

Program EVALPLOT  
(Version 2015-2)

by

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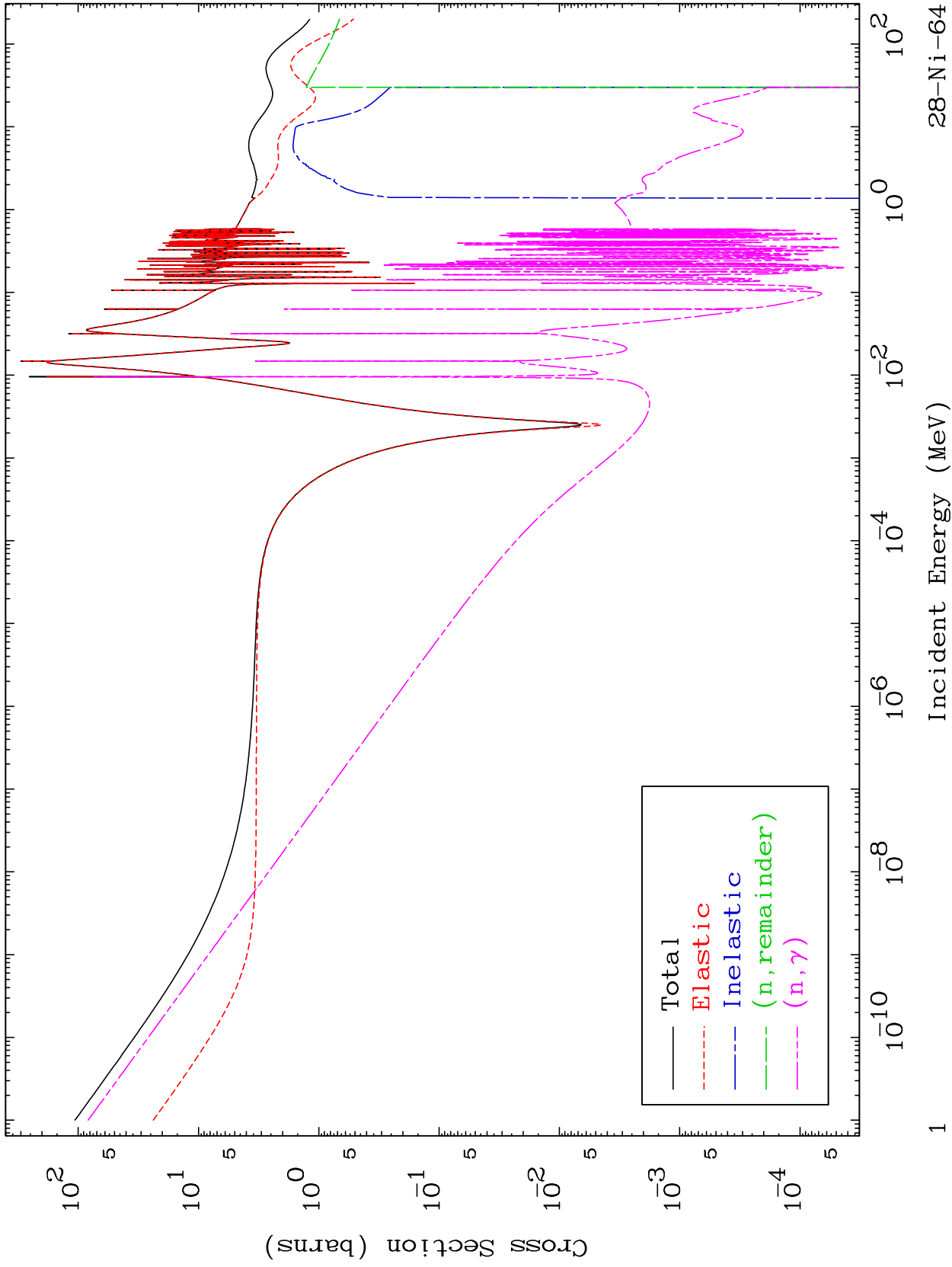
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2843

Major  
293 Kelvin Cross Sections

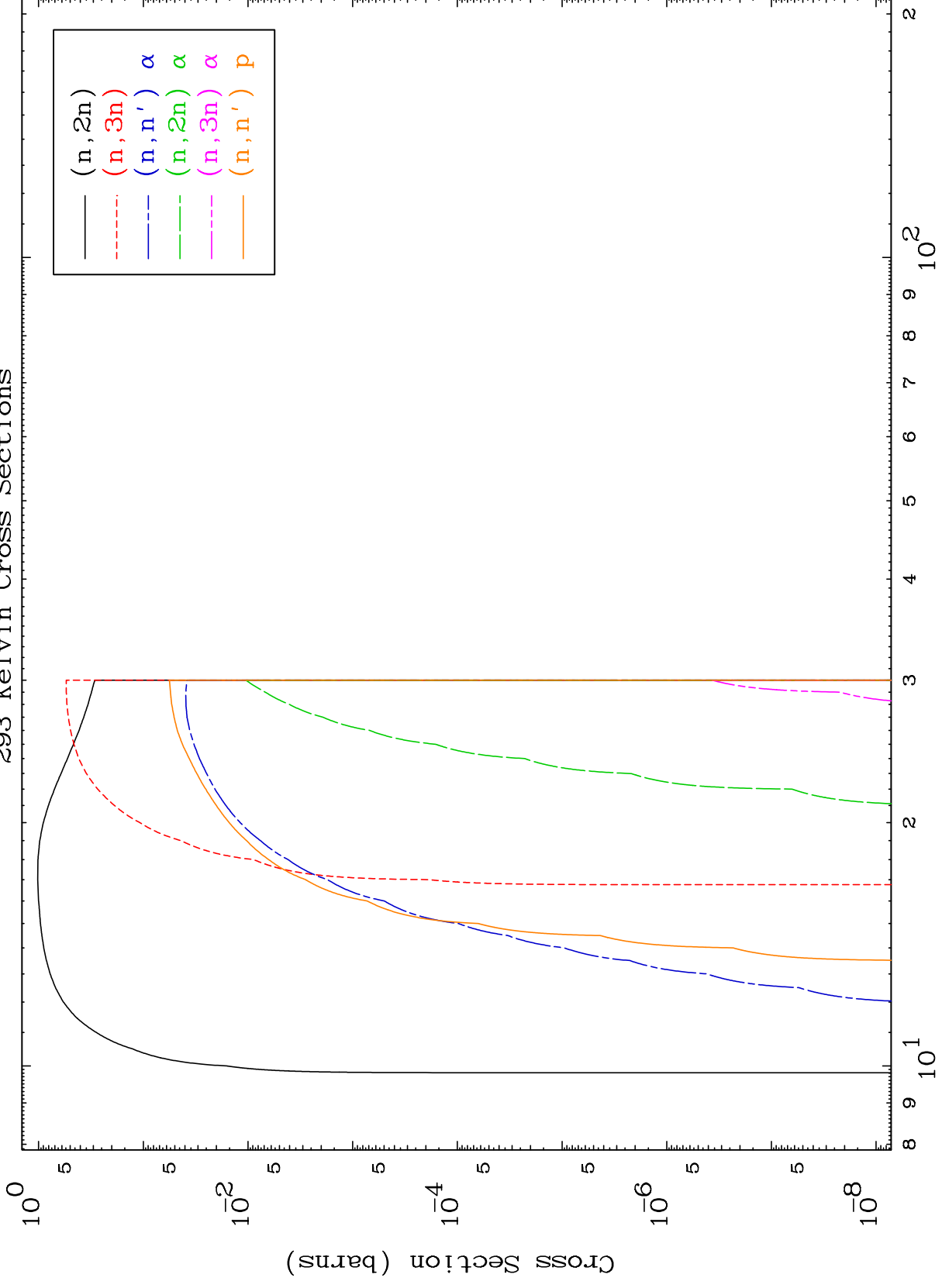
28-Ni-64



MAT 2843

Neutron Production  
293 Kelvin Cross Sections

28-Ni-64



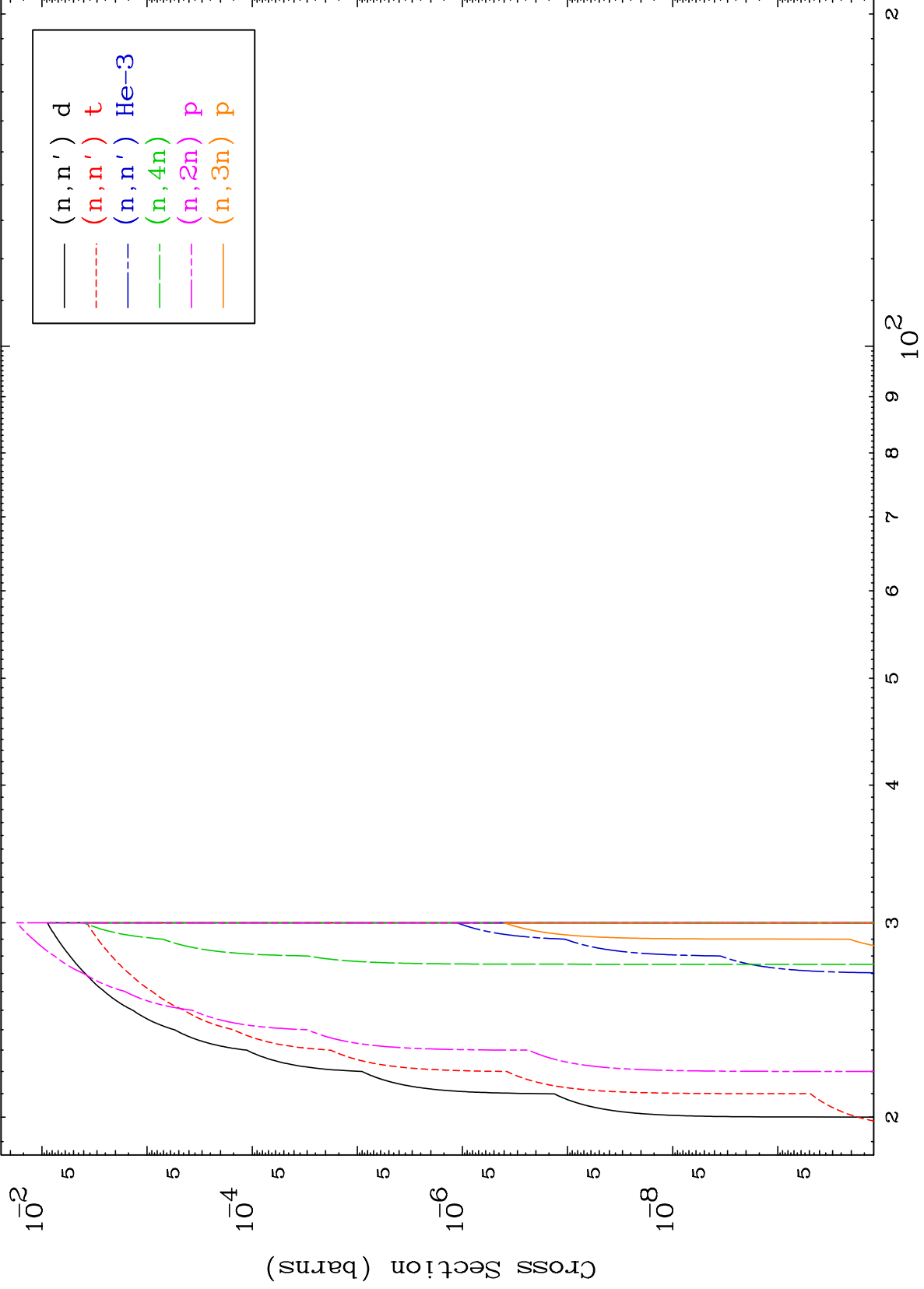
Incident Energy (MeV)

28-Ni-64

MAT 2843

Neutron Production  
293 Kelvin Cross Sections

28-Ni-64



3

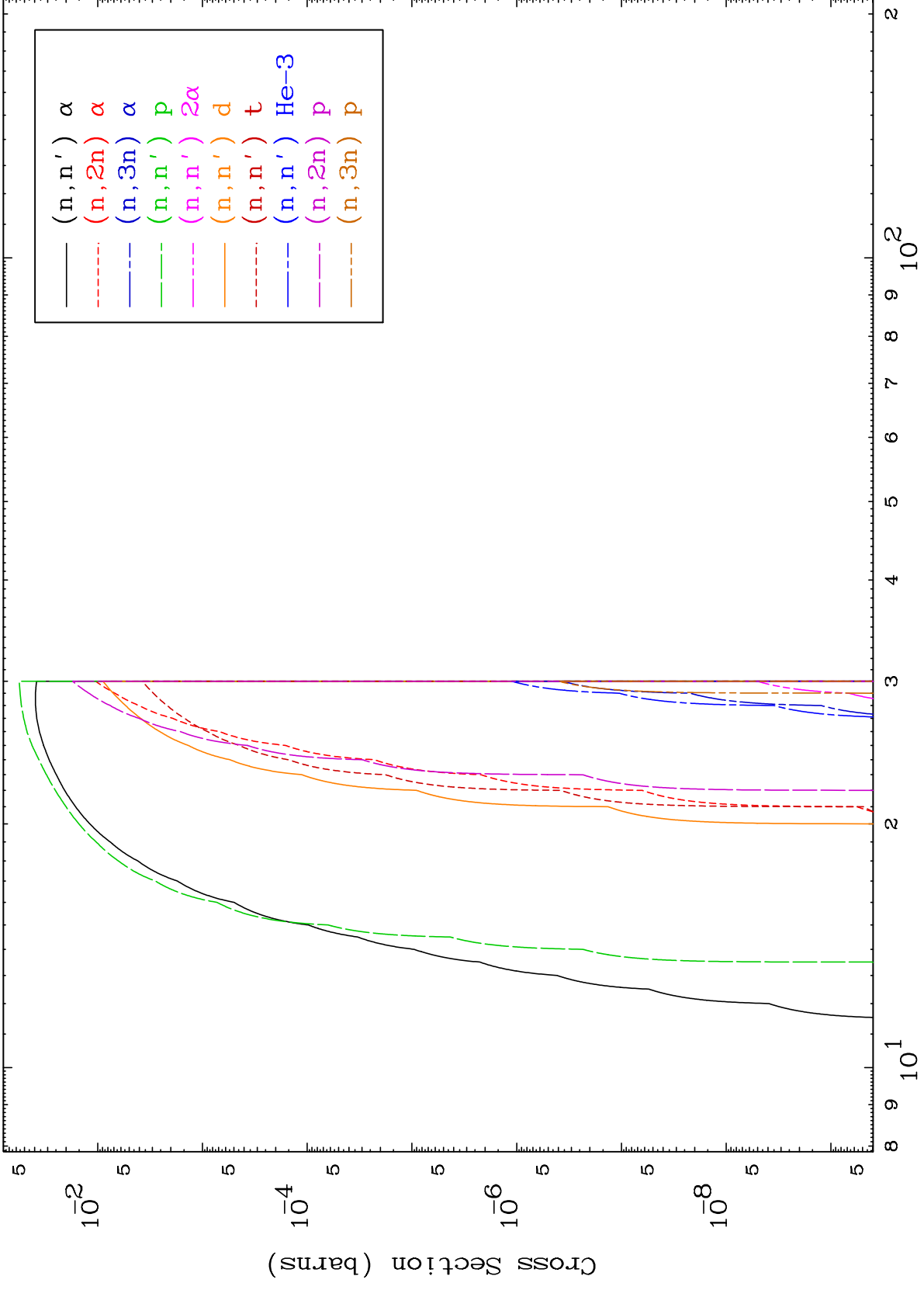
Incident Energy (MeV)

28-Ni-64

MAT 2843

Charged Particle  
293 Kelvin Cross Sections

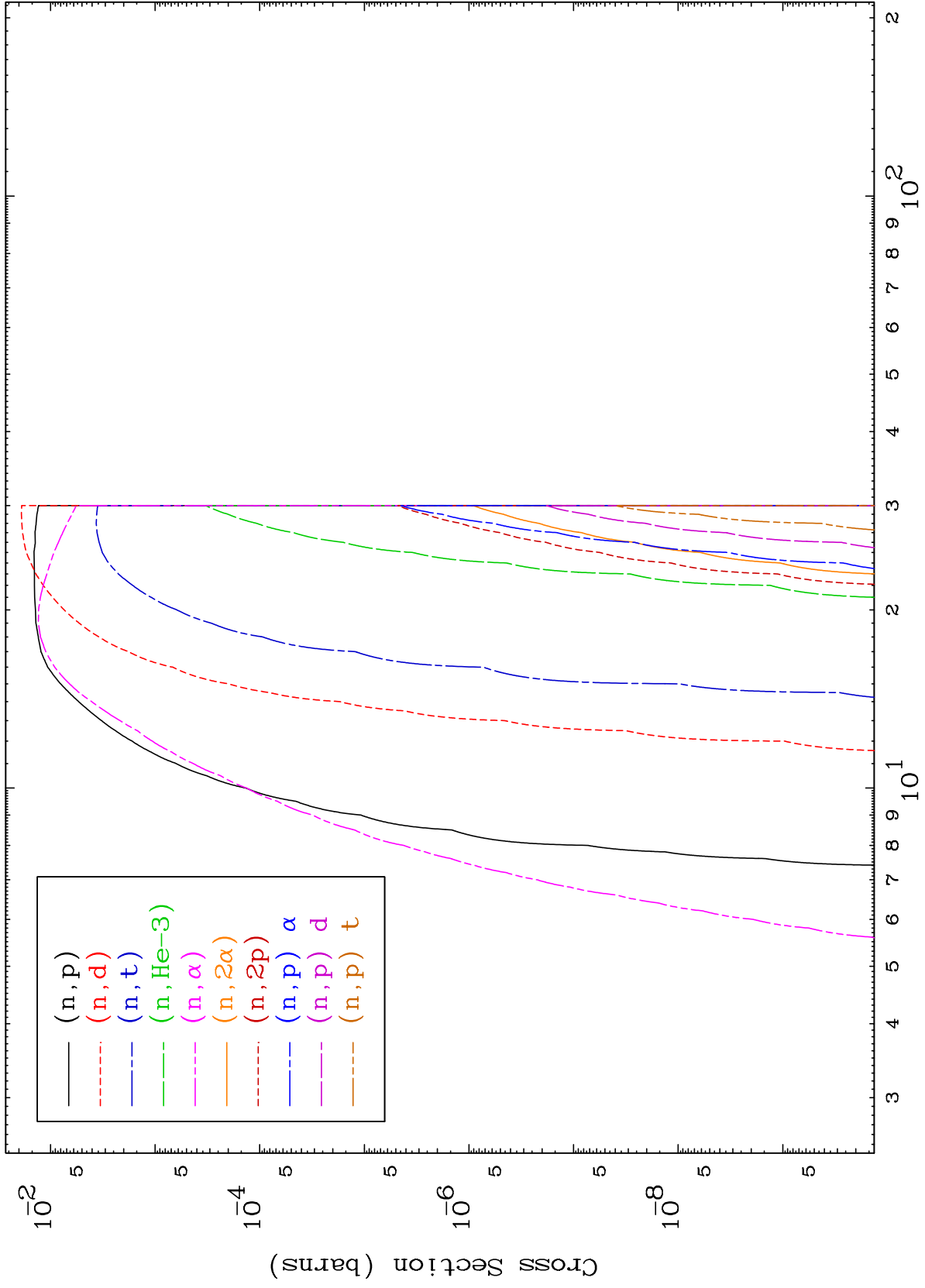
28-Ni-64



Incident Energy (MeV)

28-Ni-64

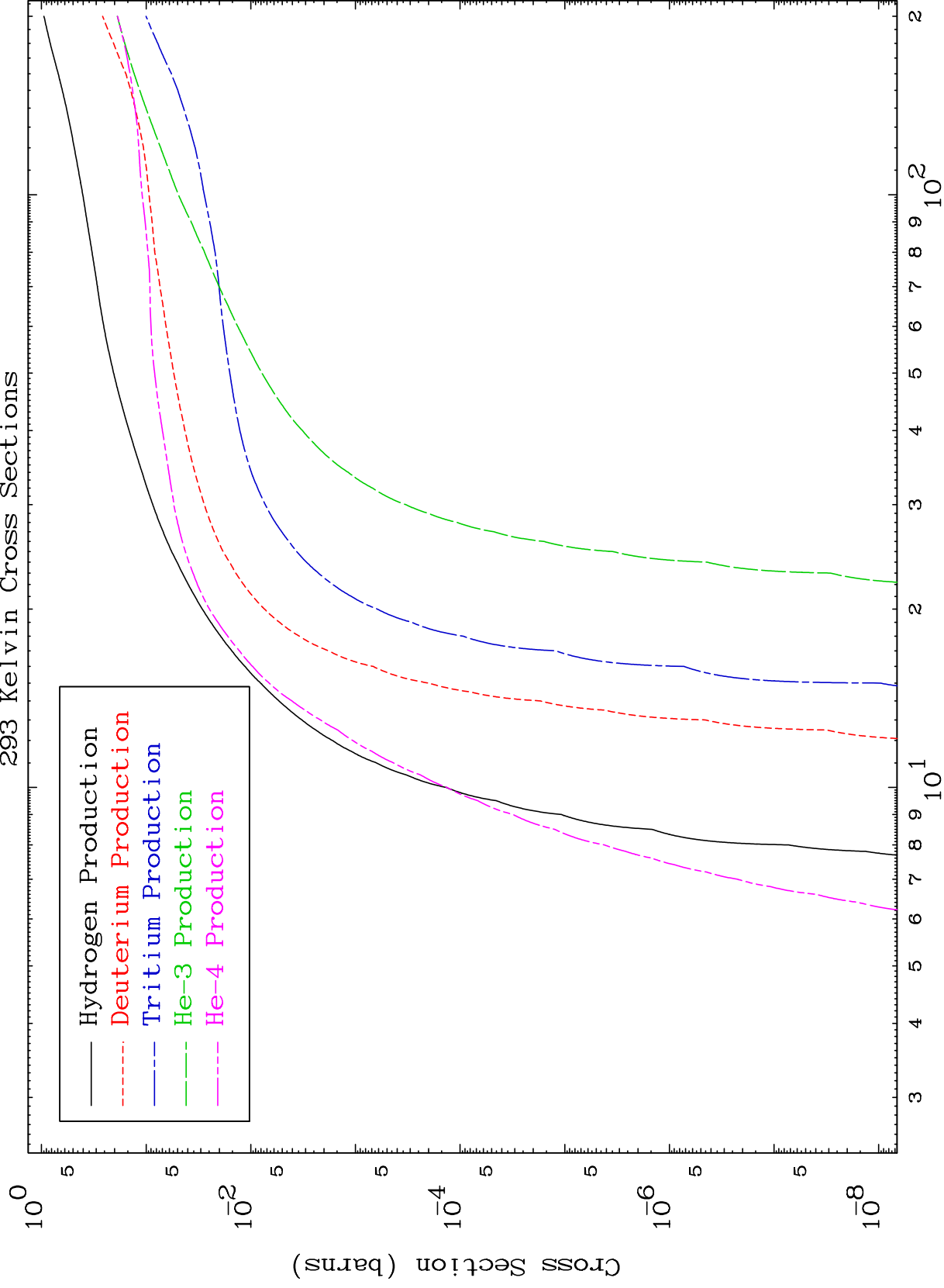
4



MAT 2843

Particle Production  
293 Kelvin Cross Sections

28-Ni-64



6

Incident Energy (MeV)

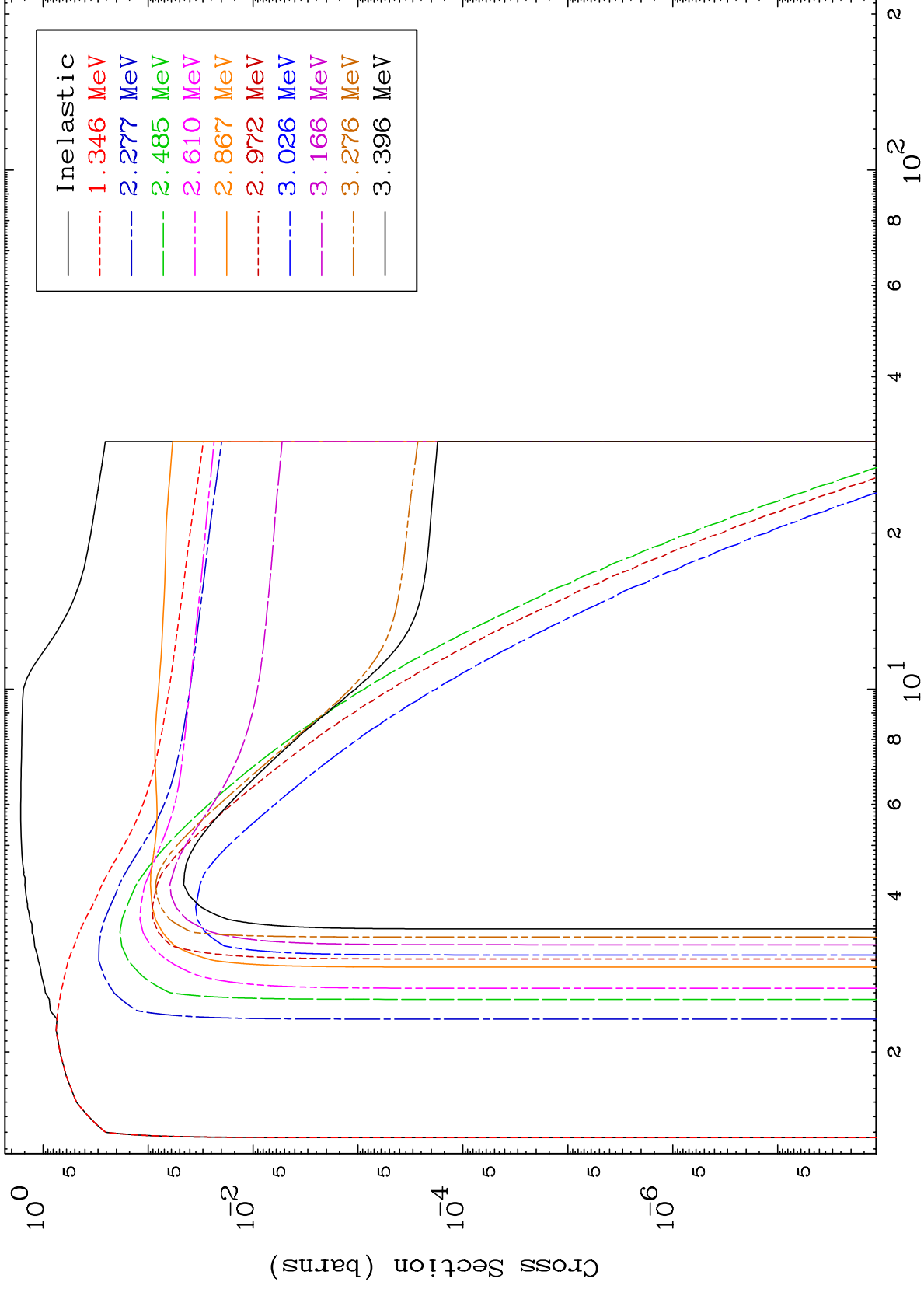
28-Ni-64

MAT 2843

(n,n') Level

28-Ni-64

293 Kelvin Cross Sections



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Incident Energy (MeV)

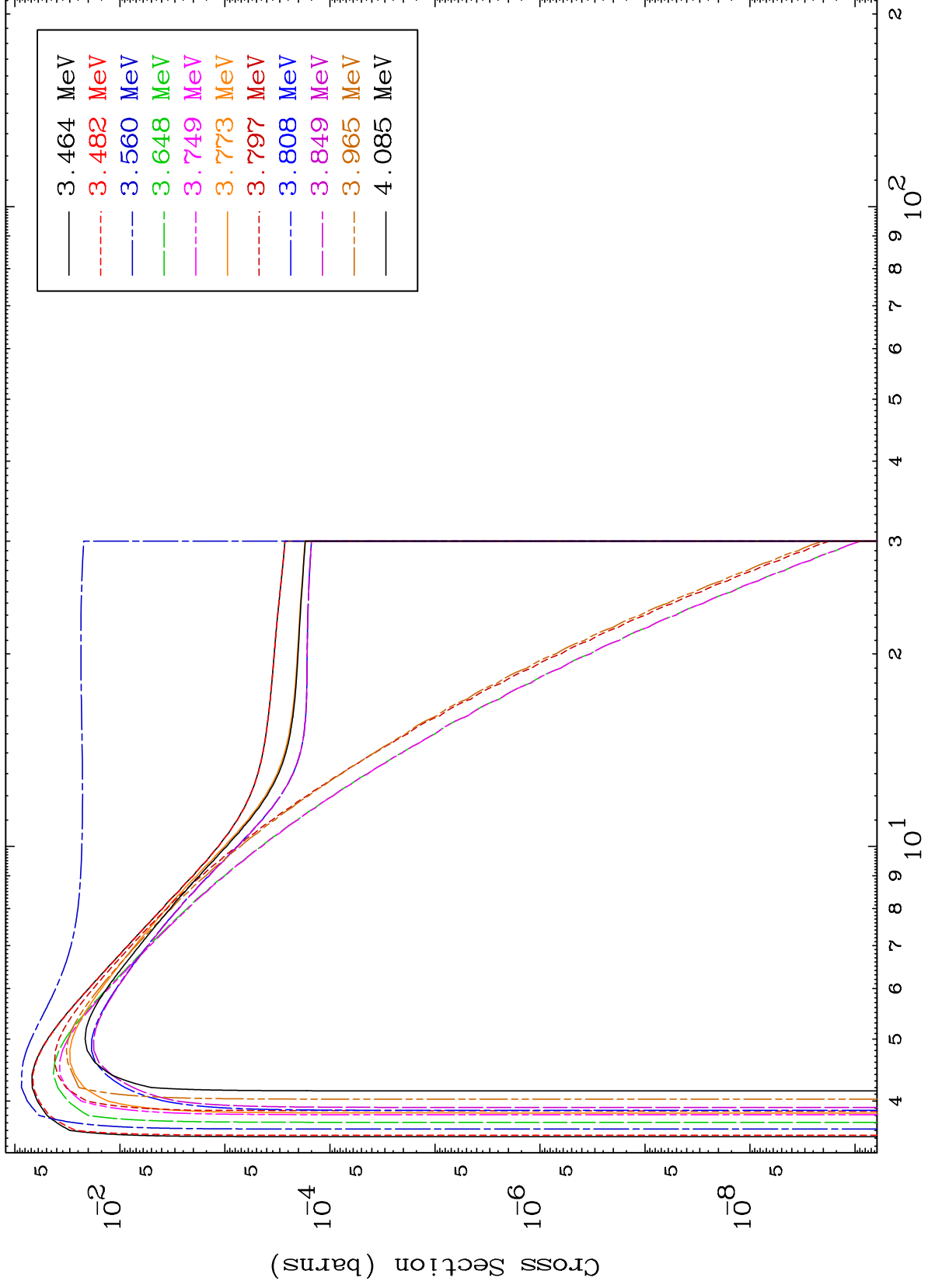
28-Ni-64



MAT 2843

(n,n') Level  
293 Kelvin Cross Sections

28-Ni-64



8

Incident Energy (MeV)

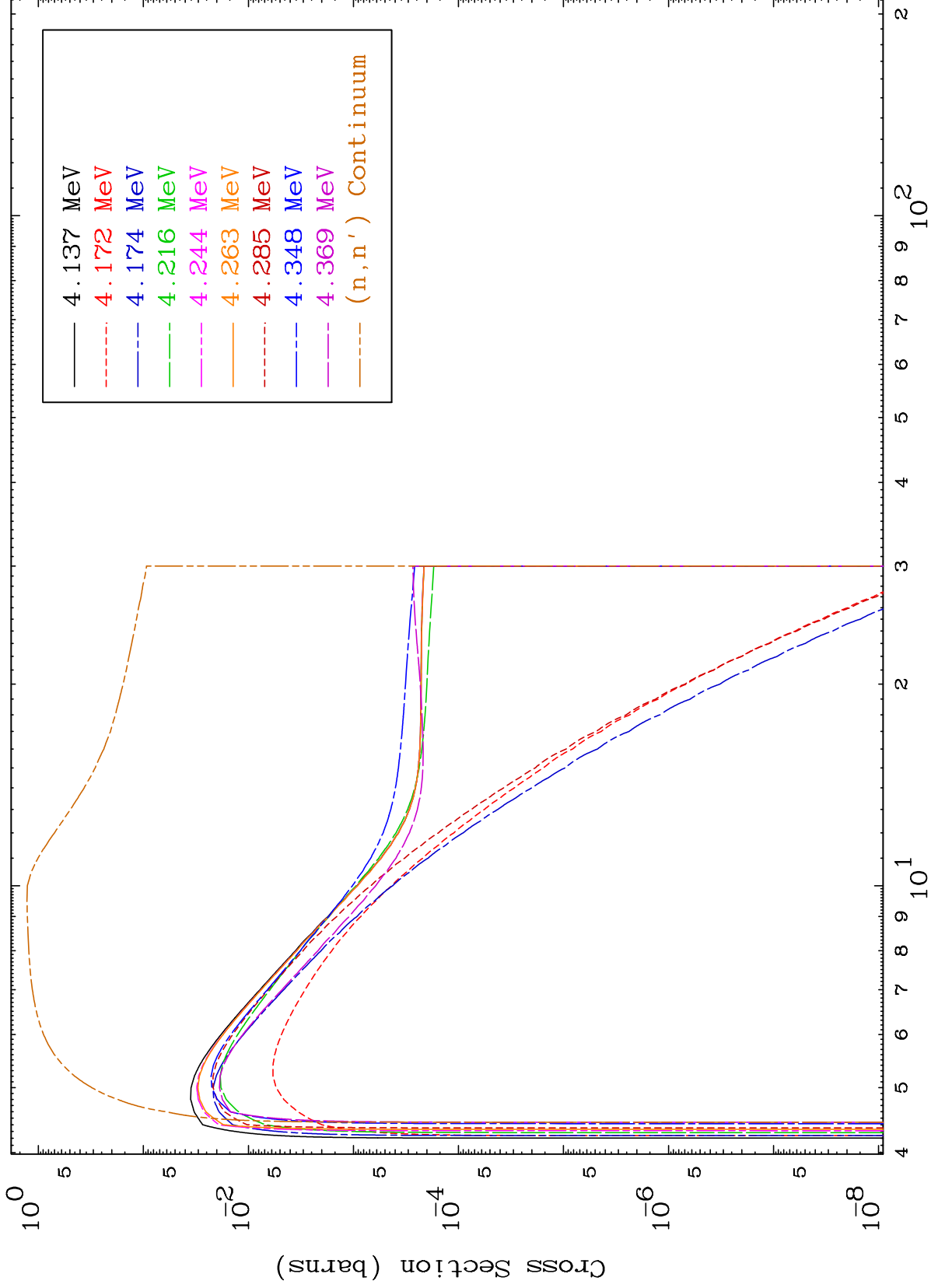
28-Ni-64

MAT 2843

(n,n') Level

28-Ni-64

293 Kelvin Cross Sections



9

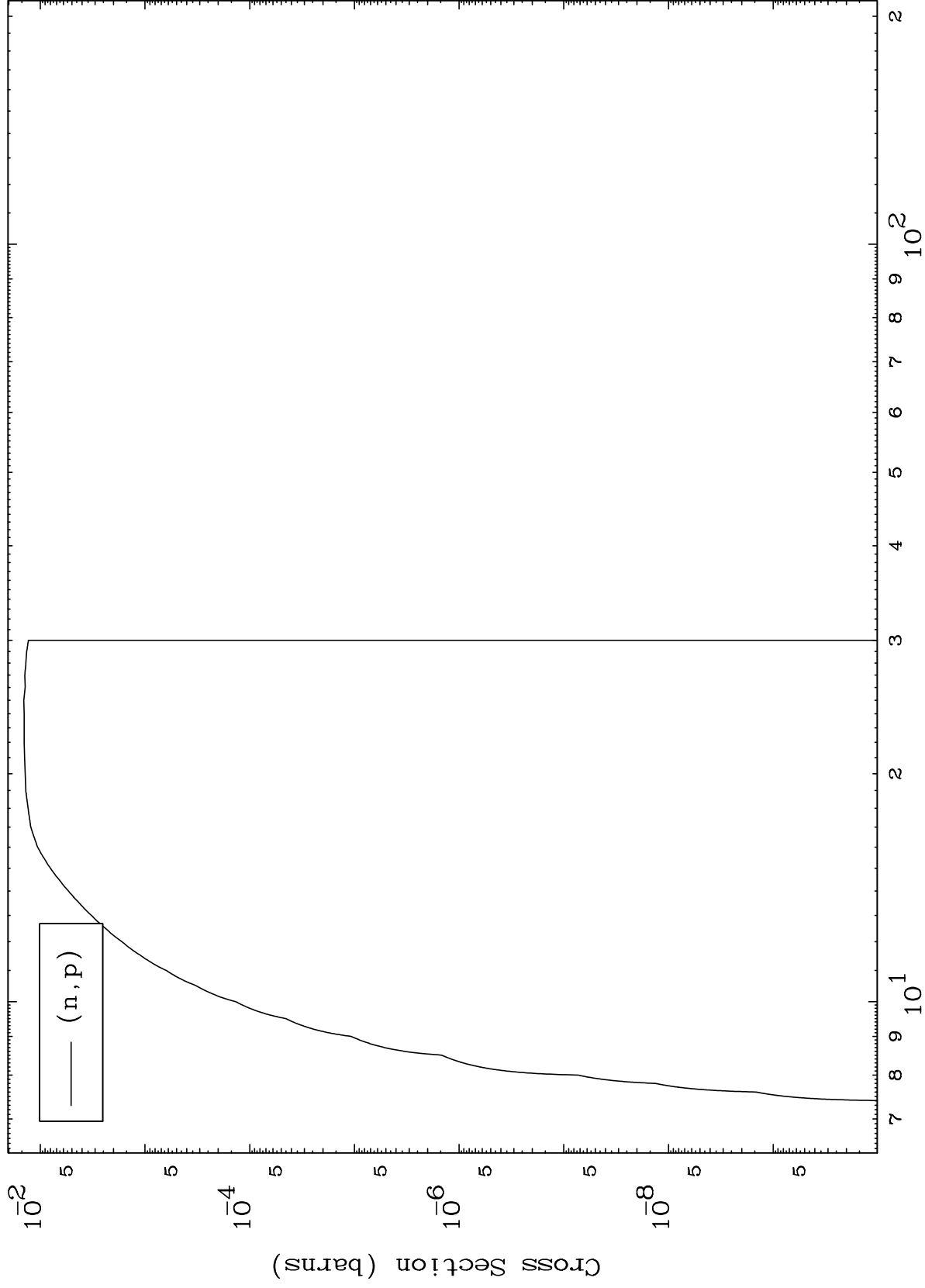
Incident Energy (MeV)

28-Ni-64

MAT 2843

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-64



10

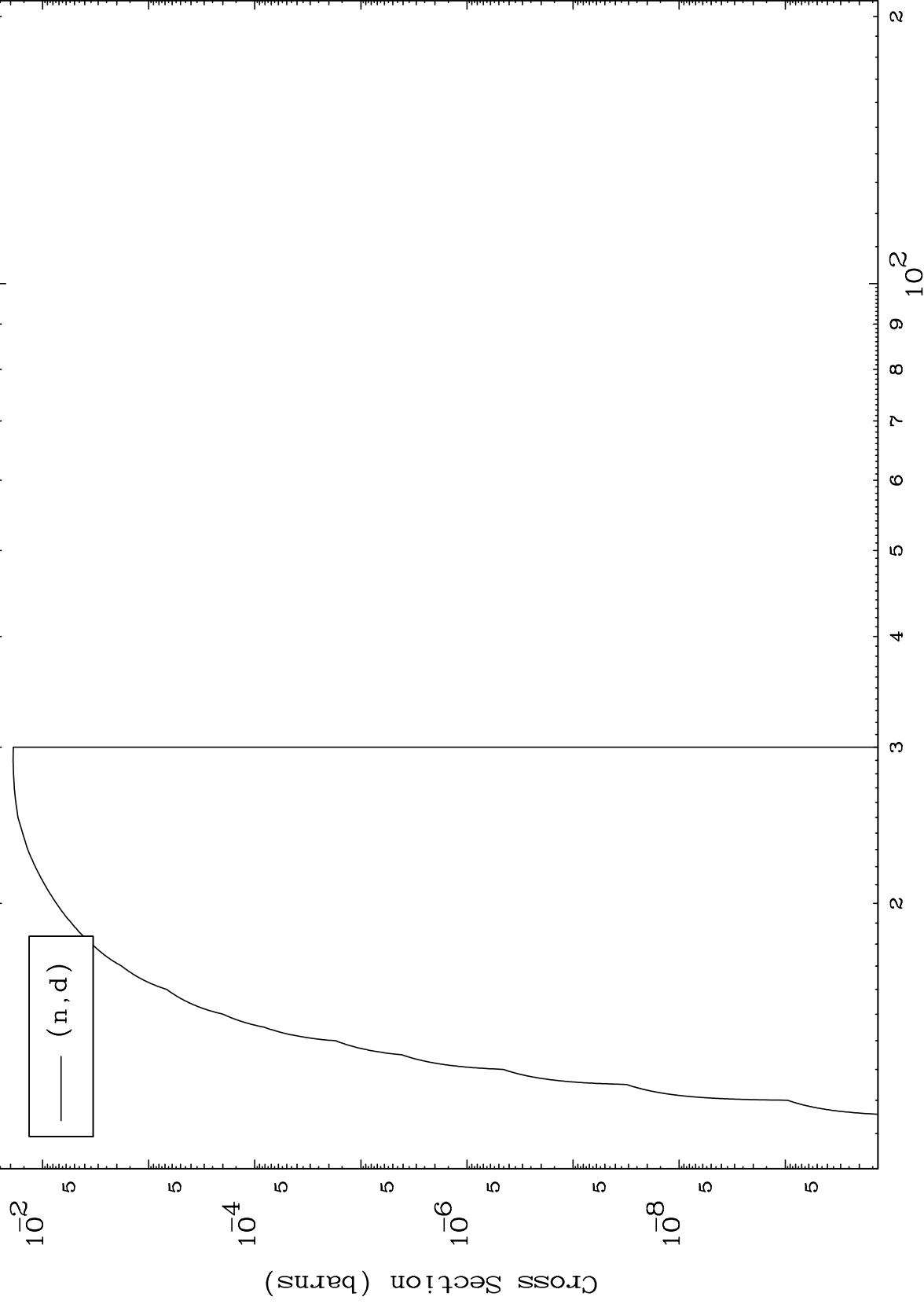
Incident Energy (MeV)

28-Ni-64

MAT 2843

(n,d) Levels  
293 Kelvin Cross Sections

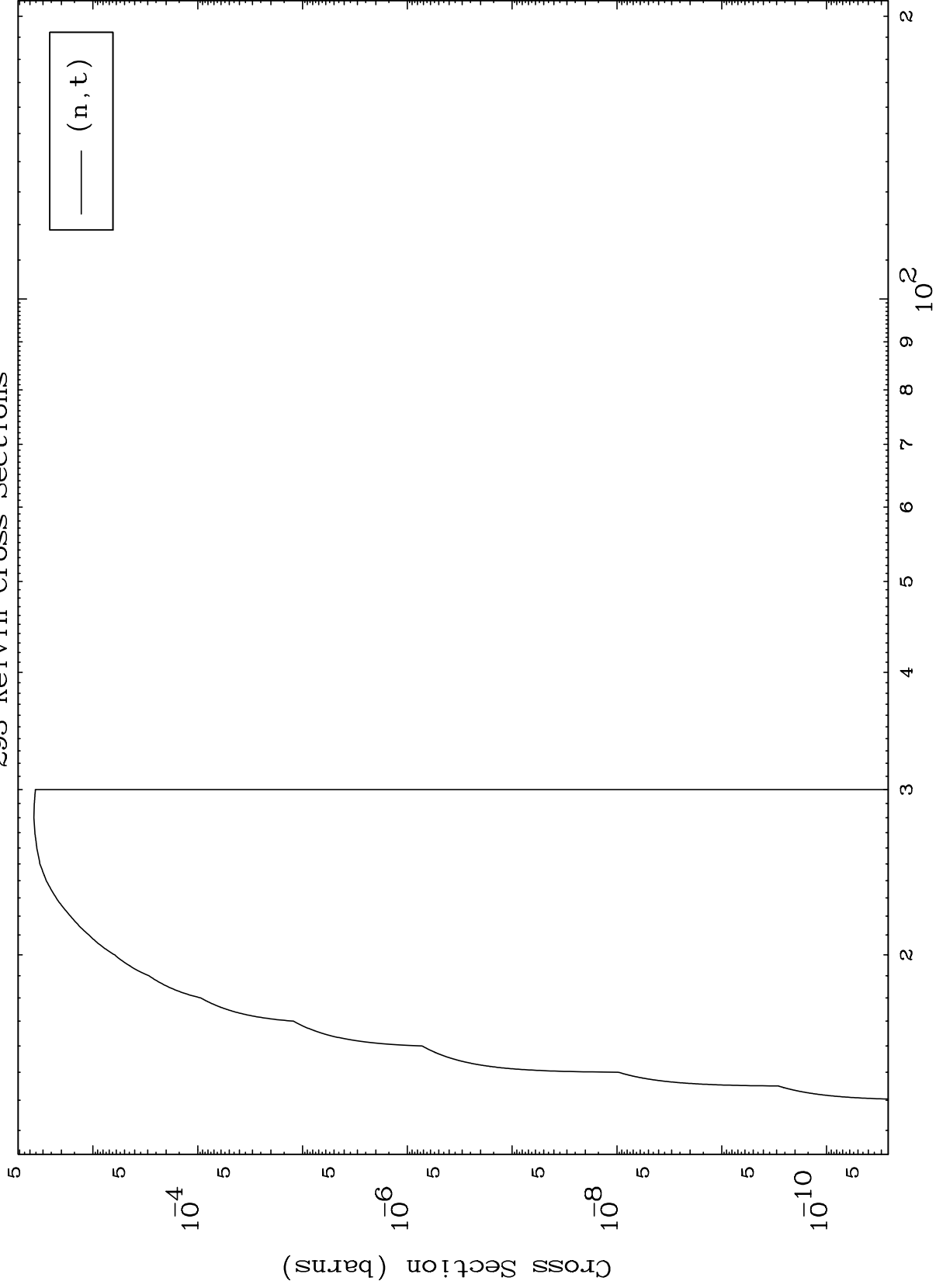
28-Ni-64



MAT 2843

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-64



12

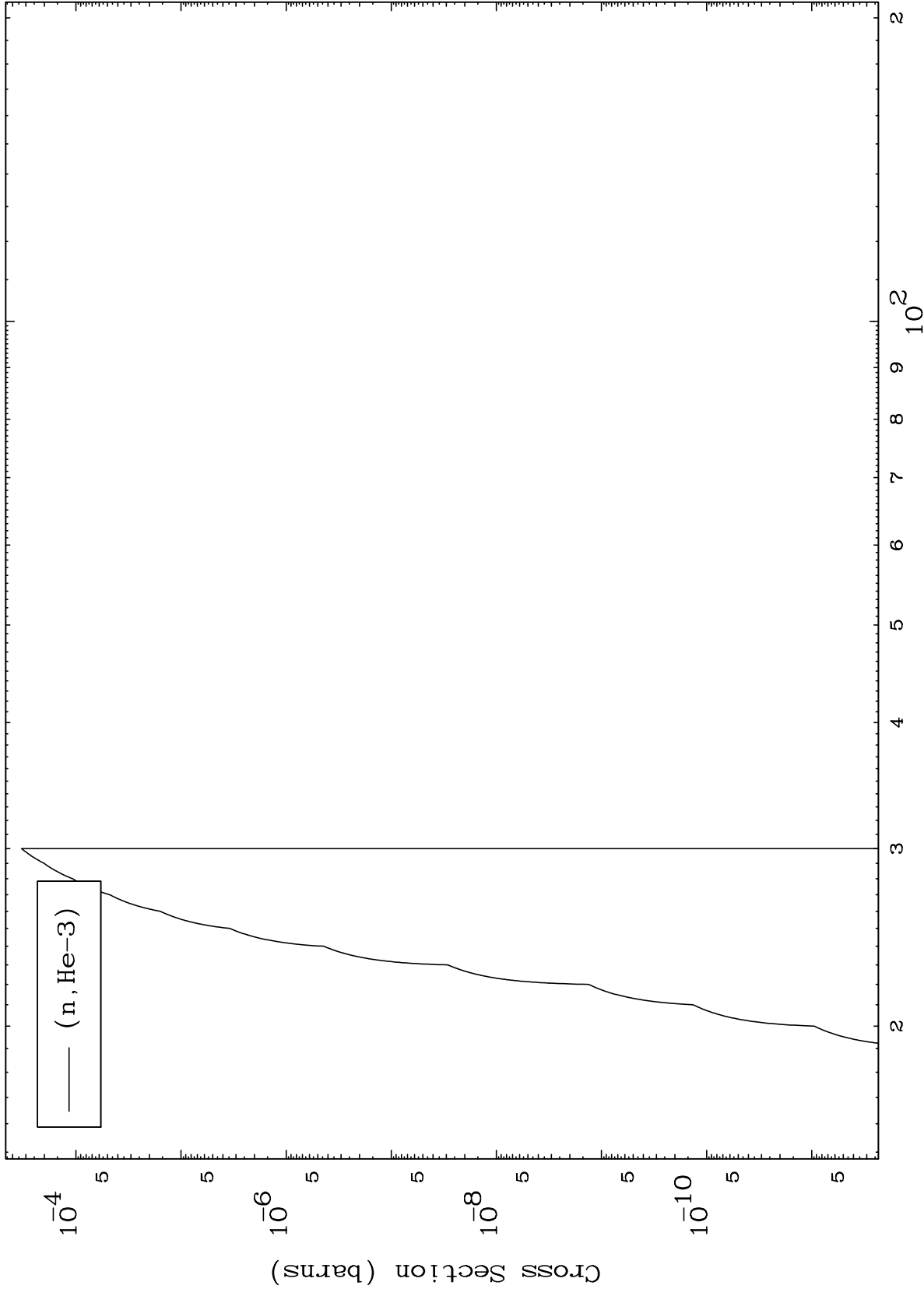
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28-Ni-64

MAT 2843

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-64



13

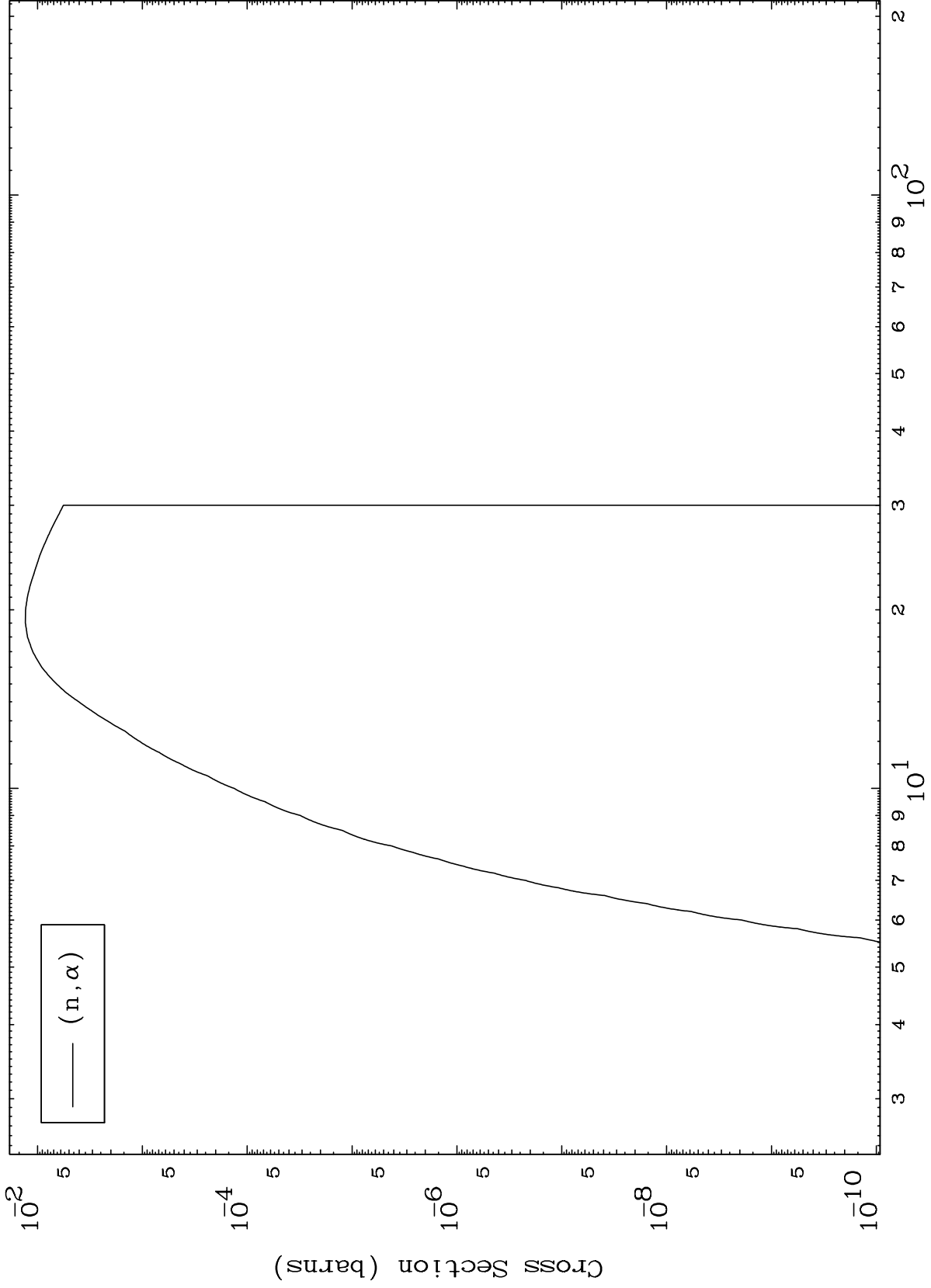
Incident Energy (MeV)

28-Ni-64

MAT 2843

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

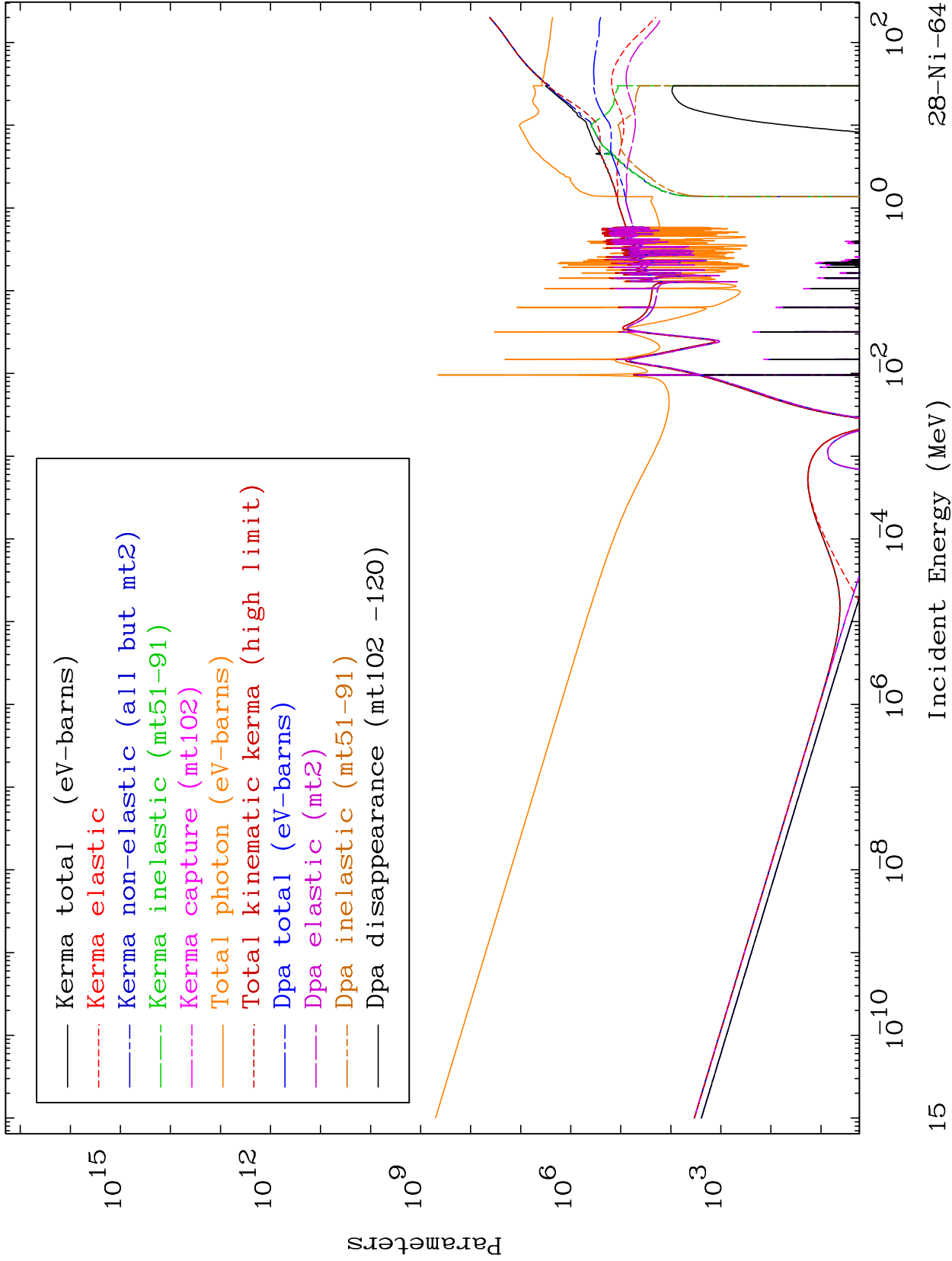
28-Ni-64



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Incident Energy (MeV)

28-Ni-64

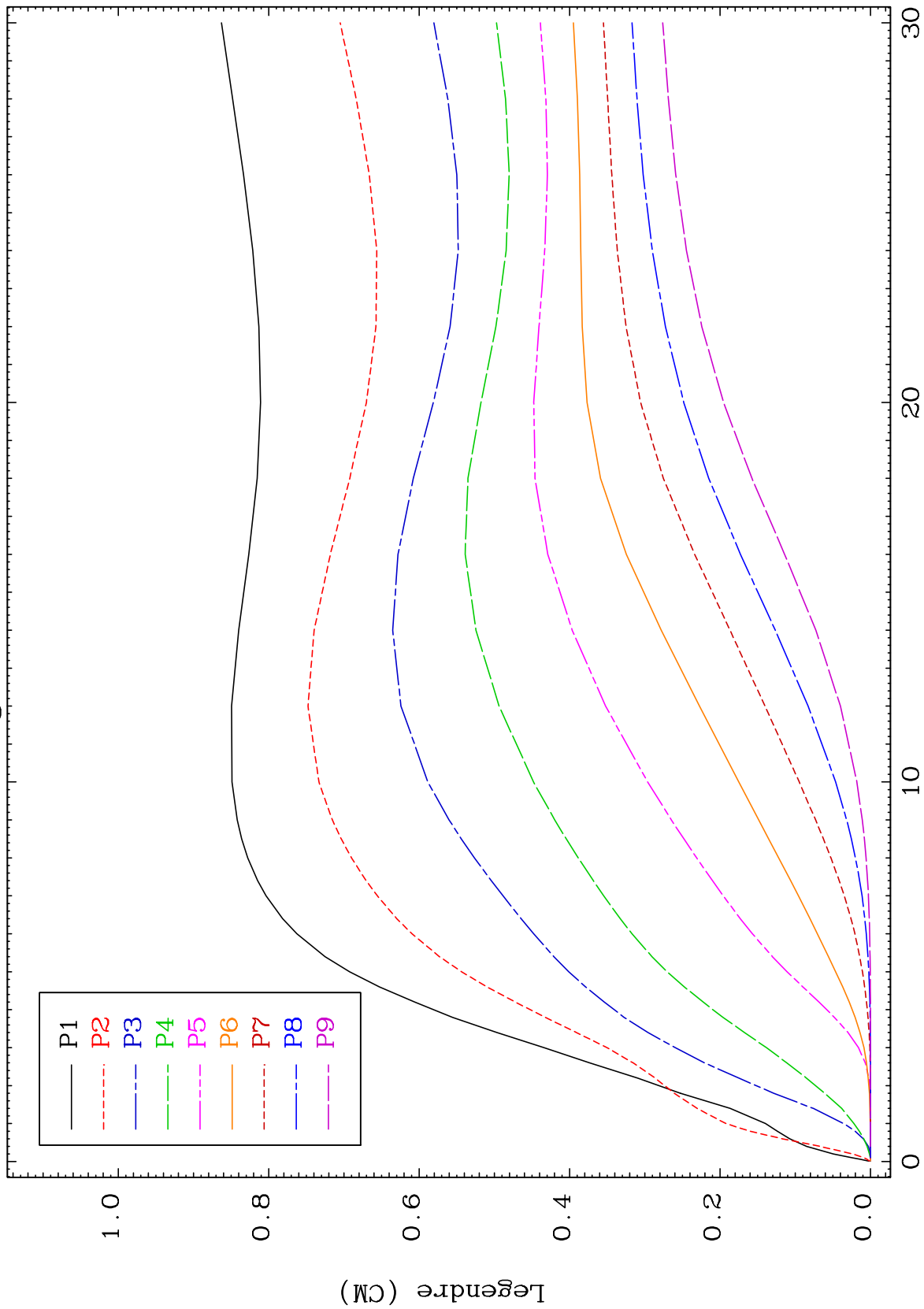




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Elastic Legendre Coefficients

<sup>28</sup>Ni-64



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Incident Energy (MeV)

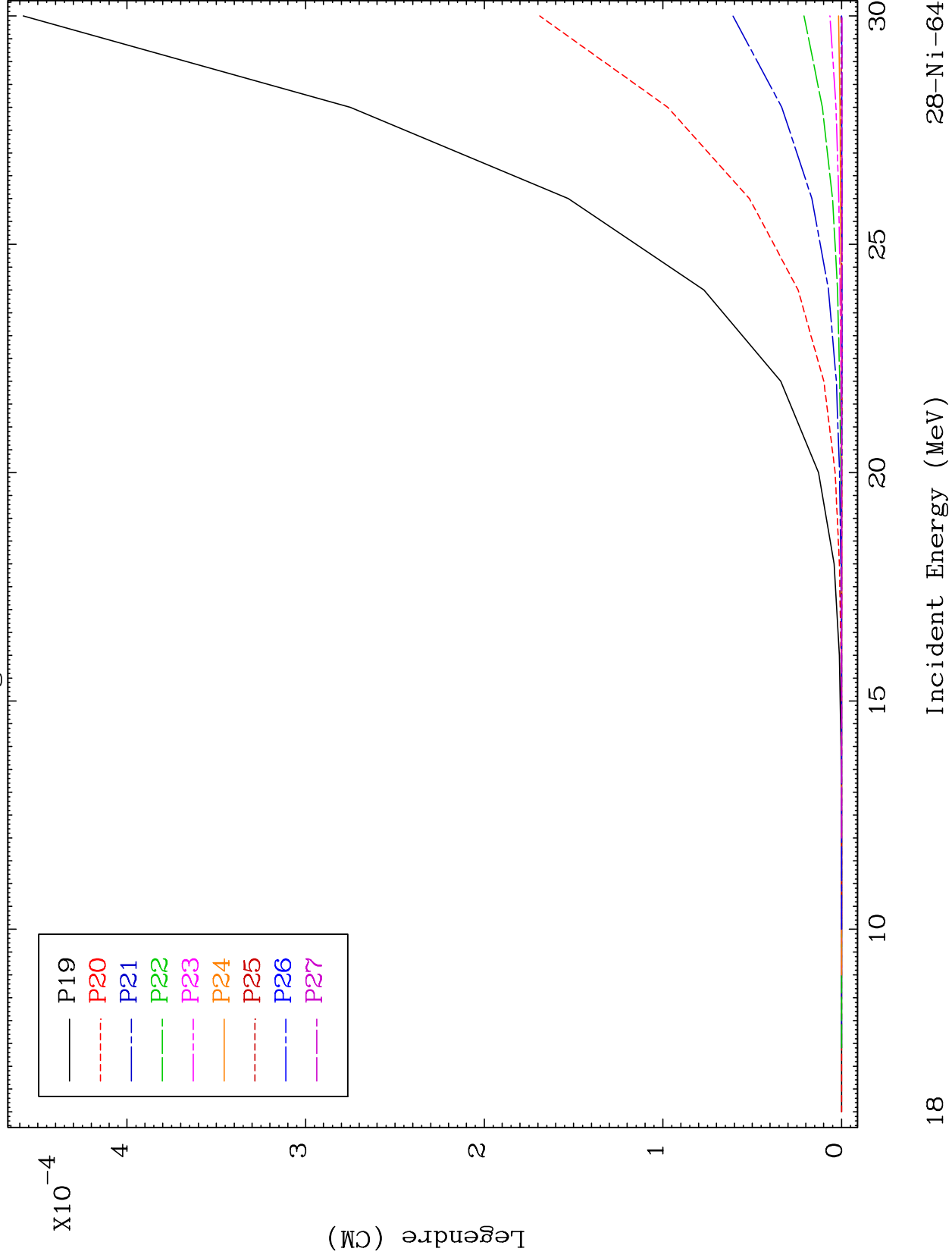
<sup>28</sup>Ni-64



MAT 2843

### Elastic Legendre Coefficients

28-Ni-64



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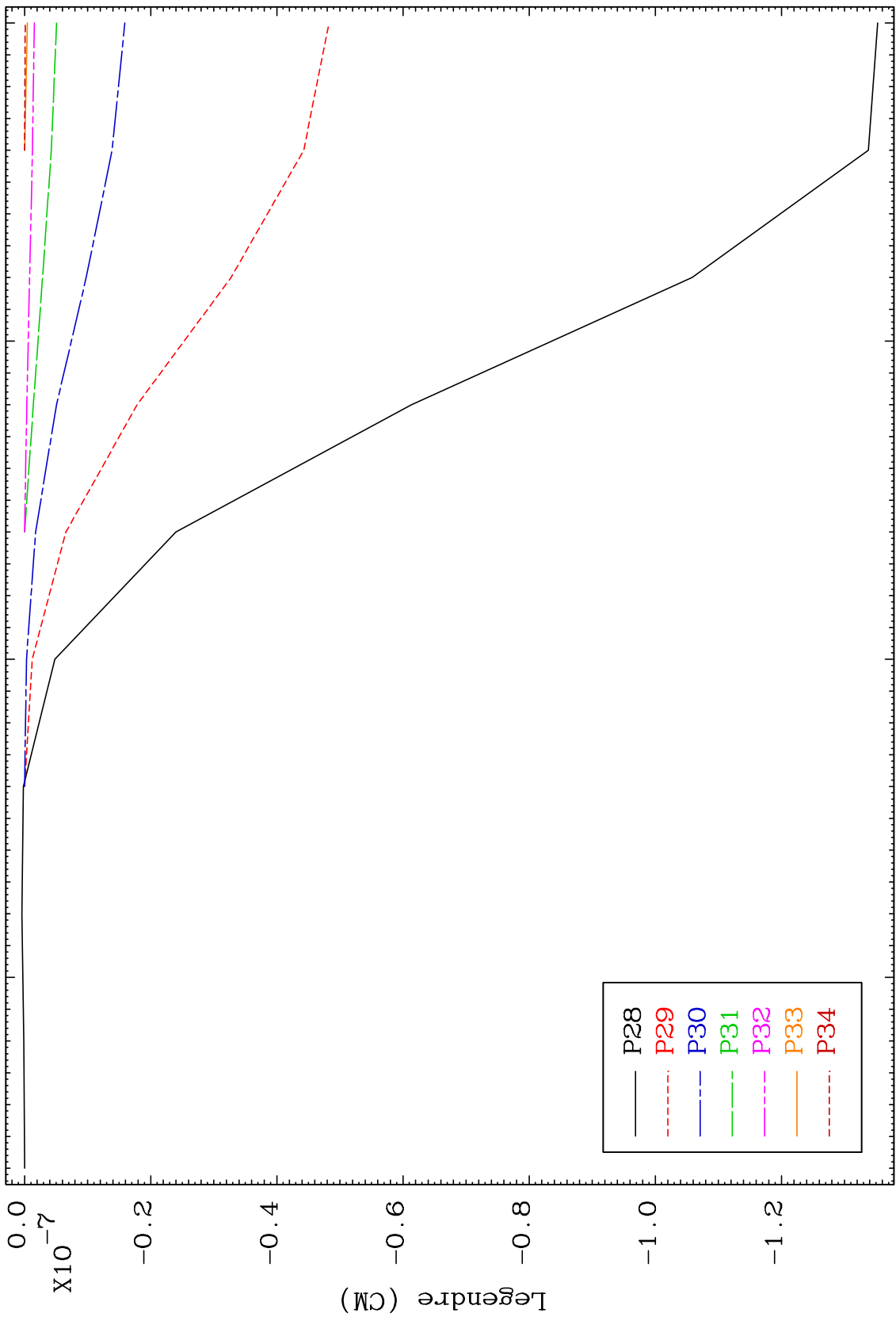
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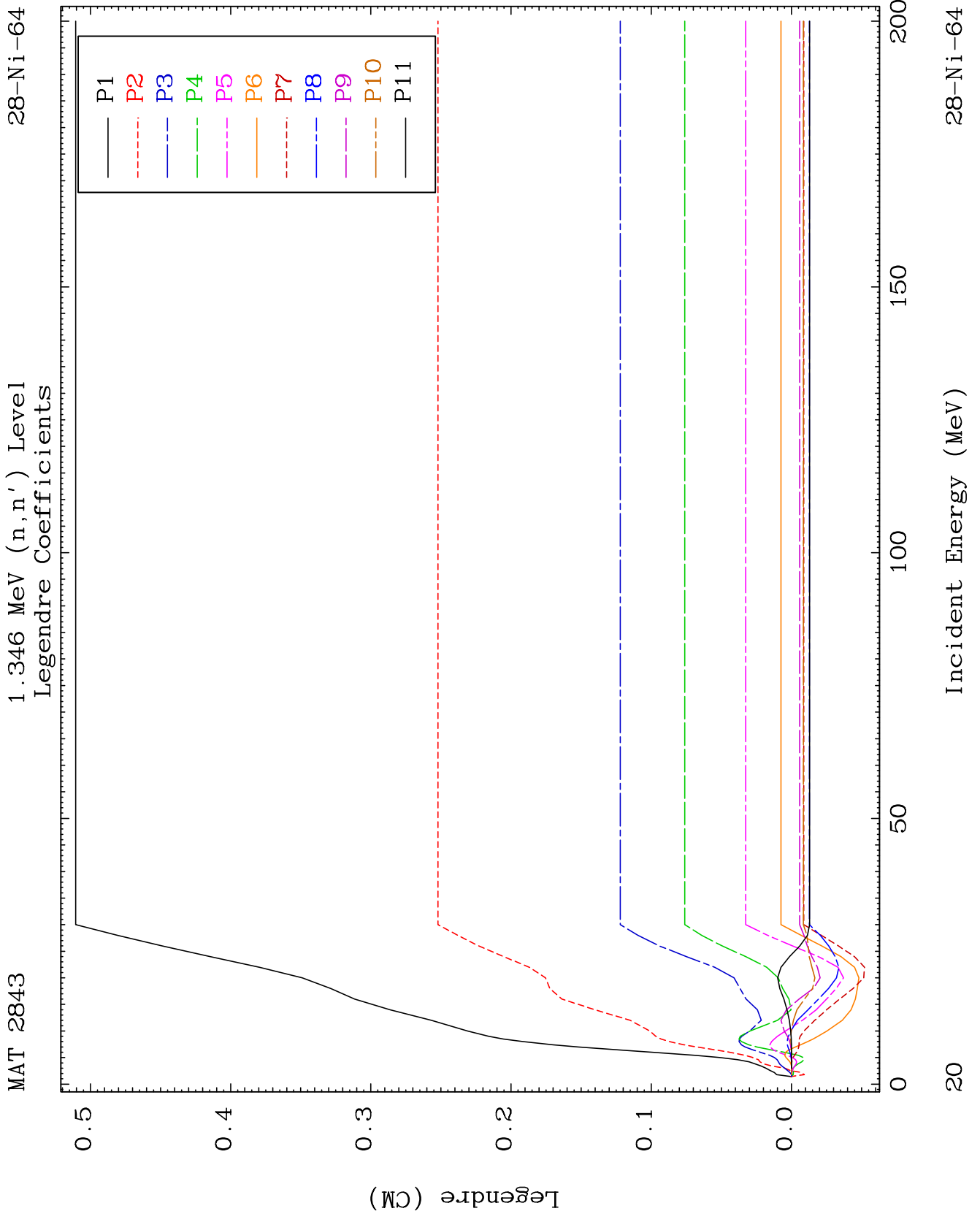
28-Ni-64

MAT 2843

28-Ni-64

Elastic Legendre Coefficients

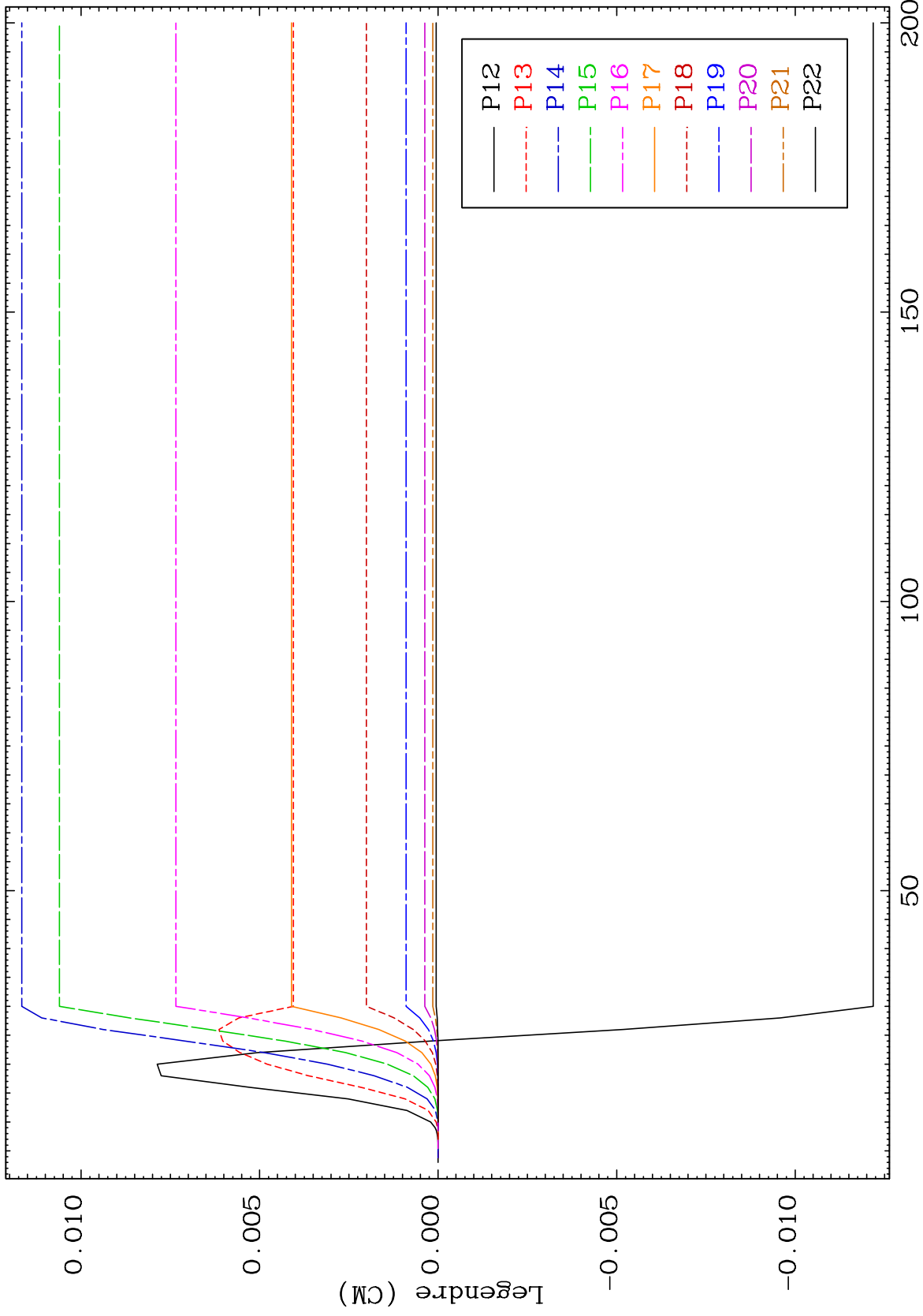




MAT 2843

1.346 MeV (n,n') Level  
Legendre Coefficients

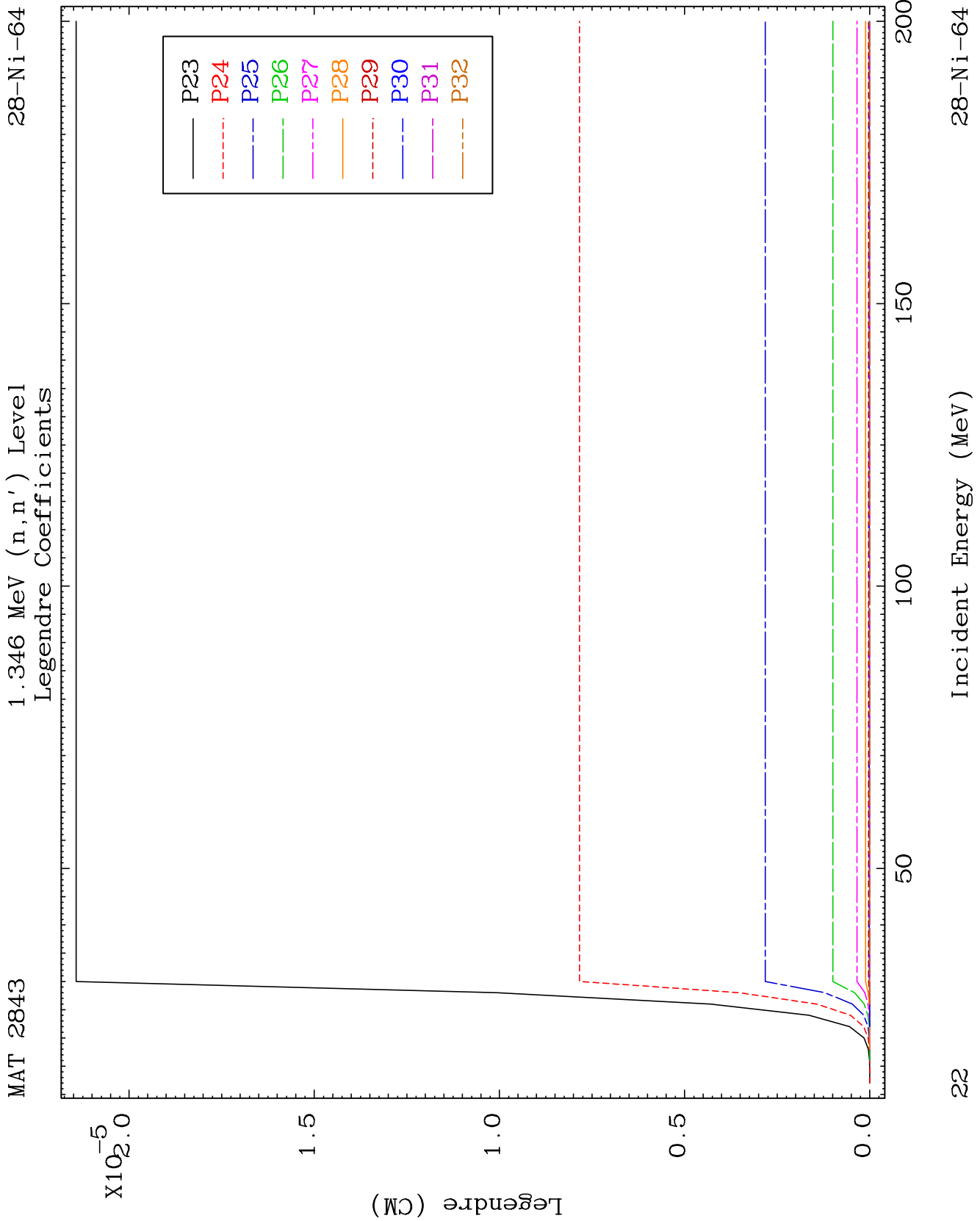
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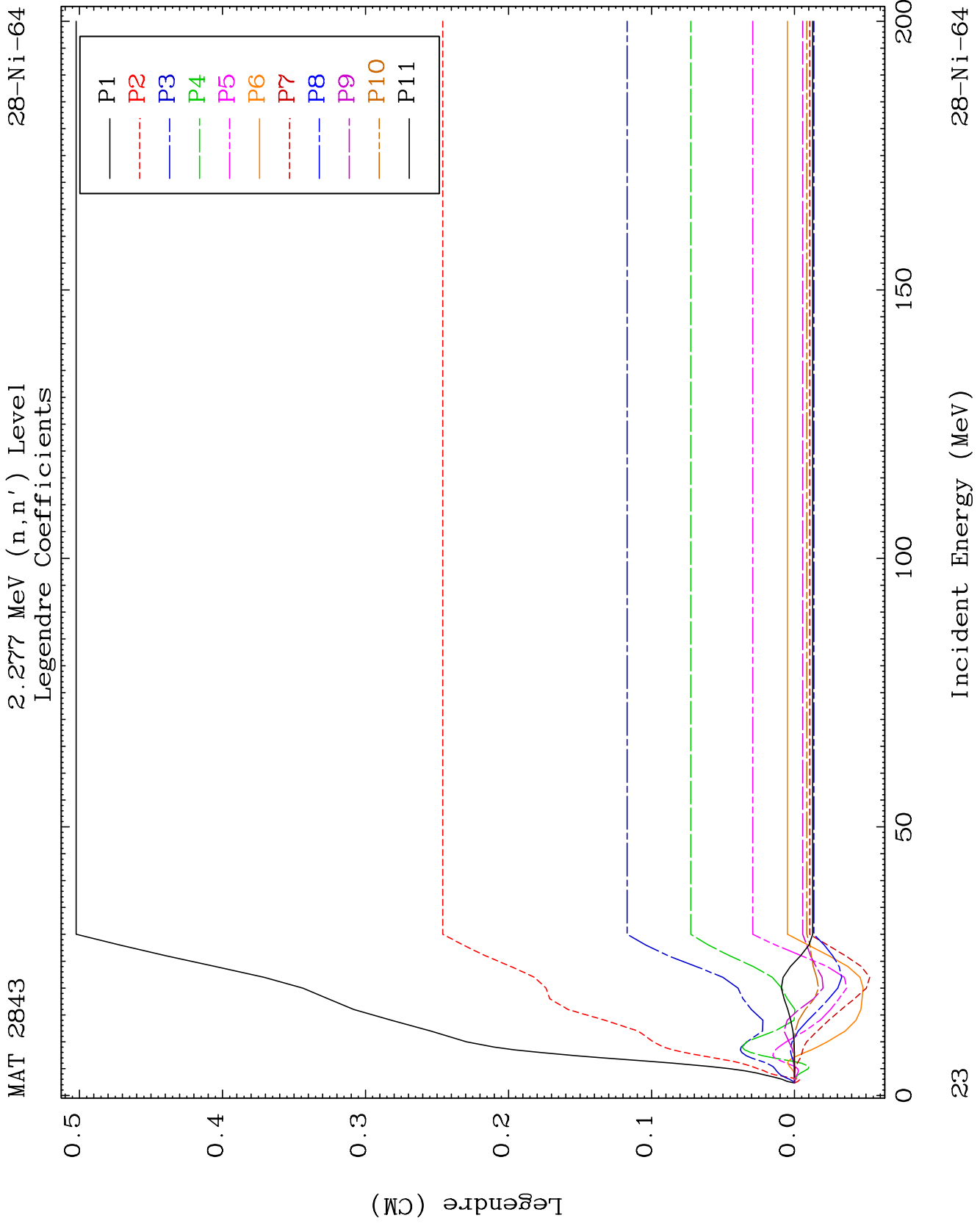


21

Incident Energy (MeV)

28-Ni-64



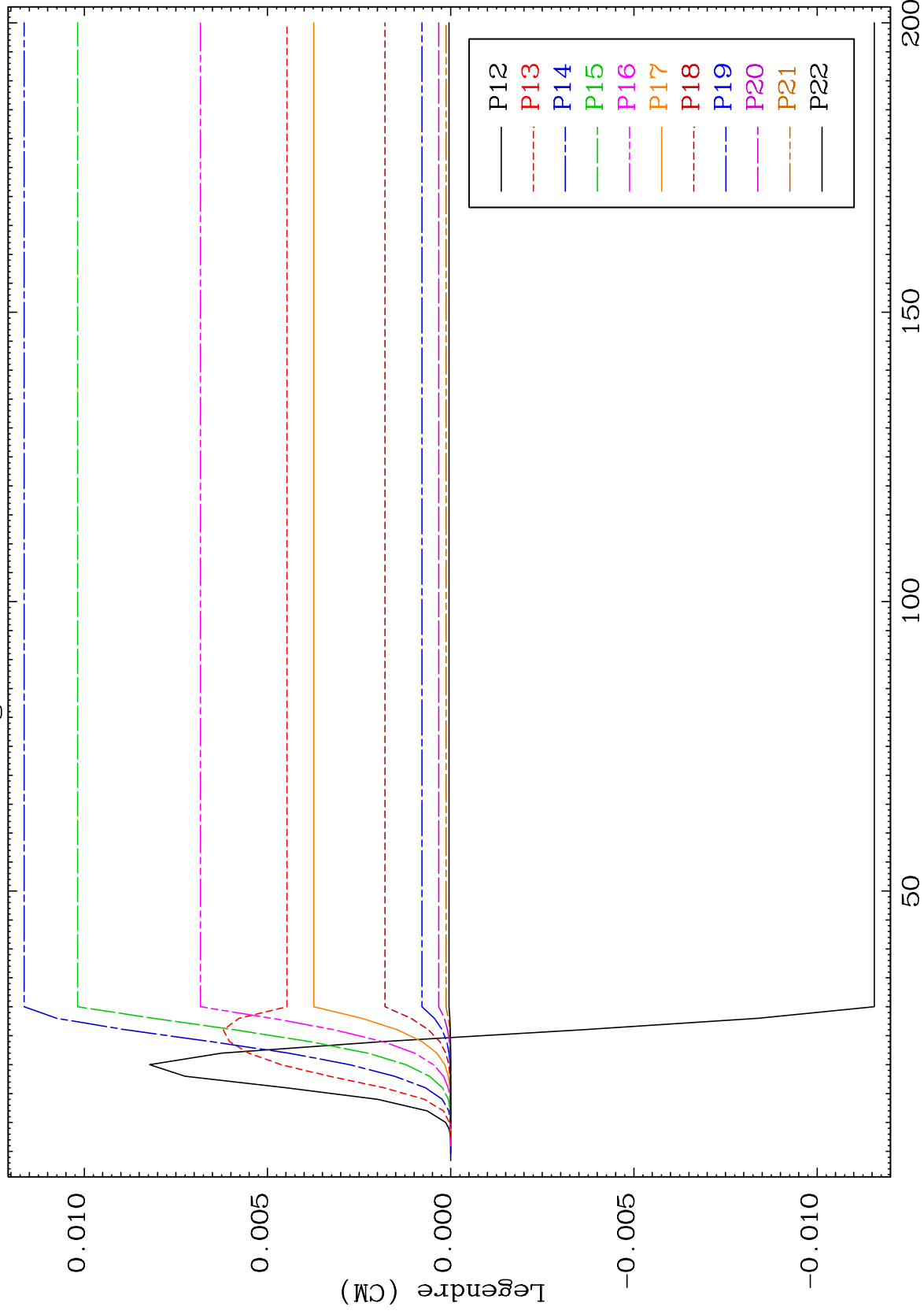




MAT 2843

2.277 MeV (n,n') Level  
Legendre Coefficients

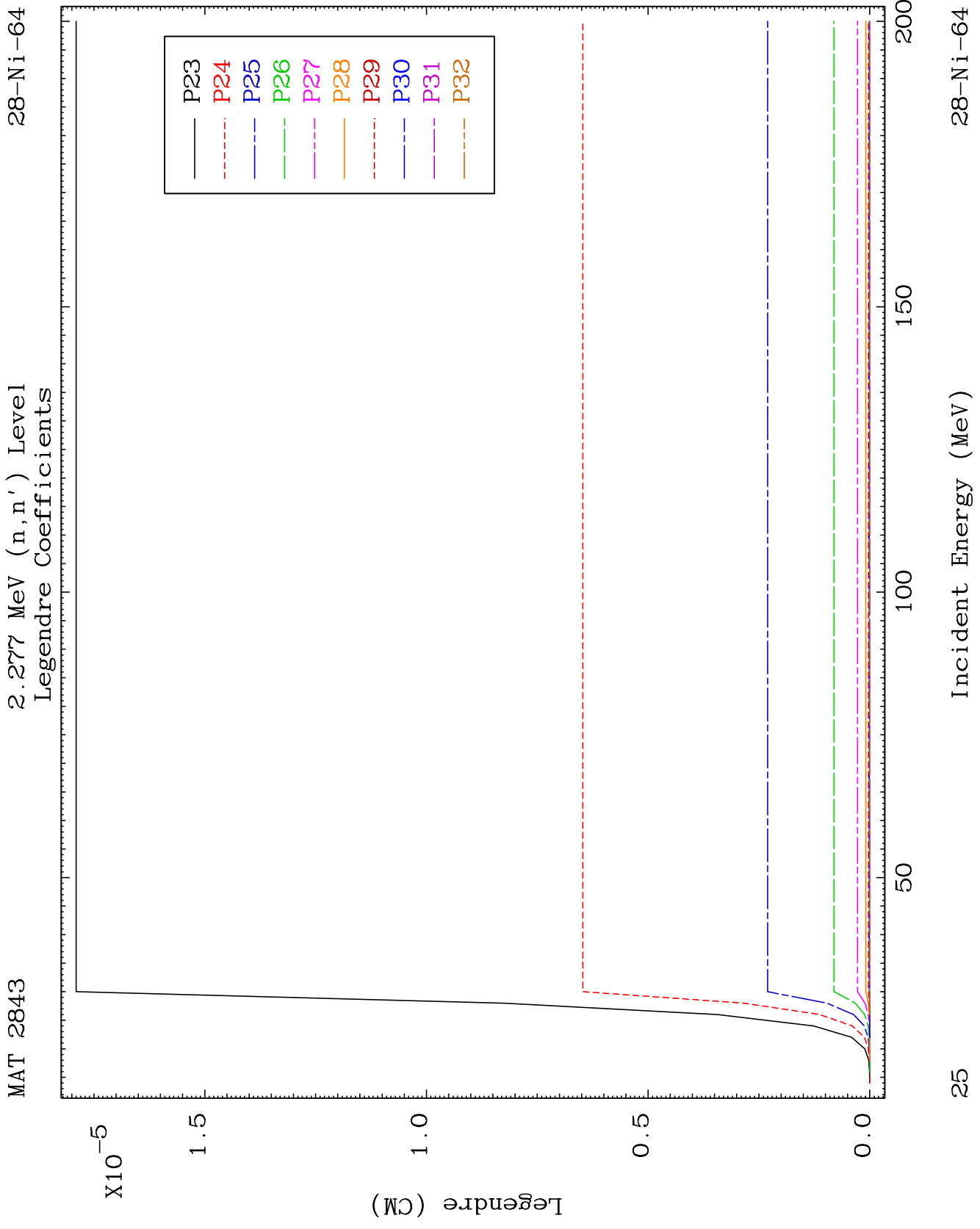
28-Ni-64

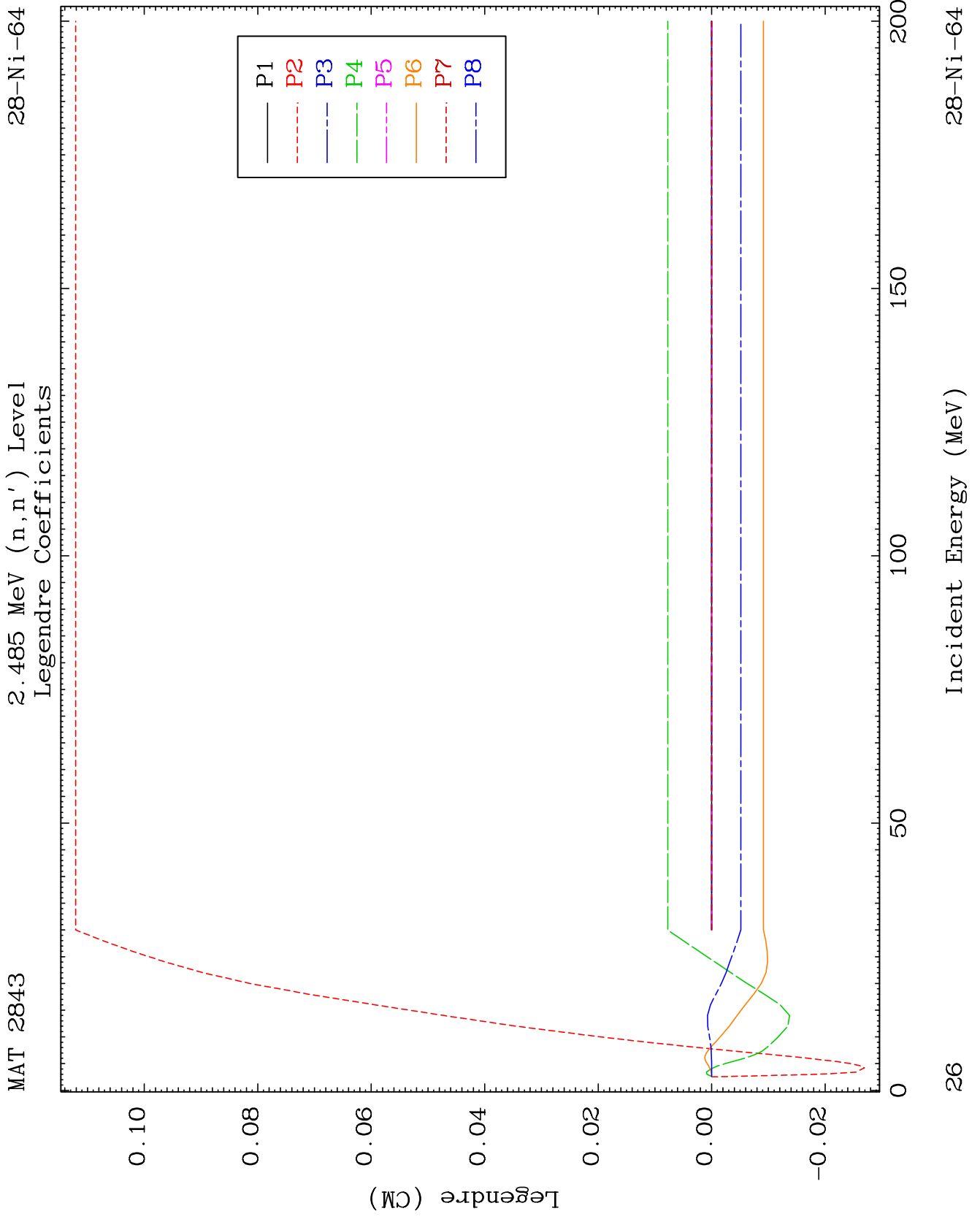


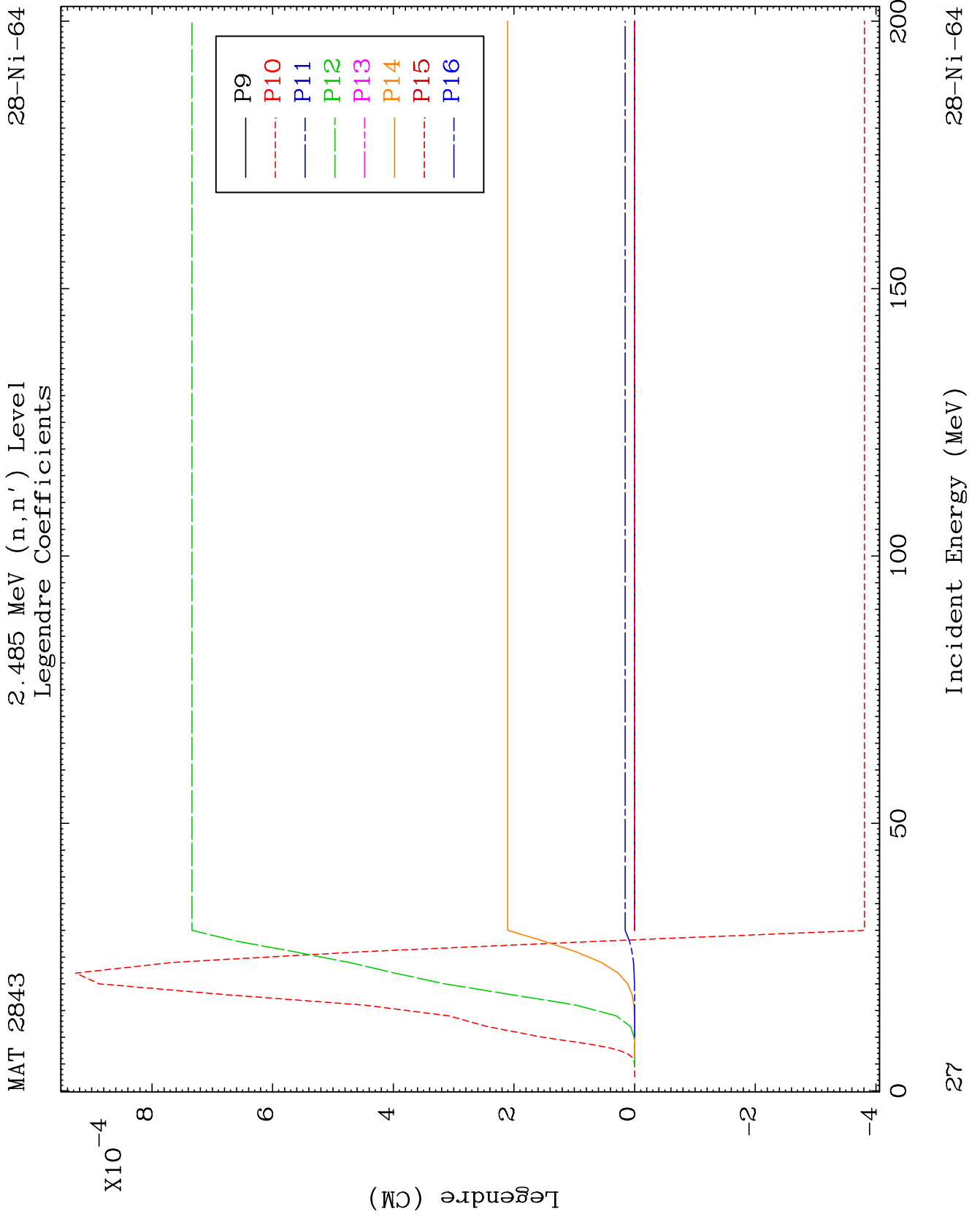
24

Incident Energy (MeV)

28-Ni-64





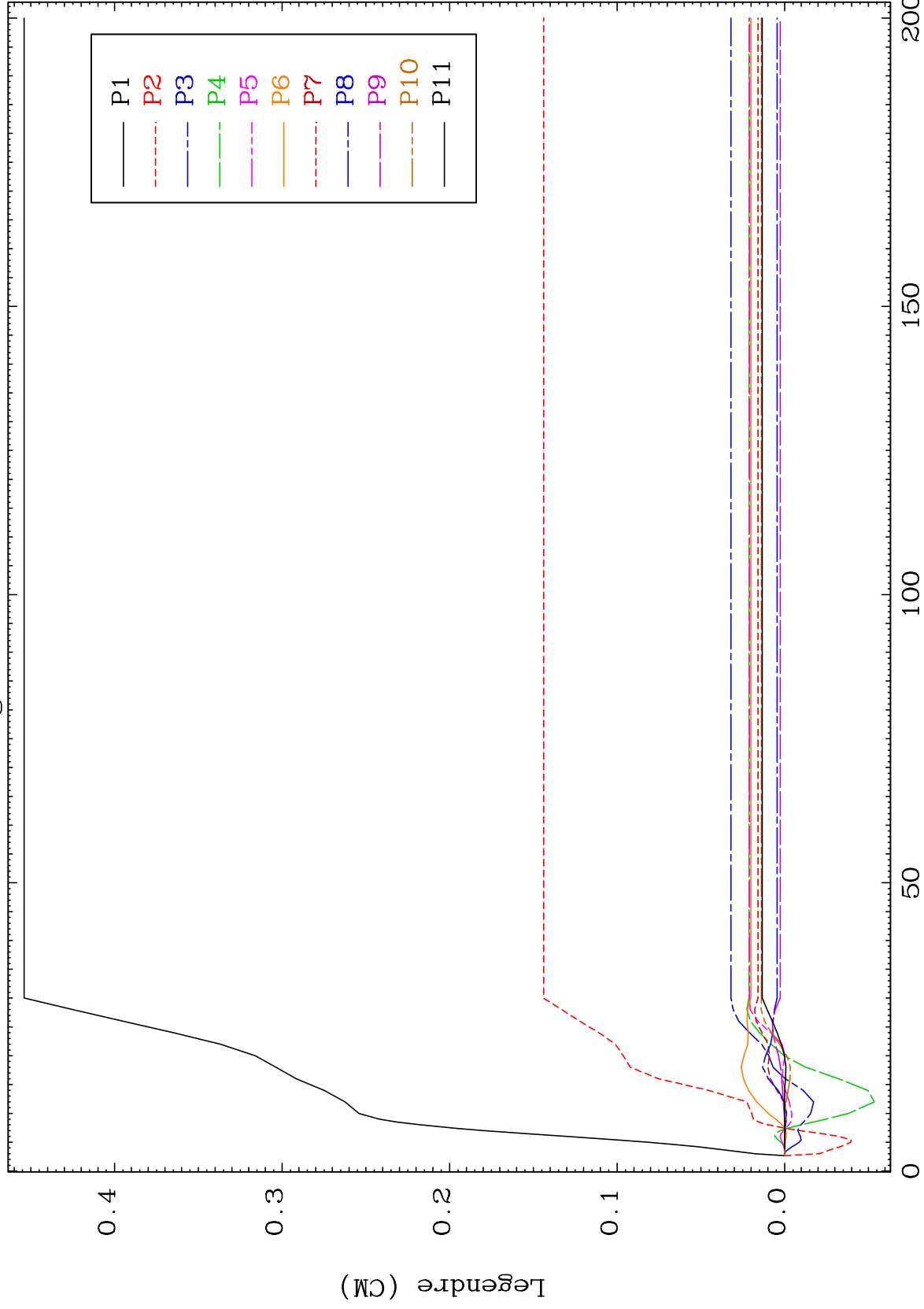




MAT 2843

2.610 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



29

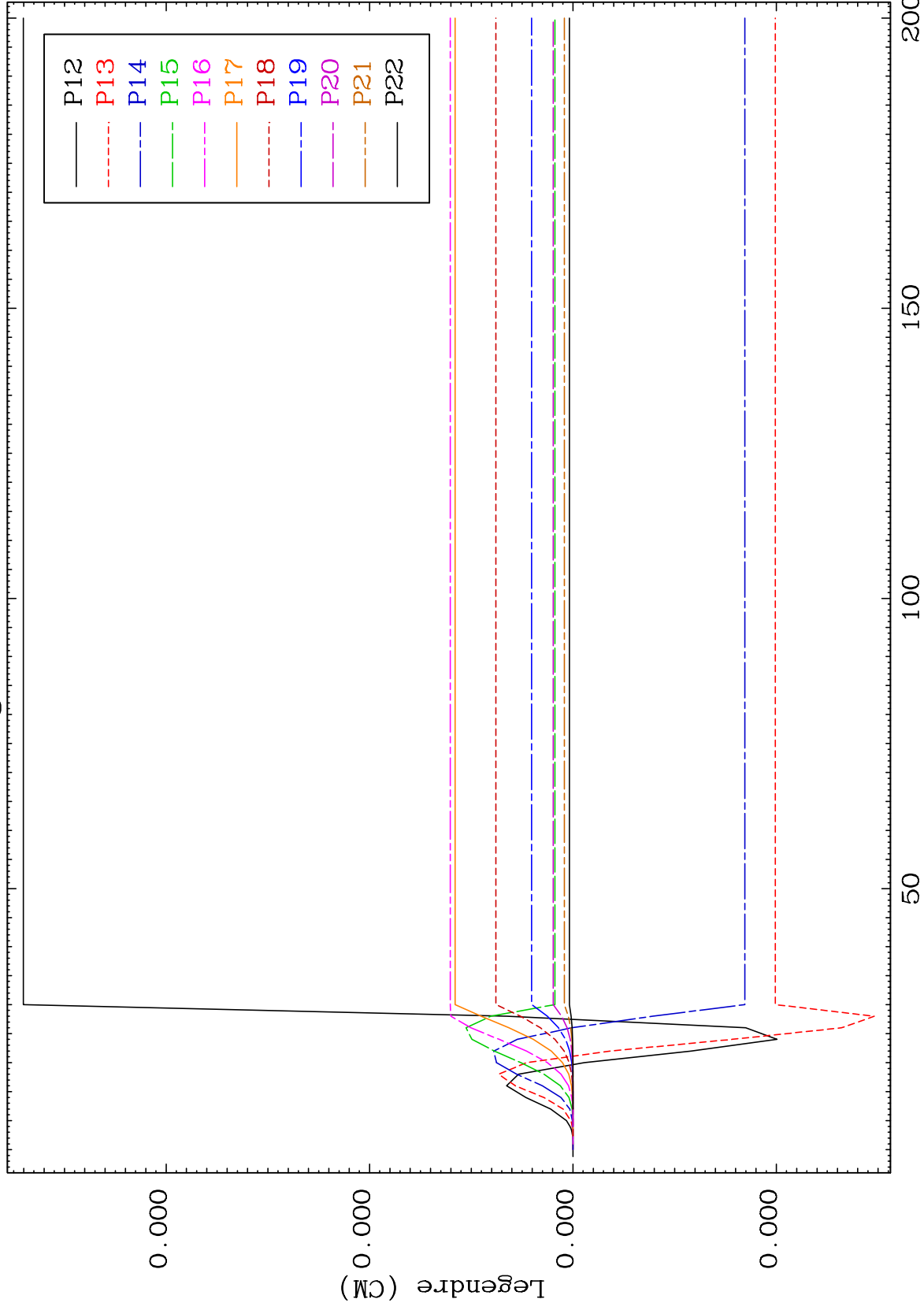
Incident Energy (MeV)

28-Ni-64

MAT 2843

2.610 MeV (n,n') Level  
Legendre Coefficients

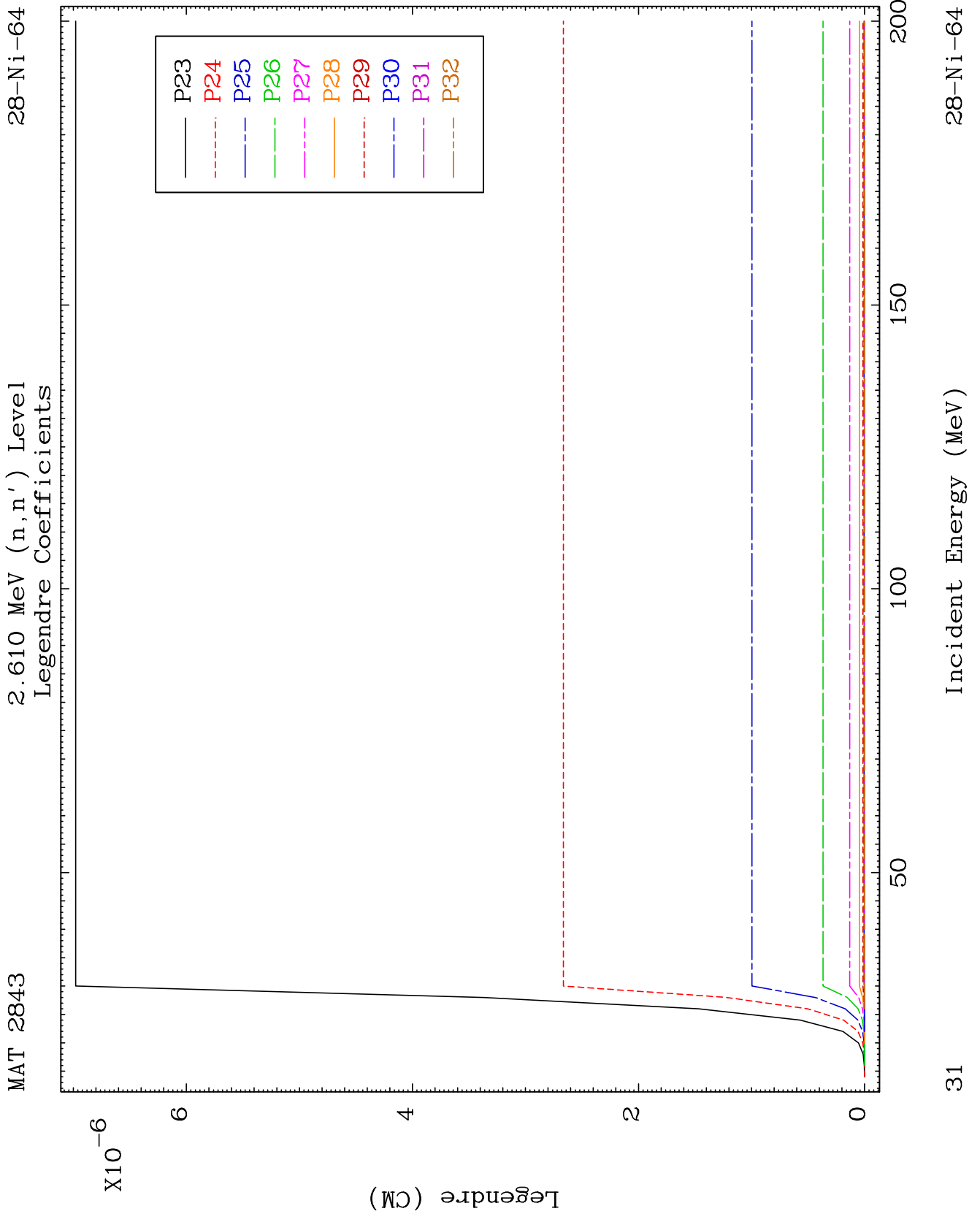
28-Ni-64



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Incident Energy (MeV)

28-Ni-64

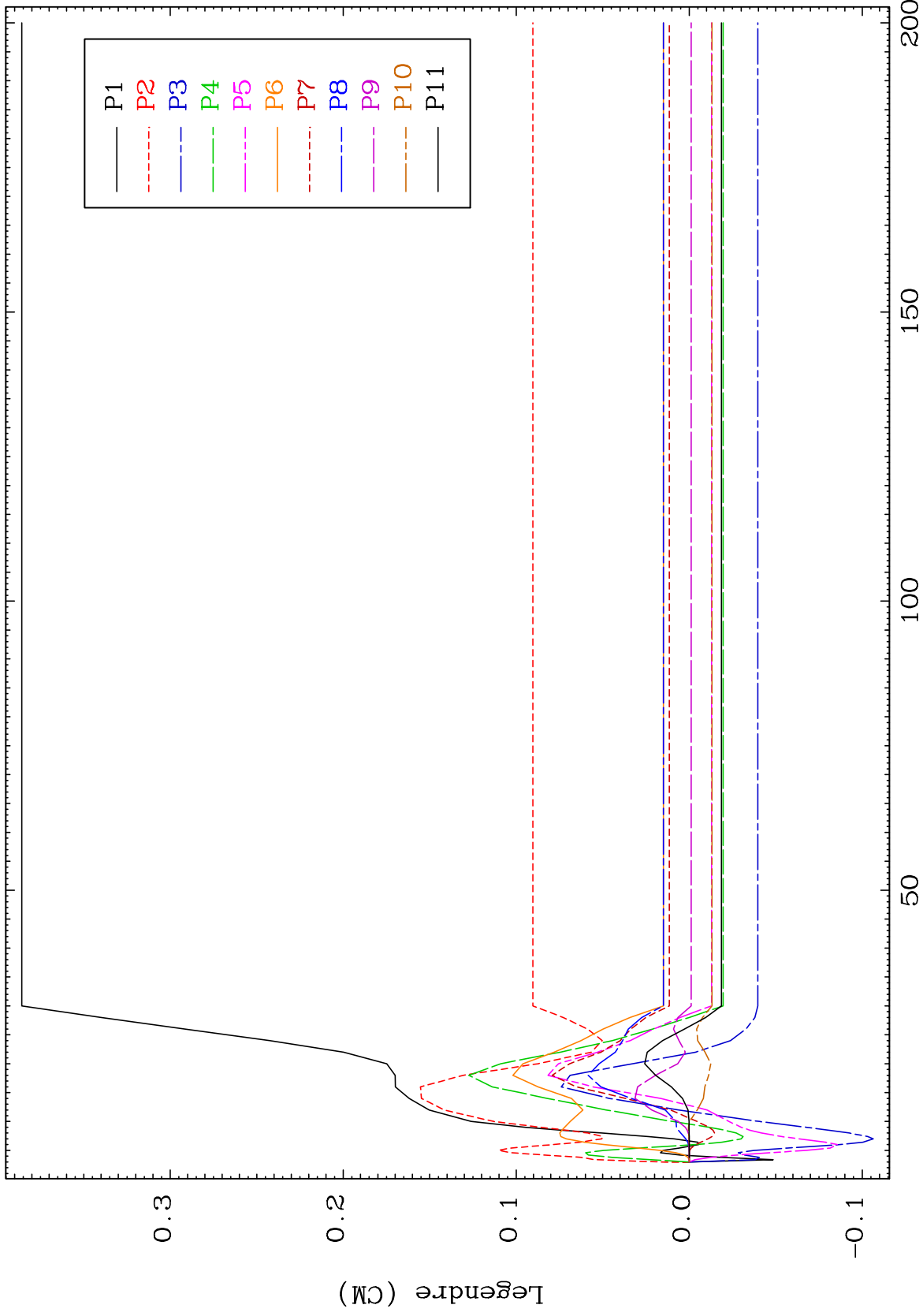




MAT 2843

2.867 MeV (n,n') Level  
Legendre Coefficients

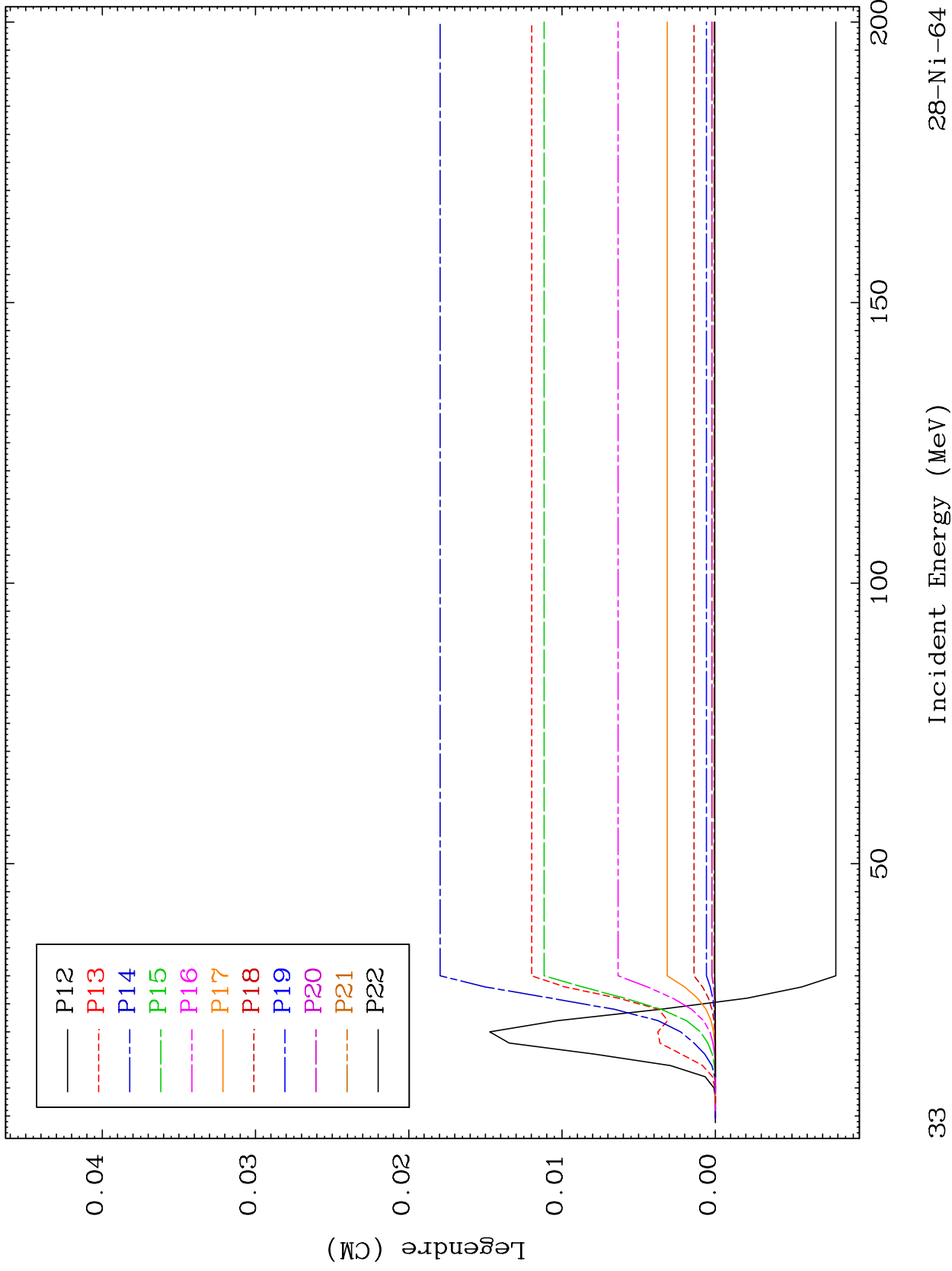
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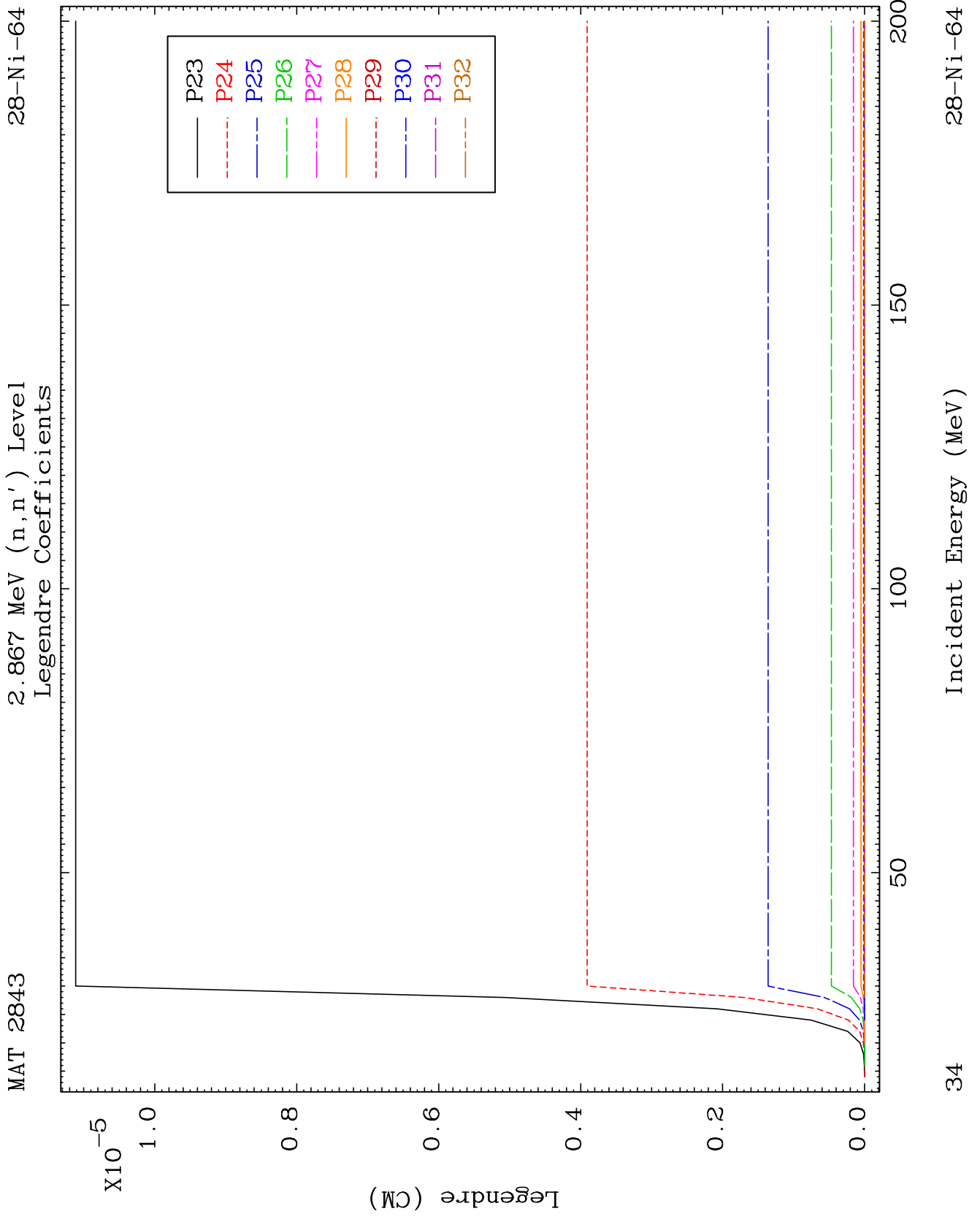


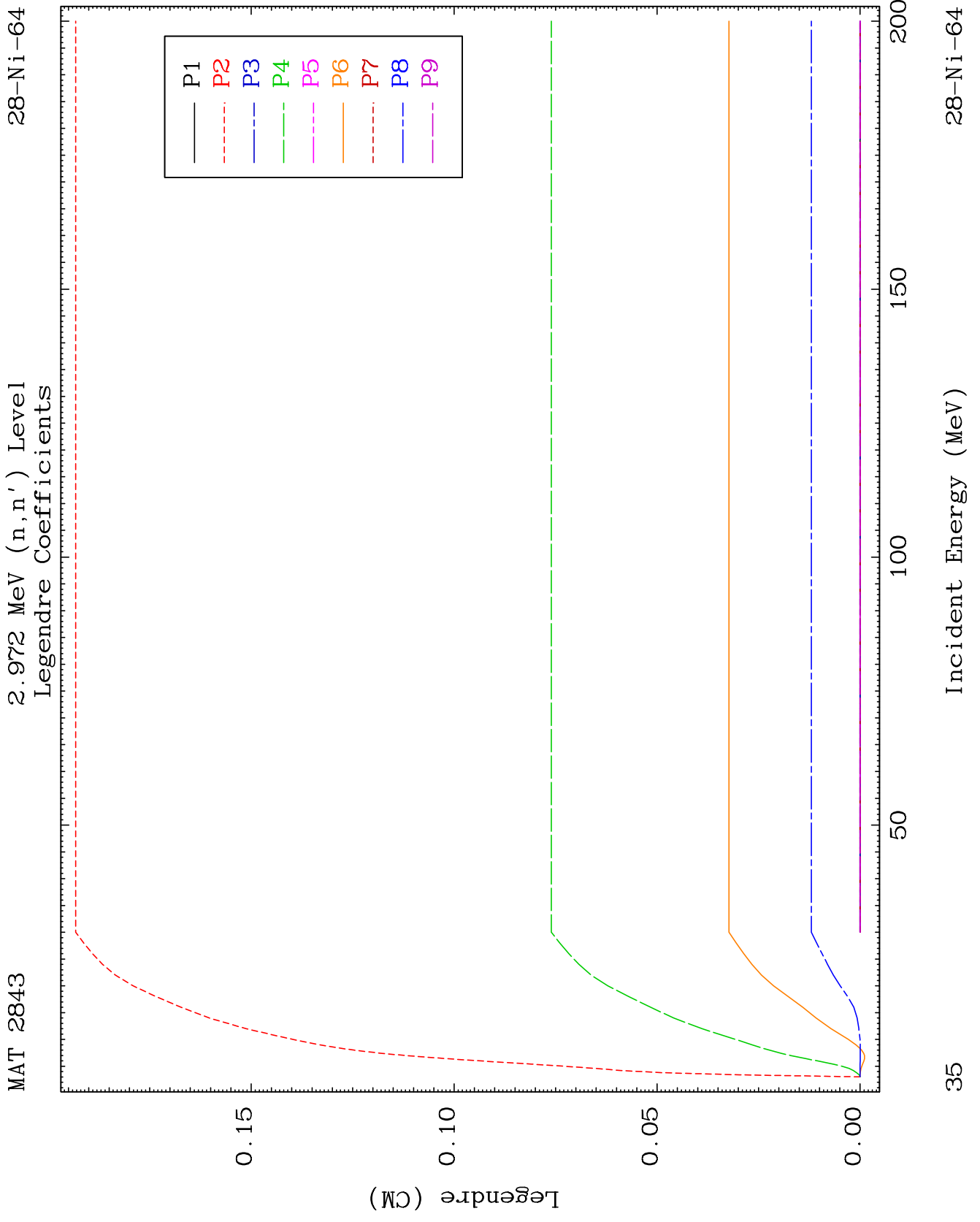
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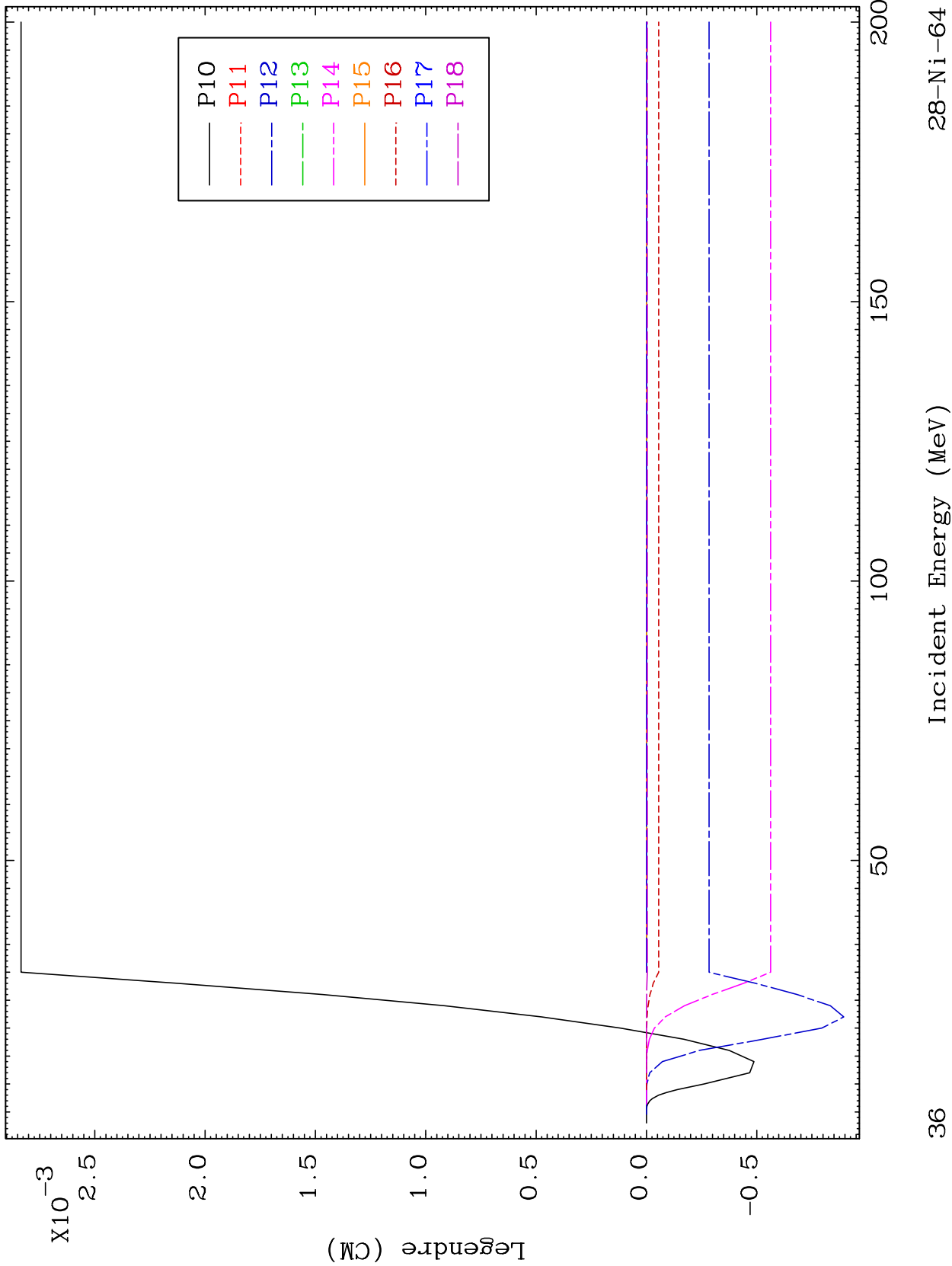
Incident Energy (MeV)

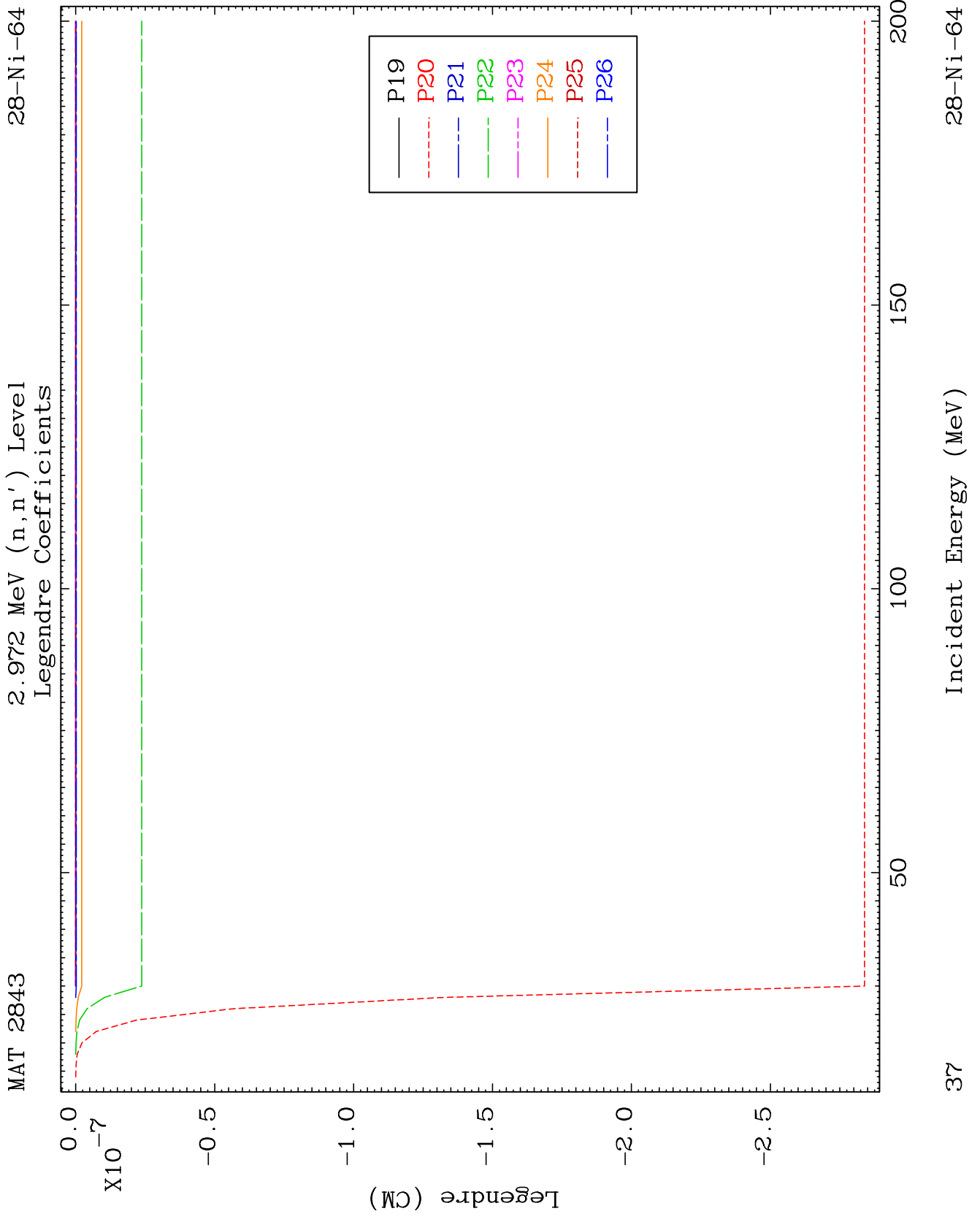
28-Ni-64









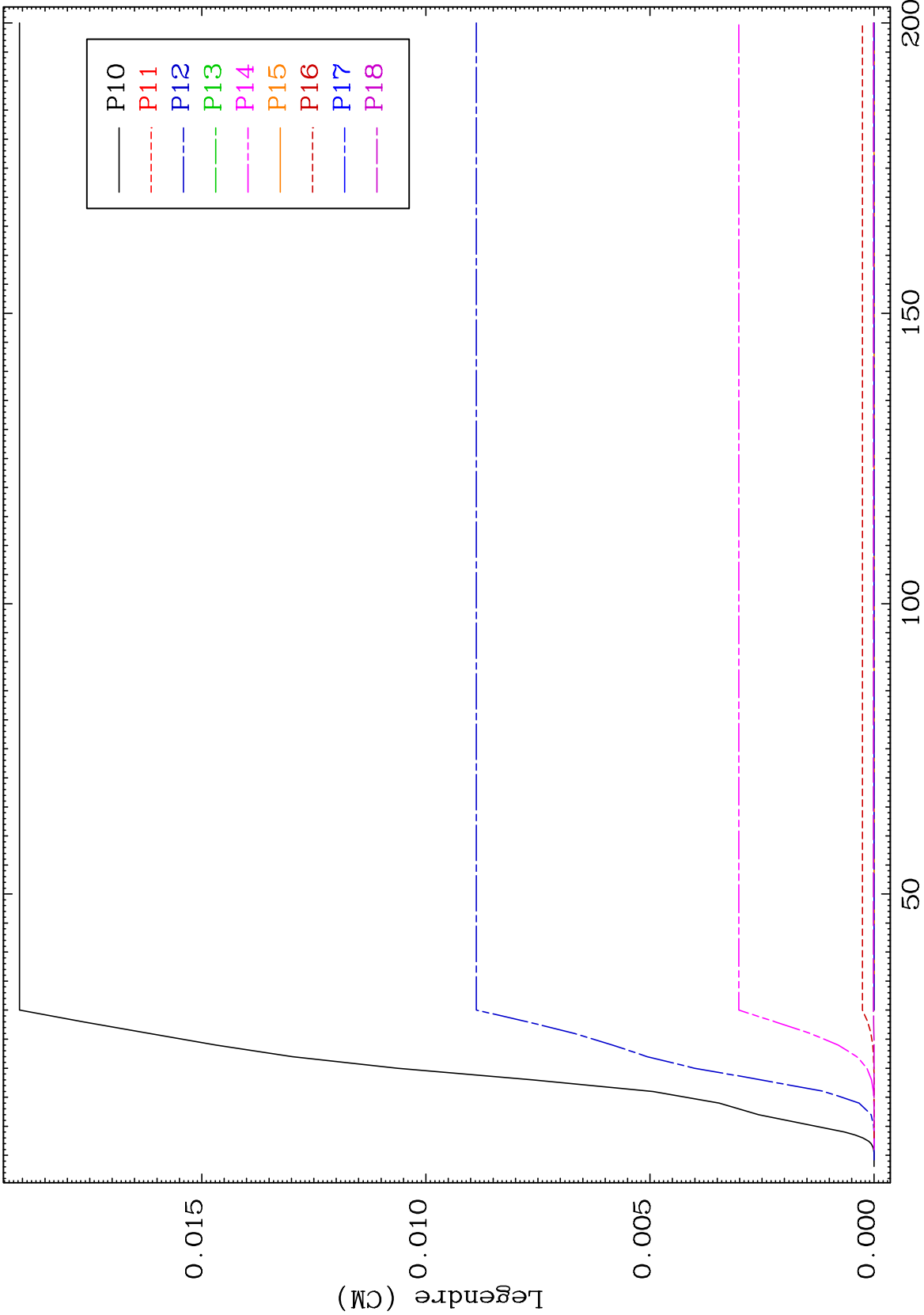




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3.026 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64

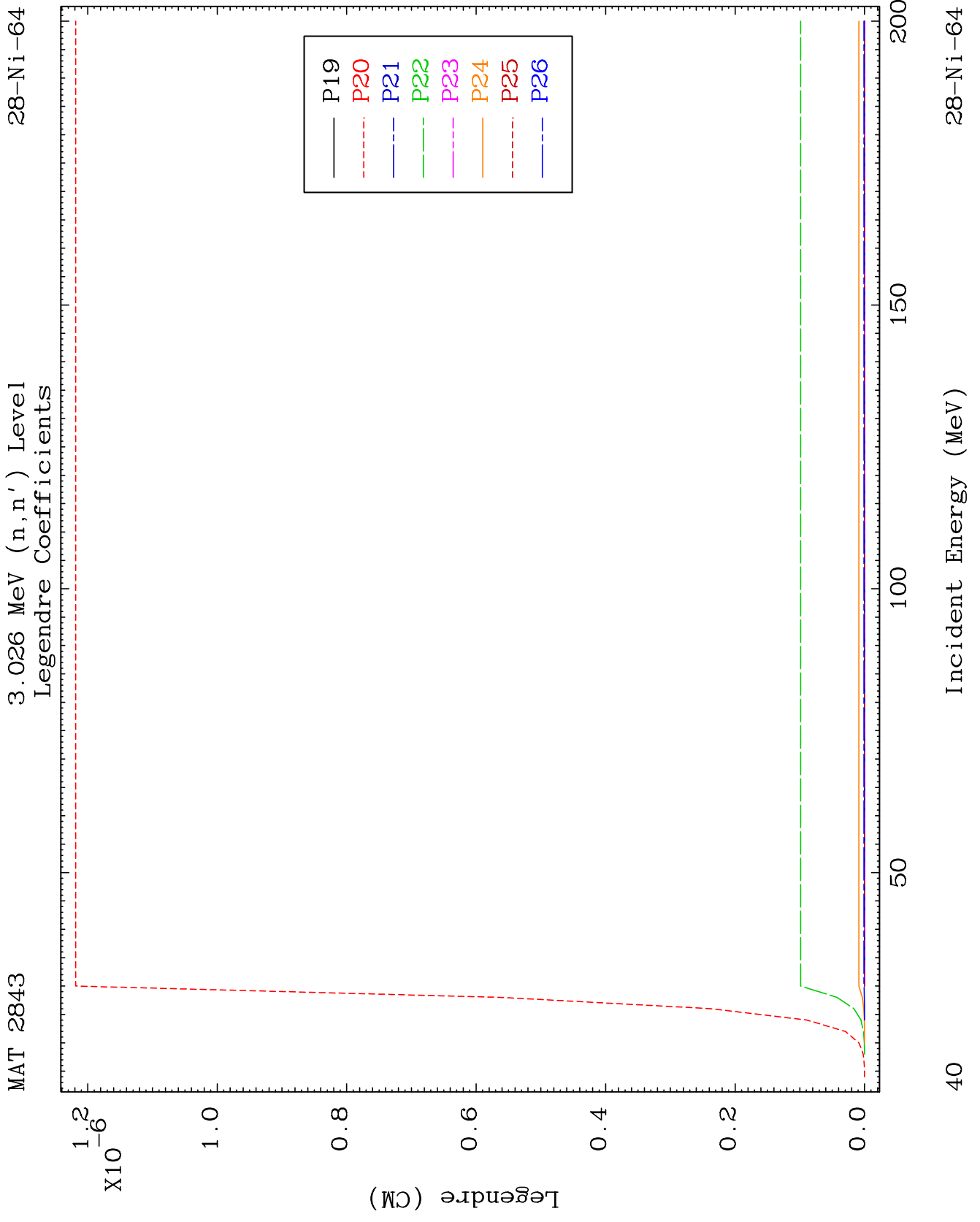


39

Incident Energy (MeV)

28-Ni-64

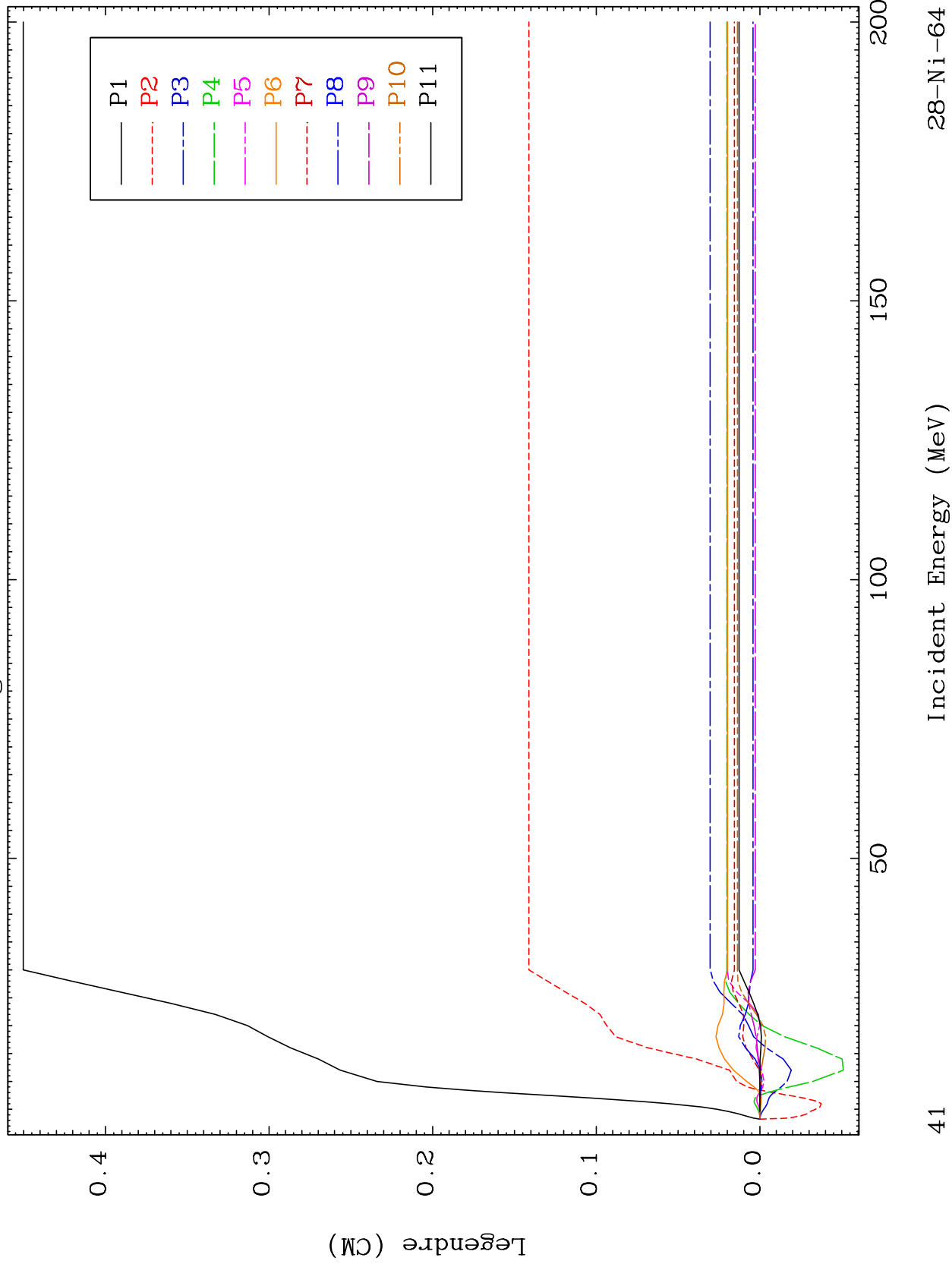




MAT 2843

3.166 MeV (n,n') Level  
Legendre Coefficients

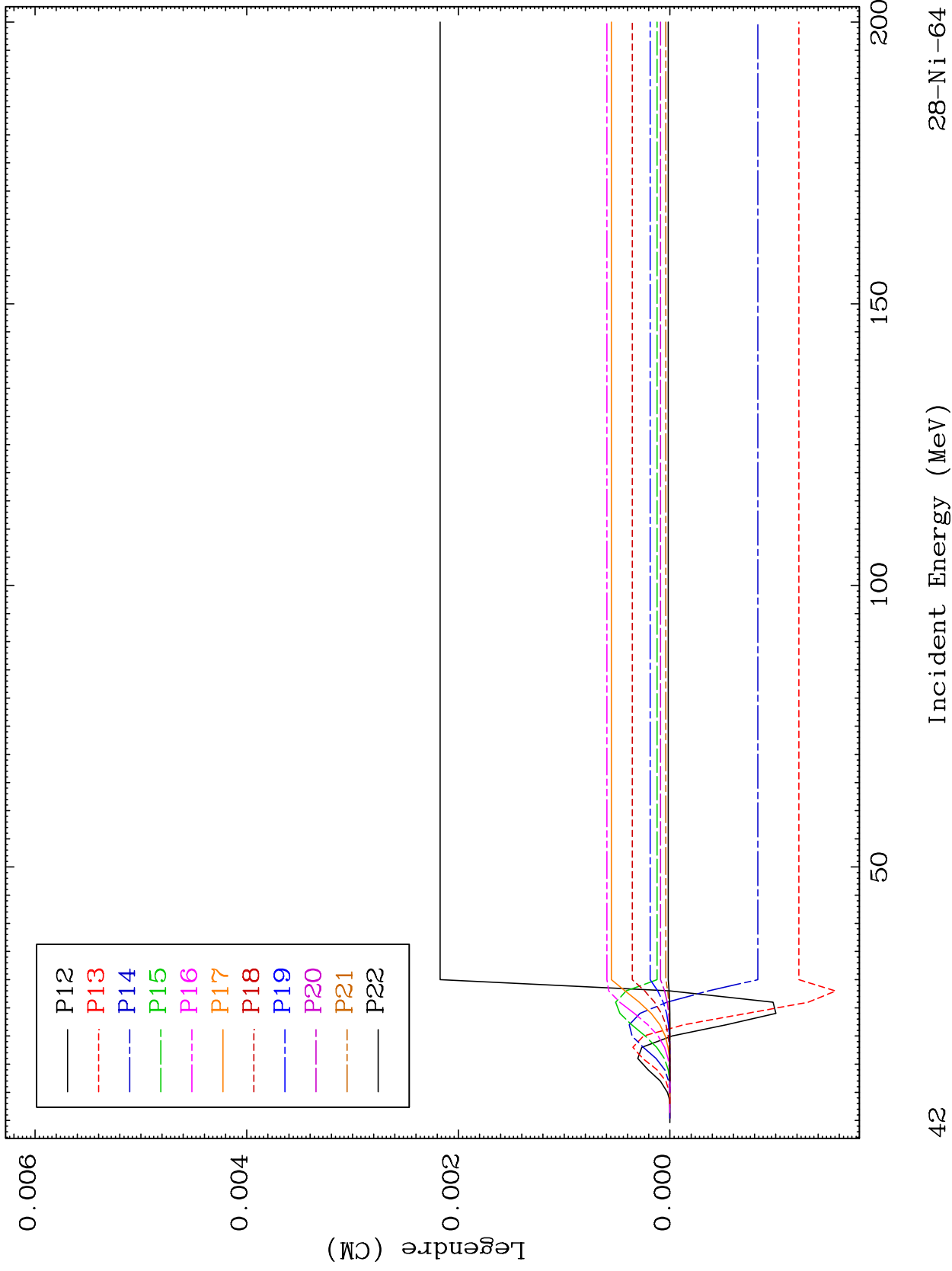
28-Ni-64



MAT 2843

3.166 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



42

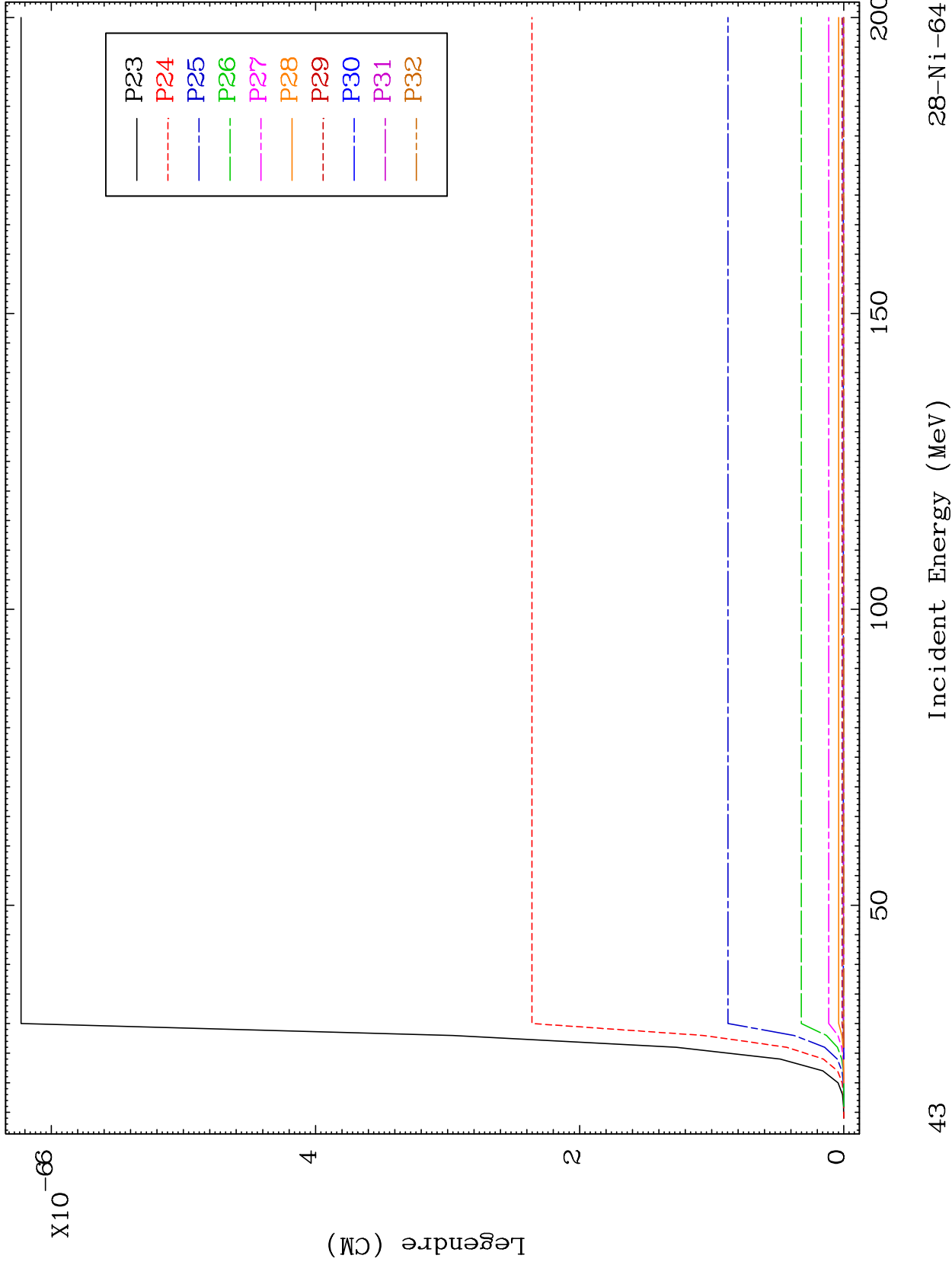
Incident Energy (MeV)

28-Ni-64

MAT 2843

3.166 MeV (n,n') Level  
Legendre Coefficients

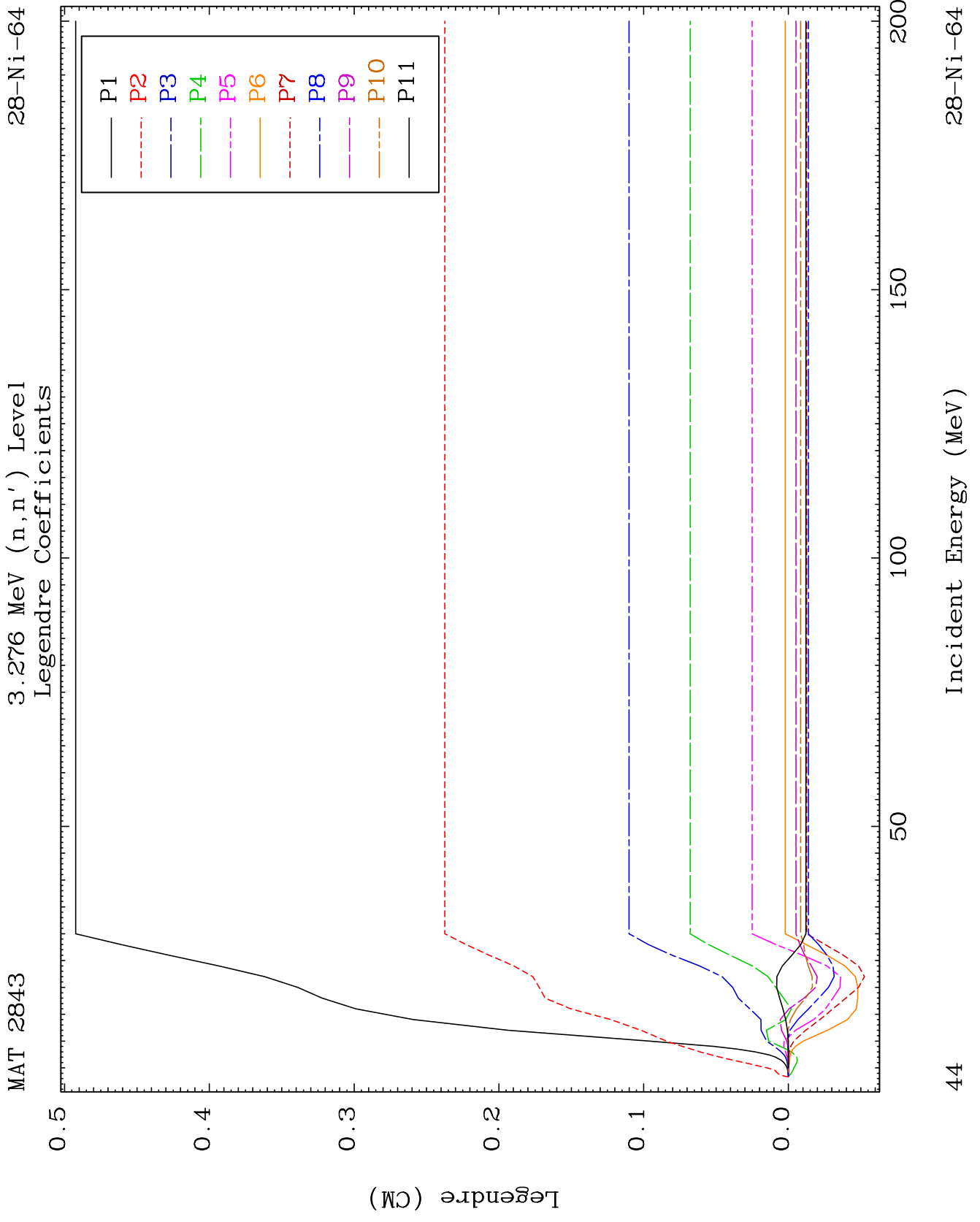
28-Ni-64



43

Incident Energy (MeV)

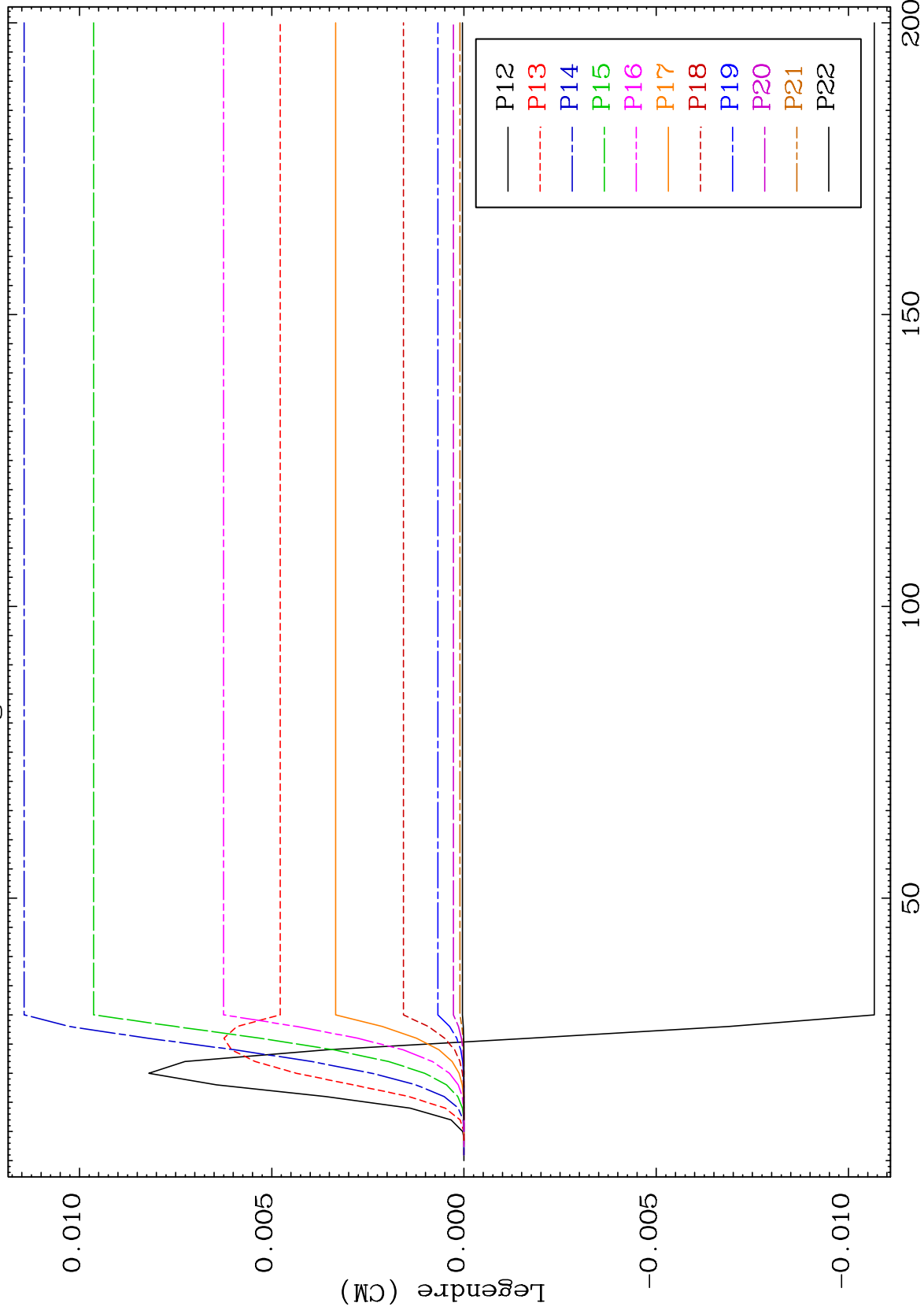
28-Ni-64



MAT 2843

3.276 MeV (n,n') Level  
Legendre Coefficients

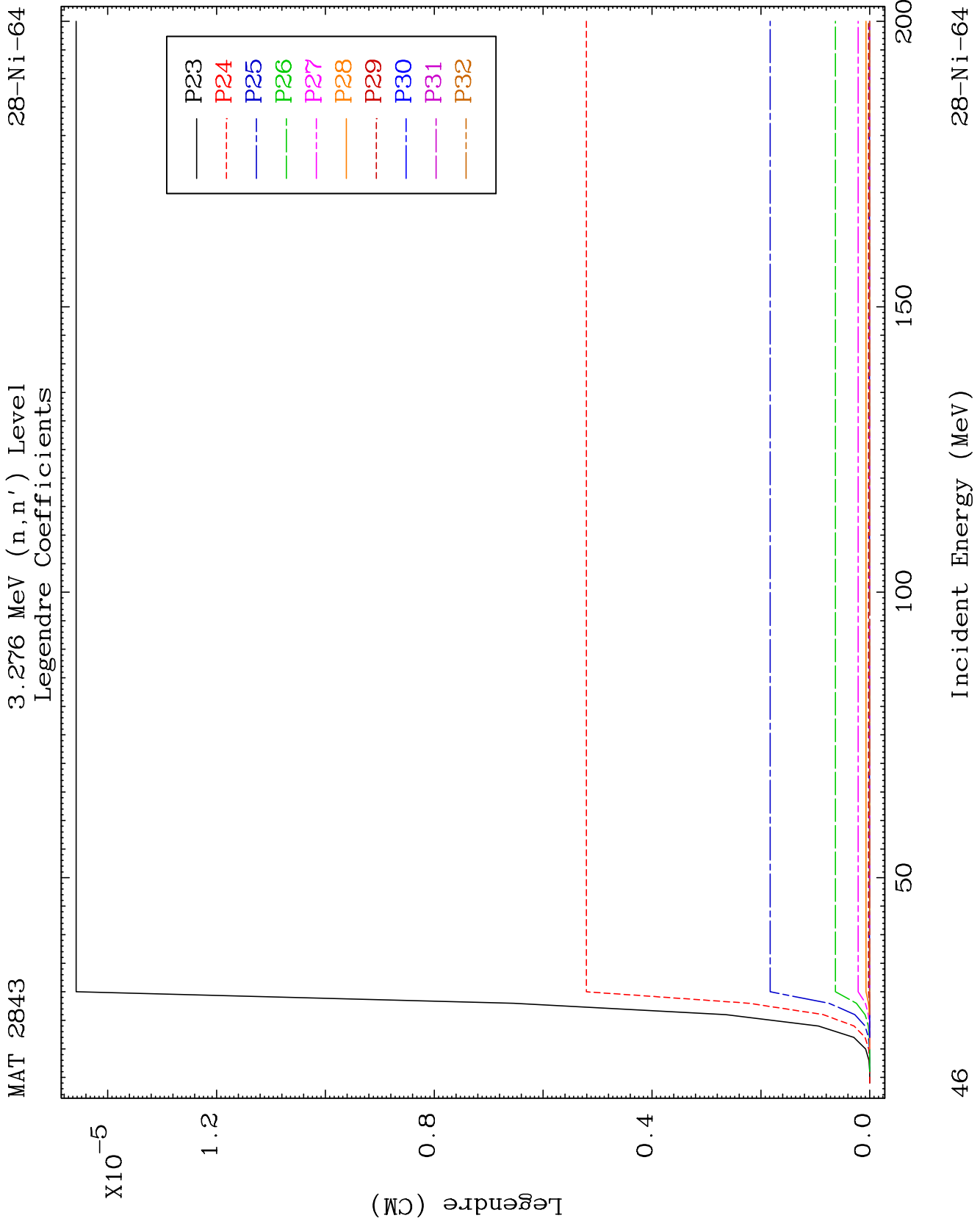
28-Ni-64



45

Incident Energy (MeV)

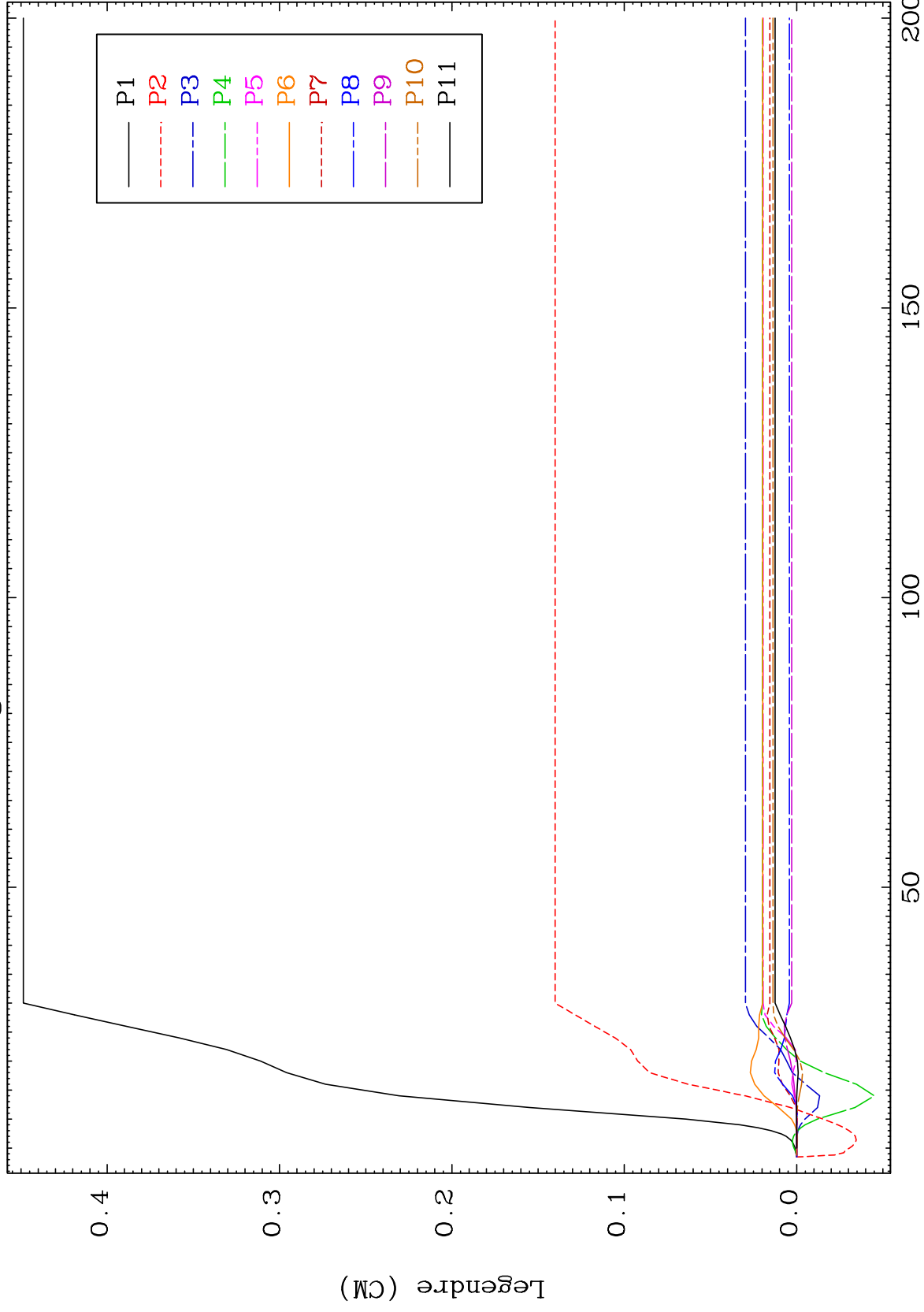
28-Ni-64



MAT 2843

3.396 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



47

Incident Energy (MeV)

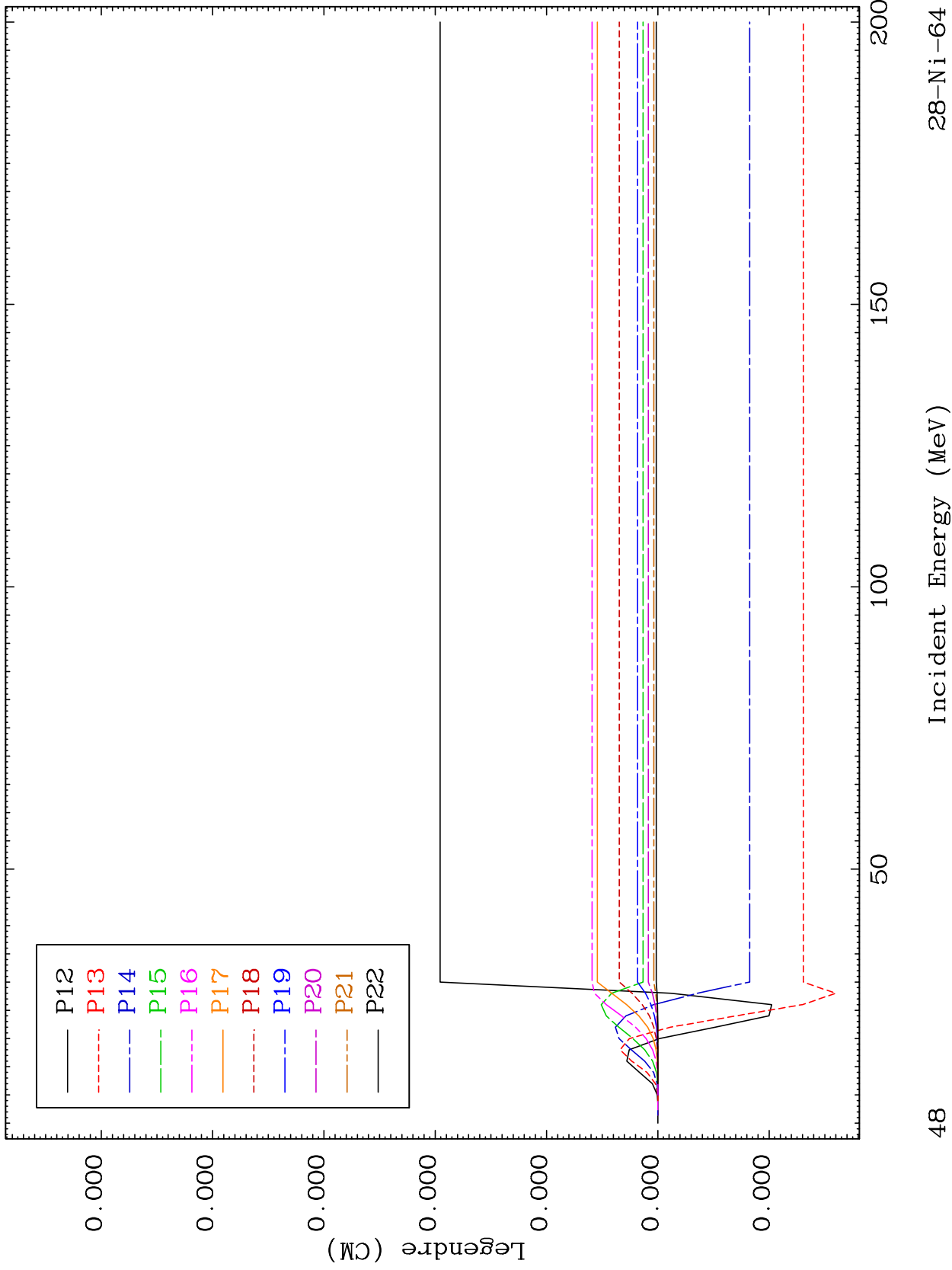
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MAT 2843

3.396 MeV (n,n') Level  
Legendre Coefficients

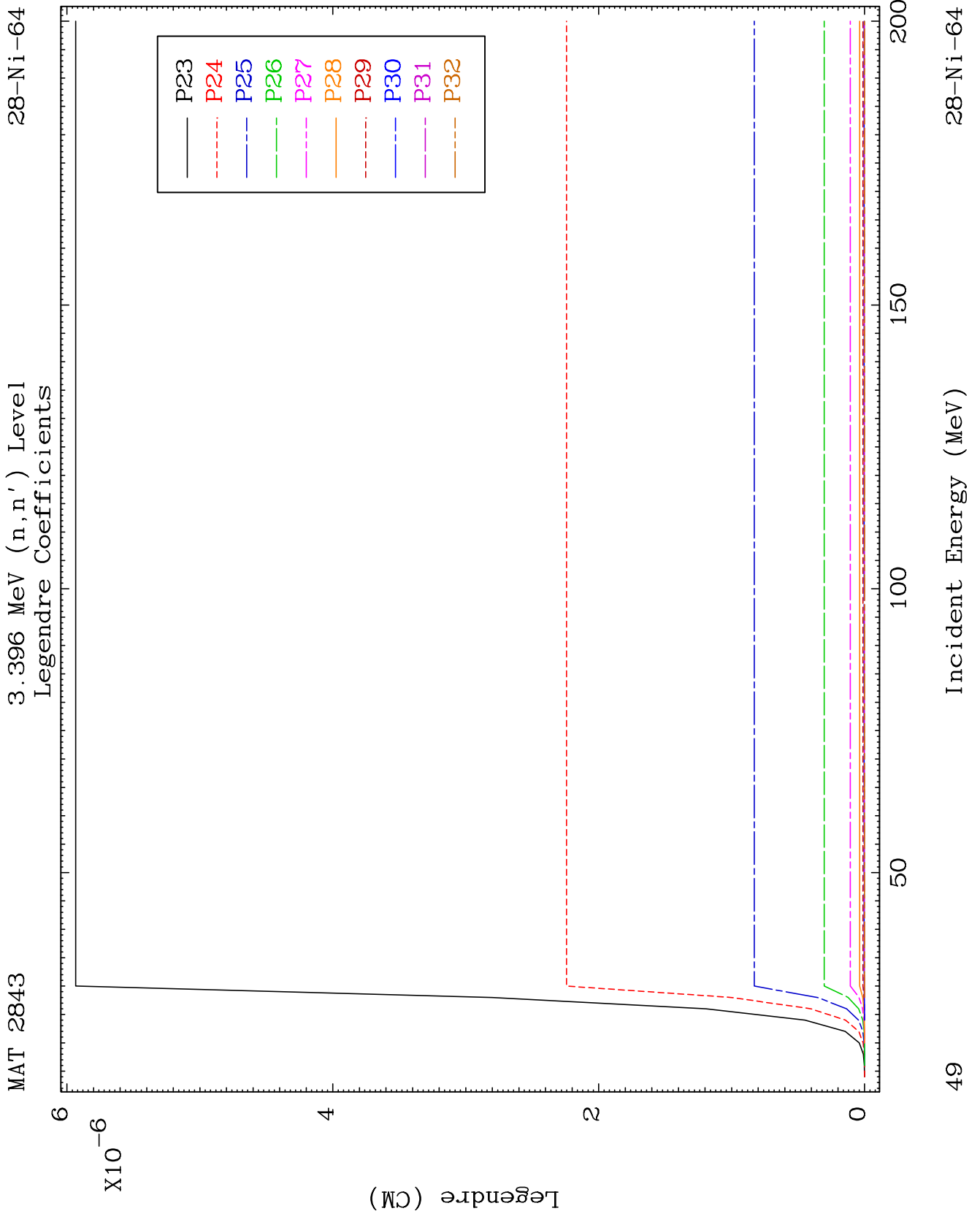
28-Ni-64

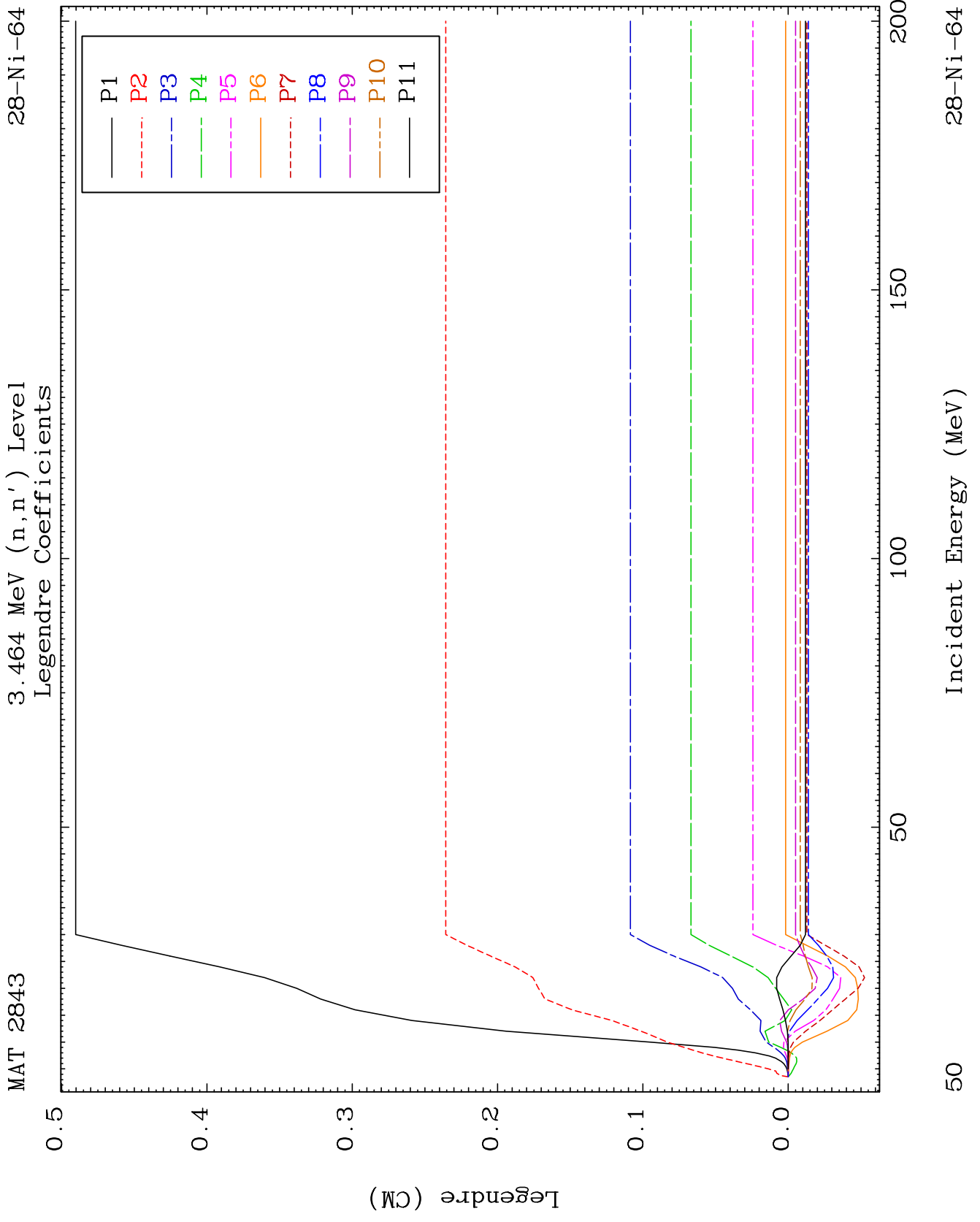


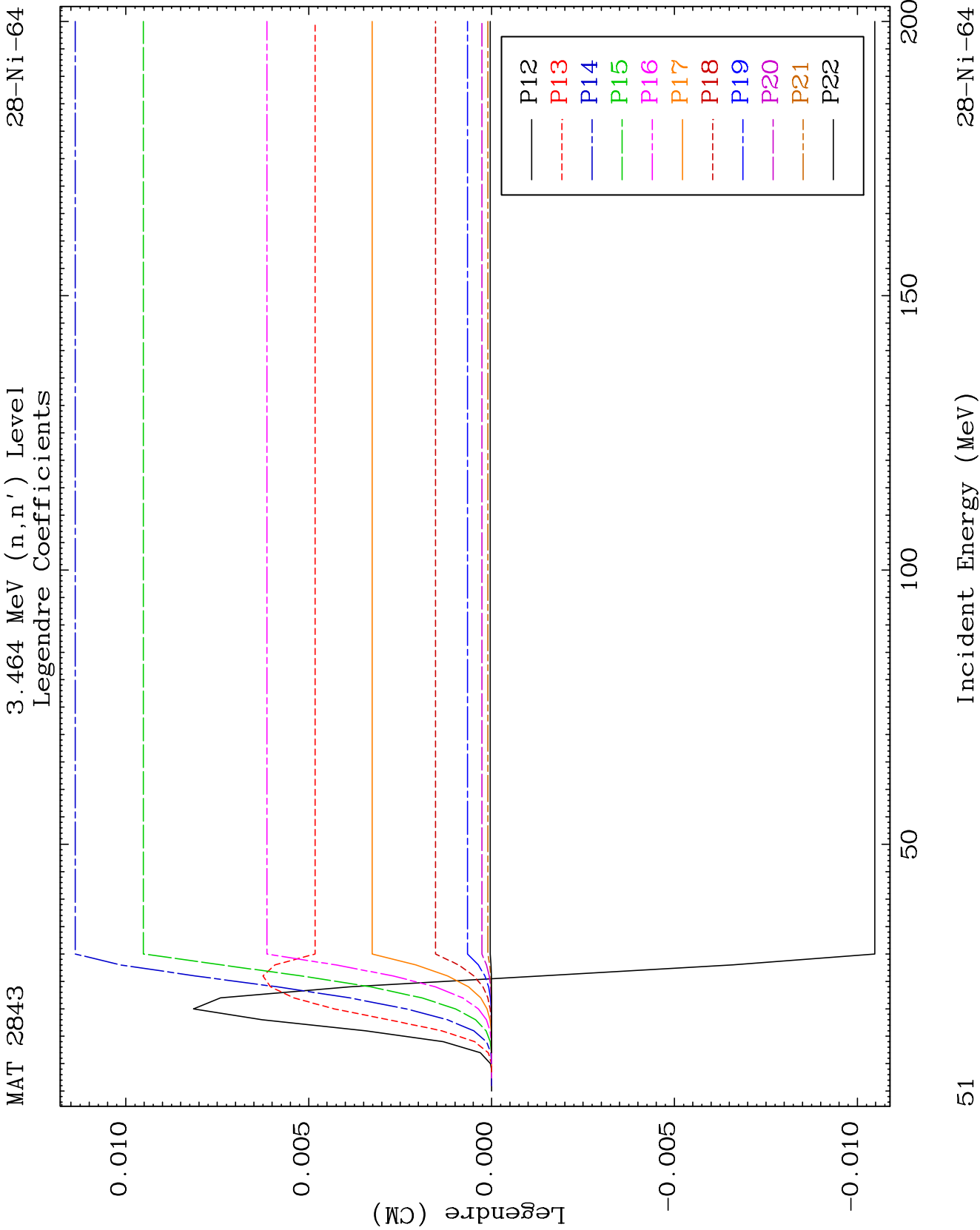
48

Incident Energy (MeV)

28-Ni-64



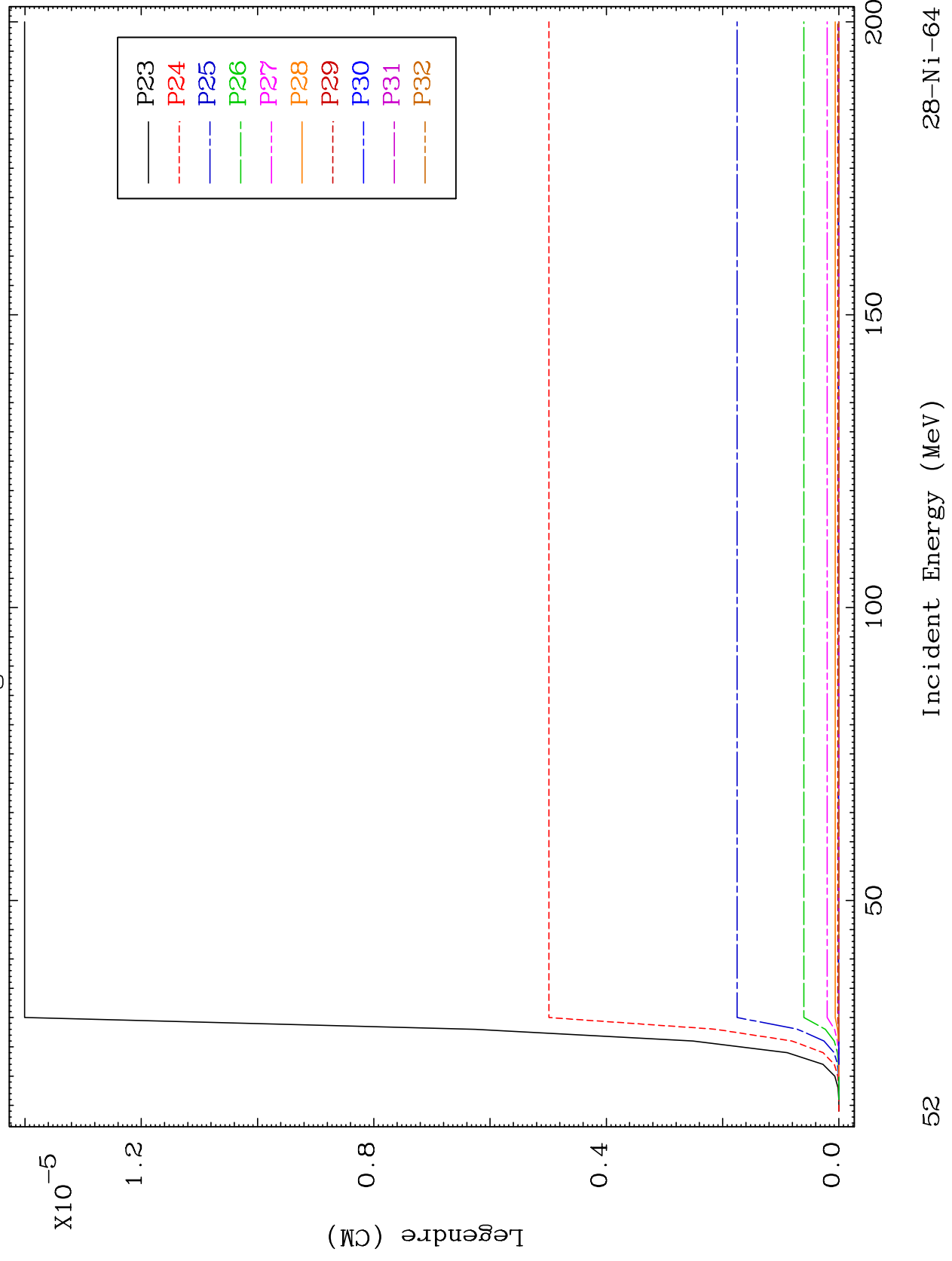




MAT 2843

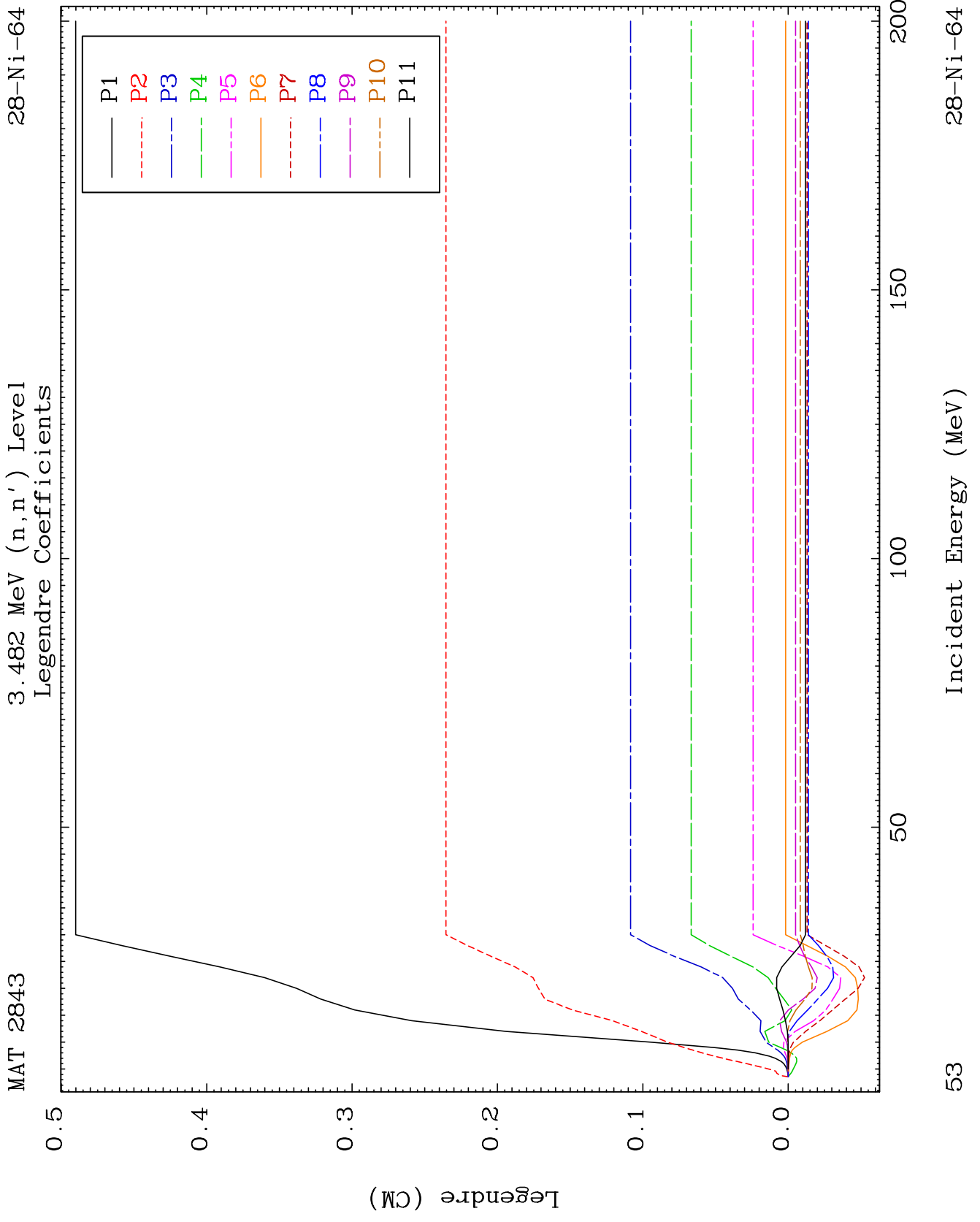
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Legendre Coefficients

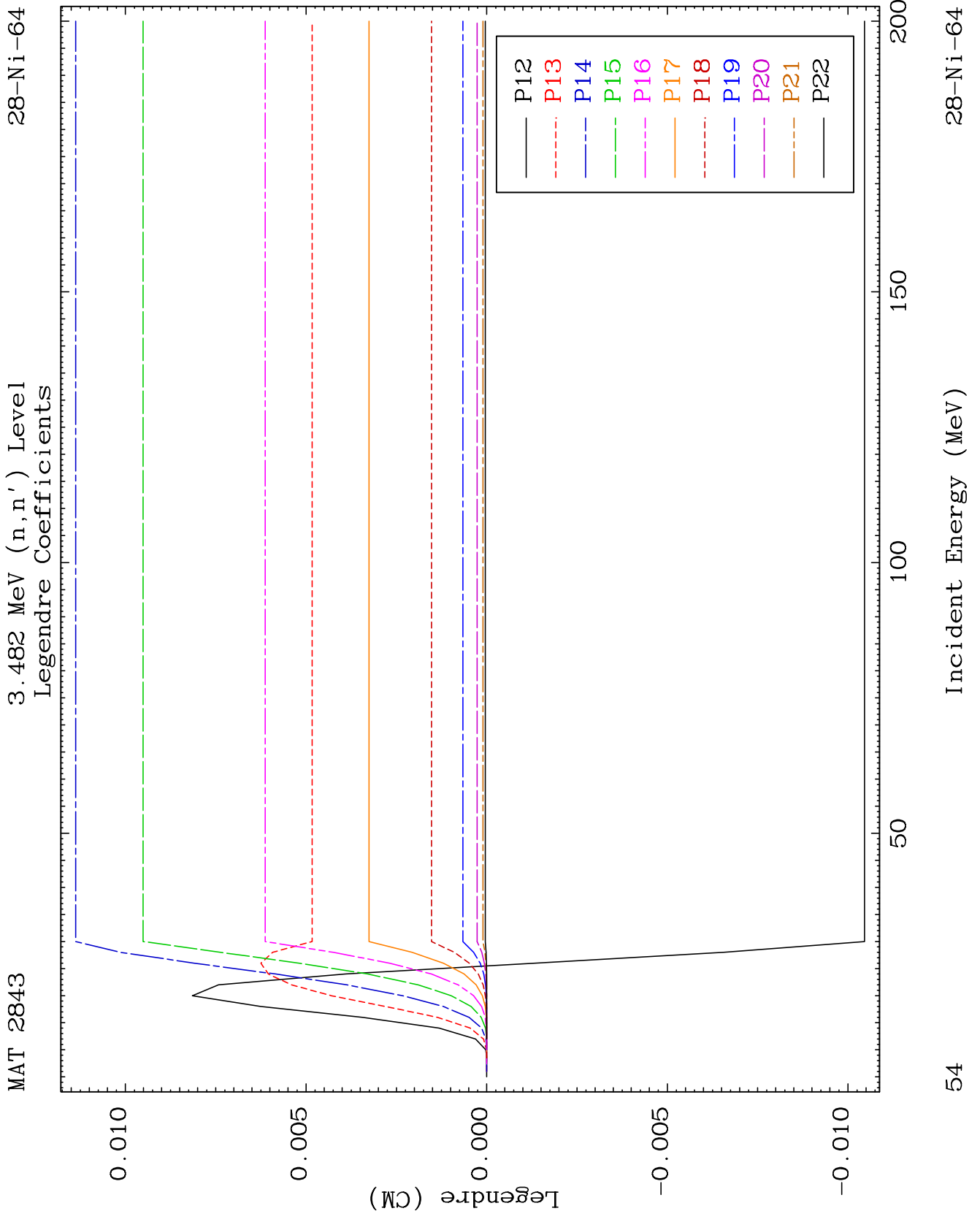
28-Ni-64



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28-Ni-64

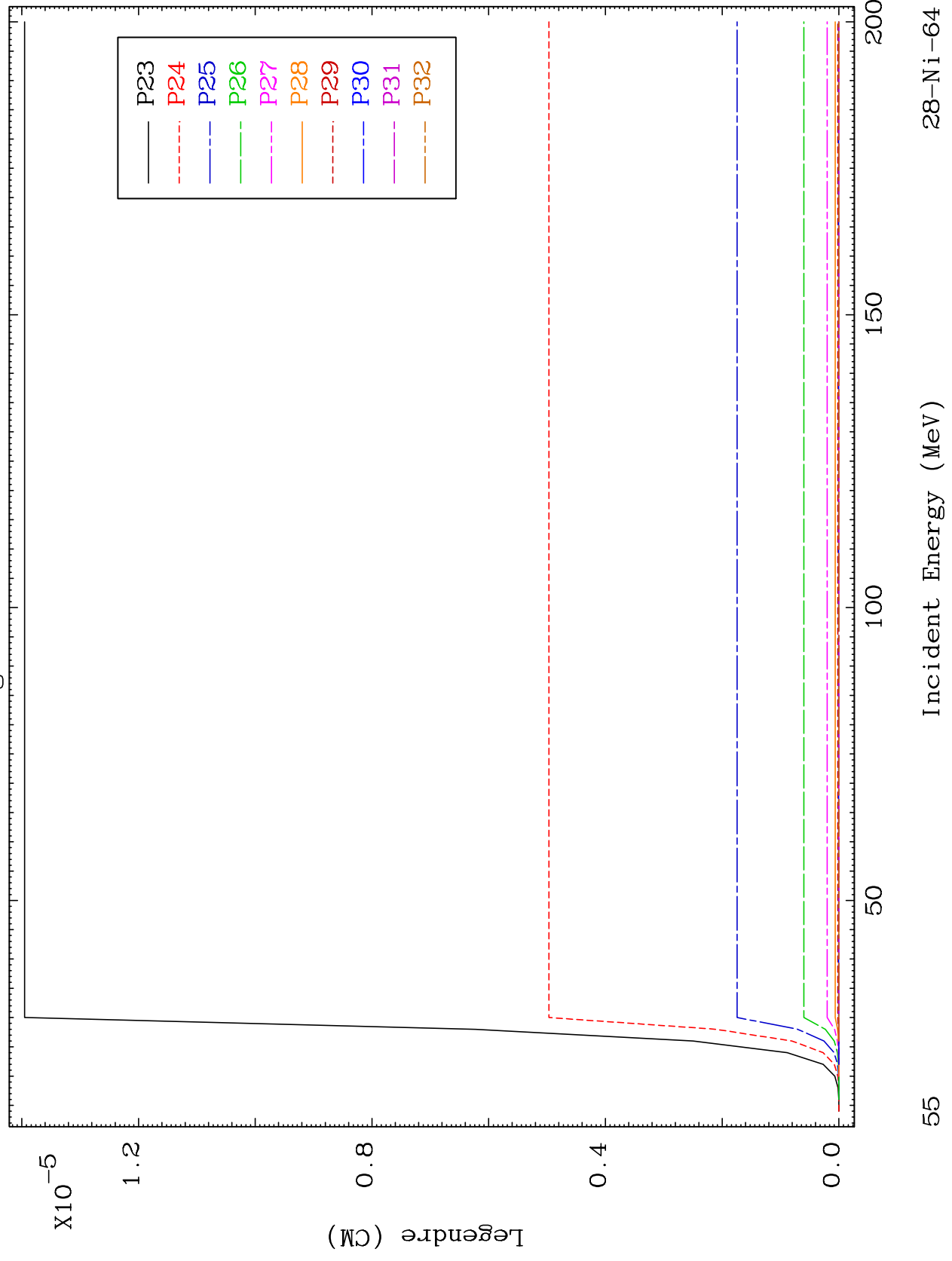




MAT 2843

3.482 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



28-Ni-64

Incident Energy (MeV)

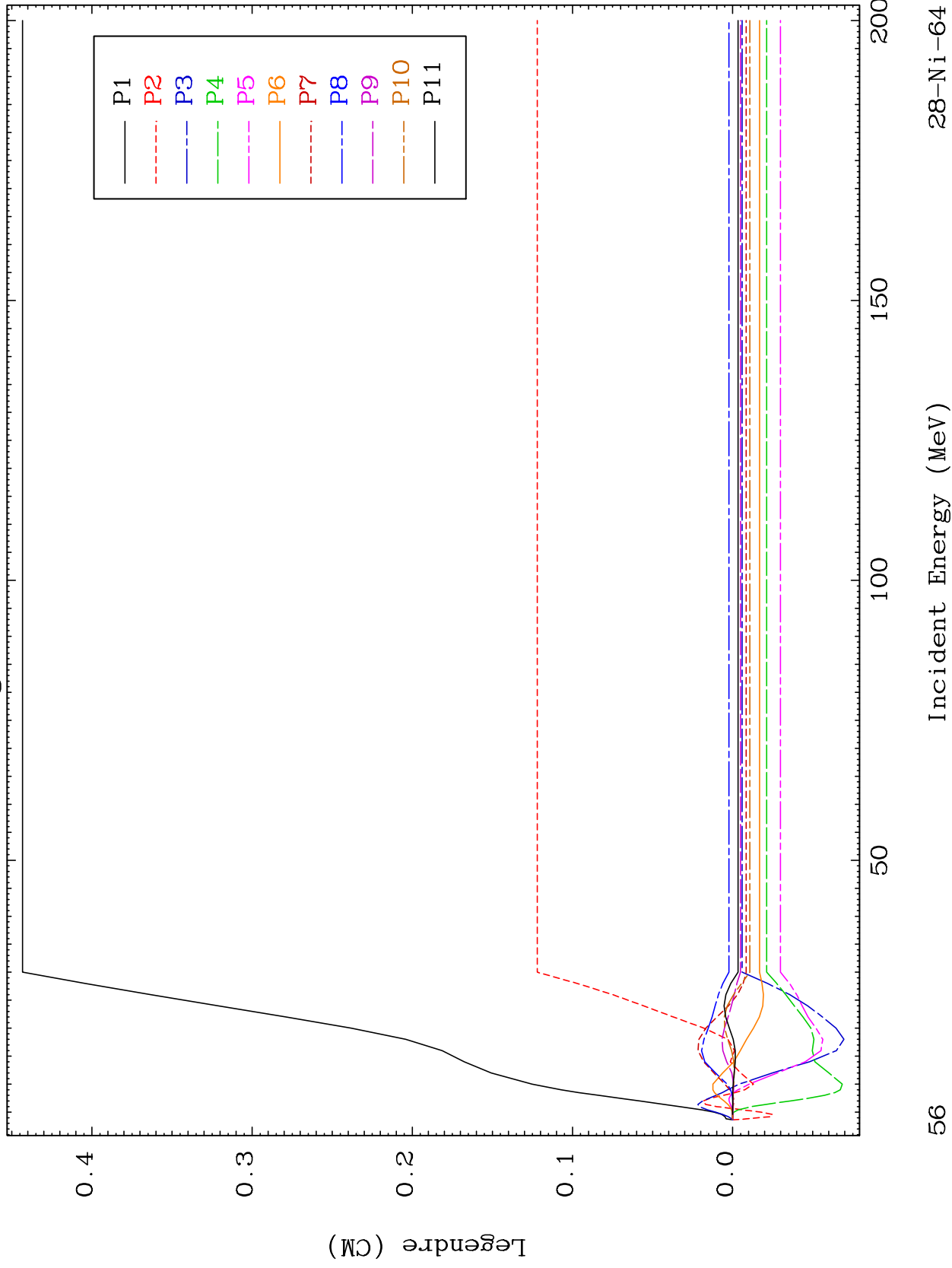
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MAT 2843

3.560 MeV (n,n') Level  
Legendre Coefficients

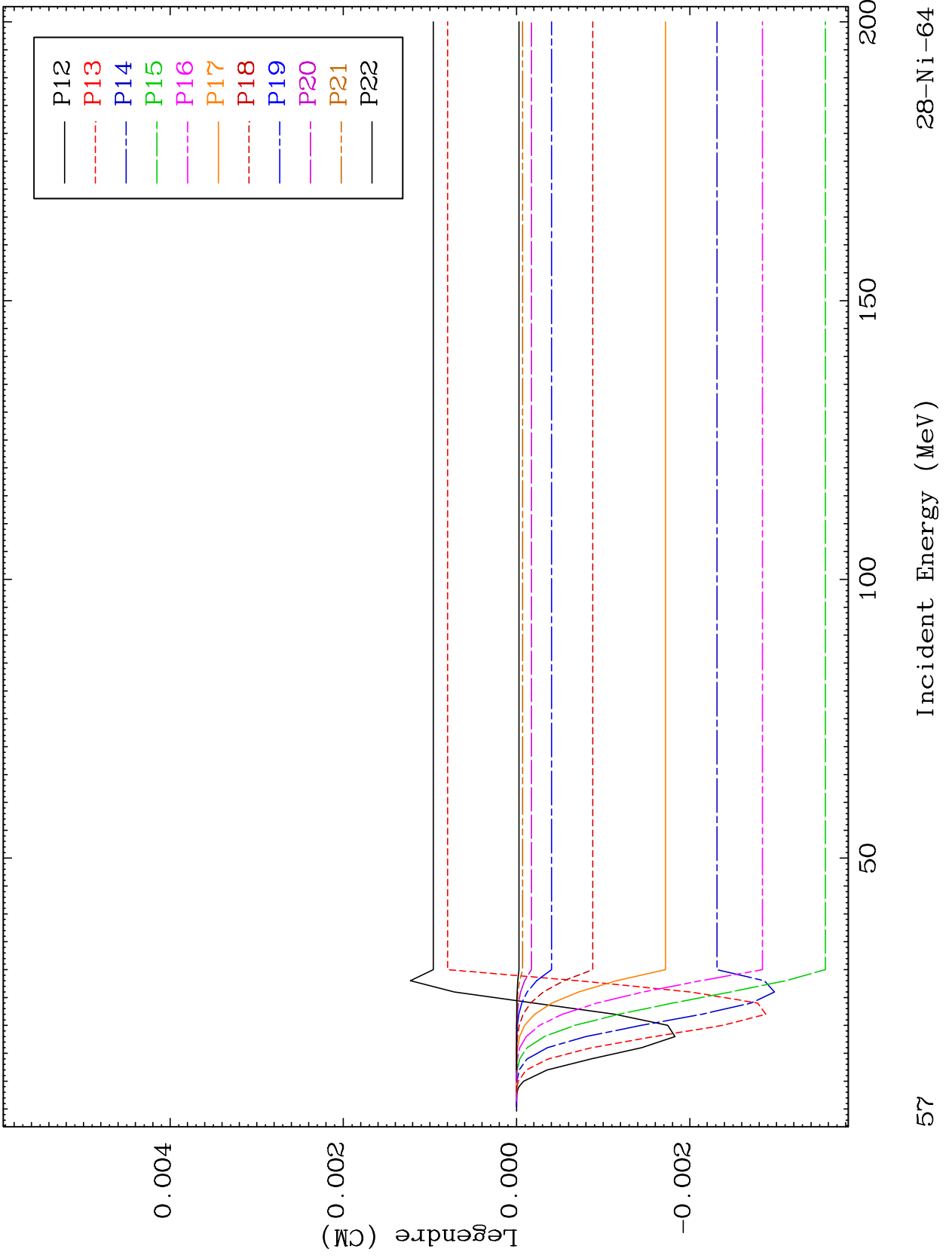
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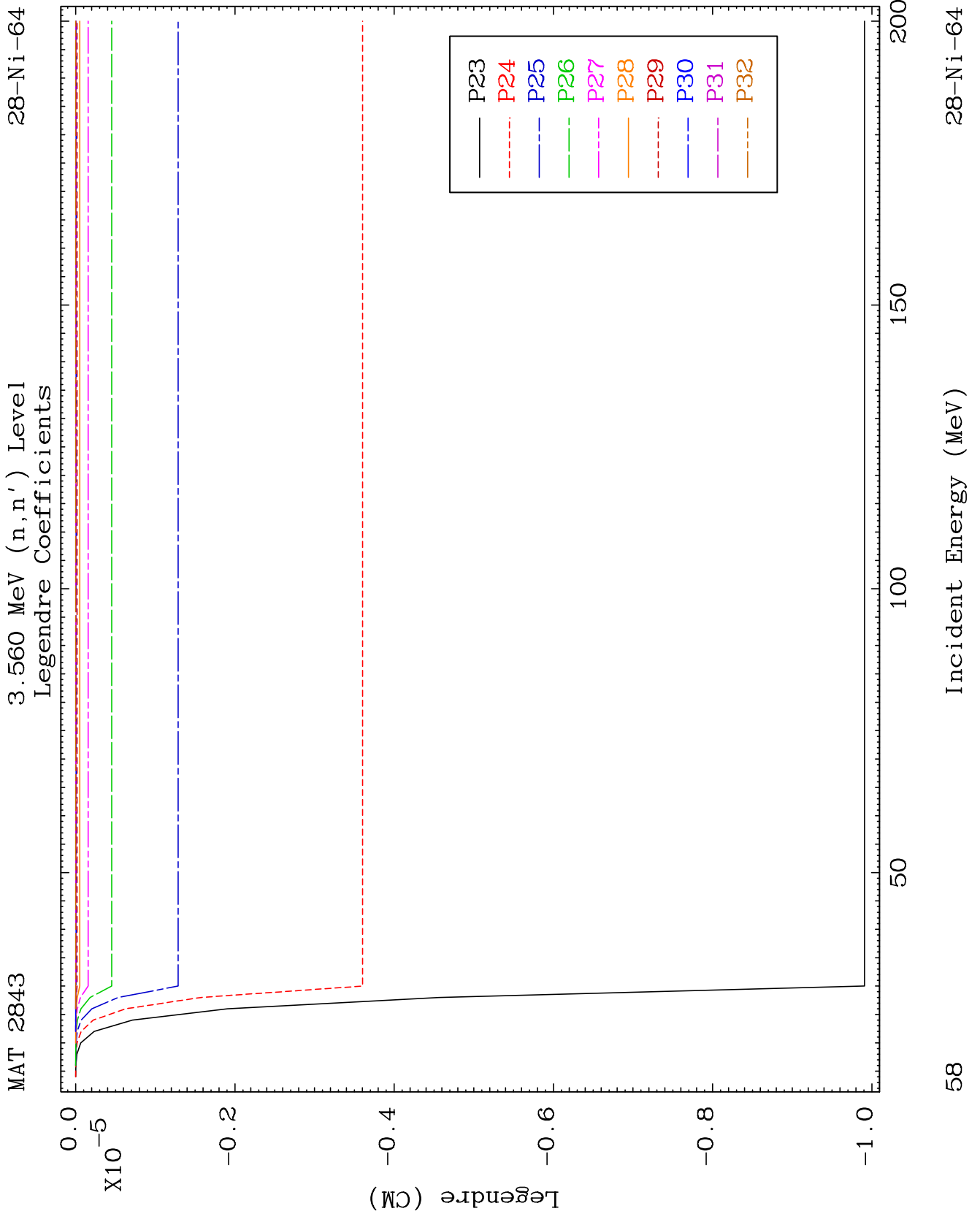


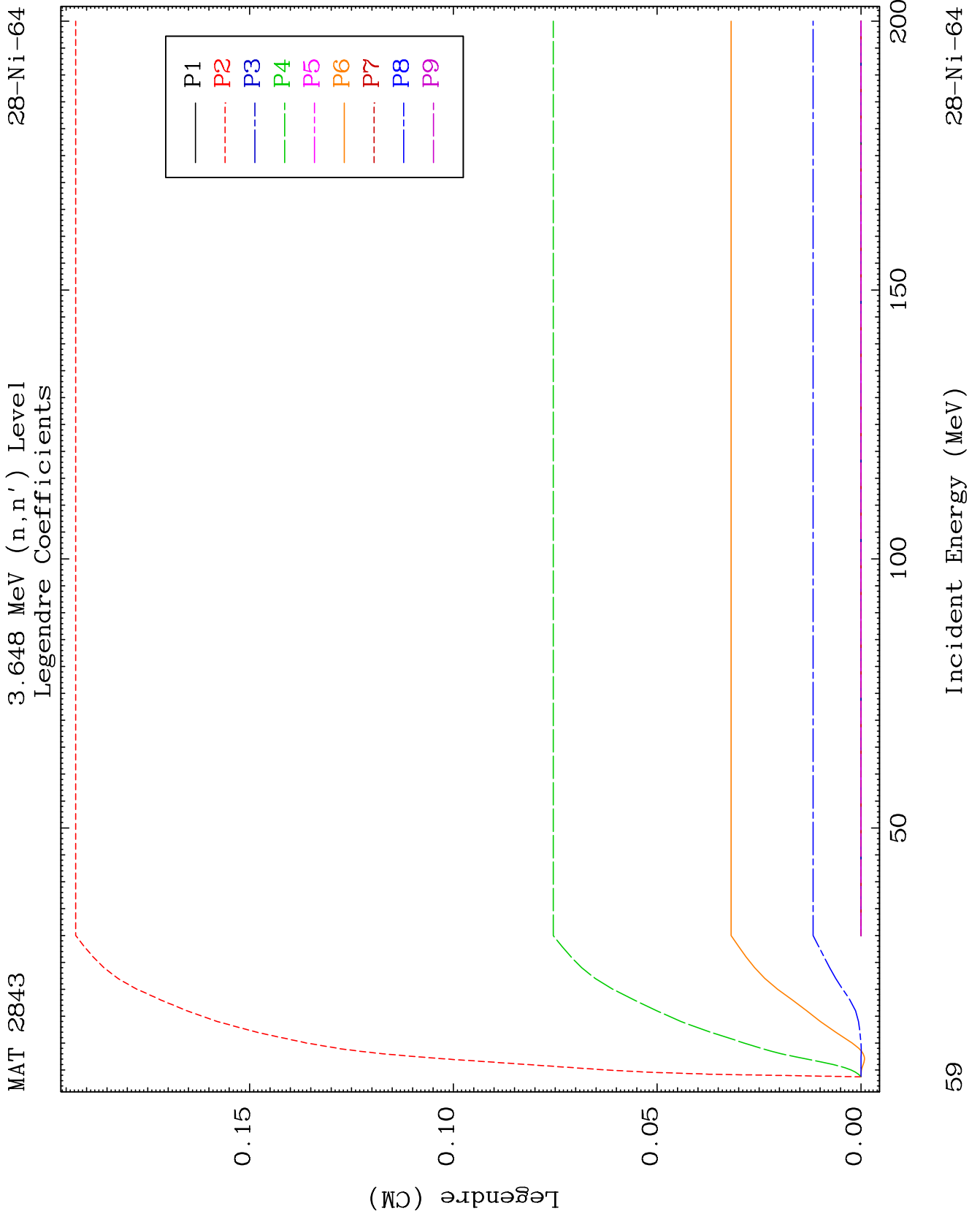
56

Incident Energy (MeV)

28-Ni-64



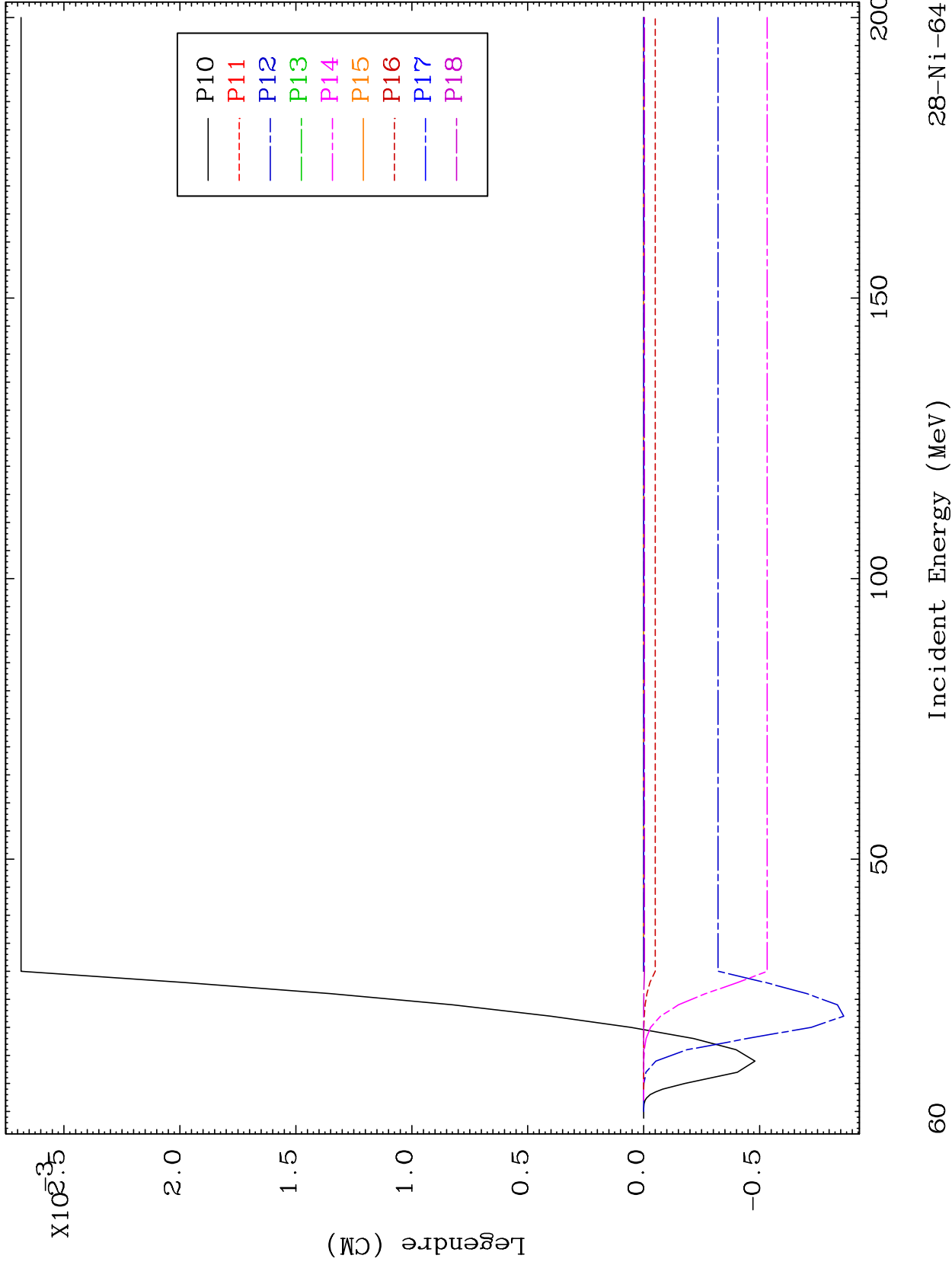




MAT 2843

3.648 MeV (n,n') Level  
Legendre Coefficients

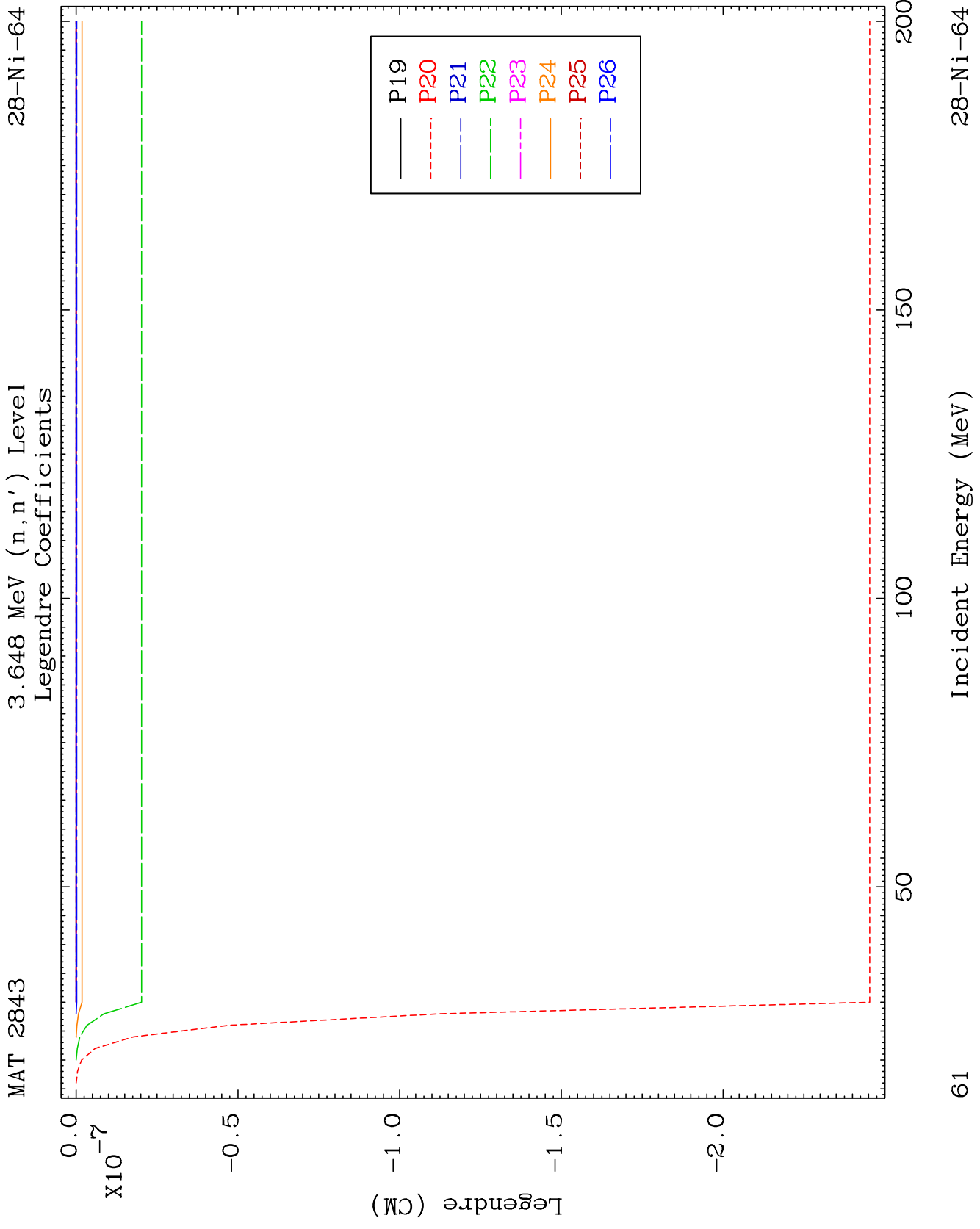
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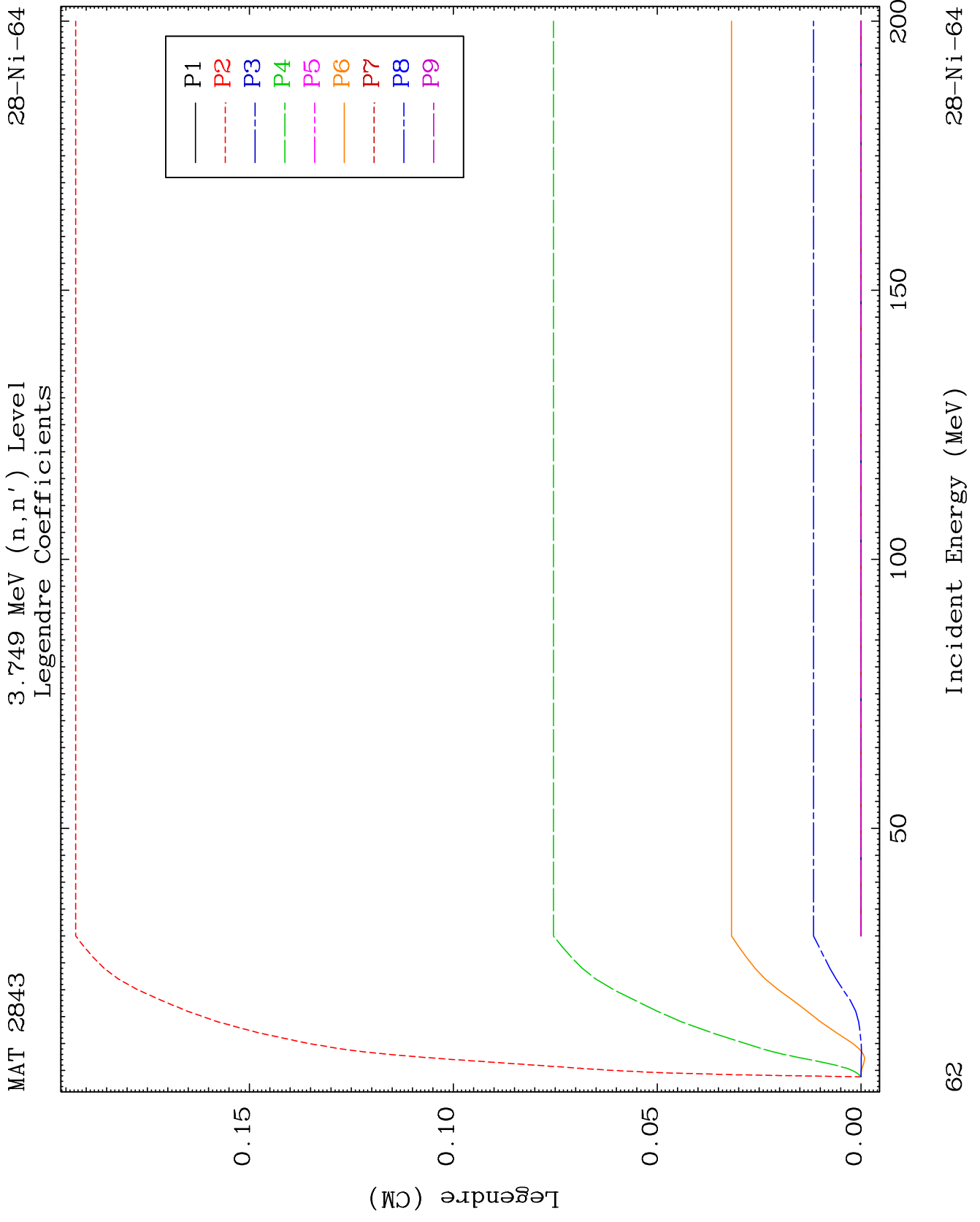


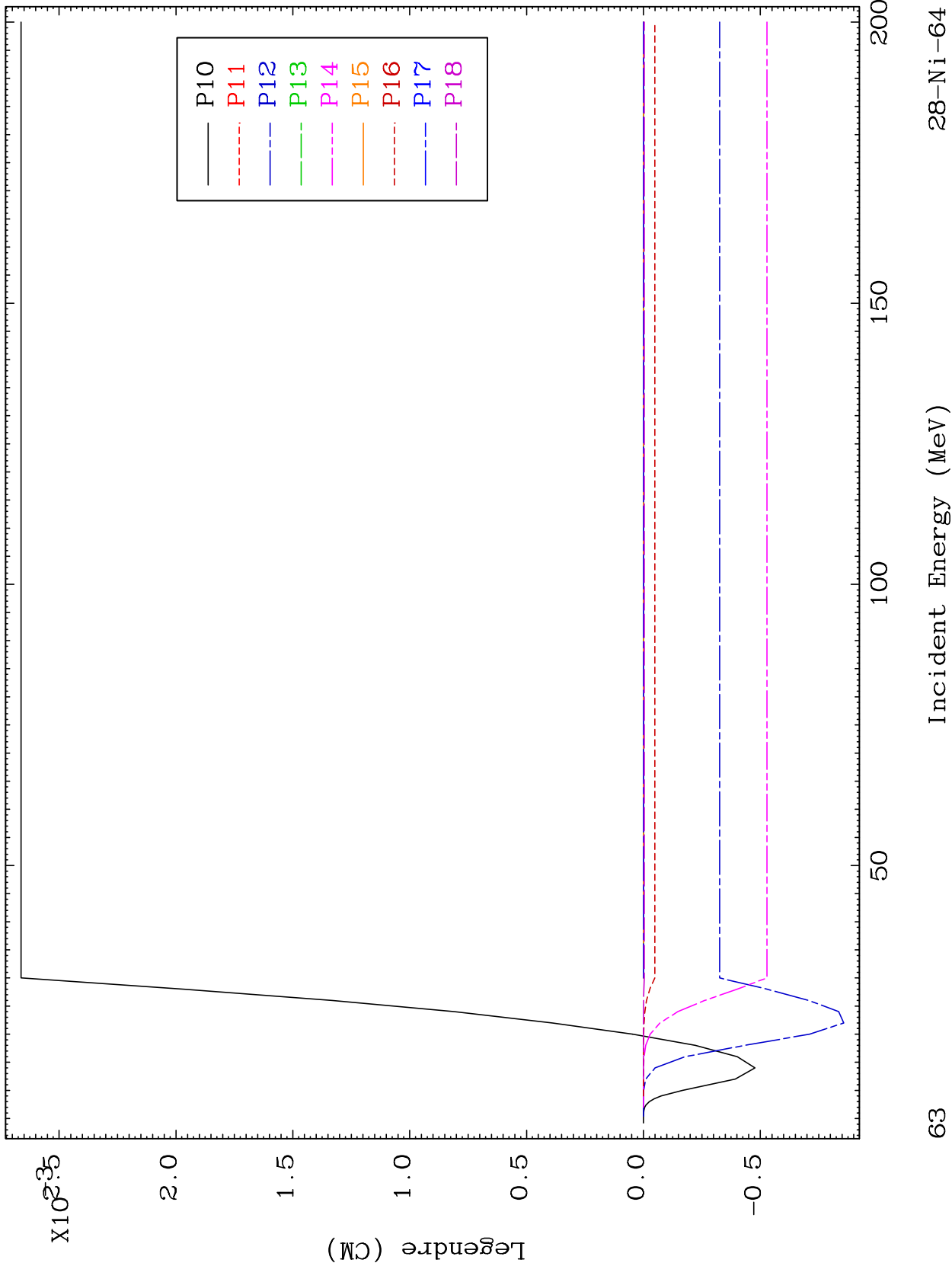
28-Ni-64

Incident Energy (MeV)

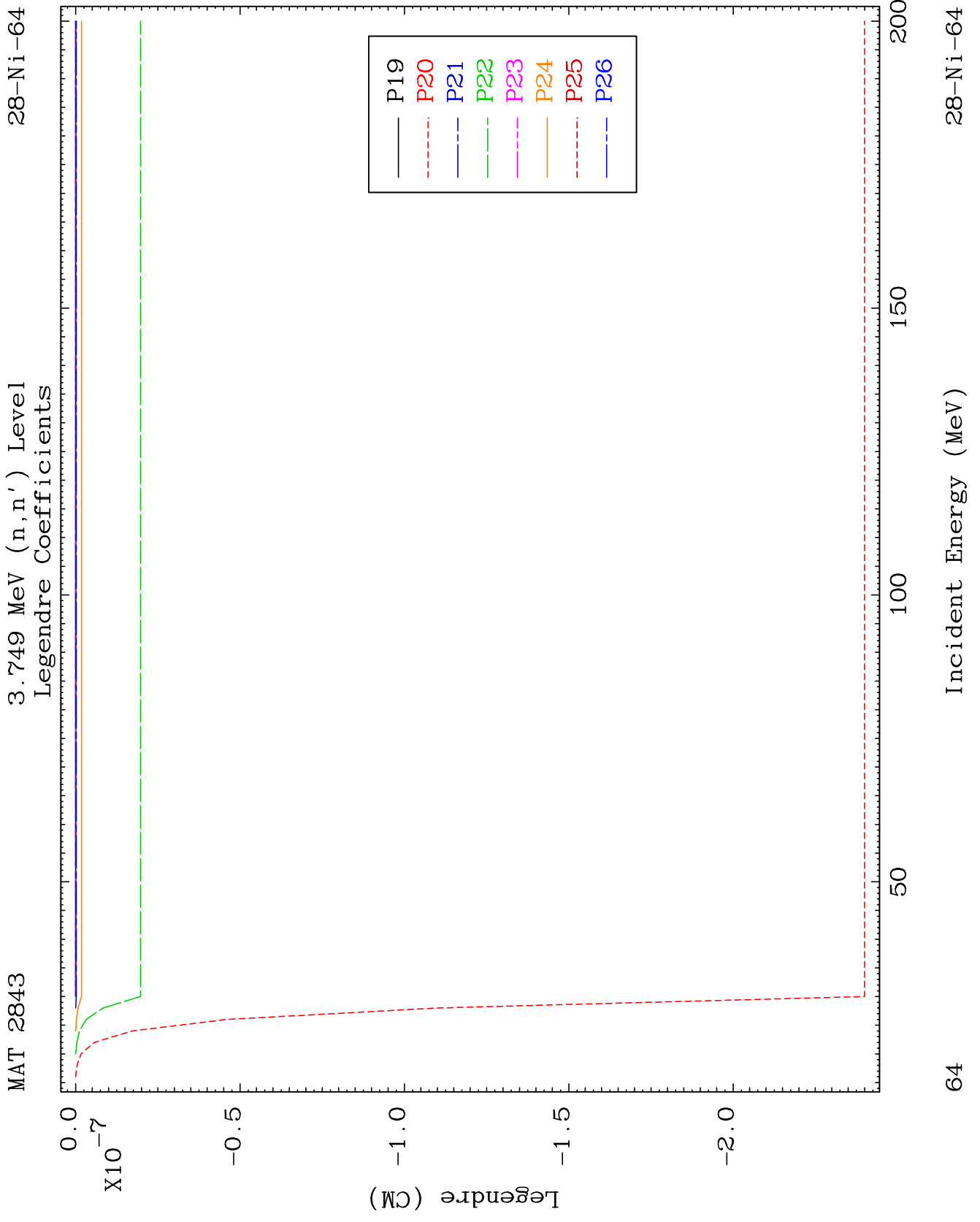
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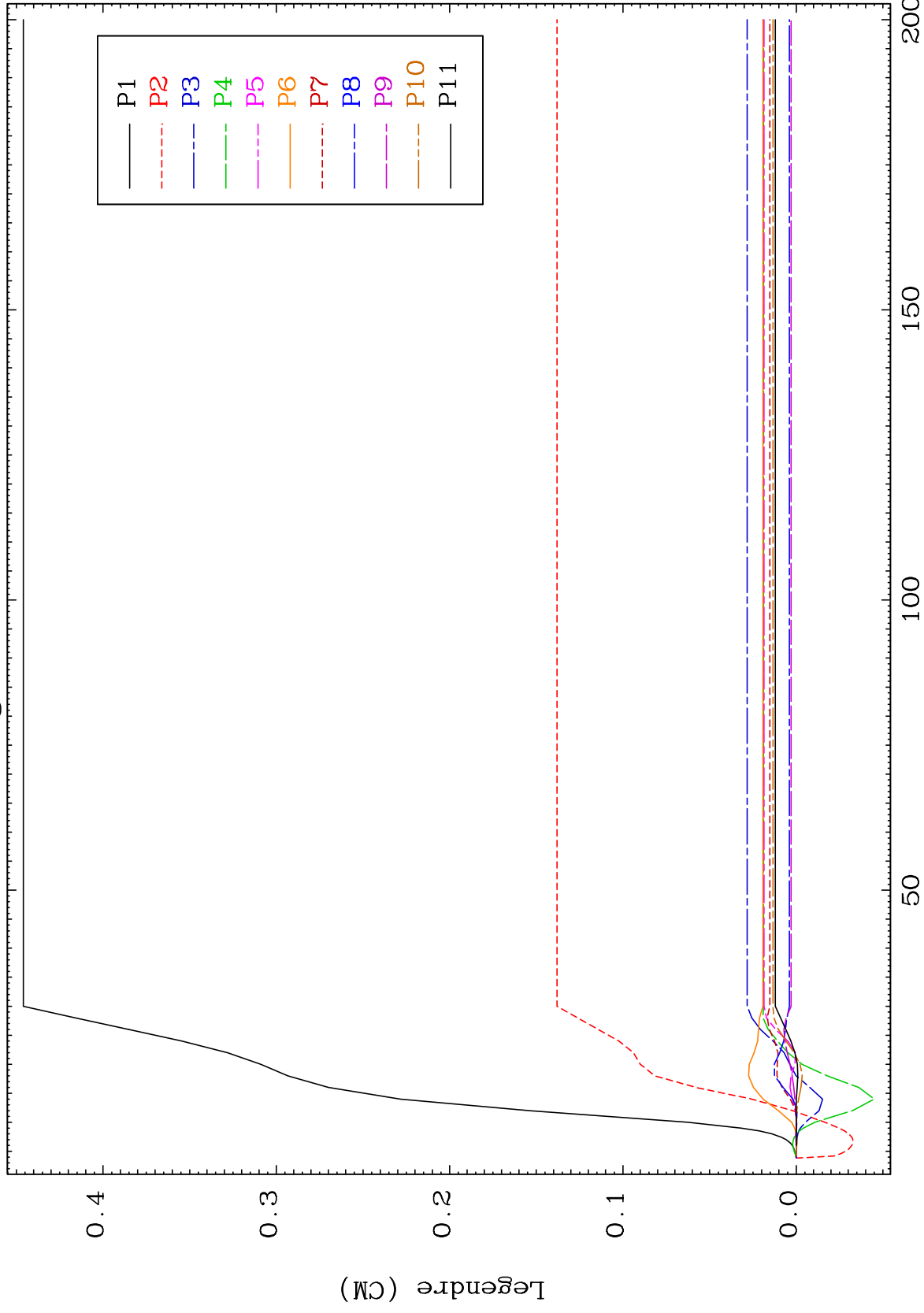




MAT 2843

3.773 MeV (n,n') Level  
Legendre Coefficients

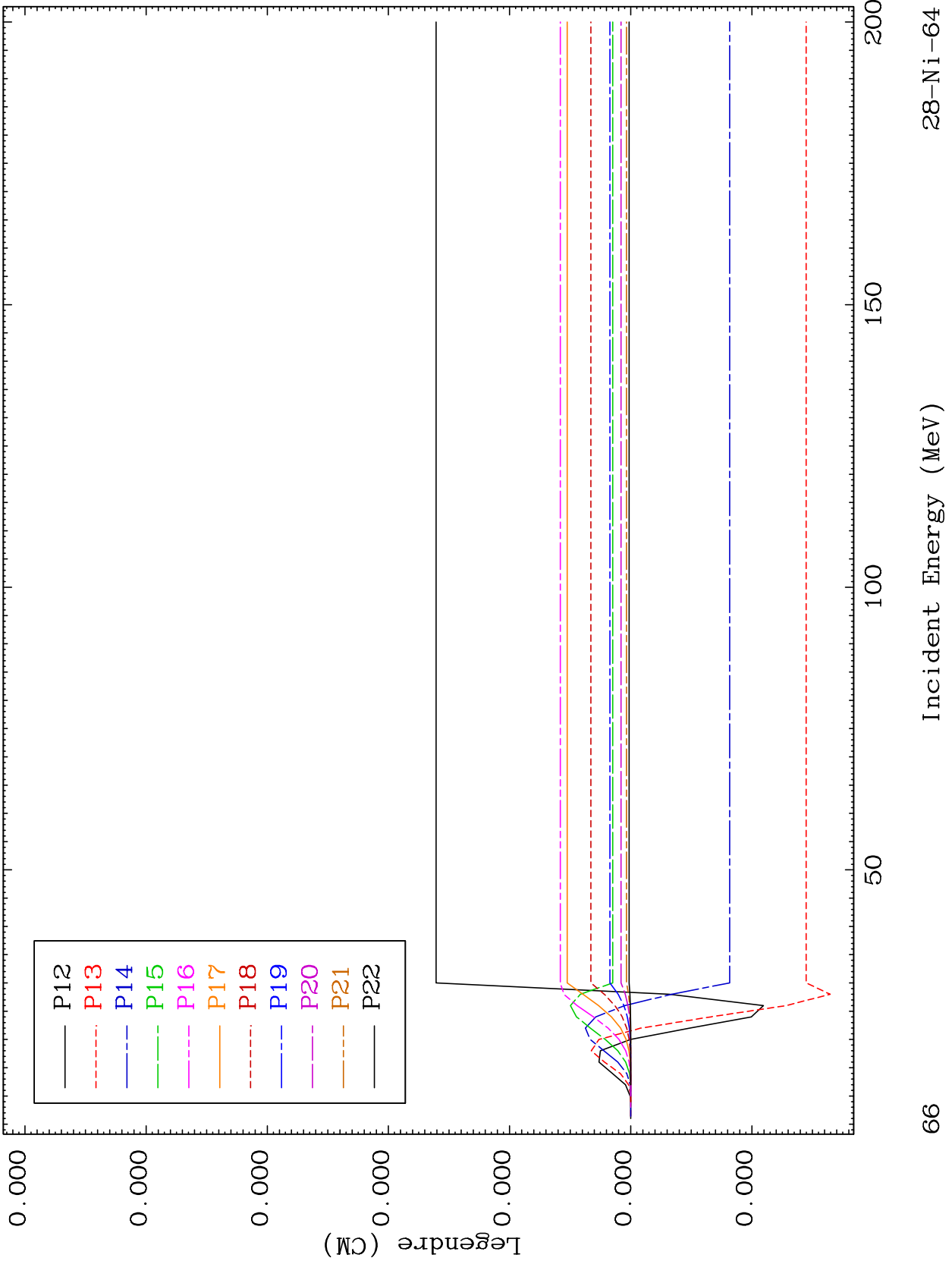
28-Ni-64



65

Incident Energy (MeV)

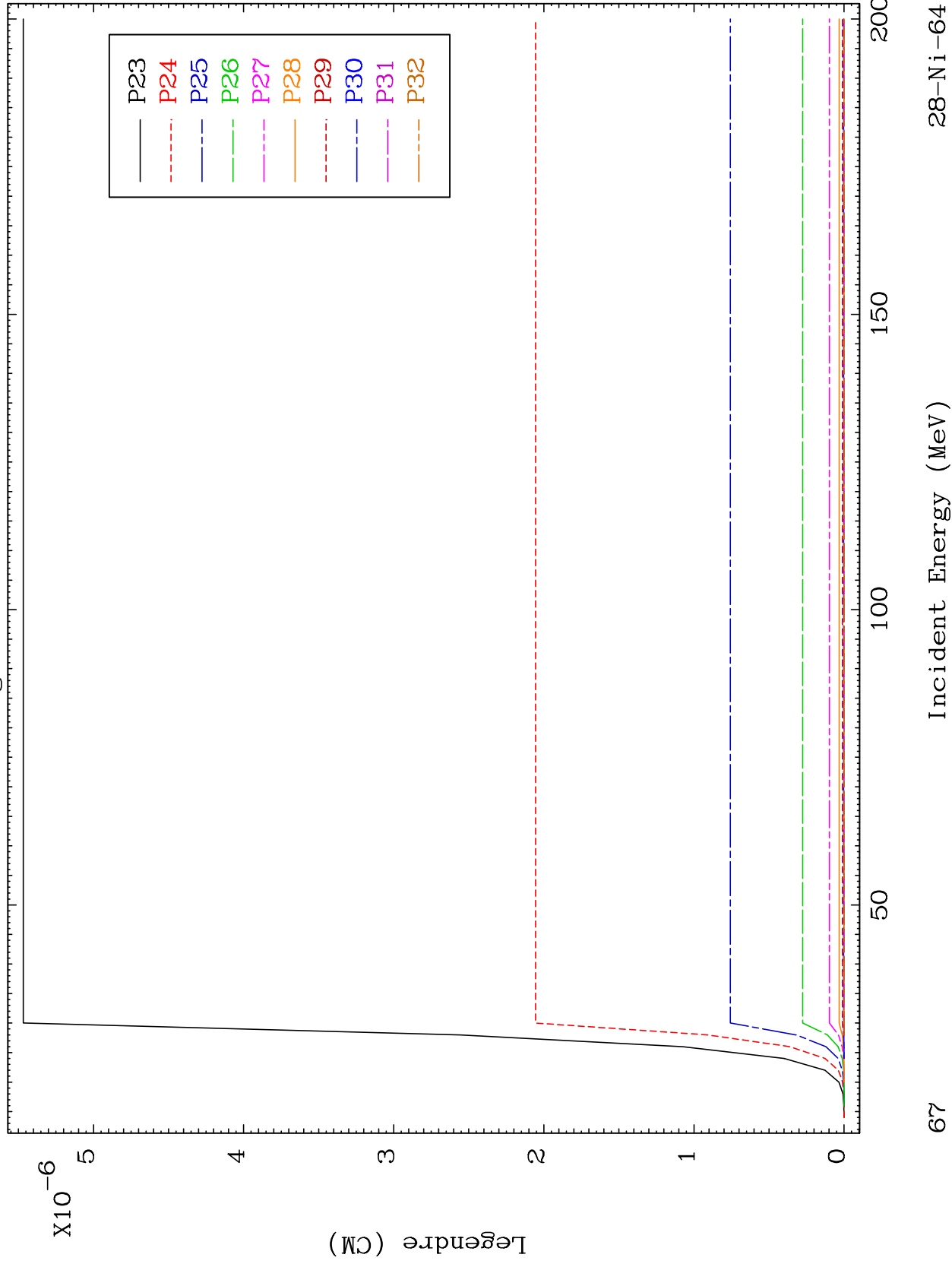
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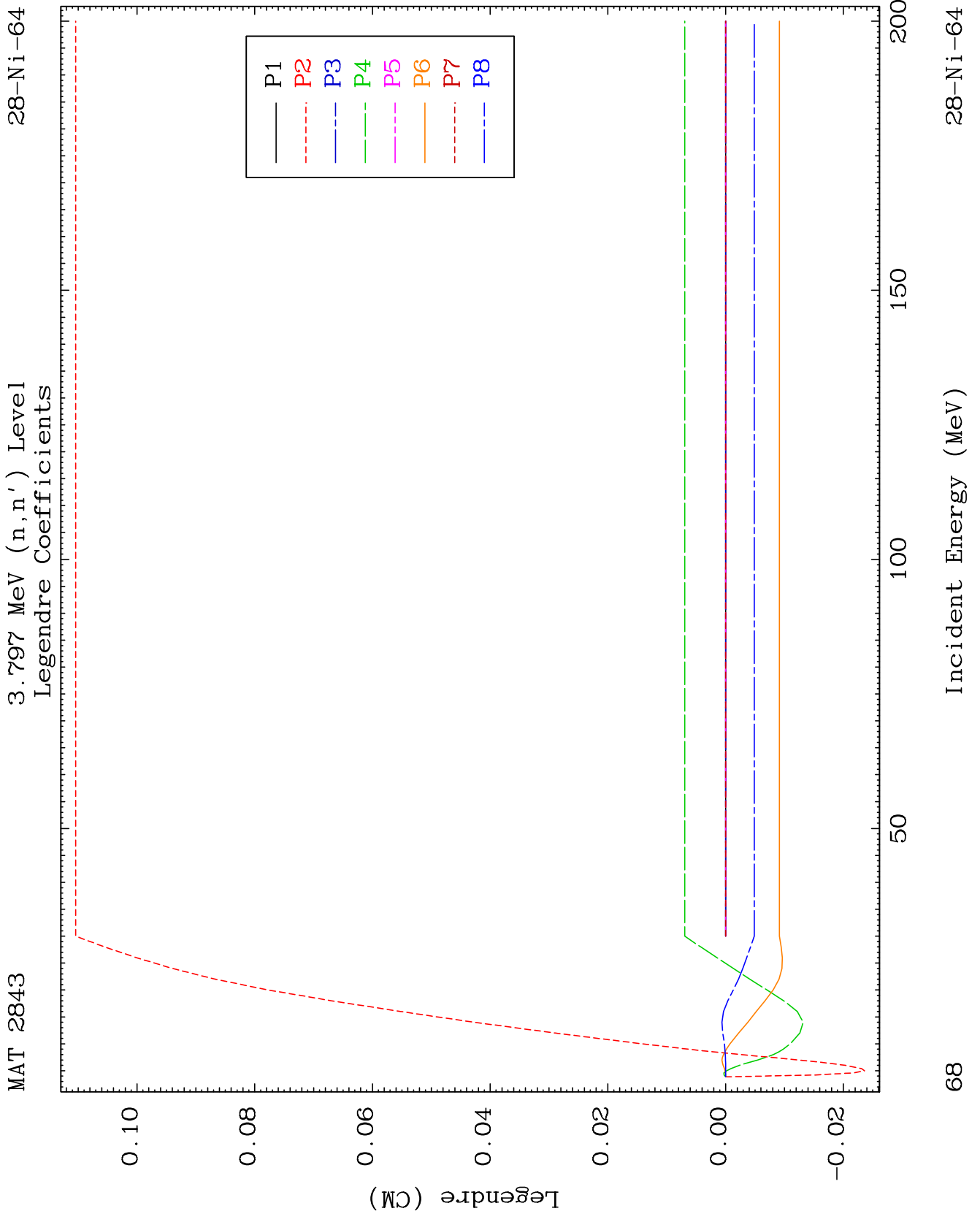


MAT 2843

3.773 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64

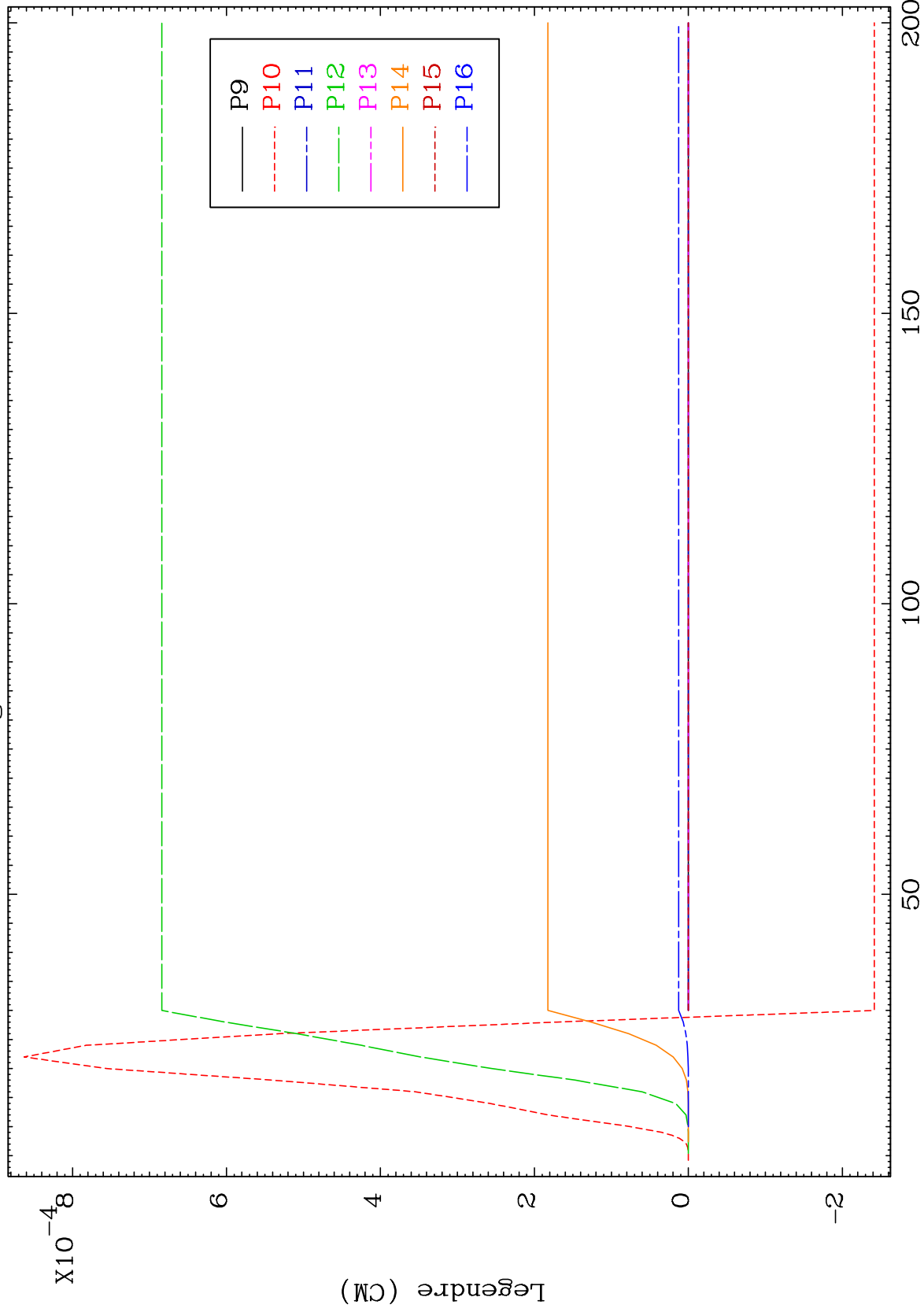




MAT 2843

3.797 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



69

Incident Energy (MeV)

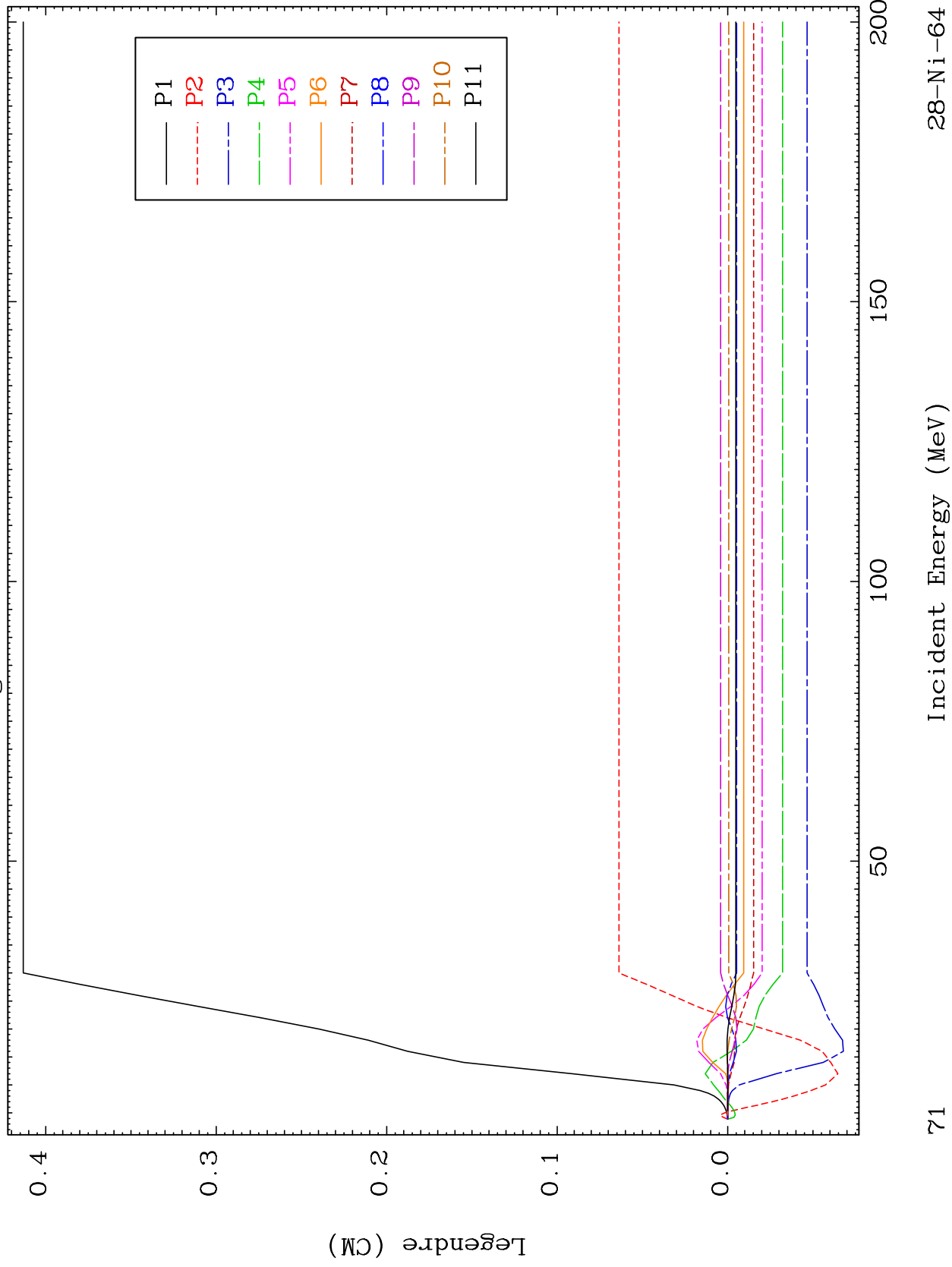
28-Ni-64



MAT 2843

3.808 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



71

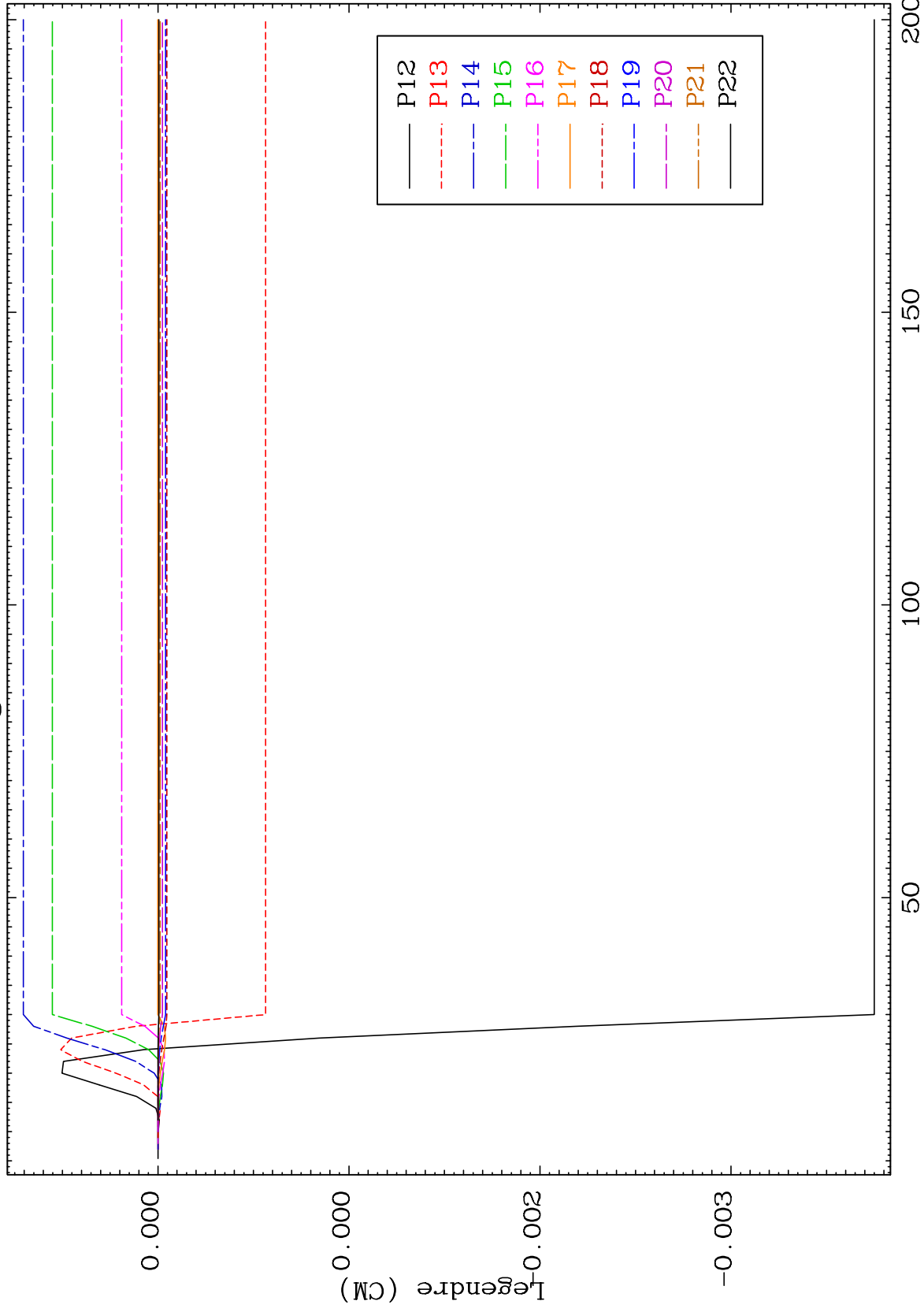
28-Ni-64



MAT 2843

3.808 MeV (n,n') Level  
Legendre Coefficients

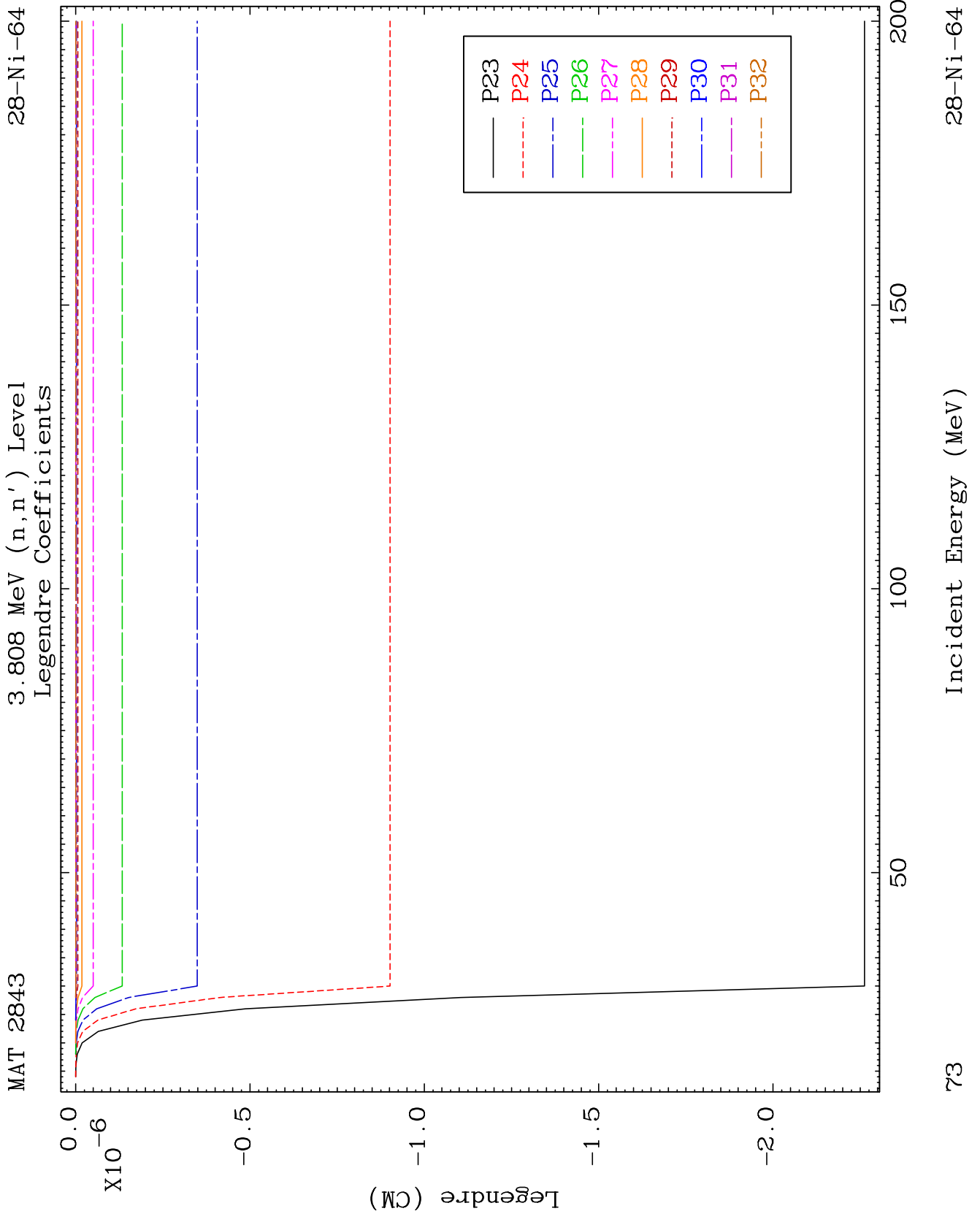
28-Ni-64



72

Incident Energy (MeV)

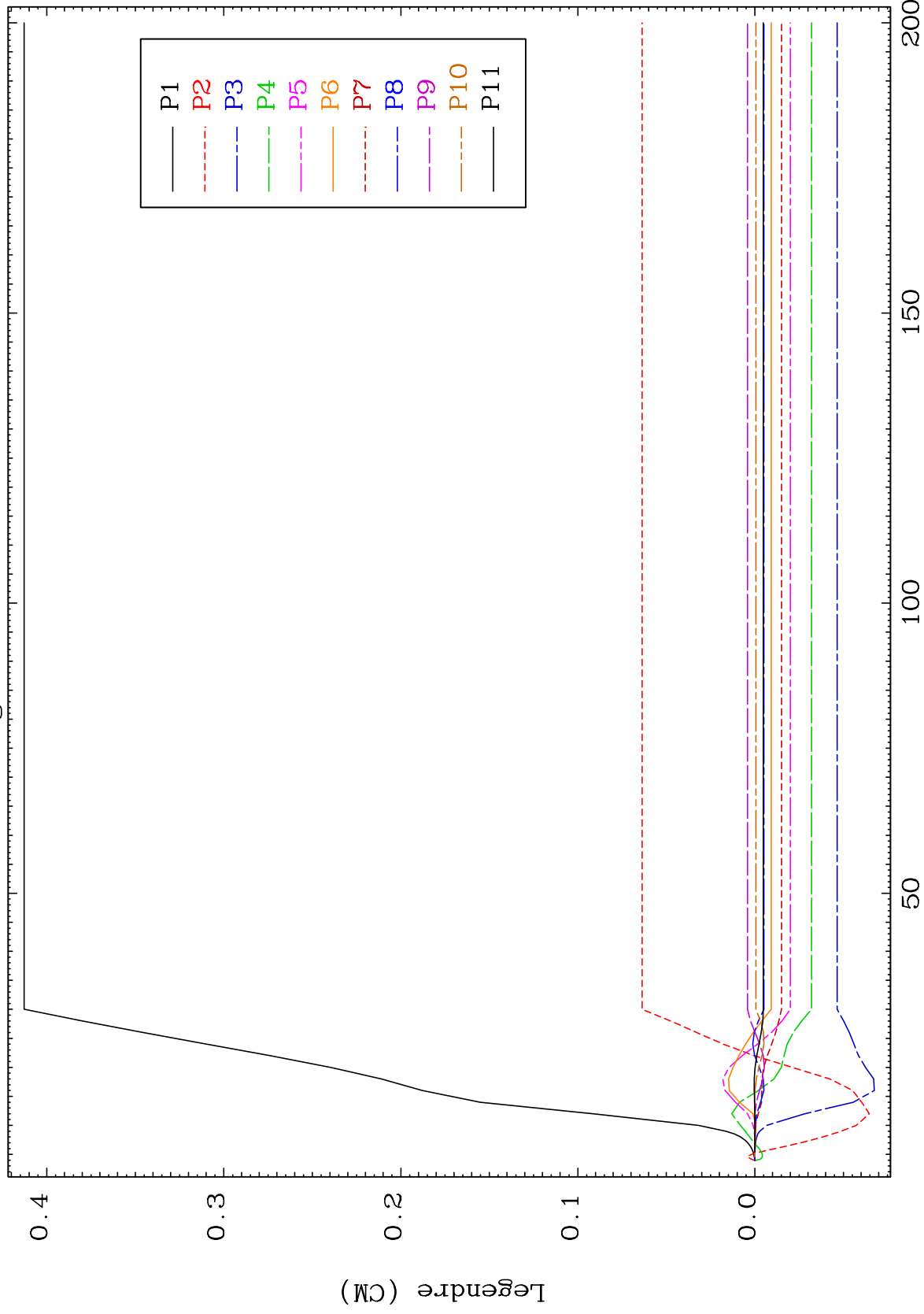
28-Ni-64



MAT 2843

3.849 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



74

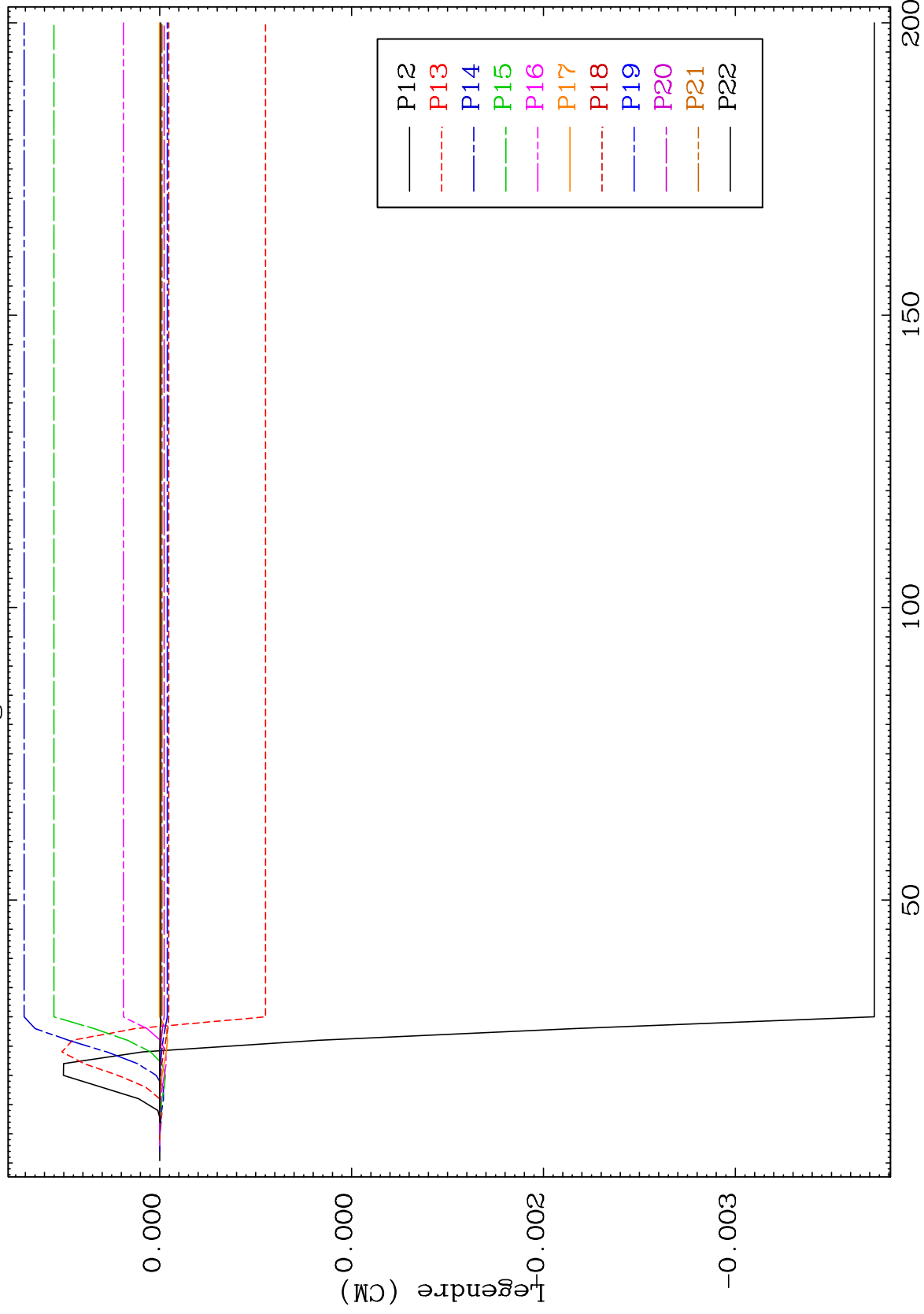
Incident Energy (MeV)

28-Ni-64

MAT 2843

3.849 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



75

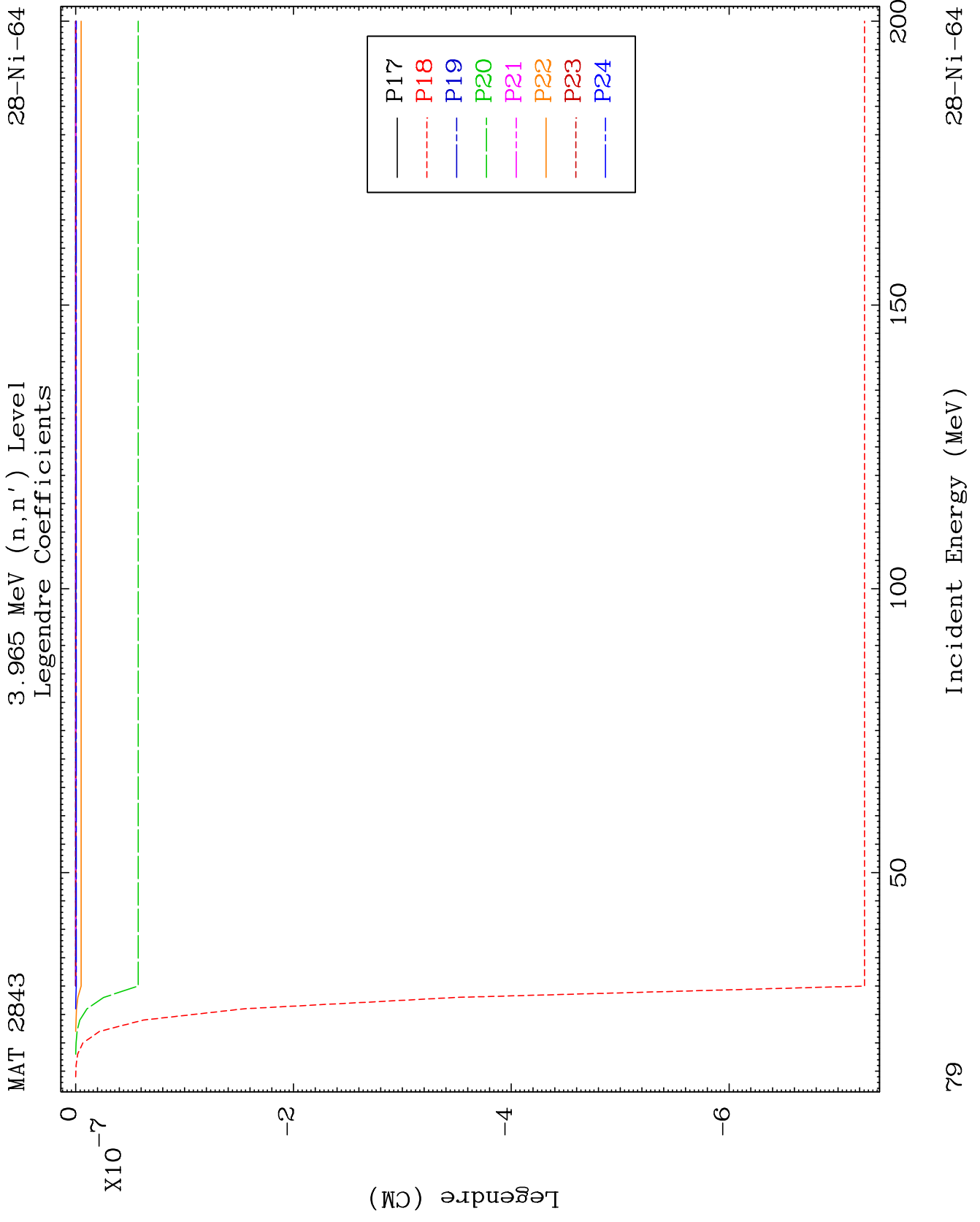
Incident Energy (MeV)

28-Ni-64







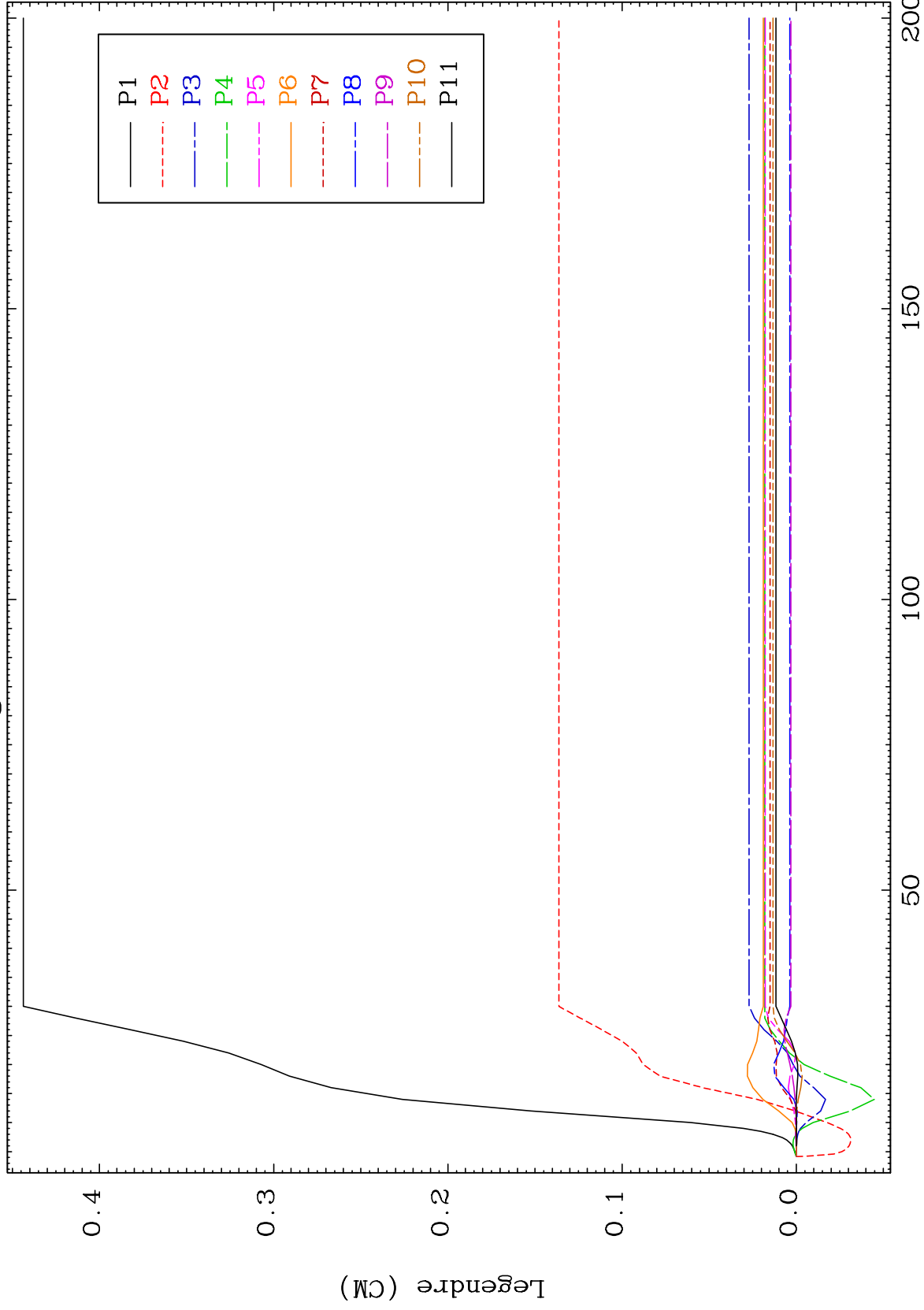




MAT 2843

4.085 MeV (n,n') Level  
Legendre Coefficients

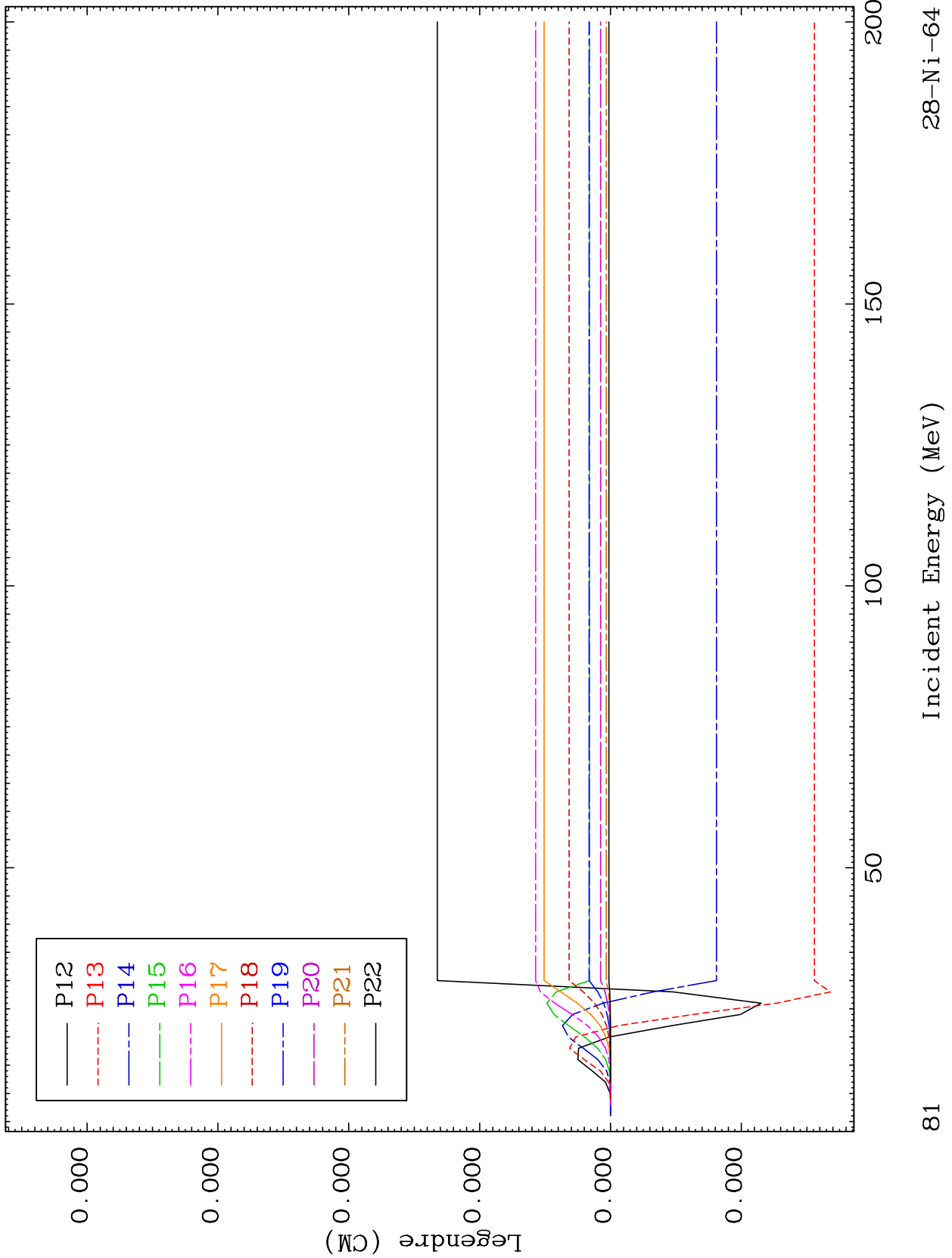
28-Ni-64

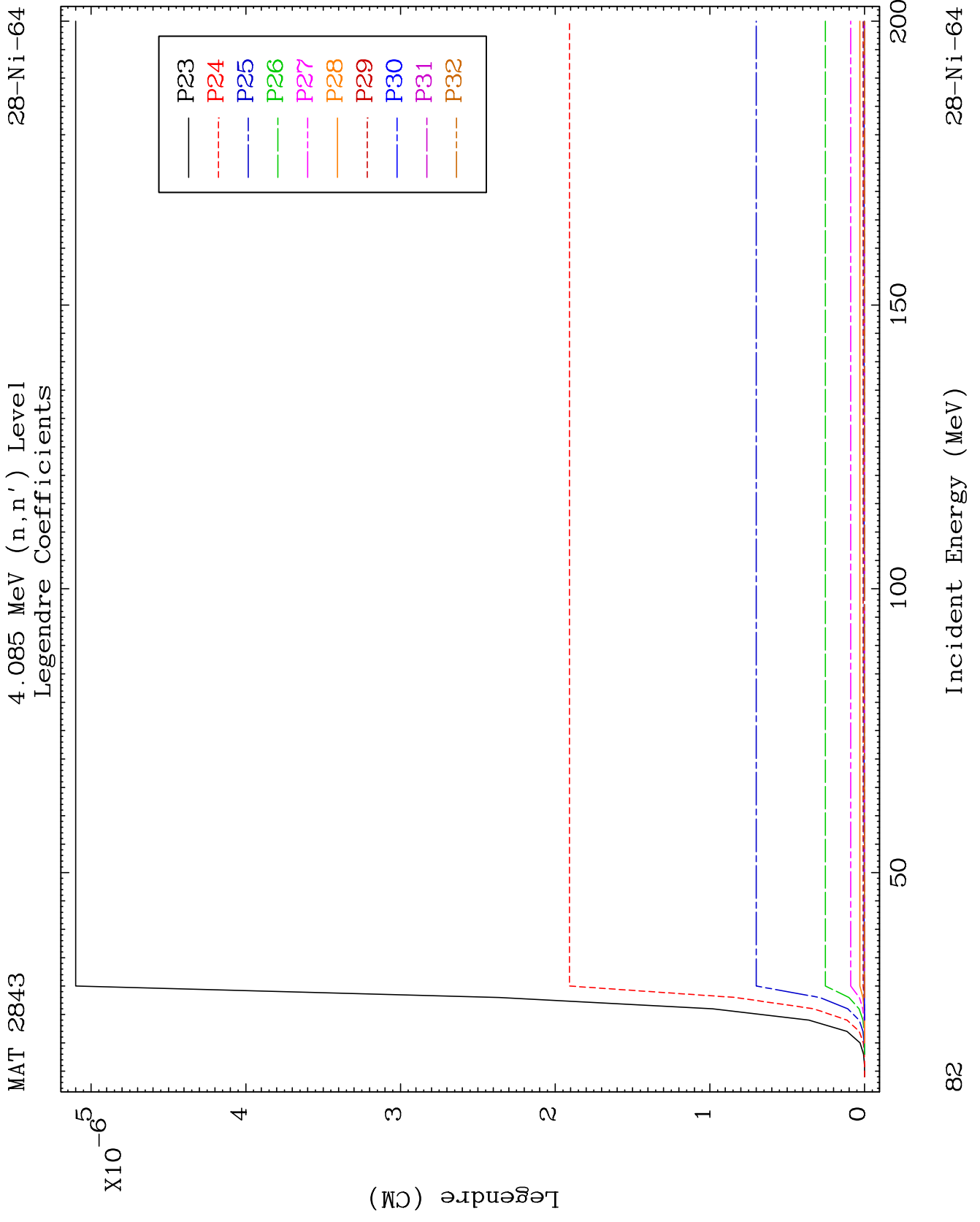


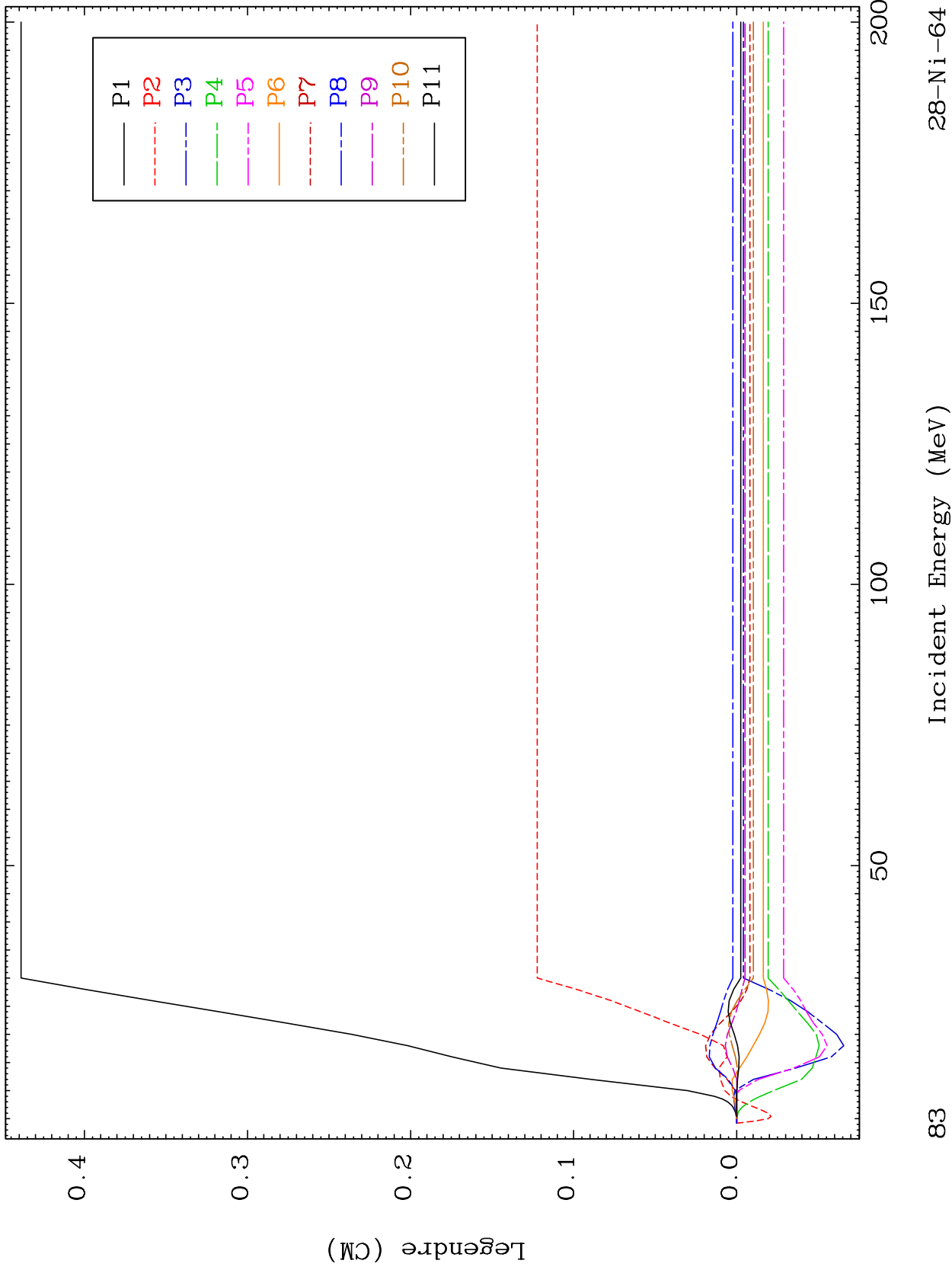
80

Incident Energy (MeV)

28-Ni-64



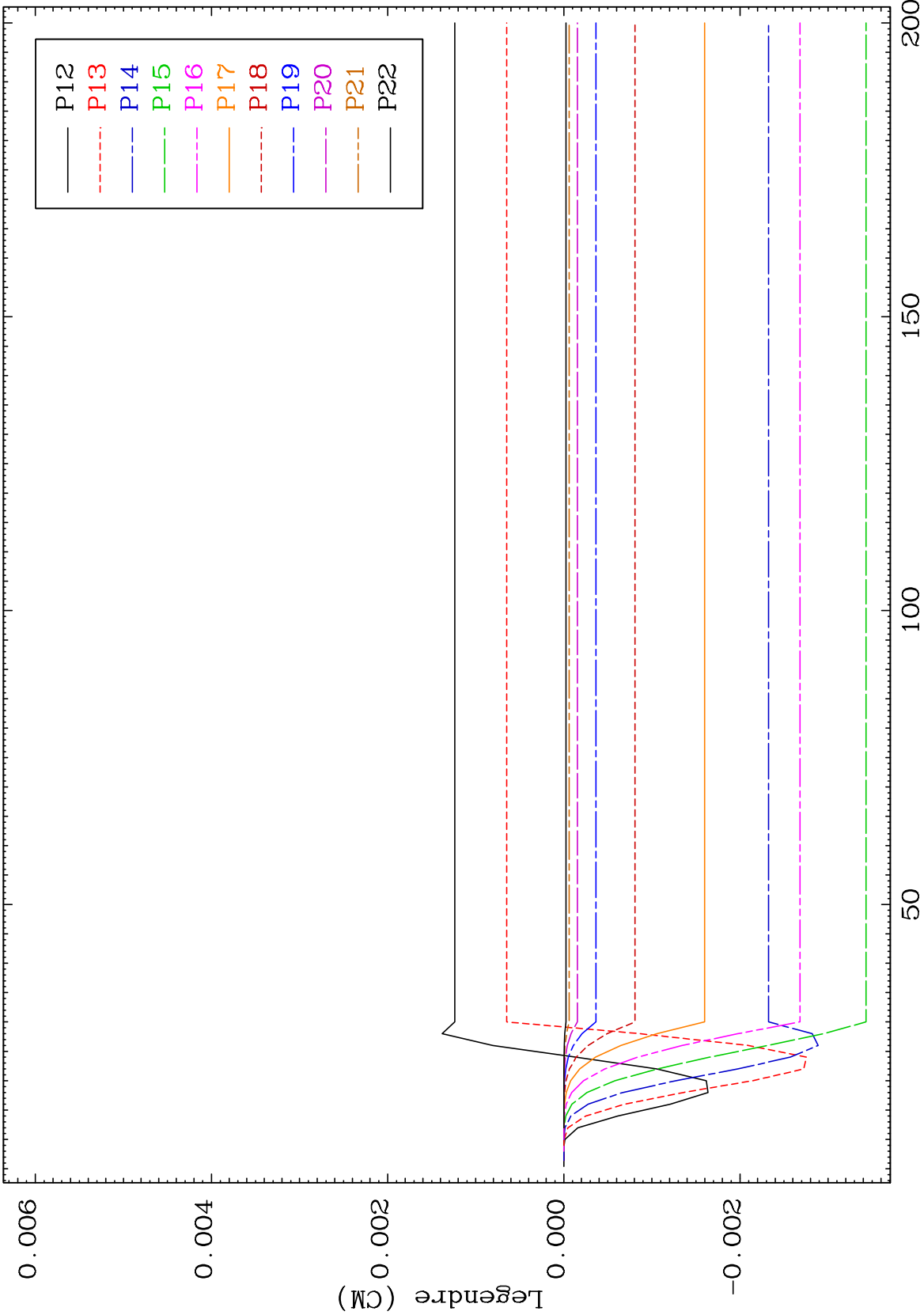




MAT 2843

4.137 MeV (n,n') Level  
Legendre Coefficients

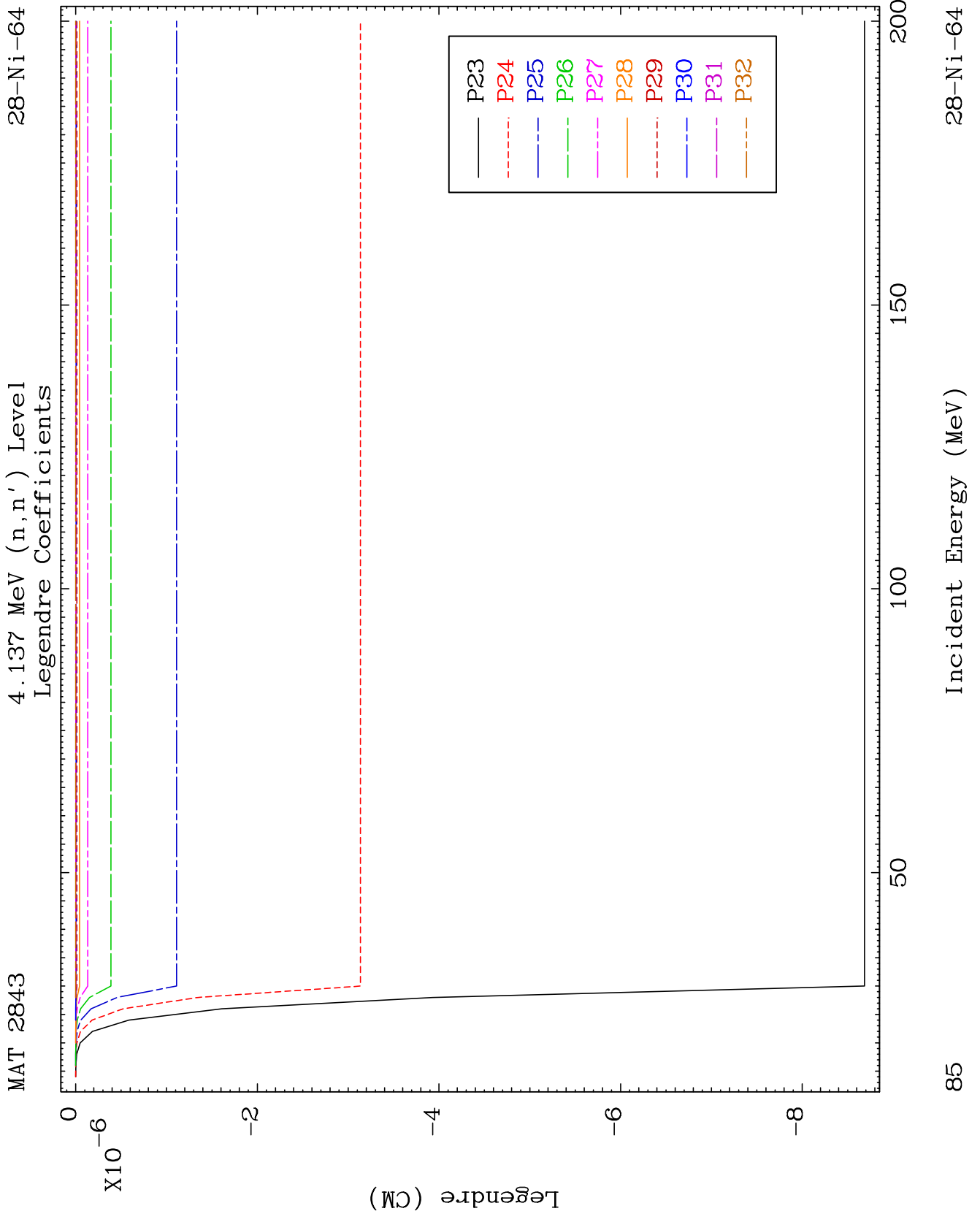
28-Ni-64

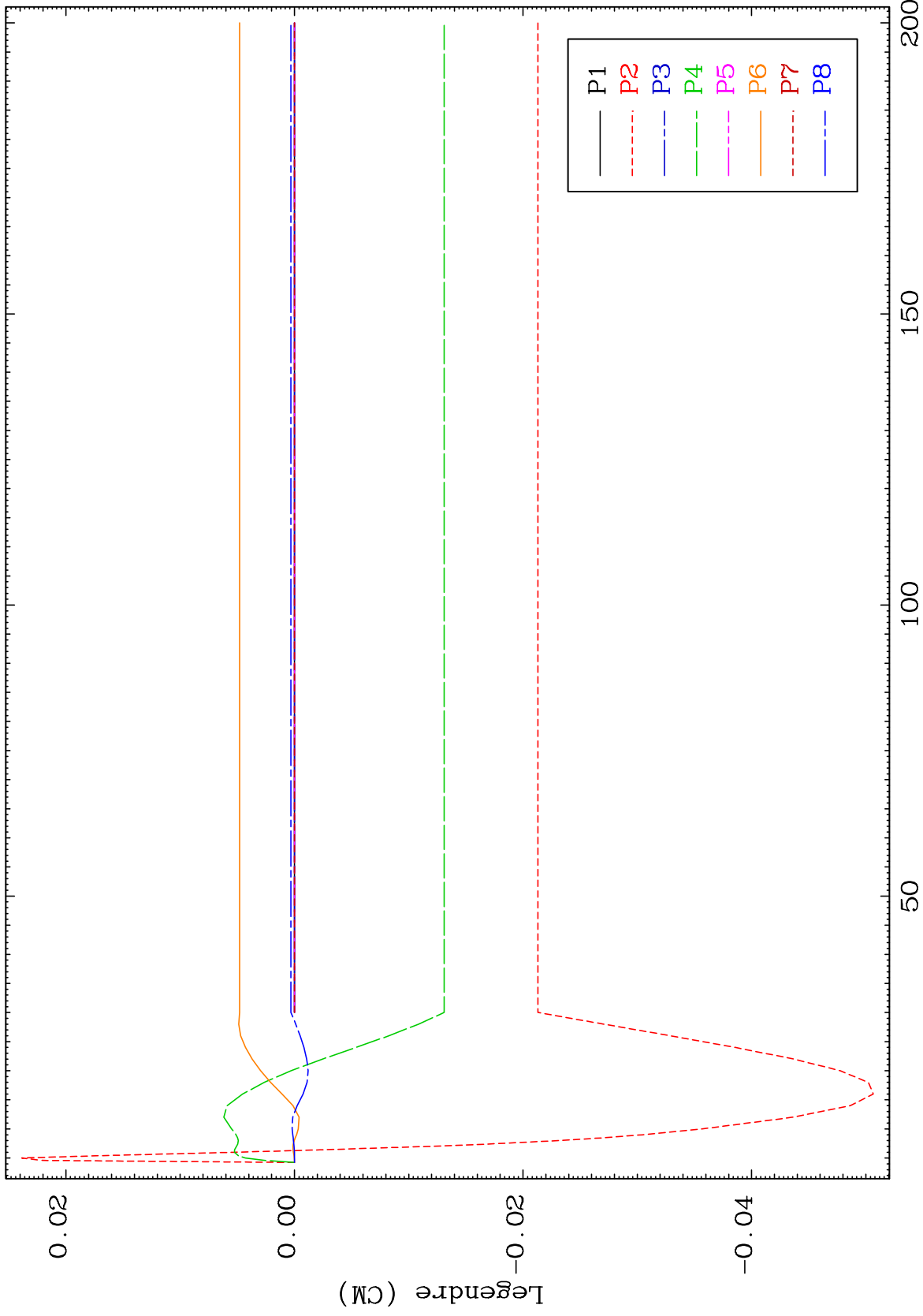


84

Incident Energy (MeV)

28-Ni-64

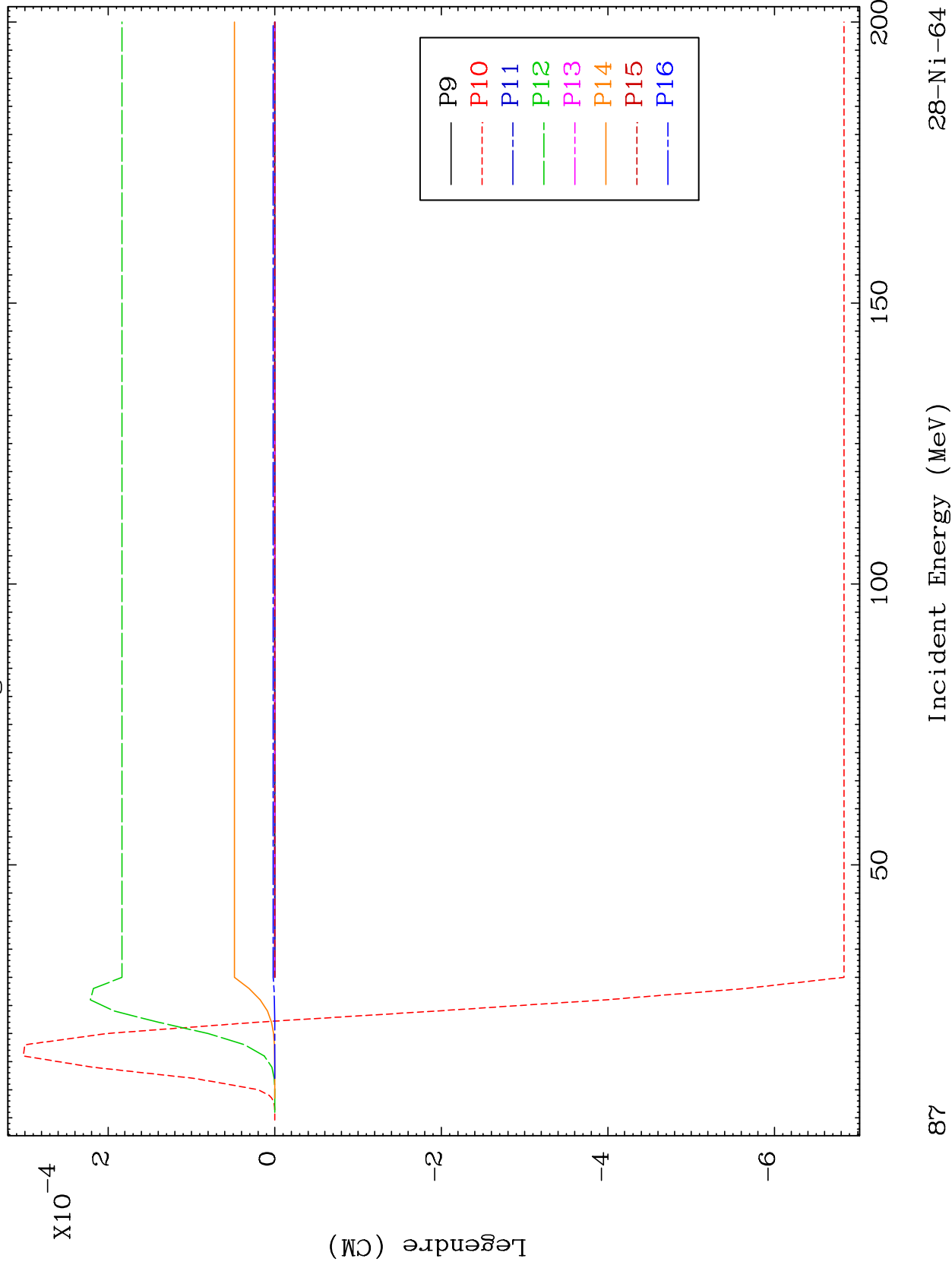




MAT 2843

4.172 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



87

Incident Energy (MeV)

28-Ni-64



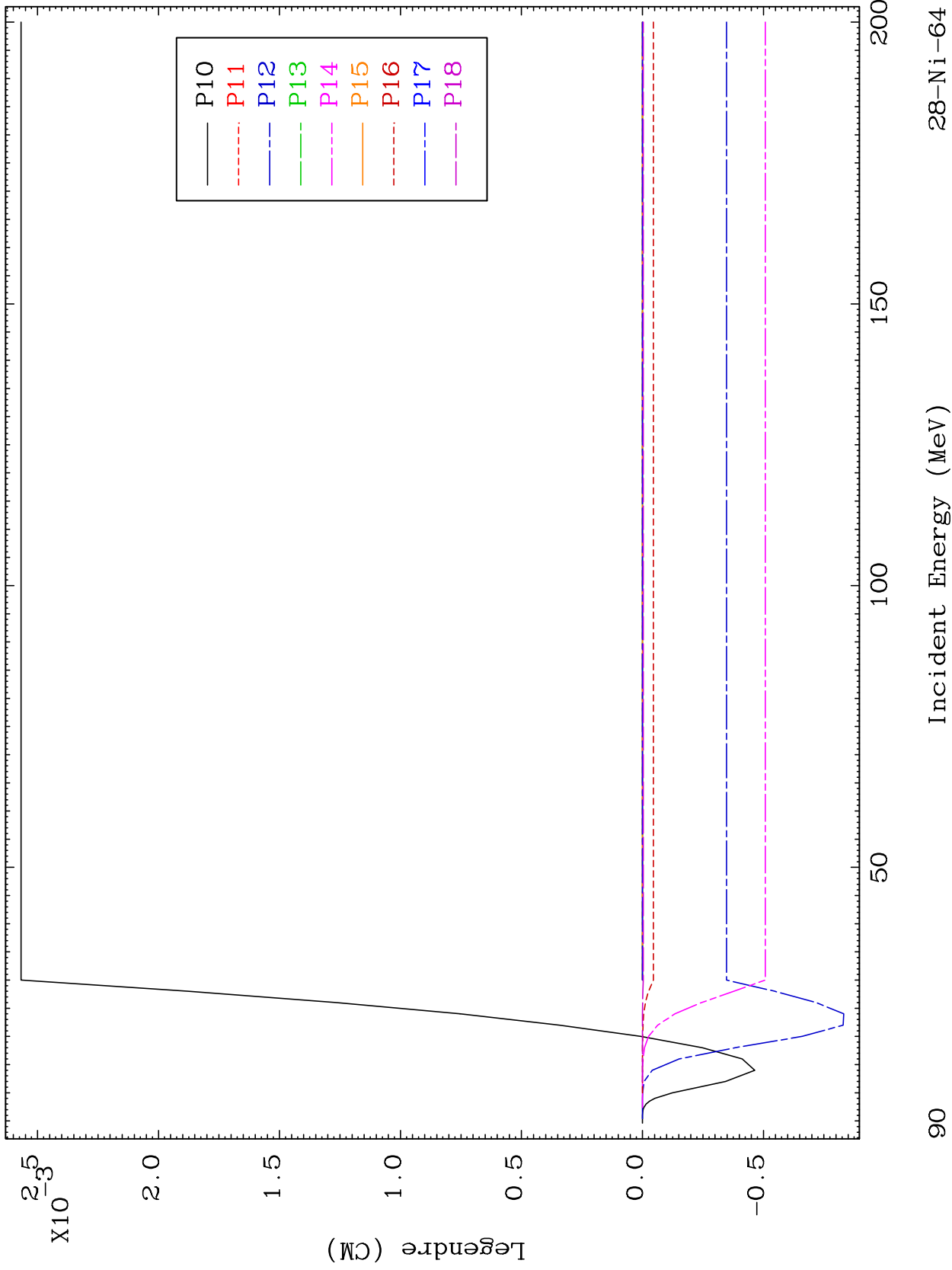




MAT 2843

4.174 MeV (n,n') Level  
Legendre Coefficients

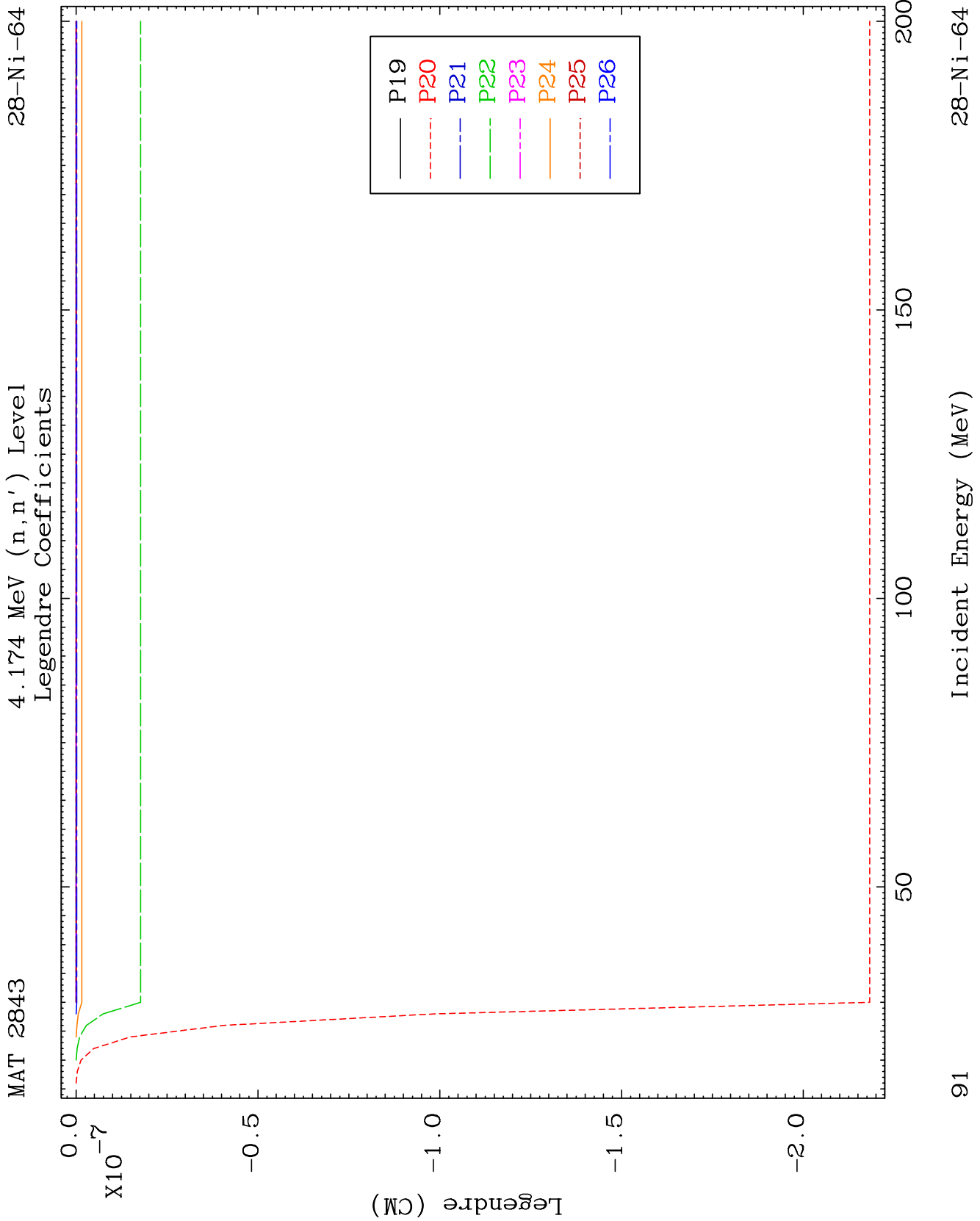
28-Ni-64



28-Ni-64

Incident Energy (MeV)

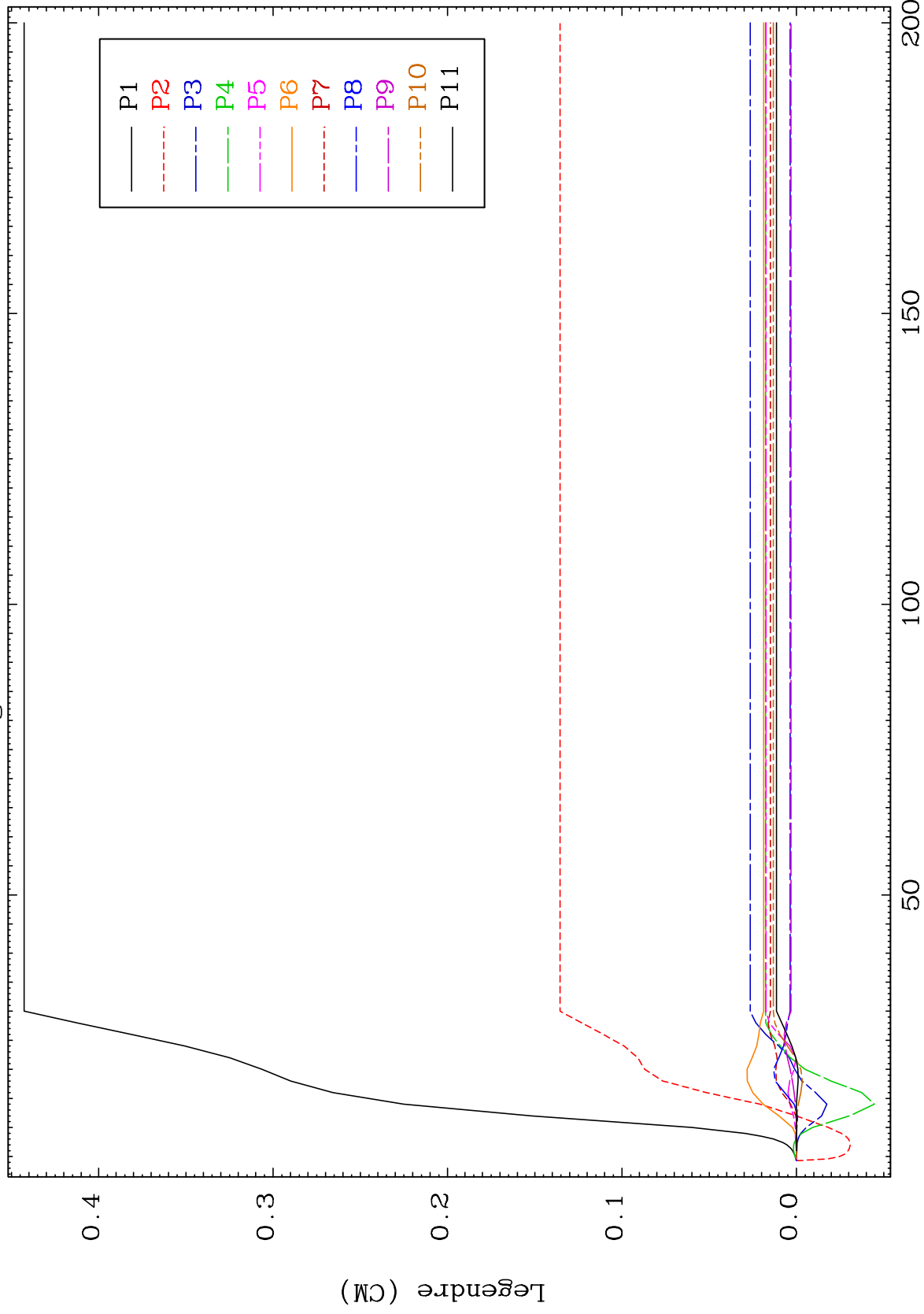
90



MAT 2843

4.216 MeV (n,n') Level  
Legendre Coefficients

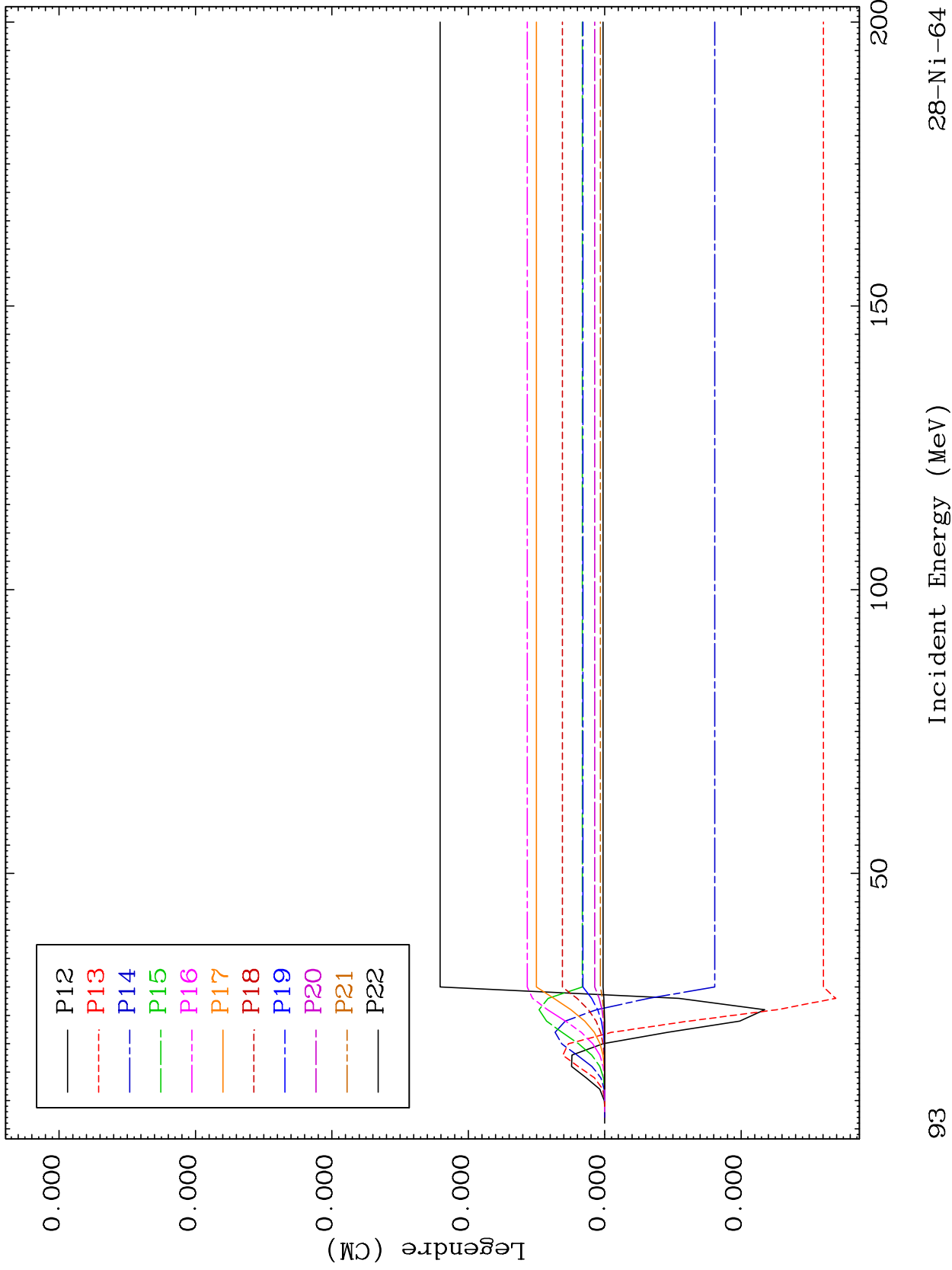
28-Ni-64

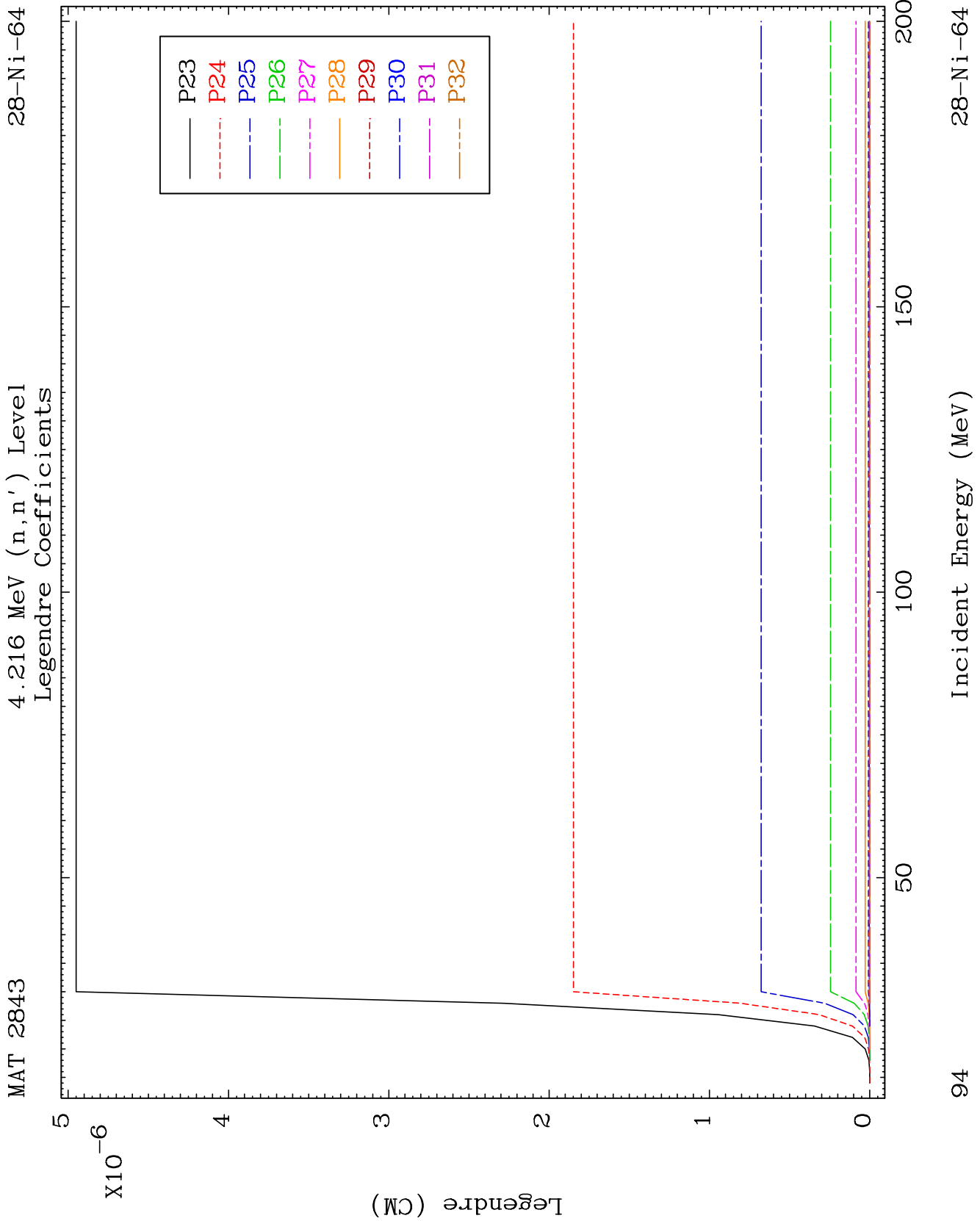


92

Incident Energy (MeV)

28-Ni-64

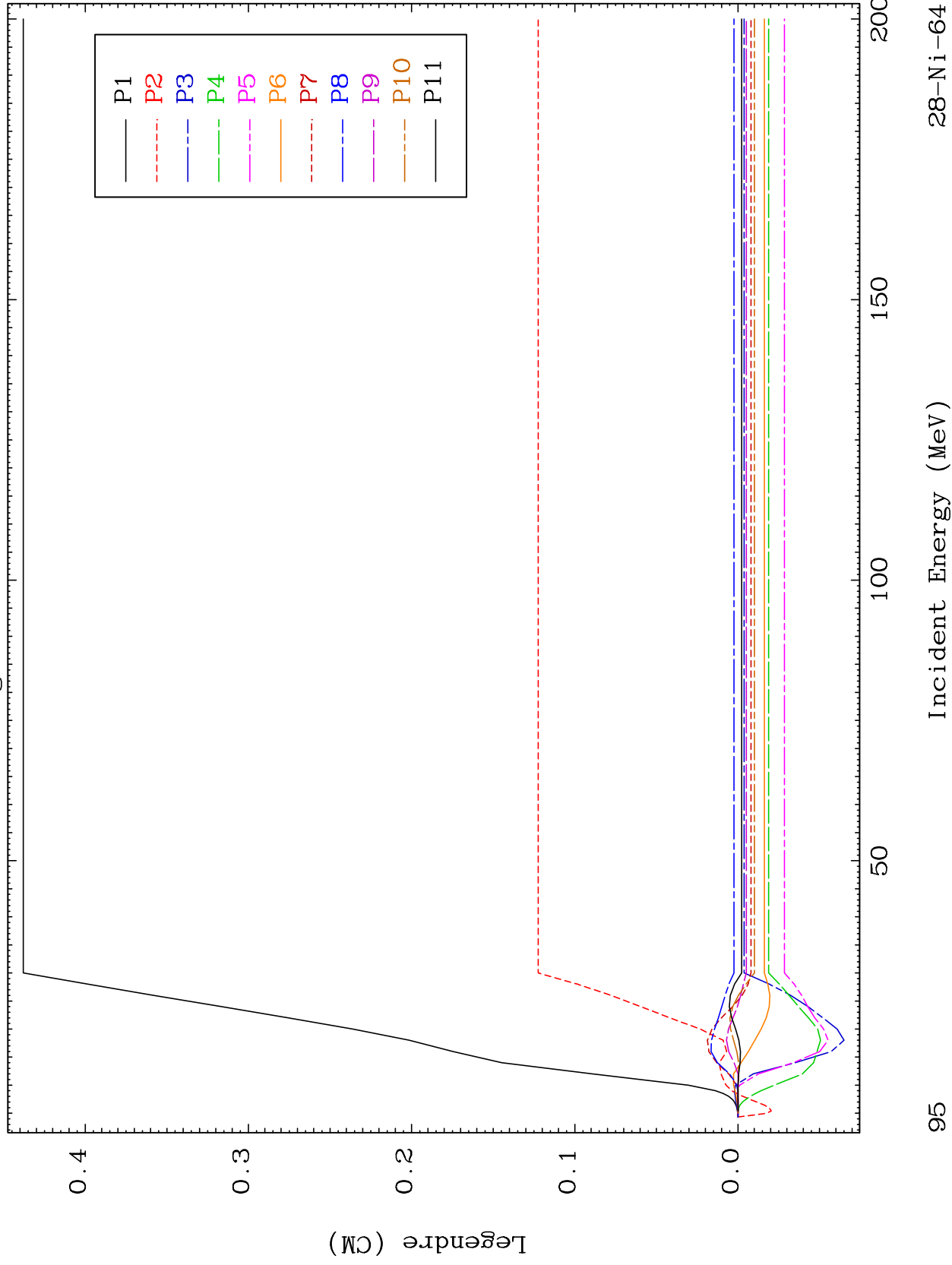




MAT 2843

4.244 MeV (n,n') Level  
Legendre Coefficients

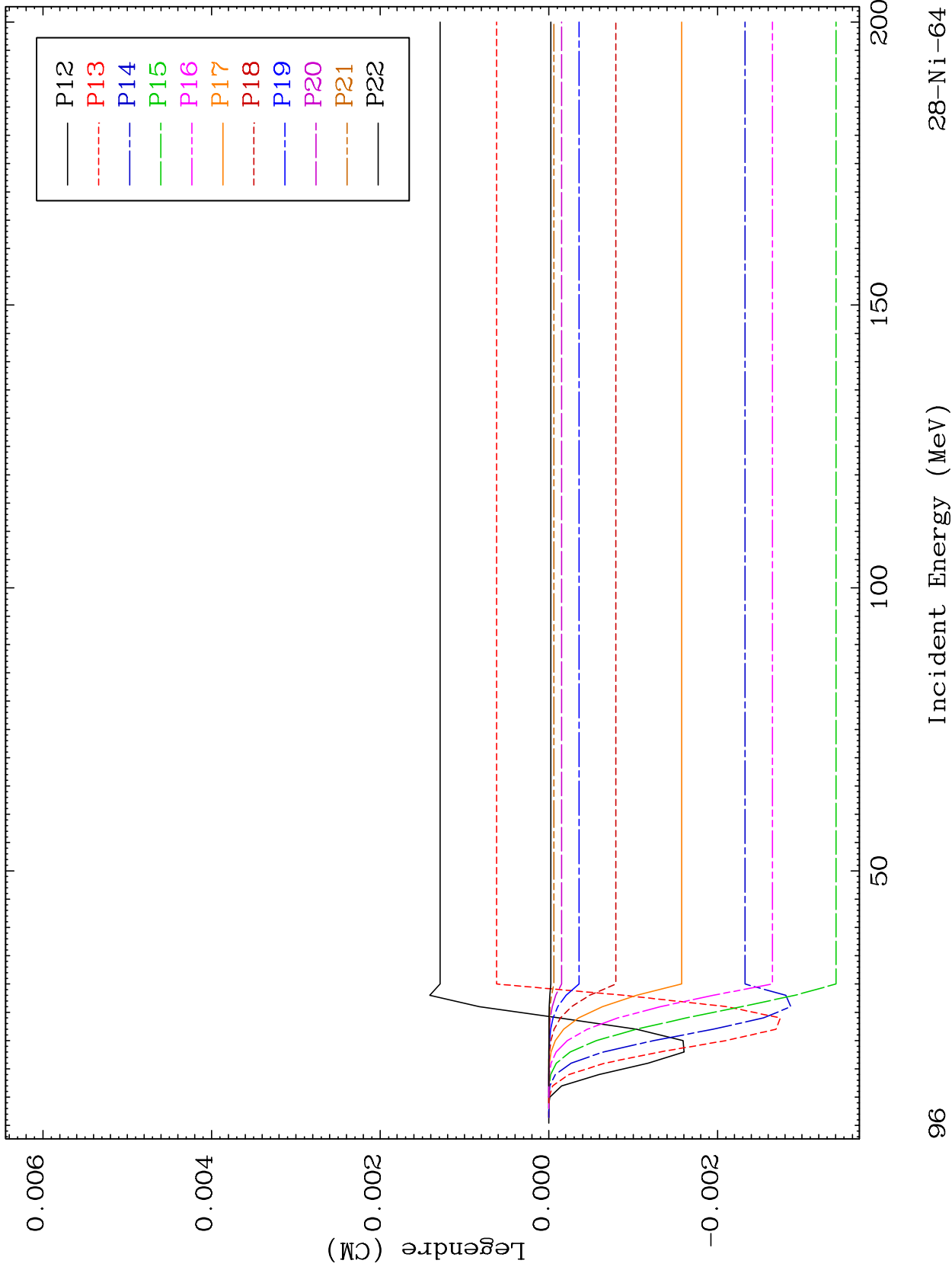
28-Ni-64

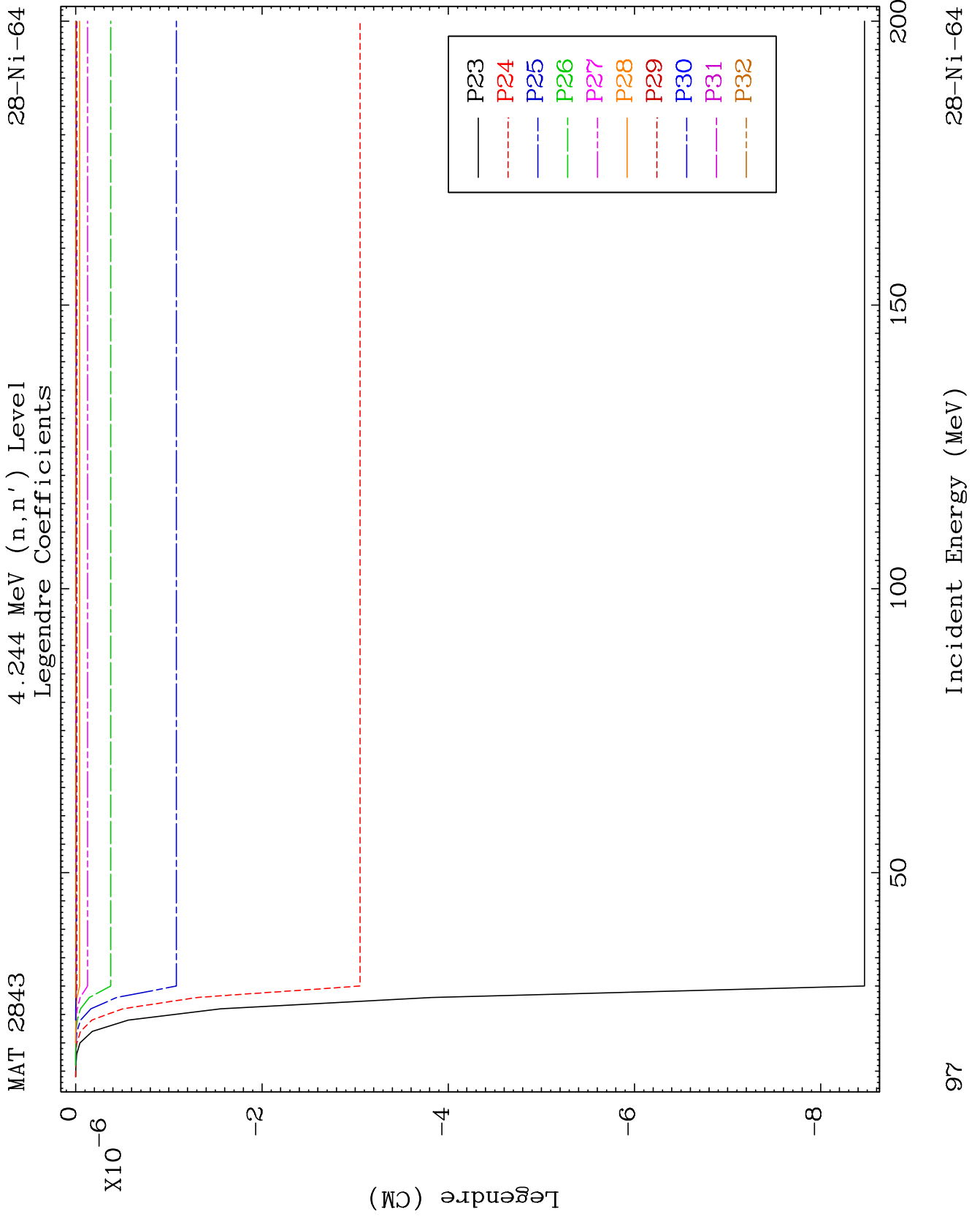


95

28-Ni-64



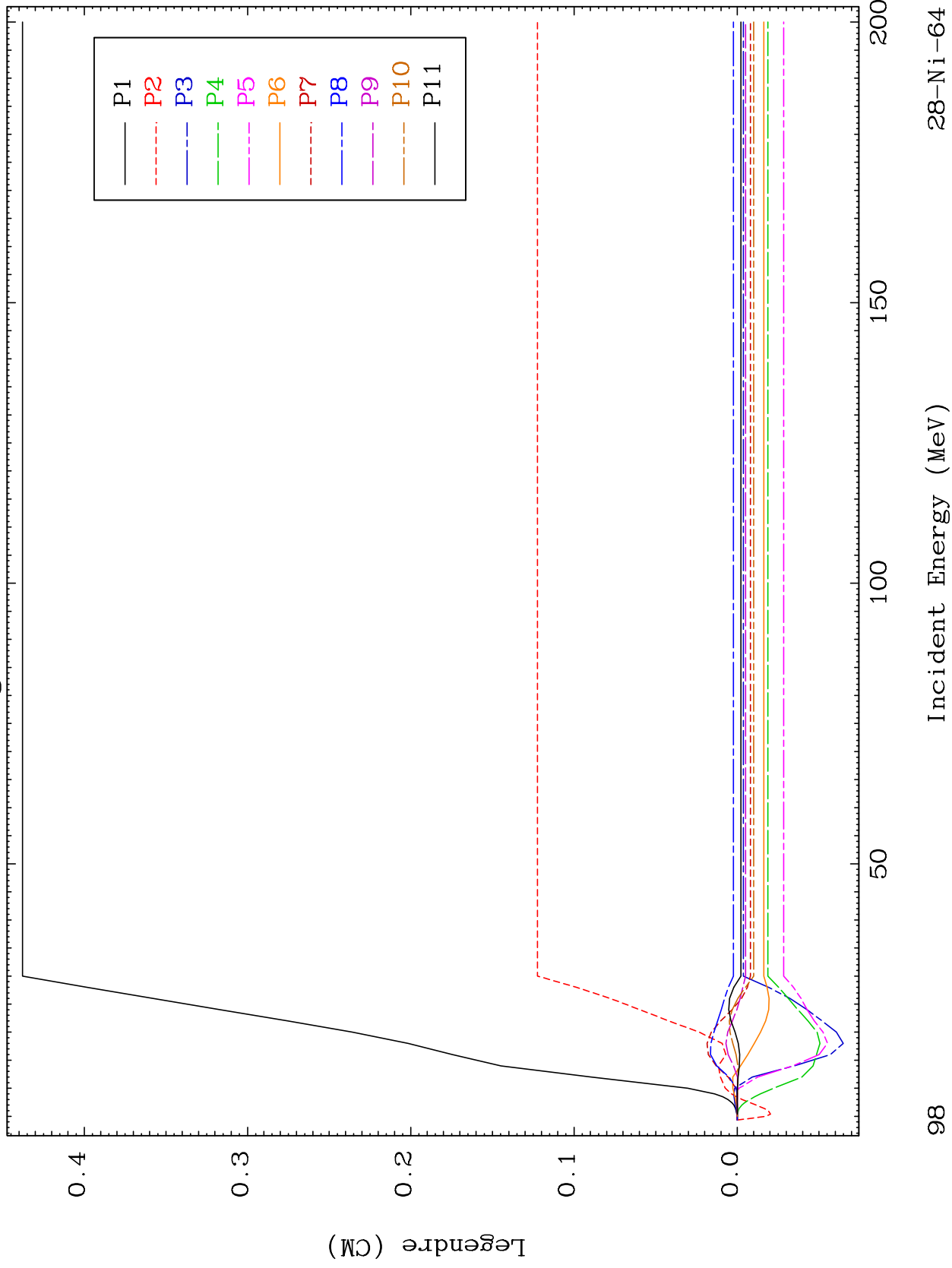




MAT 2843

4.263 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



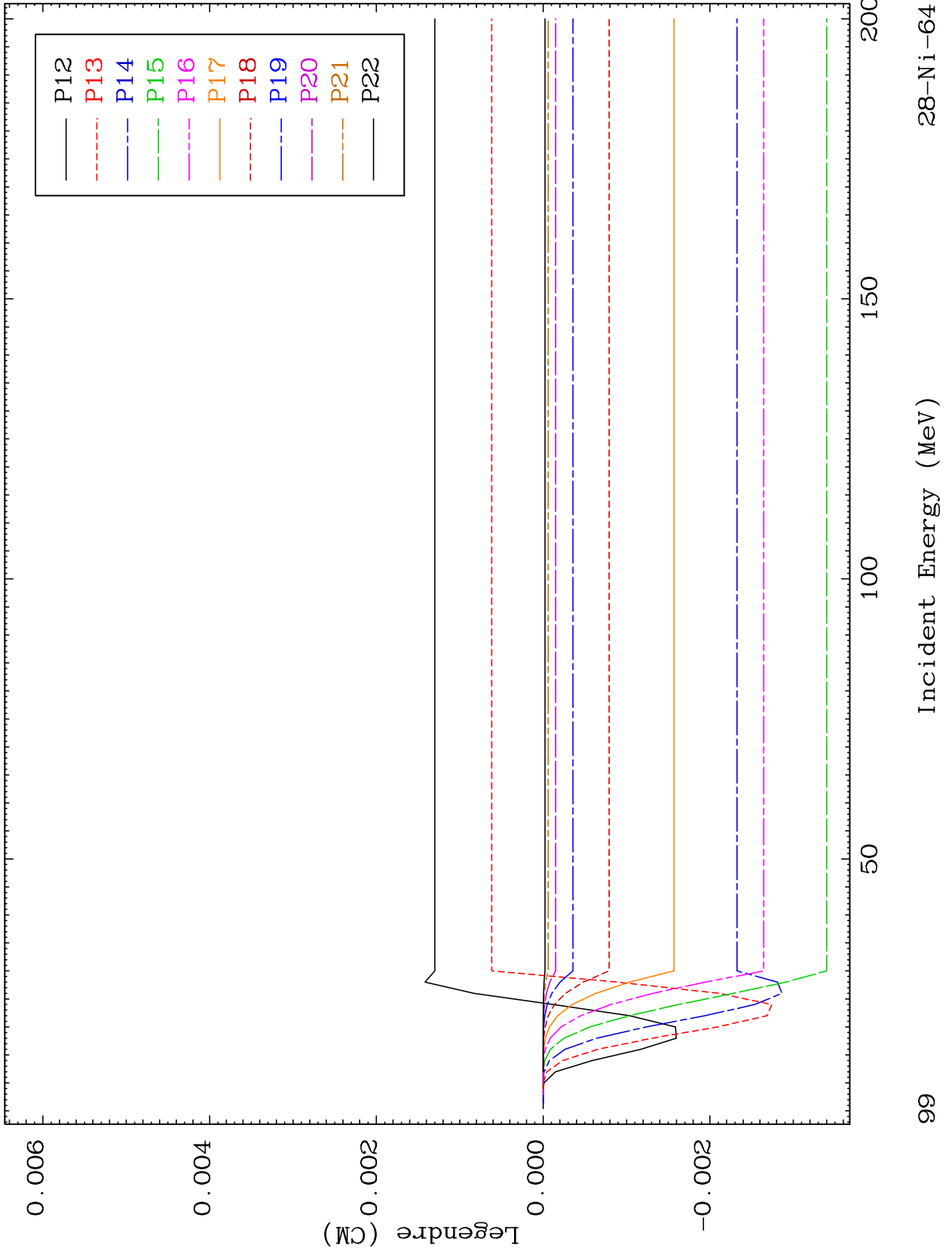
98

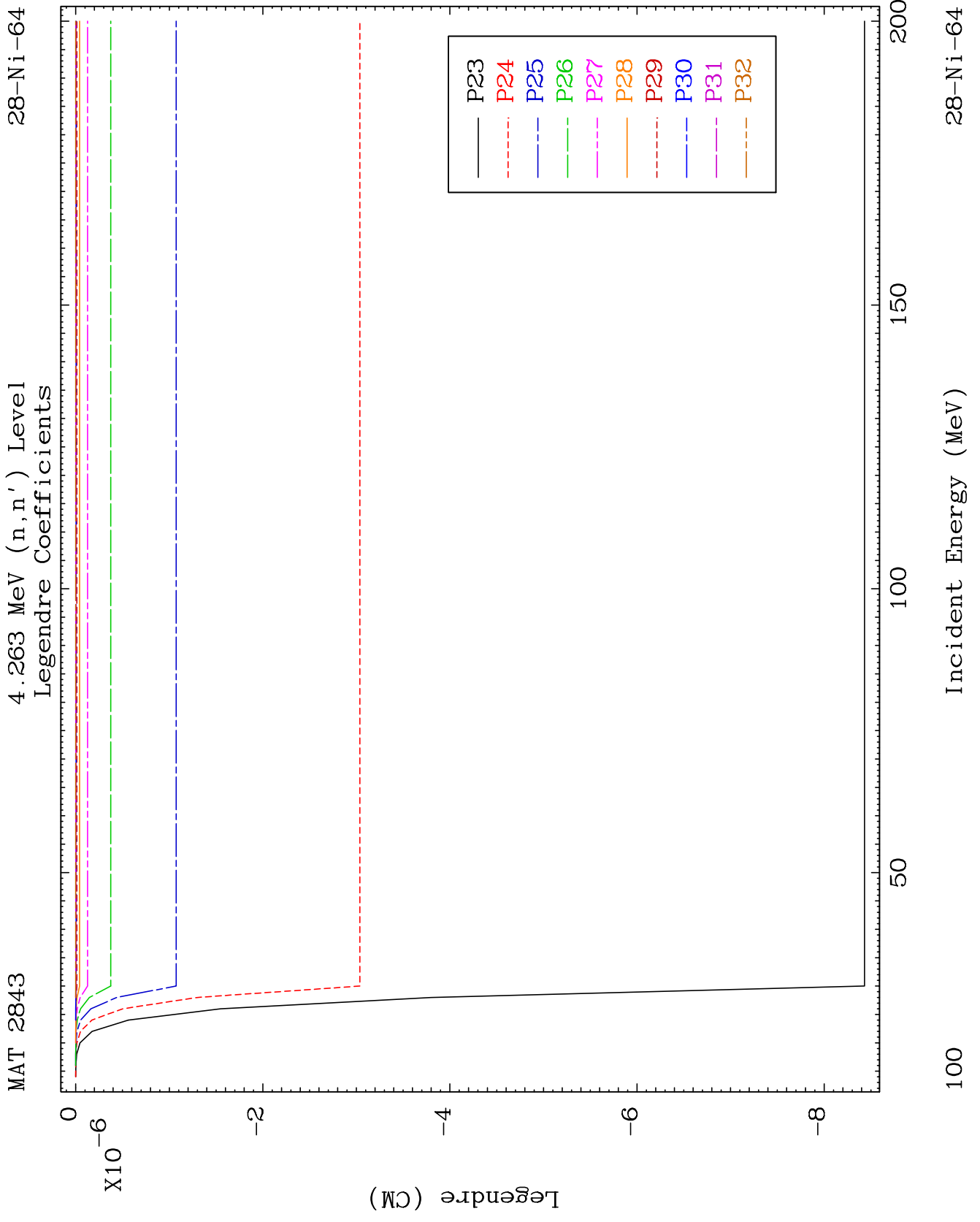
28-Ni-64

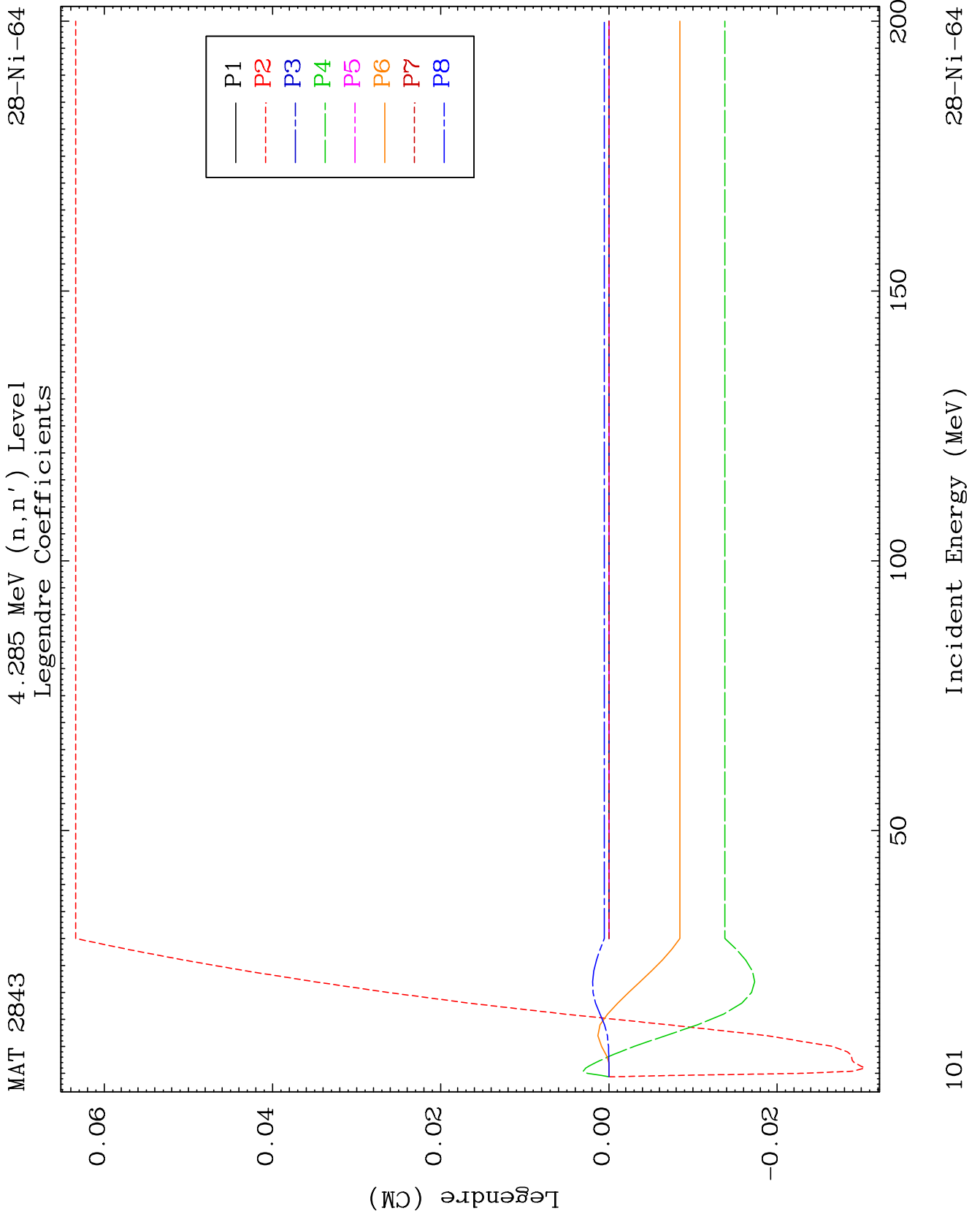
MAT 2843

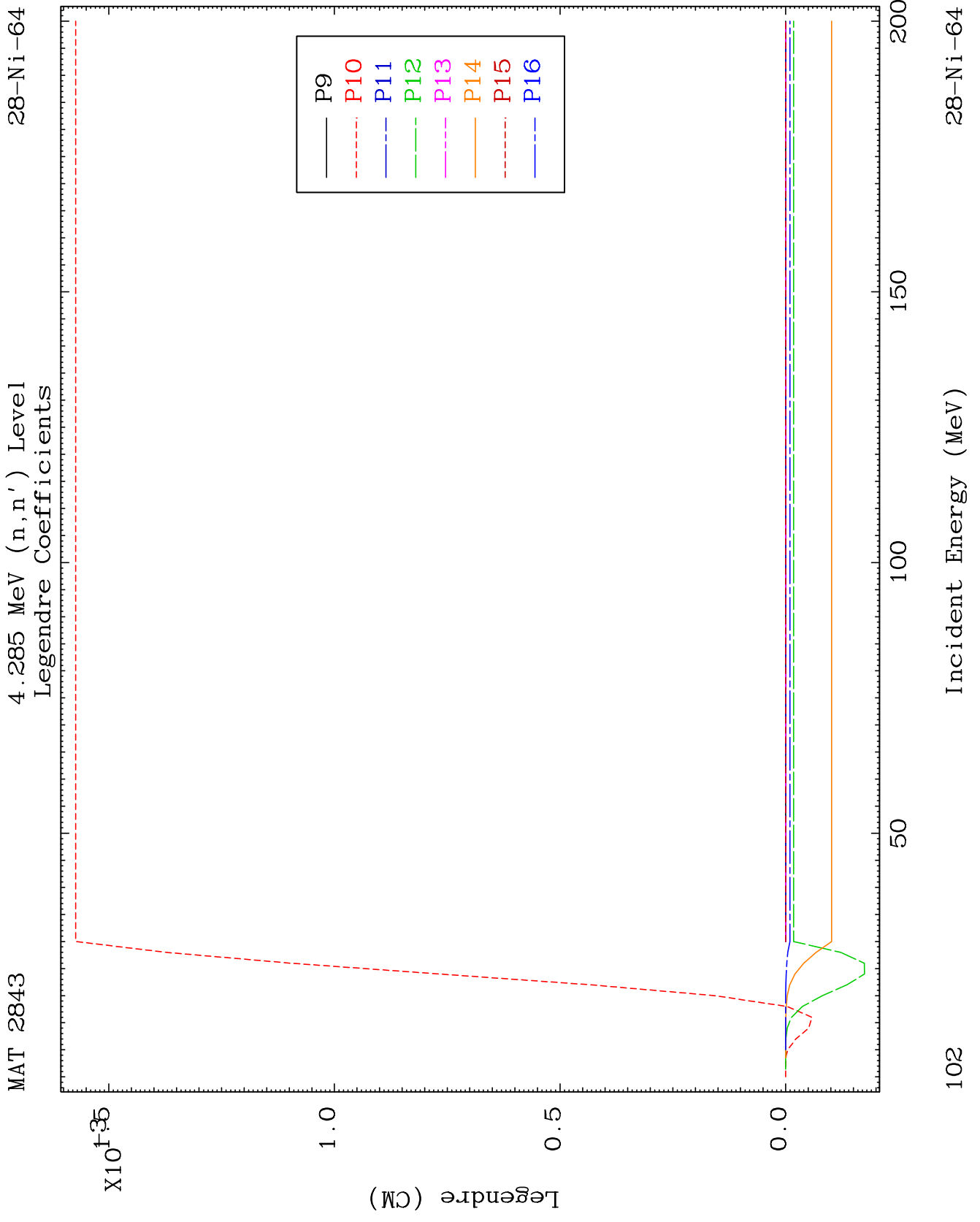
4.263 MeV (n,n') Level  
Legendre Coefficients

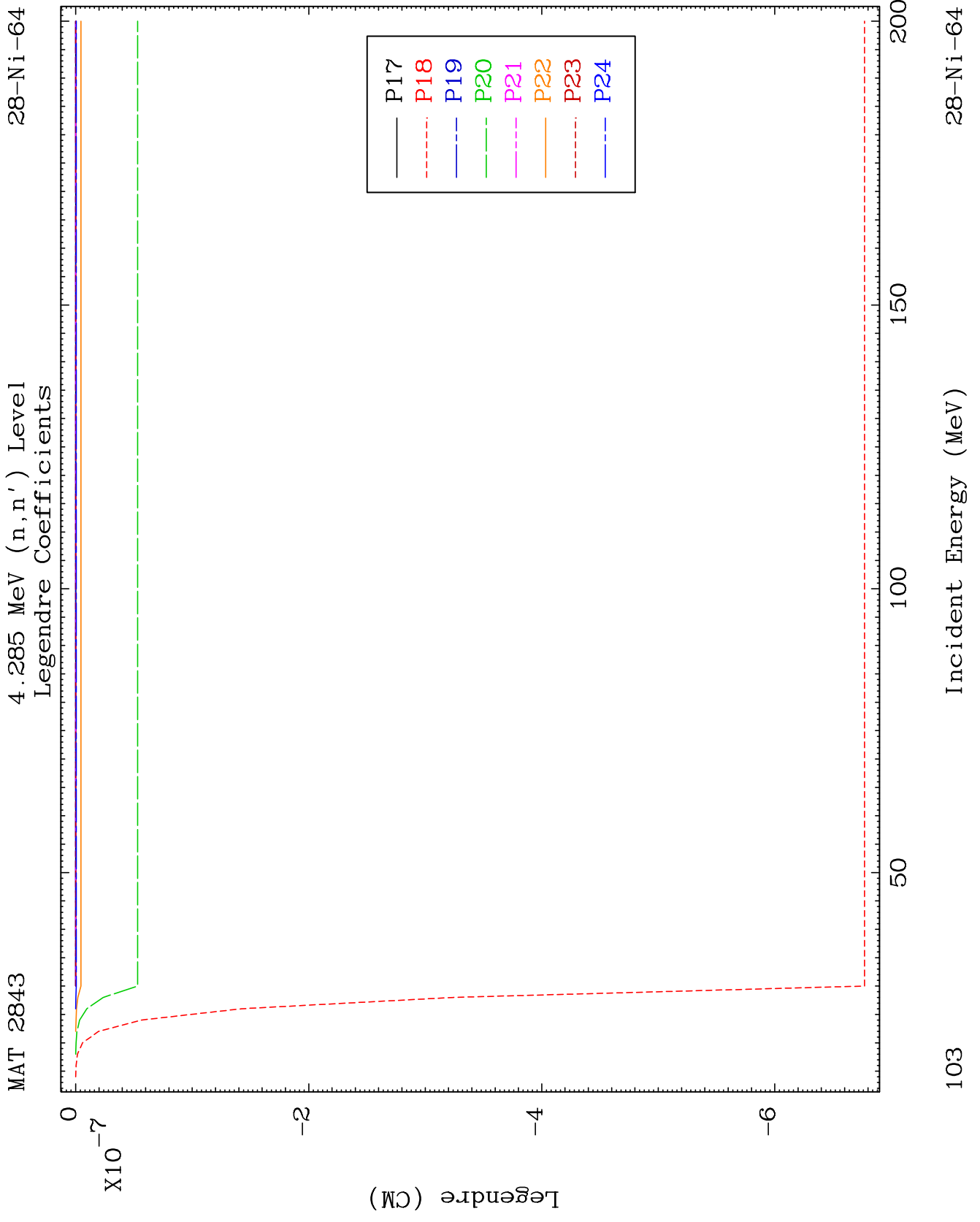
28-Ni-64



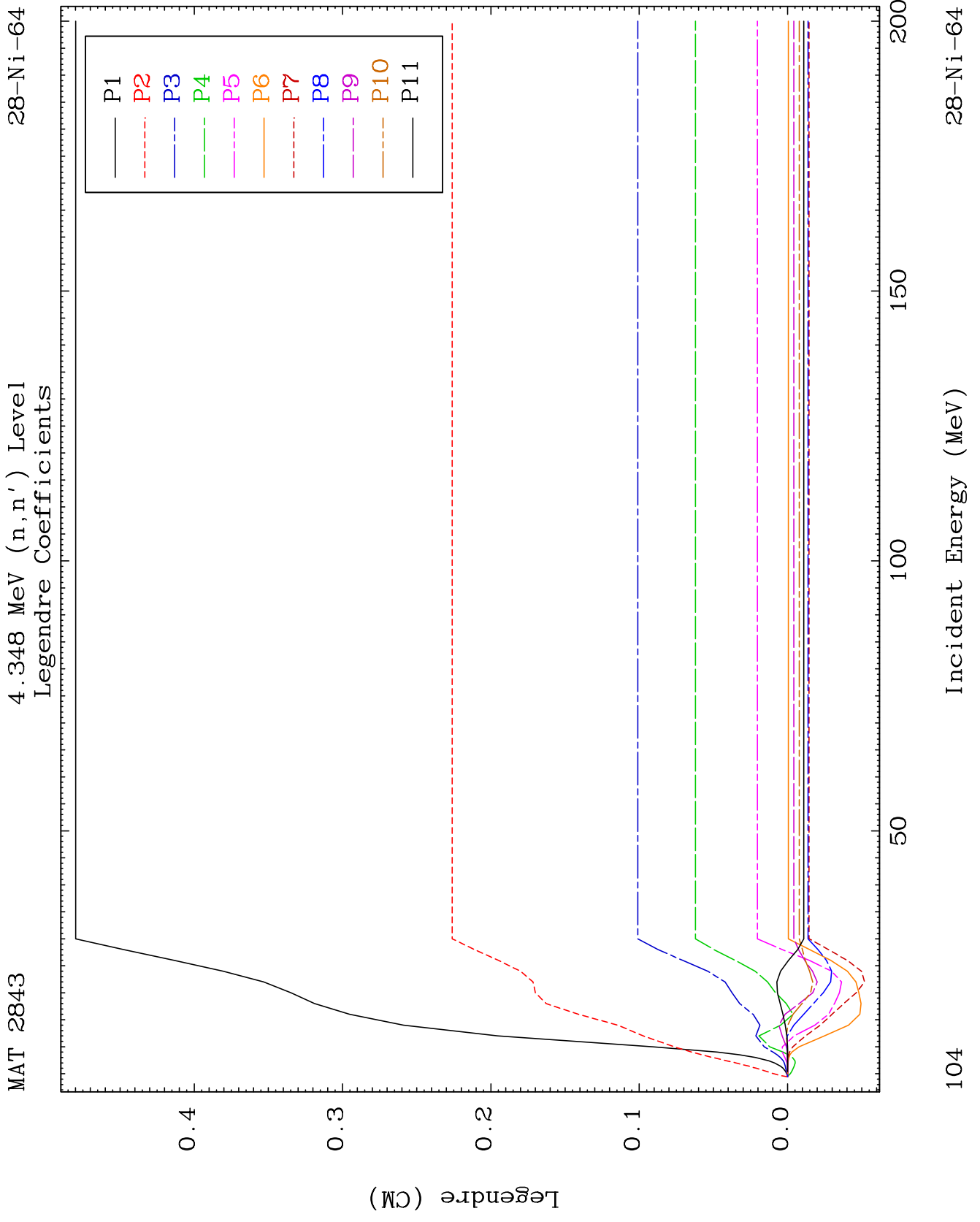








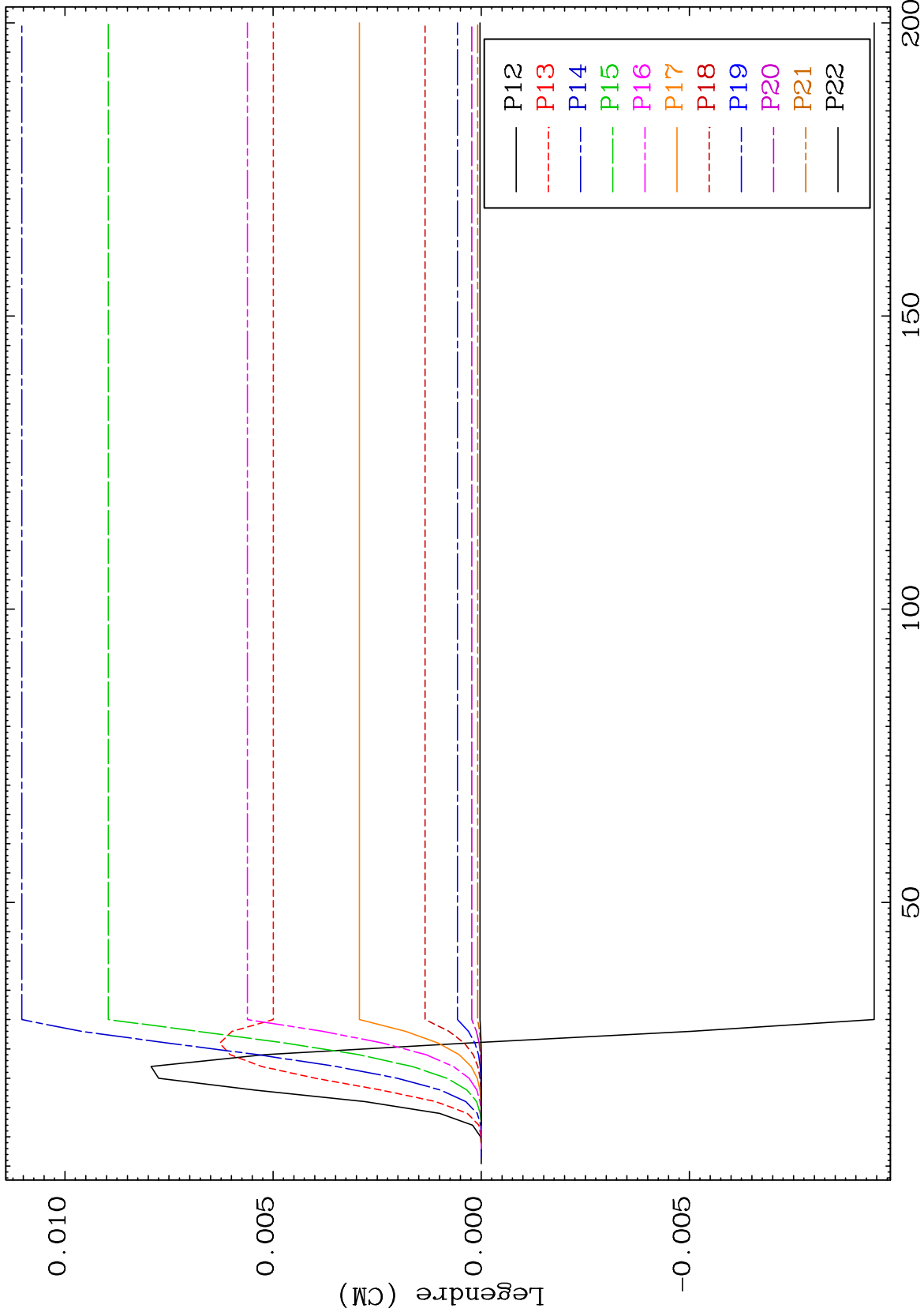




MAT 2843

4.348 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



105

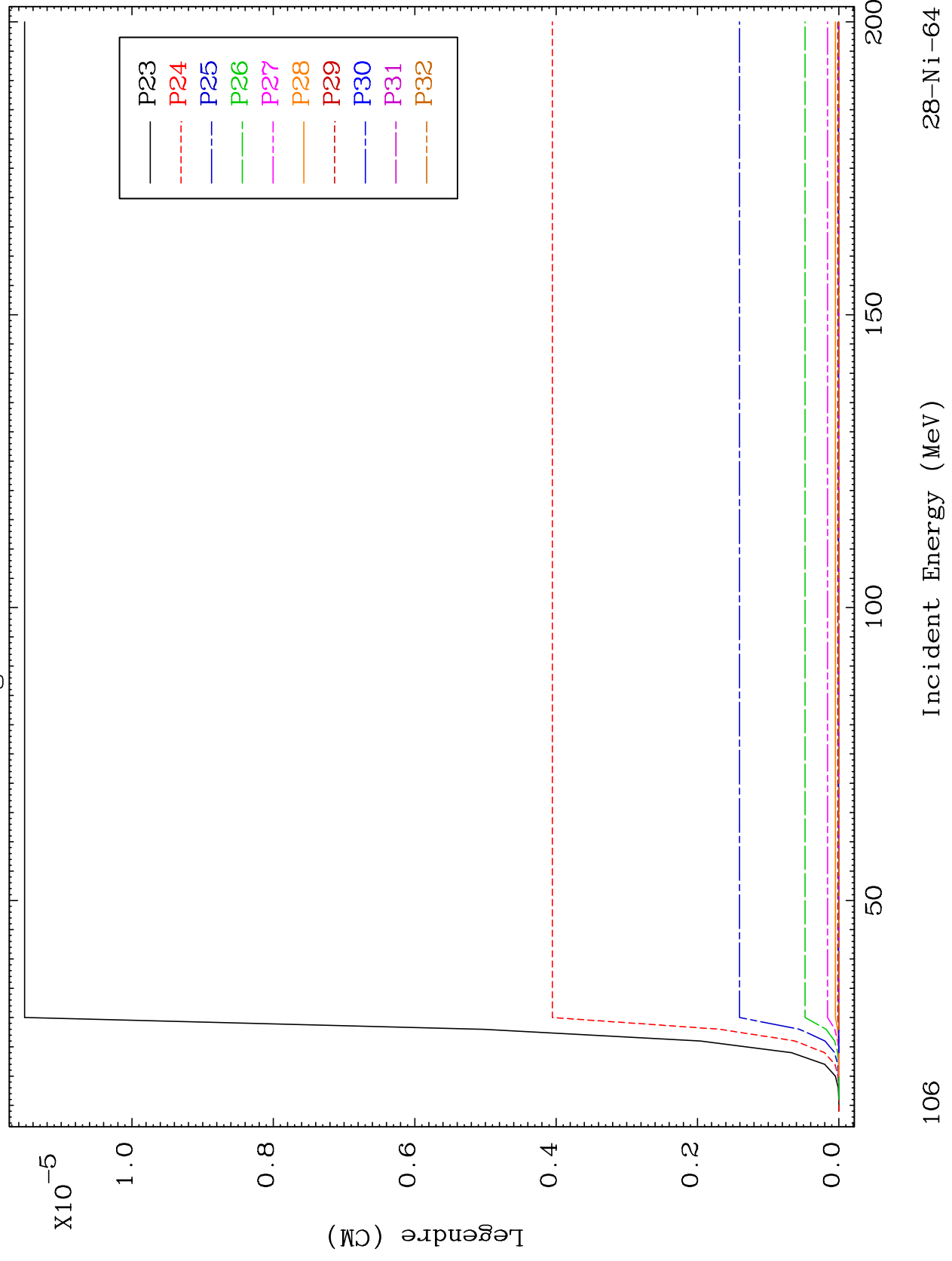
Incident Energy (MeV)

28-Ni-64

MAT 2843

4.348 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64

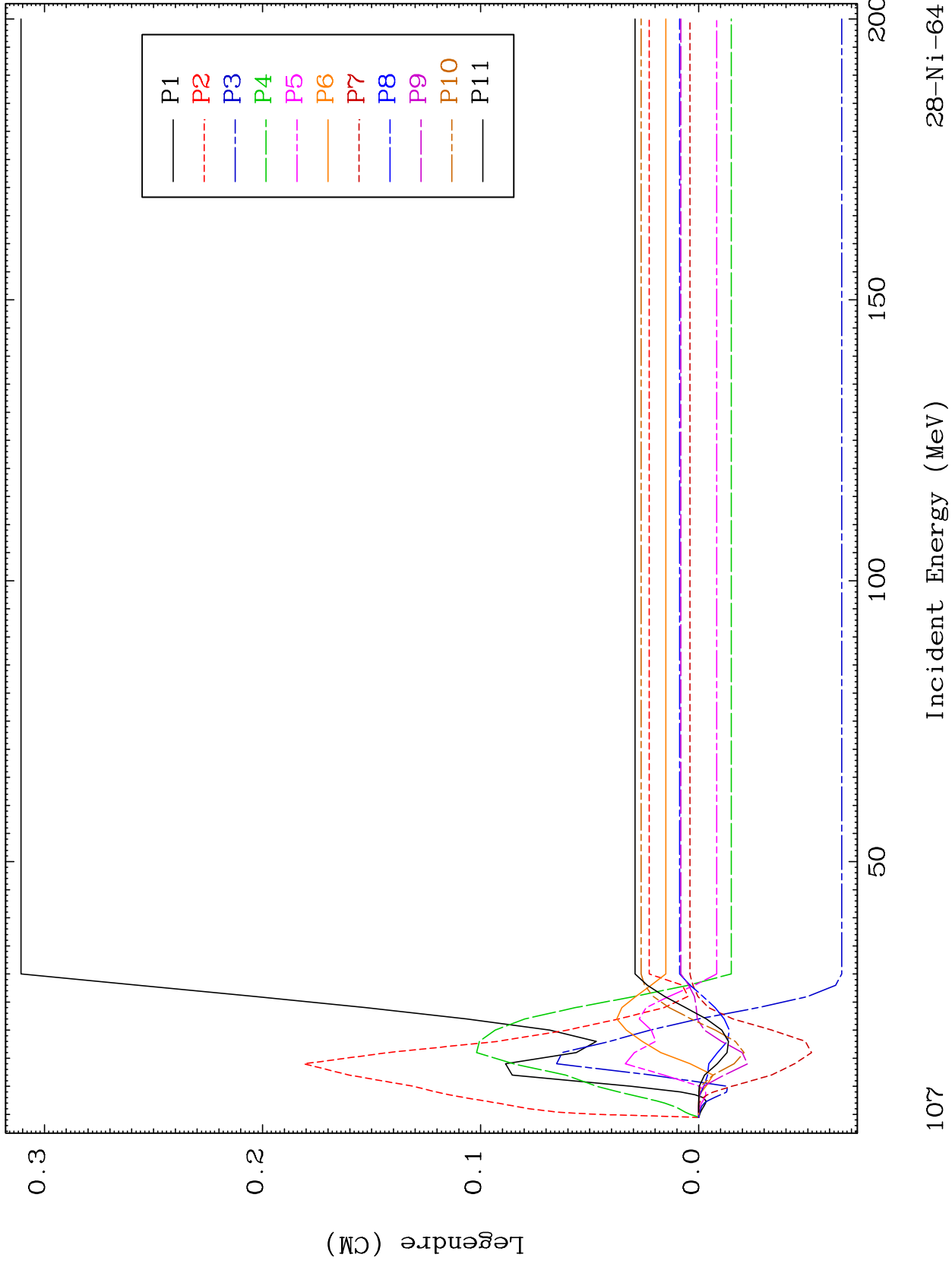


106

MAT 2843

4.369 MeV (n,n') Level  
Legendre Coefficients

28-Ni-64



107

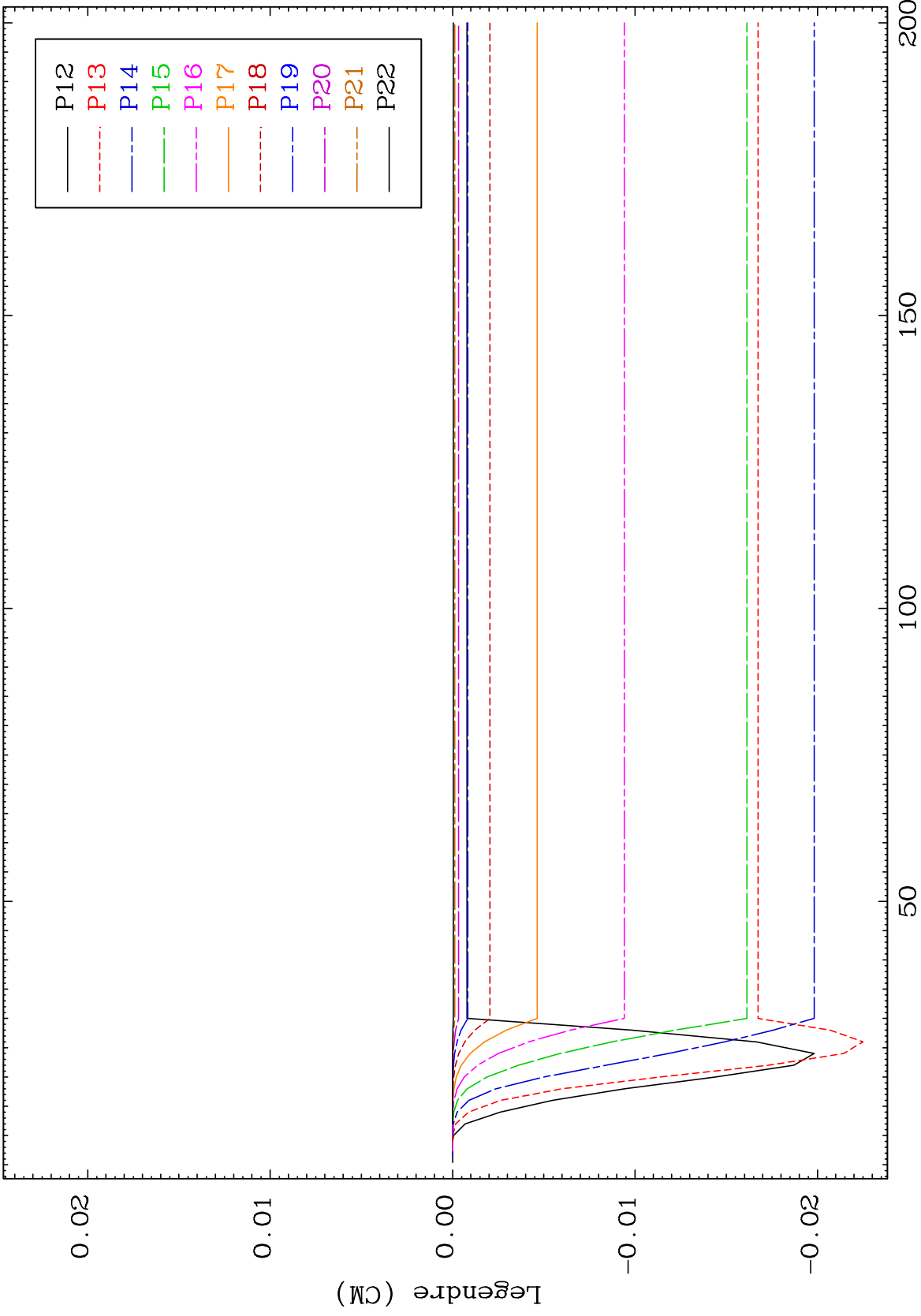
Incident Energy (MeV)

28-Ni-64

MAT 2843

4.369 MeV (n,n') Level  
Legendre Coefficients

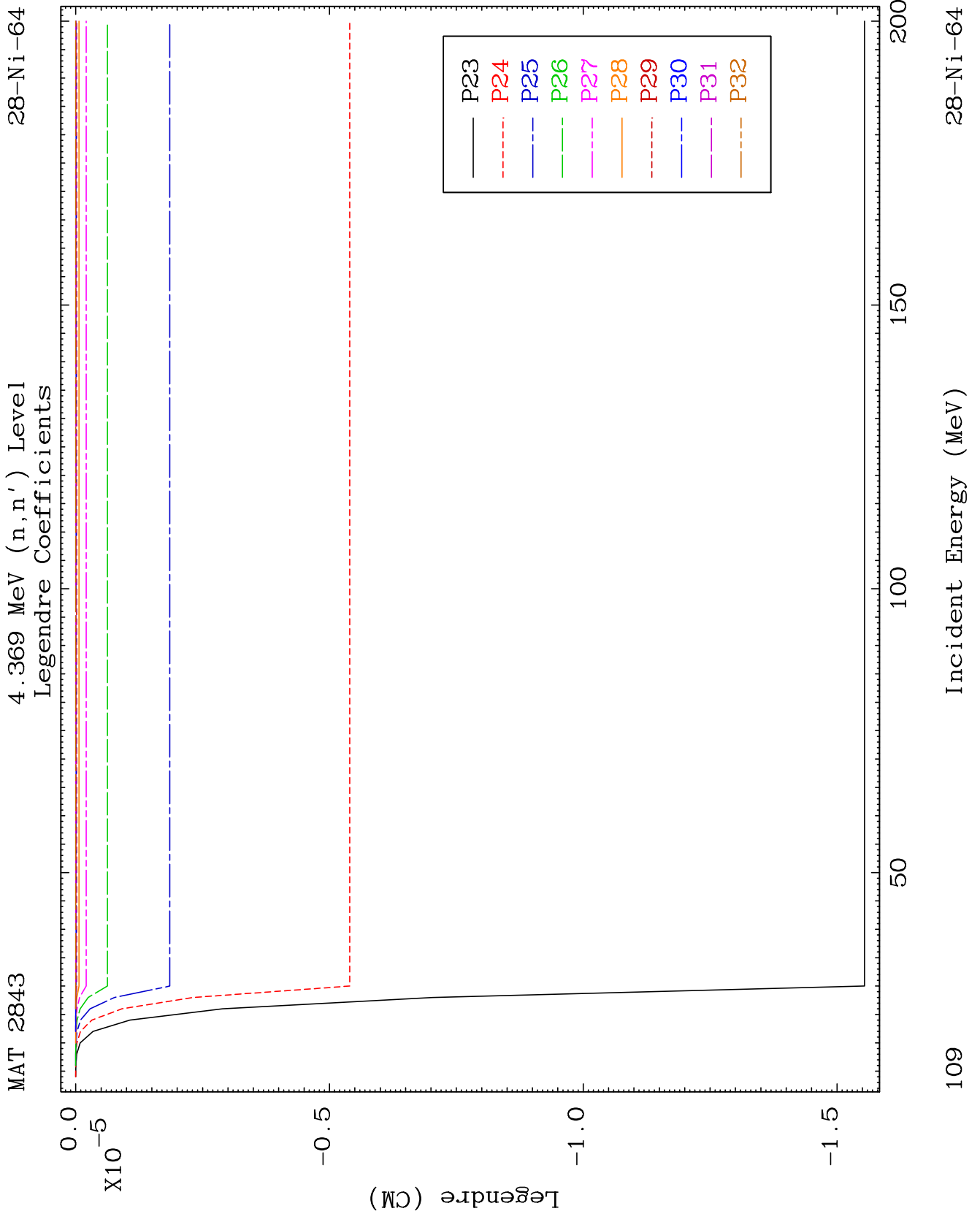
28-Ni-64



108

Incident Energy (MeV)

28-Ni-64

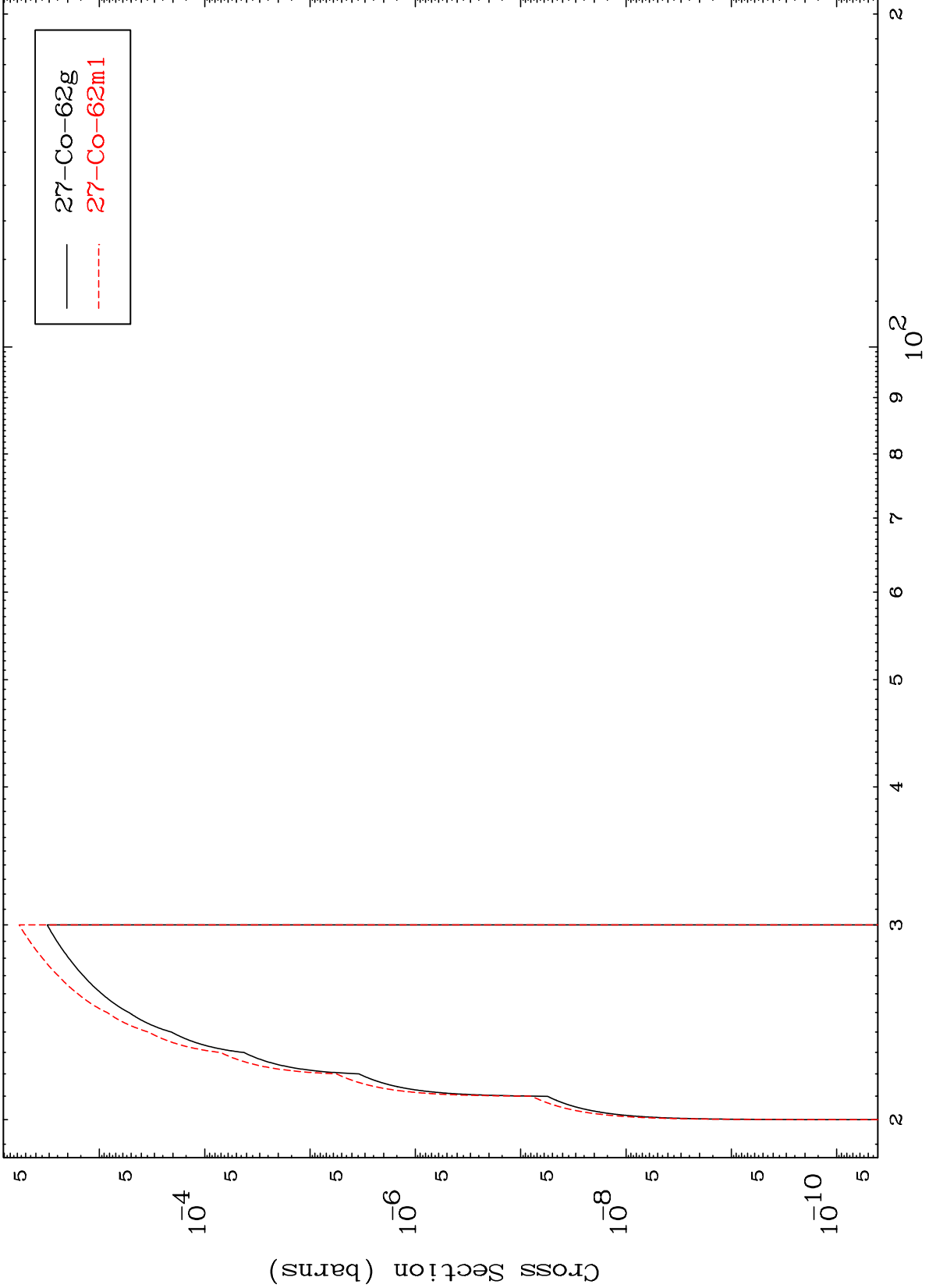


MAT 2843

(n,n') d

28-Ni-64

Radionuclide Production Cross Section



110

Incident Energy (MeV)

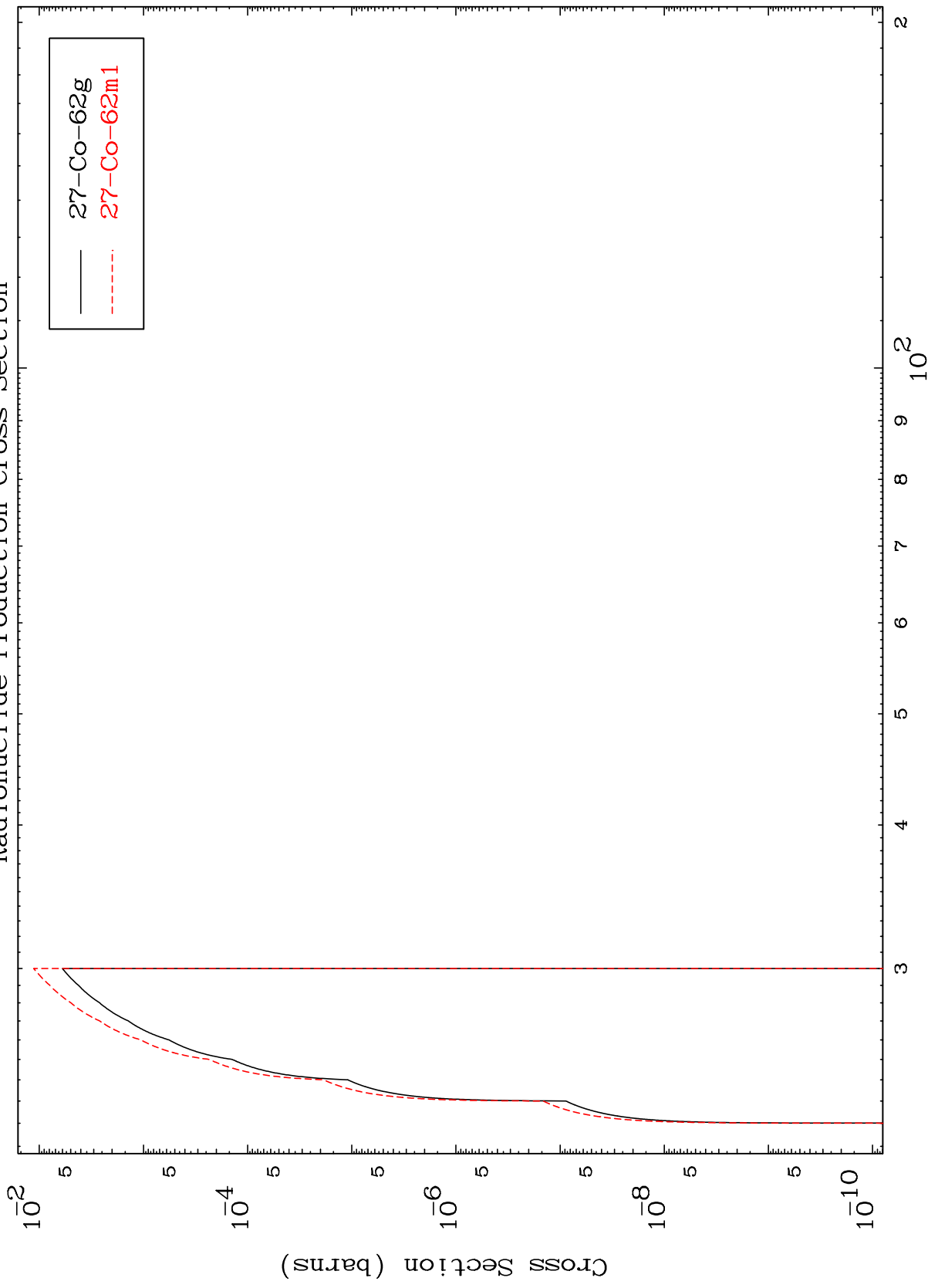
28-Ni-64

MAT 2843

(n,2n) p

28-Ni-64

Radionuclide Production Cross Section



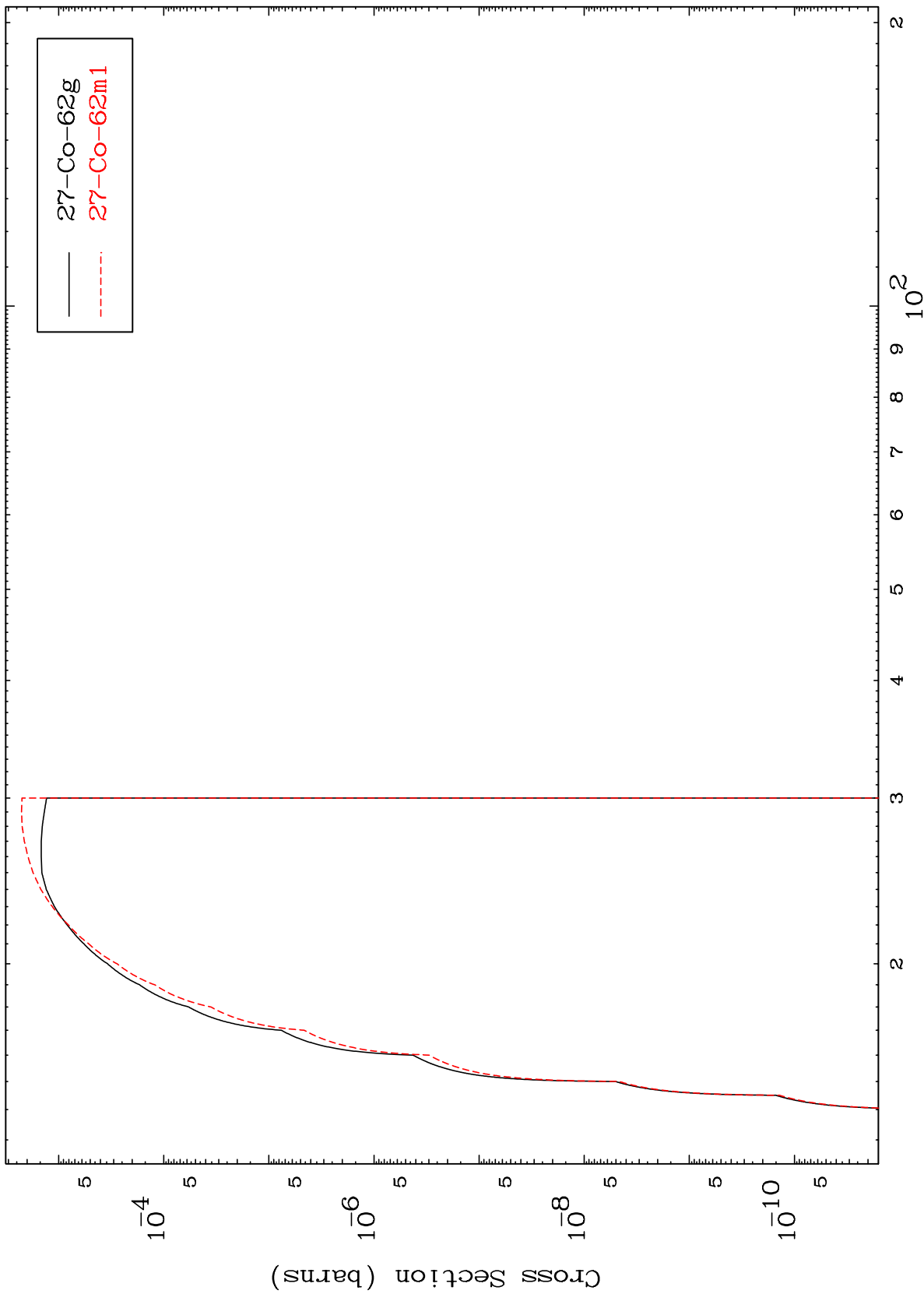
111

Incident Energy (MeV)

28-Ni-64



(n,t)  
Radionuclide Production Cross Section



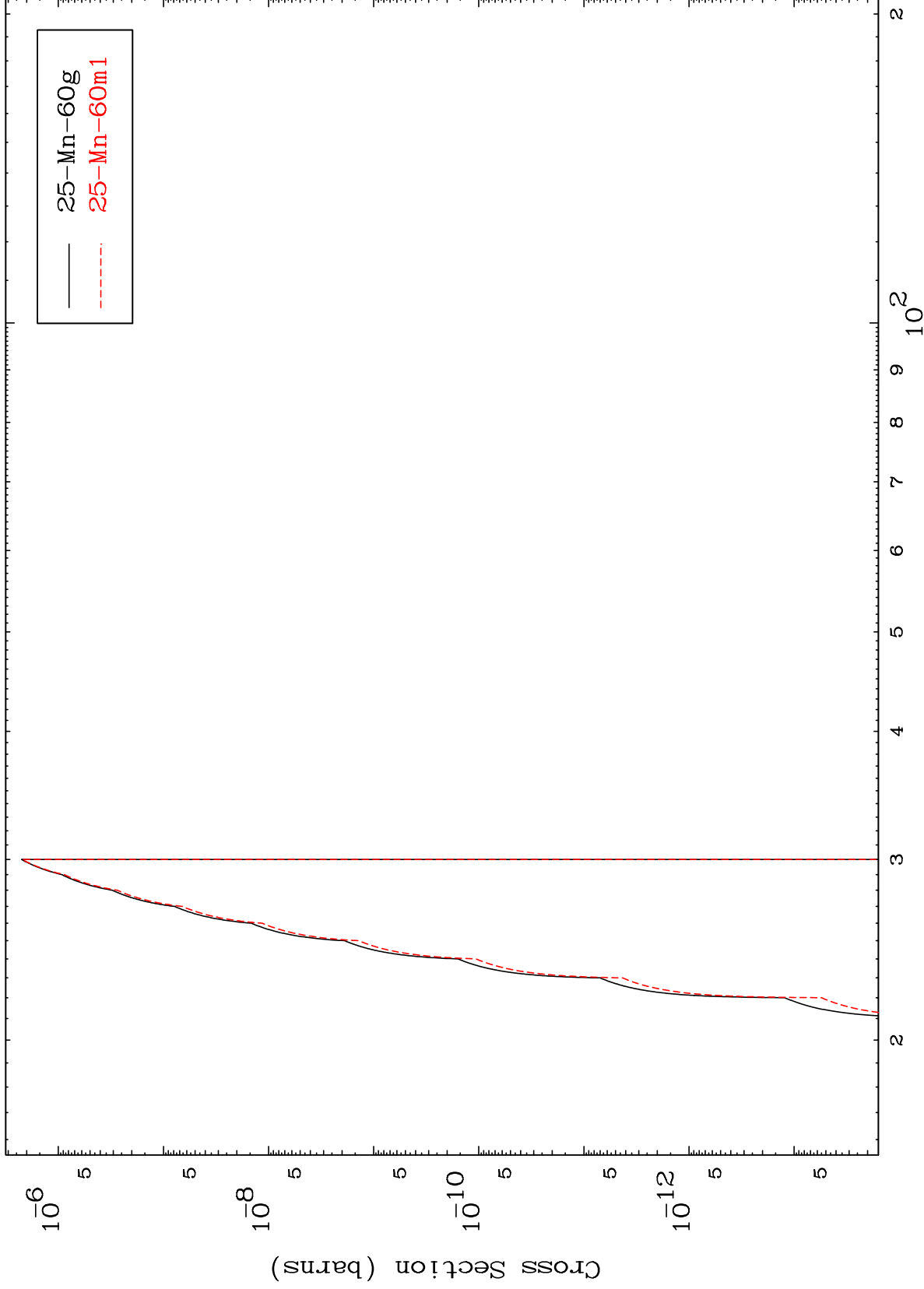
— 27-Co-62g  
- - - 27-Co-62m1

MAT 2843

(n,p)  $\alpha$

28-Ni-64

Radionuclide Production Cross Section



113

Incident Energy (MeV)

28-Ni-64