

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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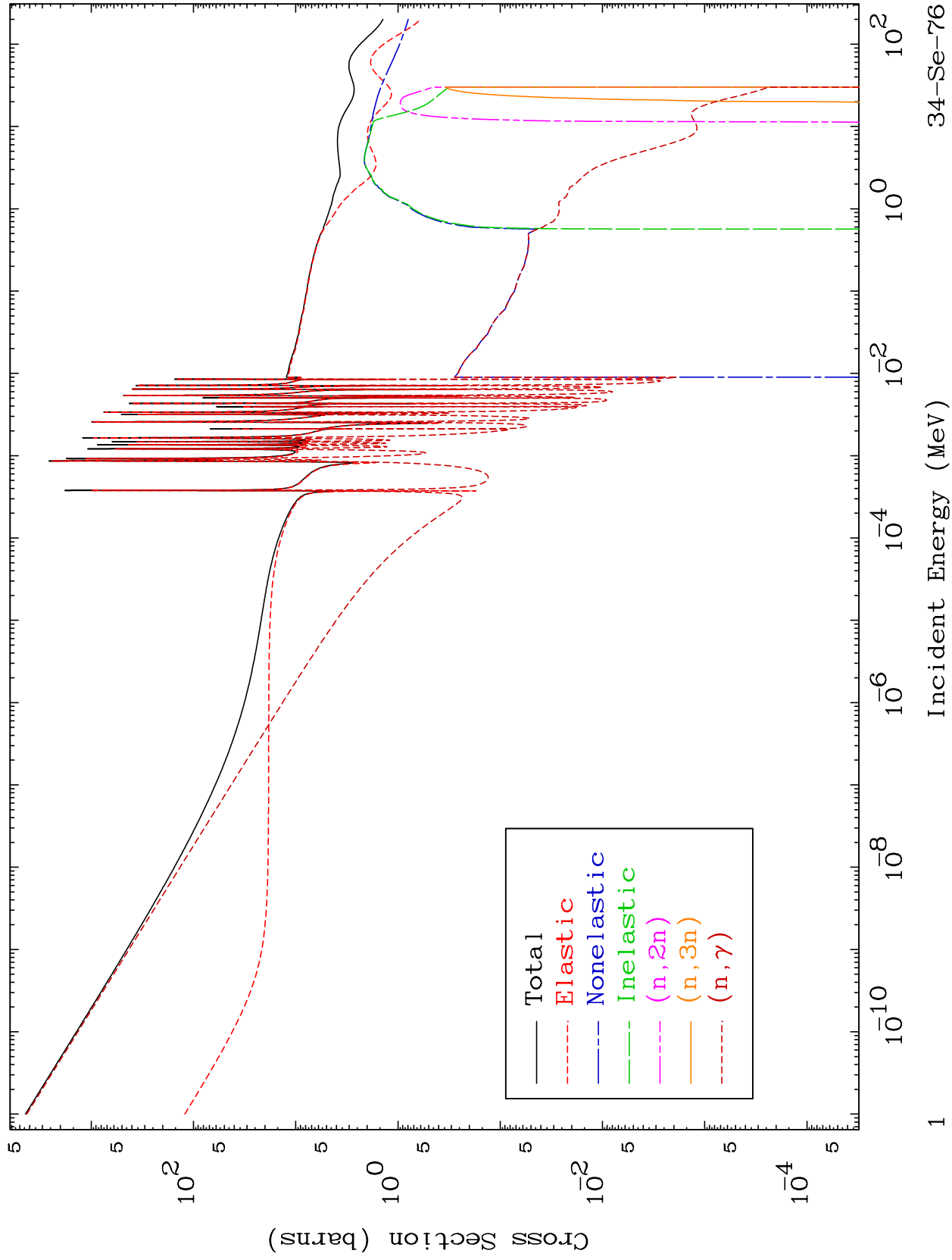
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3431

Neutron Major
293 Kelvin Cross Sections

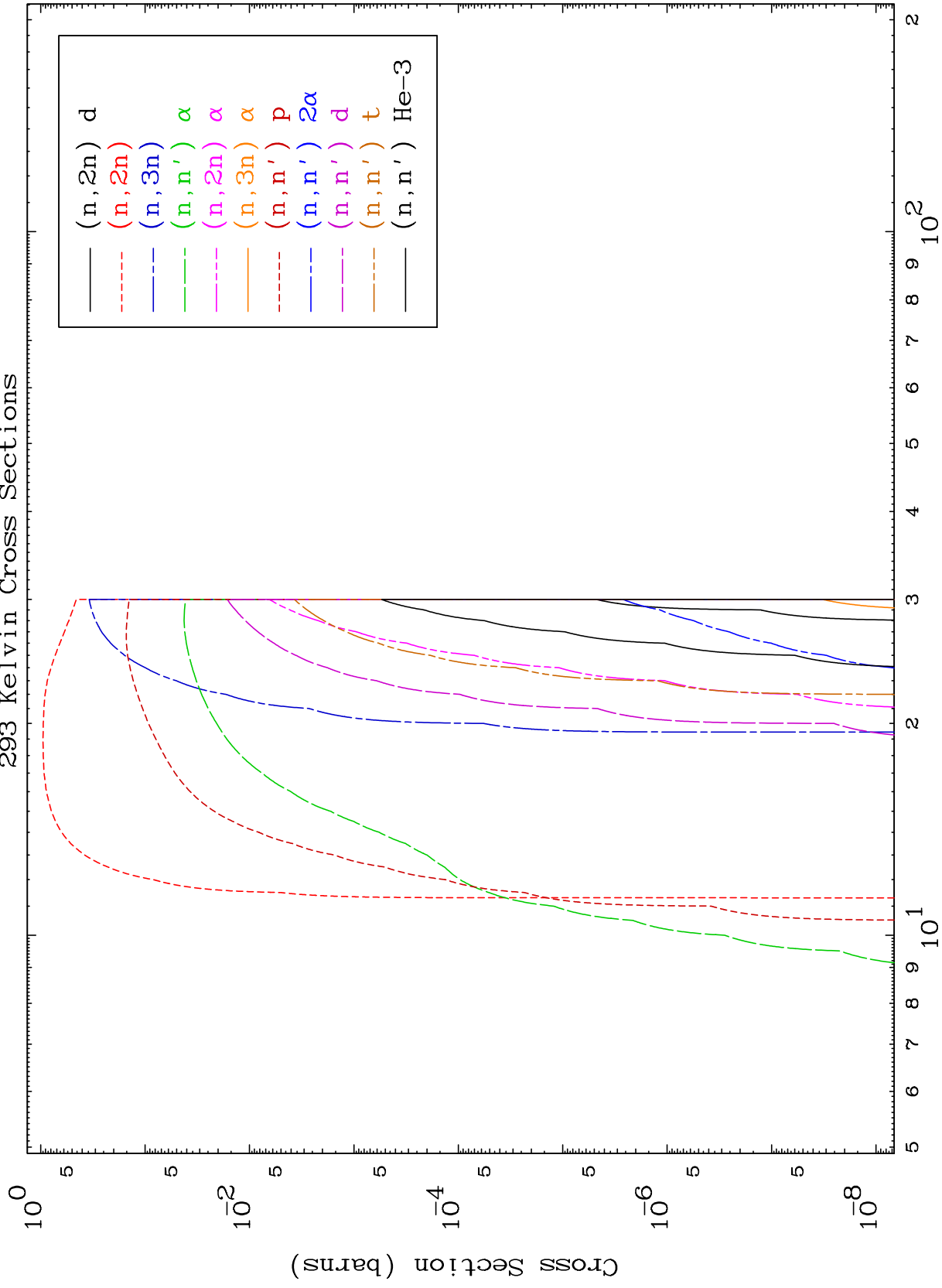
34-Se-76



MAT 3431

Neutron Absorption
293 Kelvin Cross Sections

34-Se-76



2

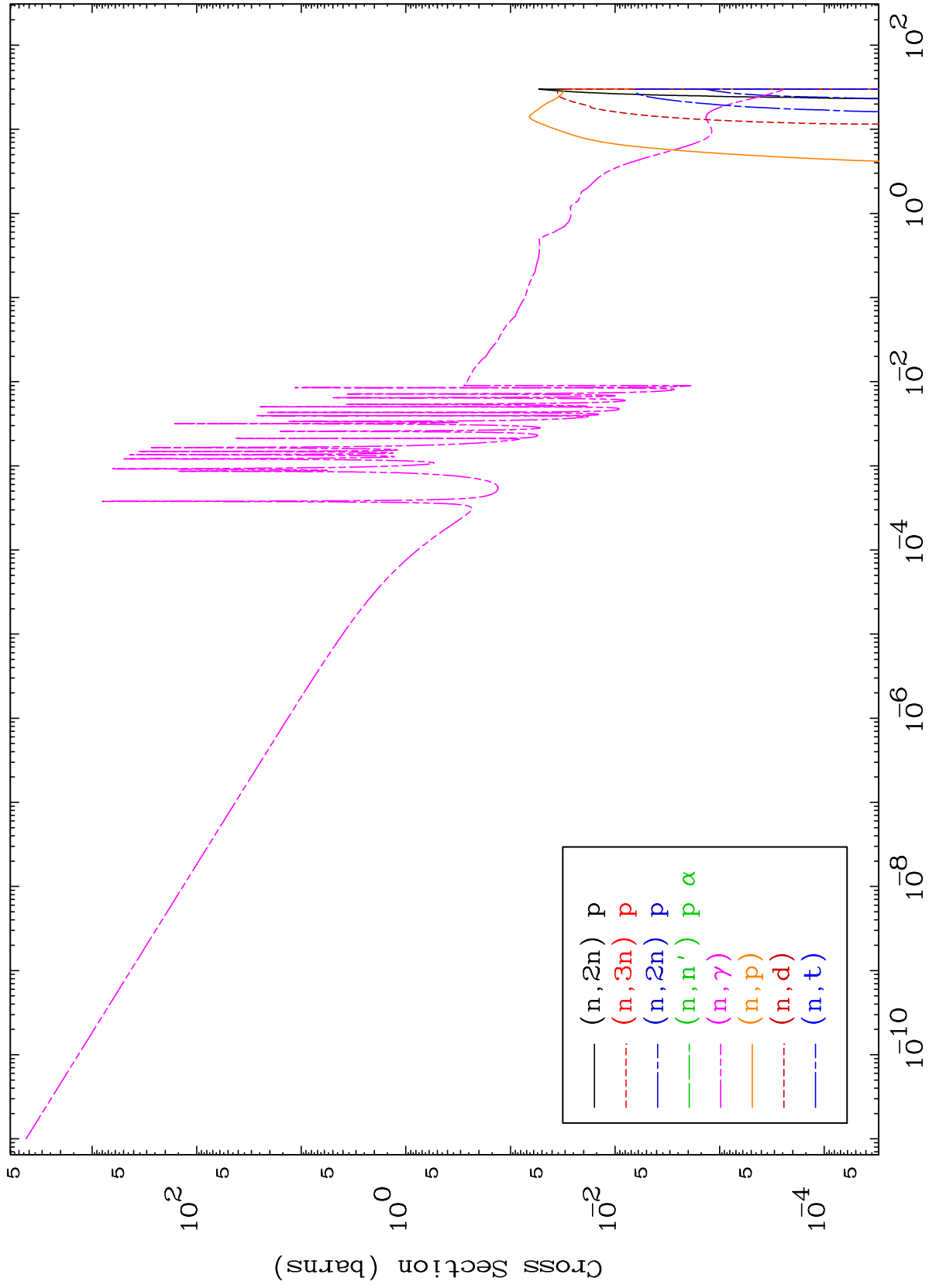
Incident Energy (MeV)

34-Se-76

MAT 3431

Neutron Absorption
293 Kelvin Cross Sections

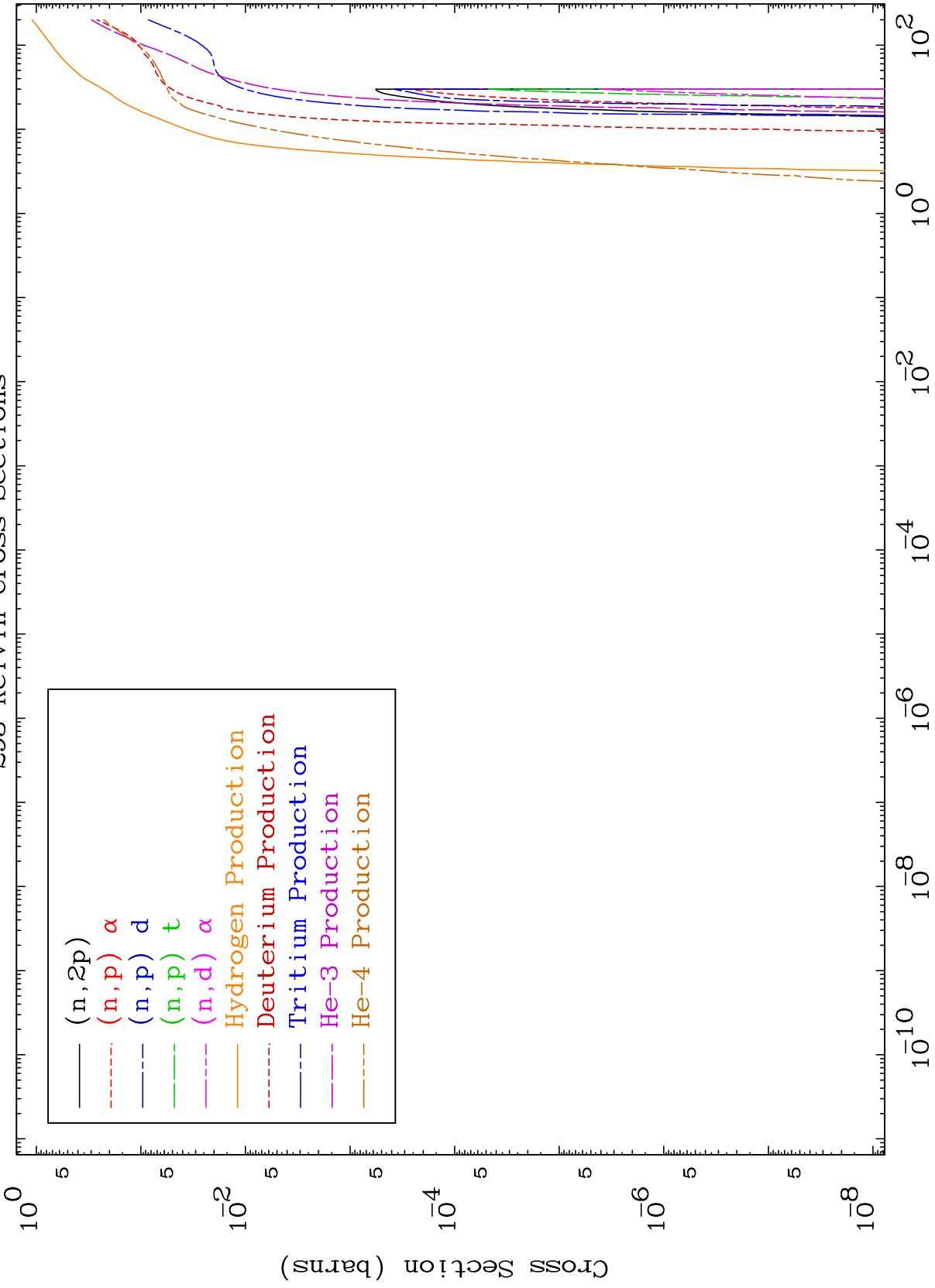
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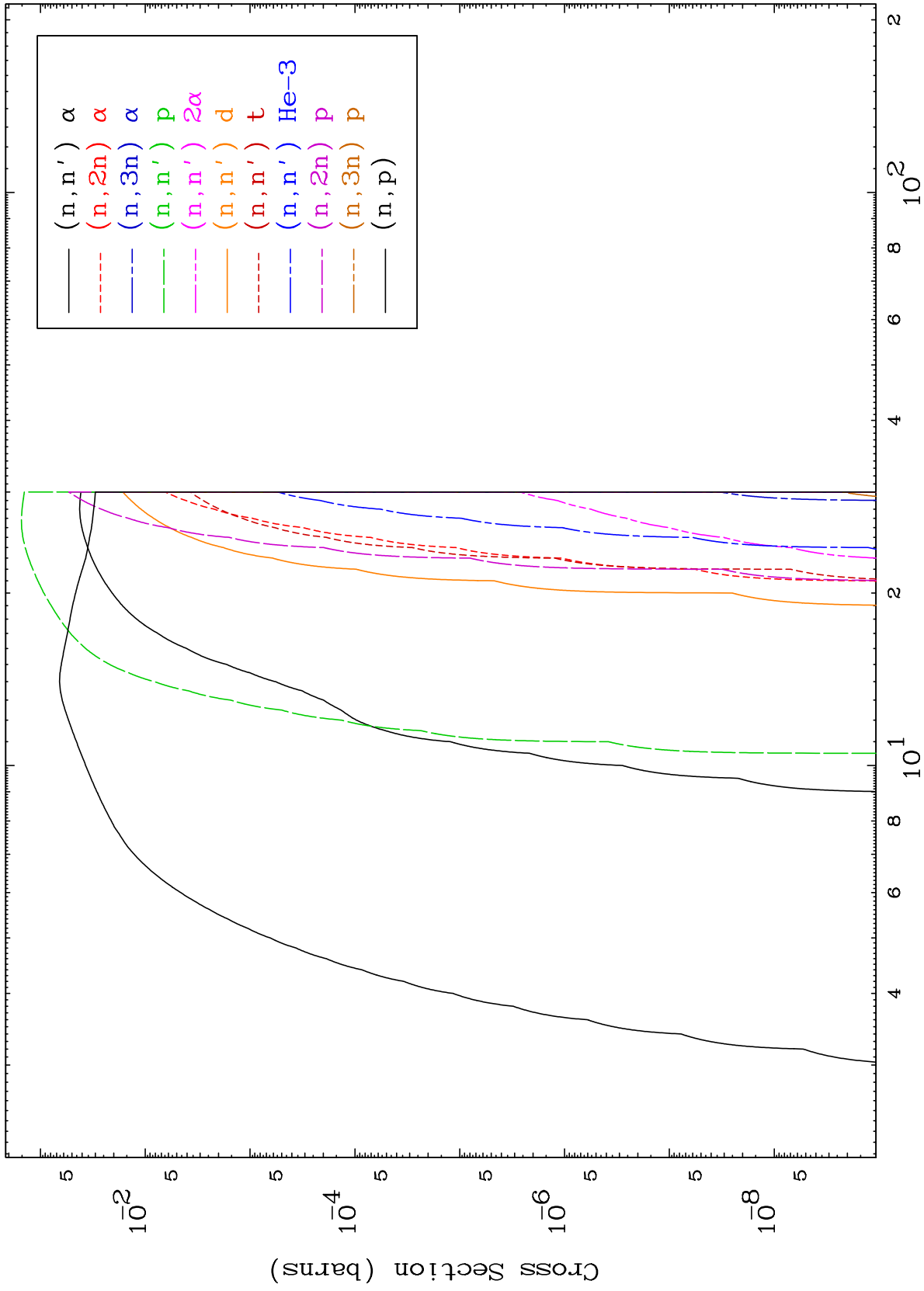


MAT 3431

Neutron Absorption
293 Kelvin Cross Sections

34-Se-76

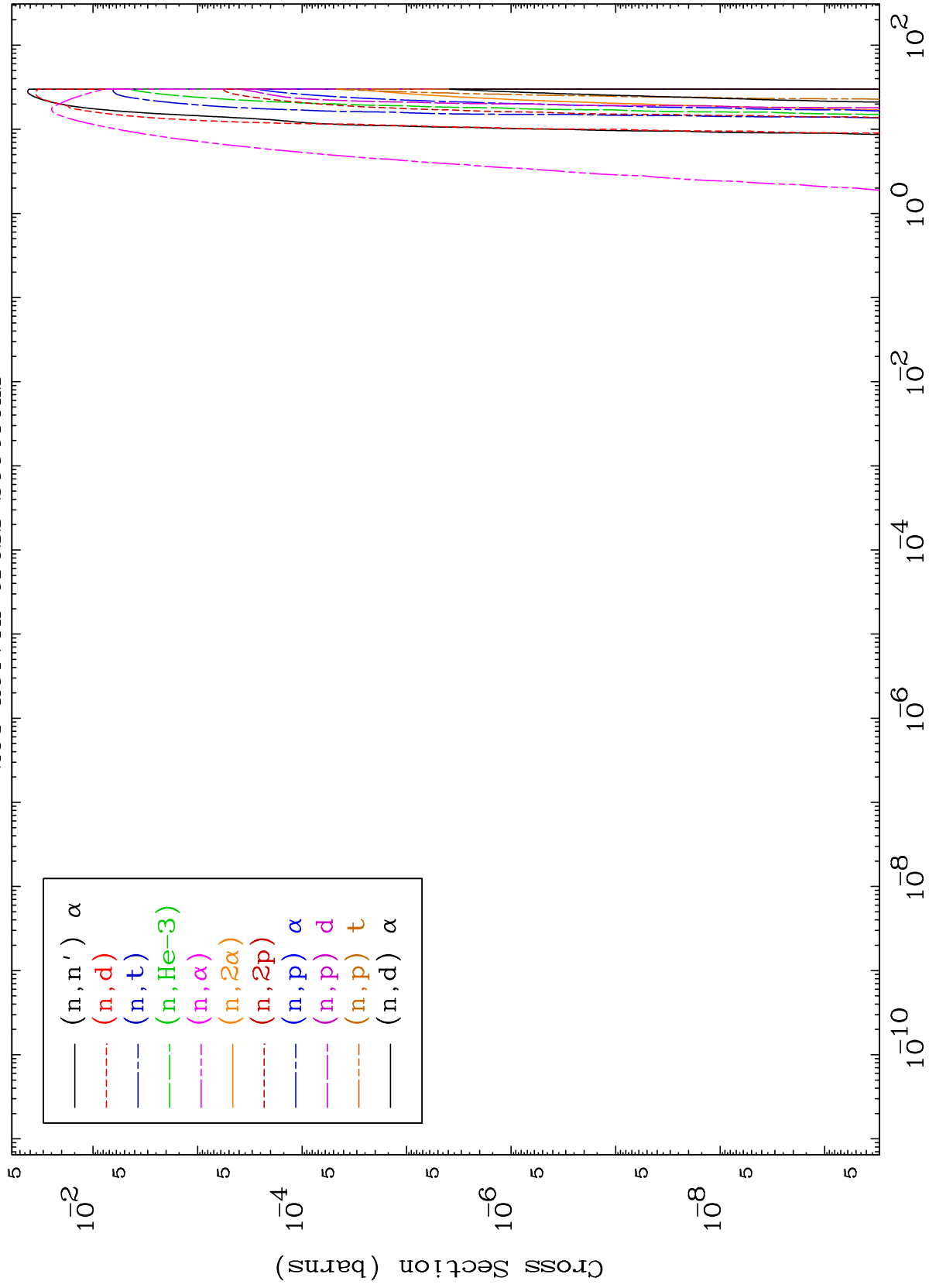




MAT 3431

Charged Particle
293 Kelvin Cross Sections

34-Se-76



6

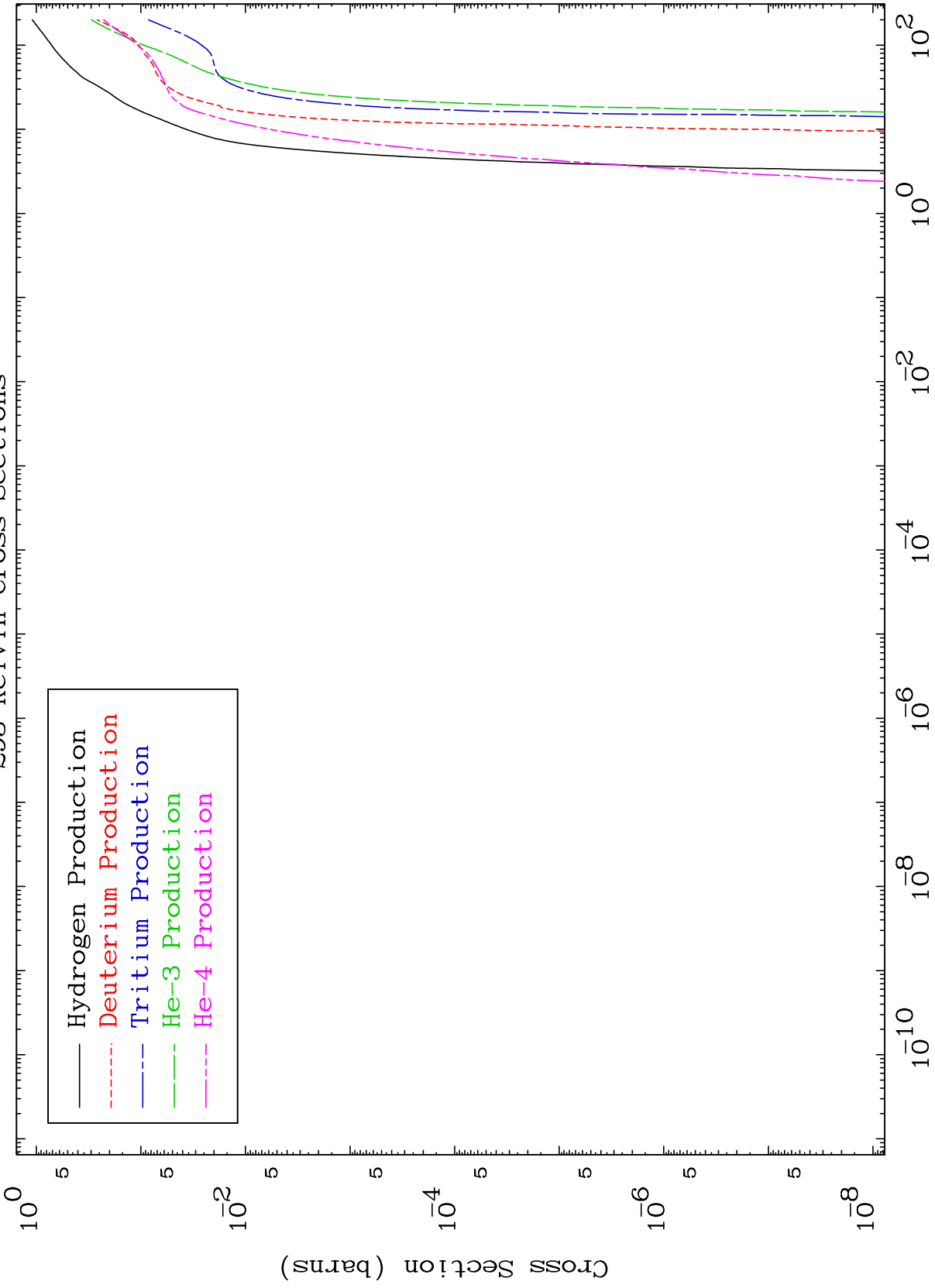
Incident Energy (MeV)

34-Se-76

MAT 3431

Particle Production
293 Kelvin Cross Sections

34-Se-76



7

Incident Energy (MeV)

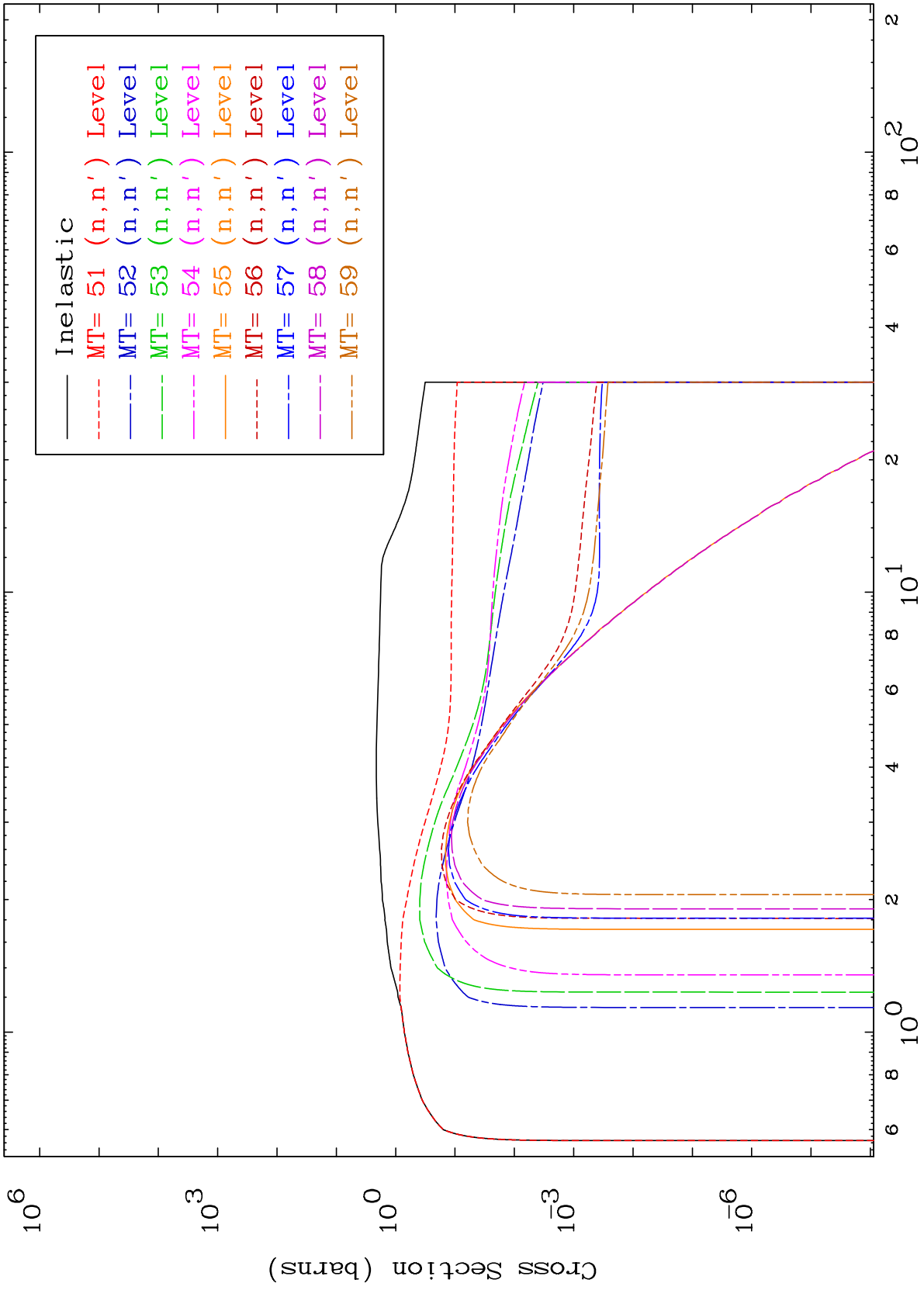
34-Se-76

MAT 3431

(n,n') Levels

34-Se-76

293 Kelvin Cross Sections



8

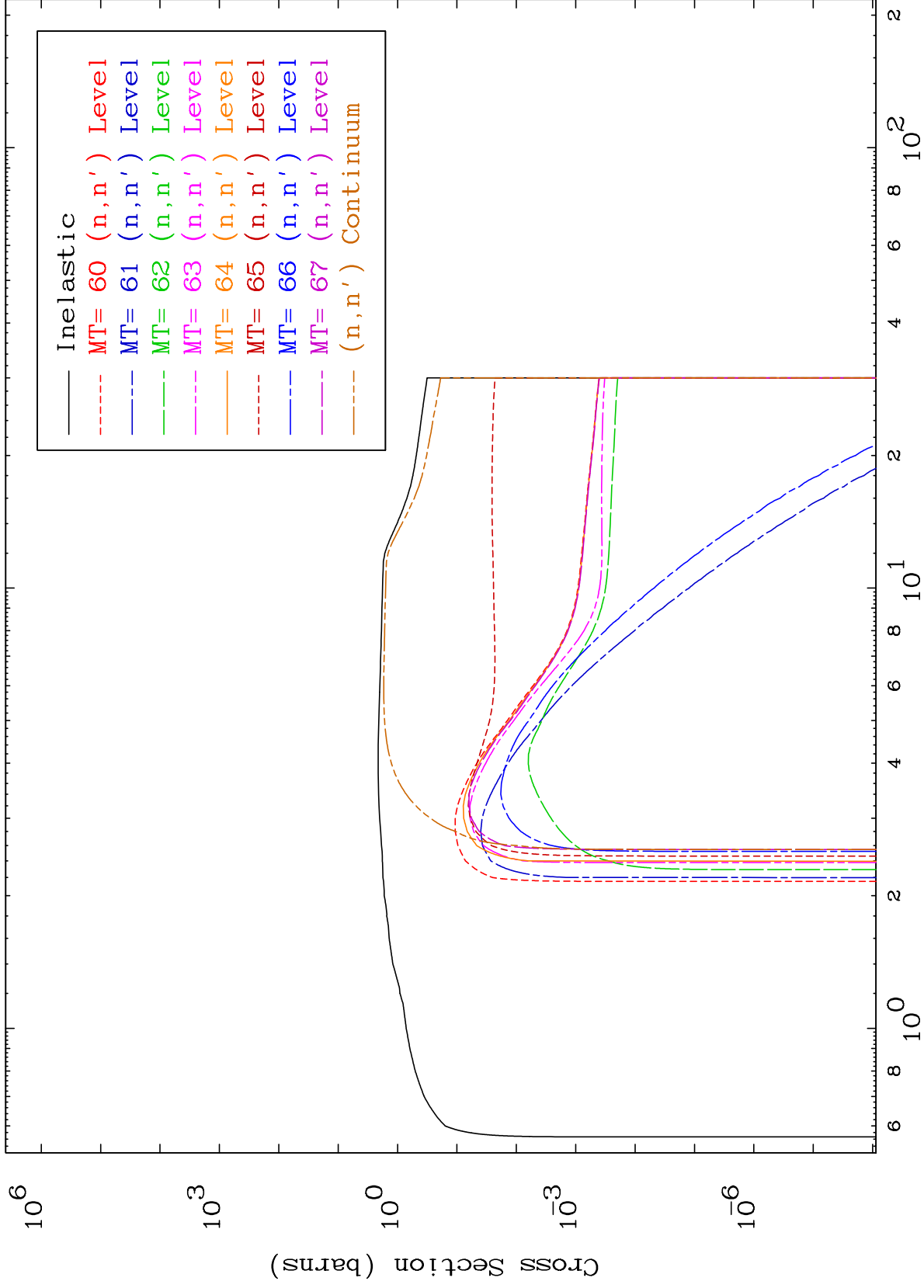
Incident Energy (MeV)

34-Se-76

MAT 3431

(n,n') Levels
293 Kelvin Cross Sections

34-Se-76



9

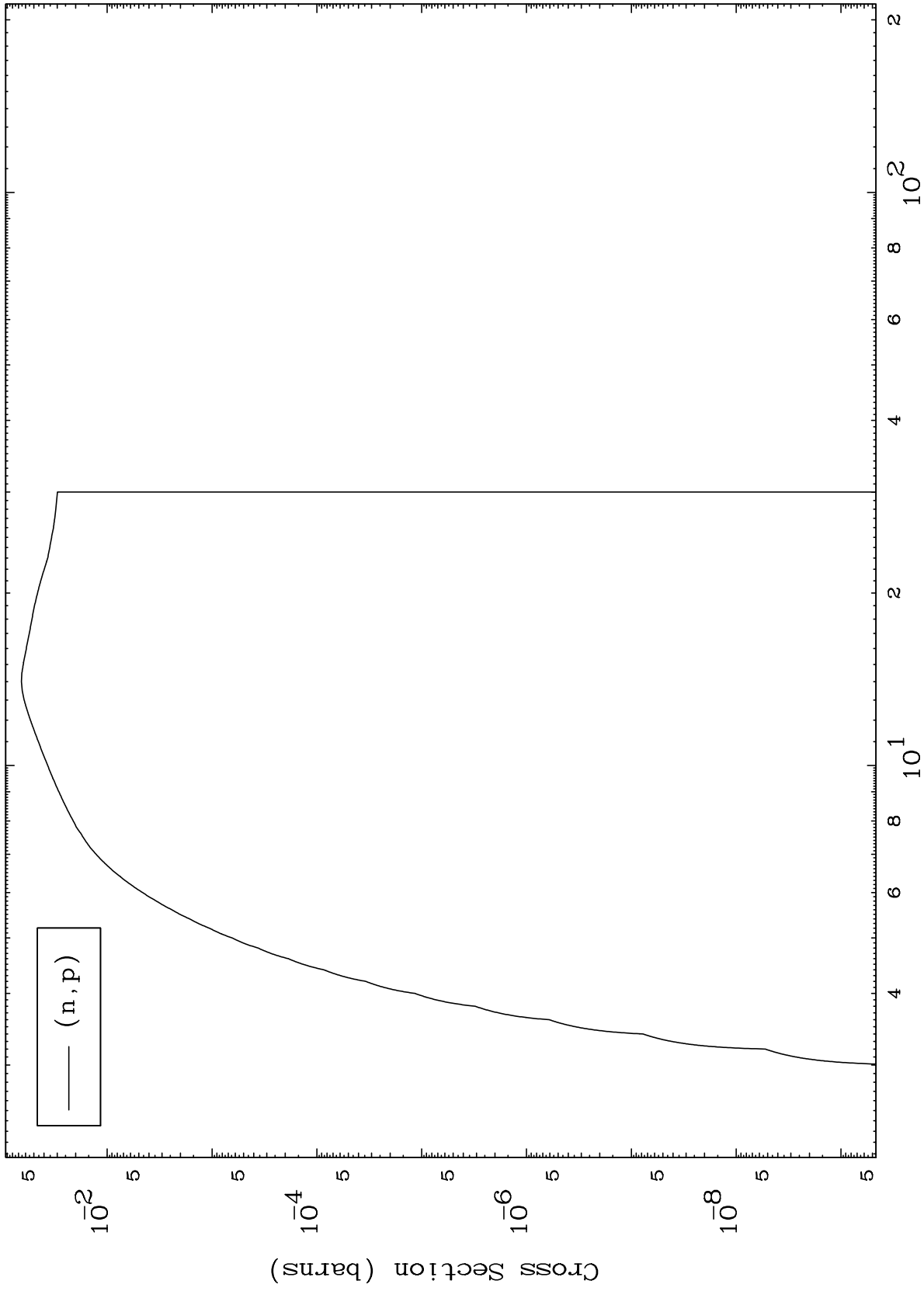
Incident Energy (MeV)

34-Se-76

MAT 3431

34-Se-76

(n,p) Levels
293 Kelvin Cross Sections



10

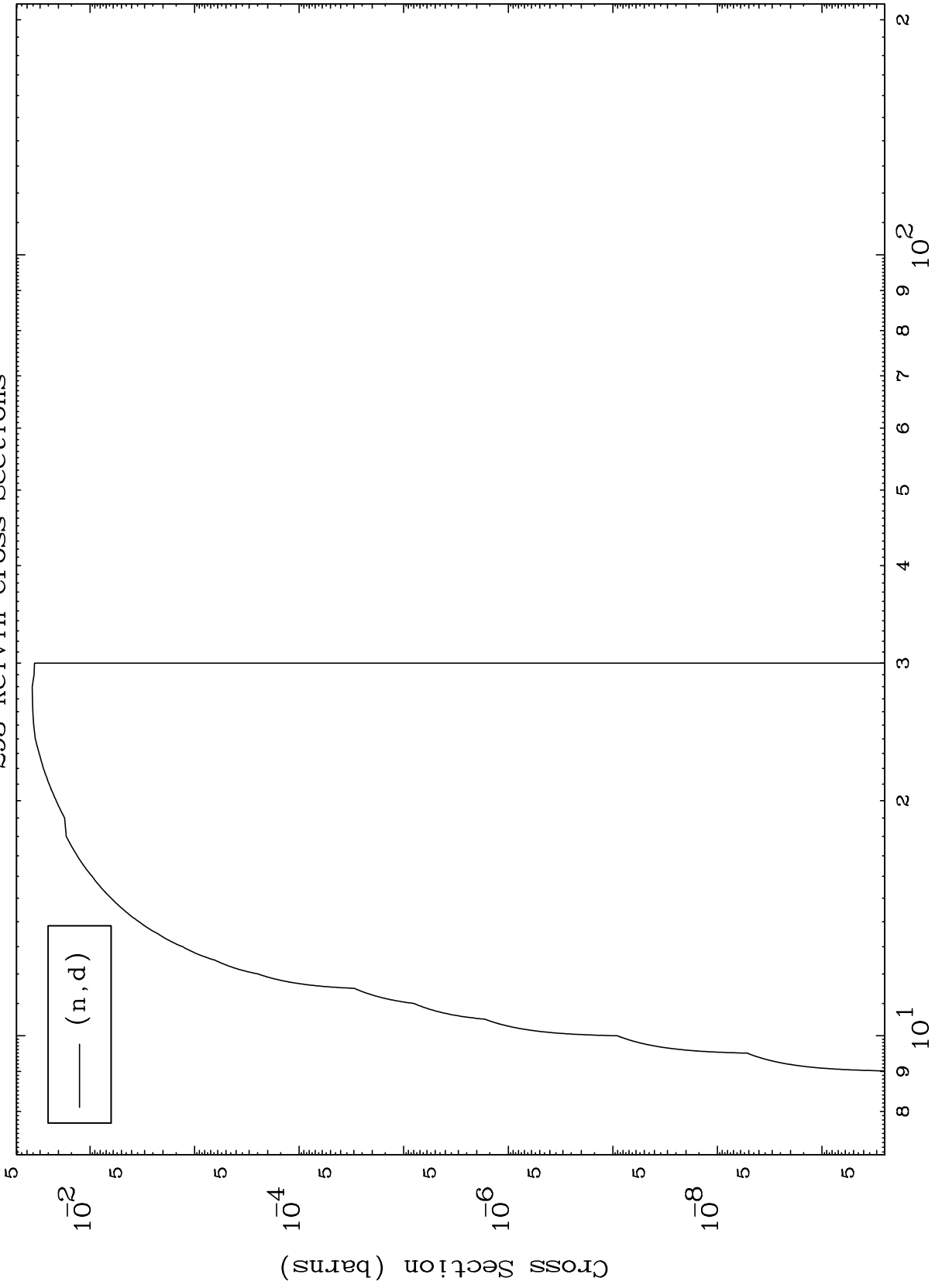
Incident Energy (MeV)

34-Se-76

MAT 3431

(n,d) Levels
293 Kelvin Cross Sections

34-Se-76



11

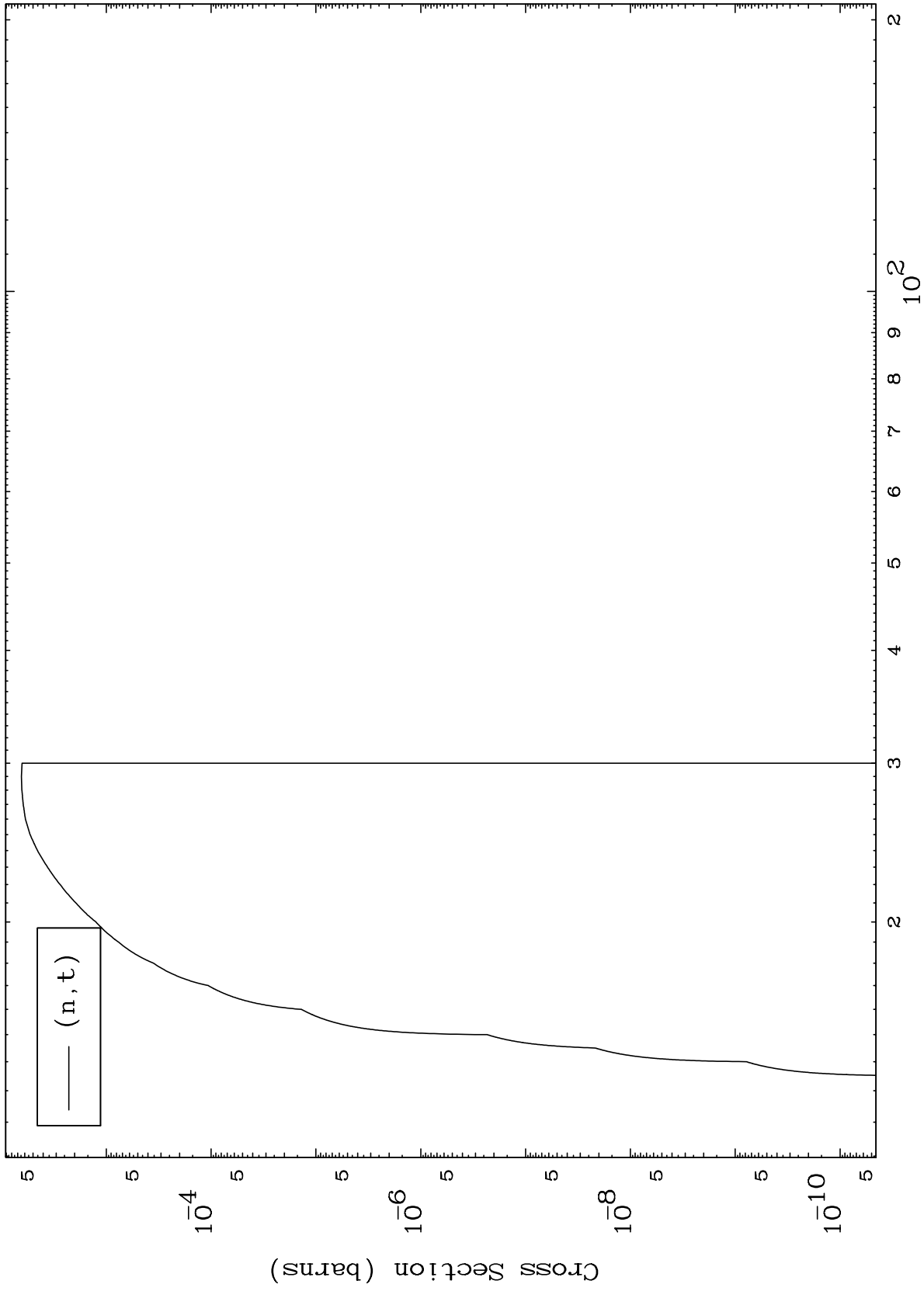
Incident Energy (MeV)

34-Se-76

MAT 3431

(n,t) Levels
293 Kelvin Cross Sections

34-Se-76



12

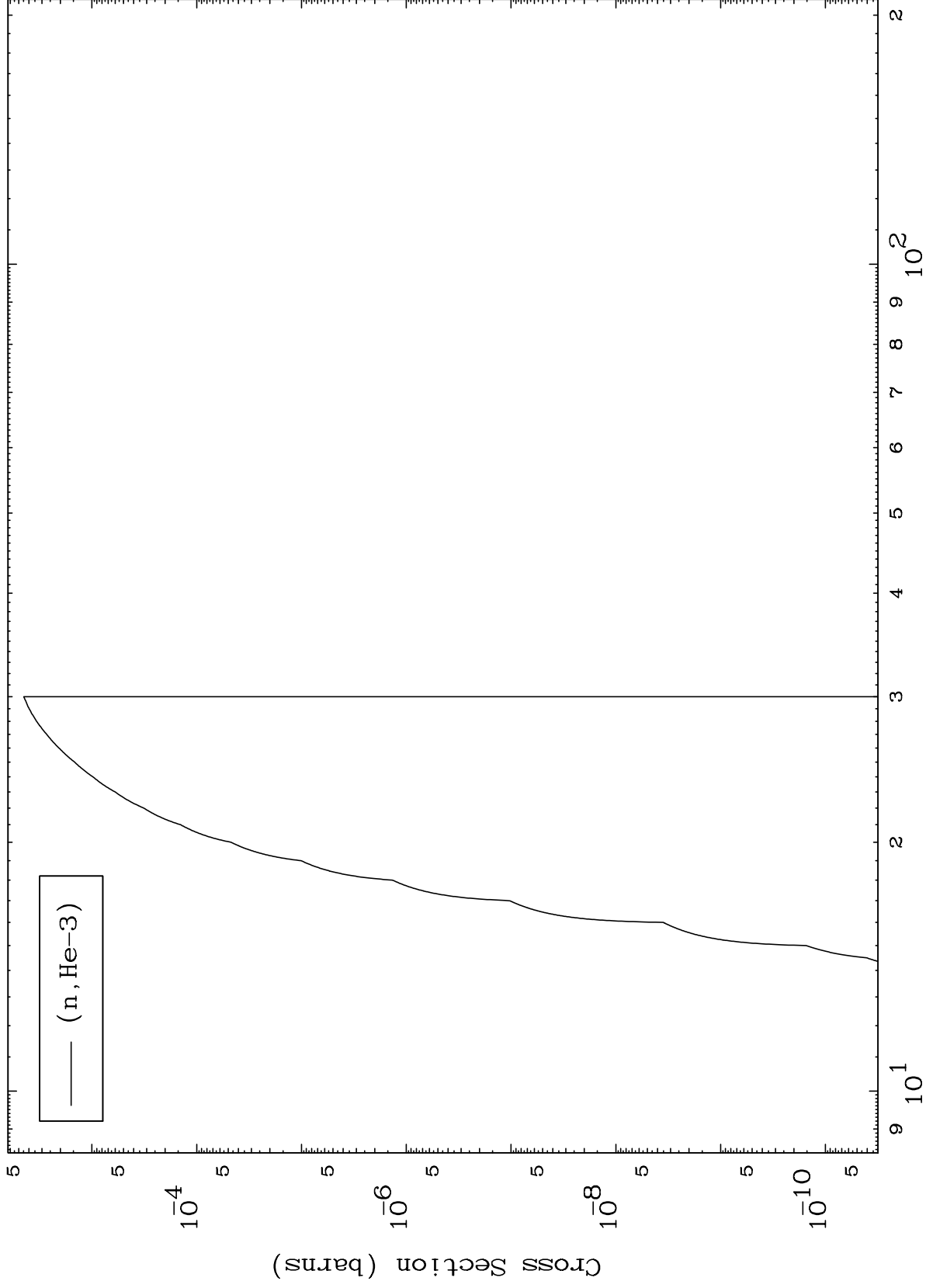
Incident Energy (MeV)

34-Se-76

MAT 3431

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-76



13

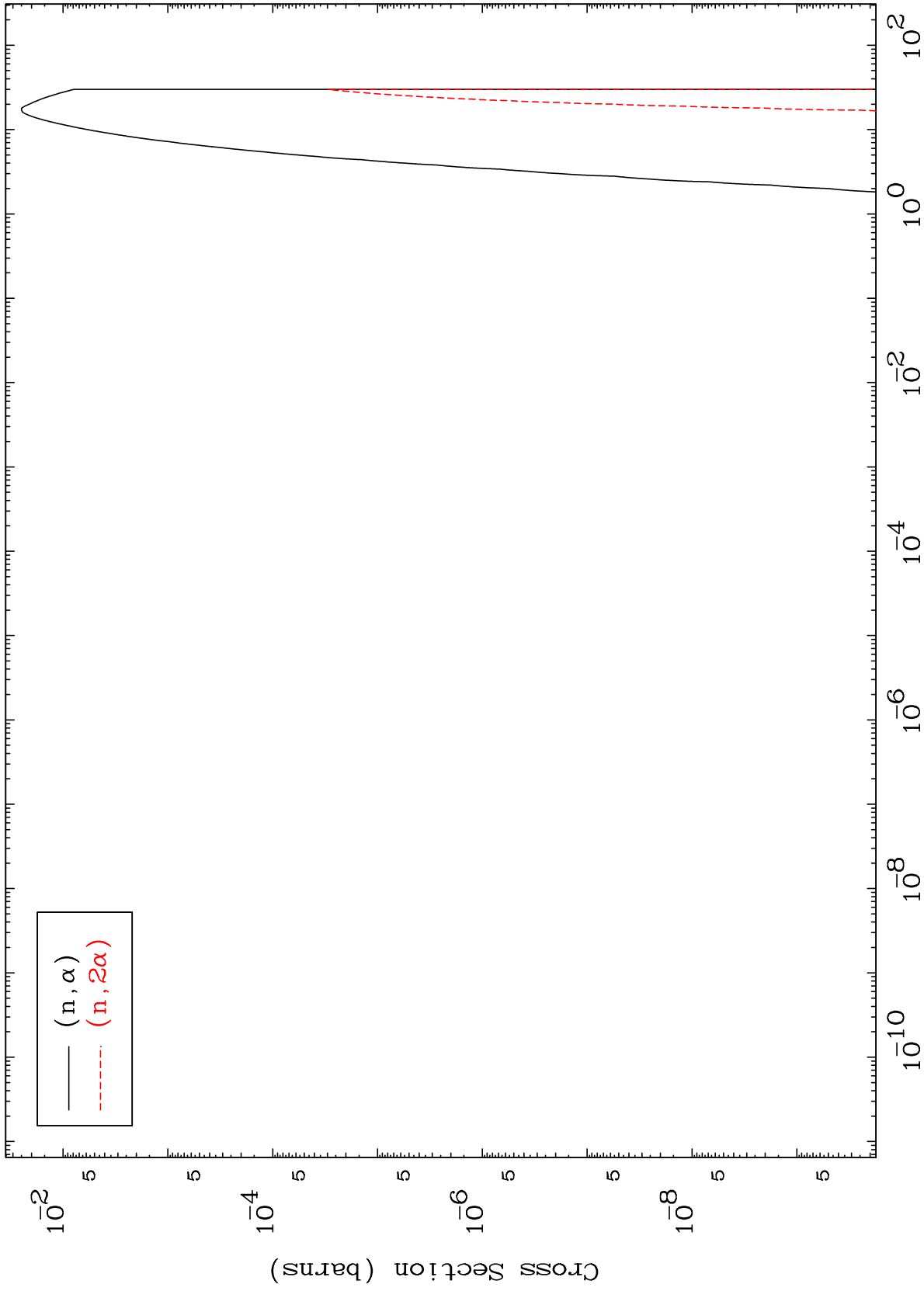
Incident Energy (MeV)

34-Se-76

MAT 3431

(n,α) Levels
293 Kelvin Cross Sections

34-Se-76



14

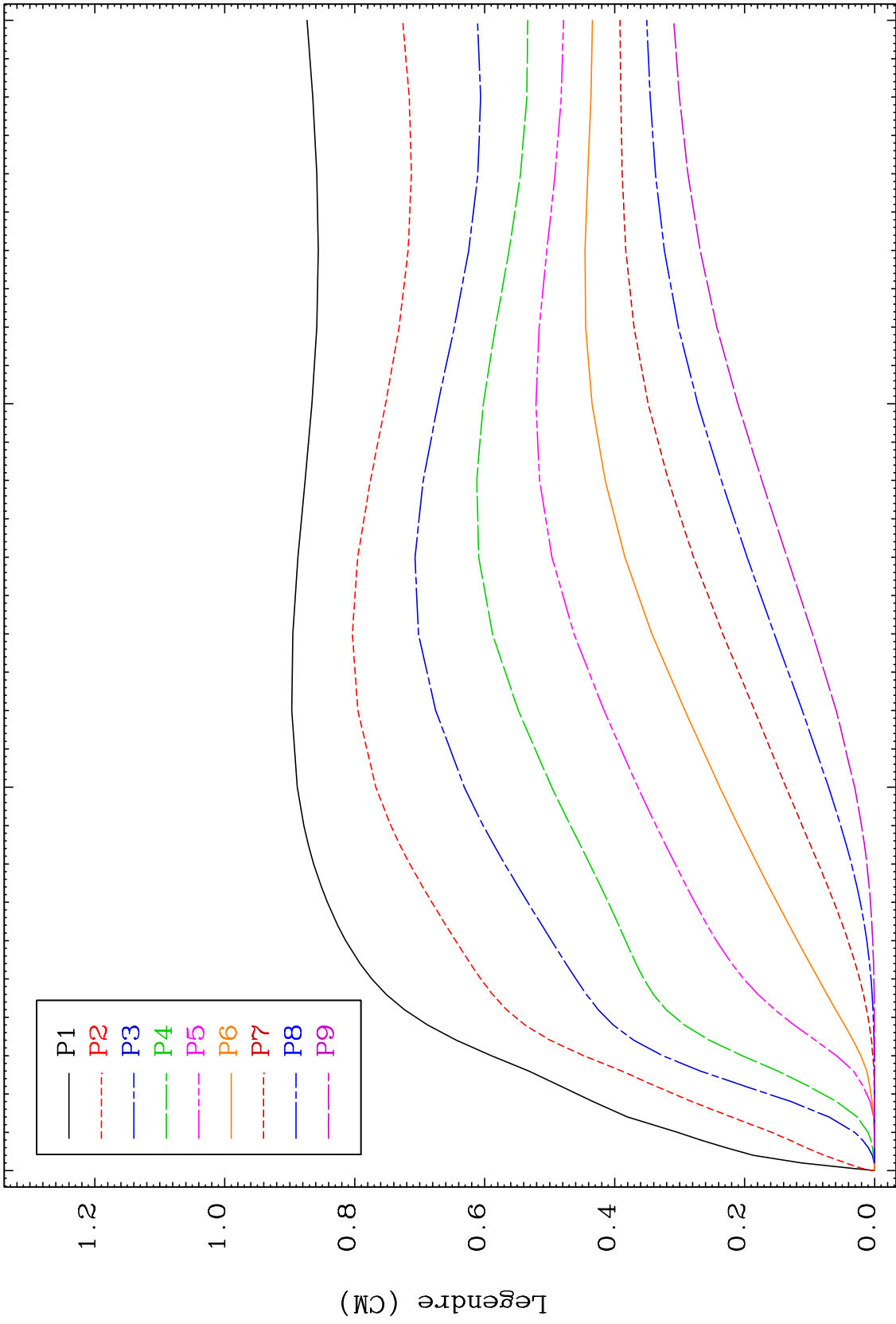
Incident Energy (MeV)

34-Se-76

MAT 3431

Elastic Legendre Coefficients

³⁴Se-76



15

Incident Energy (MeV)

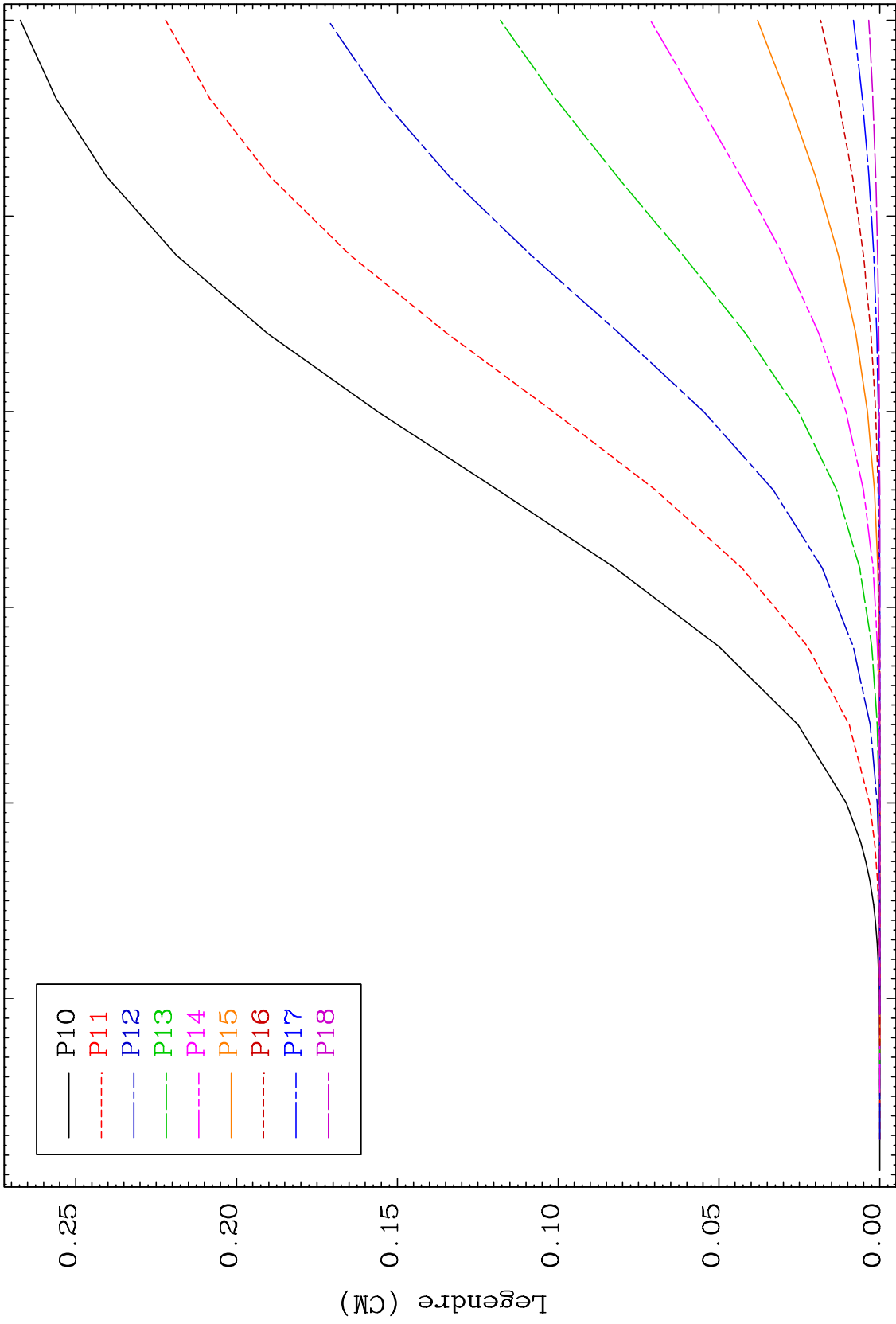
³⁴Se-76

30

MAT 3431

Elastic Legendre Coefficients

³⁴Se-76



16

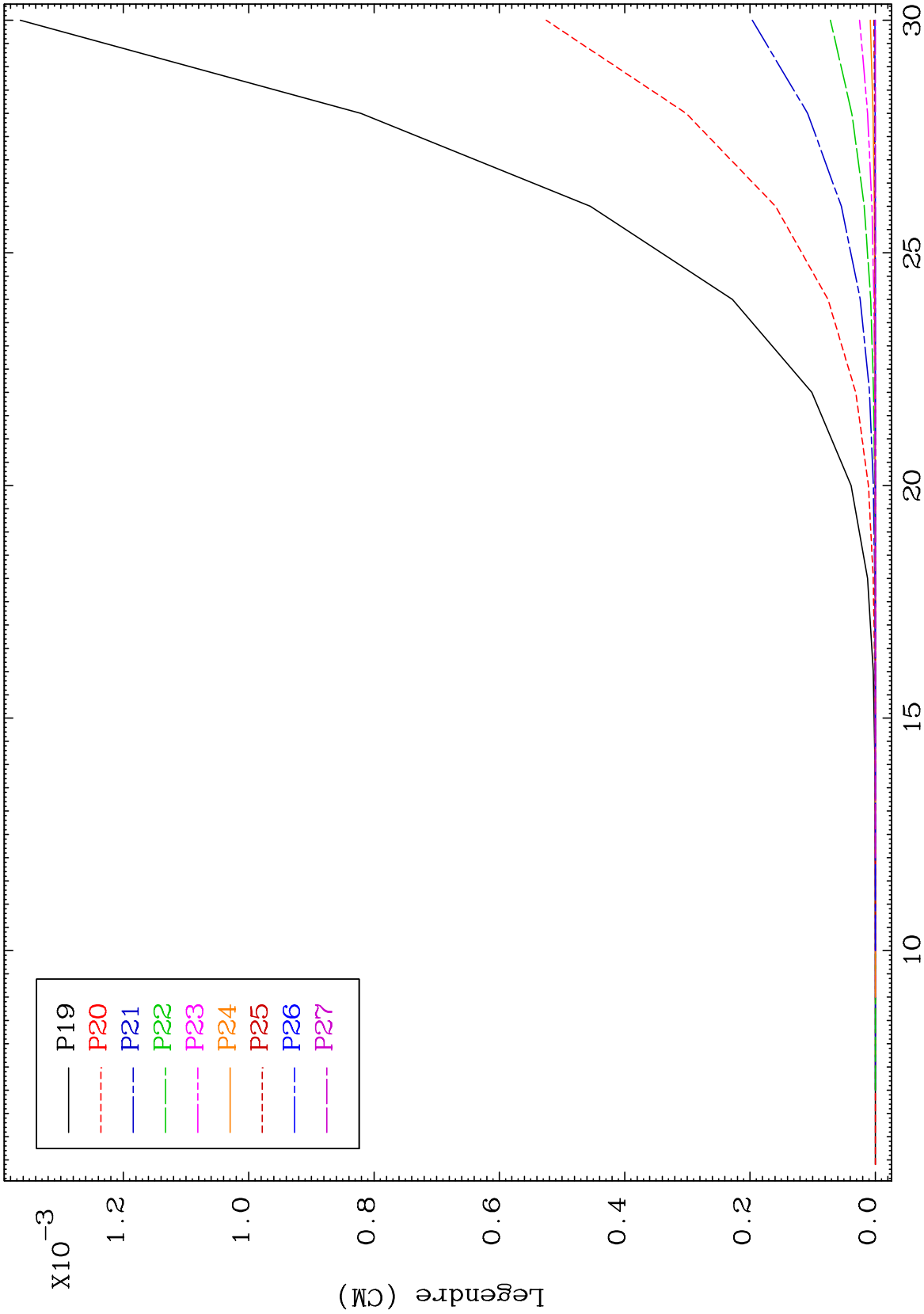
Incident Energy (MeV)

³⁴Se-76

MAT 3431

Elastic Legendre Coefficients

³⁴Se-76



17

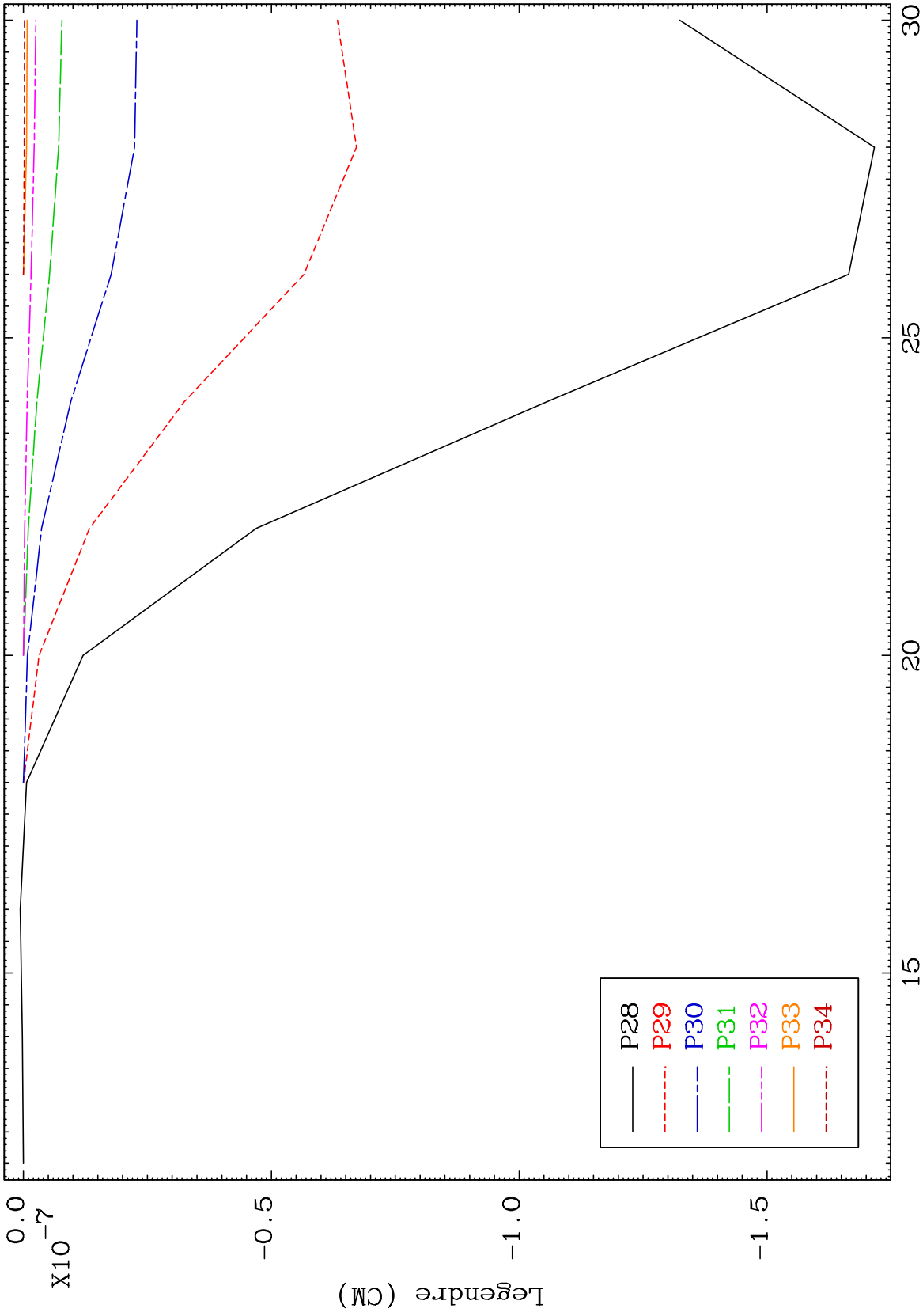
Incident Energy (MeV)

³⁴Se-76

MAT 3431

³⁴Se-76

Elastic Legendre Coefficients



18

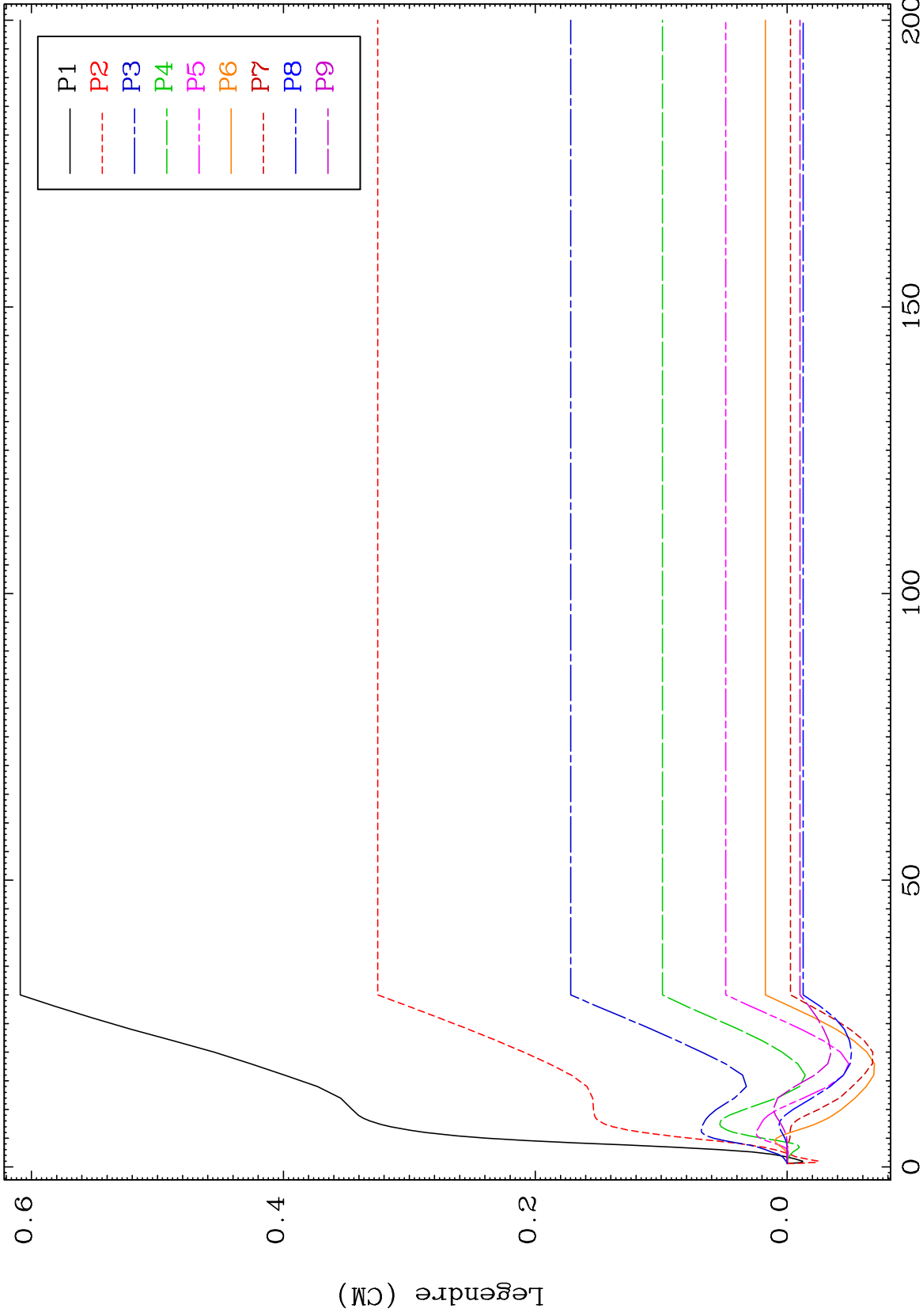
Incident Energy (MeV)

³⁴Se-76

MAT 3431

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

34-Se-76



19

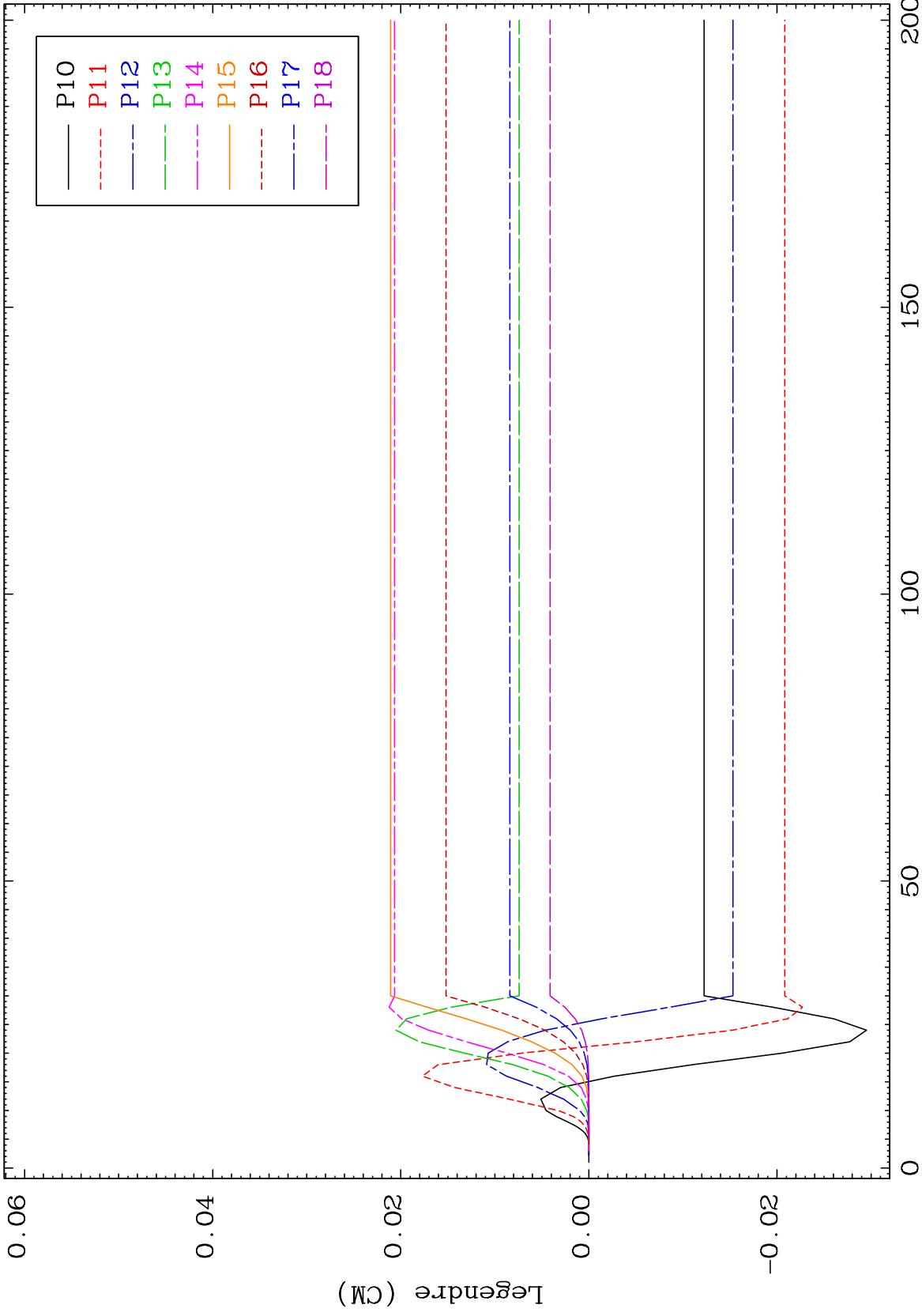
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



34-Se-76

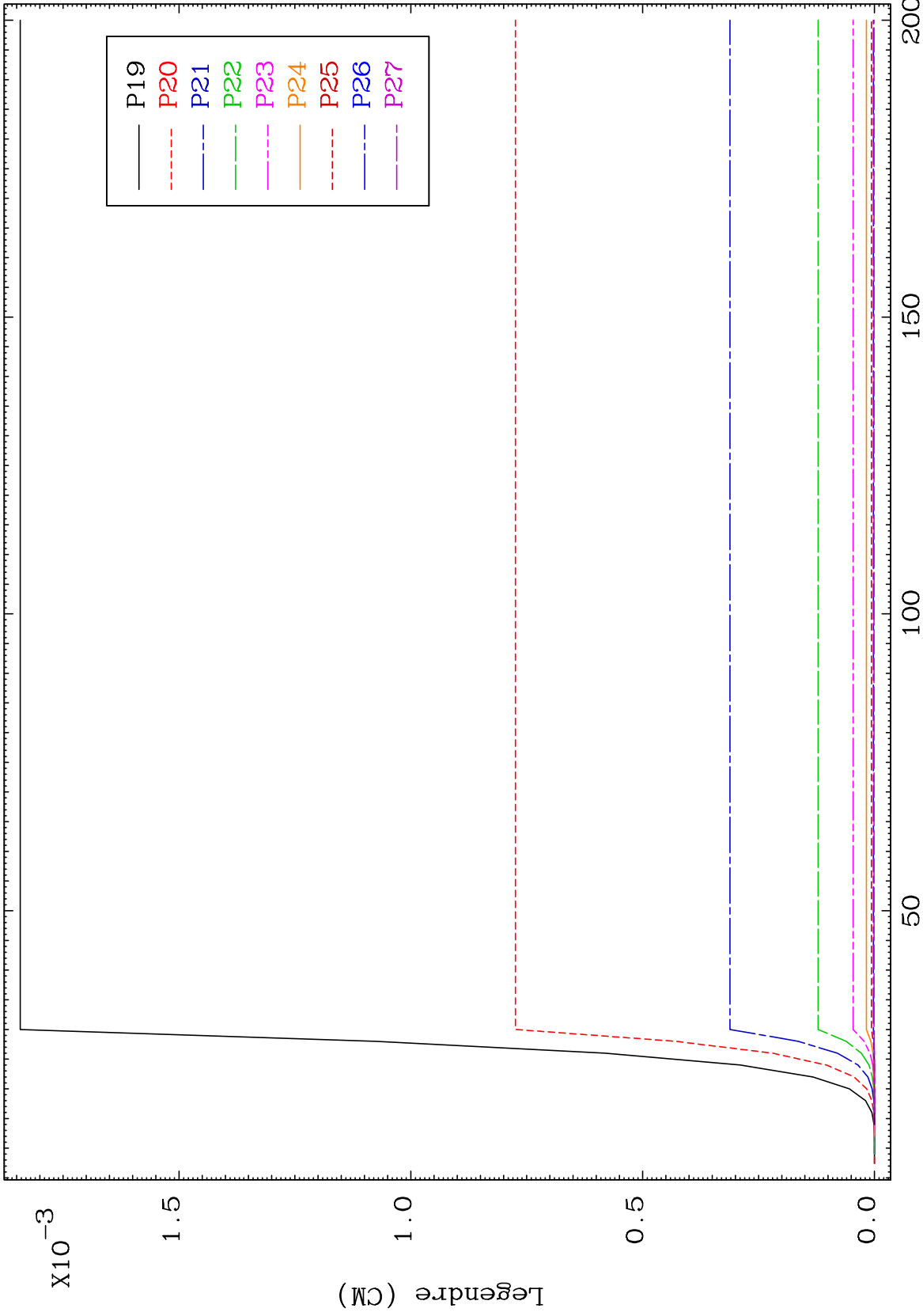
Incident Energy (MeV)

20

MAT 3431

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

34-Se-76



21

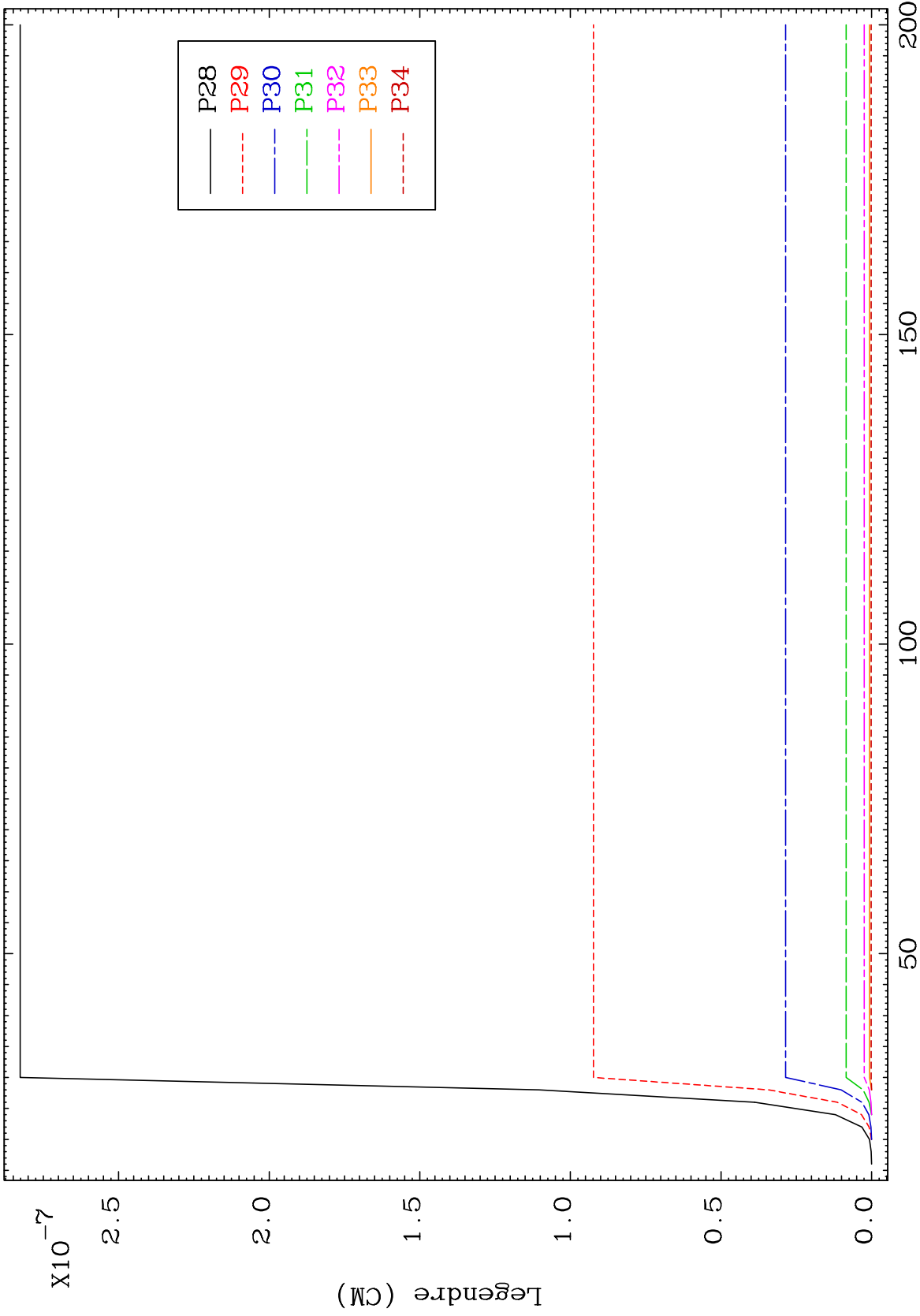
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



22

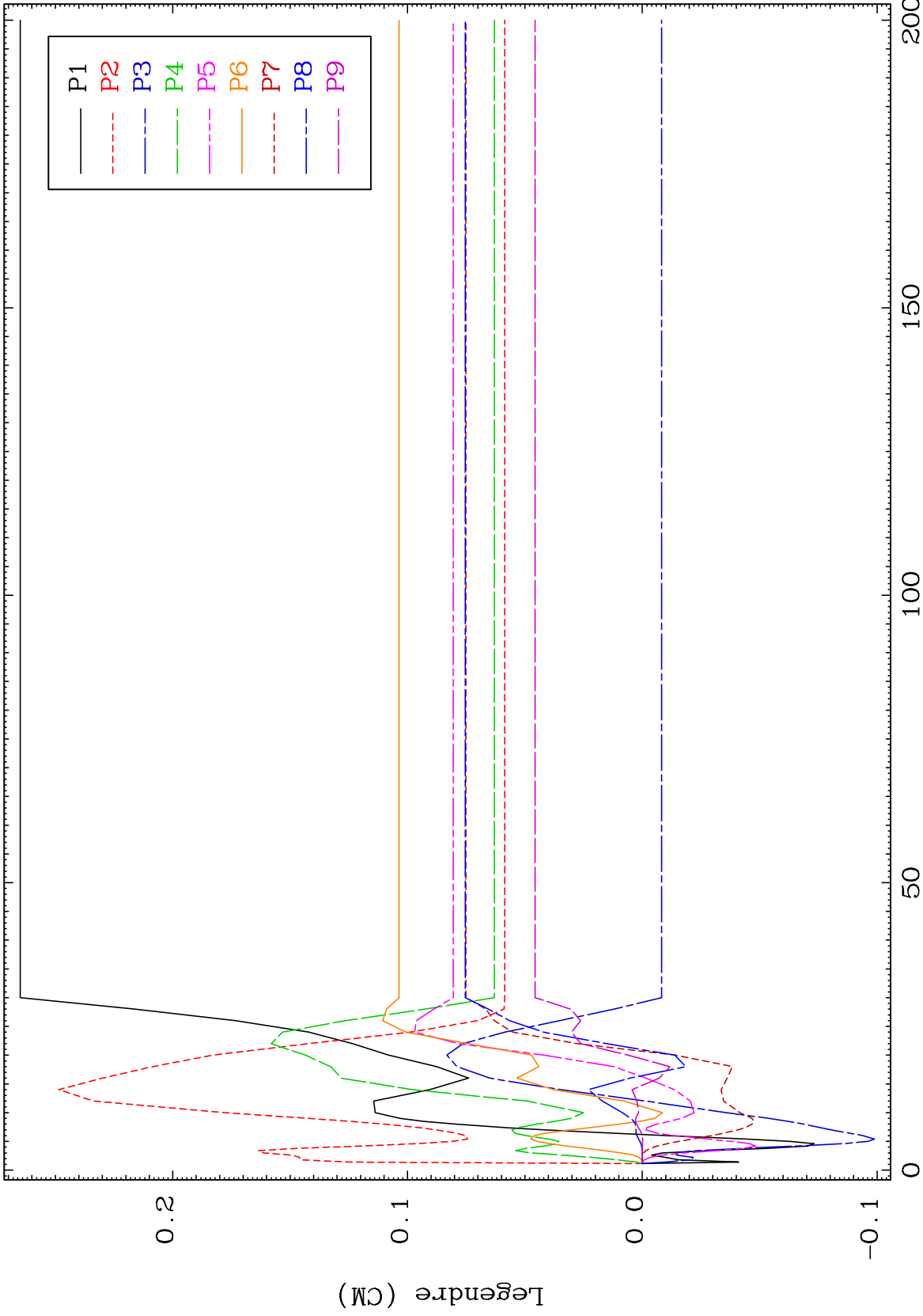
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



23

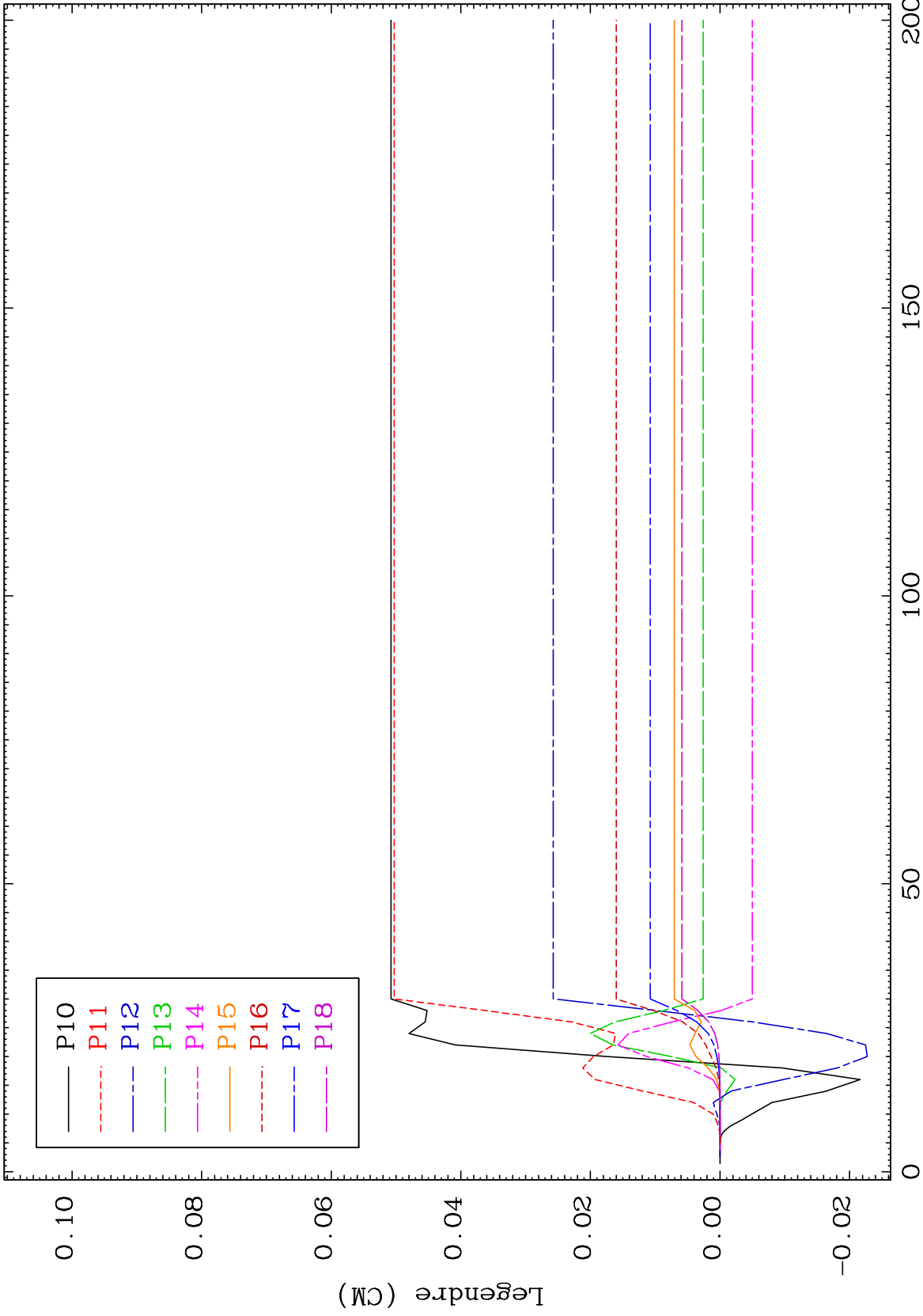
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



24

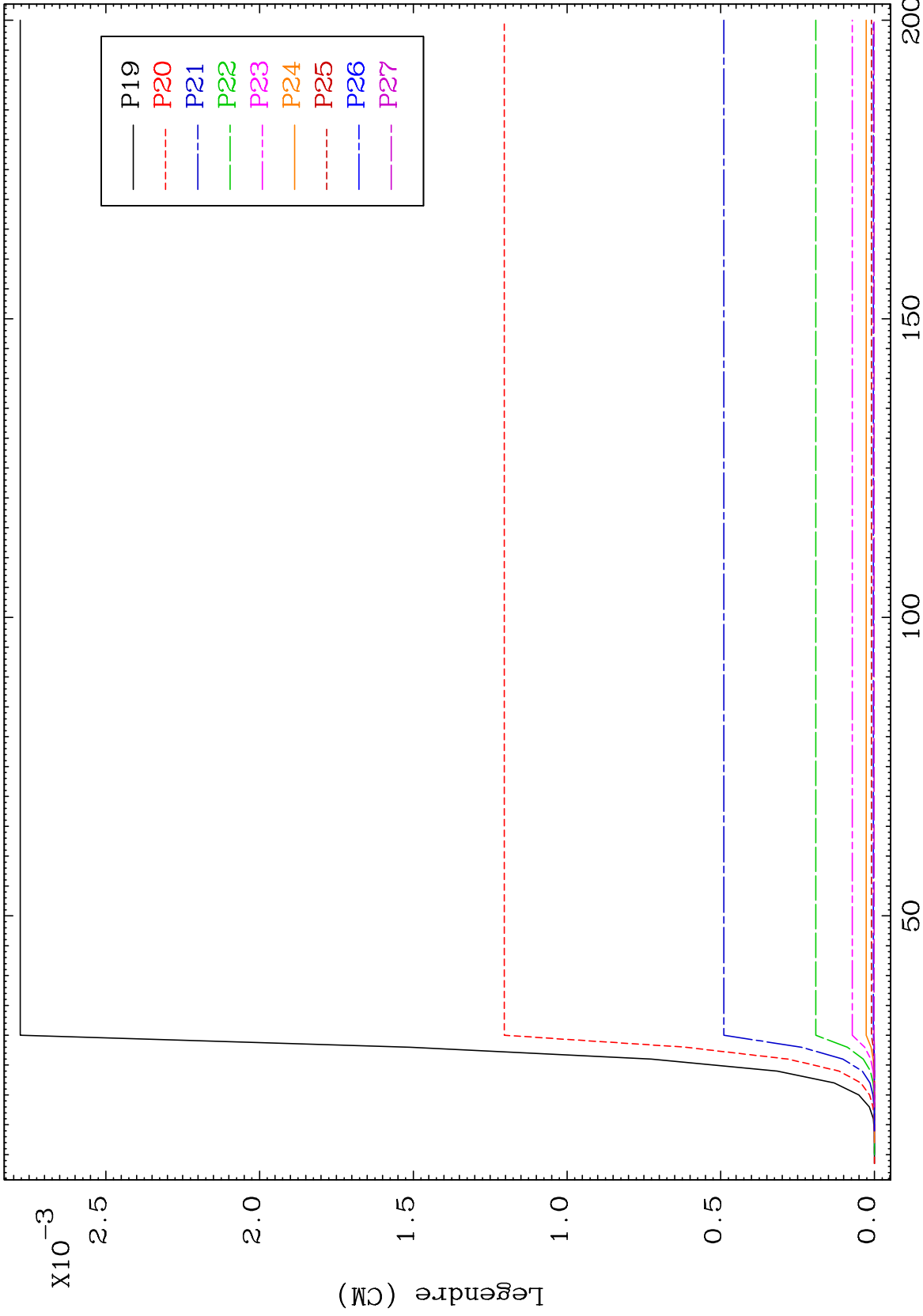
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



25

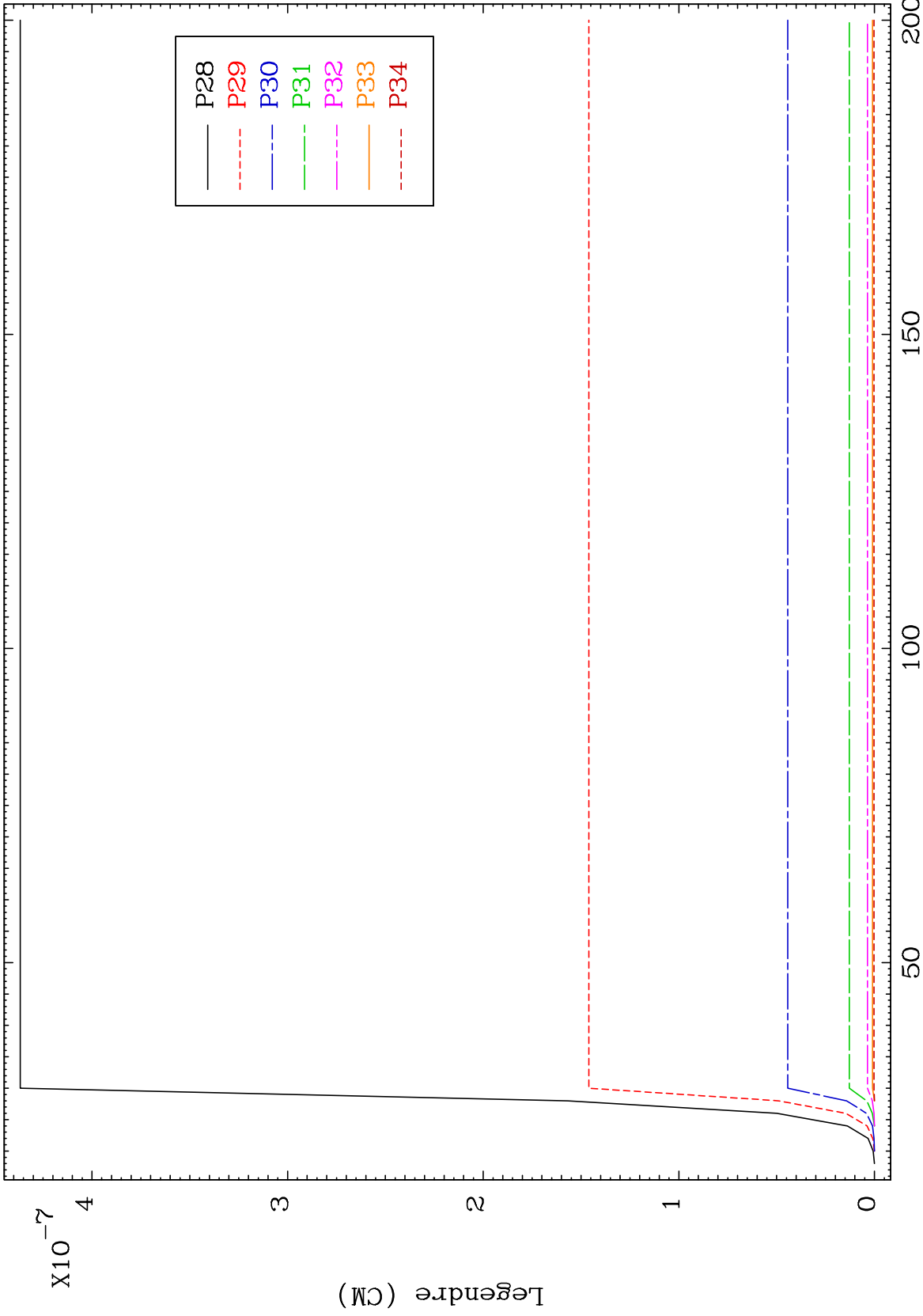
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



26

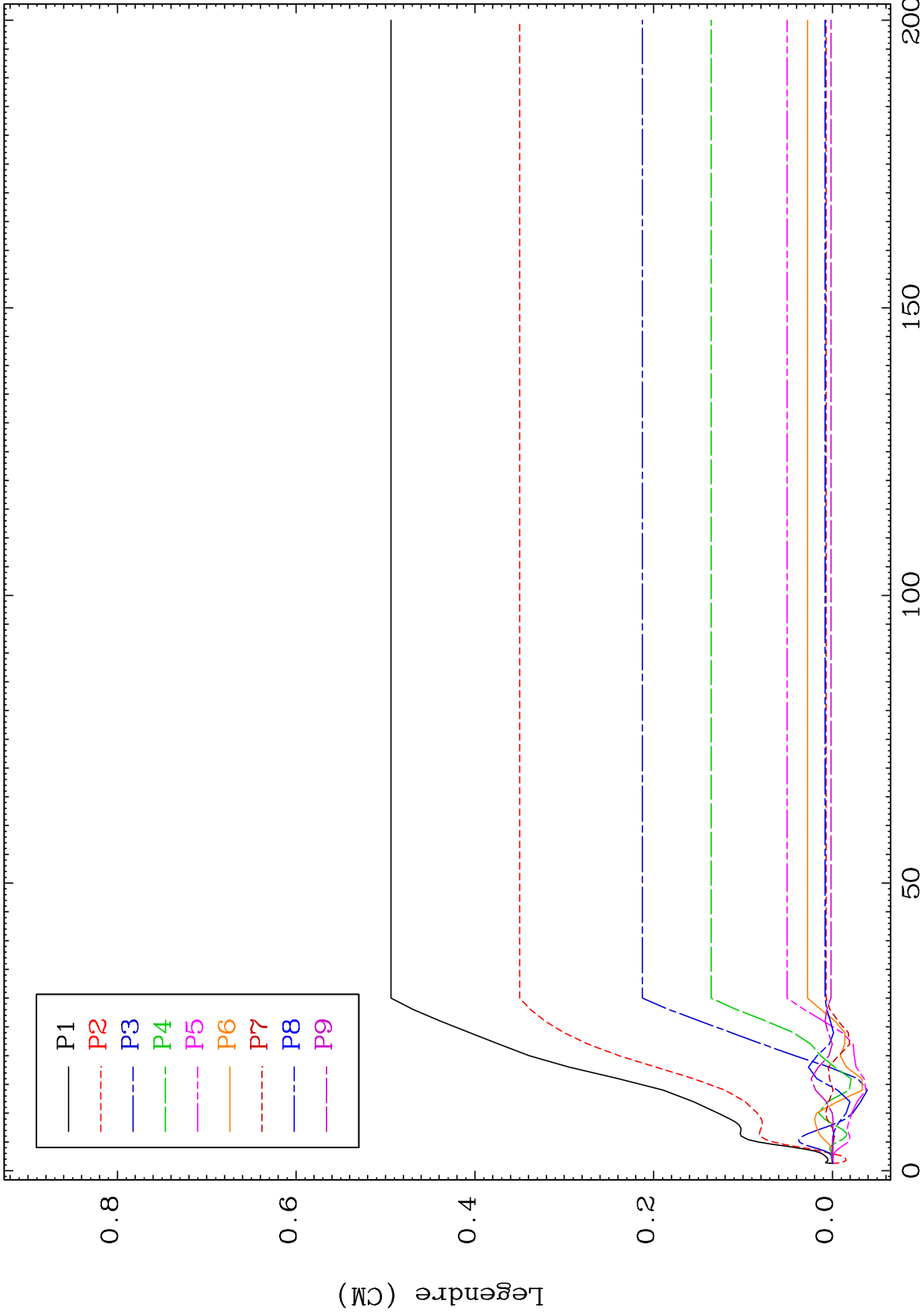
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



27

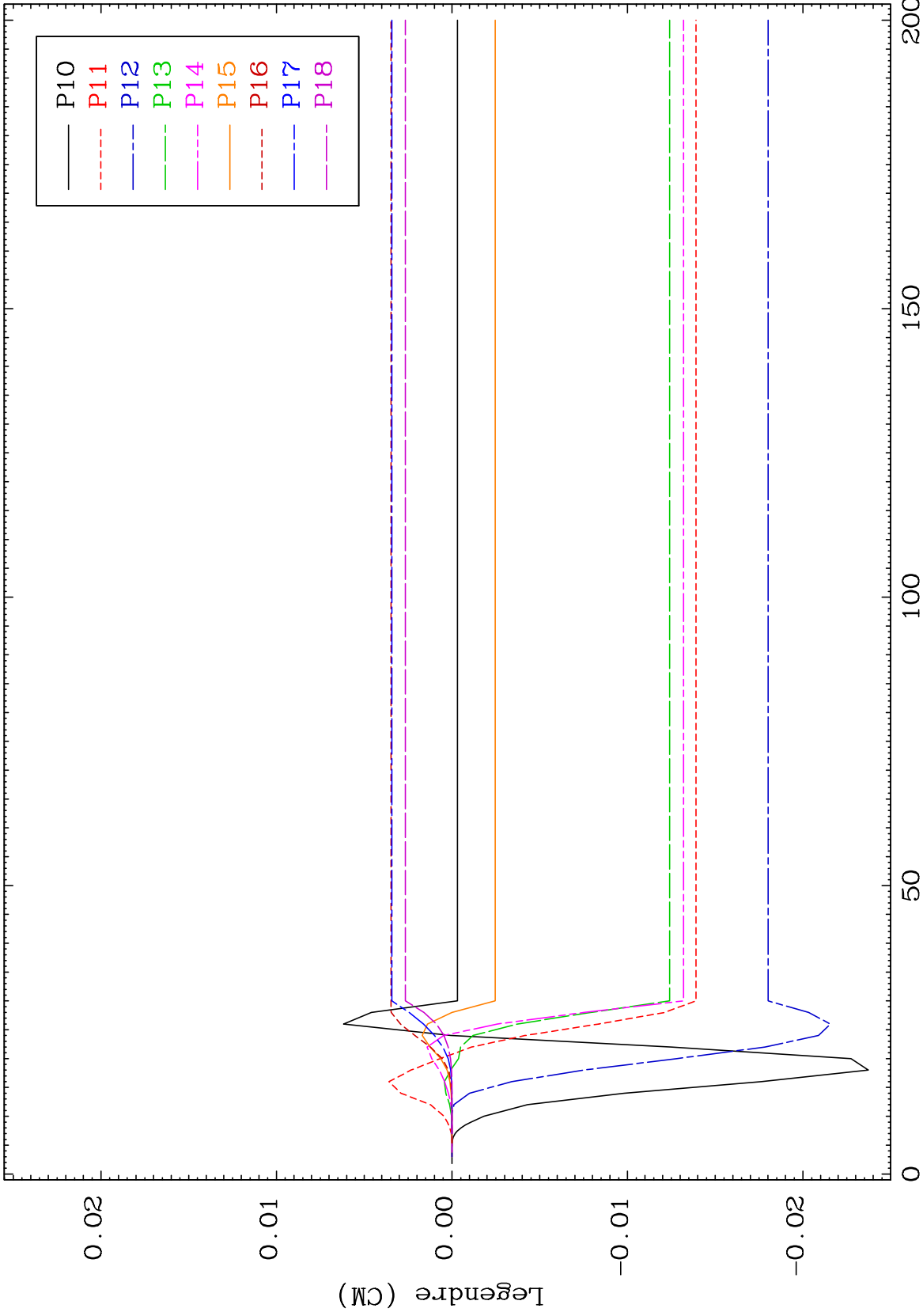
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



28

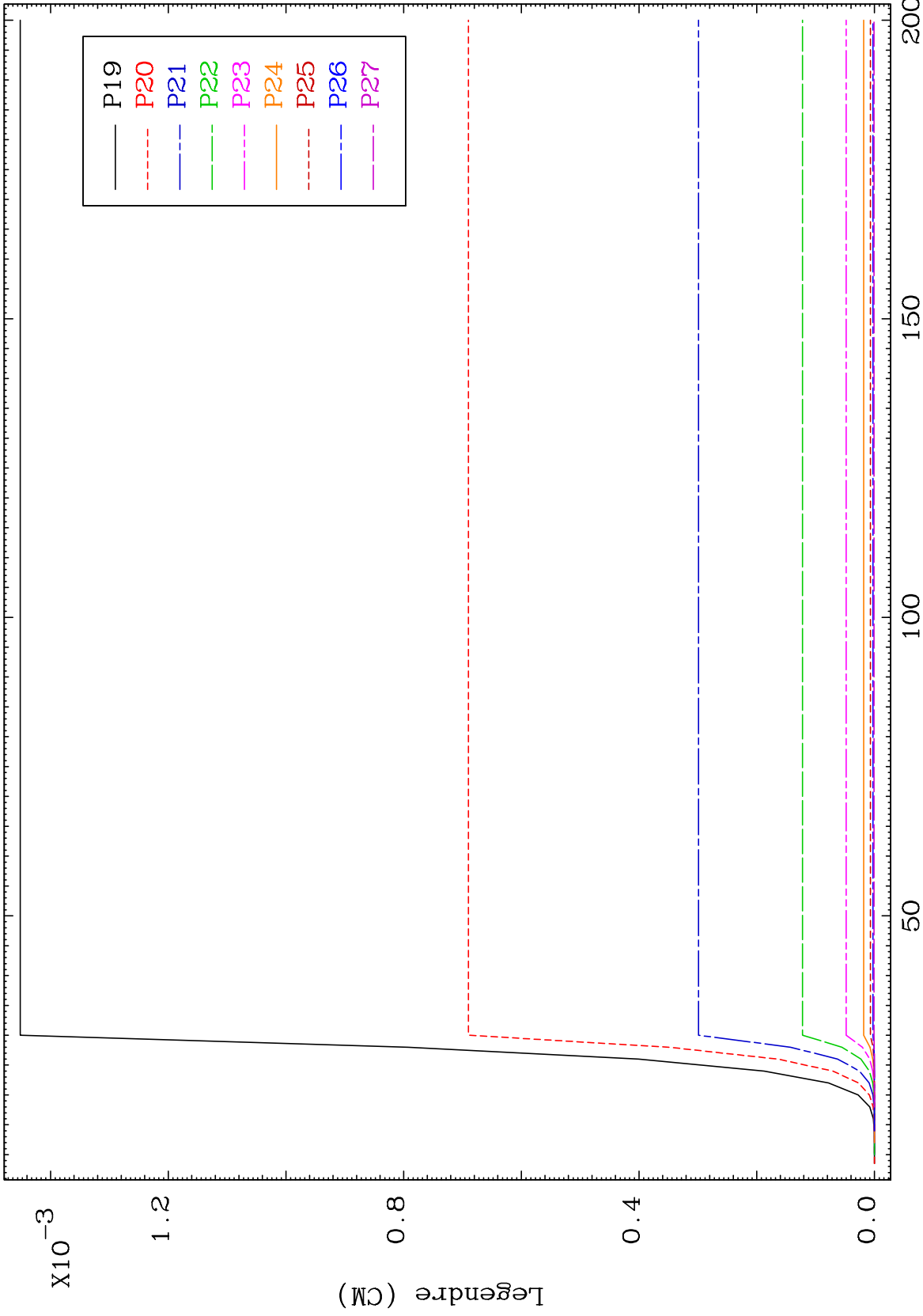
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



29

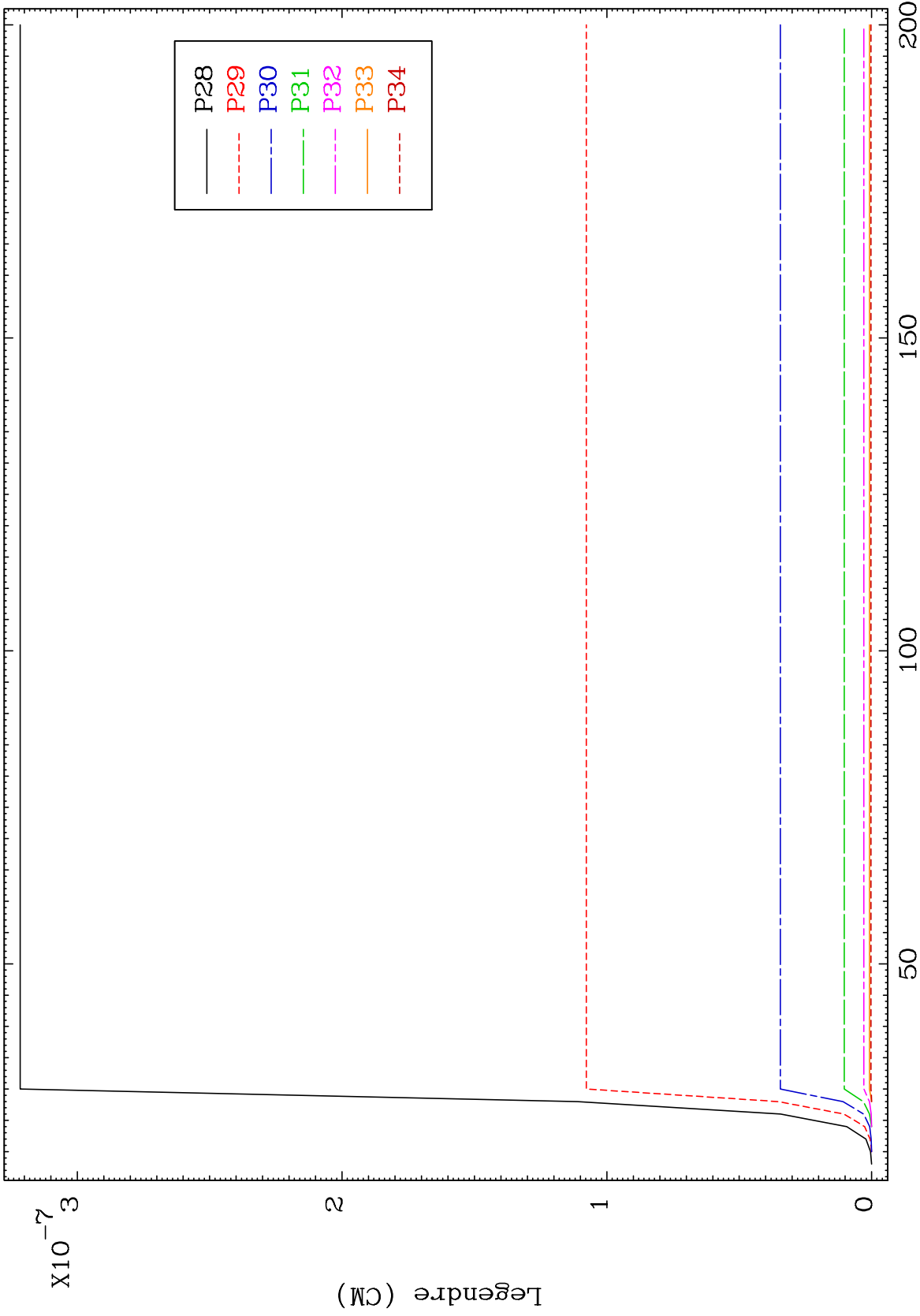
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



30

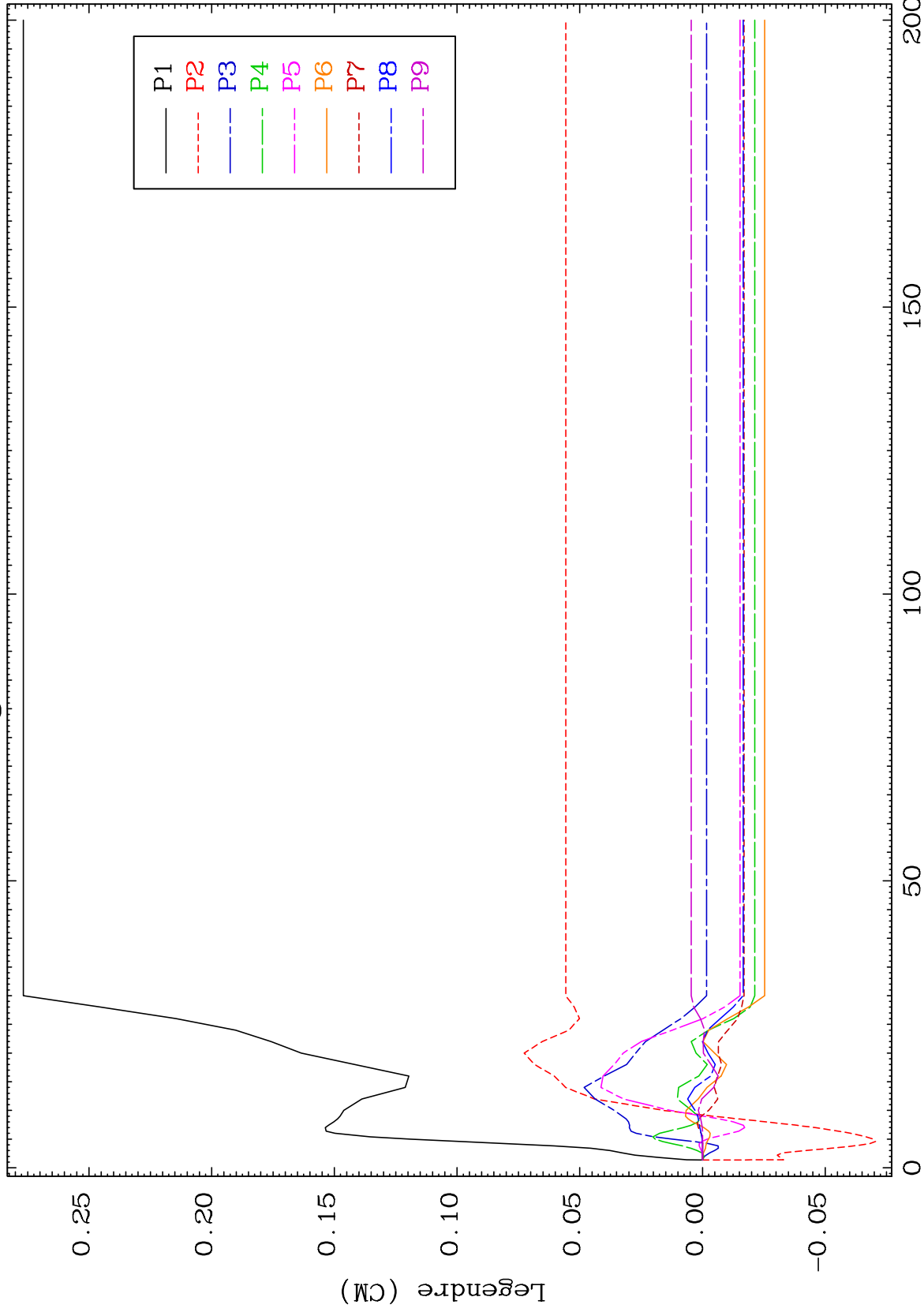
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



31

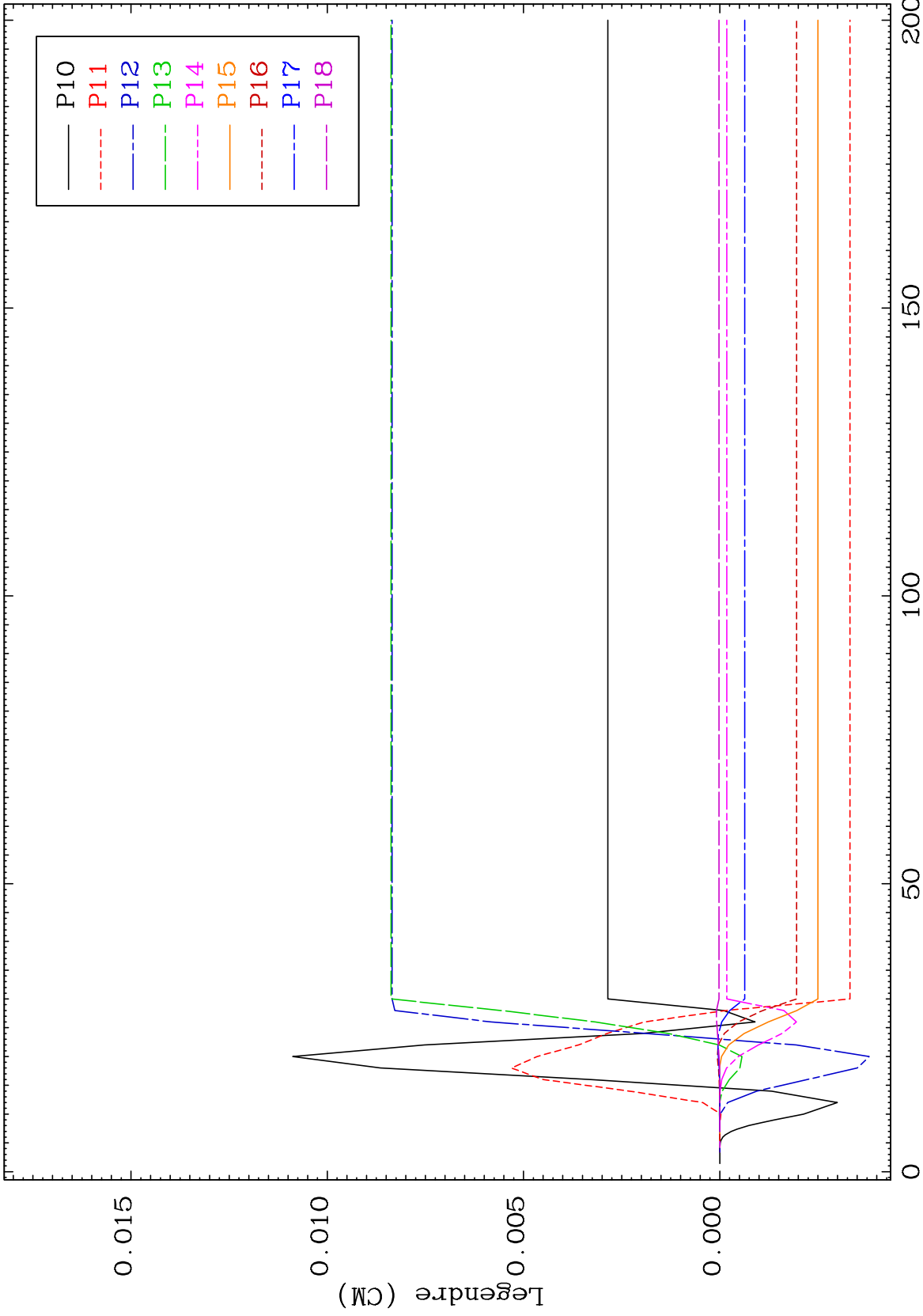
Incident Energy (MeV)

34-Se-76

MAT 3431

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

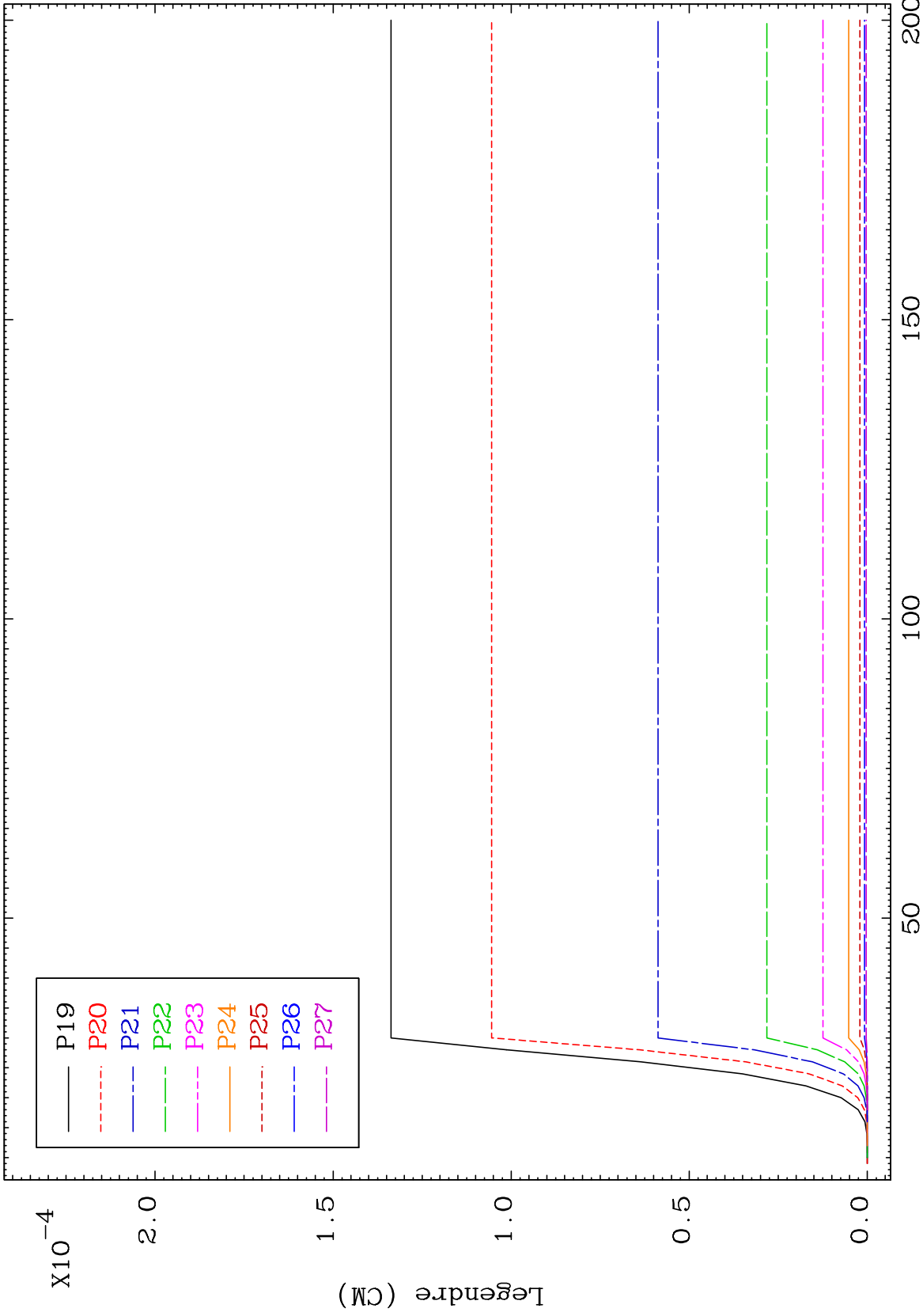
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32

34-Se-76

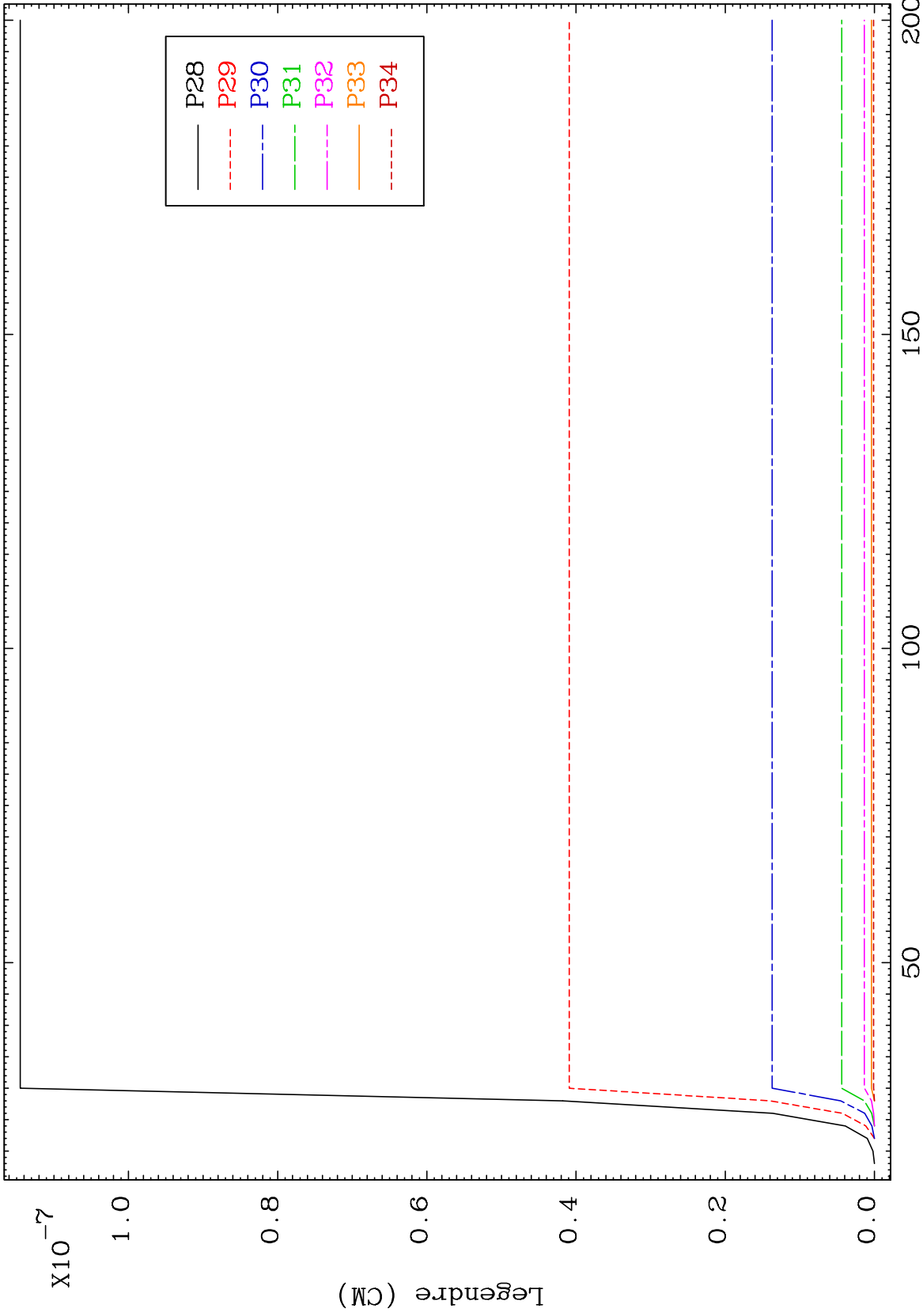
34-Se-76



MAT 3431

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

34-Se-76

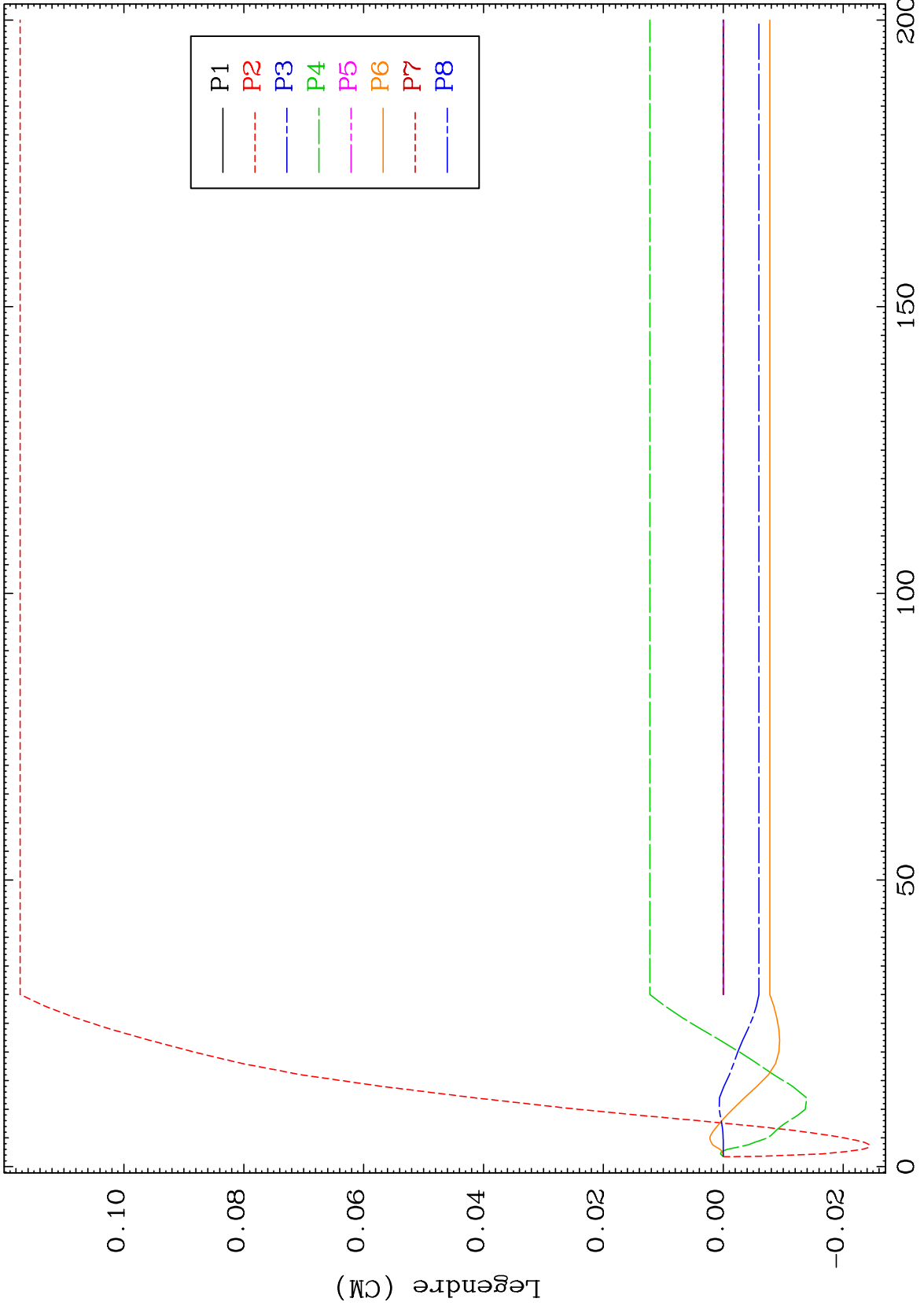


34

Incident Energy (MeV)

34-Se-76

MAT 3431 MT= 55 (n,n') Level Legendre Coefficients 34-Se-76

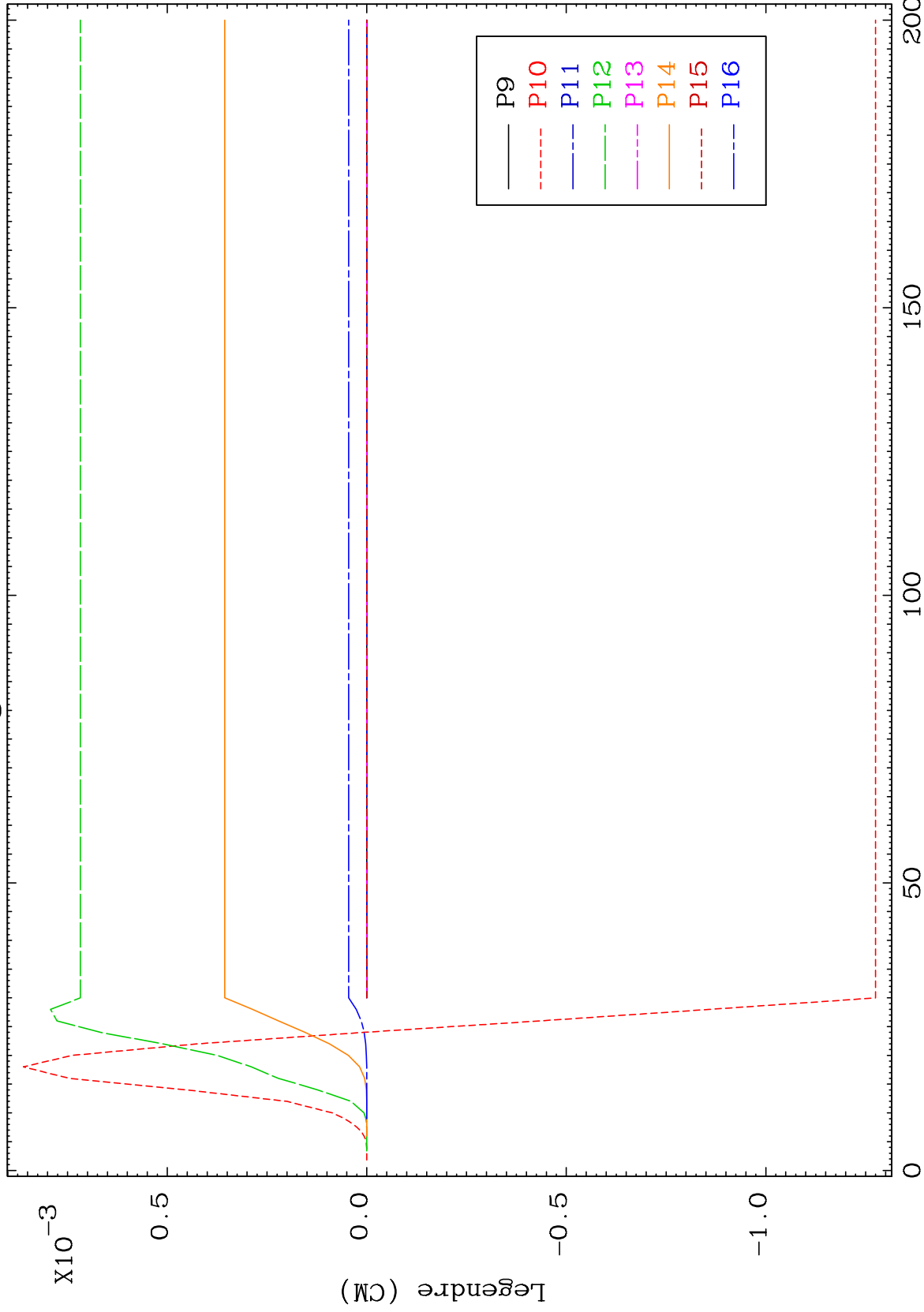


34-Se-76

MAT 3431

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

34-Se-76



36

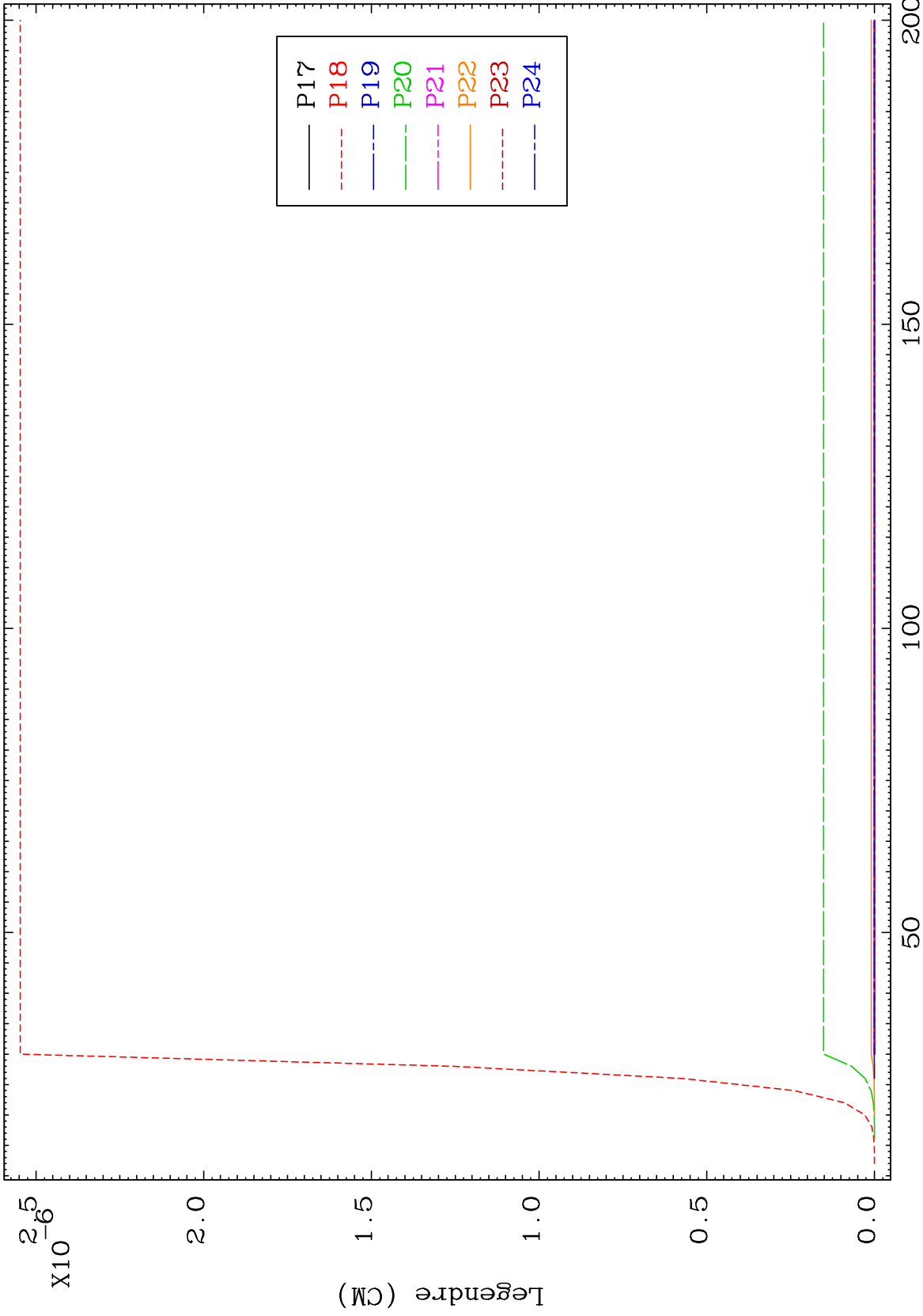
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



37

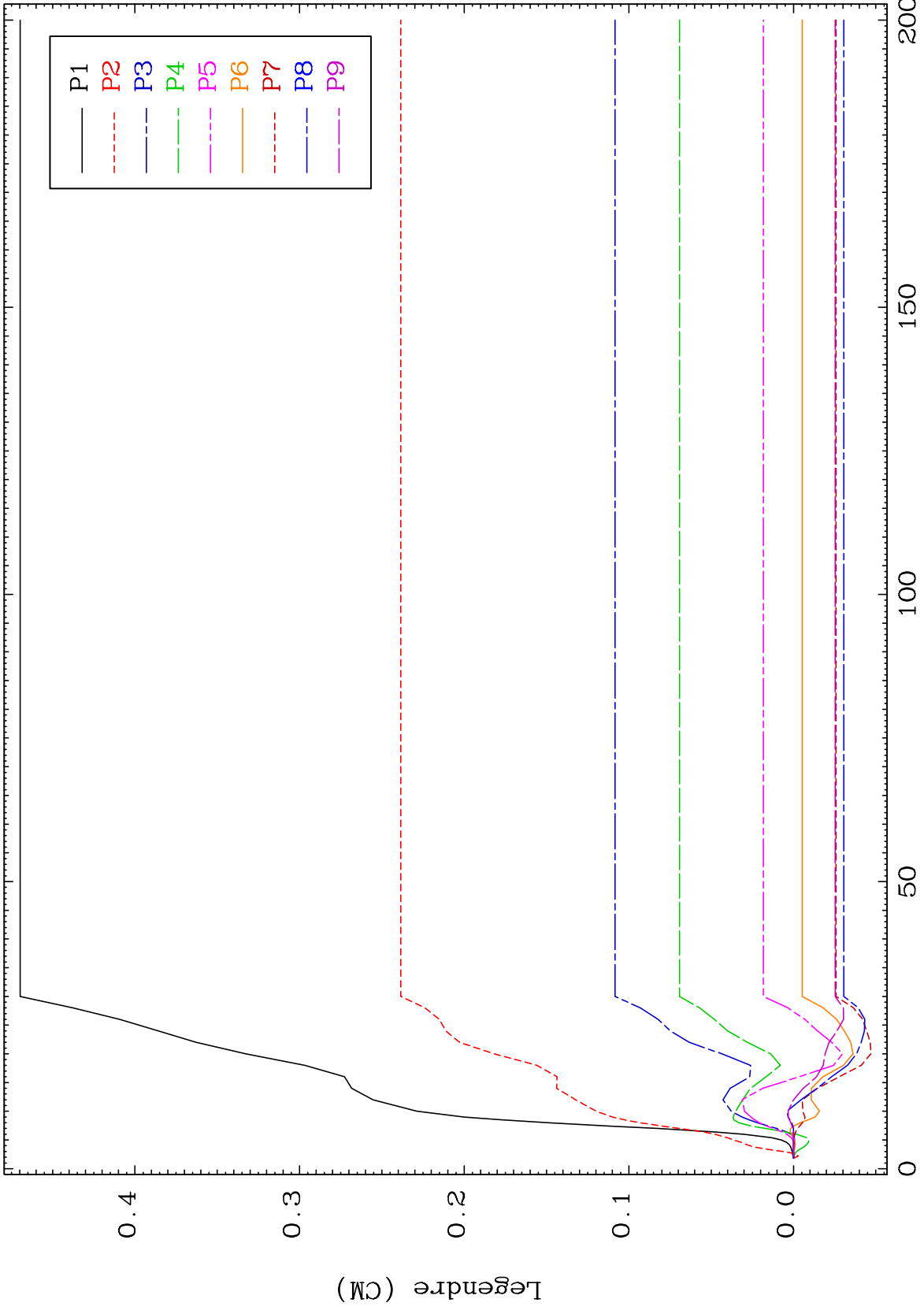
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



38

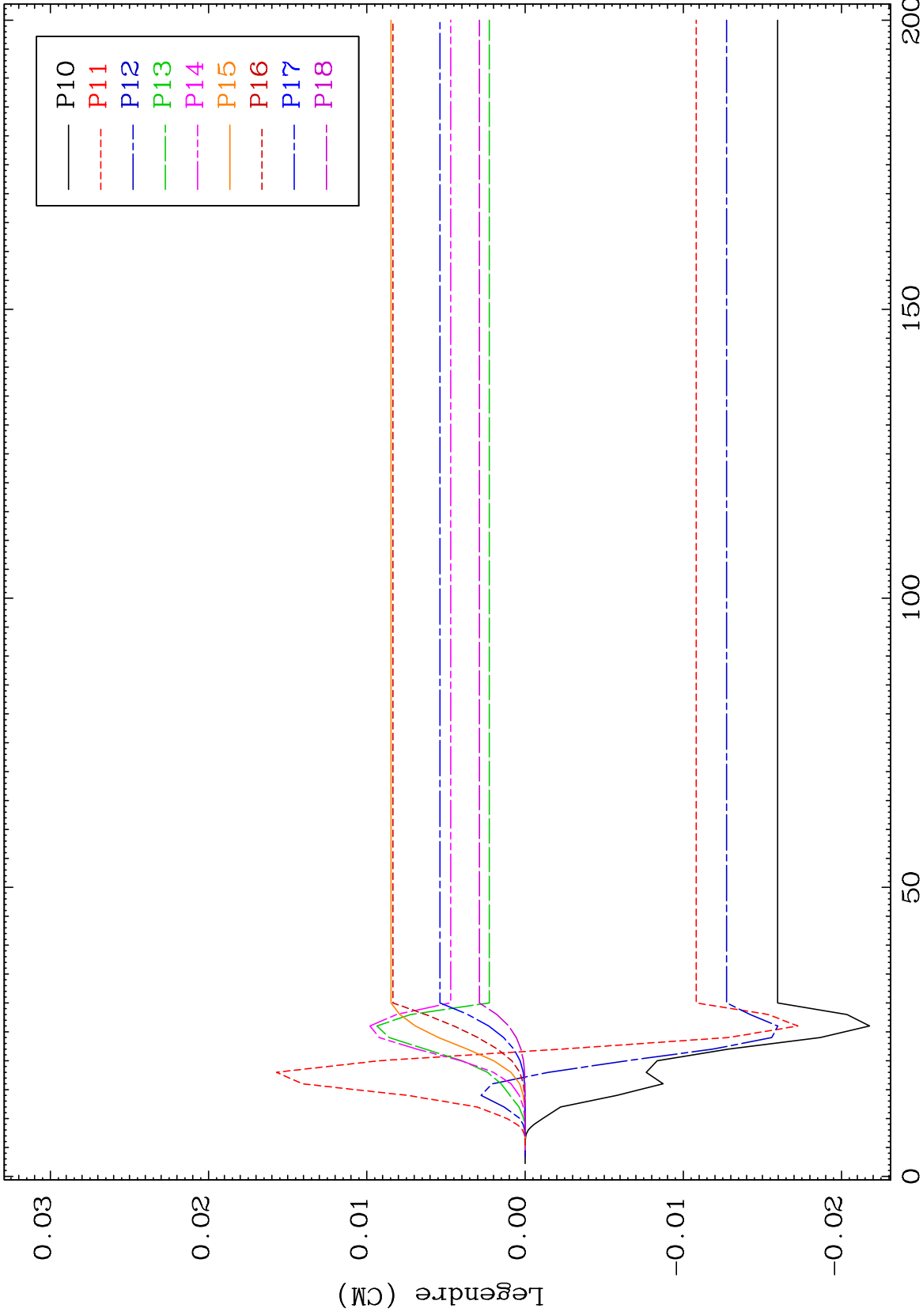
Incident Energy (MeV)

34-Se-76

MAT 3431

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

³⁴Se-76



39

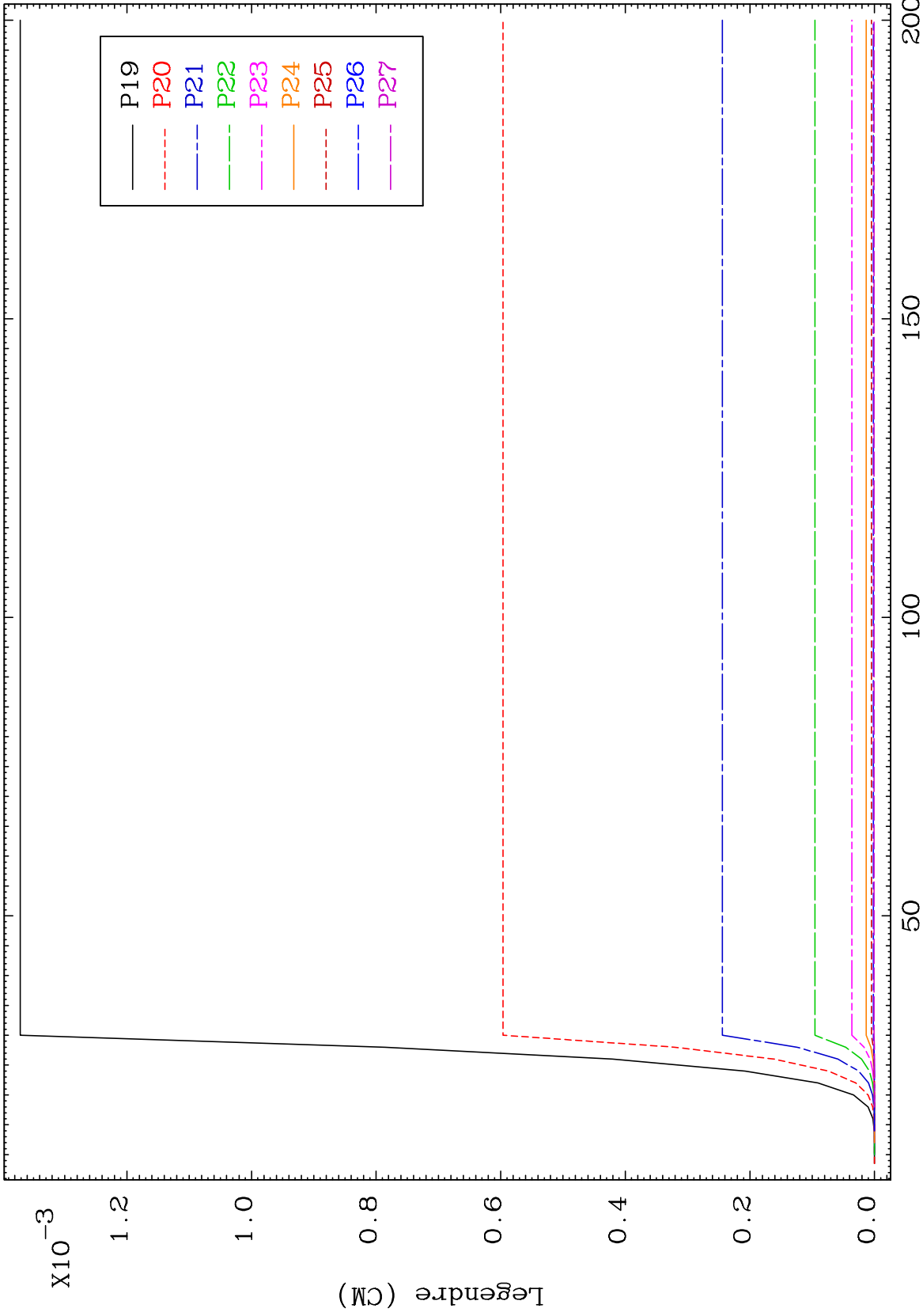
Incident Energy (MeV)

³⁴Se-76

MAT 3431

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

34-Se-76



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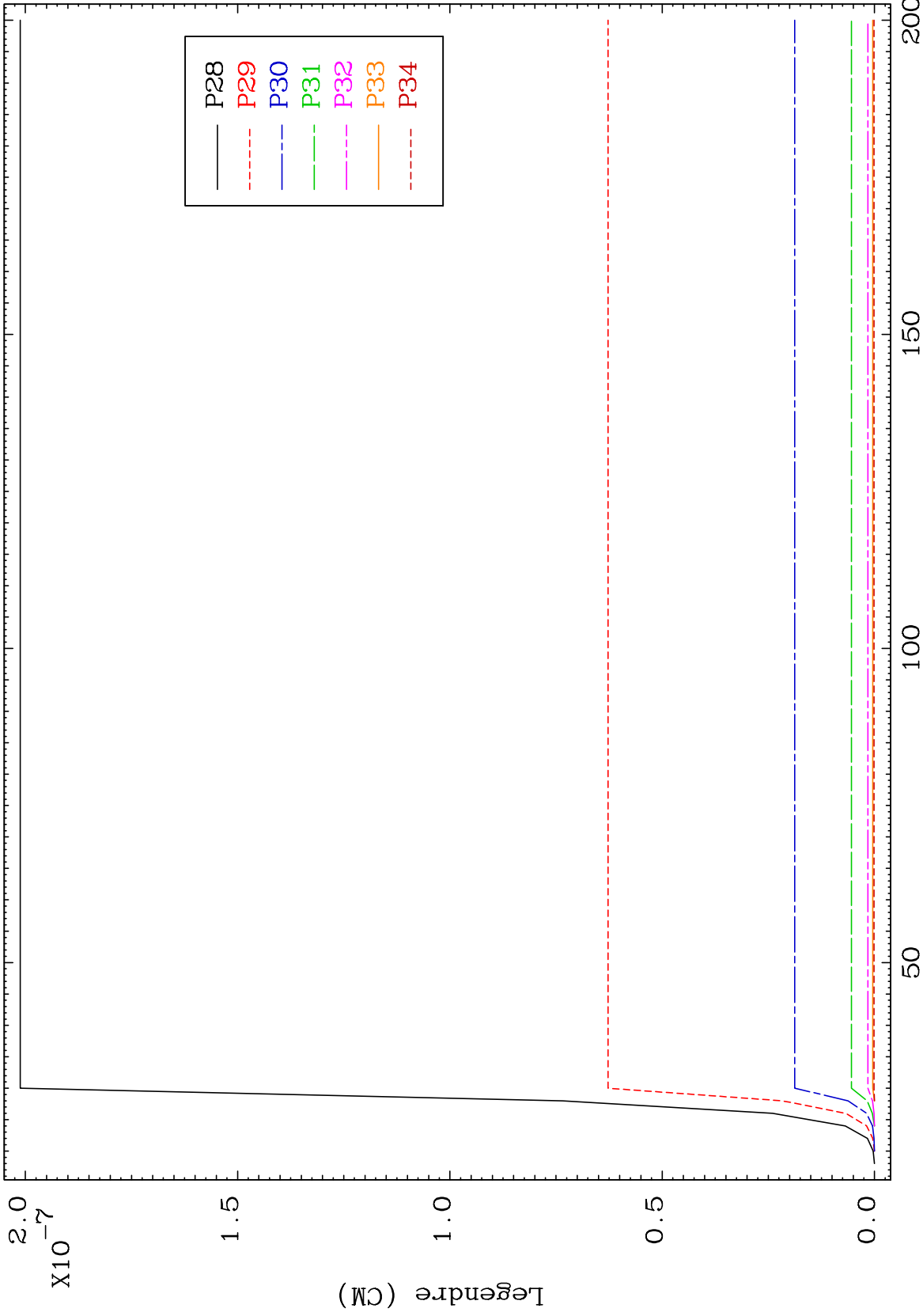
Incident Energy (MeV)

34-Se-76

MAT 3431

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

³⁴Se-76



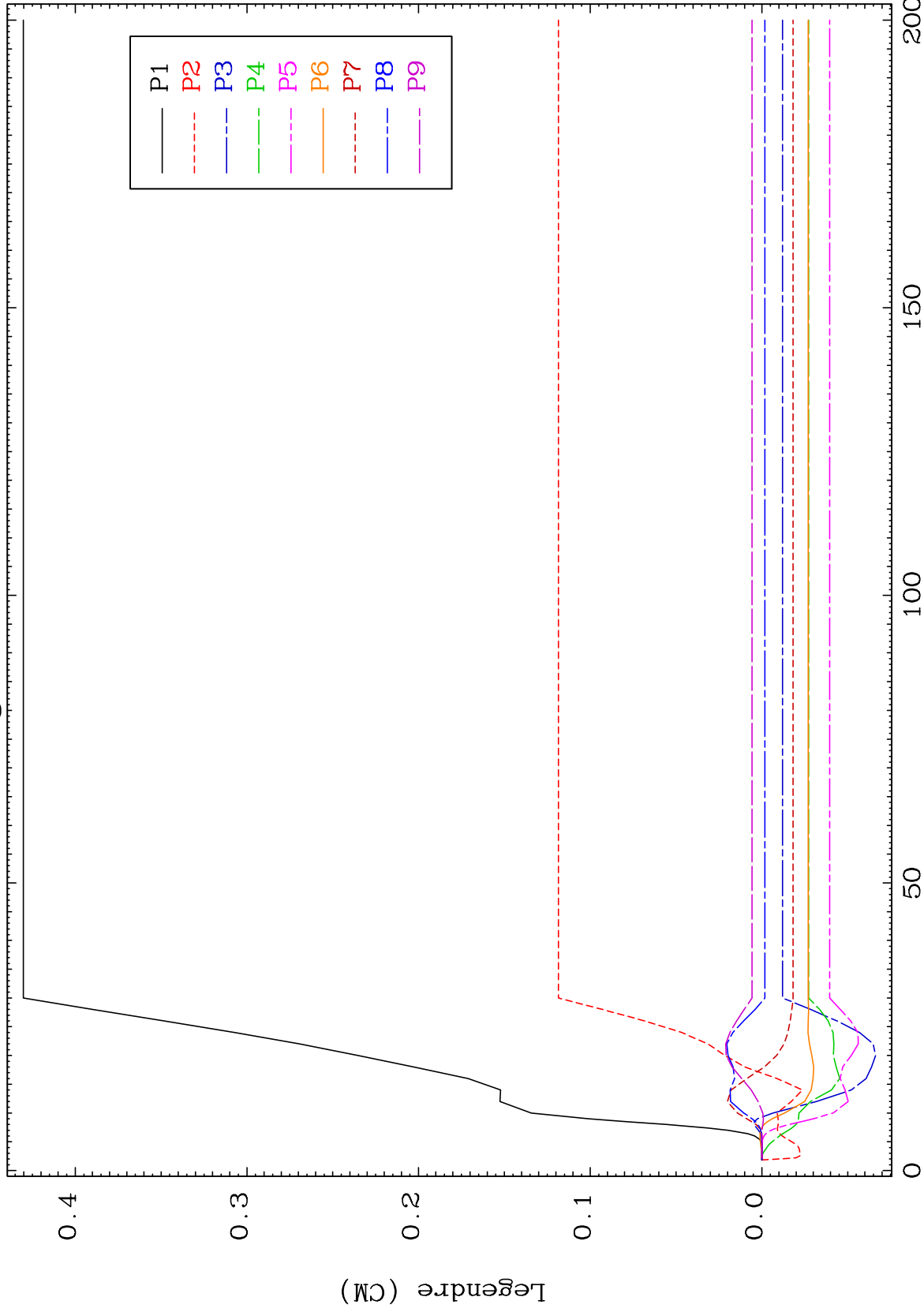
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³⁴Se-76

MAT 3431

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

34-Se-76



42

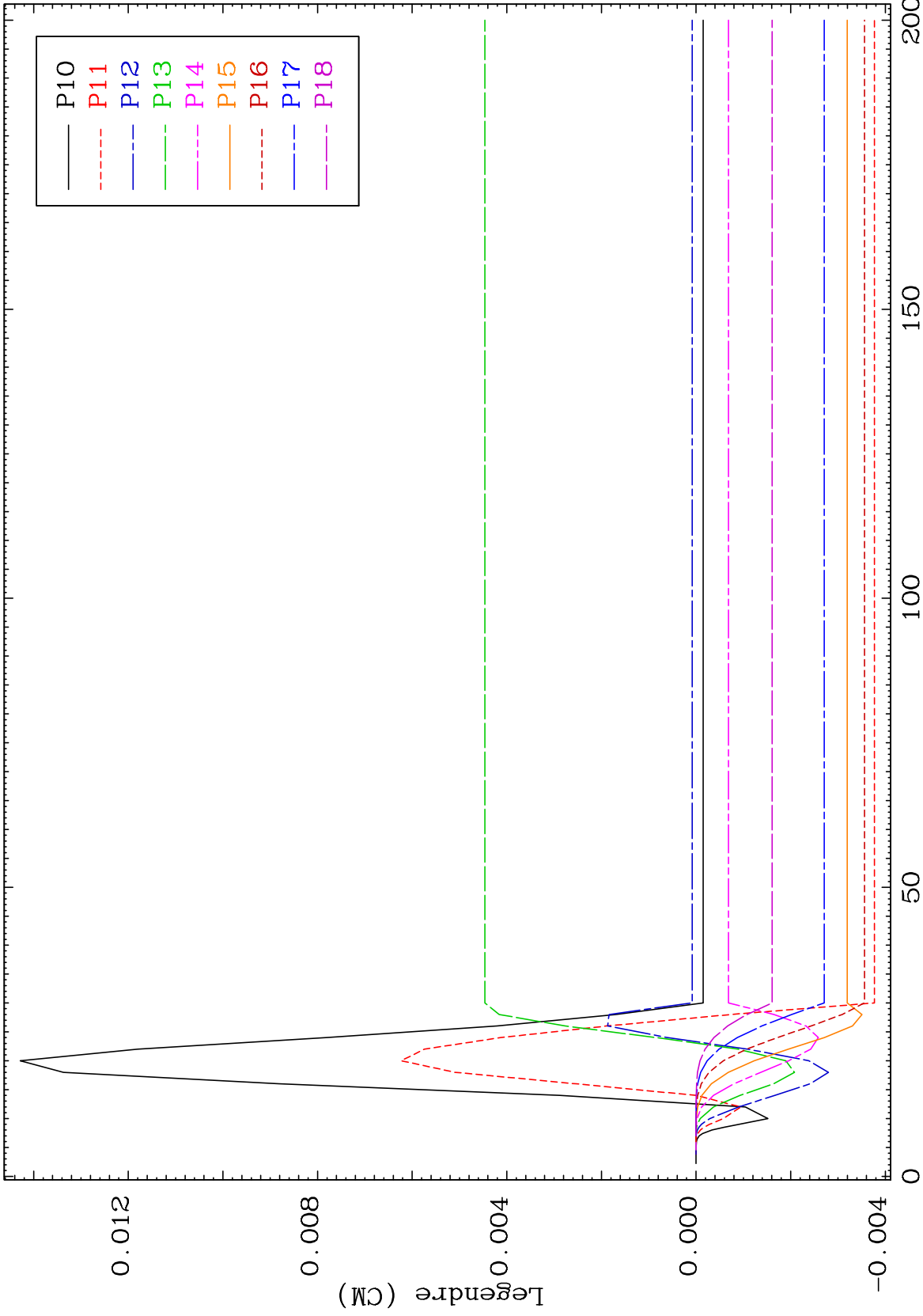
Incident Energy (MeV)

34-Se-76

MAT 3431

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

³⁴Se-76

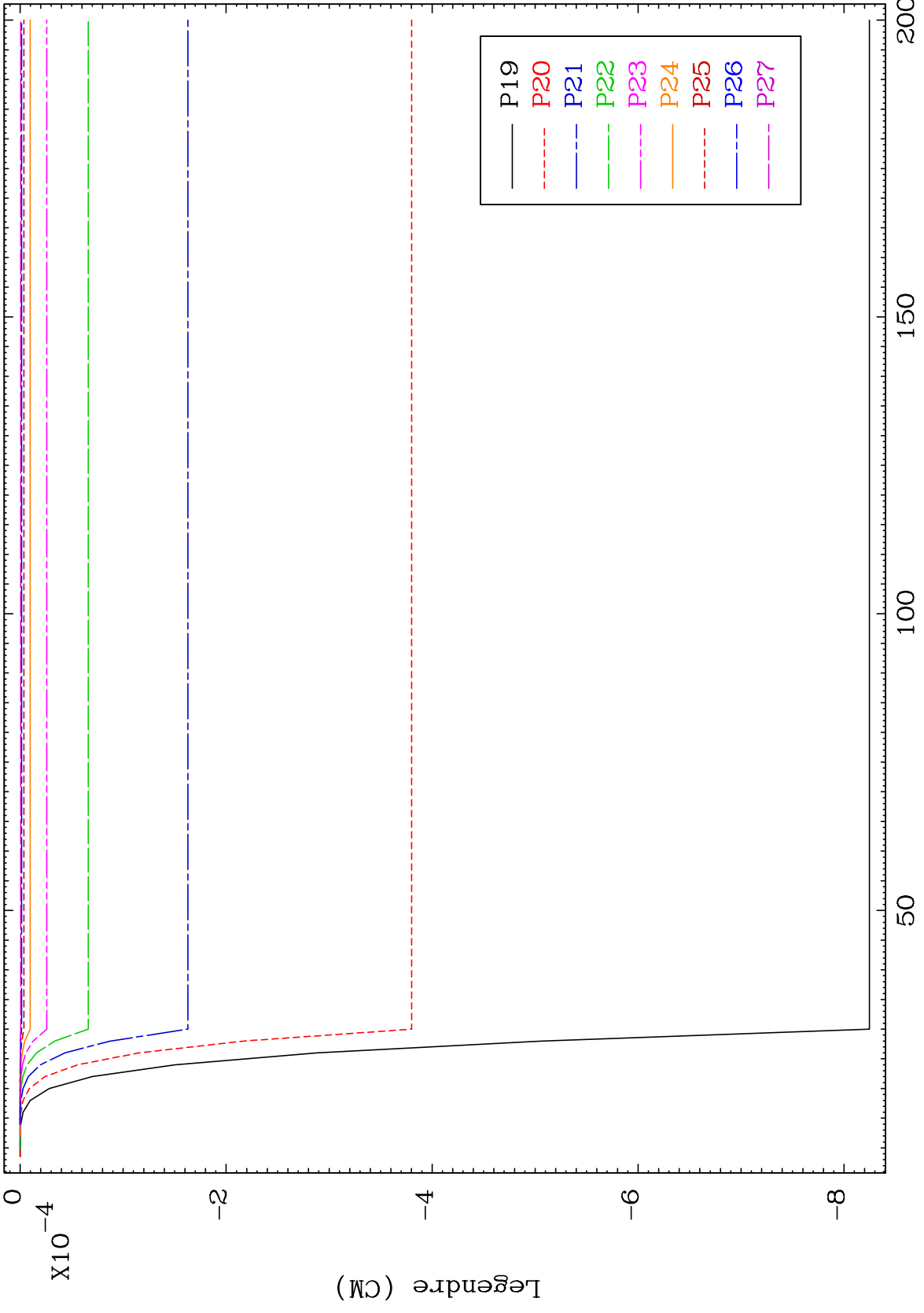


43

Incident Energy (MeV)

³⁴Se-76

MAT 3431 MT= 57 (n,n') Level Legendre Coefficients 34-Se-76

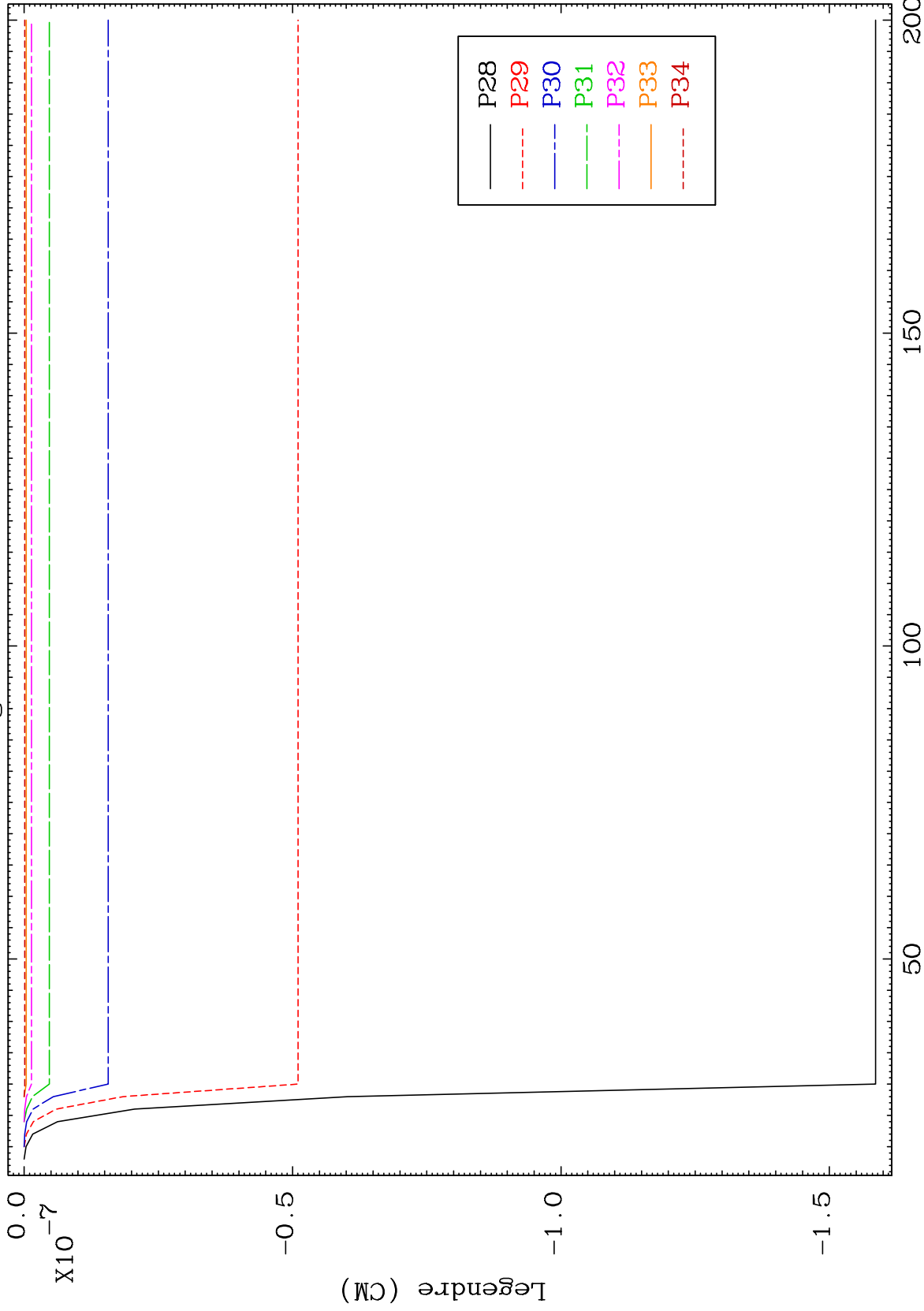


44 34-Se-76

MAT 3431

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

34-Se-76



34-Se-76

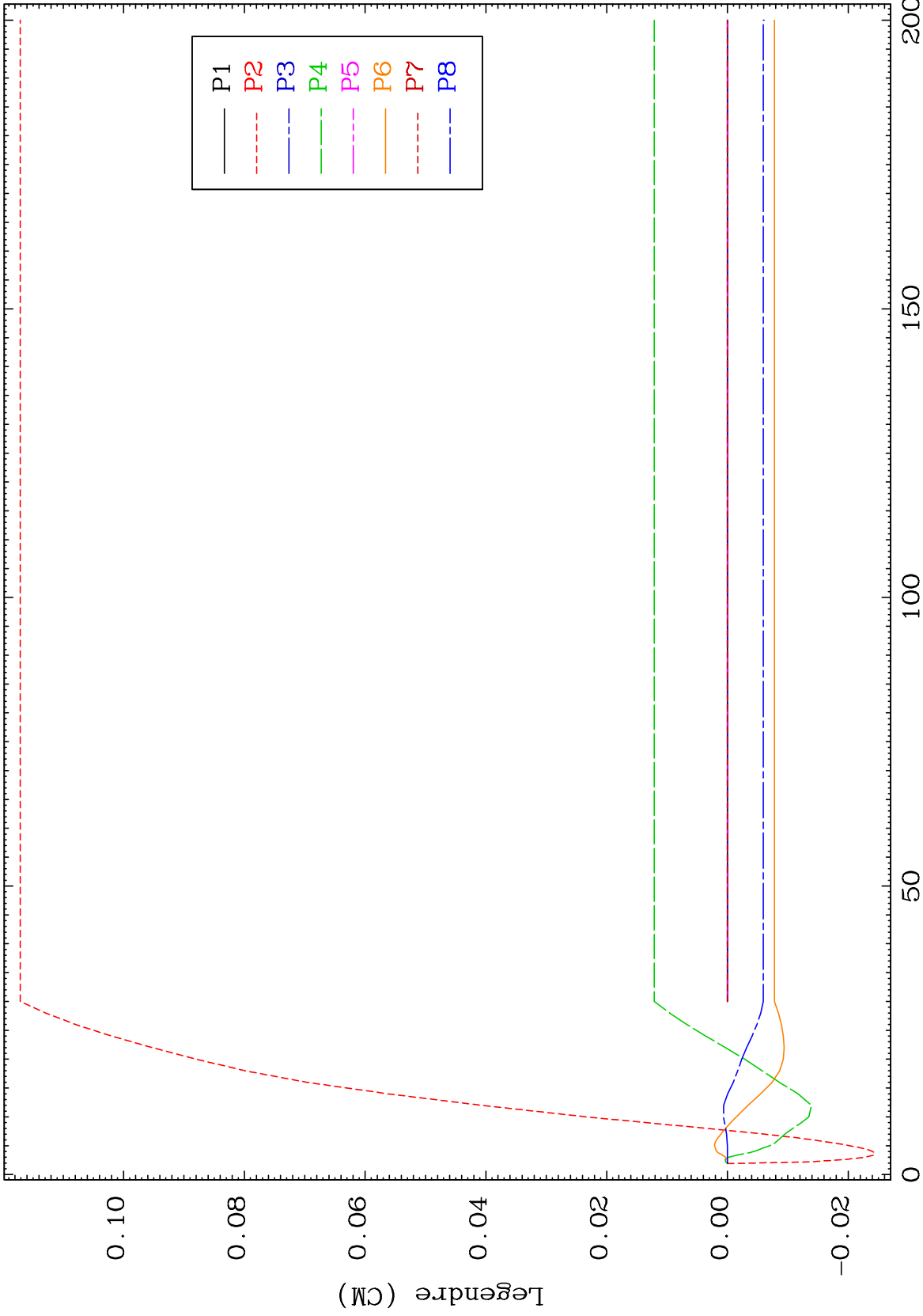
Incident Energy (MeV)

45

MAT 3431

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

34-Se-76



46

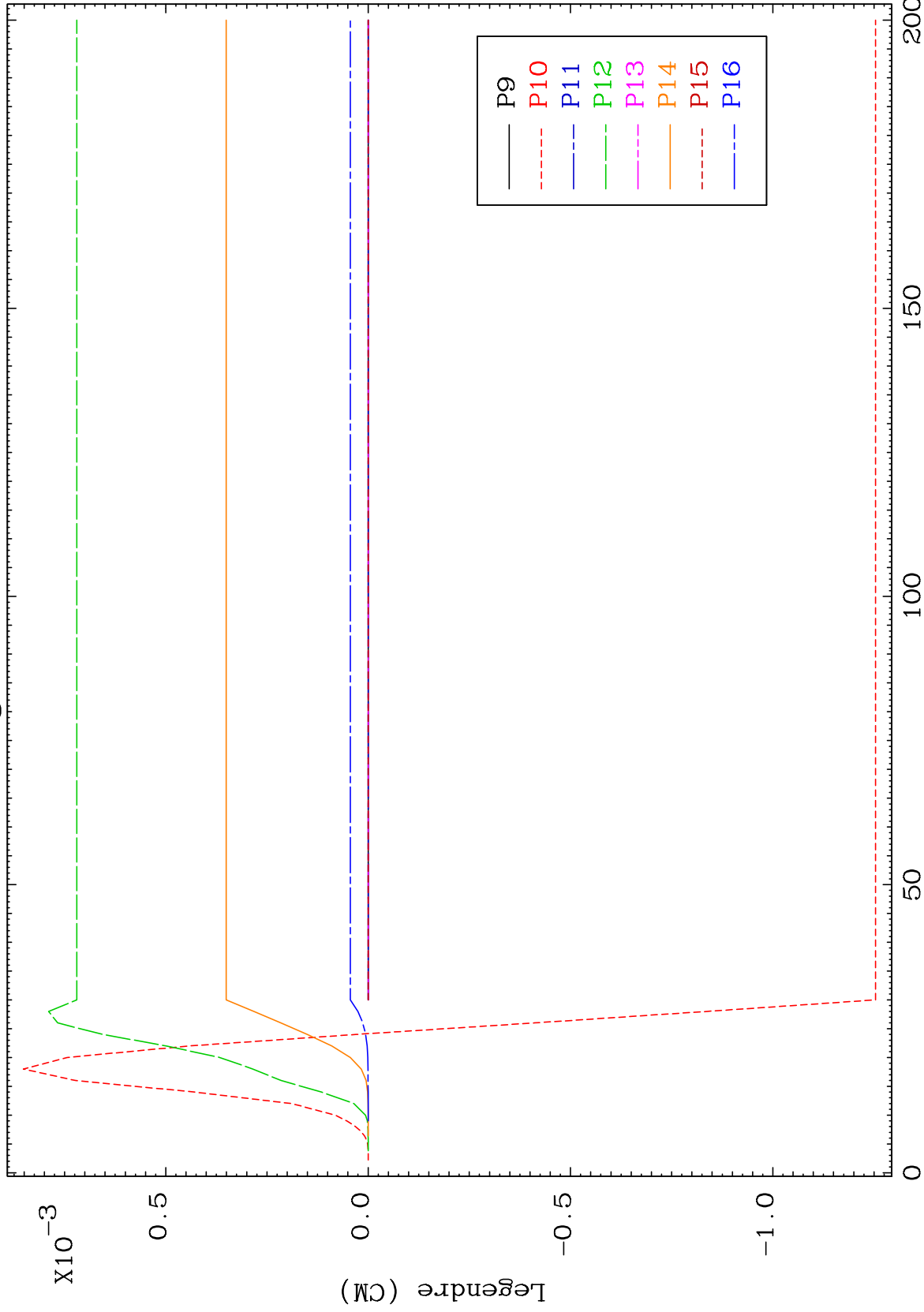
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76

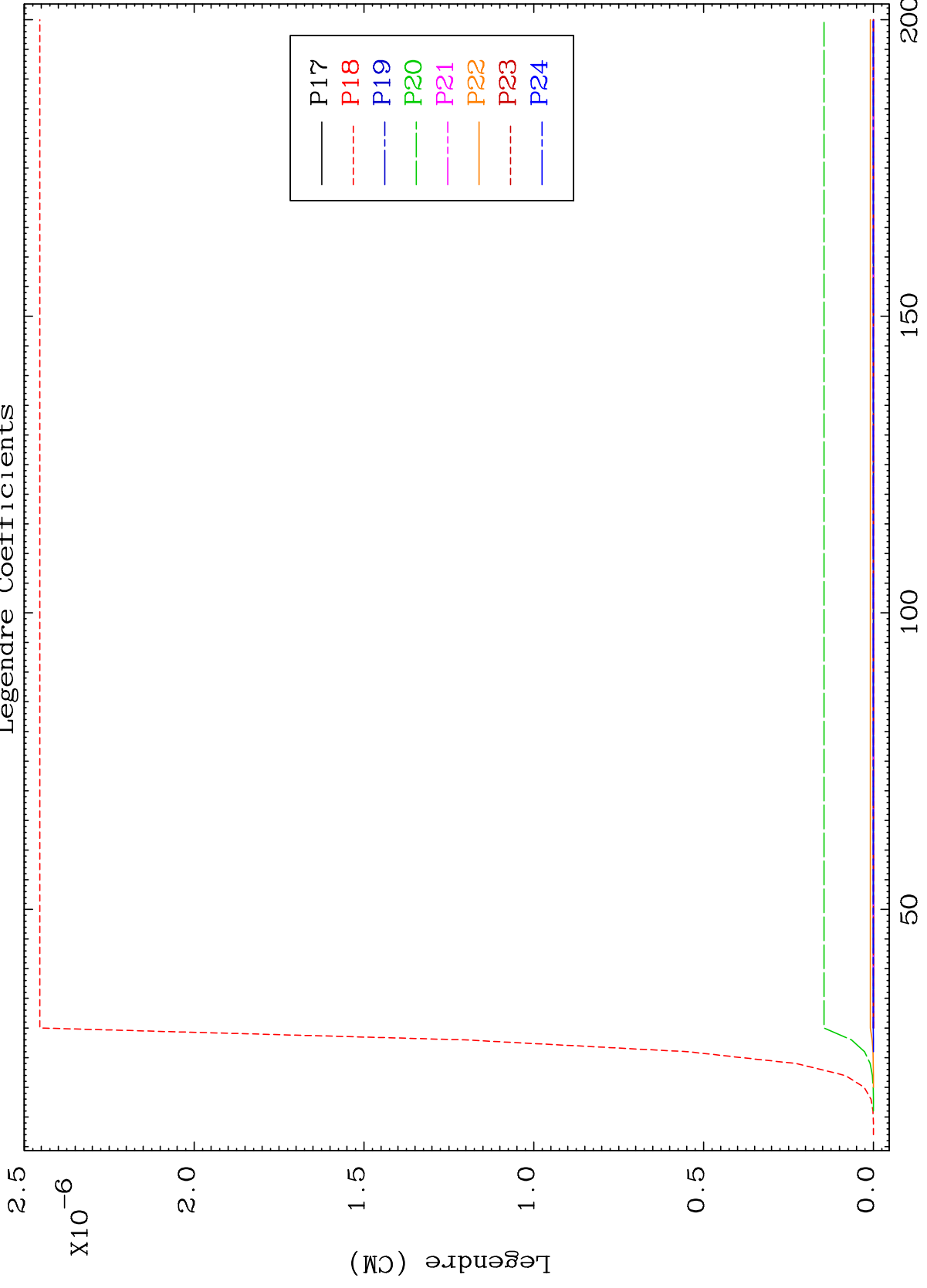


47

Incident Energy (MeV)

34-Se-76

MAT 3431 MT= 58 (n,n') Level Legendre Coefficients 34-Se-76

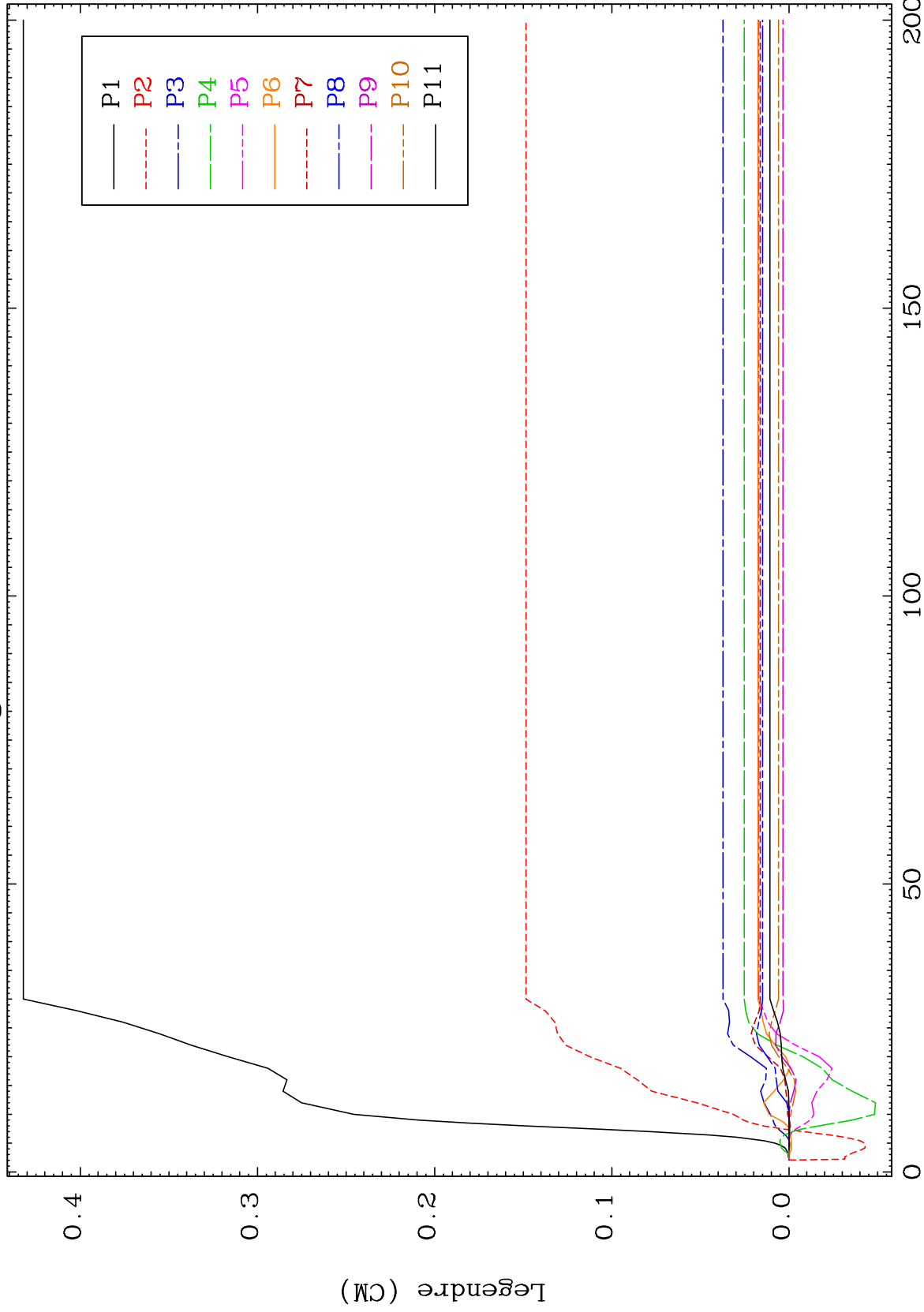


48 Incident Energy (MeV) 34-Se-76

MAT 3431

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

34-Se-76



49

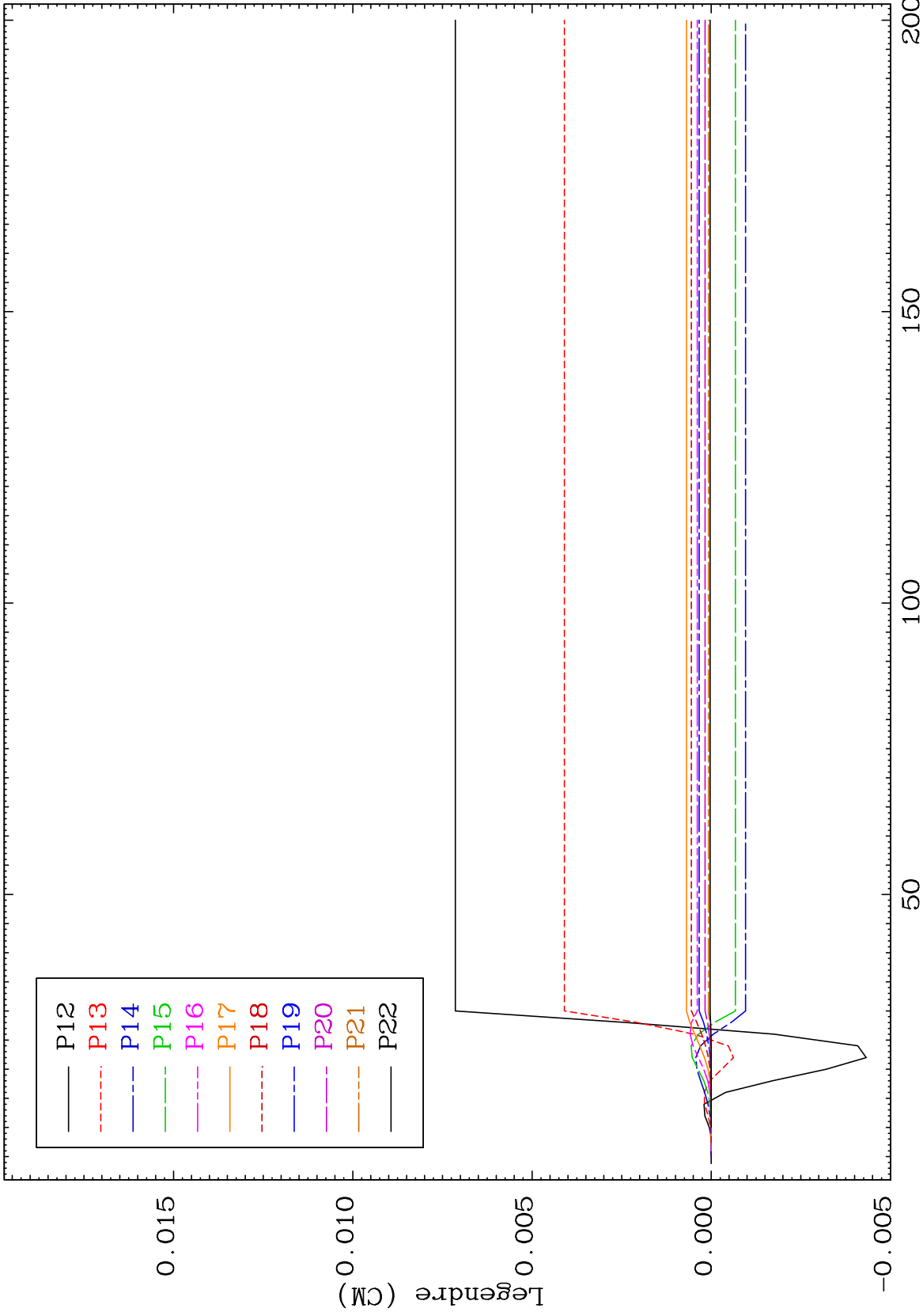
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



50

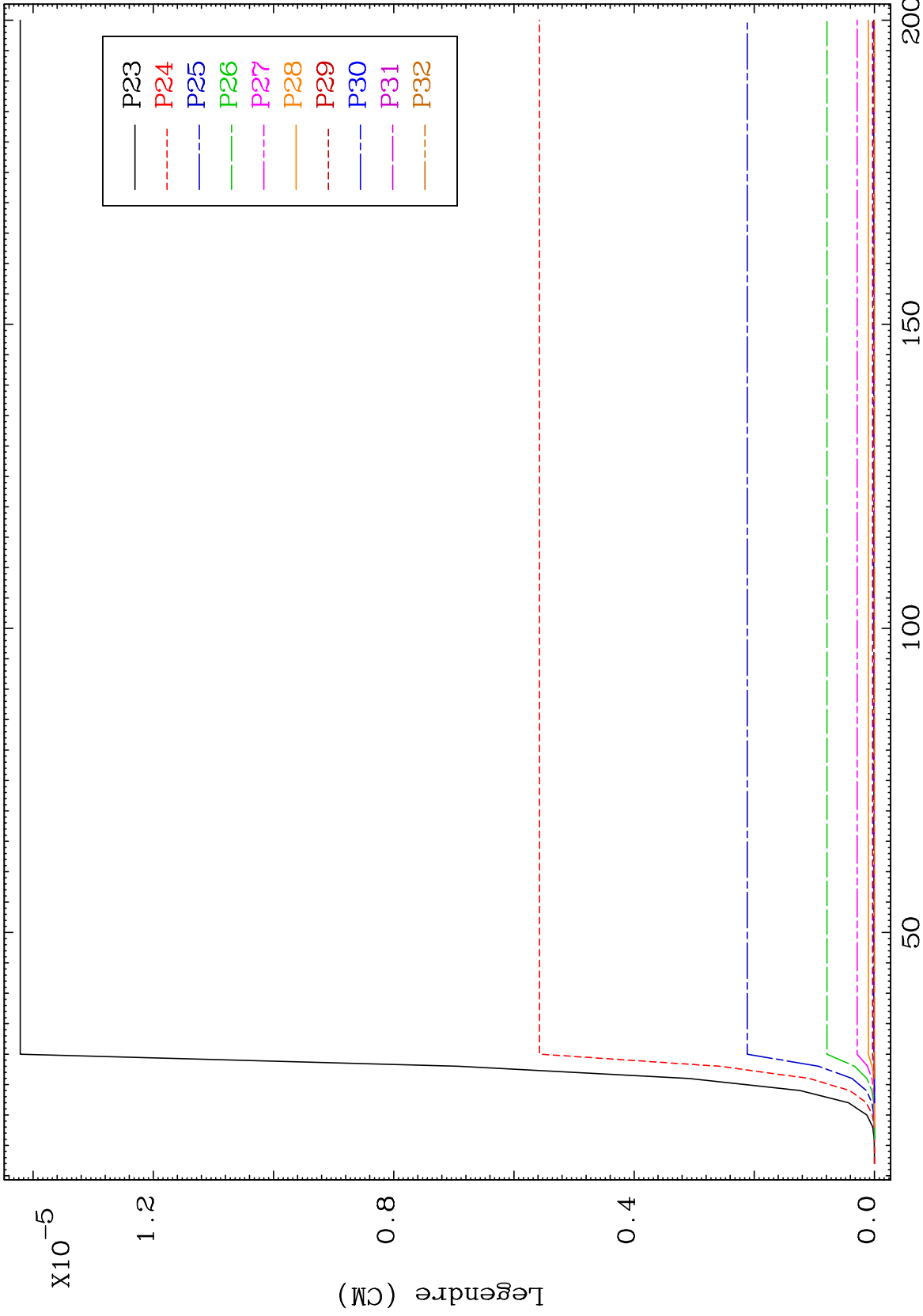
Incident Energy (MeV)

34-Se-76

MAT 3431

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

³⁴Se-76



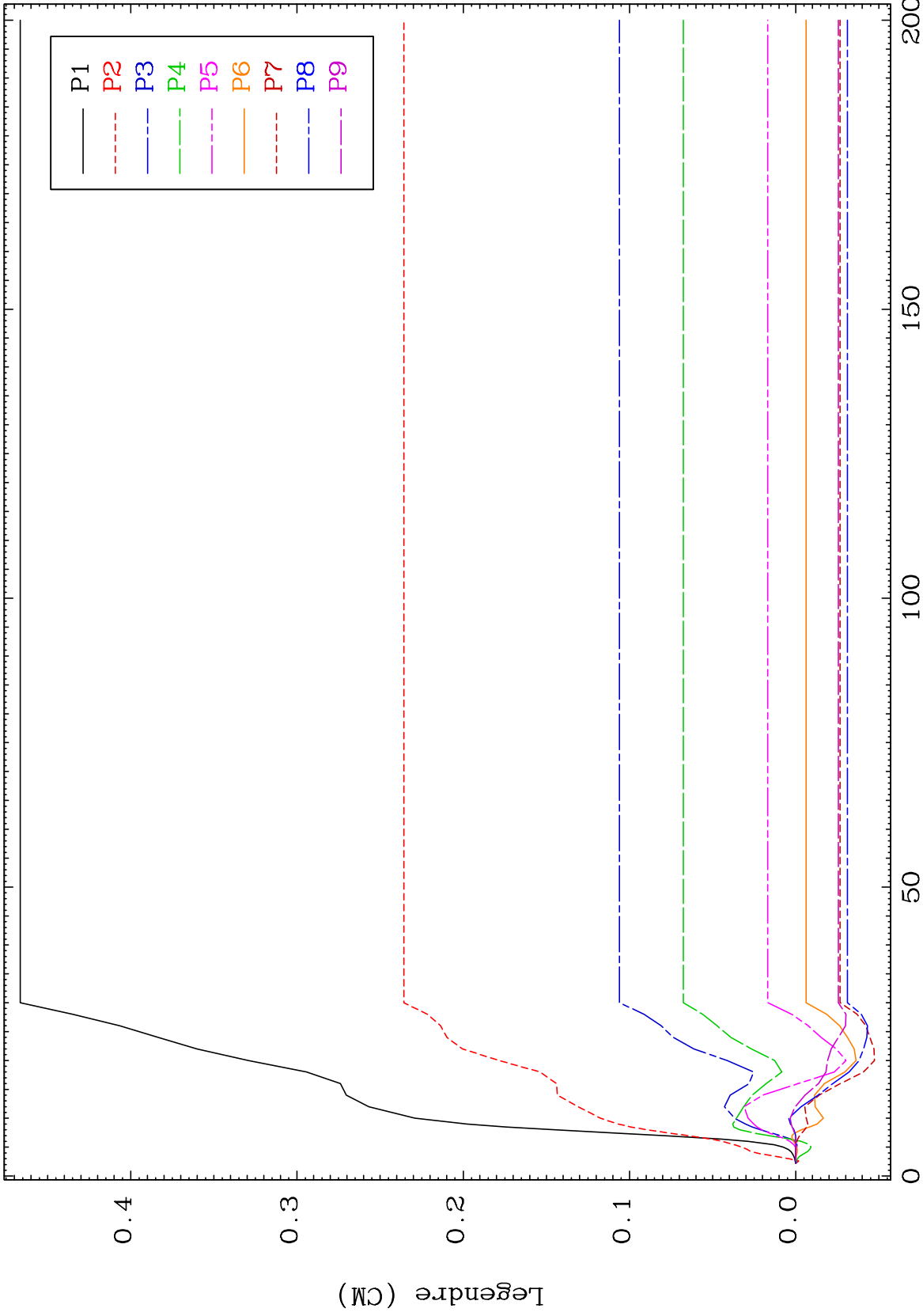
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³⁴Se-76

MAT 3431

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

34-Se-76



52

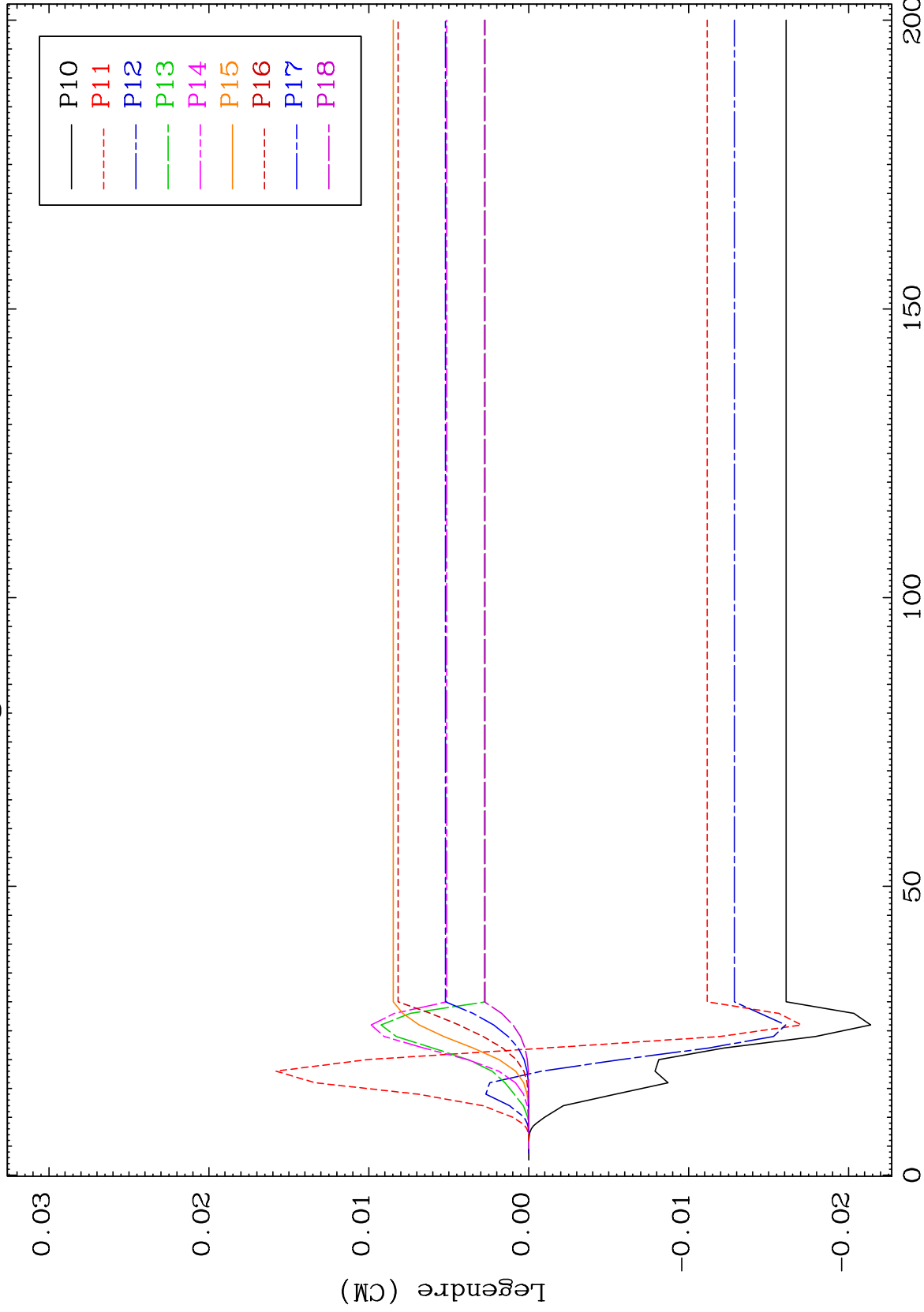
Incident Energy (MeV)

34-Se-76

MAT 3431

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

³⁴Se-76



53

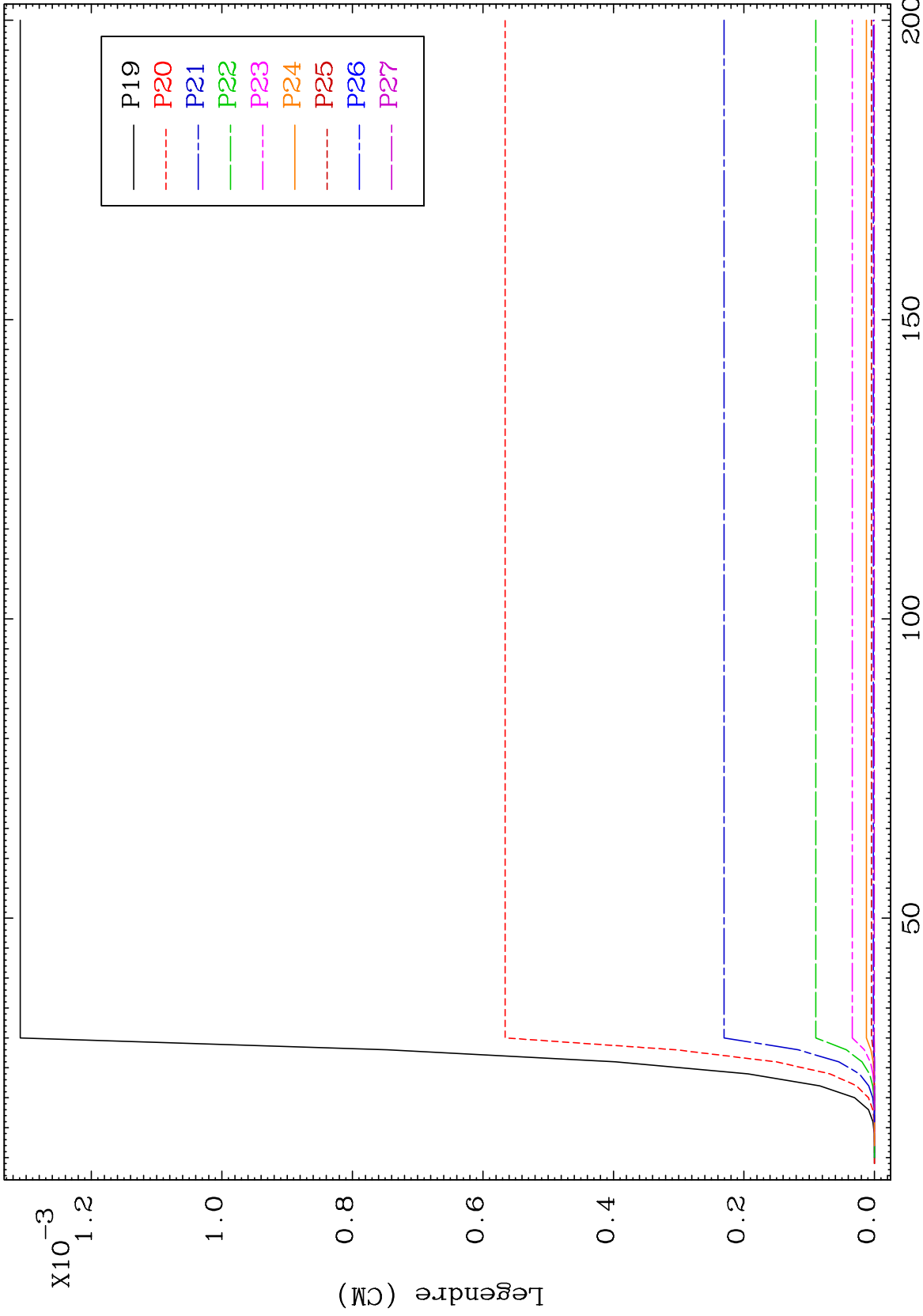
Incident Energy (MeV)

³⁴Se-76

MAT 3431

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

34-Se-76



54

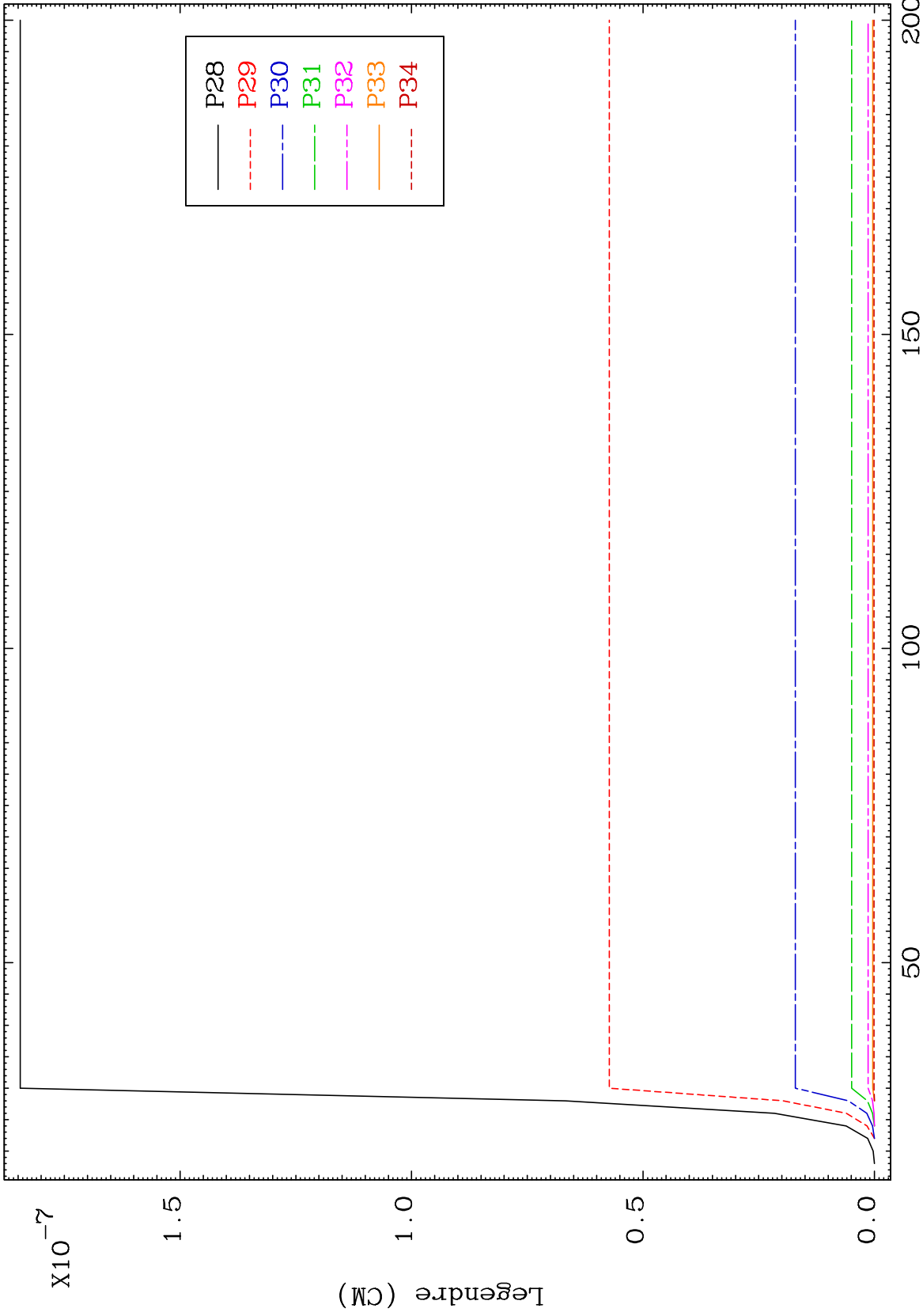
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



55

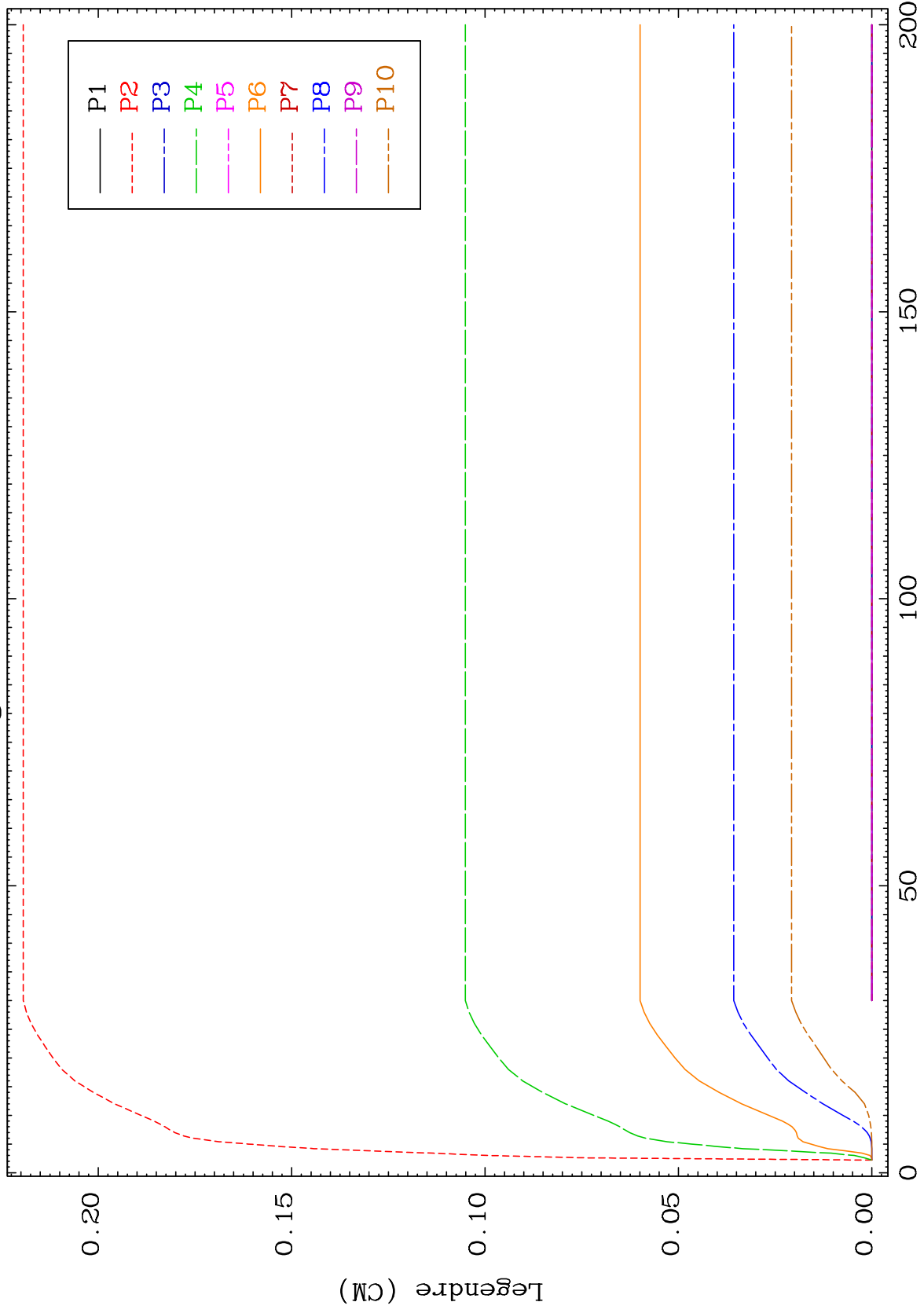
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



56

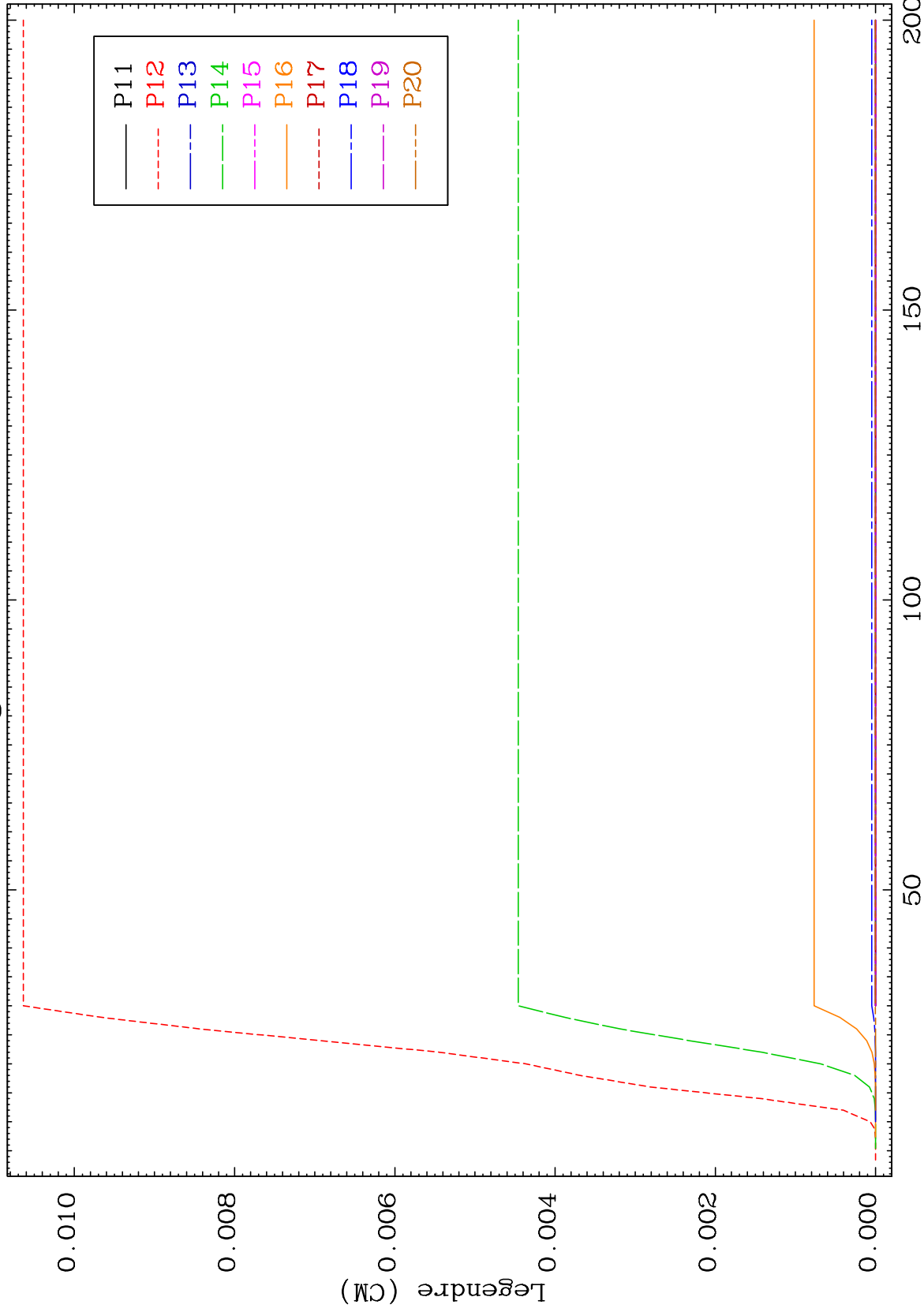
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



57

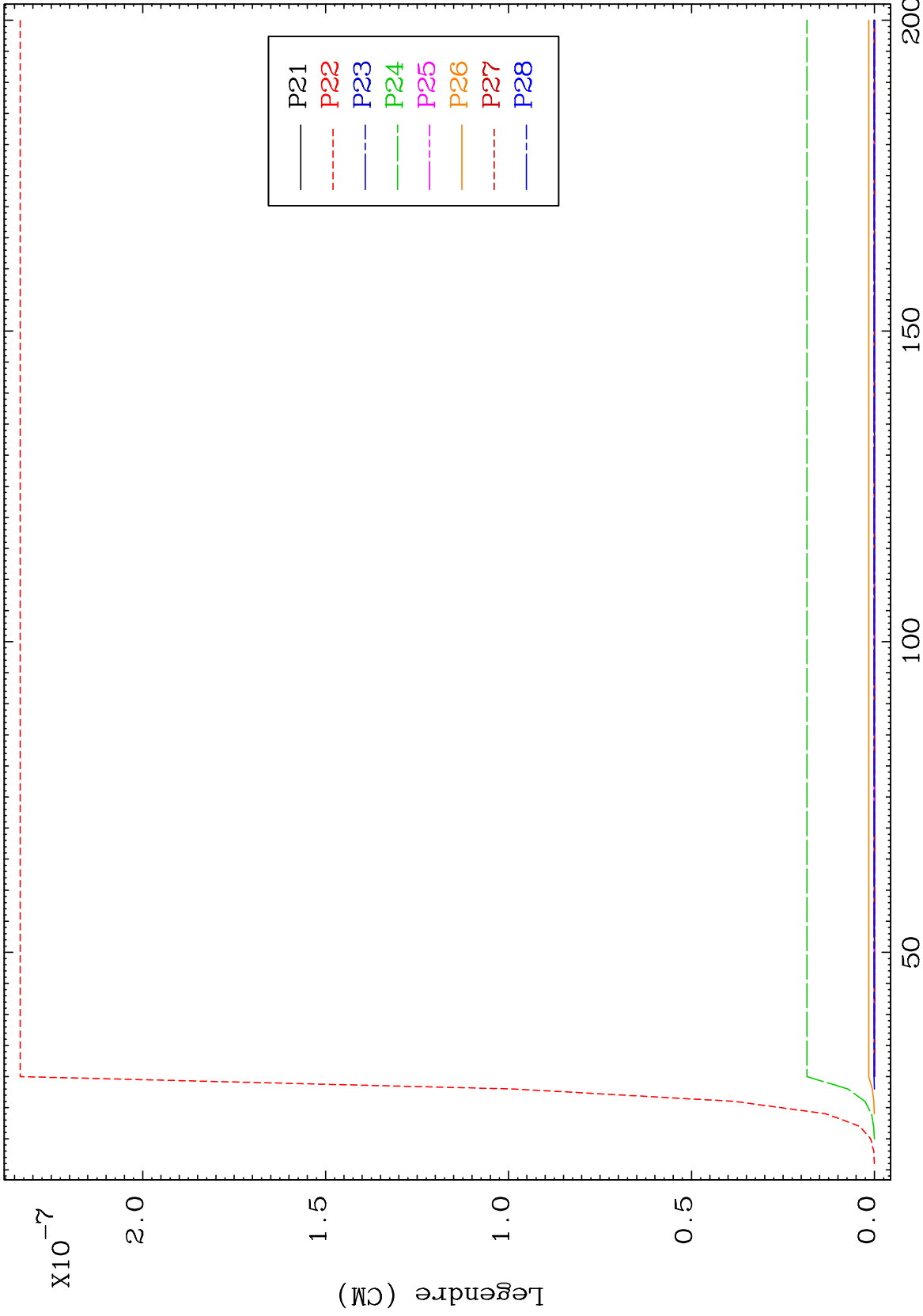
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



58

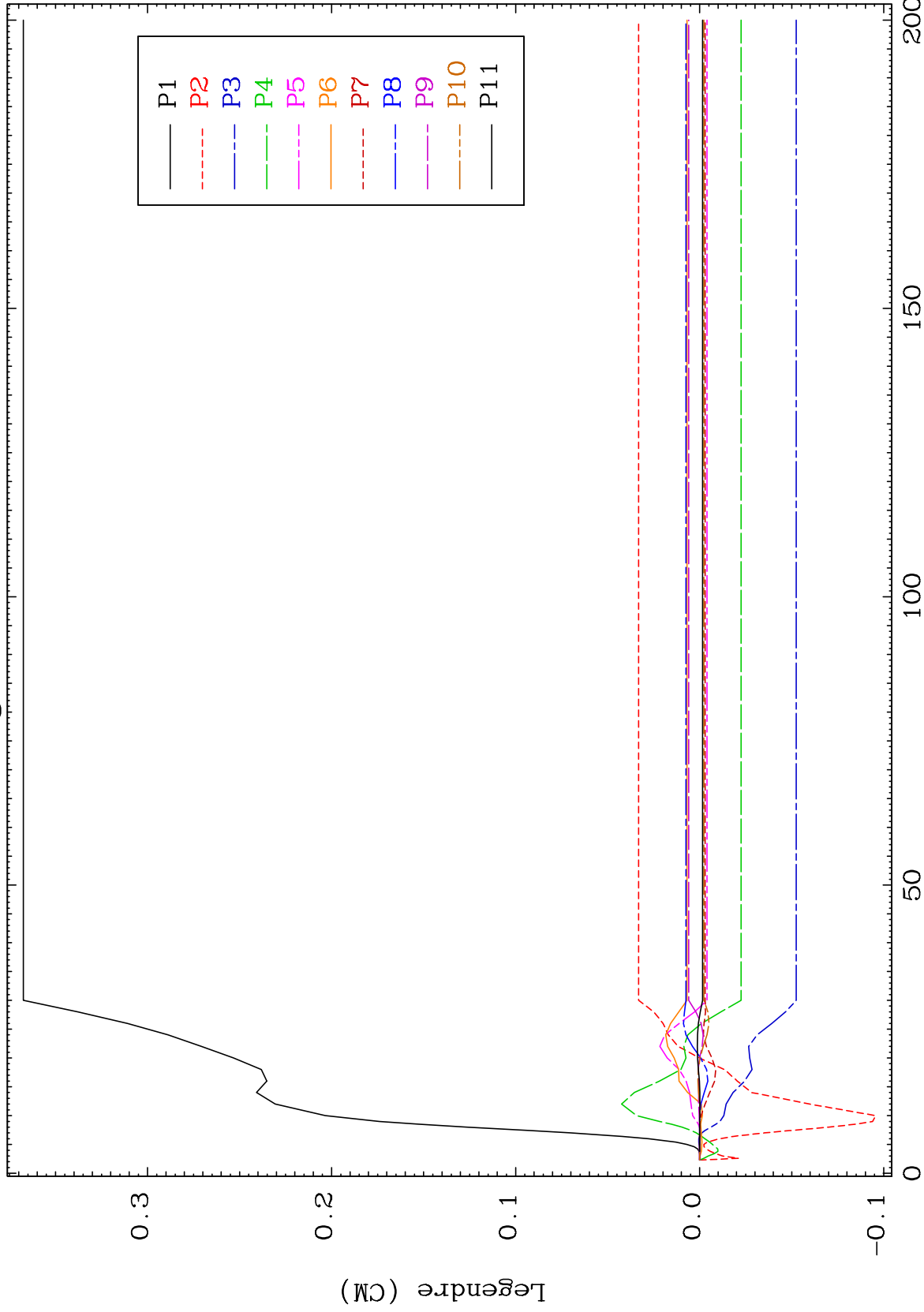
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



59

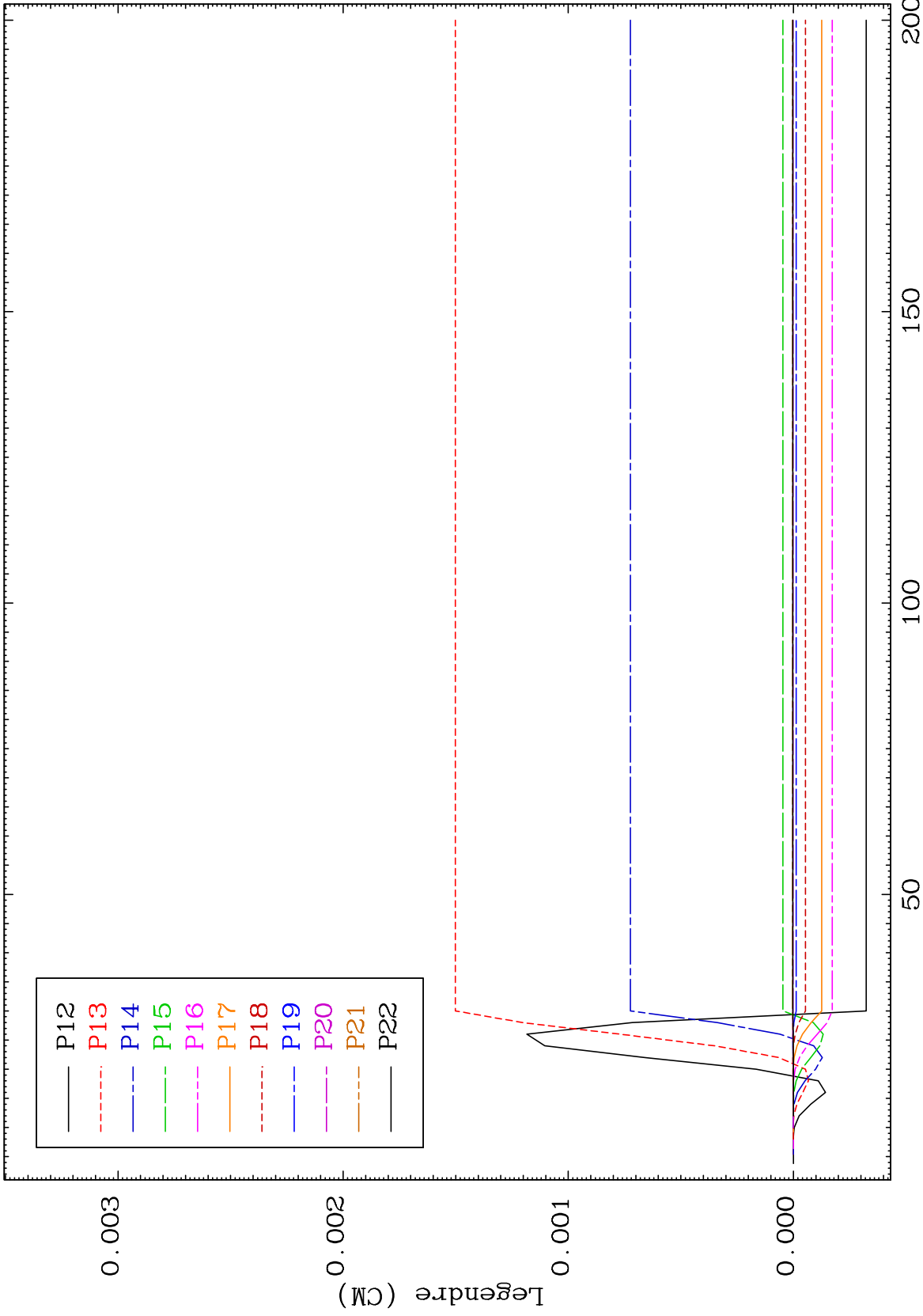
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



60

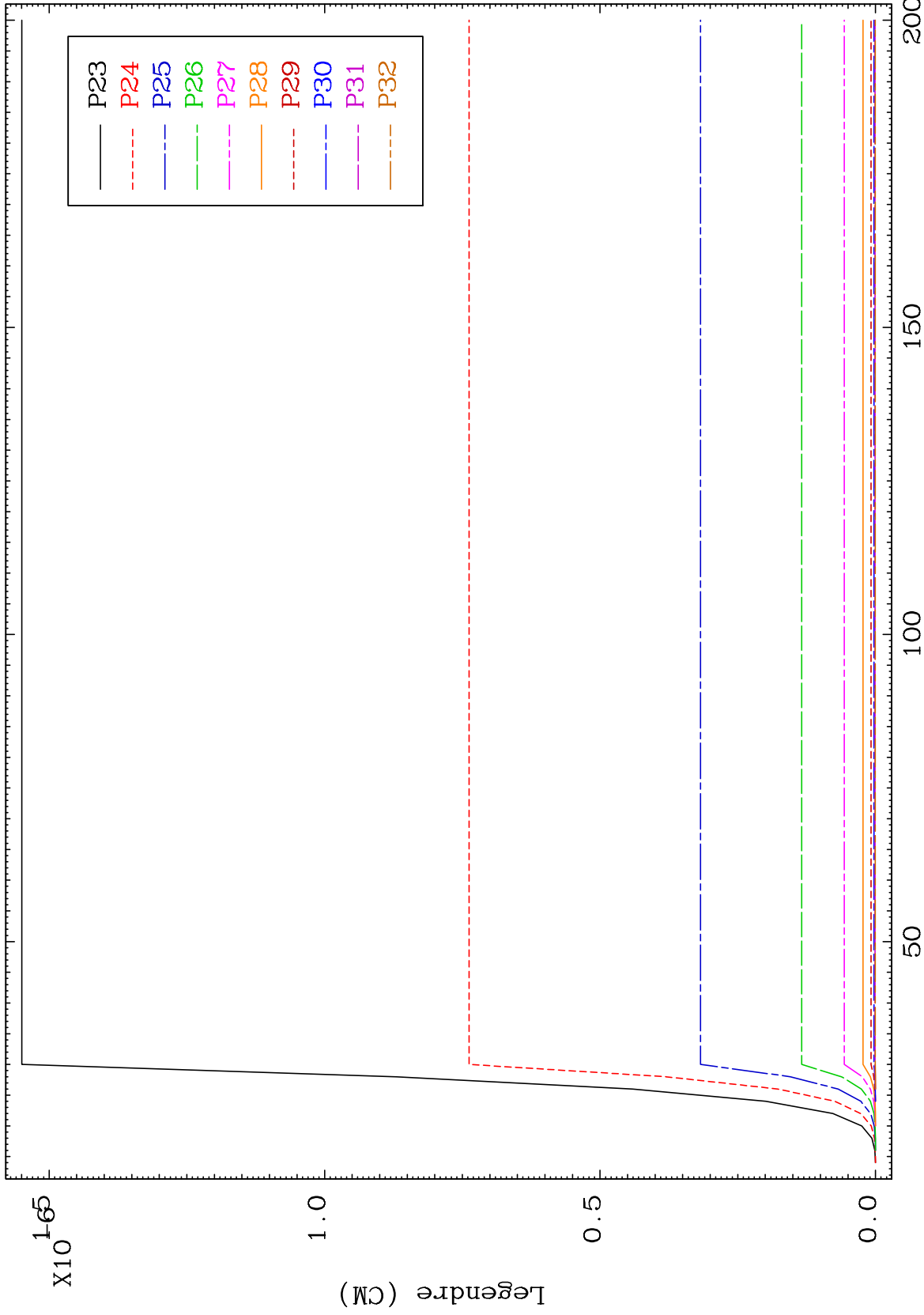
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



61

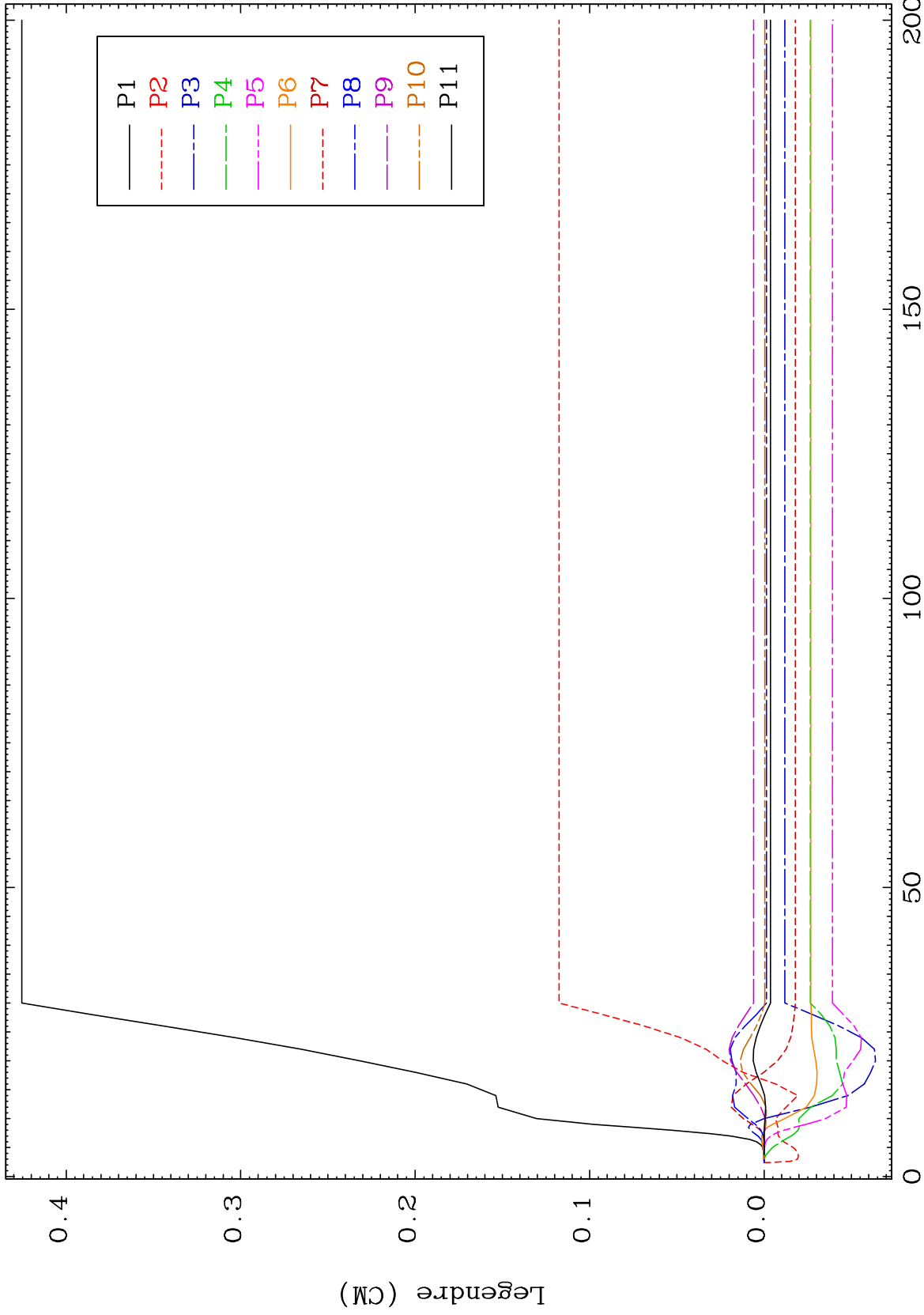
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



62

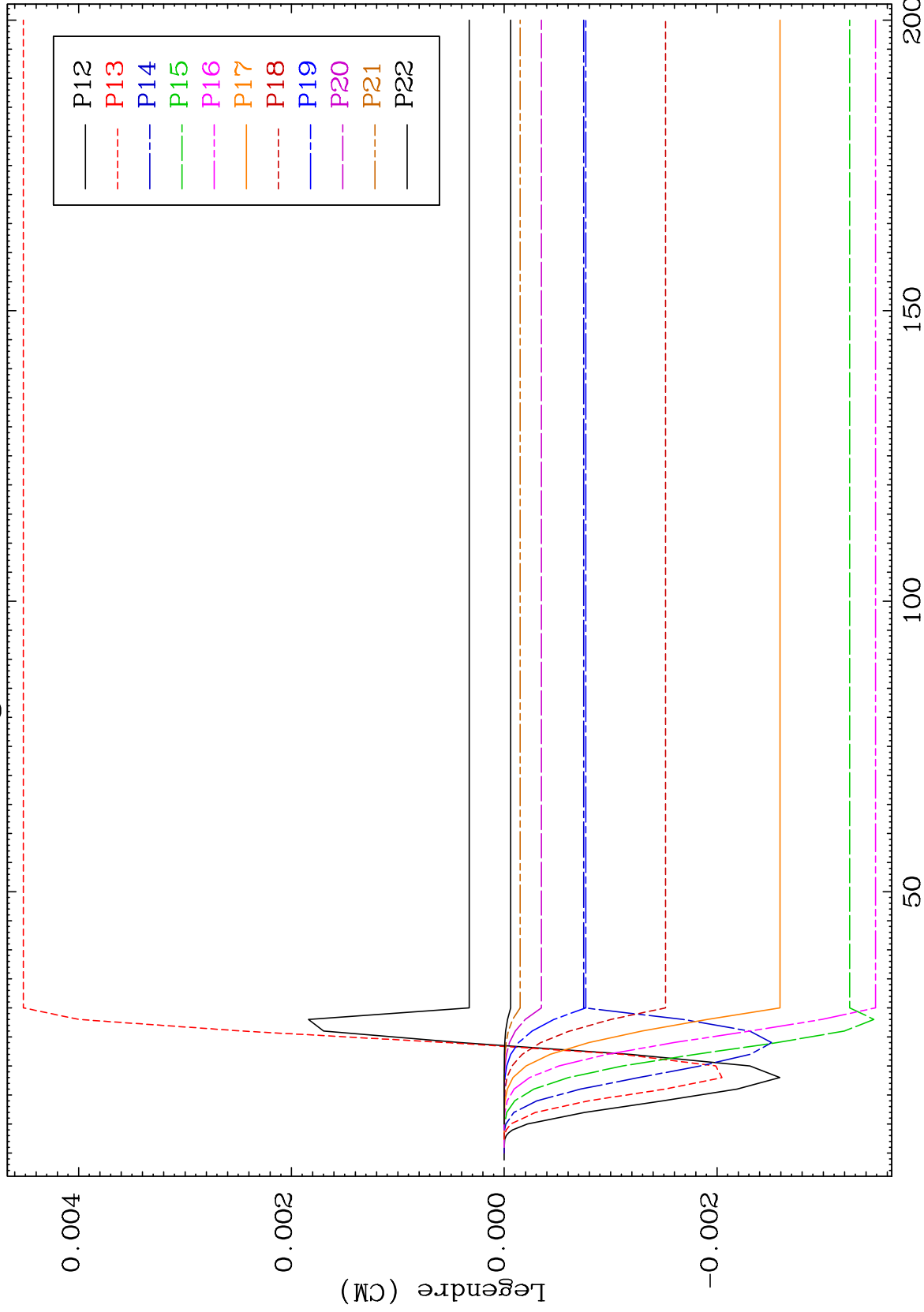
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



63

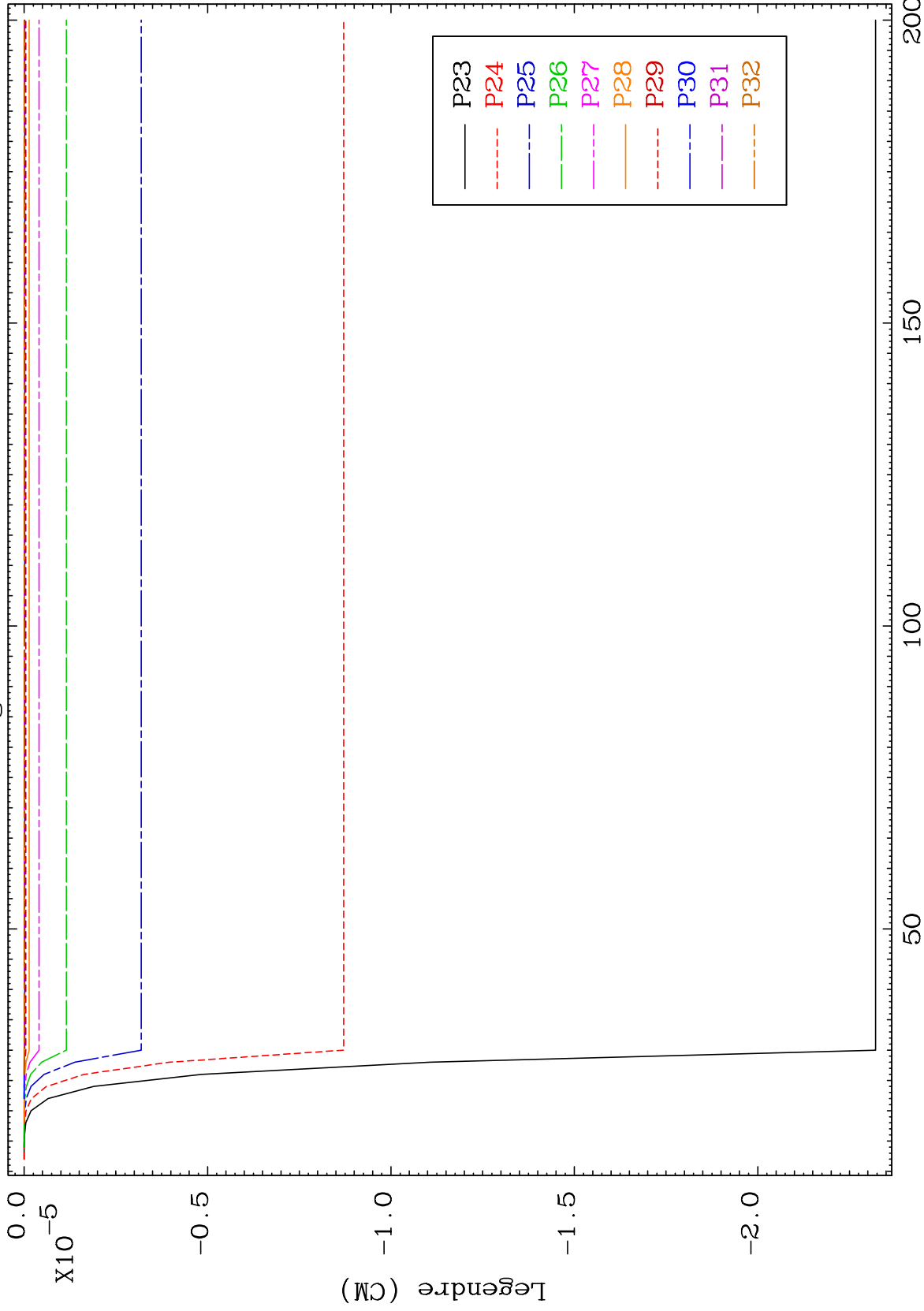
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



34-Se-76

Incident Energy (MeV)

64

MAT 3431

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

34-Se-76

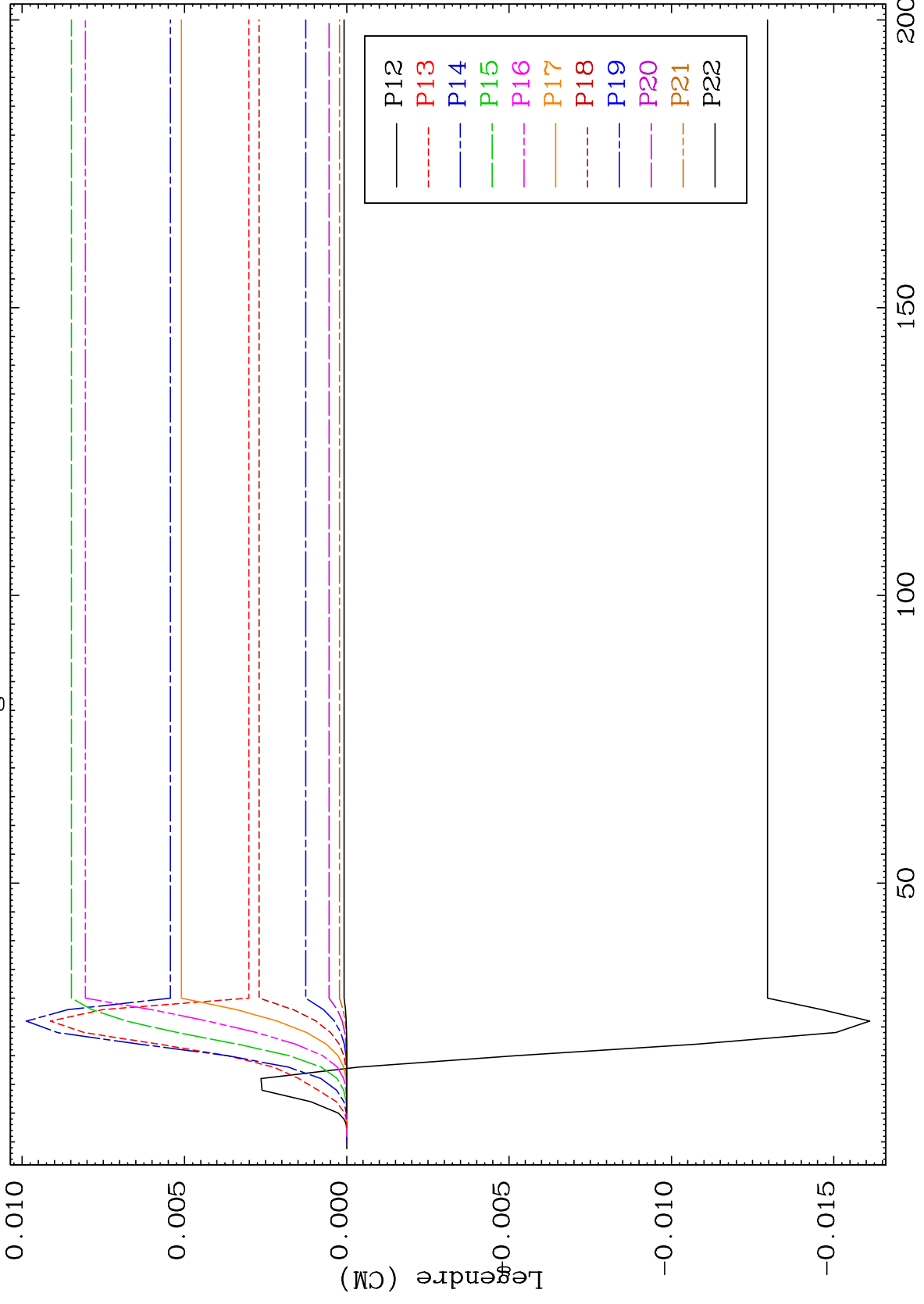


65

Incident Energy (MeV)

34-Se-76

MAT 3431 MT= 64 (n,n') Level Legendre Coefficients 34-Se-76

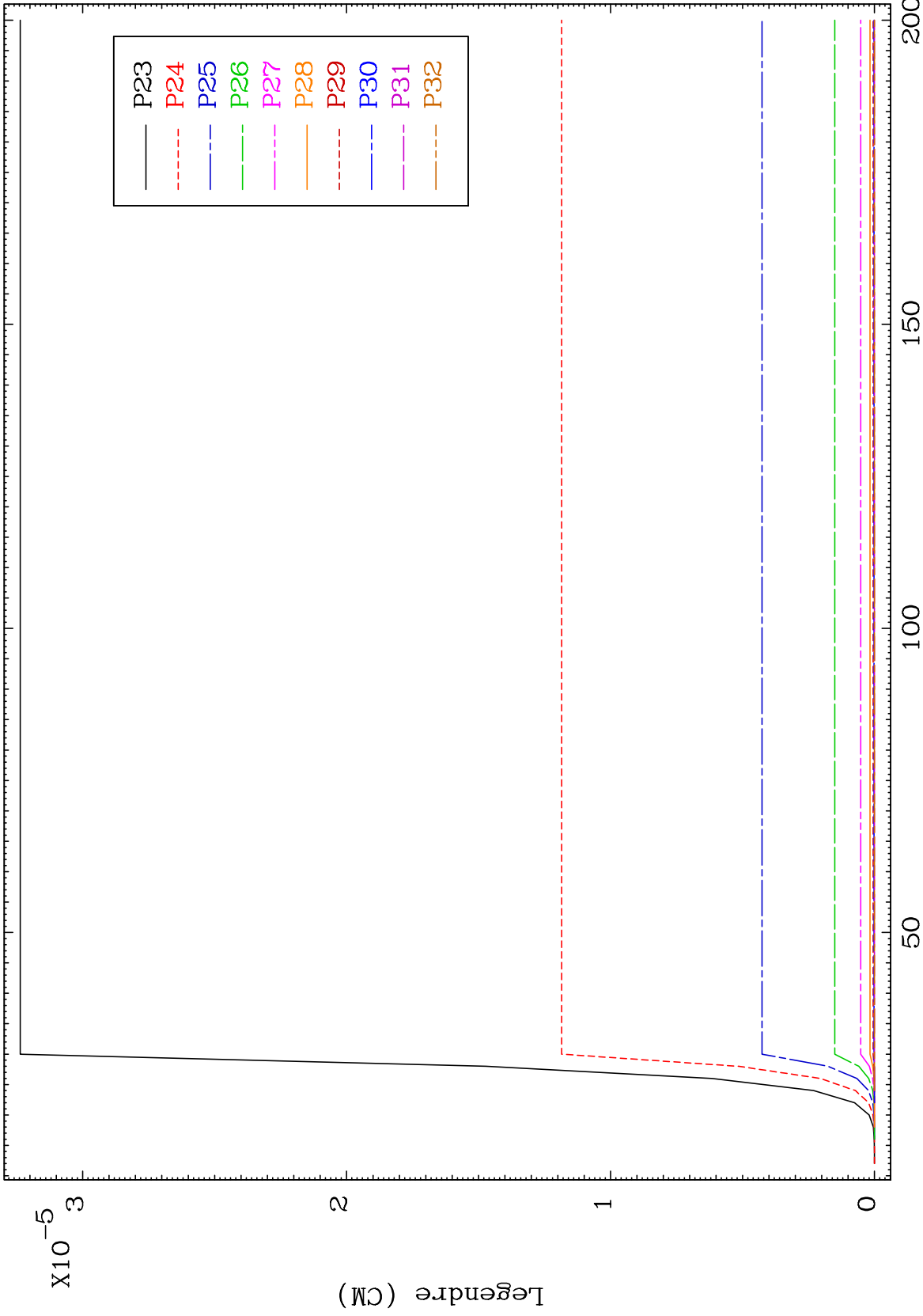


66 34-Se-76

MAT 3431

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

34-Se-76



67

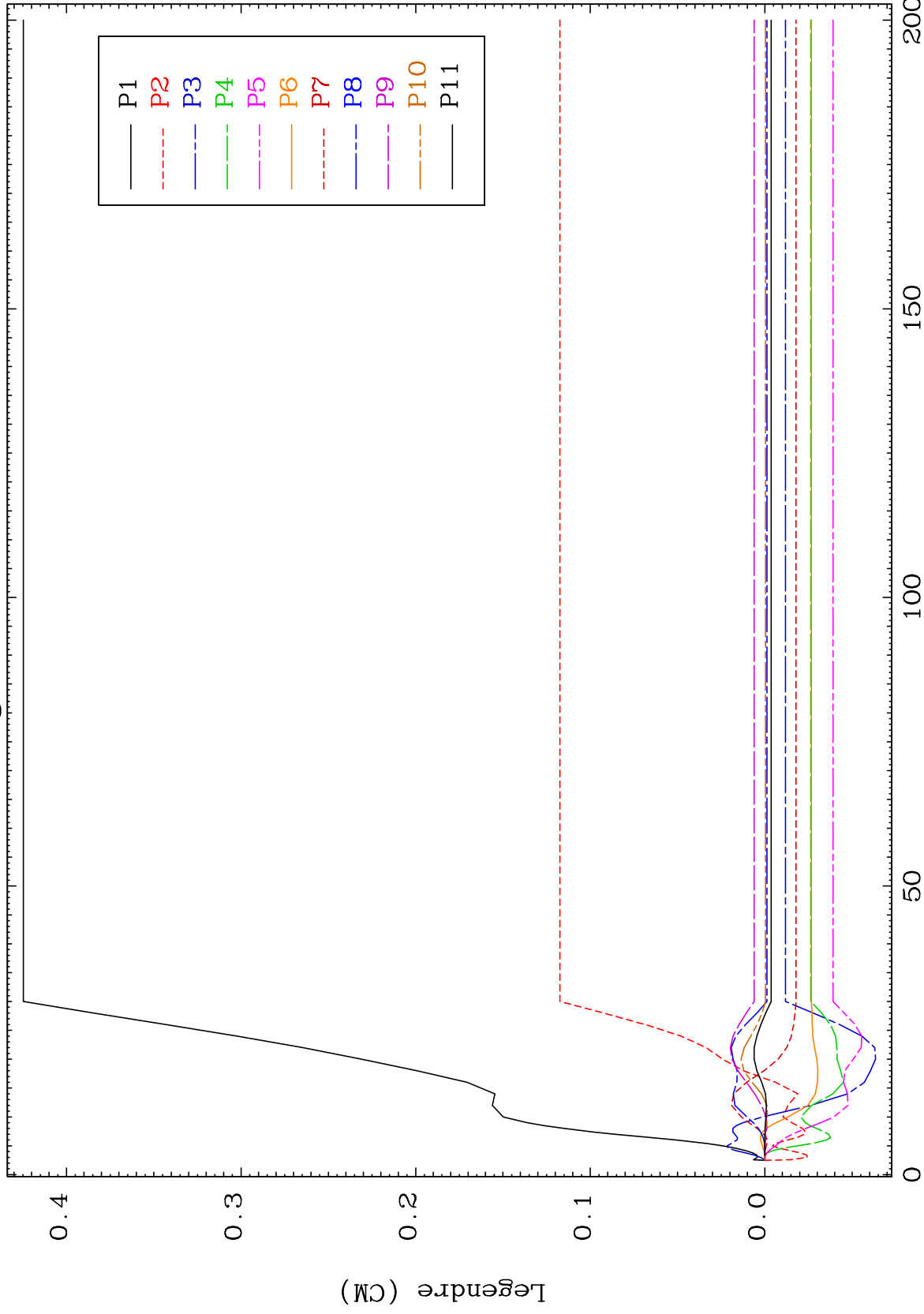
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



68

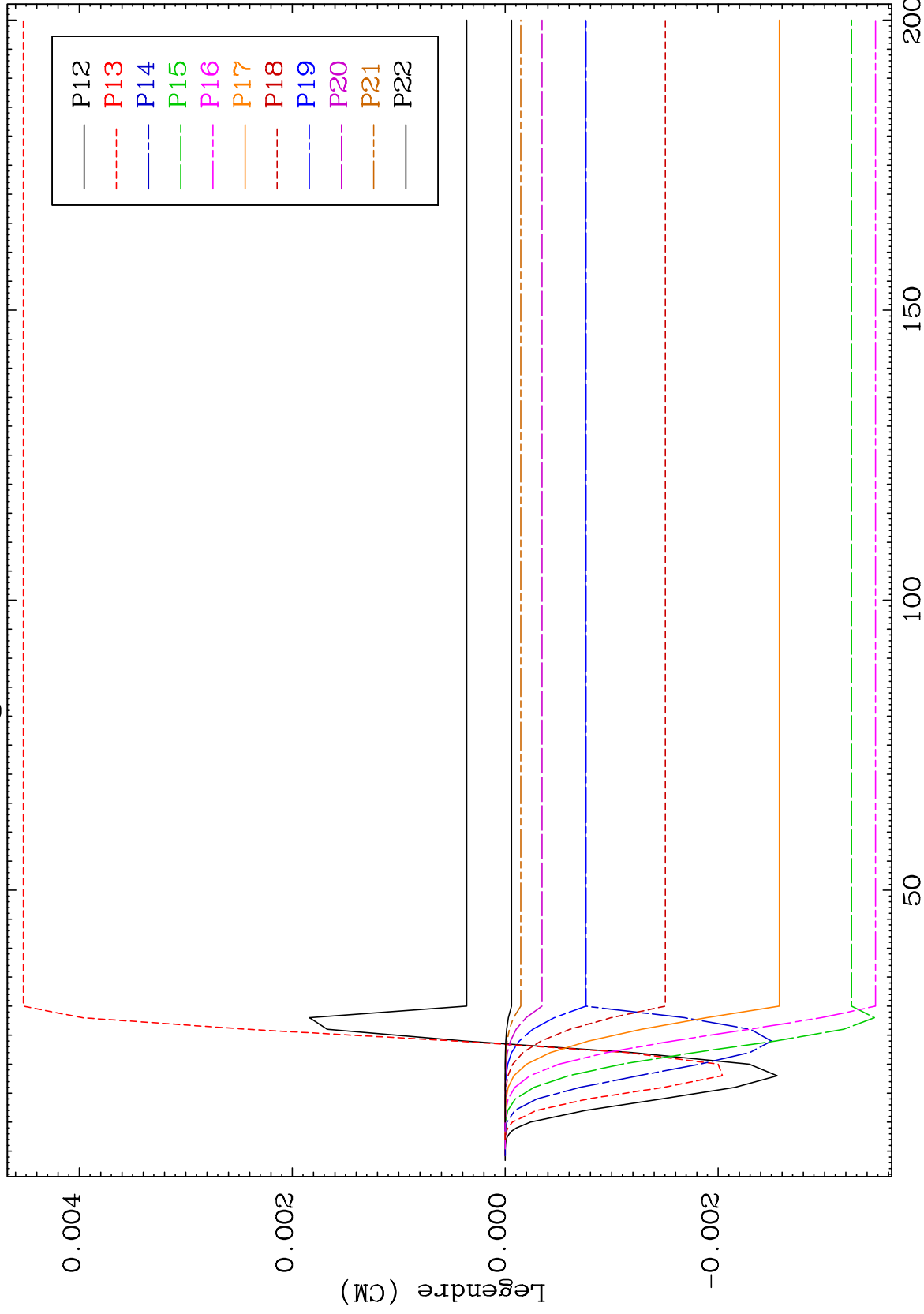
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



69

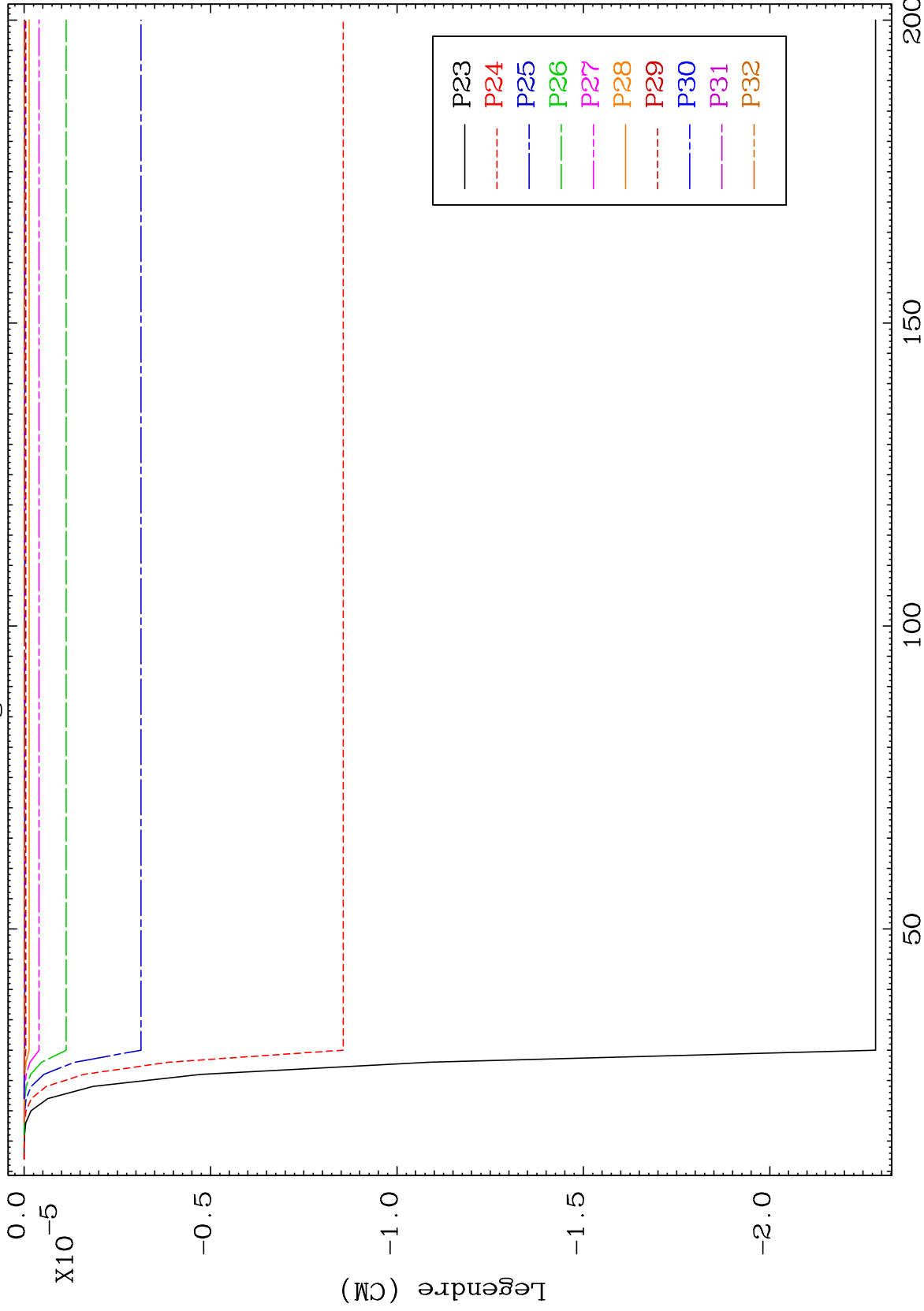
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76



34-Se-76

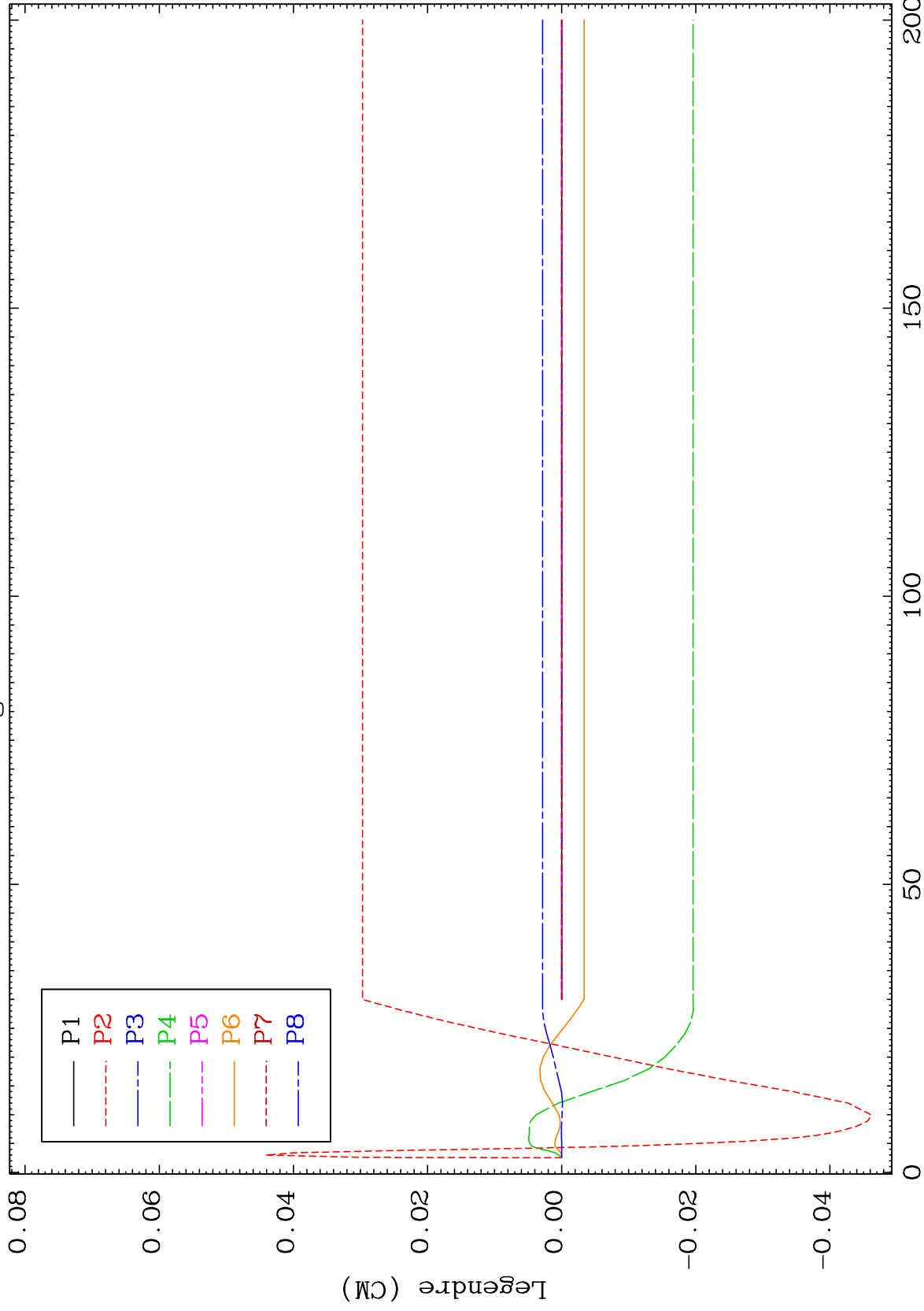
Incident Energy (MeV)

70

MAT 3431

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

34-Se-76



71

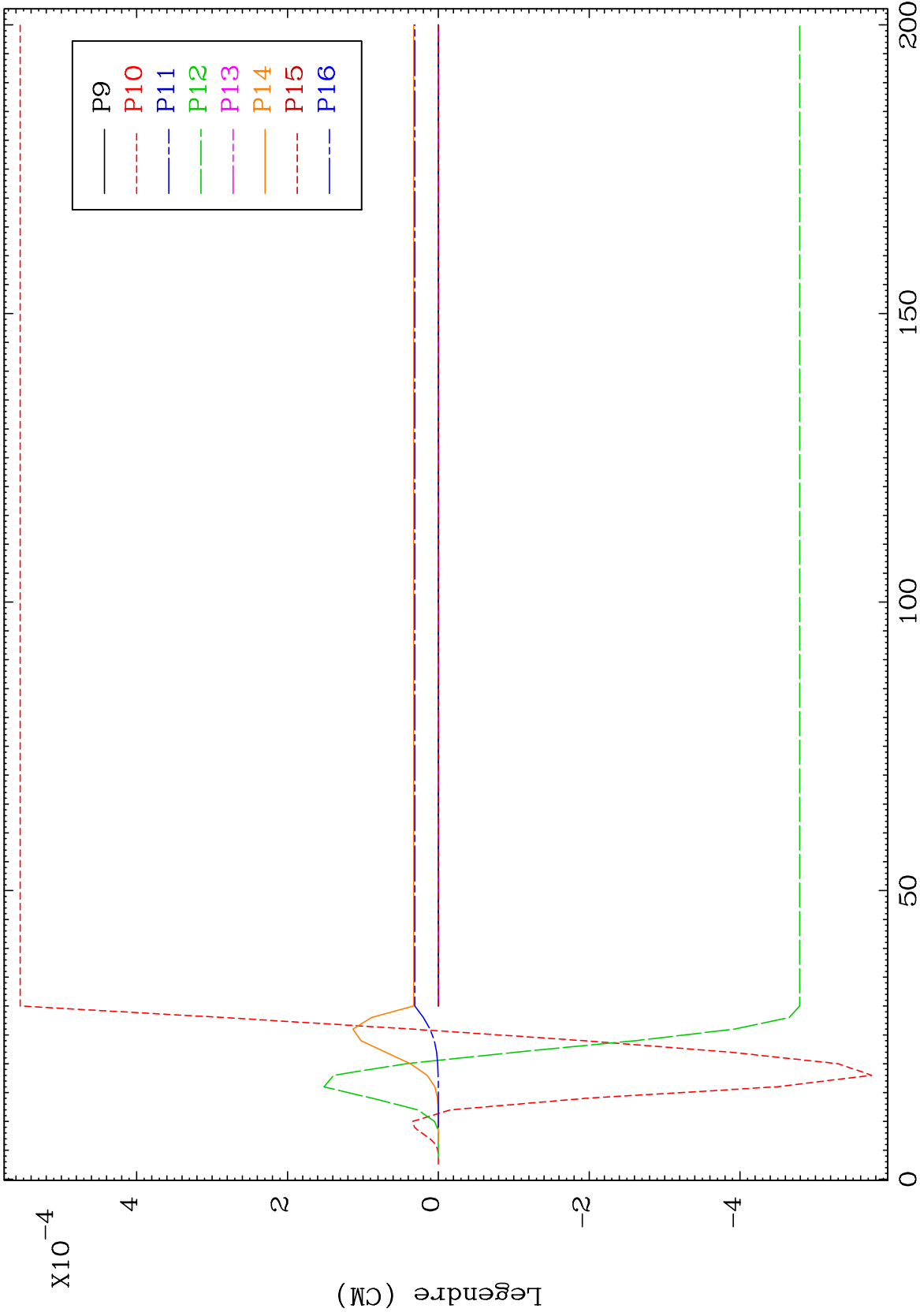
Incident Energy (MeV)

34-Se-76

MAT 3431

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

34-Se-76

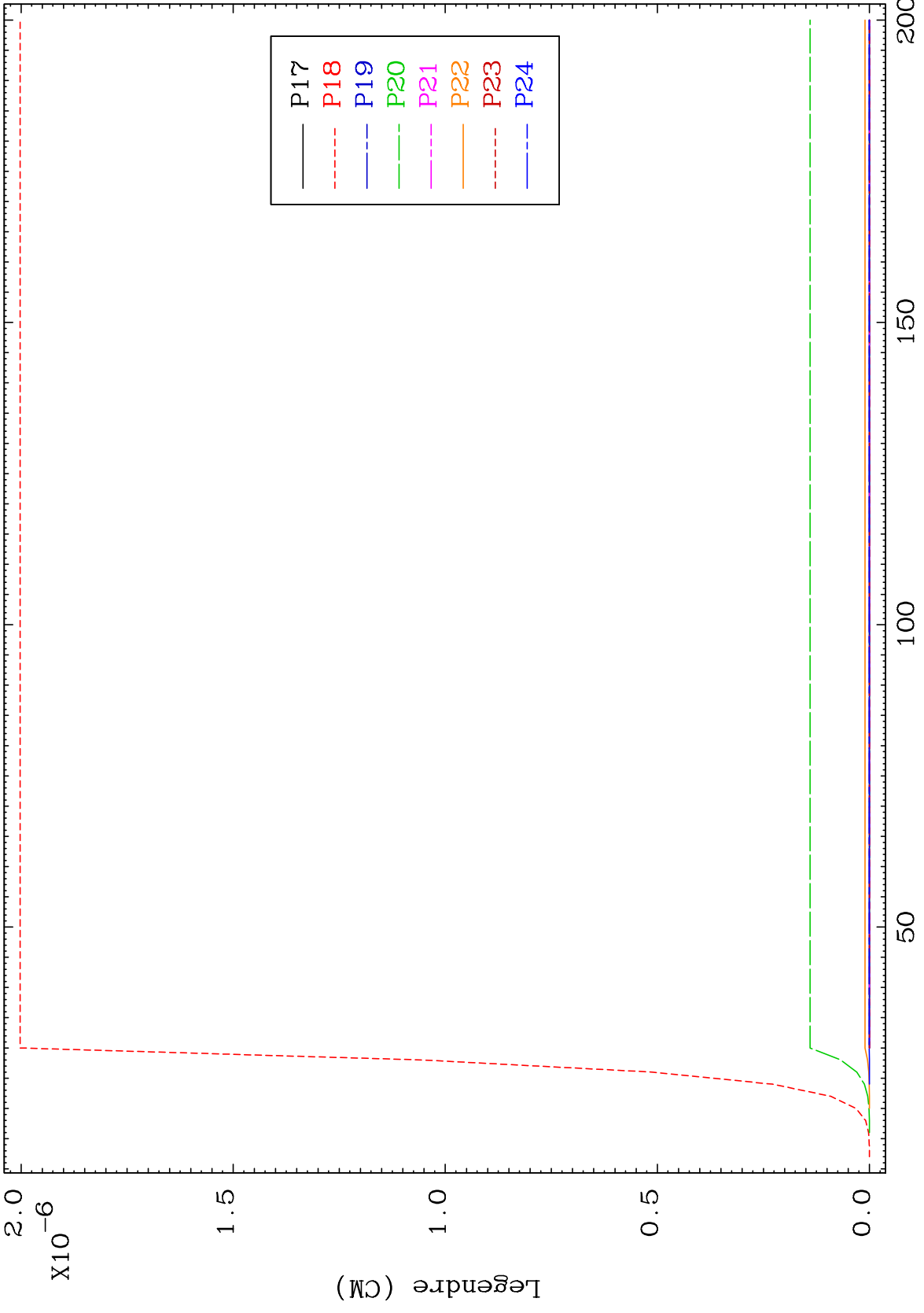


72

Incident Energy (MeV)

34-Se-76

MAT 3431 MT= 66 (n,n') Level Legendre Coefficients 34-Se-76

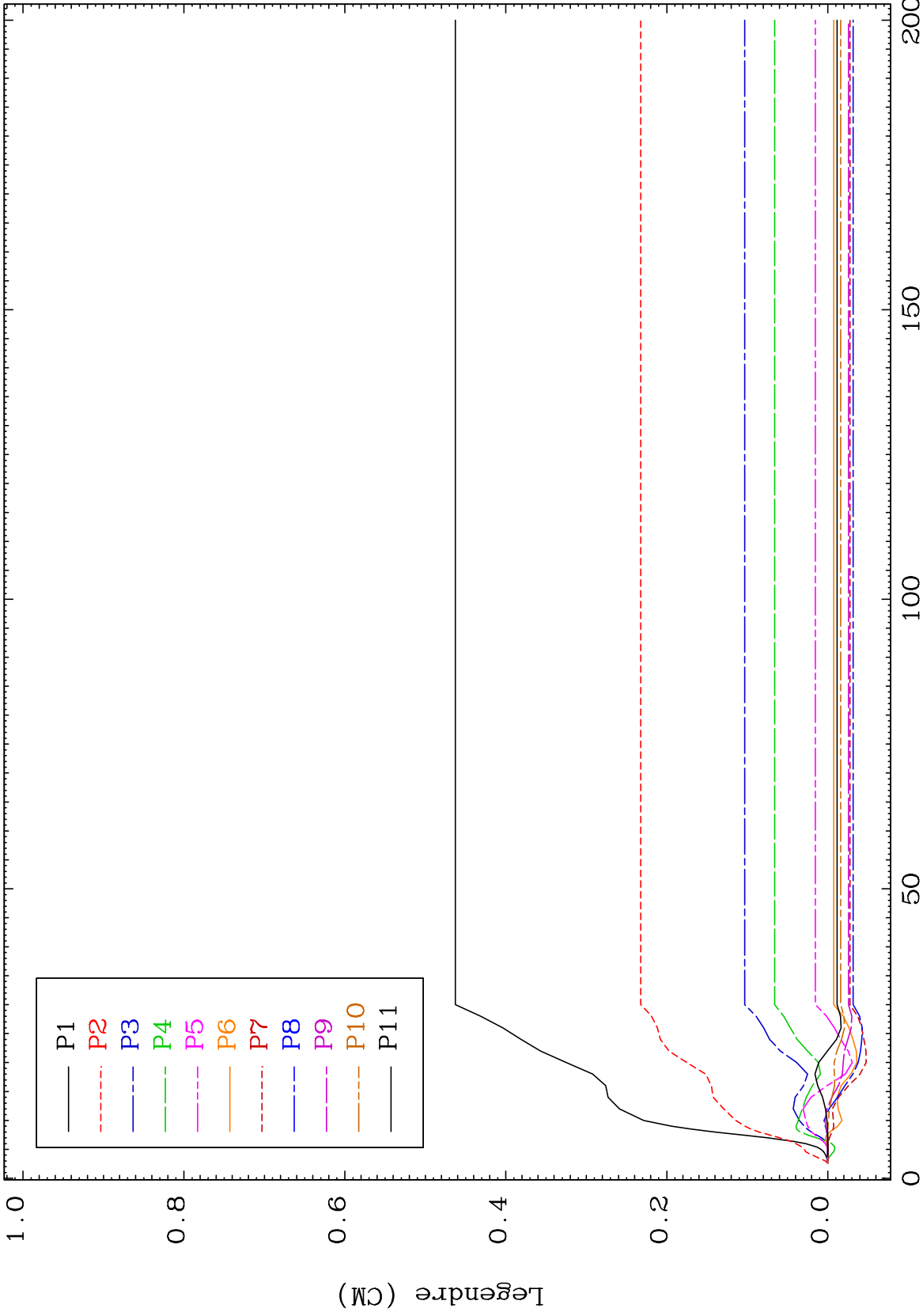


73 Incident Energy (MeV) 34-Se-76

MAT 3431

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

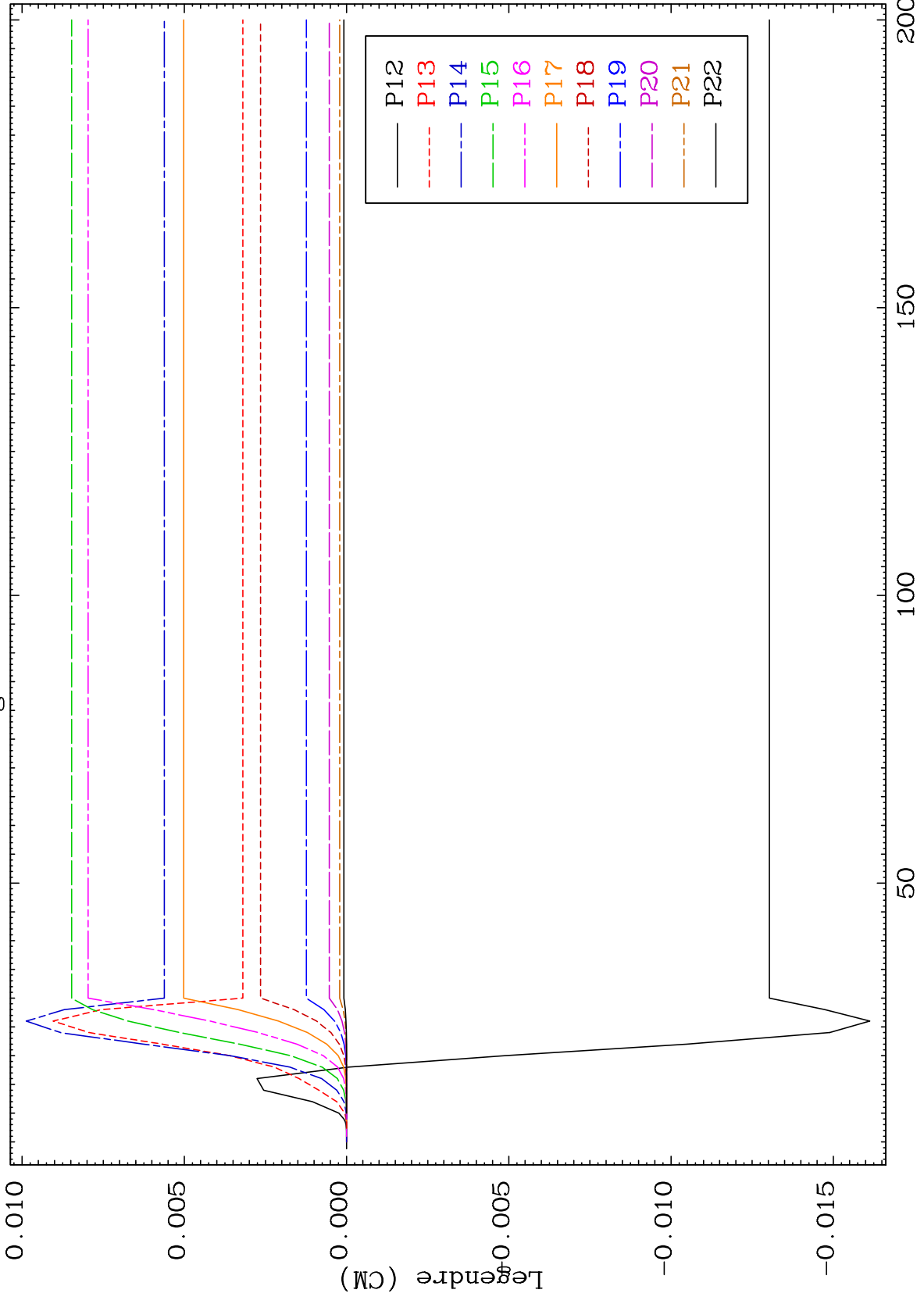
34-Se-76



74

34-Se-76

MAT 3431 MT= 67 (n,n') Level Legendre Coefficients 34-Se-76

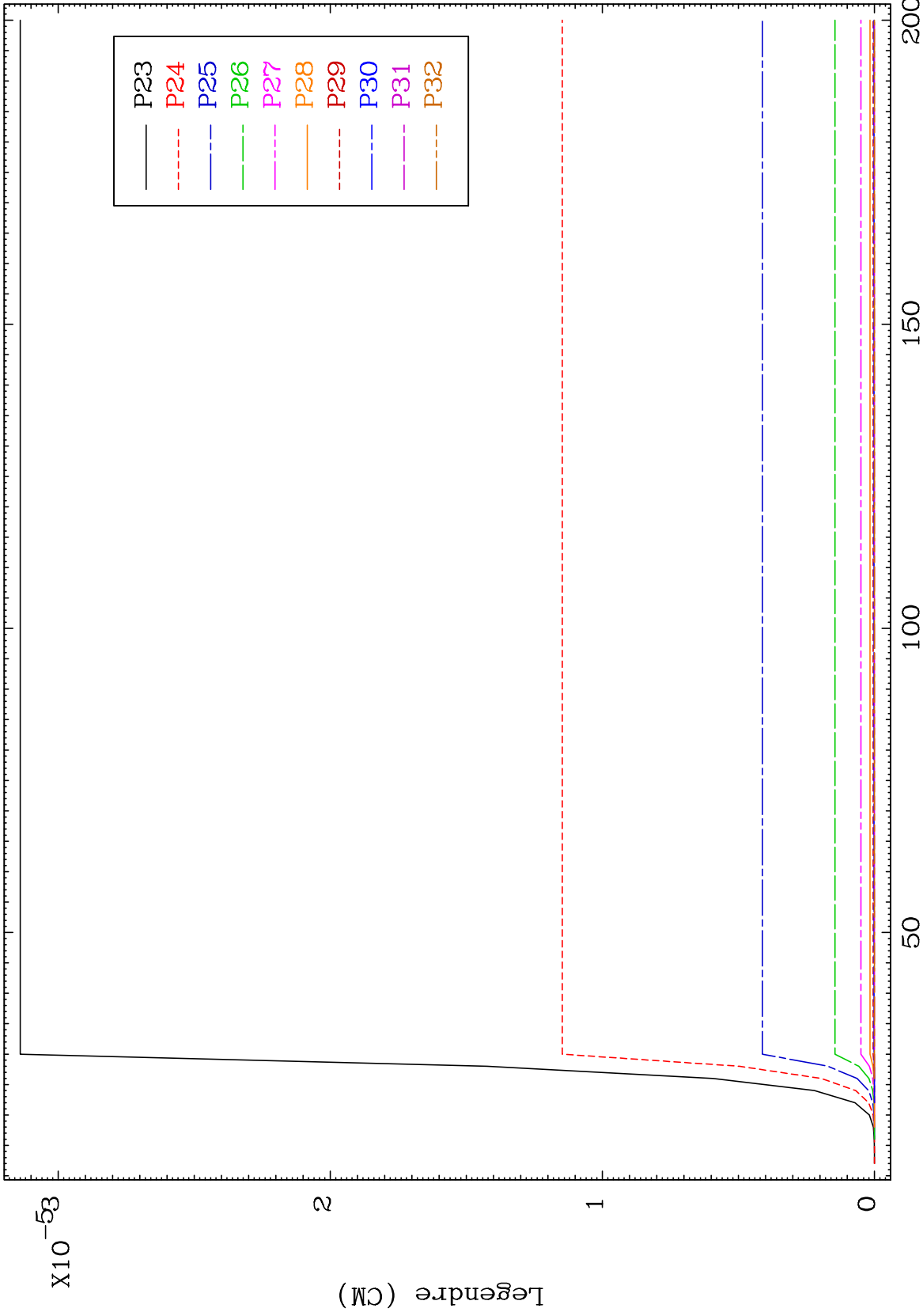


75 Incident Energy (MeV) 34-Se-76

MAT 3431

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

34-Se-76



76

Incident Energy (MeV)

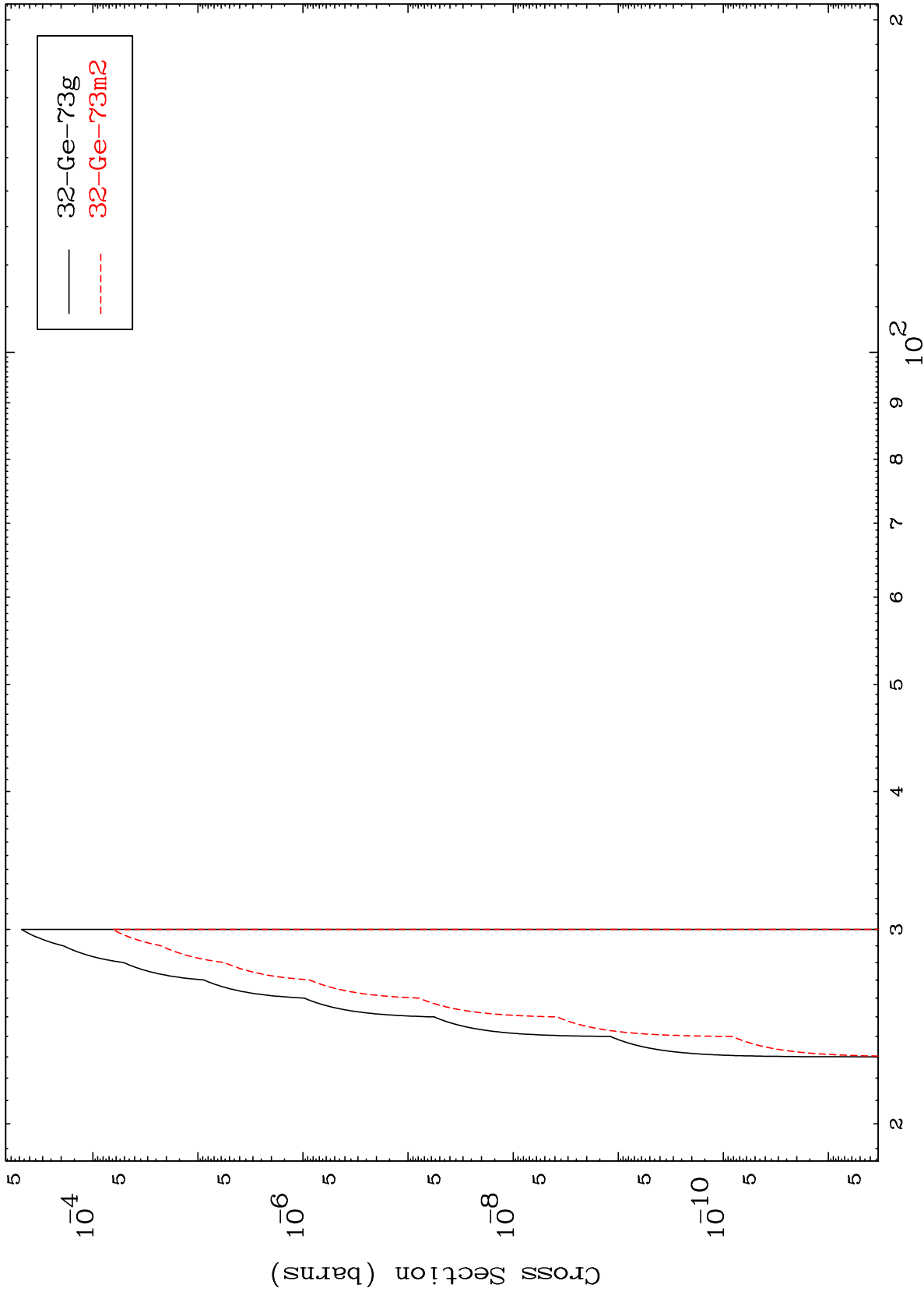
34-Se-76

MAT 3431

(n, n') He-3

³⁴Se-76

Radionuclide Production Cross Section



77

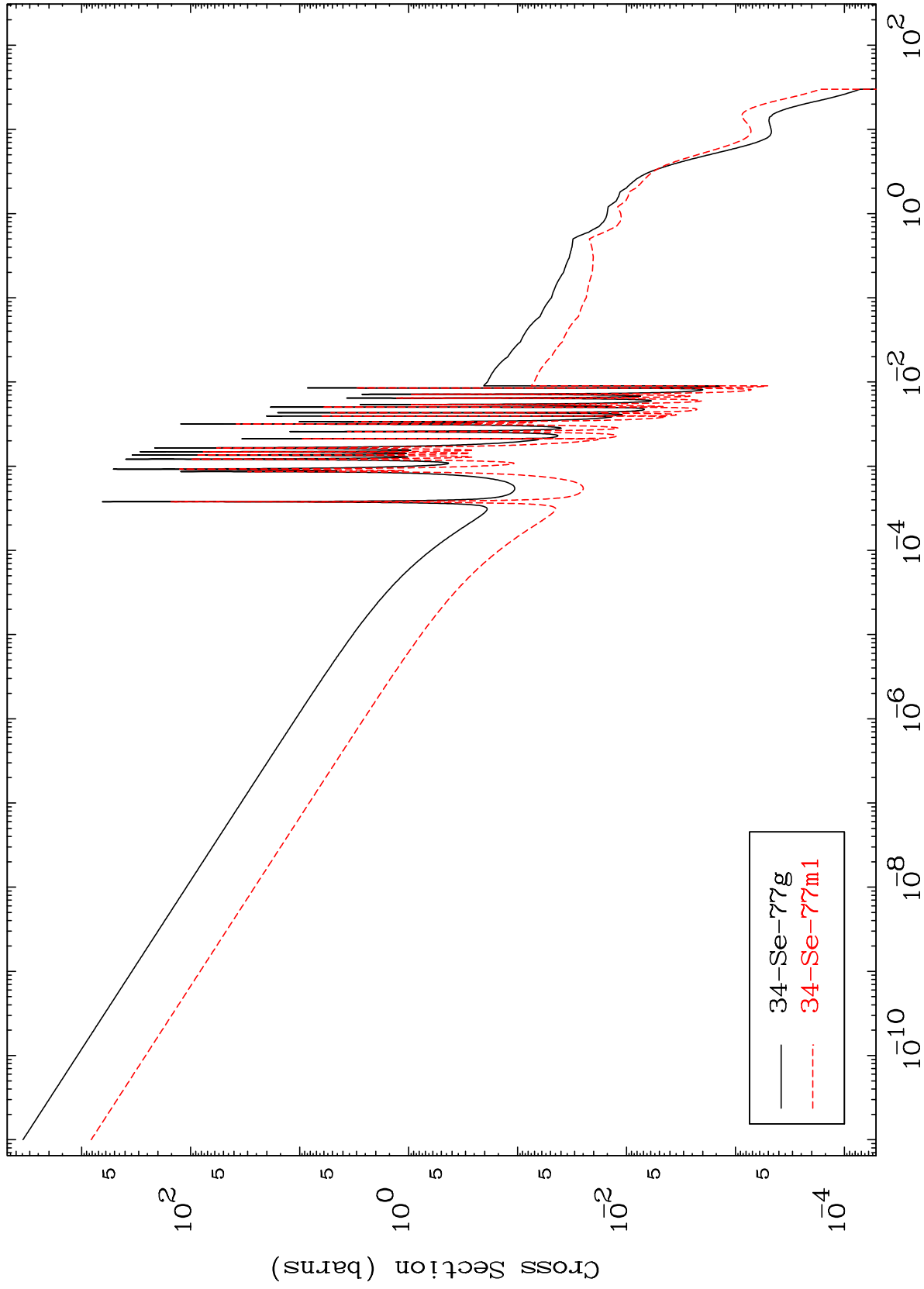
Incident Energy (MeV)

³⁴Se-76

MAT 3431

³⁴Se-76

Radionuclide Production Cross Section
(n,γ)



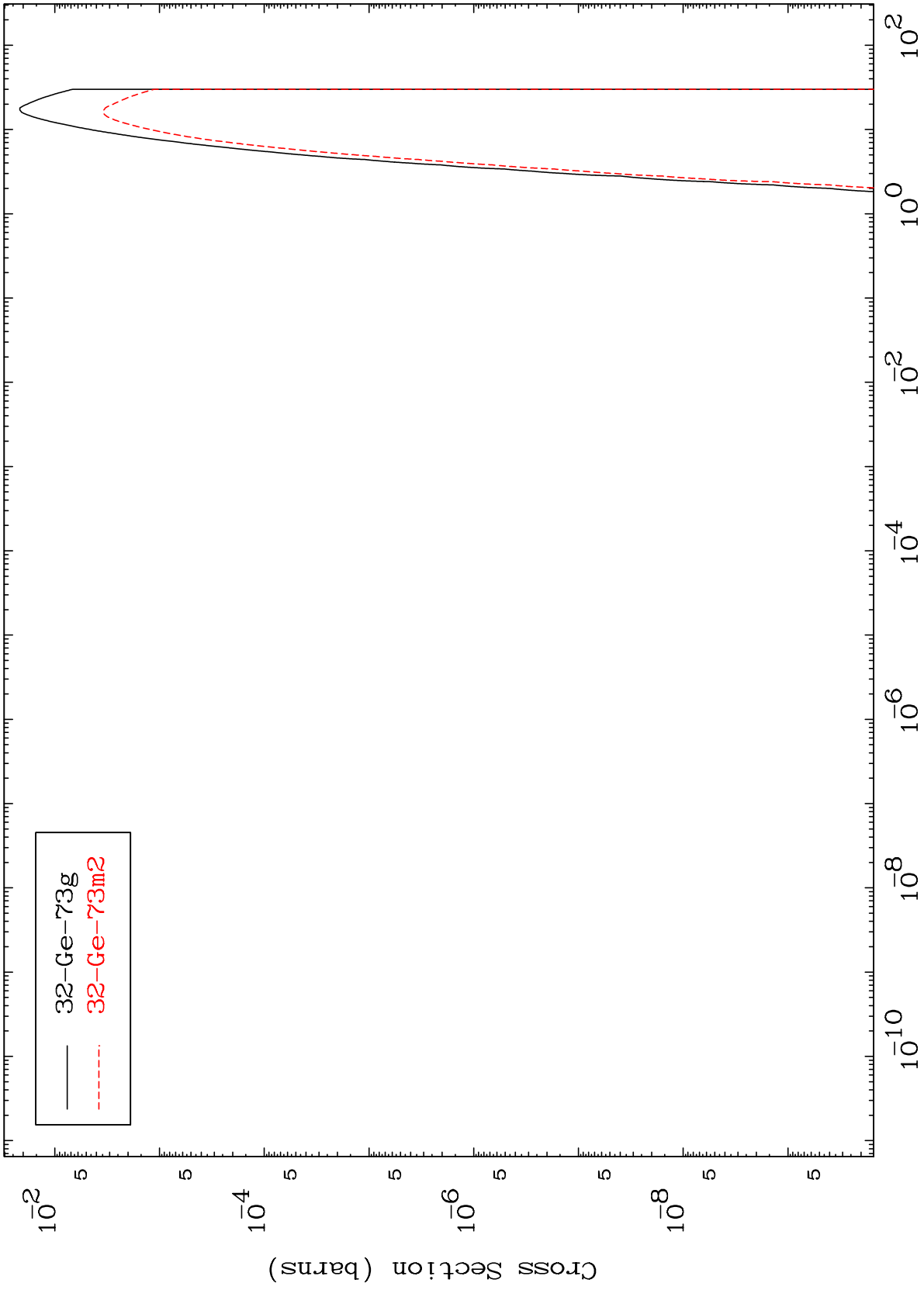
78

³⁴Se-76

MAT 3431

(n,α)
Radionuclide Production Cross Section

³⁴Se-76



79

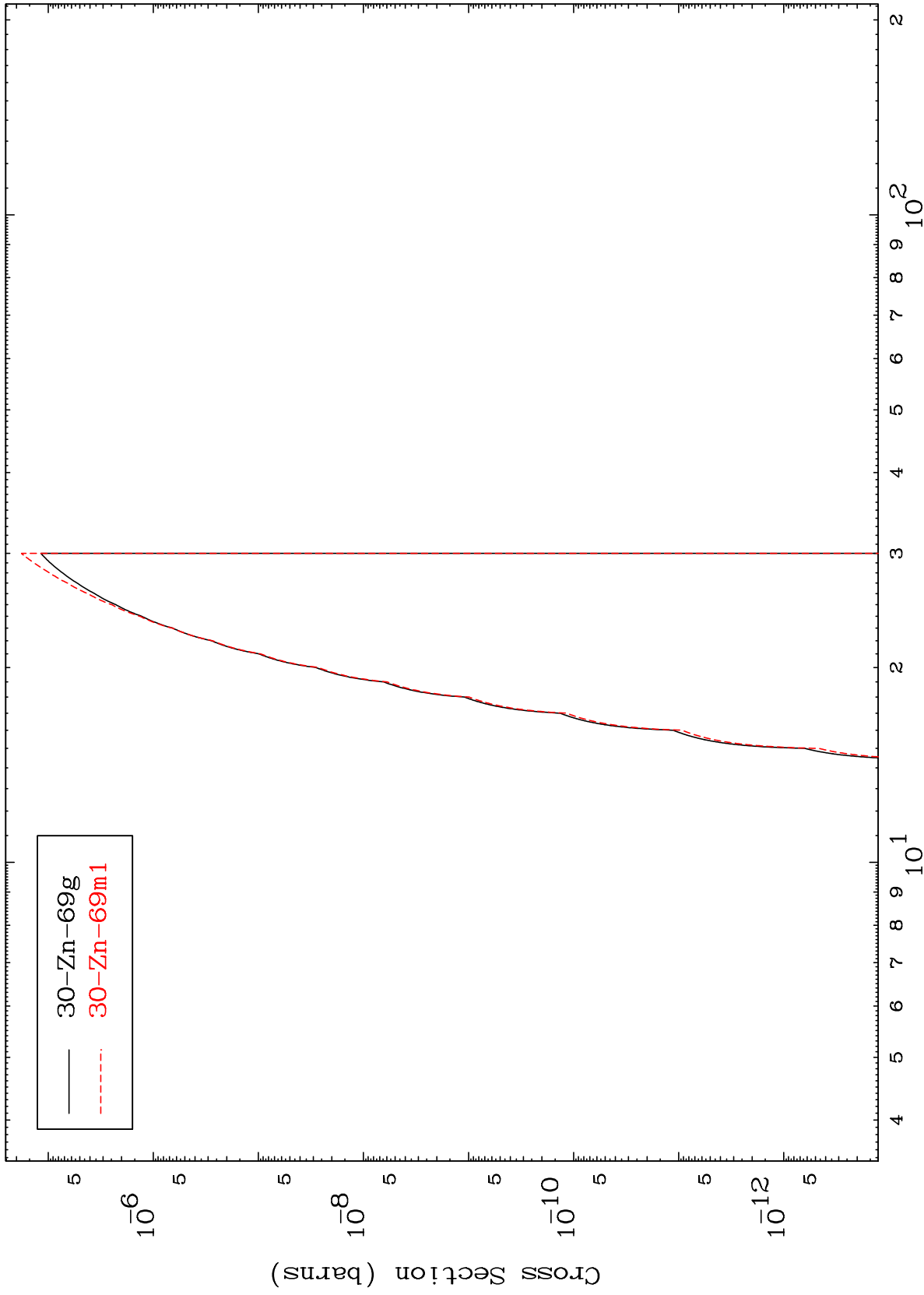
Incident Energy (MeV)

³⁴Se-76

MAT 3431

³⁴Se-76

Radionuclide Production Cross Section



80

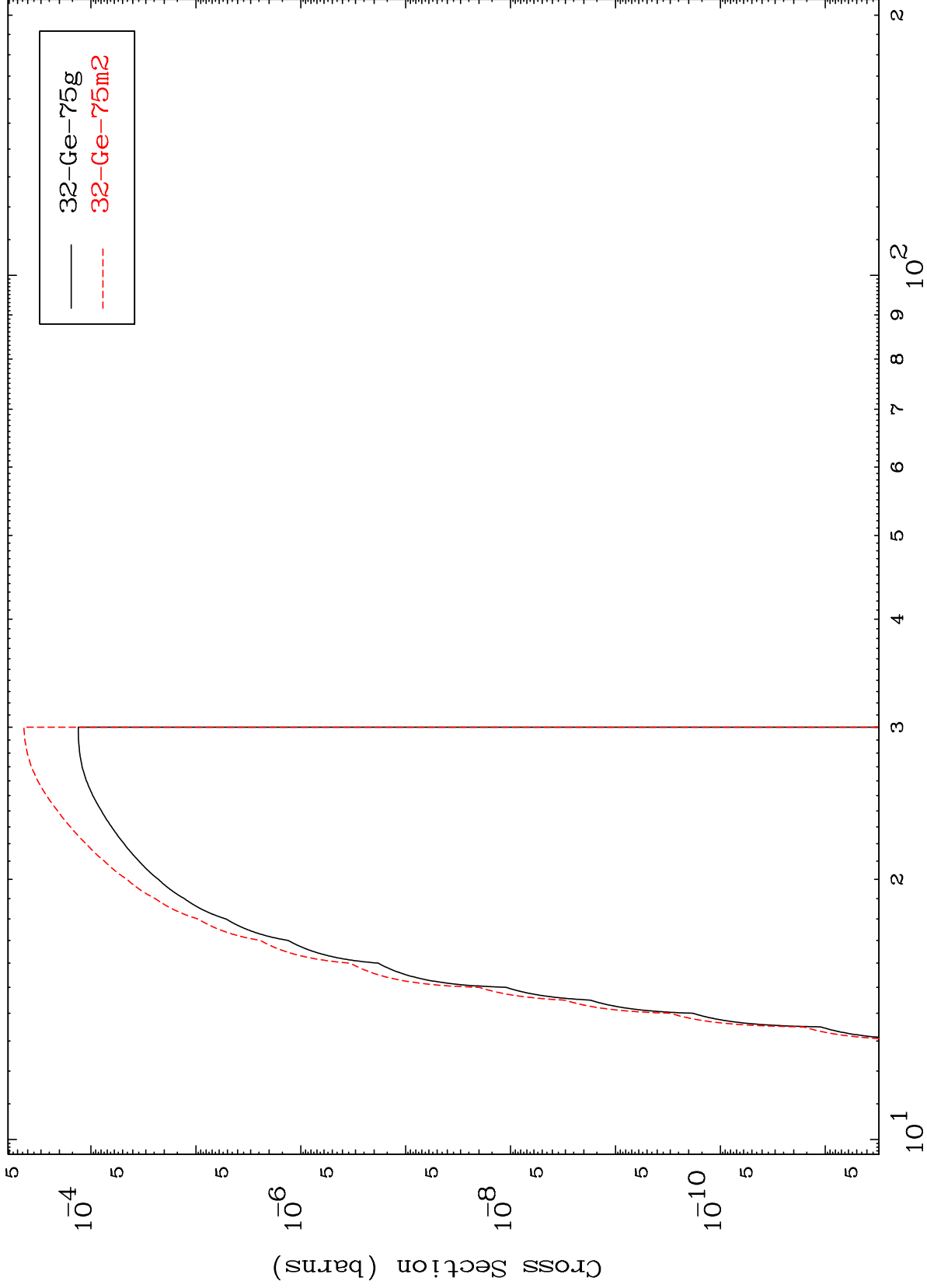
Incident Energy (MeV)

³⁴Se-76

MAT 3431

³⁴Se-76

(n,2p)
Radionuclide Production Cross Section



81

Incident Energy (MeV)

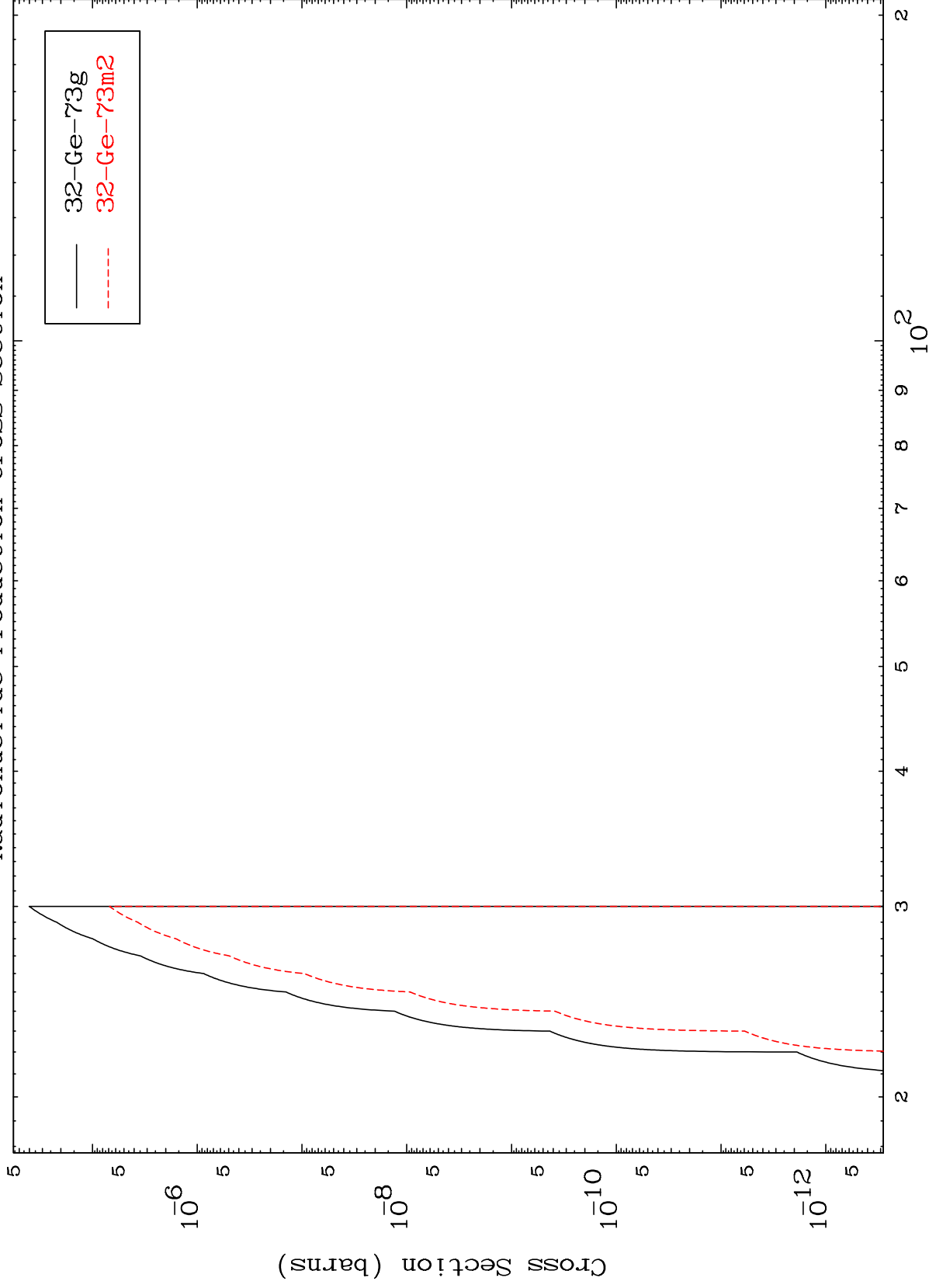
³⁴Se-76

MAT 3431

(n,p) t

³⁴Se-76

Radionuclide Production Cross Section



82

Incident Energy (MeV)

³⁴Se-76