

Program EVALPLOT  
(Version 2017-1)

by

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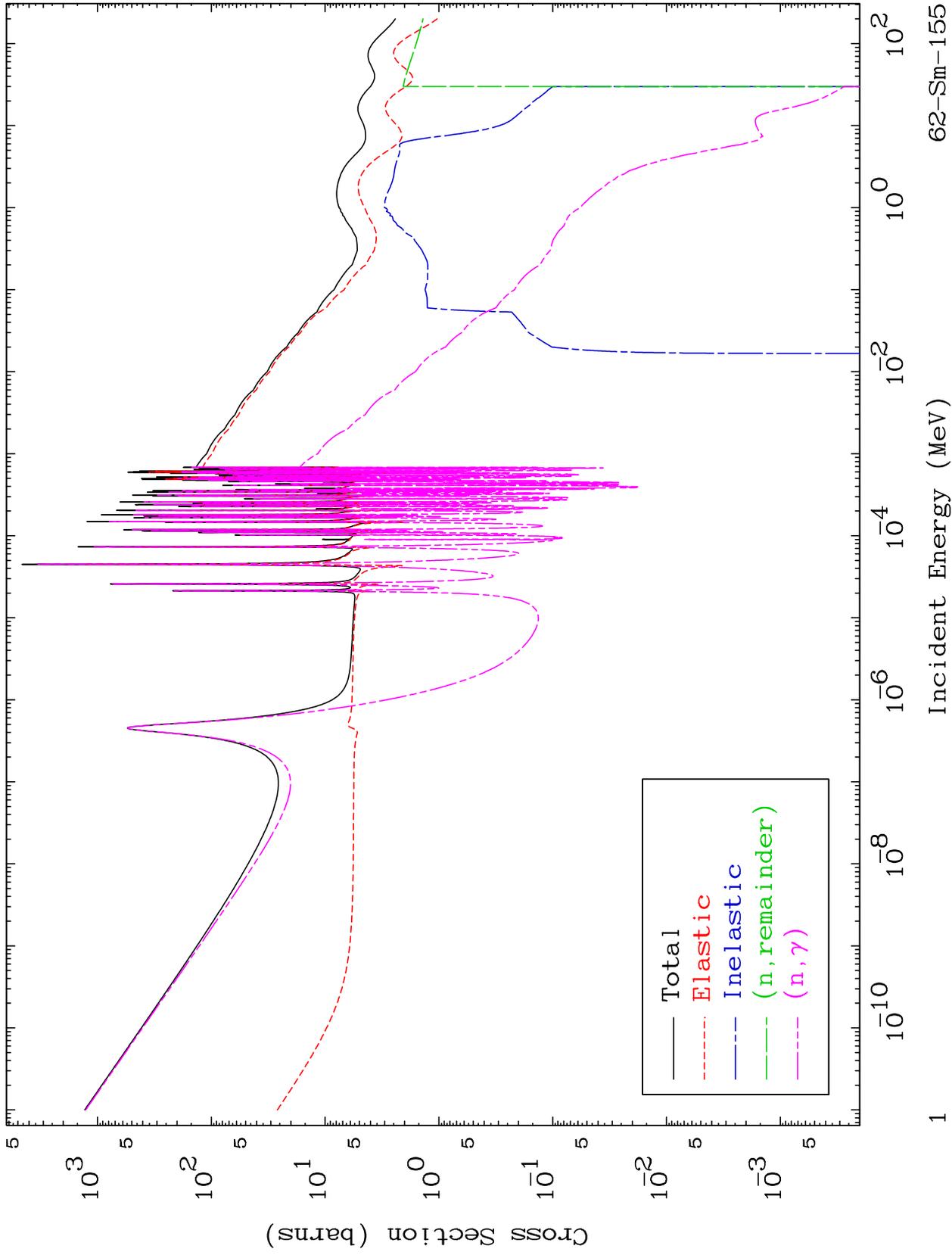
Press Mouse Button to Start

MAT 6258

Major

293 Kelvin Cross Sections

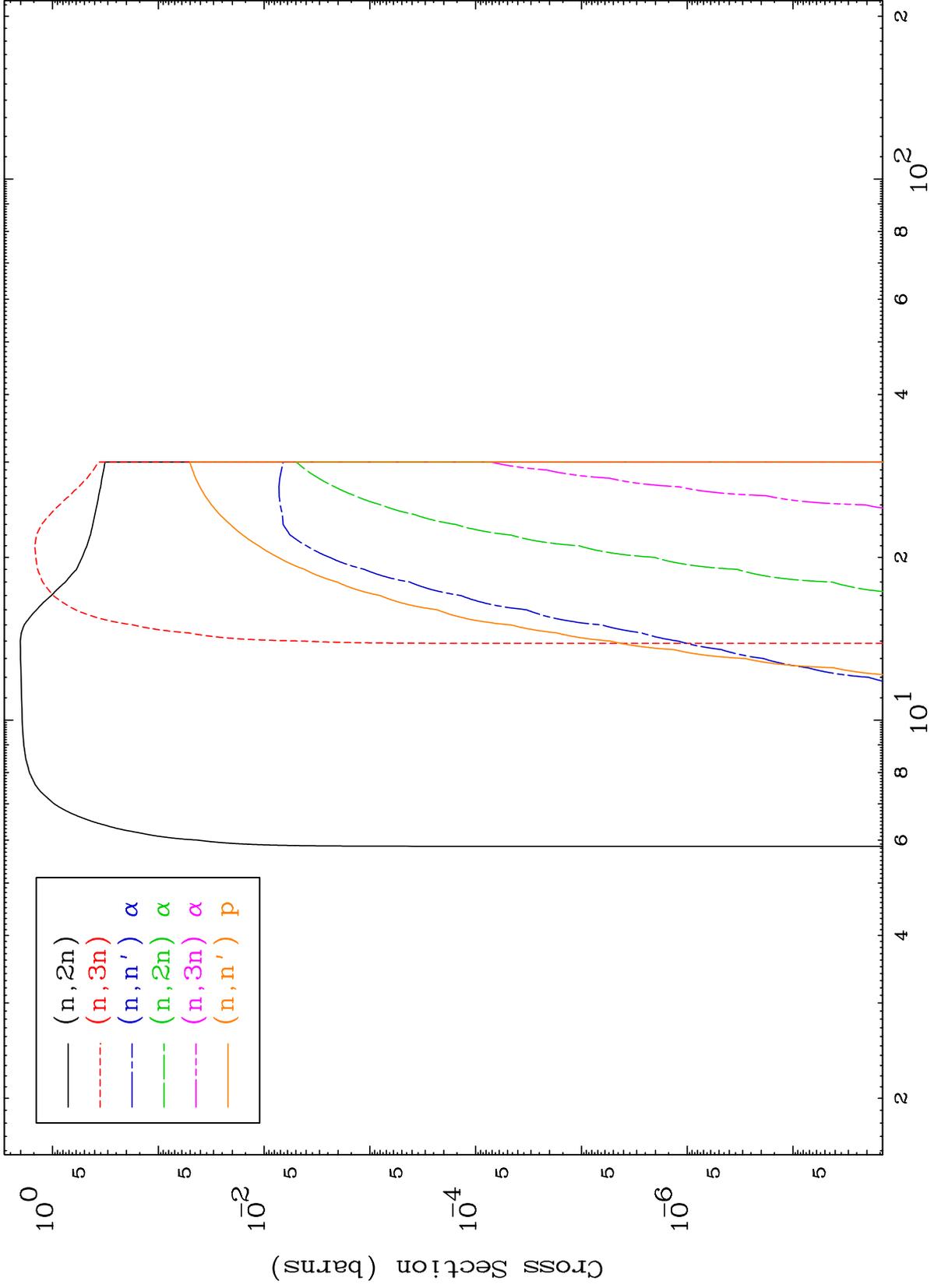
62-Sm-155

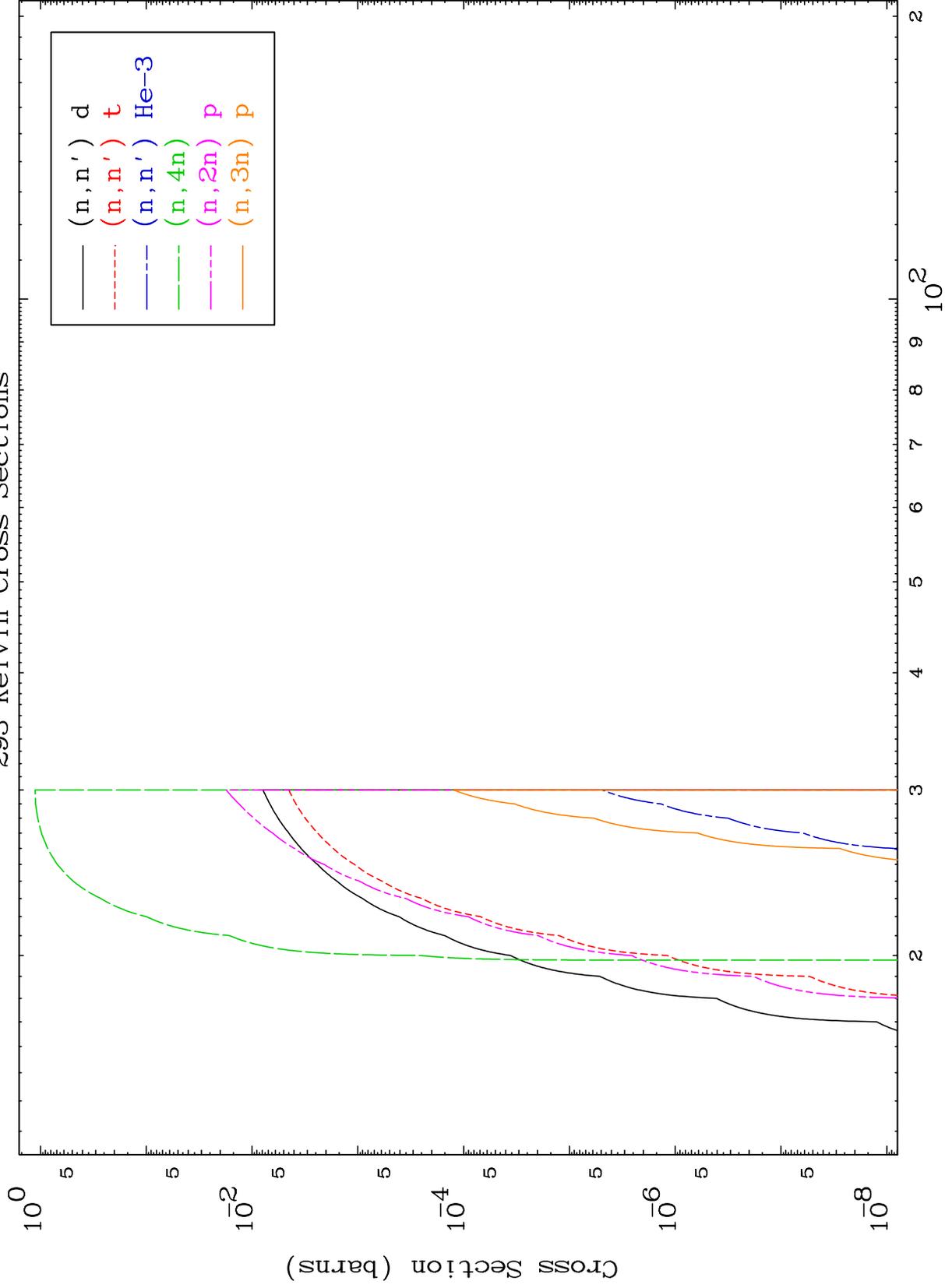


MAT 6258

Neutron Production  
293 Kelvin Cross Sections

62-Sm-155

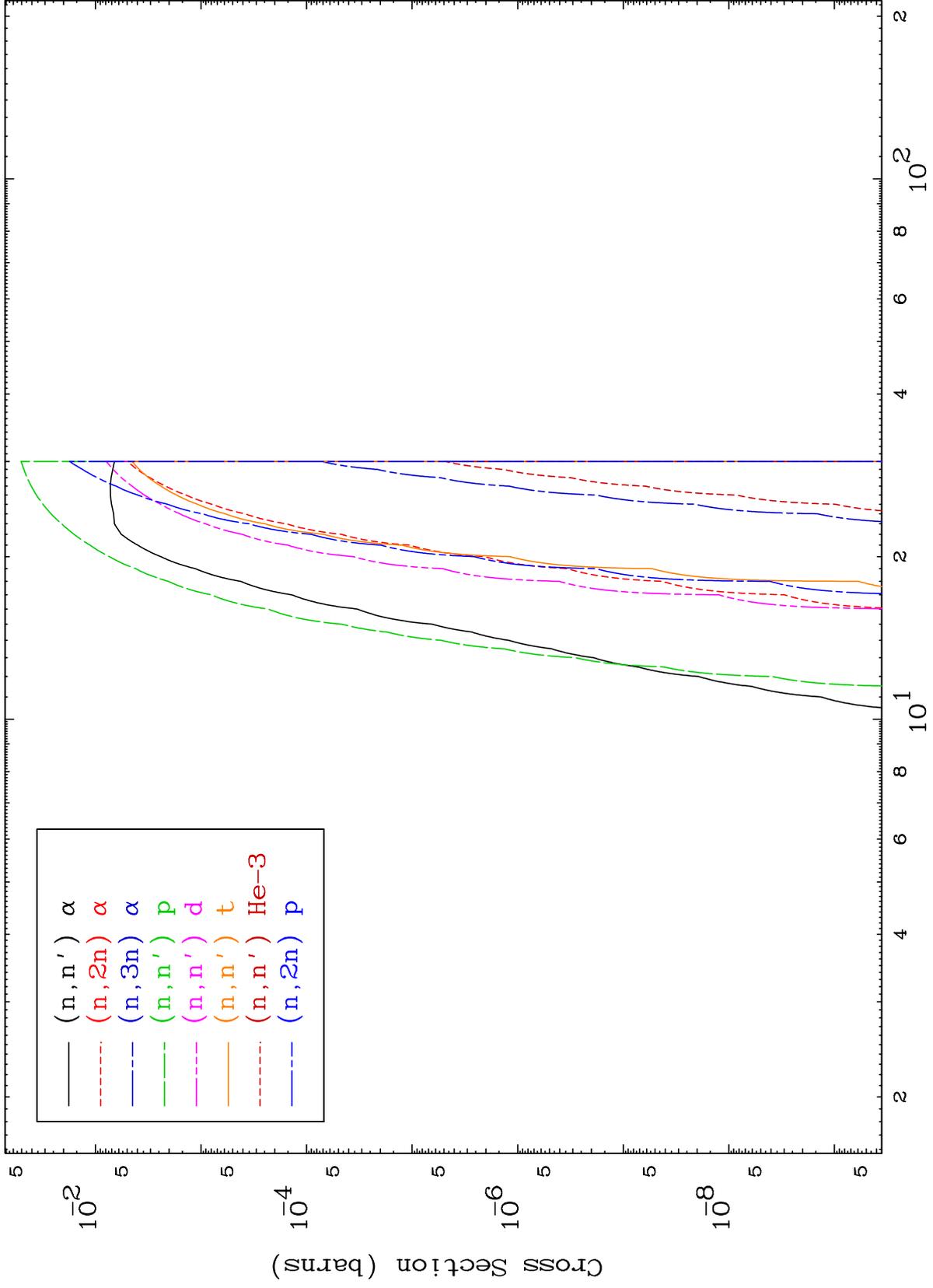




MAT 6258

Charged Particle  
293 Kelvin Cross Sections

62-Sm-155



4

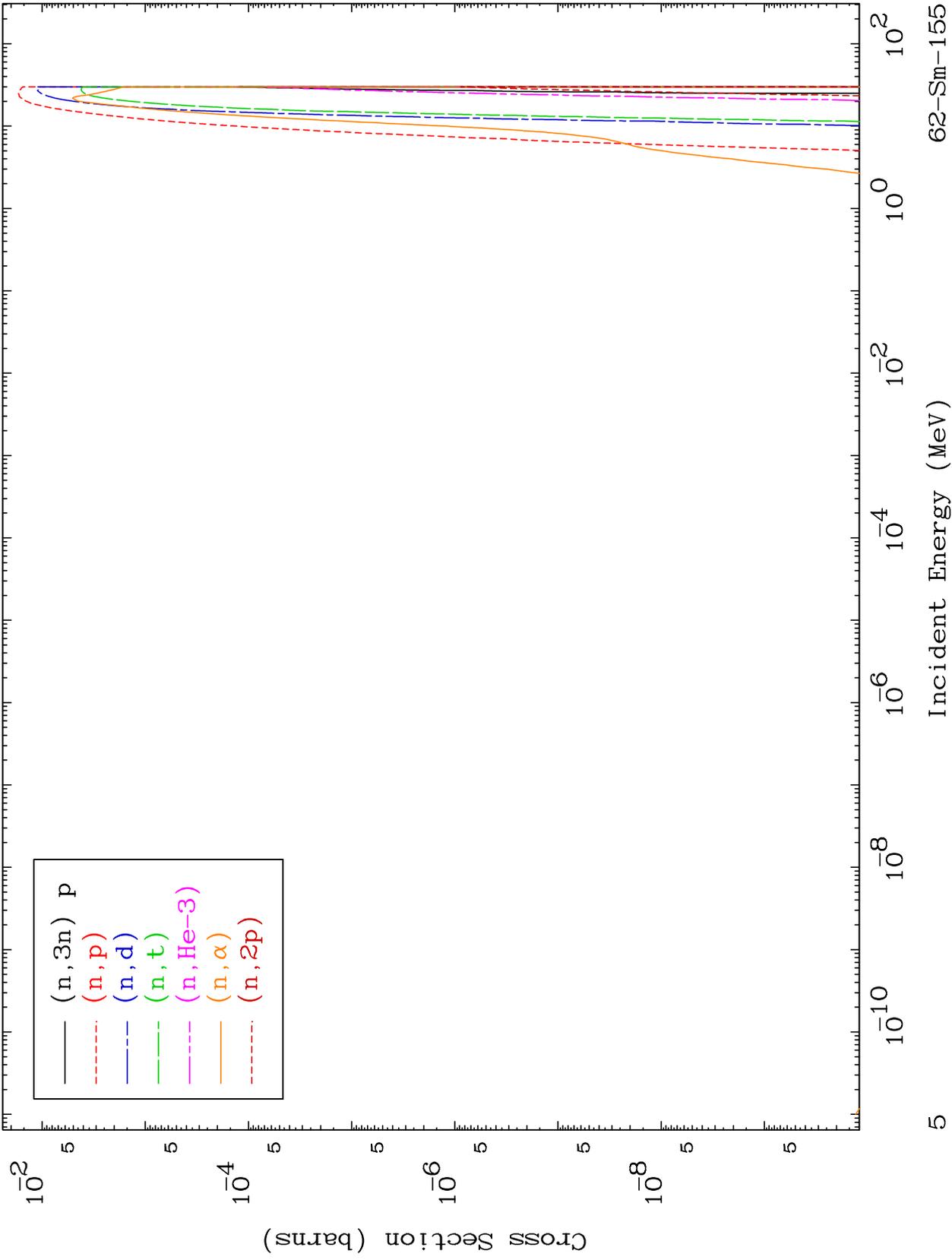
Incident Energy (MeV)

62-Sm-155

MAT 6258

Charged Particle  
293 Kelvin Cross Sections

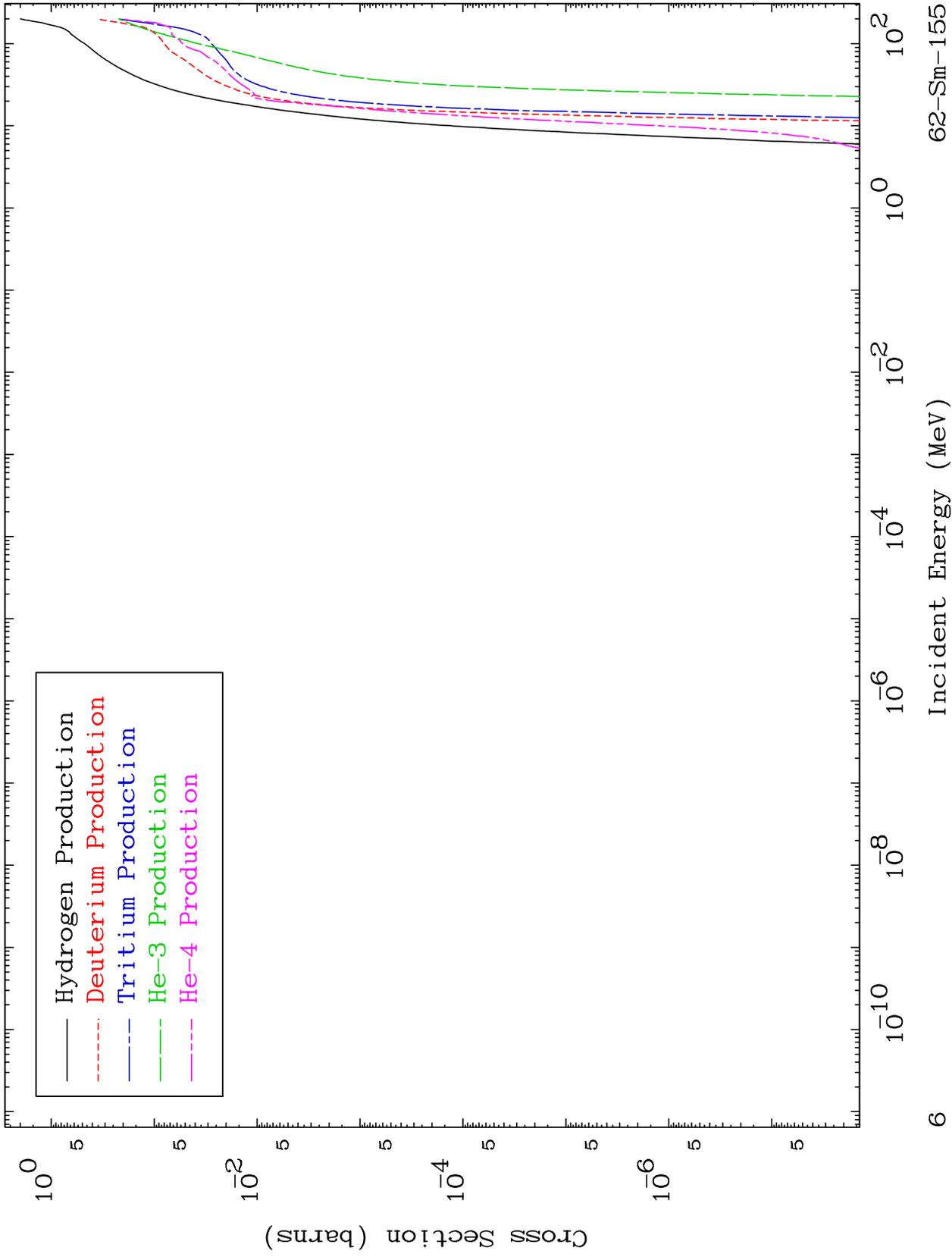
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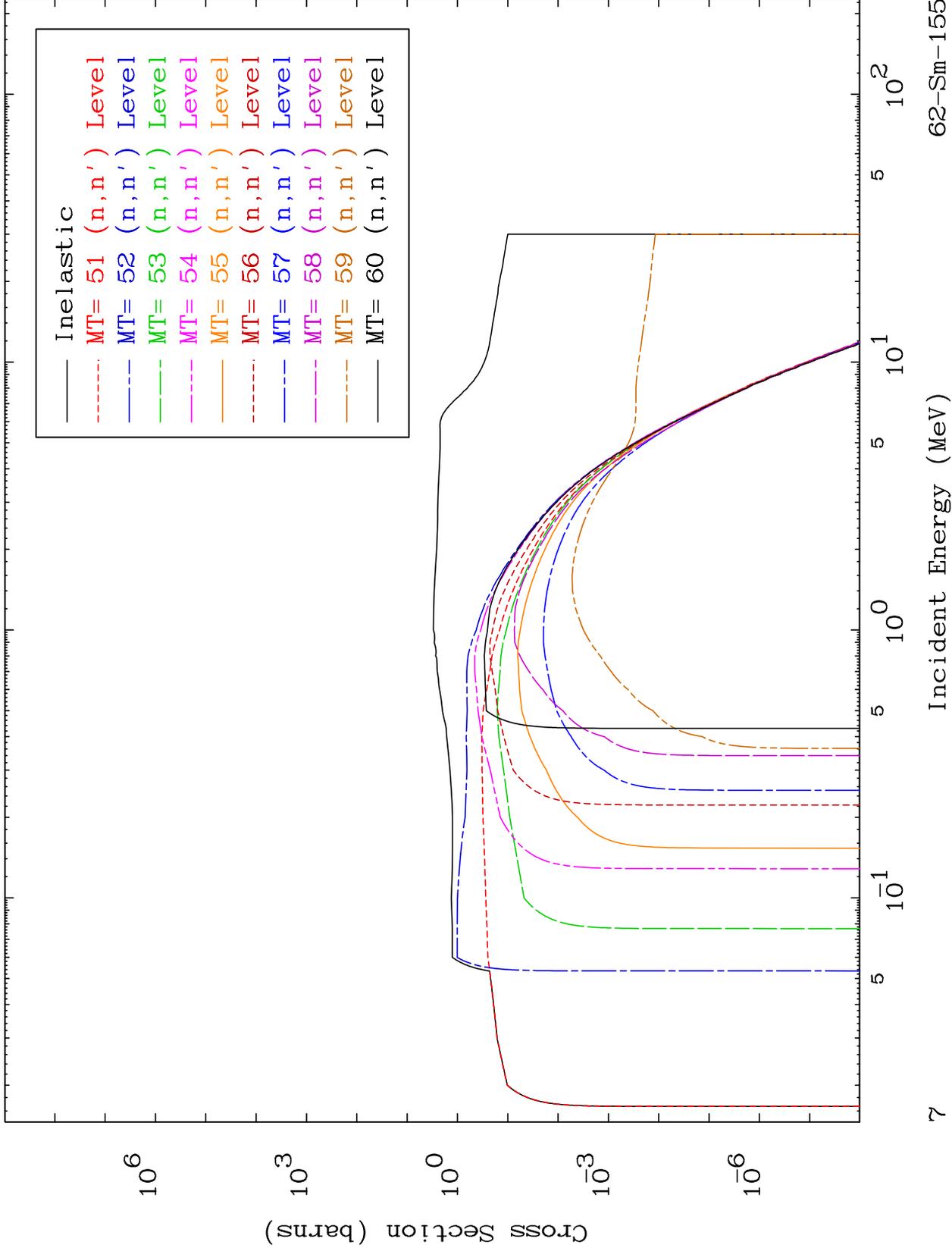
MAT 6258

Particle Production  
293 Kelvin Cross Sections

62-Sm-155



293 Kelvin Cross Sections

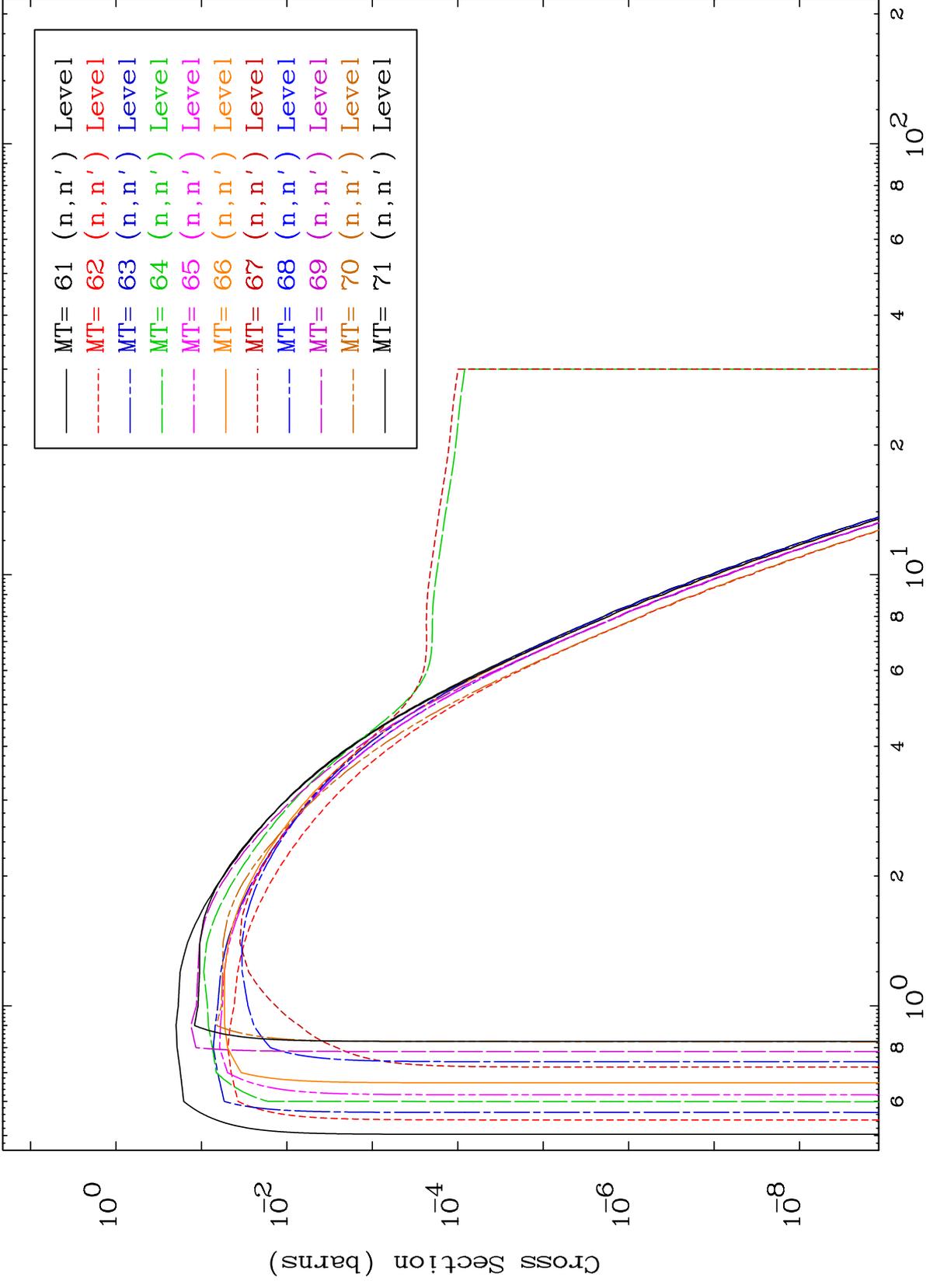


MAT 6258

(n,n') Level

62-Sm-155

293 Kelvin Cross Sections



8

Incident Energy (MeV)

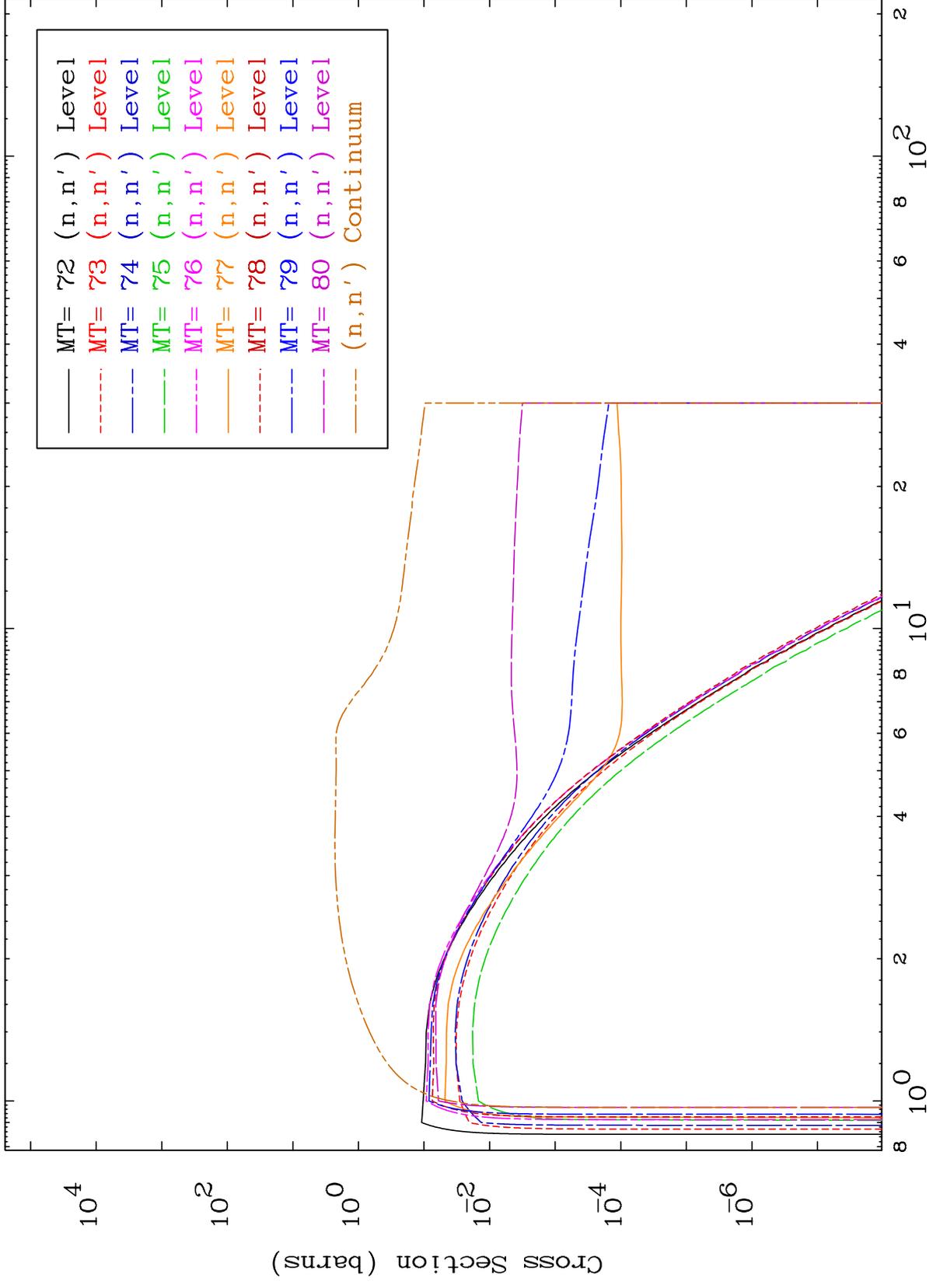
62-Sm-155

MAT 6258

(n,n') Level

62-Sm-155

293 Kelvin Cross Sections



9

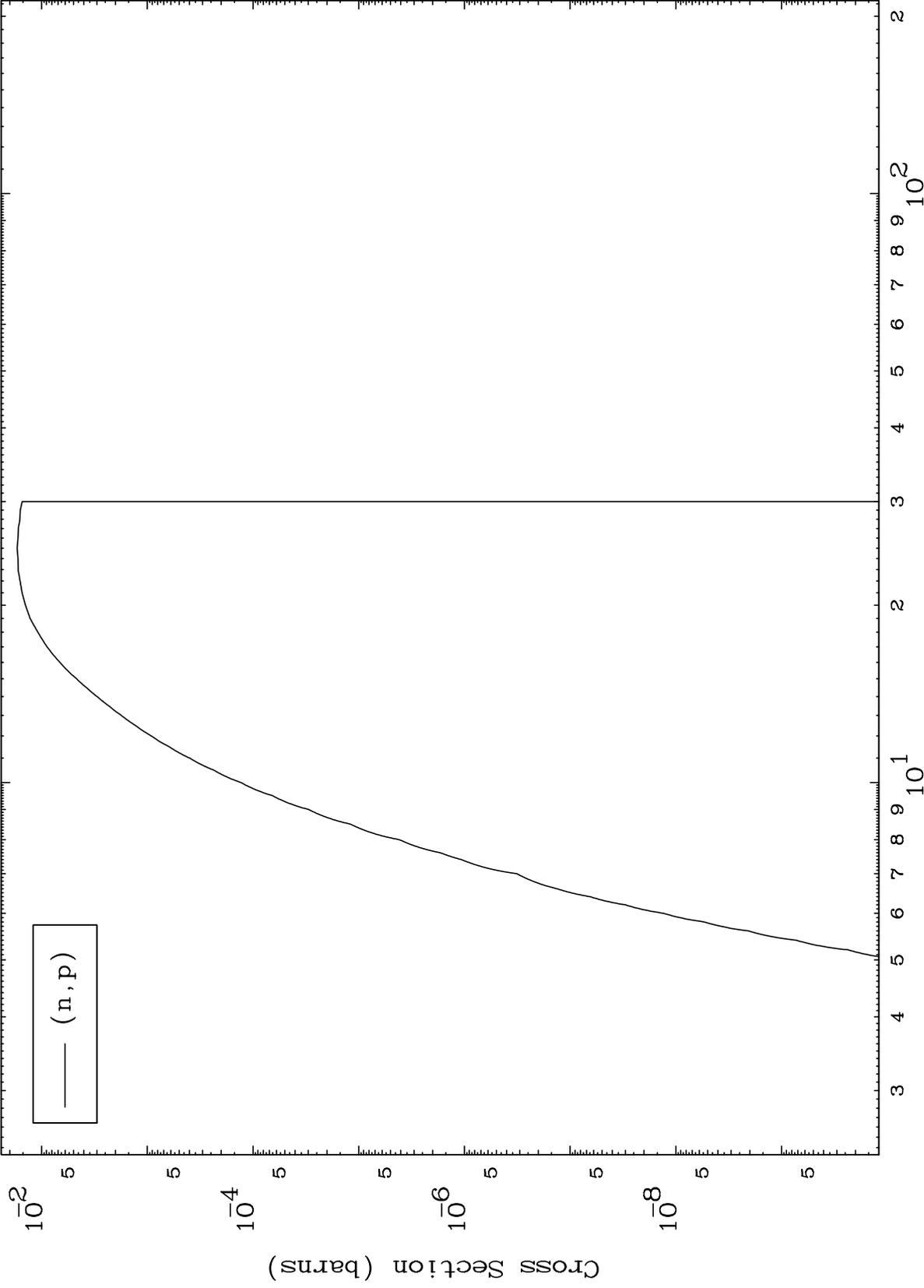
Incident Energy (MeV)

62-Sm-155

MAT 6258

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-155



10

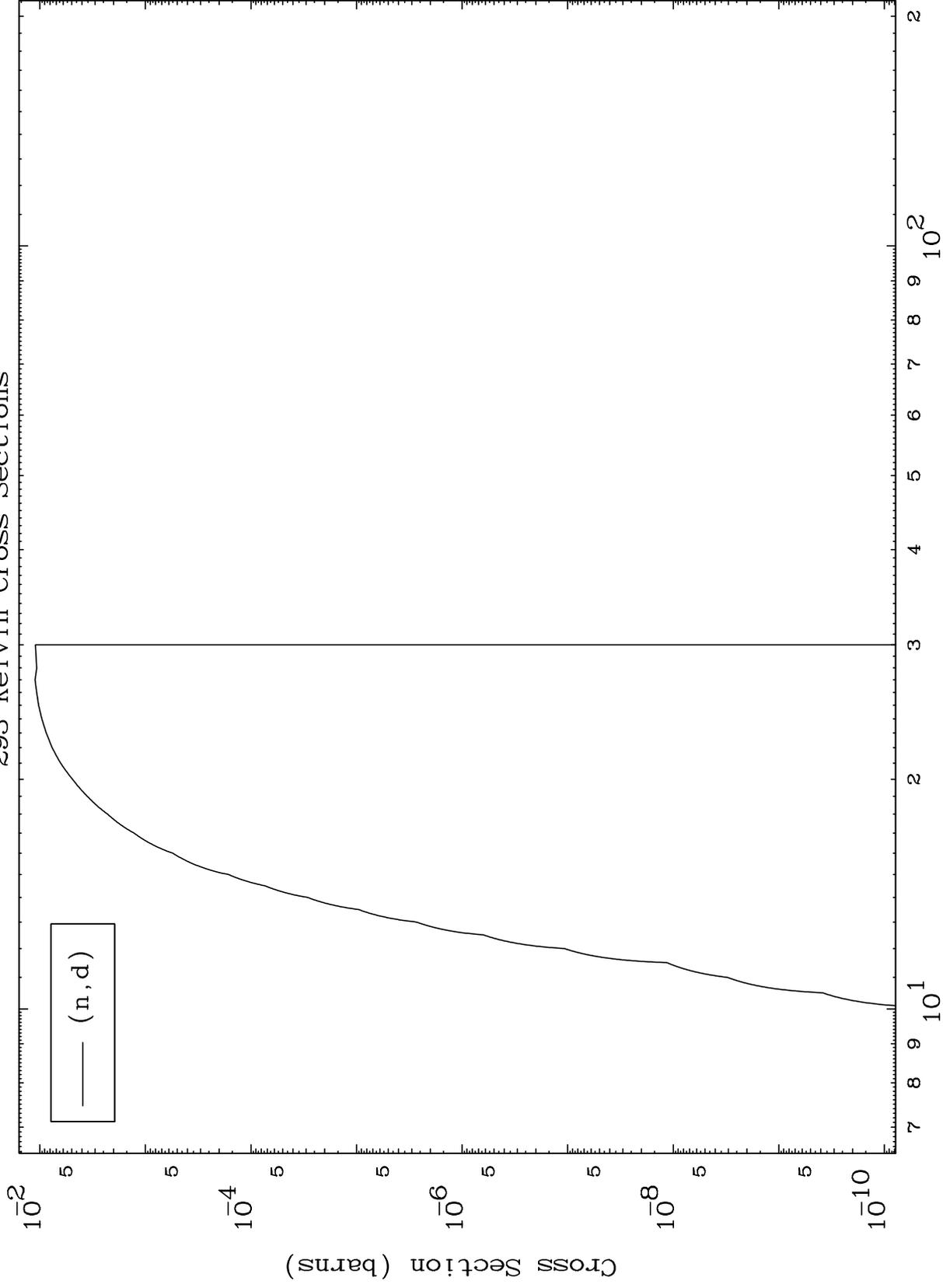
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62-Sm-155

MAT 6258

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-155



11

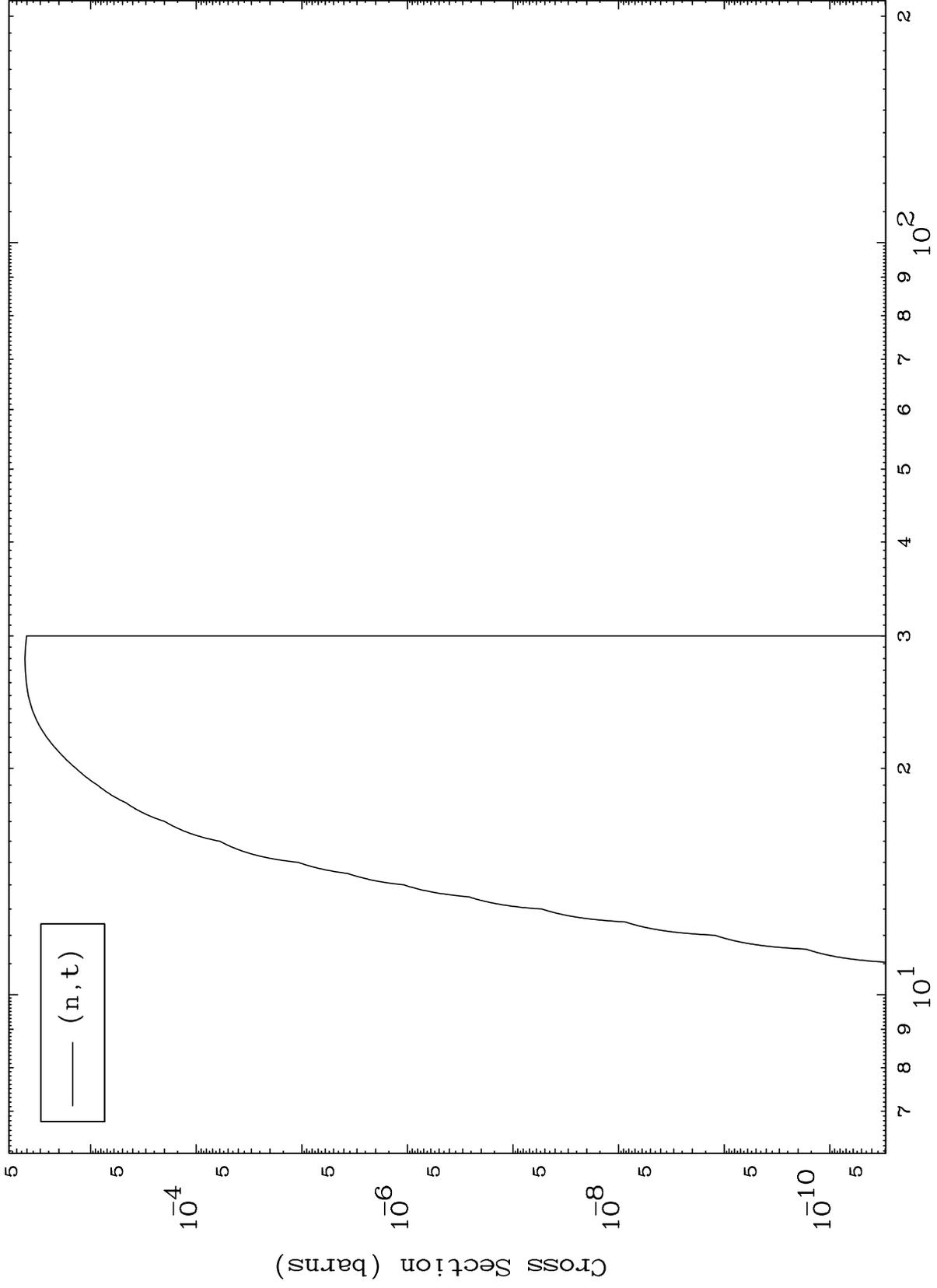
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62-Sm-155

MAT 6258

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-155



12

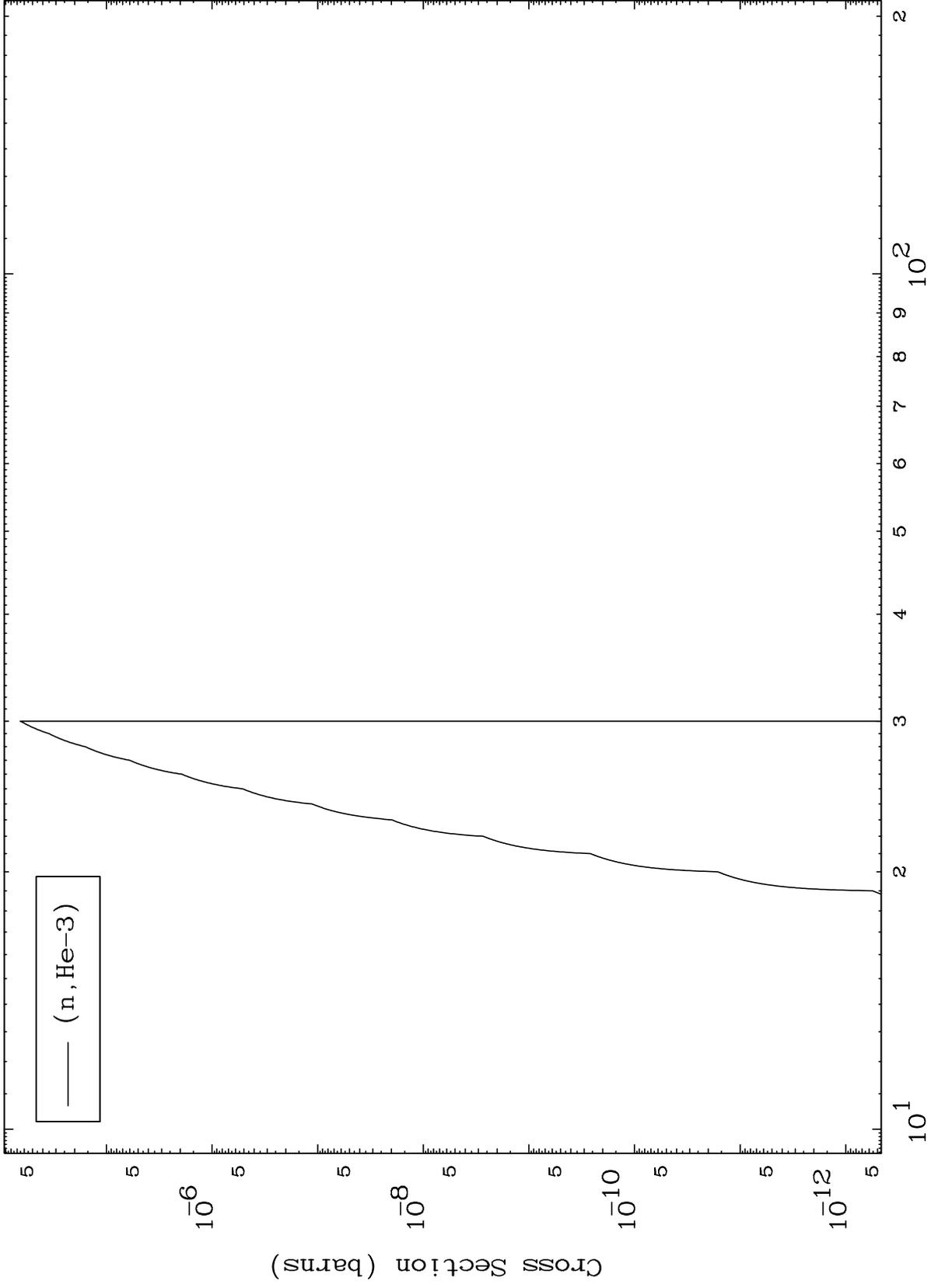
Incident Energy (MeV)

62-Sm-155

MAT 6258

(n,He3) Levels  
293 Kelvin Cross Sections

62-Sm-155



13

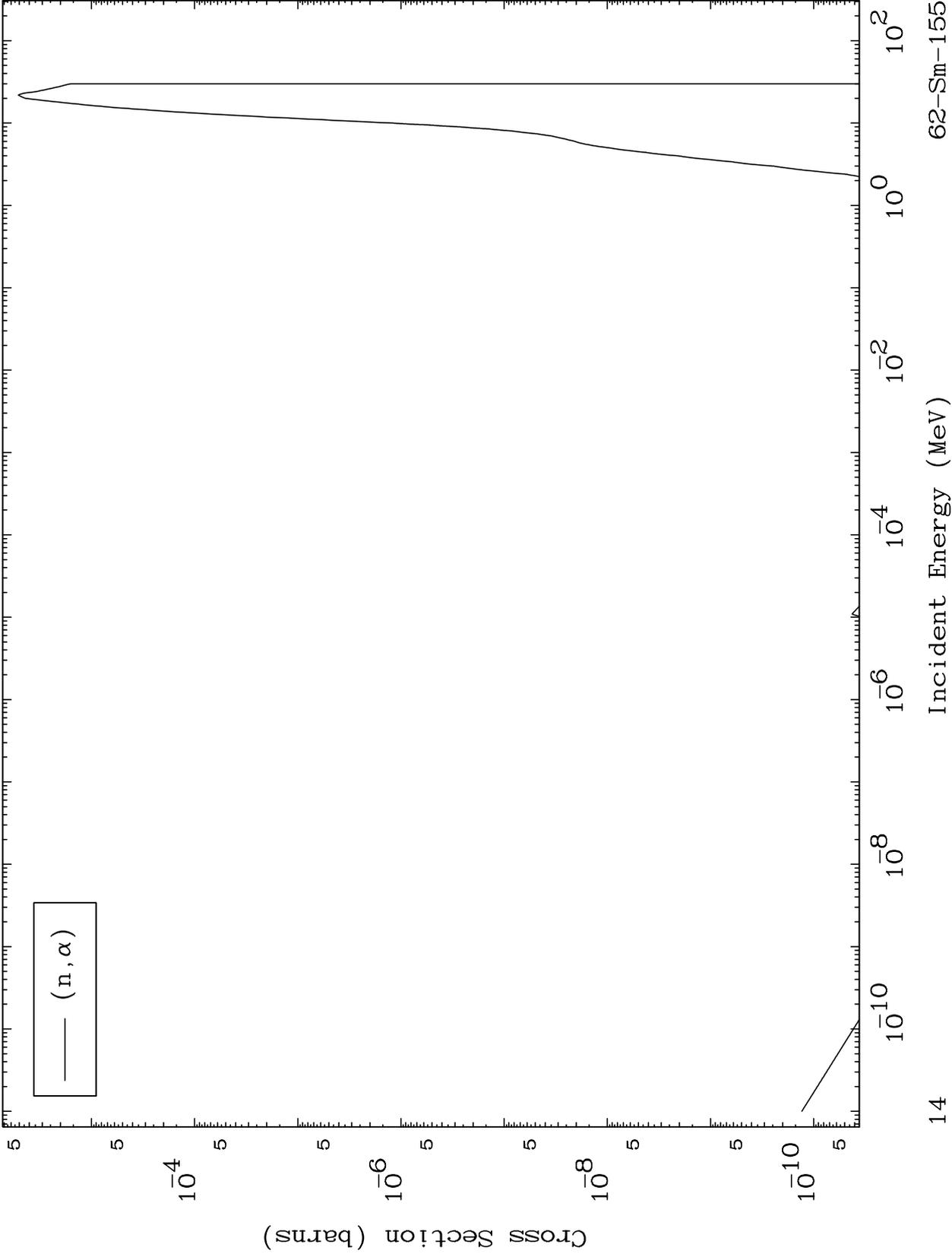
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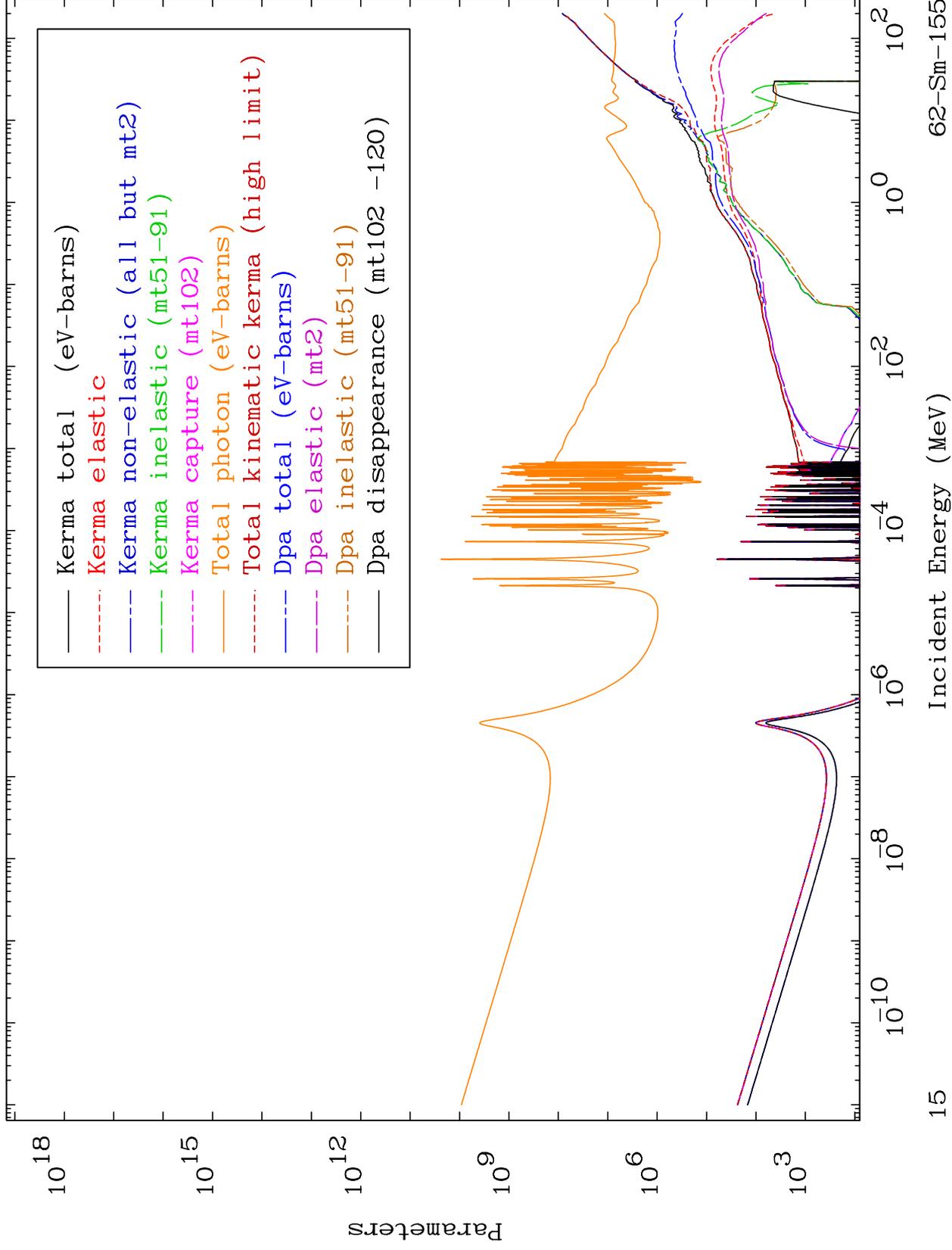
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MAT 6258

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

62-Sm-155

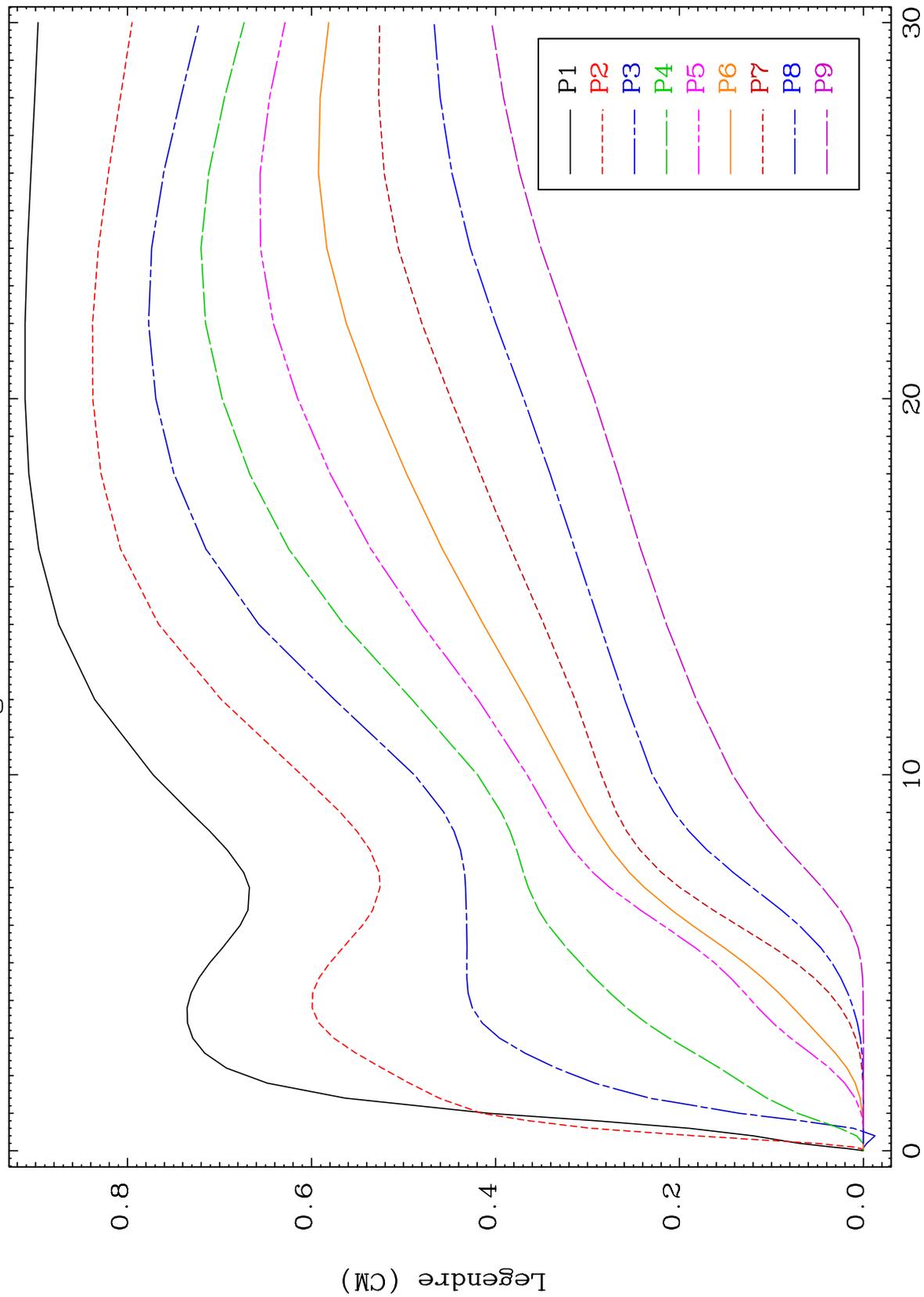




MAT 6258

Elastic Legendre Coefficients

62-Sm-155



16

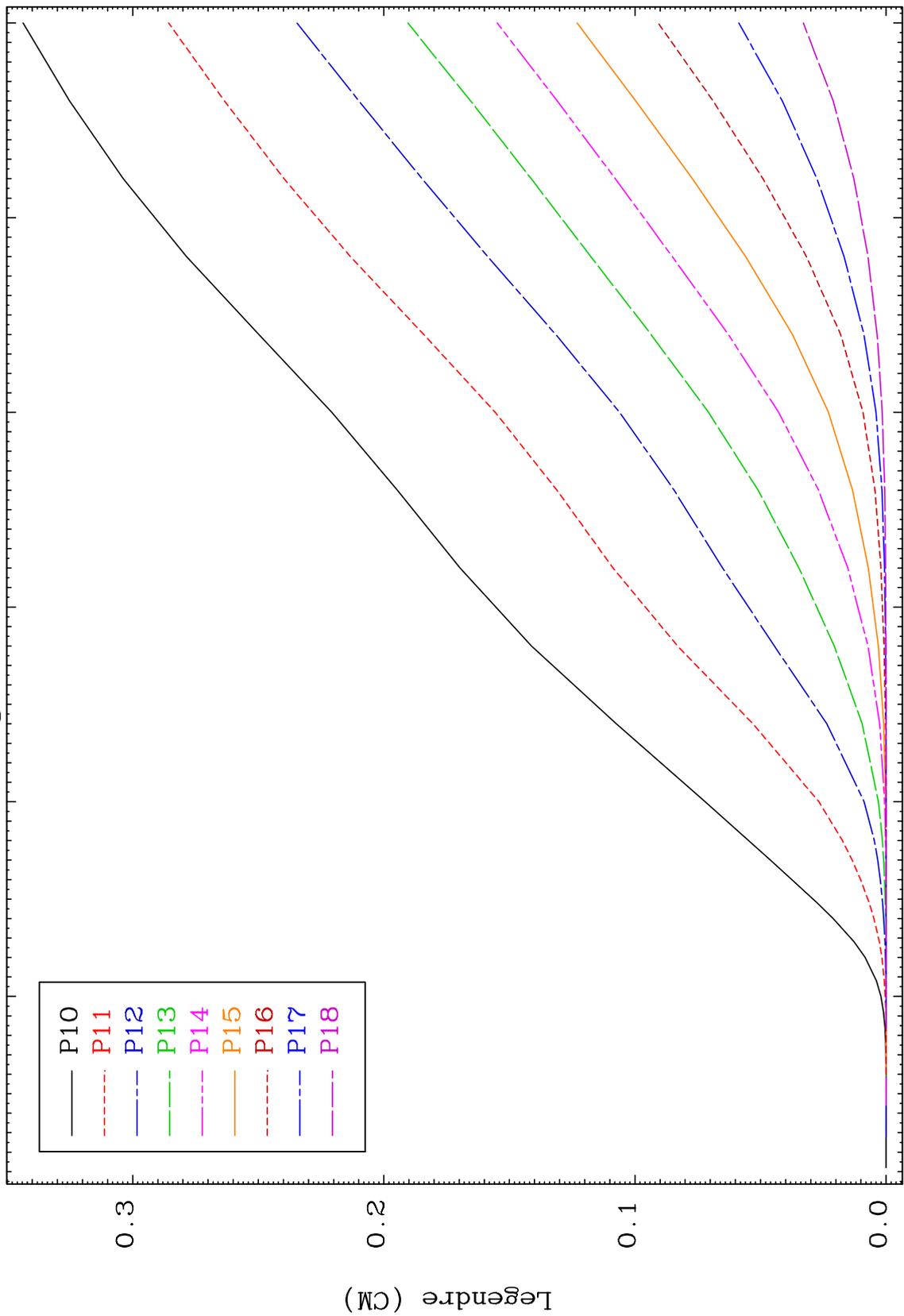
Incident Energy (MeV)

62-Sm-155

MAT 6258

Elastic Legendre Coefficients

62-Sm-155



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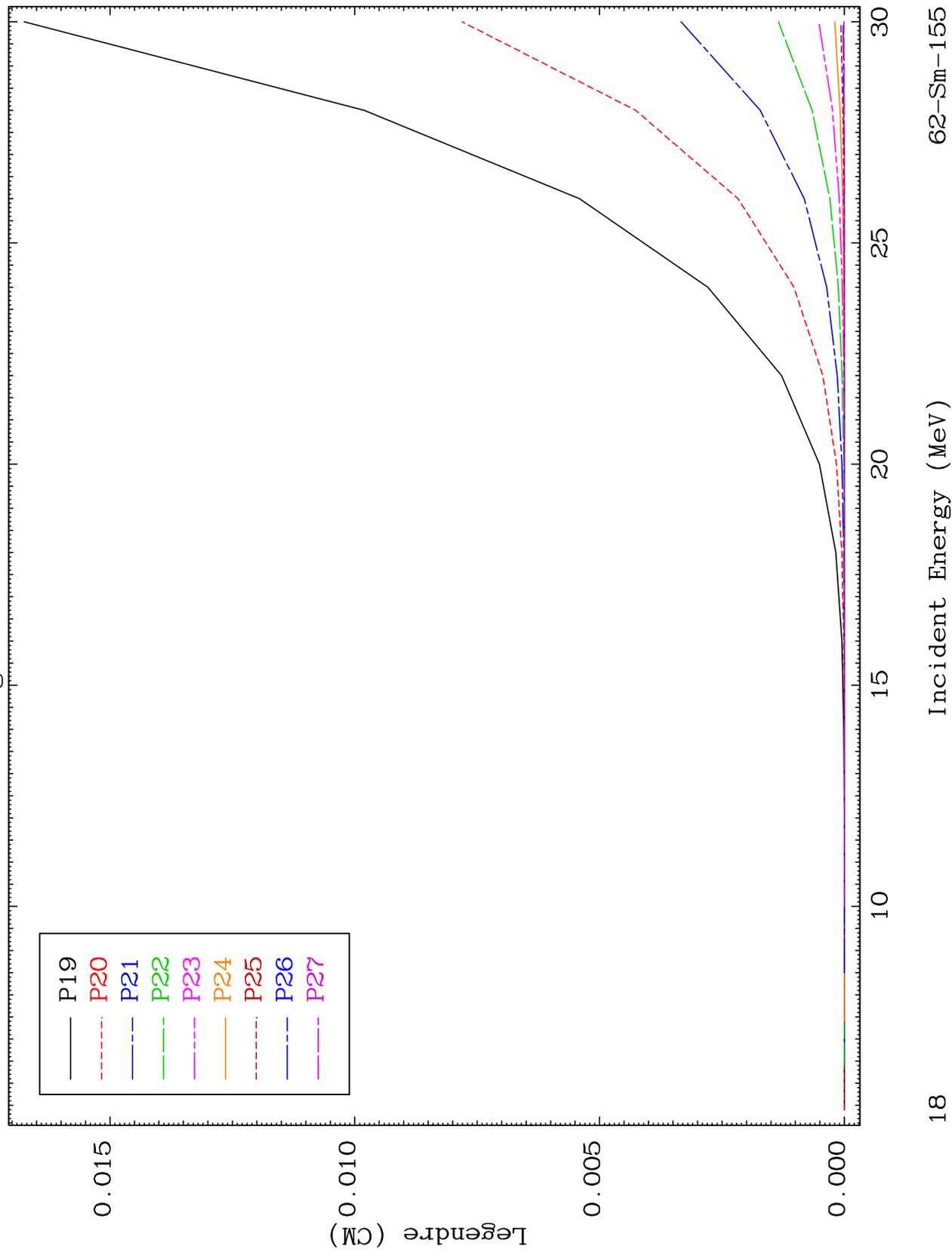
Incident Energy (MeV)

62-Sm-155

MAT 6258

### Elastic Legendre Coefficients

62-Sm-155



18

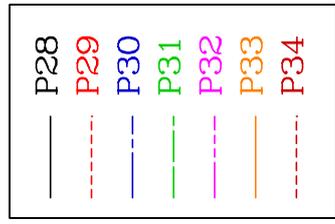
Incident Energy (MeV)

62-Sm-155

MAT 6258

Elastic Legendre Coefficients

62-Sm-155



$\times 10^{-6}$

Legendre (CM)

10

15

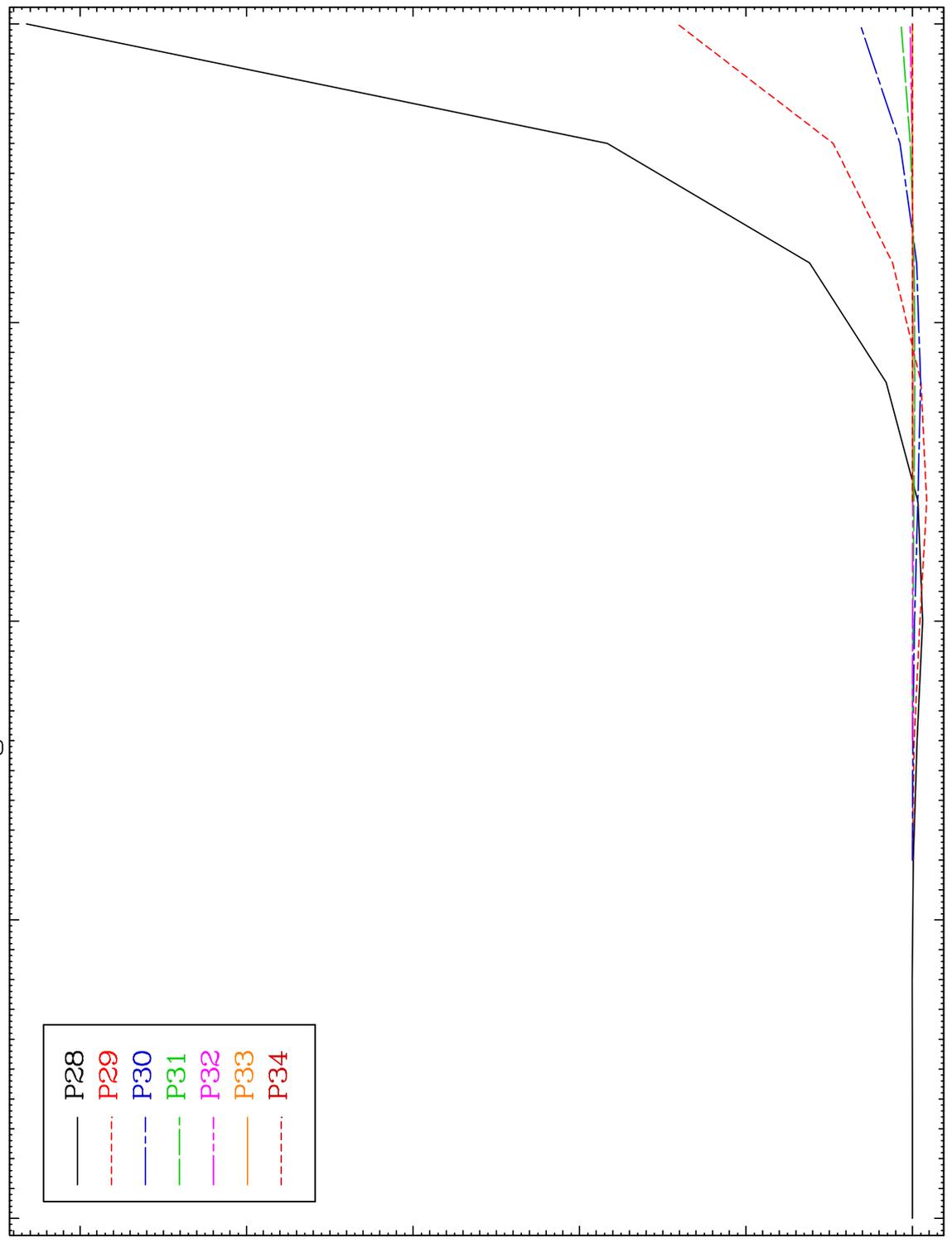
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25

30

Incident Energy (MeV)

62-Sm-155

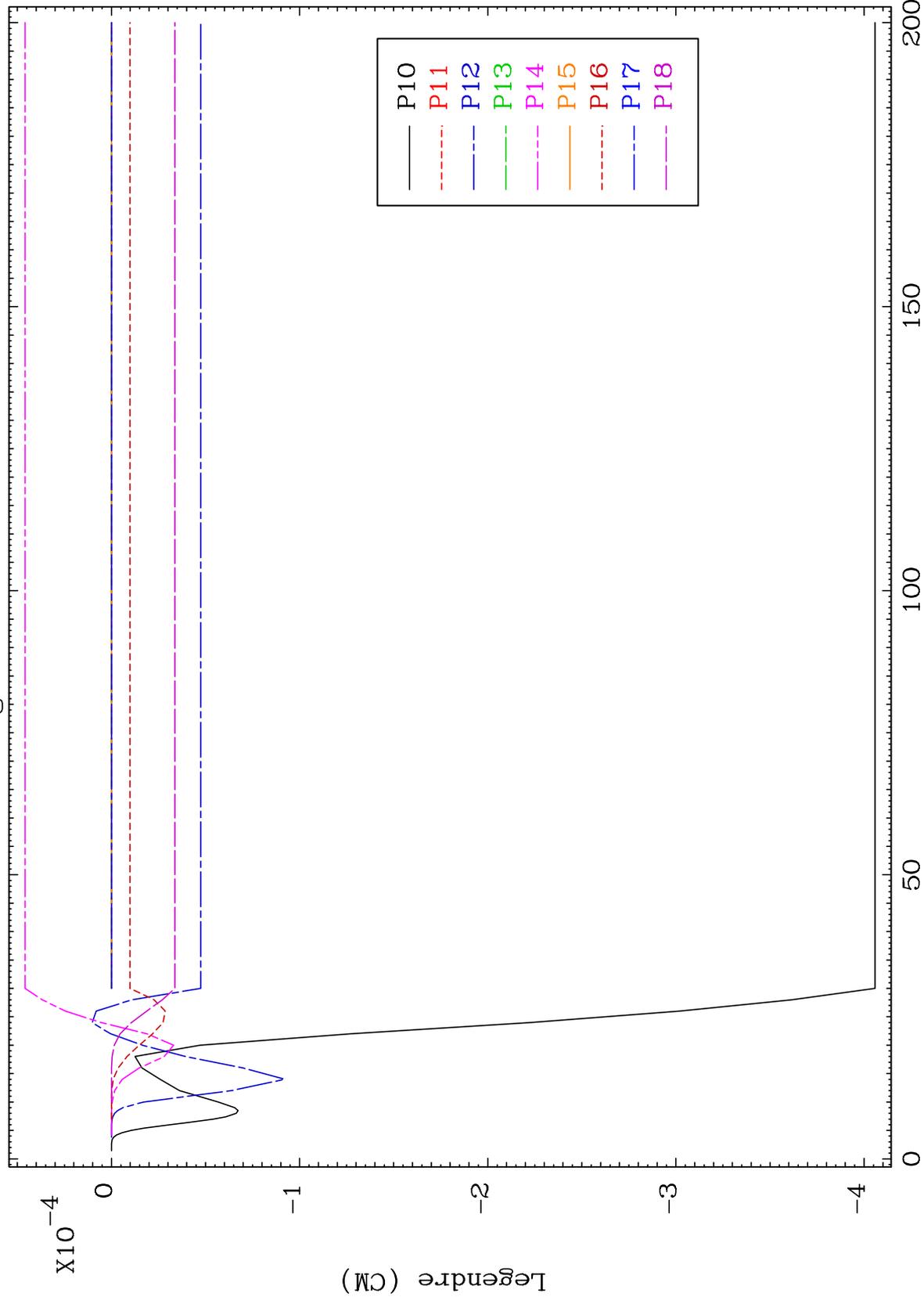




MAT 6258

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

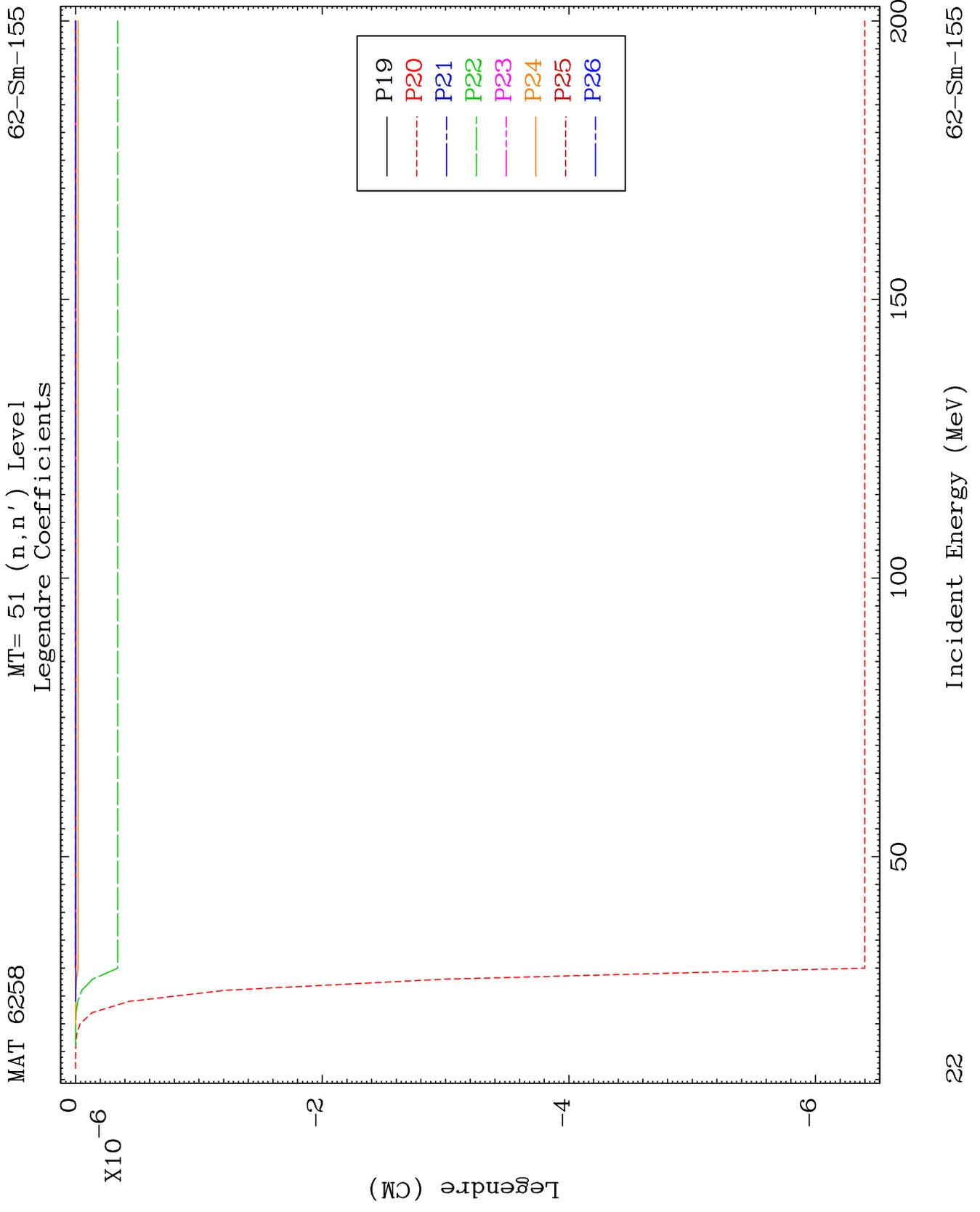
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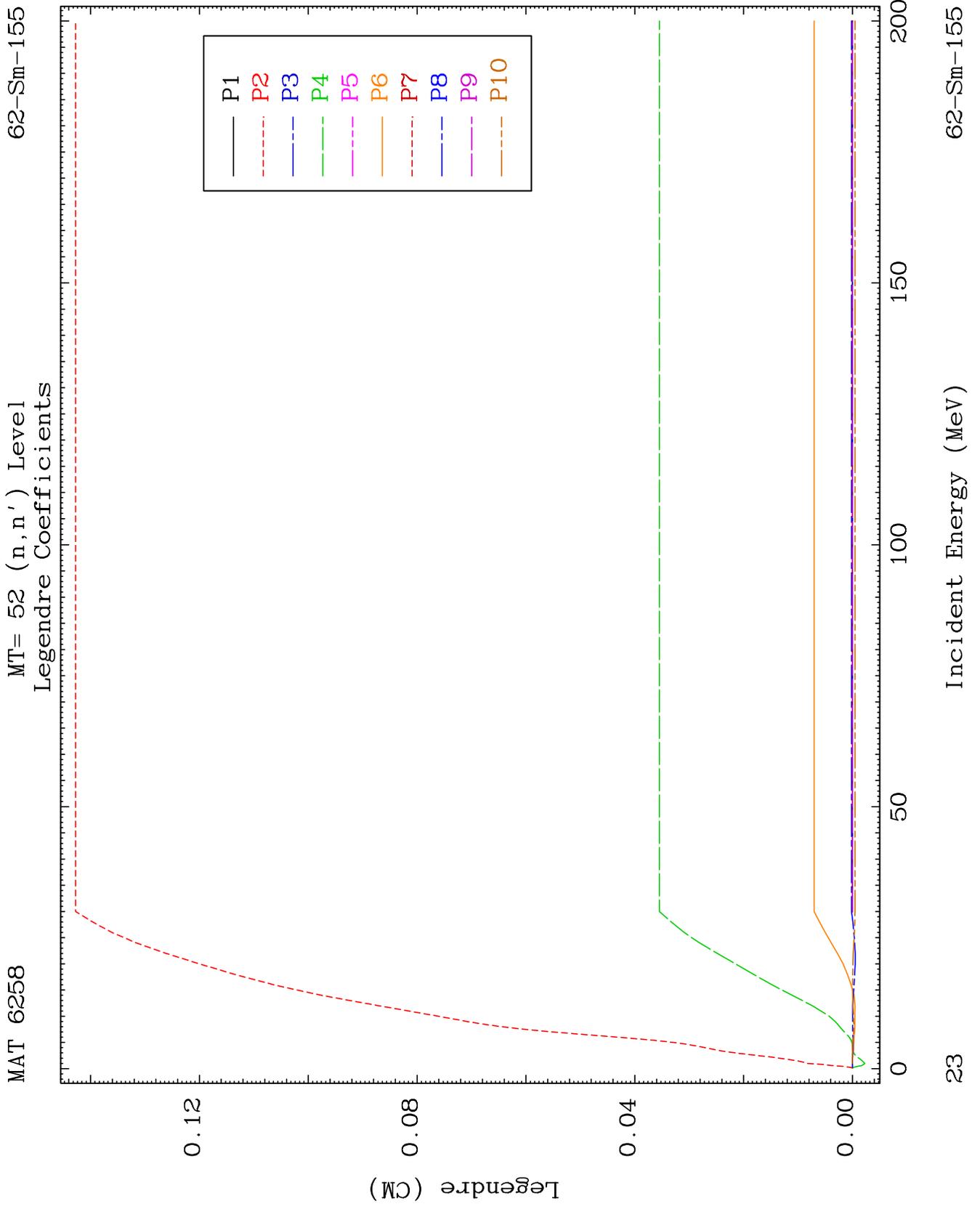


21

Incident Energy (MeV)

62-Sm-155

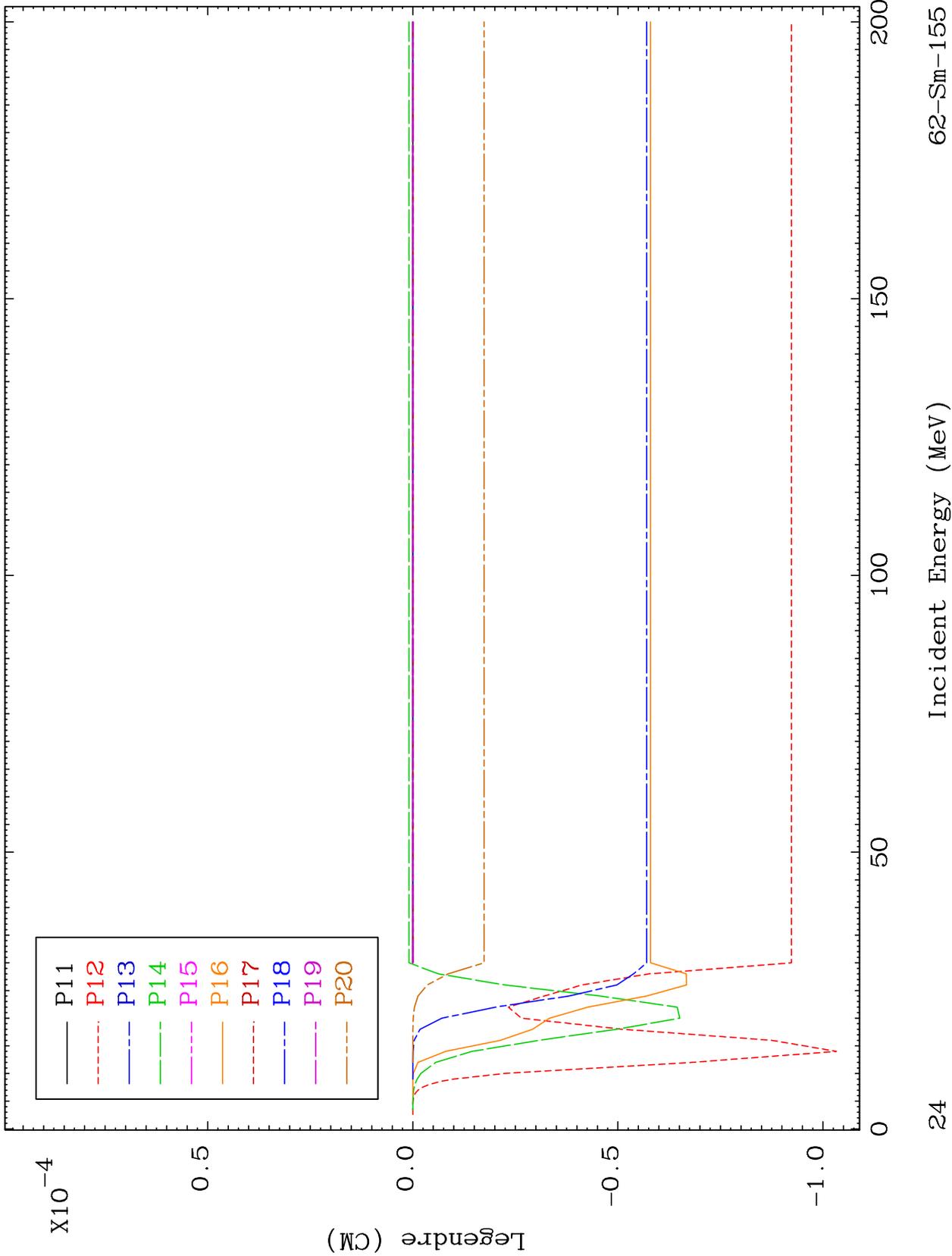




MAT 6258

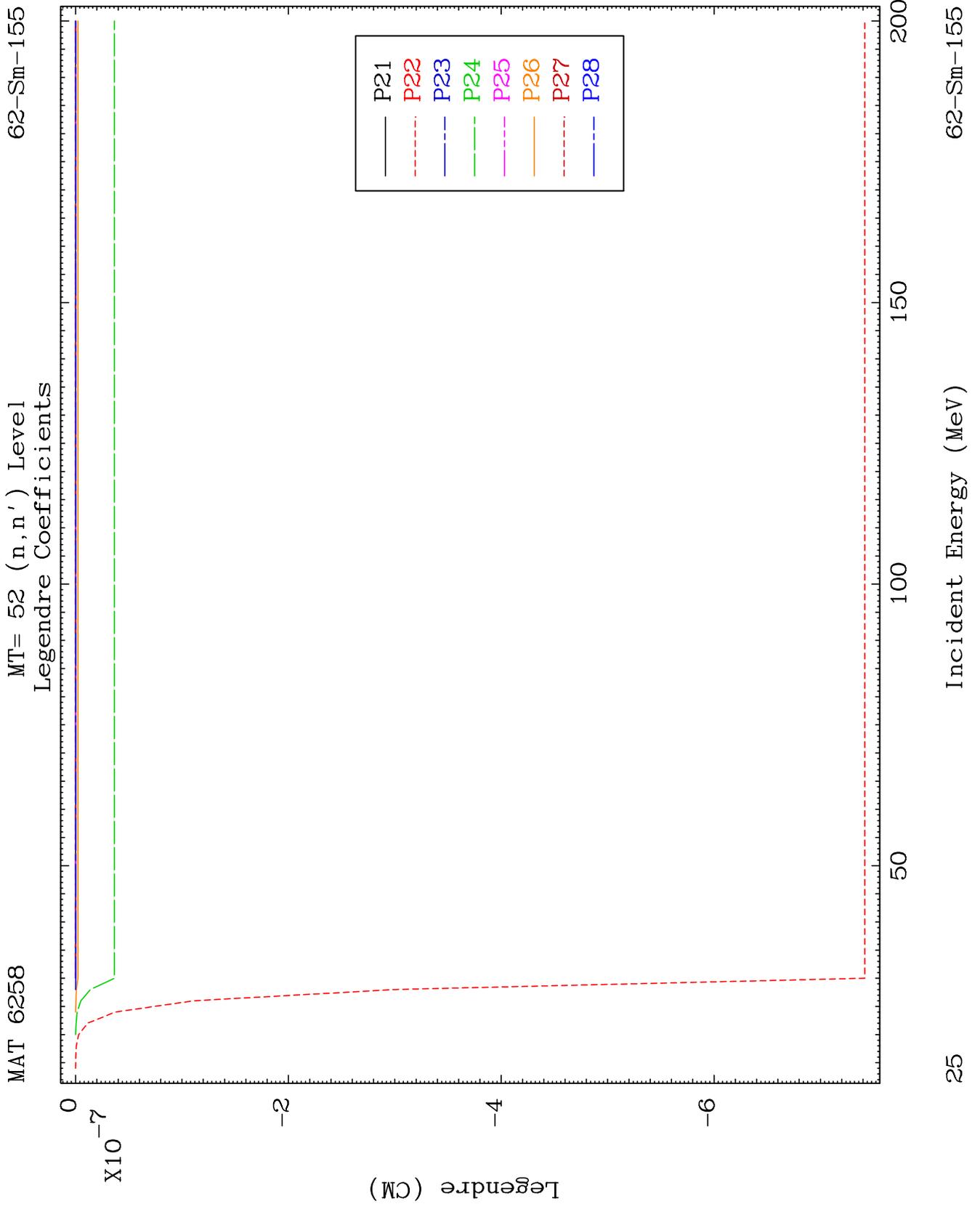
MT= 52 (n,n') Level  
Legendre Coefficients

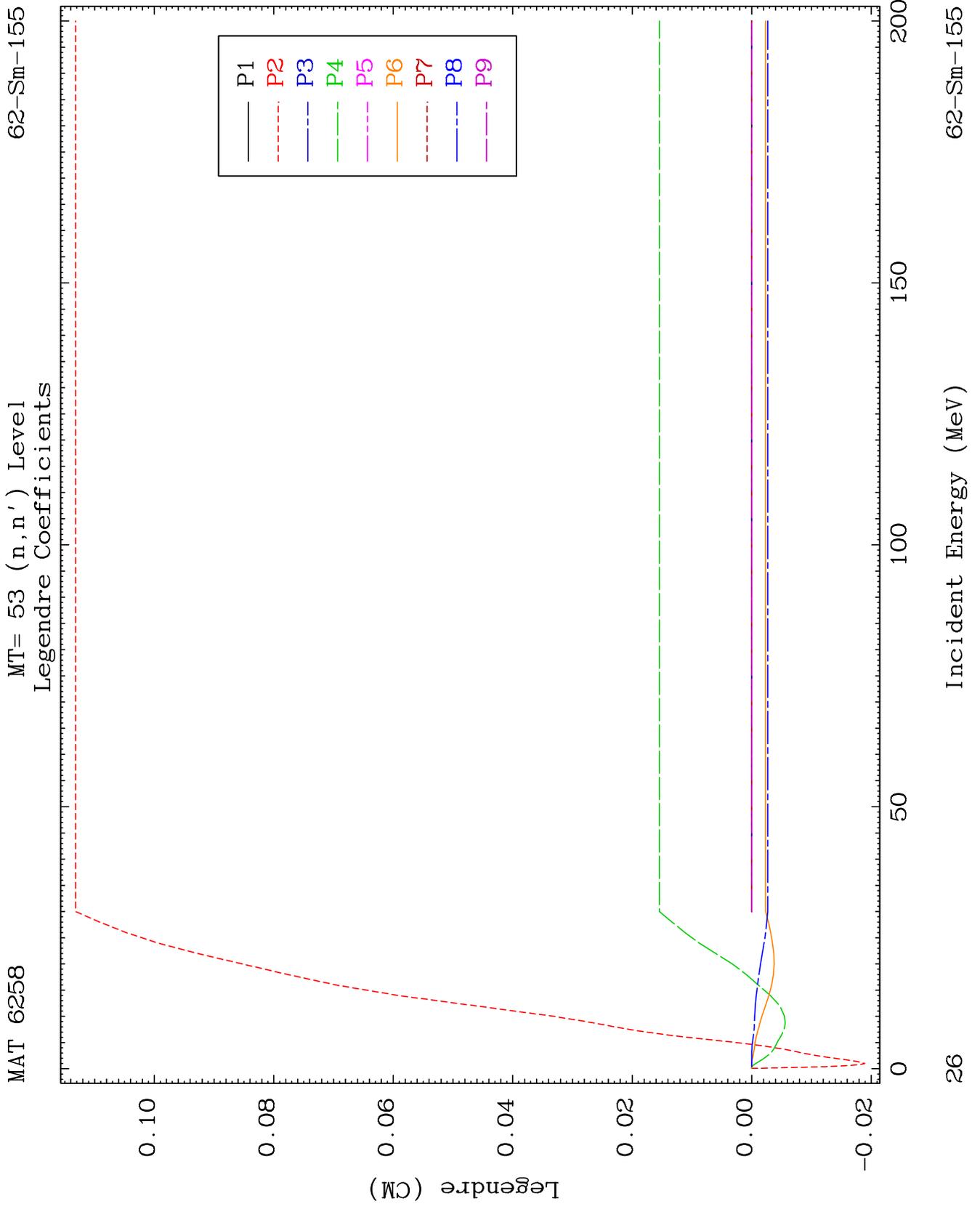
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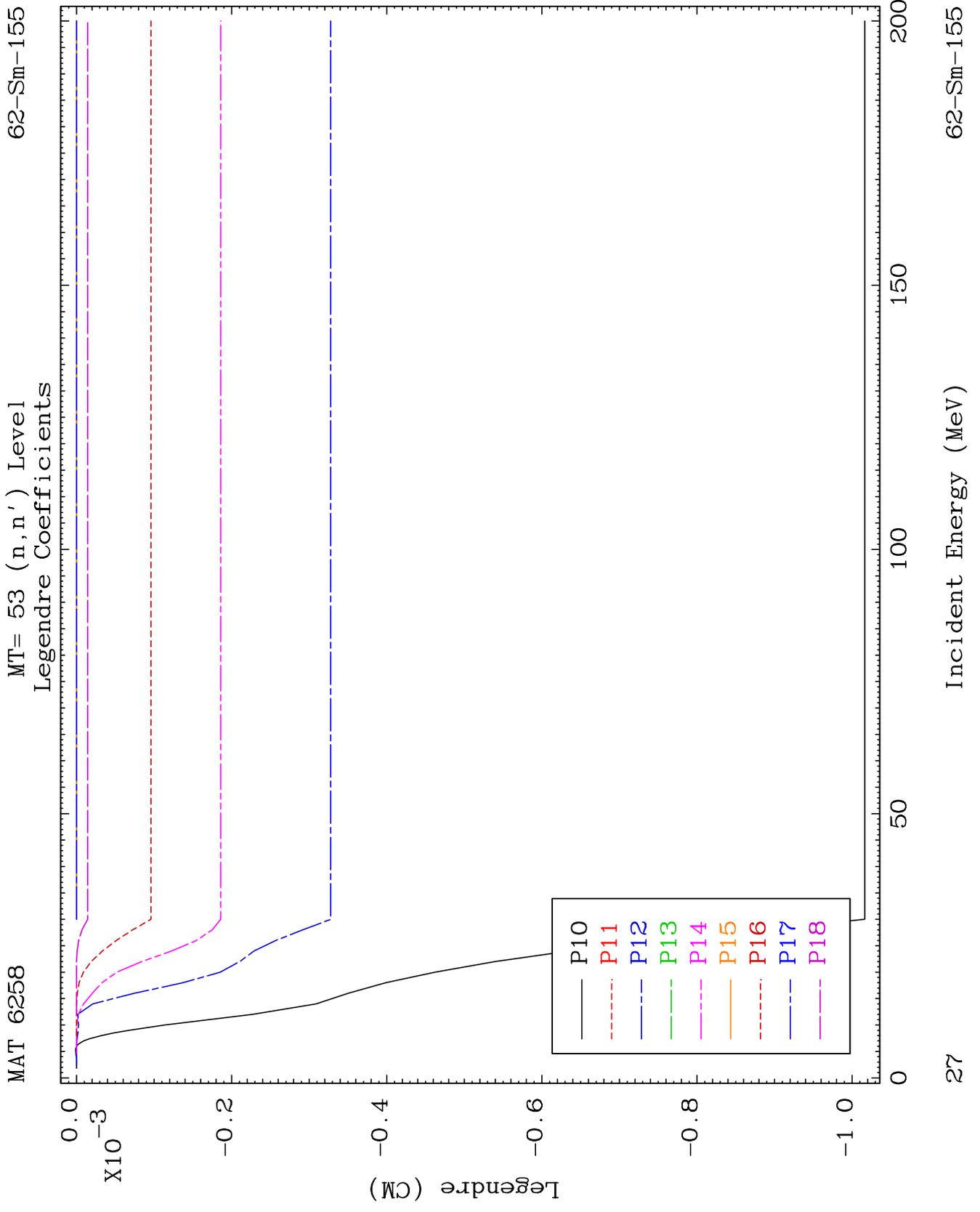


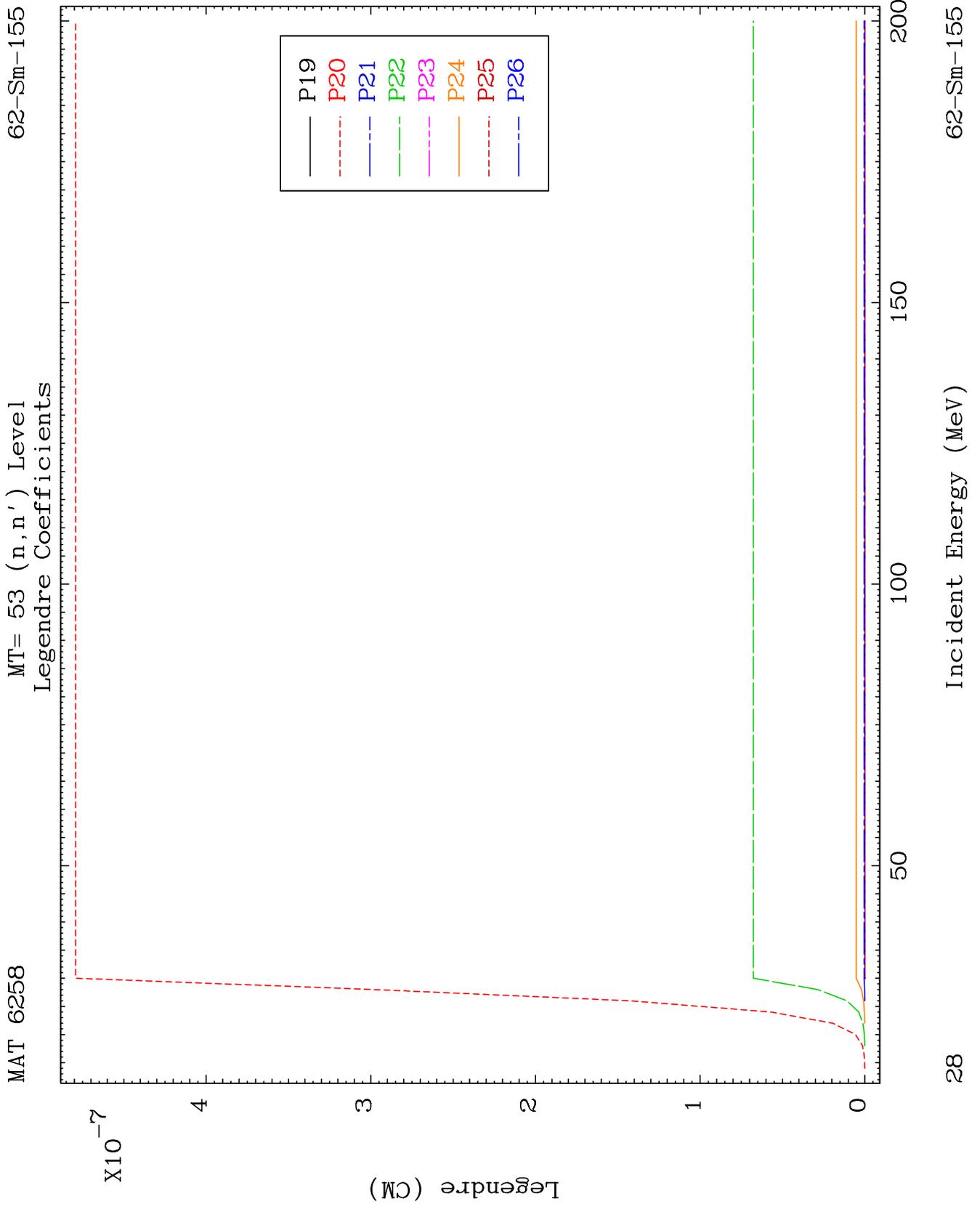
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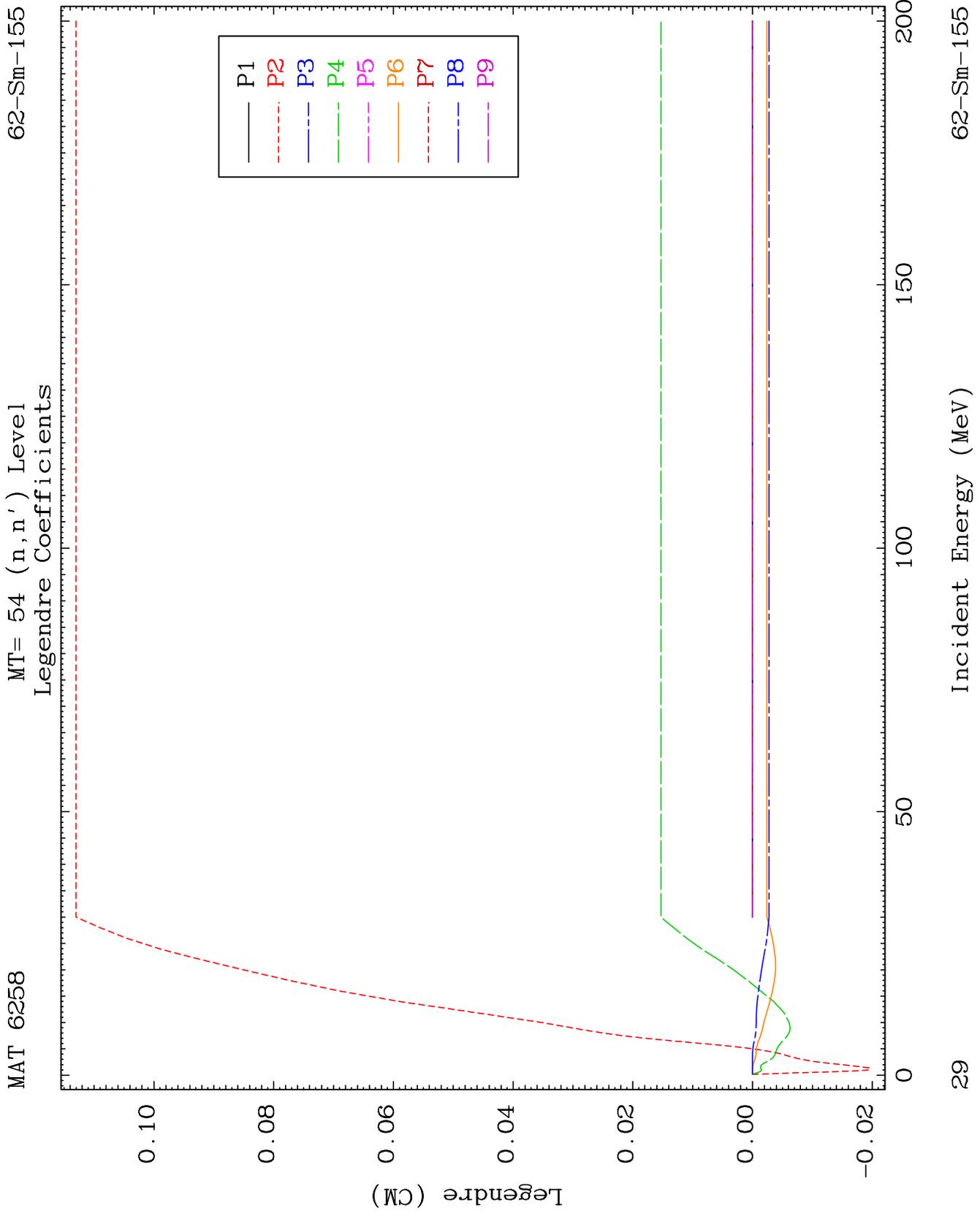
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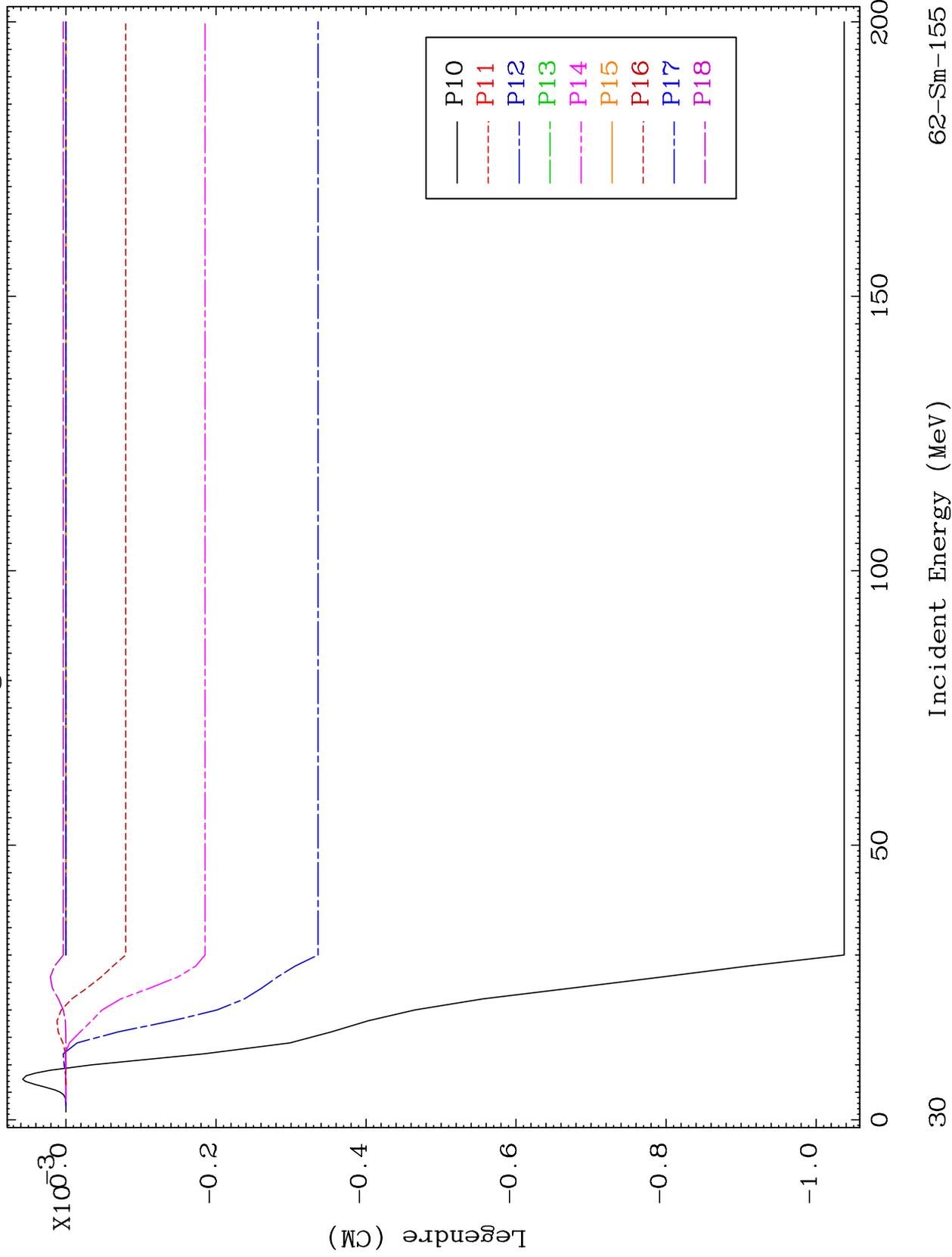




MAT 6258

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

62-Sm-155

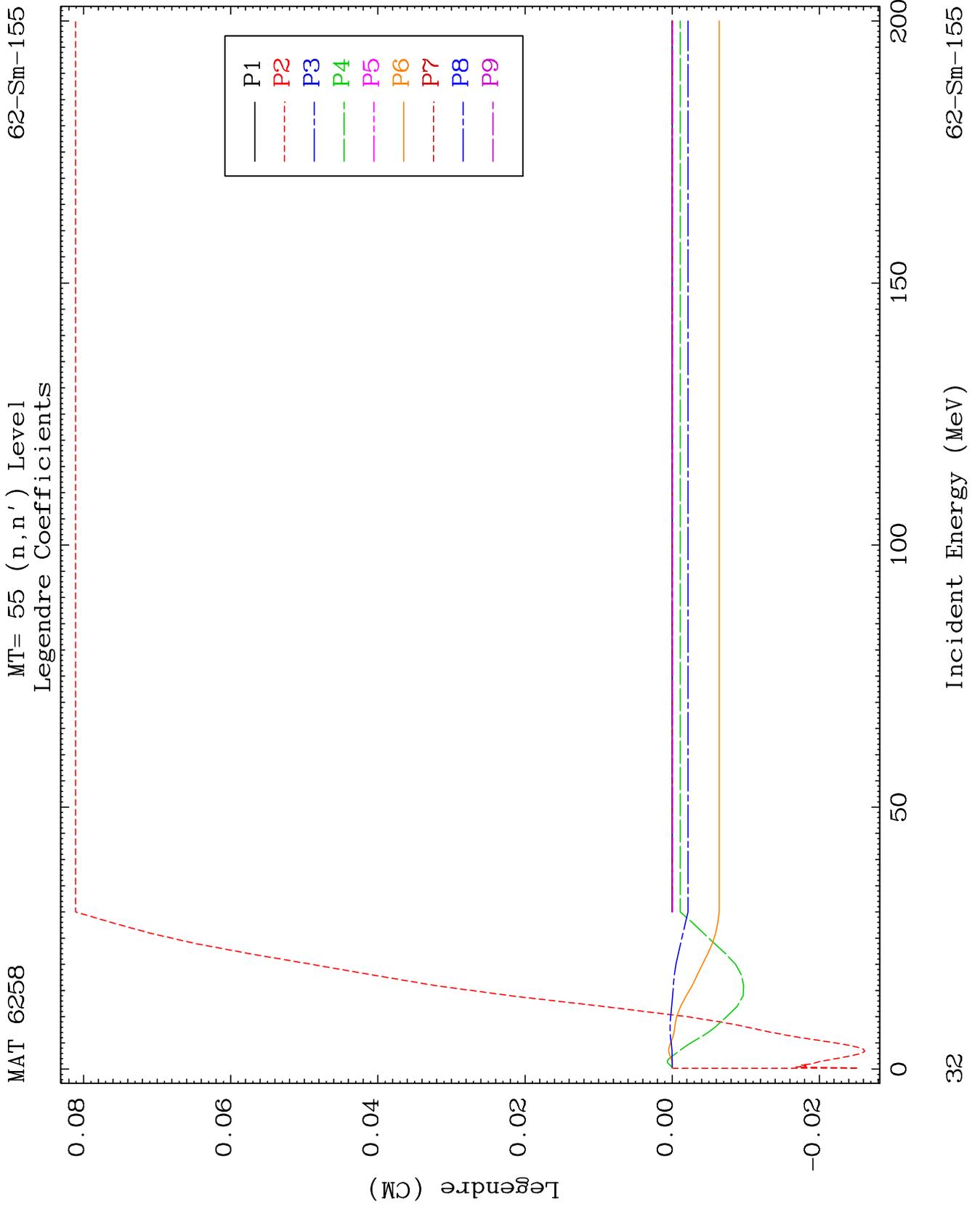


62-Sm-155

Incident Energy (MeV)

30

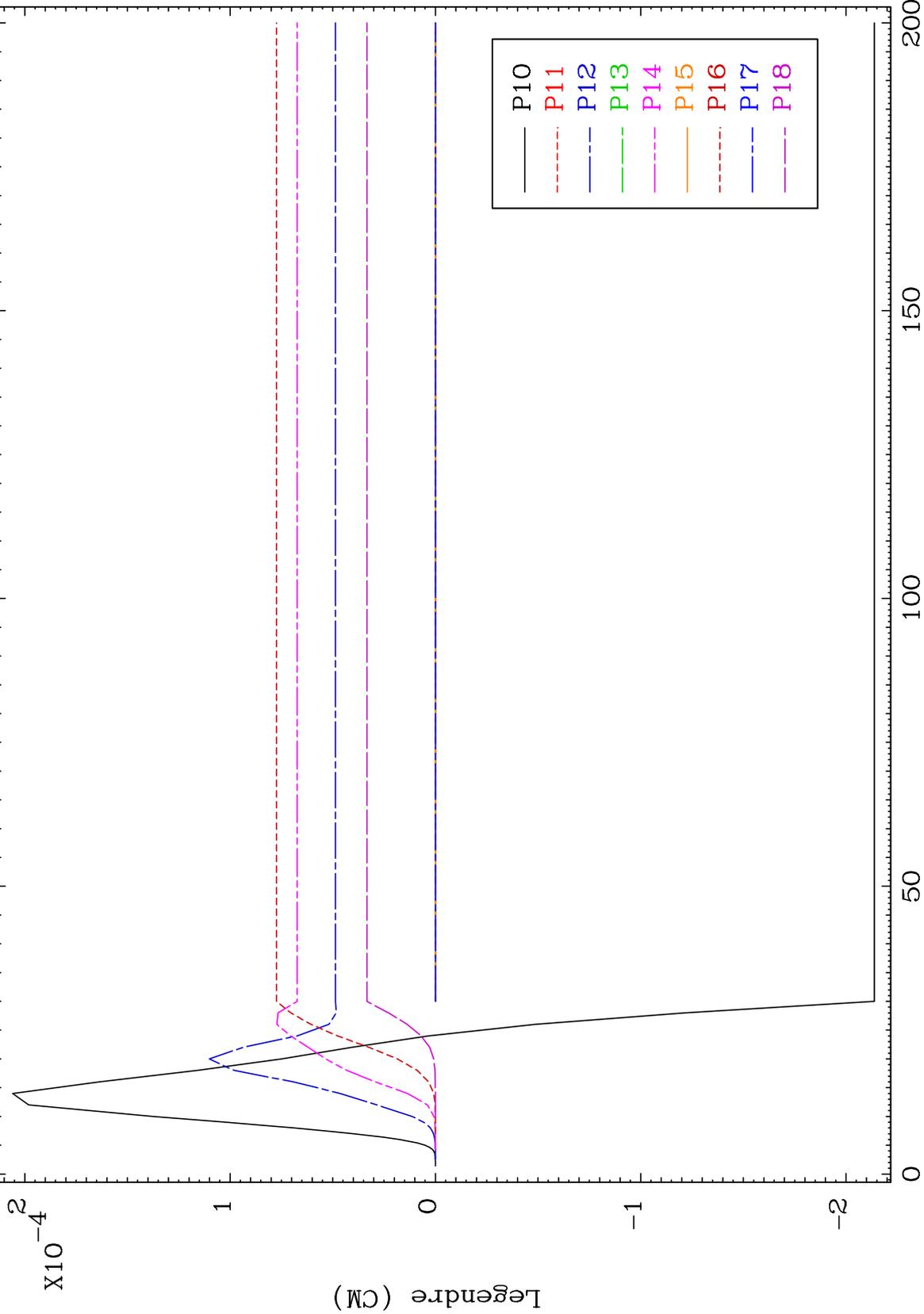




MAT 6258

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

62-Sm-155

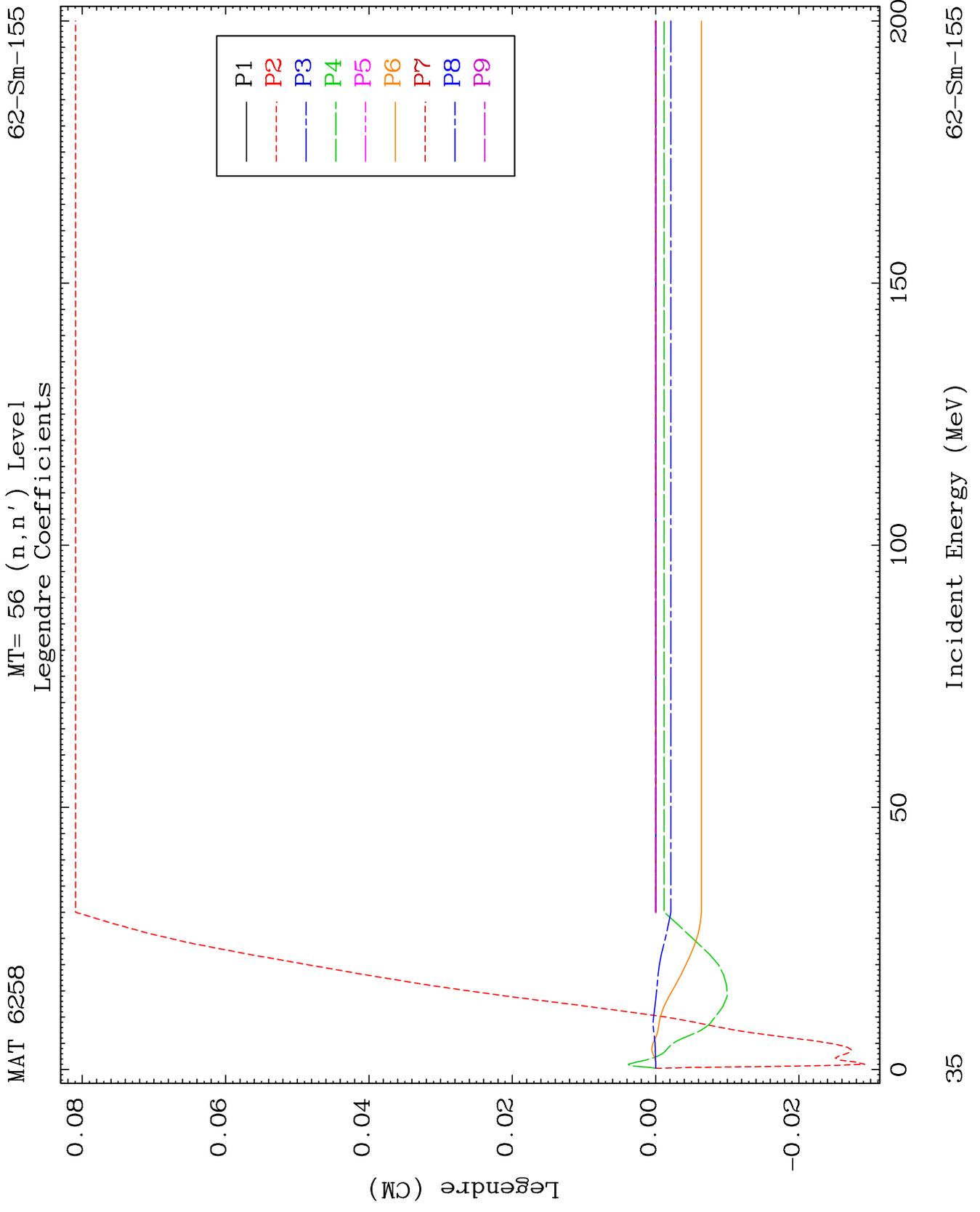


33

Incident Energy (MeV)

62-Sm-155

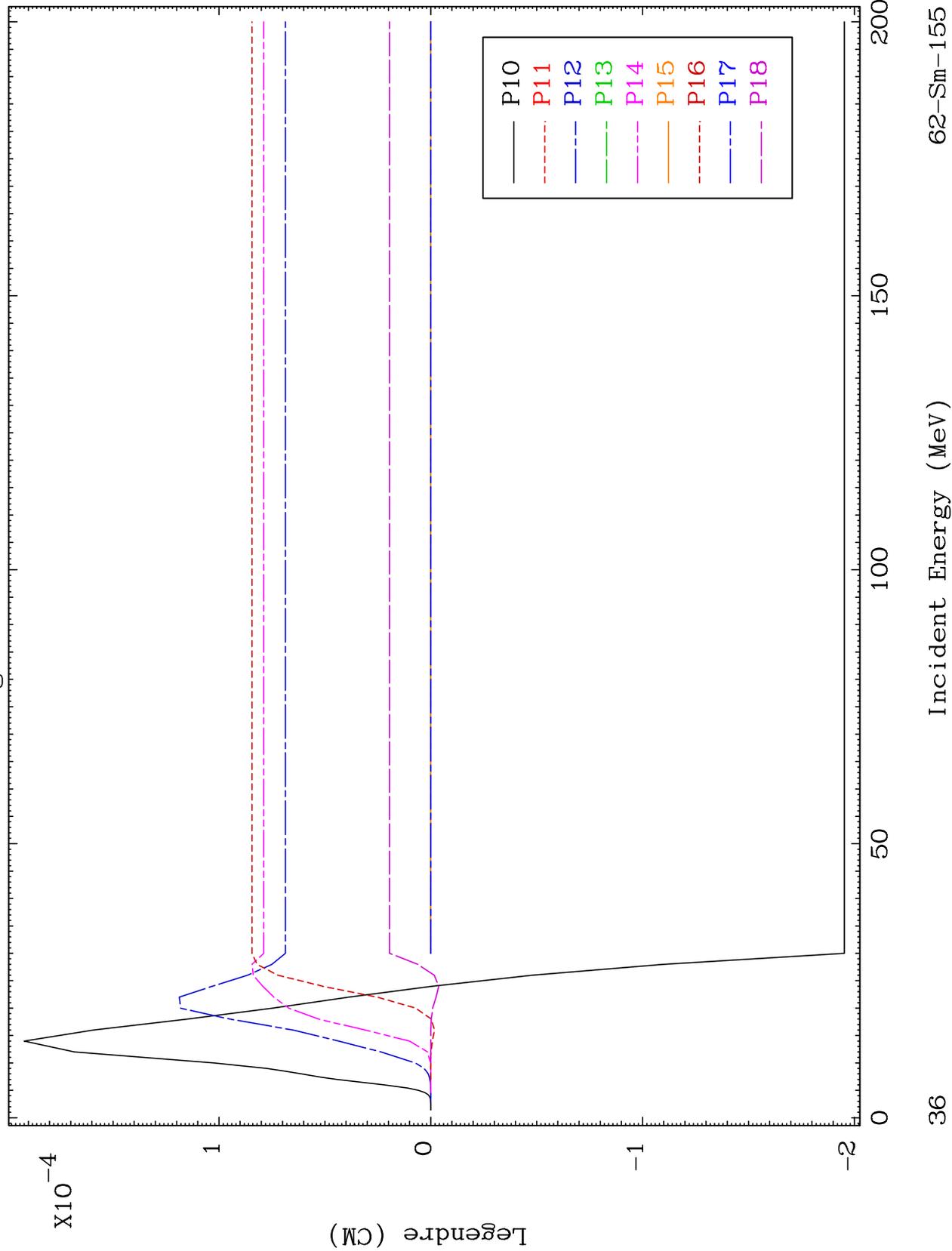


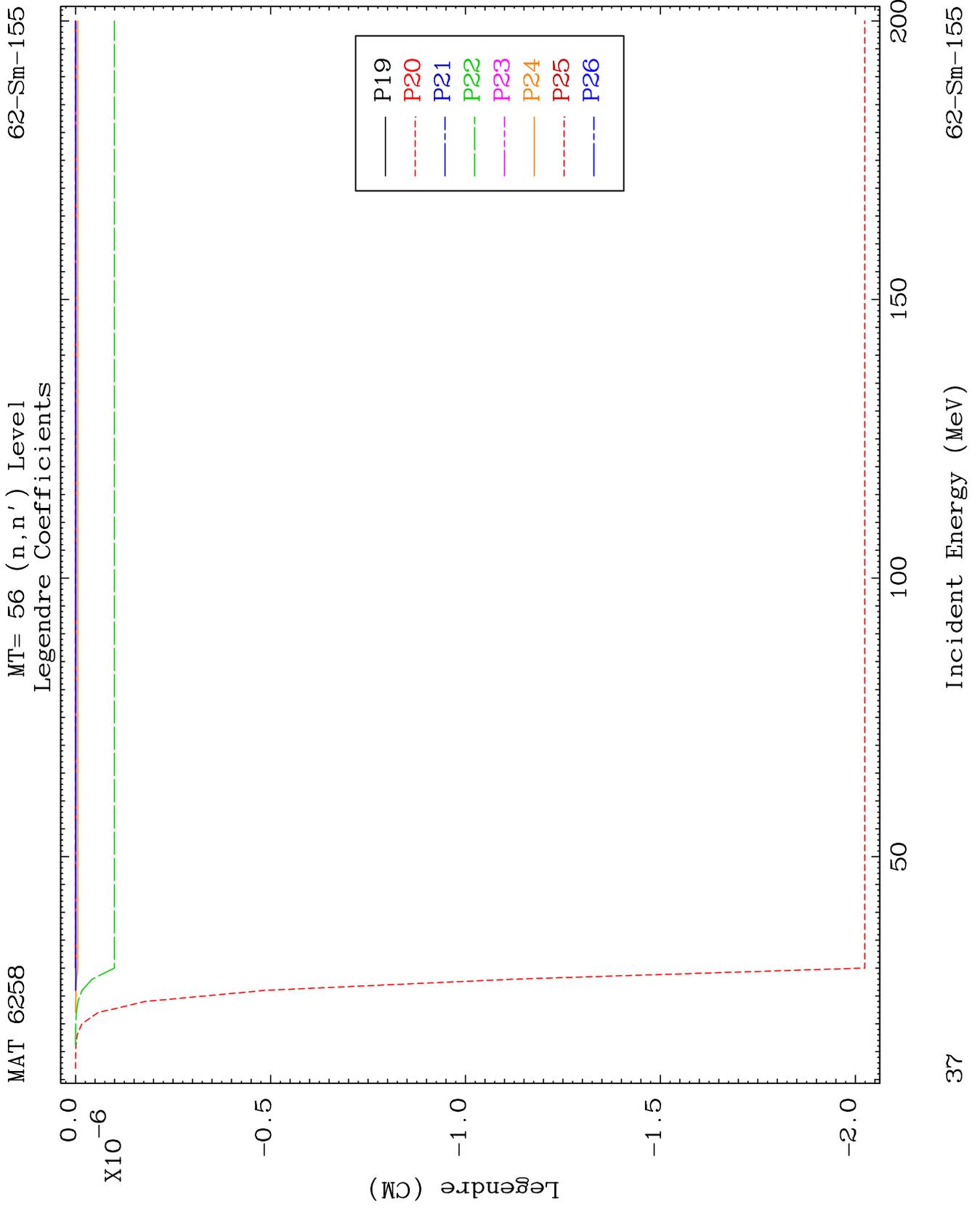


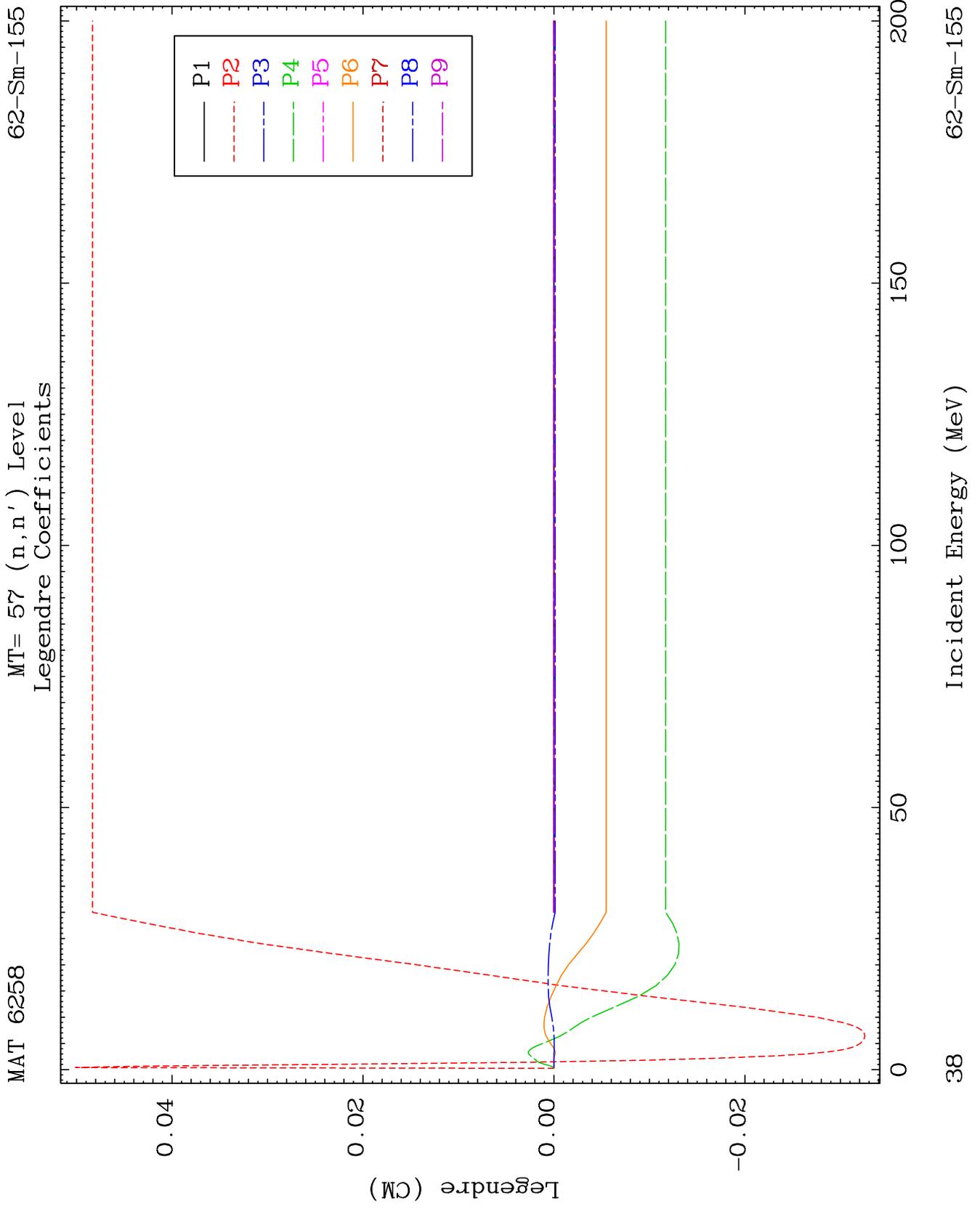
MAT 6258

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

62-Sm-155



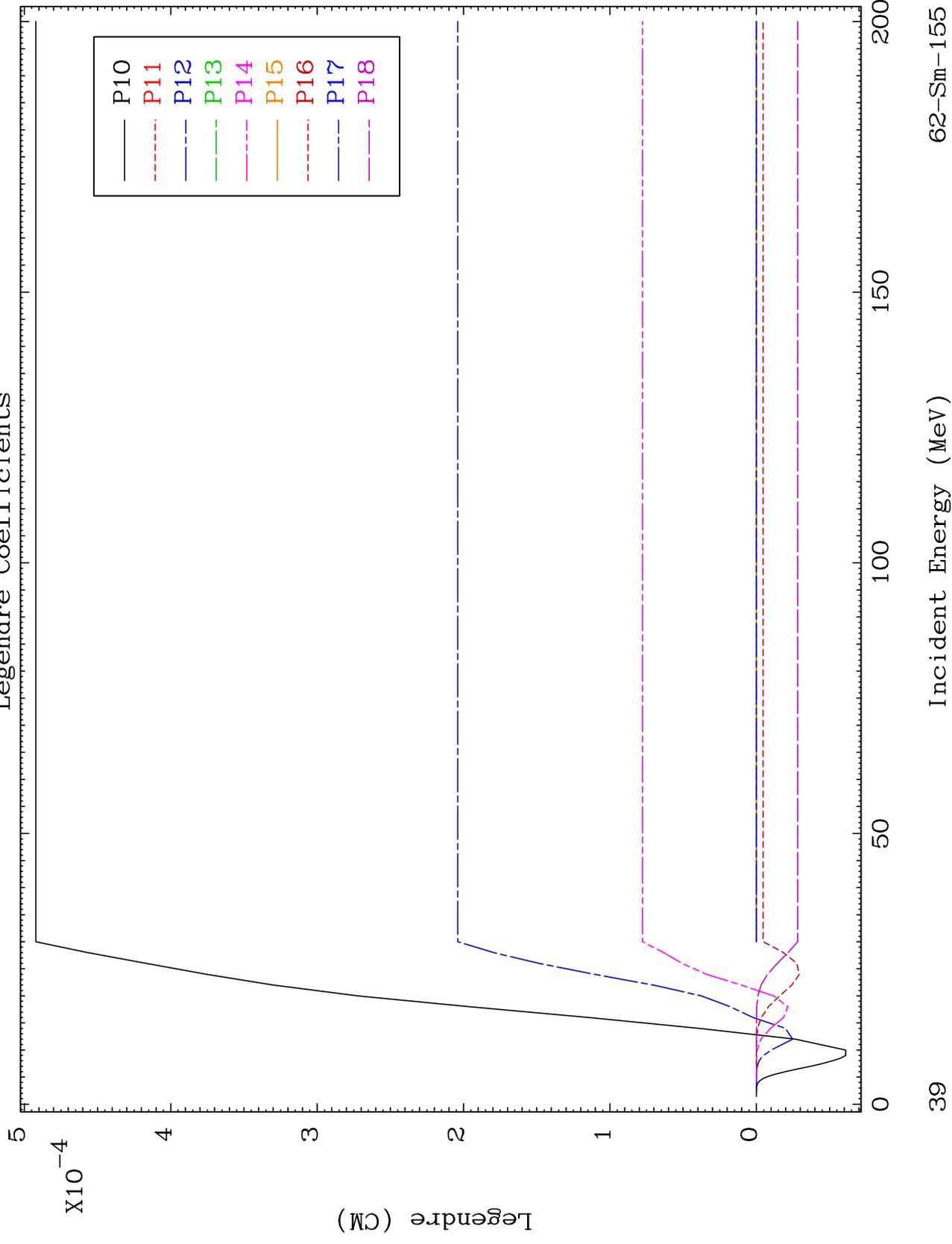


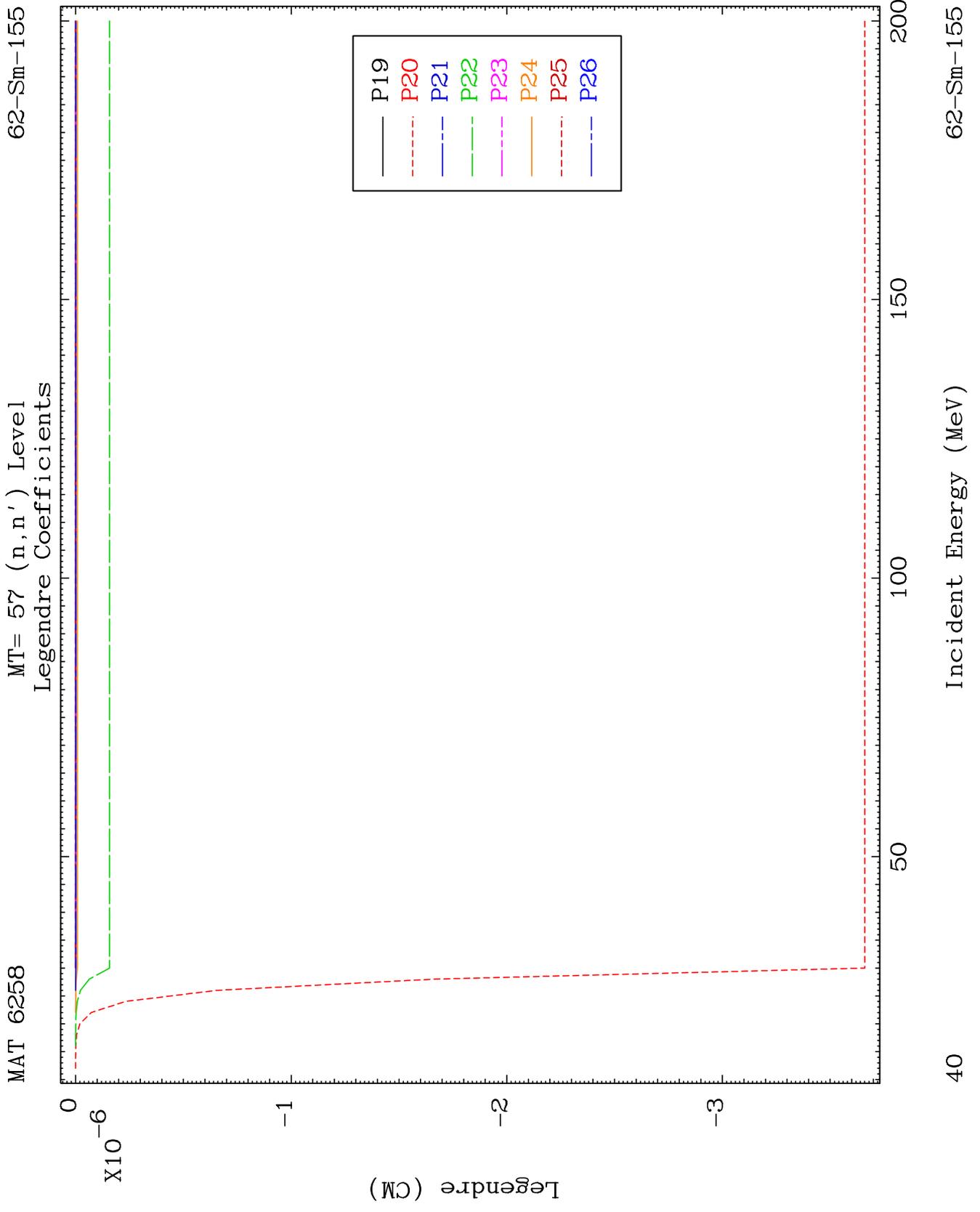


MAT 6258

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

62-Sm-155

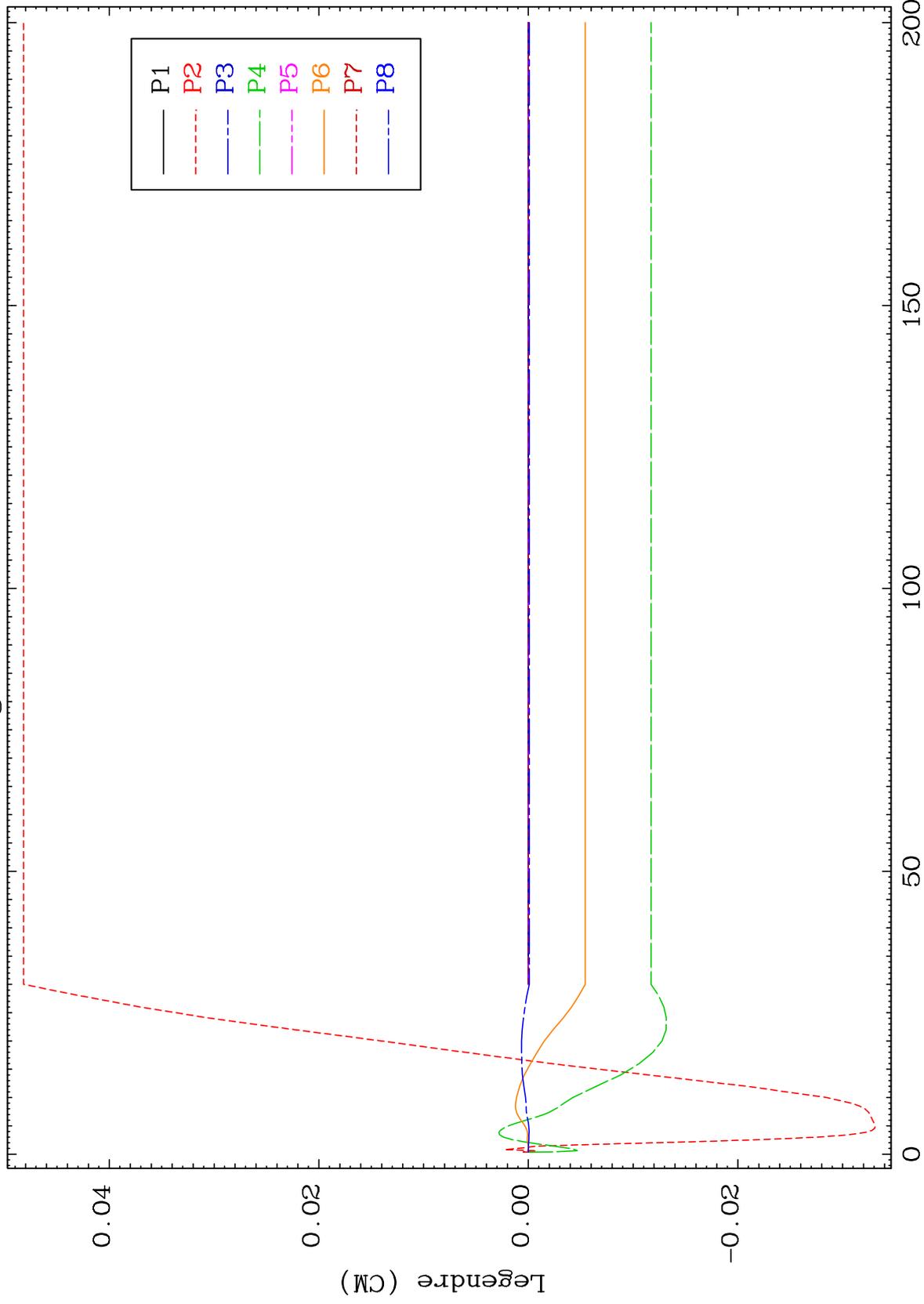




MAT 6258

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

62-Sm-155



41

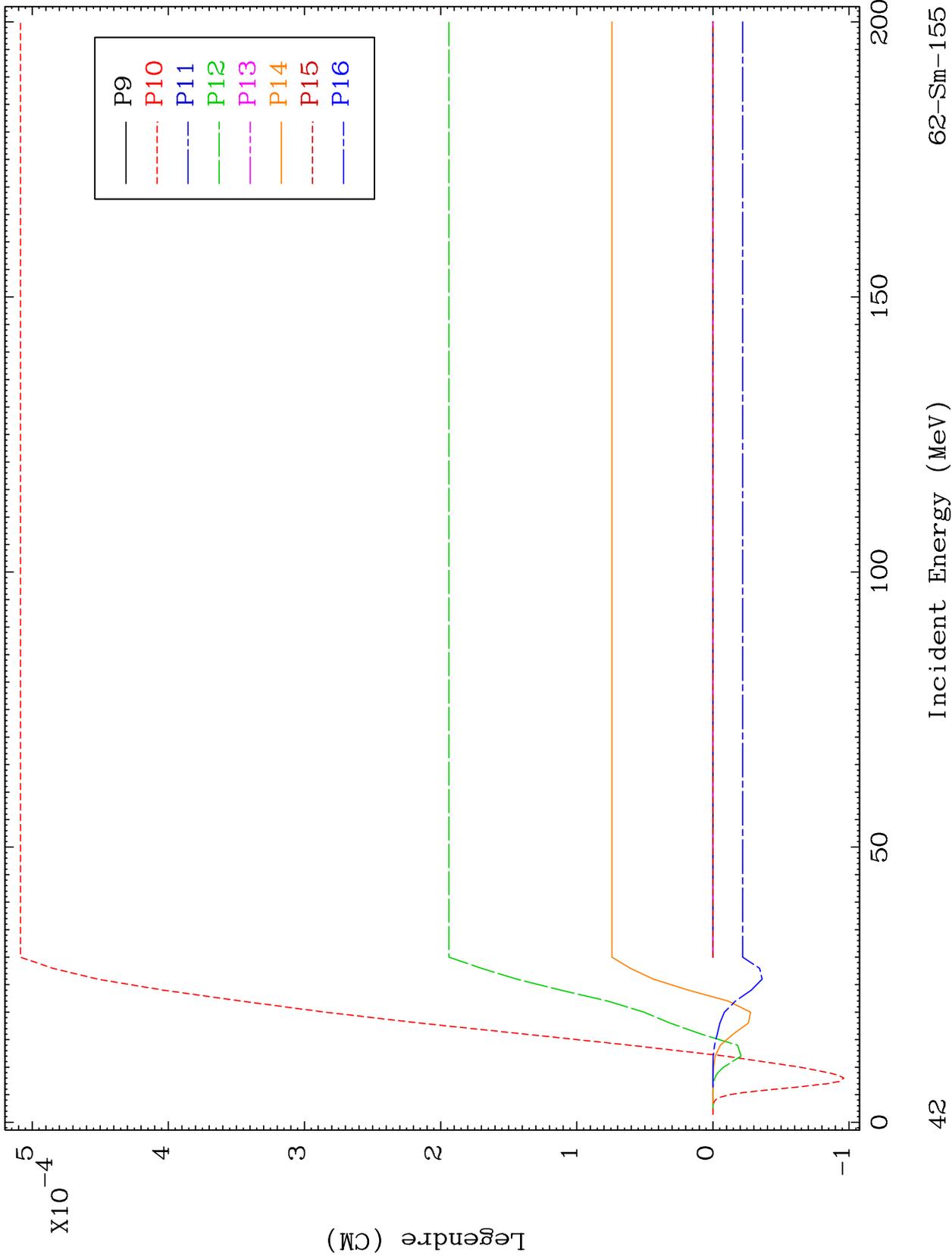
Incident Energy (MeV)

62-Sm-155

MAT 6258

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

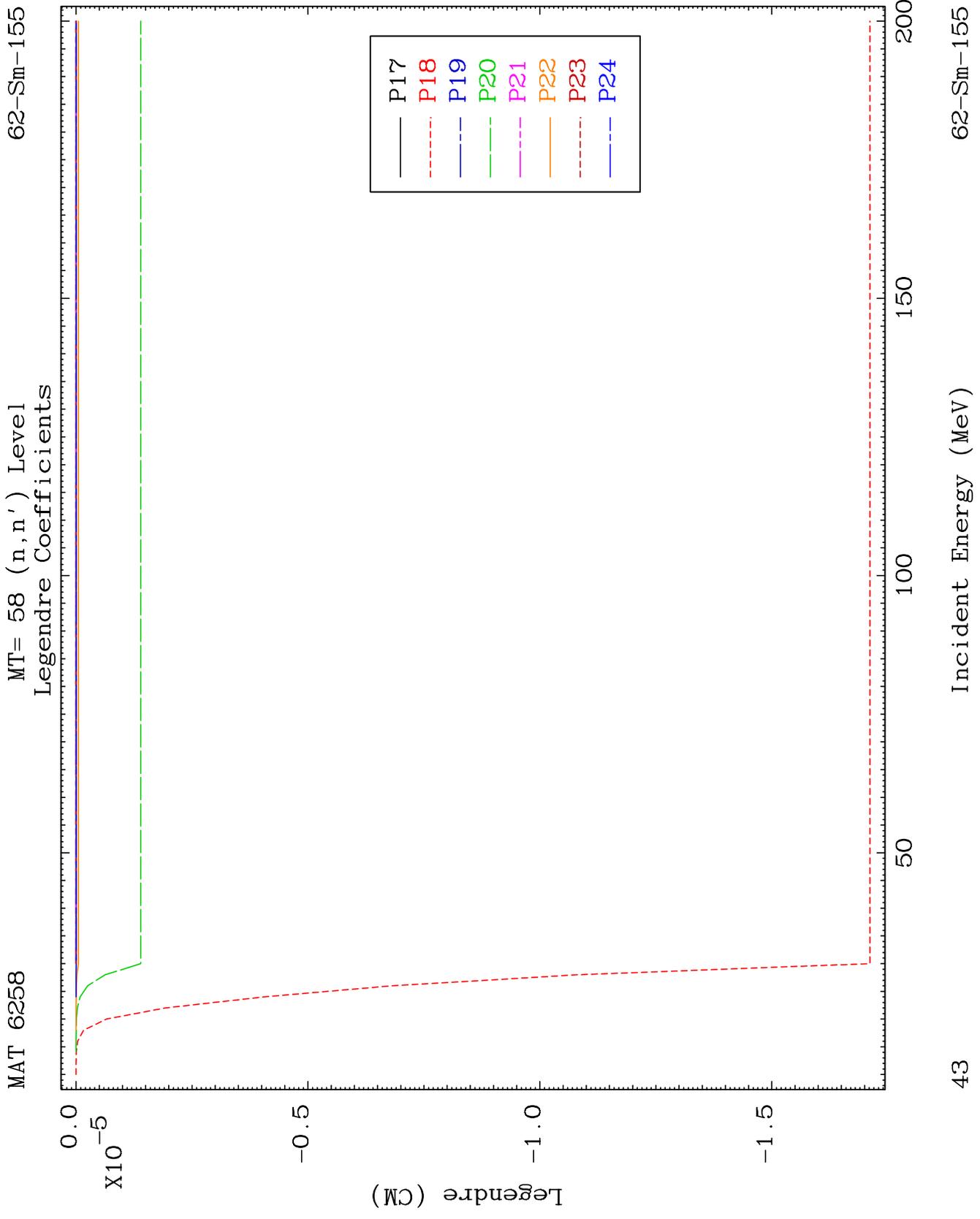
62-Sm-155



62-Sm-155

Incident Energy (MeV)

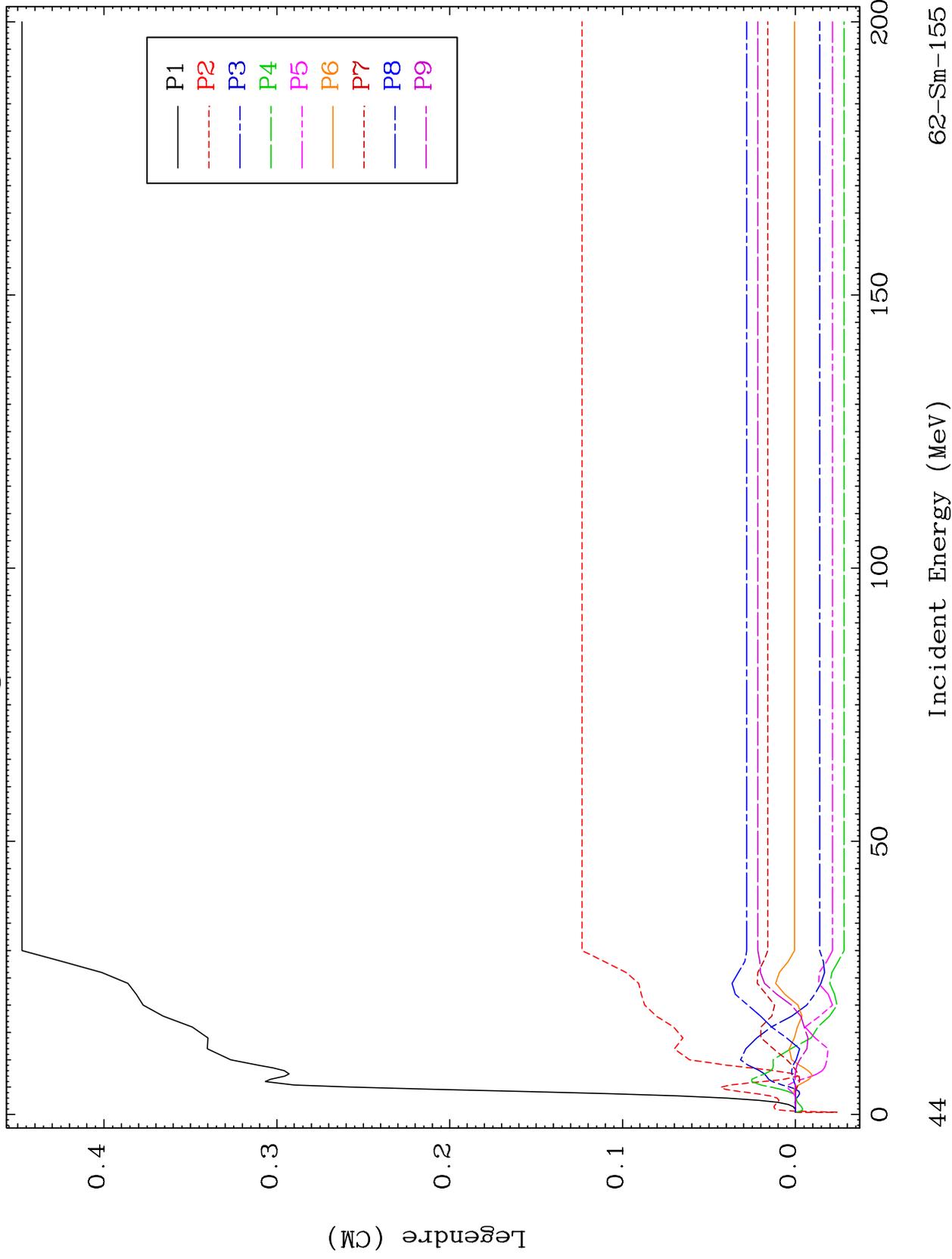
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MAT 6258

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

62-Sm-155



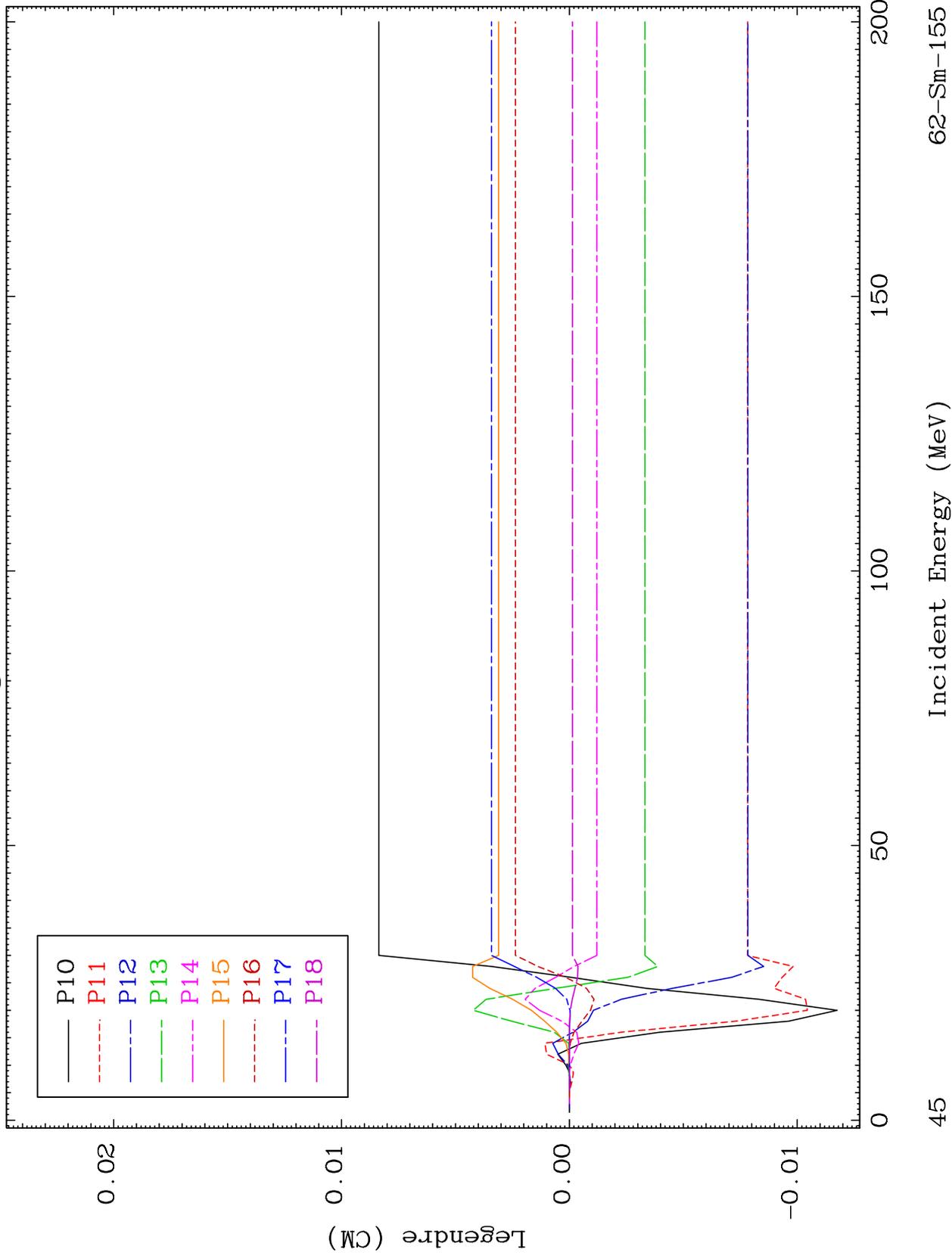
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62-Sm-155

MAT 6258

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

62-Sm-155



62-Sm-155

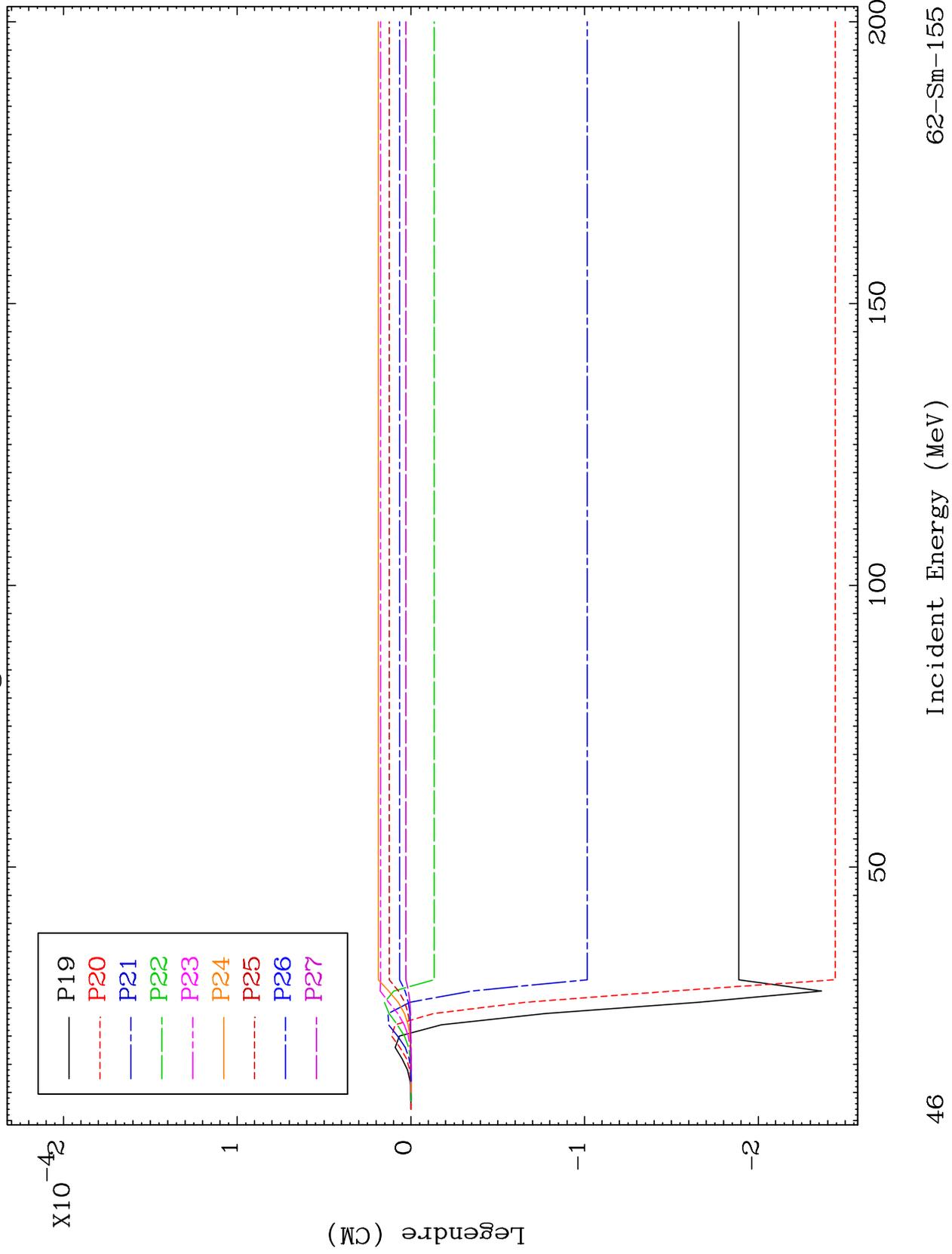
Incident Energy (MeV)

45

MAT 6258

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

62-Sm-155



46

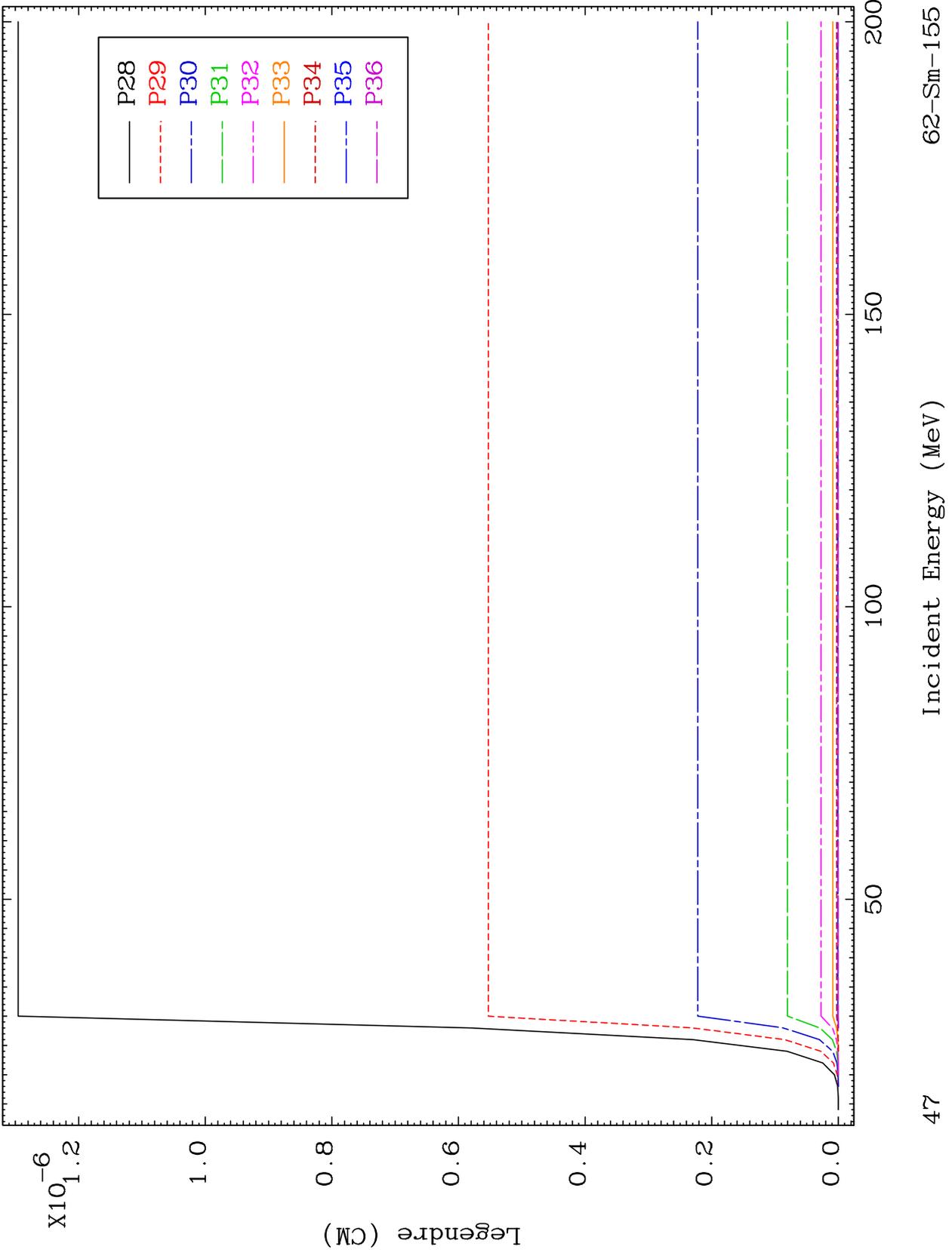
Incident Energy (MeV)

62-Sm-155

MAT 6258

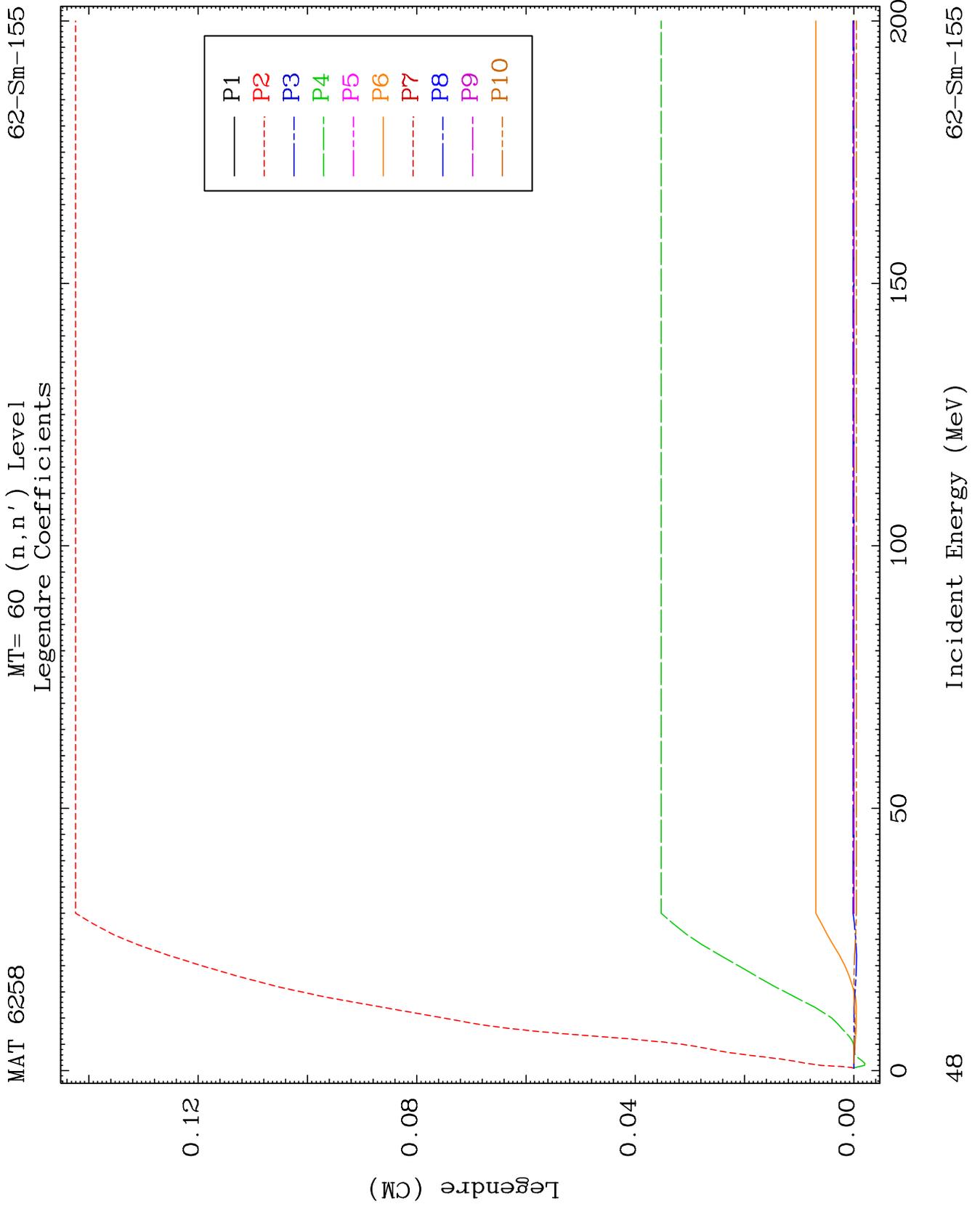
MT= 59 (n,n') Level  
Legendre Coefficients

62-Sm-155



47

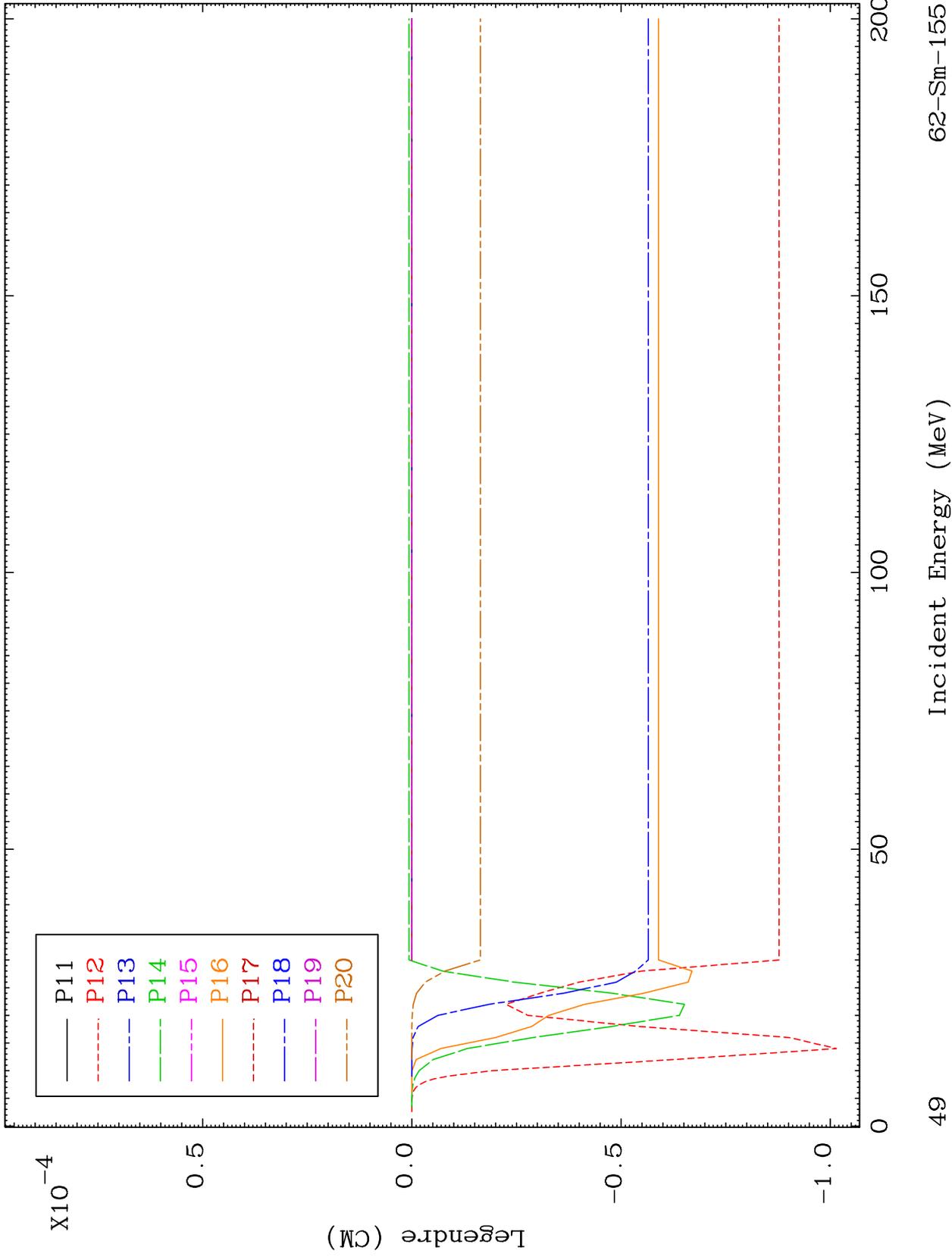
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MAT 6258

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

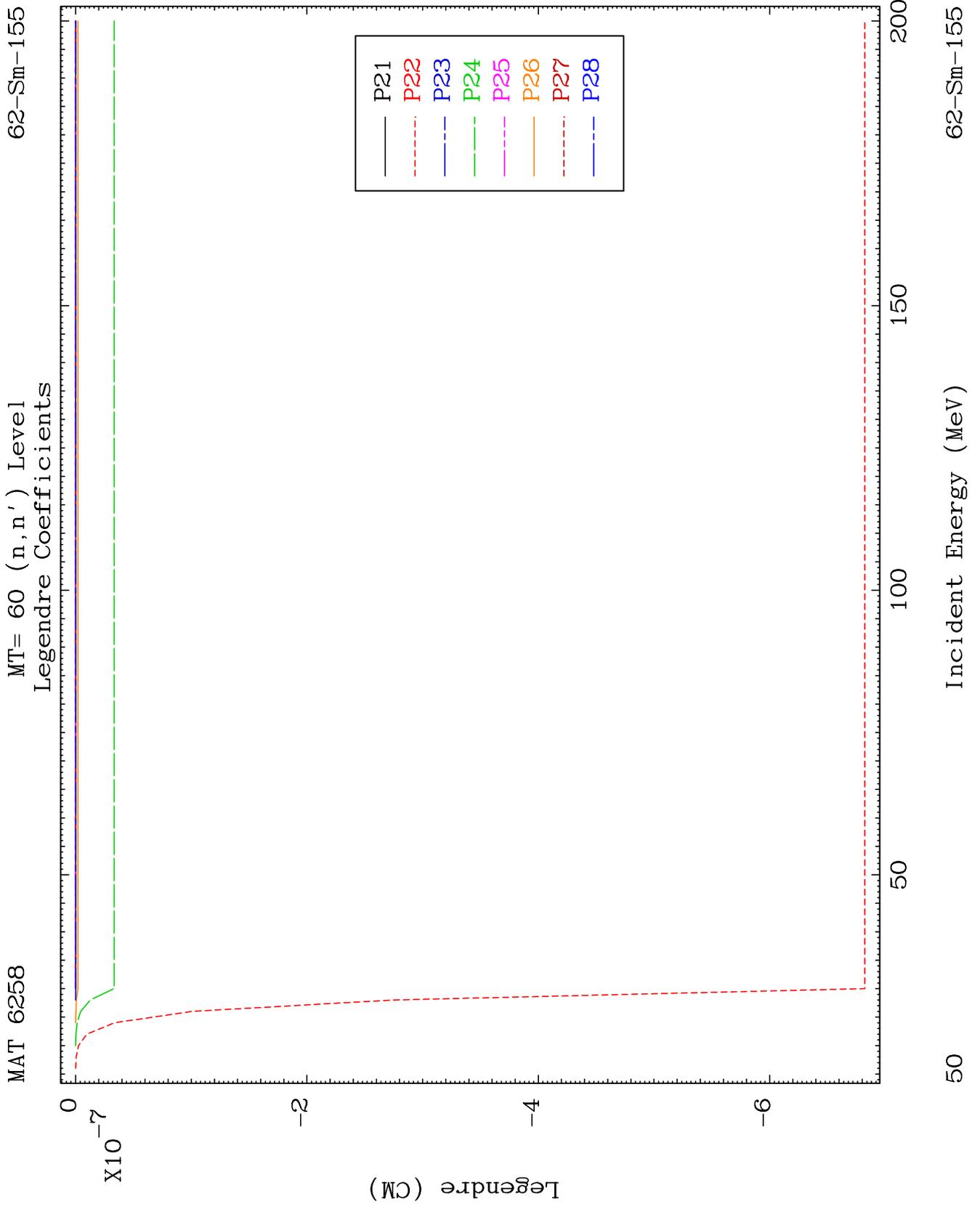
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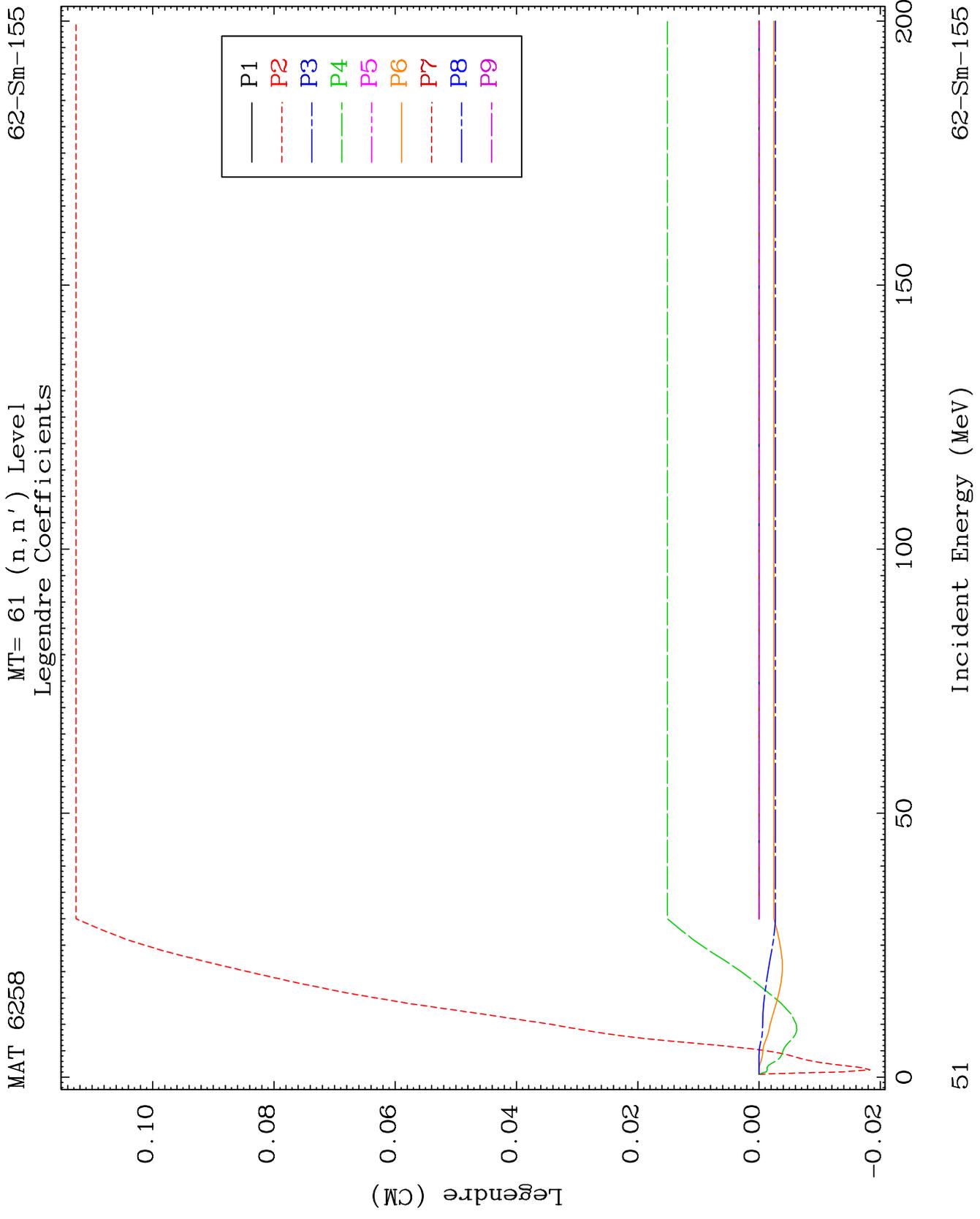


49

Incident Energy (MeV)

62-Sm-155

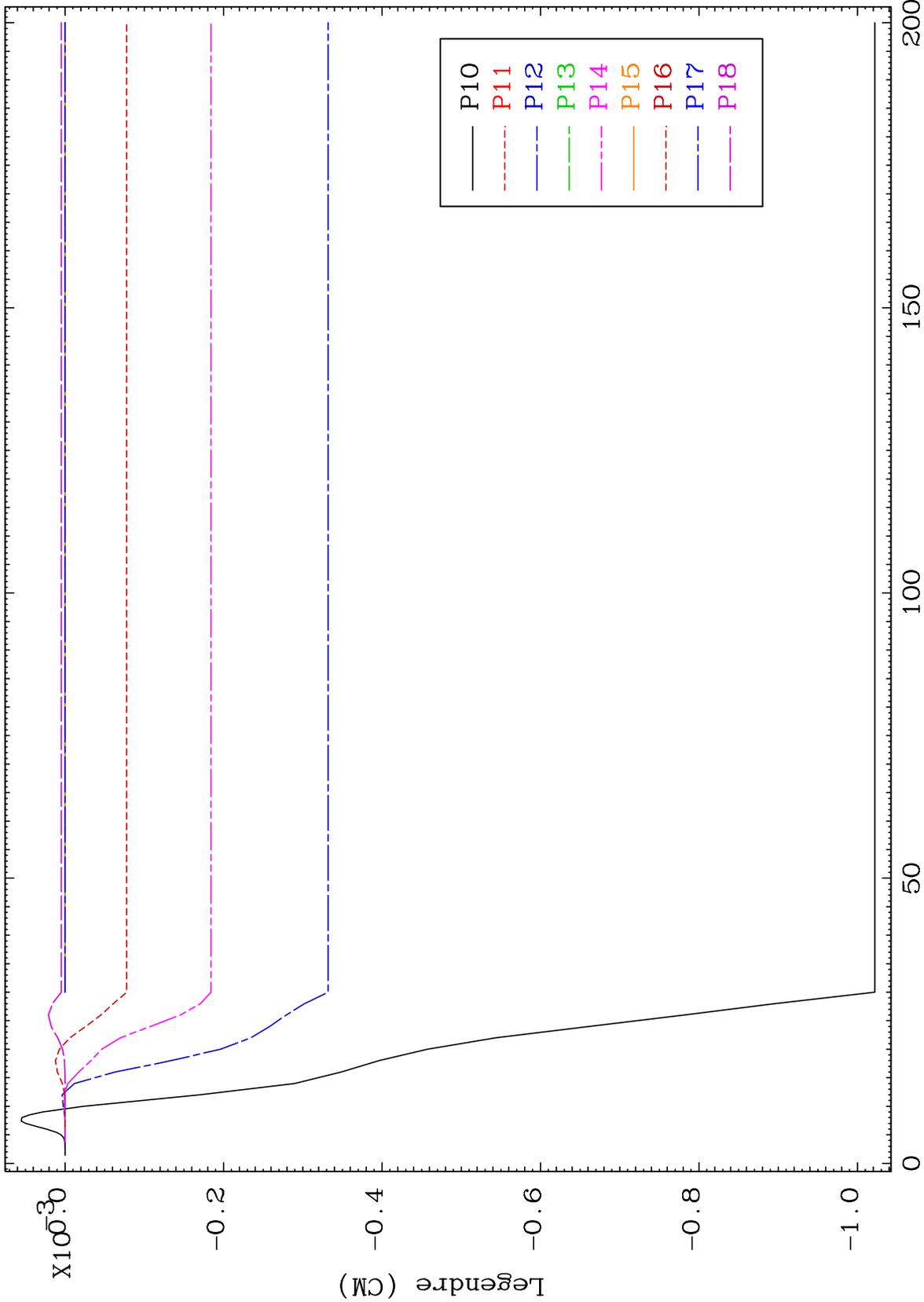




MAT 6258

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

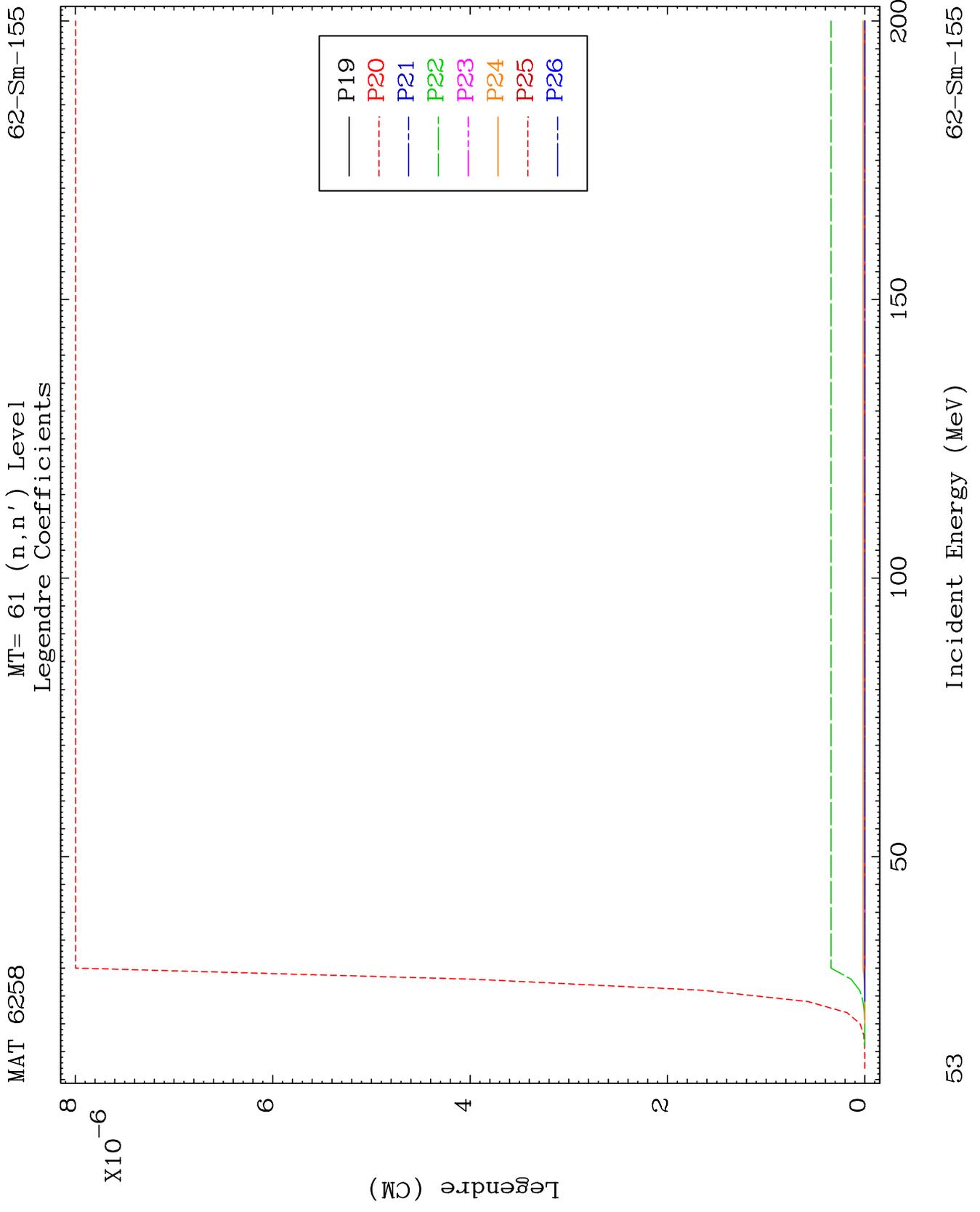
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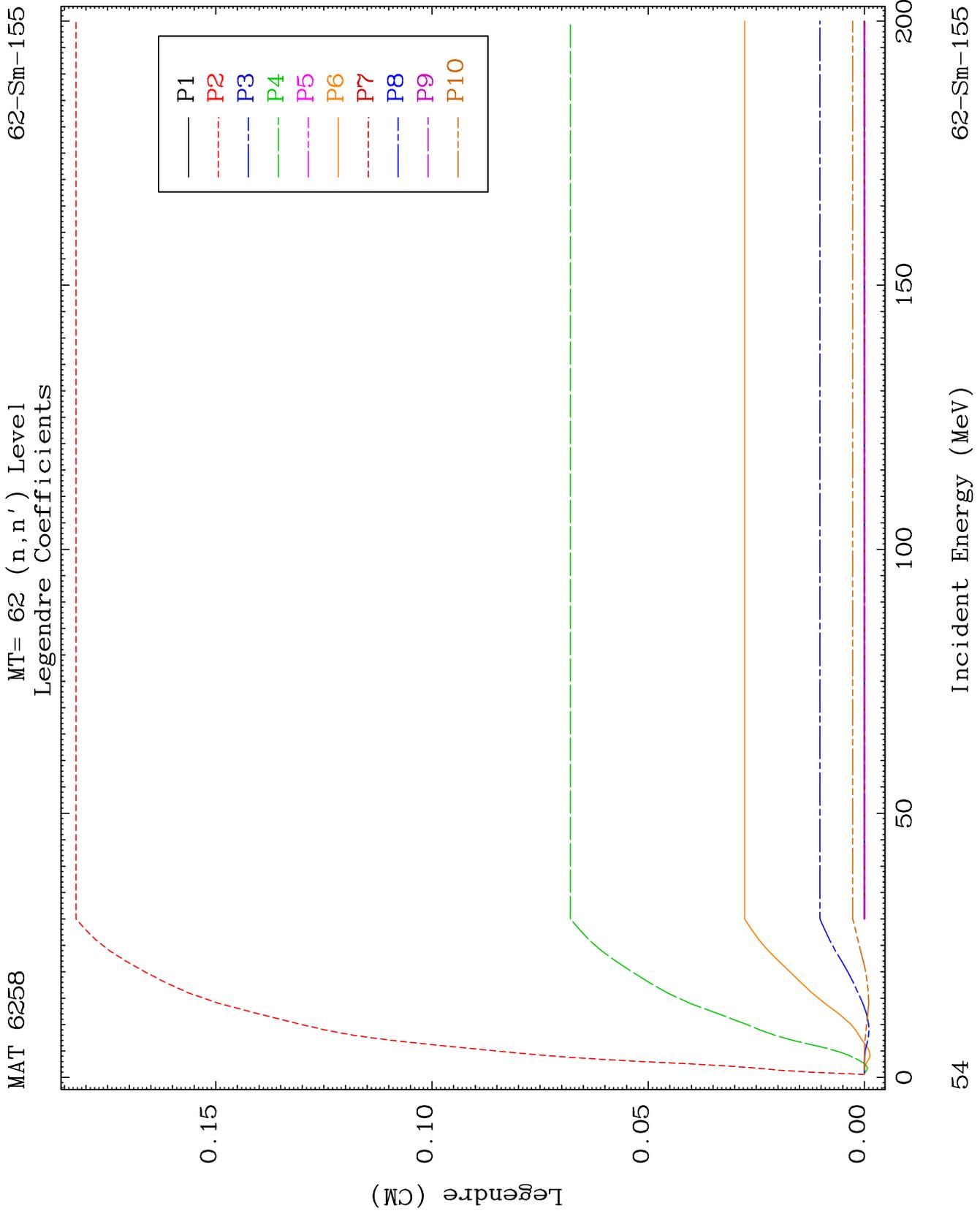


52

Incident Energy (MeV)

62-Sm-155

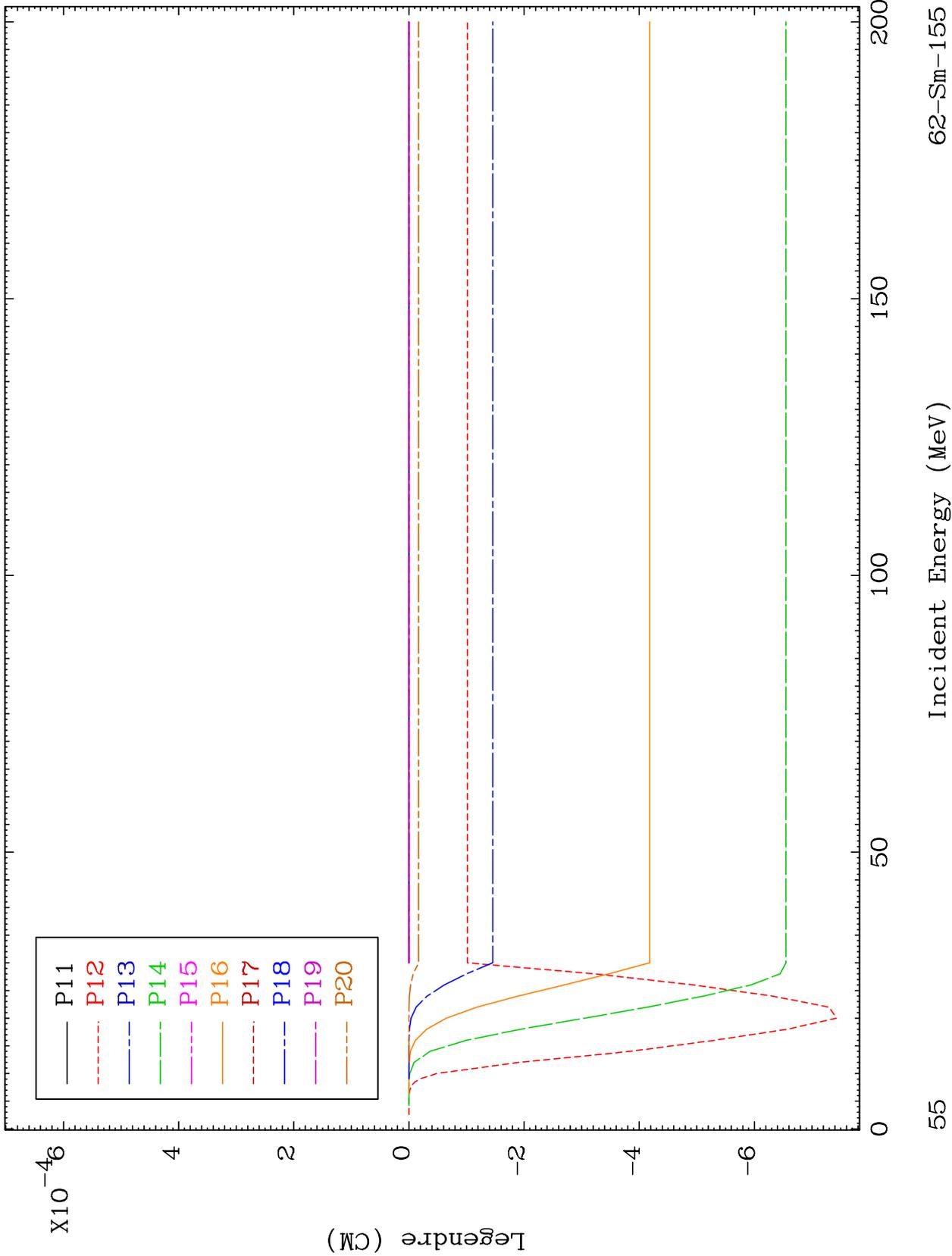




MAT 6258

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

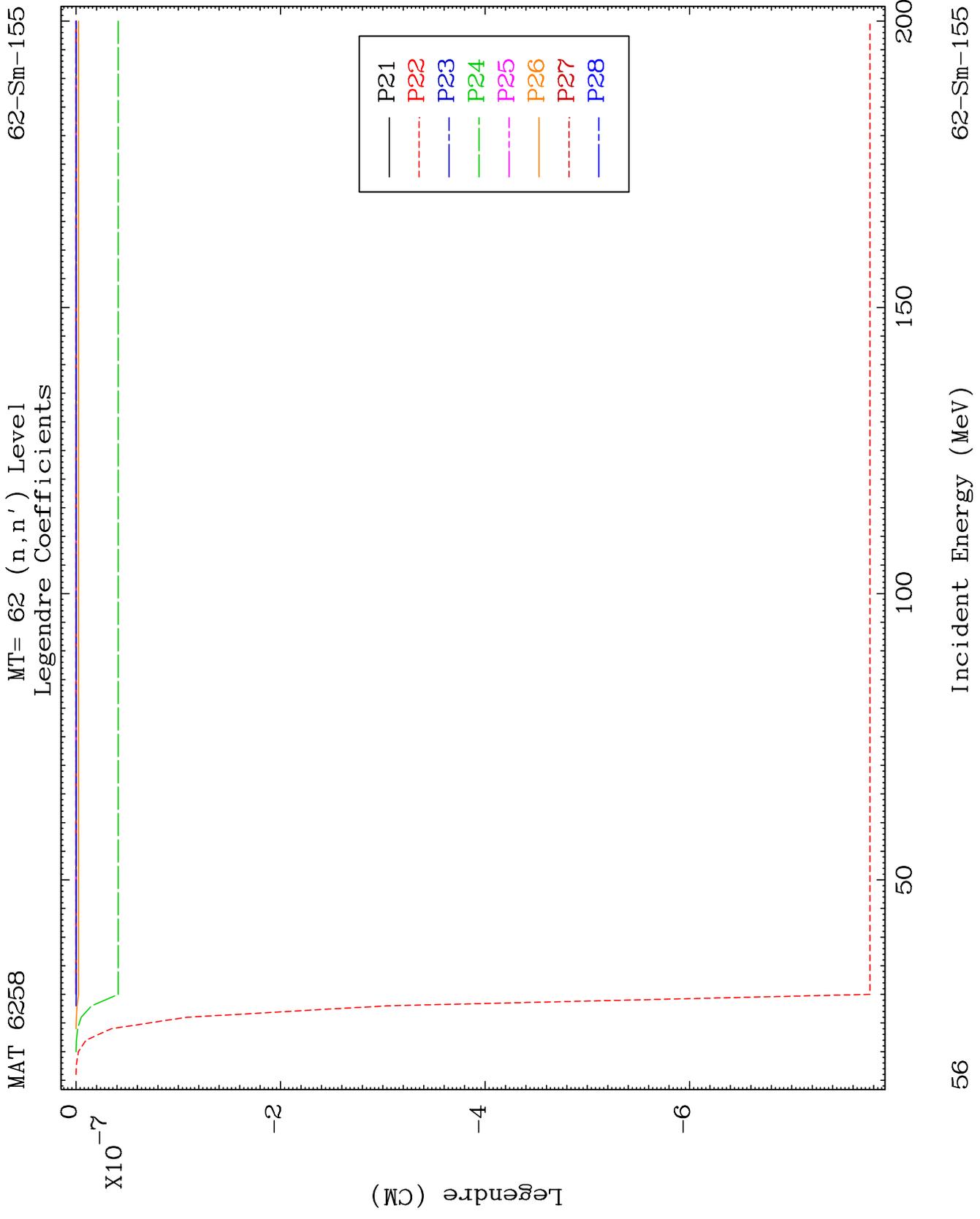
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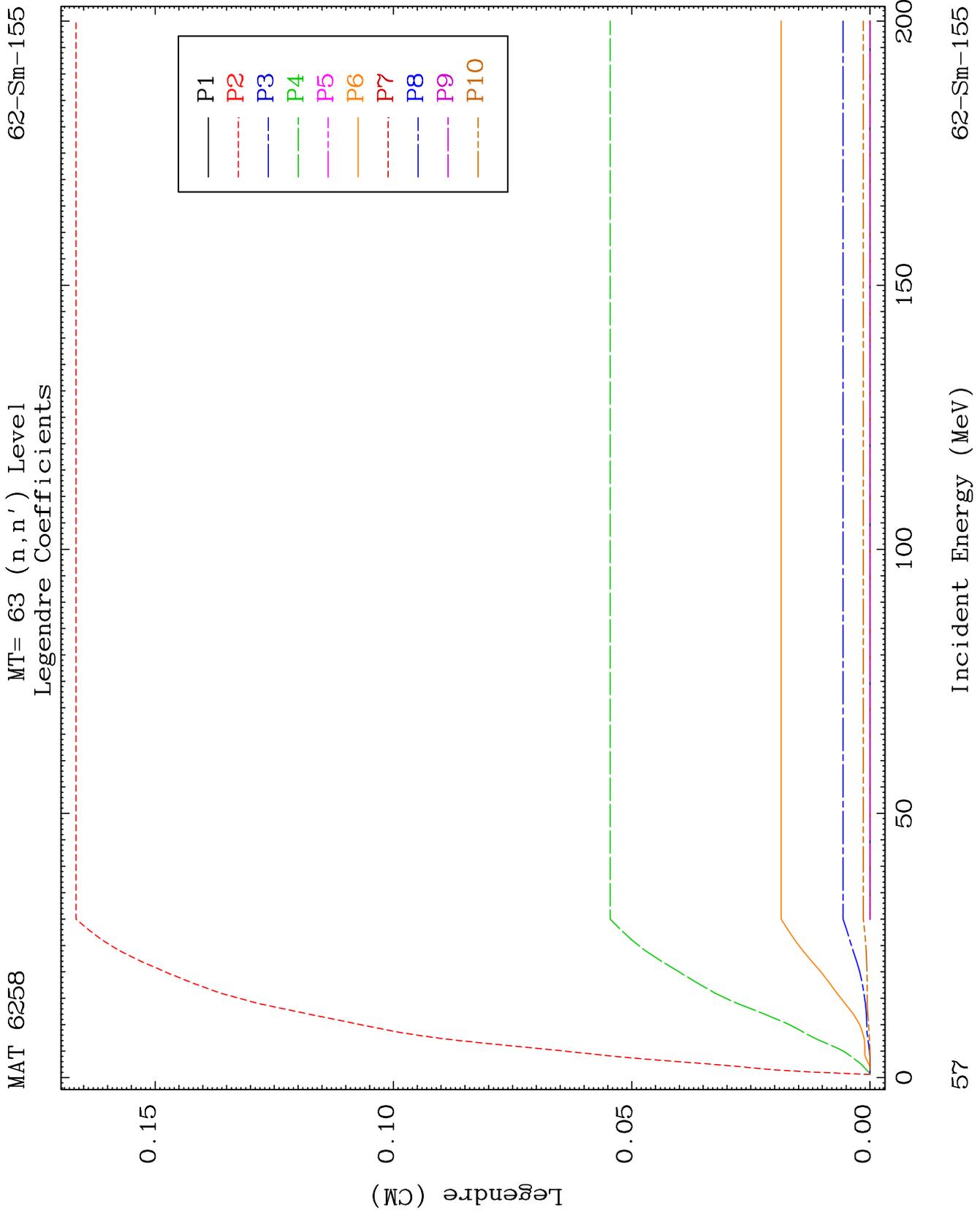


62-Sm-155

Incident Energy (MeV)

55

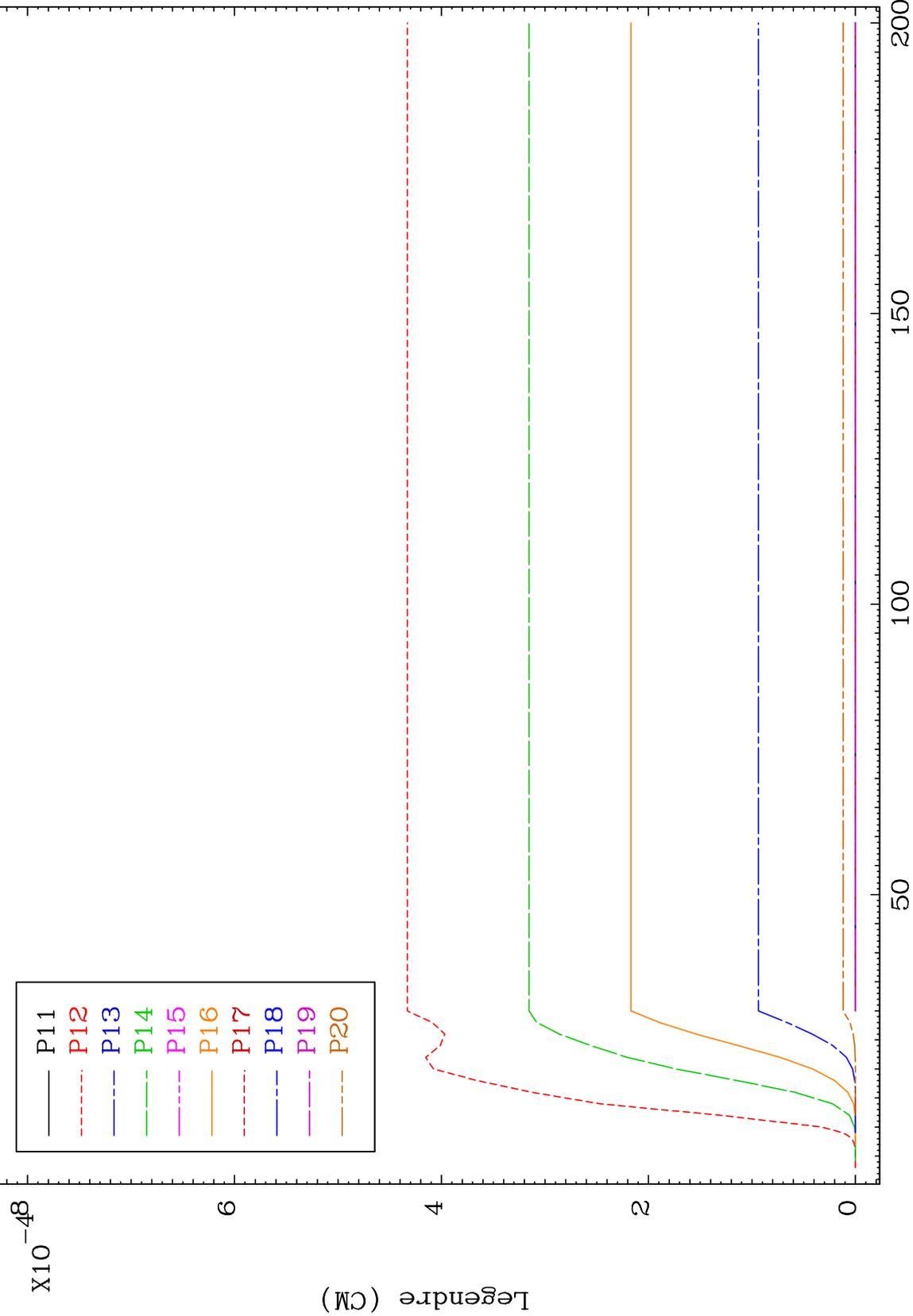




MAT 6258

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

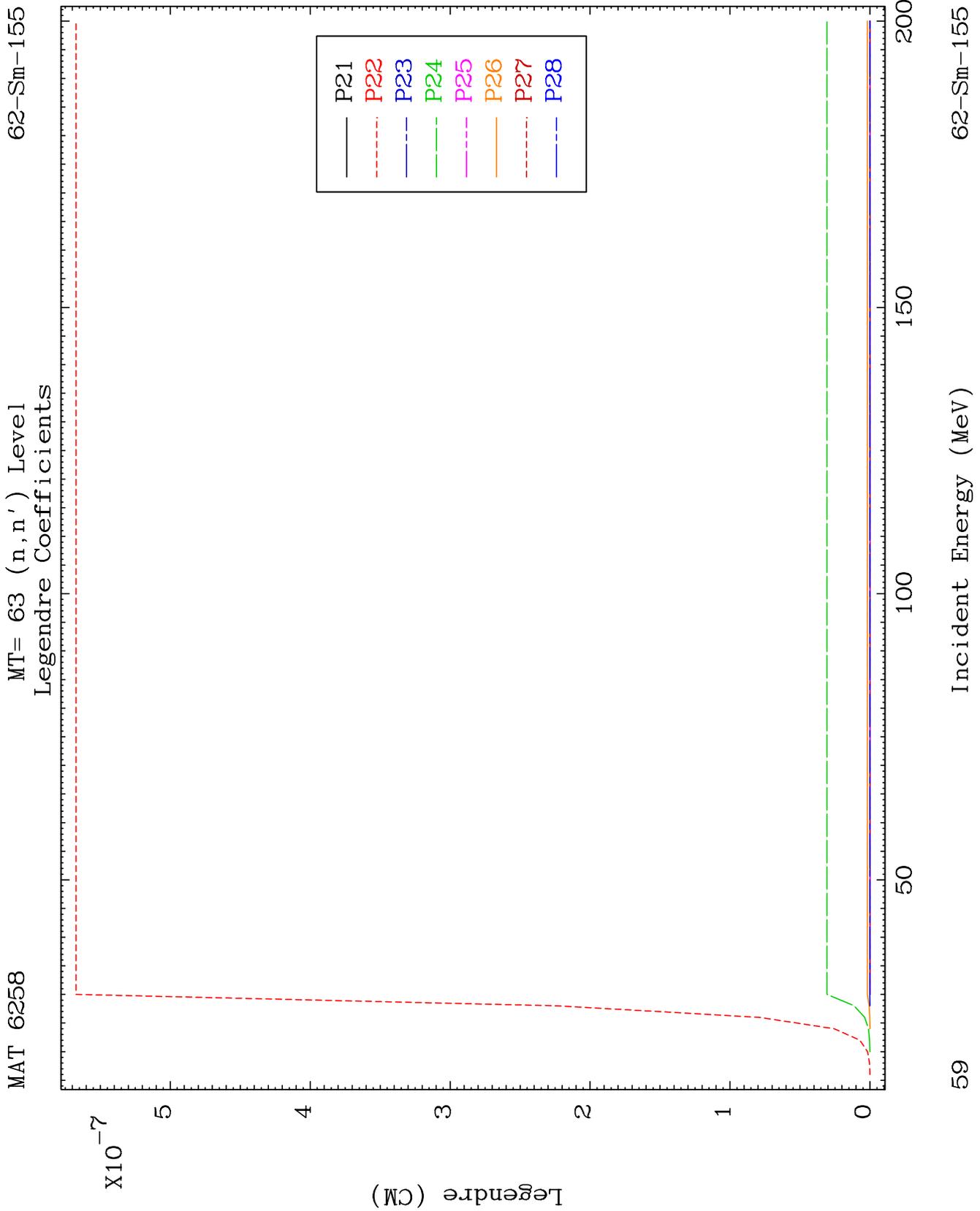
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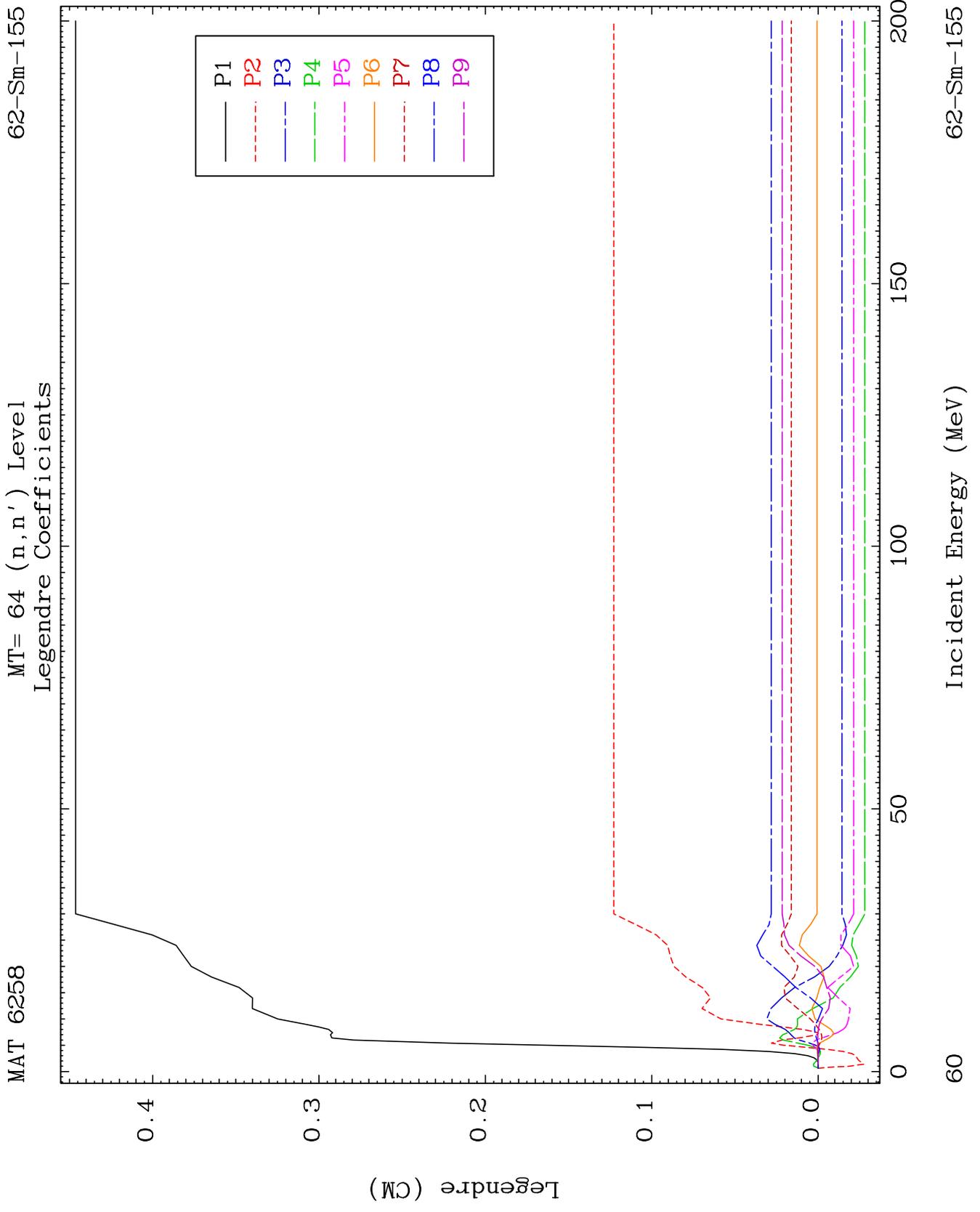


58

Incident Energy (MeV)

62-Sm-155

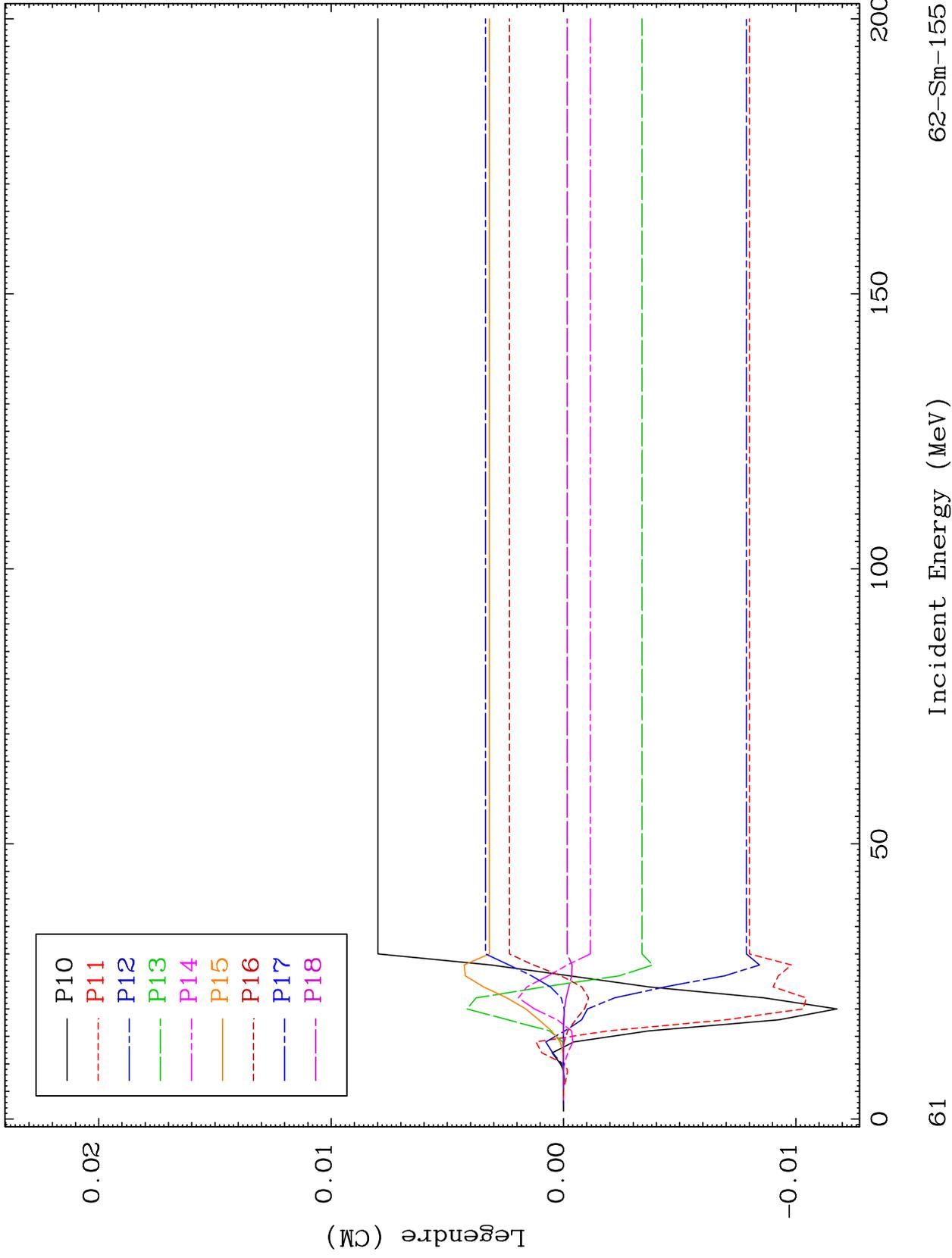




MAT 6258

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

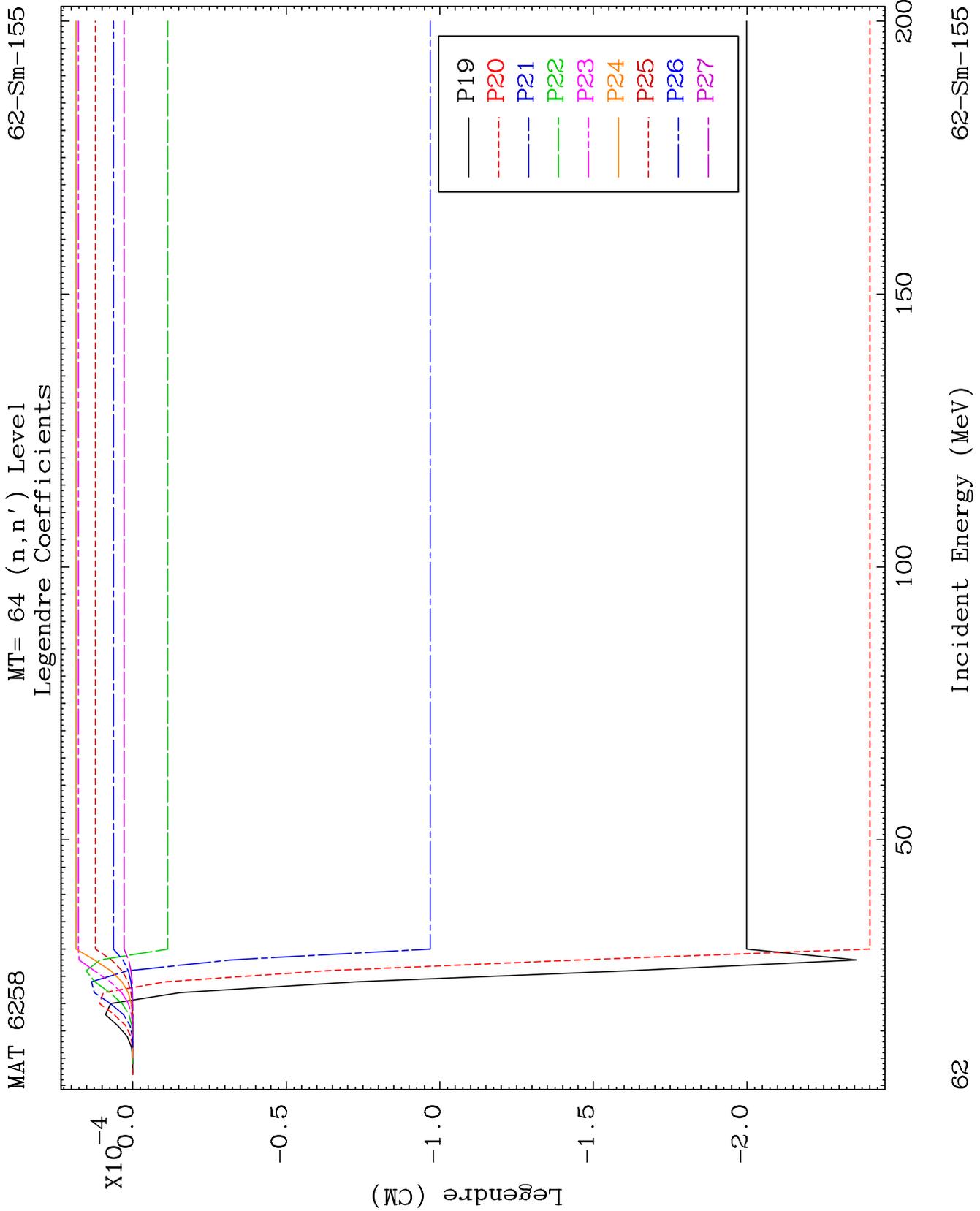
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61

Incident Energy (MeV)

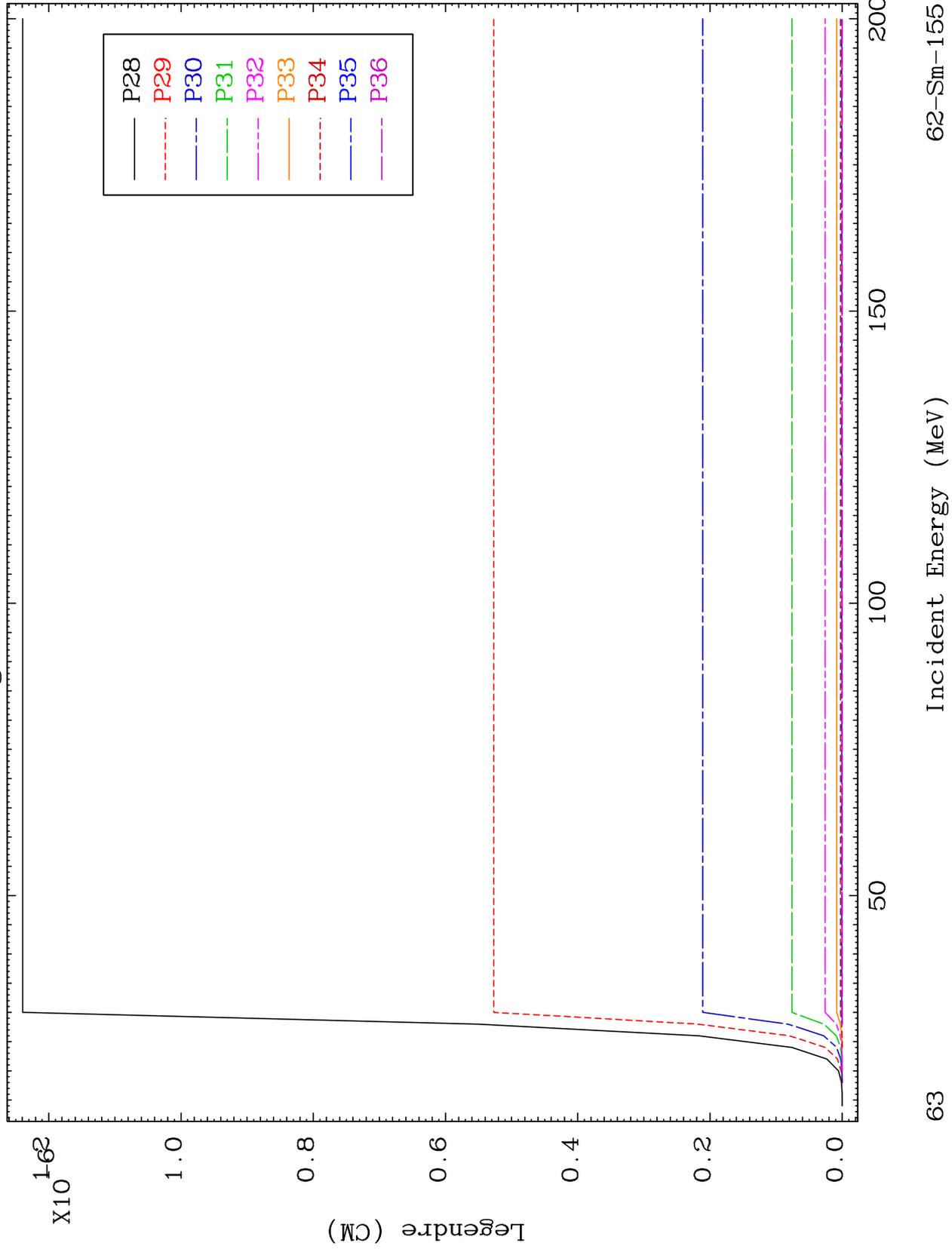
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MAT 6258

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

62-Sm-155

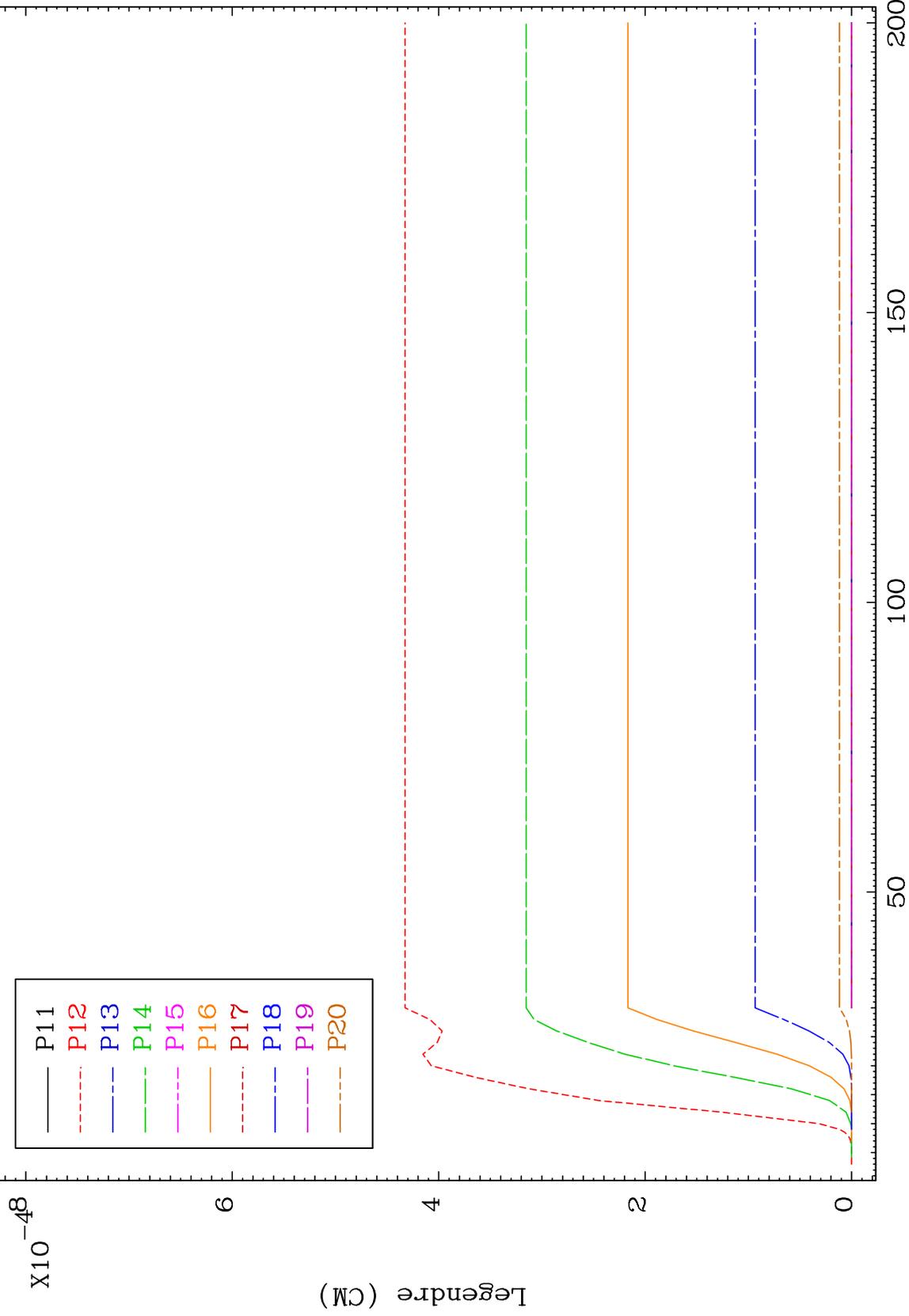




MAT 6258

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

62-Sm-155



65

Incident Energy (MeV)

62-Sm-155

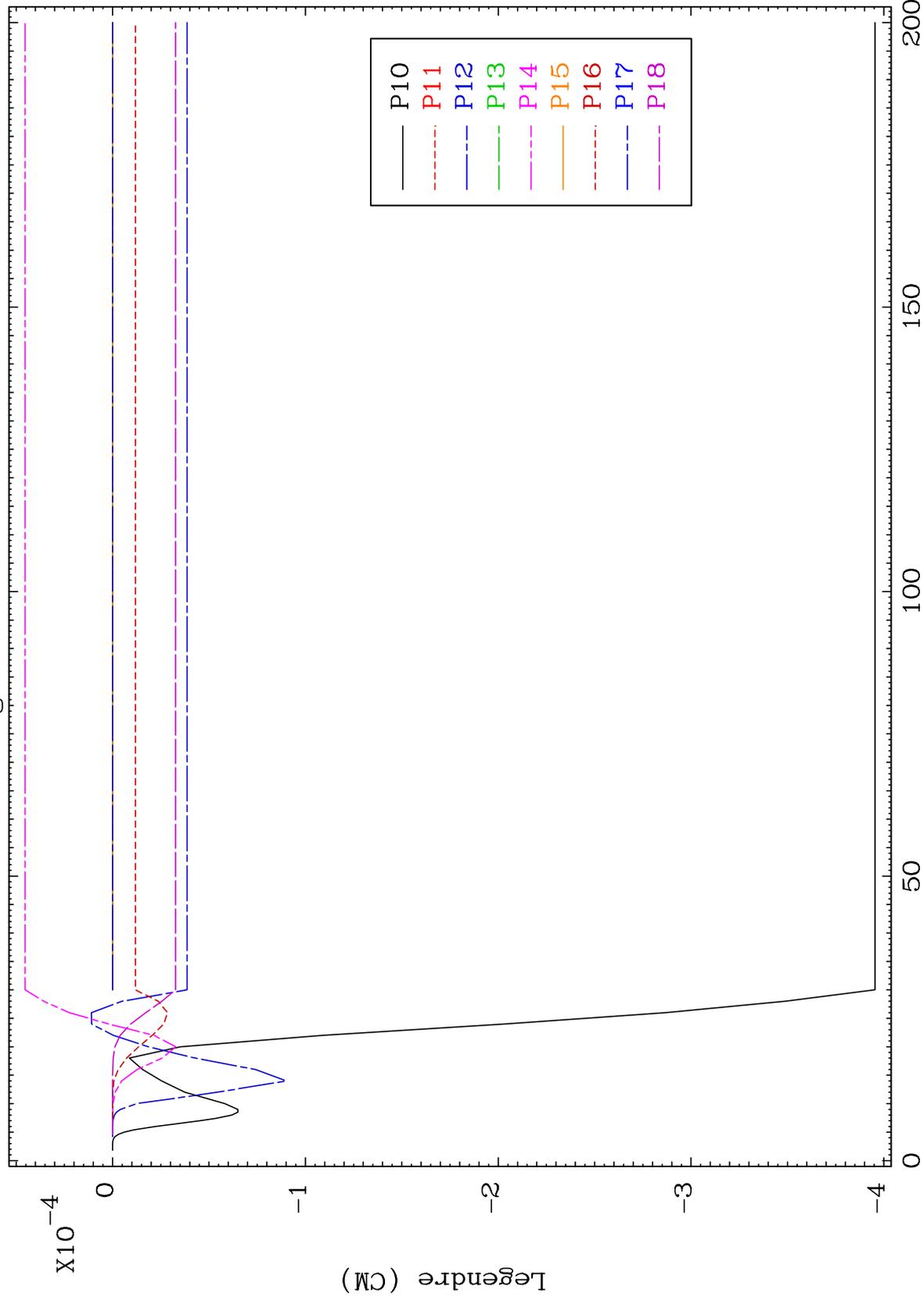




MAT 6258

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

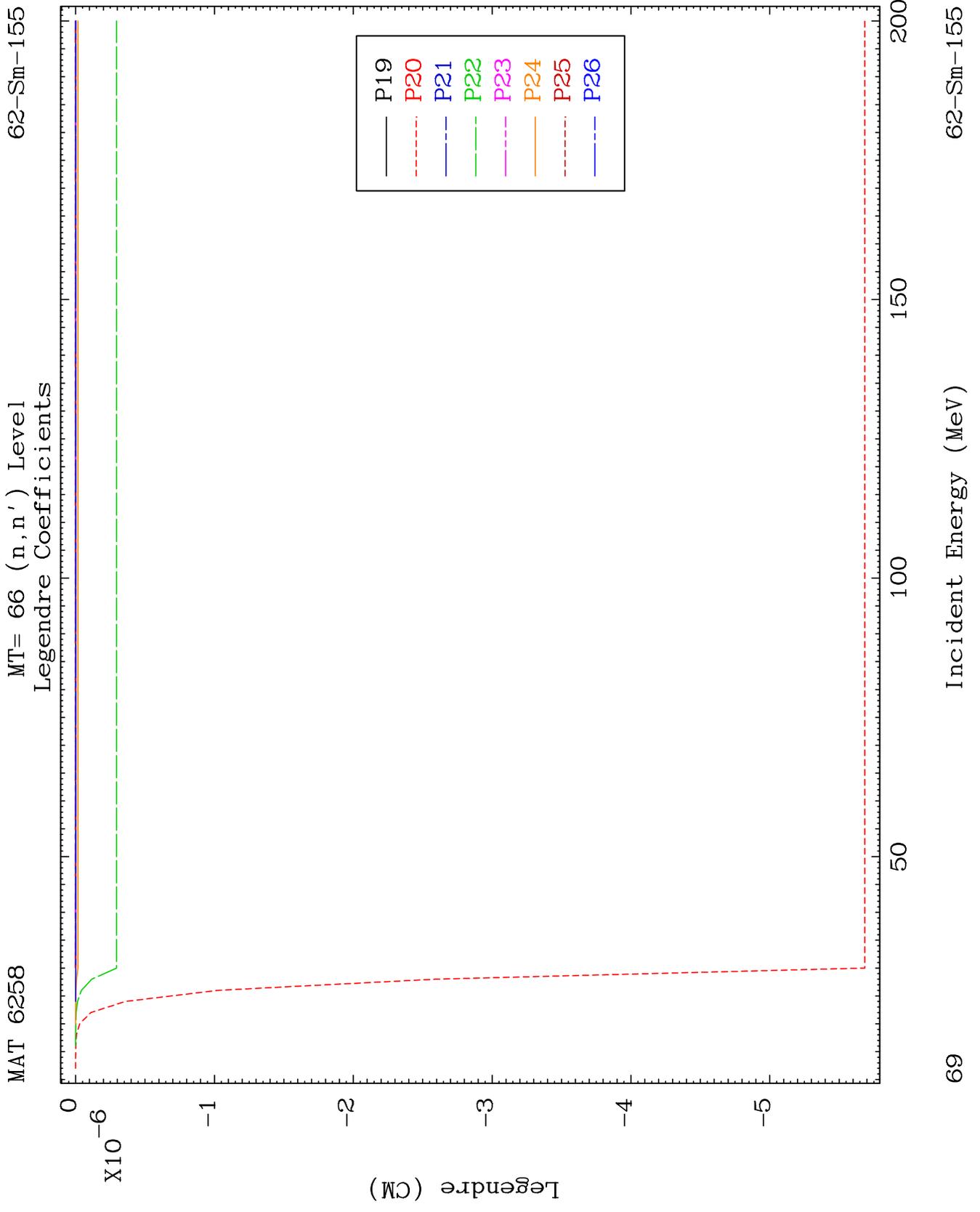
62-Sm-155



68

Incident Energy (MeV)

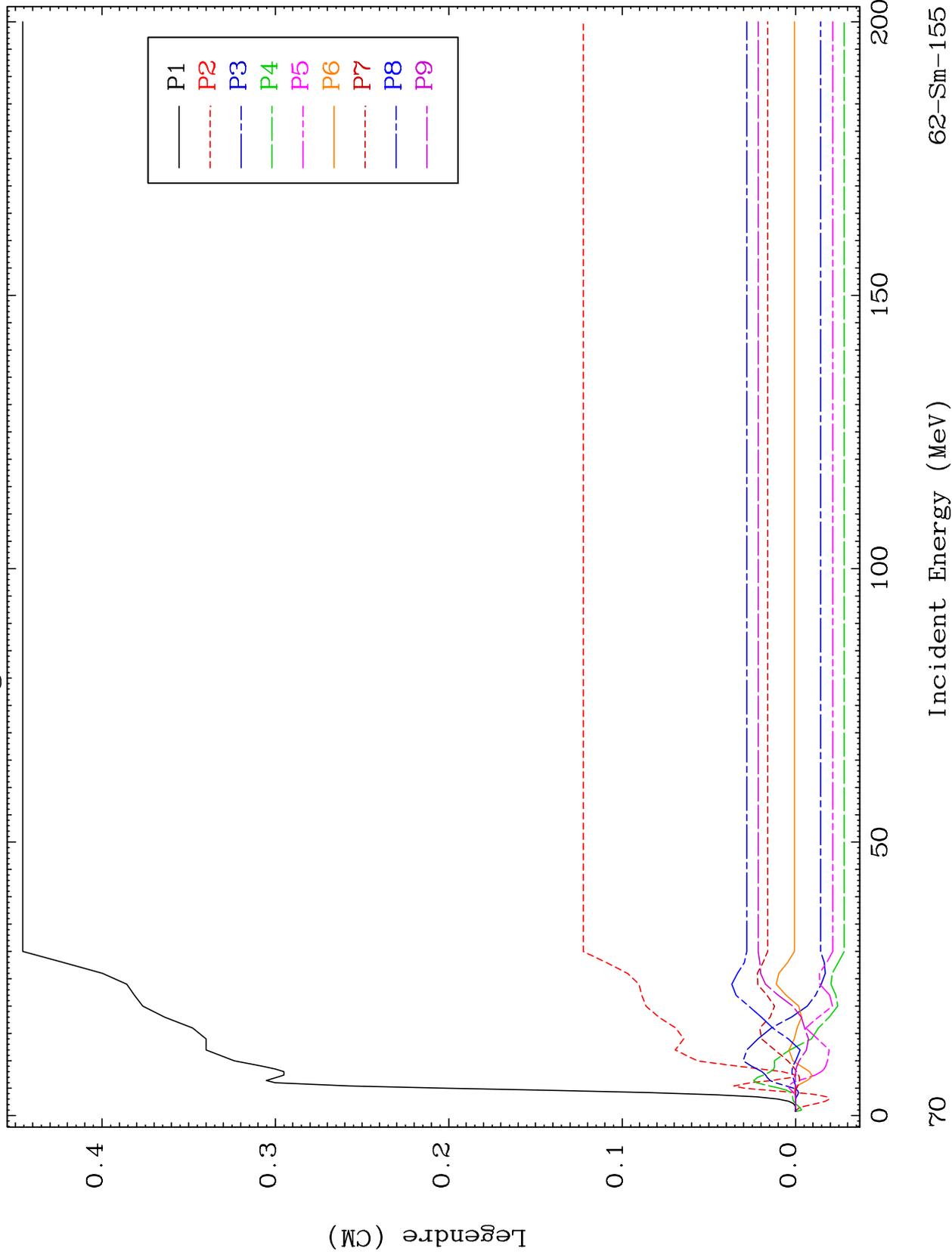
62-Sm-155



MAT 6258

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

62-Sm-155



62-Sm-155

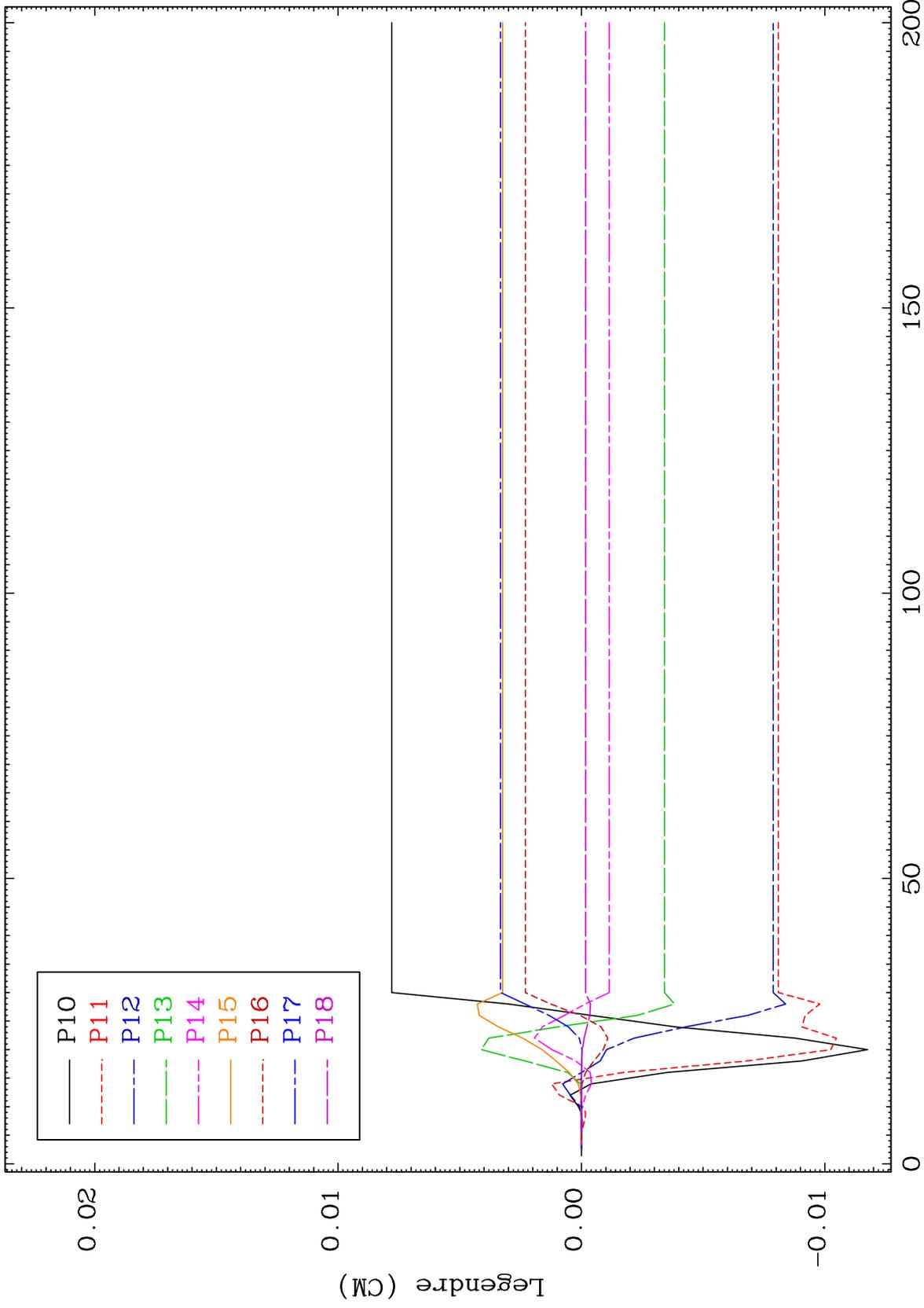
Incident Energy (MeV)

70

MAT 6258

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

62-Sm-155



71

Incident Energy (MeV)

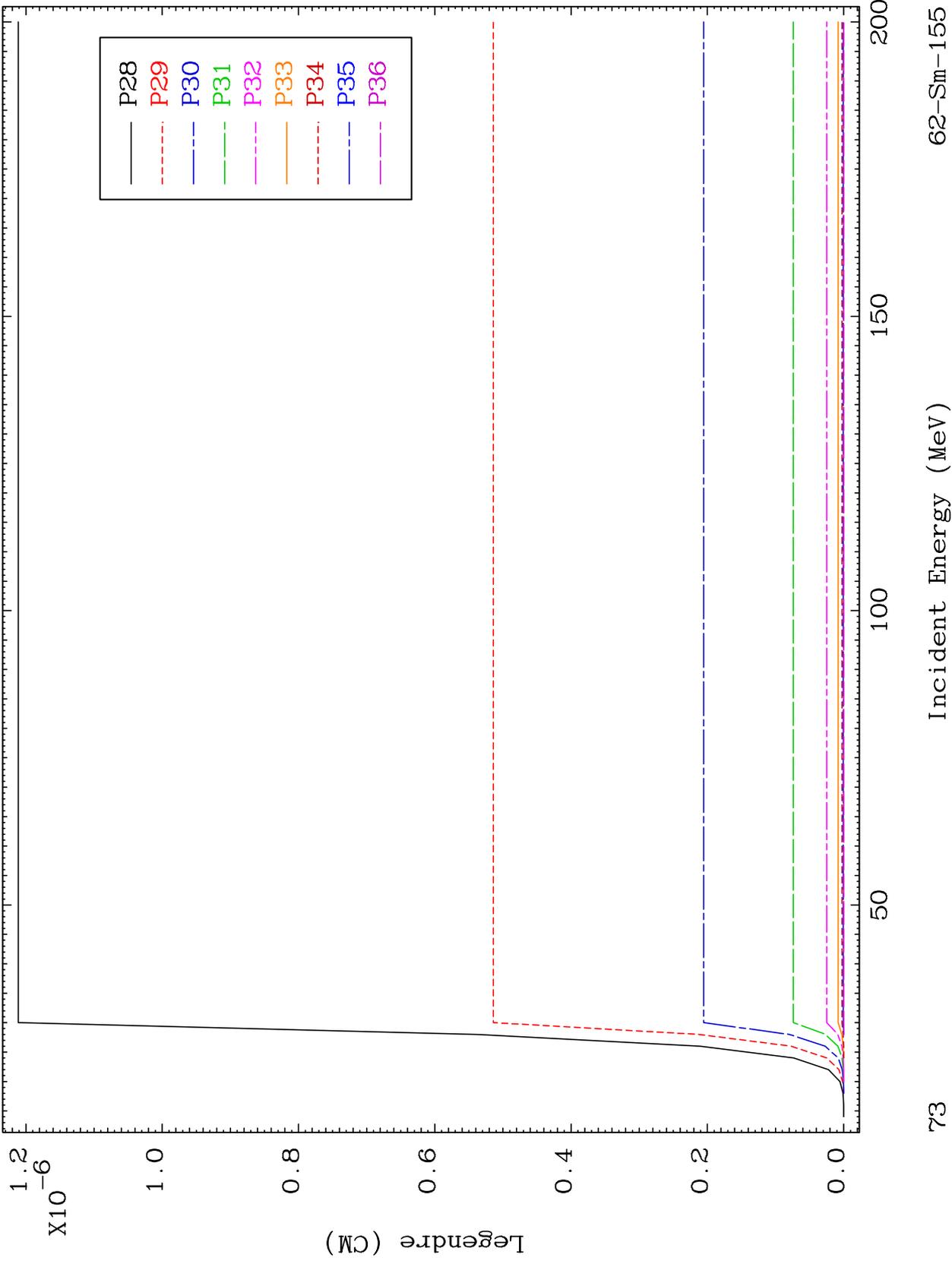
62-Sm-155



MAT 6258

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

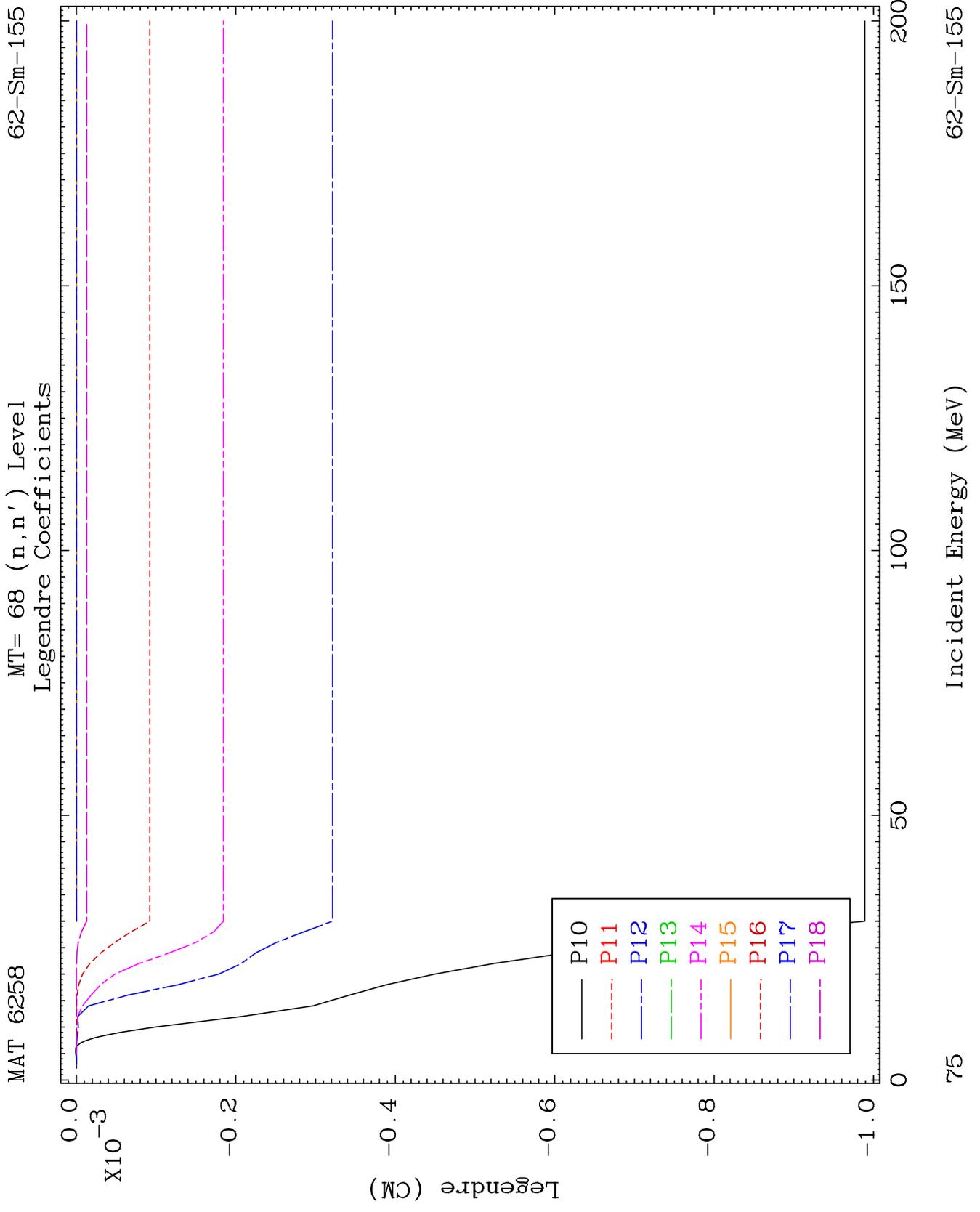
62-Sm-155

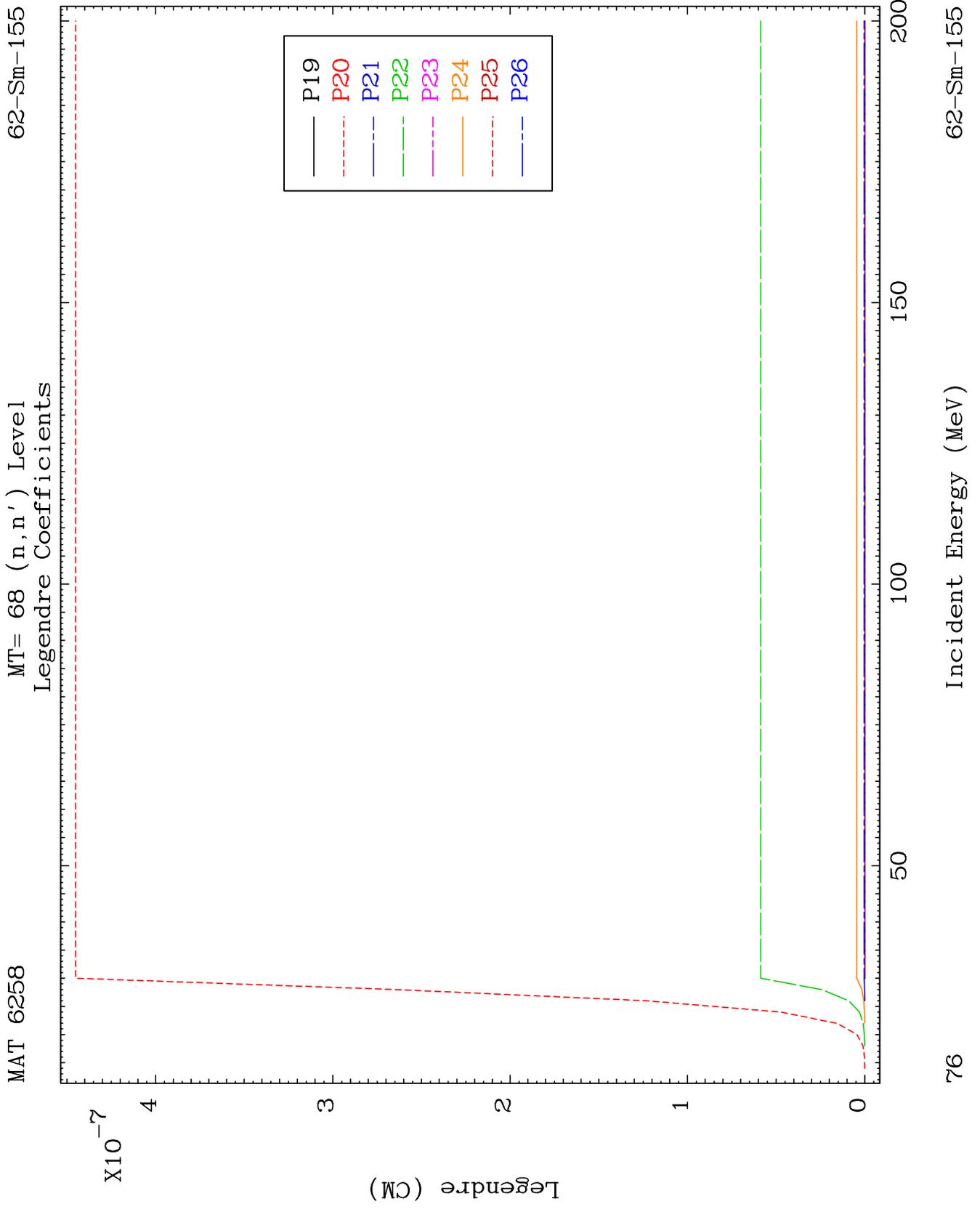


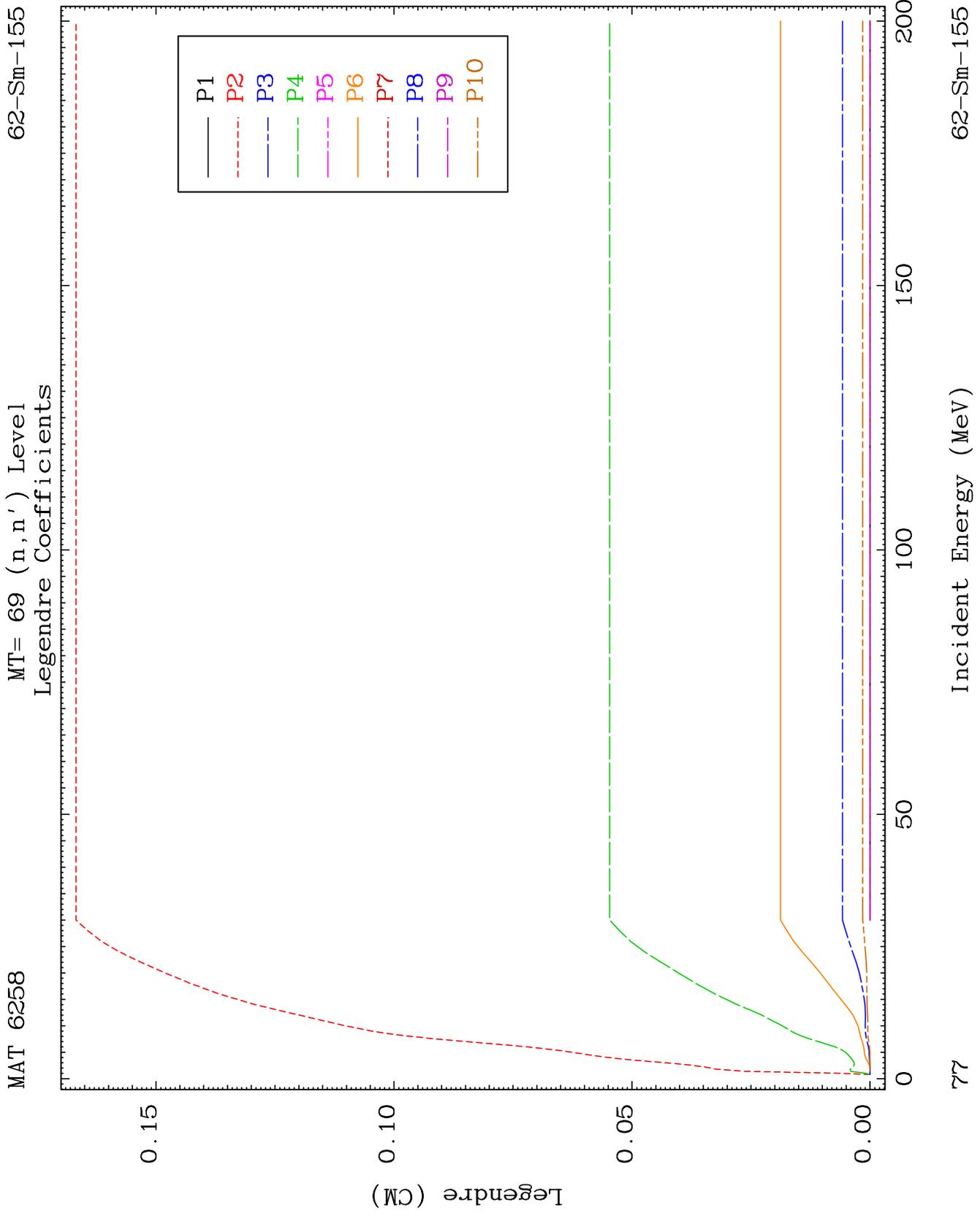
73

62-Sm-155





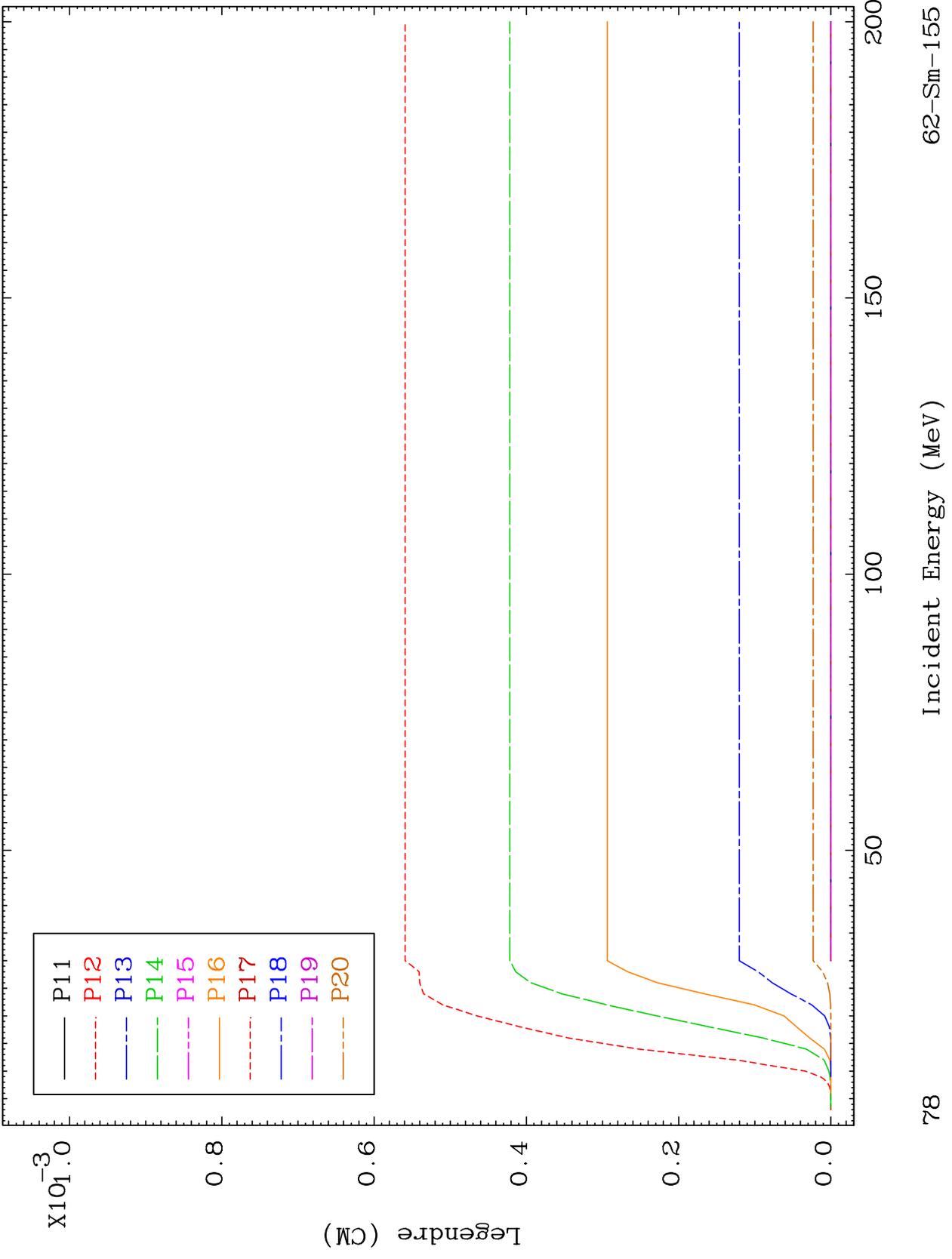




MAT 6258

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

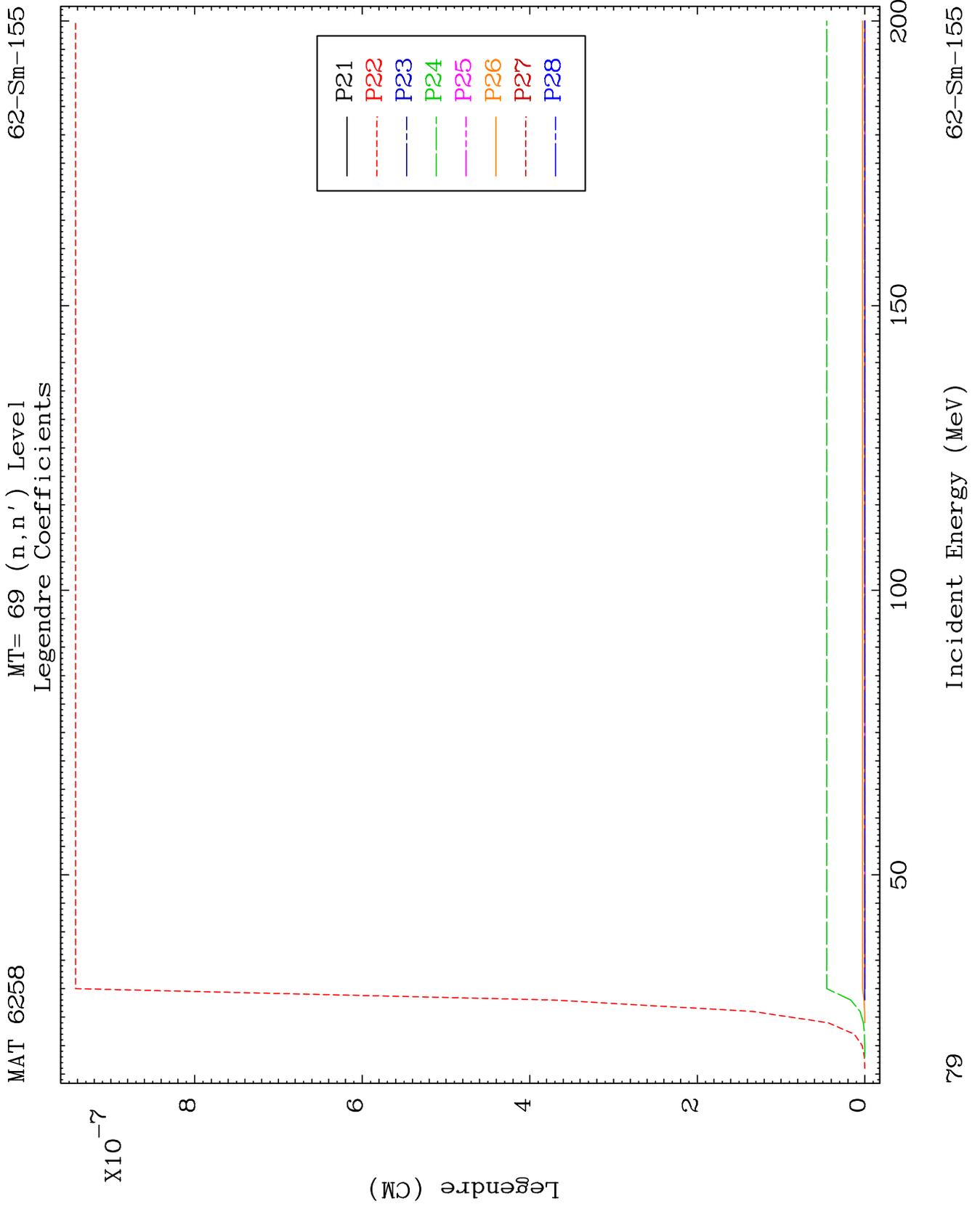
62-Sm-155

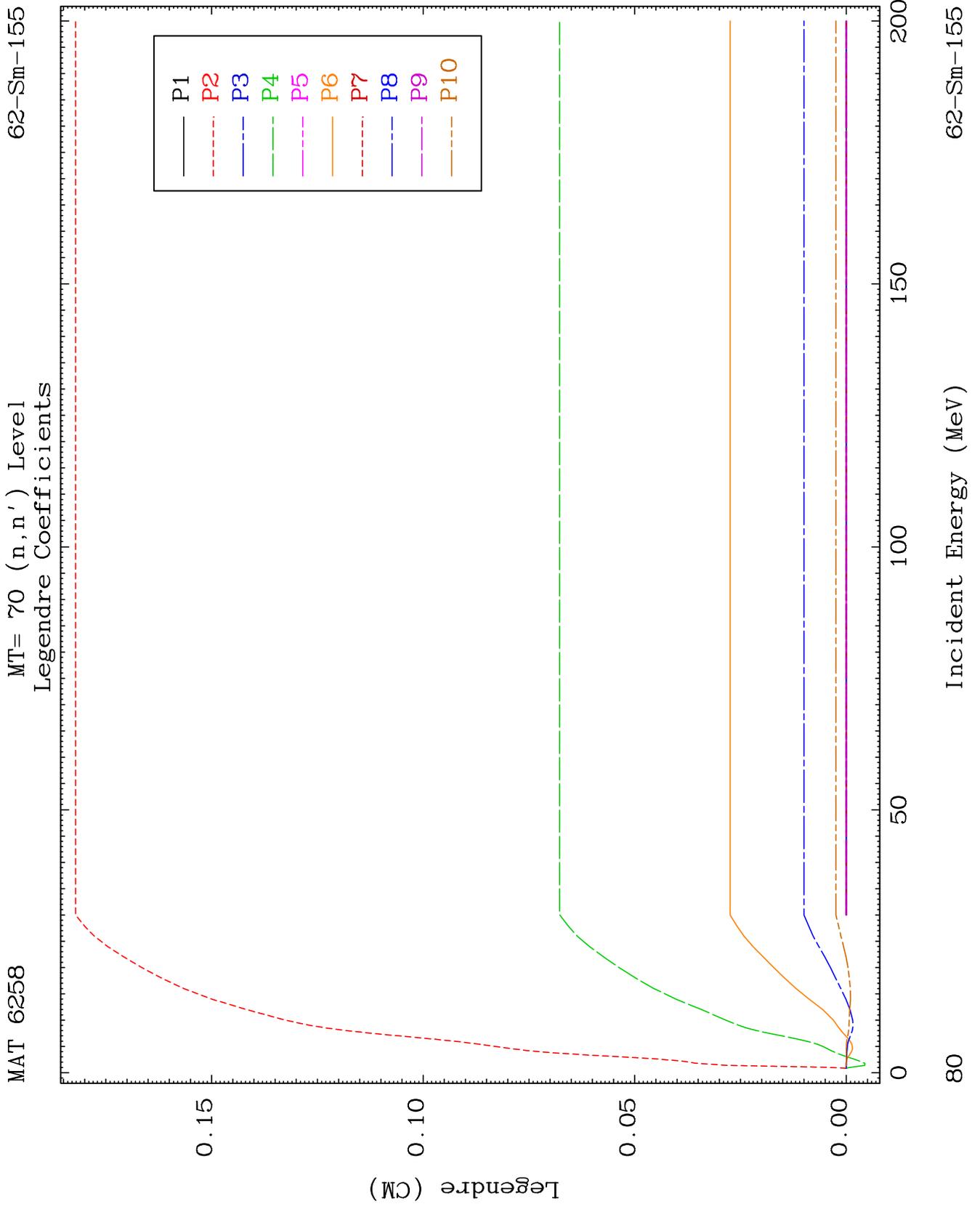


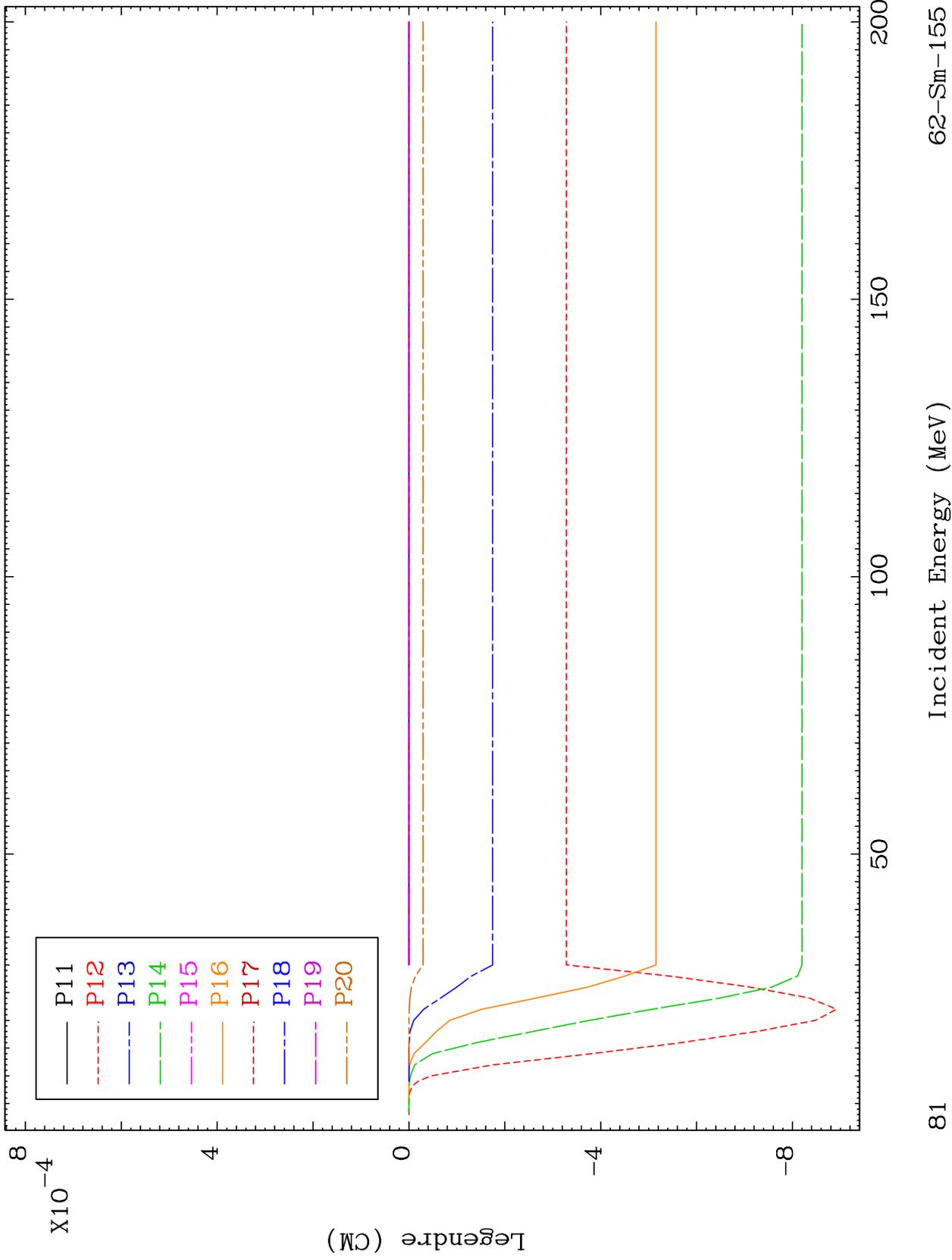
78

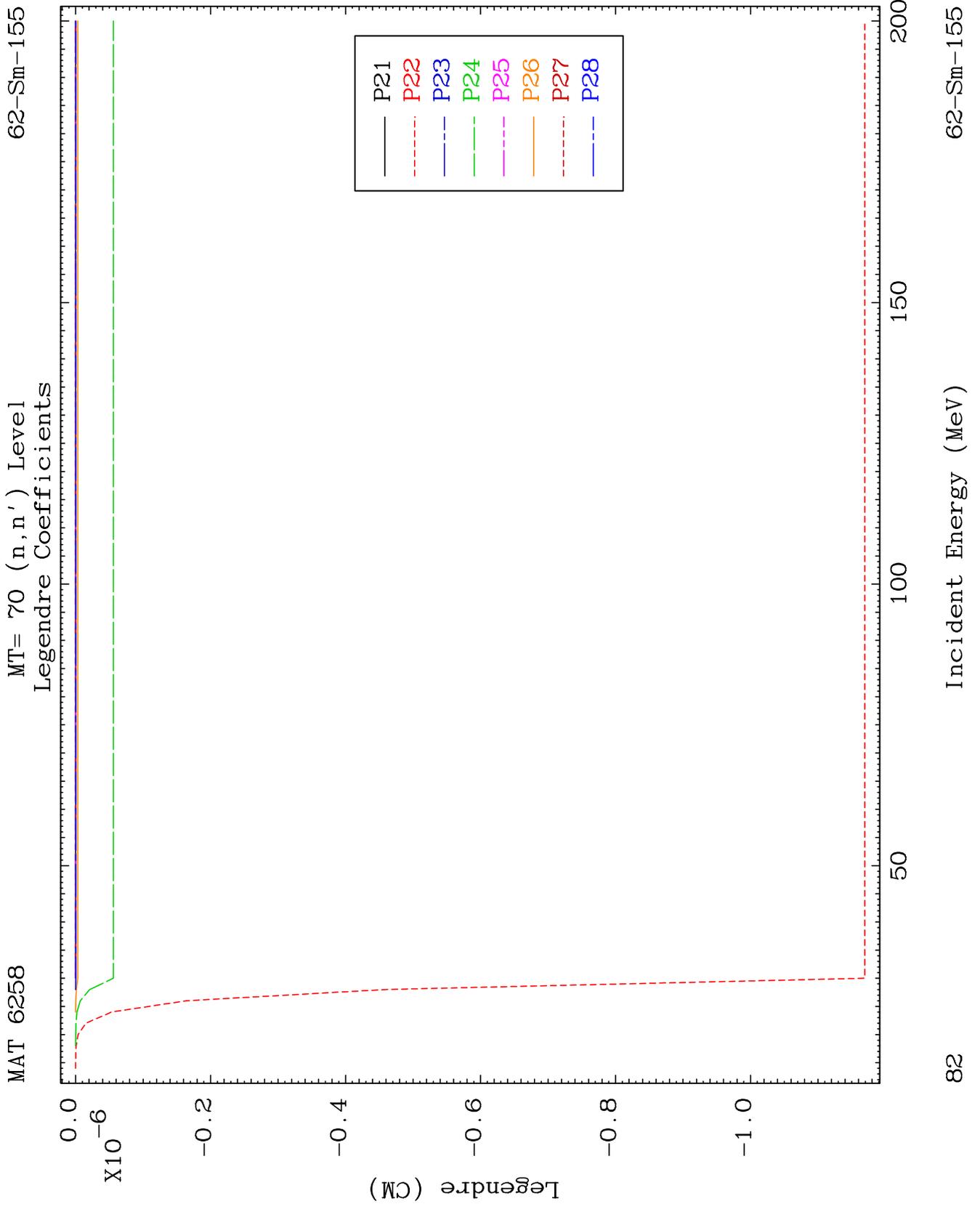
Incident Energy (MeV)

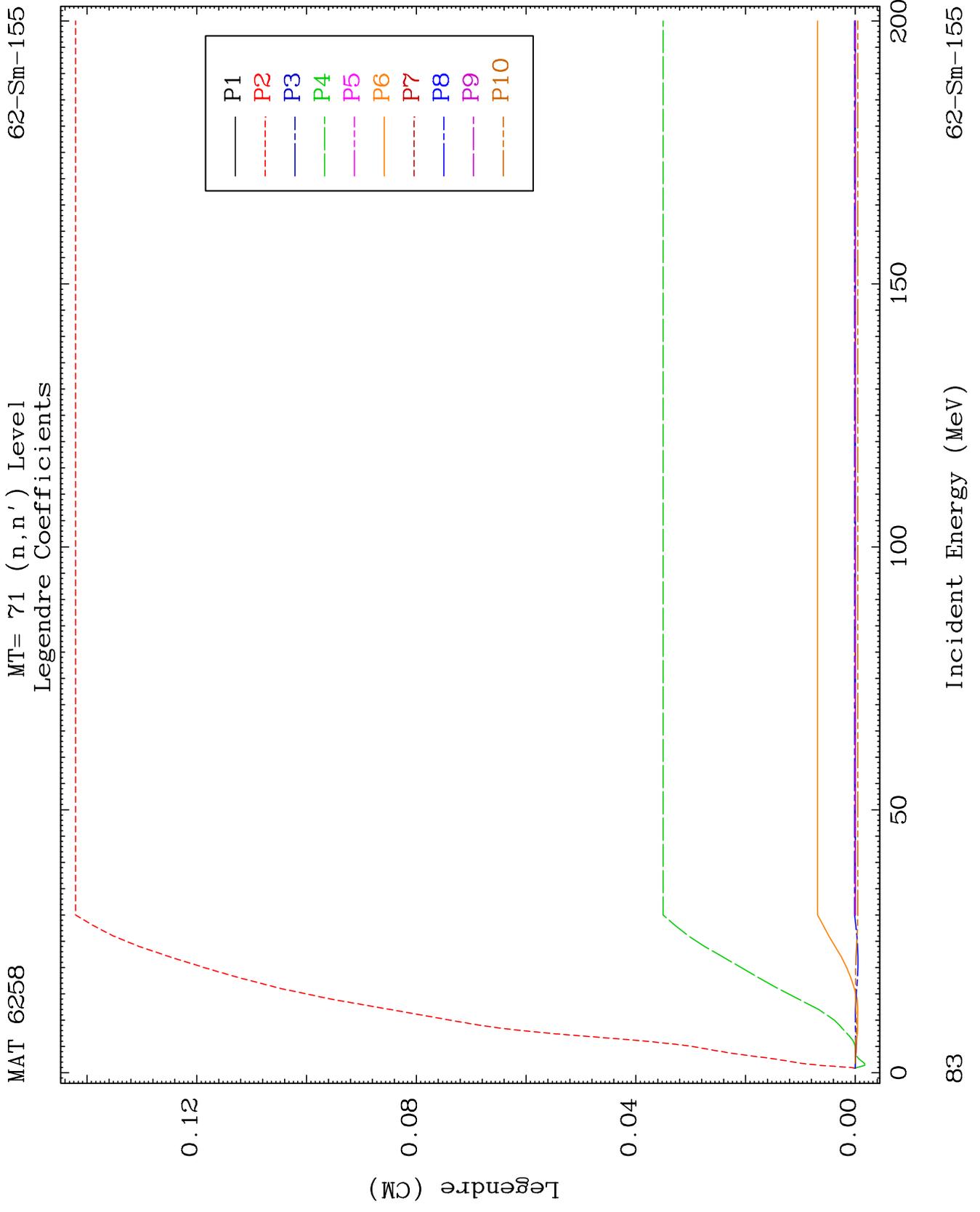
62-Sm-155

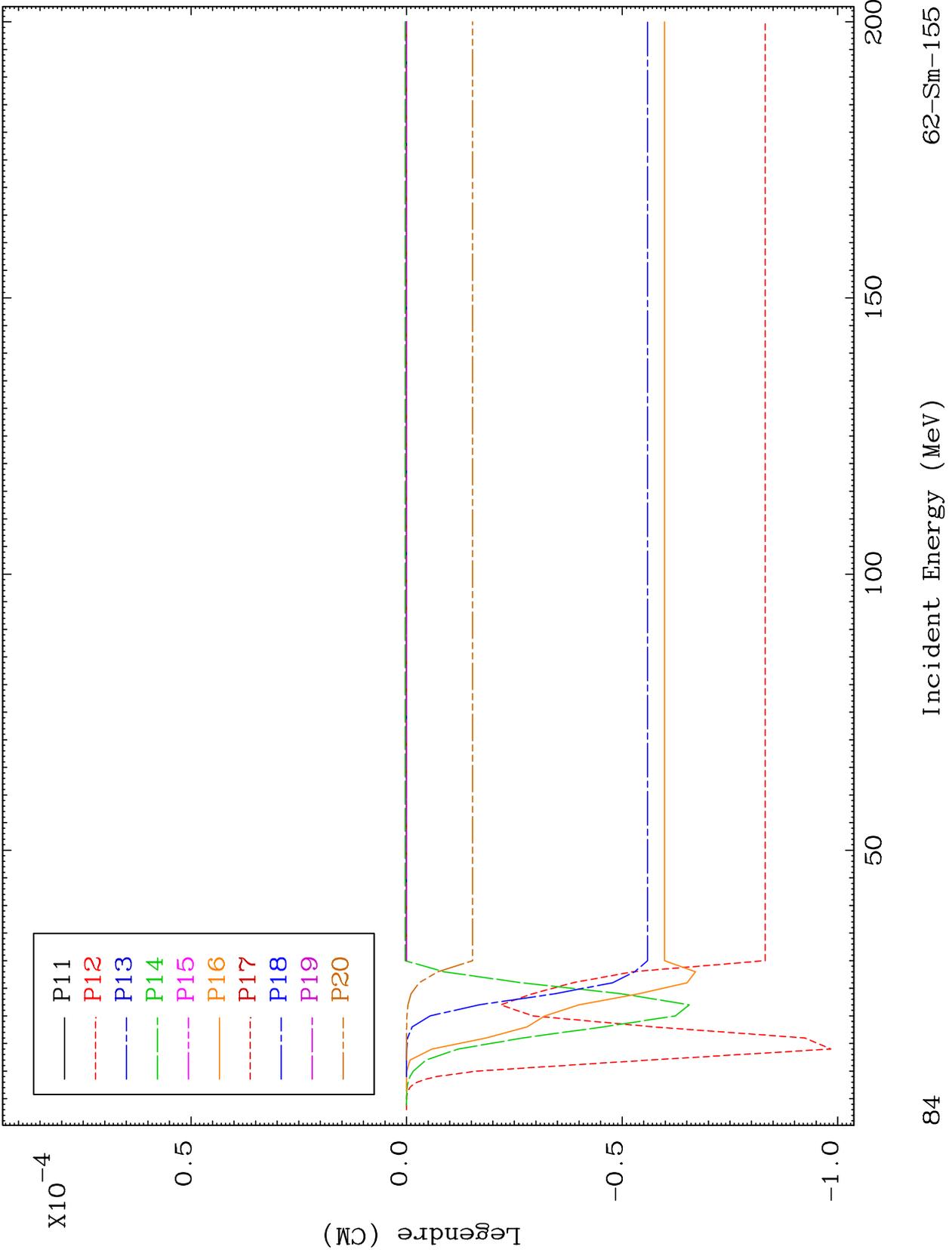


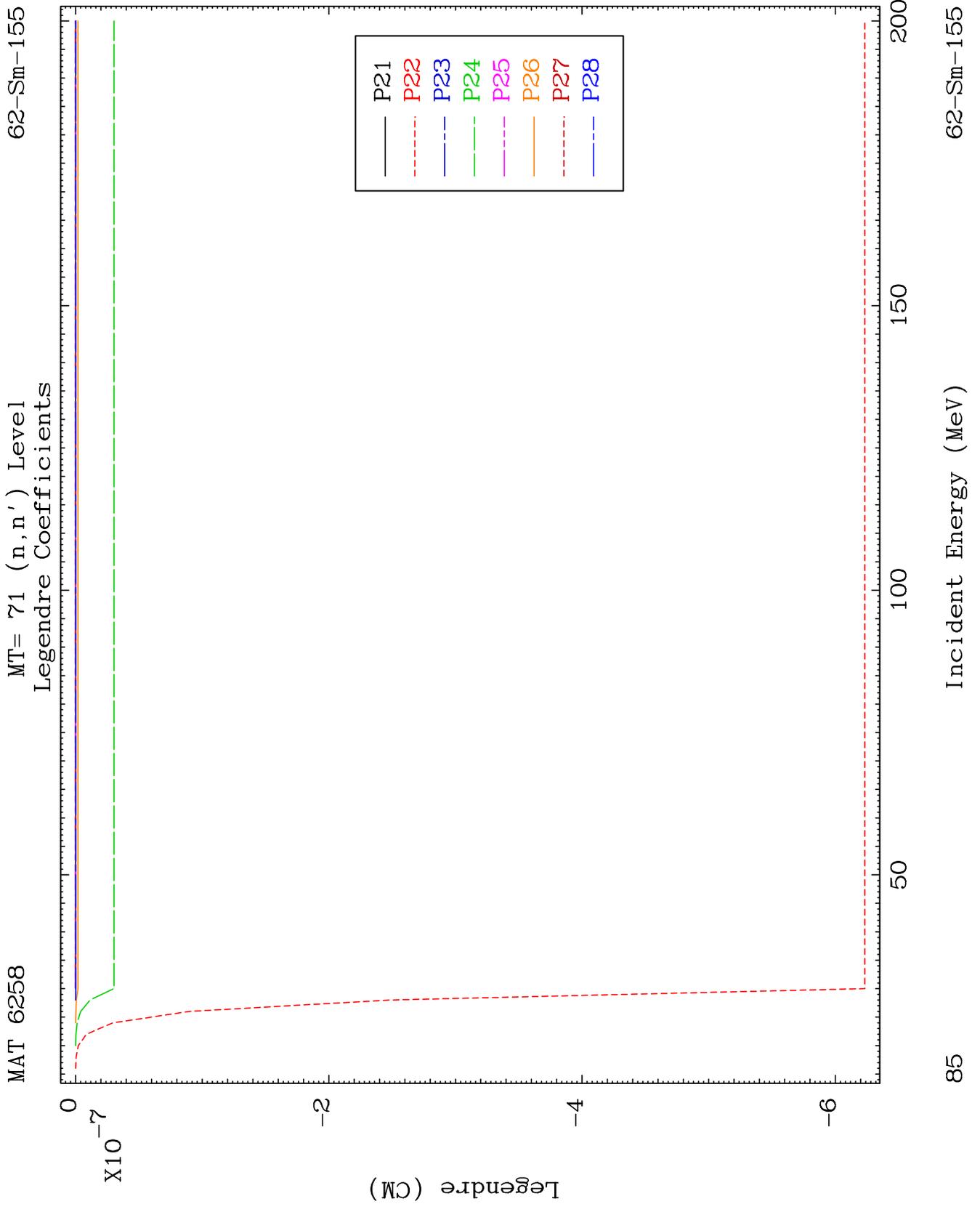


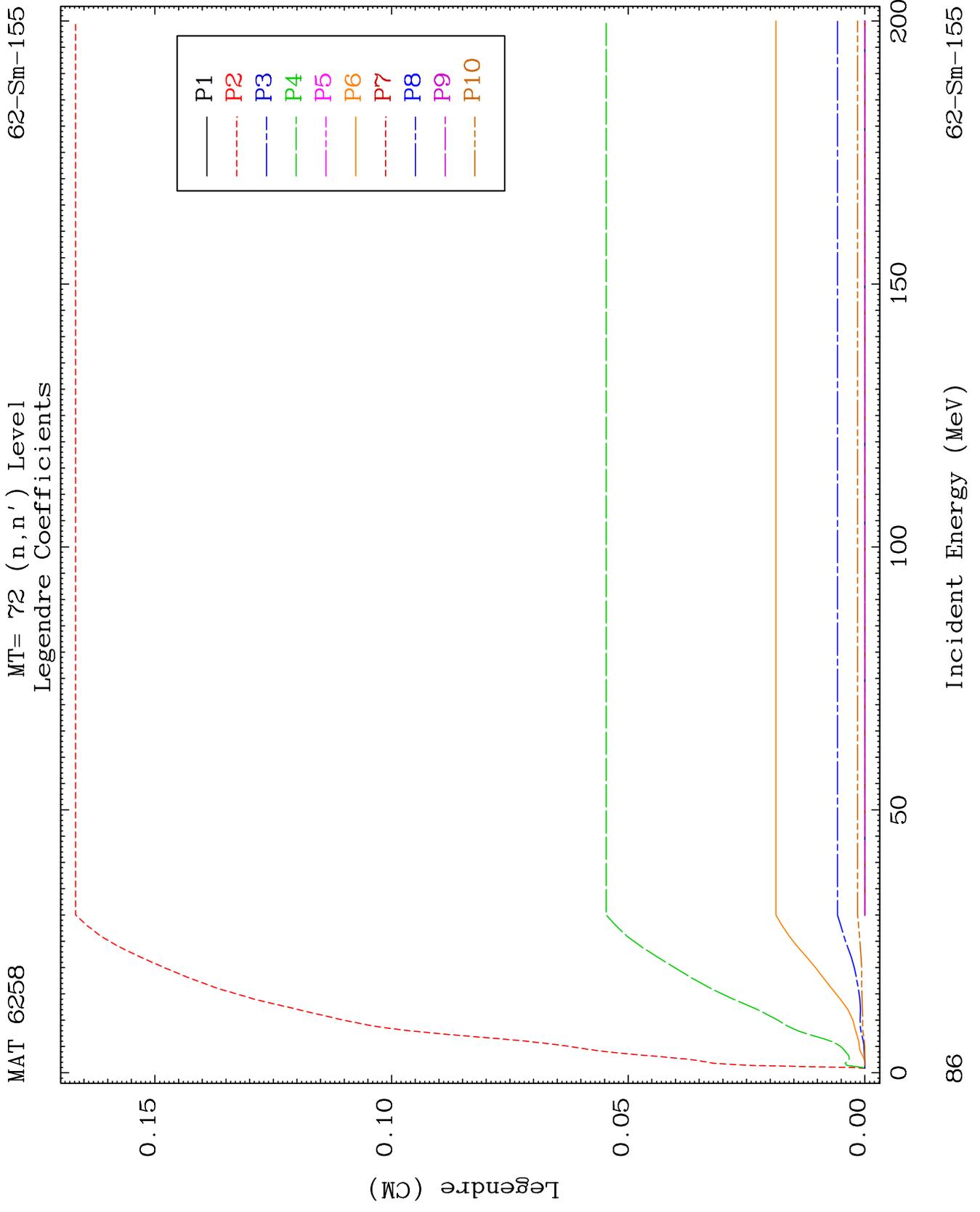


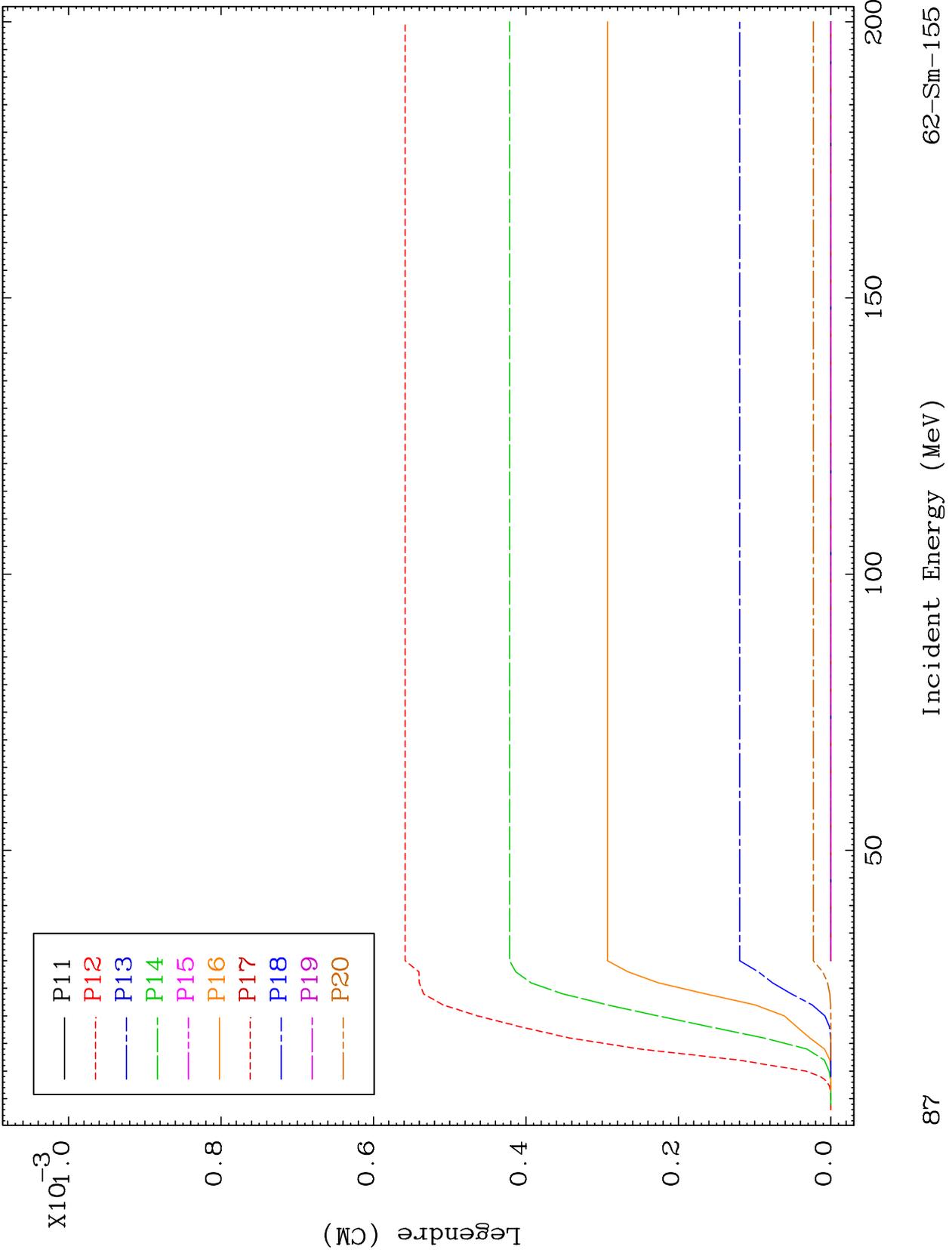


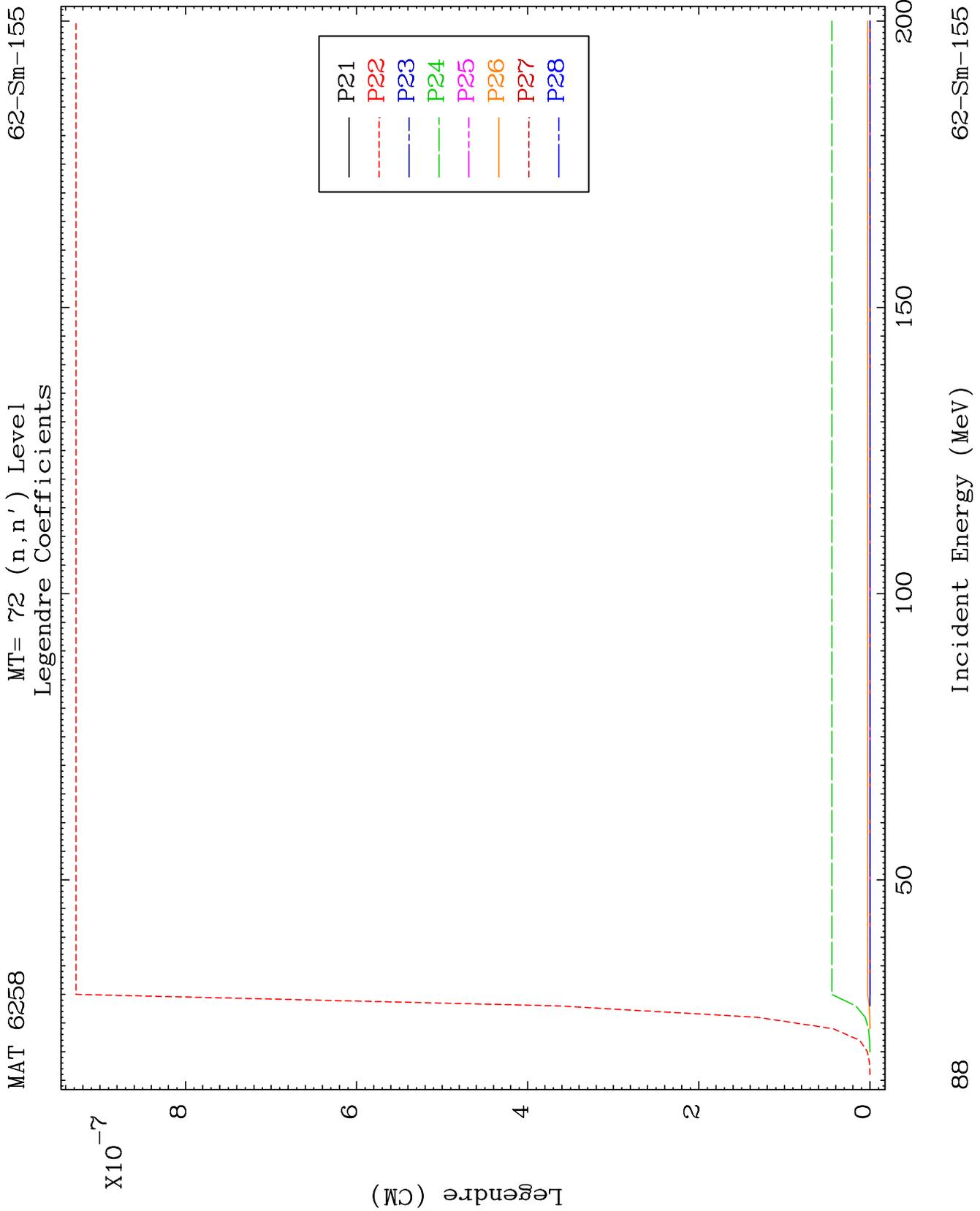










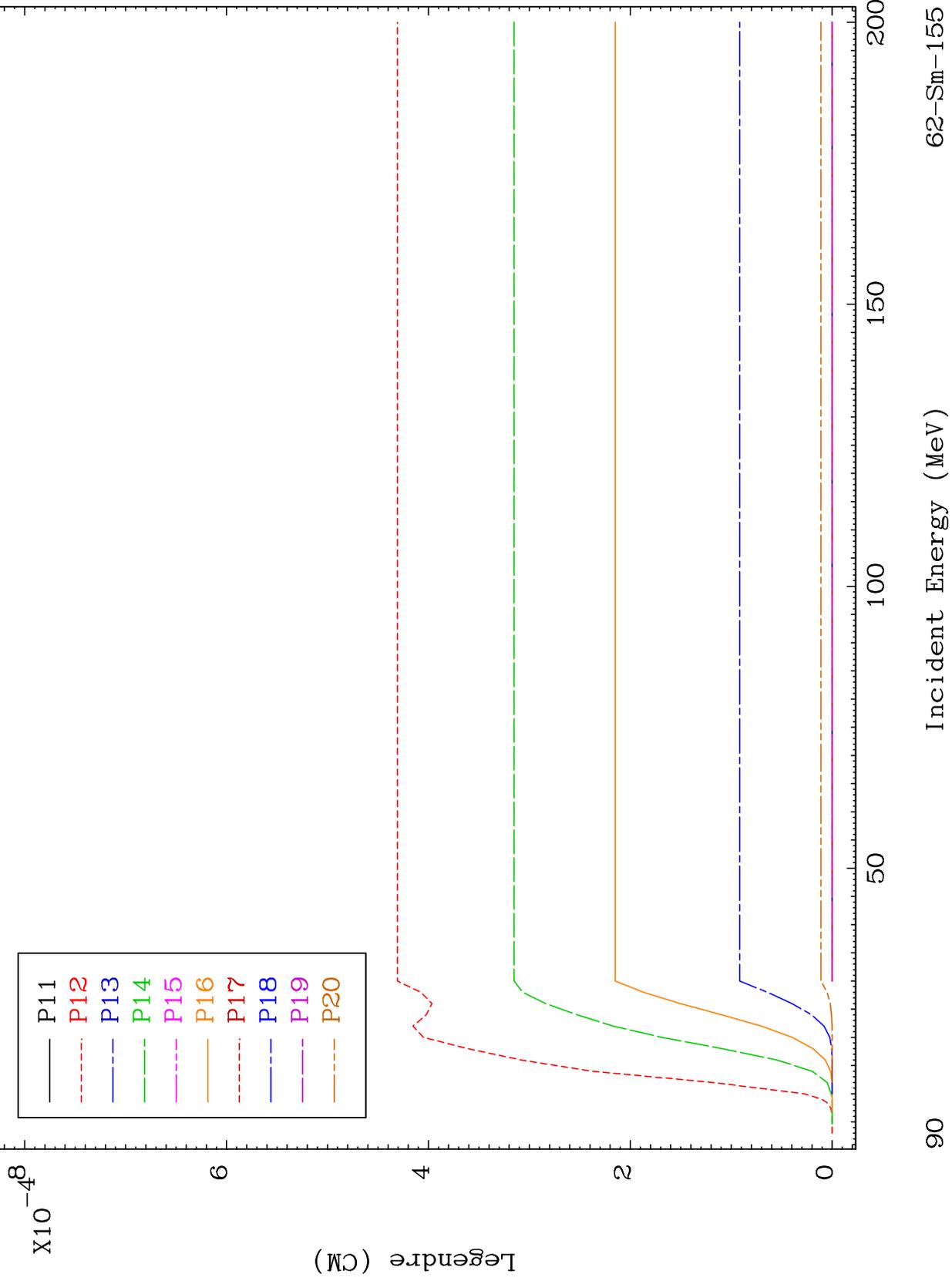




MAT 6258

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

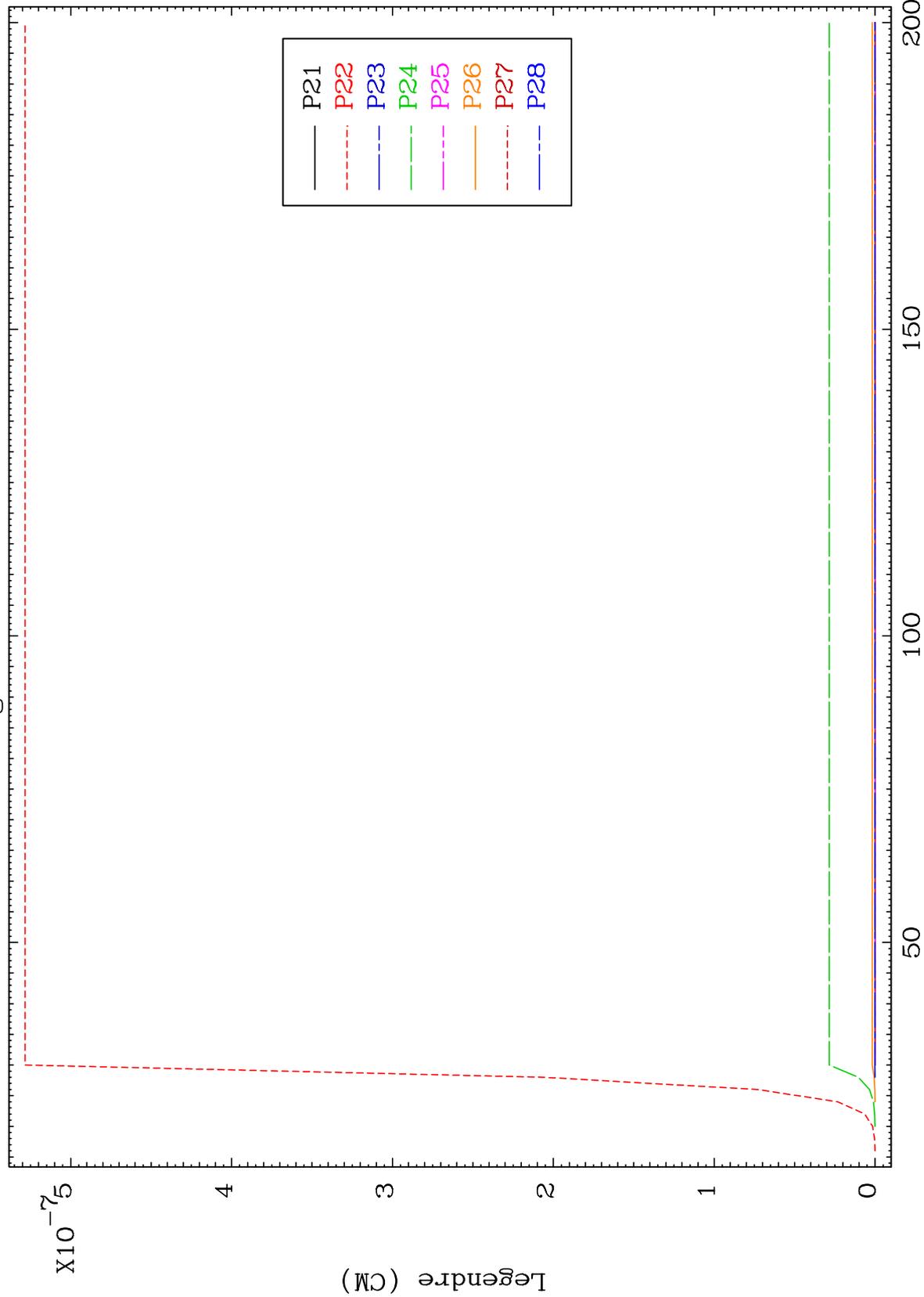
62-Sm-155



MAT 6258

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

62-Sm-155



91

Incident Energy (MeV)

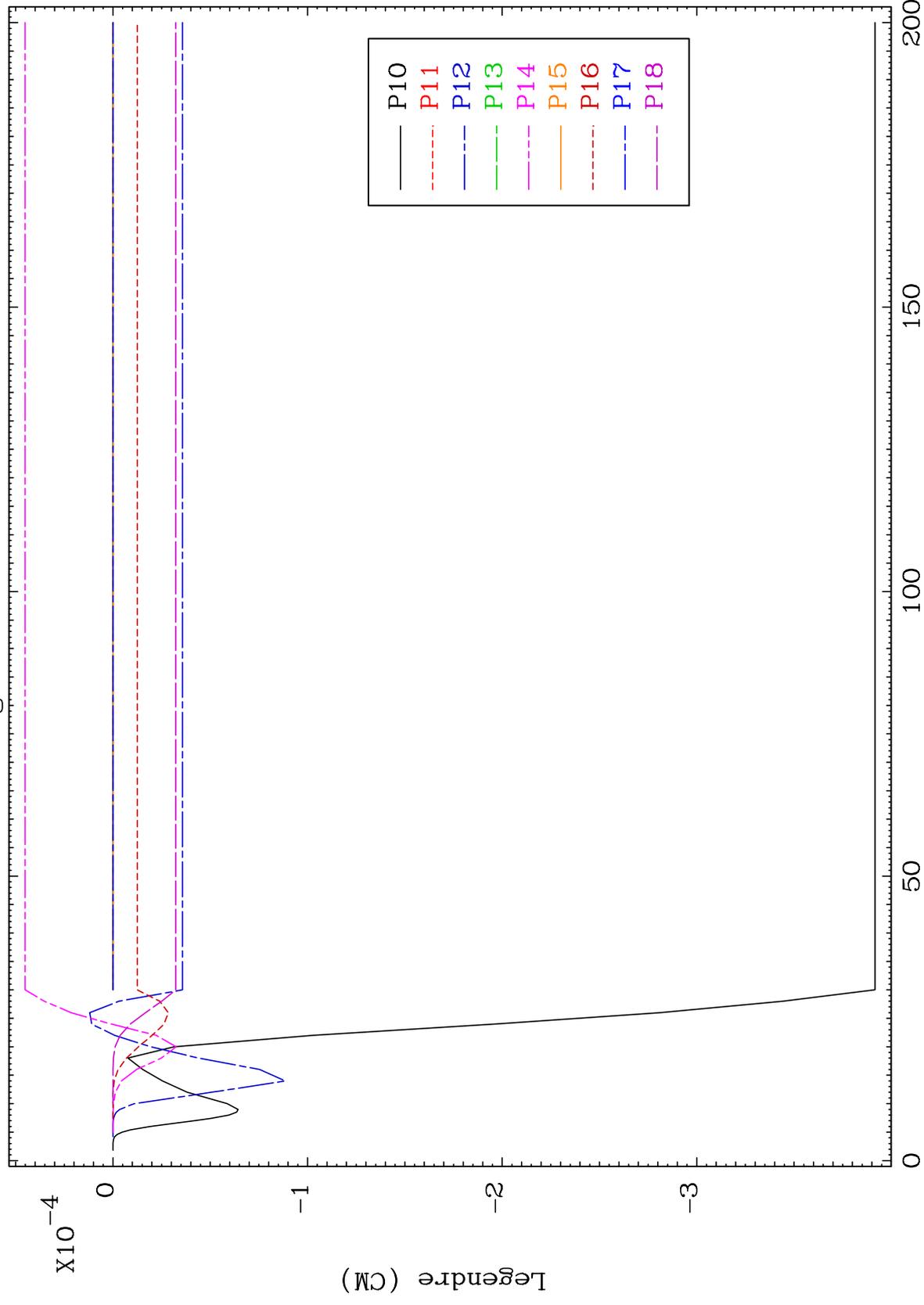
62-Sm-155



MAT 6258

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

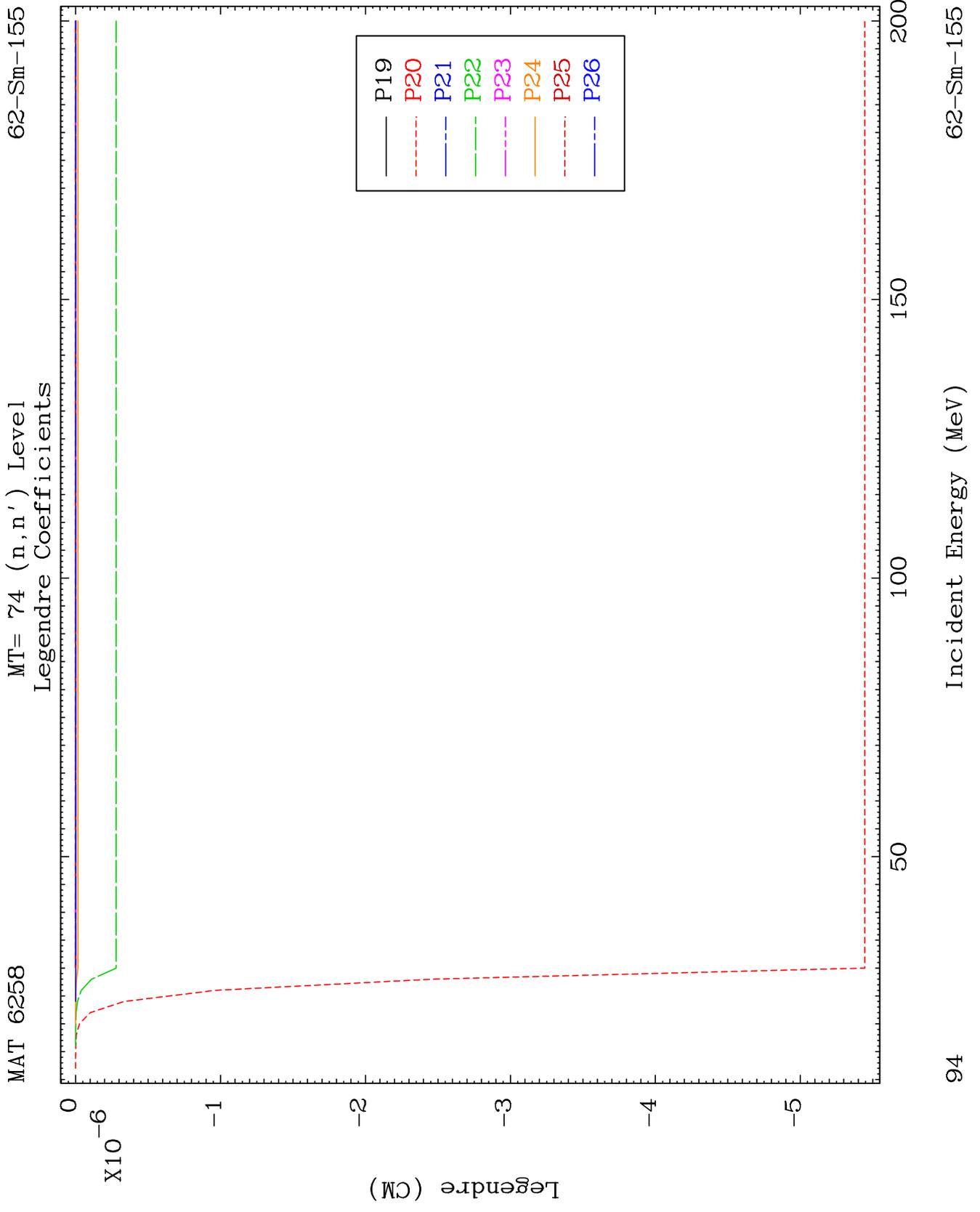
62-Sm-155

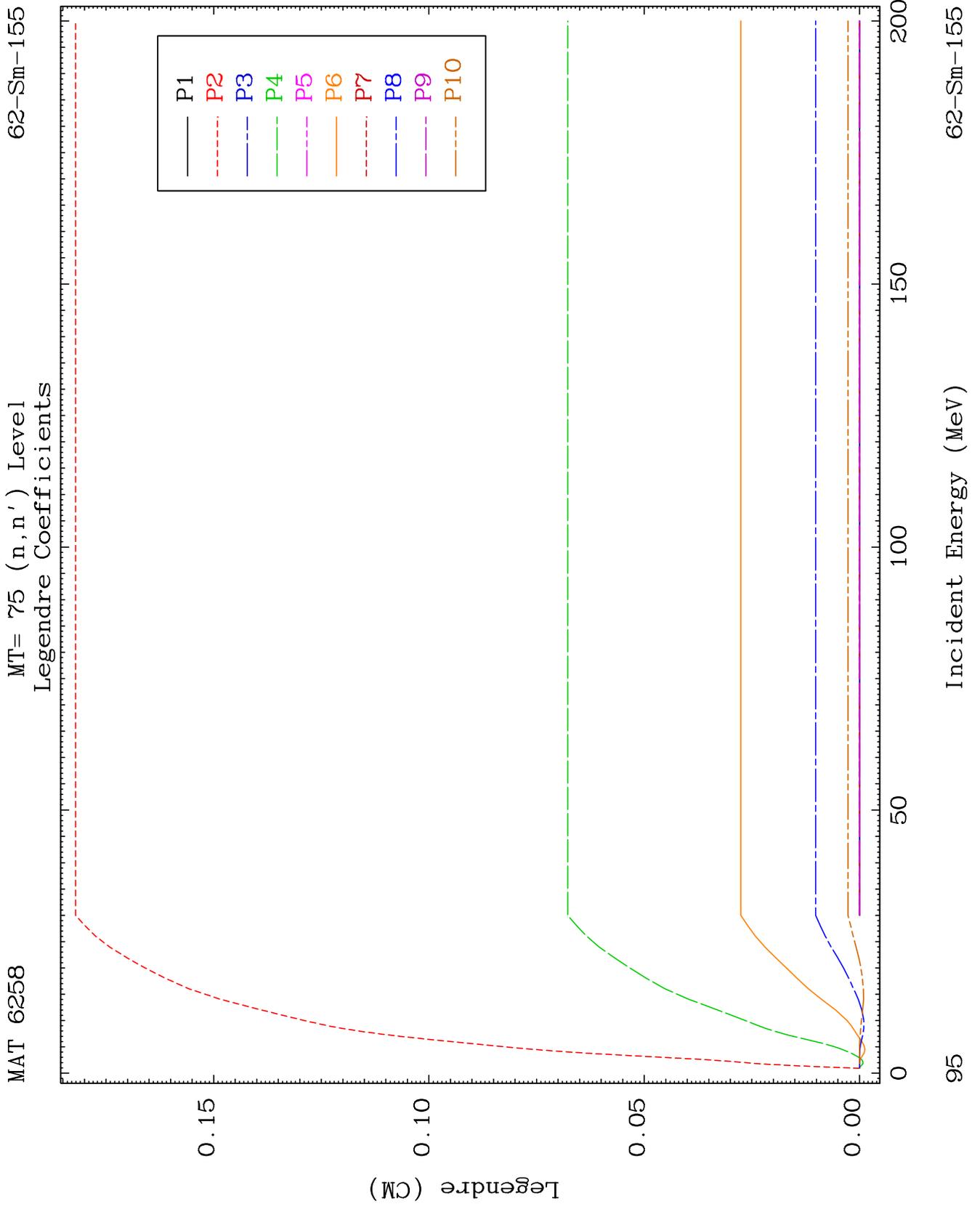


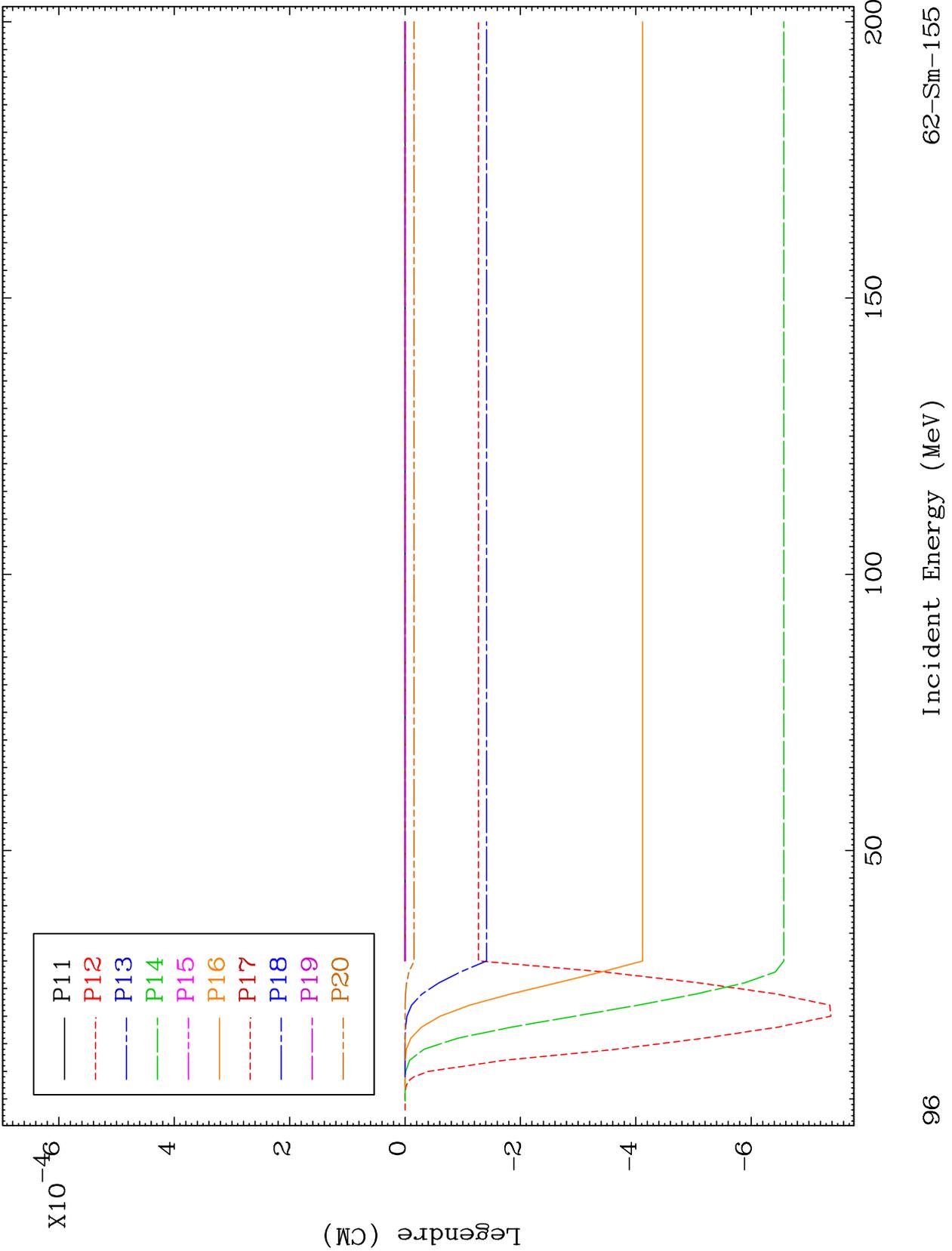
93

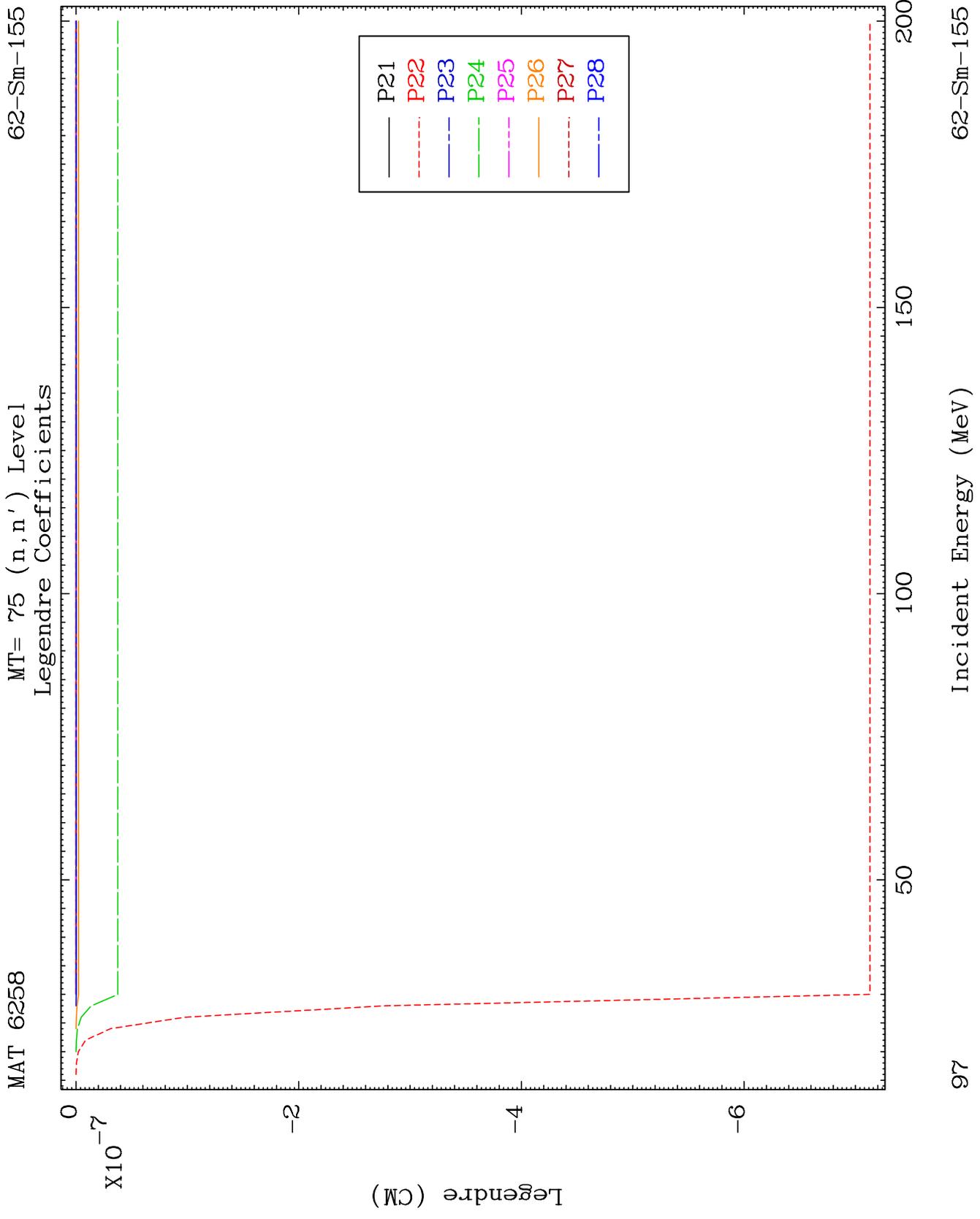
Incident Energy (MeV)

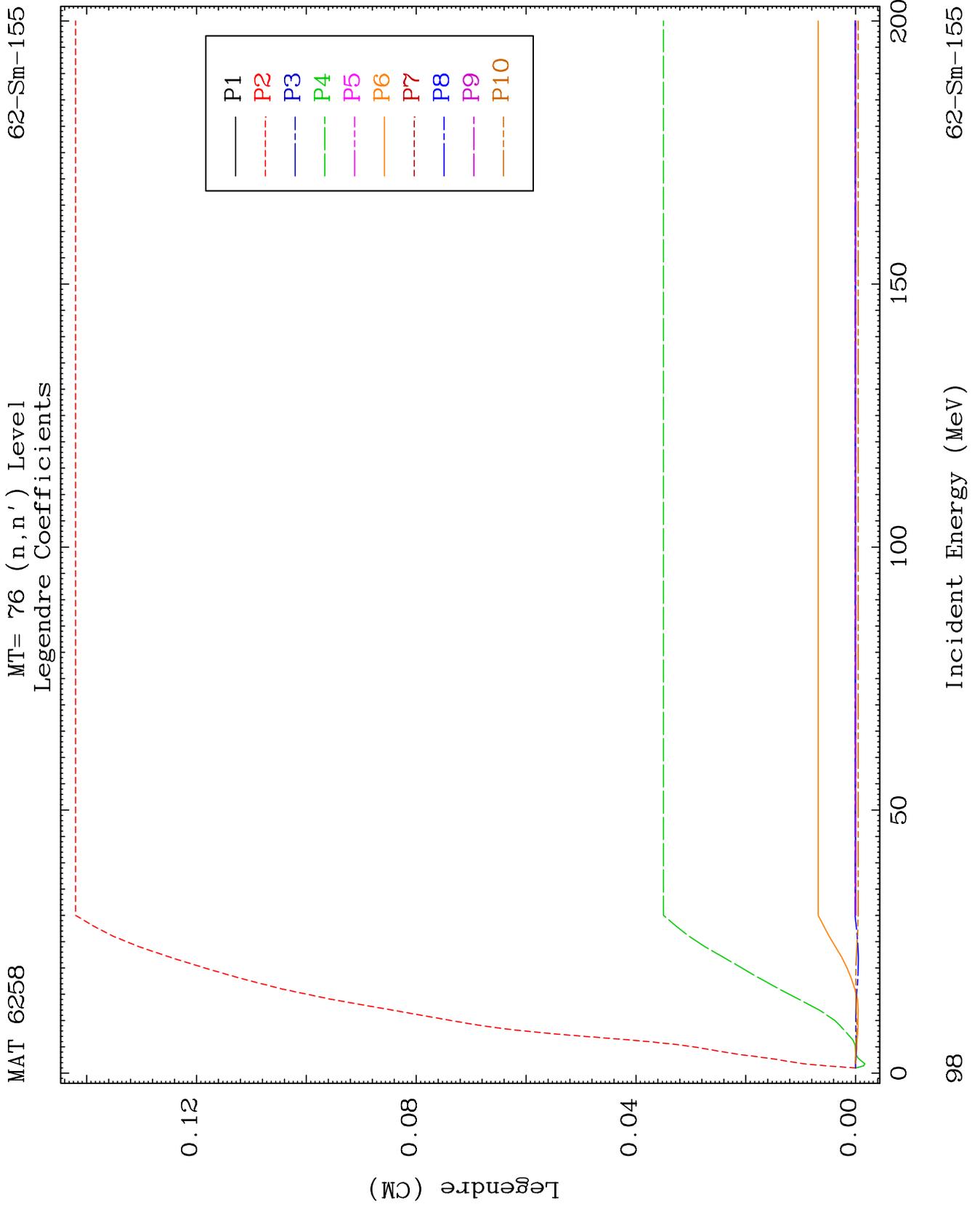
62-Sm-155









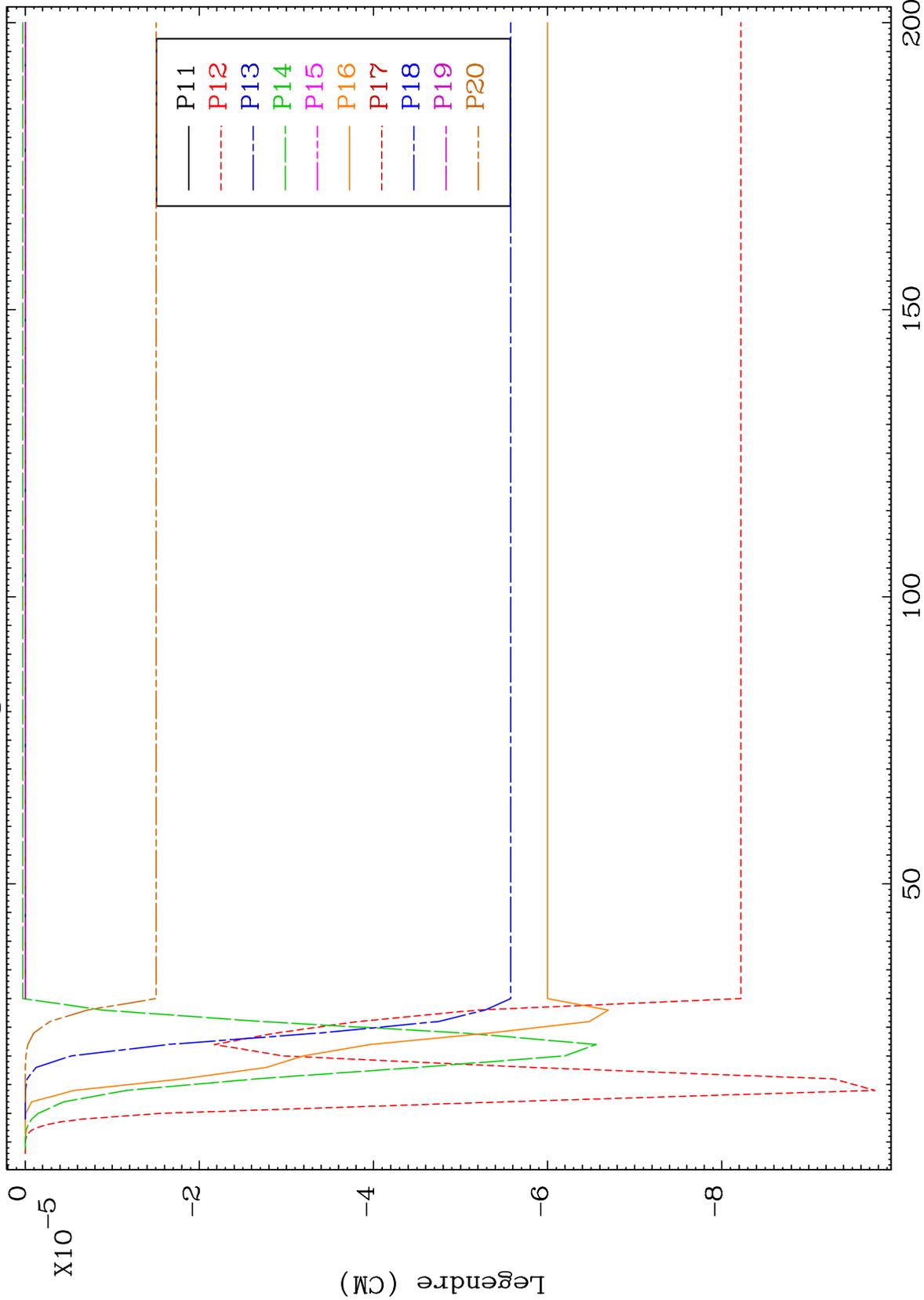


MAT 6258

MT= 76 (n,n') Level

62-Sm-155

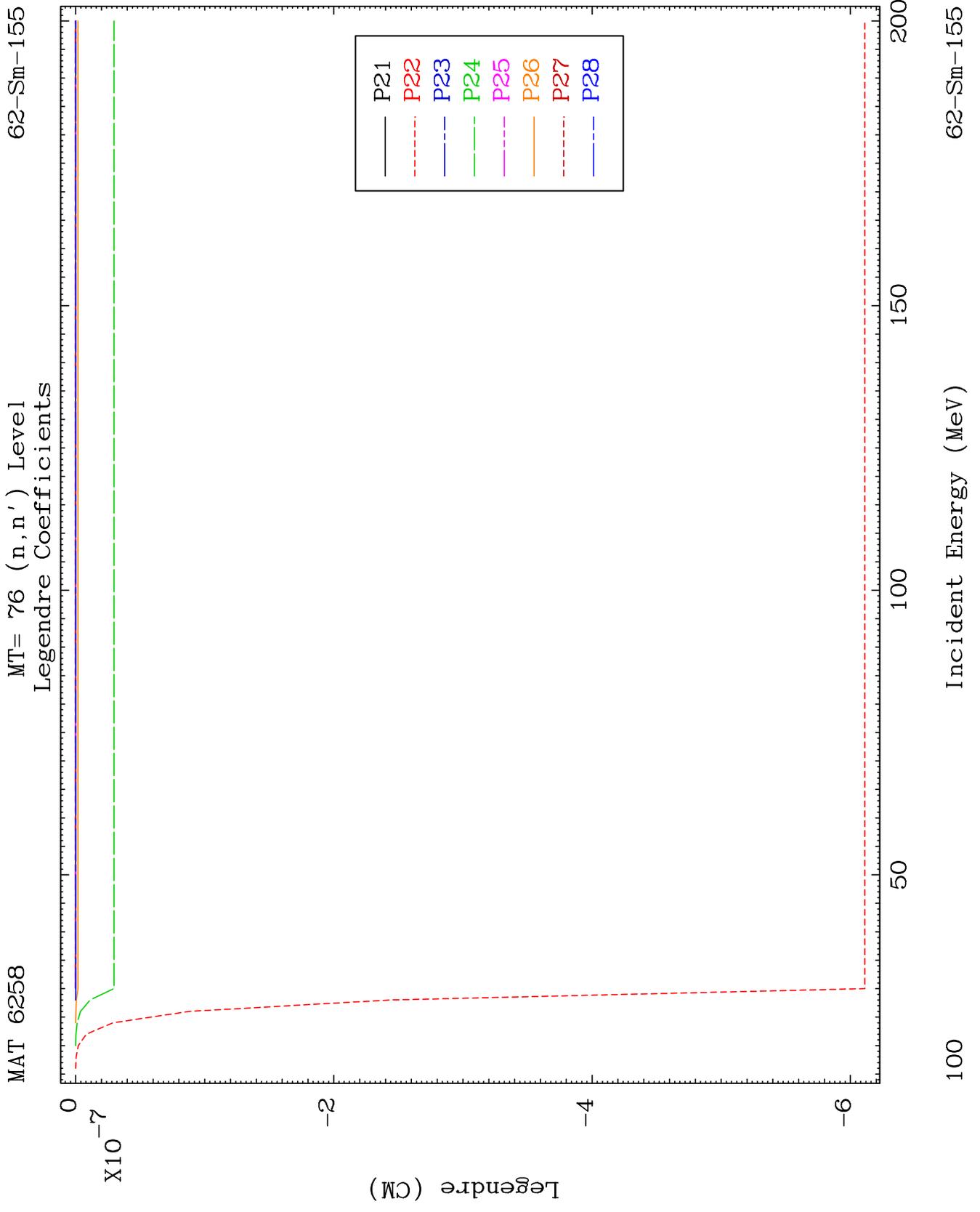
Legendre Coefficients

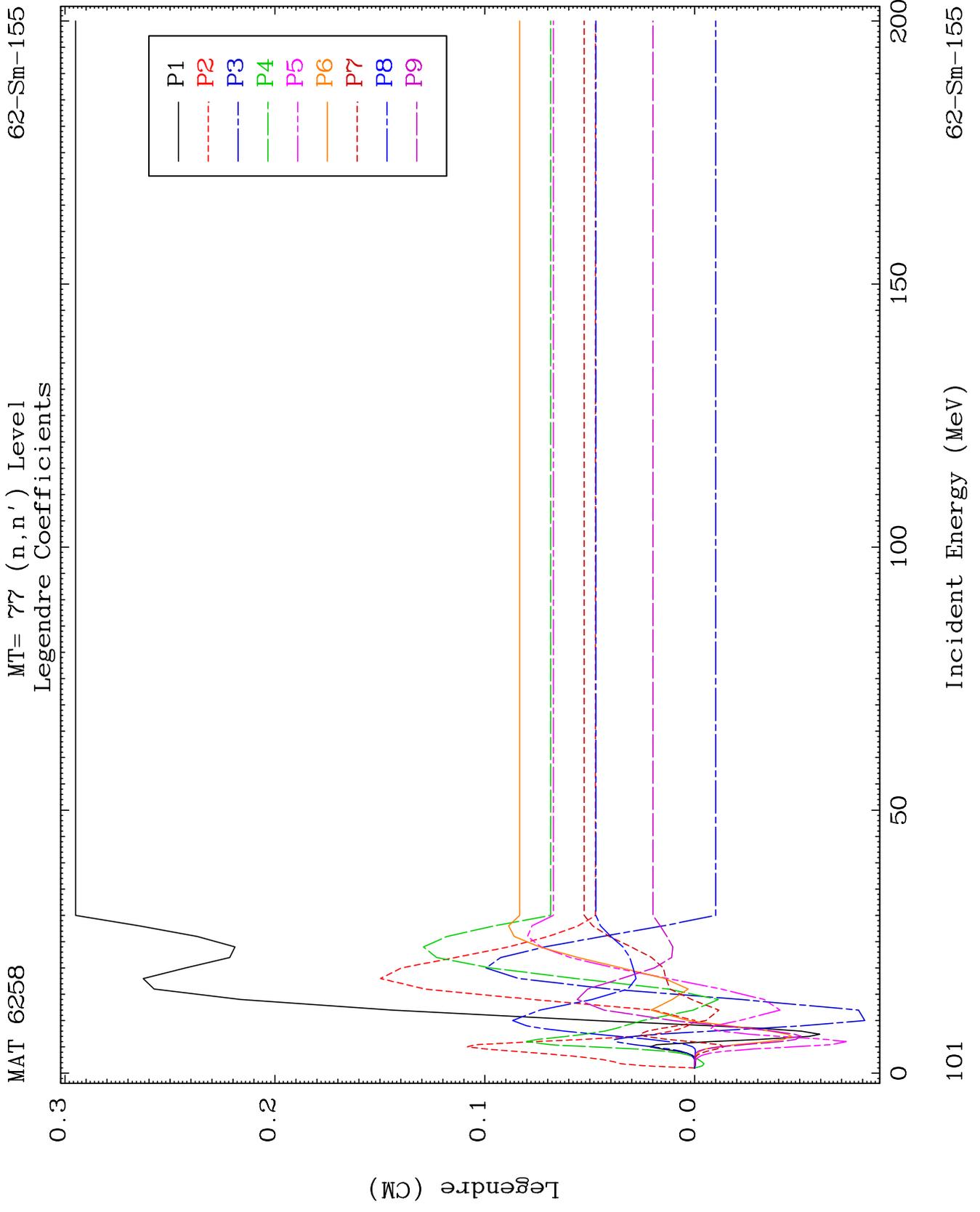


99

Incident Energy (MeV)

62-Sm-155

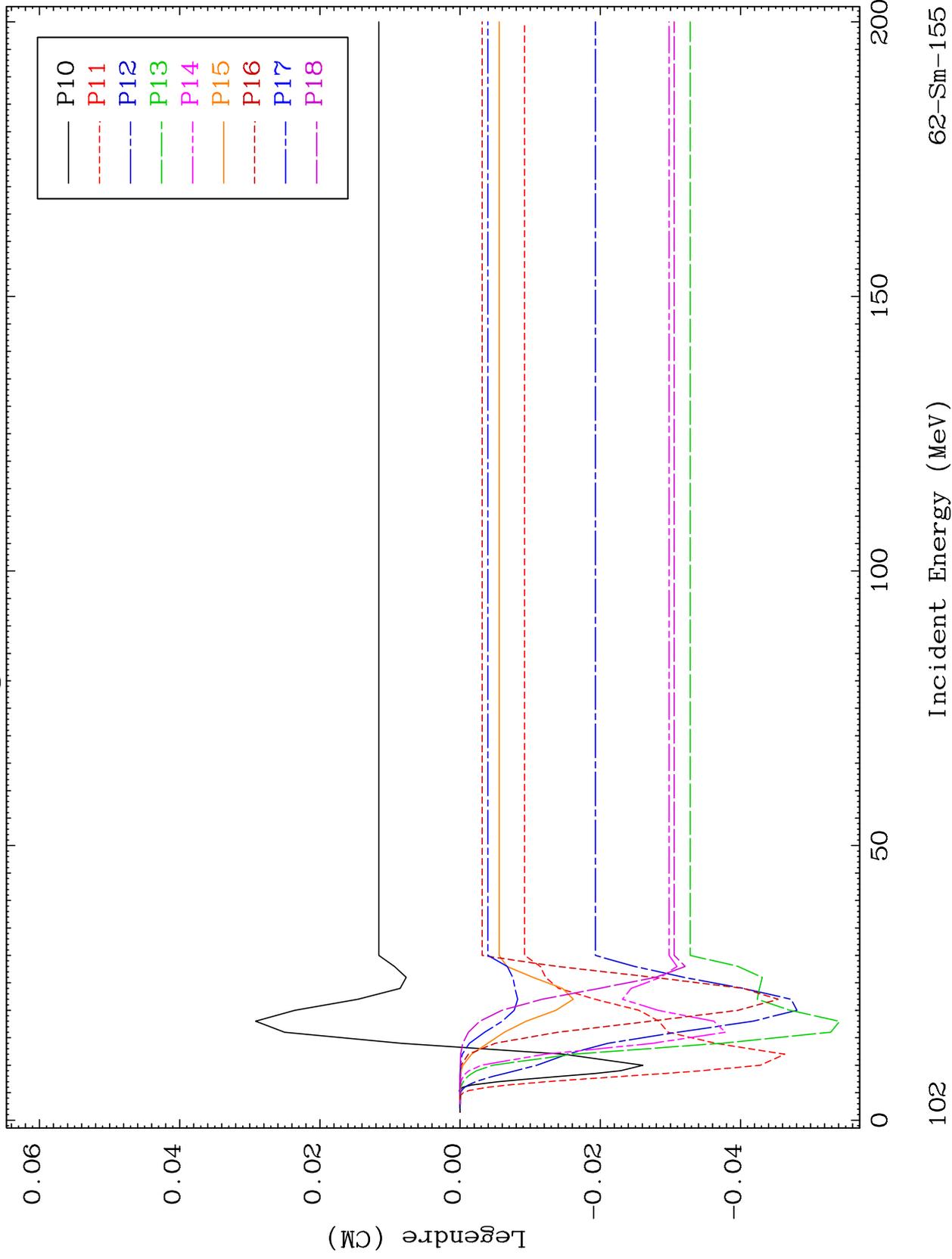




MAT 6258

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

62-Sm-155



62-Sm-155

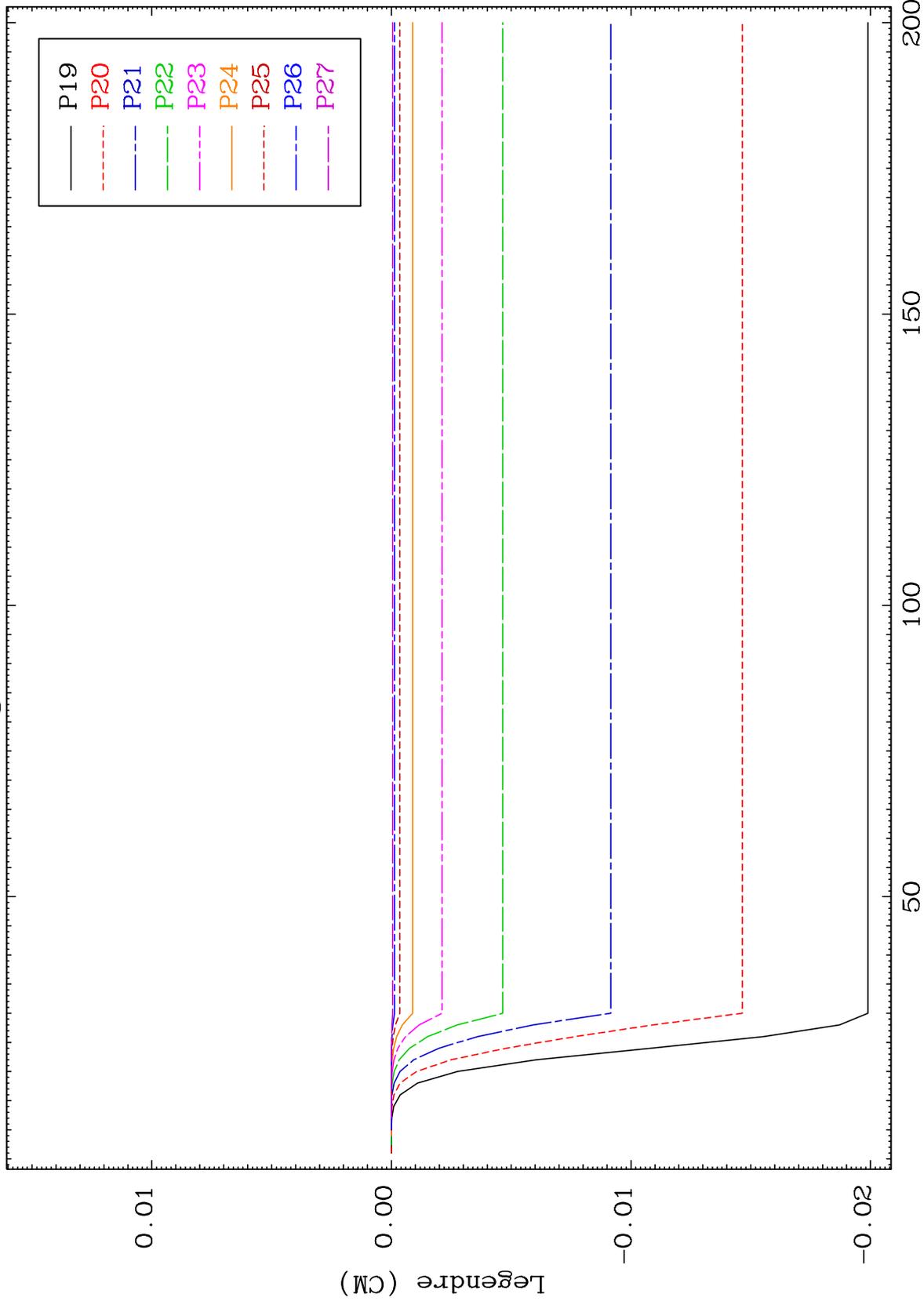
Incident Energy (MeV)

102

MAT 6258

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

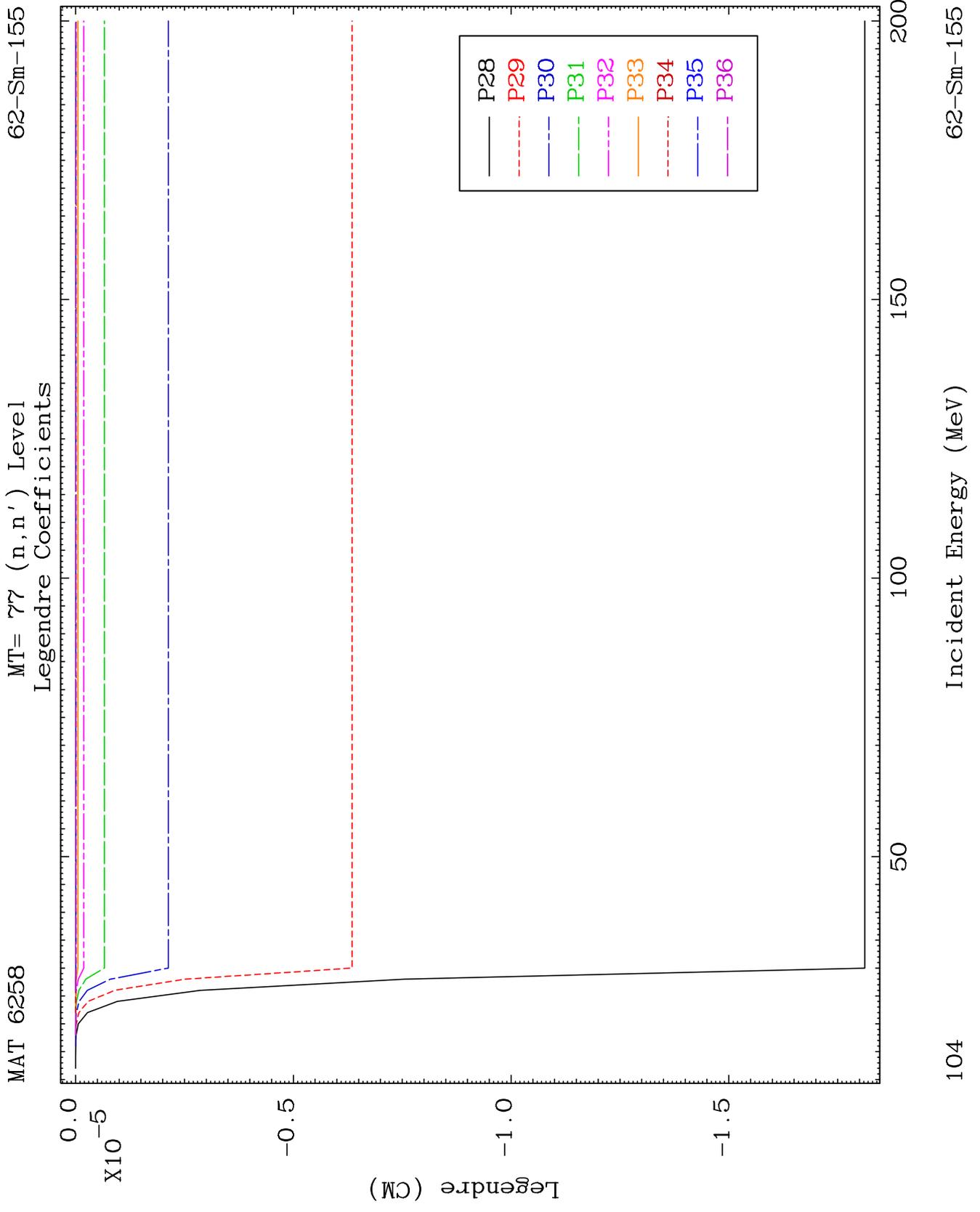
62-Sm-155



103

Incident Energy (MeV)

62-Sm-155

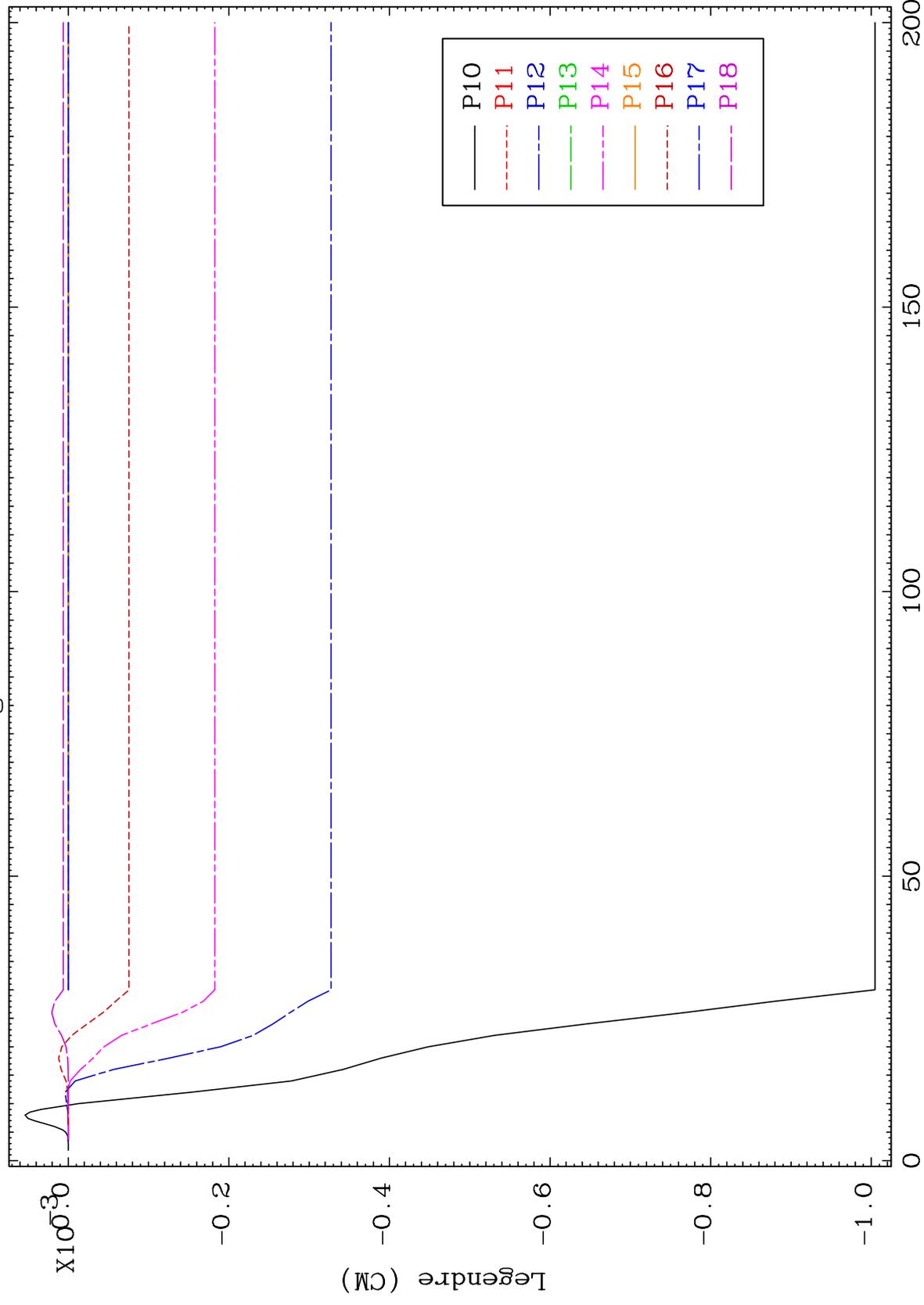




MAT 6258

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

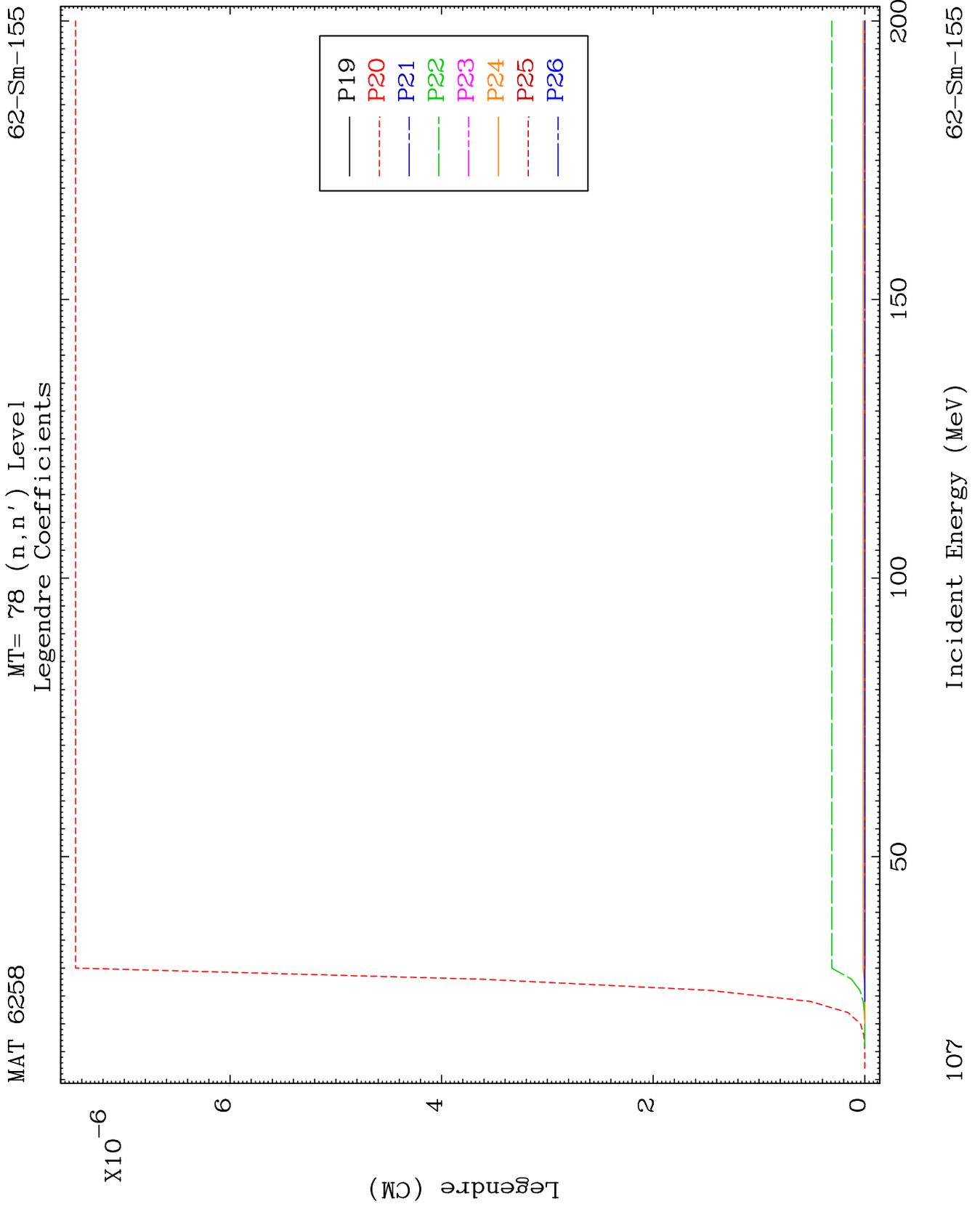
62-Sm-155

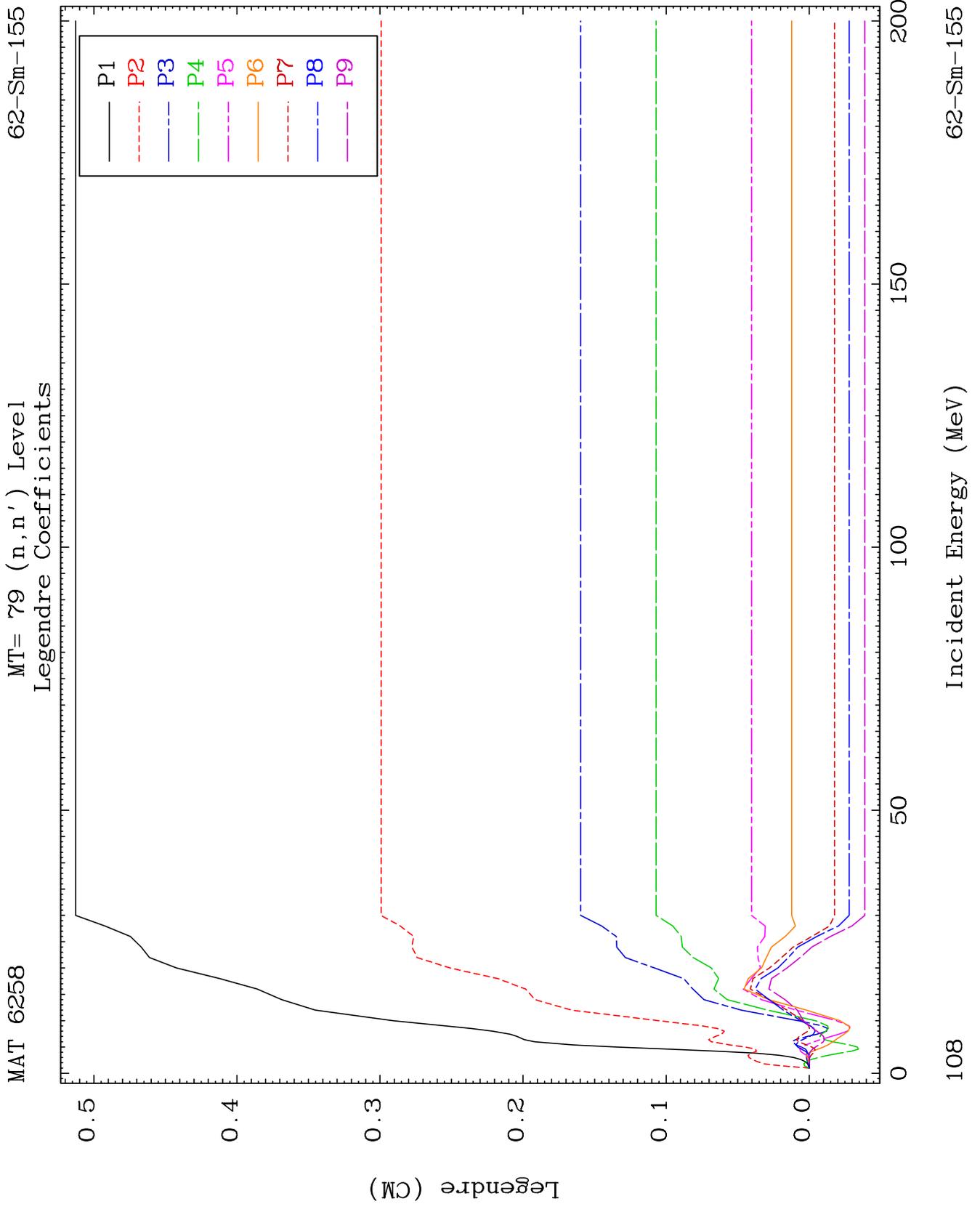


106

Incident Energy (MeV)

62-Sm-155

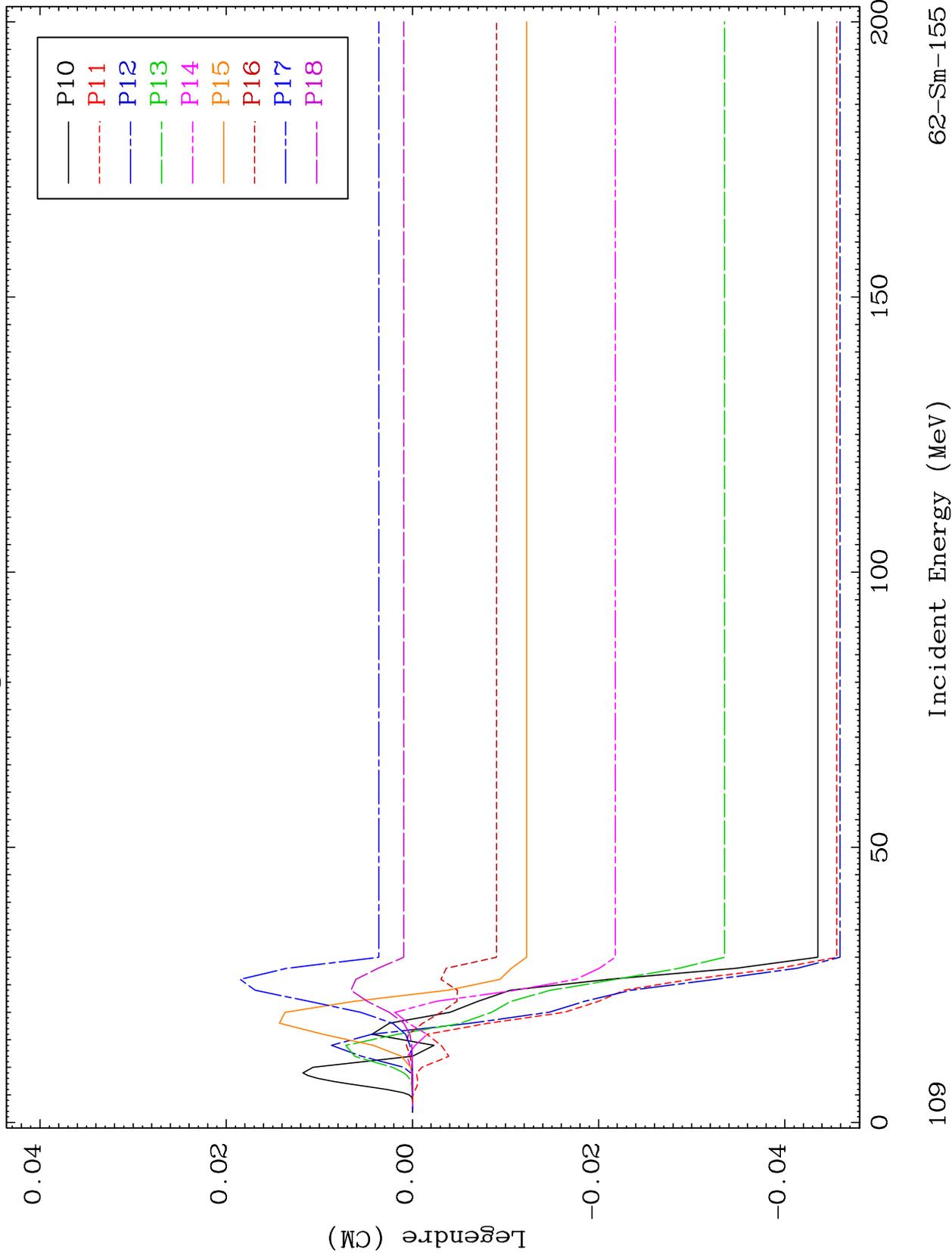




MAT 6258

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

62-Sm-155



109

Incident Energy (MeV)

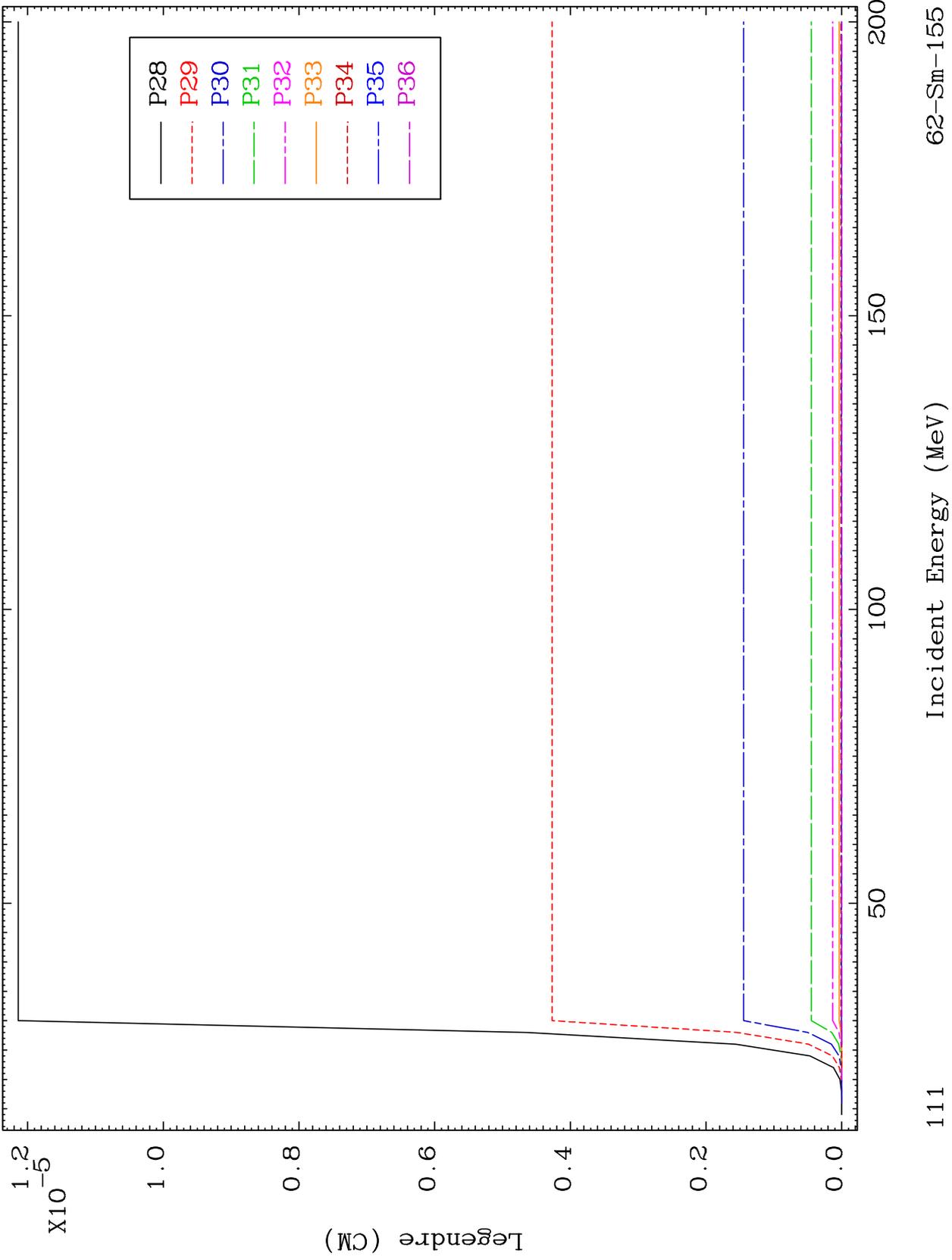
62-Sm-155



MAT 6258

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

62-Sm-155



111

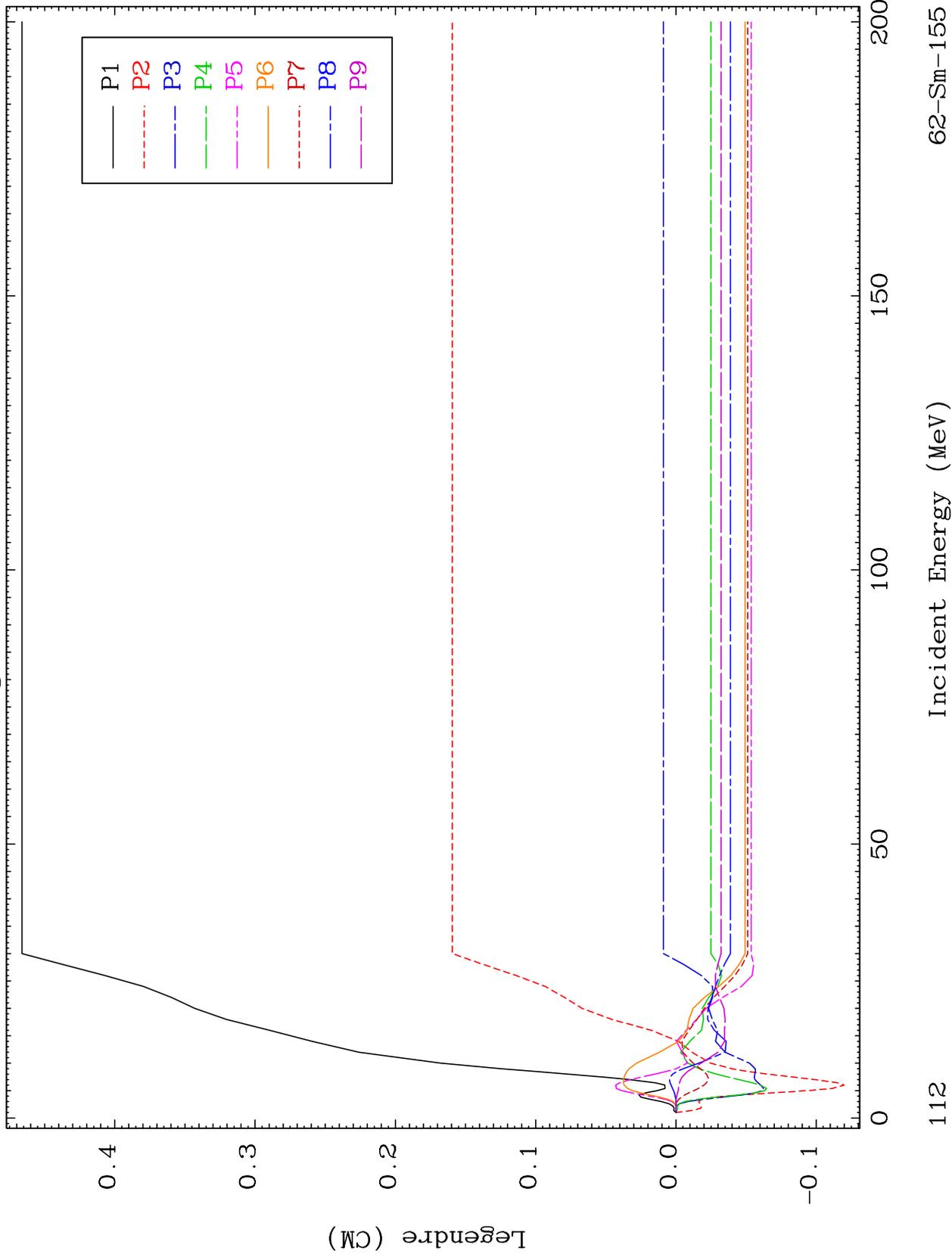
Incident Energy (MeV)

62-Sm-155

MAT 6258

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

62-Sm-155



62-Sm-155

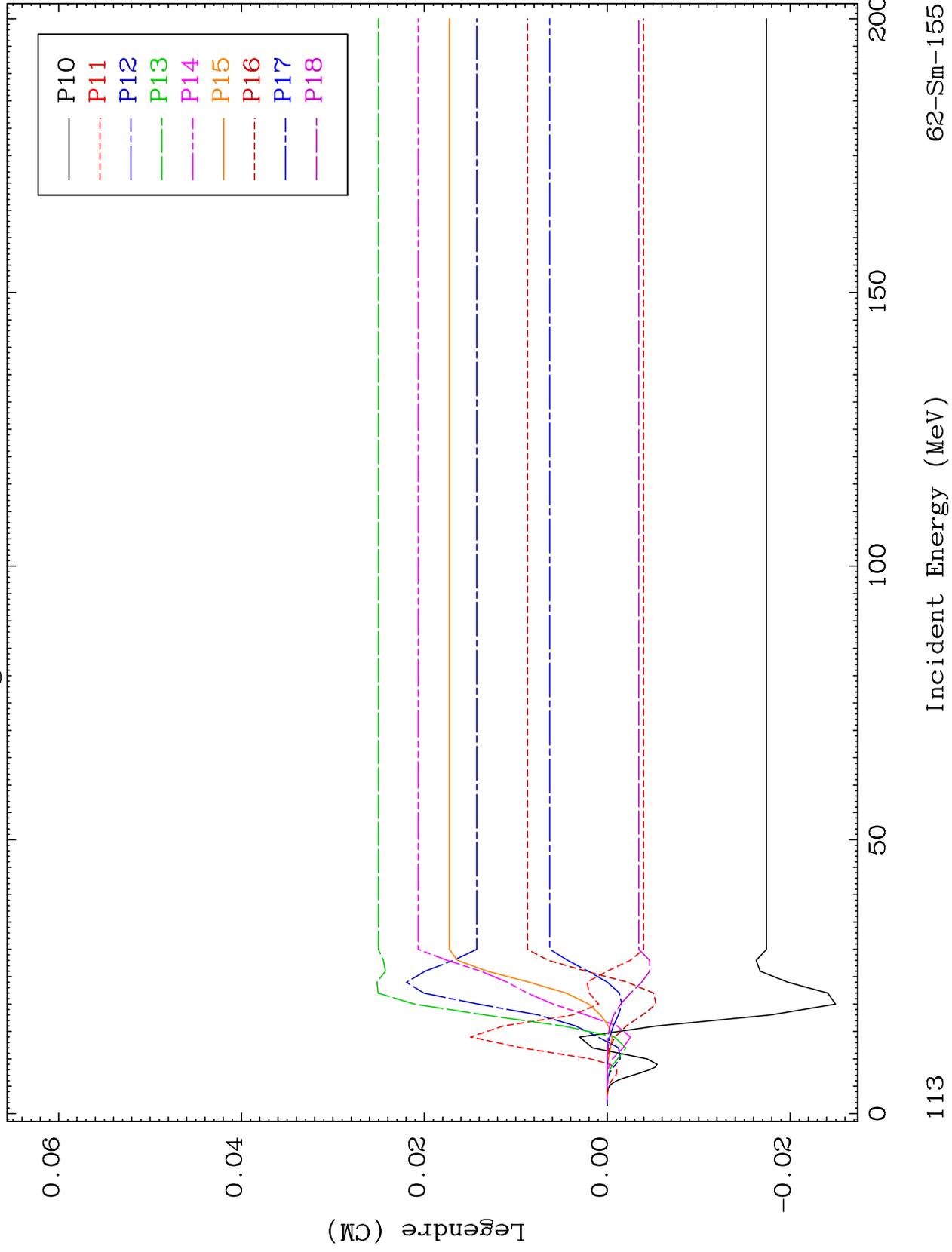
Incident Energy (MeV)

112

MAT 6258

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

62-Sm-155



62-Sm-155

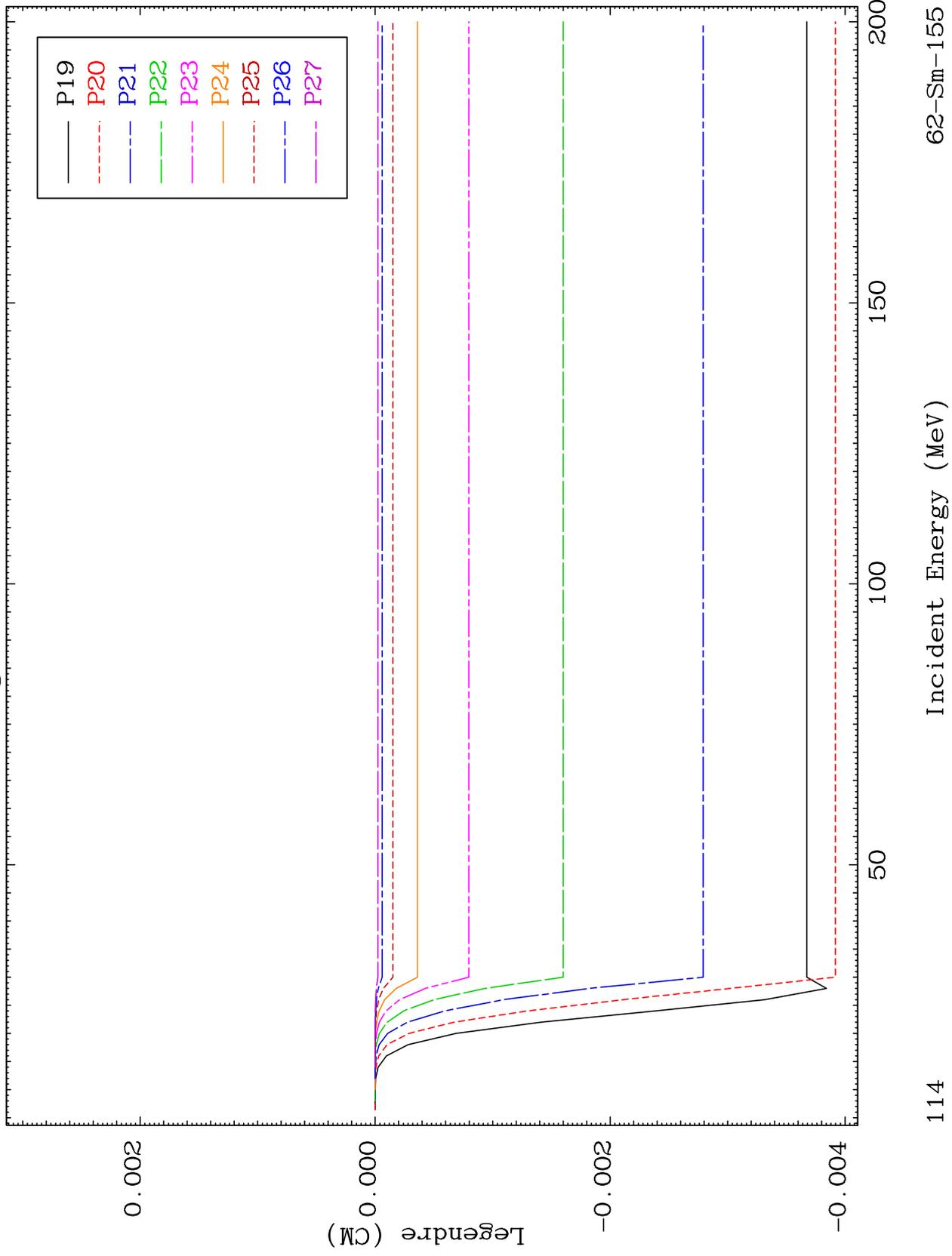
Incident Energy (MeV)

113

MAT 6258

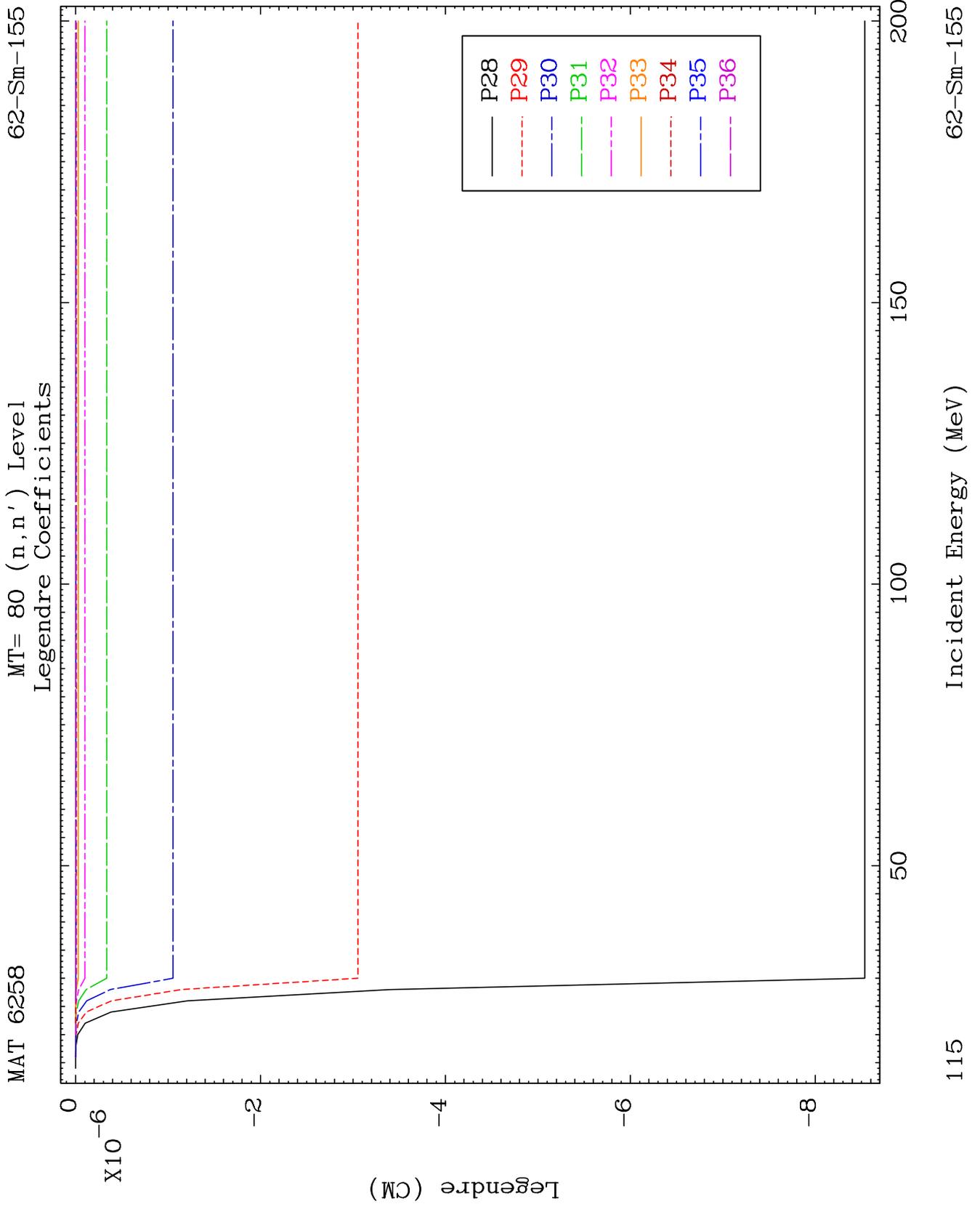
MT= 80 (n,n') Level  
Legendre Coefficients

62-Sm-155

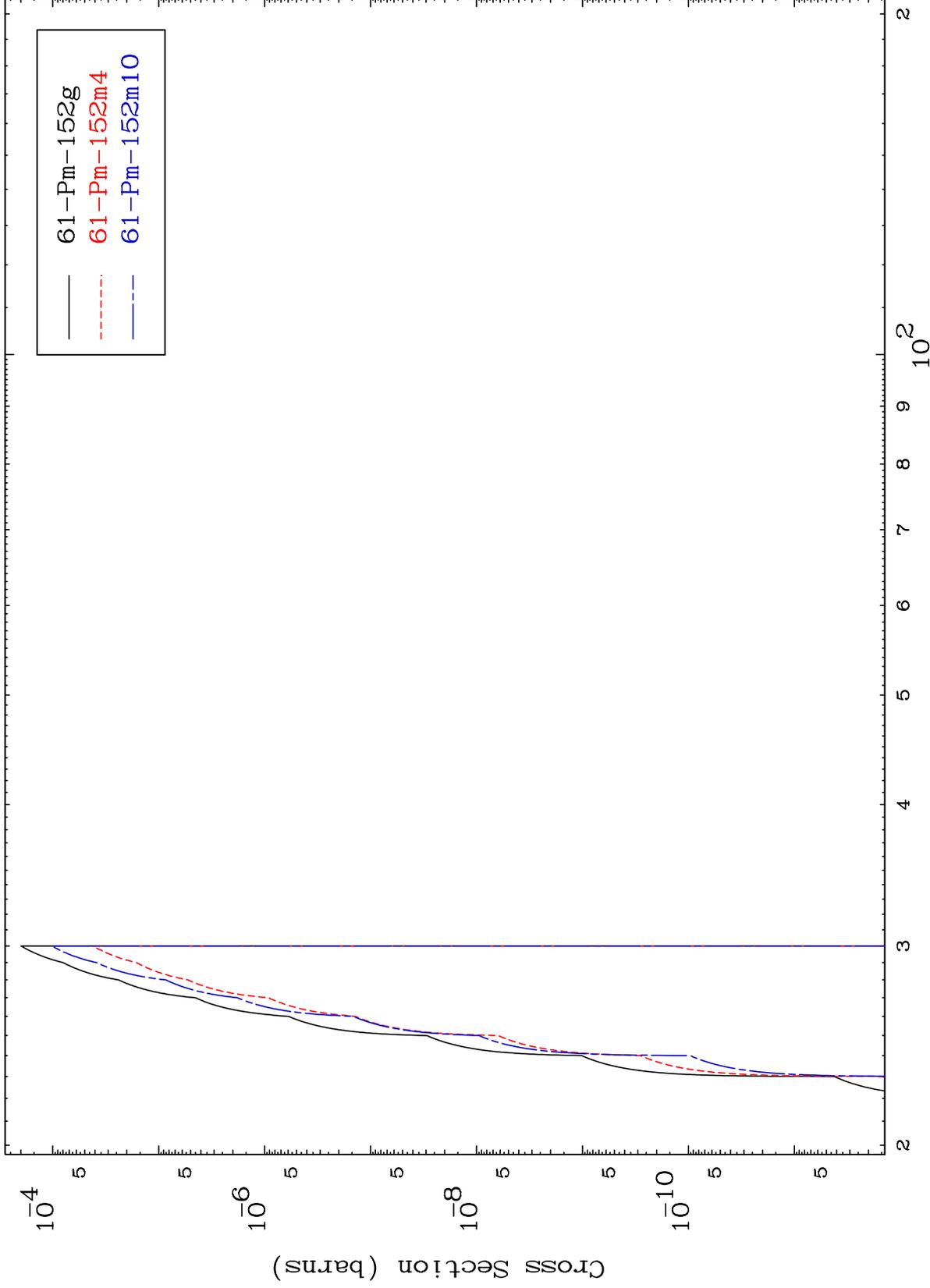


114

62-Sm-155



Radionuclide Production Cross Section

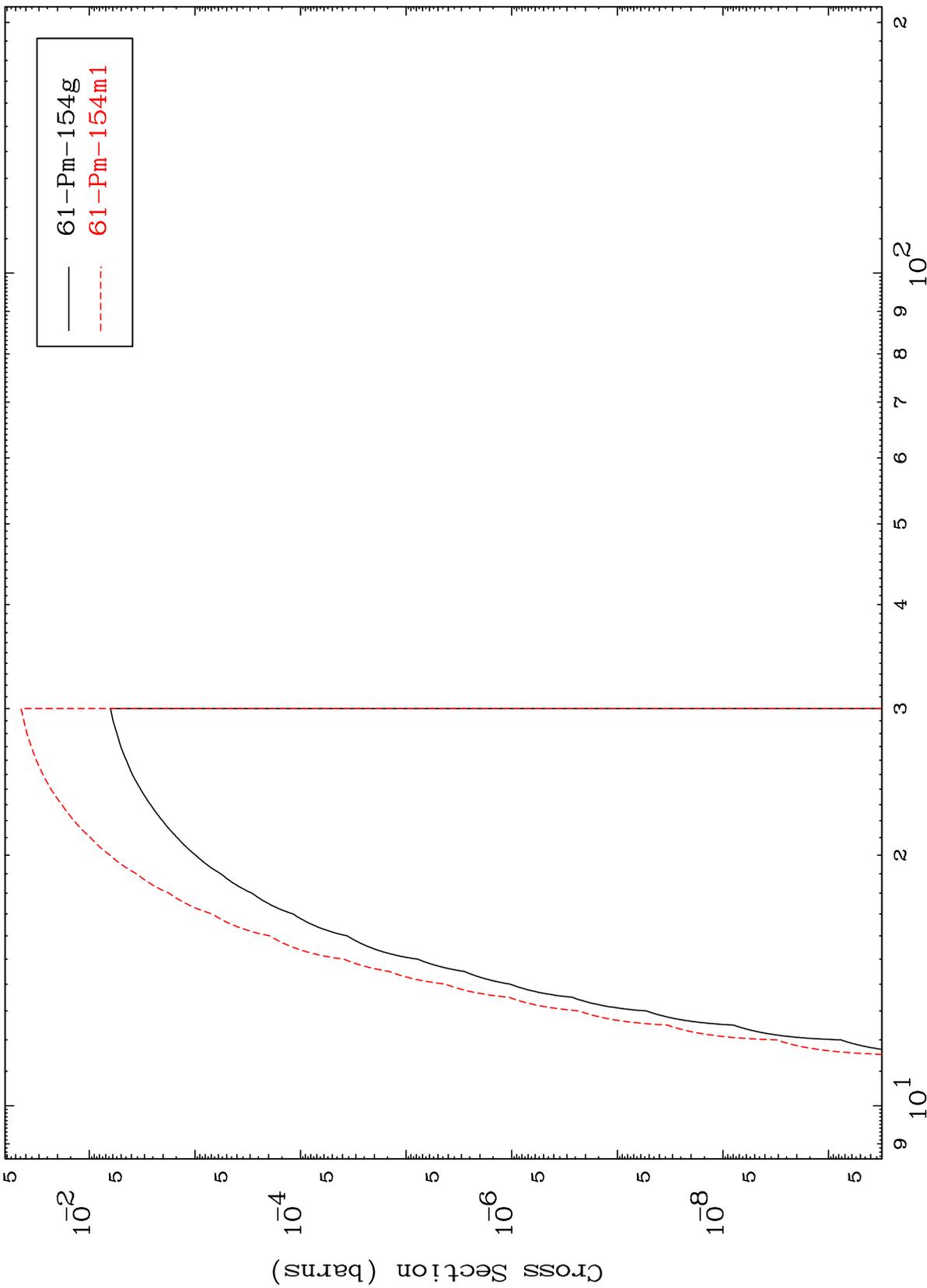


MAT 6258

(n,n') p

62-Sm-155

Radionuclide Production Cross Section



Incident Energy (MeV)

62-Sm-155

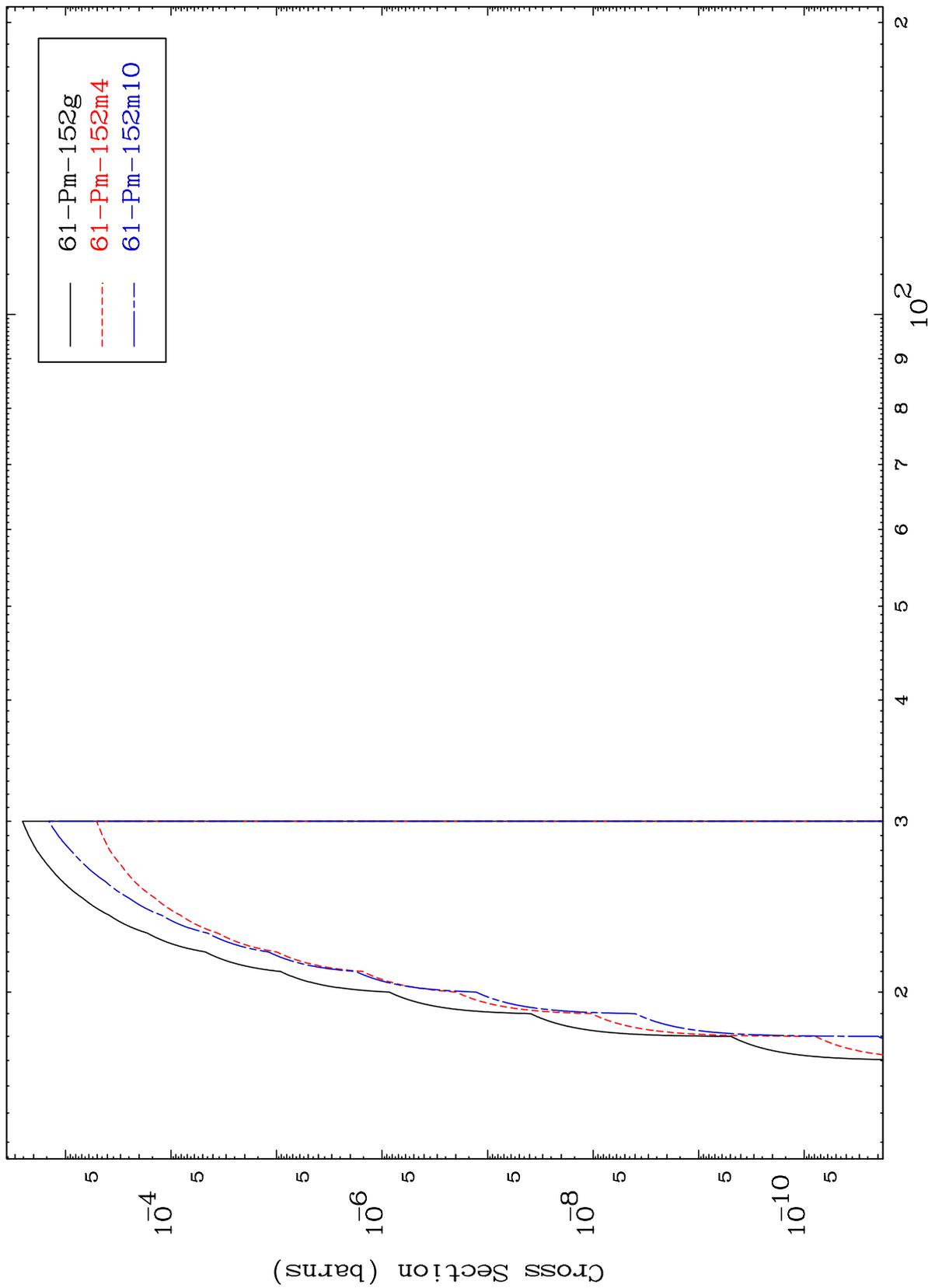
117

MAT 6258

(n,n') t

62-Sm-155

Radionuclide Production Cross Section

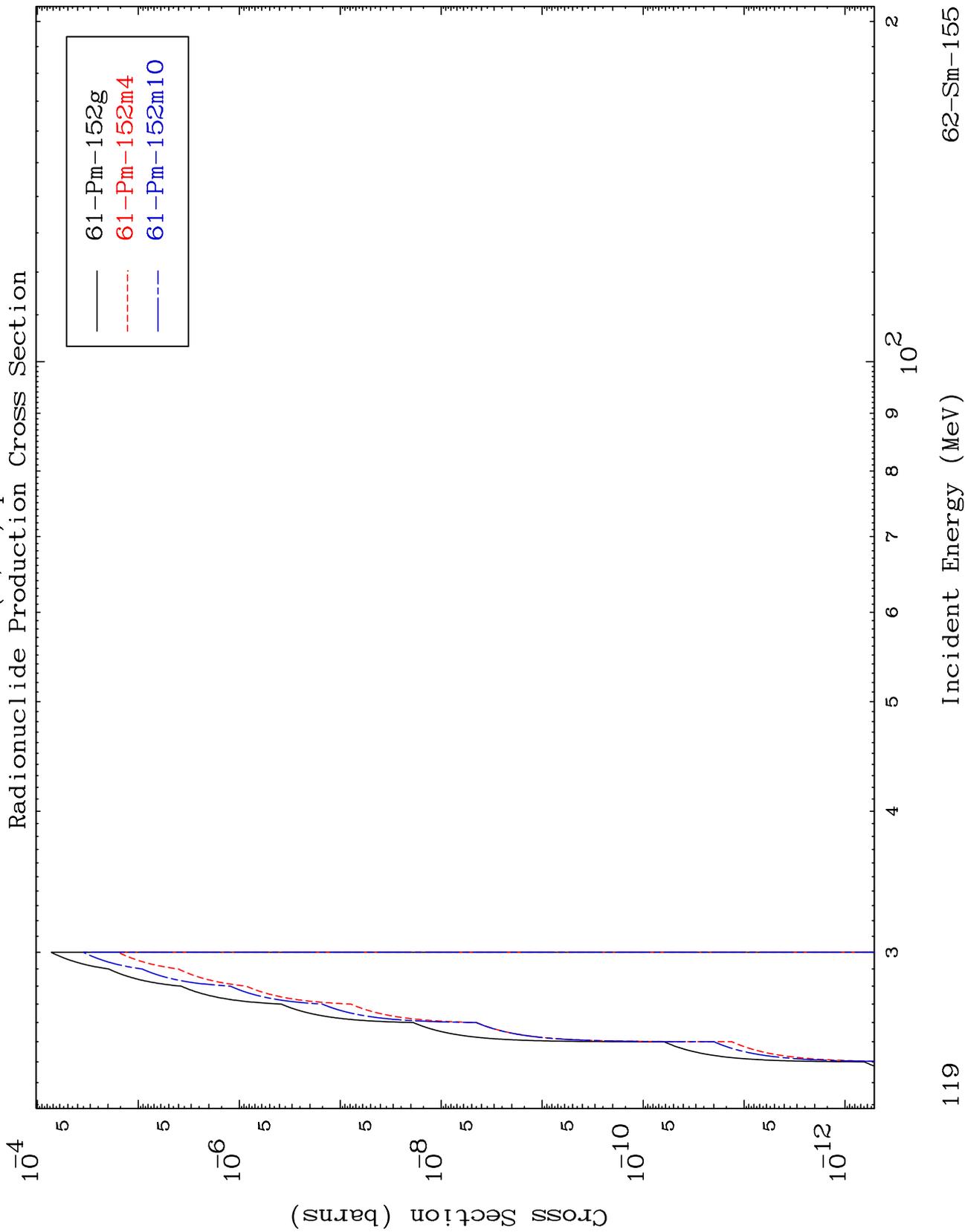


118

Incident Energy (MeV)

62-Sm-155

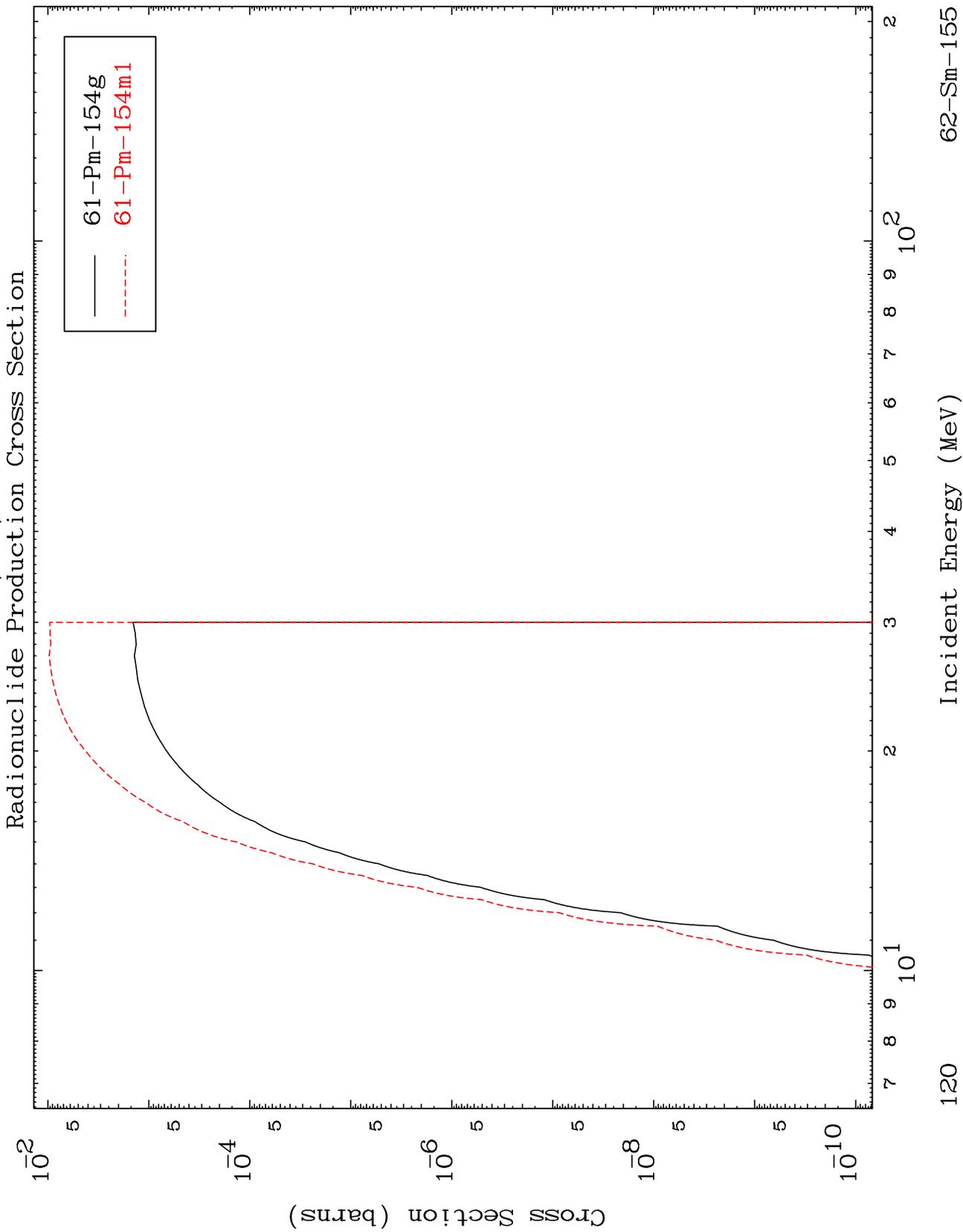
Radionuclide Production Cross Section



MAT 6258

(n,d)

62-Sm-155



120