

Program EVALPLOT
(Version 2018-1)

by

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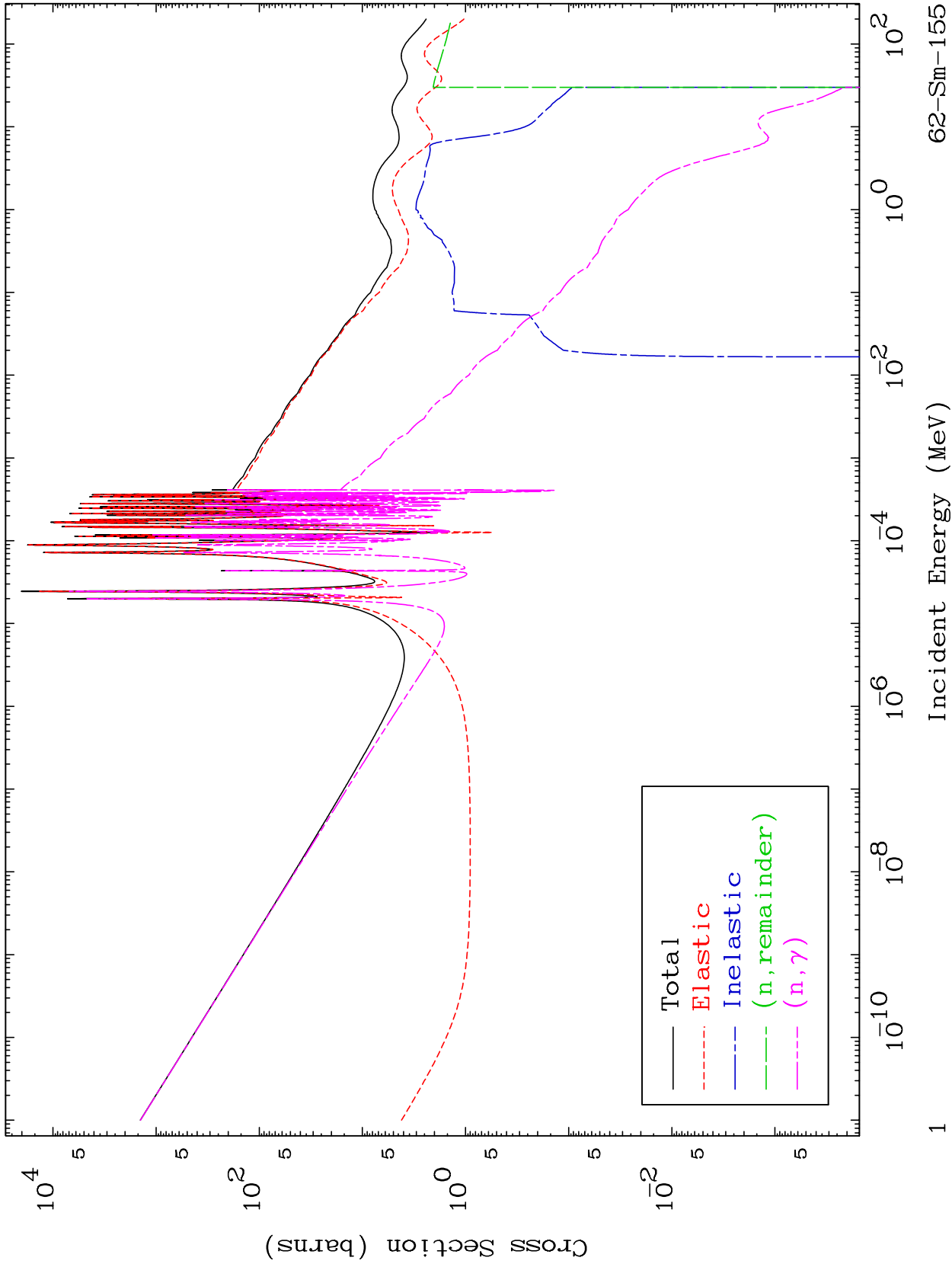
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6258

Major
293 Kelvin Cross Sections

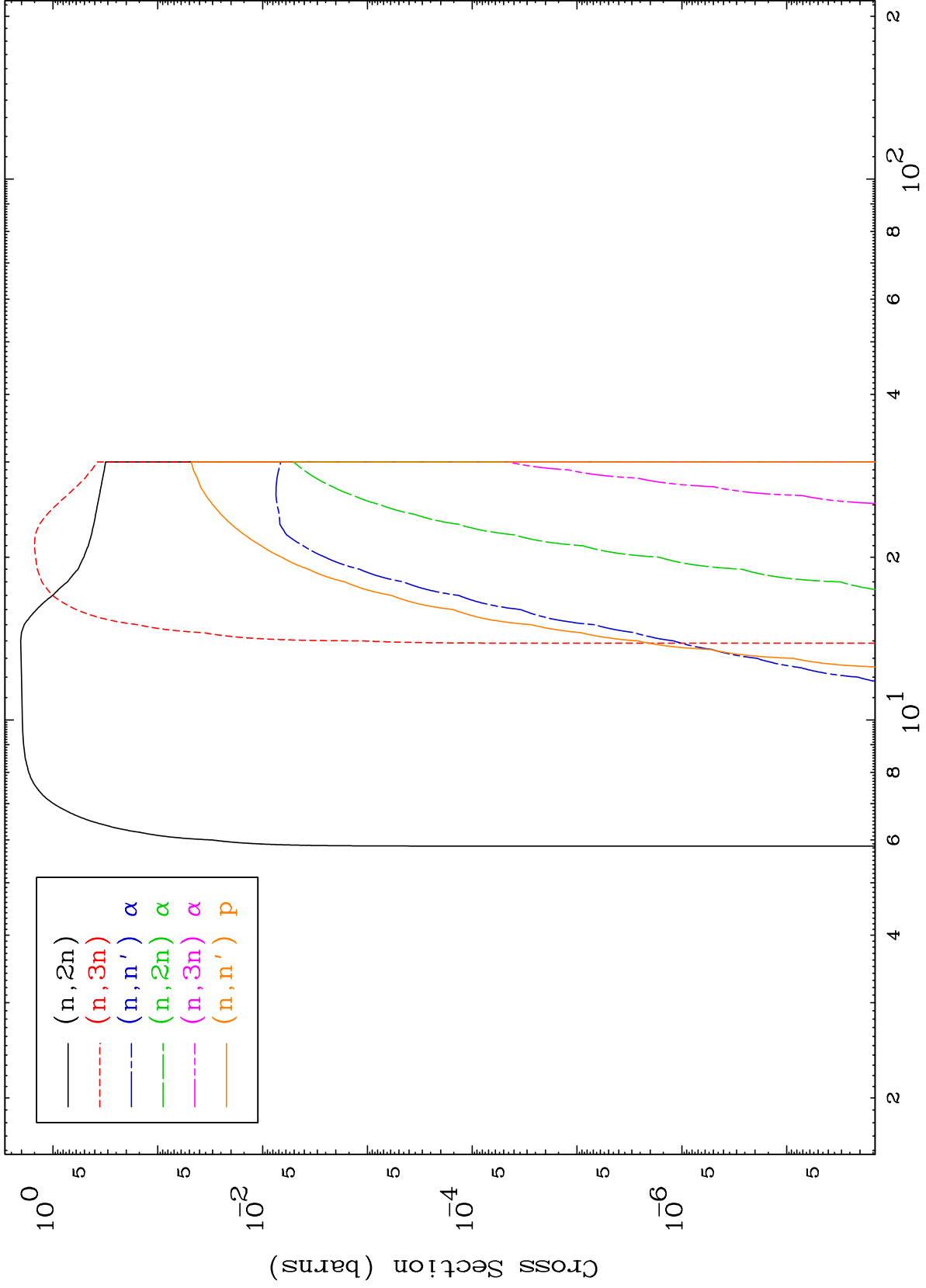
62-Sm-155



MAT 6258

Neutron Production
293 Kelvin Cross Sections

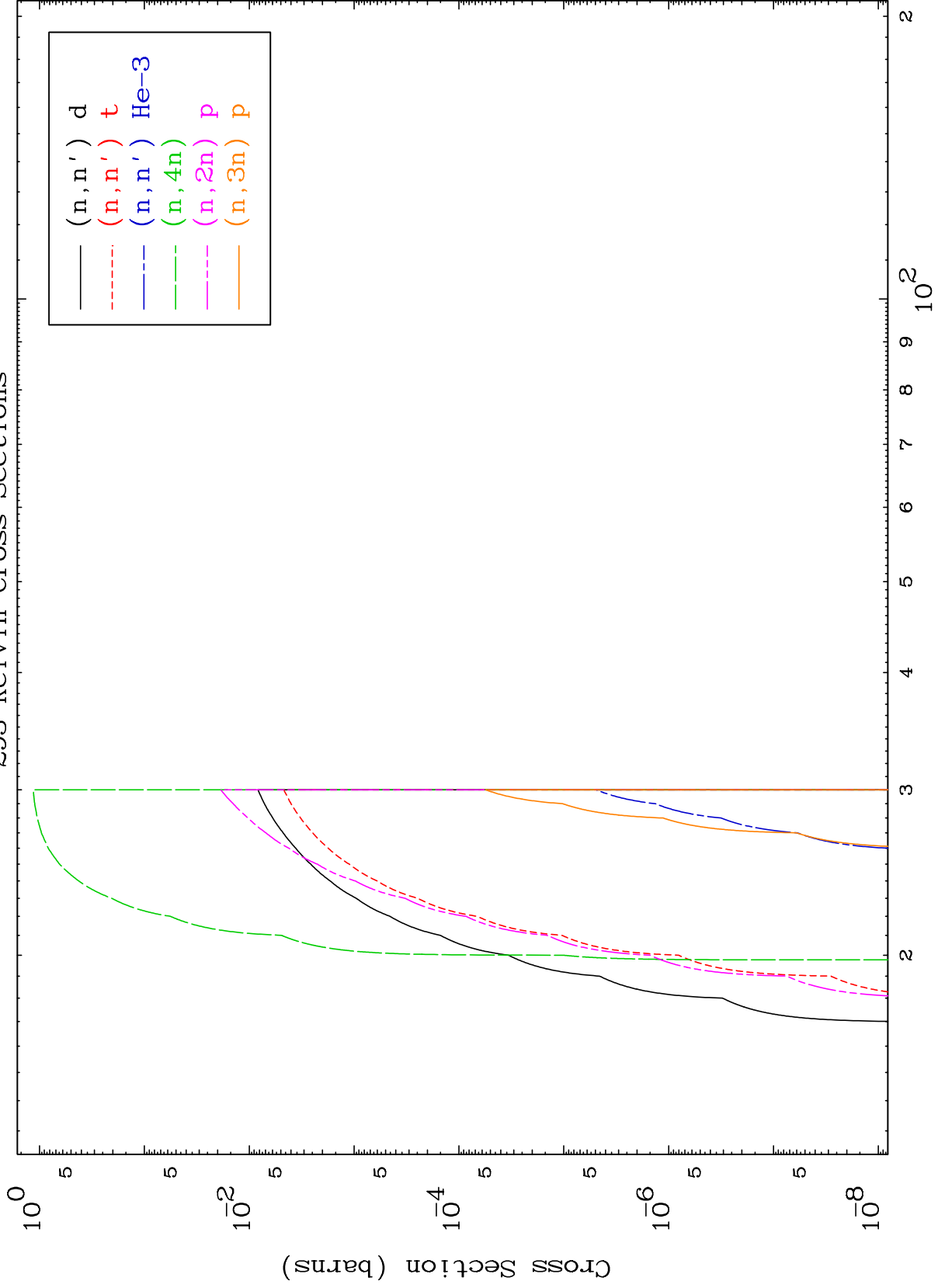
62-Sm-155



2

Incident Energy (MeV)

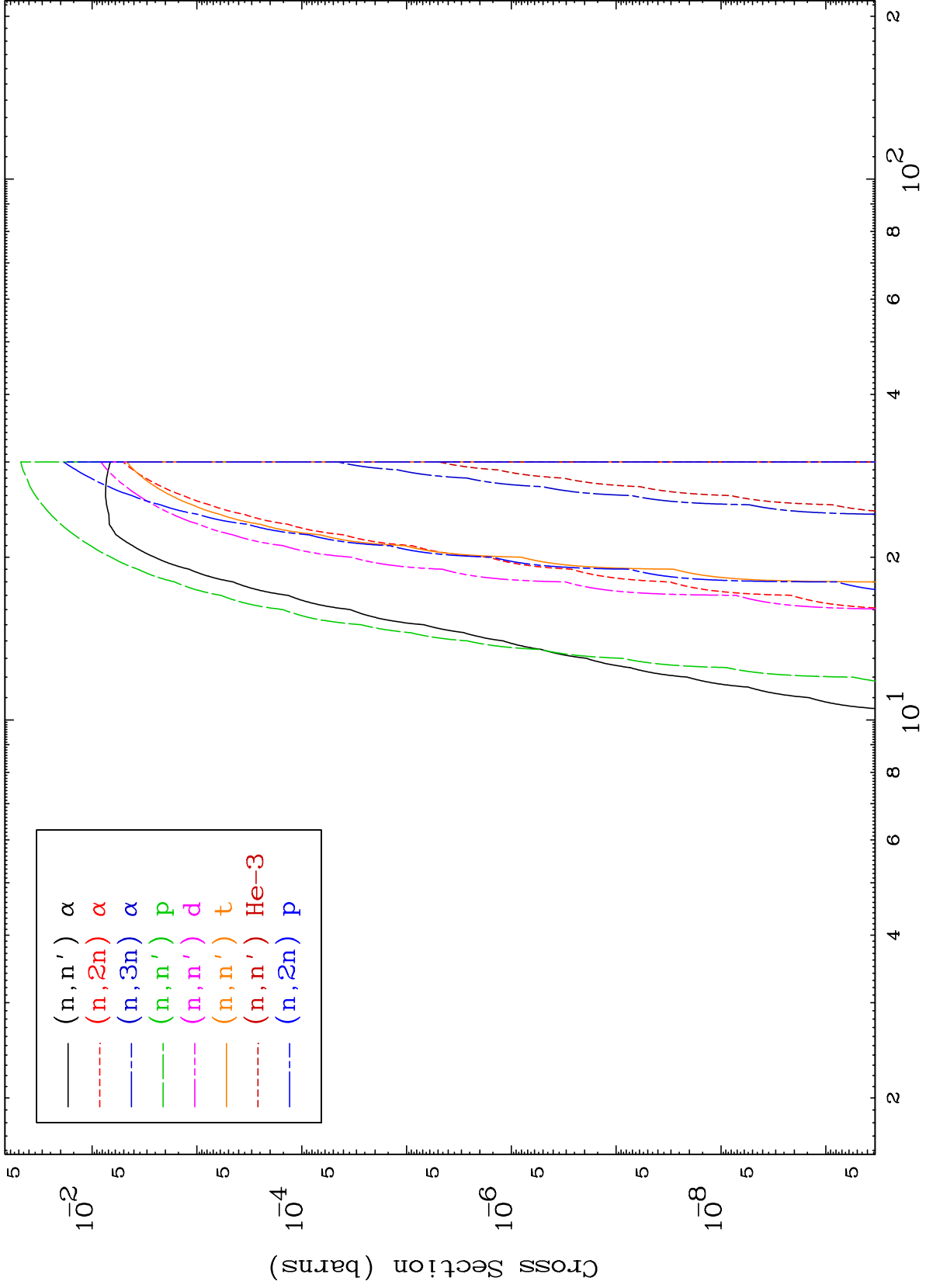
62-Sm-155



MAT 6258

Charged Particle
293 Kelvin Cross Sections

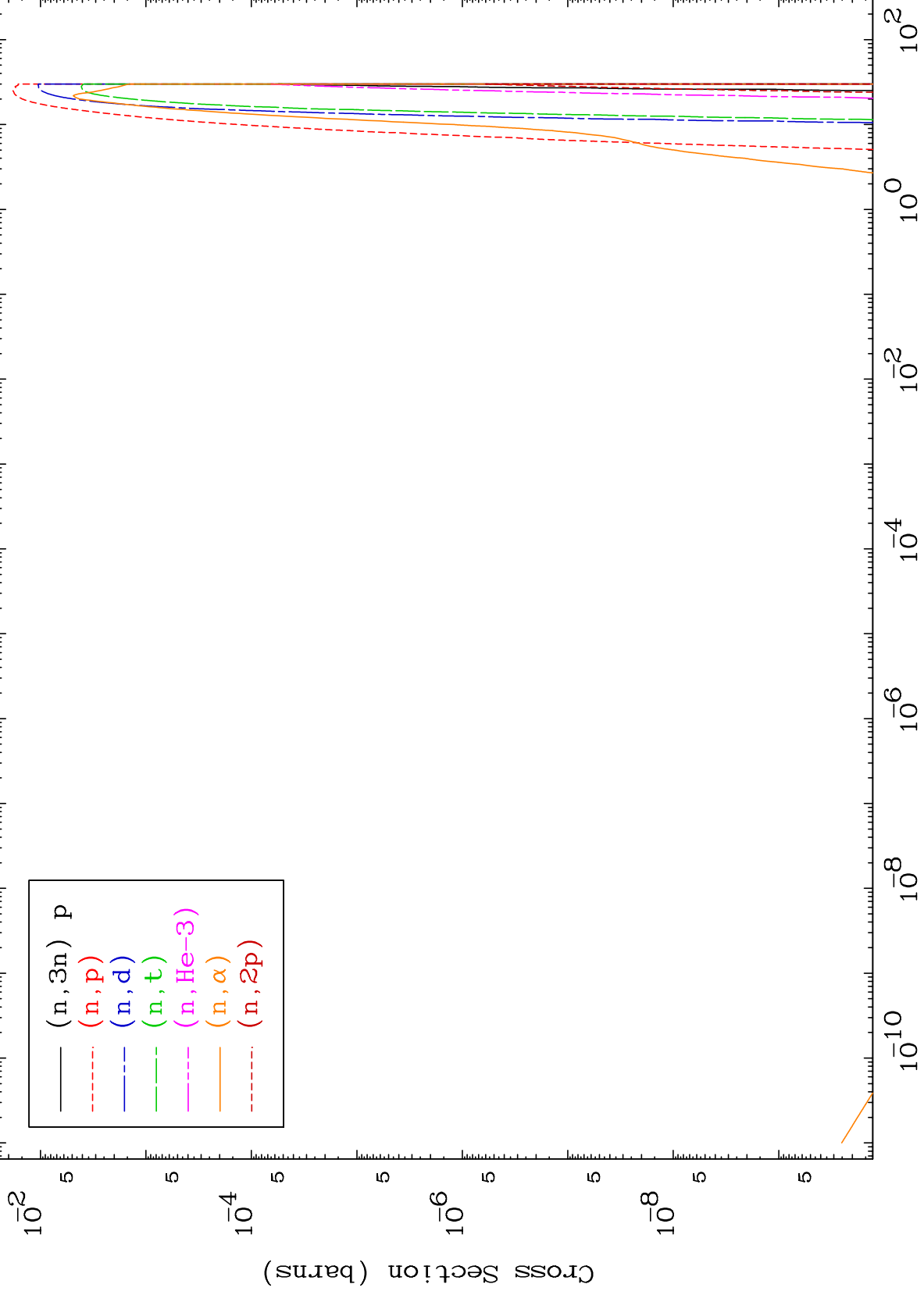
62-Sm-155



MAT 6258

Charged Particle
293 Kelvin Cross Sections

62-Sm-155



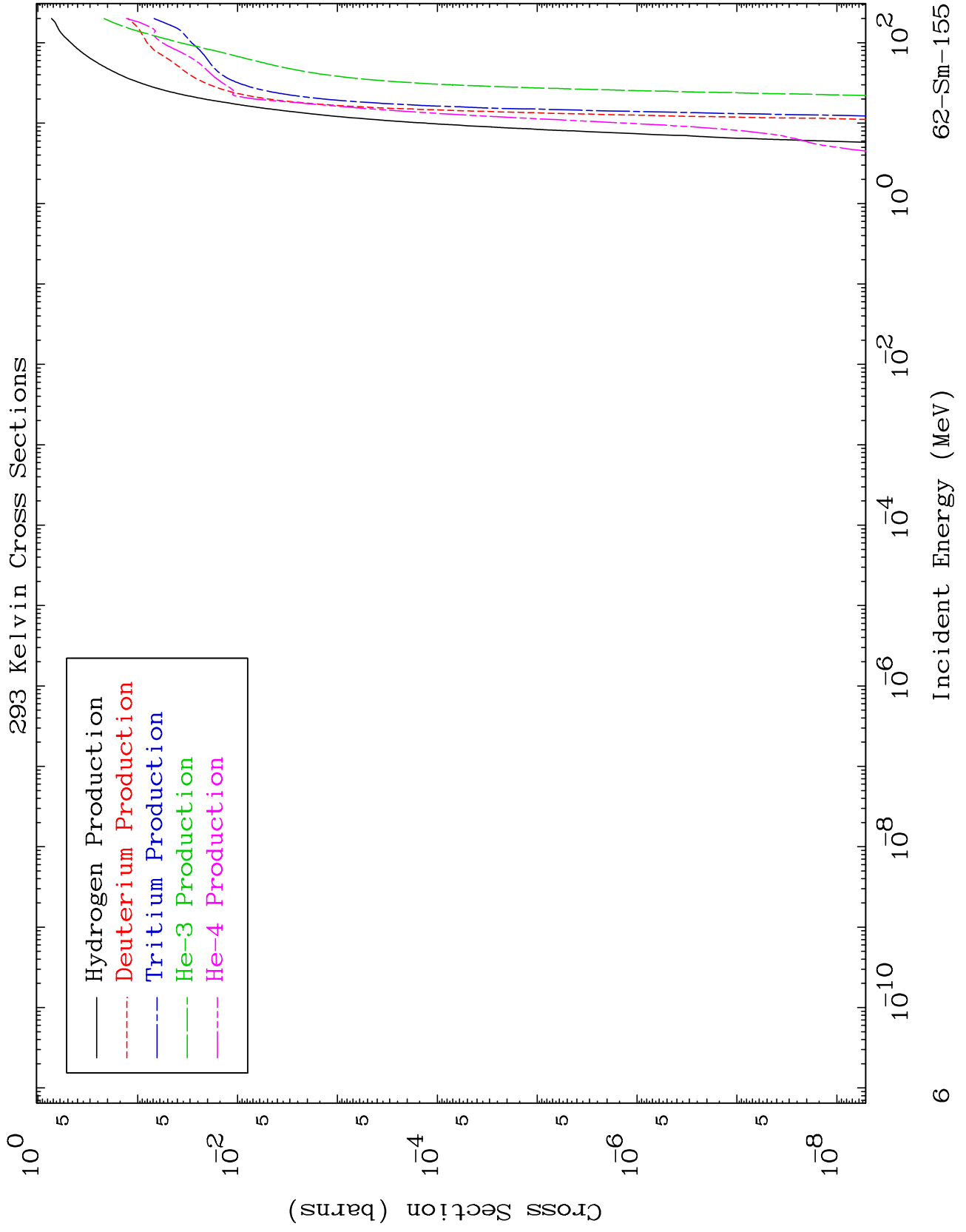
5

62-Sm-155

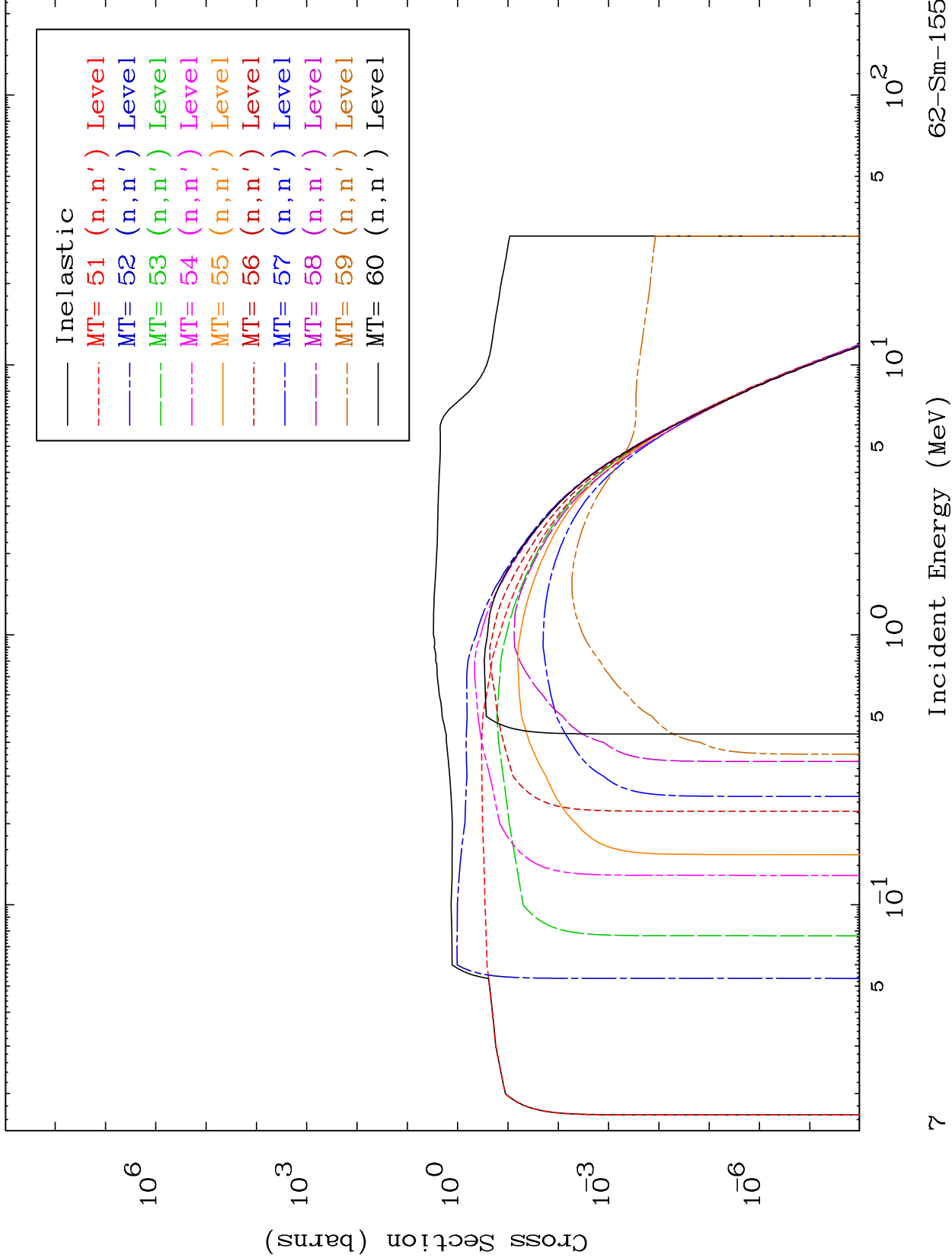
MAT 6258

Particle Production
293 Kelvin Cross Sections

62-Sm-155



293 Kelvin Cross Sections

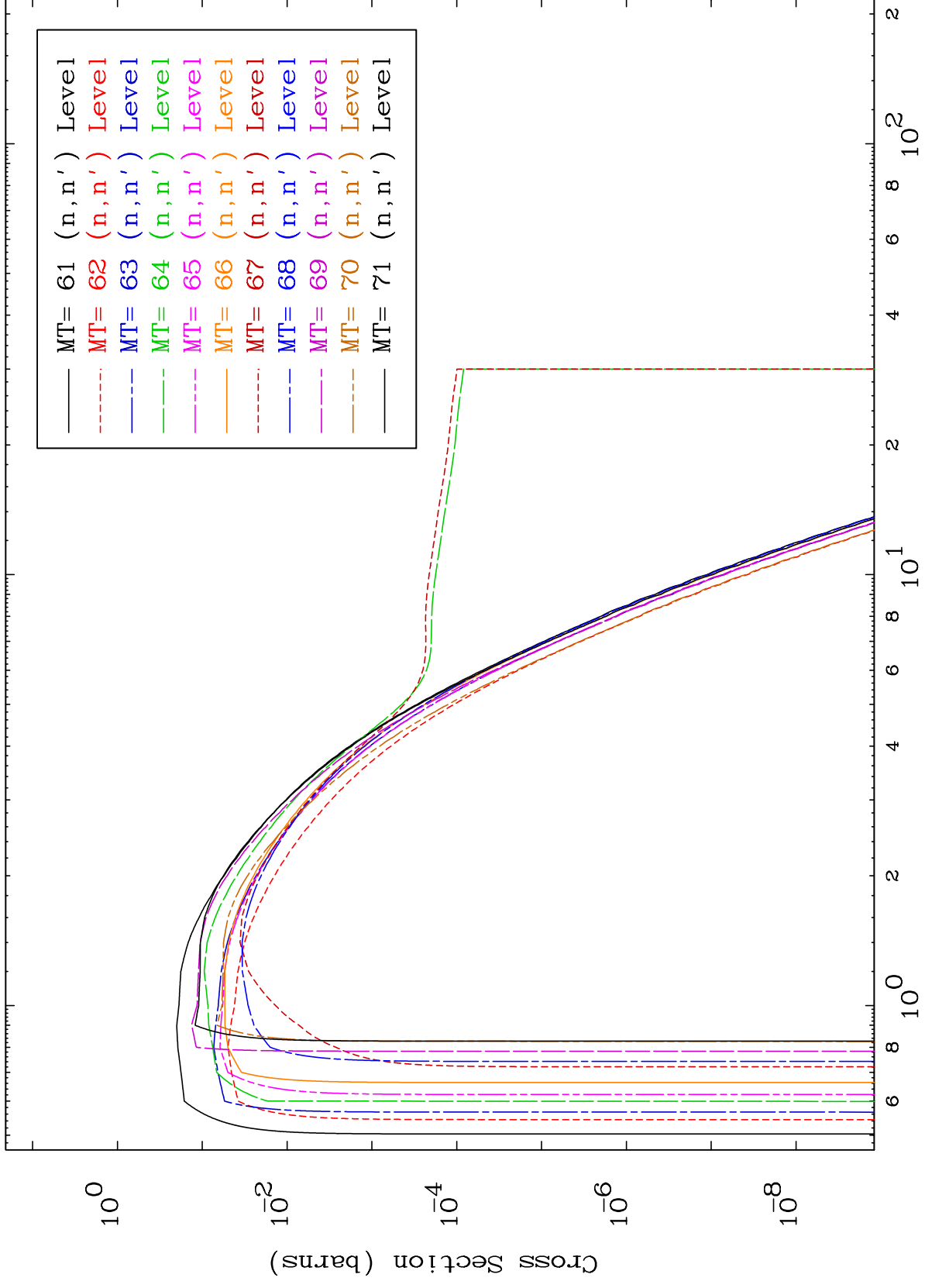


MAT 6258

(n,n') Level

62-Sm-155

293 Kelvin Cross Sections



8

Incident Energy (MeV)

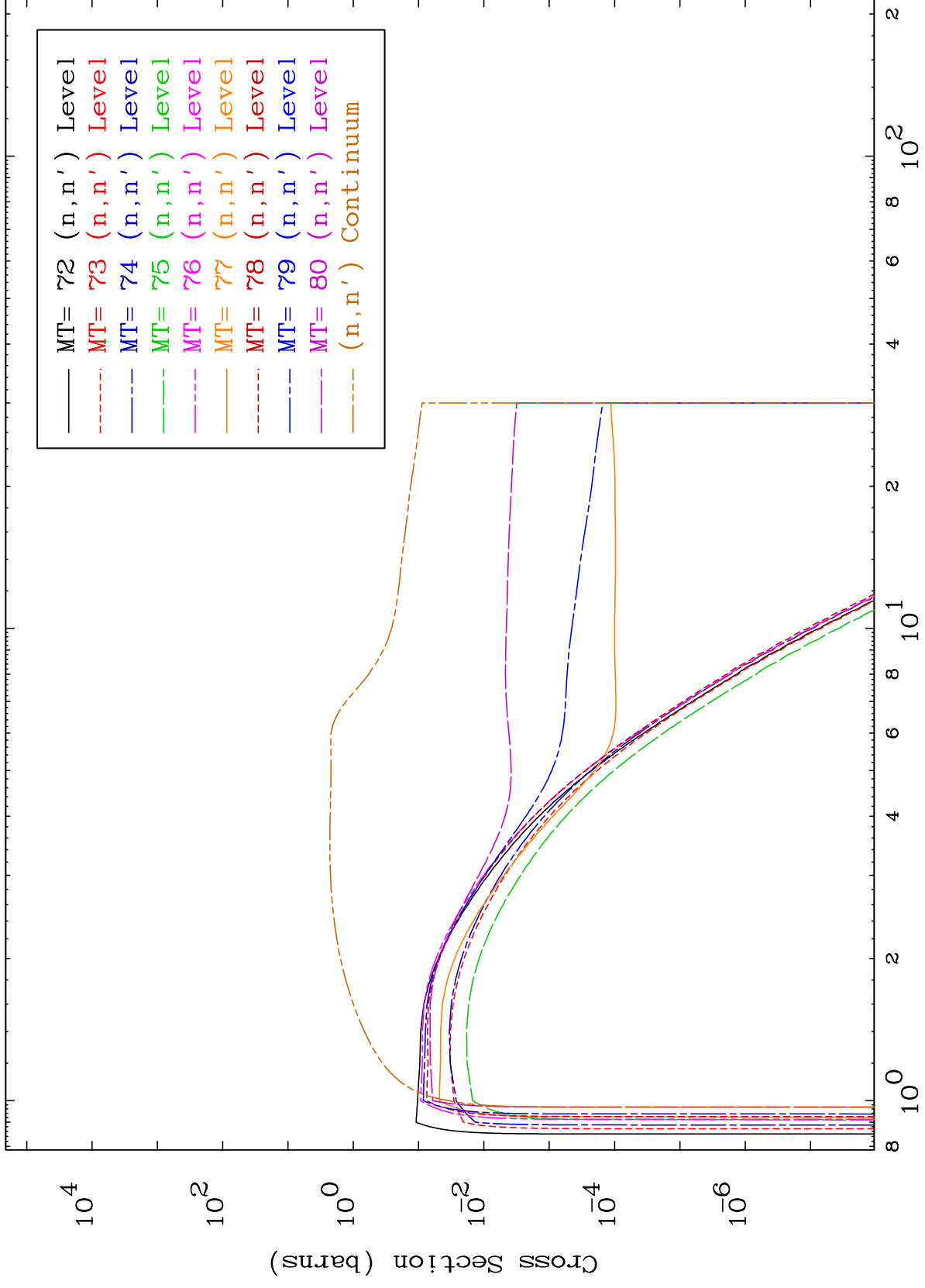
62-Sm-155

MAT 6258

(n,n') Level

62-Sm-155

293 Kelvin Cross Sections



Incident Energy (MeV)

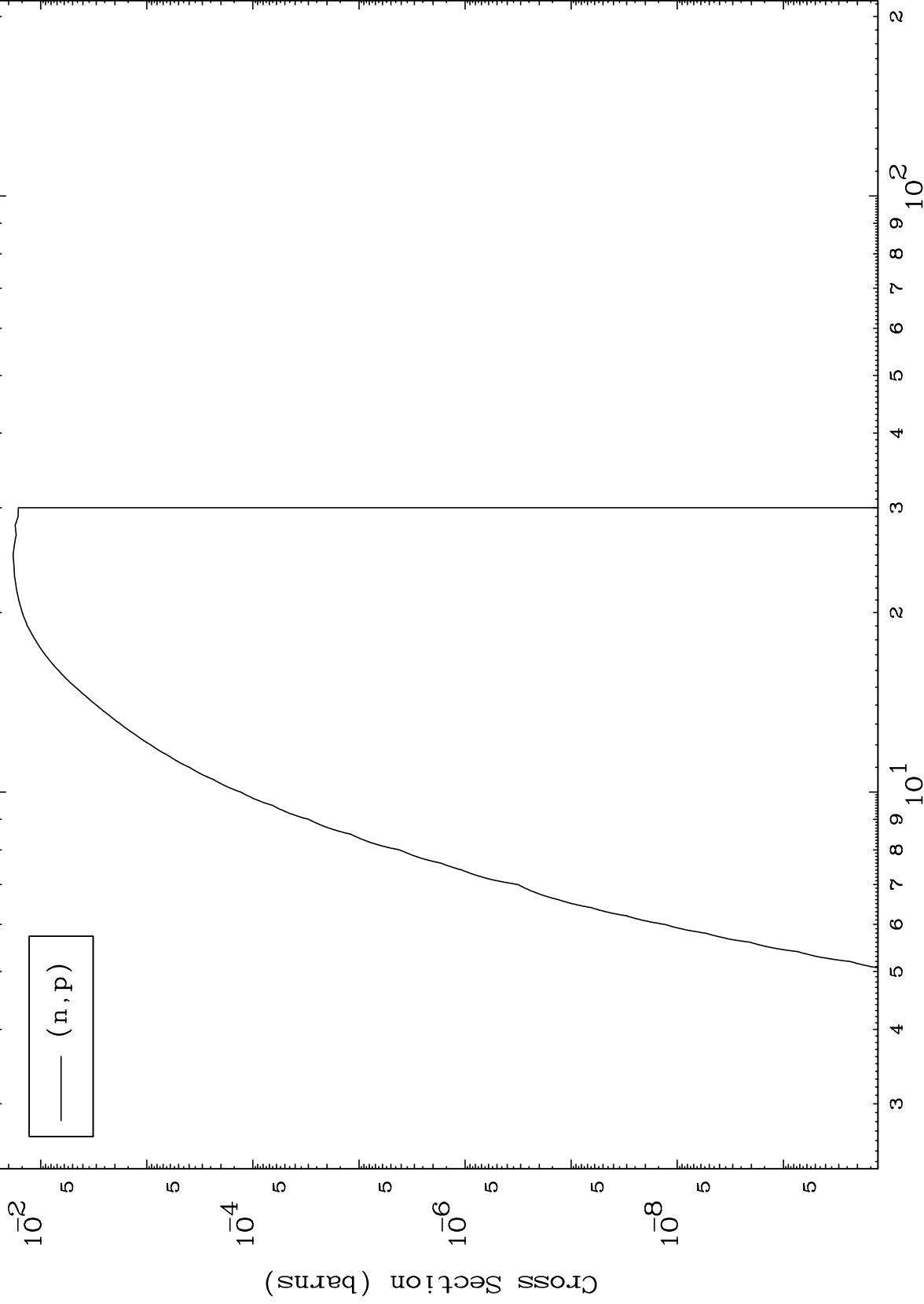
62-Sm-155

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MAT 6258

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-155



10

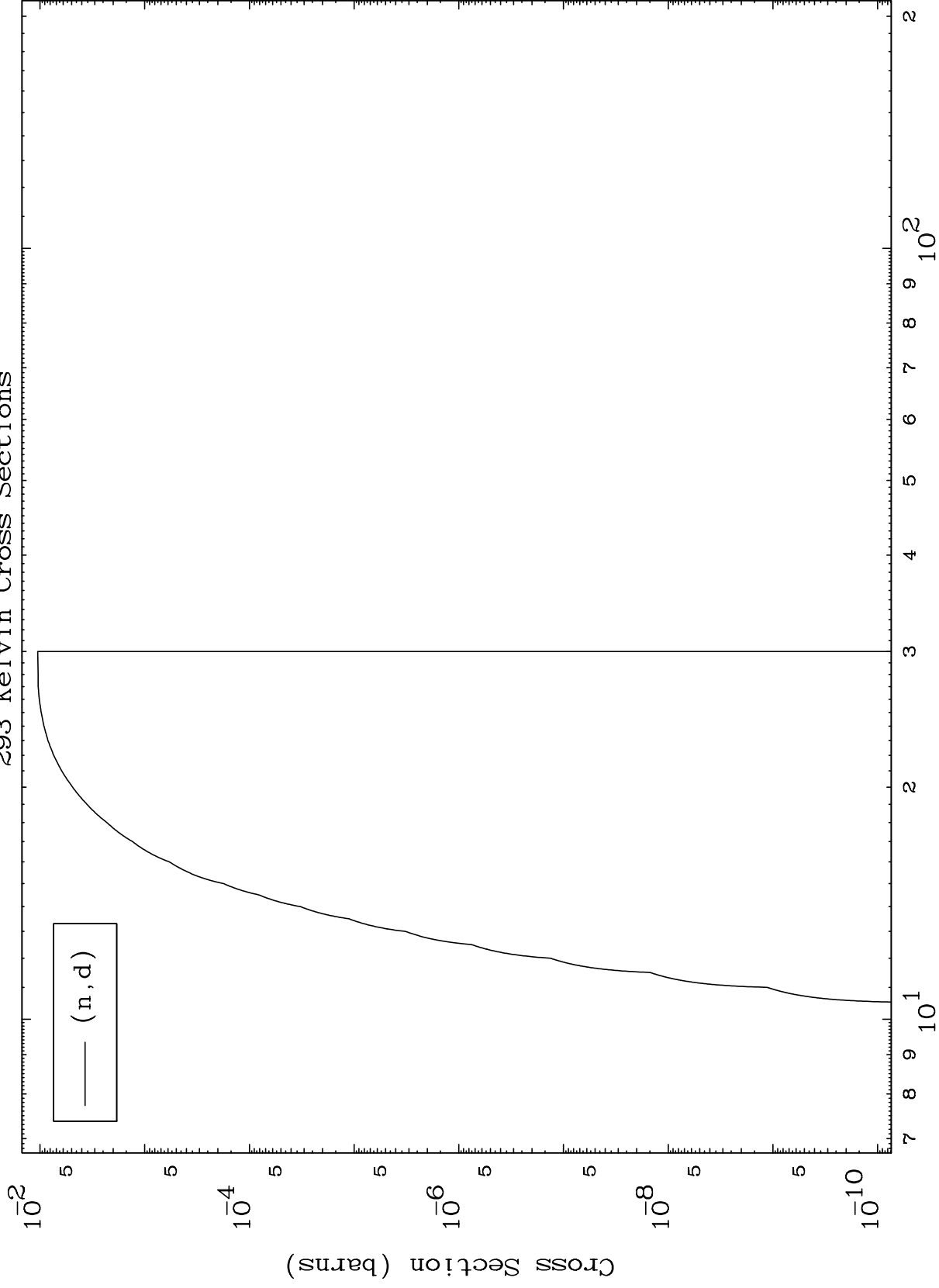
Incident Energy (MeV)

62-Sm-155

MAT 6258

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-155



11

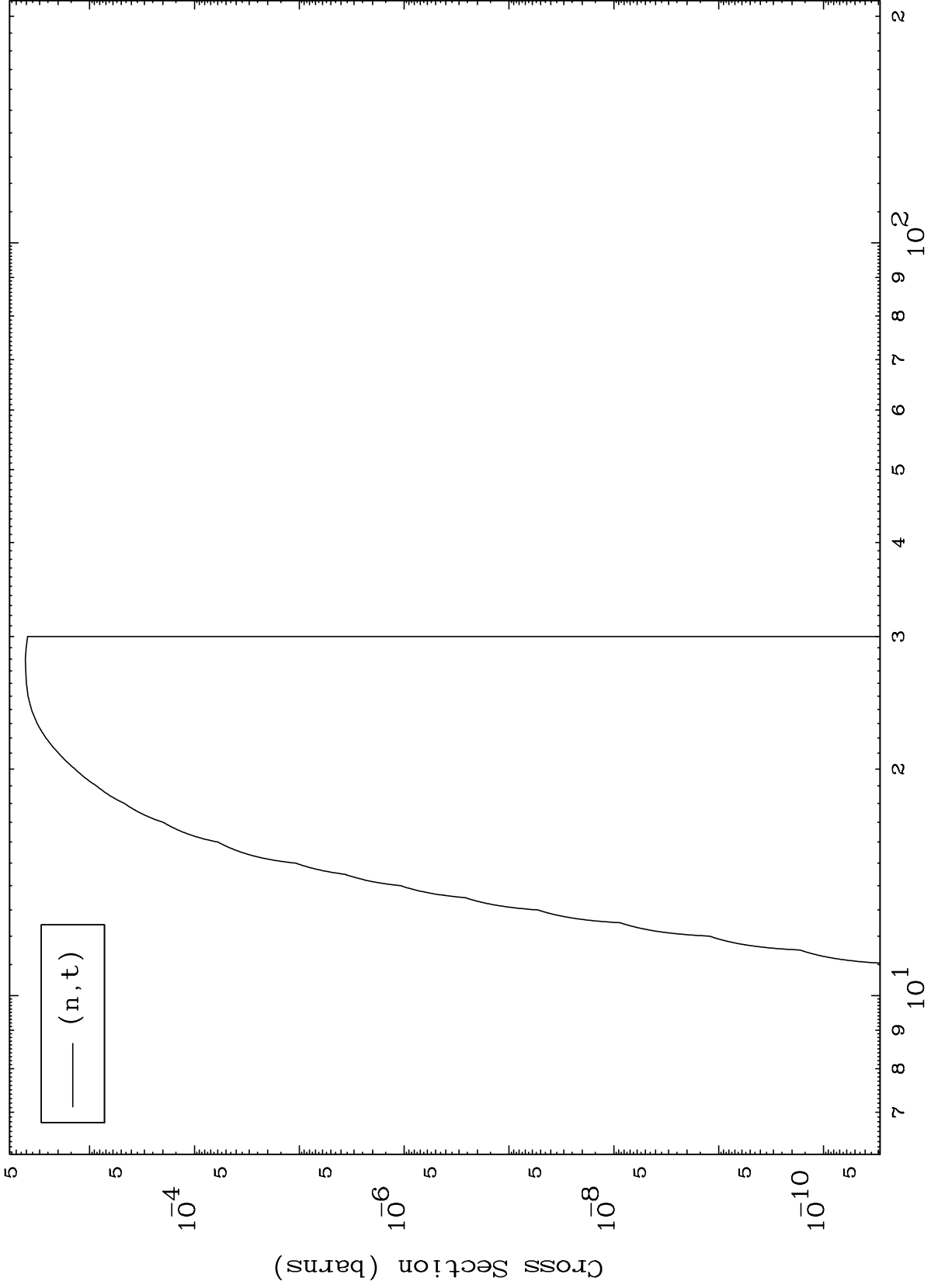
Incident Energy (MeV)

62-Sm-155

MAT 6258

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-155



12

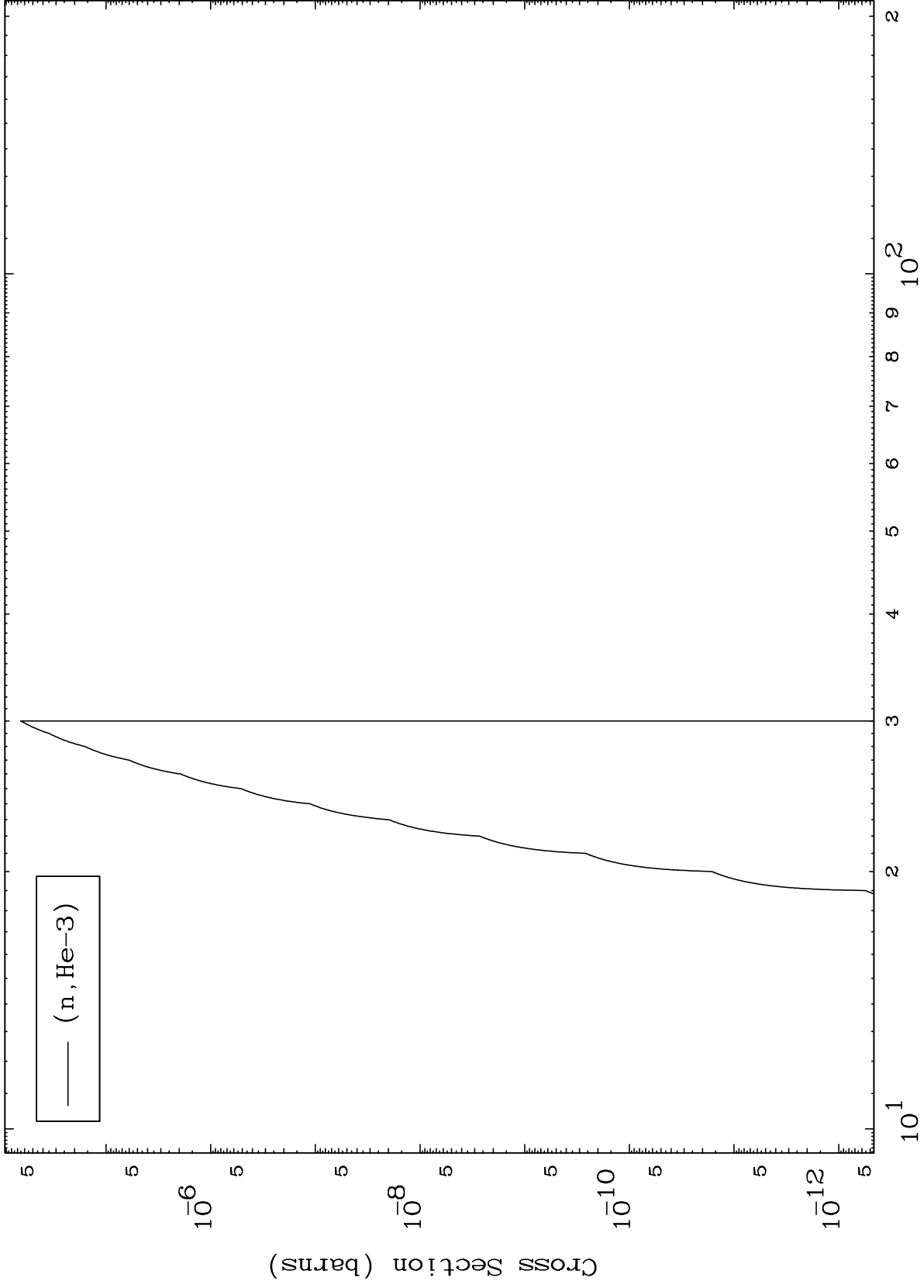
Incident Energy (MeV)

62-Sm-155

MAT 6258

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-155



13

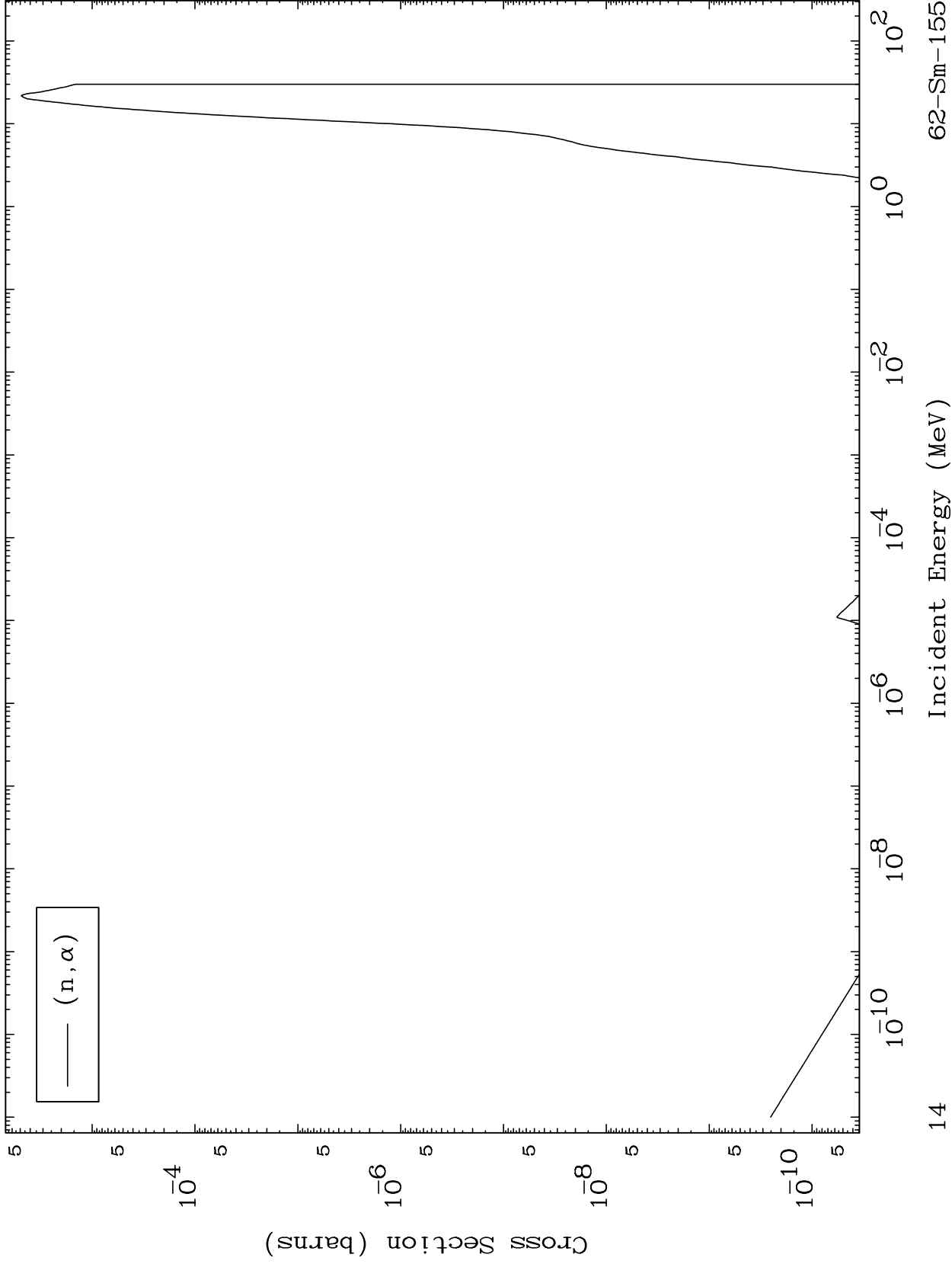
Incident Energy (MeV)

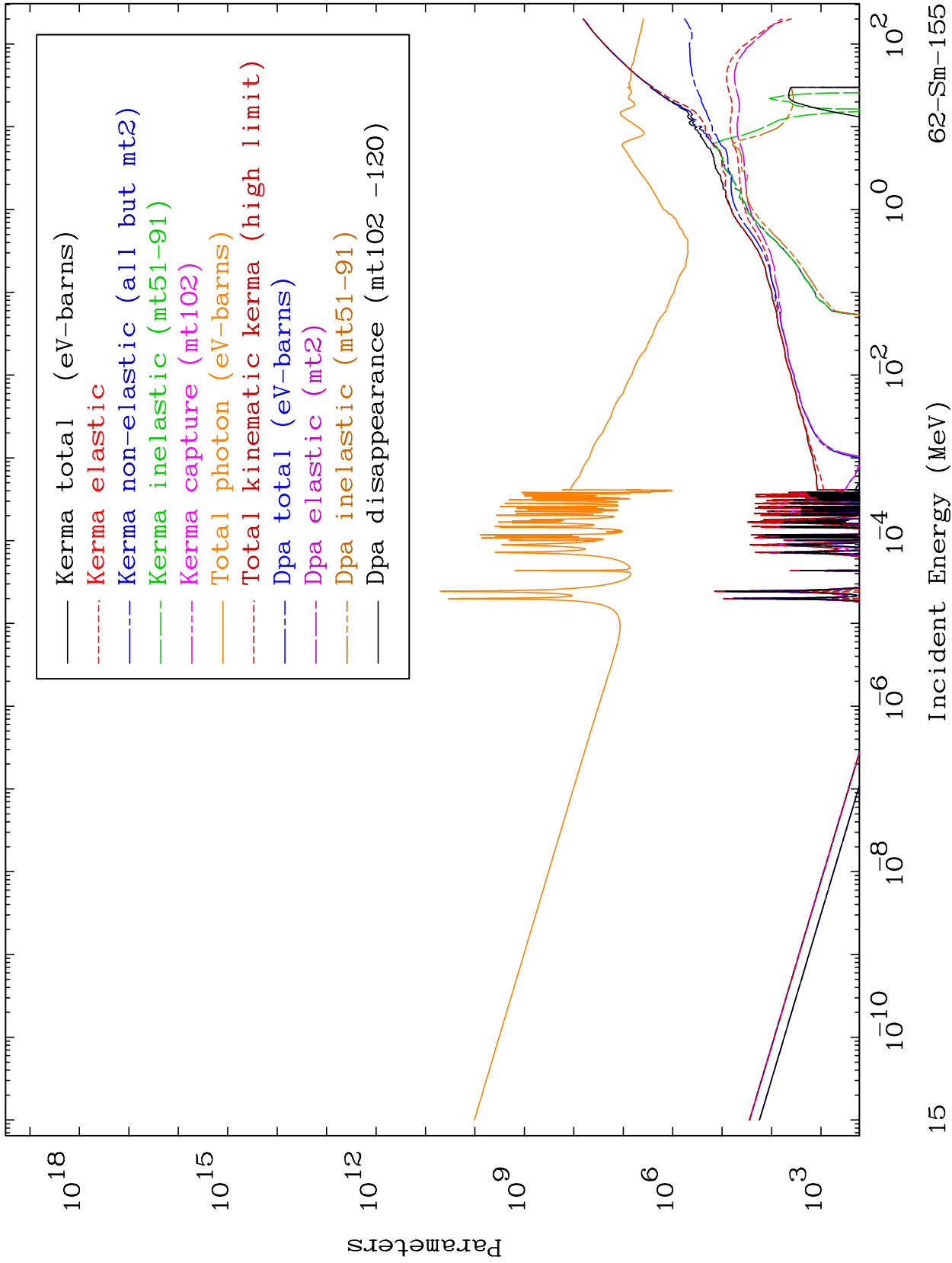
62-Sm-155

MAT 6258

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-155

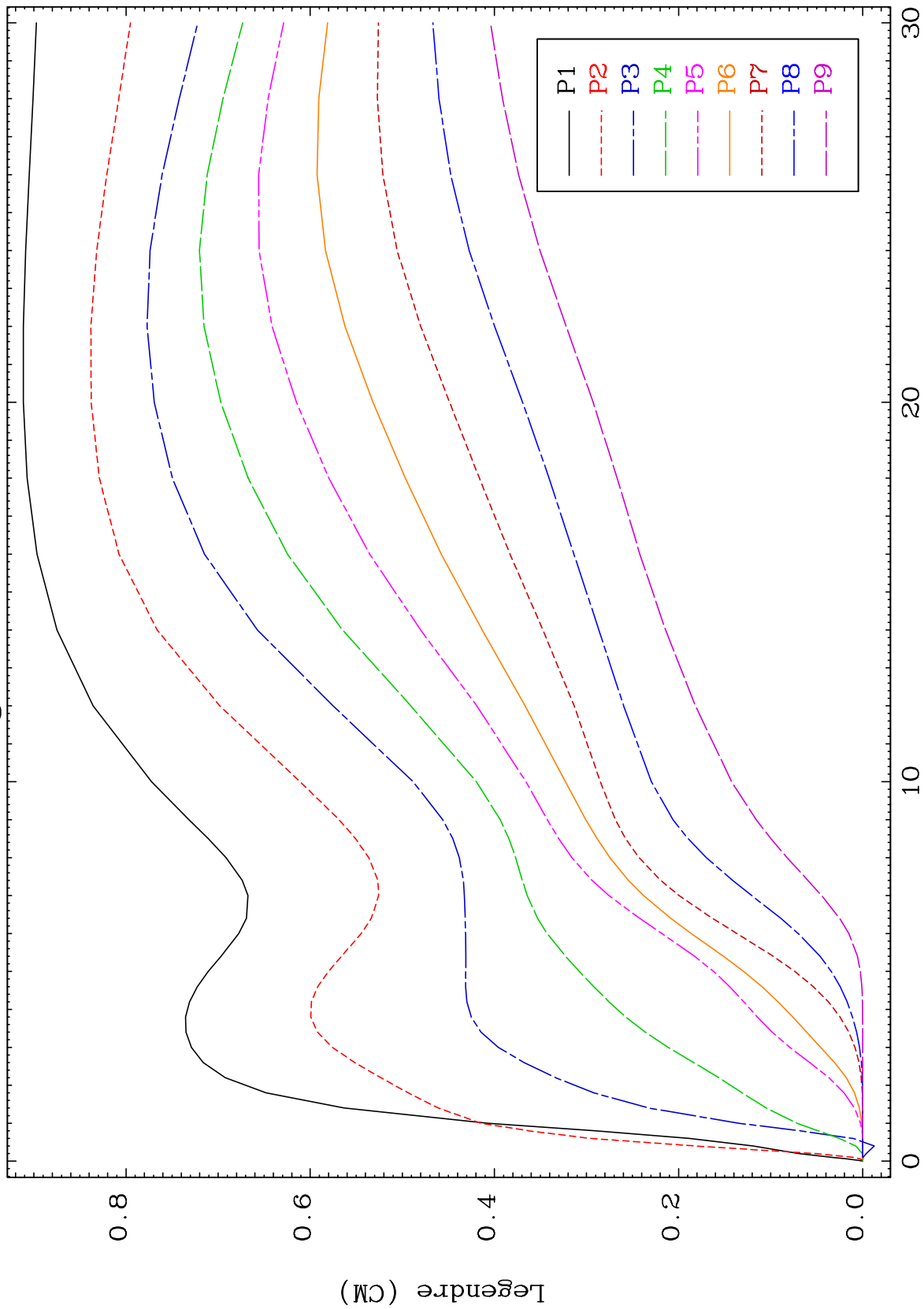




MAT 6258

Elastic Legendre Coefficients

62-Sm-155



16

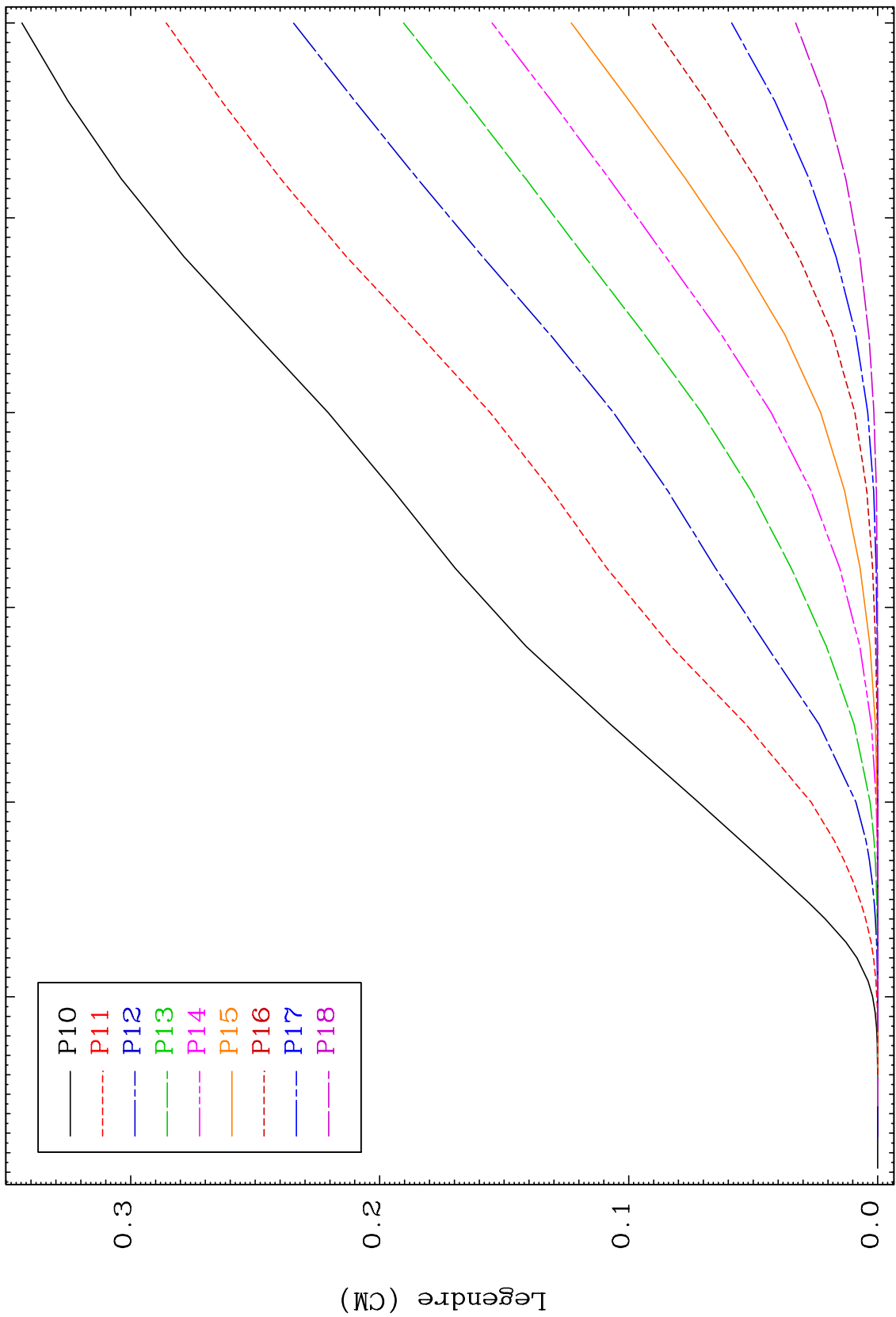
Incident Energy (MeV)

62-Sm-155

MAT 6258

Elastic Legendre Coefficients

62-Sm-155



17

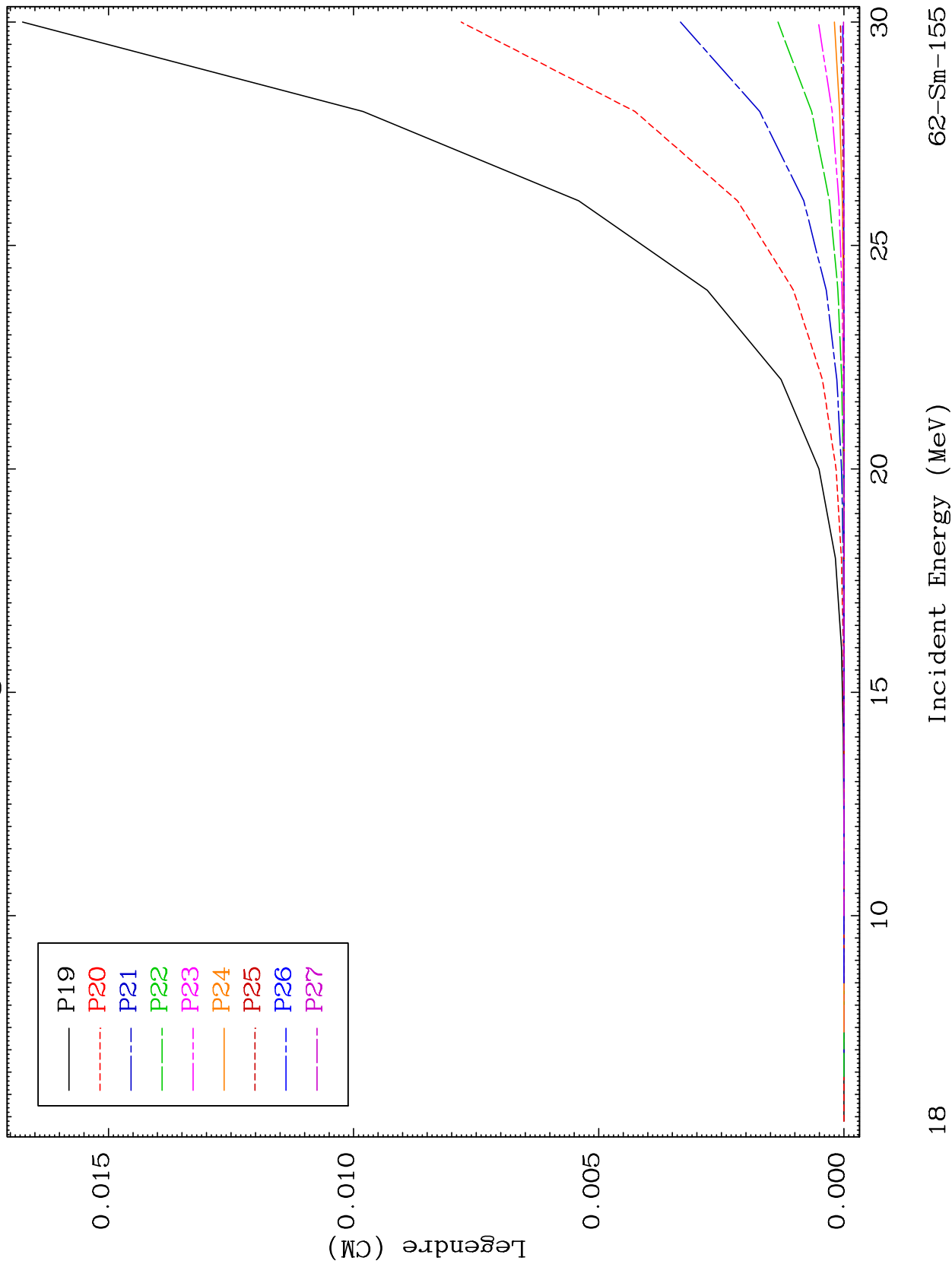
Incident Energy (MeV)

62-Sm-155

MAT 6258

Elastic Legendre Coefficients

62-Sm-155



18

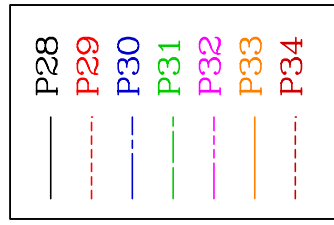
Incident Energy (MeV)

62-Sm-155

MAT 6258

Elastic Legendre Coefficients

62-Sm-155



$\times 10^{-6}$

Legendre (CM)

10

15

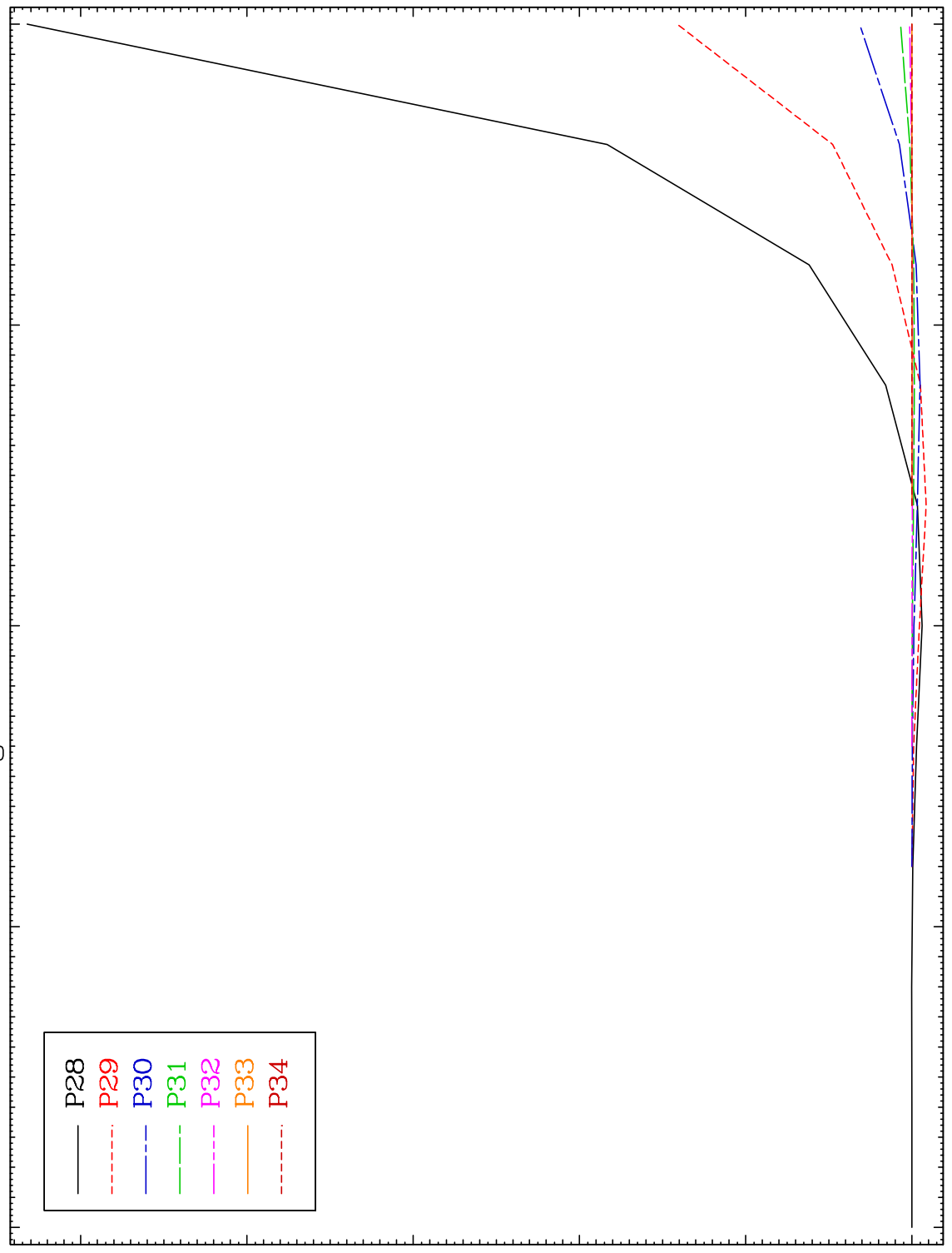
20

25

30

Incident Energy (MeV)

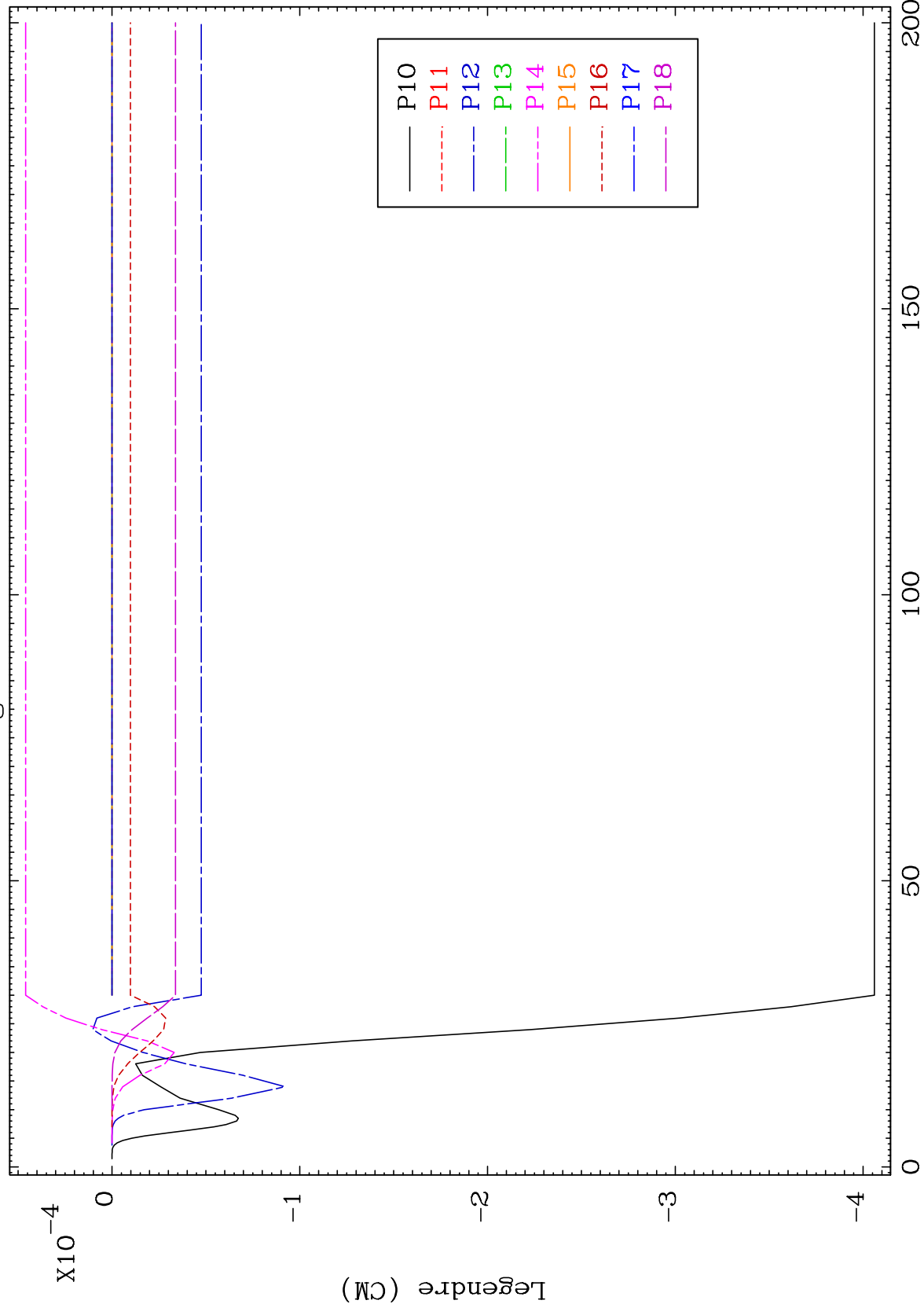
62-Sm-155



MAT 6258

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

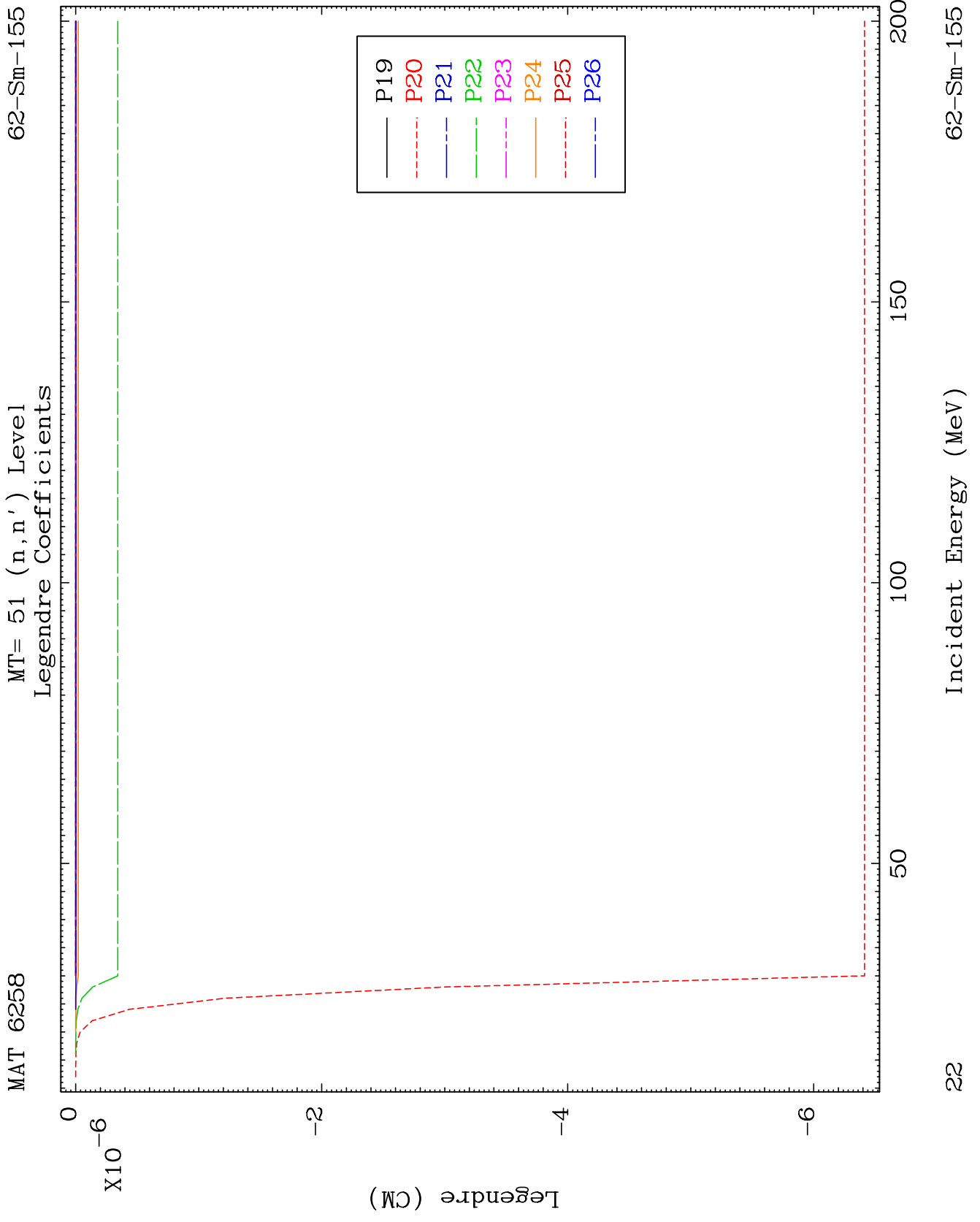
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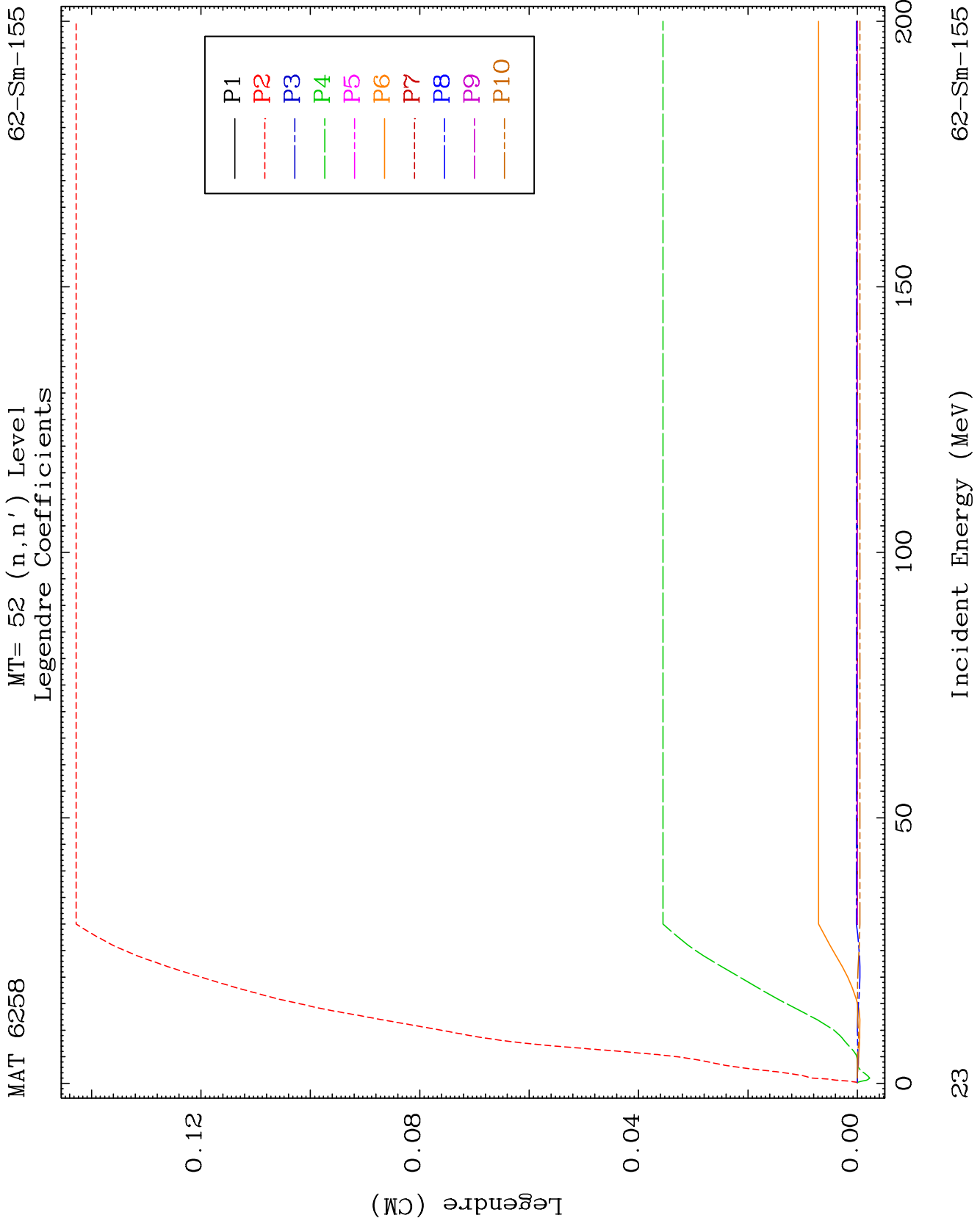


21

Incident Energy (MeV)

62-Sm-155

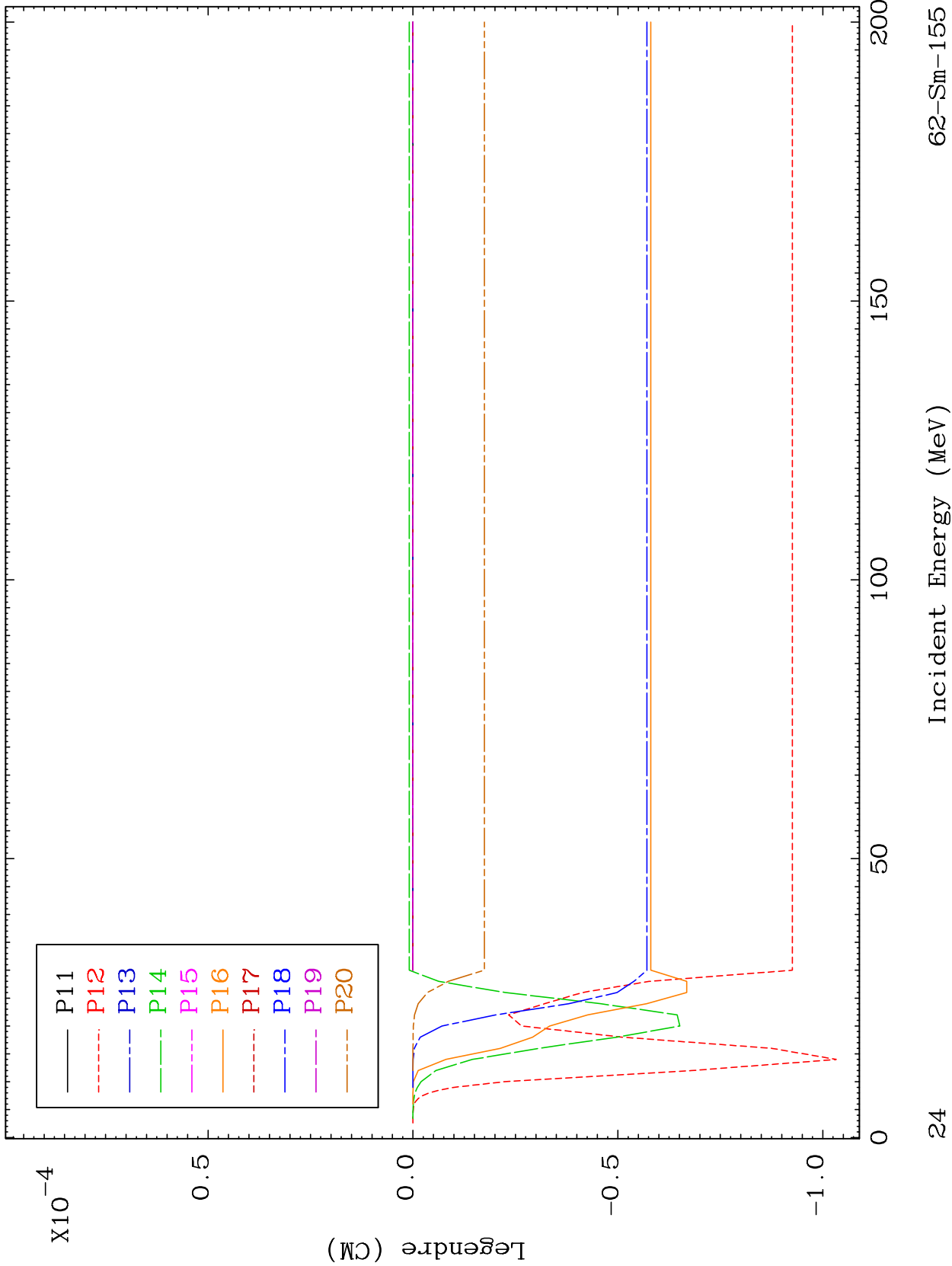




MAT 6258

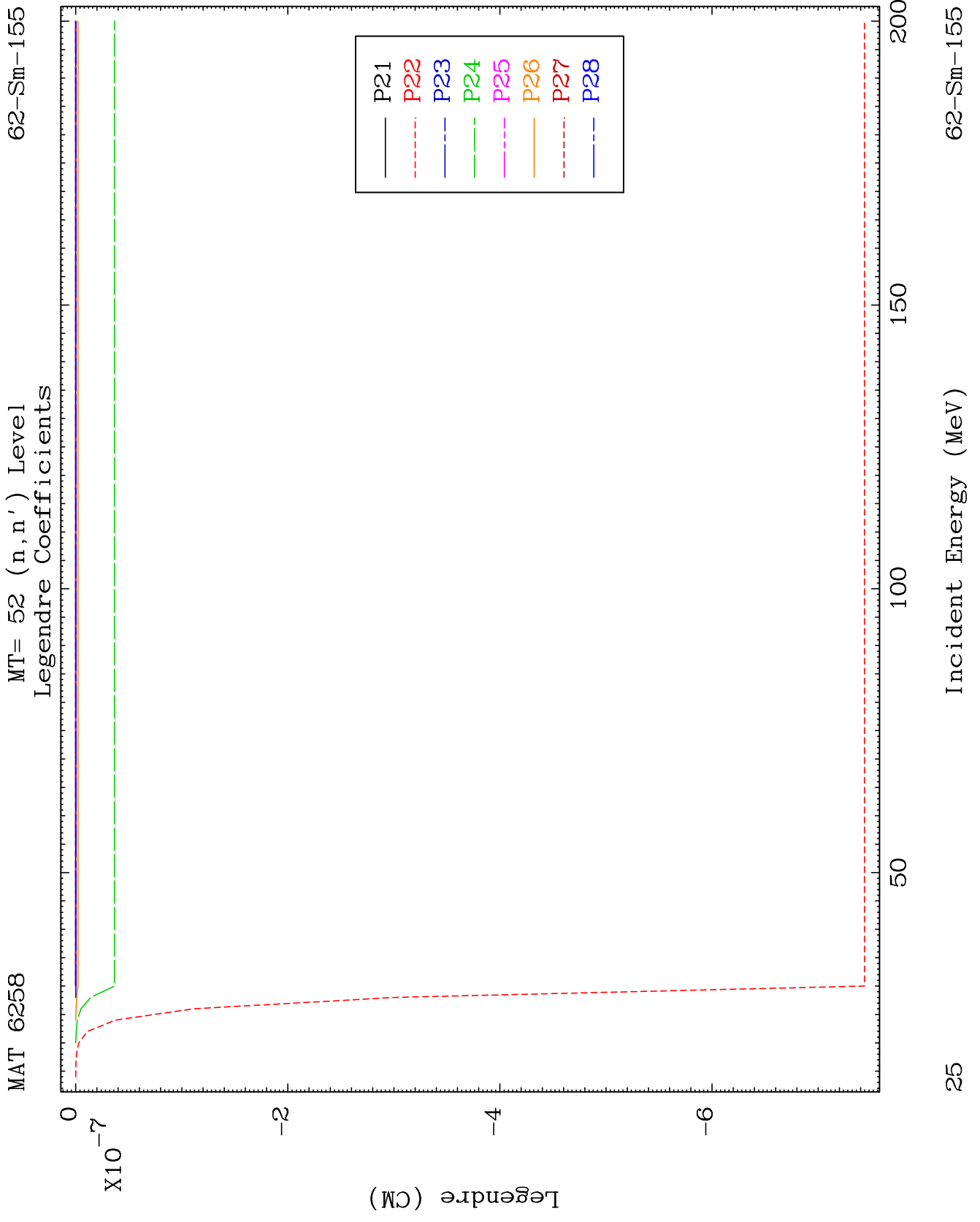
MT= 52 (n,n') Level
Legendre Coefficients

62-Sm-155



24

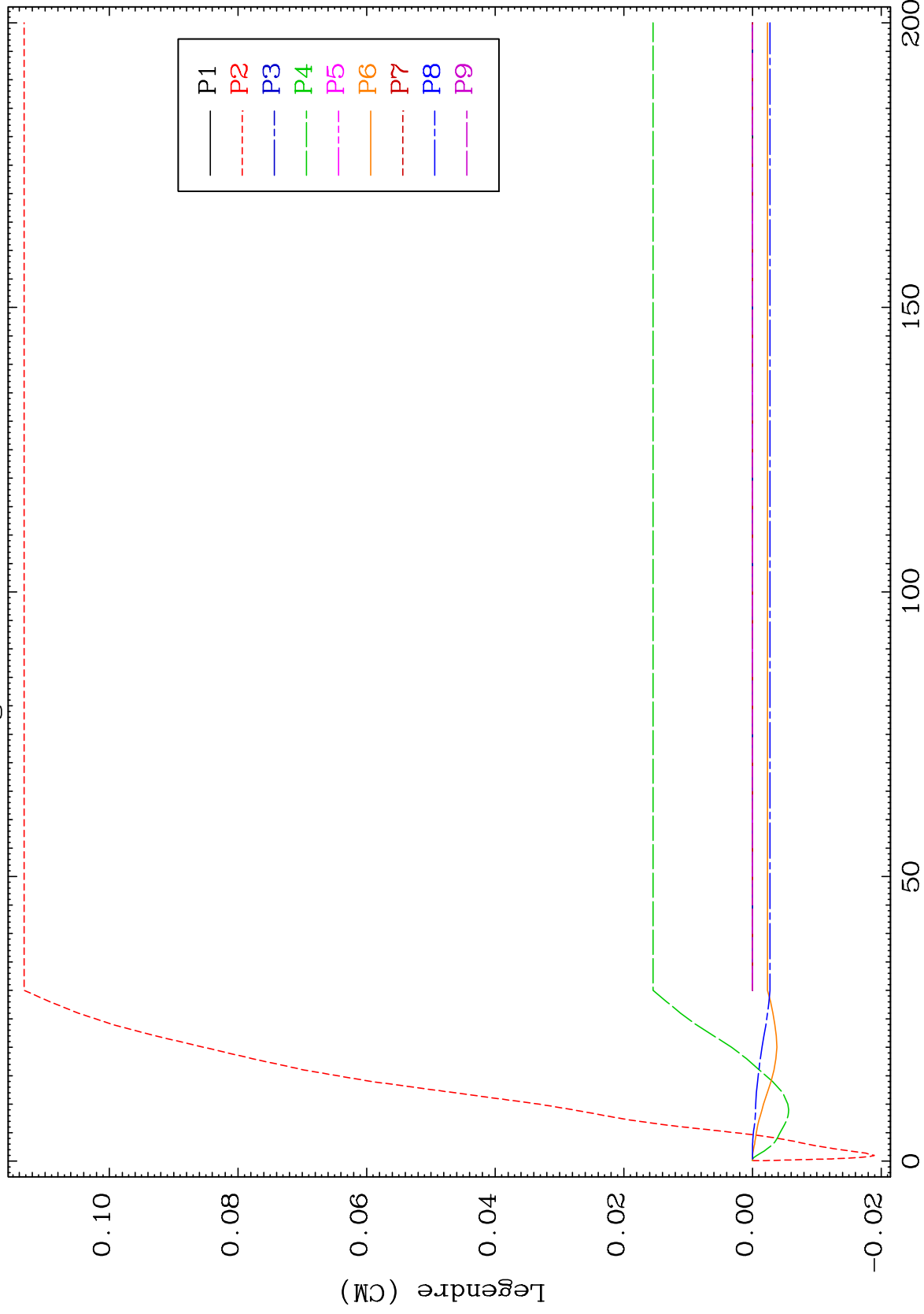
62-Sm-155



MAT 6258

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

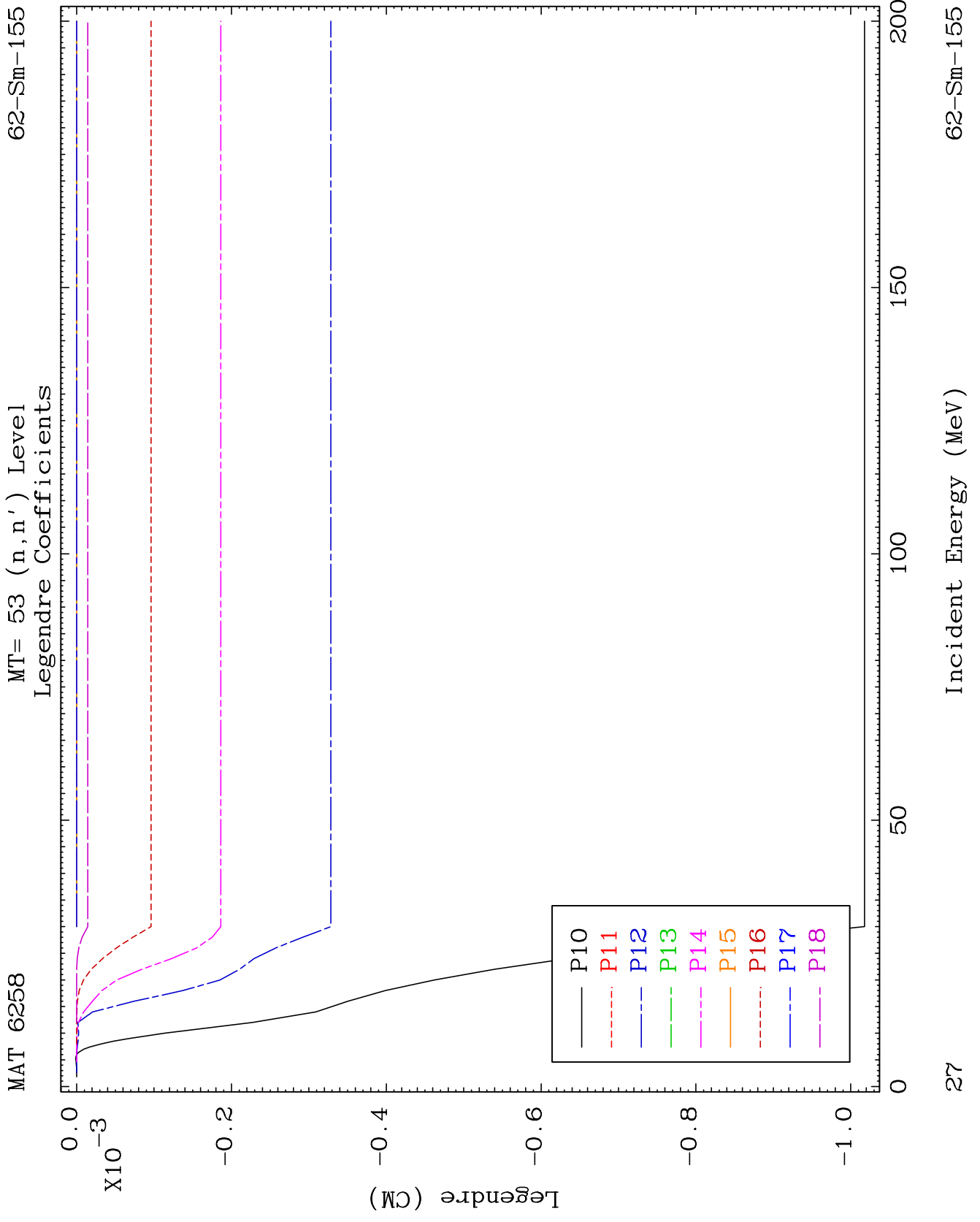
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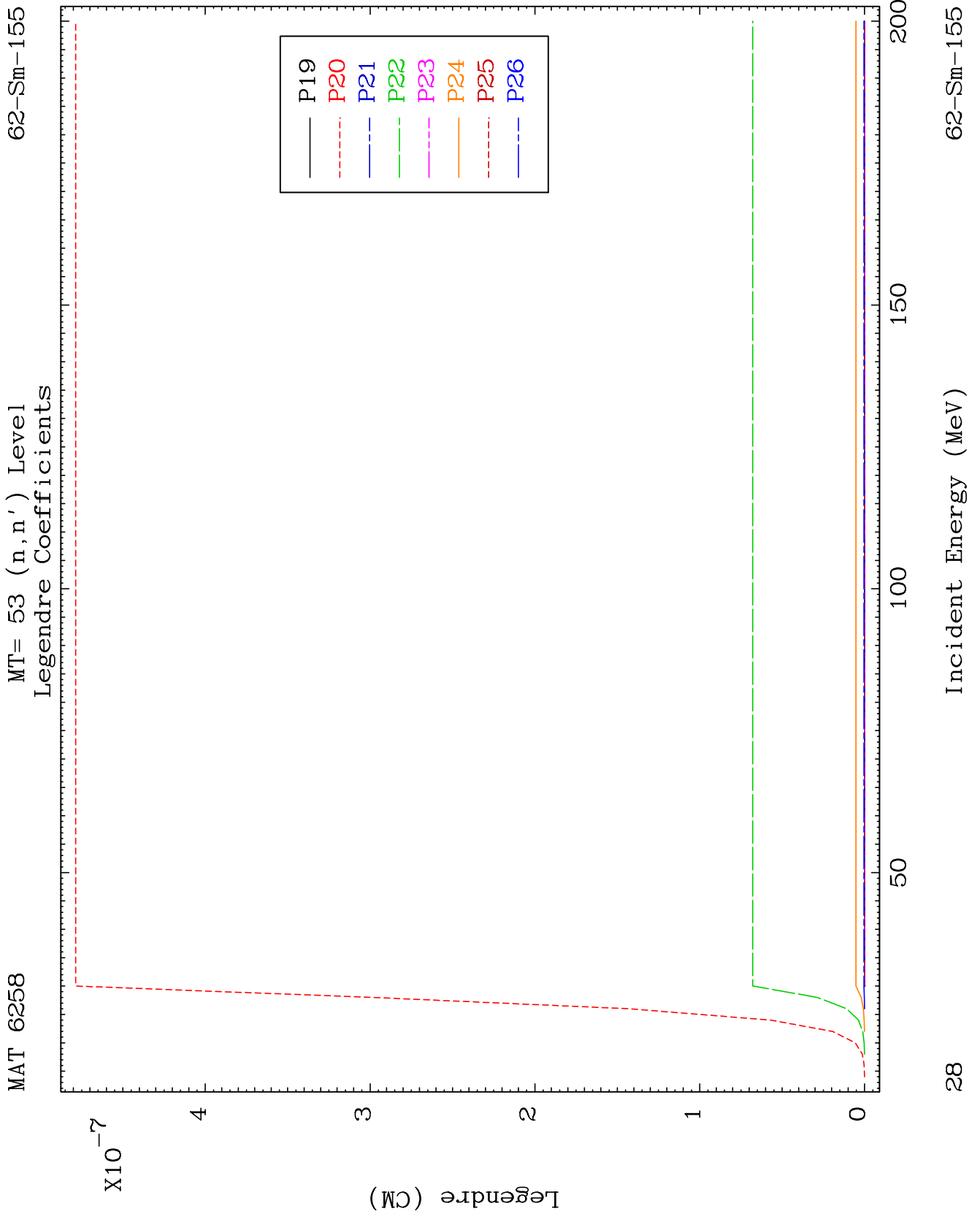


62-Sm-155

Incident Energy (MeV)

26

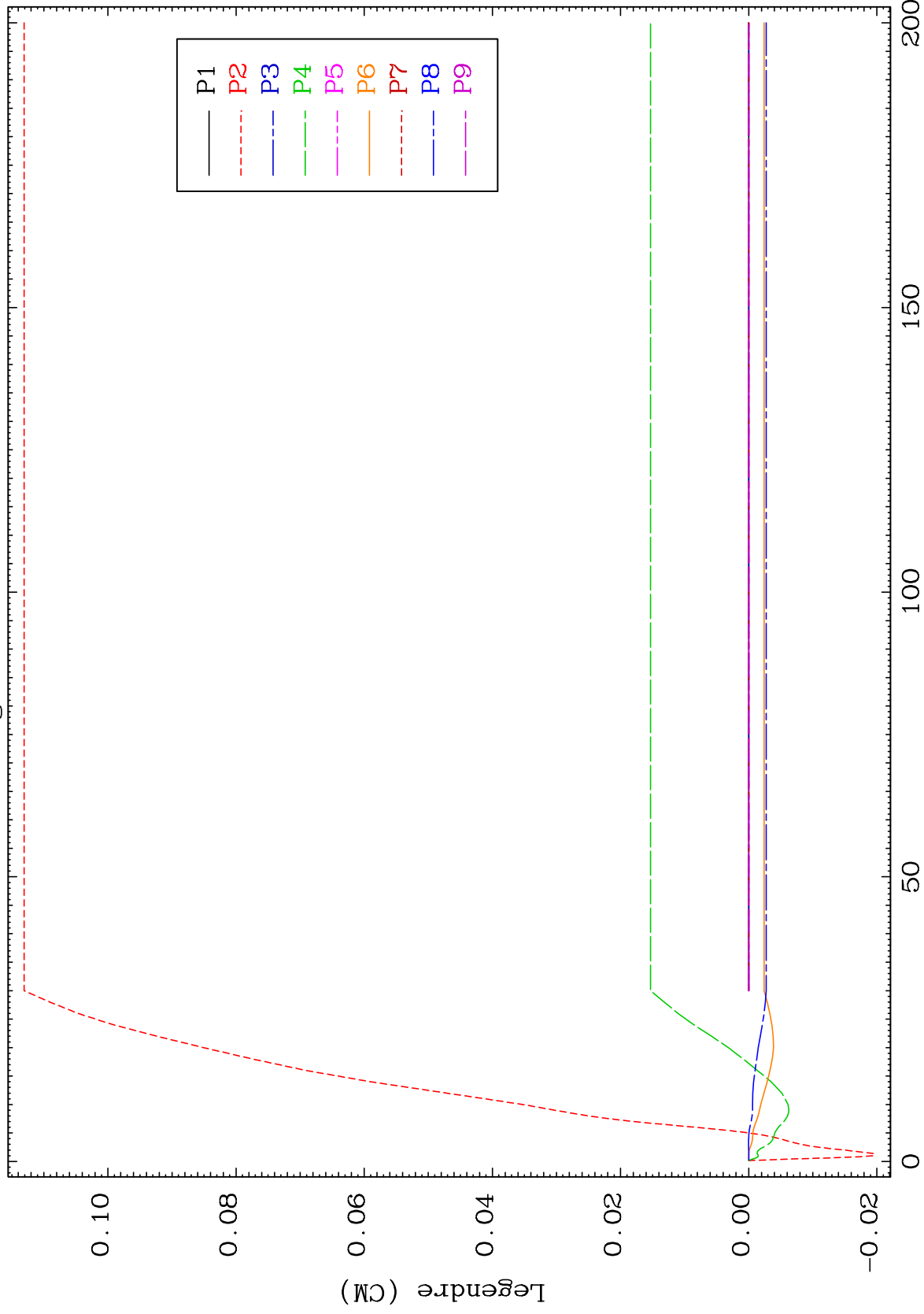




MAT 6258

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

62-Sm-155



29

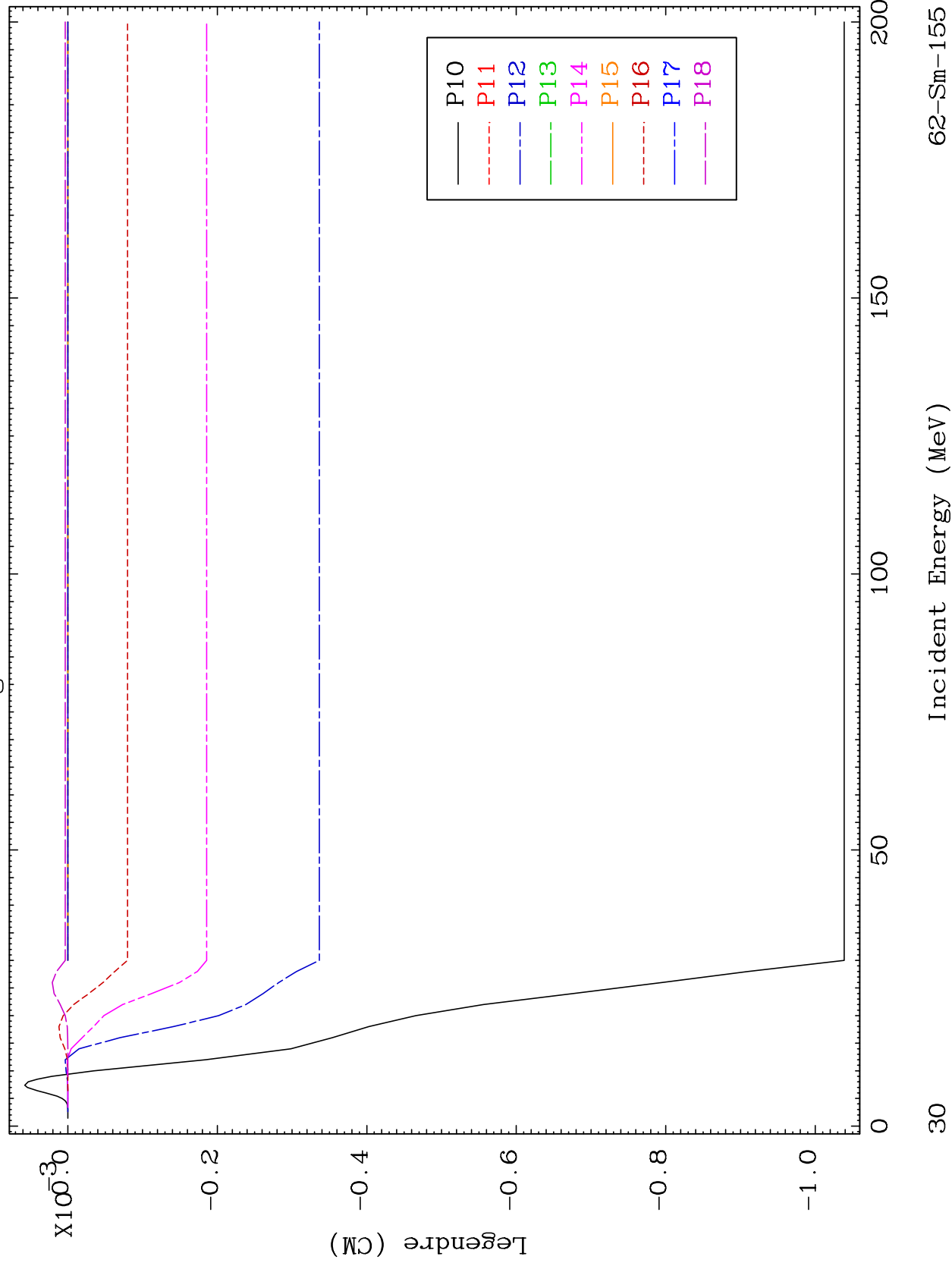
Incident Energy (MeV)

62-Sm-155

MAT 6258

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

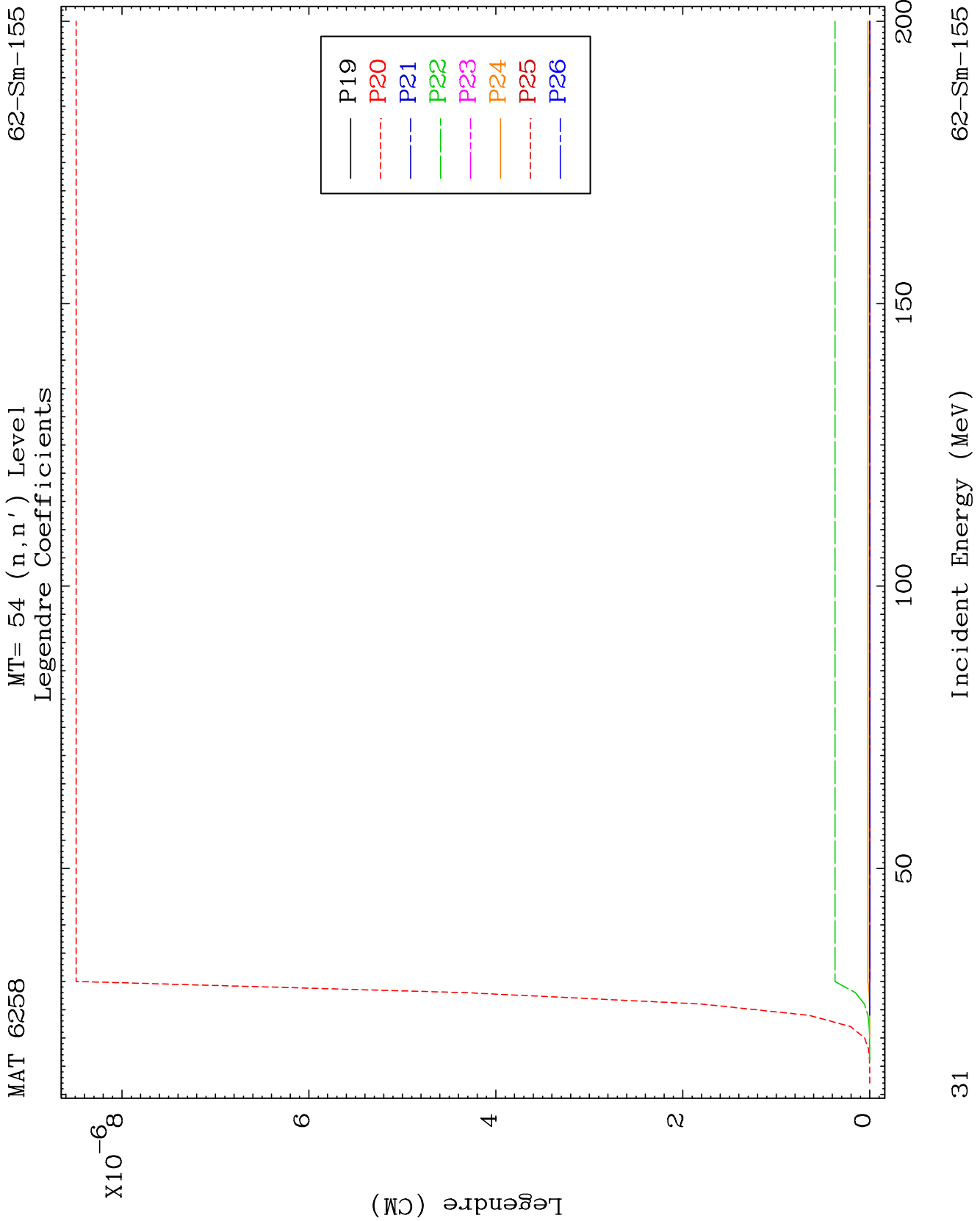
62-Sm-155

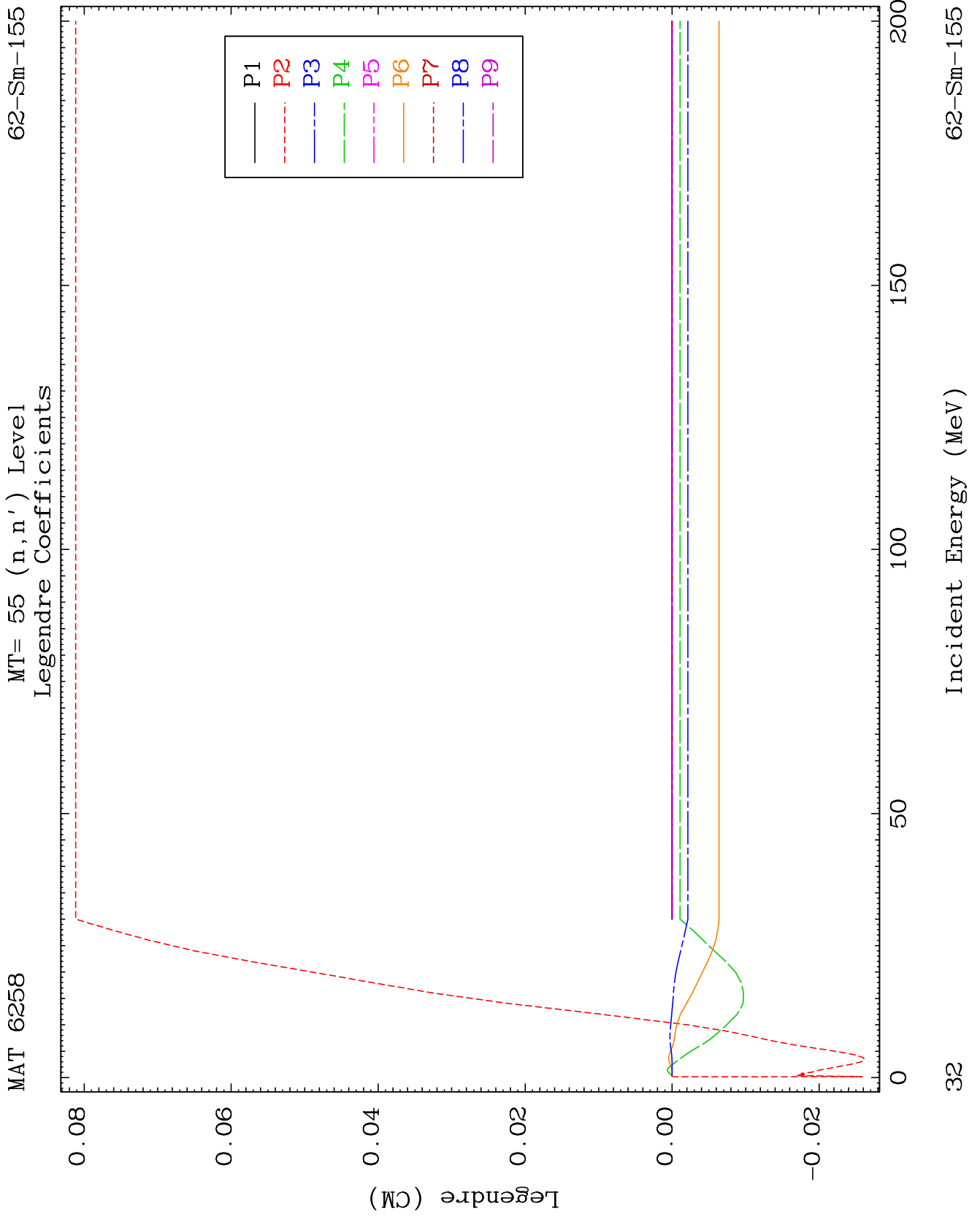


62-Sm-155

Incident Energy (MeV)

30

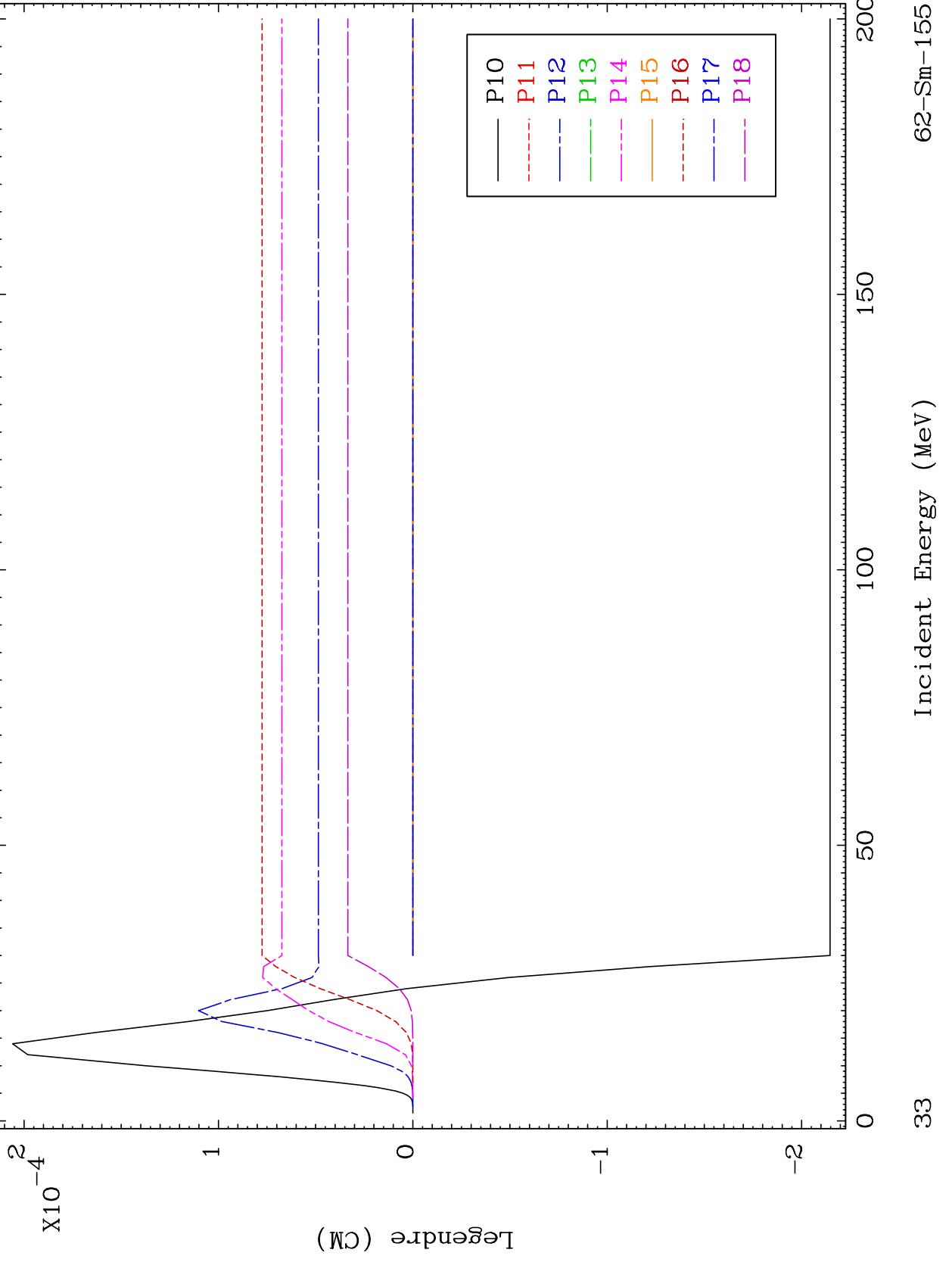




MAT 6258

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

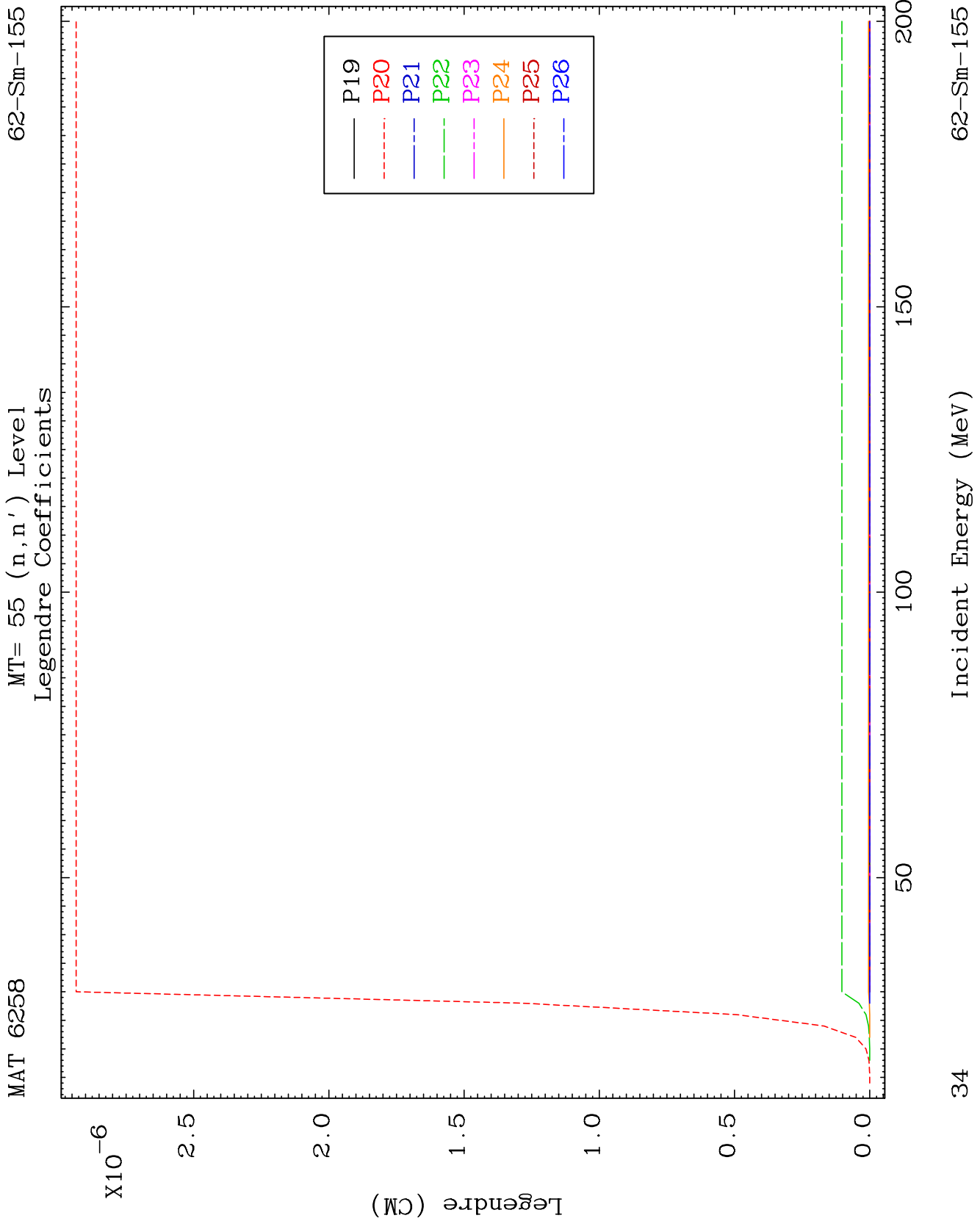
62-Sm-155



33

Incident Energy (MeV)

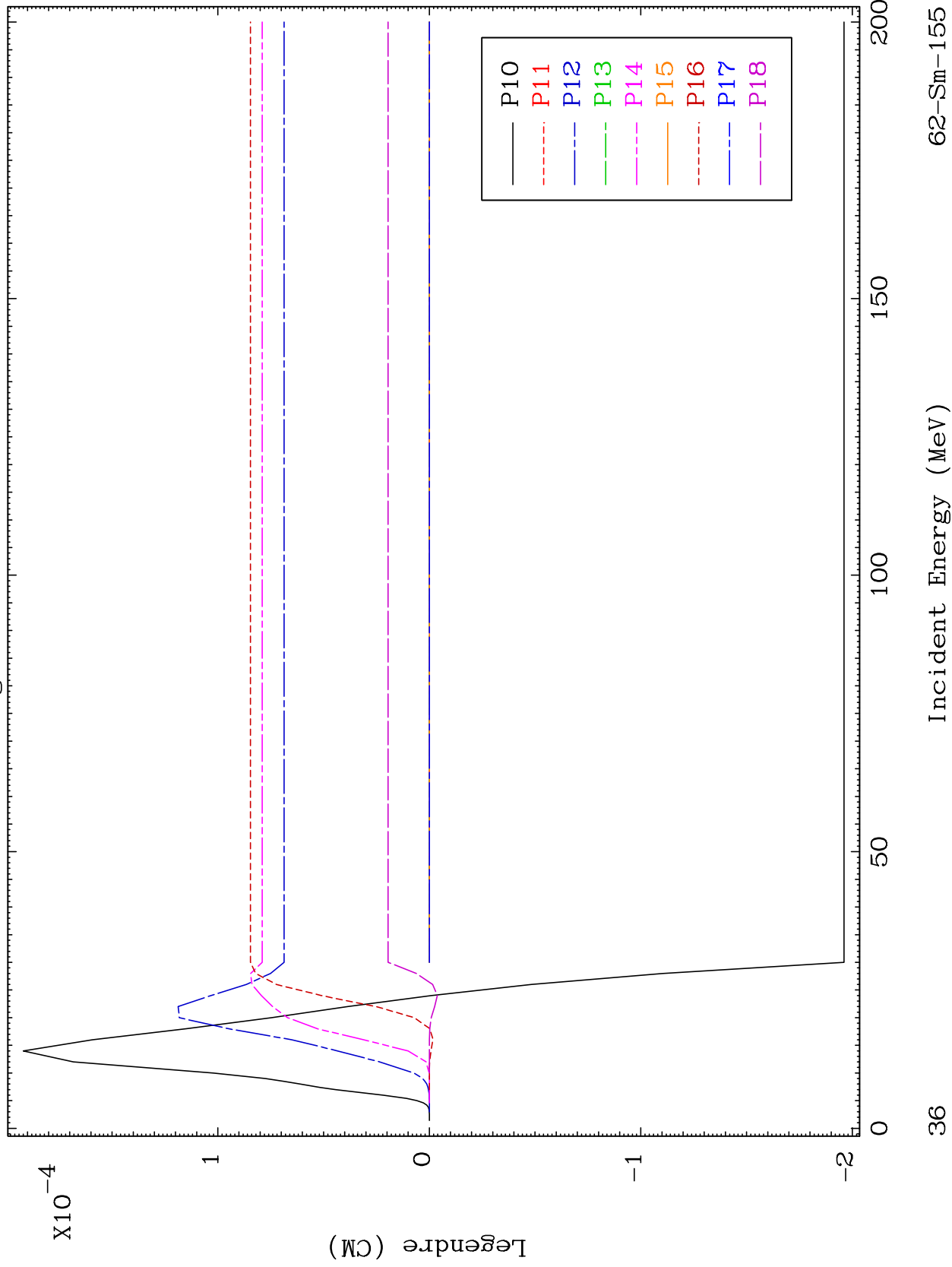
62-Sm-155

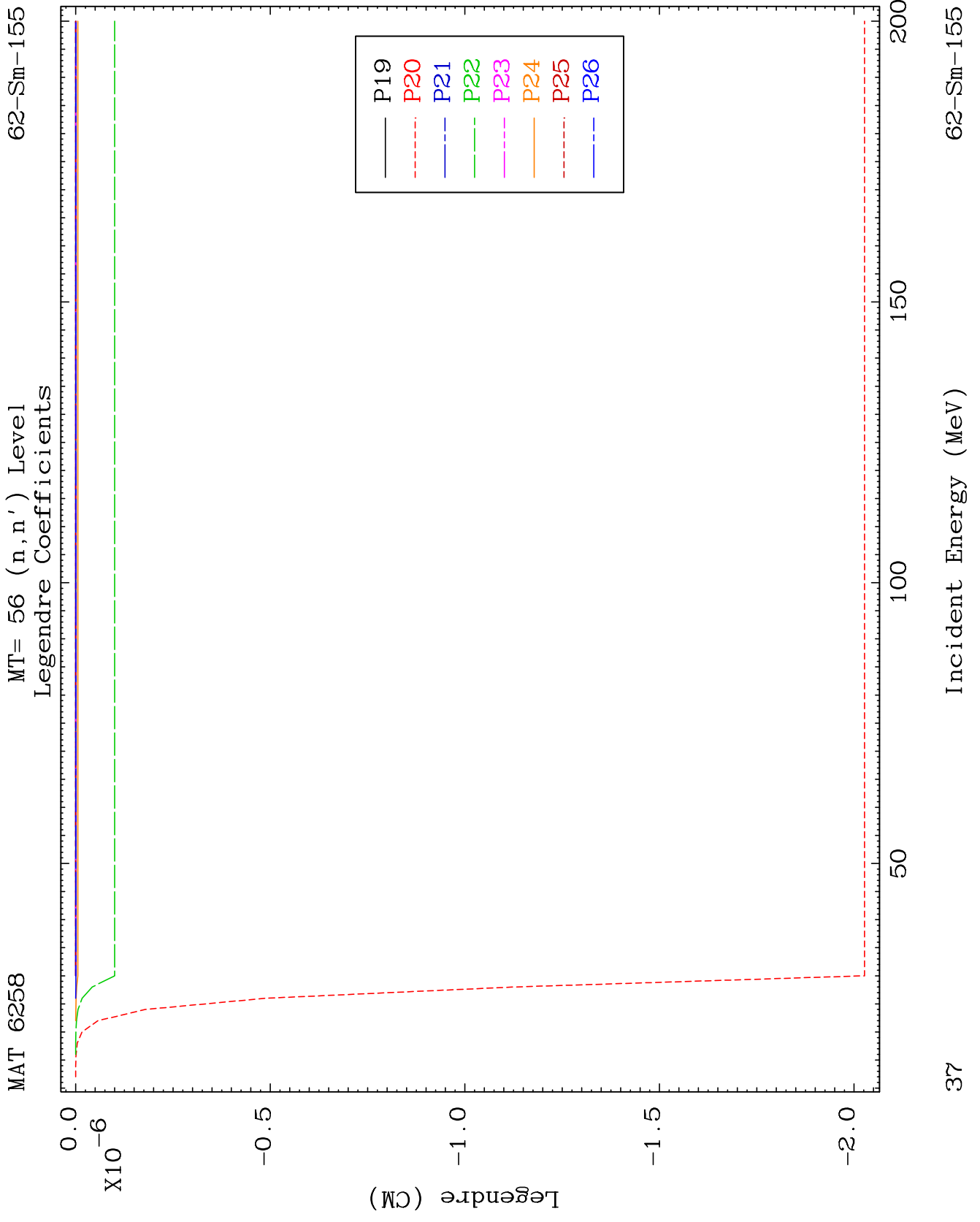


MAT 6258

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

62-Sm-155

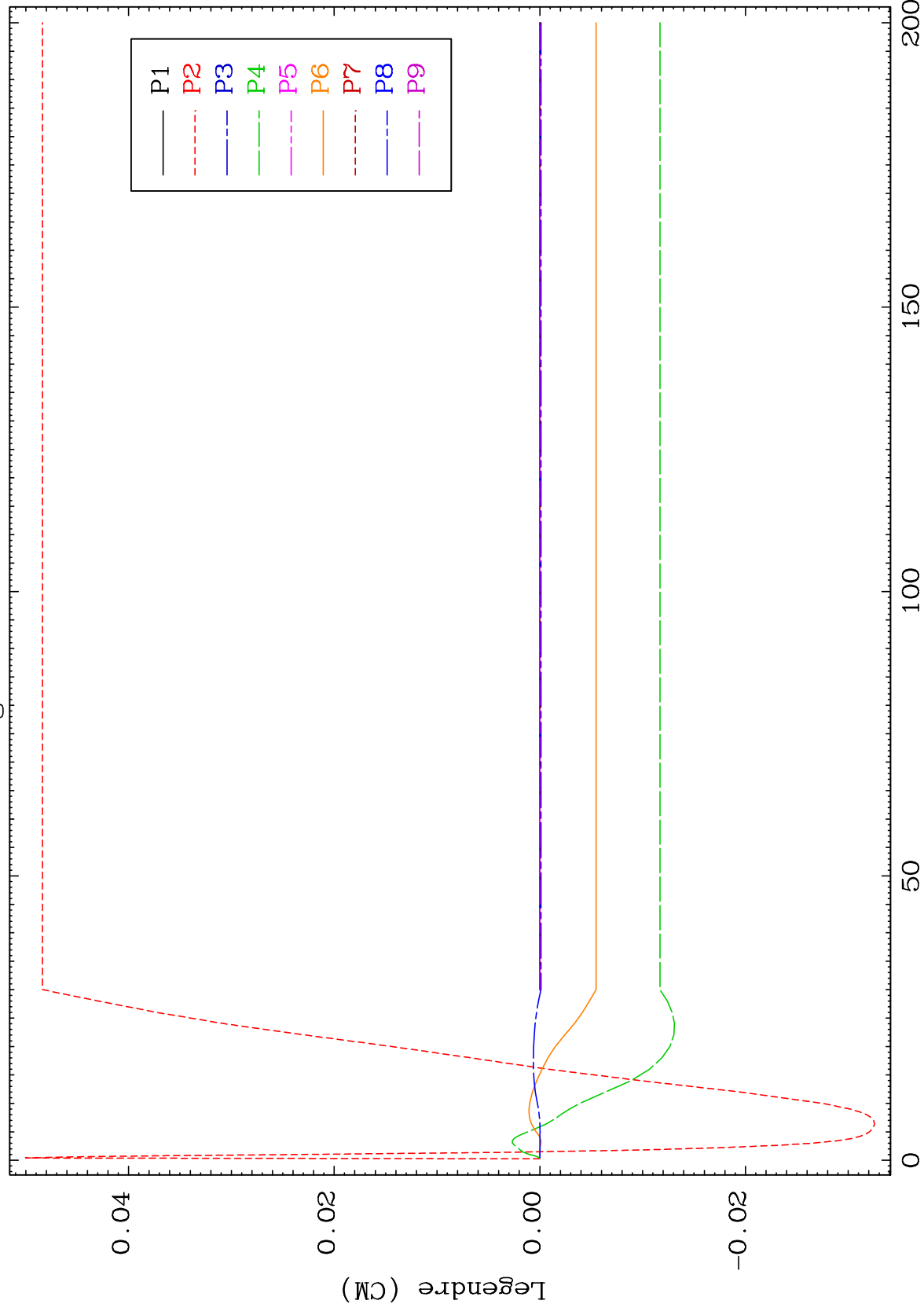




MAT 6258

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

62-Sm-155



62-Sm-155

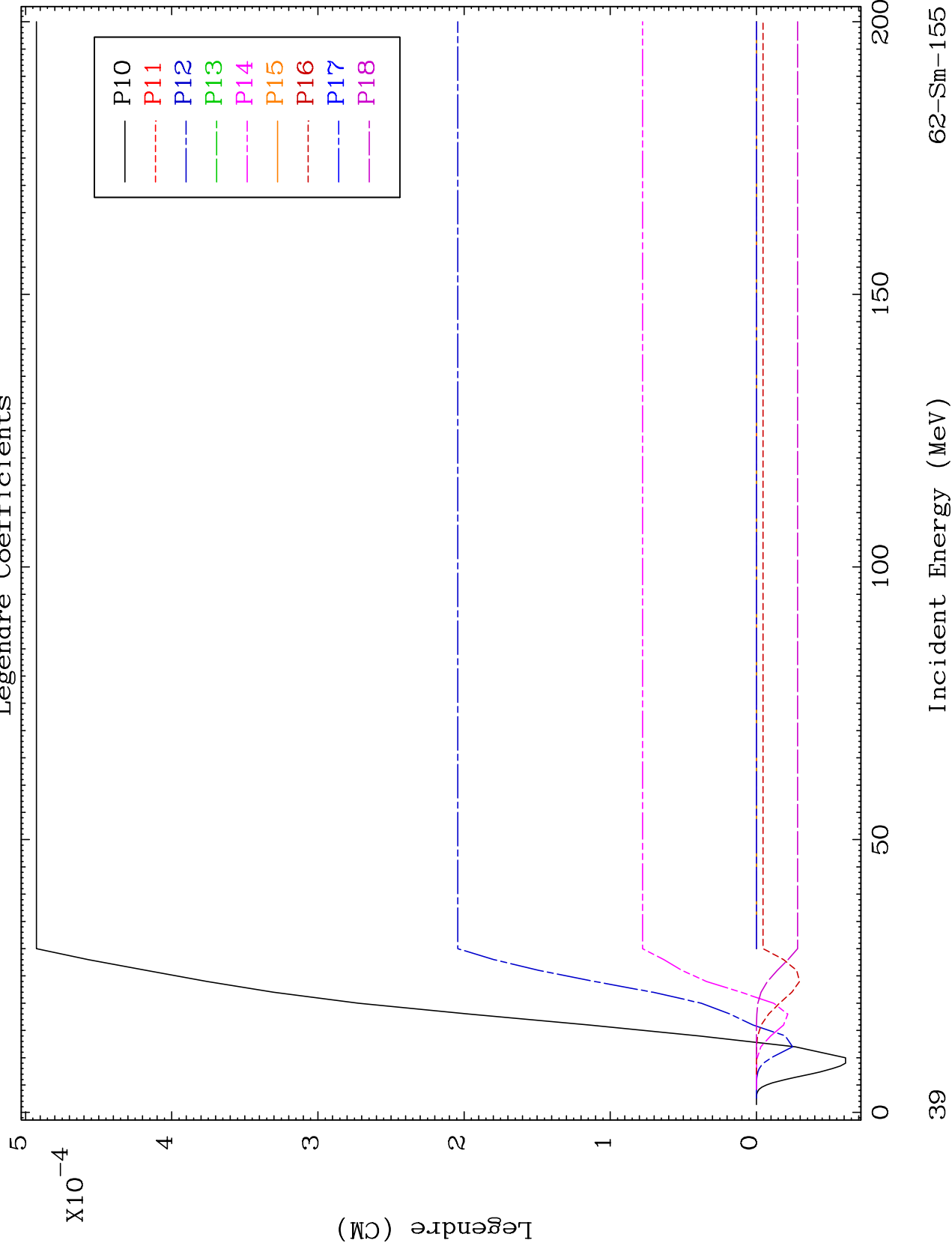
Incident Energy (MeV)

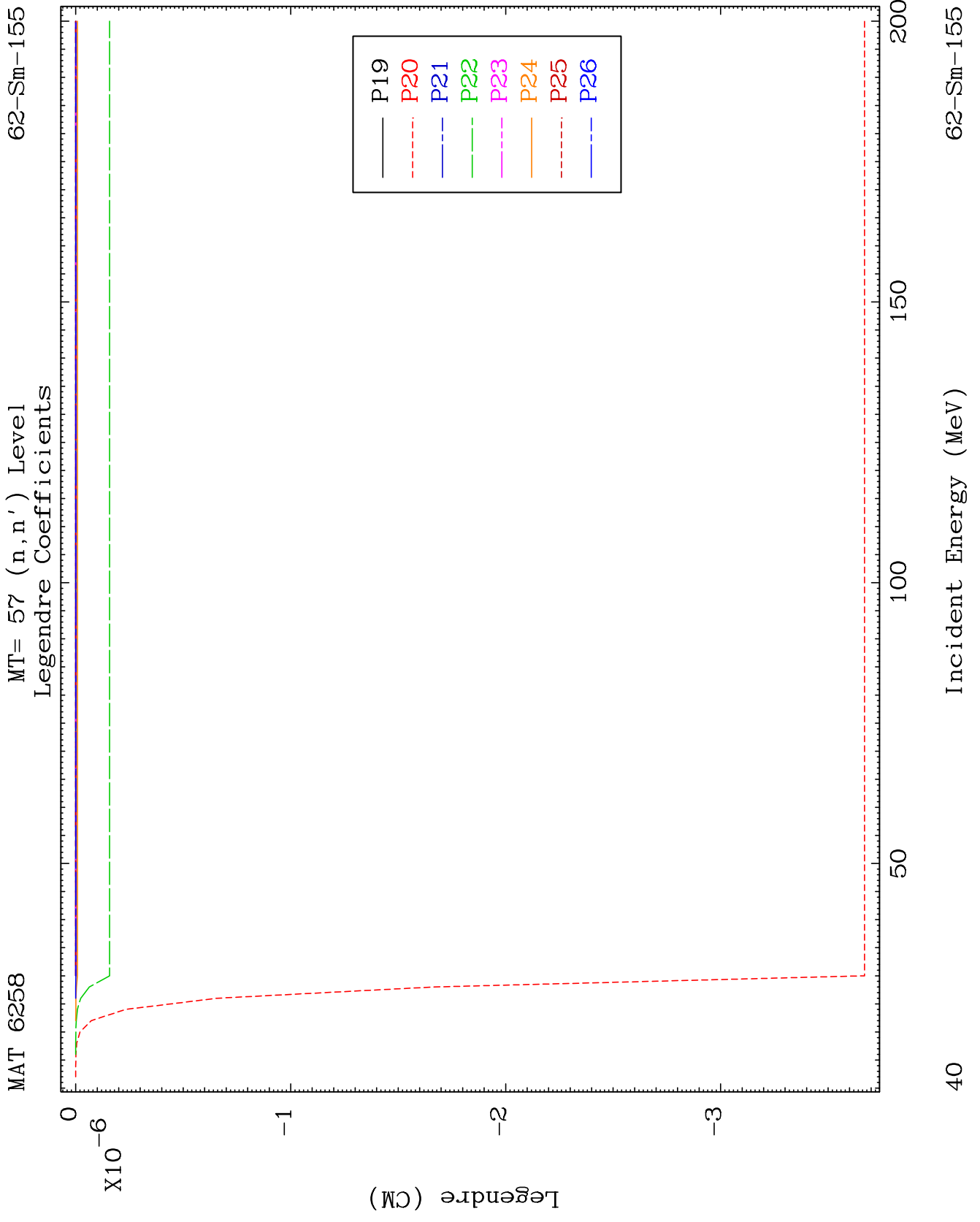
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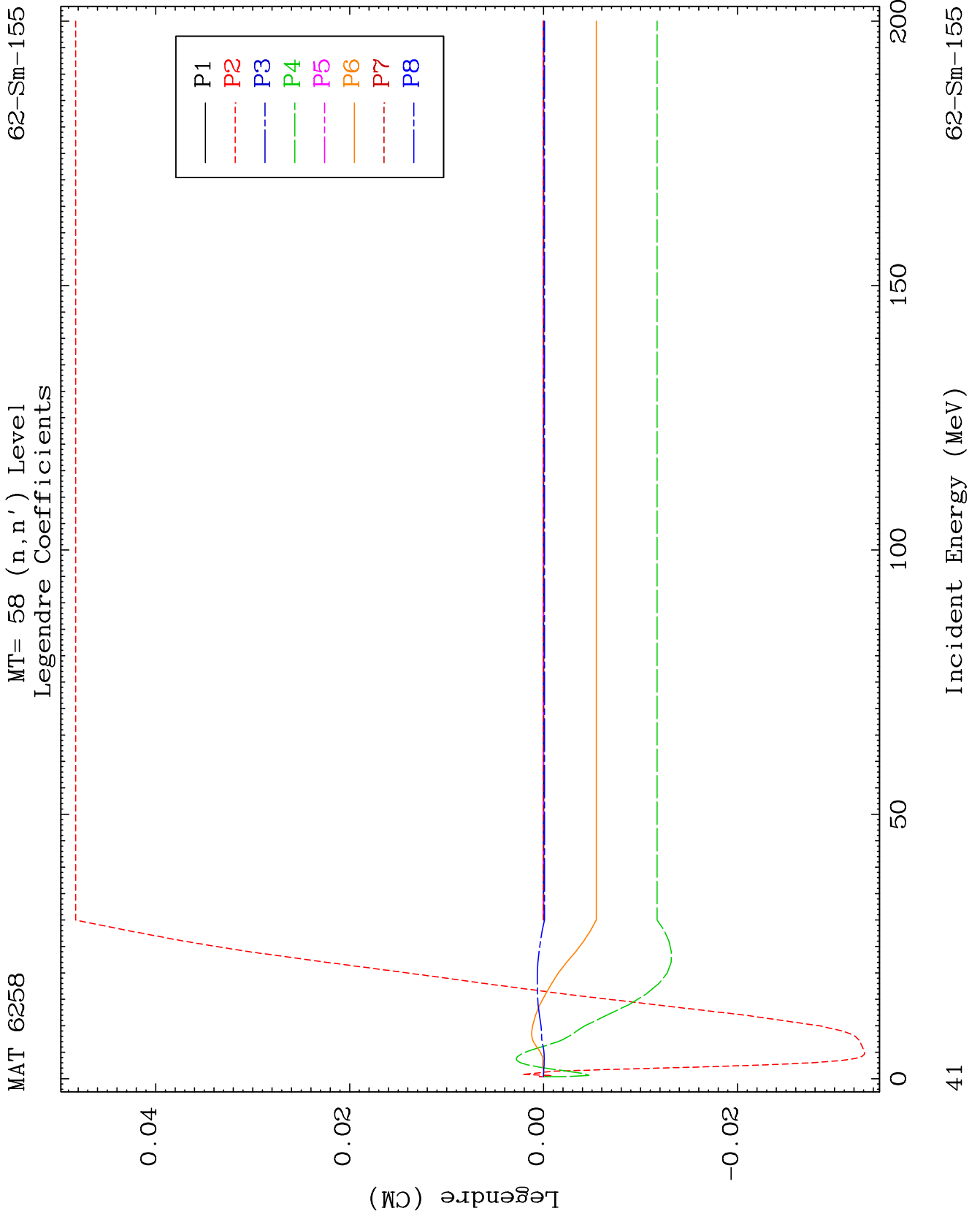
MAT 6258

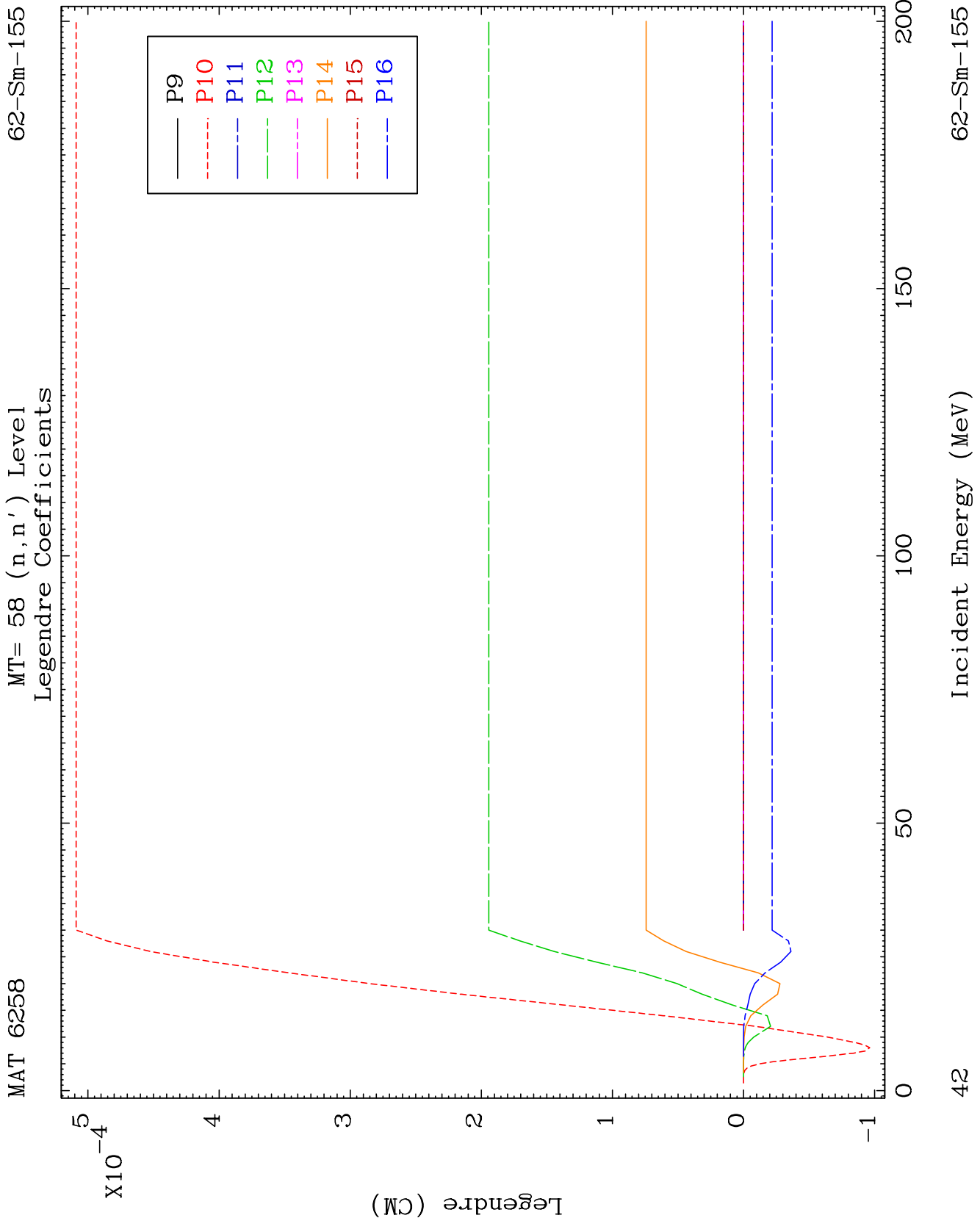
MT= 57 (n,n') Level
Legendre Coefficients

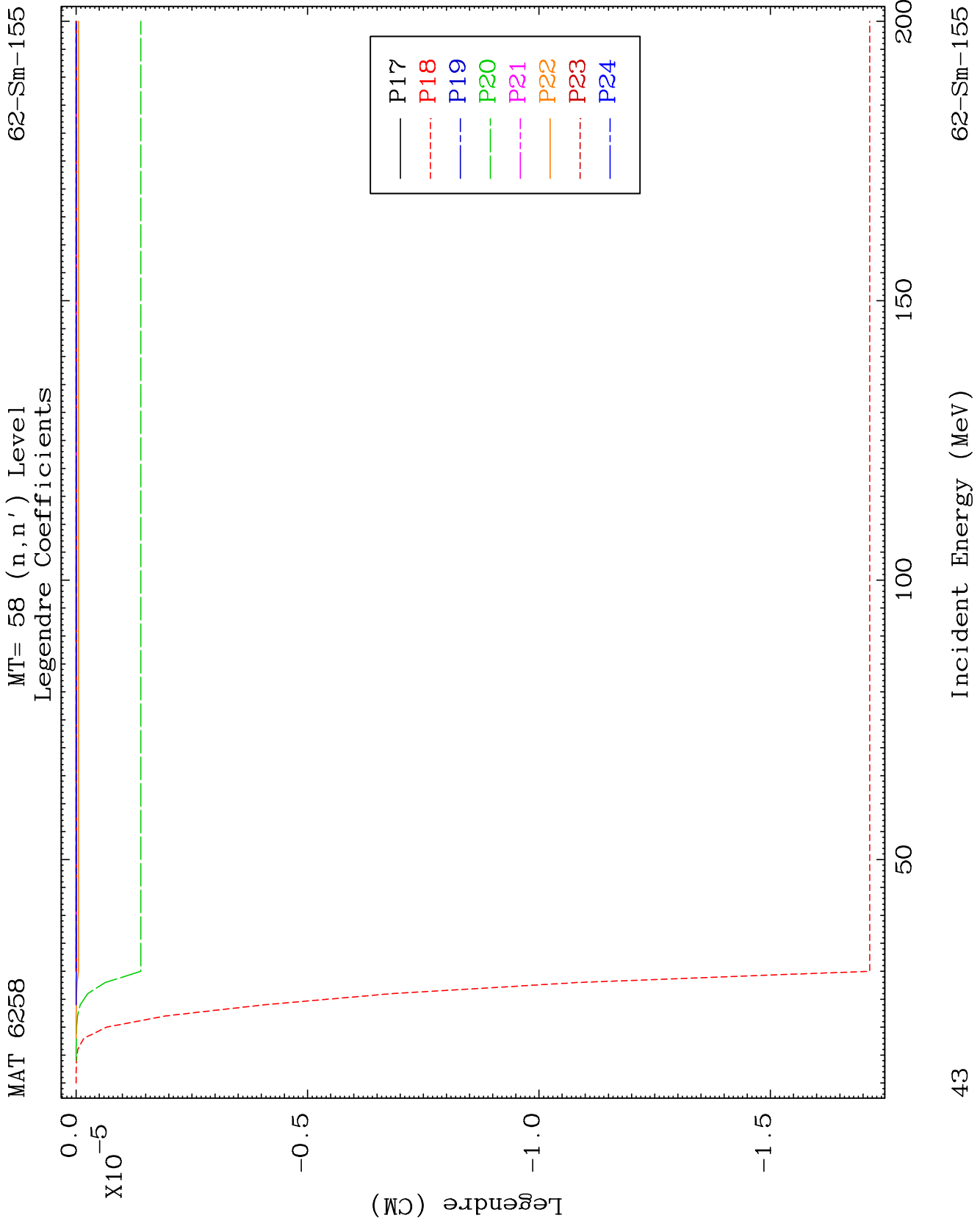
62-Sm-155







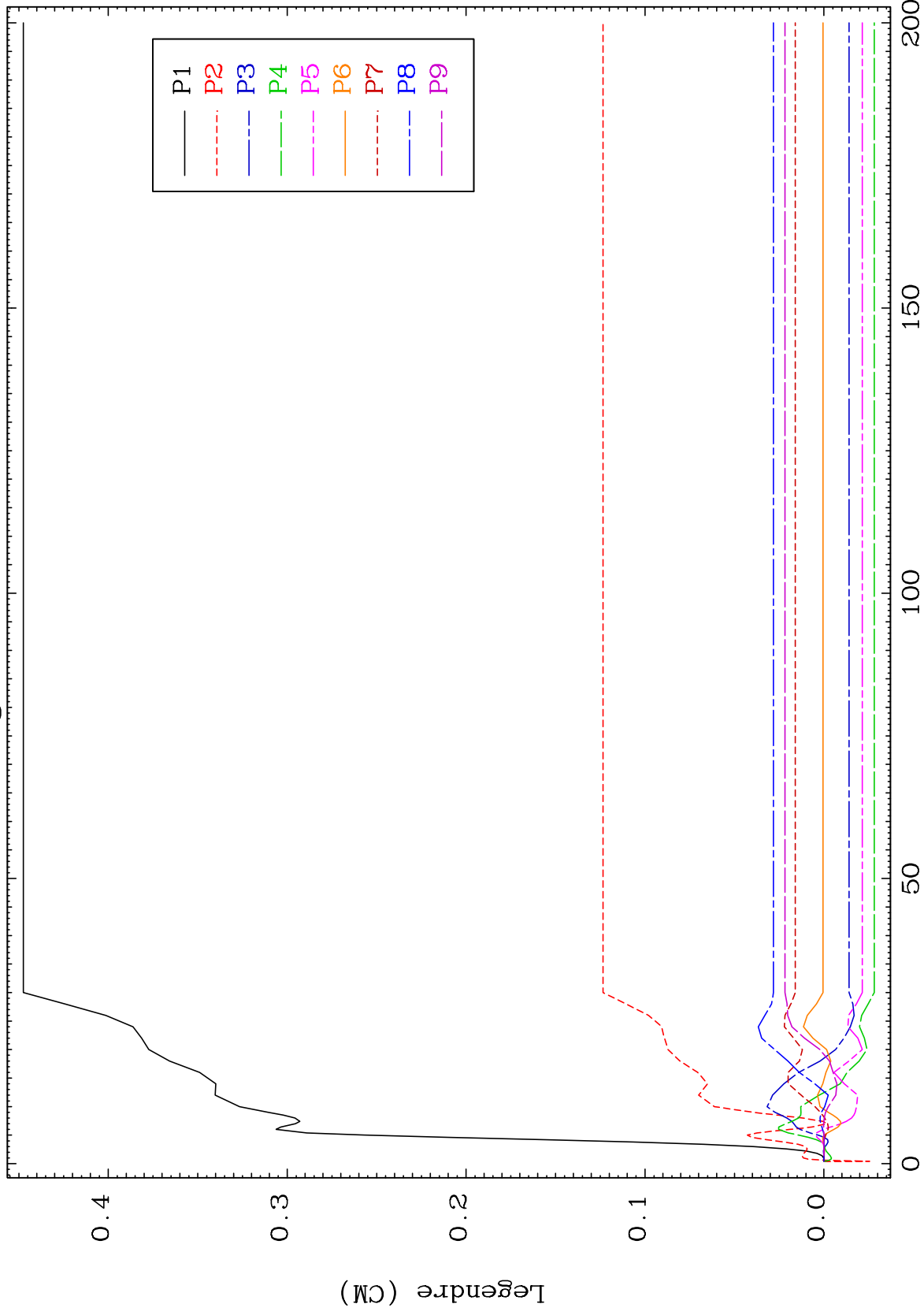




MAT 6258

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

62-Sm-155



44

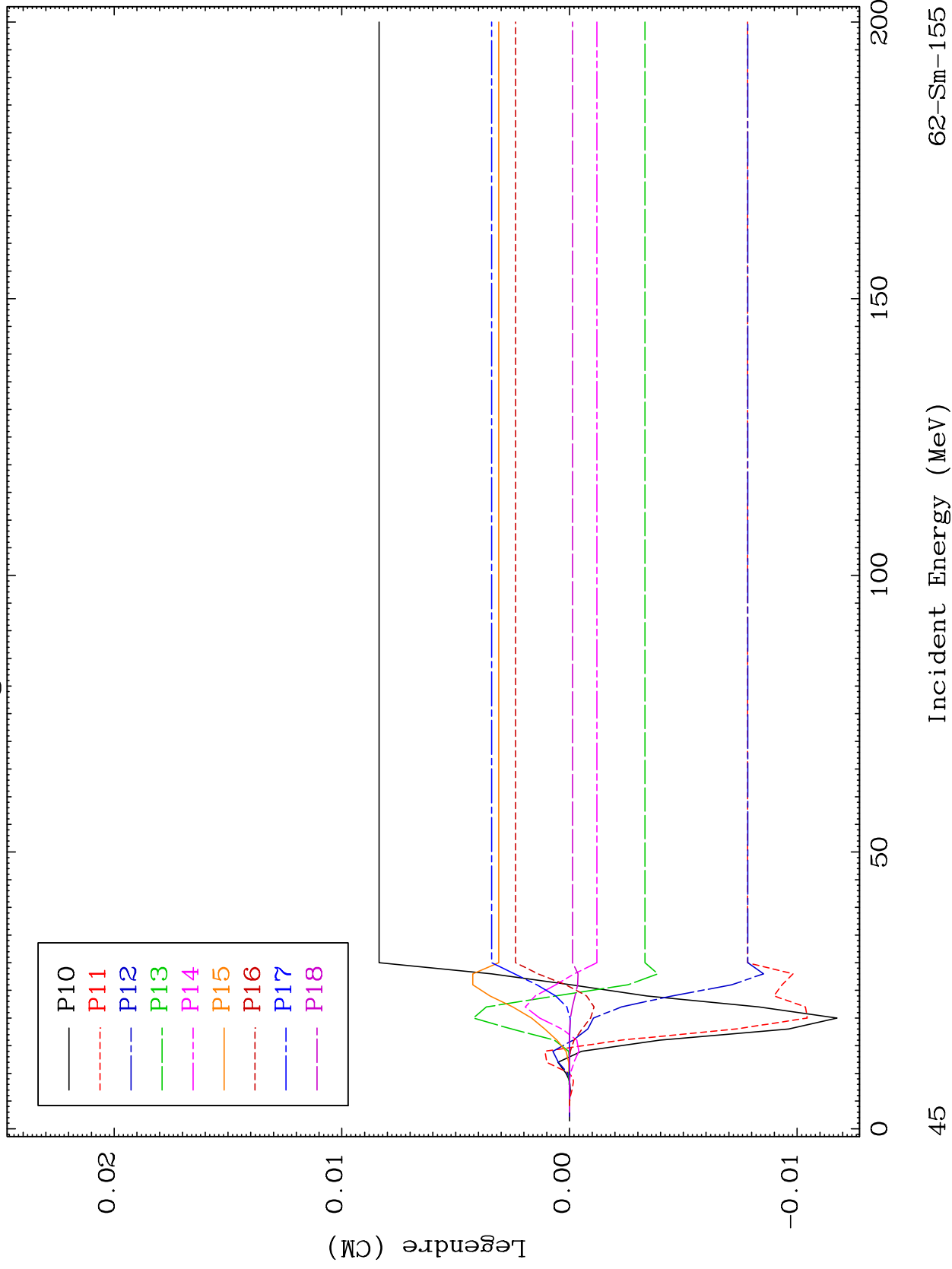
Incident Energy (MeV)

62-Sm-155

MAT 6258

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

62-Sm-155



62-Sm-155

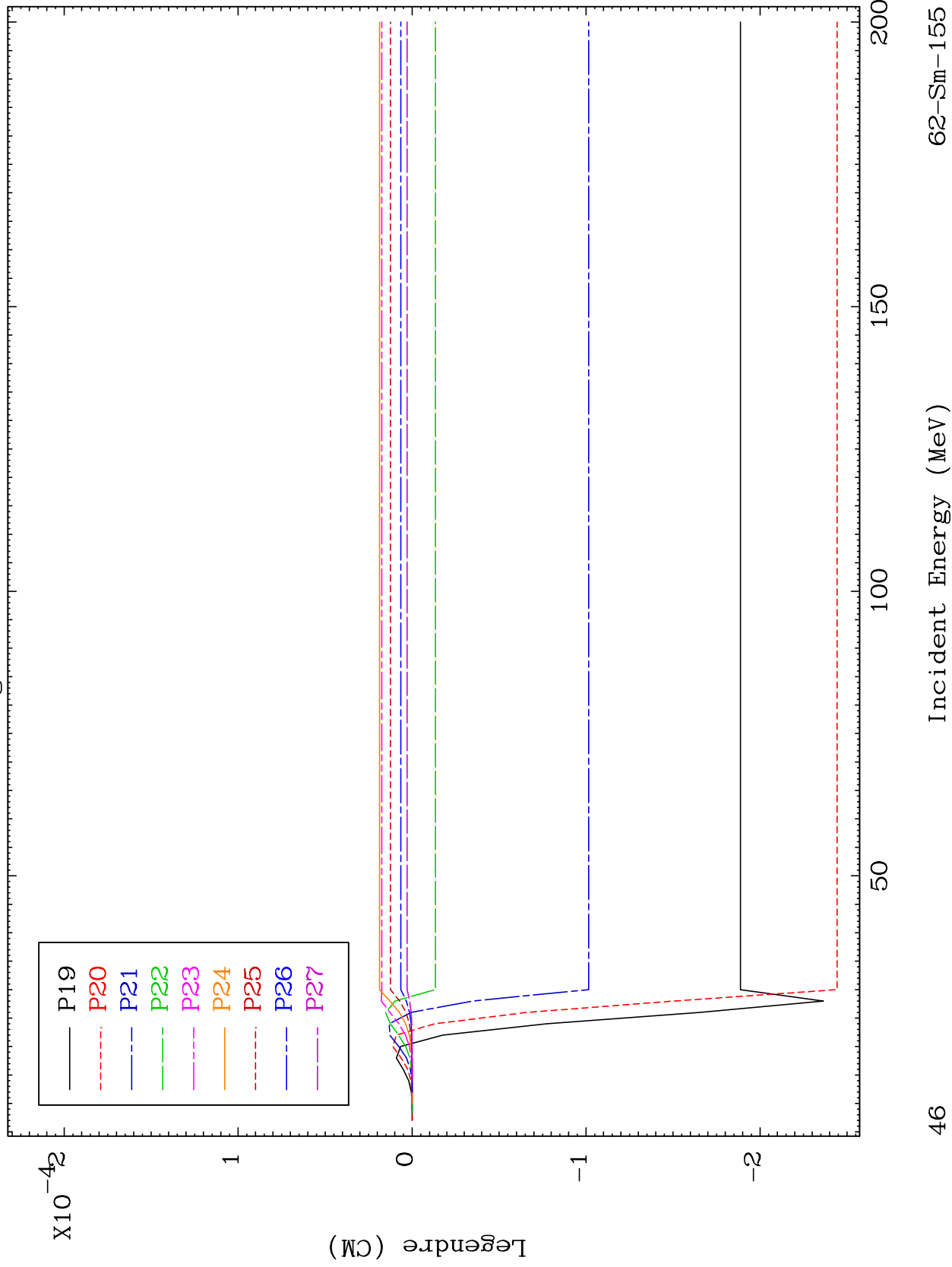
Incident Energy (MeV)

45

MAT 6258

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

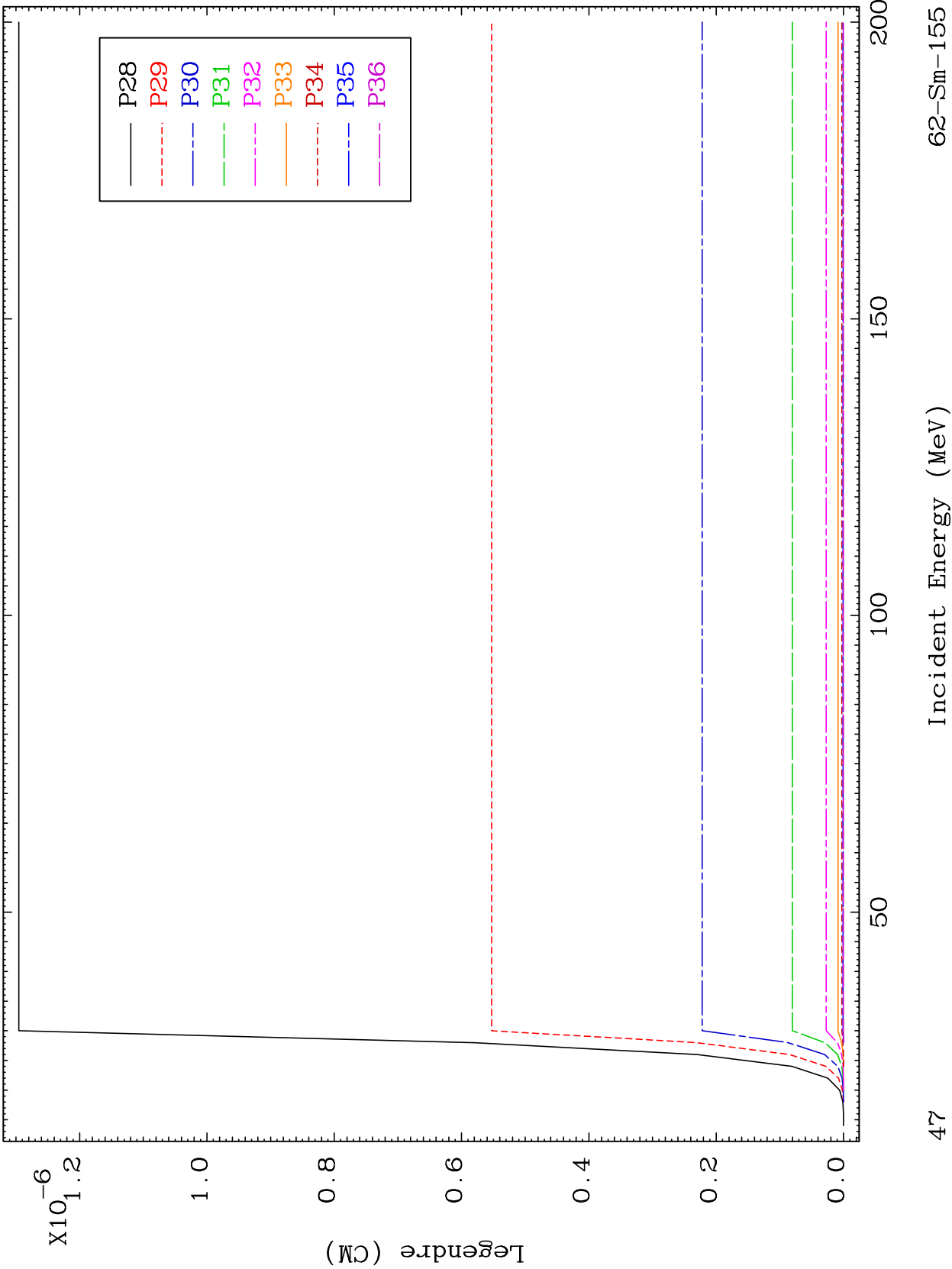
62-Sm-155



MAT 6258

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

62-Sm-155



47

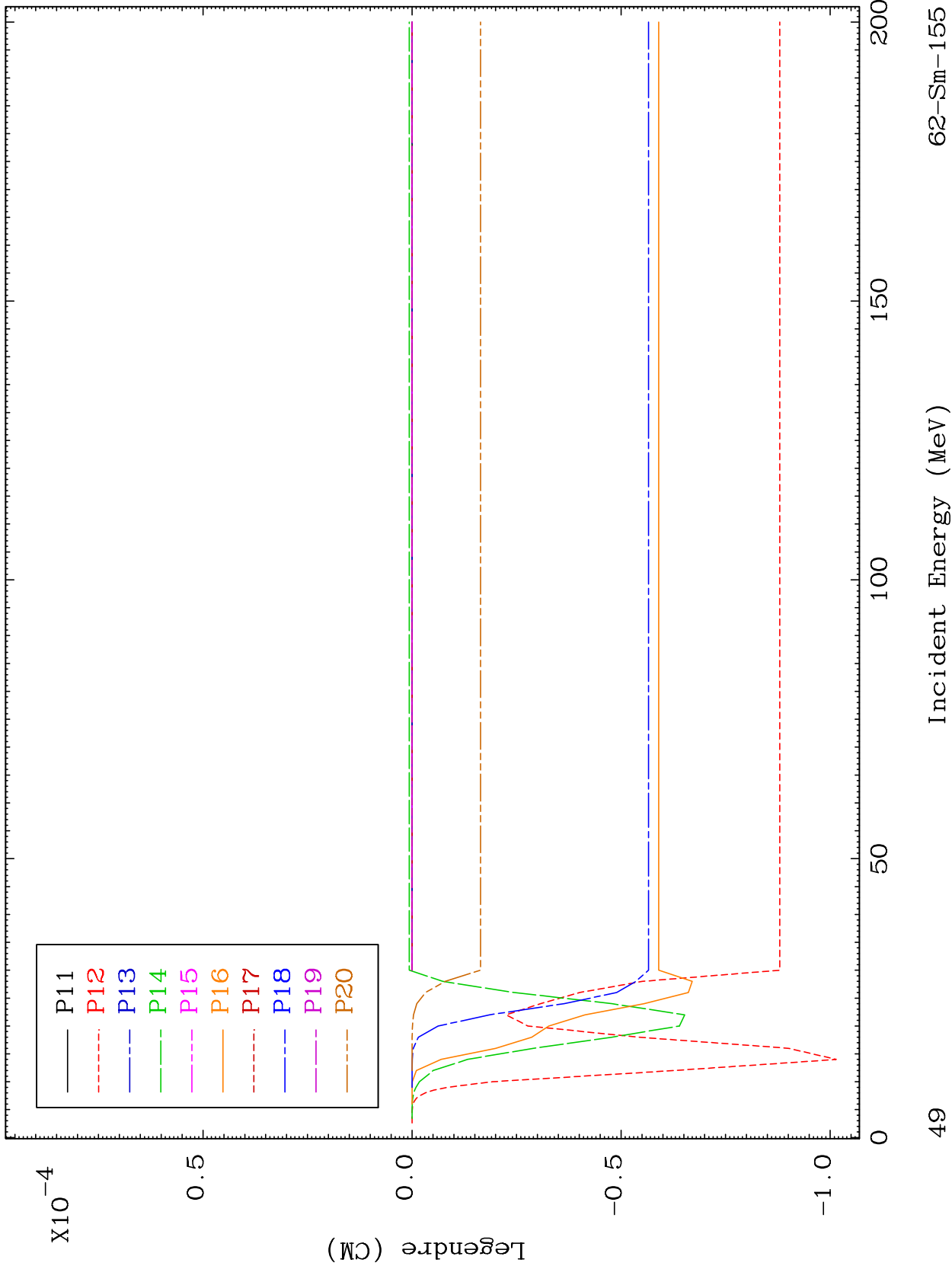
Incident Energy (MeV)

62-Sm-155

MAT 6258

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

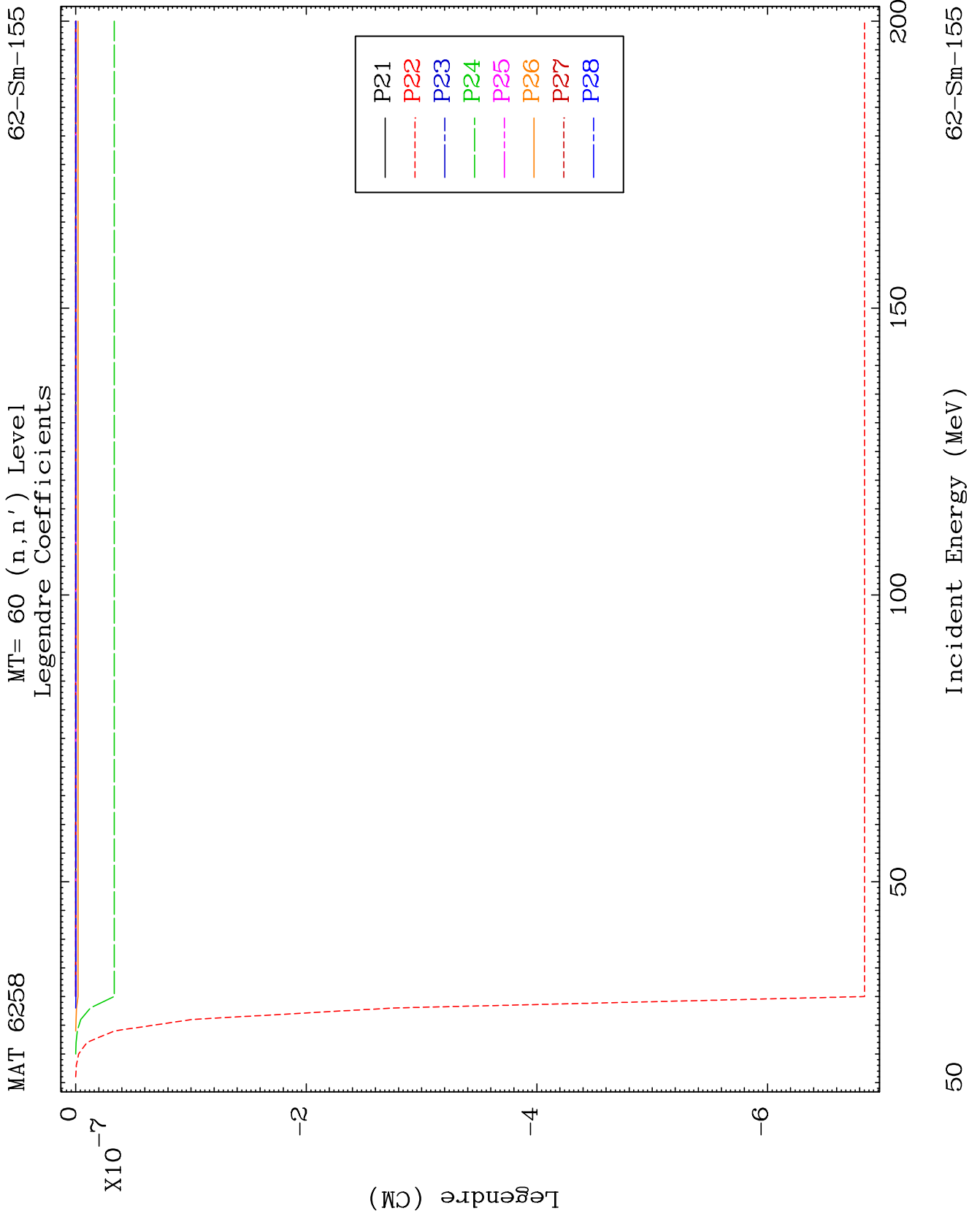
62-Sm-155



49

Incident Energy (MeV)

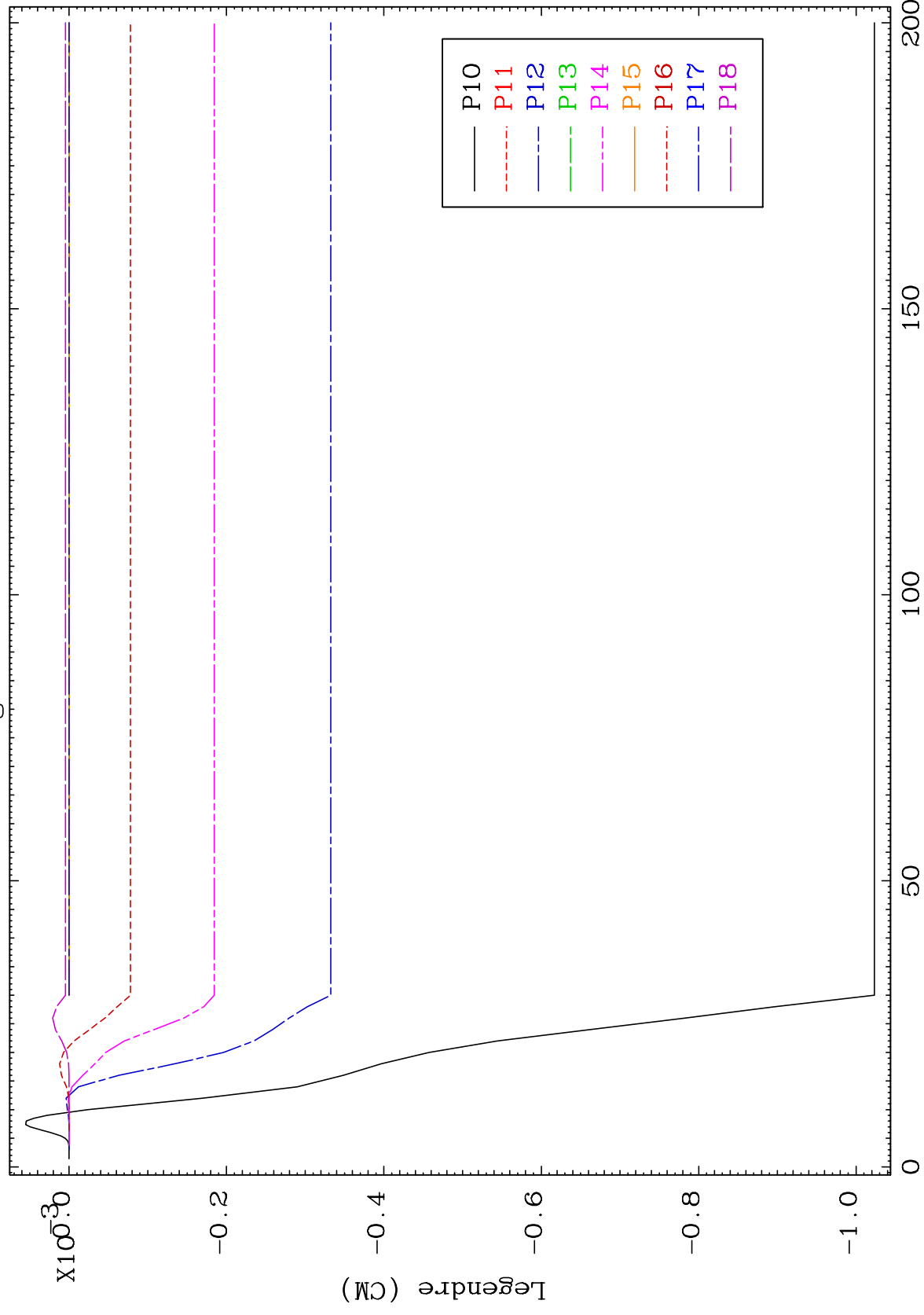
62-Sm-155



MAT 6258

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

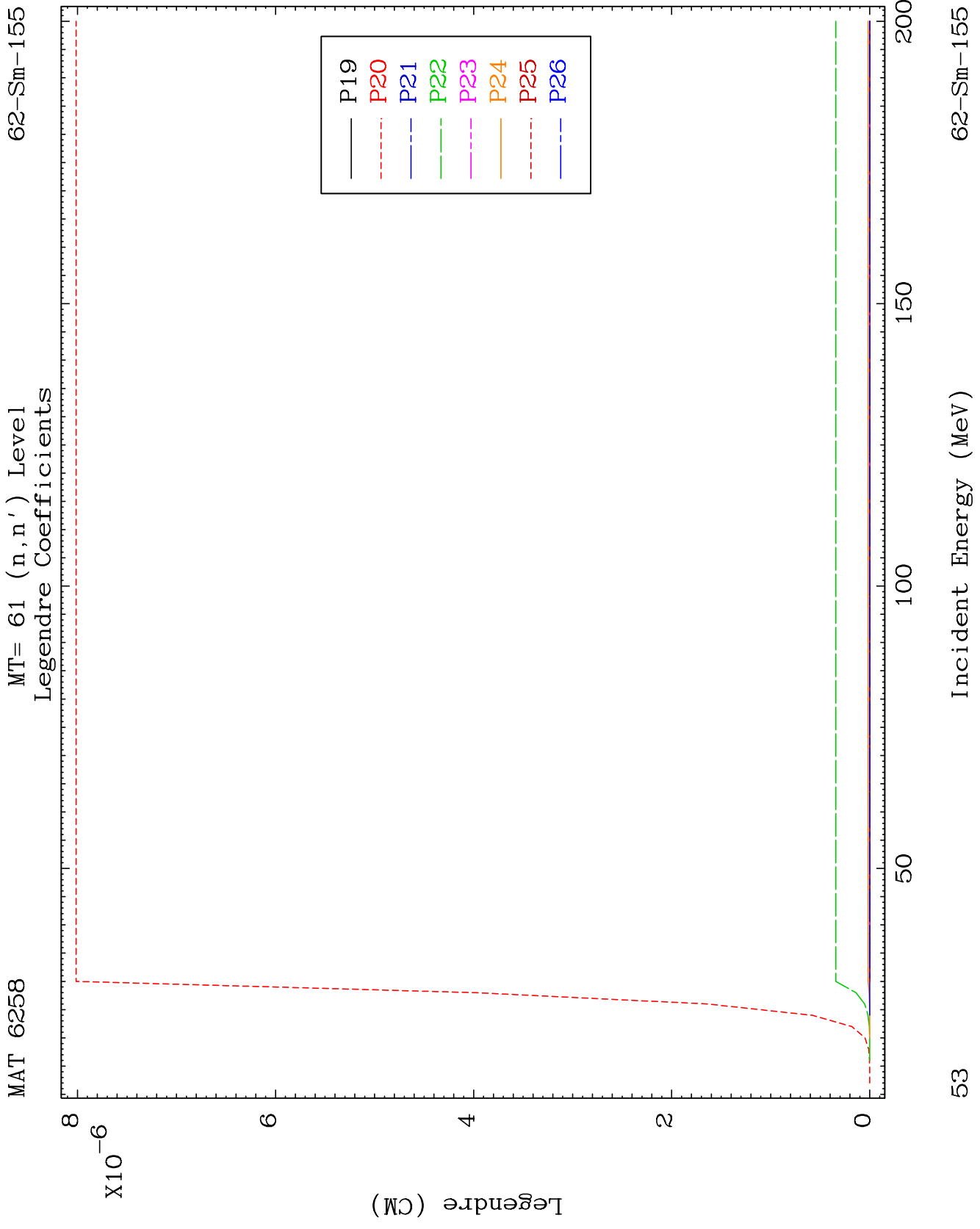
62-Sm-155

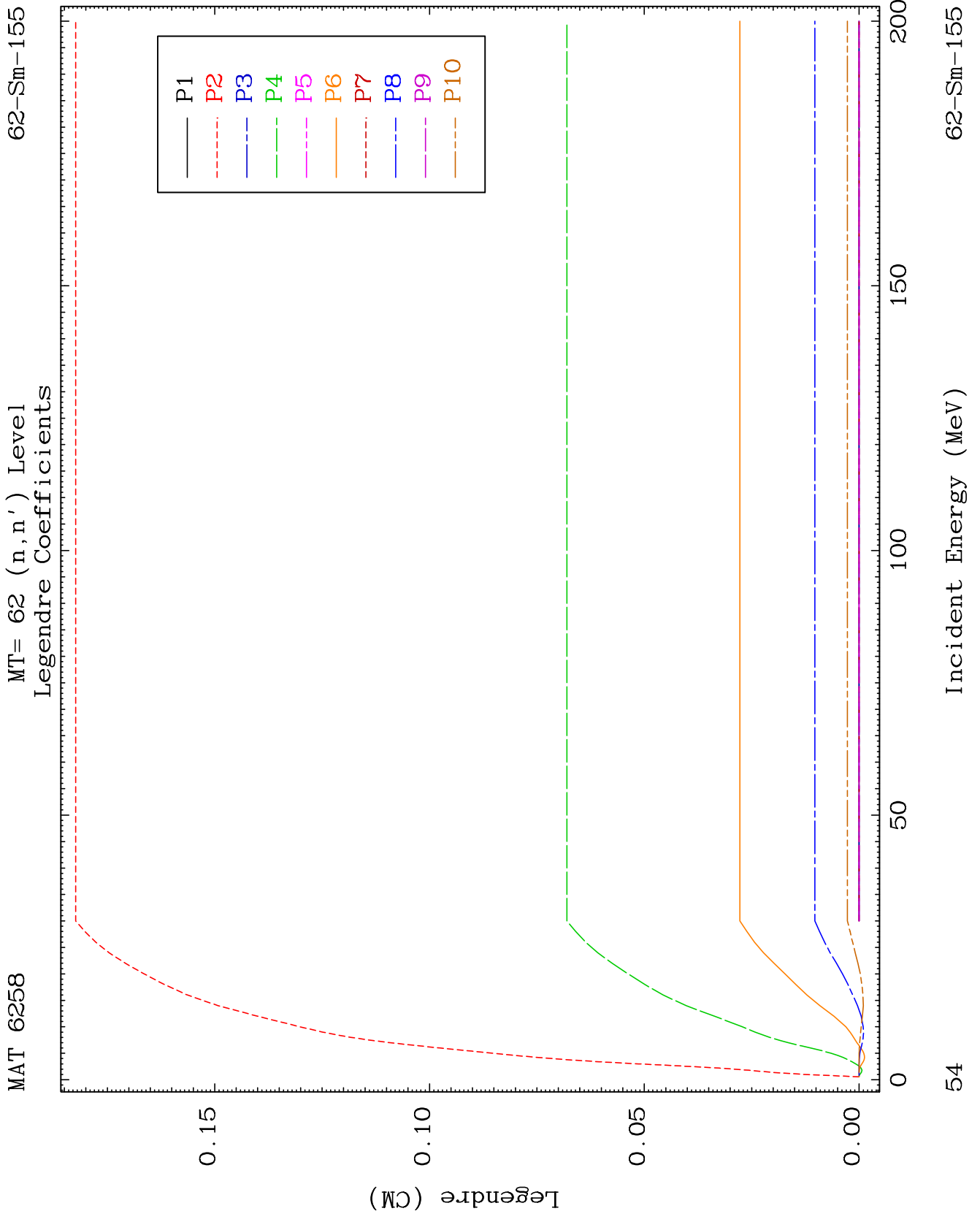


52

Incident Energy (MeV)

62-Sm-155

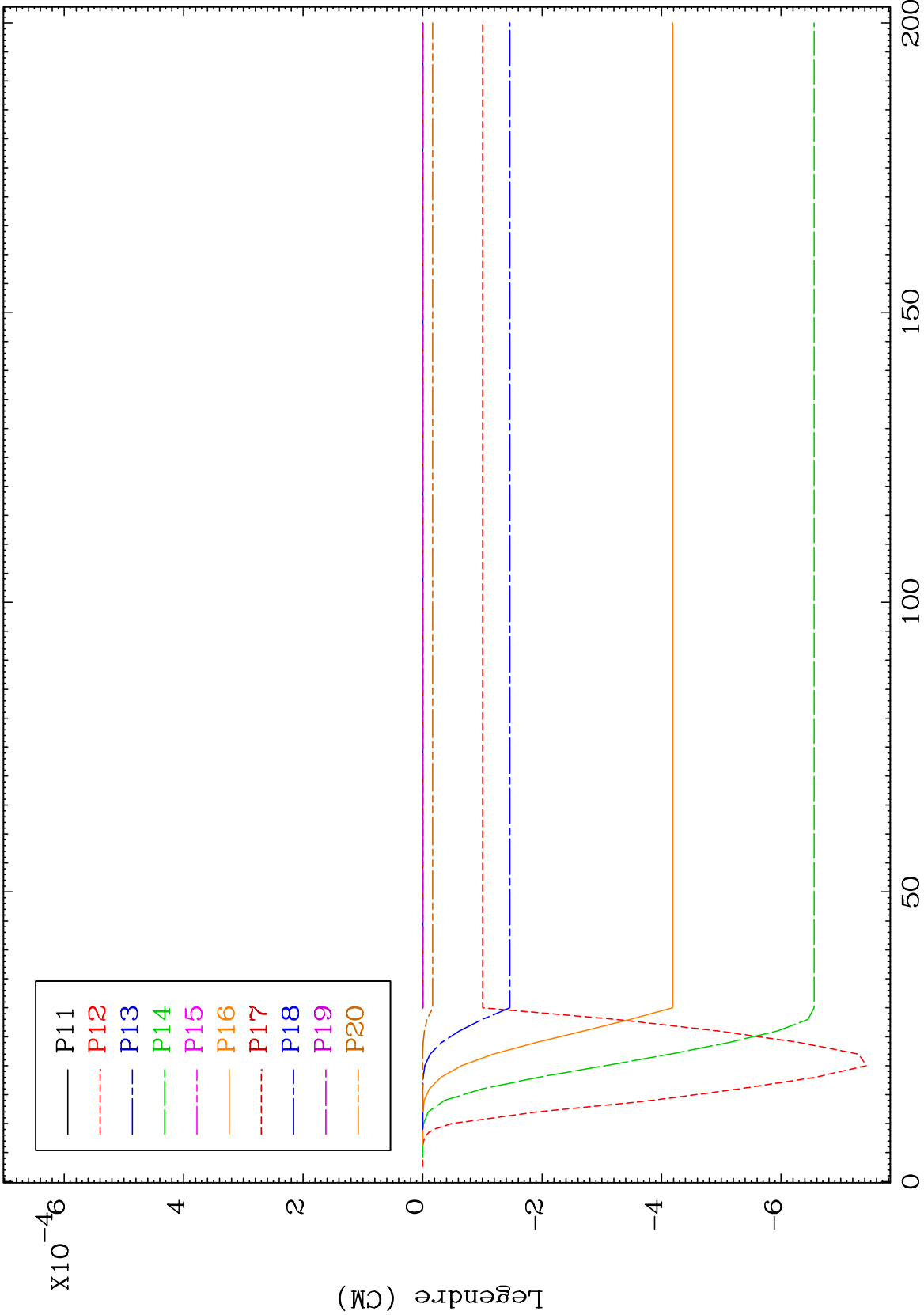
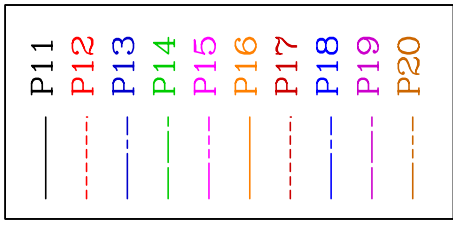




MAT 6258

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

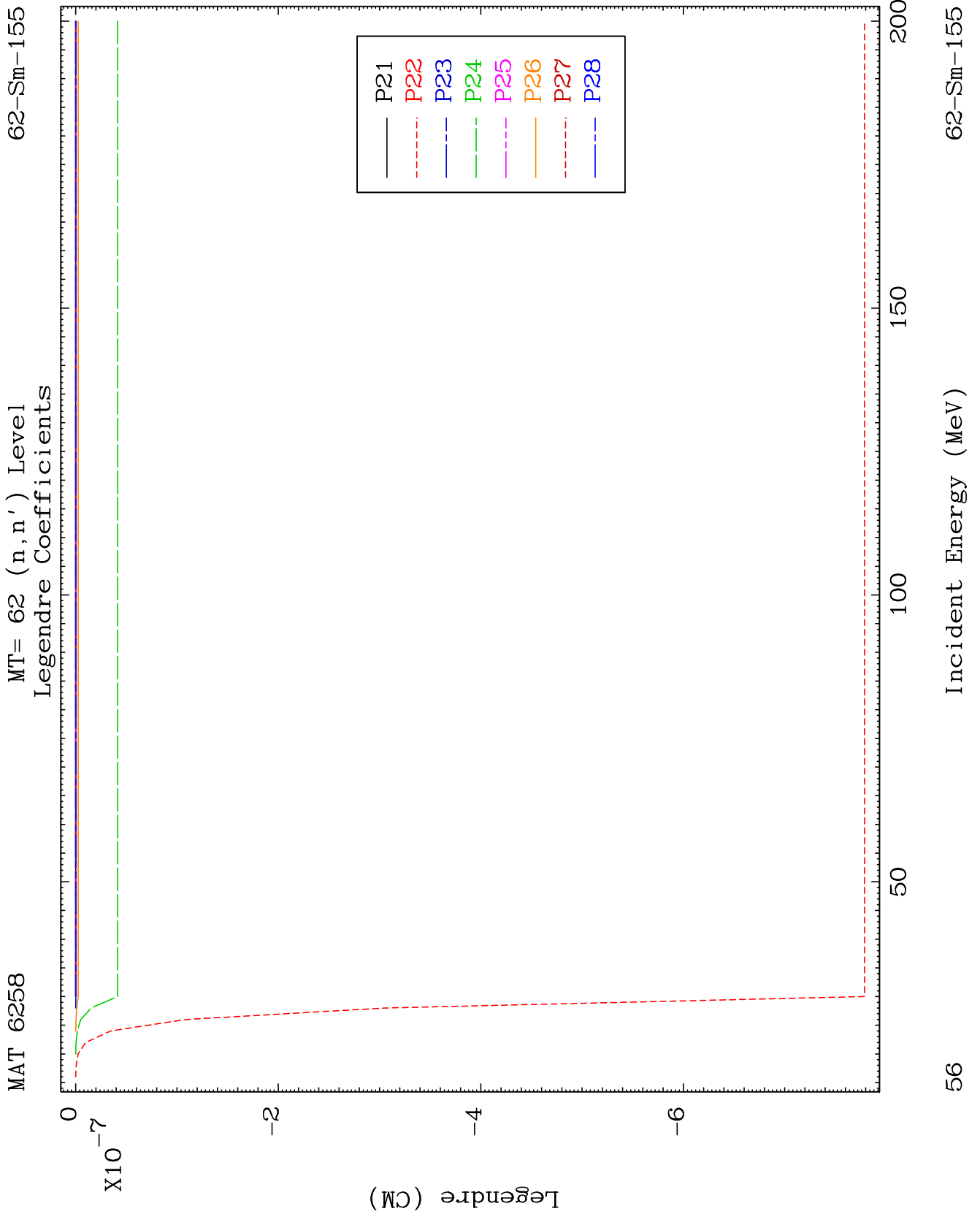
62-Sm-155



55

Incident Energy (MeV)

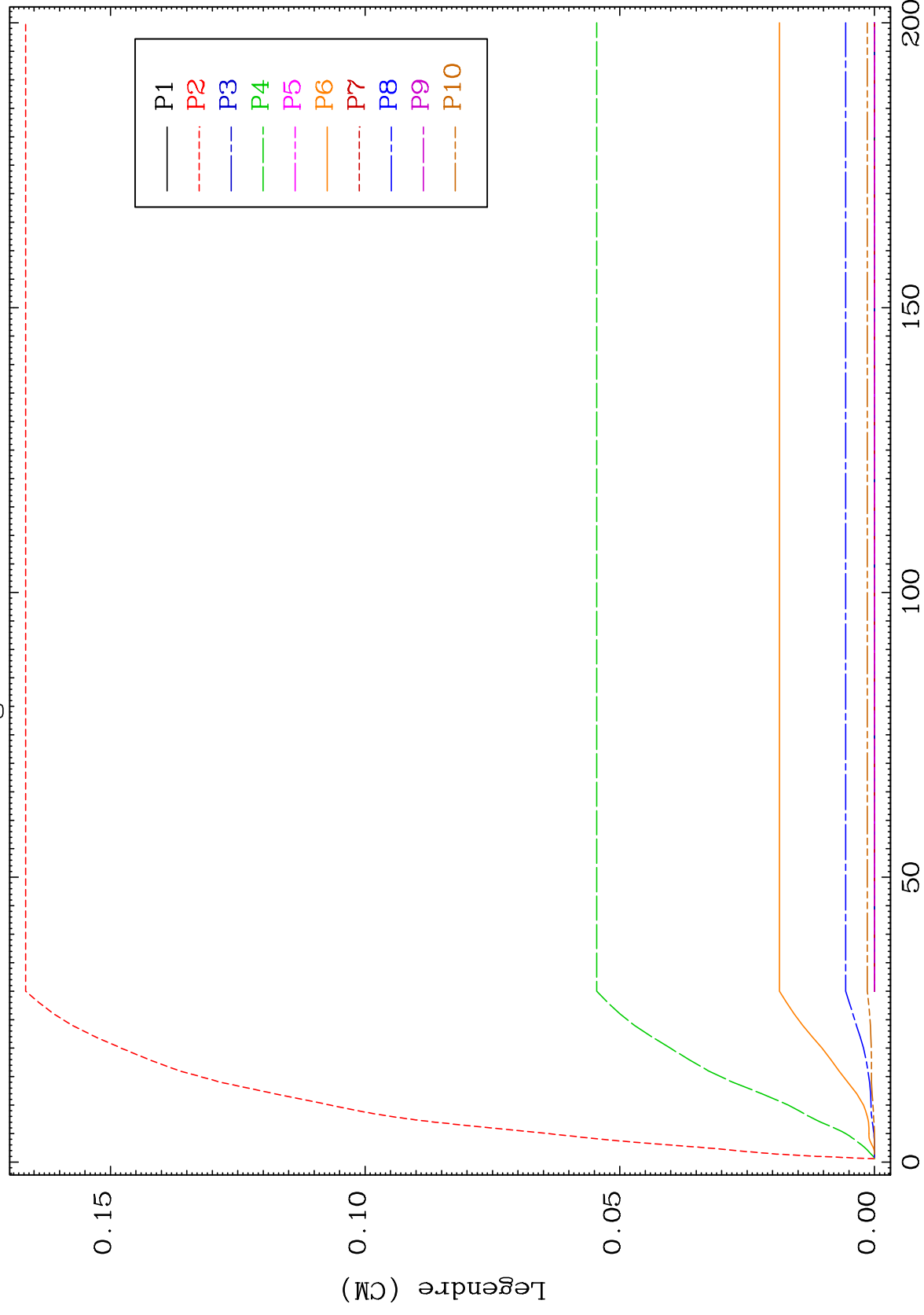
62-Sm-155



MAT 6258

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

62-Sm-155



57

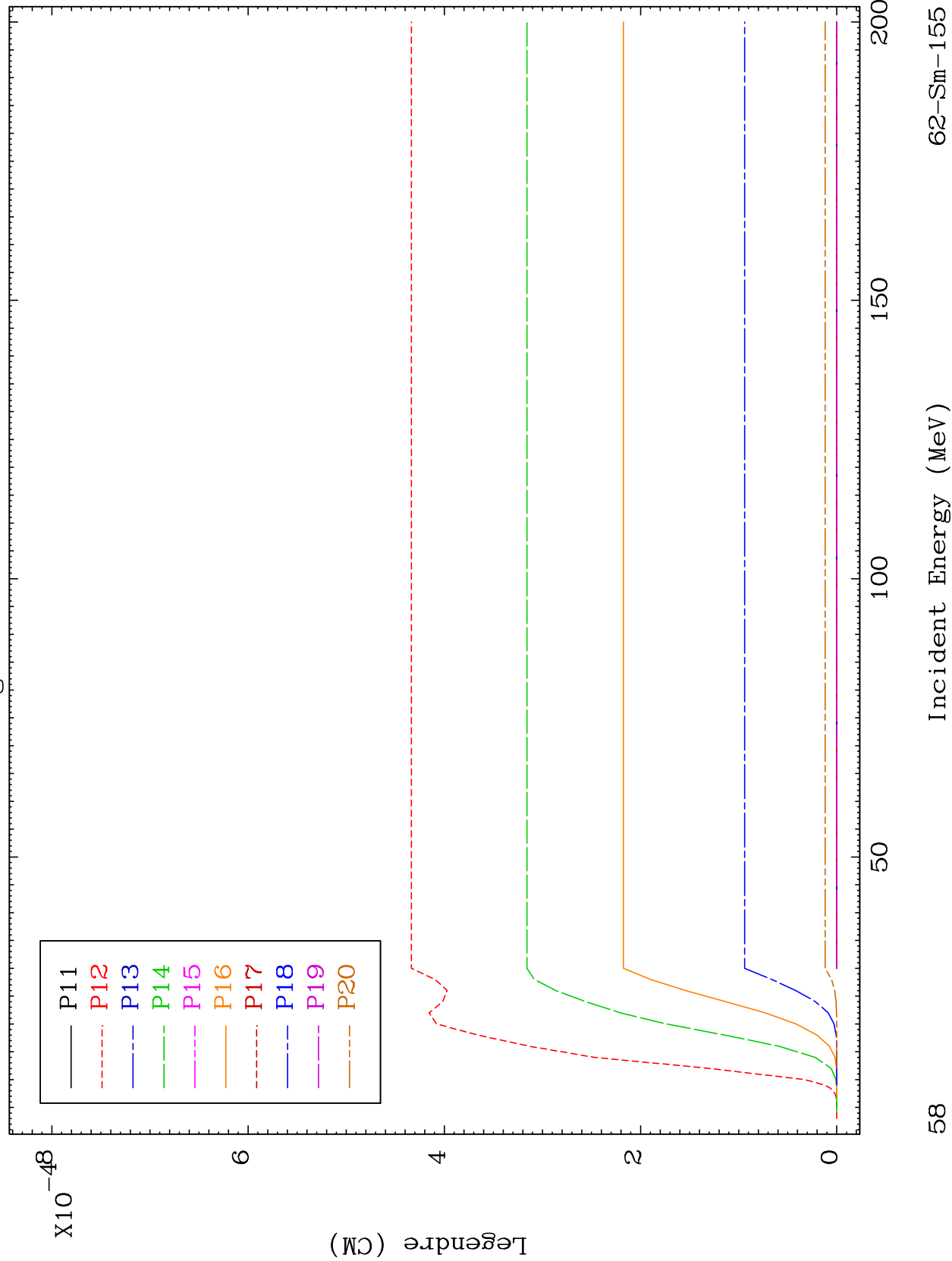
Incident Energy (MeV)

62-Sm-155

MAT 6258

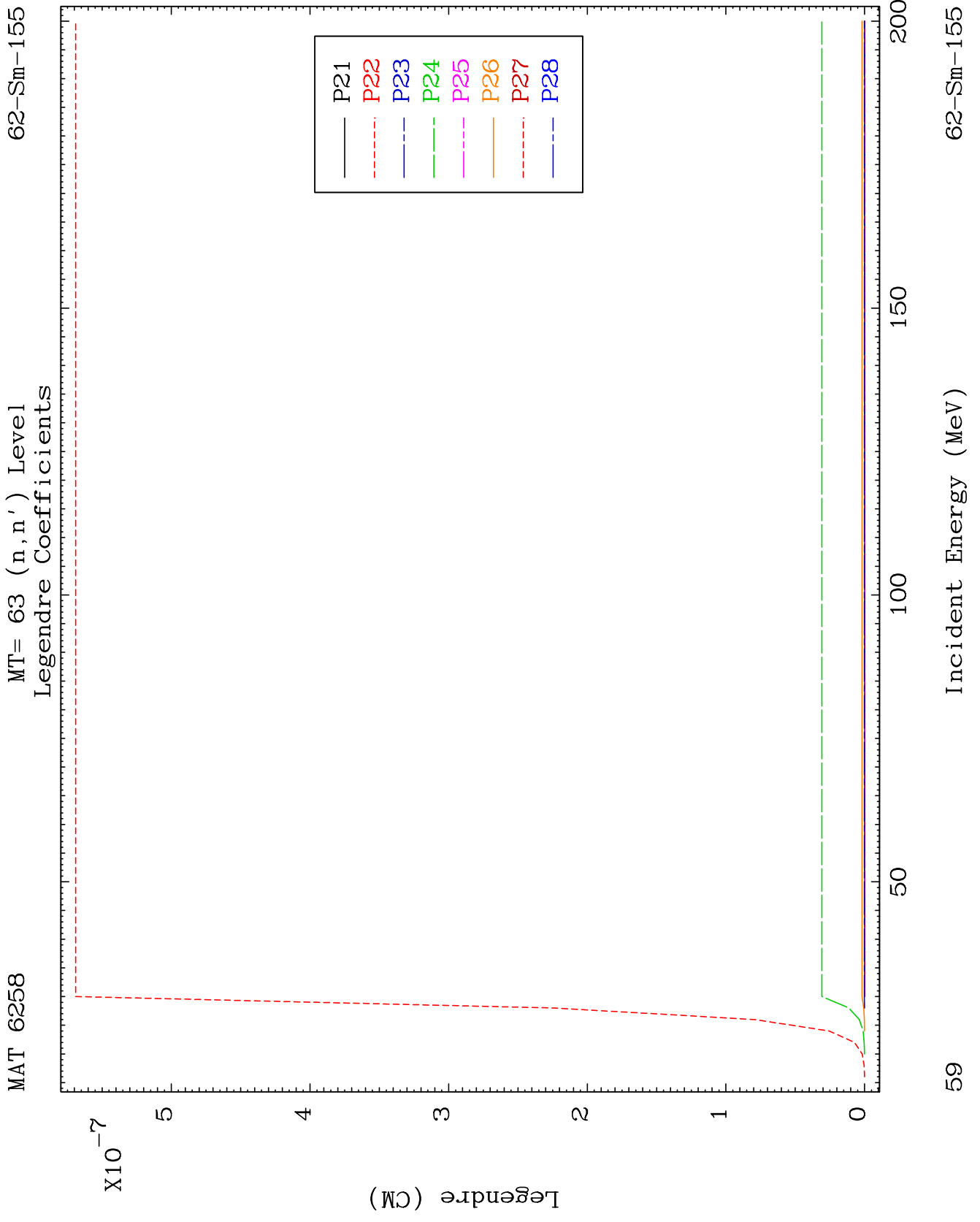
MT= 63 (n,n') Level
Legendre Coefficients

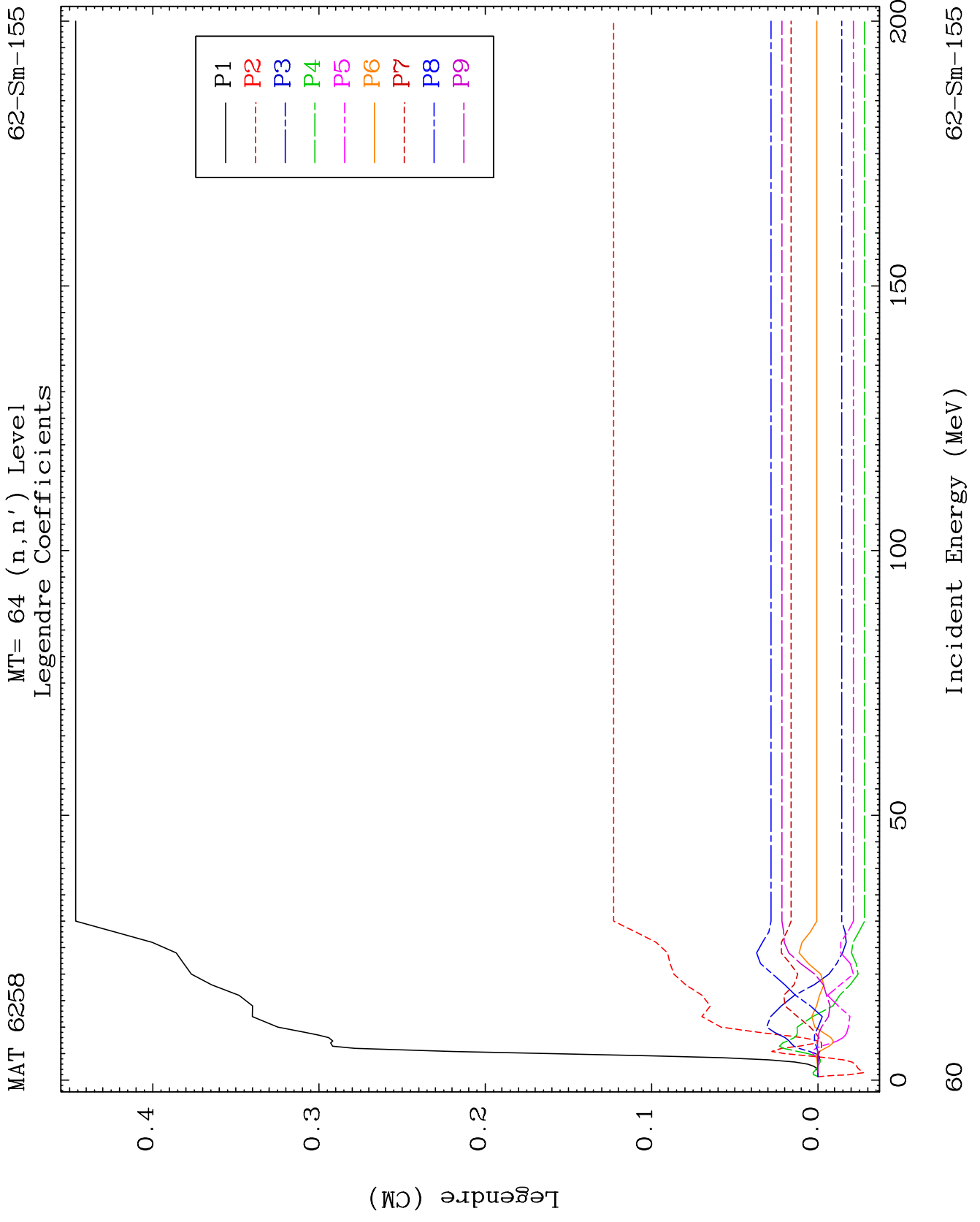
62-Sm-155



58

62-Sm-155

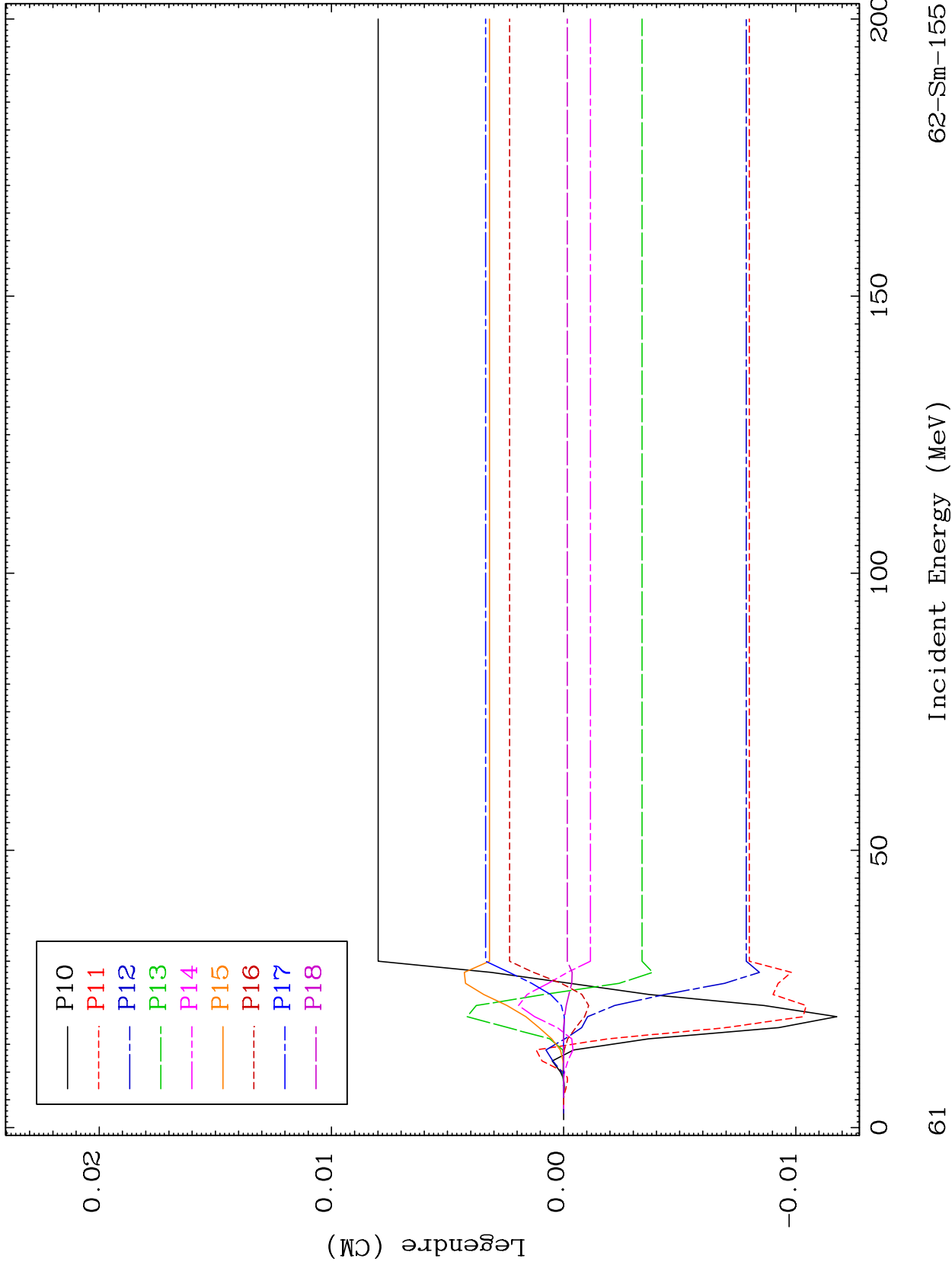




MAT 6258

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

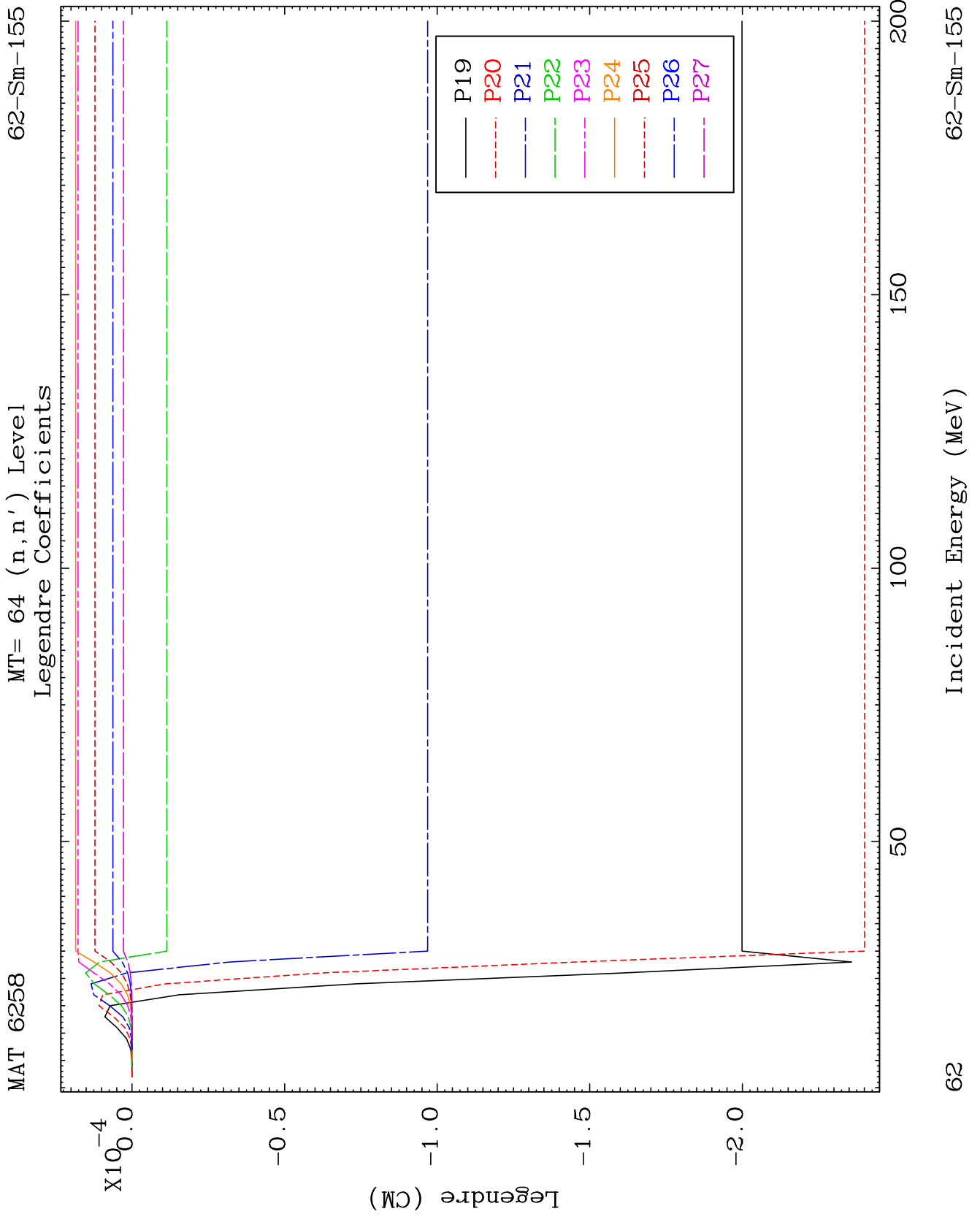
62-Sm-155



61

Incident Energy (MeV)

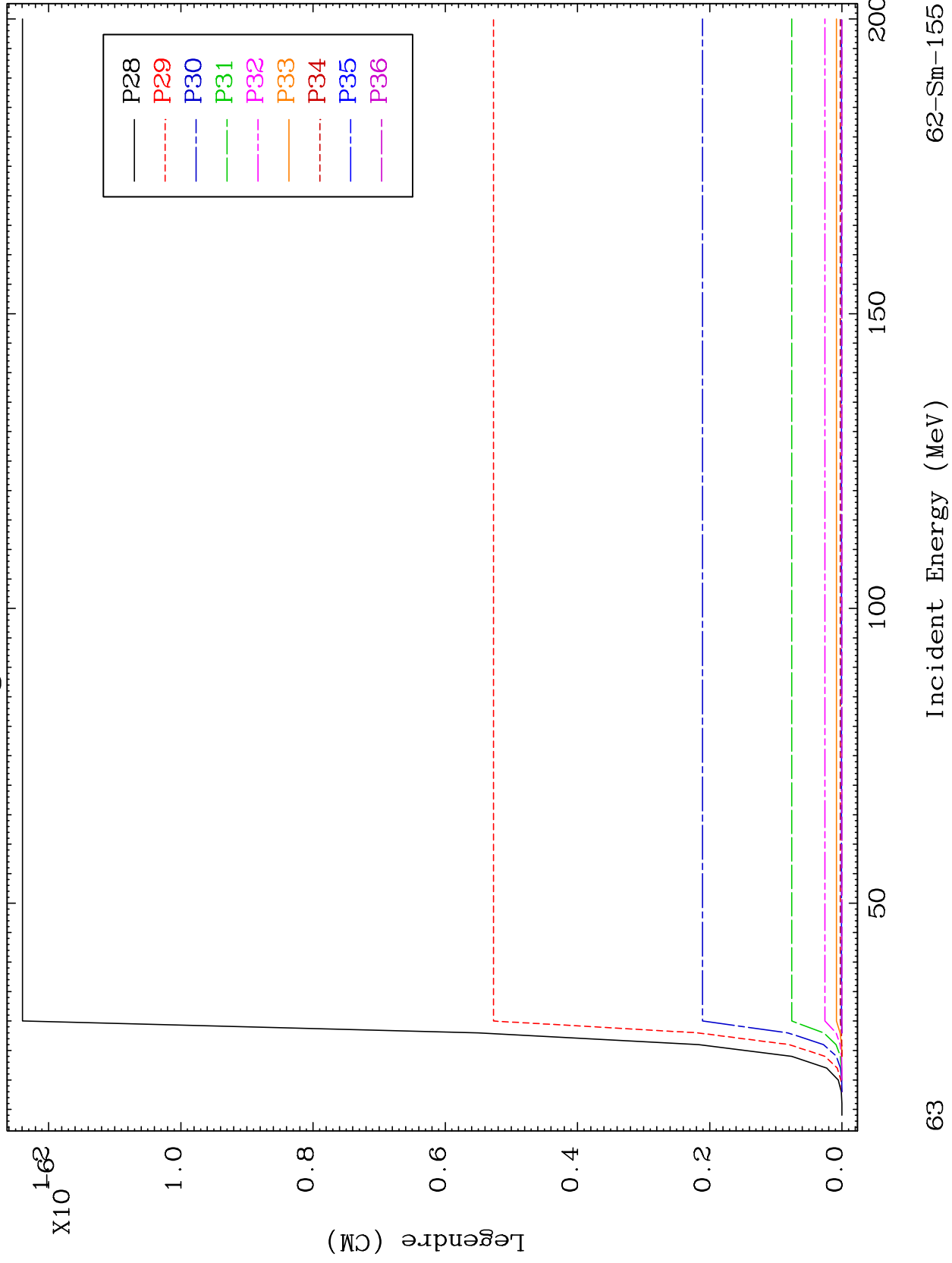
62-Sm-155



MAT 6258

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

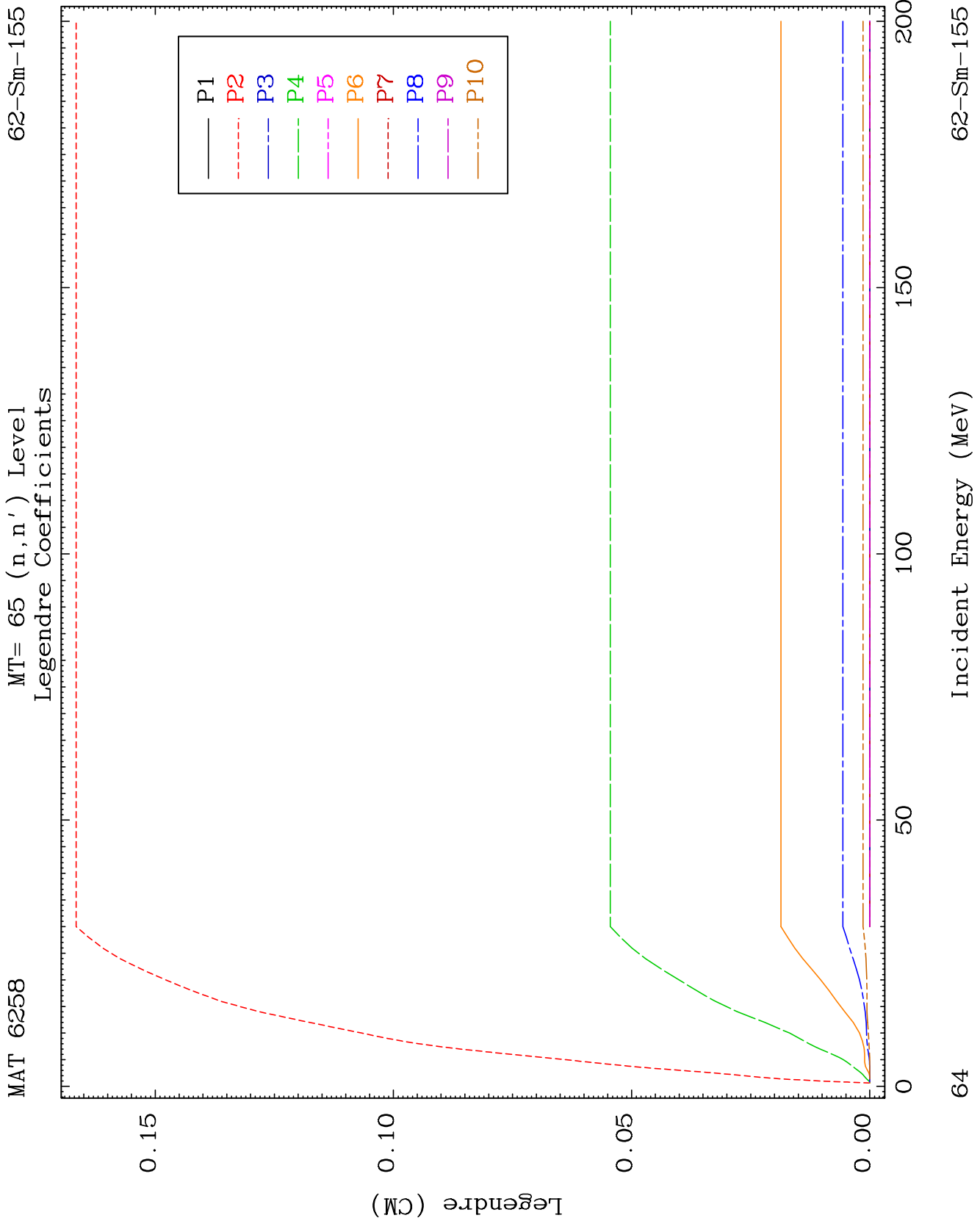
62-Sm-155



63

Incident Energy (MeV)

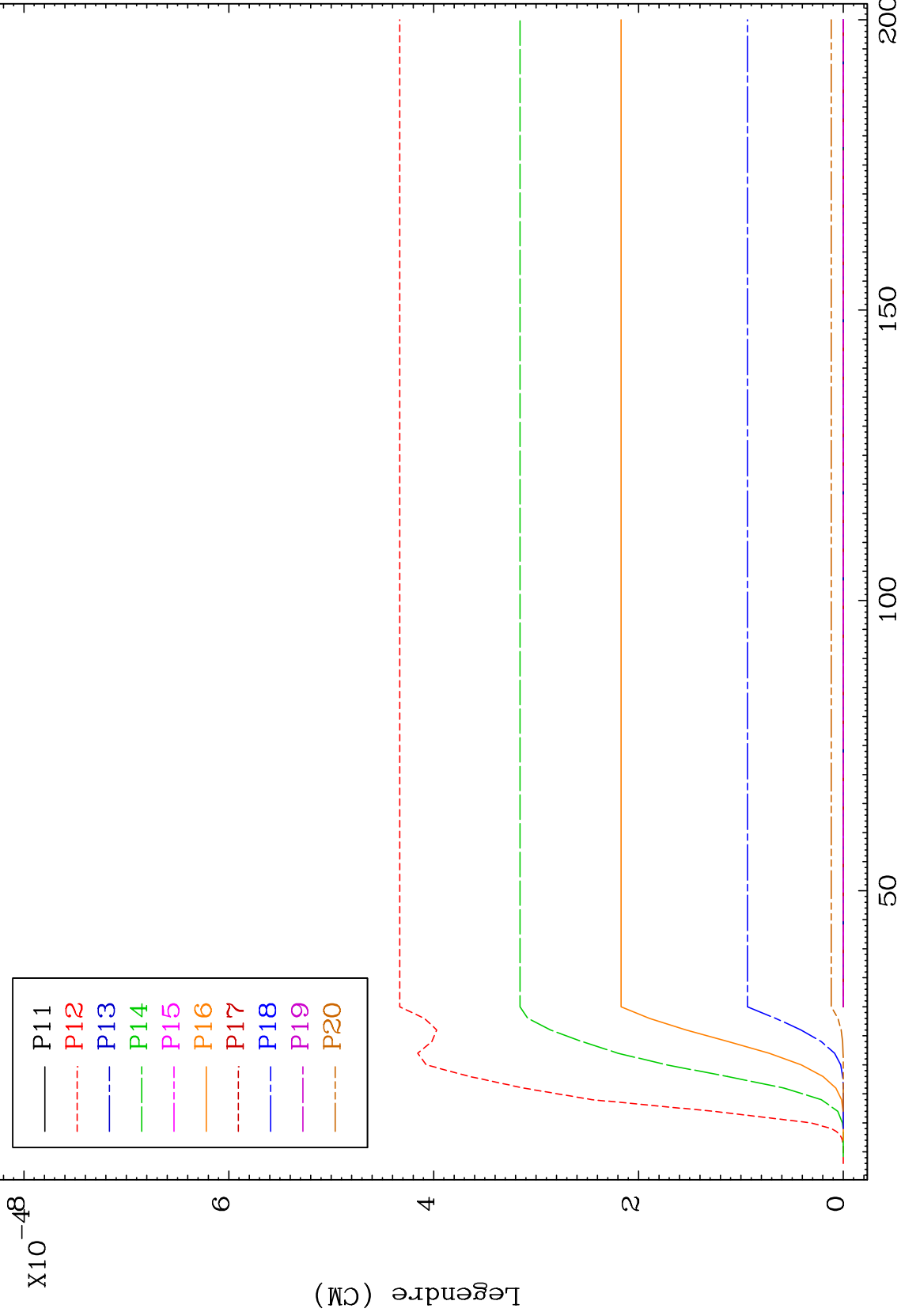
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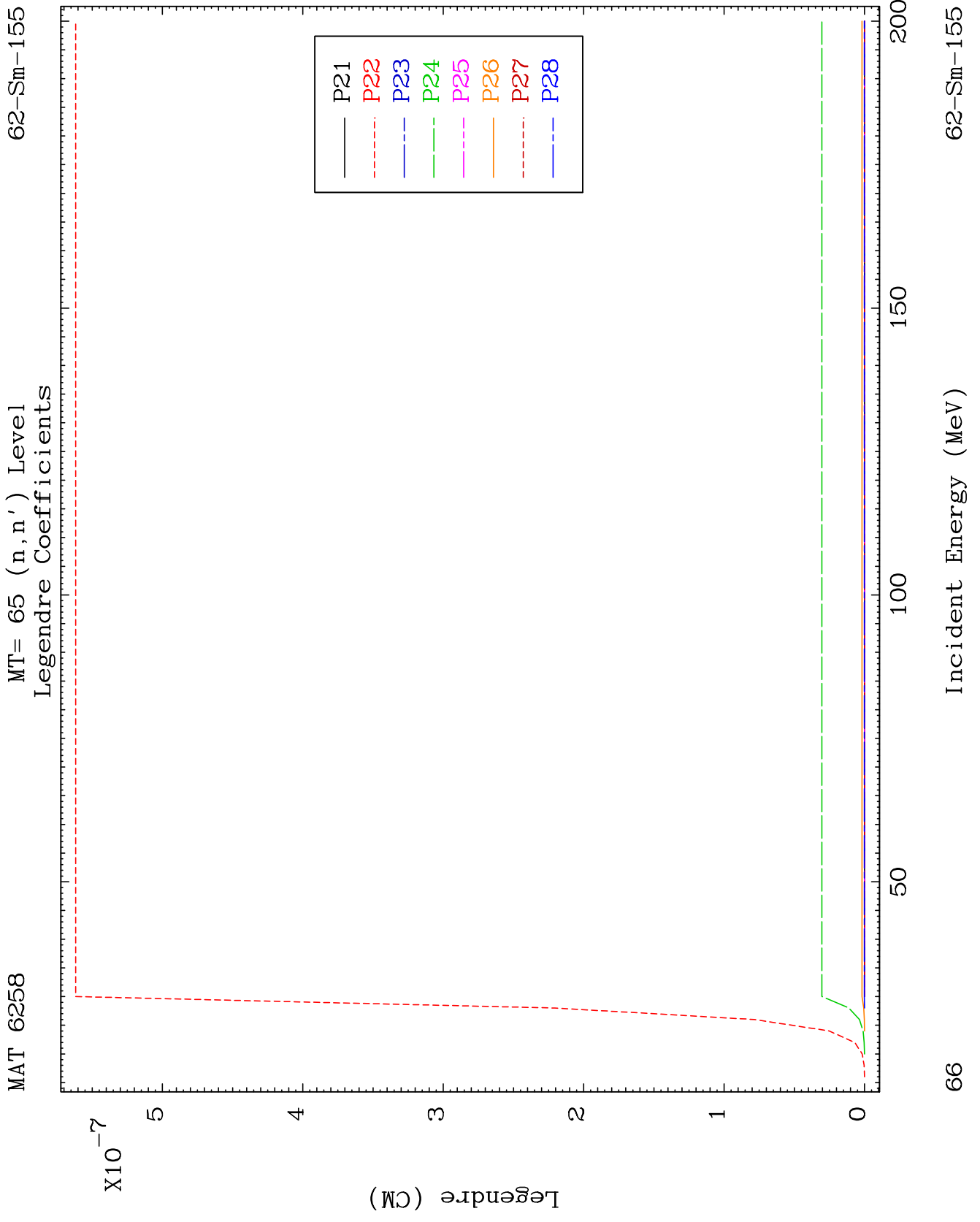


MAT 6258

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

62-Sm-155

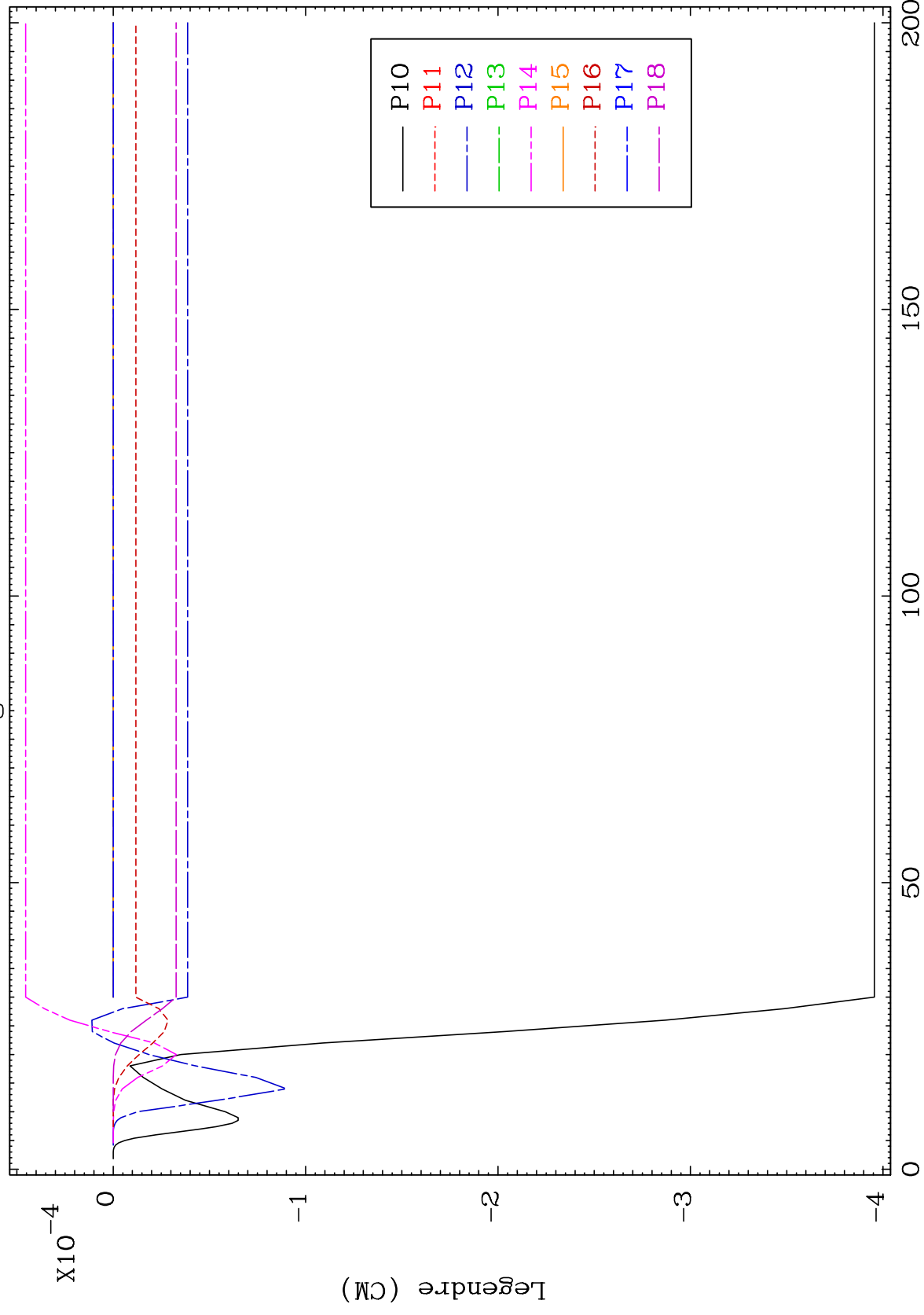




MAT 6258

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

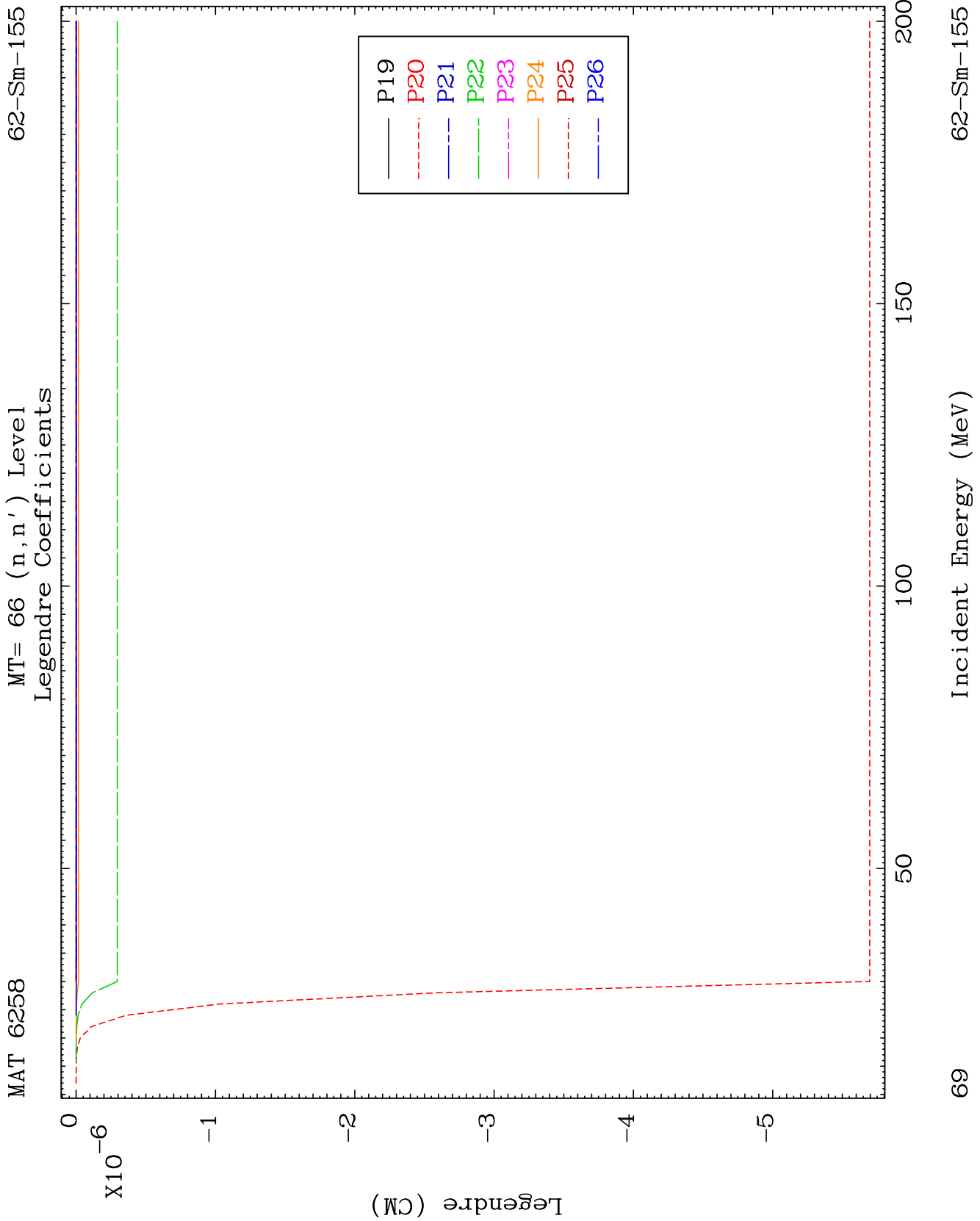
62-Sm-155



68

Incident Energy (MeV)

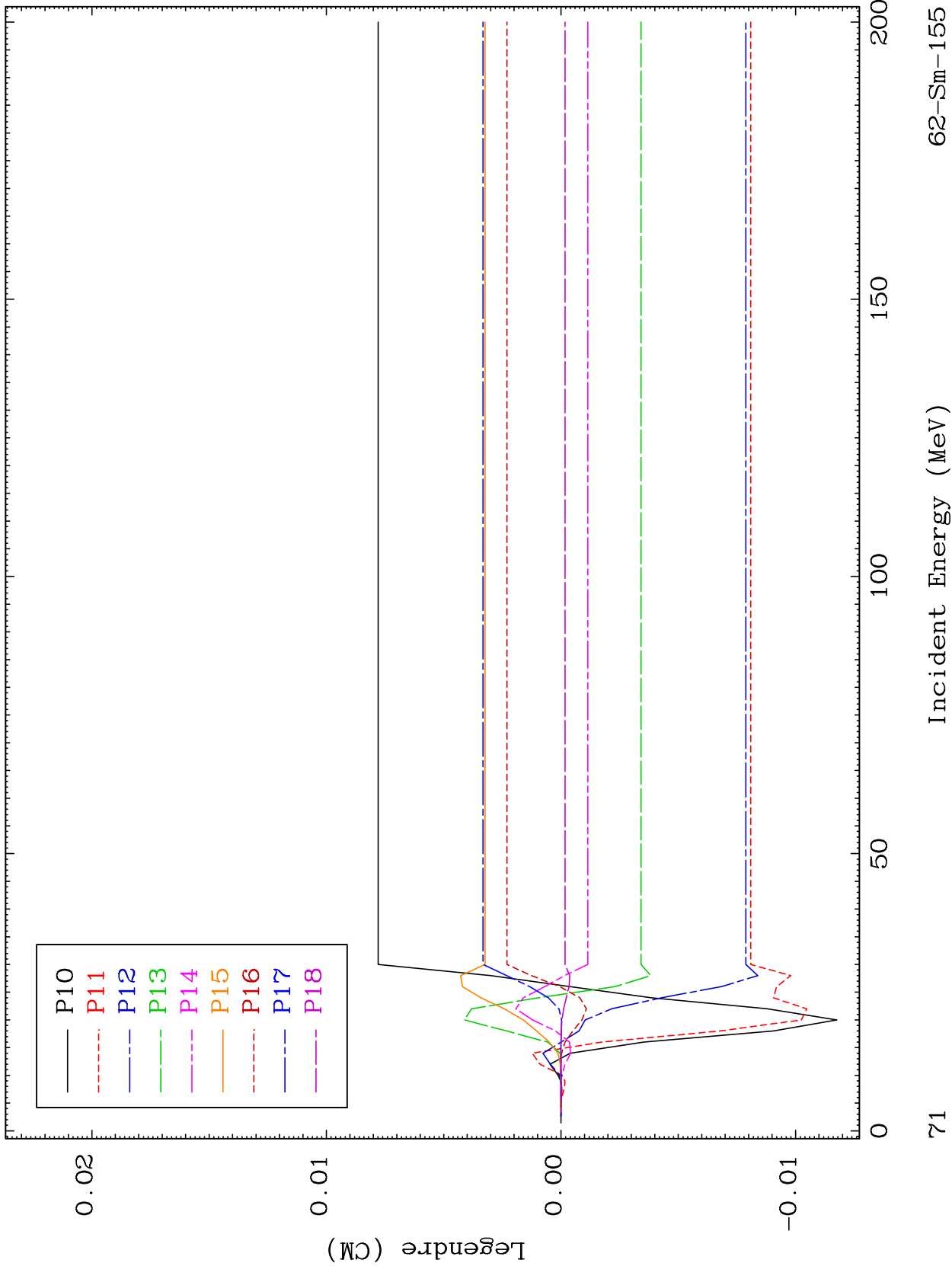
62-Sm-155



MAT 6258

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

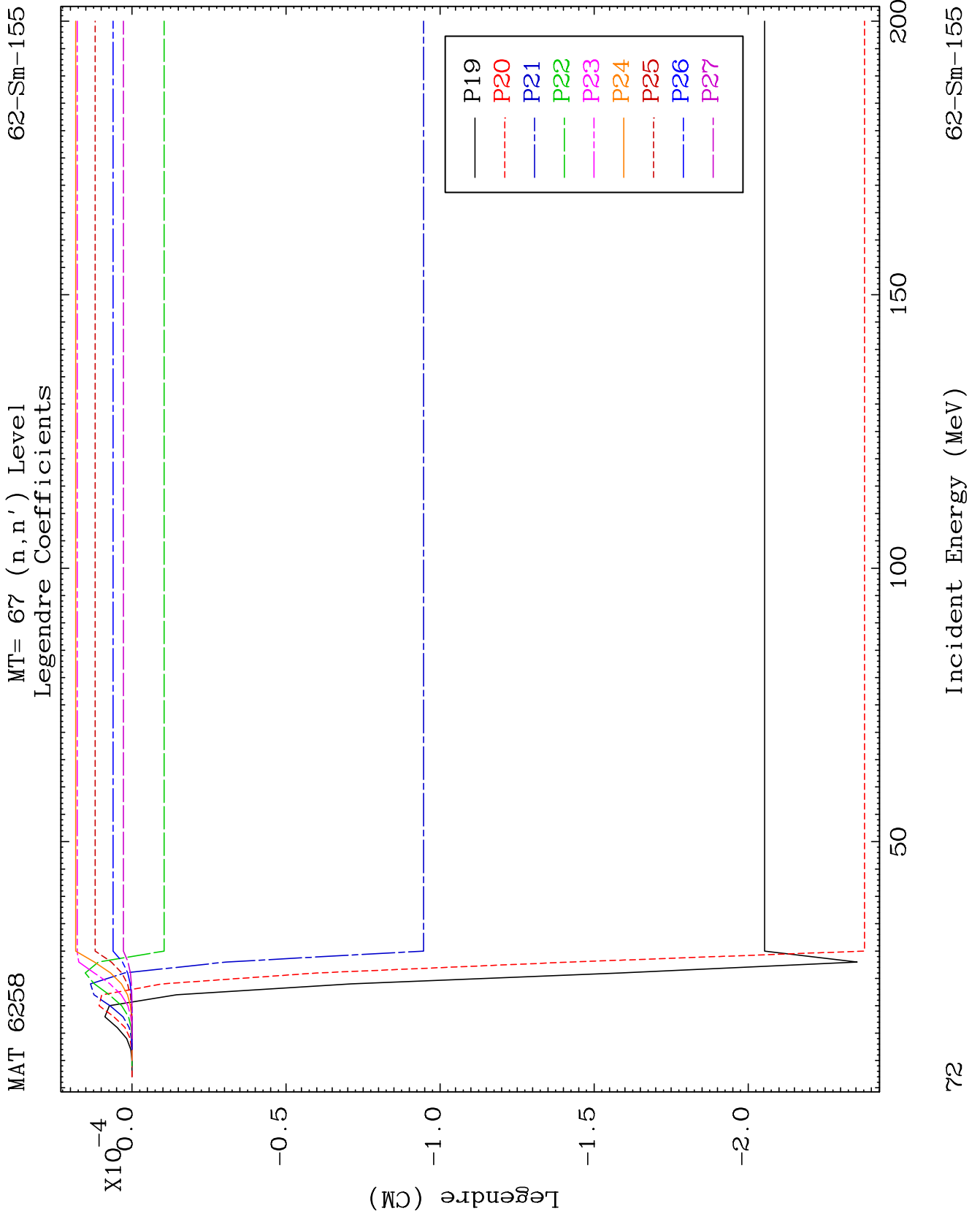
62-Sm-155



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Incident Energy (MeV)

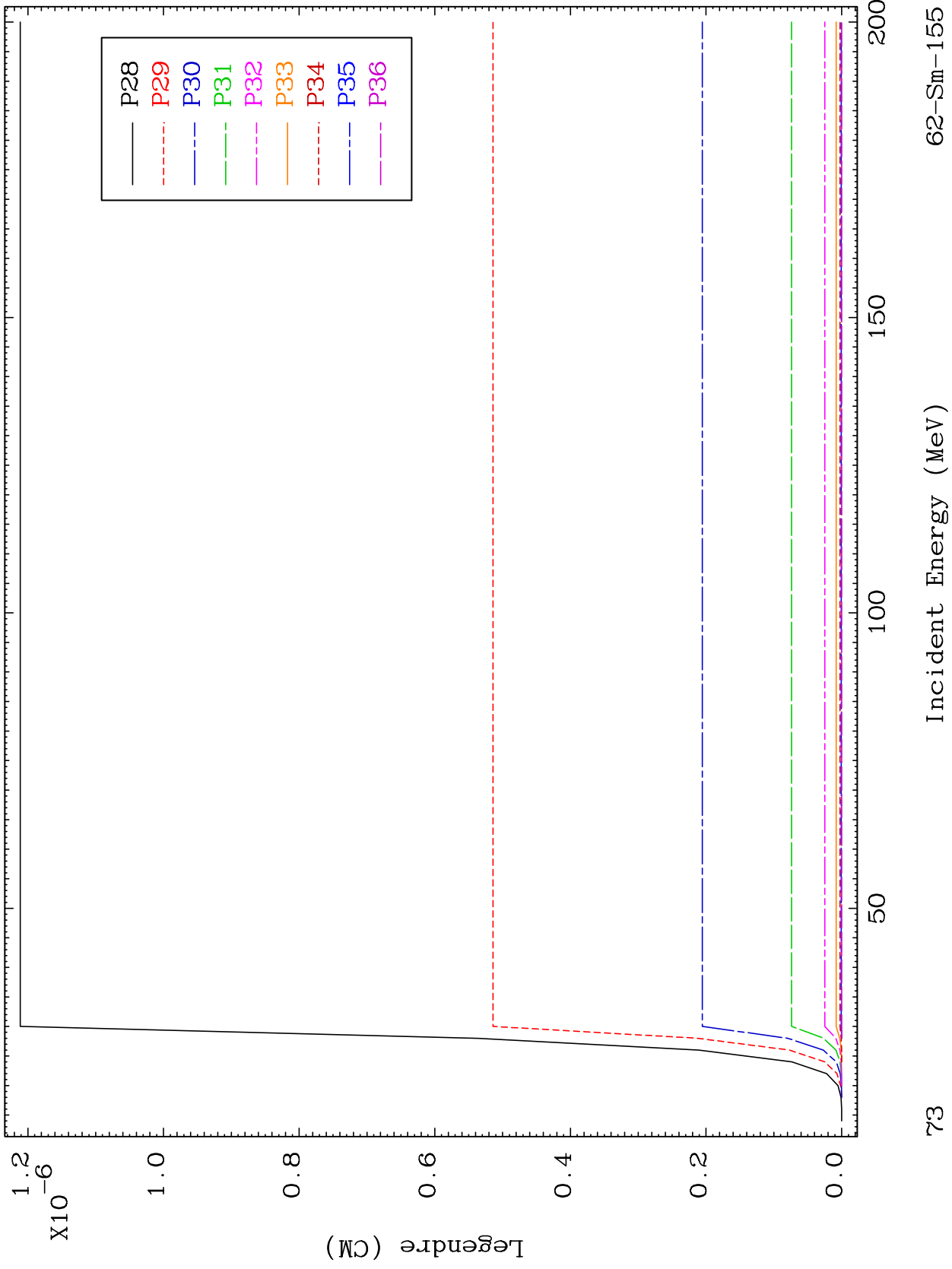
62-Sm-155



MAT 6258

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

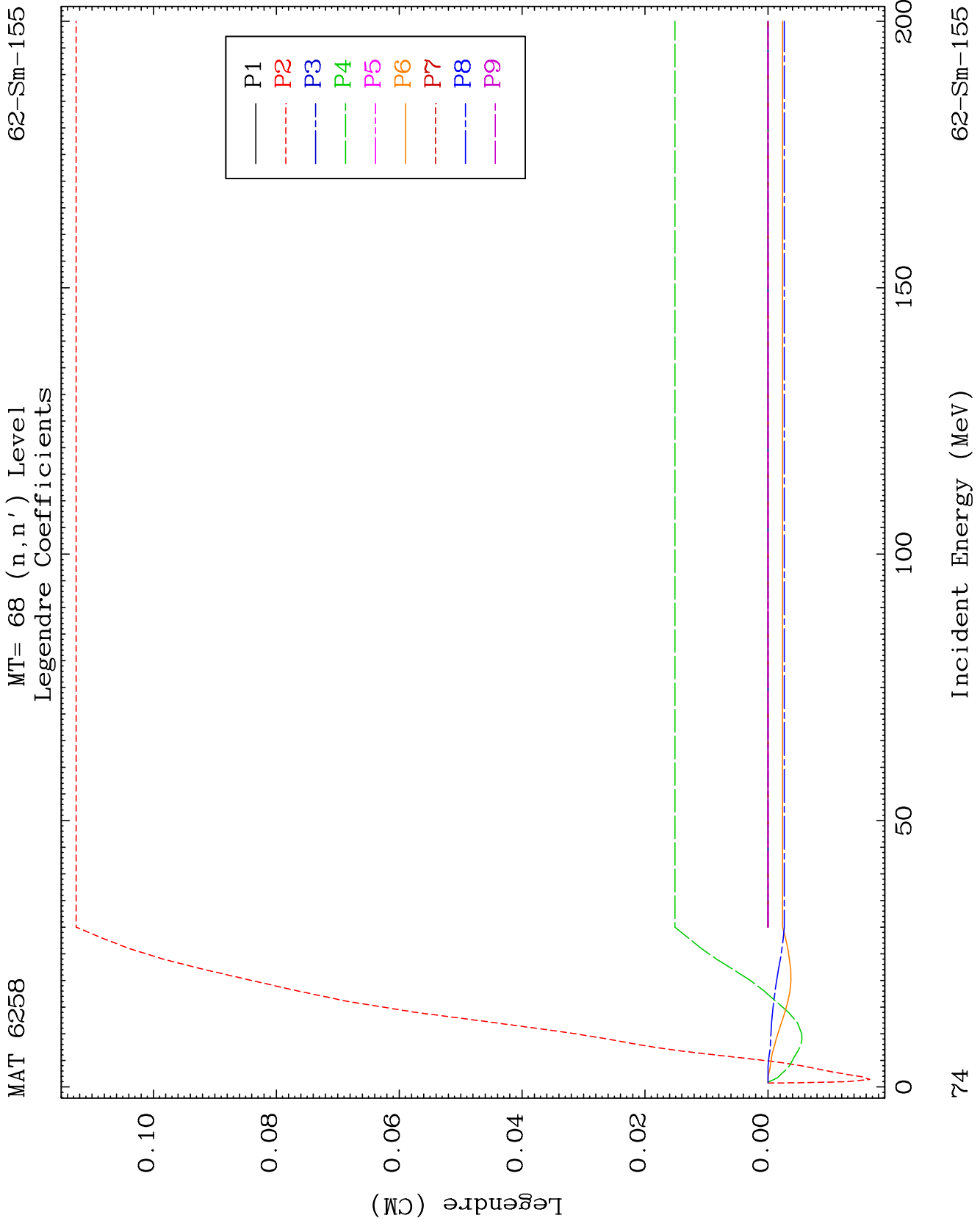
62-Sm-155

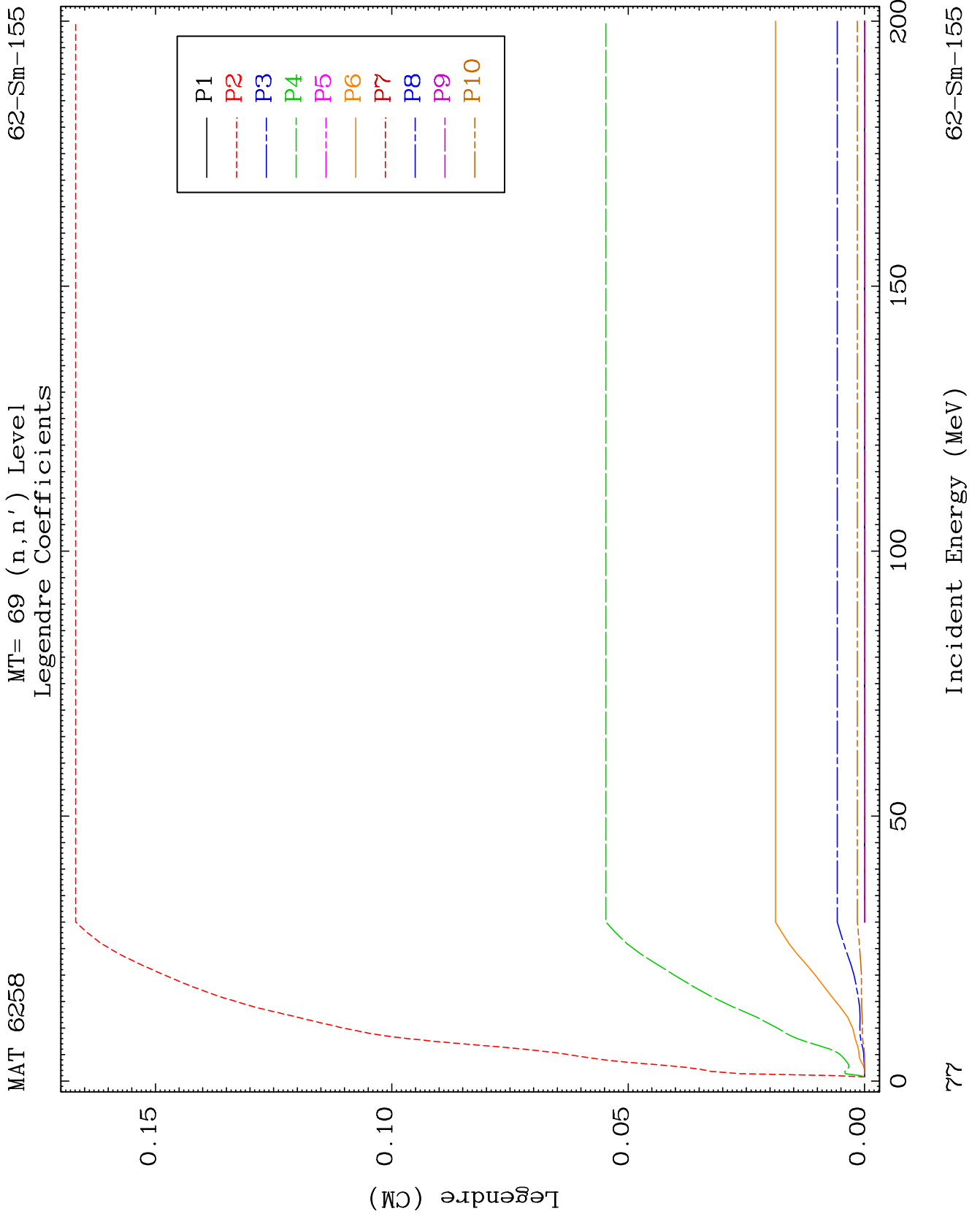


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Incident Energy (MeV)

62-Sm-155

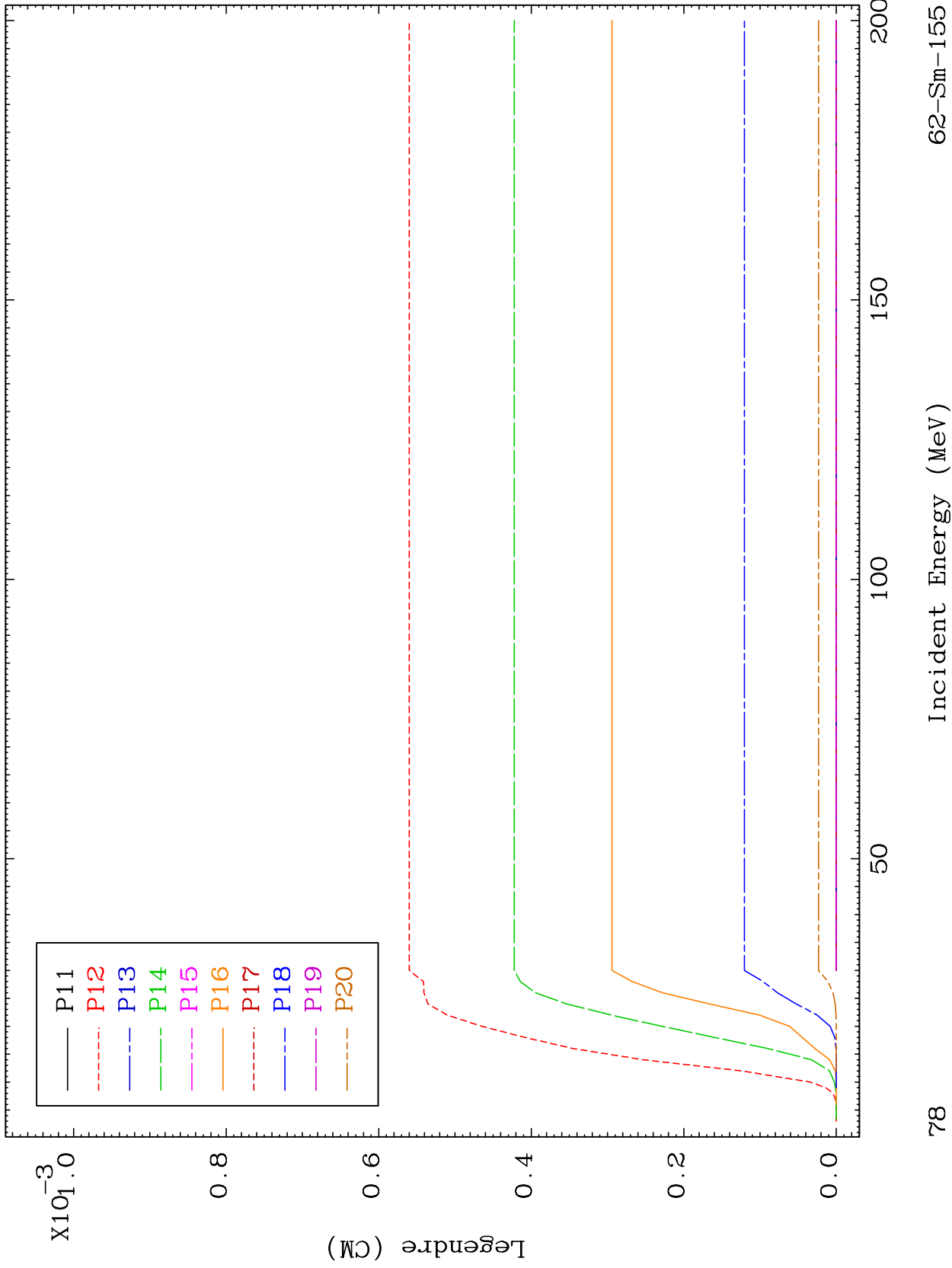




MAT 6258

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

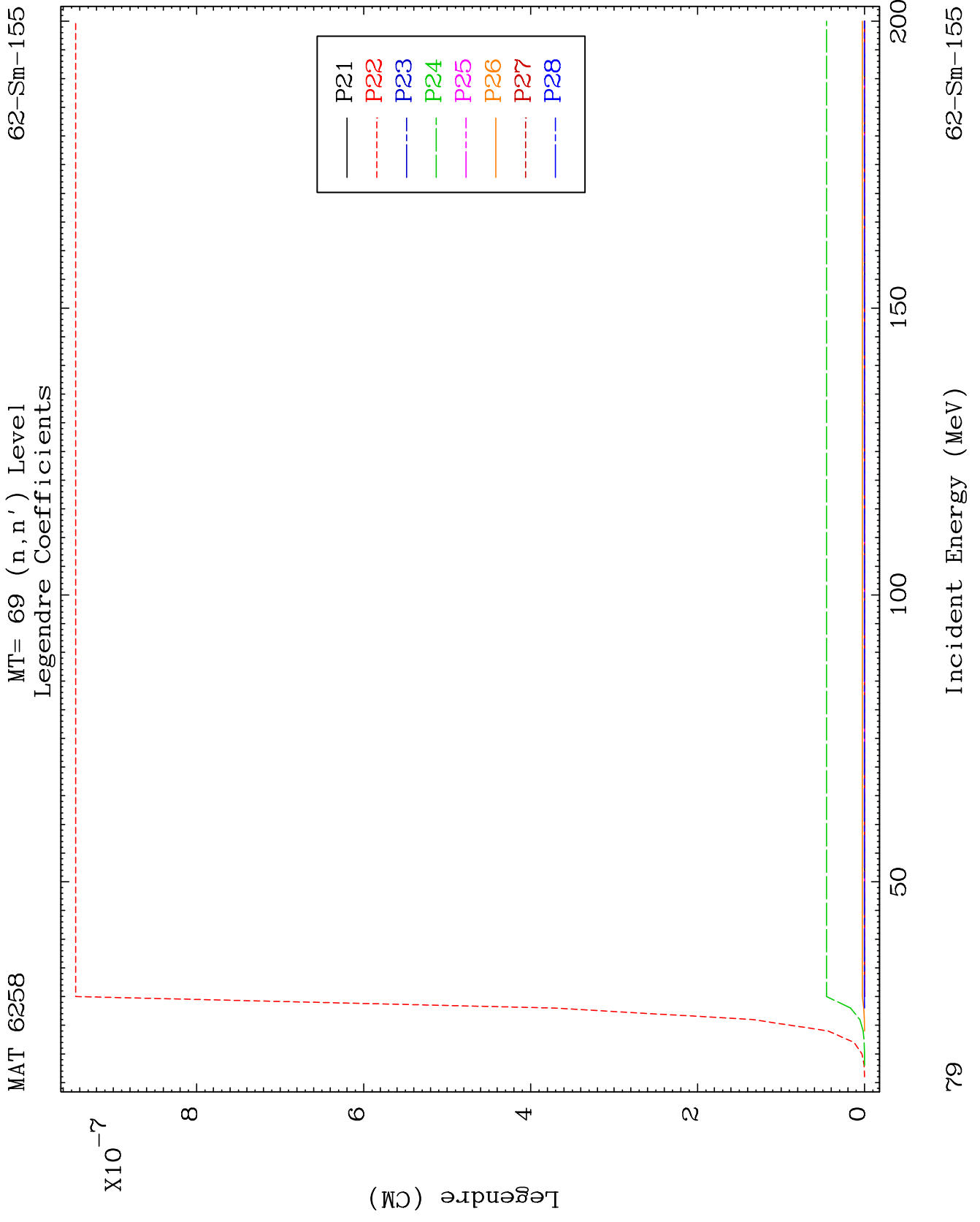
62-Sm-155

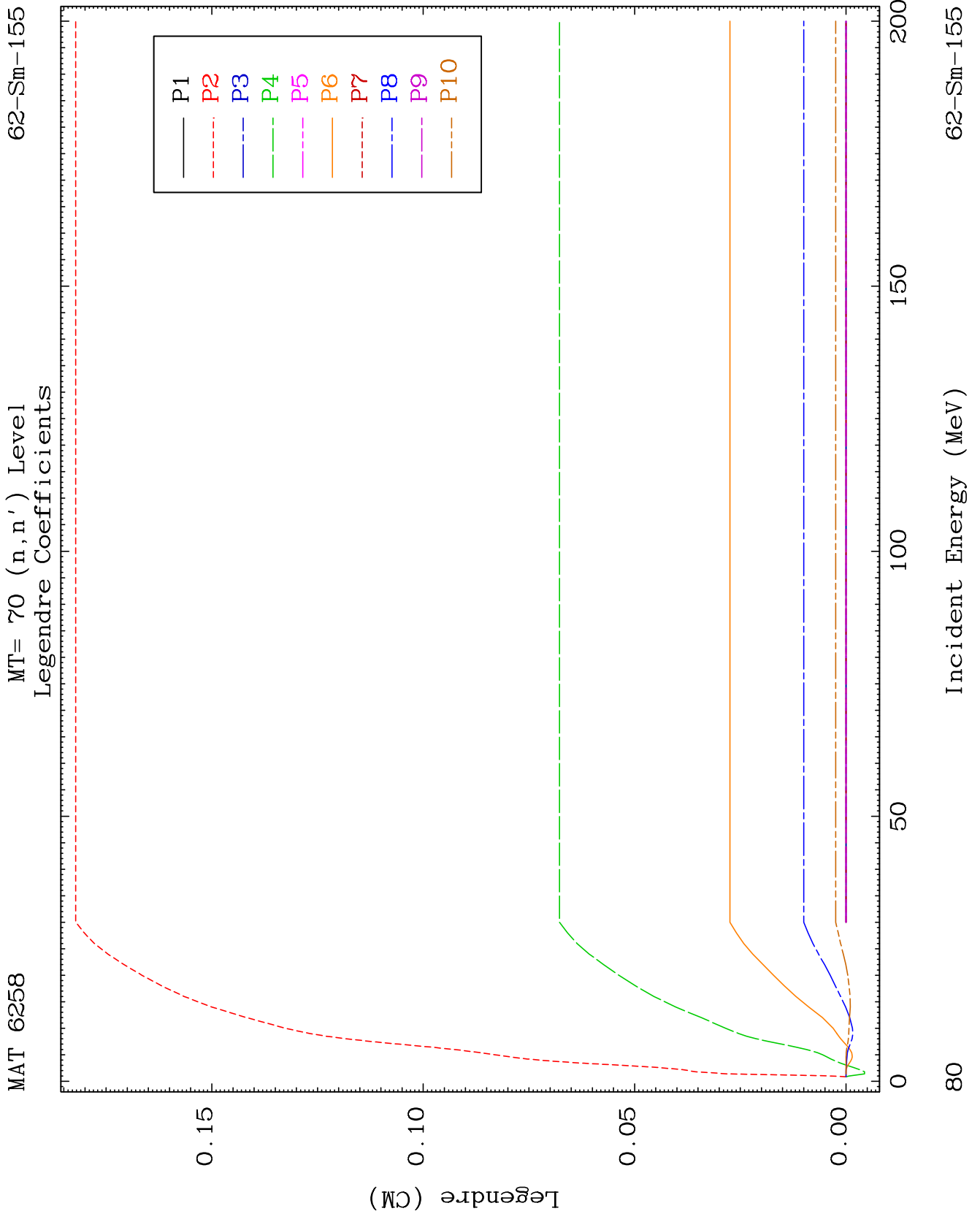


78

Incident Energy (MeV)

62-Sm-155

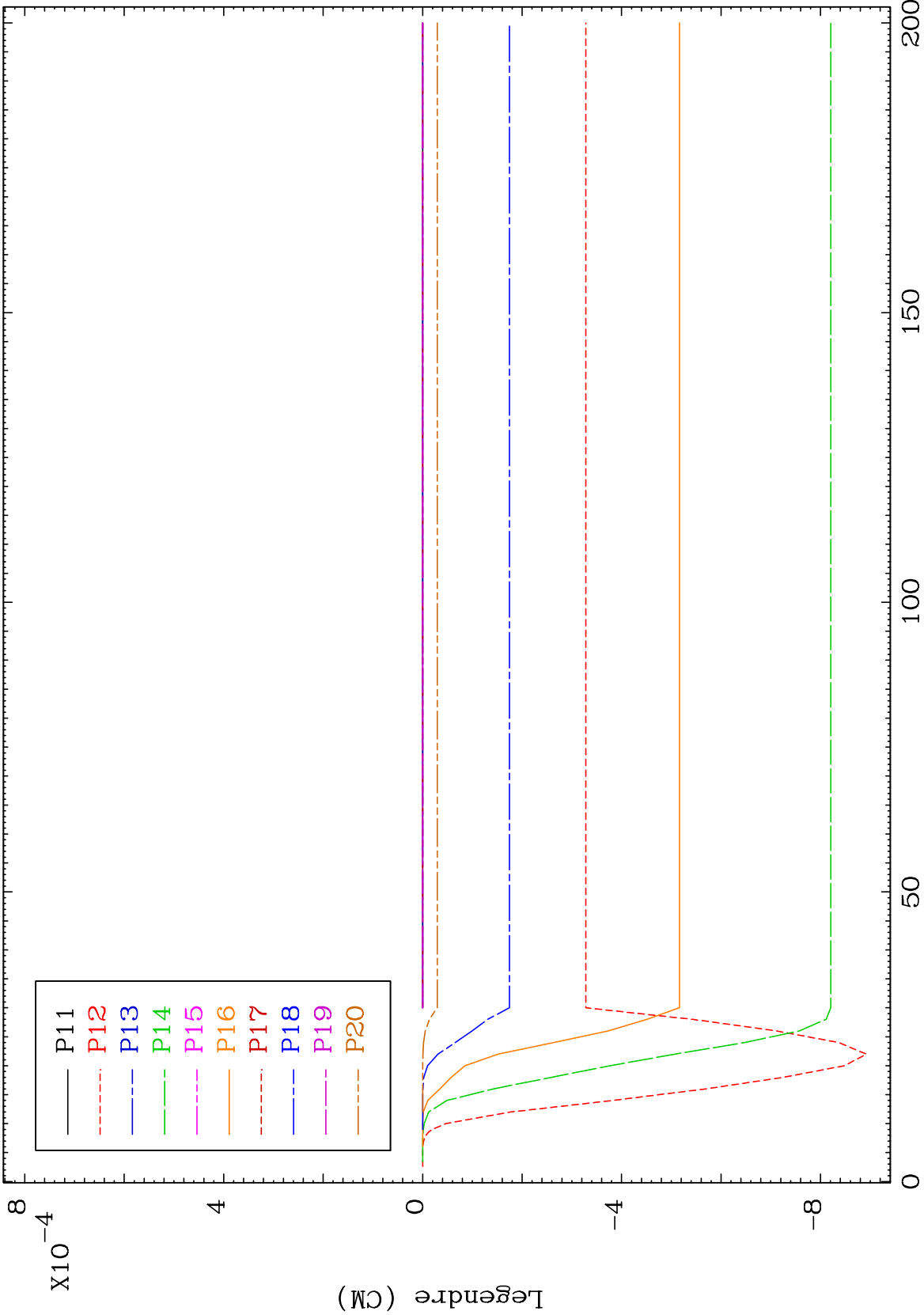




MAT 6258

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

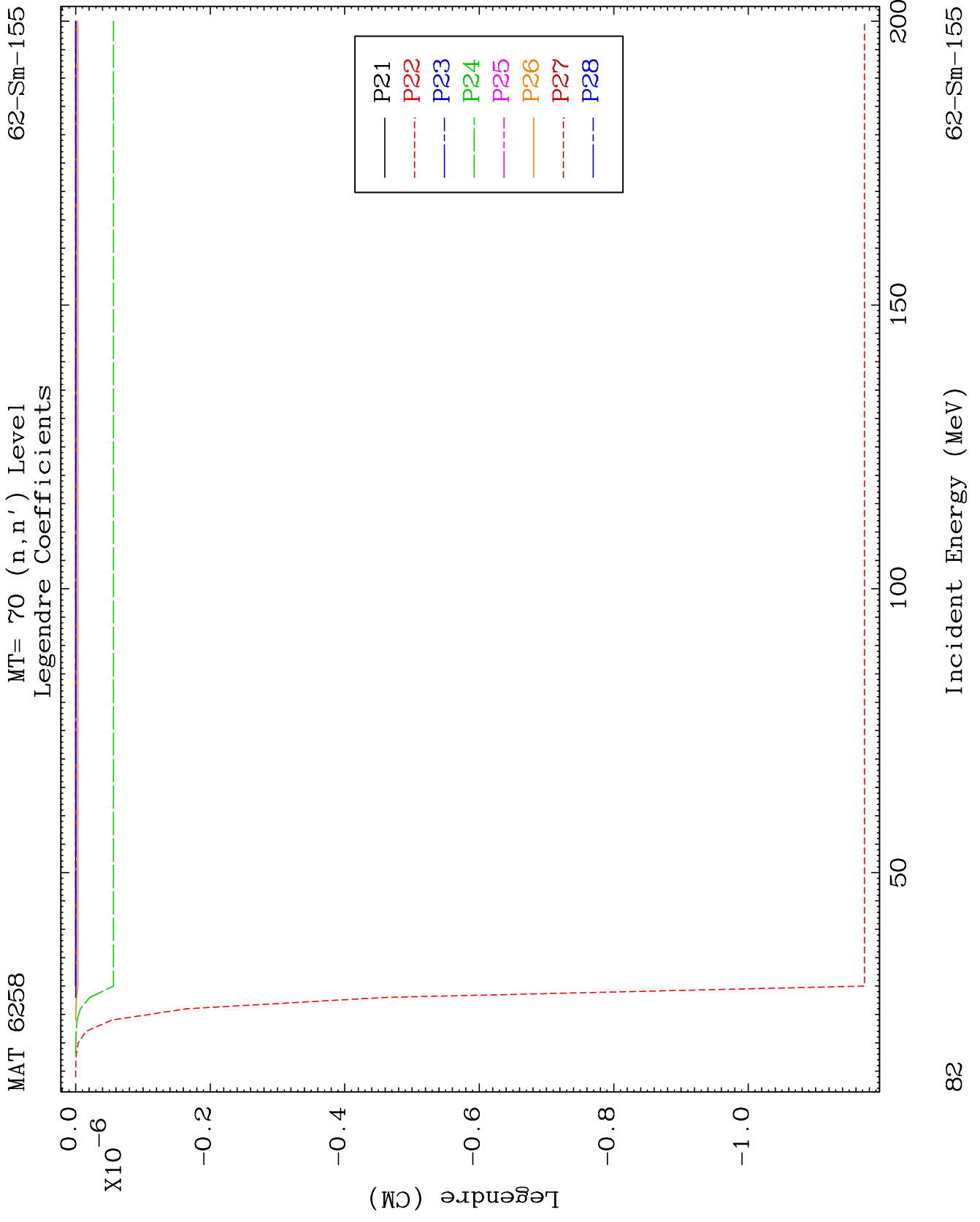
62-Sm-155

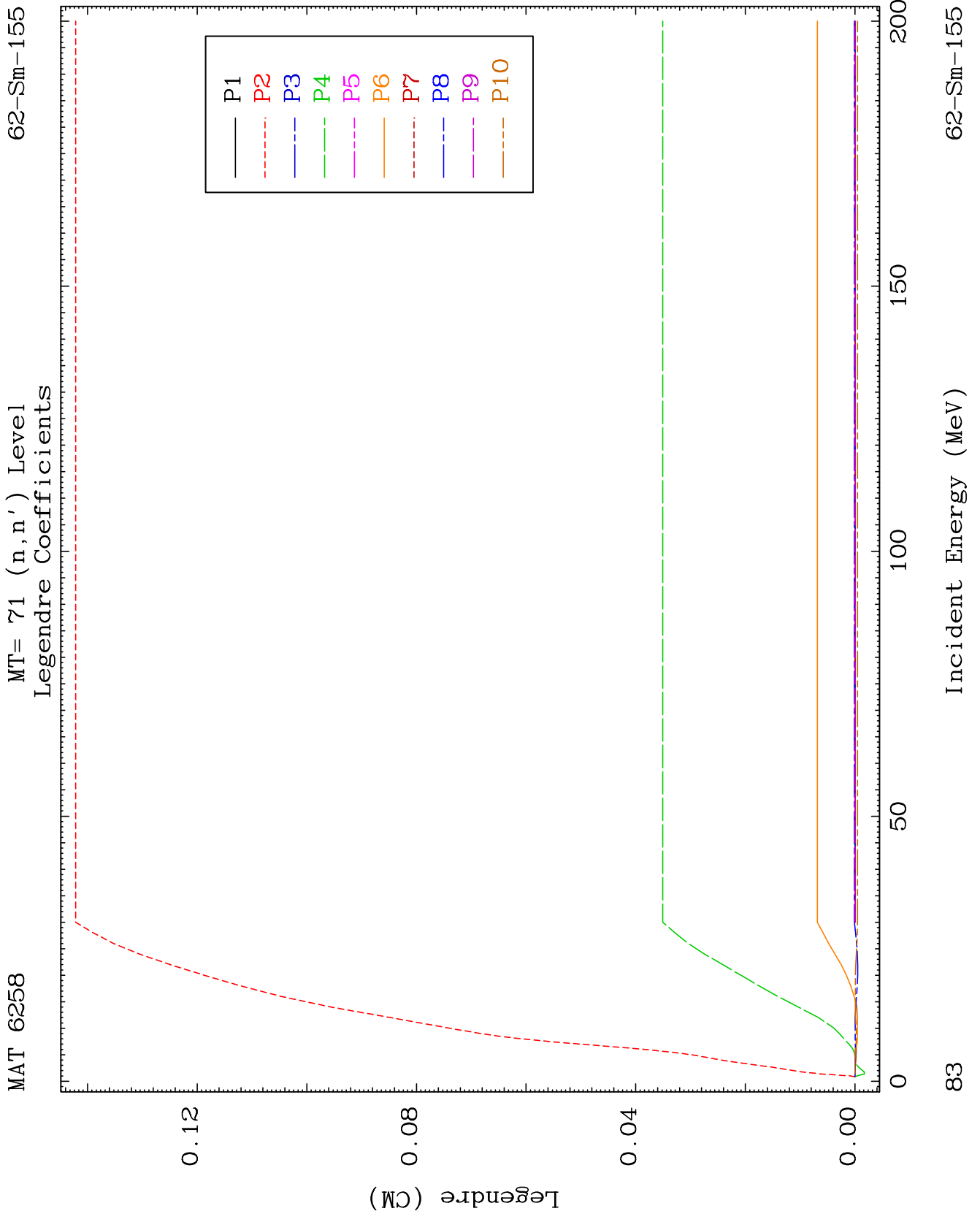


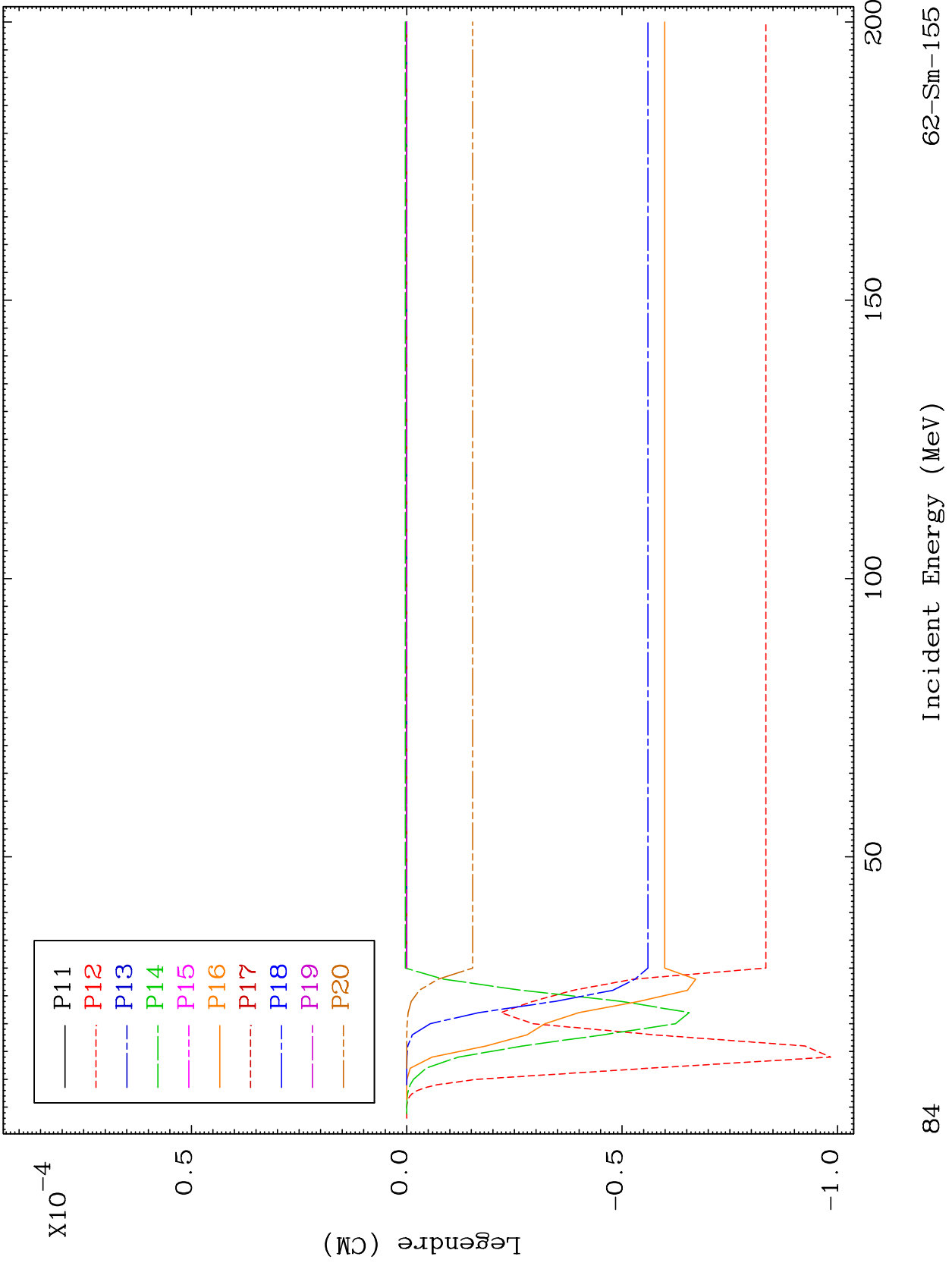
81

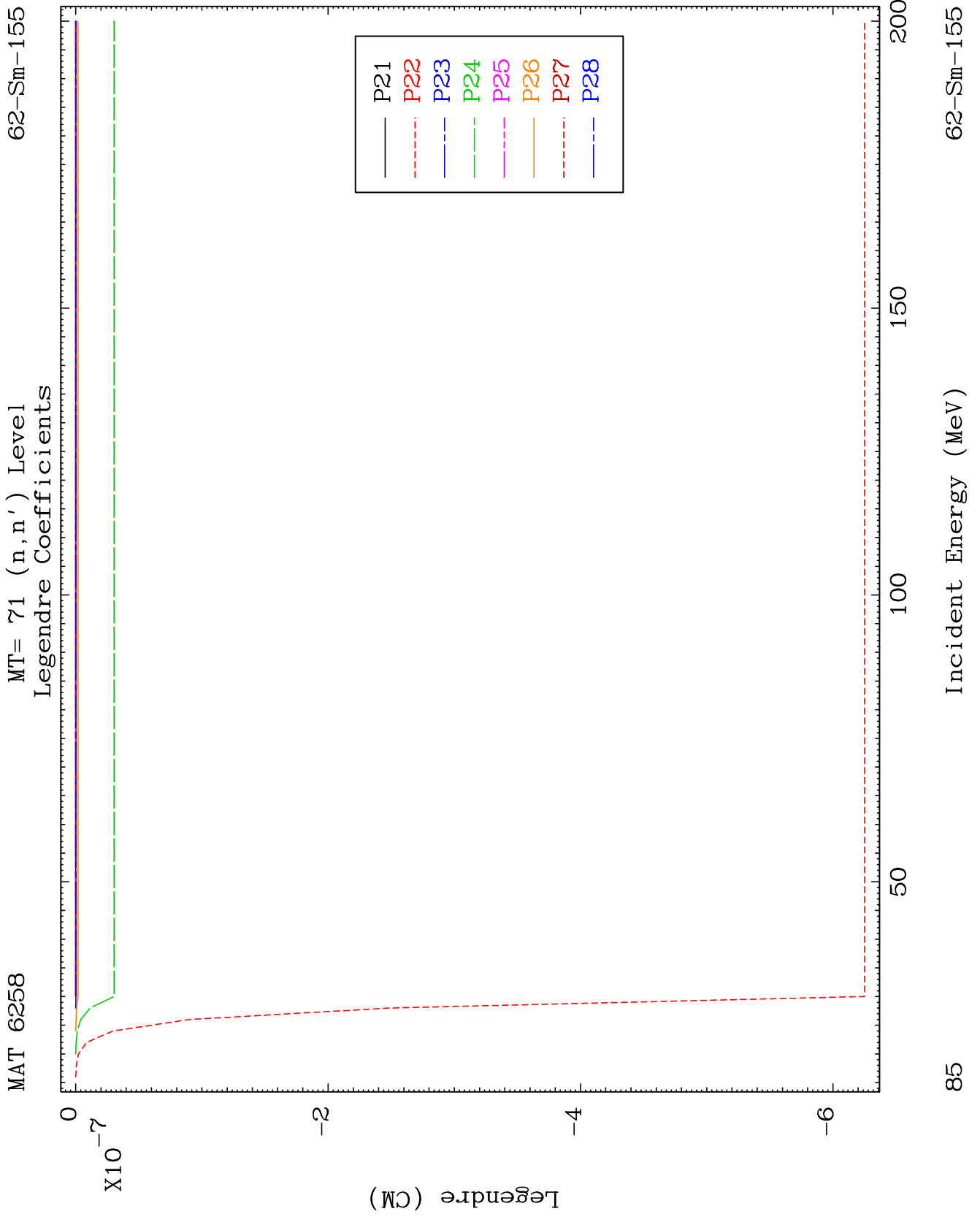
Incident Energy (MeV)

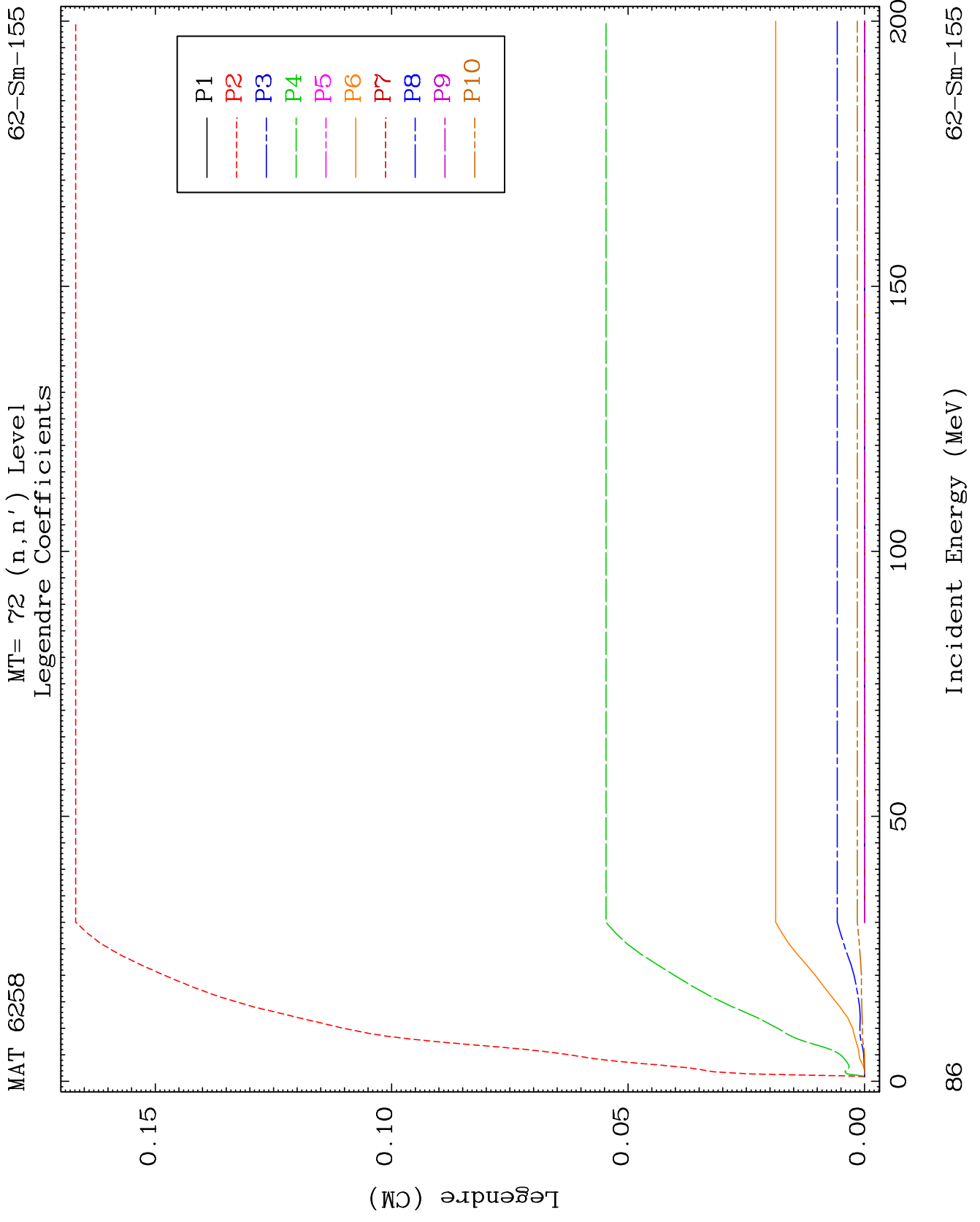
62-Sm-155

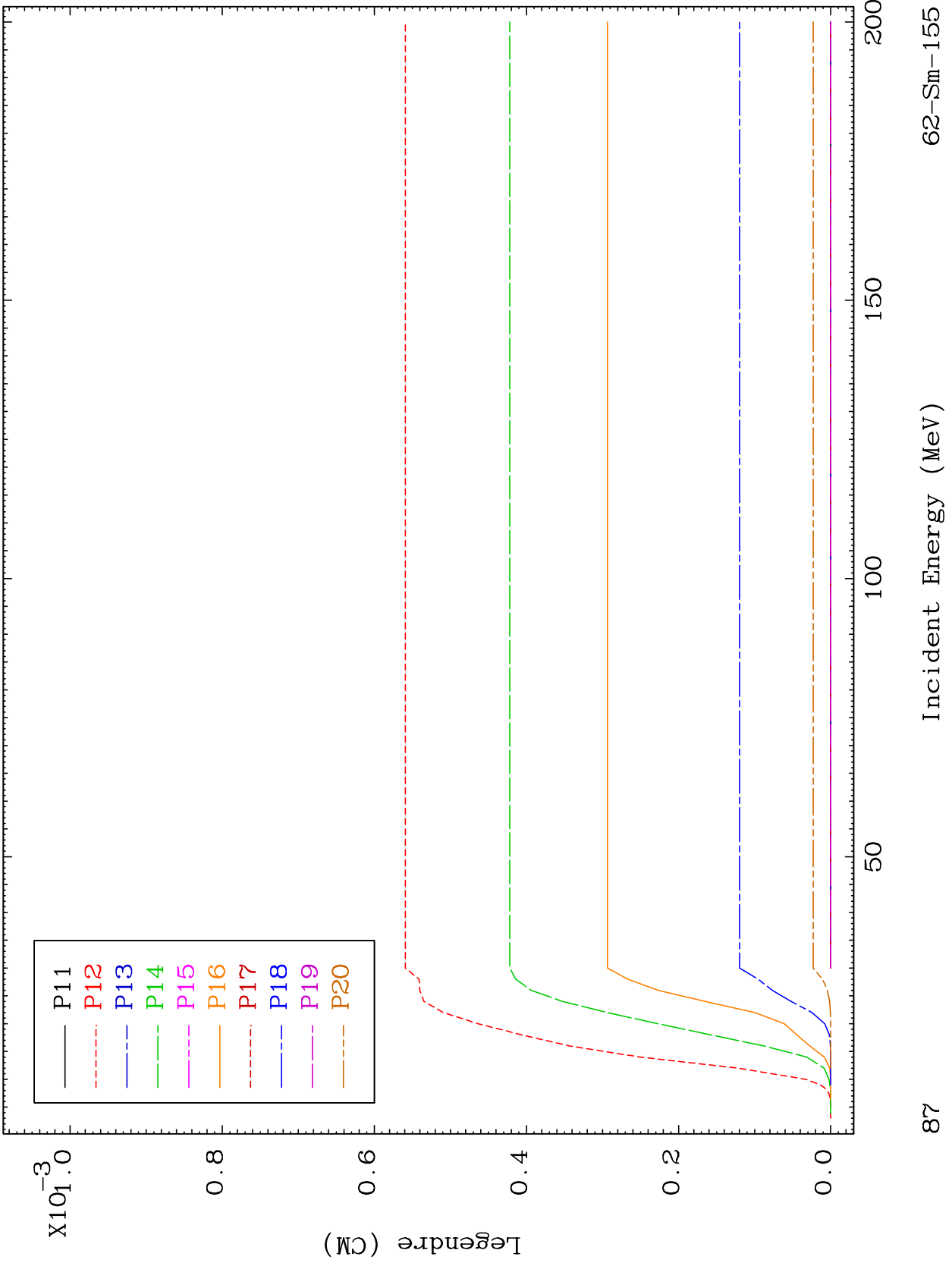


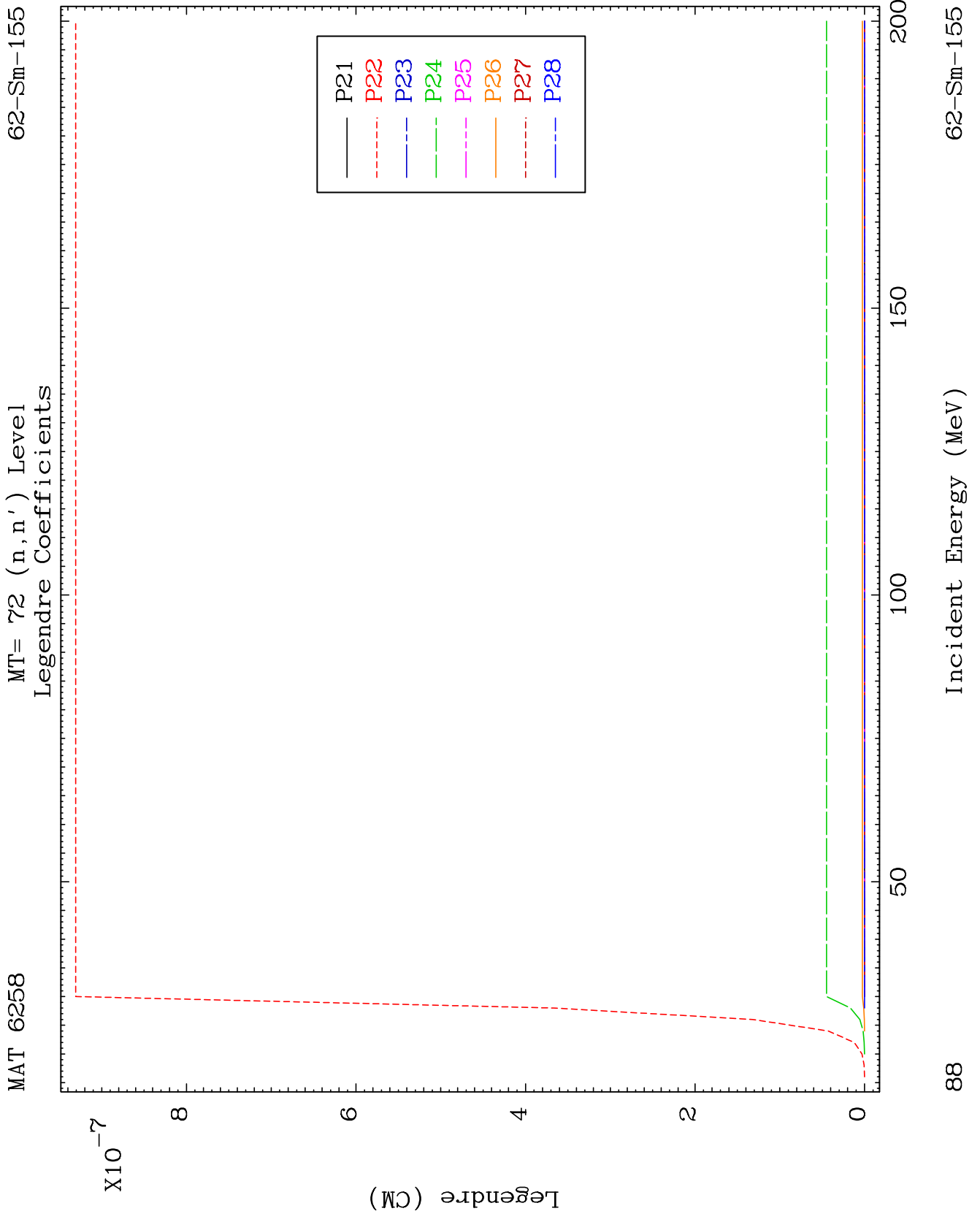








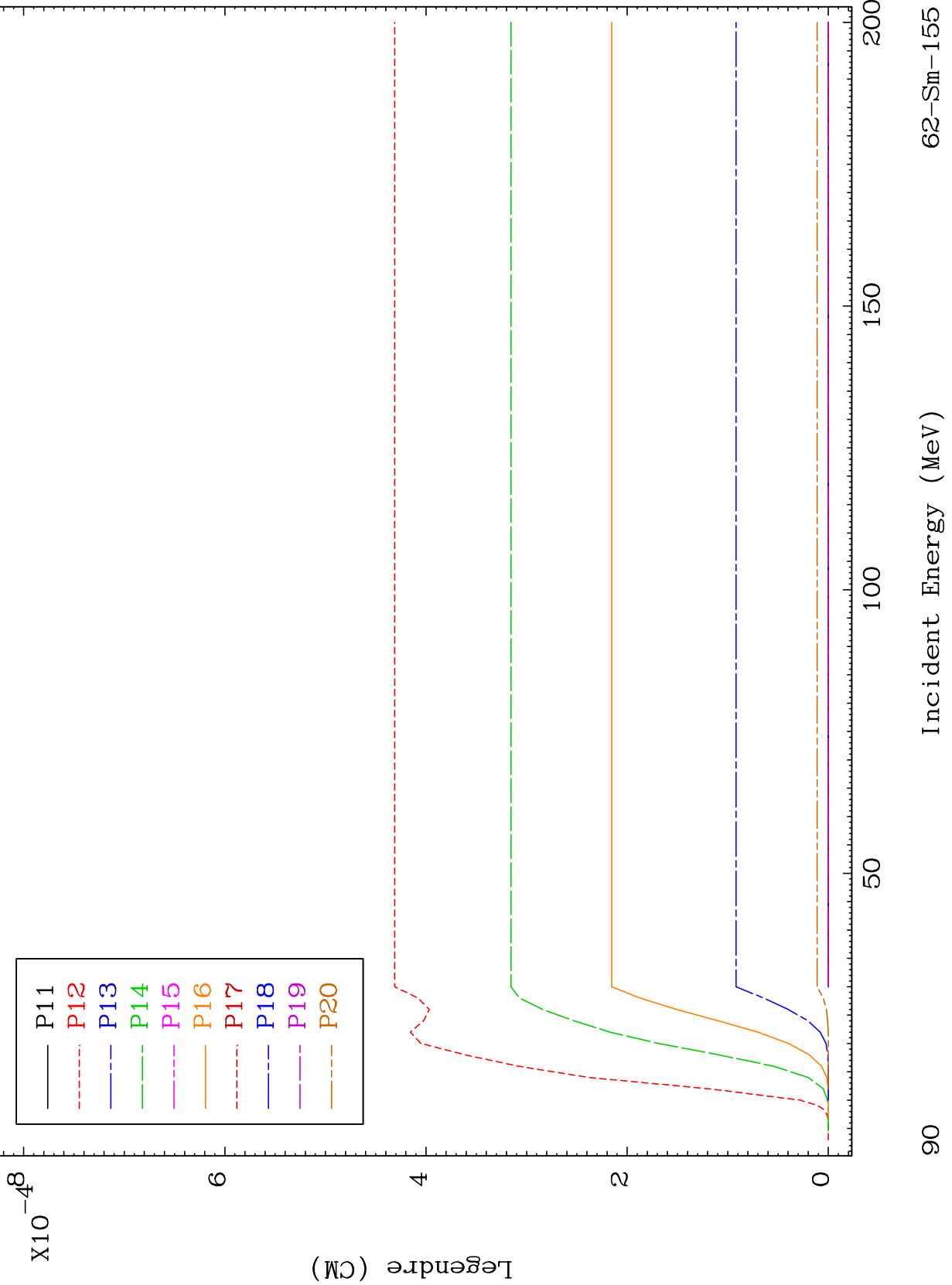




MAT 6258

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

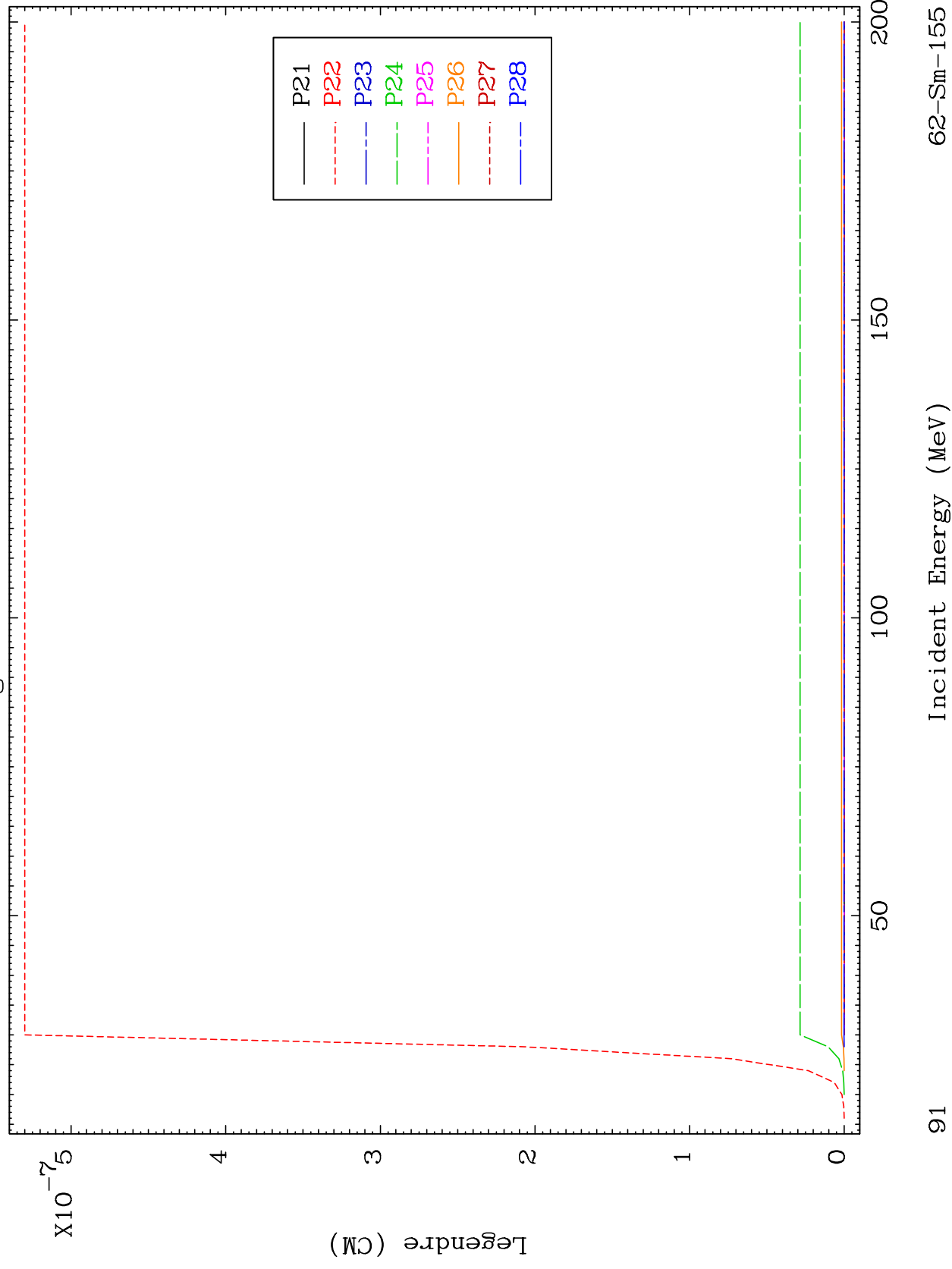
62-Sm-155



MAT 6258

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

62-Sm-155



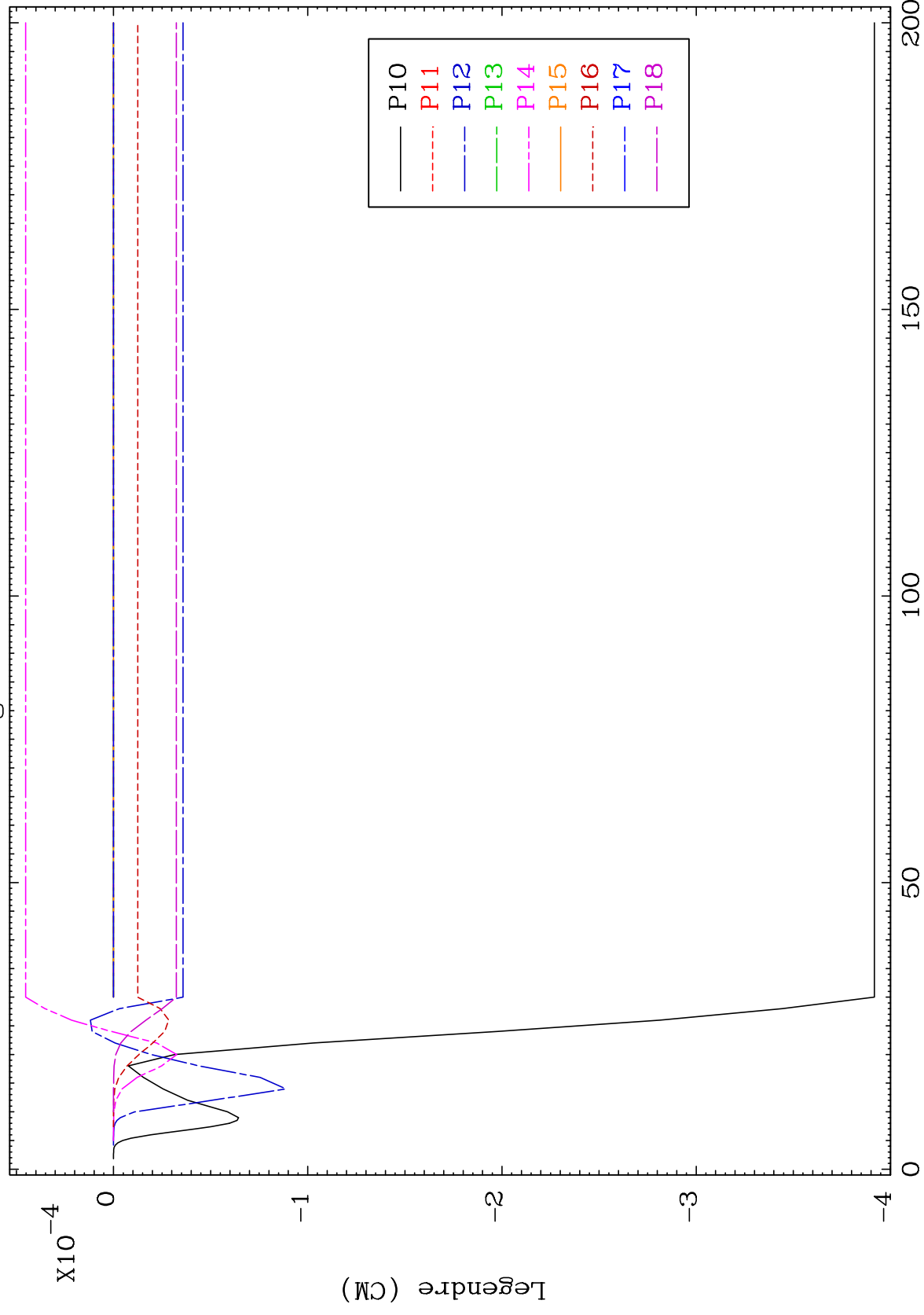
91

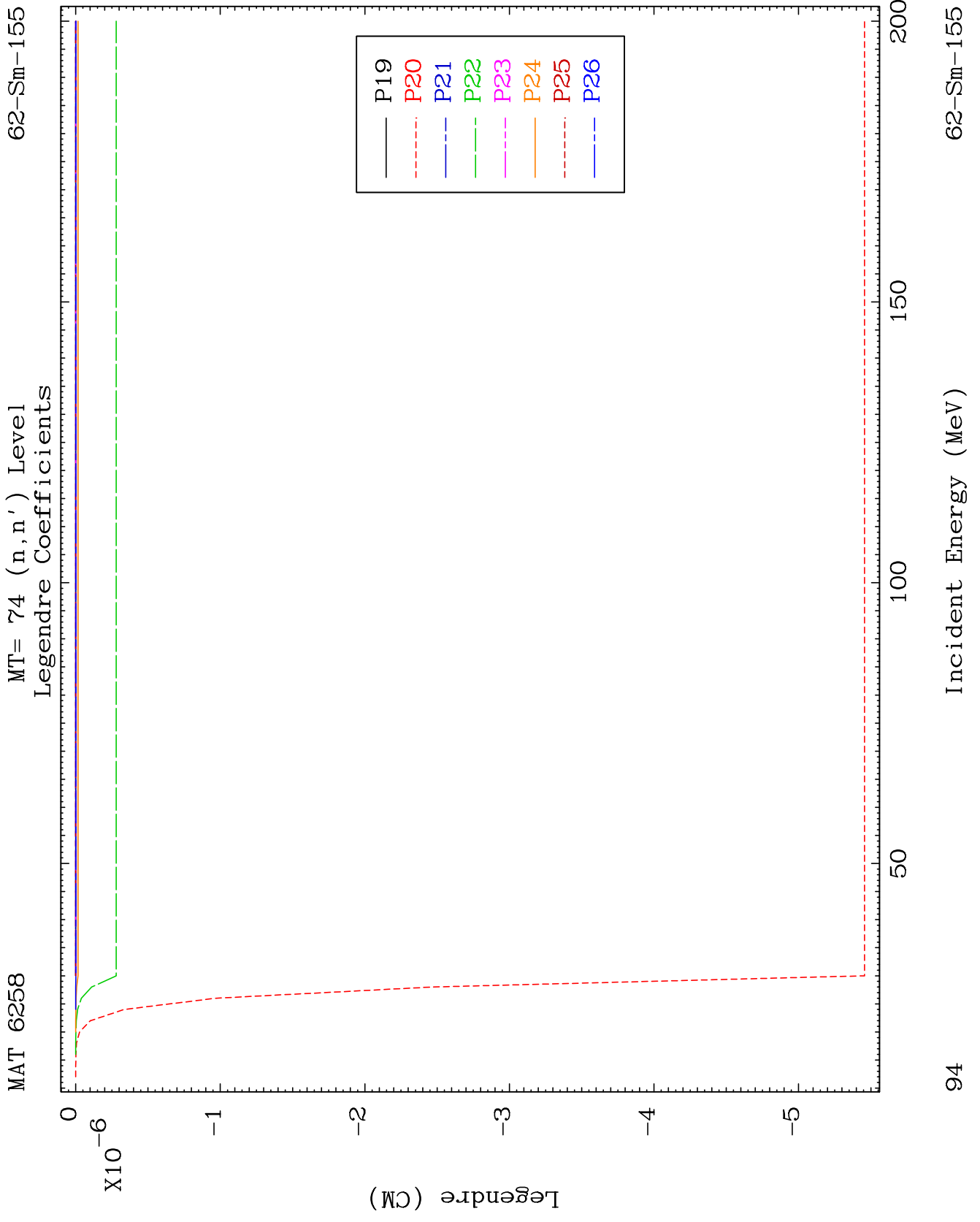
62-Sm-155

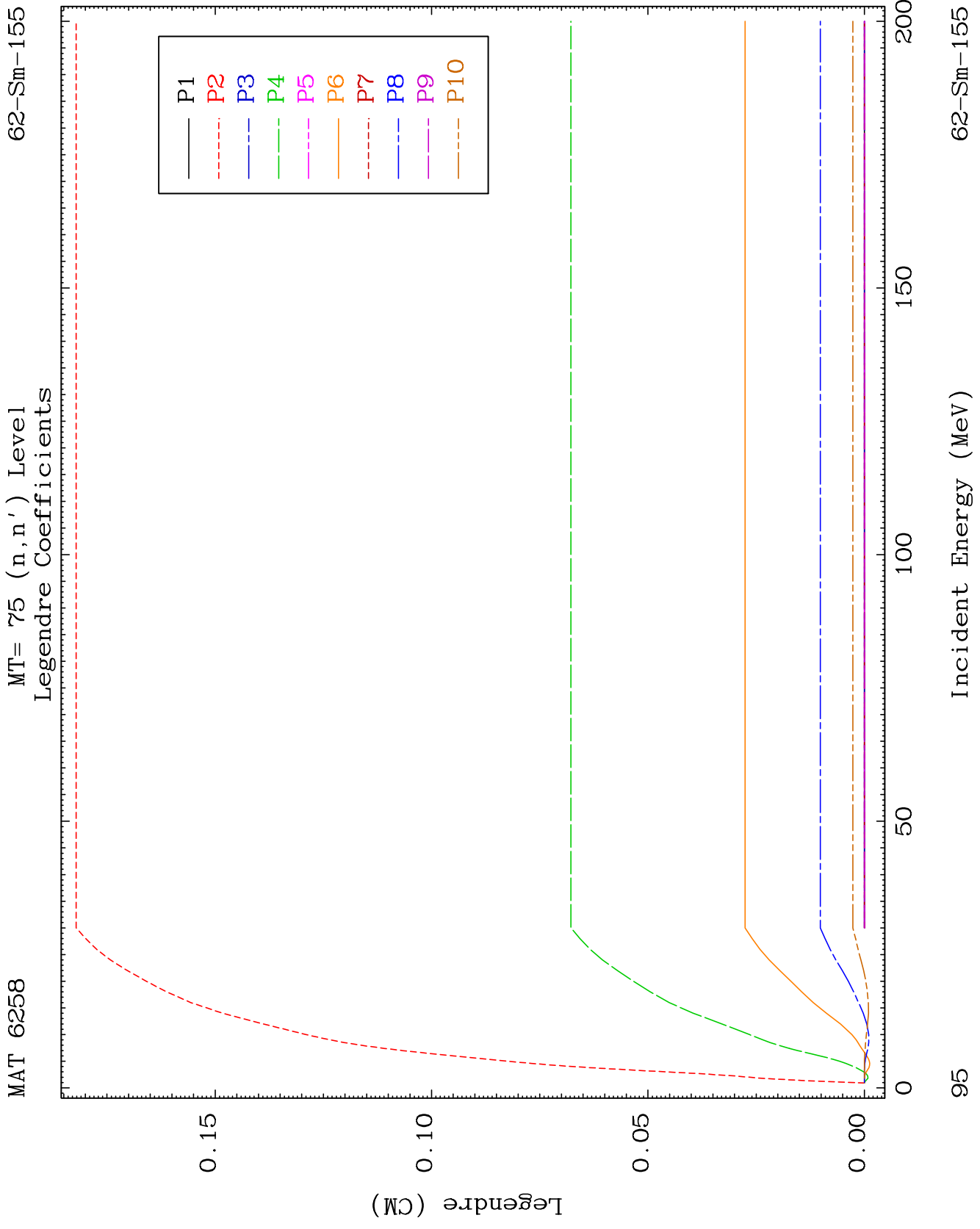
MAT 6258

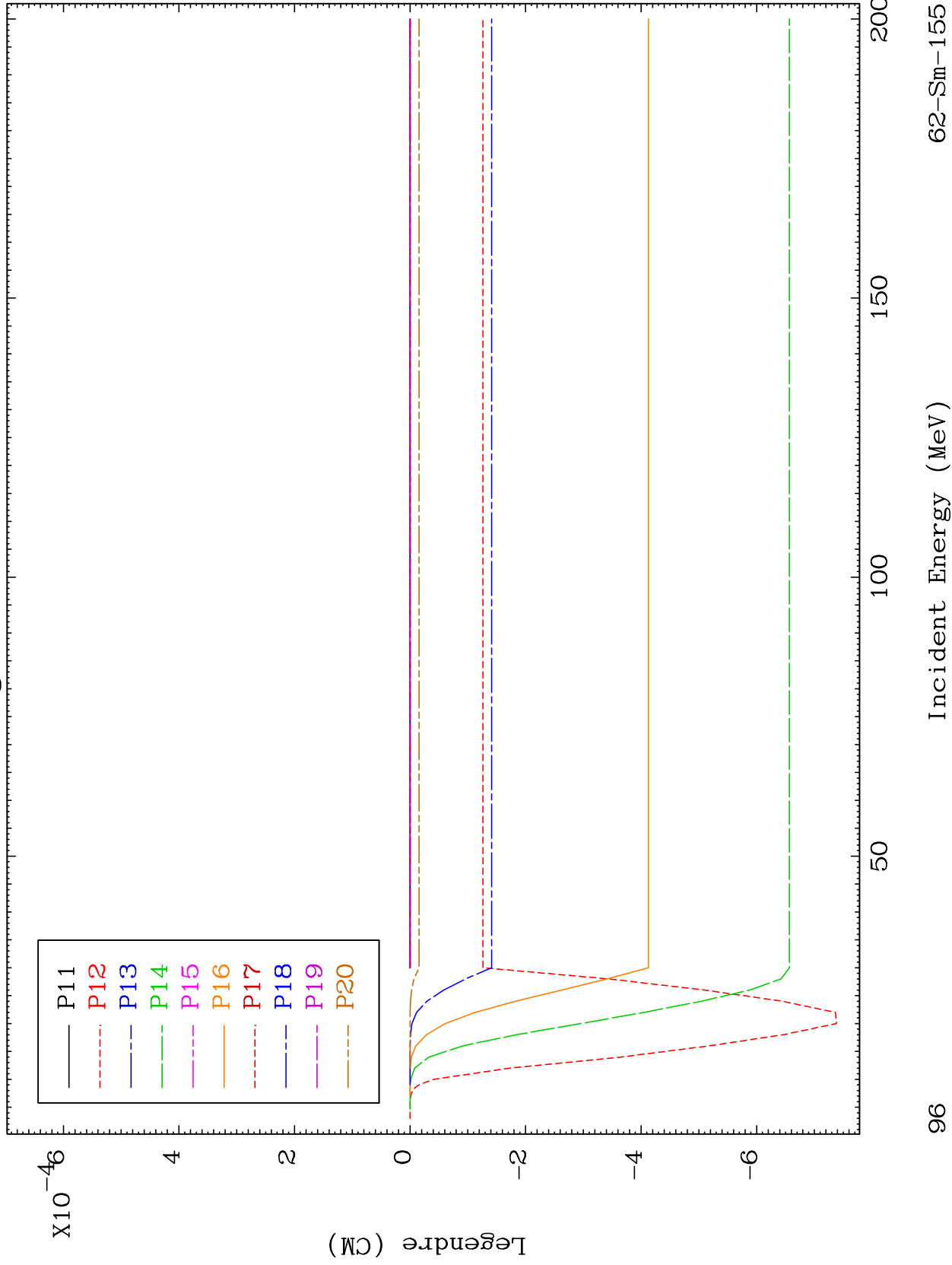
MT= 74 (n,n') Level
Legendre Coefficients

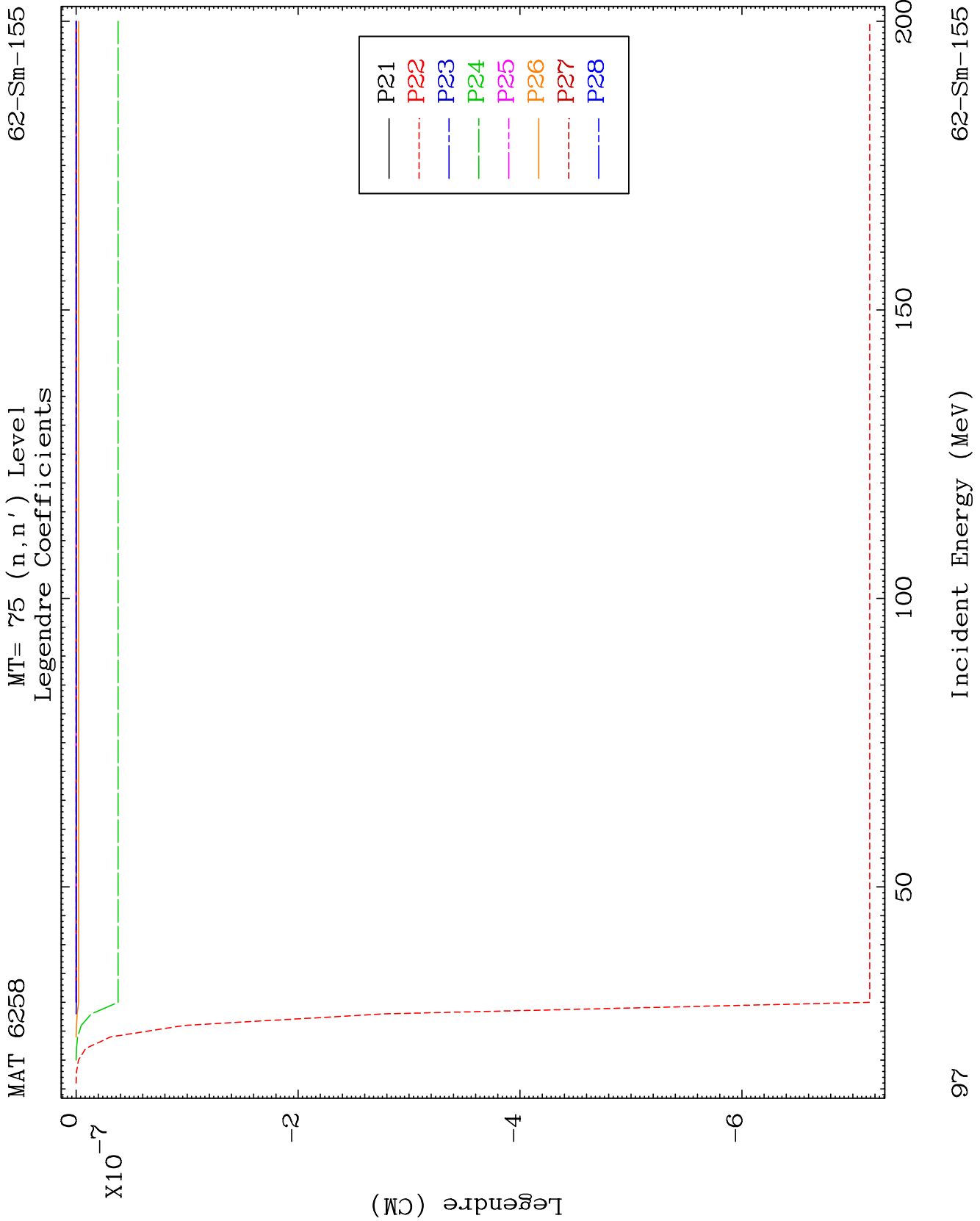
62-Sm-155

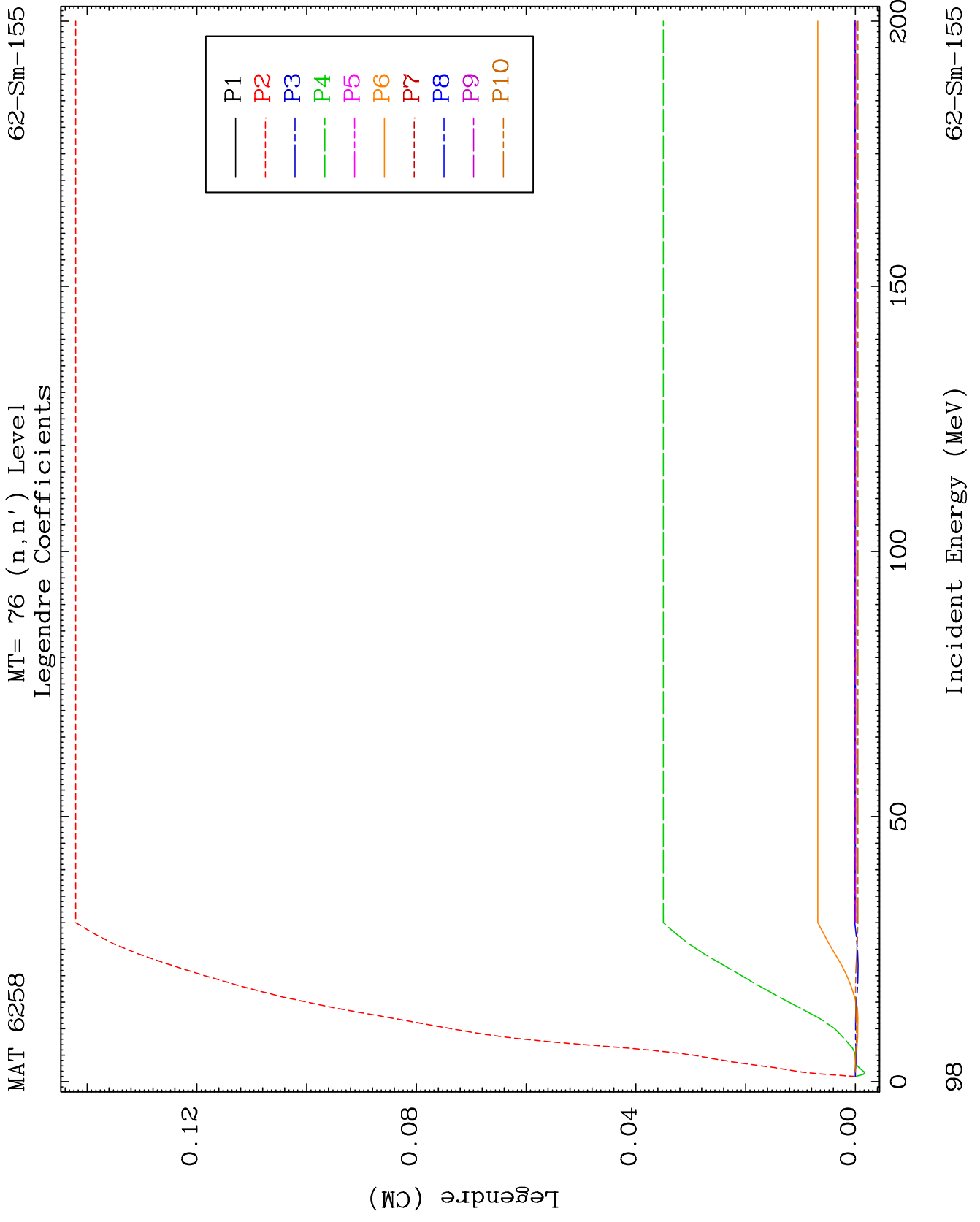








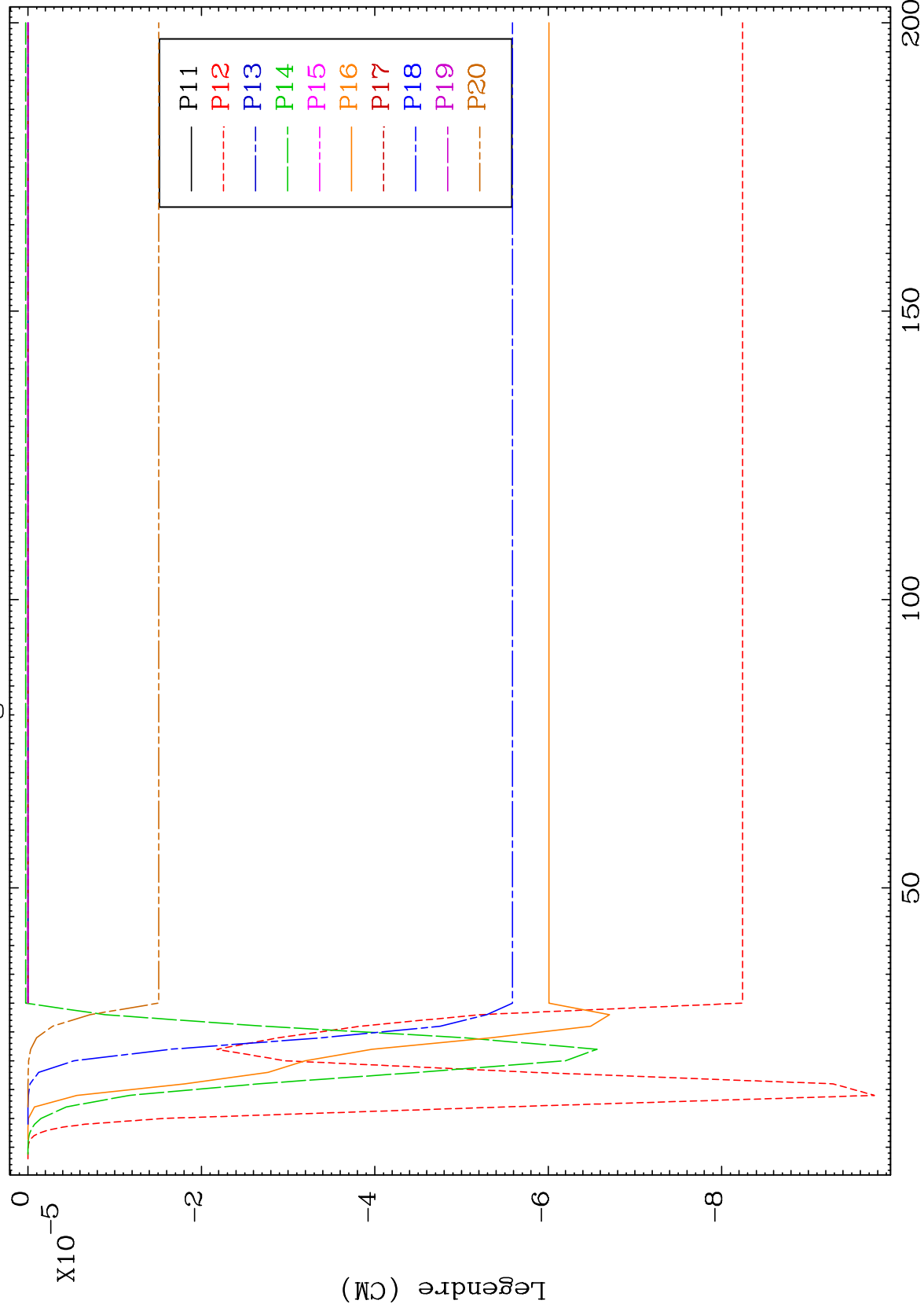




MAT 6258

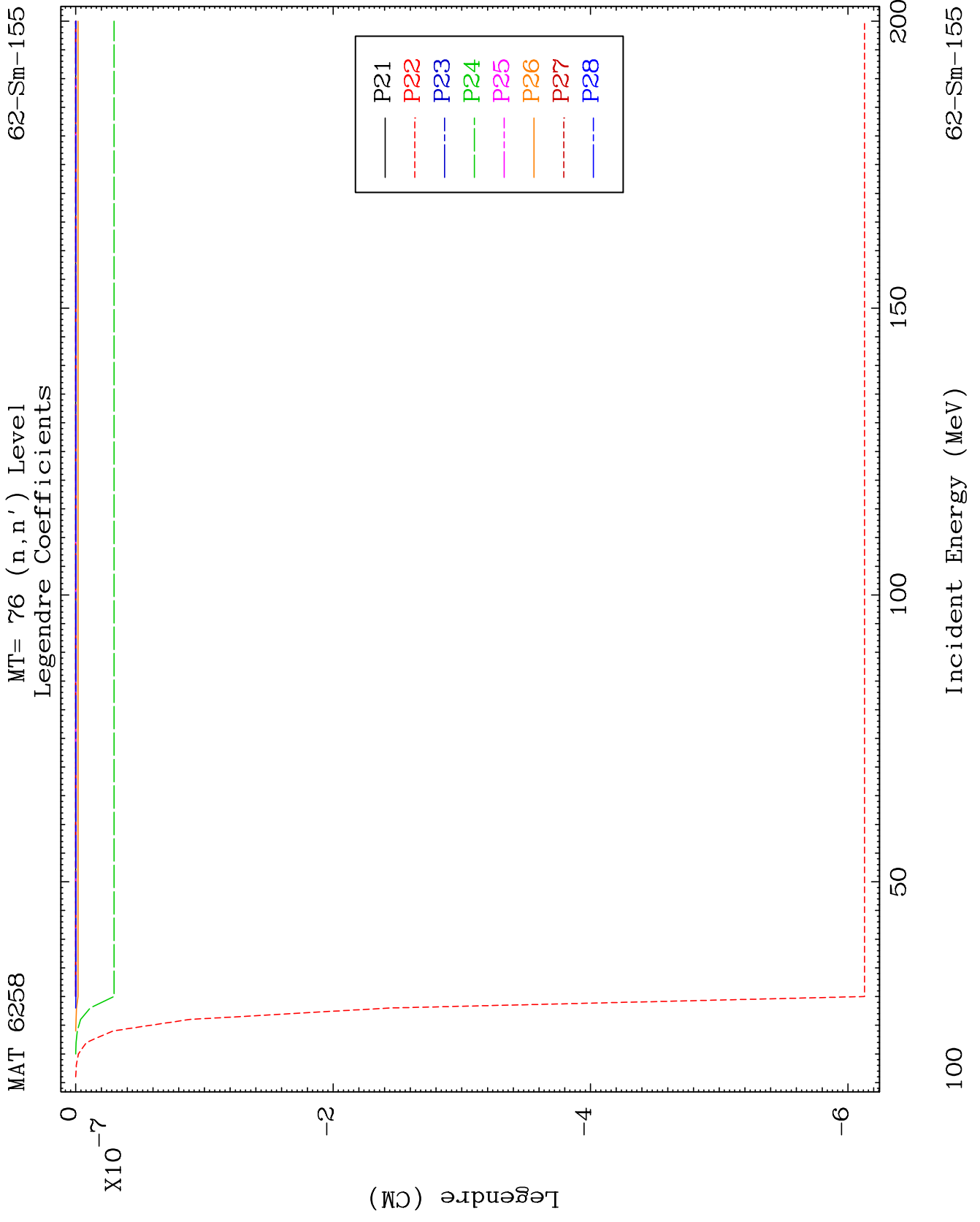
MT= 76 (n,n') Level
Legendre Coefficients

62-Sm-155



99

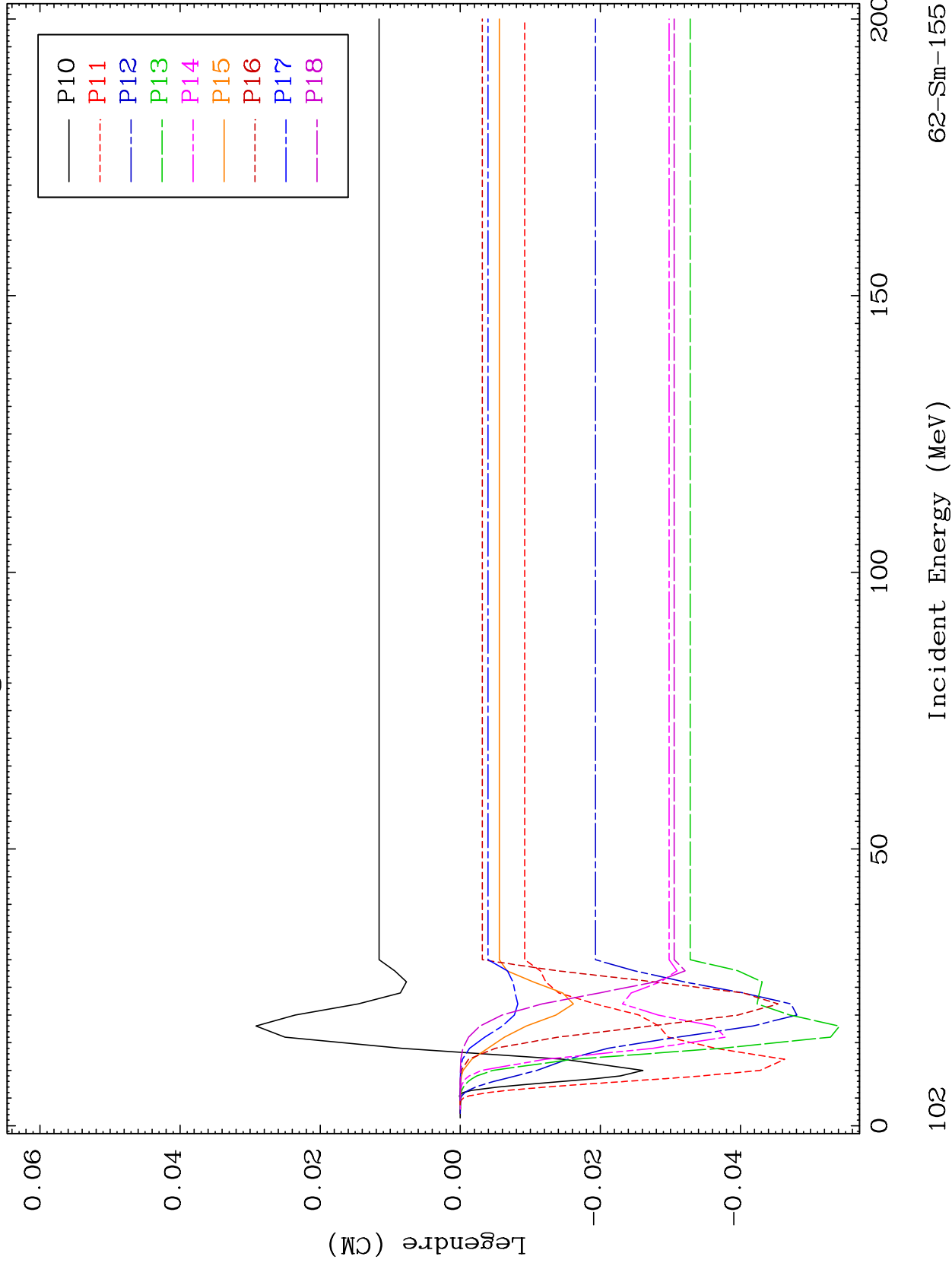
62-Sm-155



MAT 6258

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

62-Sm-155



62-Sm-155

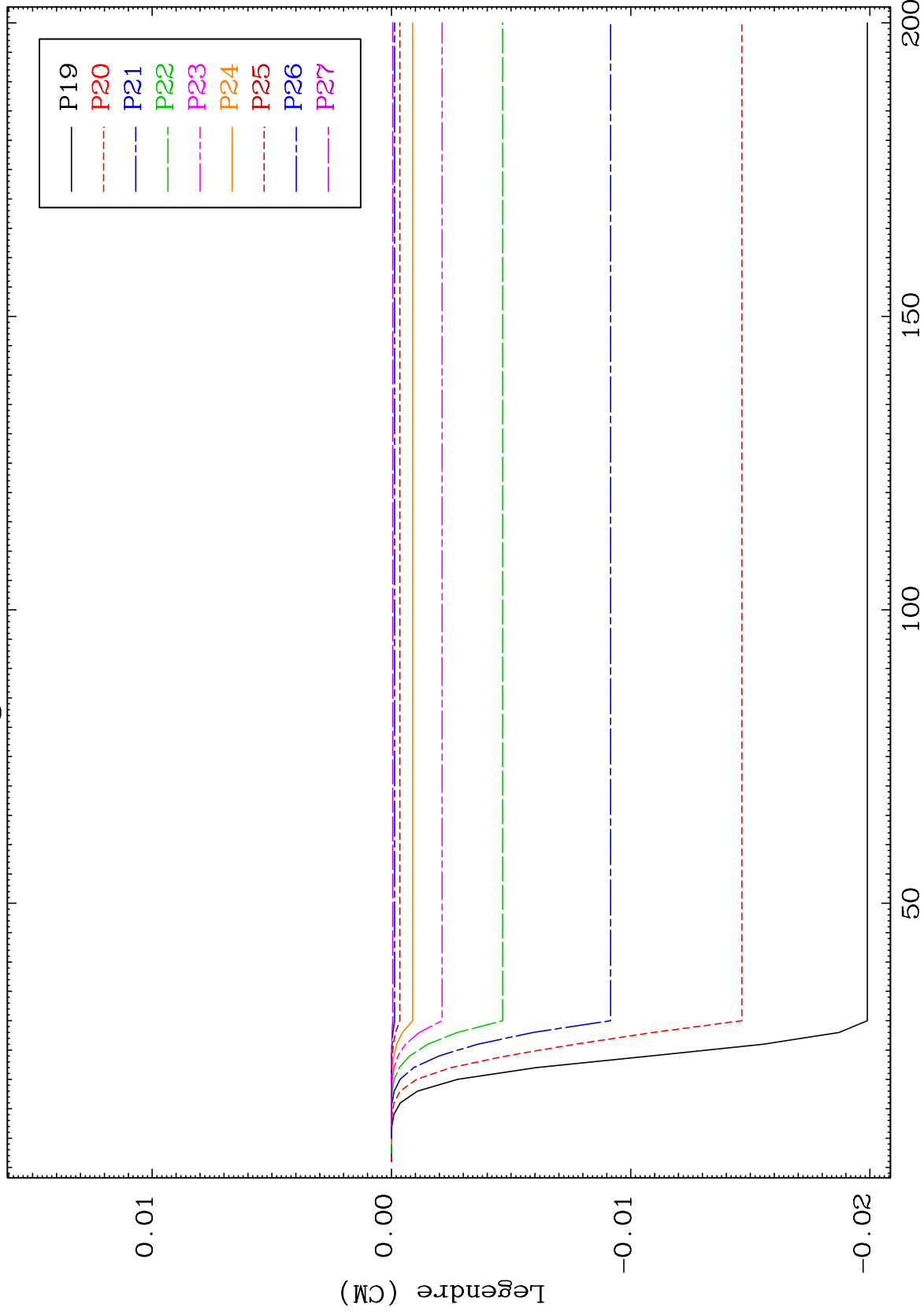
Incident Energy (MeV)

102

MAT 6258

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

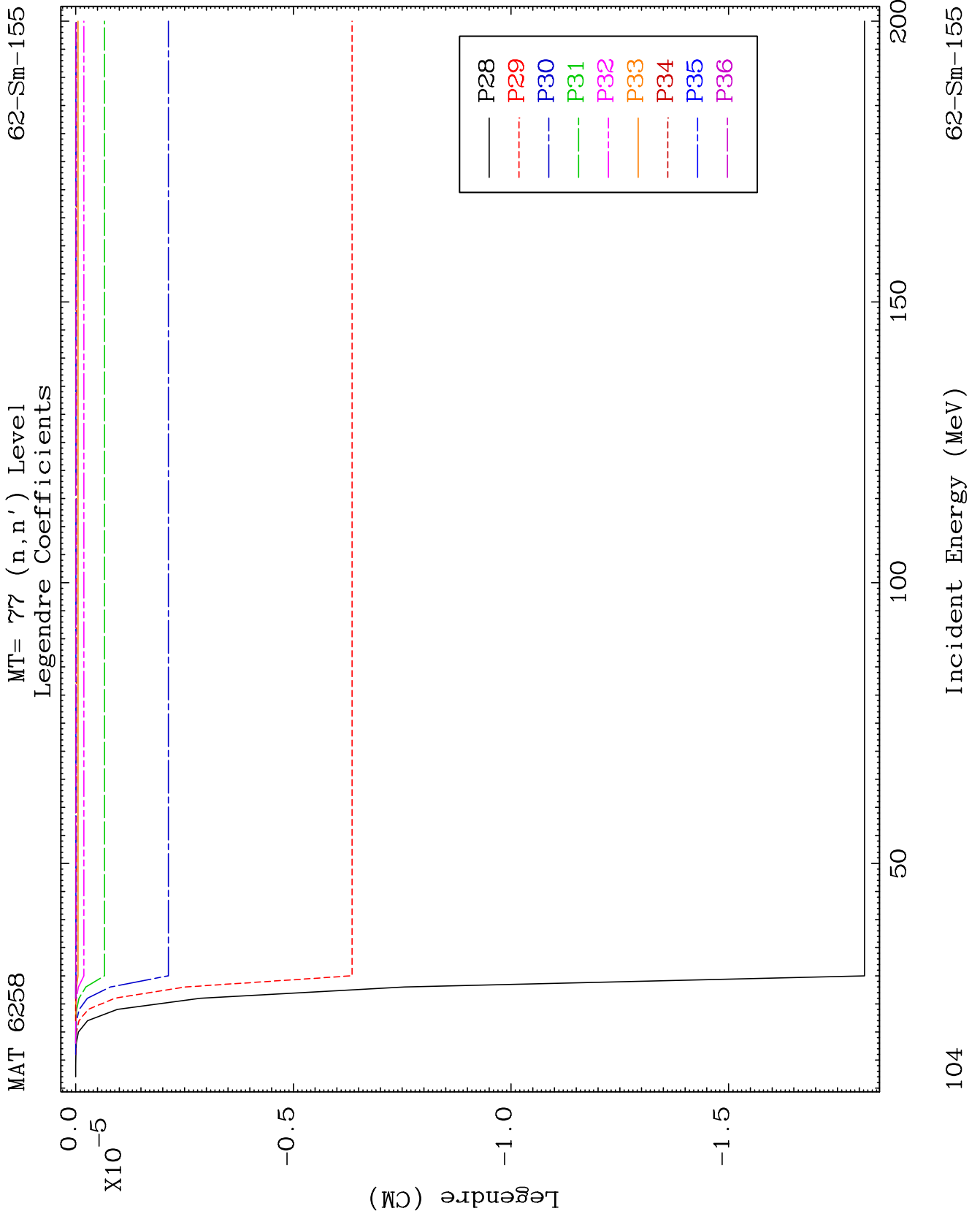
62-Sm-155



103

Incident Energy (MeV)

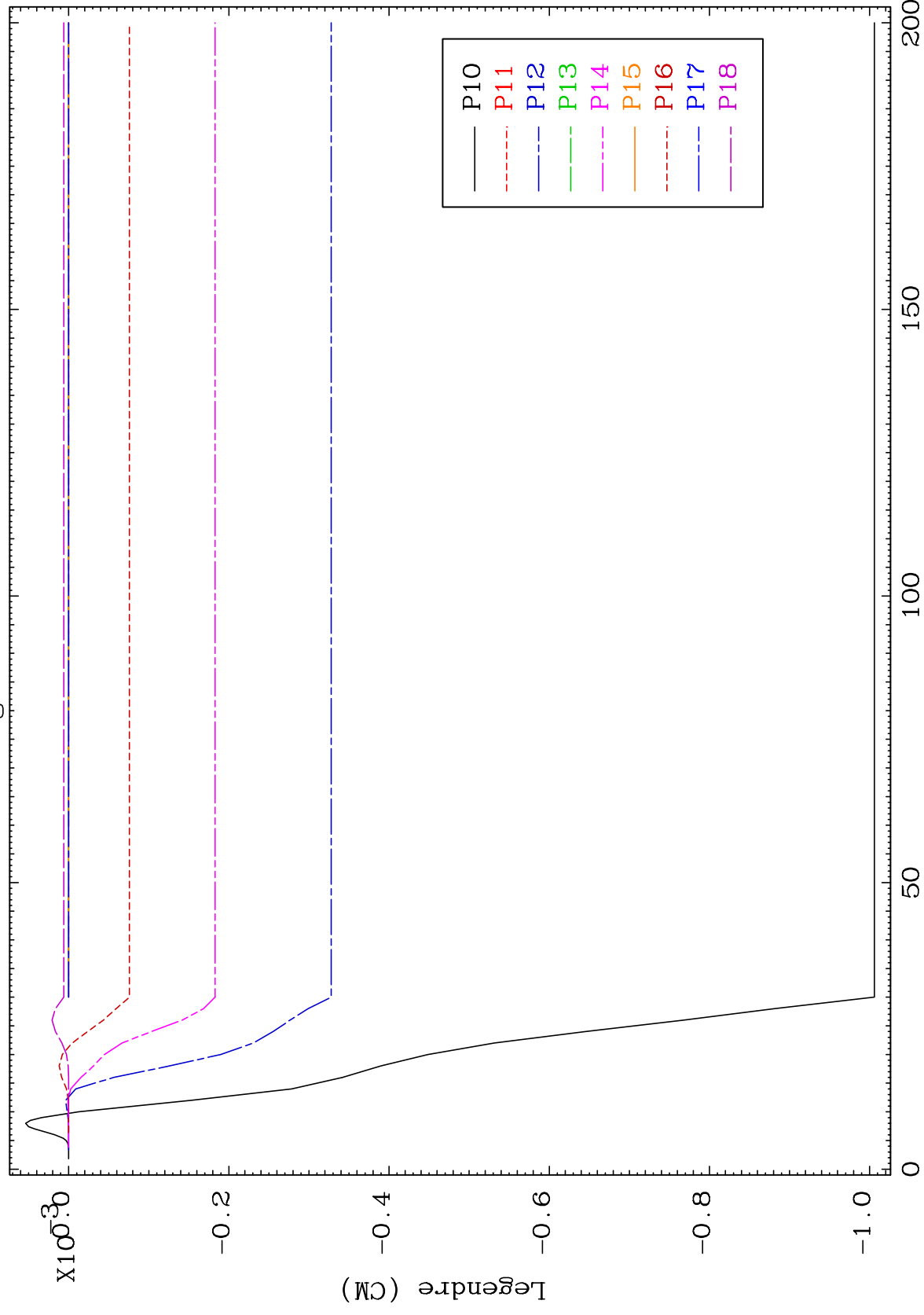
62-Sm-155



MAT 6258

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

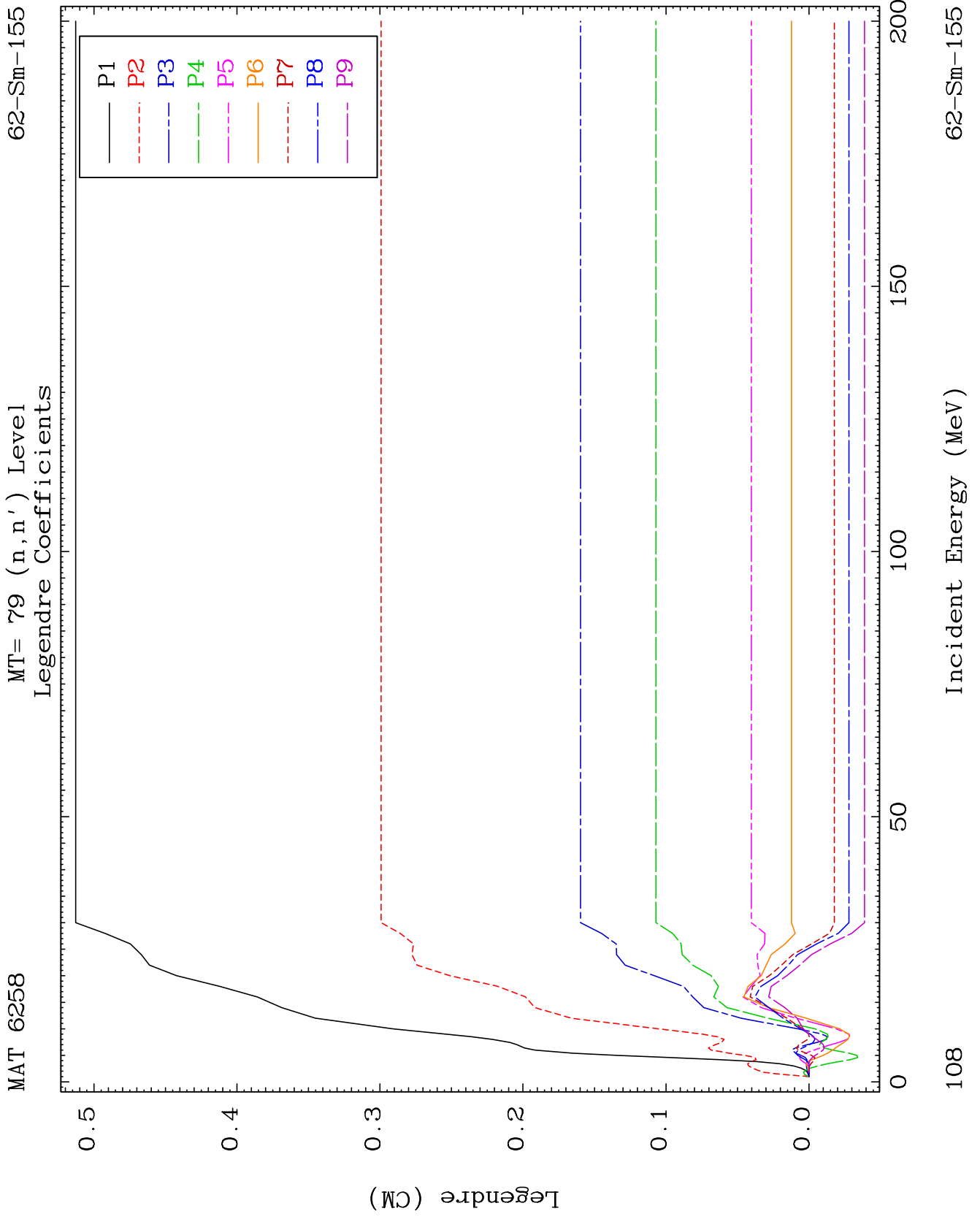
62-Sm-155



106

Incident Energy (MeV)

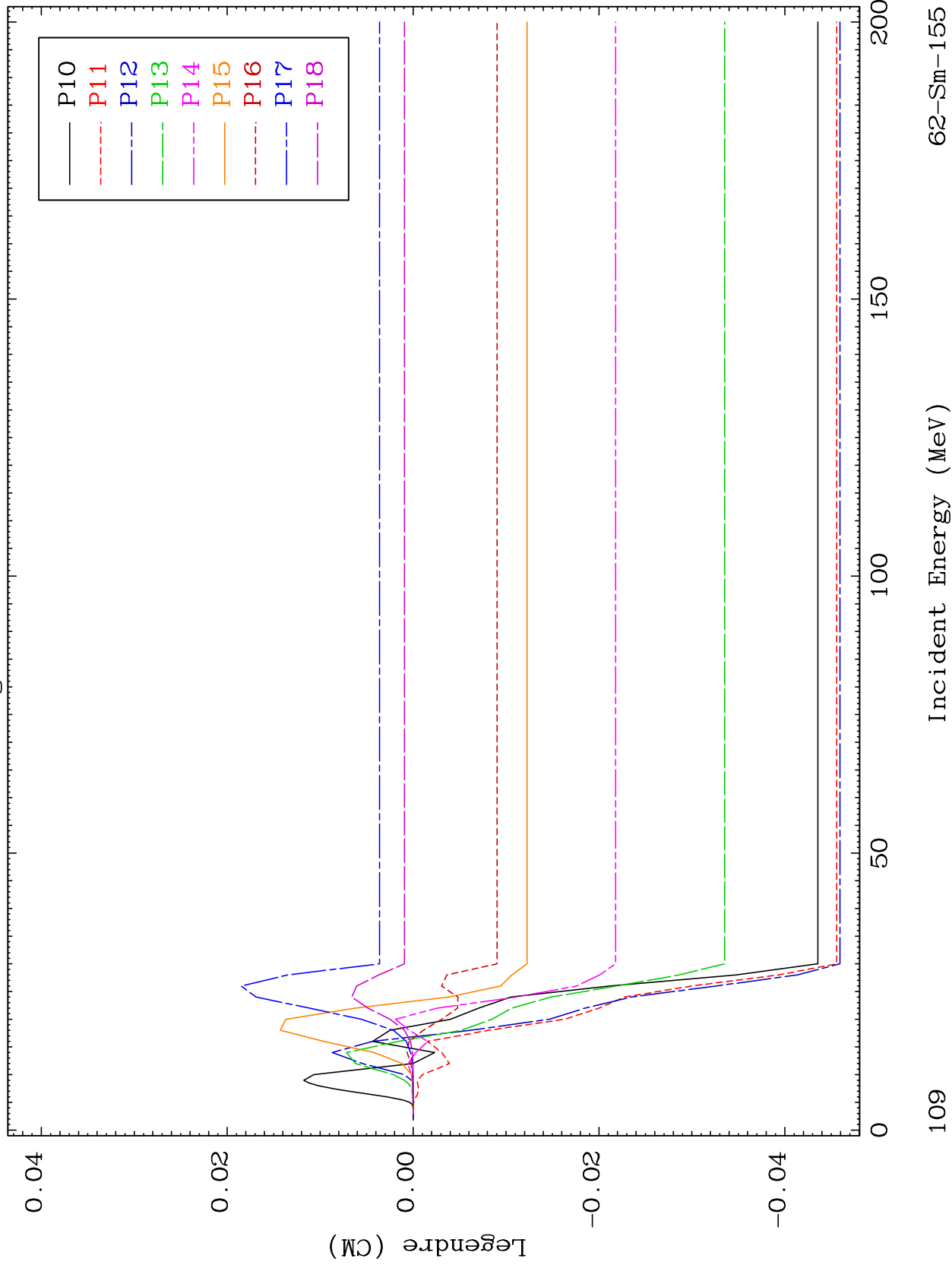
62-Sm-155



MAT 6258

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

62-Sm-155



109

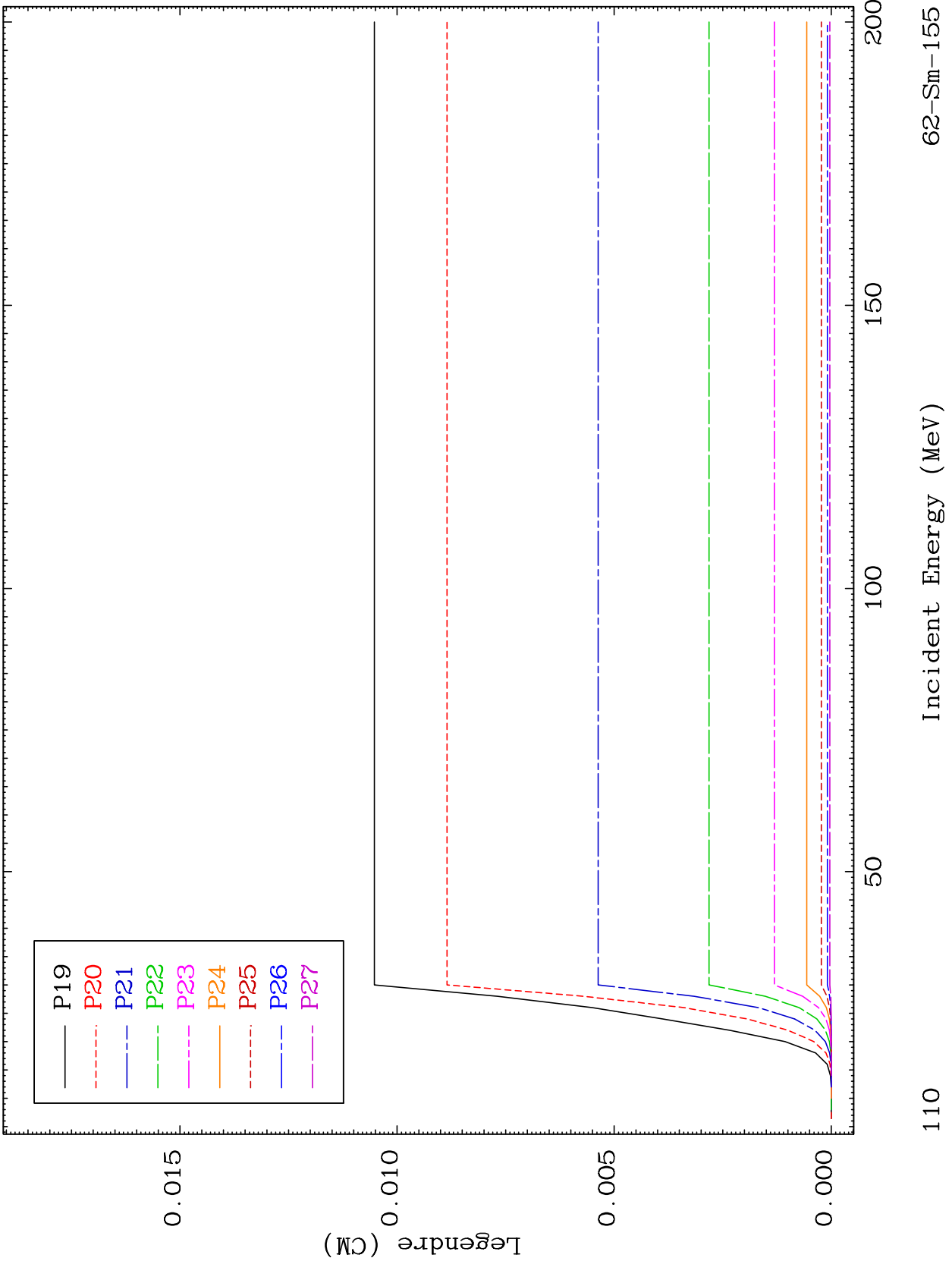
Incident Energy (MeV)

62-Sm-155

MAT 6258

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

62-Sm-155



110

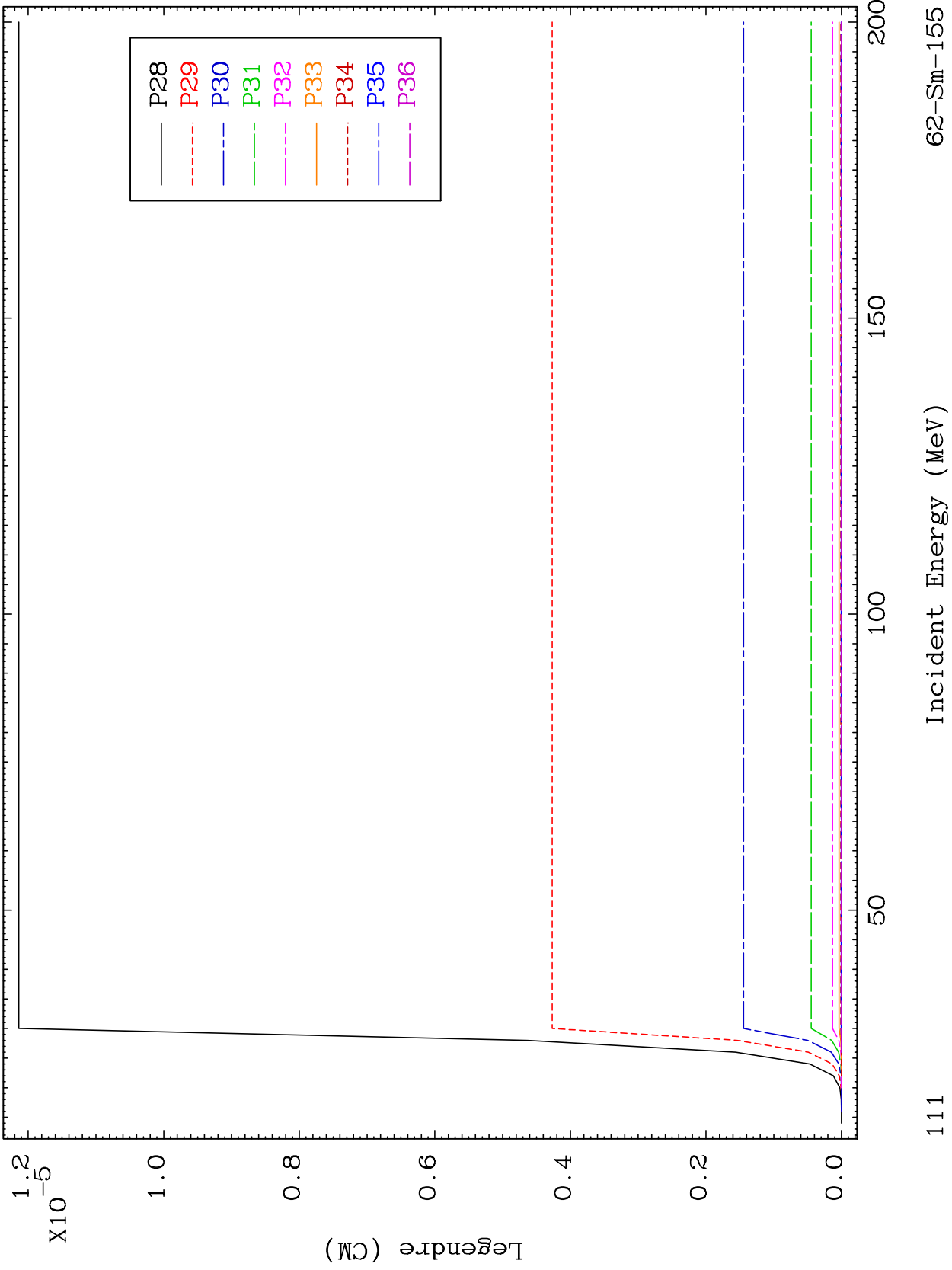
Incident Energy (MeV)

62-Sm-155

MAT 6258

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

62-Sm-155



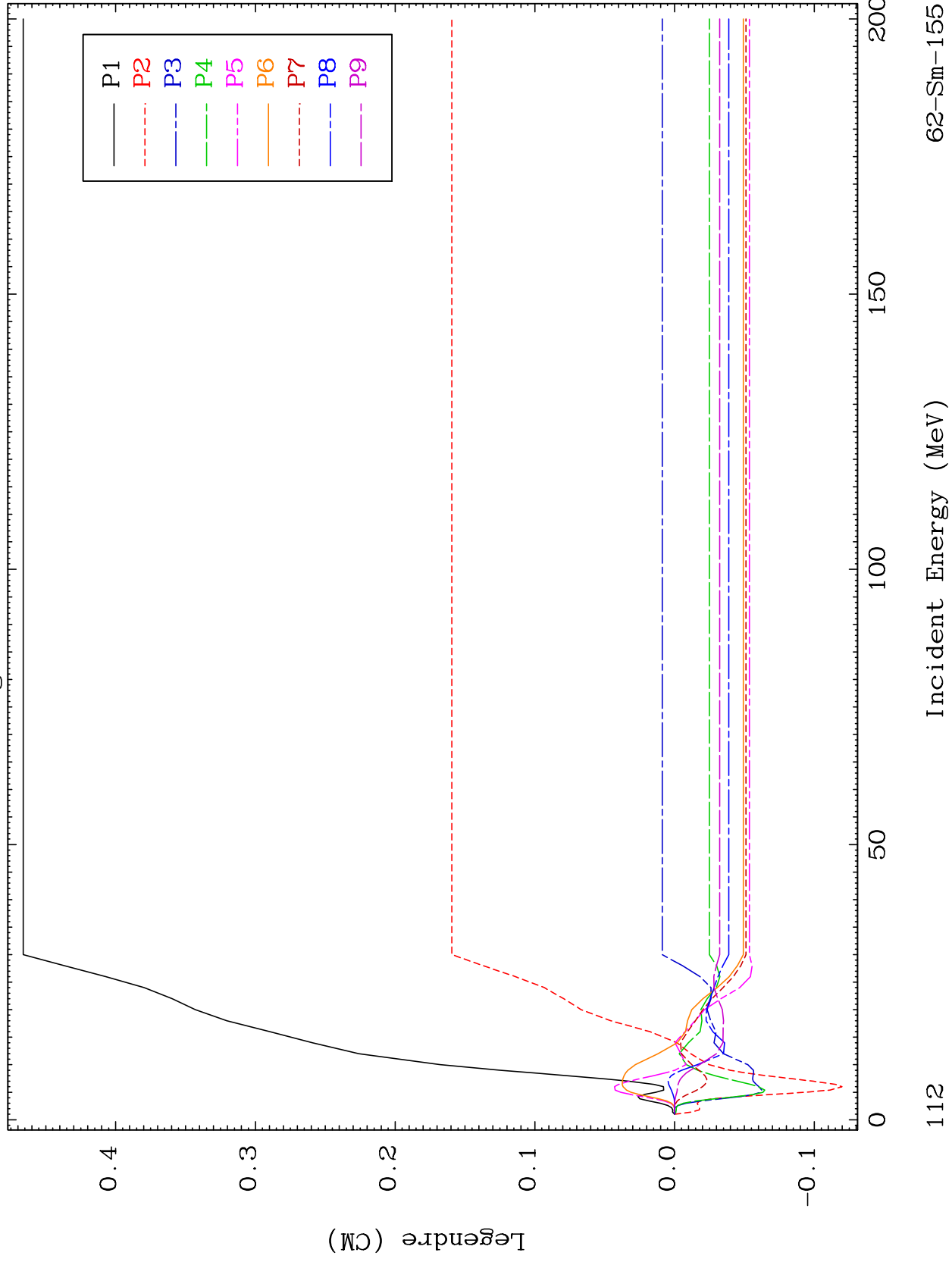
111

62-Sm-155

MAT 6258

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

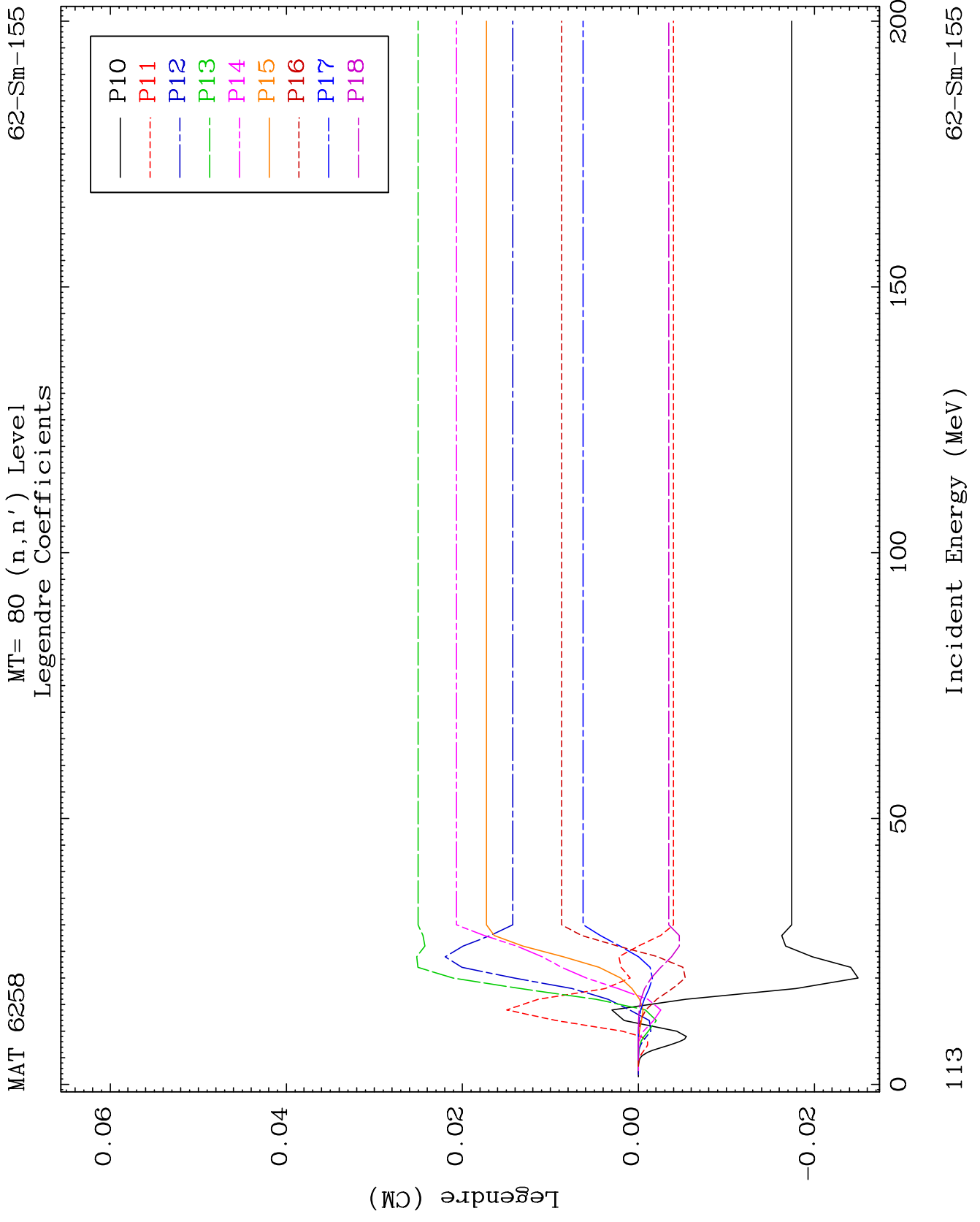
62-Sm-155



62-Sm-155

Incident Energy (MeV)

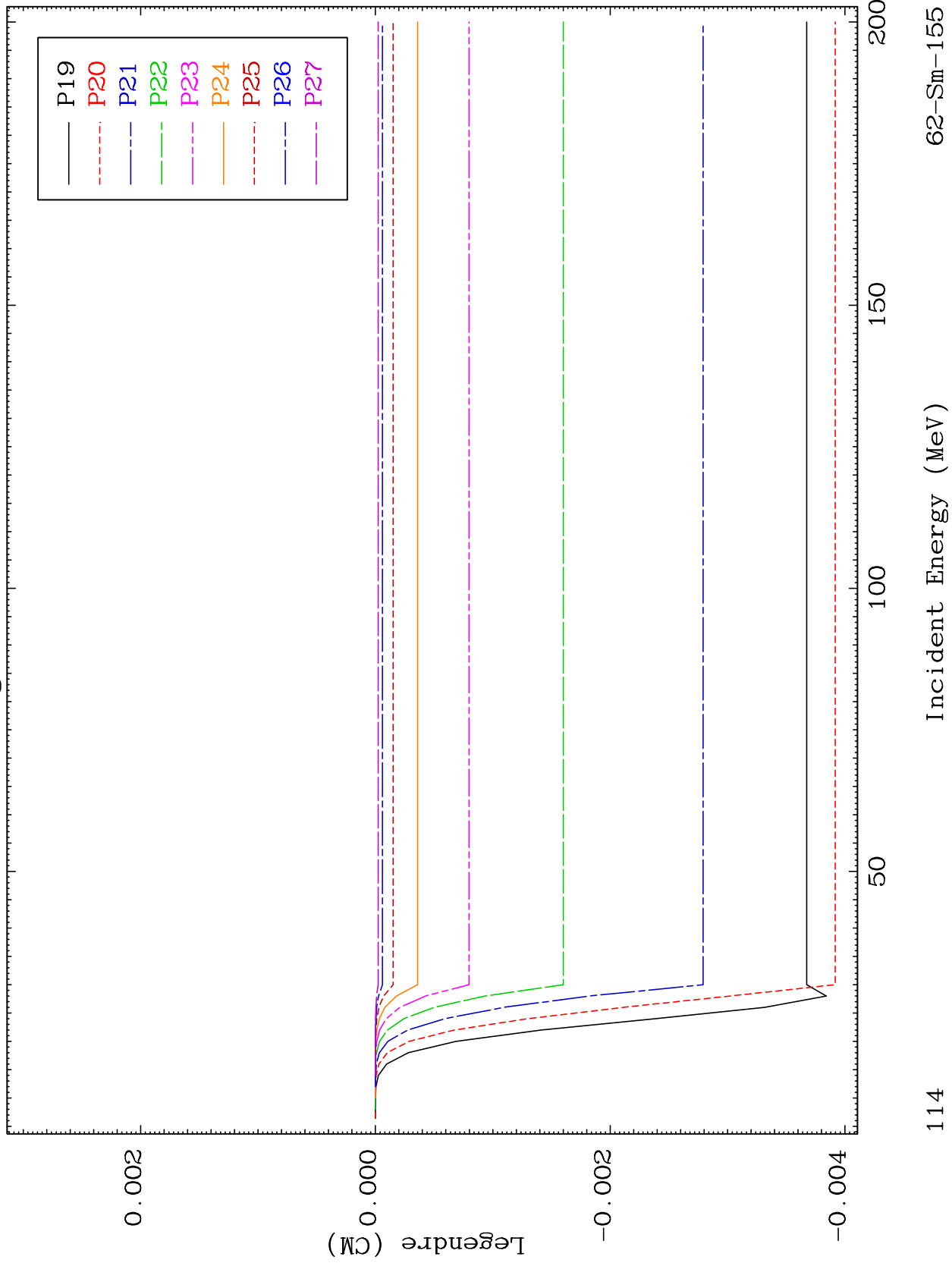
112



MAT 6258

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

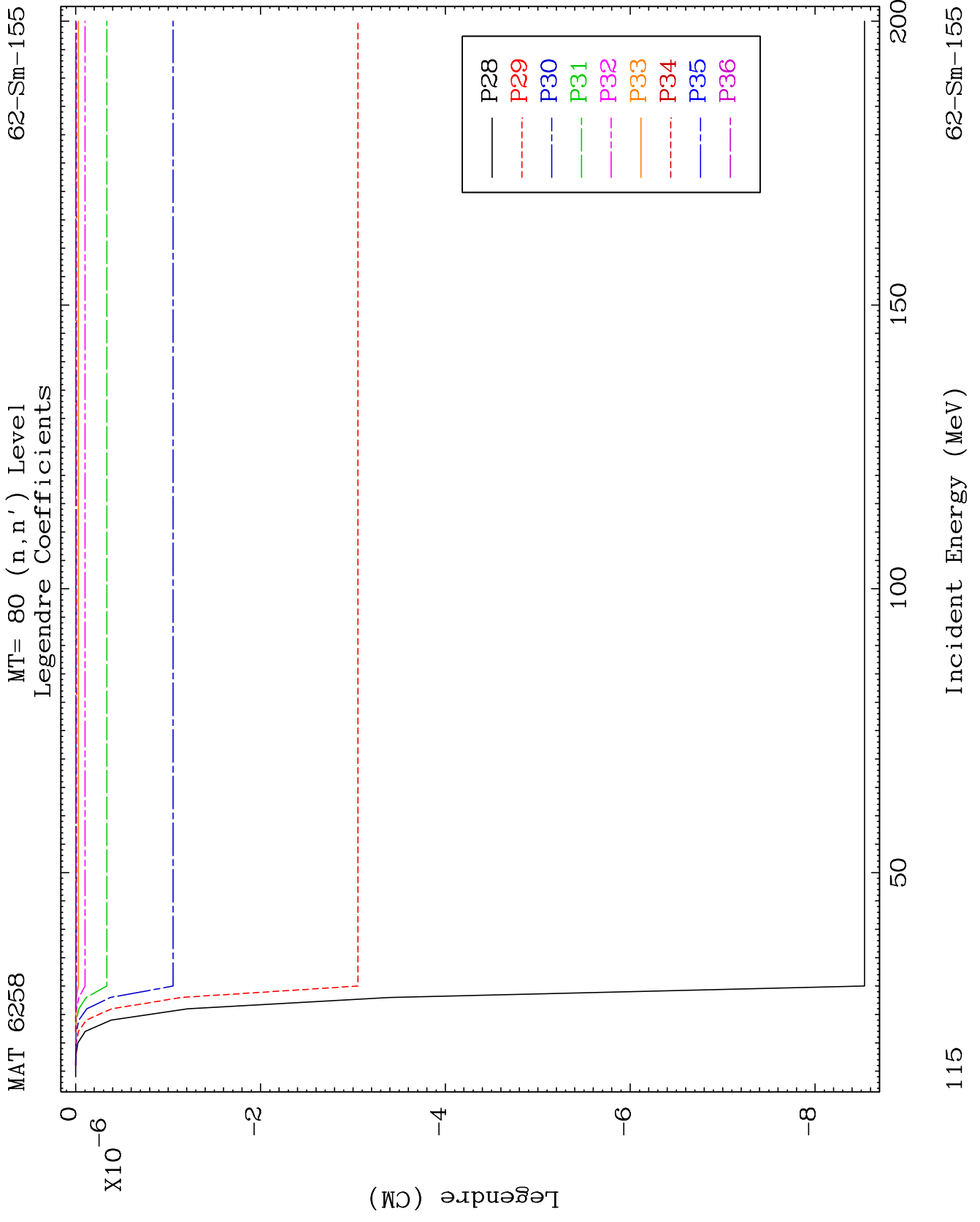
62-Sm-155



114

Incident Energy (MeV)

62-Sm-155

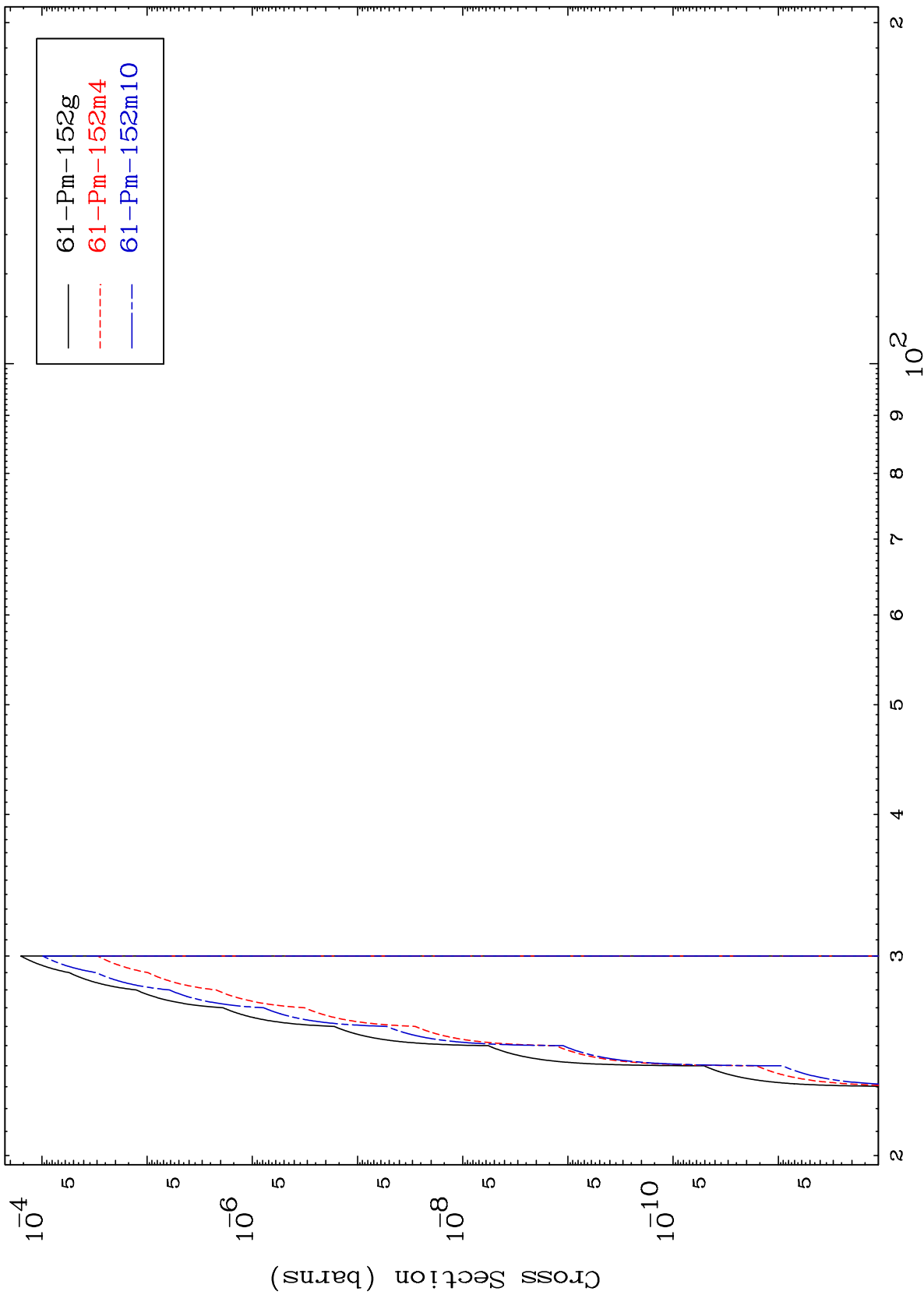


MAT 6258

(n,2n) d

62-Sm-155

Radionuclide Production Cross Section



116

Incident Energy (MeV)

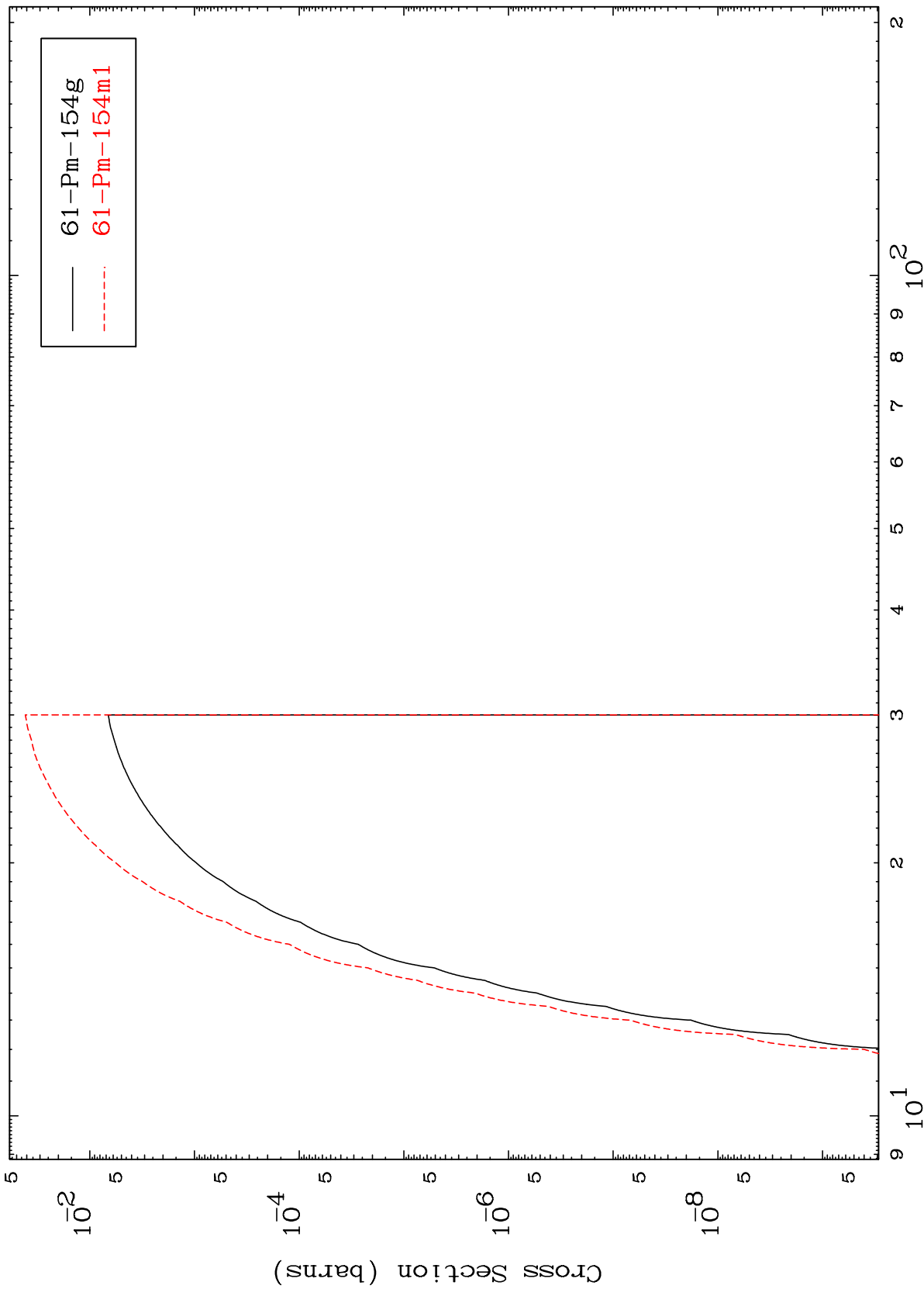
62-Sm-155

MAT 6258

(n,n') p

62-Sm-155

Radionuclide Production Cross Section

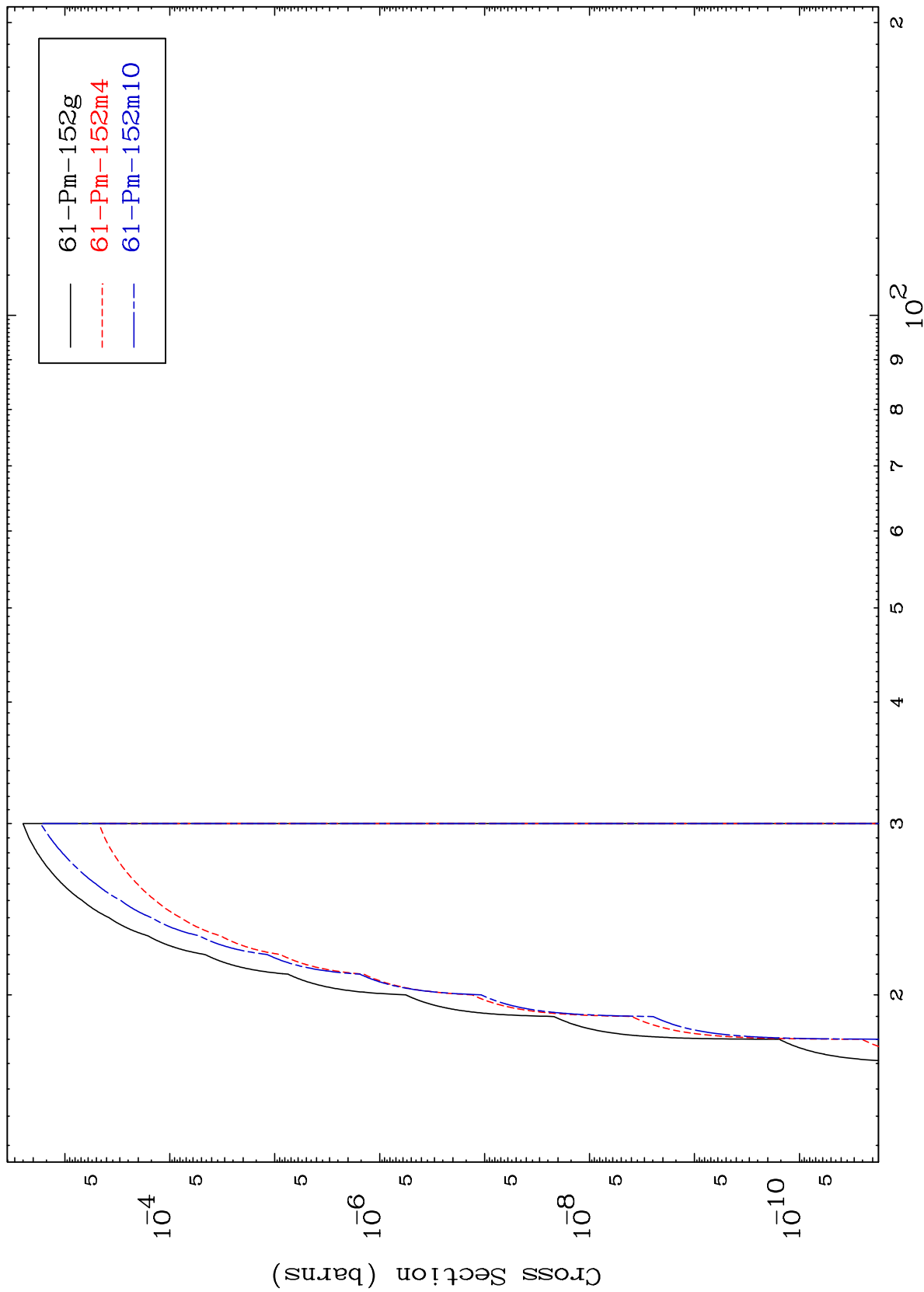


117

Incident Energy (MeV)

62-Sm-155

Radionuclide Production Cross Section



Radionuclide Production Cross Section

