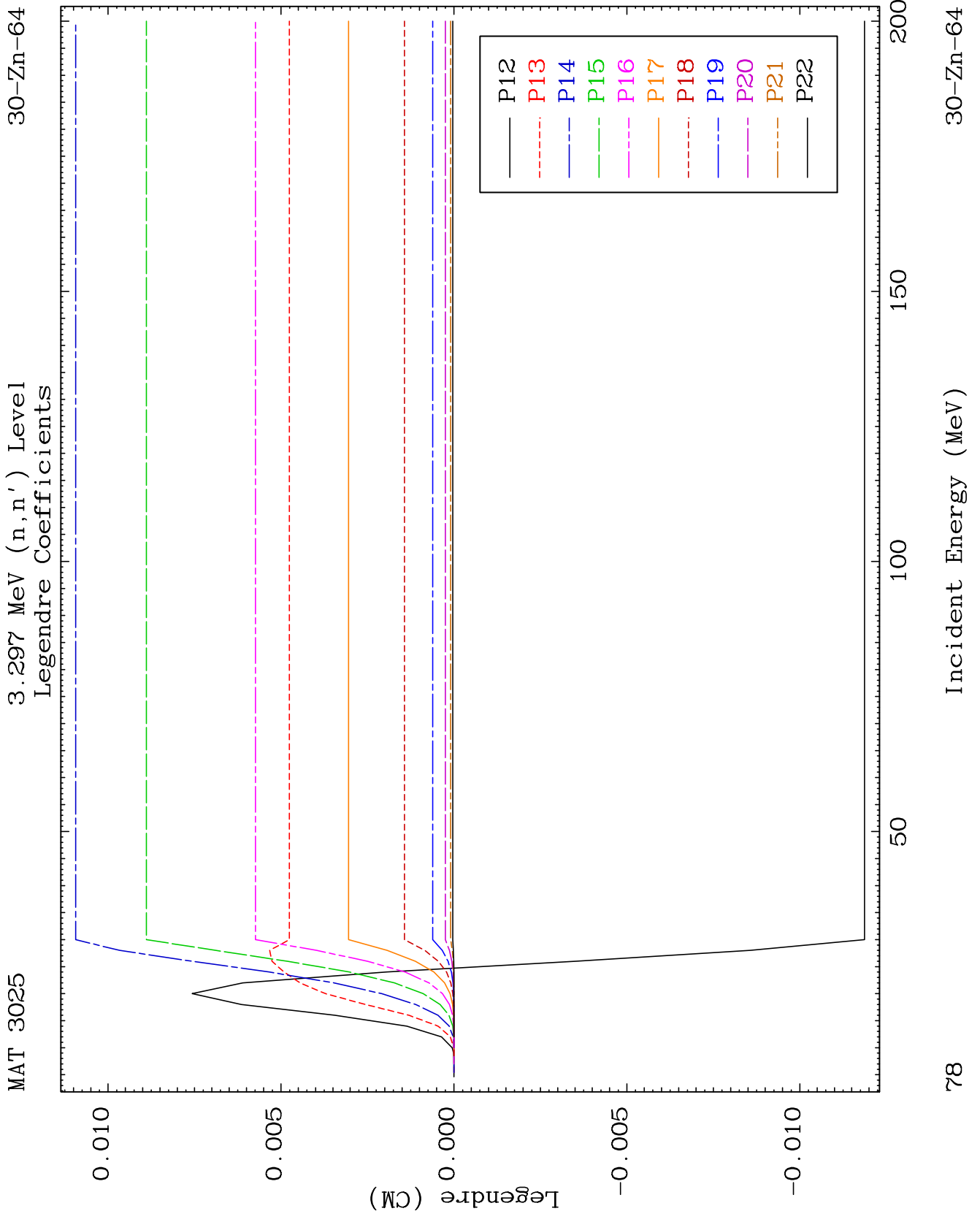
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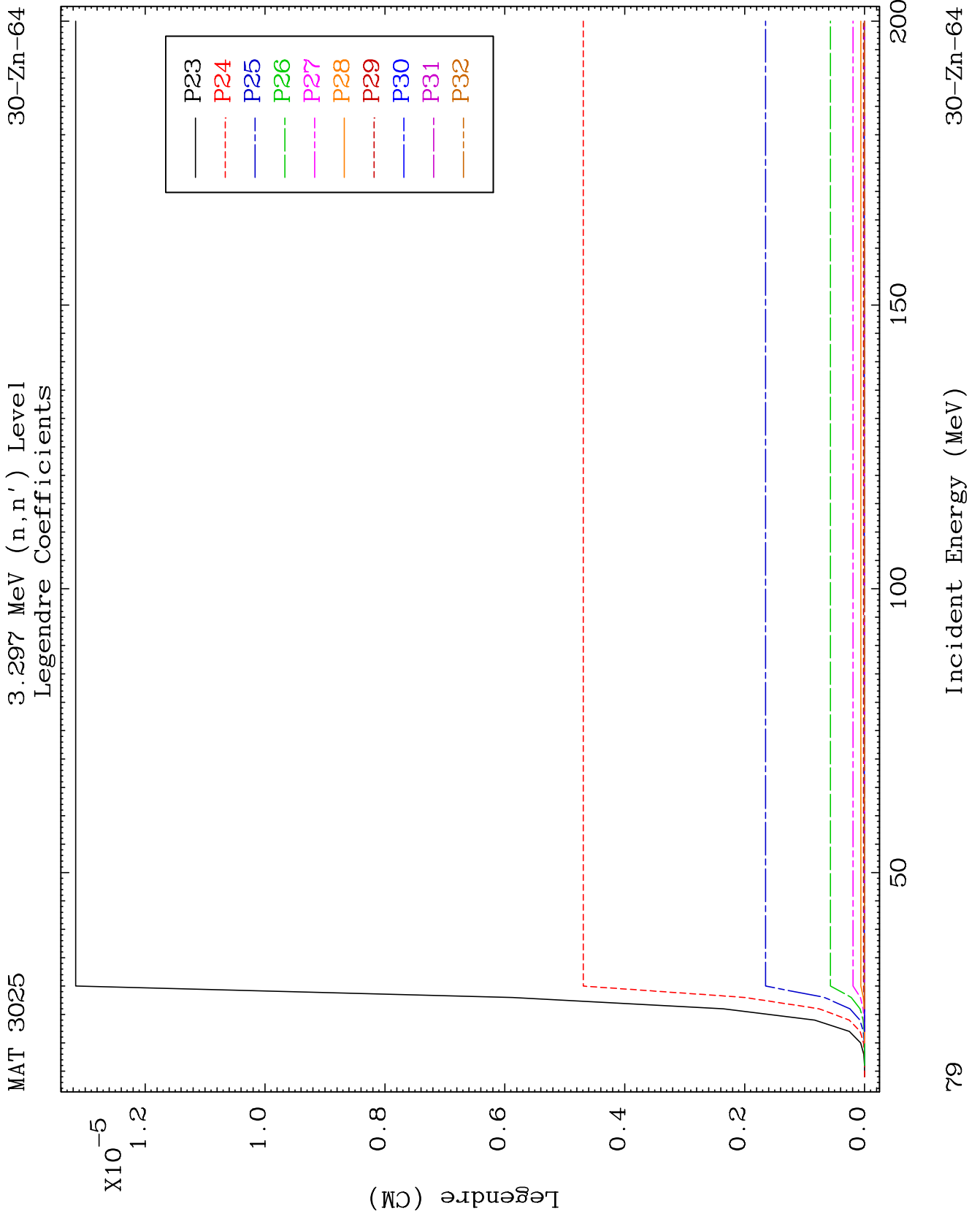
Incident Energy (MeV)

30-Zn-64

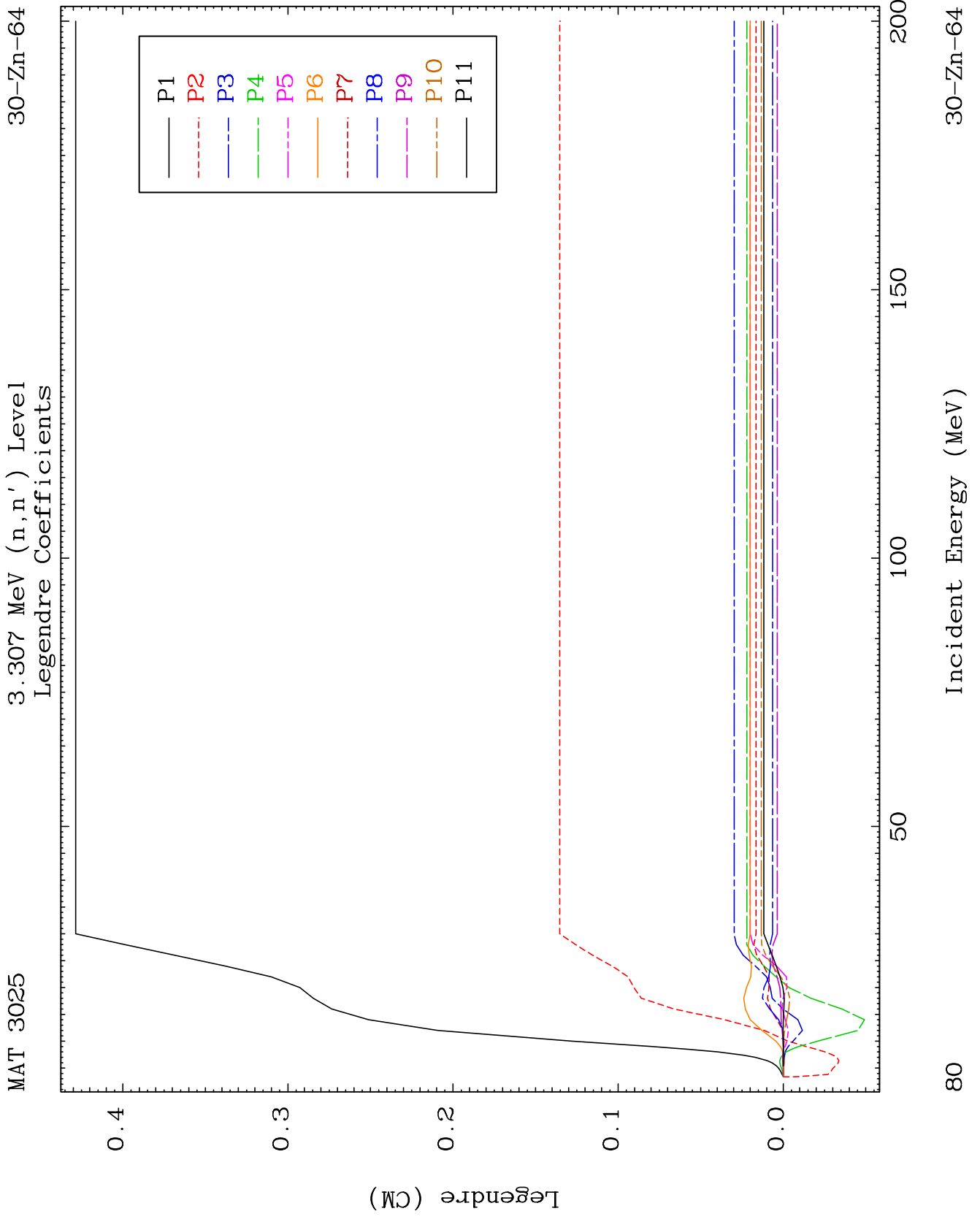








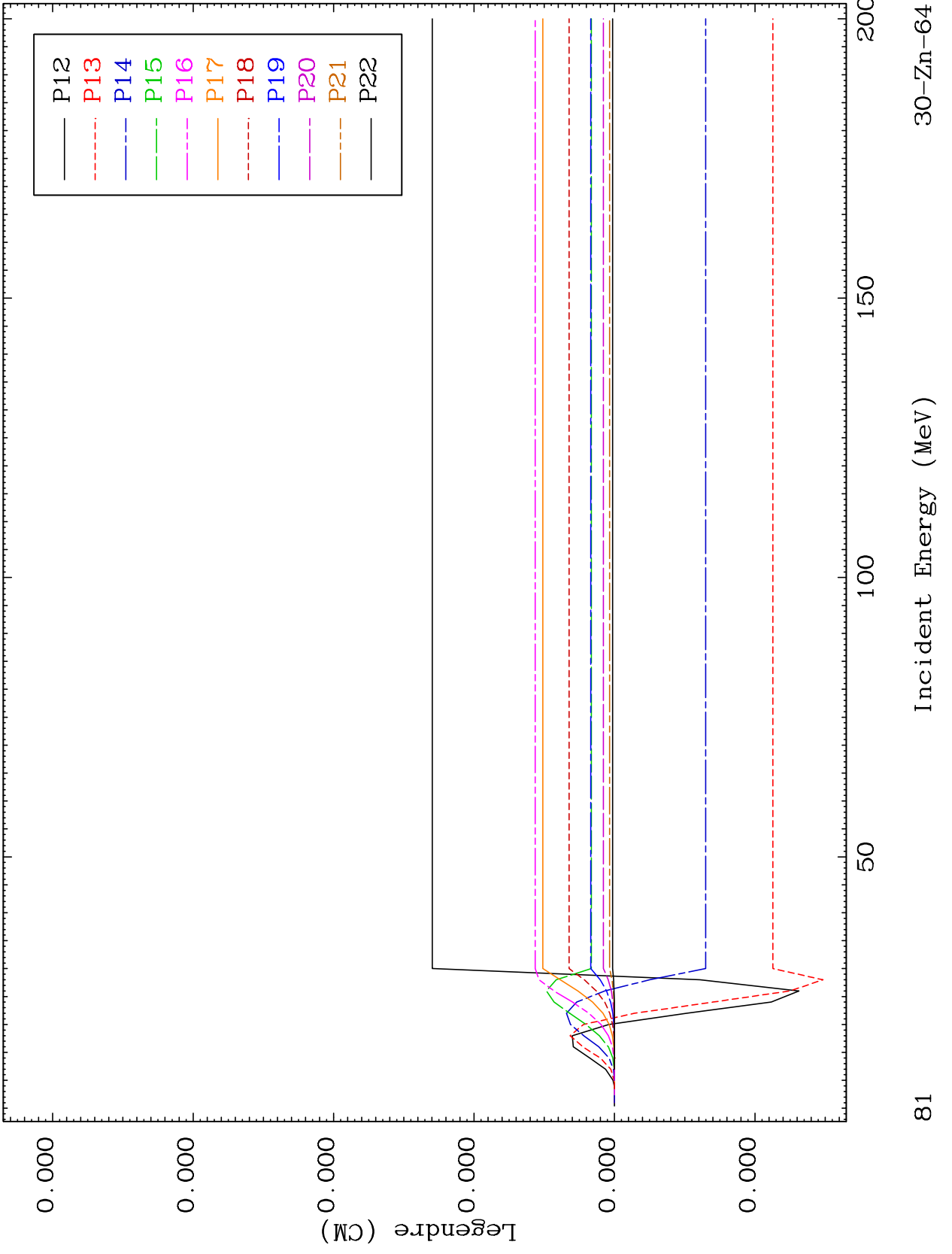


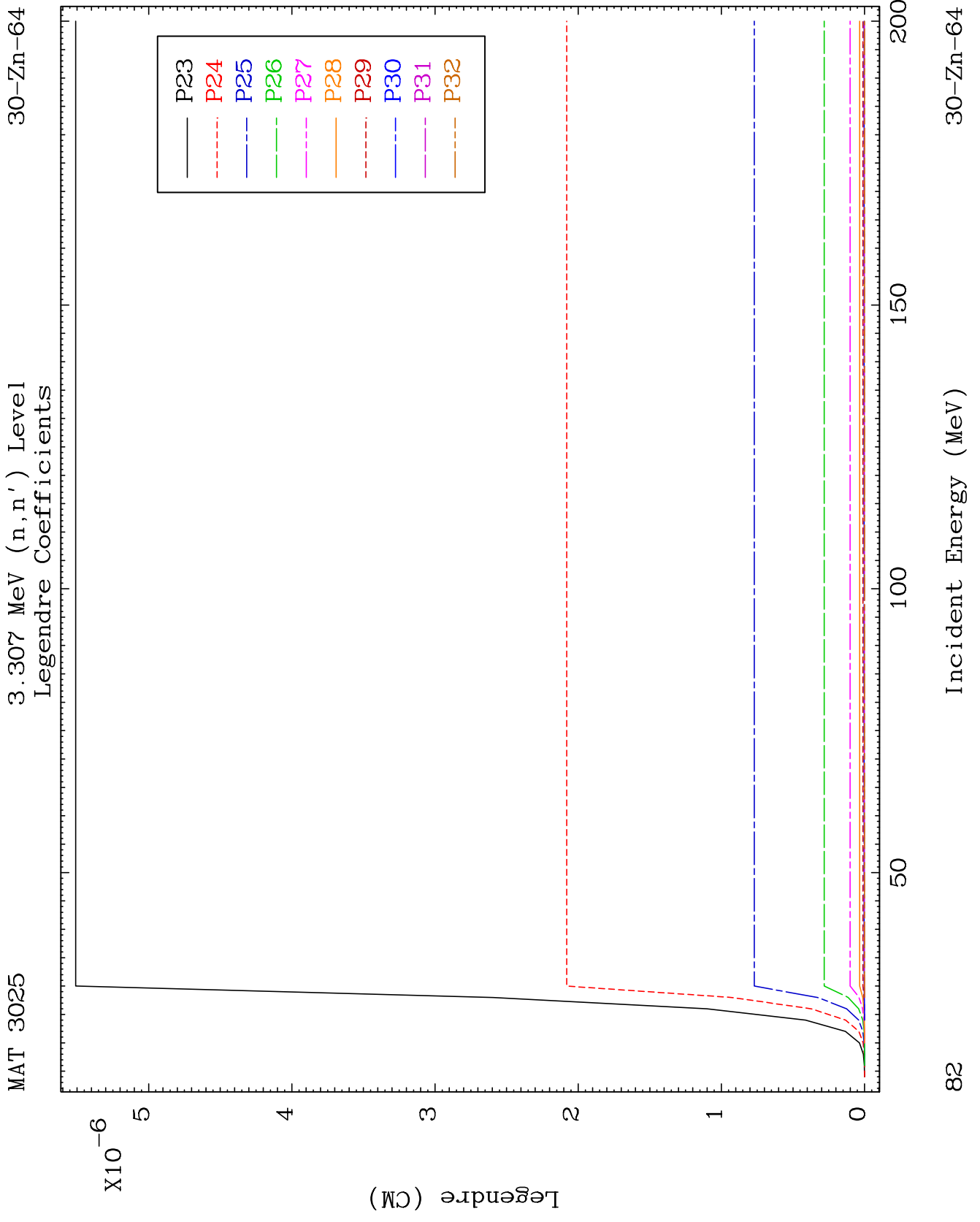


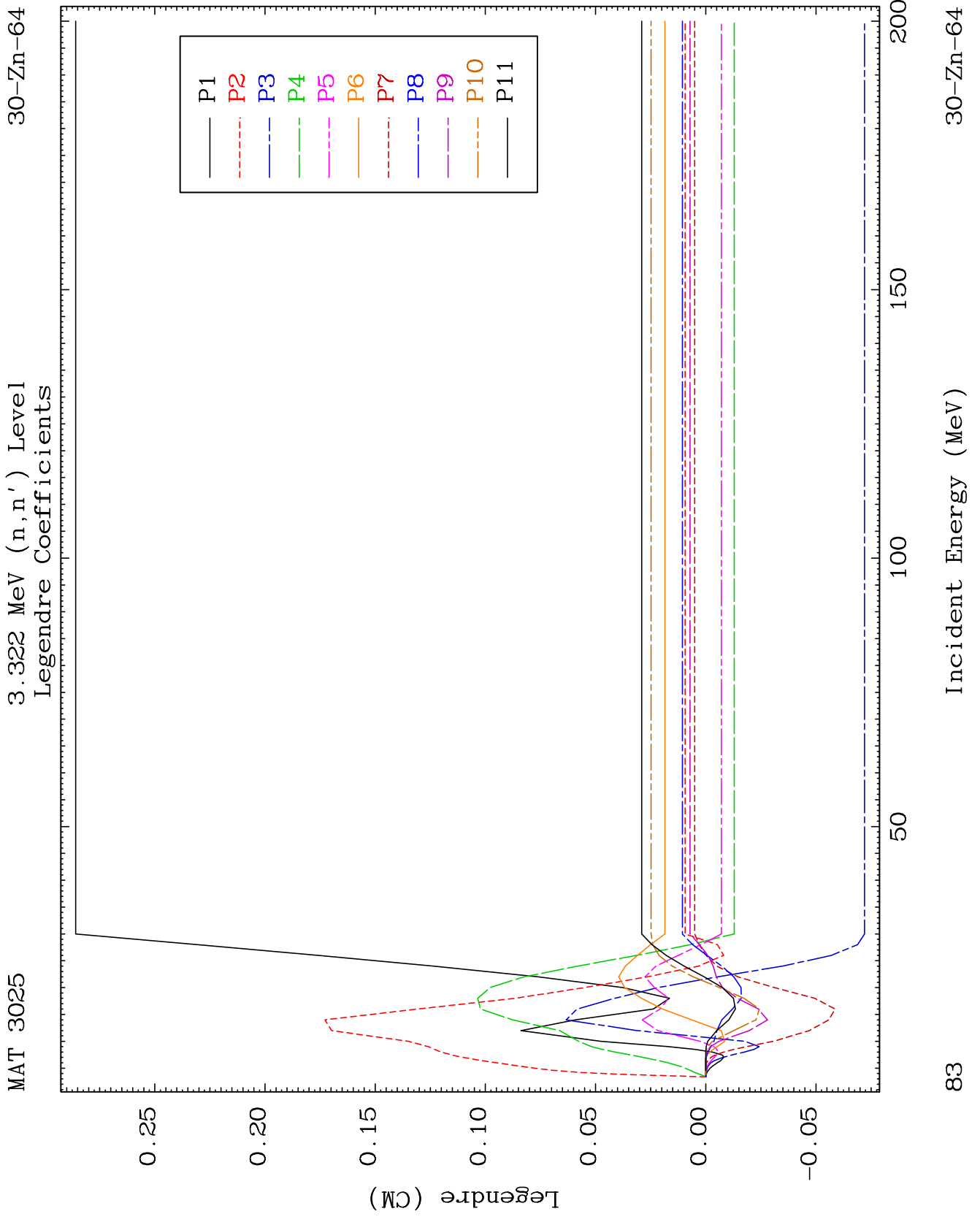
MAT 3025

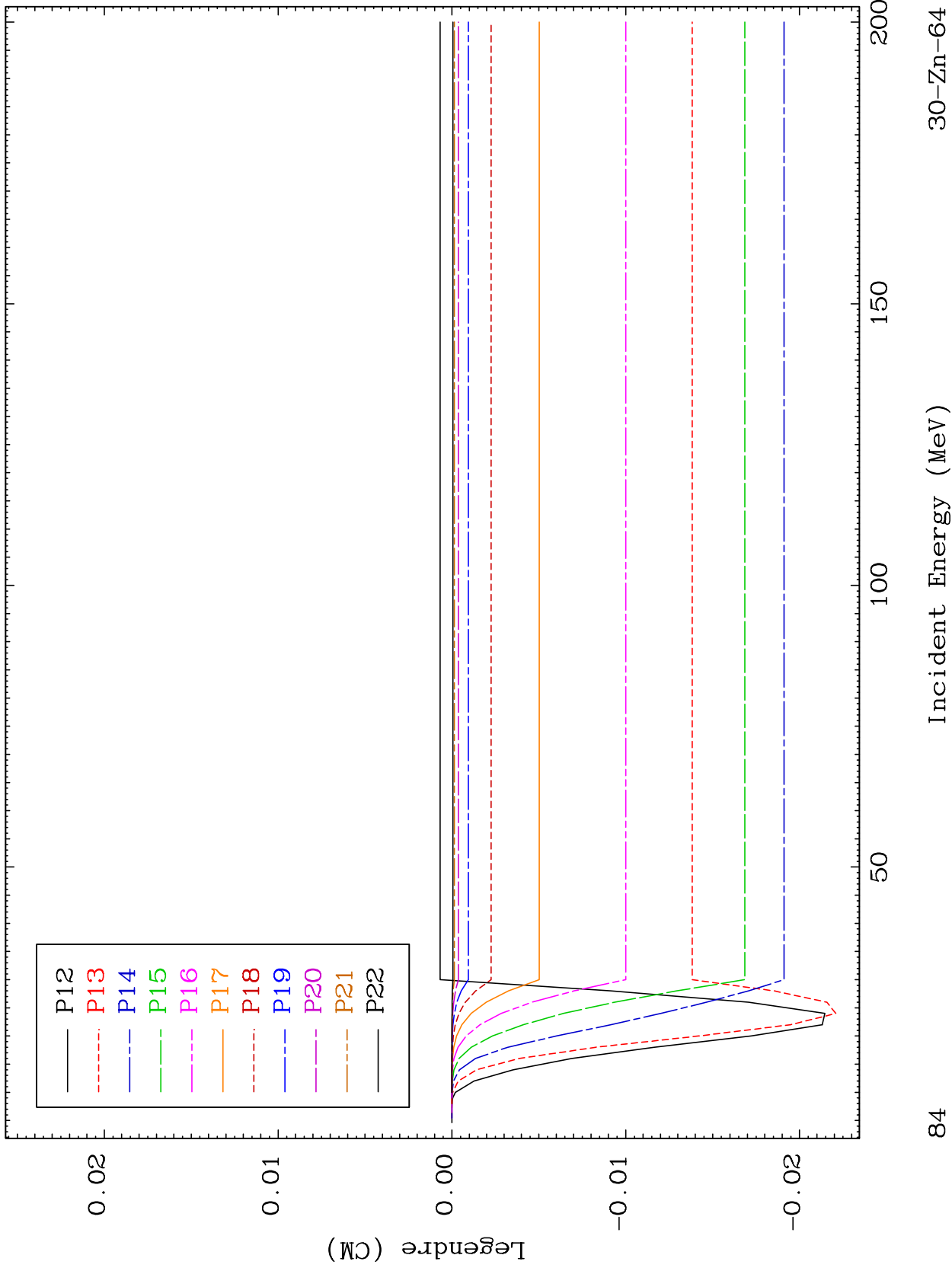
3.307 MeV (n,n') Level  
Legendre Coefficients

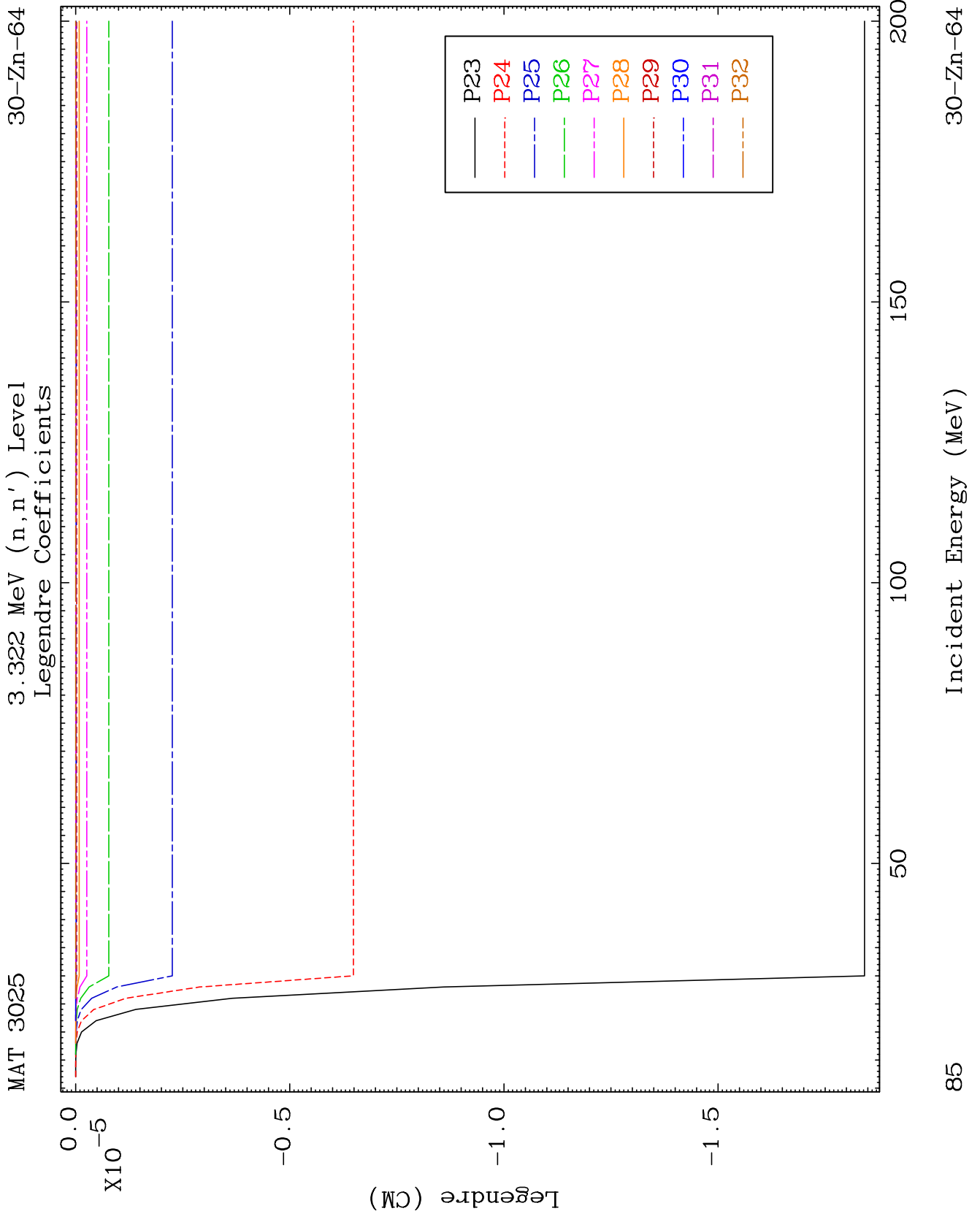
30-Zn-64

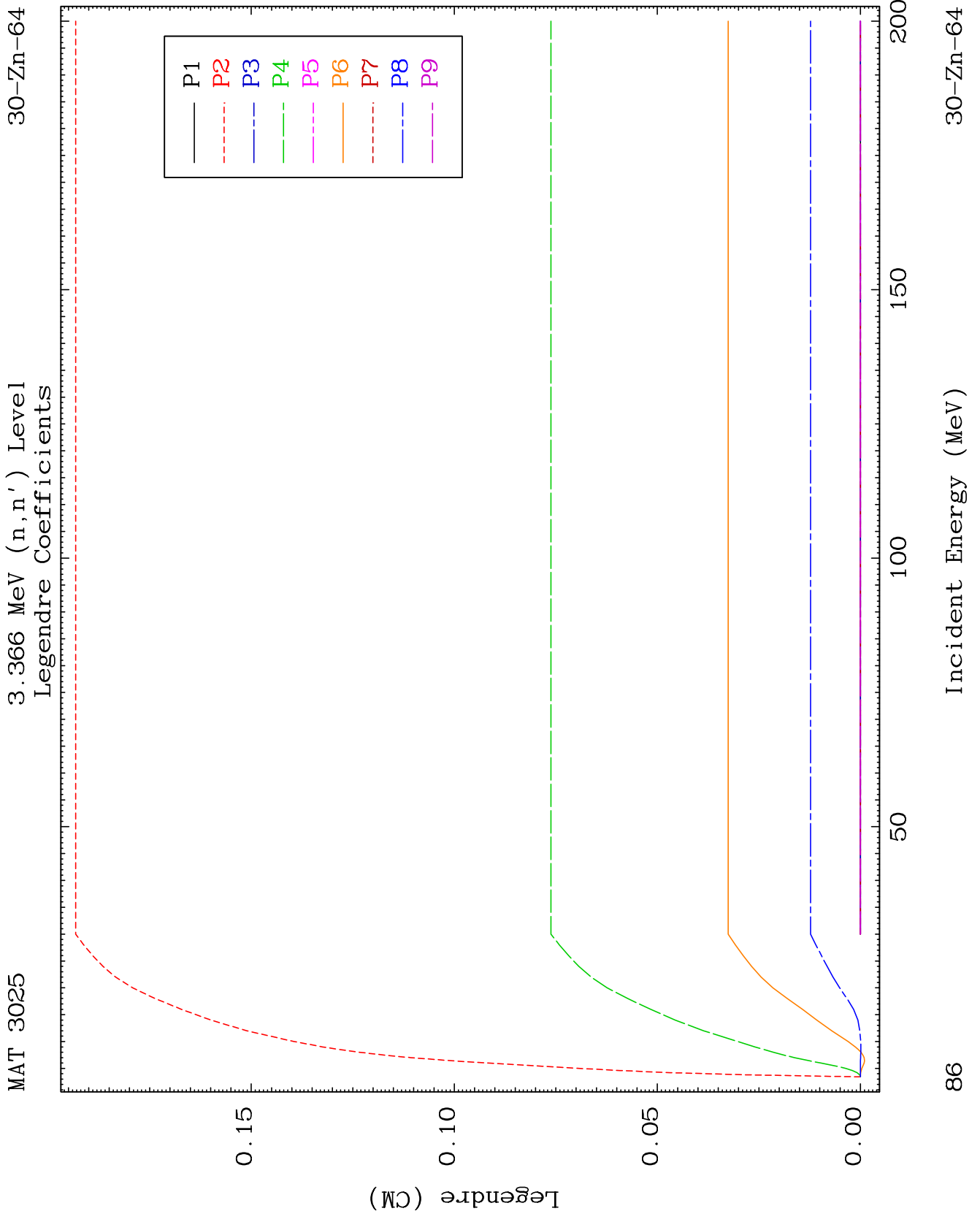


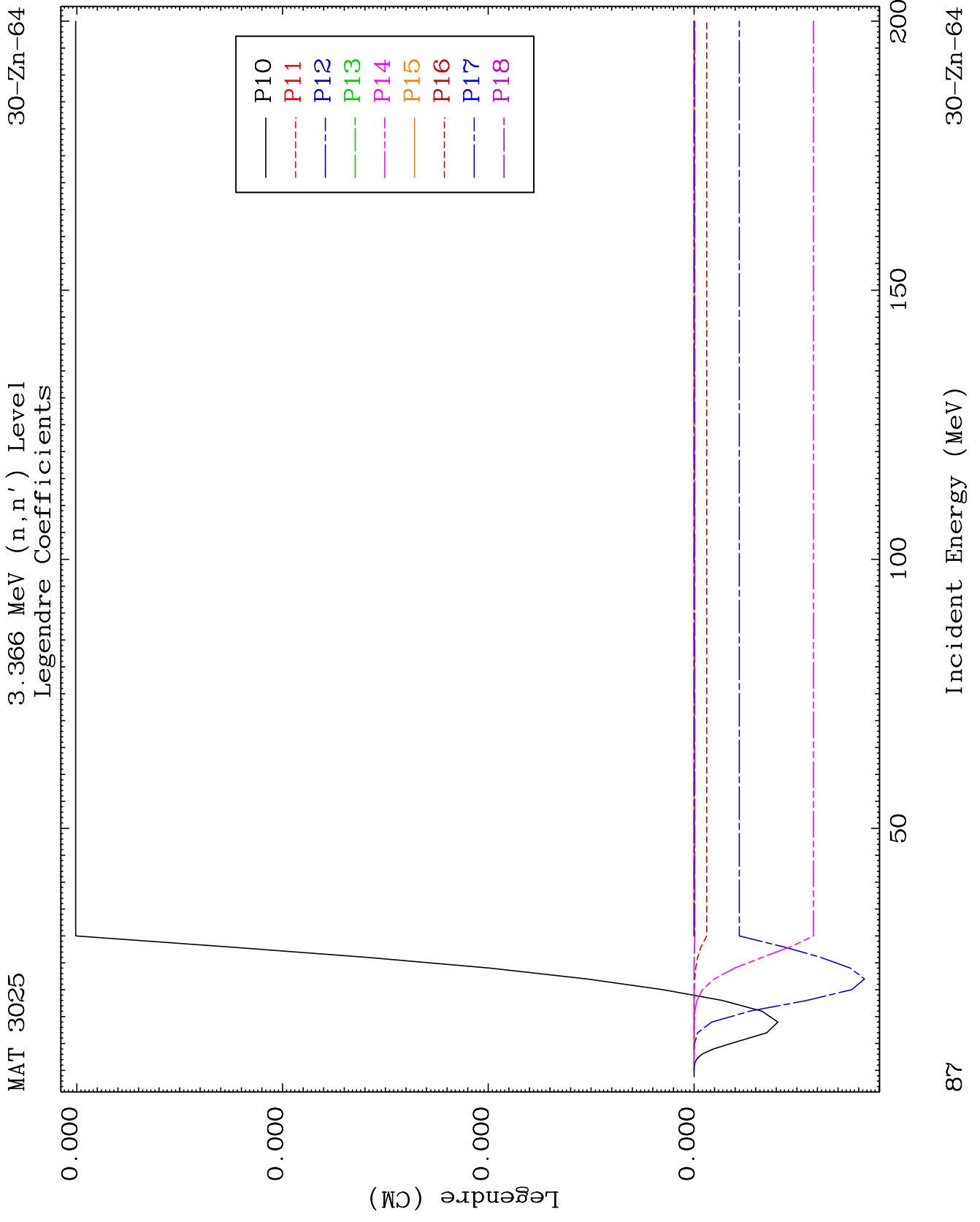




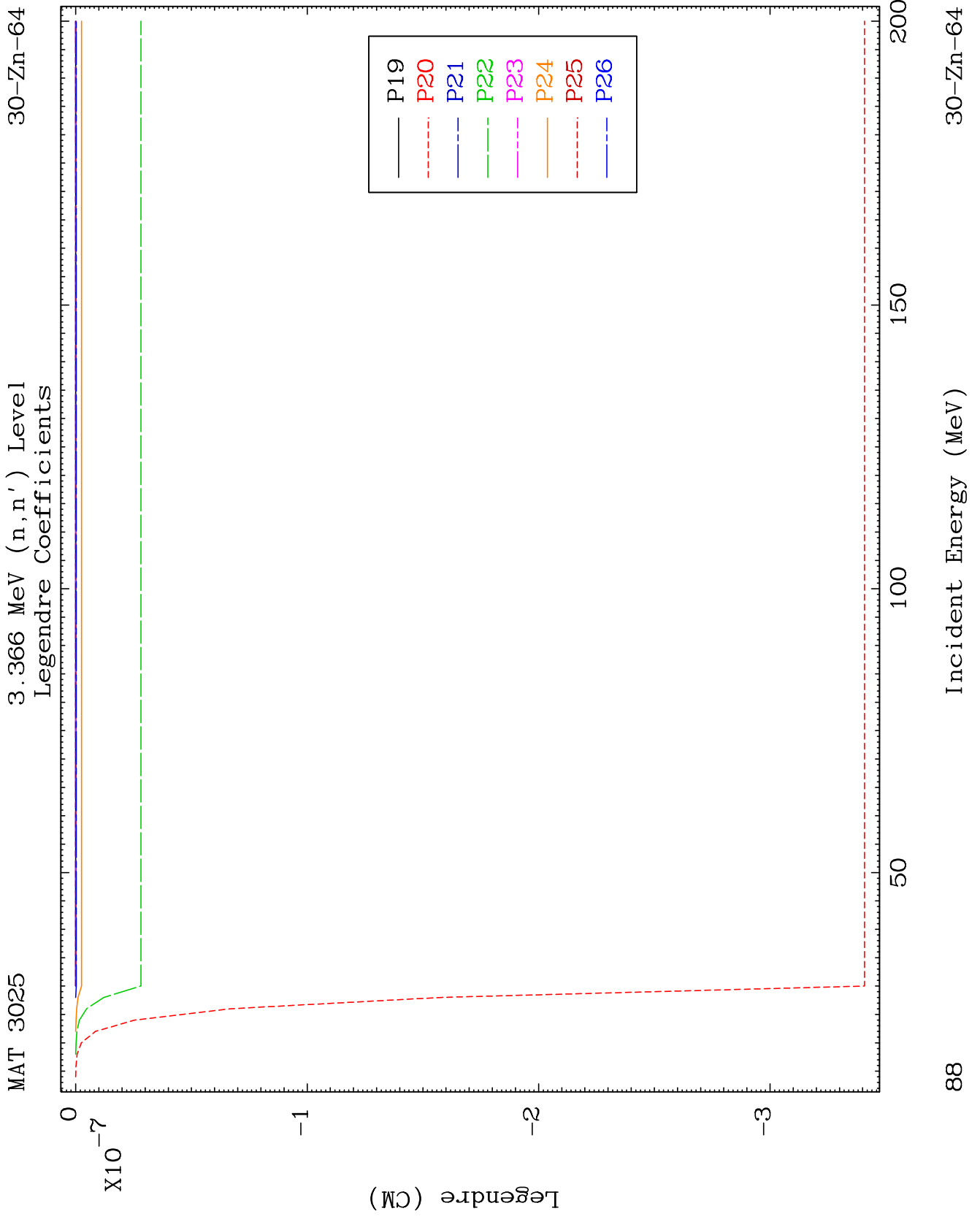


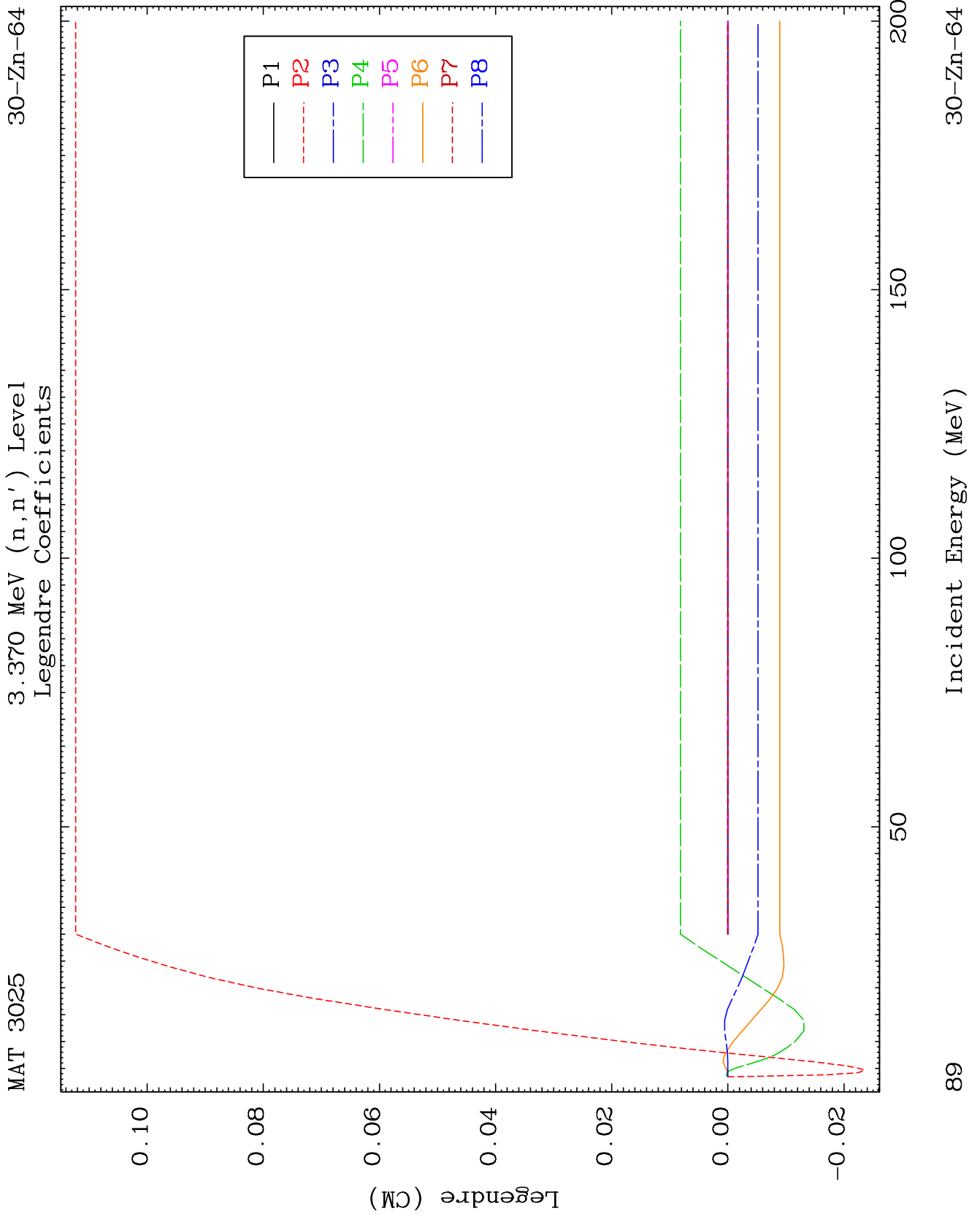






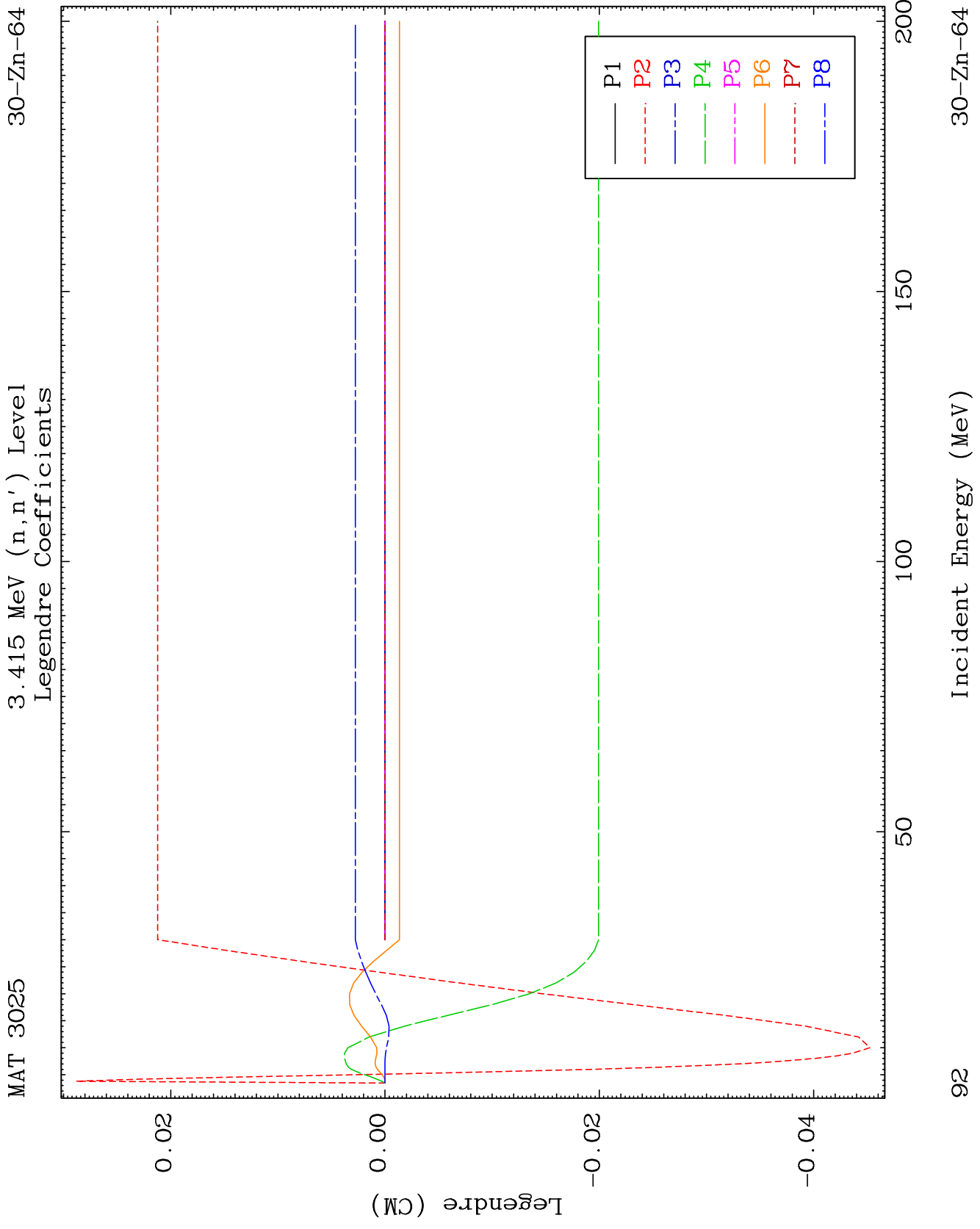






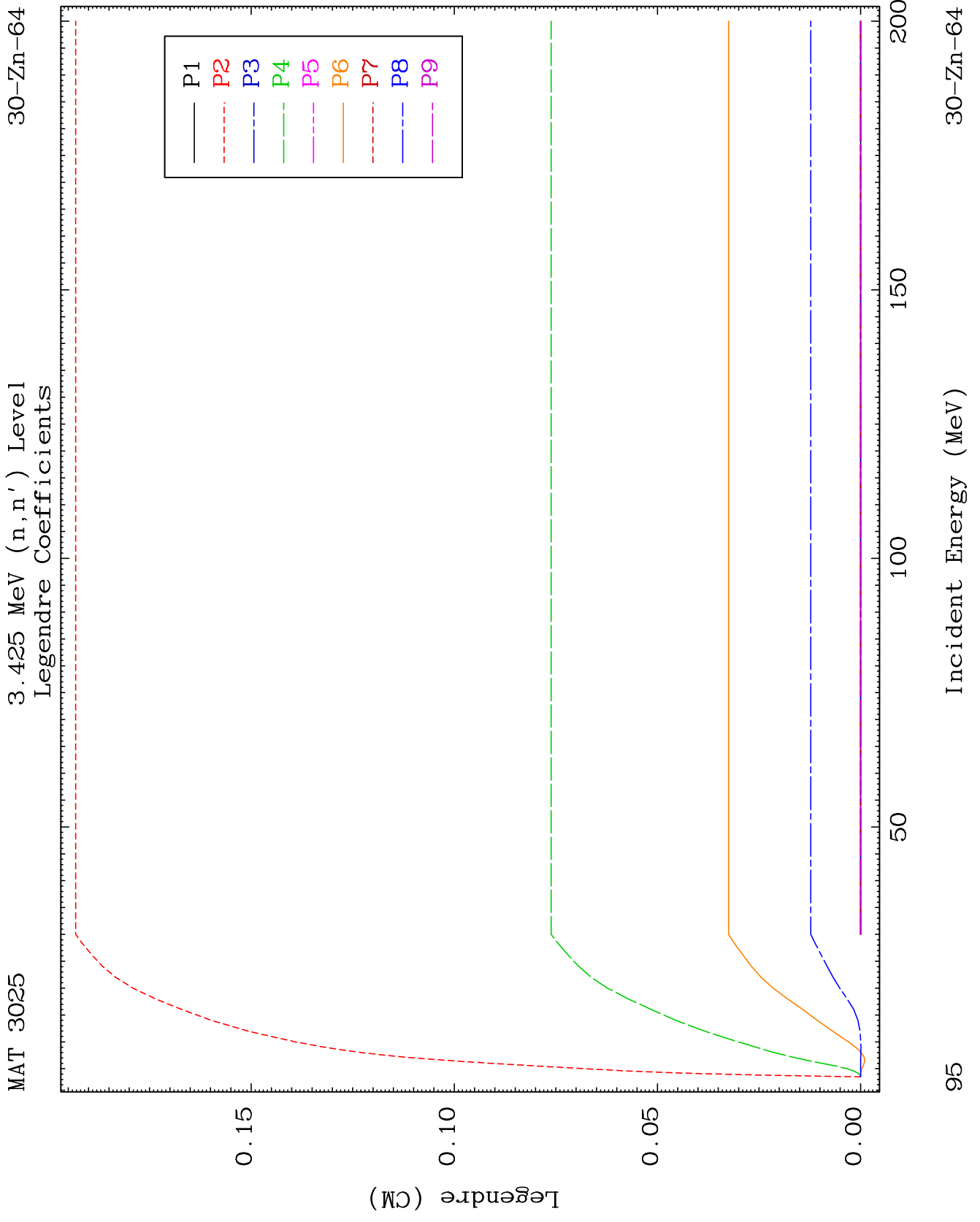




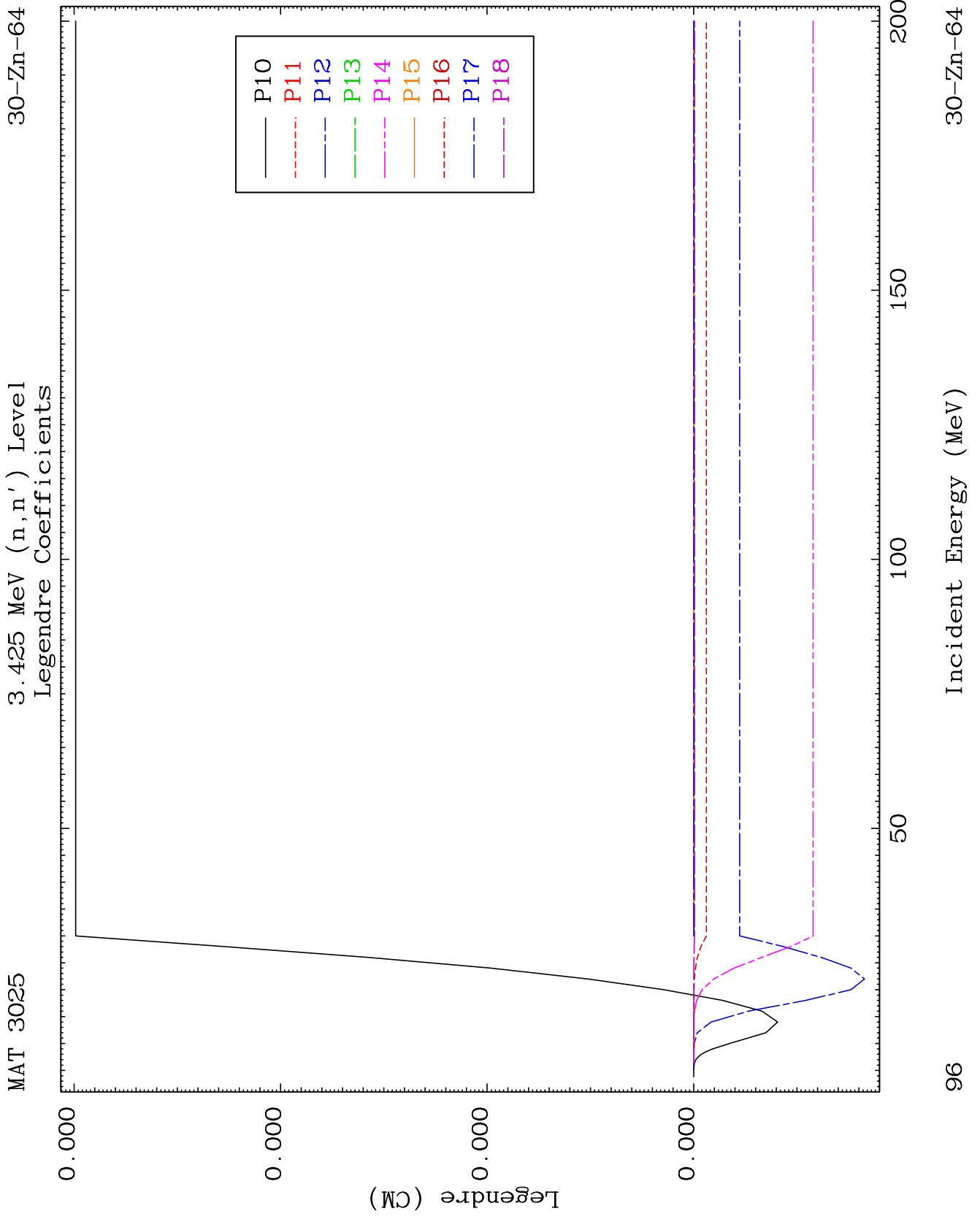


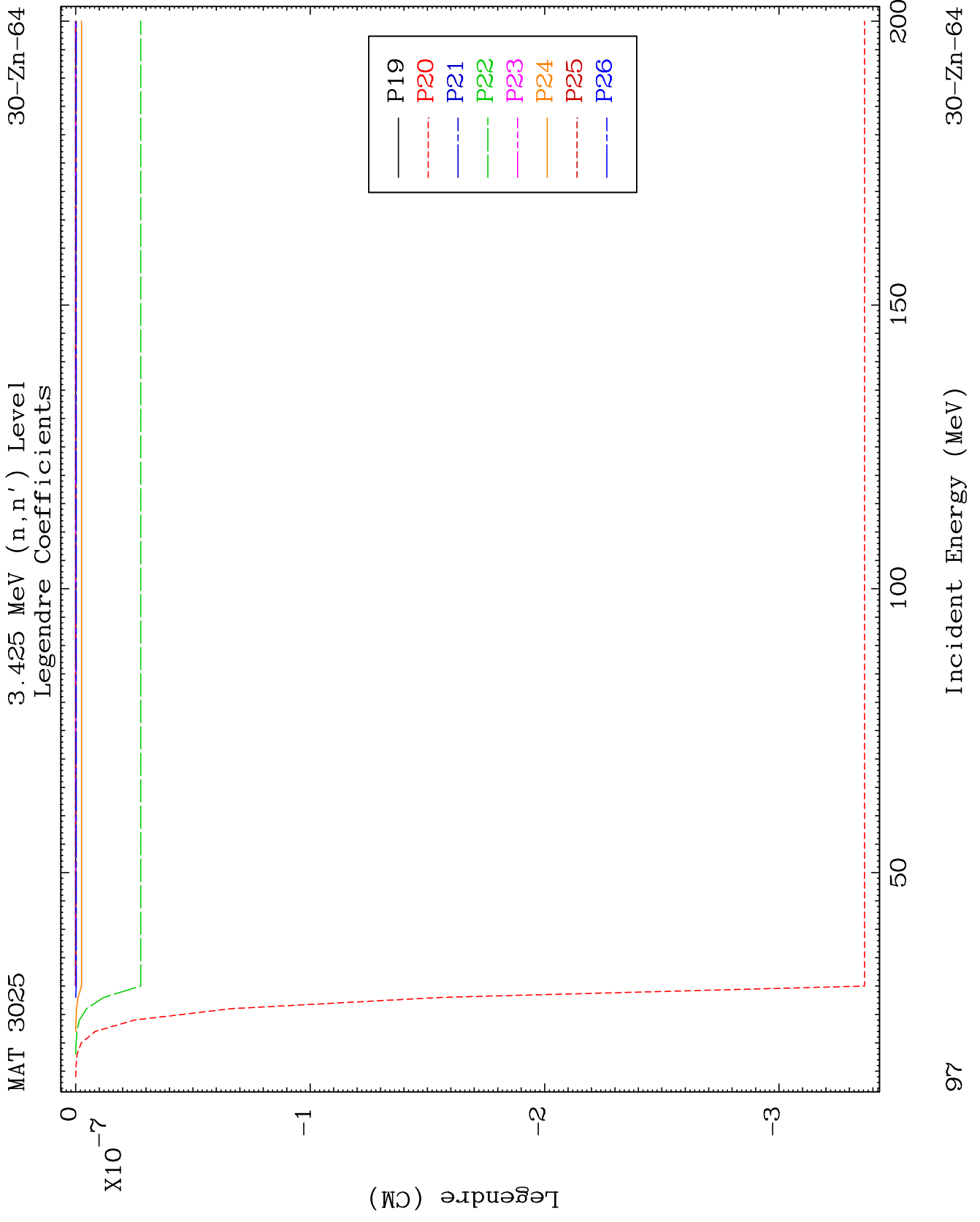


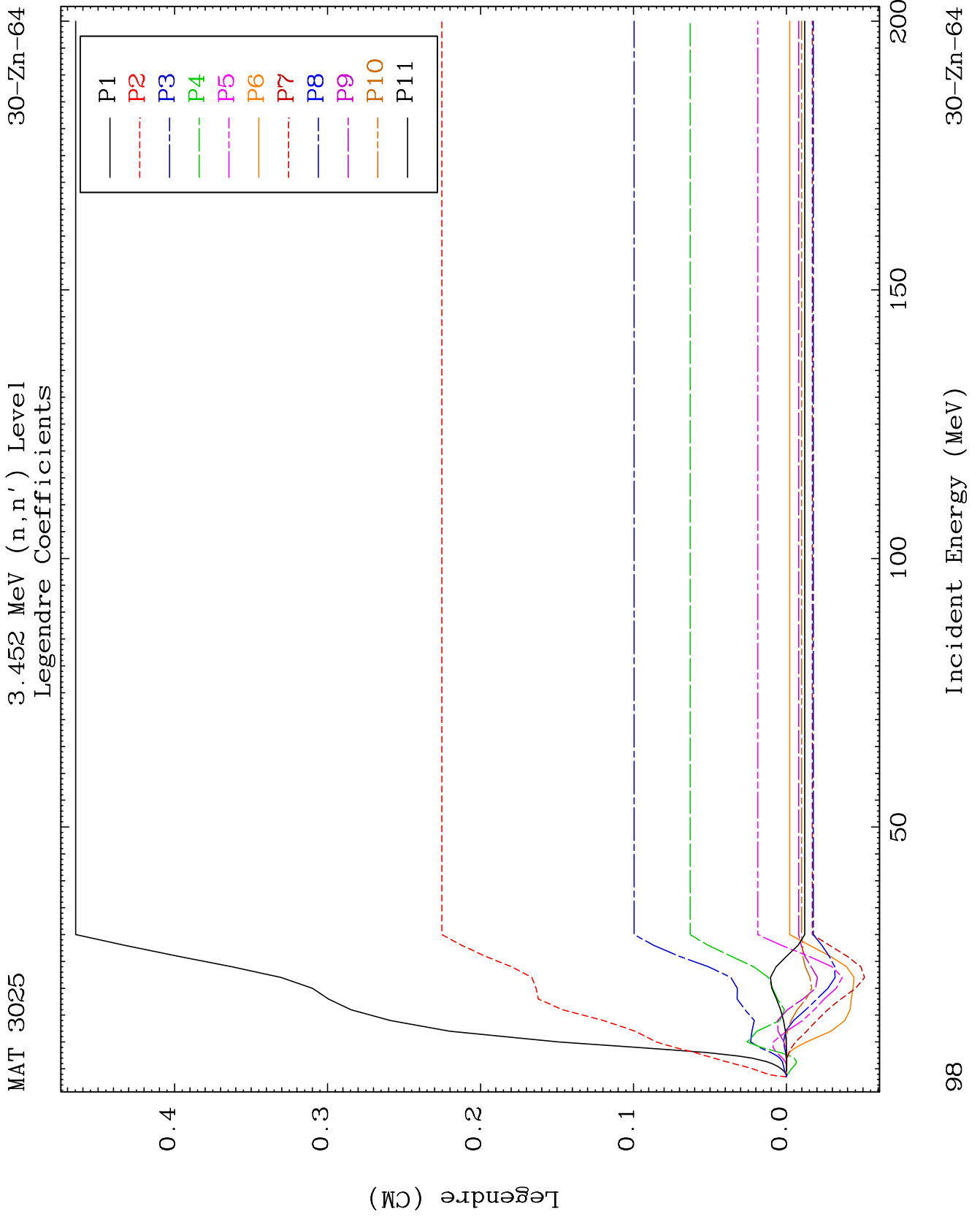


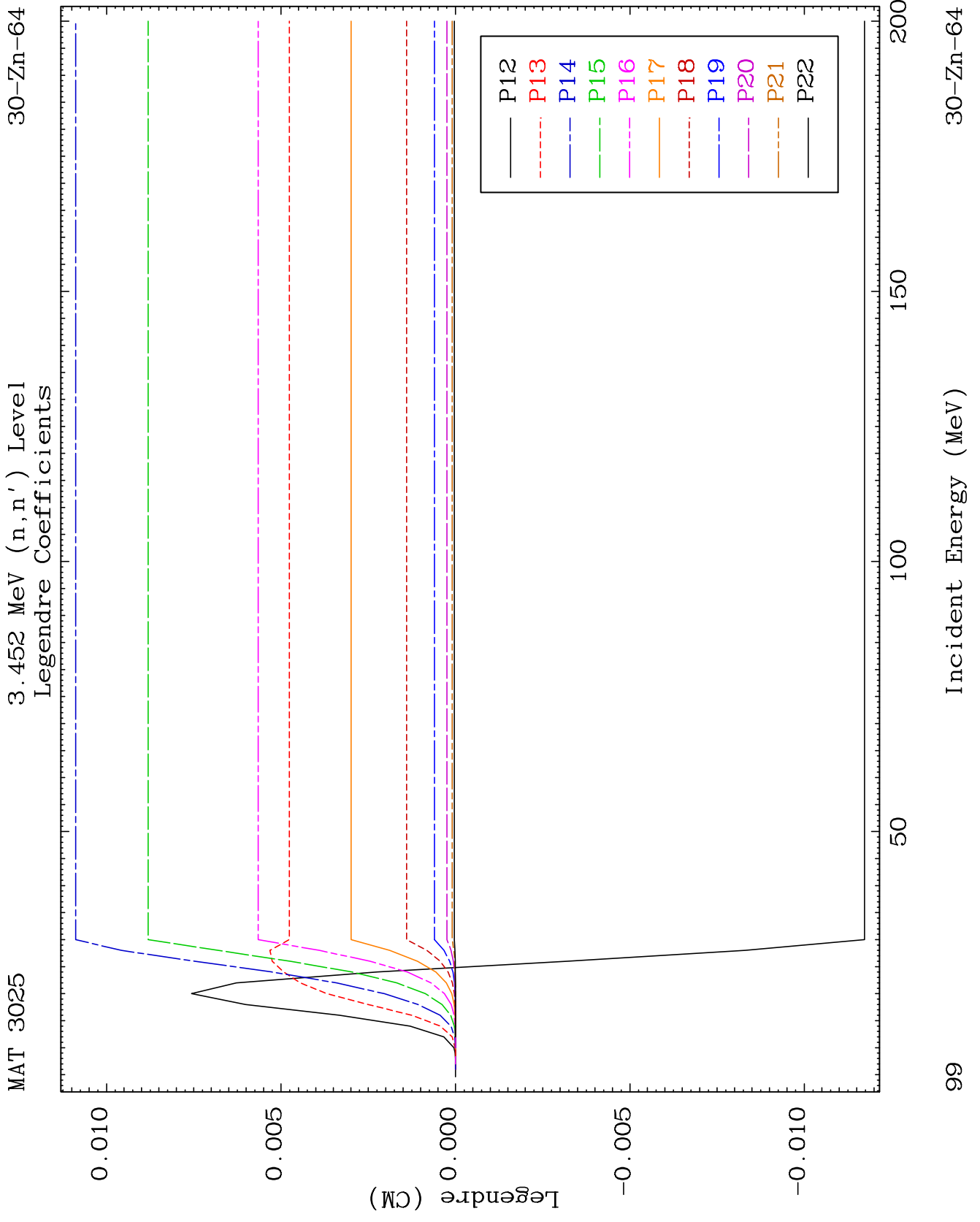


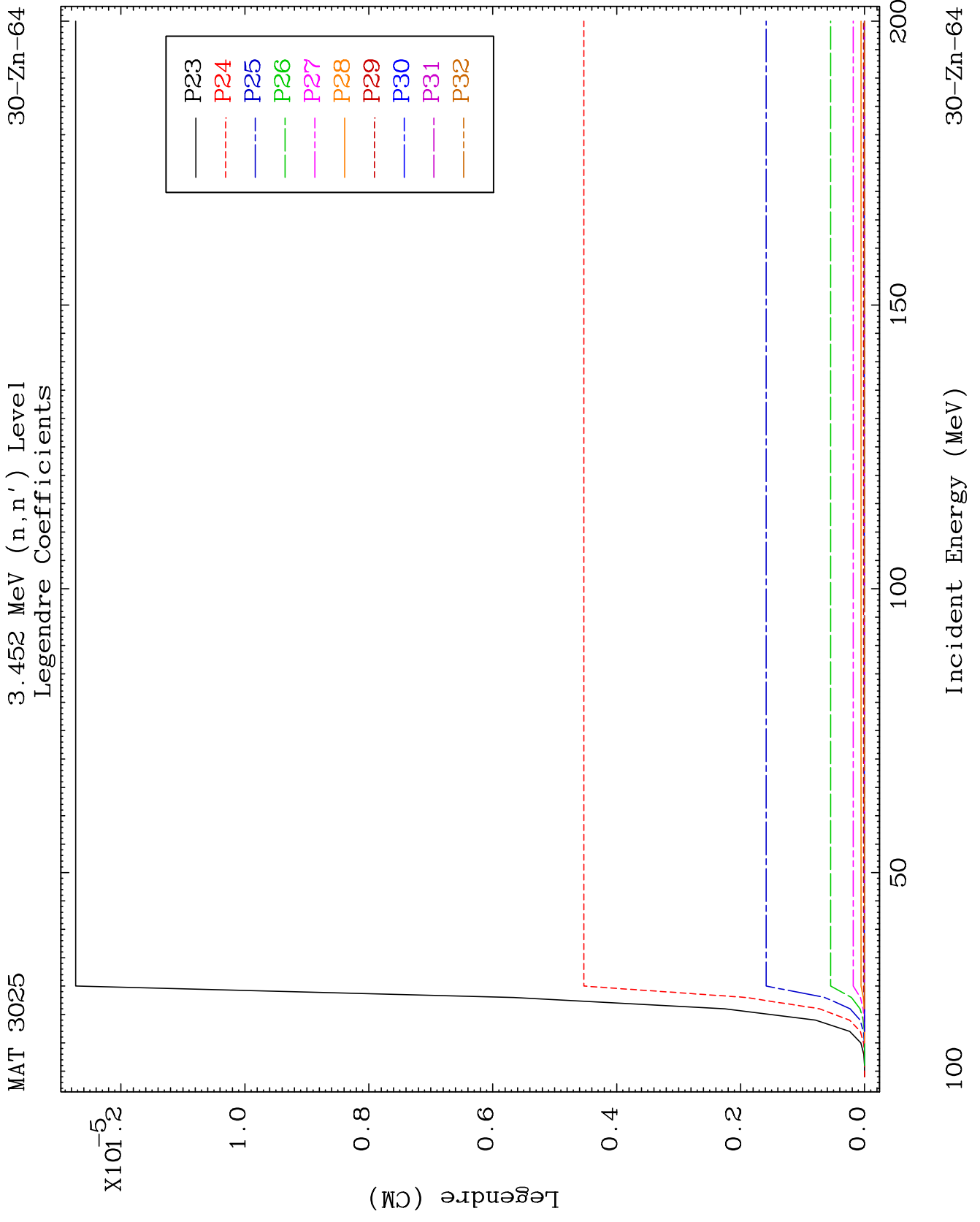


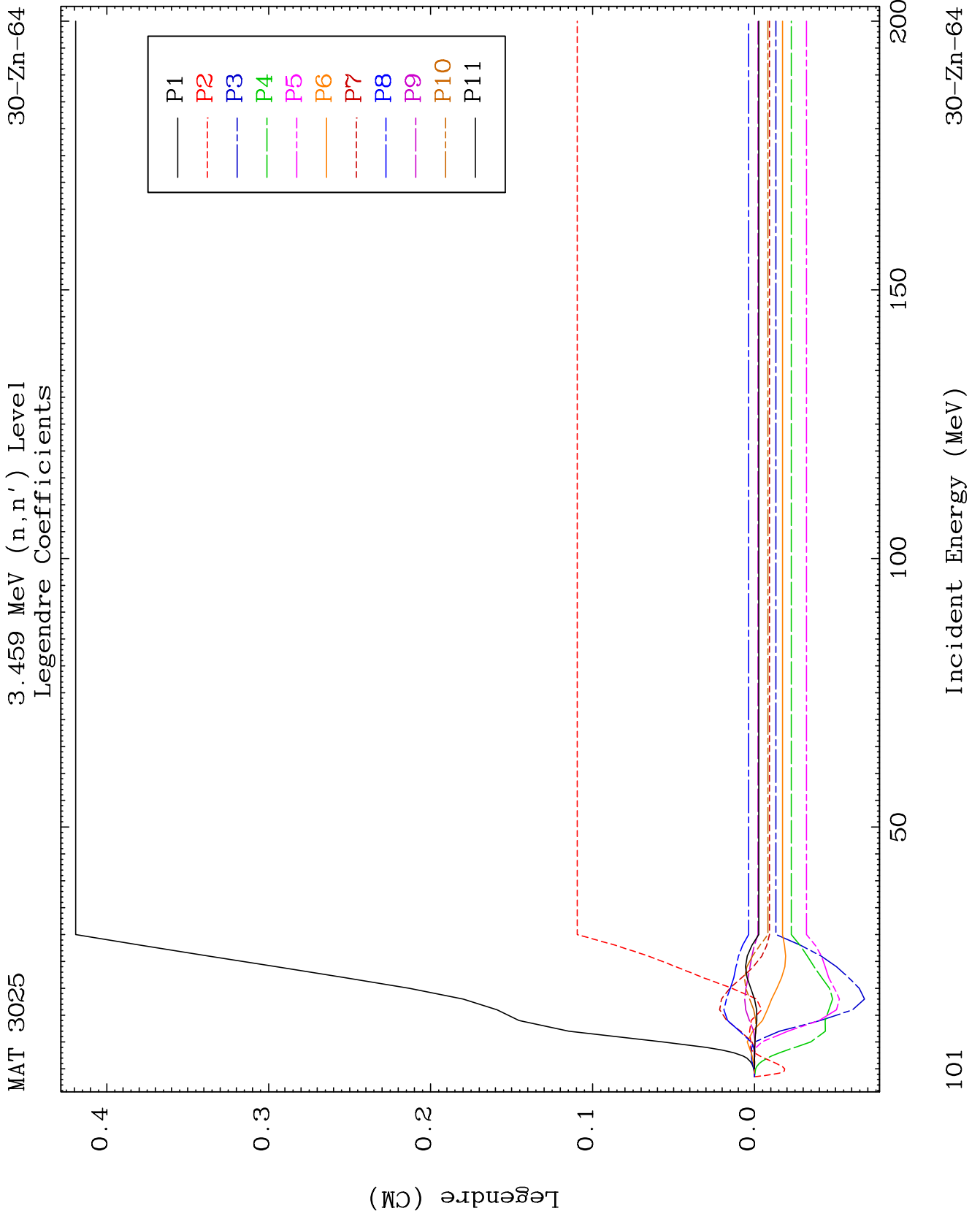








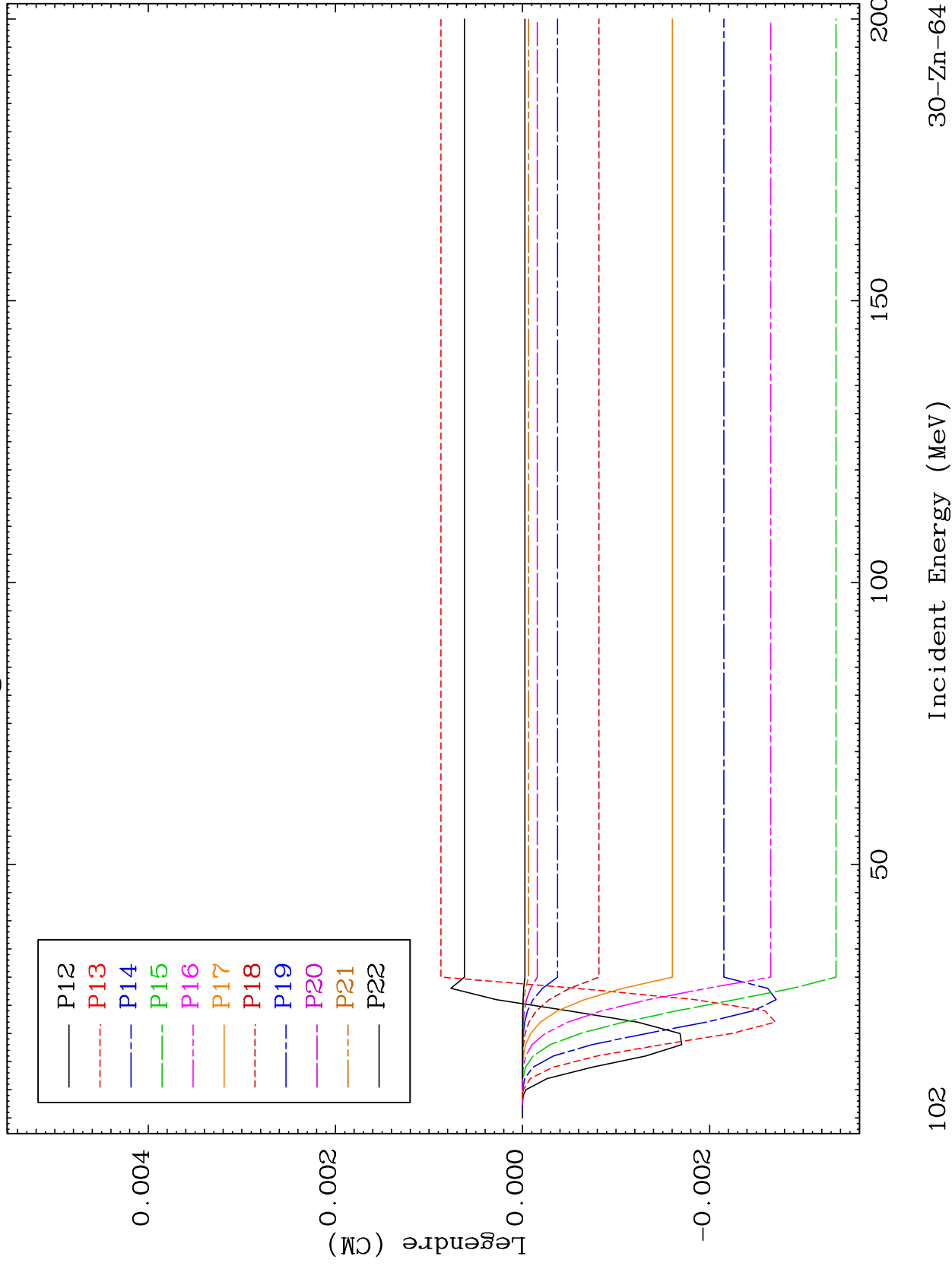




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3.459 MeV (n,n') Level  
Legendre Coefficients

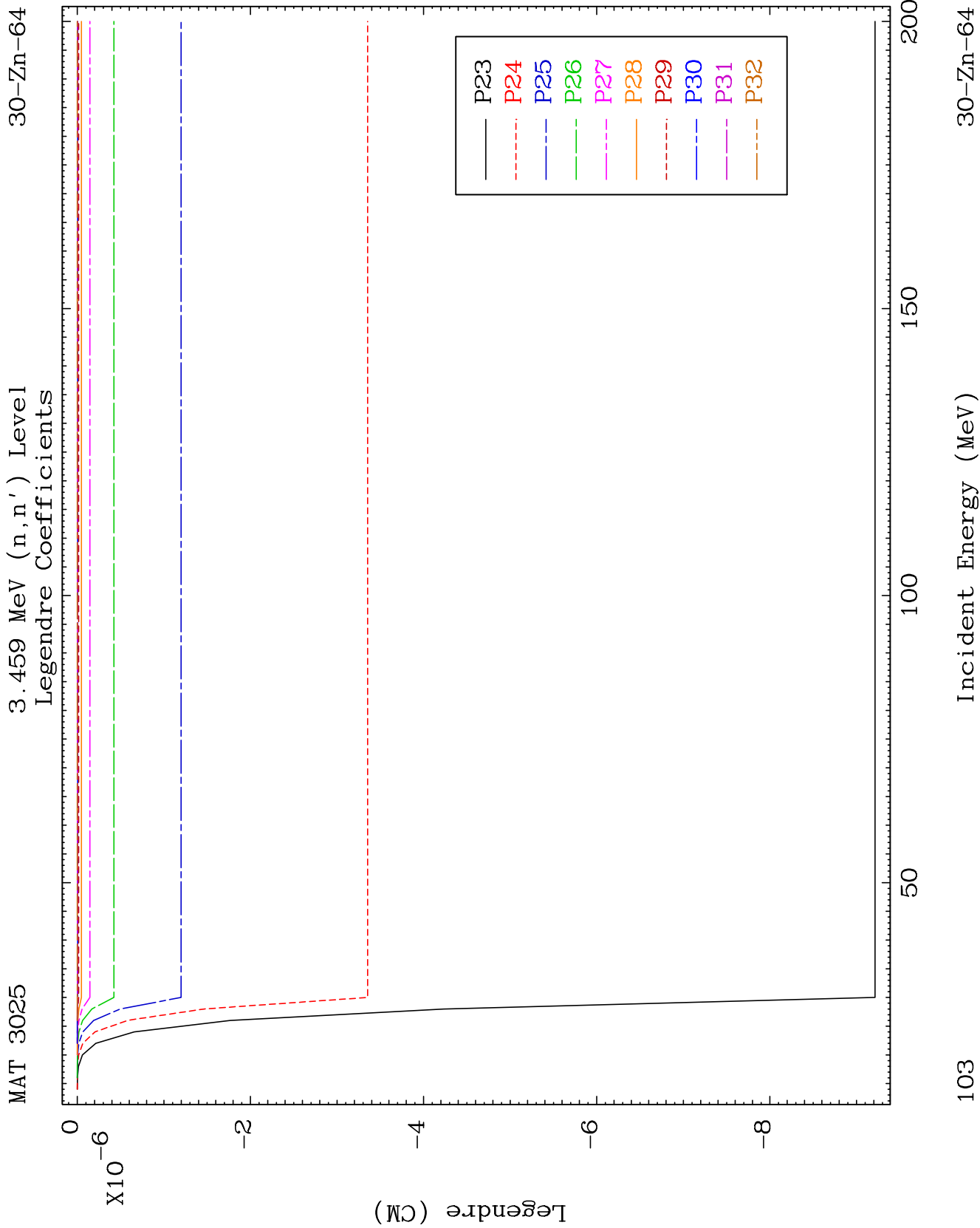
30-Zn-64



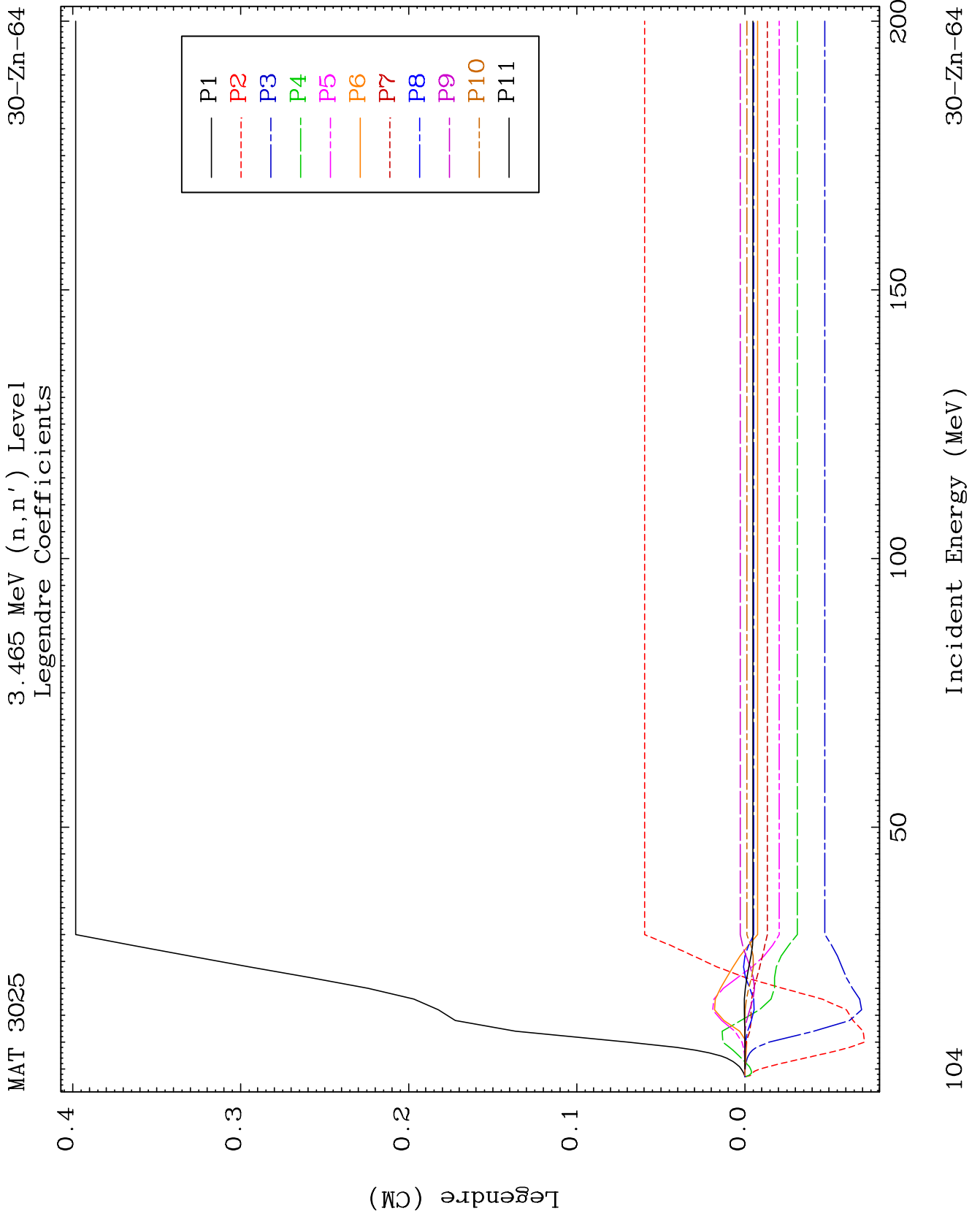
102

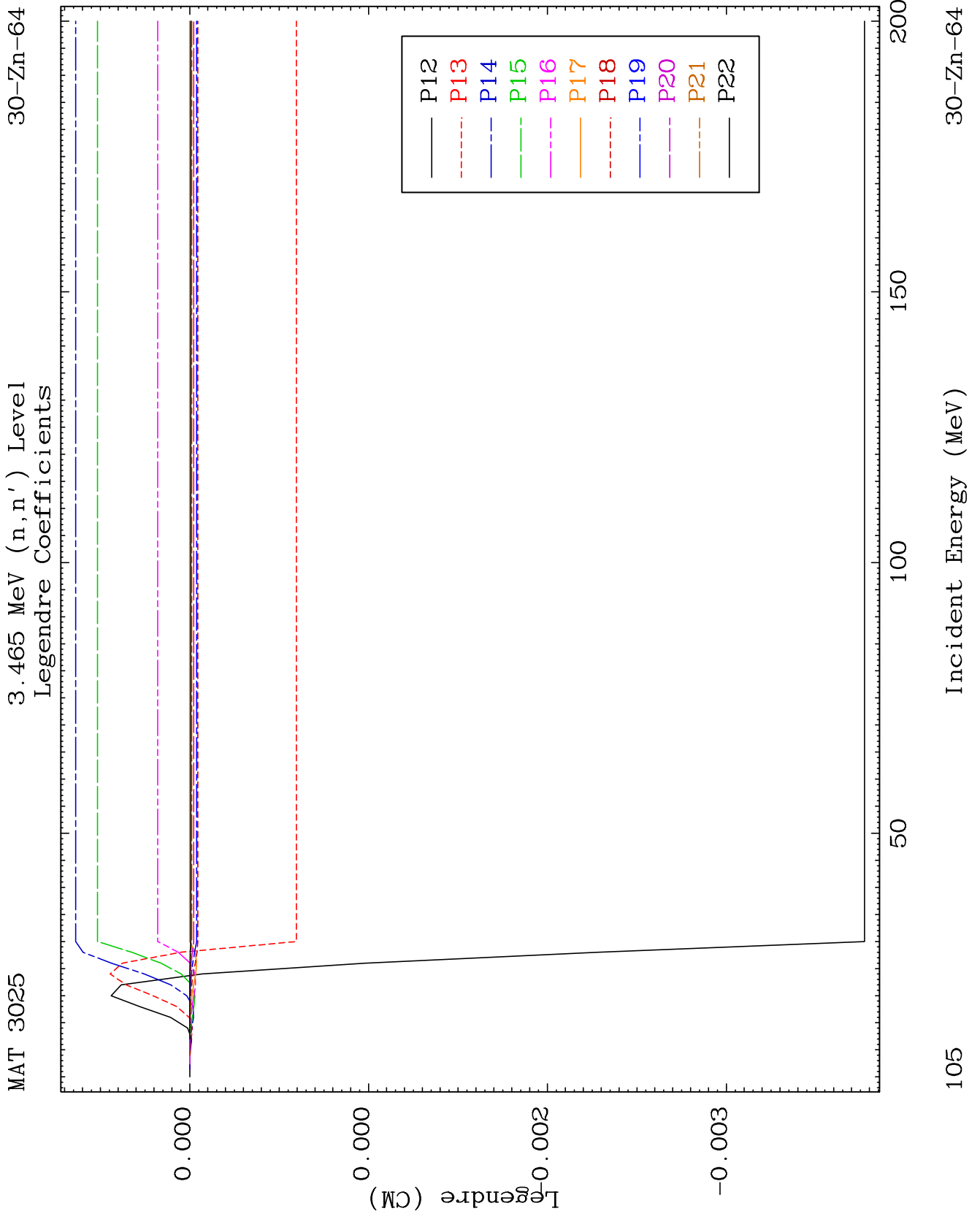
Incident Energy (MeV)

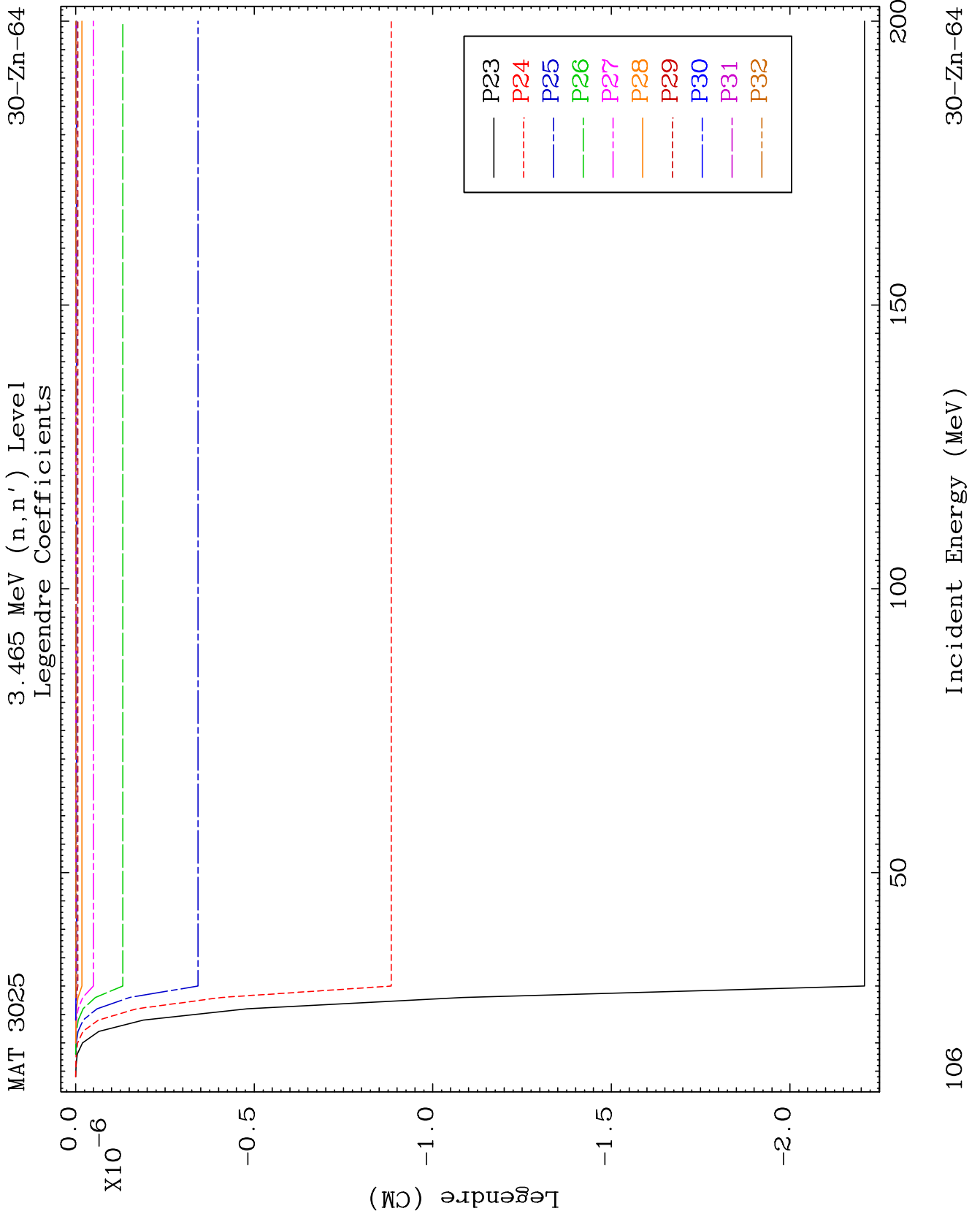
30-Zn-64

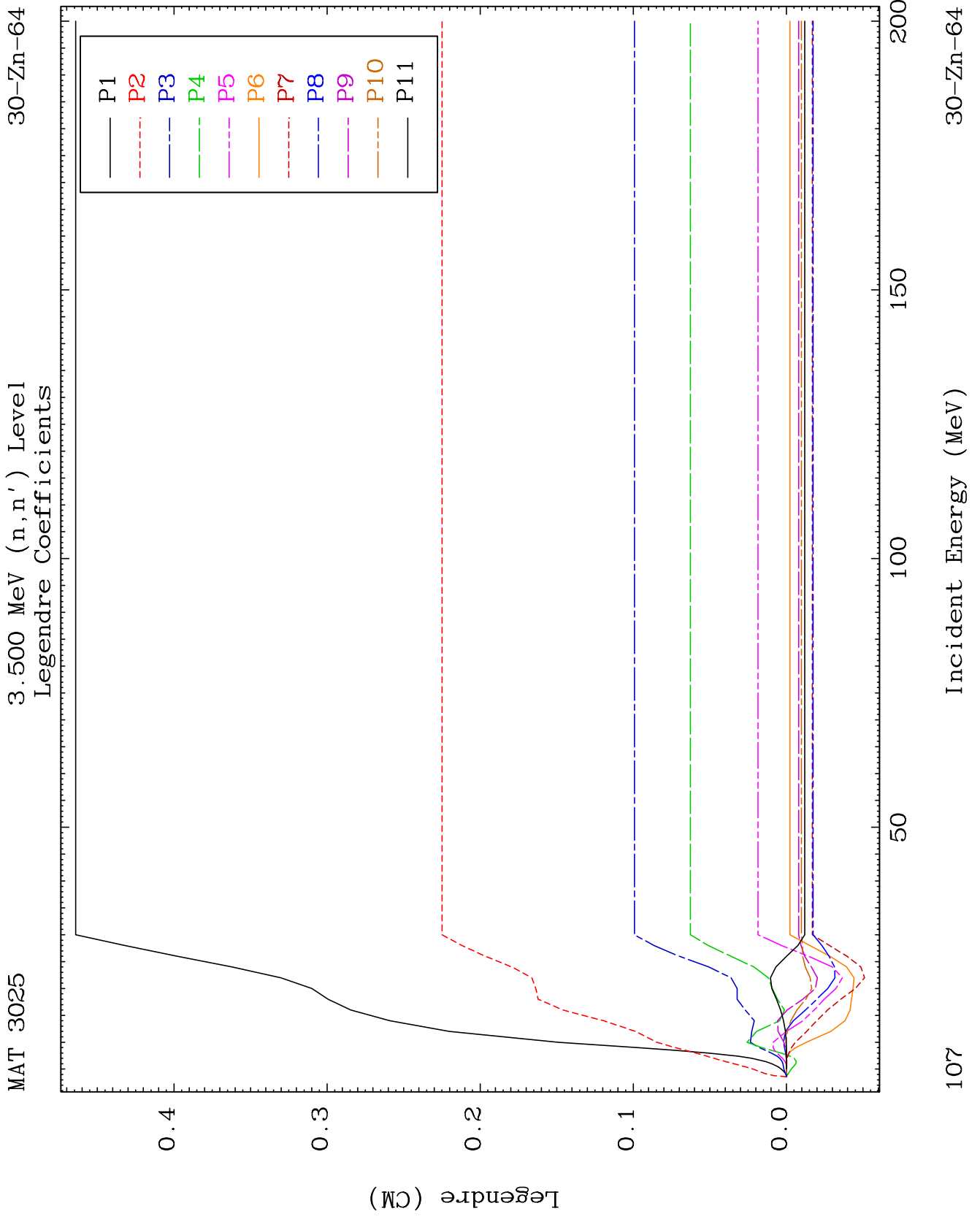


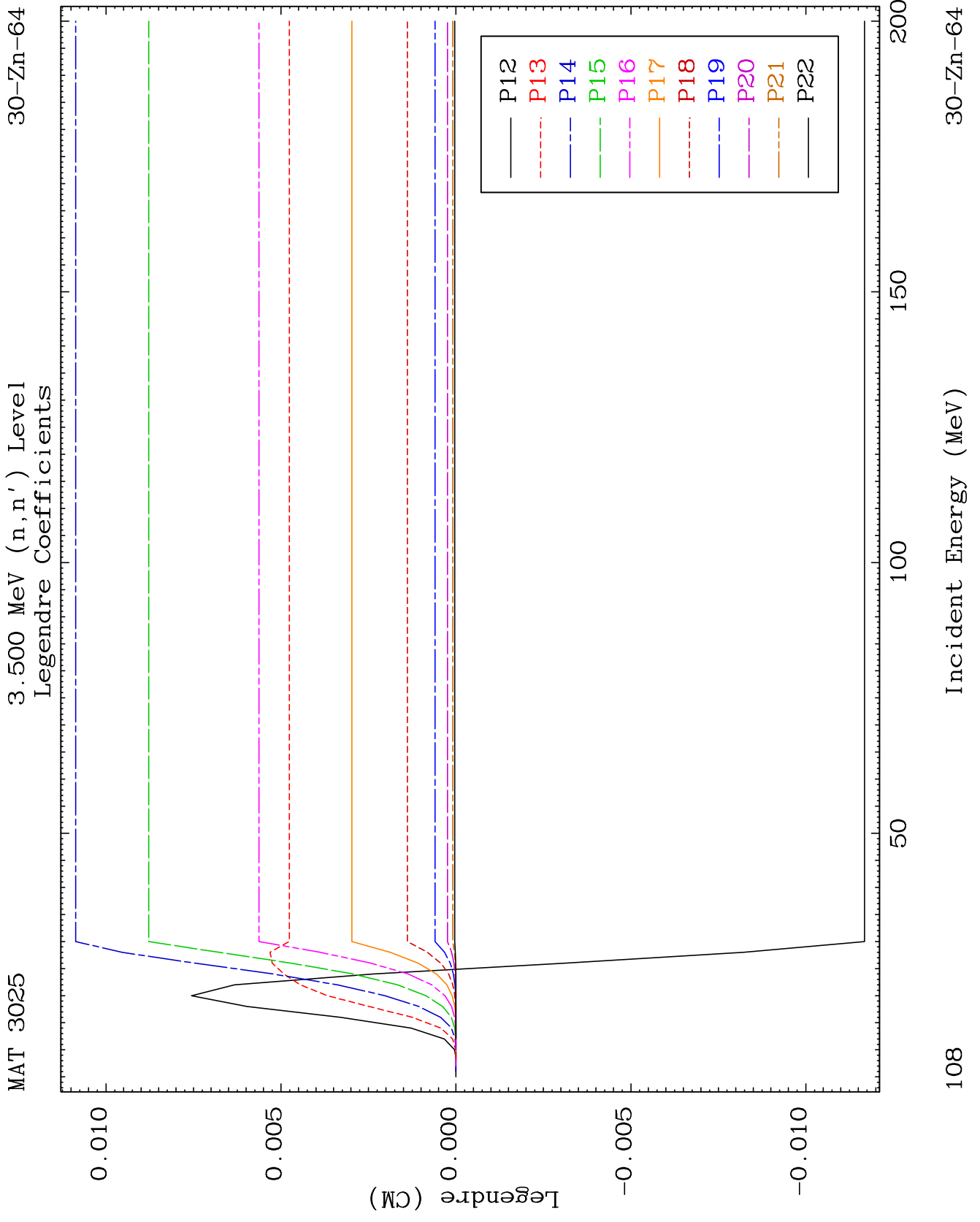


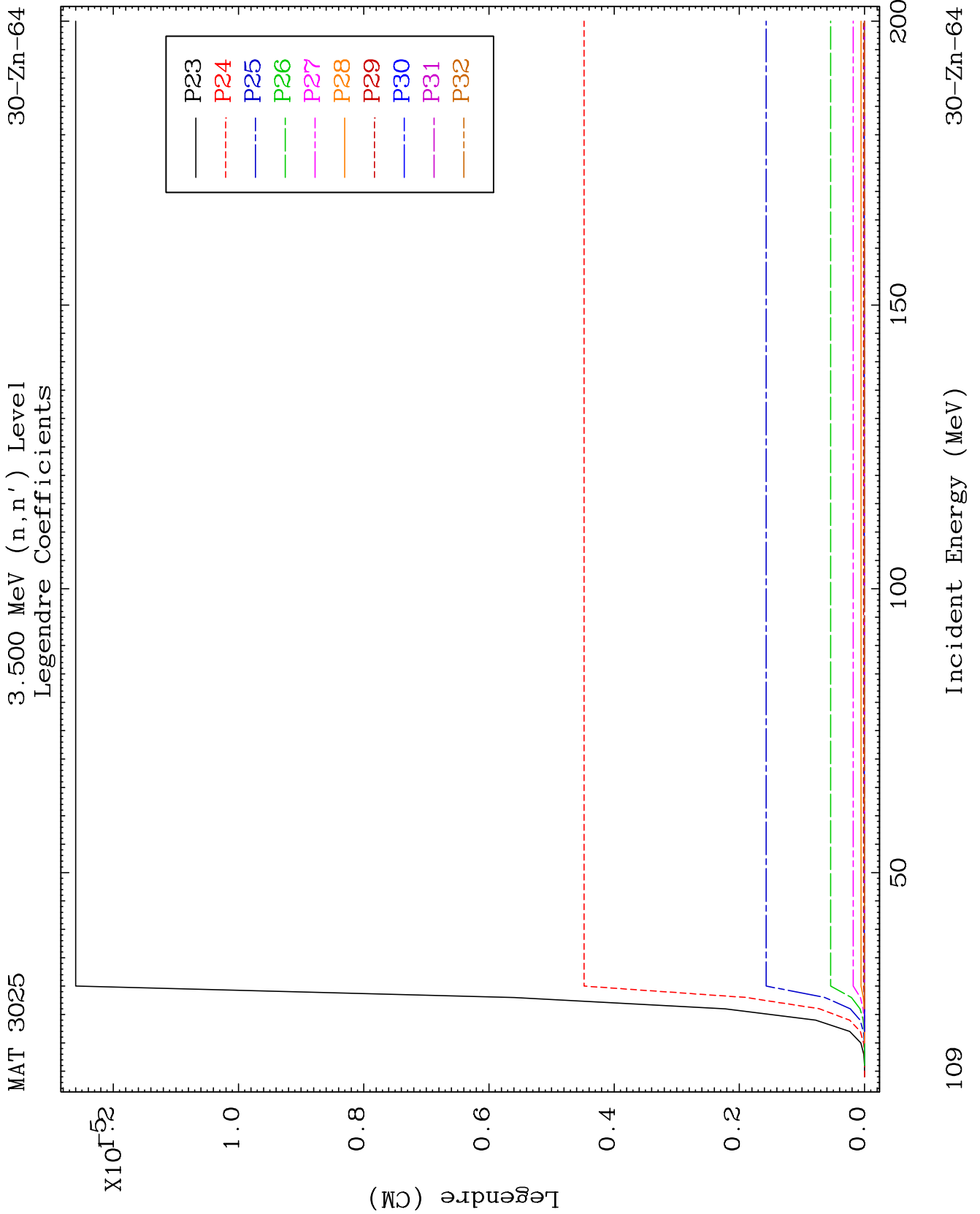










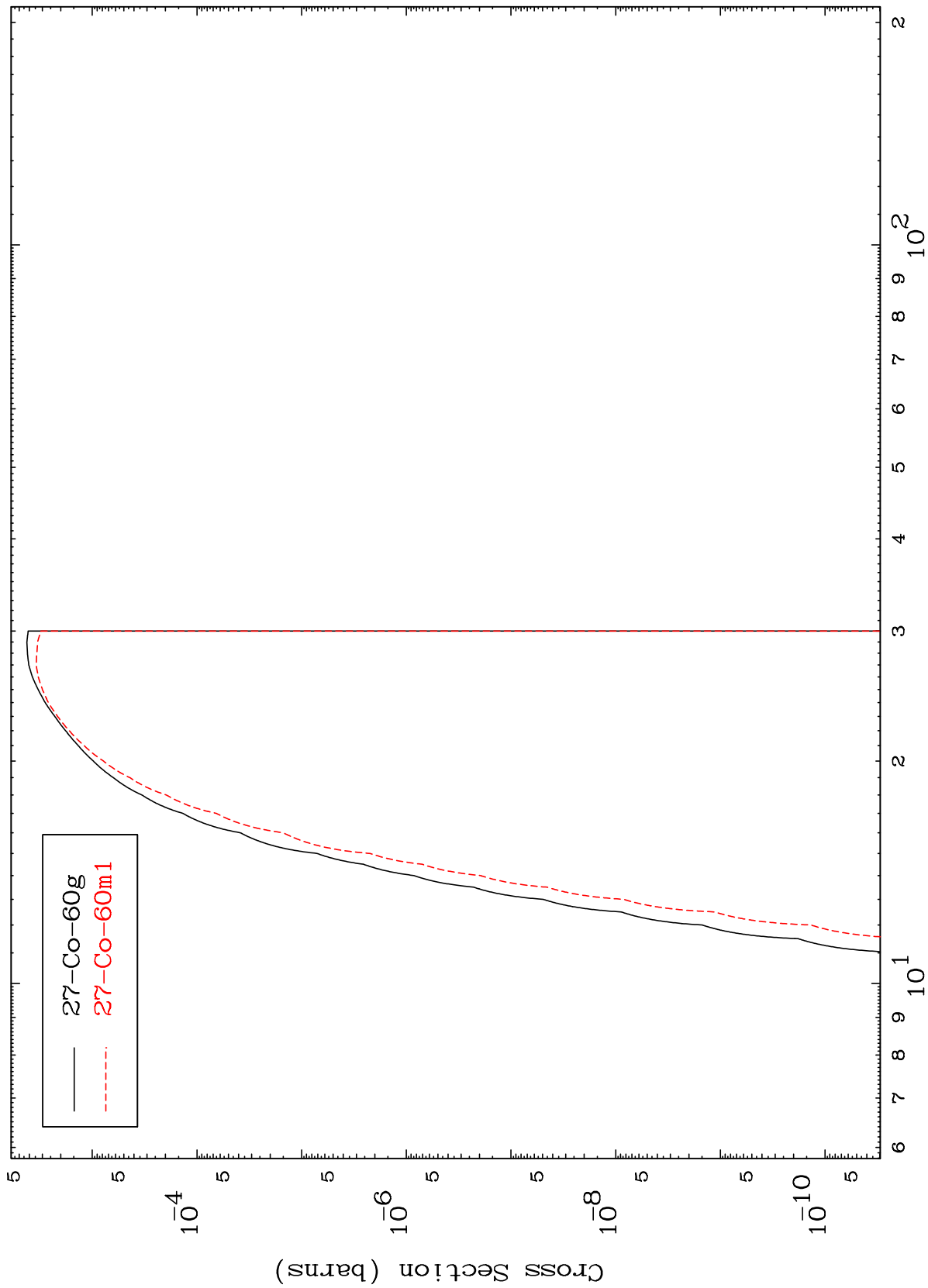


MAT 3025

(n,p)  $\alpha$

30-Zn-64

Radionuclide Production Cross Section



110

Incident Energy (MeV)

30-Zn-64