

Program EVALPLOT  
(Version 2021-1)

by

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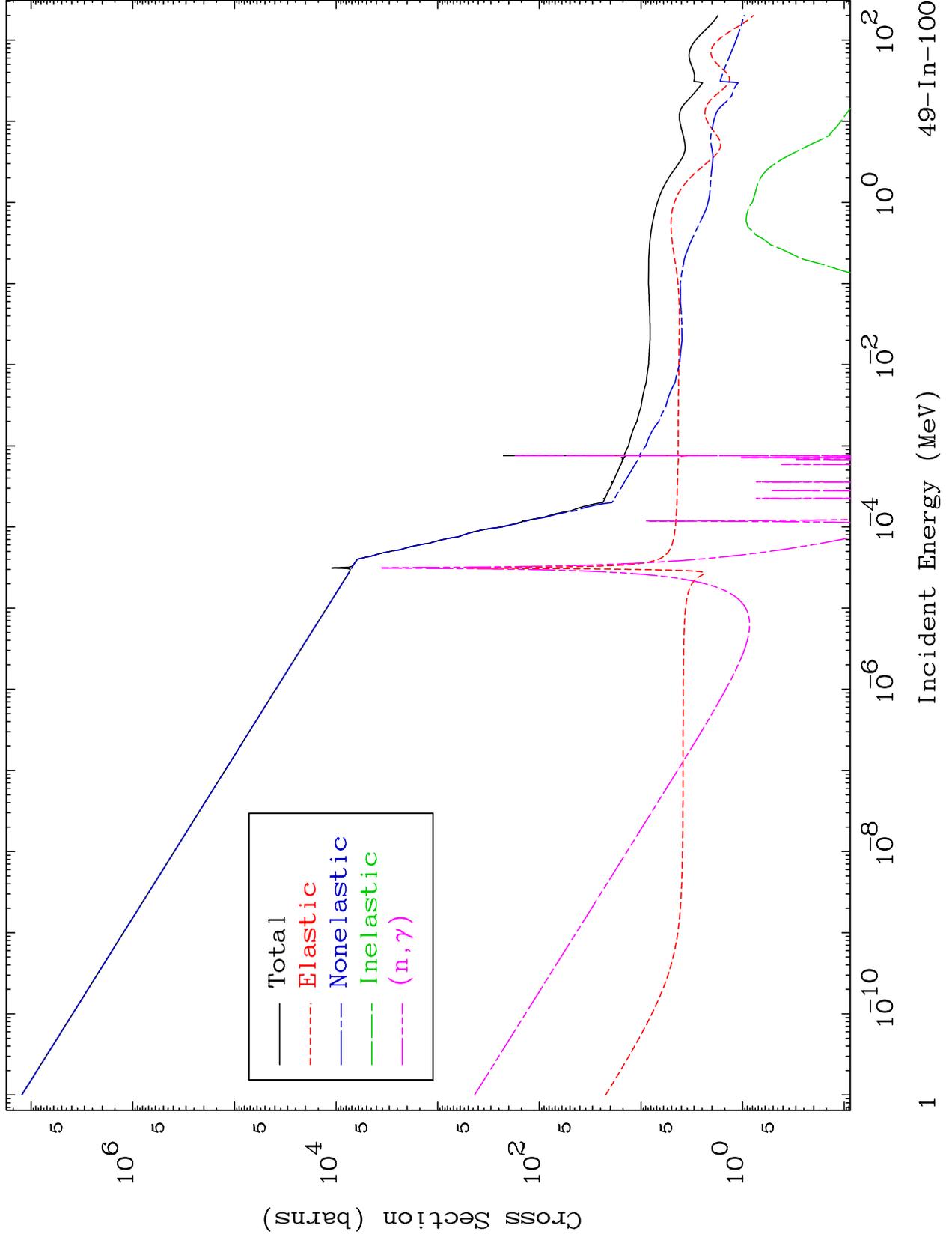
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Press Mouse Button to Start

MAT 4886

Neutron Major  
293 Kelvin Cross Sections

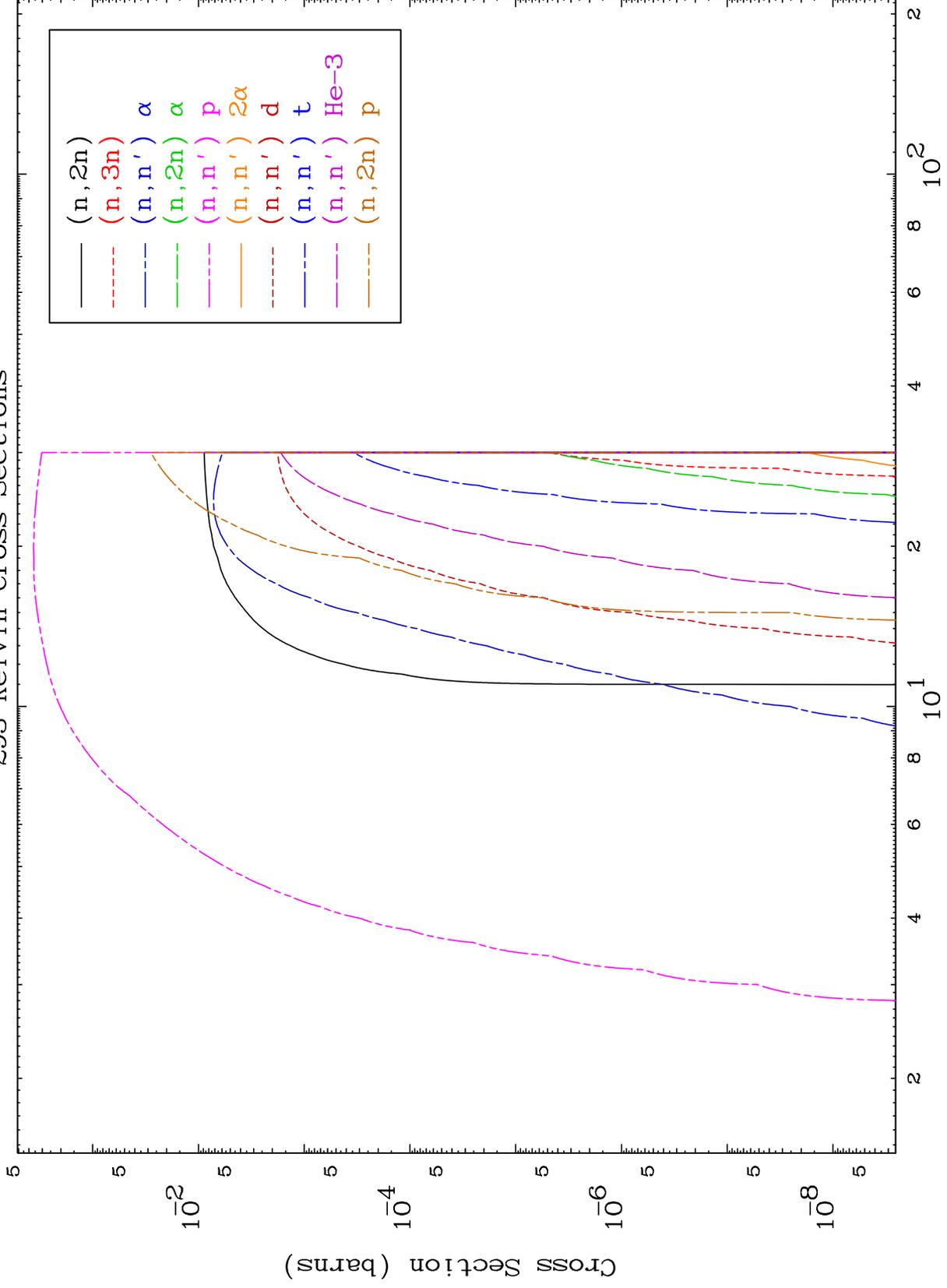
49-In-100



MAT 4886

Neutron Absorption  
293 Kelvin Cross Sections

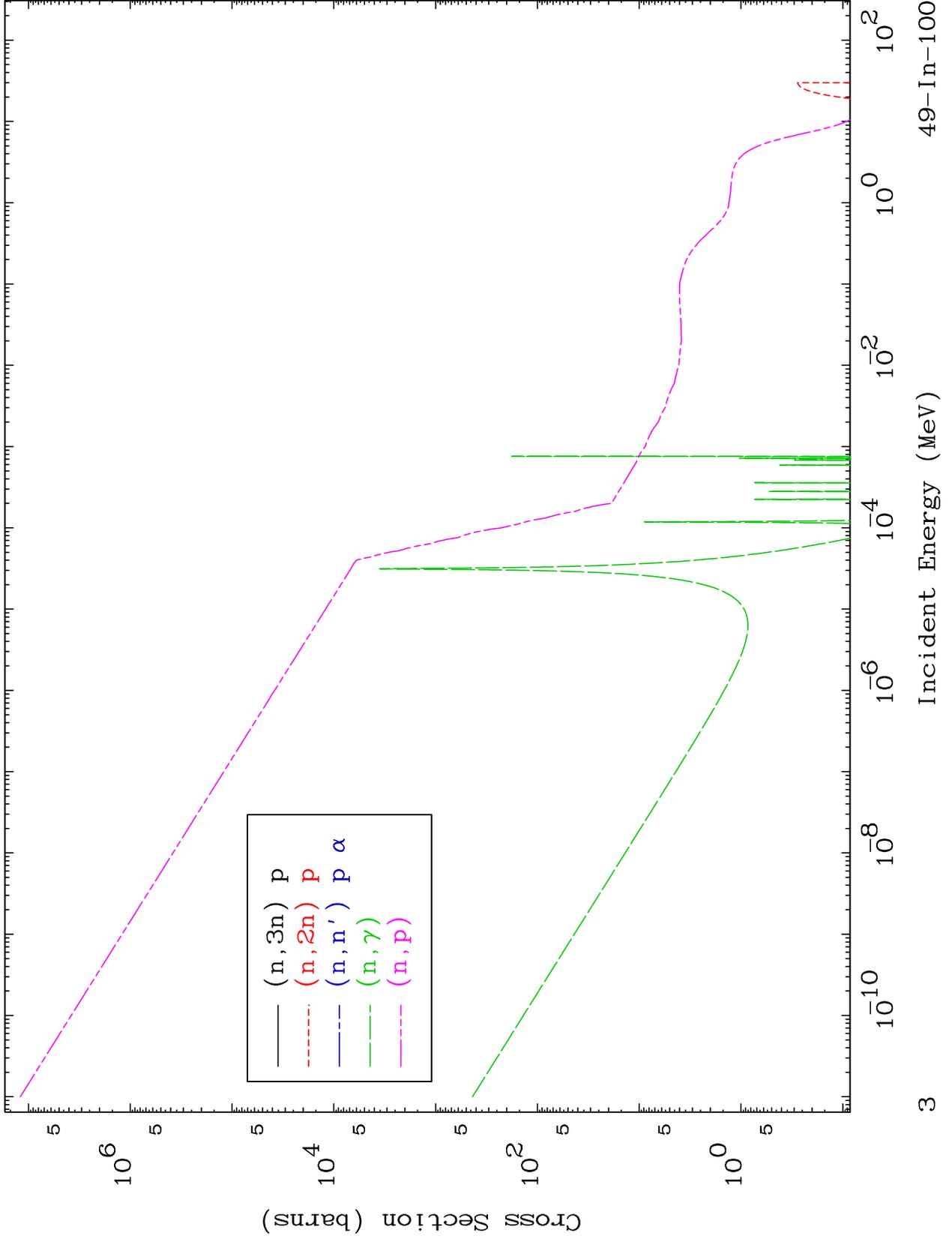
49-In-100



2

Incident Energy (MeV)

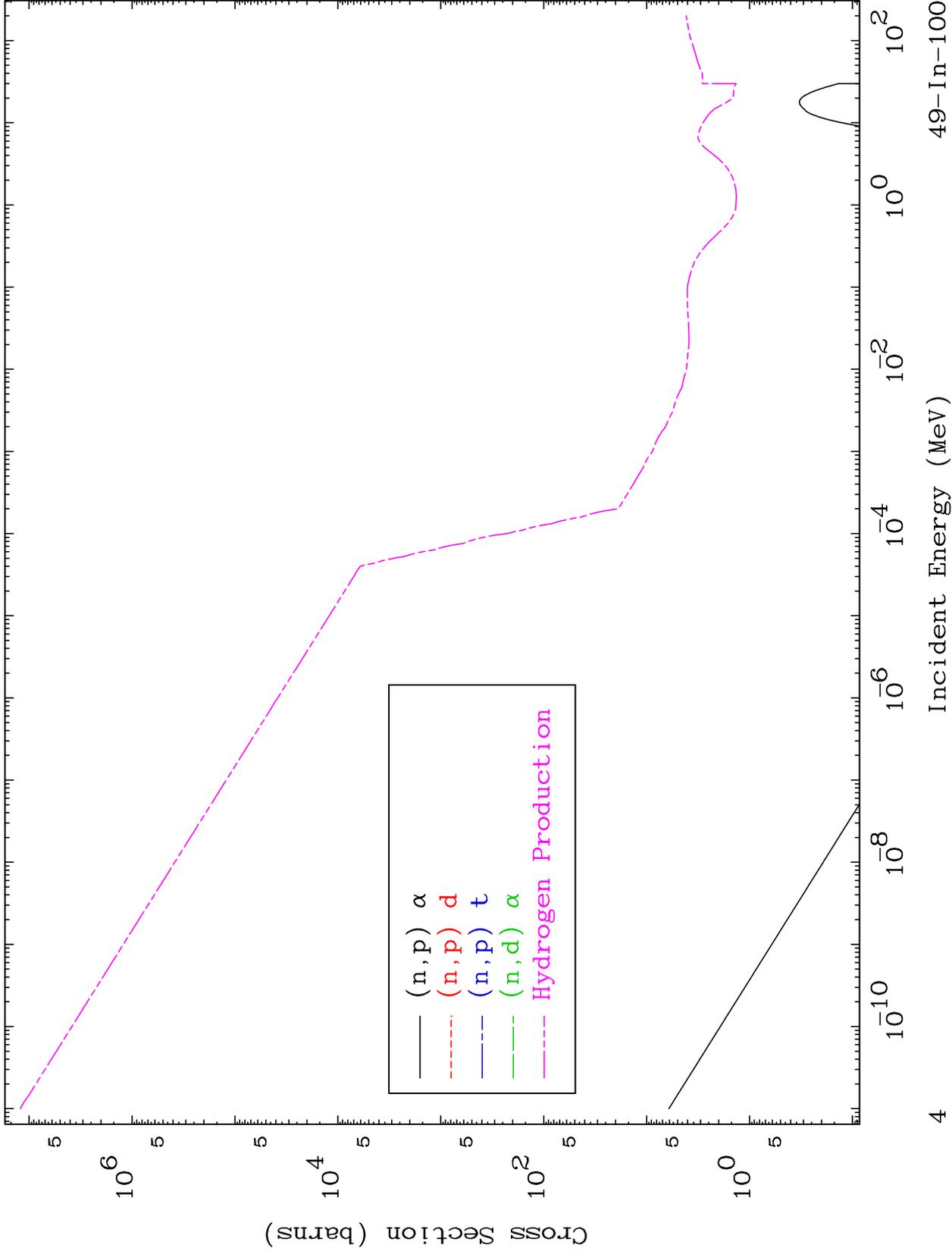
49-In-100



MAT 4886

Neutron Absorption  
293 Kelvin Cross Sections

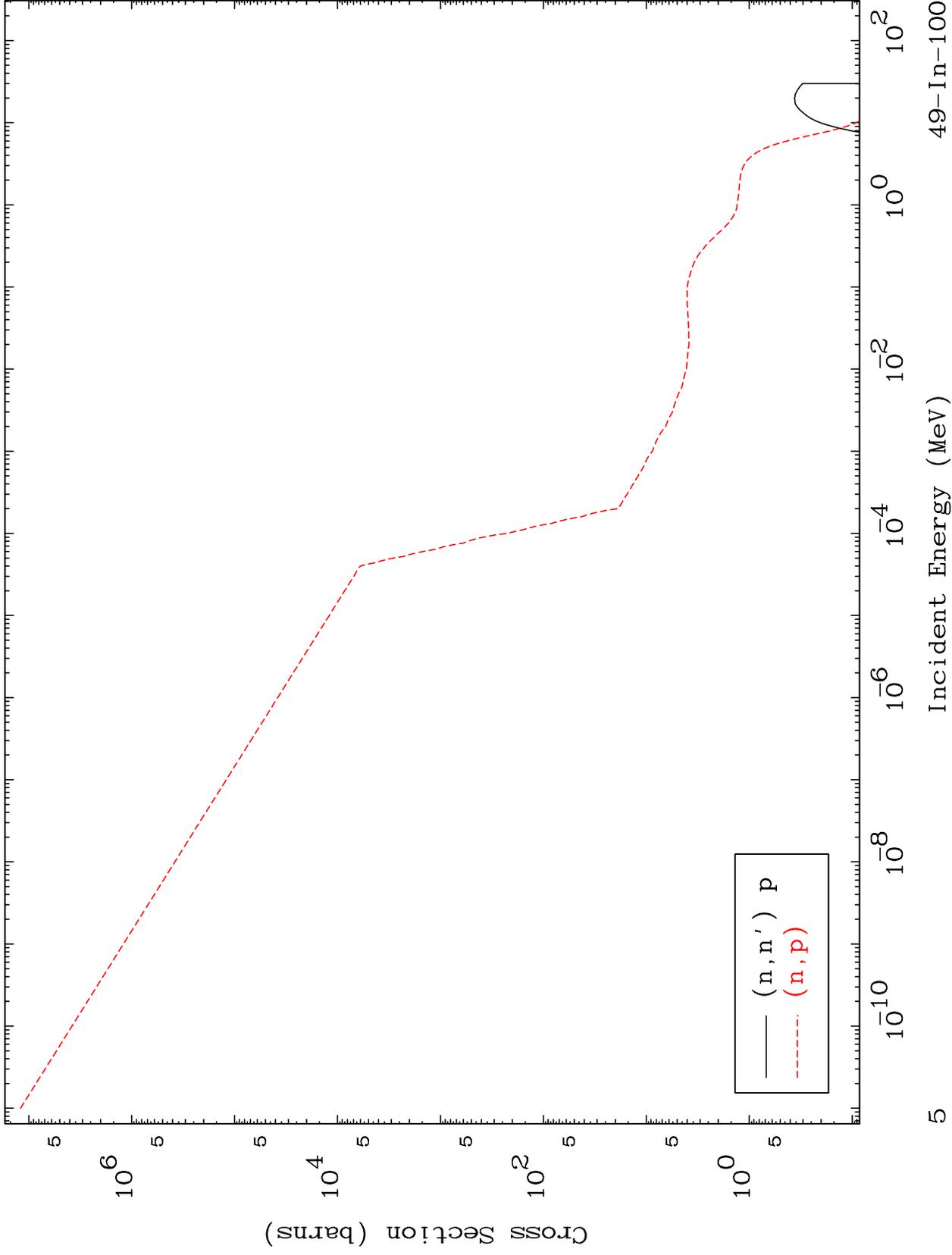
49-In-100



MAT 4886

Charged Particle  
293 Kelvin Cross Sections

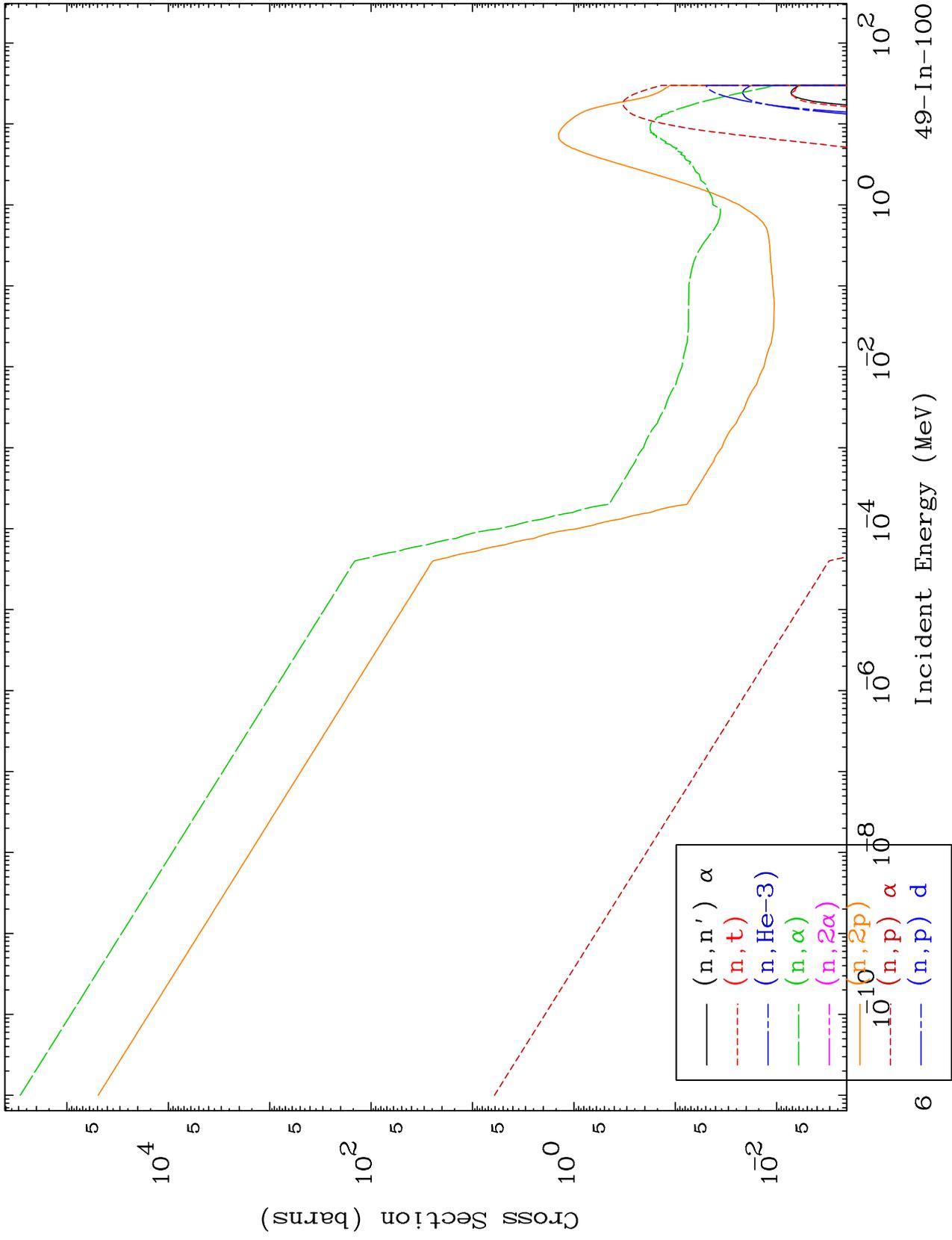
49-In-100



MAT 4886

Charged Particle  
293 Kelvin Cross Sections

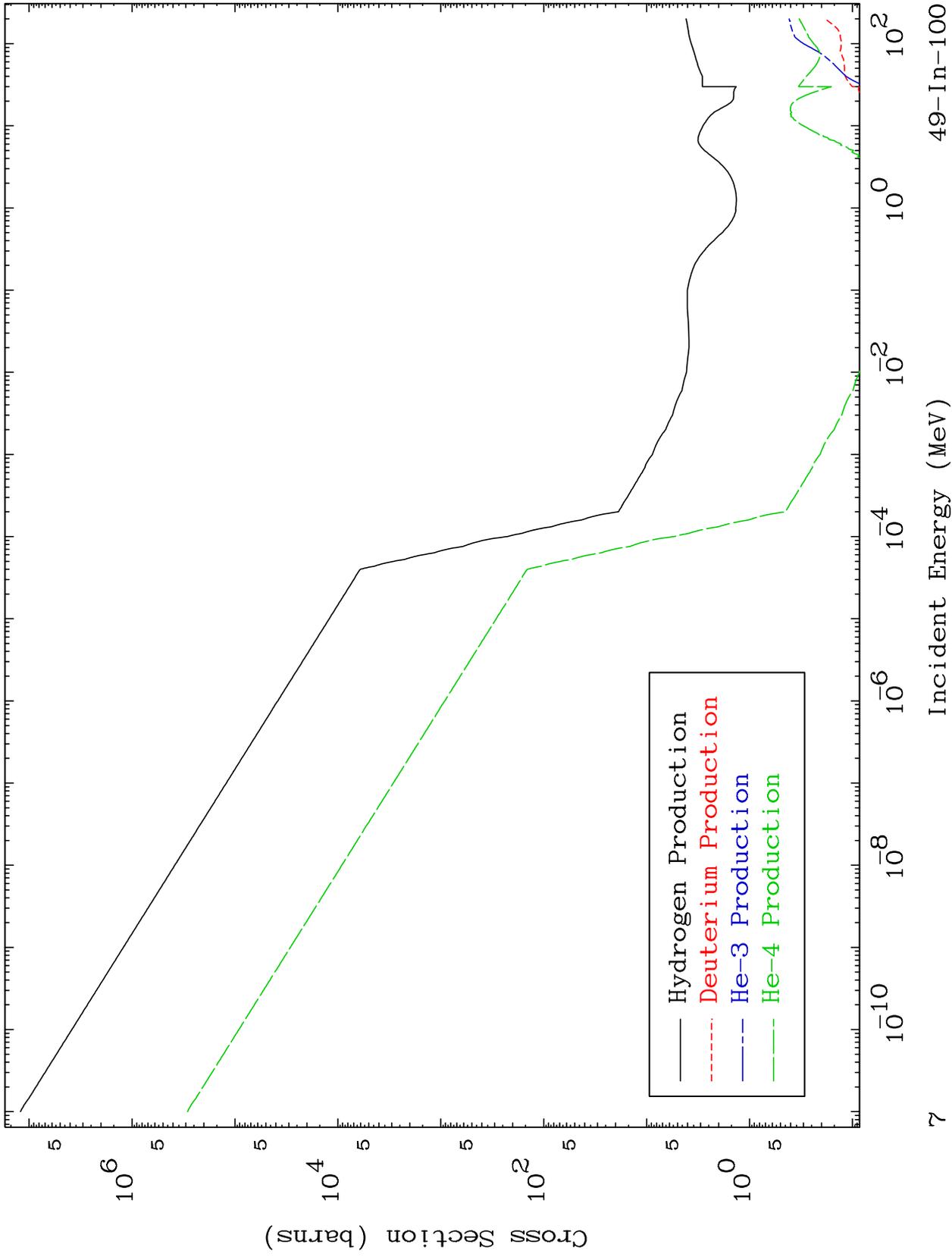
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MAT 4886

Particle Production  
293 Kelvin Cross Sections

49-In-100

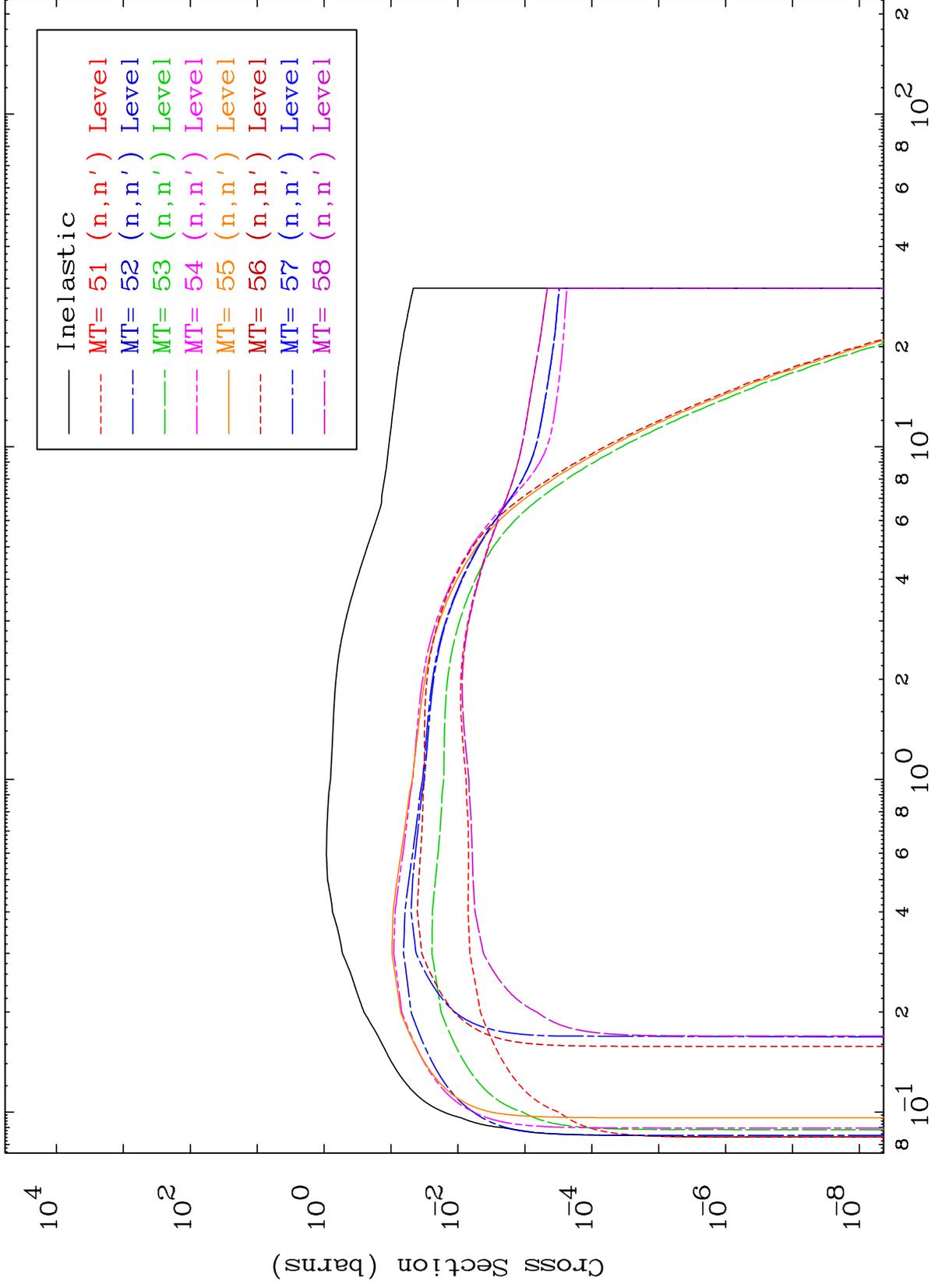


MAT 4886

(n,n') Levels

293 Kelvin Cross Sections

49-In-100

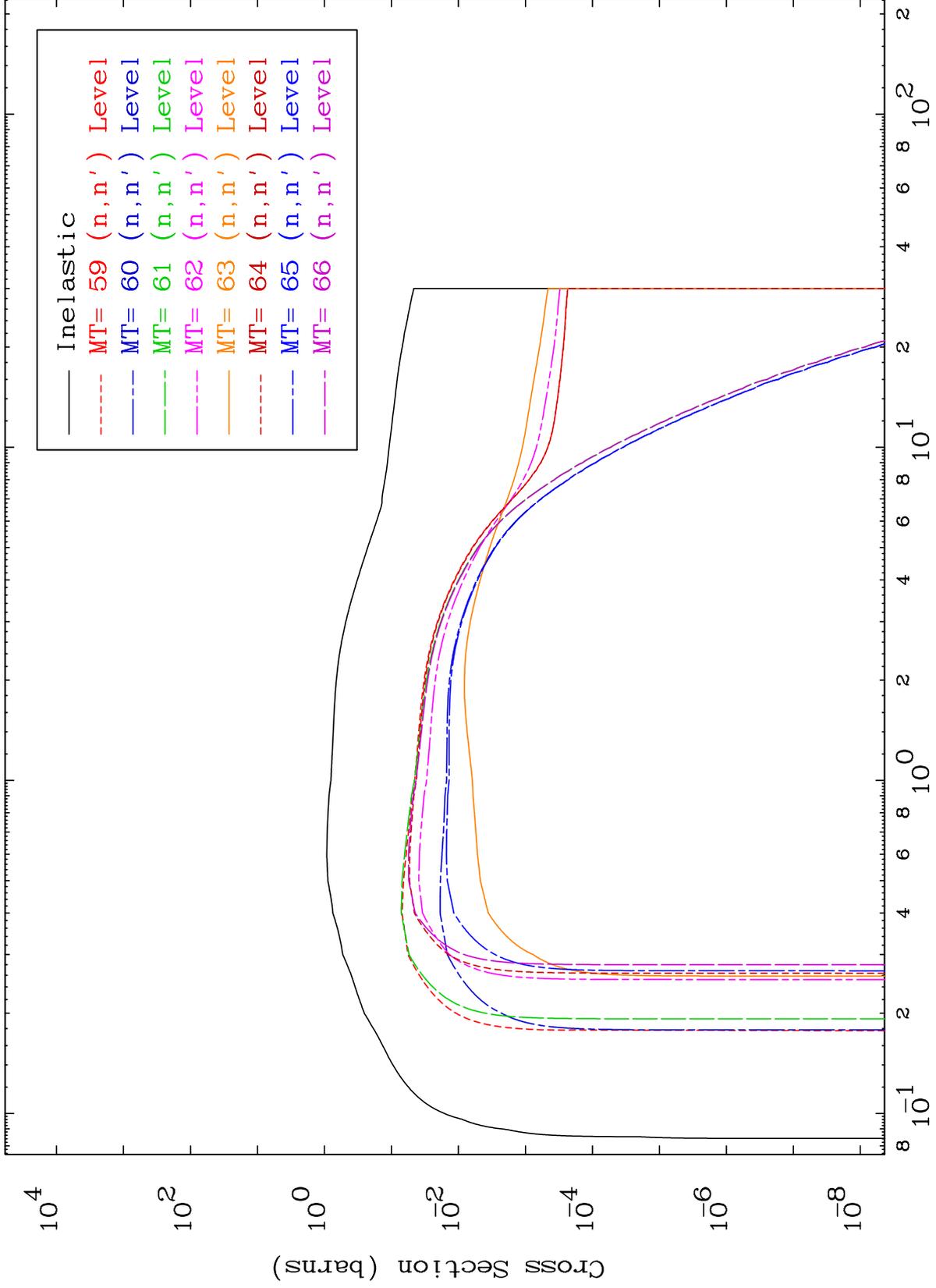


8

Incident Energy (MeV)

49-In-100

293 Kelvin Cross Sections

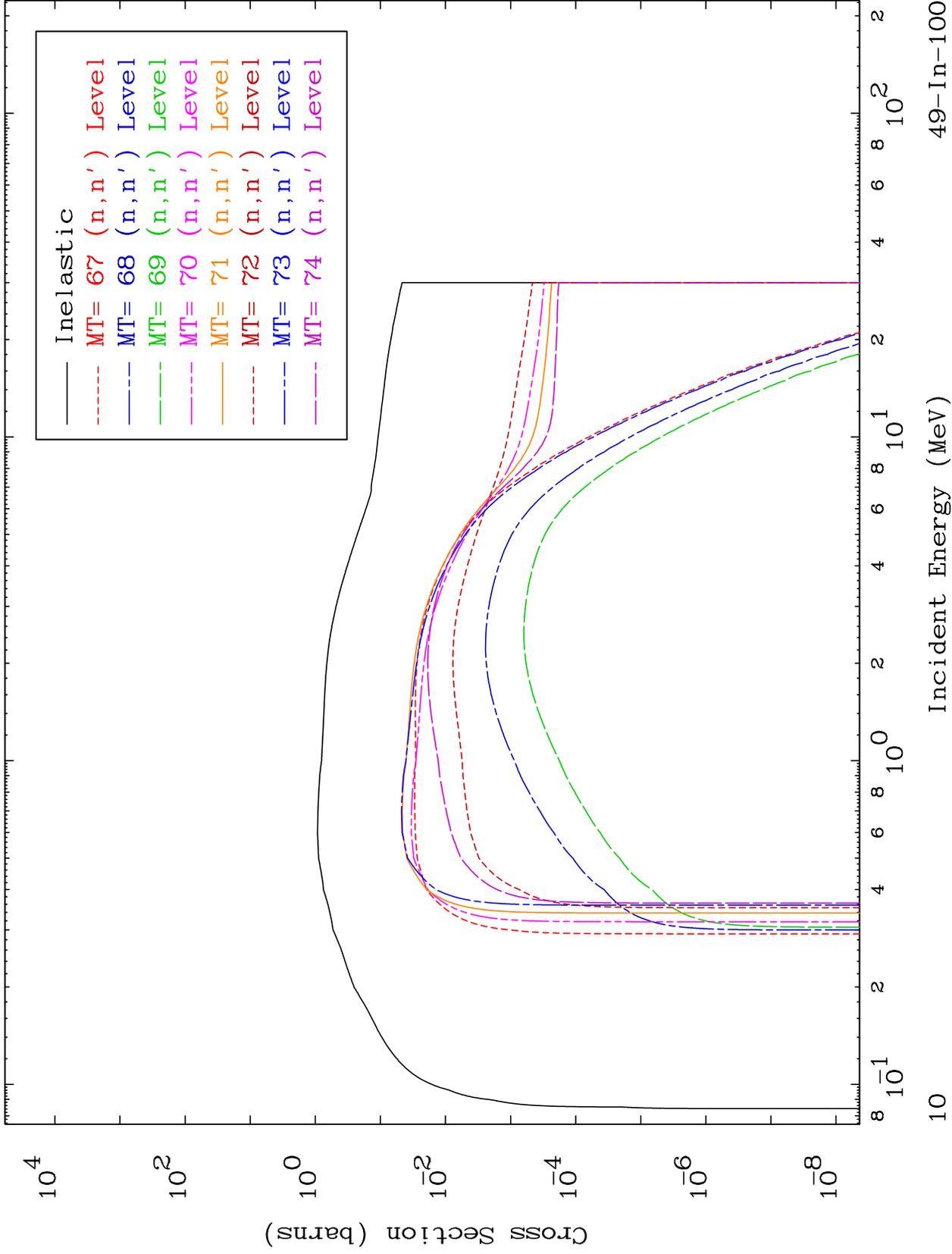


MAT 4886

(n,n') Levels

49-In-100

293 Kelvin Cross Sections

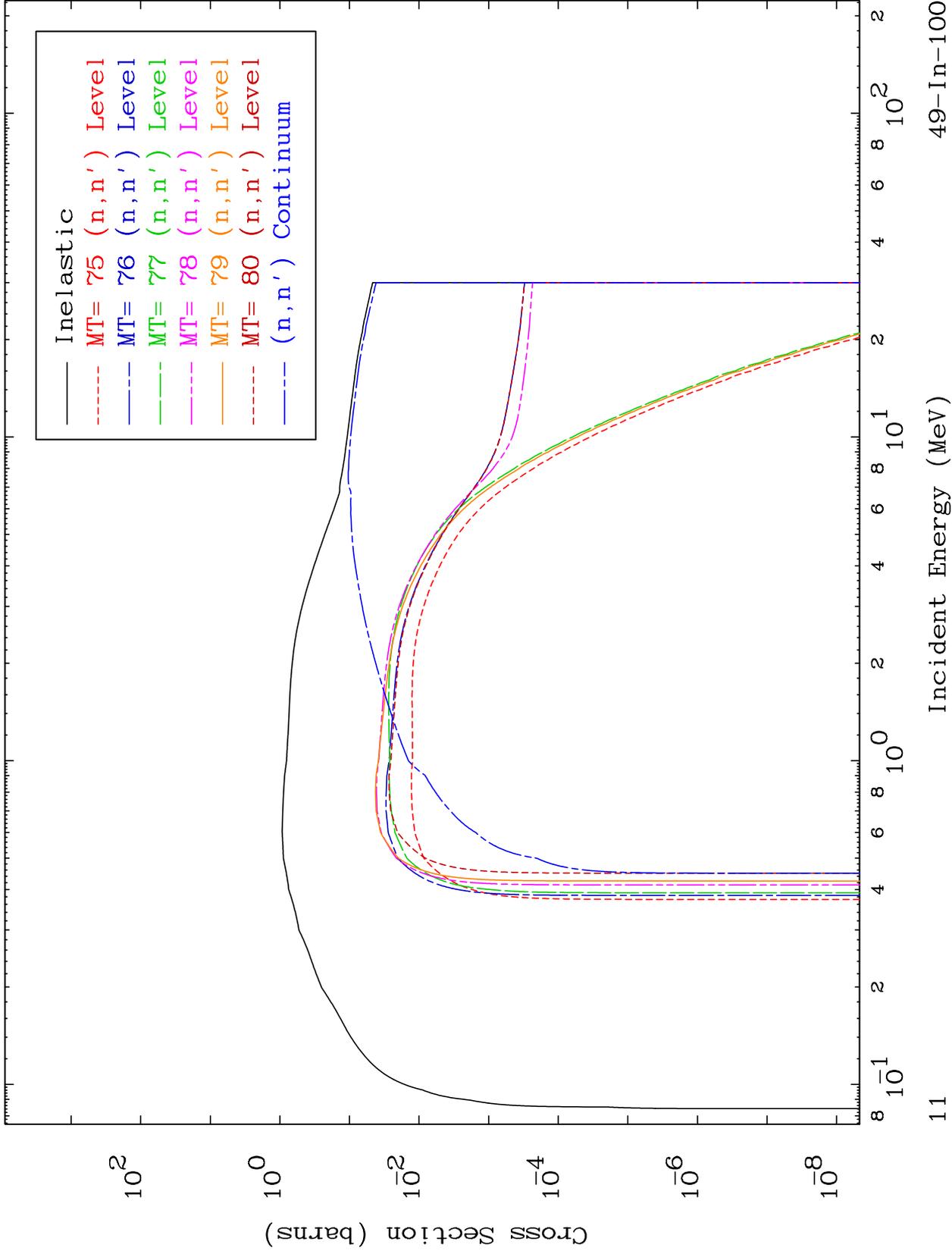


MAT 4886

(n,n') Levels

49-In-100

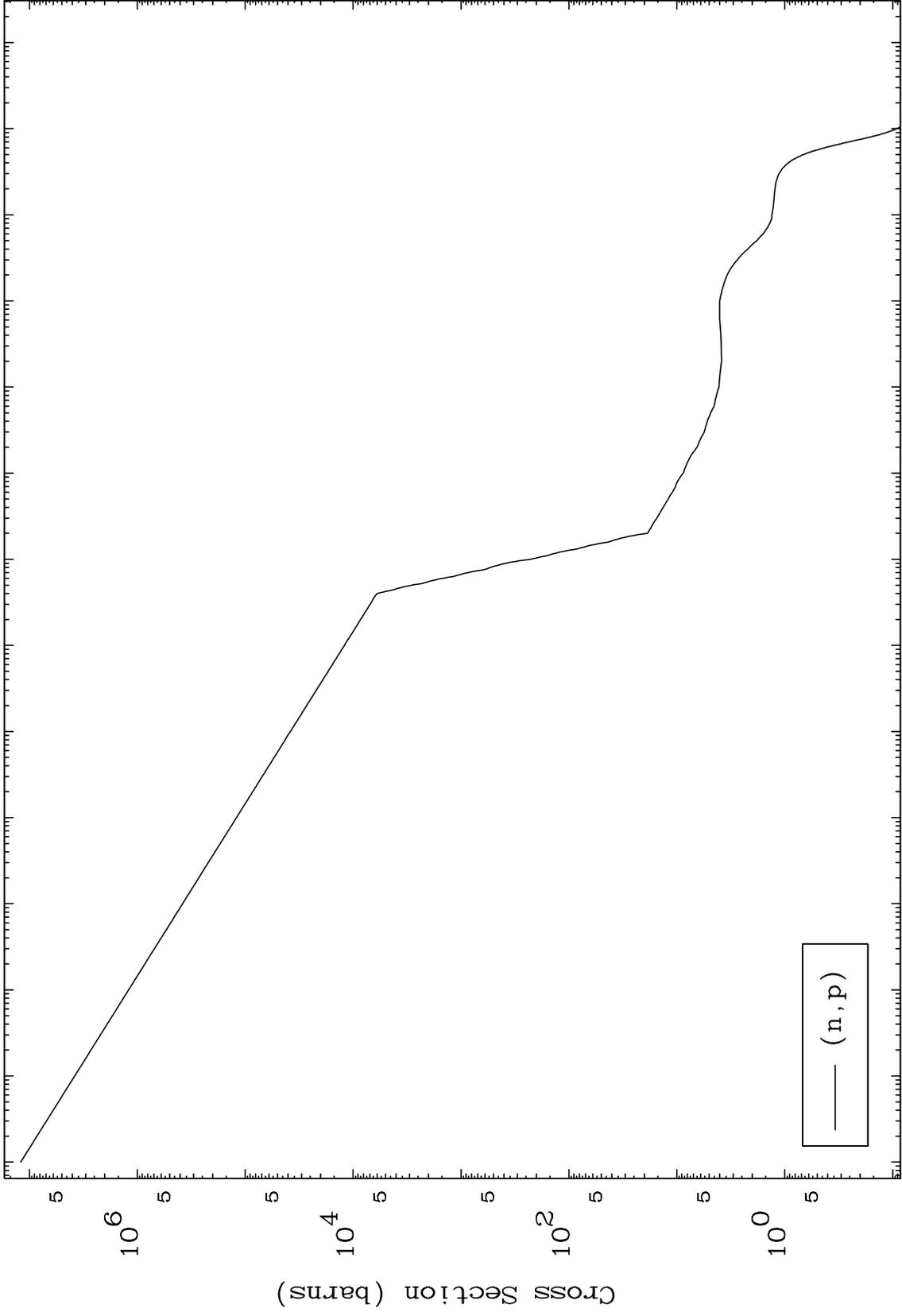
293 Kelvin Cross Sections



MAT 4886

(n,p) Levels  
293 Kelvin Cross Sections

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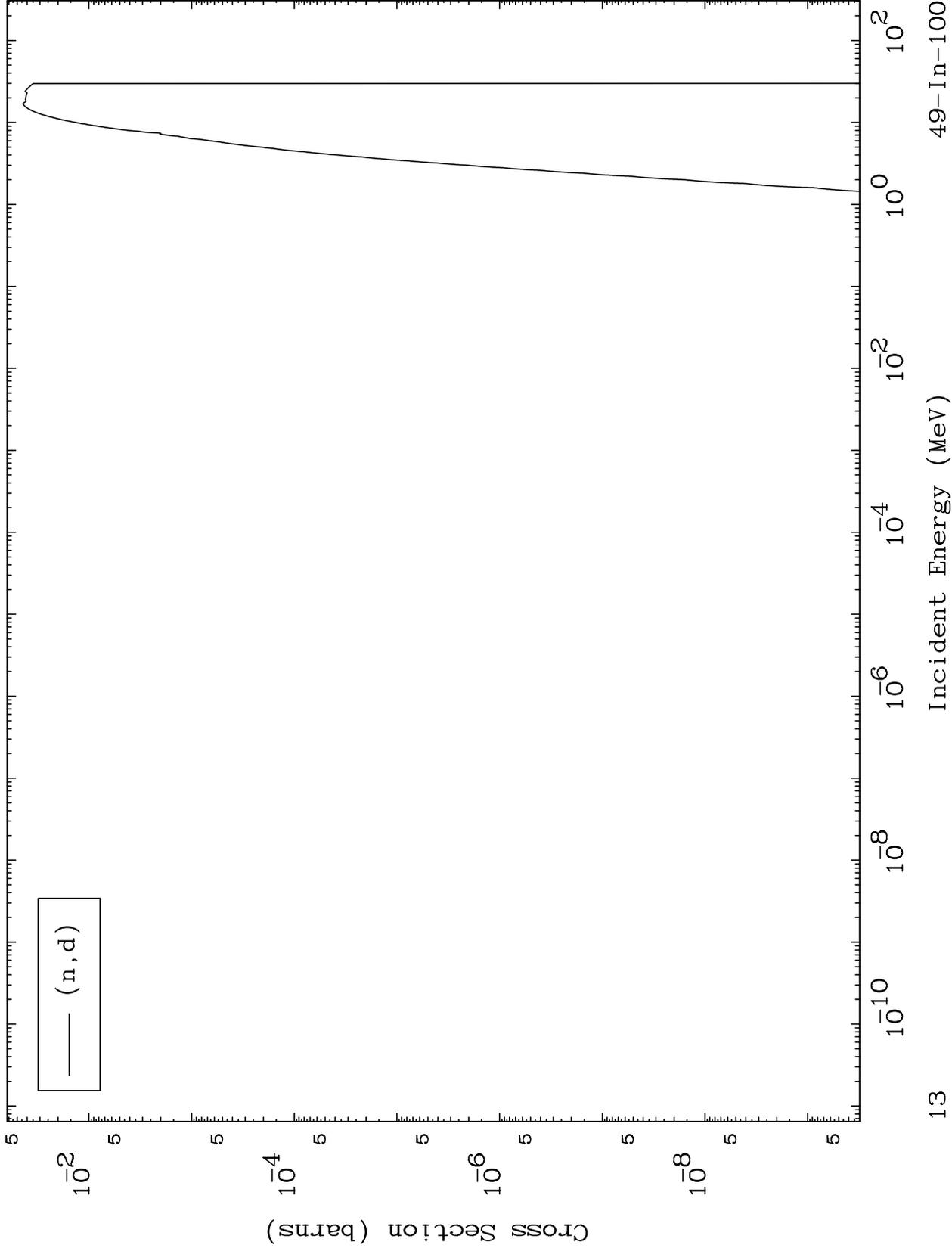


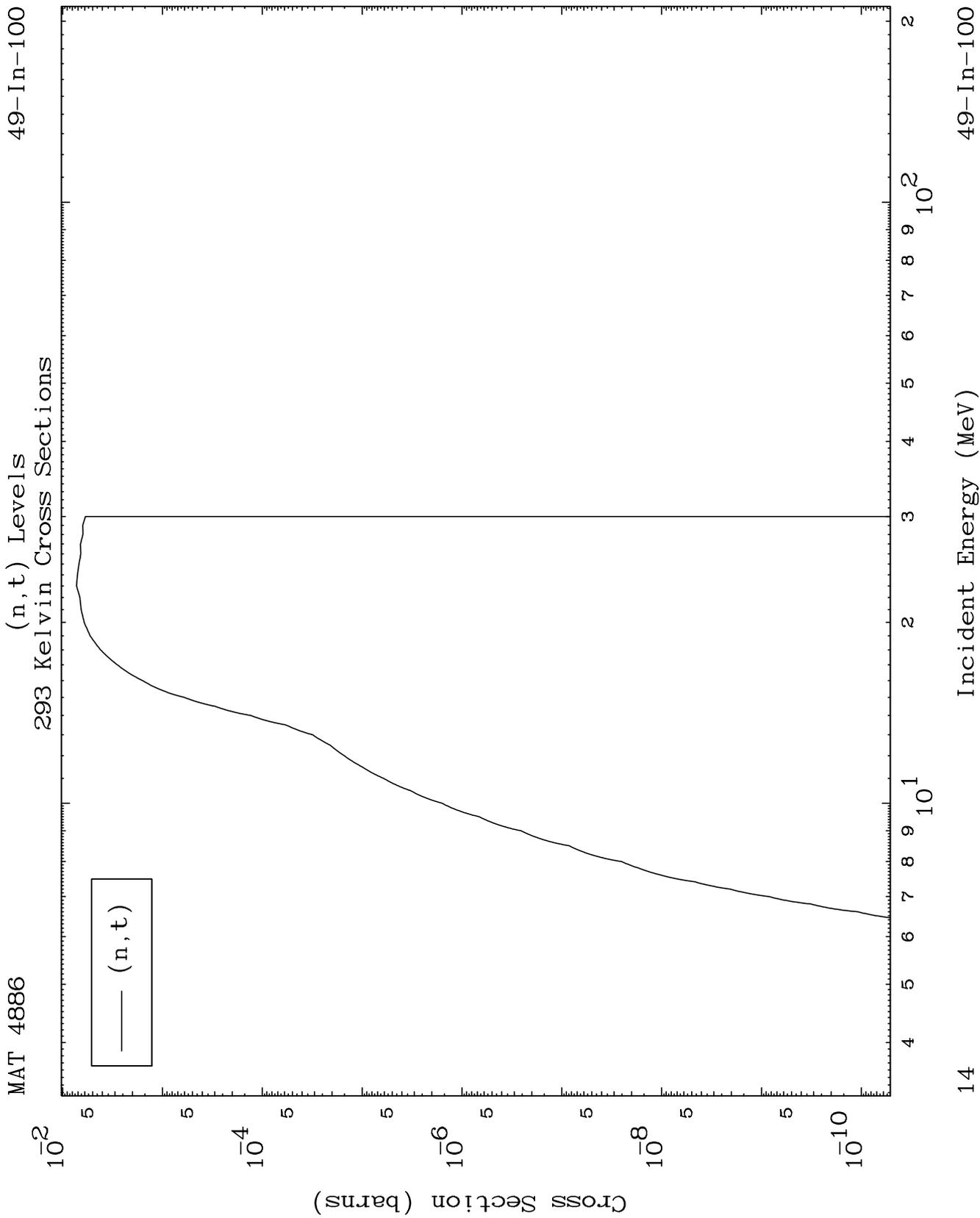
— (n,p)

MAT 4886

(n,d) Levels  
293 Kelvin Cross Sections

49-In-100

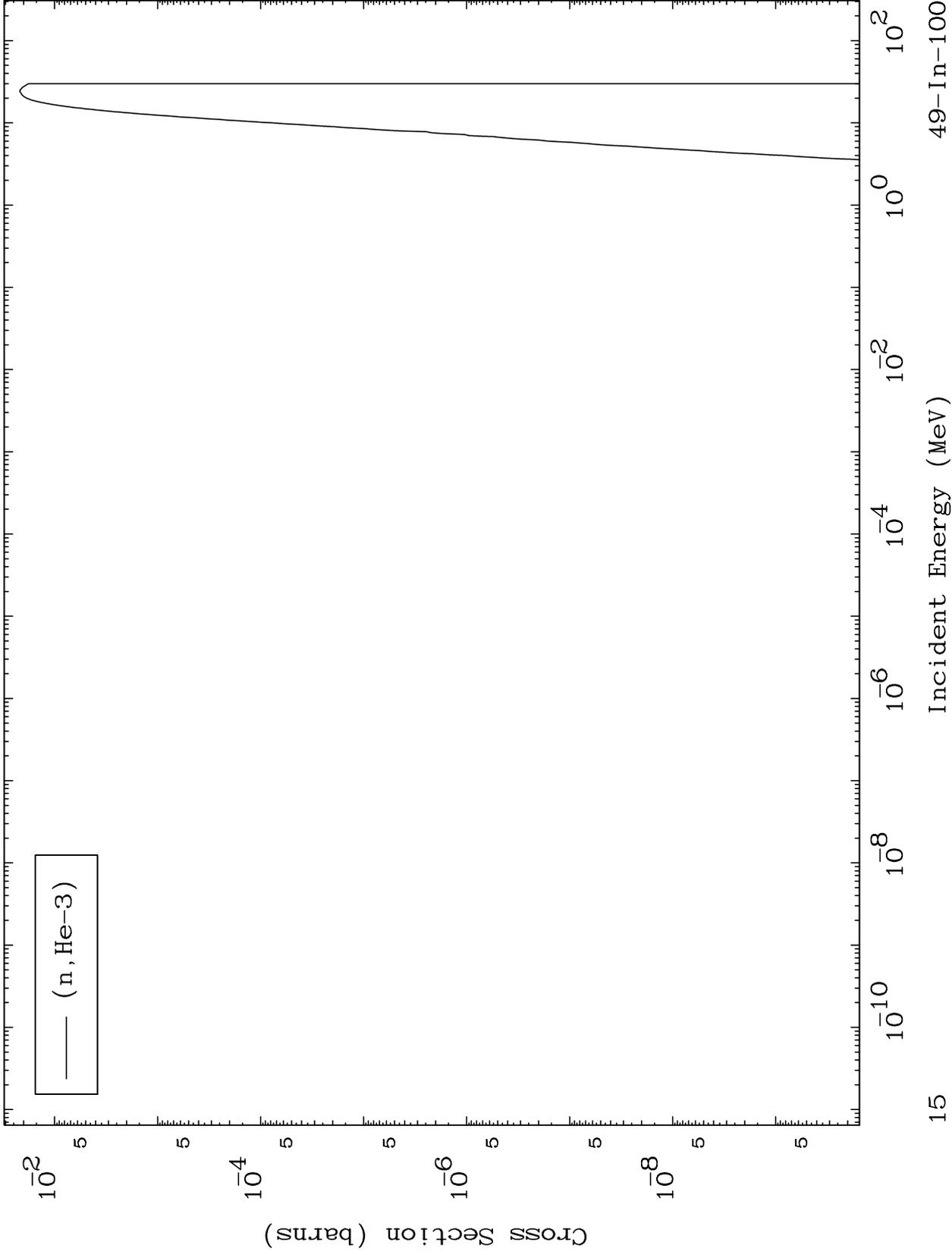




MAT 4886

(n,He3) Levels  
293 Kelvin Cross Sections

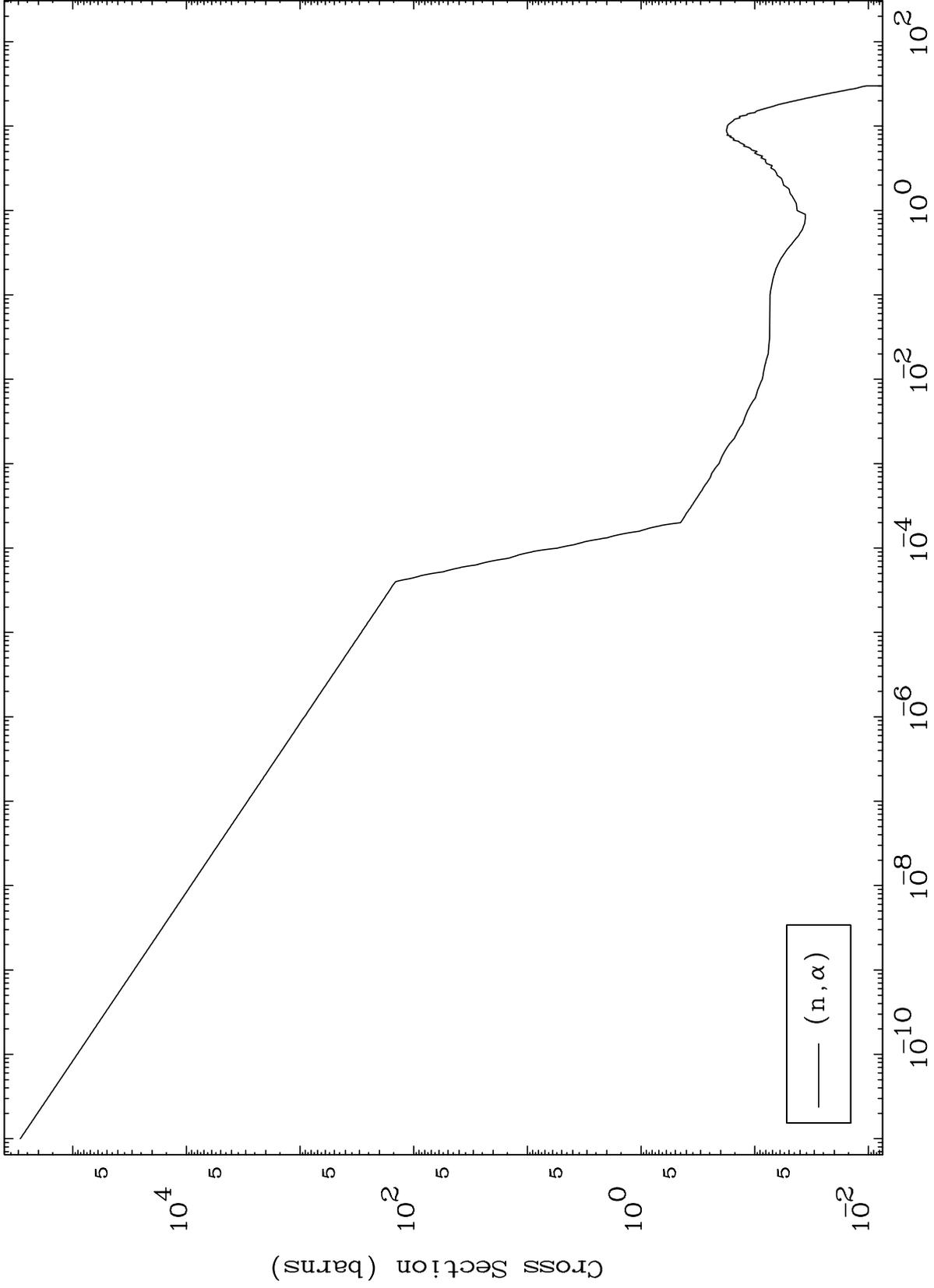
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MAT 4886

(n,α) Levels  
293 Kelvin Cross Sections

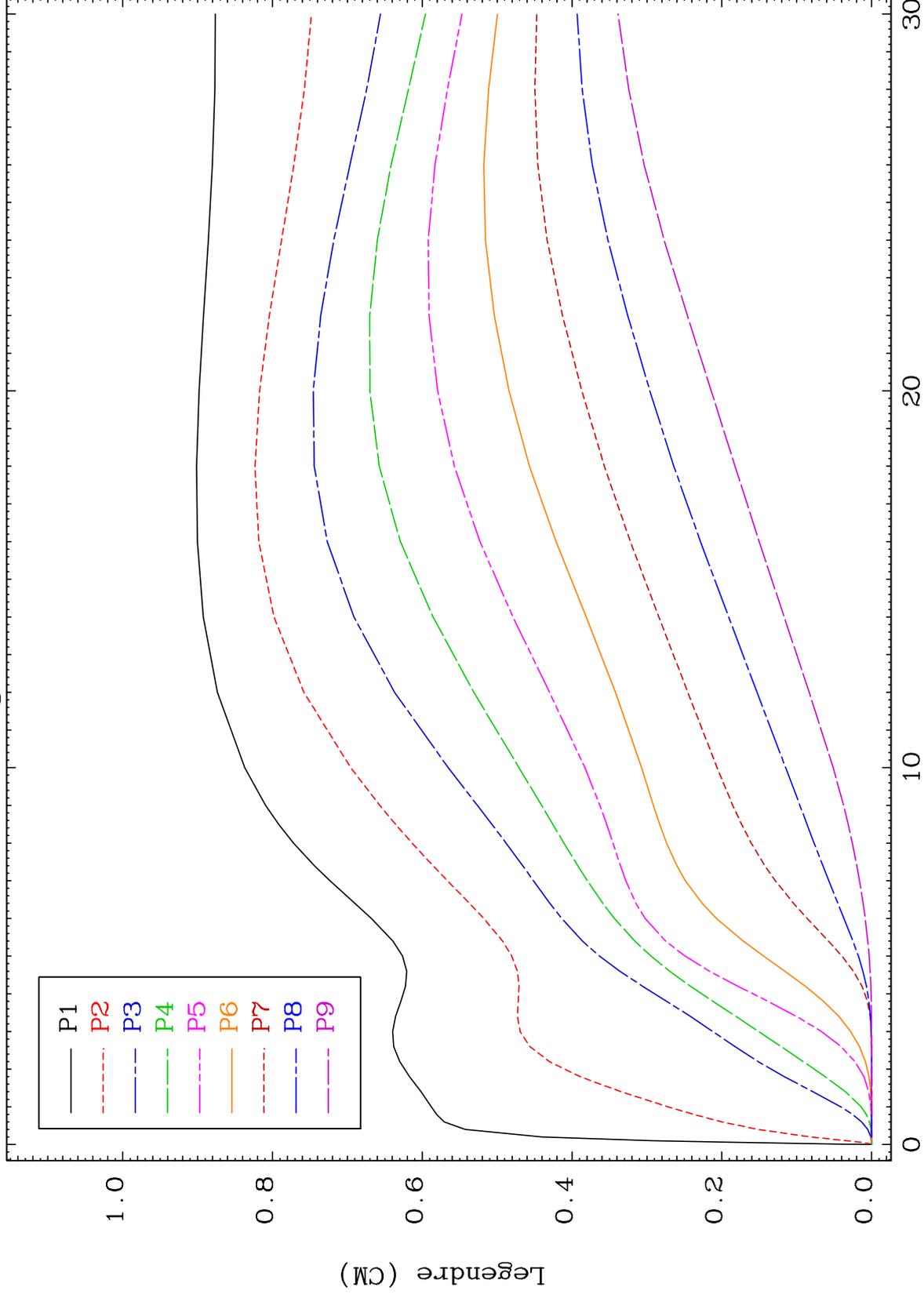
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MAT 4886

Elastic Legendre Coefficients

49-In-100



17

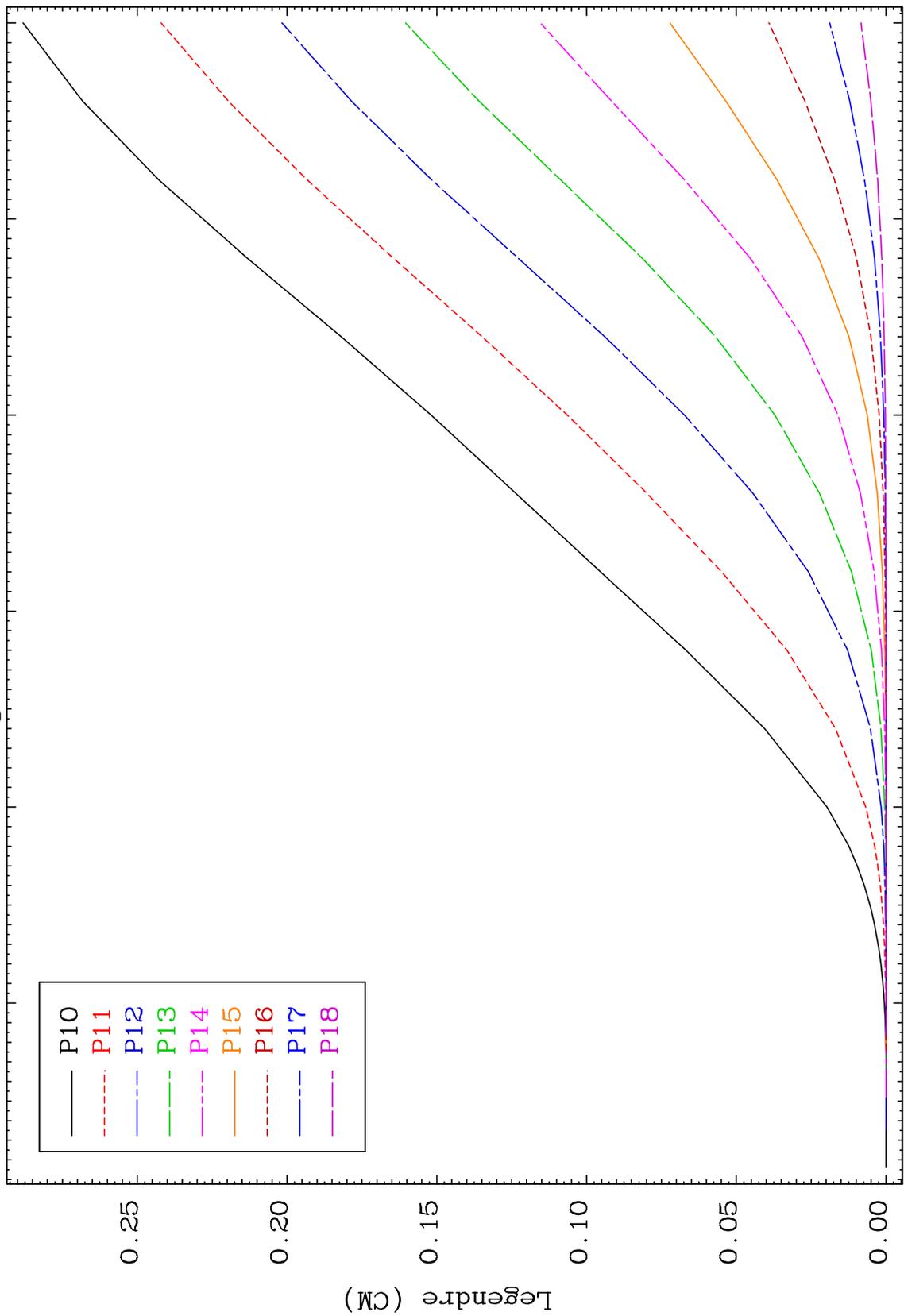
Incident Energy (MeV)

49-In-100

MAT 4886

Elastic Legendre Coefficients

49-In-100



18

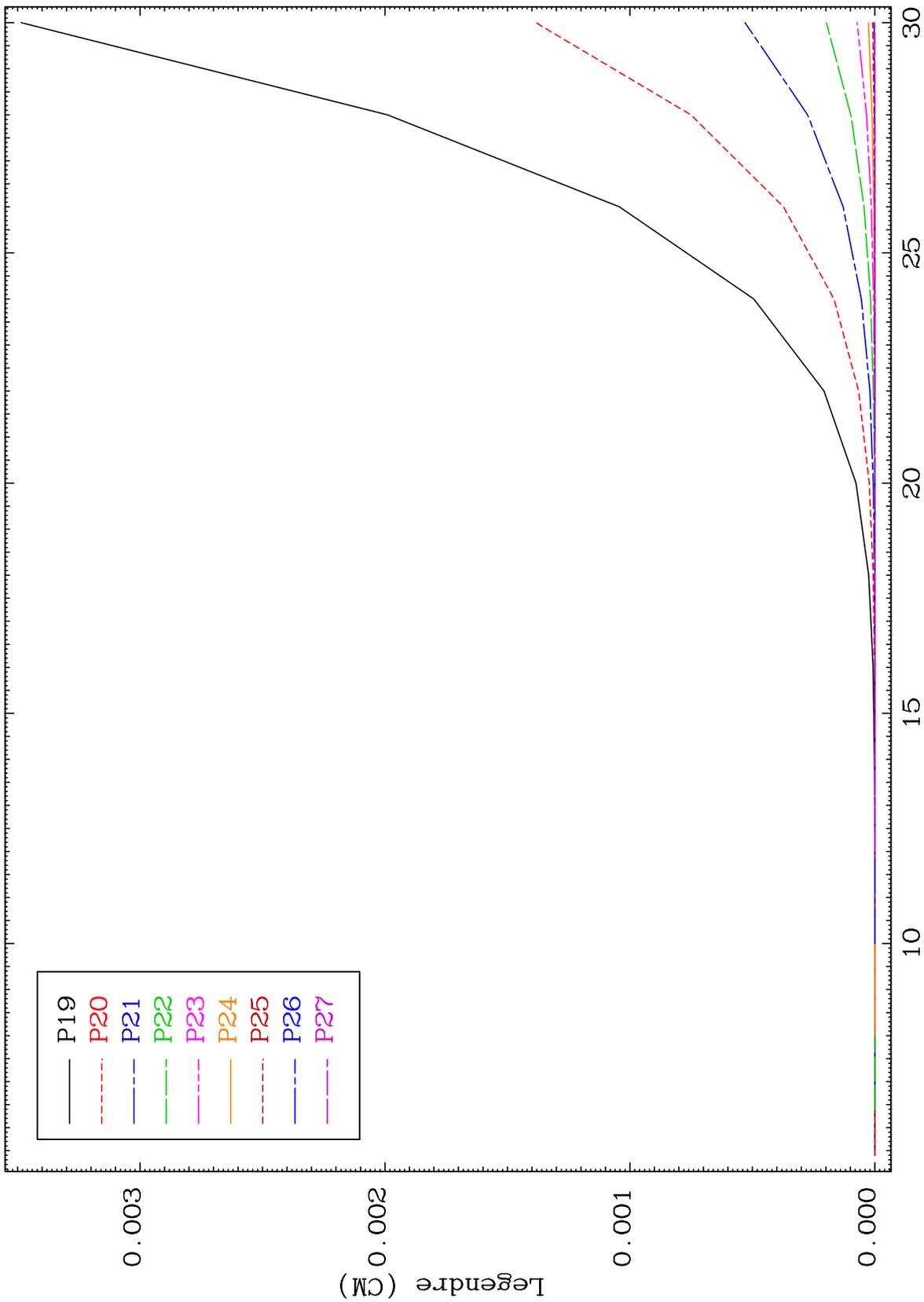
Incident Energy (MeV)

49-In-100

MAT 4886

Elastic Legendre Coefficients

49-In-100



19

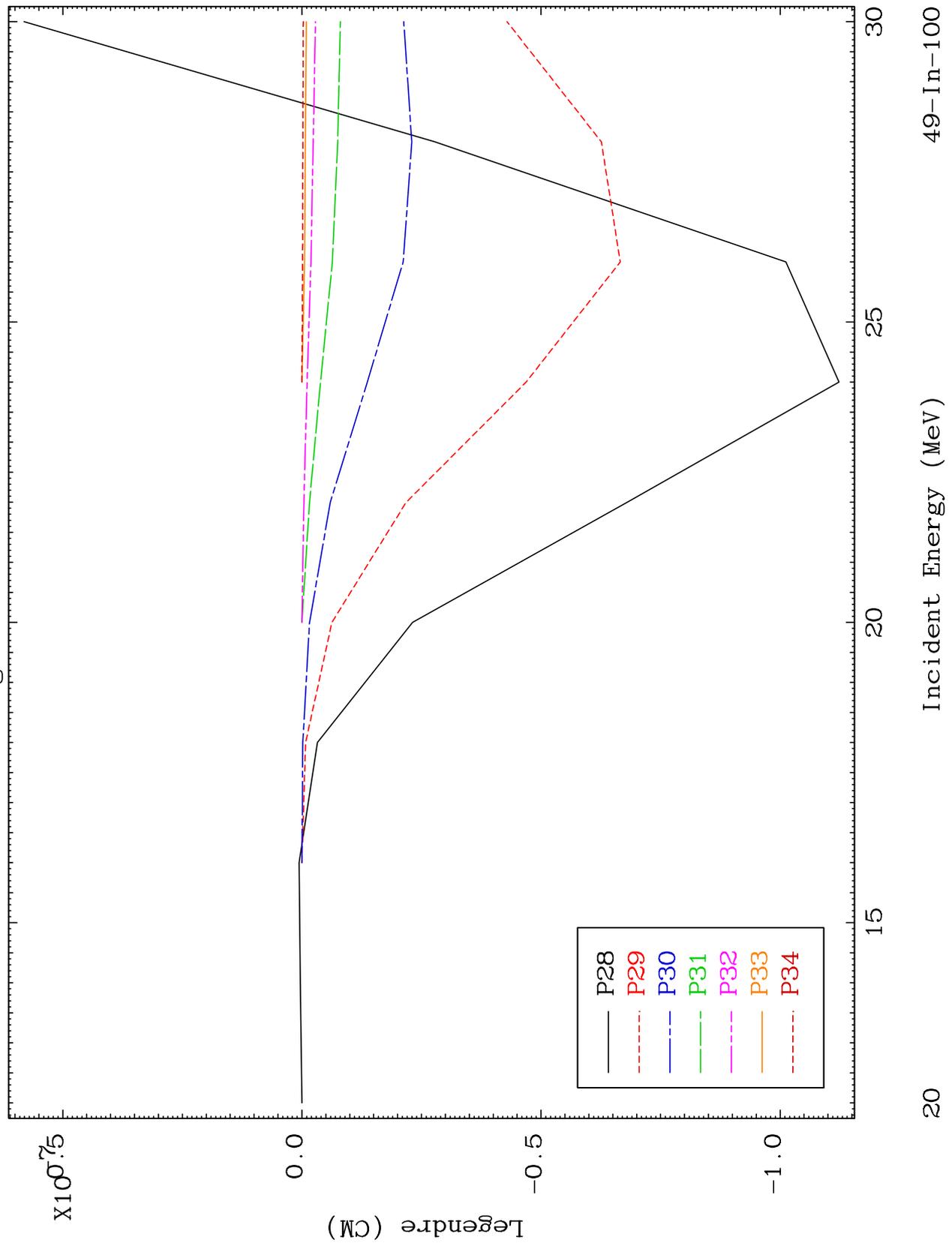
Incident Energy (MeV)

49-In-100

MAT 4886

Elastic Legendre Coefficients

49-In-100



20

Incident Energy (MeV)

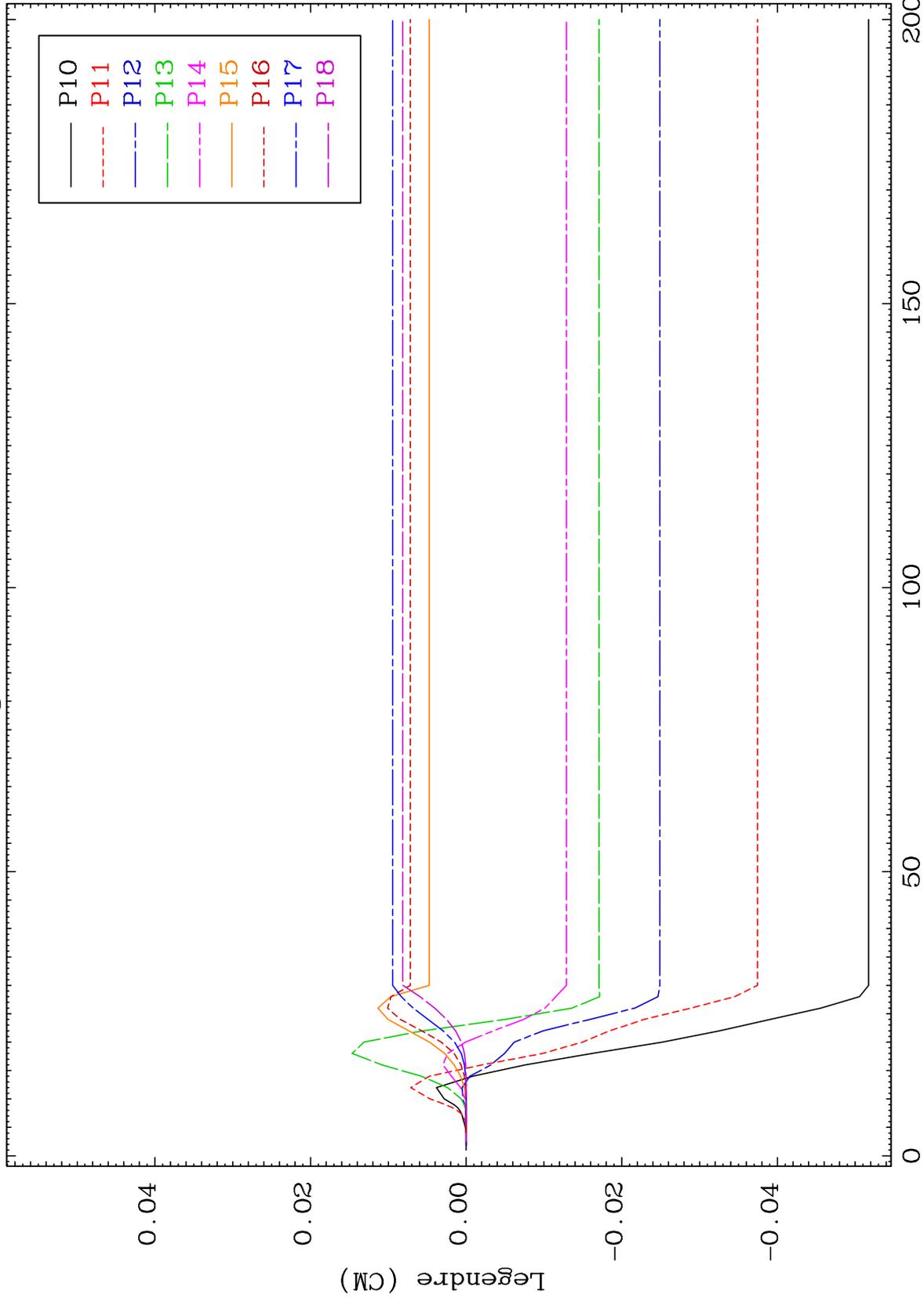
49-In-100



MAT 4886

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

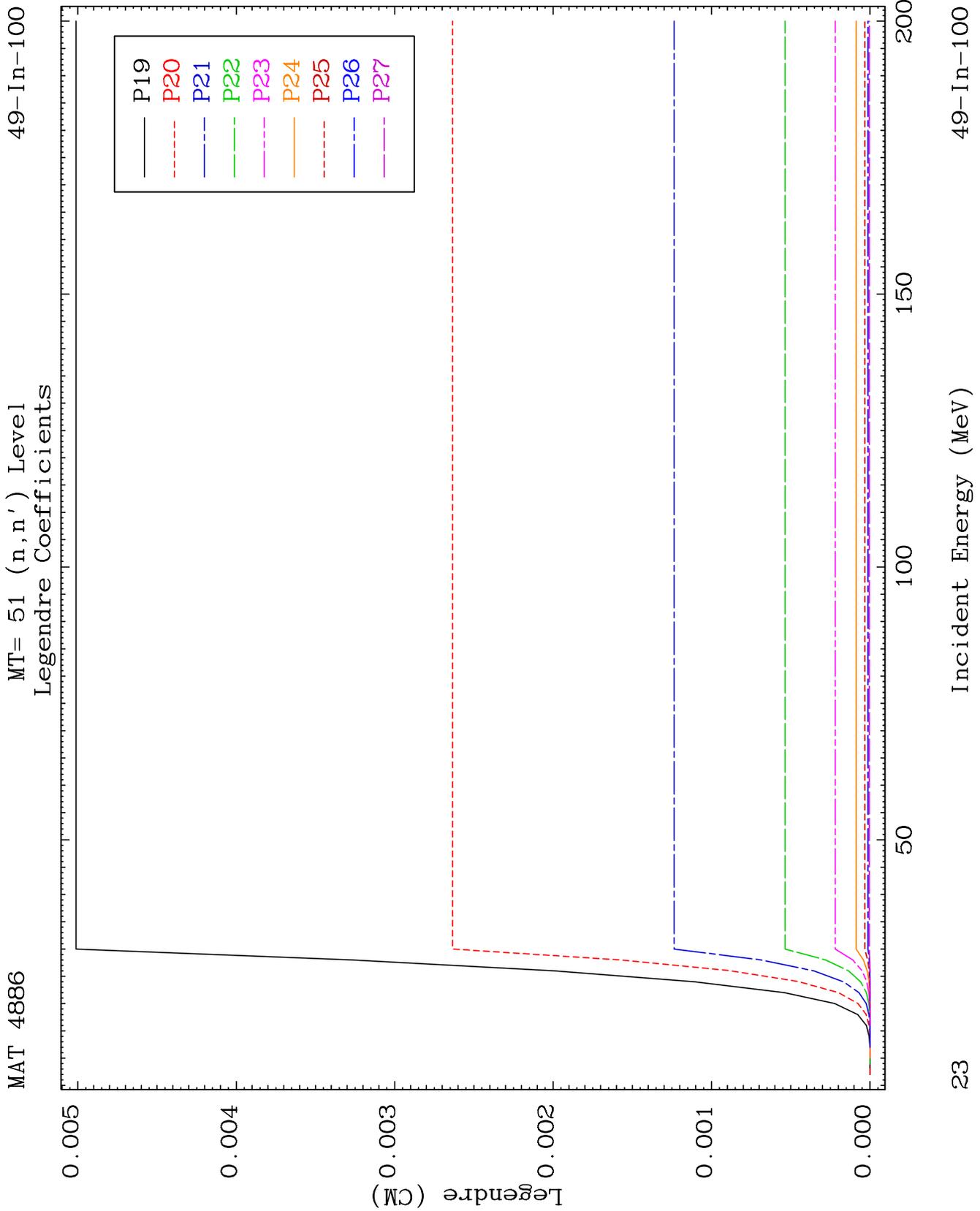
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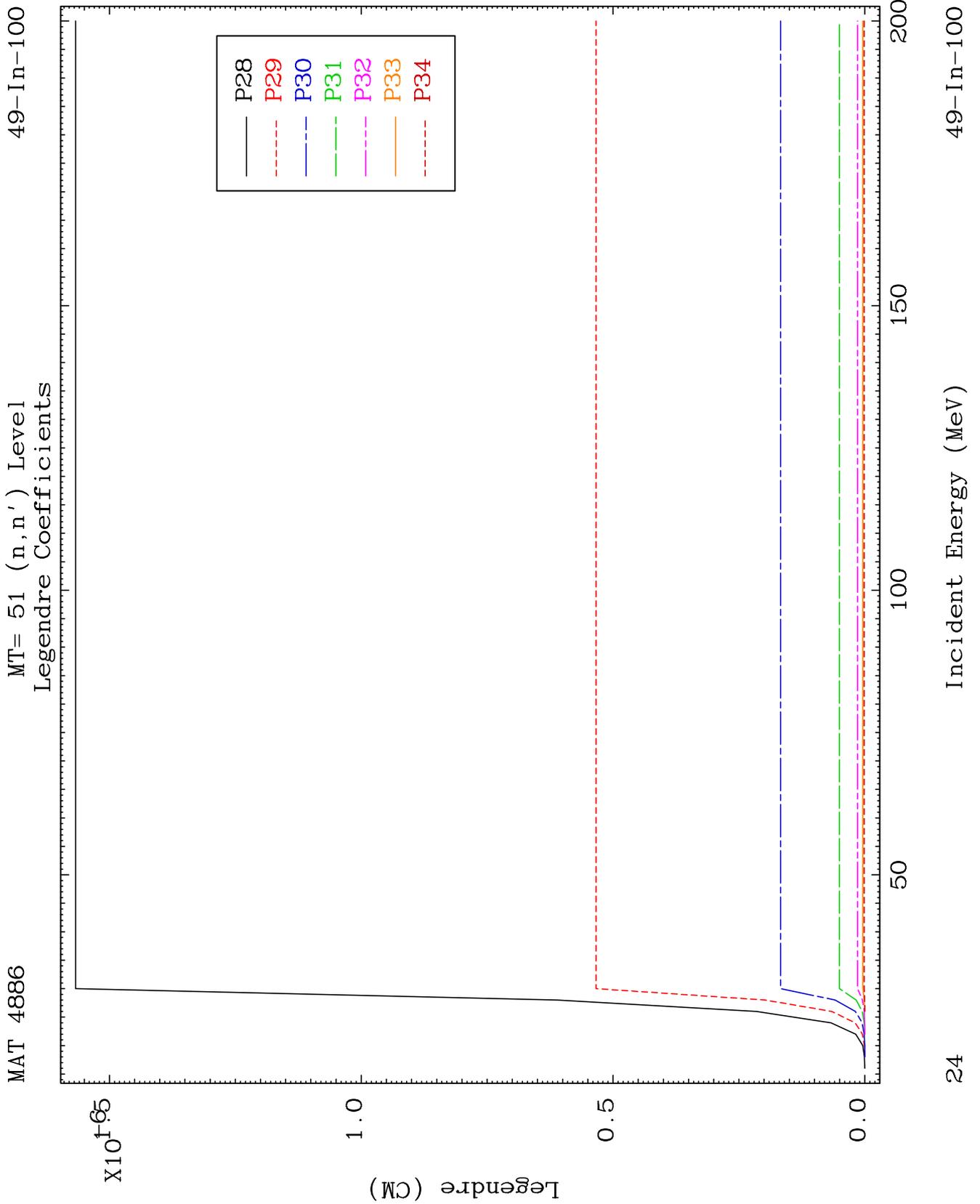


22

Incident Energy (MeV)

49-In-100

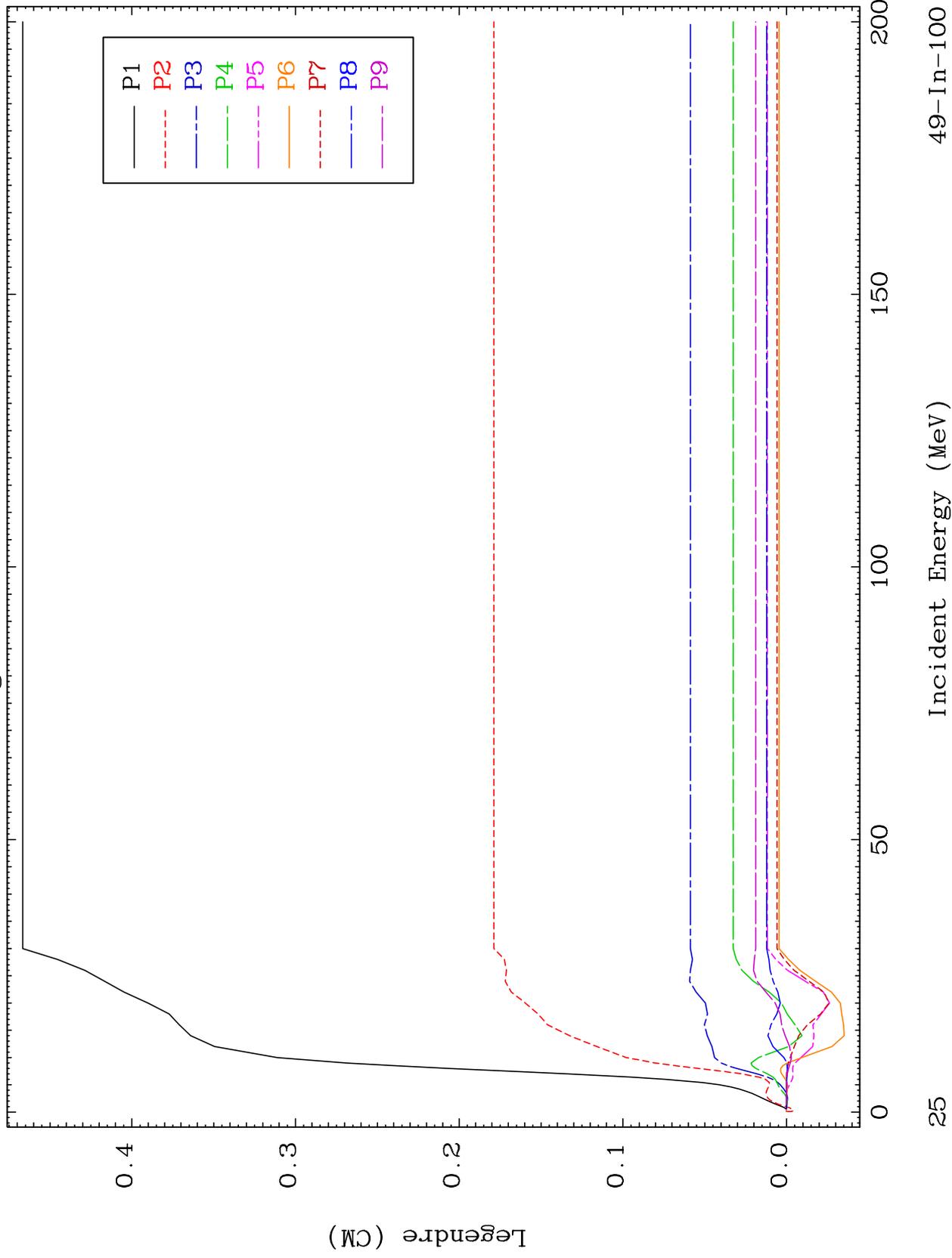




MAT 4886

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

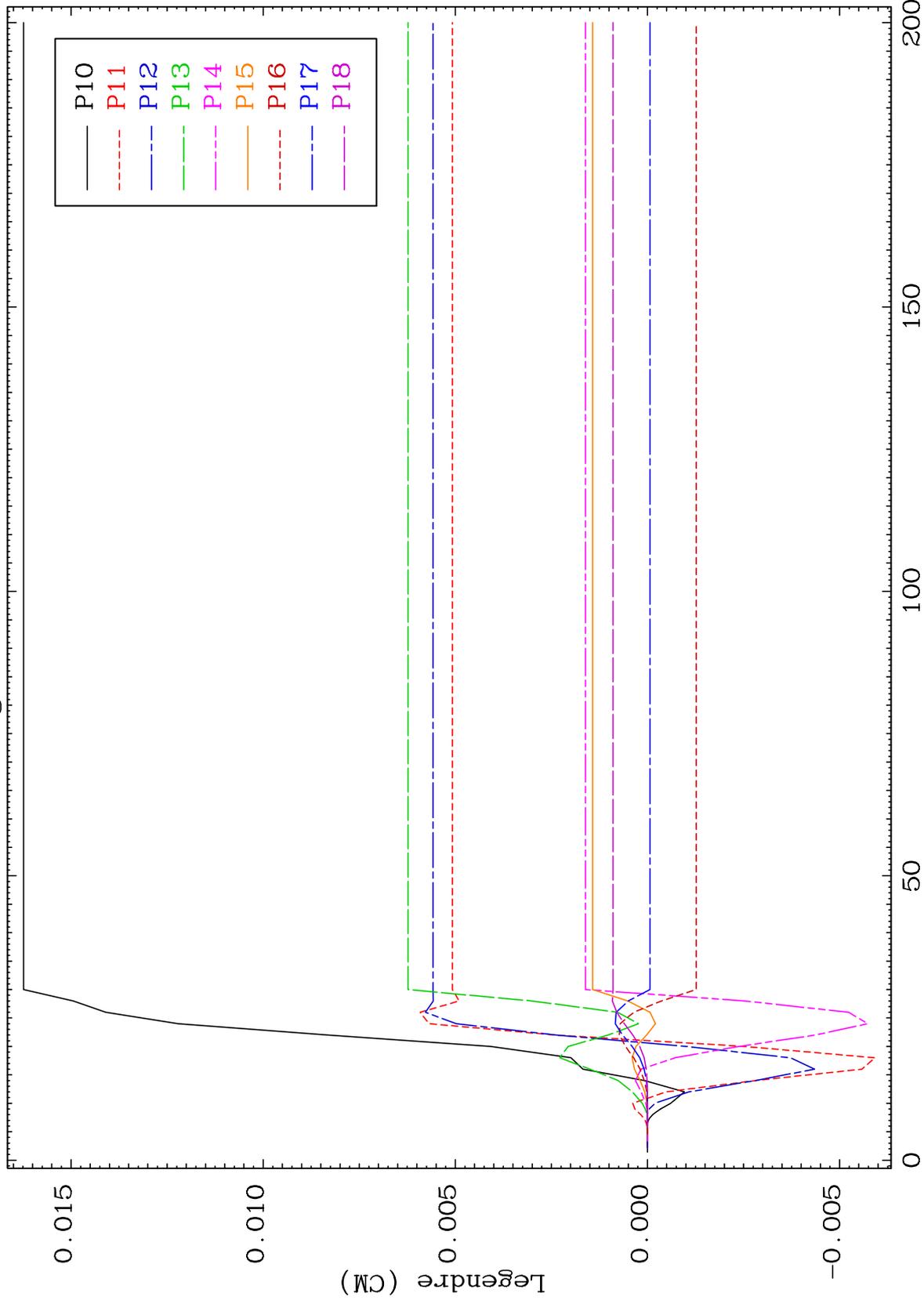
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MAT 4886

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

49-In-100



26

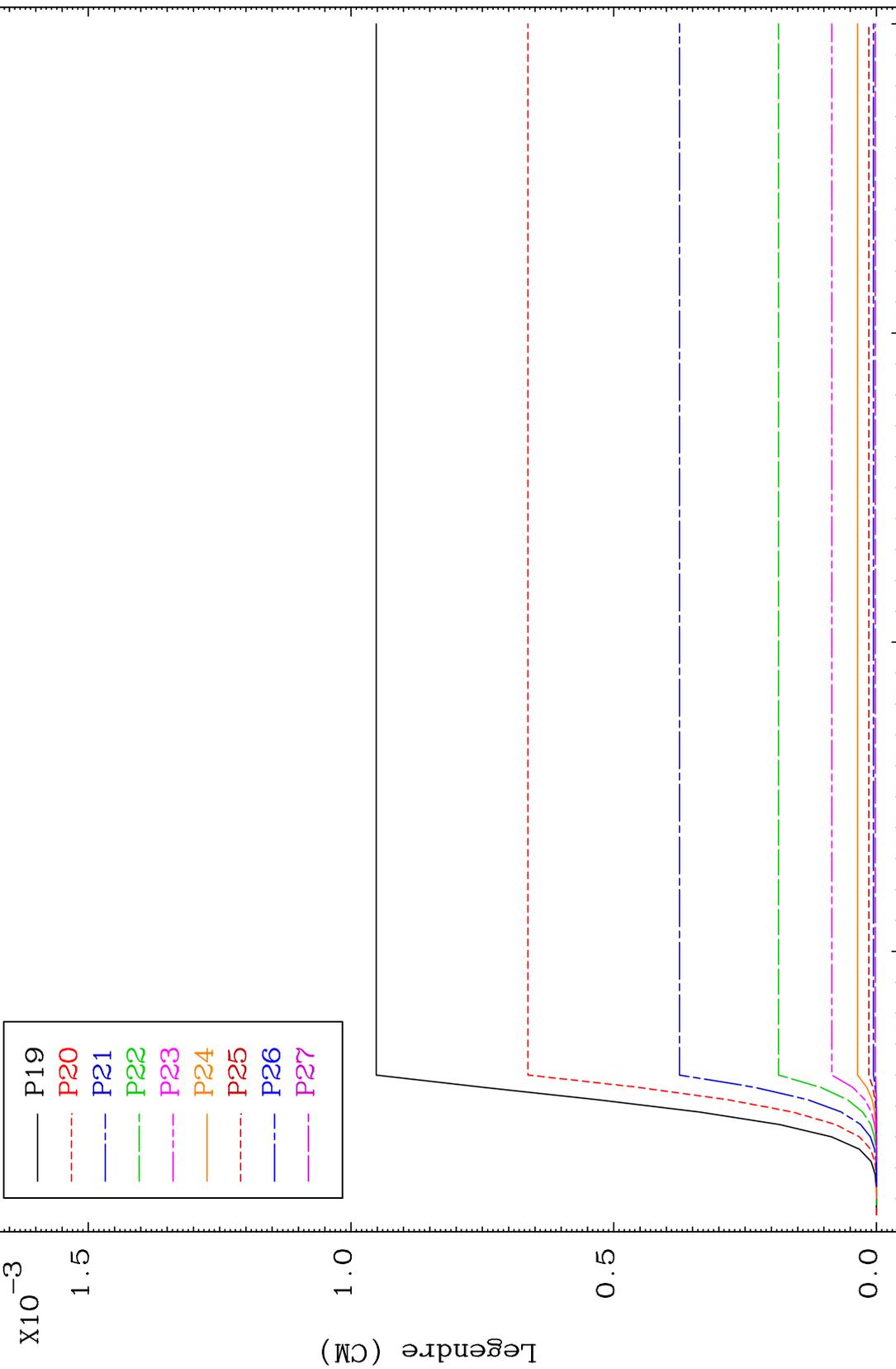
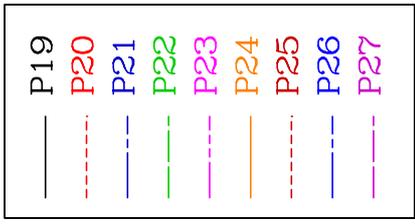
Incident Energy (MeV)

49-In-100

MAT 4886

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

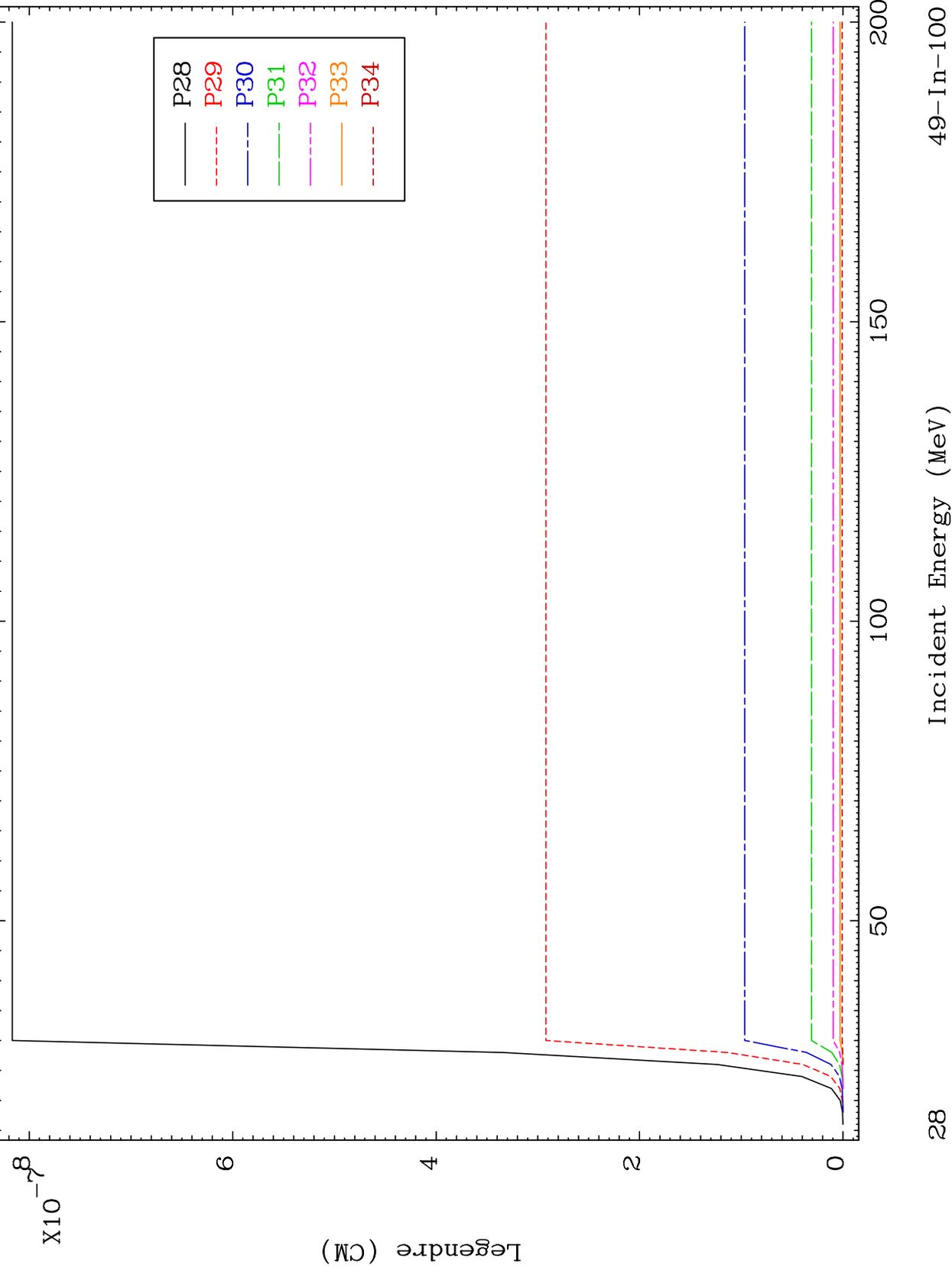
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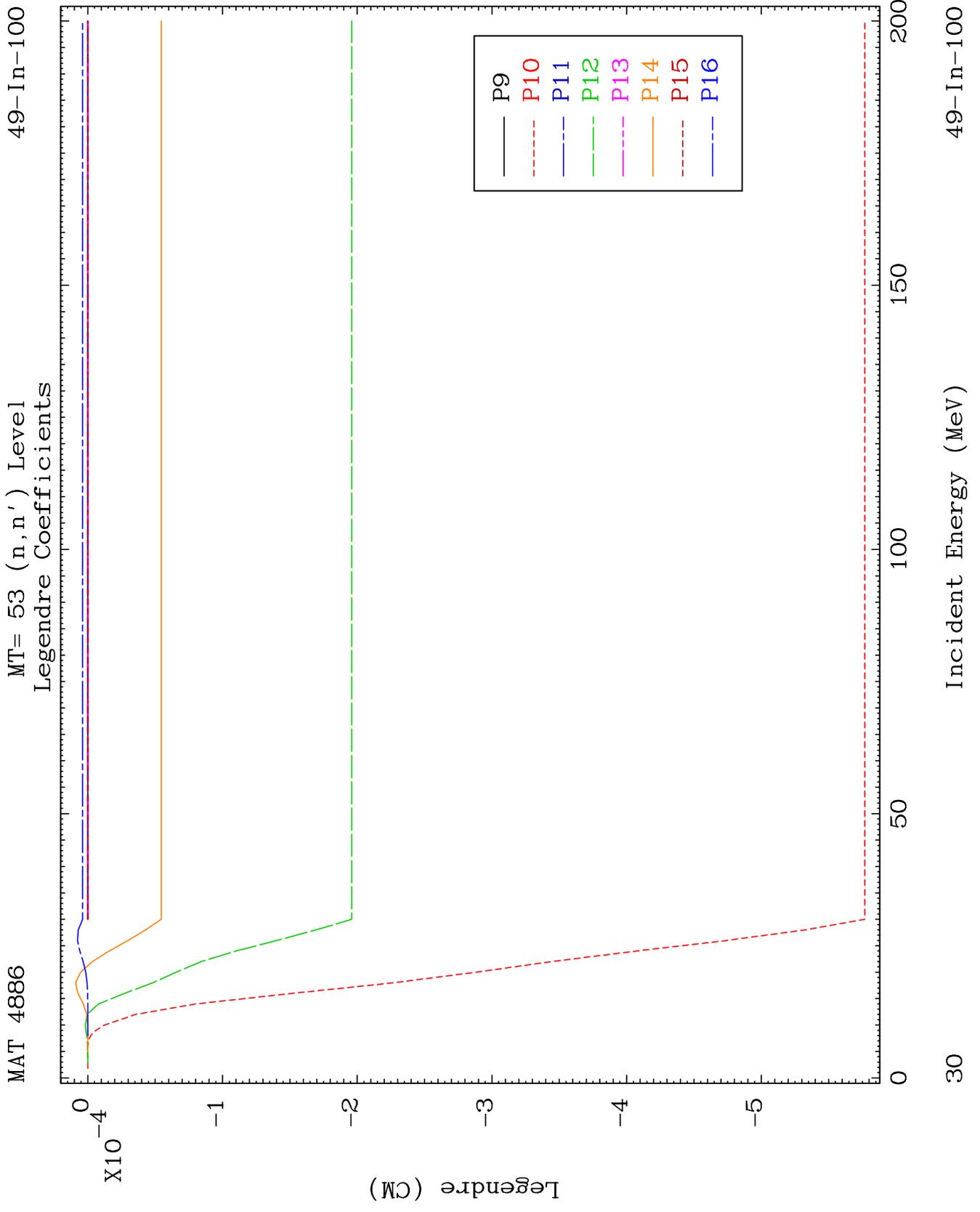
MAT 4886

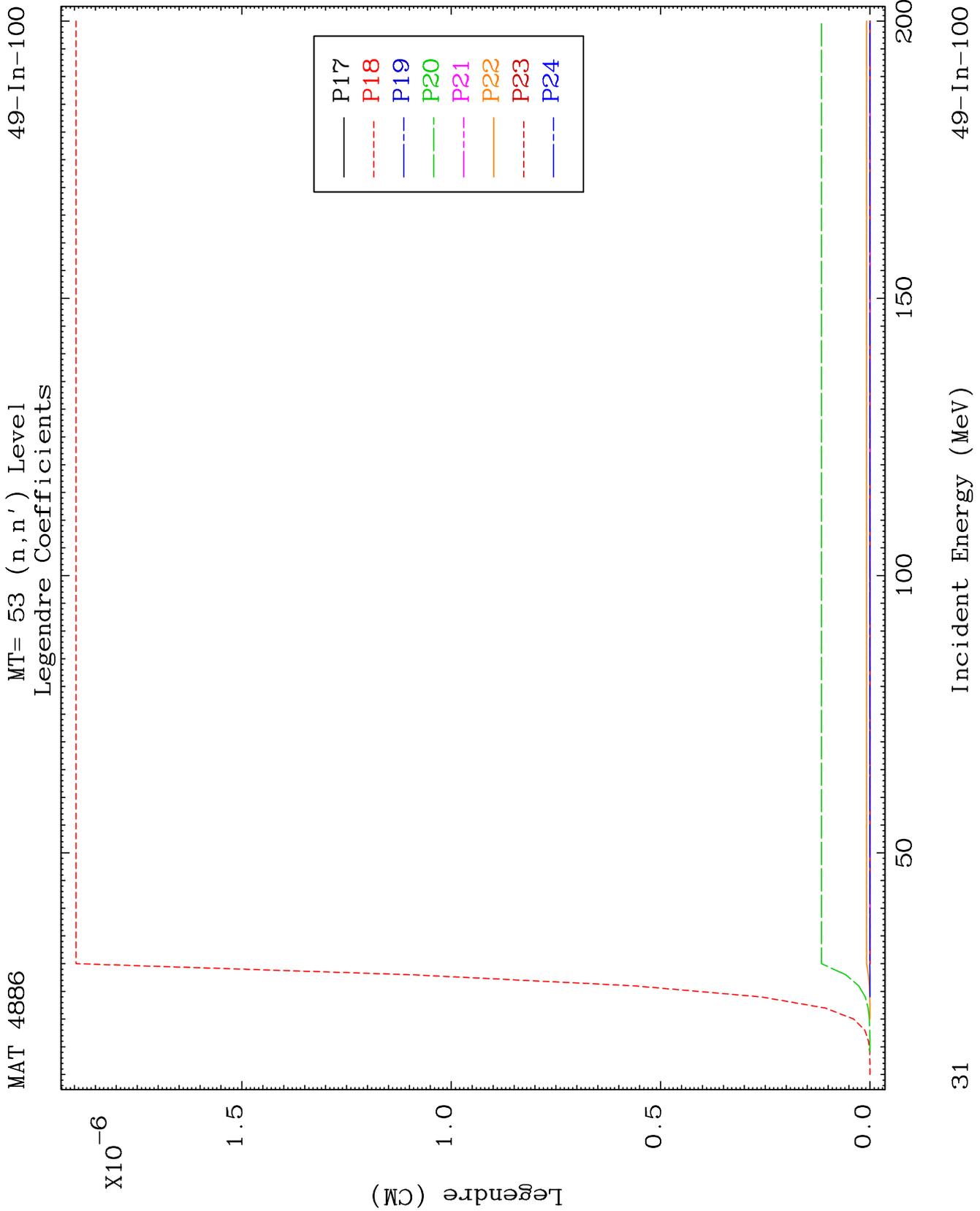
MT= 52 (n,n') Level  
Legendre Coefficients

49-In-100





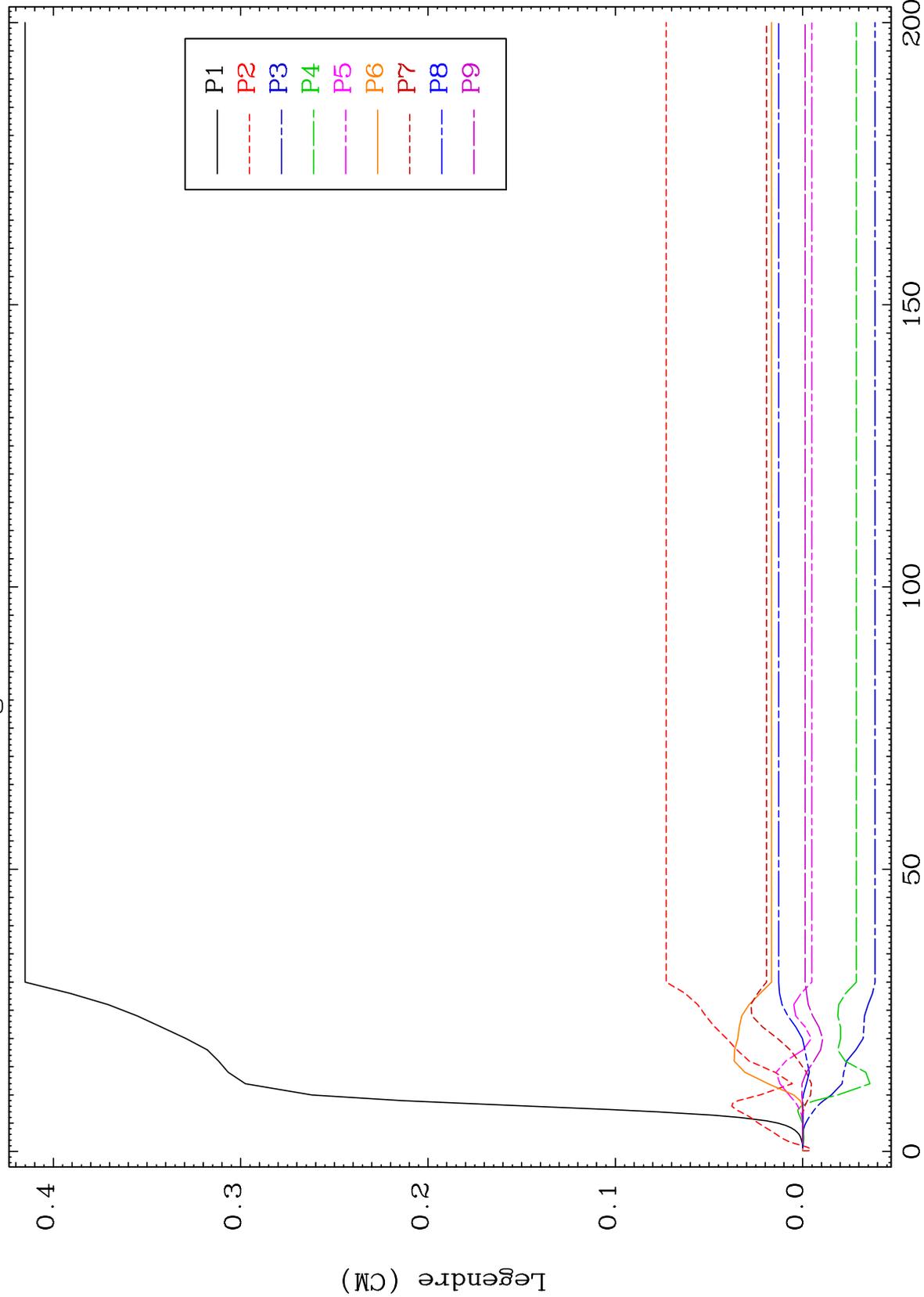




MAT 4886

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

49-In-100



32

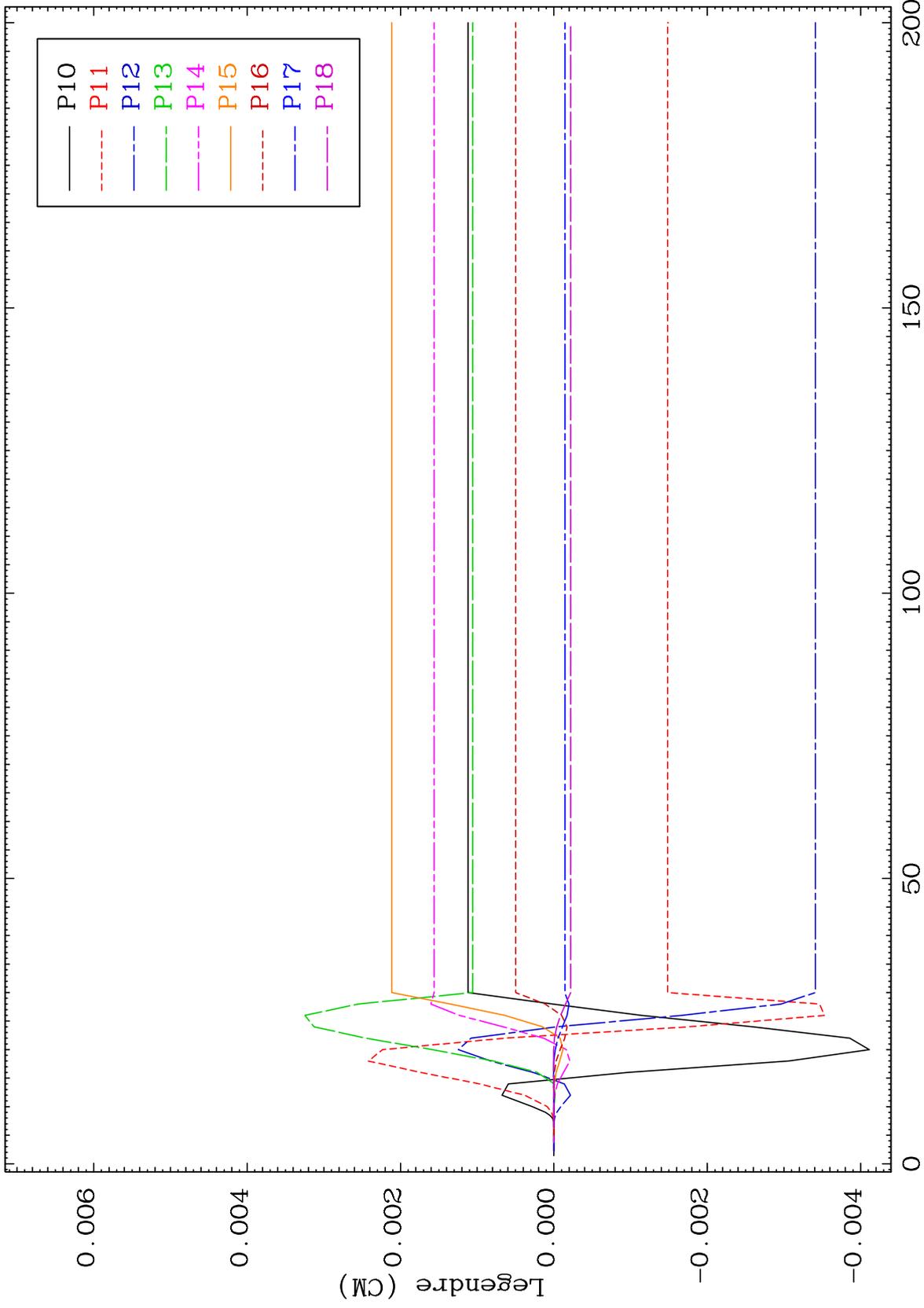
Incident Energy (MeV)

49-In-100

MAT 4886

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

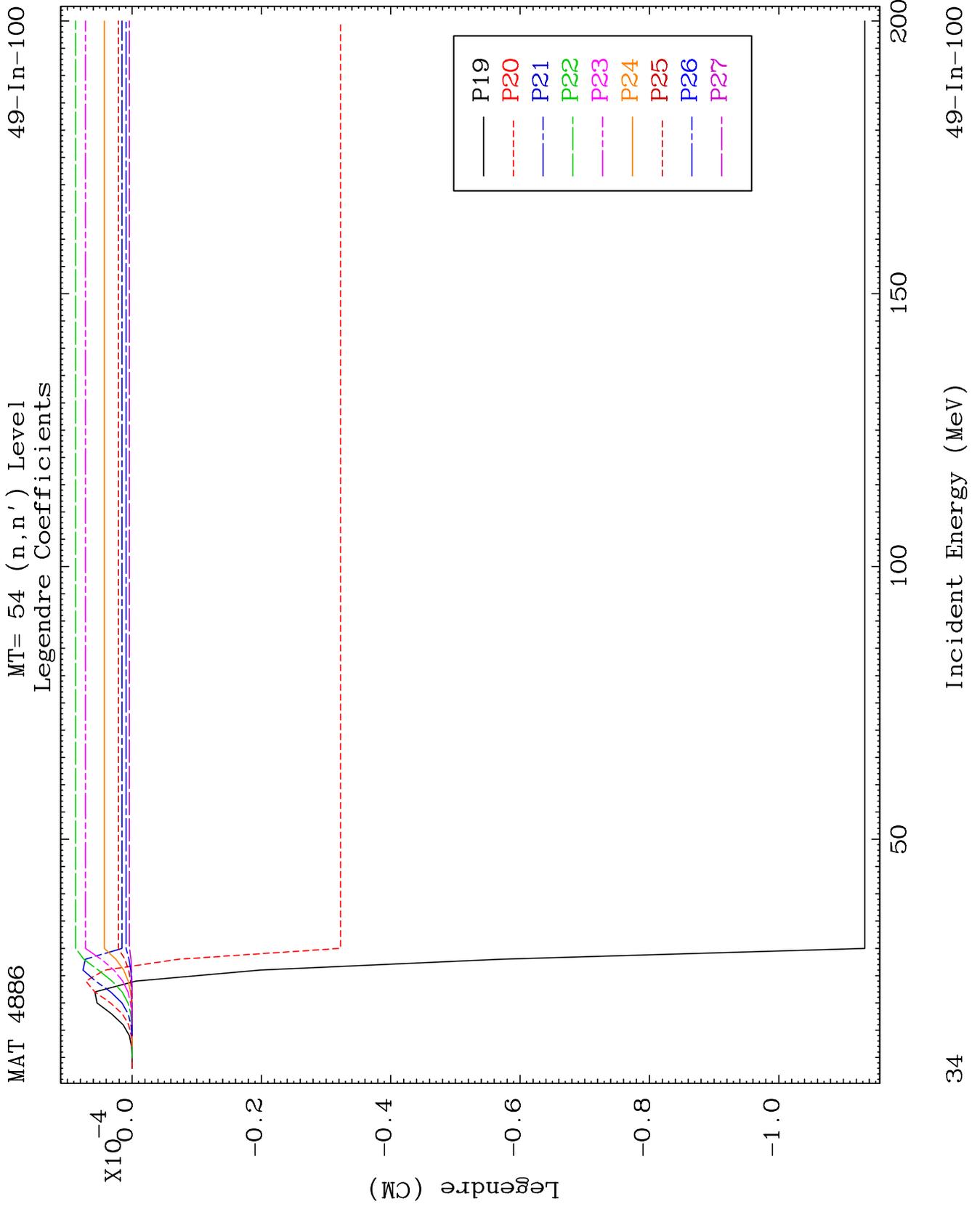
49-In-100



33

Incident Energy (MeV)

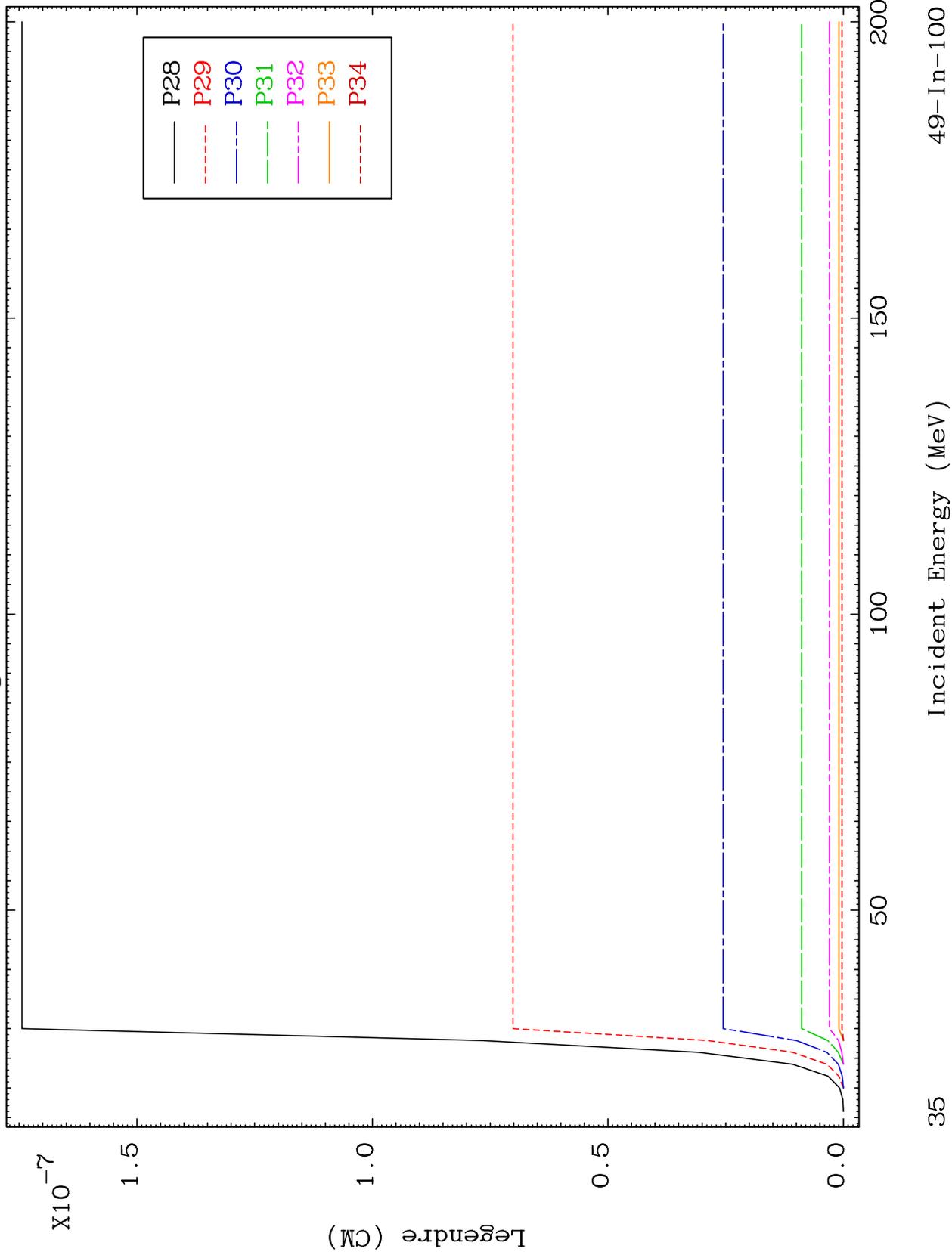
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MAT 4886

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

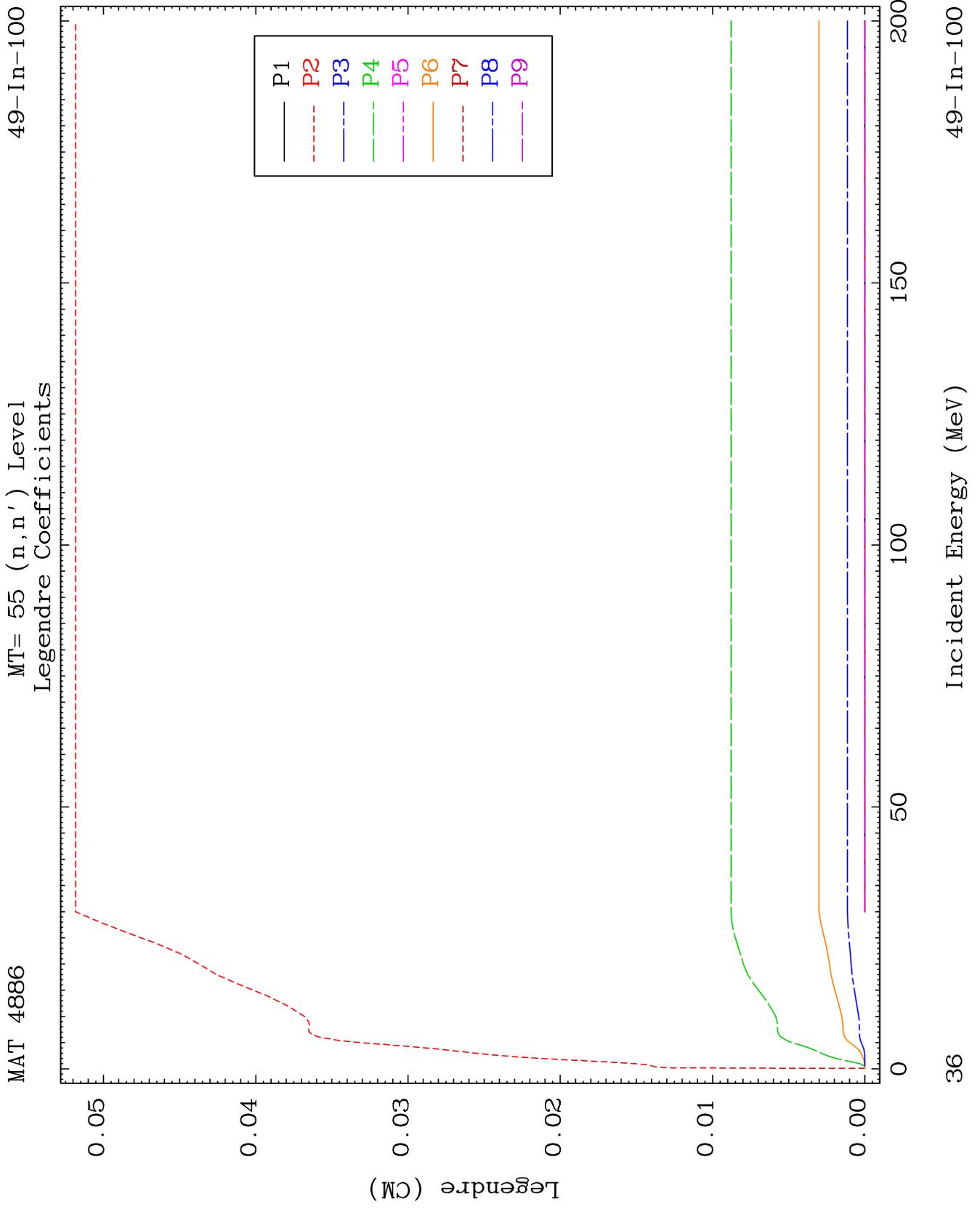
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35

Incident Energy (MeV)

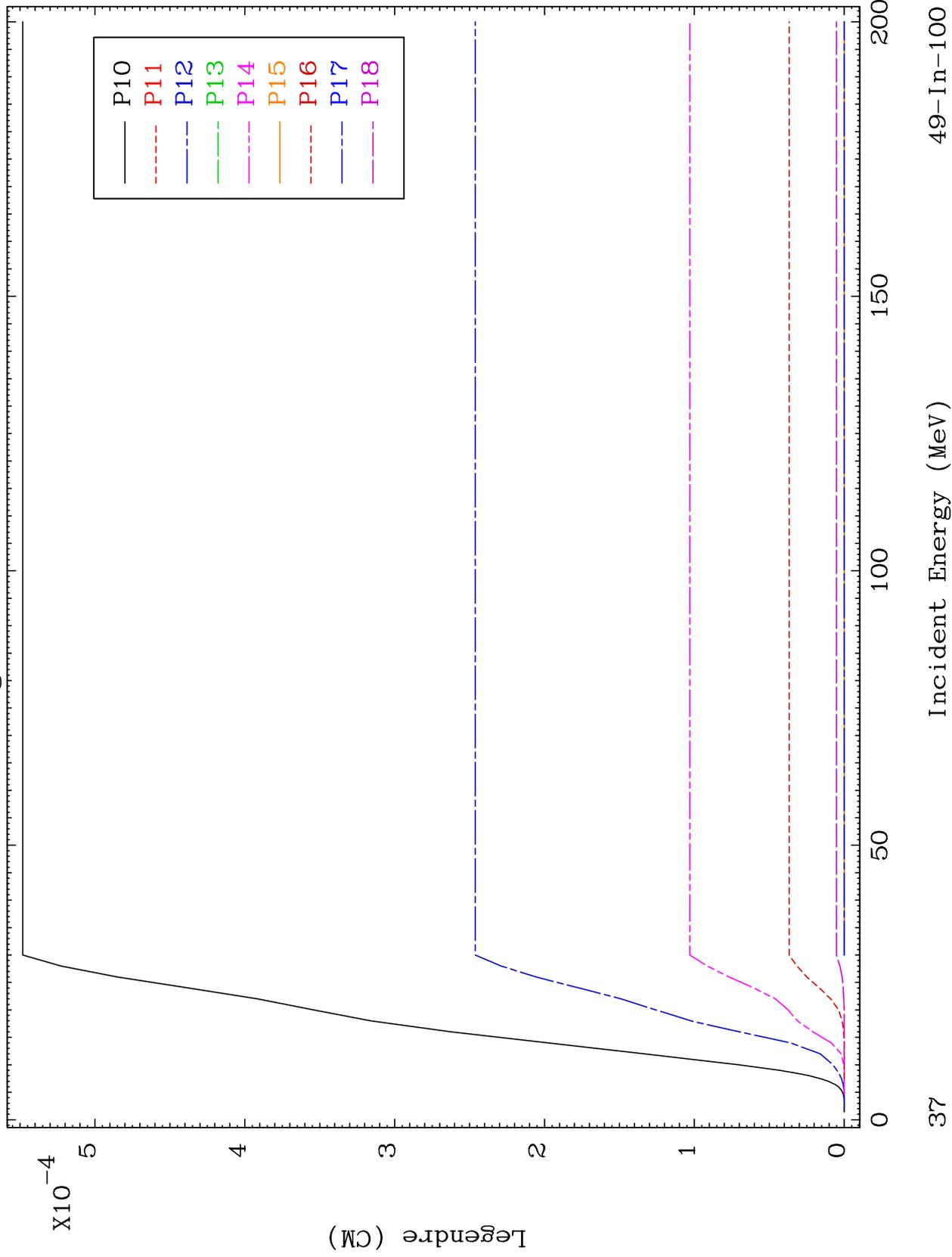
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Legendre Coefficients

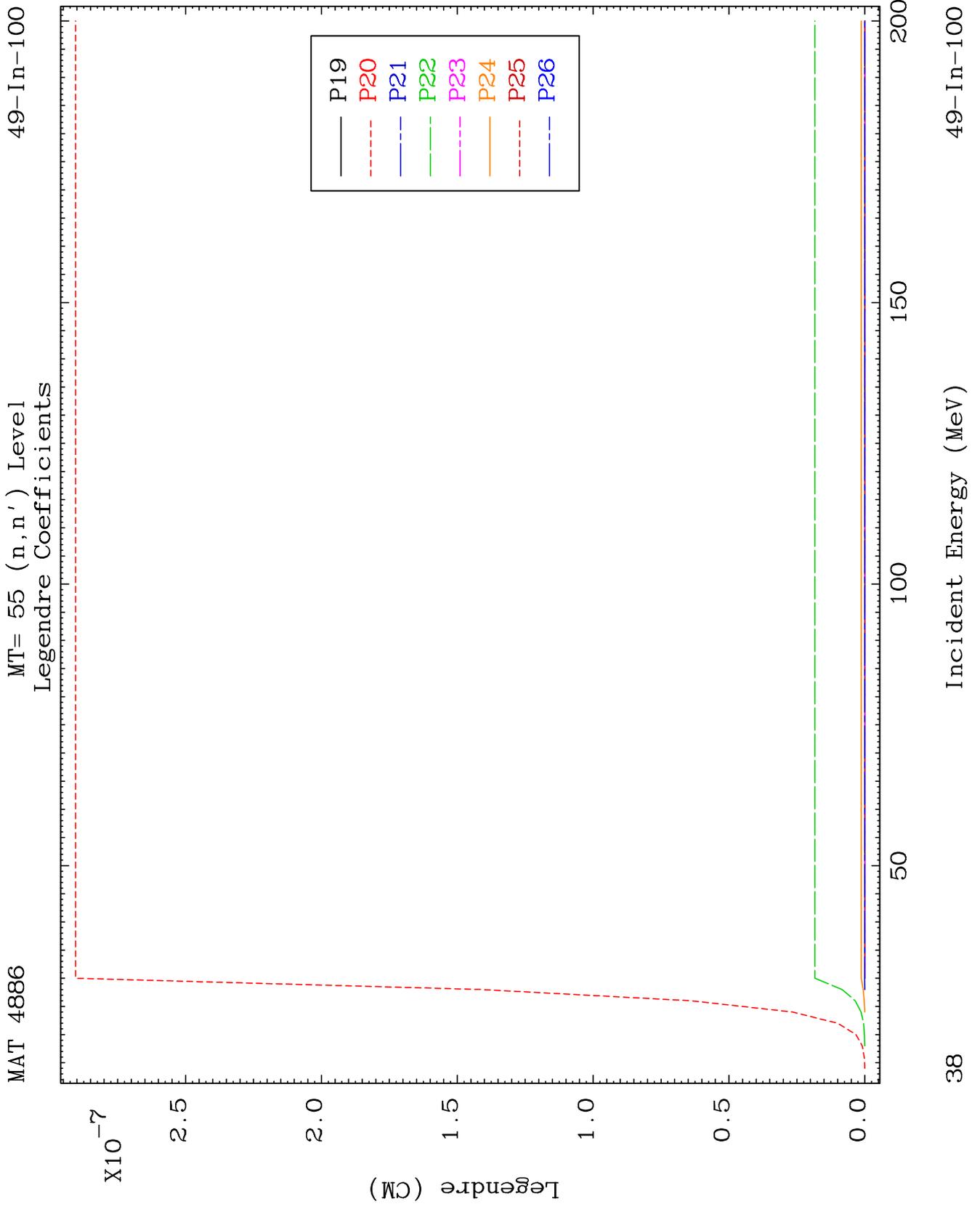
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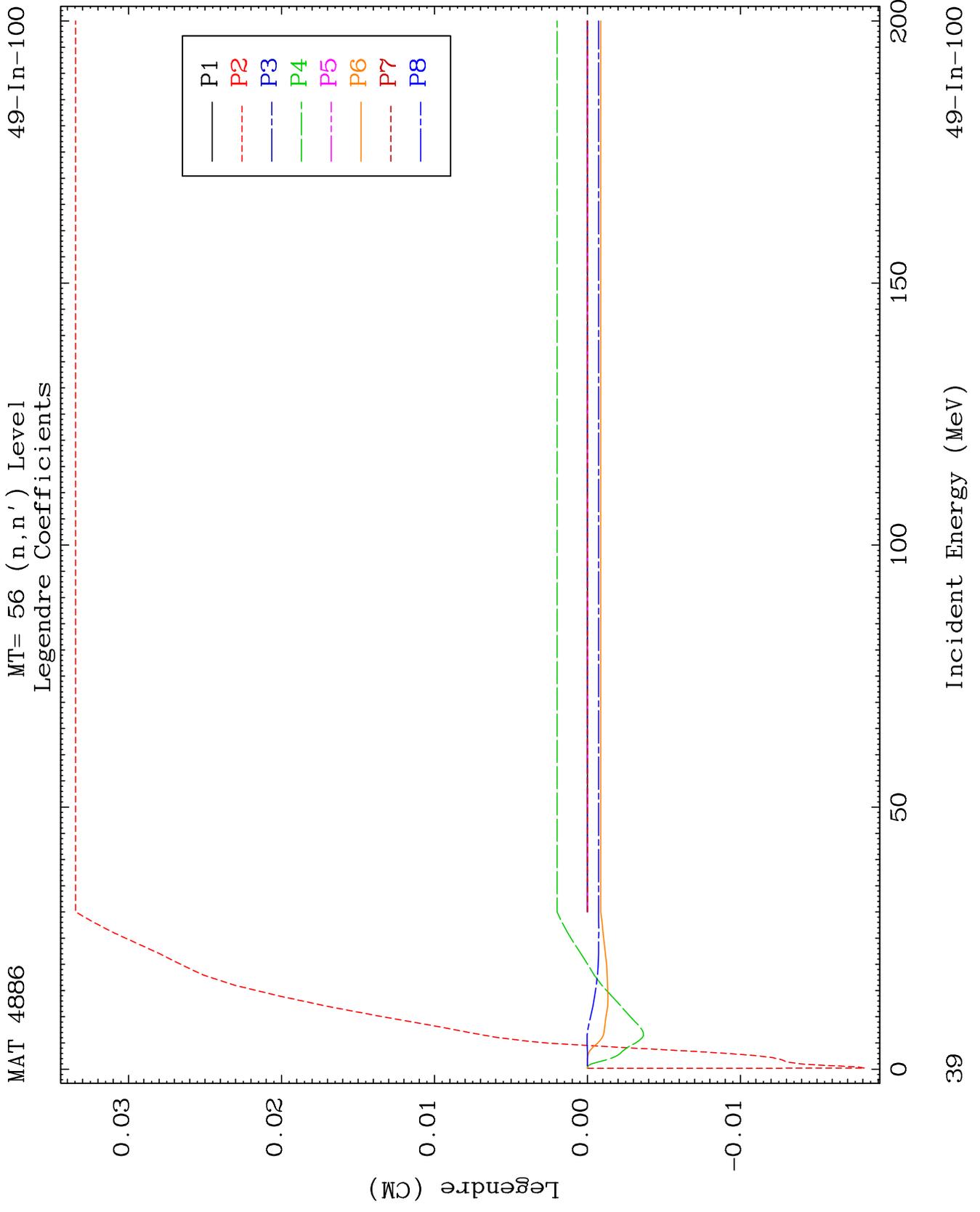


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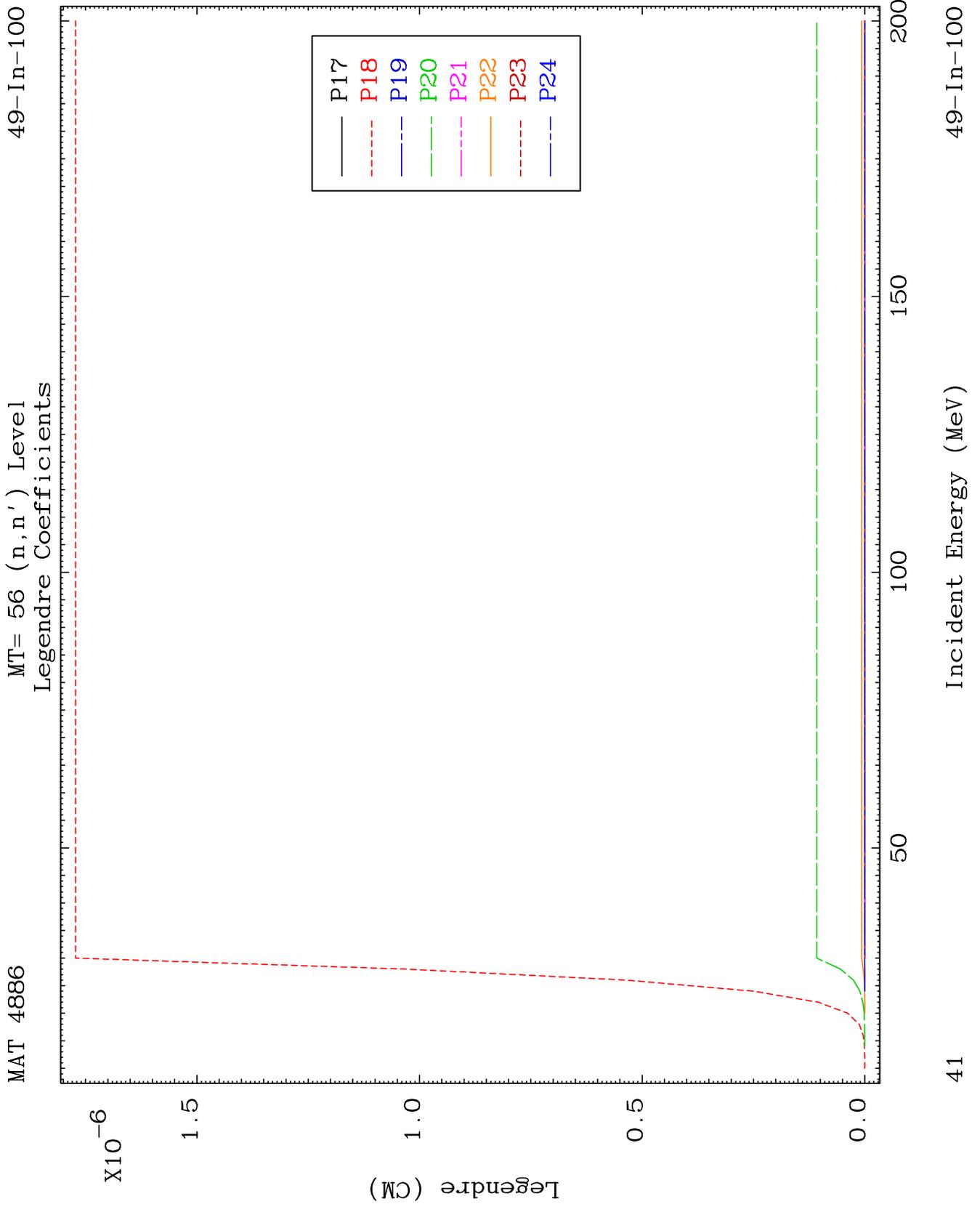
Incident Energy (MeV)

49-In-100





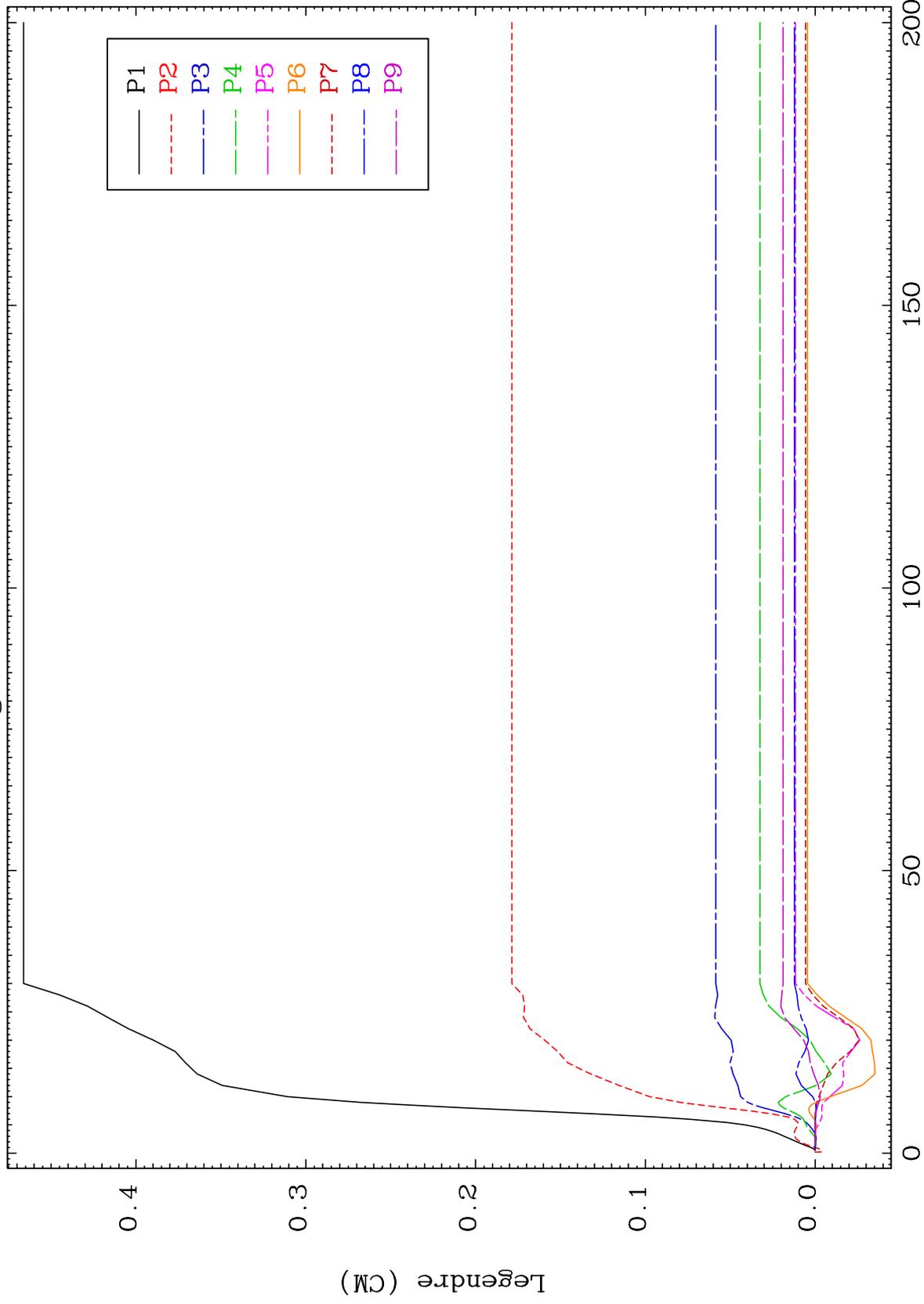




MAT 4886

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

49-In-100



42

Incident Energy (MeV)

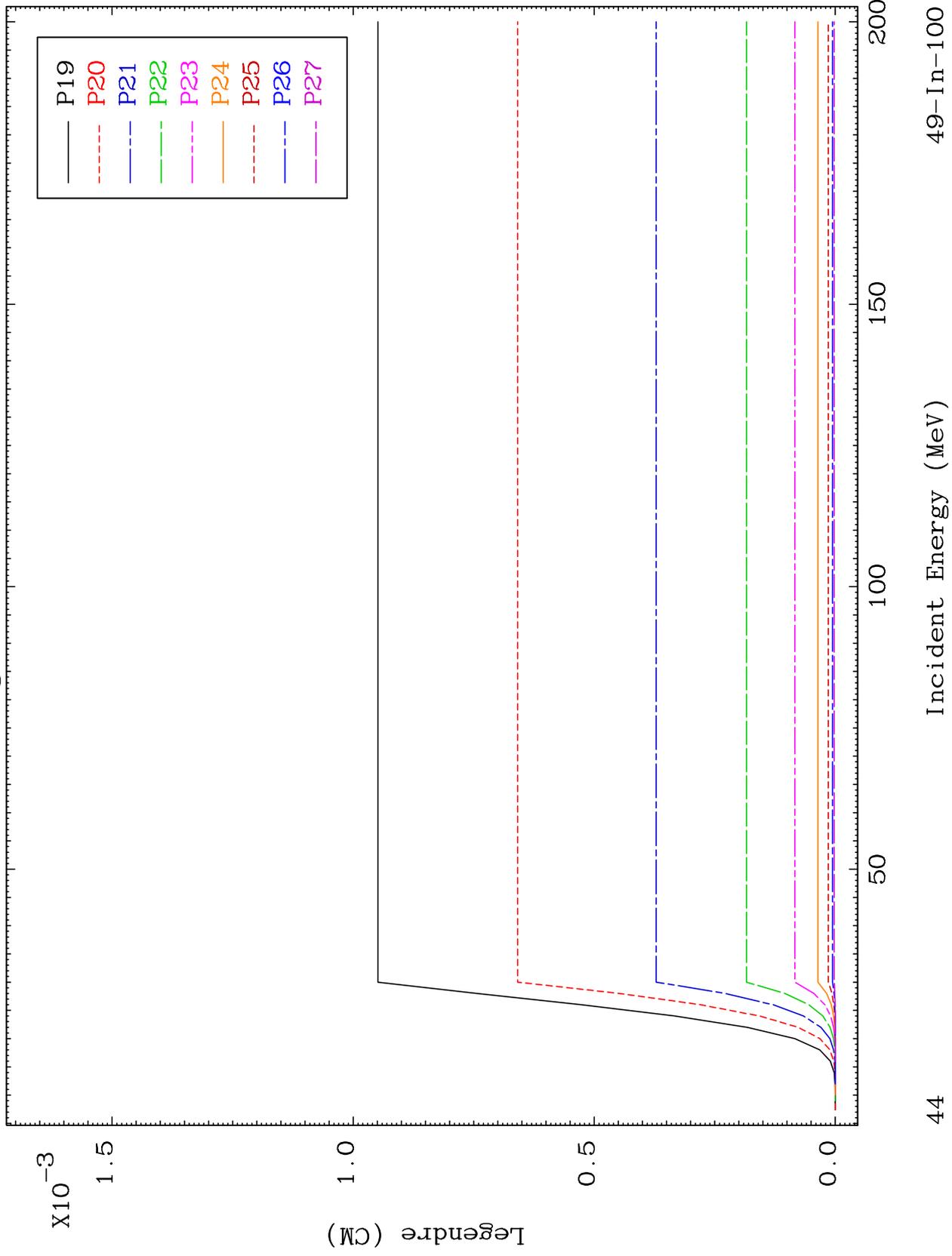
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MAT 4886

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

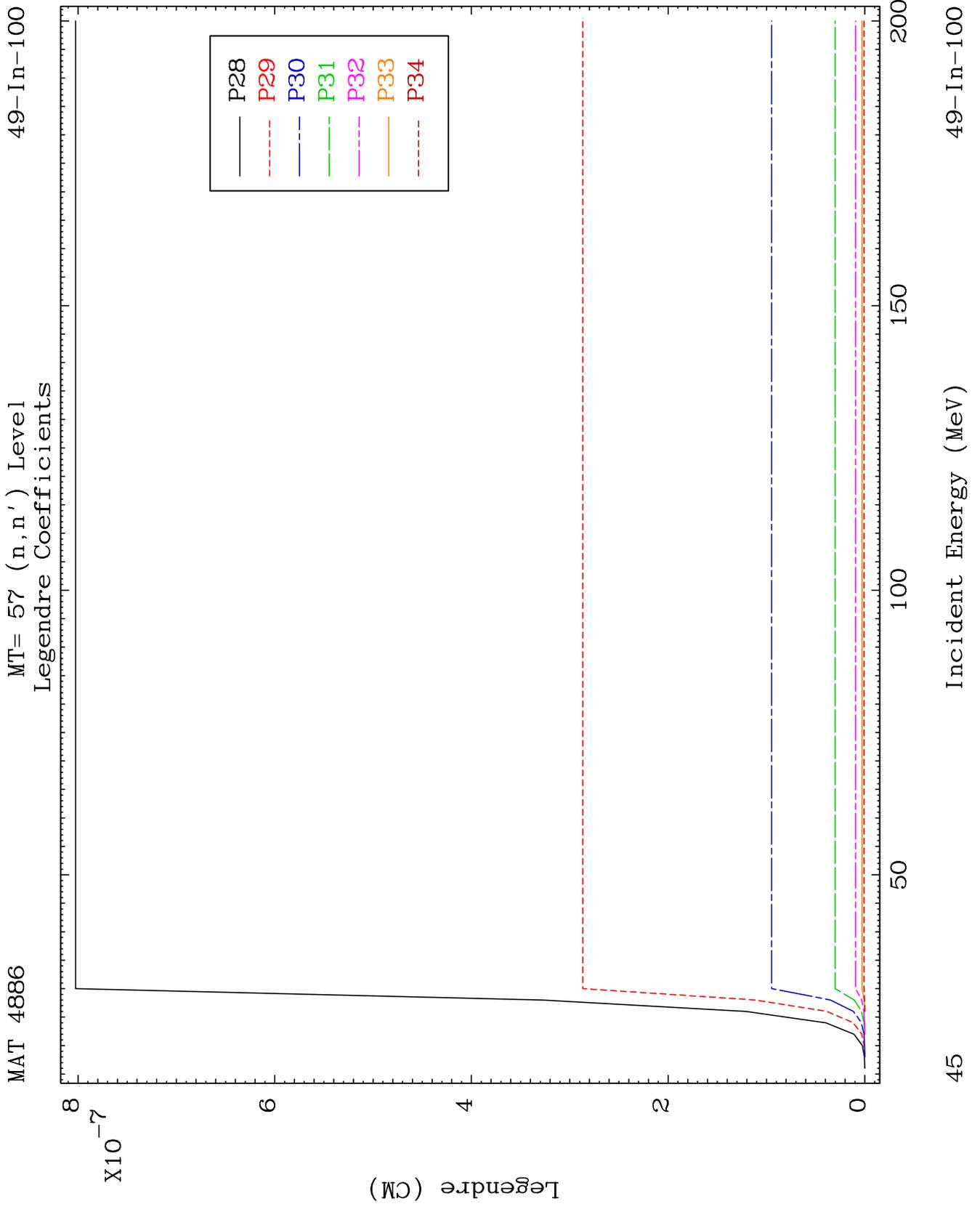
49-In-100



44

Incident Energy (MeV)

49-In-100

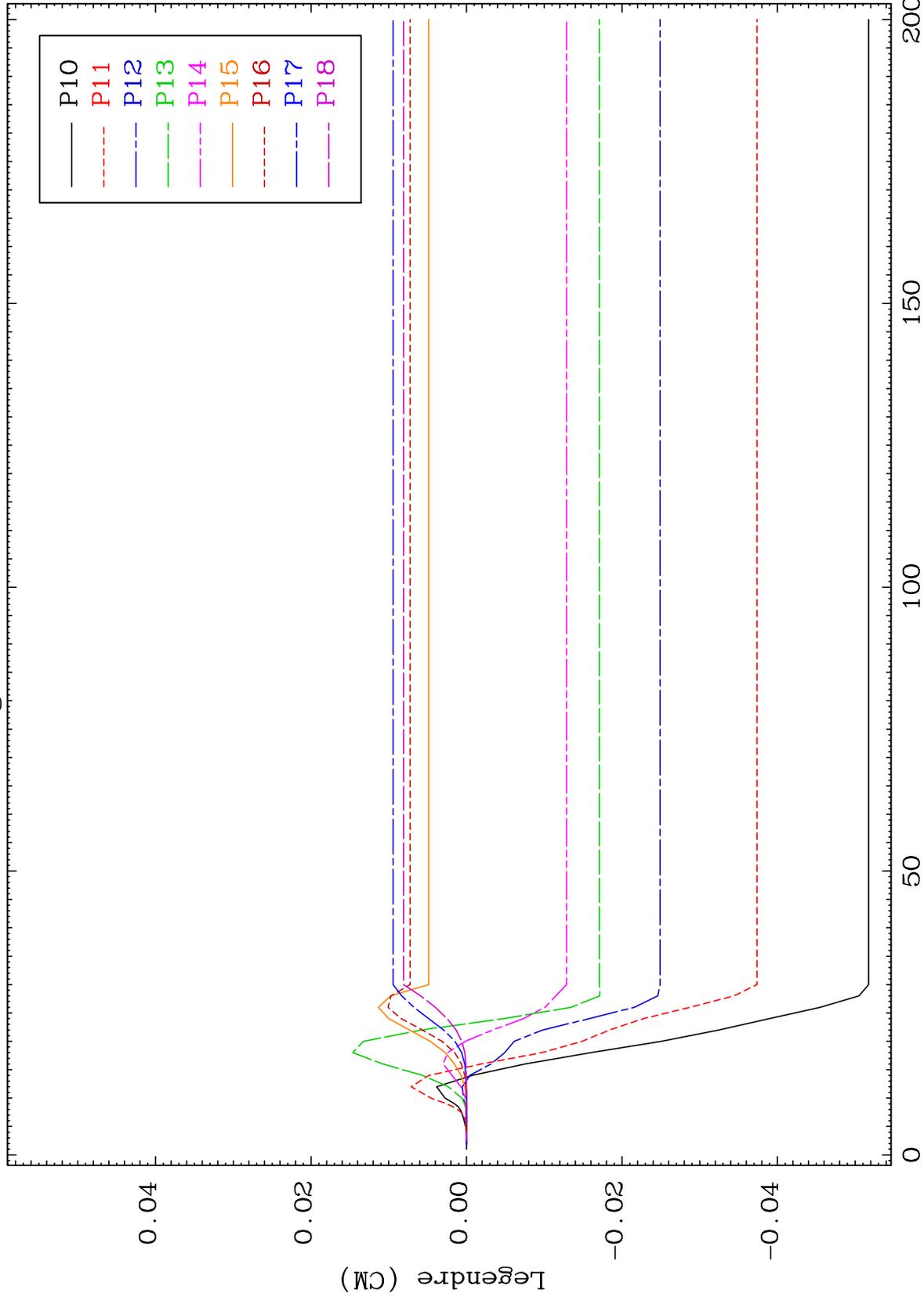




MAT 4886

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

49-In-100



47

Incident Energy (MeV)

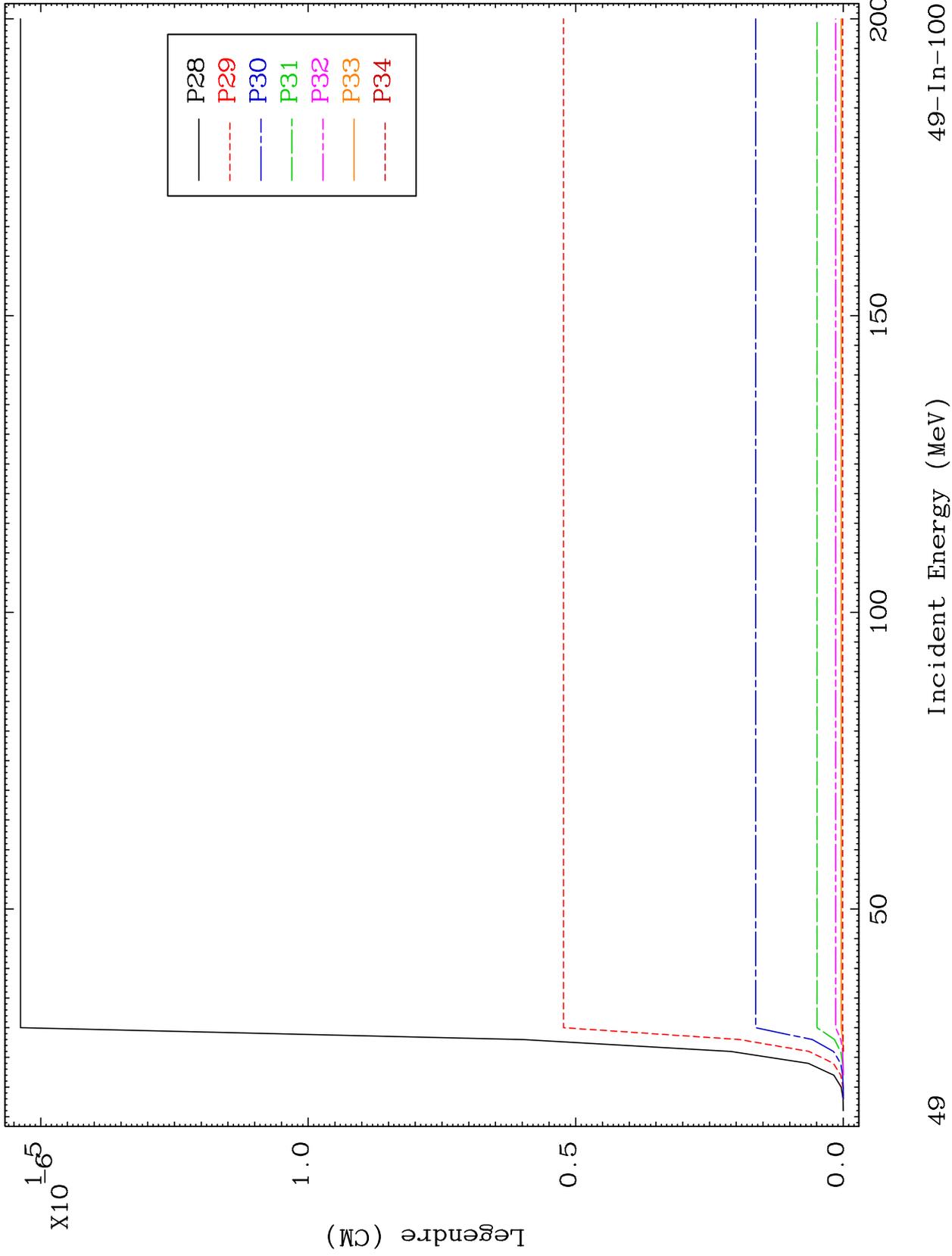
49-In-100



MAT 4886

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

49-In-100



49

Incident Energy (MeV)

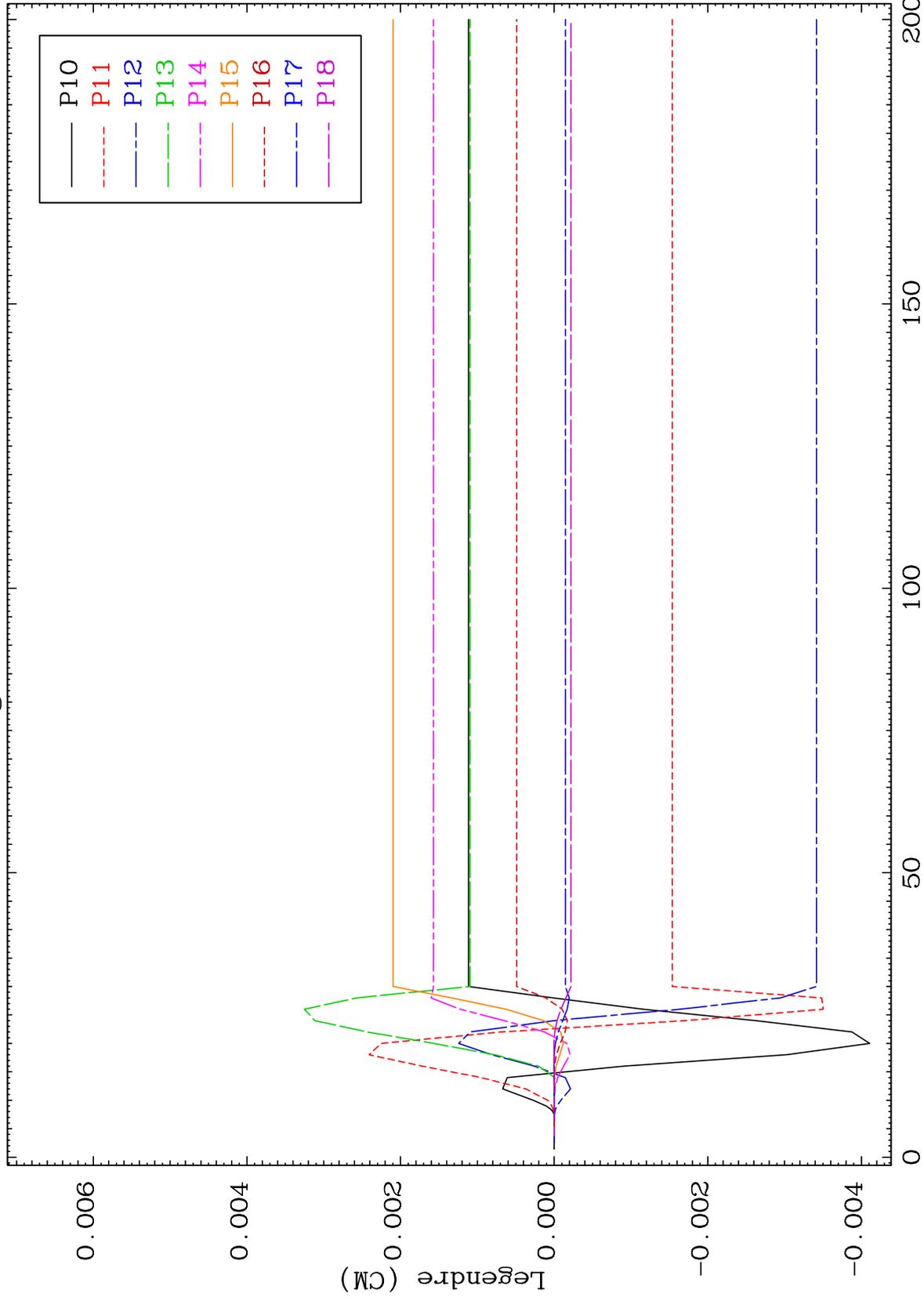
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MAT 4886

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

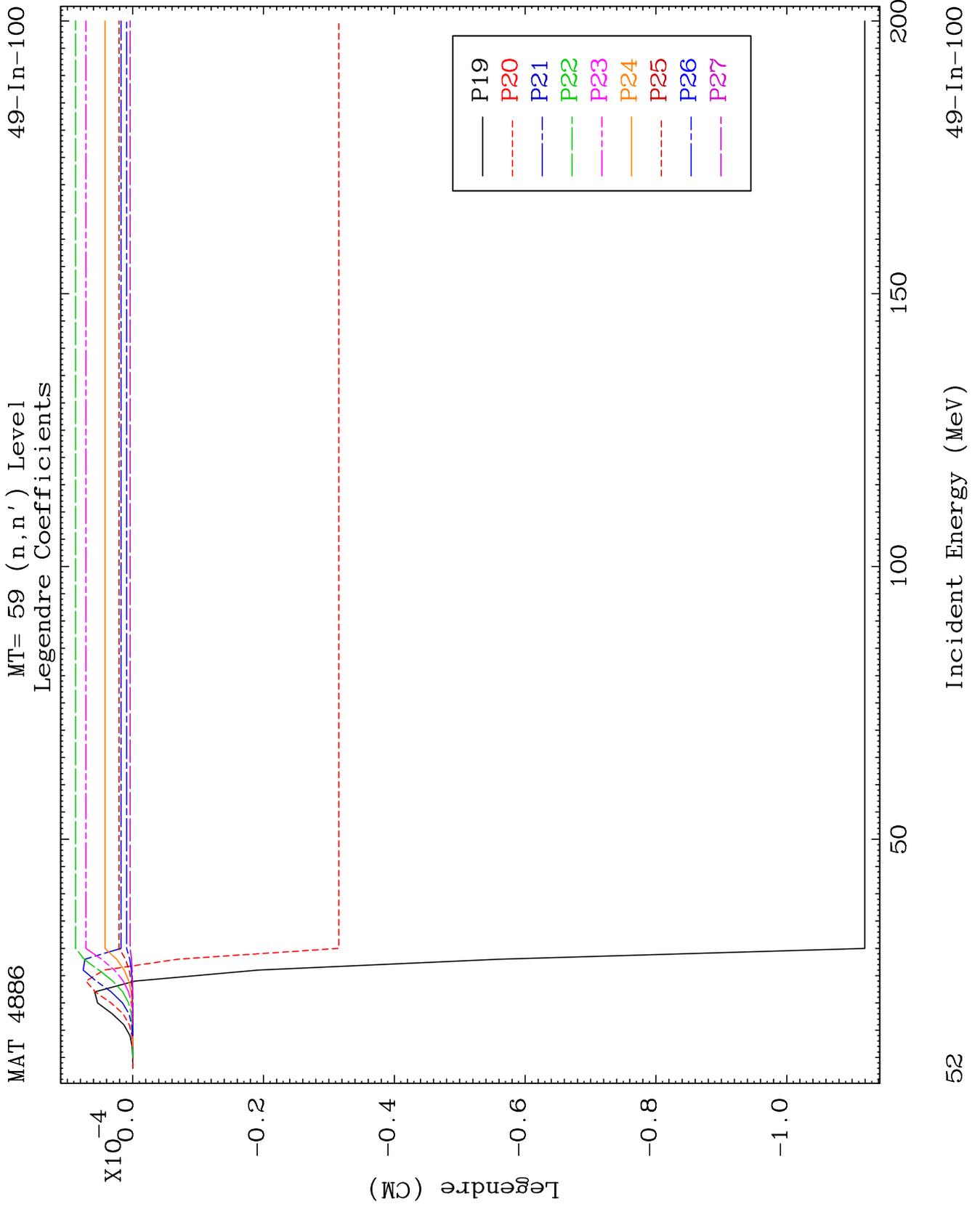
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51

Incident Energy (MeV)

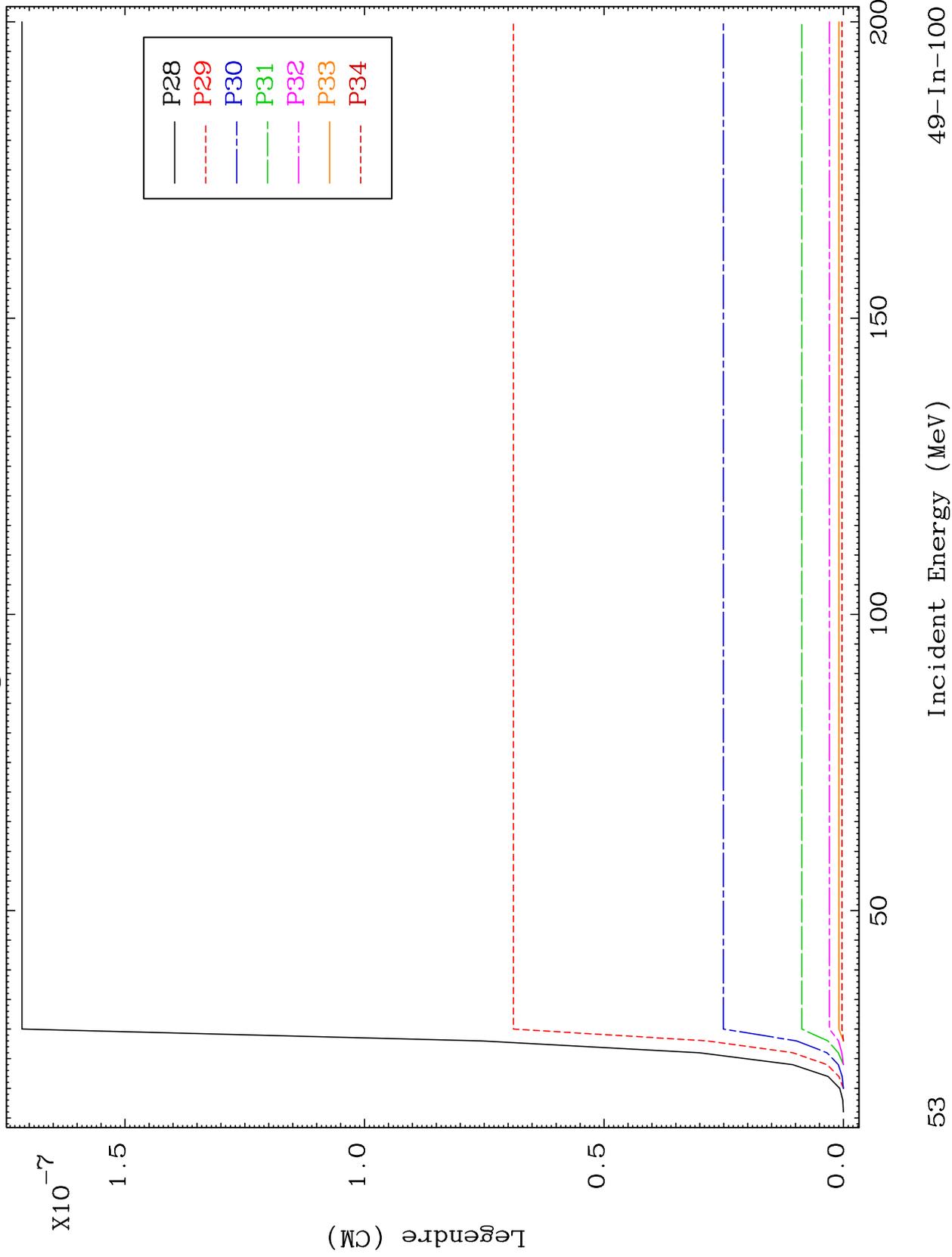
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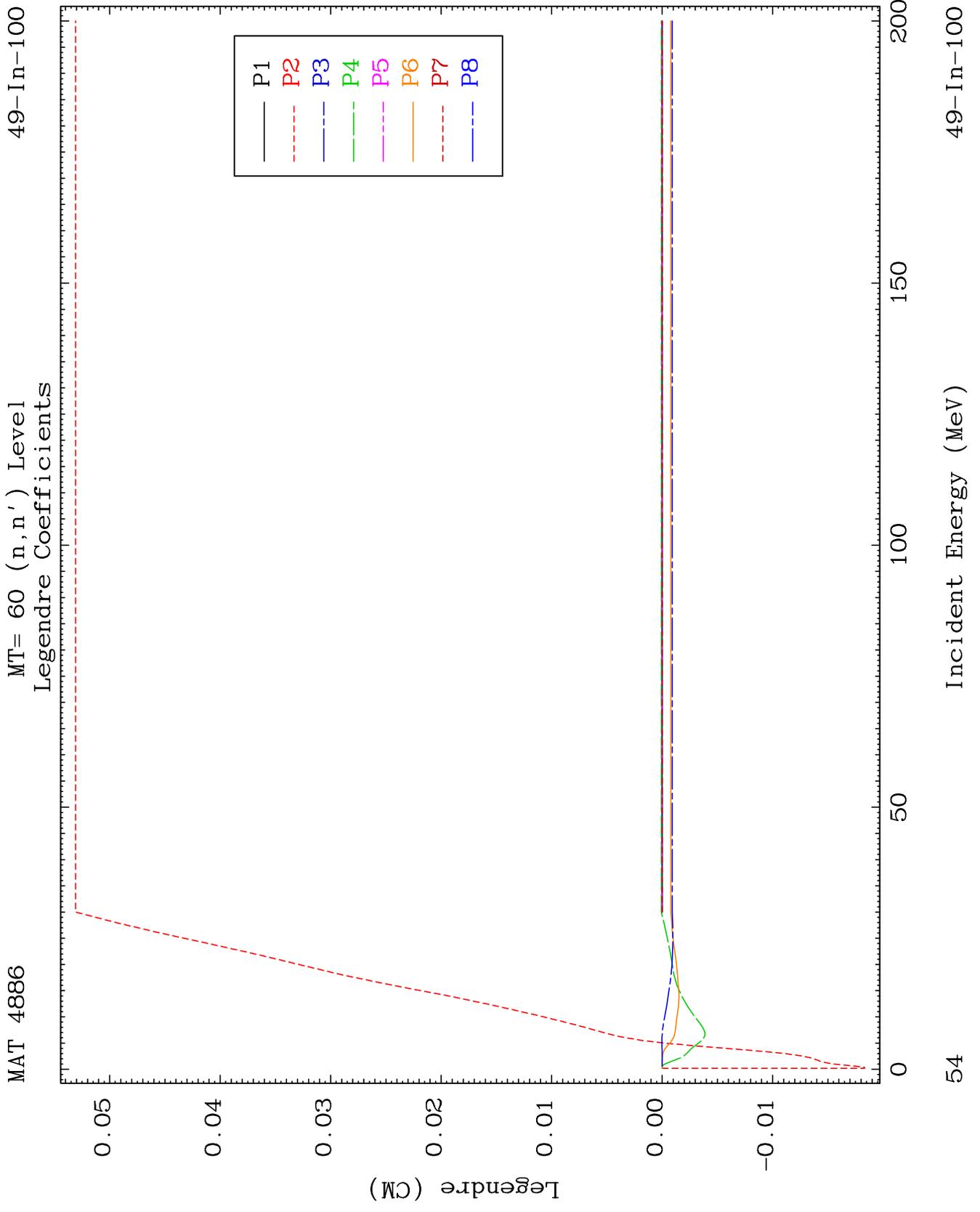


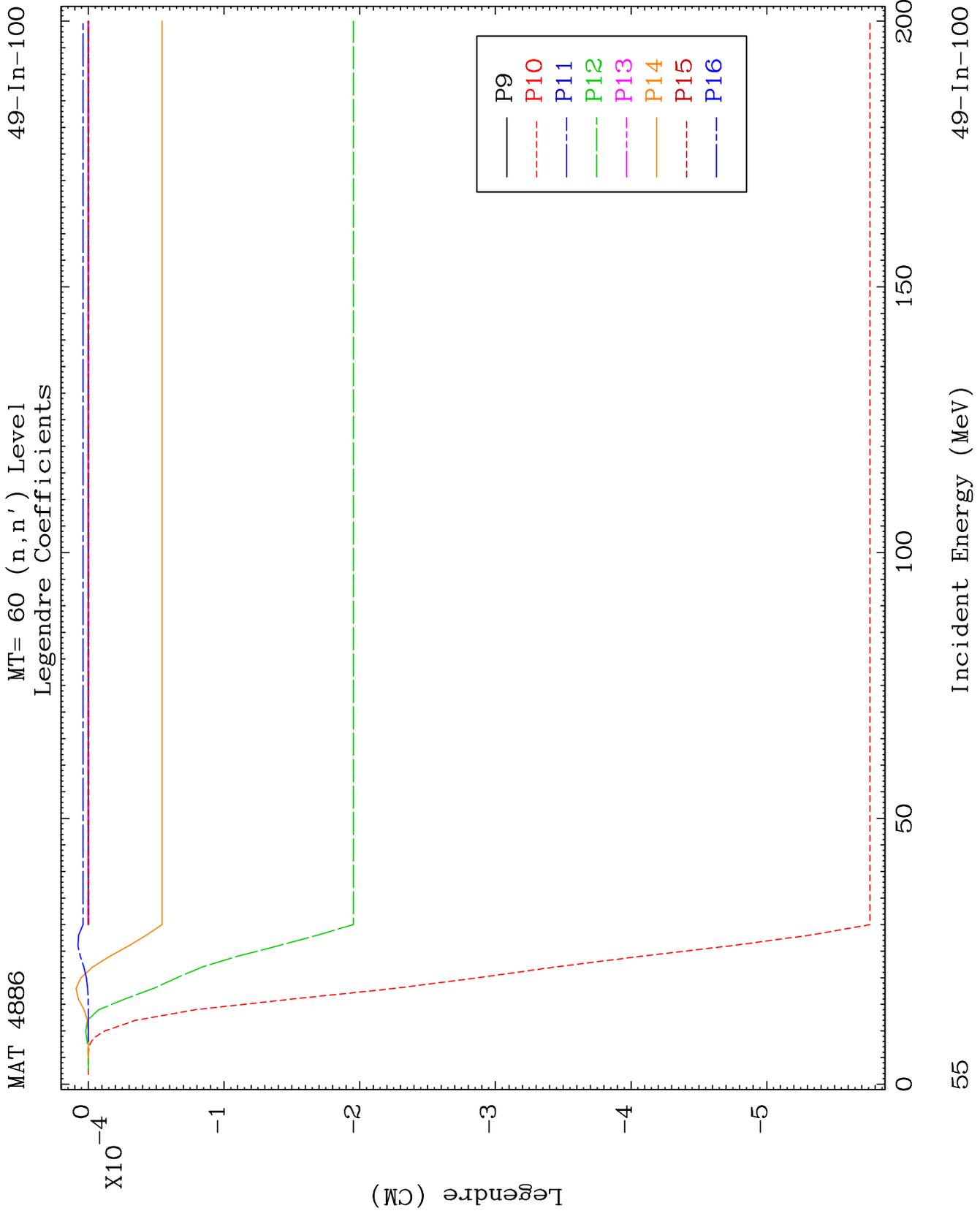
MAT 4886

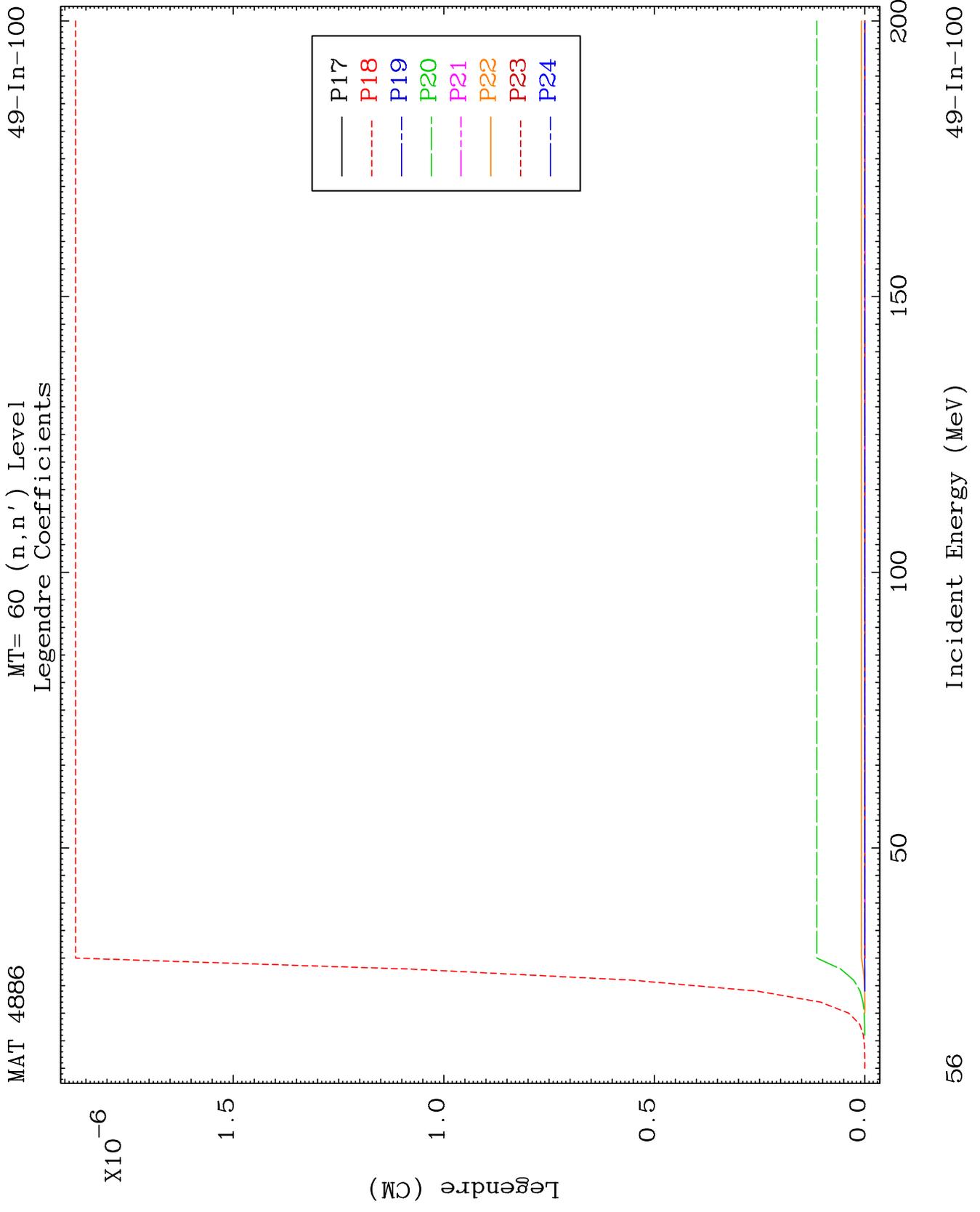
MT= 59 (n,n') Level  
Legendre Coefficients

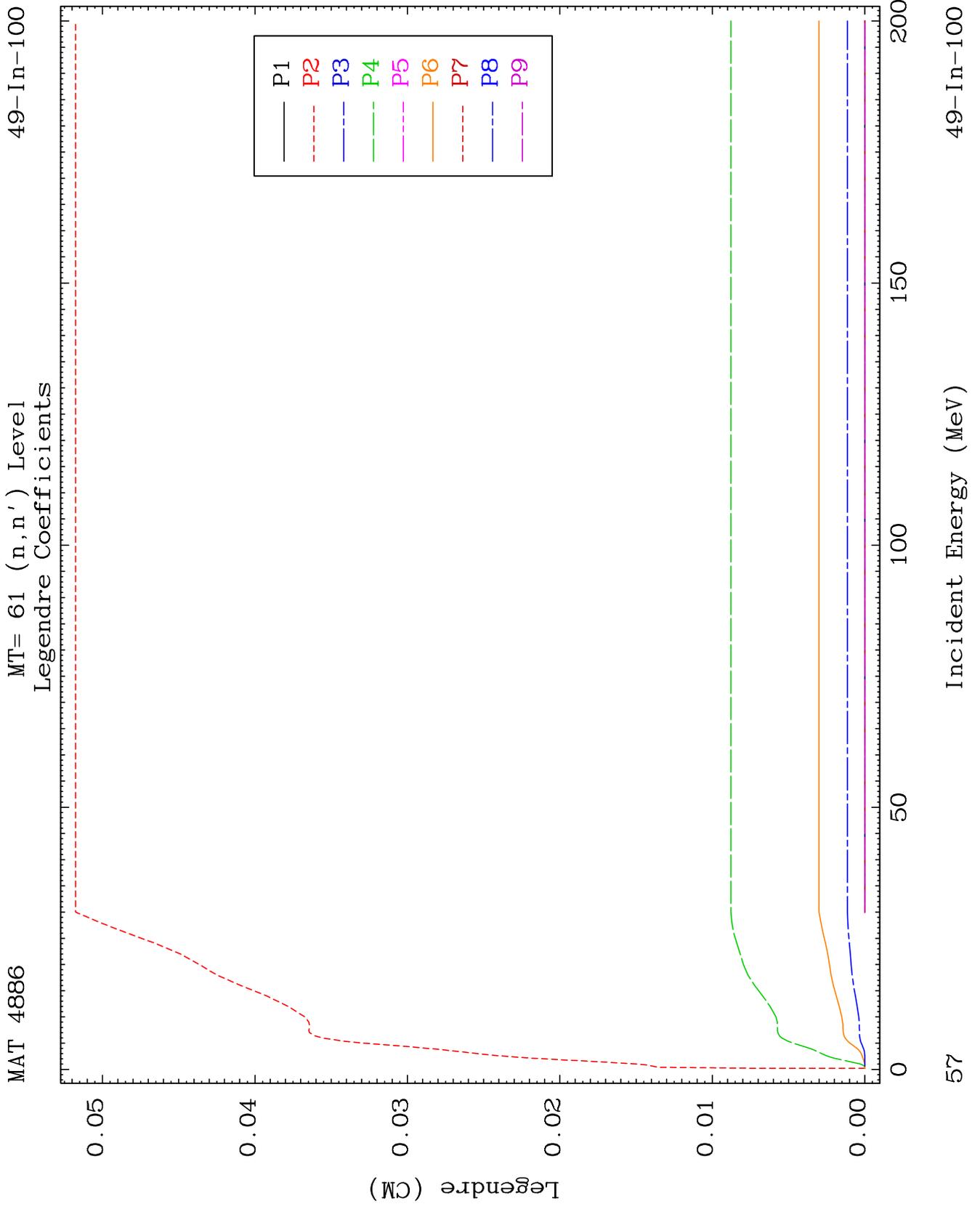
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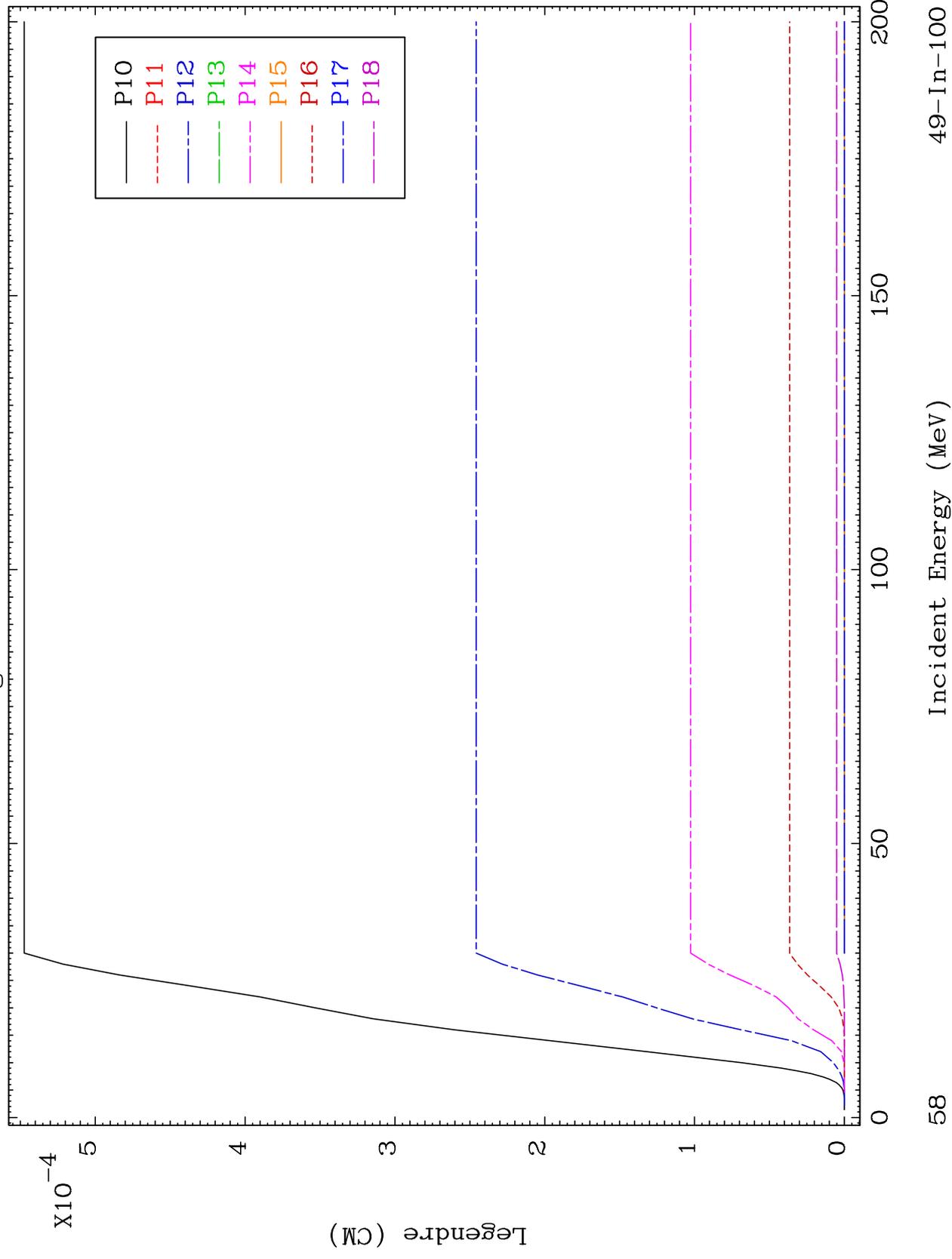




MAT 4886

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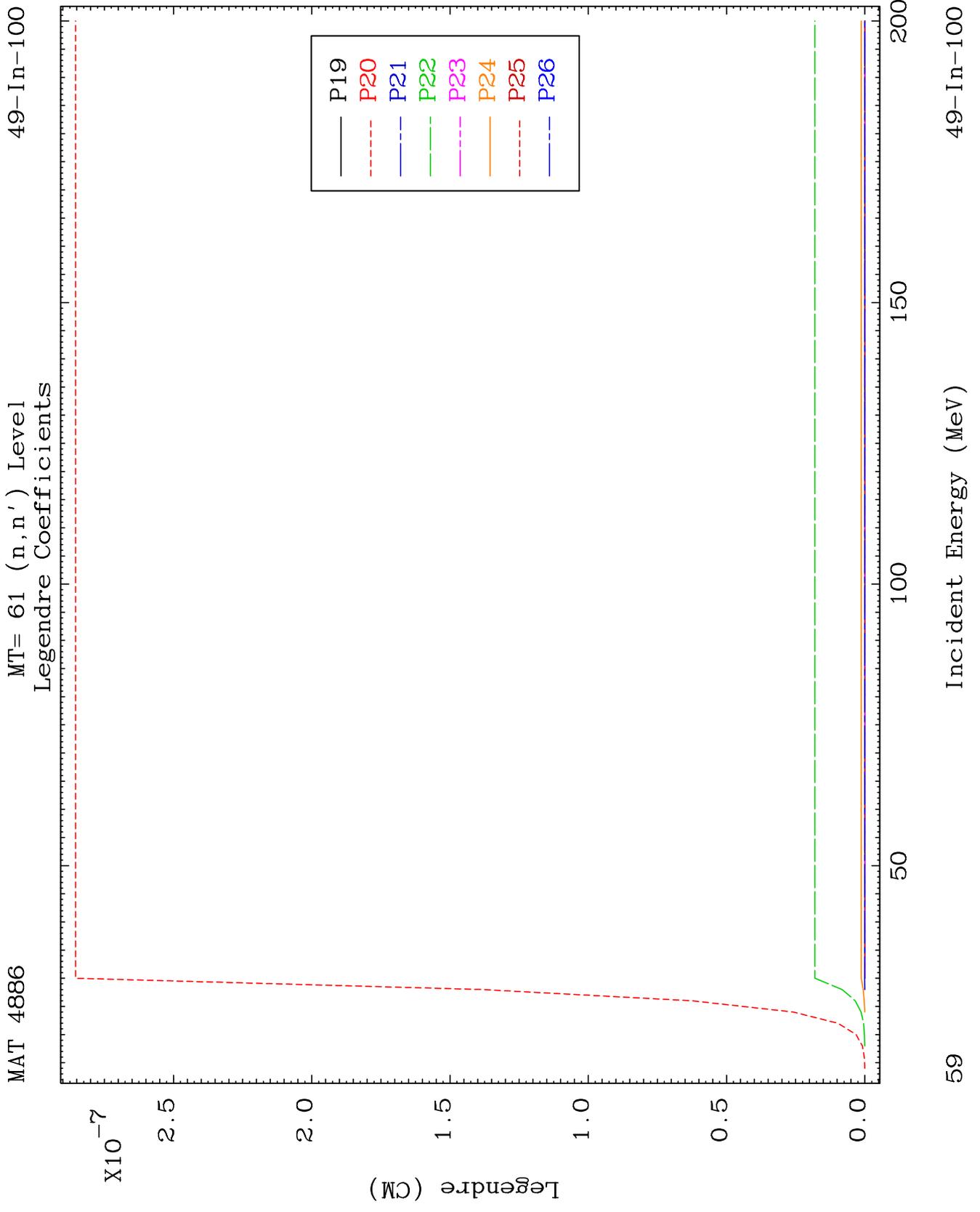
49-In-100



58

Incident Energy (MeV)

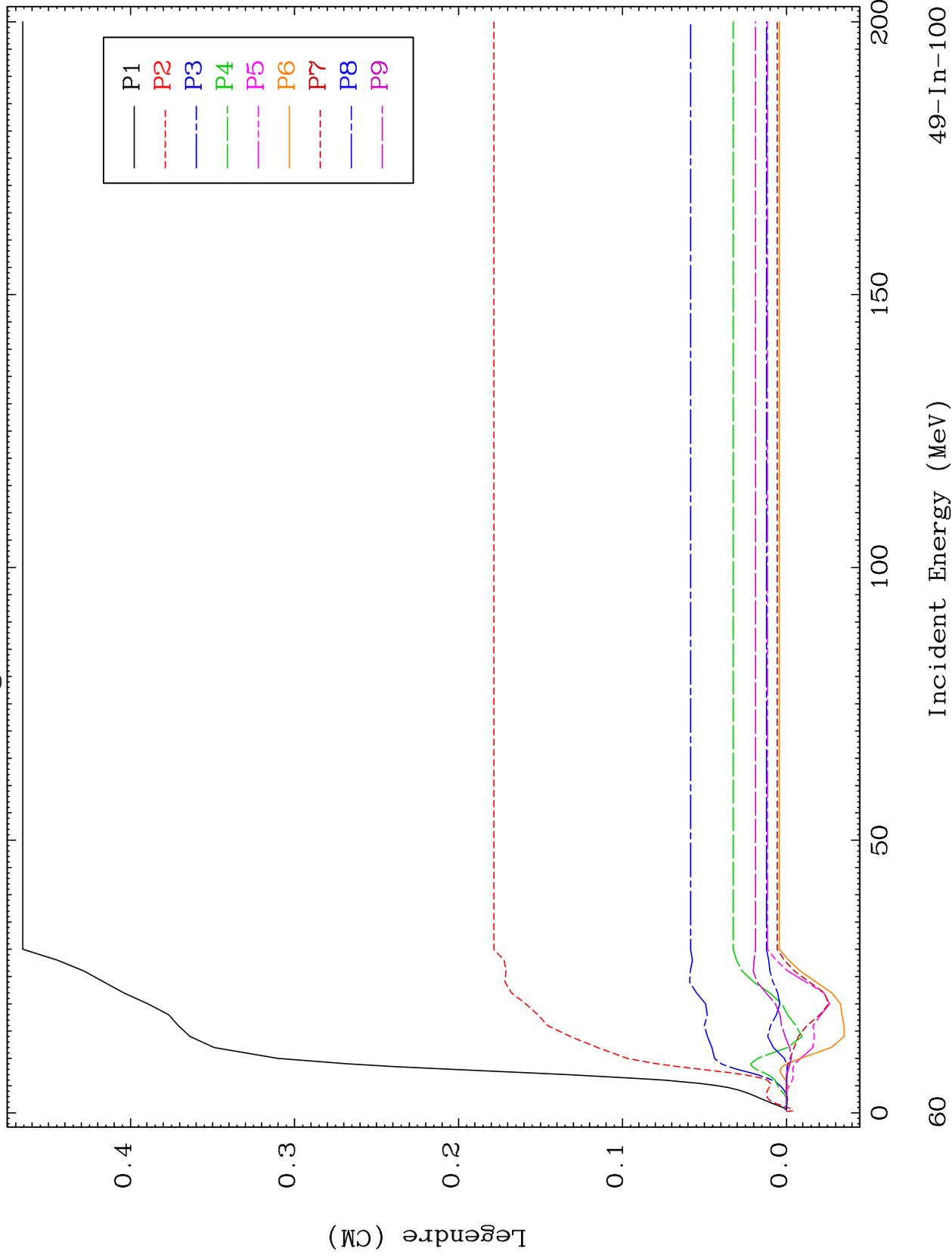
49-In-100



MAT 4886

MT= 62 (n,n') Level  
Legendre Coefficients

49-In-100

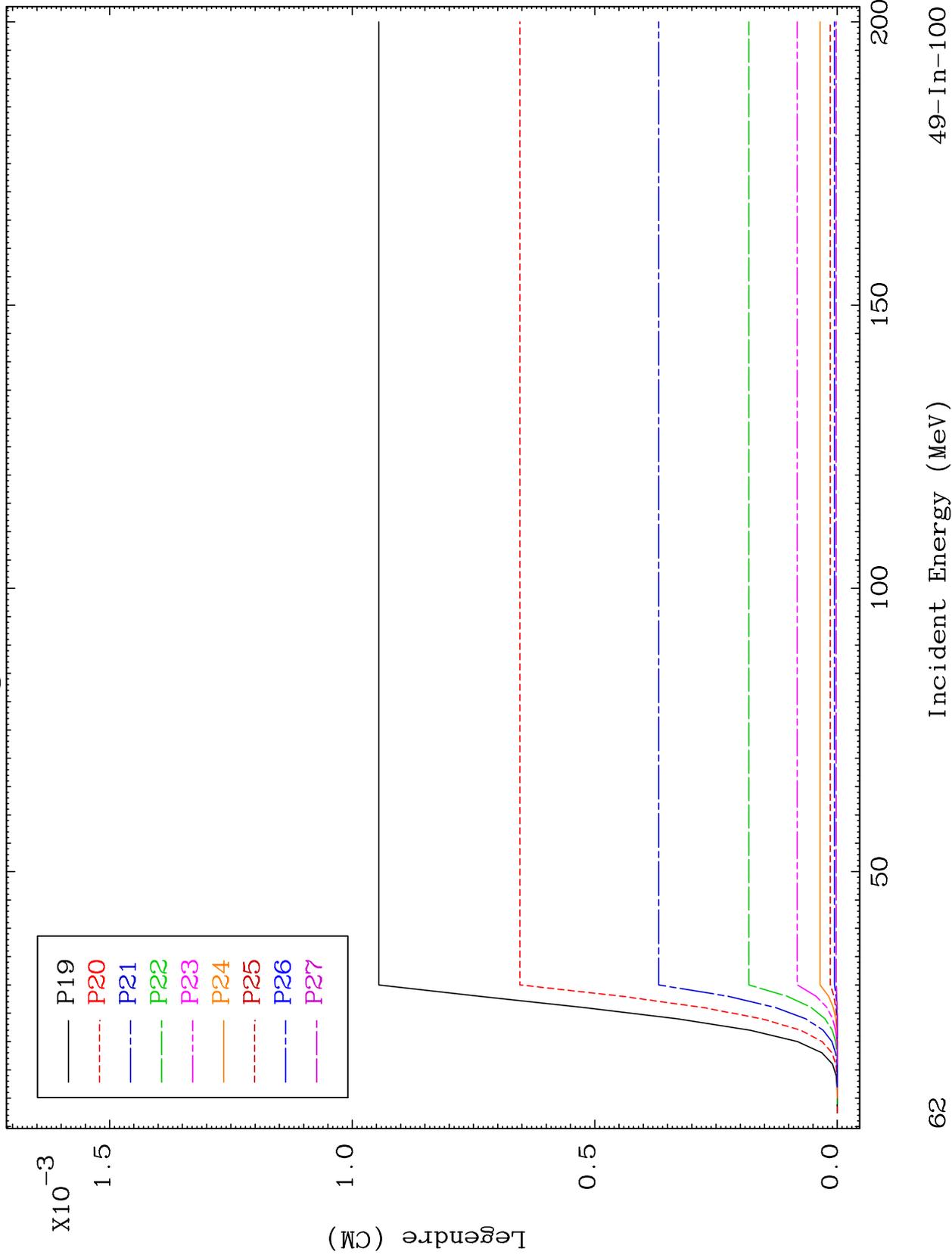




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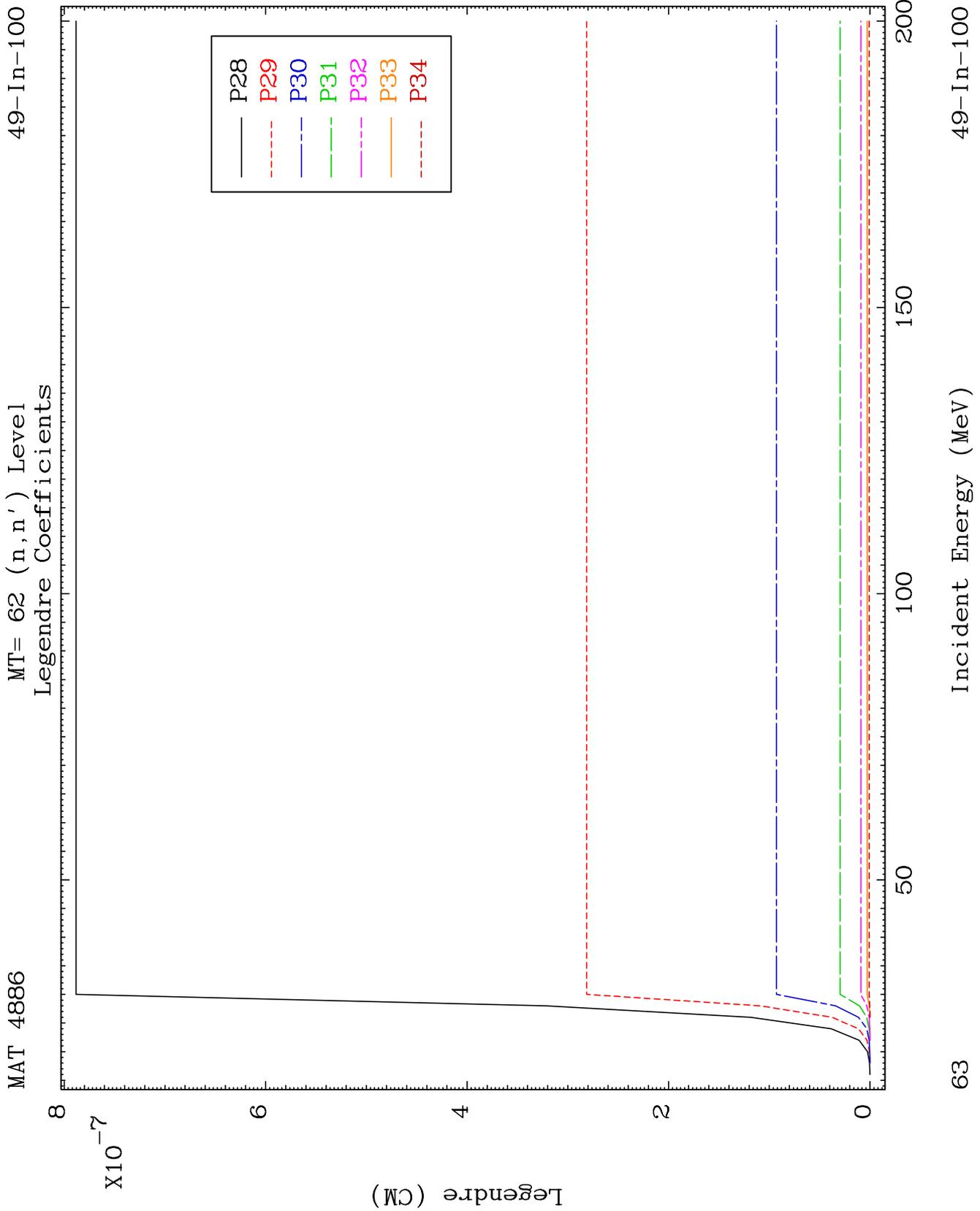
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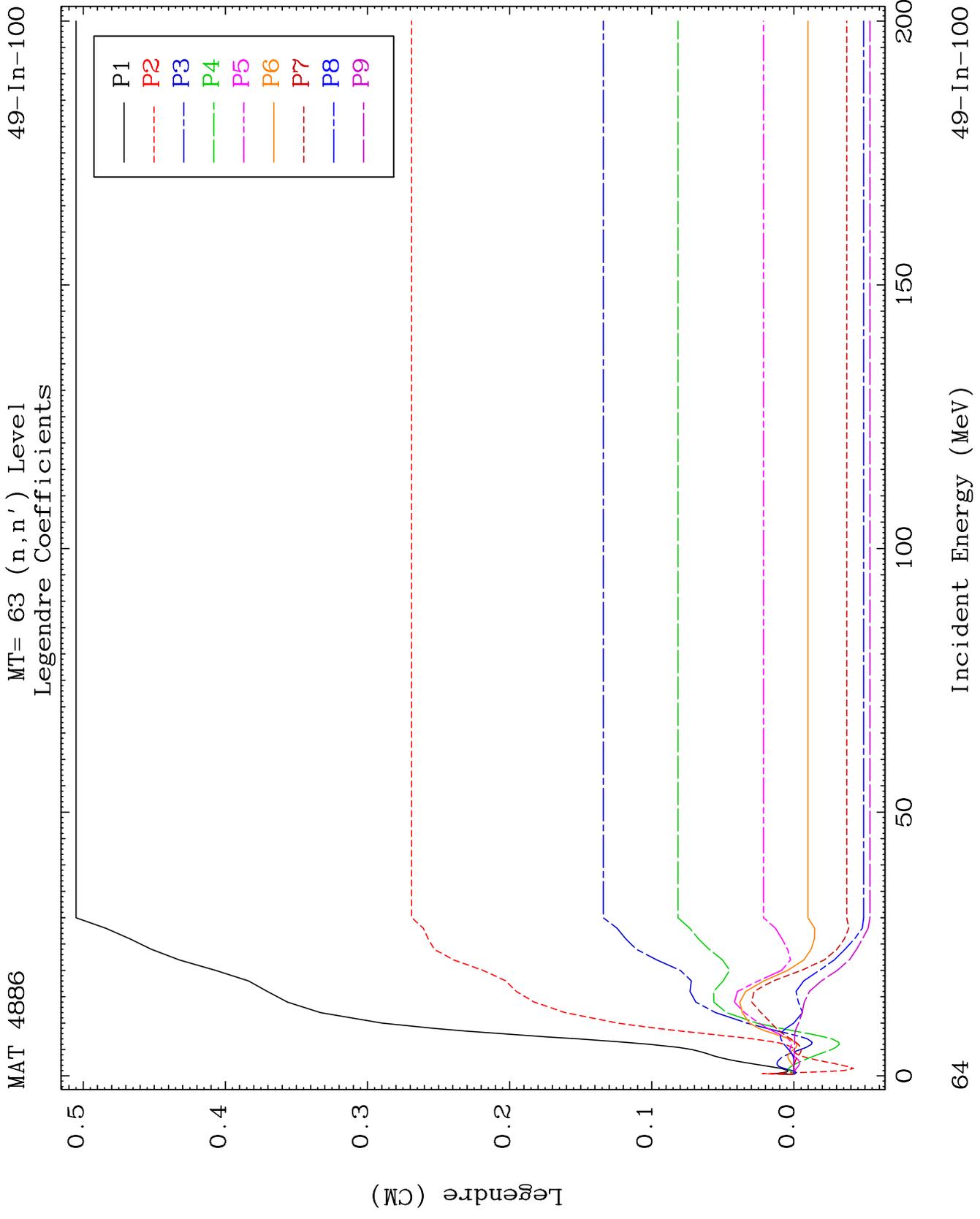
49-In-100



62

49-In-100





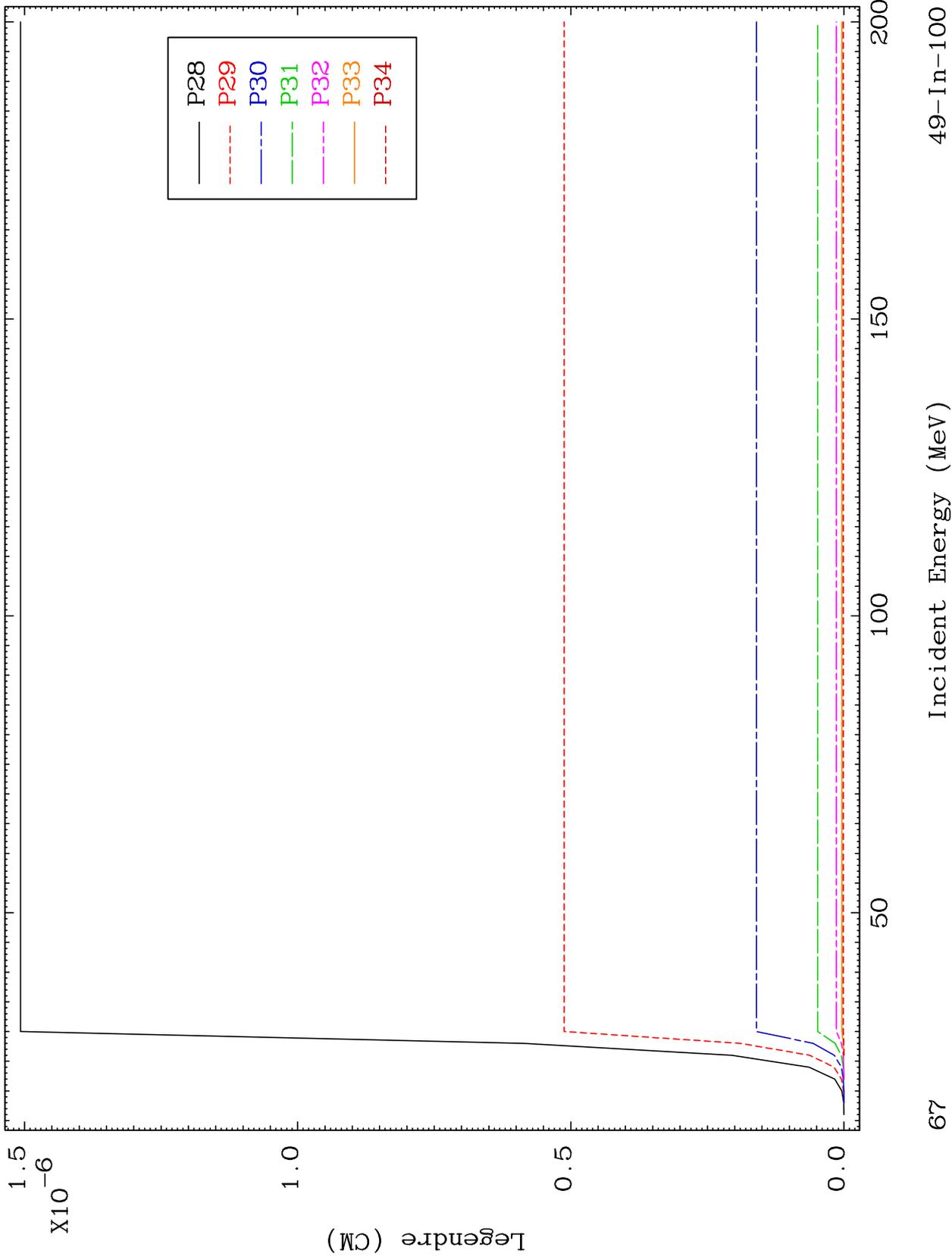




MAT 4886

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

49-In-100



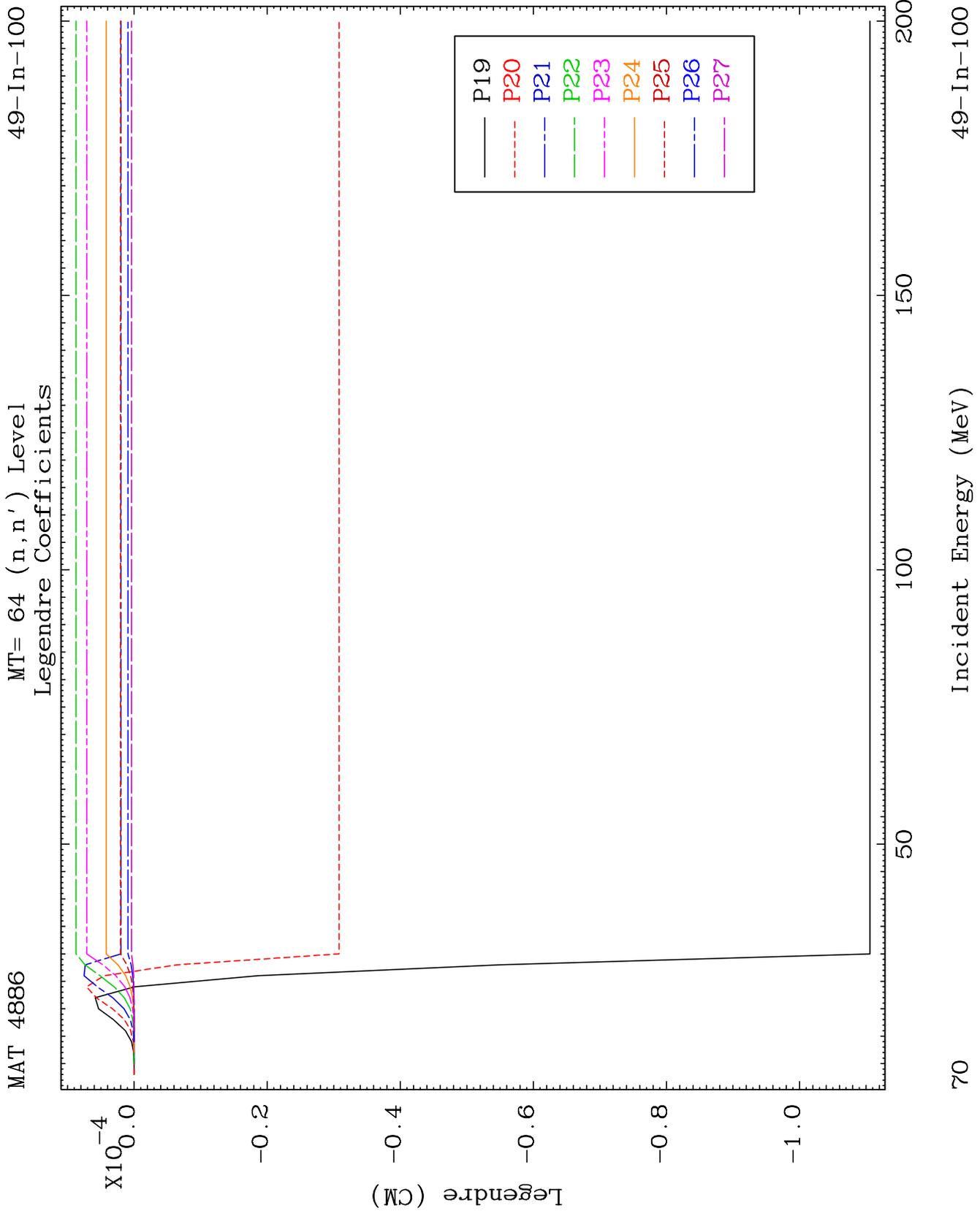
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Incident Energy (MeV)

49-In-100



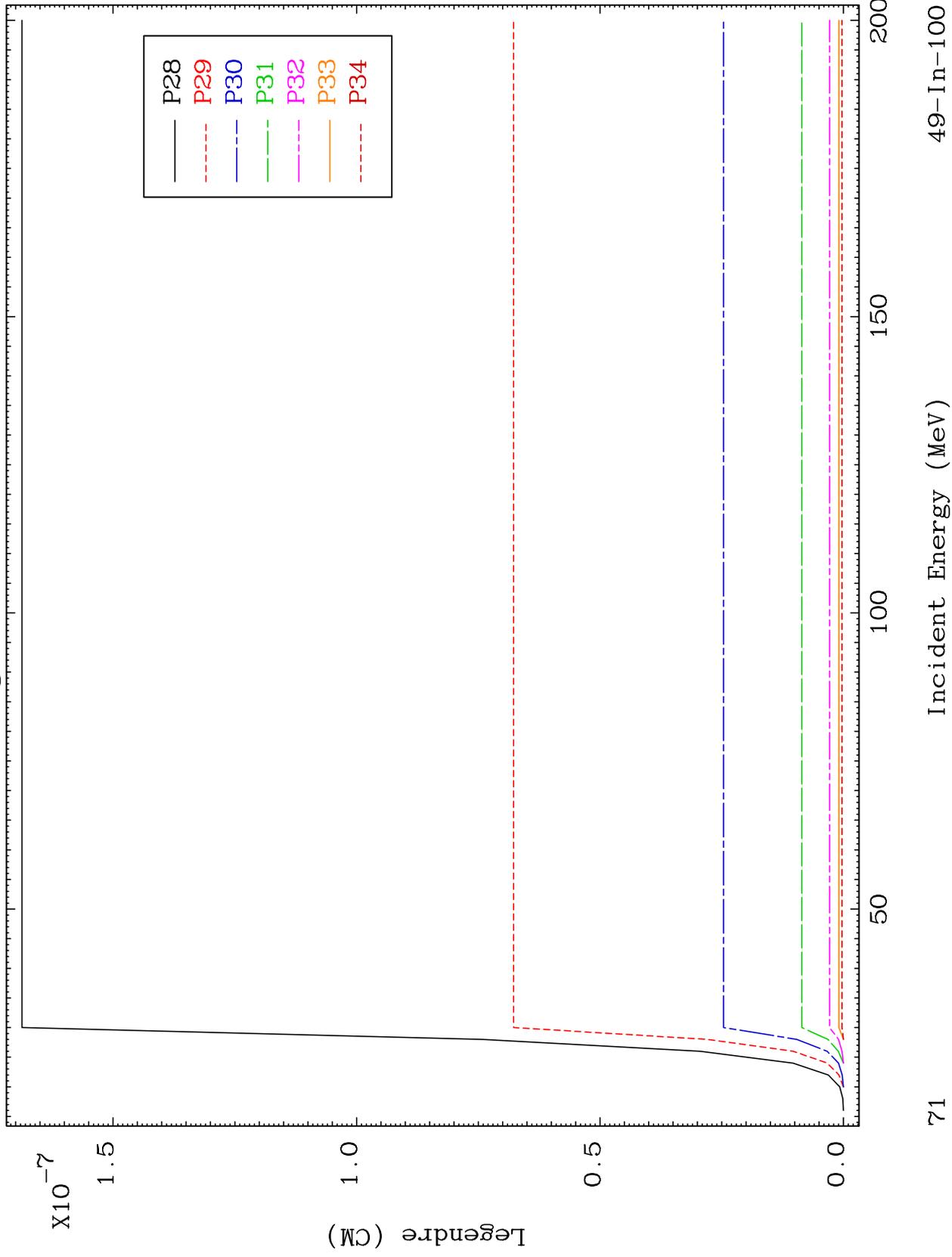


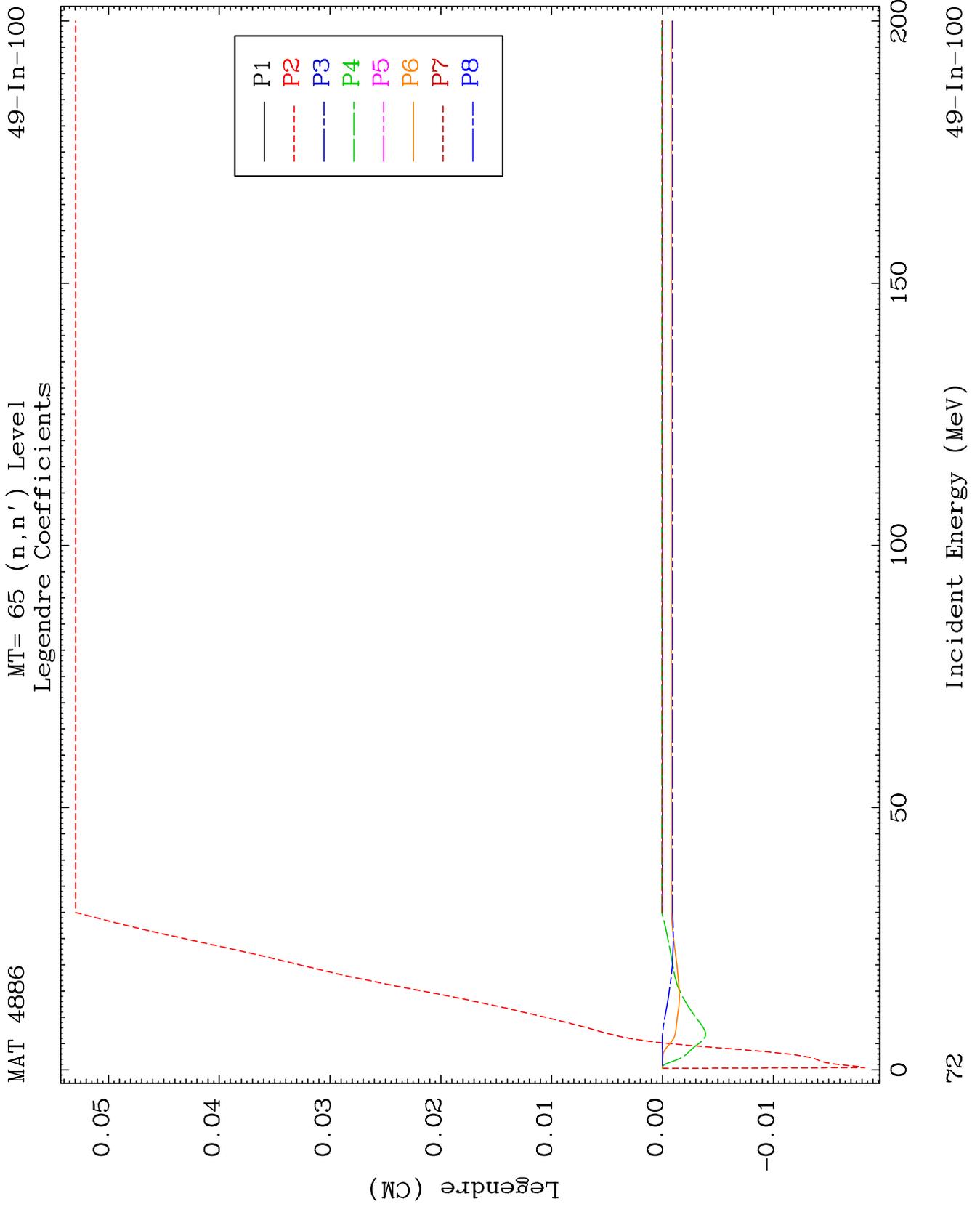


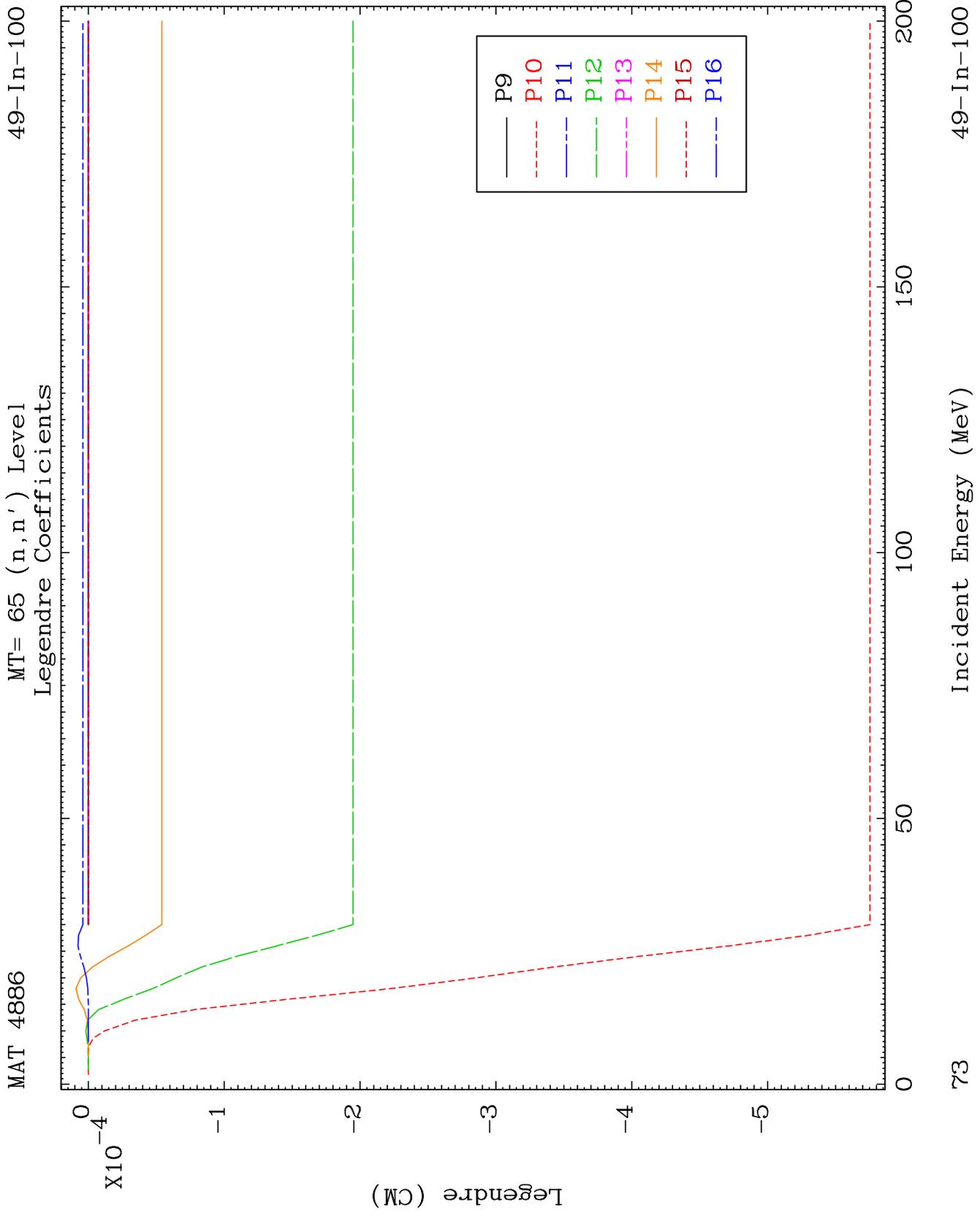
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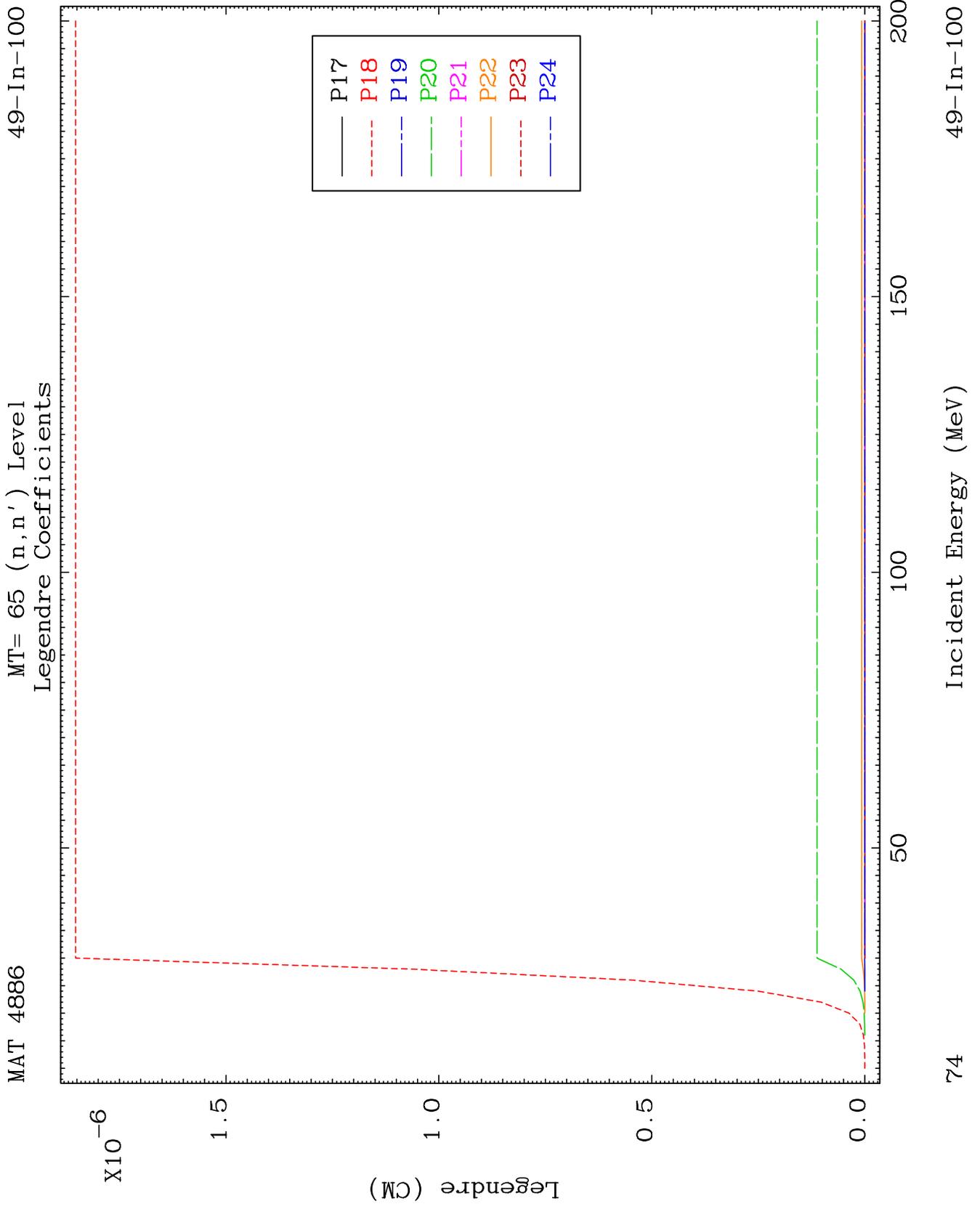
MT= 64 (n,n') Level  
Legendre Coefficients

49-In-100







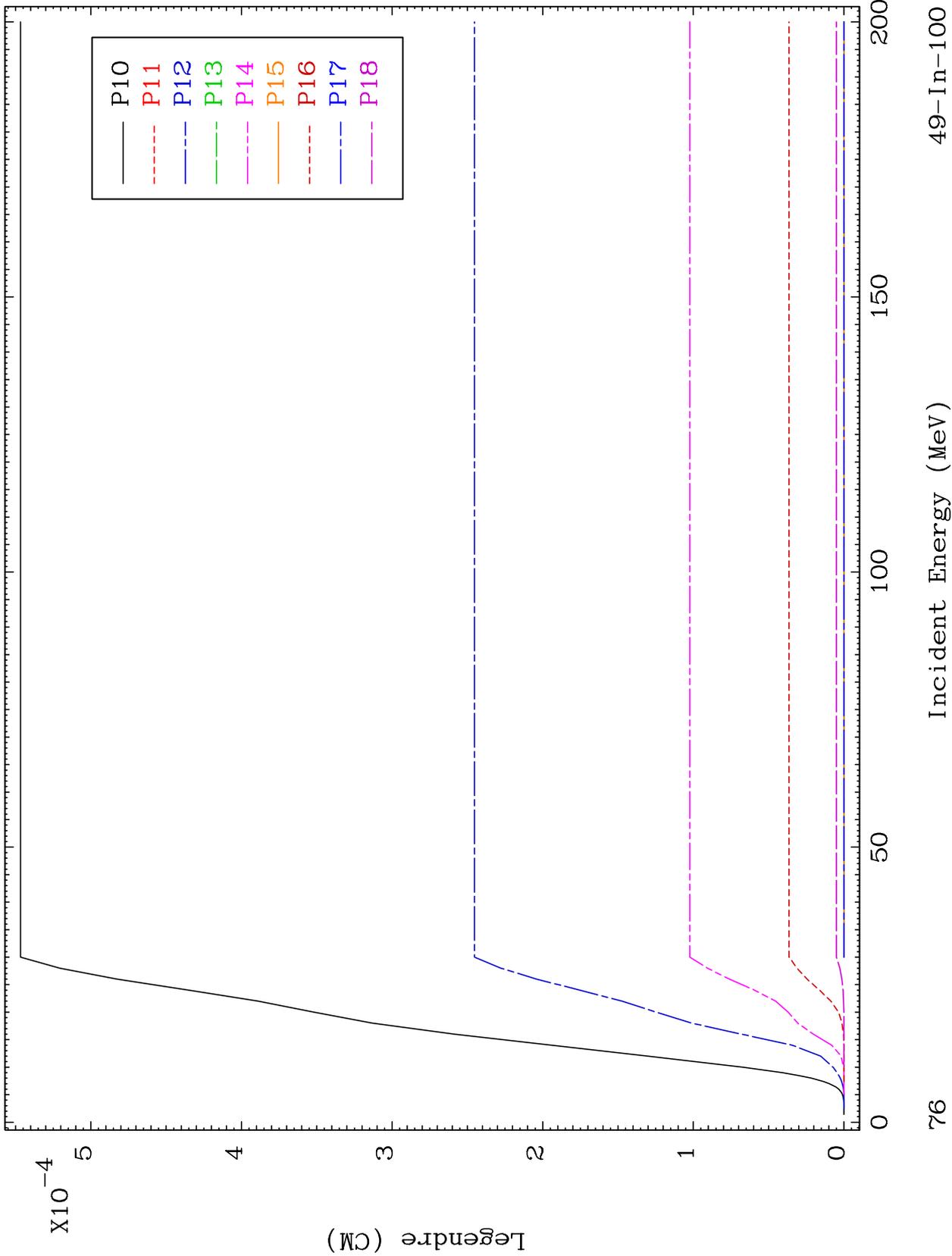




MAT 4886

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

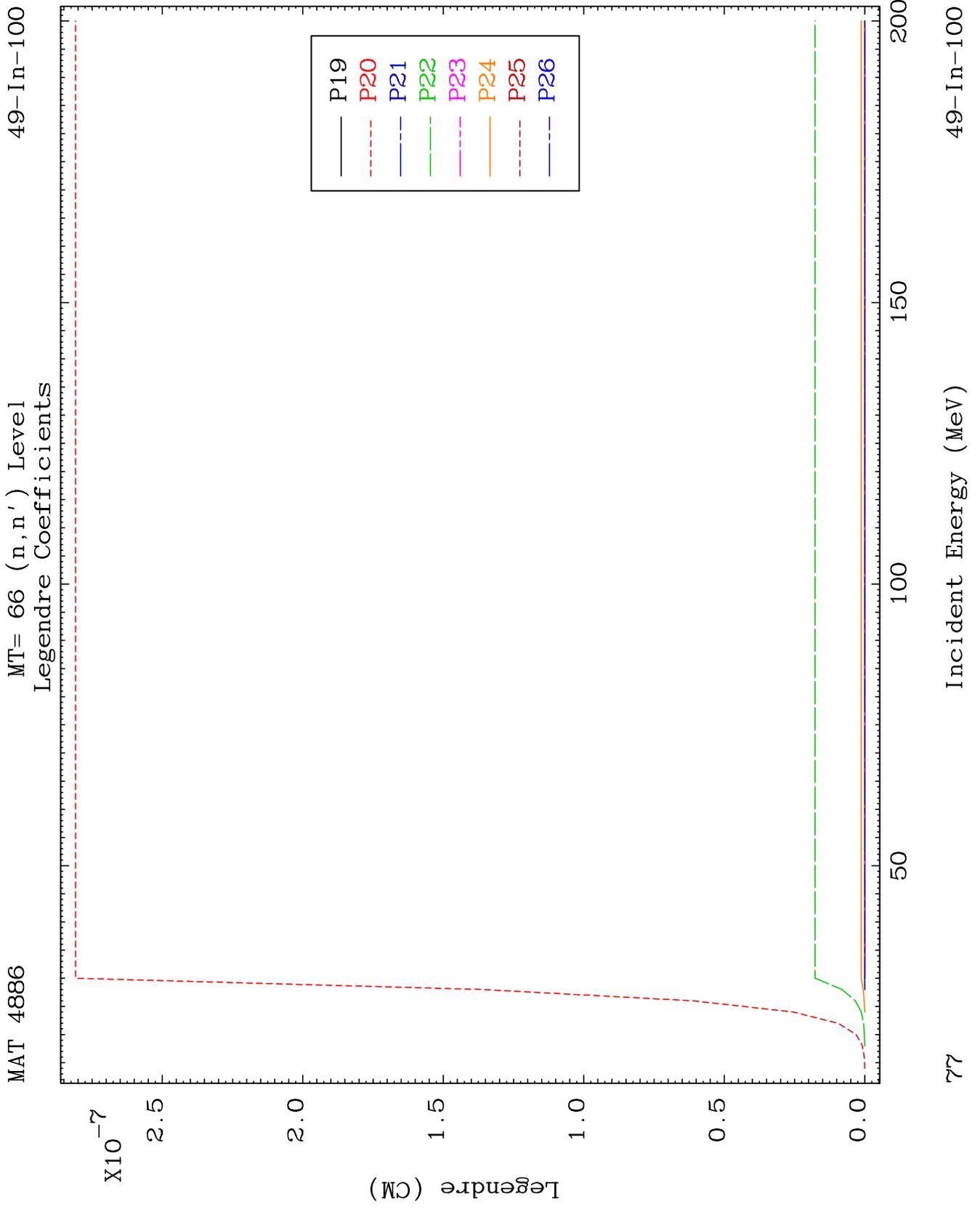
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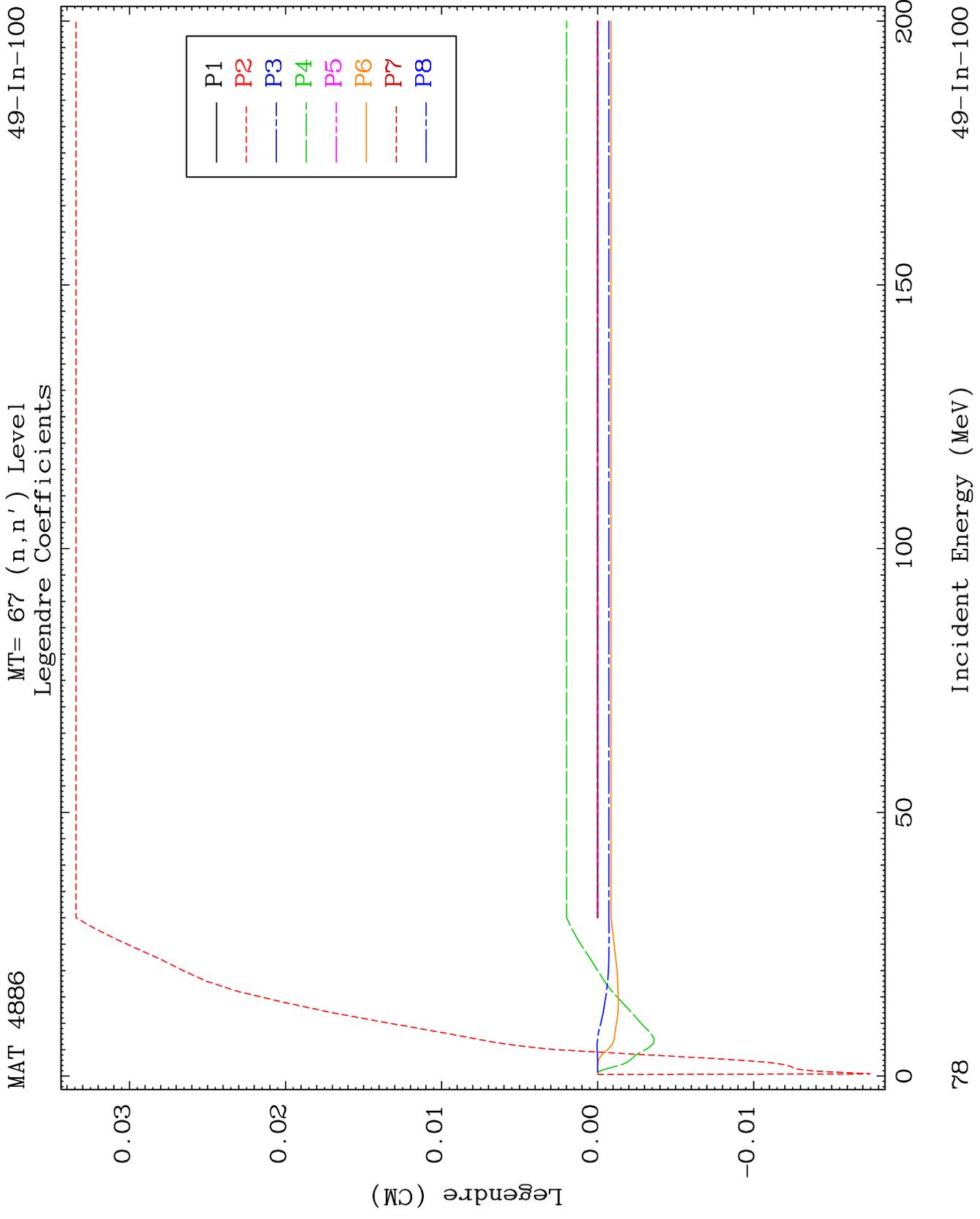


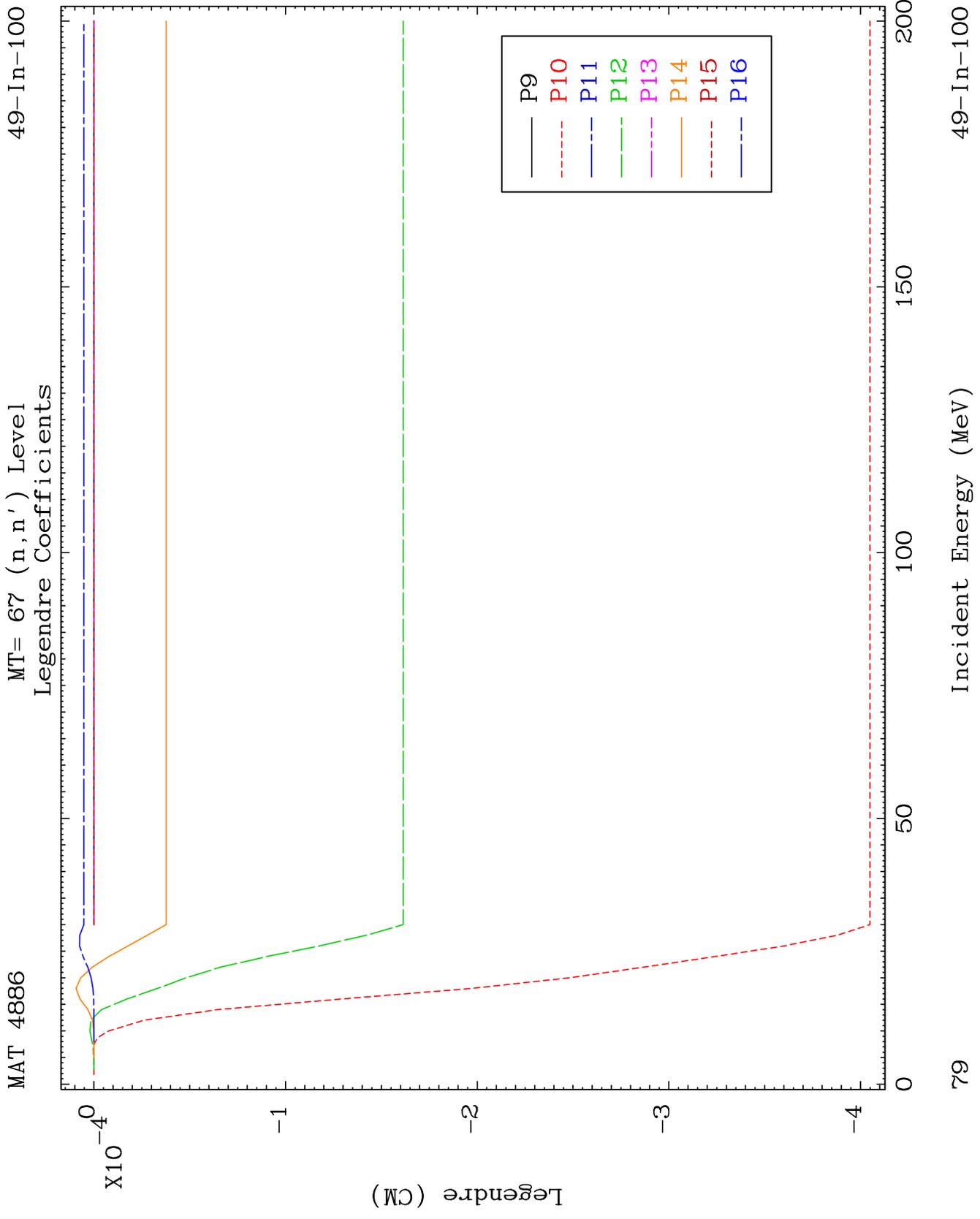
76

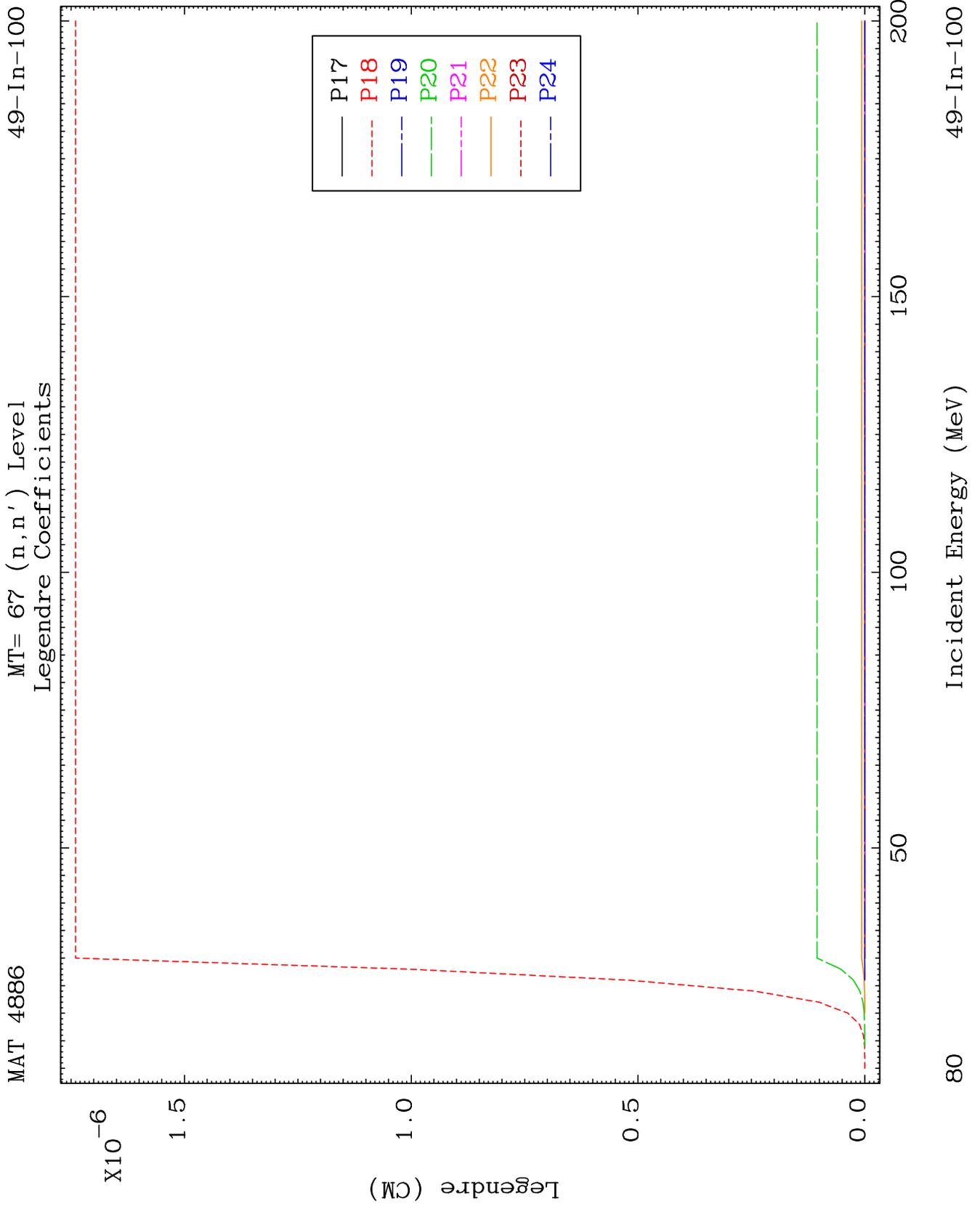
Incident Energy (MeV)

49-In-100







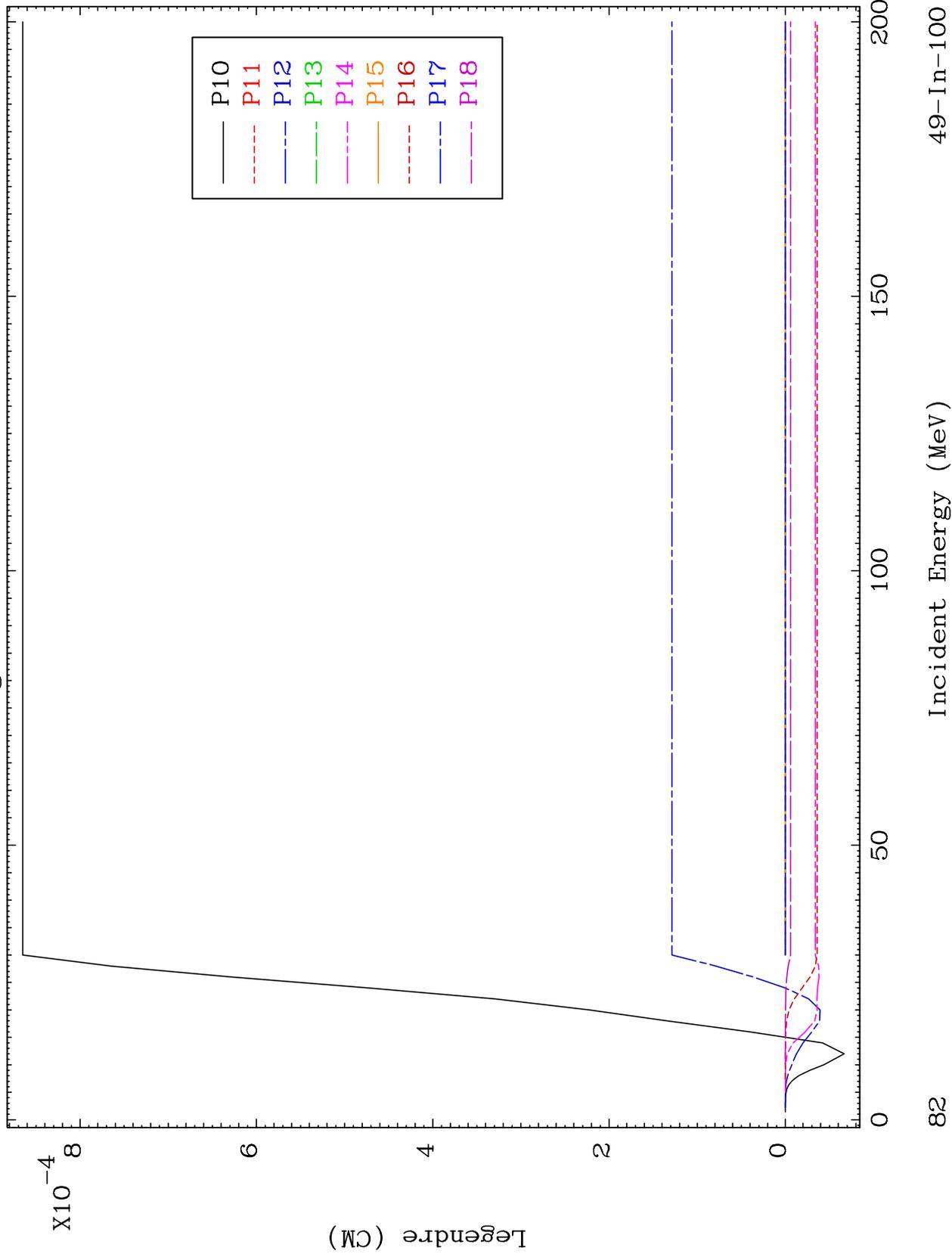


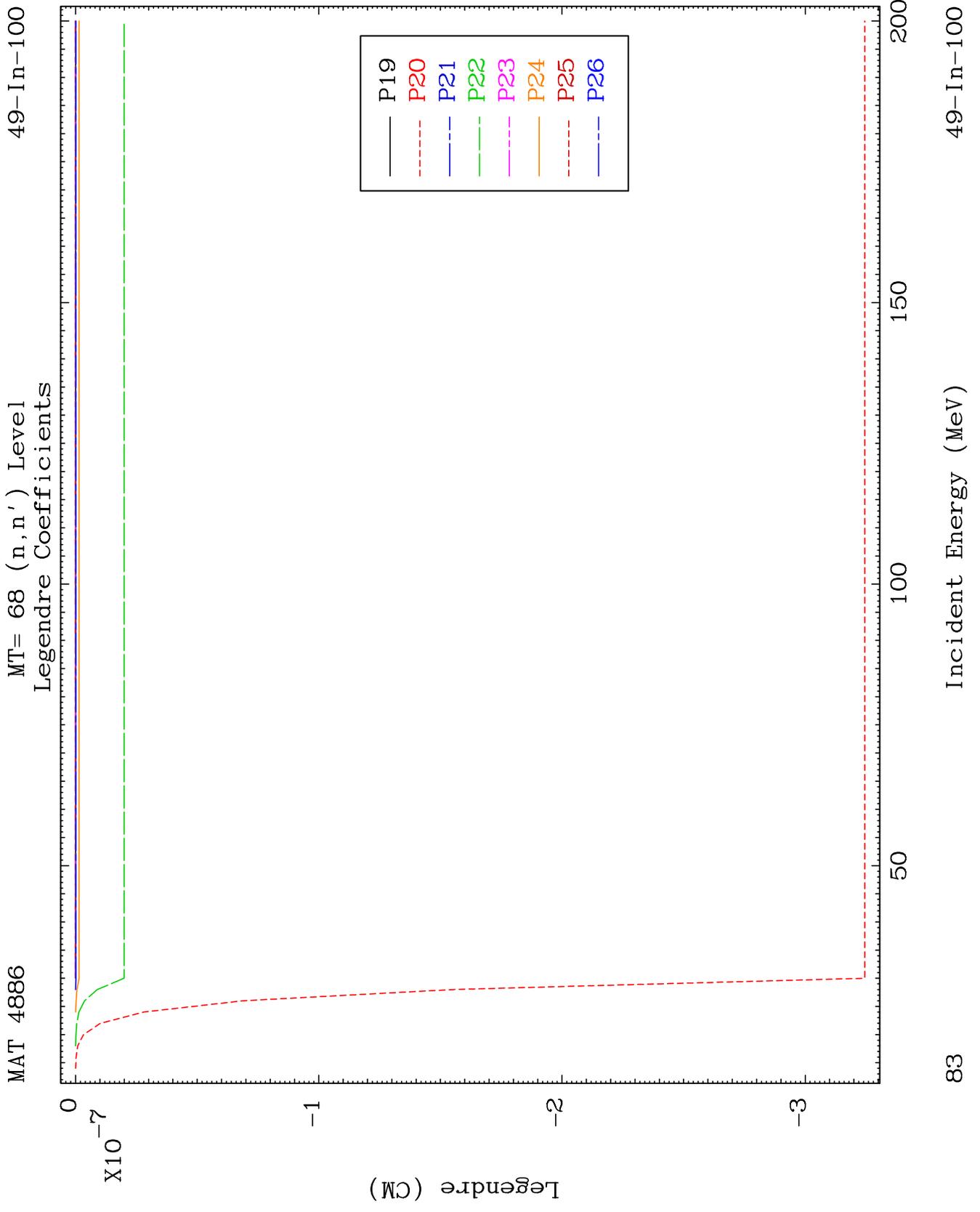


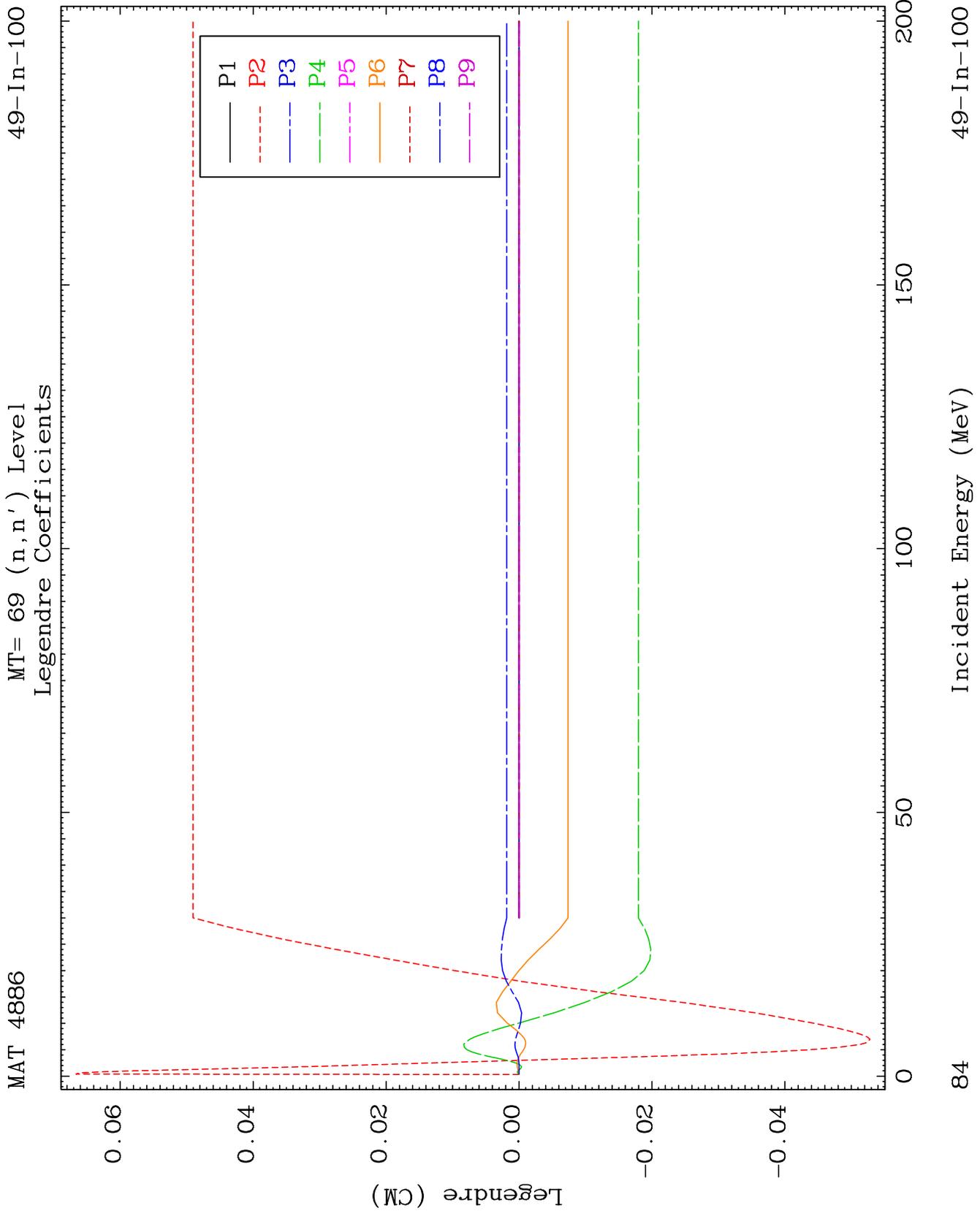
MAT 4886

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

49-In-100



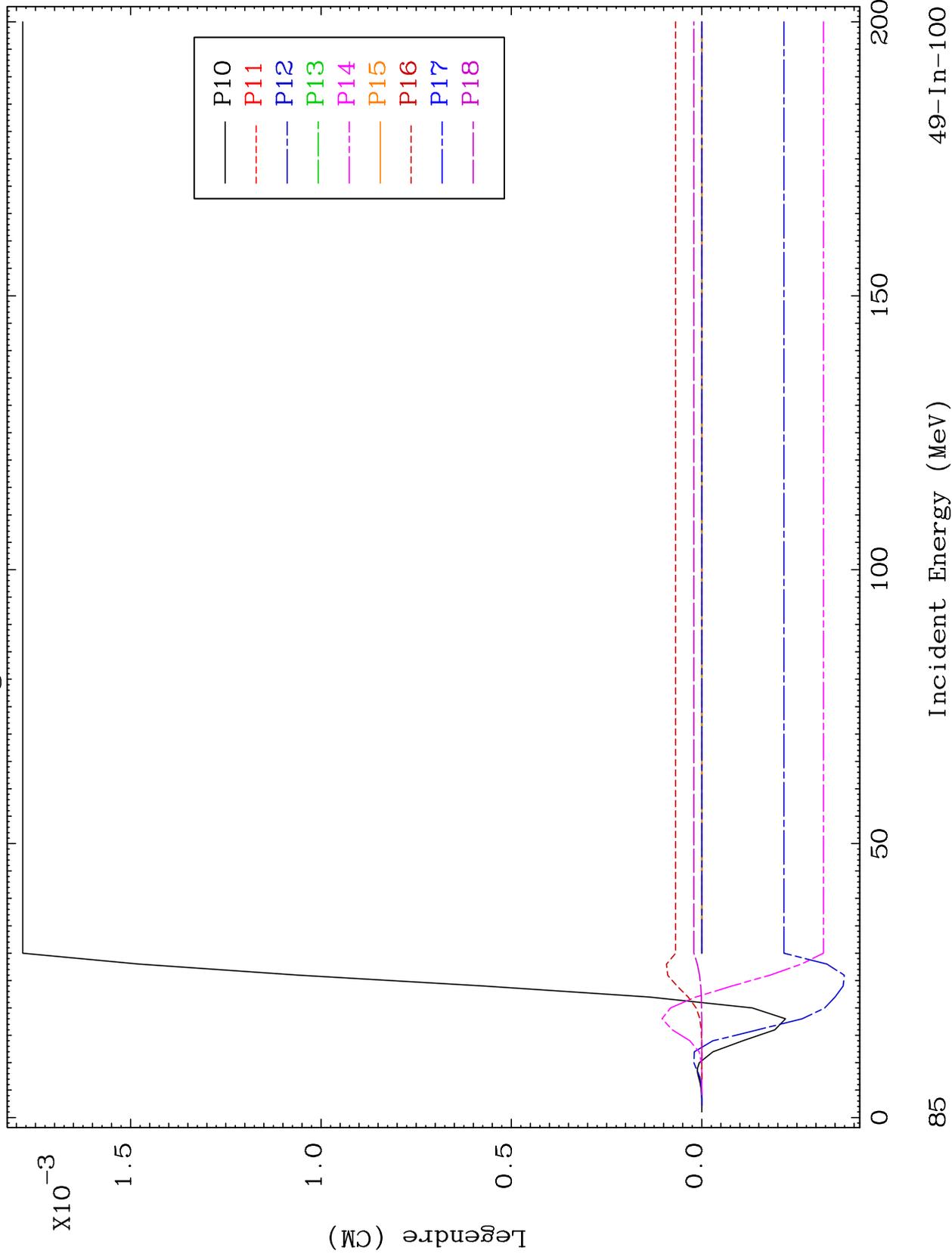




MAT 4886

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

49-In-100

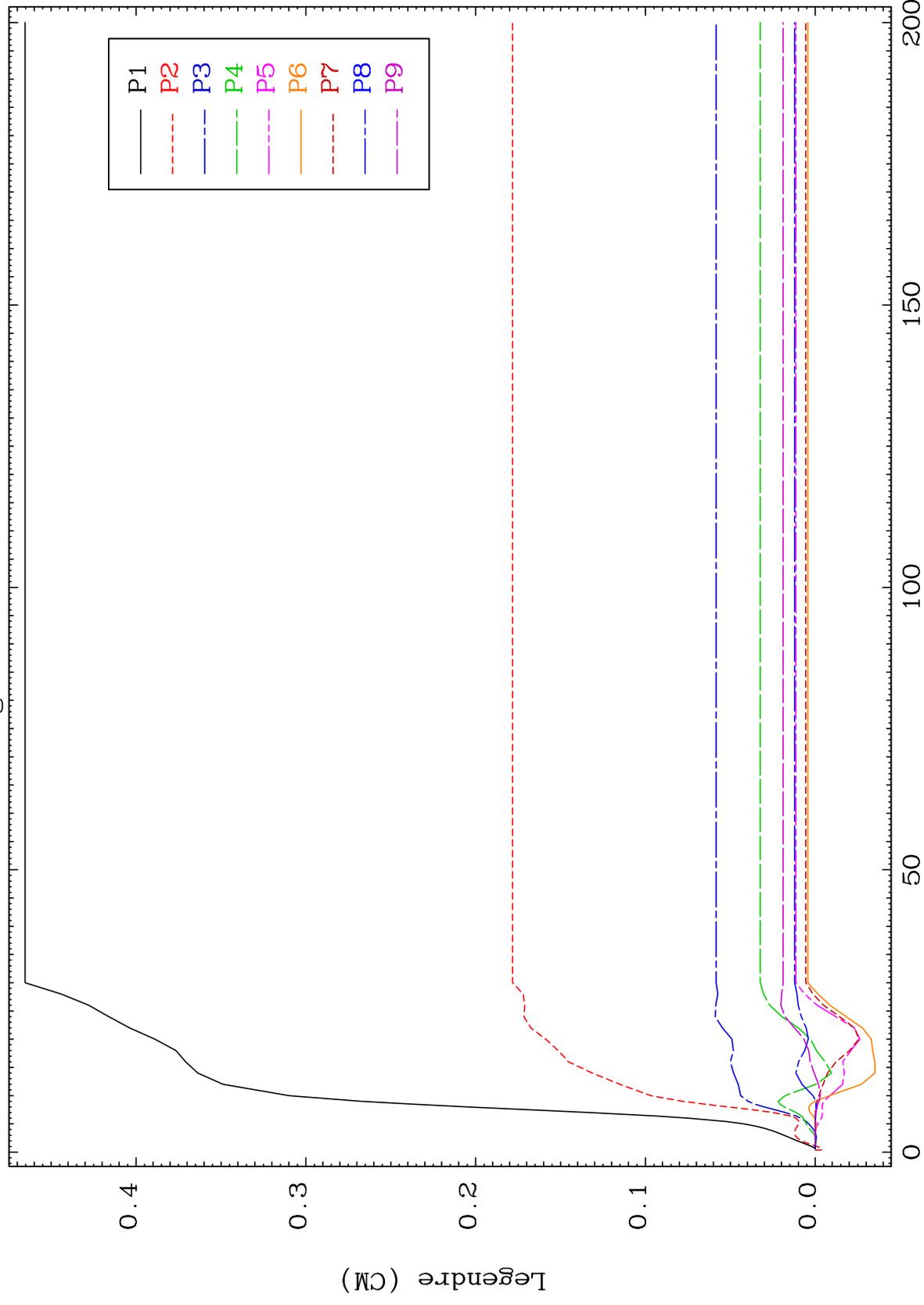




MAT 4886

MT= 70 (n,n') Level  
Legendre Coefficients

49-In-100



87

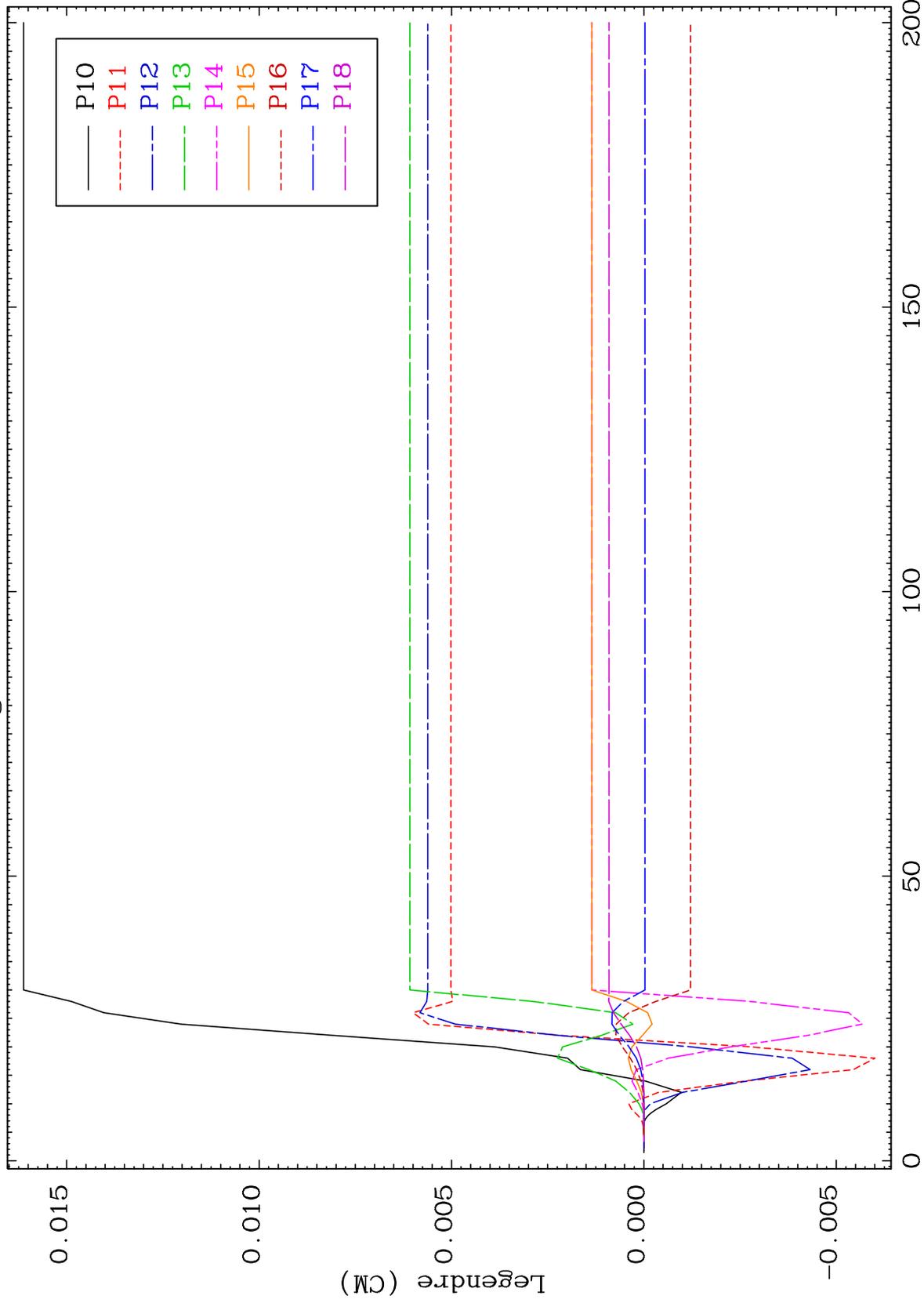
Incident Energy (MeV)

49-In-100

MAT 4886

MT= 70 (n,n') Level  
Legendre Coefficients

49-In-100



88

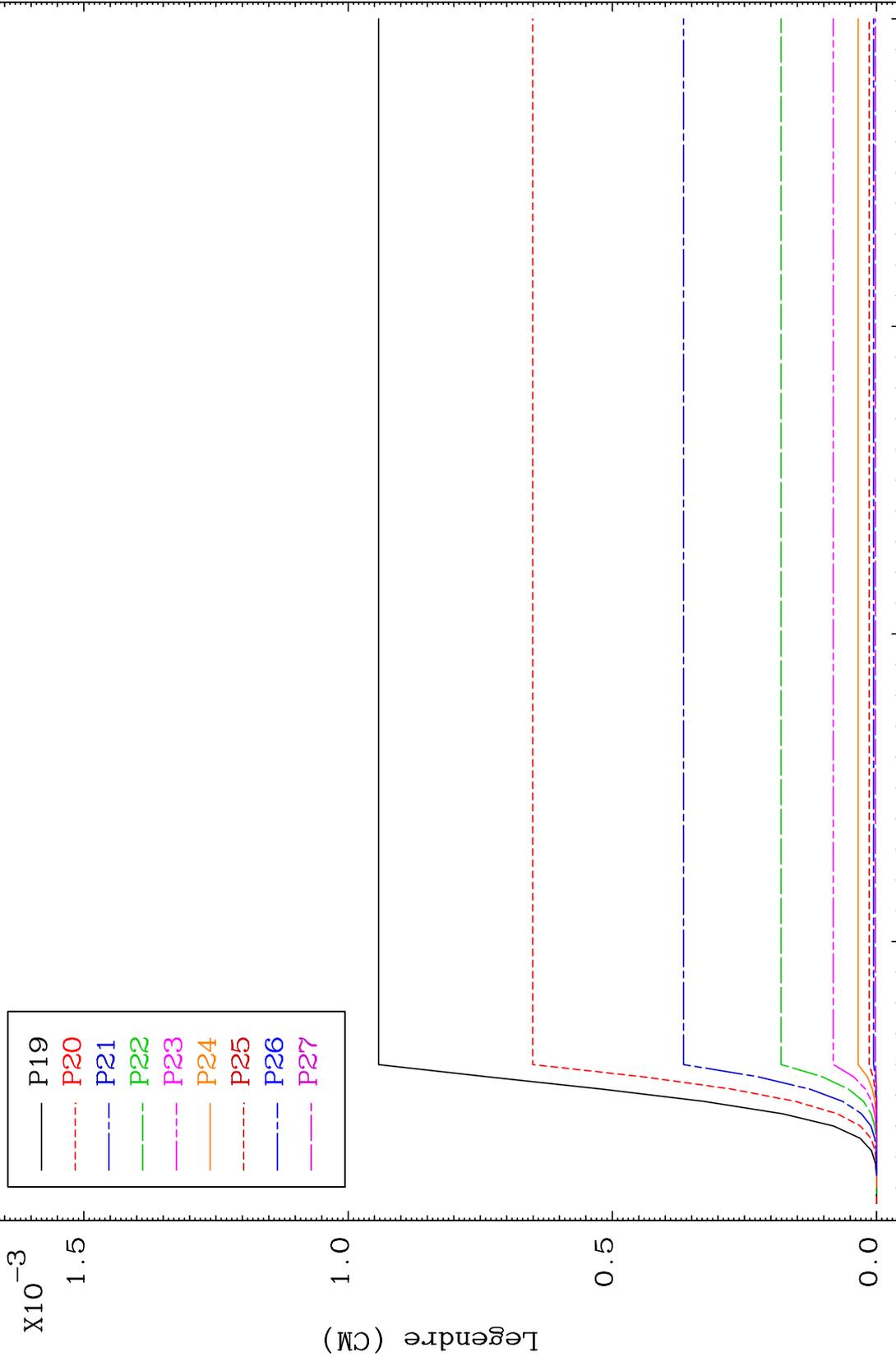
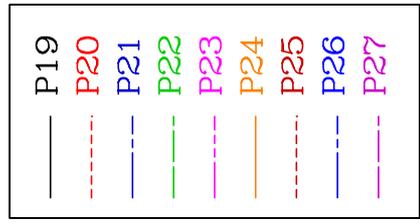
Incident Energy (MeV)

49-In-100

MAT 4886

MT= 70 (n,n') Level  
Legendre Coefficients

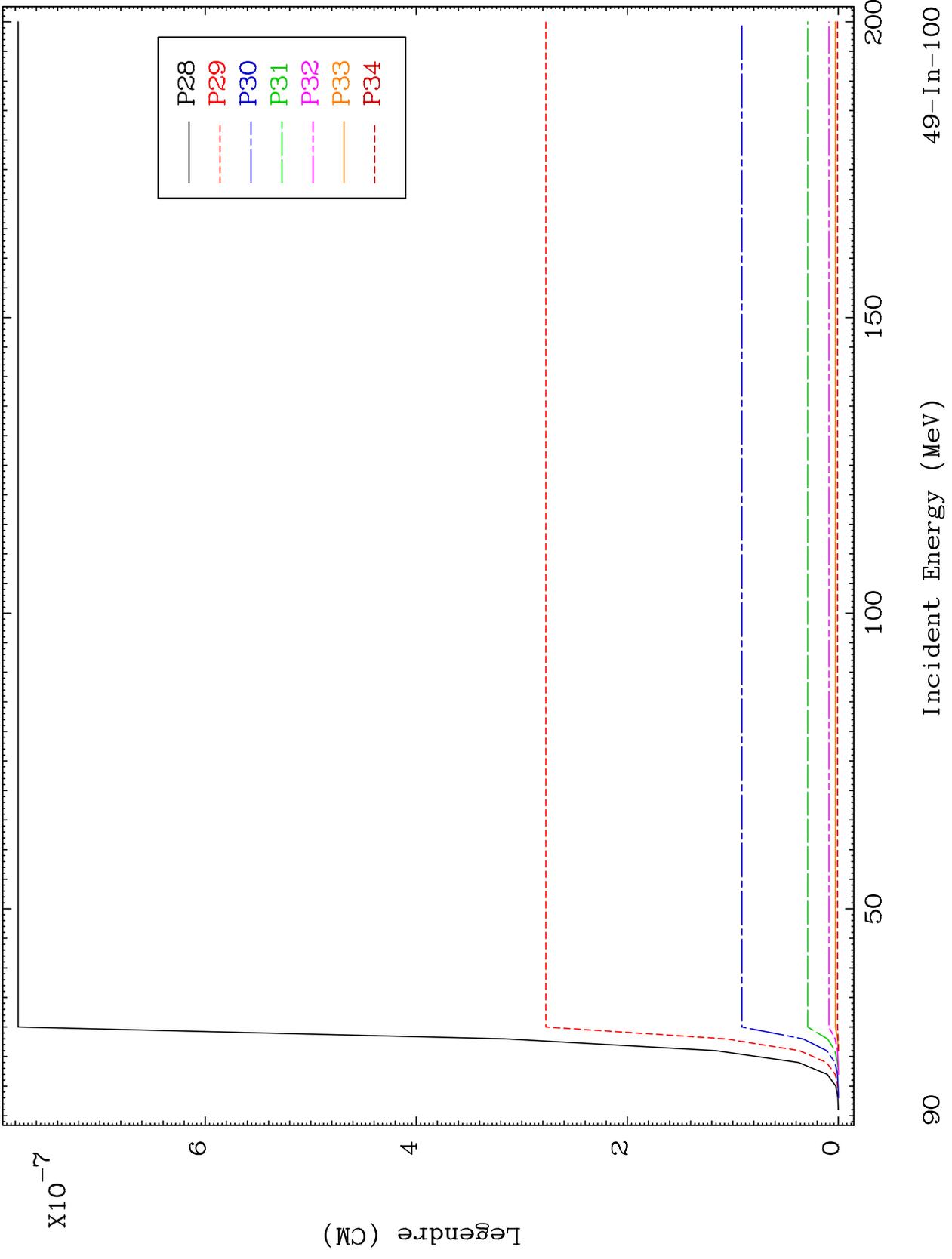
49-In-100



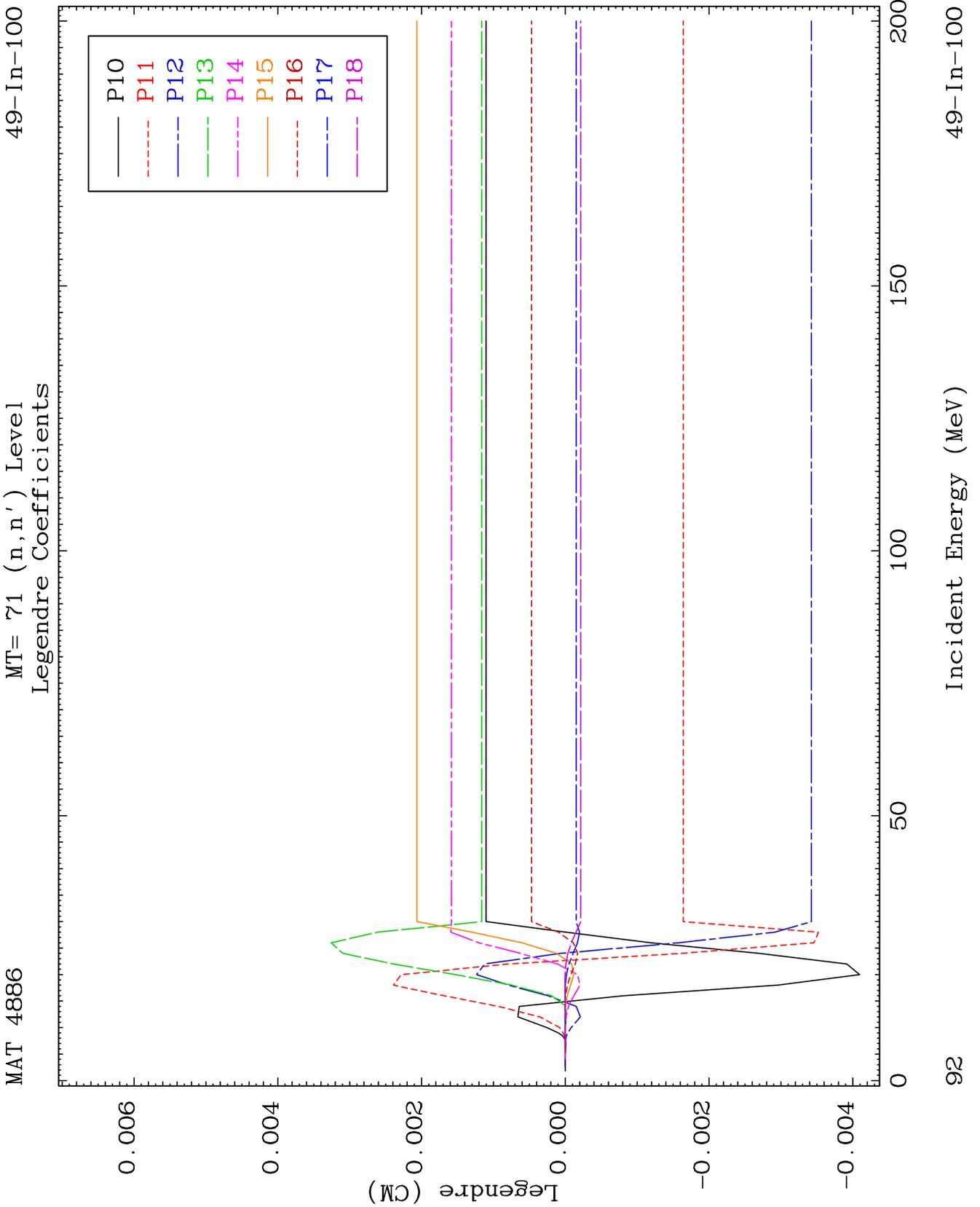
MAT 4886

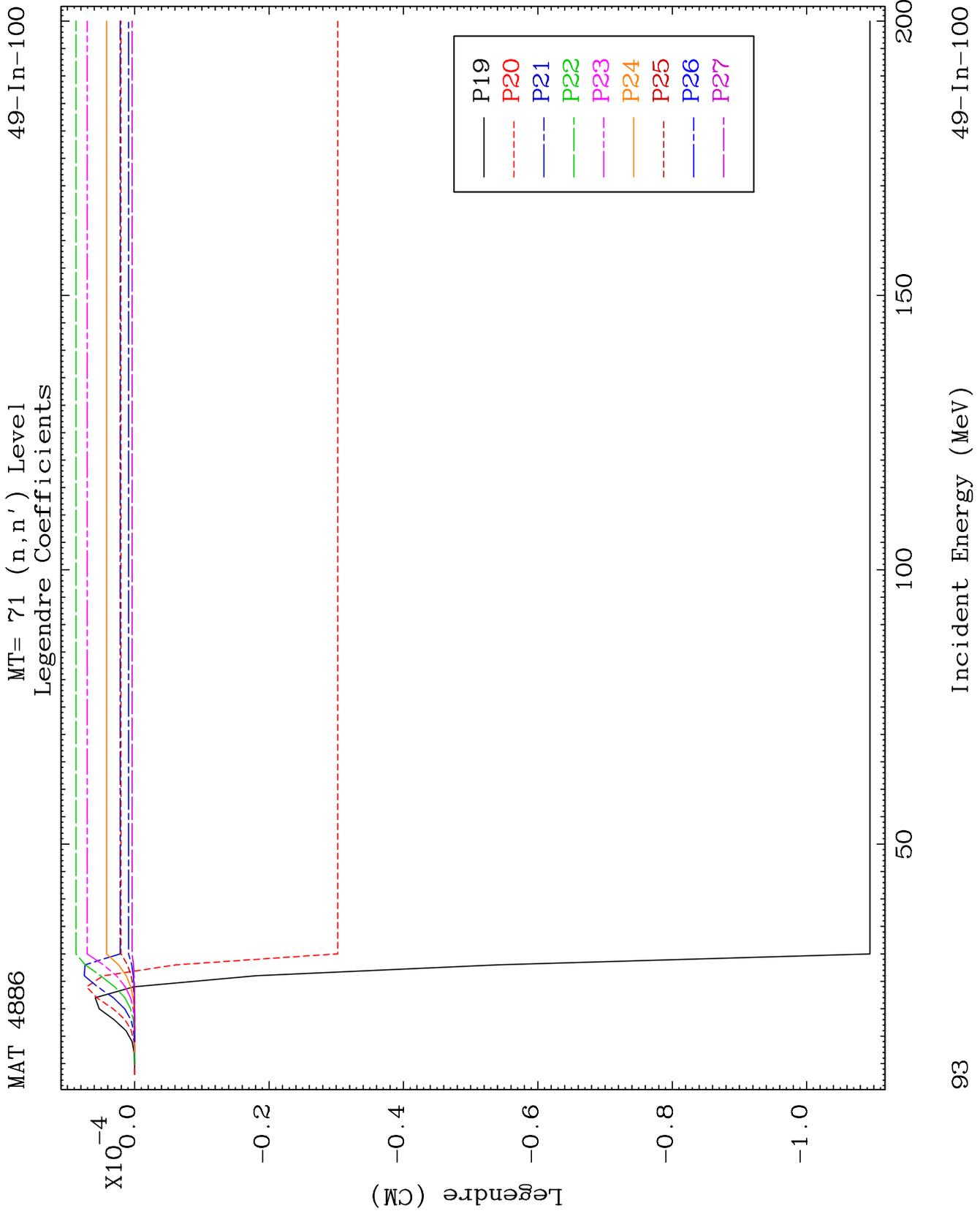
MT= 70 (n,n') Level  
Legendre Coefficients

49-In-100





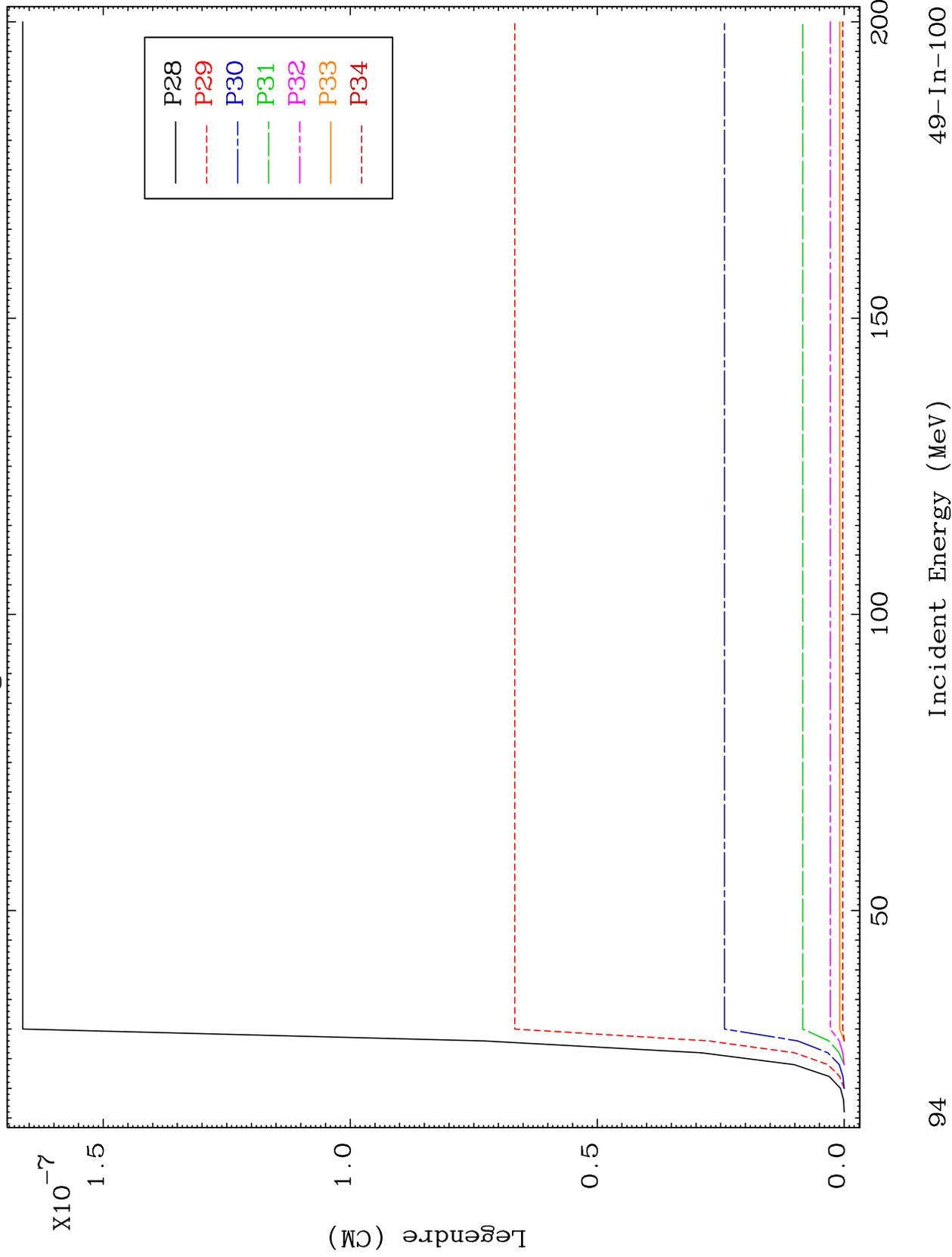




MAT 4886

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

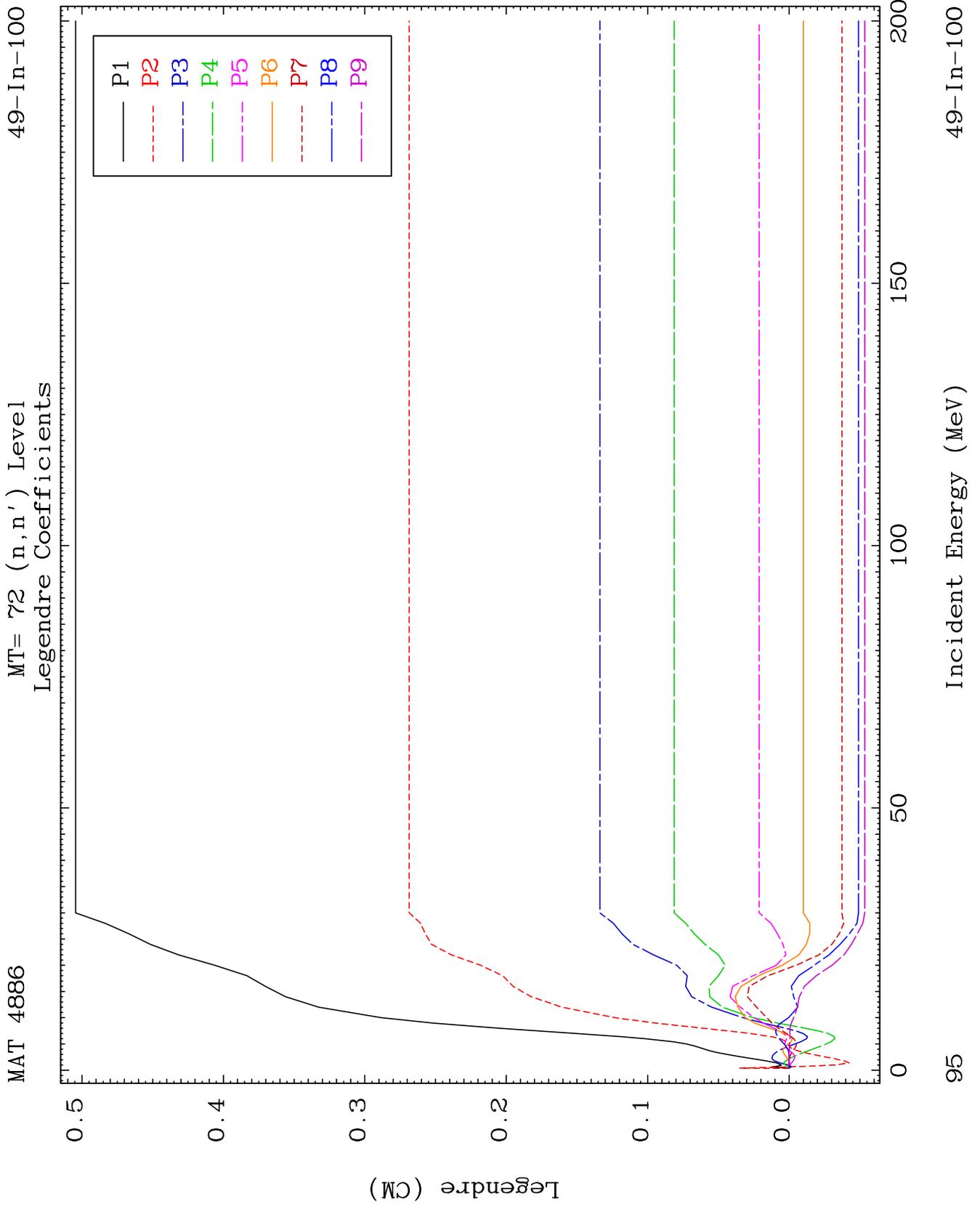
49-In-100



94

Incident Energy (MeV)

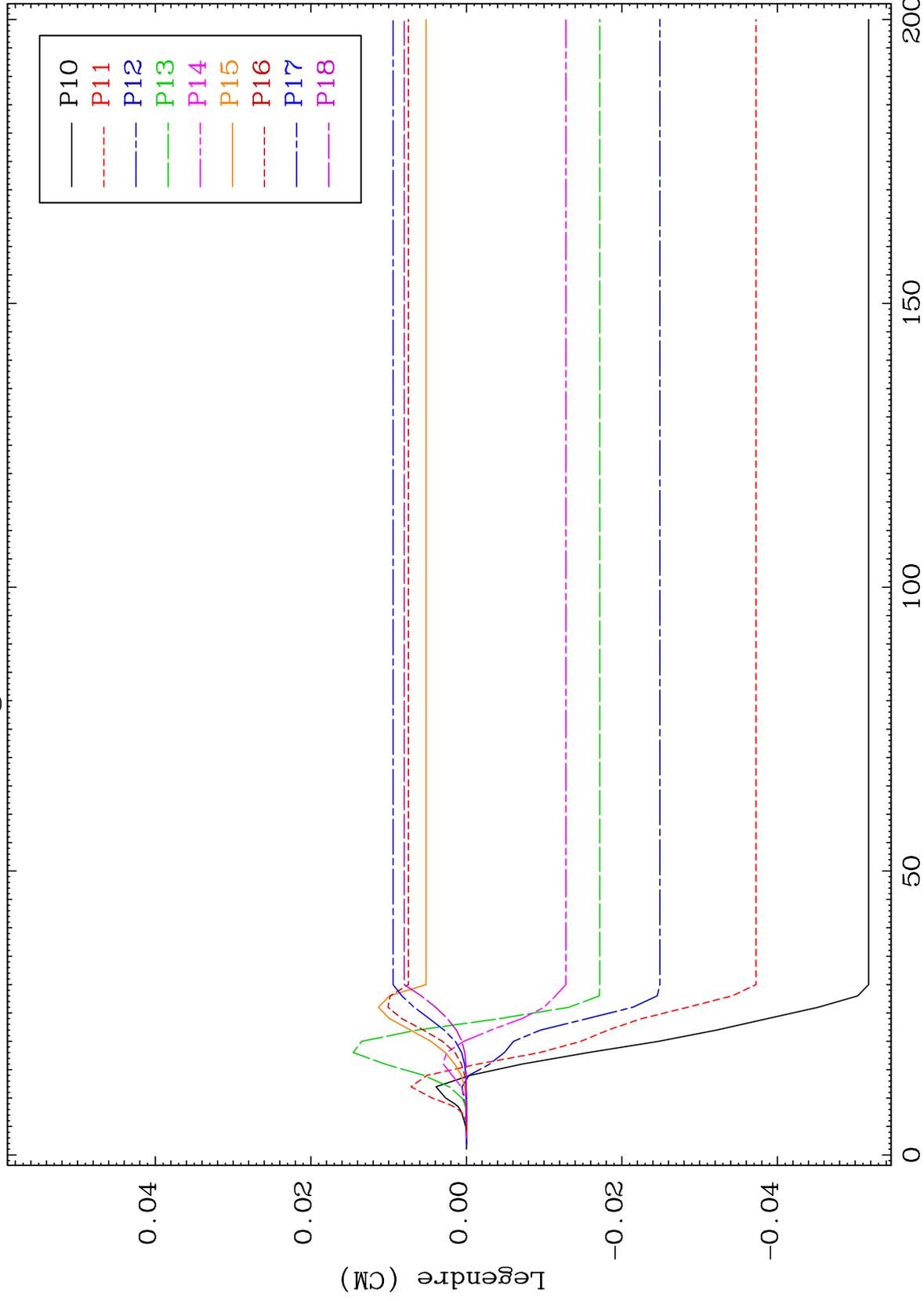
49-In-100



MAT 4886

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

49-In-100



96

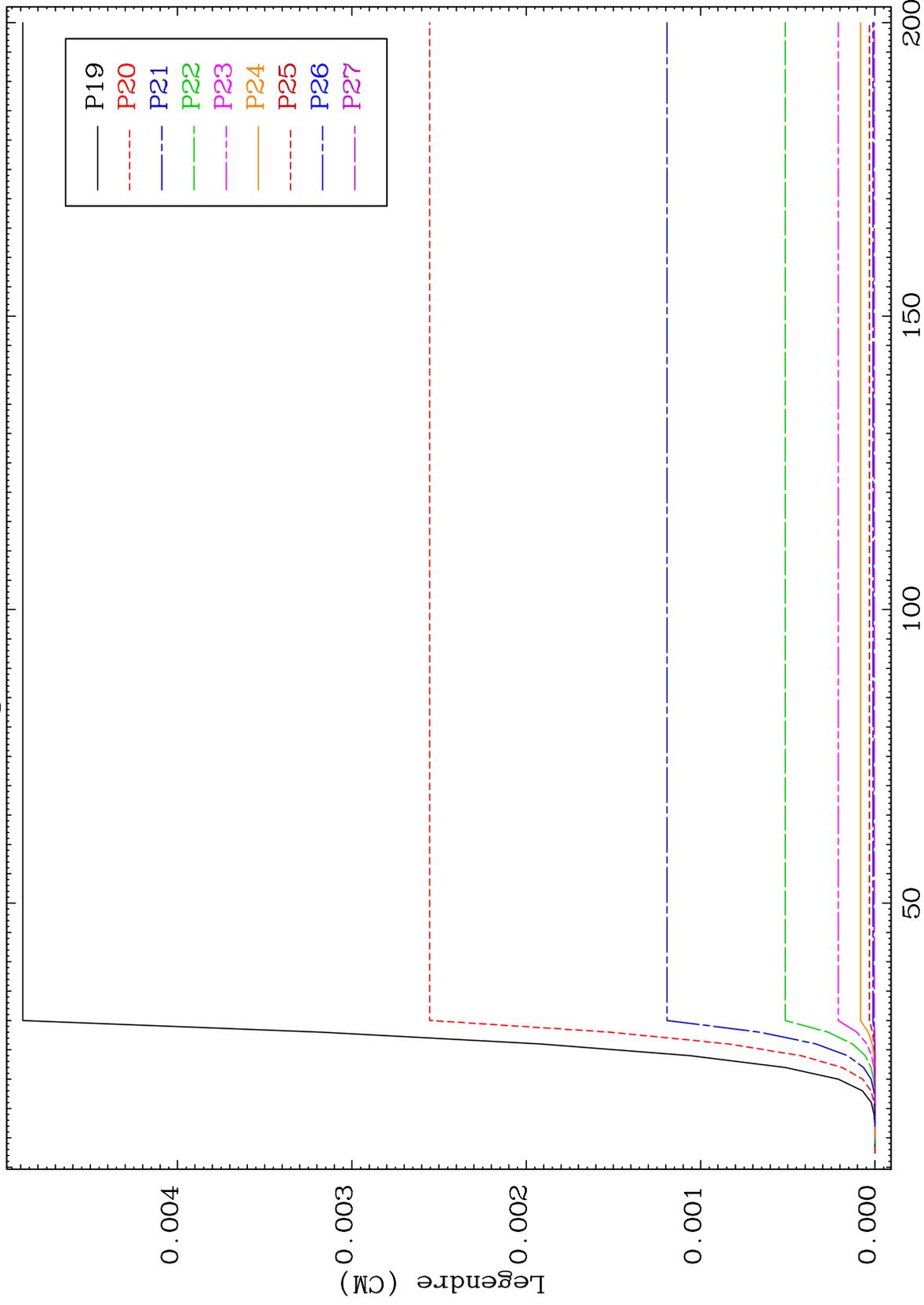
Incident Energy (MeV)

49-In-100

MAT 4886

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

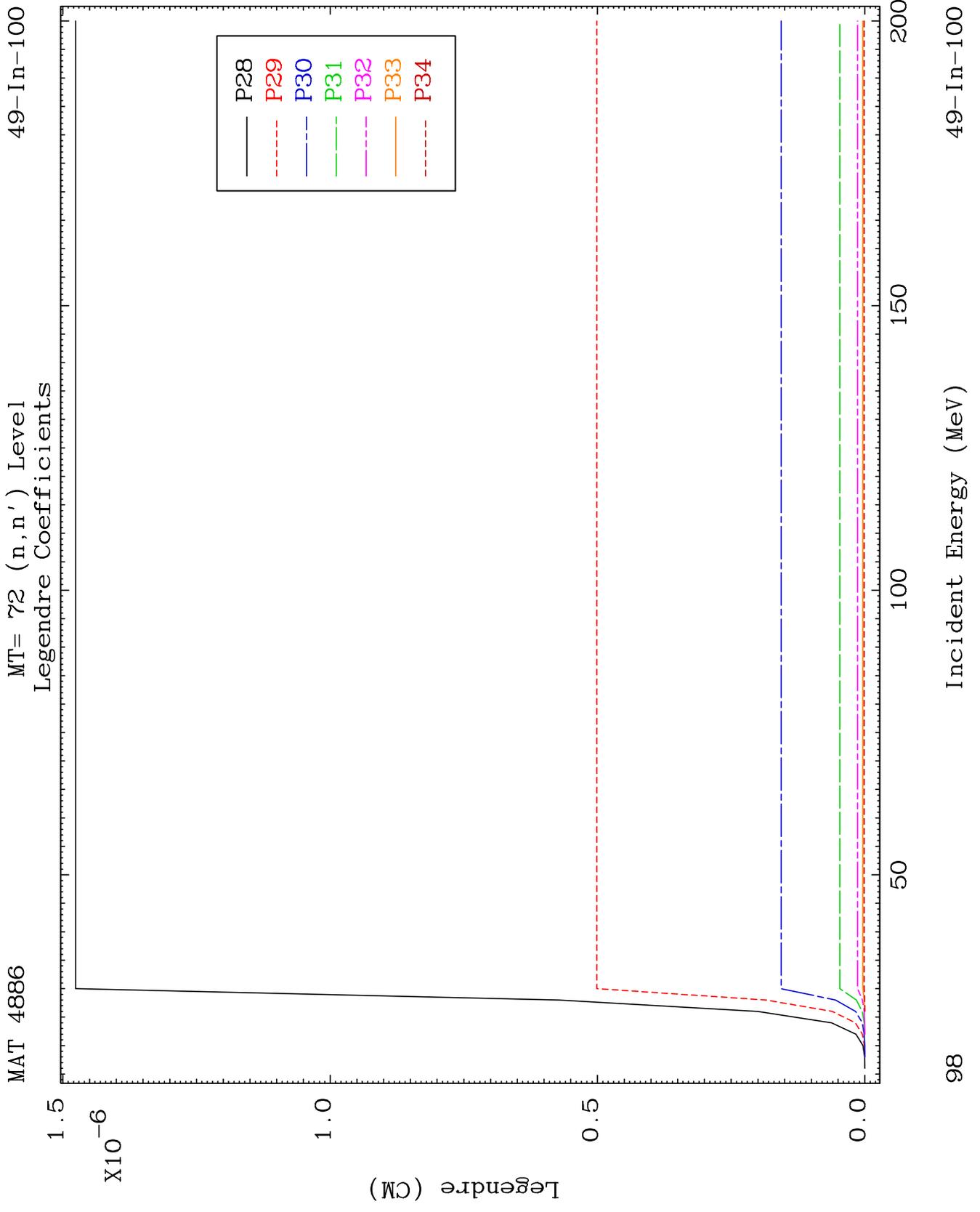
49-In-100

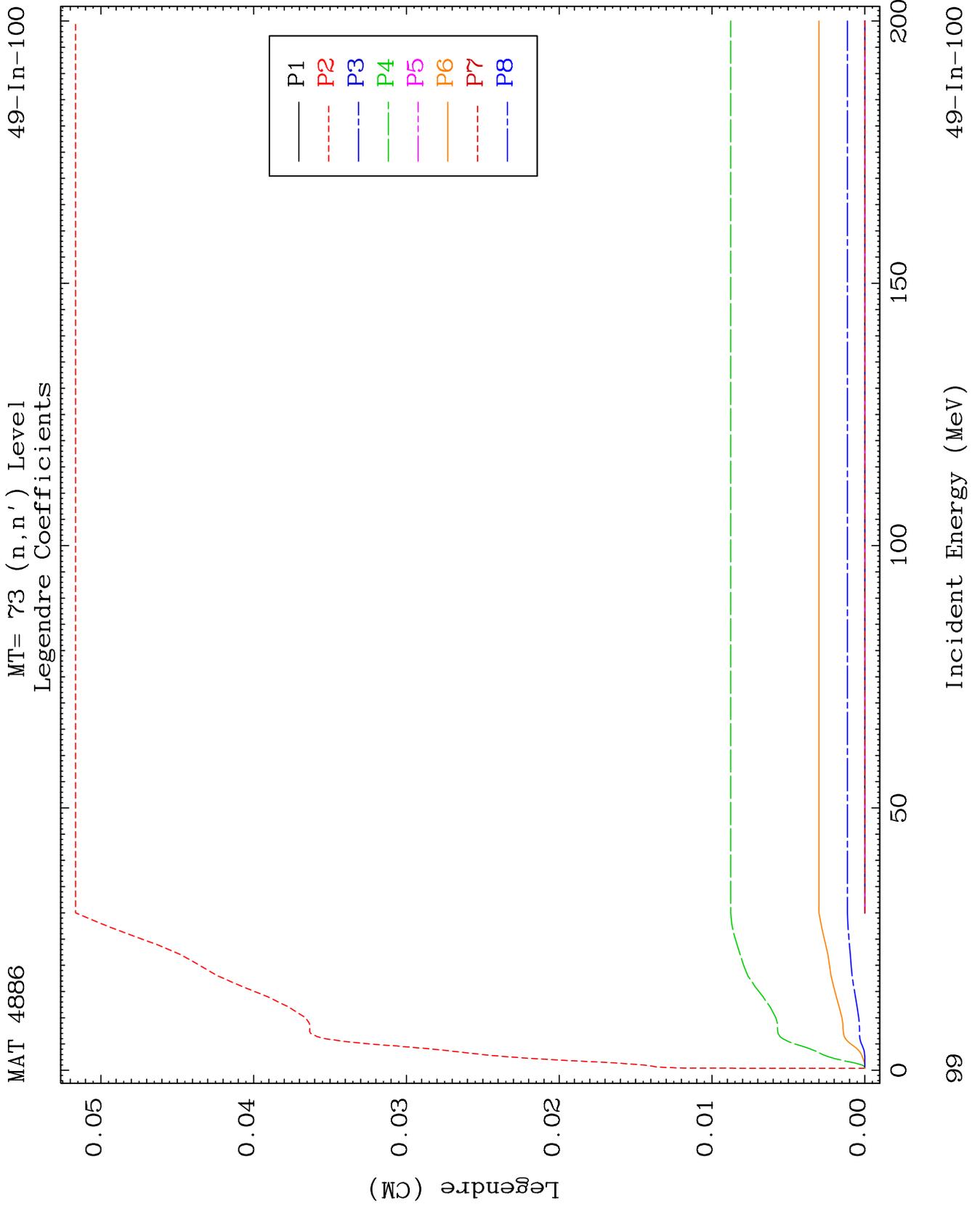


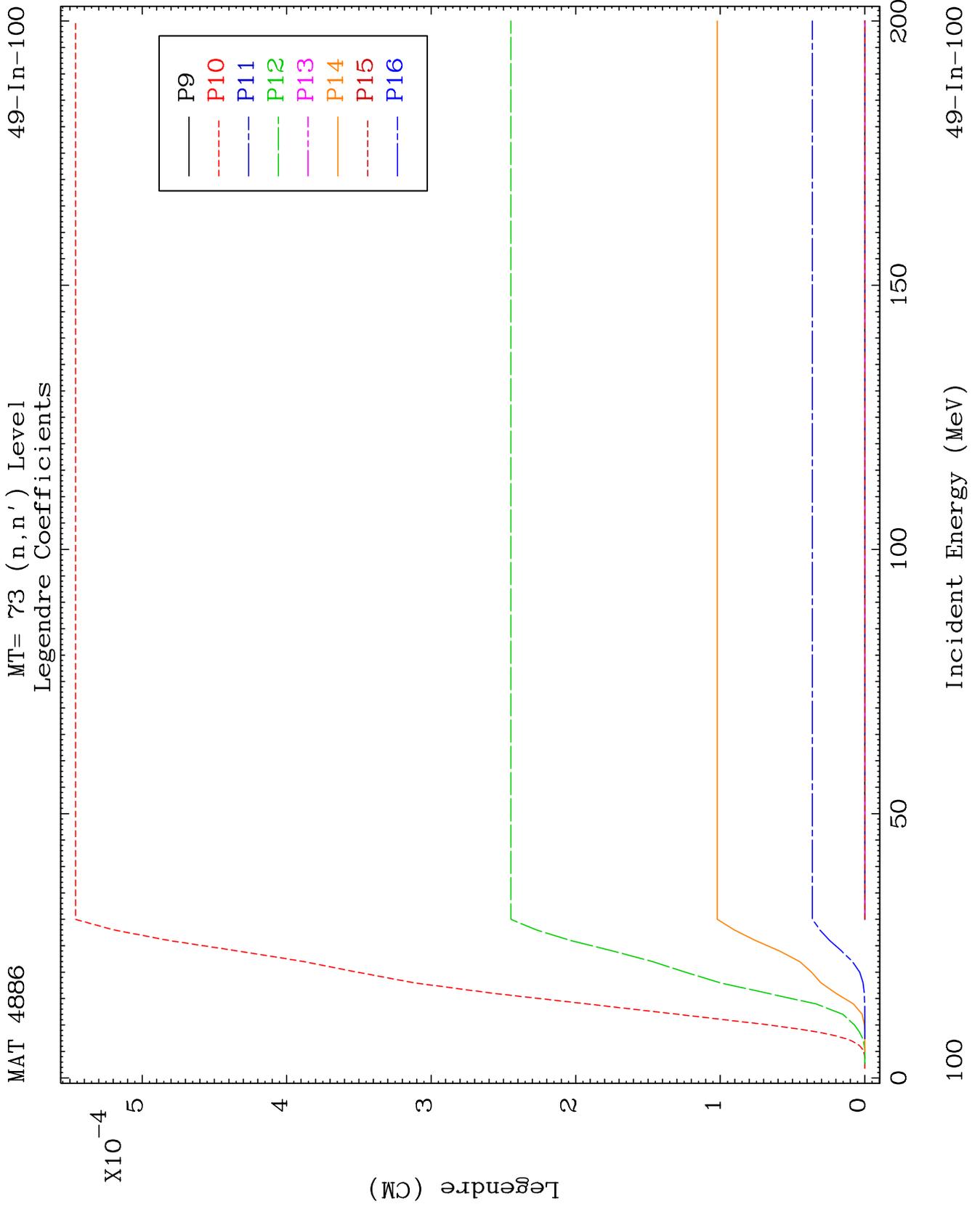
97

Incident Energy (MeV)

49-In-100







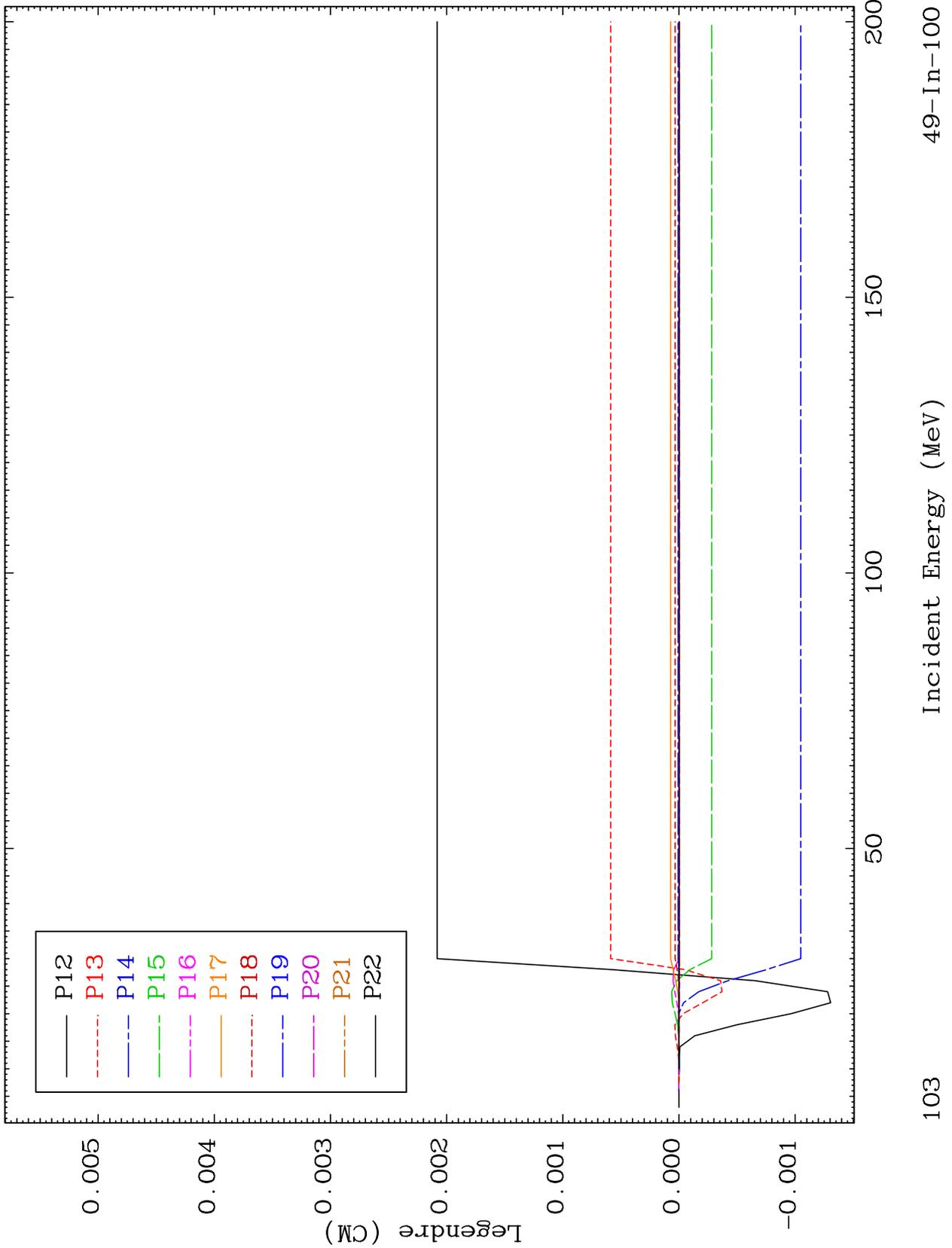


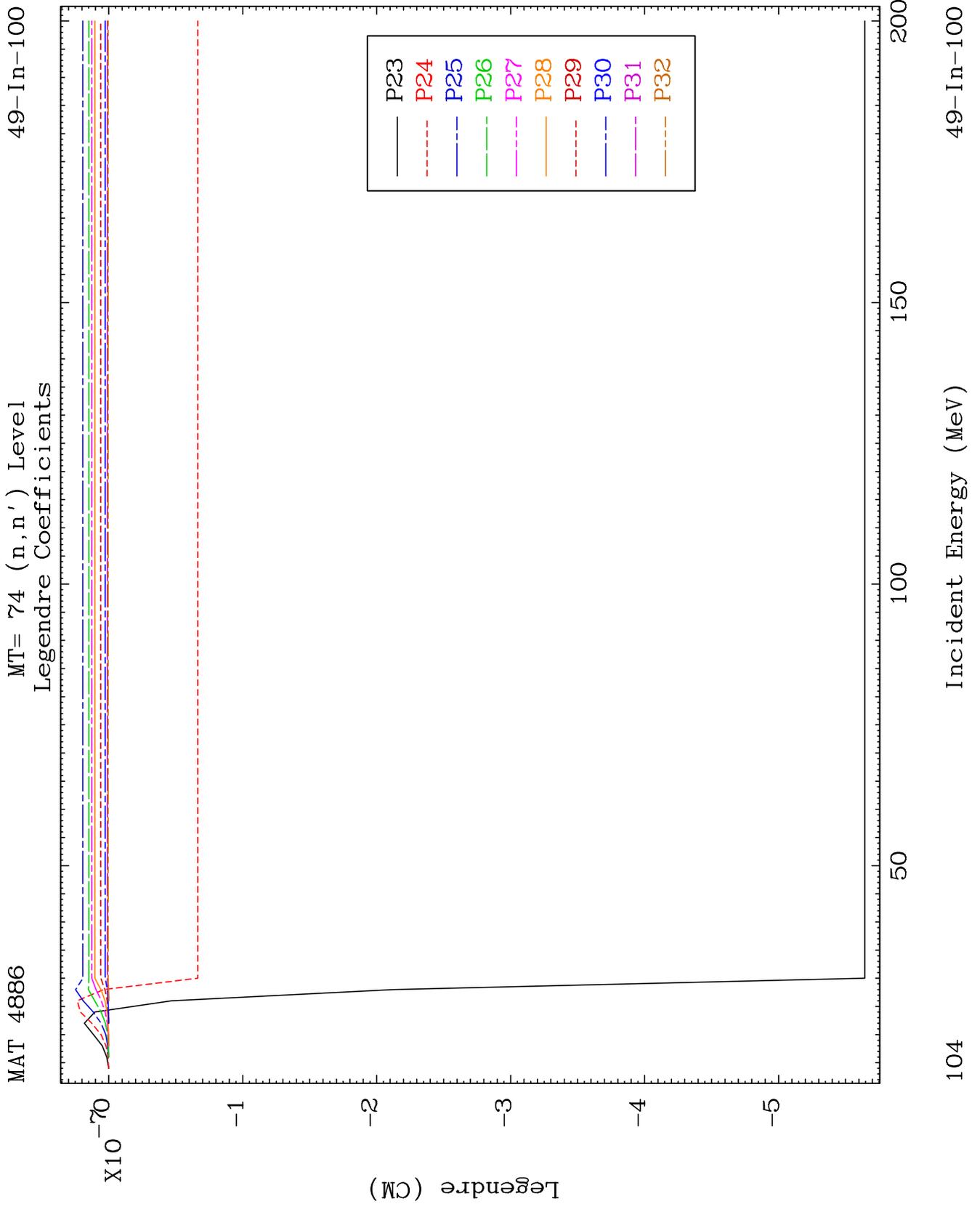


MAT 4886

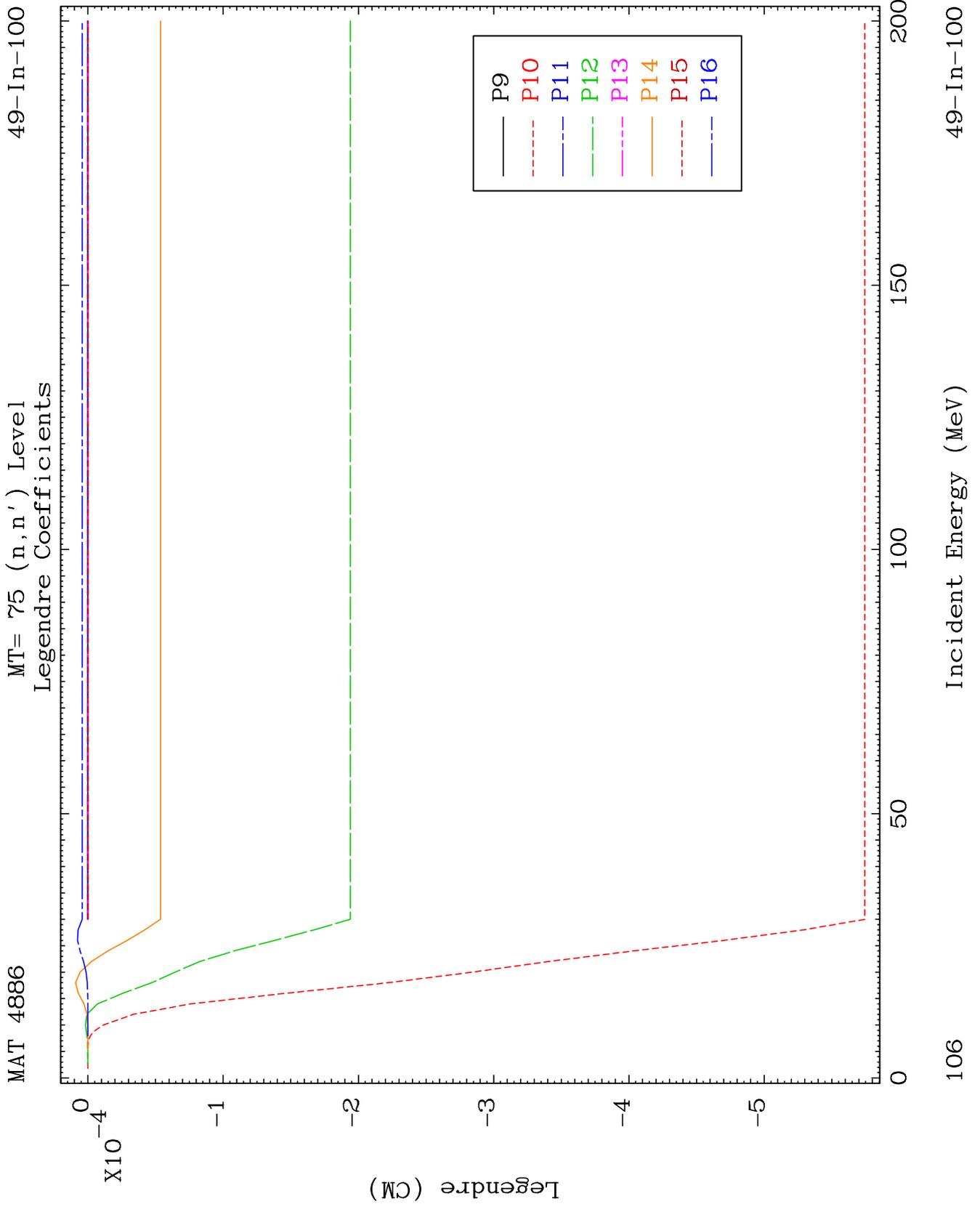
MT= 74 (n,n') Level  
Legendre Coefficients

49-In-100









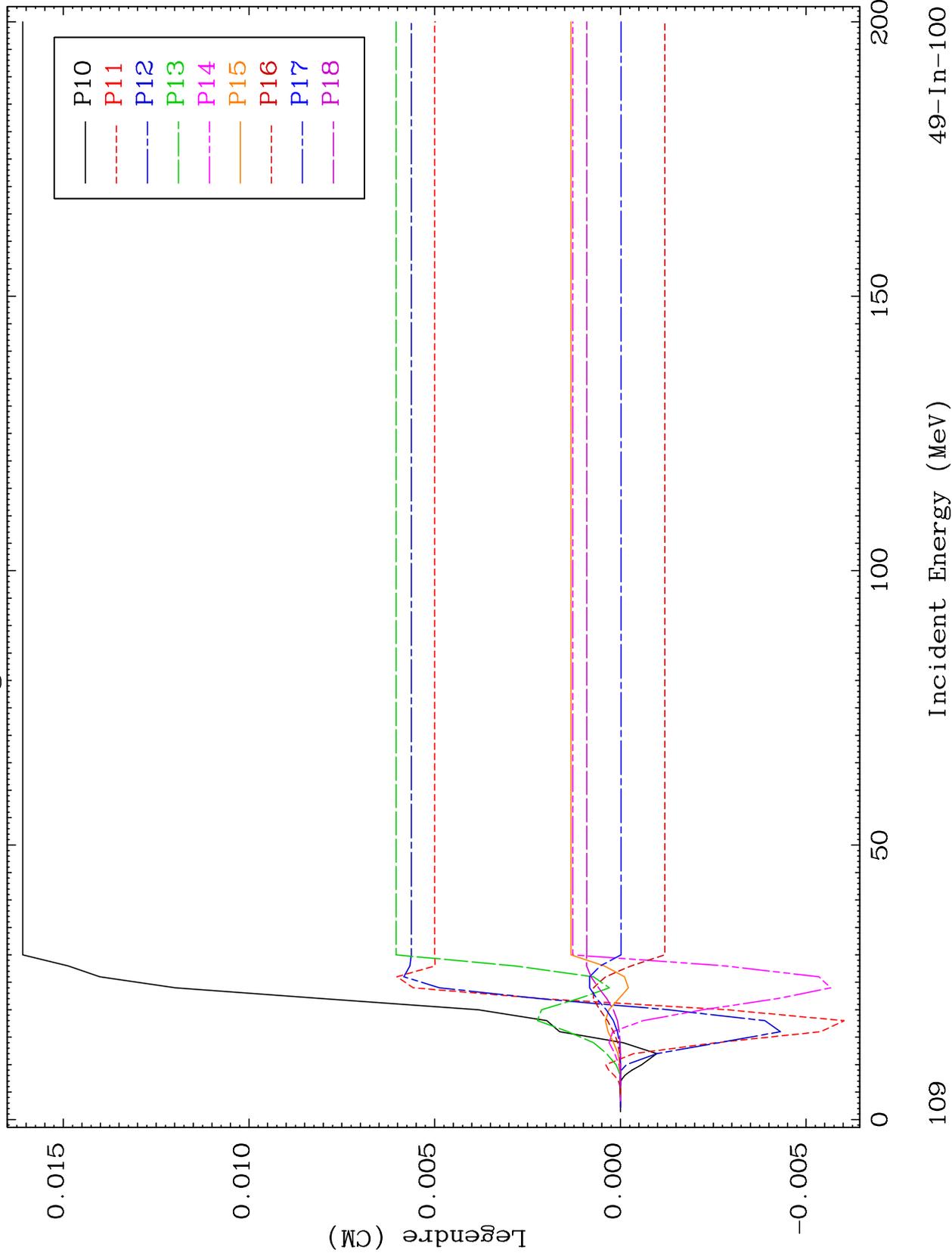




MAT 4886

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

49-In-100



109

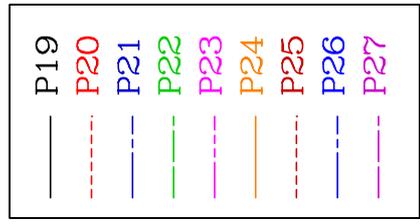
Incident Energy (MeV)

49-In-100

MAT 4886

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

49-In-100



$\times 10^{-3}$   
1.5

Legendre (CM)

1.0

0.5

0.0

50

100

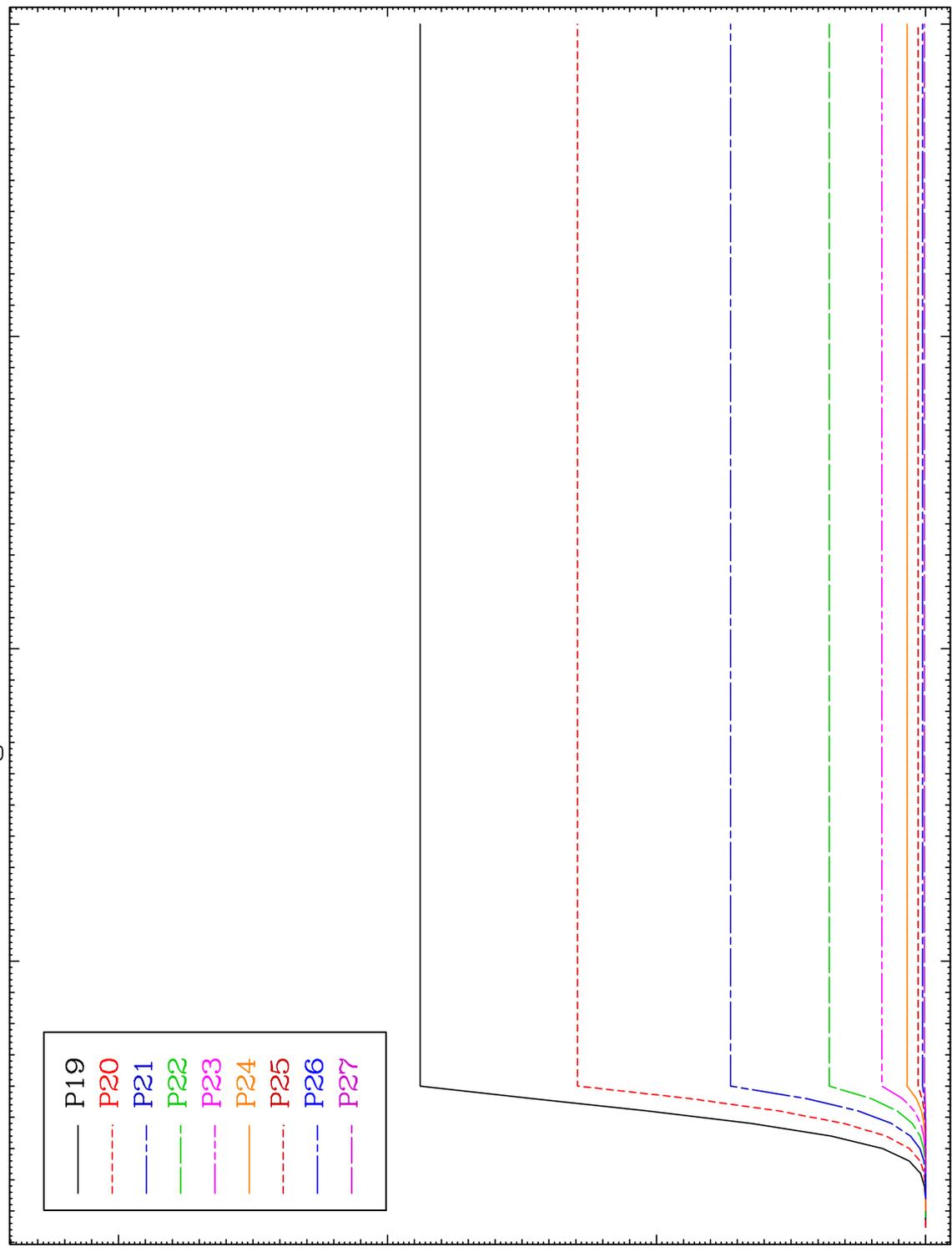
150

200

110

Incident Energy (MeV)

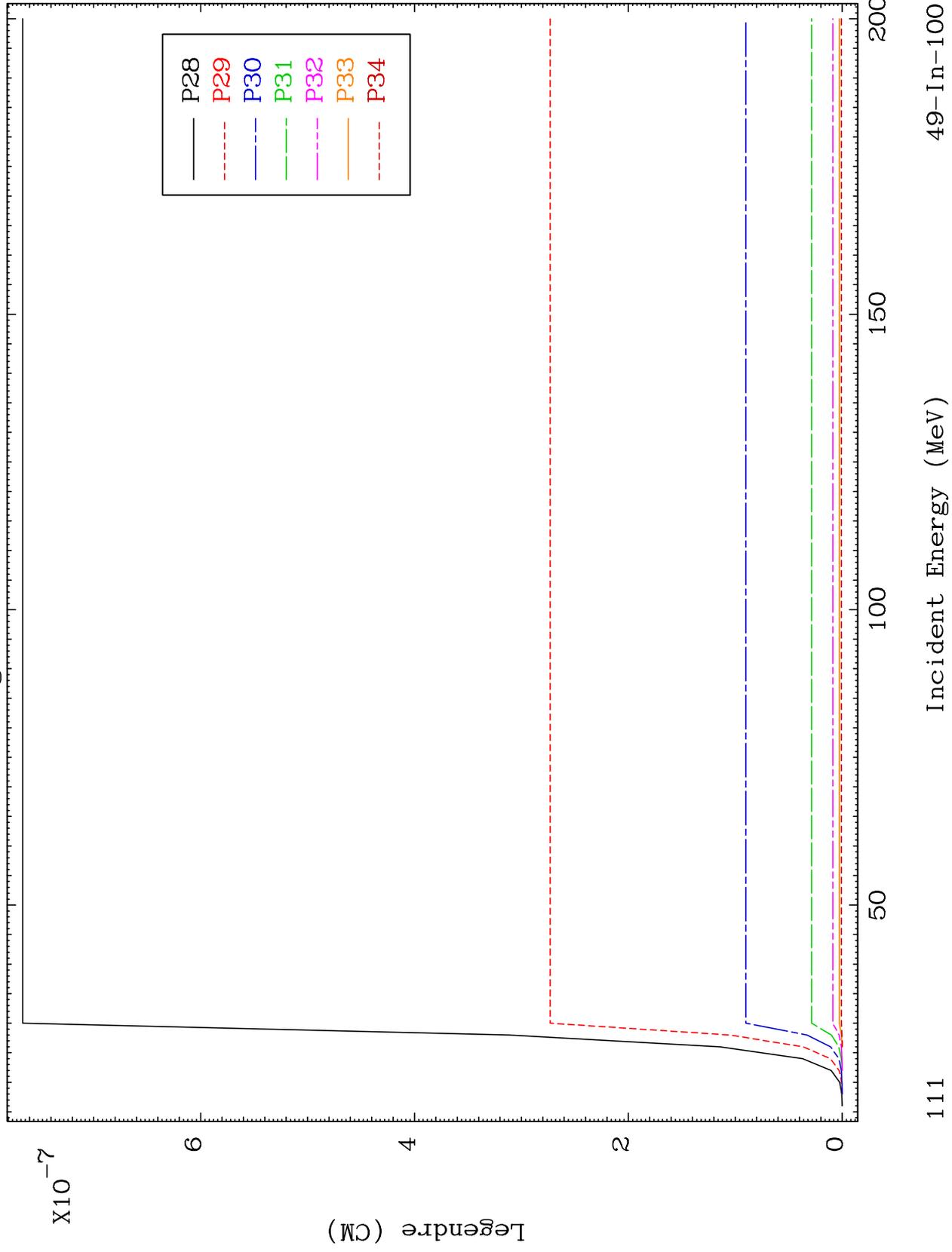
49-In-100

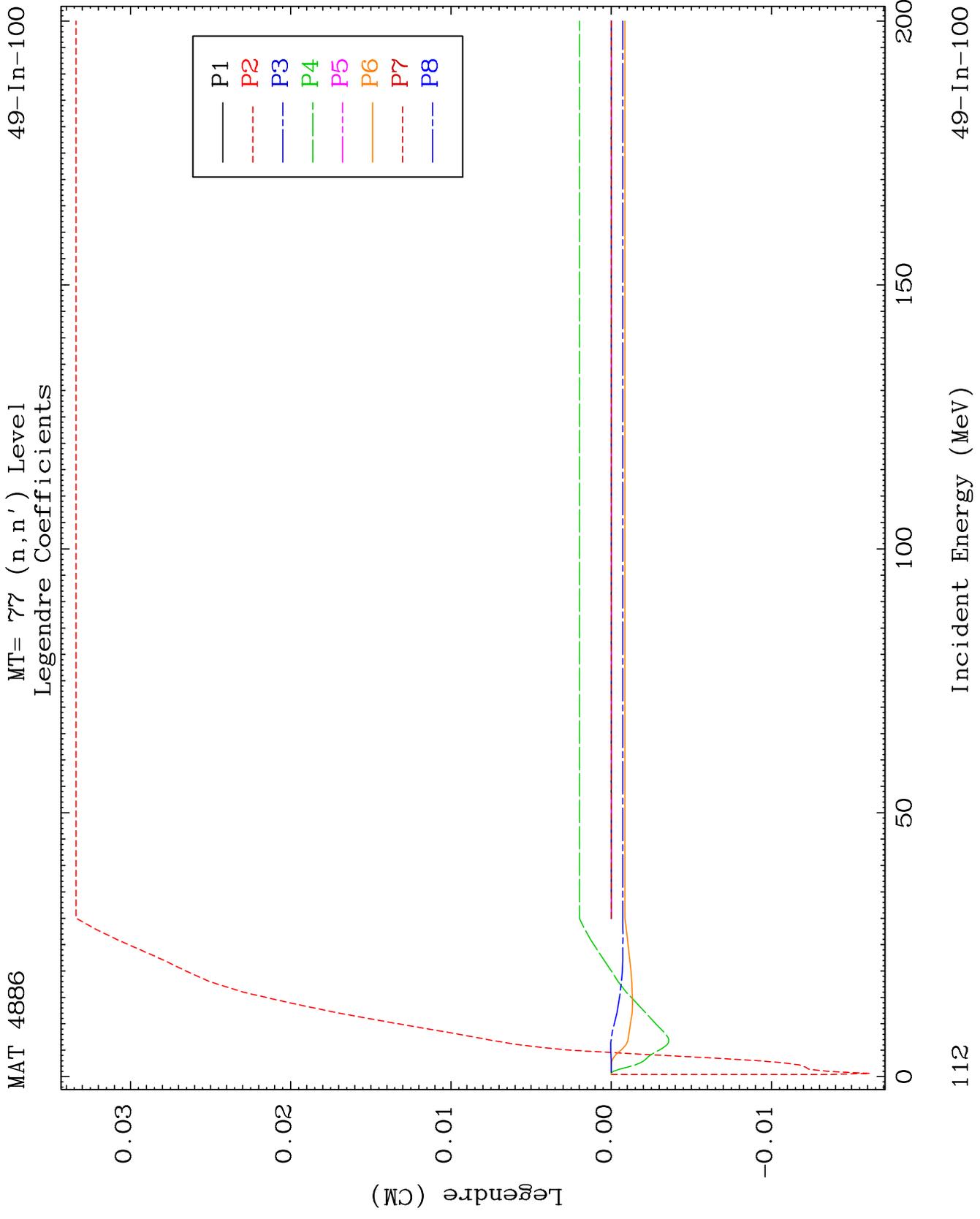


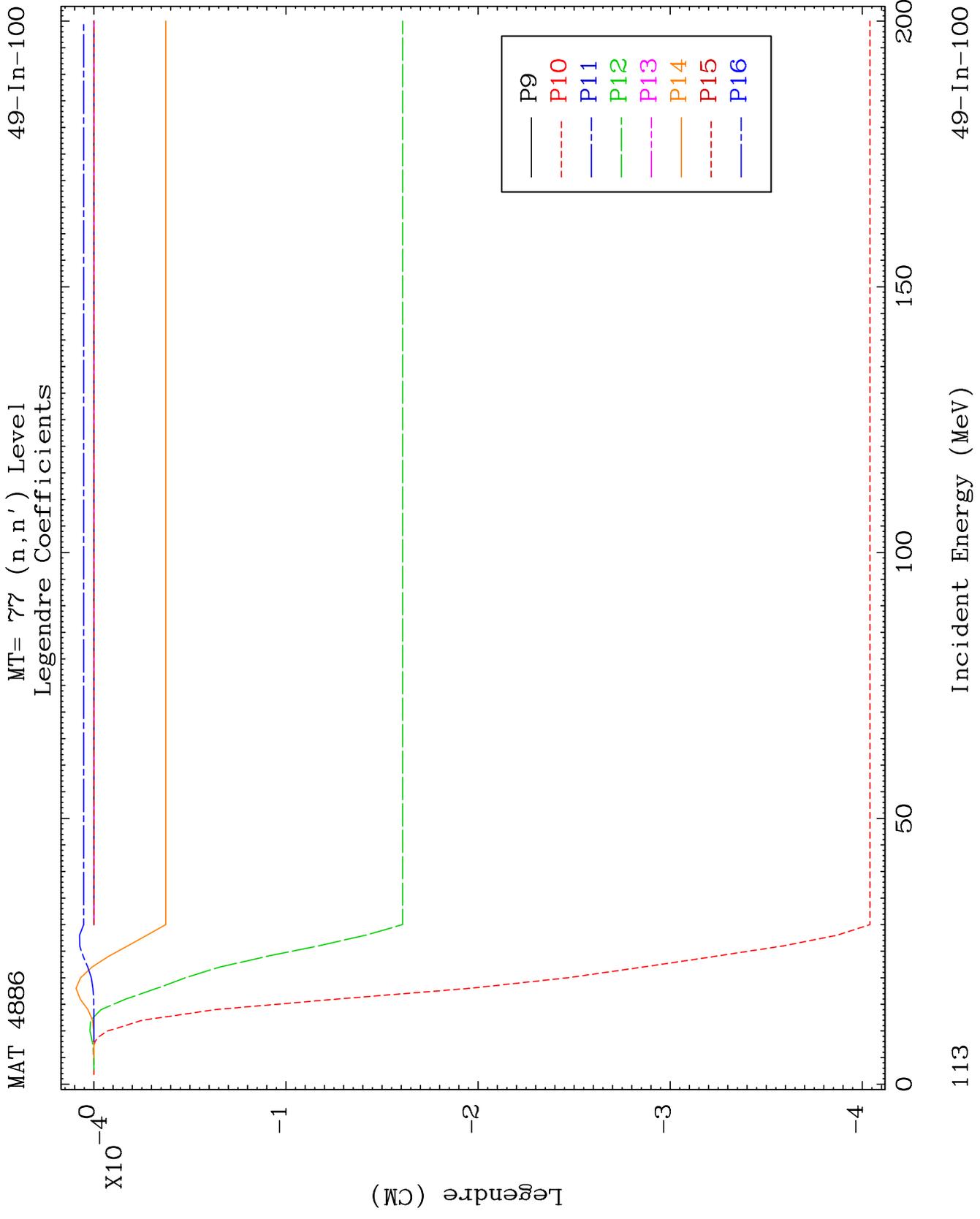
MAT 4886

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

49-In-100

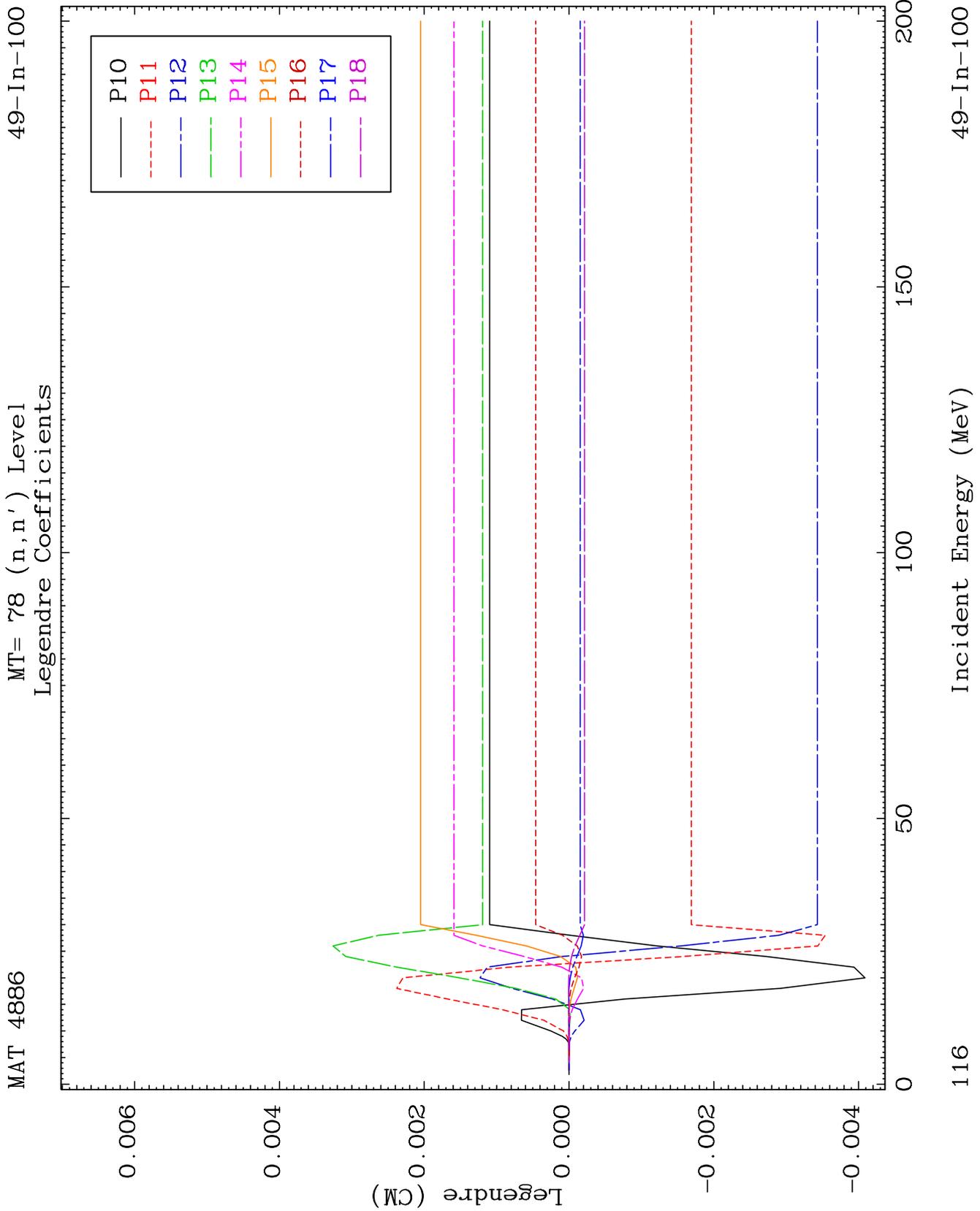


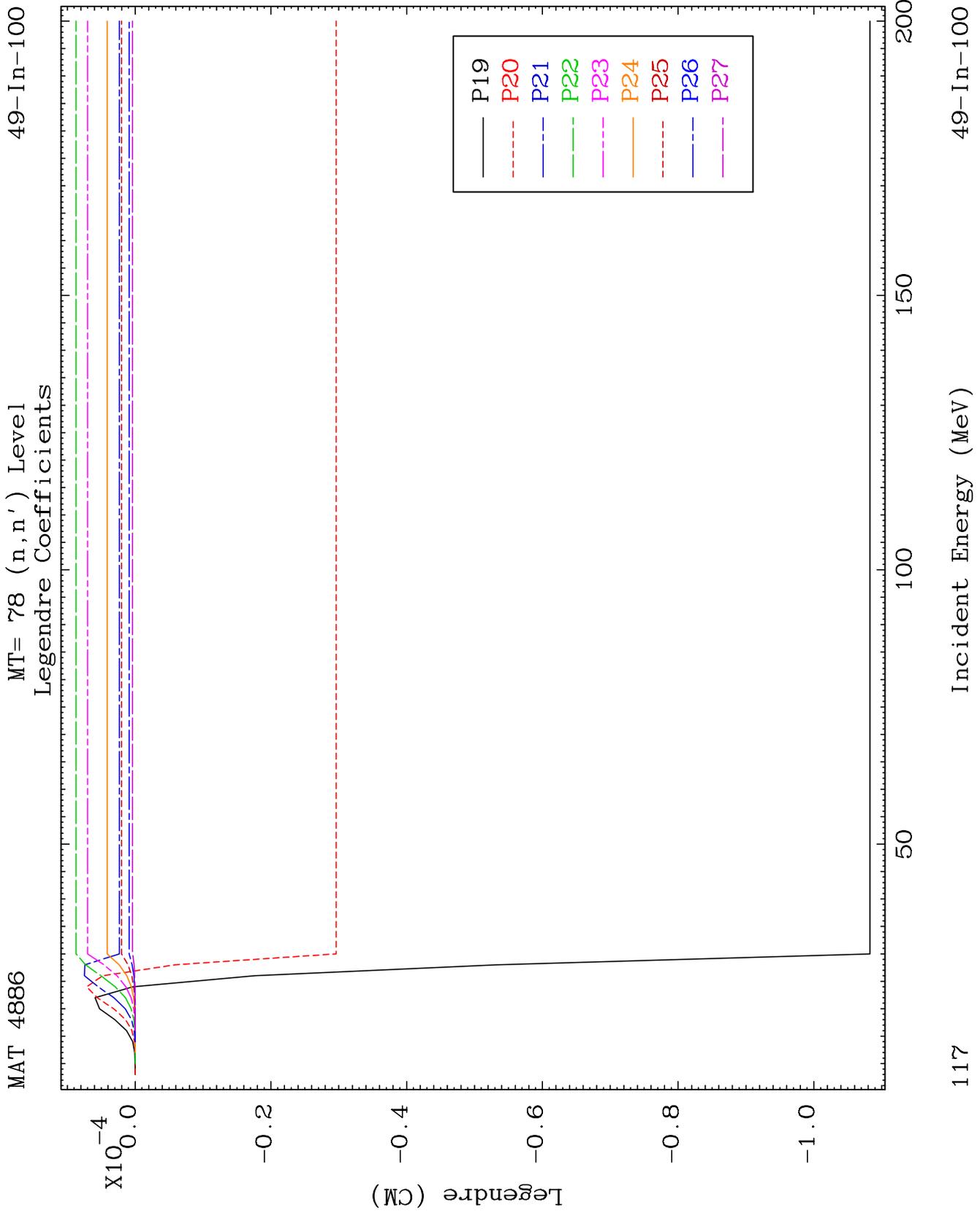








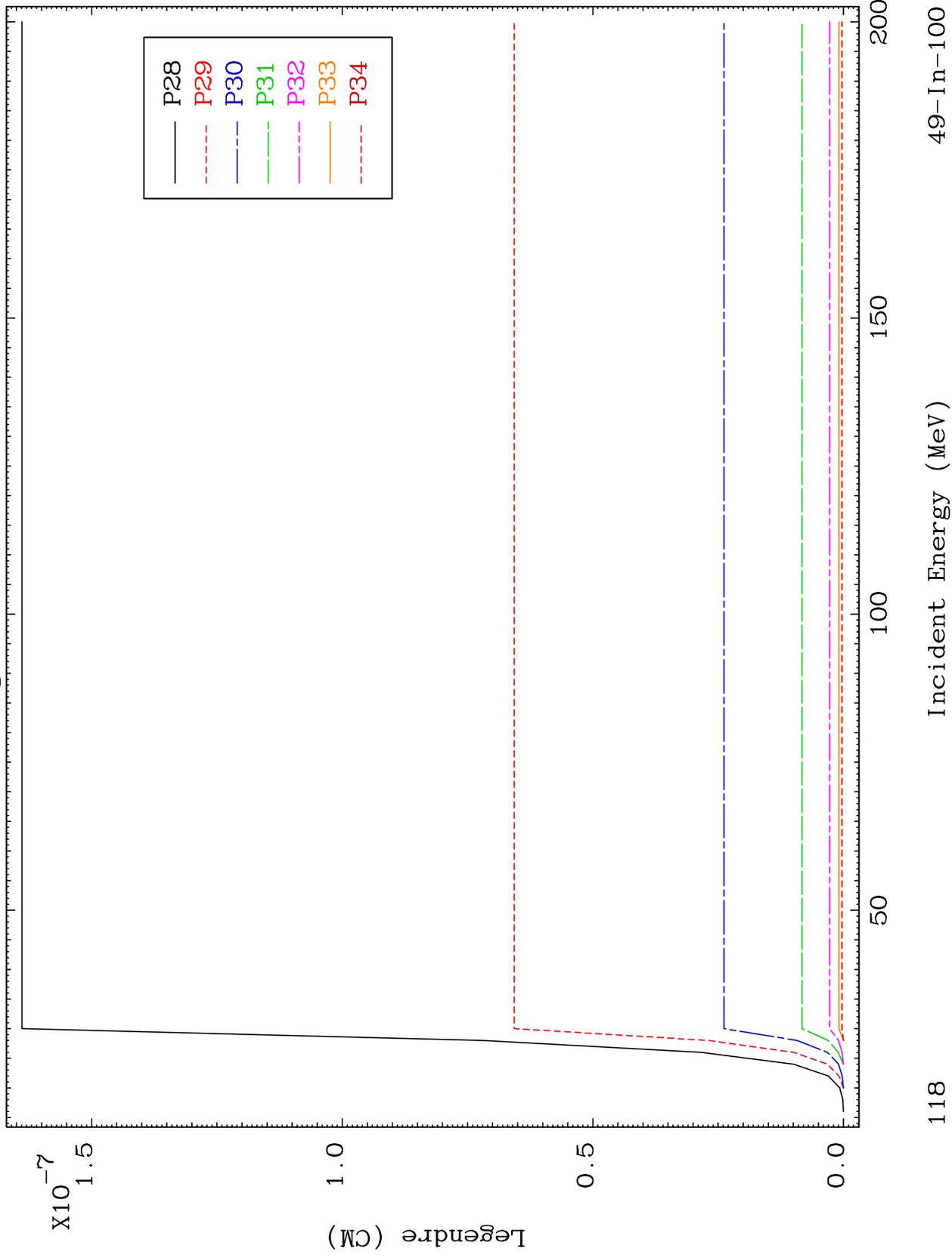




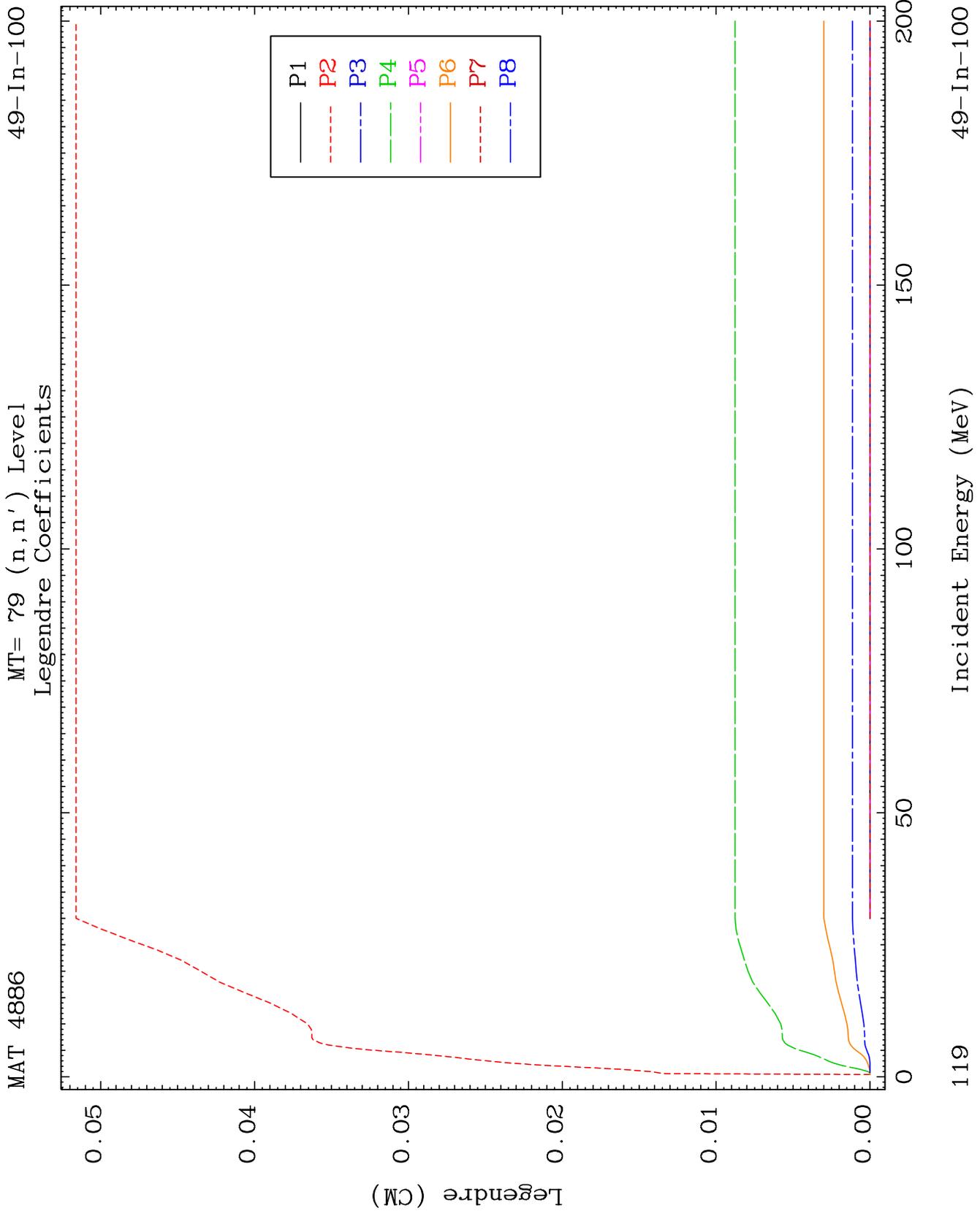
MAT 4886

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

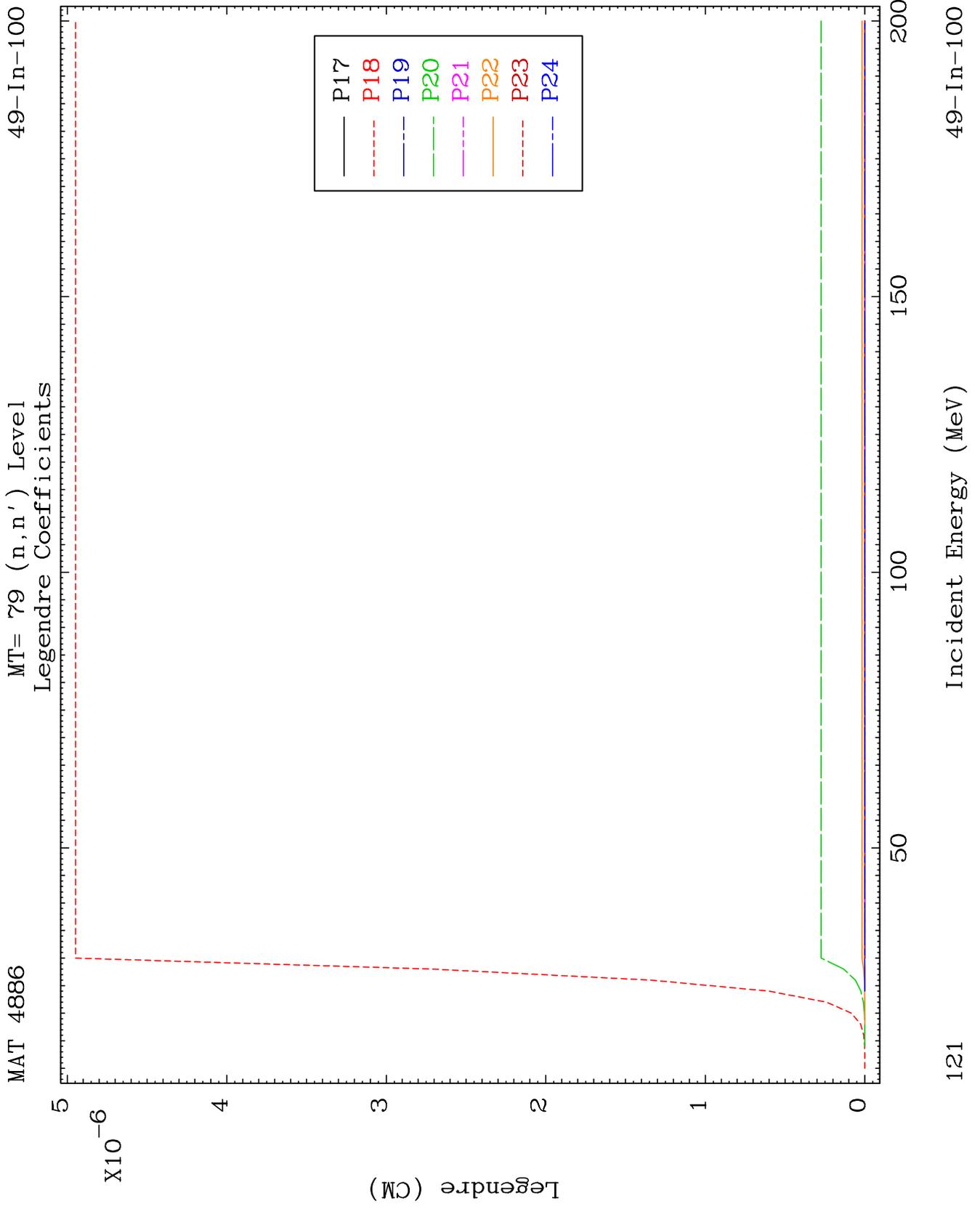
49-In-100

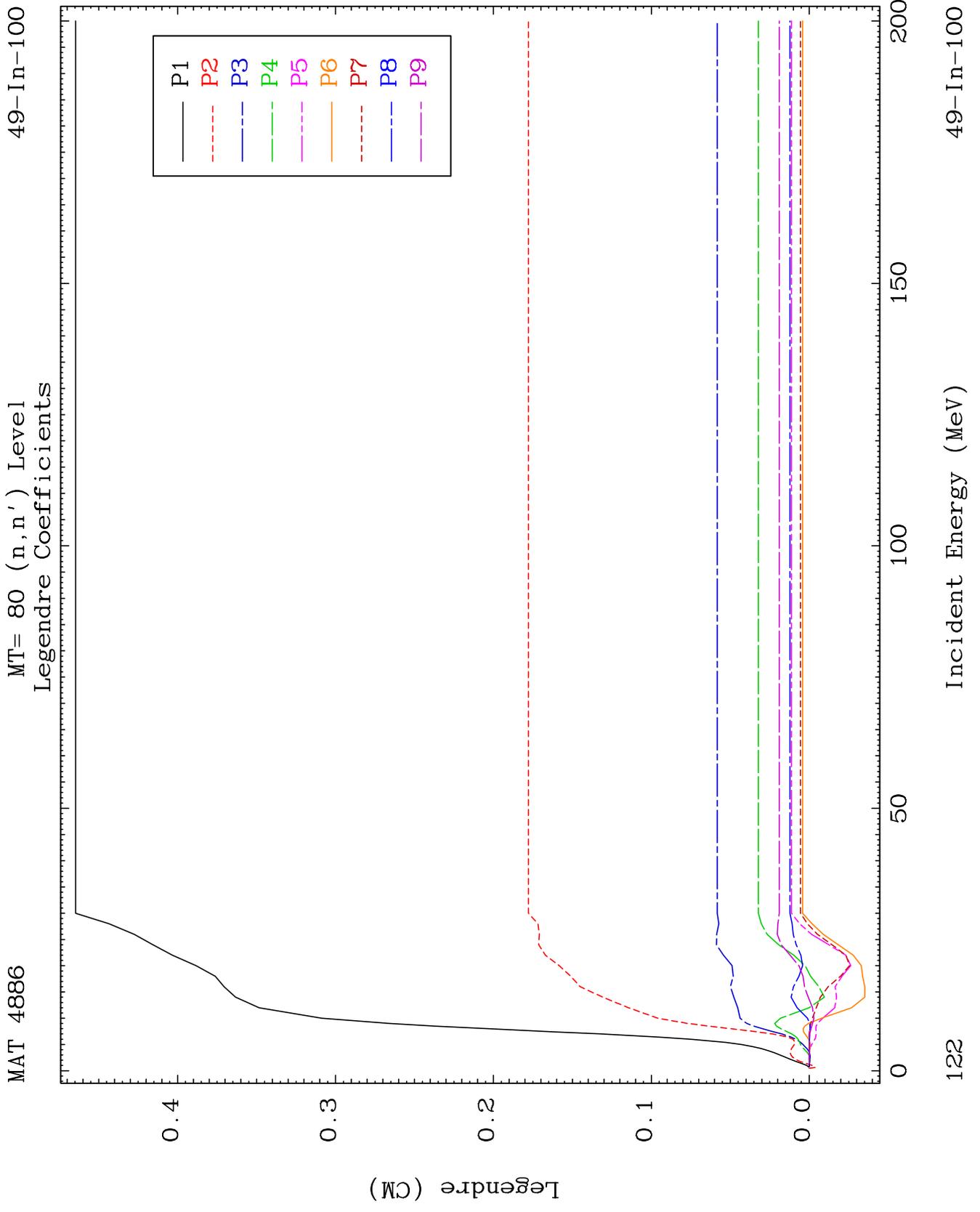


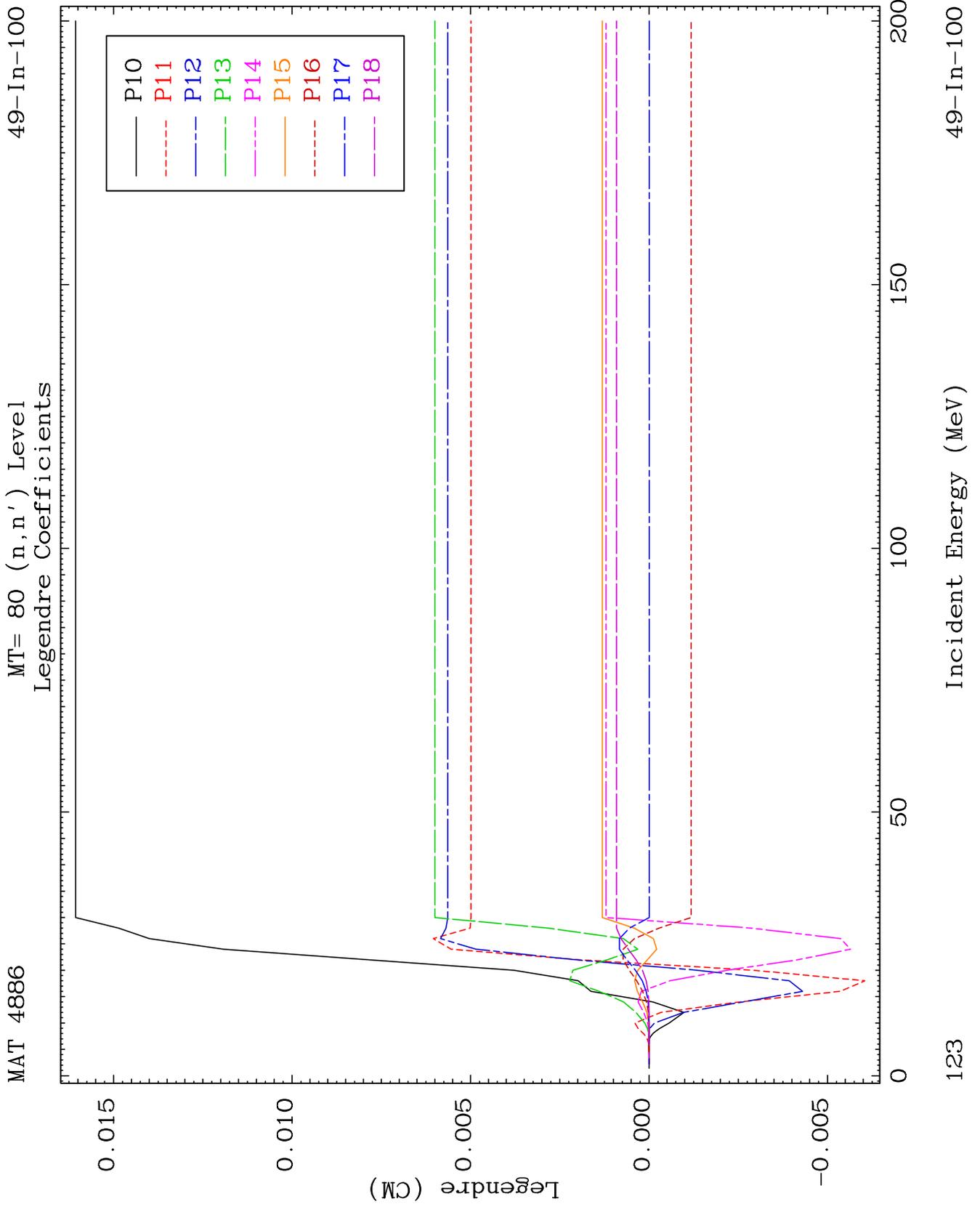
118







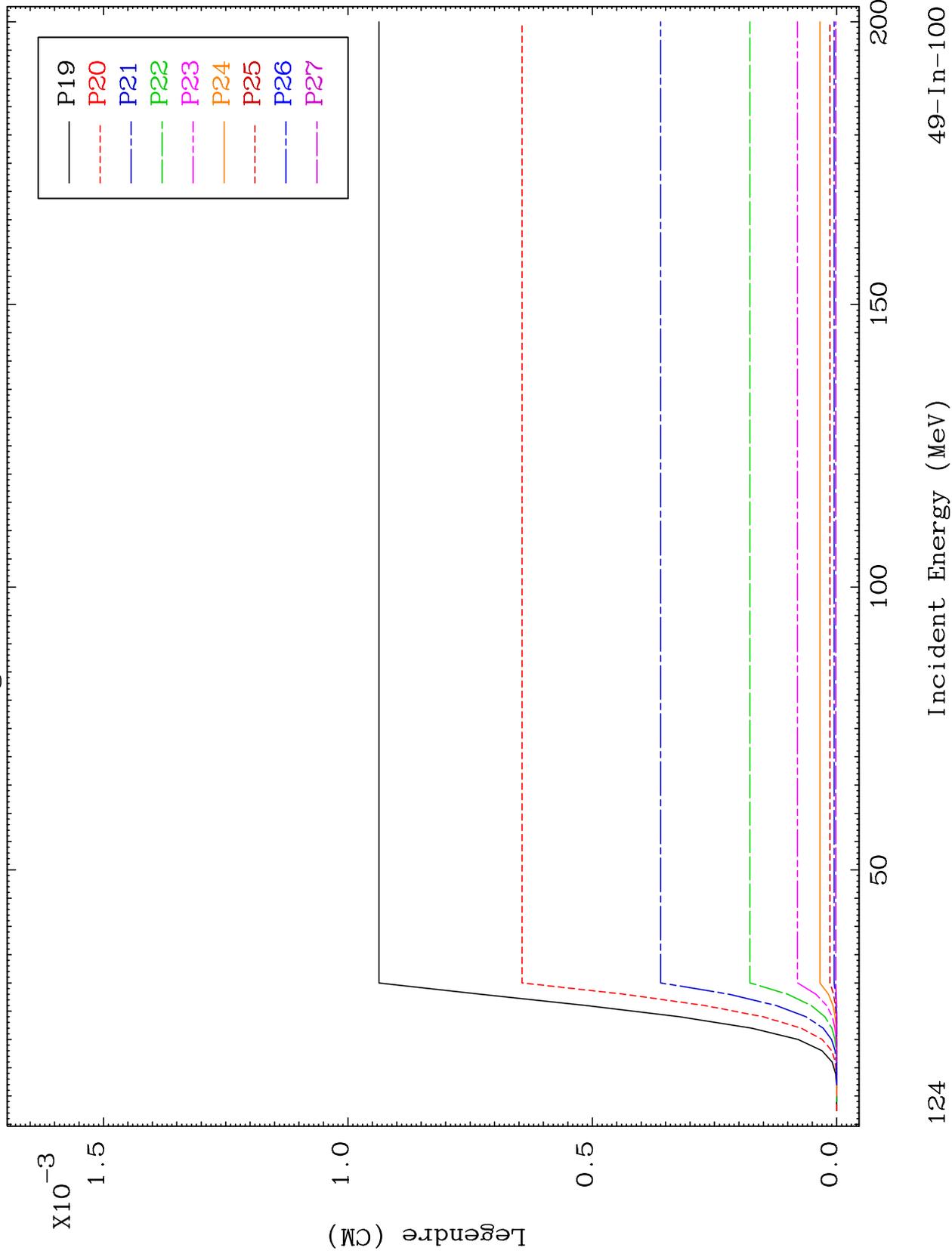




MAT 4886

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

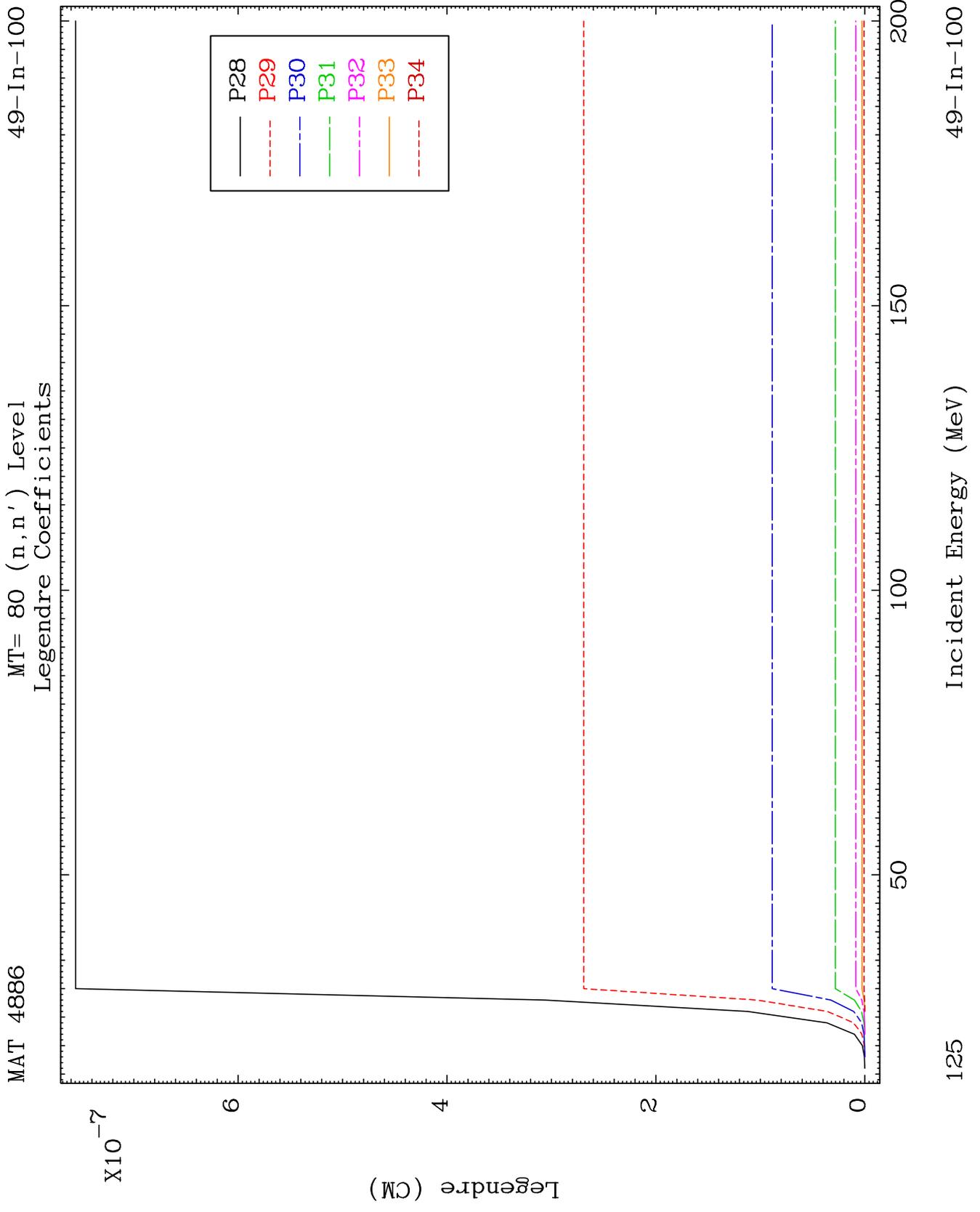
49-In-100



124

Incident Energy (MeV)

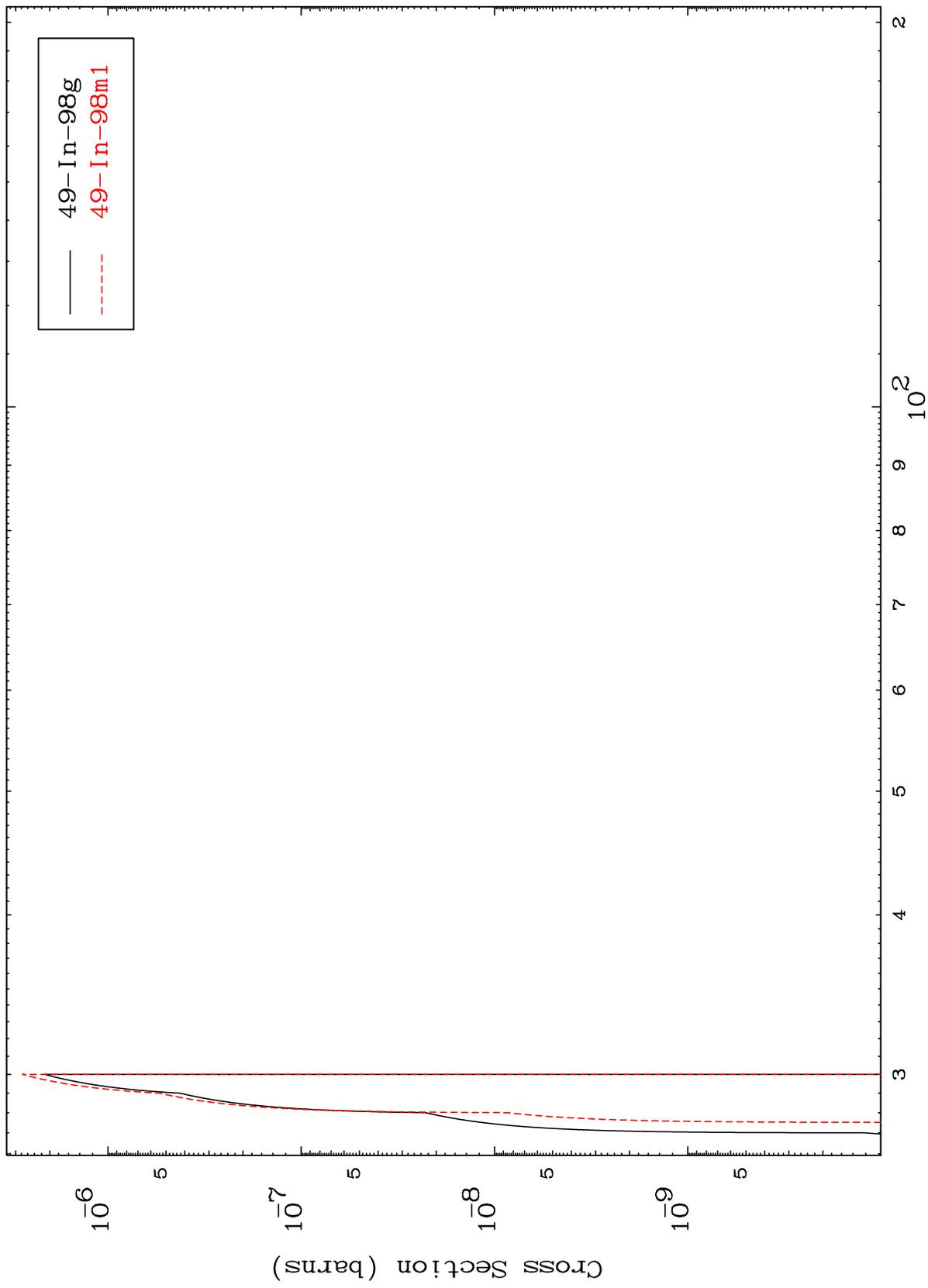
49-In-100



MAT 4886

49-In-100

(n,3n)  
Radionuclide Production Cross Section



126

49-In-100

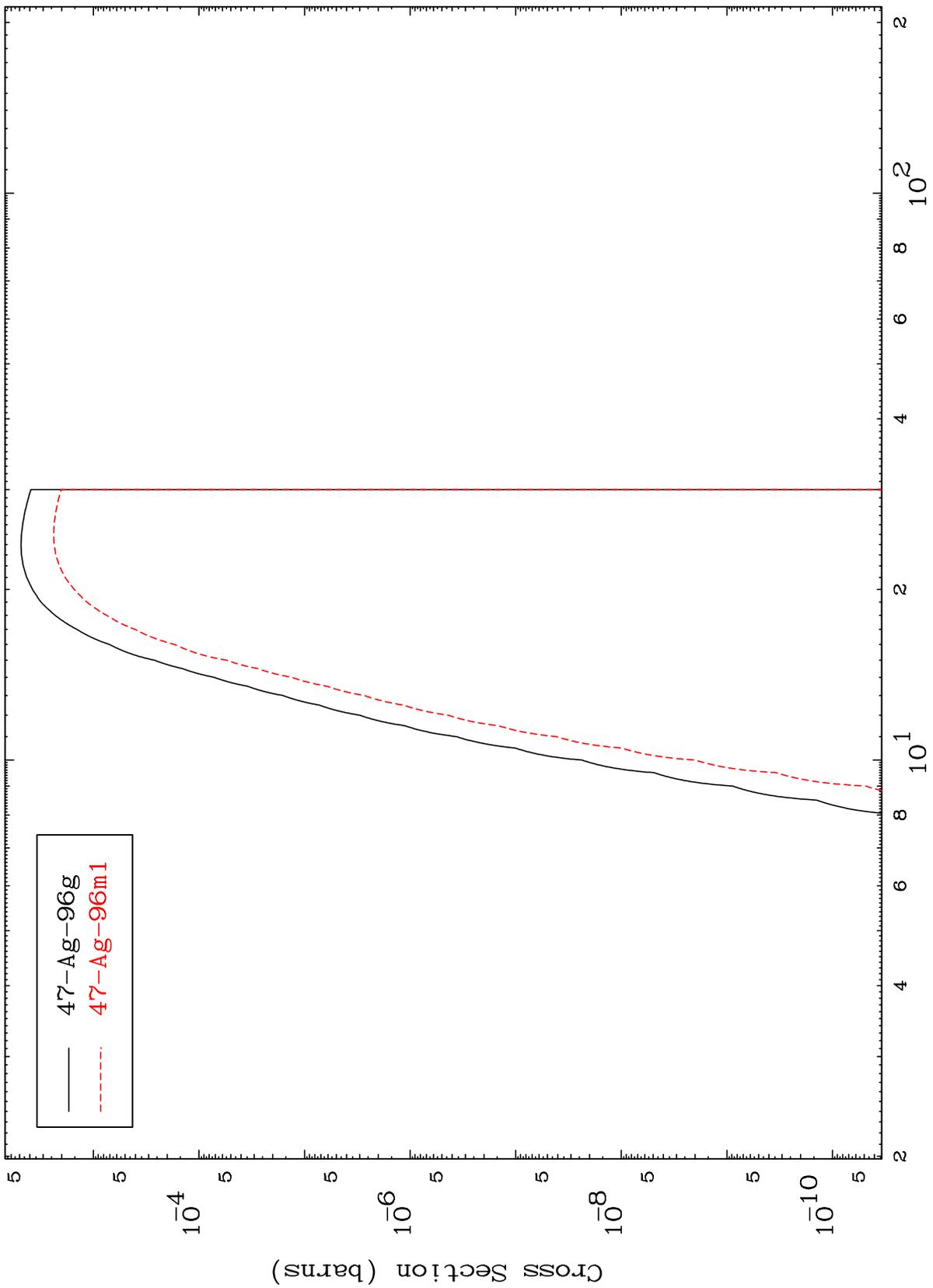
Incident Energy (MeV)

MAT 4886

(n,n')  $\alpha$

49-In-100

Radionuclide Production Cross Section



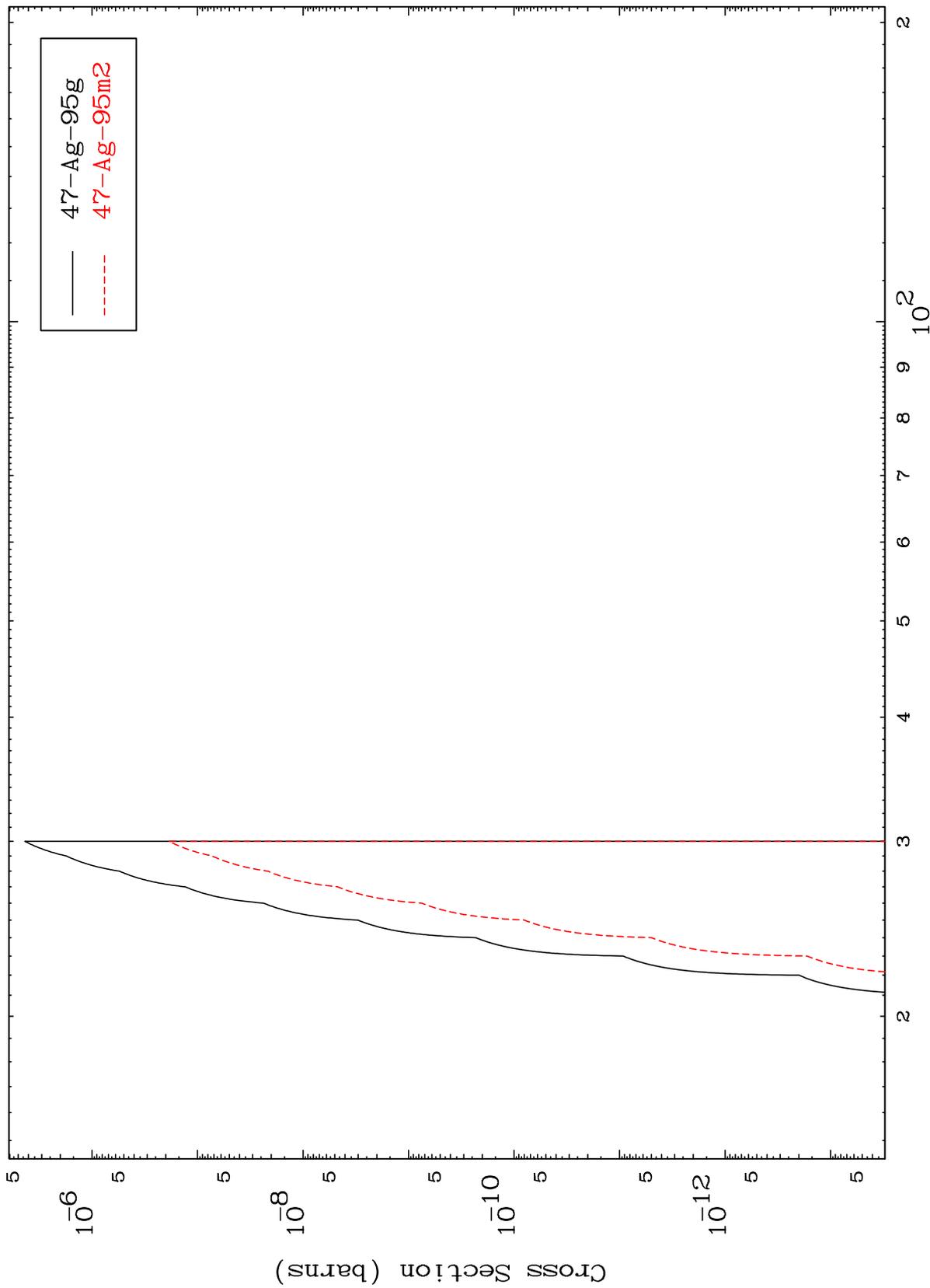
— 47-Ag-96g  
- - - 47-Ag-96m1

MAT 4886

(n,2n)  $\alpha$

49-In-100

Radionuclide Production Cross Section



128

Incident Energy (MeV)

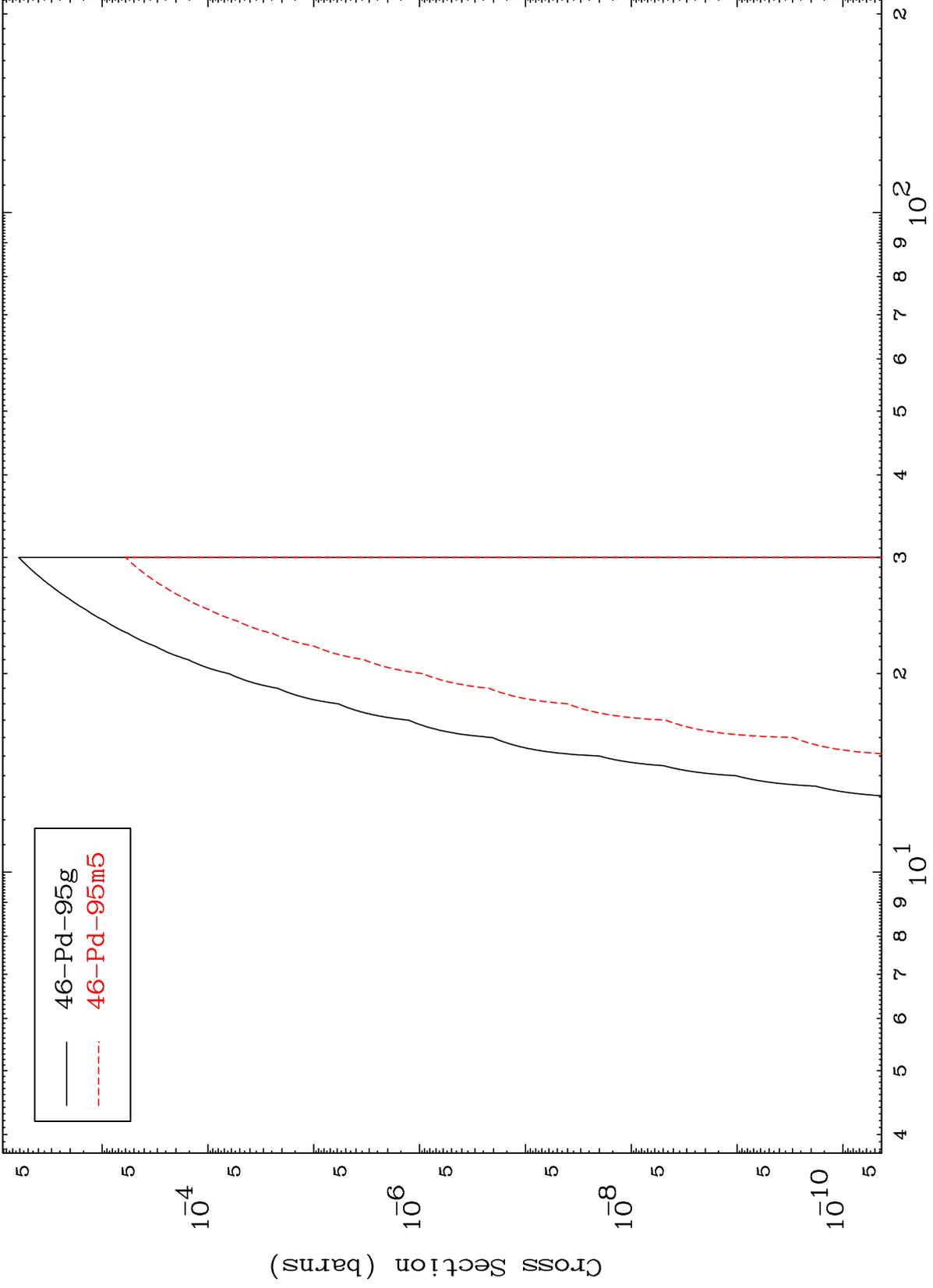
49-In-100

MAT 4886

(n,n') p  $\alpha$

49-In-100

Radionuclide Production Cross Section



— 46-Pd-95g  
- - - 46-Pd-95m5

129

Incident Energy (MeV)

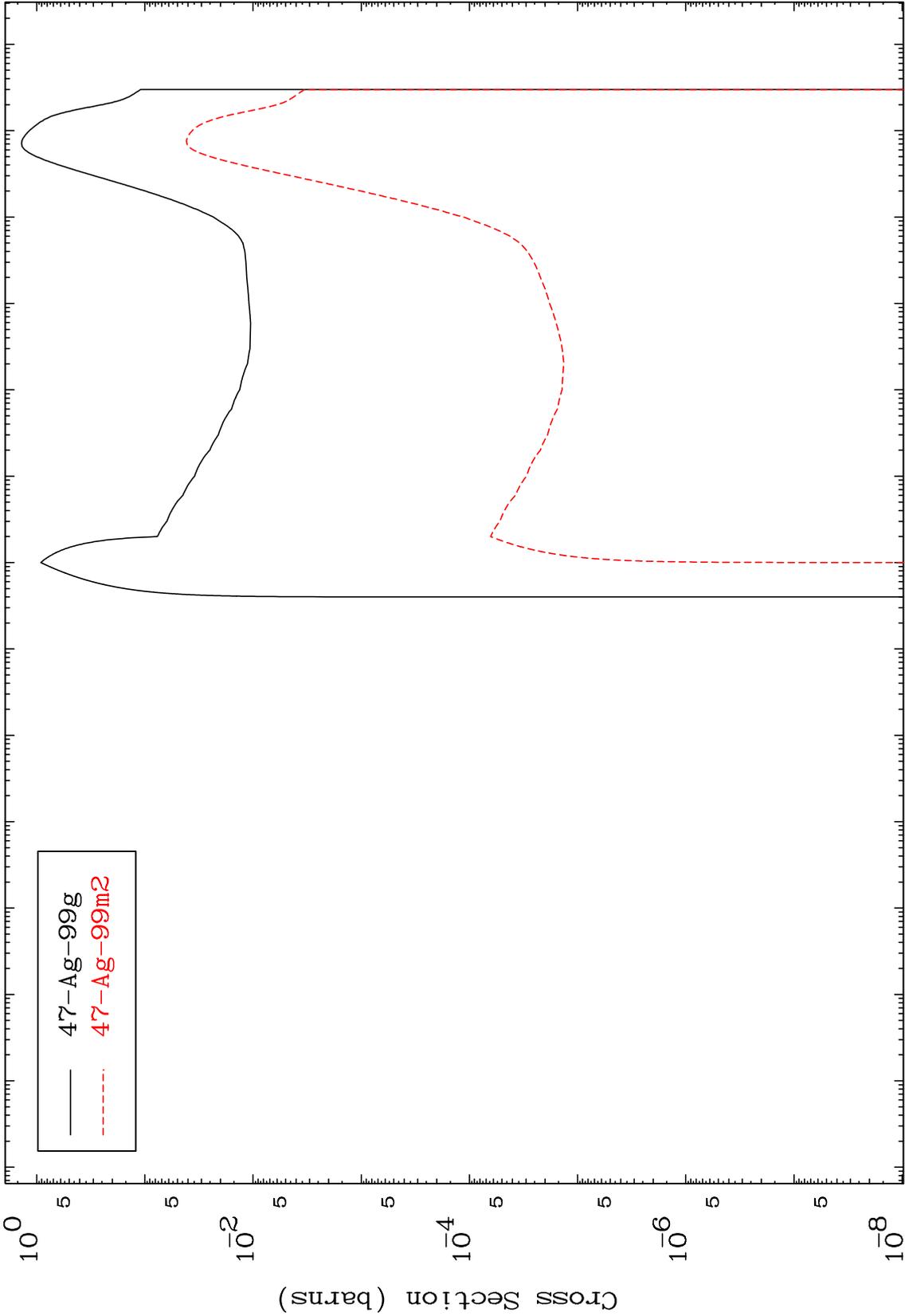
49-In-100

MAT 4886

(n,2p)

49-In-100

Radionuclide Production Cross Section



— 47-Ag-99g  
- - - 47-Ag-99m2

130

Incident Energy (MeV)

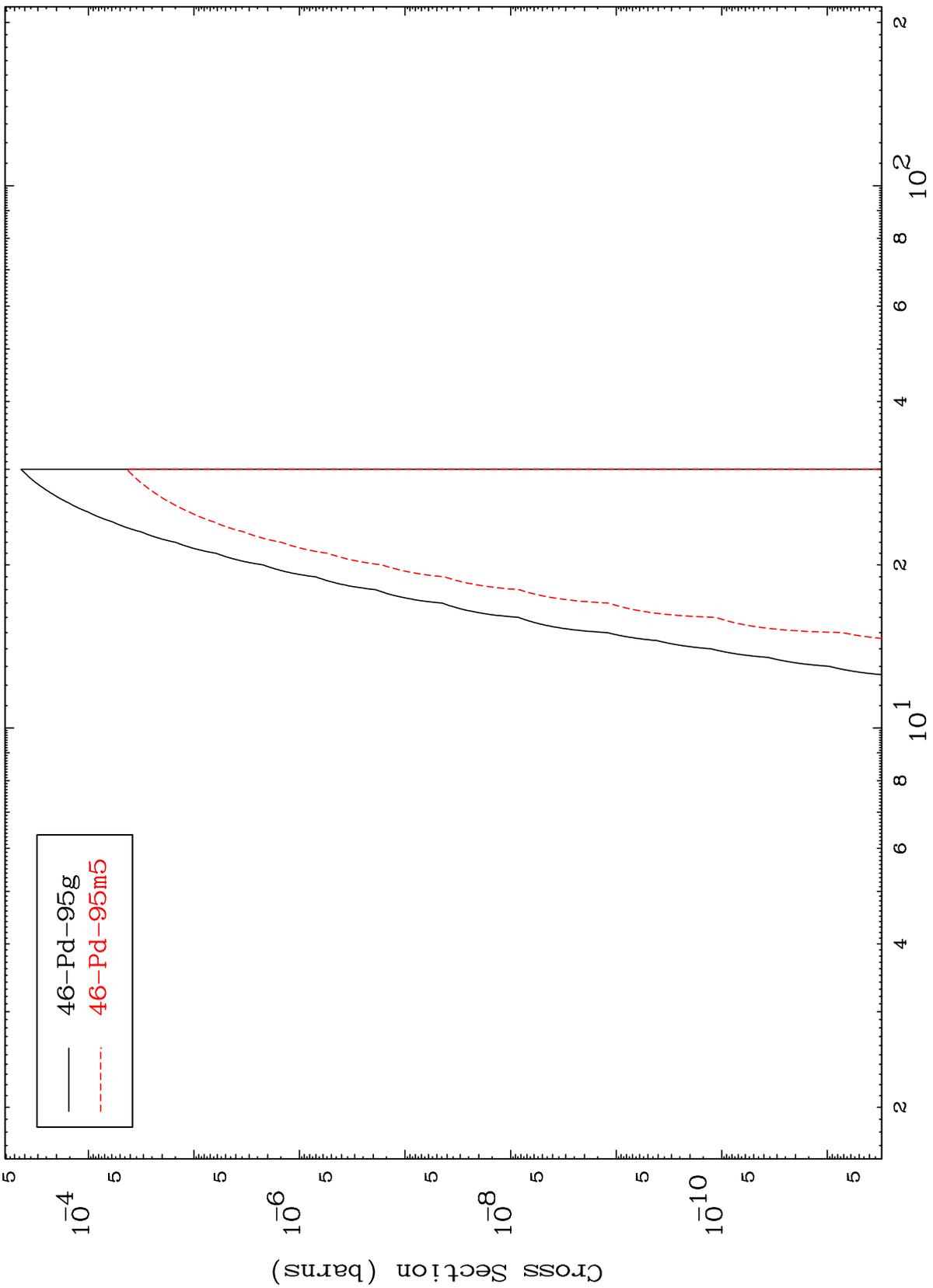
49-In-100

MAT 4886

(n,d)  $\alpha$

49-In-100

Radionuclide Production Cross Section



131

Incident Energy (MeV)

49-In-100