

Program EVALPLOT  
(Version 2021-1)

by

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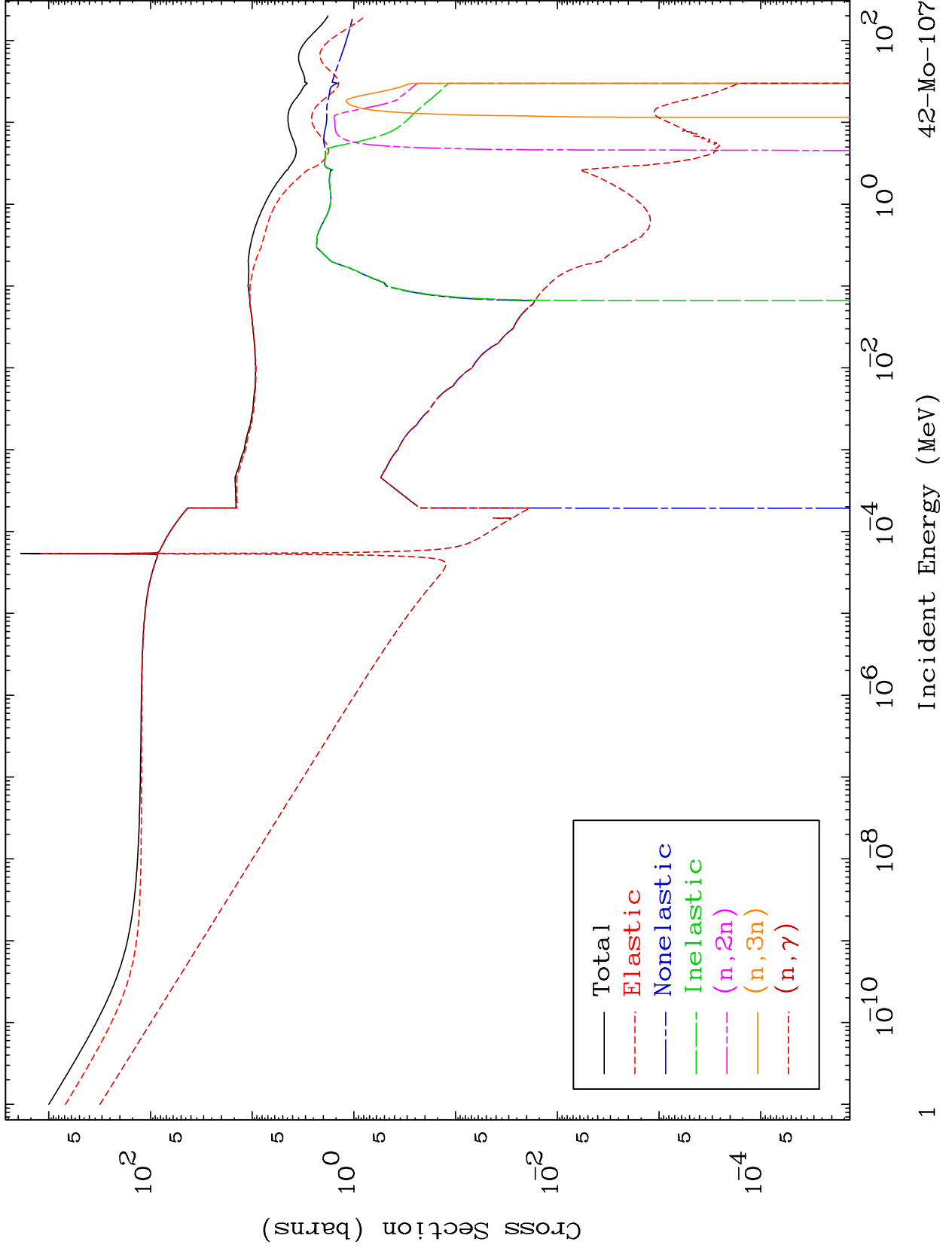
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Press Mouse Button to Start

MAT 4270

Neutron Major  
293 Kelvin Cross Sections

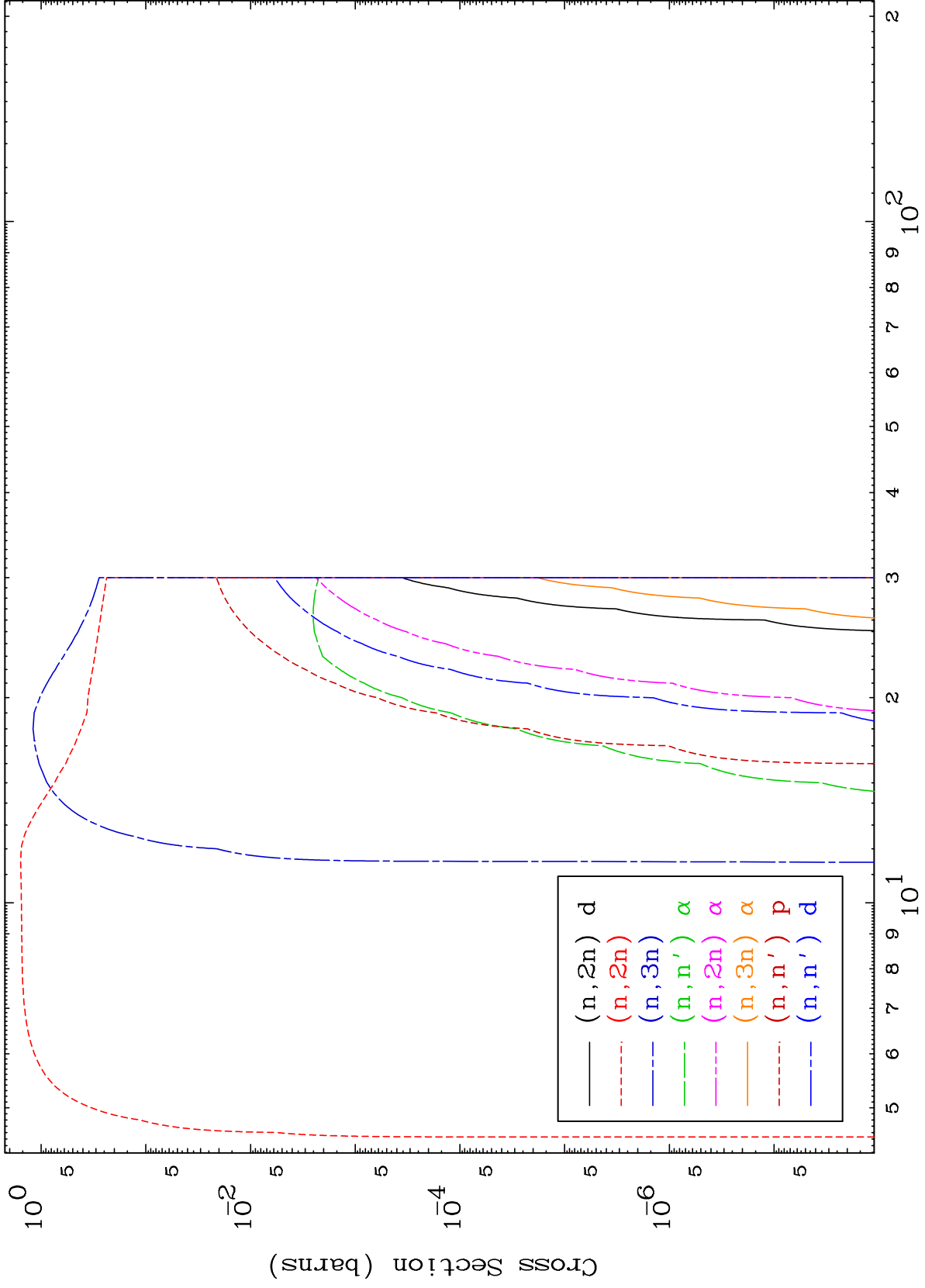
42-Mo-107



MAT 4270

Neutron Absorption  
293 Kelvin Cross Sections

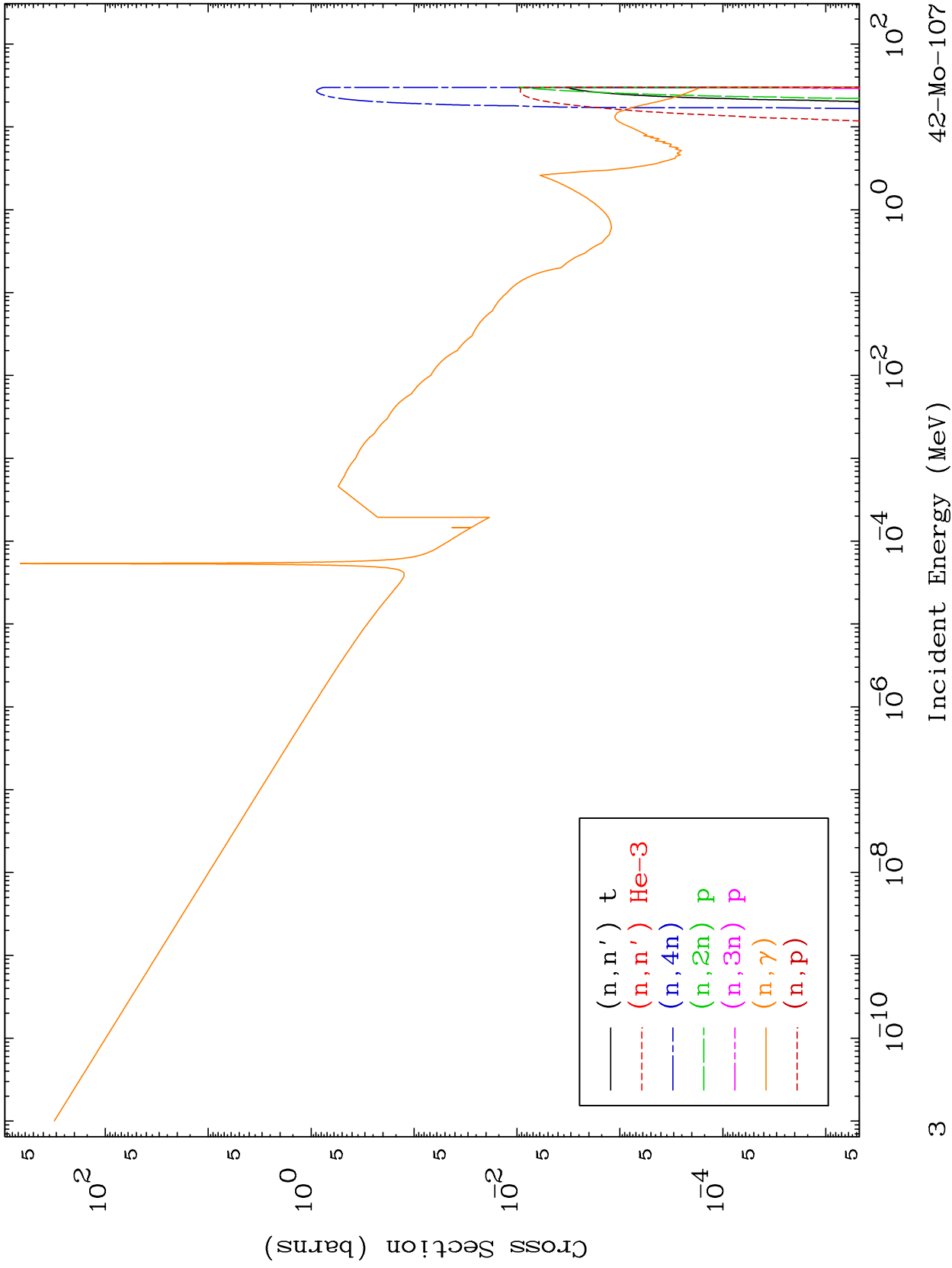
42-Mo-107

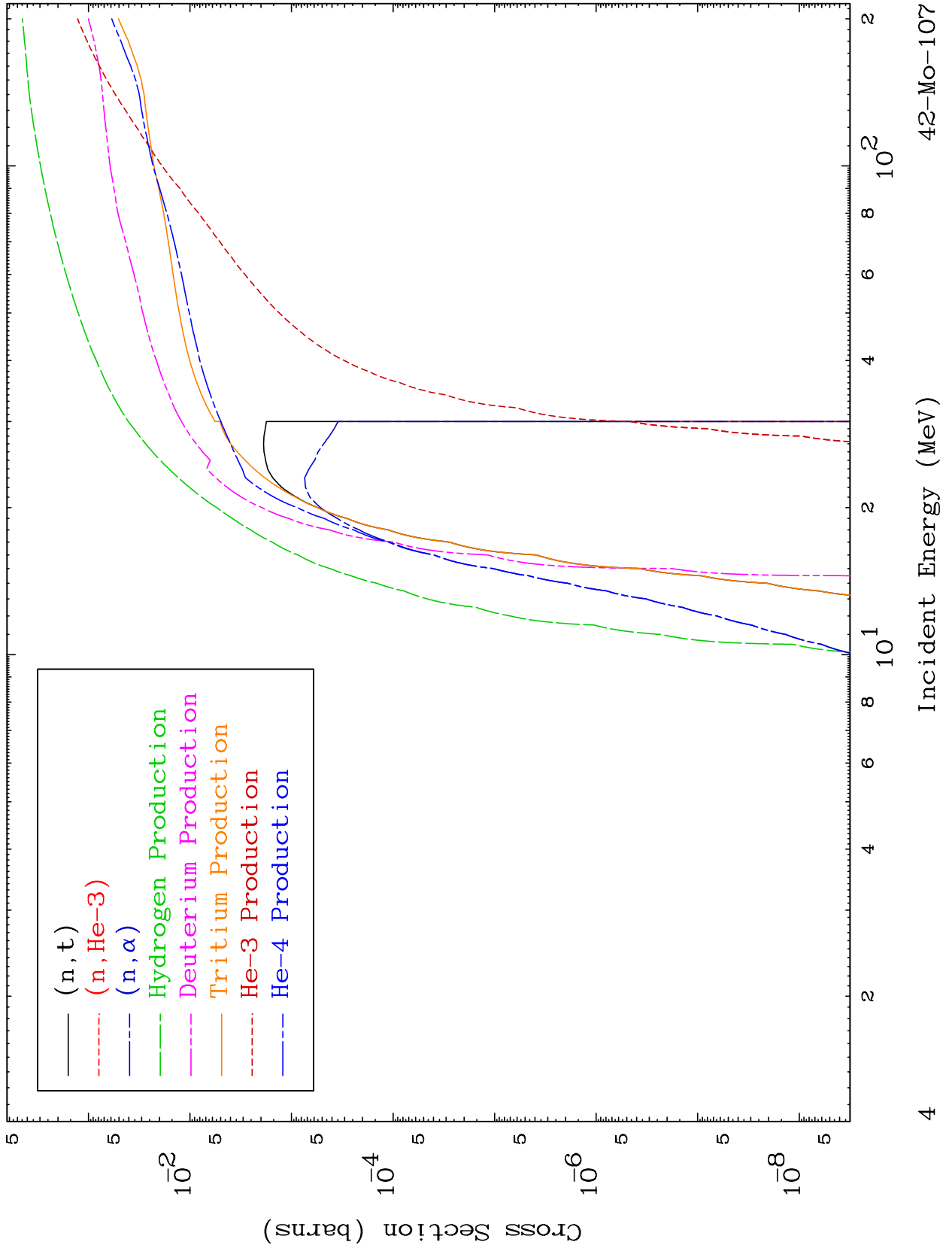


MAT 4270

Neutron Absorption  
293 Kelvin Cross Sections

42-Mo-107

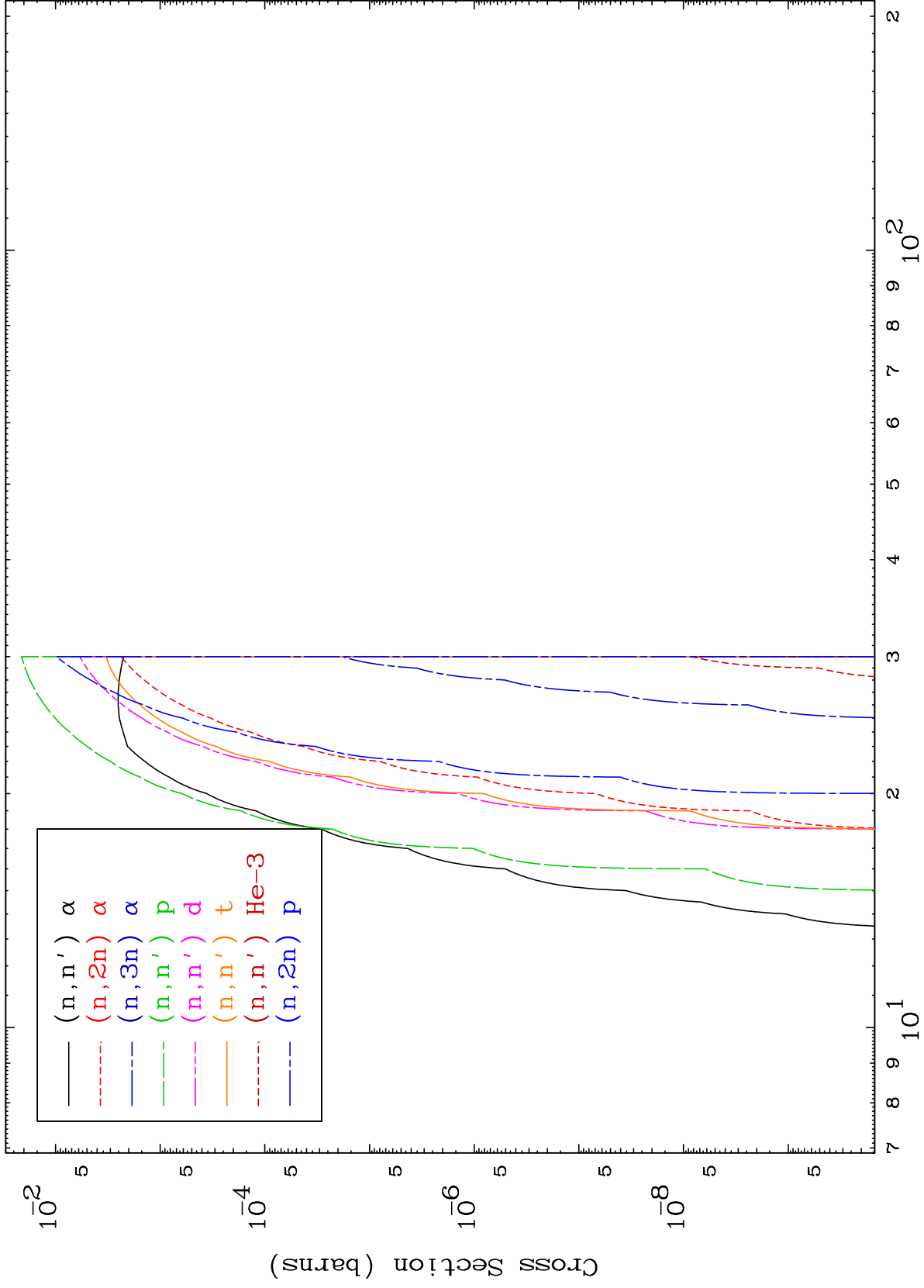




MAT 4270

Charged Particle  
293 Kelvin Cross Sections

42-Mo-107



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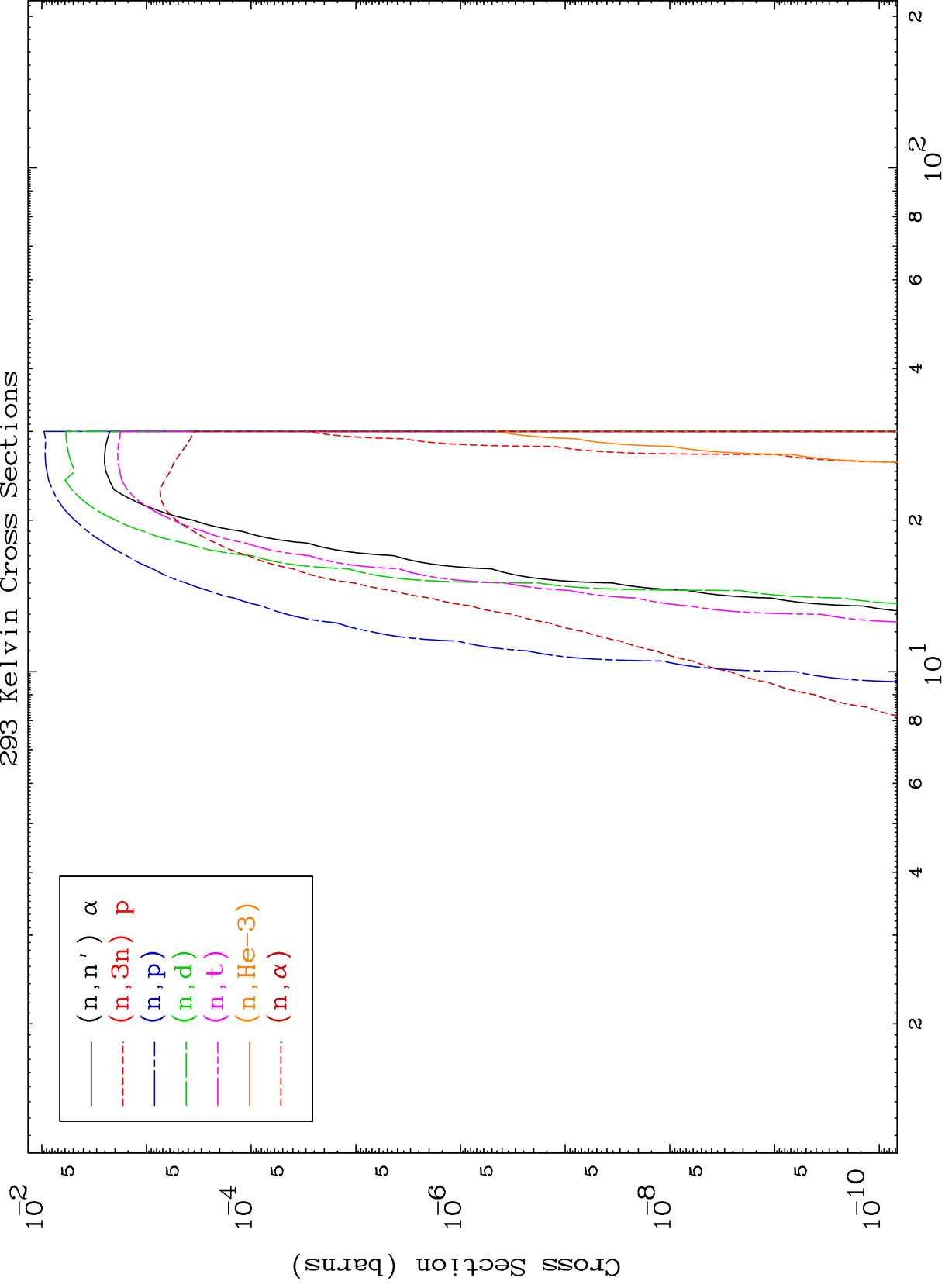
Incident Energy (MeV)

42-Mo-107

MAT 4270

Charged Particle  
293 Kelvin Cross Sections

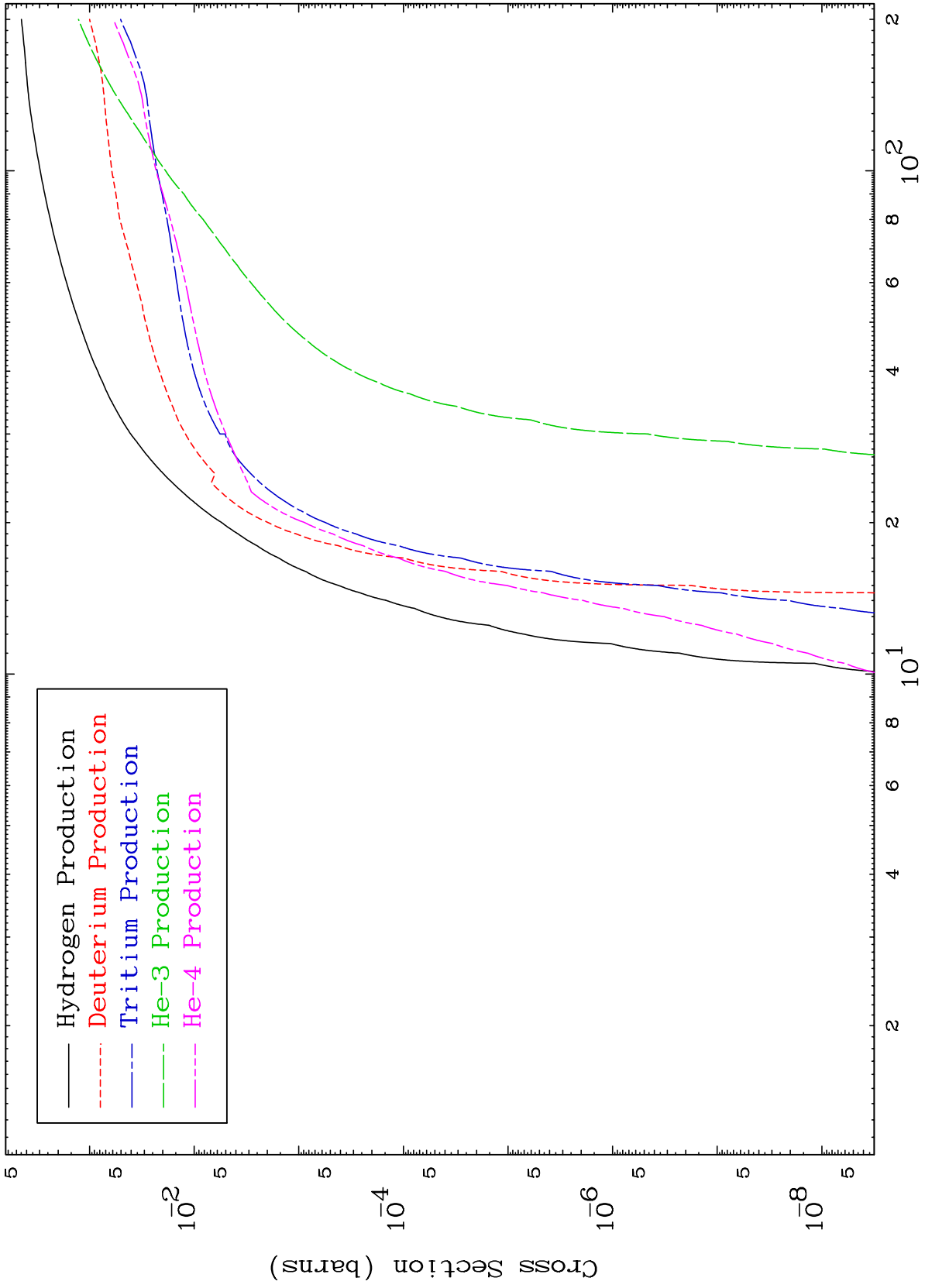
42-Mo-107



6

Incident Energy (MeV)

42-Mo-107



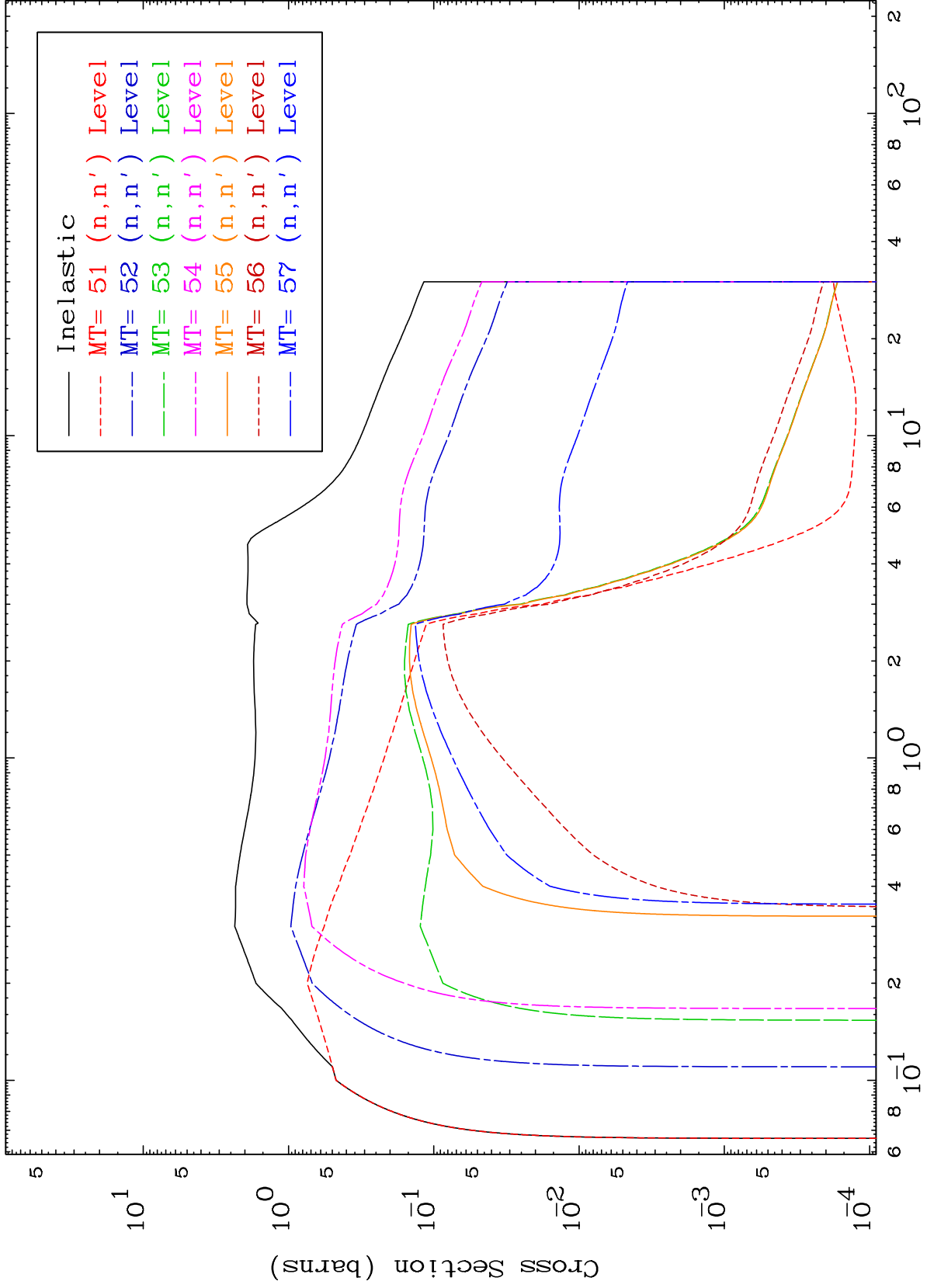


MAT 4270

(n,n') Levels

42-Mo-107

293 Kelvin Cross Sections



8

Incident Energy (MeV)

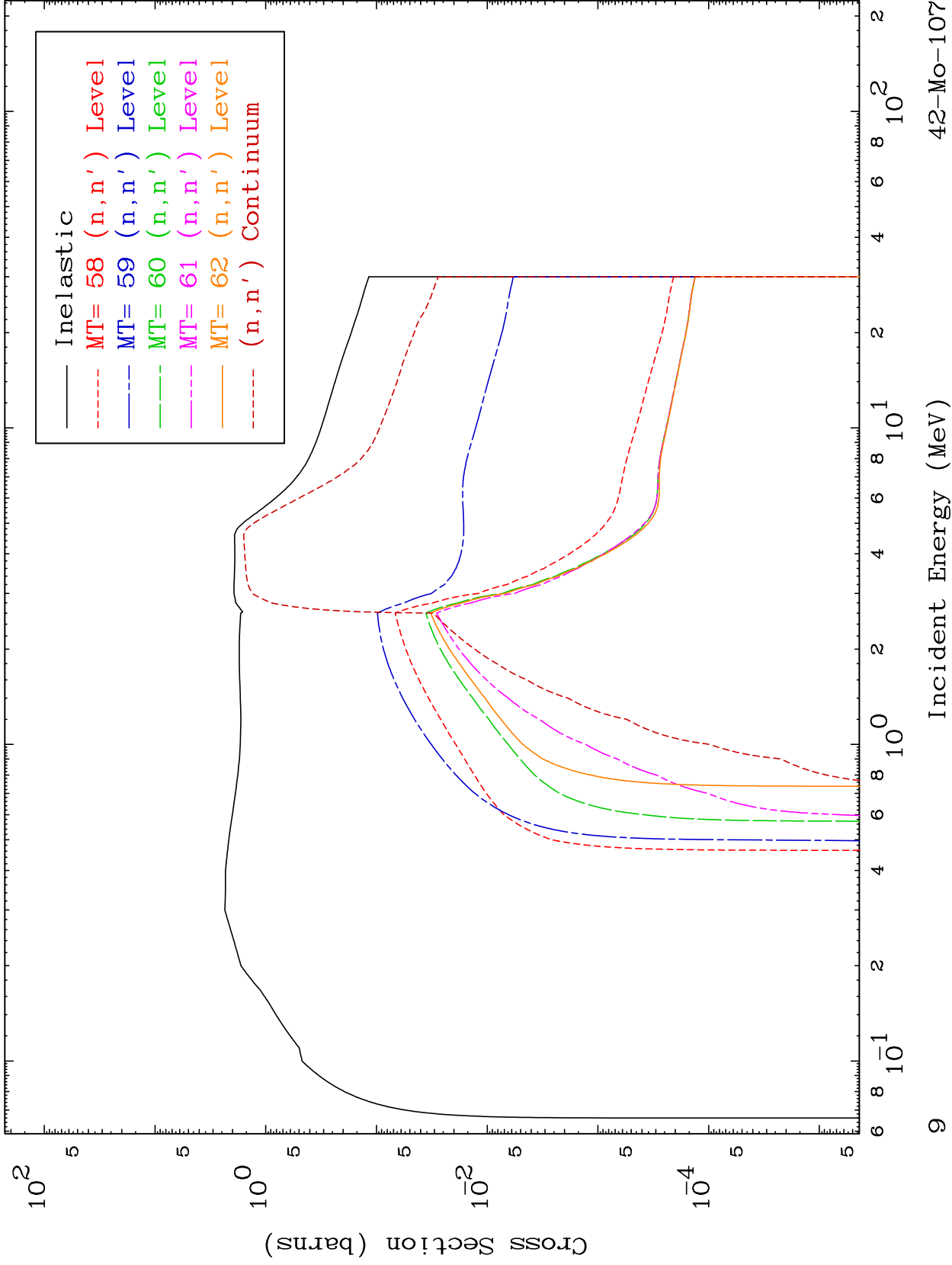
42-Mo-107

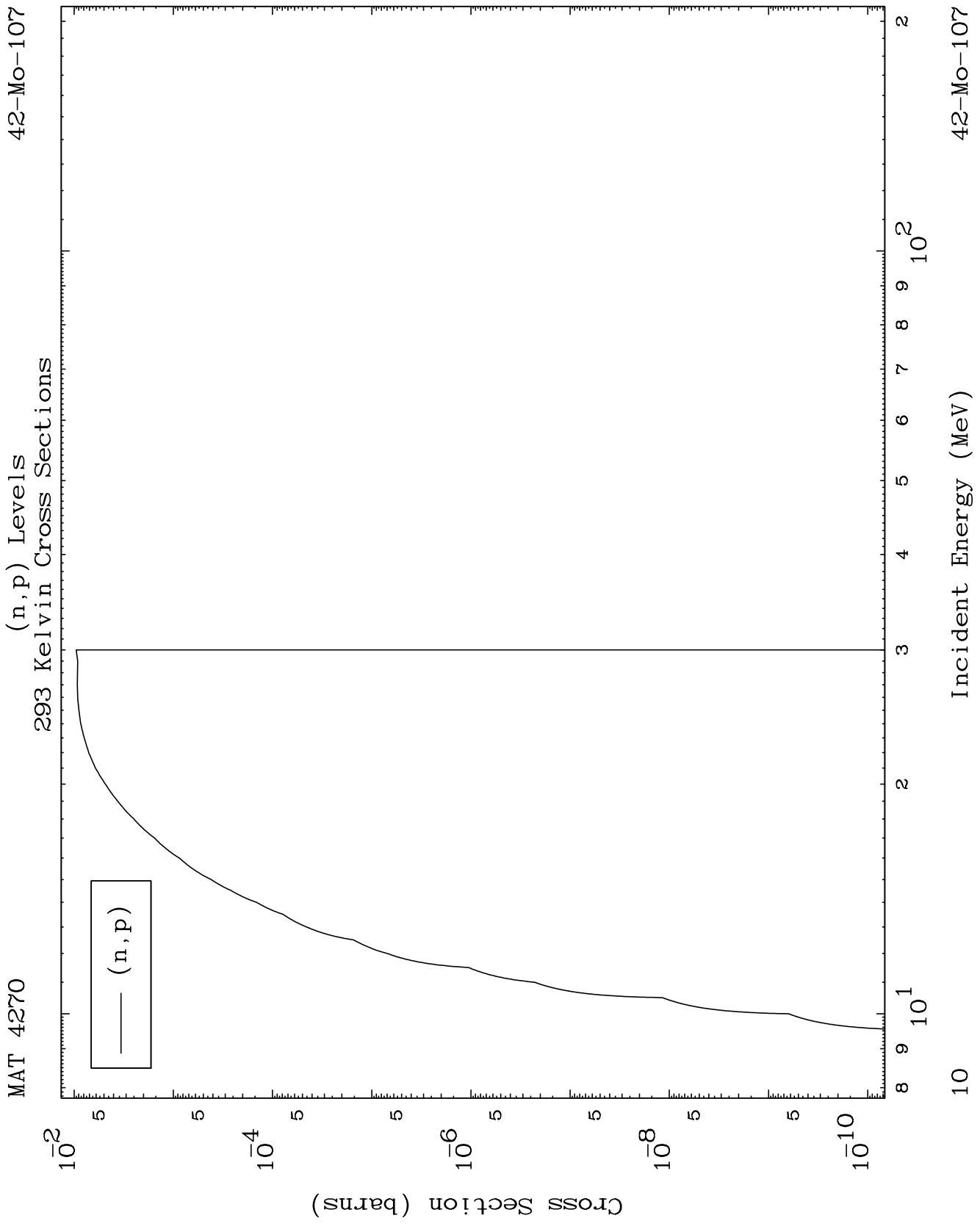
MAT 4270

(n,n') Levels

42-Mo-107

293 Kelvin Cross Sections

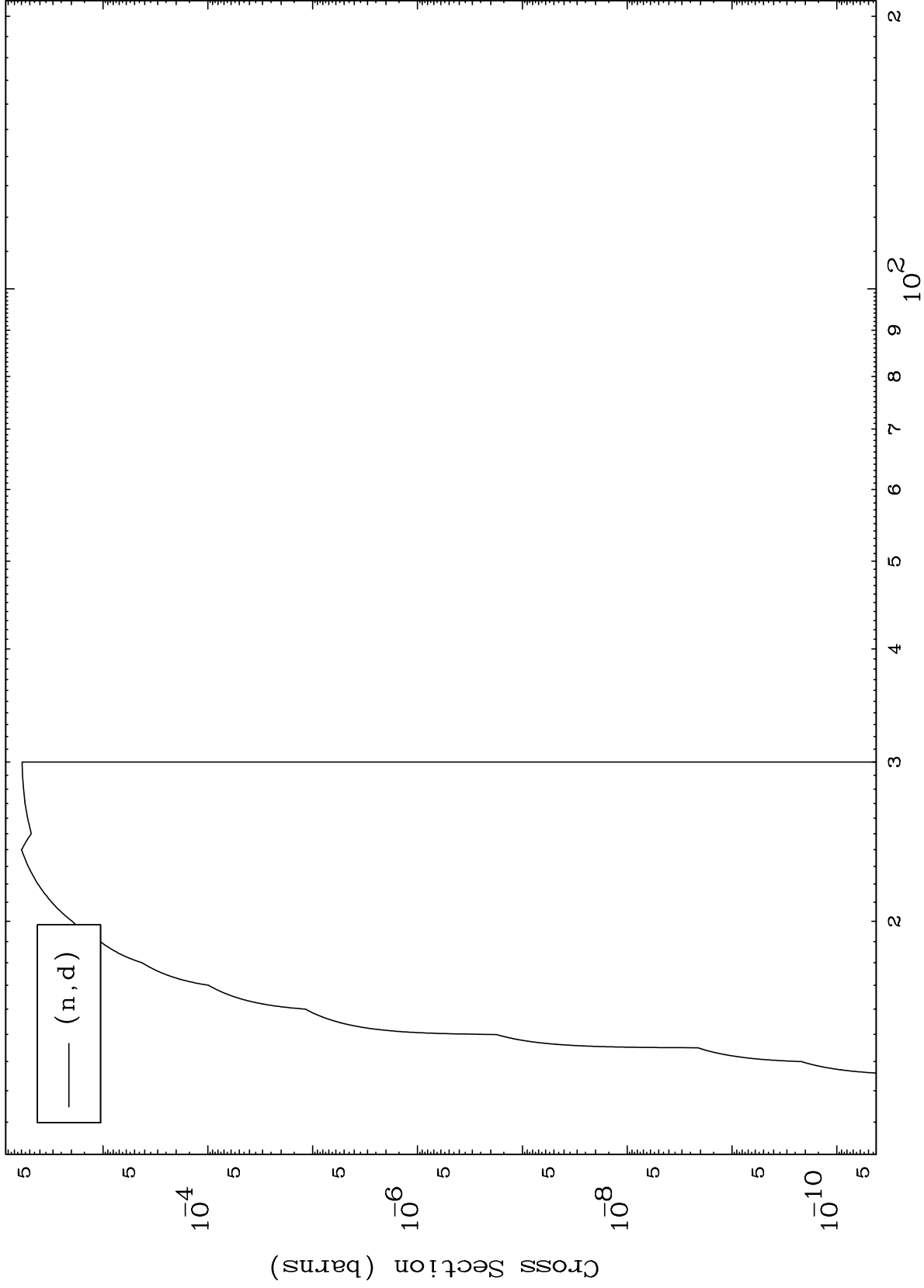




MAT 4270

(n,d) Levels  
293 Kelvin Cross Sections

42-Mo-107



11

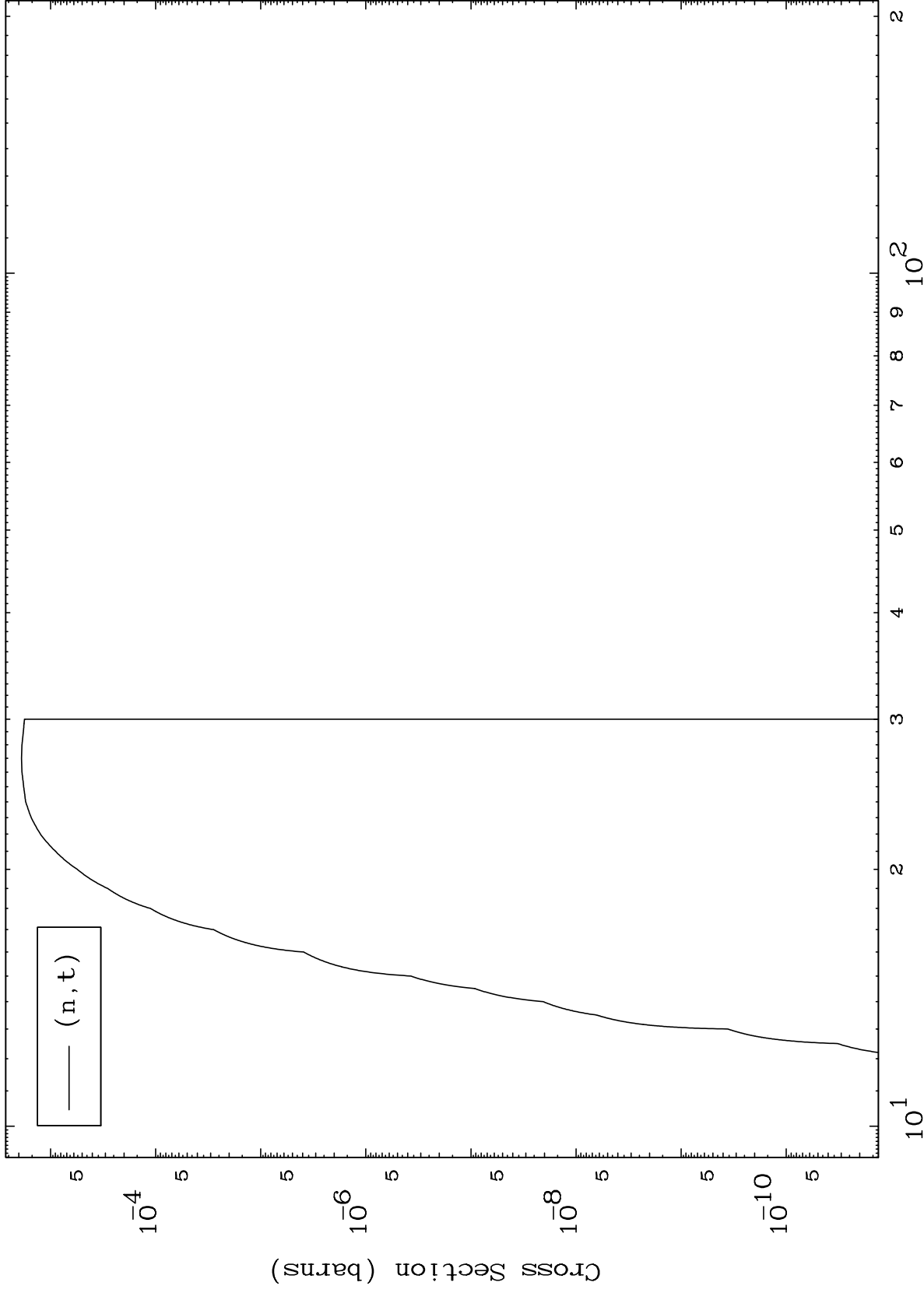
Incident Energy (MeV)

42-Mo-107

MAT 4270

(n,t) Levels  
293 Kelvin Cross Sections

42-Mo-107



12

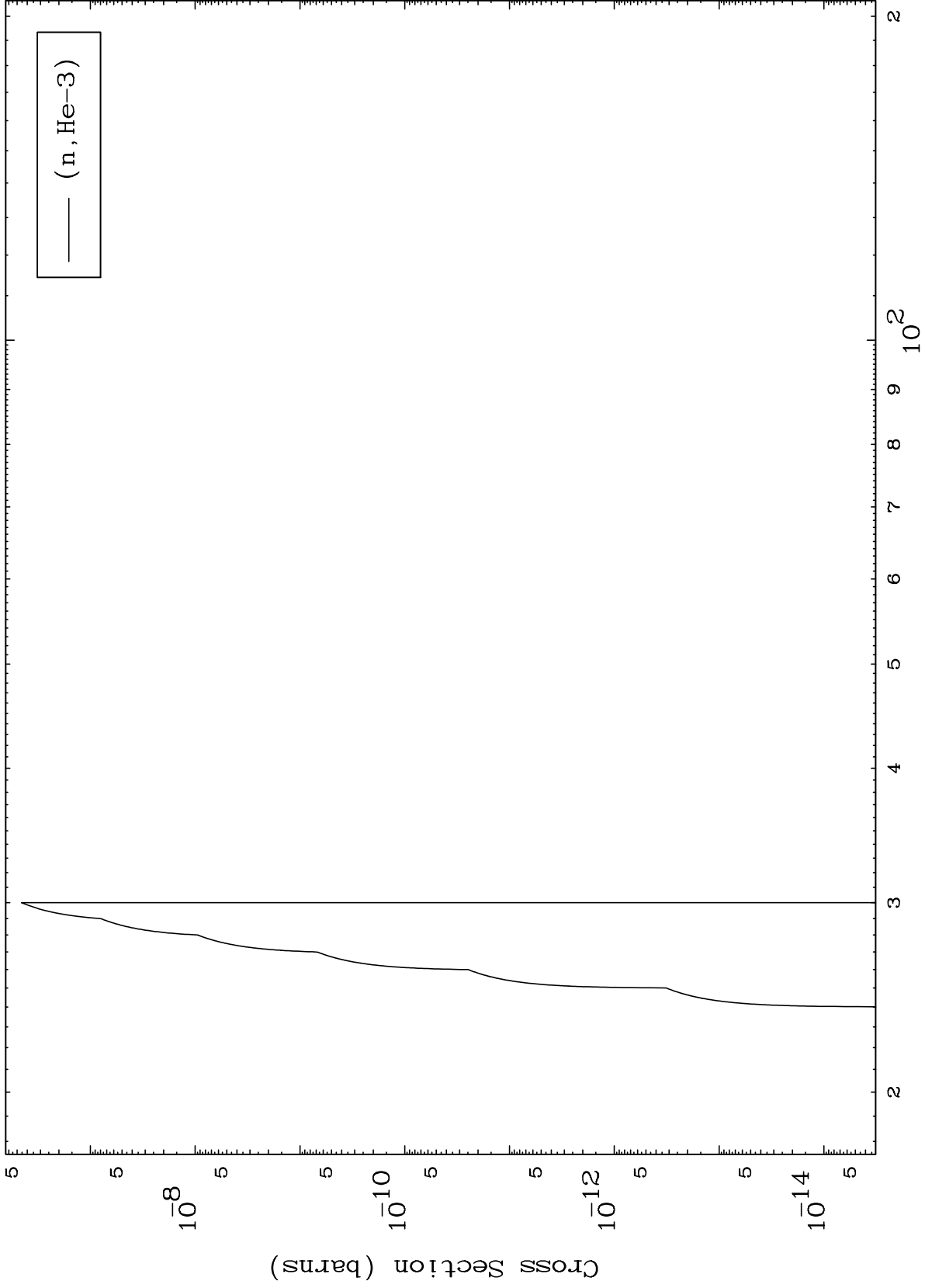
Incident Energy (MeV)

42-Mo-107

MAT 4270

(n,He3) Levels  
293 Kelvin Cross Sections

42-Mo-107



13

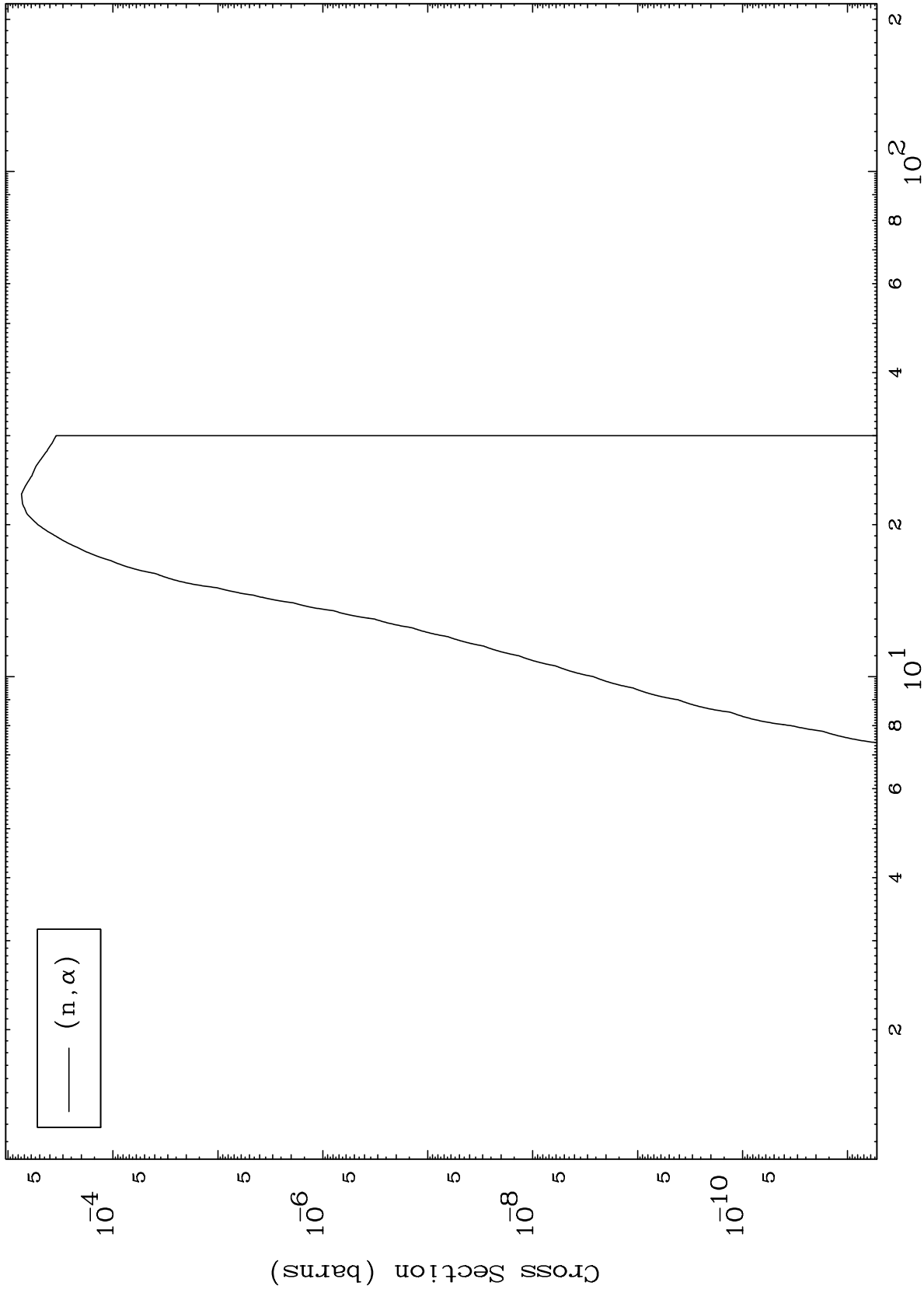
Incident Energy (MeV)

42-Mo-107

MAT 4270

42-Mo-107

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



14

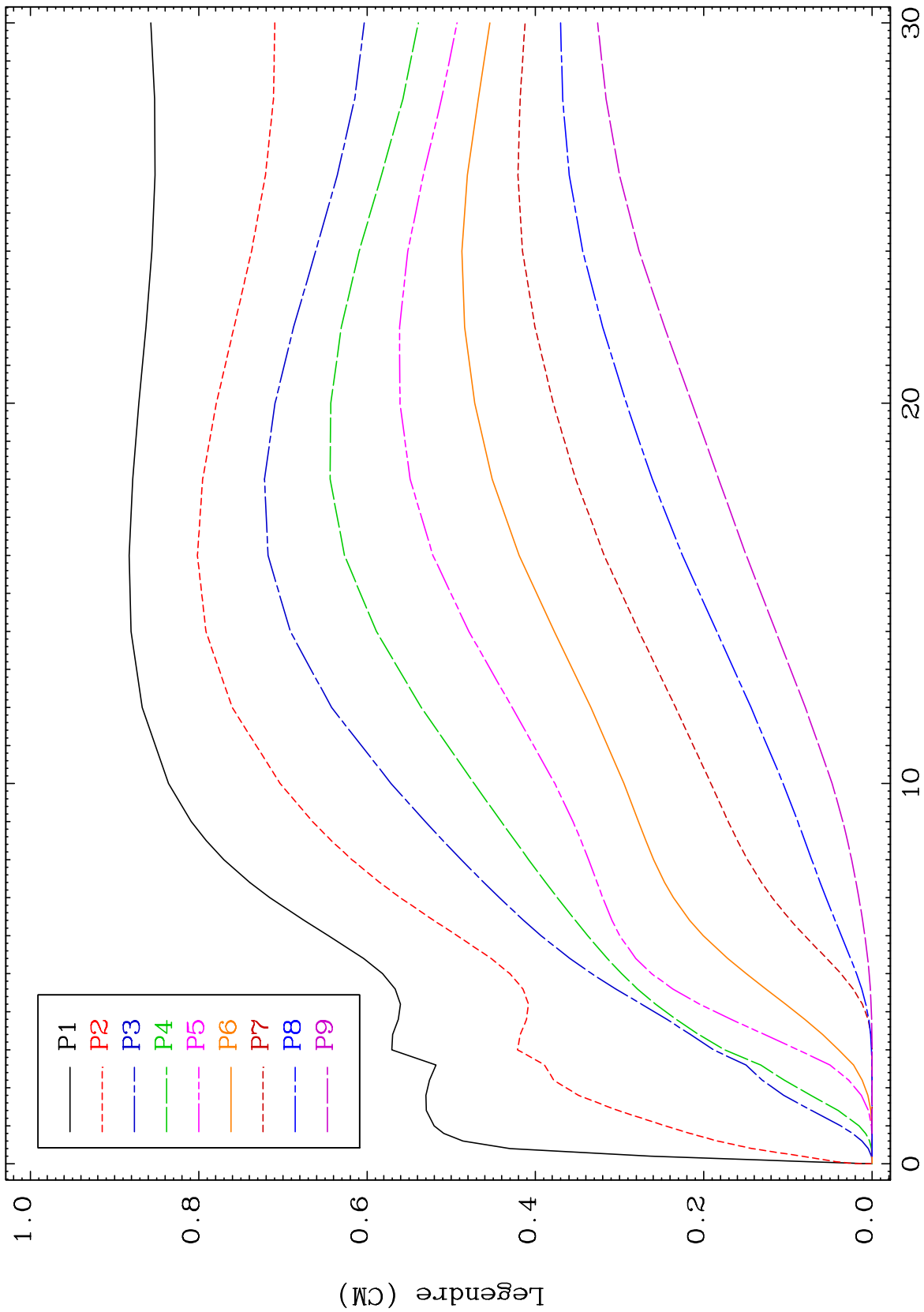
Incident Energy (MeV)

42-Mo-107

MAT 4270

Elastic Legendre Coefficients

42-Mo-107

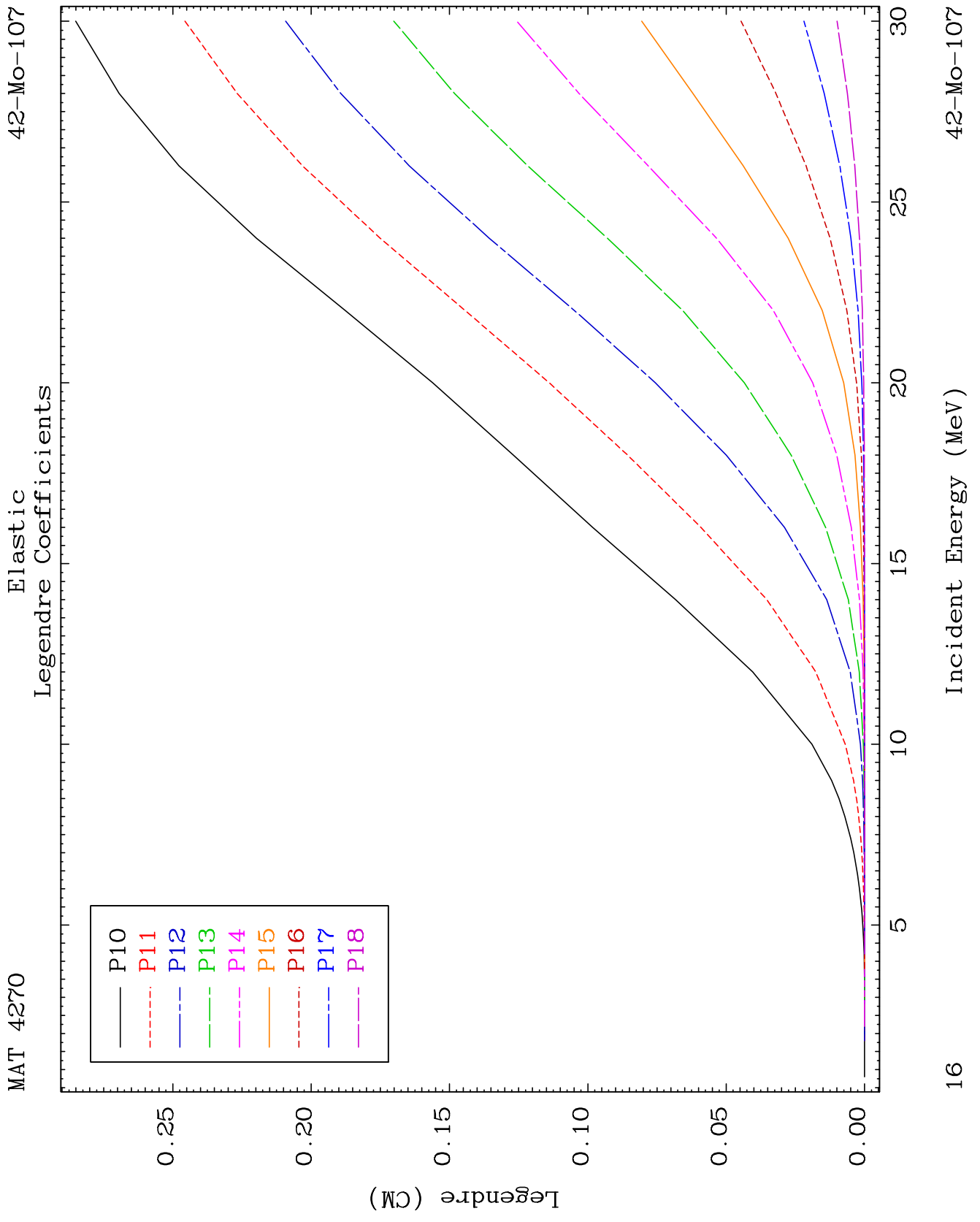


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Incident Energy (MeV)

42-Mo-107

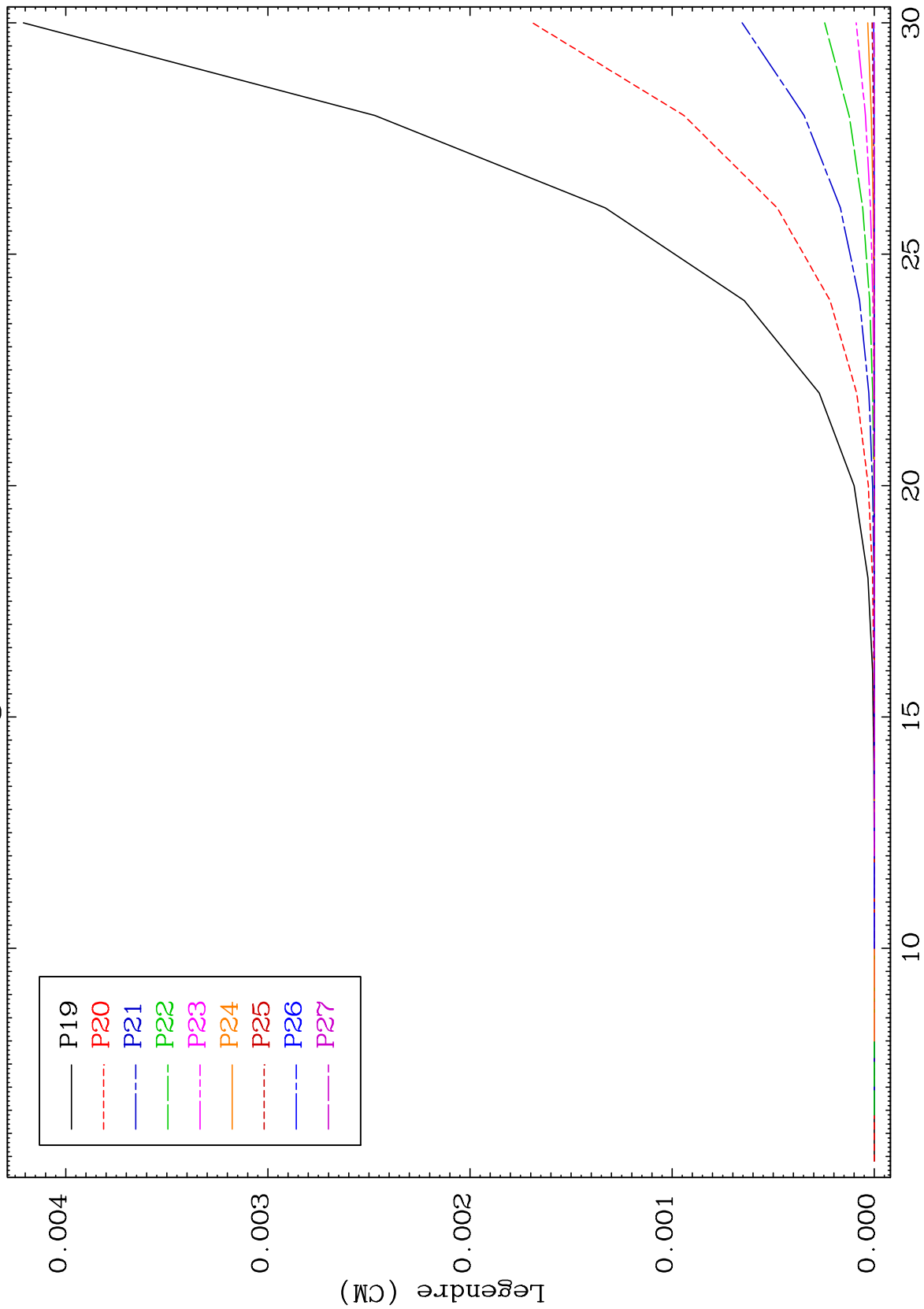




MAT 4270

Elastic Legendre Coefficients

42-Mo-107



17

Incident Energy (MeV)

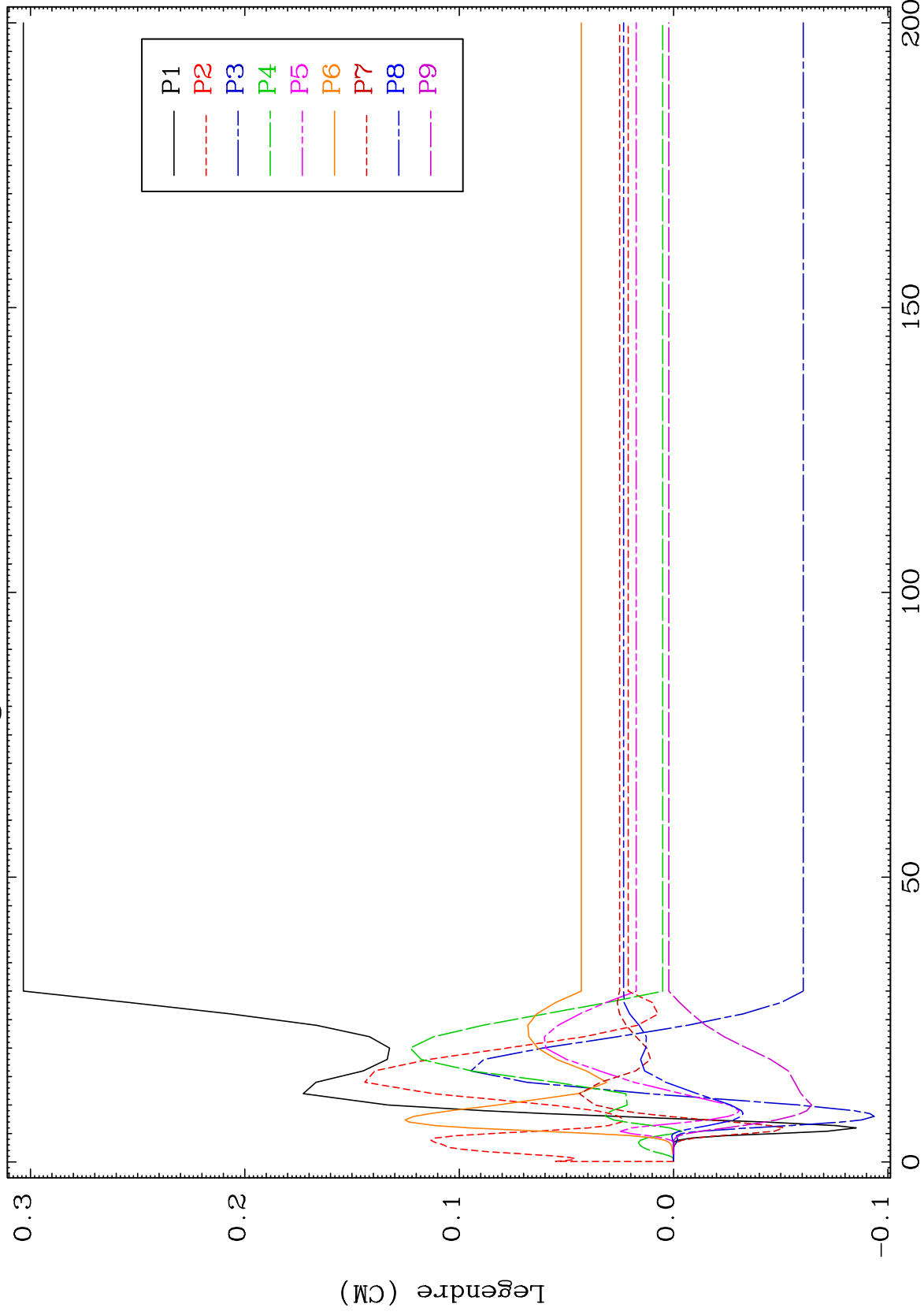
42-Mo-107



MAT 4270

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

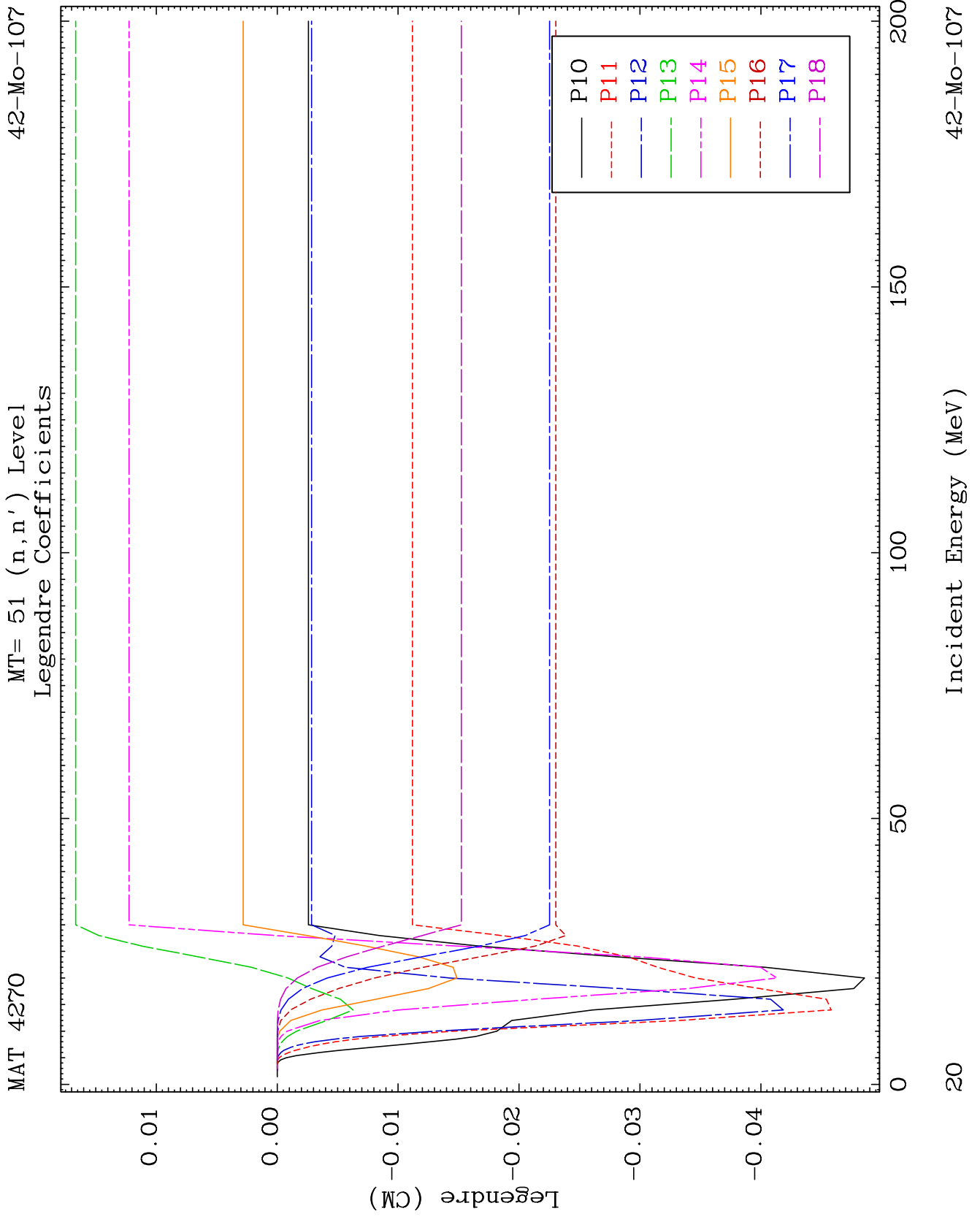
42-Mo-107

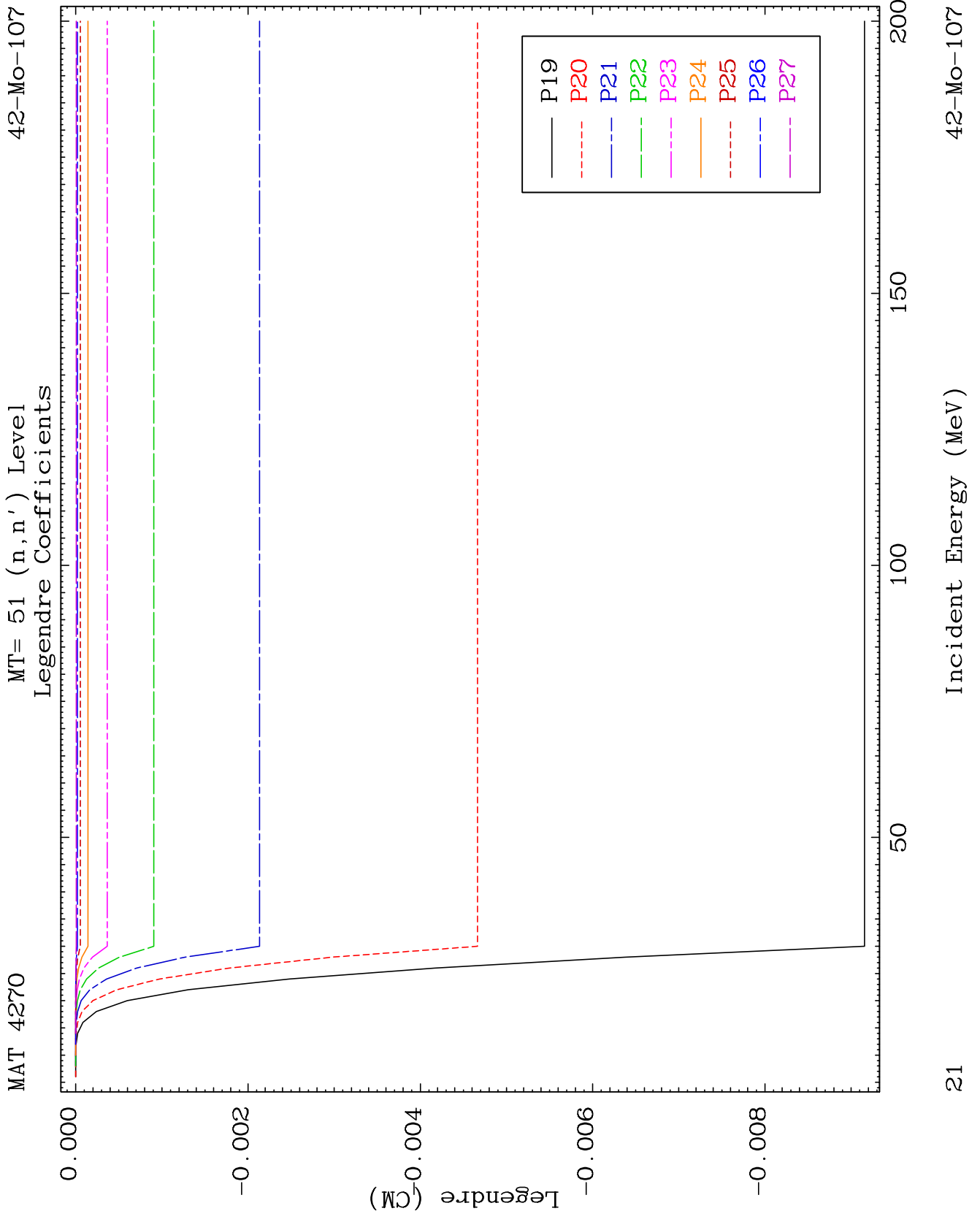


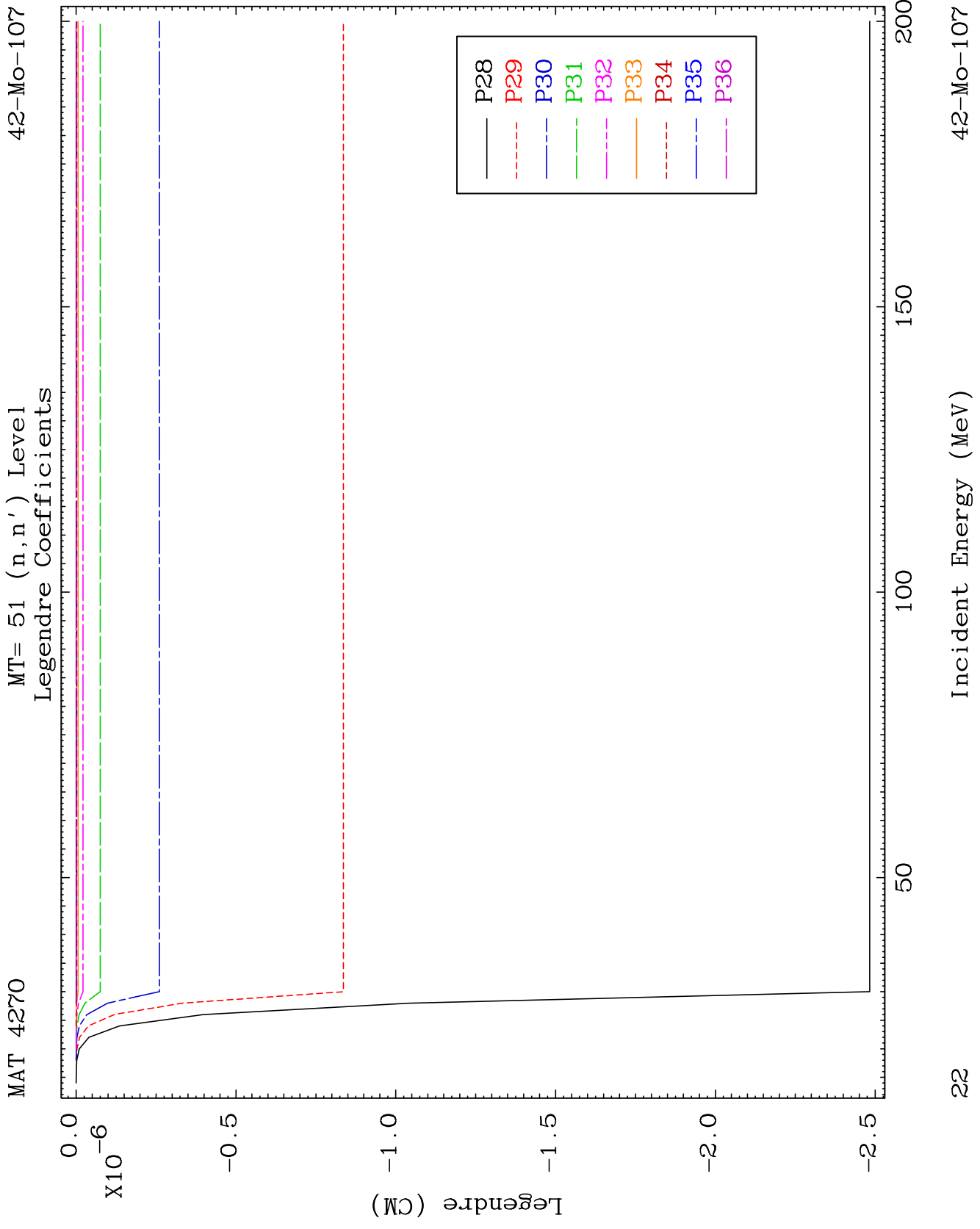
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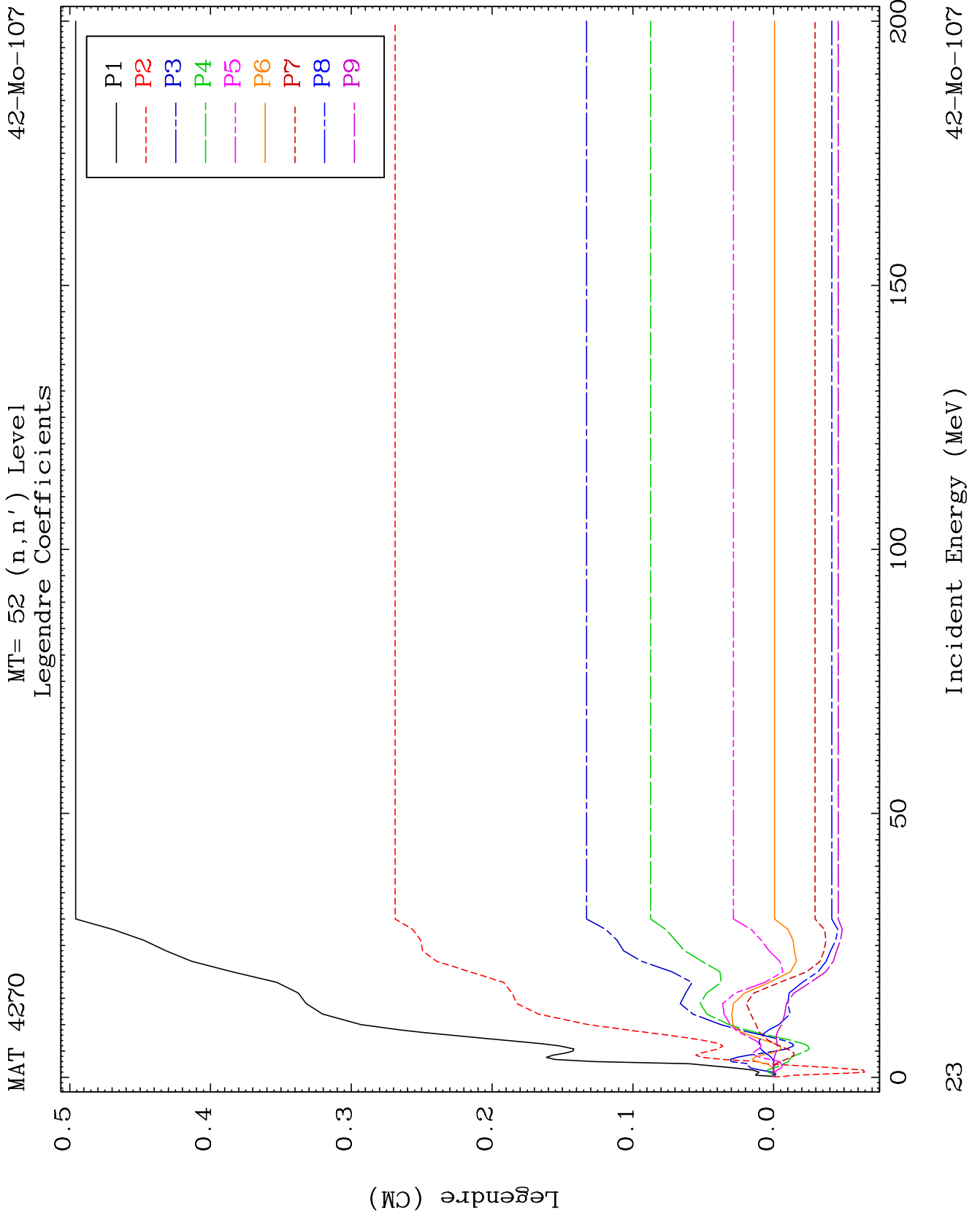
Incident Energy (MeV)

42-Mo-107

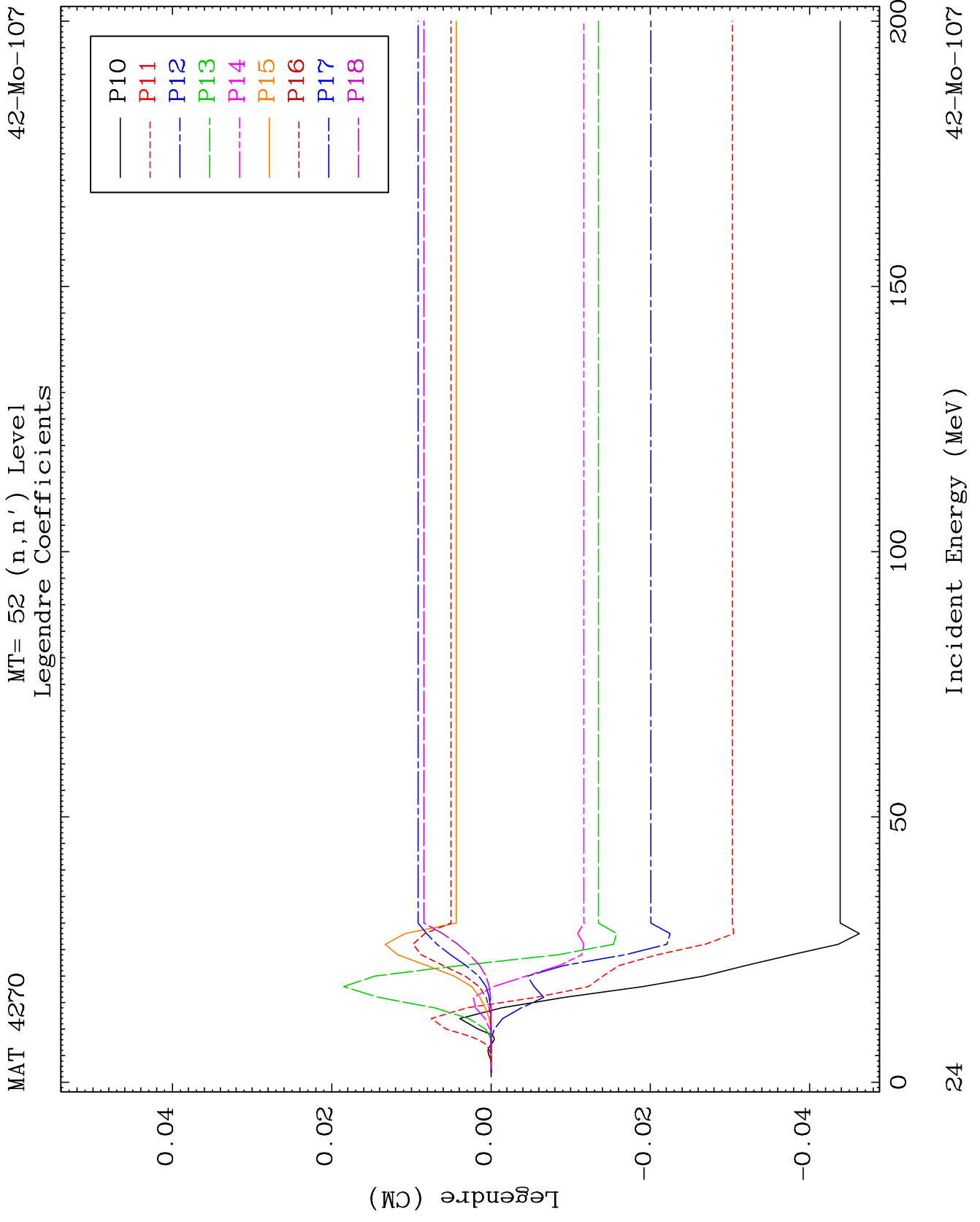


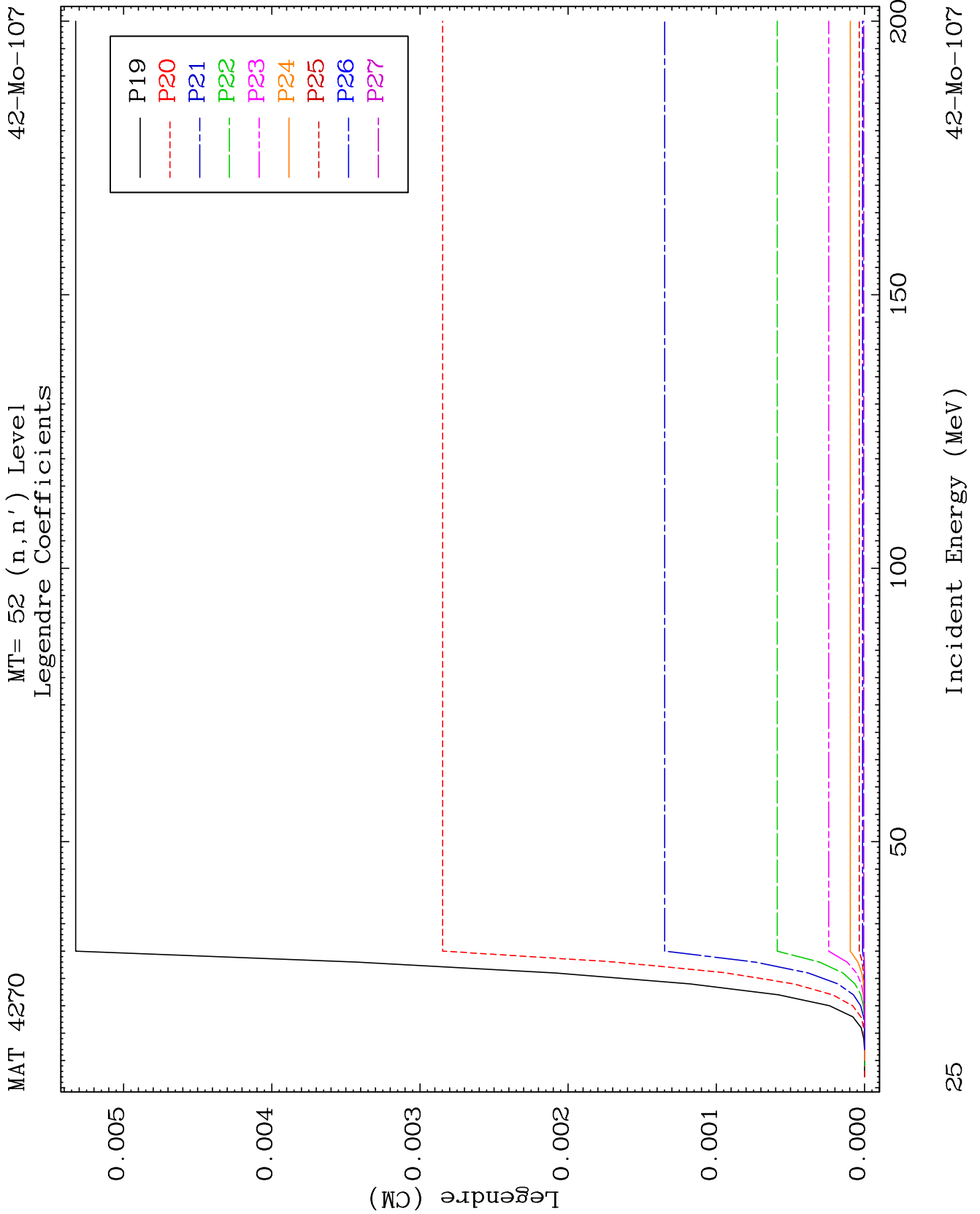








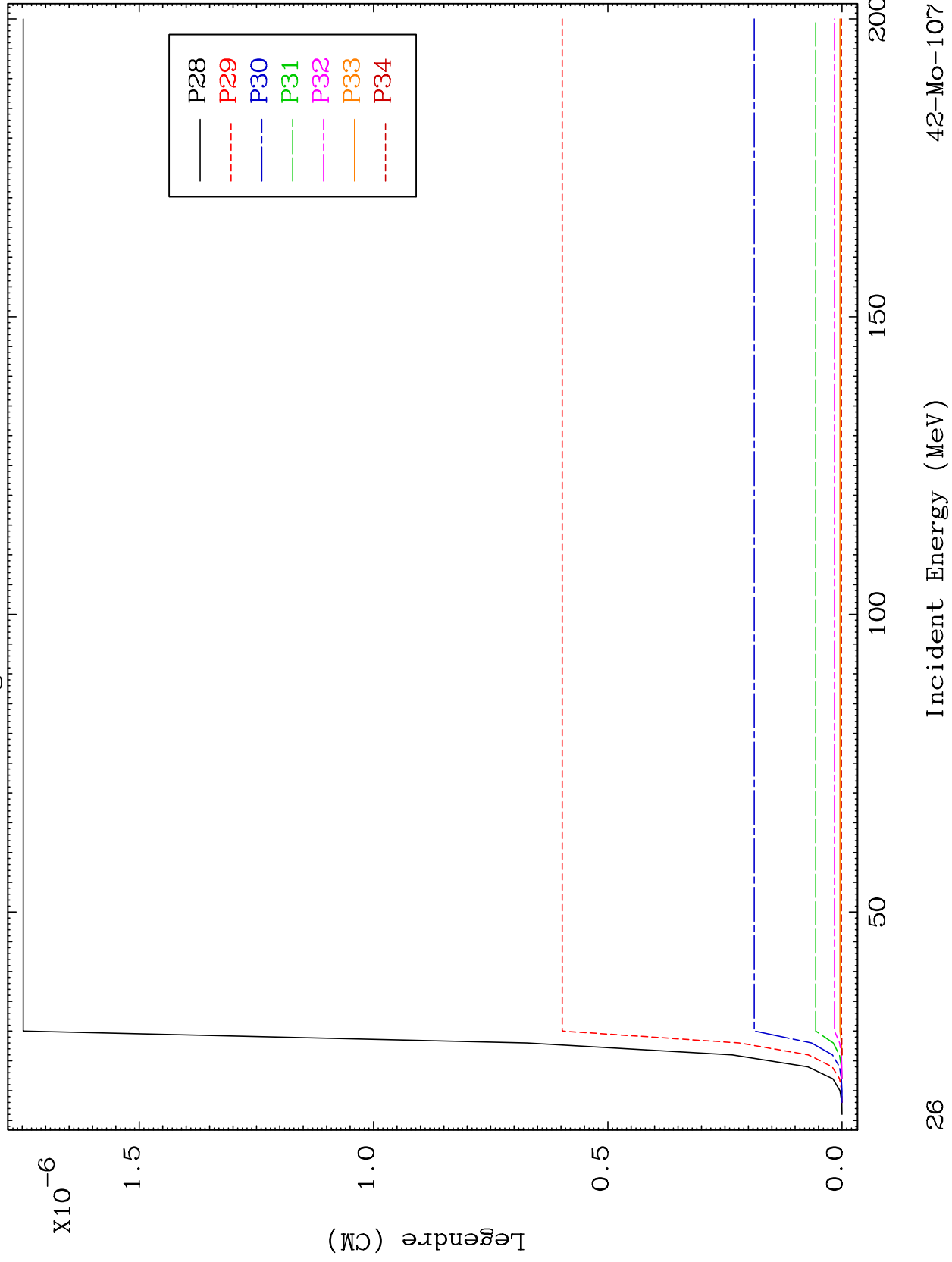




MAT 4270

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

42-Mo-107



26

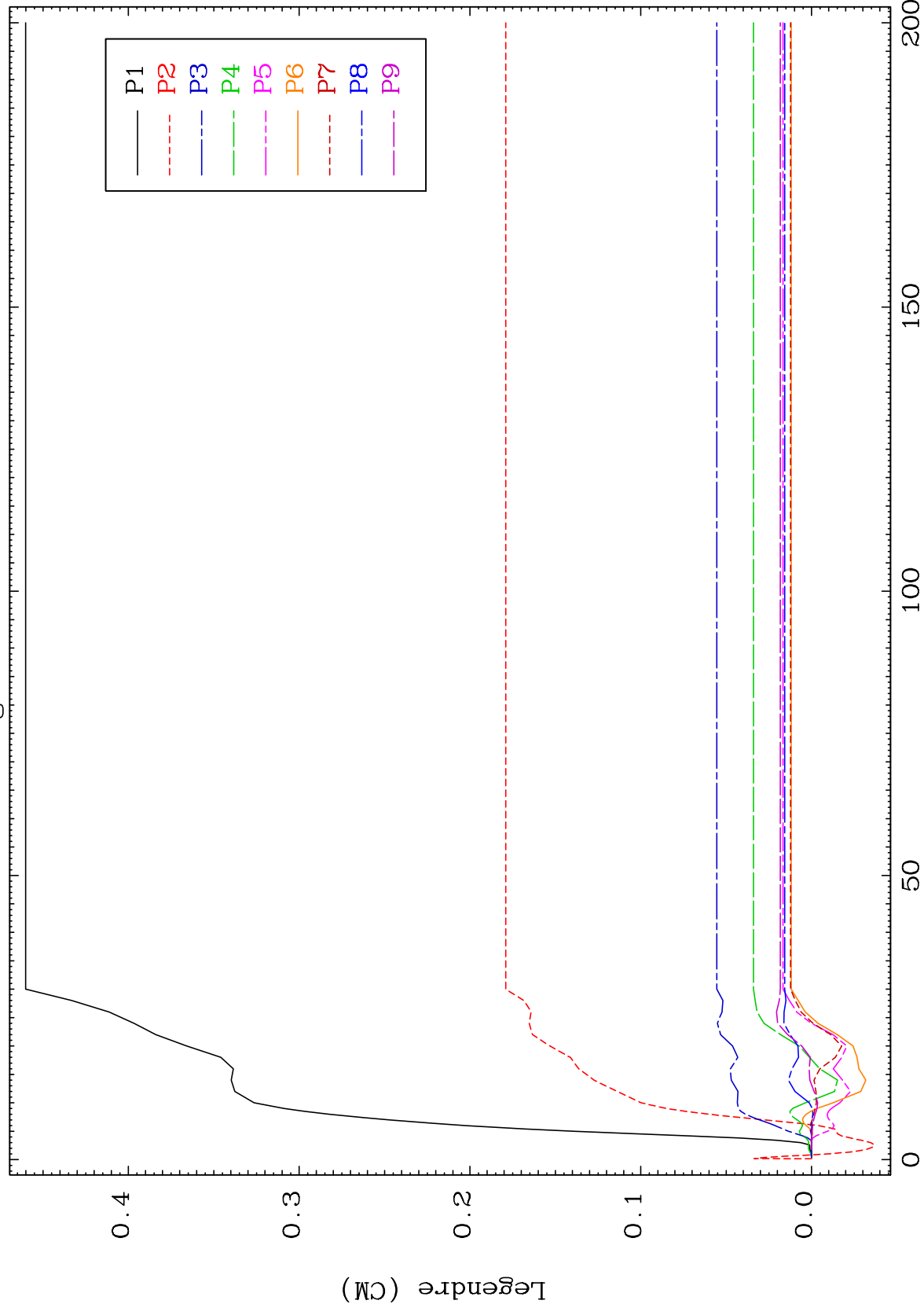
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

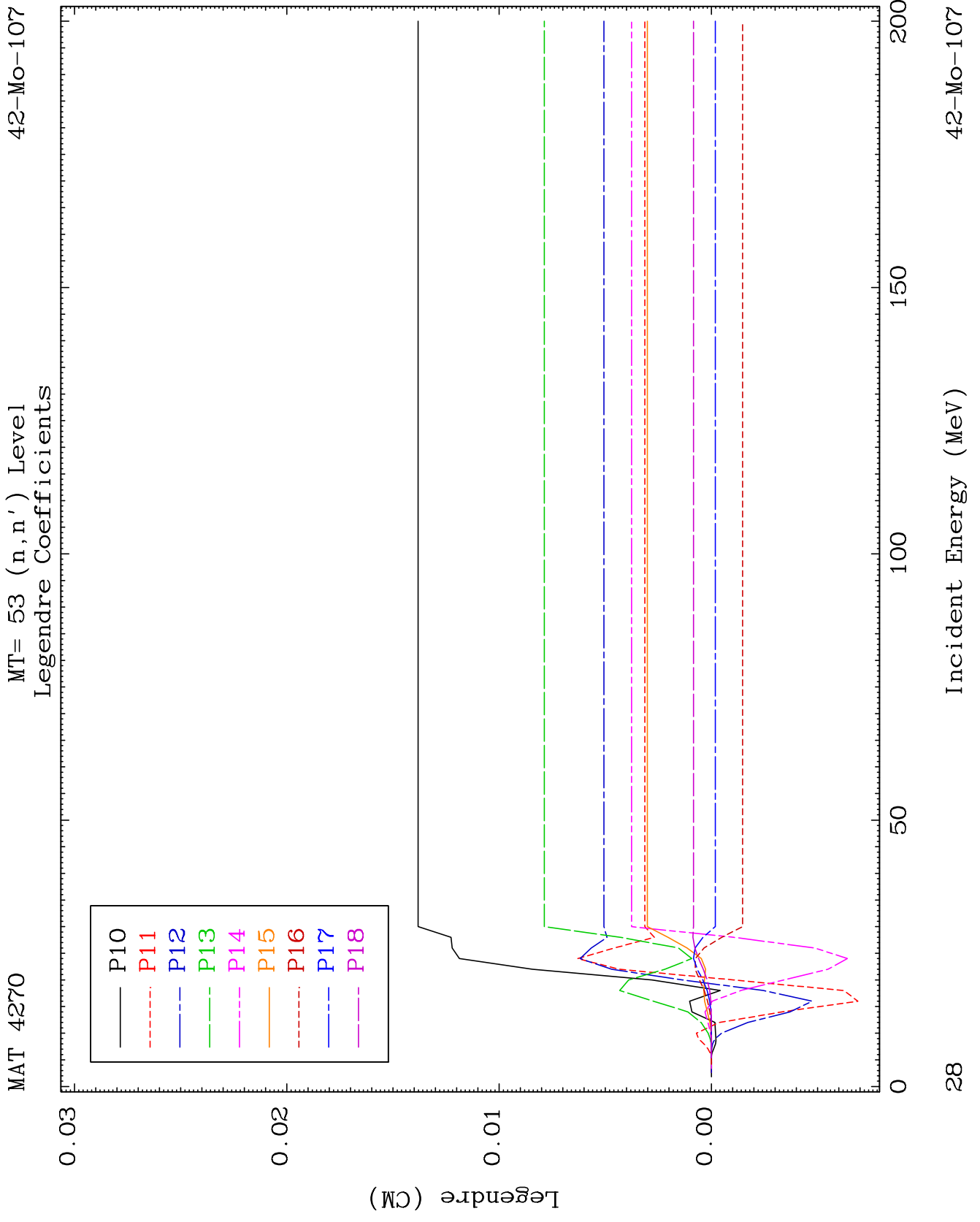
42-Mo-107



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Incident Energy (MeV)

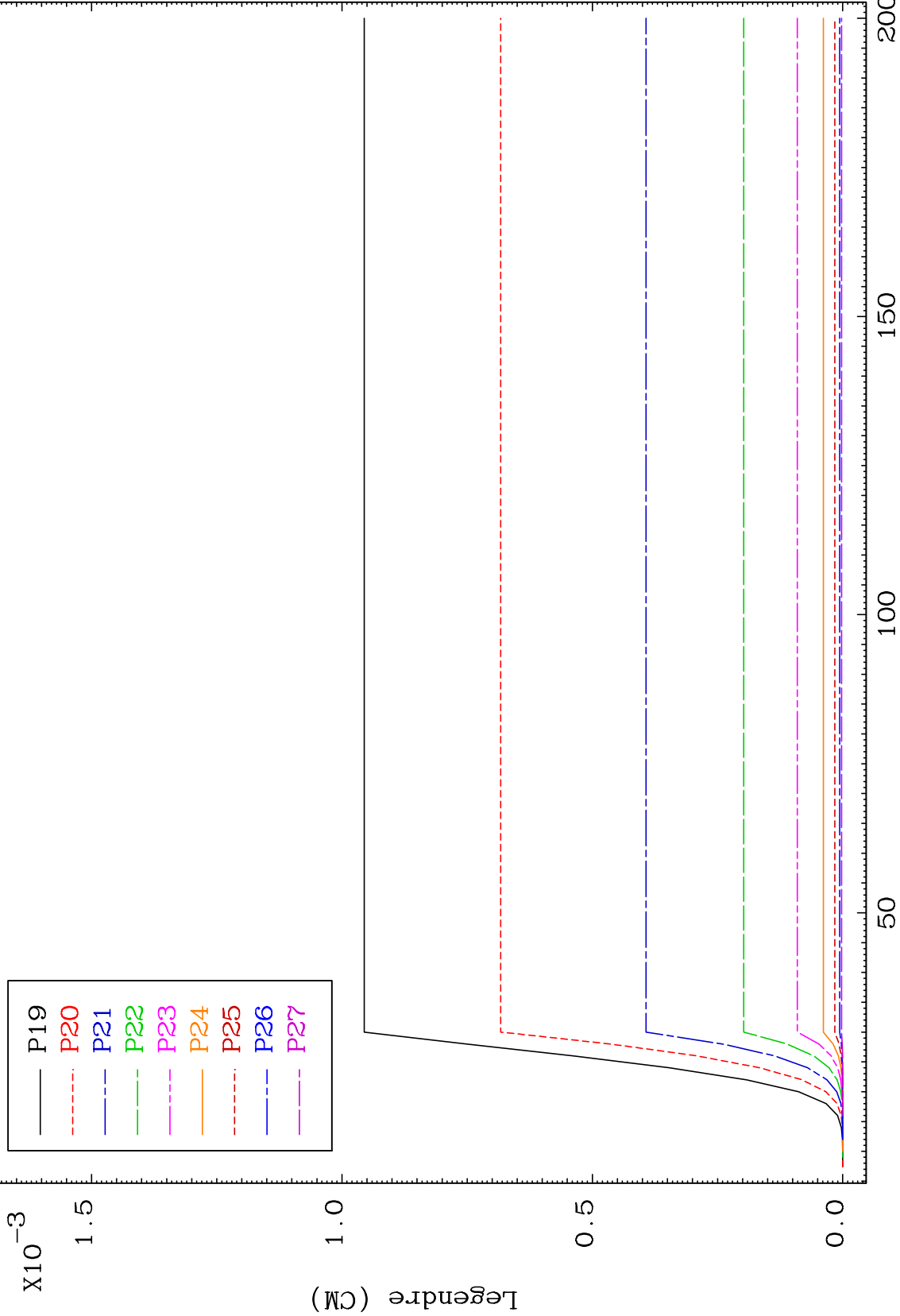
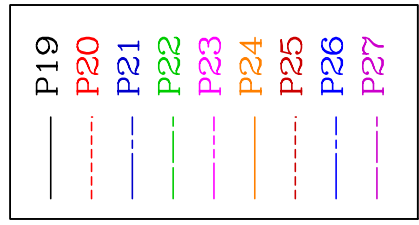
42-Mo-107



MAT 4270

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

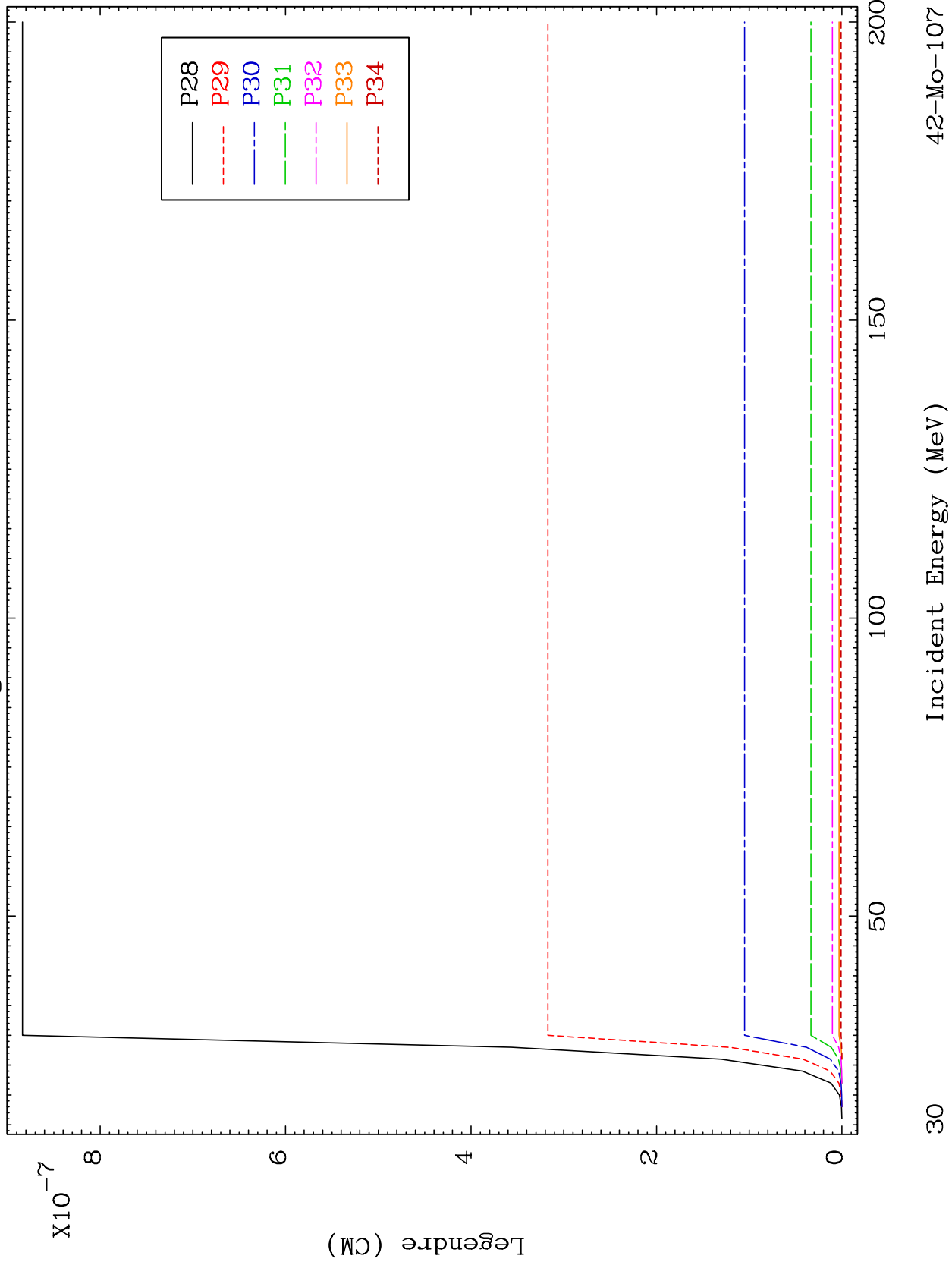
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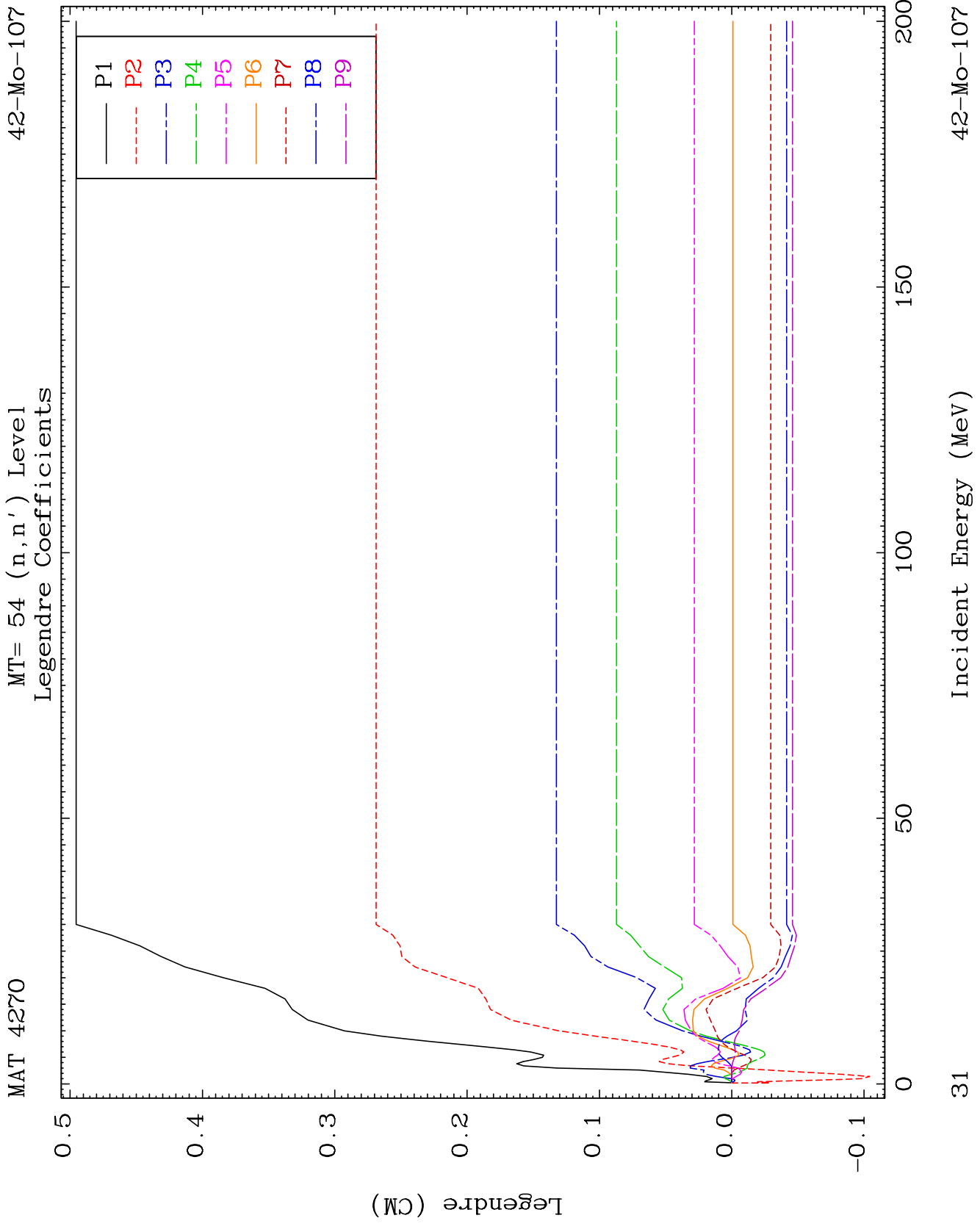


MAT 4270

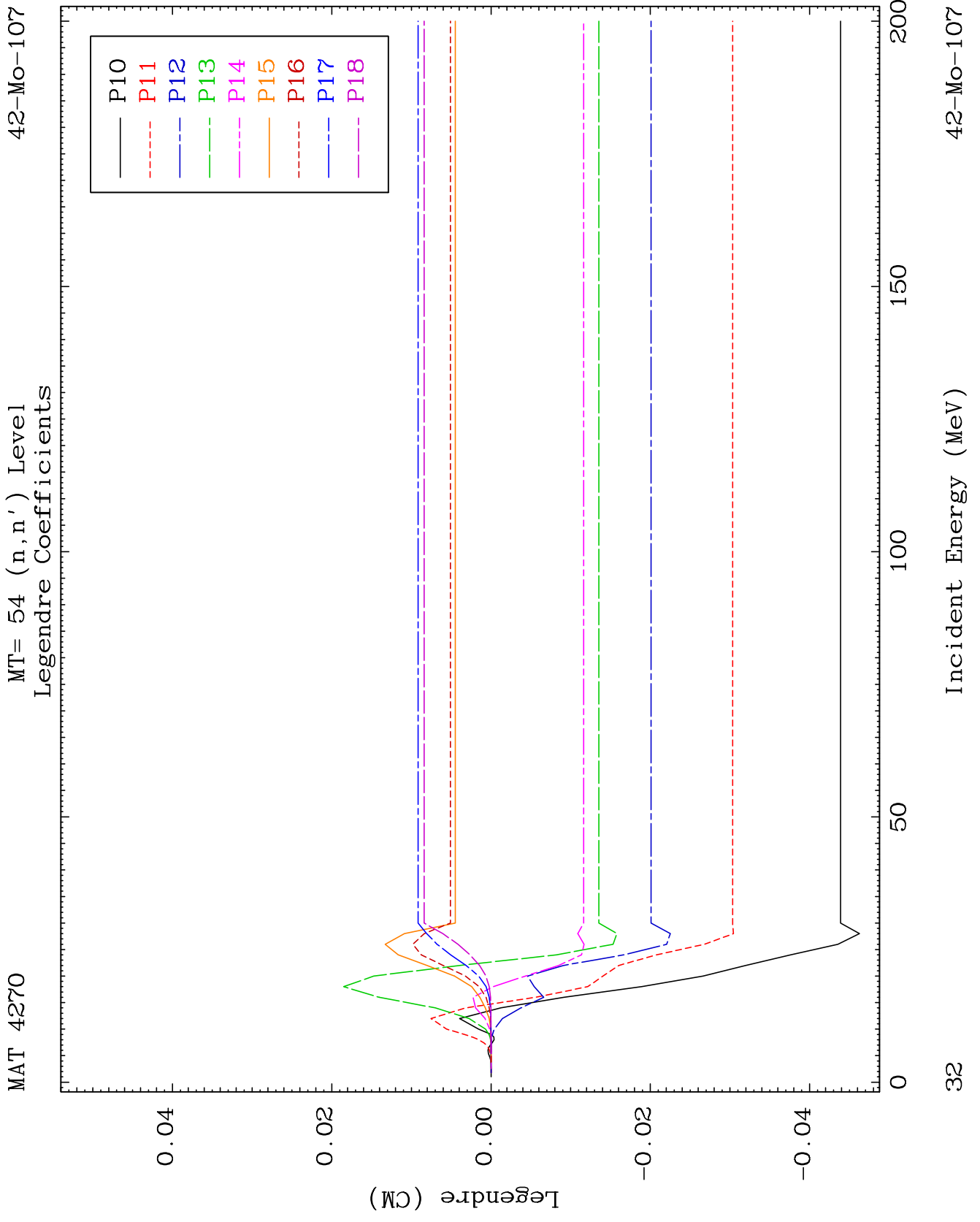
MT= 53 (n,n') Level  
Legendre Coefficients

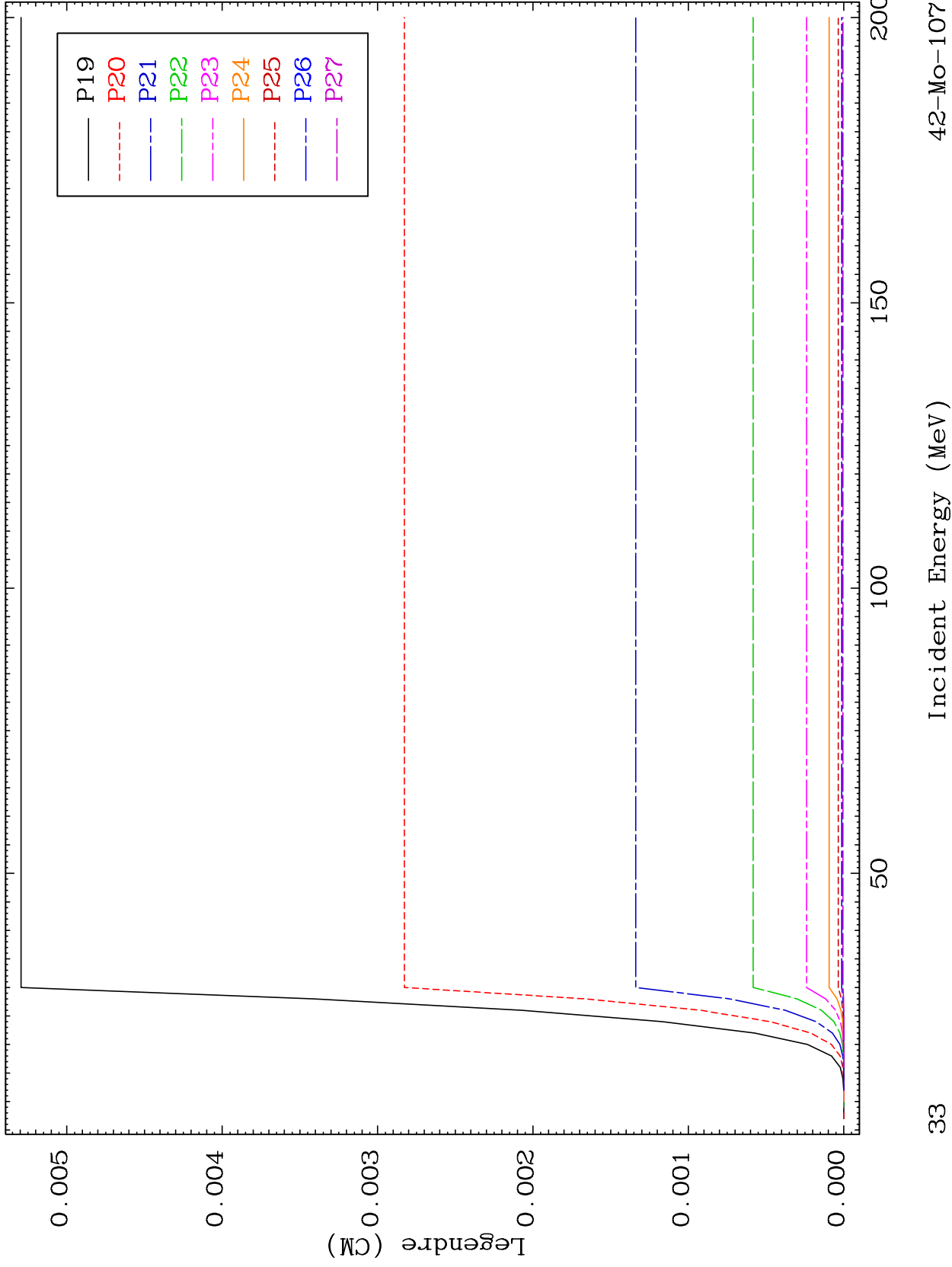
42-Mo-107







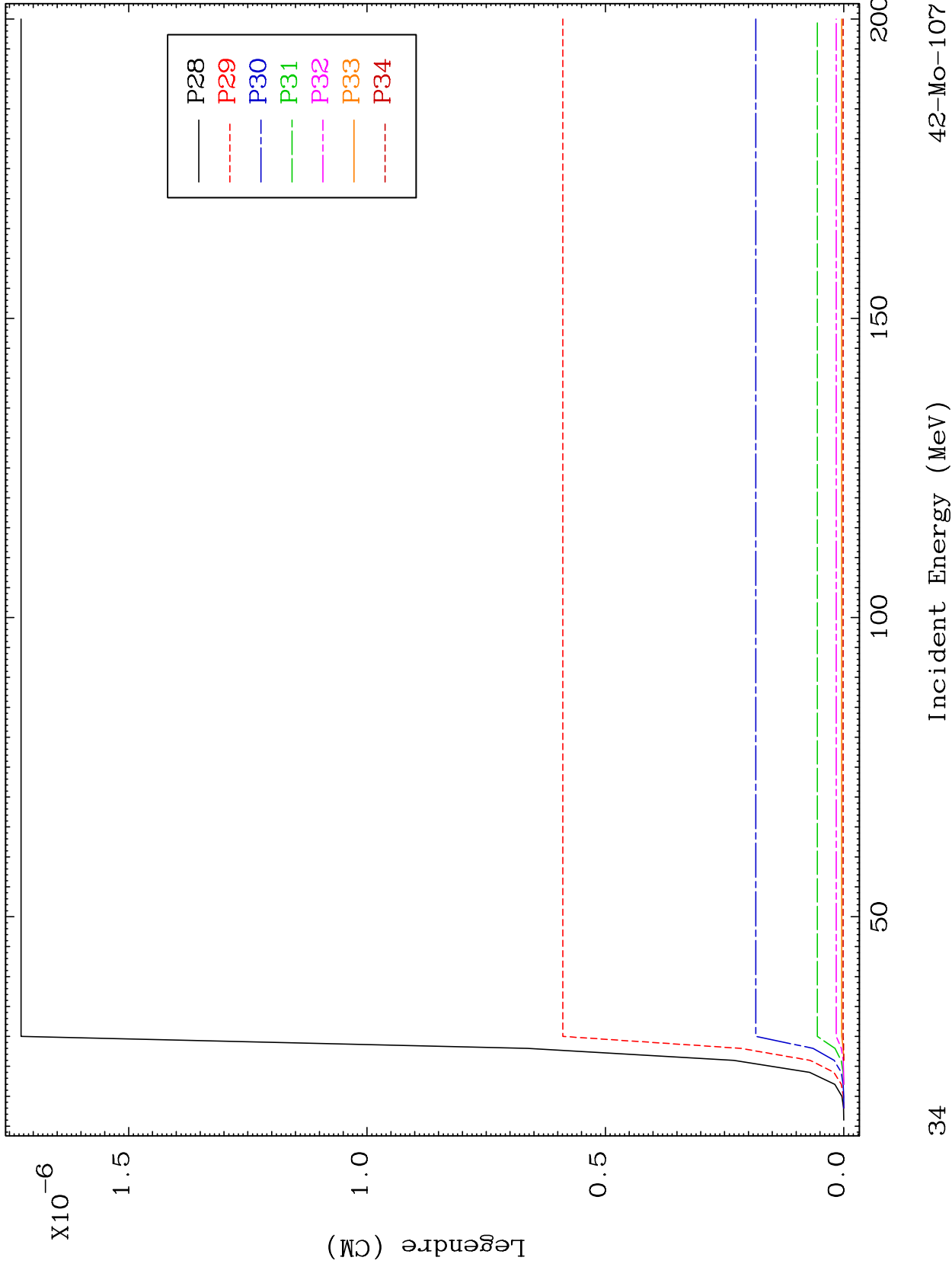




MAT 4270

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

42-Mo-107



34

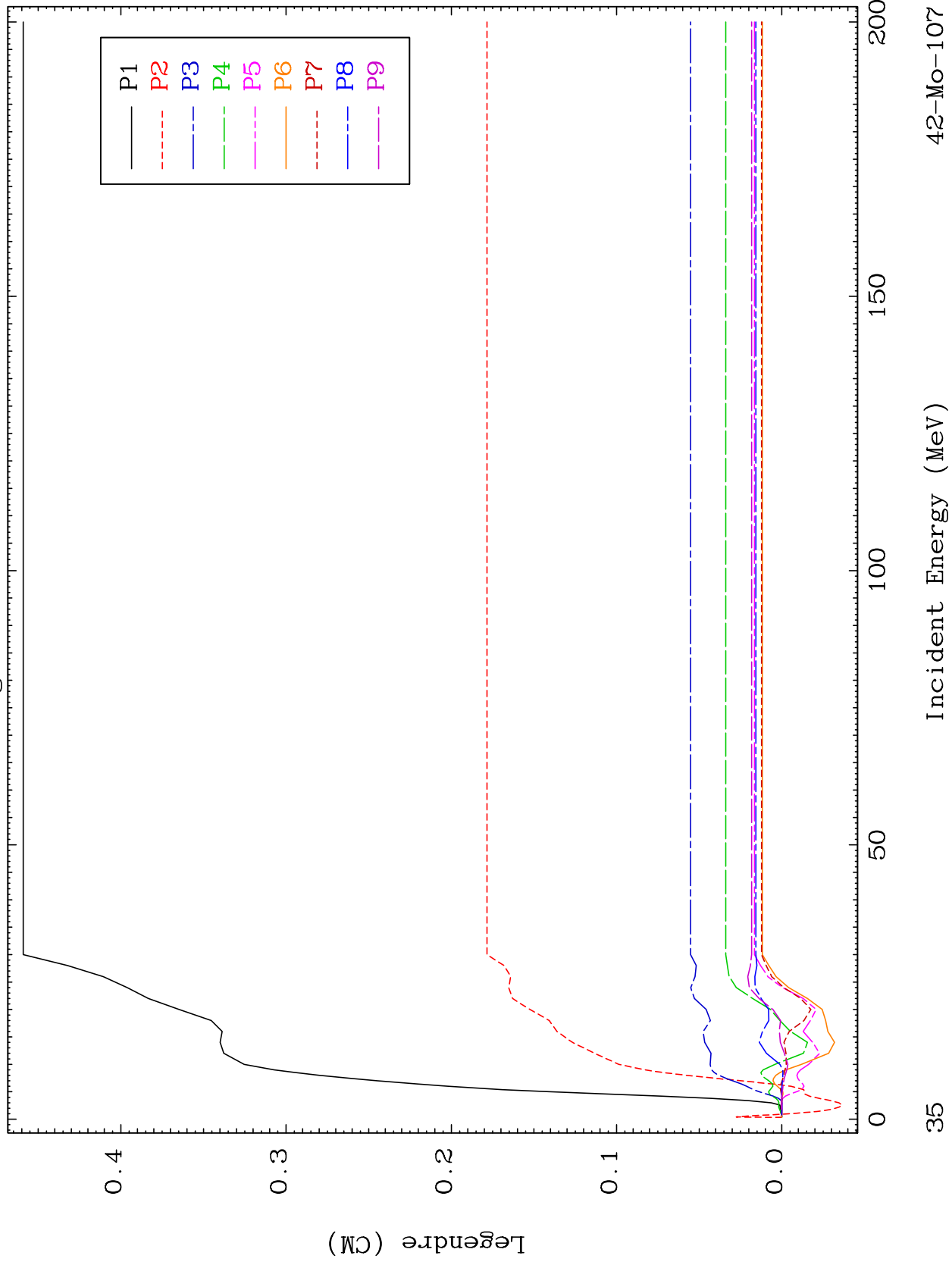
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



42-Mo-107

Incident Energy (MeV)

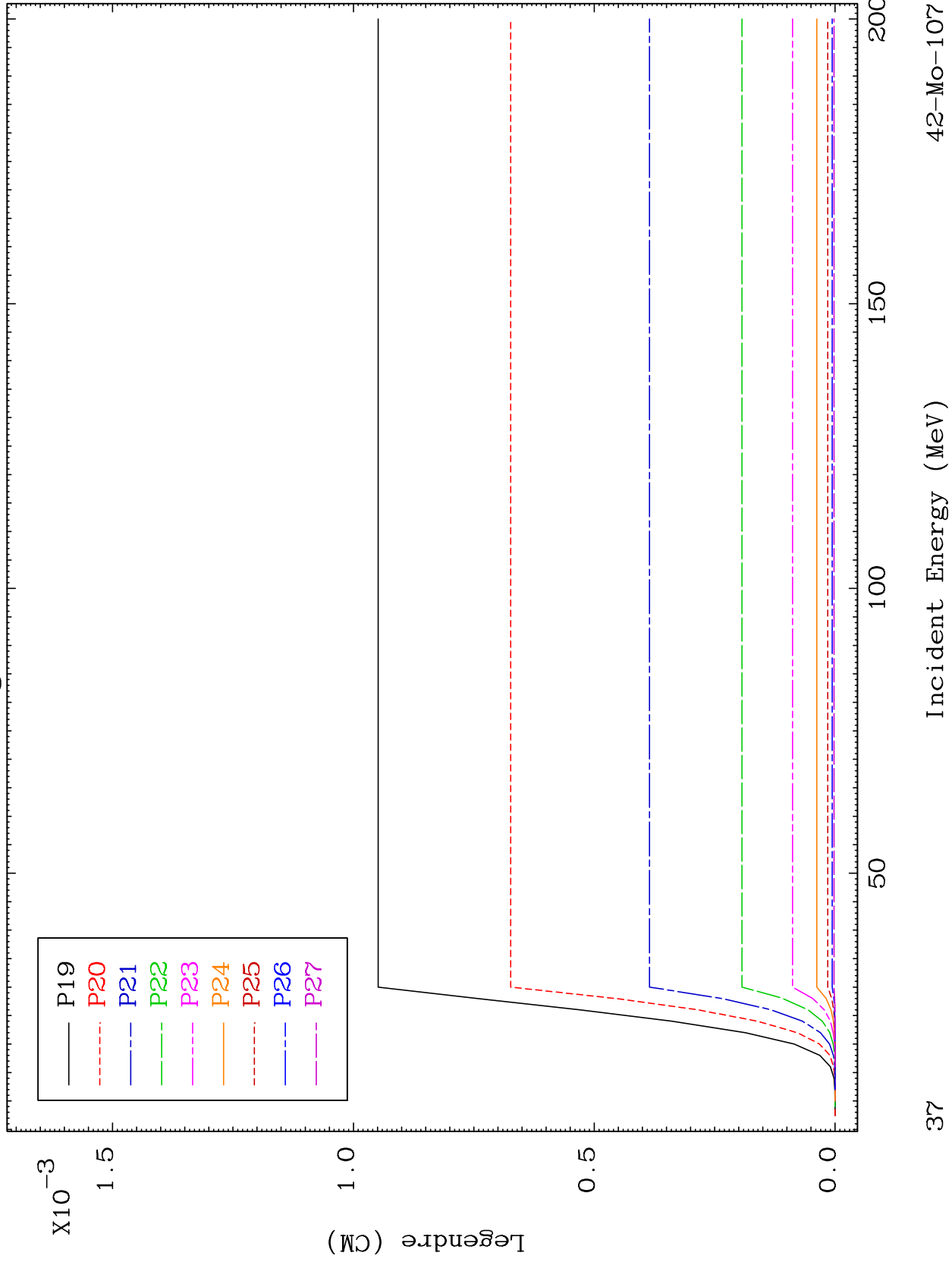
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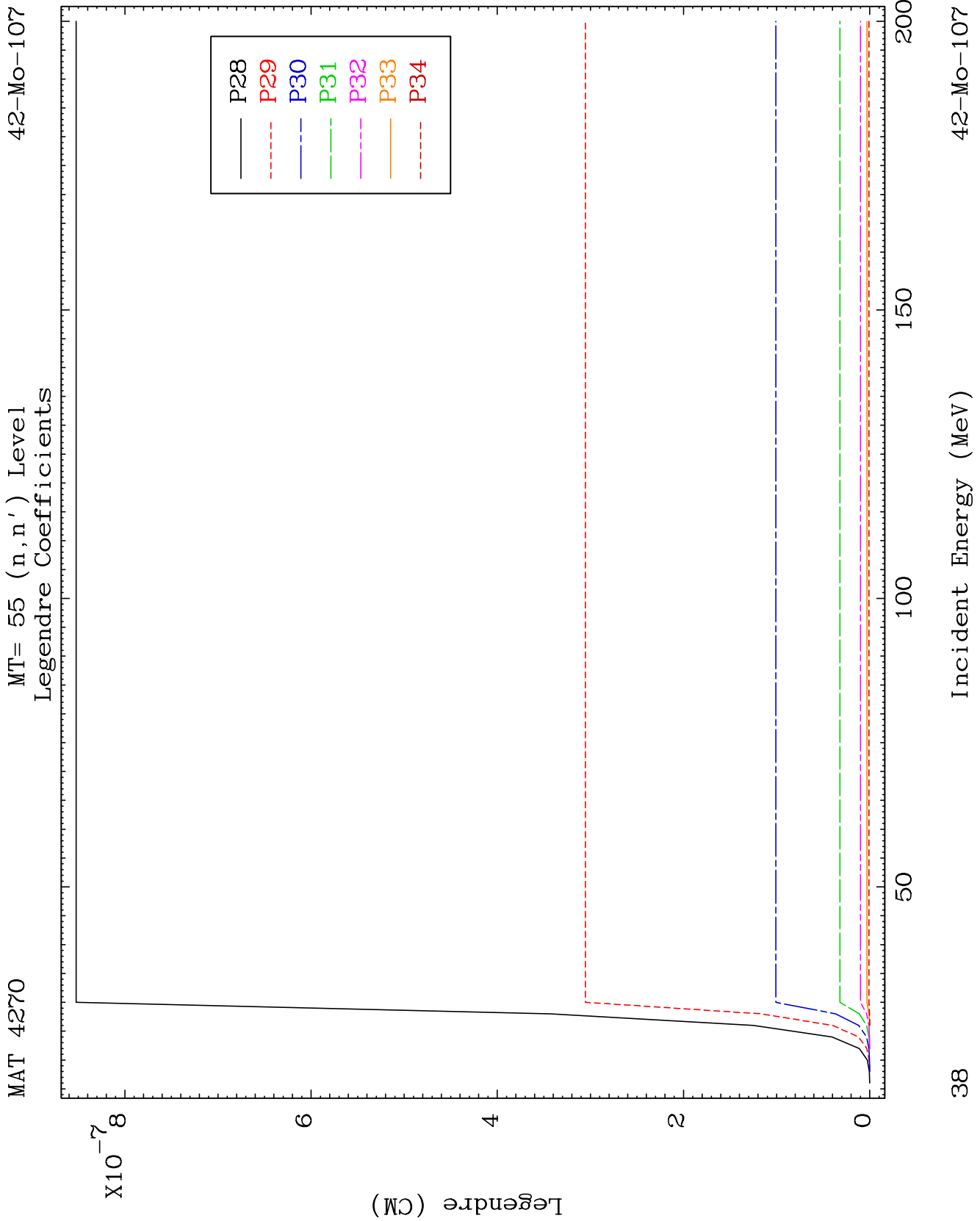


MAT 4270

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

42-Mo-107

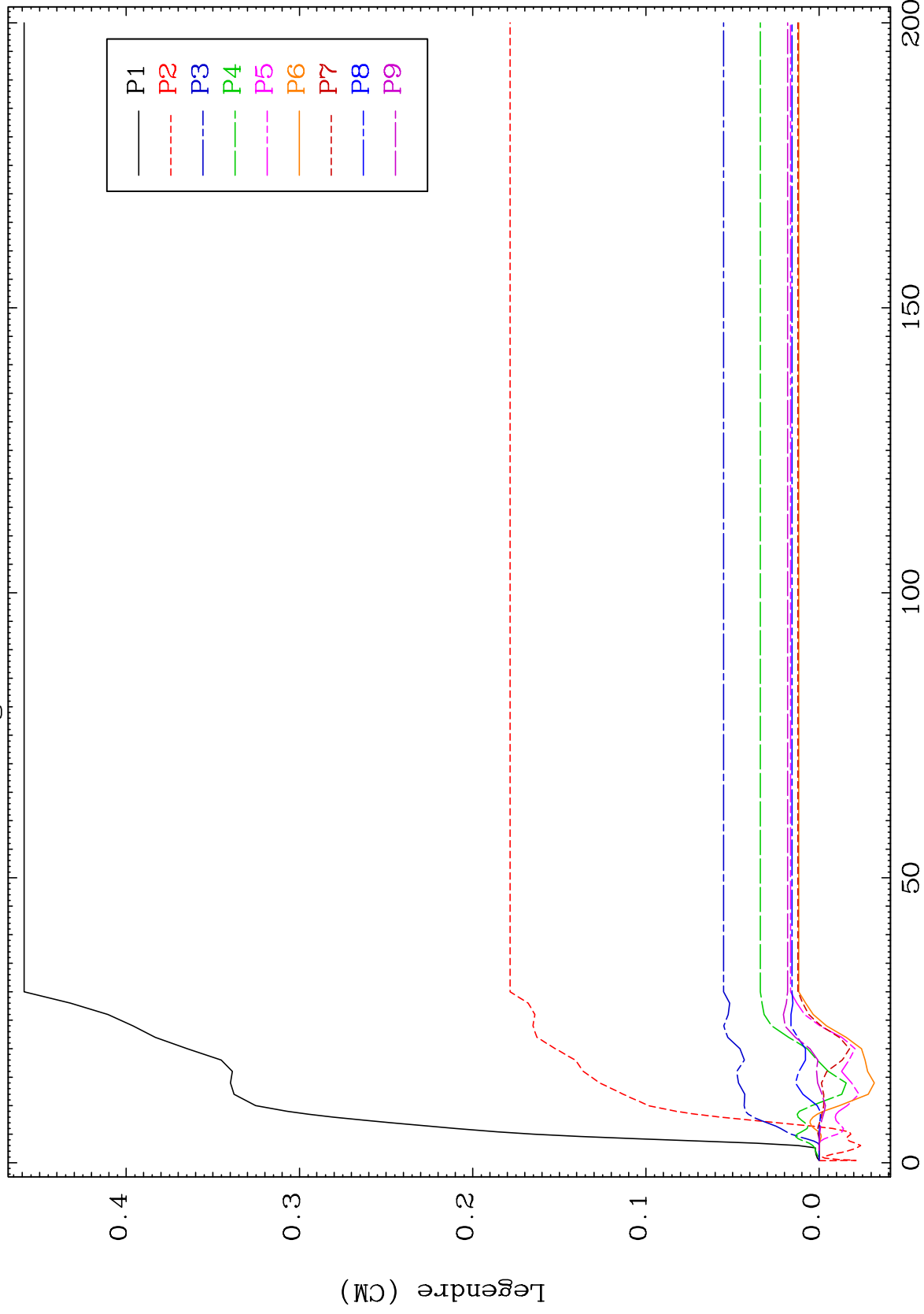




MAT 4270

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

42-Mo-107

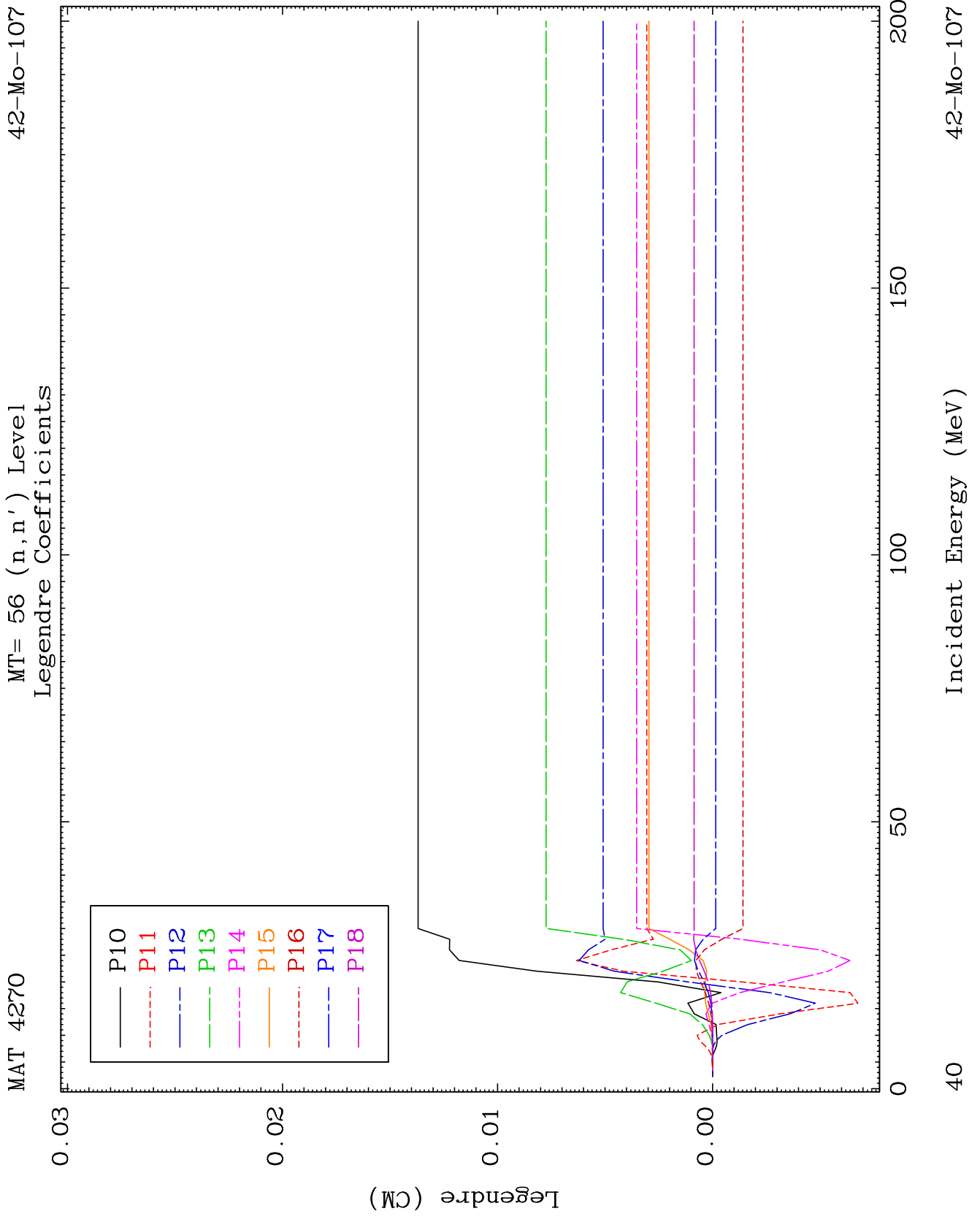


39

Incident Energy (MeV)

42-Mo-107

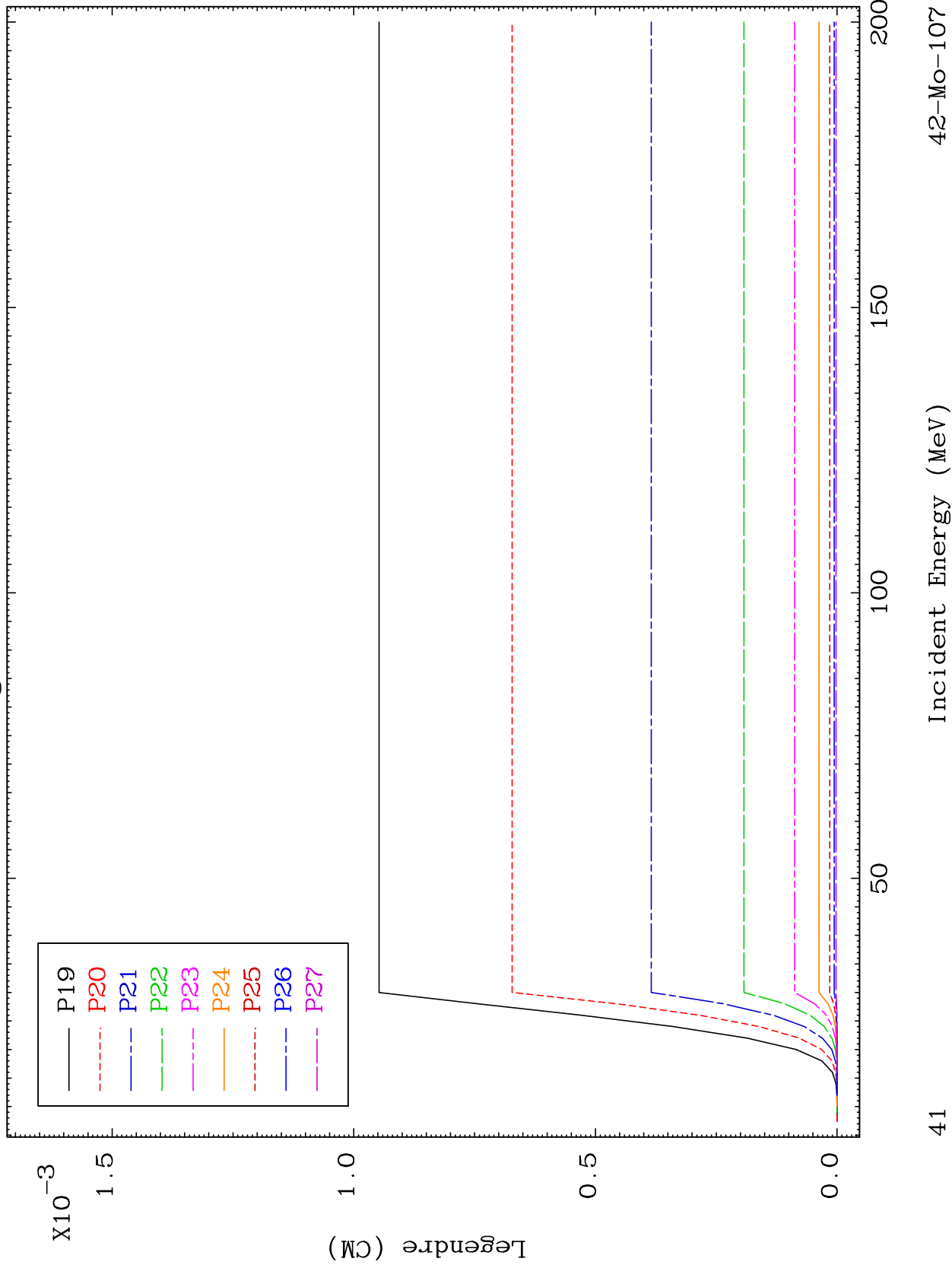


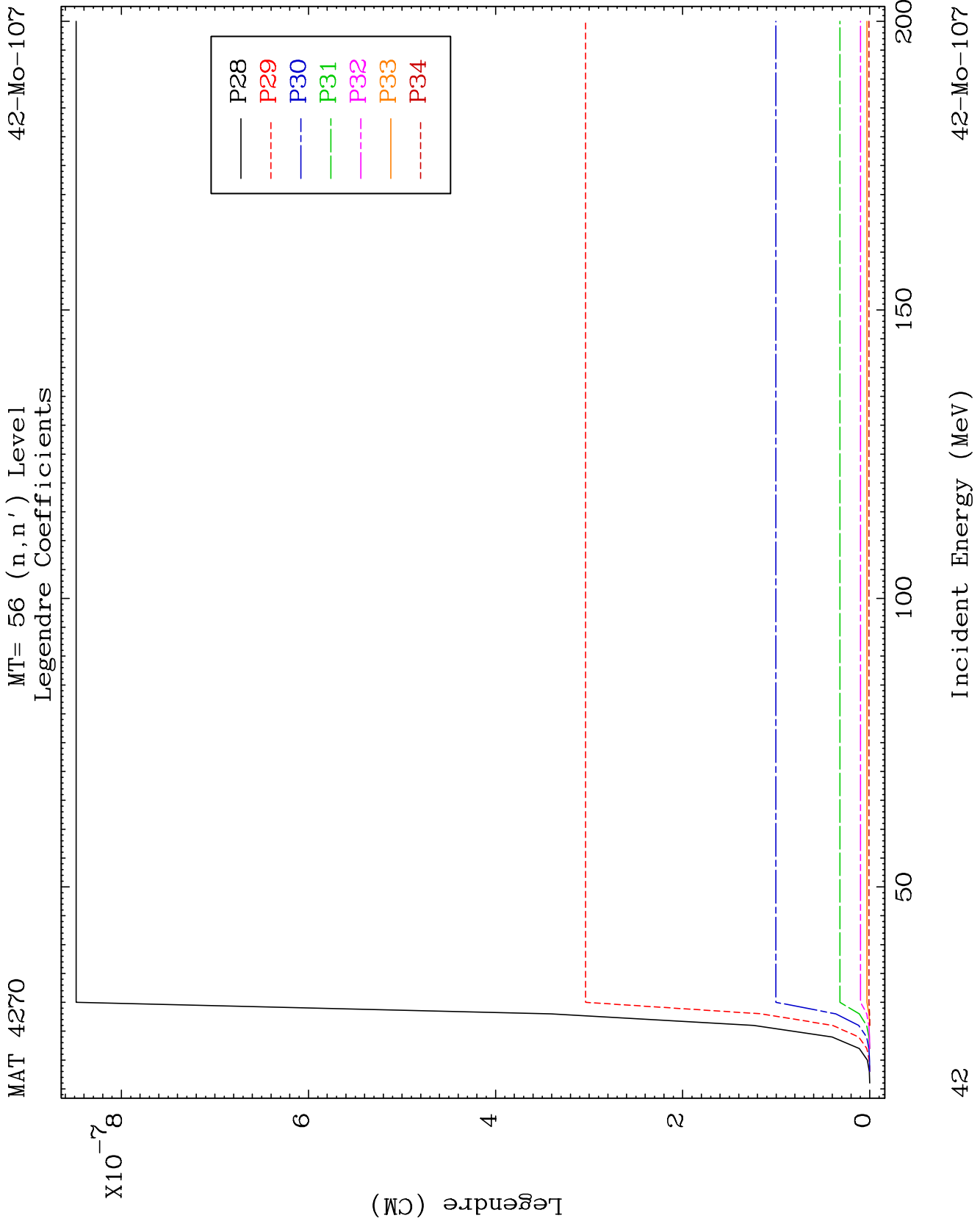


MAT 4270

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

42-Mo-107

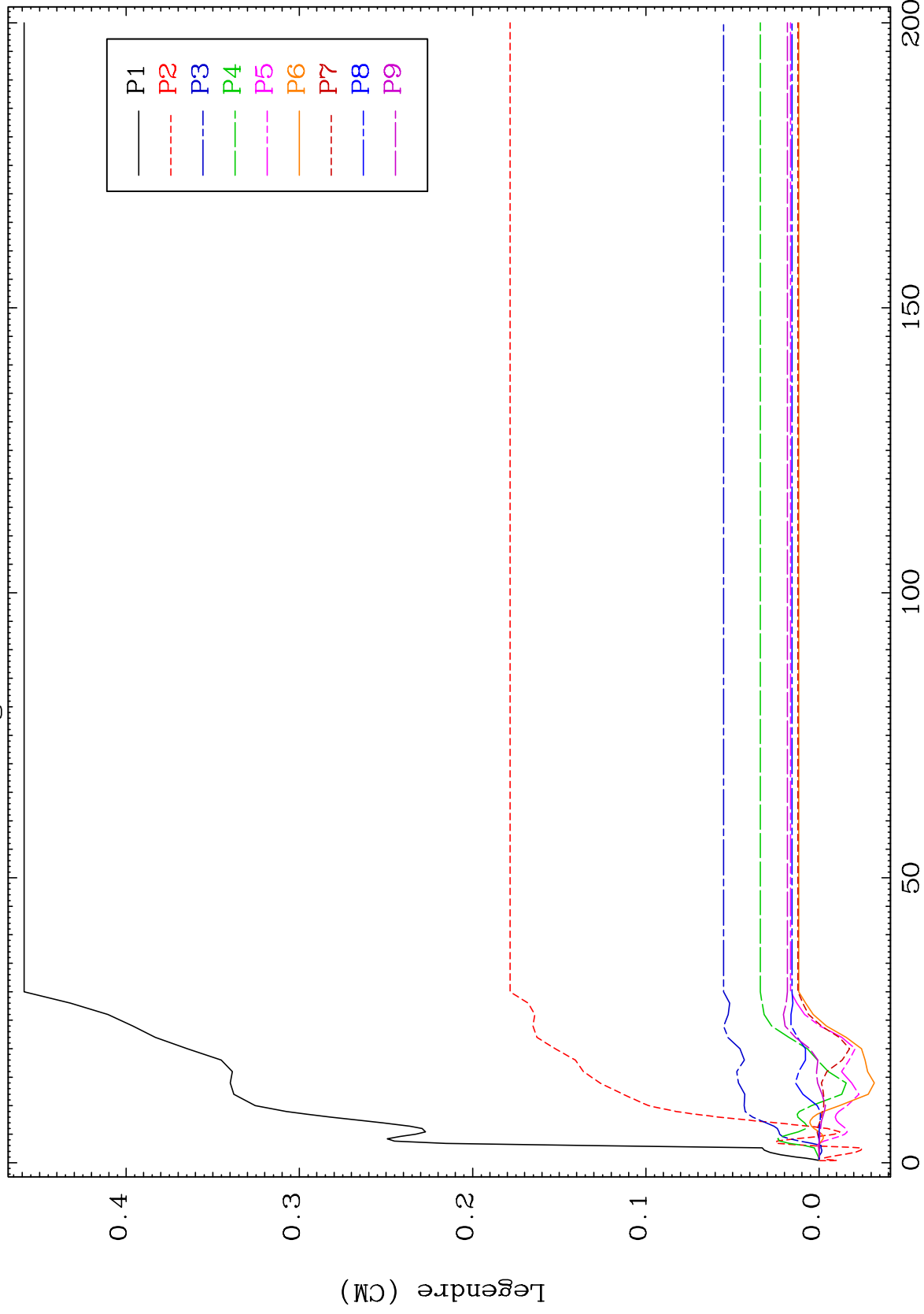




MAT 4270

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

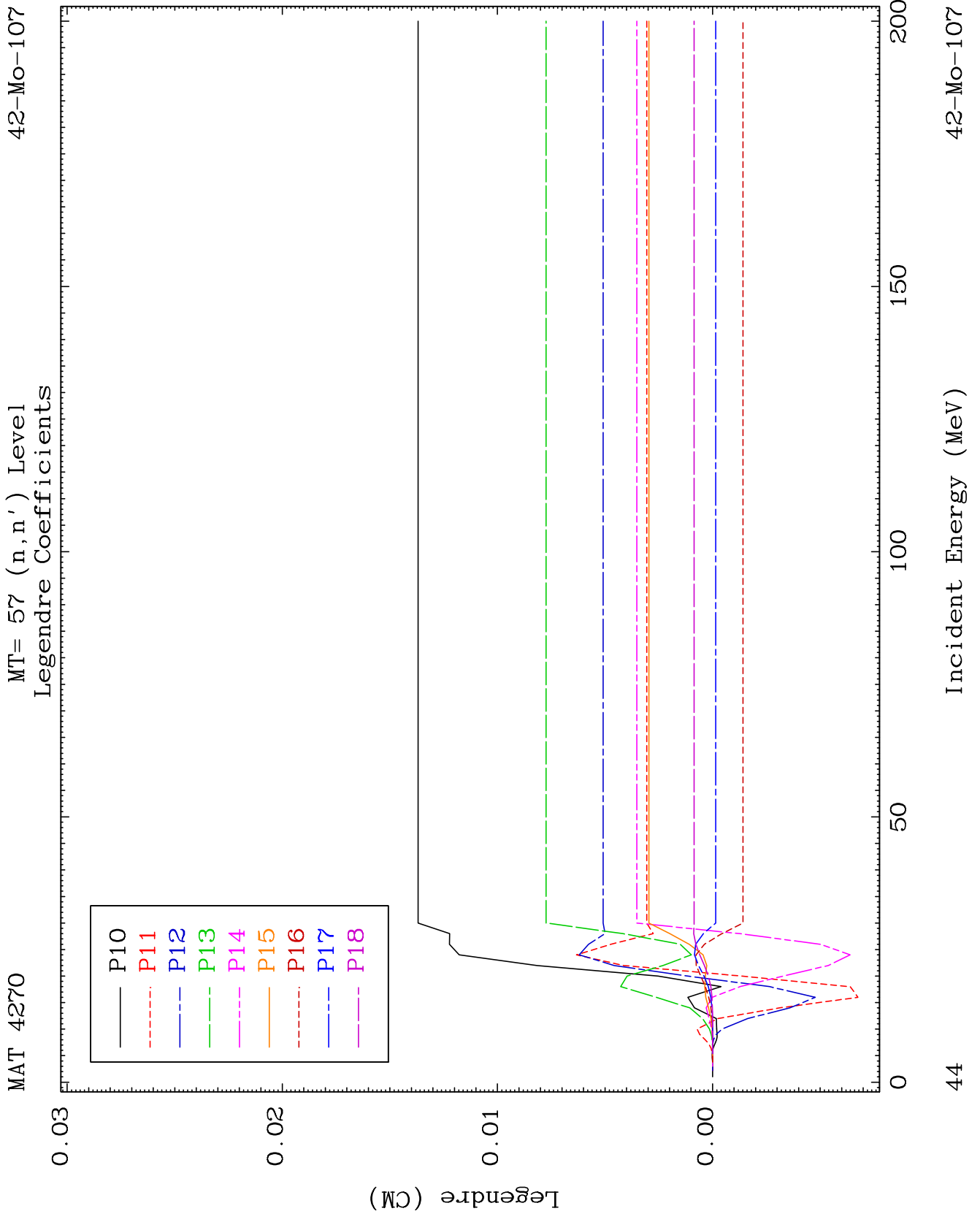
42-Mo-107



43

Incident Energy (MeV)

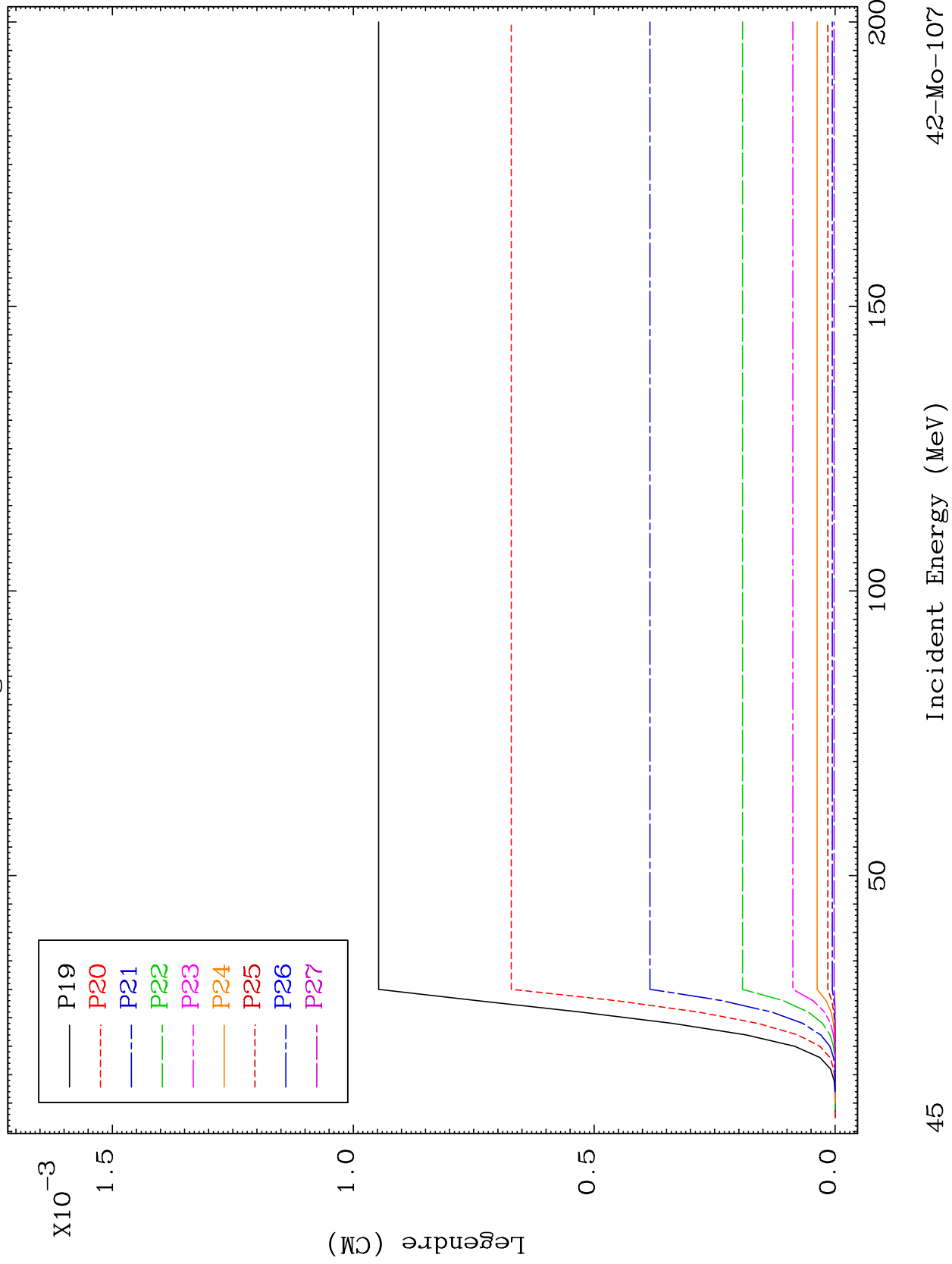
42-Mo-107



MAT 4270

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

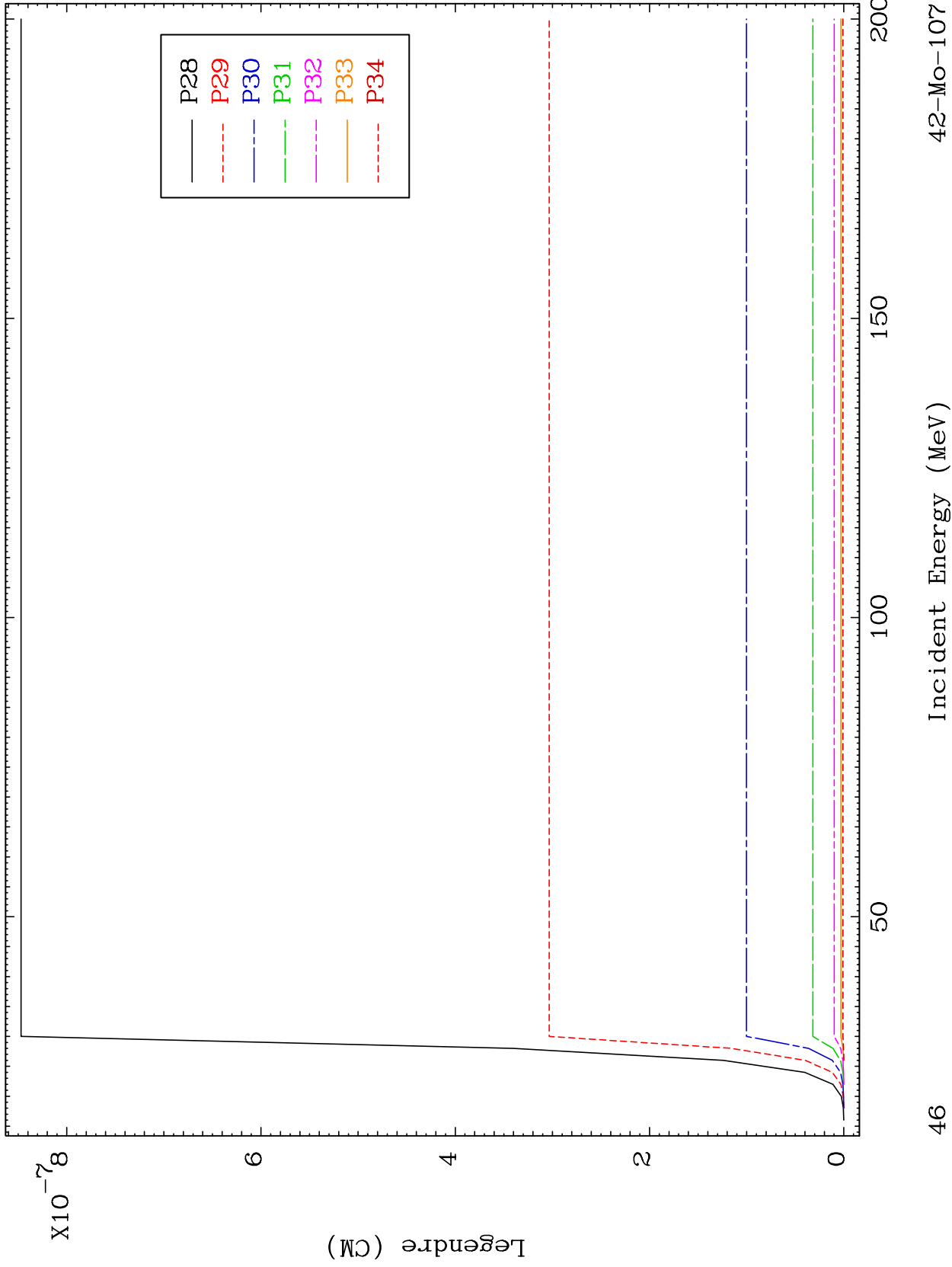
42-Mo-107



MAT 4270

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

42-Mo-107



46

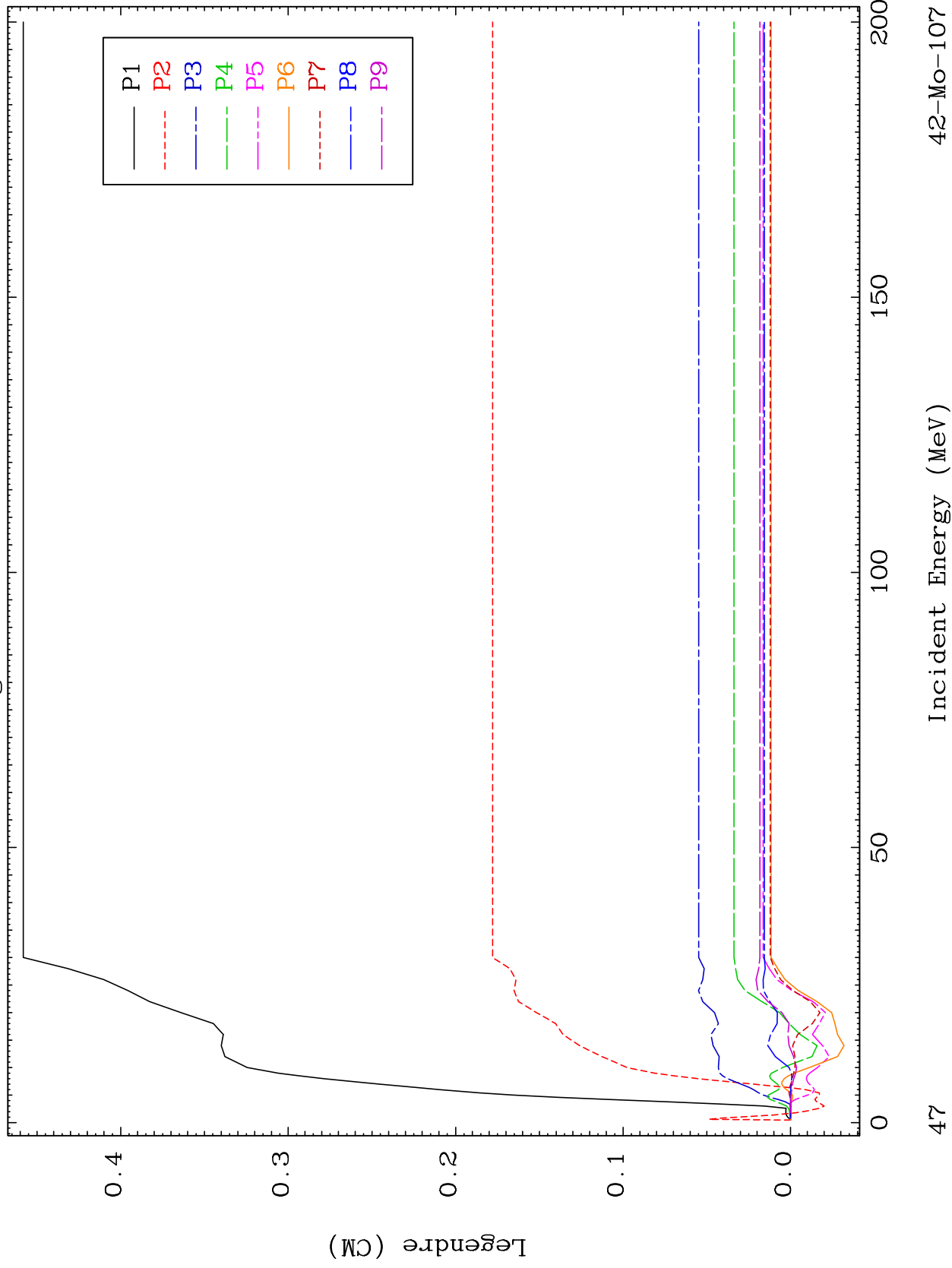
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



47

Incident Energy (MeV)

42-Mo-107

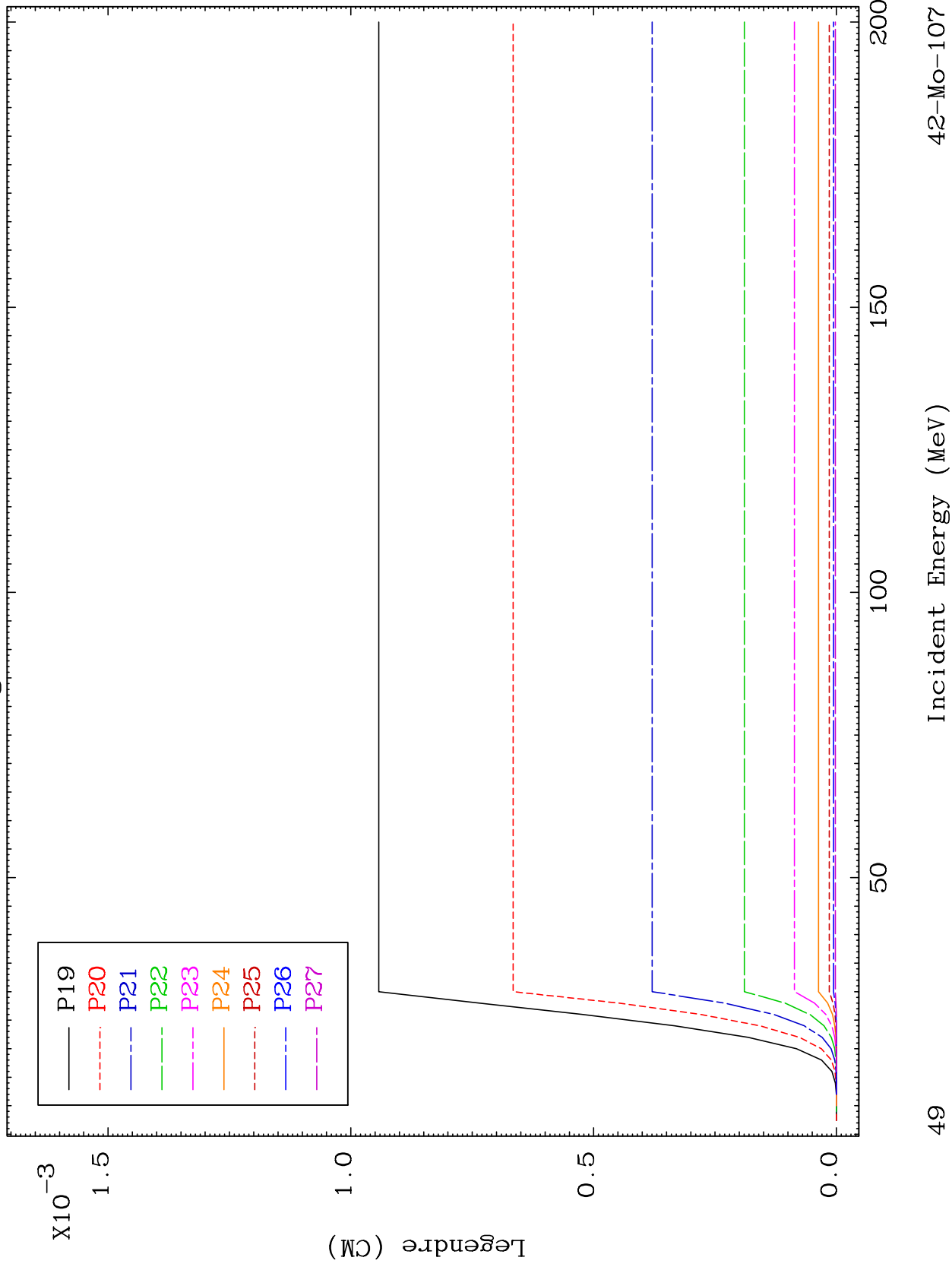




MAT 4270

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

42-Mo-107



49

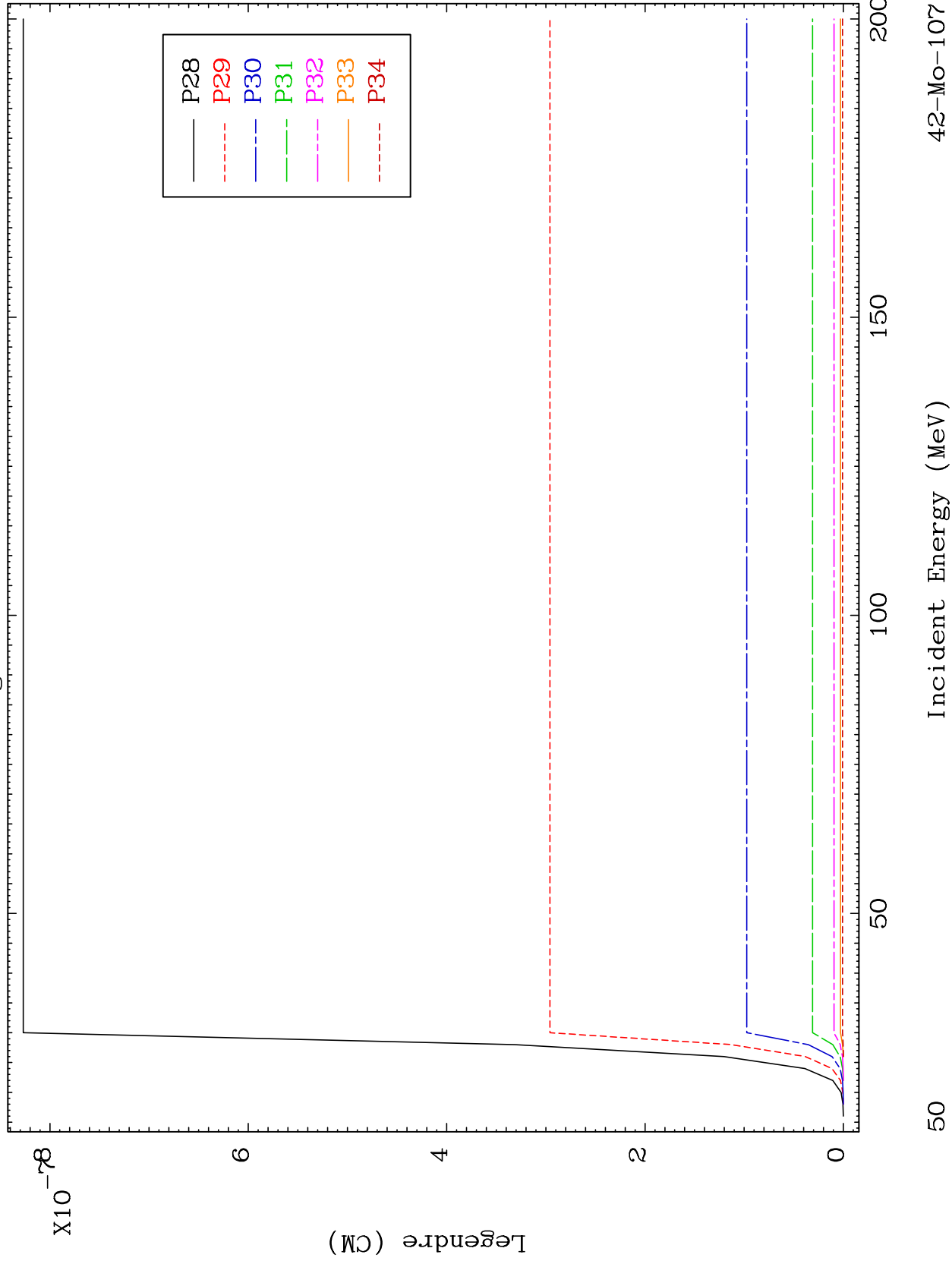
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

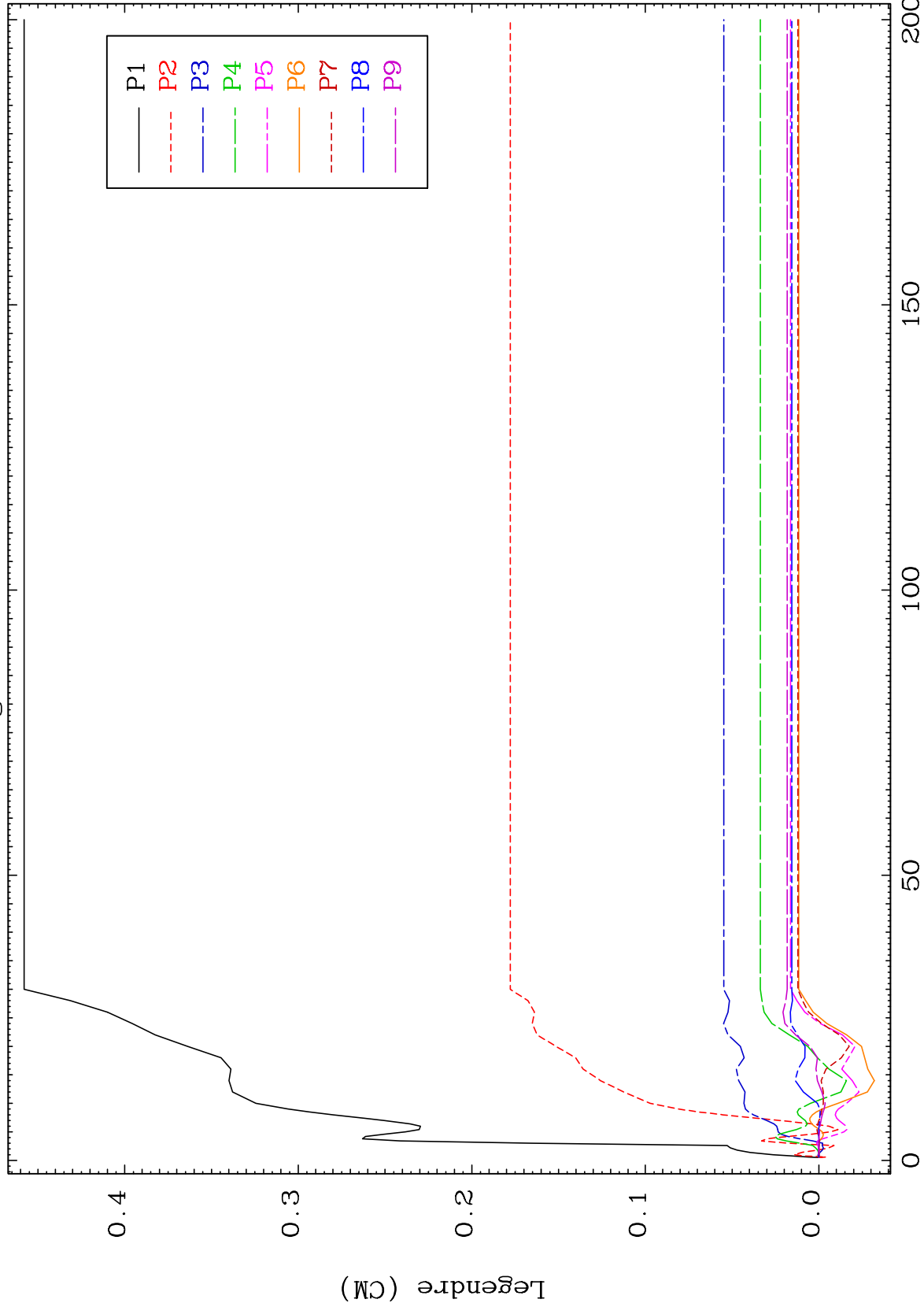
42-Mo-107



MAT 4270

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

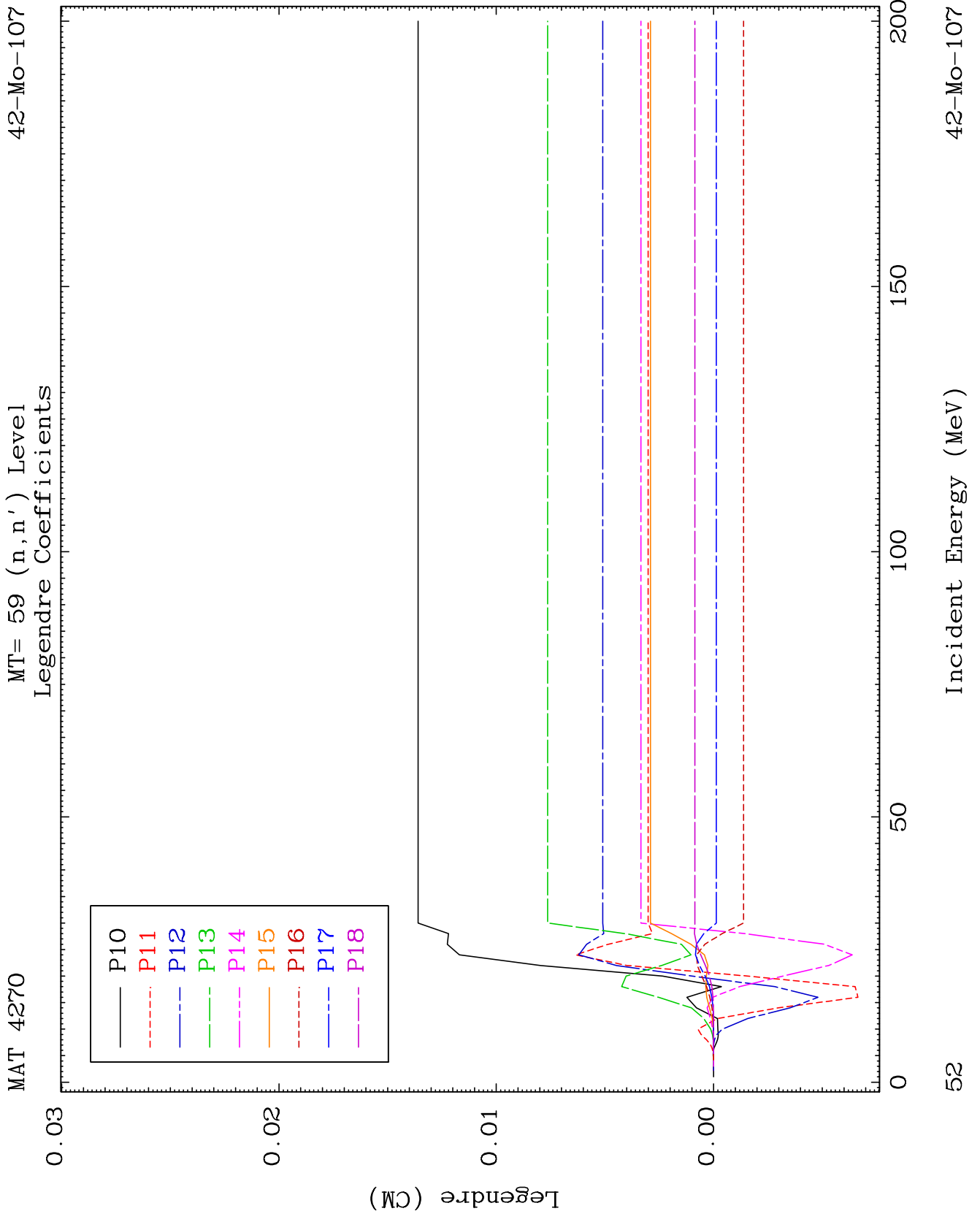
42-Mo-107



51

Incident Energy (MeV)

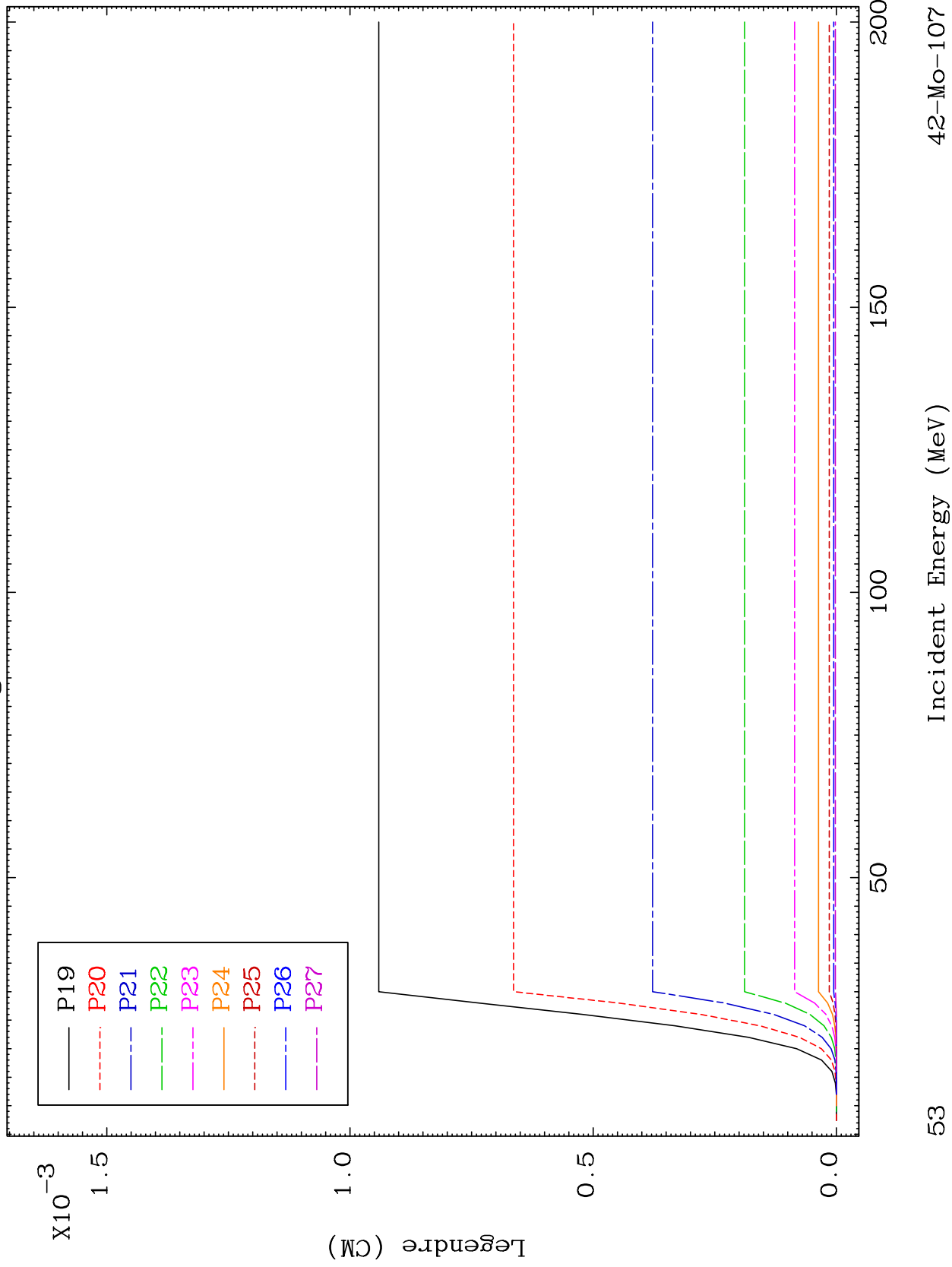
42-Mo-107



MAT 4270

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

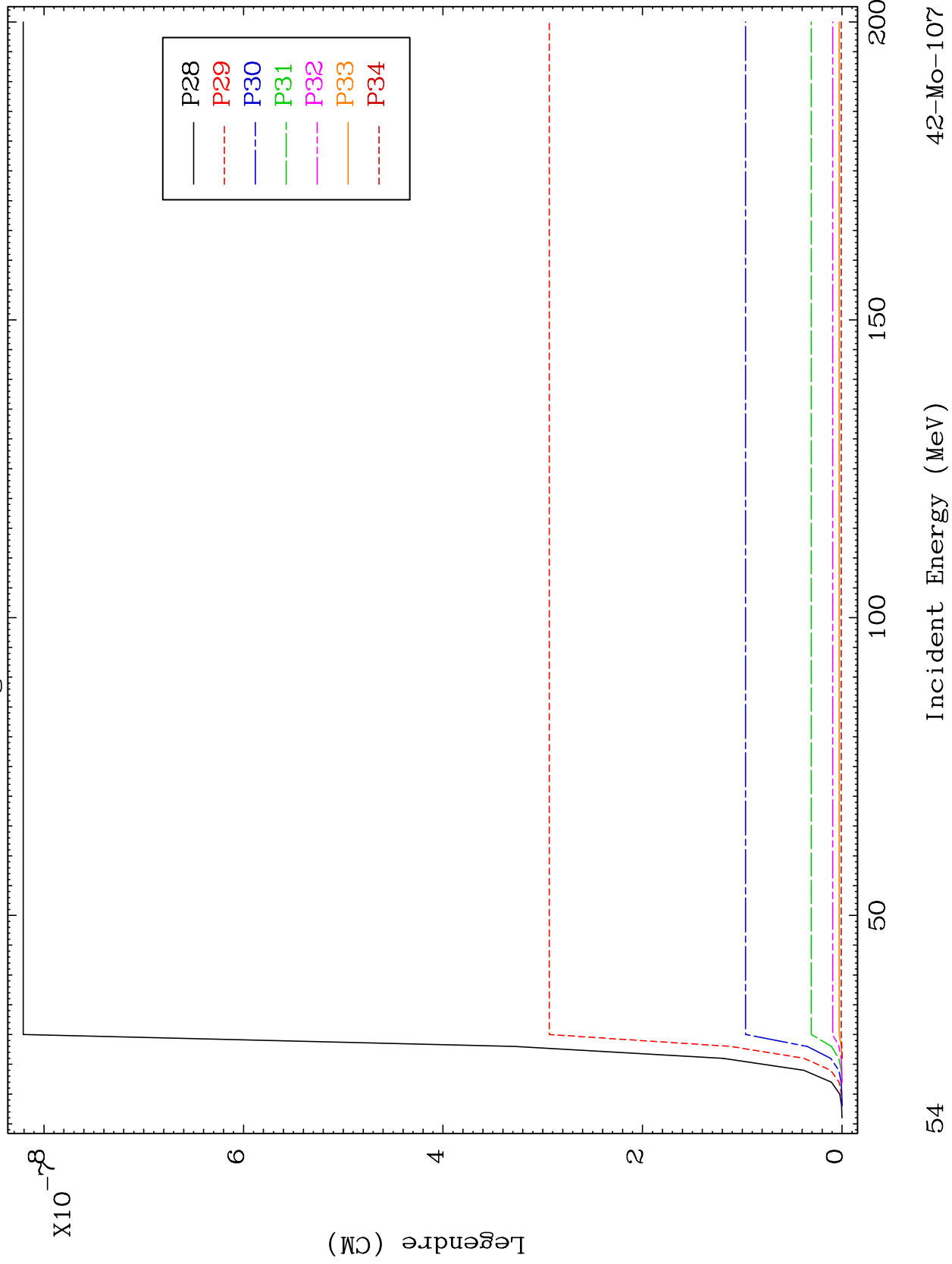
42-Mo-107



MAT 4270

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

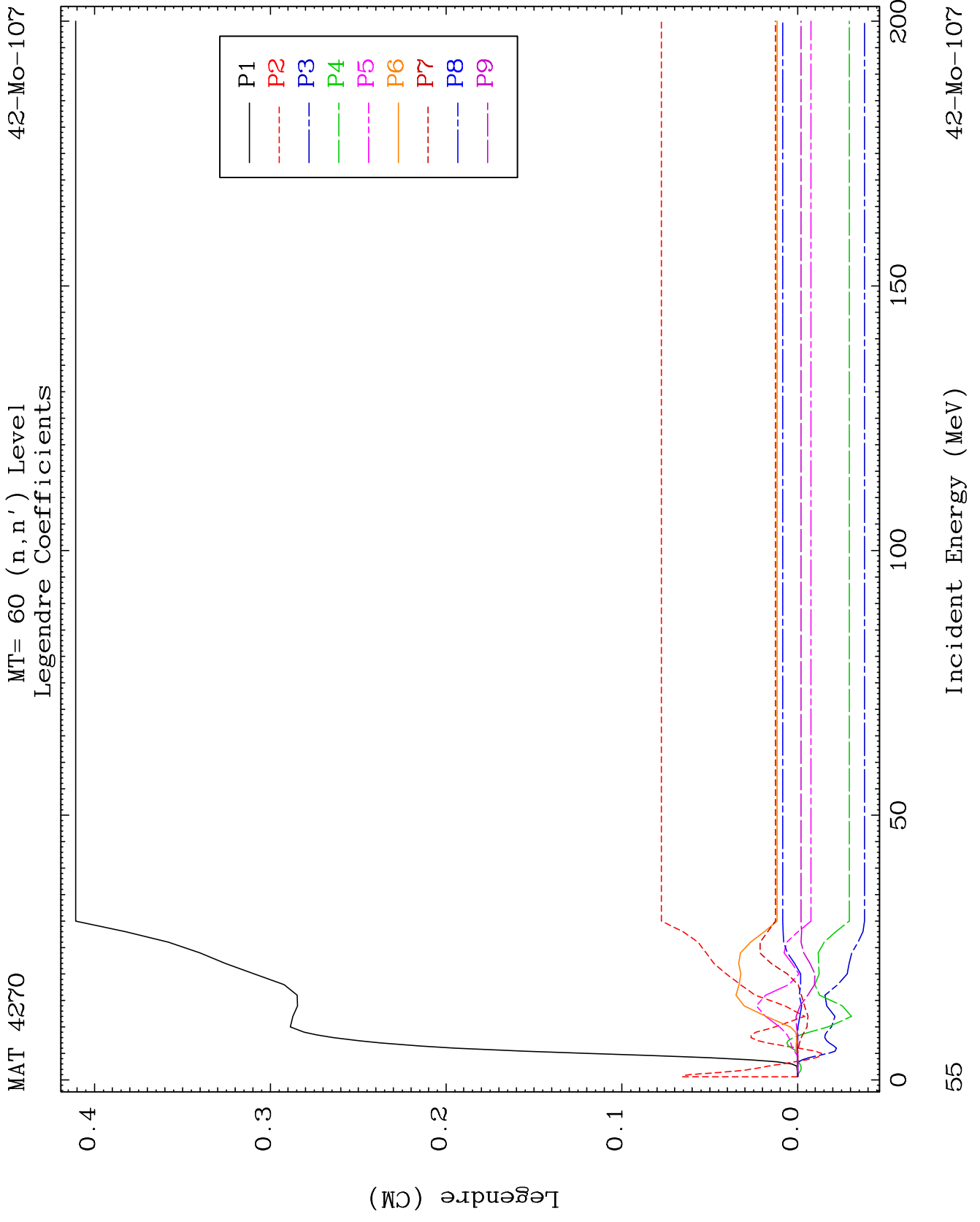
42-Mo-107



54

Incident Energy (MeV)

42-Mo-107

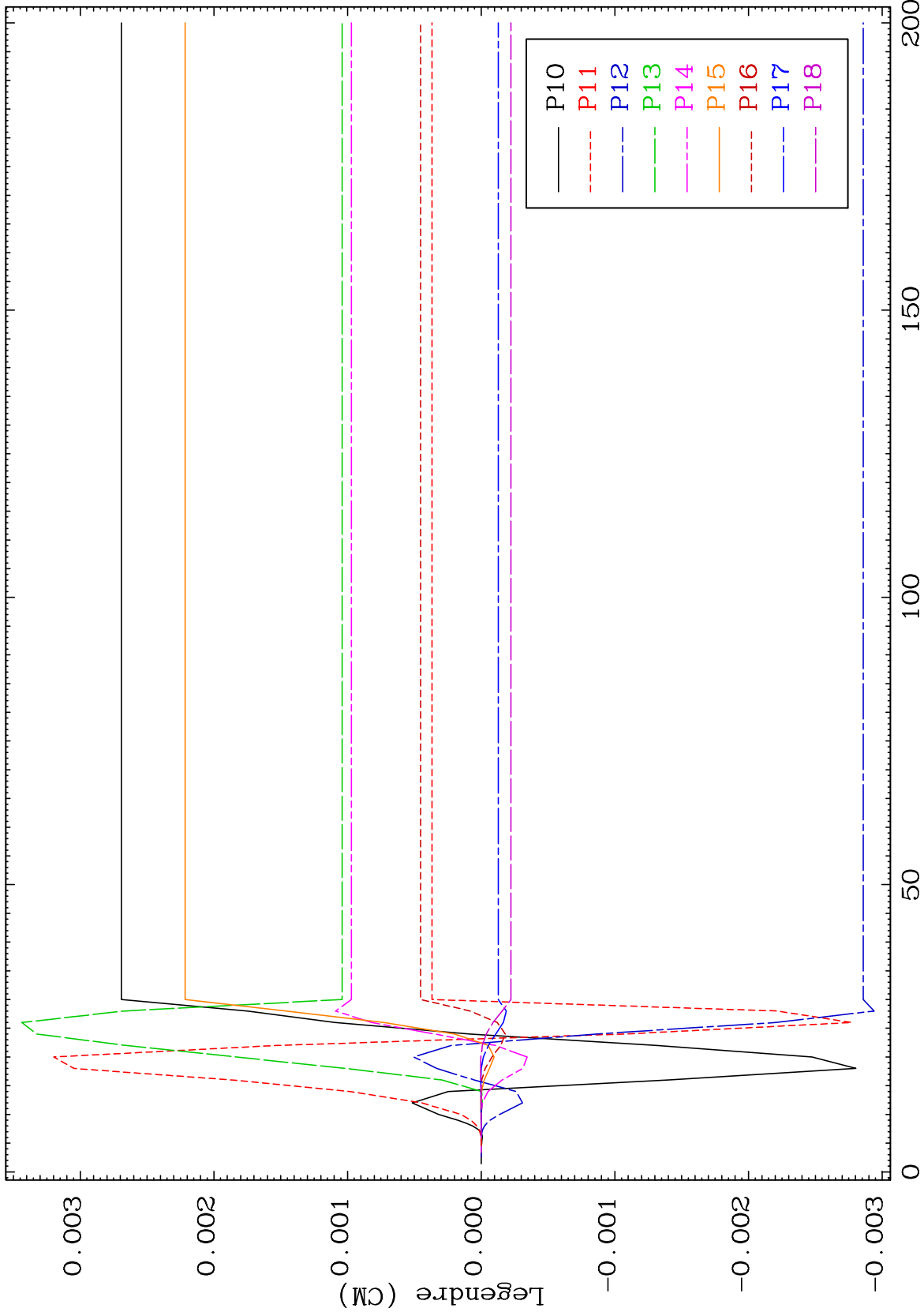




MAT 4270

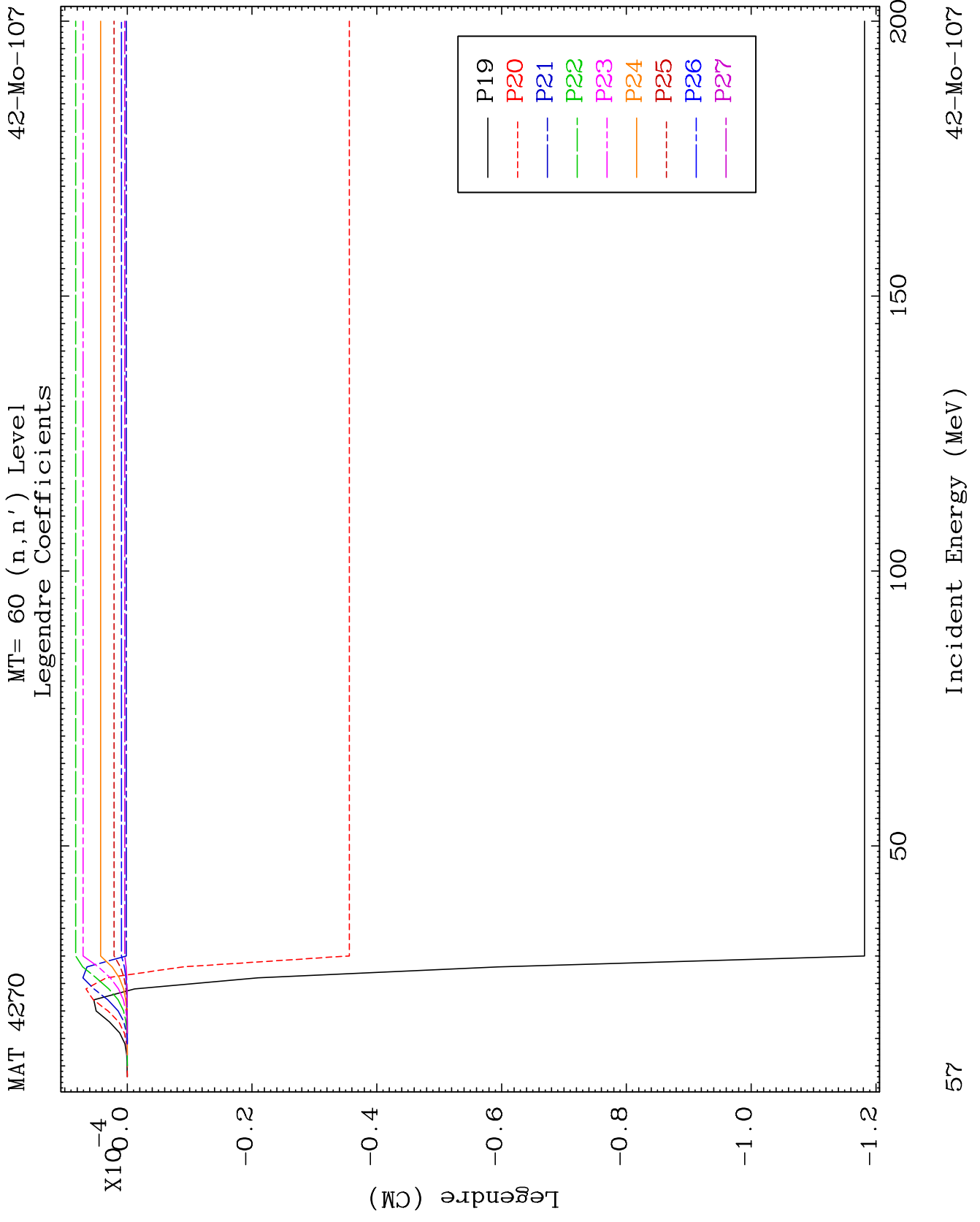
MT= 60 (n,n') Level  
Legendre Coefficients

42-Mo-107



56

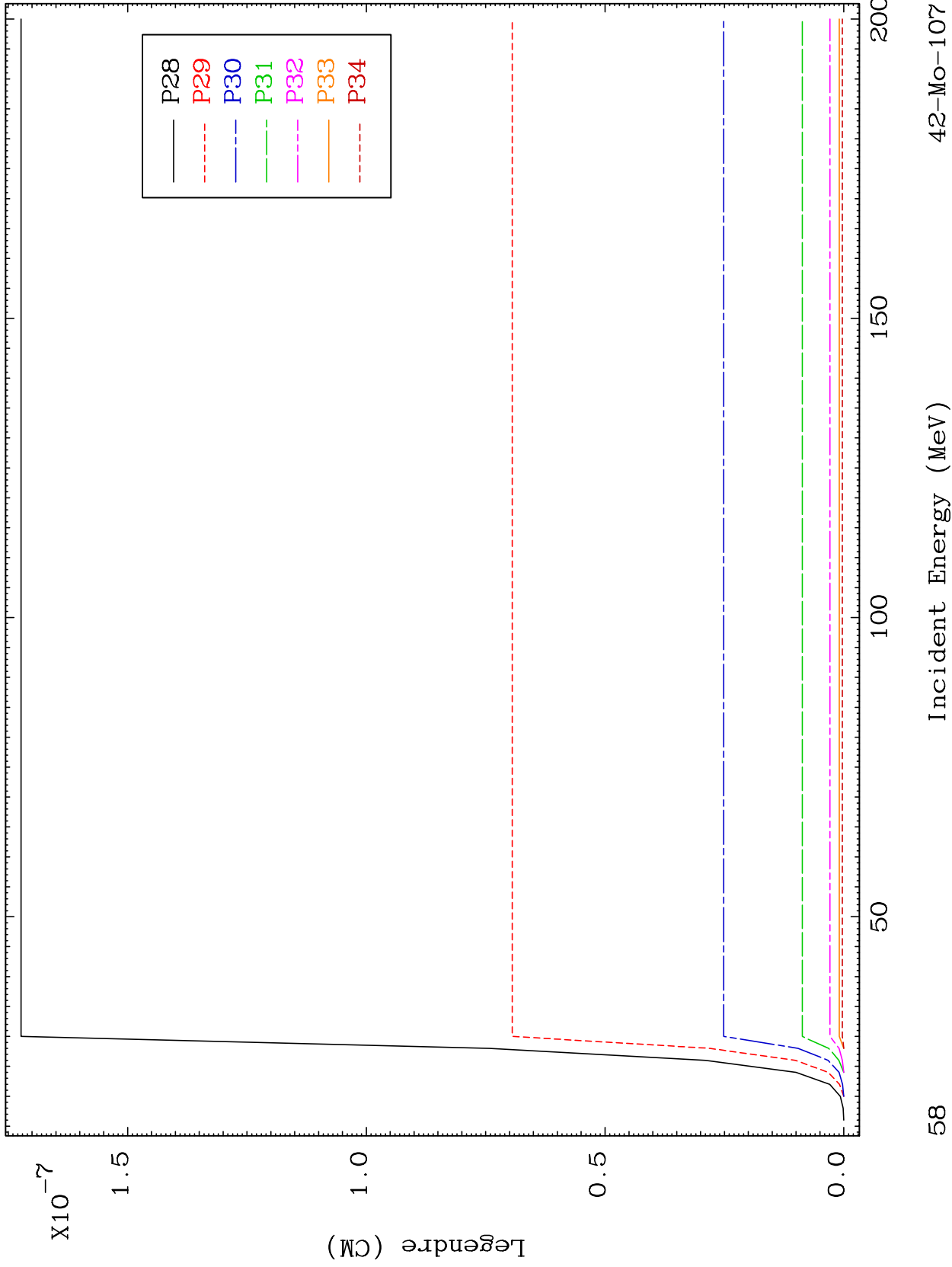
42-Mo-107



MAT 4270

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

42-Mo-107



58

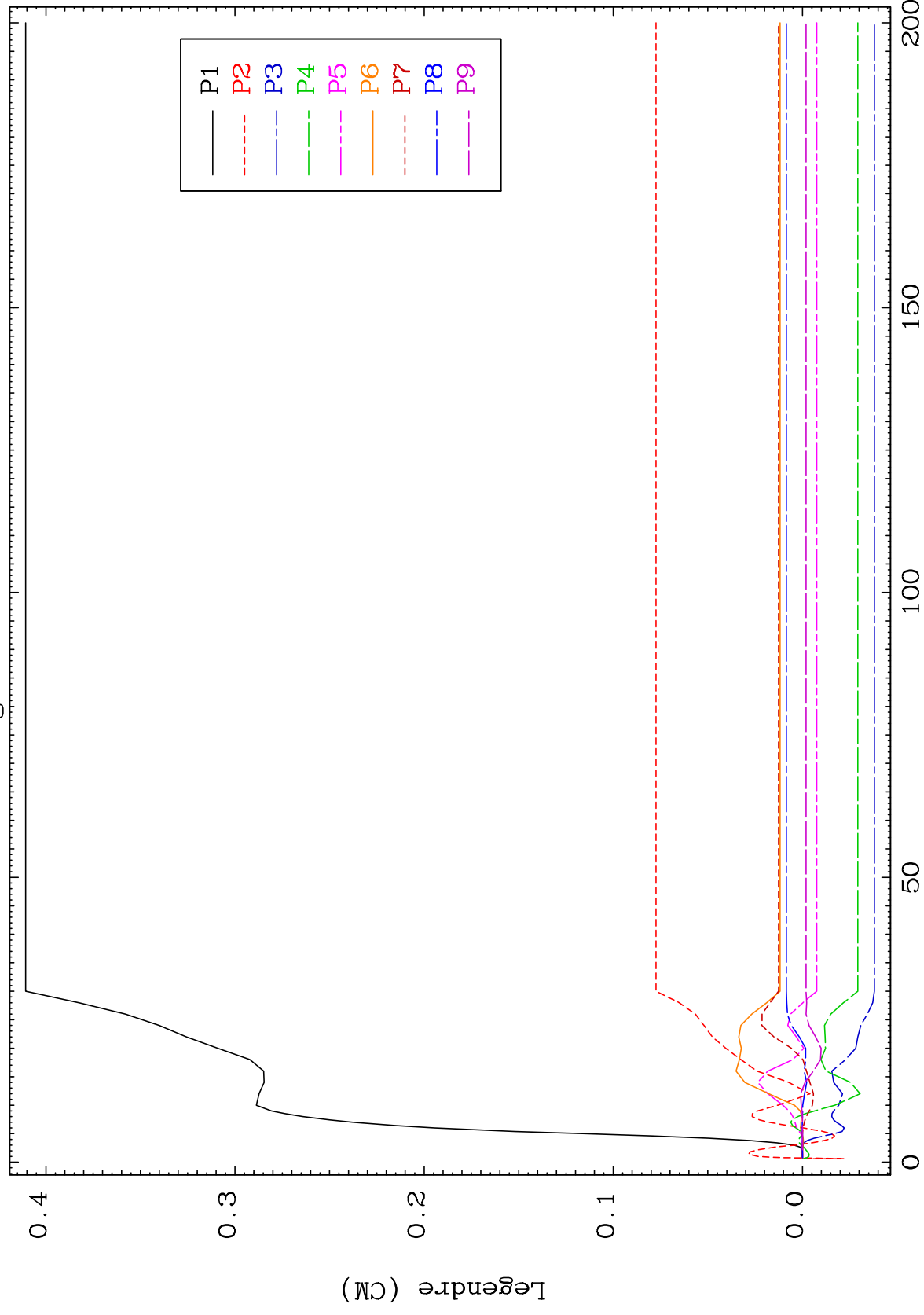
Incident Energy (MeV)

42-Mo-107

MAT 4270

MT= 61 (n,n') Level  
Legendre Coefficients

42-Mo-107



59

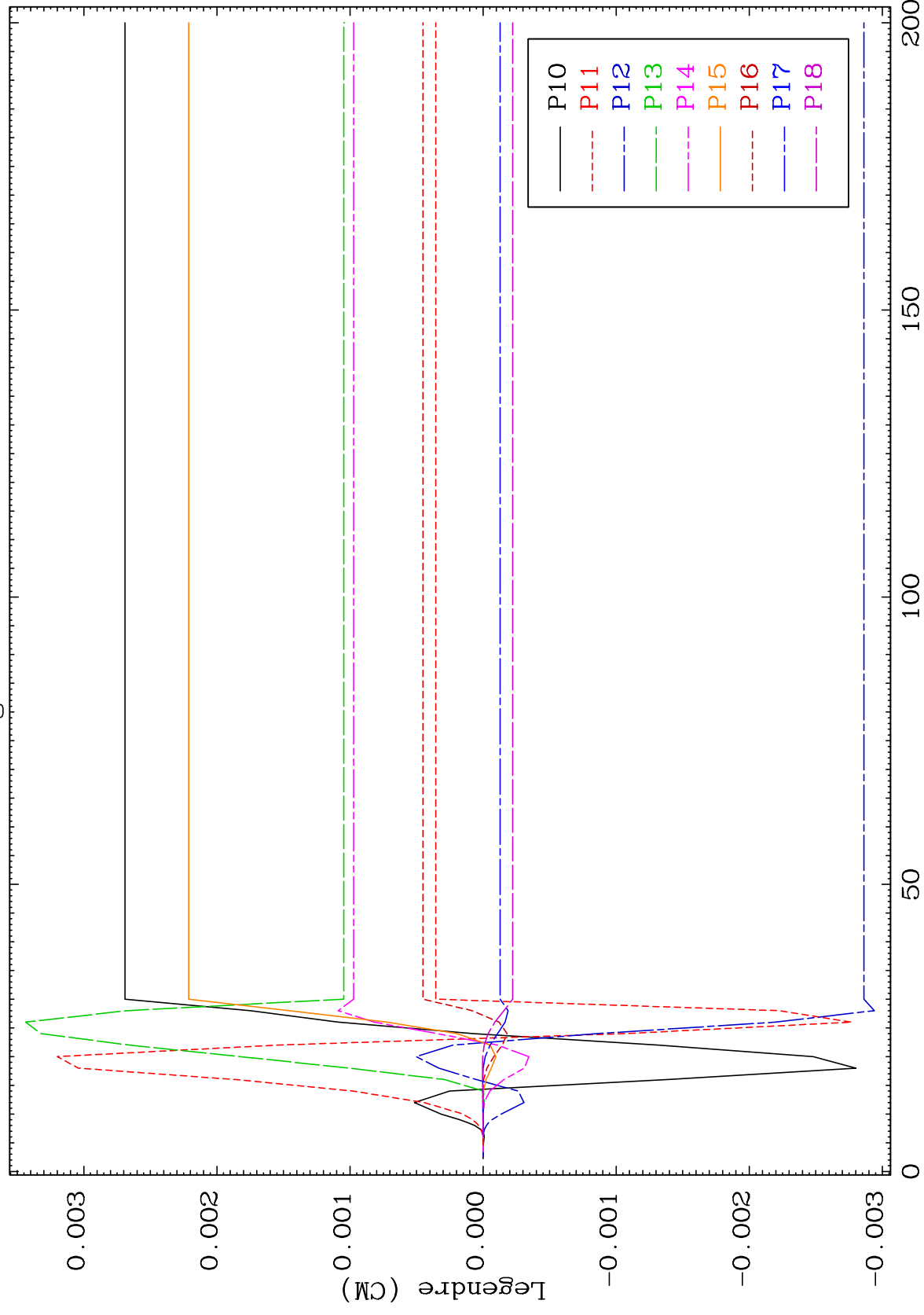
Incident Energy (MeV)

42-Mo-107

MAT 4270

MT= 61 (n,n') Level  
Legendre Coefficients

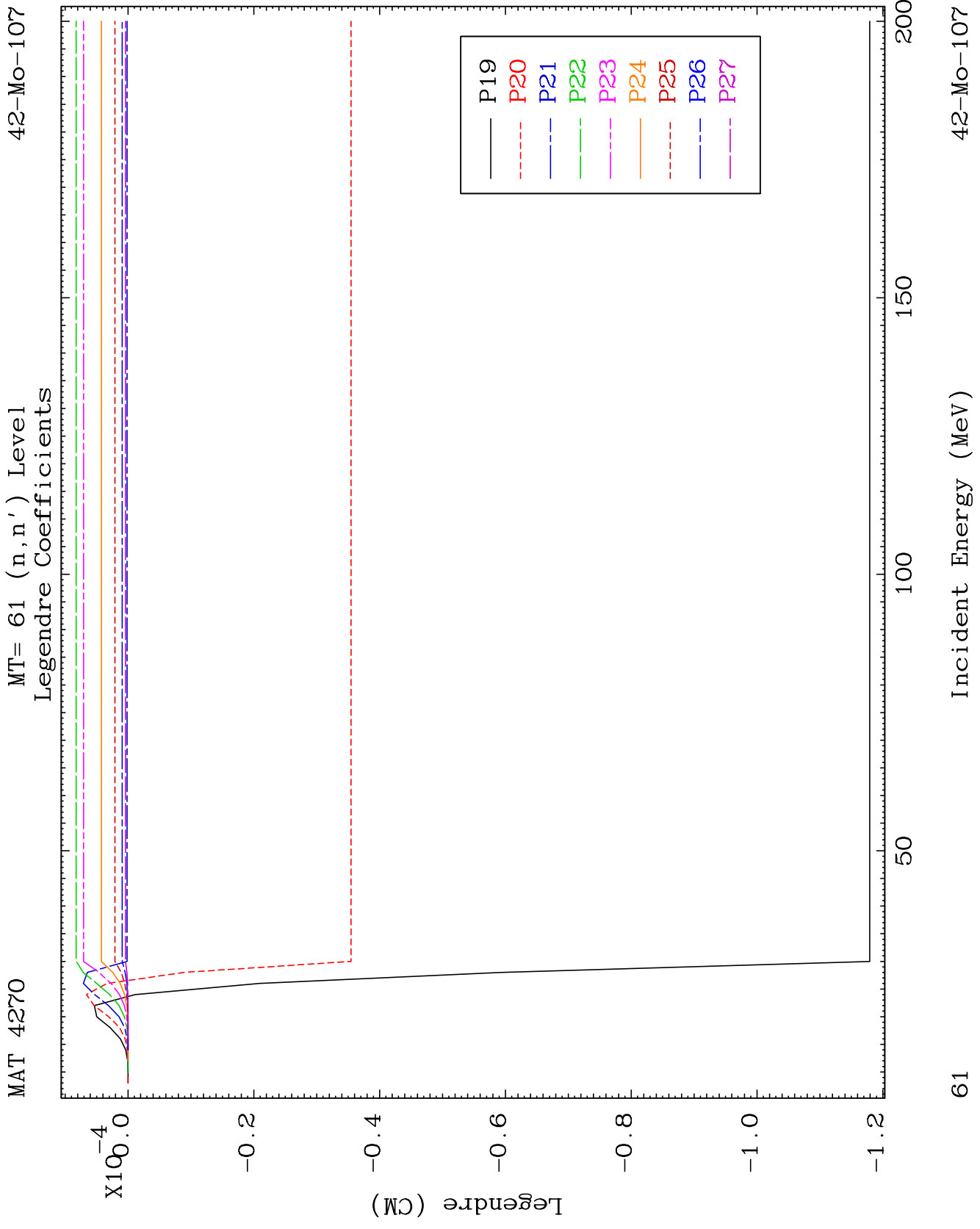
42-Mo-107



60

Incident Energy (MeV)

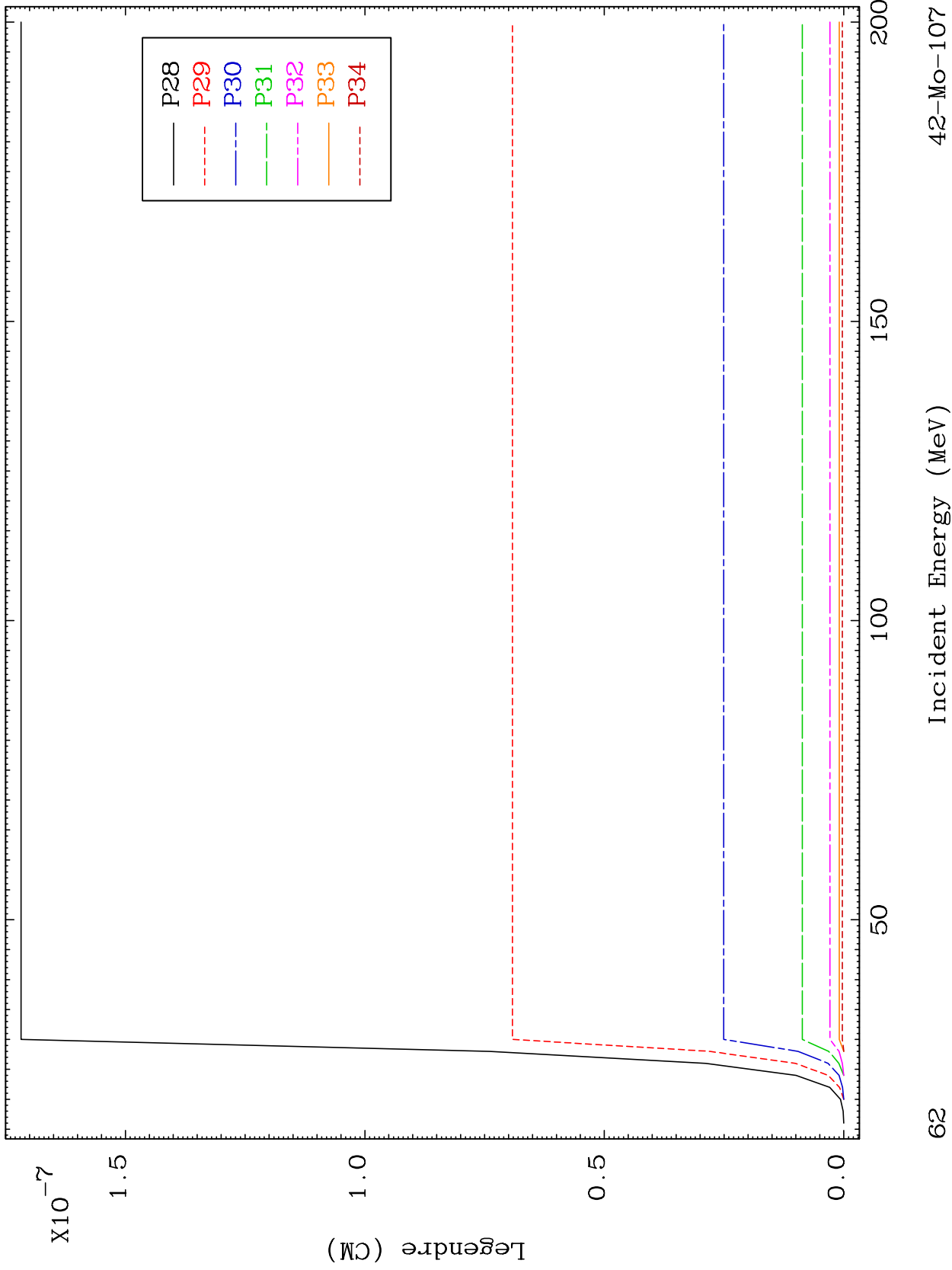
42-Mo-107



MAT 4270

MT= 61 (n,n') Level  
Legendre Coefficients

42-Mo-107



62

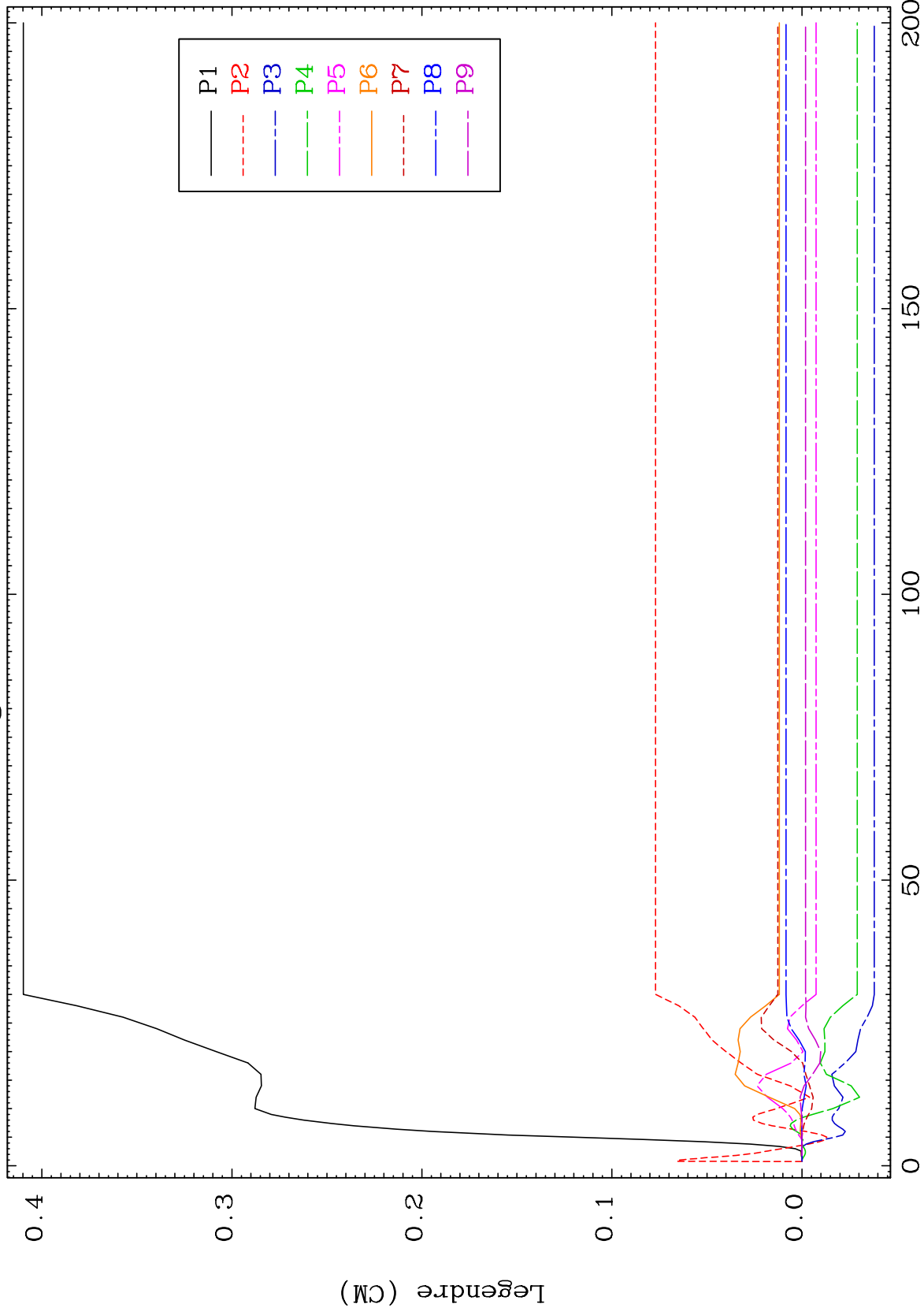
Incident Energy (MeV)

42-Mo-107

MAT 4270

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

42-Mo-107



63

Incident Energy (MeV)

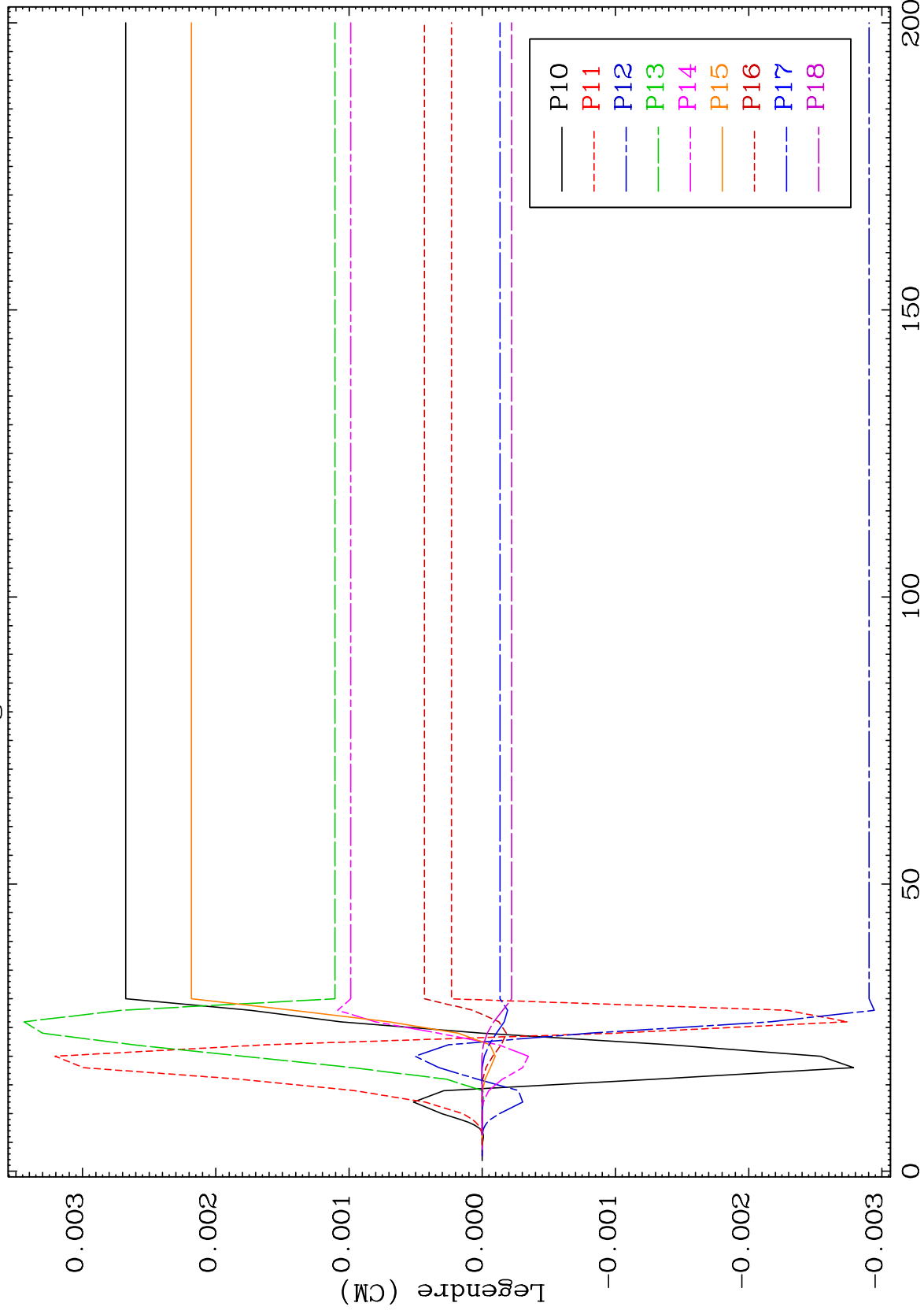
42-Mo-107



MAT 4270

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

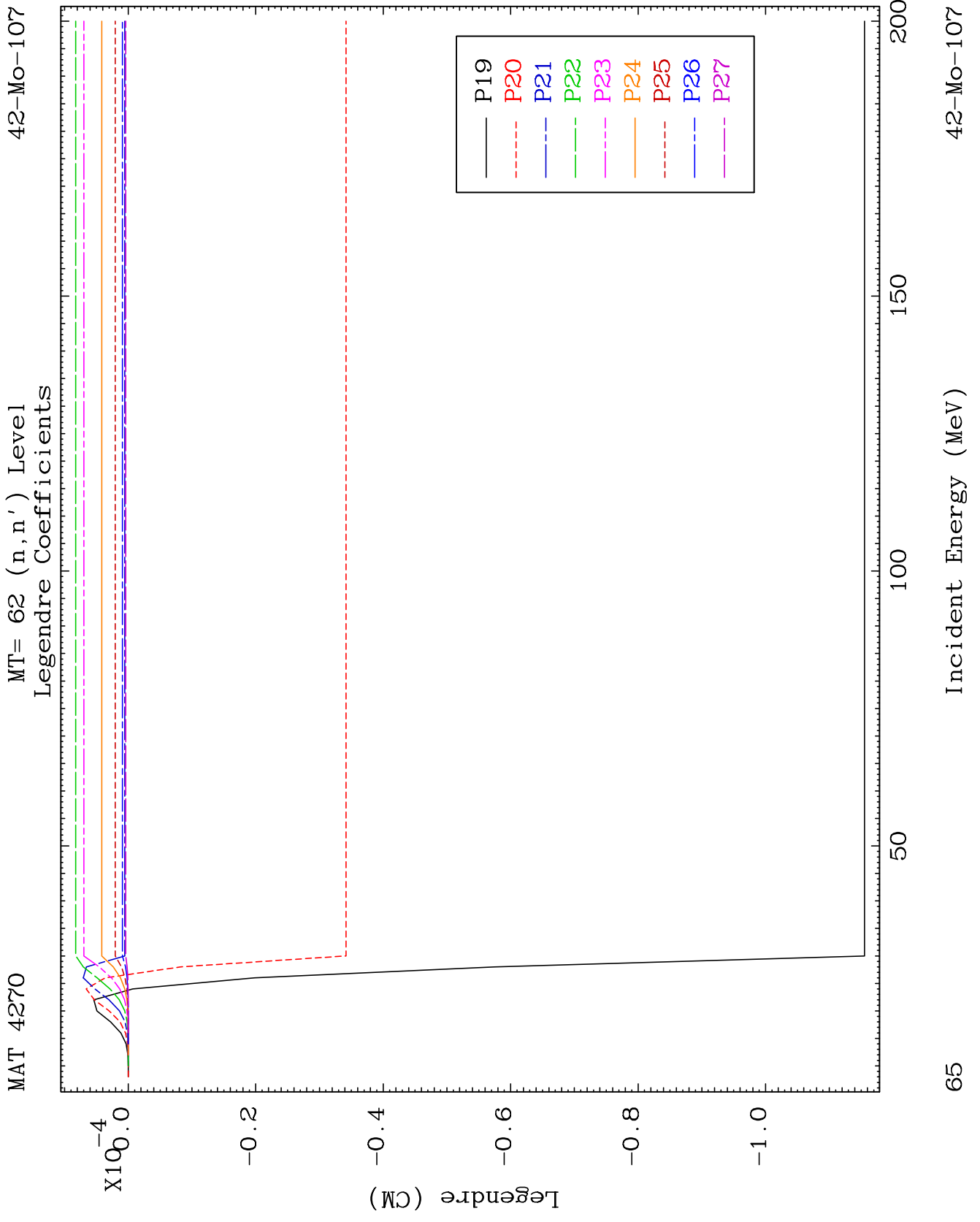
42-Mo-107



64

Incident Energy (MeV)

42-Mo-107



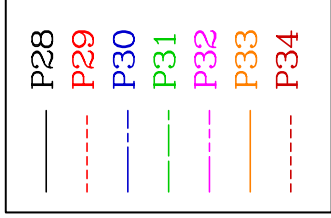
MAT 4270

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

42-Mo-107

$\times 10^{-7}$   
1.5

Legendre (CM)



0.0

50

100

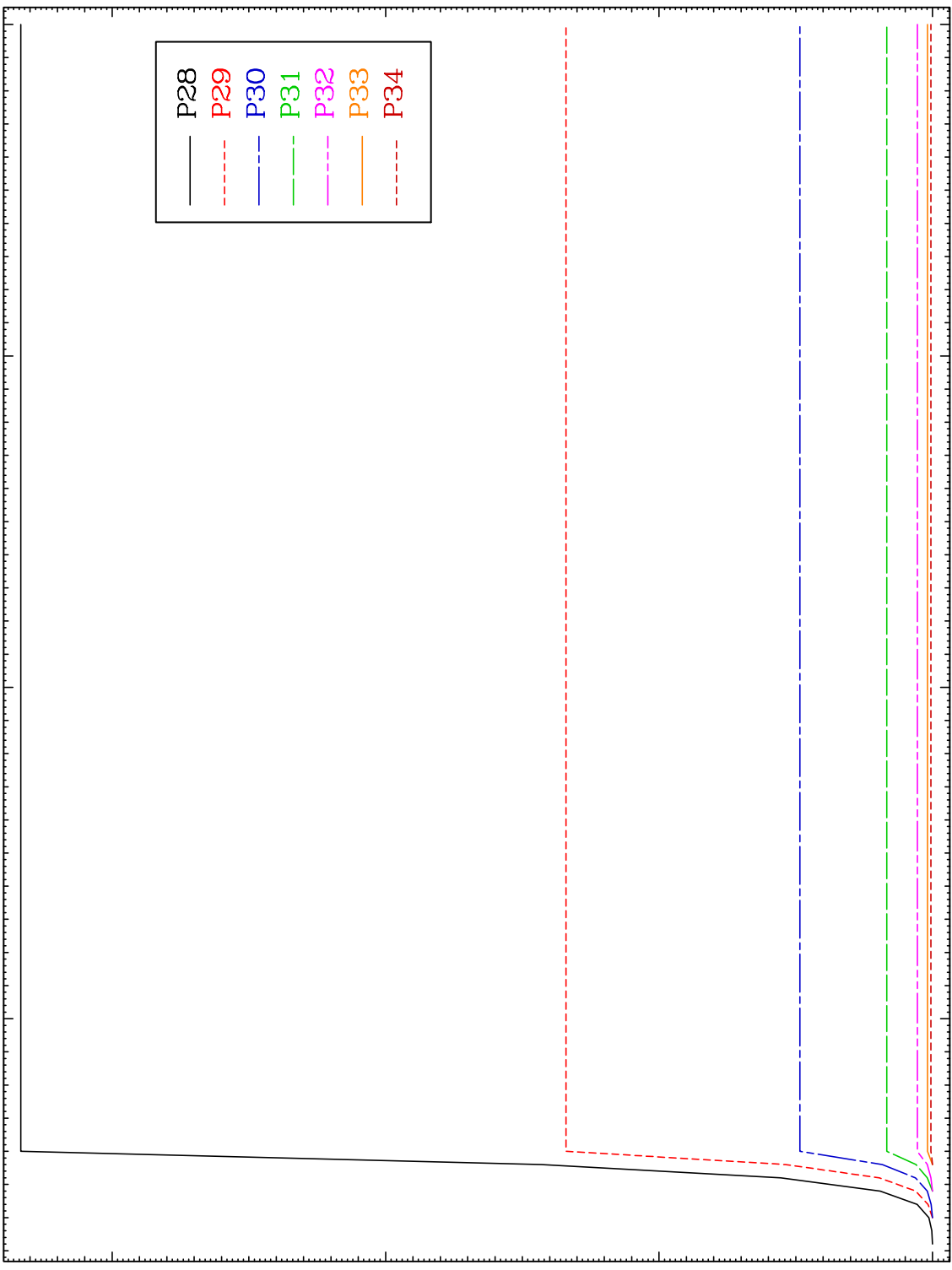
150

200

66

Incident Energy (MeV)

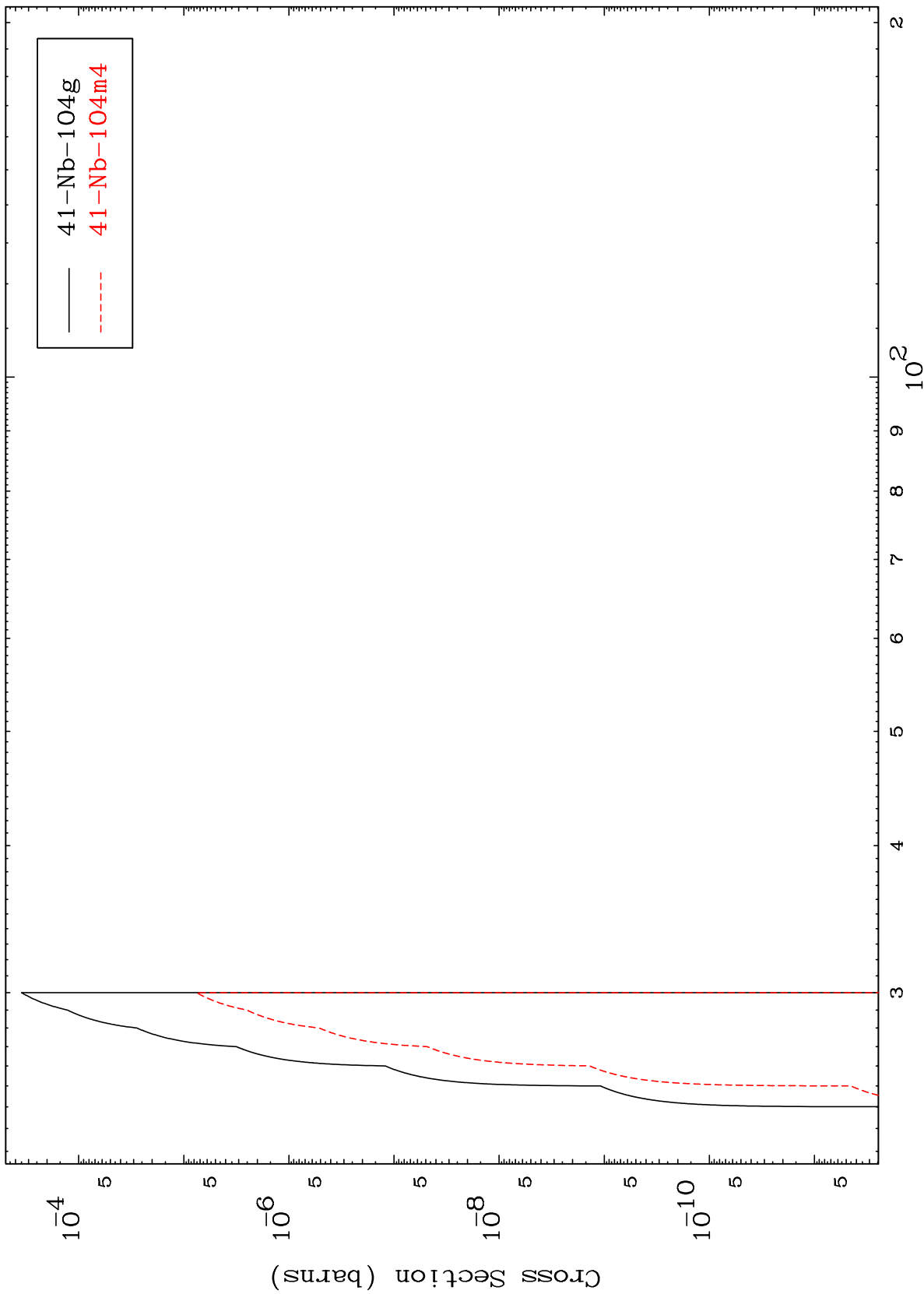
42-Mo-107



MAT 4270

42-Mo-107

(n,2n) d  
Radionuclide Production Cross Section



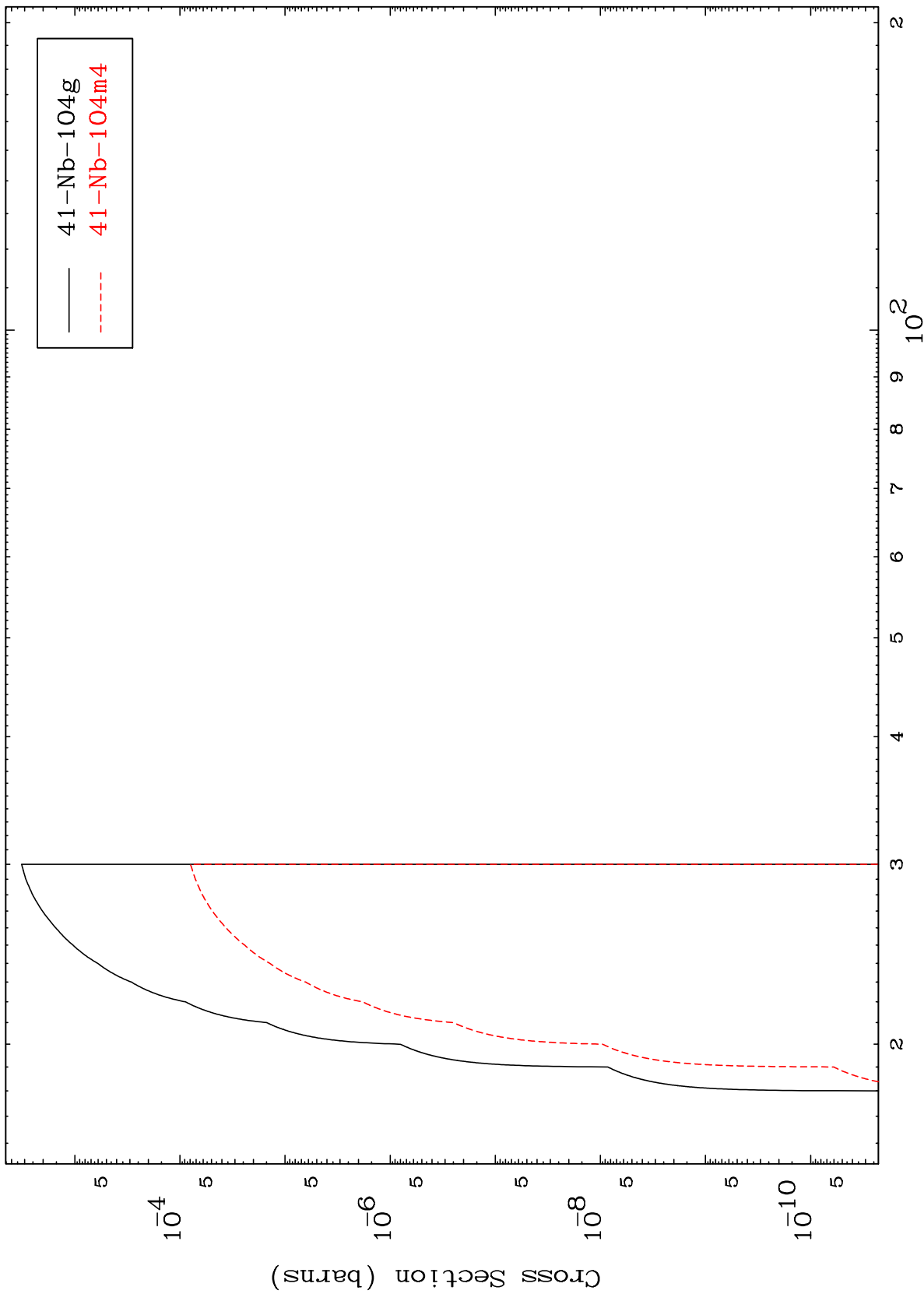
41-Nb-104g  
41-Nb-104m4

67

42-Mo-107

Incident Energy (MeV)

Radionuclide Production Cross Section



41-Nb-104g  
41-Nb-104m4

Radionuclide Production Cross Section

