

Program EVALPLOT
(Version 2021-1)

by

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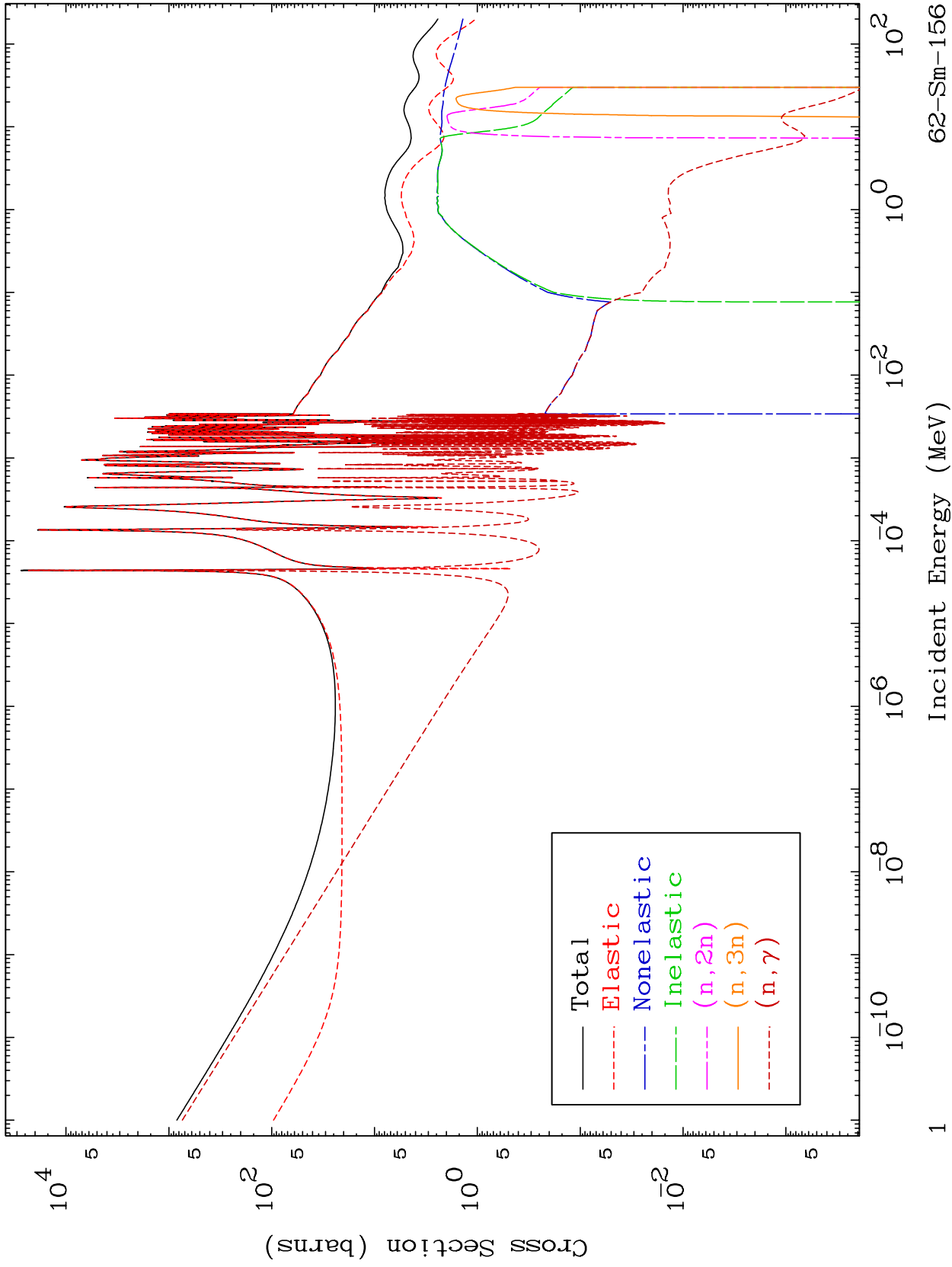
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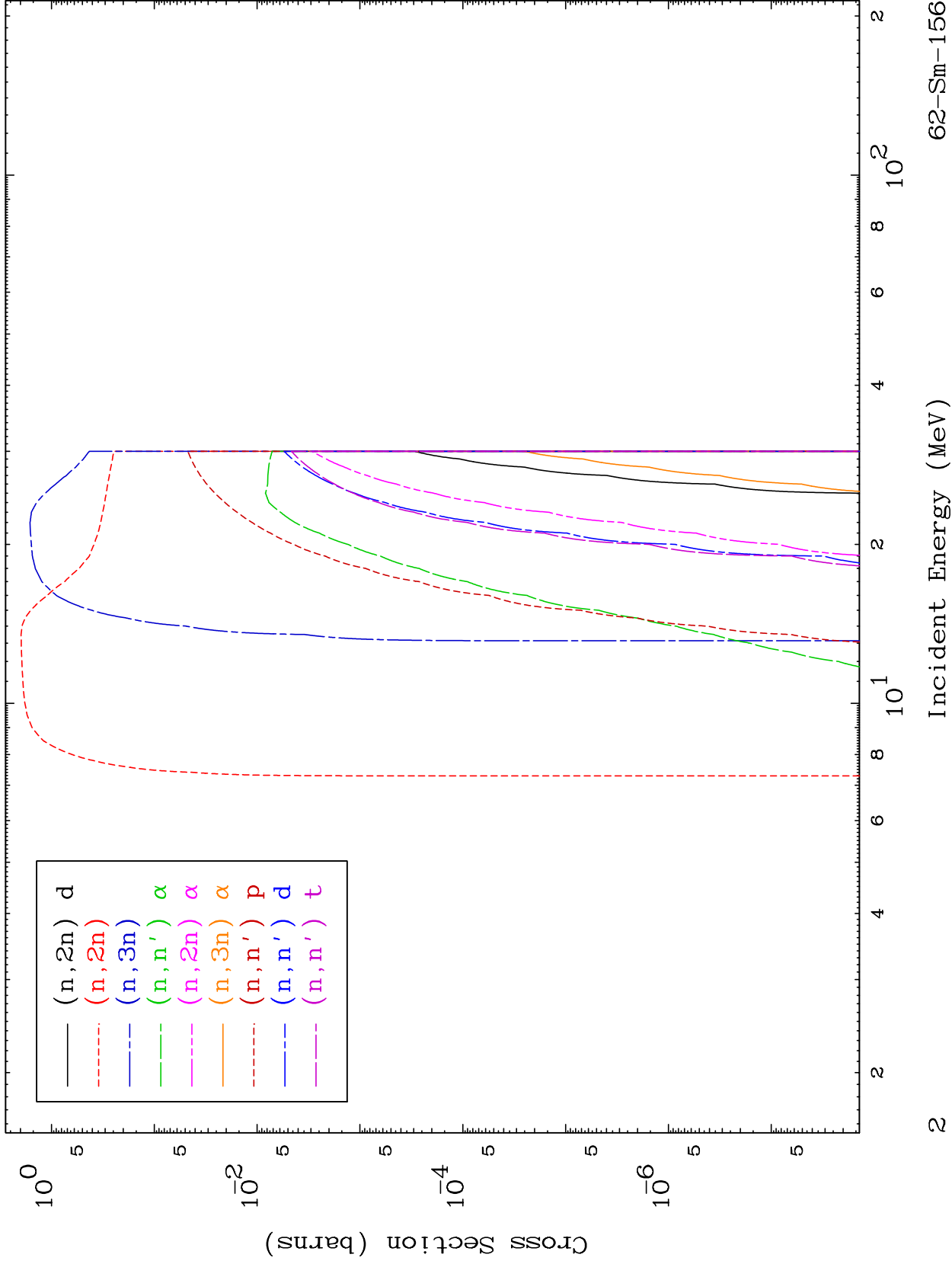
Press Mouse Button to Start

MAT 6261

Neutron Major
293 Kelvin Cross Sections

62-Sm-156

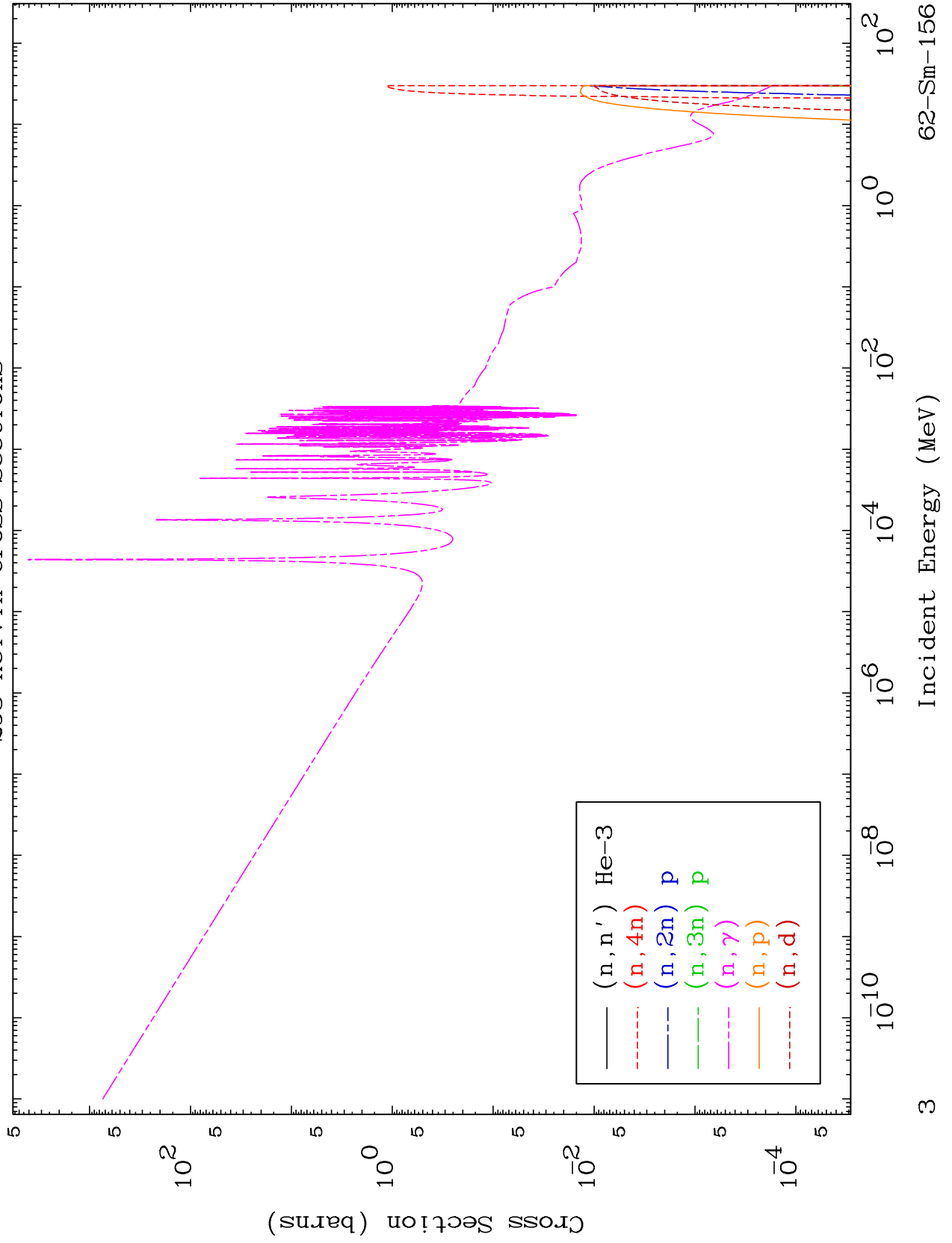




MAT 6261

Neutron Absorption
293 Kelvin Cross Sections

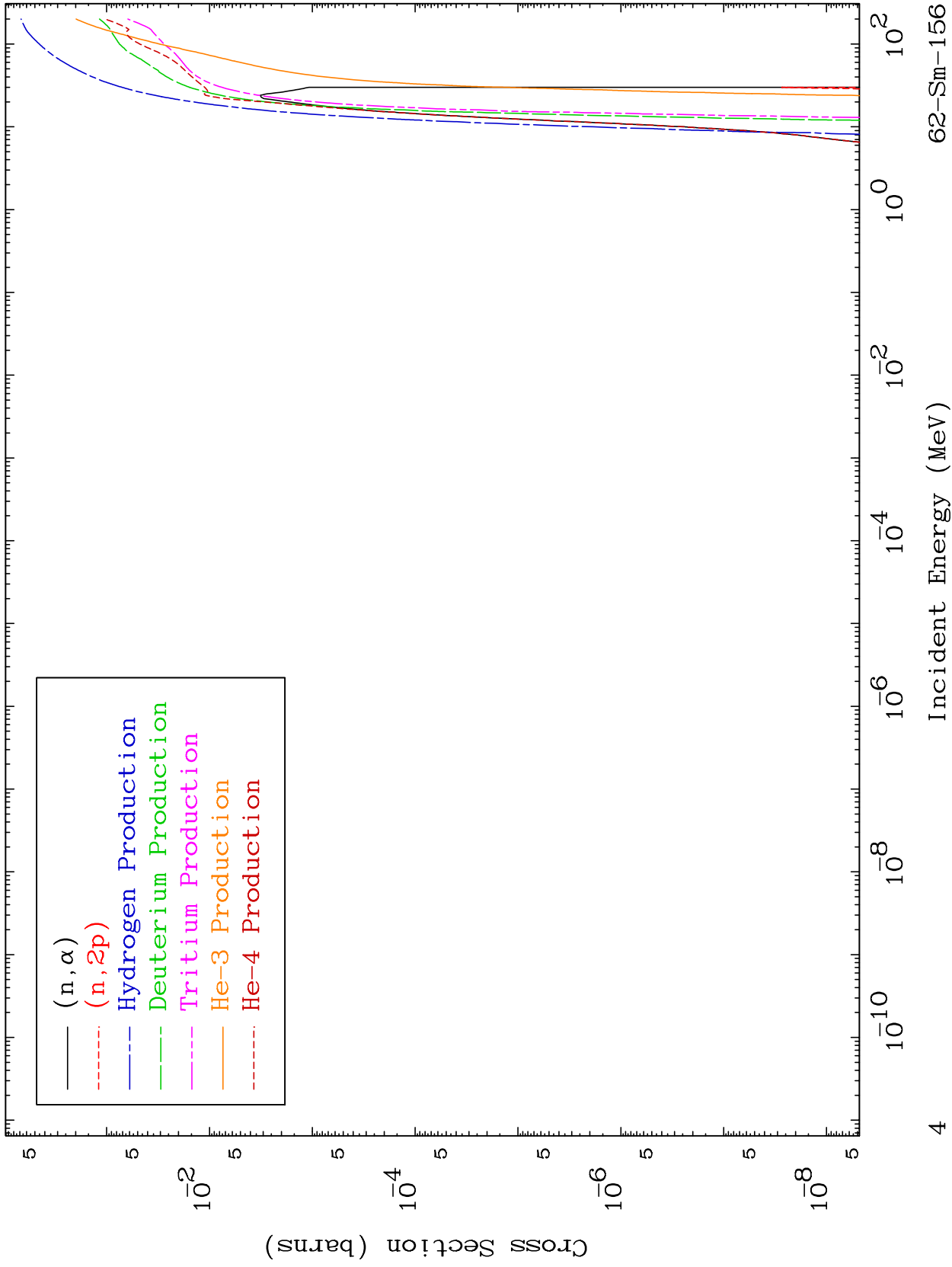
62-Sm-156



MAT 6261

Neutron Absorption
293 Kelvin Cross Sections

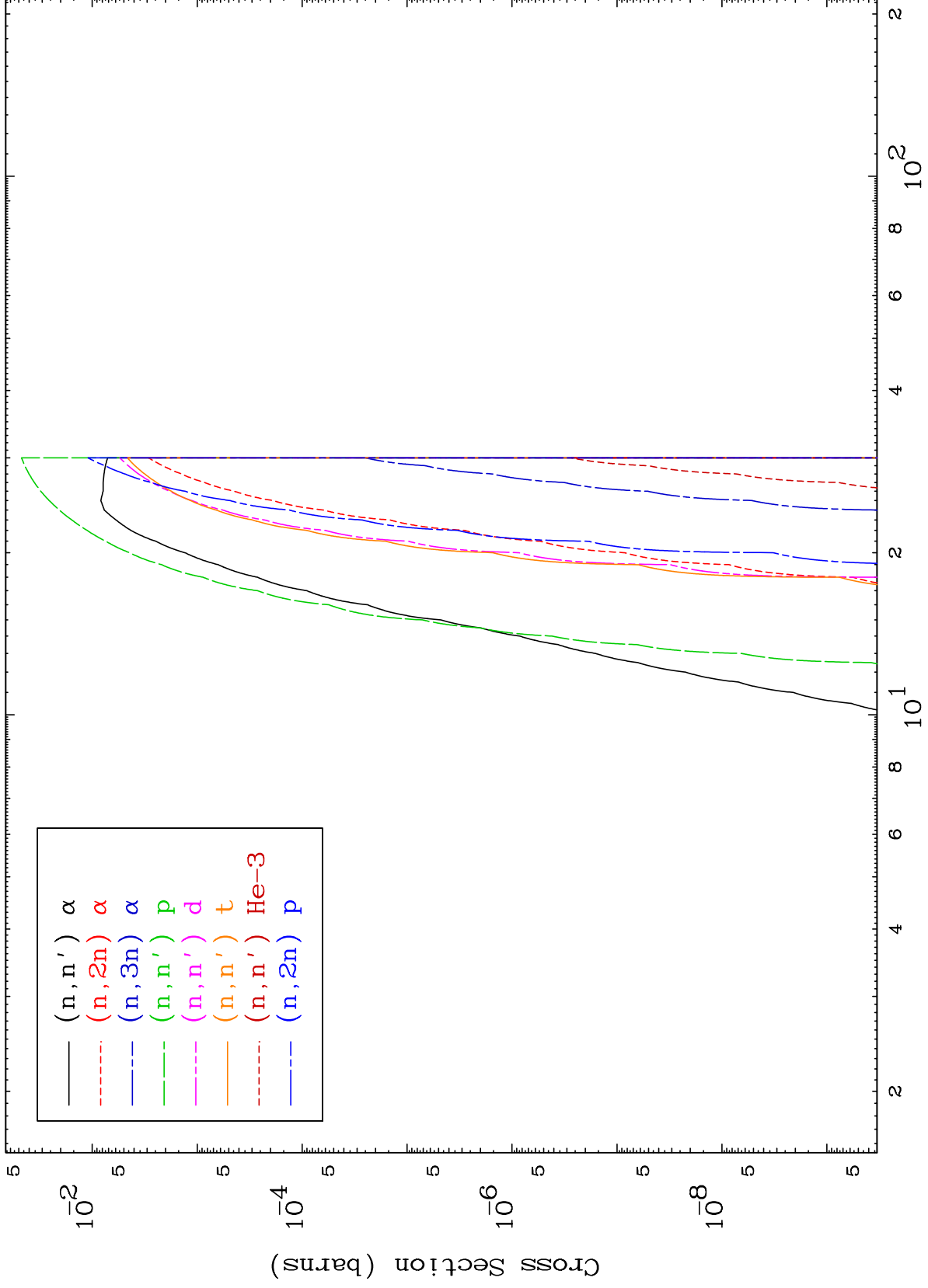
62-Sm-156



MAT 6261

Charged Particle
293 Kelvin Cross Sections

62-Sm-156



5

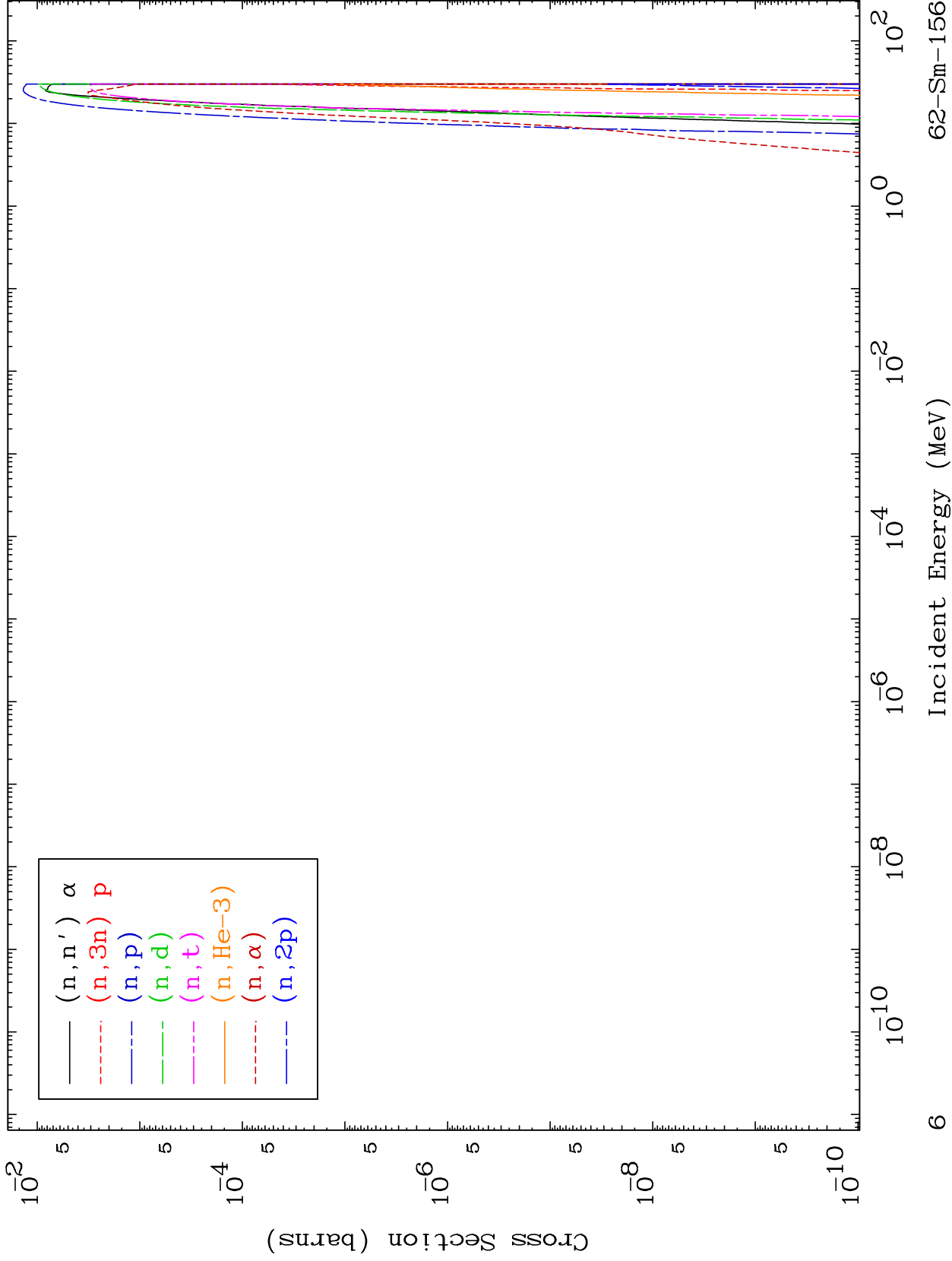
Incident Energy (MeV)

62-Sm-156

MAT 6261

Charged Particle
293 Kelvin Cross Sections

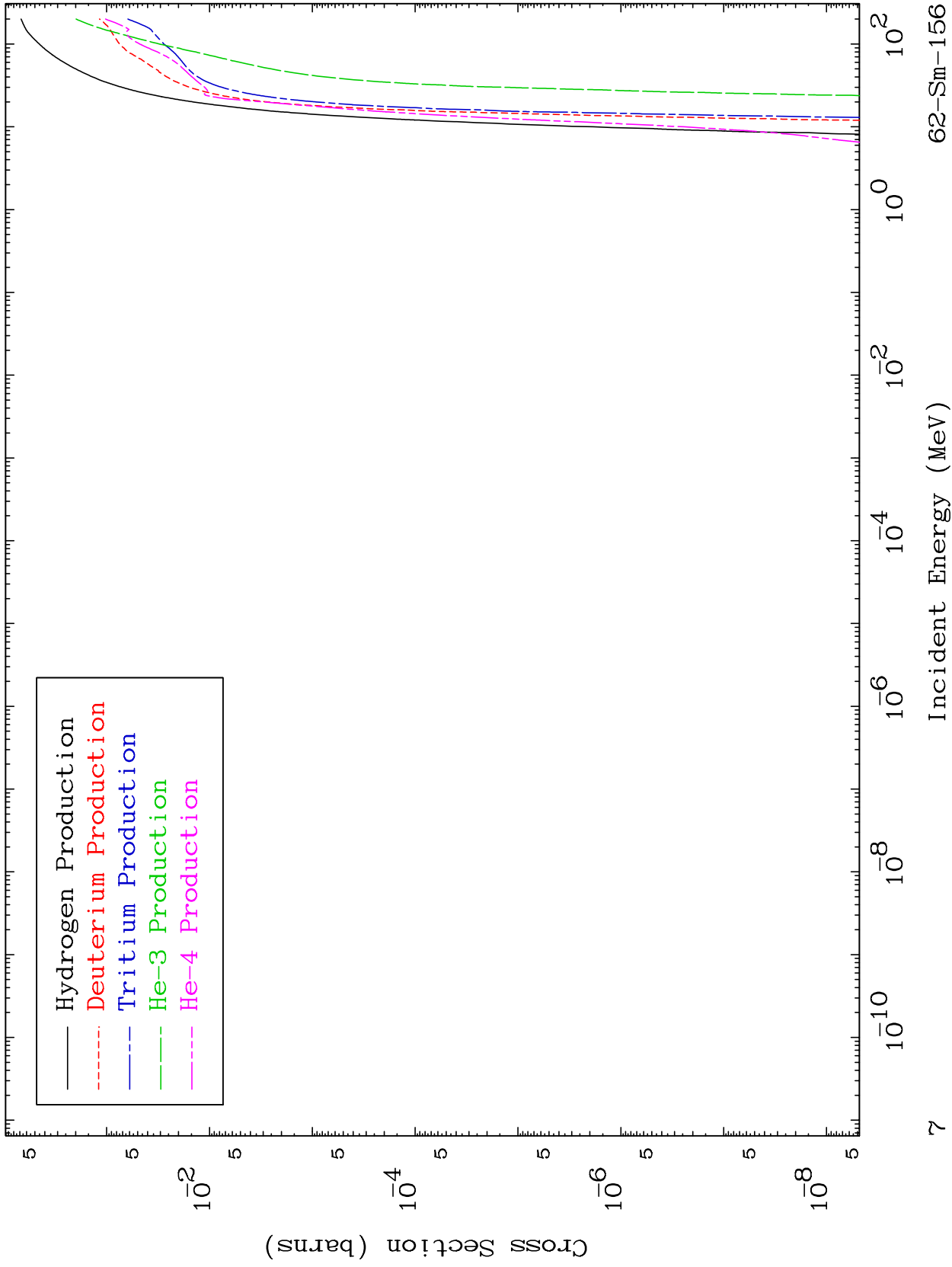
62-Sm-156



MAT 6261

Particle Production
293 Kelvin Cross Sections

62-Sm-156

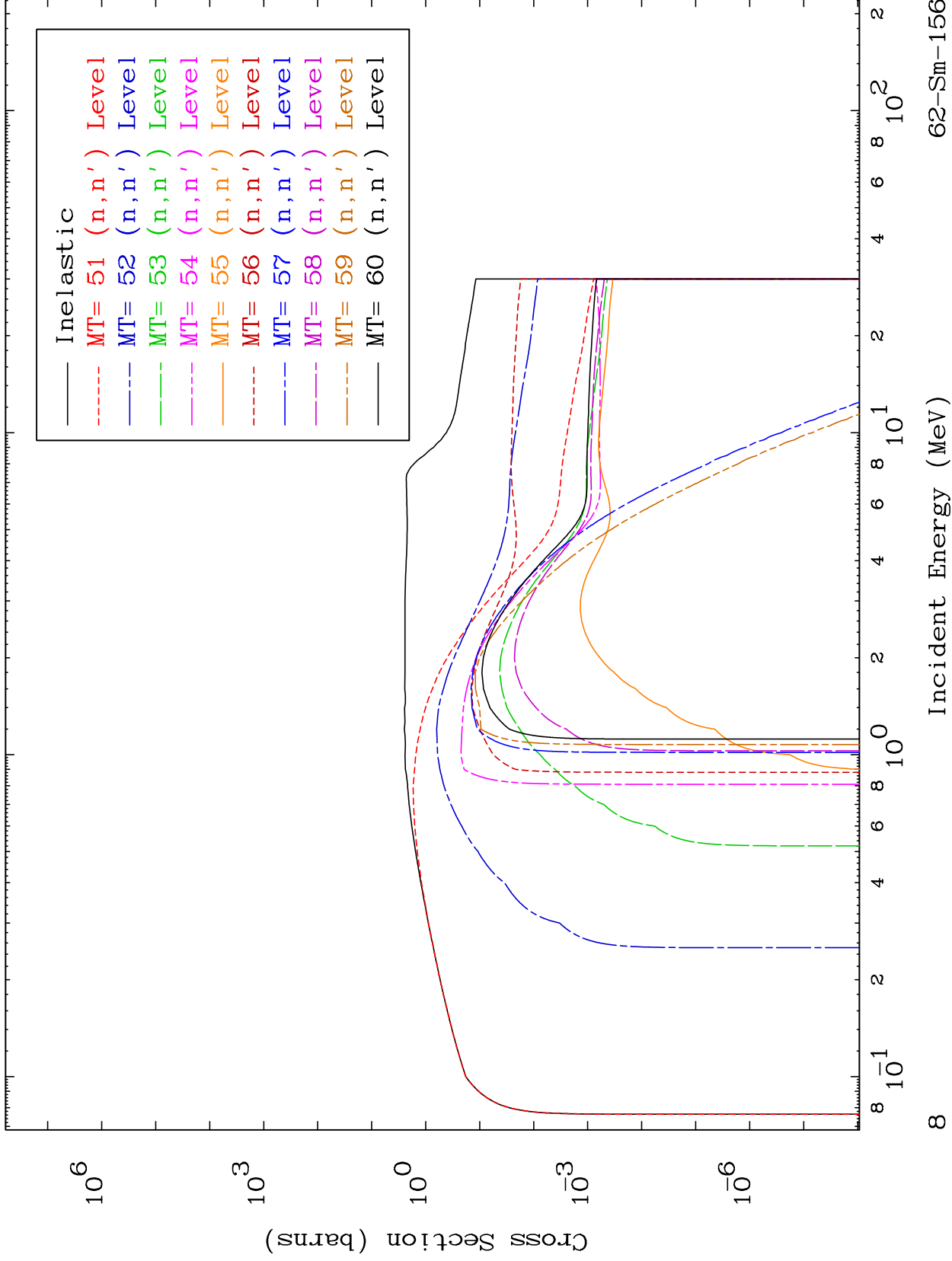


MAT 6261

(n,n') Levels

62-Sm-156

293 Kelvin Cross Sections



62-Sm-156

Incident Energy (MeV)

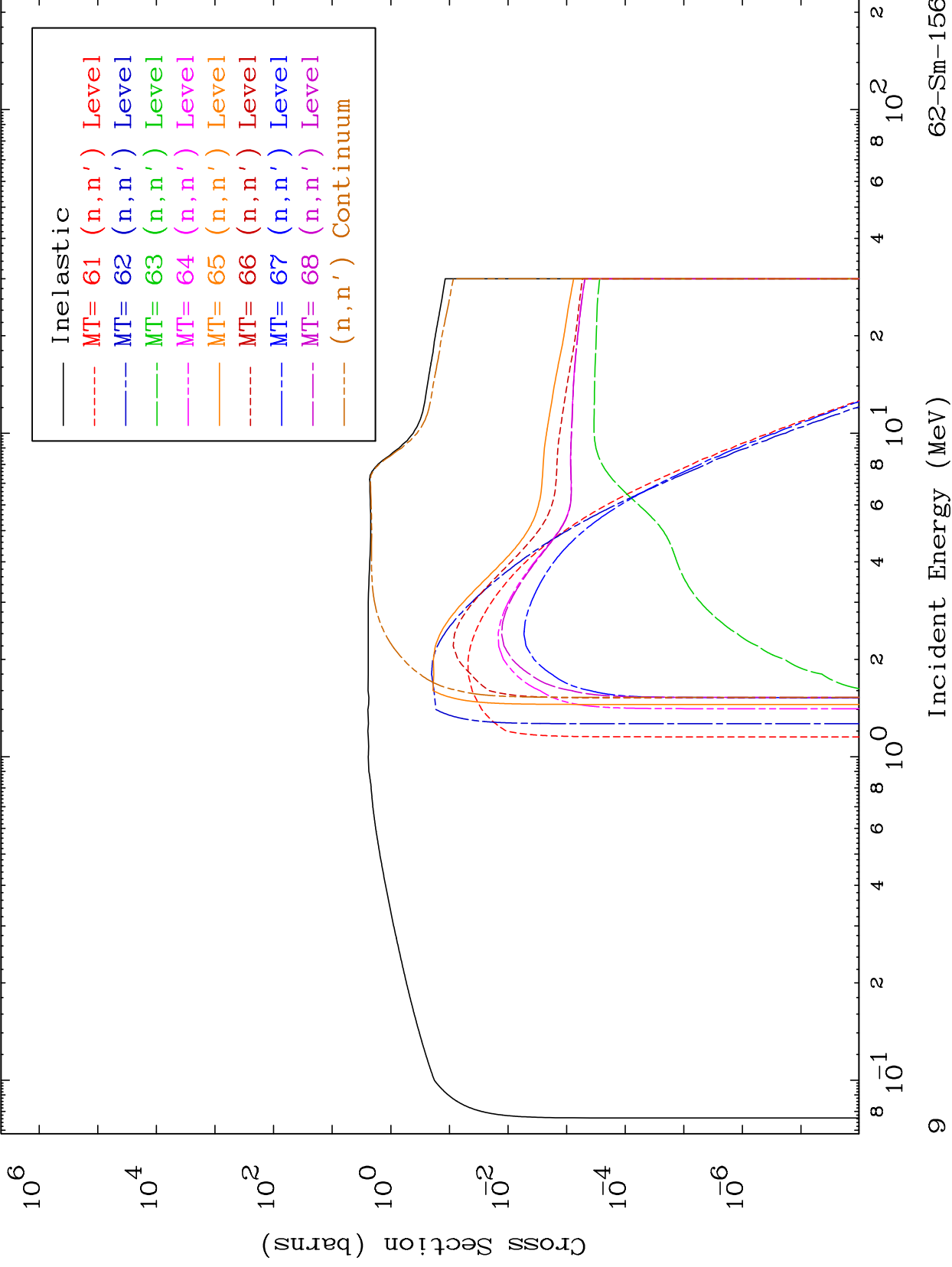
8

MAT 6261

(n,n') Levels

62-Sm-156

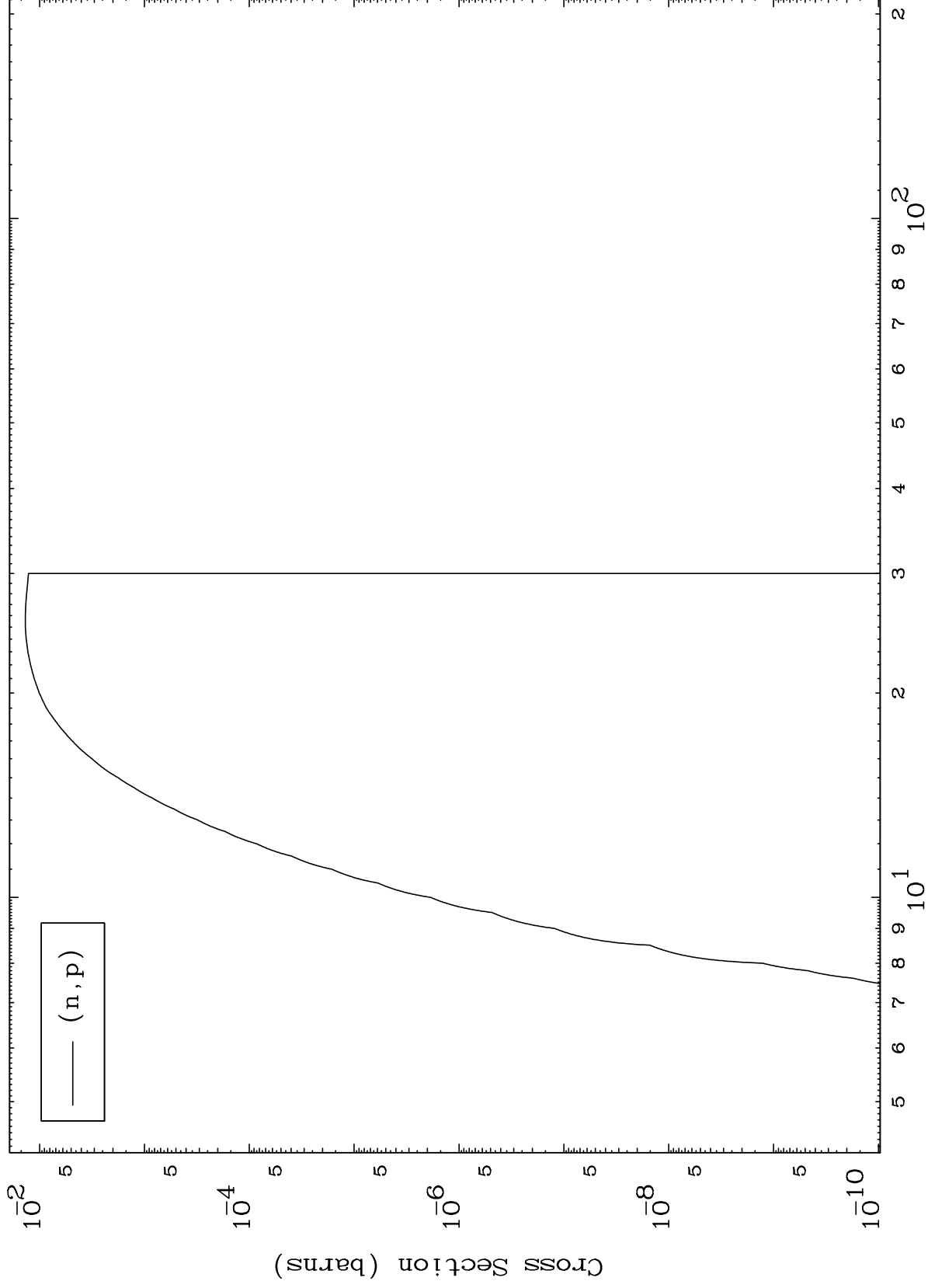
293 Kelvin Cross Sections



MAT 6261

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-156



10

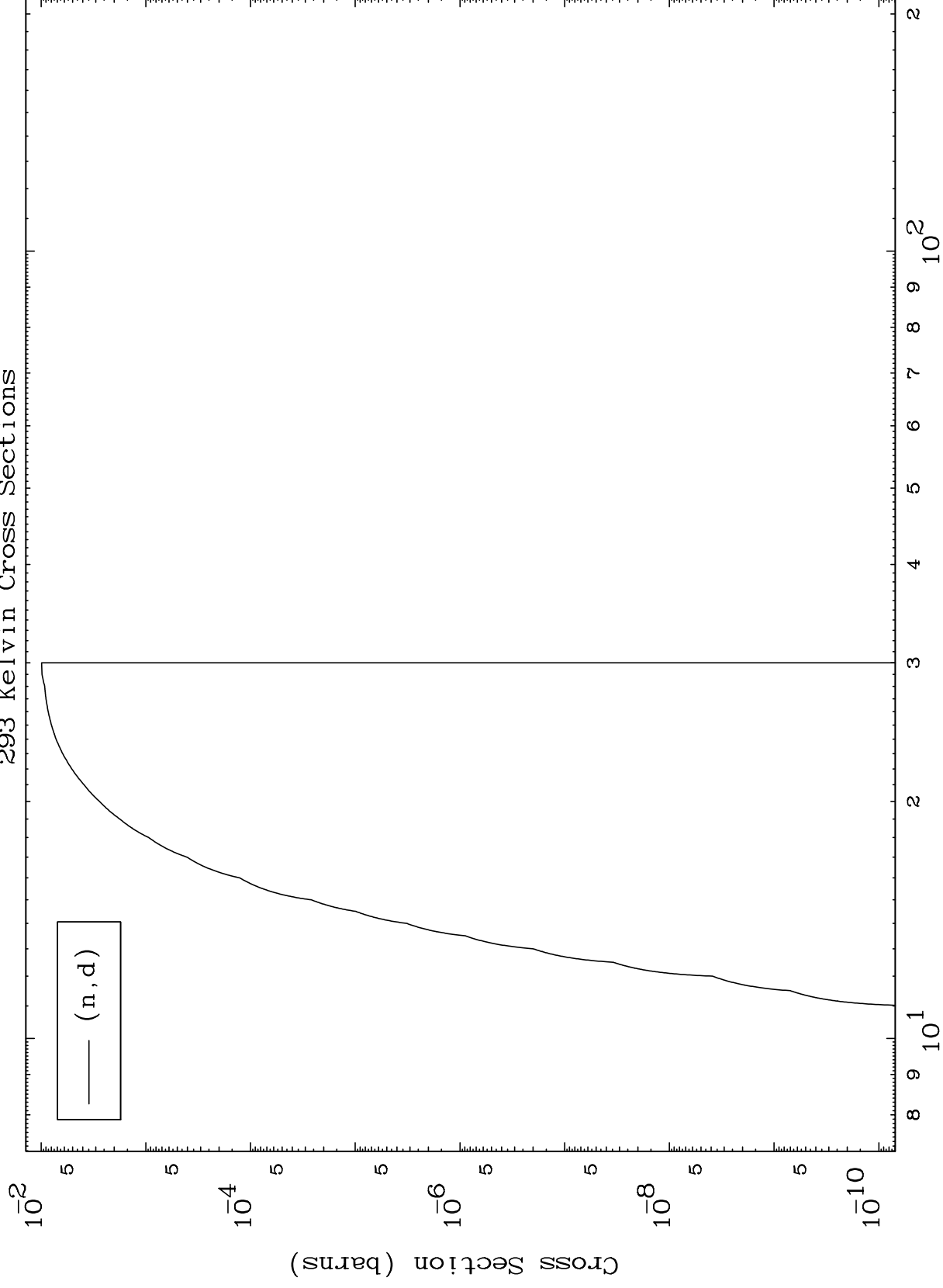
Incident Energy (MeV)

62-Sm-156

MAT 6261

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-156



11

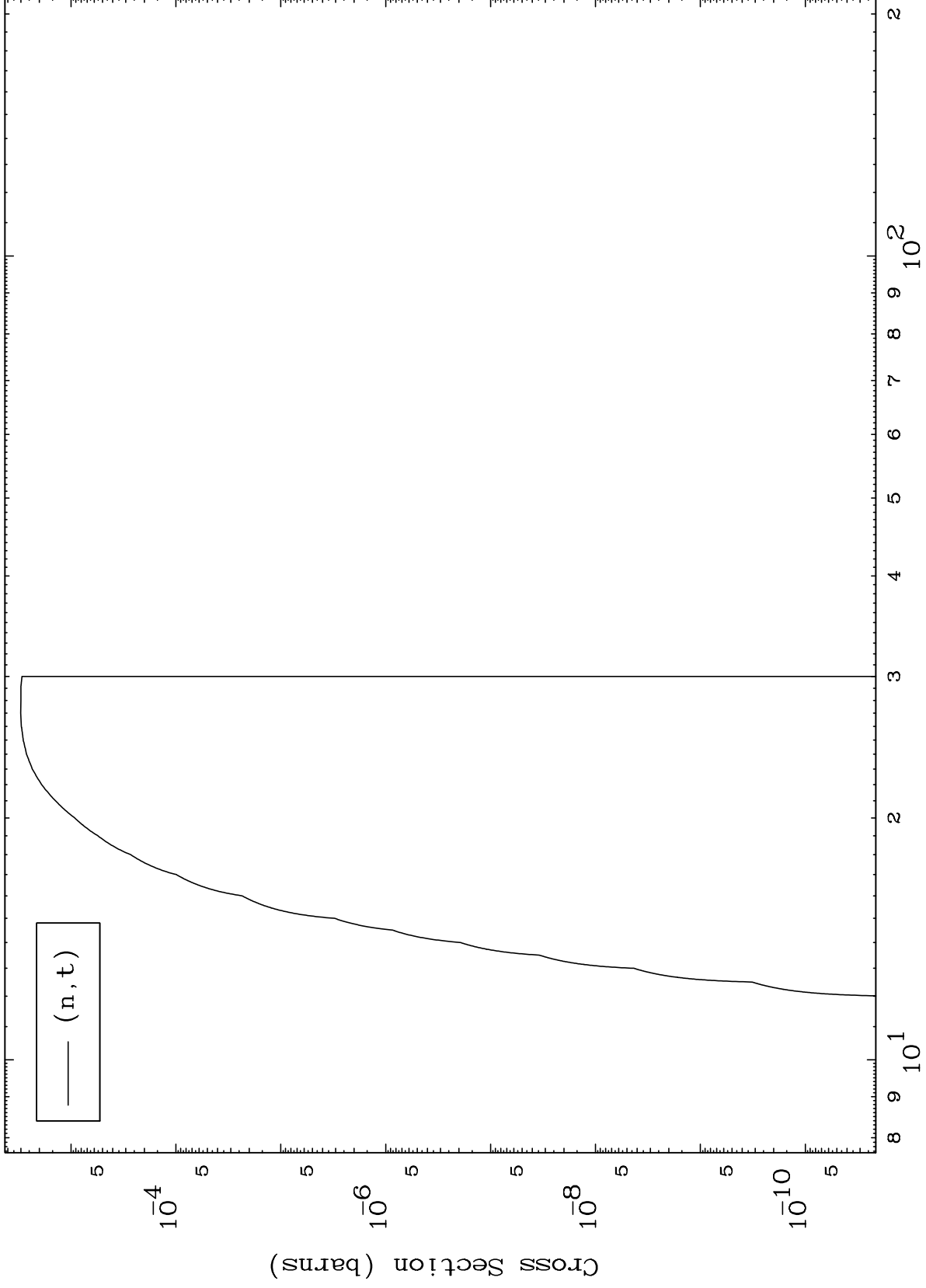
Incident Energy (MeV)

62-Sm-156

MAT 6261

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-156



12

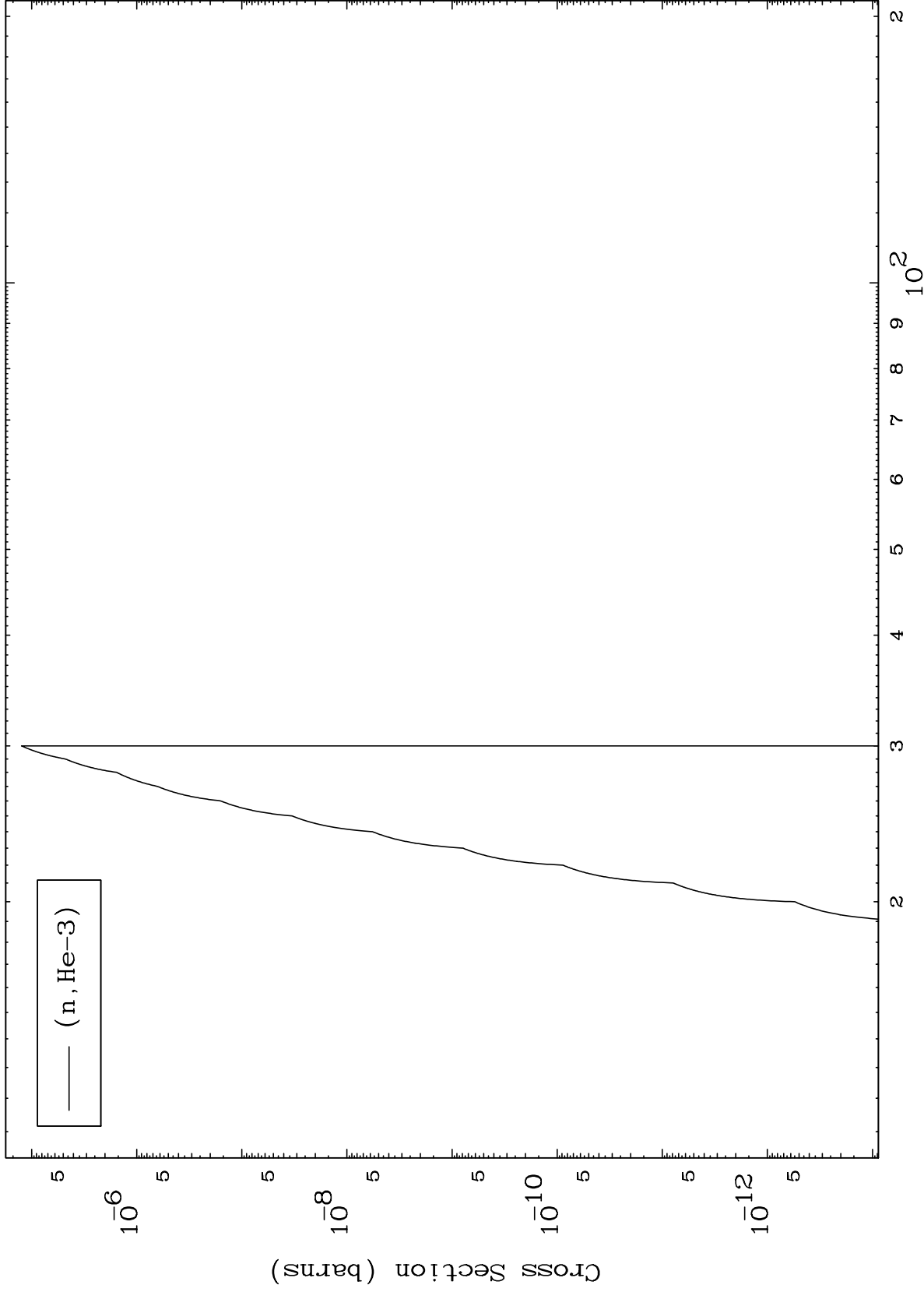
Incident Energy (MeV)

62-Sm-156

MAT 6261

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-156



13

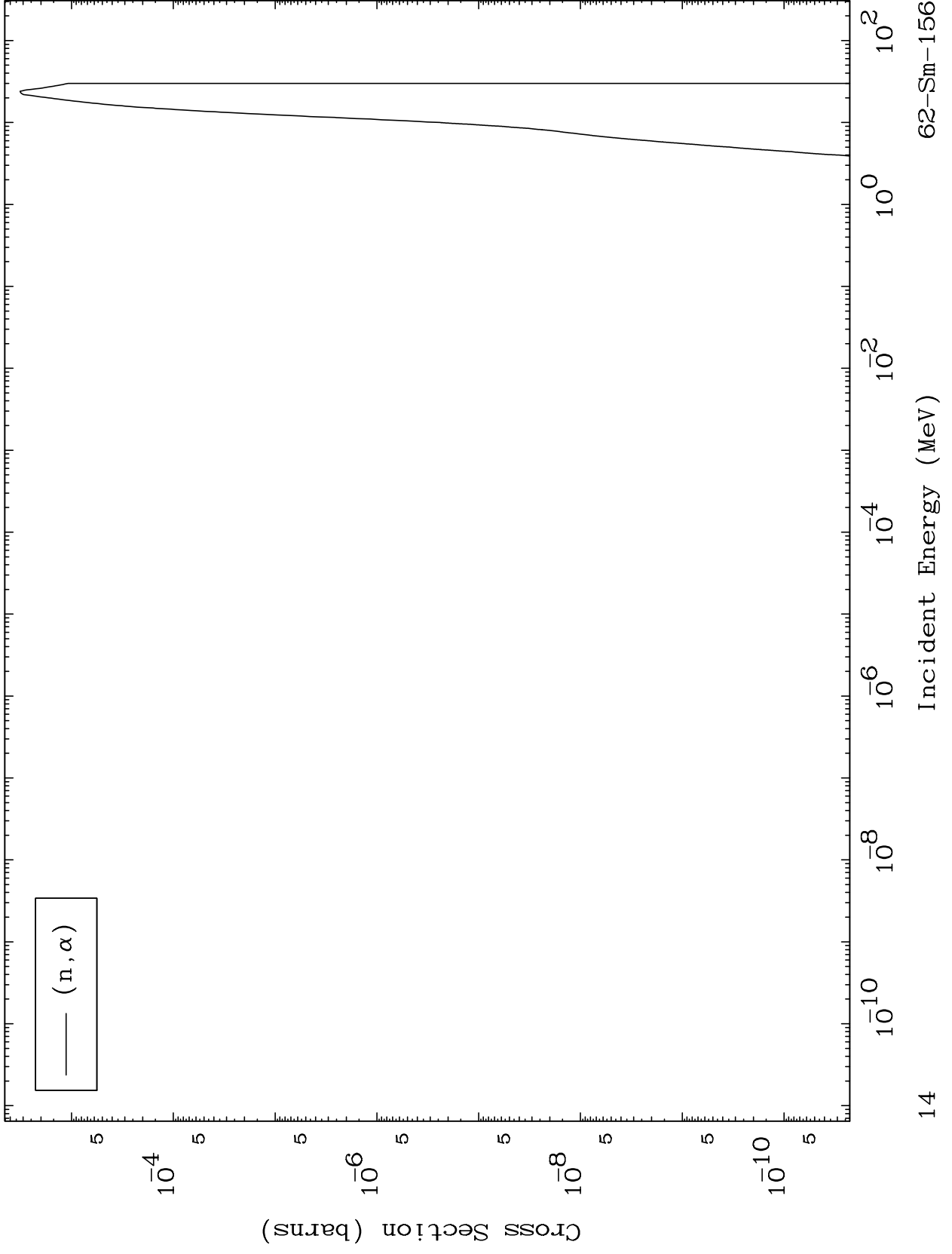
Incident Energy (MeV)

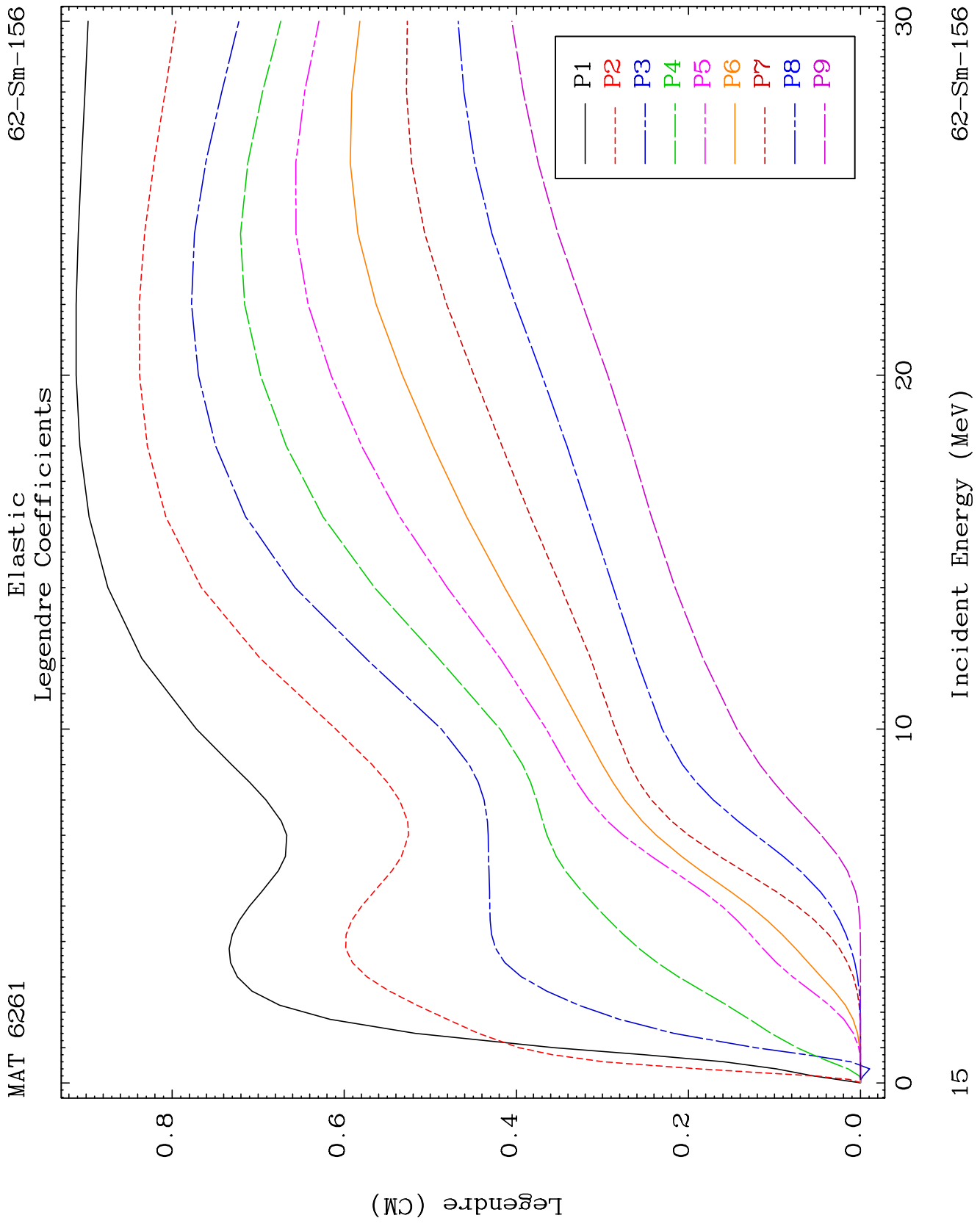
62-Sm-156

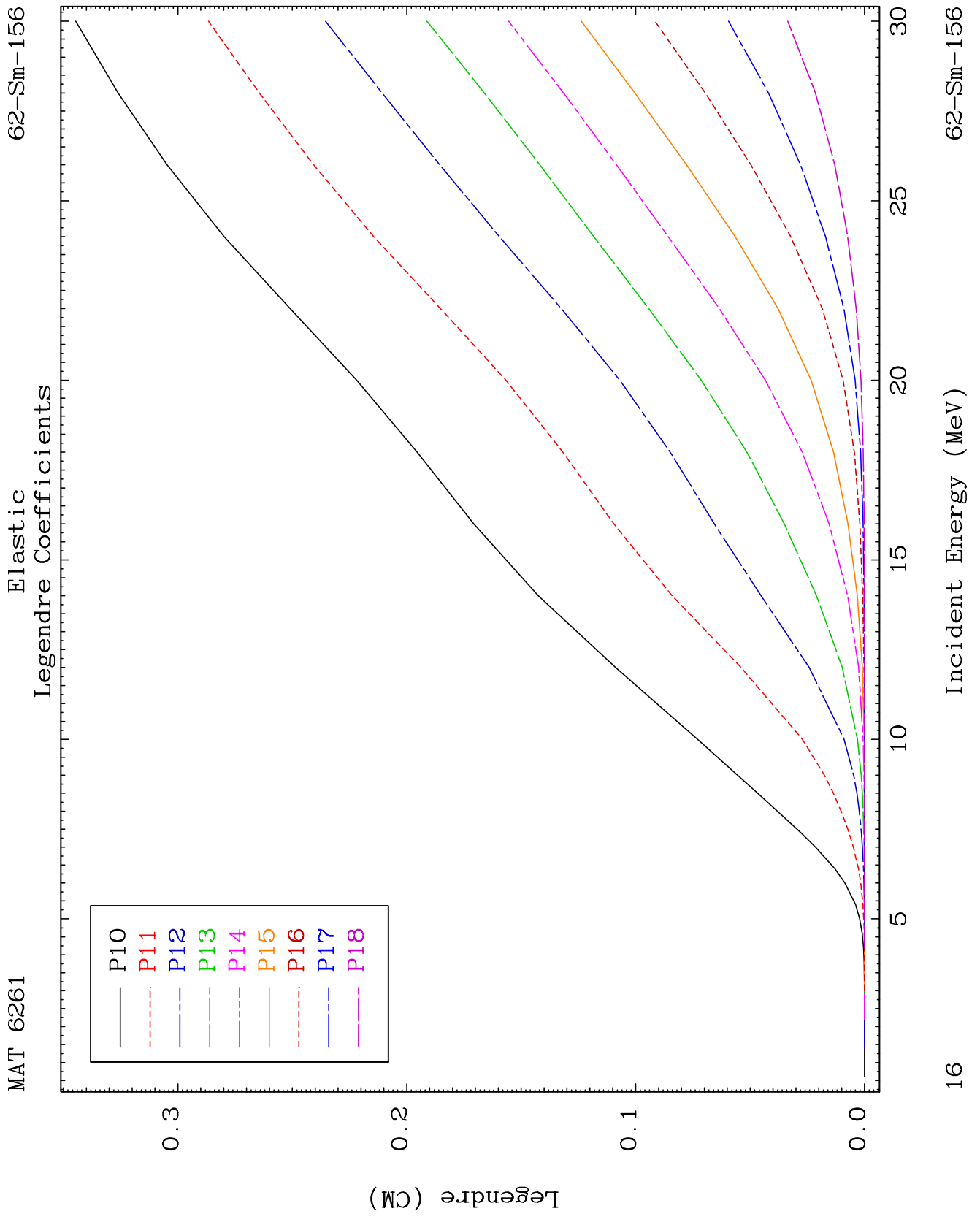
MAT 6261

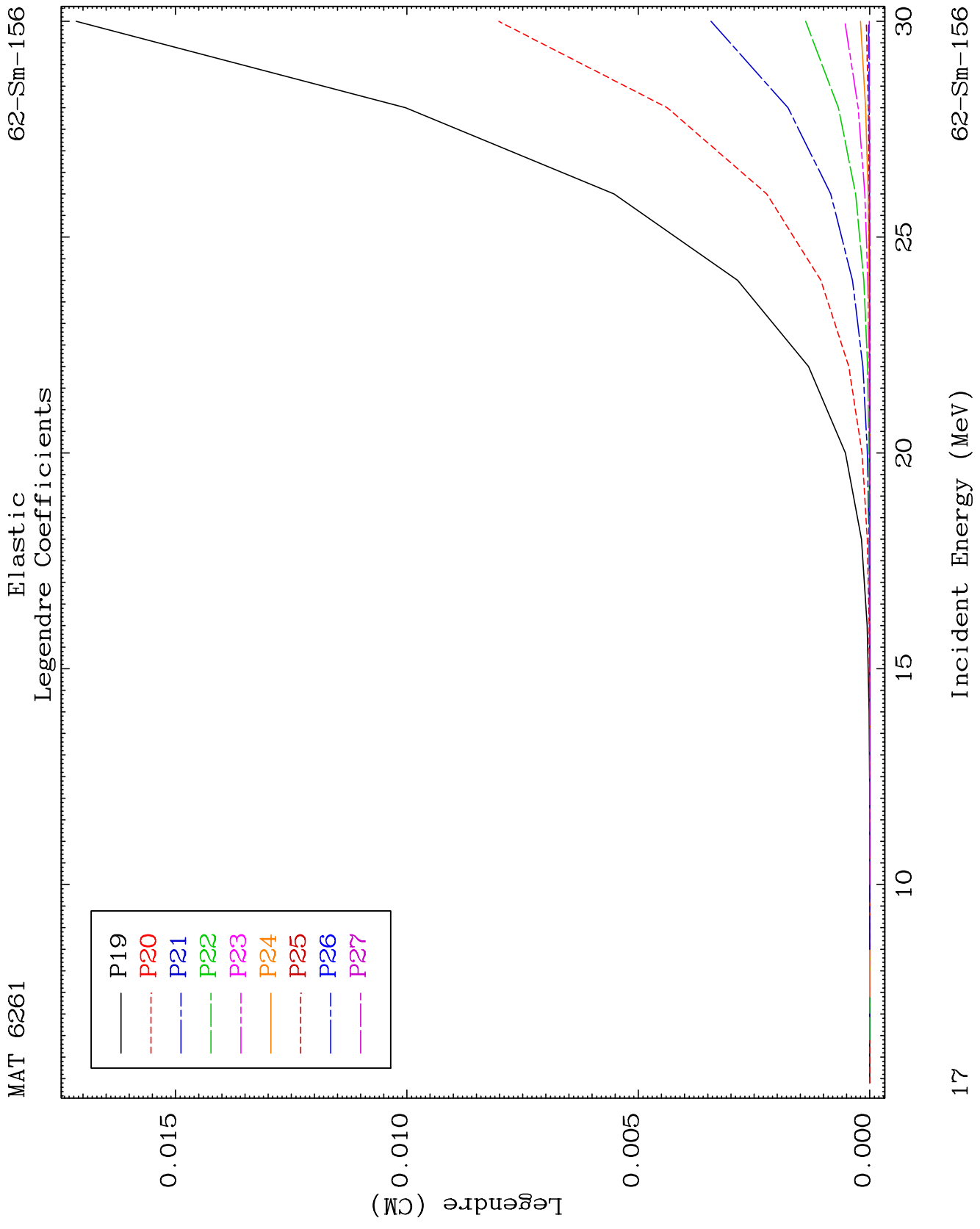
(n, α) Levels
293 Kelvin Cross Sections

62-Sm-156









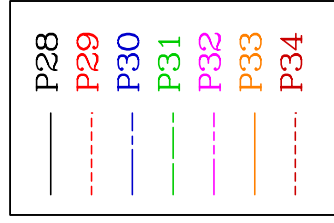
MAT 6261

17

MAT 6261

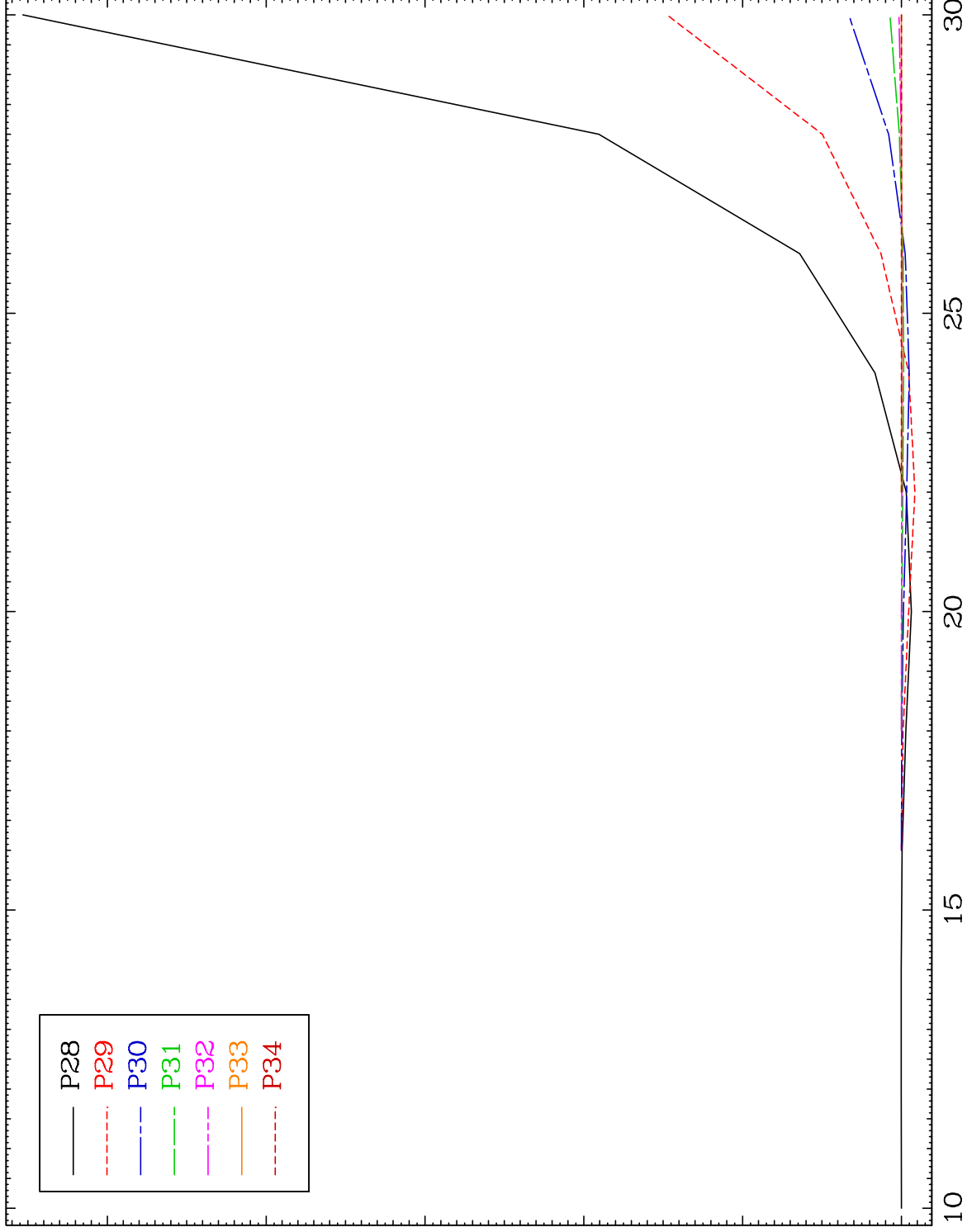
Elastic Legendre Coefficients

62-Sm-156



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

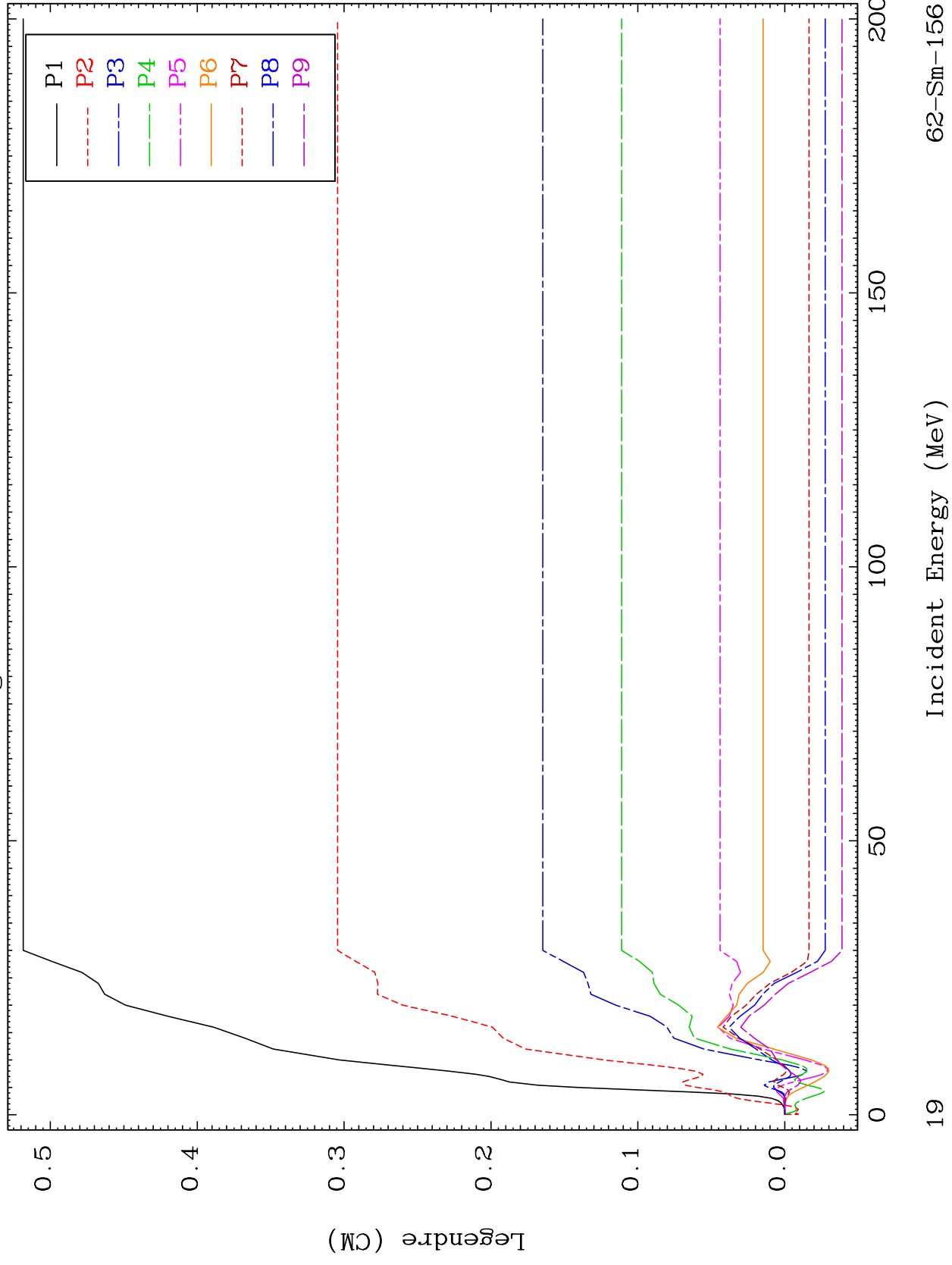
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

62-Sm-156



62-Sm-156

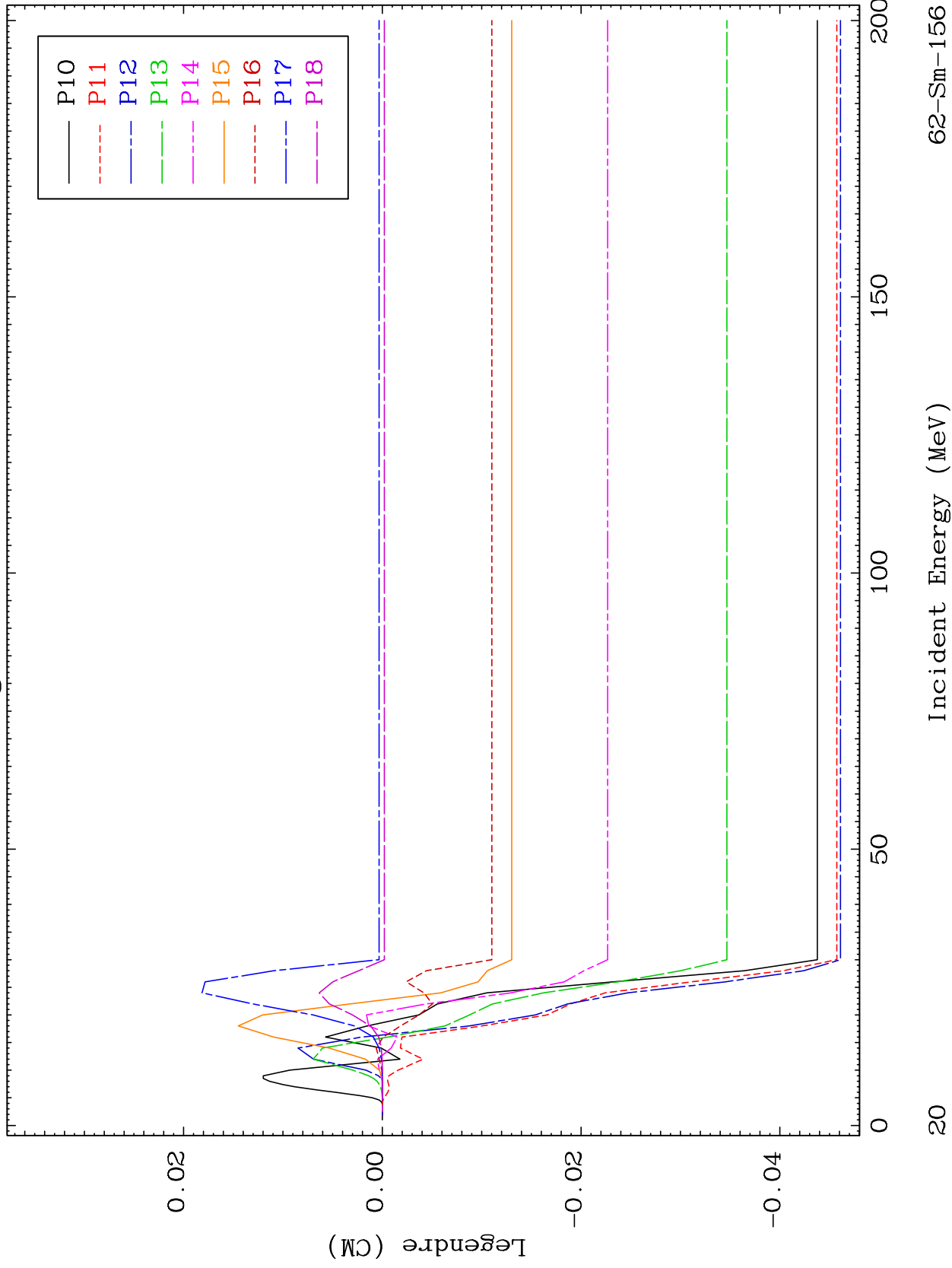
Incident Energy (MeV)

19

MAT 6261

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

62-Sm-156



62-Sm-156

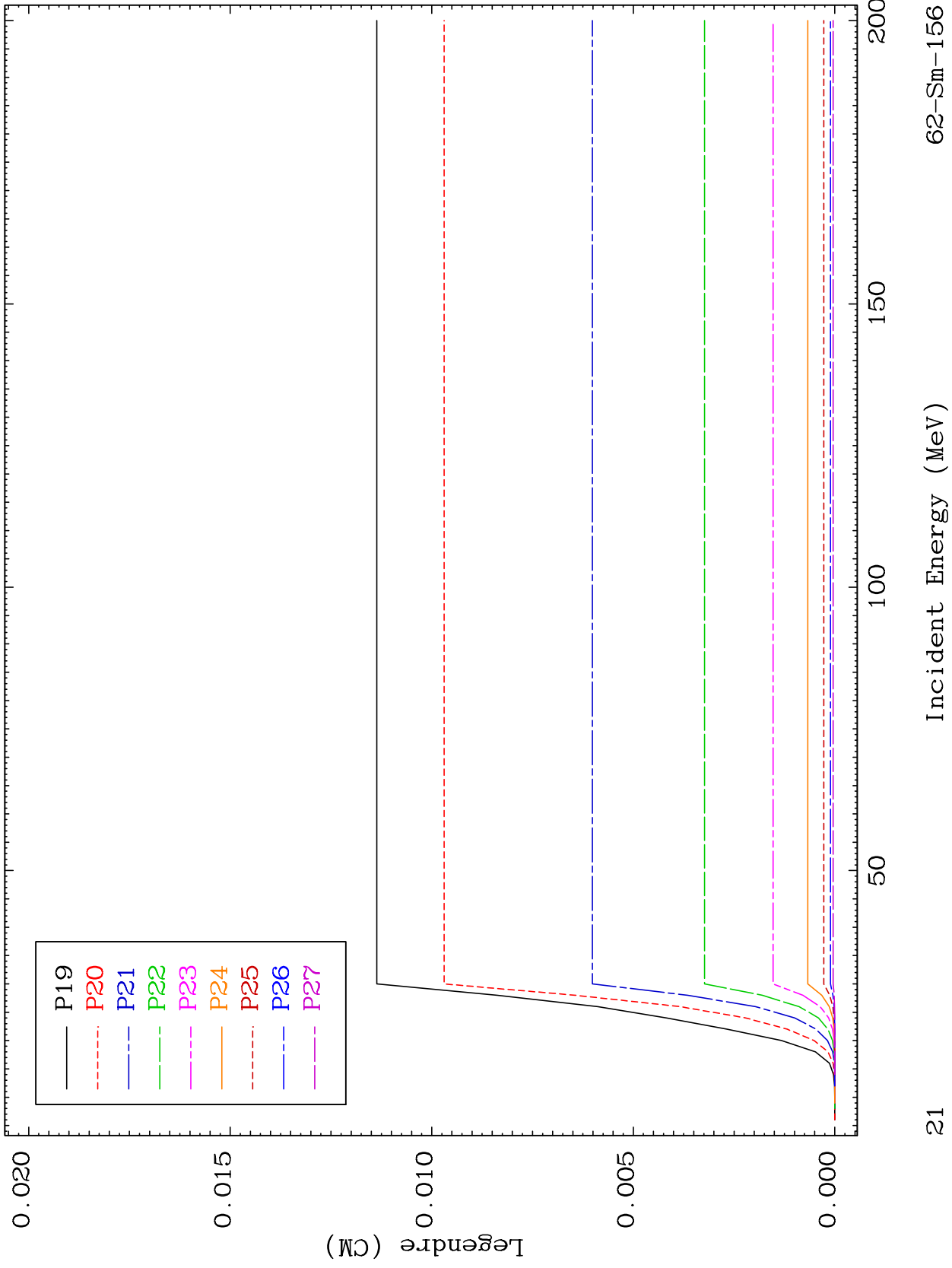
Incident Energy (MeV)

20

MAT 6261

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

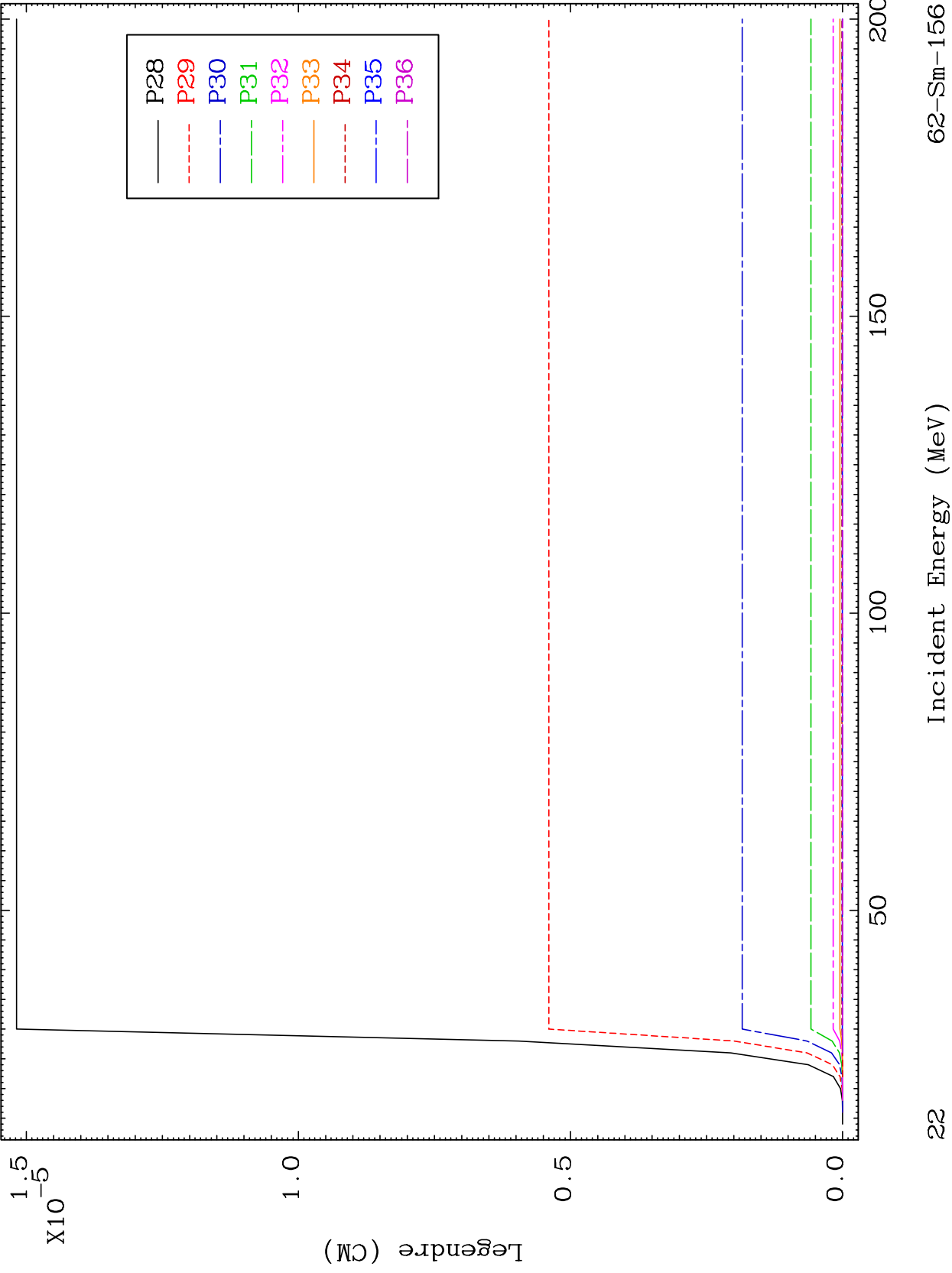
62-Sm-156



MAT 6261

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

62-Sm-156



22

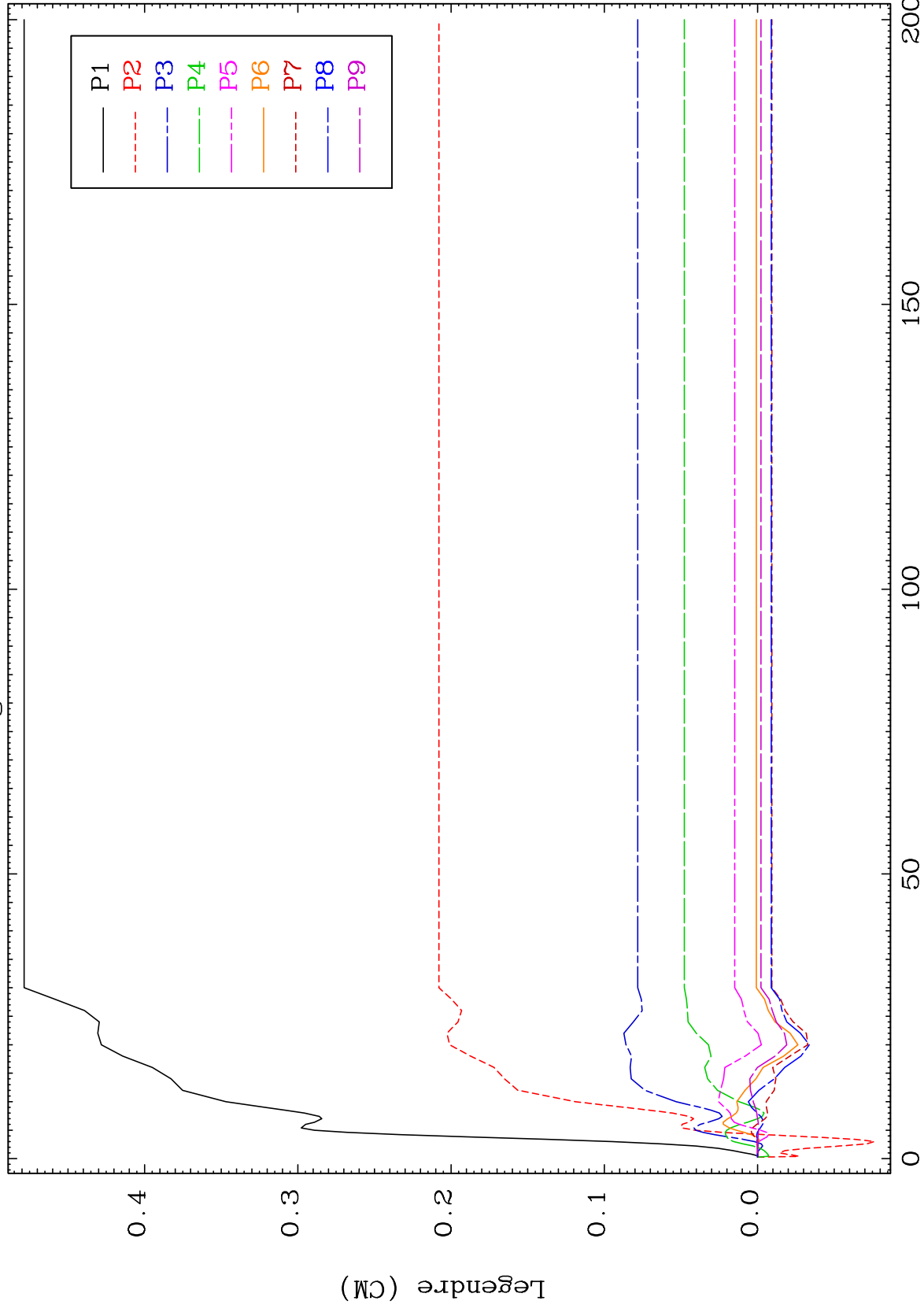
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

62-Sm-156



62-Sm-156

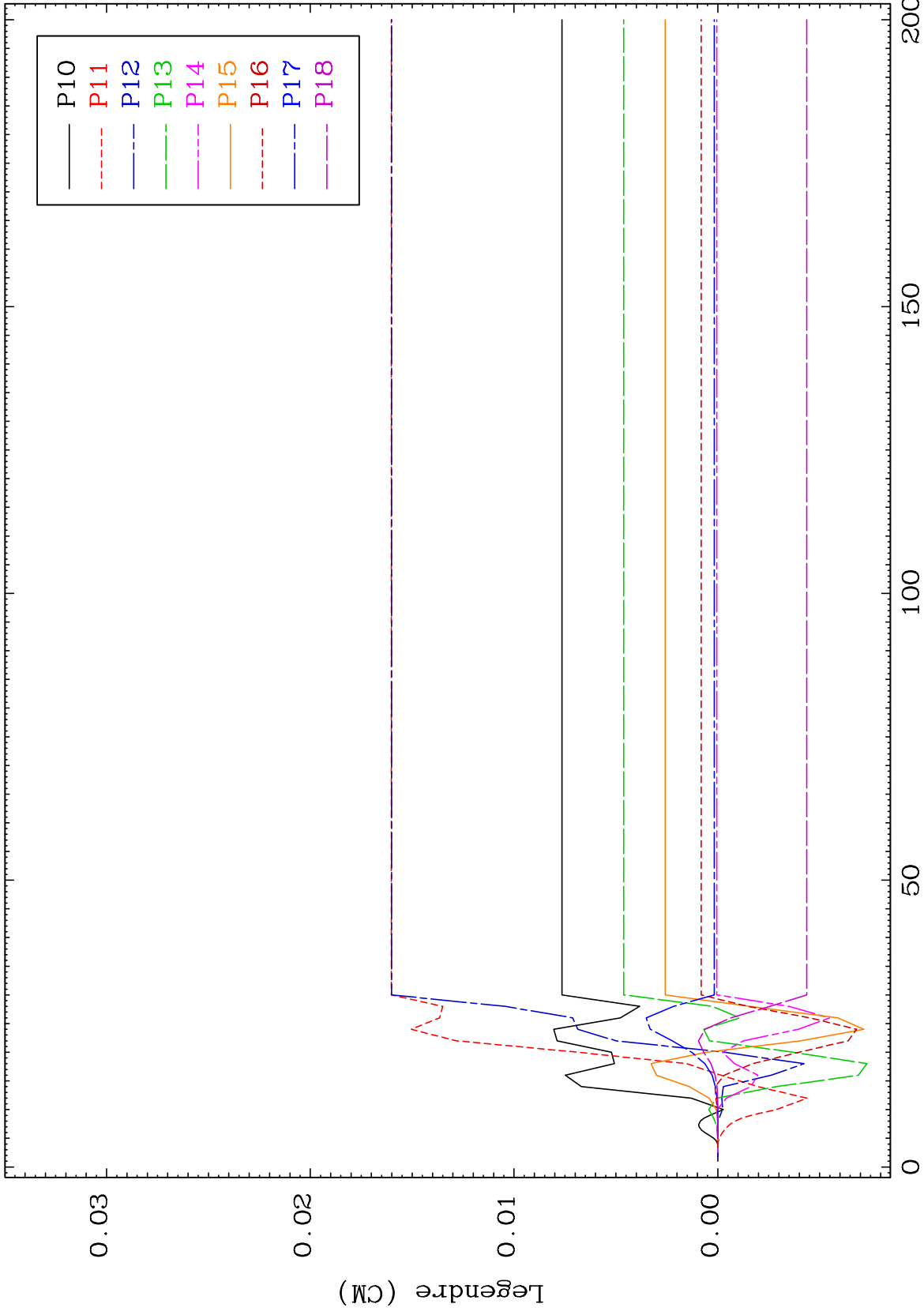
Incident Energy (MeV)

23

MAT 6261

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

62-Sm-156



24

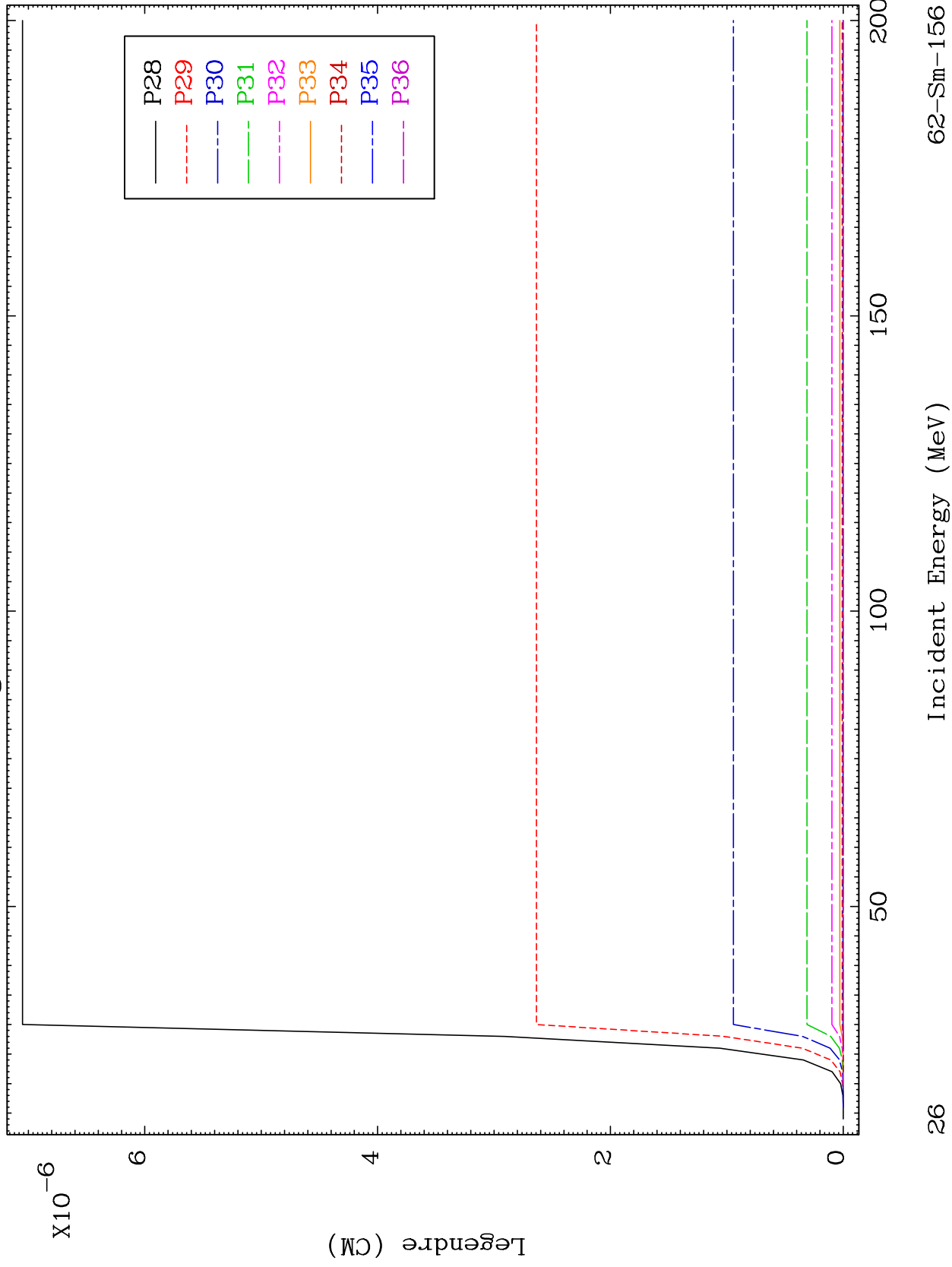
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

62-Sm-156



26

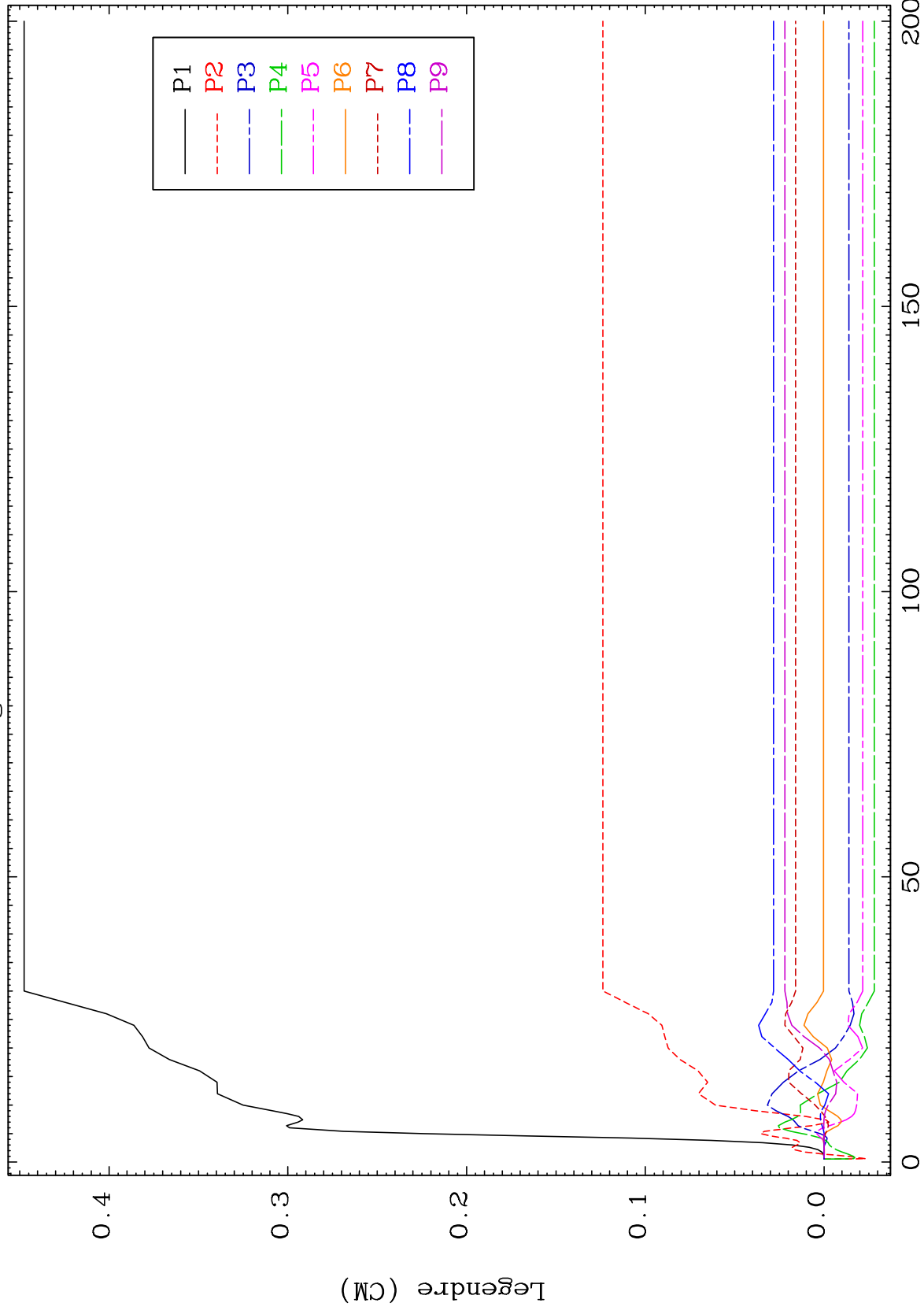
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

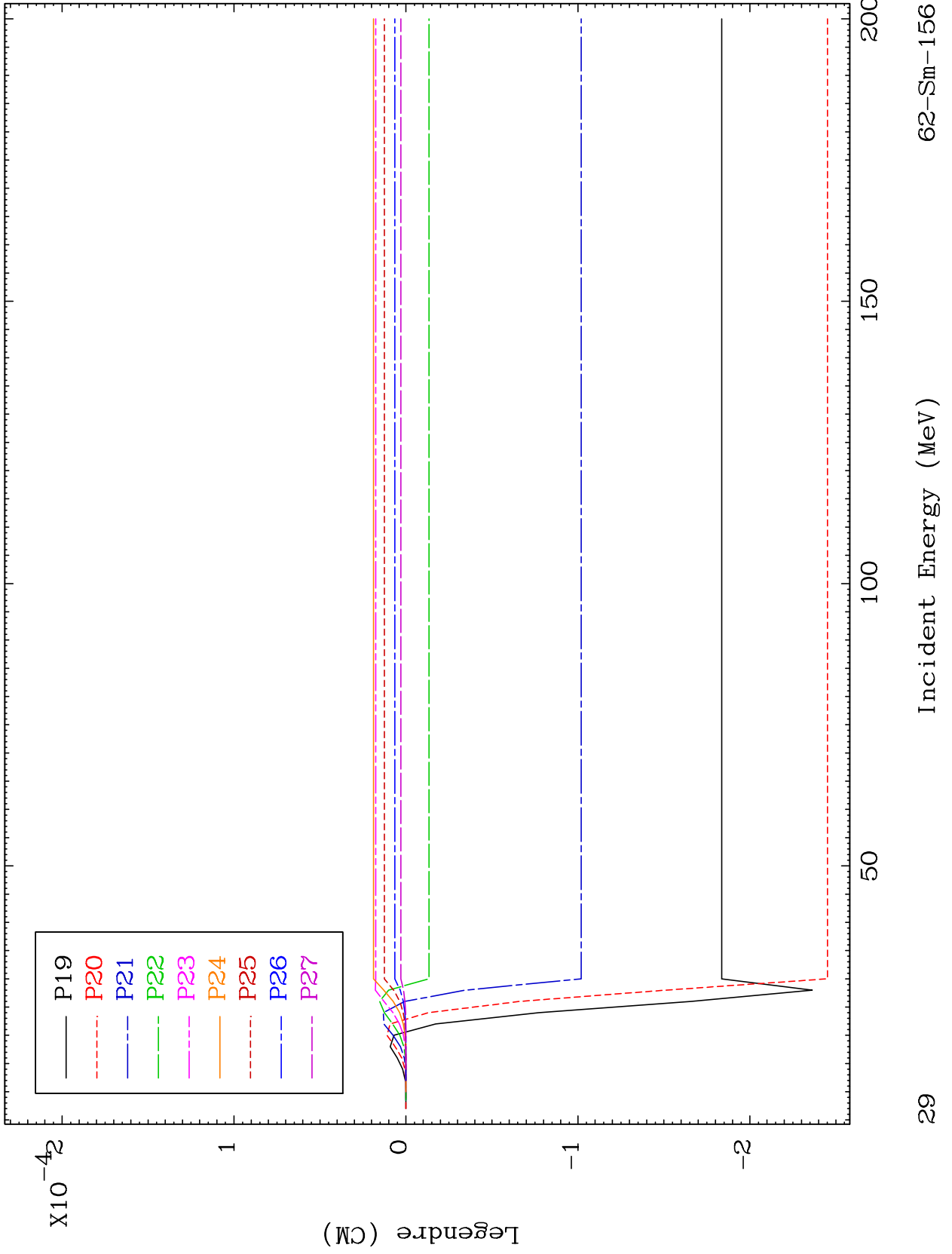
62-Sm-156



27

Incident Energy (MeV)

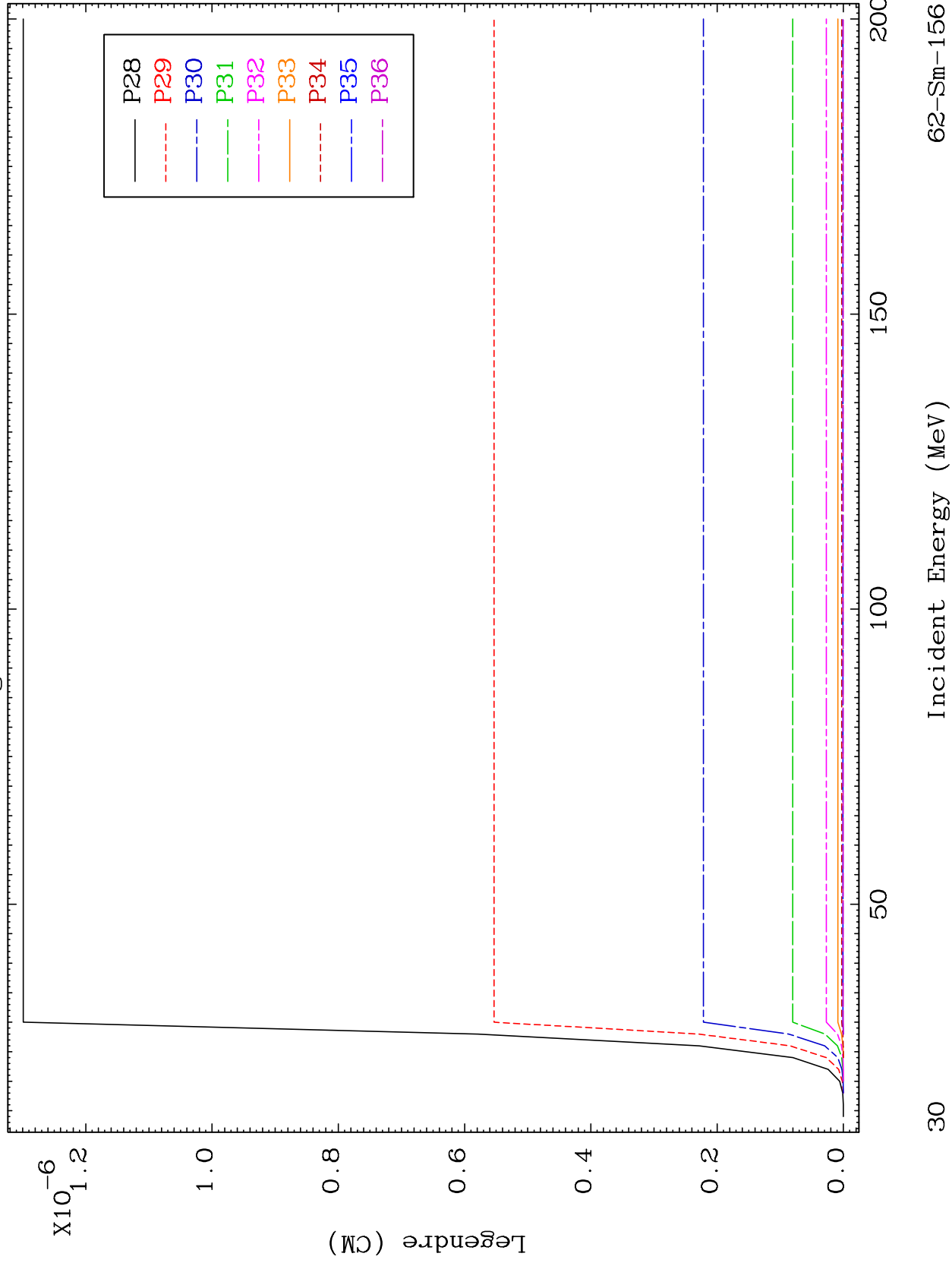
62-Sm-156

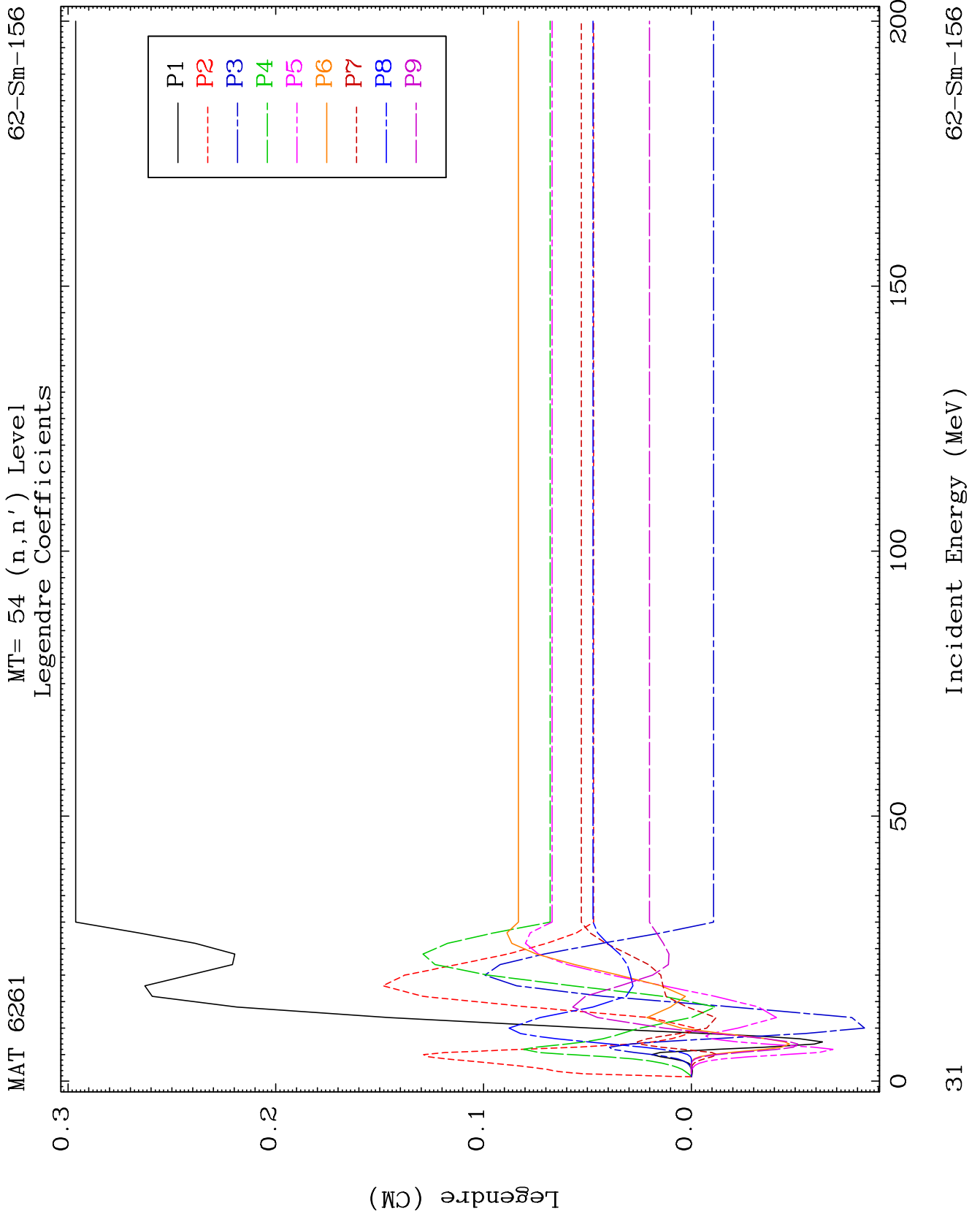


MAT 6261

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

62-Sm-156

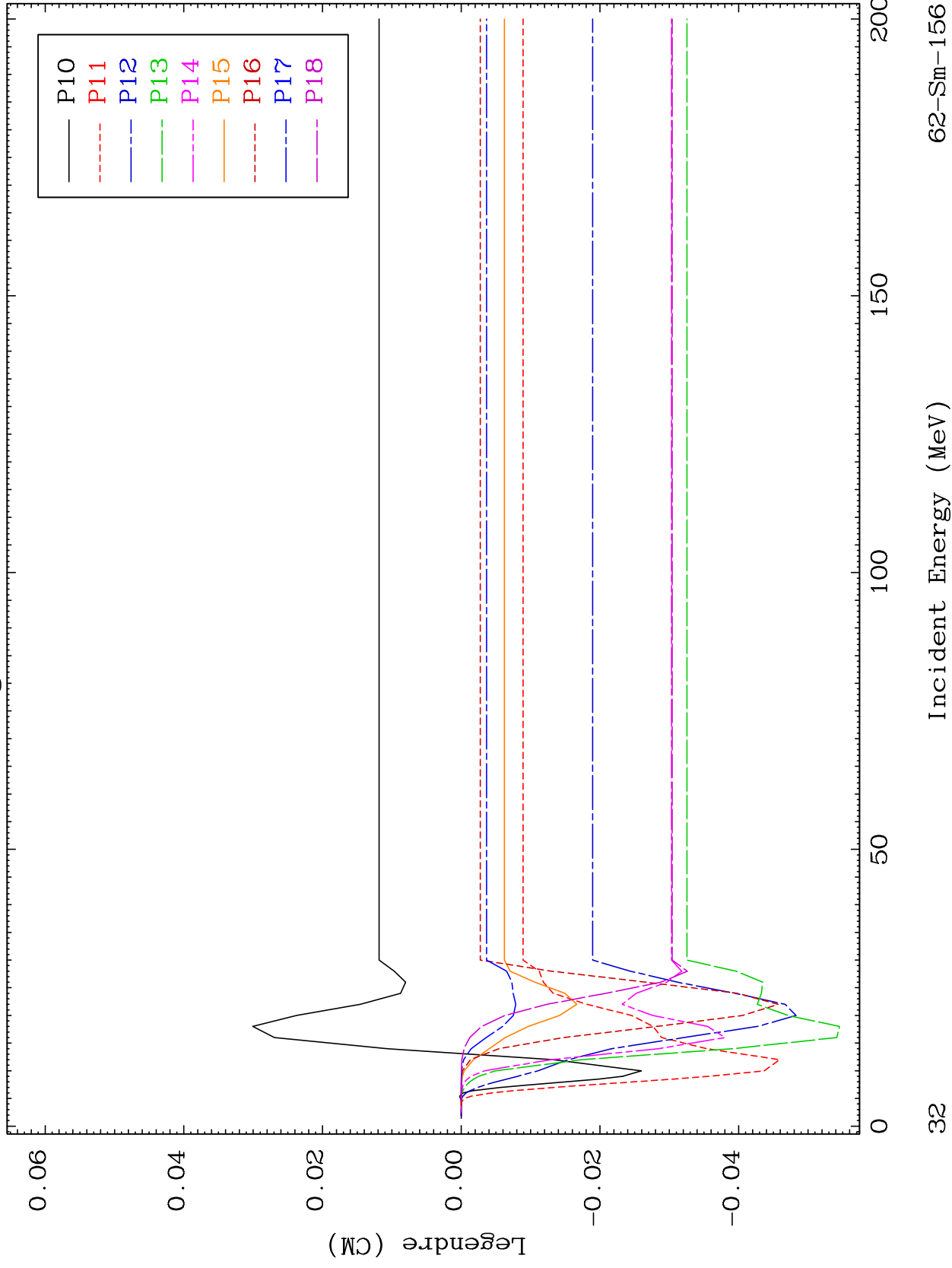




MAT 6261

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

62-Sm-156



62-Sm-156

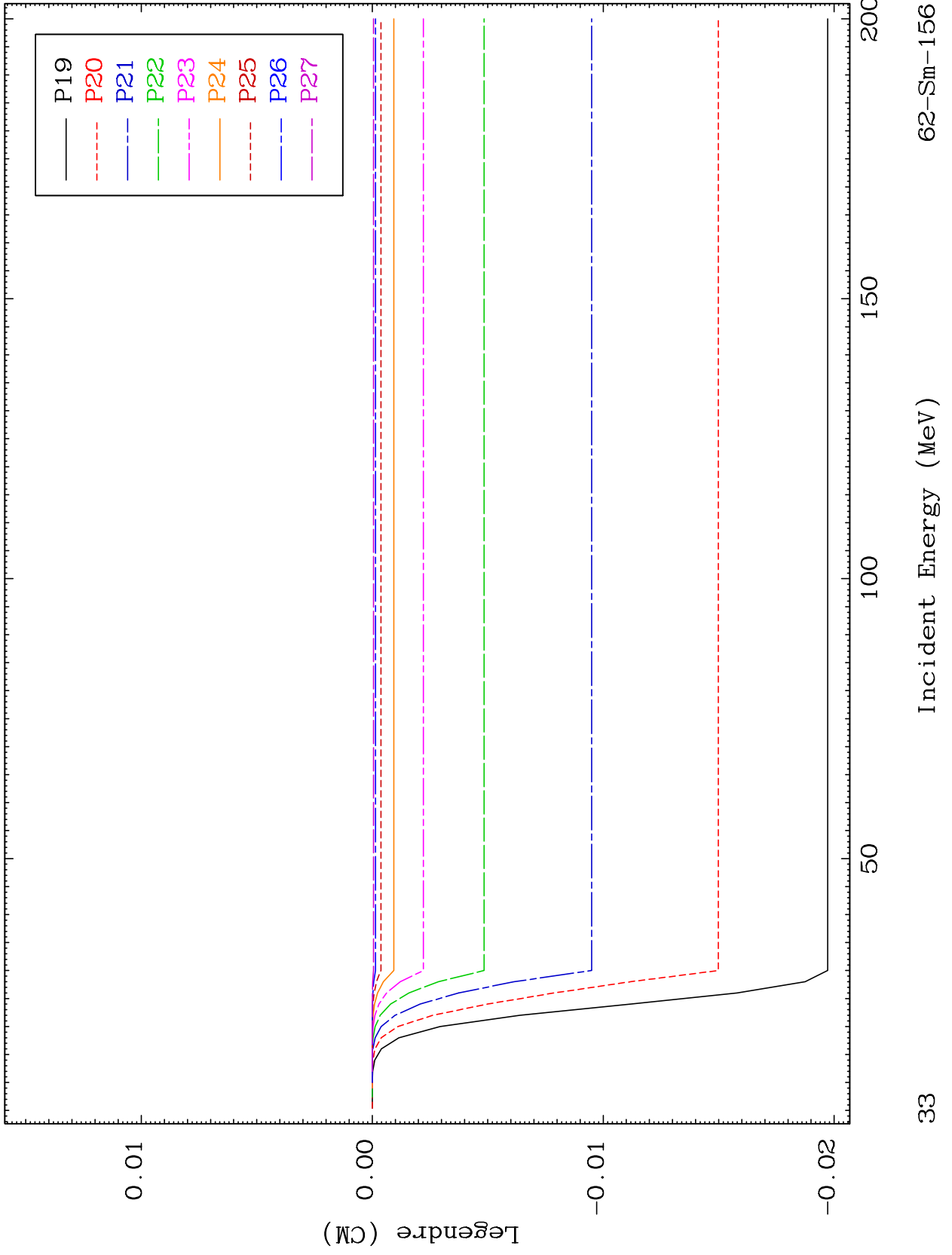
Incident Energy (MeV)

32

MAT 6261

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

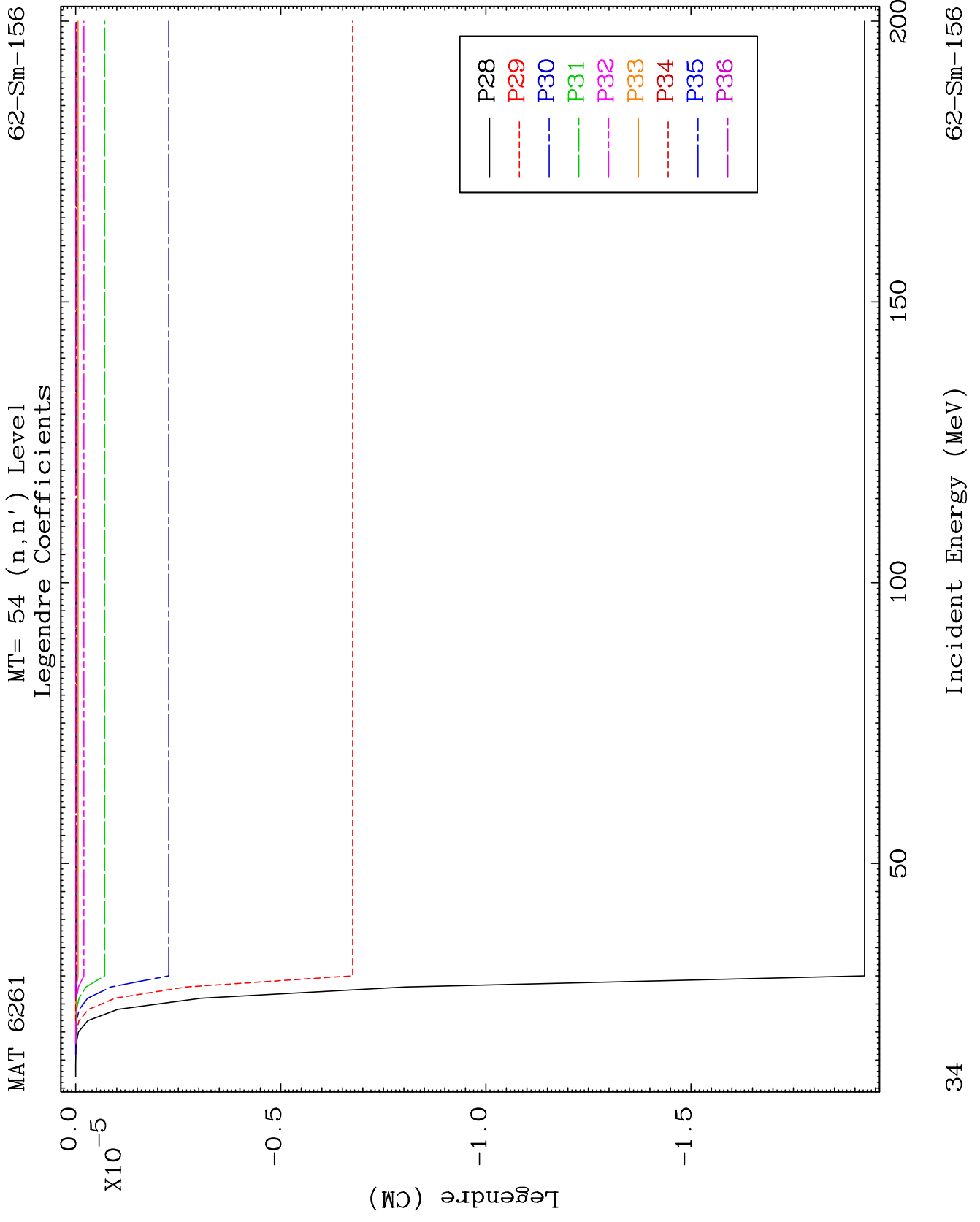
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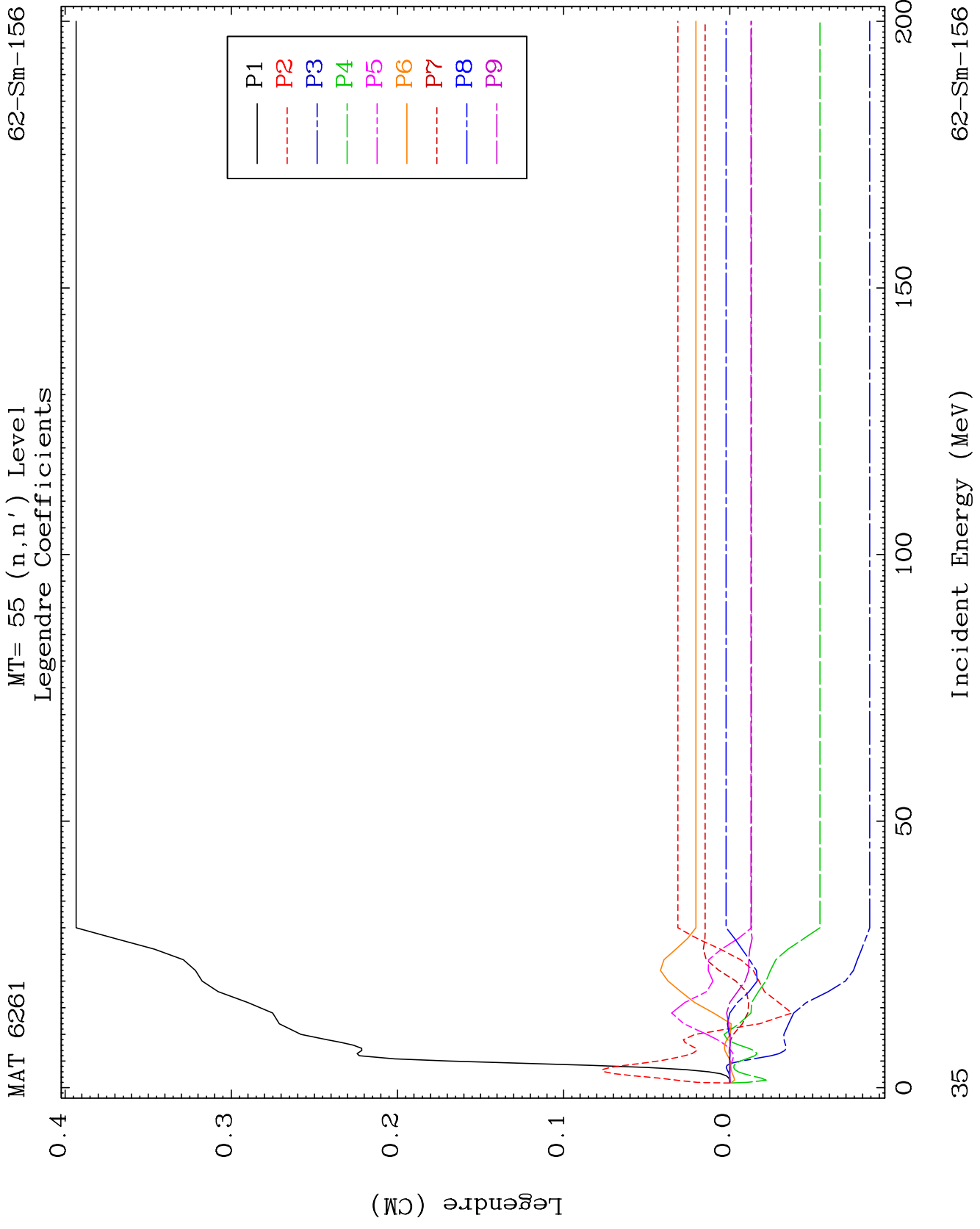


33

Incident Energy (MeV)

62-Sm-156

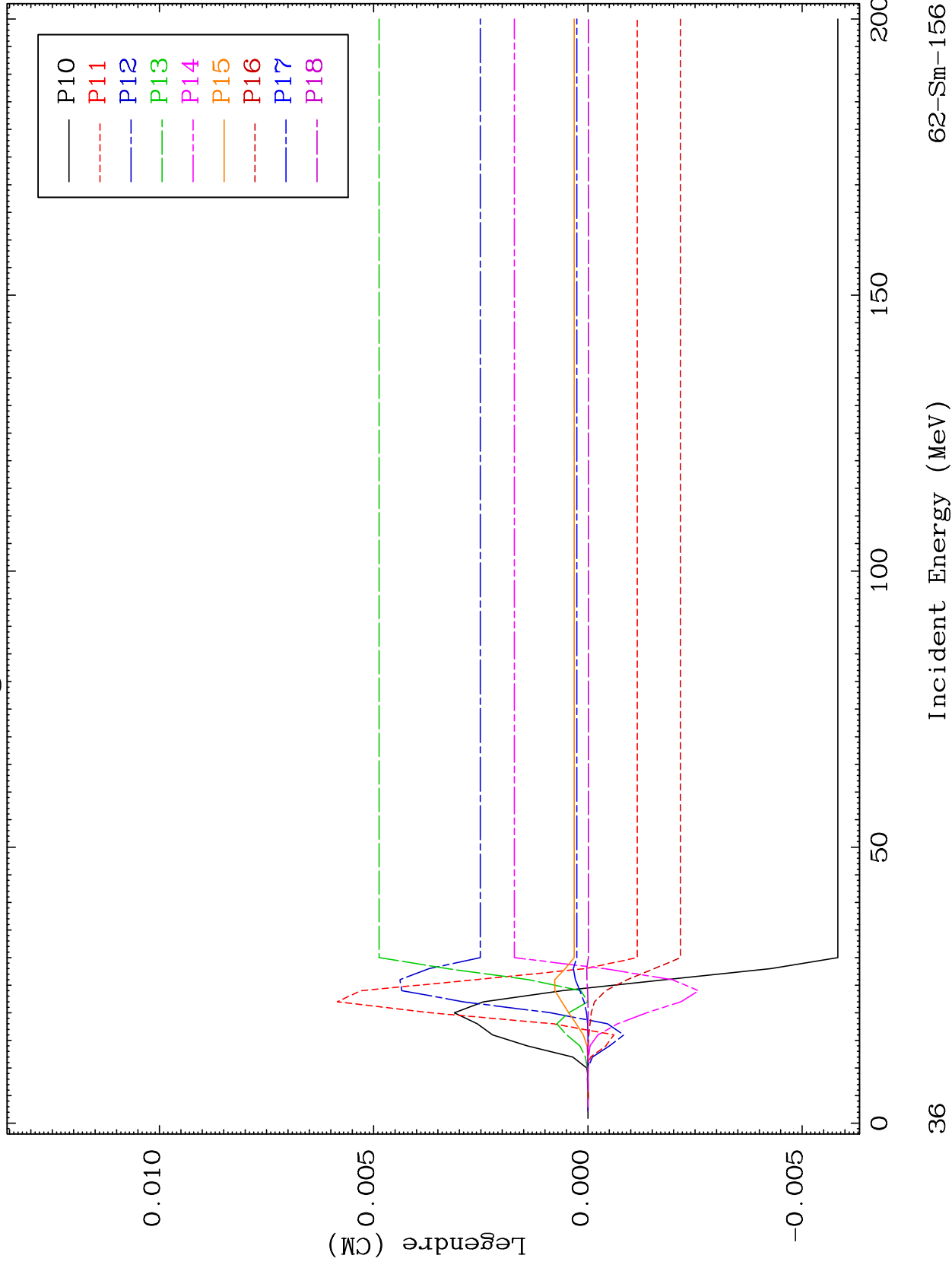




MAT 6261

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

62-Sm-156



36

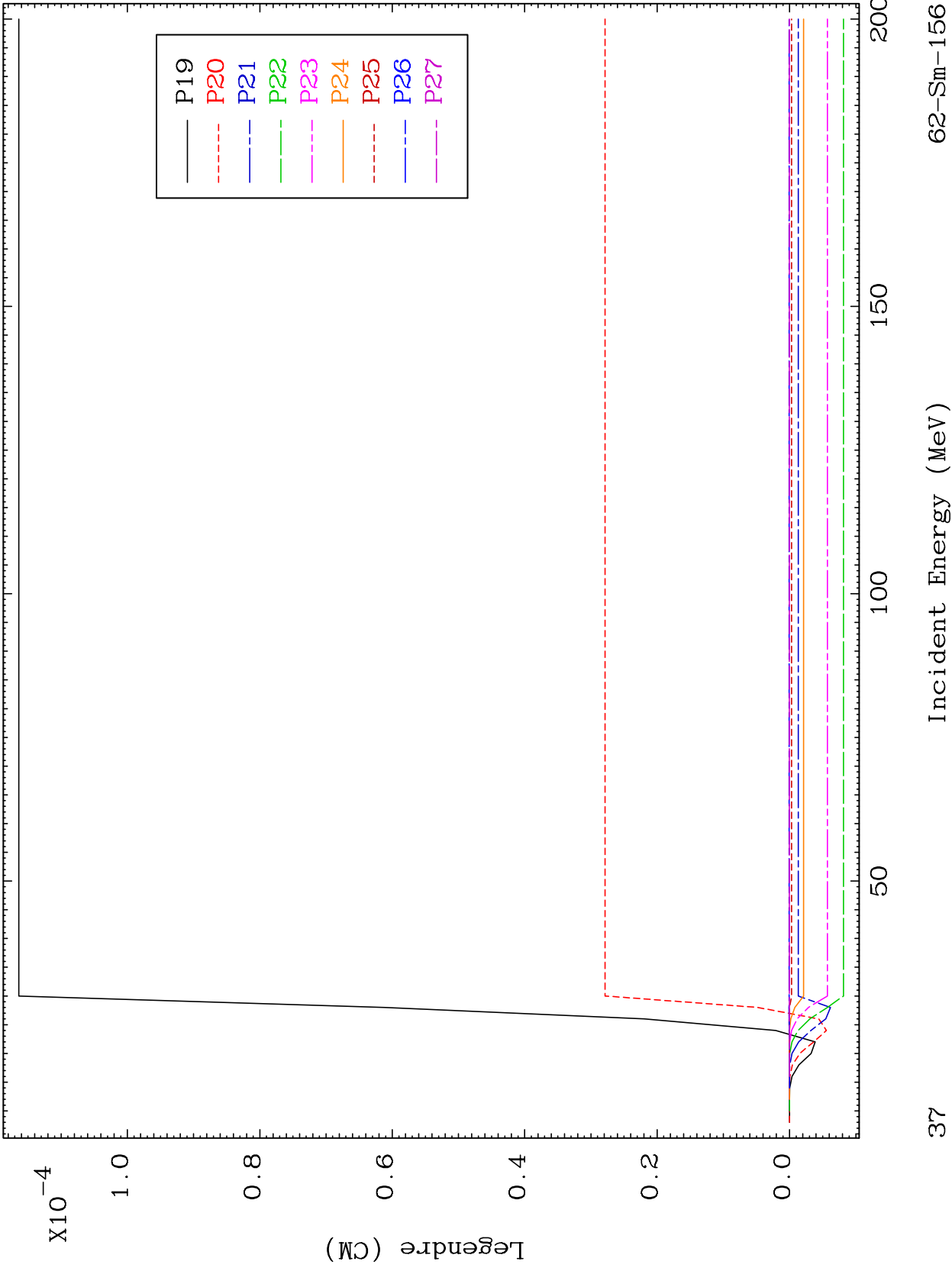
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

62-Sm-156



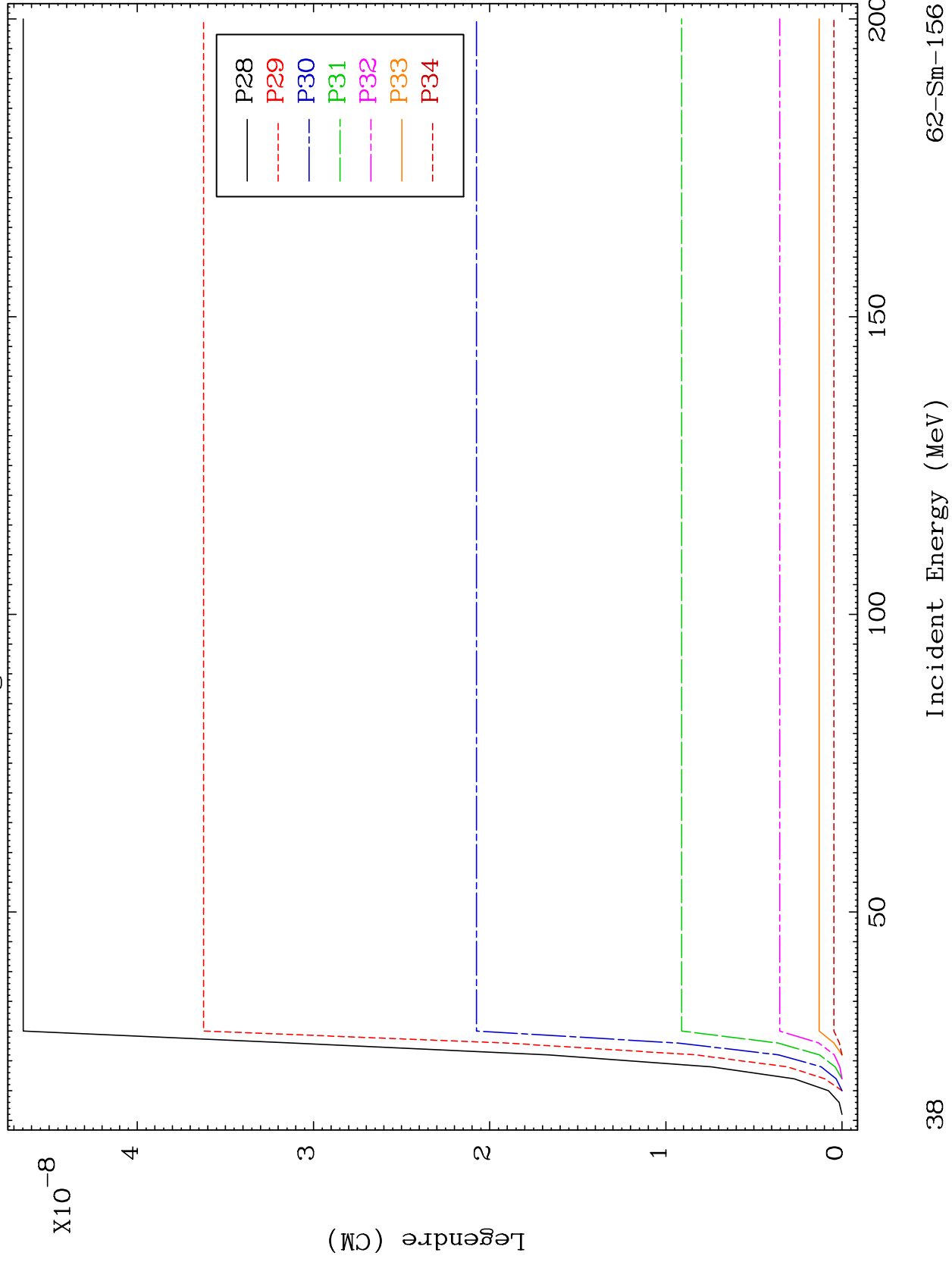
37

62-Sm-156

MAT 6261

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

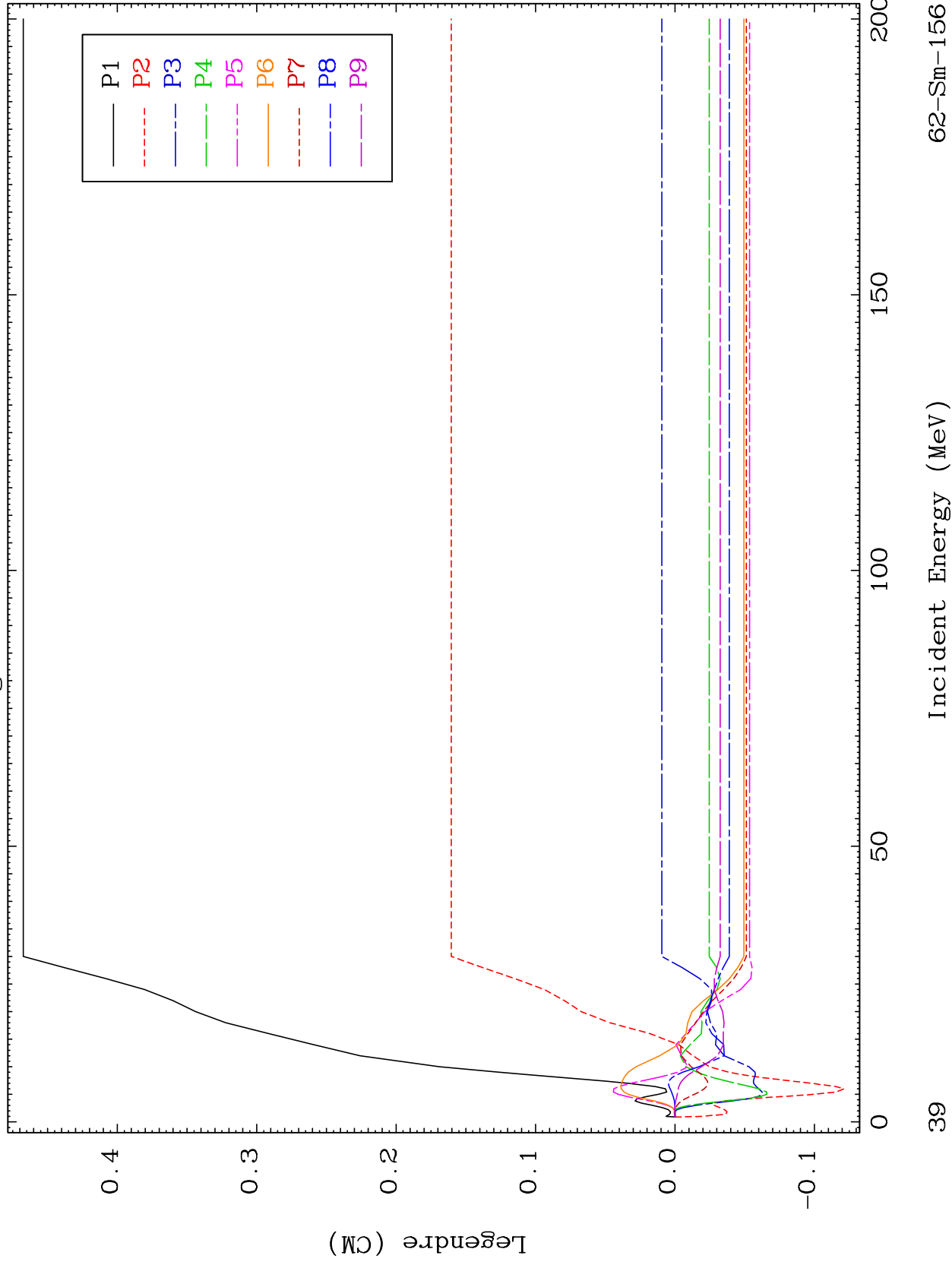
62-Sm-156



MAT 6261

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

62-Sm-156



62-Sm-156

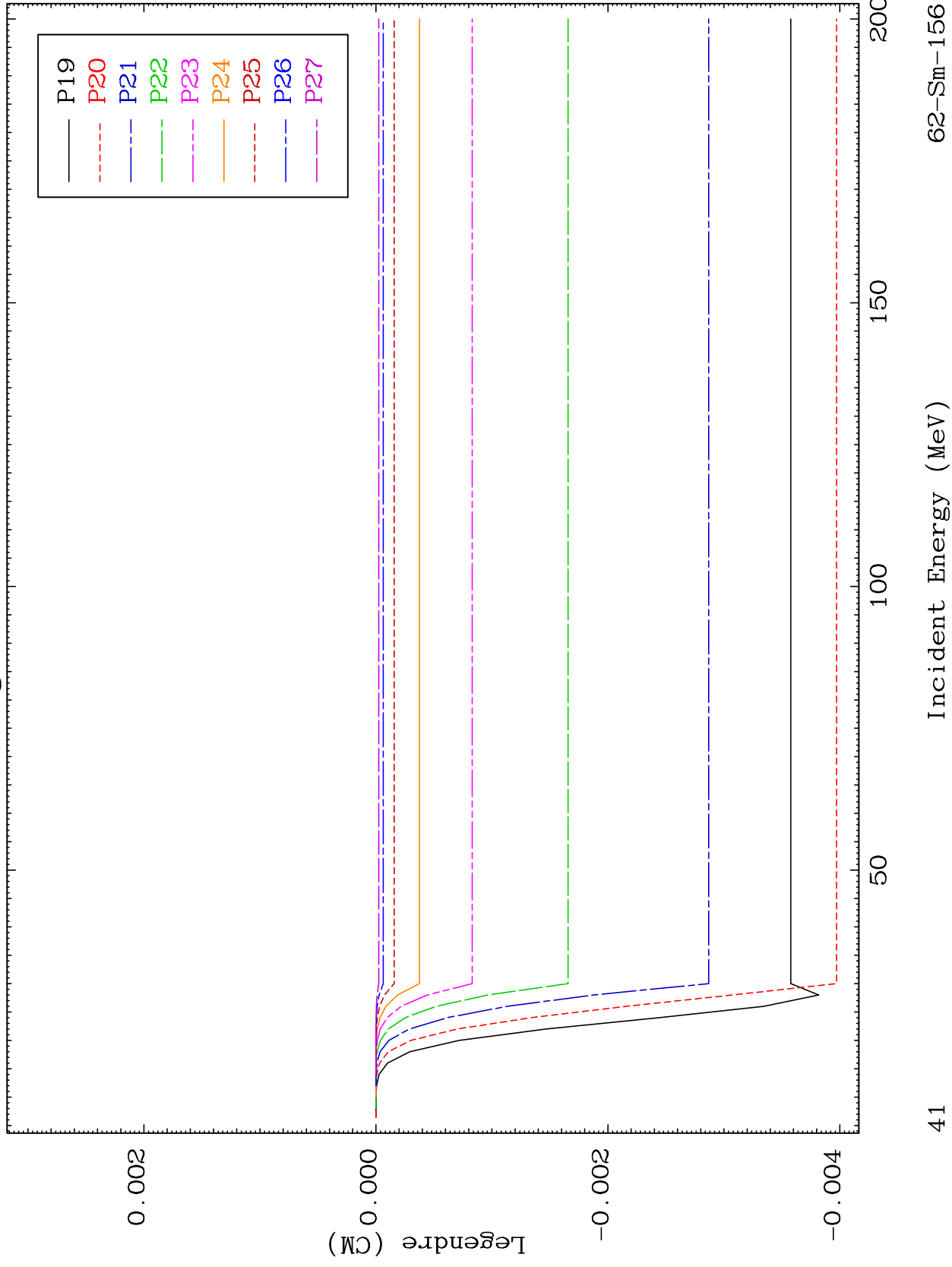
Incident Energy (MeV)

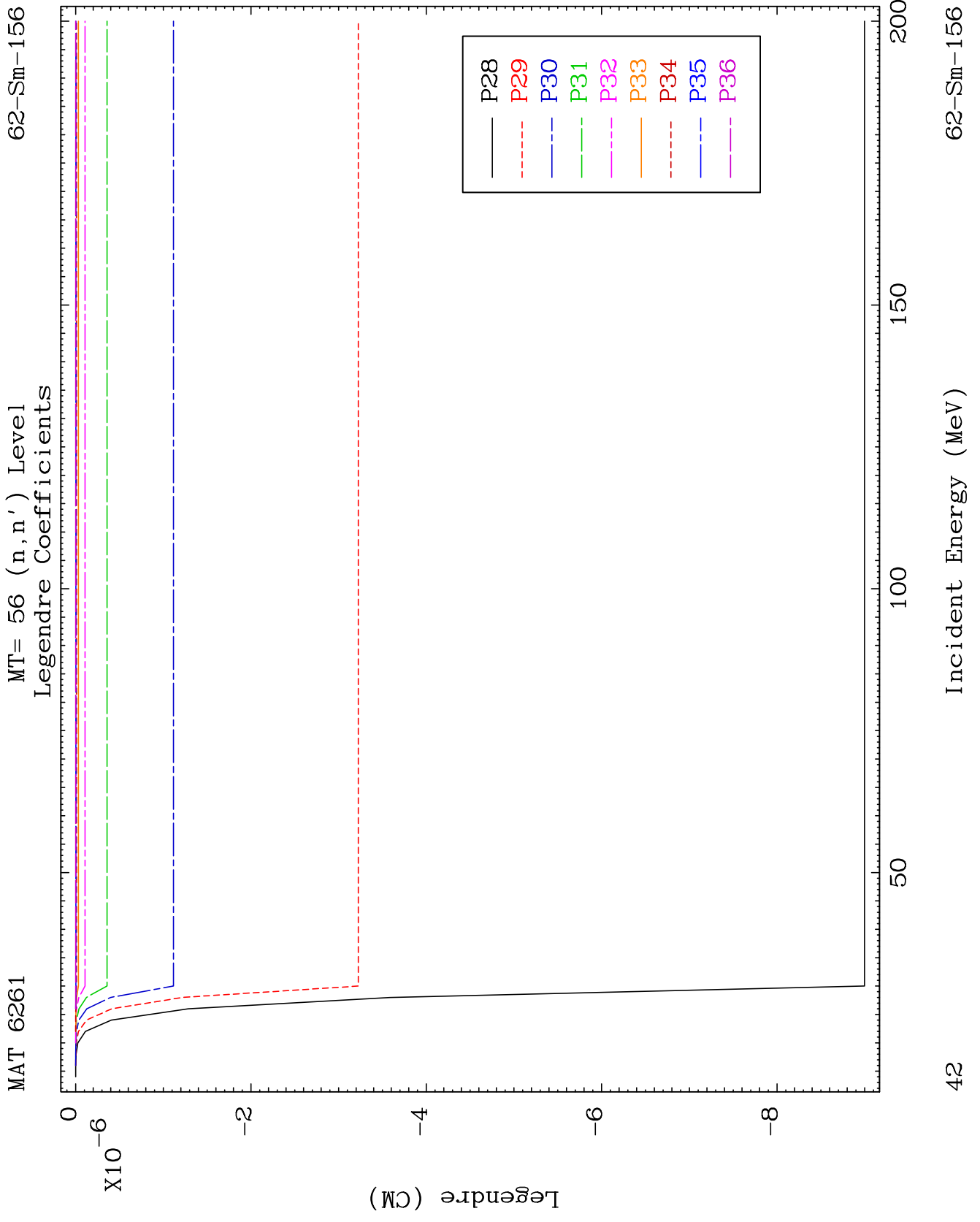
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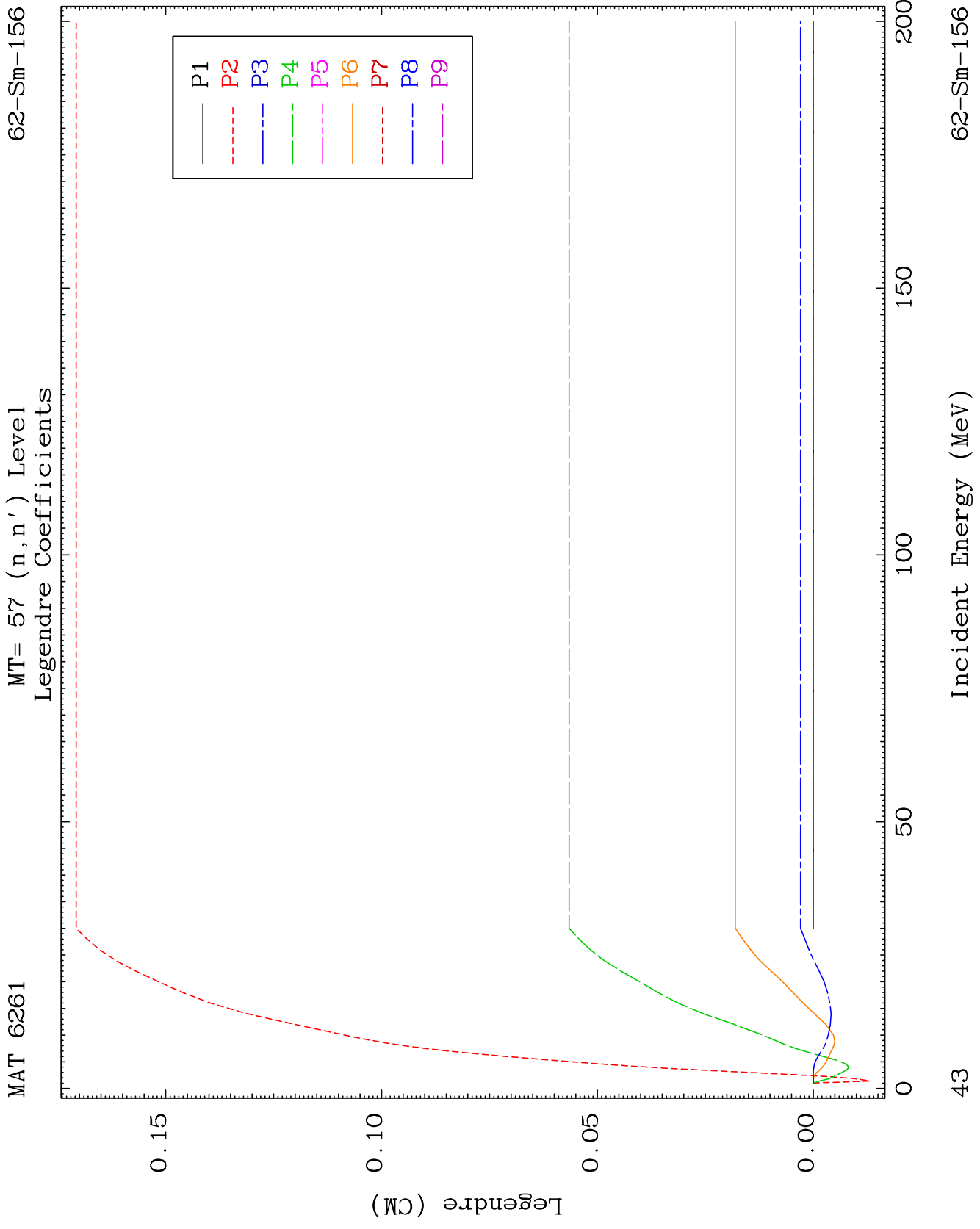
MAT 6261

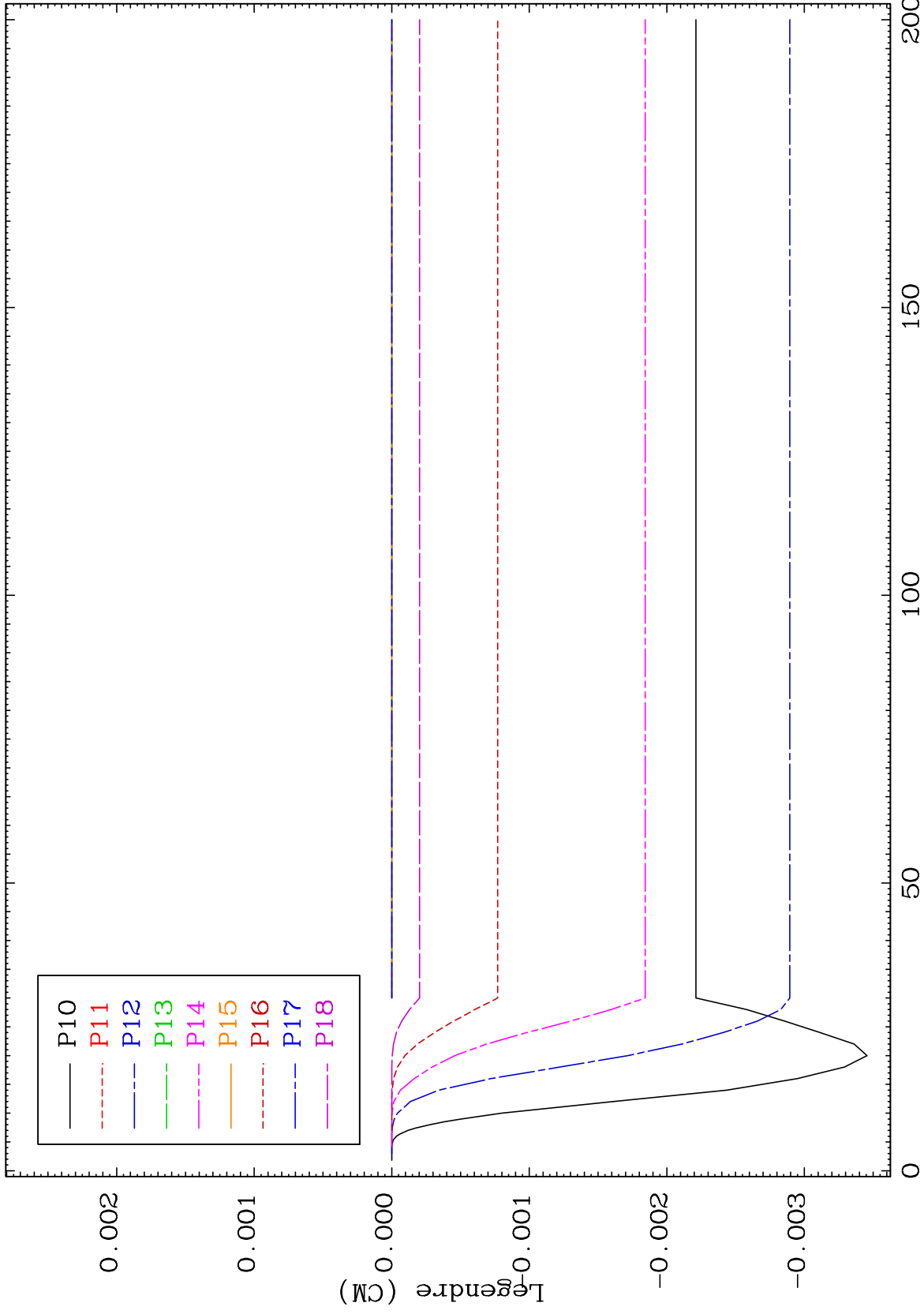
MT= 56 (n,n') Level
Legendre Coefficients

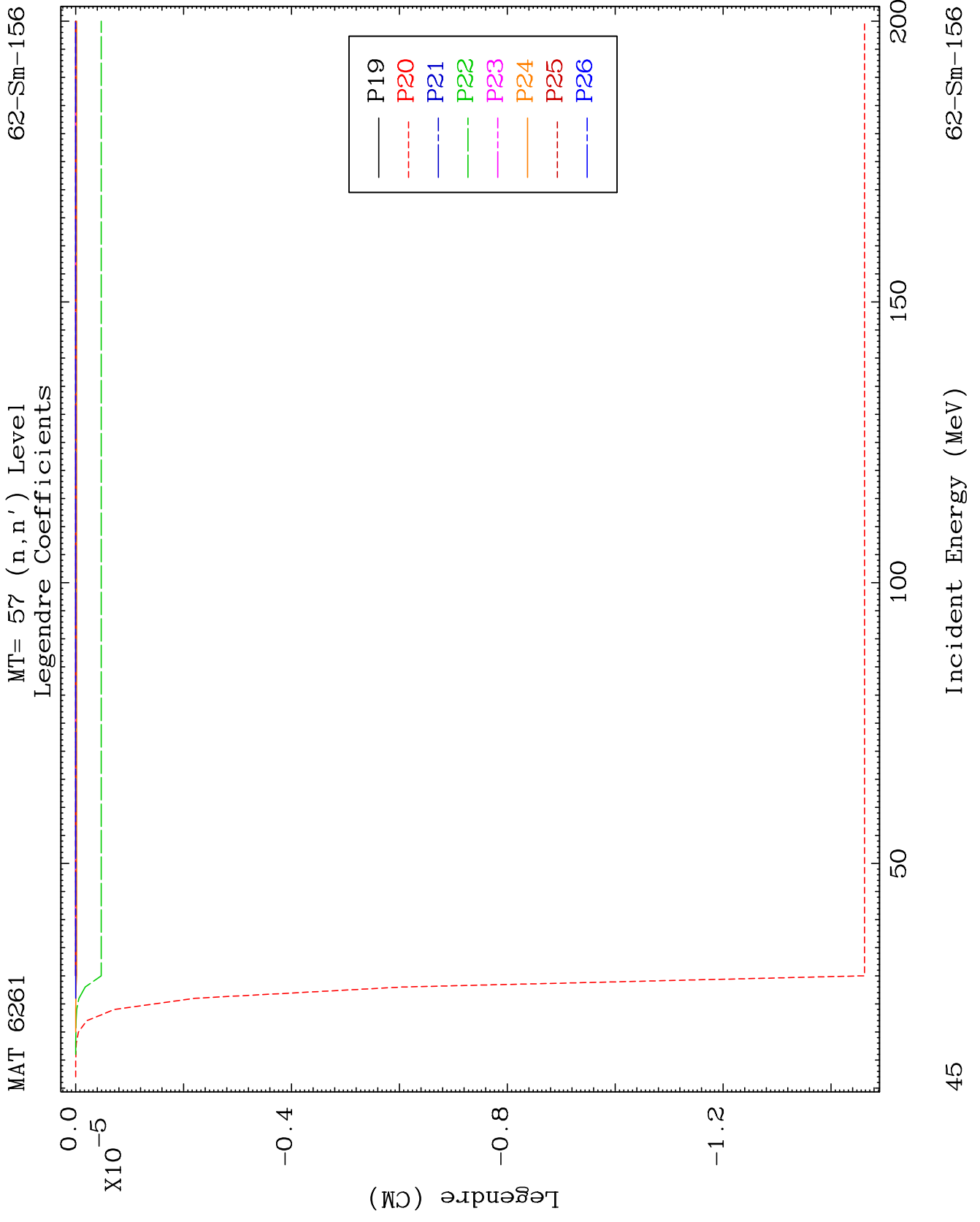
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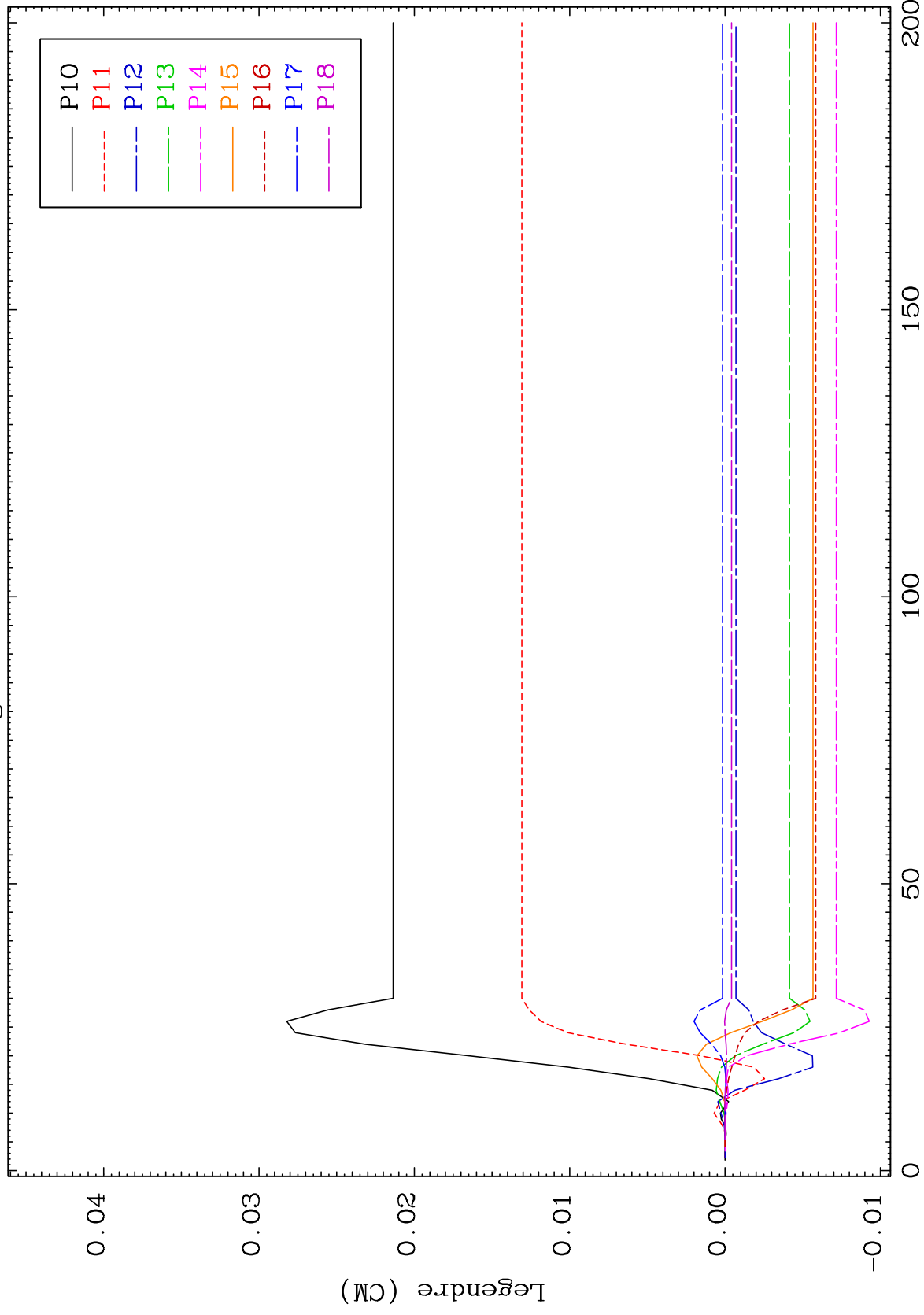




MAT 6261

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

62-Sm-156



47

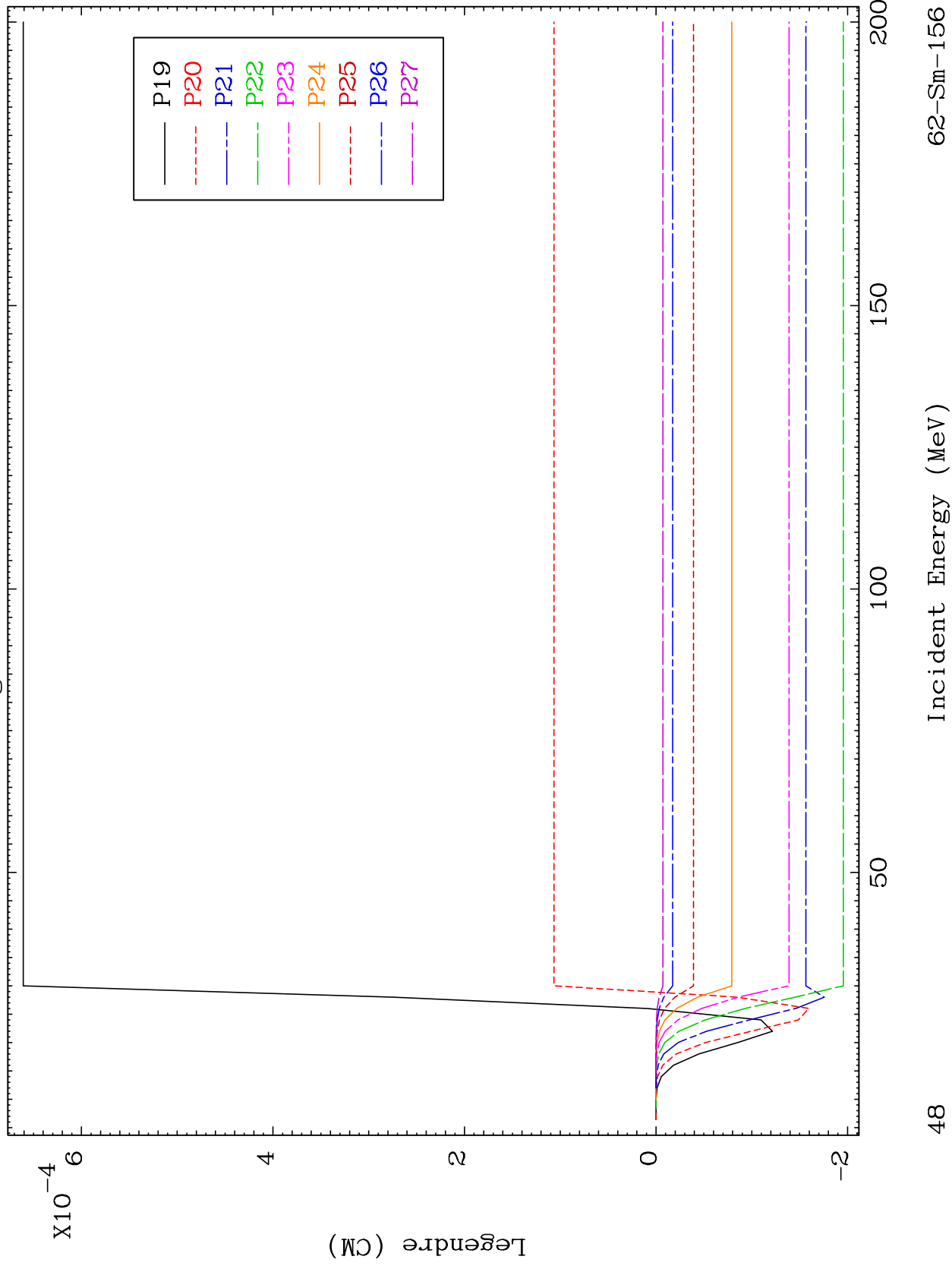
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

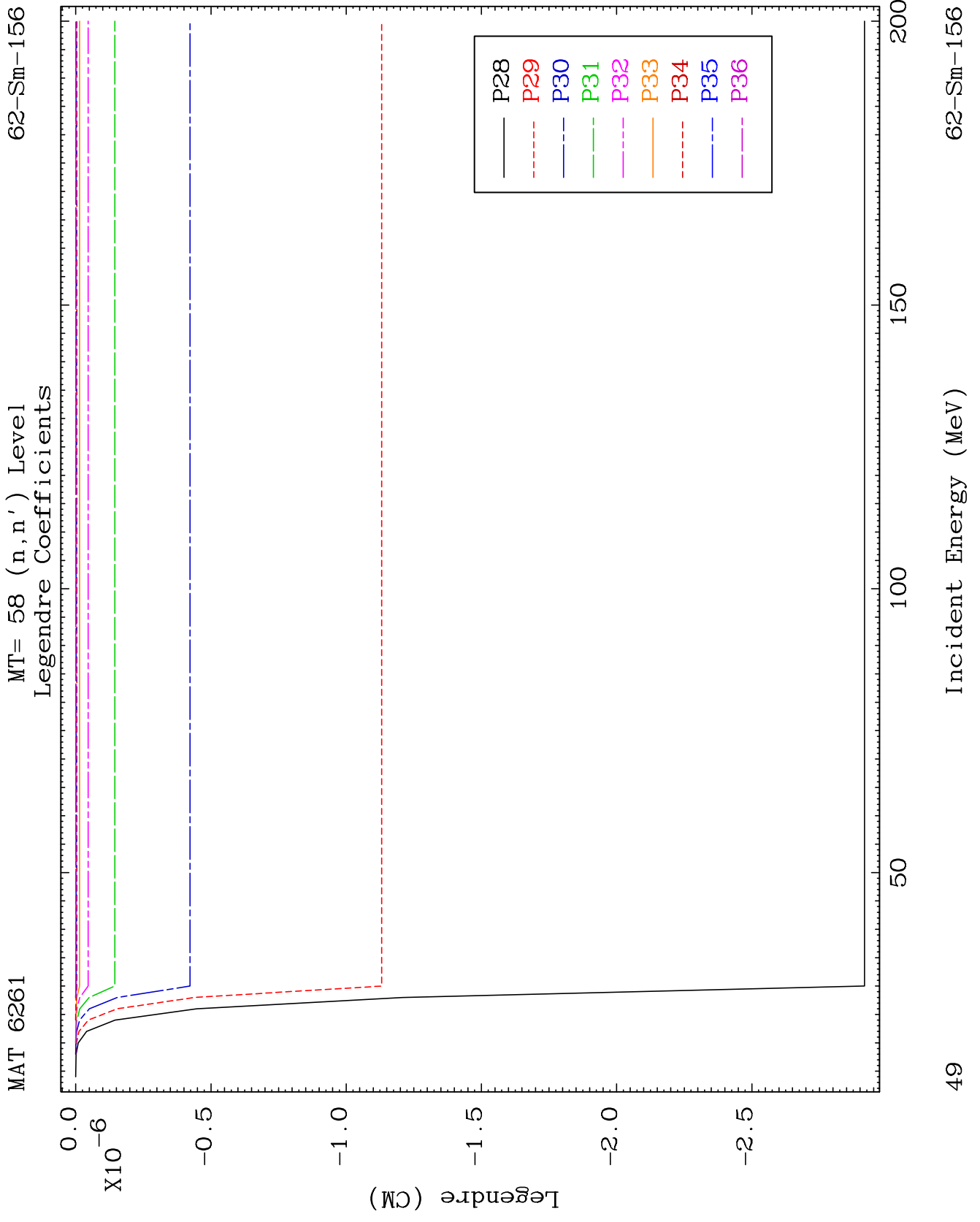
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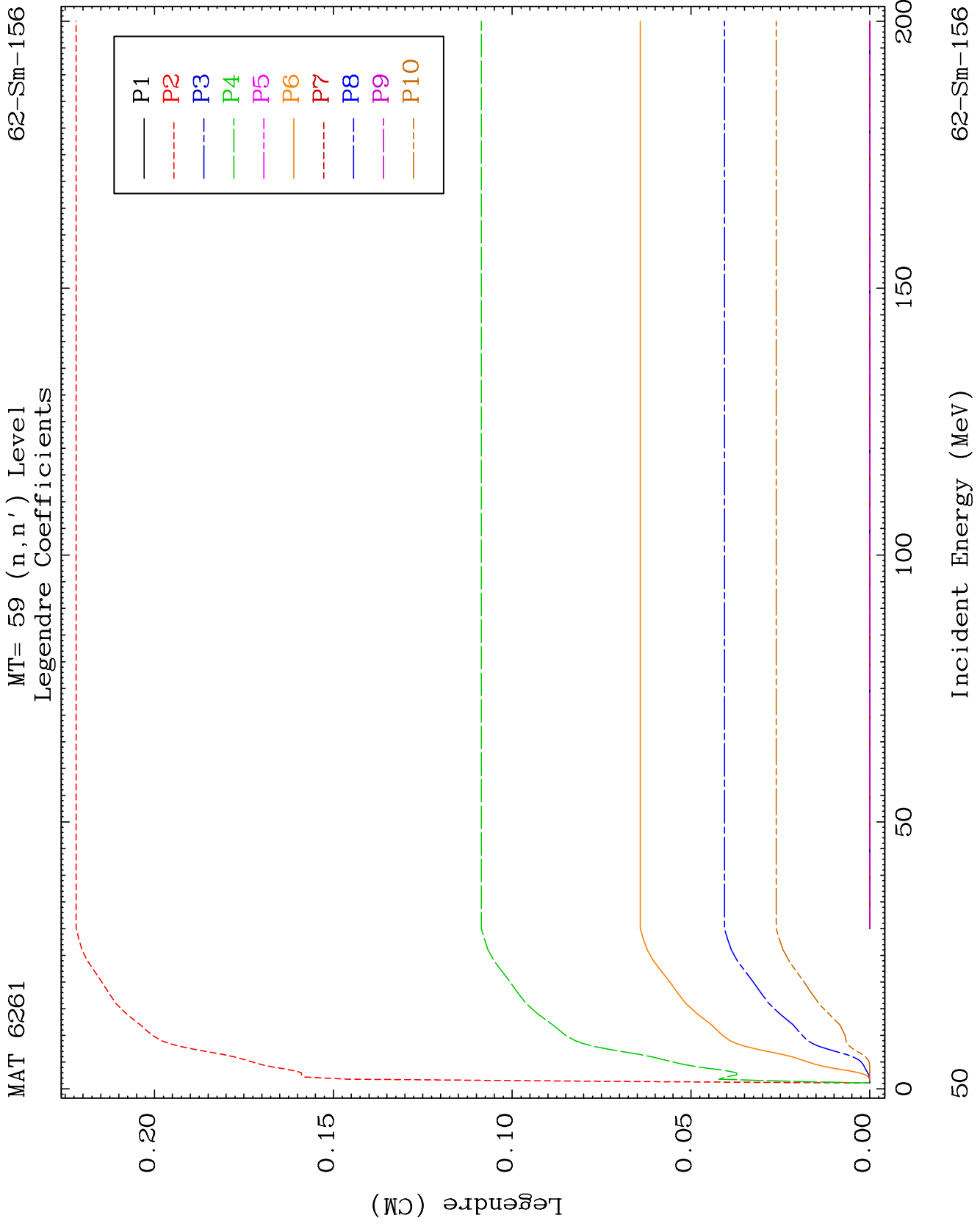


48

Incident Energy (MeV)

62-Sm-156

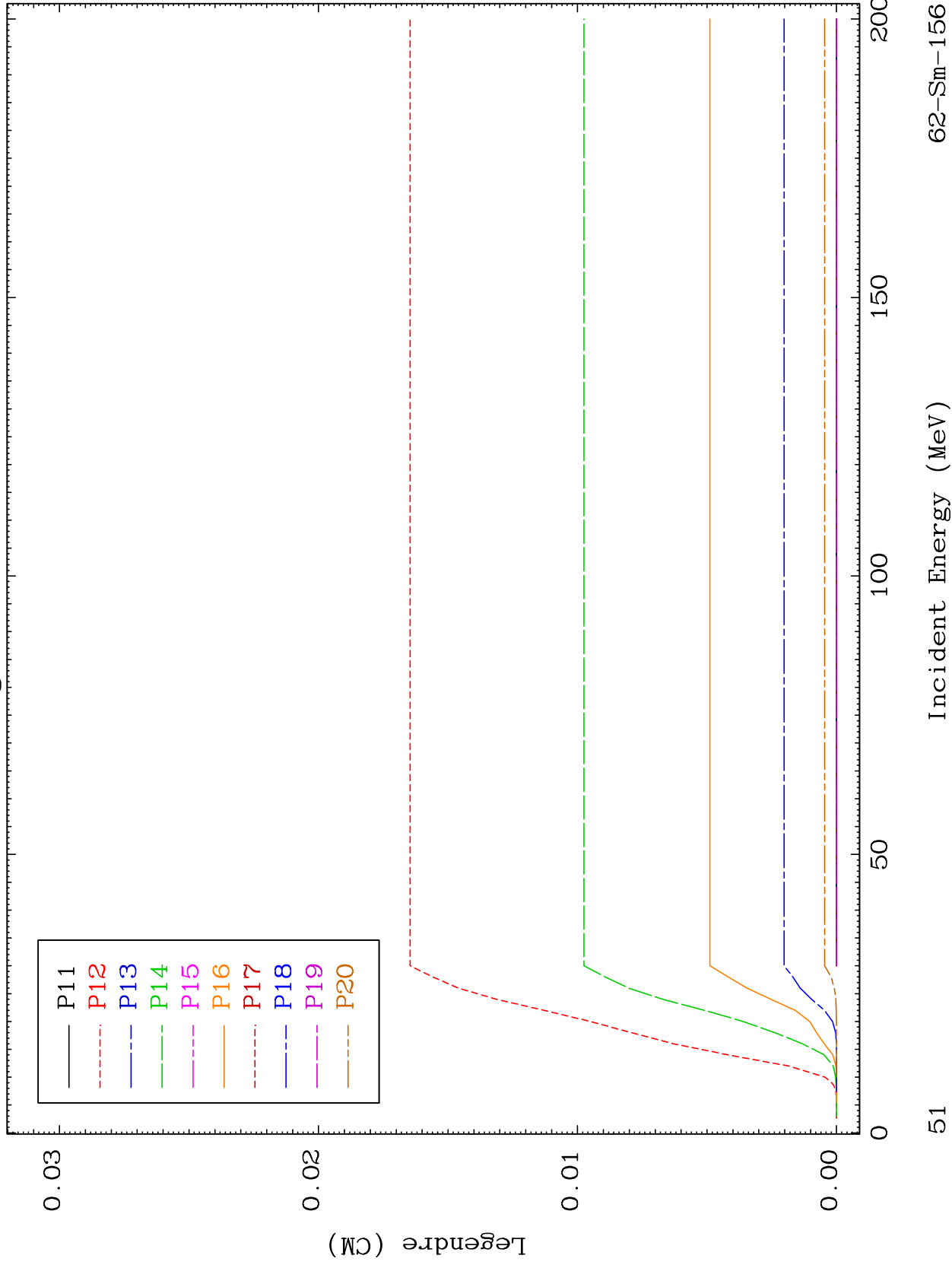




MAT 6261

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

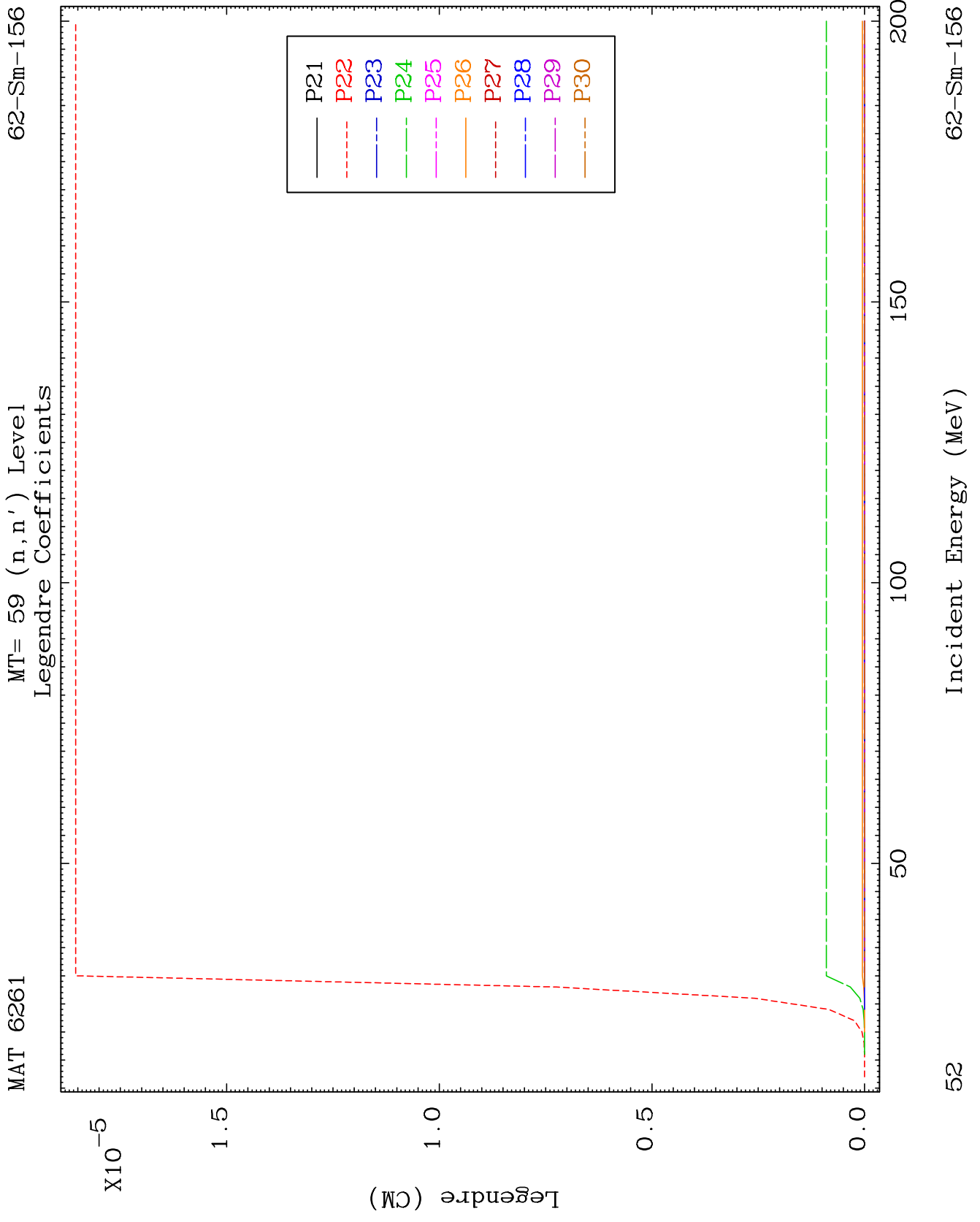
62-Sm-156



51

Incident Energy (MeV)

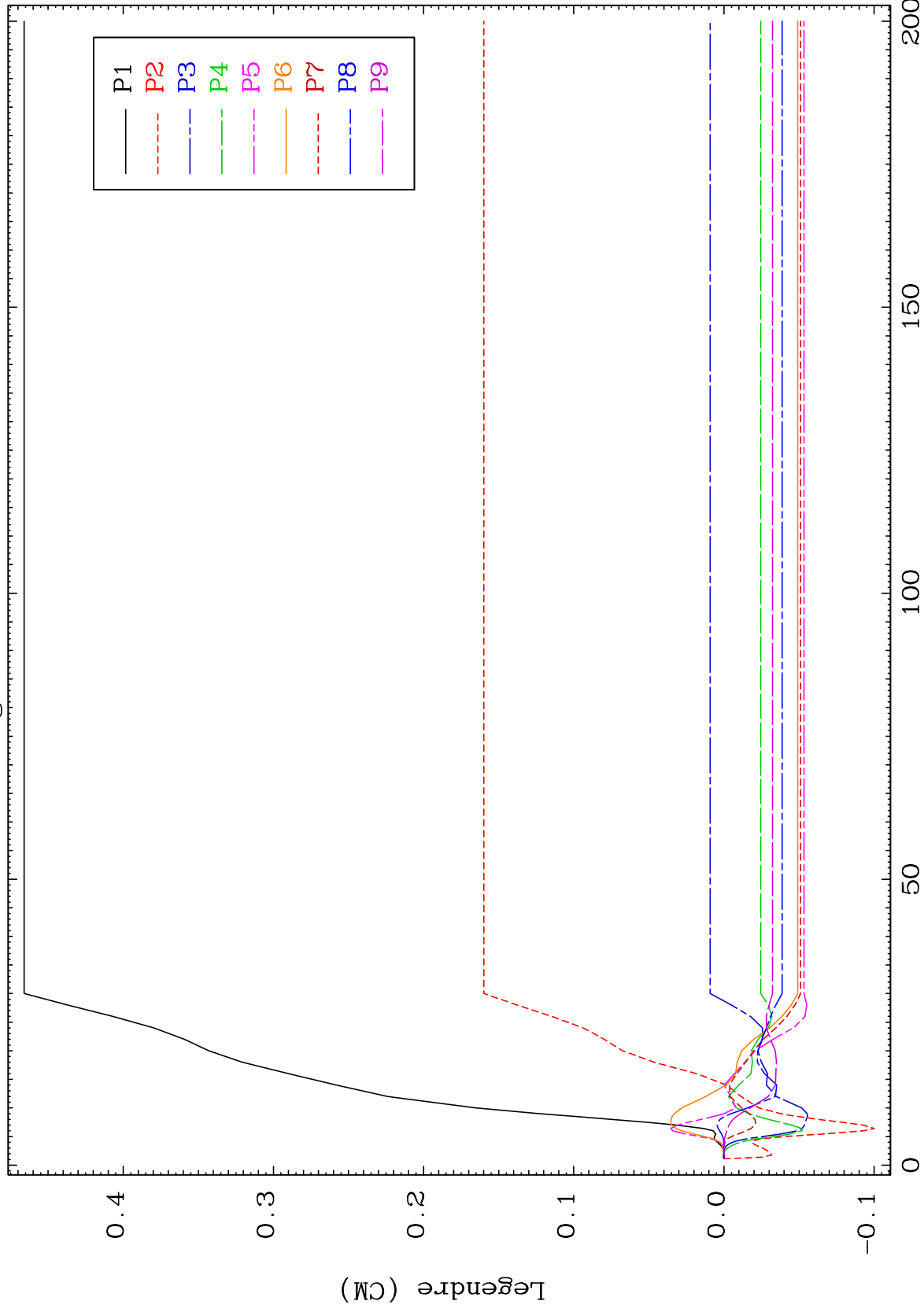
62-Sm-156



MAT 6261

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

62-Sm-156



53

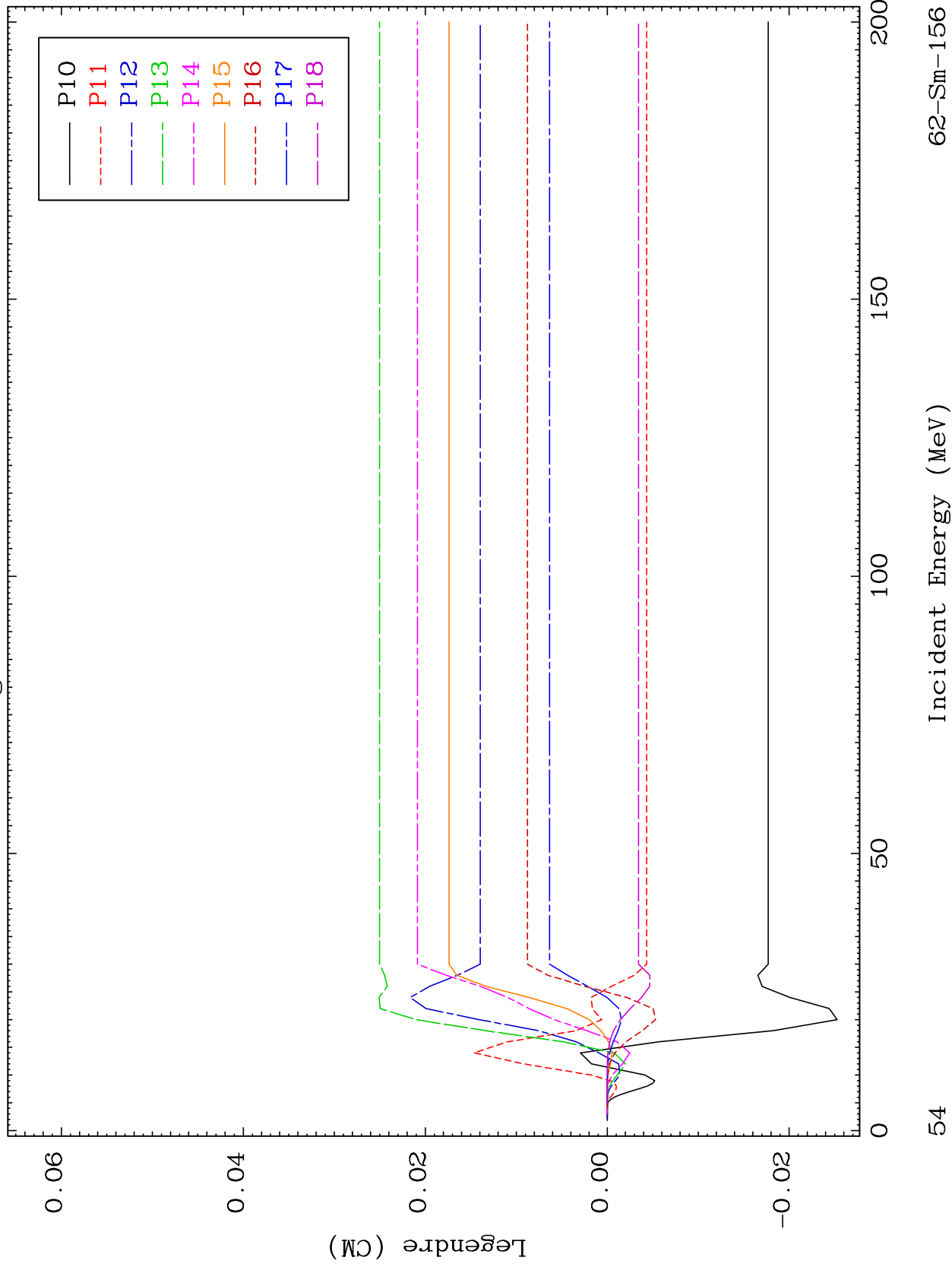
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

62-Sm-156



62-Sm-156

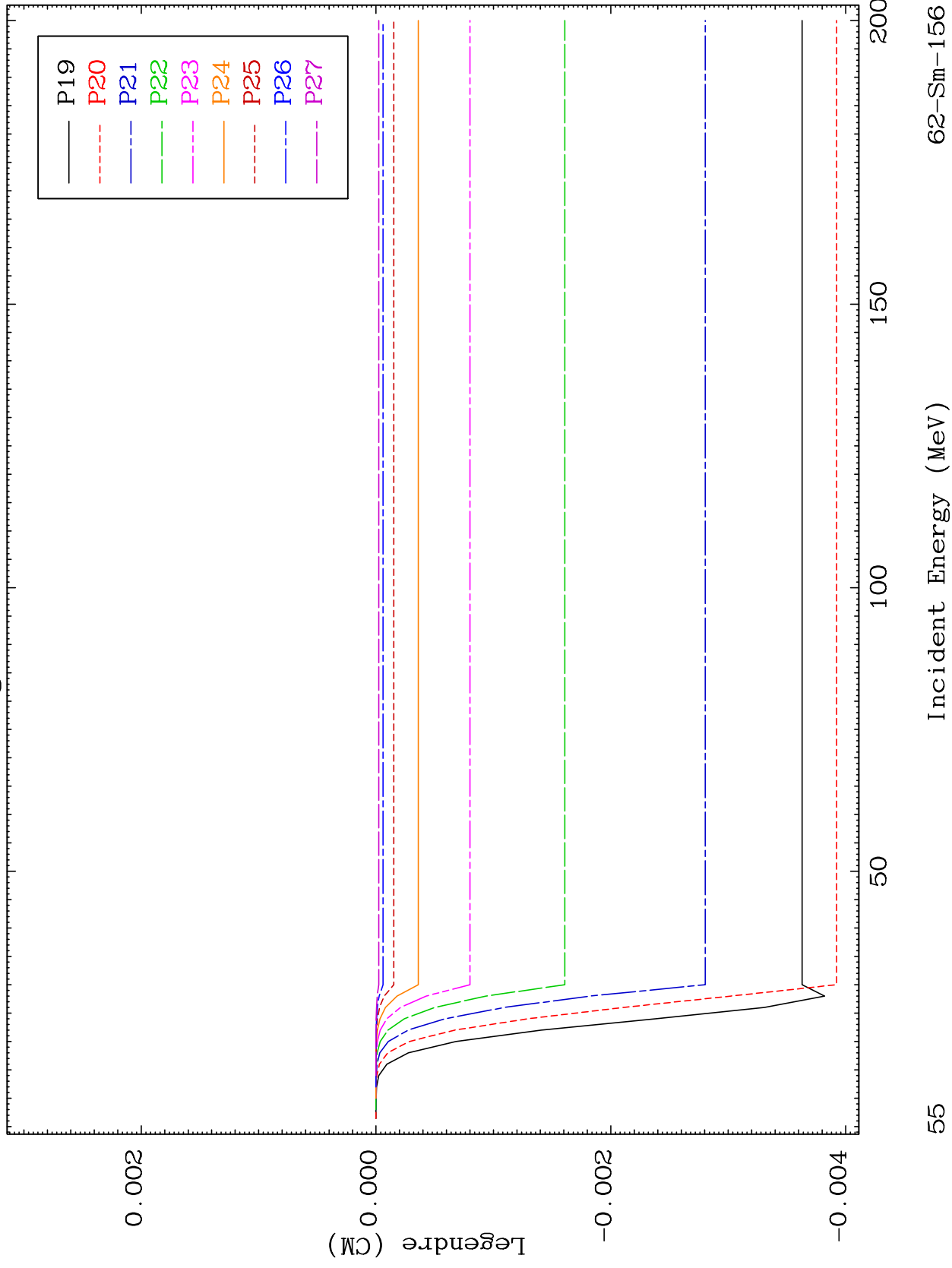
Incident Energy (MeV)

54

MAT 6261

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

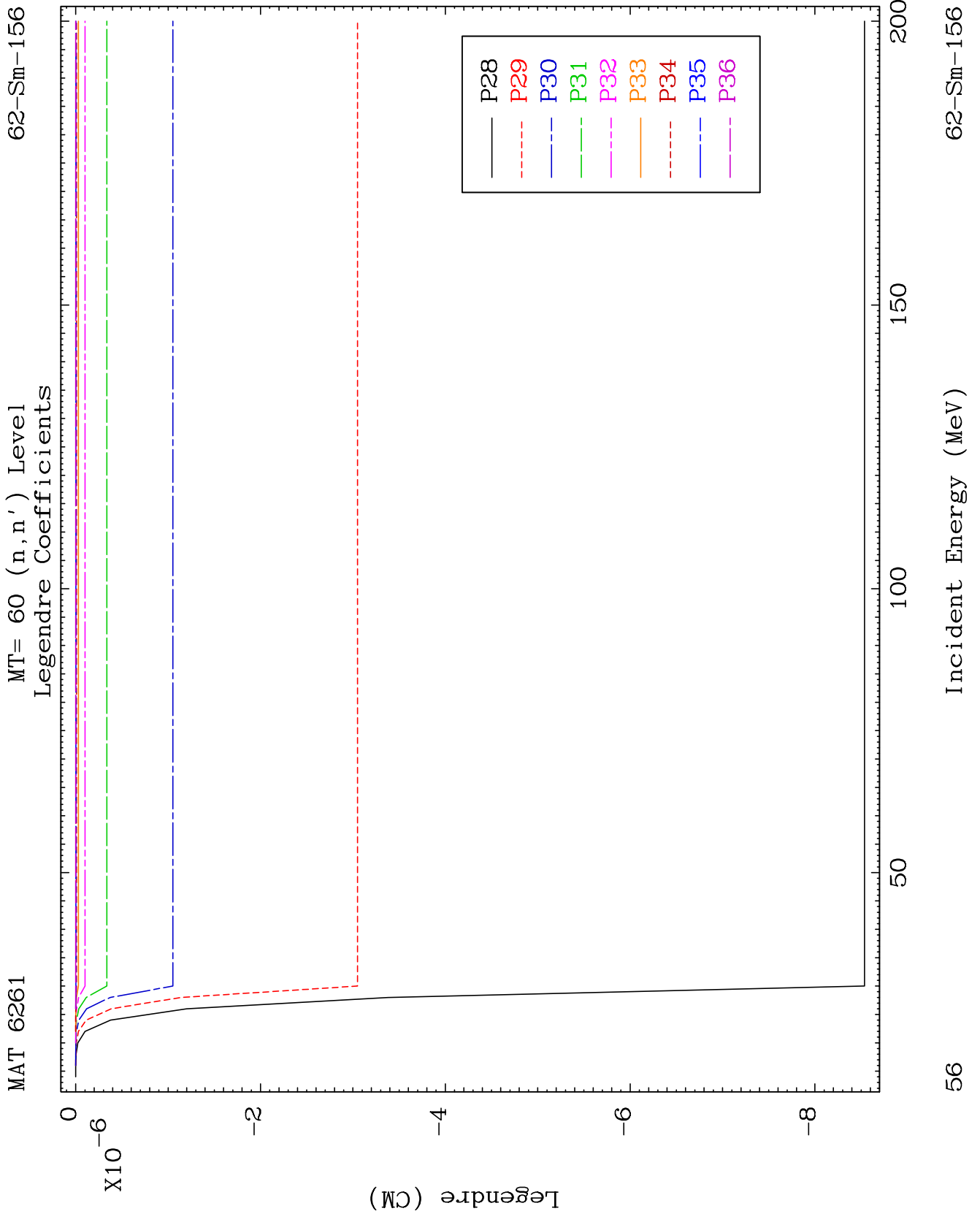
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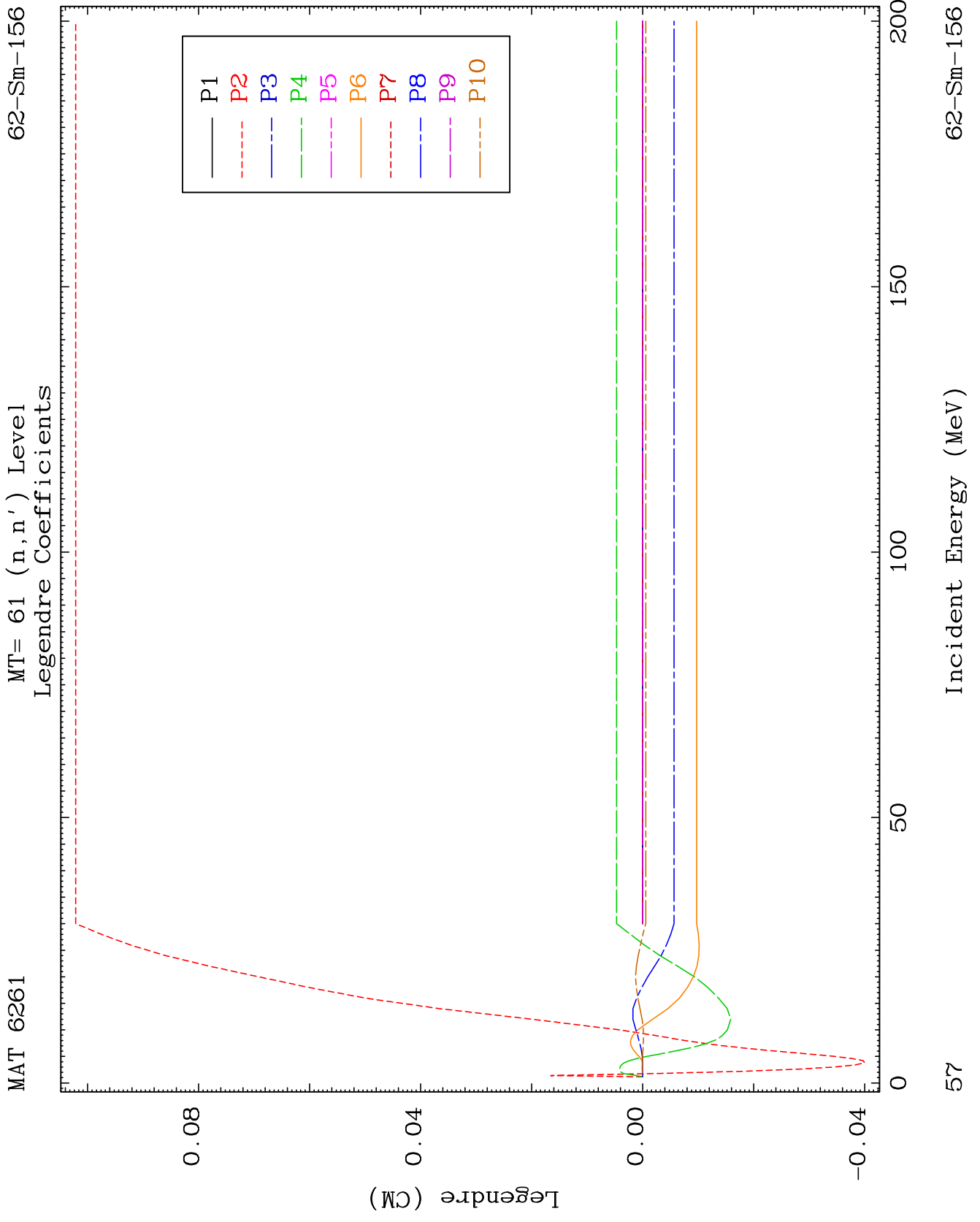


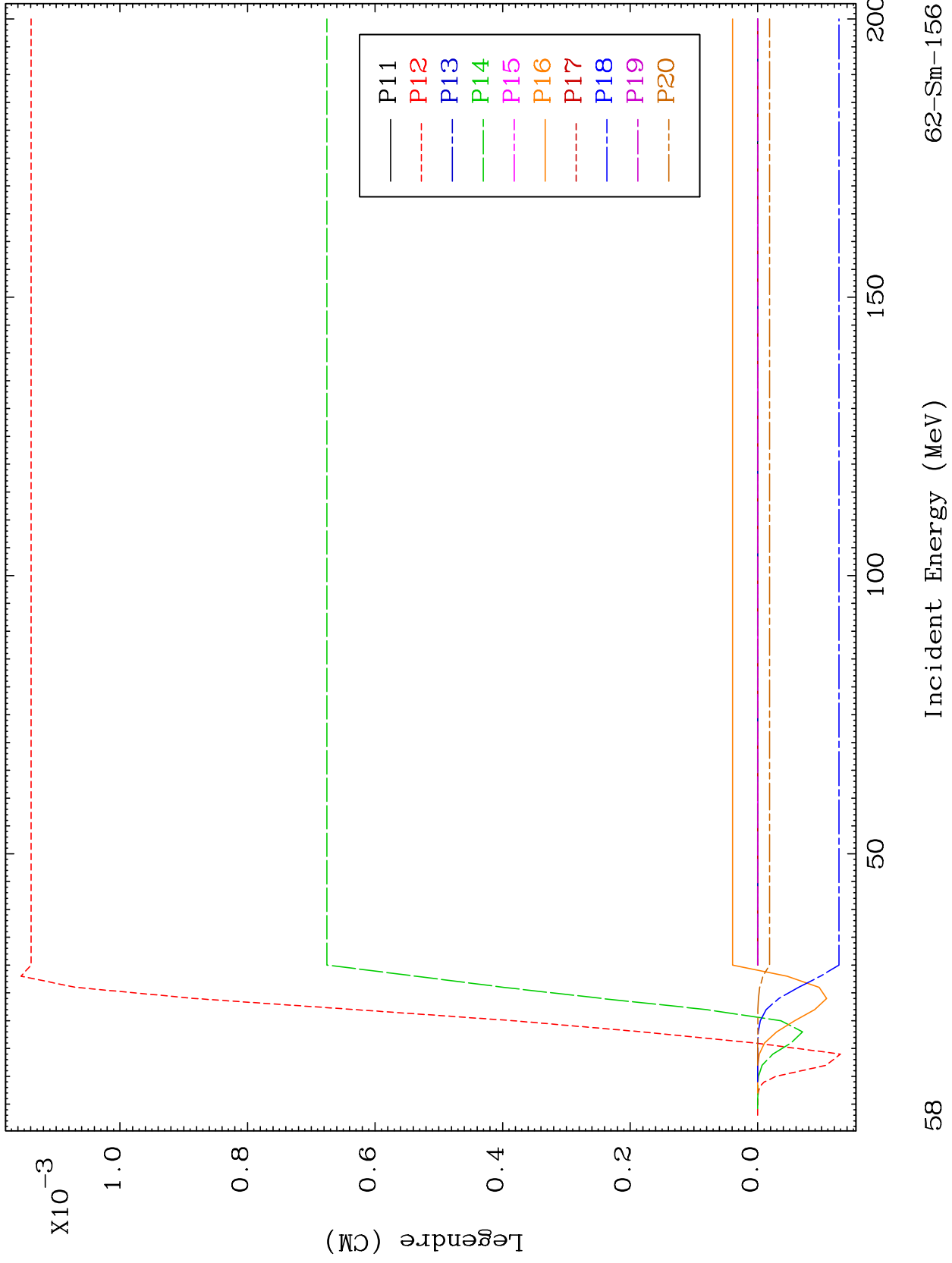
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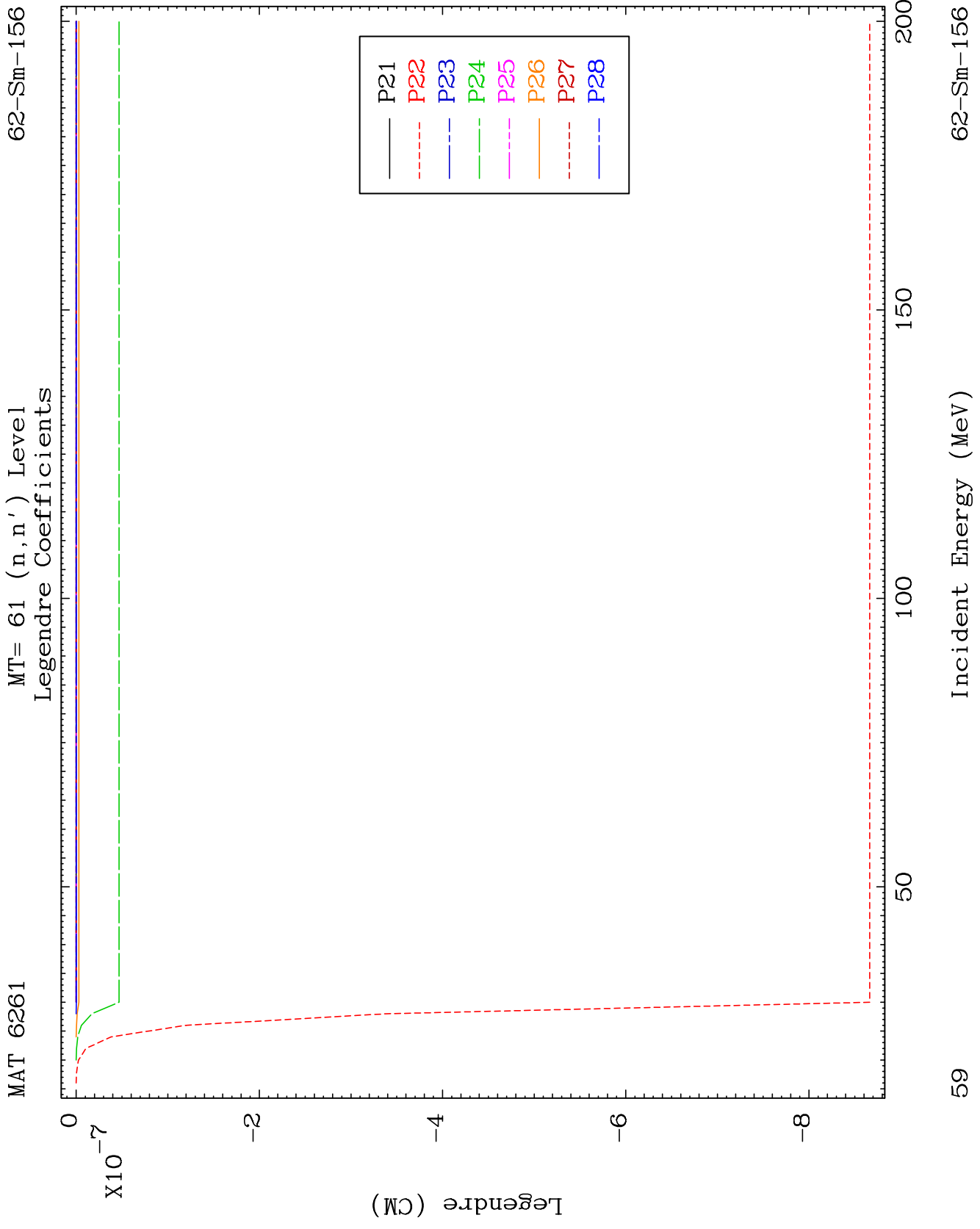
Incident Energy (MeV)

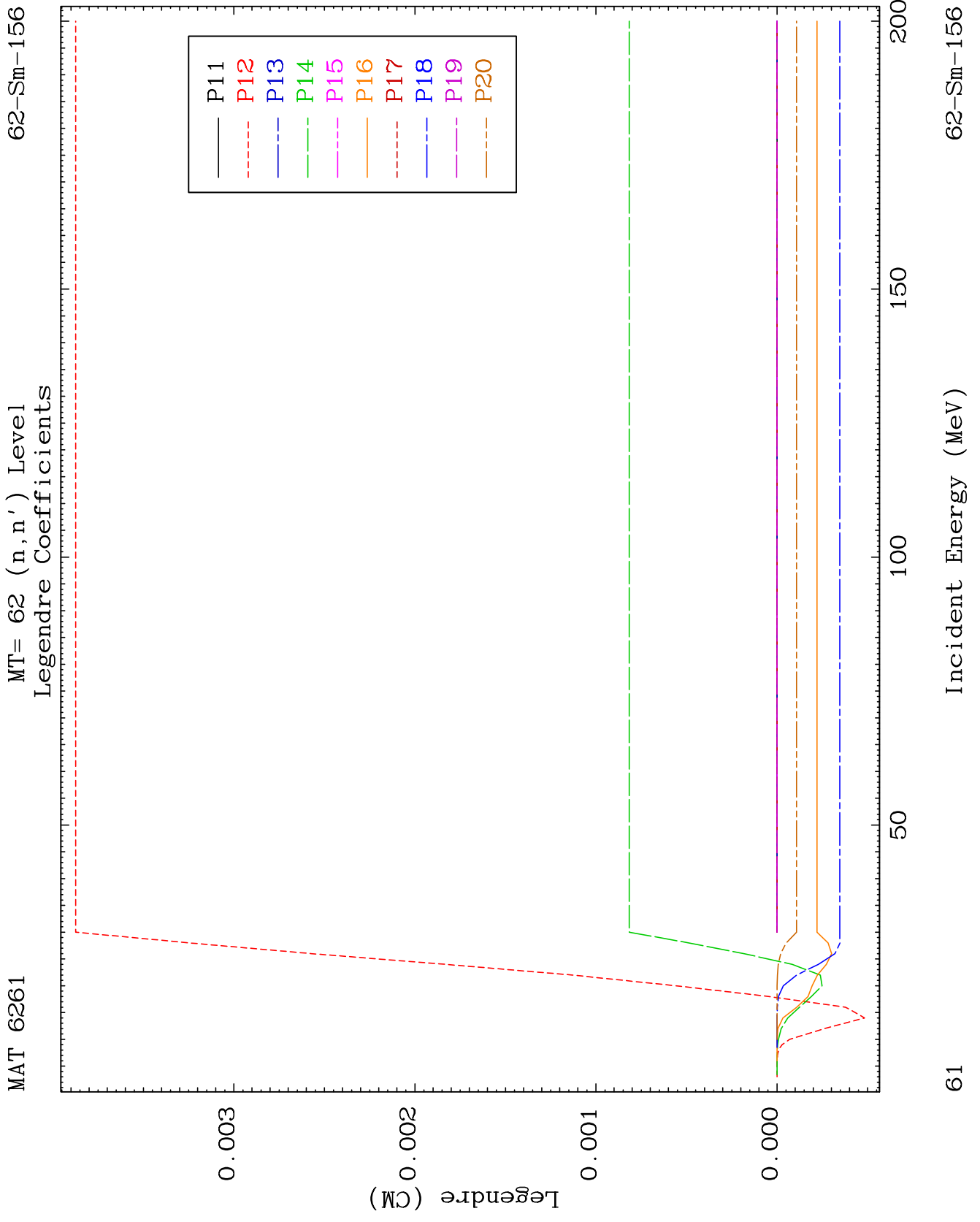
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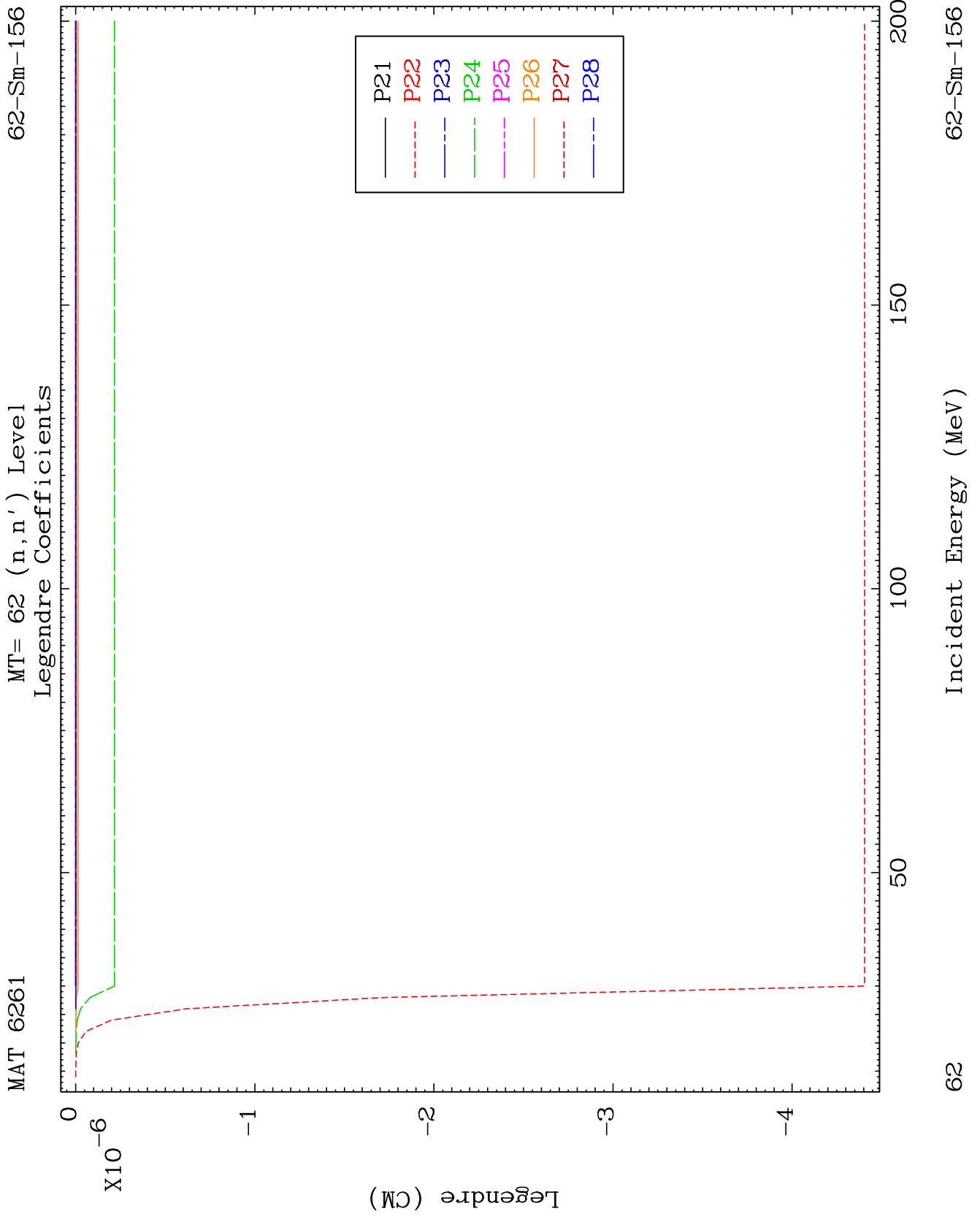








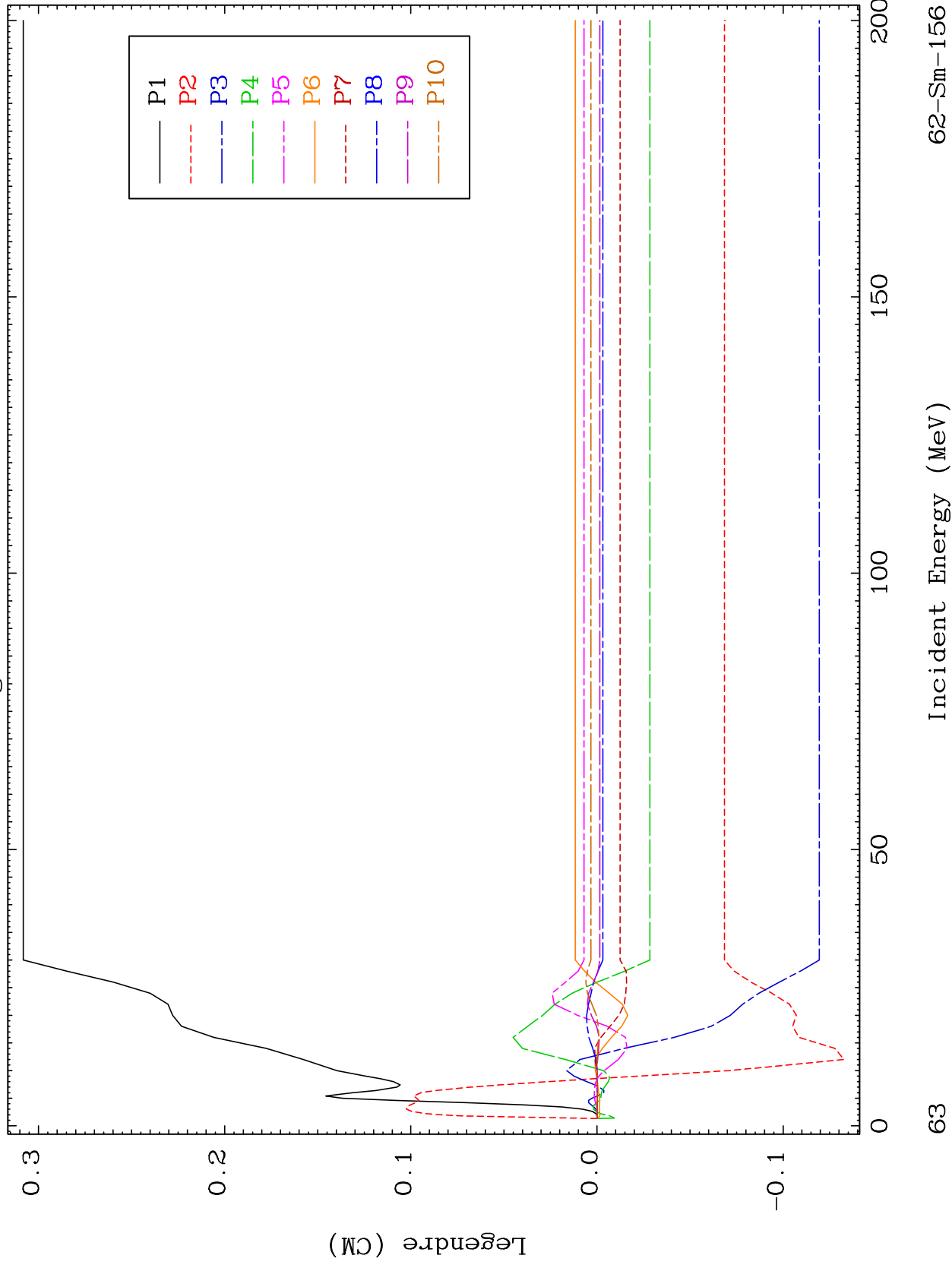




MAT 6261

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

62-Sm-156



62-Sm-156

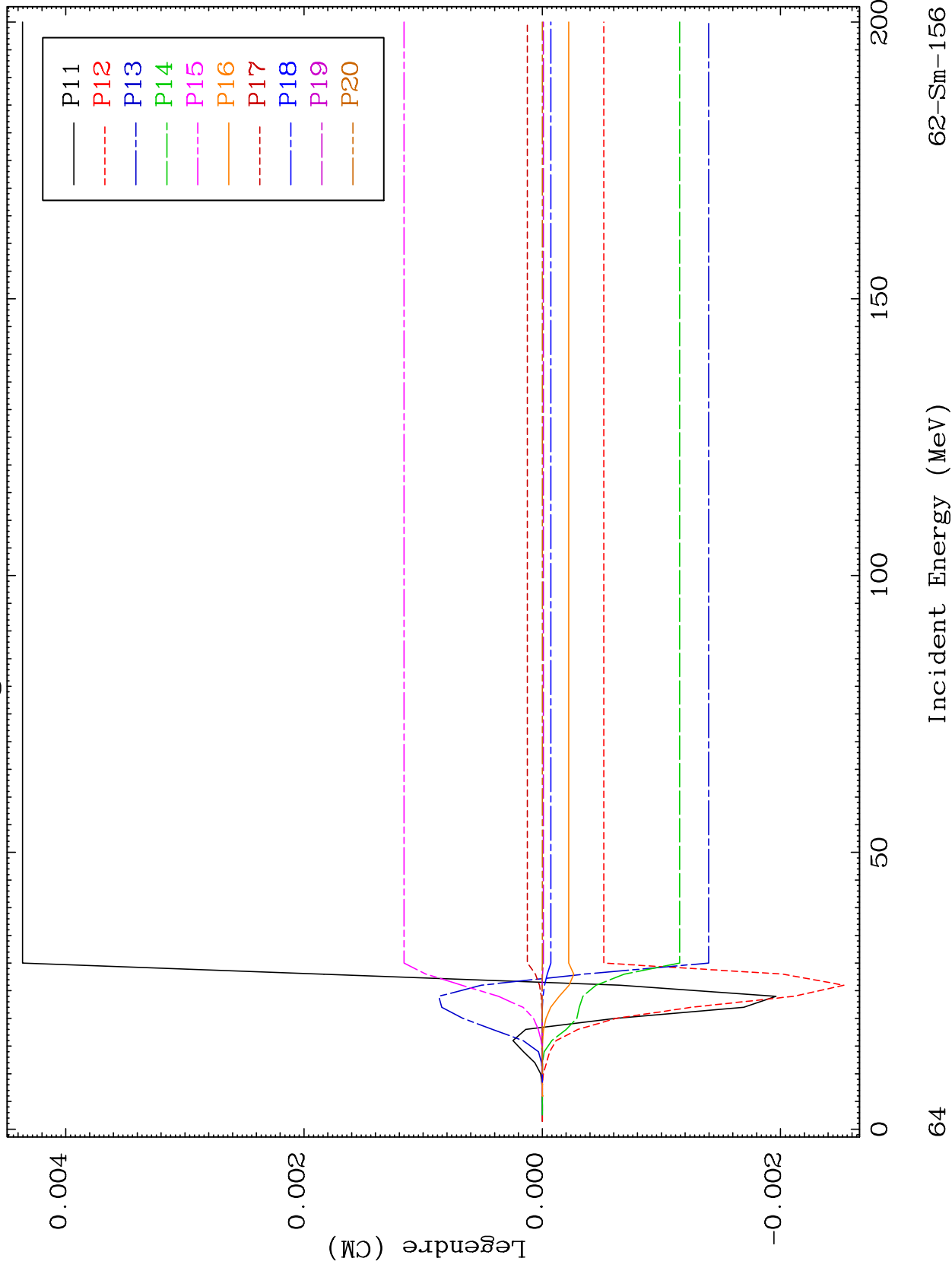
Incident Energy (MeV)

63

MAT 6261

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

62-Sm-156



62-Sm-156

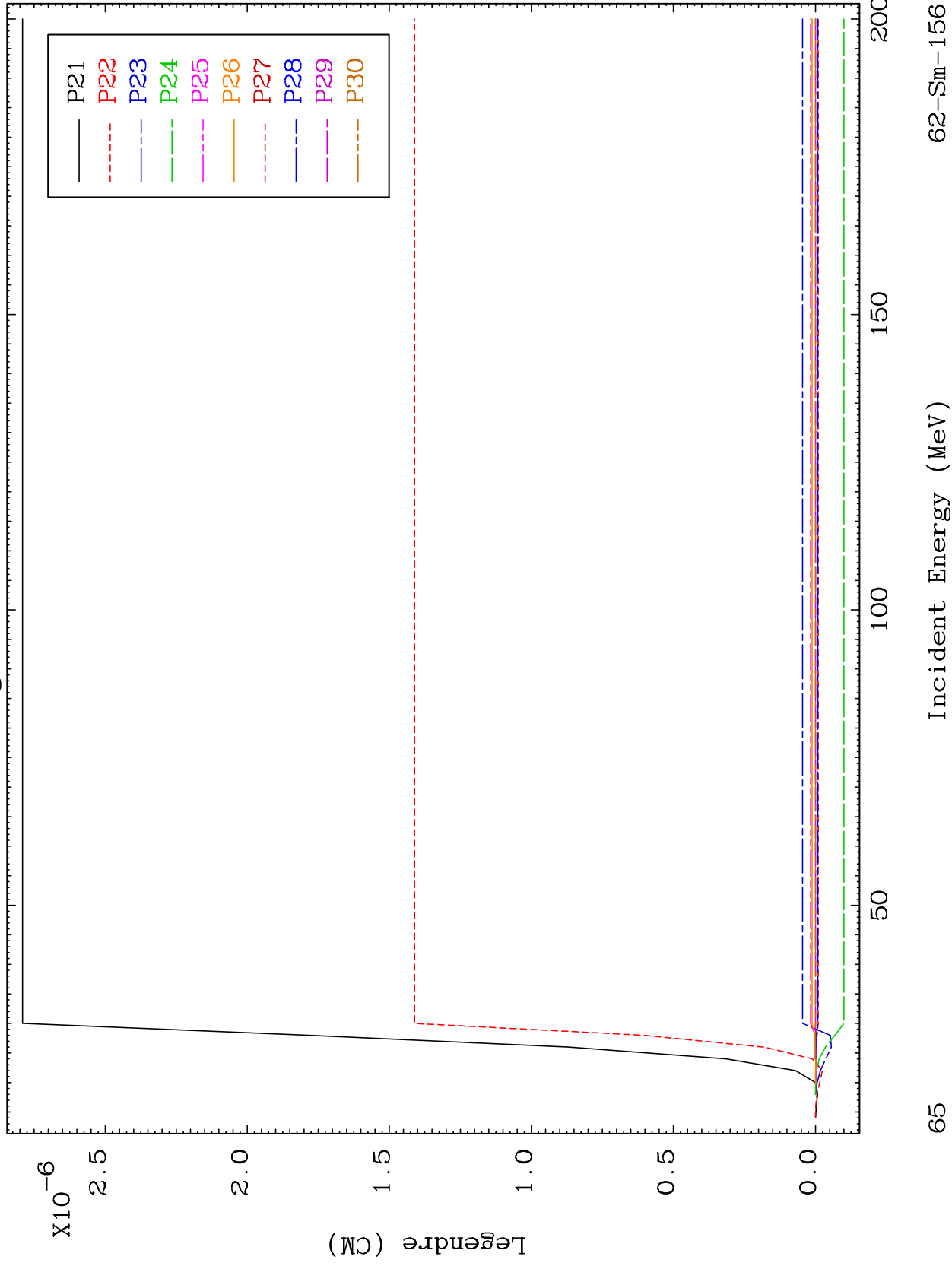
Incident Energy (MeV)

64

MAT 6261

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

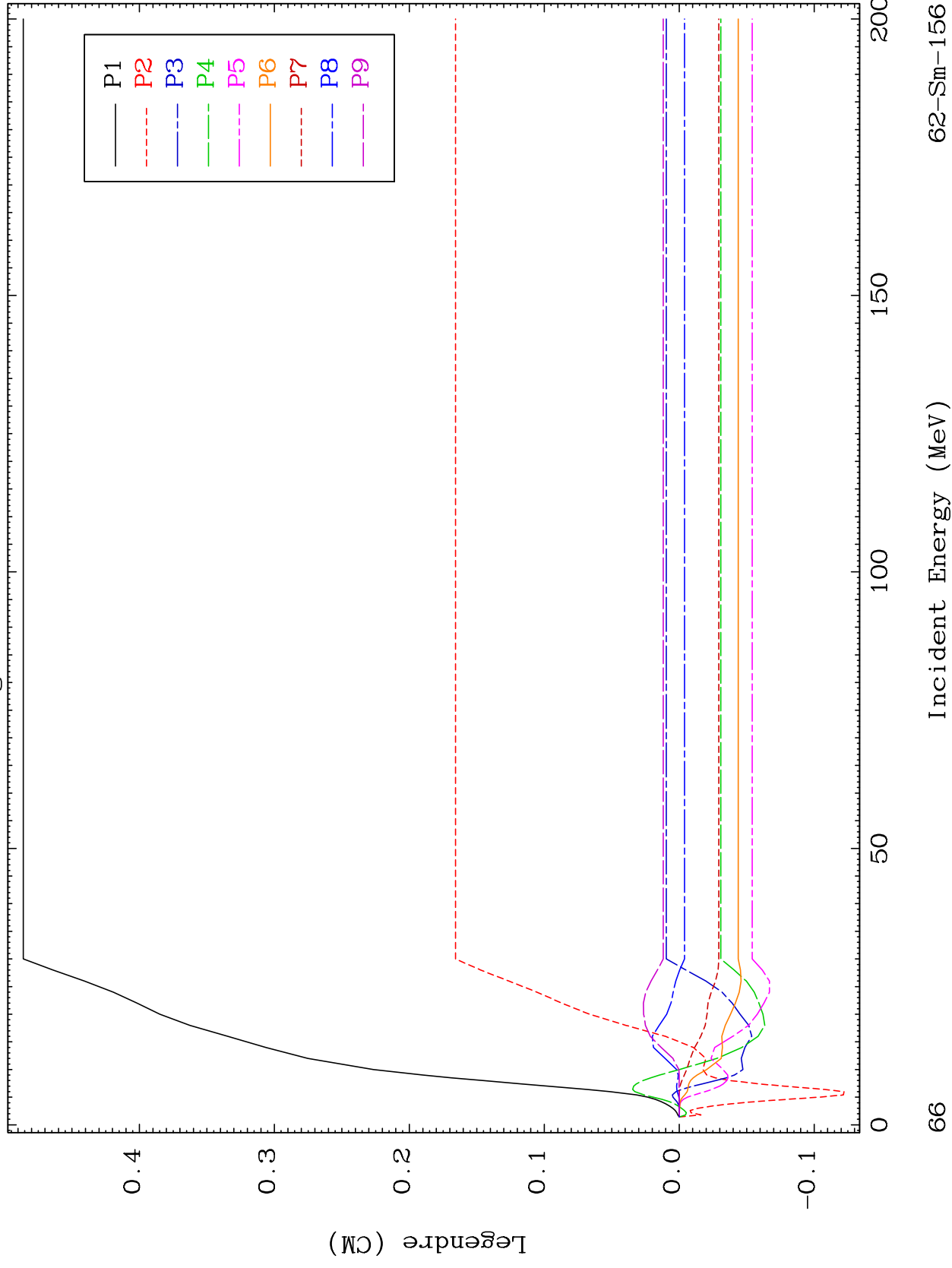
62-Sm-156



MAT 6261

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

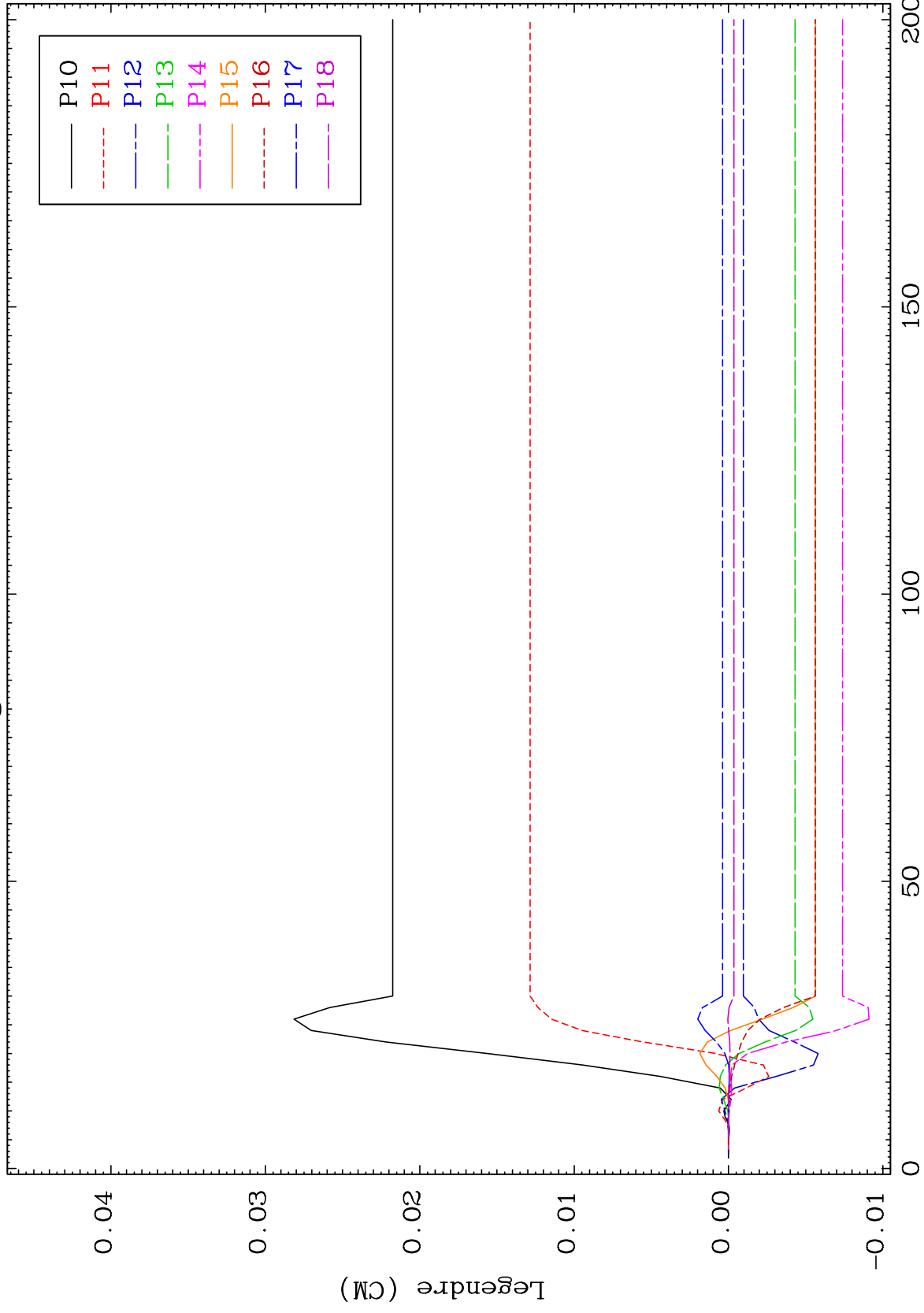
62-Sm-156



MAT 6261

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

62-Sm-156



67

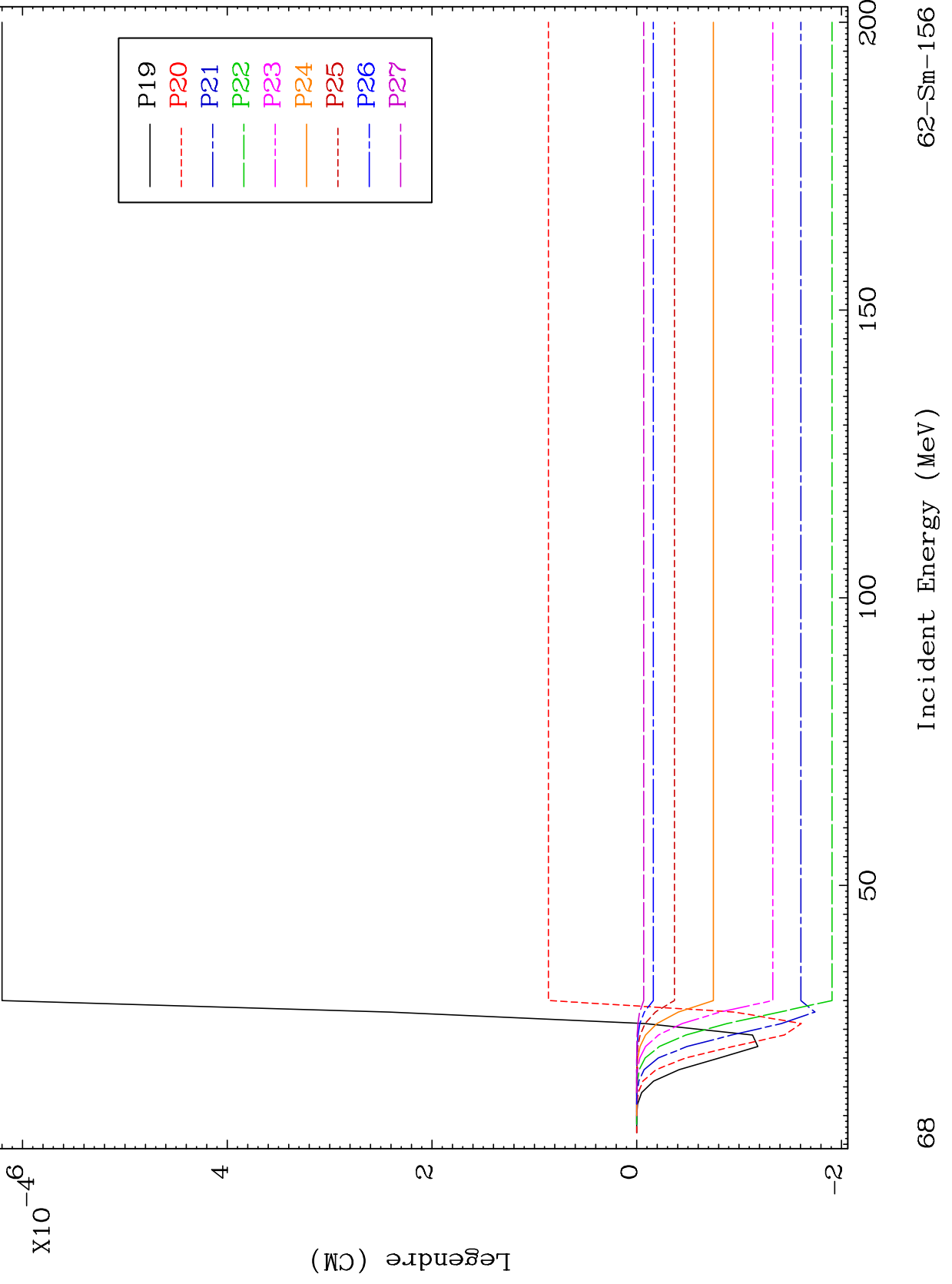
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

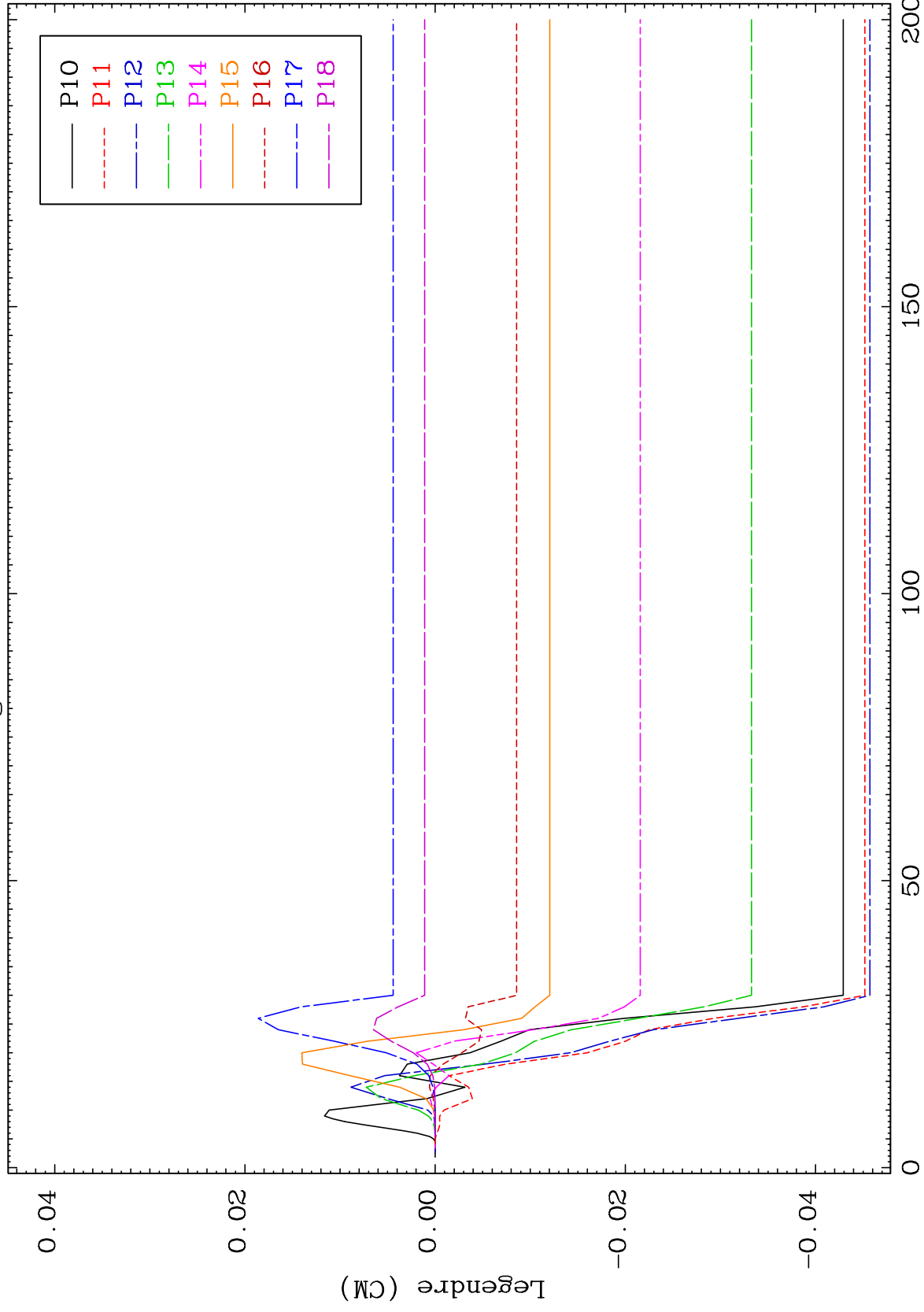
62-Sm-156



MAT 6261

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

62-Sm-156



71

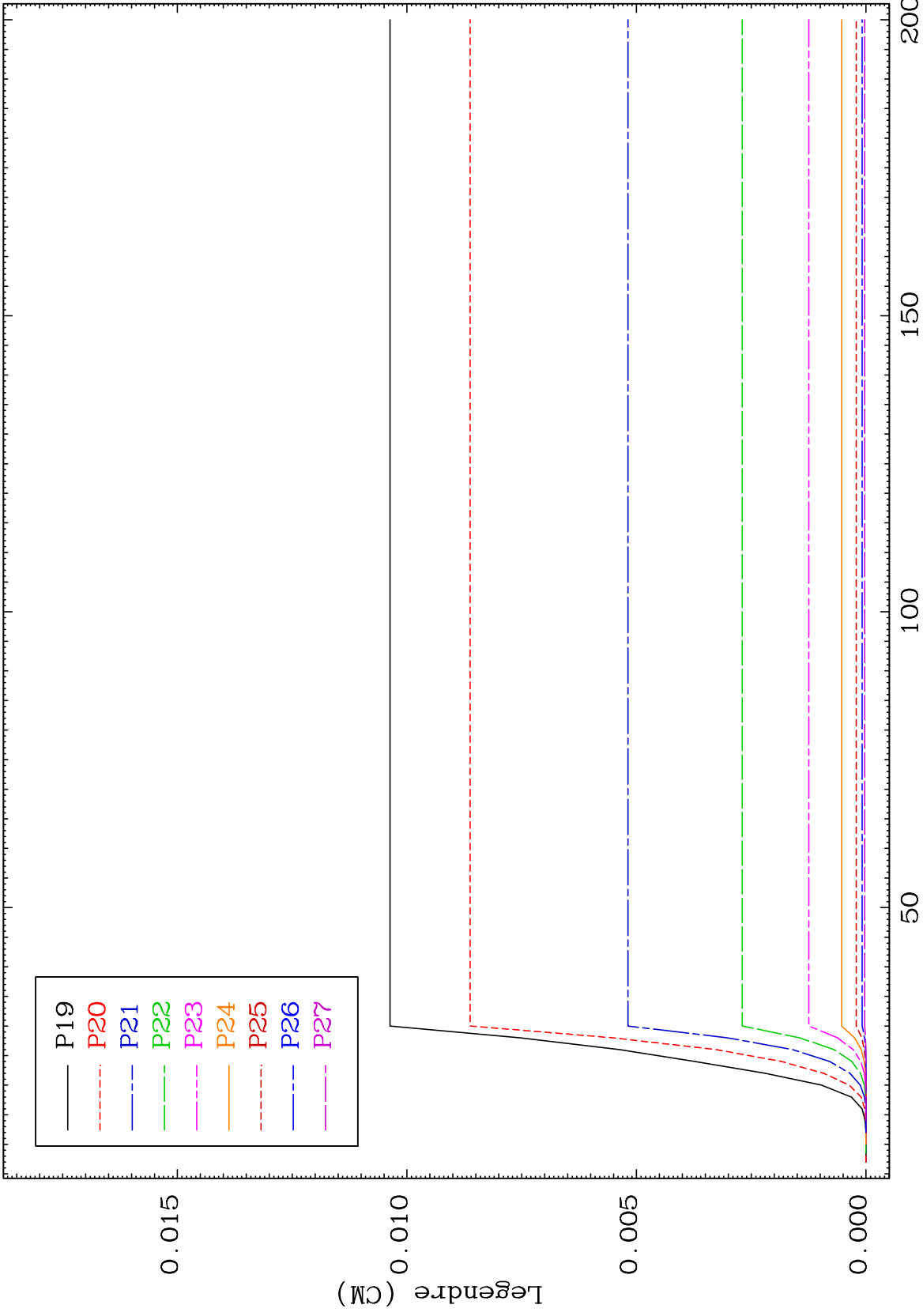
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

62-Sm-156



72

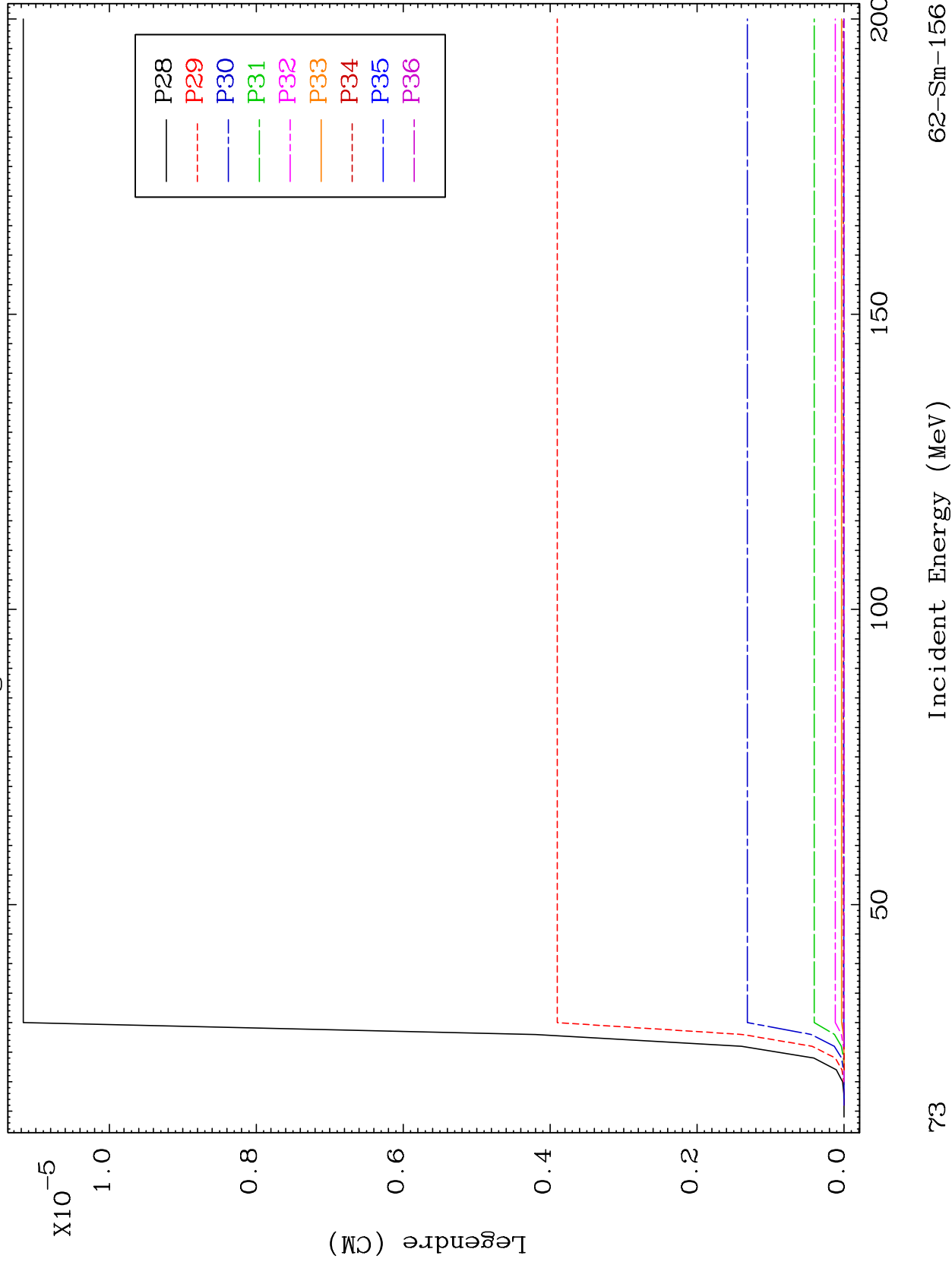
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

62-Sm-156



73

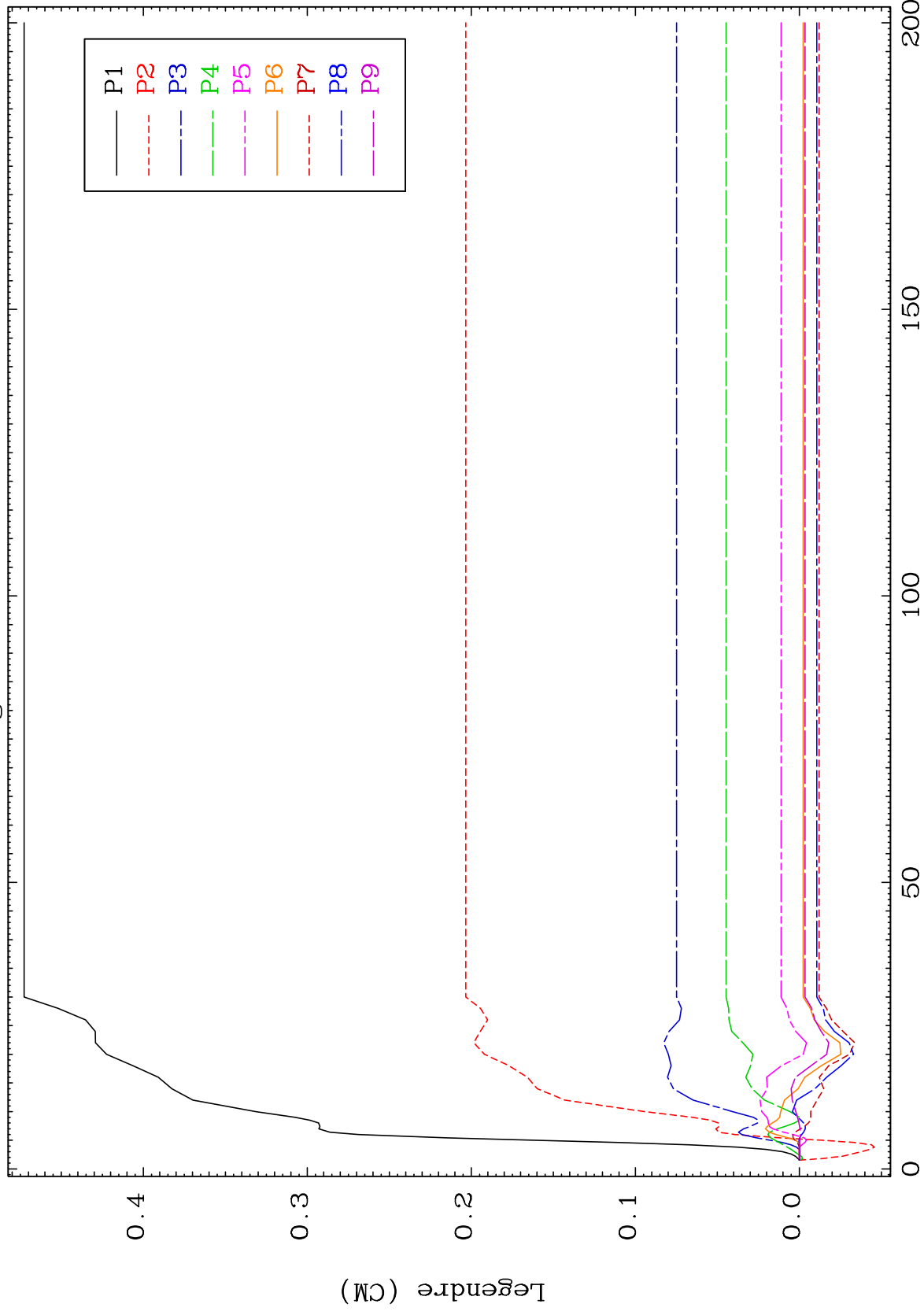
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

62-Sm-156



74

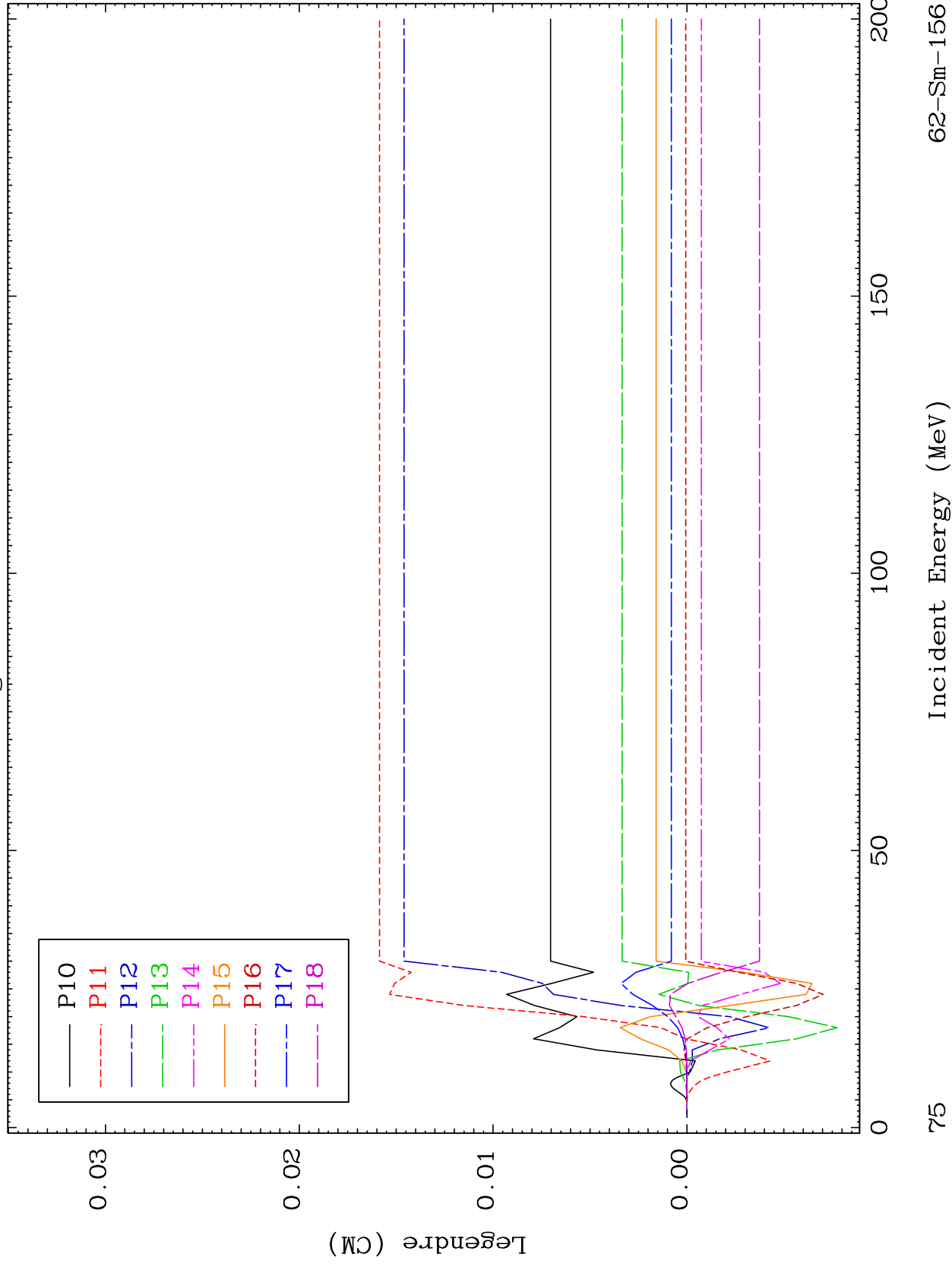
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

62-Sm-156



62-Sm-156

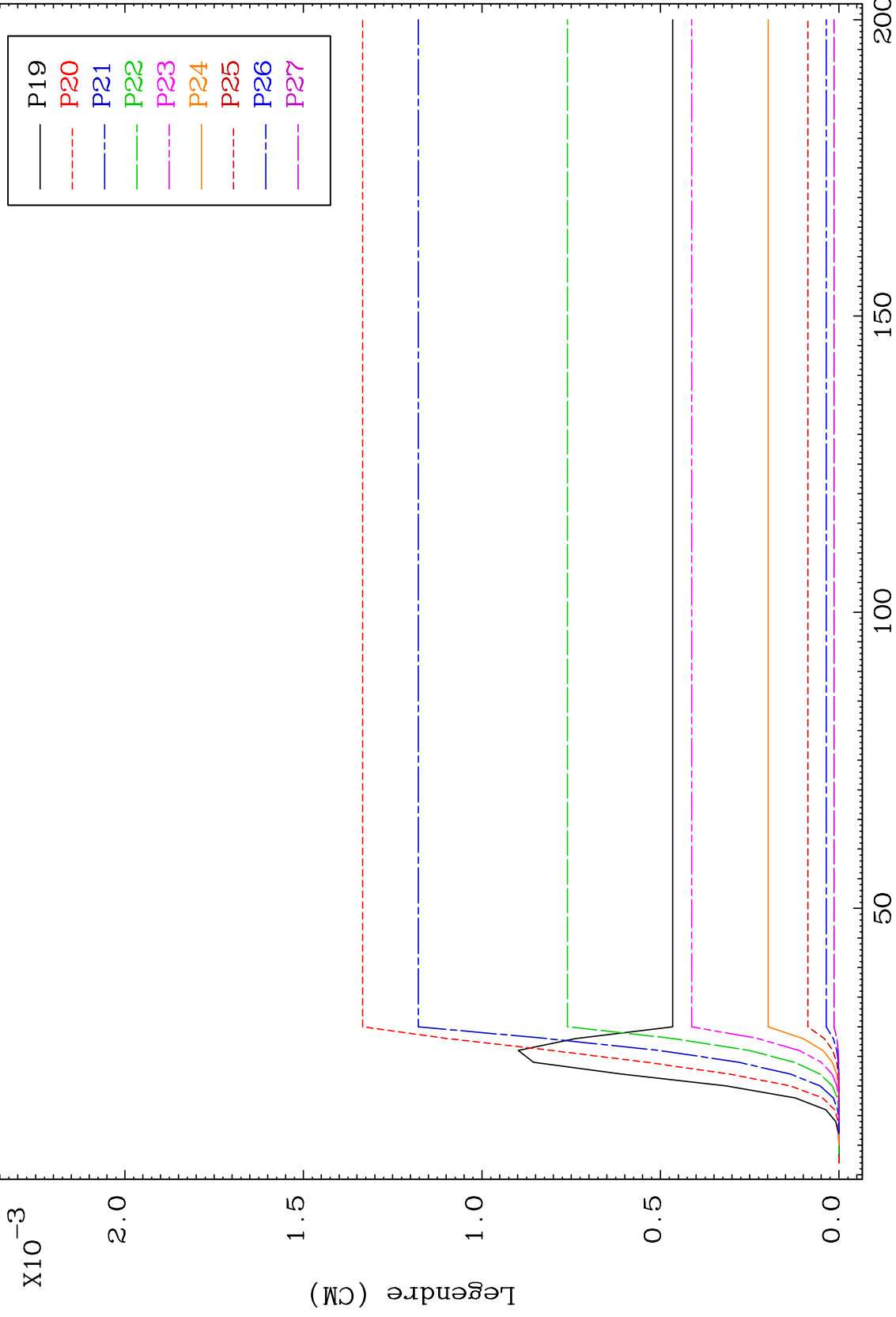
Incident Energy (MeV)

75

MAT 6261

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

62-Sm-156



76

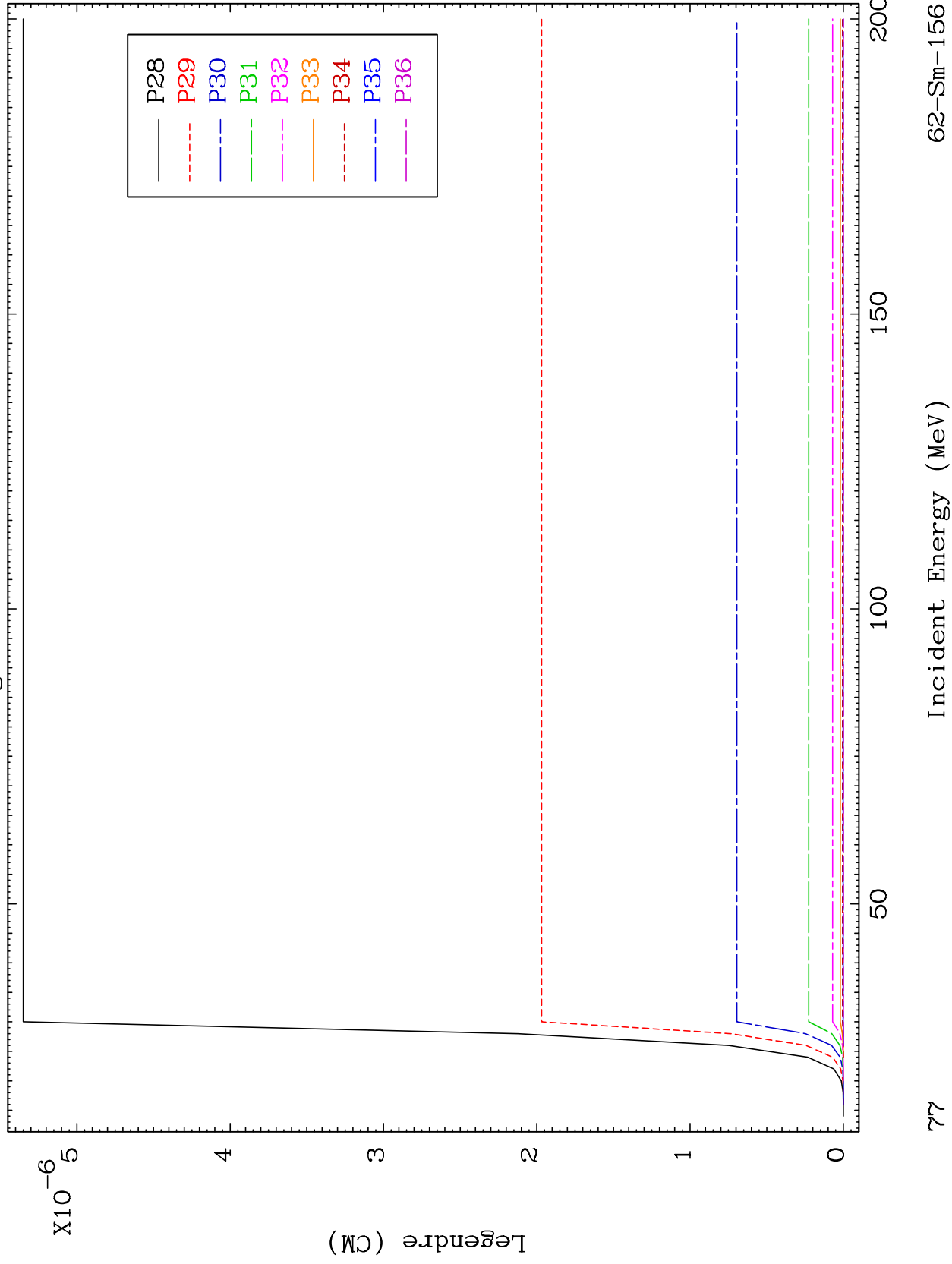
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

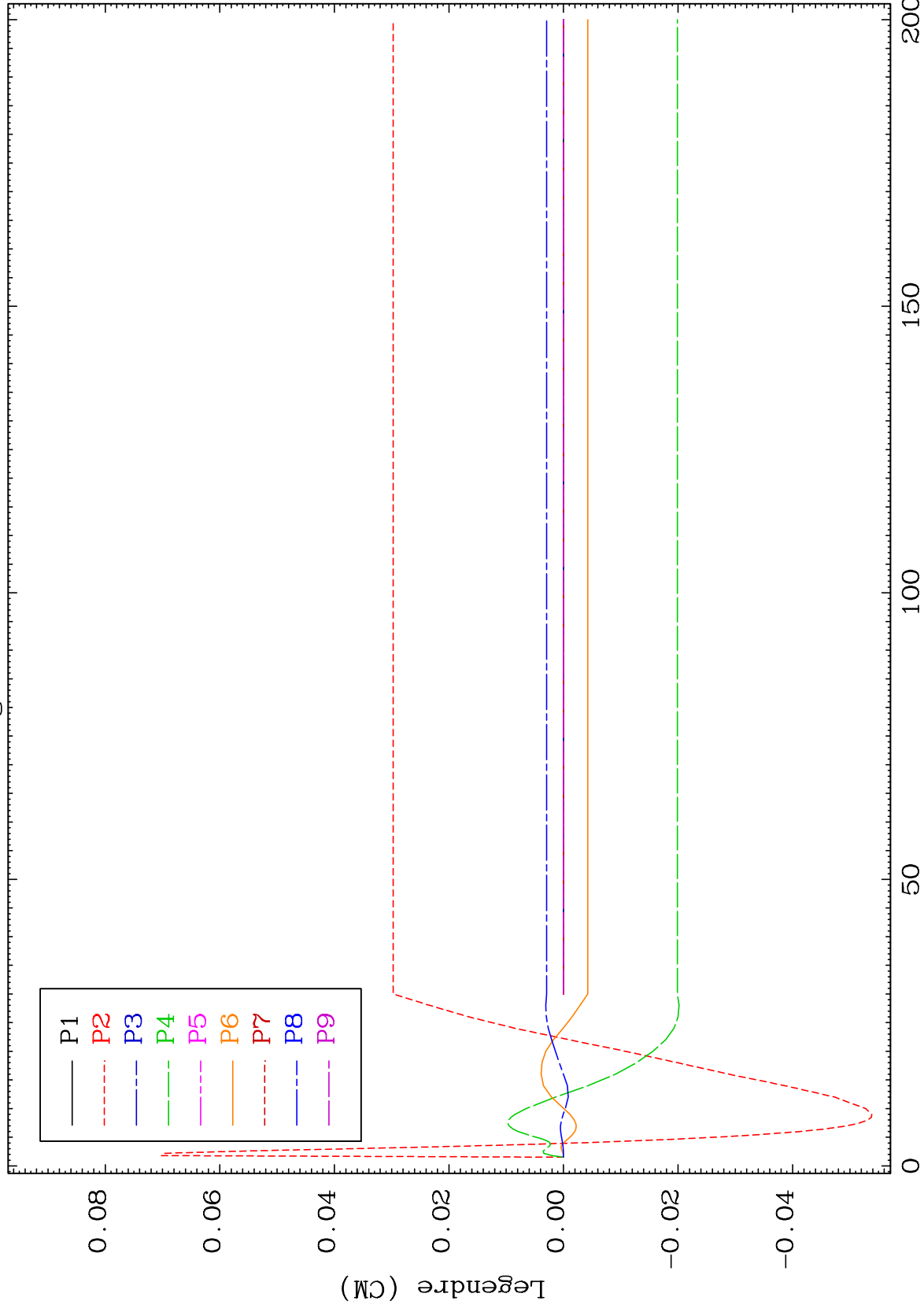
62-Sm-156



MAT 6261

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

62-Sm-156



78

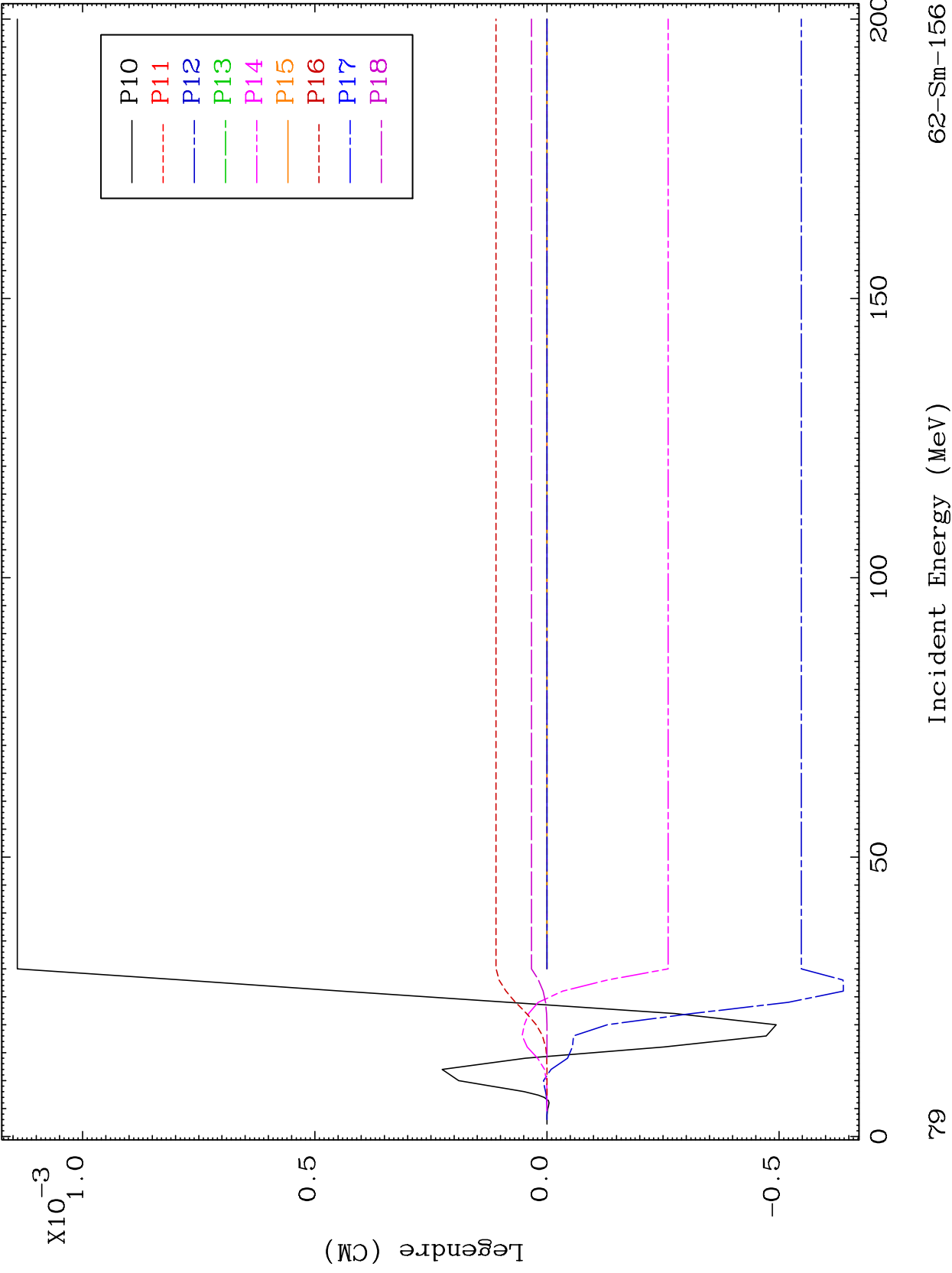
Incident Energy (MeV)

62-Sm-156

MAT 6261

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

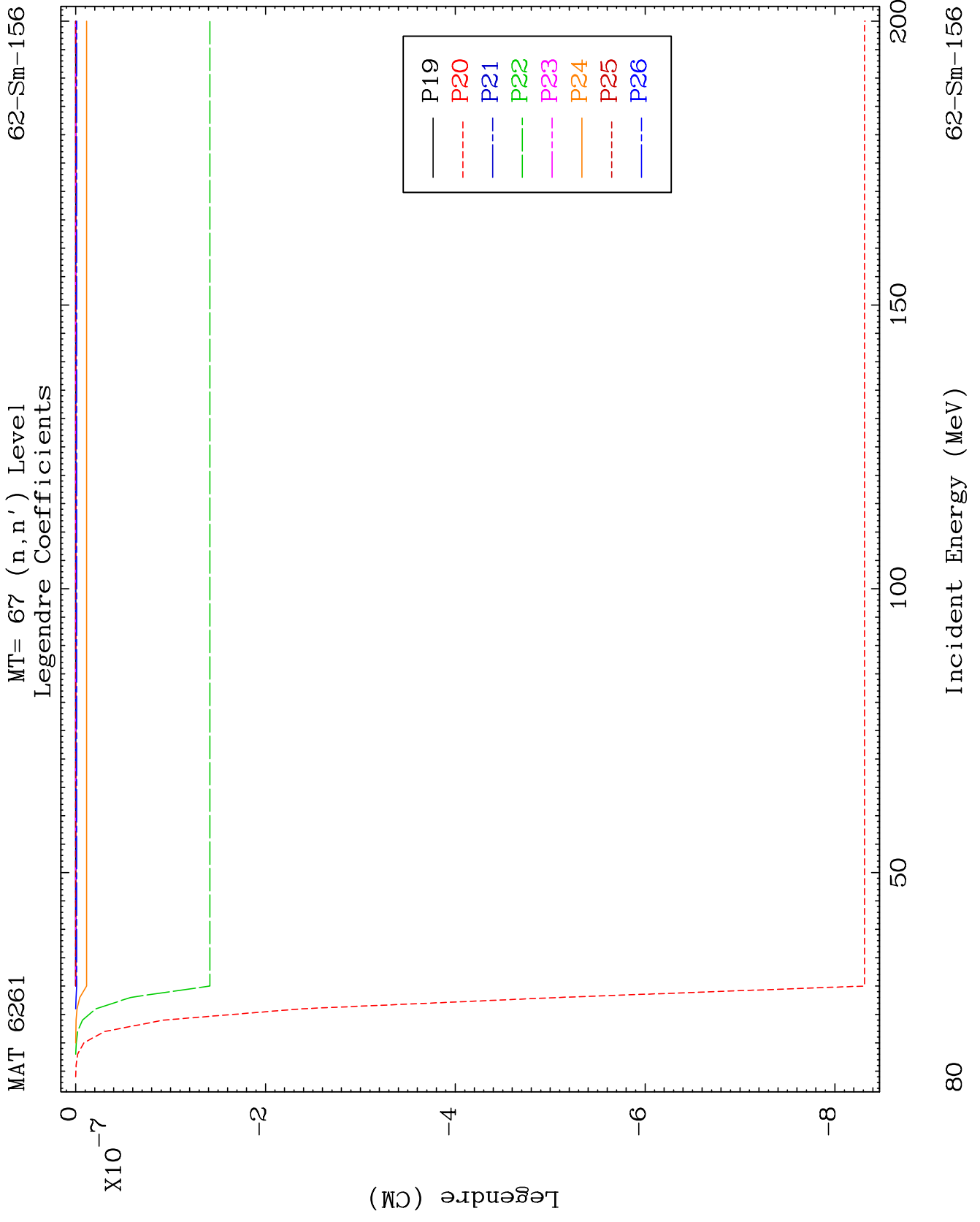
62-Sm-156



79

Incident Energy (MeV)

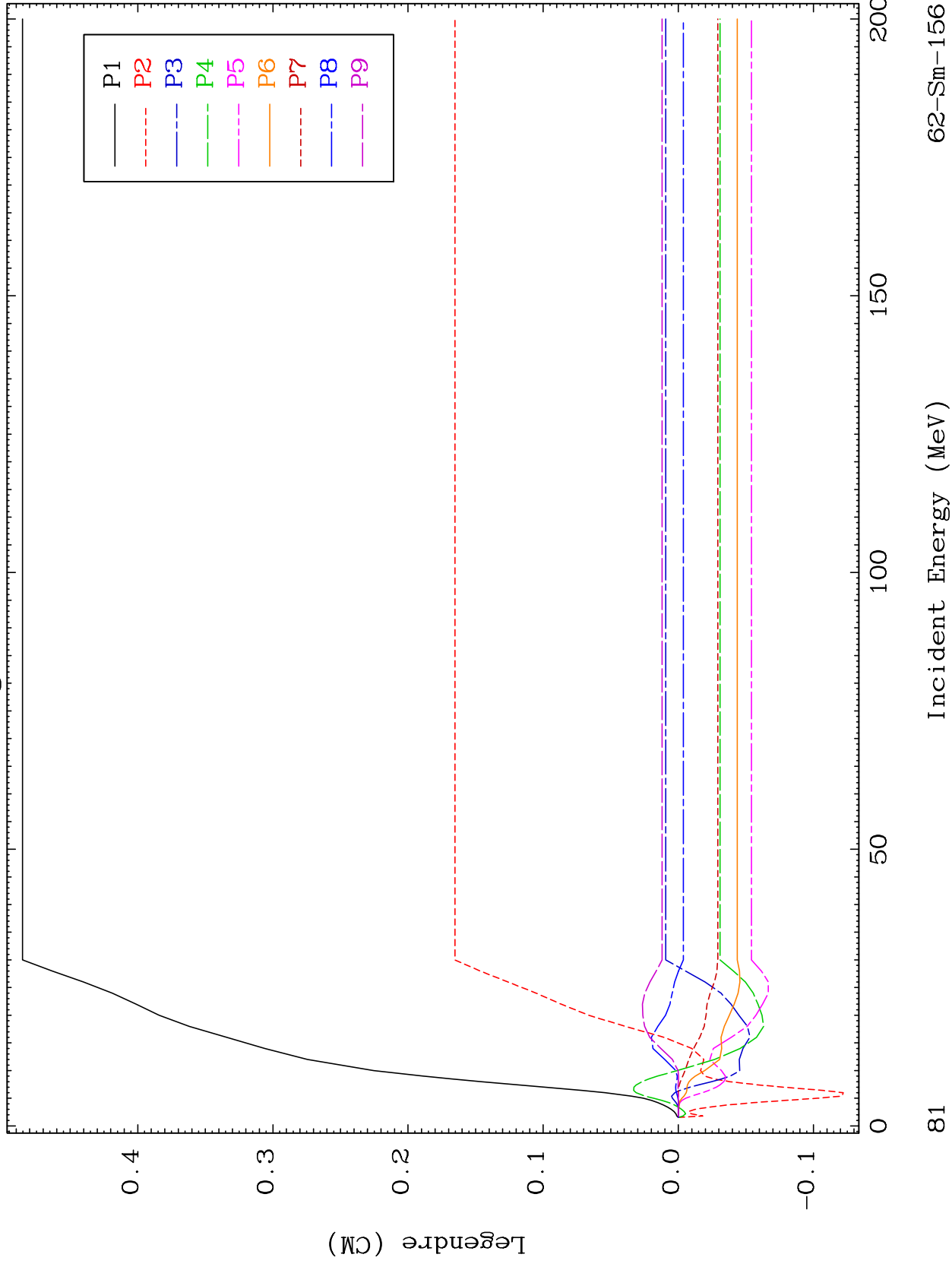
62-Sm-156



MAT 6261

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

62-Sm-156



62-Sm-156

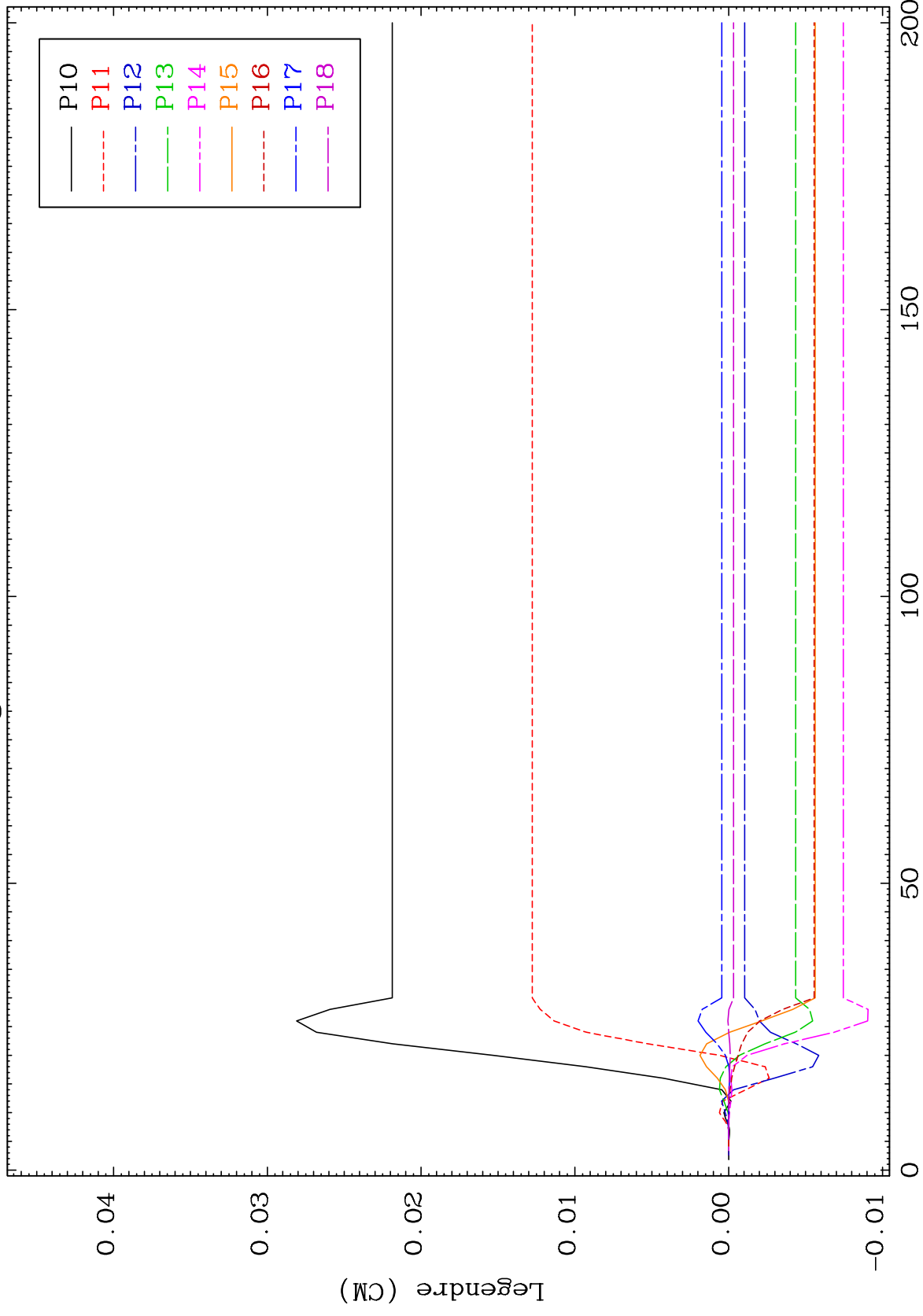
Incident Energy (MeV)

81

MAT 6261

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

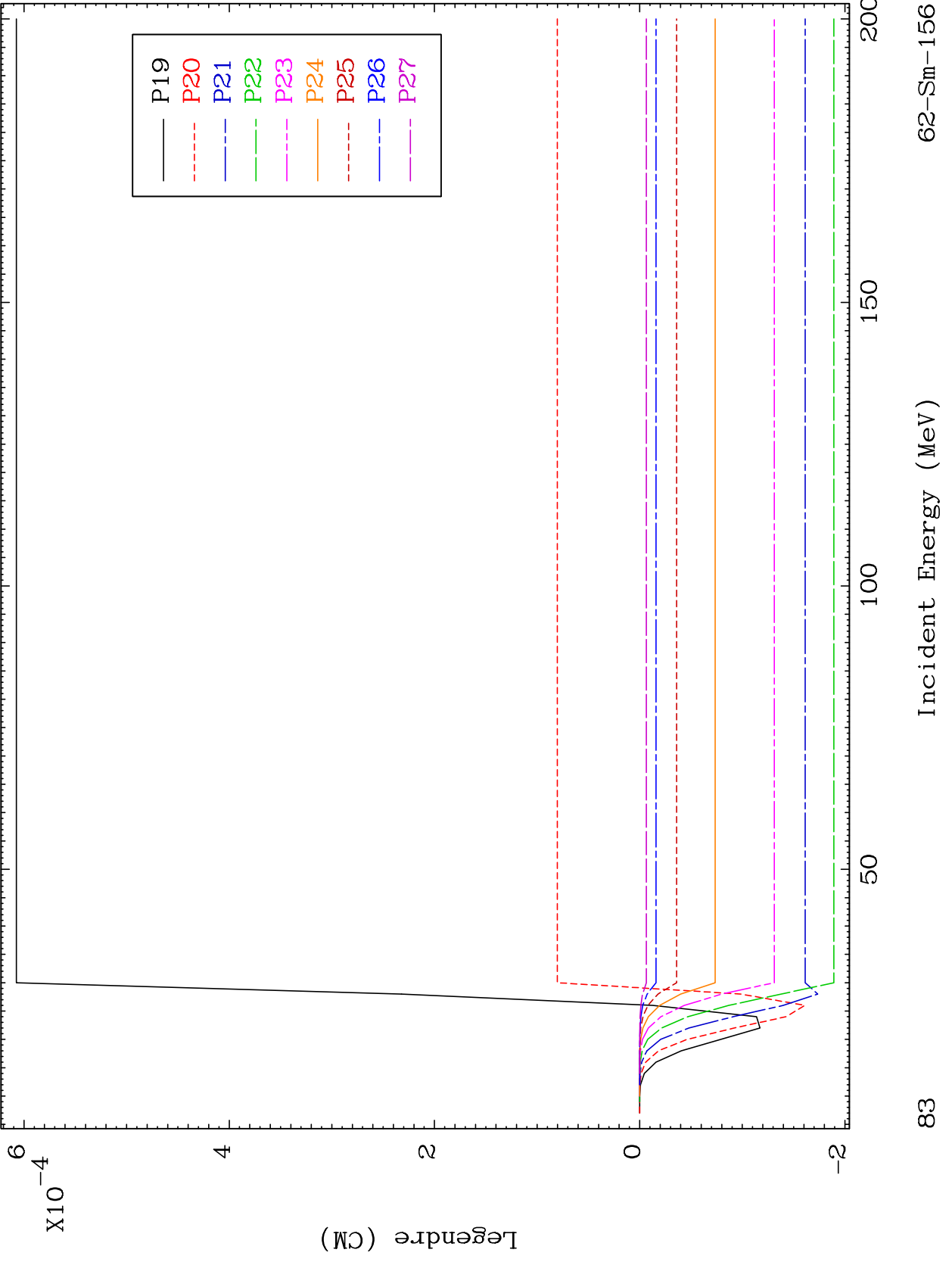
62-Sm-156

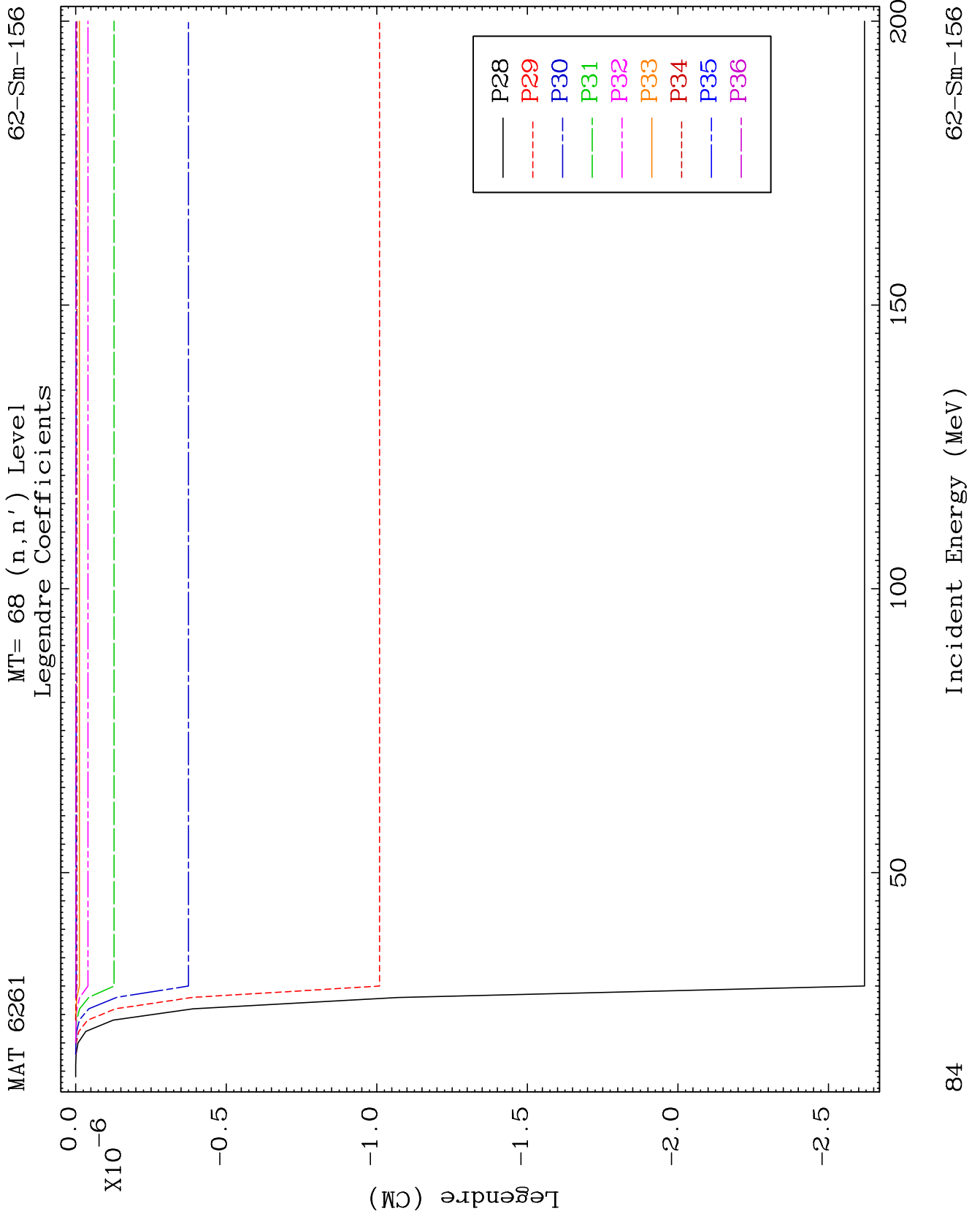


82

Incident Energy (MeV)

62-Sm-156

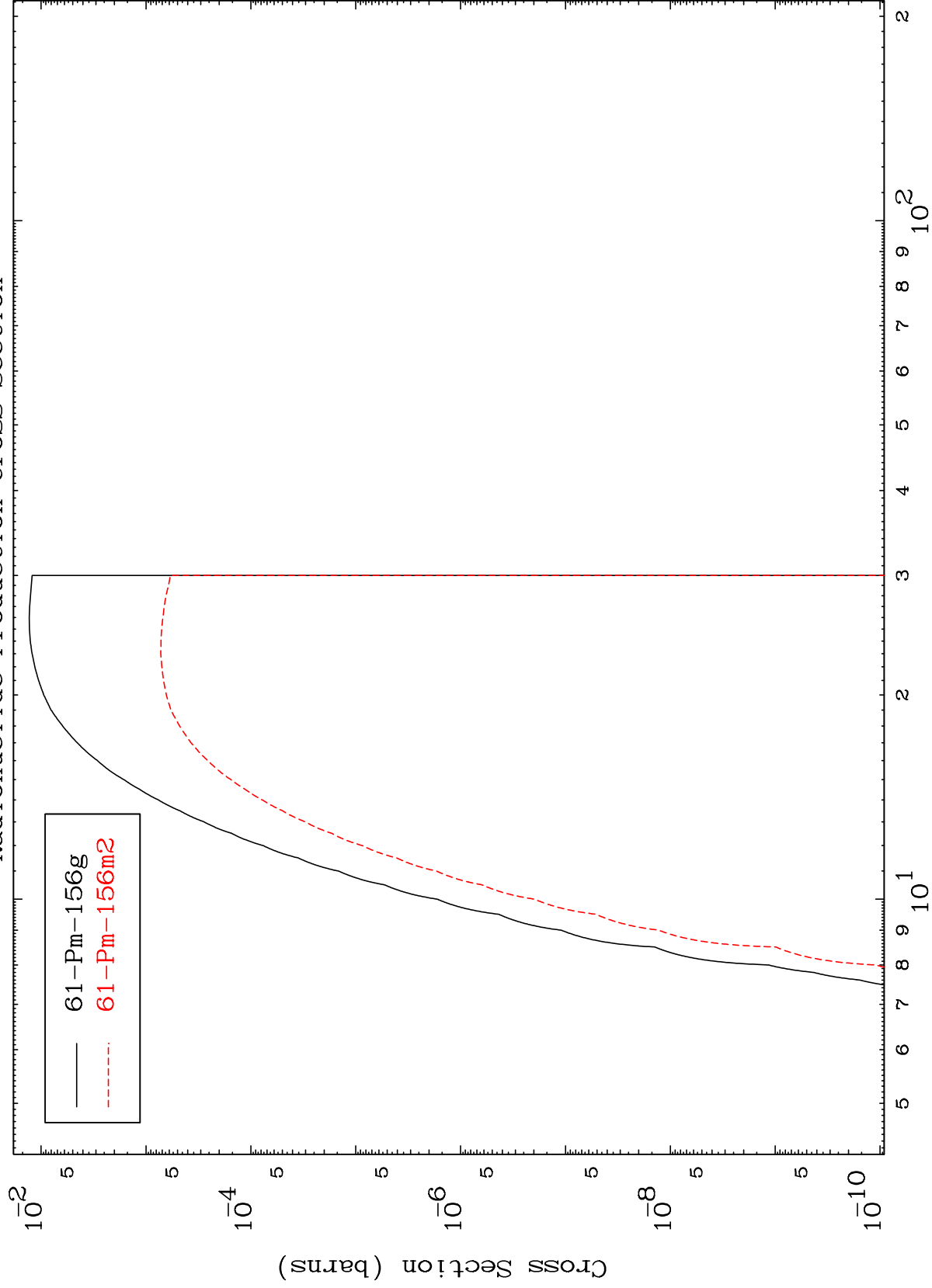




MAT 6261

62-Sm-156

(n,p)
Radionuclide Production Cross Section



85

Incident Energy (MeV)

62-Sm-156