

Program EVALPLOT
(Version 2021-1)

by

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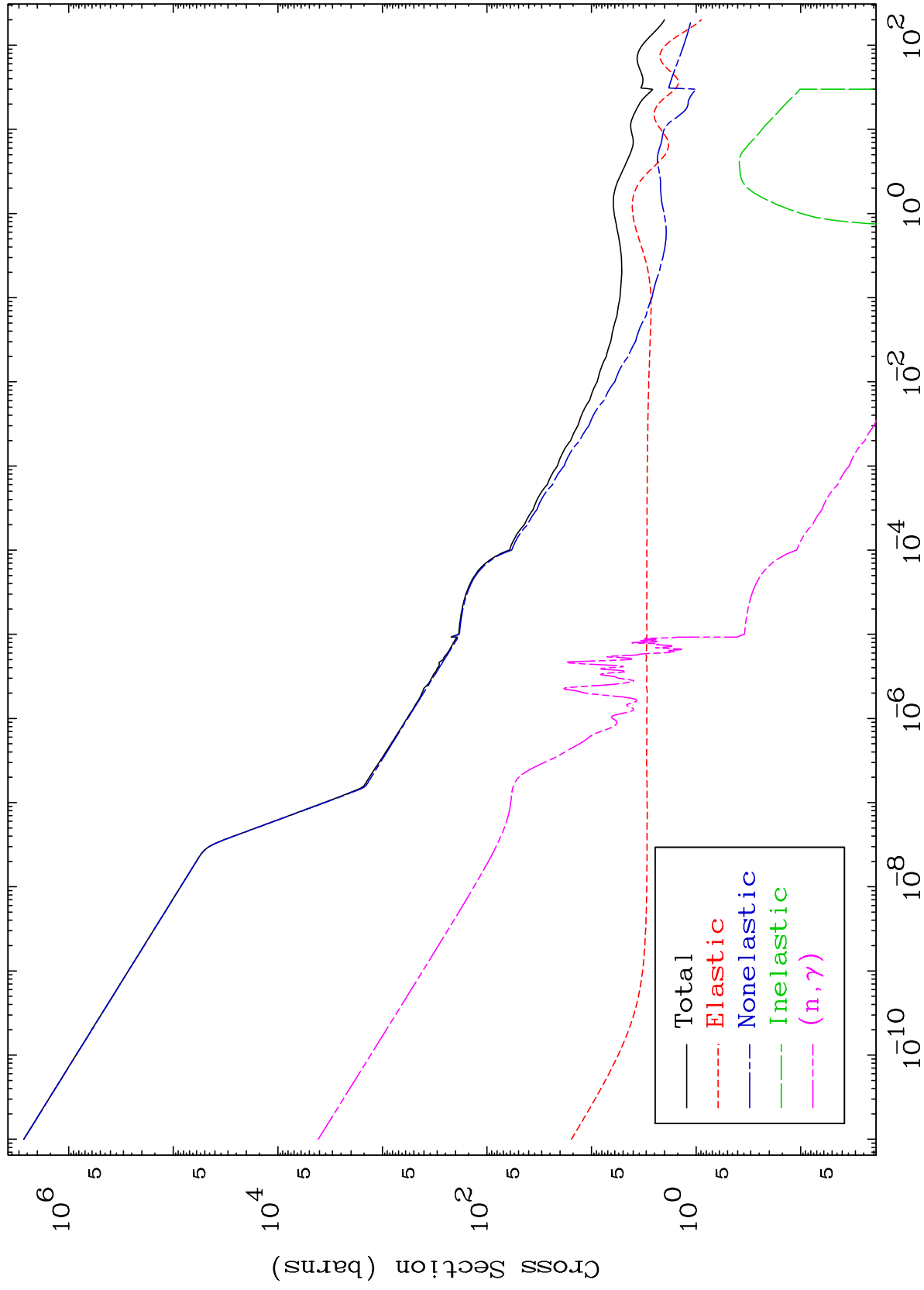
Press Mouse Button to Start

MAT 5668

Neutron Major

293 Kelvin Cross Sections

57-La-119



1

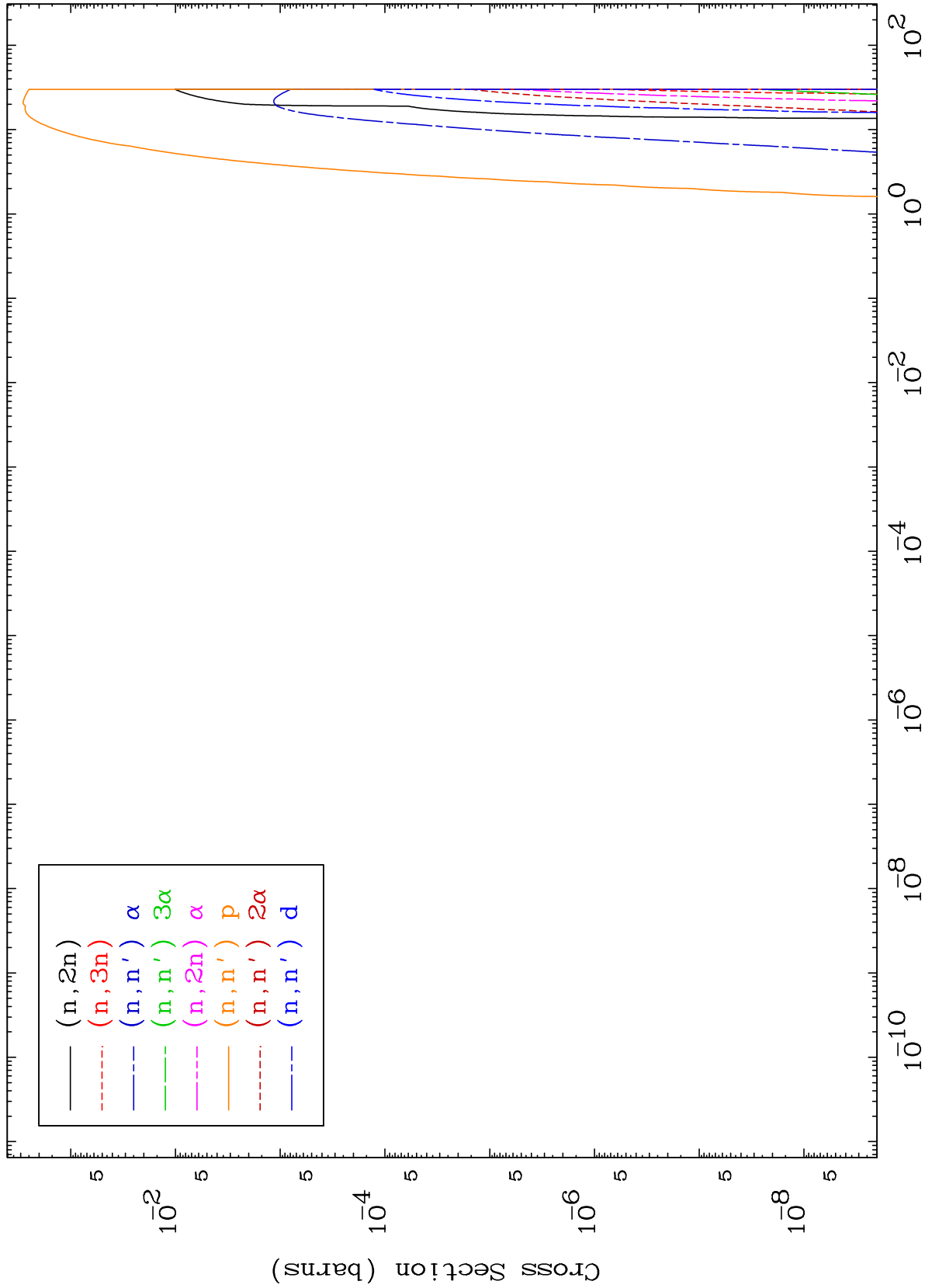
Incident Energy (MeV)

57-La-119

MAT 5668

Neutron Absorption
293 Kelvin Cross Sections

57-La-119



2

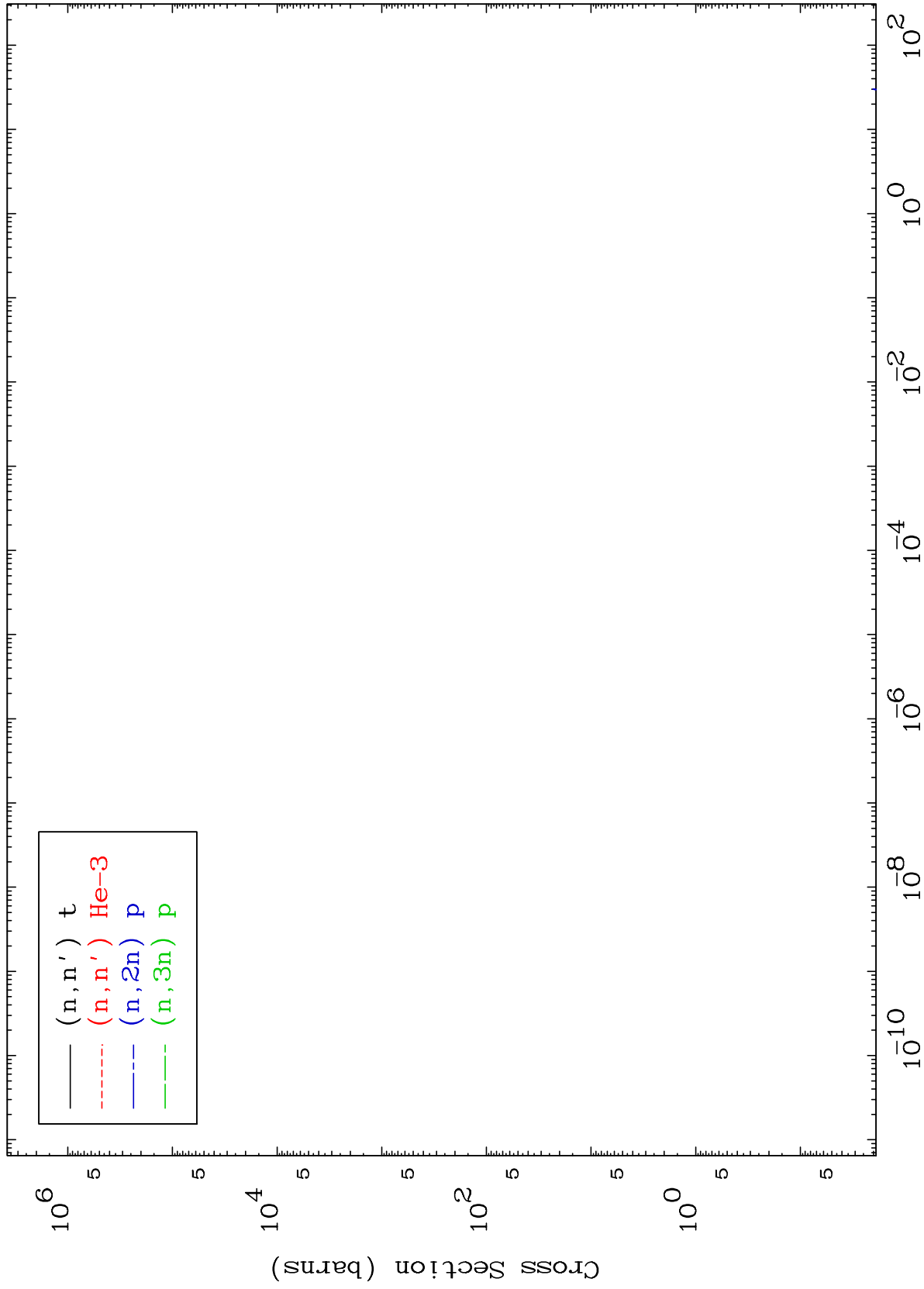
Incident Energy (MeV)

57-La-119

MAT 5668

Neutron Absorption
293 Kelvin Cross Sections

57-La-119



3

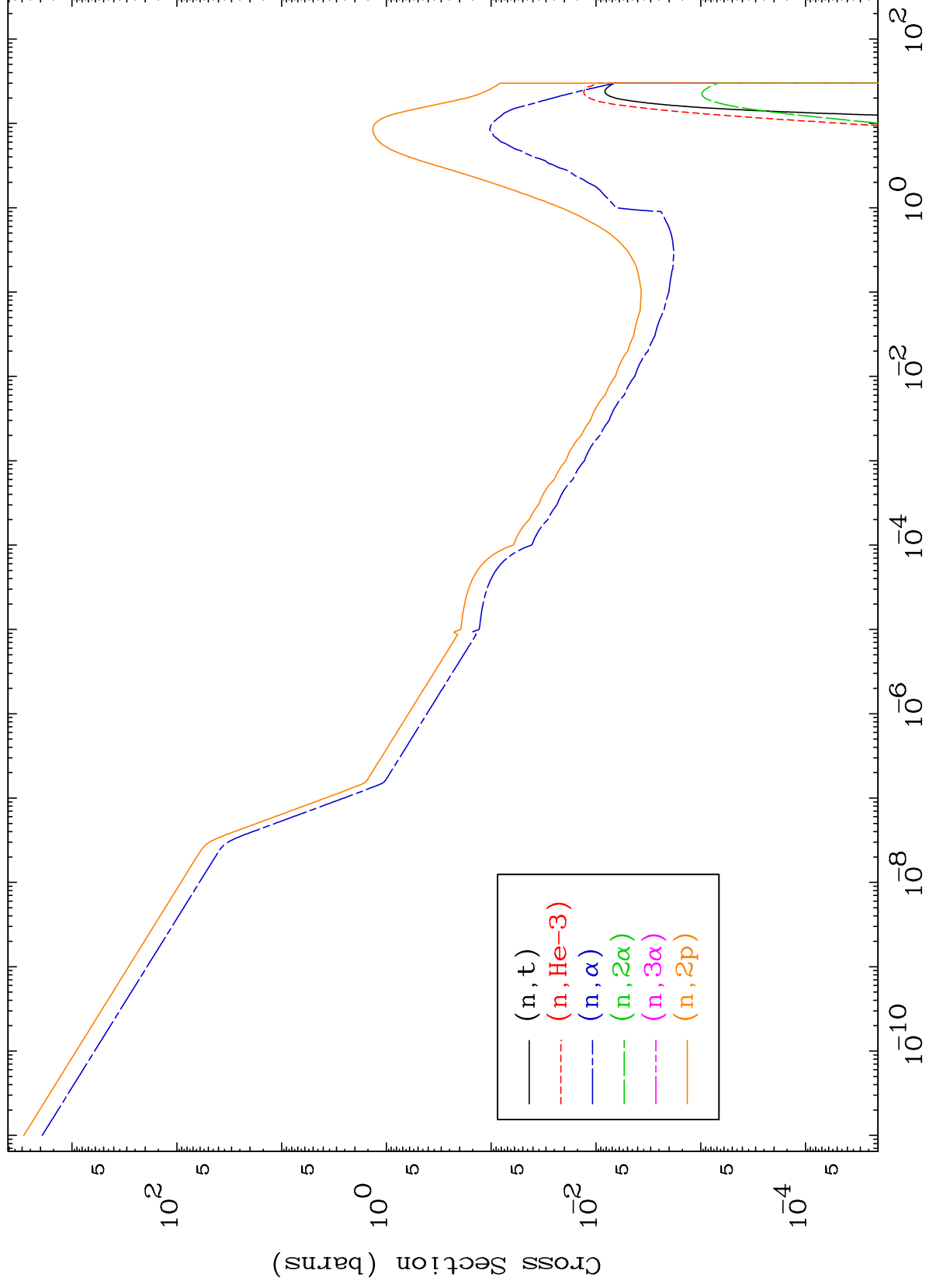
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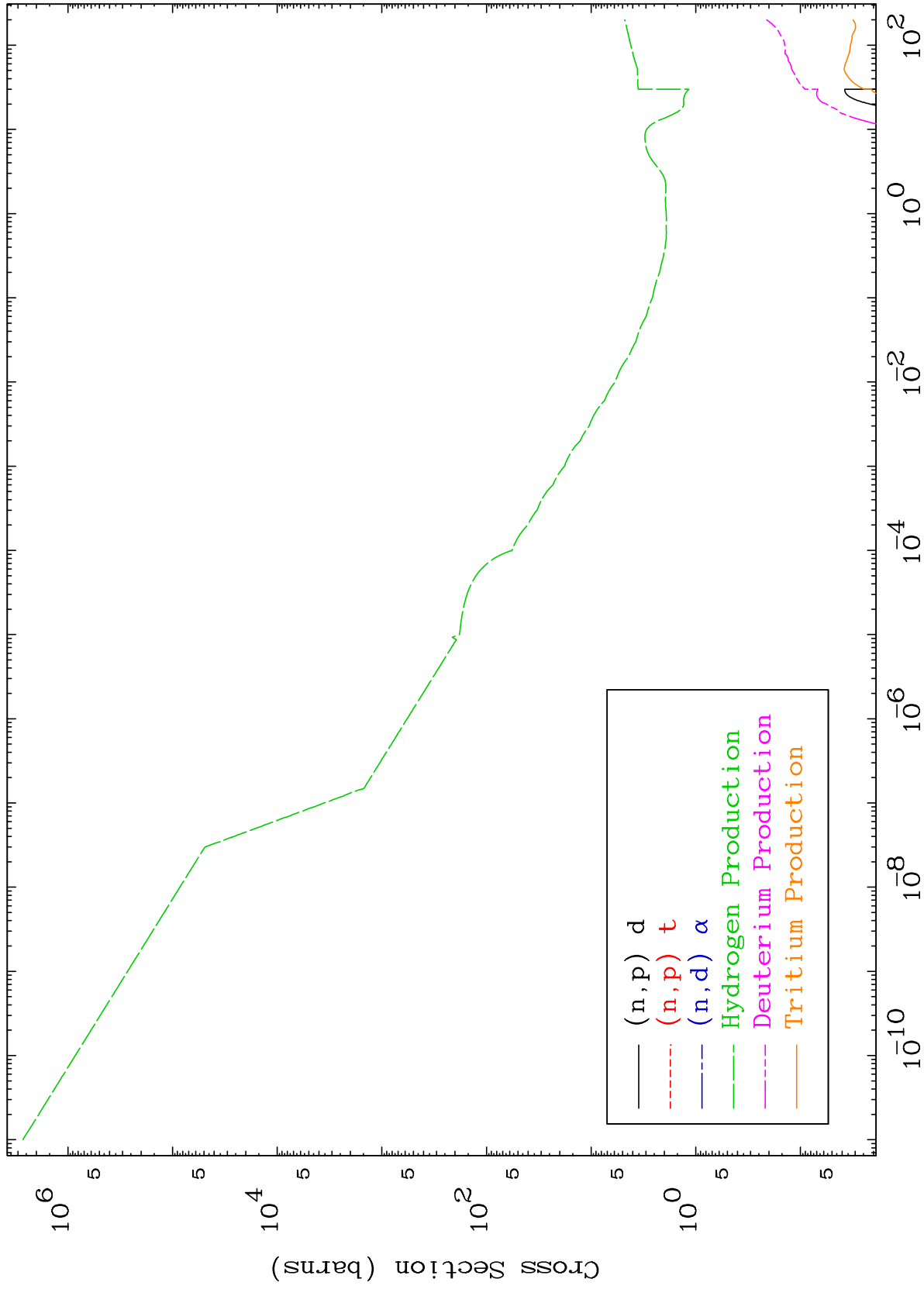
57-La-119

MAT 5668

Neutron Absorption
293 Kelvin Cross Sections

57-La-119

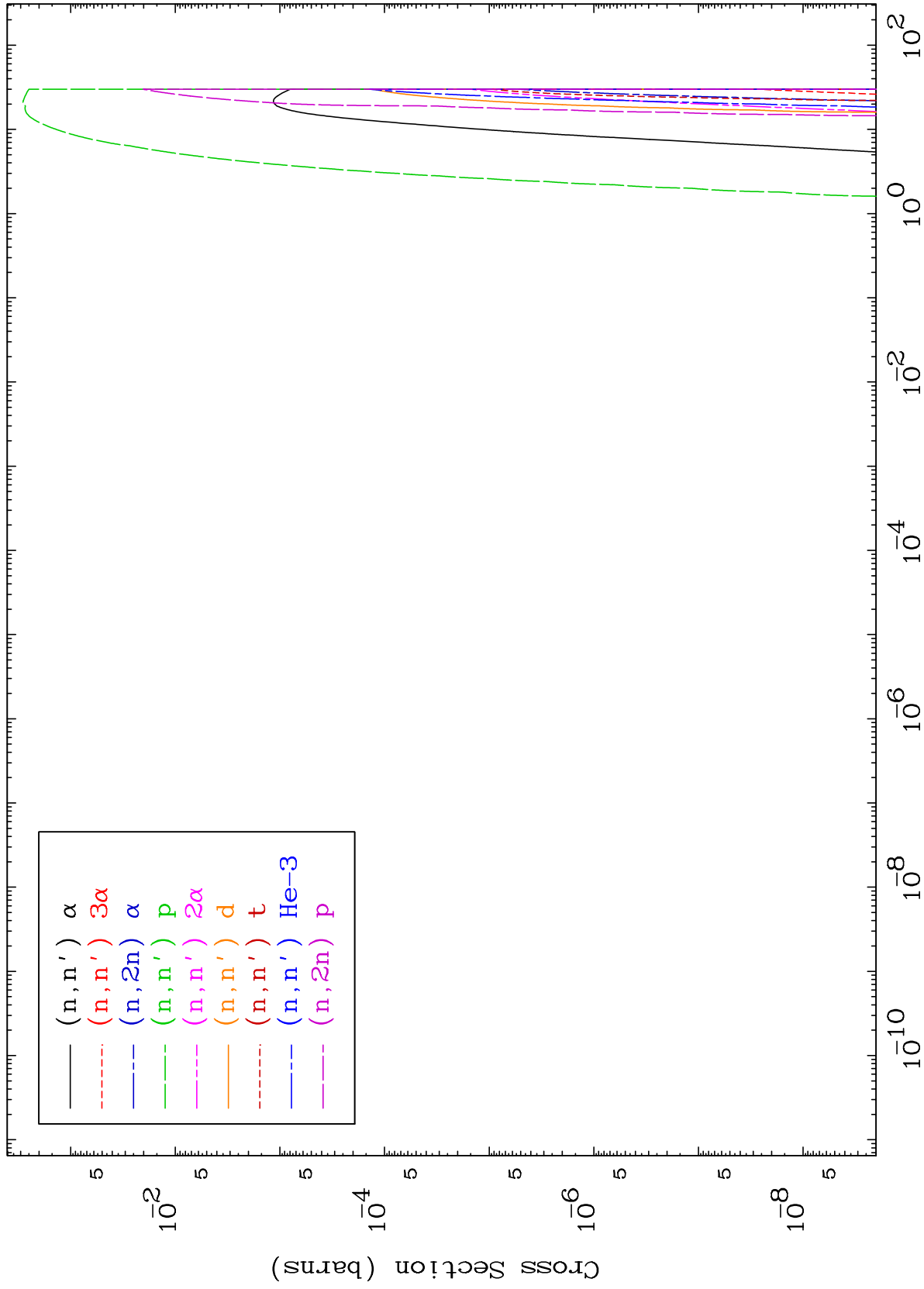




MAT 5668

Charged Particle
293 Kelvin Cross Sections

57-La-119



6

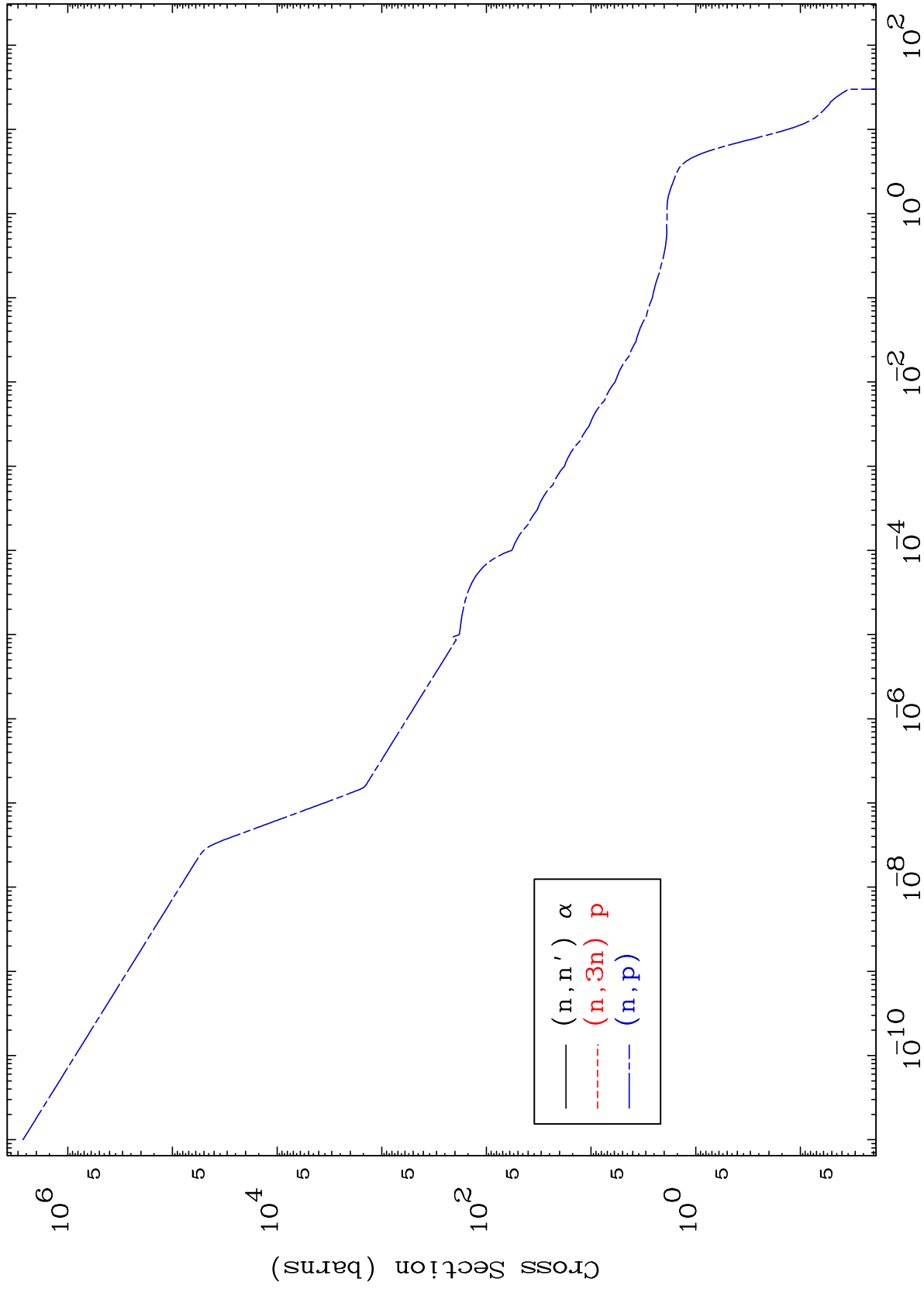
Incident Energy (MeV)

57-La-119

MAT 5668

Charged Particle
293 Kelvin Cross Sections

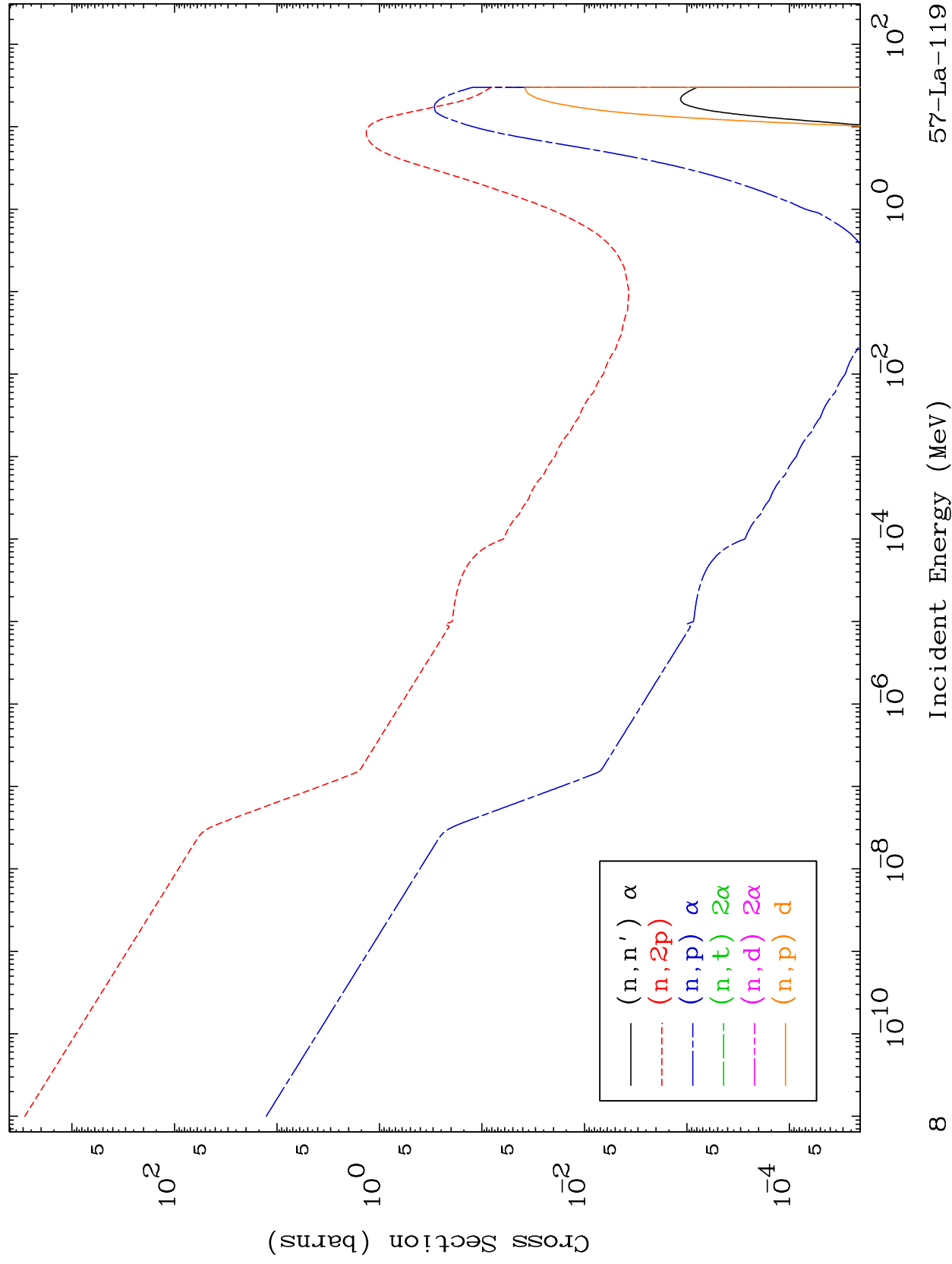
57-La-119



7

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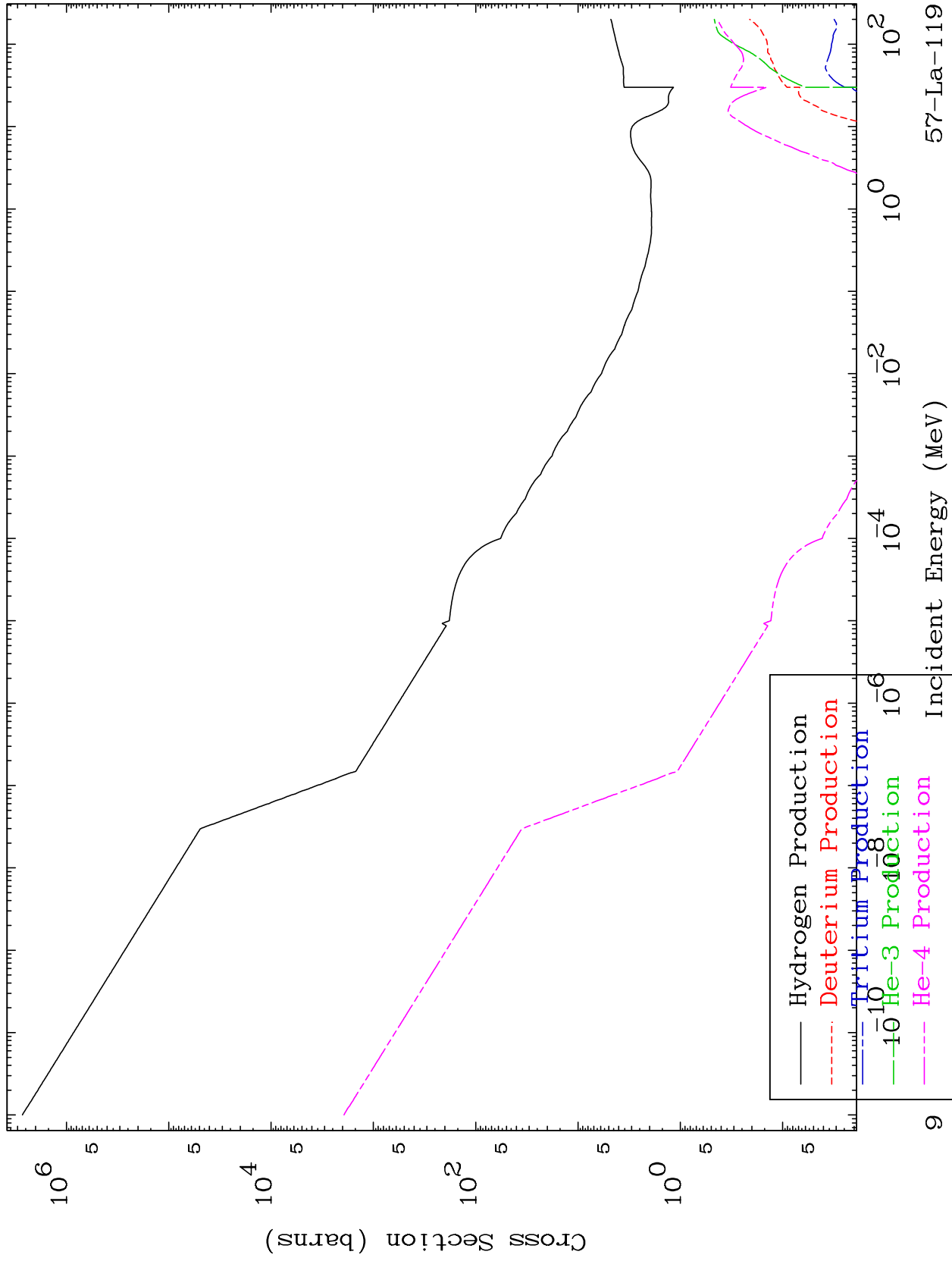
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MAT 5668

Particle Production
293 Kelvin Cross Sections

57-La-119



9

Incident Energy (MeV)

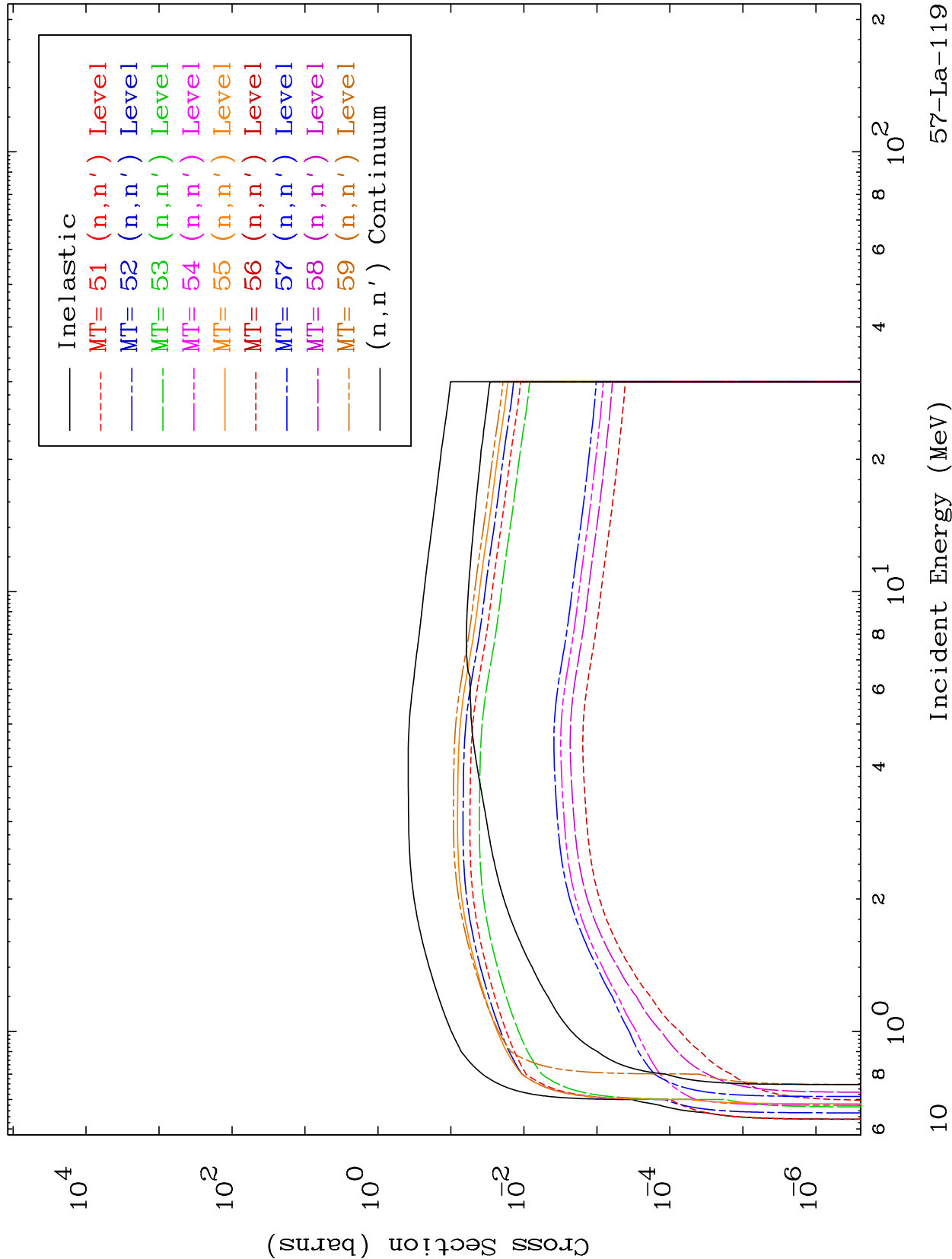
57-La-119

MAT 5668

(n,n') Levels

293 Kelvin Cross Sections

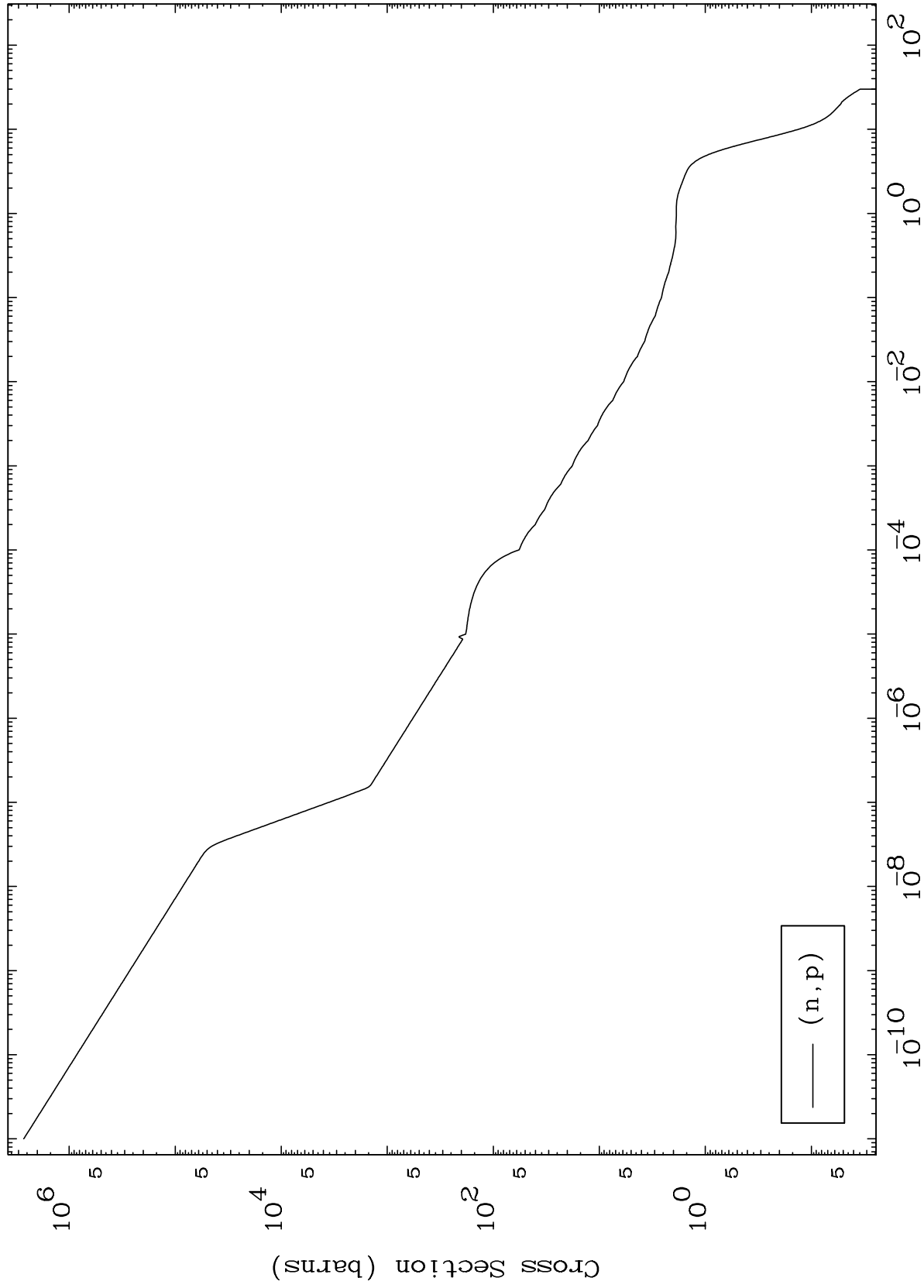
57-La-119



MAT 5668

(n,p) Levels
293 Kelvin Cross Sections

57-La-119



11

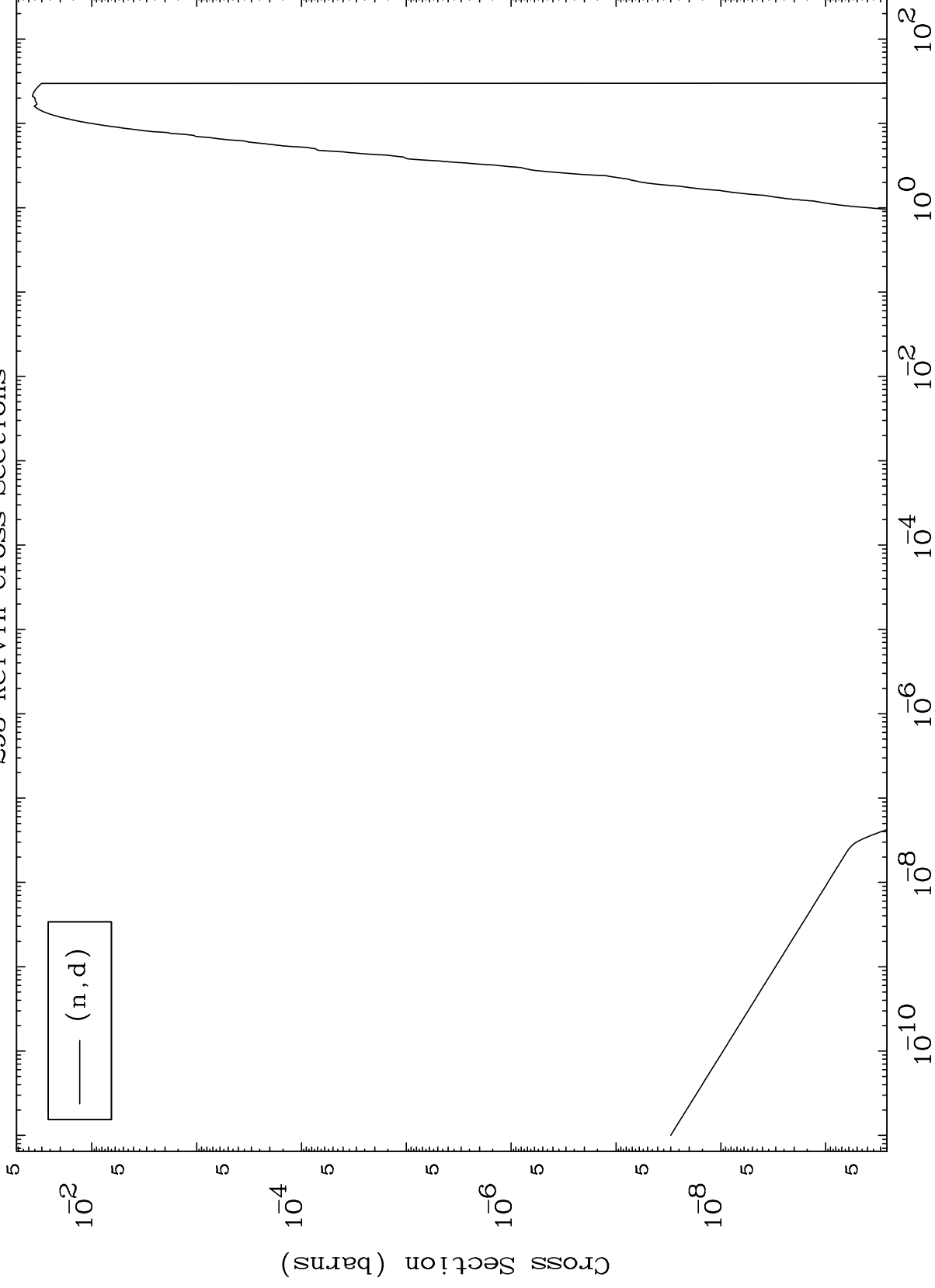
Incident Energy (MeV)

57-La-119

MAT 5668

(n,d) Levels
293 Kelvin Cross Sections

57-La-119



12

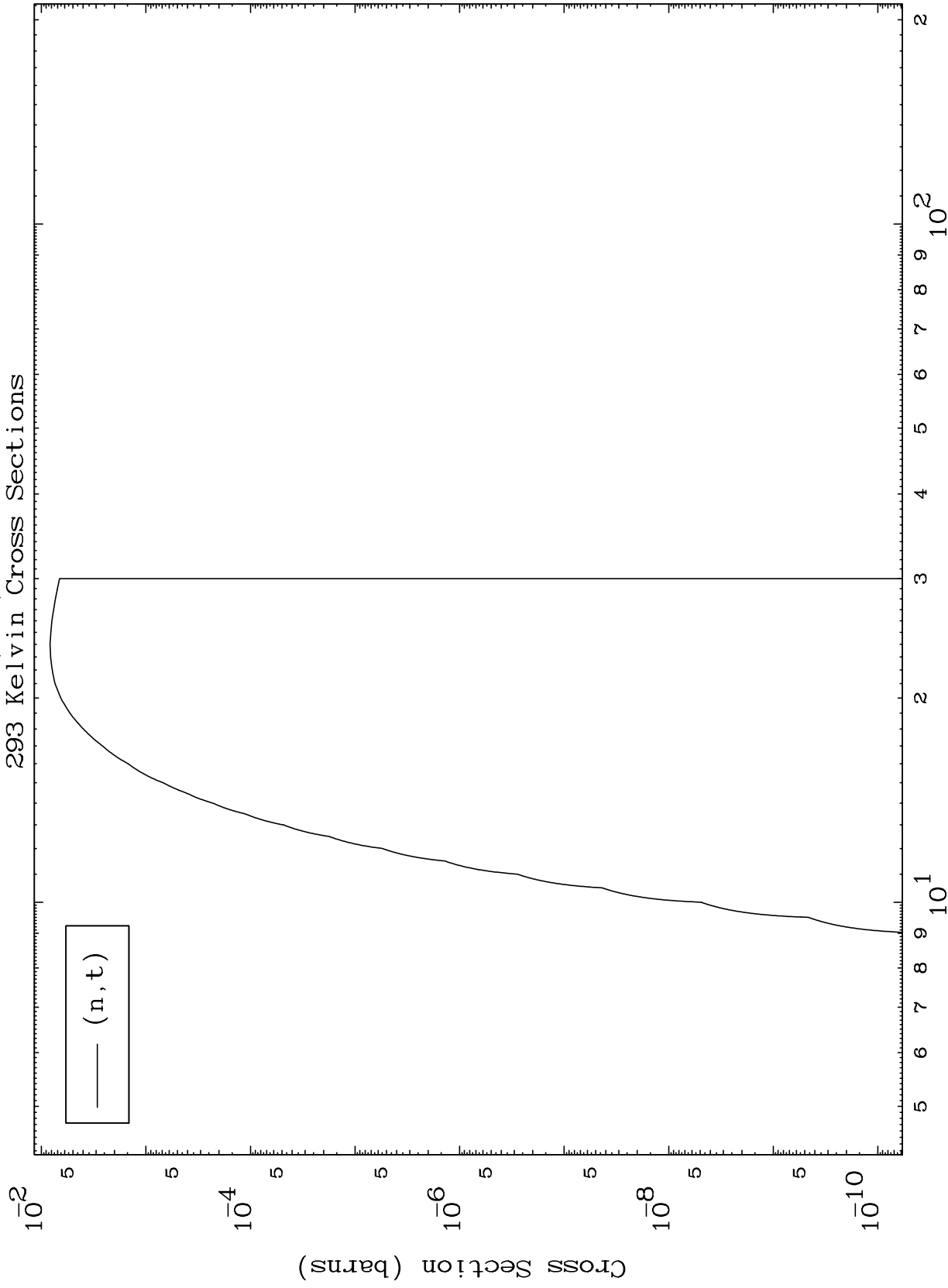
Incident Energy (MeV)

57-La-119

MAT 5668

57-La-119

(n,t) Levels
293 Kelvin Cross Sections



13

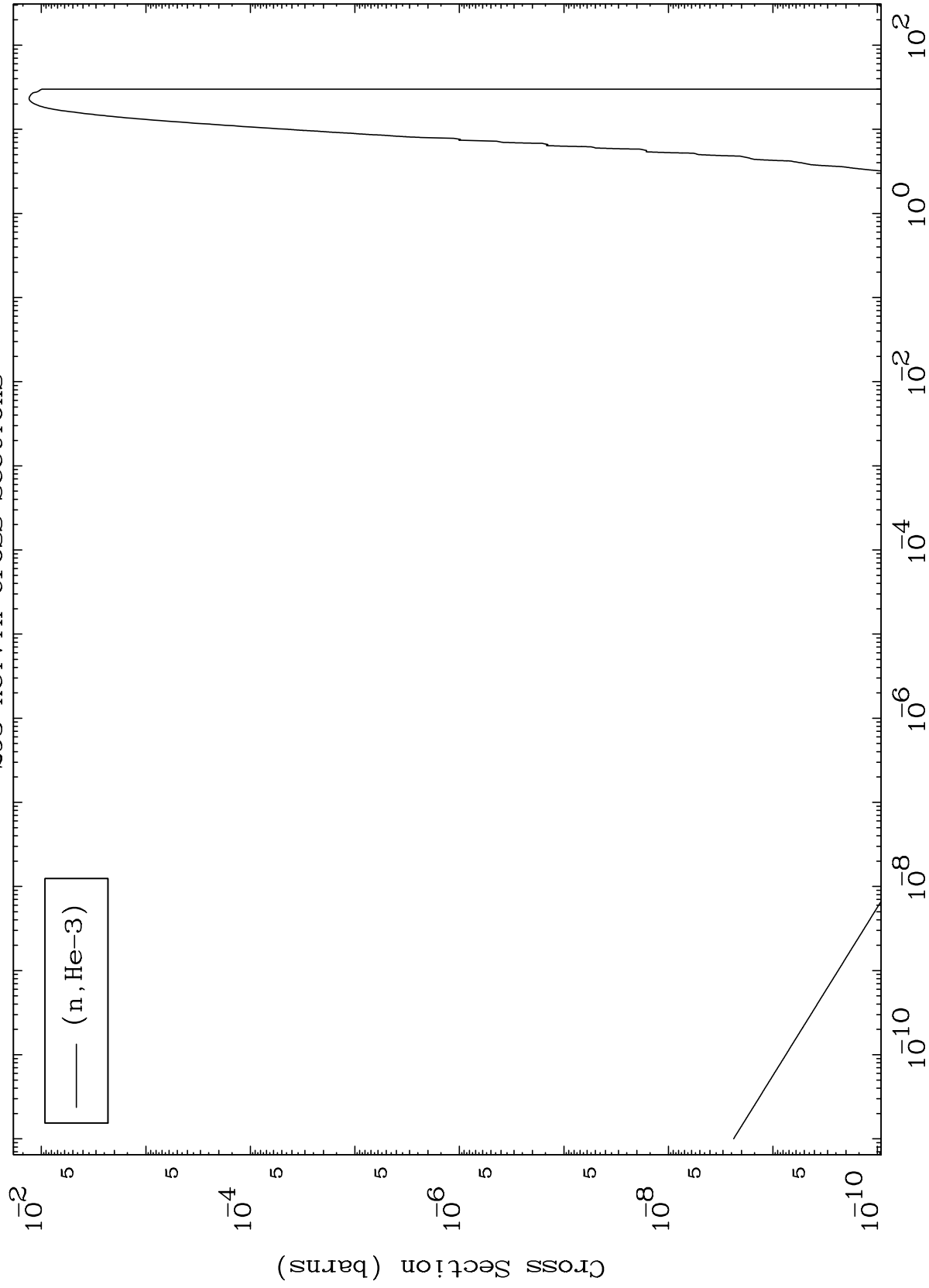
Incident Energy (MeV)

57-La-119

MAT 5668

(n,He3) Levels
293 Kelvin Cross Sections

57-La-119



14

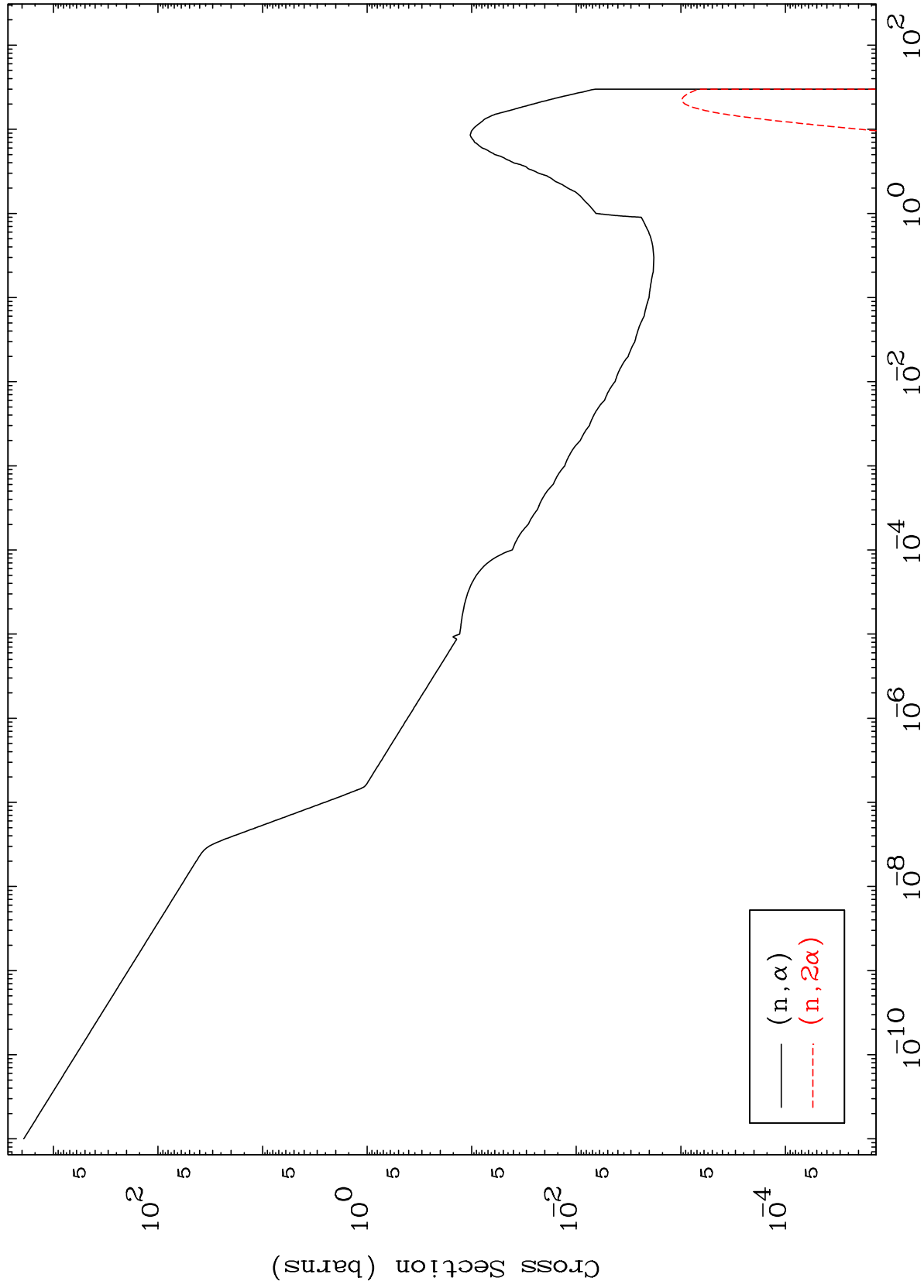
Incident Energy (MeV)

57-La-119

MAT 5668

(n, α) Levels
293 Kelvin Cross Sections

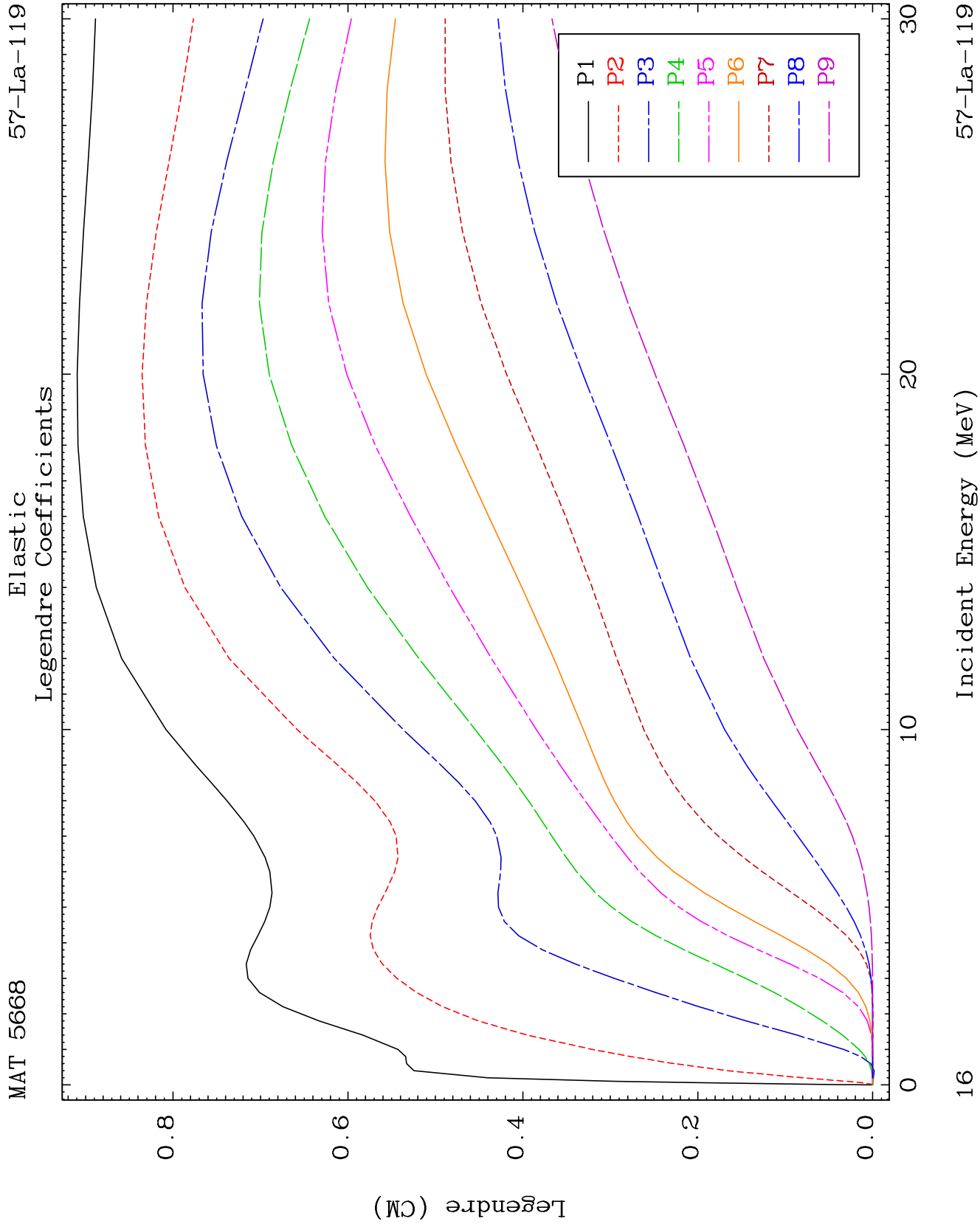
57-La-119



15

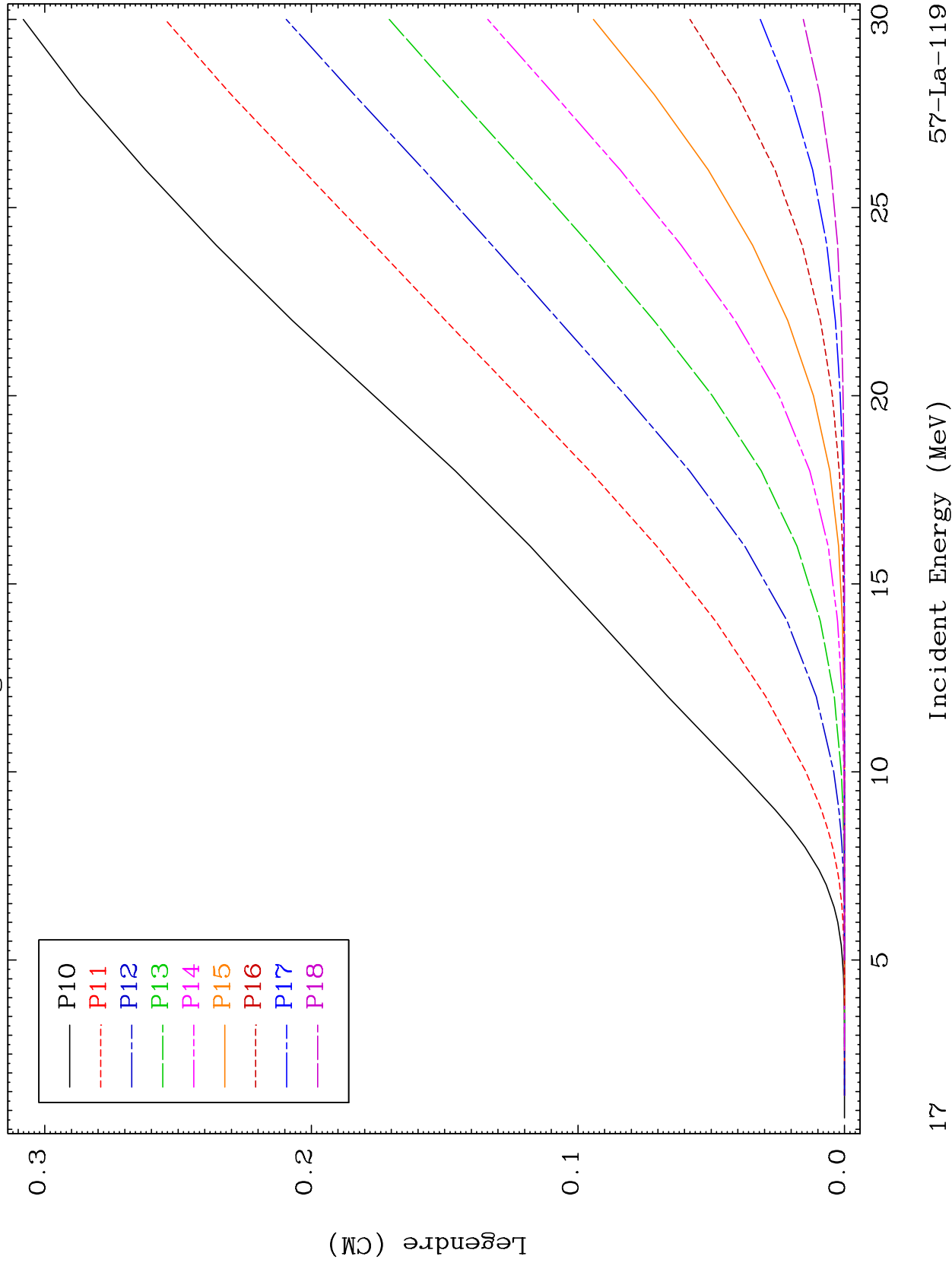
Incident Energy (MeV)

57-La-119



57-La-119

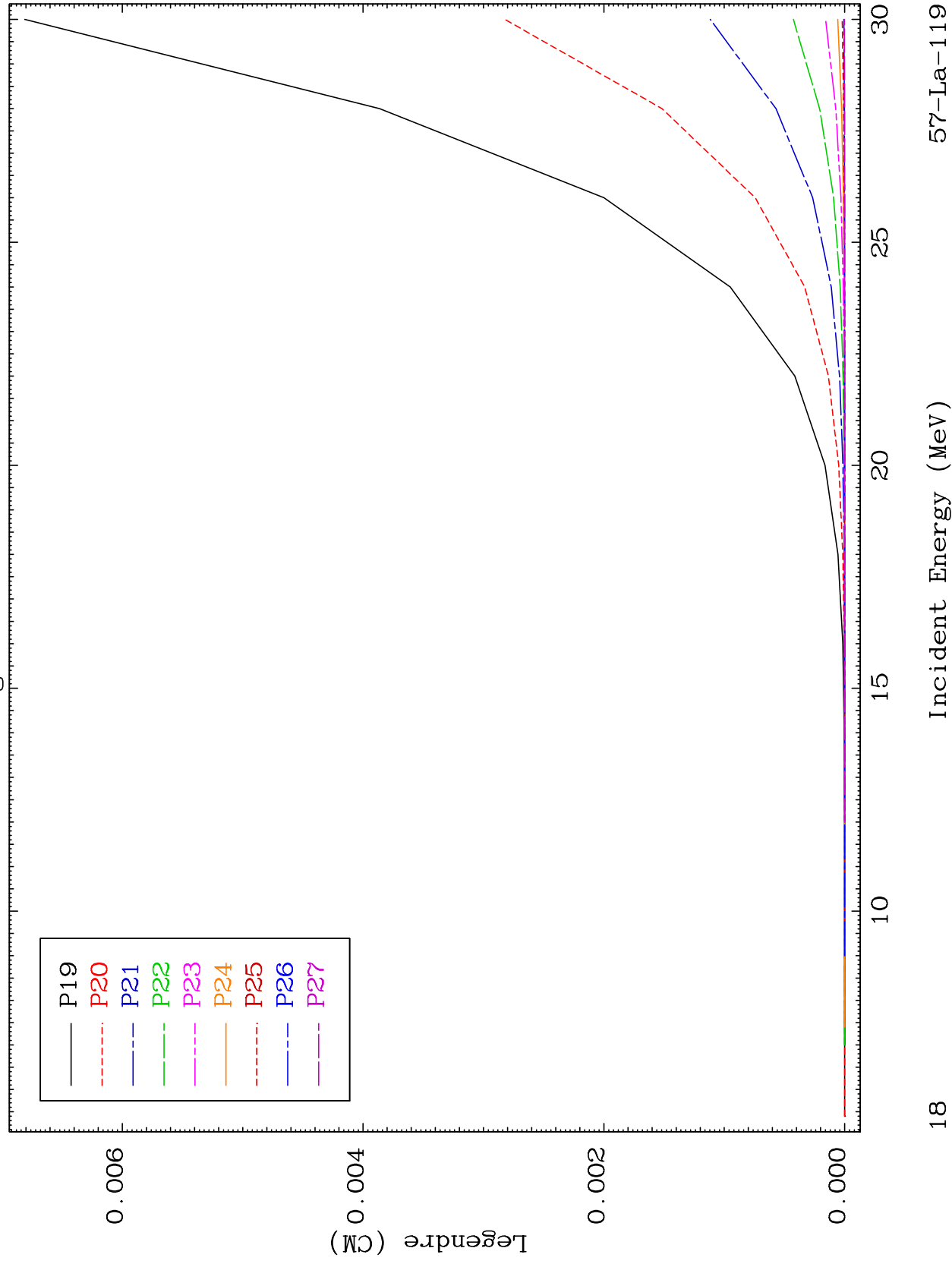
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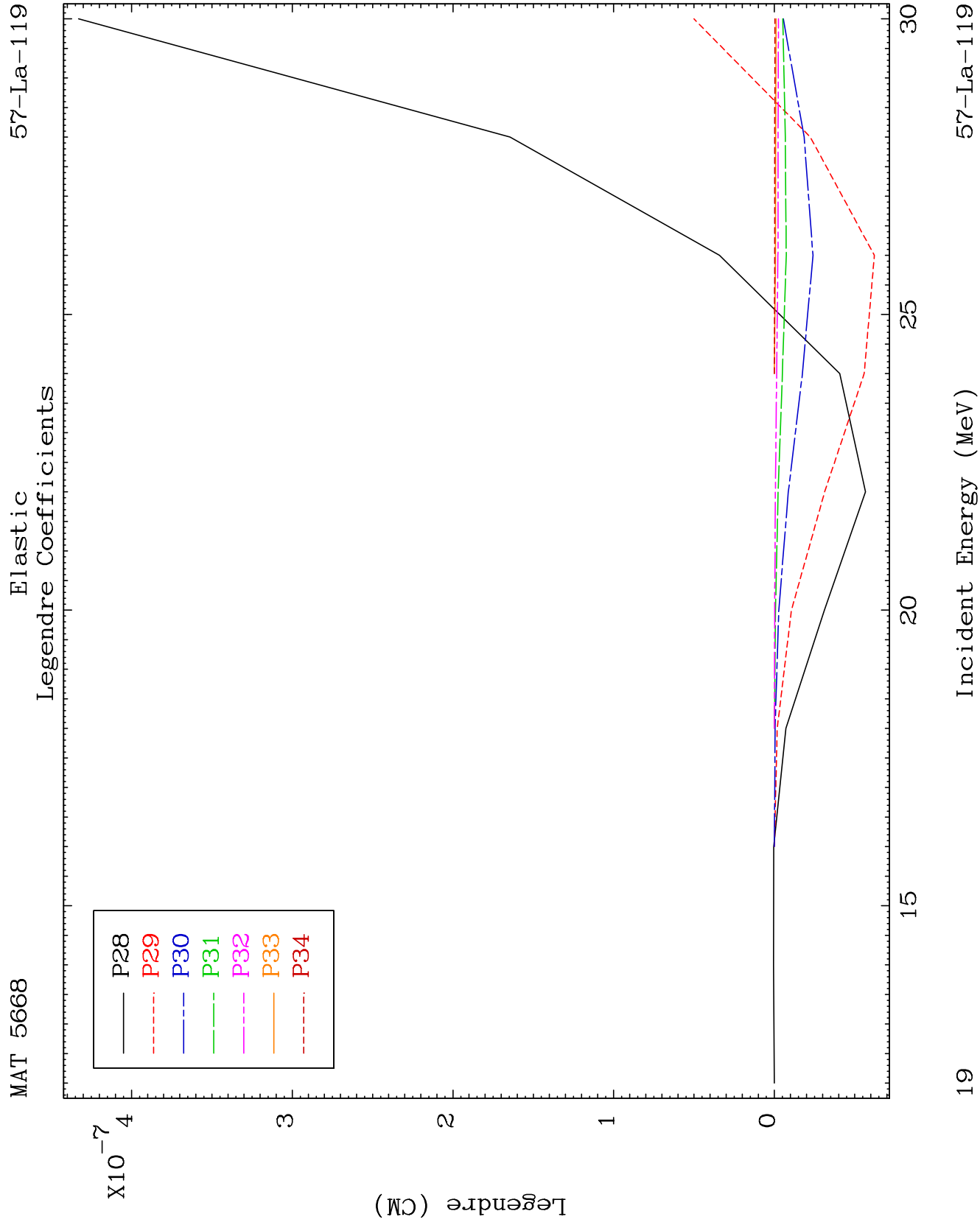


MAT 5668

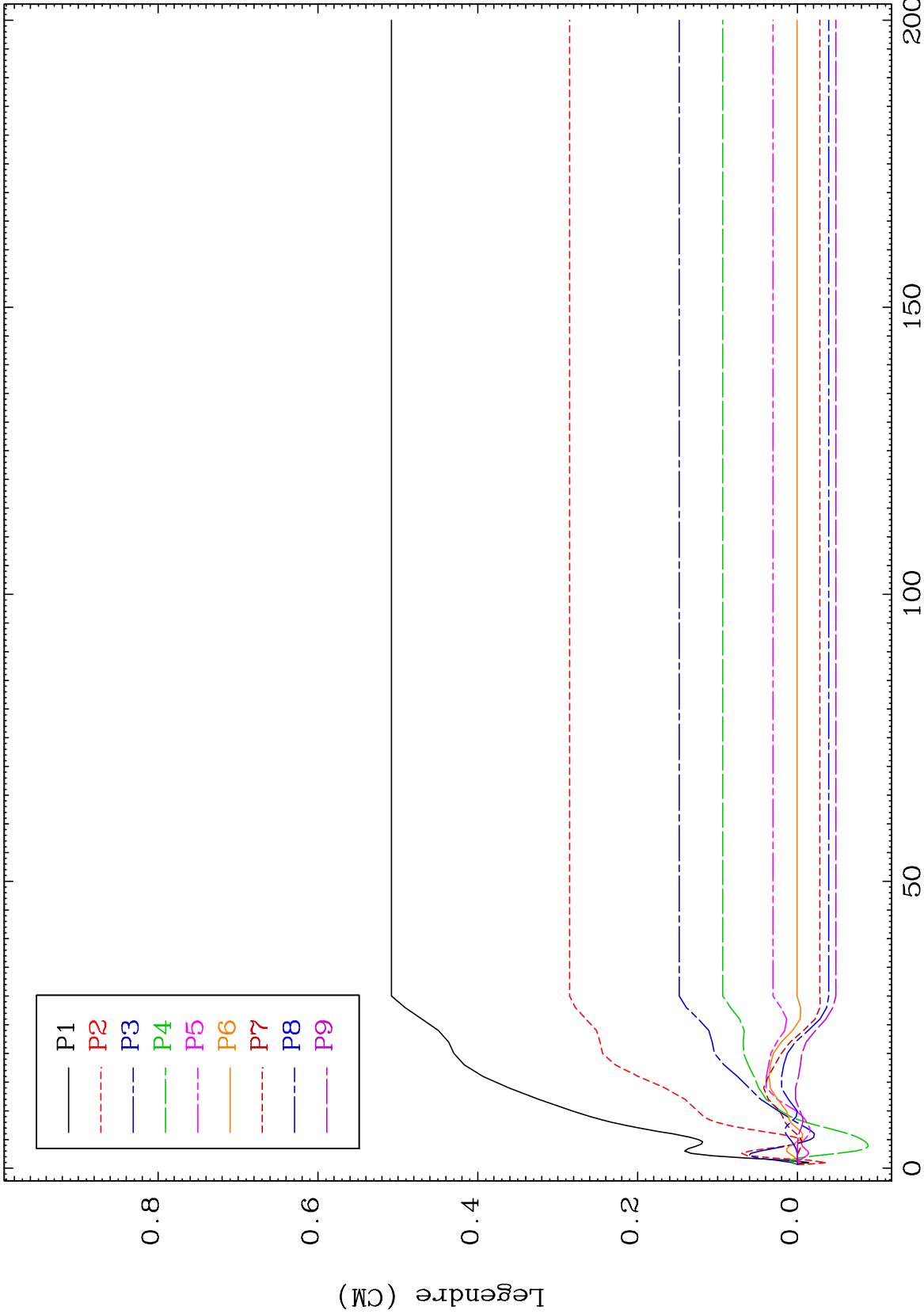
Elastic Legendre Coefficients

57-La-119





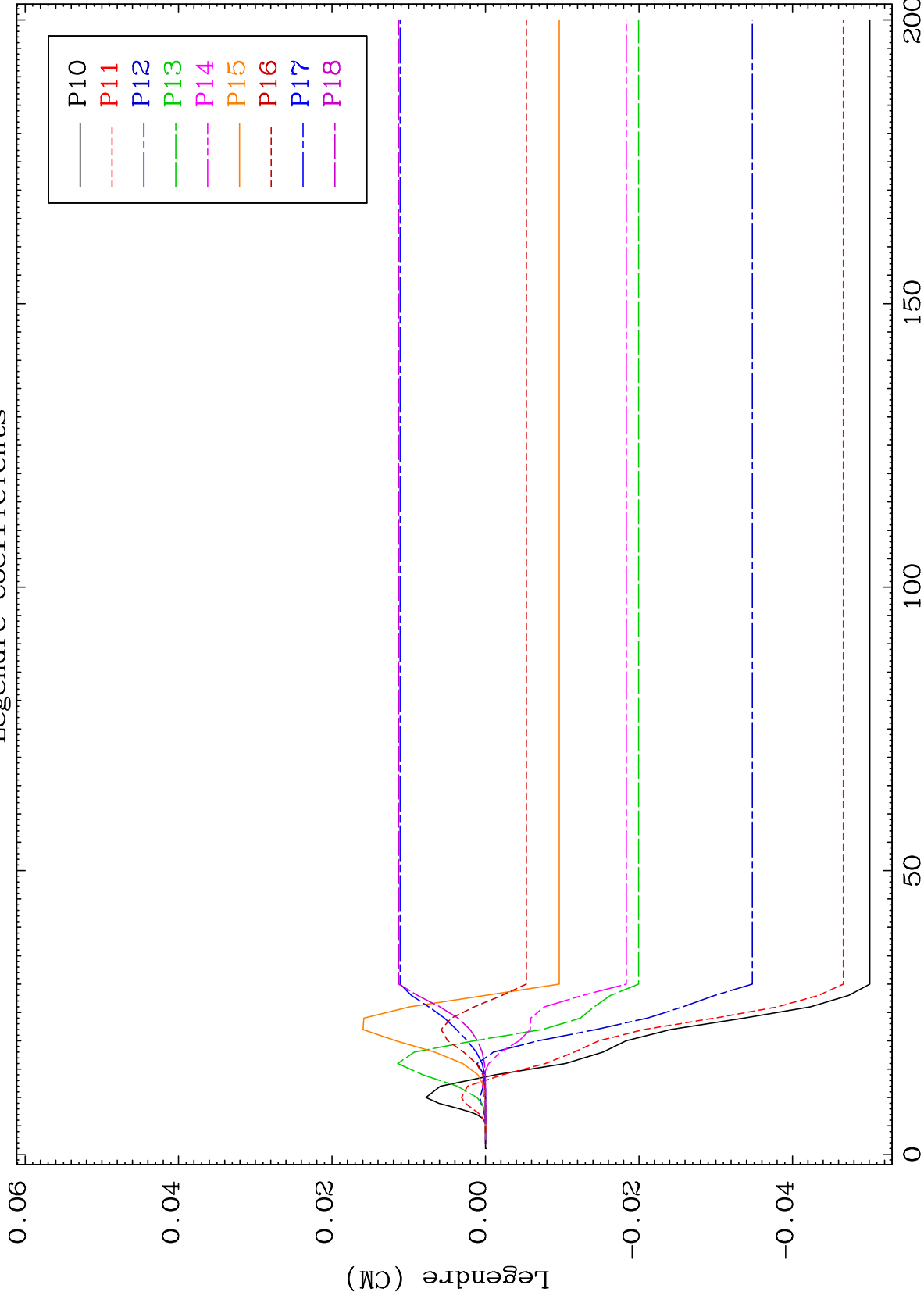
MAT 5668 MT= 51 (n,n') Level Legendre Coefficients 57-La-119



20 50 100 150 200 57-La-119

MAT 5668 MT= 51 (n,n') Level Legendre Coefficients

57-La-119



57-La-119

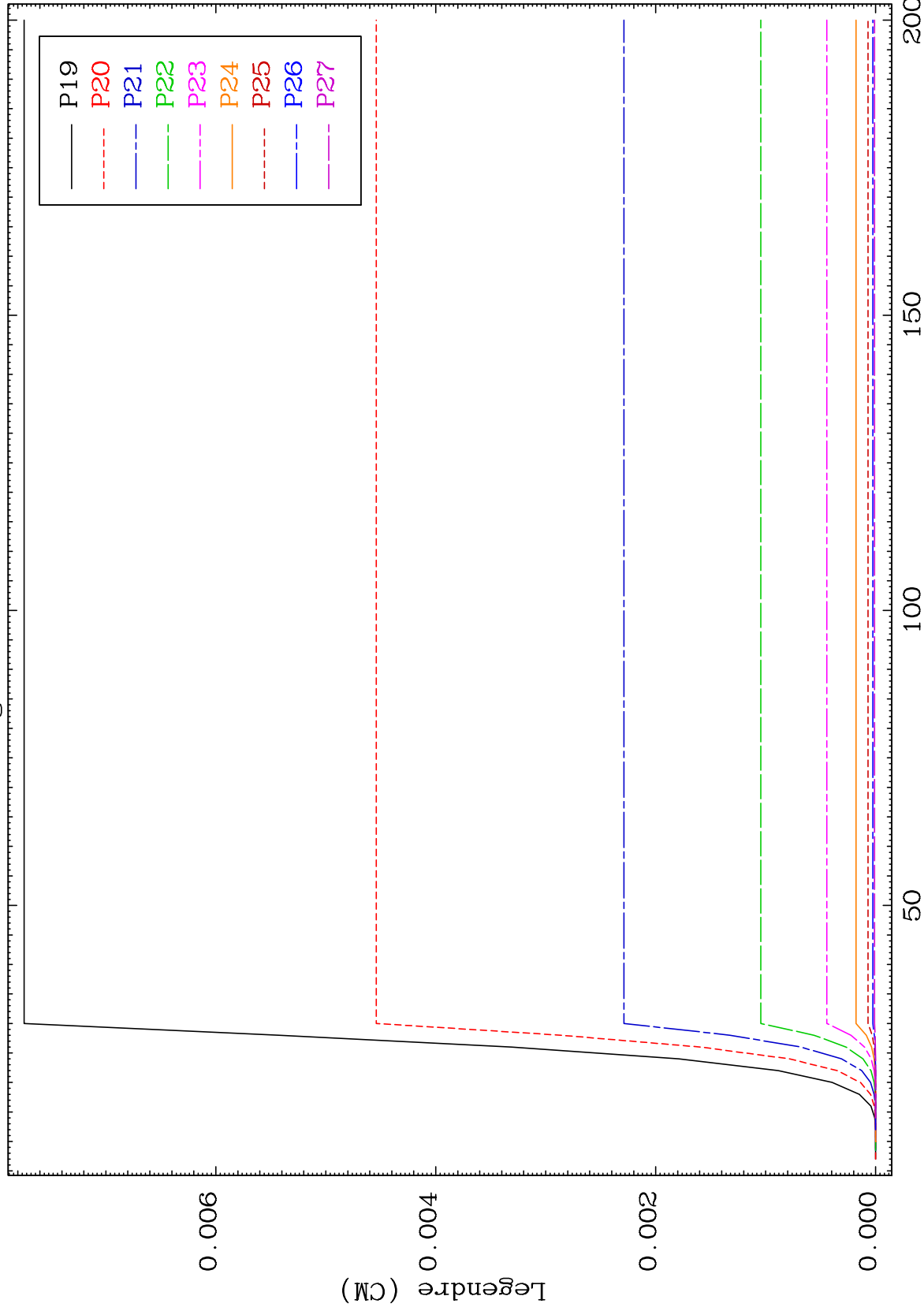
Incident Energy (MeV)

21

MAT 5668

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

57-La-119



22

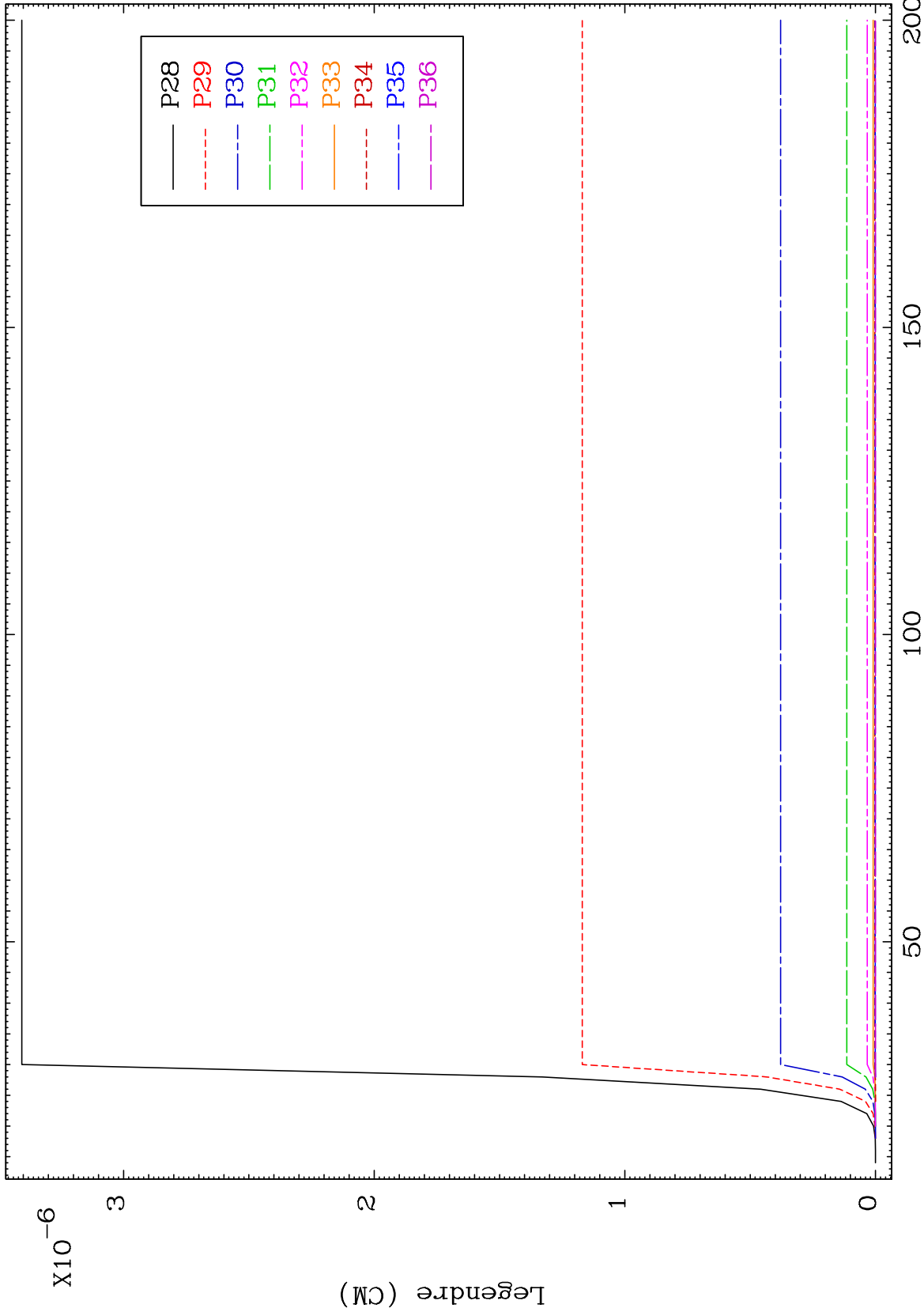
Incident Energy (MeV)

57-La-119

MAT 5668

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

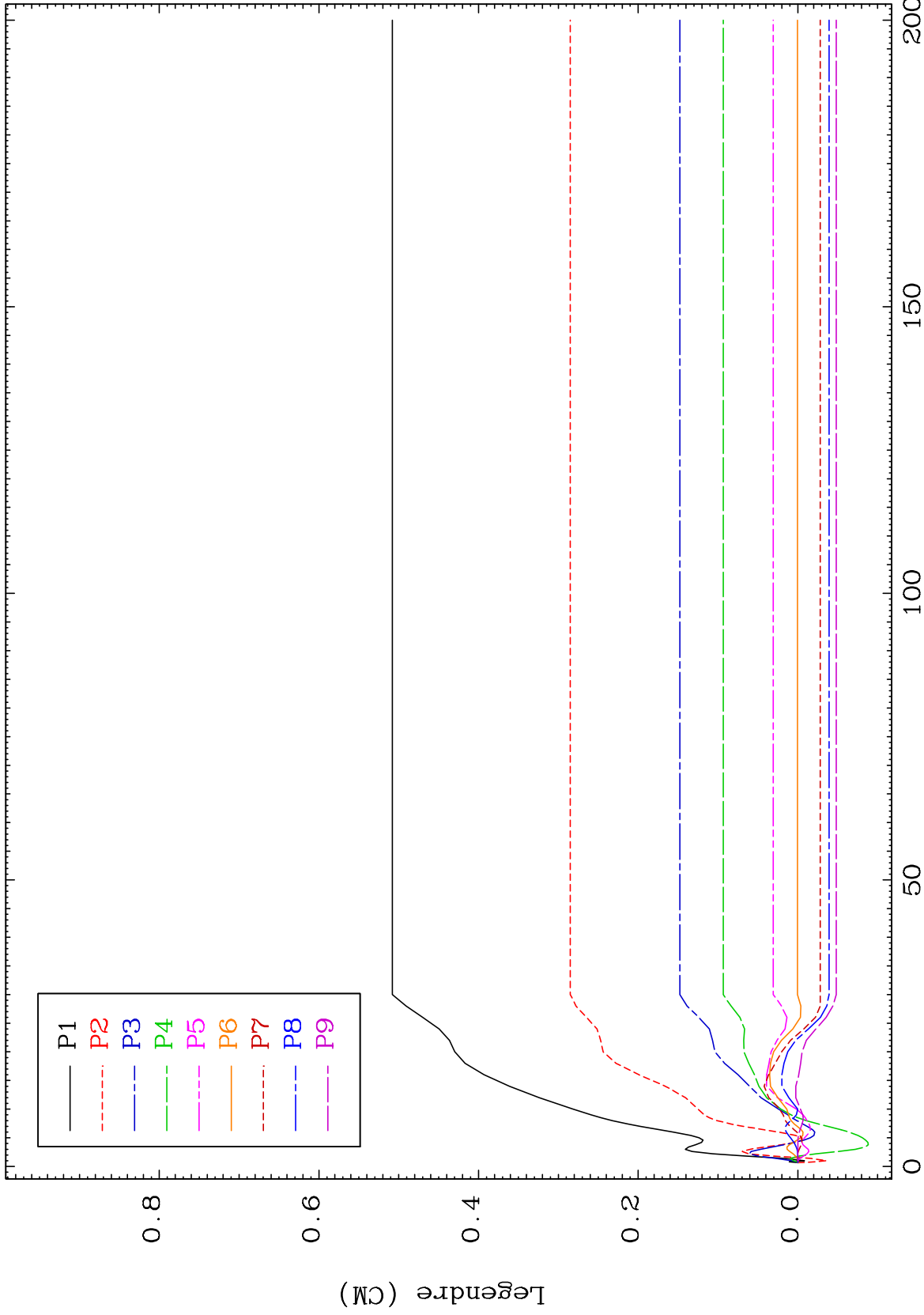
57-La-119



23

Incident Energy (MeV)

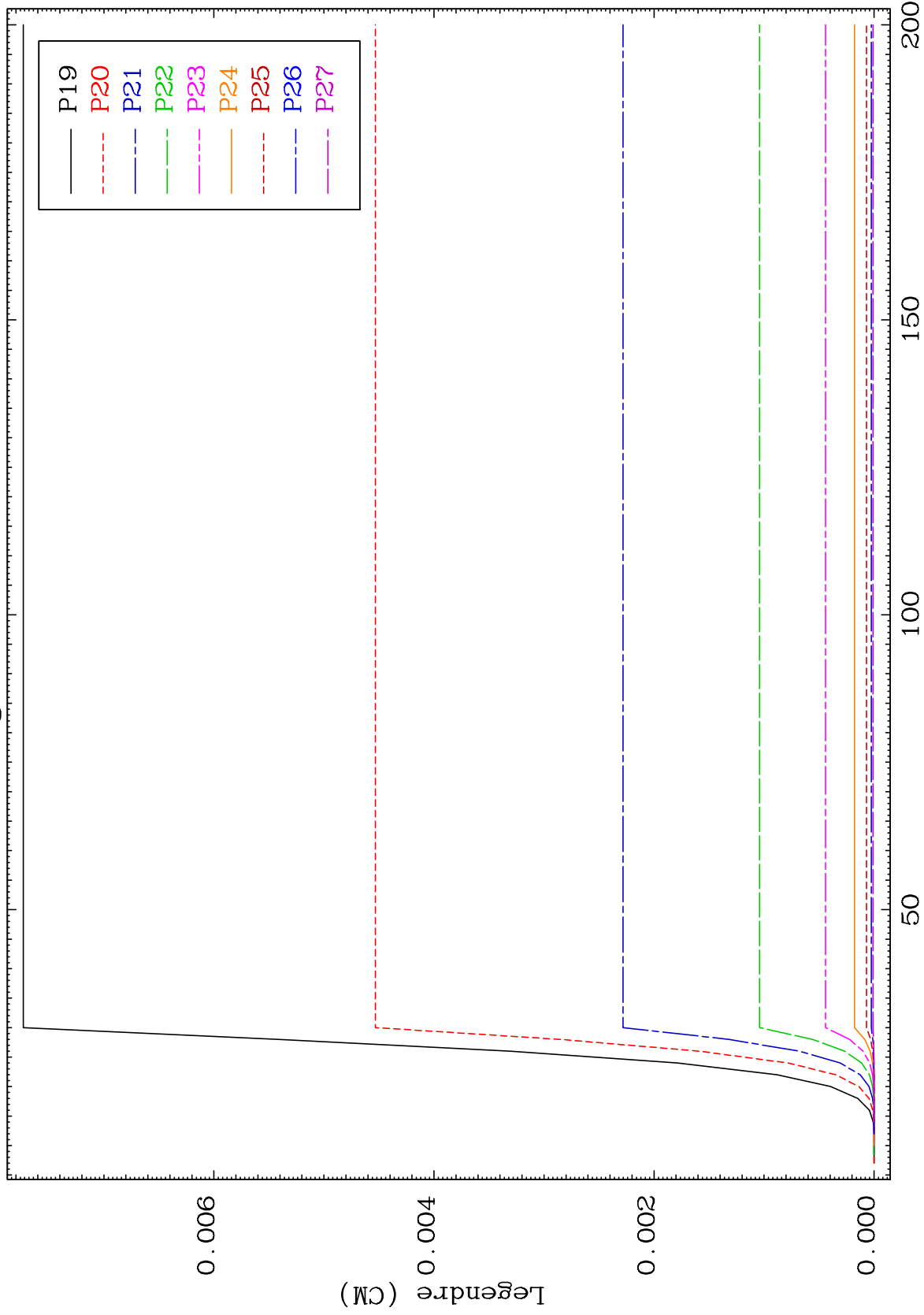
57-La-119



MAT 5668

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

57-La-119



26

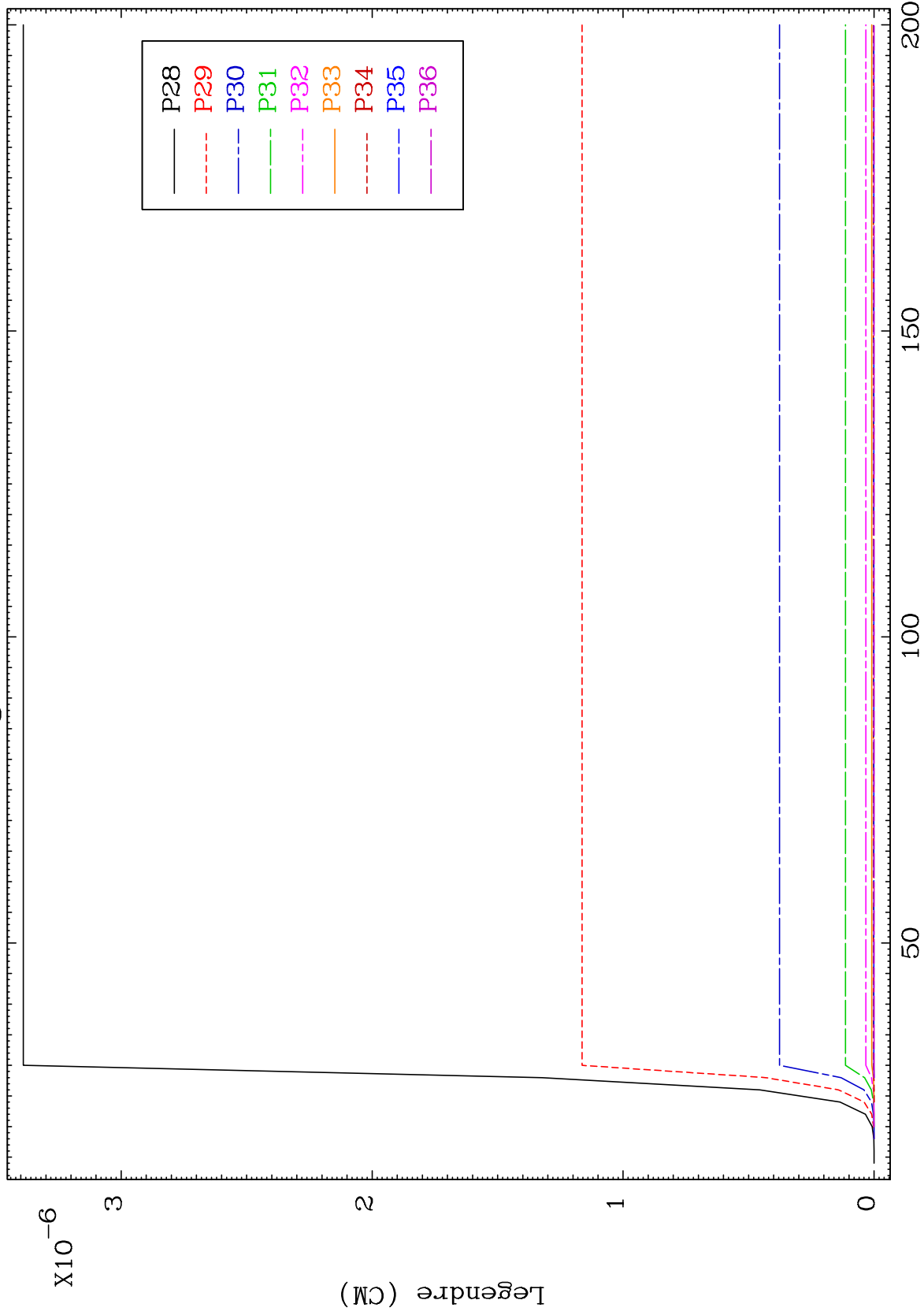
Incident Energy (MeV)

57-La-119

MAT 5668

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

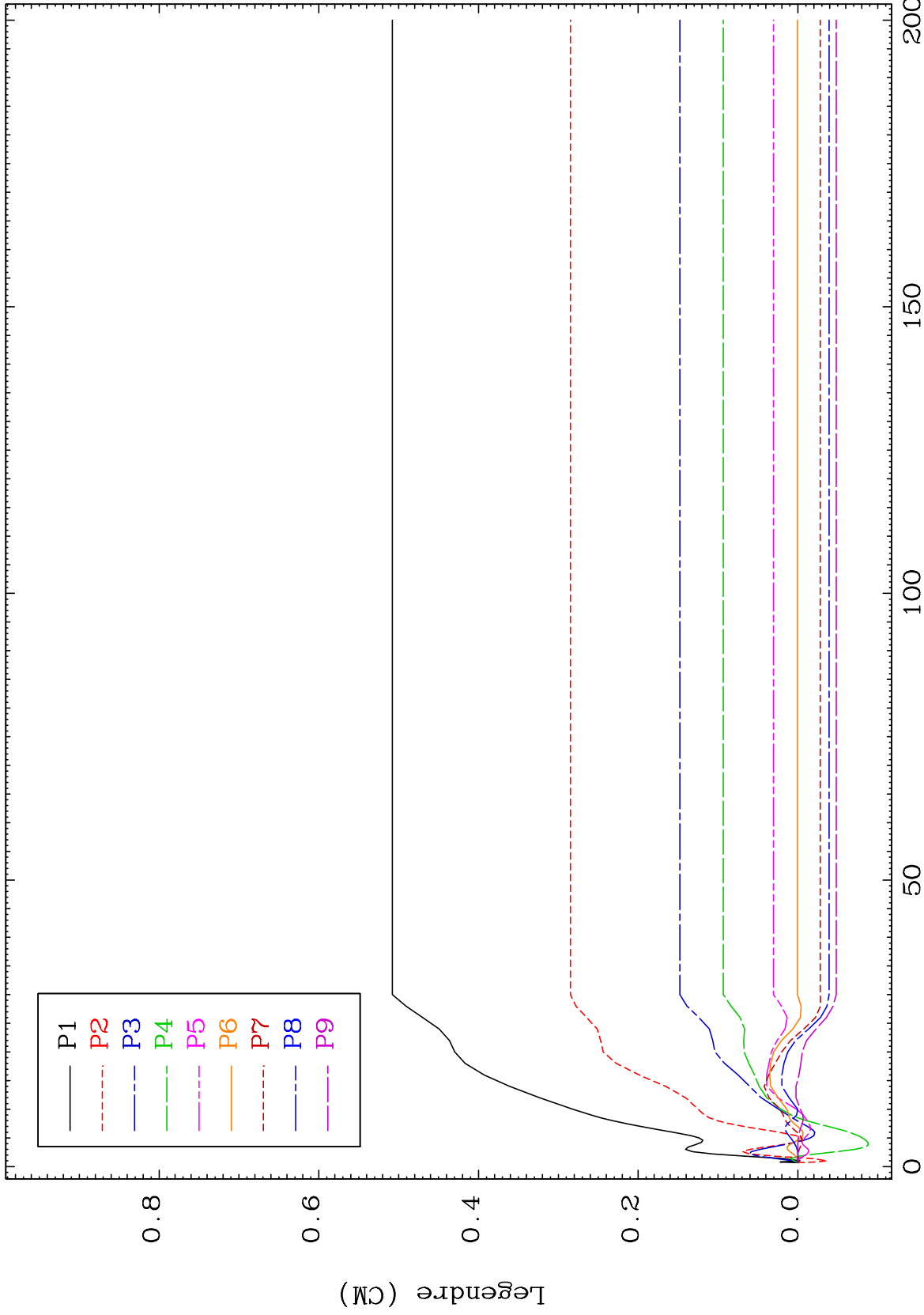
57-La-119



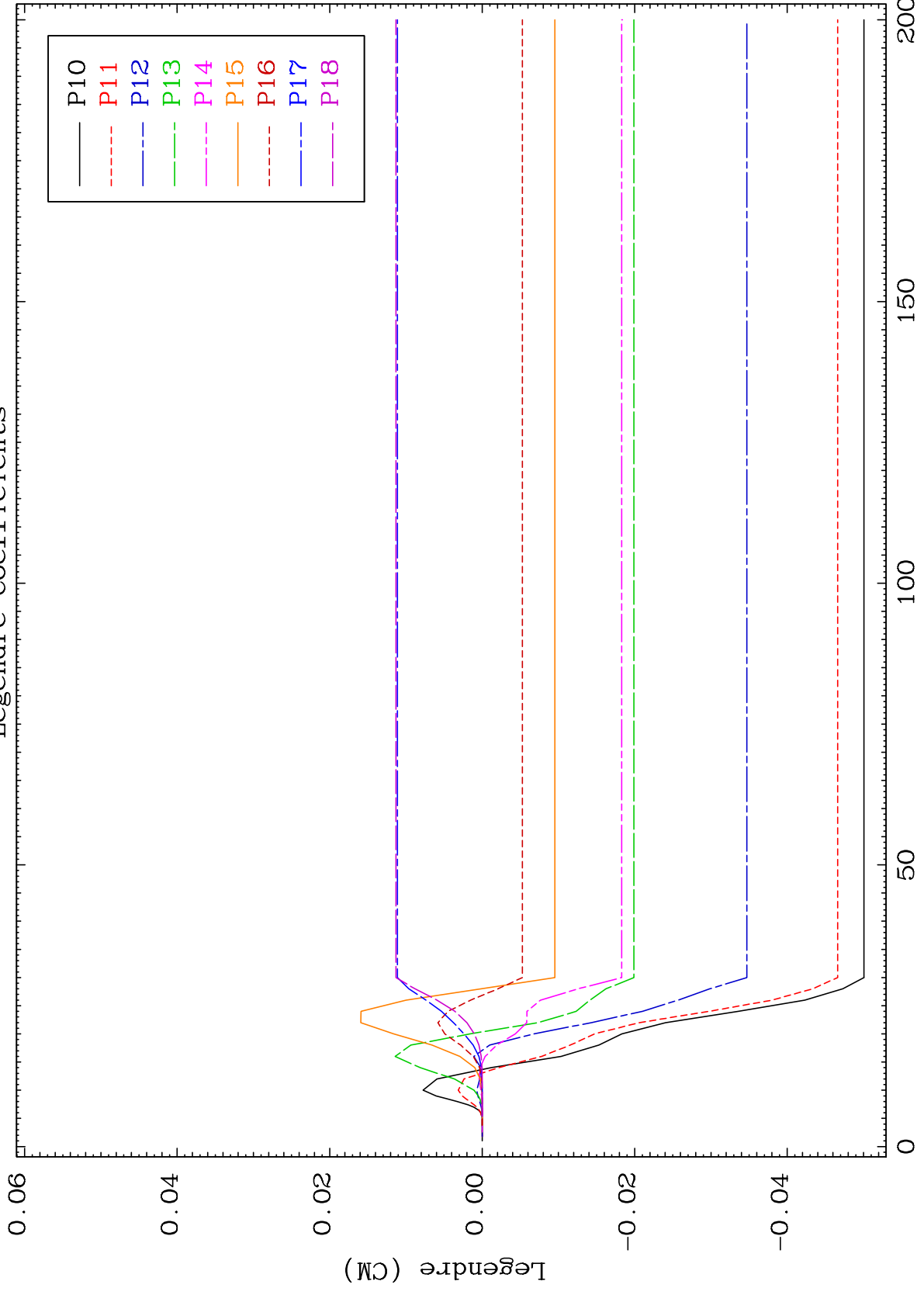
27

Incident Energy (MeV)

57-La-119



MAT 5668 MT= 53 (n,n') Level Legendre Coefficients 57-La-119

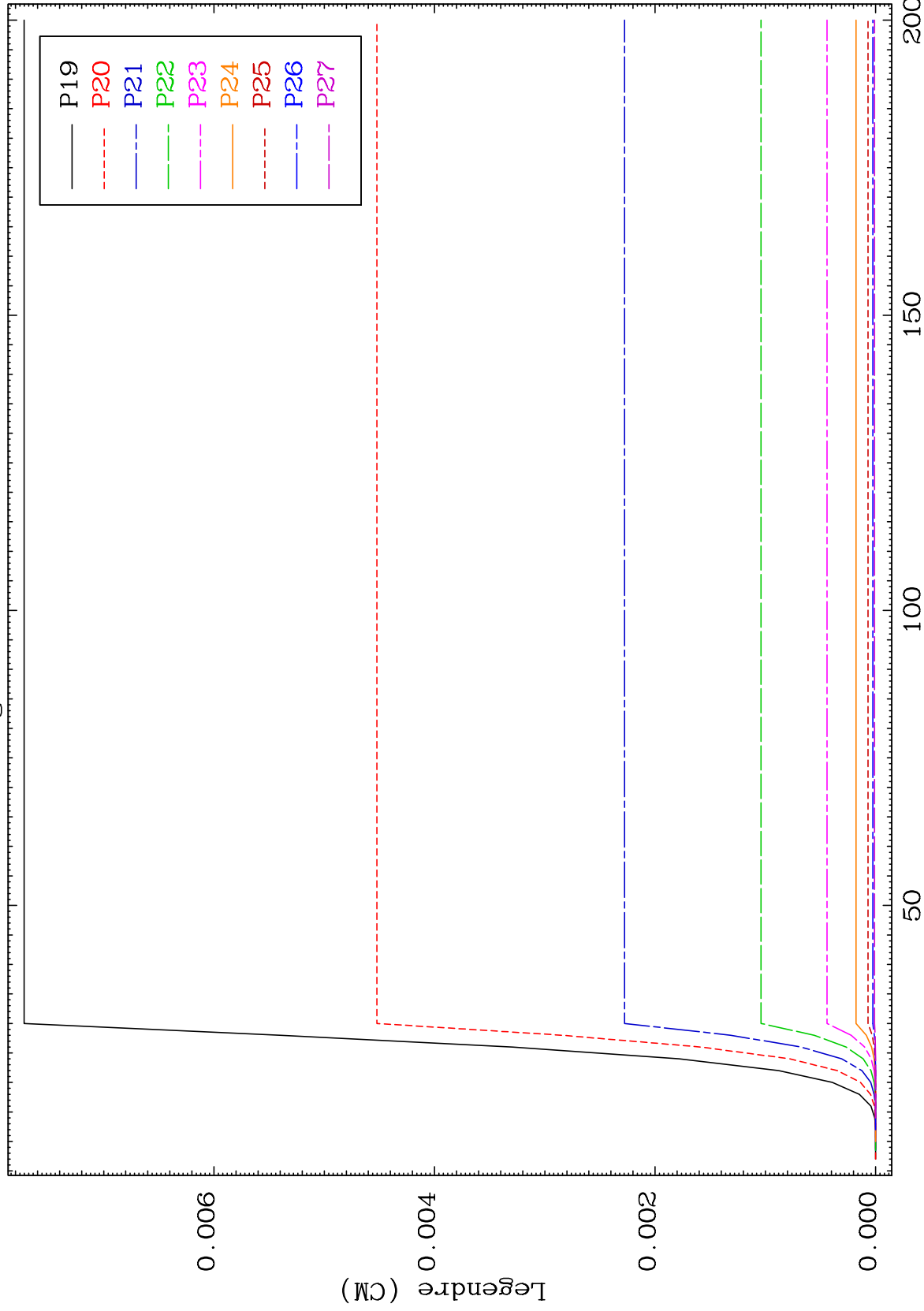


29 Incident Energy (MeV) 57-La-119

MAT 5668

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

57-La-119



30

Incident Energy (MeV)

150

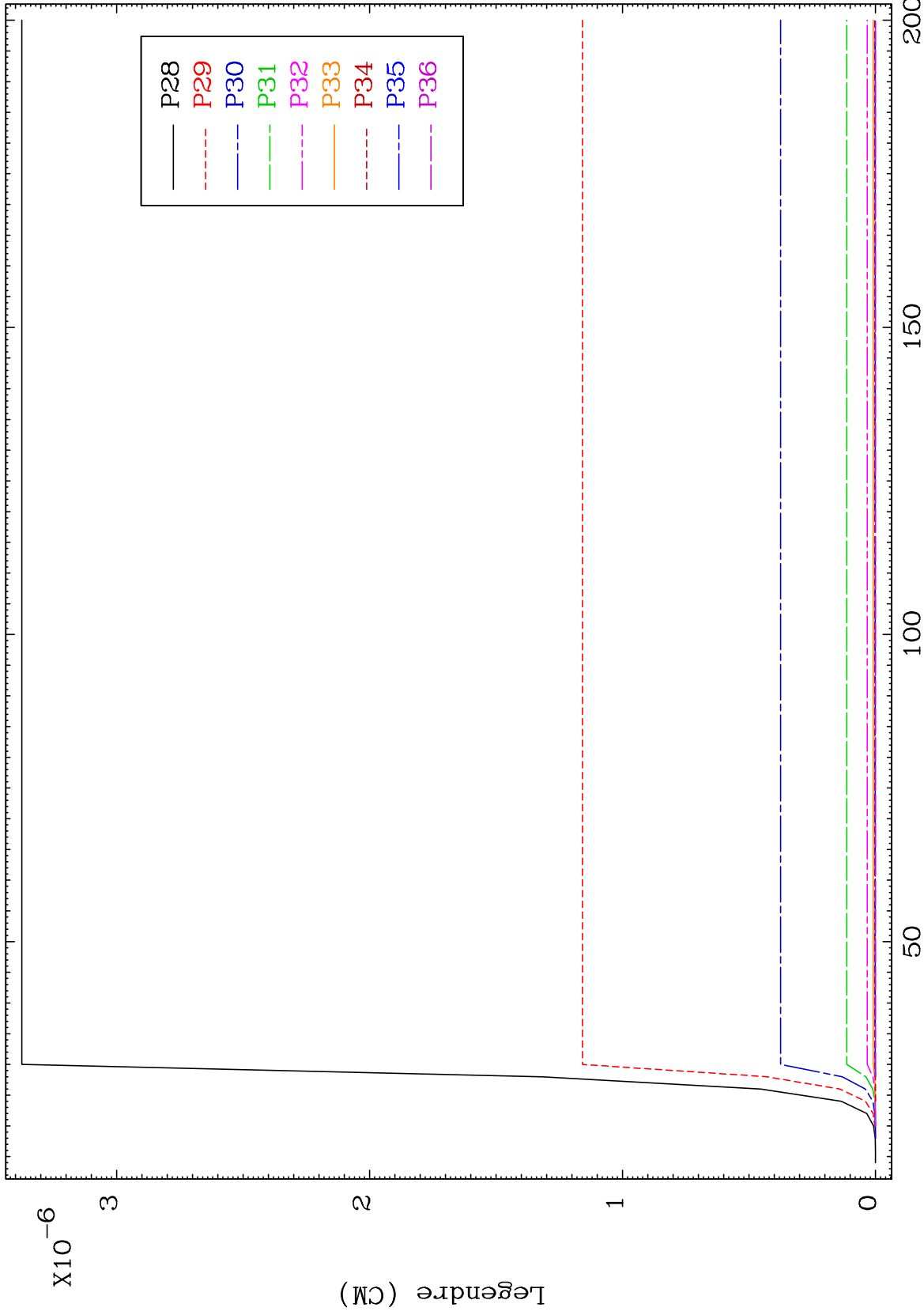
57-La-119

200

MAT 5668

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

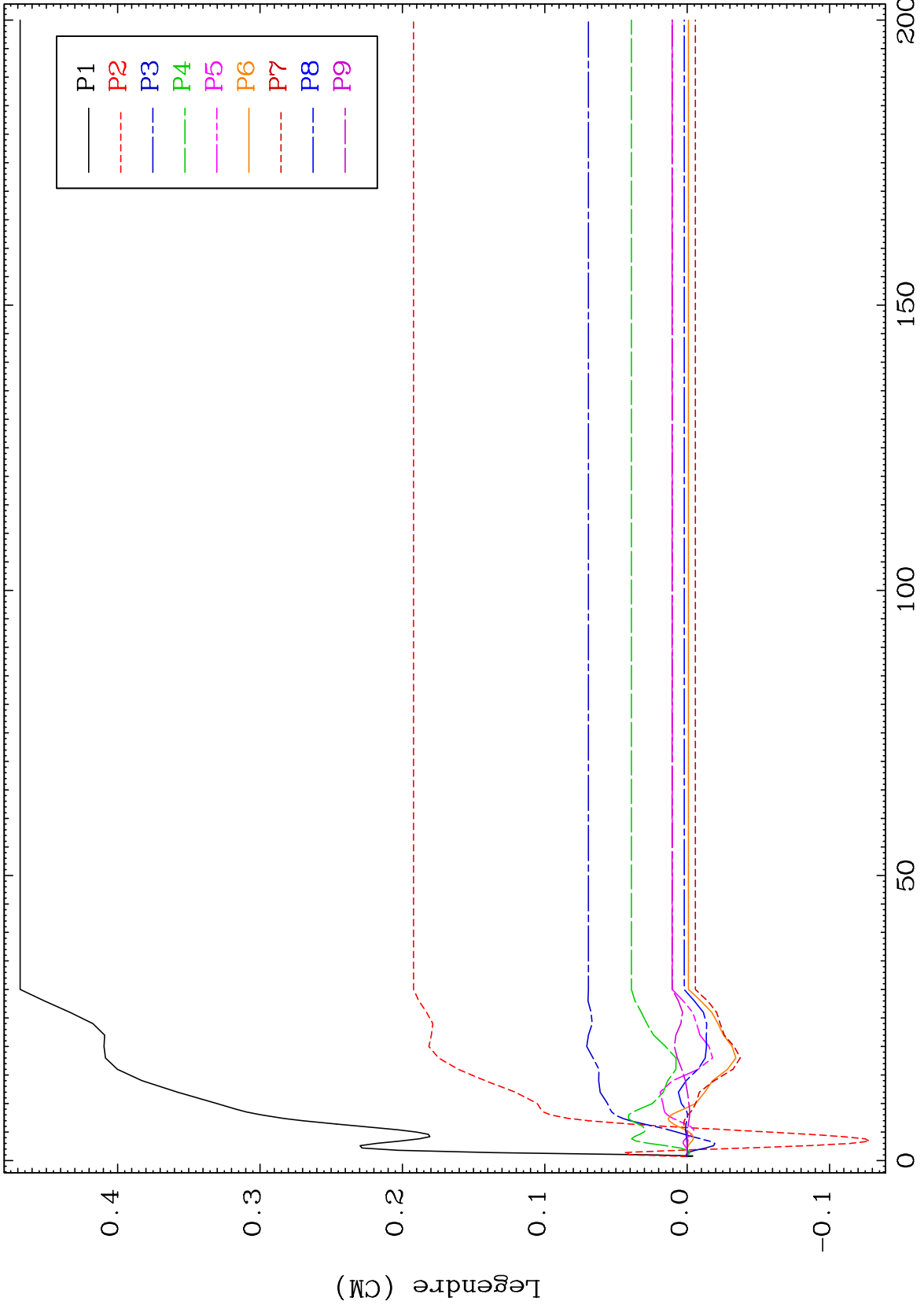
57-La-119



31

Incident Energy (MeV)

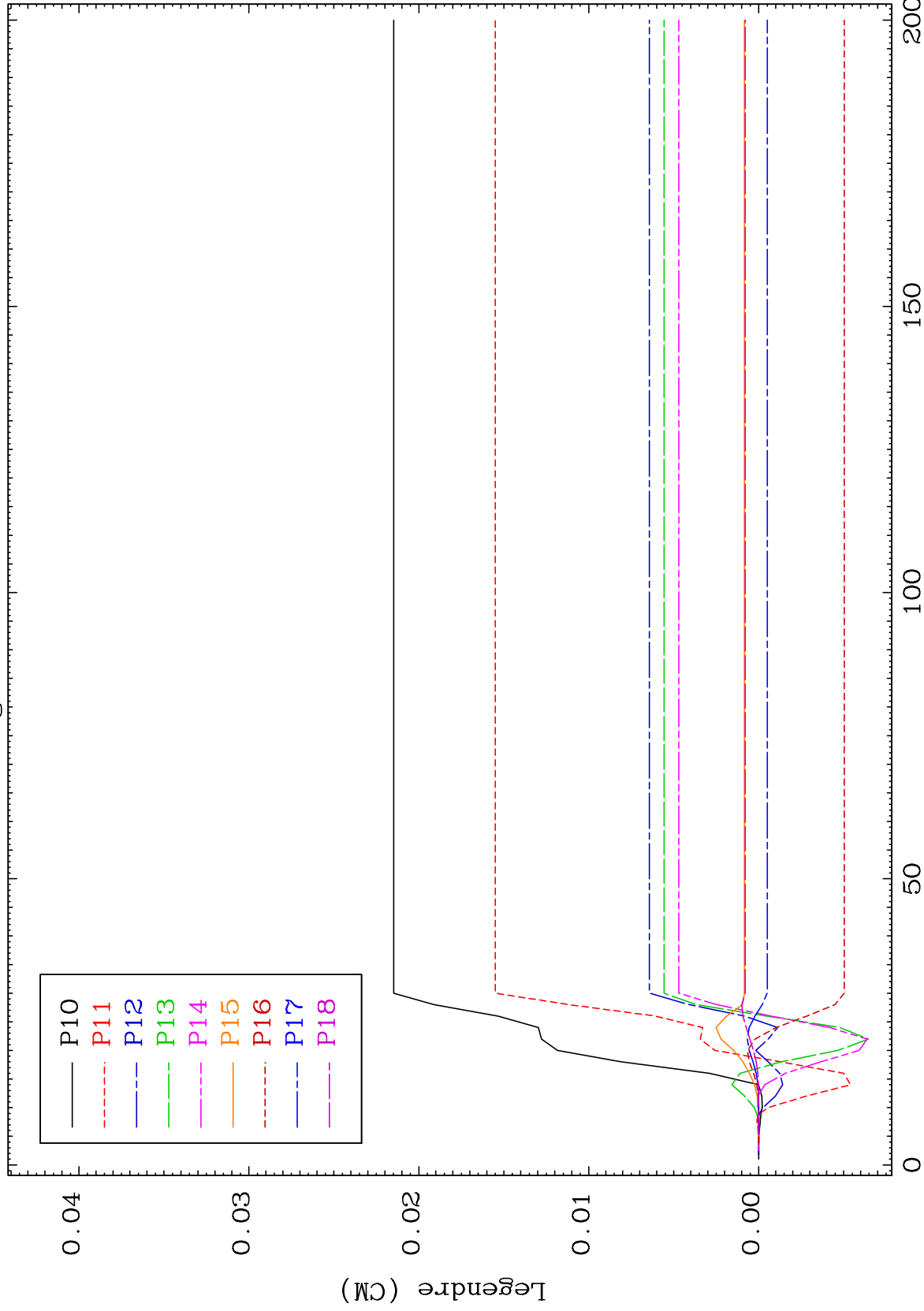
57-La-119



MAT 5668

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

57-La-119



33

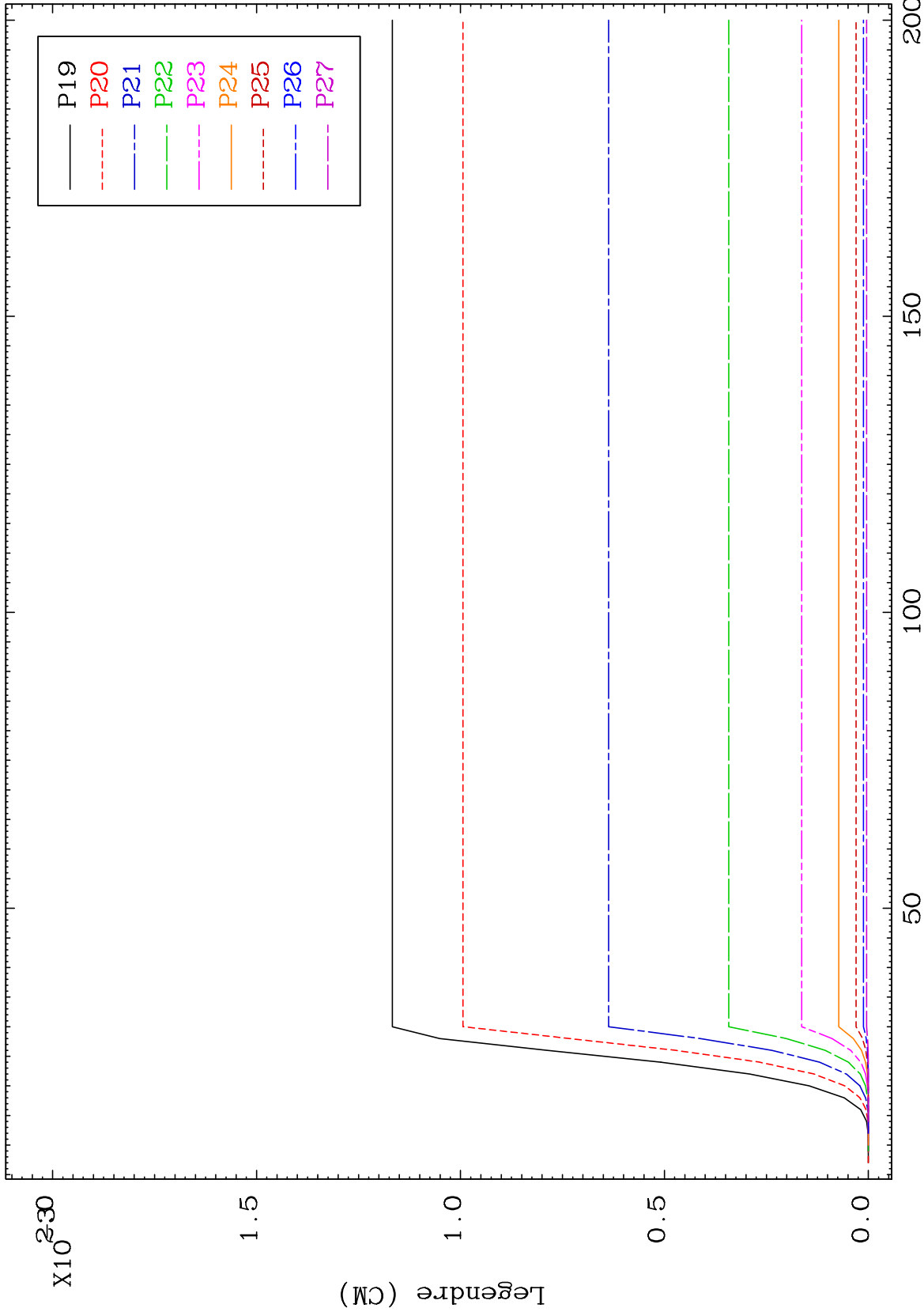
Incident Energy (MeV)

57-La-119

MAT 5668

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

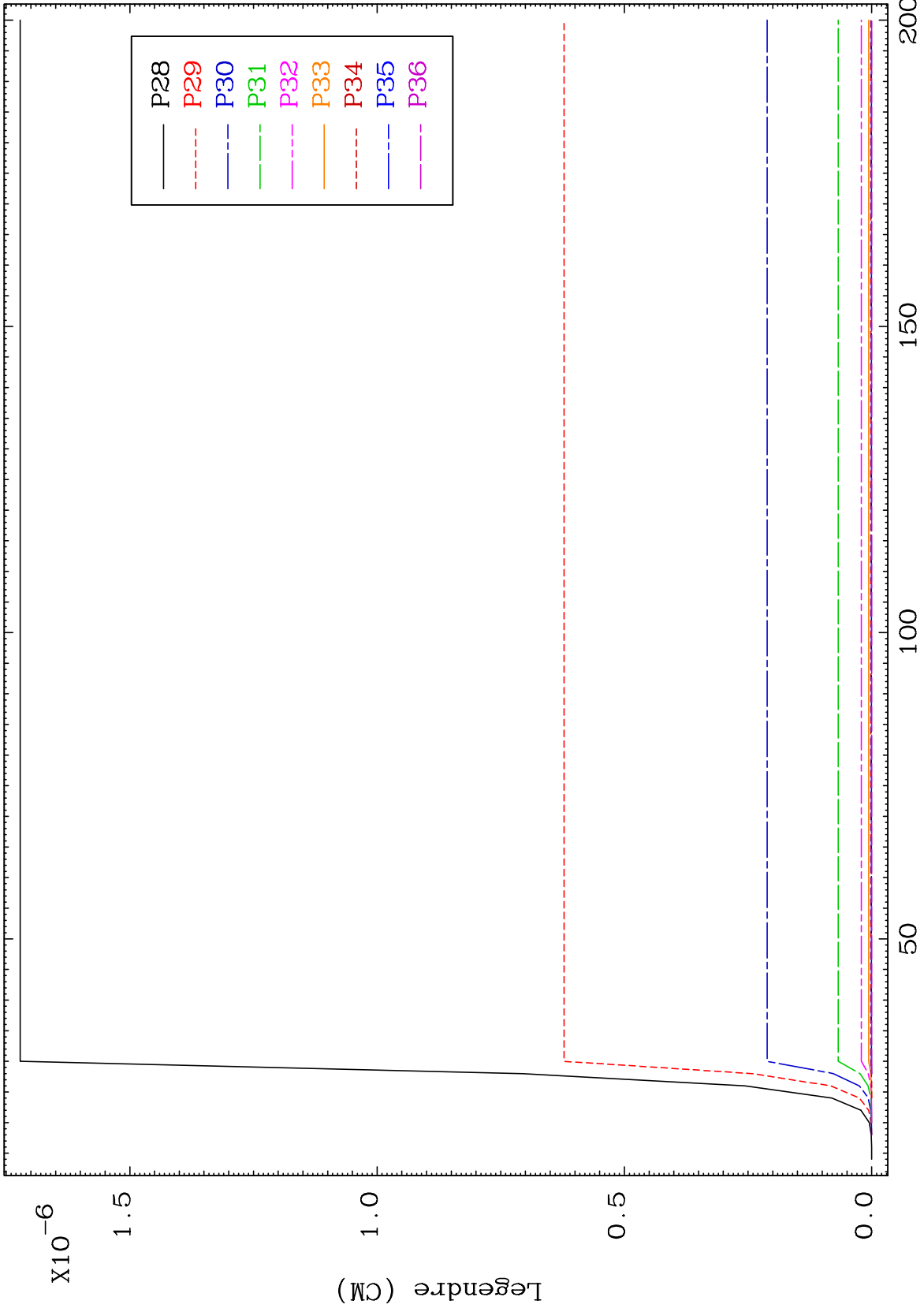
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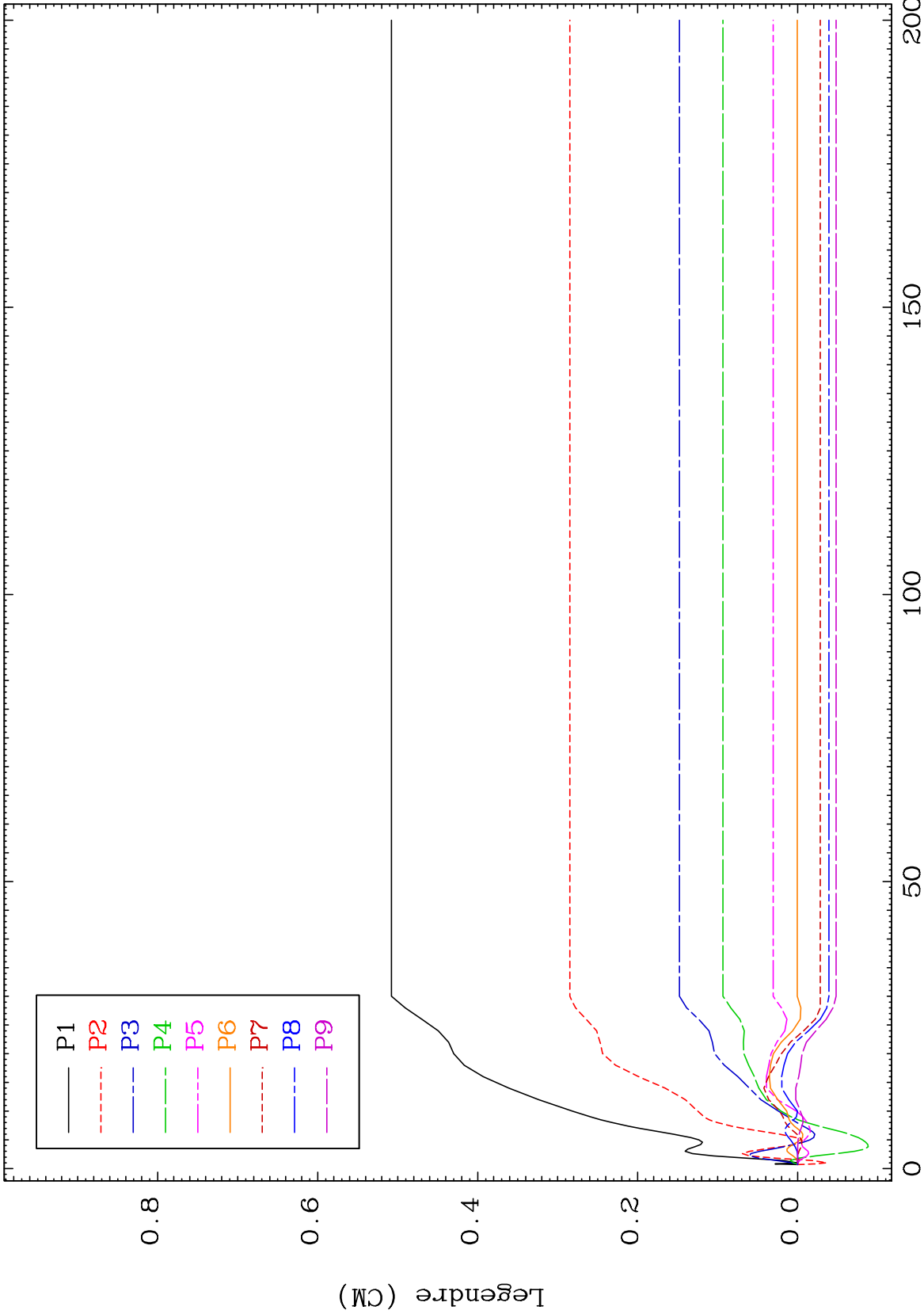


34

Incident Energy (MeV)

57-La-119

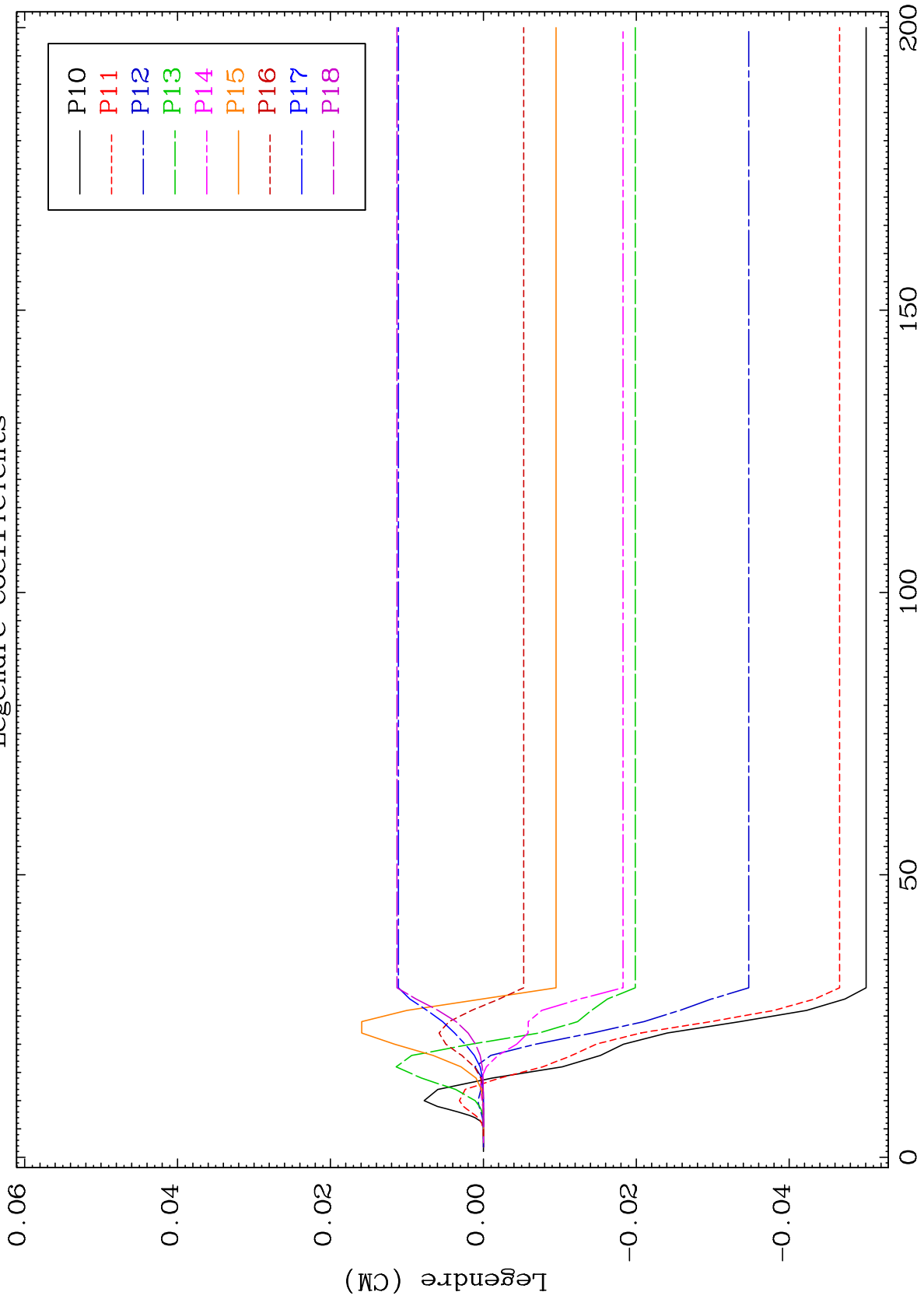




MAT 5668

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

57-La-119



32

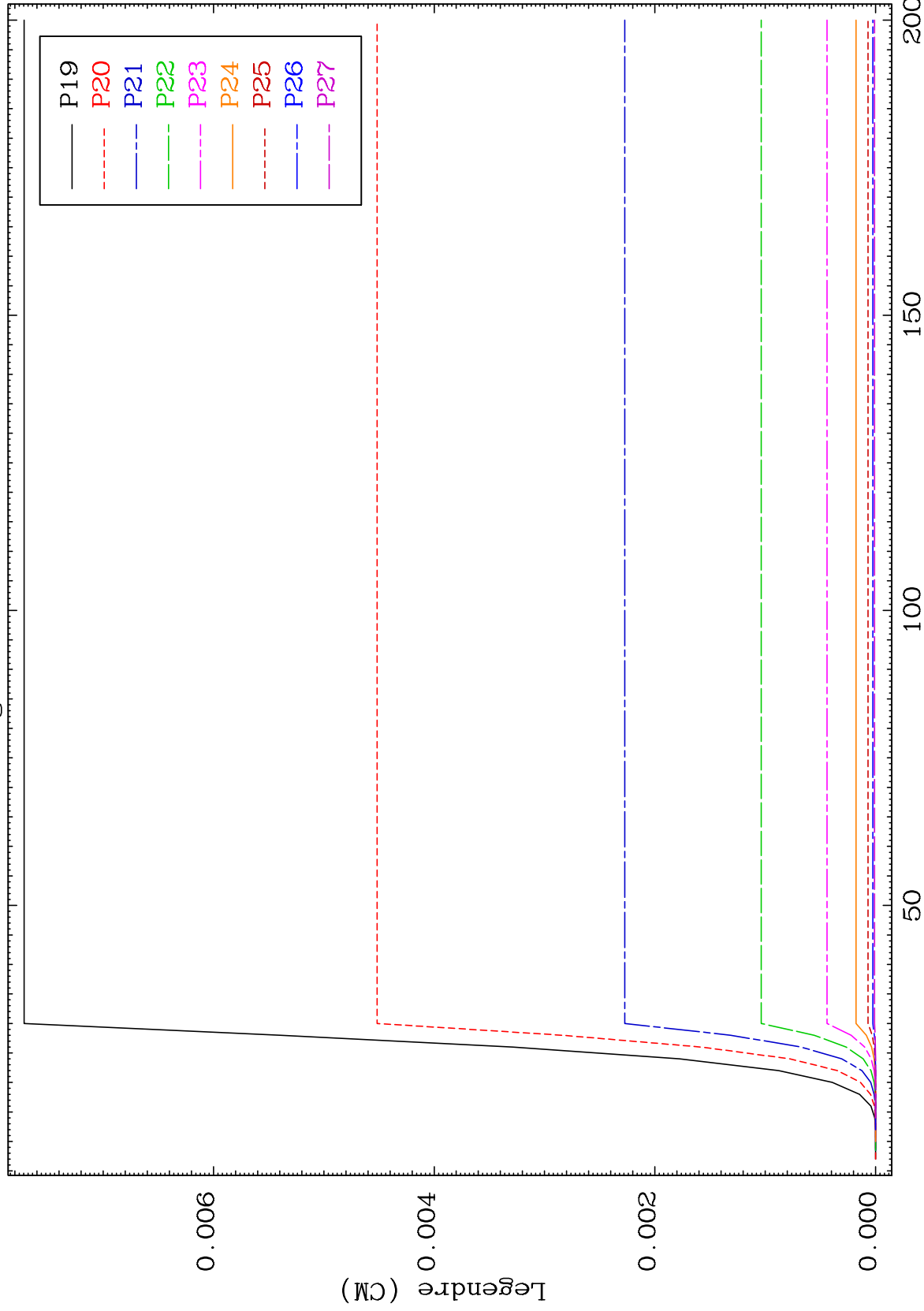
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



38

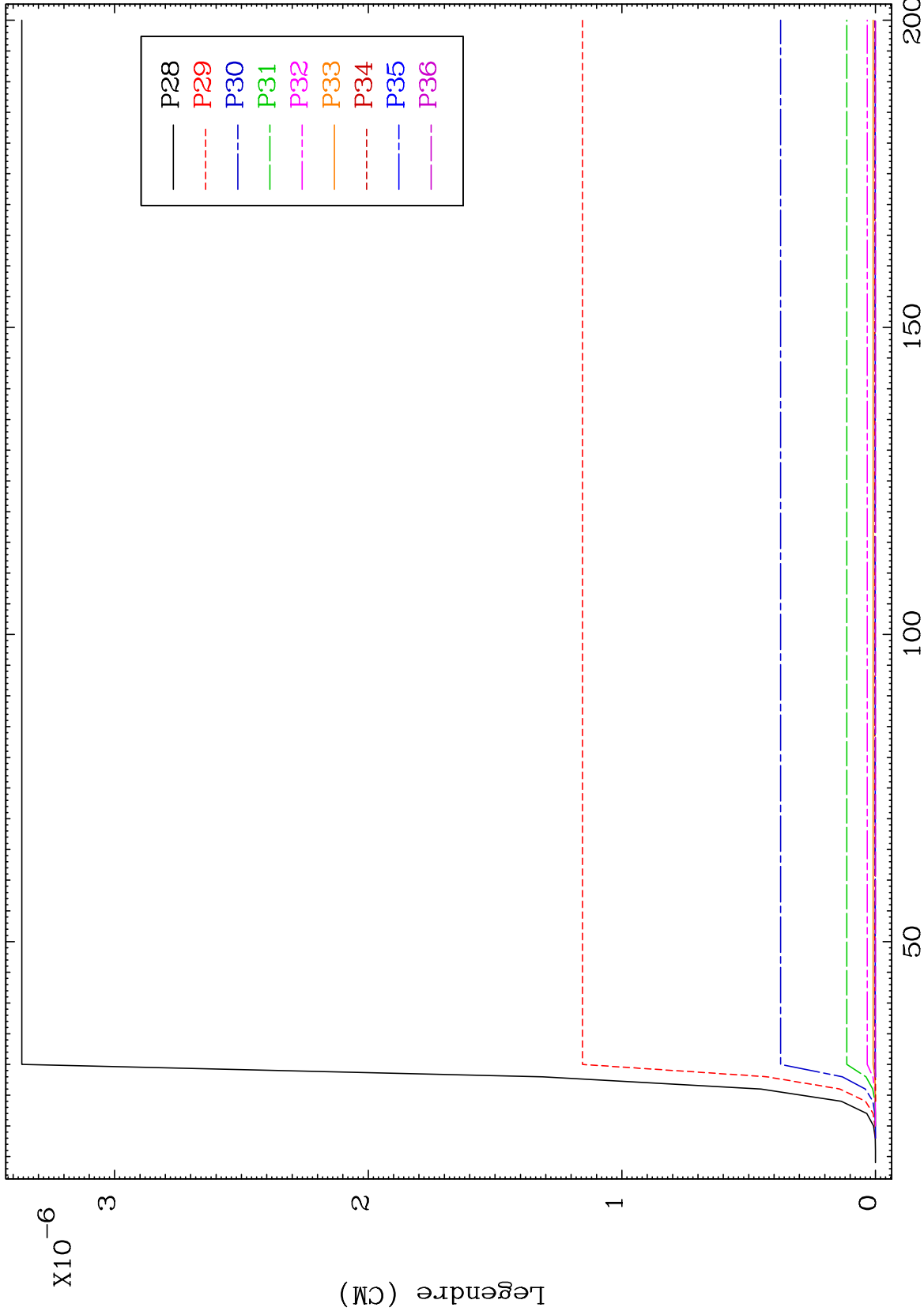
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119

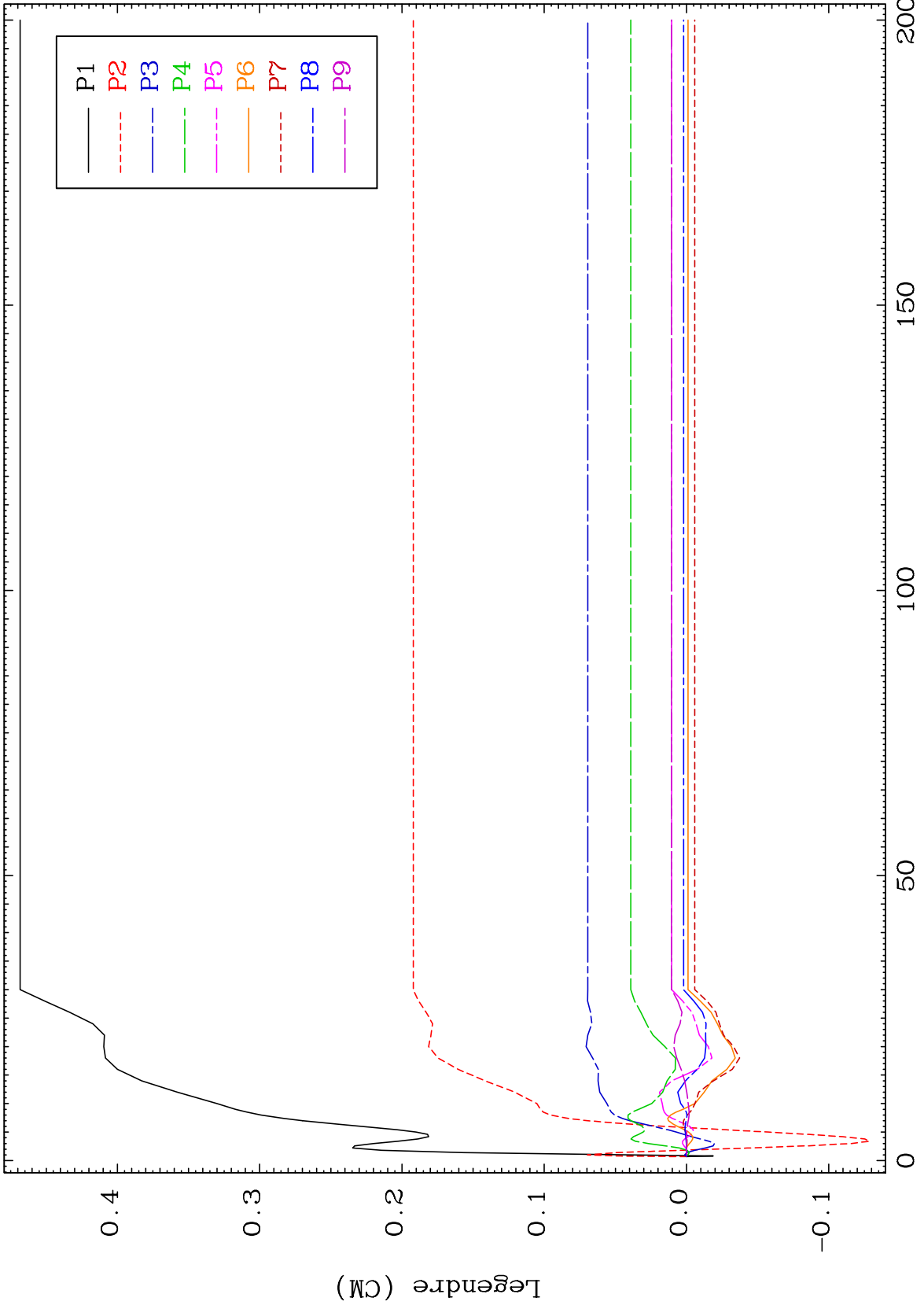


39

Incident Energy (MeV)

57-La-119

MAT 5668 MT= 56 (n,n') Level Legendre Coefficients 57-La-119

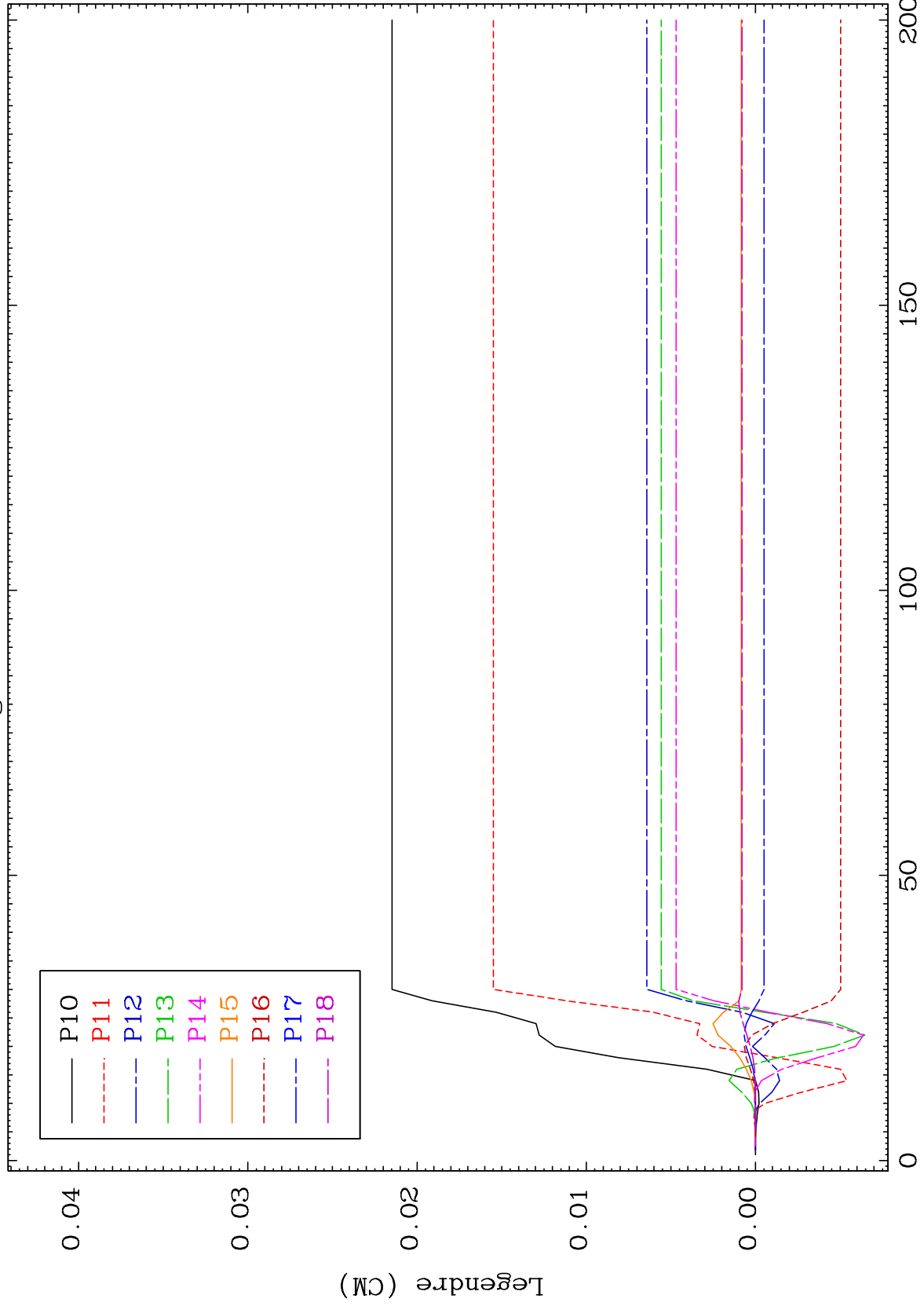


Incident Energy (MeV) 57-La-119

MAT 5668

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

57-La-119



41

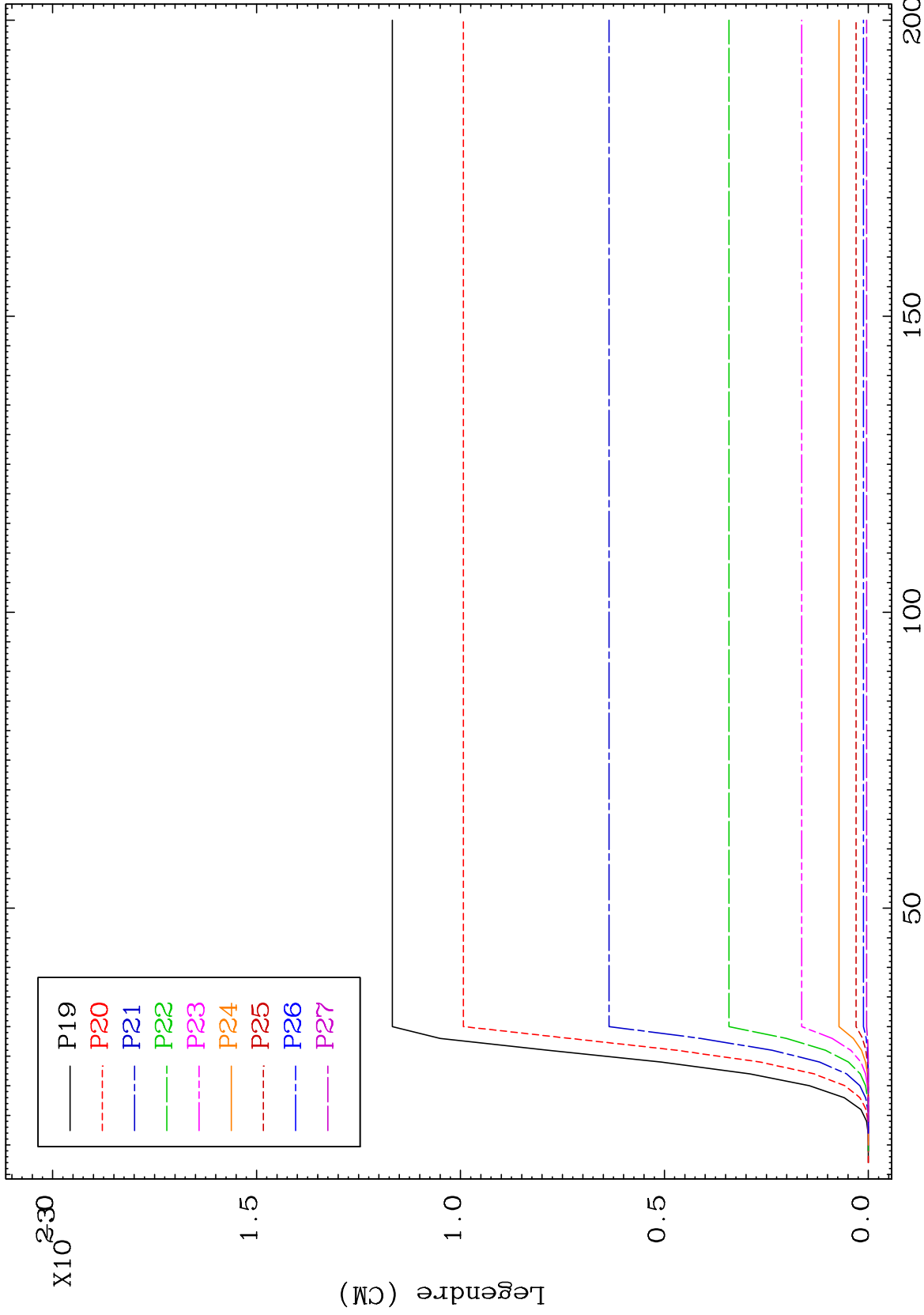
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



42

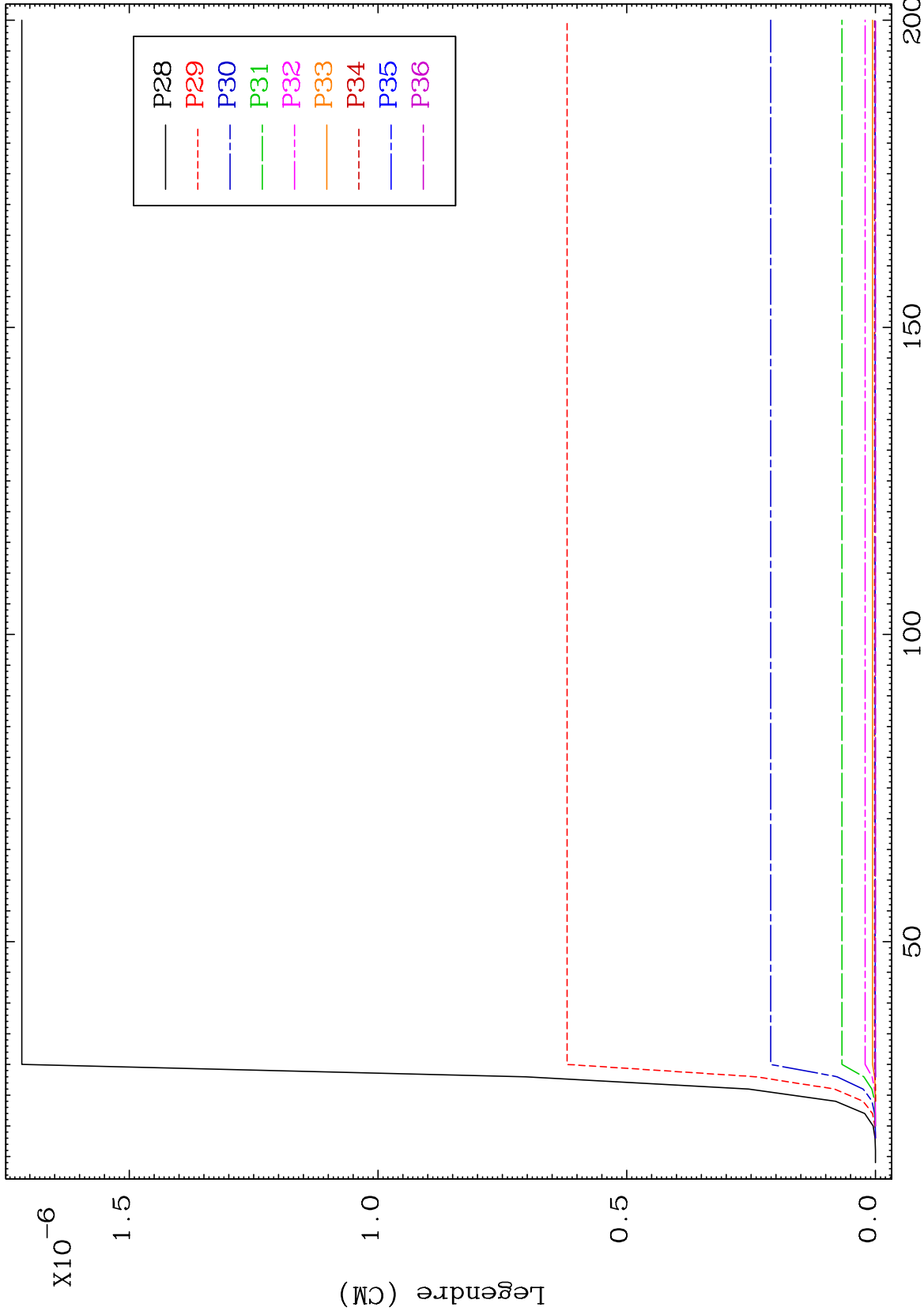
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



43

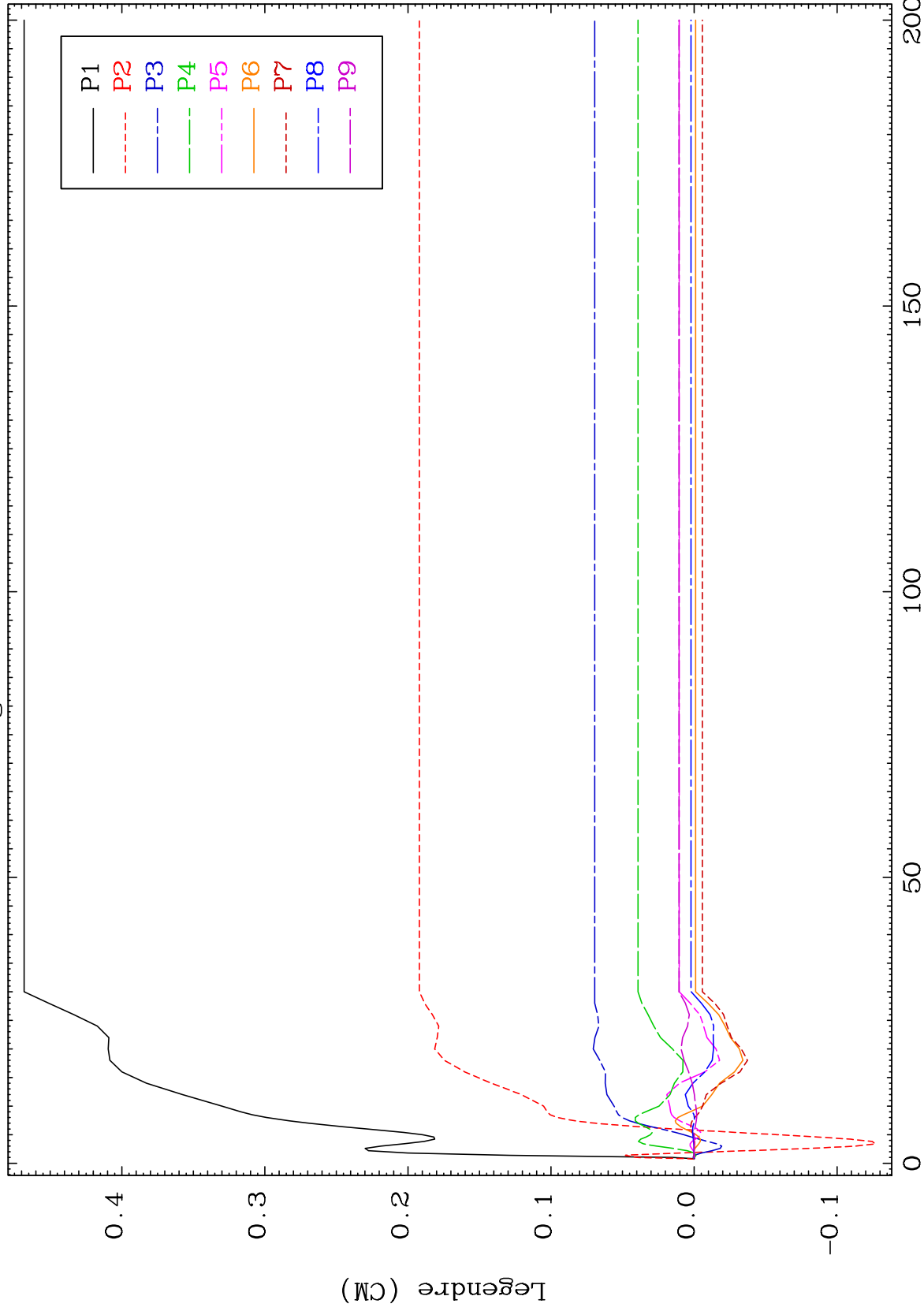
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



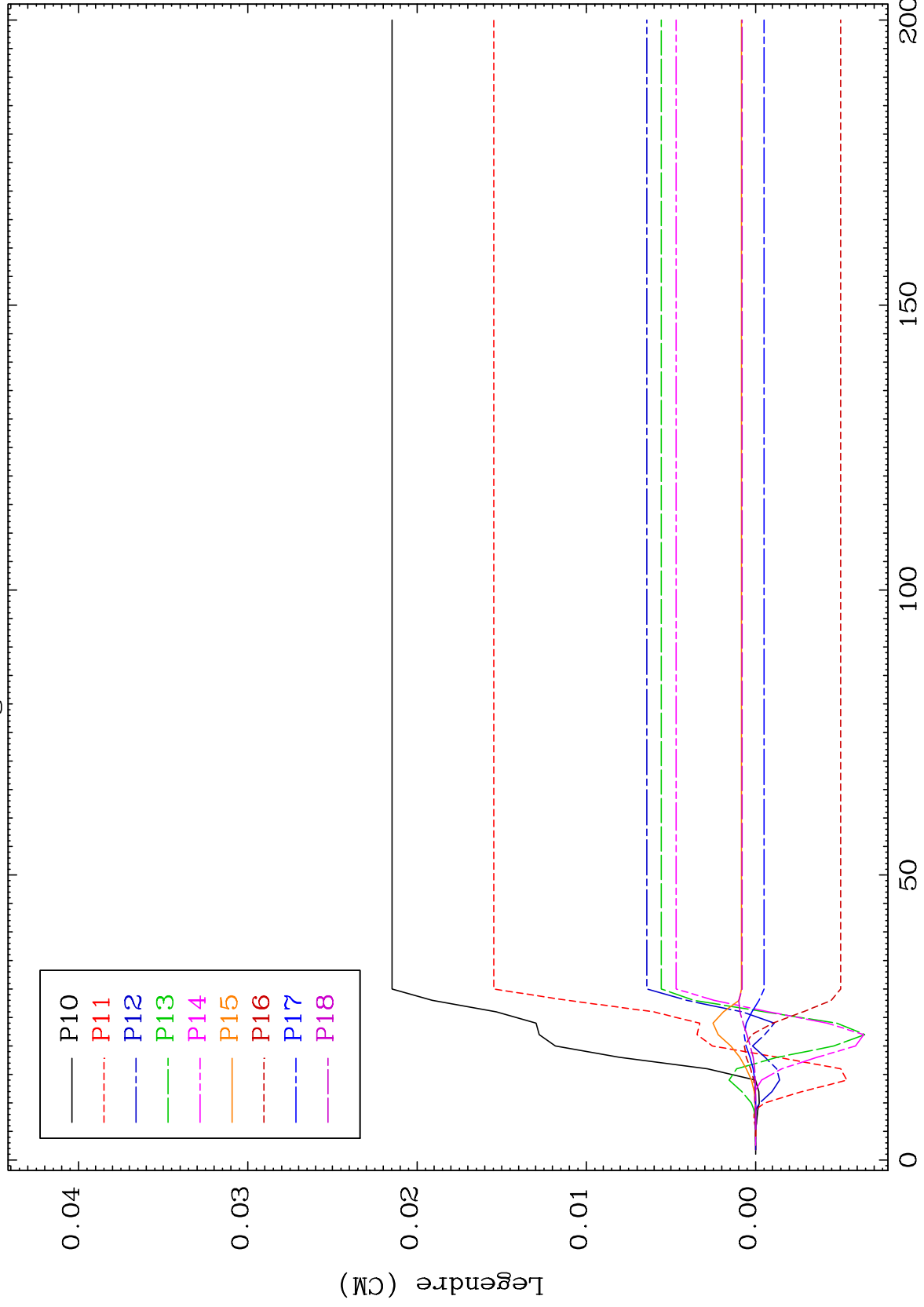
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57-La-119

MAT 5668

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

57-La-119



45

Incident Energy (MeV)

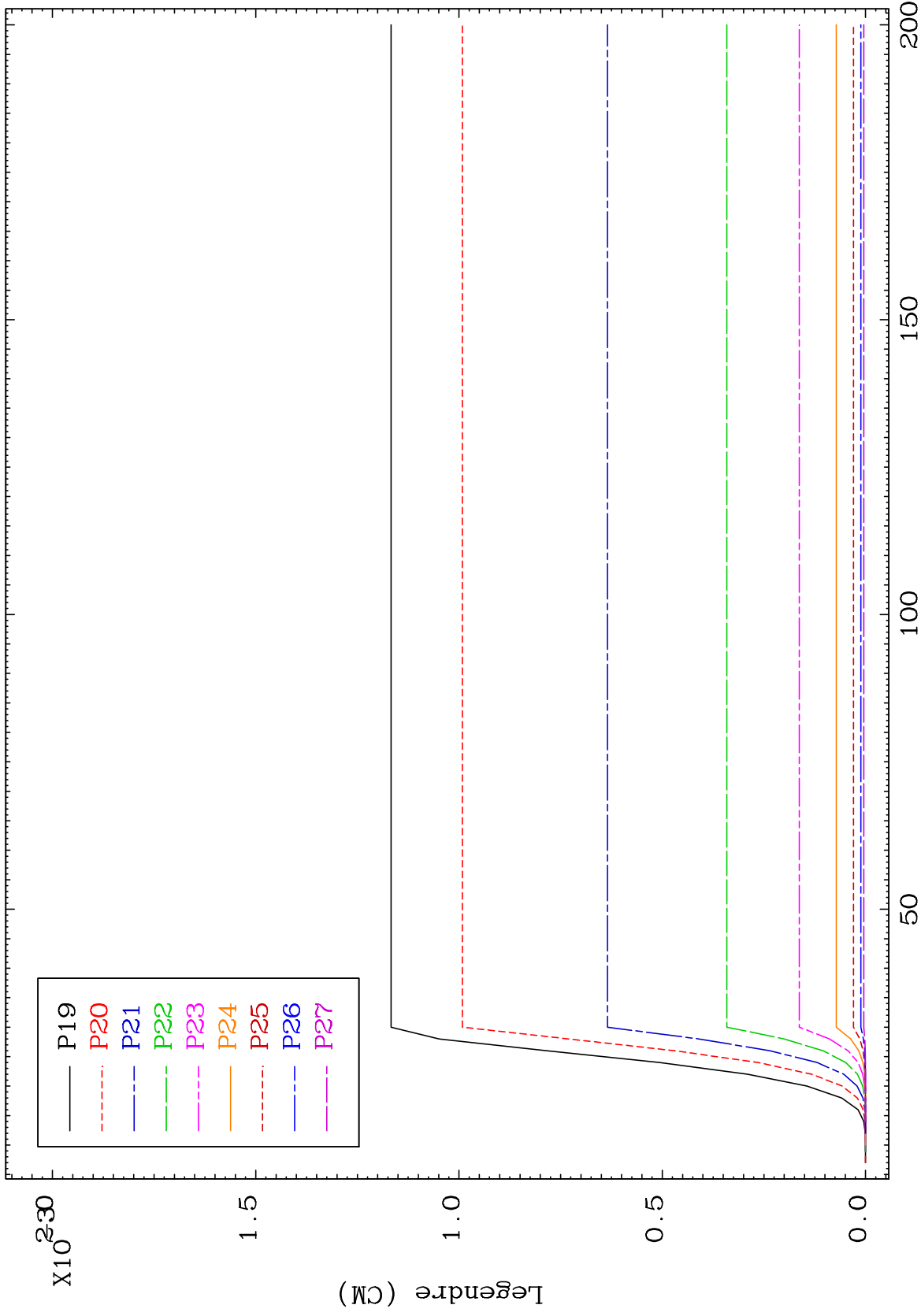
57-La-119

200

MAT 5668

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

57-La-119



46

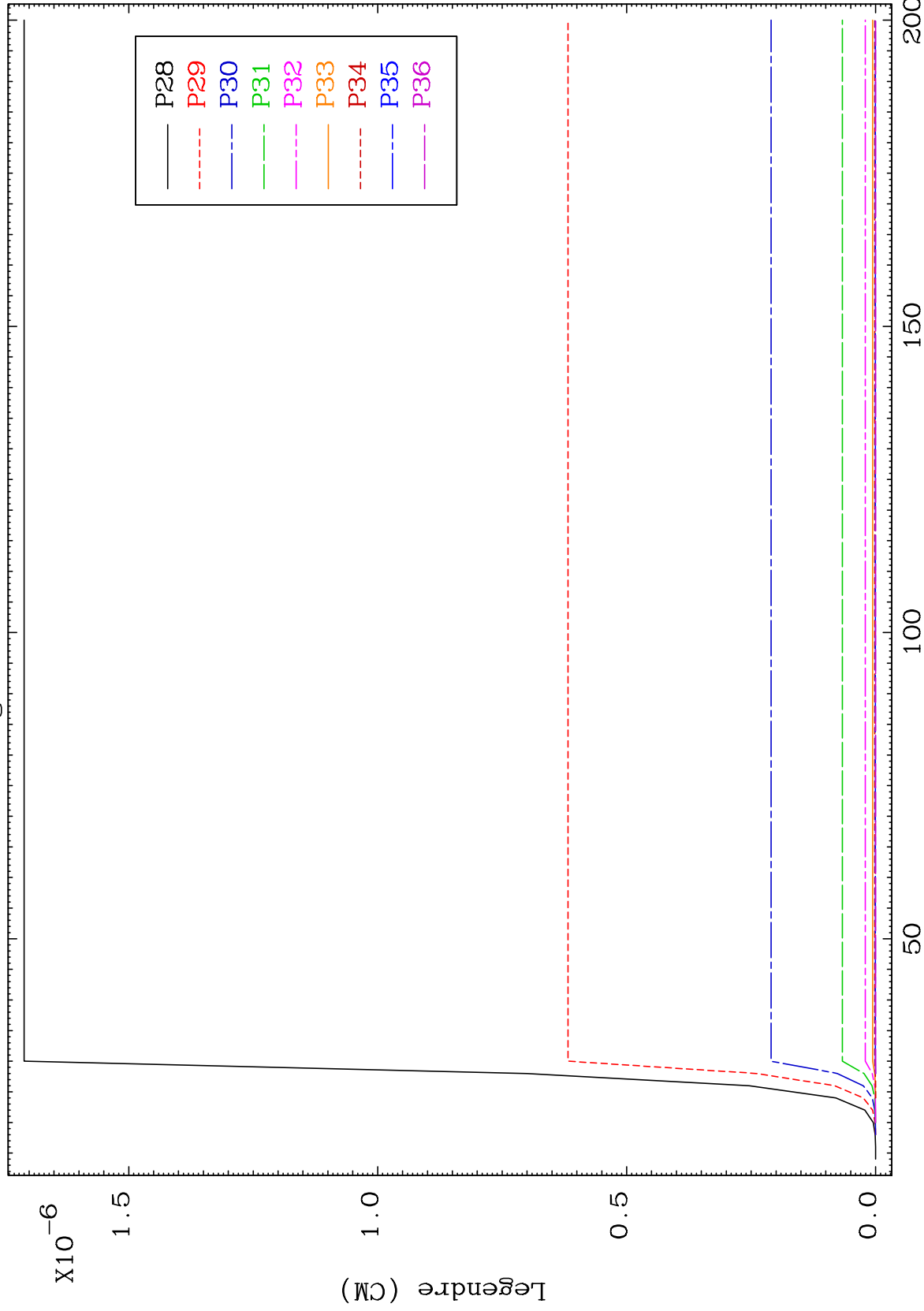
Incident Energy (MeV)

57-La-119

MAT 5668

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

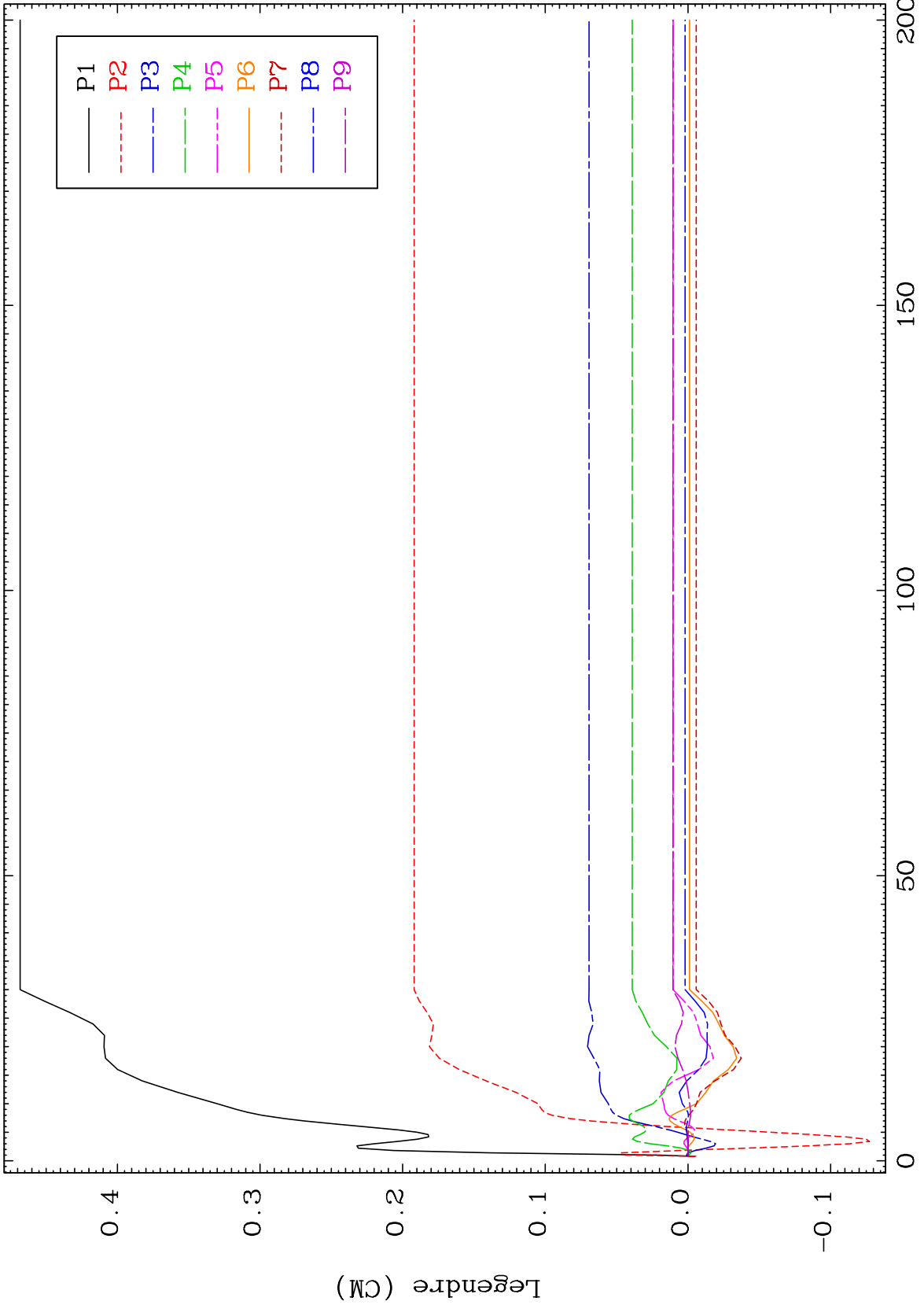
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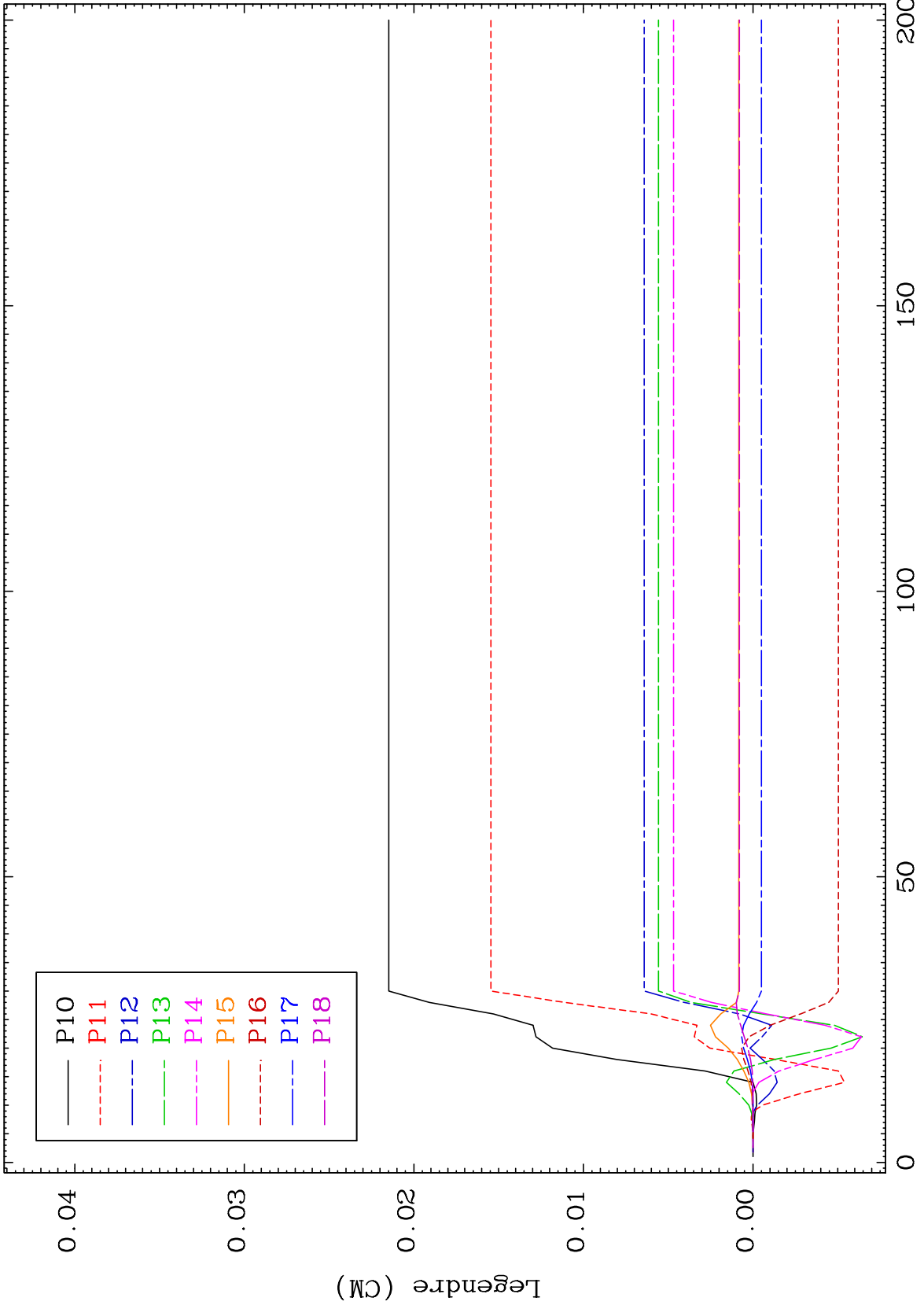


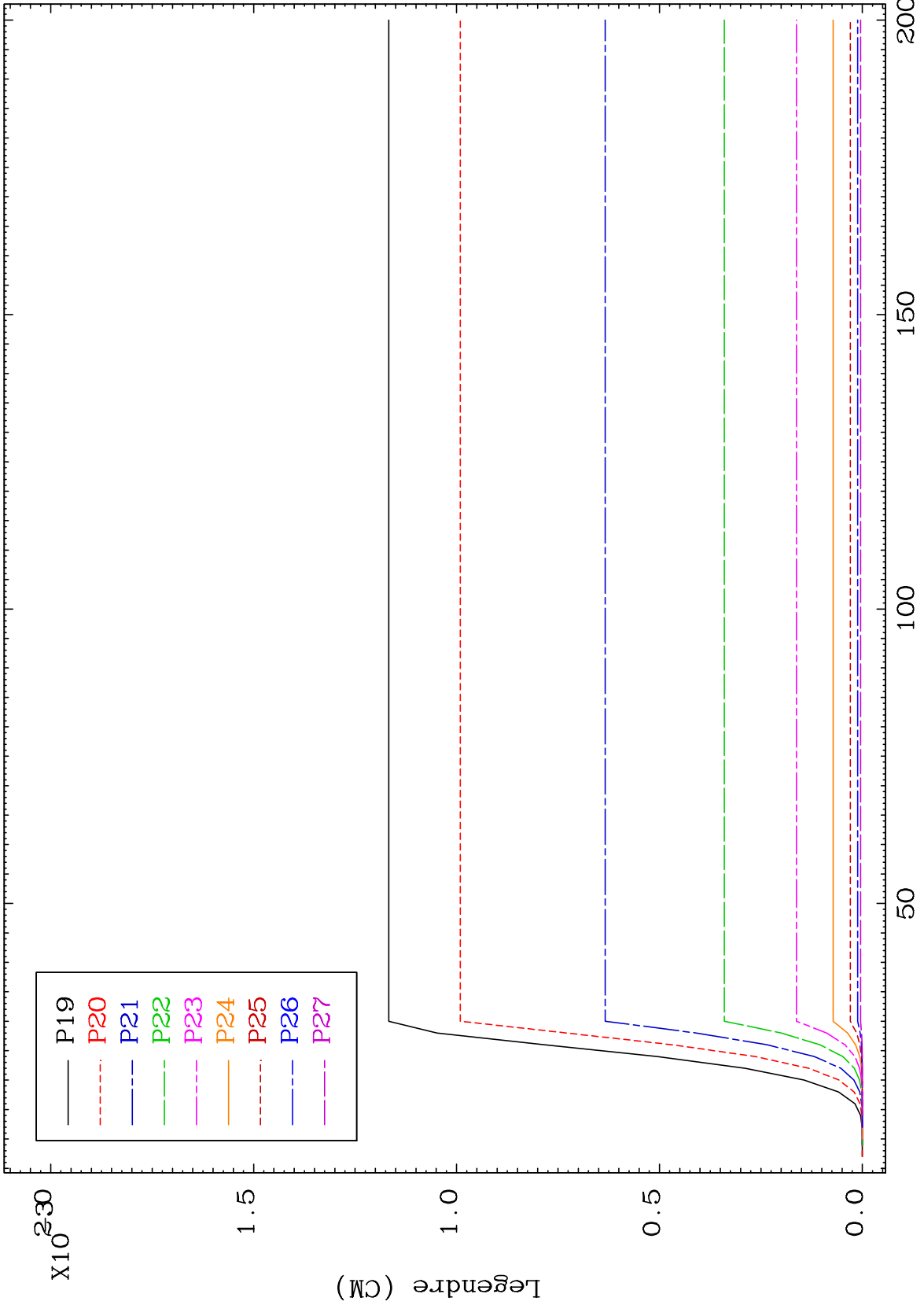
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Incident Energy (MeV)

57-La-119



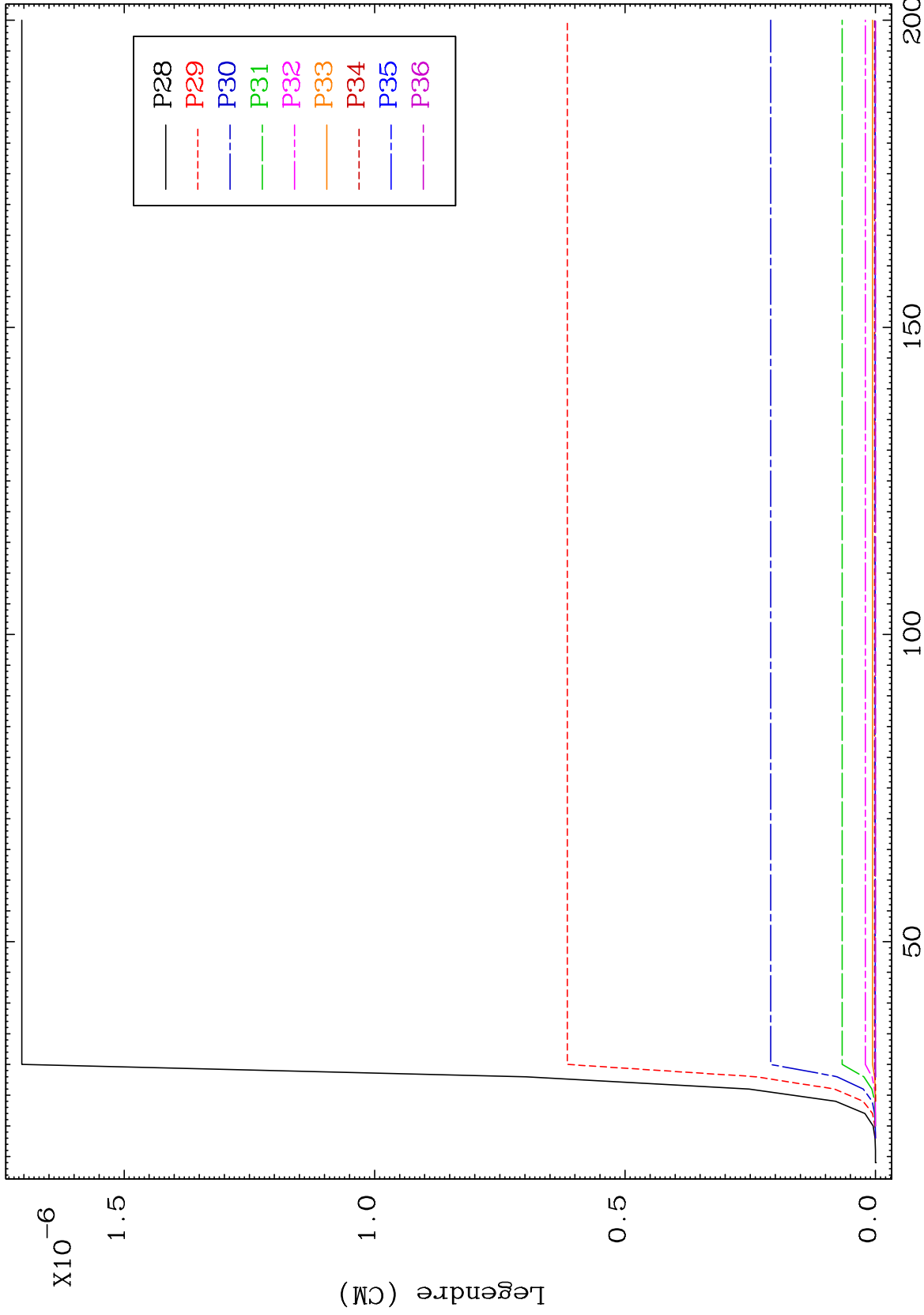




MAT 5668

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

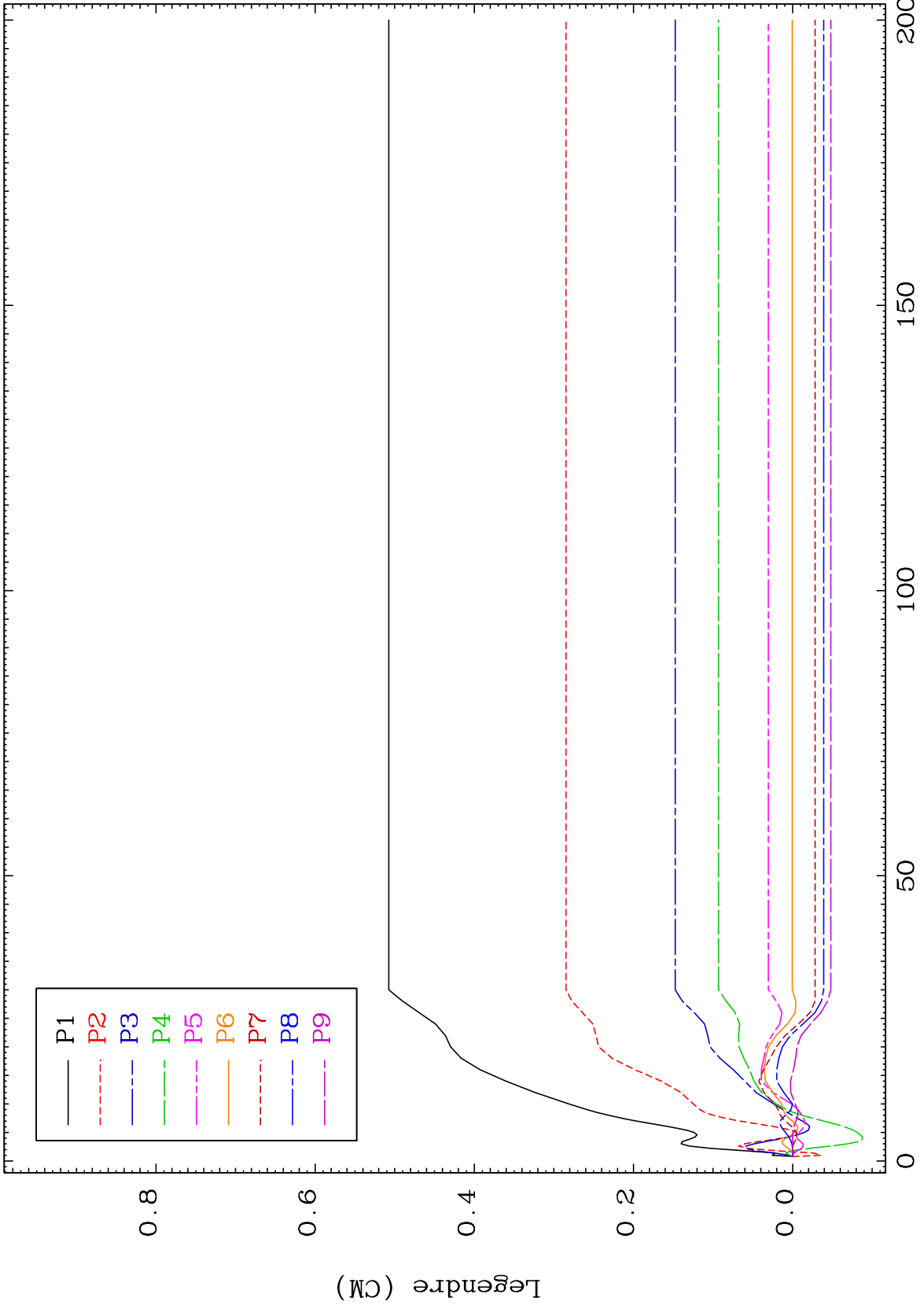
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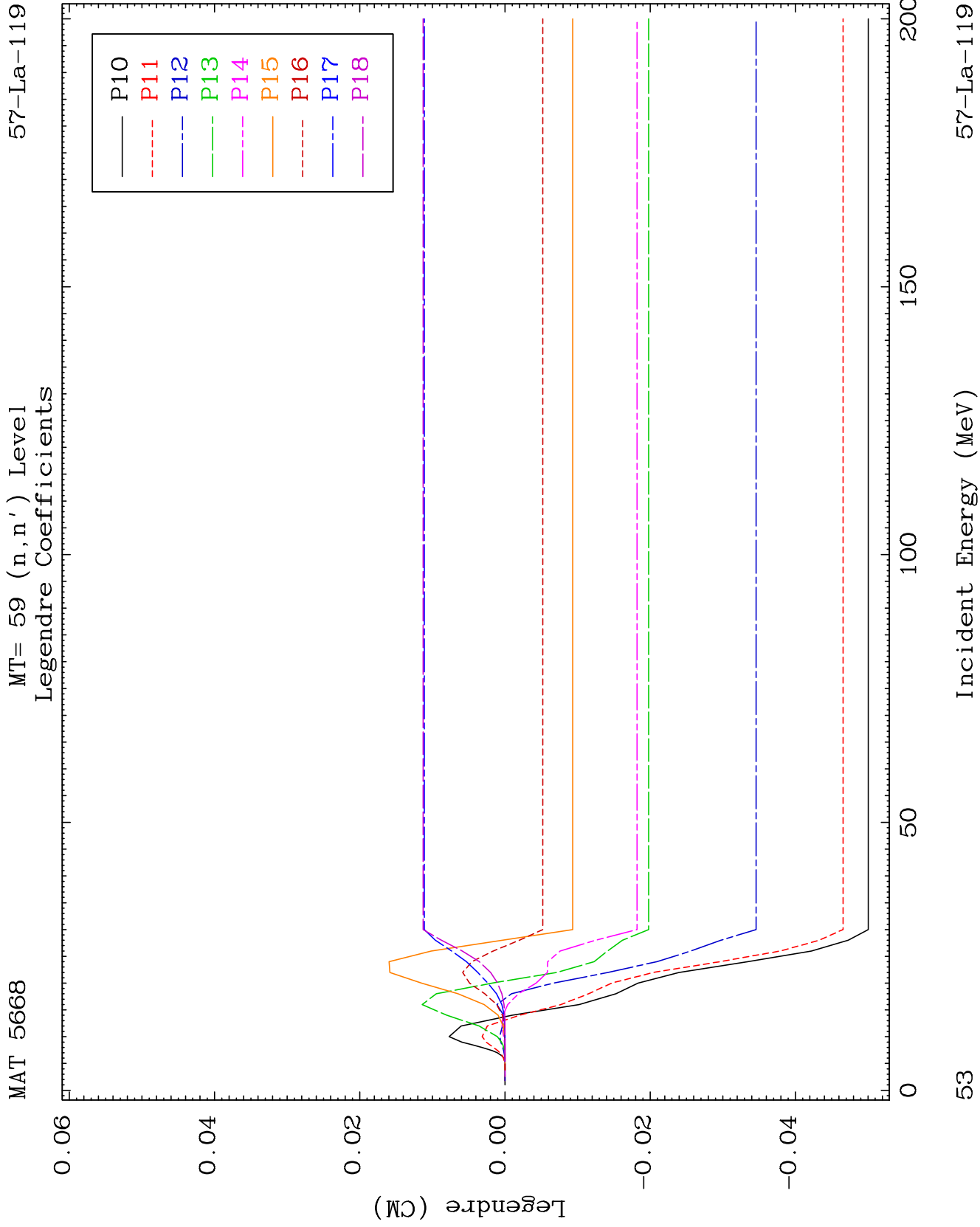


51

Incident Energy (MeV)

57-La-119

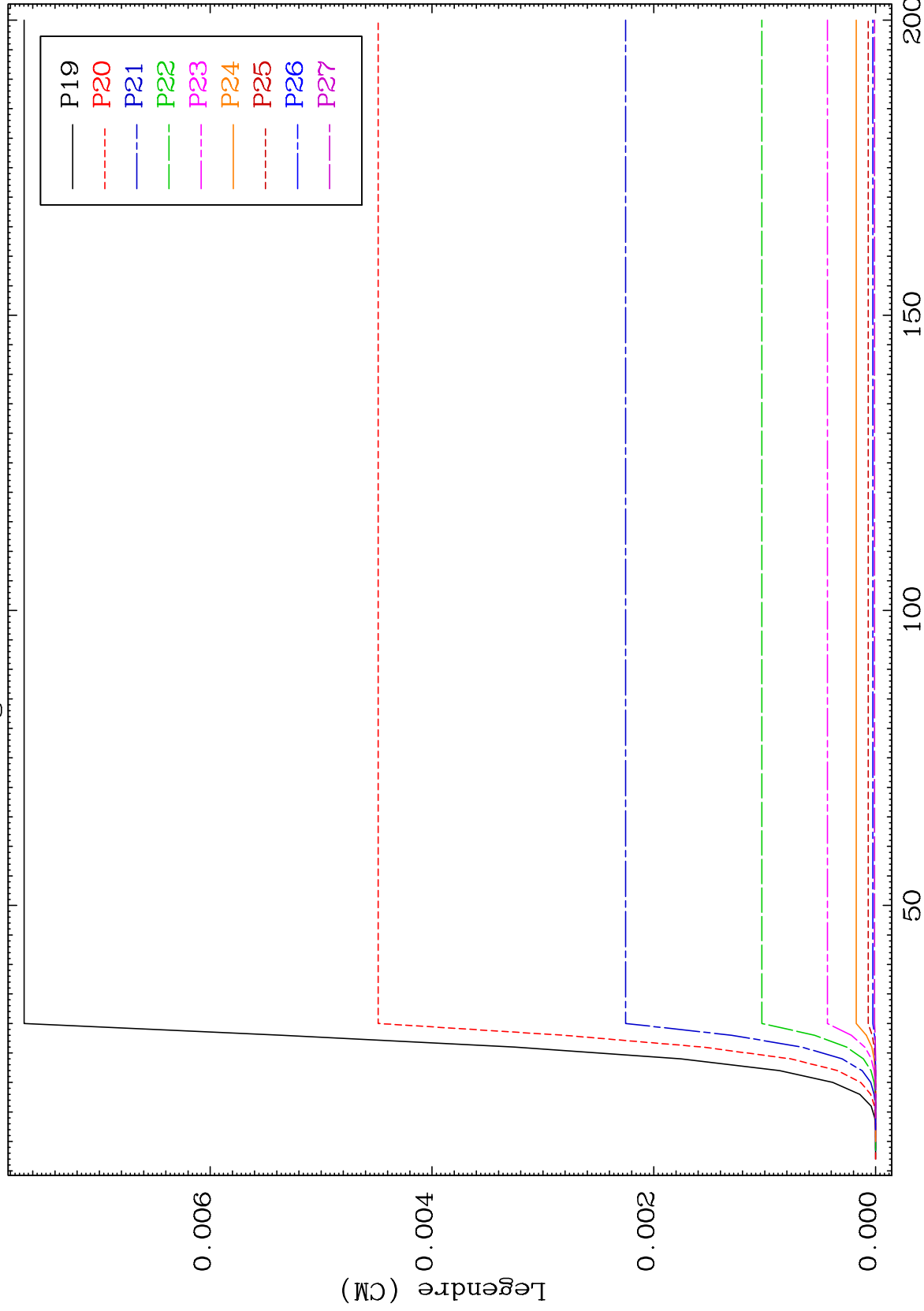




MAT 5668

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

57-La-119



54

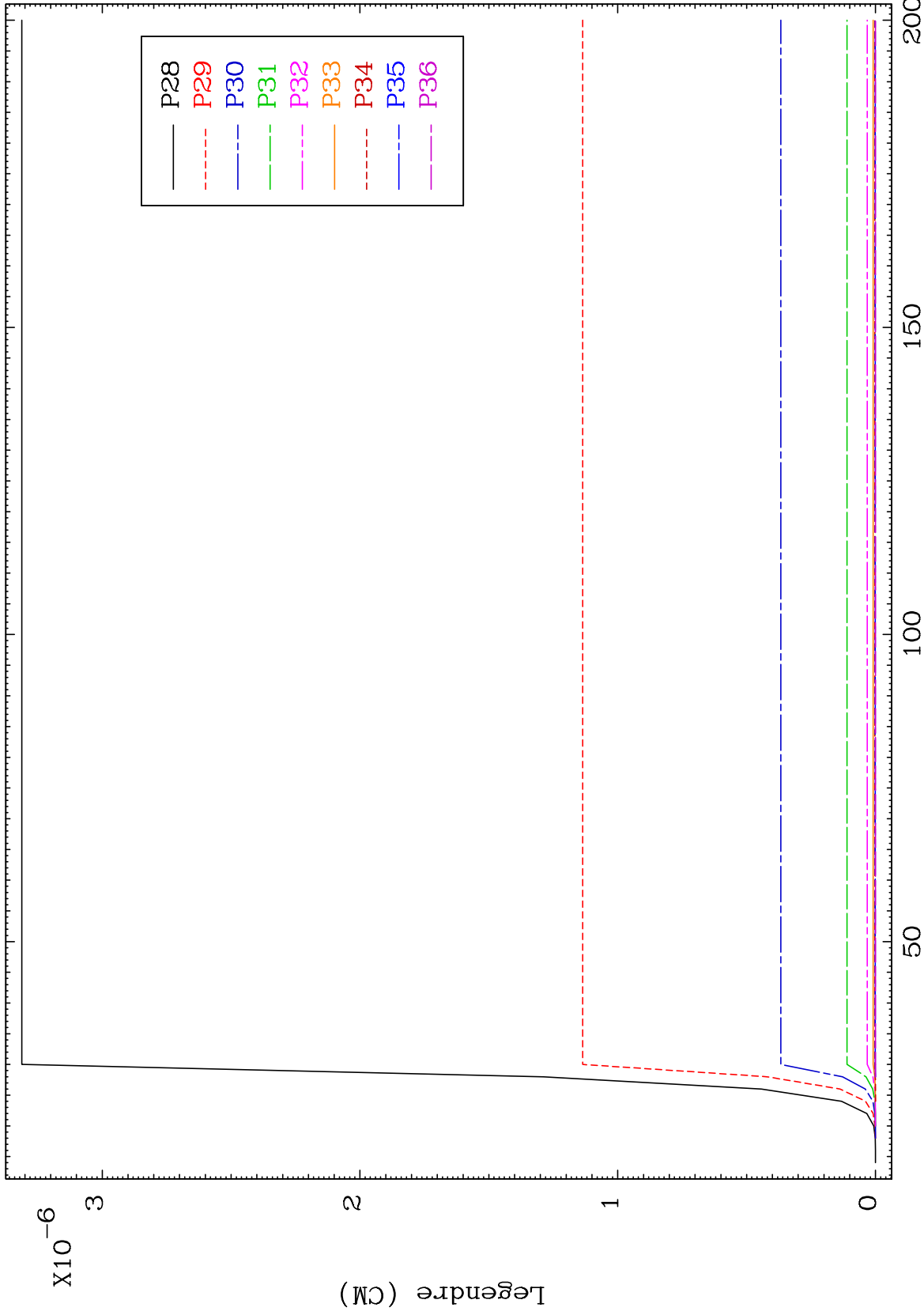
Incident Energy (MeV)

57-La-119

MAT 5668

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

57-La-119



55

Incident Energy (MeV)

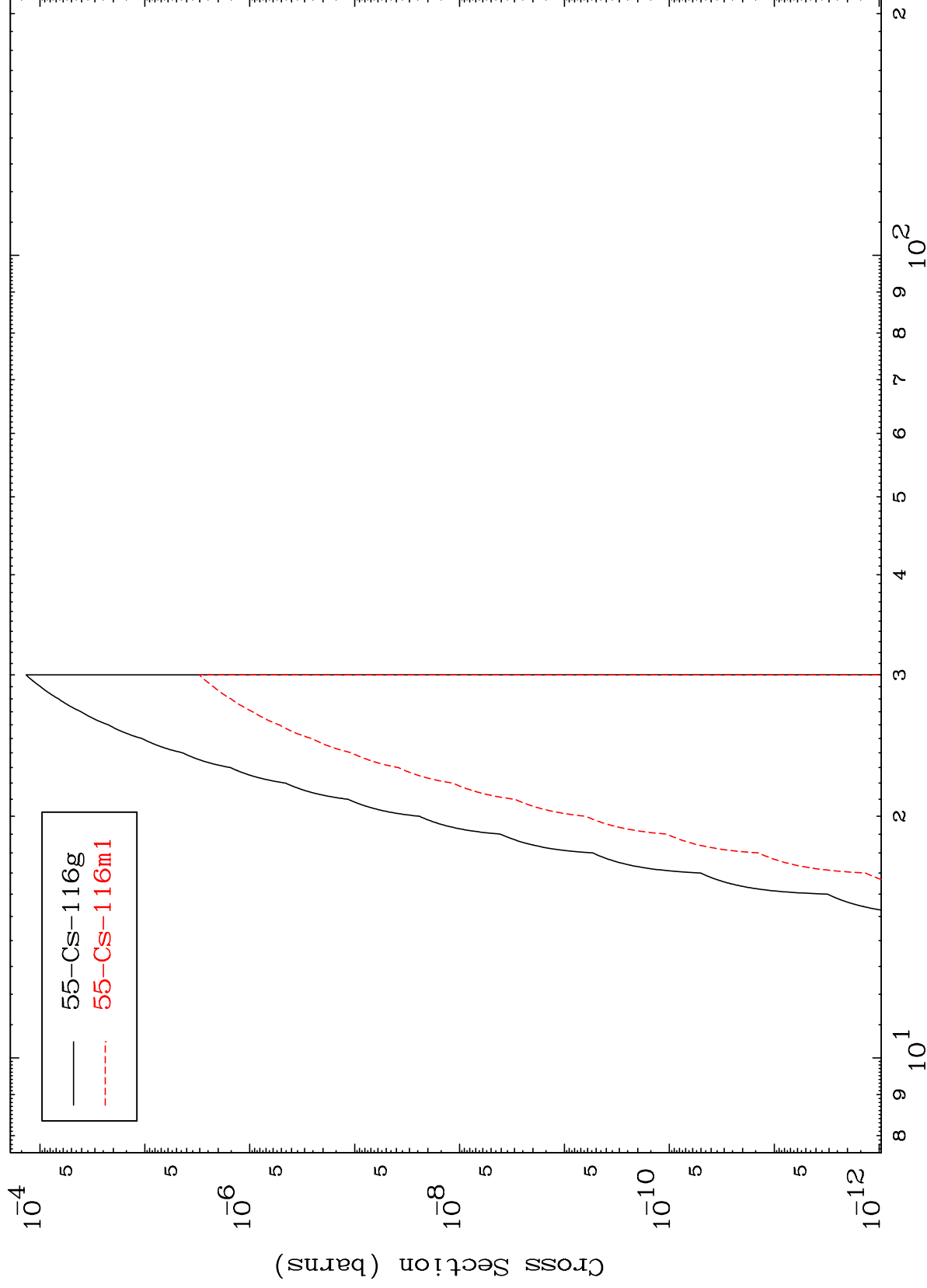
57-La-119

MAT 5668

(n,n') He-3

57-La-119

Radionuclide Production Cross Section



56

Incident Energy (MeV)

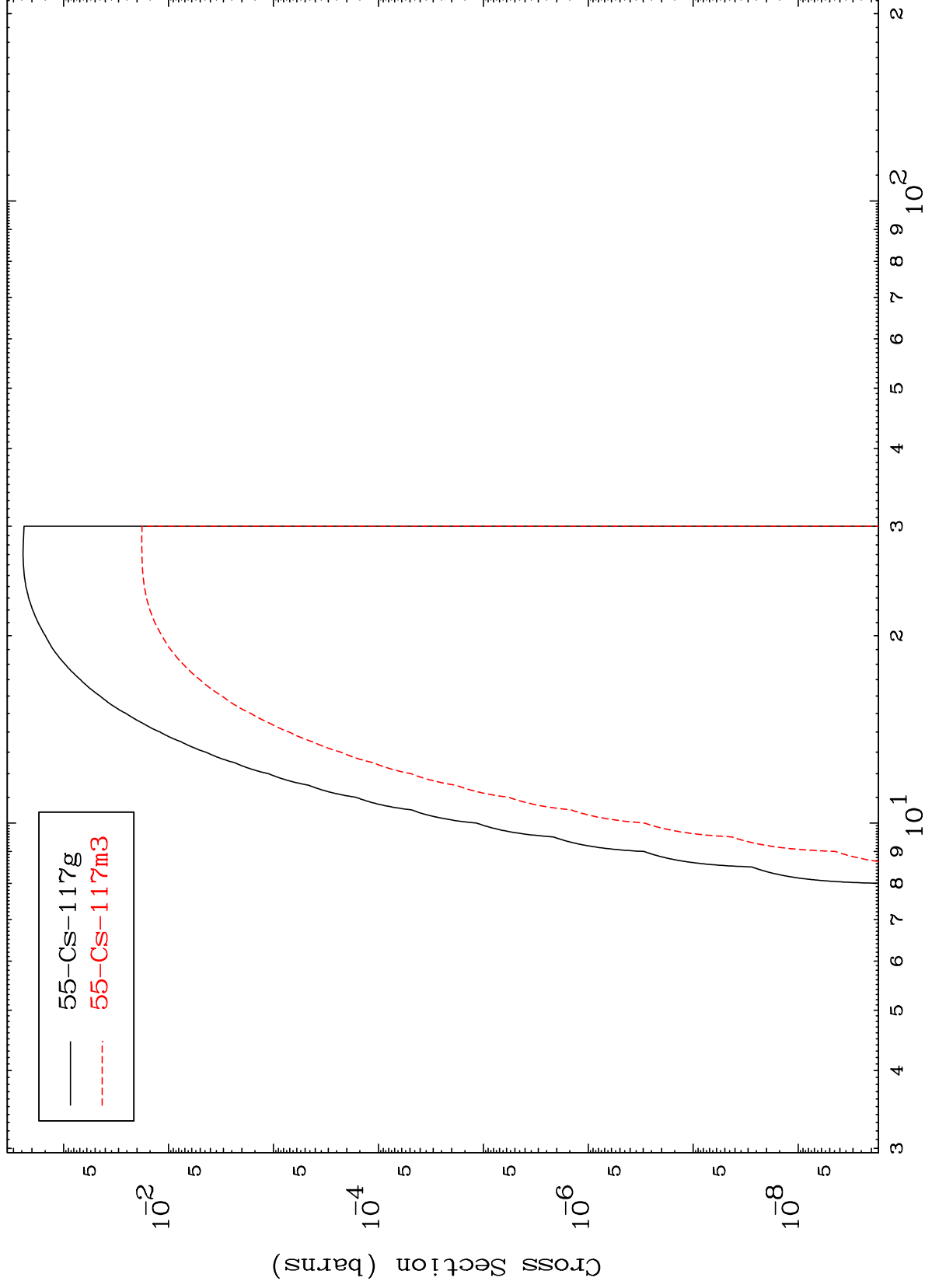
57-La-119

MAT 5668

(n,2n) p

57-La-119

Radionuclide Production Cross Section



57

Incident Energy (MeV)

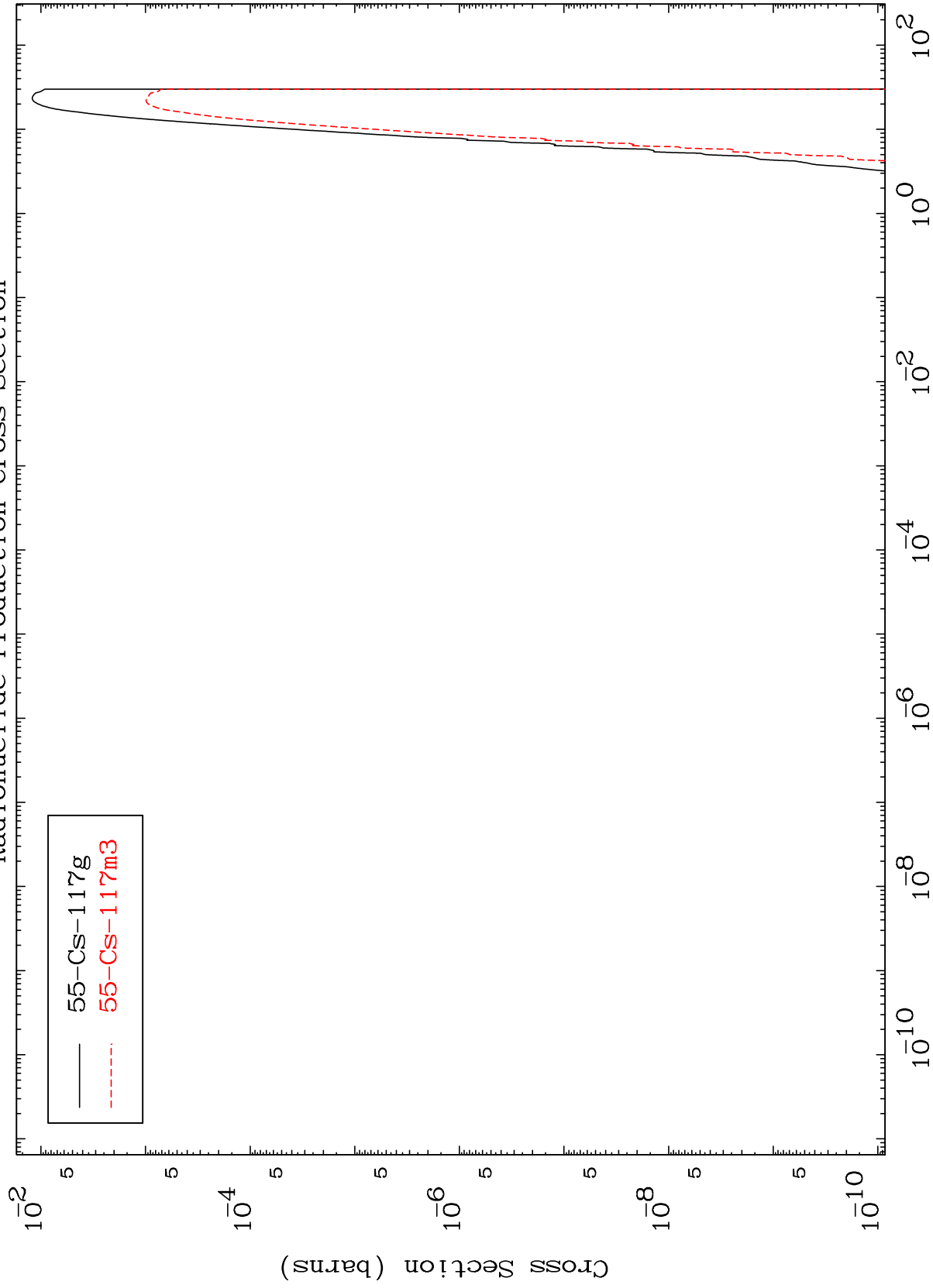
57-La-119

MAT 5668

(n,He-3)

57-La-119

Radionuclide Production Cross Section



58

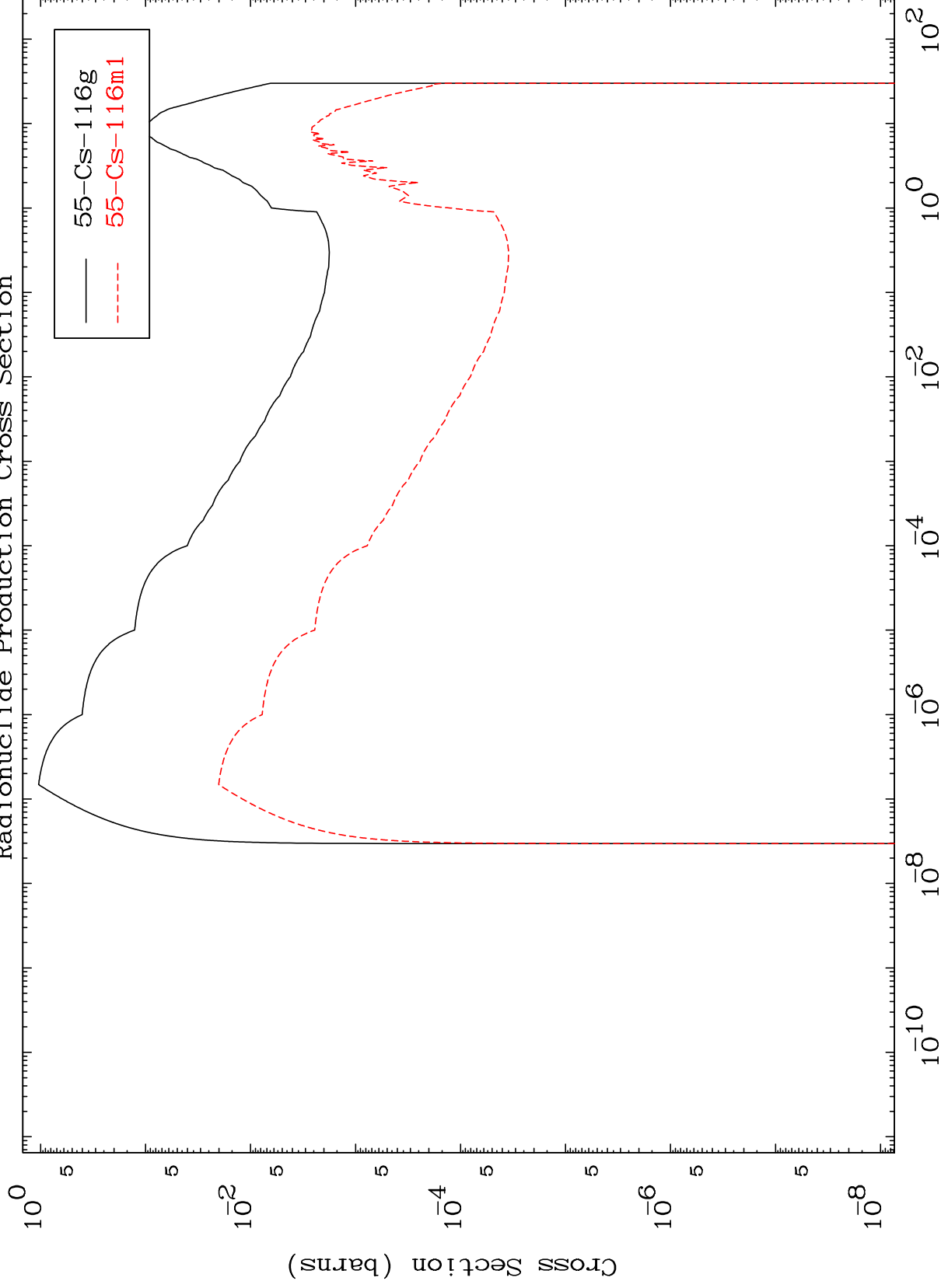
Incident Energy (MeV)

57-La-119

MAT 5668

57-La-119

(n,α)
Radionuclide Production Cross Section



59

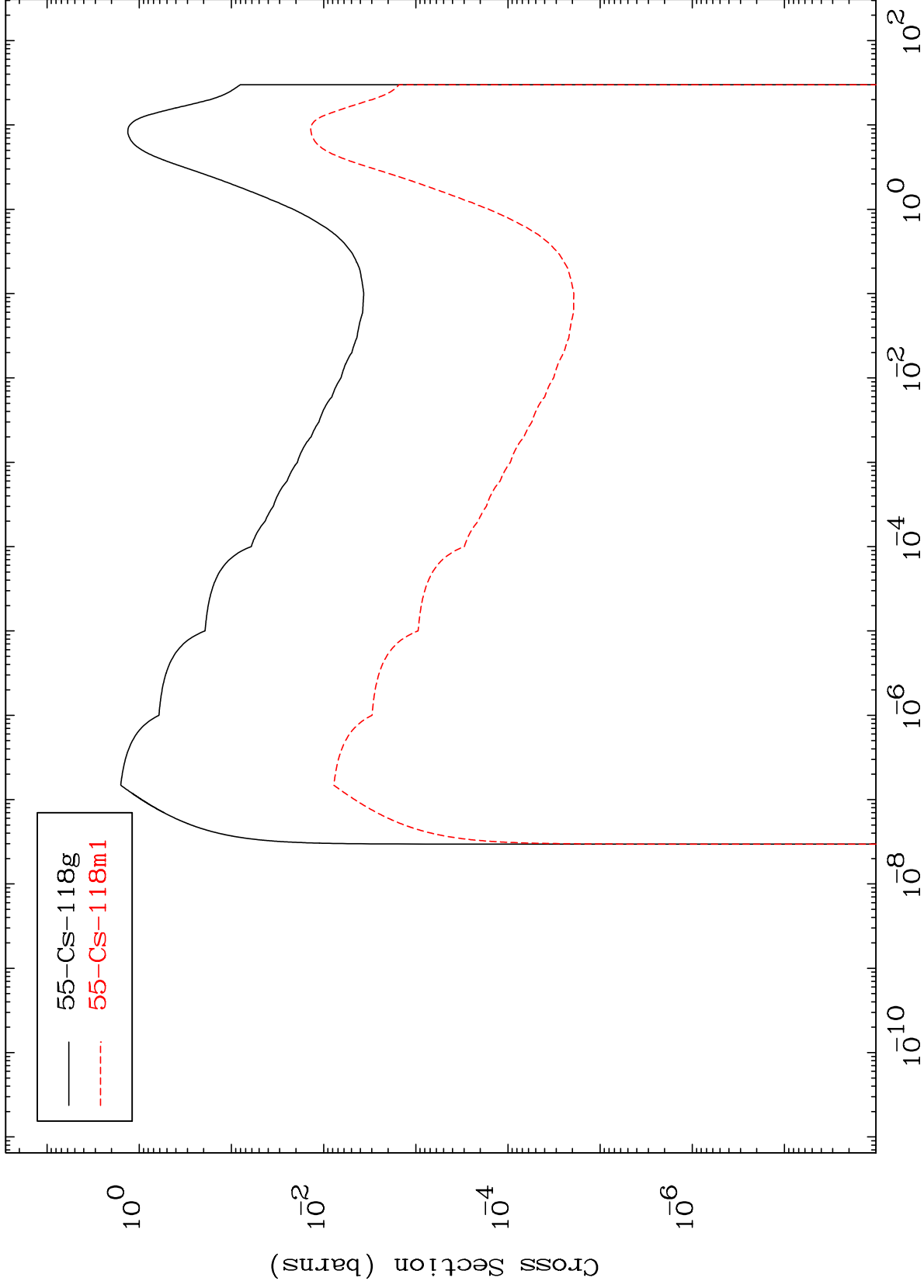
Incident Energy (MeV)

57-La-119

MAT 5668

(n,2p)
Radionuclide Production Cross Section

57-La-119



60

Incident Energy (MeV)

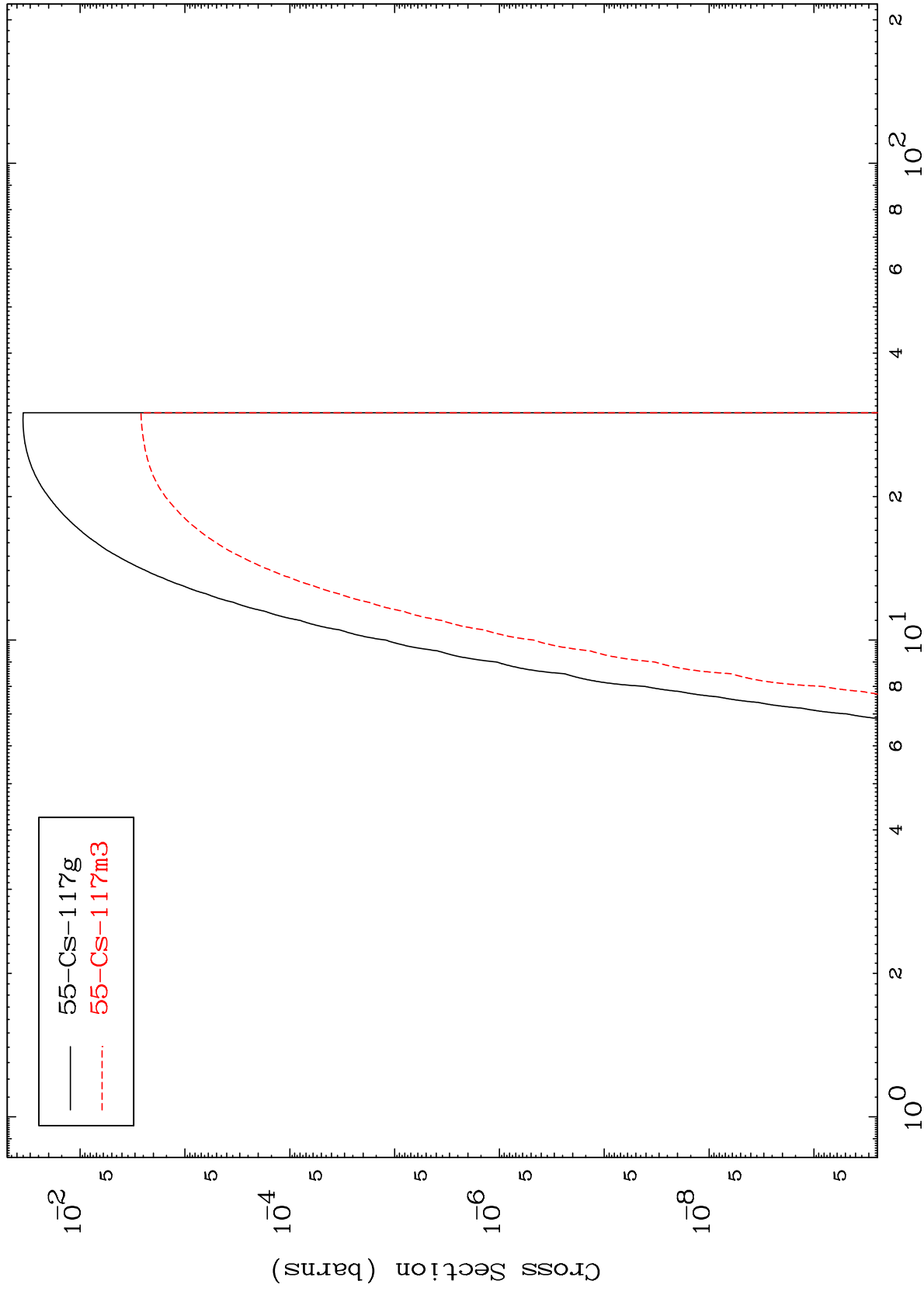
57-La-119

MAT 5668

(n,p) d

57-La-119

Radionuclide Production Cross Section



61

Incident Energy (MeV)

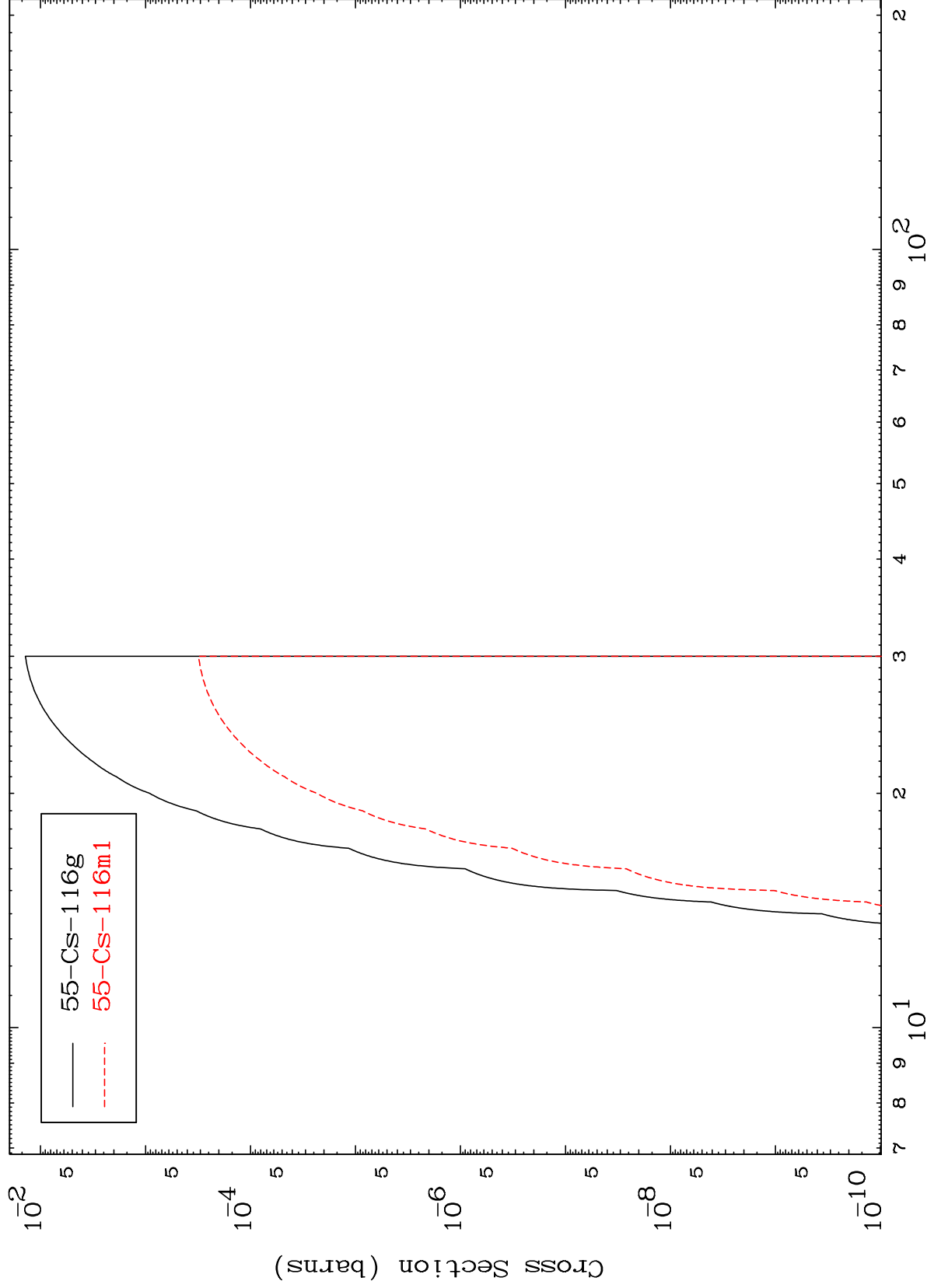
57-La-119

MAT 5668

(n,p) t

57-La-119

Radionuclide Production Cross Section



62

Incident Energy (MeV)

57-La-119