

Program EVALPLOT  
(Version 2018-1)

by

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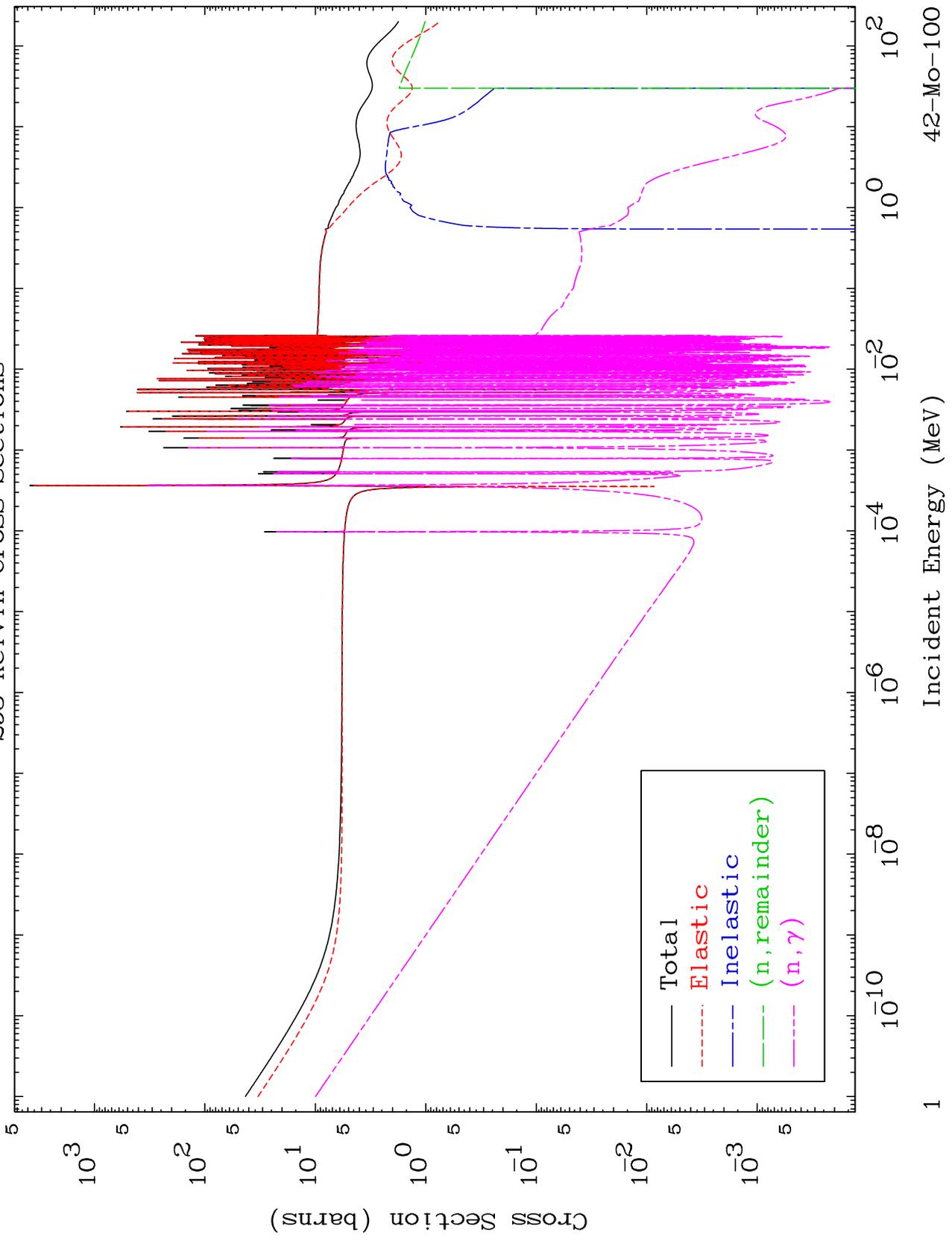
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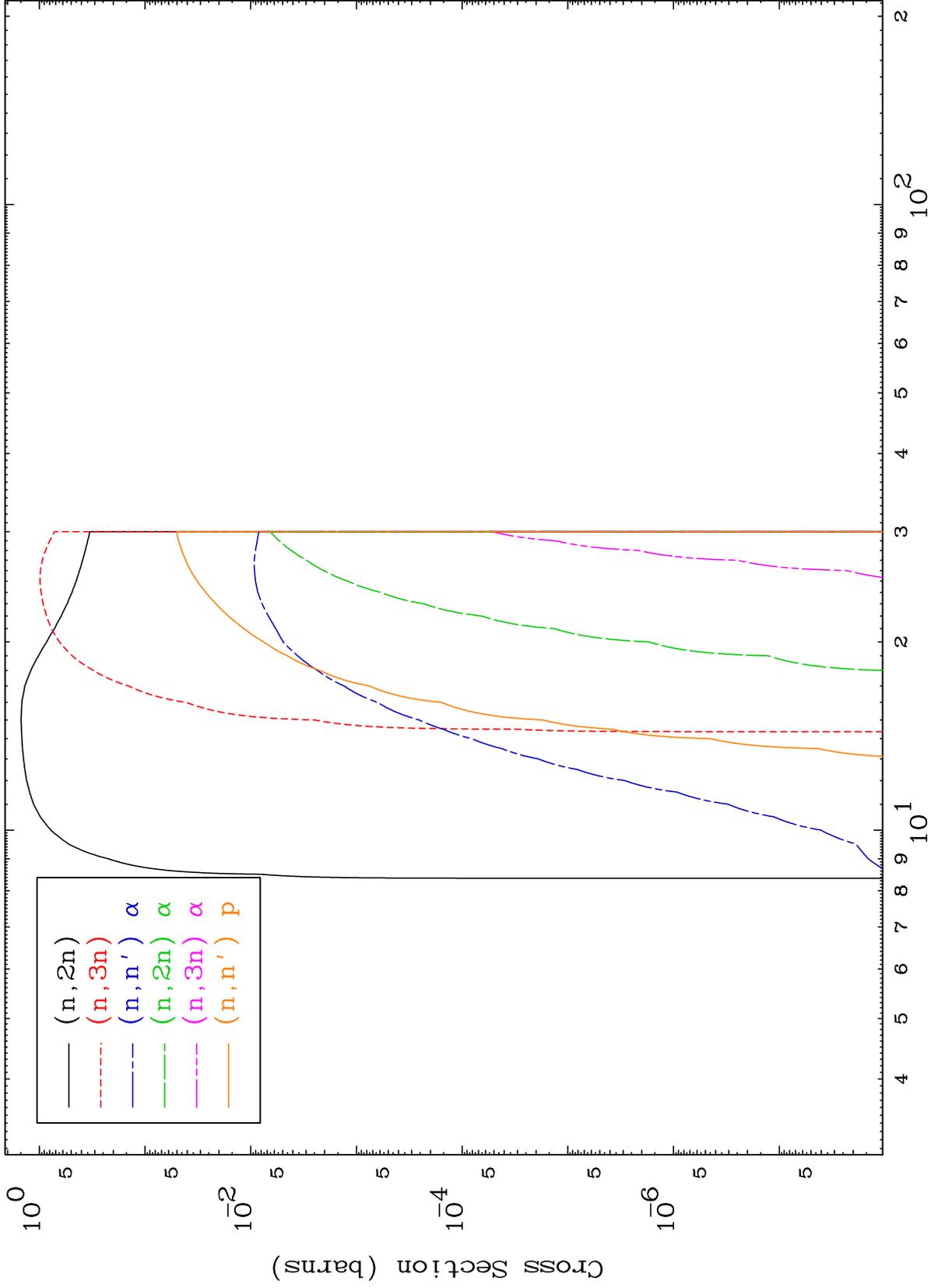
MAT 4249

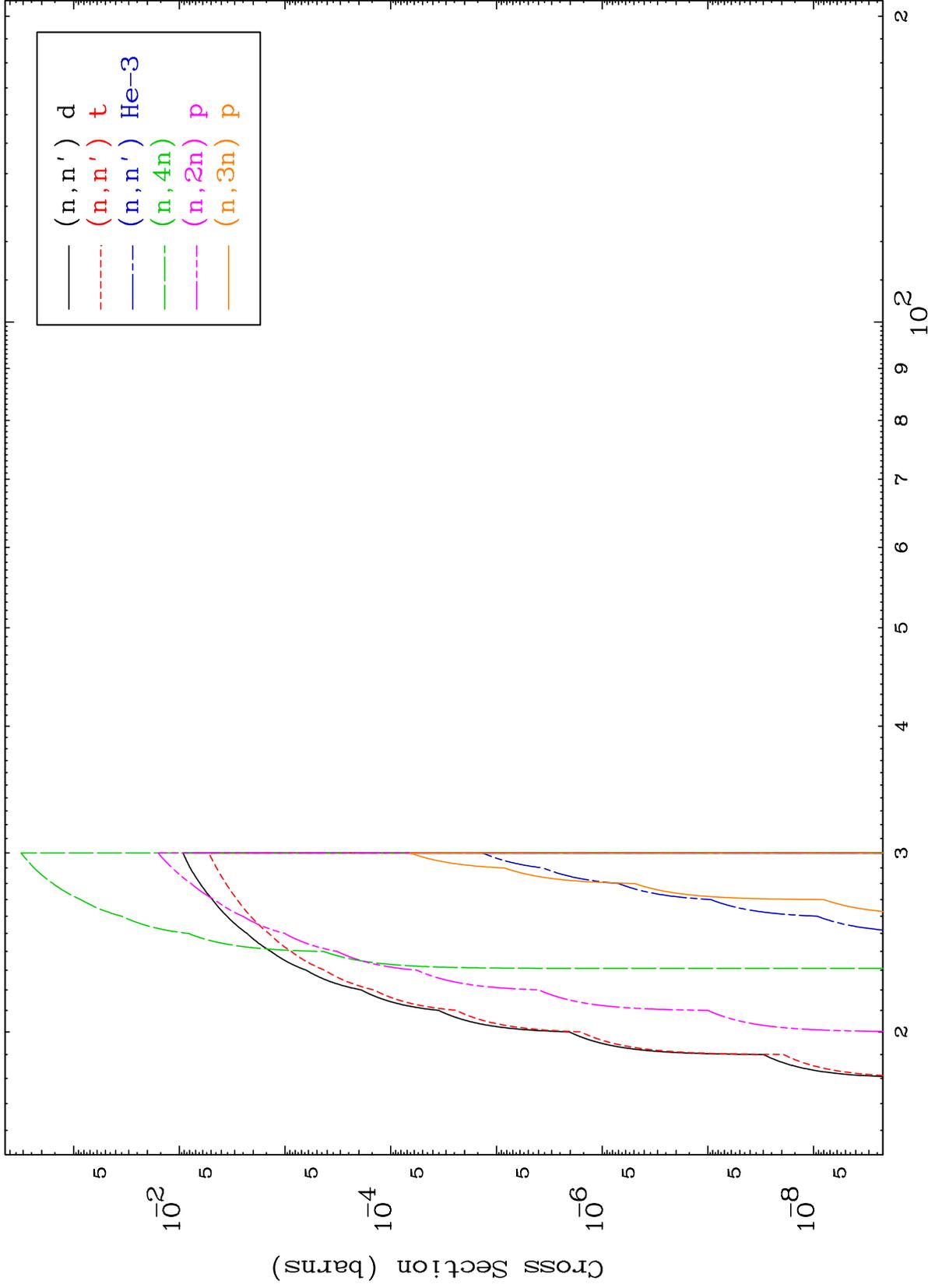
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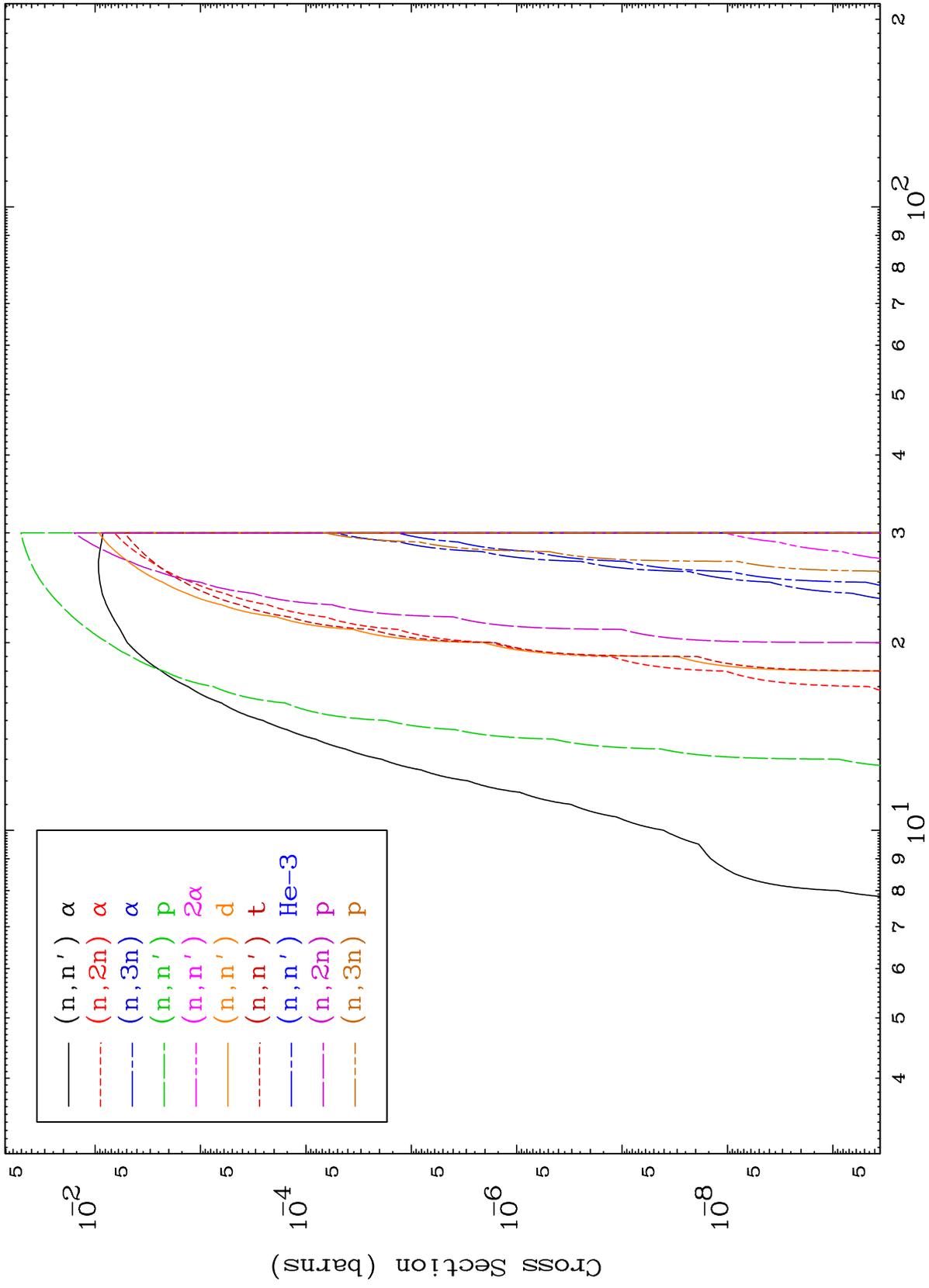
293 Kelvin Cross Sections

42-Mo-100





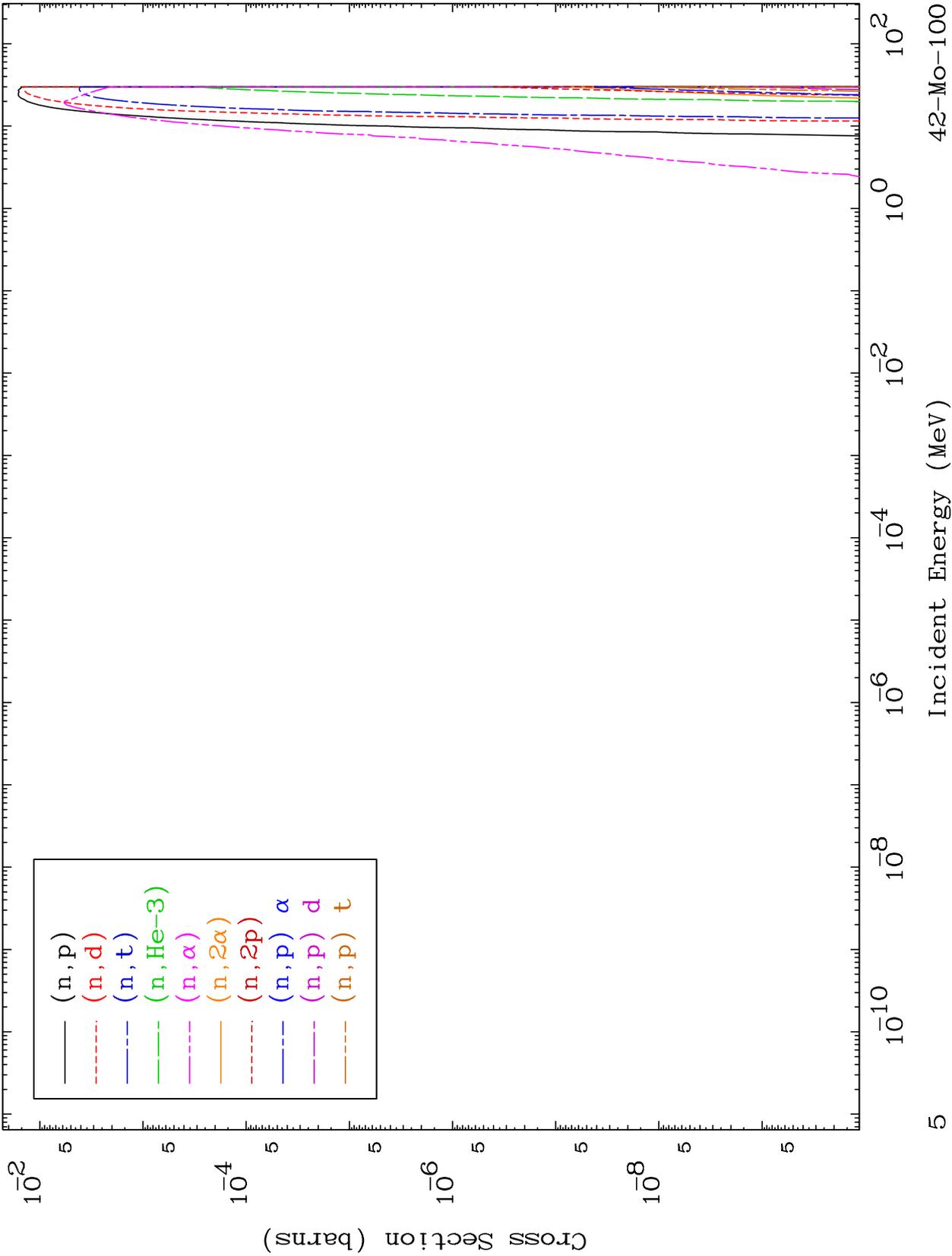




MAT 4249

Charged Particle  
293 Kelvin Cross Sections

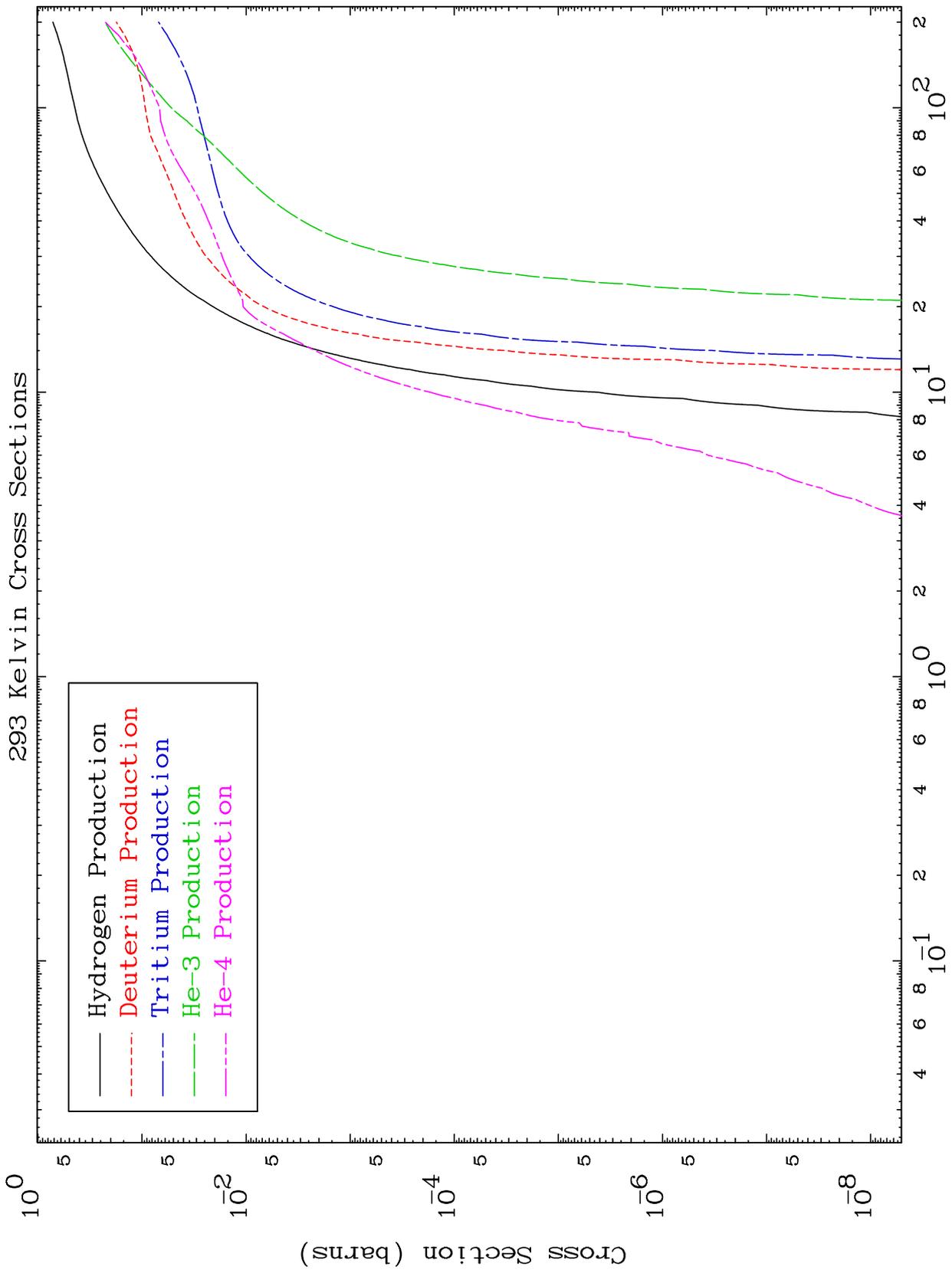
42-Mo-100



MAT 4249

Particle Production  
293 Kelvin Cross Sections

42-Mo-100

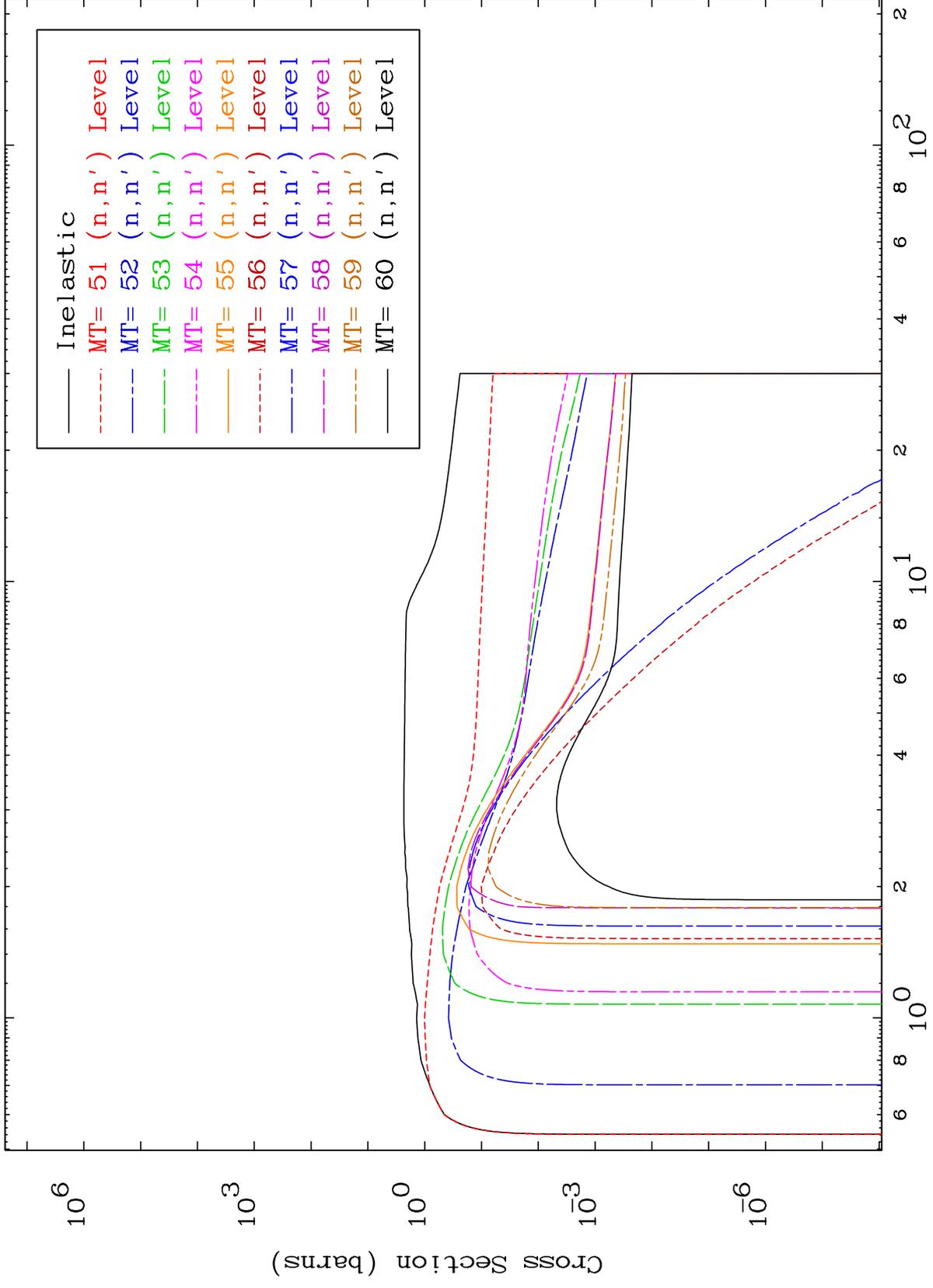


MAT 4249

(n,n') Level

42-Mo-100

293 Kelvin Cross Sections

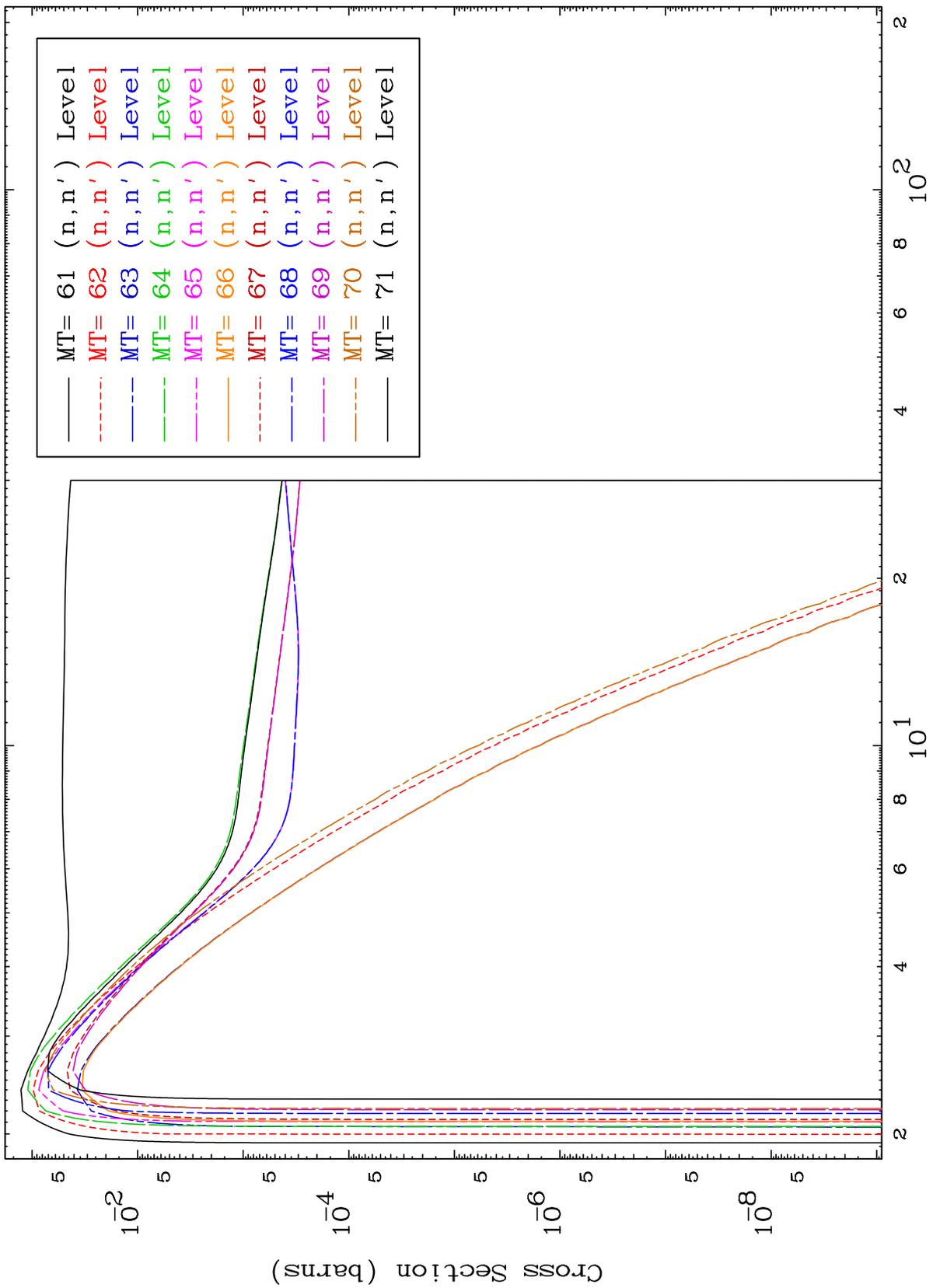


MAT 4249

(n,n') Level

42-Mo-100

293 Kelvin Cross Sections



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Incident Energy (MeV)

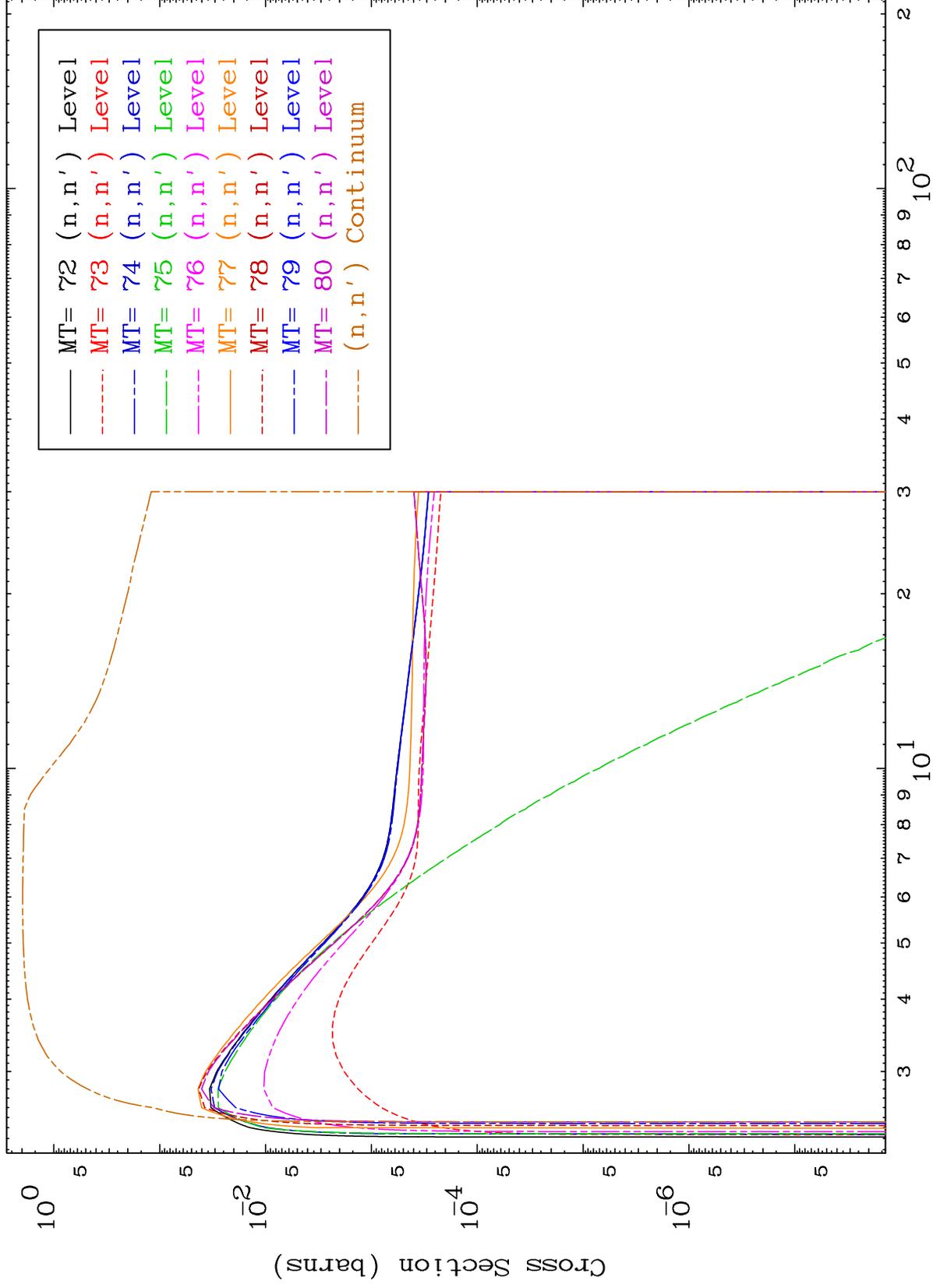
42-Mo-100

MAT 4249

(n,n') Level

42-Mo-100

293 Kelvin Cross Sections



9

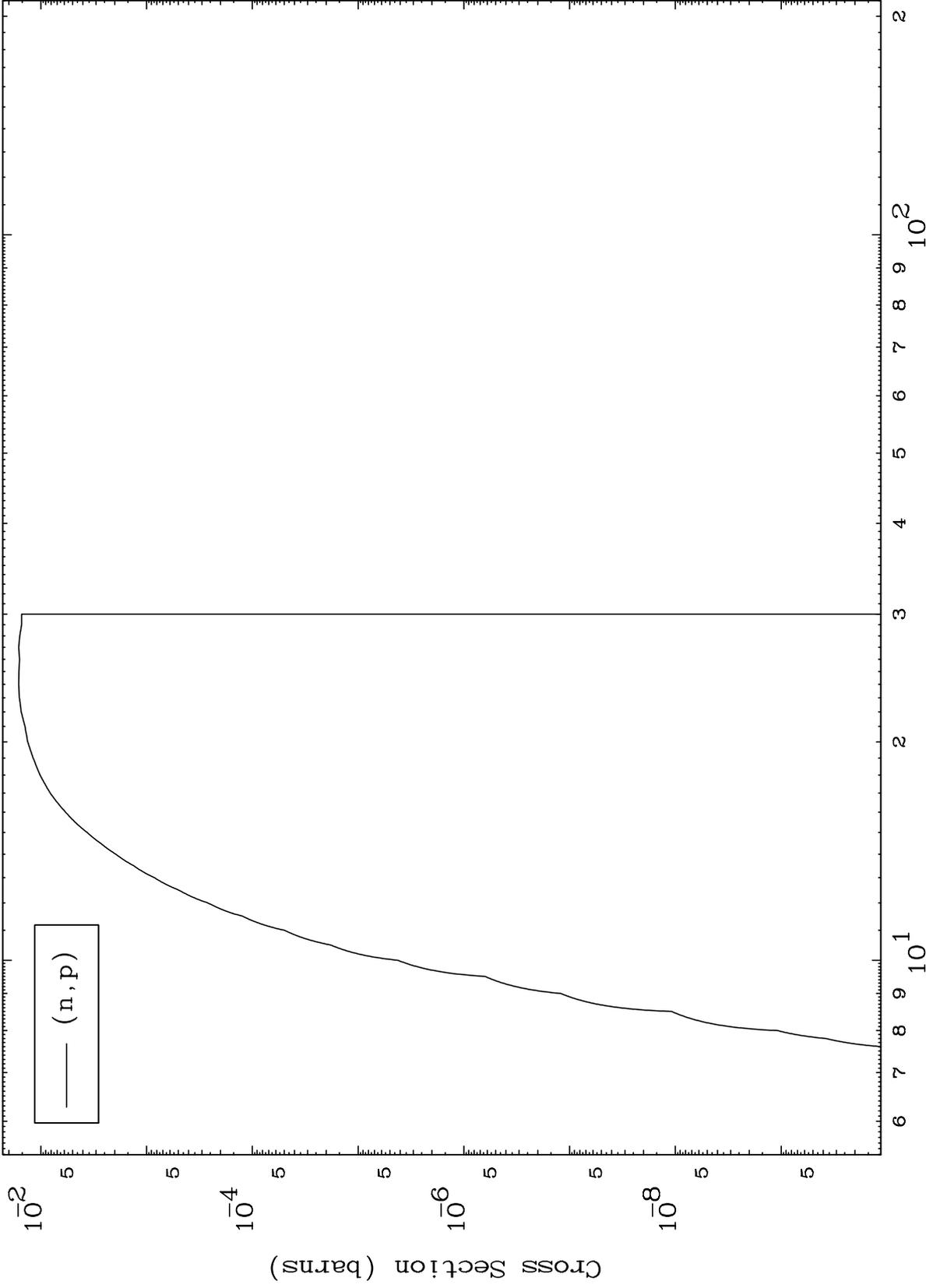
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,p) Levels  
293 Kelvin Cross Sections

42-Mo-100



10

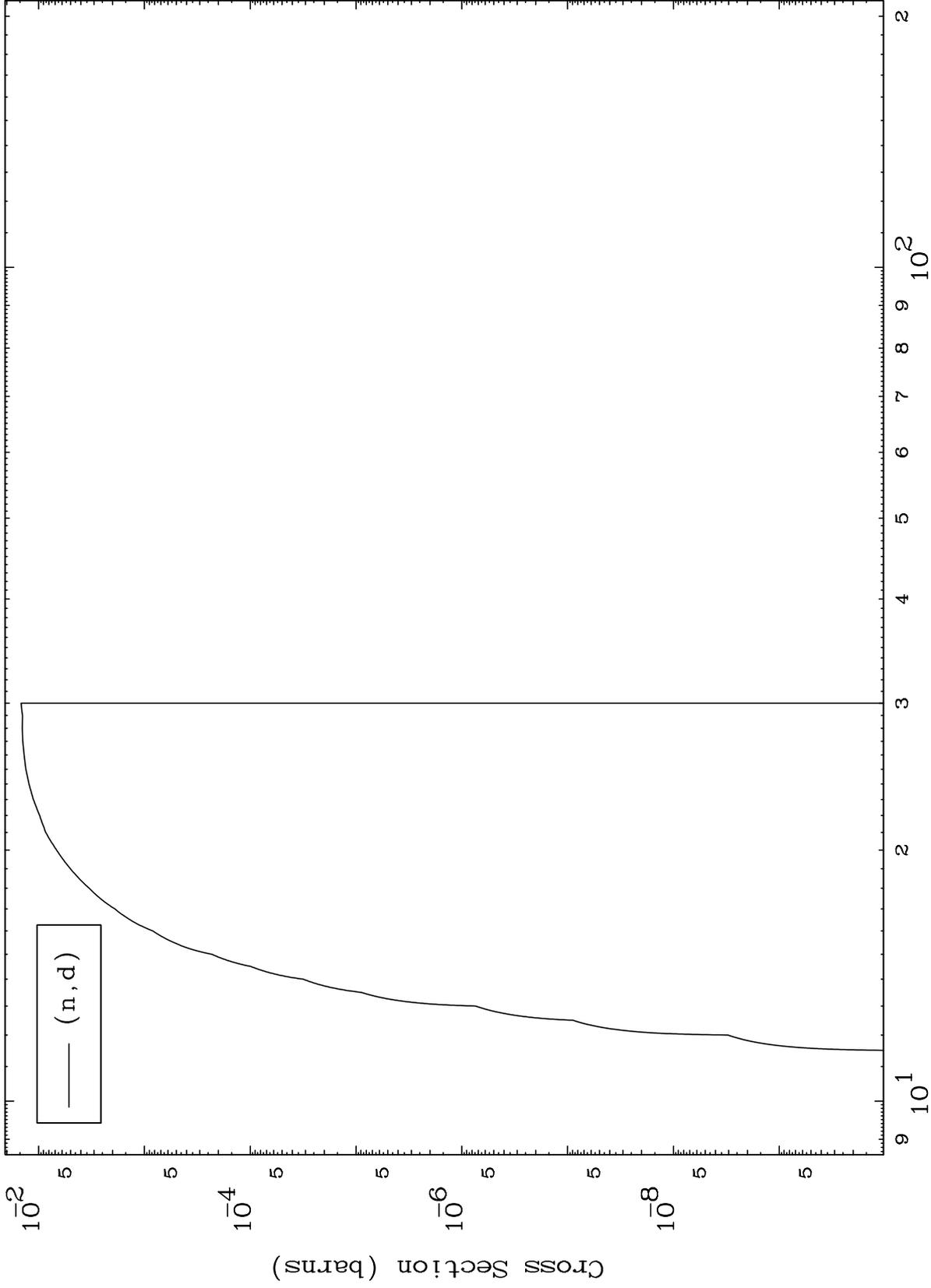
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42-Mo-100

MAT 4249

(n,d) Levels  
293 Kelvin Cross Sections

42-Mo-100



11

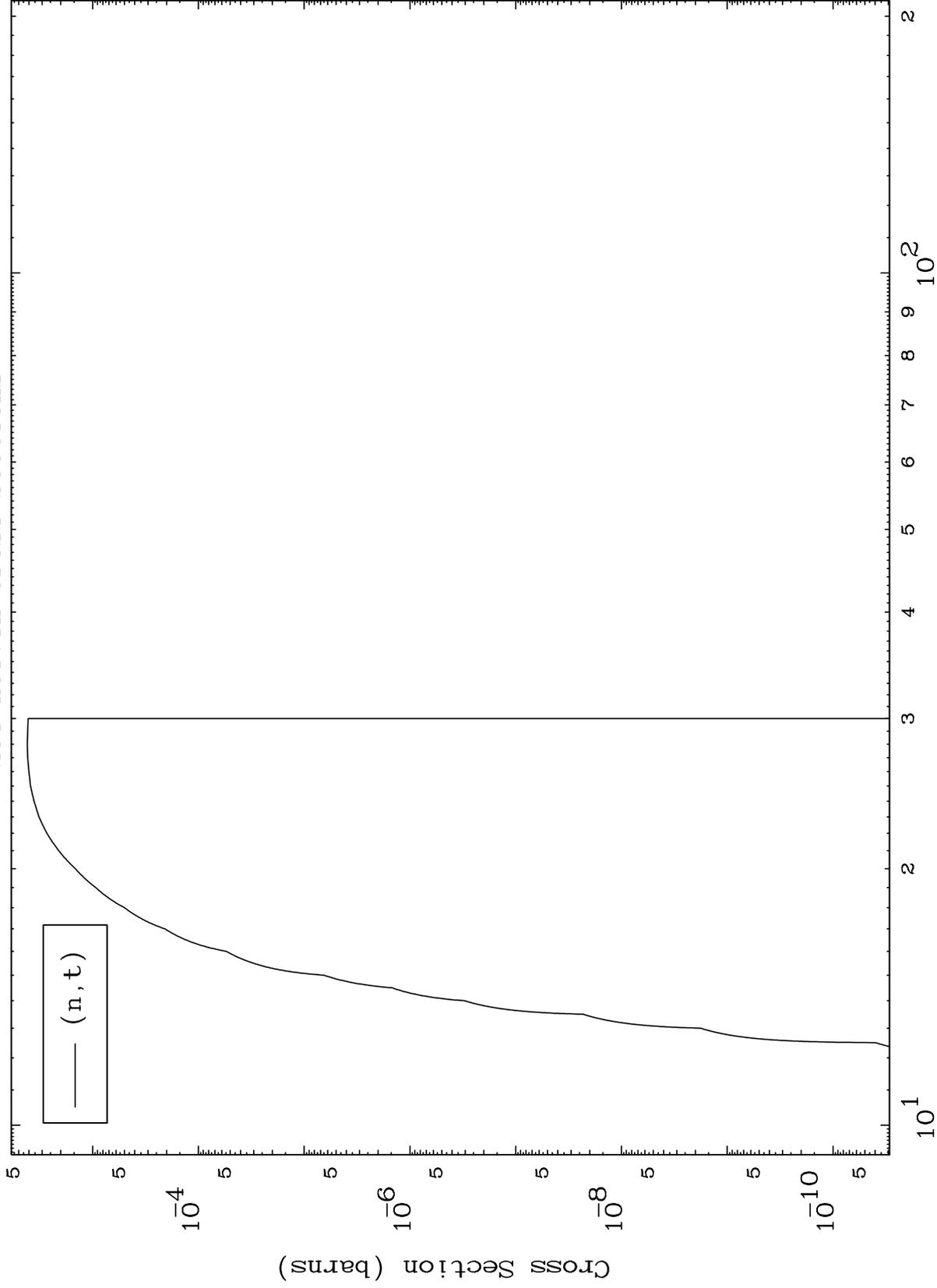
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42-Mo-100

MAT 4249

(n,t) Levels  
293 Kelvin Cross Sections

42-Mo-100



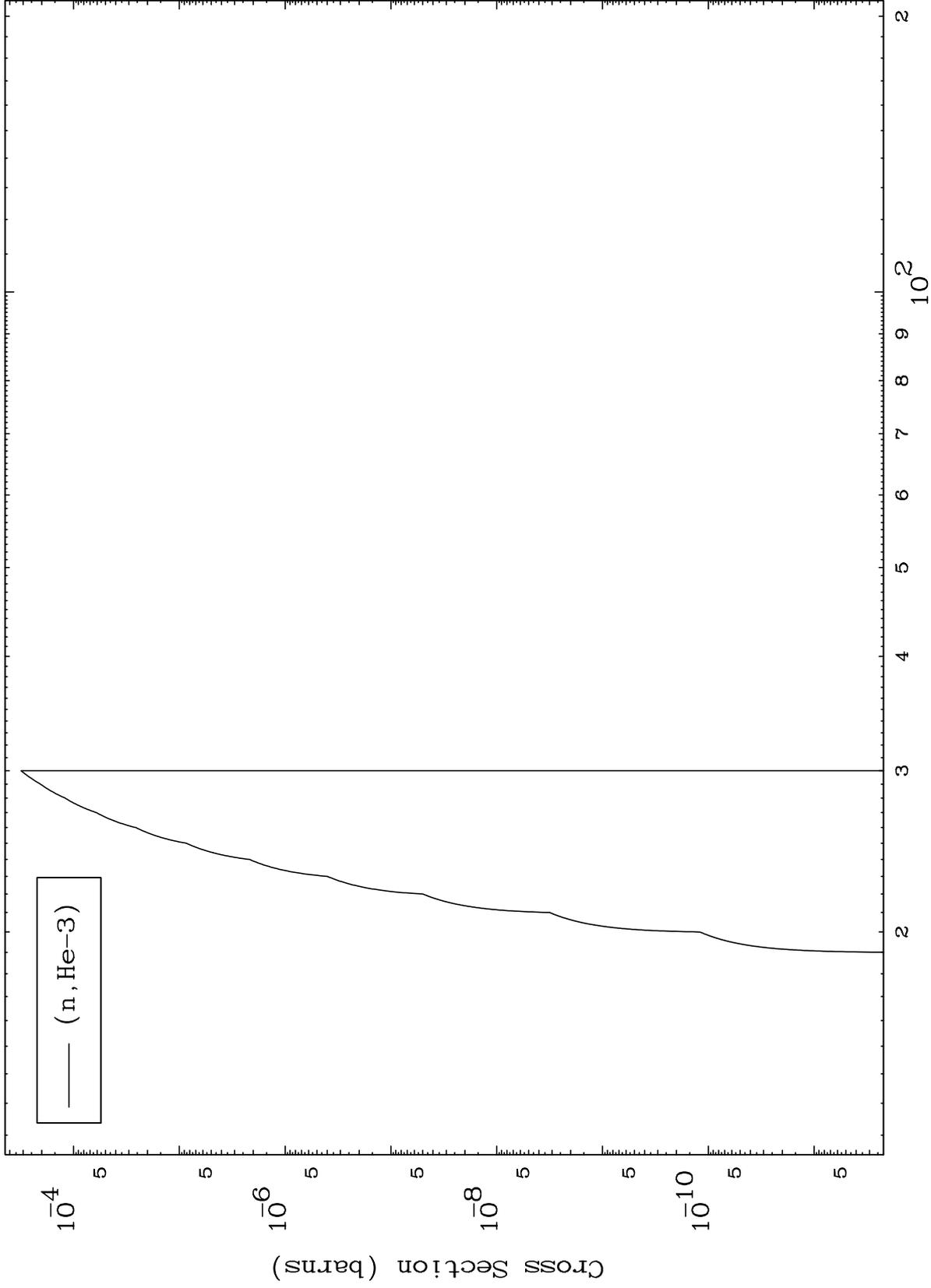
Incident Energy (MeV)

42-Mo-100

MAT 4249

(n,He3) Levels  
293 Kelvin Cross Sections

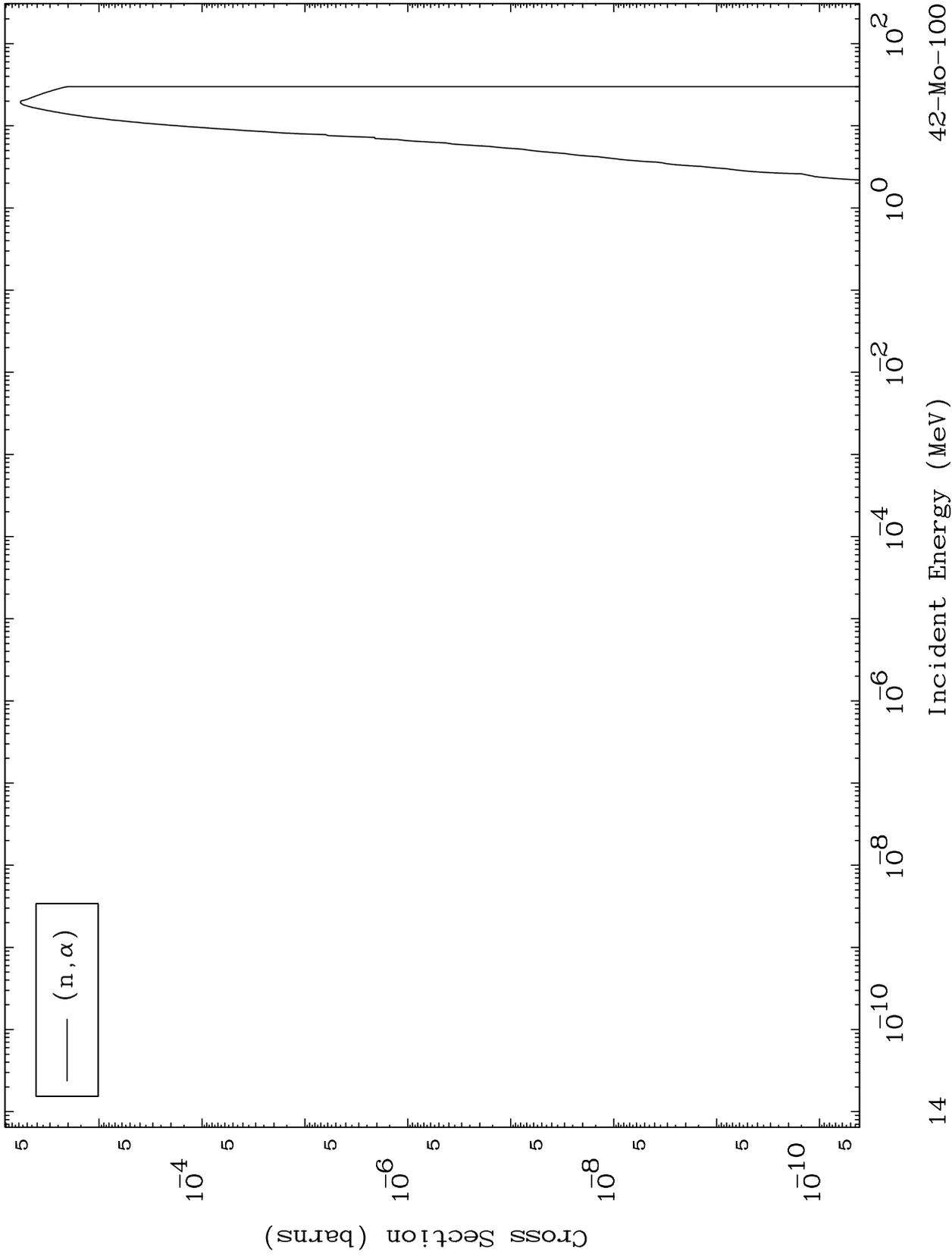
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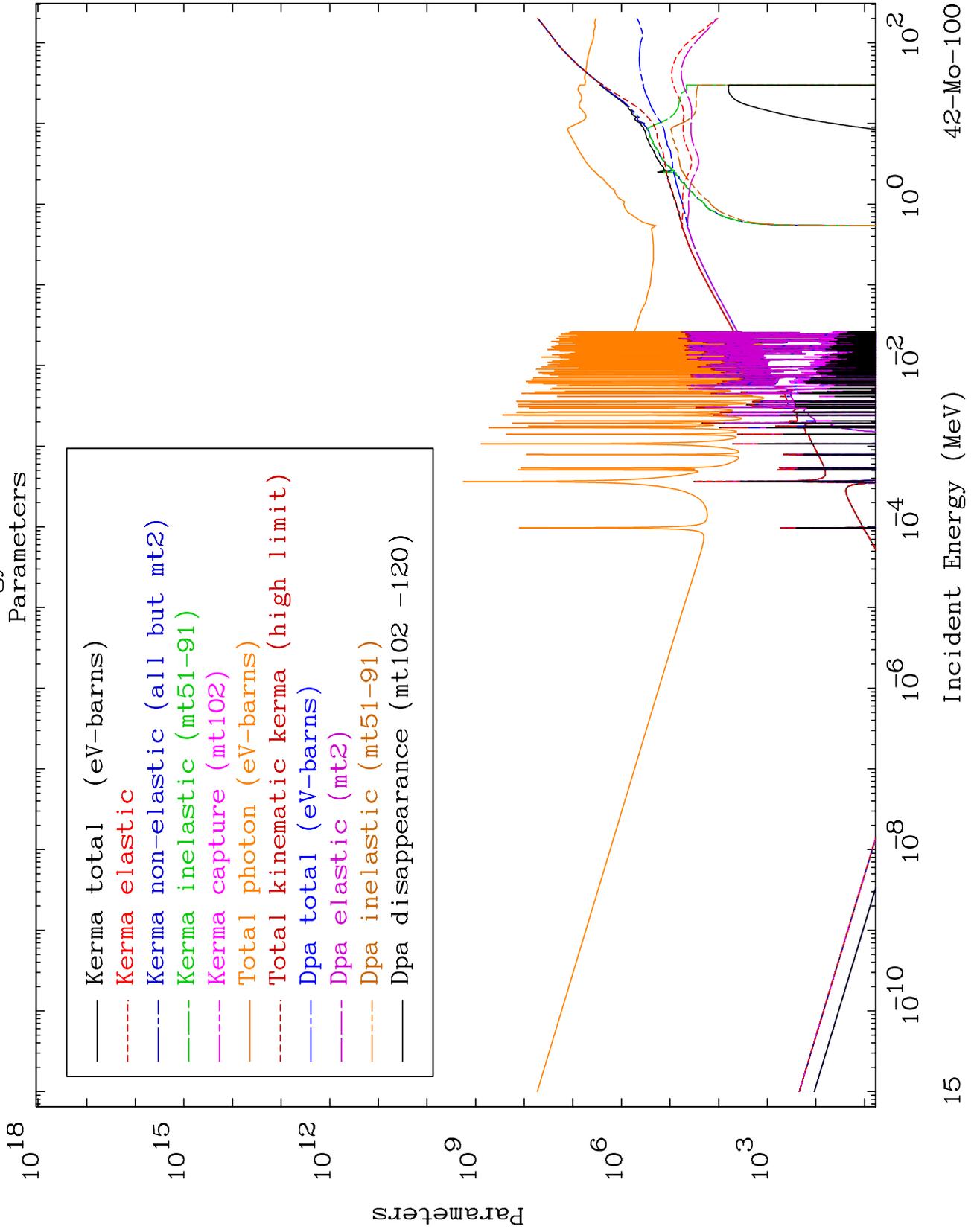


MAT 4249

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

42-Mo-100

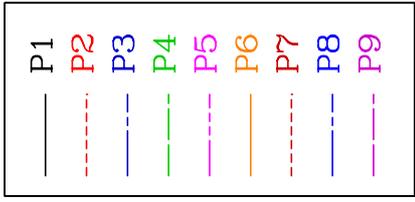
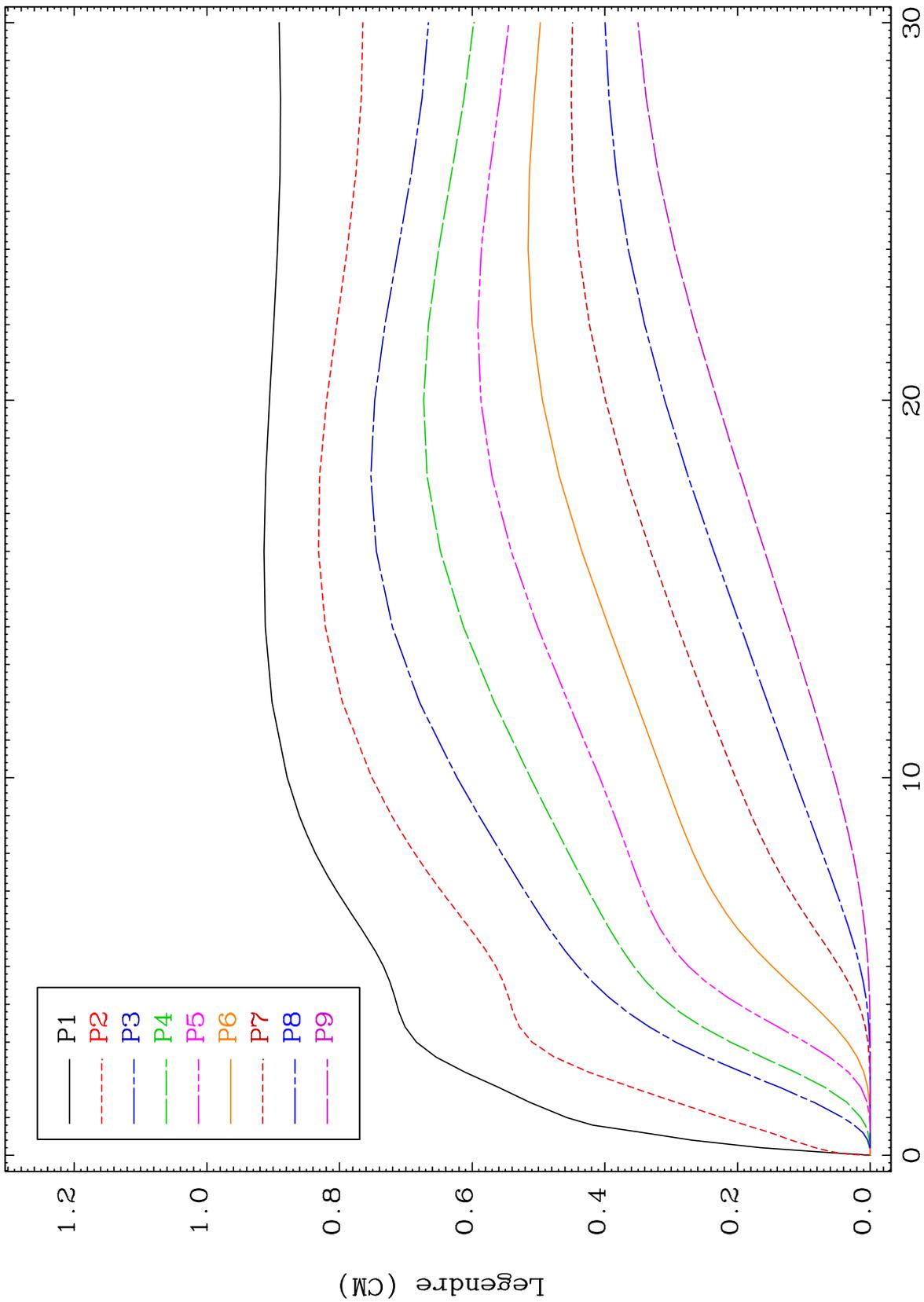




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Elastic Legendre Coefficients

42-Mo-100



16

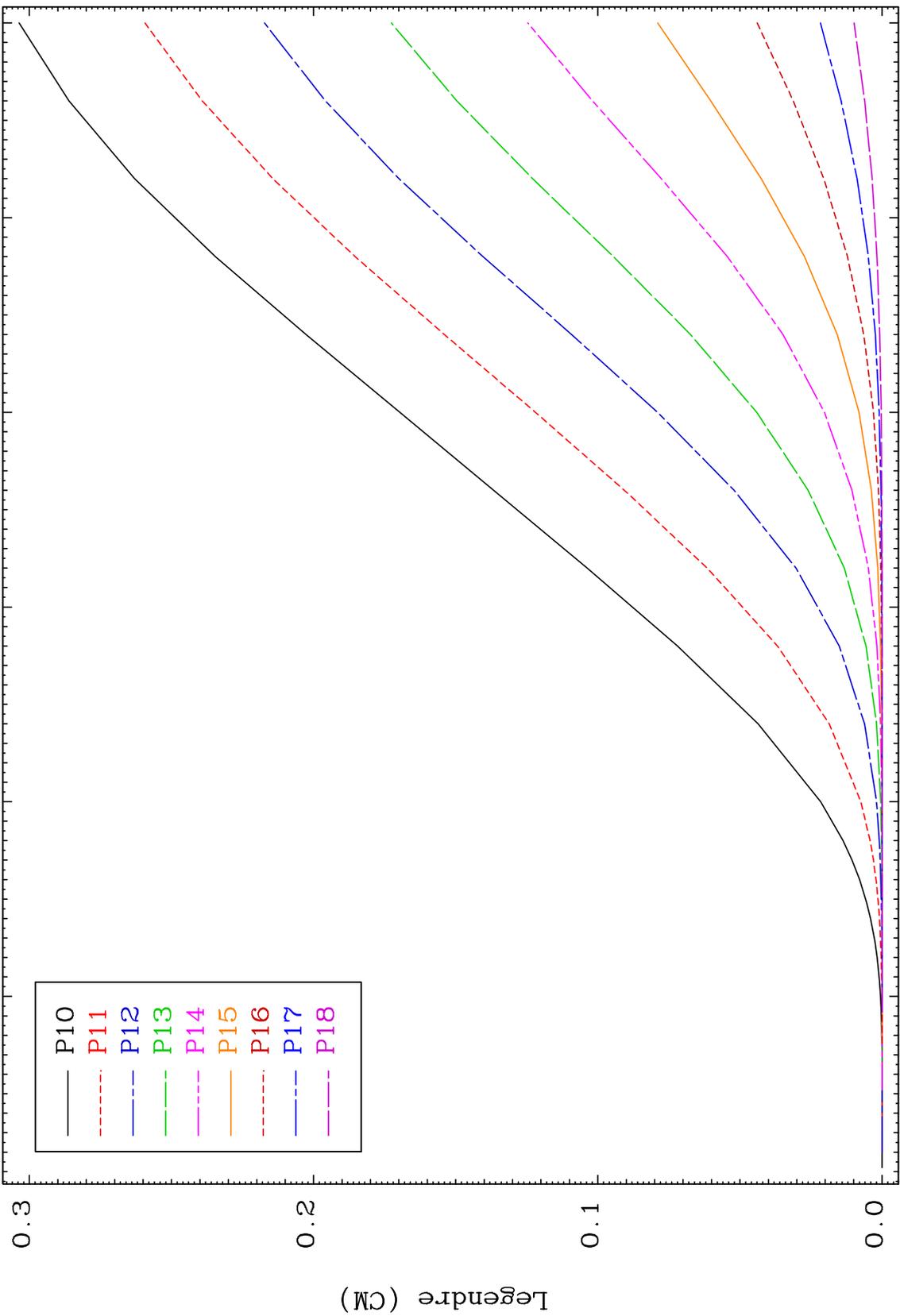
Incident Energy (MeV)

42-Mo-100

MAT 4249

Elastic Legendre Coefficients

42-Mo-100



17

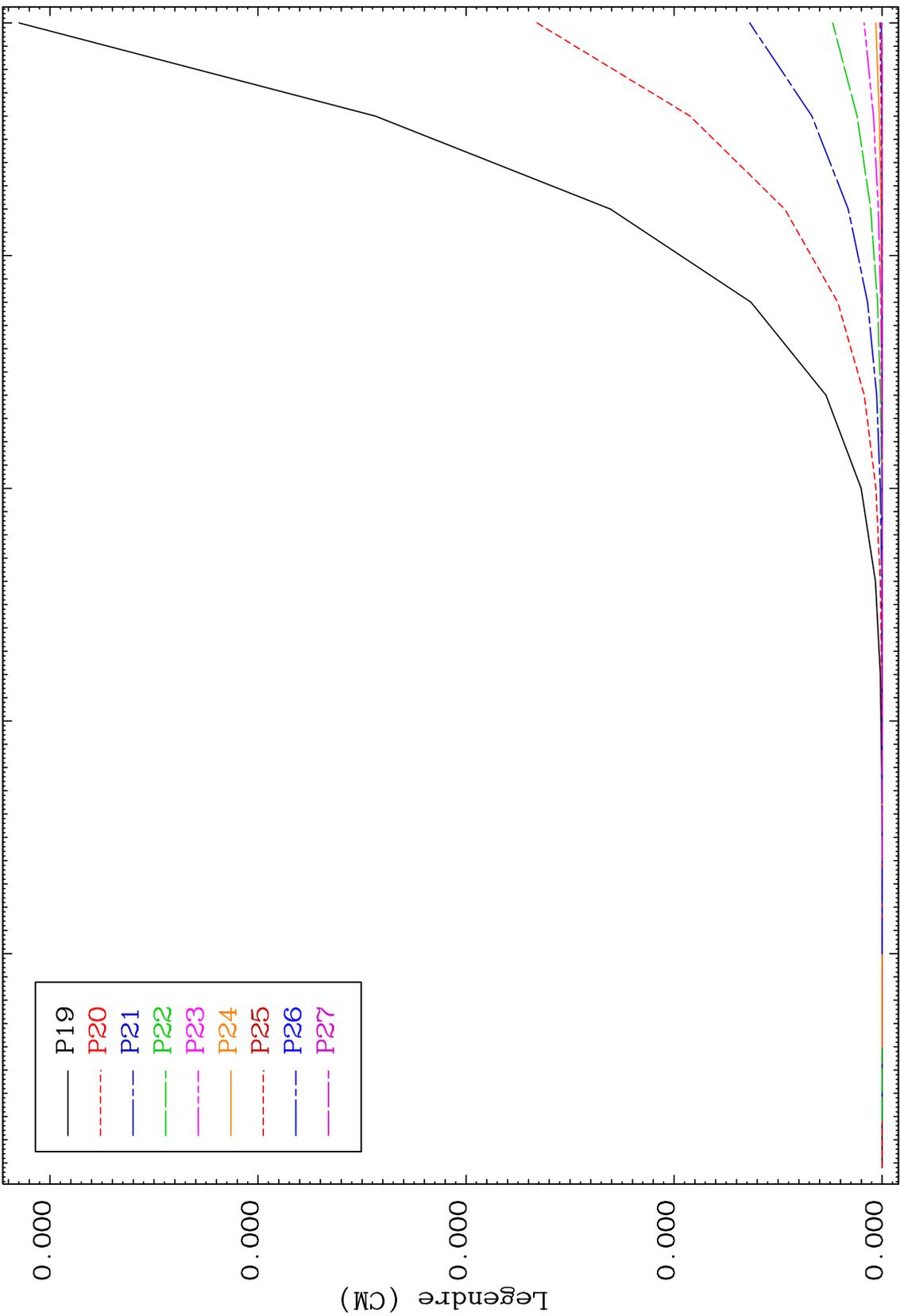
Incident Energy (MeV)

42-Mo-100

MAT 4249

### Elastic Legendre Coefficients

42-Mo-100



18

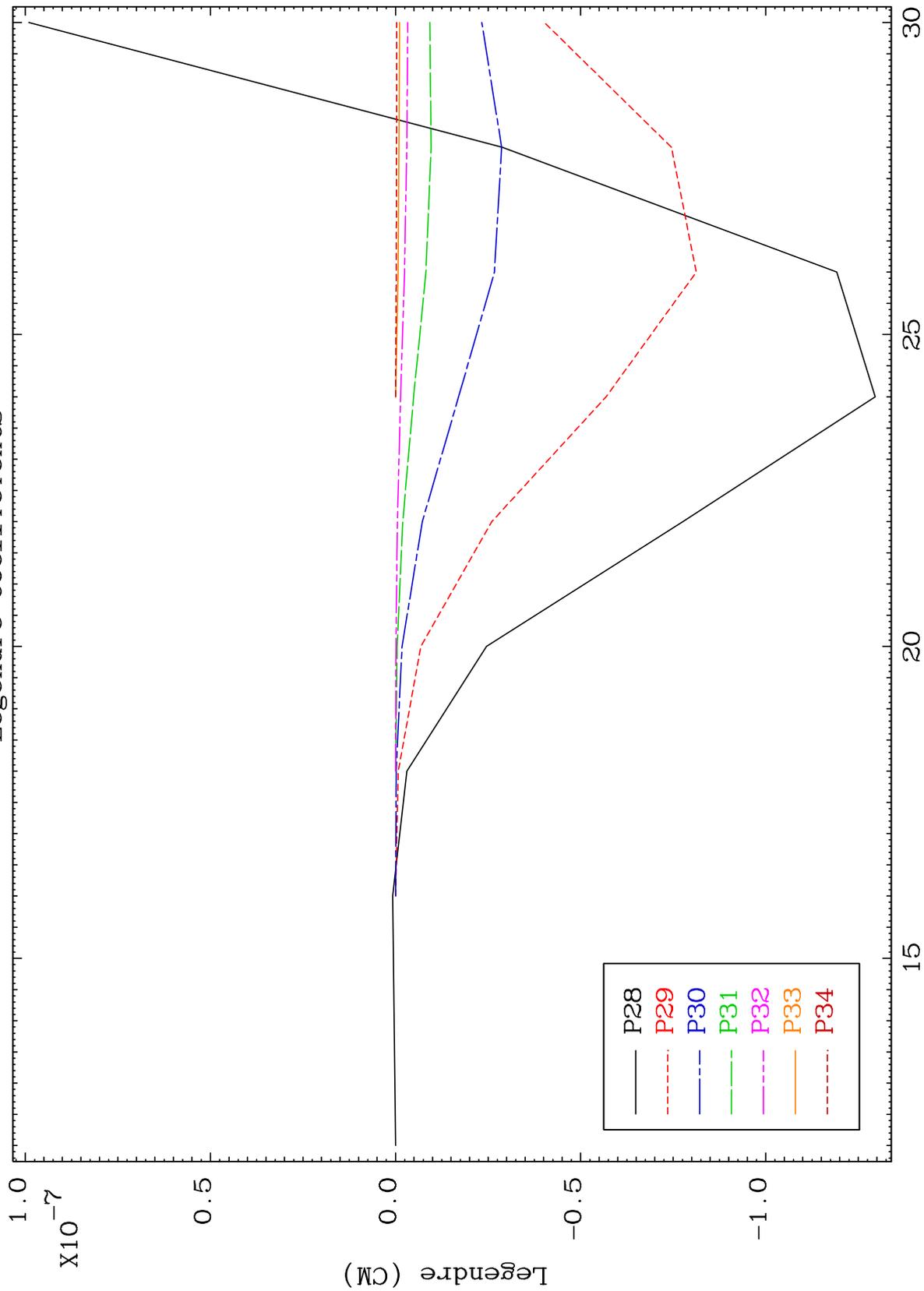
Incident Energy (MeV)

42-Mo-100

MAT 4249

Elastic  
Legendre Coefficients

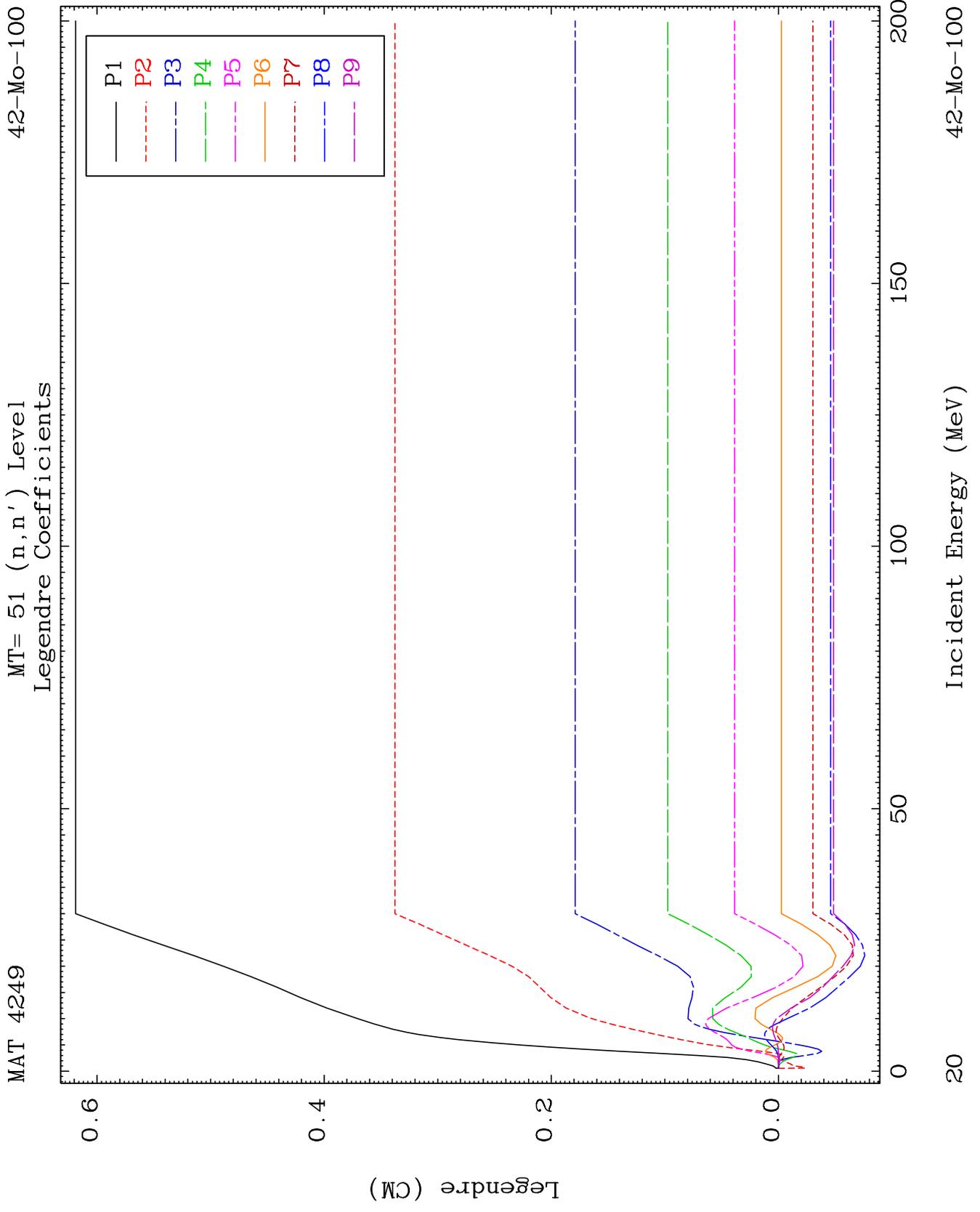
42-Mo-100



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Incident Energy (MeV)

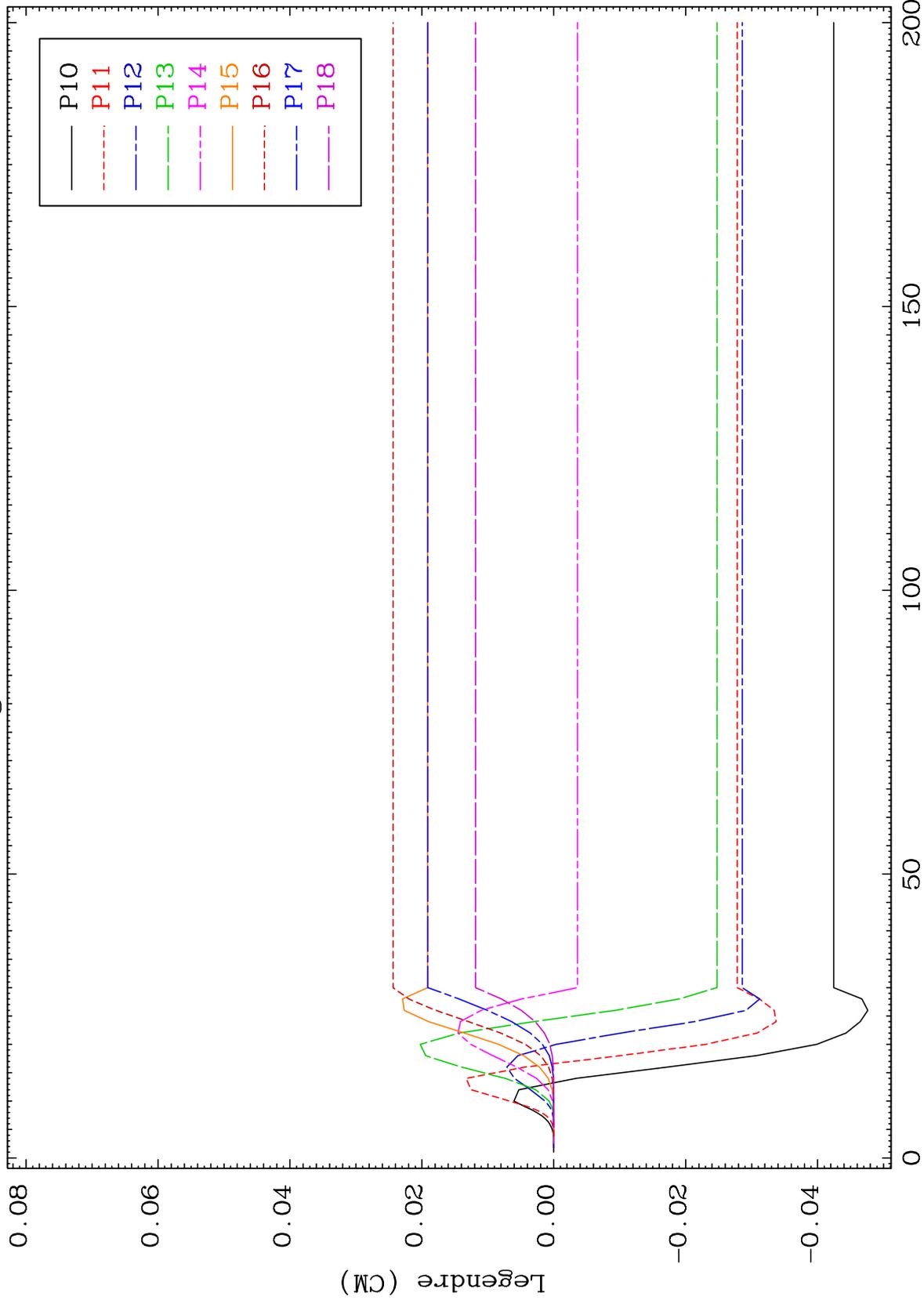
42-Mo-100



MAT 4249

MT= 51 (n,n') Level  
Legendre Coefficients

42-Mo-100



21

Incident Energy (MeV)

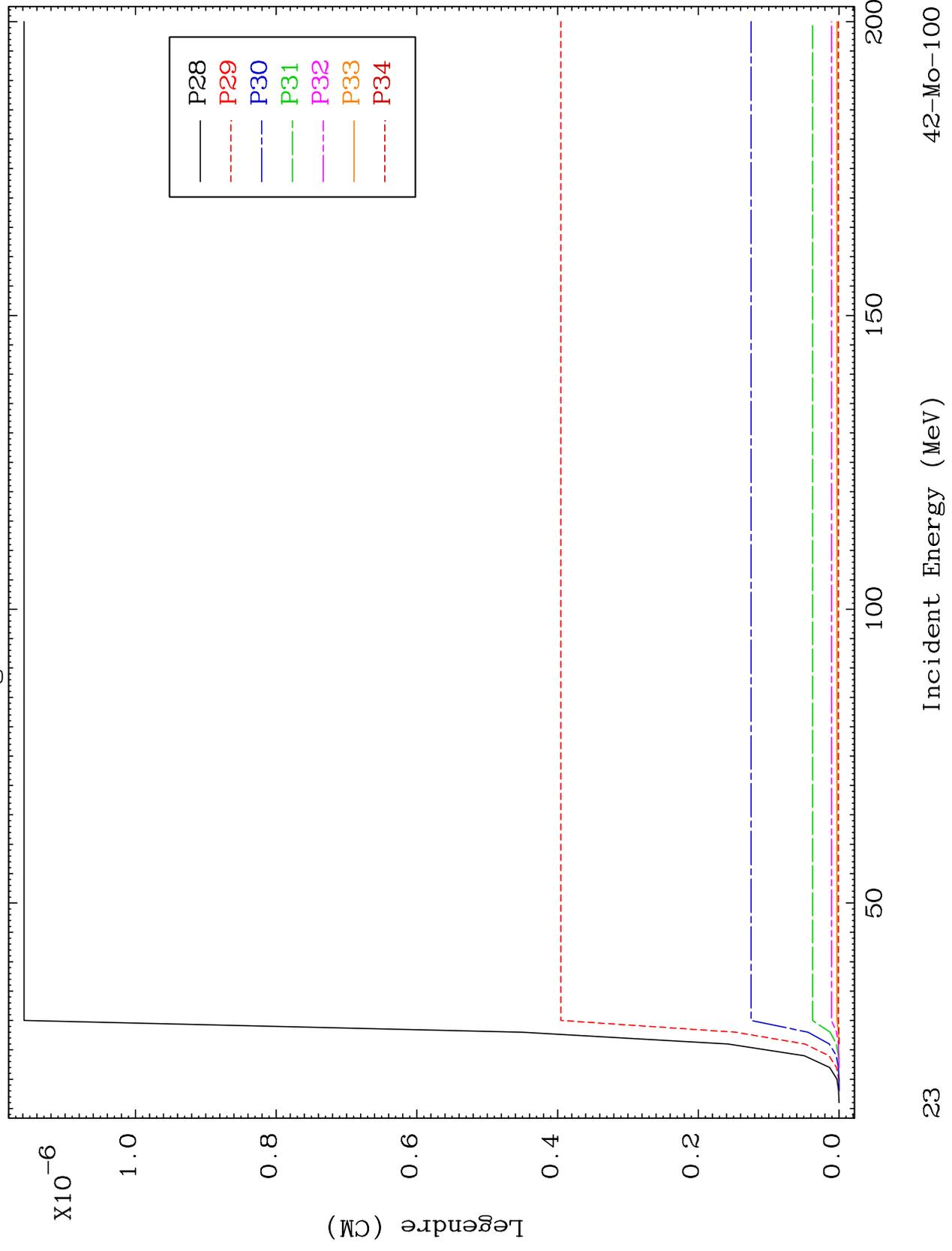
42-Mo-100



MAT 4249

MT= 51 (n,n') Level  
Legendre Coefficients

42-Mo-100



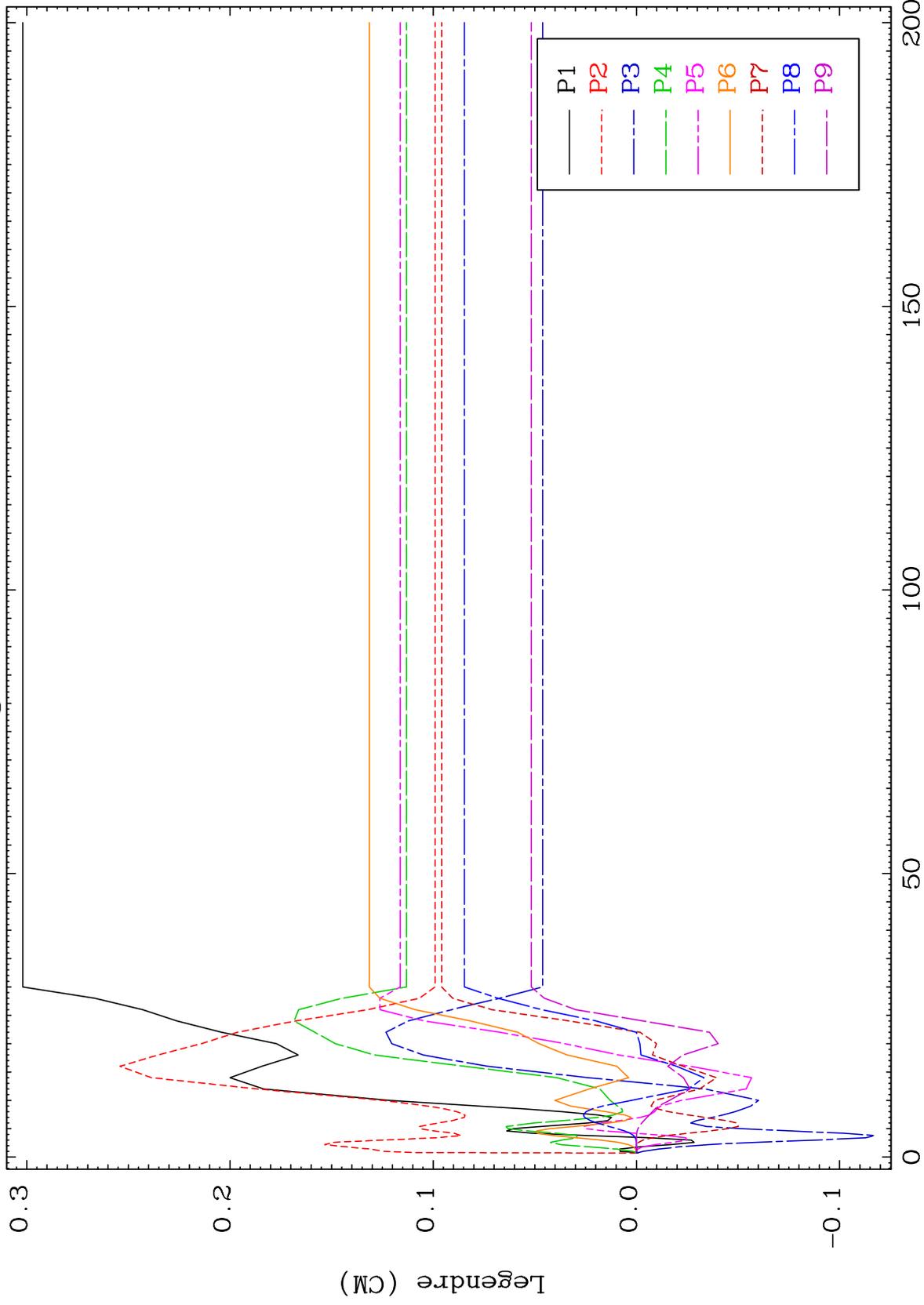
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42-Mo-100

MAT 4249

MT= 52 (n,n') Level  
Legendre Coefficients

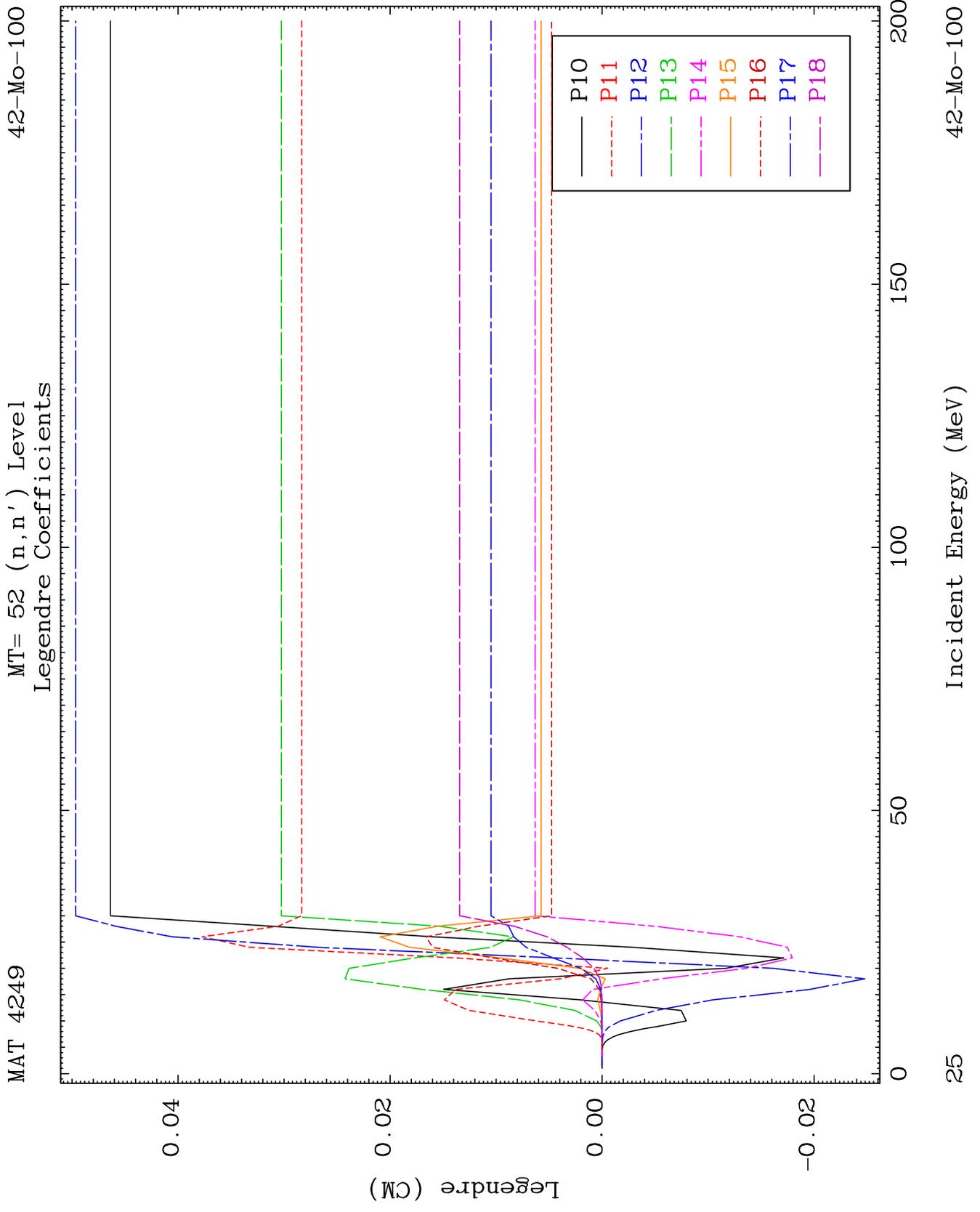
42-Mo-100



24

Incident Energy (MeV)

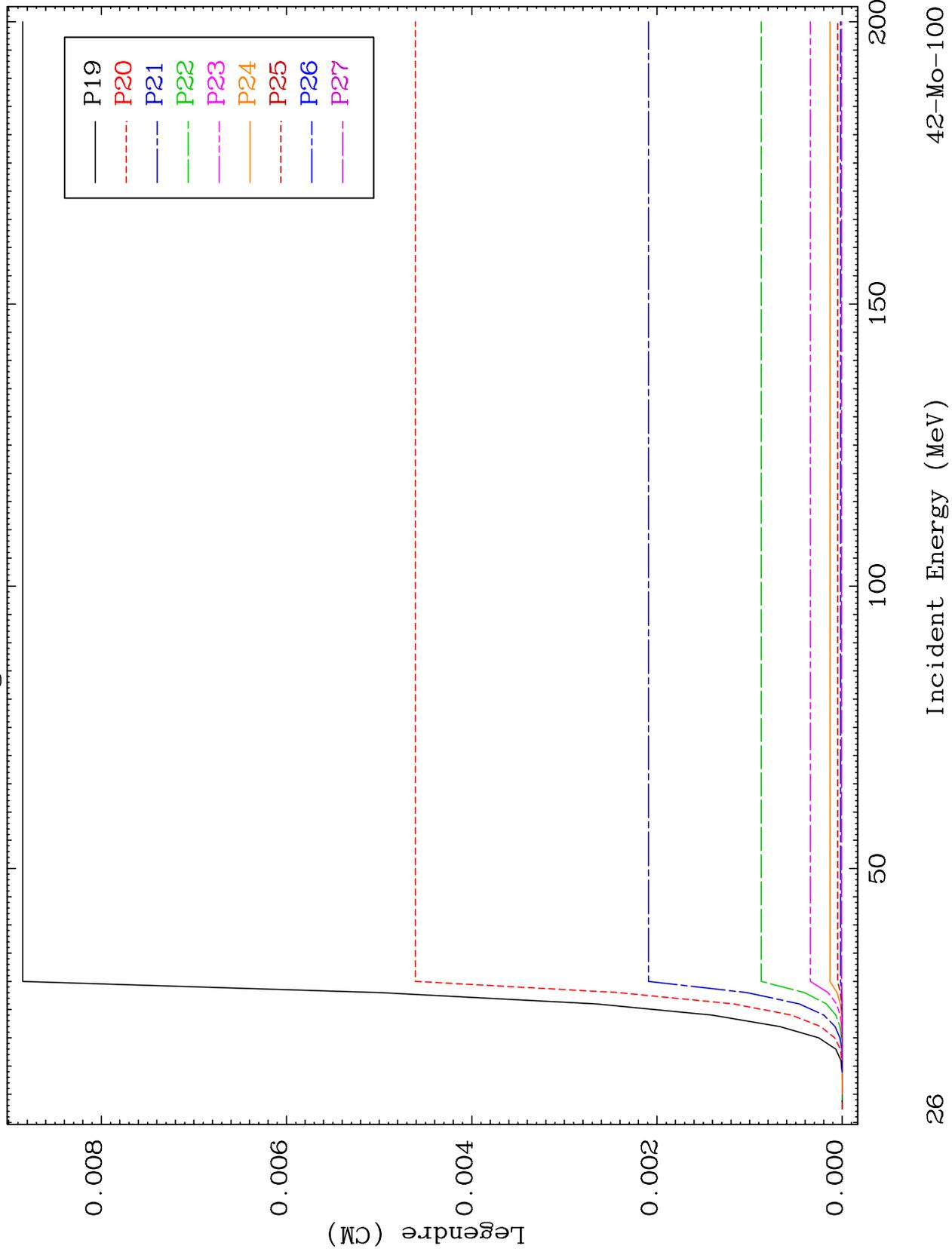
42-Mo-100



MAT 4249

MT= 52 (n,n') Level  
Legendre Coefficients

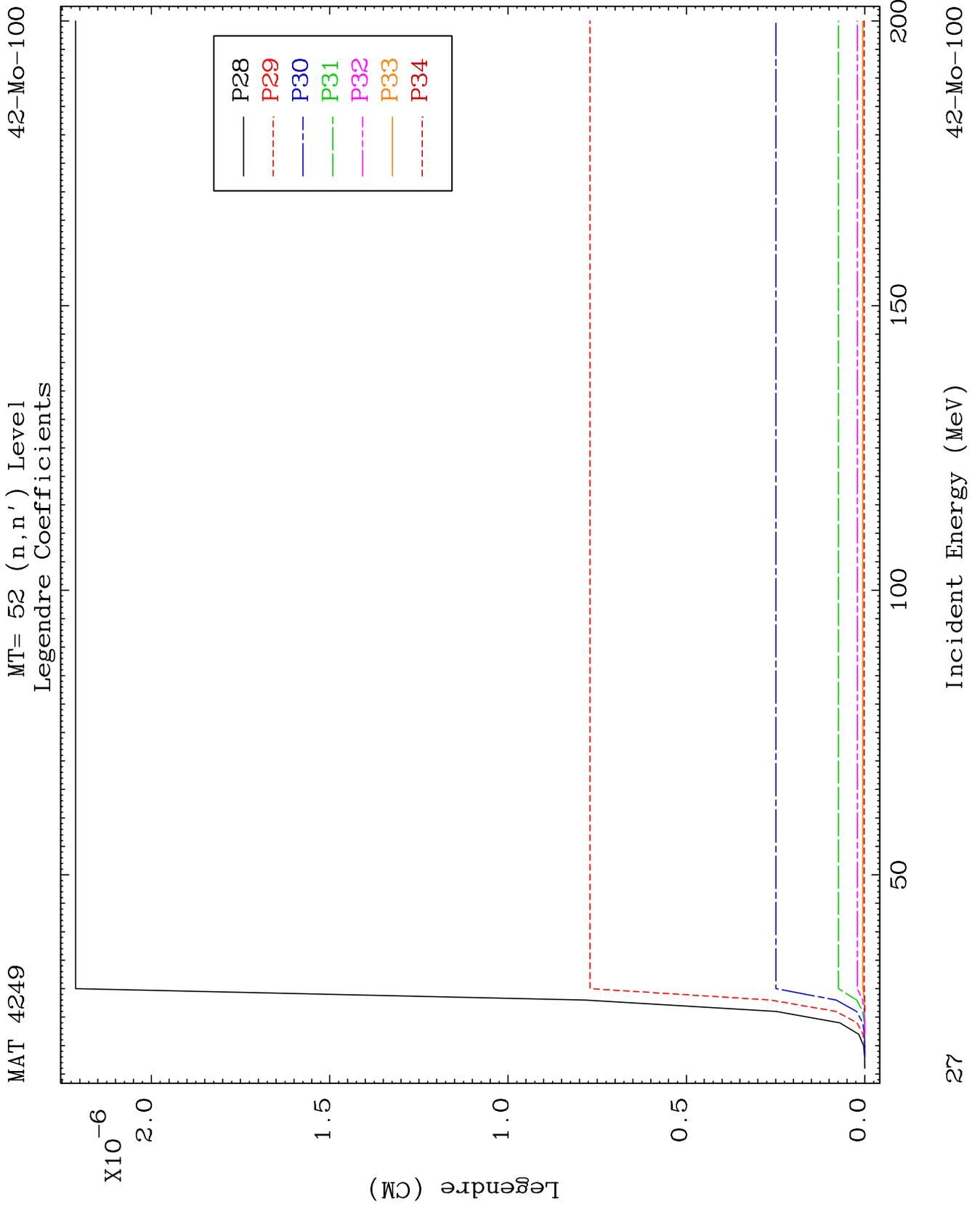
42-Mo-100



26

Incident Energy (MeV)

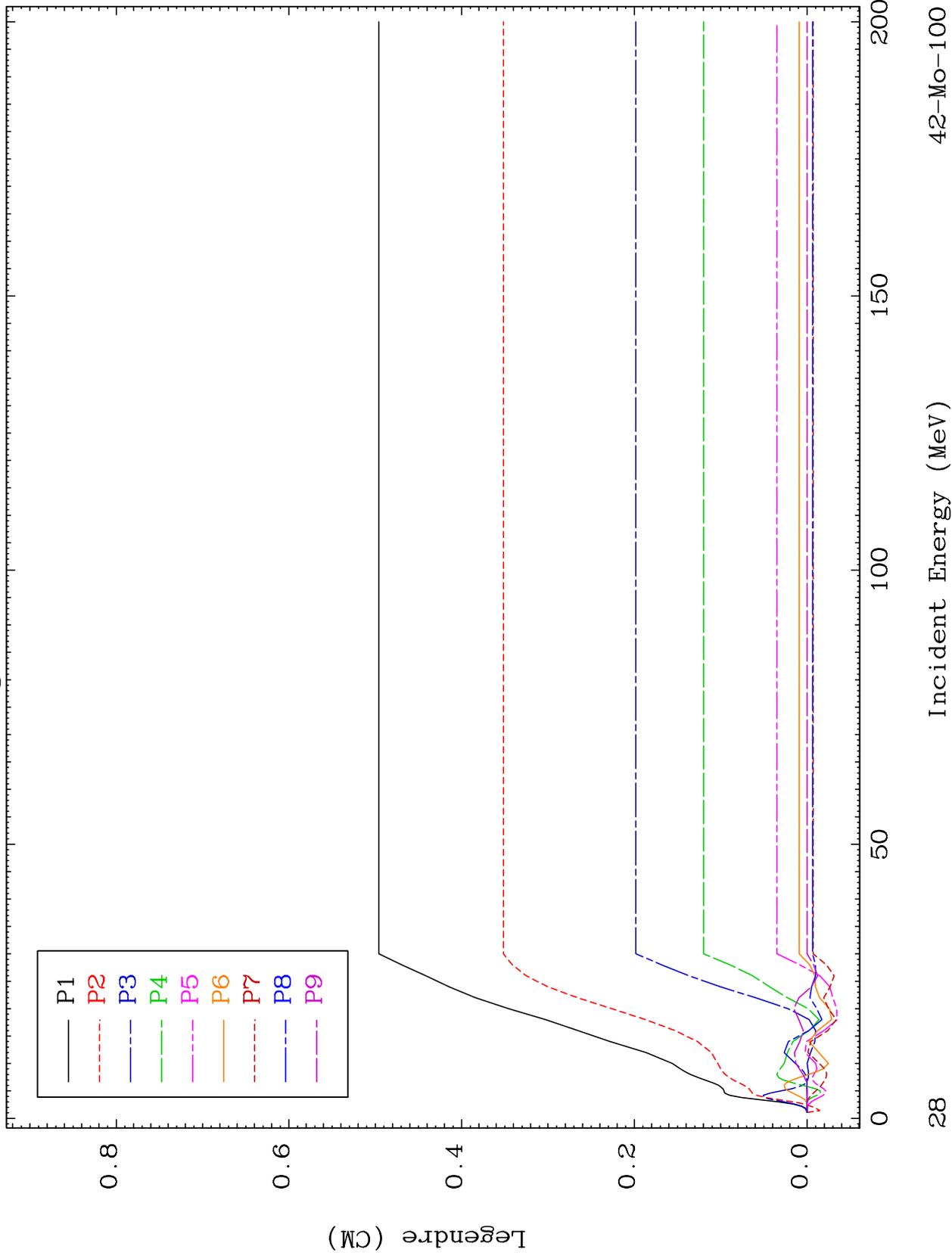
42-Mo-100



MAT 4249

MT= 53 (n,n') Level  
Legendre Coefficients

42-Mo-100

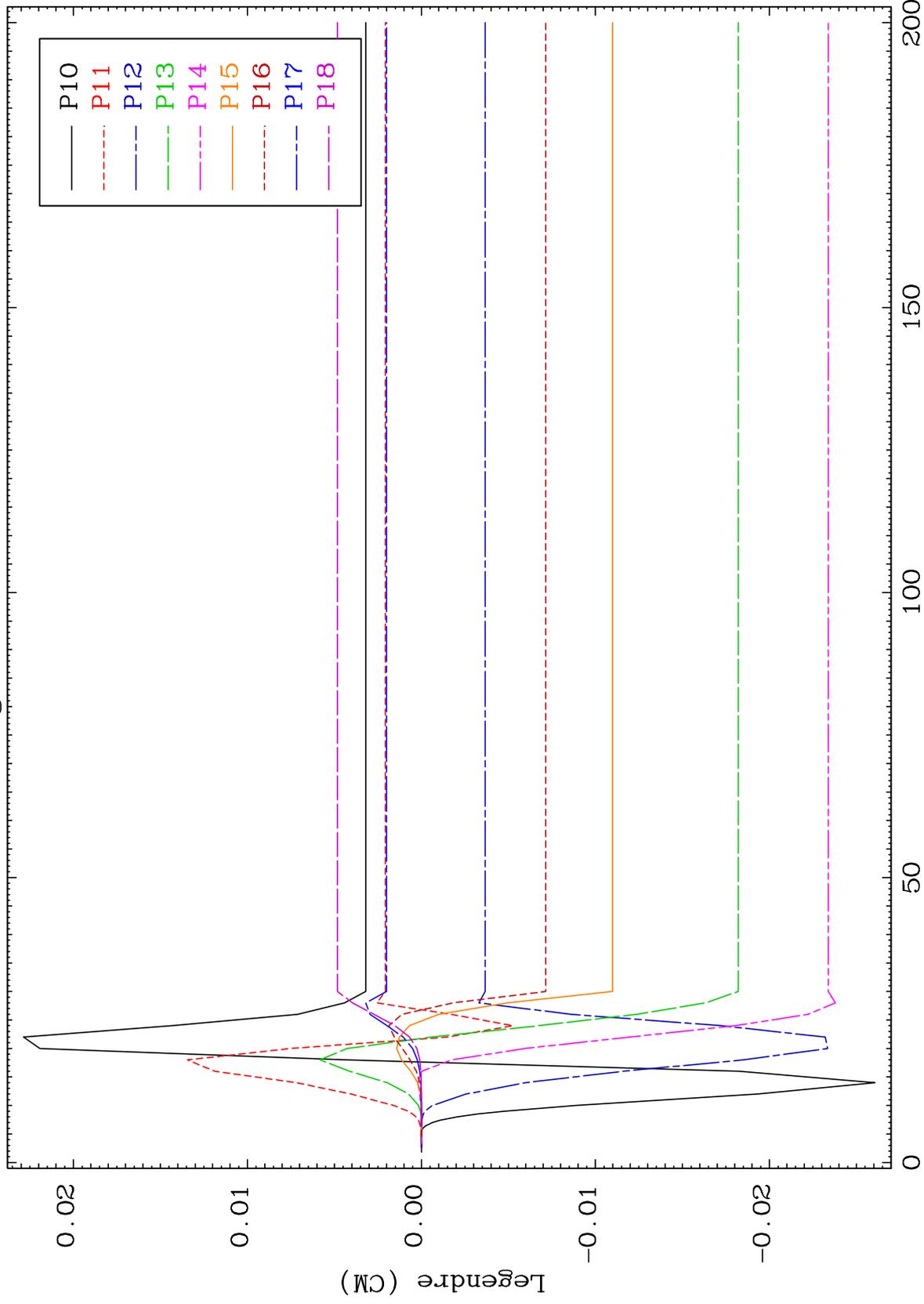


28

MAT 4249

MT= 53 (n,n') Level  
Legendre Coefficients

42-Mo-100



29

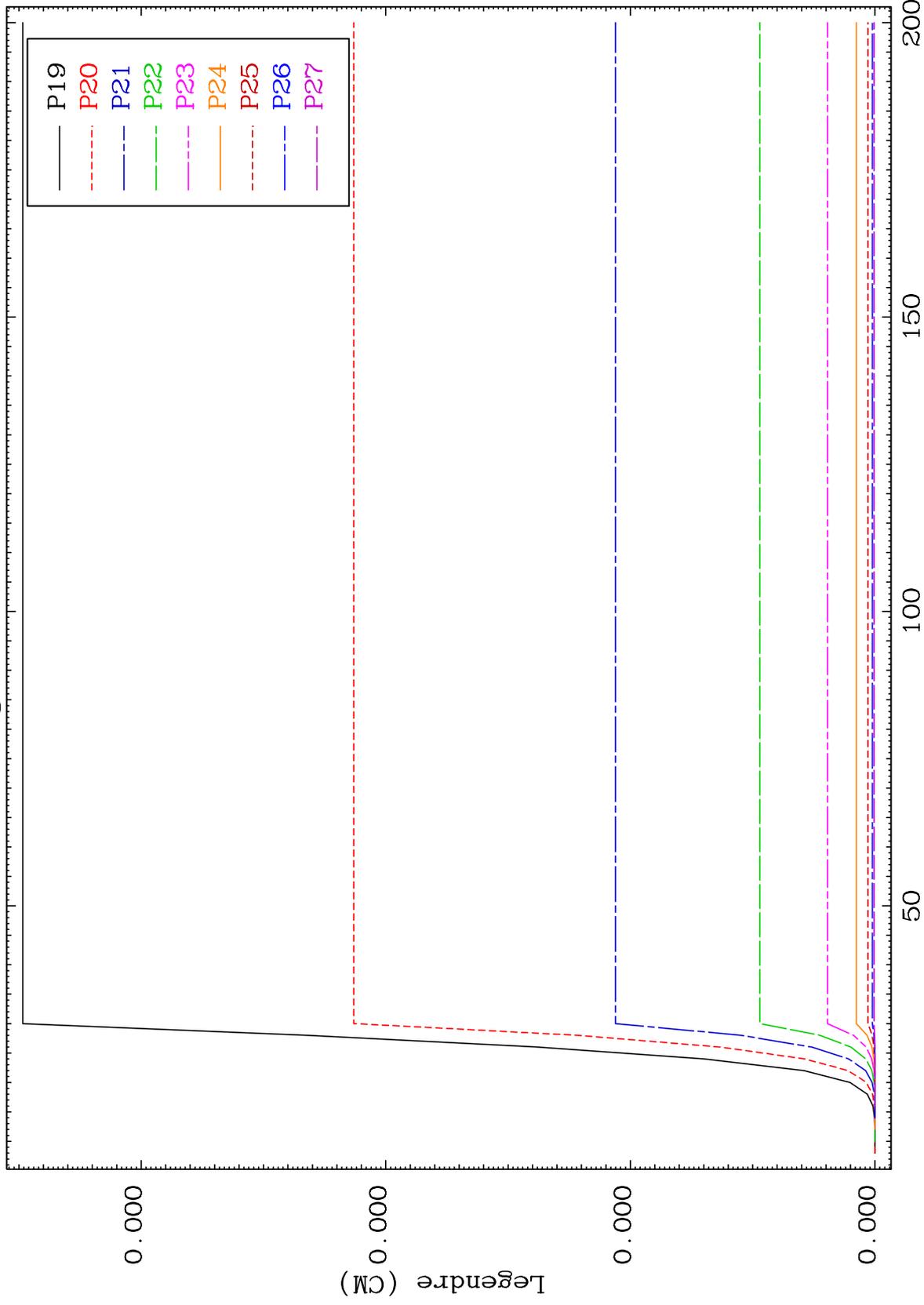
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 53 (n,n') Level  
Legendre Coefficients

42-Mo-100



30

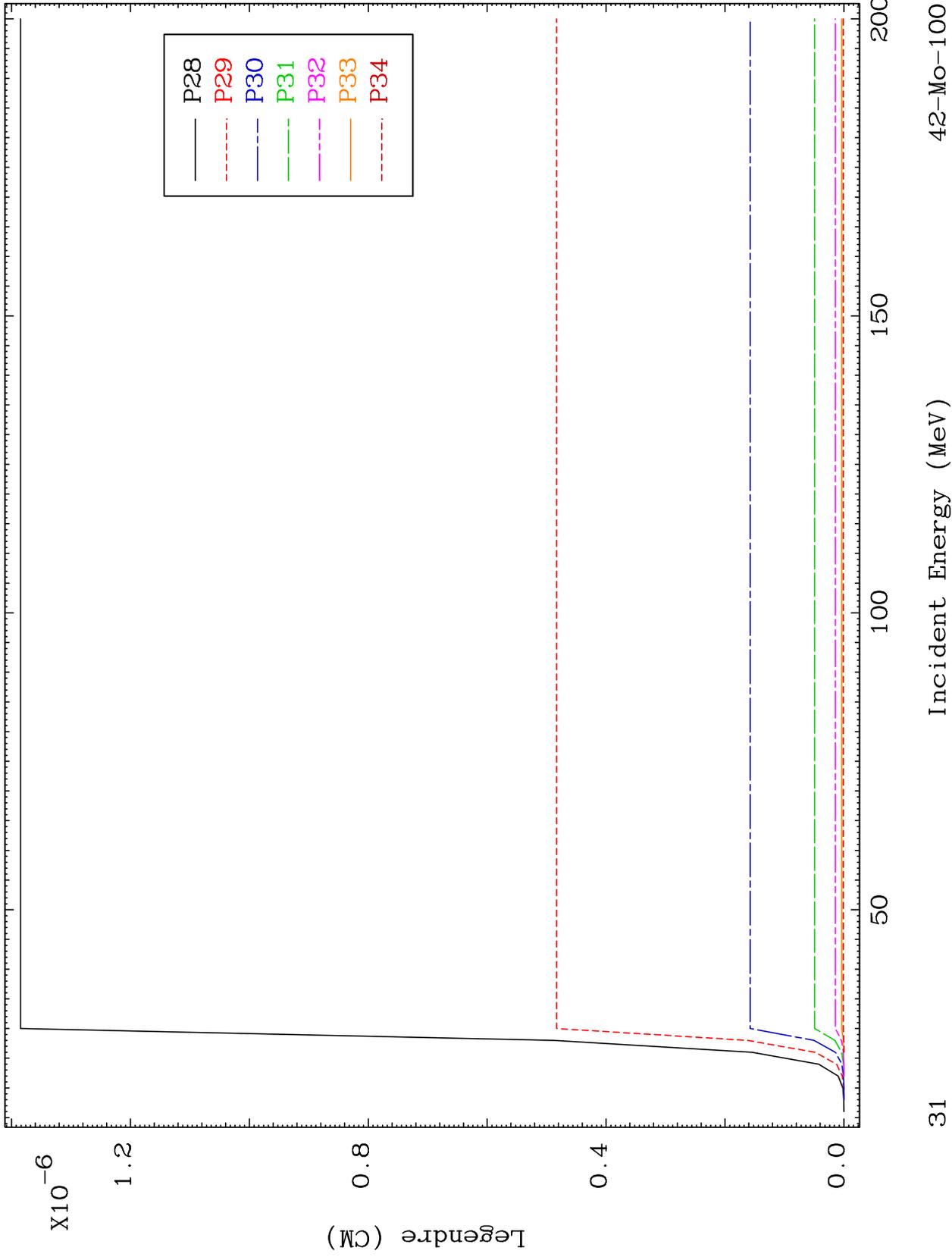
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 53 (n,n') Level  
Legendre Coefficients

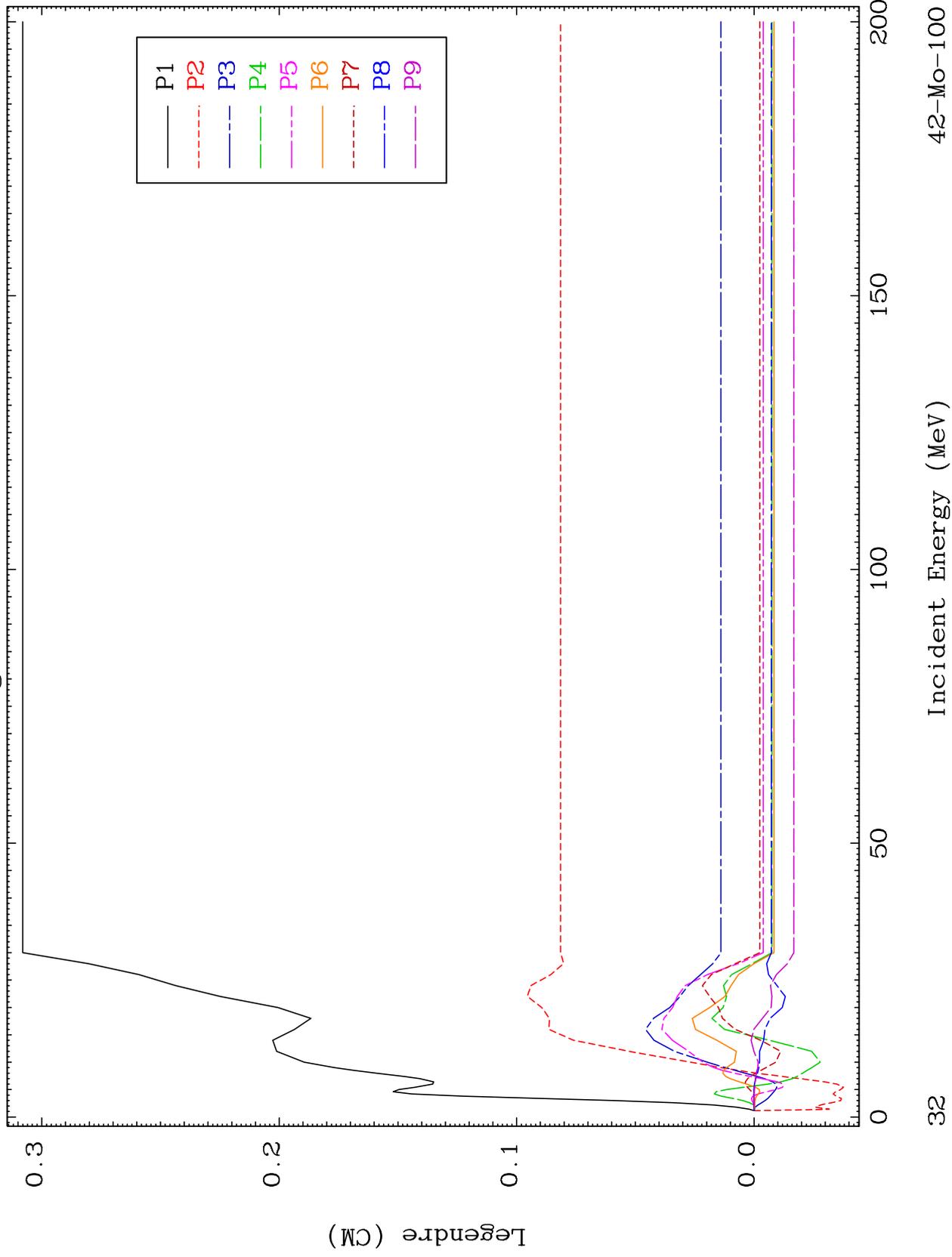
42-Mo-100



MAT 4249

MT= 54 (n,n') Level  
Legendre Coefficients

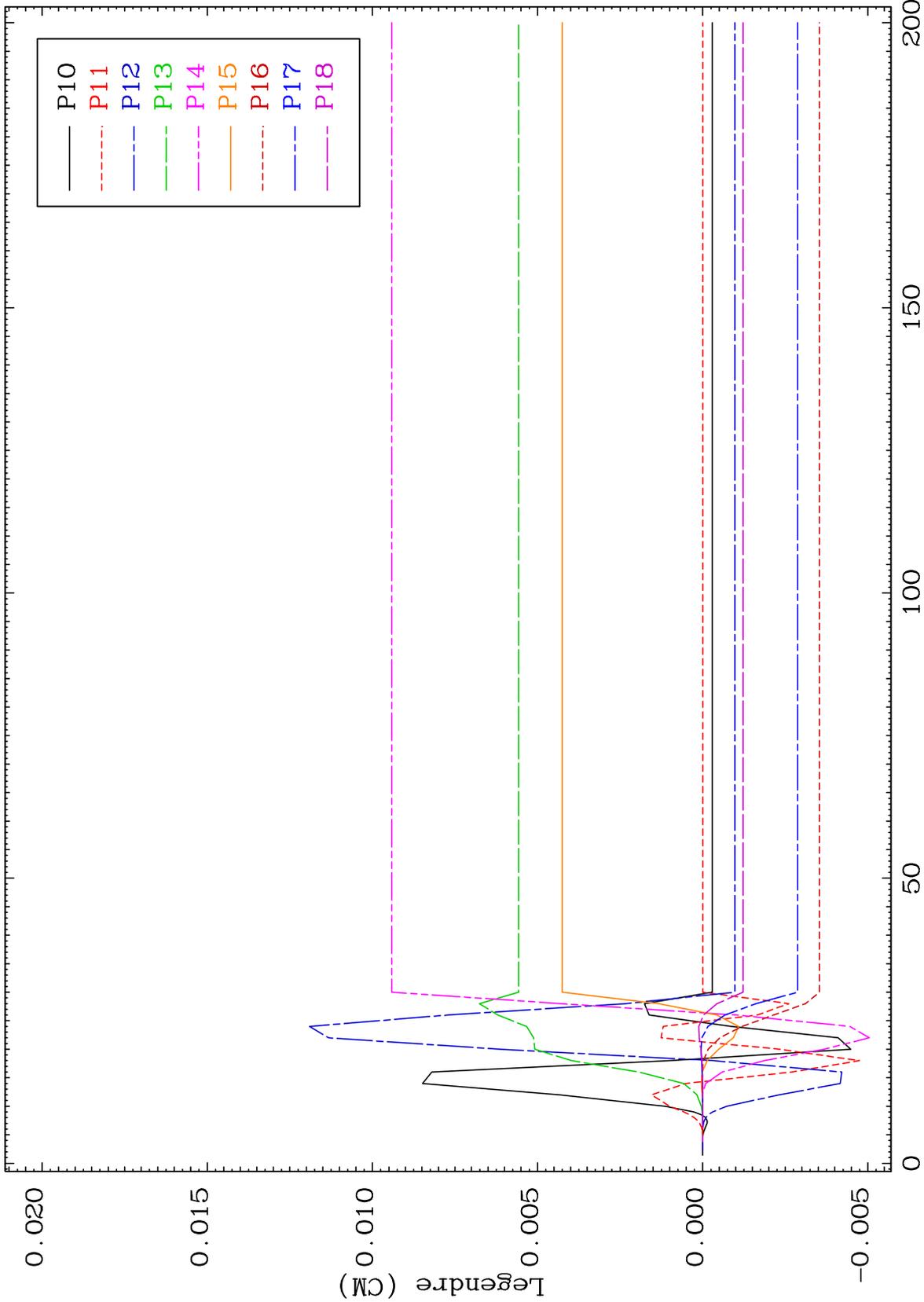
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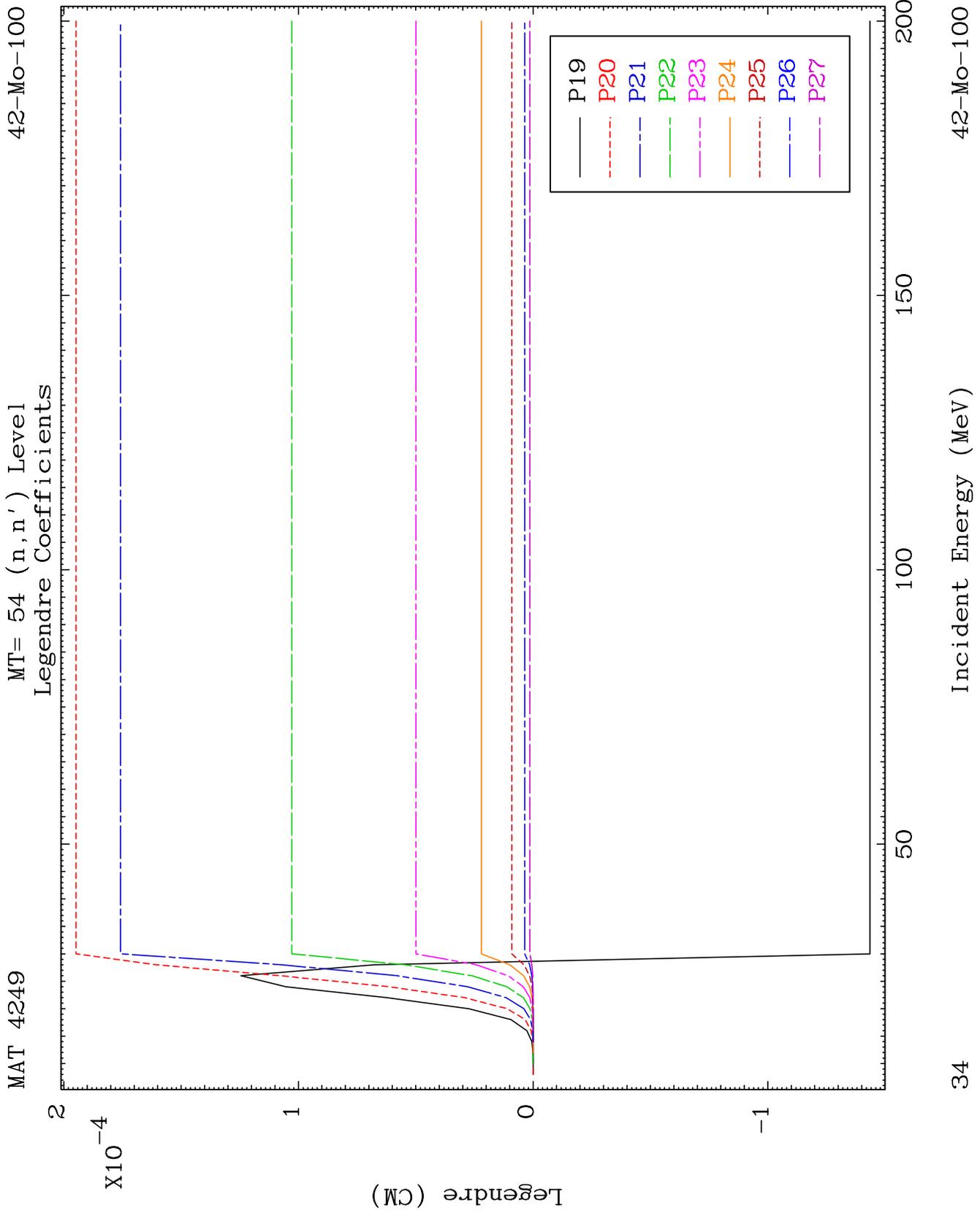


MAT 4249

MT= 54 (n,n') Level  
Legendre Coefficients

42-Mo-100

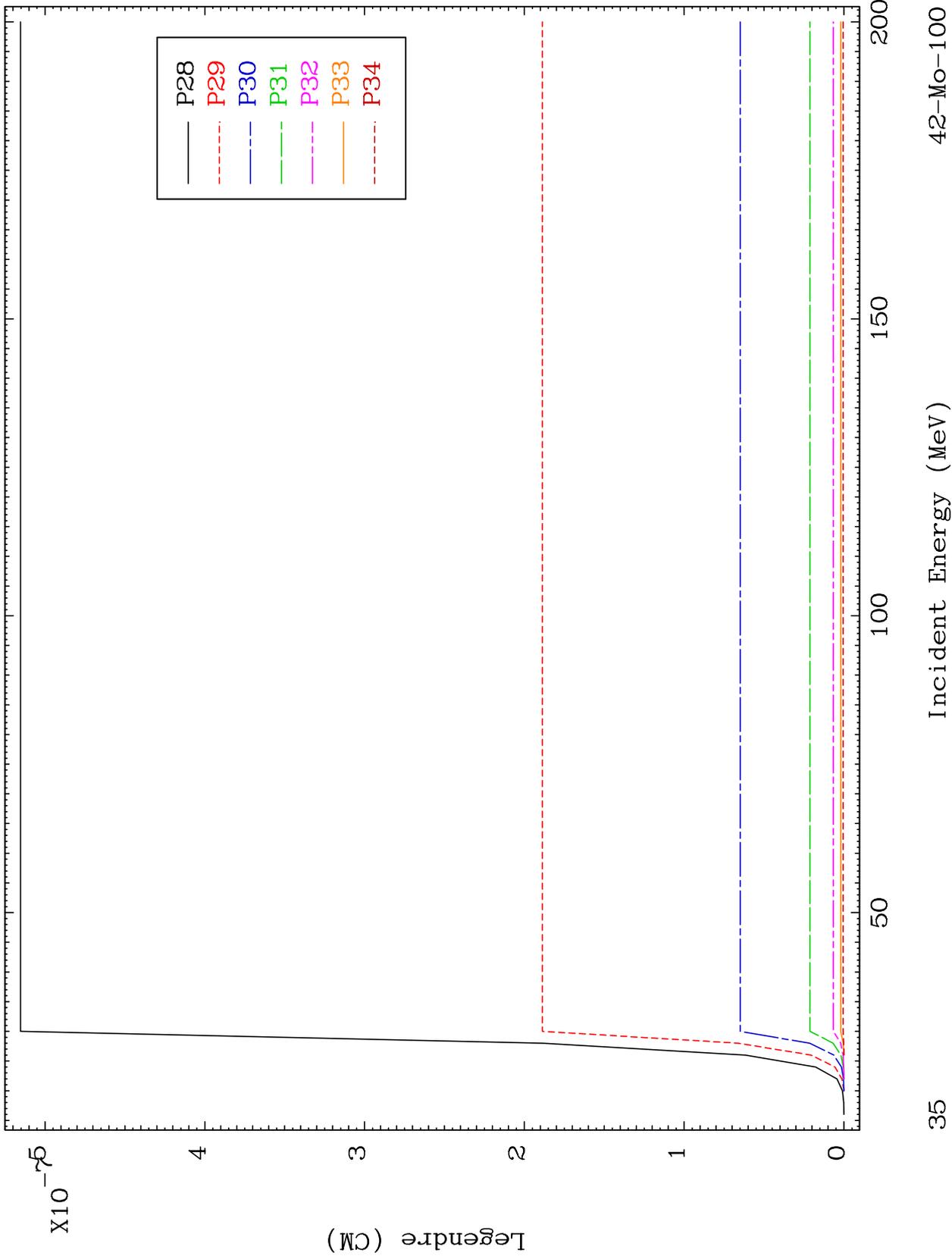




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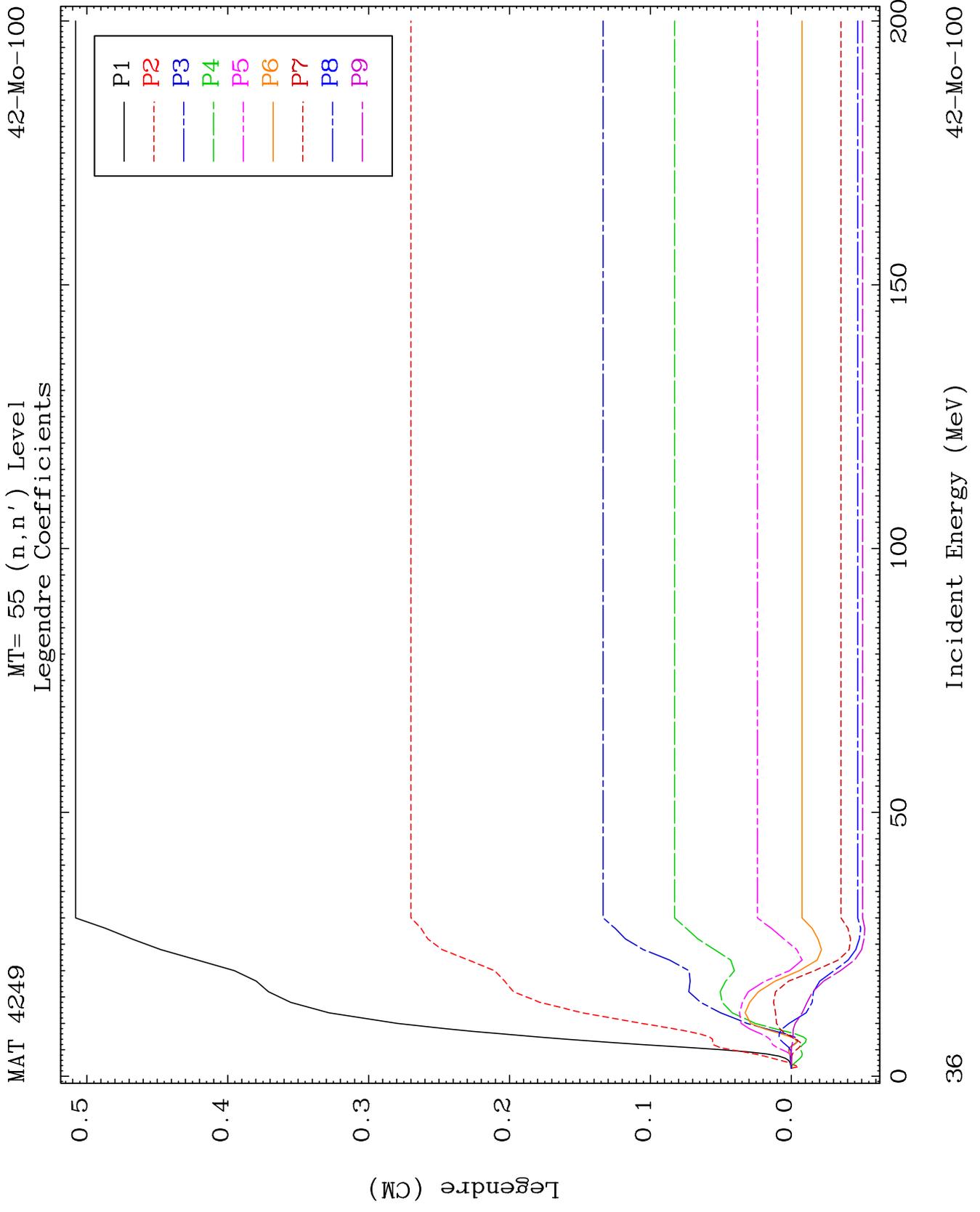
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35

Incident Energy (MeV)

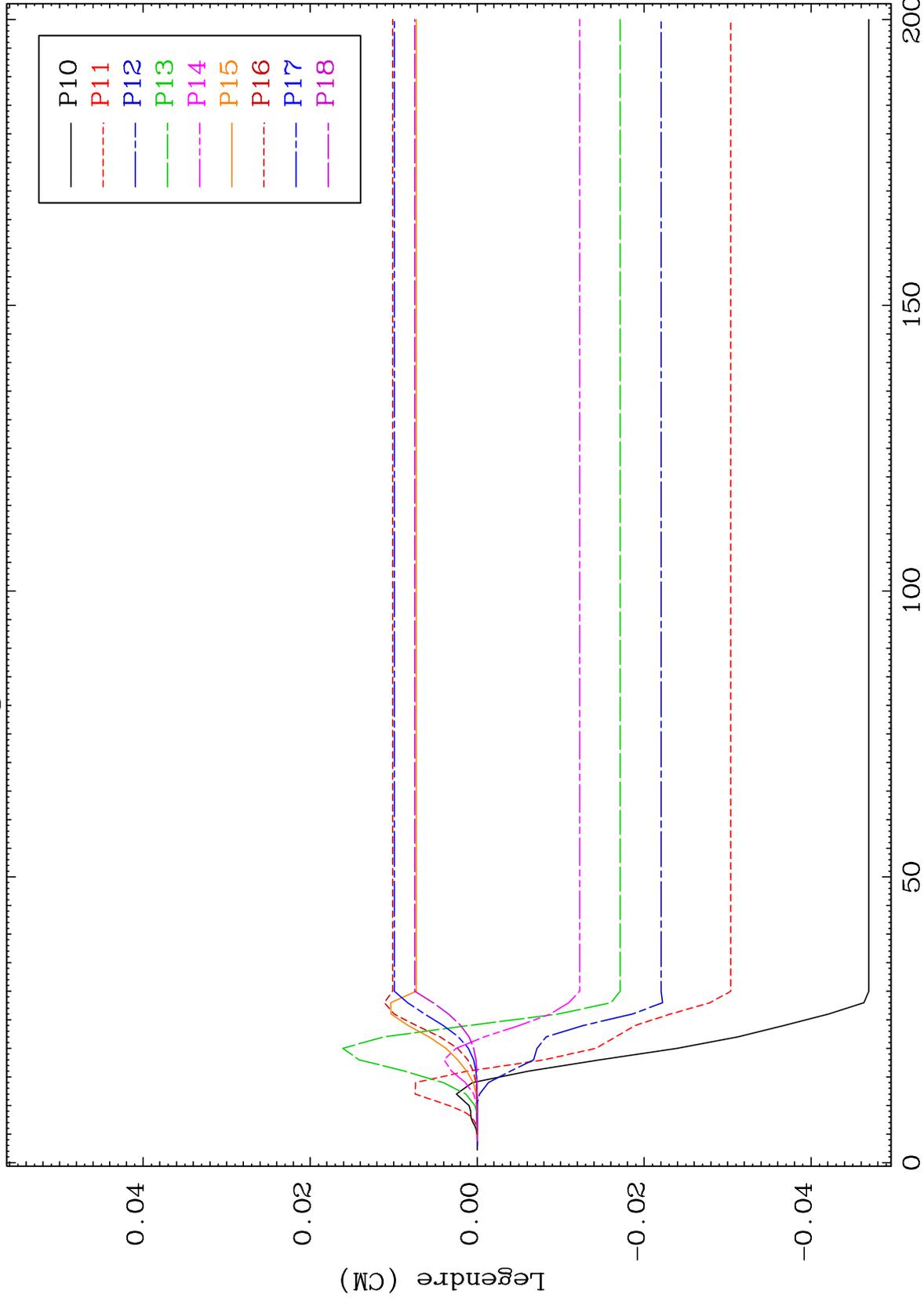
42-Mo-100



MAT 4249

MT= 55 (n,n') Level  
Legendre Coefficients

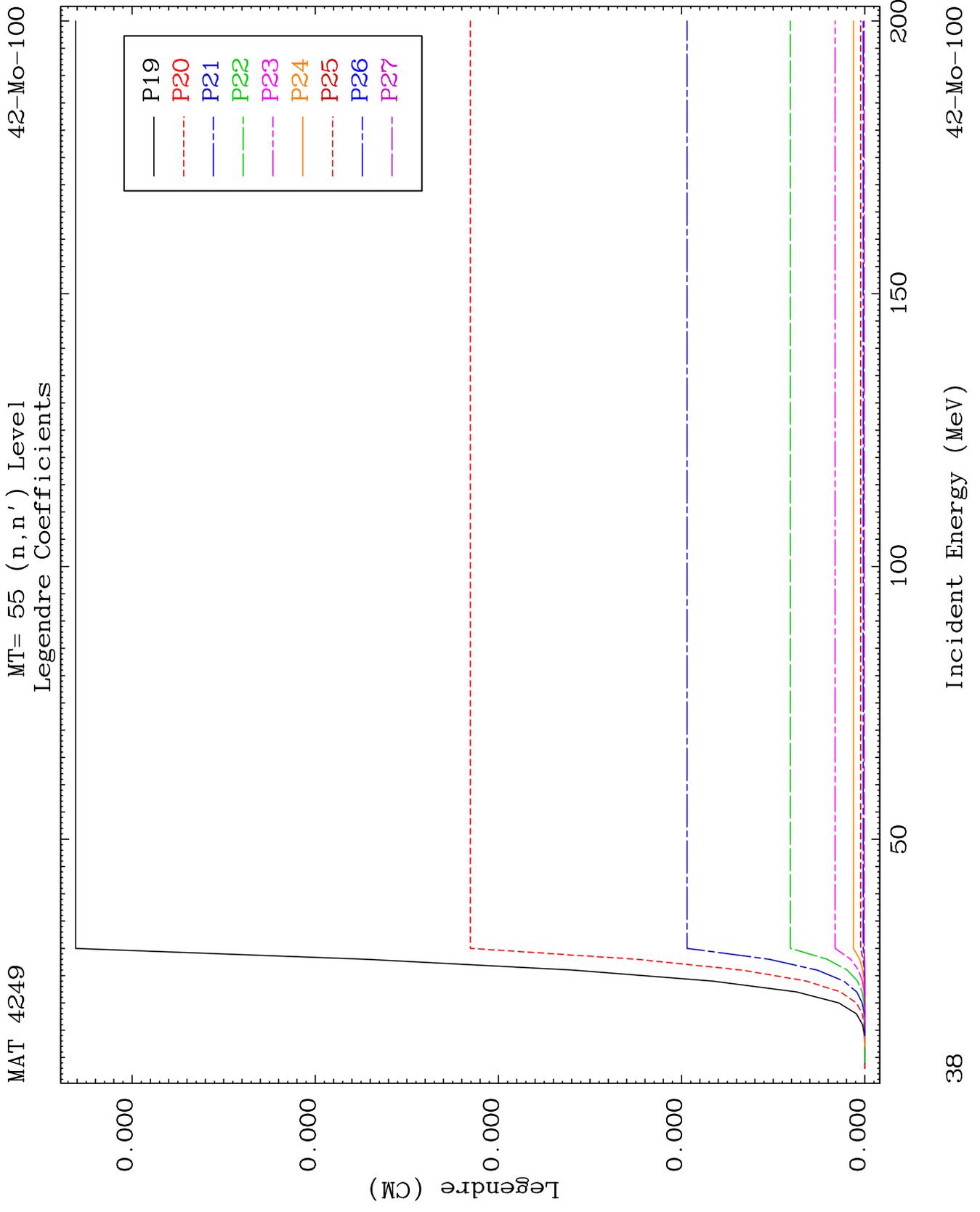
42-Mo-100



37

Incident Energy (MeV)

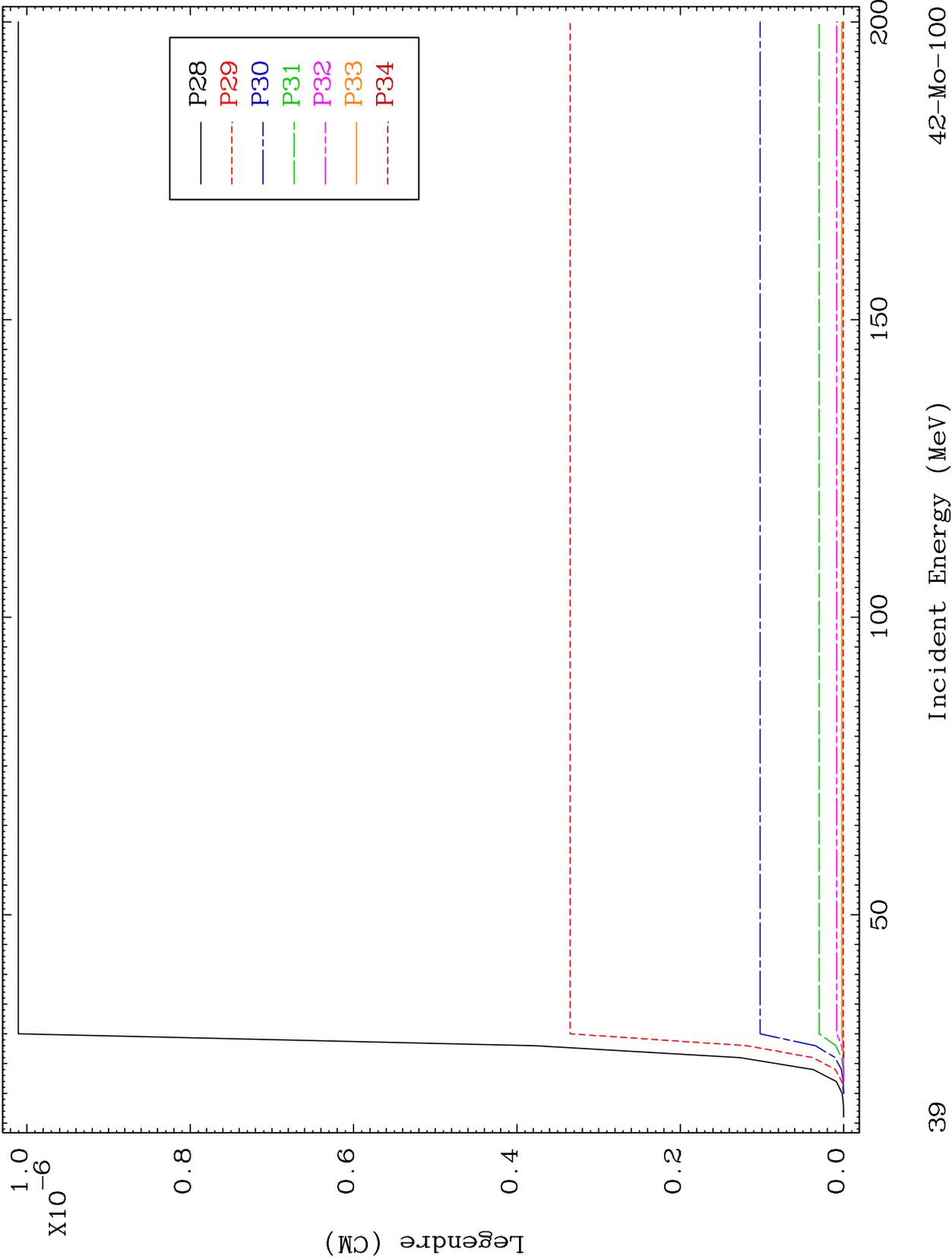
42-Mo-100



MAT 4249

MT= 55 (n,n') Level  
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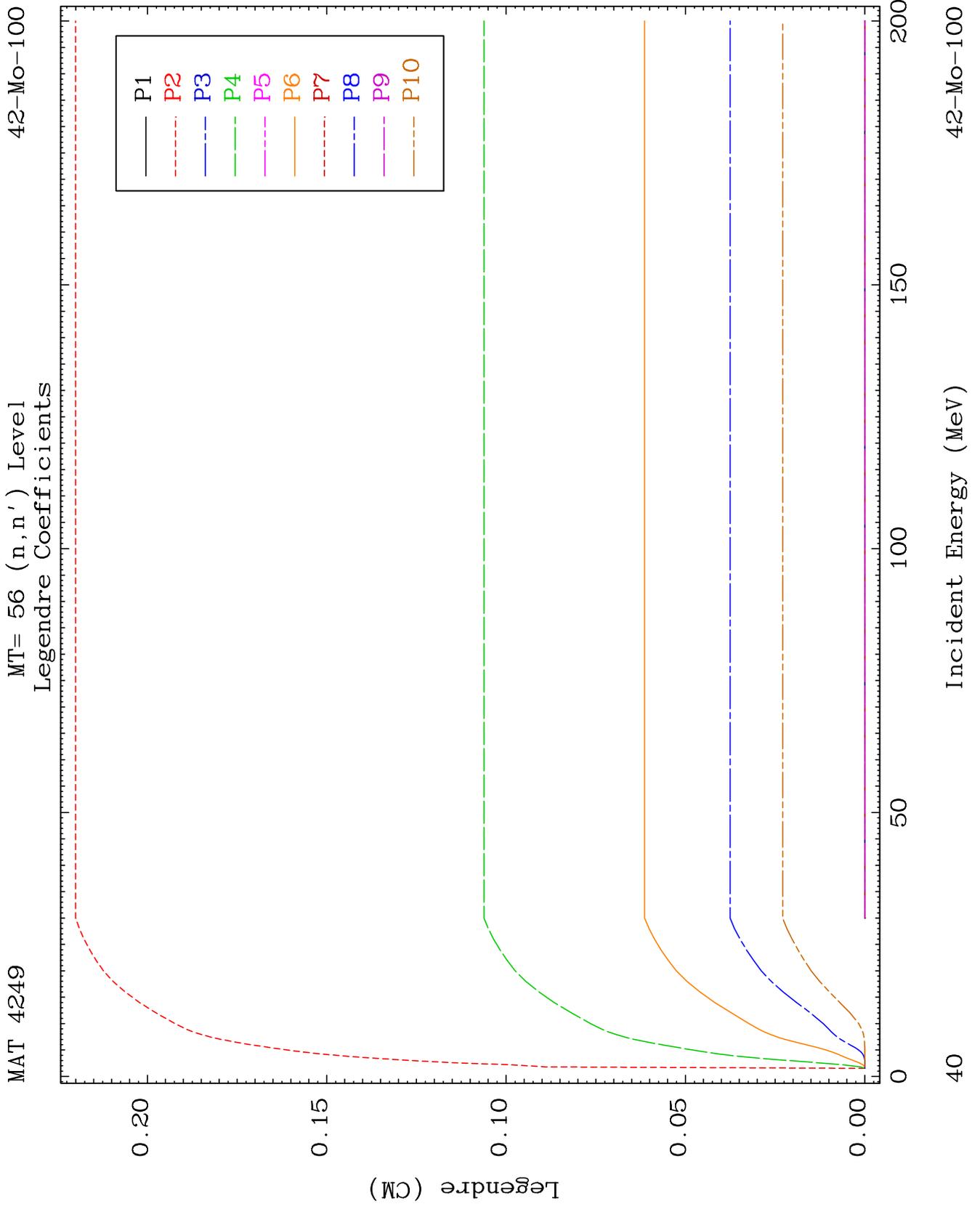
42-Mo-100



39

Incident Energy (MeV)

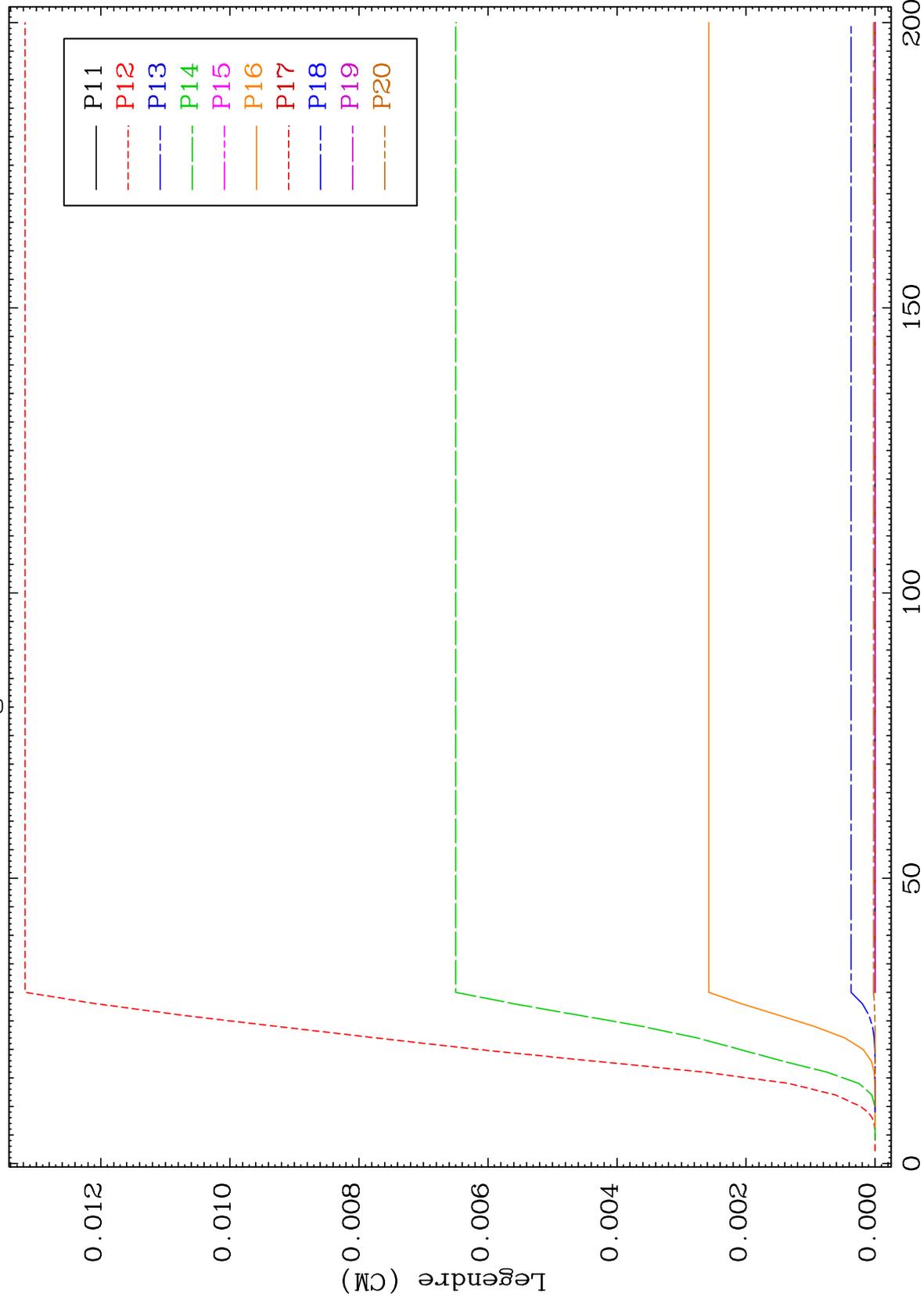
42-Mo-100



MAT 4249

MT= 56 (n,n') Level  
Legendre Coefficients

42-Mo-100

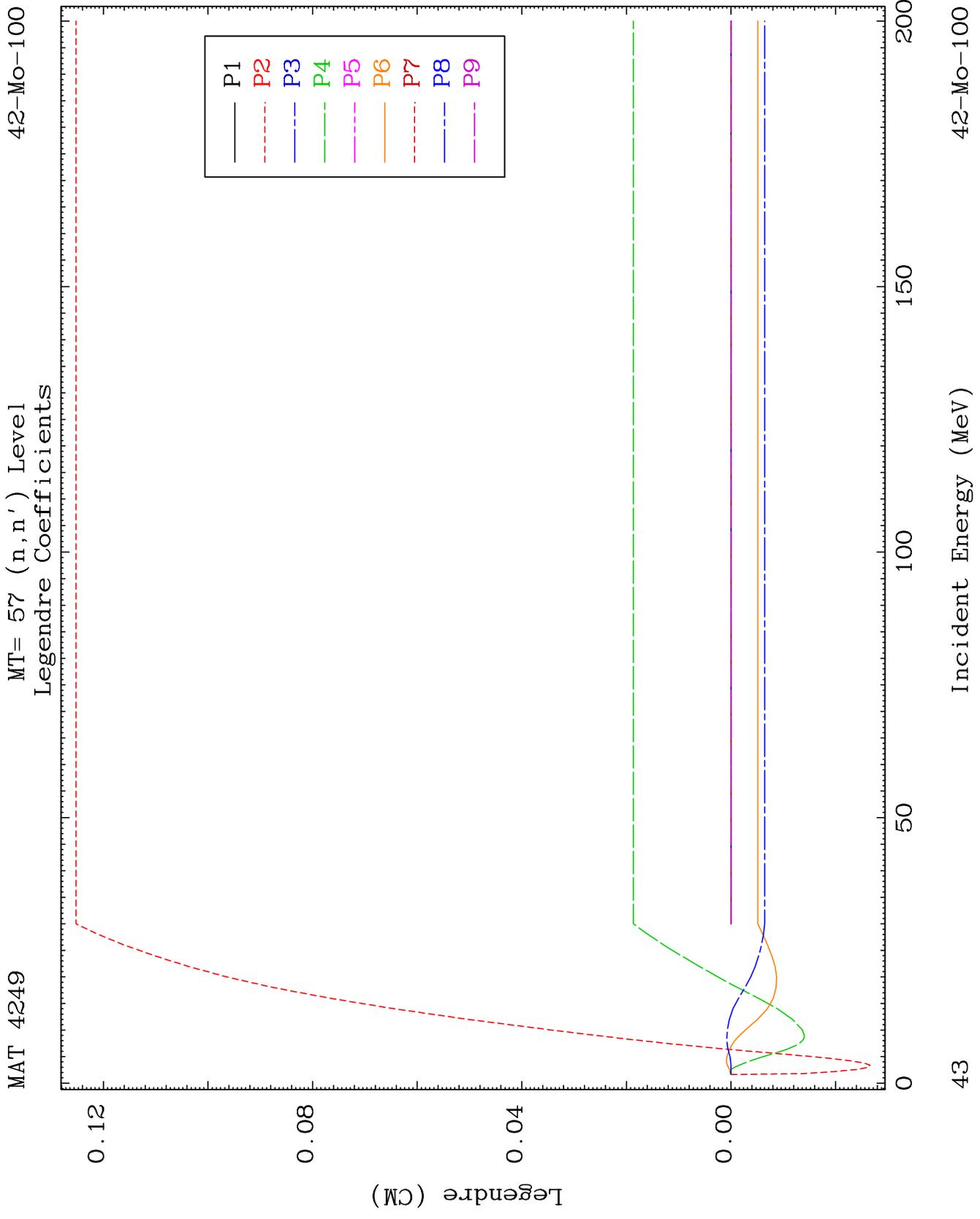


41

Incident Energy (MeV)

42-Mo-100

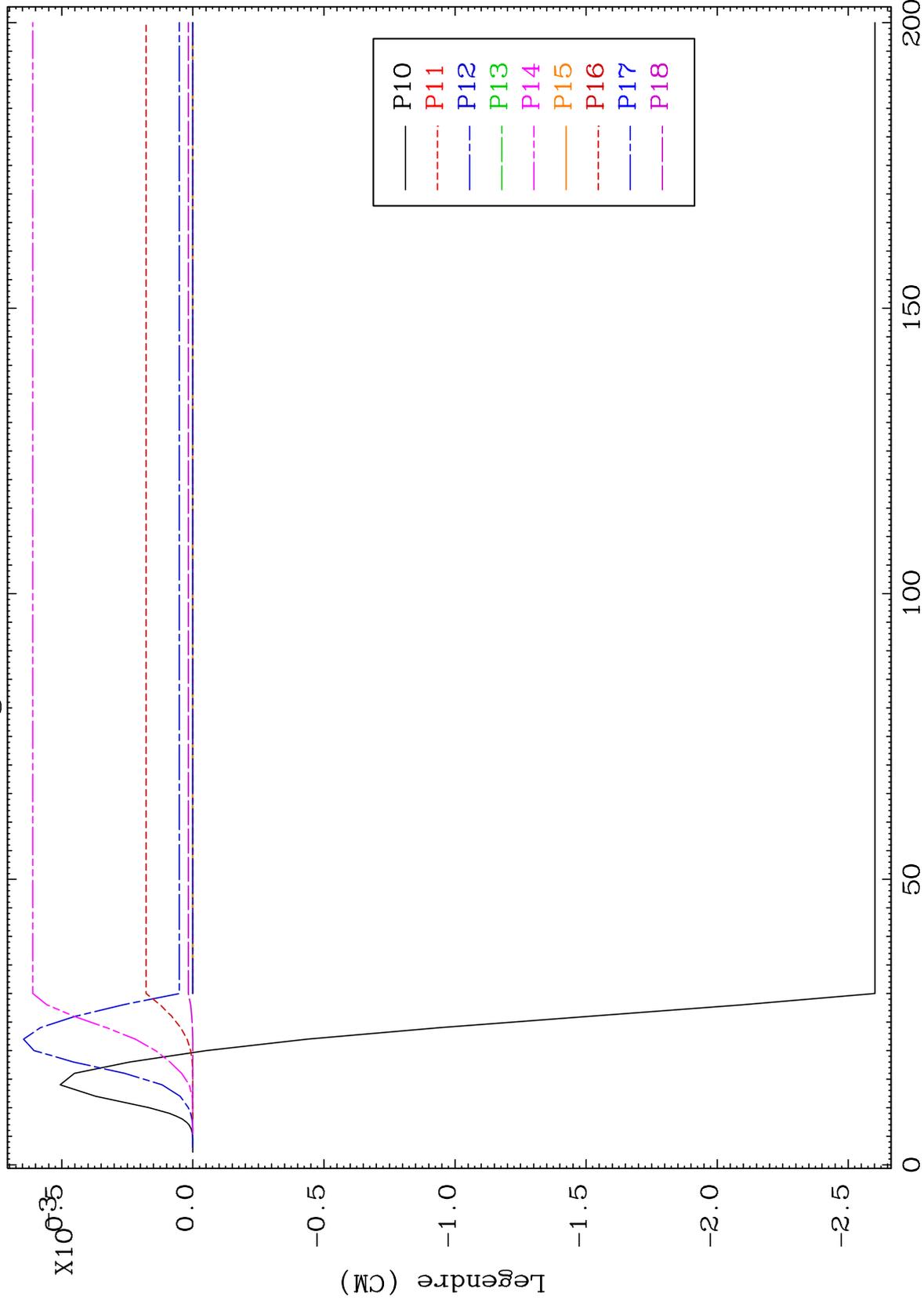




MAT 4249

MT= 57 (n,n') Level  
Legendre Coefficients

42-Mo-100



44

Incident Energy (MeV)

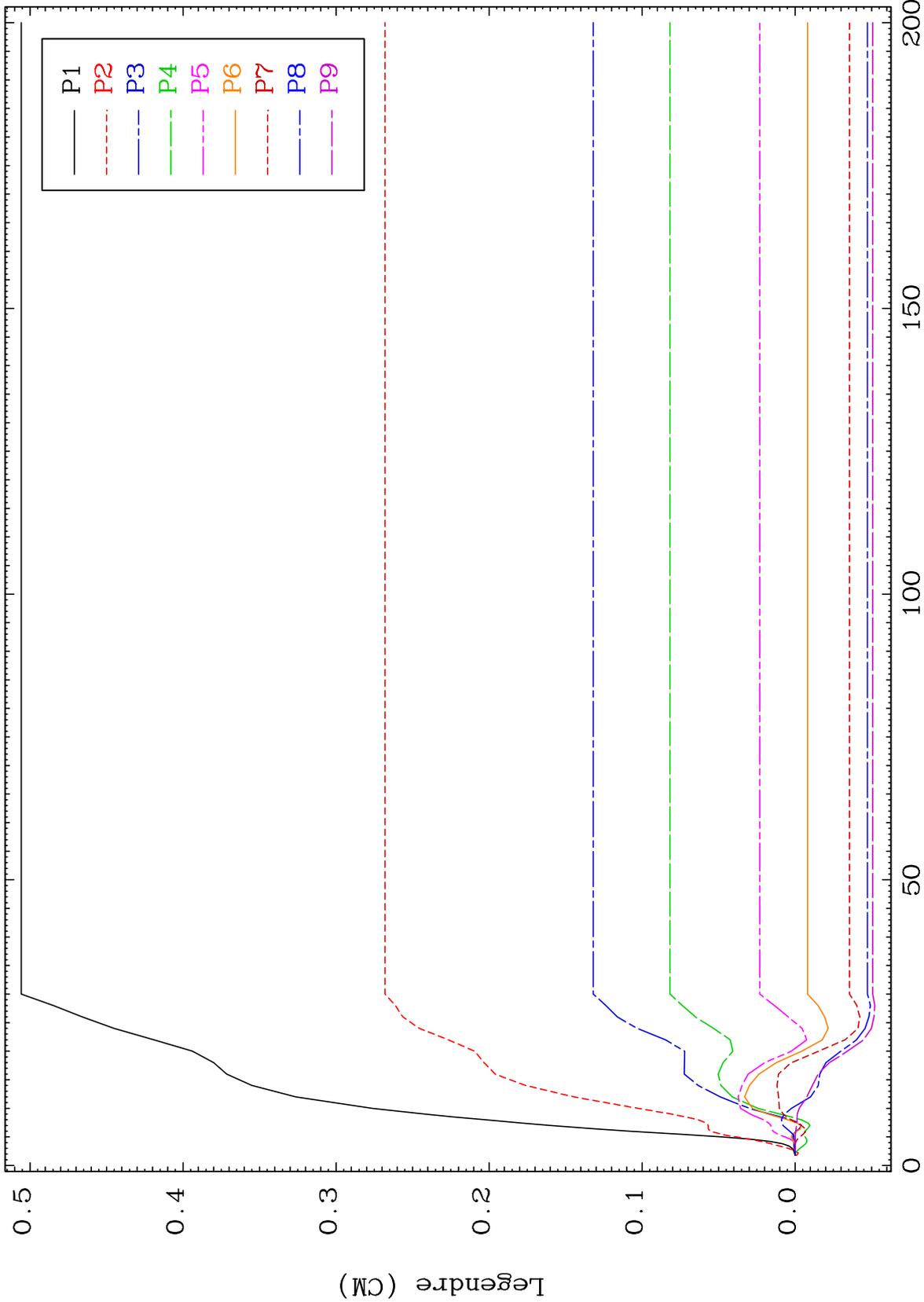
42-Mo-100



MAT 4249

MT= 58 (n,n') Level  
Legendre Coefficients

42-Mo-100



46

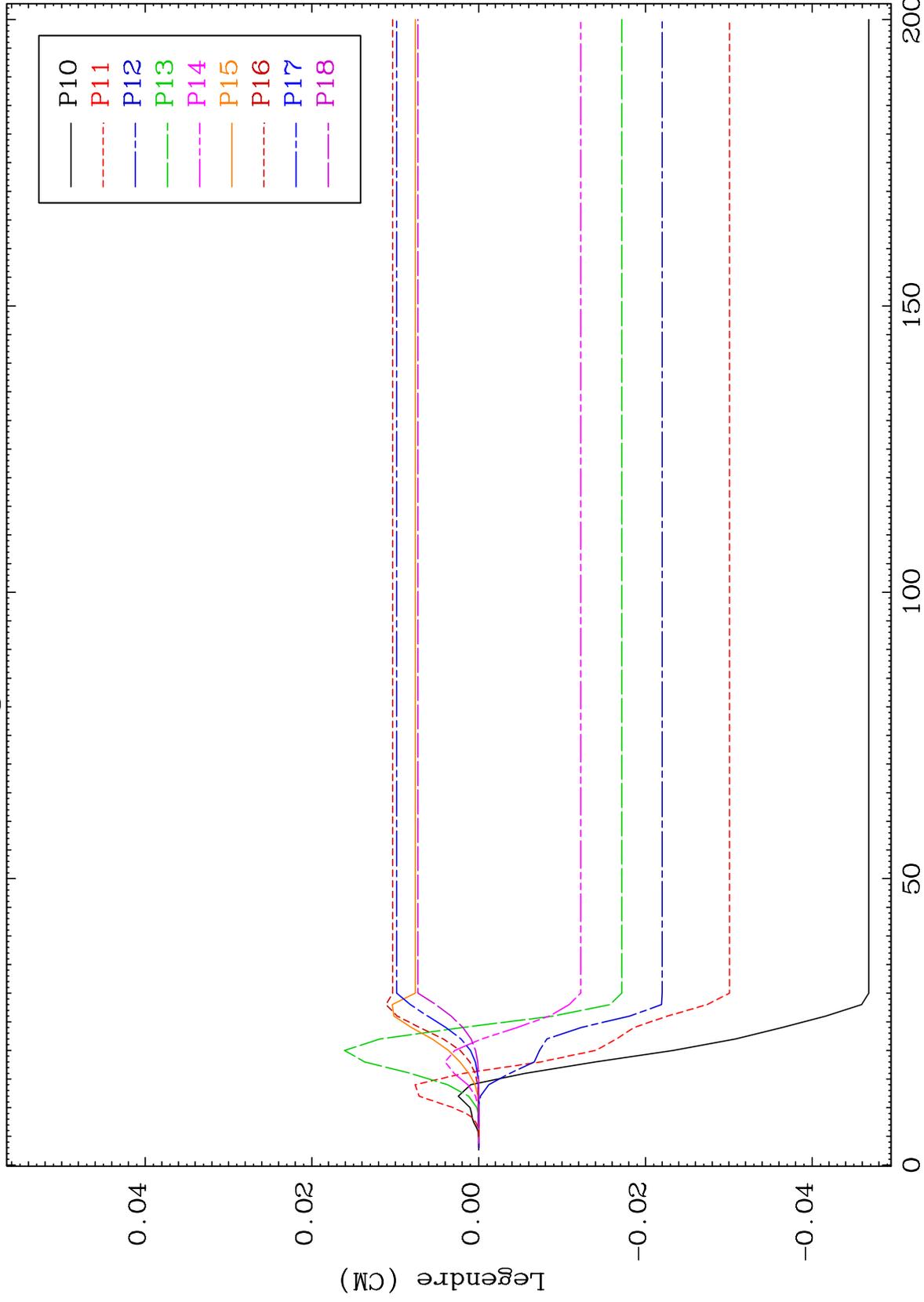
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 58 (n,n') Level  
Legendre Coefficients

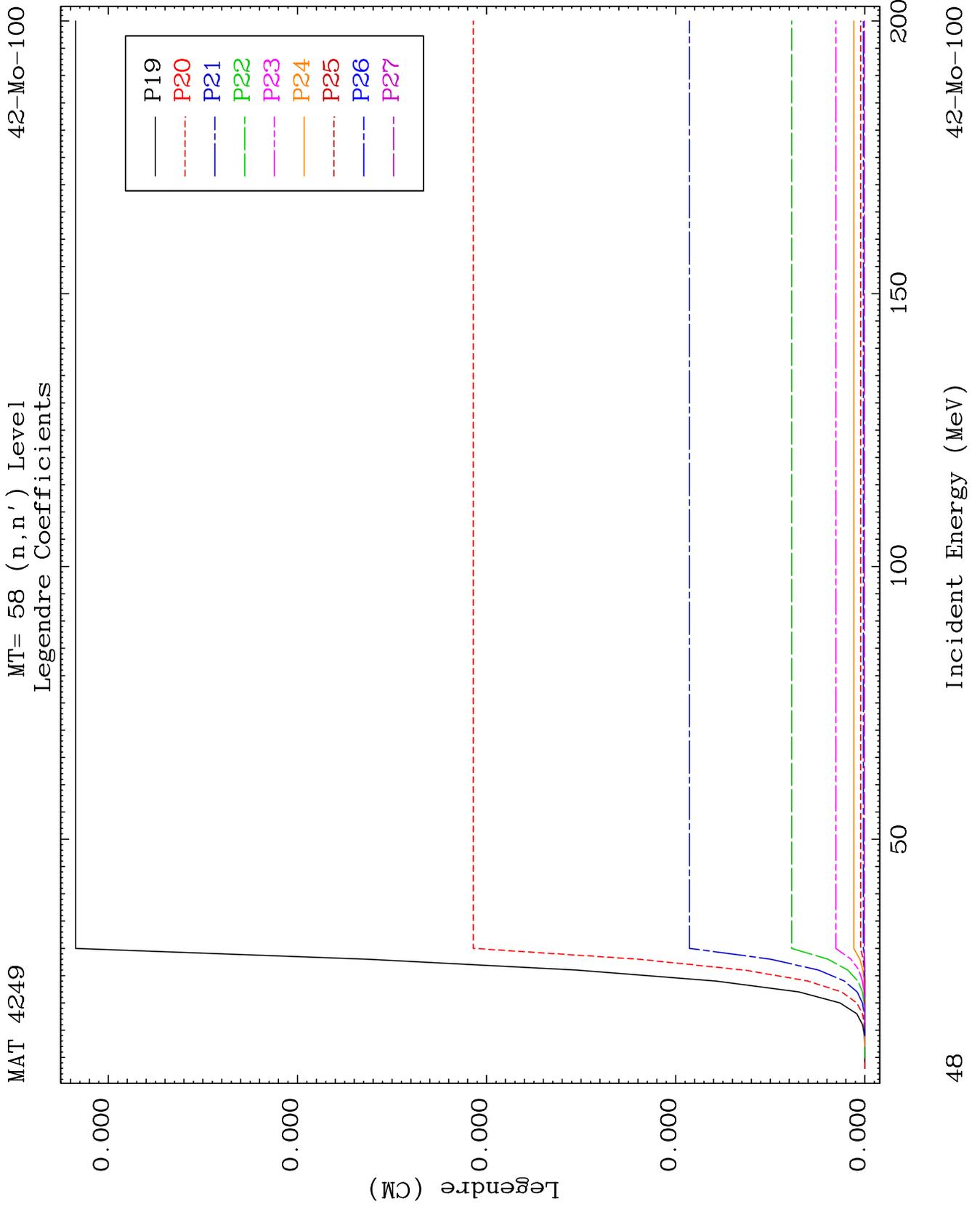
42-Mo-100



47

Incident Energy (MeV)

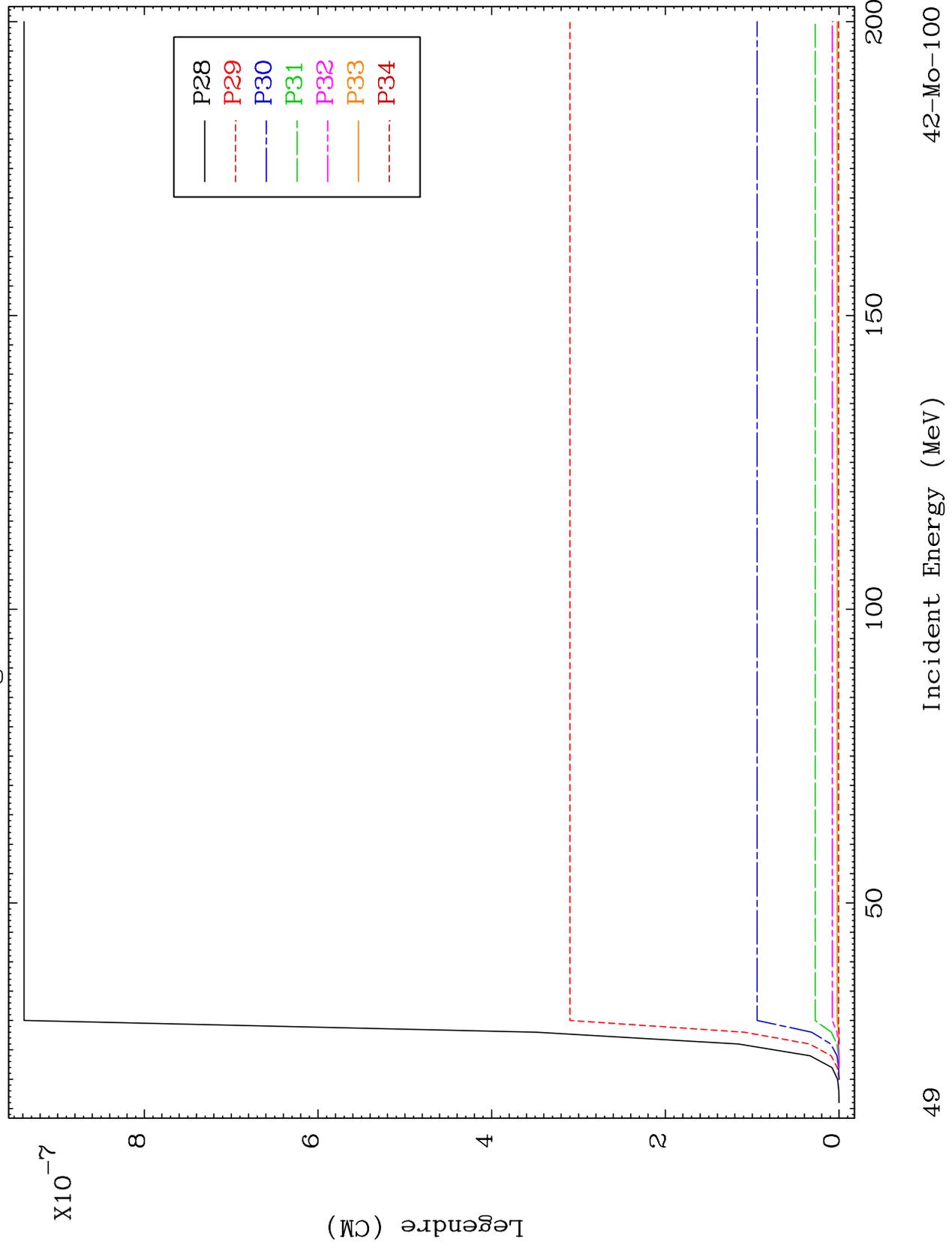
42-Mo-100



MAT 4249

MT= 58 (n,n') Level  
Legendre Coefficients

42-Mo-100



49

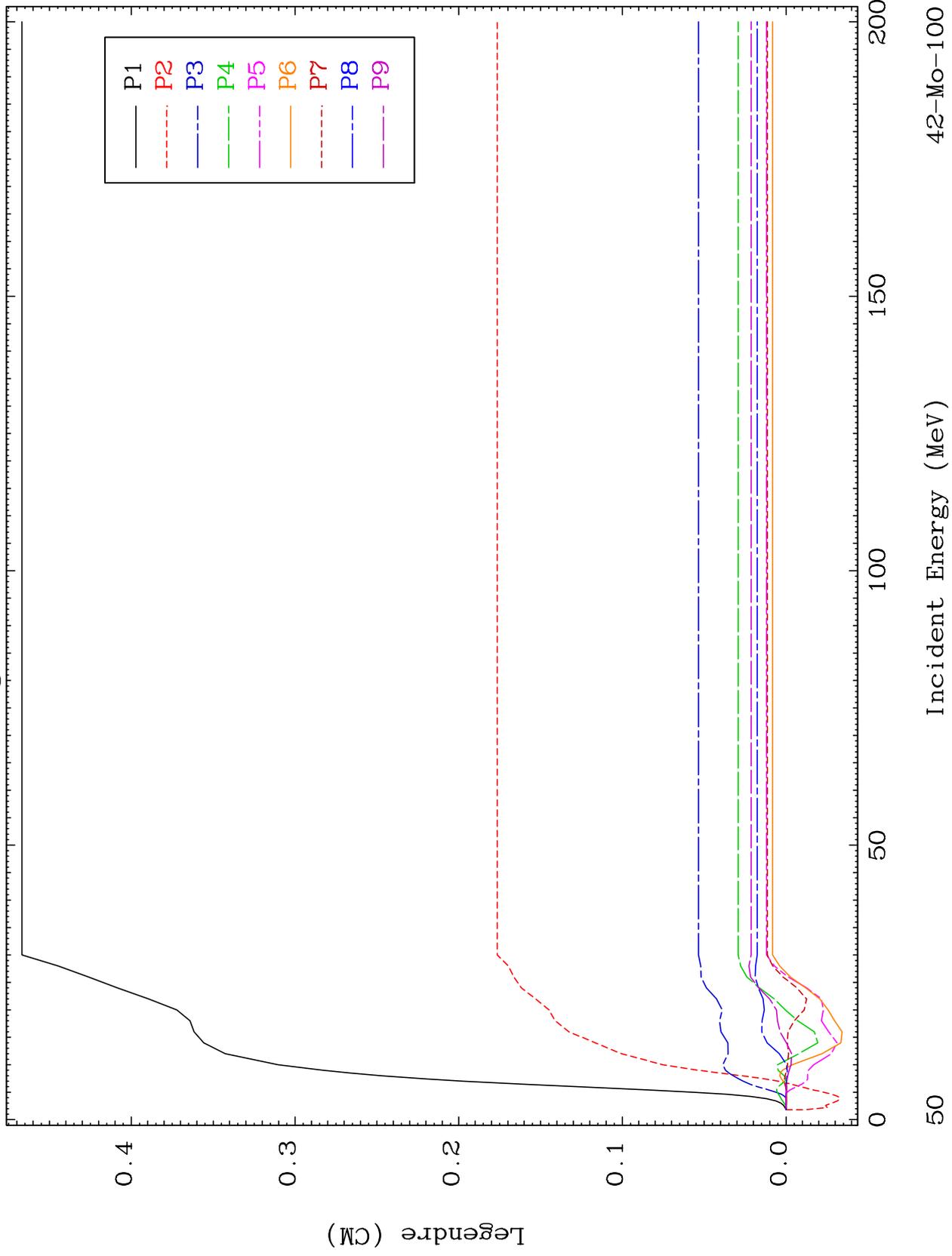
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 59 (n,n') Level  
Legendre Coefficients

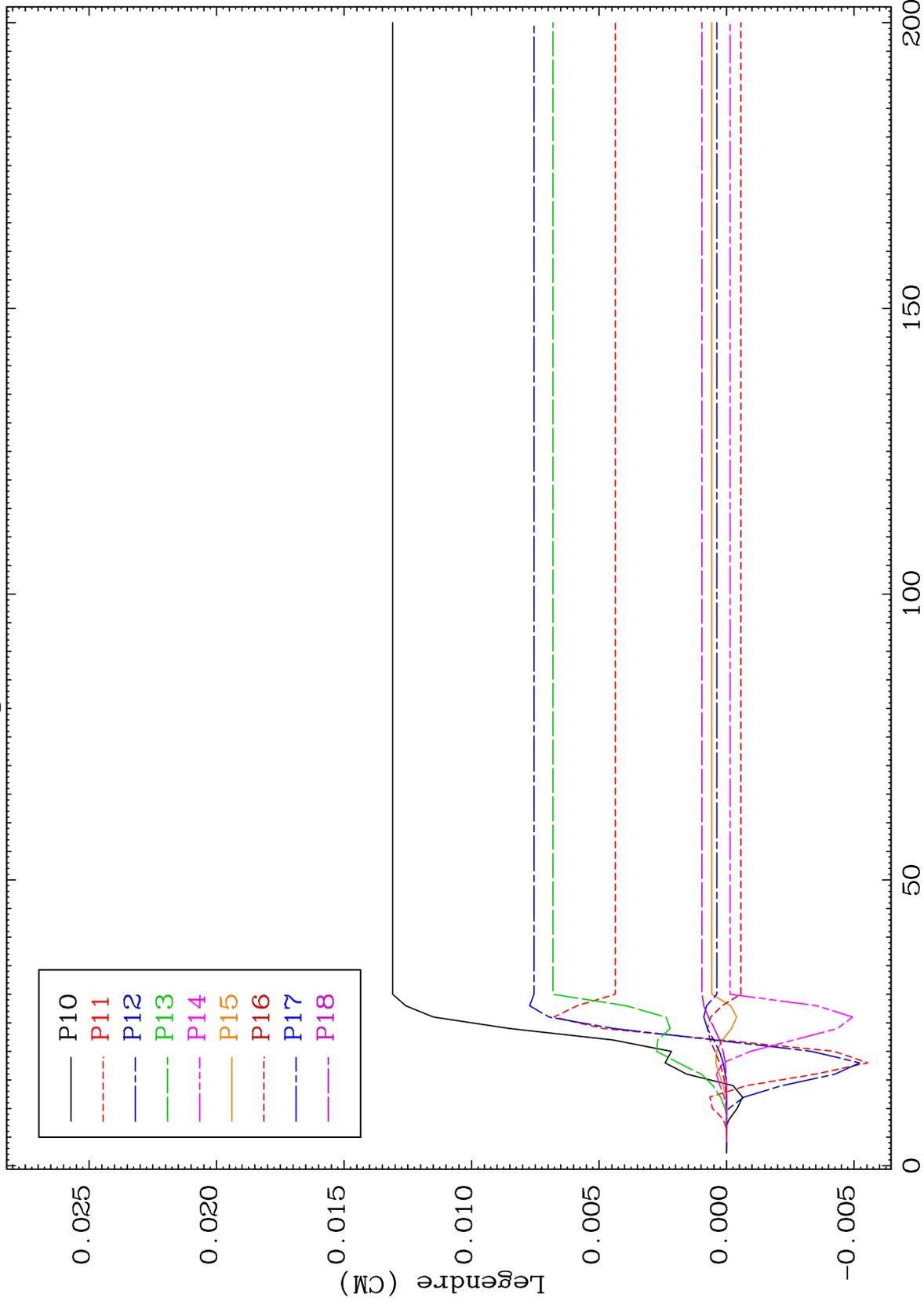
42-Mo-100



MAT 4249

MT= 59 (n,n') Level  
Legendre Coefficients

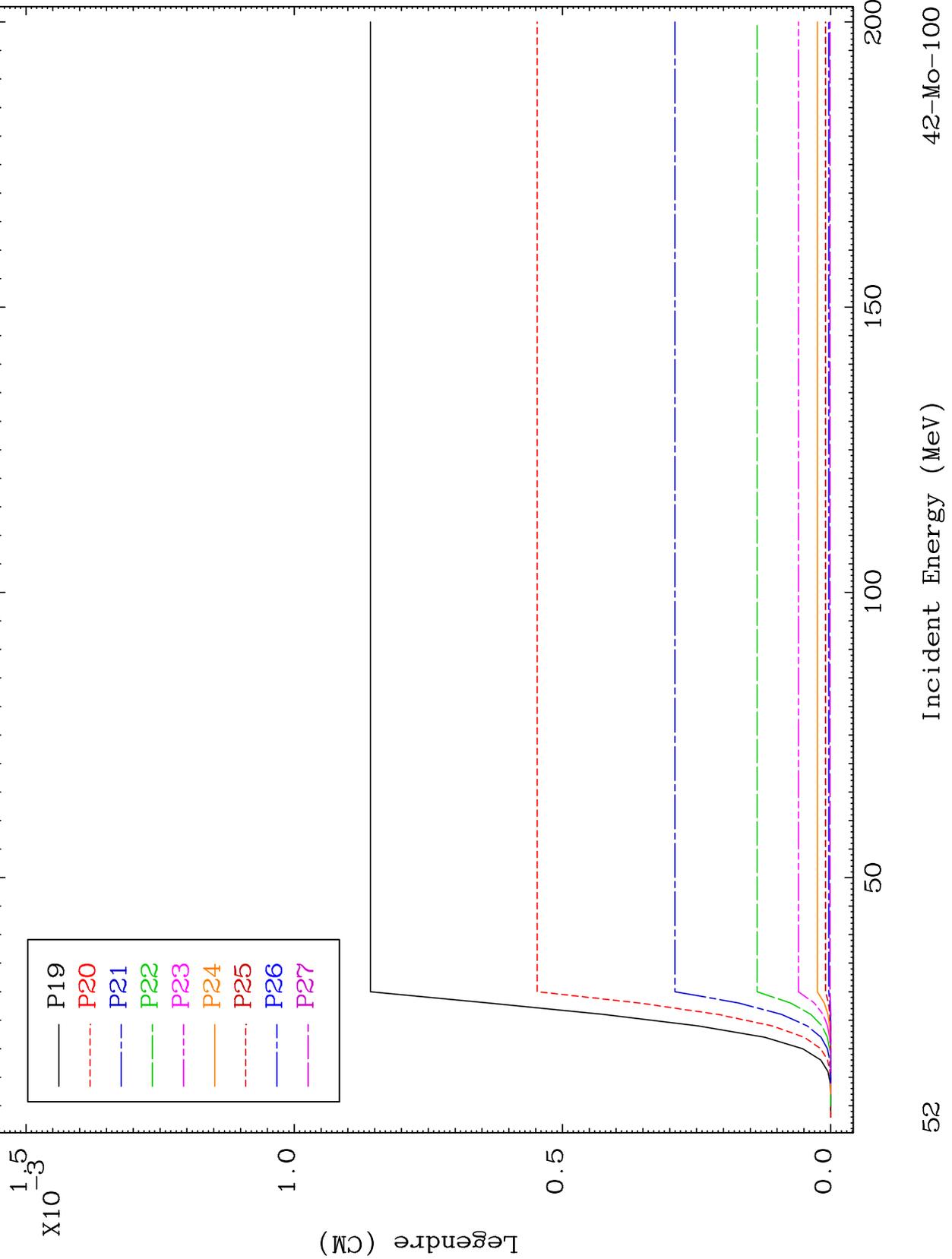
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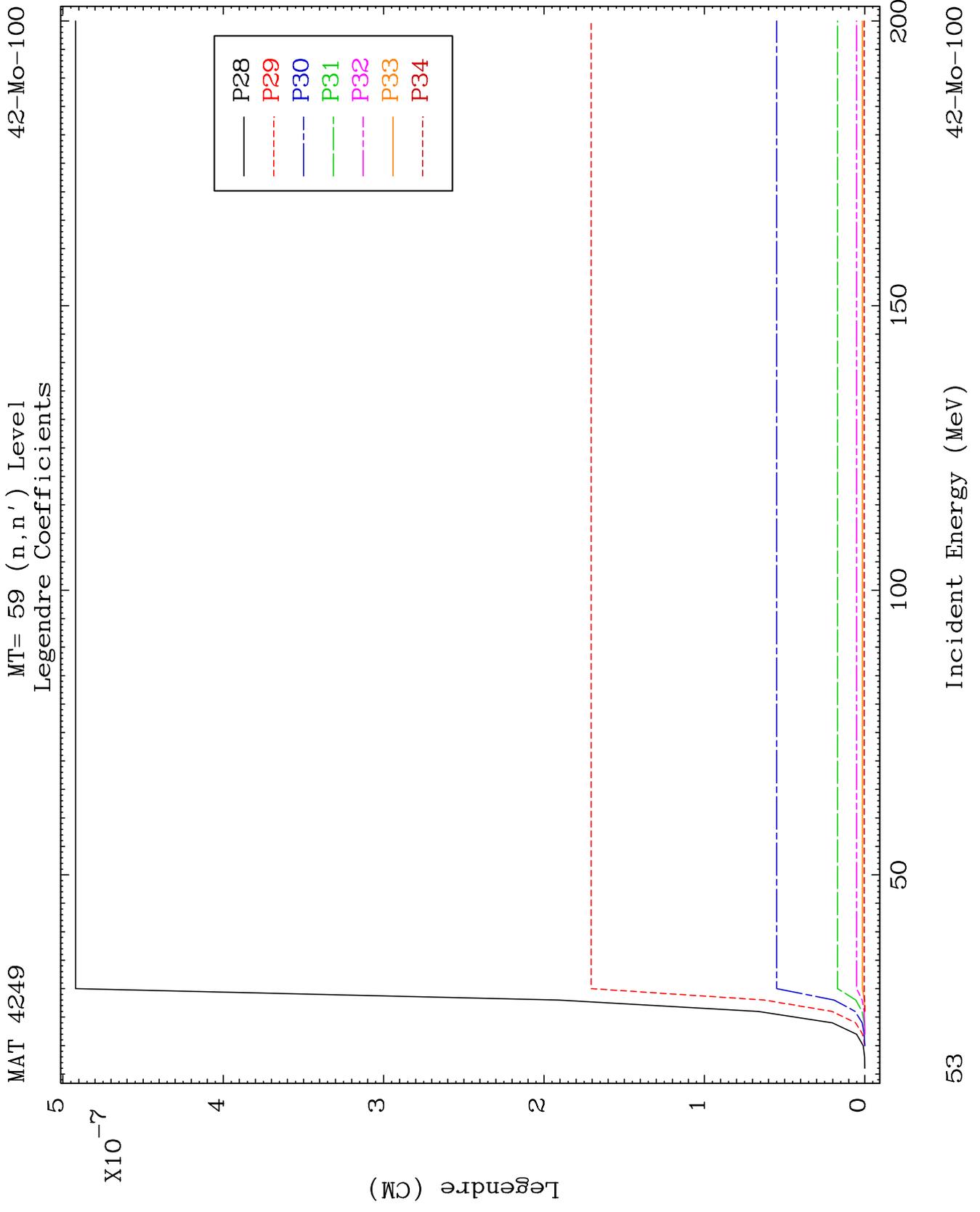


MAT 4249

MT= 59 (n,n') Level  
Legendre Coefficients

42-Mo-100

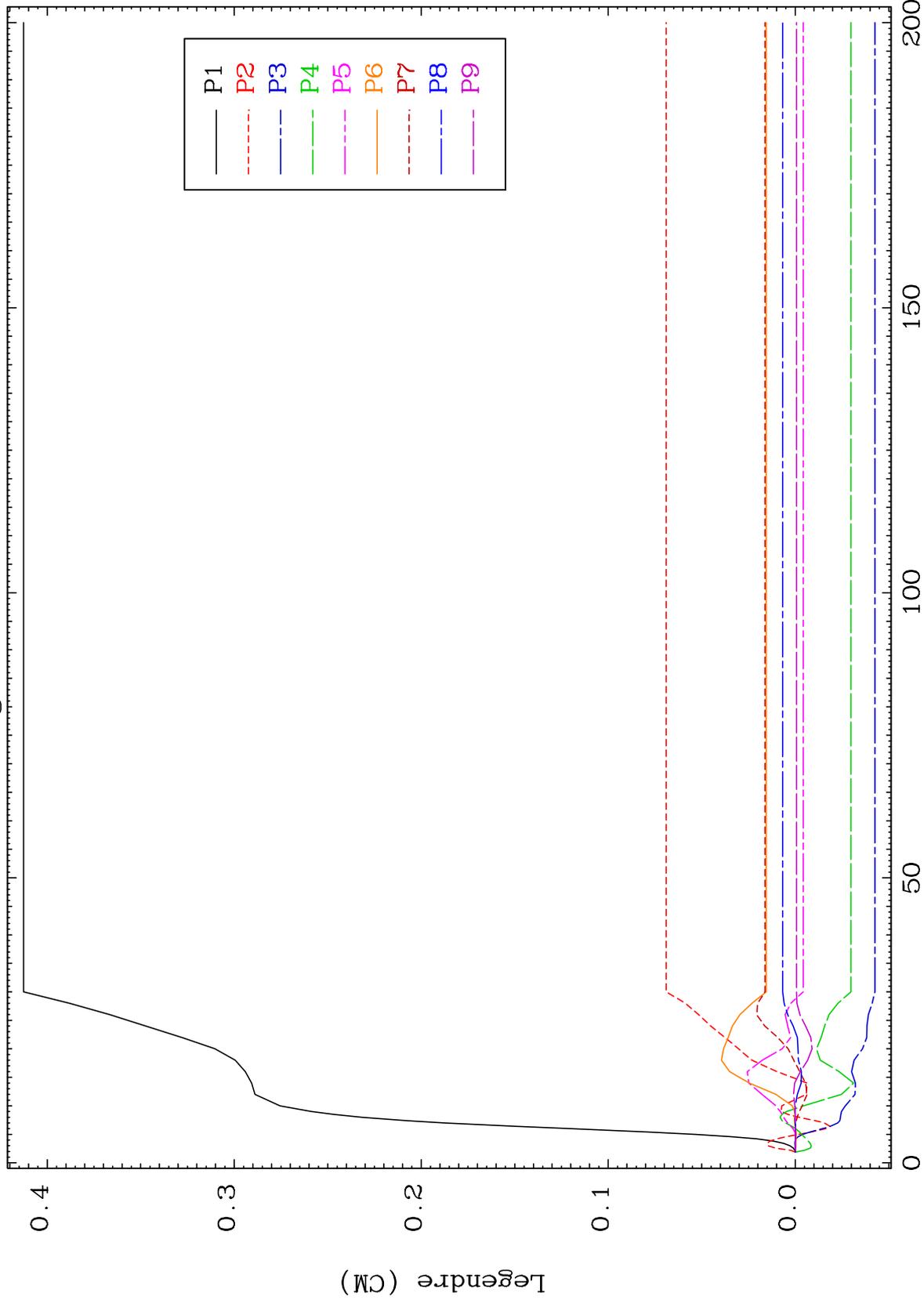




MAT 4249

MT= 60 (n,n') Level  
Legendre Coefficients

42-Mo-100



54

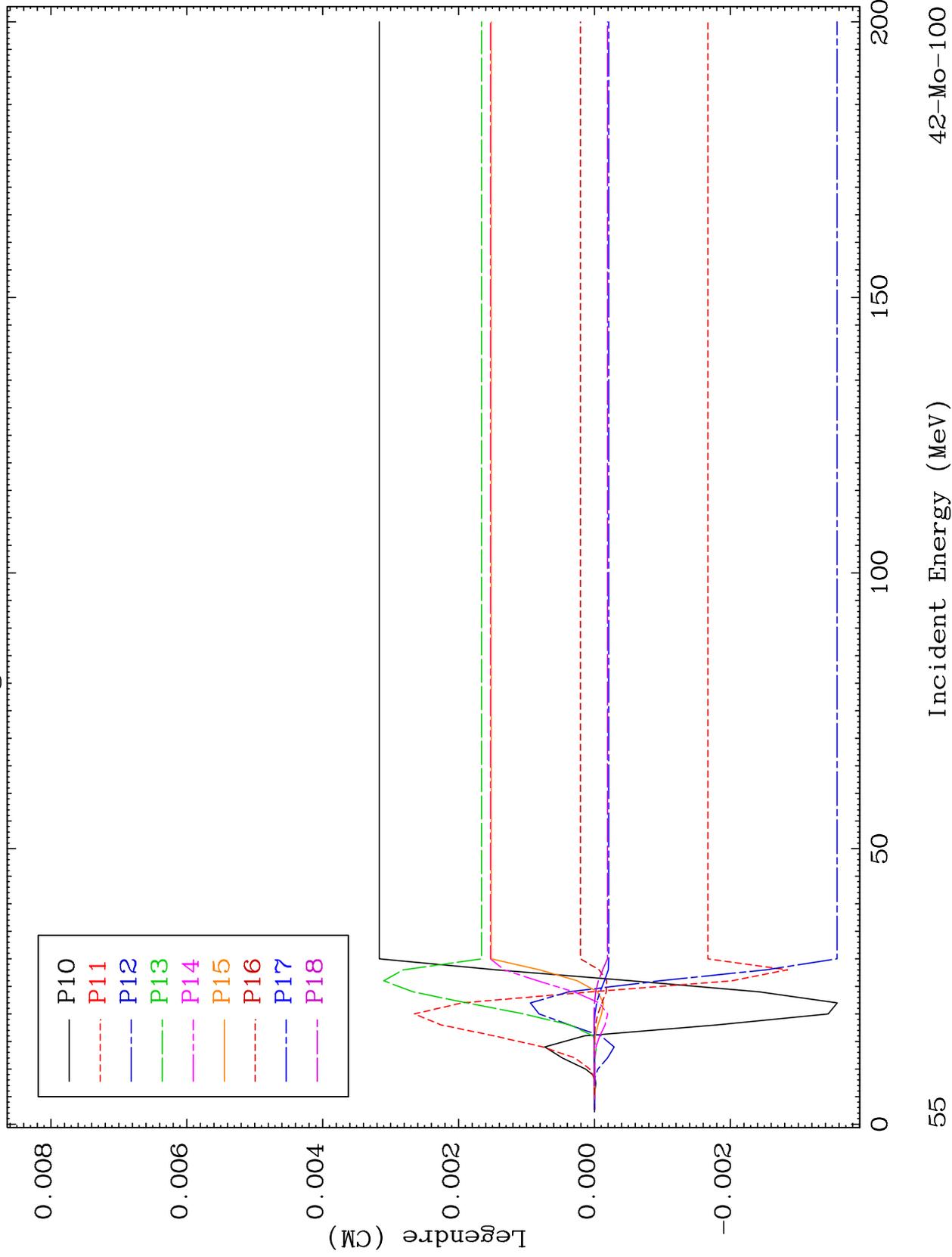
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 60 (n,n') Level  
Legendre Coefficients

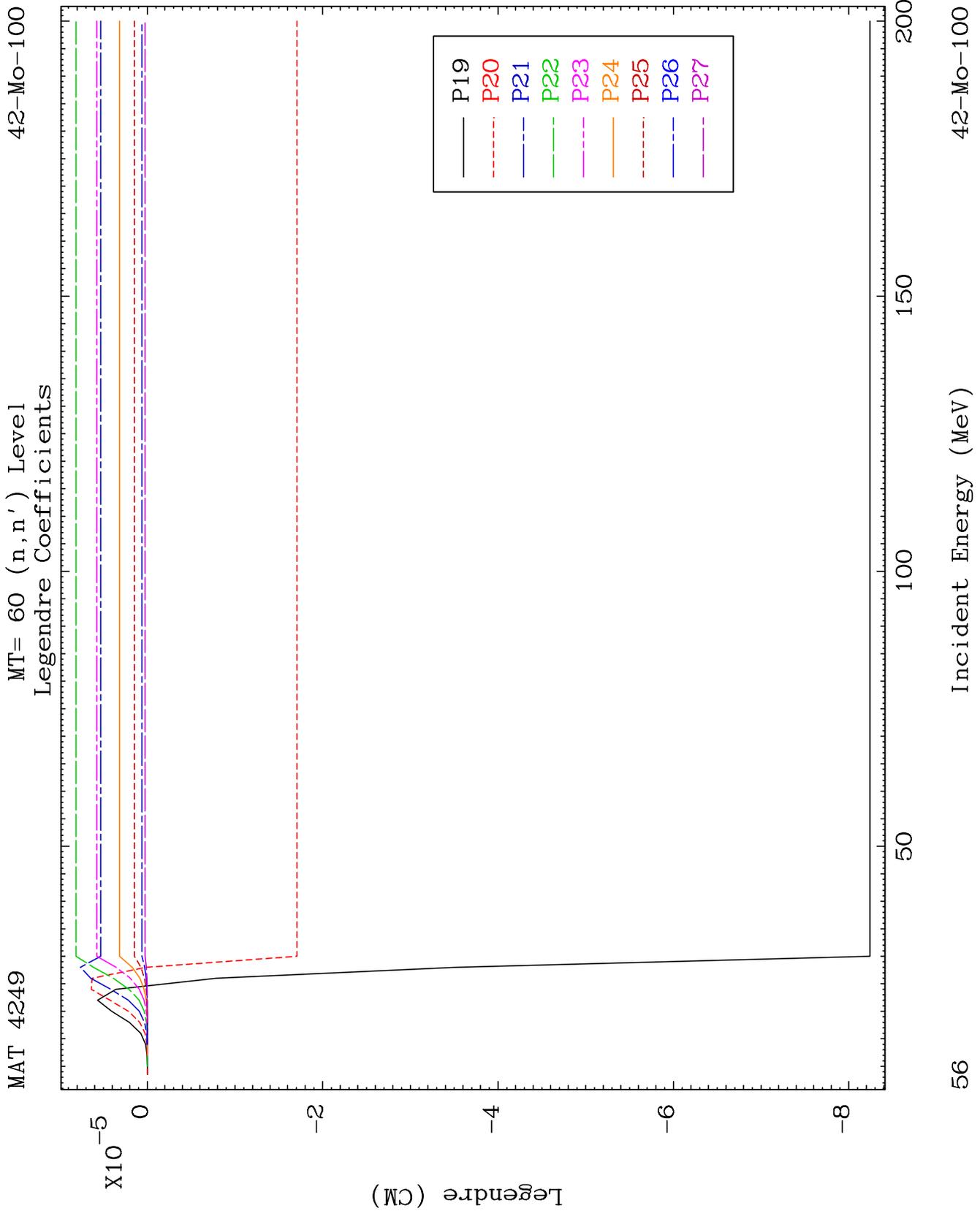
42-Mo-100



42-Mo-100

Incident Energy (MeV)

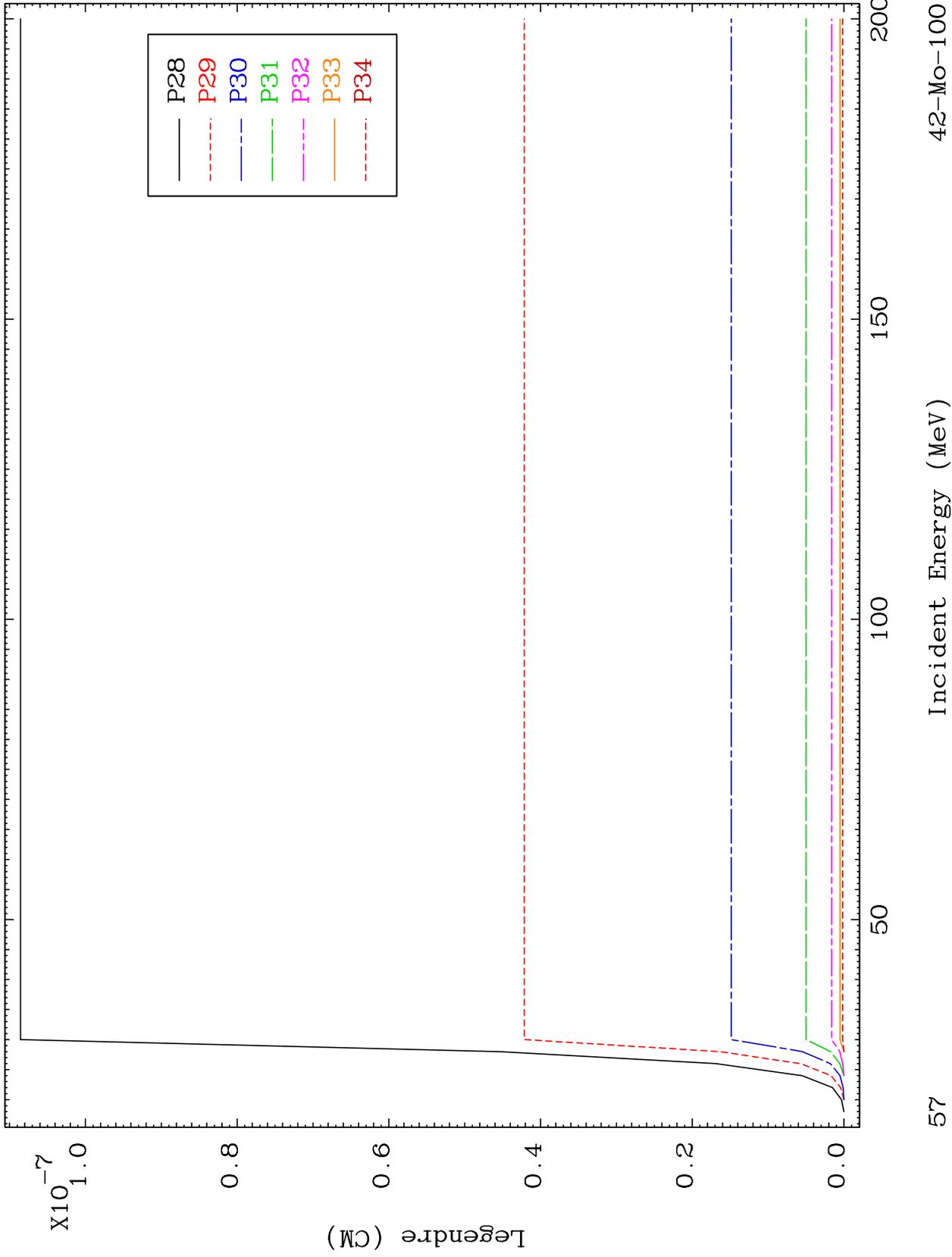
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MAT 4249

MT= 60 (n,n') Level  
Legendre Coefficients

42-Mo-100

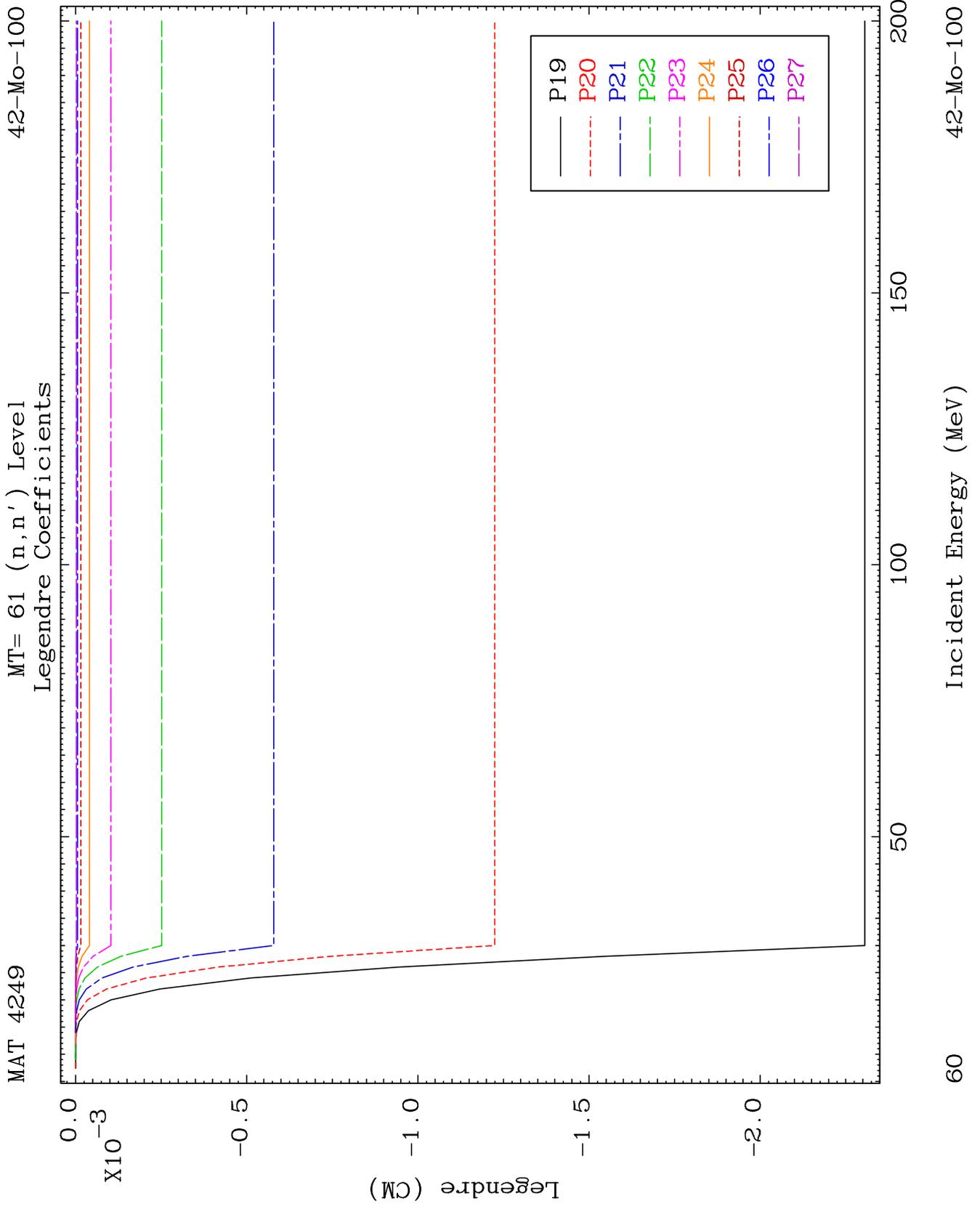


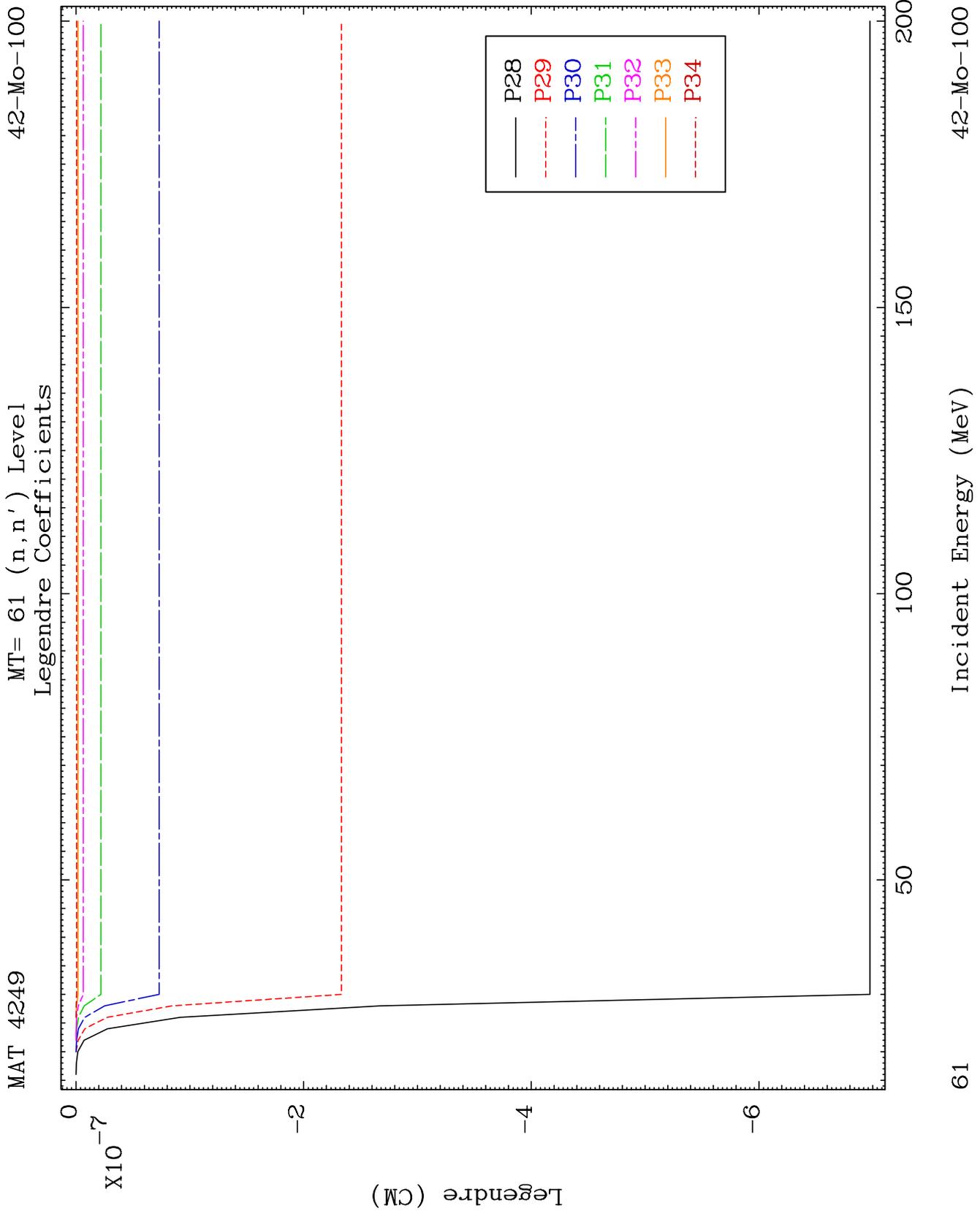
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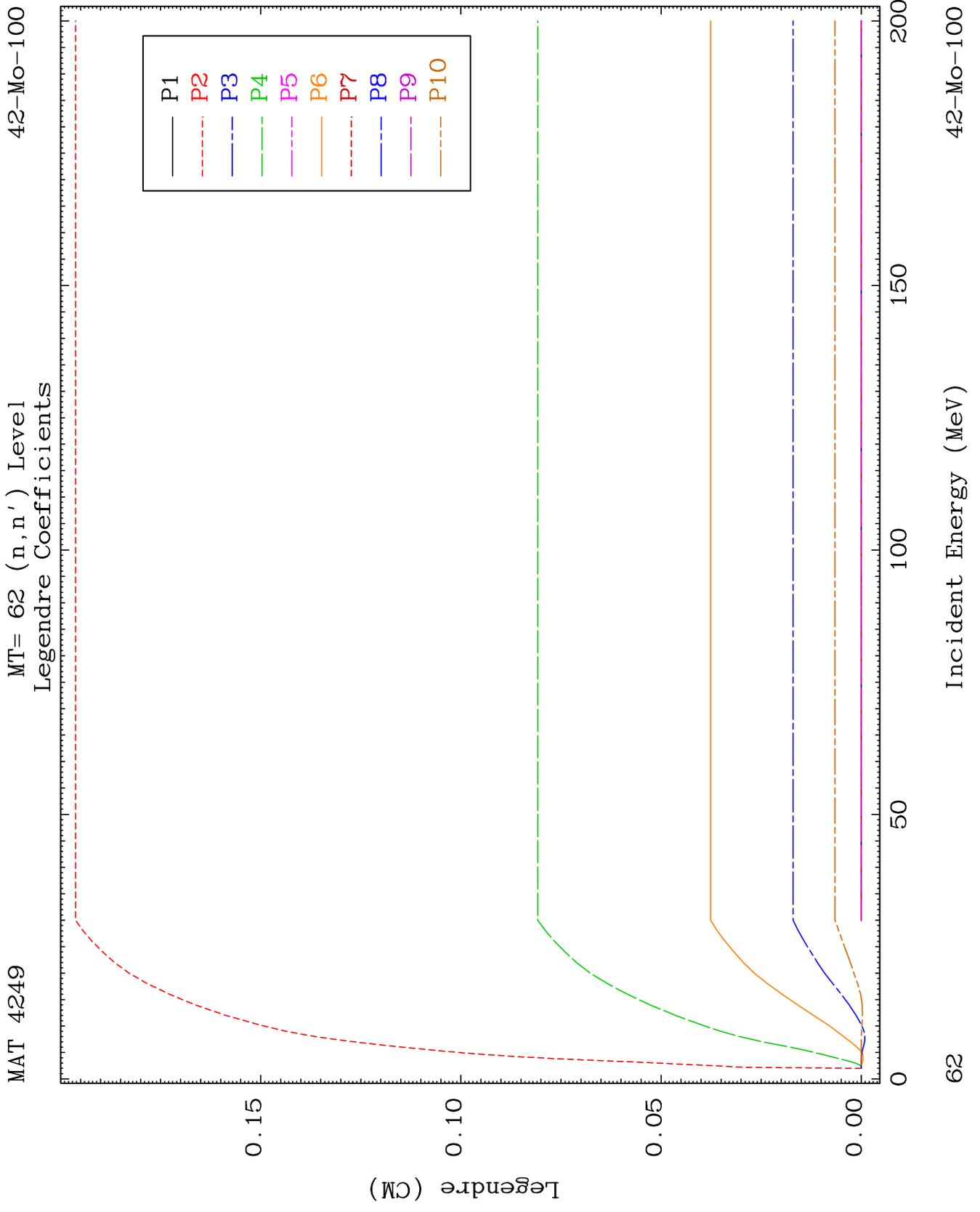
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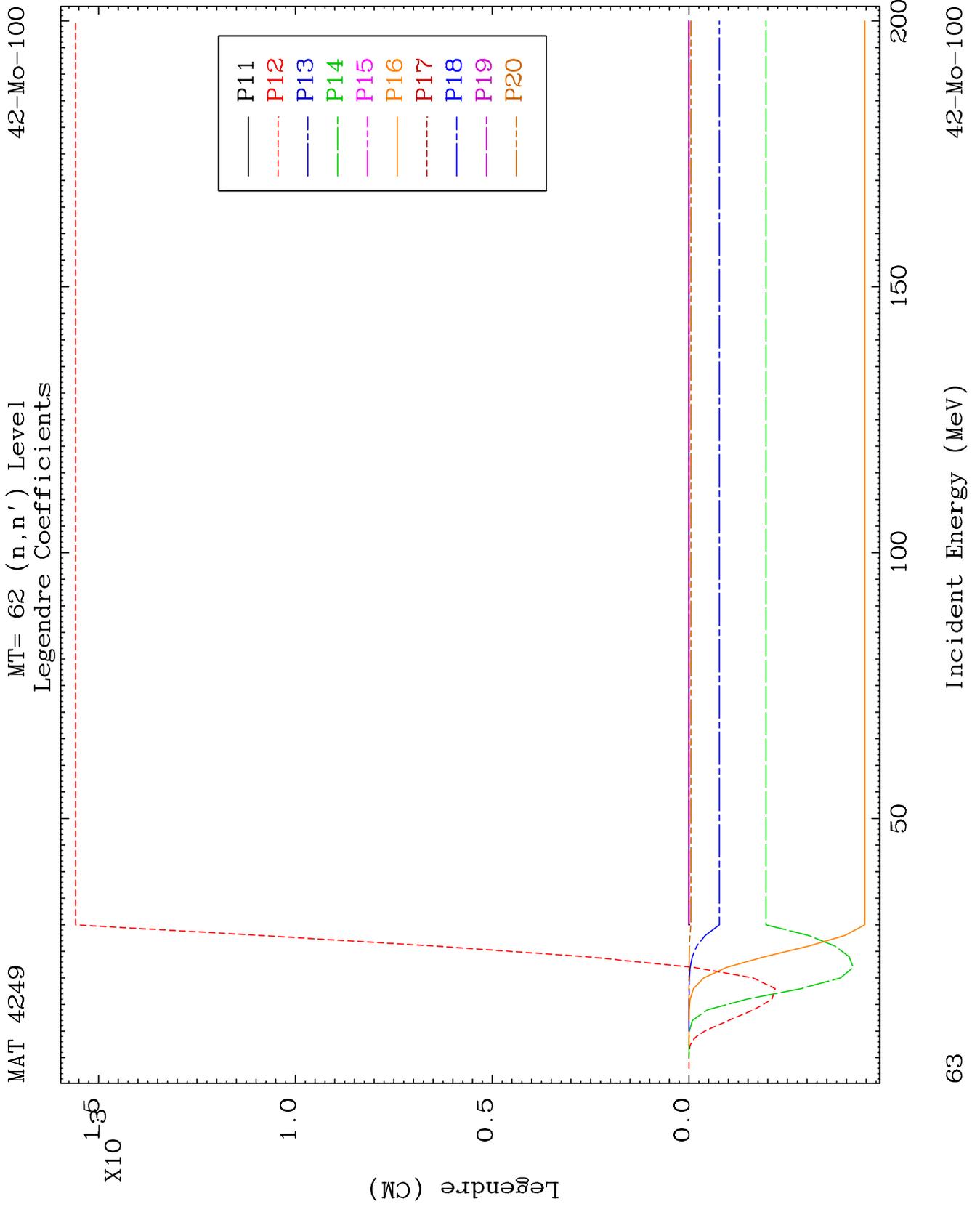


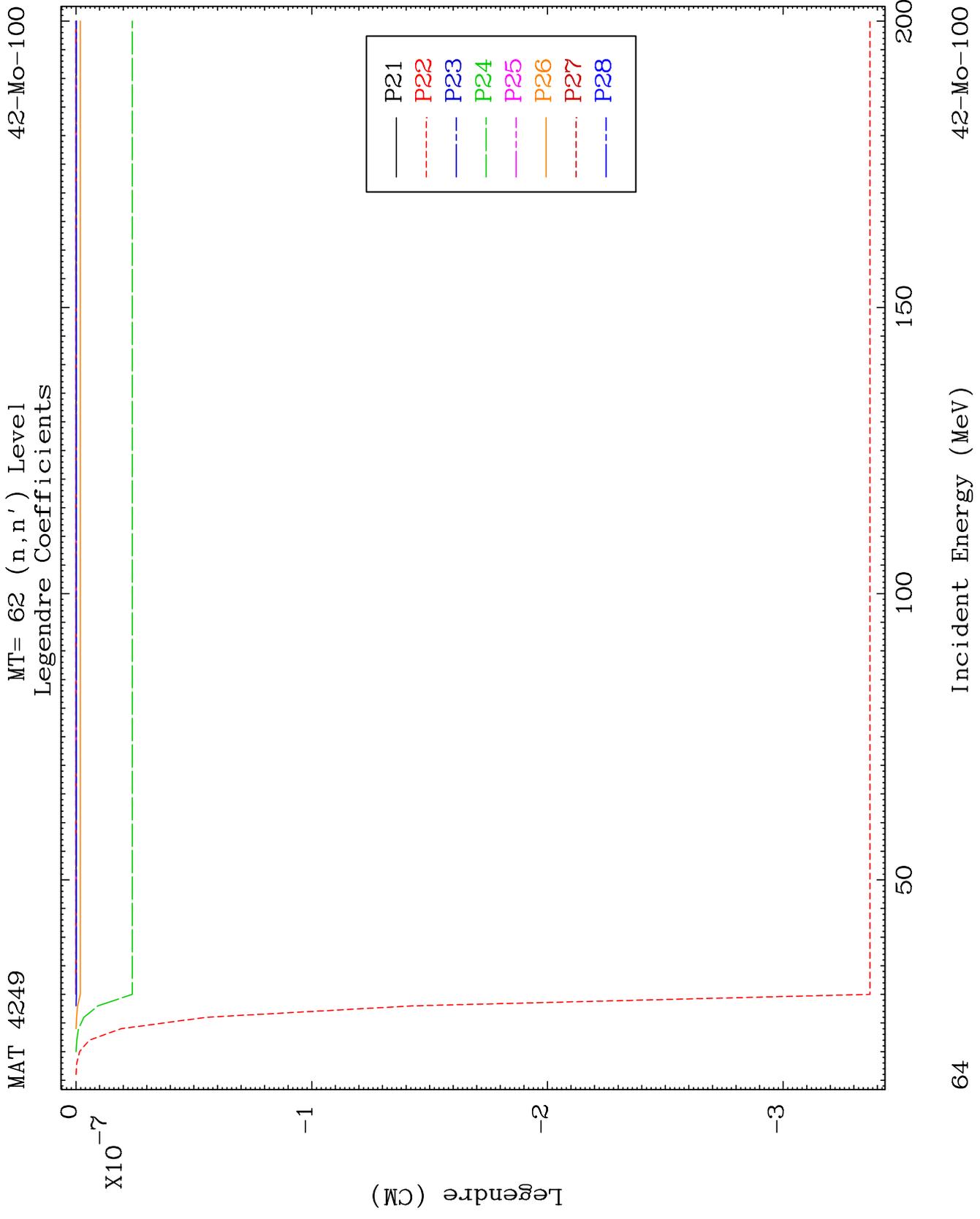


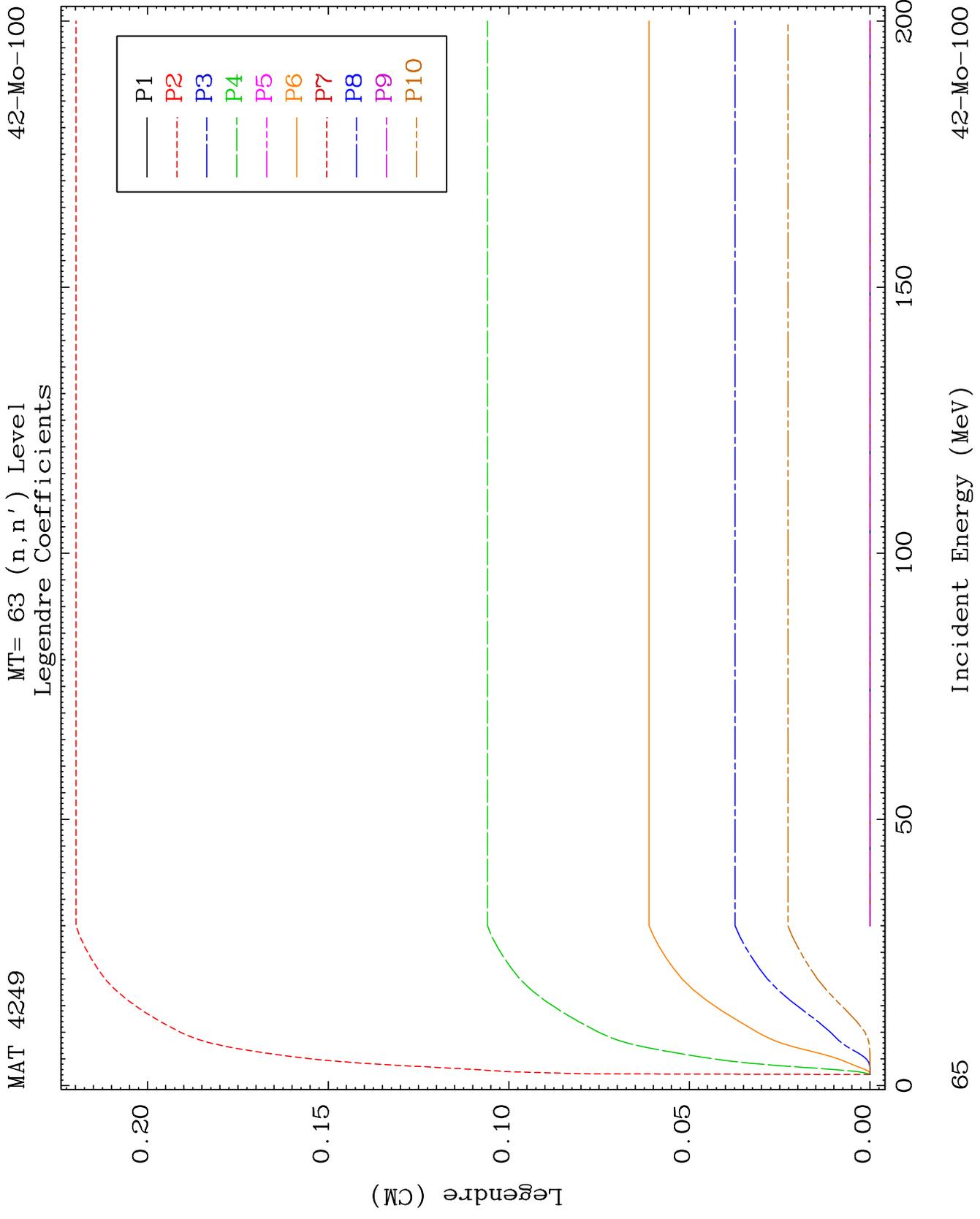








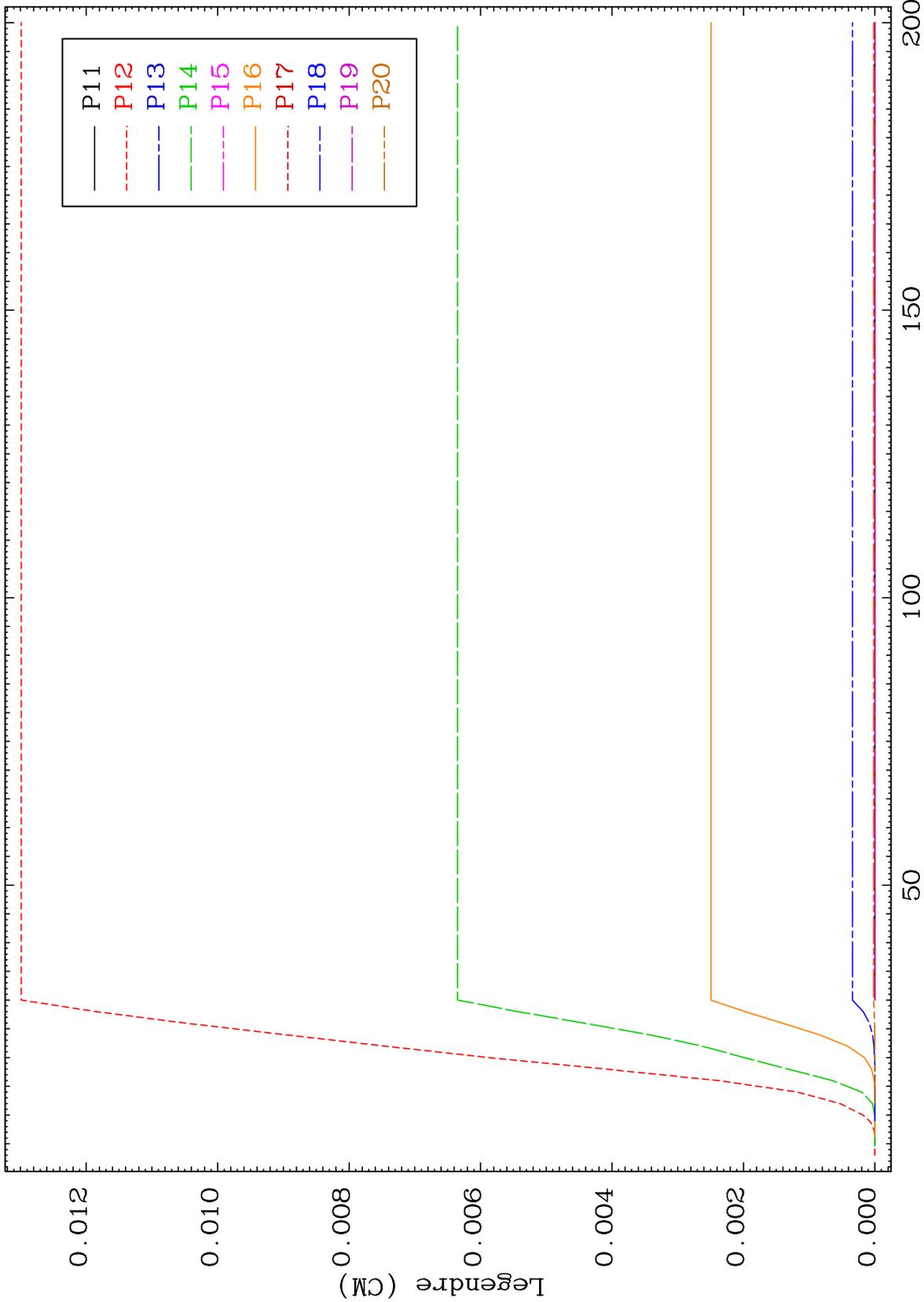




MAT 4249

MT= 63 (n,n') Level  
Legendre Coefficients

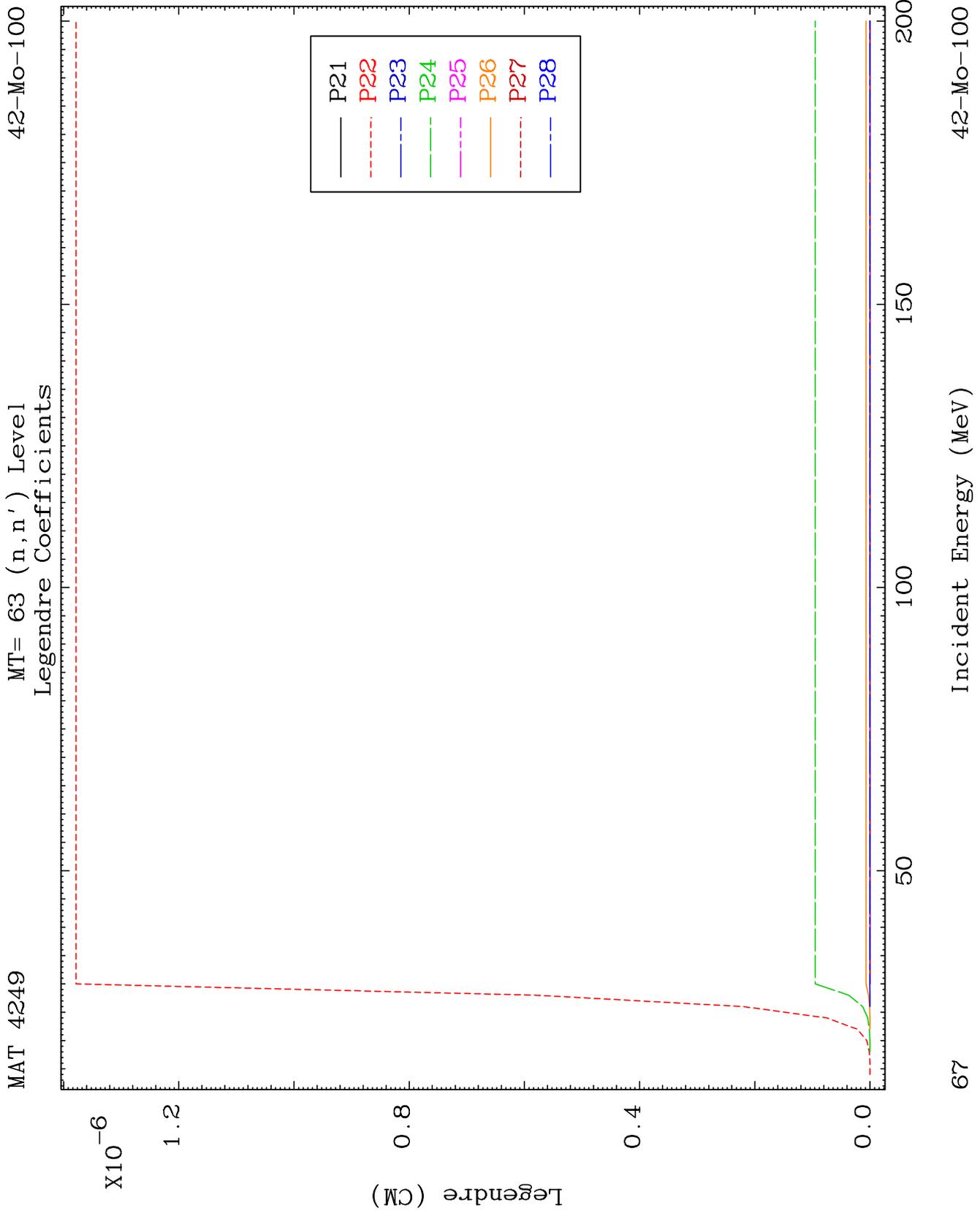
42-Mo-100

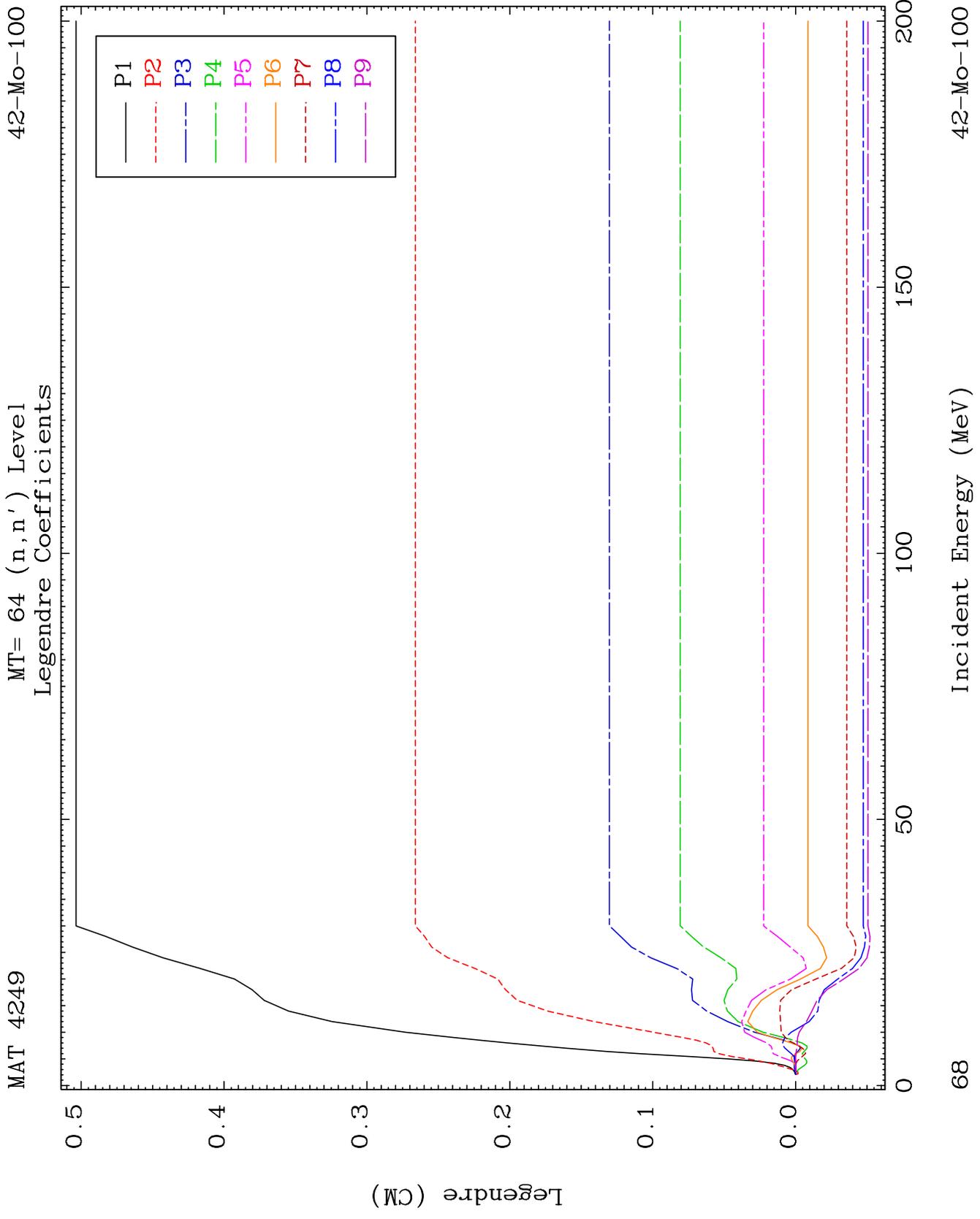


66

Incident Energy (MeV)

42-Mo-100

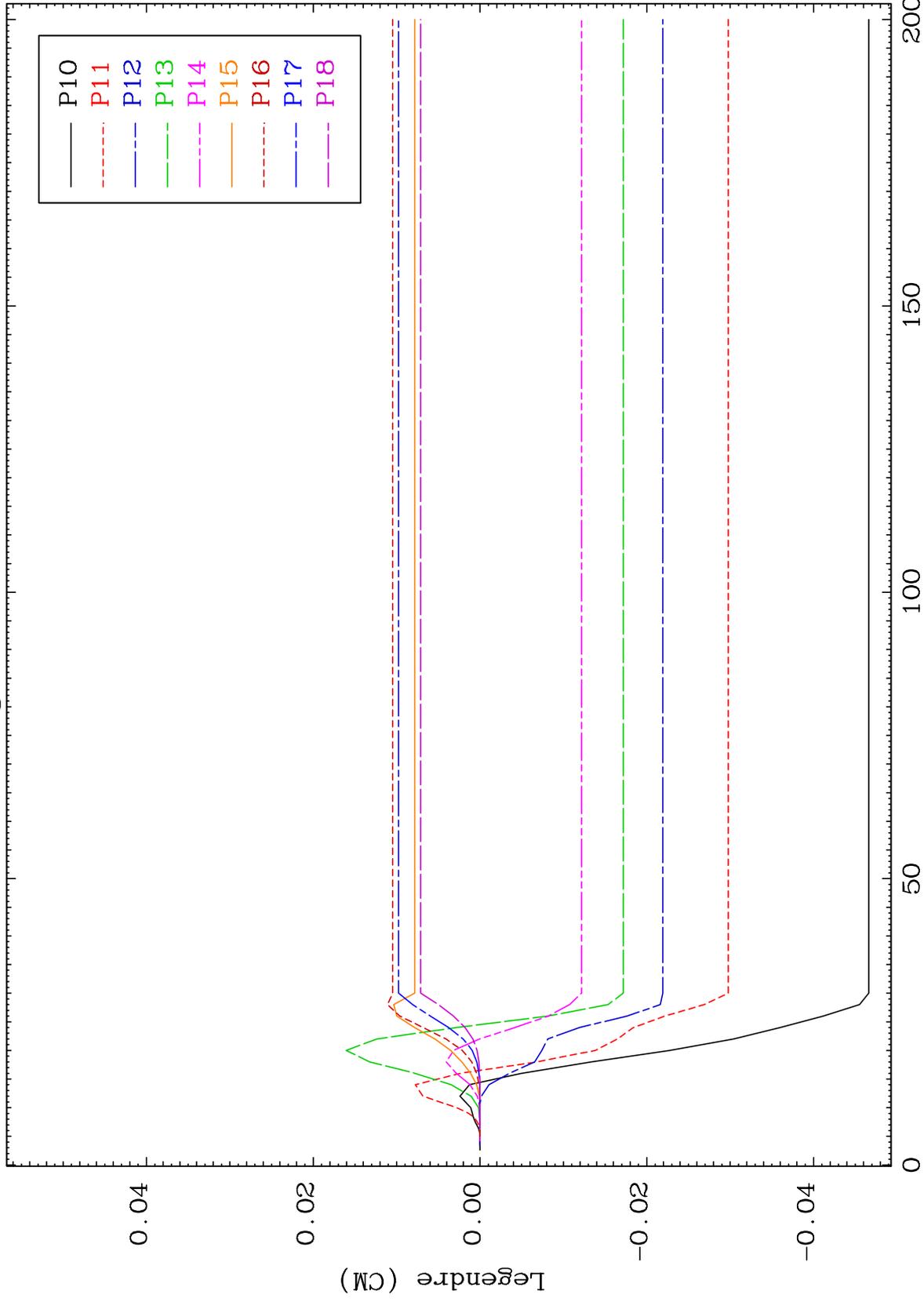




MAT 4249

MT= 64 (n,n') Level  
Legendre Coefficients

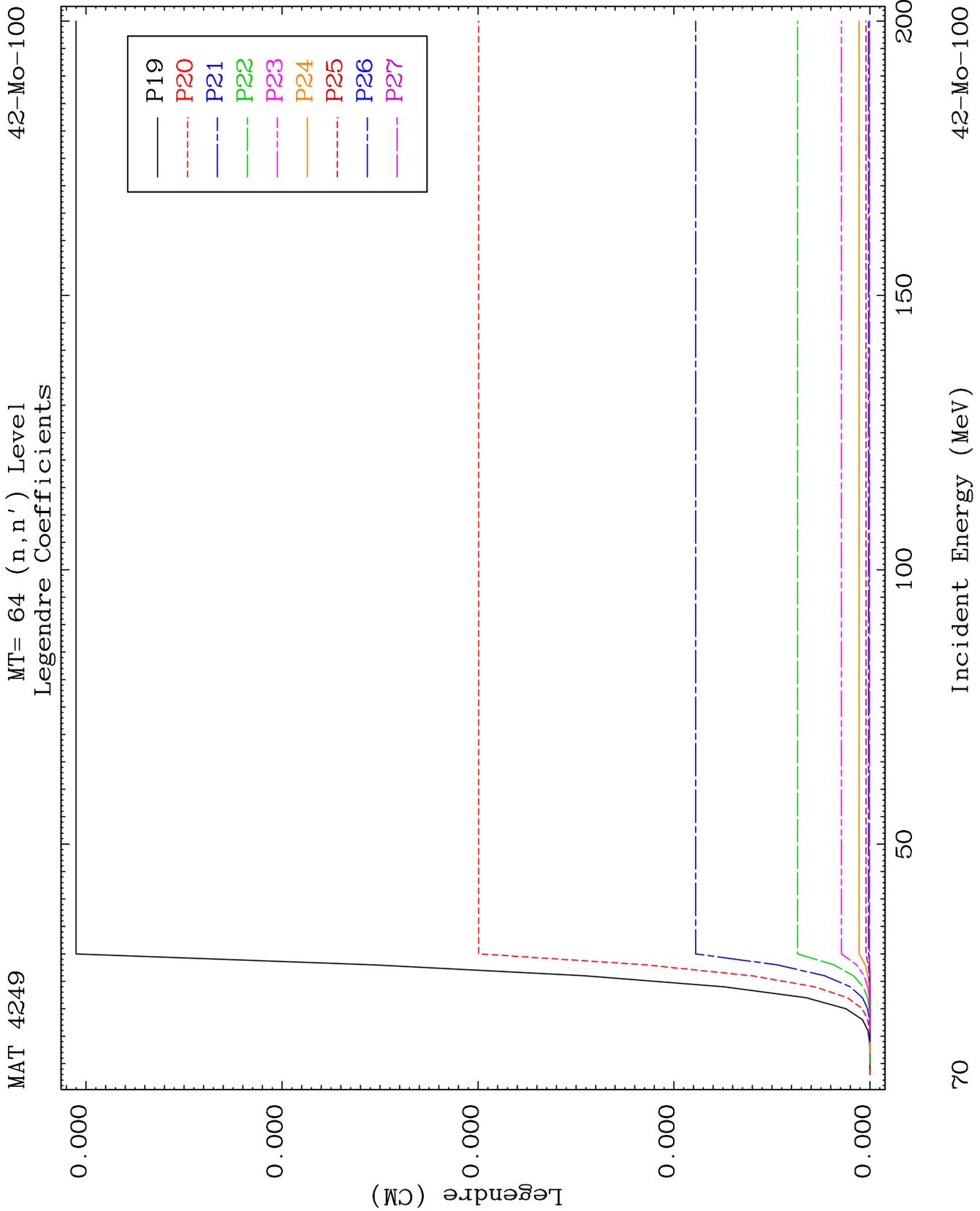
42-Mo-100



69

Incident Energy (MeV)

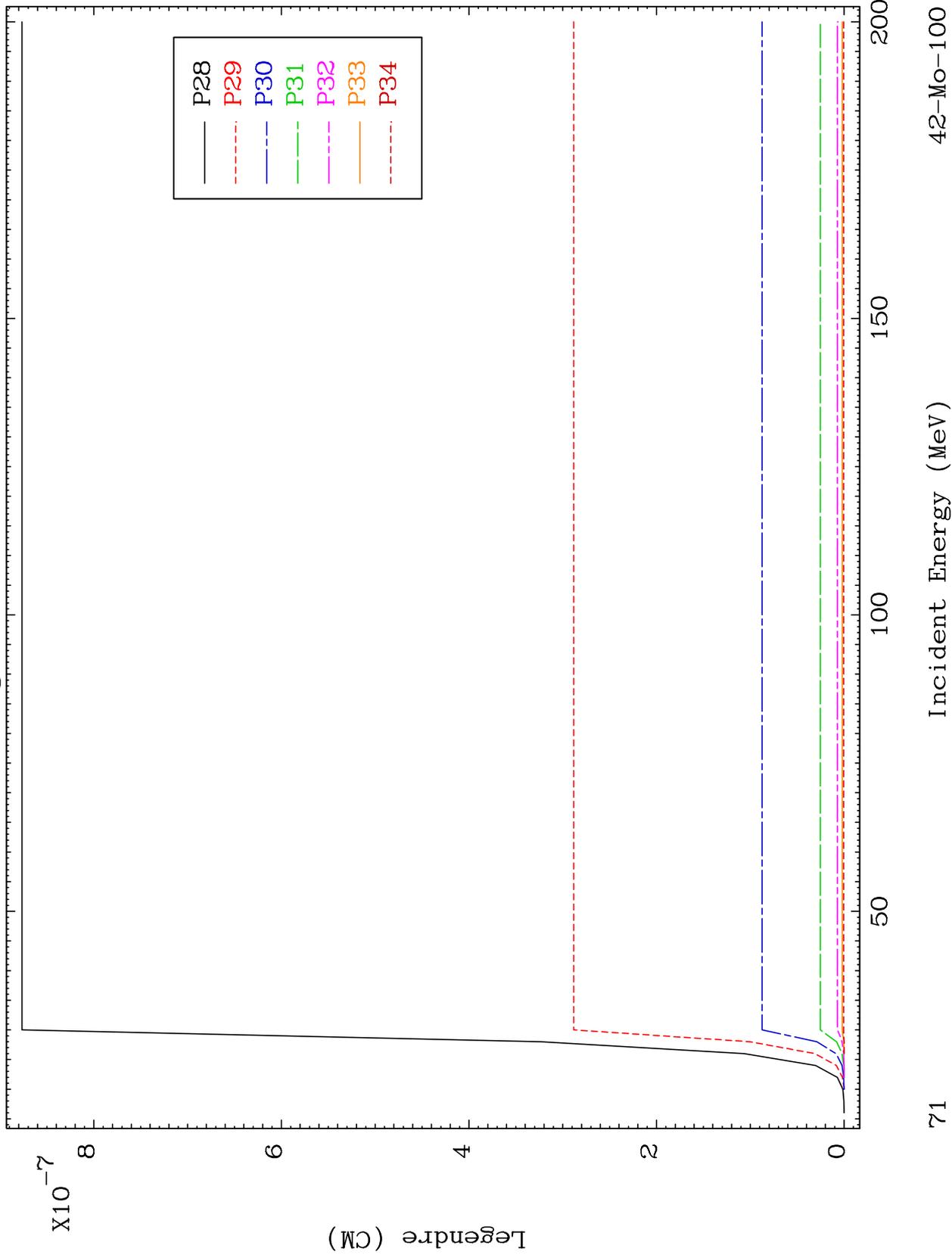
42-Mo-100



MAT 4249

MT= 64 (n,n') Level  
Legendre Coefficients

42-Mo-100



71

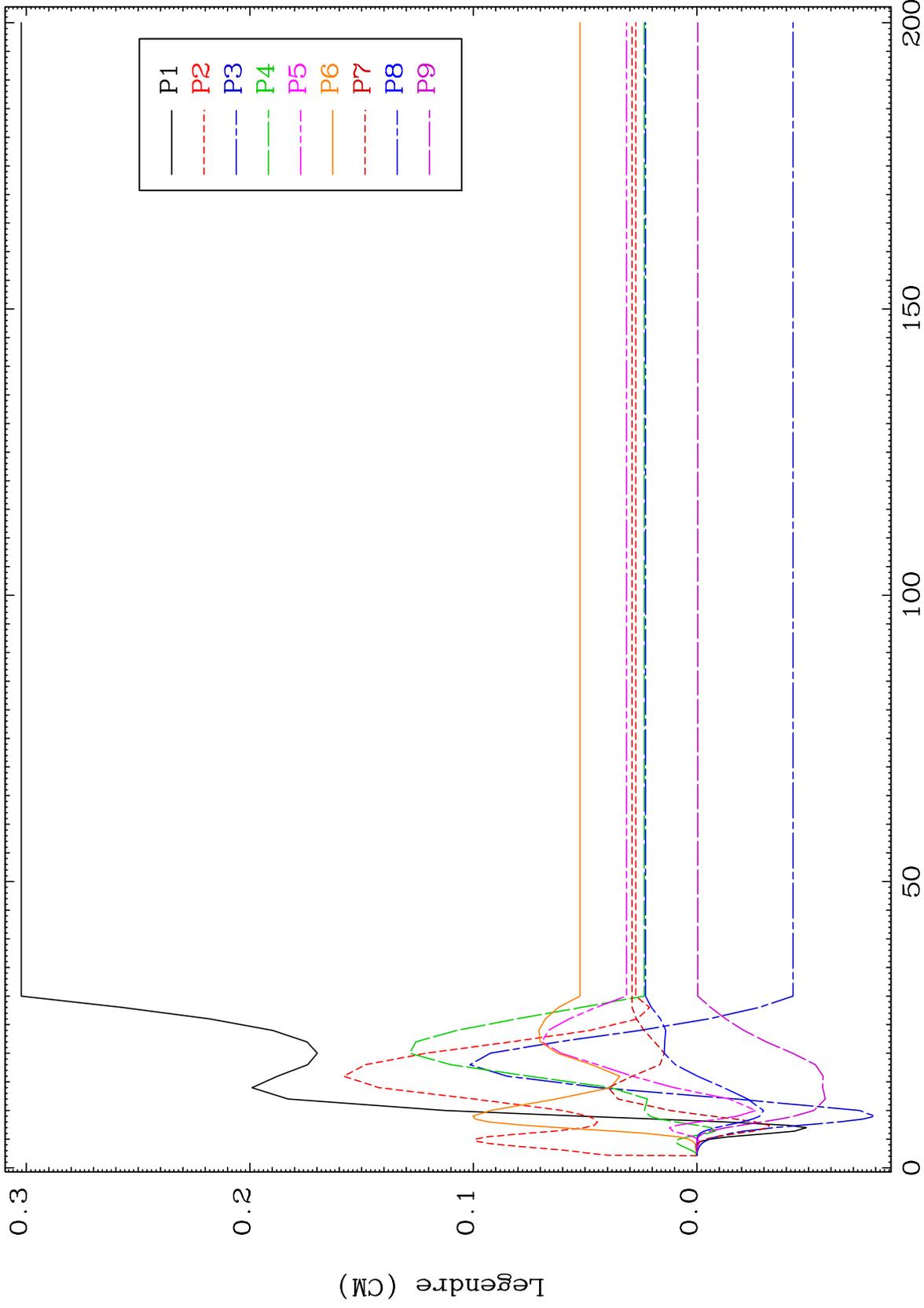
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 65 (n,n') Level  
Legendre Coefficients

42-Mo-100



72

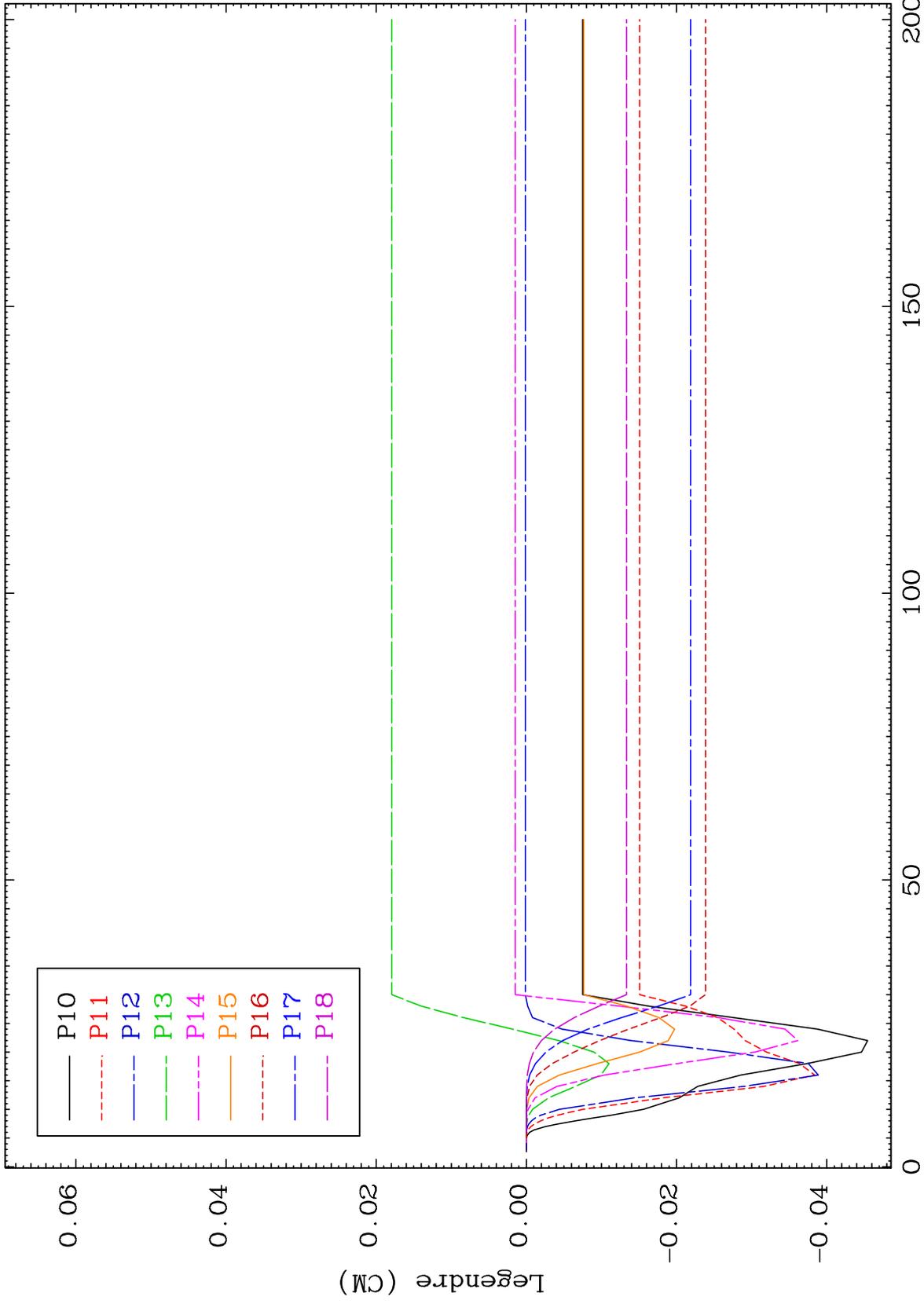
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 65 (n,n') Level  
Legendre Coefficients

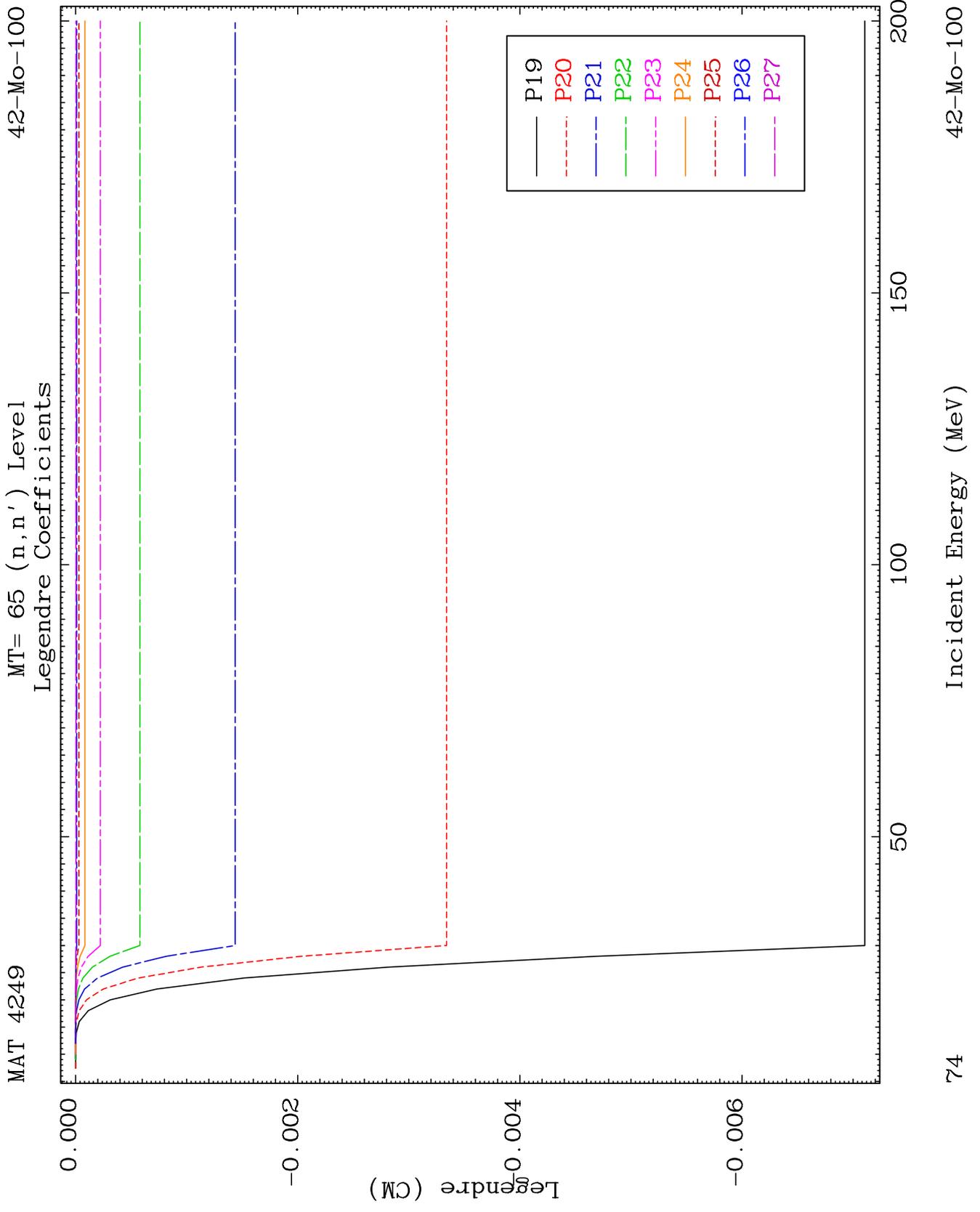
42-Mo-100

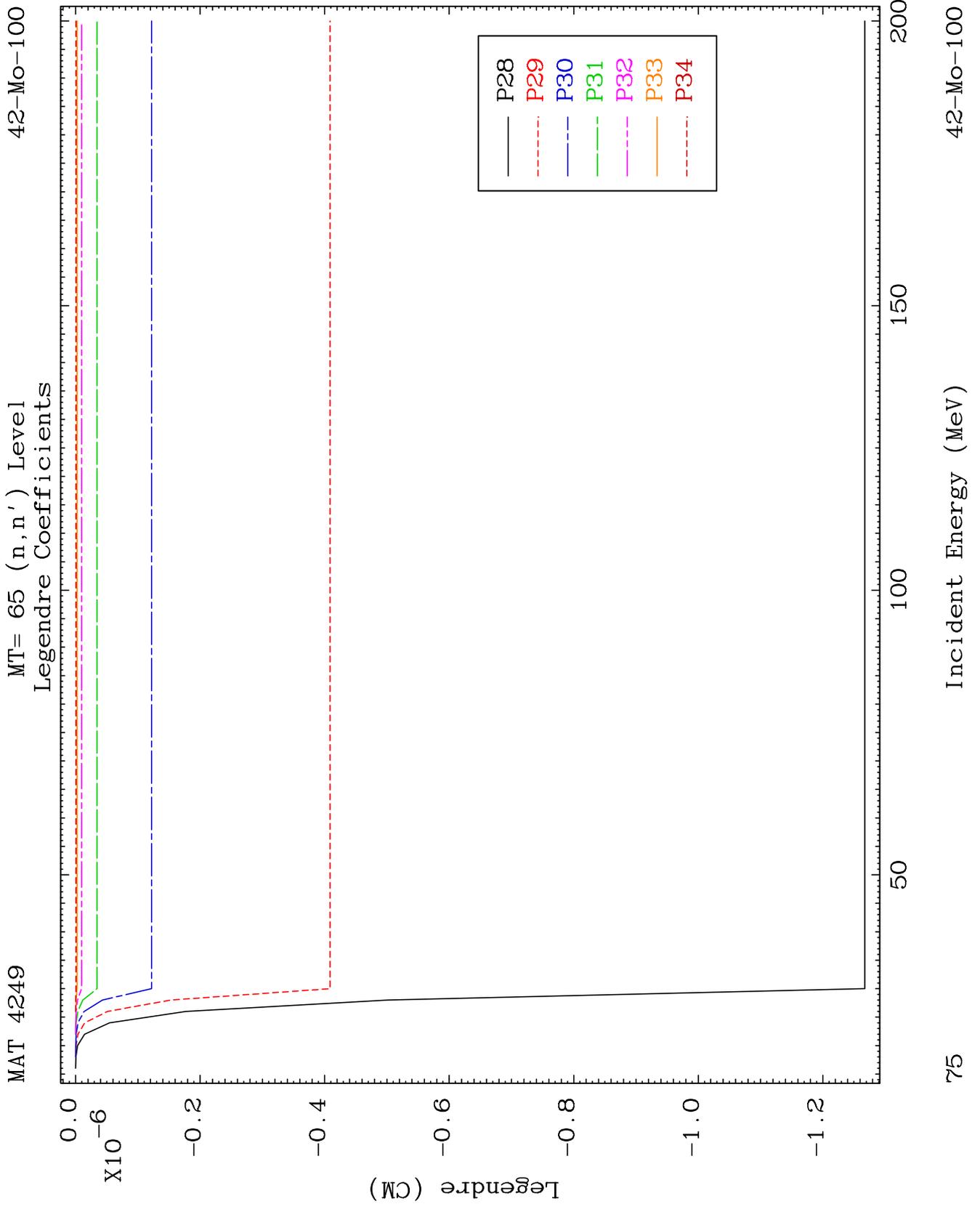


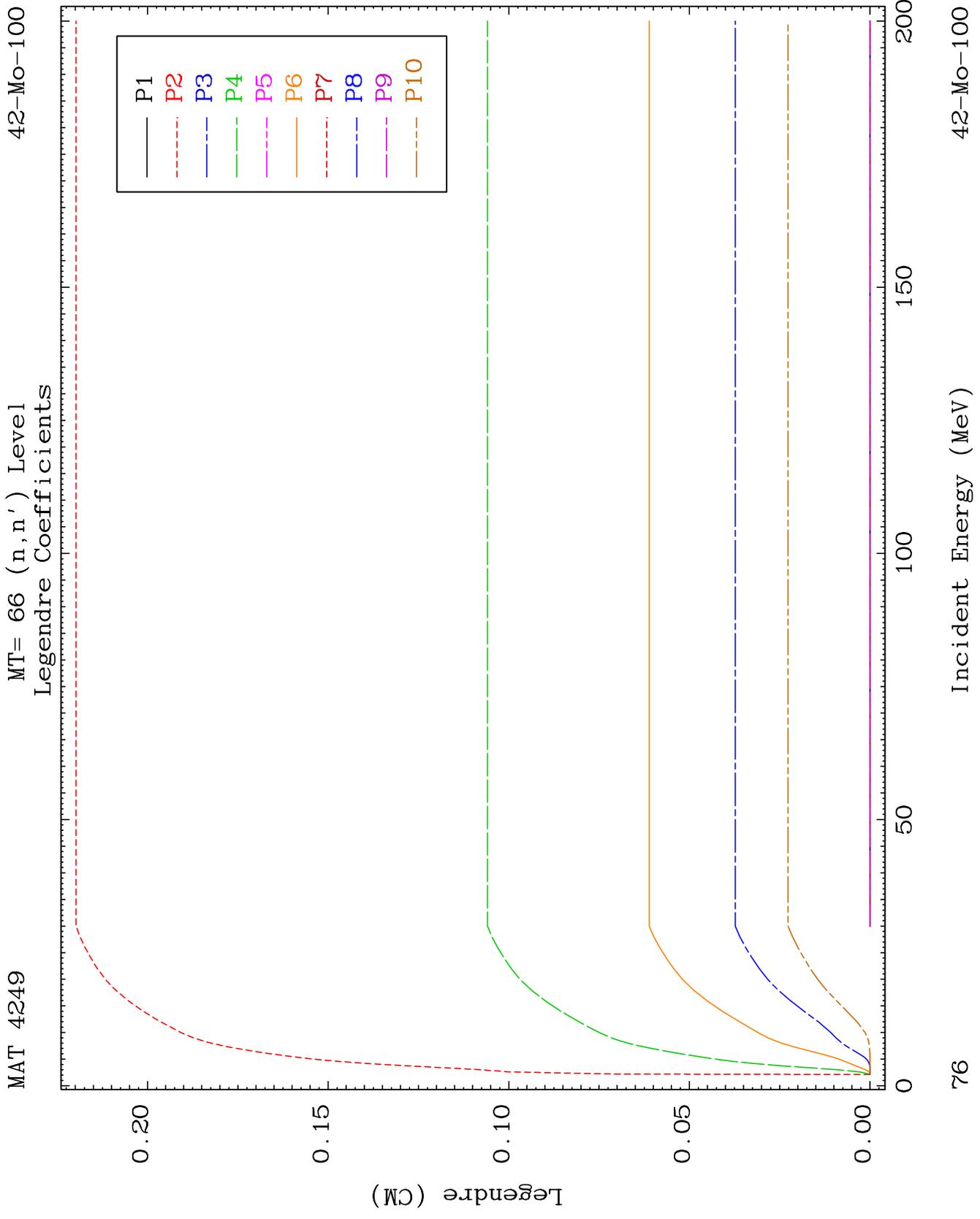
73

Incident Energy (MeV)

42-Mo-100



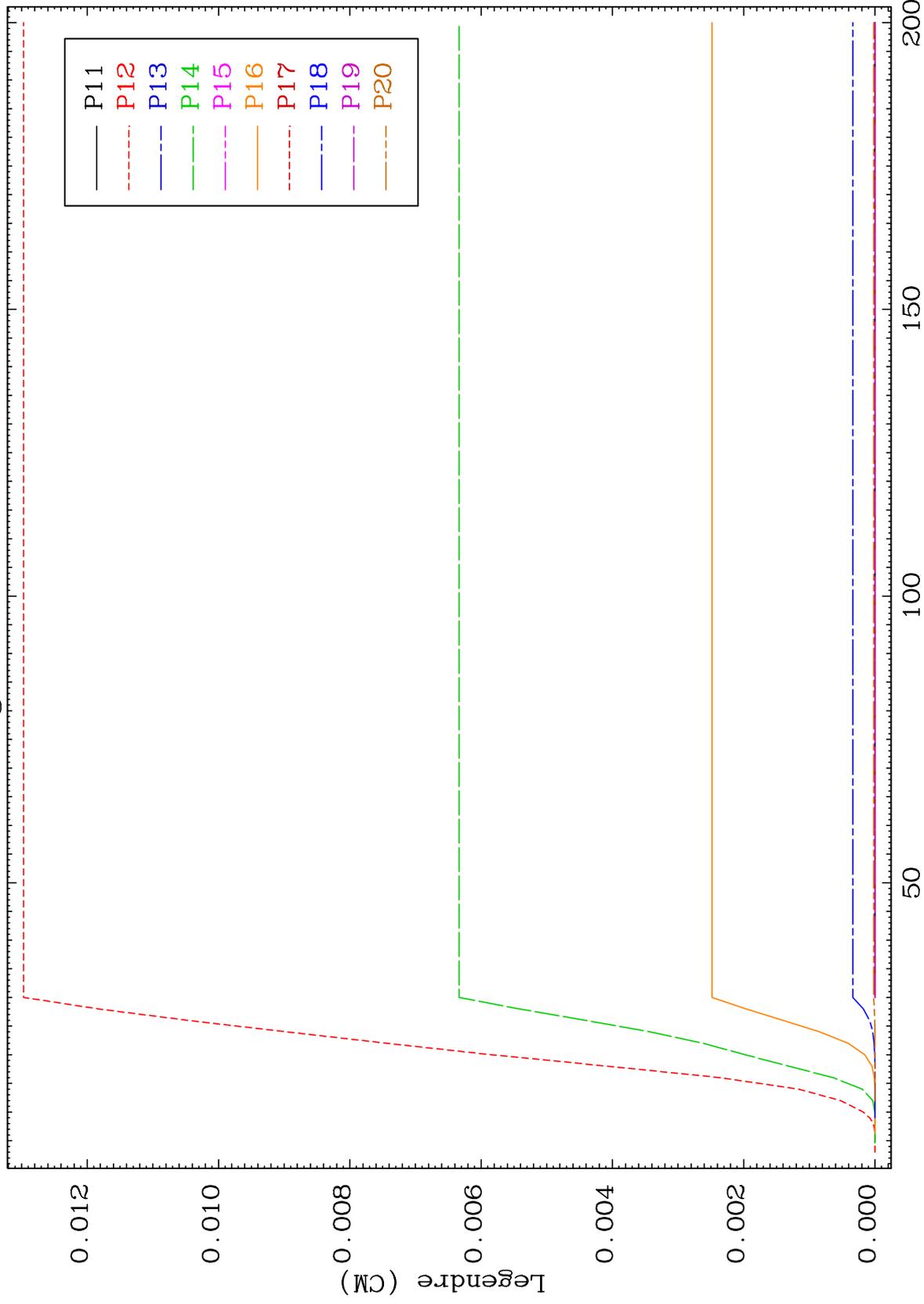




MAT 4249

MT= 66 (n,n') Level  
Legendre Coefficients

42-Mo-100



77

Incident Energy (MeV)

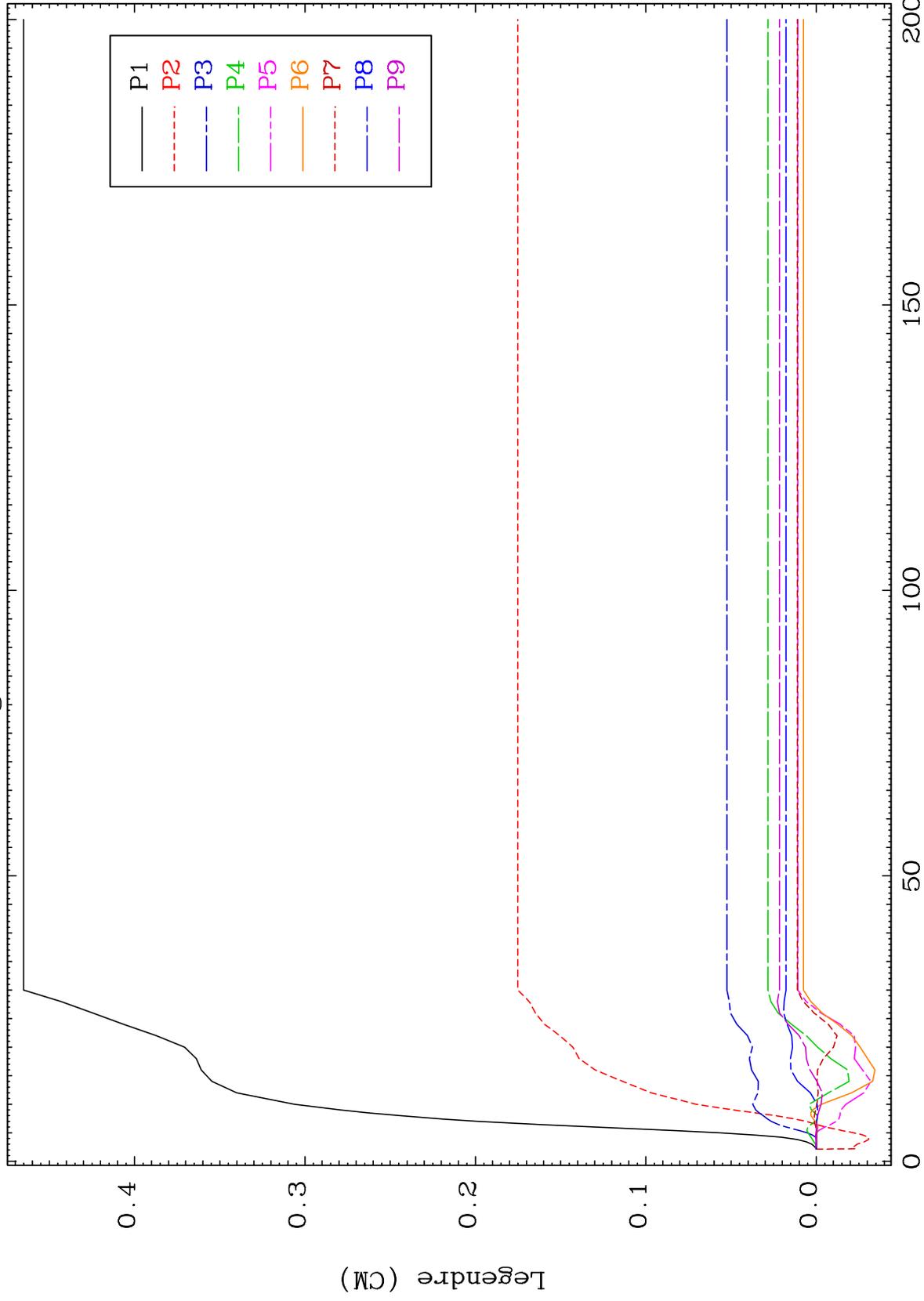
42-Mo-100



MAT 4249

MT= 67 (n,n') Level  
Legendre Coefficients

42-Mo-100



79

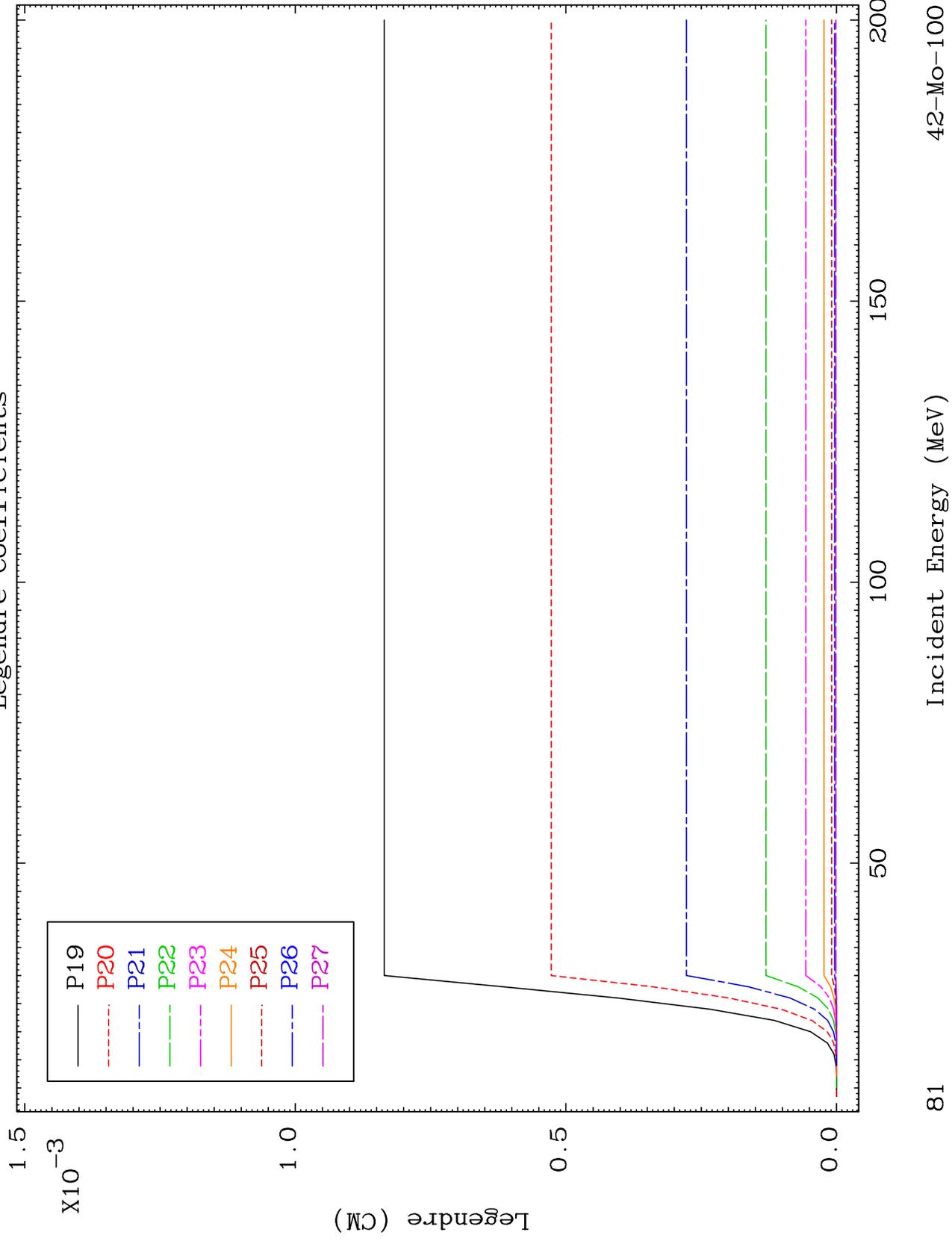
42-Mo-100



MAT 4249

MT= 67 (n,n') Level  
Legendre Coefficients

42-Mo-100

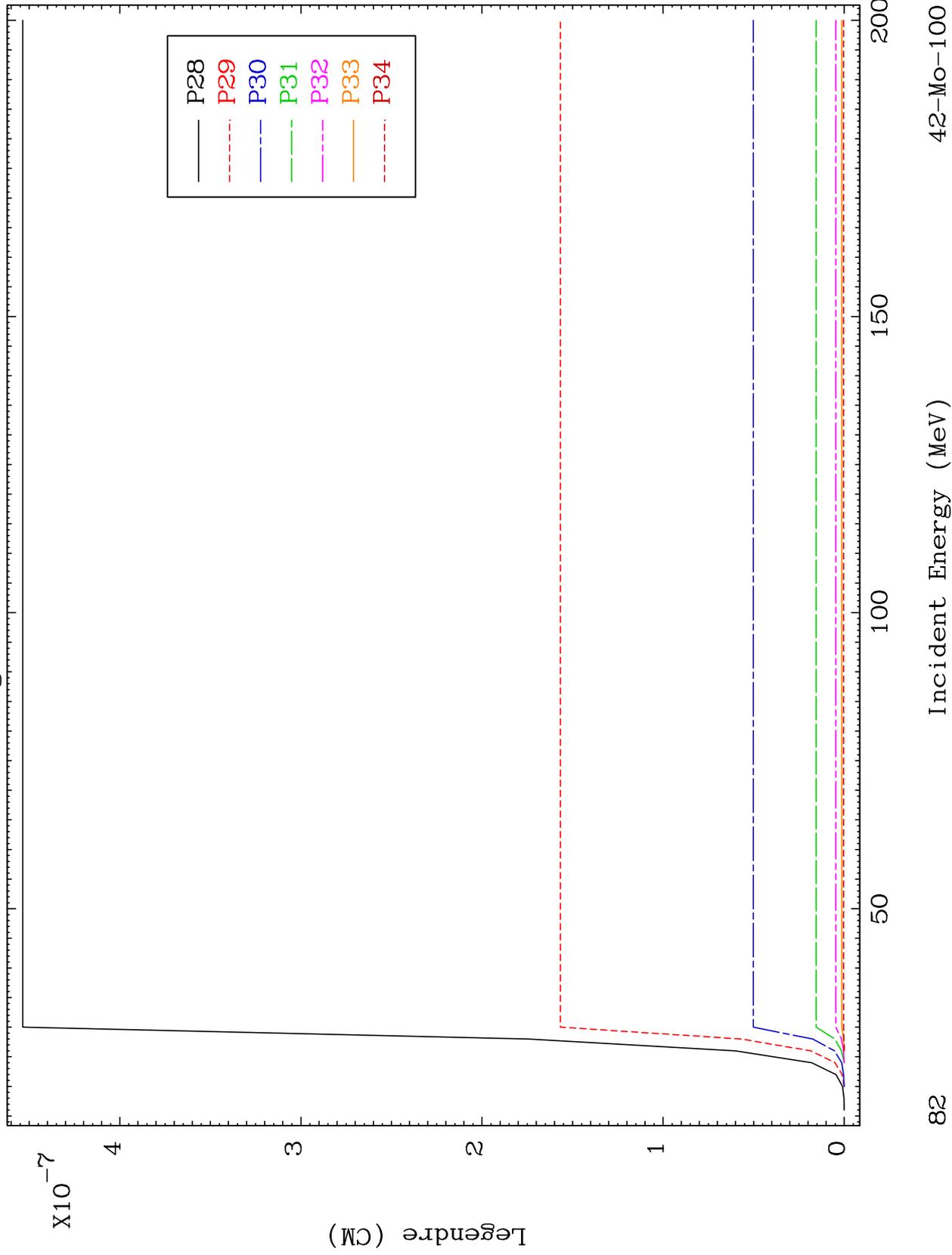


81

MAT 4249

MT= 67 (n,n') Level  
Legendre Coefficients

42-Mo-100

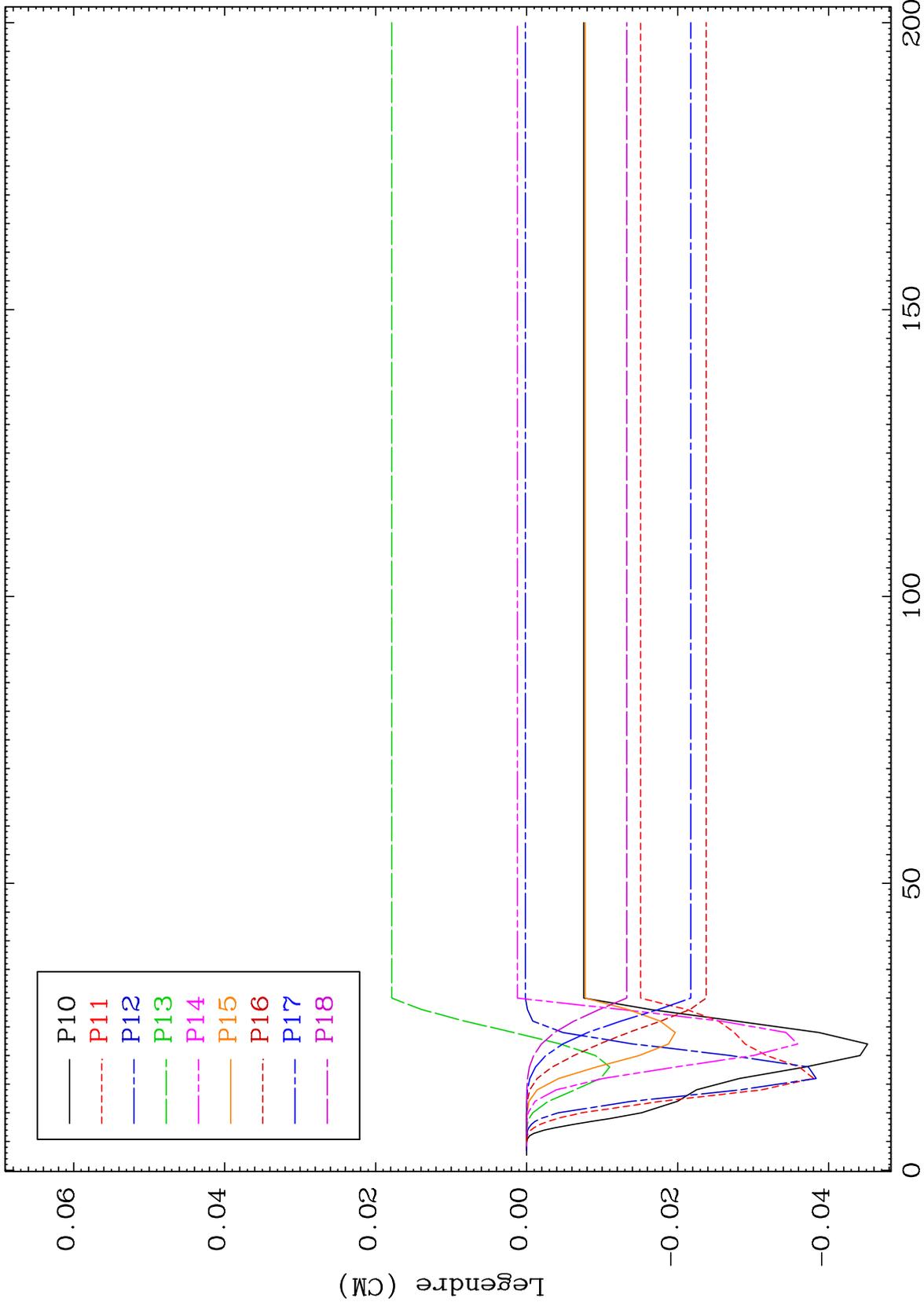




MAT 4249

MT= 68 (n,n') Level  
Legendre Coefficients

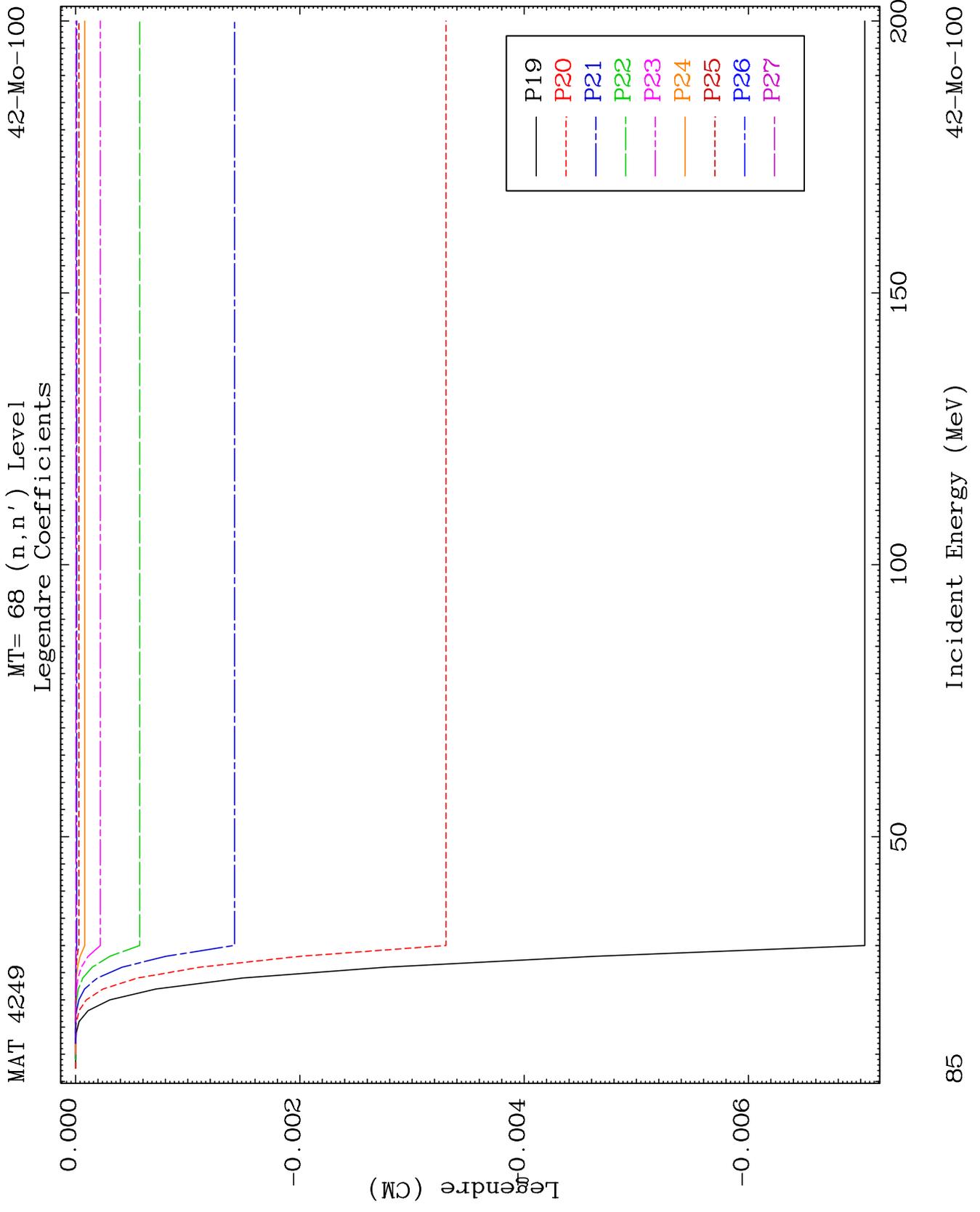
42-Mo-100

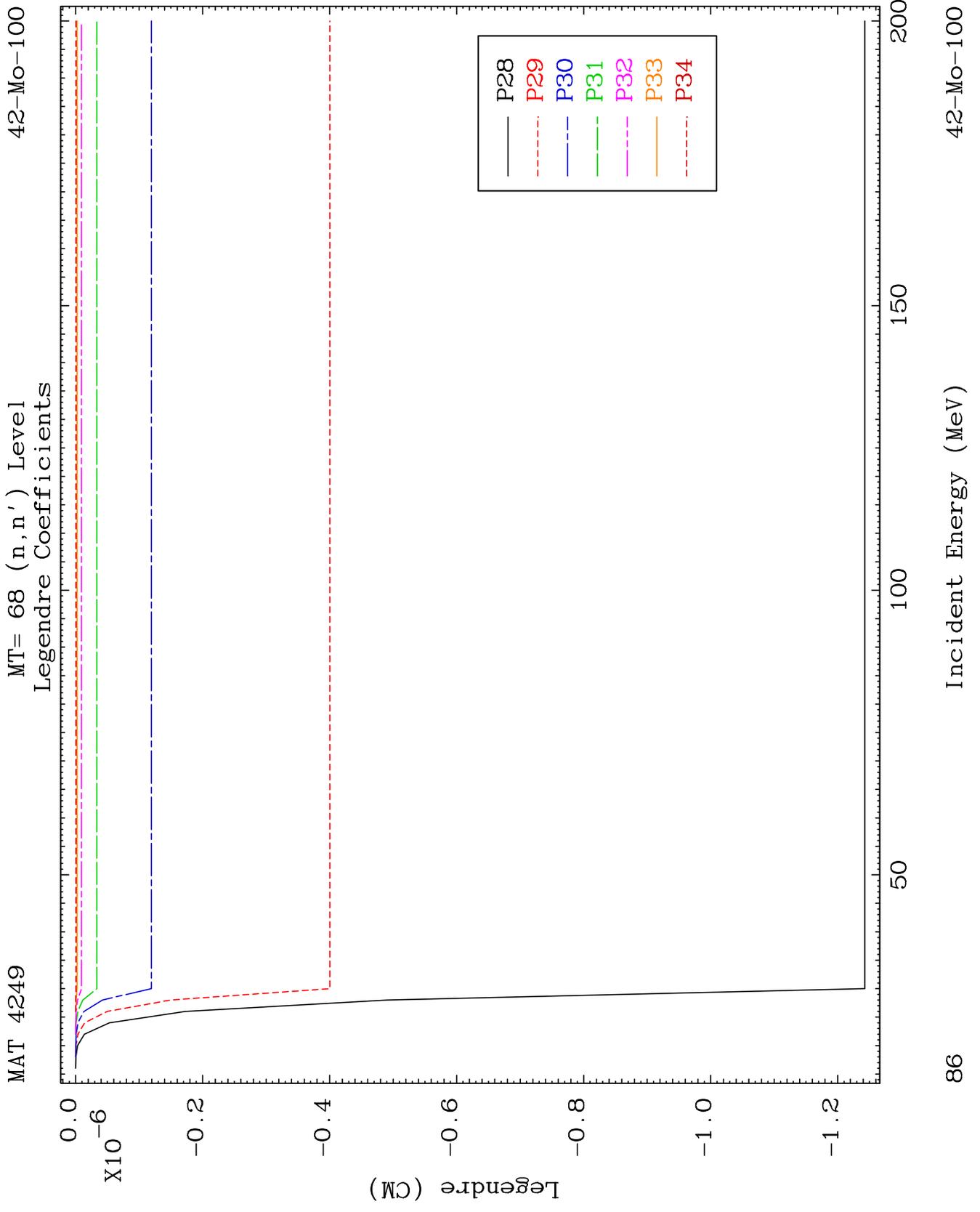


84

Incident Energy (MeV)

42-Mo-100

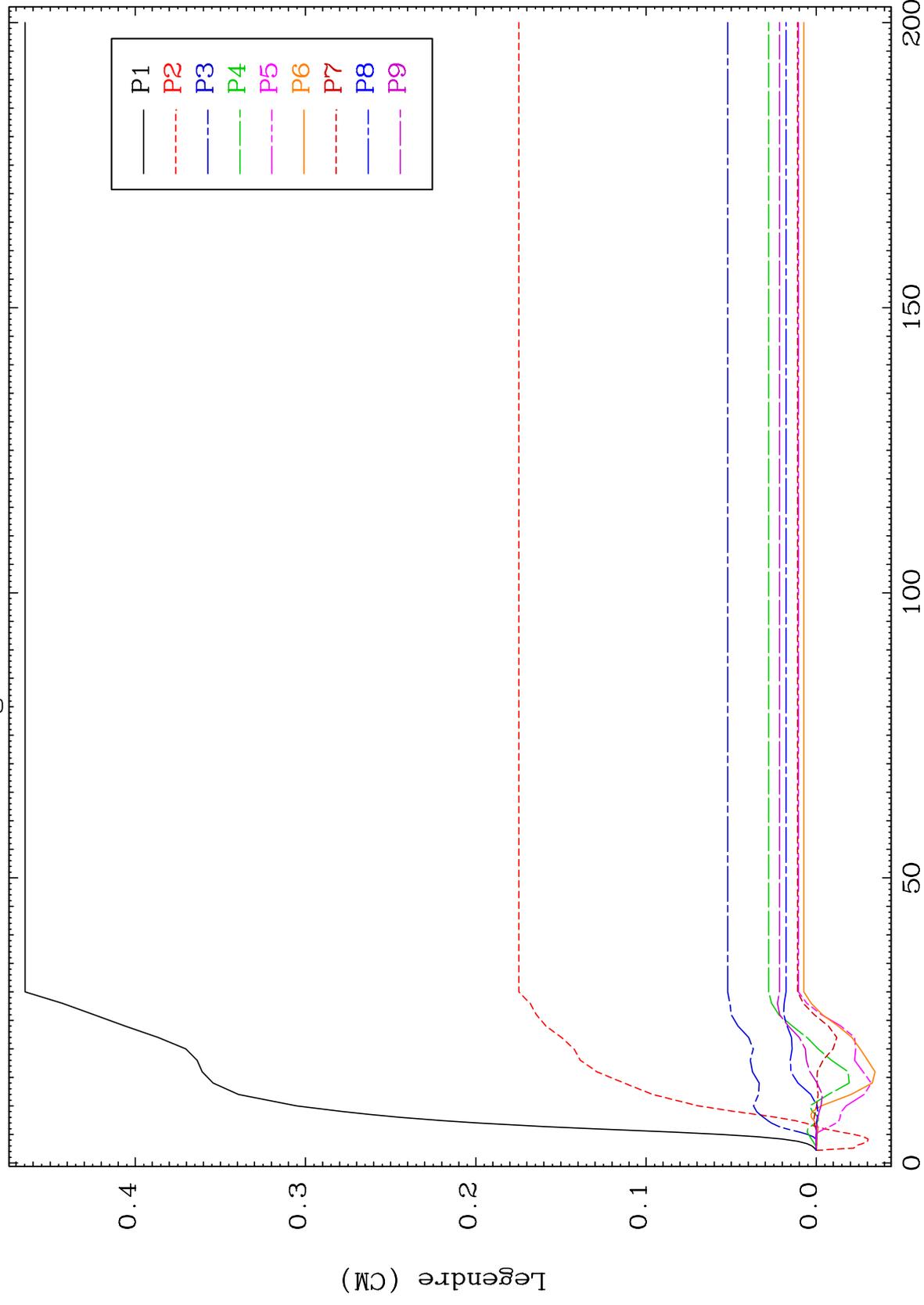




MAT 4249

MT= 69 (n,n') Level  
Legendre Coefficients

42-Mo-100



87

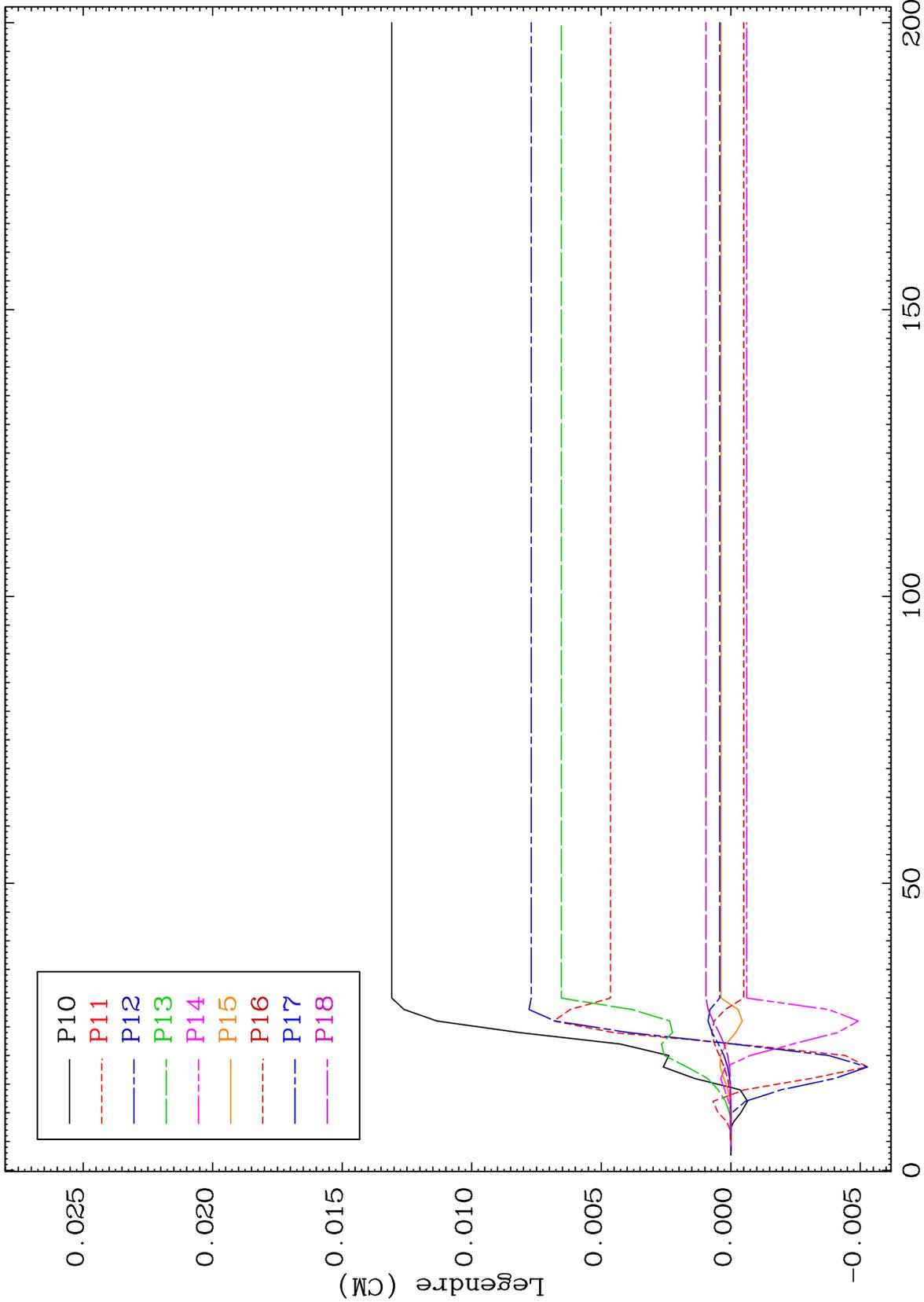
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 69 (n,n') Level  
Legendre Coefficients

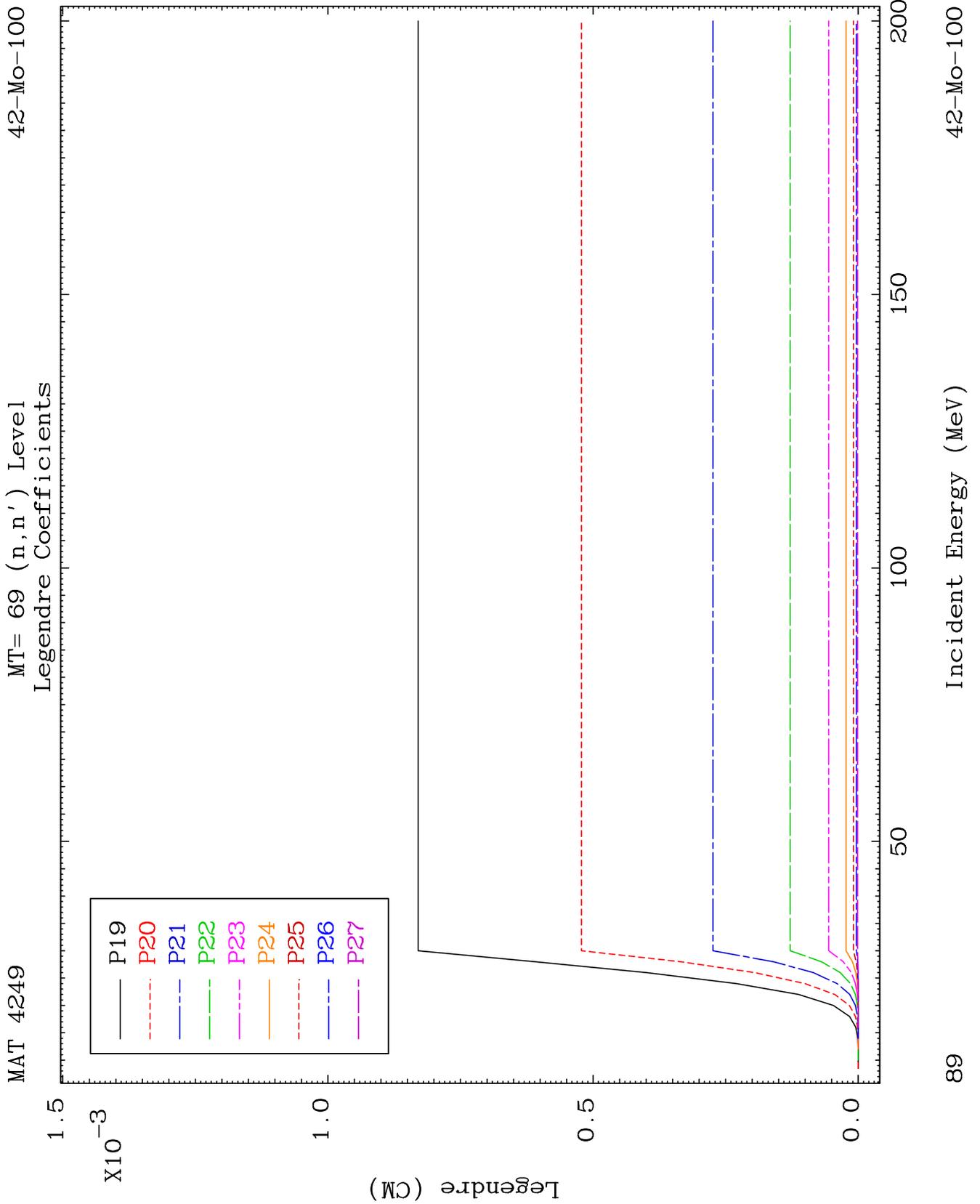
42-Mo-100



88

Incident Energy (MeV)

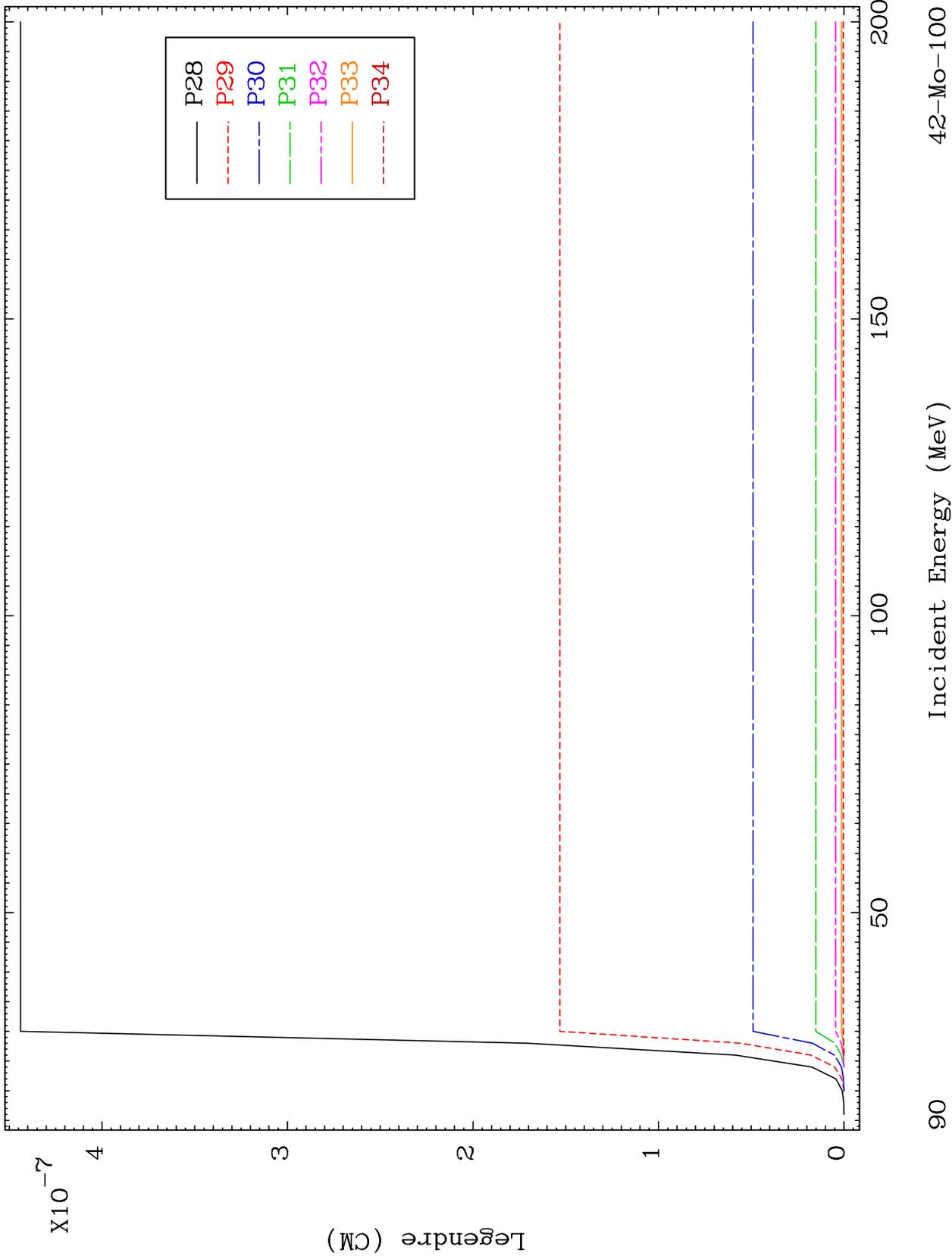
42-Mo-100



MAT 4249

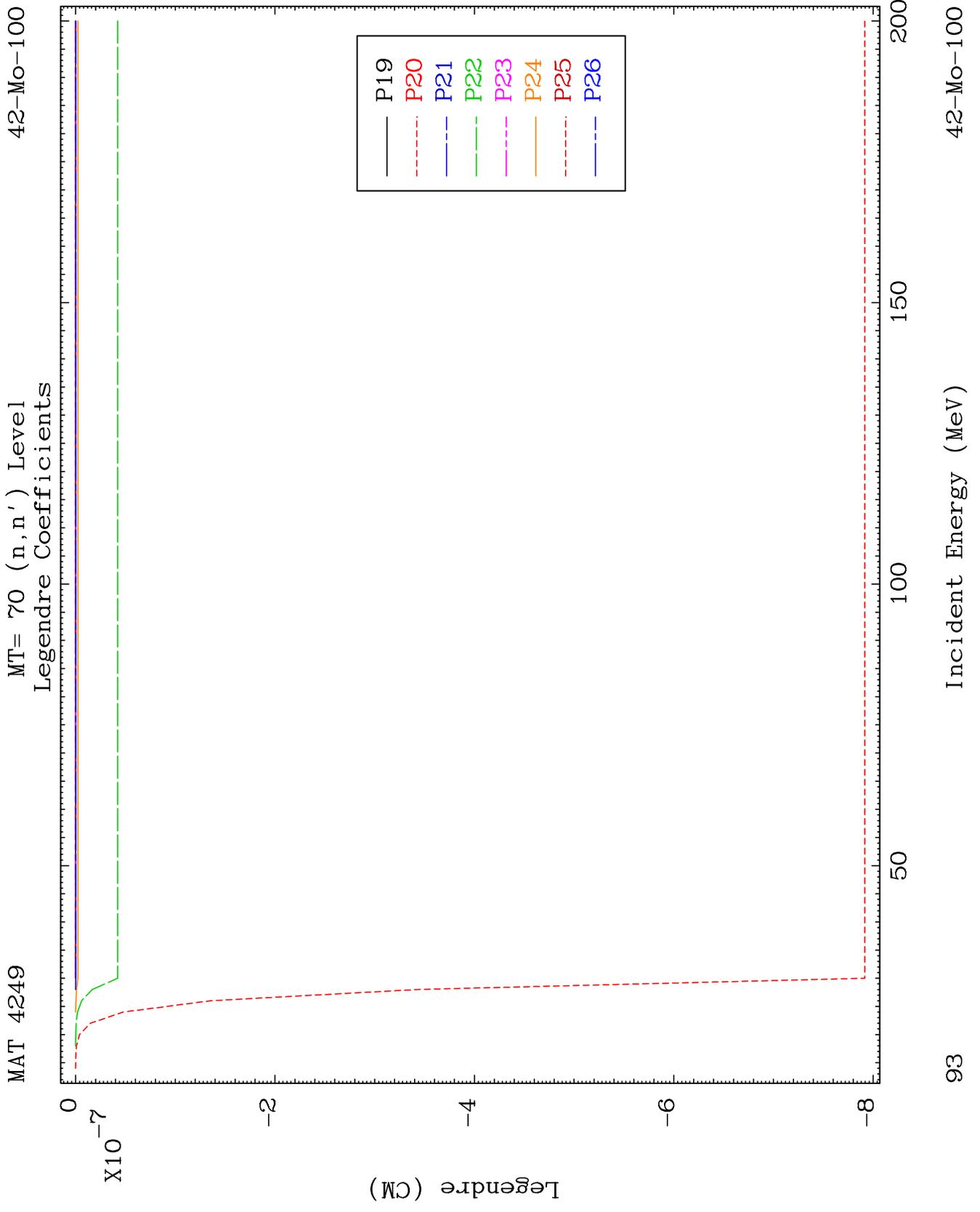
MT= 69 (n,n') Level  
Legendre Coefficients

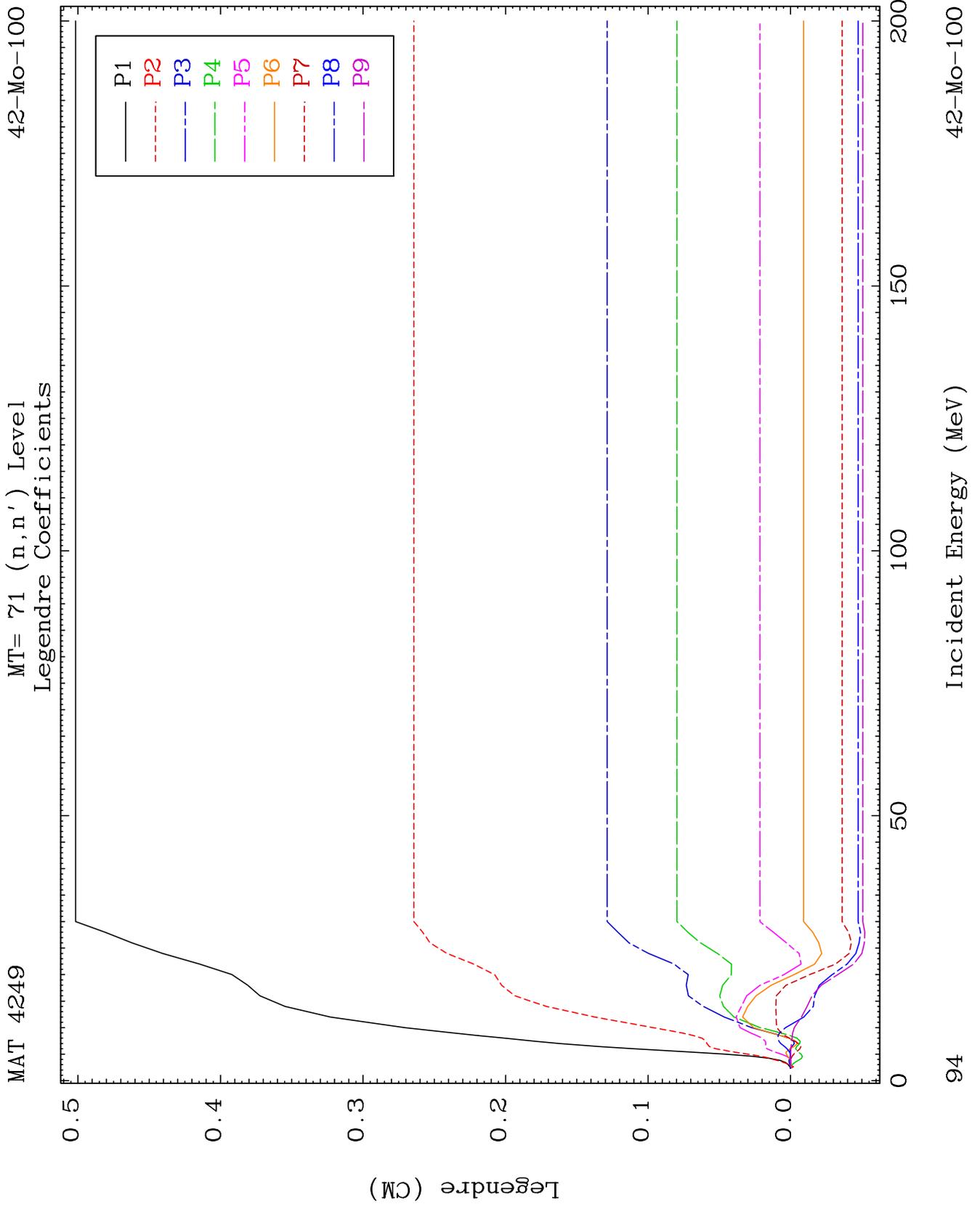
42-Mo-100

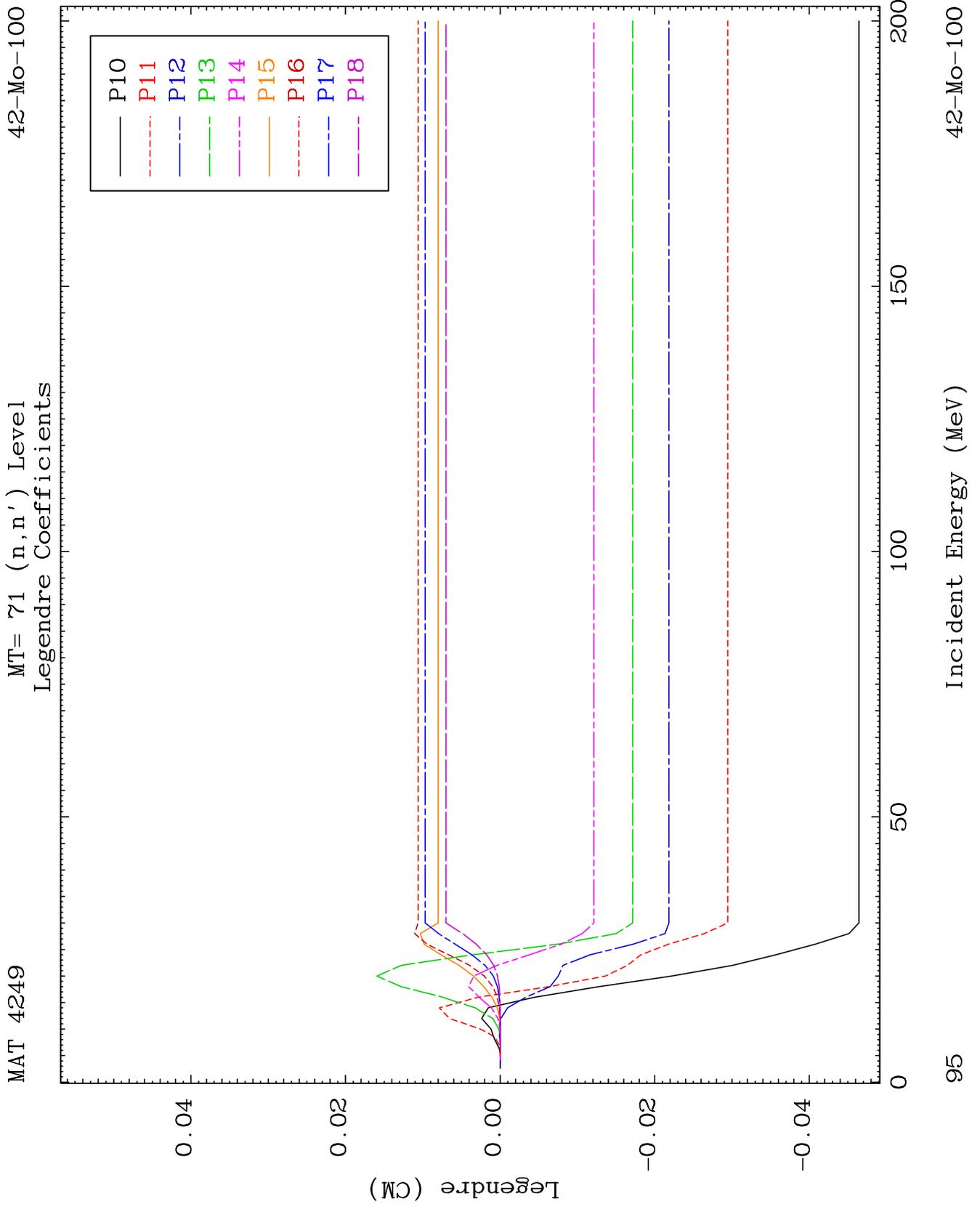


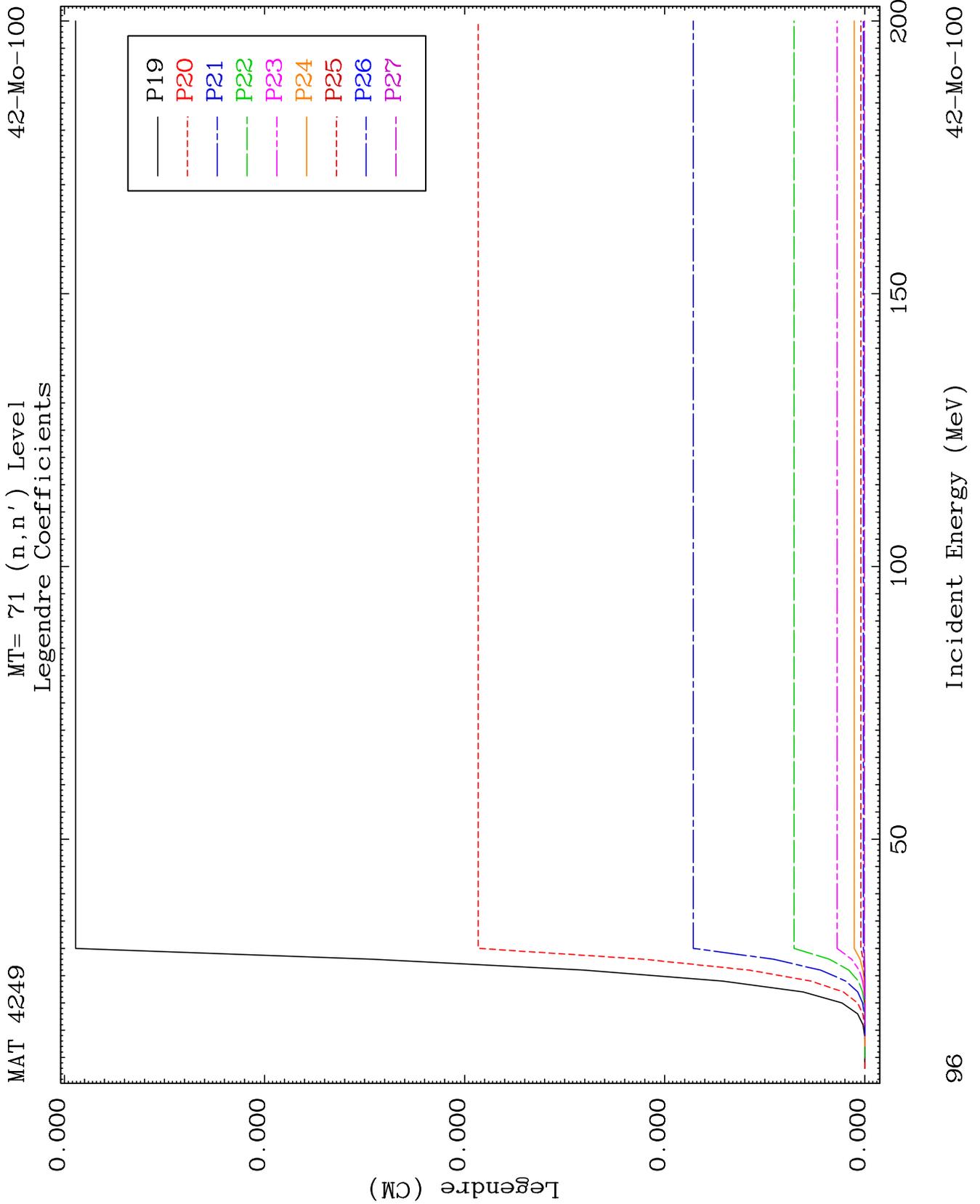








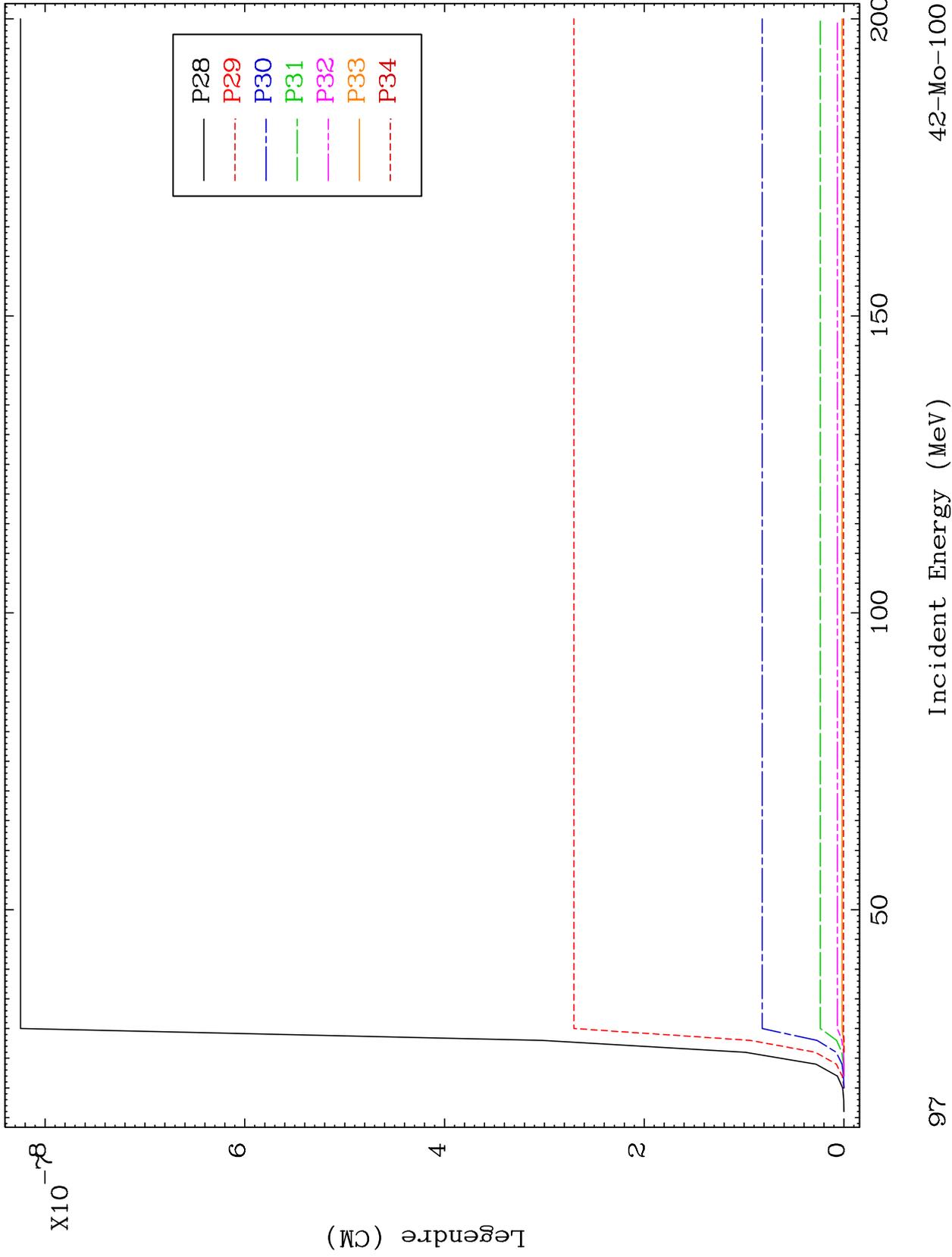




MAT 4249

MT= 71 (n,n') Level  
Legendre Coefficients

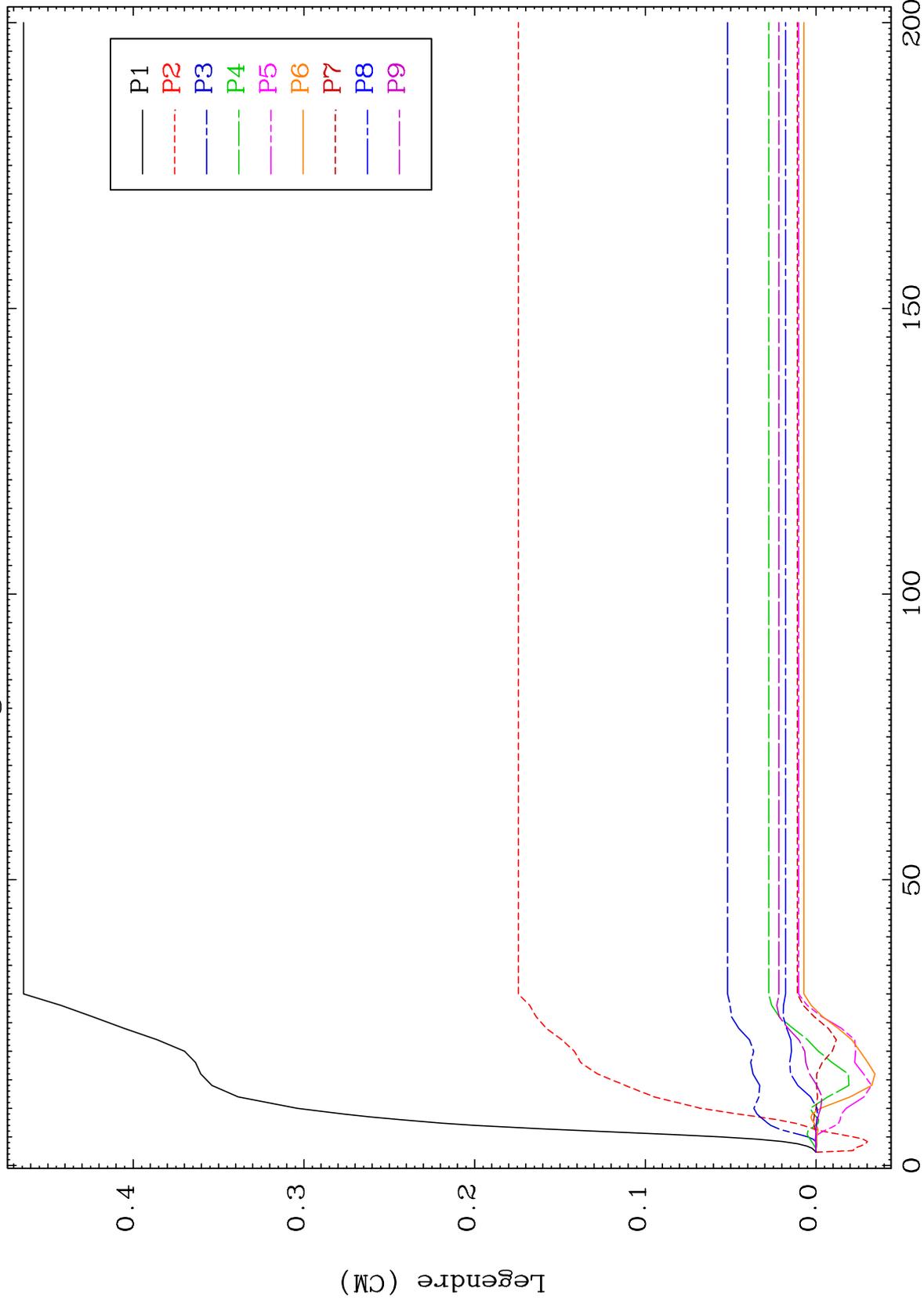
42-Mo-100



MAT 4249

MT= 72 (n,n') Level  
Legendre Coefficients

42-Mo-100



98

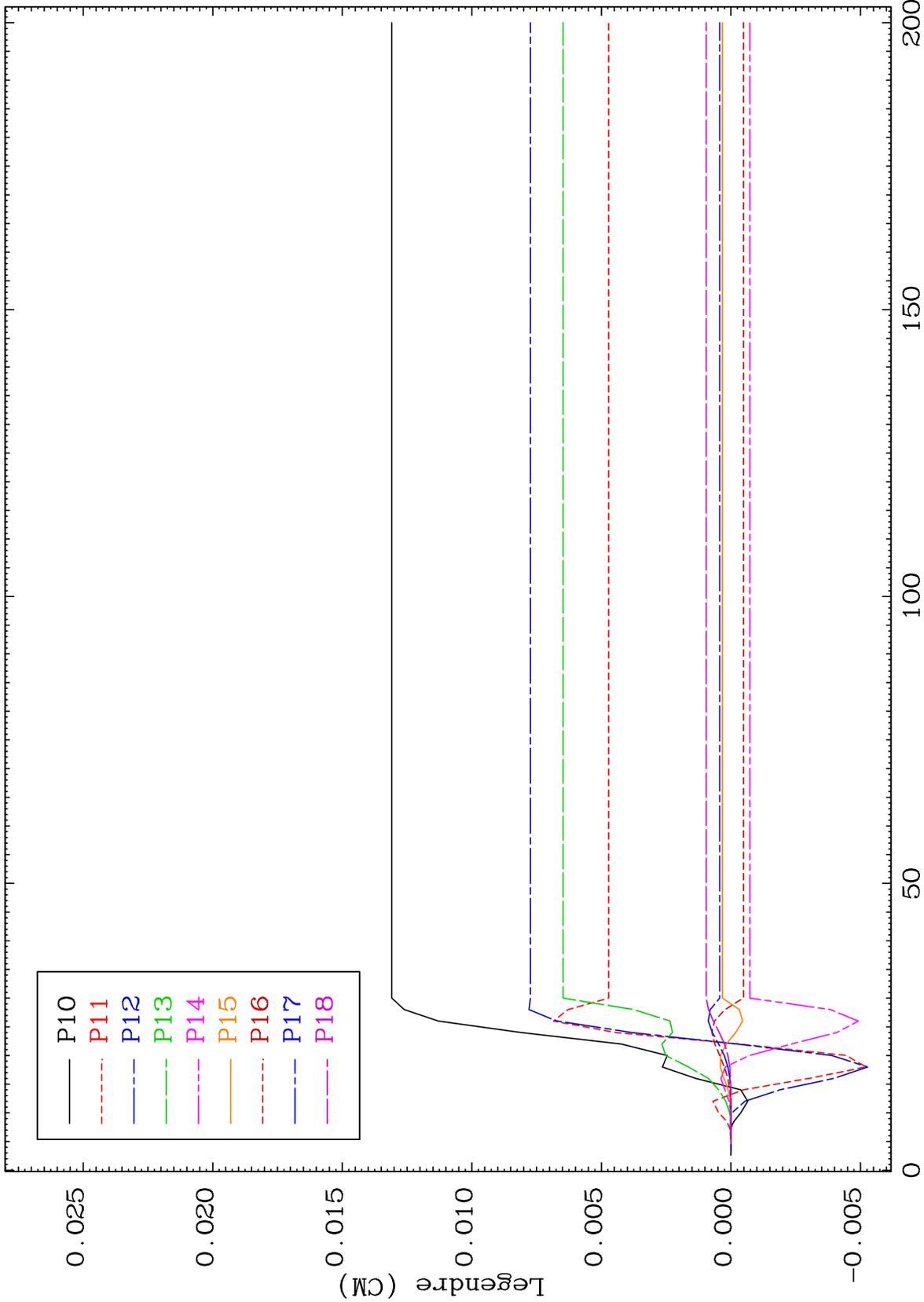
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 72 (n,n') Level  
Legendre Coefficients

42-Mo-100



99

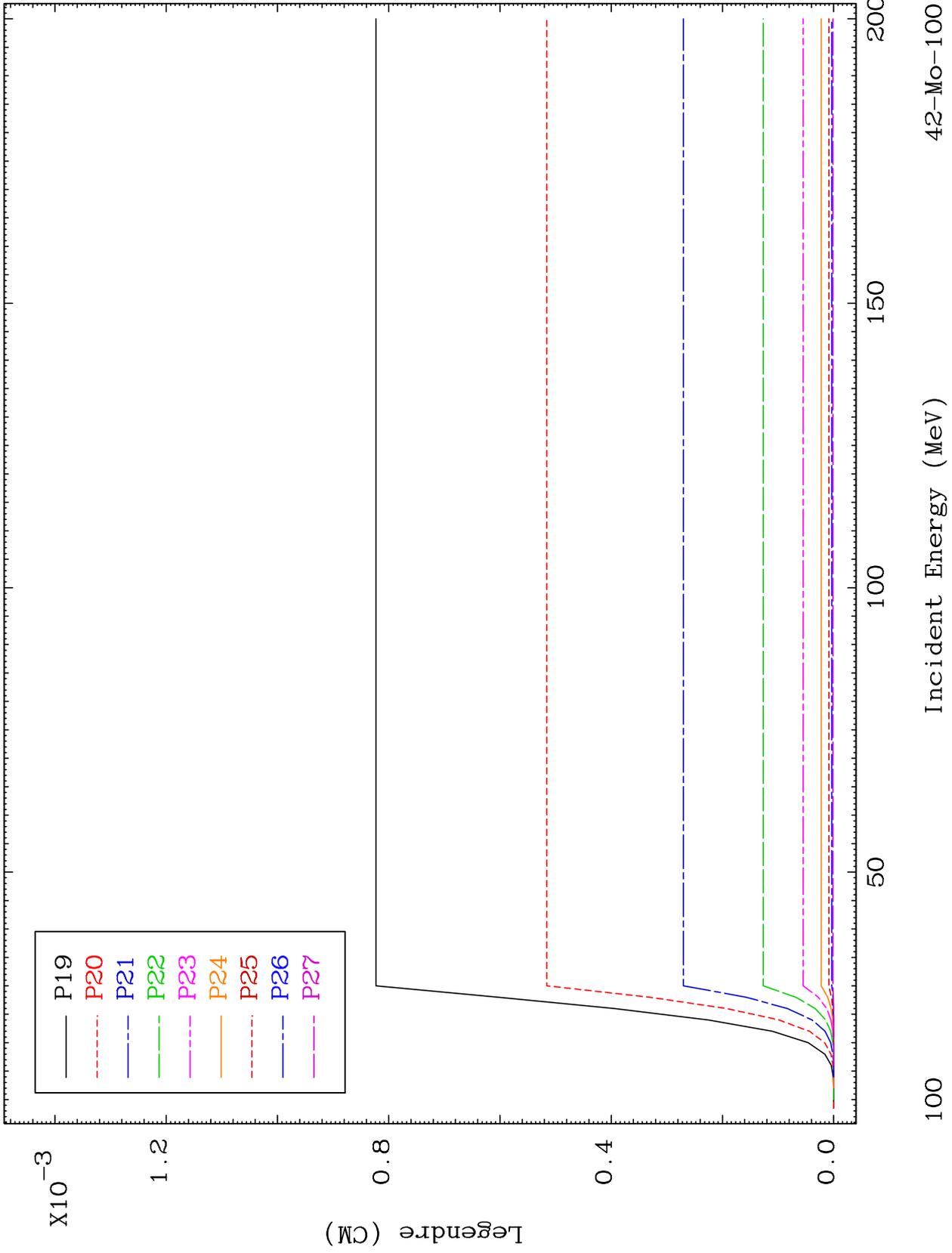
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 72 (n,n') Level  
Legendre Coefficients

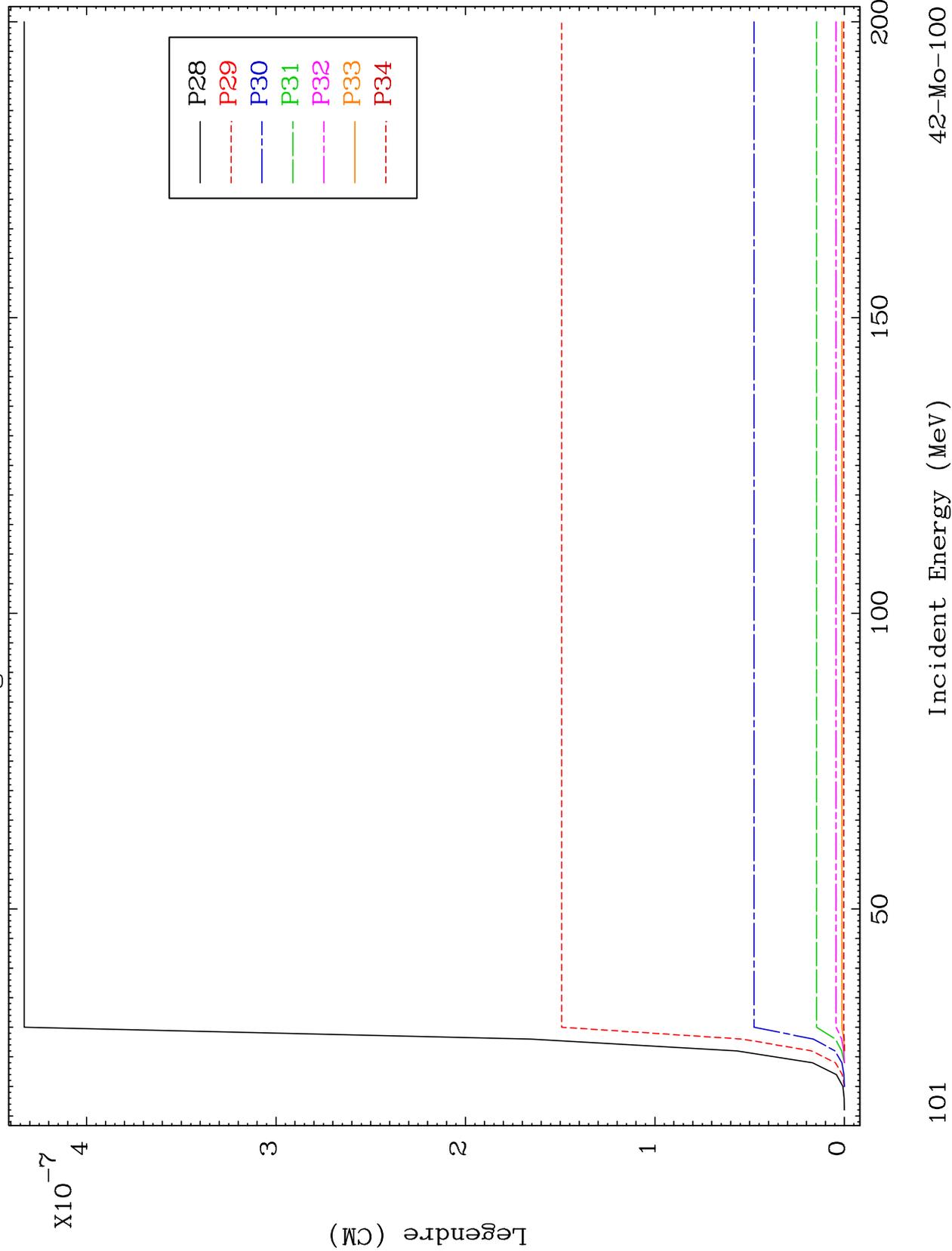
42-Mo-100



MAT 4249

MT= 72 (n,n') Level  
Legendre Coefficients

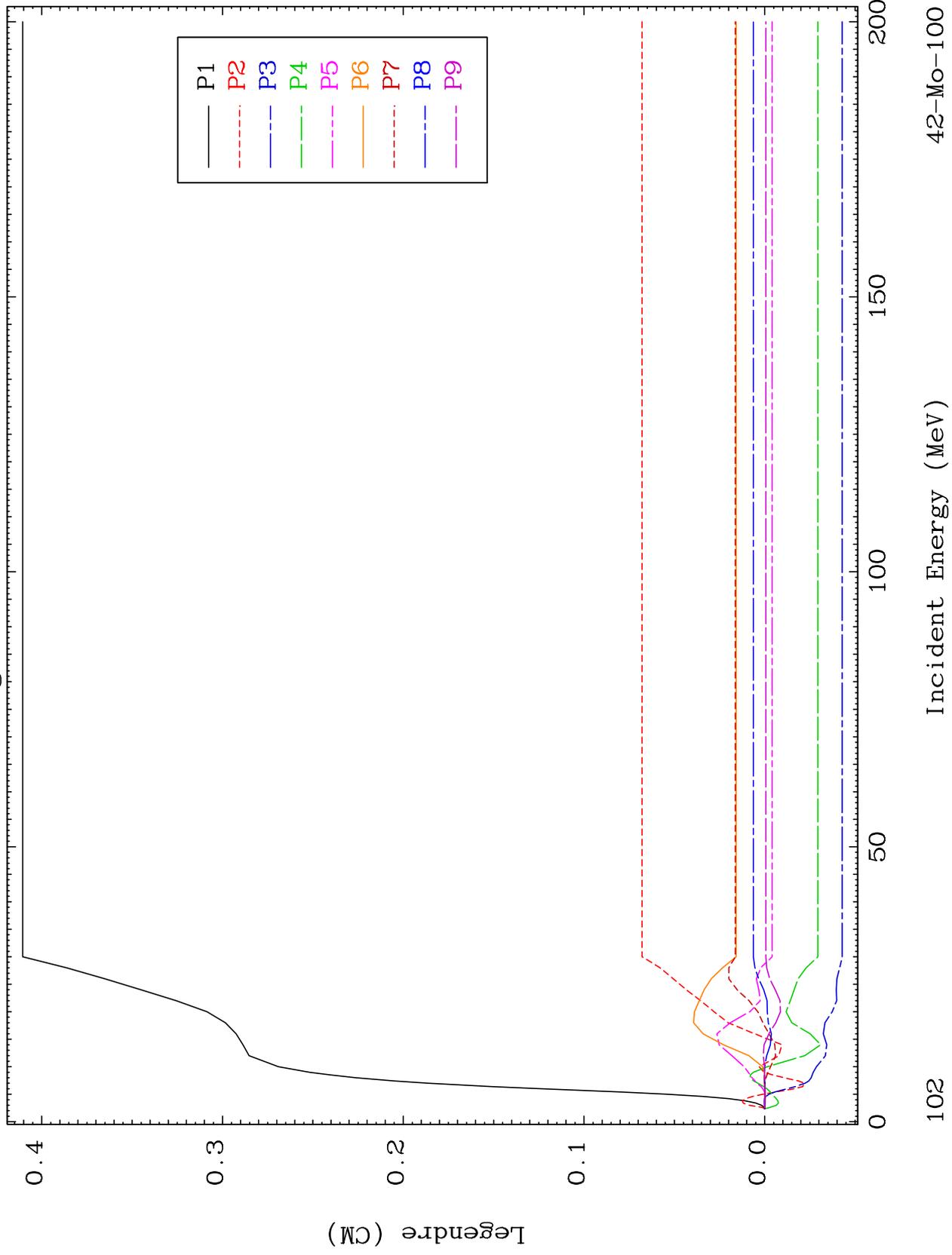
42-Mo-100



MAT 4249

MT= 73 (n,n') Level  
Legendre Coefficients

42-Mo-100



42-Mo-100

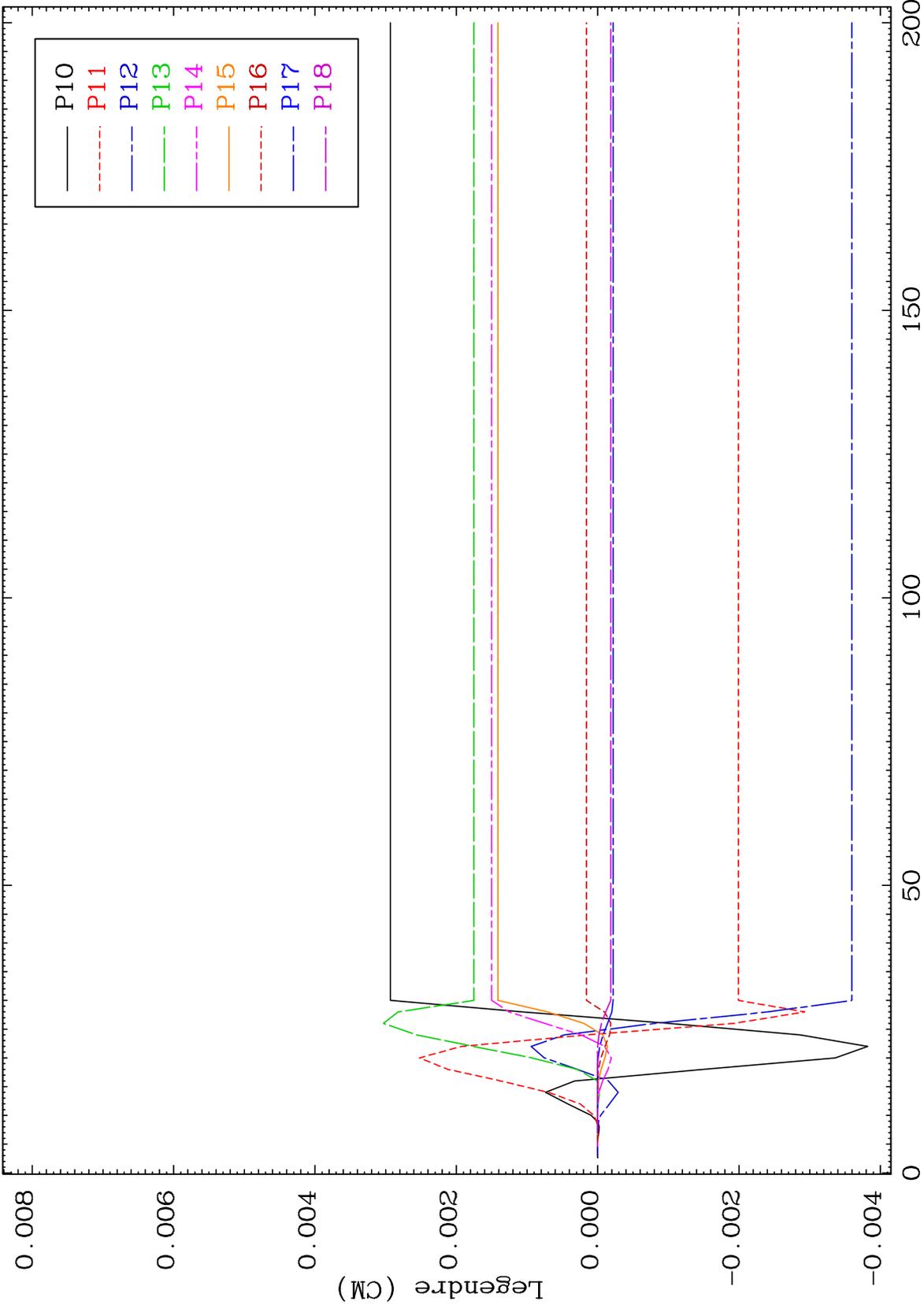
Incident Energy (MeV)

102

MAT 4249

MT= 73 (n,n') Level  
Legendre Coefficients

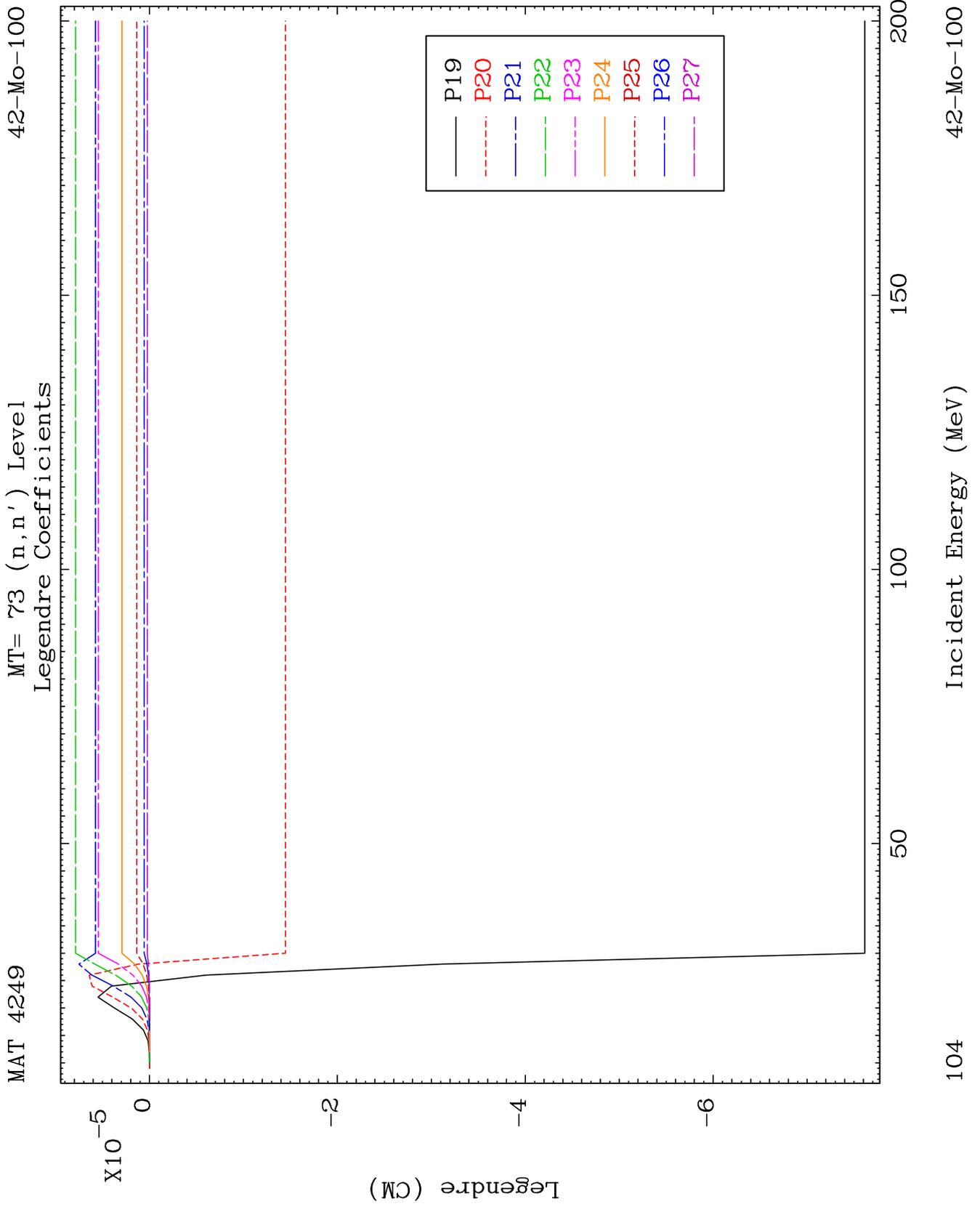
42-Mo-100



103

Incident Energy (MeV)

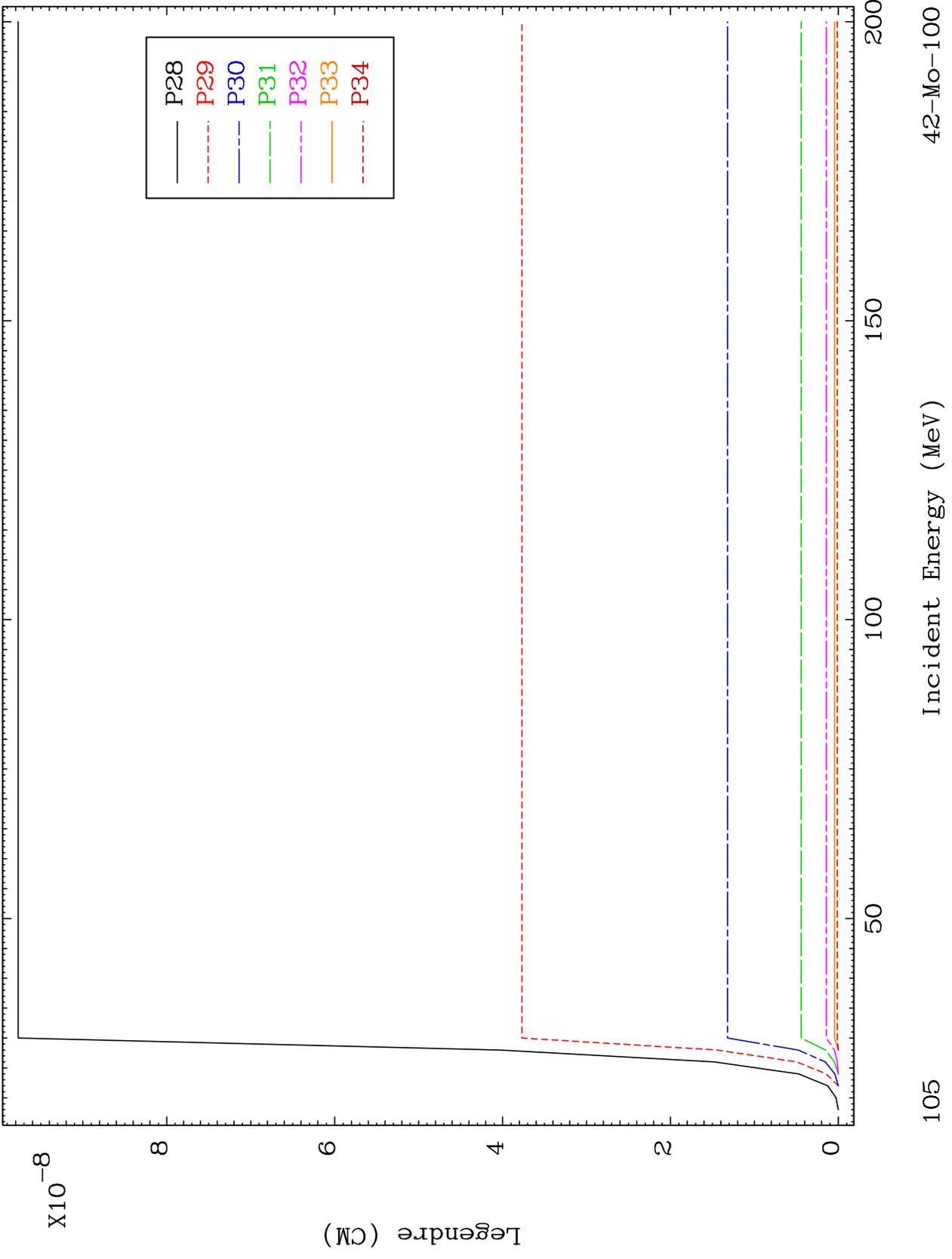
42-Mo-100



MAT 4249

MT= 73 (n,n') Level  
Legendre Coefficients

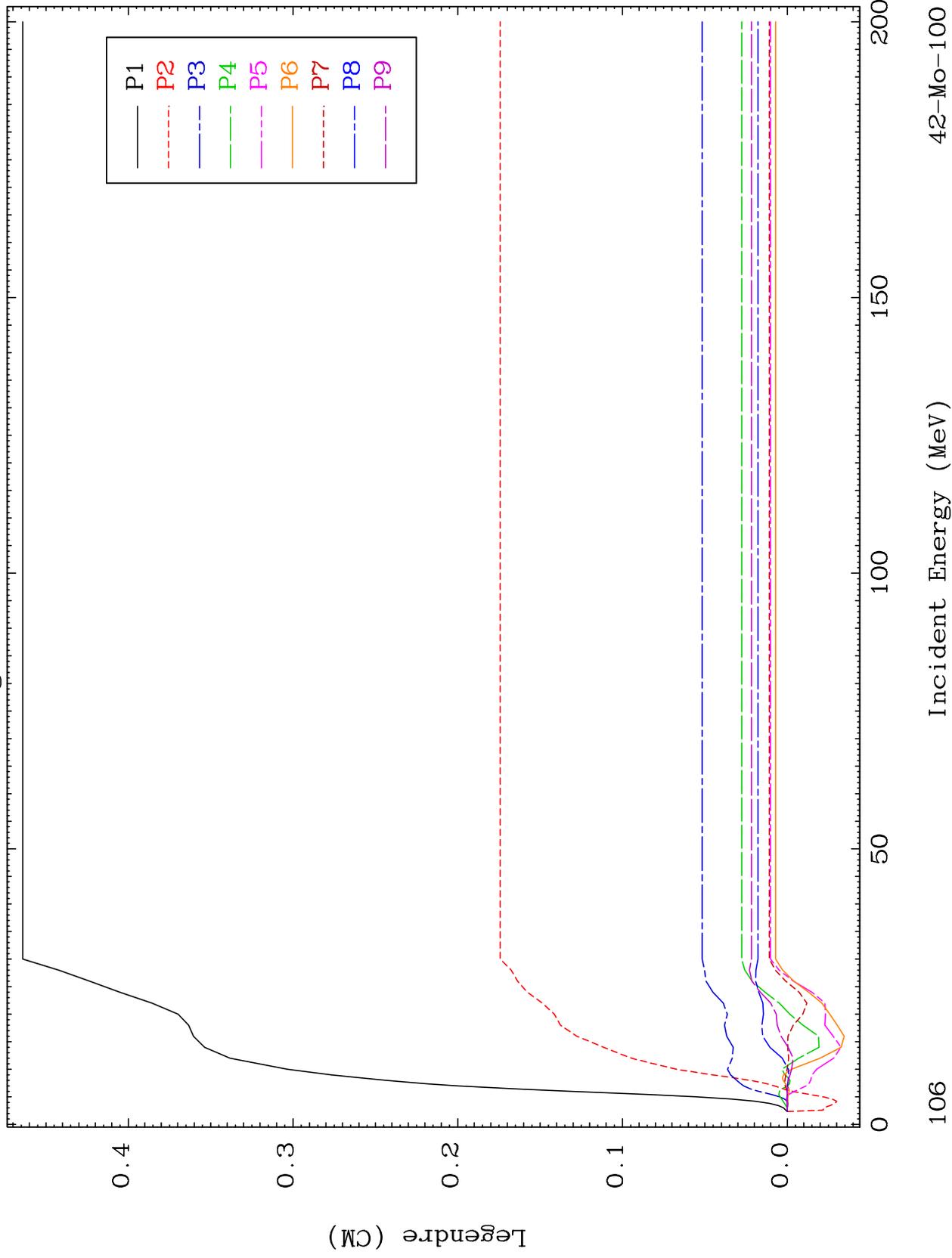
42-Mo-100



MAT 4249

MT= 74 (n,n') Level  
Legendre Coefficients

42-Mo-100



106

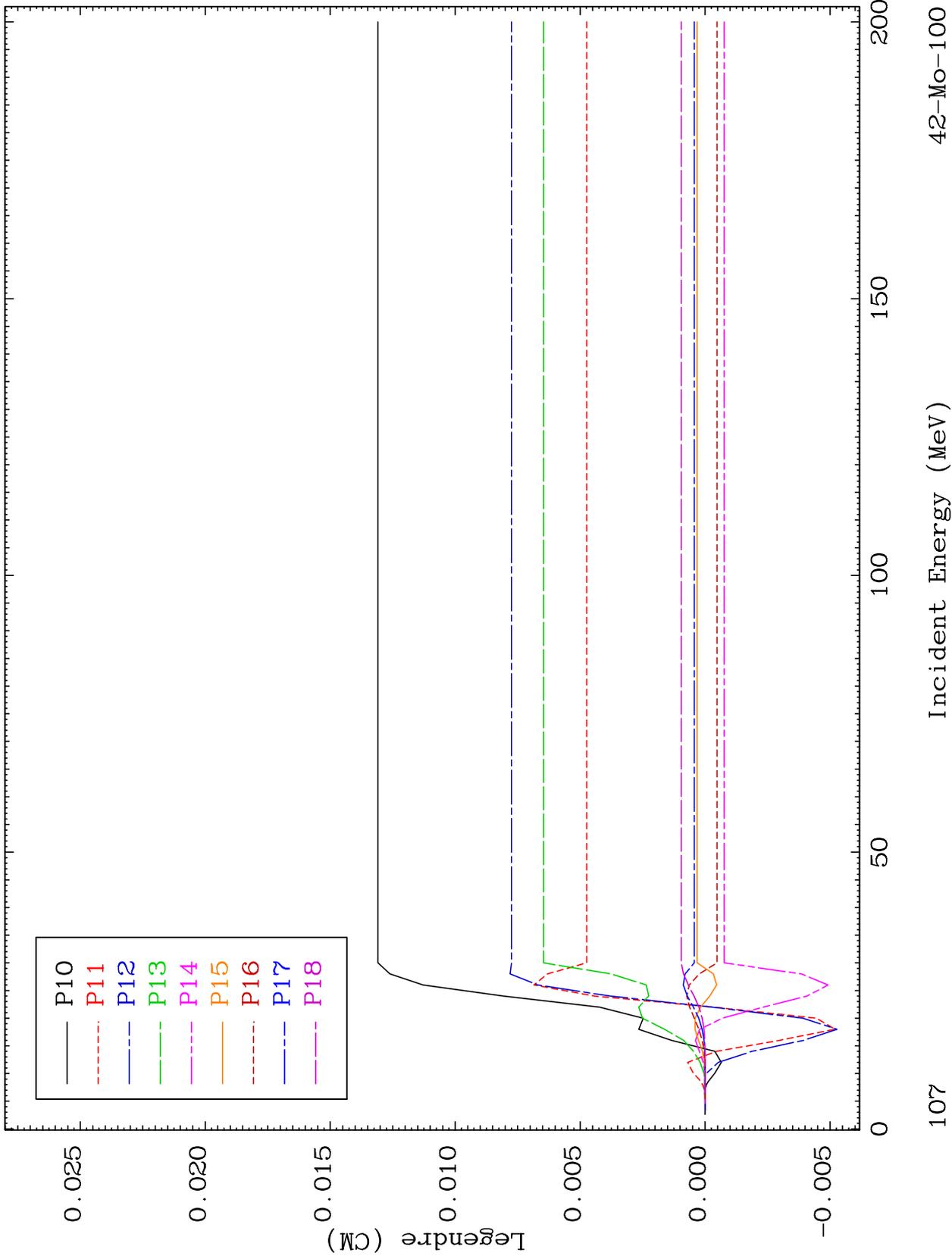
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 74 (n,n') Level  
Legendre Coefficients

42-Mo-100



107

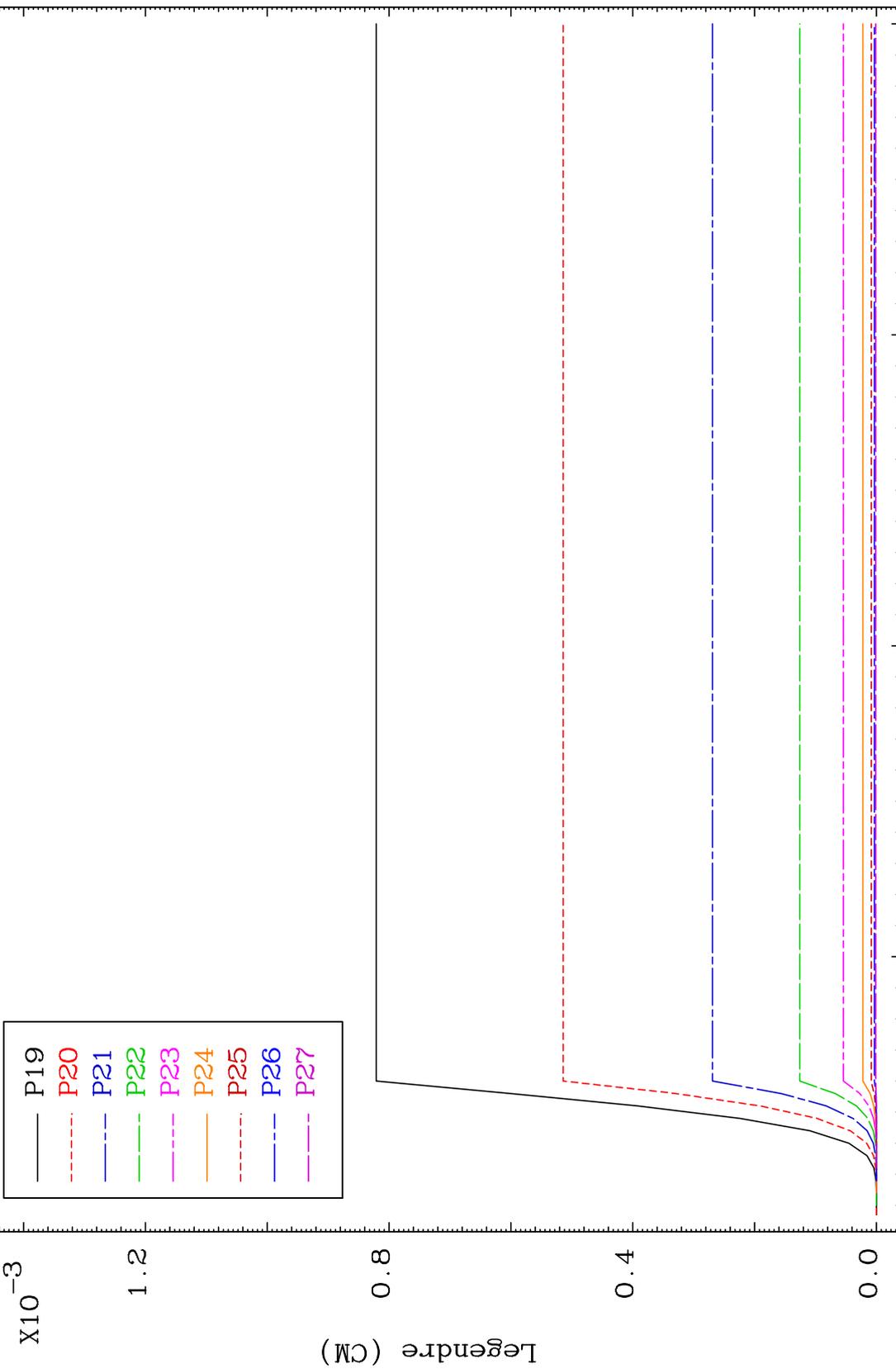
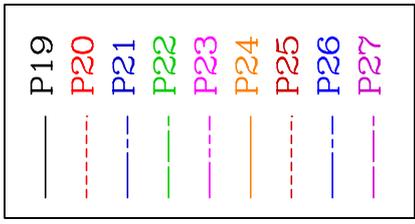
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 74 (n,n') Level  
Legendre Coefficients

42-Mo-100



108

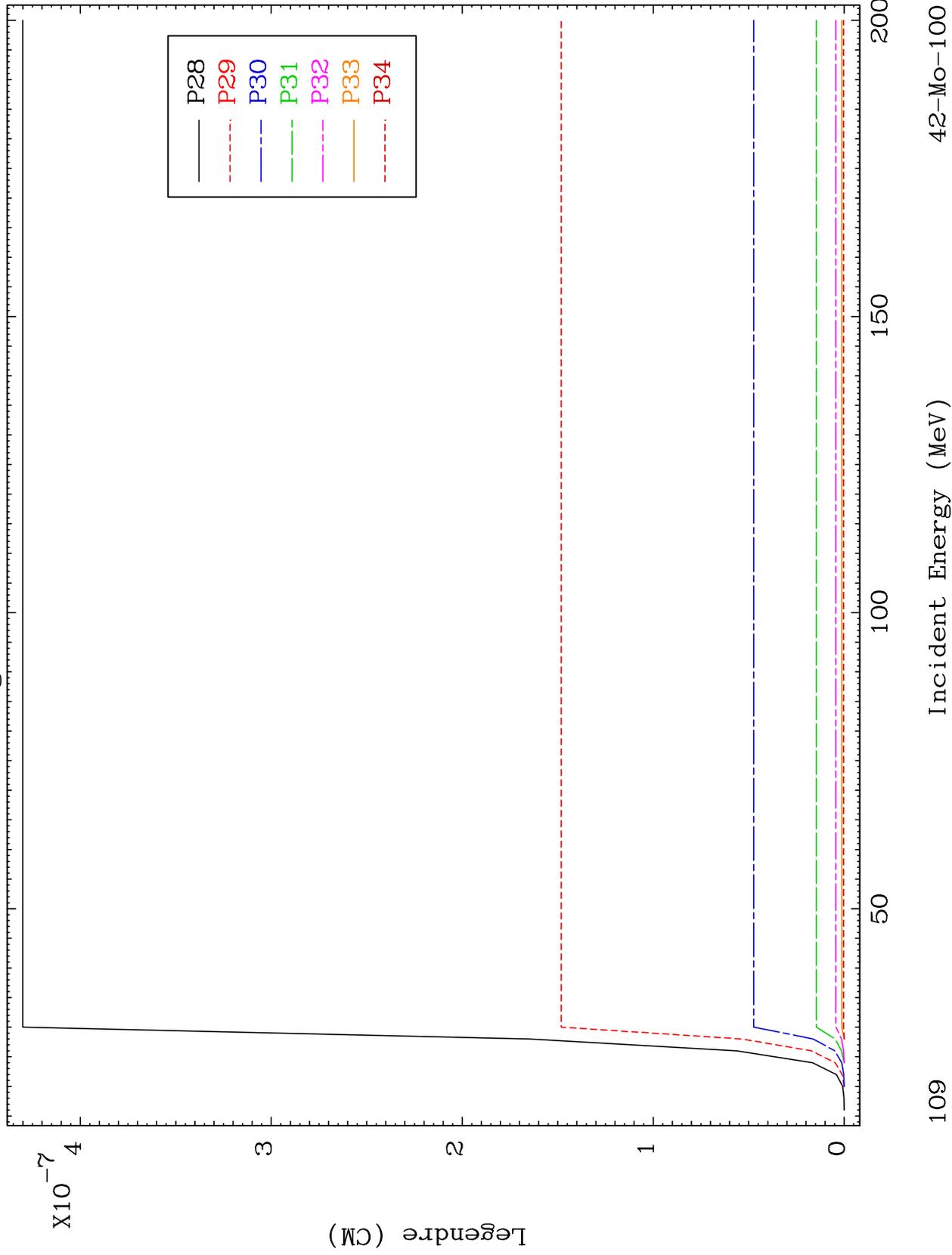
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 74 (n,n') Level  
Legendre Coefficients

42-Mo-100



109

Incident Energy (MeV)

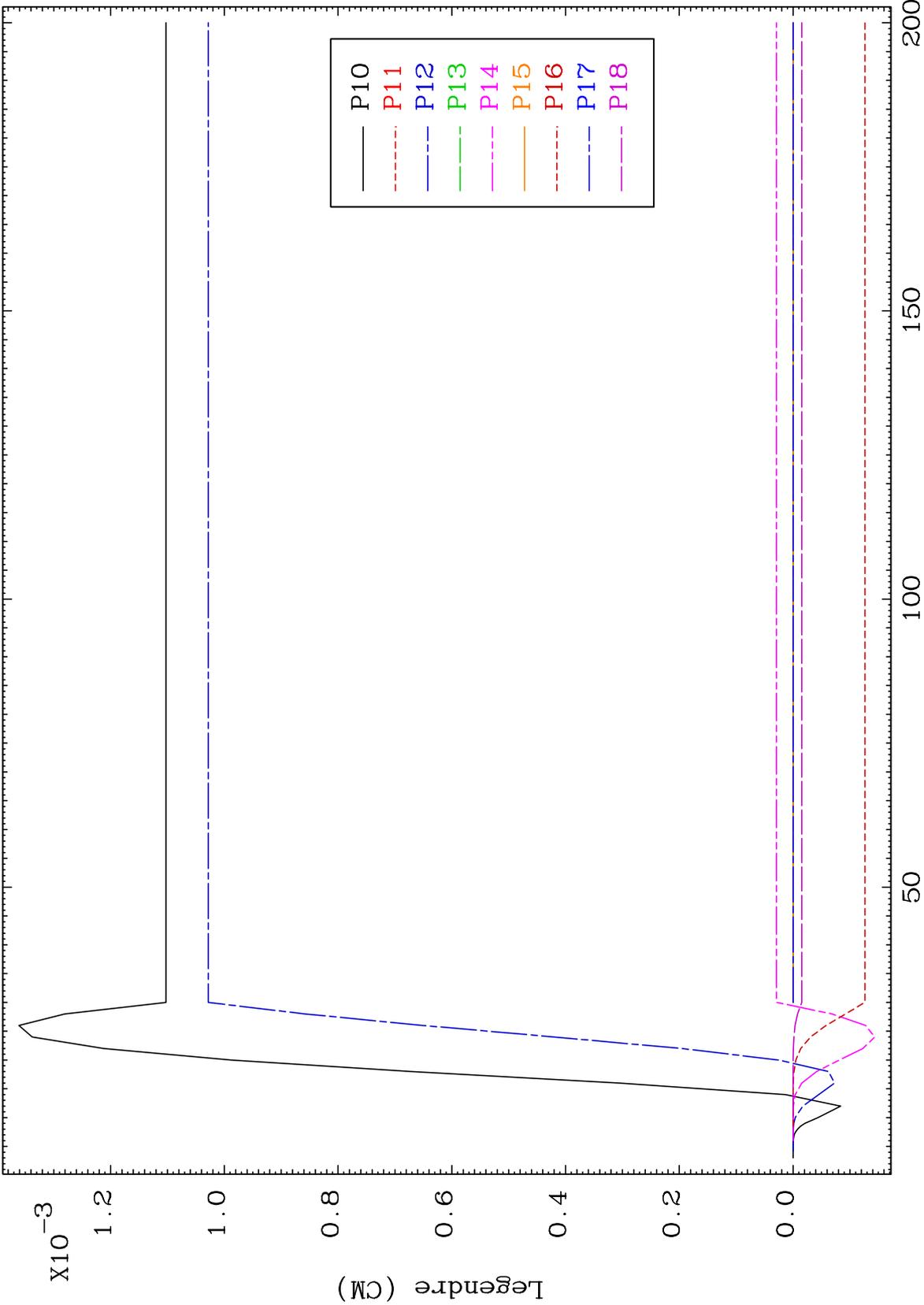
42-Mo-100



MAT 4249

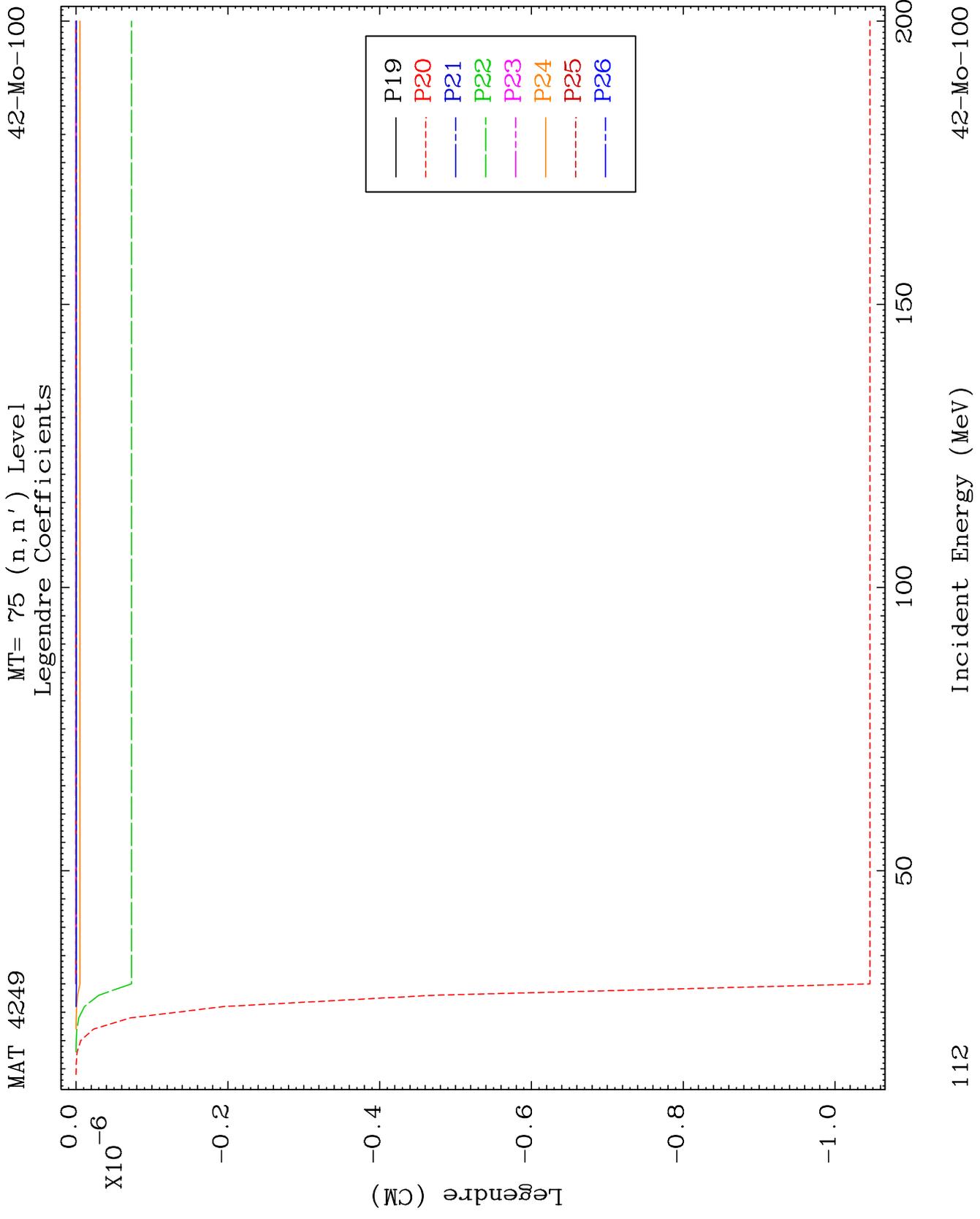
MT= 75 (n,n') Level  
Legendre Coefficients

42-Mo-100



111

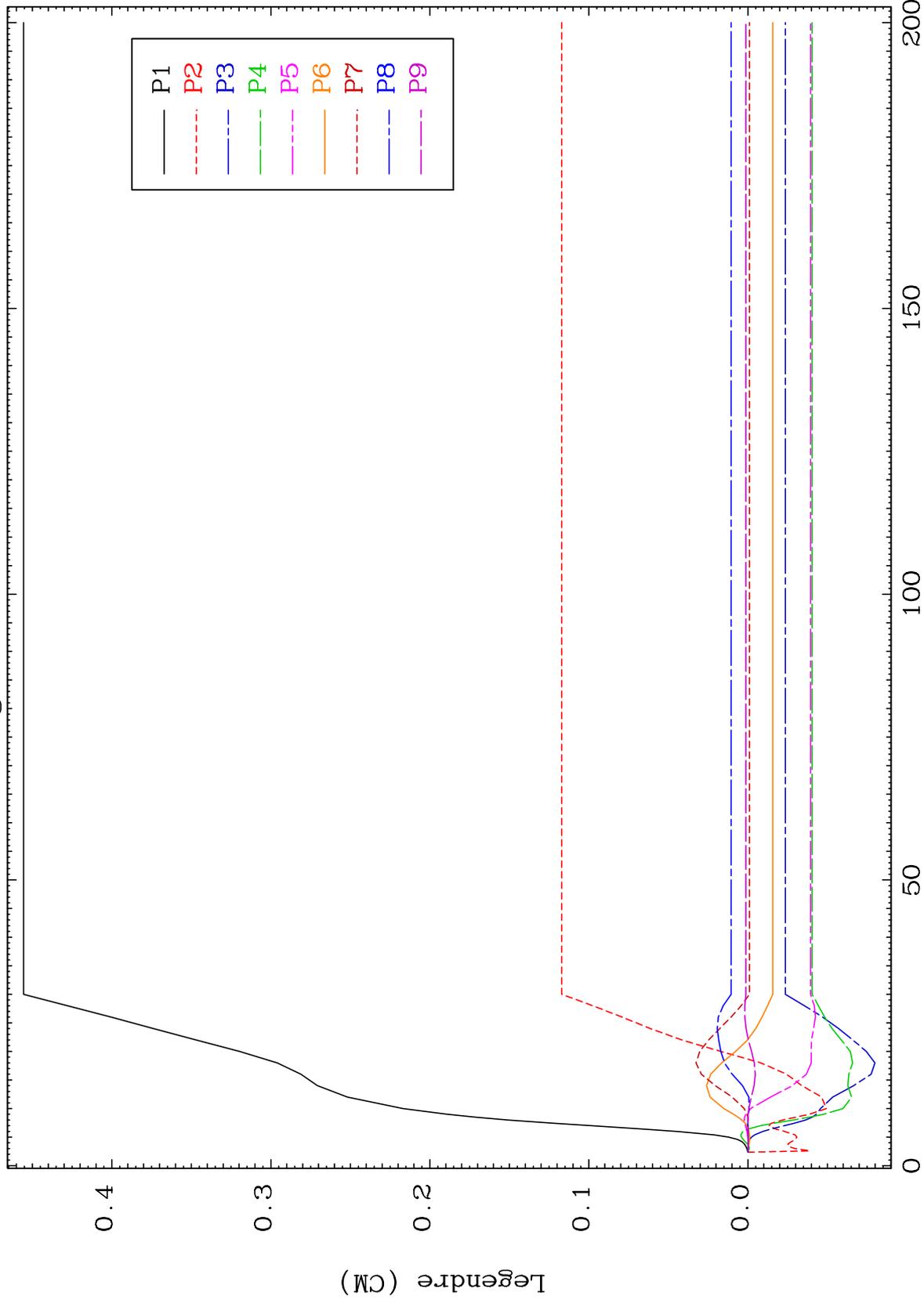
42-Mo-100



MAT 4249

MT= 76 (n,n') Level  
Legendre Coefficients

42-Mo-100



113

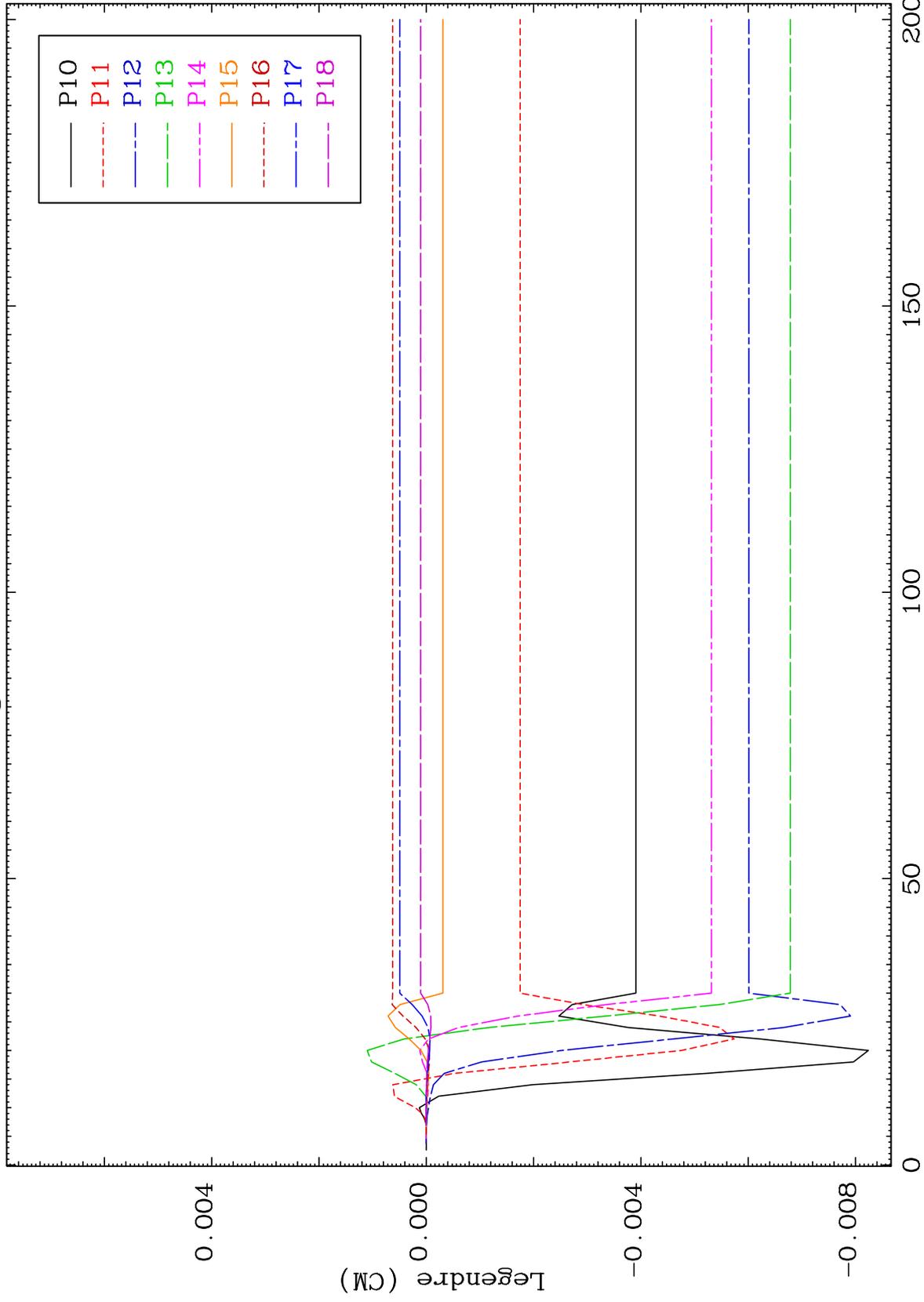
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 76 (n,n') Level  
Legendre Coefficients

42-Mo-100



114

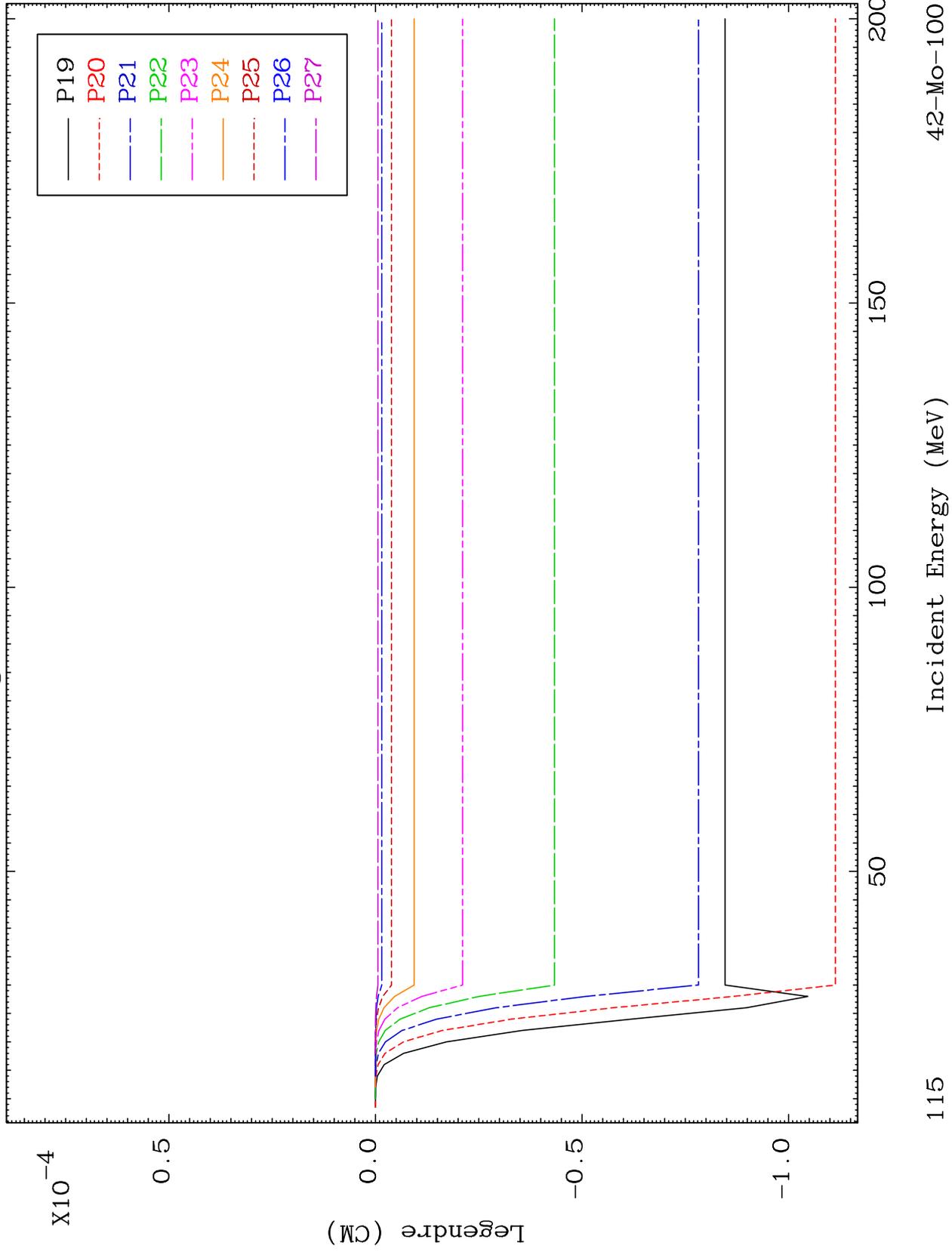
Incident Energy (MeV)

42-Mo-100

MAT 4249

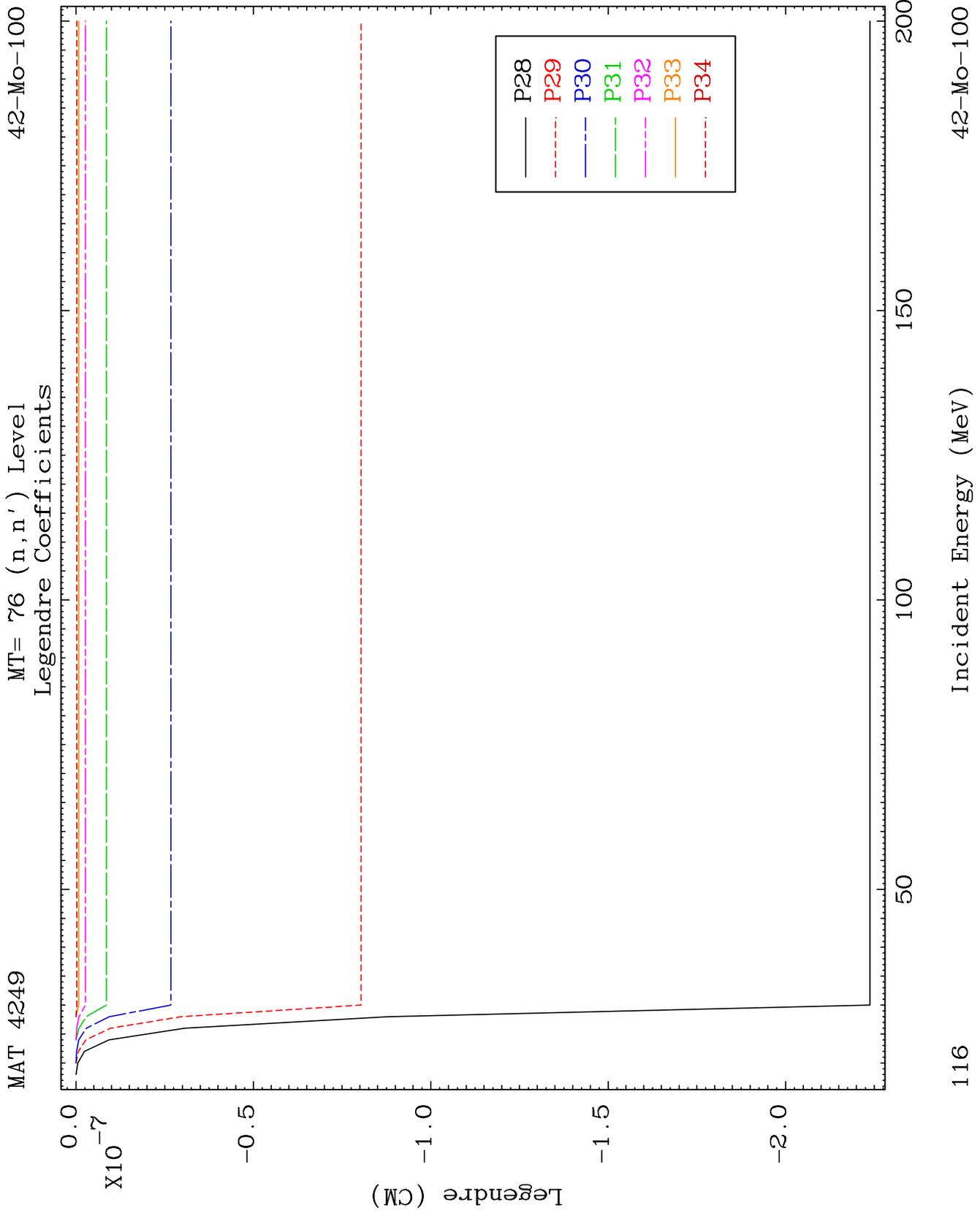
MT= 76 (n,n') Level  
Legendre Coefficients

42-Mo-100



115

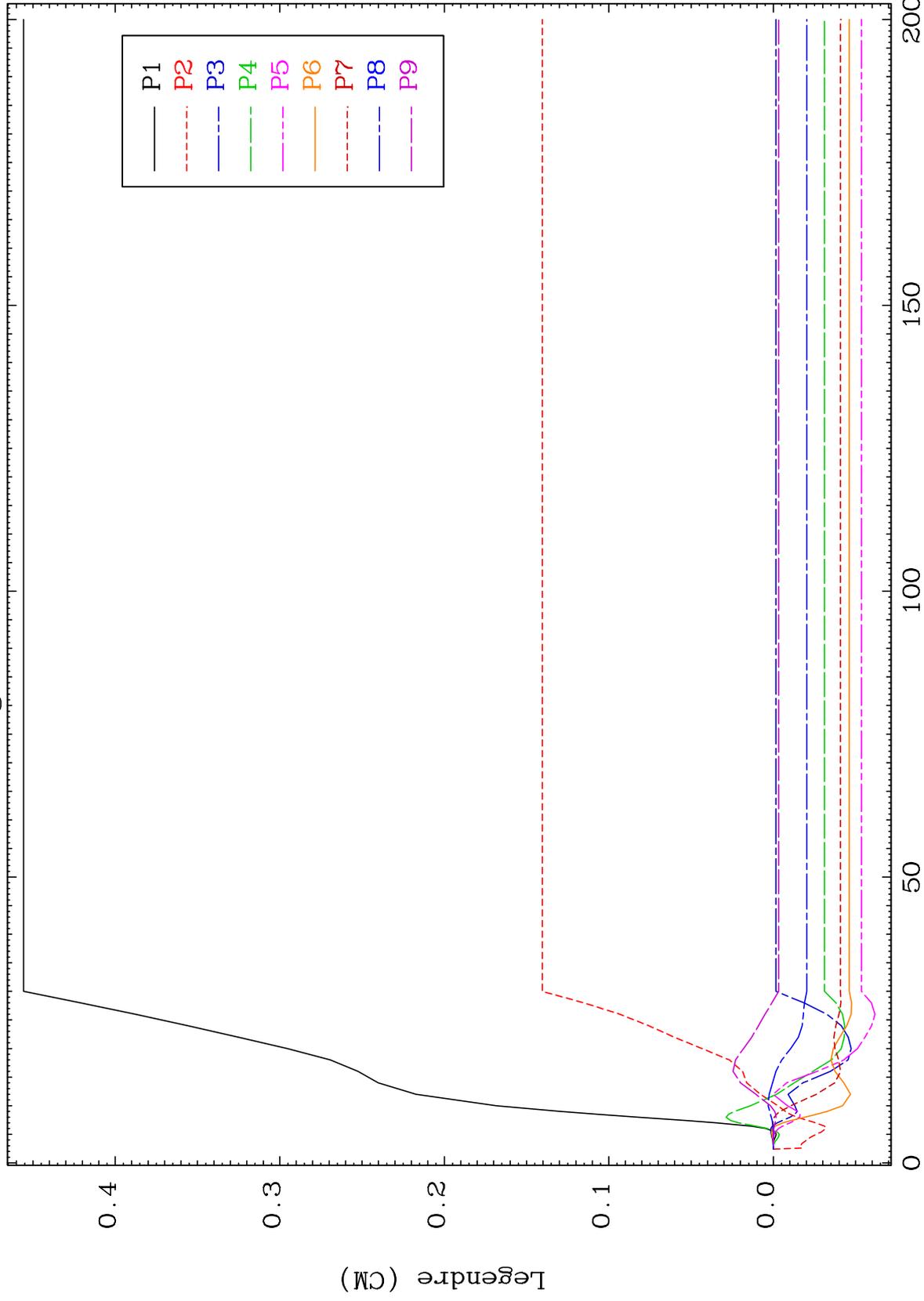
42-Mo-100



MAT 4249

MT= 77 (n,n') Level  
Legendre Coefficients

42-Mo-100



117

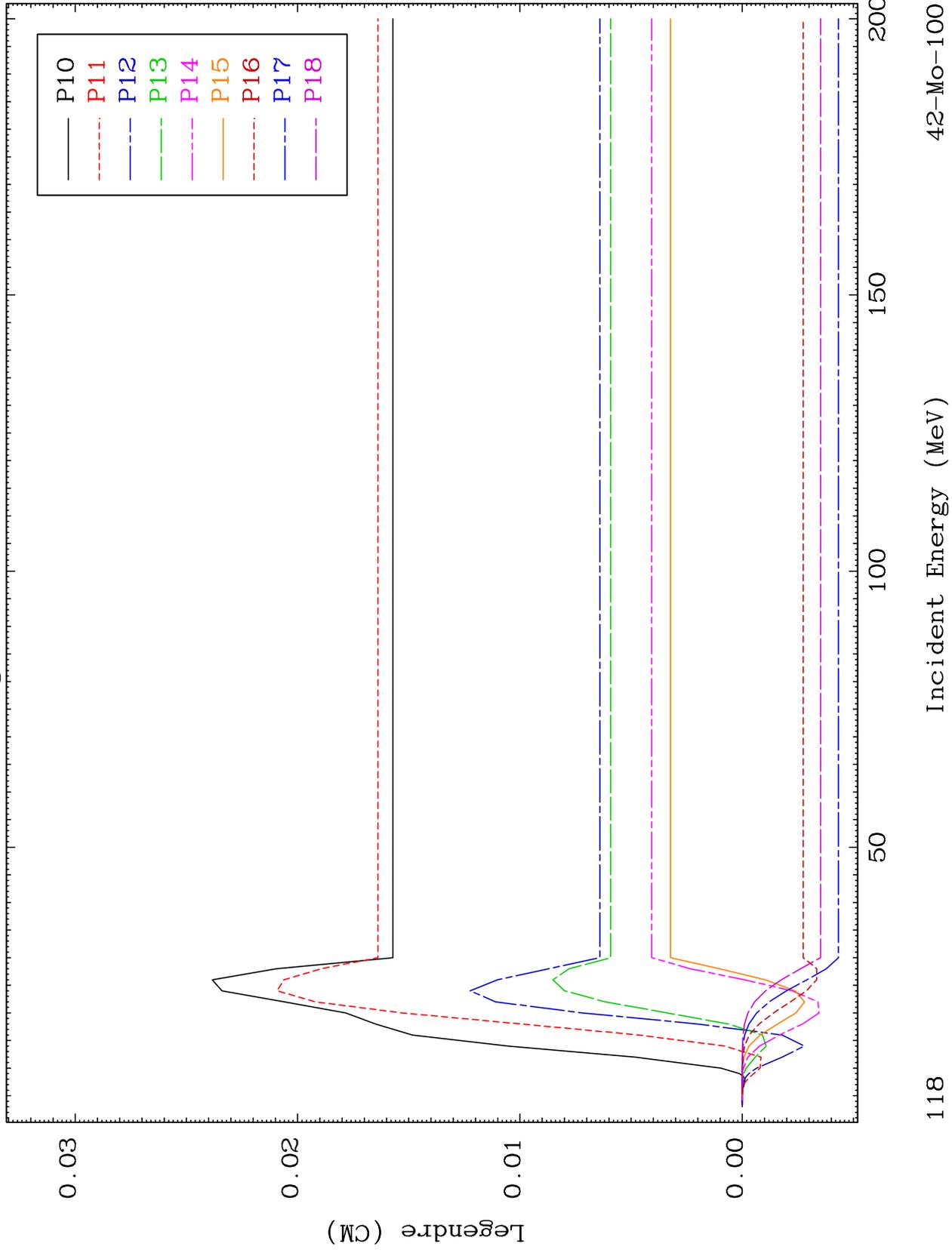
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 77 (n,n') Level  
Legendre Coefficients

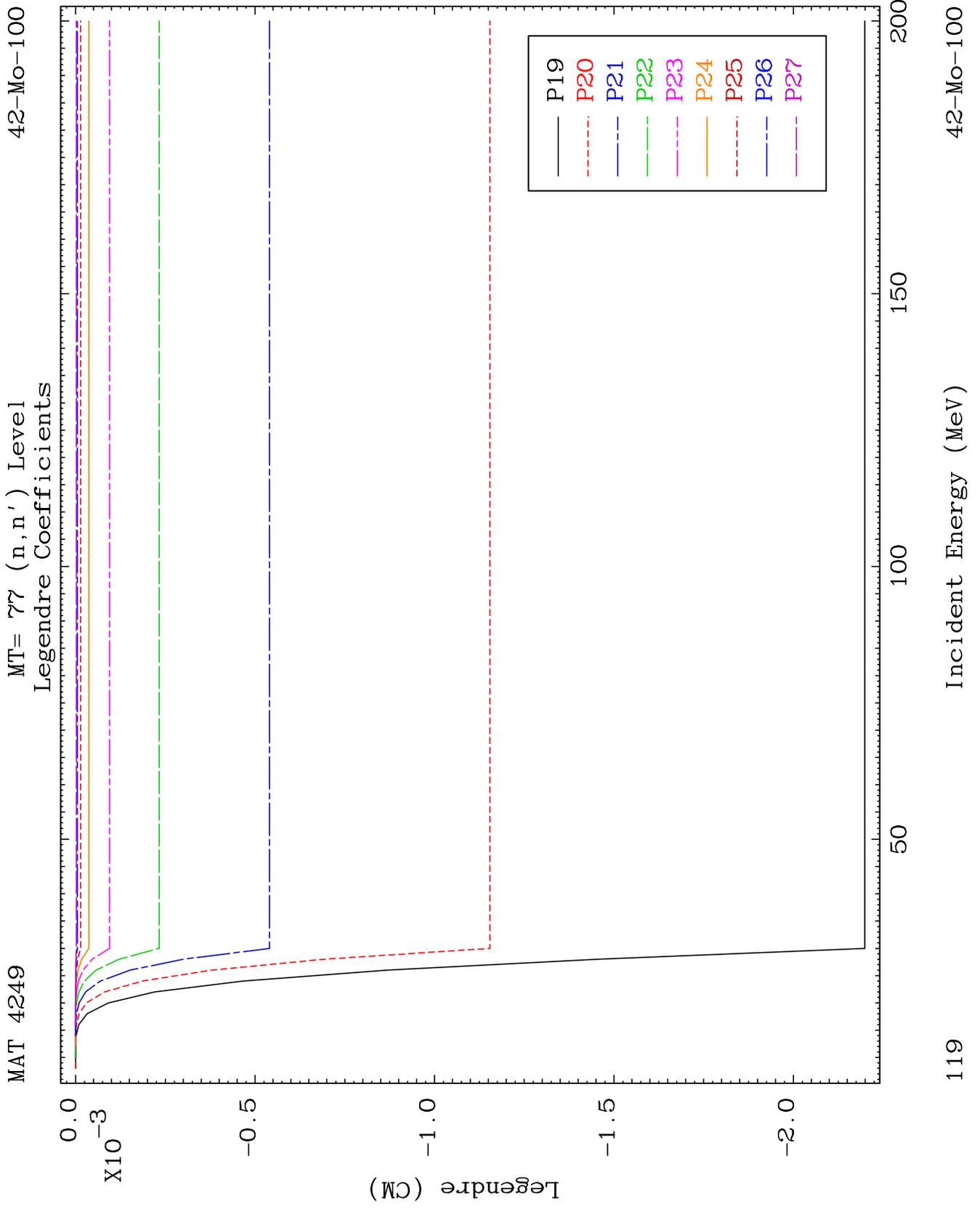
42-Mo-100

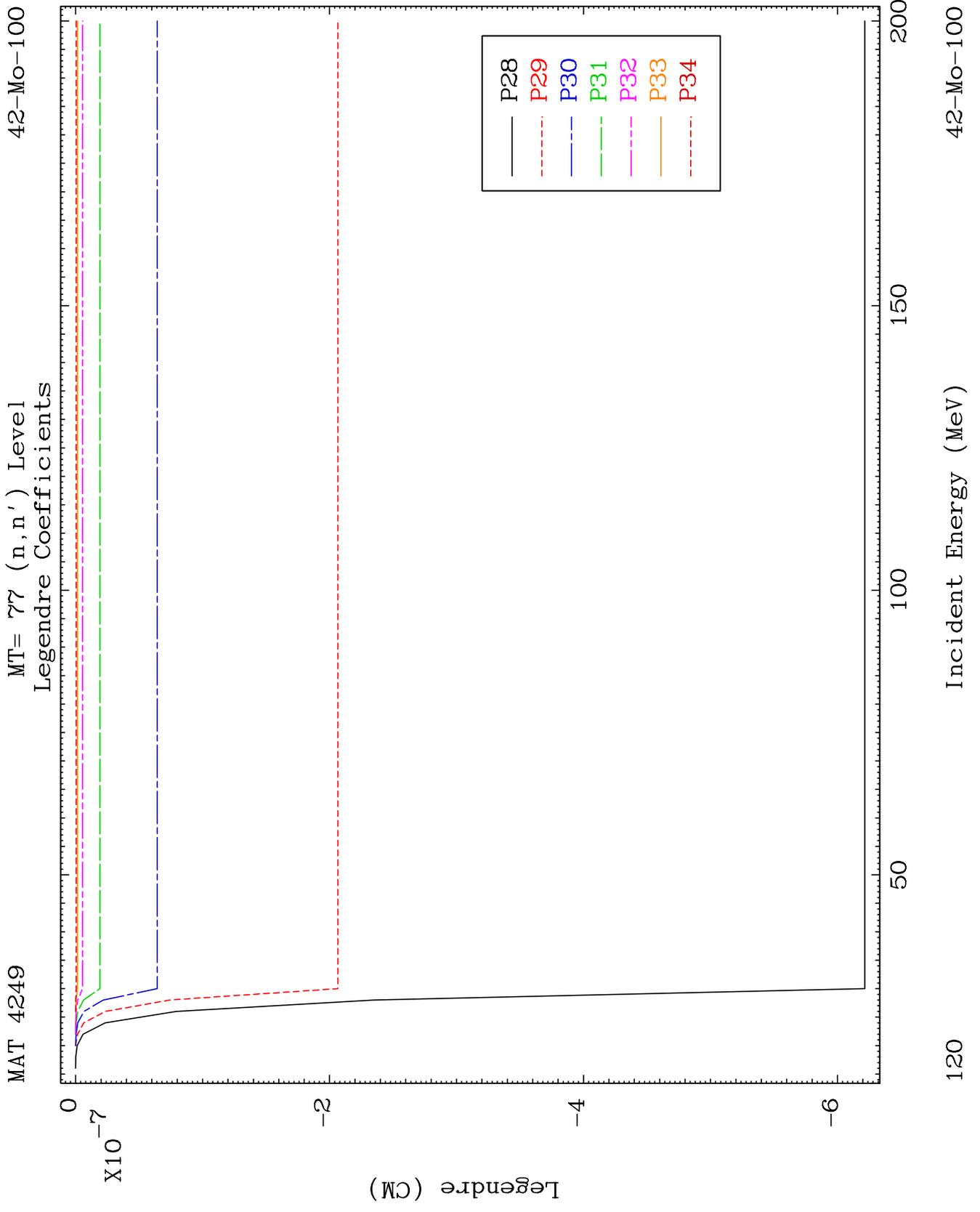


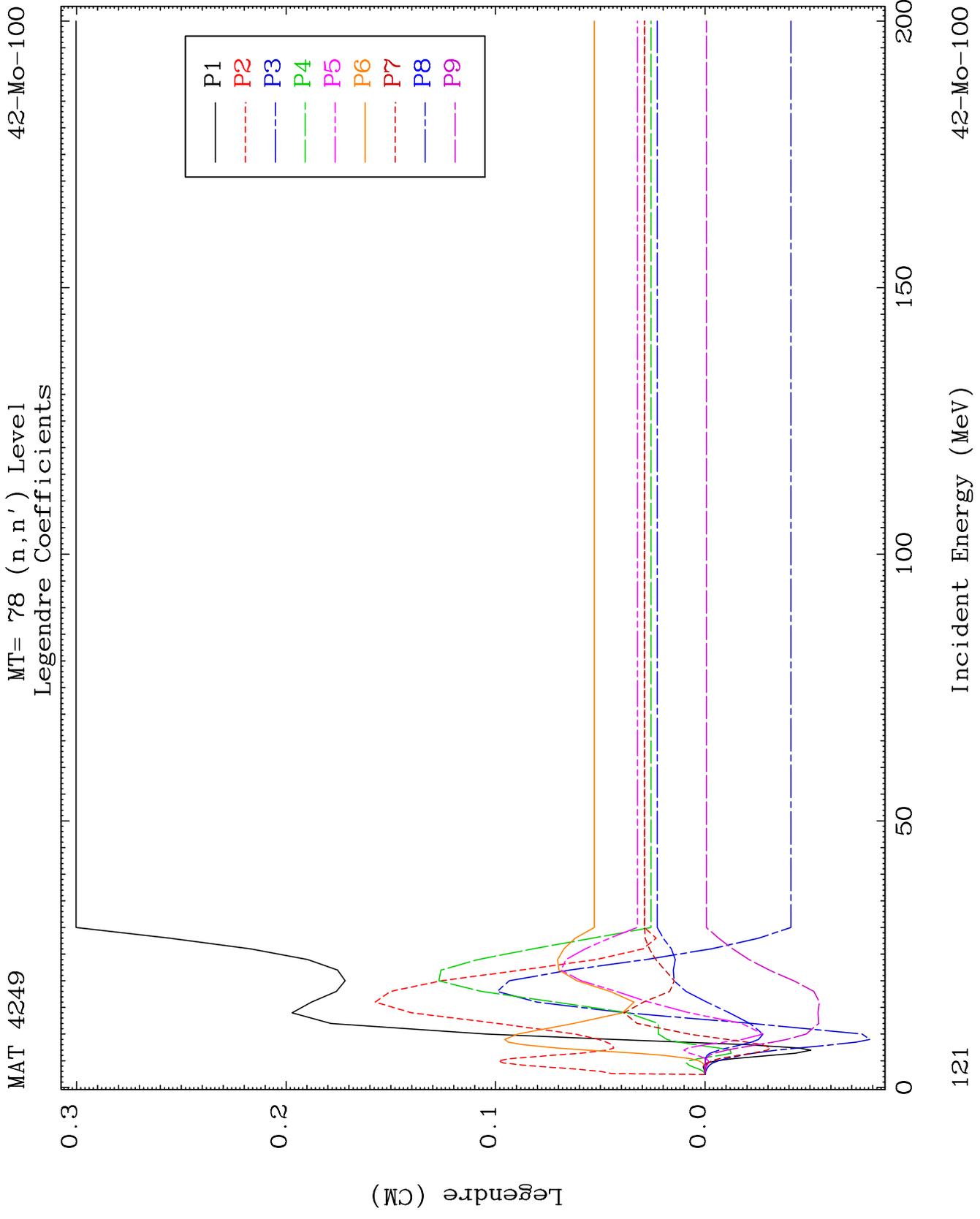
118

Incident Energy (MeV)

42-Mo-100



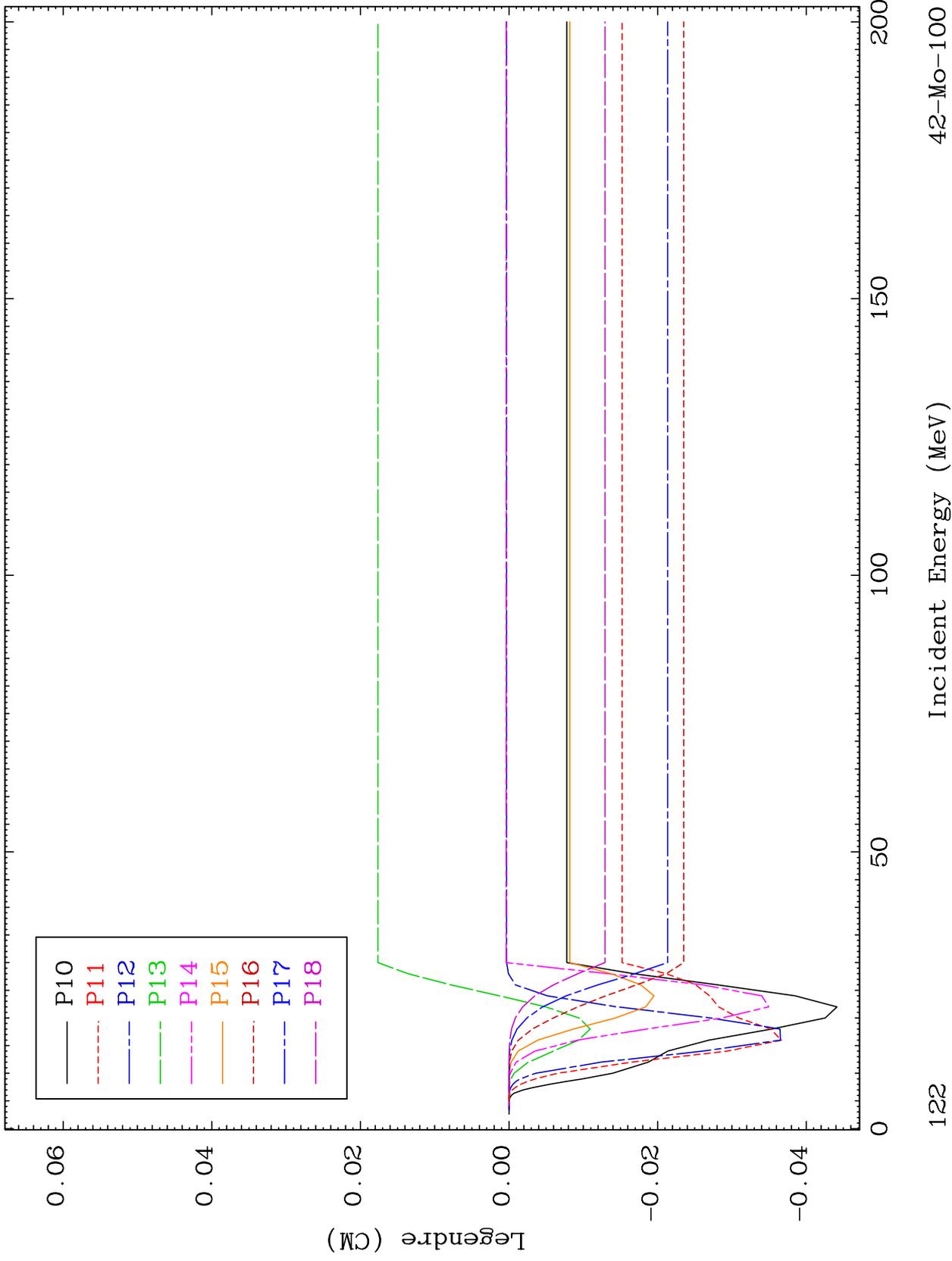




MAT 4249

MT= 78 (n,n') Level  
Legendre Coefficients

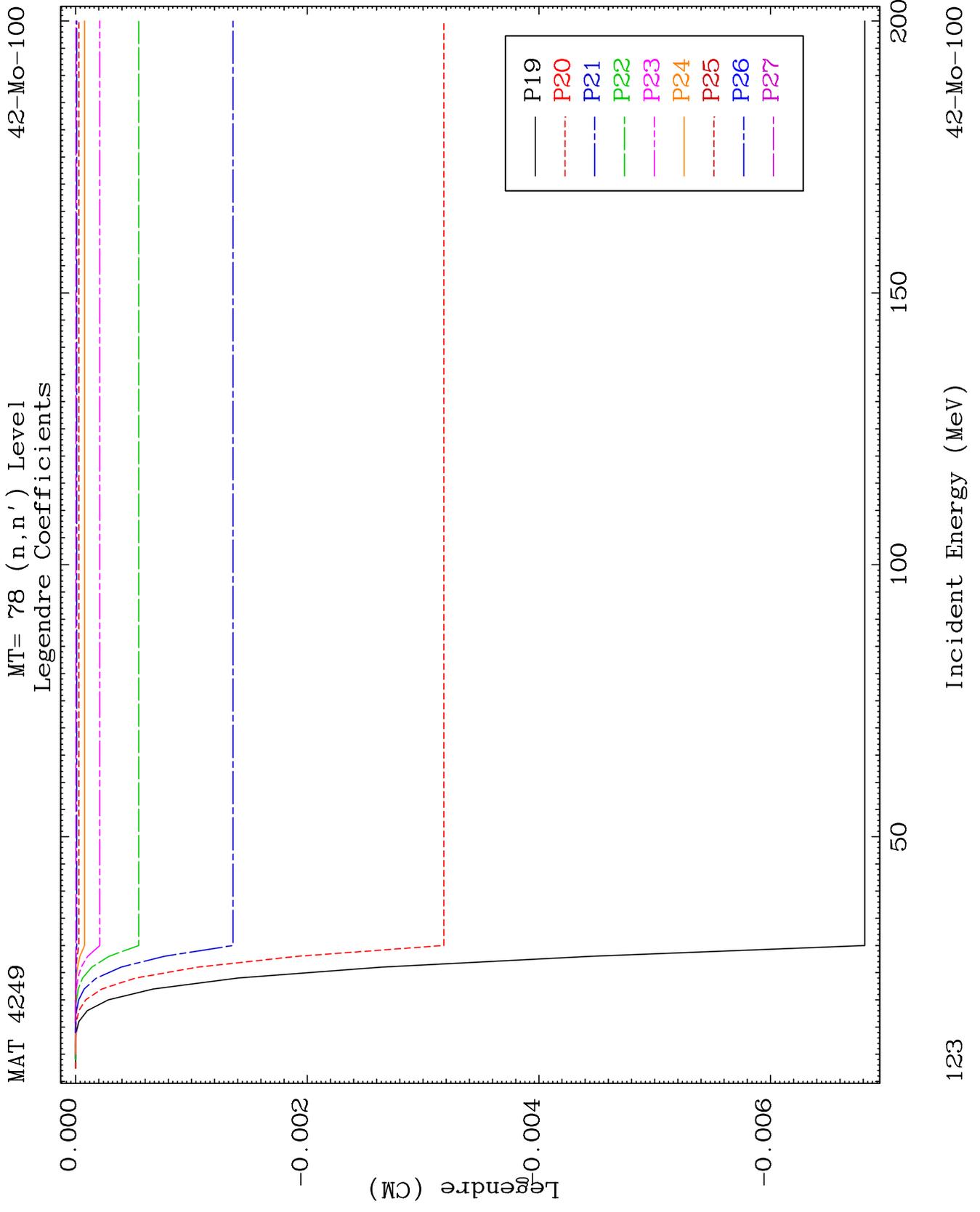
42-Mo-100

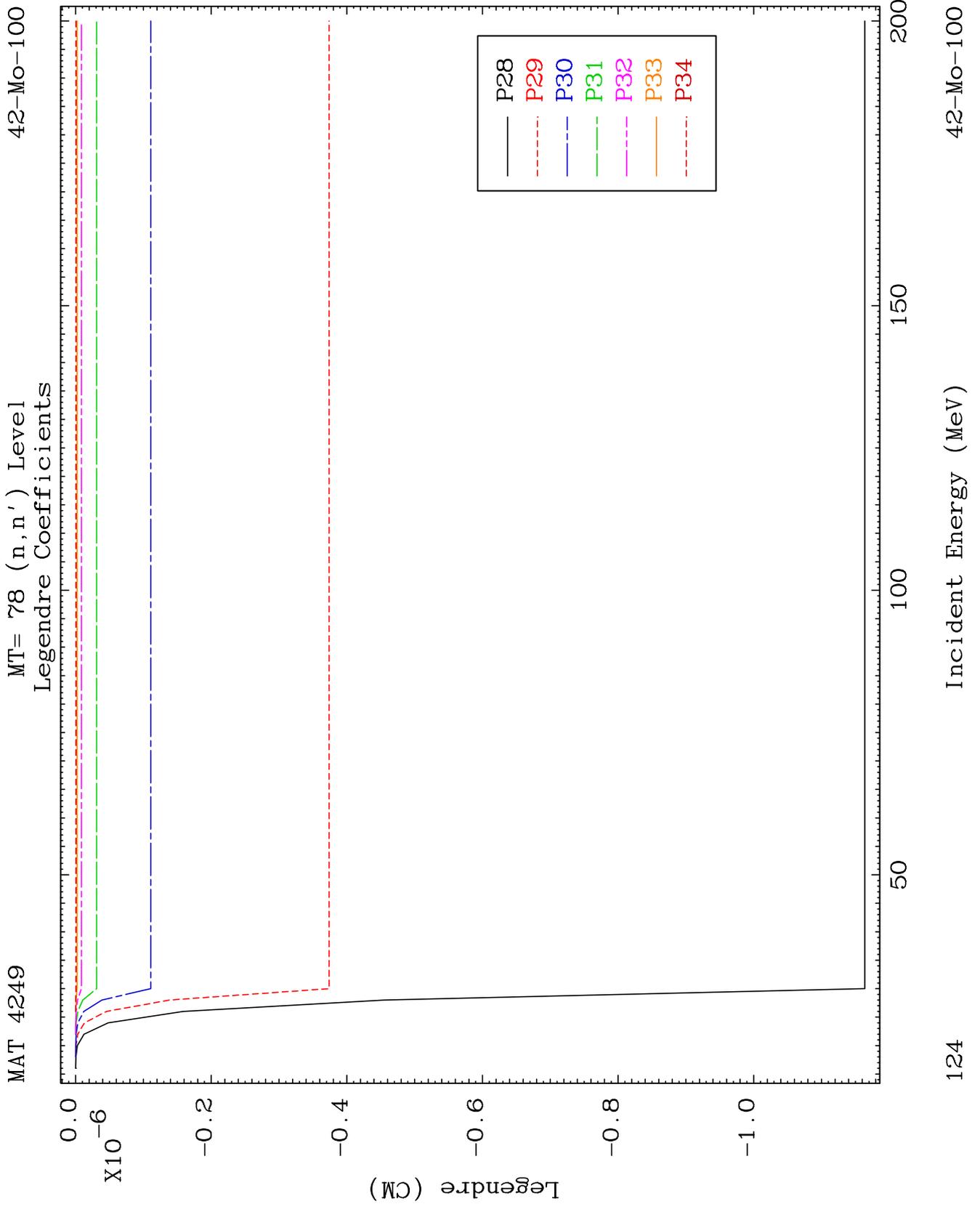


122

Incident Energy (MeV)

42-Mo-100

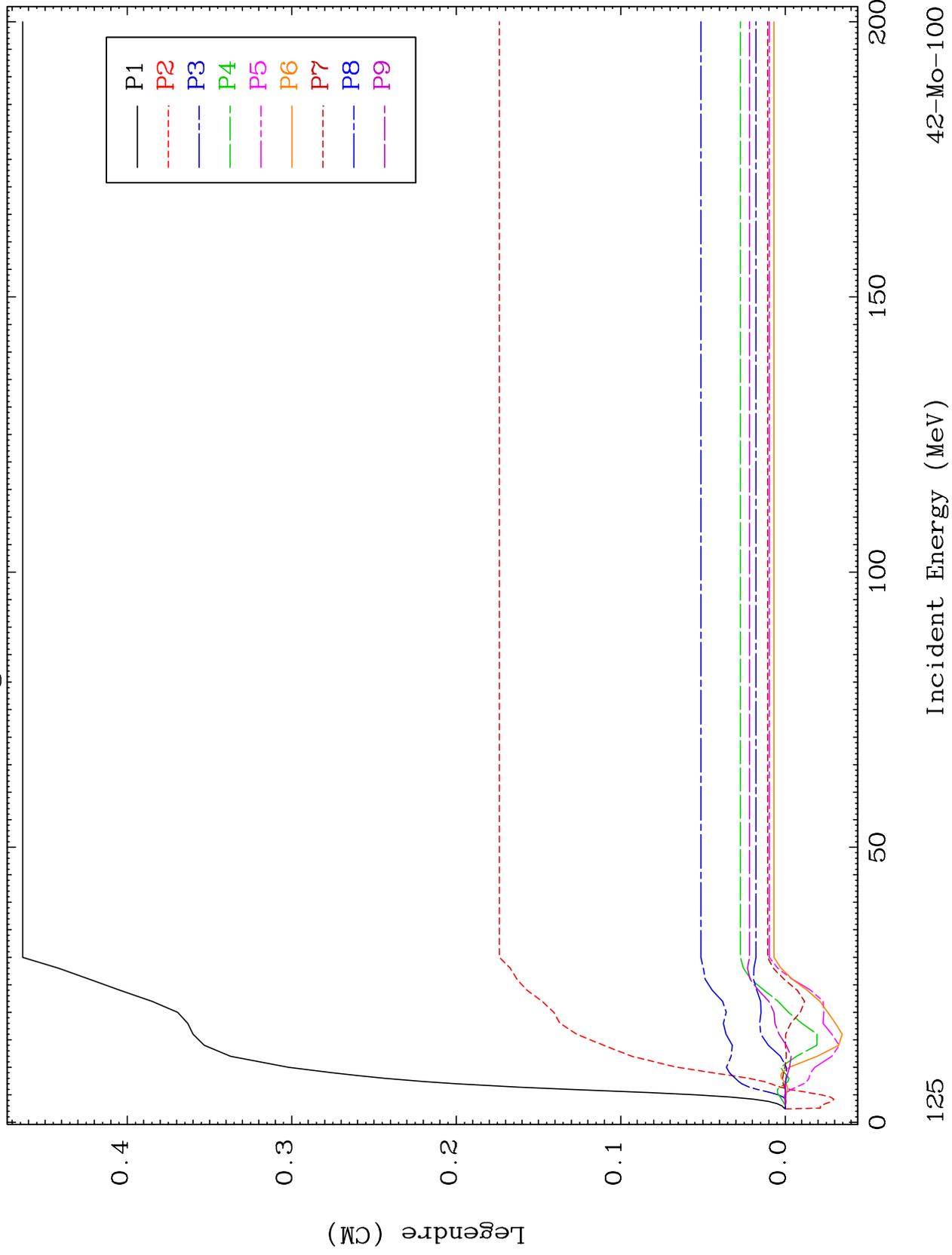




MAT 4249

MT= 79 (n,n') Level  
Legendre Coefficients

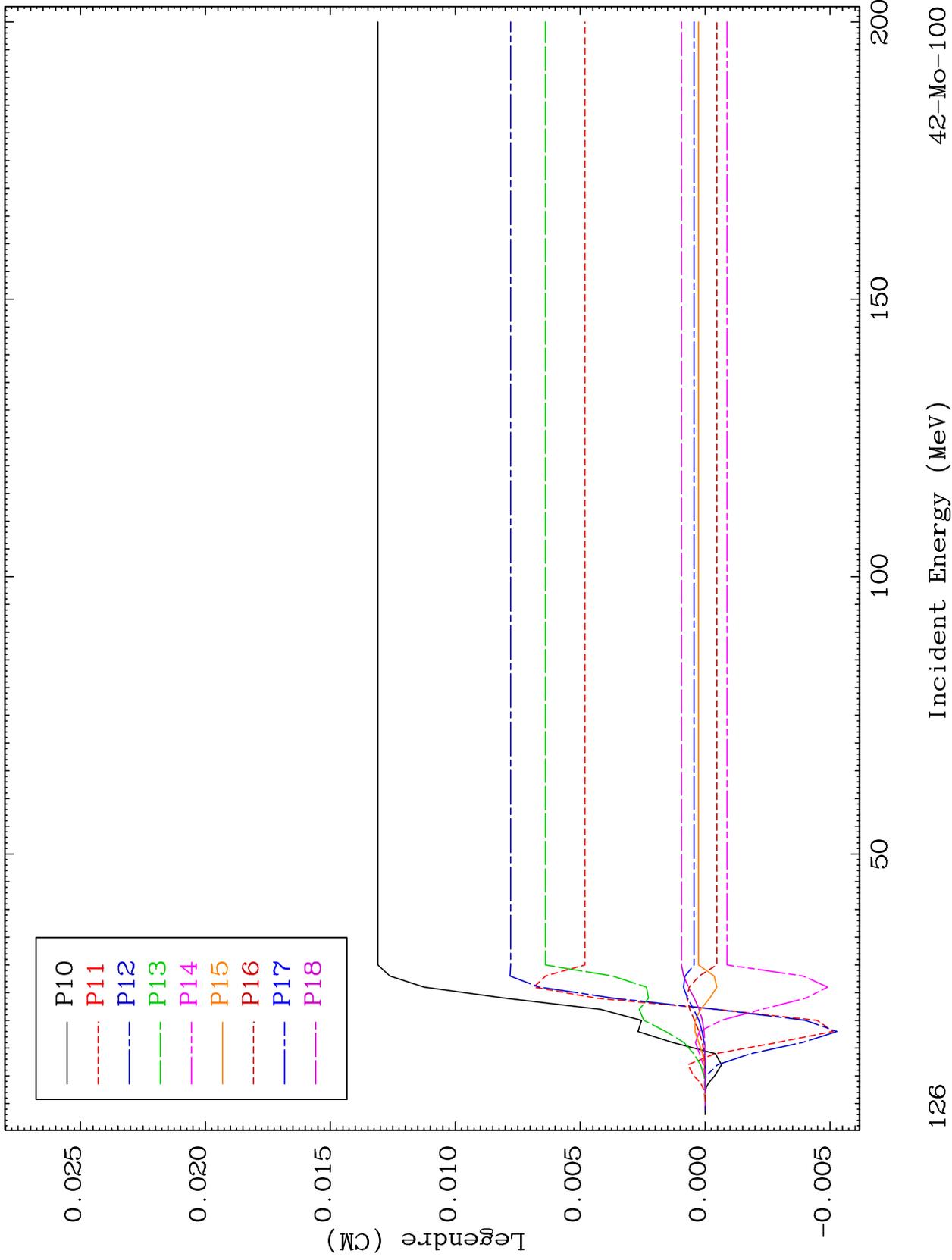
42-Mo-100



MAT 4249

MT= 79 (n,n') Level  
Legendre Coefficients

42-Mo-100



126

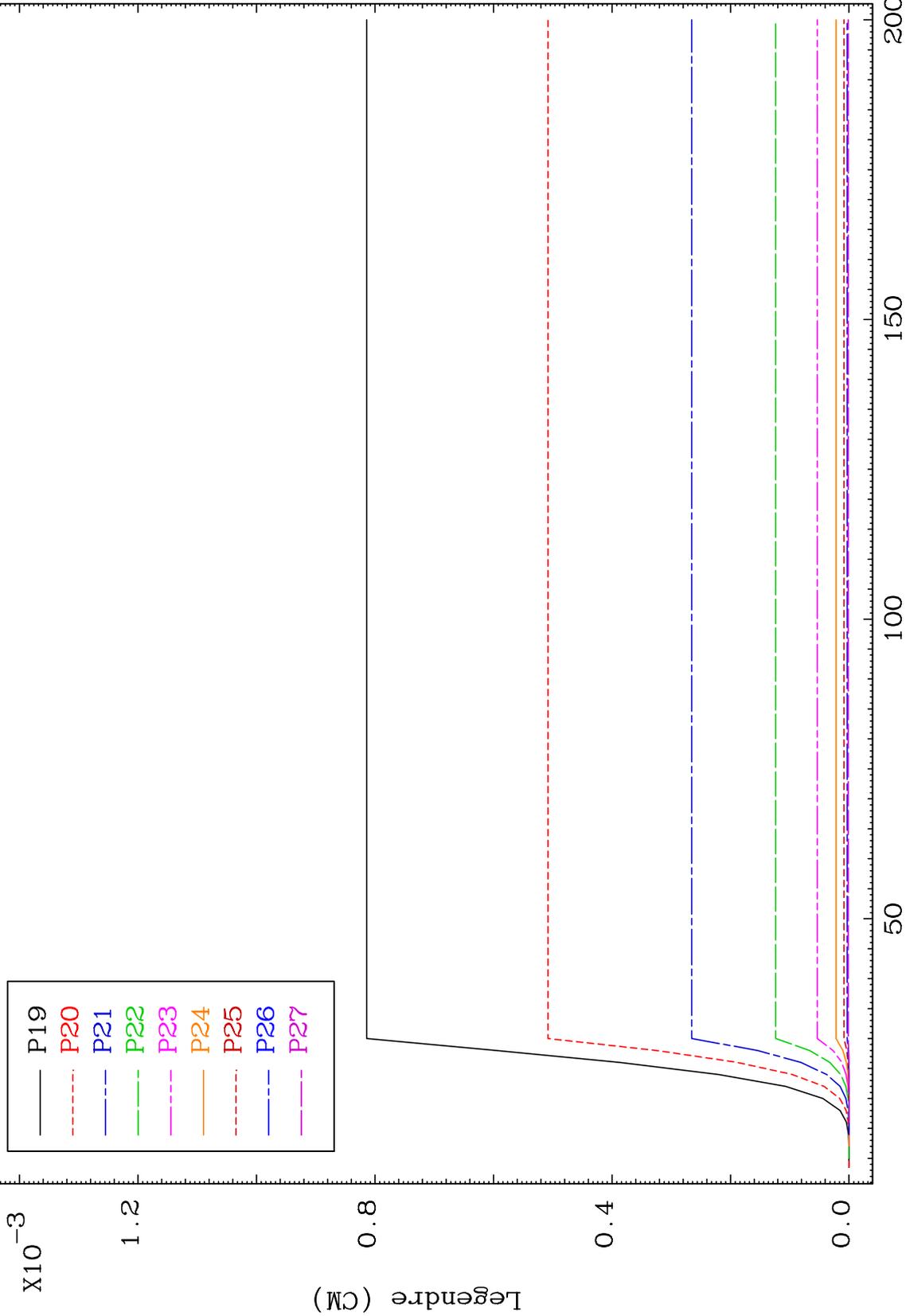
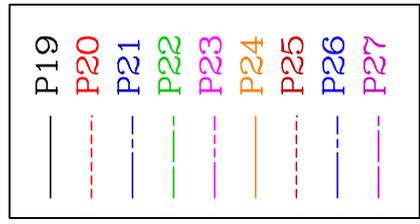
Incident Energy (MeV)

42-Mo-100

MAT 4249

MT= 79 (n,n') Level  
Legendre Coefficients

42-Mo-100



127

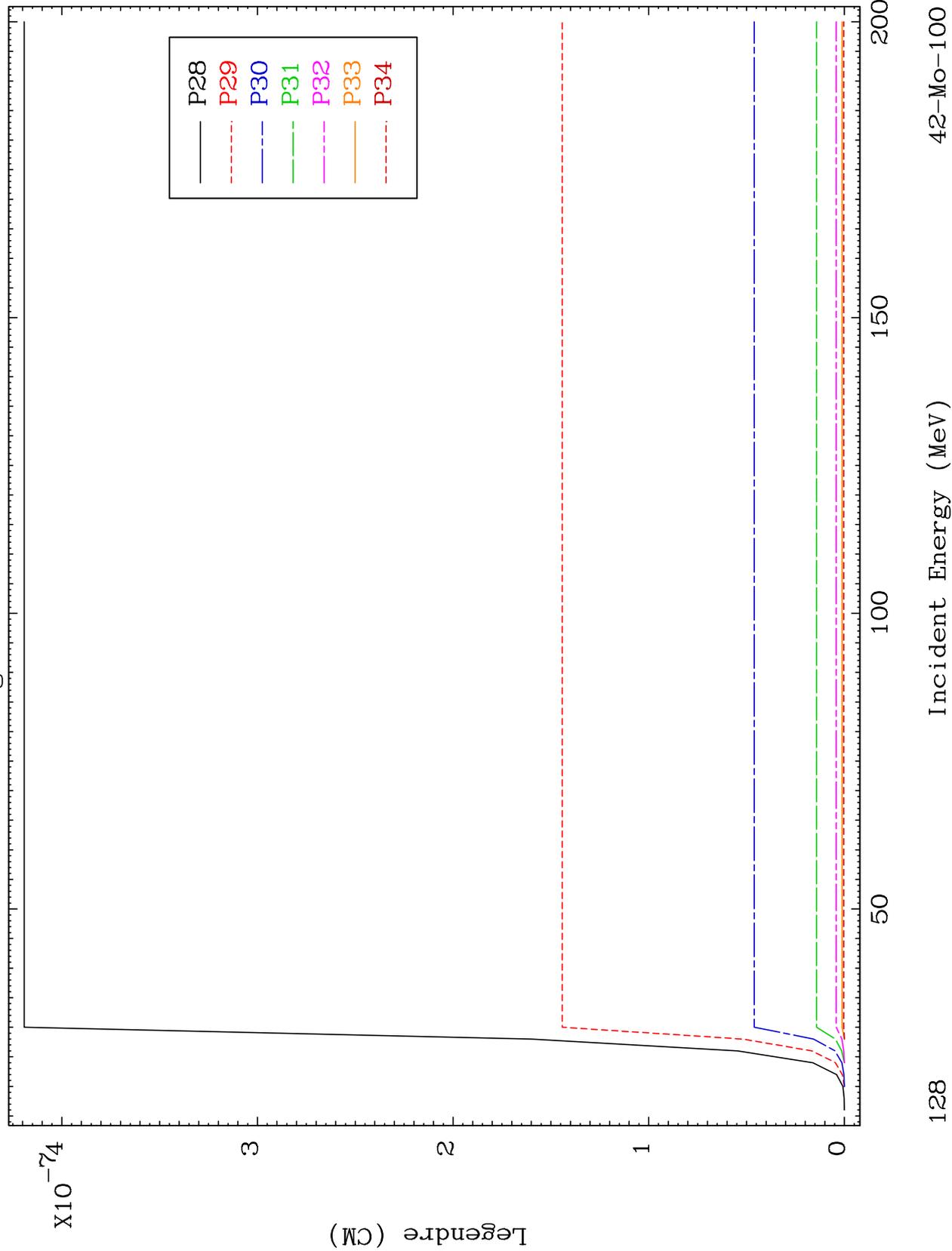
Incident Energy (MeV)

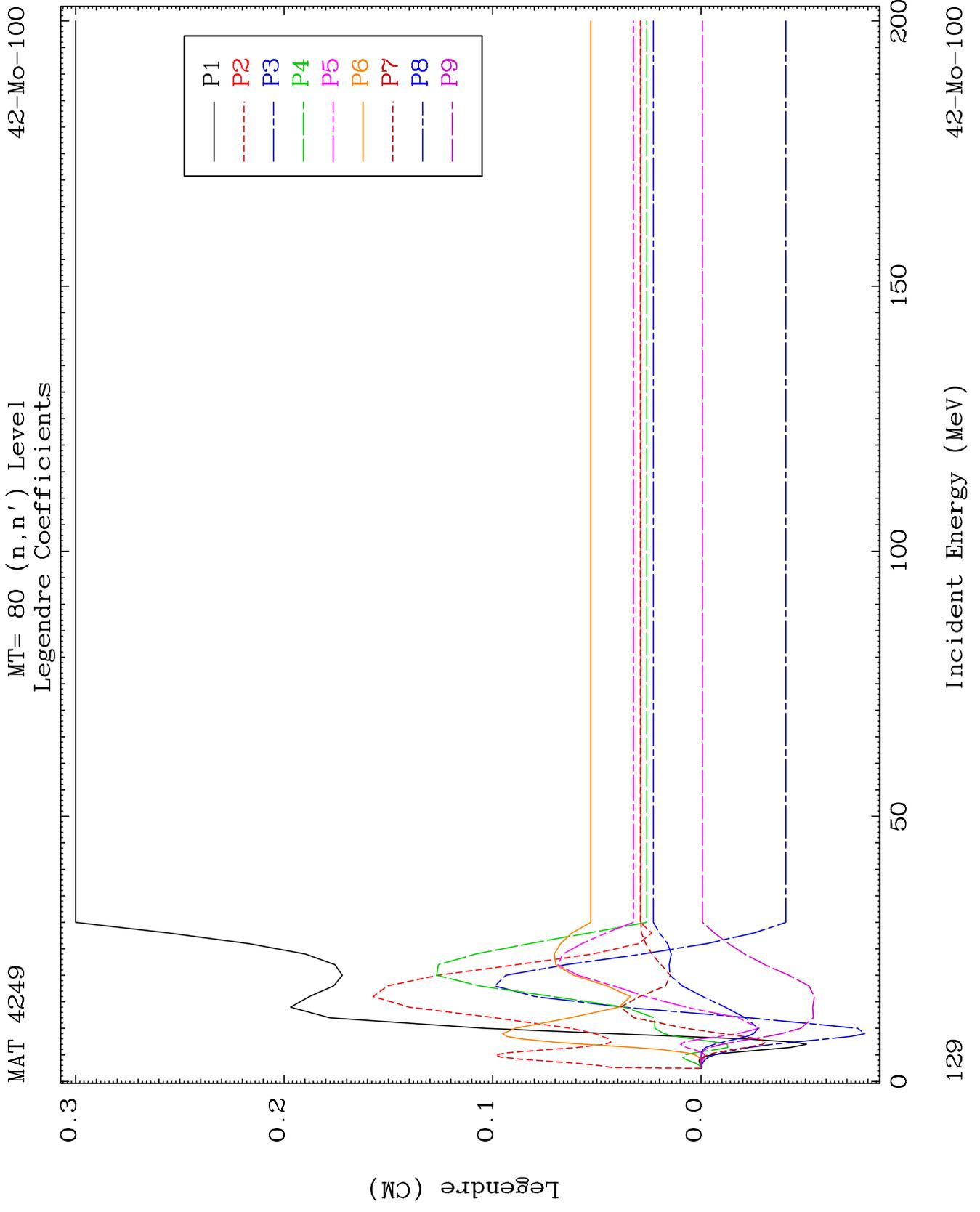
42-Mo-100

MAT 4249

MT= 79 (n,n') Level  
Legendre Coefficients

42-Mo-100

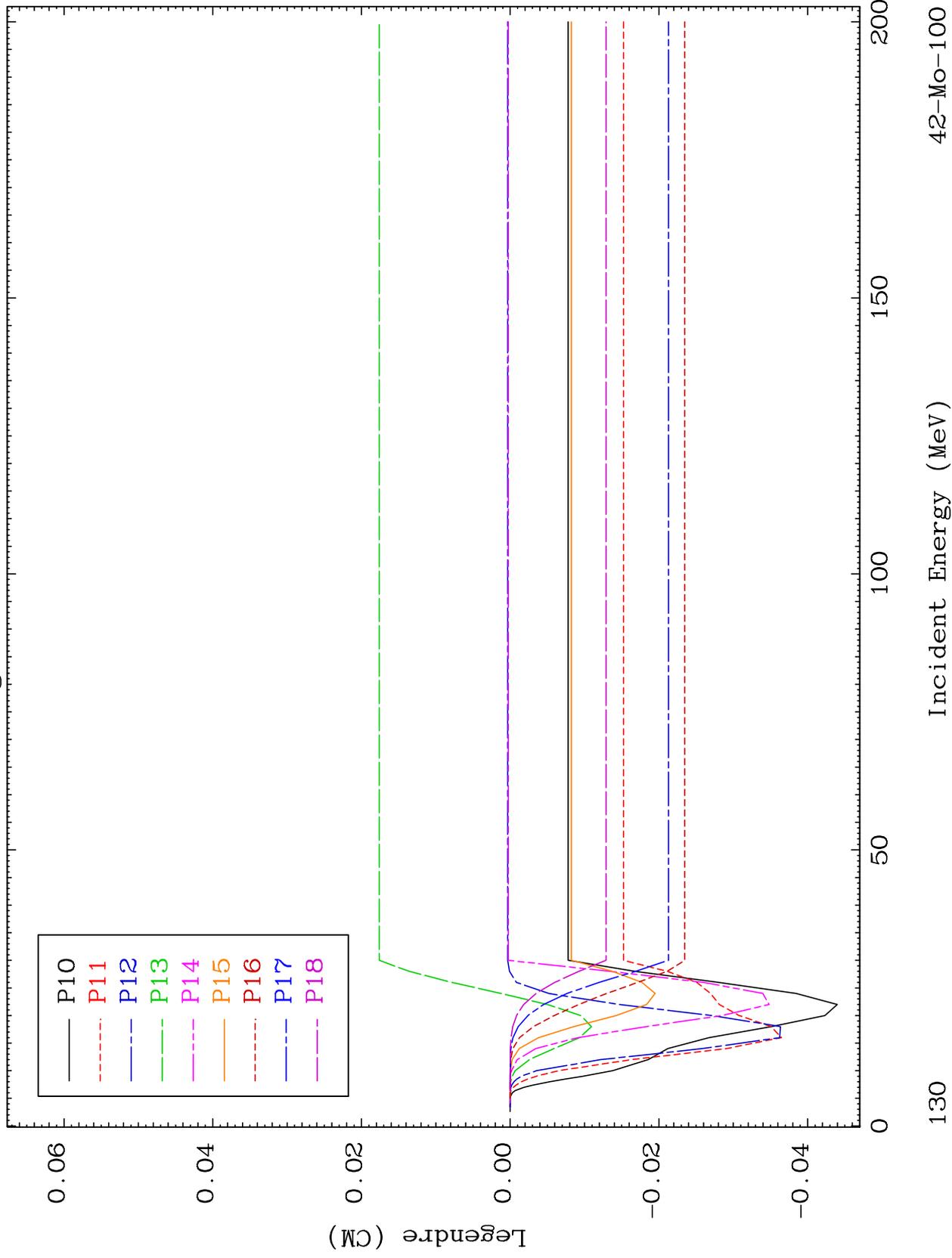


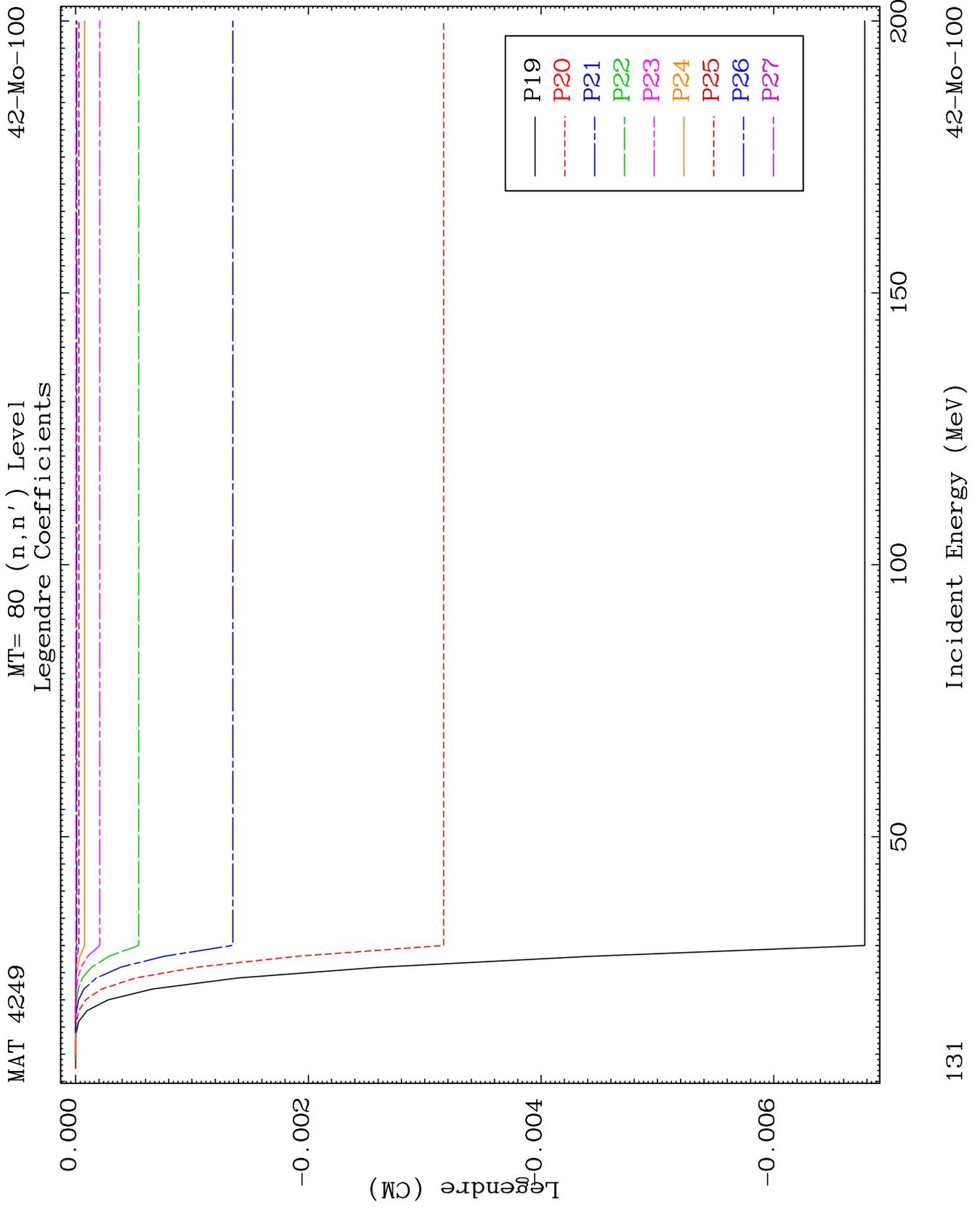


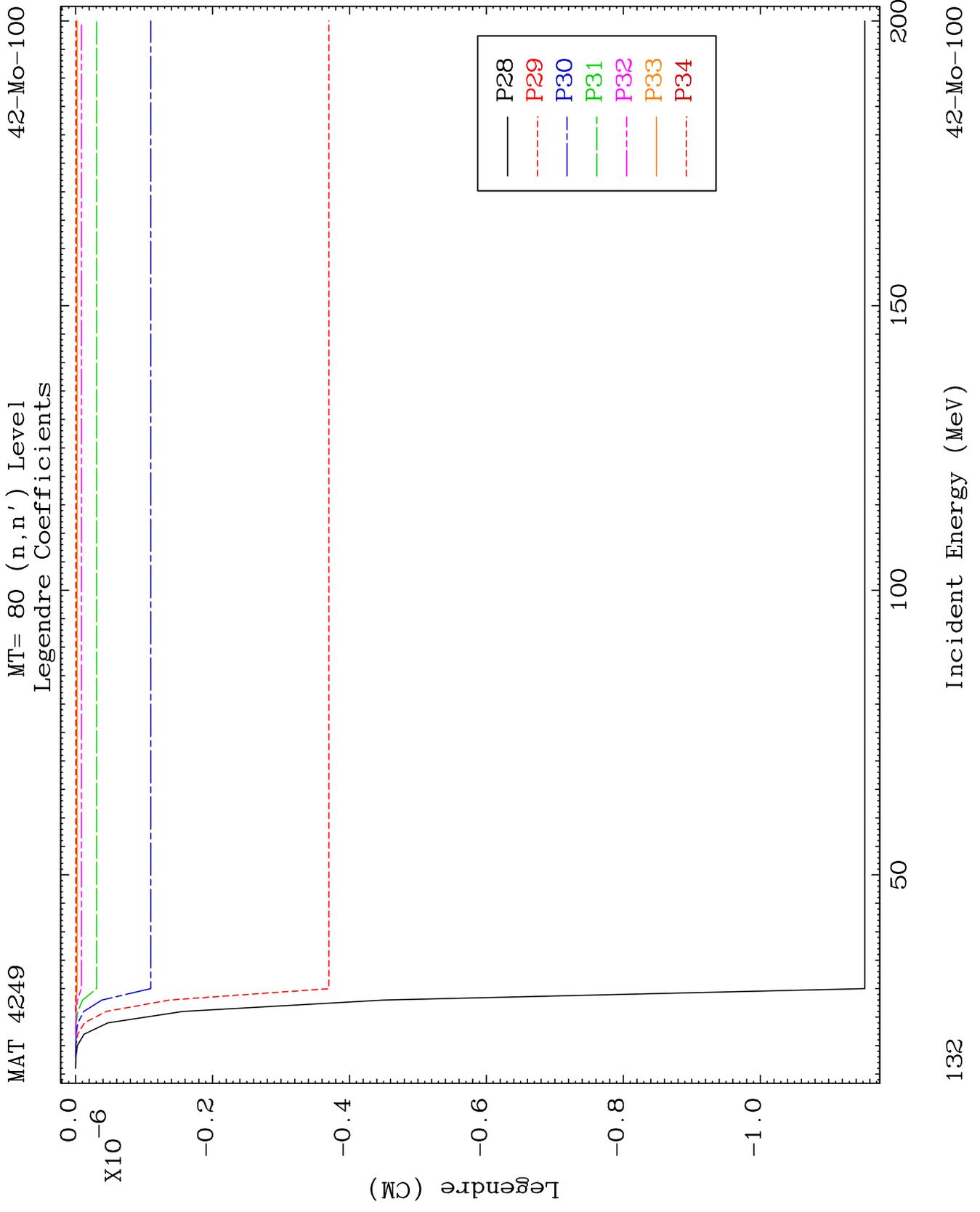
MAT 4249

MT= 80 (n,n') Level  
Legendre Coefficients

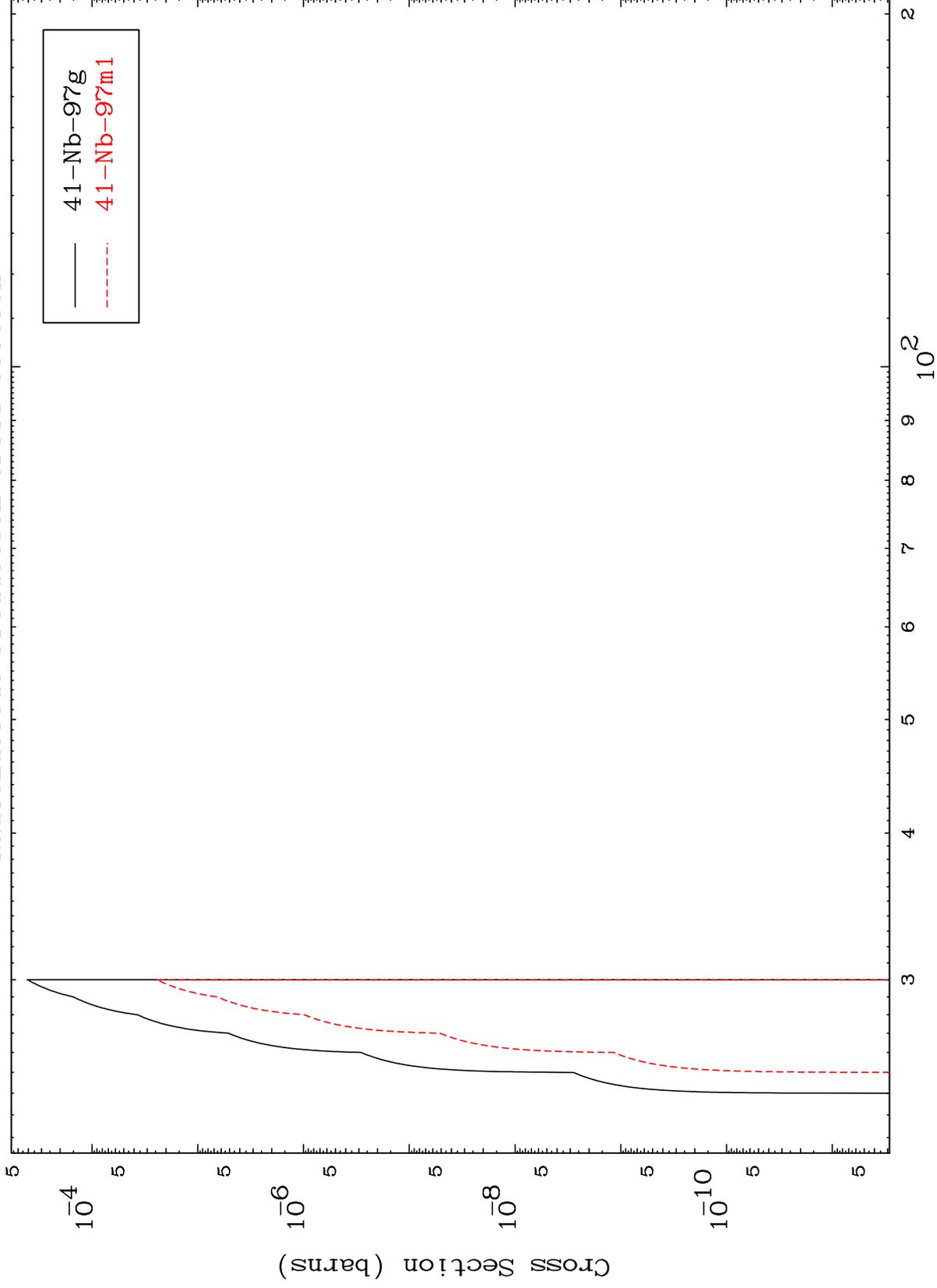
42-Mo-100







Radionuclide Production Cross Section

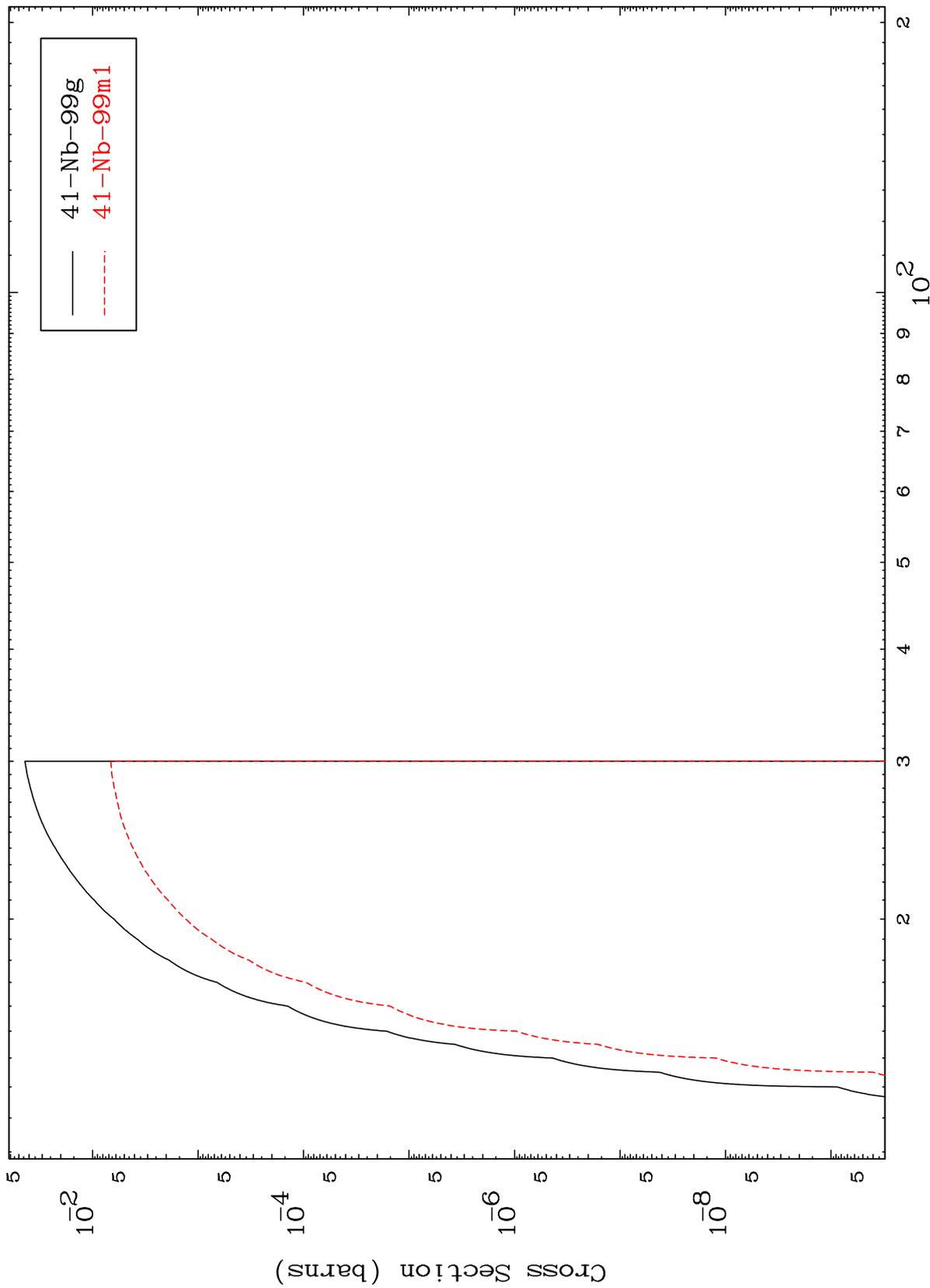


MAT 4249

(n,n') p

42-Mo-100

Radionuclide Production Cross Section

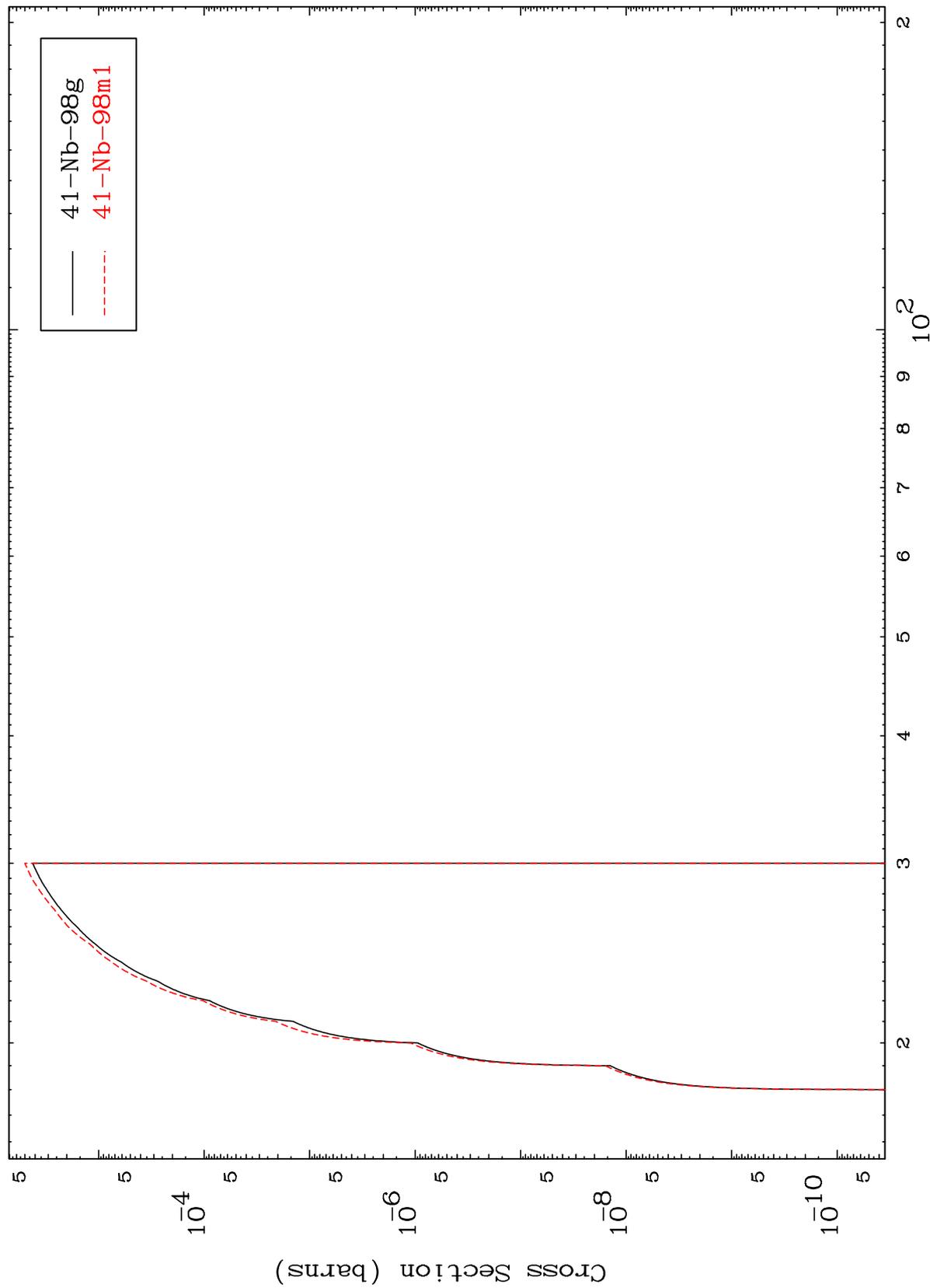


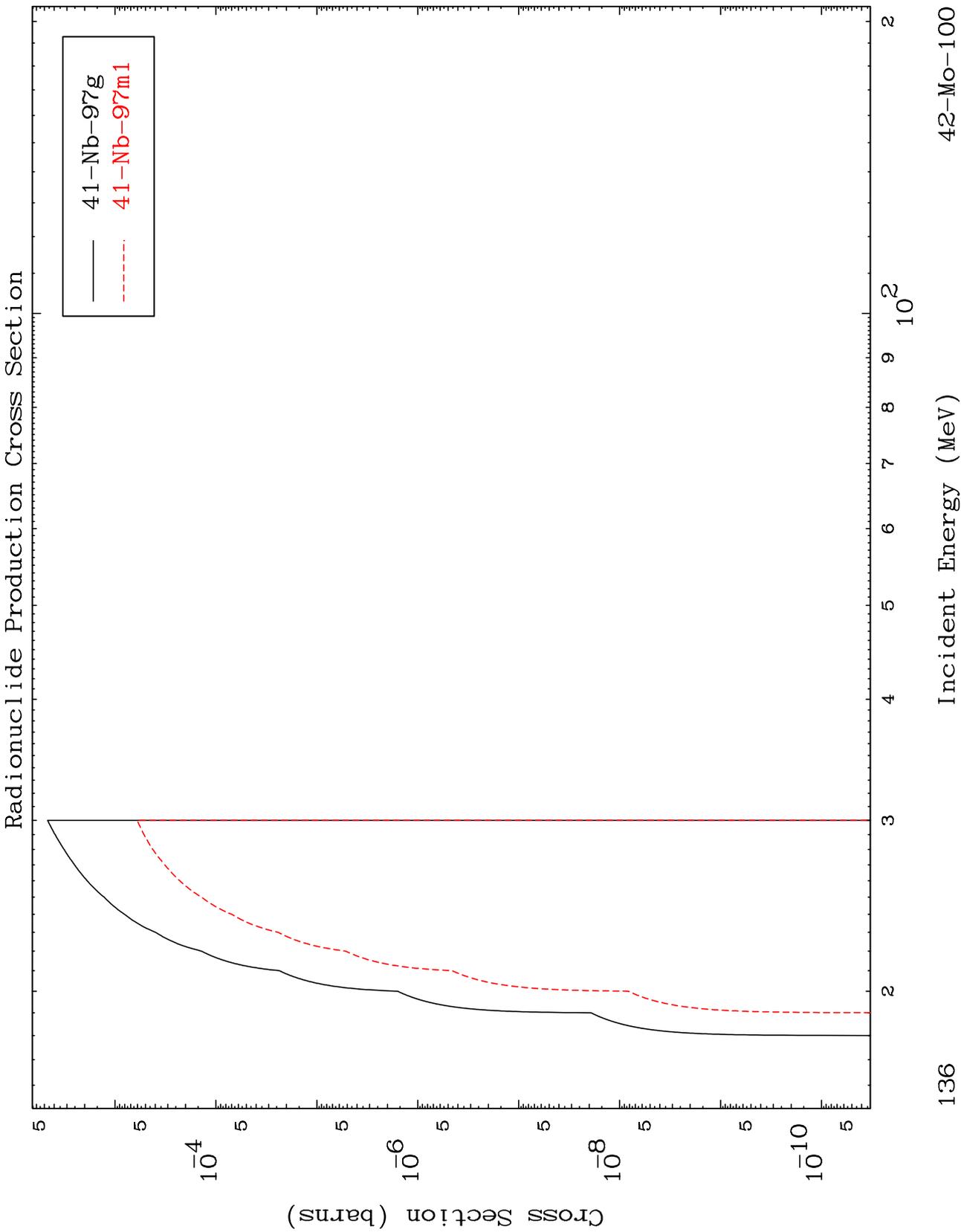
134

Incident Energy (MeV)

42-Mo-100

Radionuclide Production Cross Section

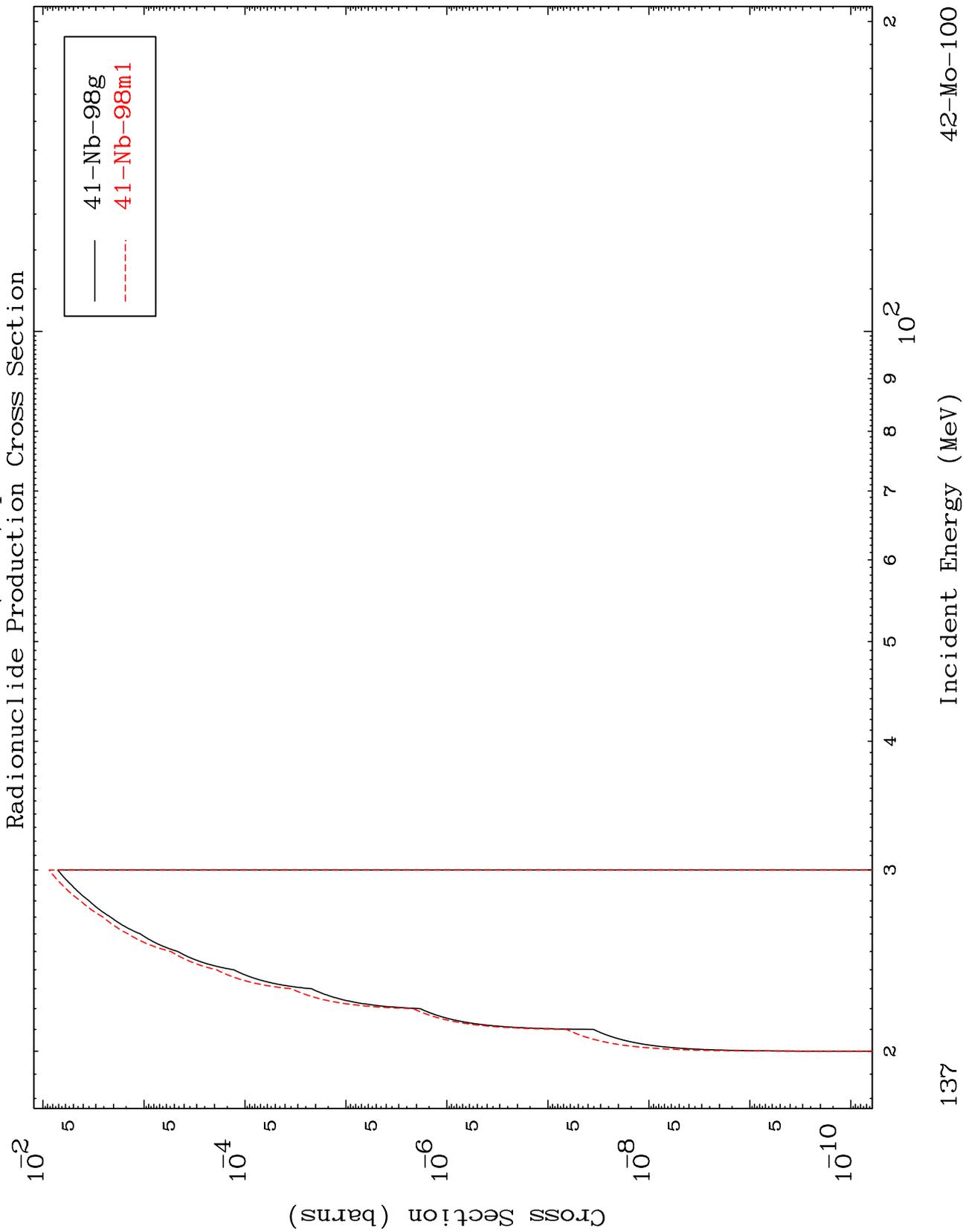




MAT 4249

(n,2n) p

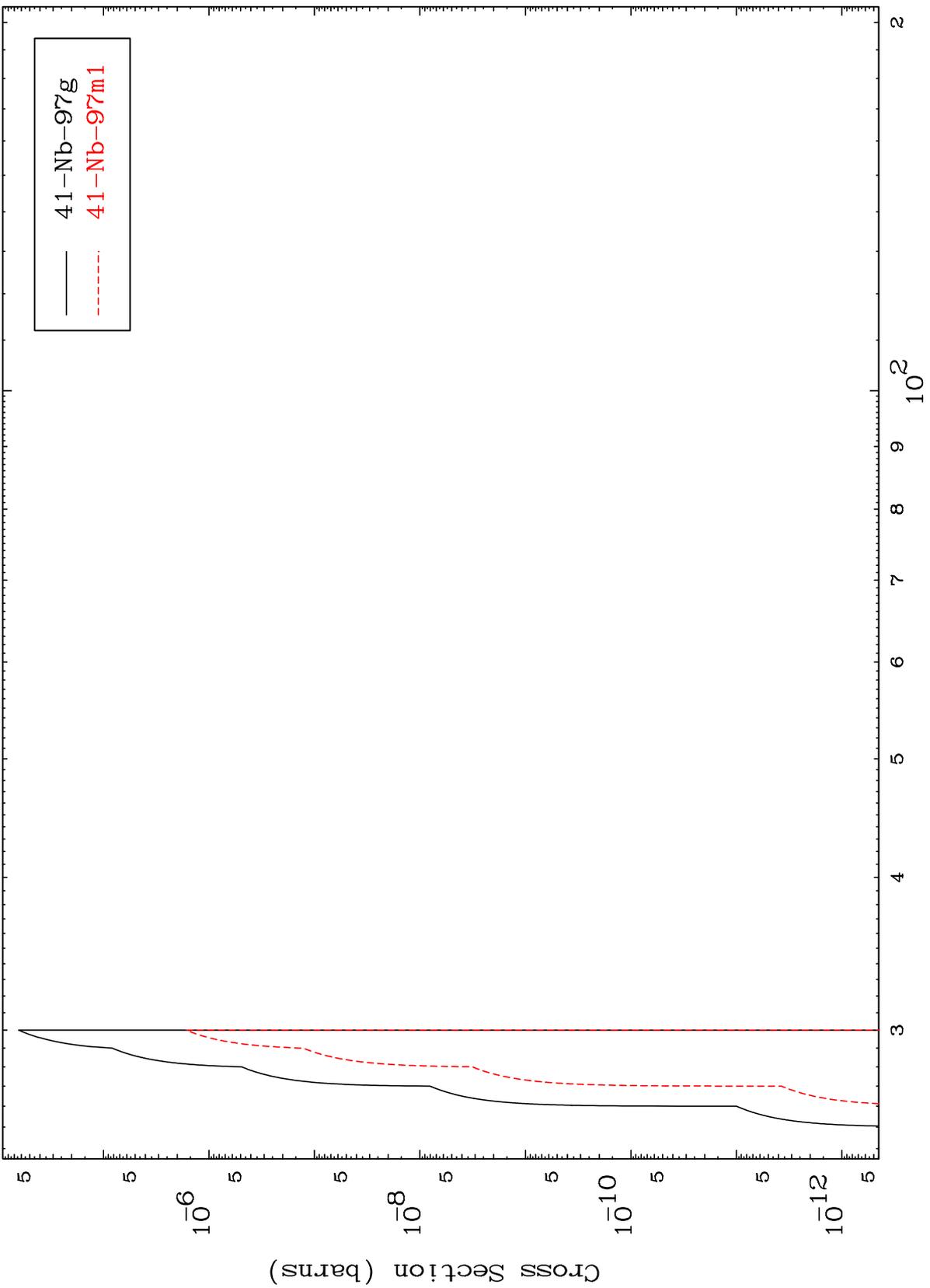
42-Mo-100



137

42-Mo-100

Radionuclide Production Cross Section

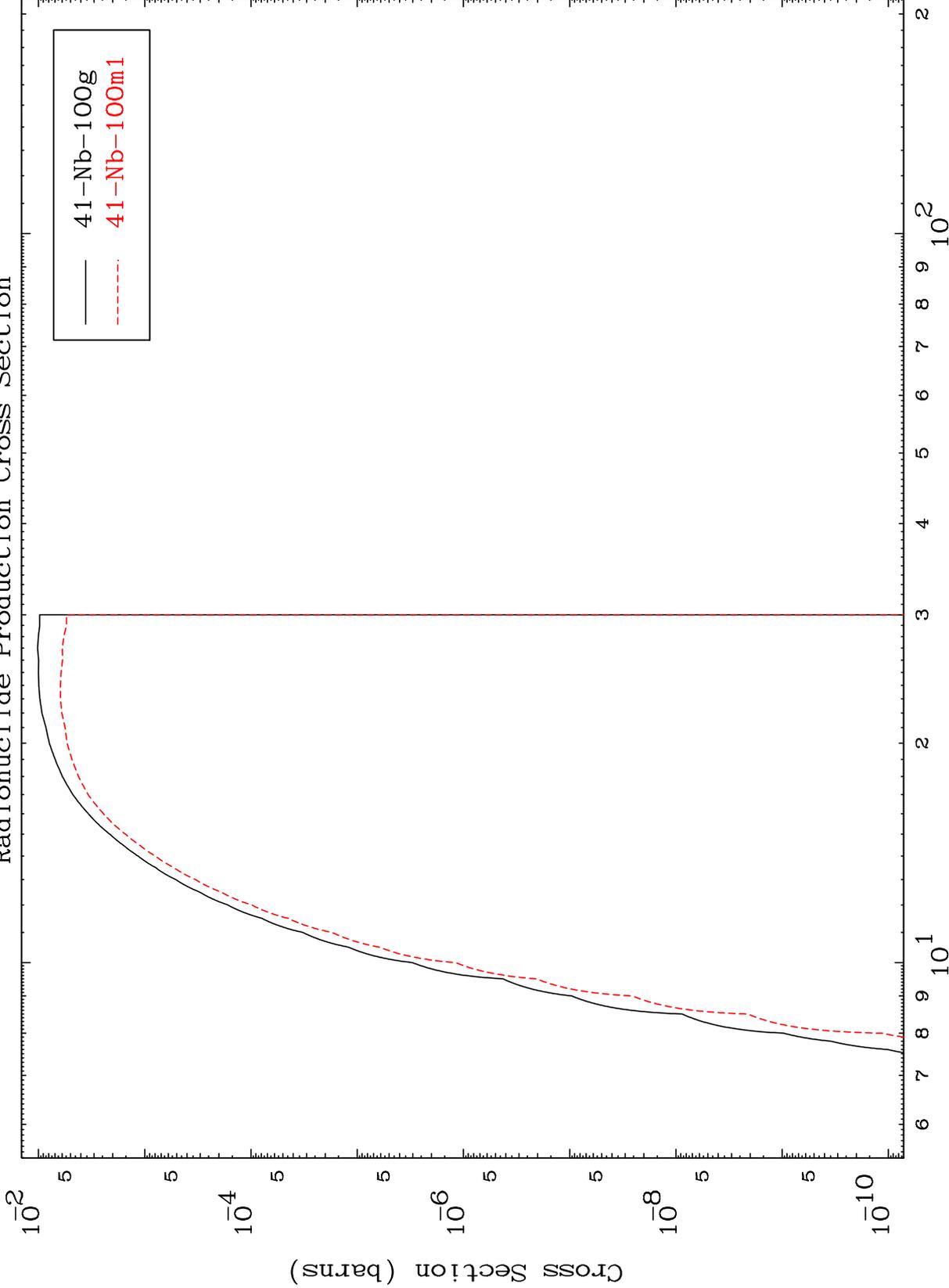


41-Nb-97g  
41-Nb-97m1

MAT 4249

42-Mo-100

(n,p)  
Radionuclide Production Cross Section



41-Nb-100g  
41-Nb-100m1

139

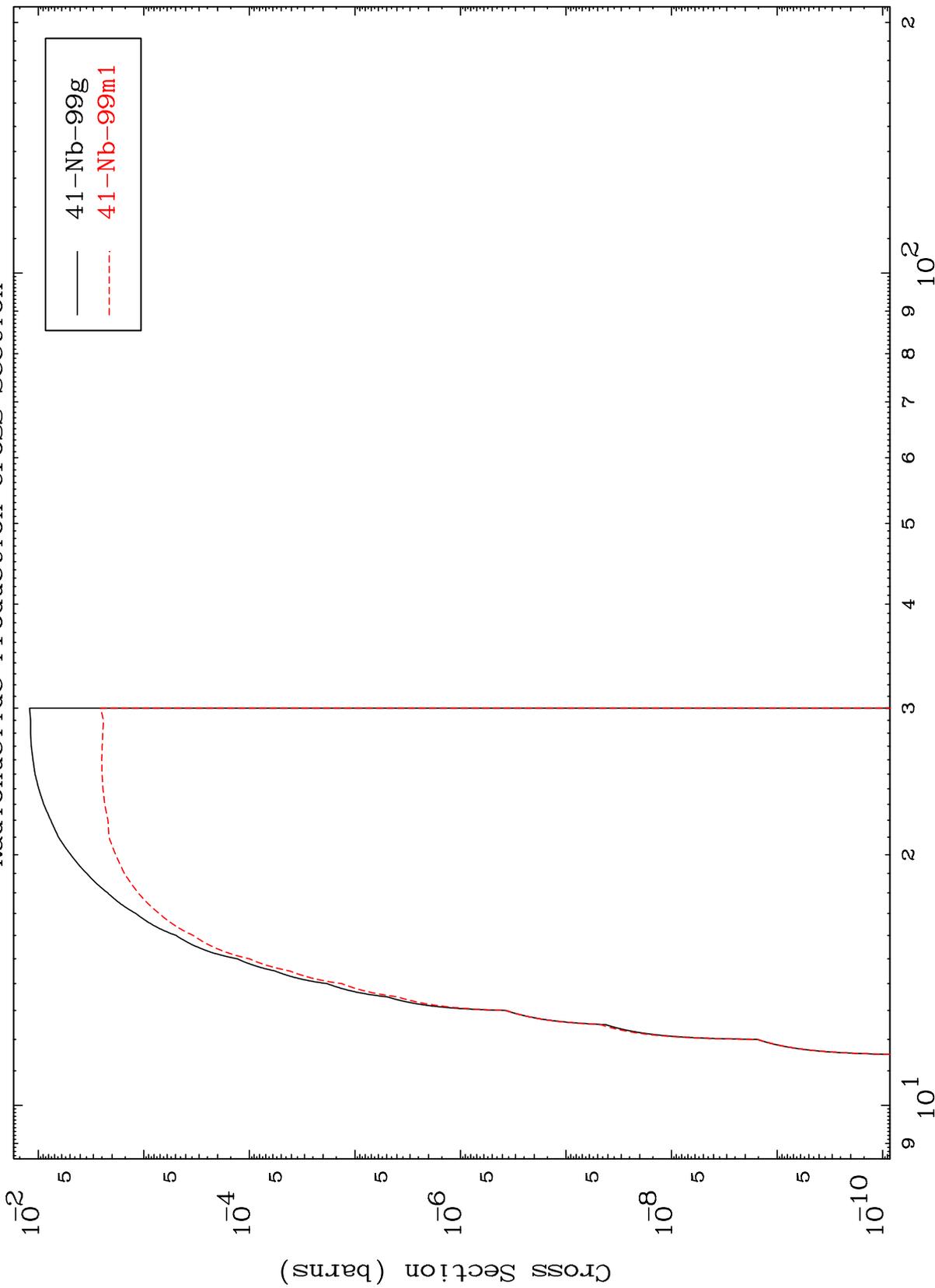
Incident Energy (MeV)

42-Mo-100

MAT 4249

42-Mo-100

(n,d)  
Radionuclide Production Cross Section



41-Nb-99g  
41-Nb-99m1

42-Mo-100

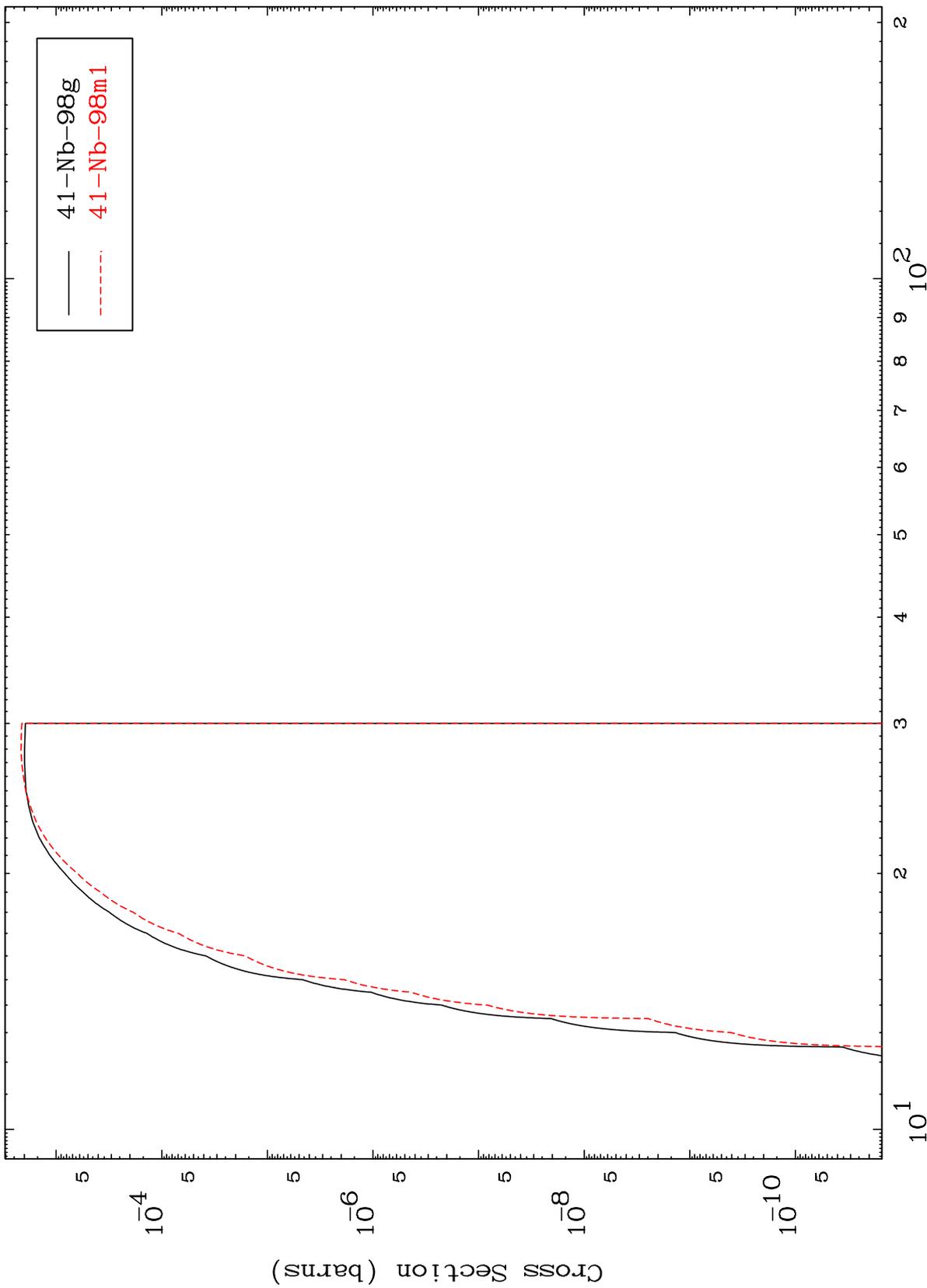
Incident Energy (MeV)

140

MAT 4249

42-Mo-100

(n,t)  
Radionuclide Production Cross Section



42-Mo-100

Incident Energy (MeV)

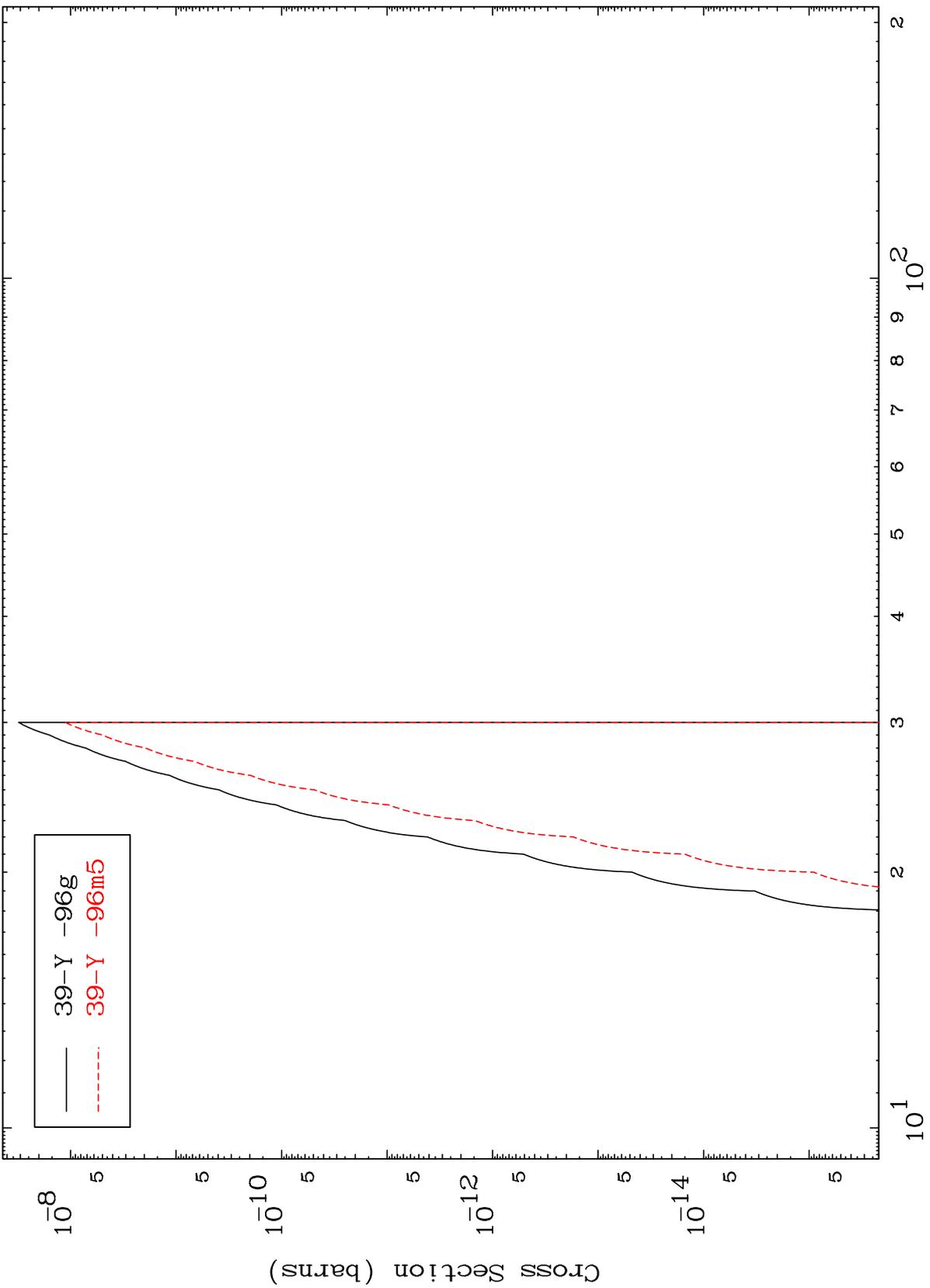
141

MAT 4249

(n,p)  $\alpha$

42-Mo-100

Radionuclide Production Cross Section



142

Incident Energy (MeV)

42-Mo-100