

Program EVALPLOT
(Version 2021-1)

by

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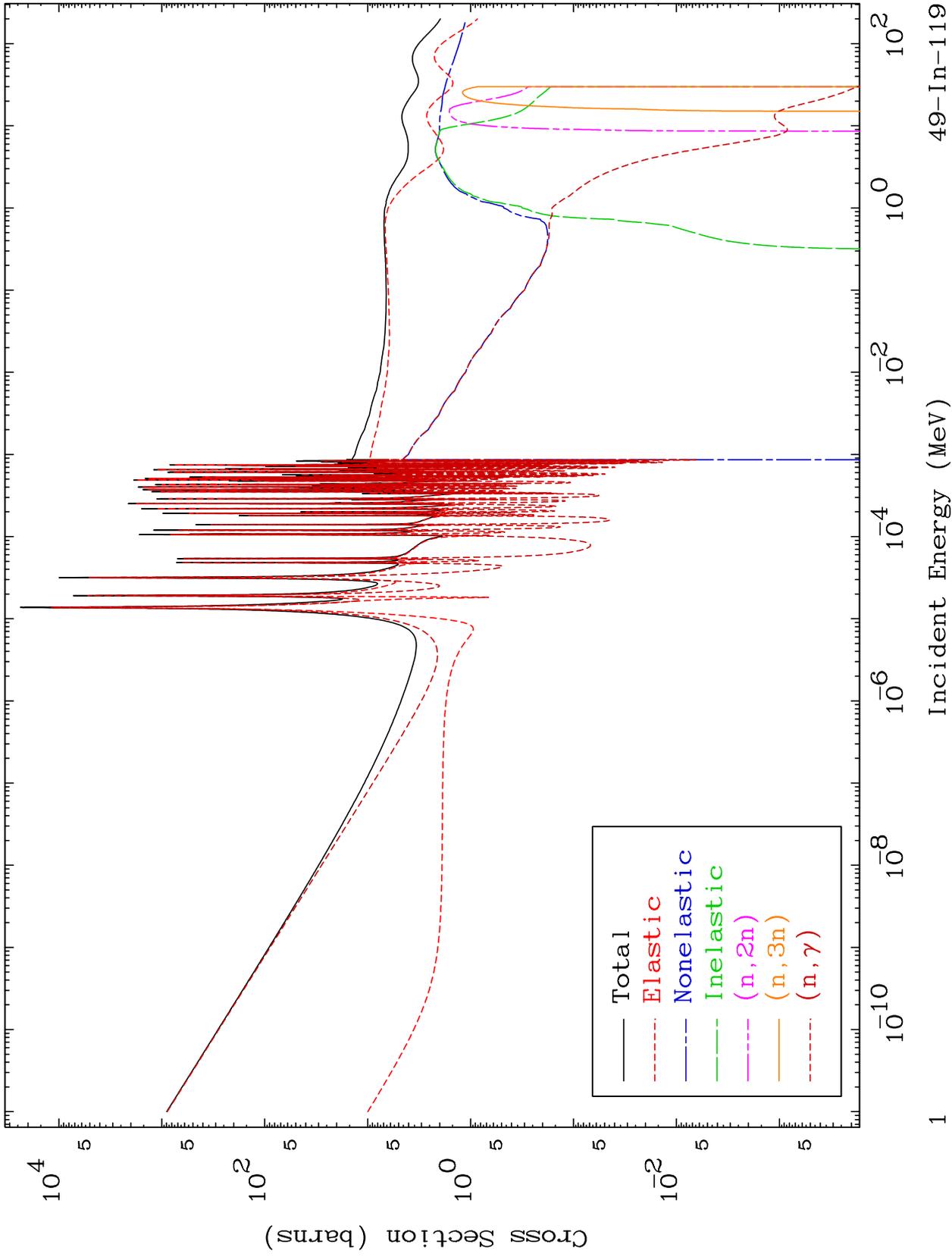
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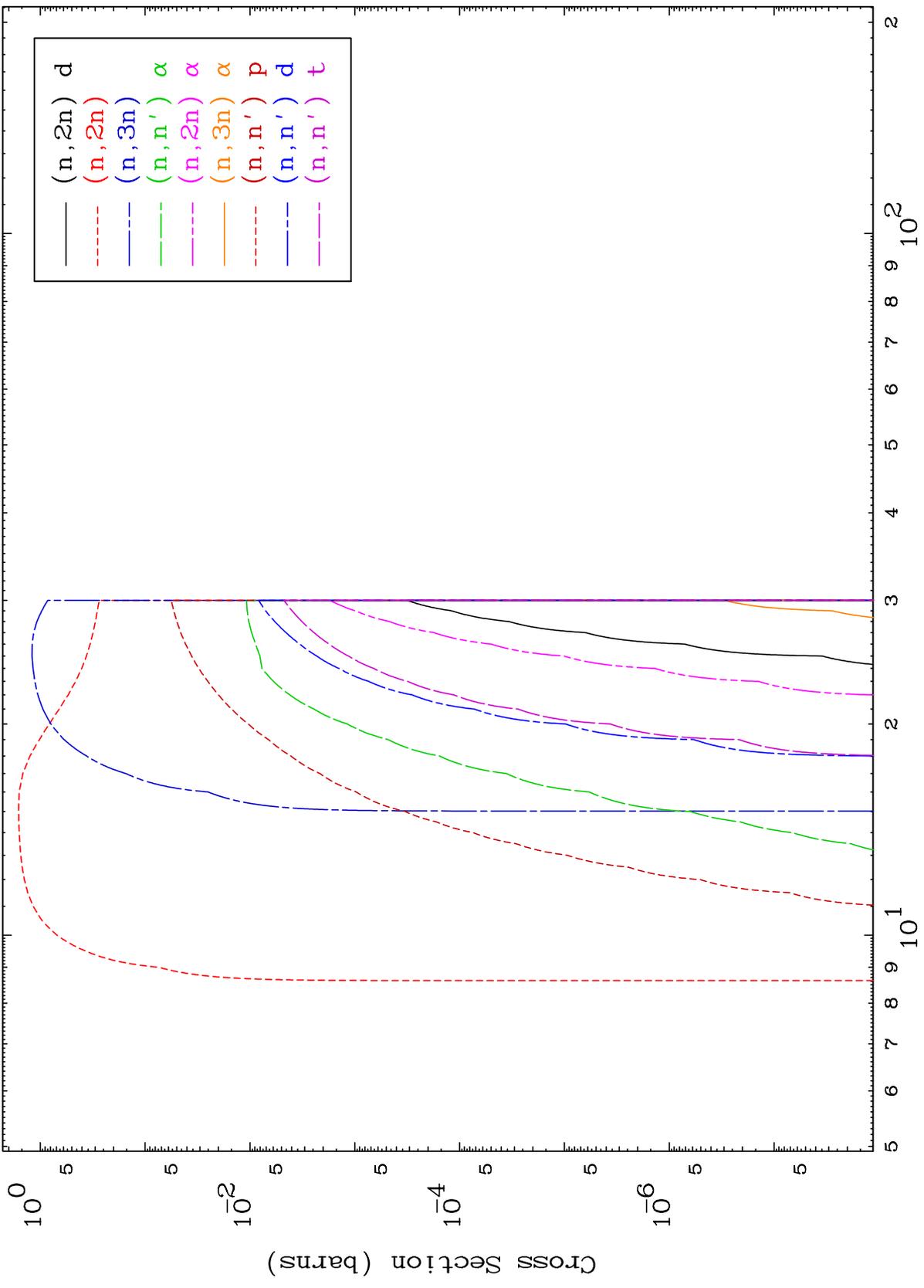
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MAT 4943

Neutron Major
293 Kelvin Cross Sections

49-In-119

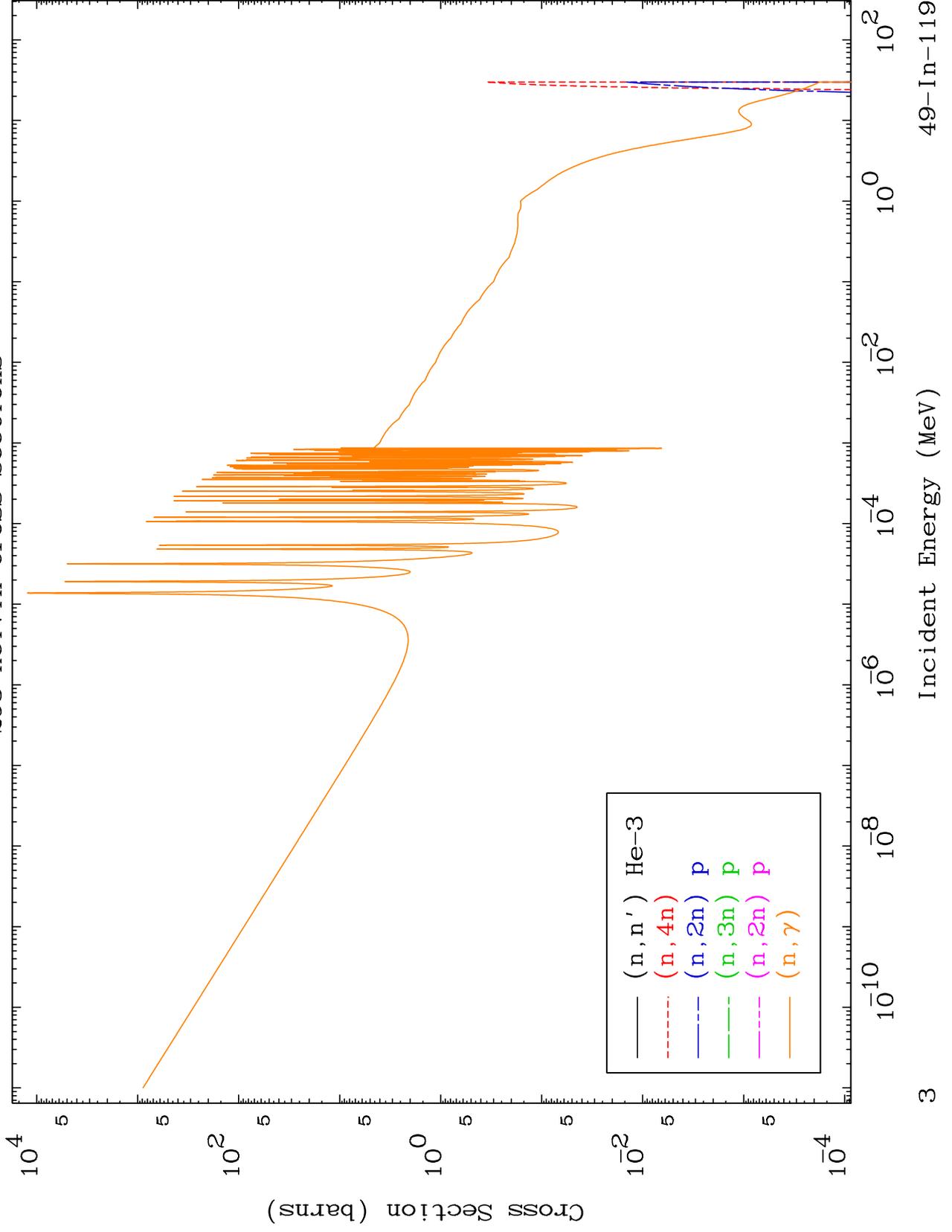


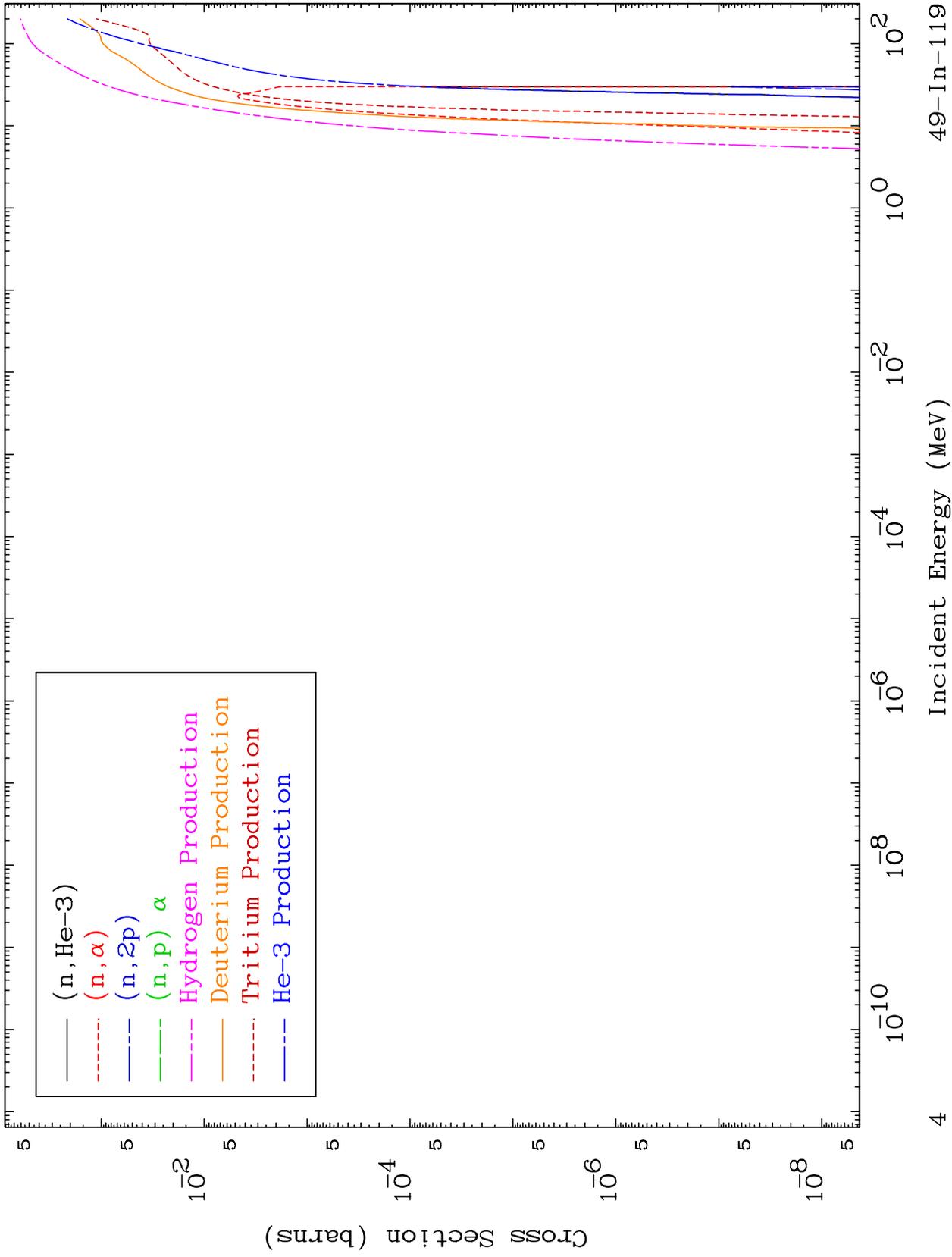


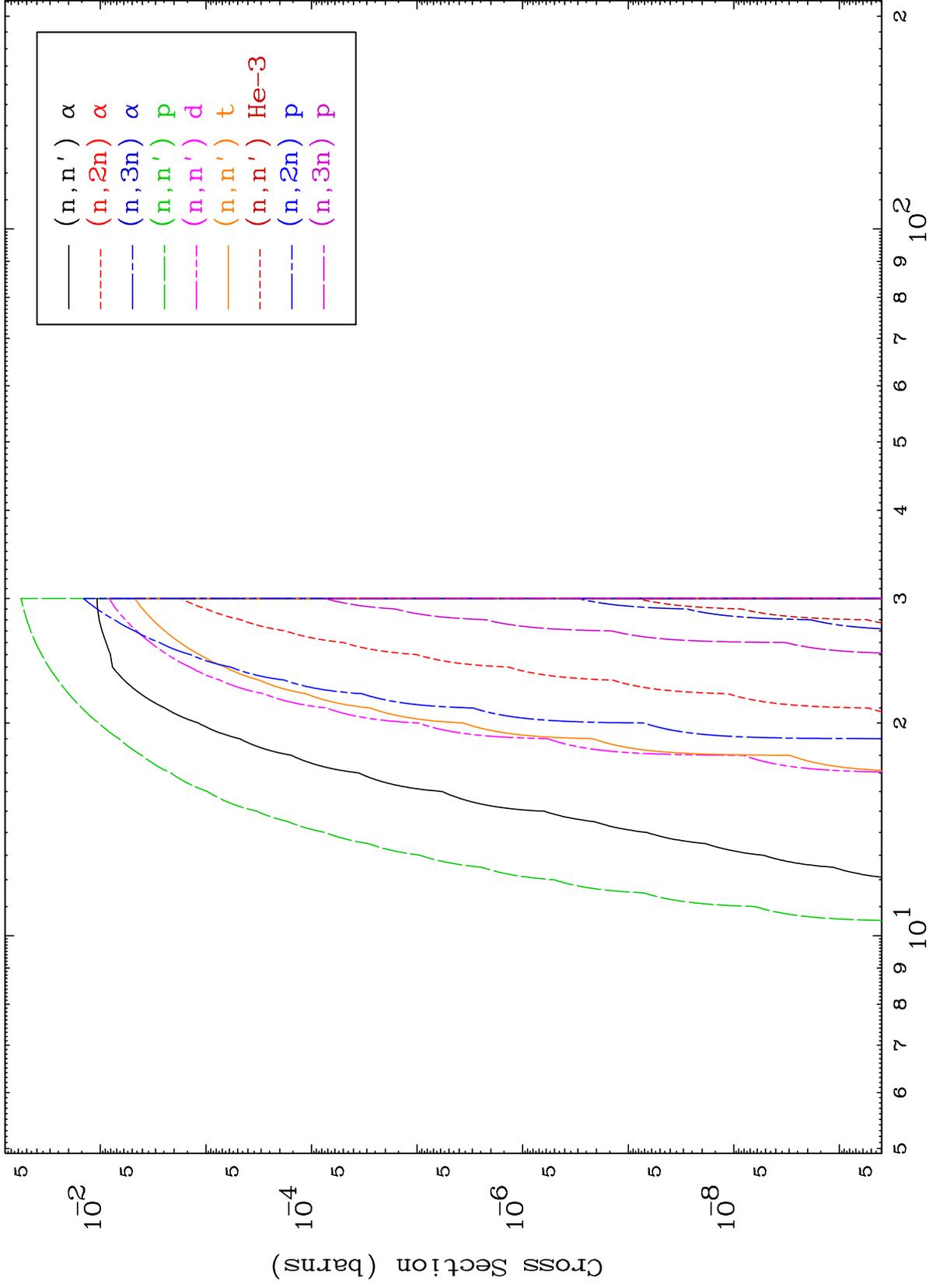
MAT 4943

Neutron Absorption
293 Kelvin Cross Sections

49-In-119



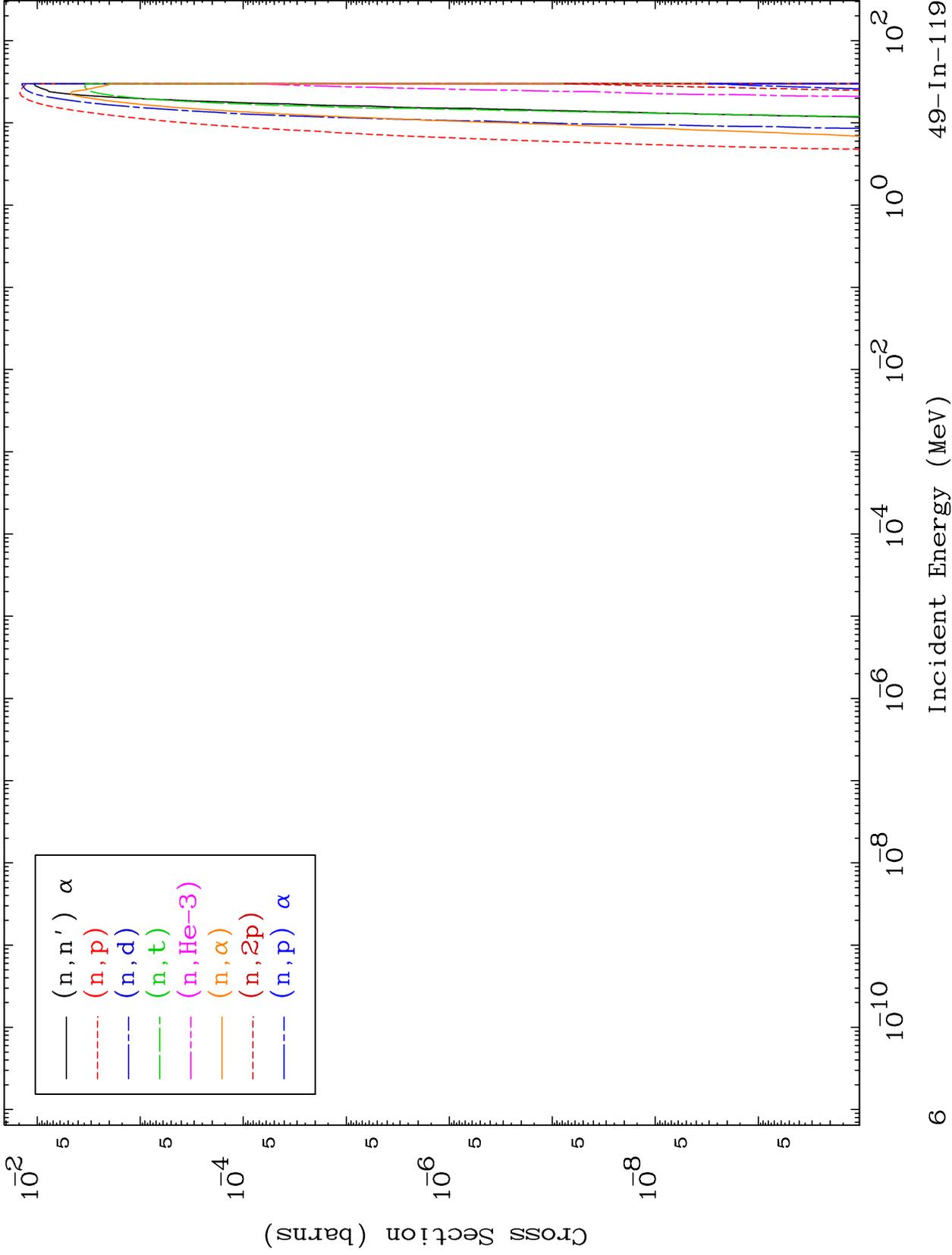


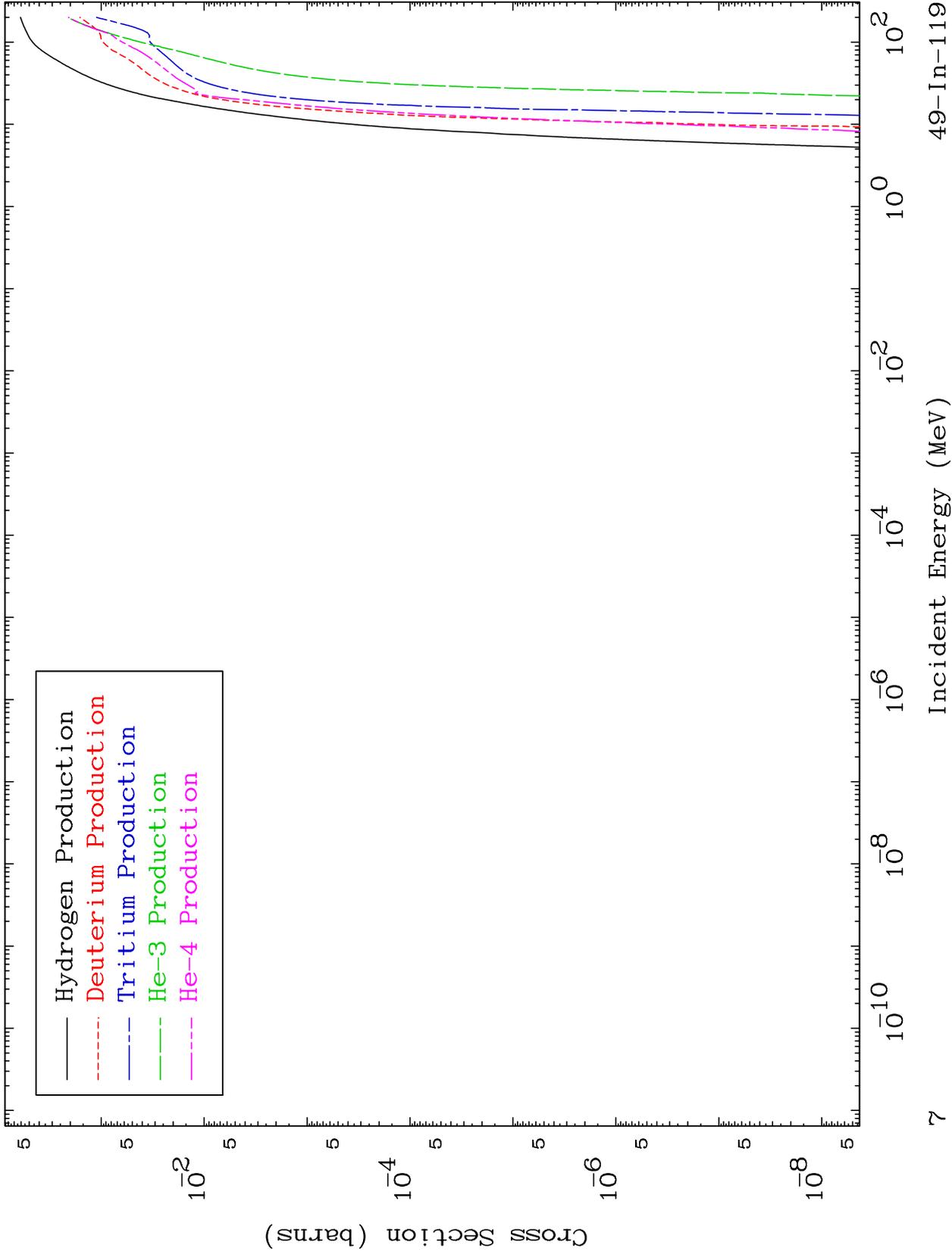


MAT 4943

Charged Particle
293 Kelvin Cross Sections

49-In-119



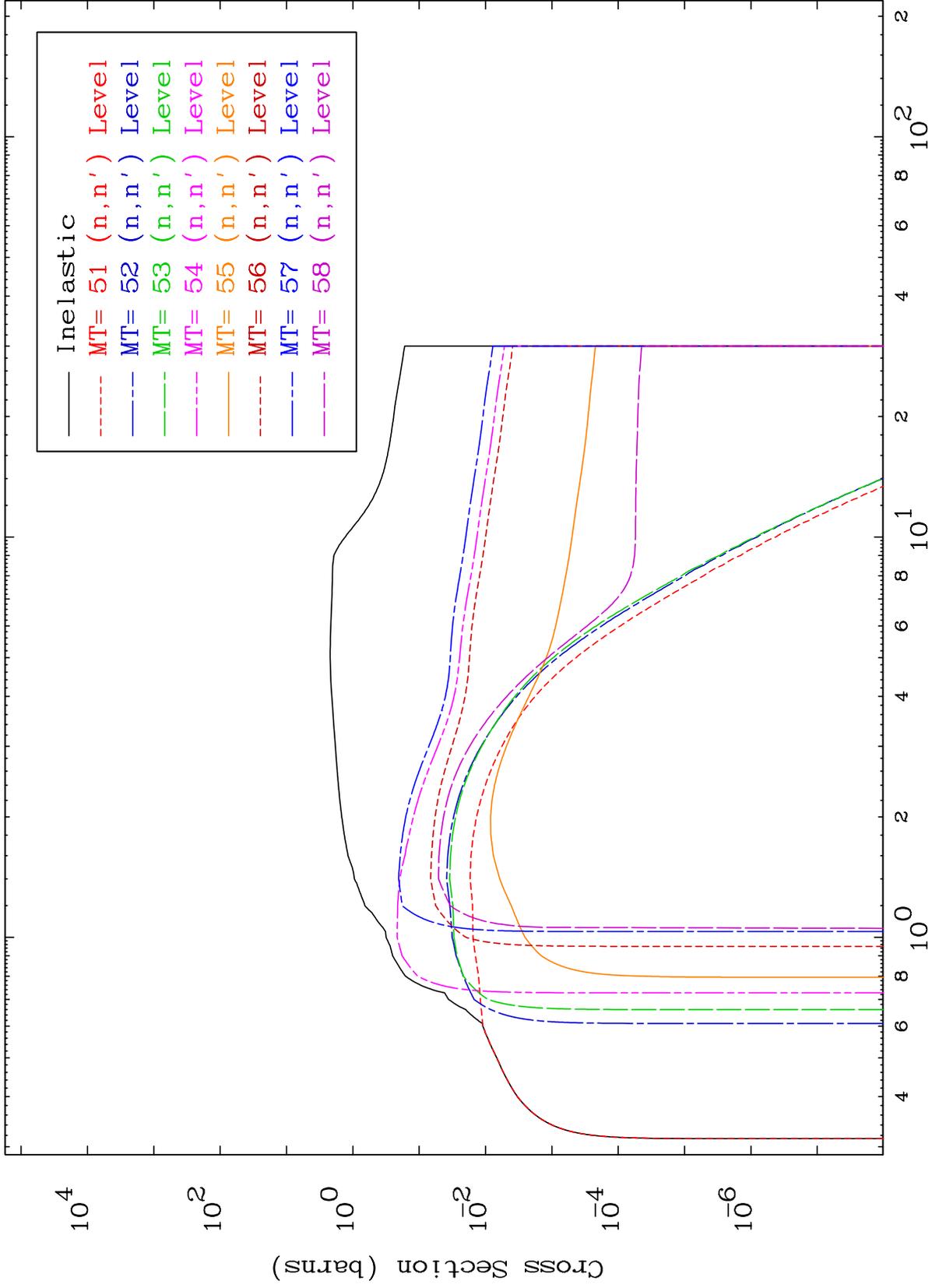


MAT 4943

(n,n') Levels

49-In-119

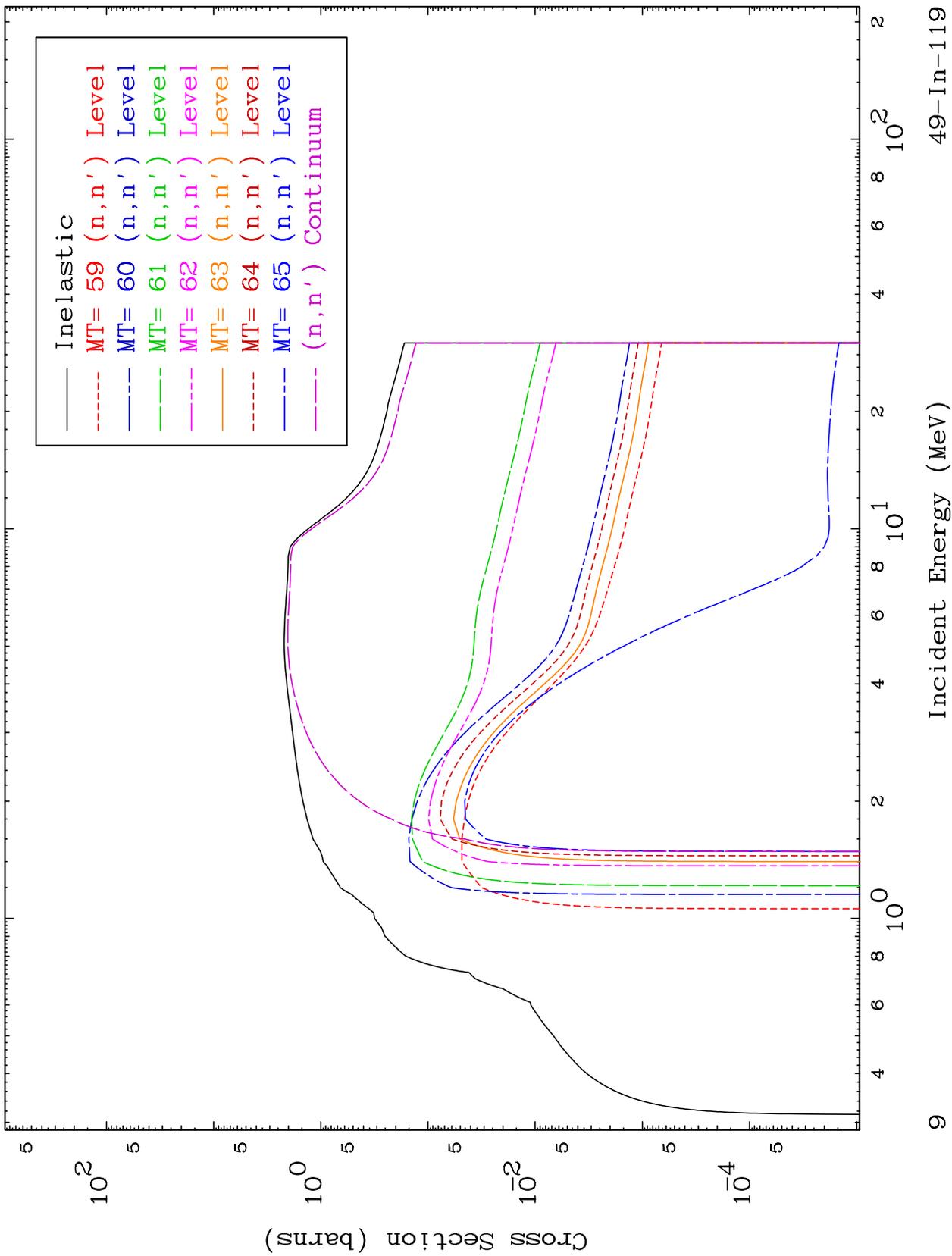
293 Kelvin Cross Sections



8

Incident Energy (MeV)

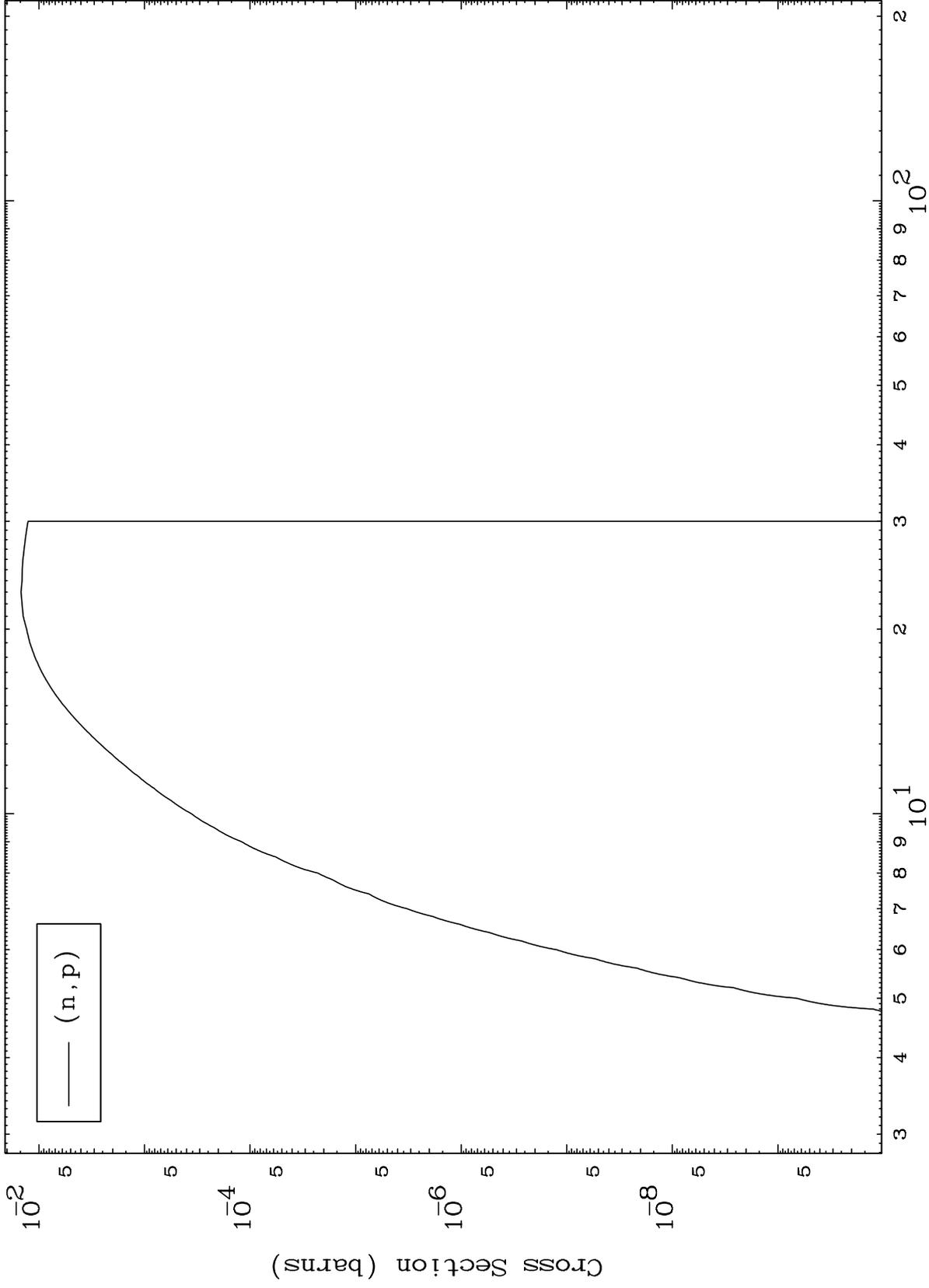
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MAT 4943

(n,p) Levels
293 Kelvin Cross Sections

49-In-119



10

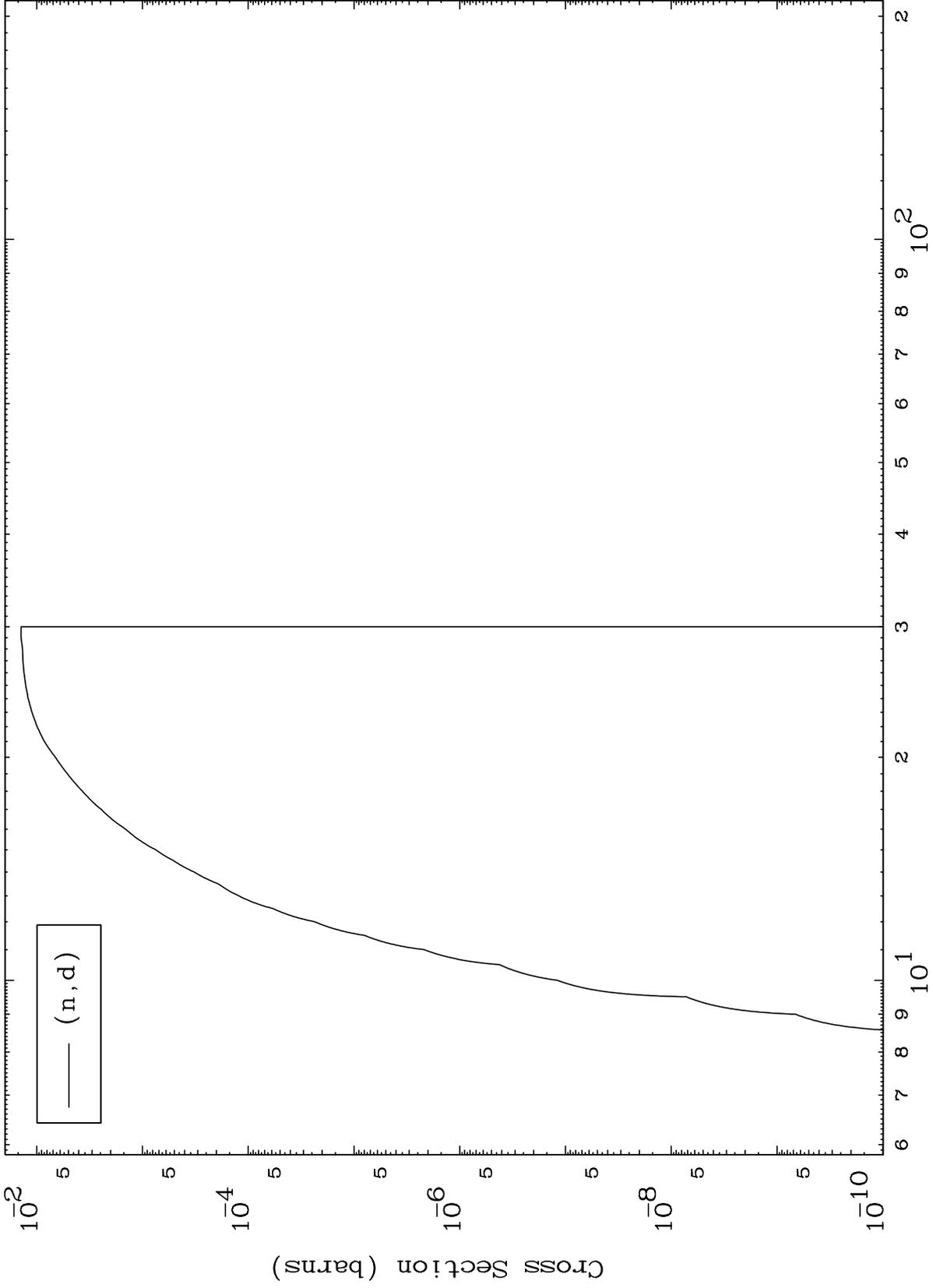
Incident Energy (MeV)

49-In-119

MAT 4943

(n,d) Levels
293 Kelvin Cross Sections

49-In-119



11

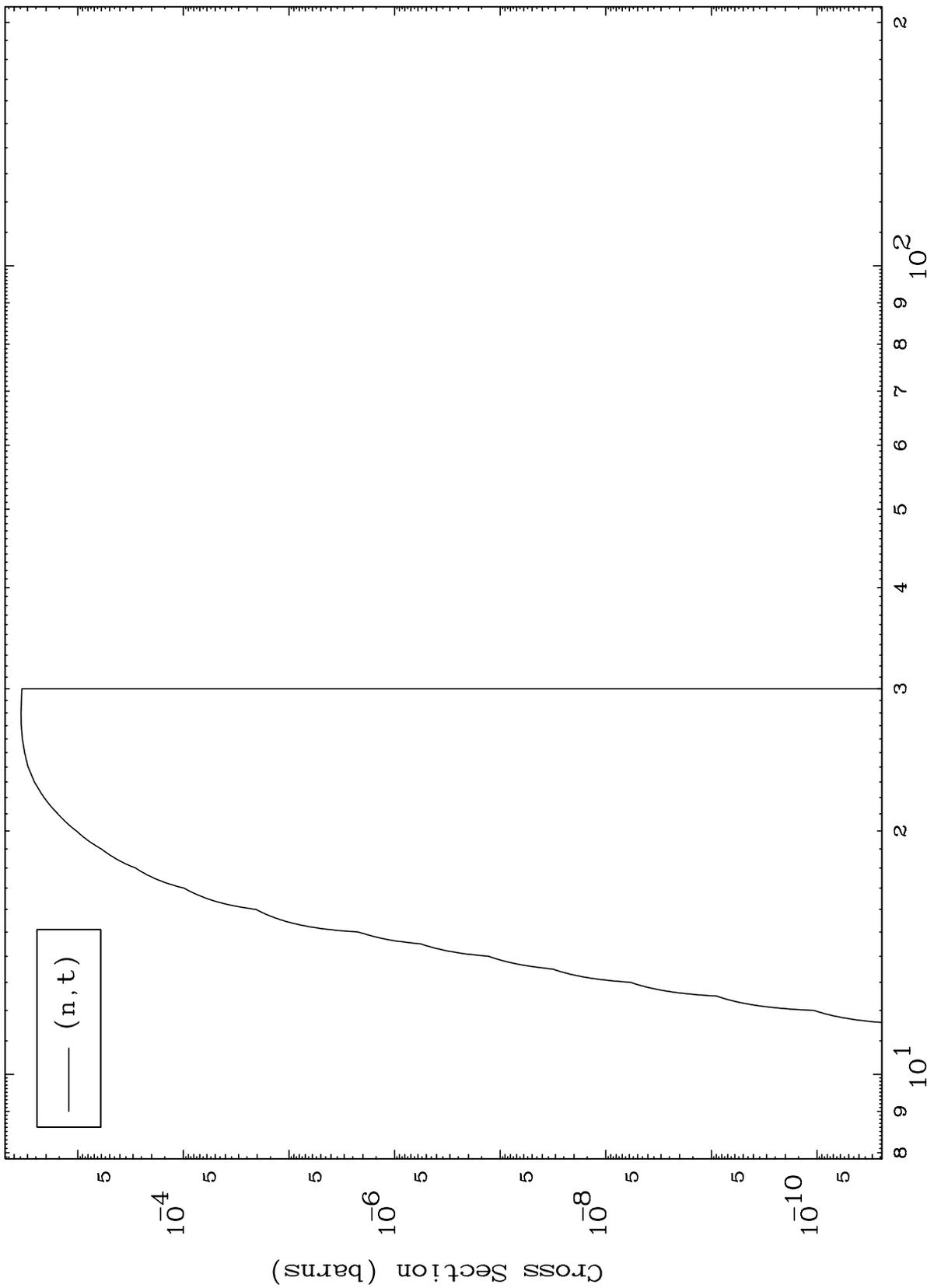
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49-In-119

MAT 4943

(n,t) Levels
293 Kelvin Cross Sections

49-In-119



12

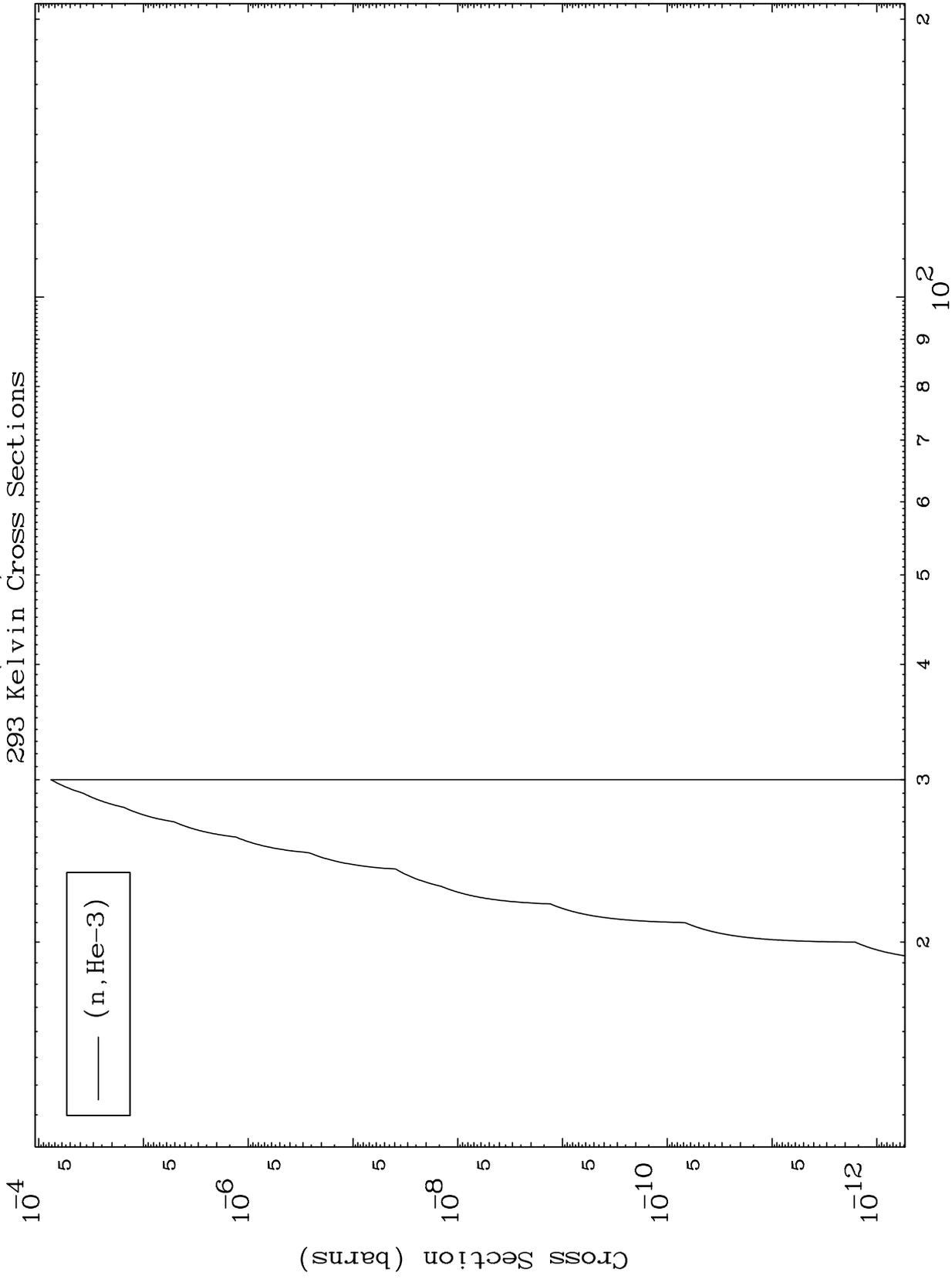
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49-In-119

MAT 4943

(n,He3) Levels
293 Kelvin Cross Sections

49-In-119



13

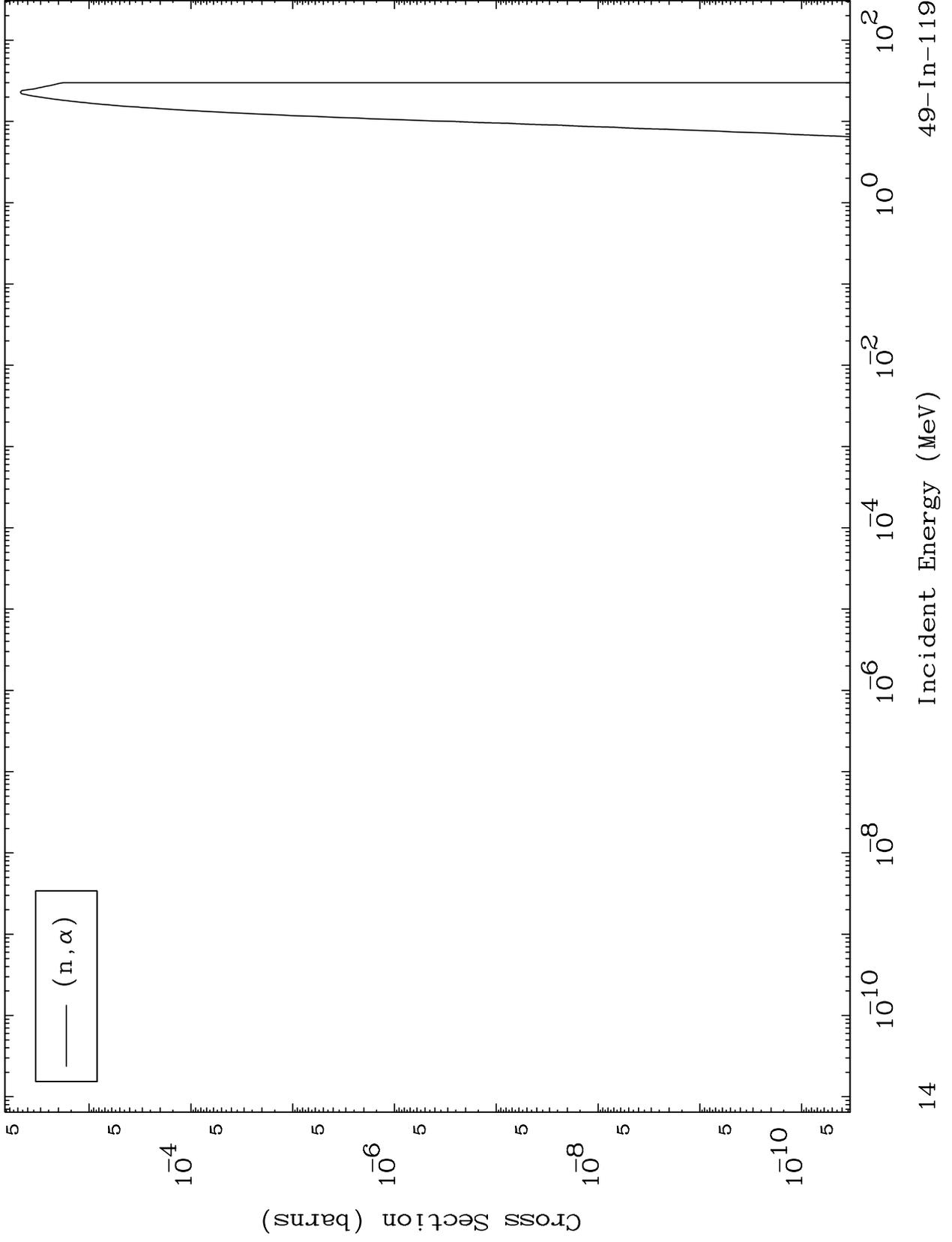
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MAT 4943

(n, α) Levels
293 Kelvin Cross Sections

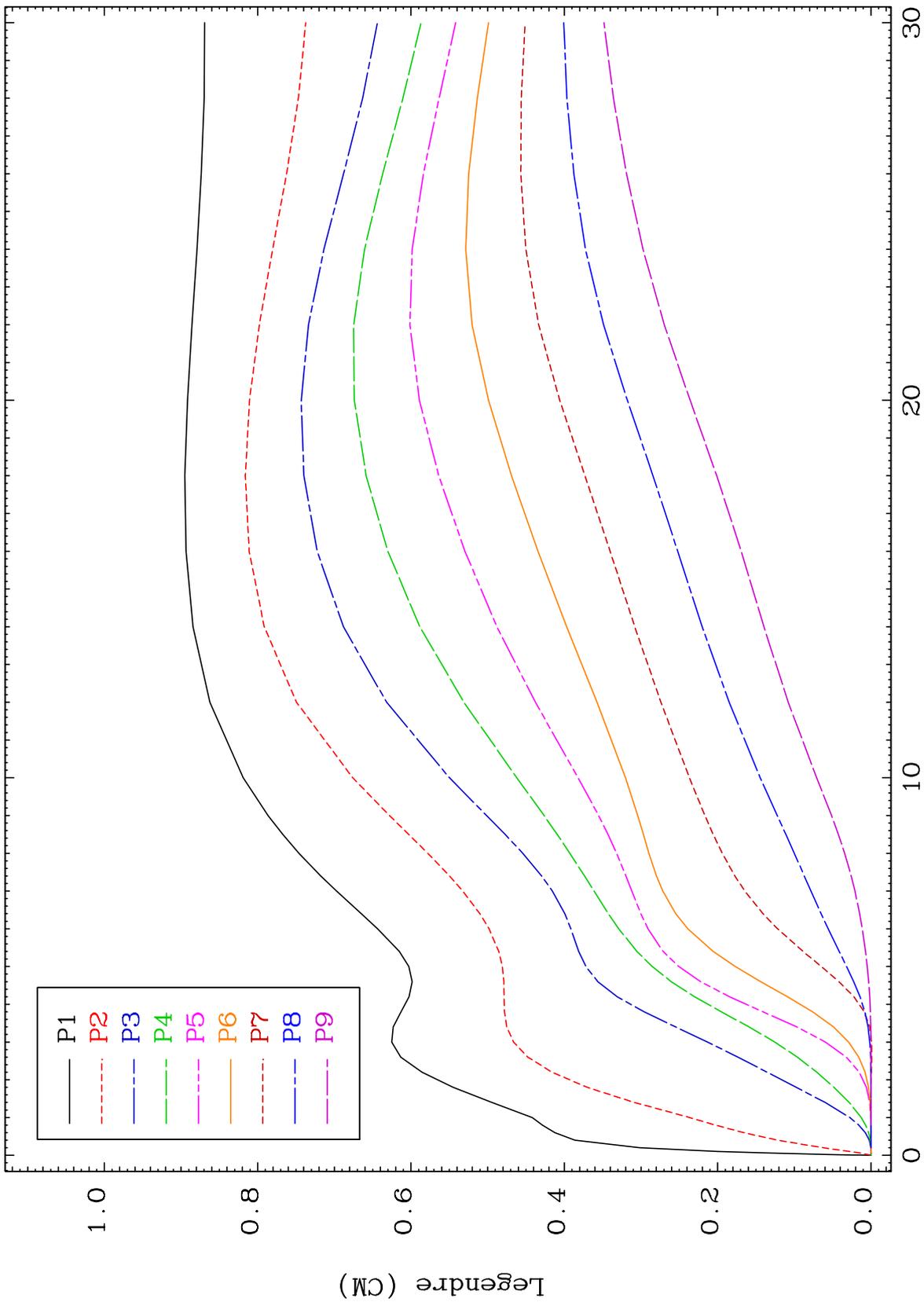
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MAT 4943

Elastic Legendre Coefficients

49-In-119



15

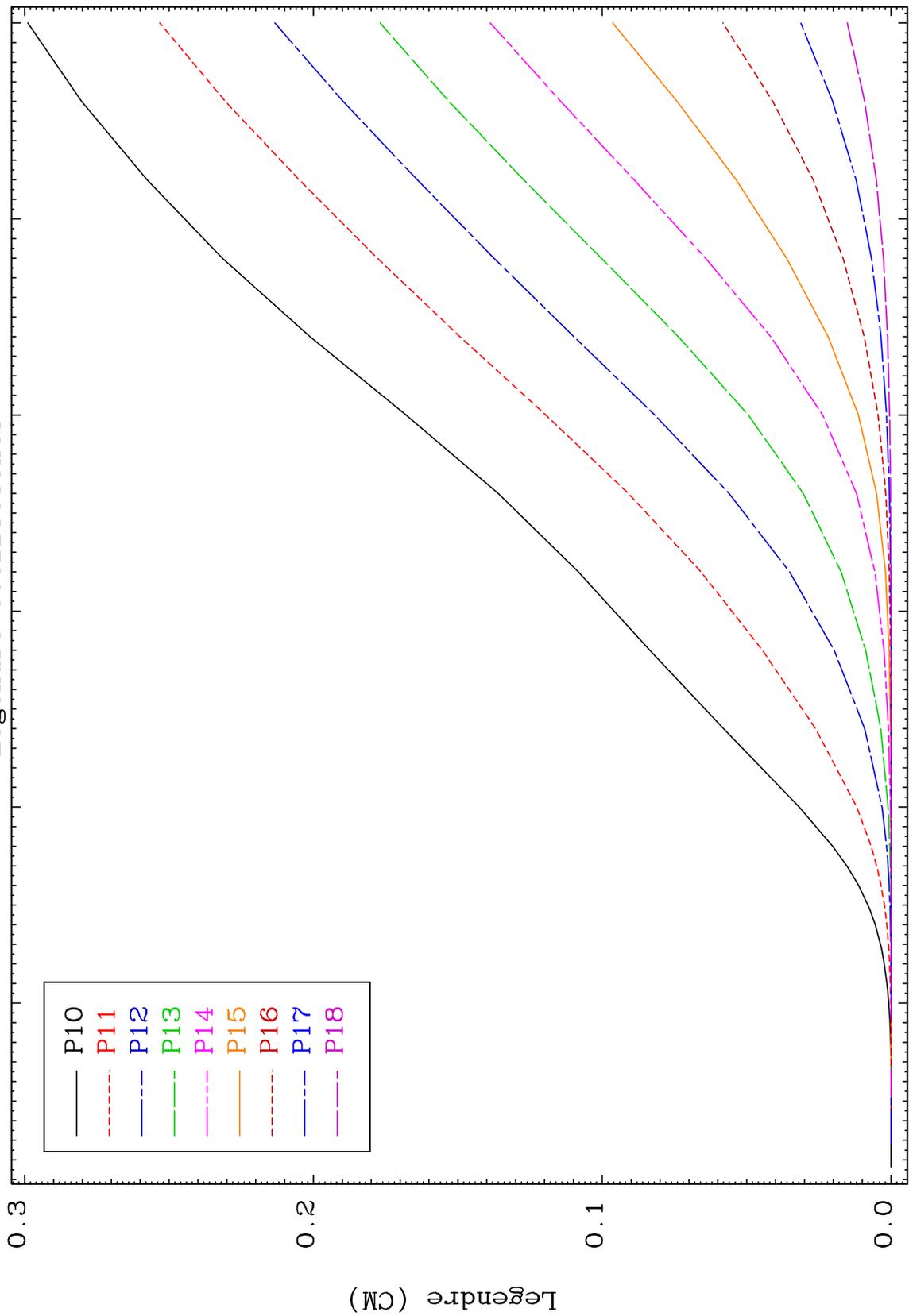
Incident Energy (MeV)

49-In-119

MAT 4943

Elastic Legendre Coefficients

49-In-119



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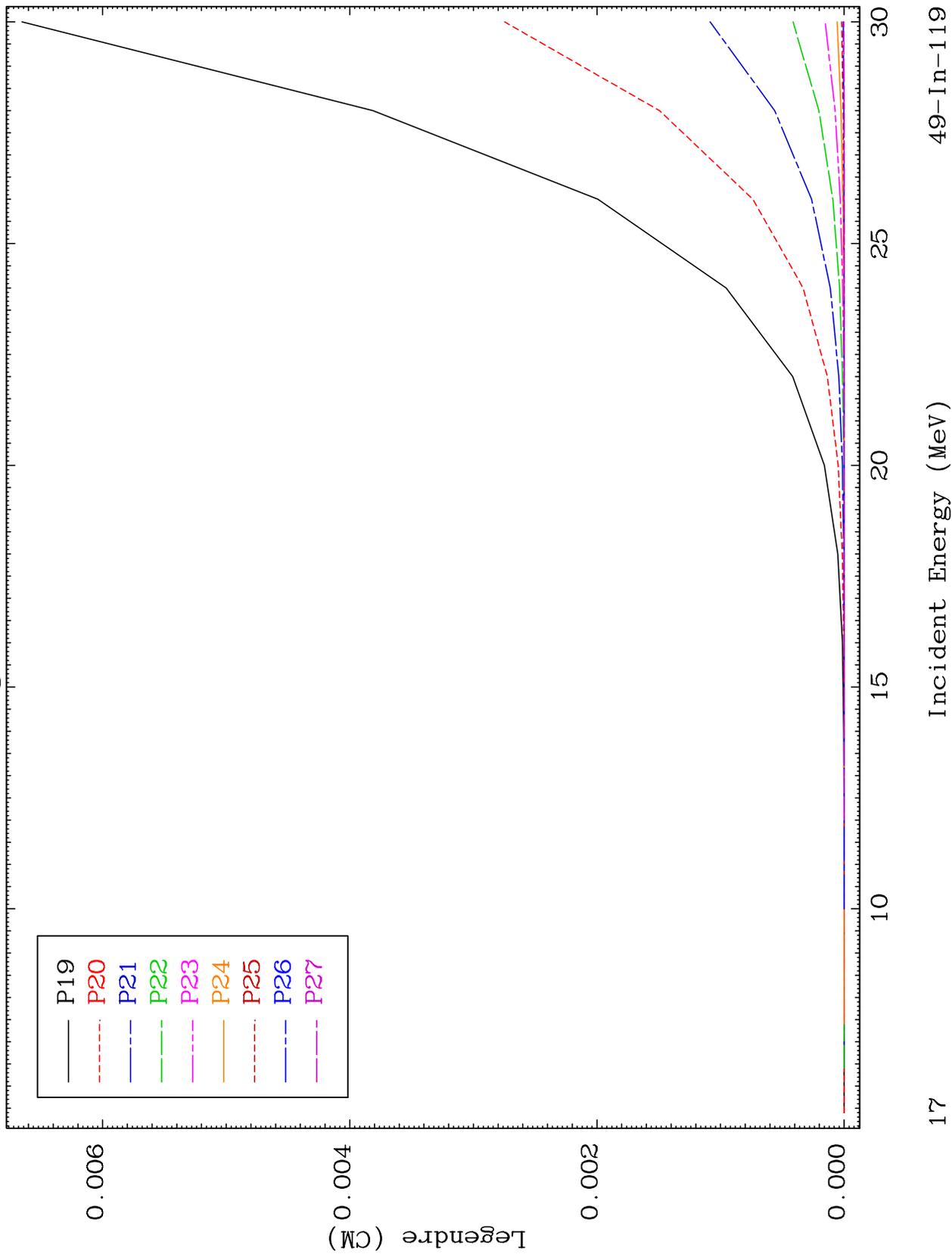
Incident Energy (MeV)

49-In-119

MAT 4943

Elastic Legendre Coefficients

49-In-119



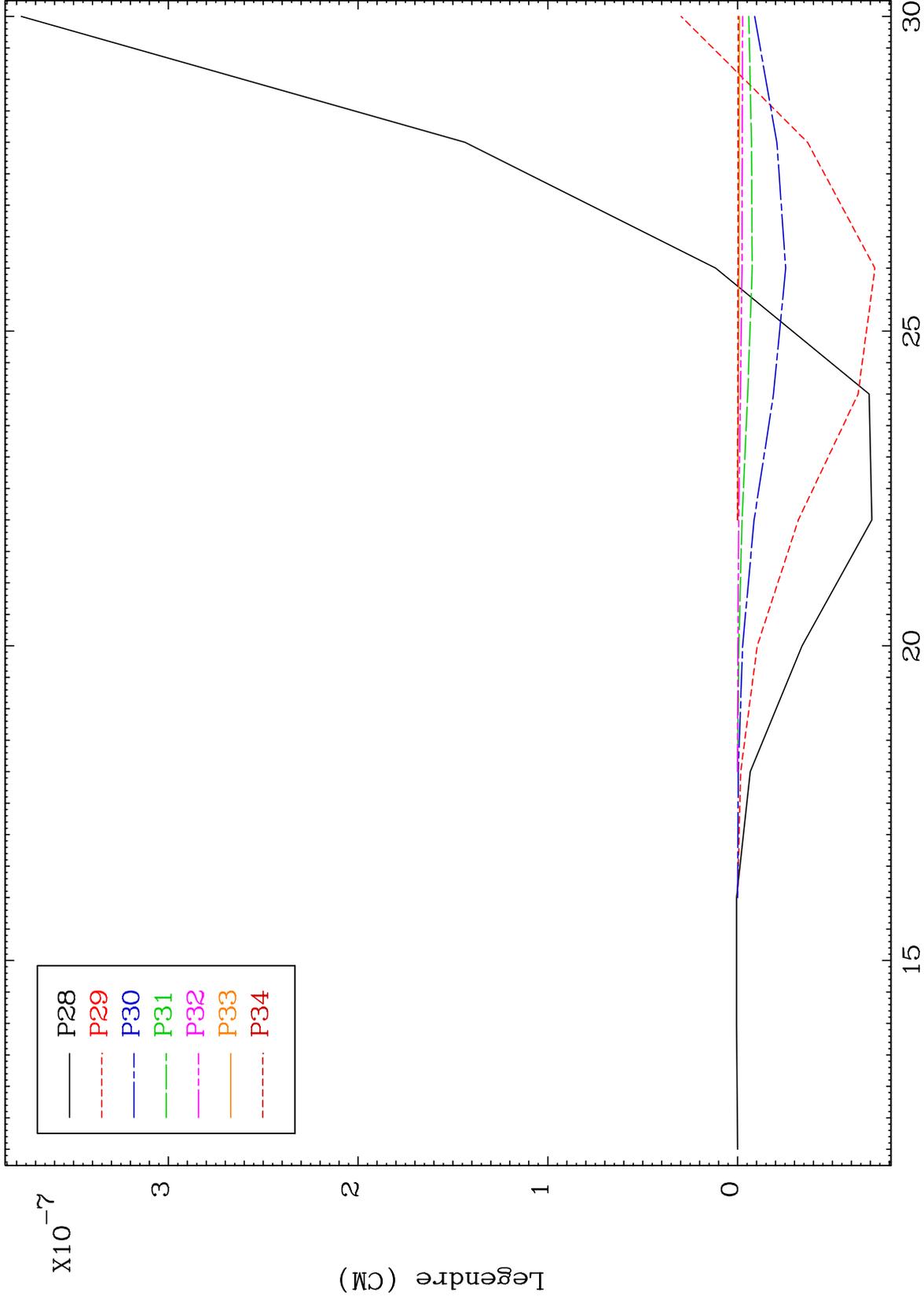
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49-In-119

MAT 4943

Elastic
Legendre Coefficients

49-In-119



18

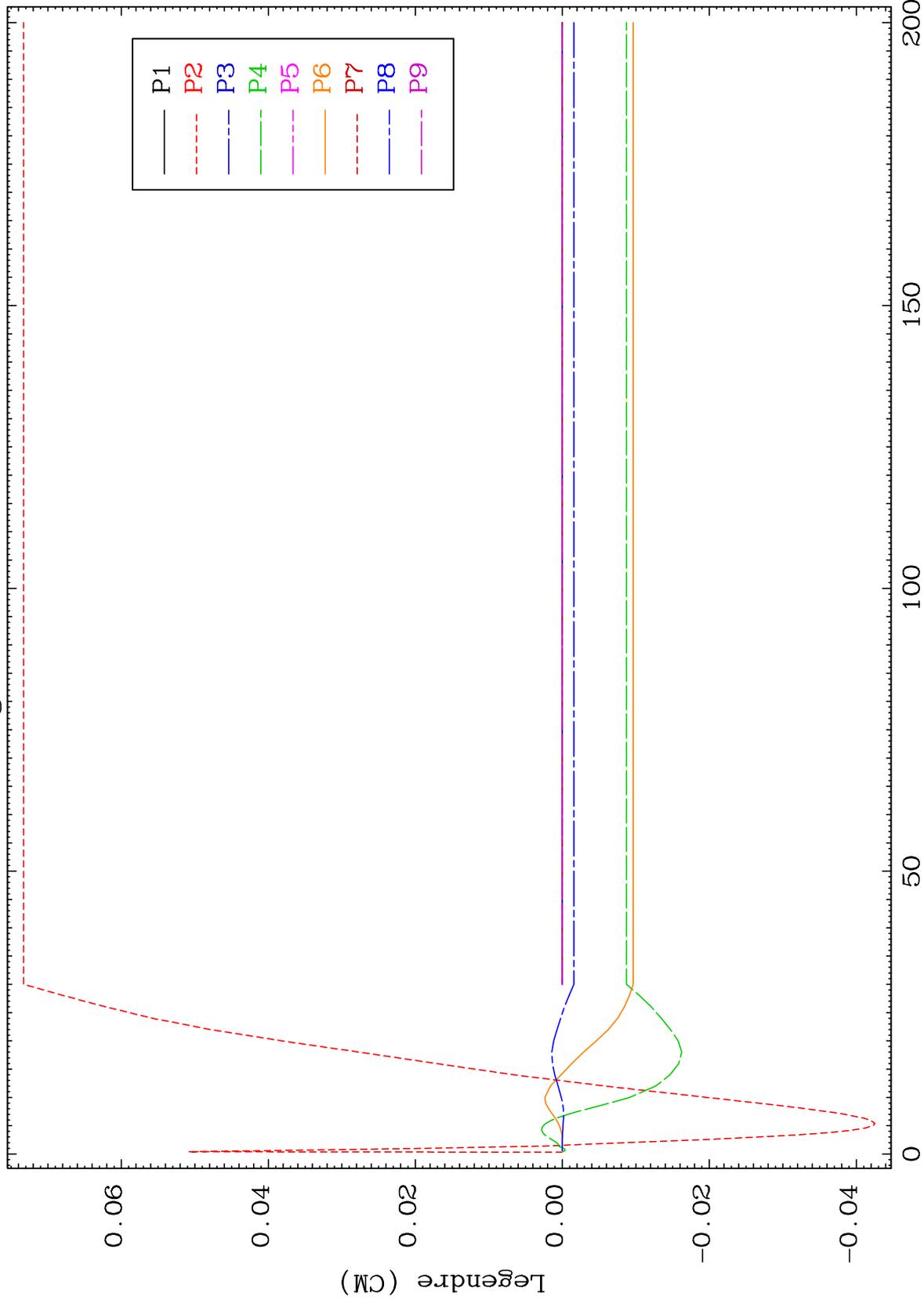
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49-In-119

MAT 4943

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

49-In-119



19

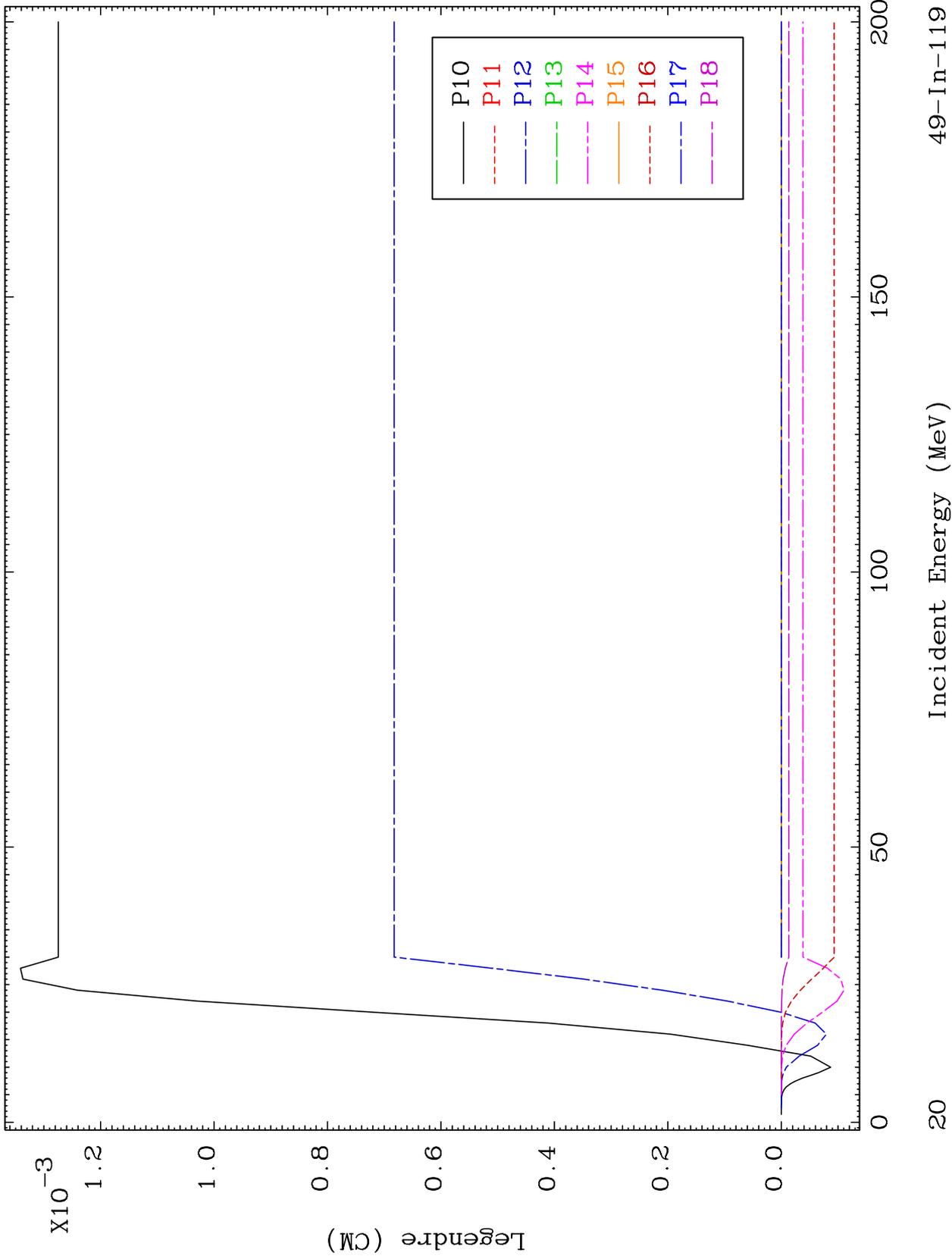
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119

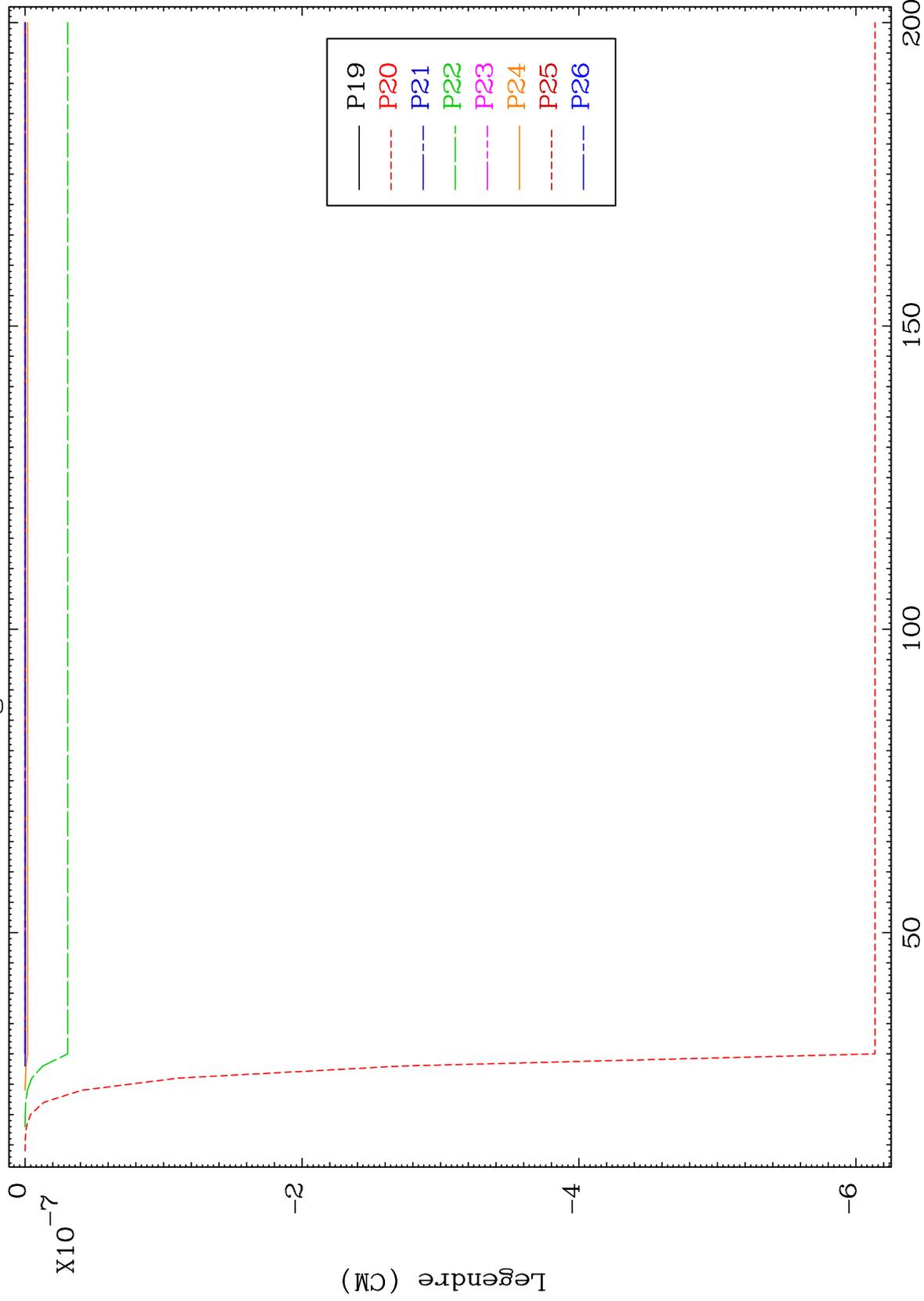


49-In-119

MAT 4943

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

49-In-119



21

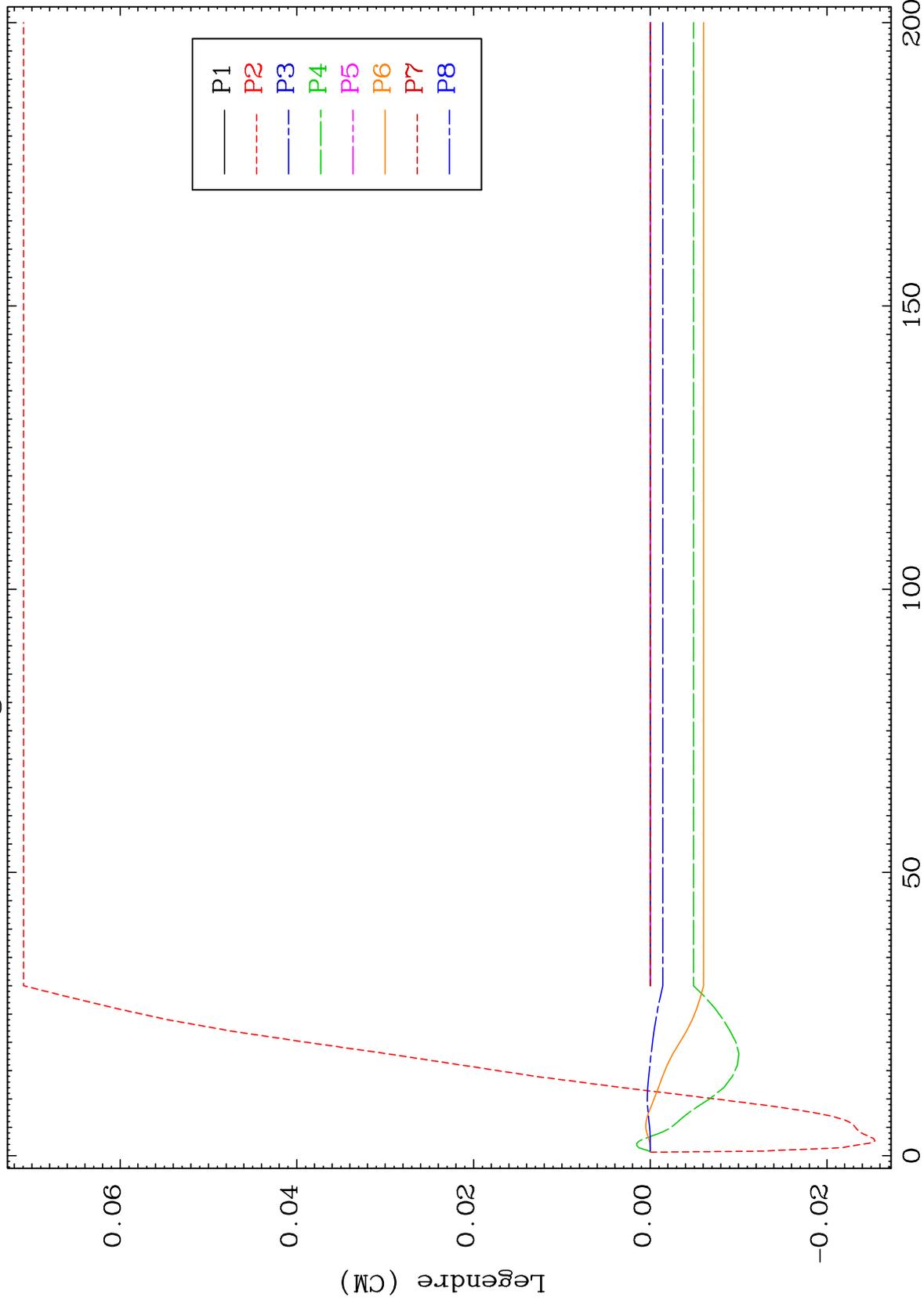
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



49-In-119

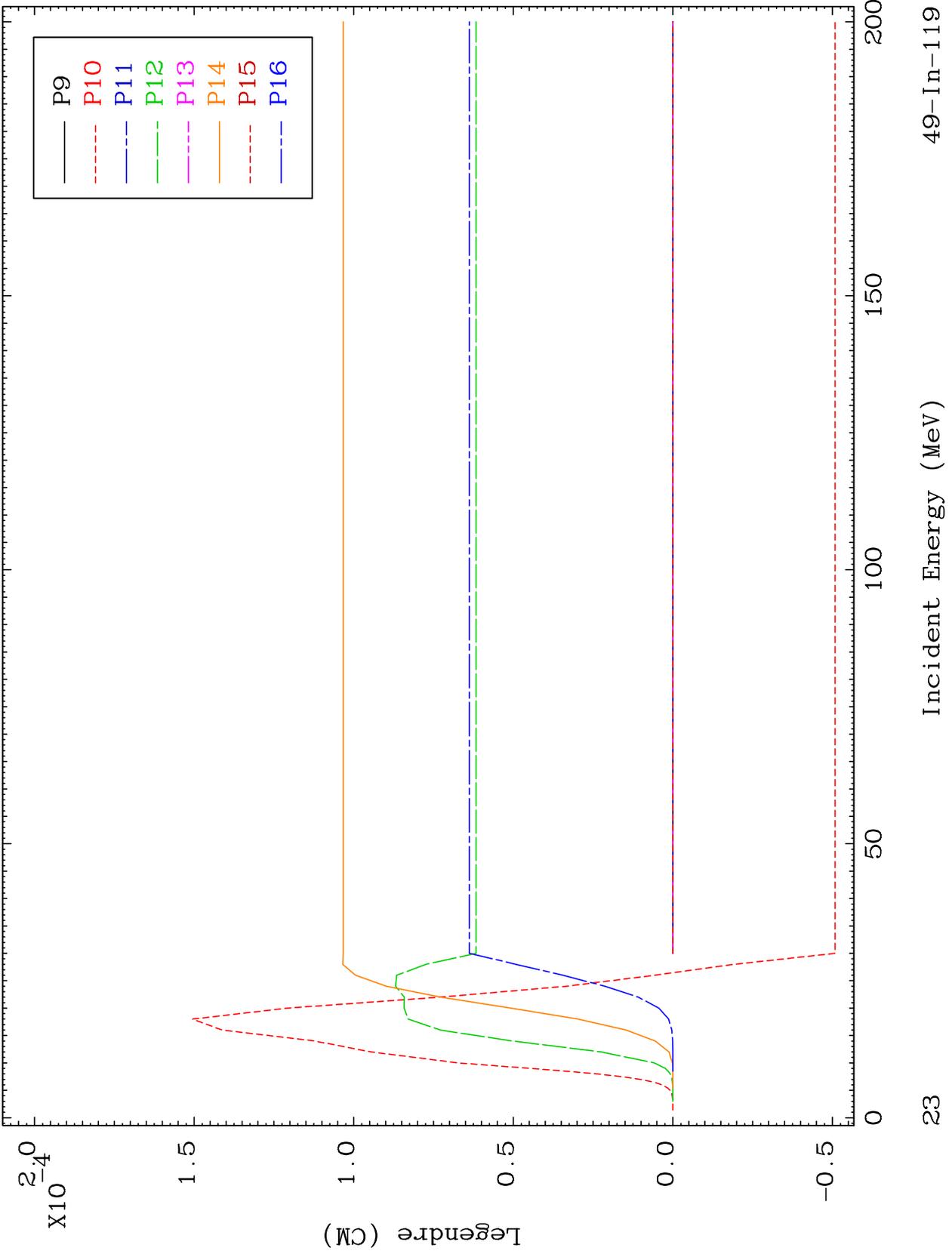
Incident Energy (MeV)

22

MAT 4943

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

49-In-119



23

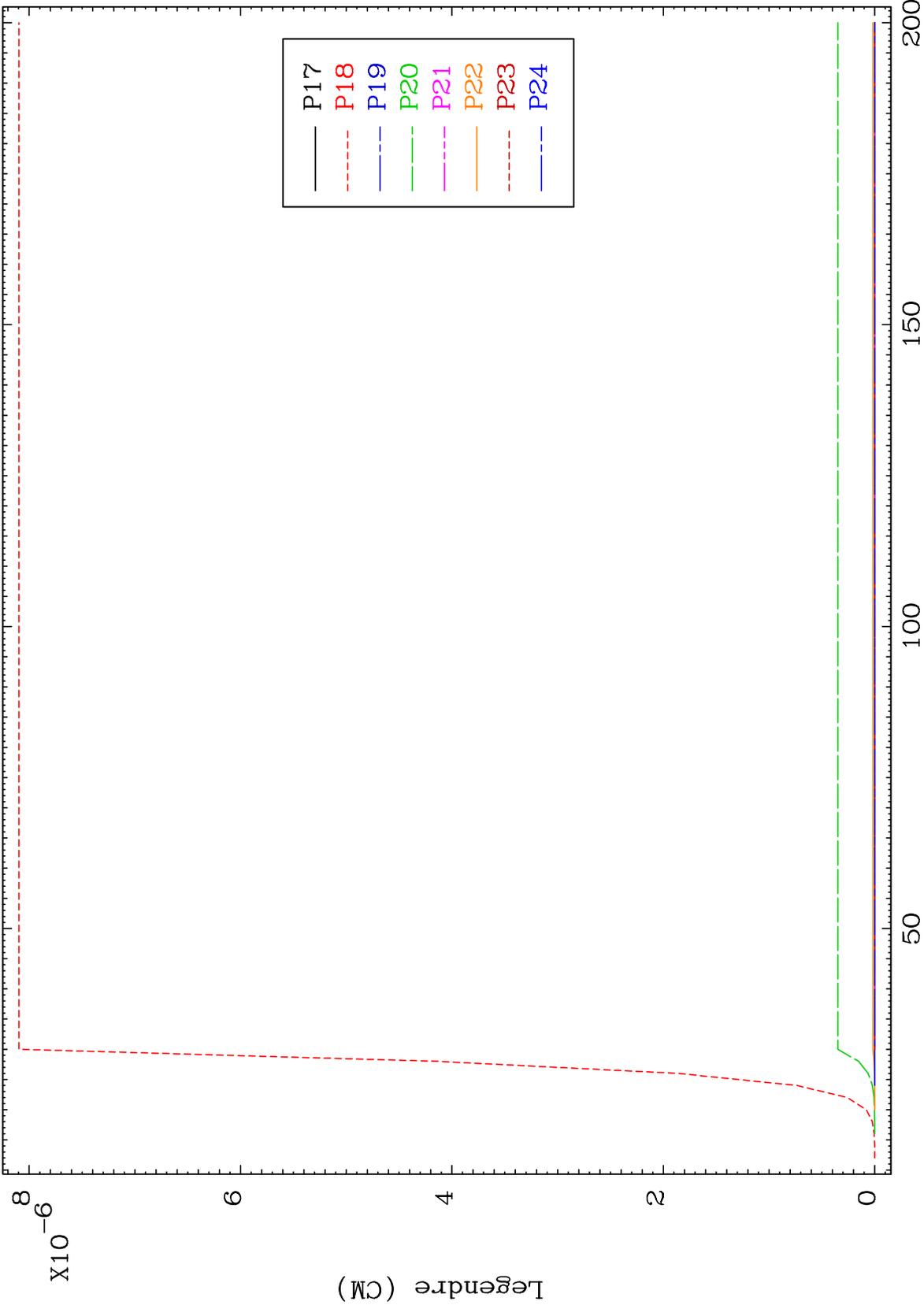
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



49-In-119

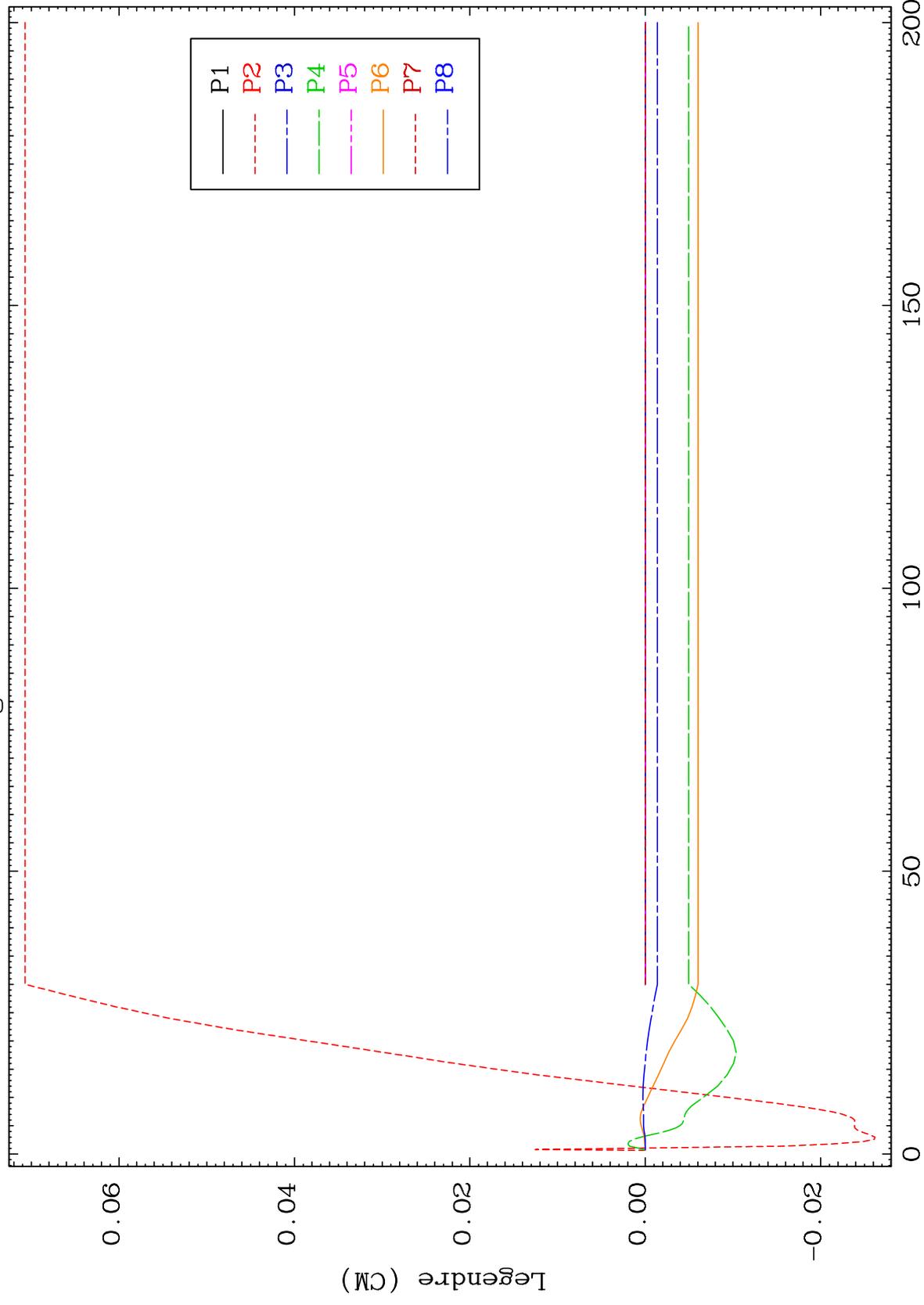
Incident Energy (MeV)

24

MAT 4943

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

49-In-119



49-In-119

Incident Energy (MeV)

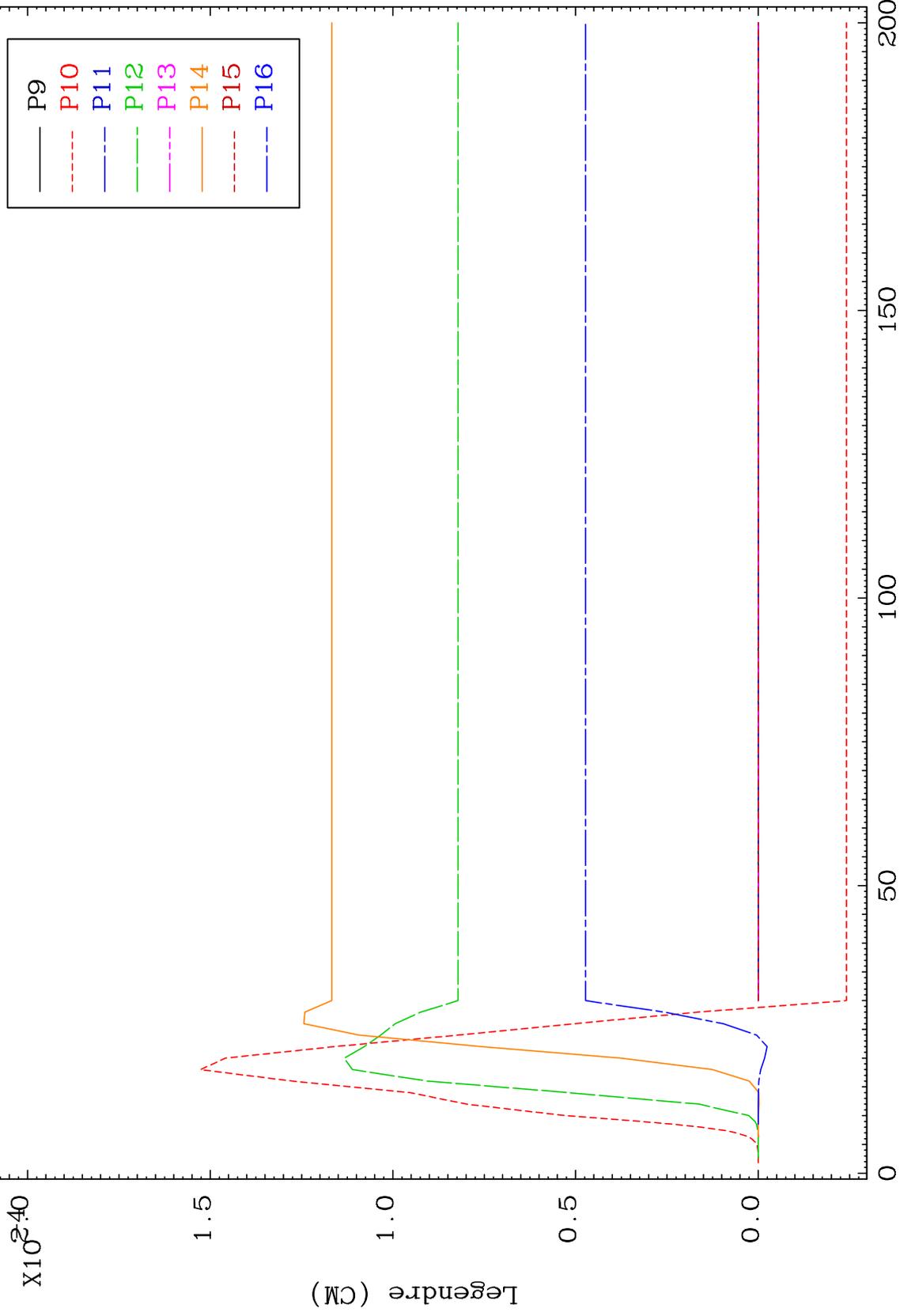
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MAT 4943

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

49-In-119

$\times 10^{-40}$



26

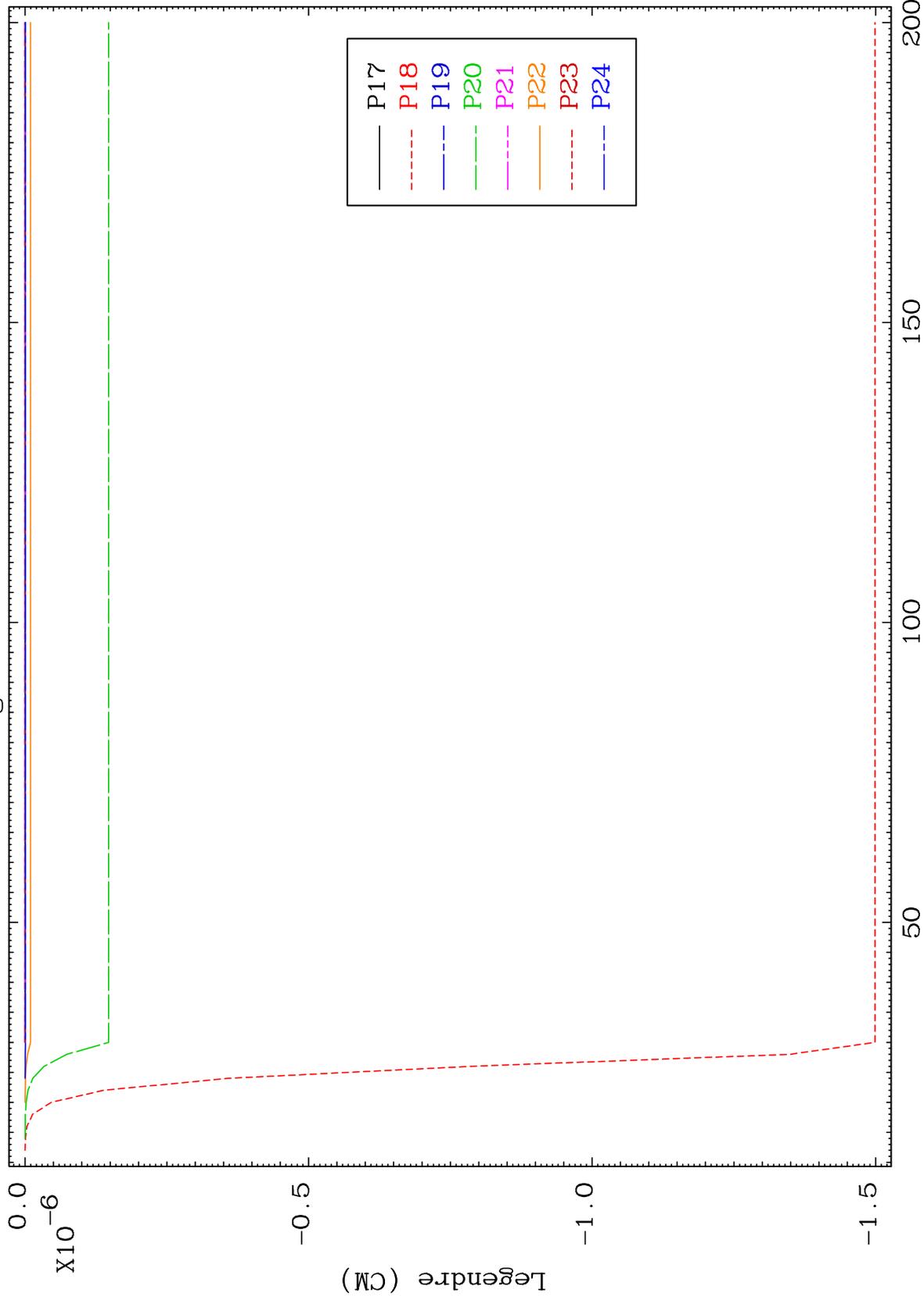
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119

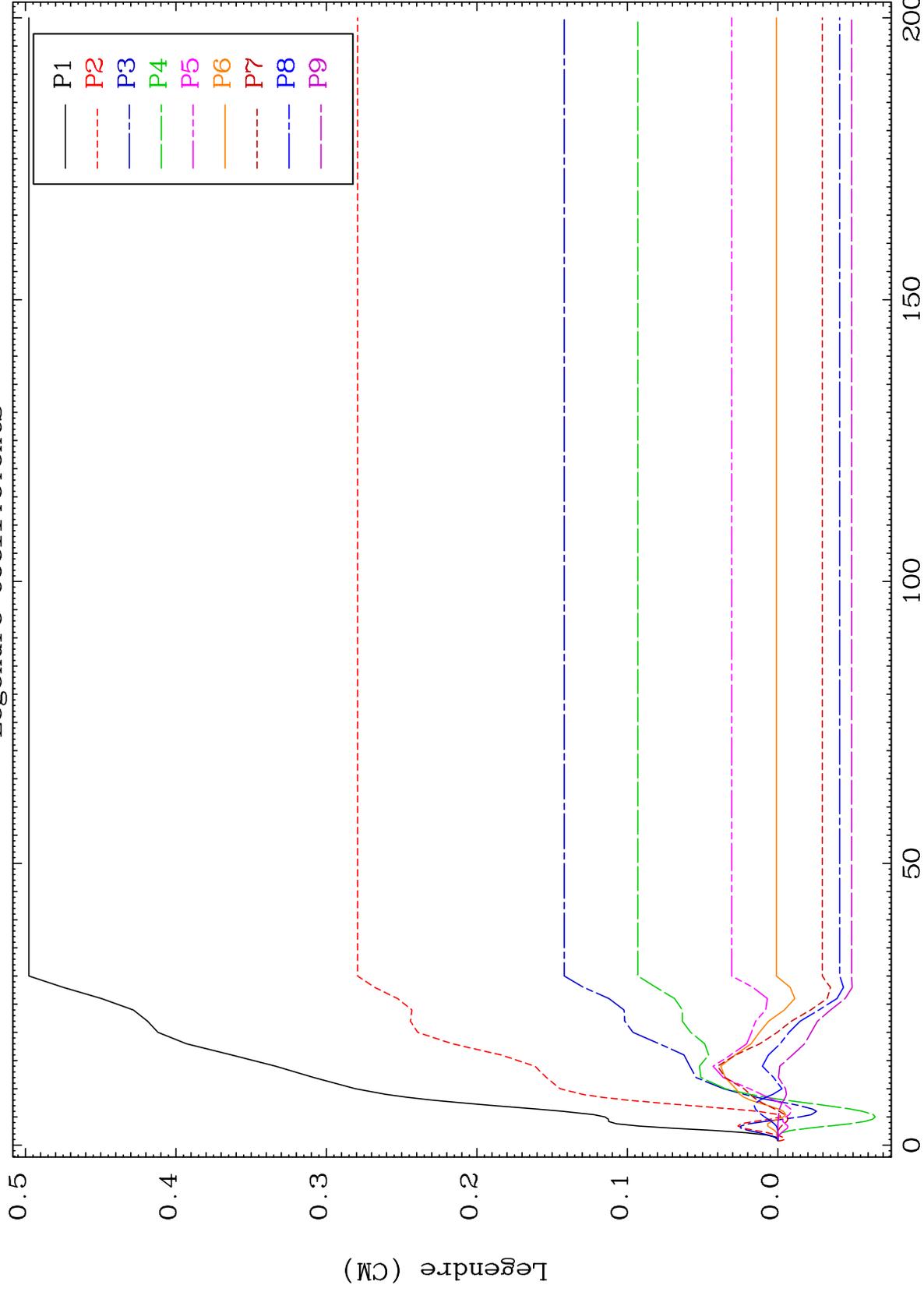


MAT 4943

MT= 54 (n,n') Level

49-In-119

Legendre Coefficients



28

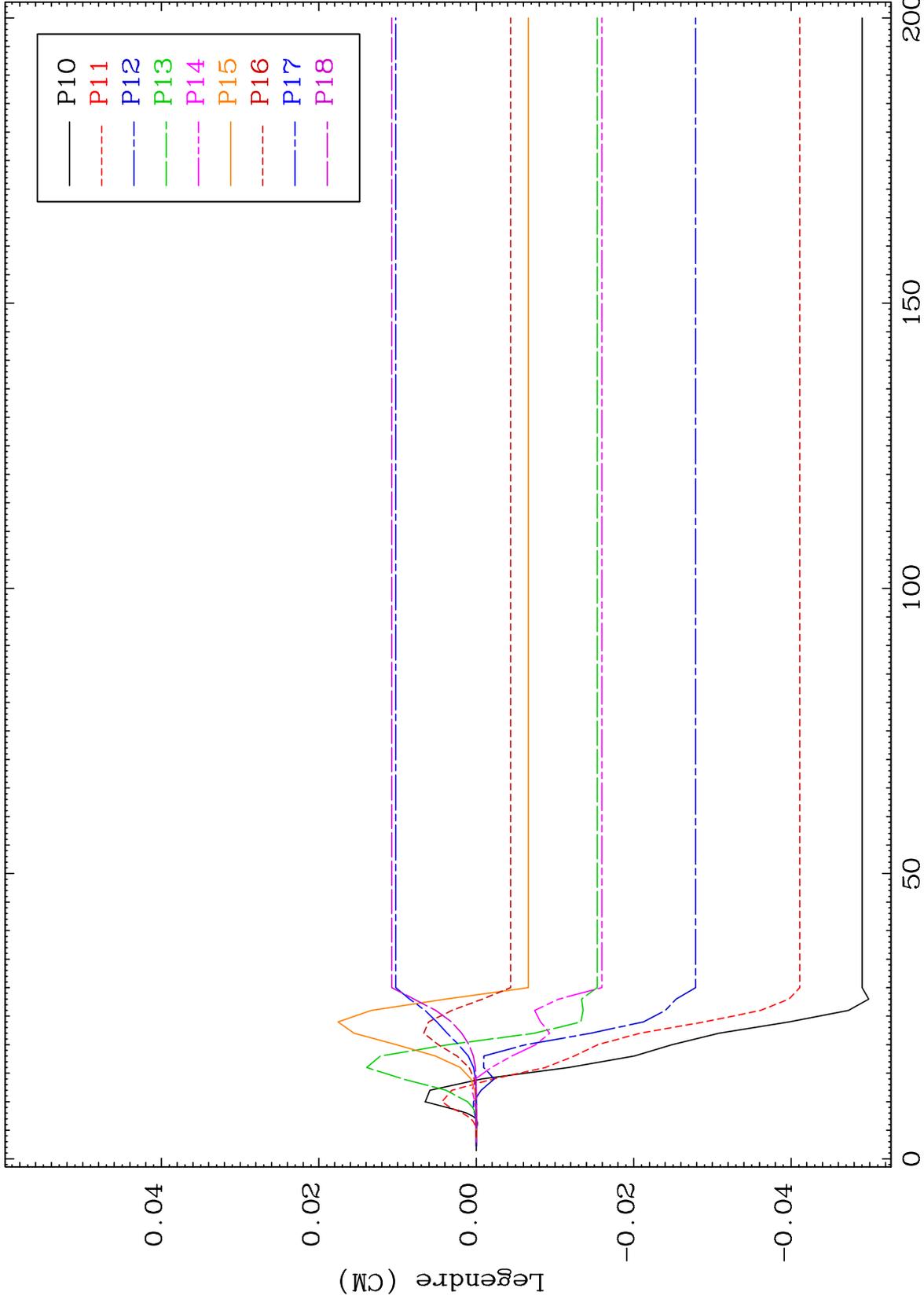
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



29

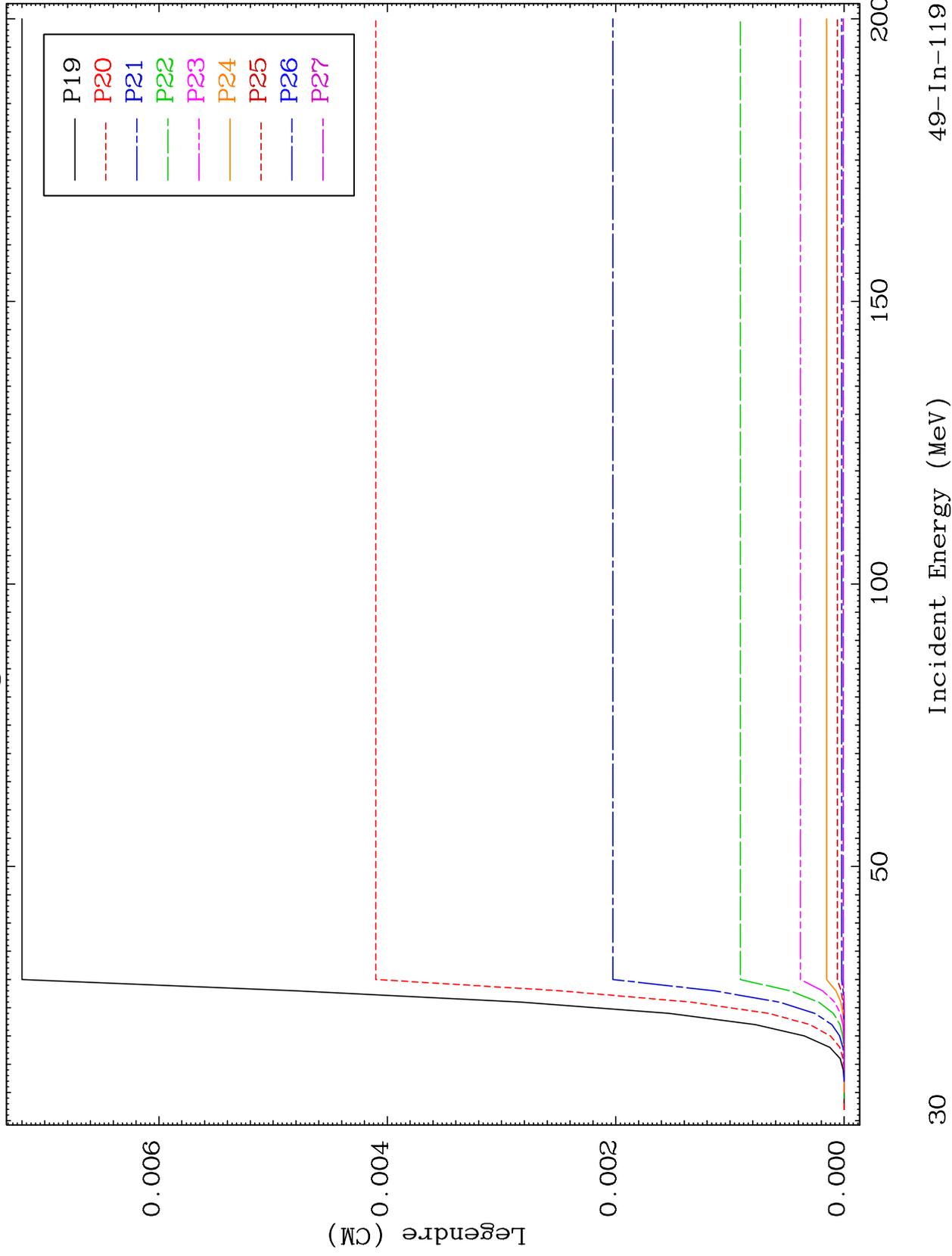
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



49-In-119

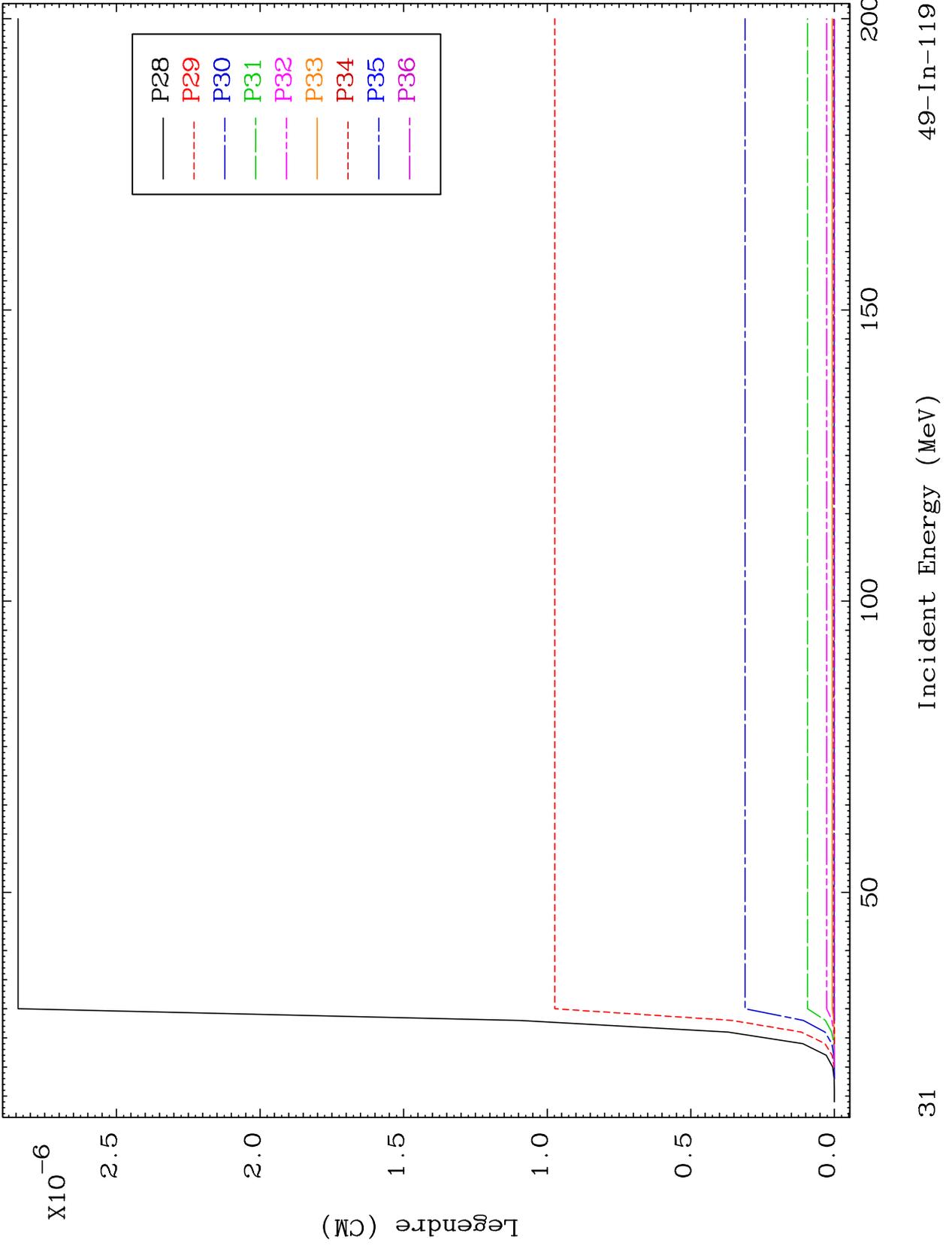
Incident Energy (MeV)

30

MAT 4943

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

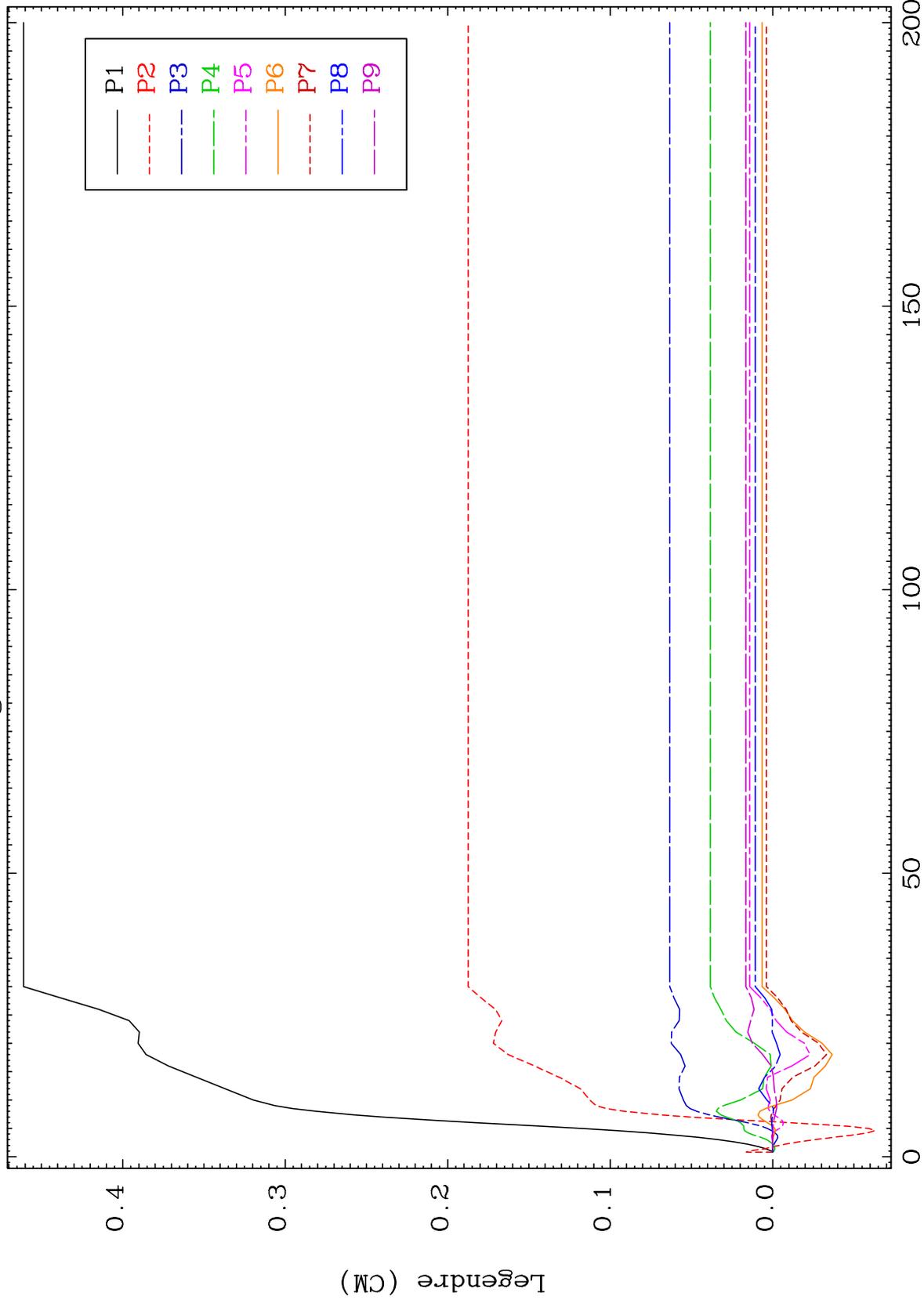
49-In-119



MAT 4943

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

49-In-119



32

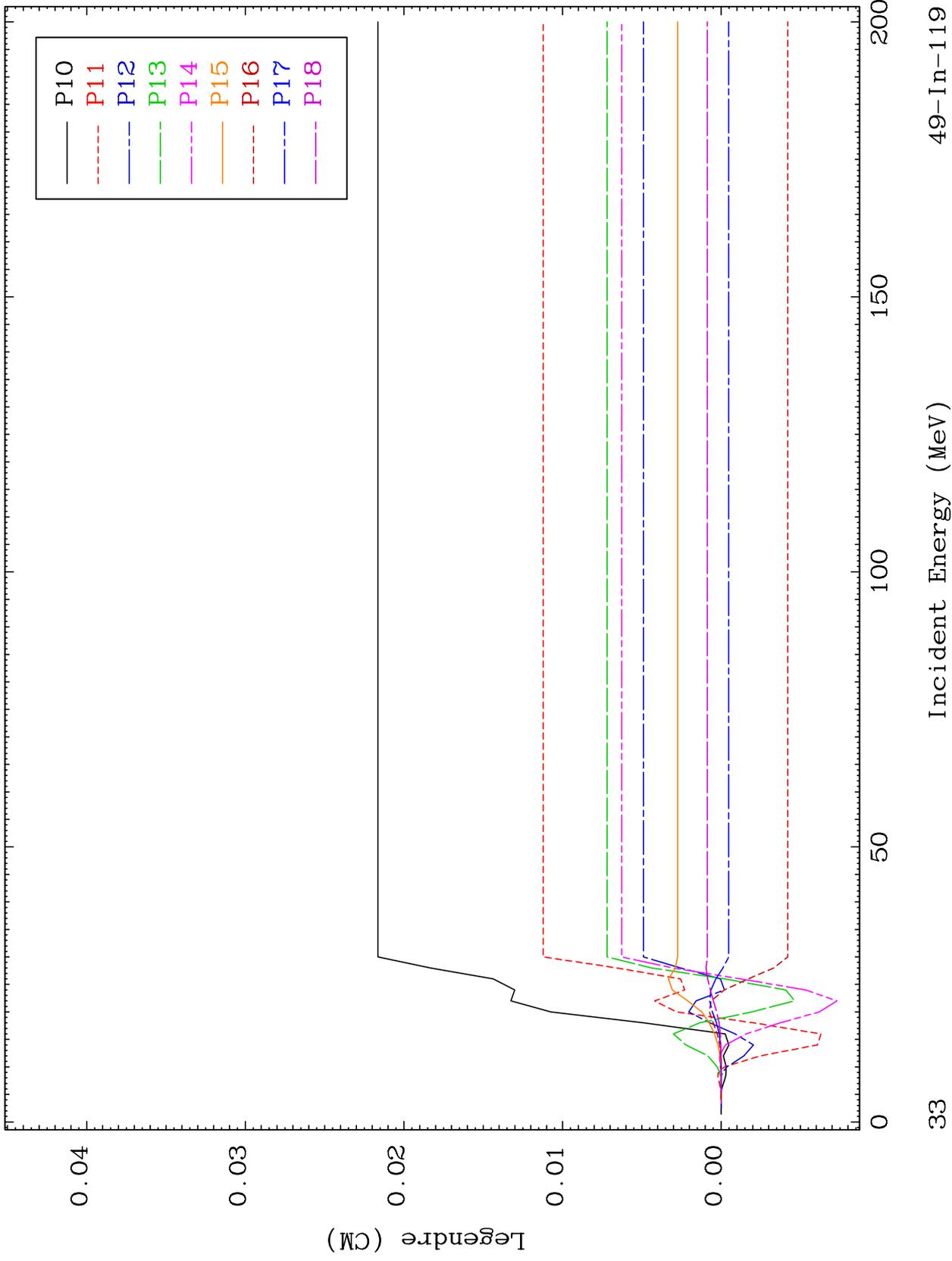
Incident Energy (MeV)

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MAT 4943

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

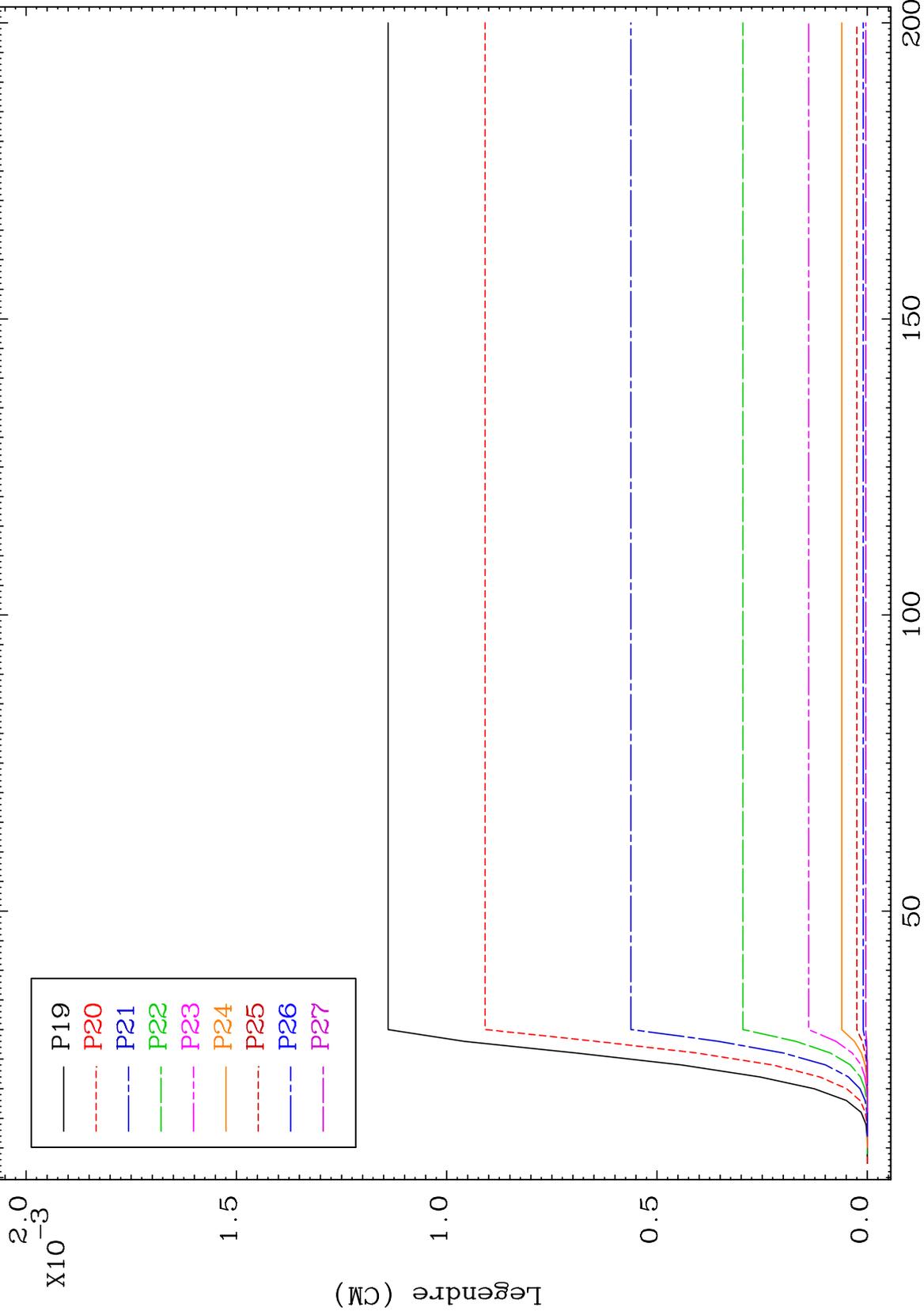
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MAT 4943

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

49-In-119



34

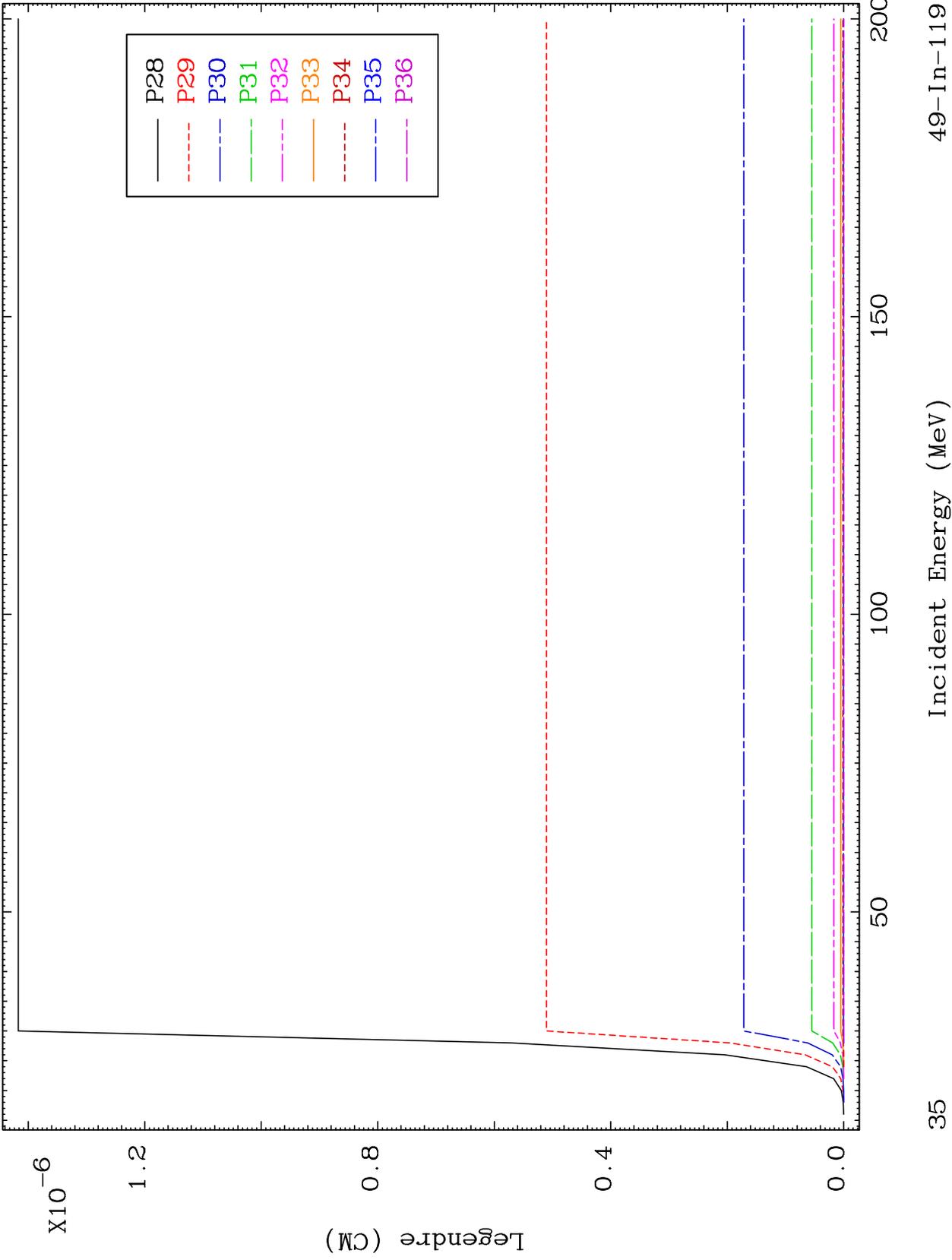
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



35

Incident Energy (MeV)

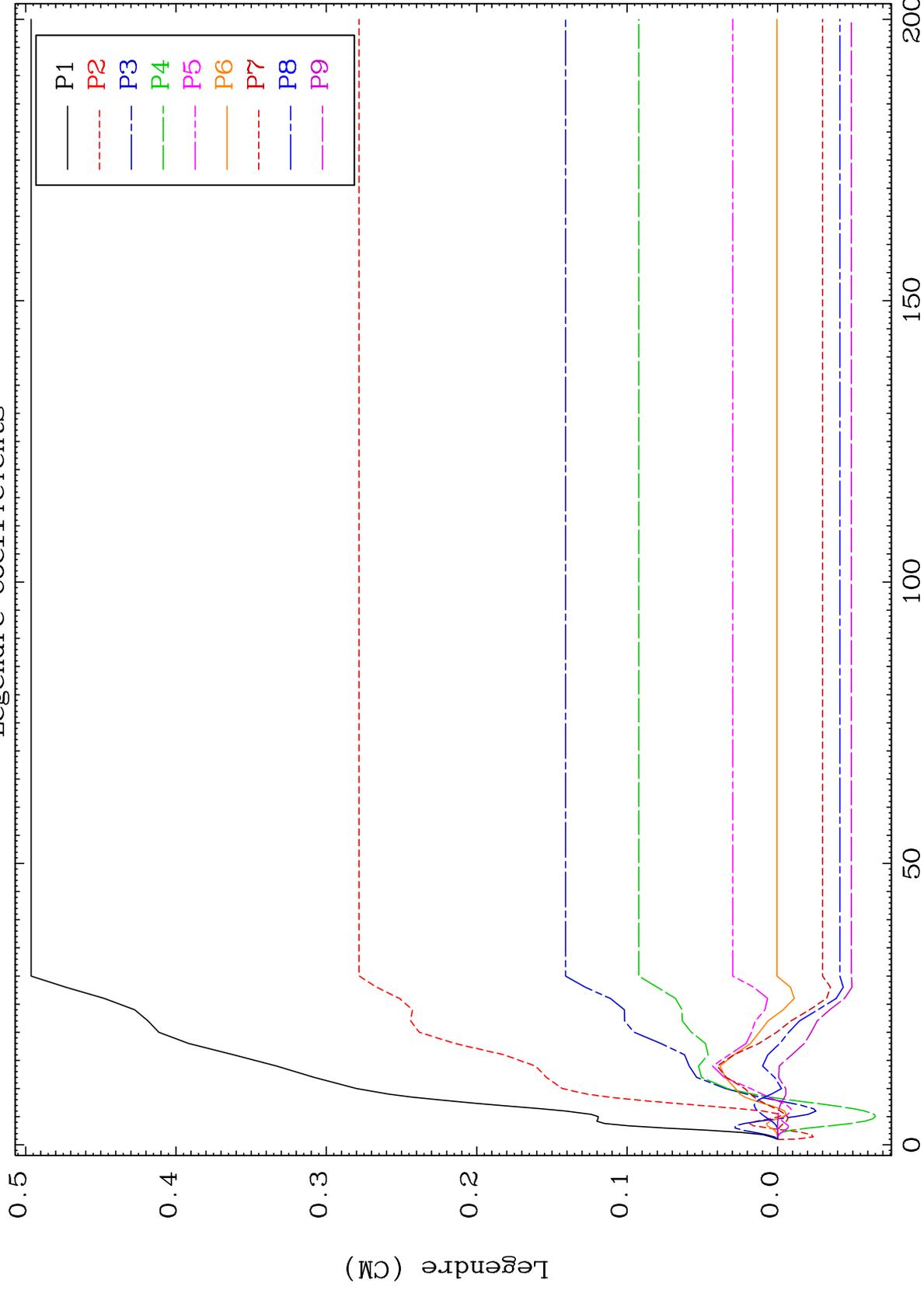
49-In-119

MAT 4943

MT= 56 (n,n') Level

49-In-119

Legendre Coefficients



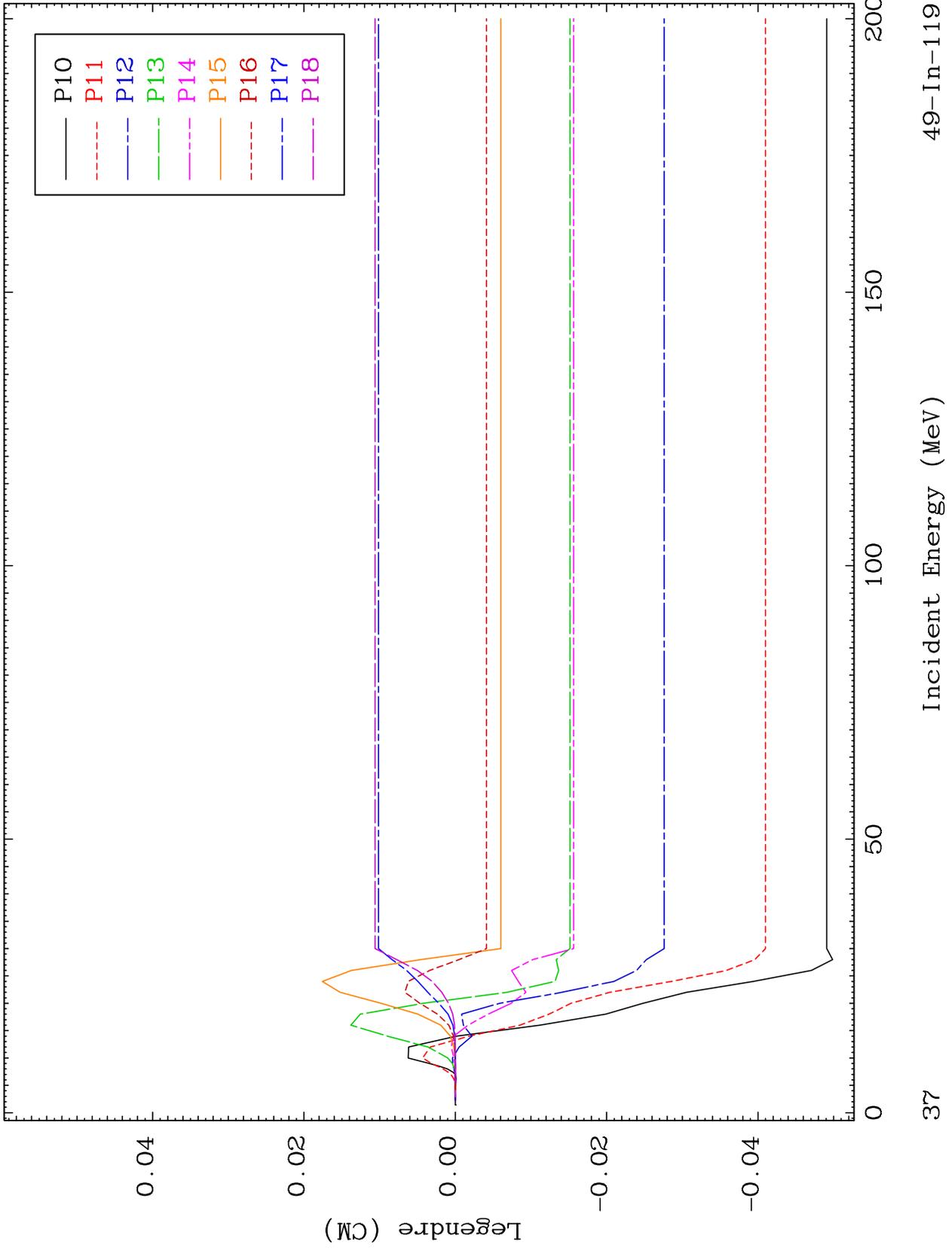
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49-In-119

MAT 4943

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

49-In-119



37

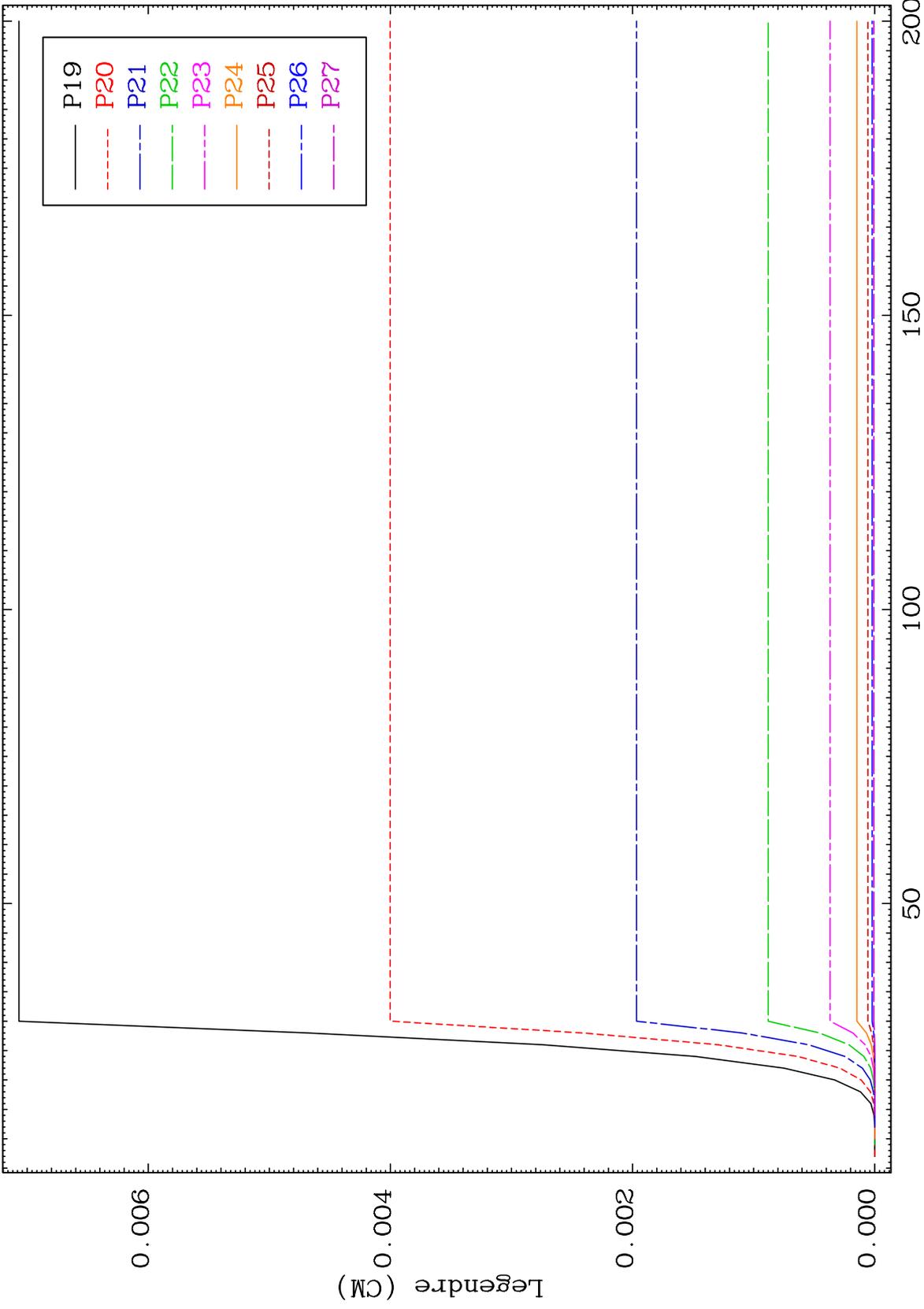
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



38

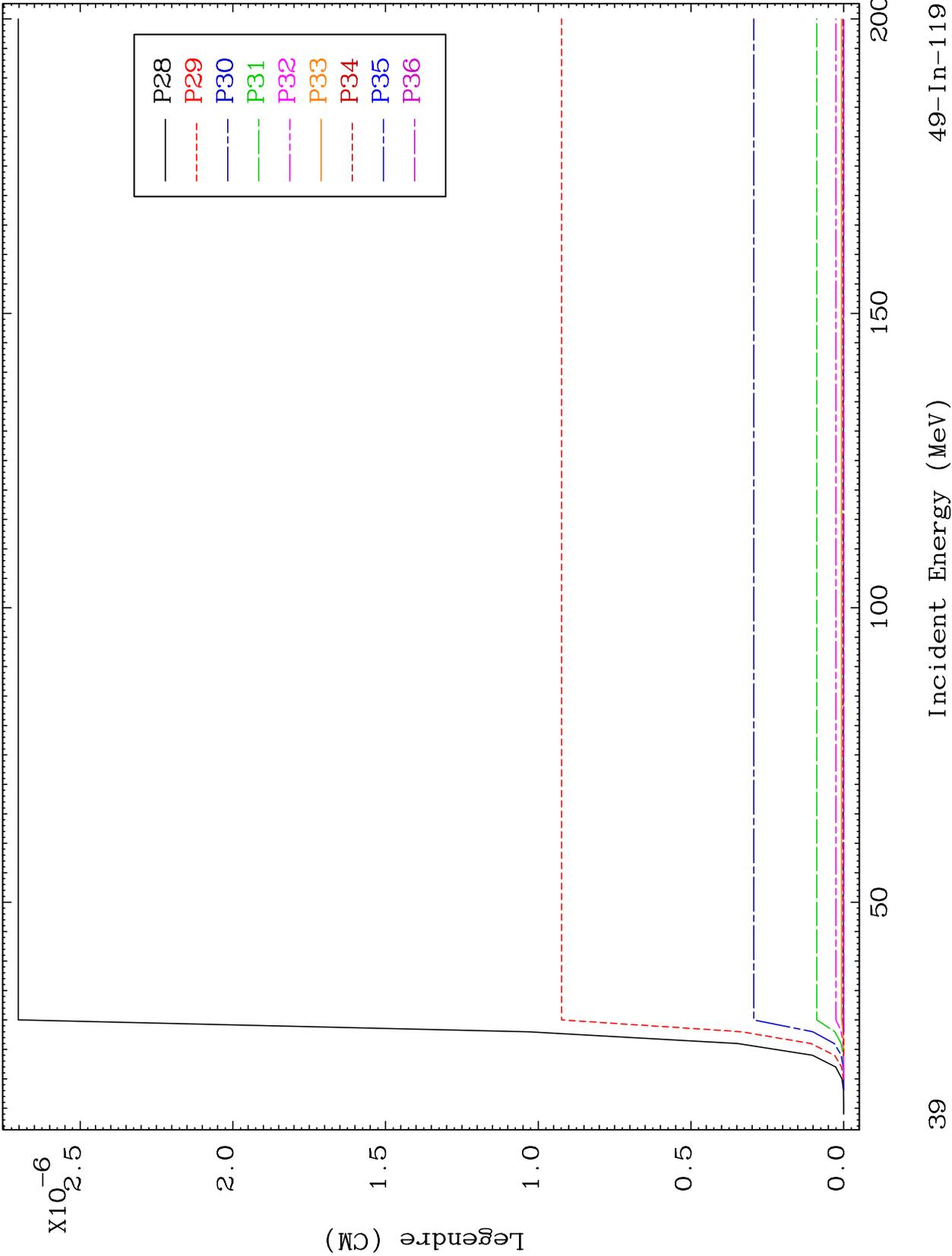
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



39

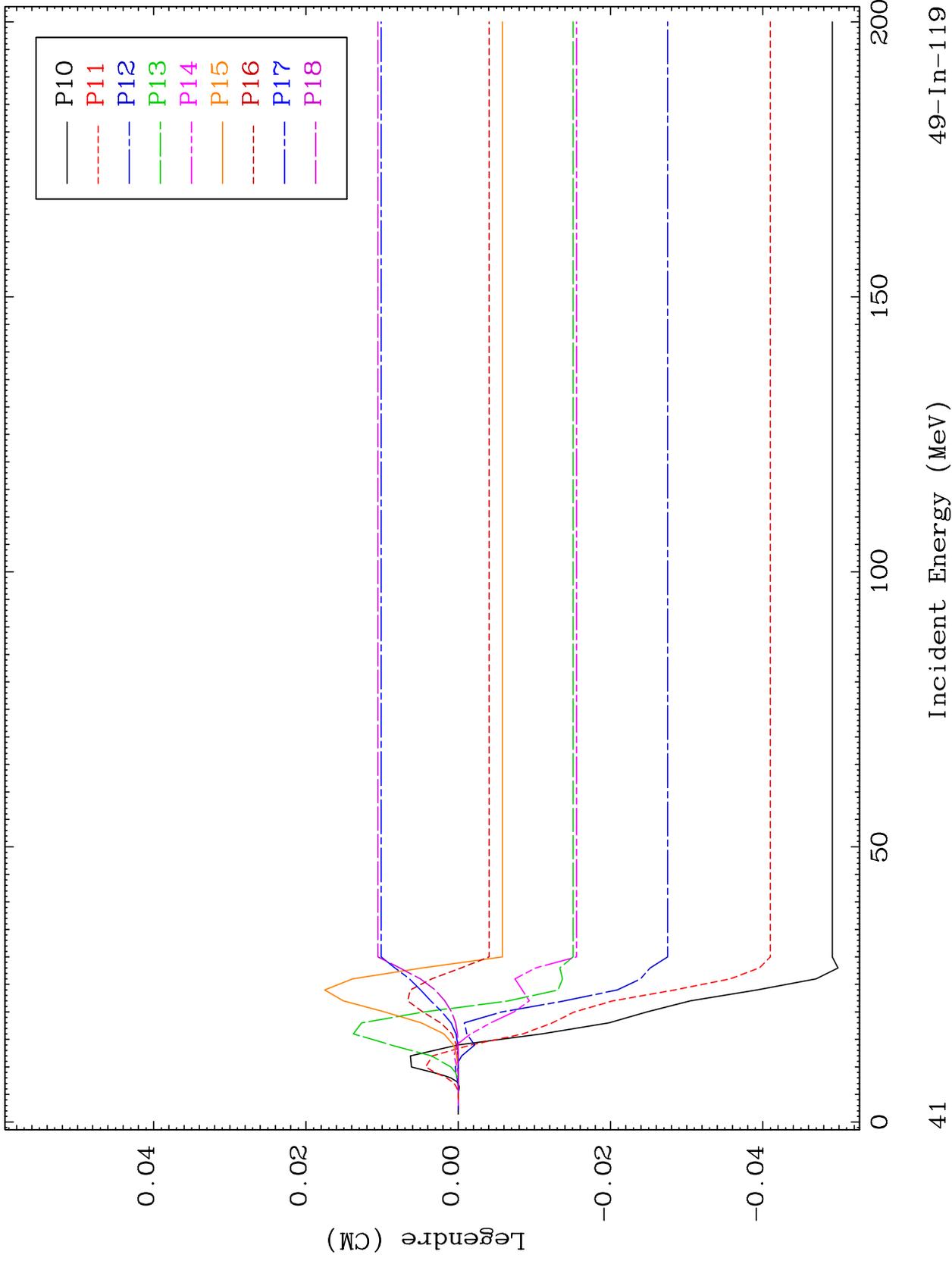
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



41

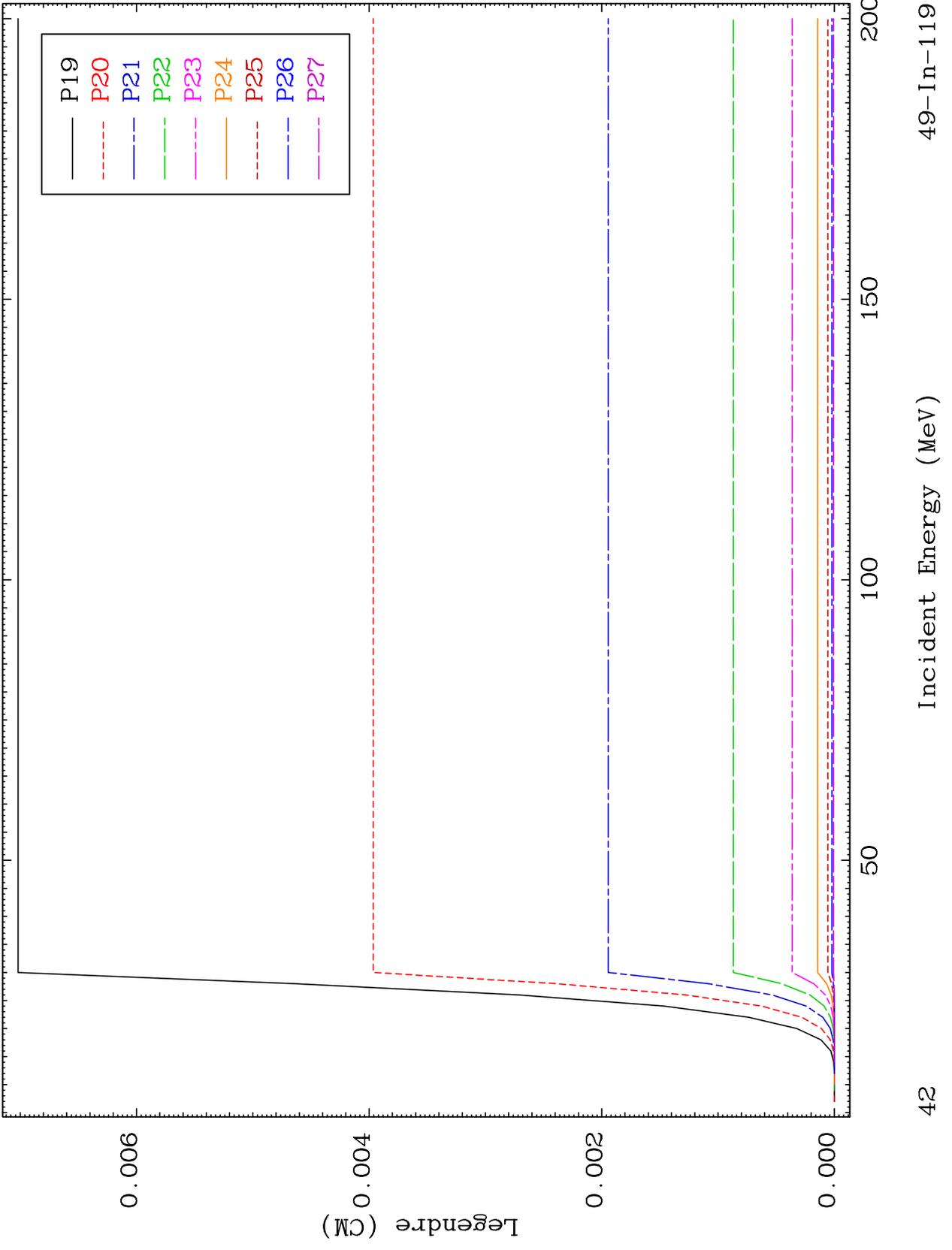
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MAT 4943

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

49-In-119



42

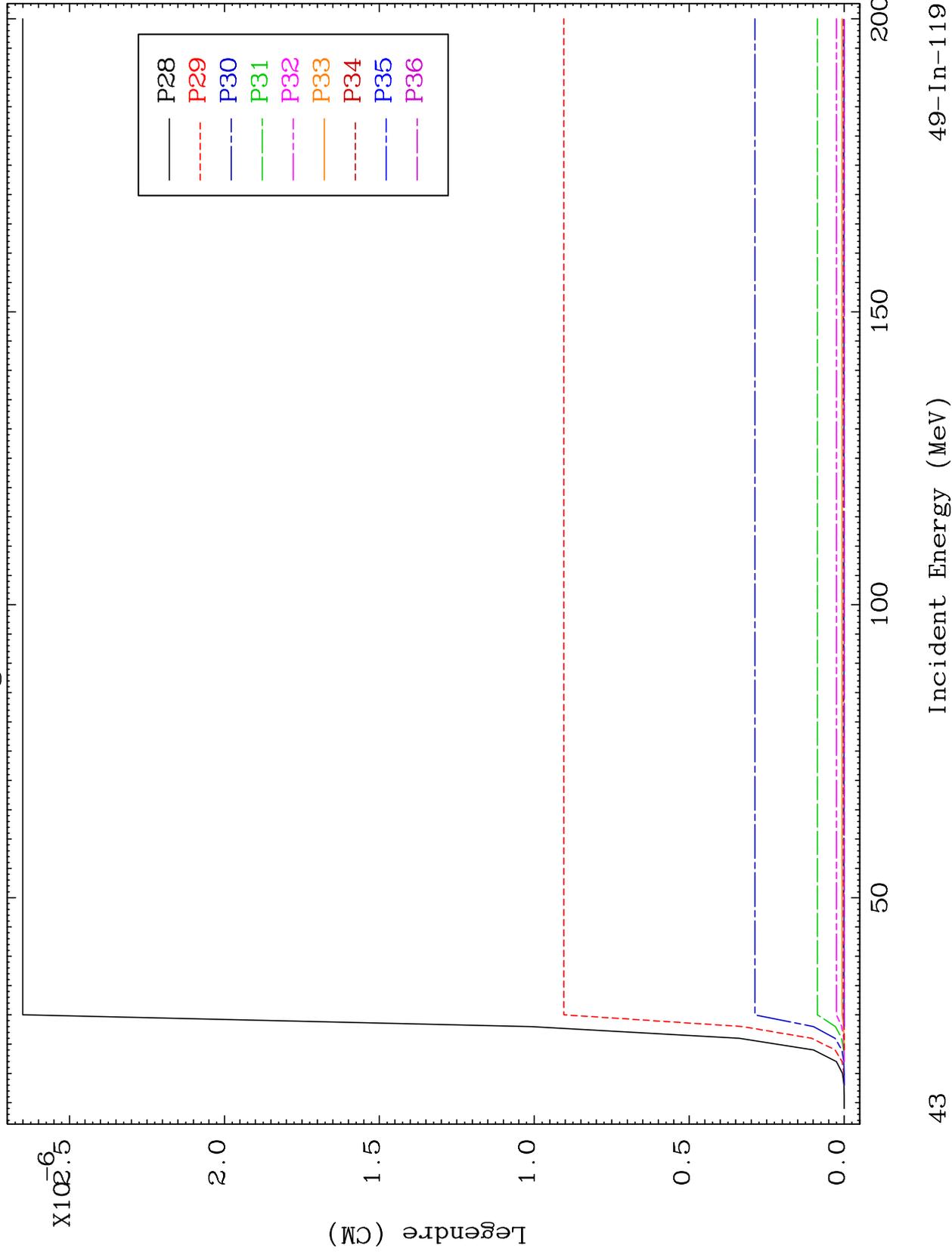
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



43

Incident Energy (MeV)

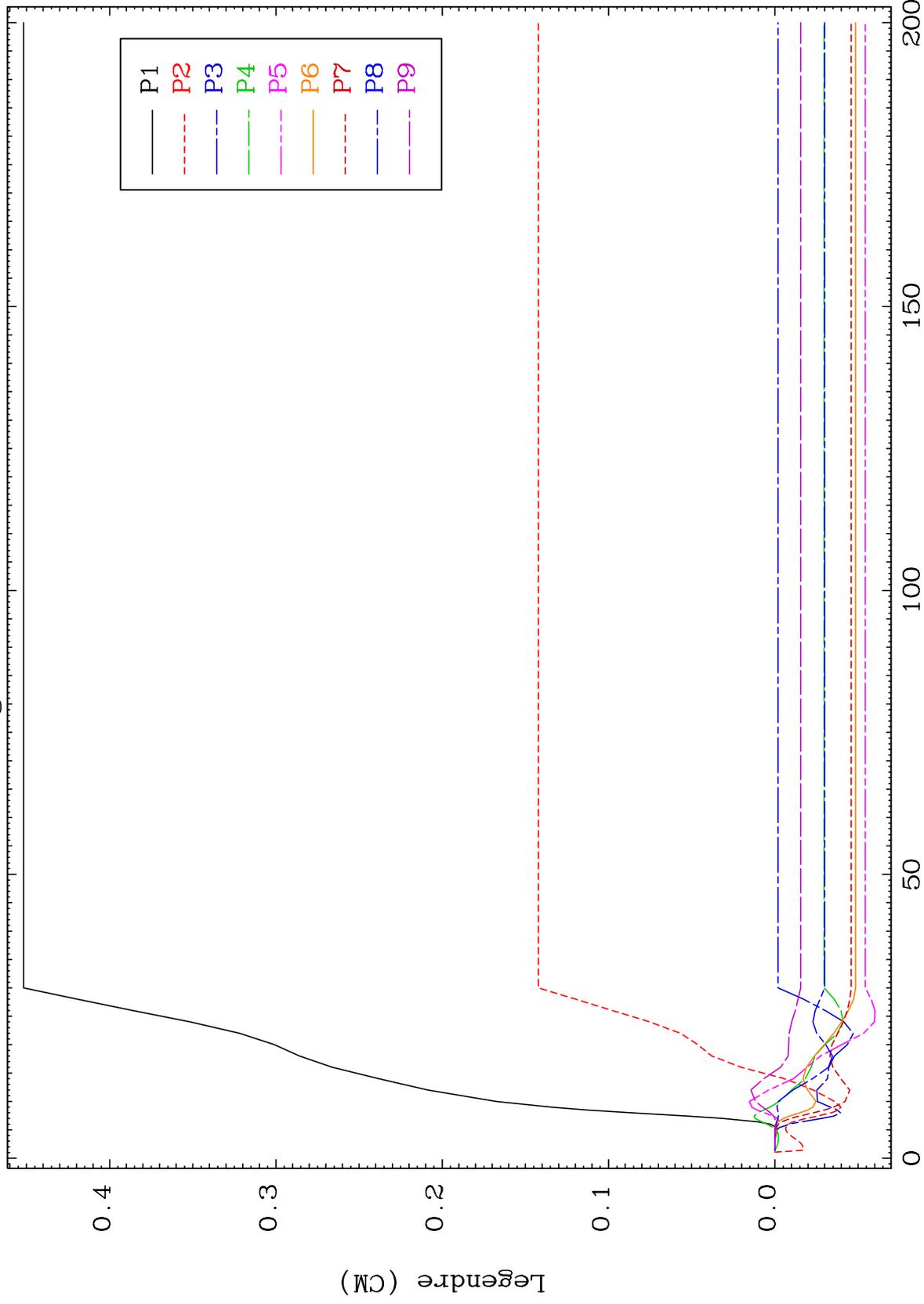
49-In-119

MAT 4943

MT= 58 (n,n') Level

49-In-119

Legendre Coefficients



44

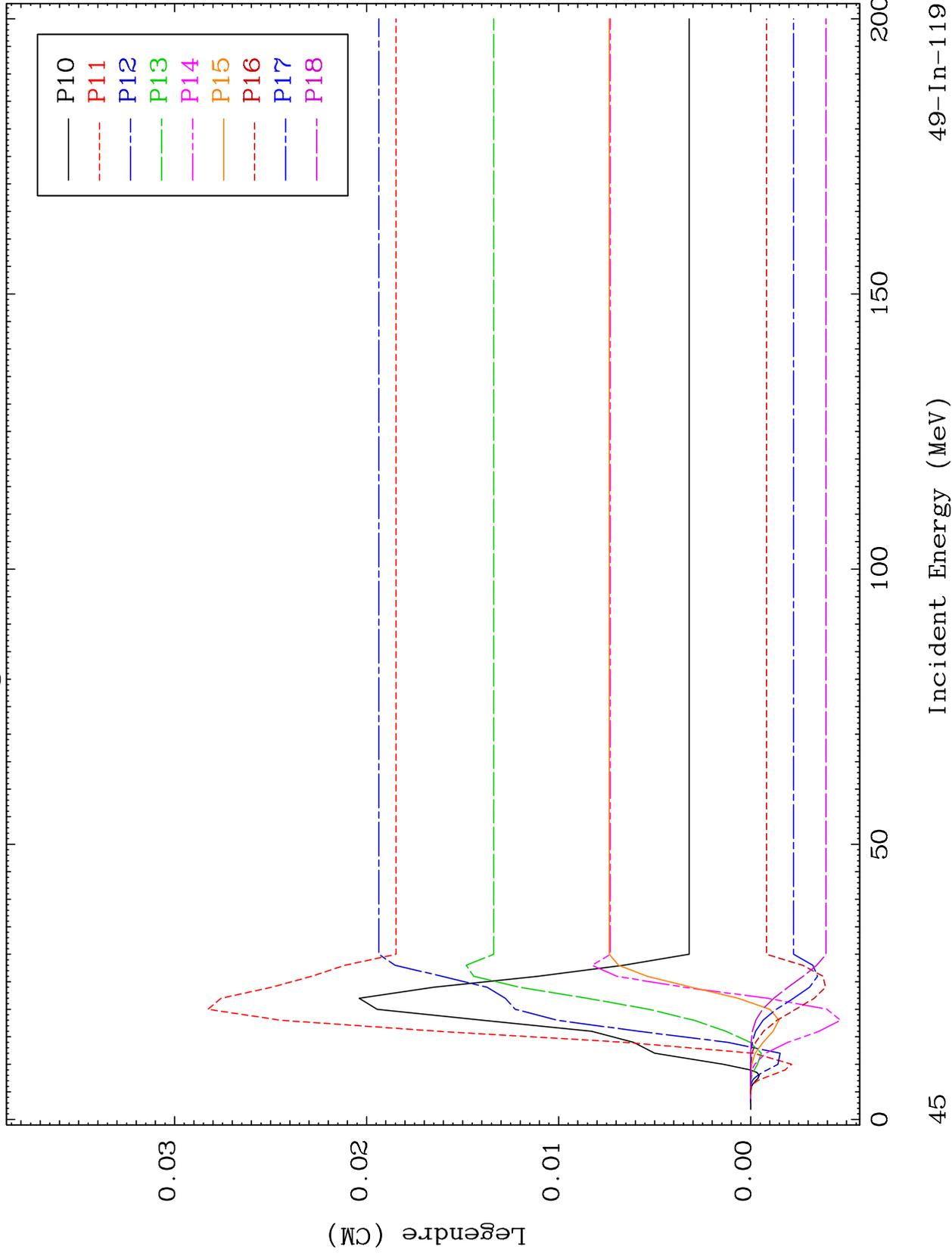
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49-In-119

MAT 4943

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

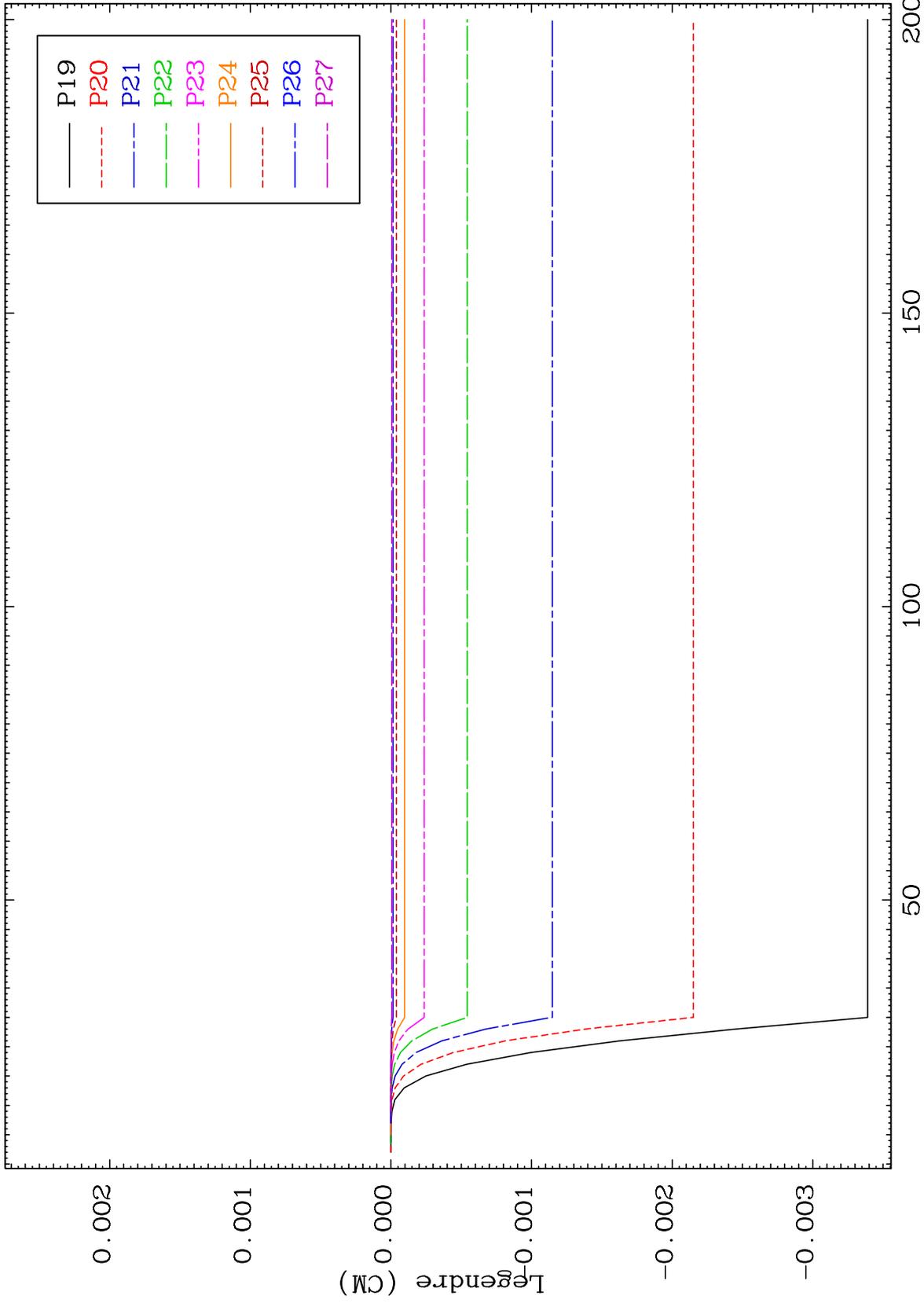
49-In-119



MAT 4943

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

49-In-119



46

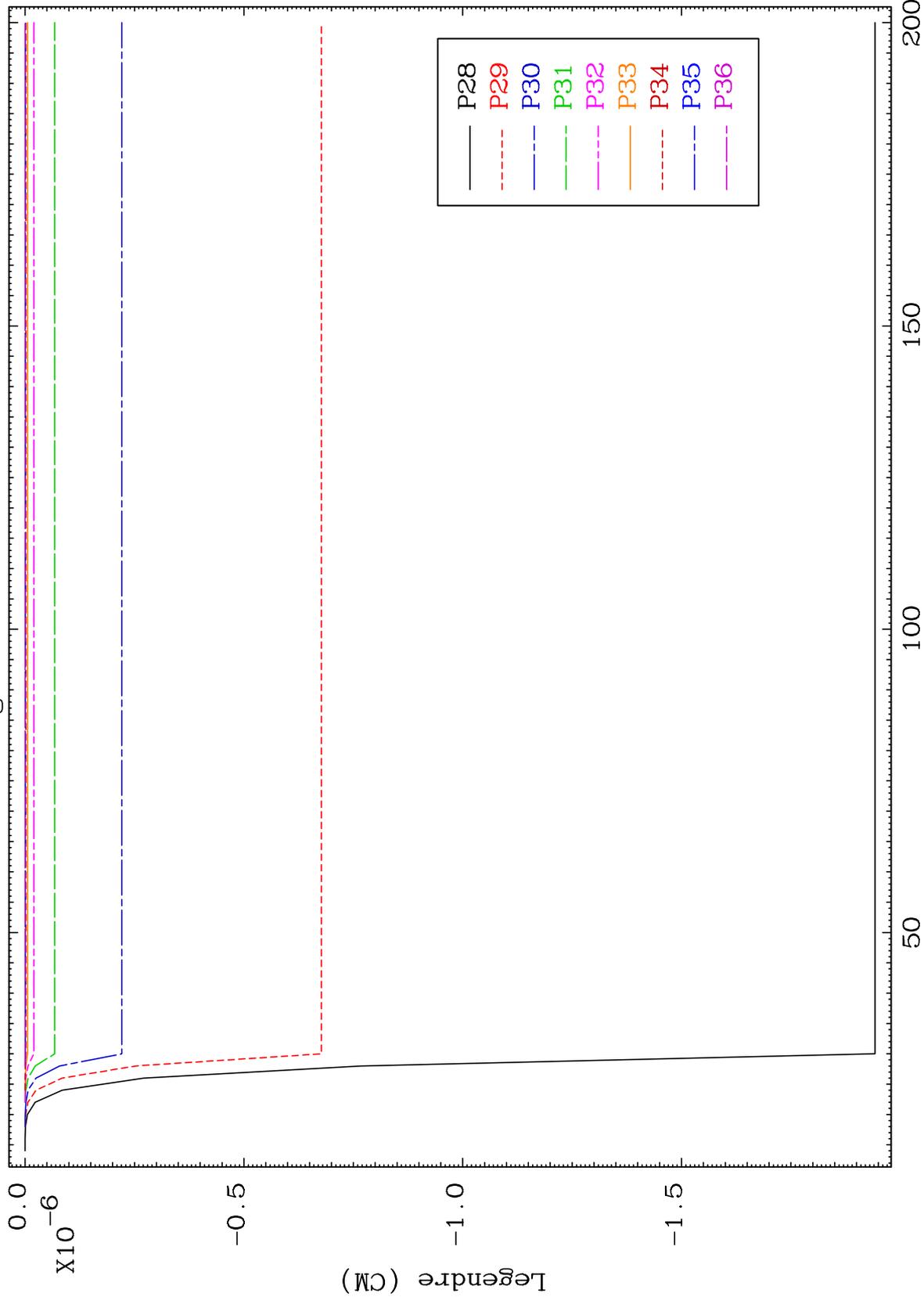
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



47

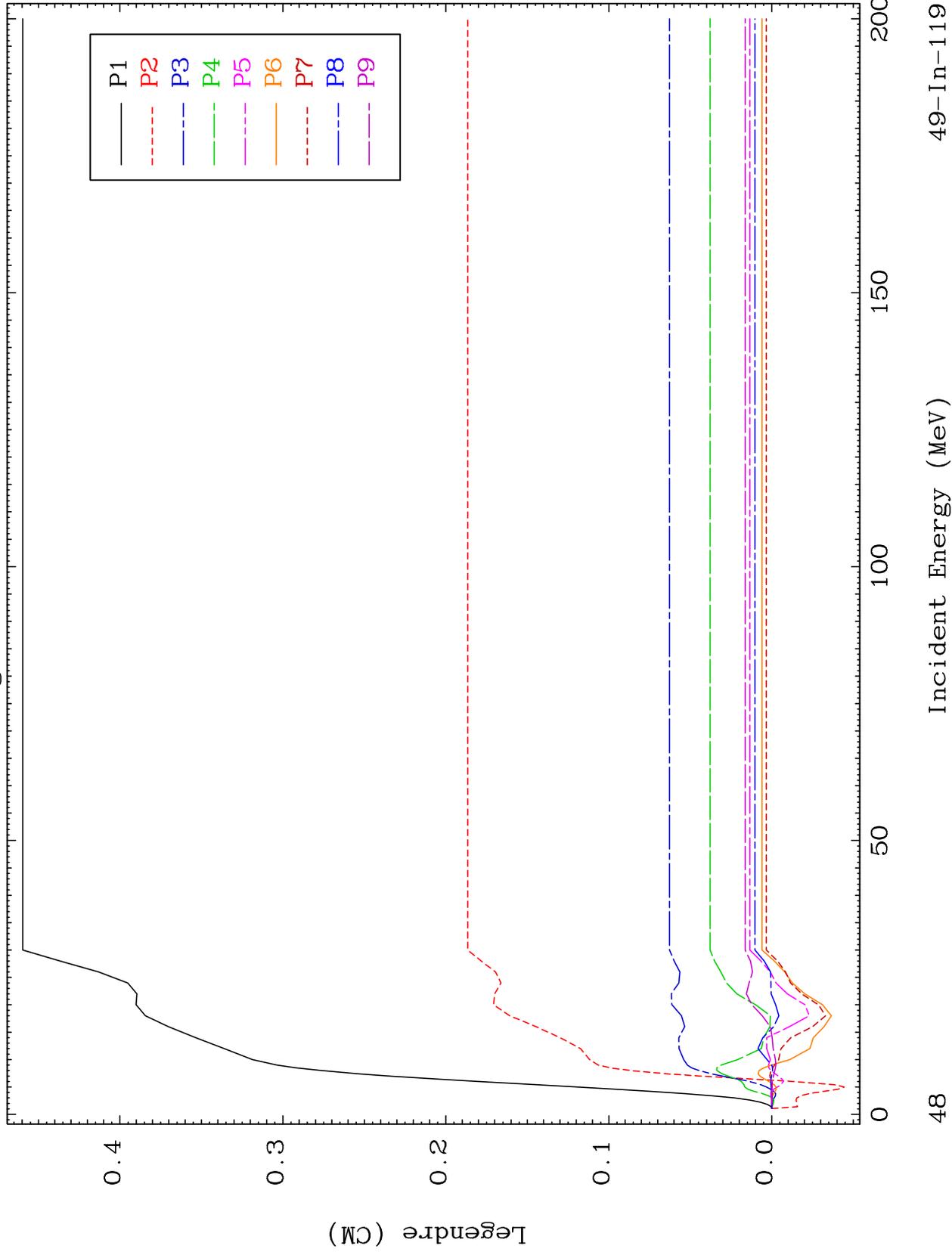
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49-In-119

MAT 4943

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

49-In-119



49-In-119

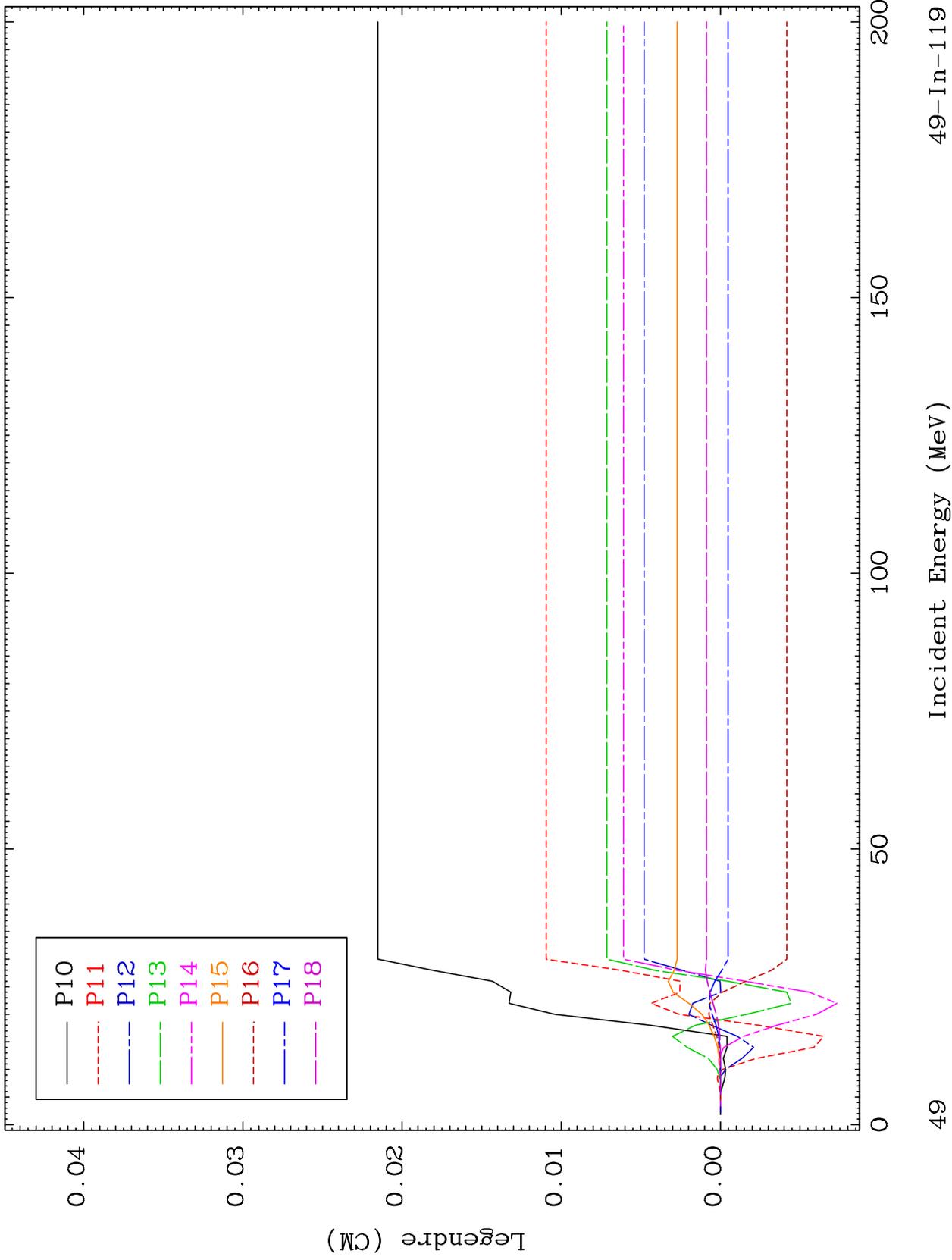
Incident Energy (MeV)

48

MAT 4943

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

49-In-119



49

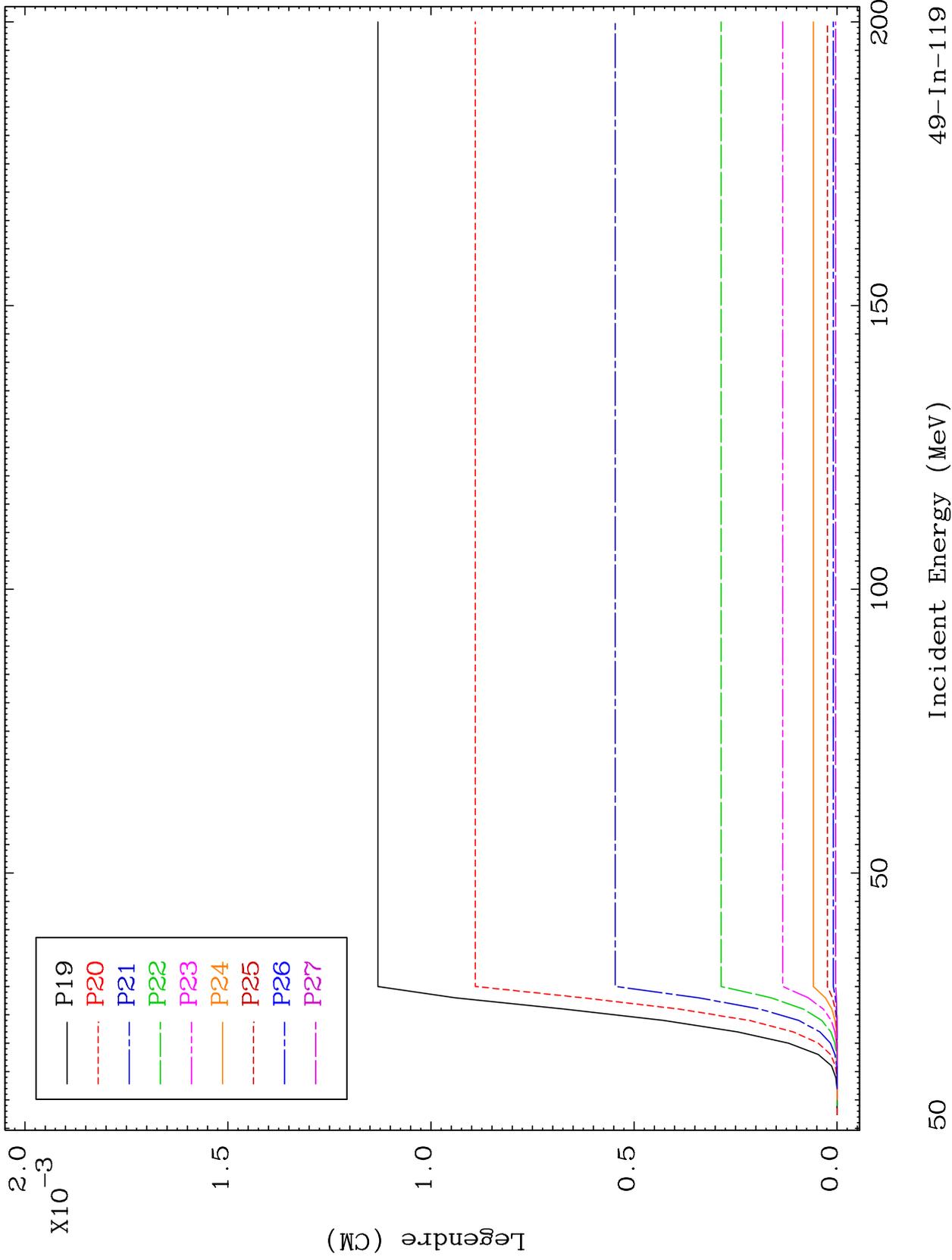
Incident Energy (MeV)

49-In-119

MAT 4943

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

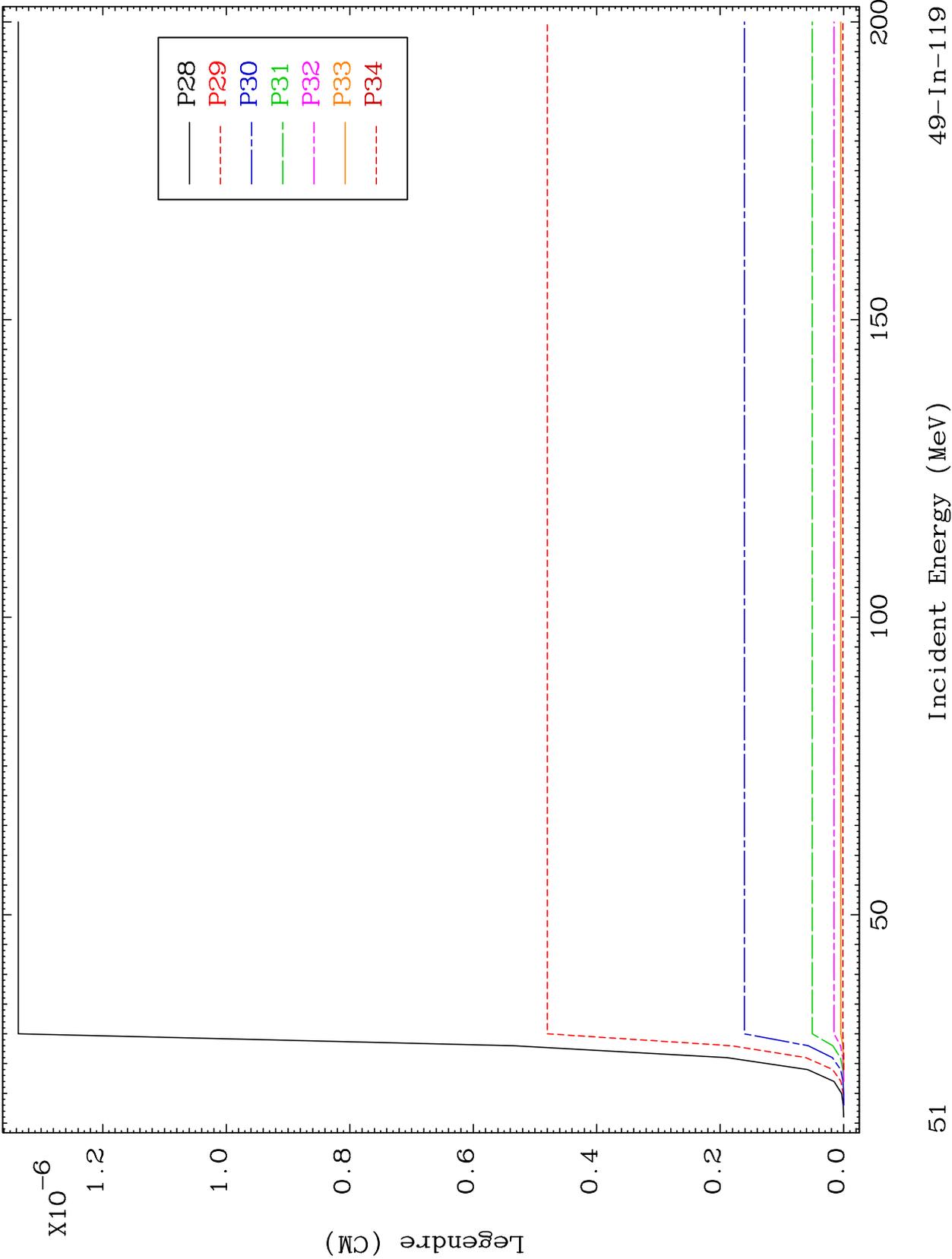
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MAT 4943

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

49-In-119



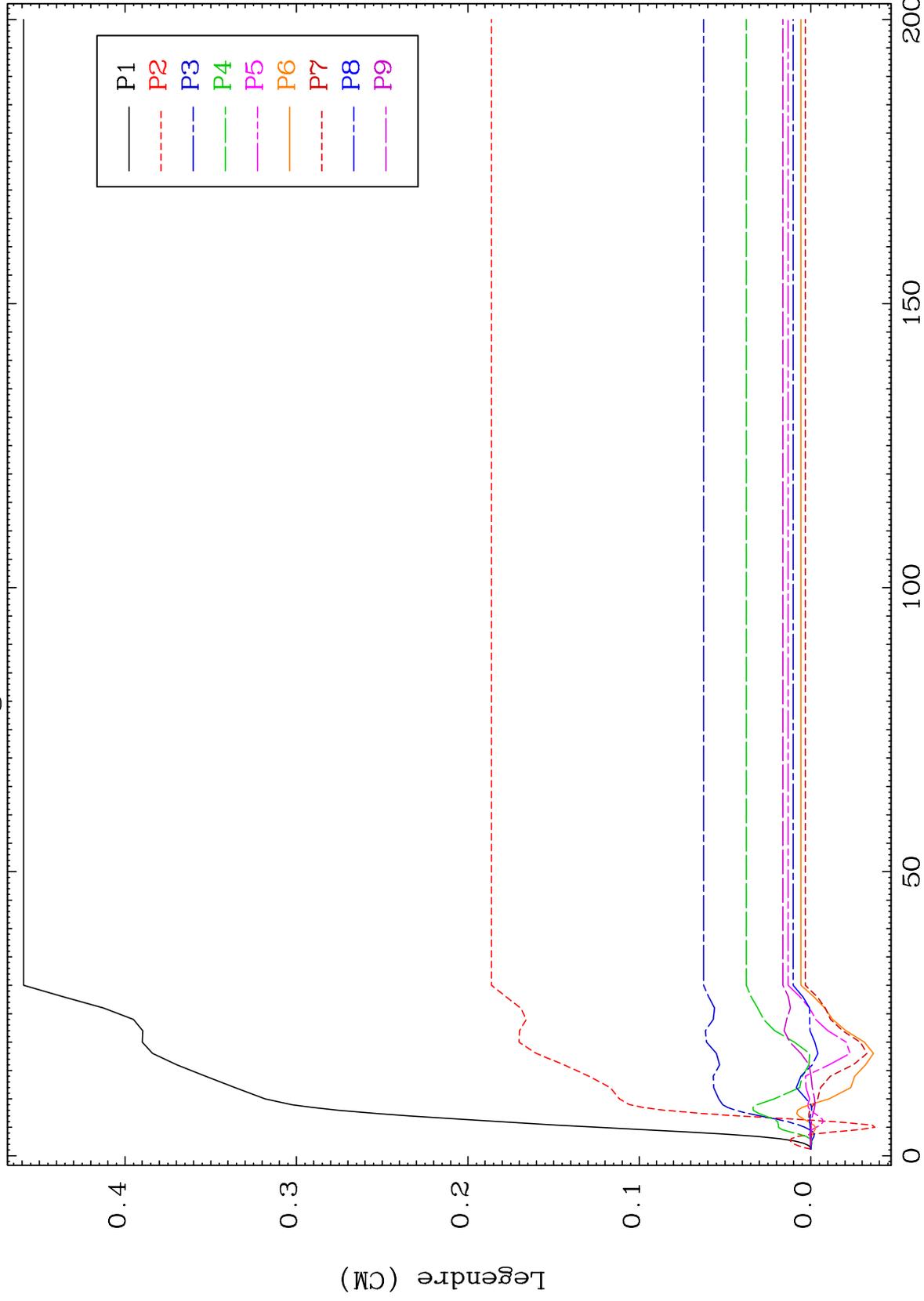
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49-In-119

MAT 4943

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

49-In-119



49-In-119

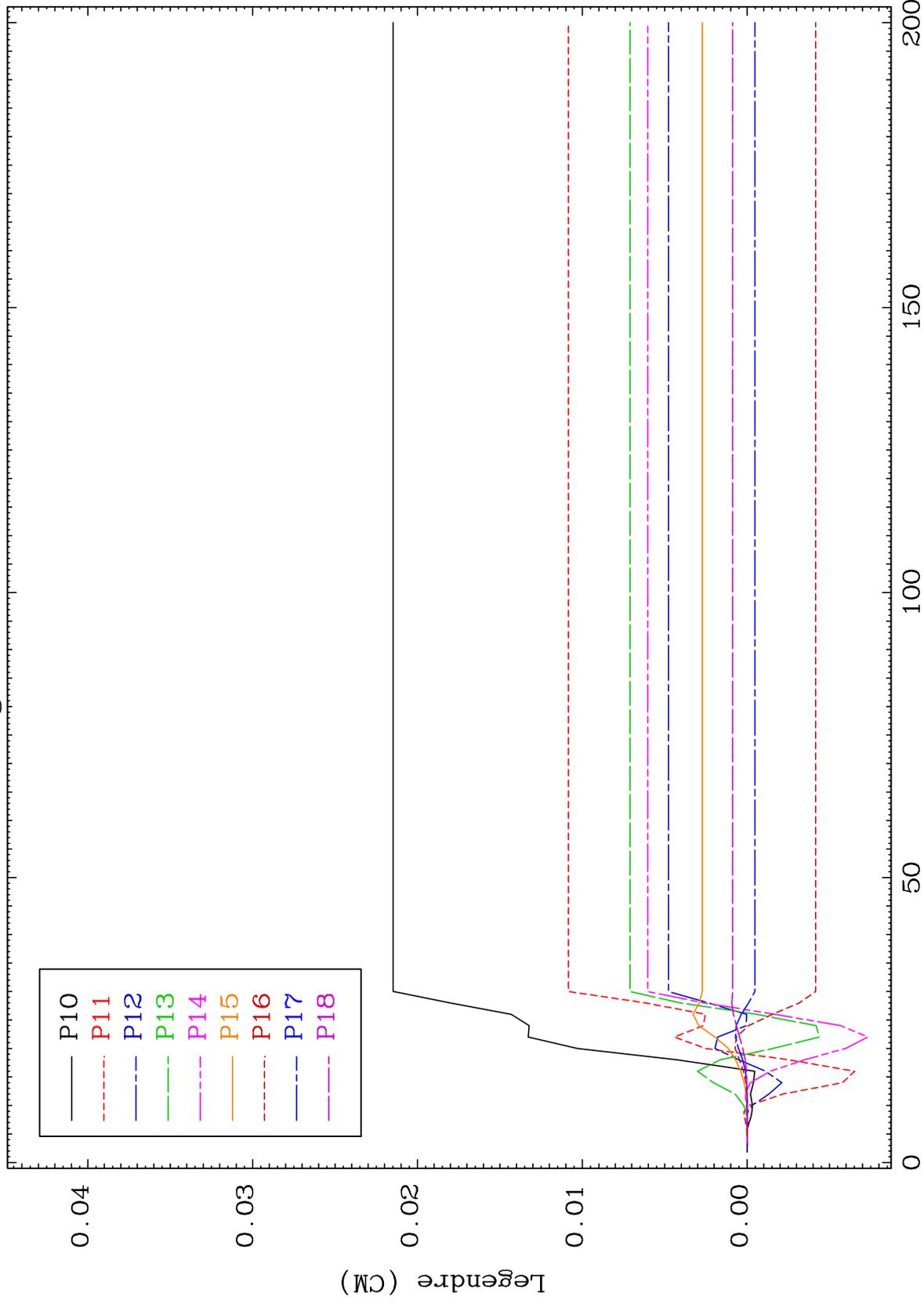
Incident Energy (MeV)

52

MAT 4943

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

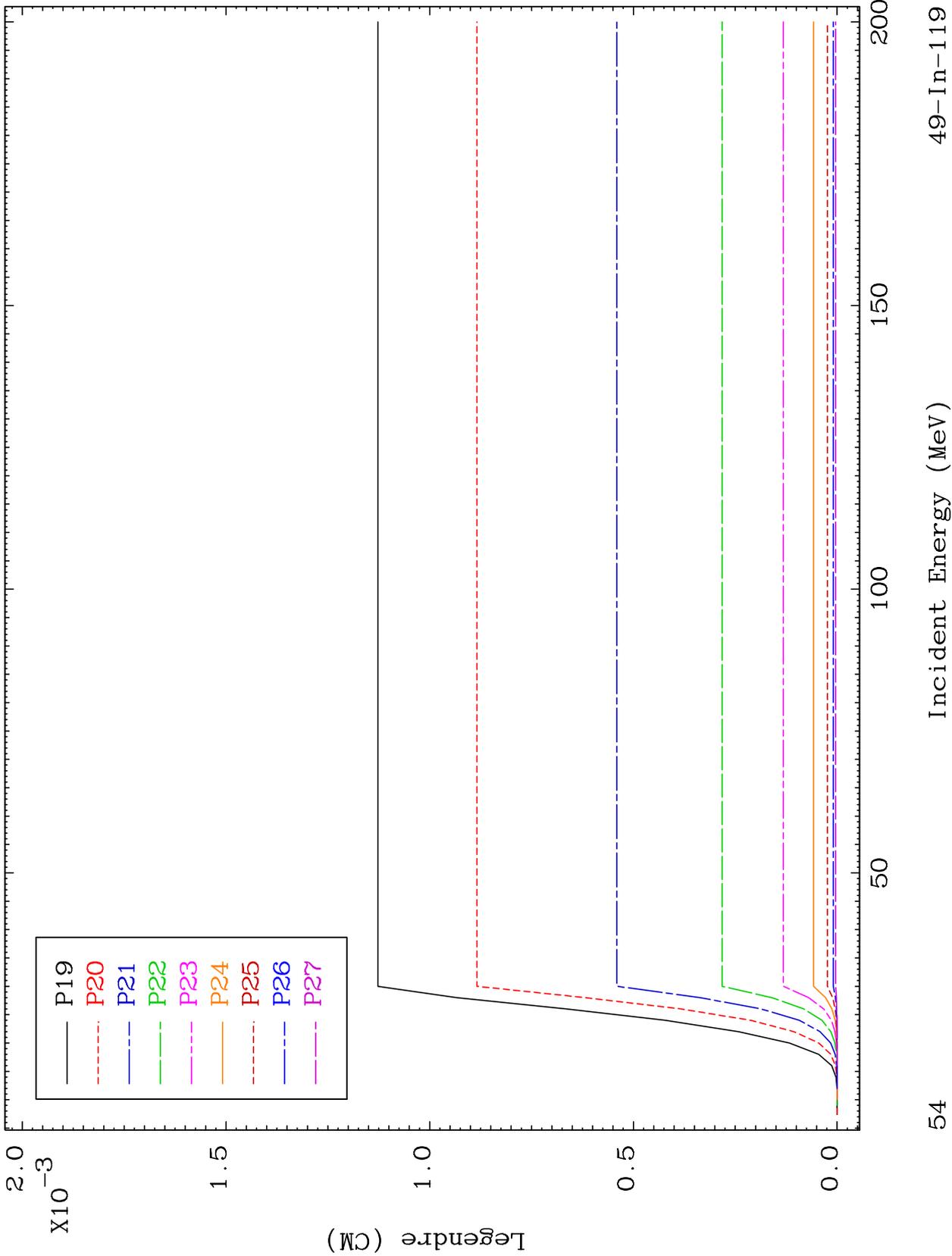
49-In-119



53

Incident Energy (MeV)

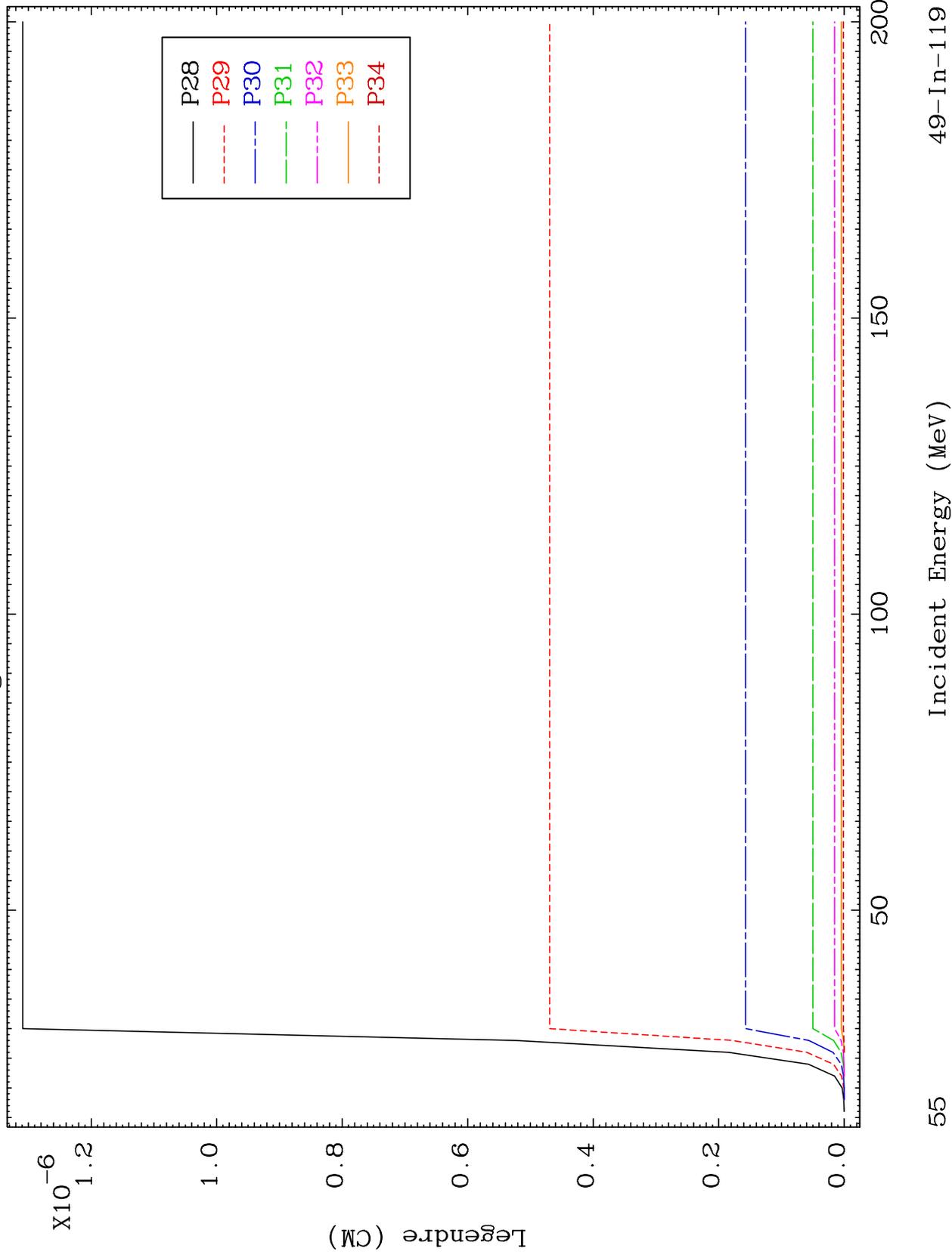
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MAT 4943

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

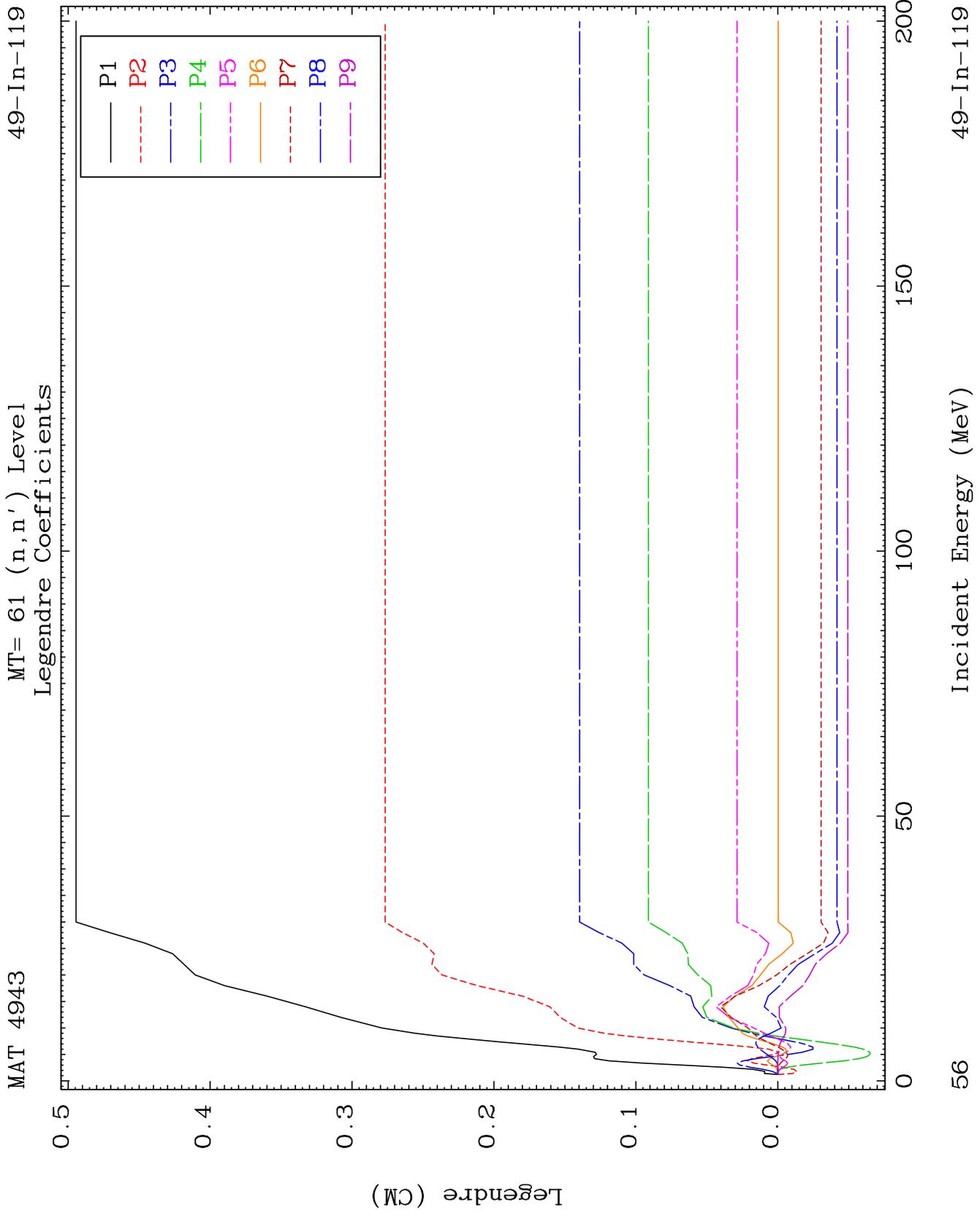
49-In-119



55

Incident Energy (MeV)

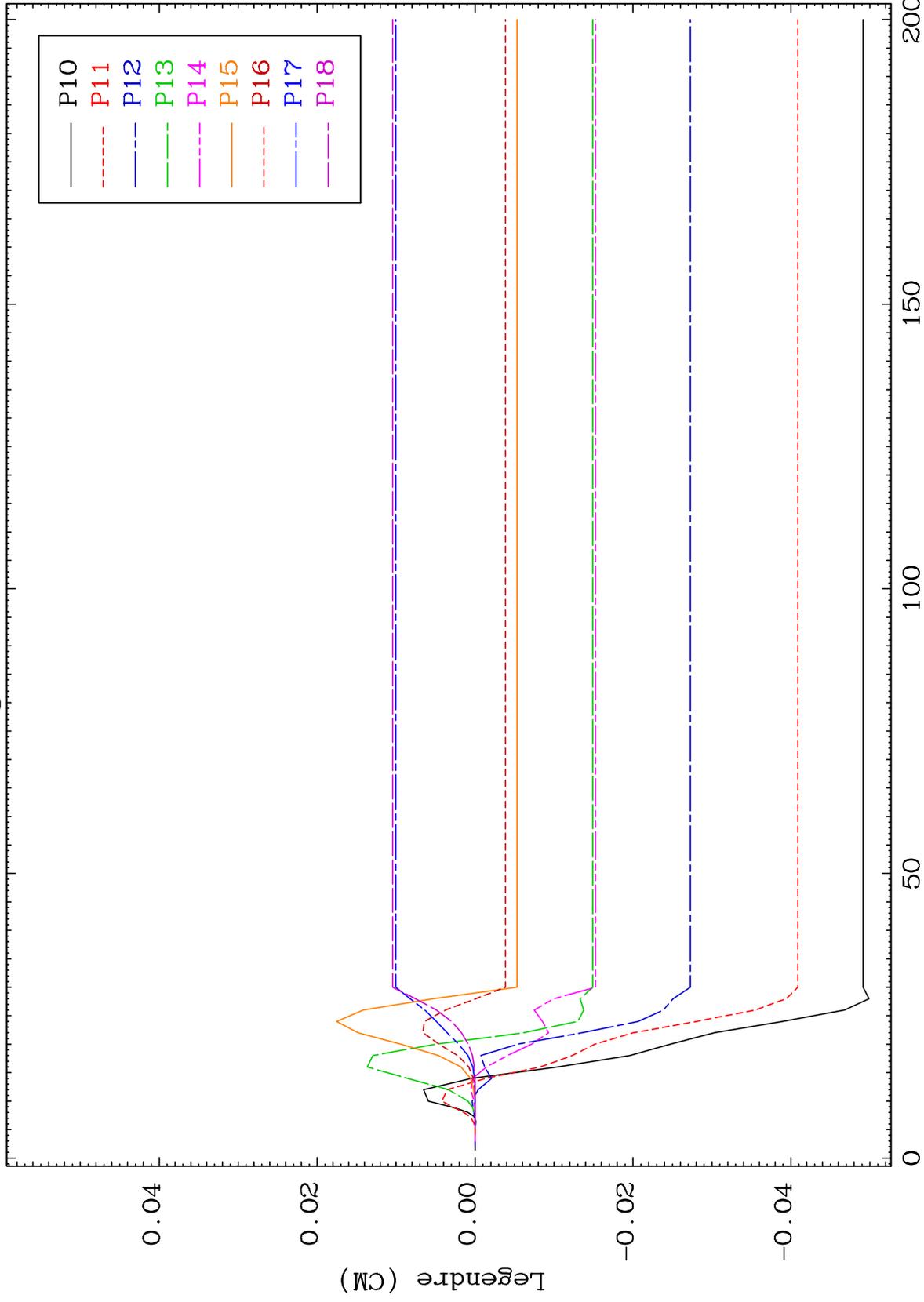
49-In-119



MAT 4943

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

49-In-119



57

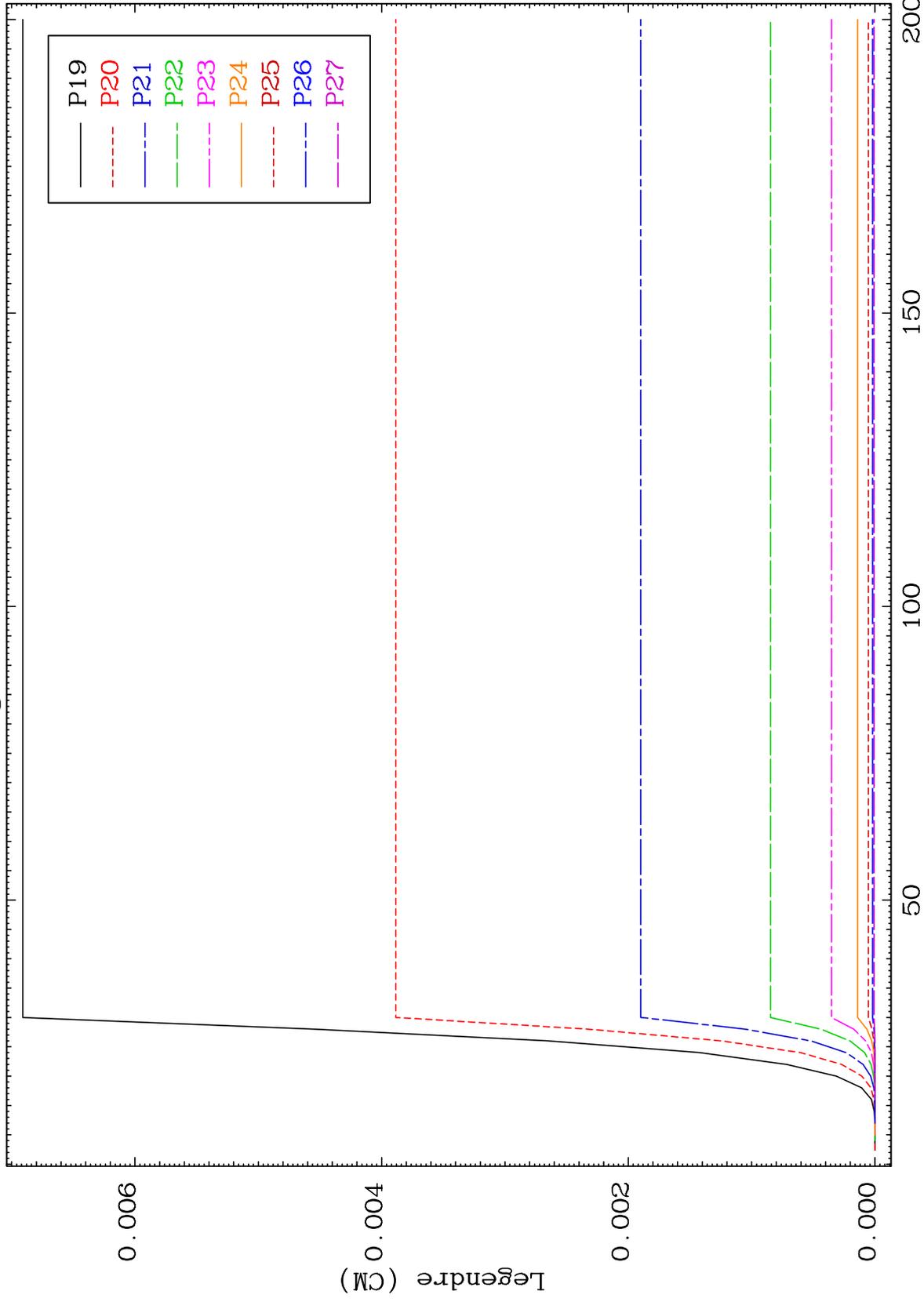
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



58

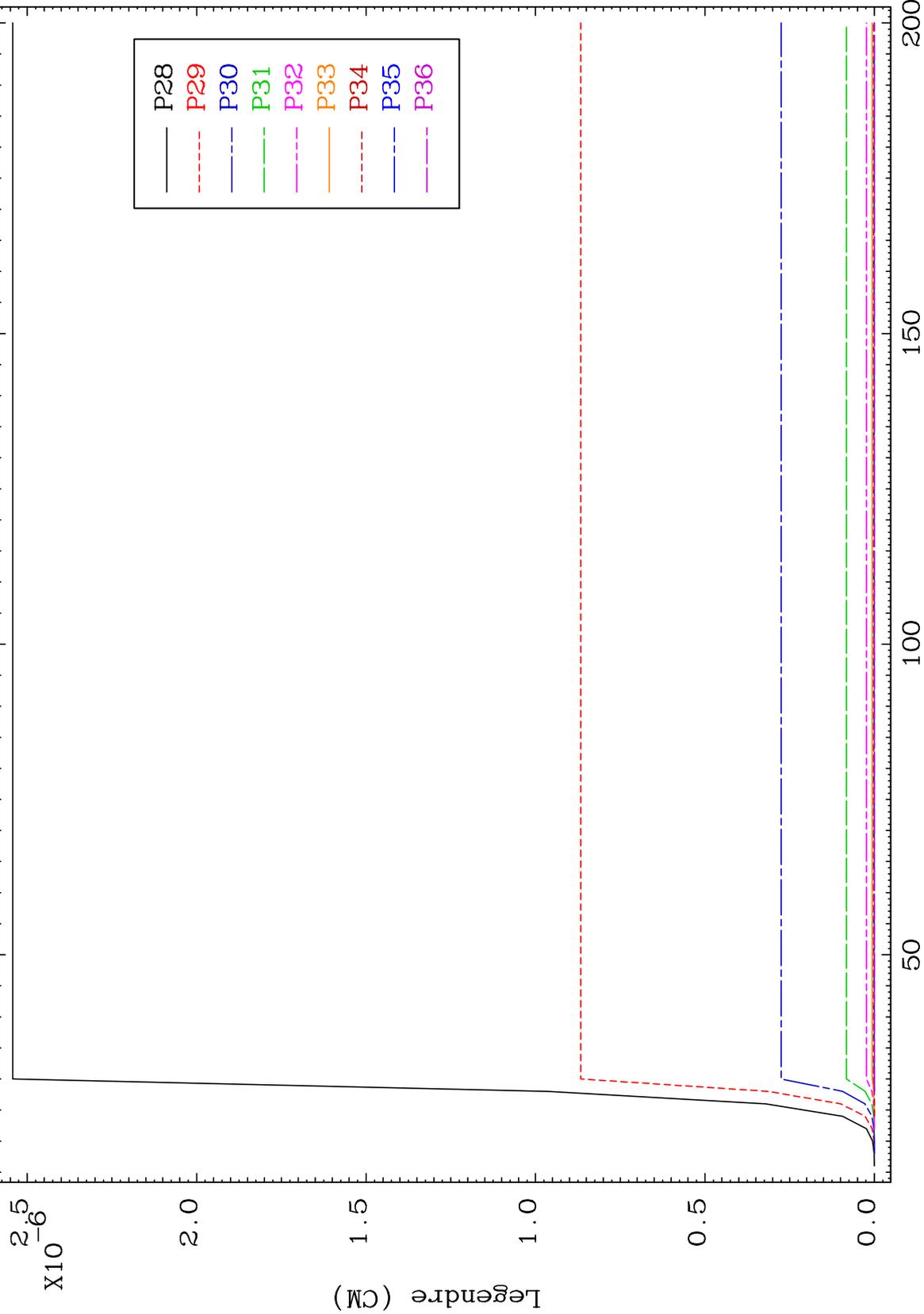
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



59

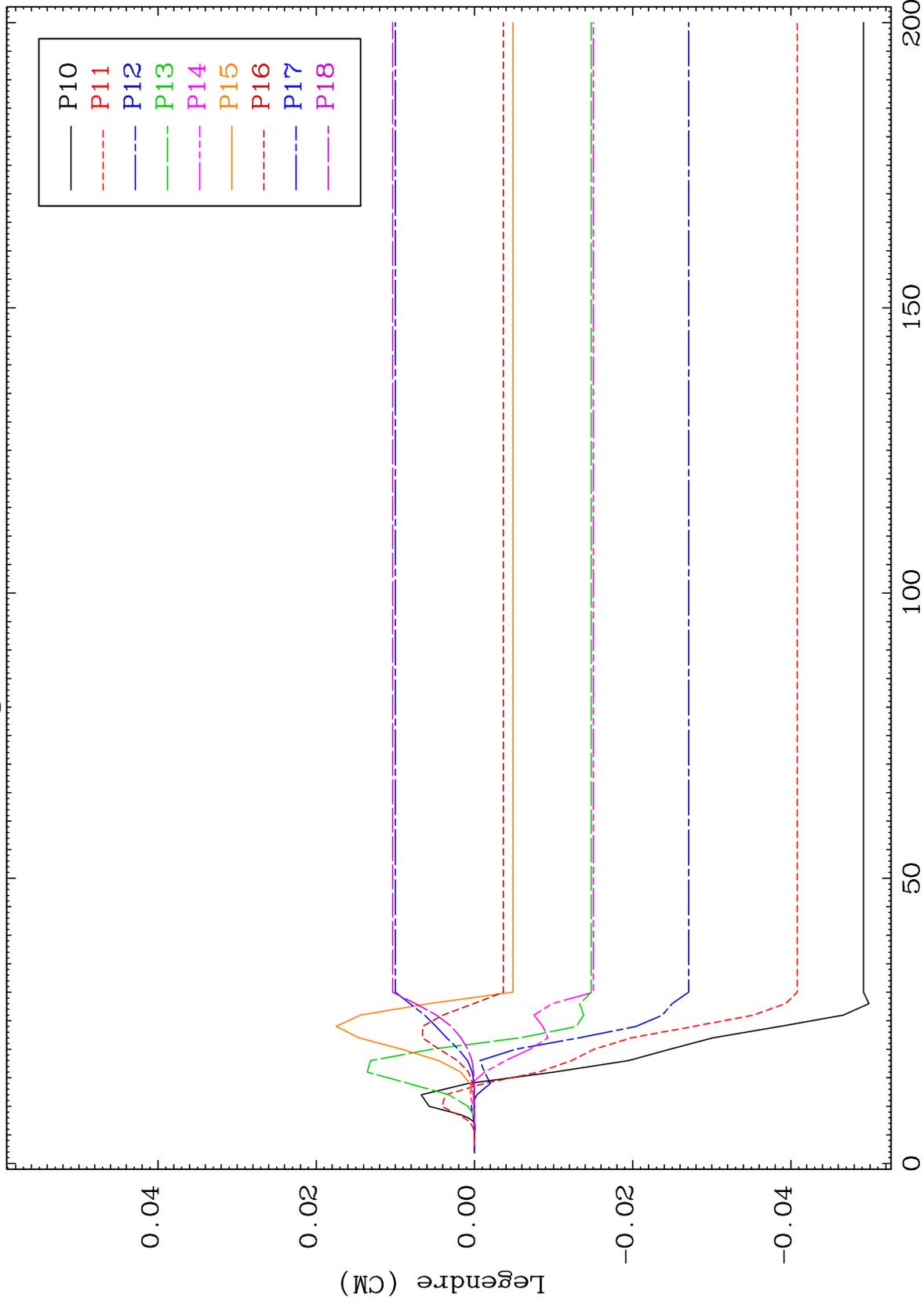
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



61

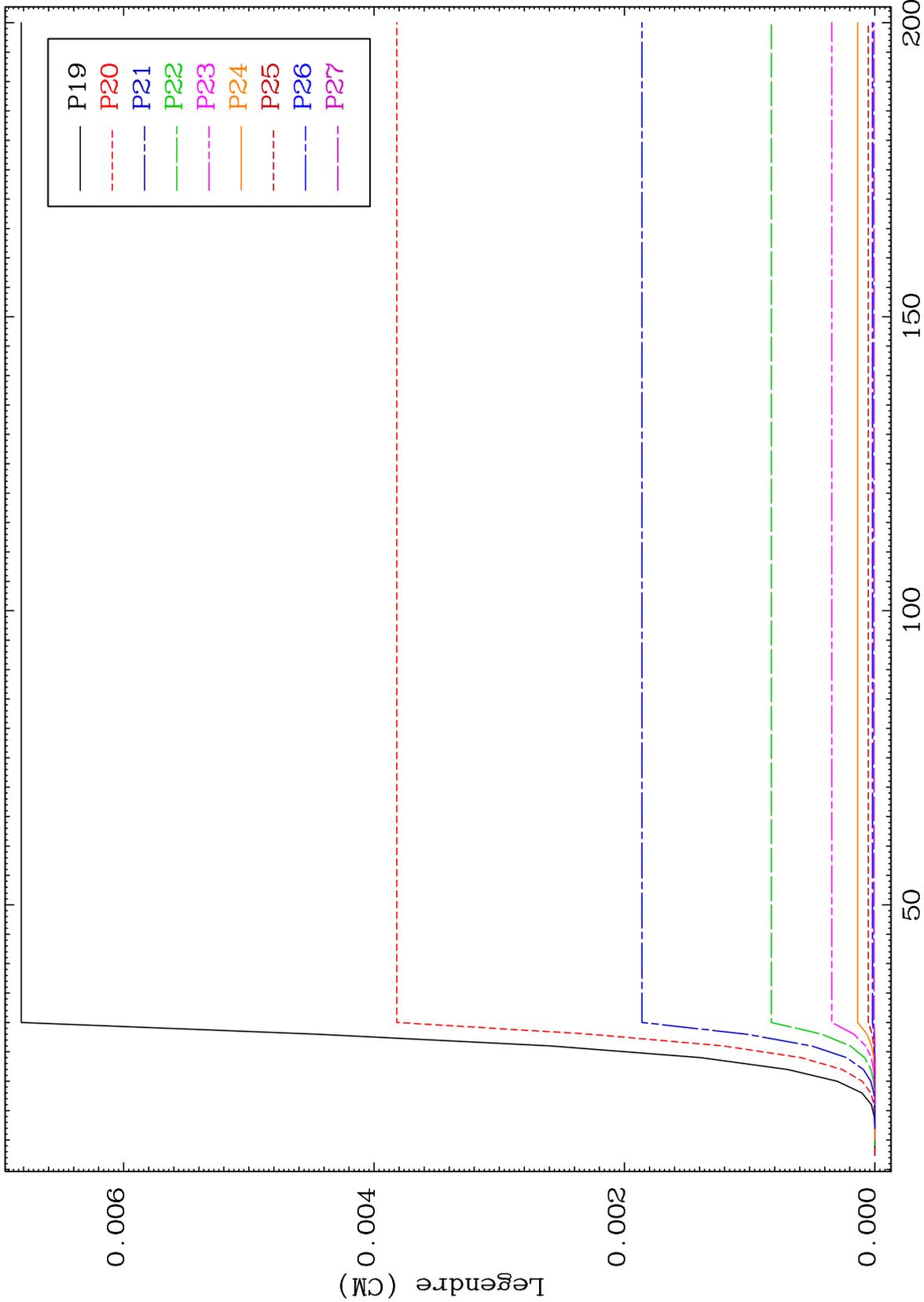
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



62

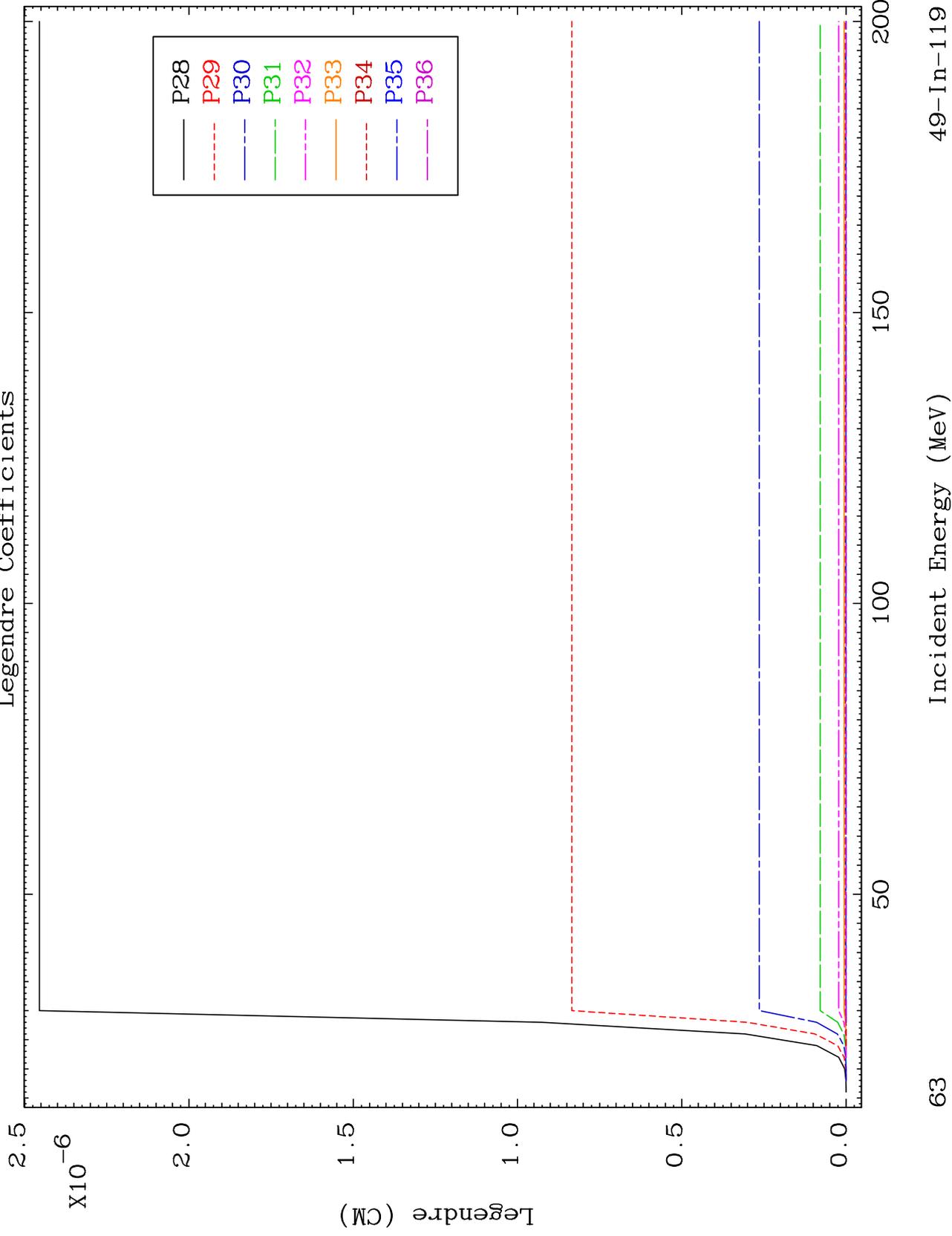
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



63

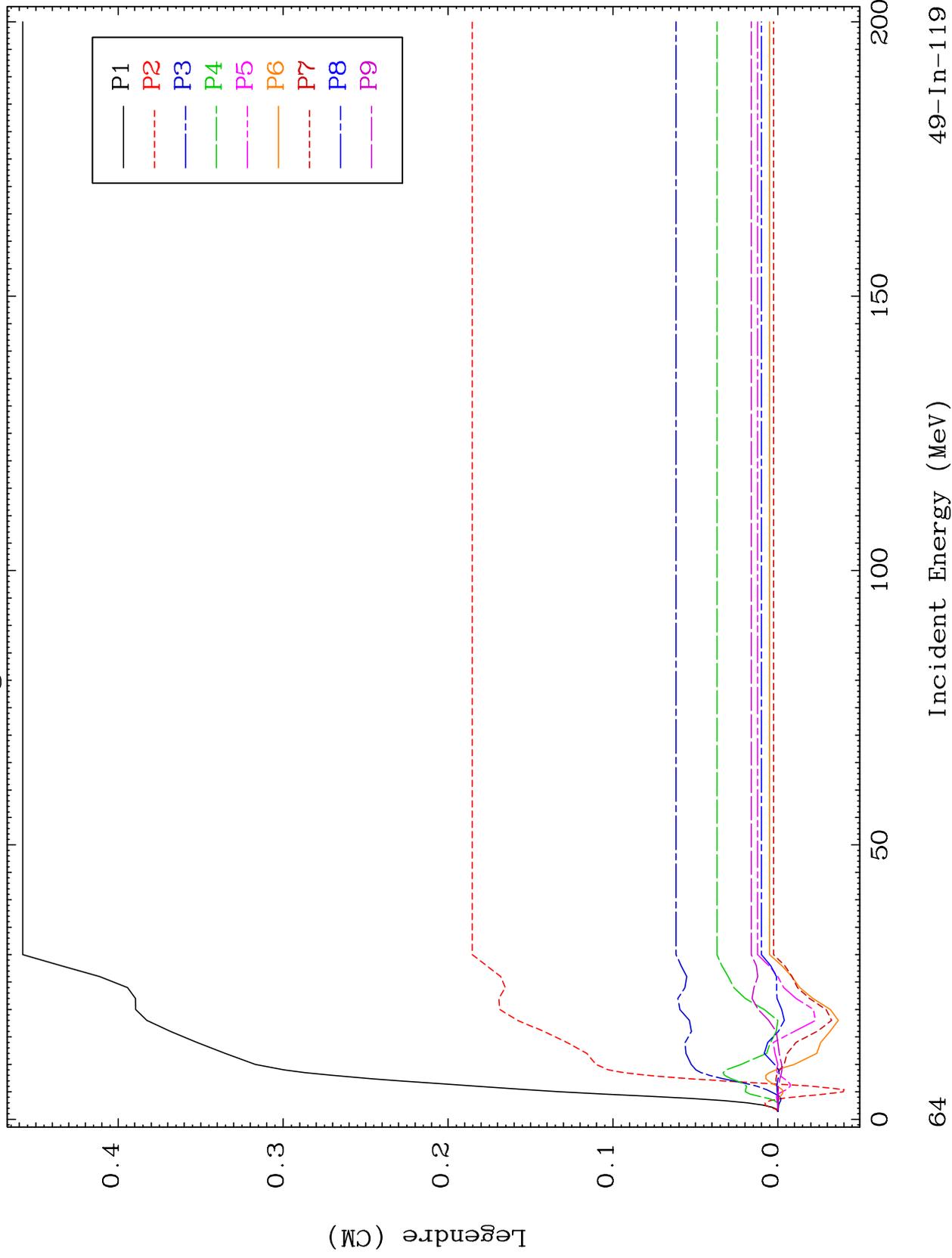
Incident Energy (MeV)

49-In-119

MAT 4943

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

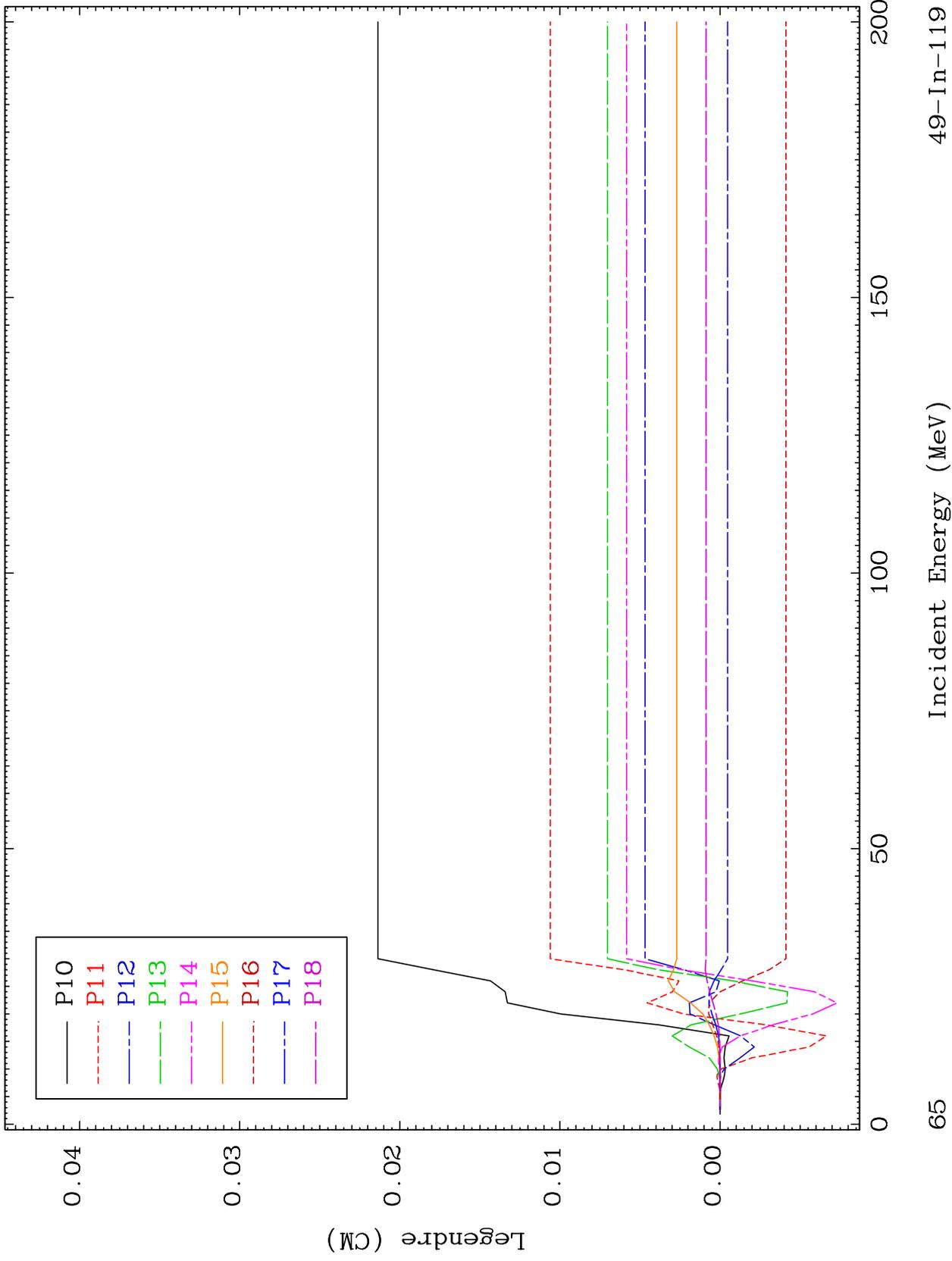
49-In-119



MAT 4943

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

49-In-119



49-In-119

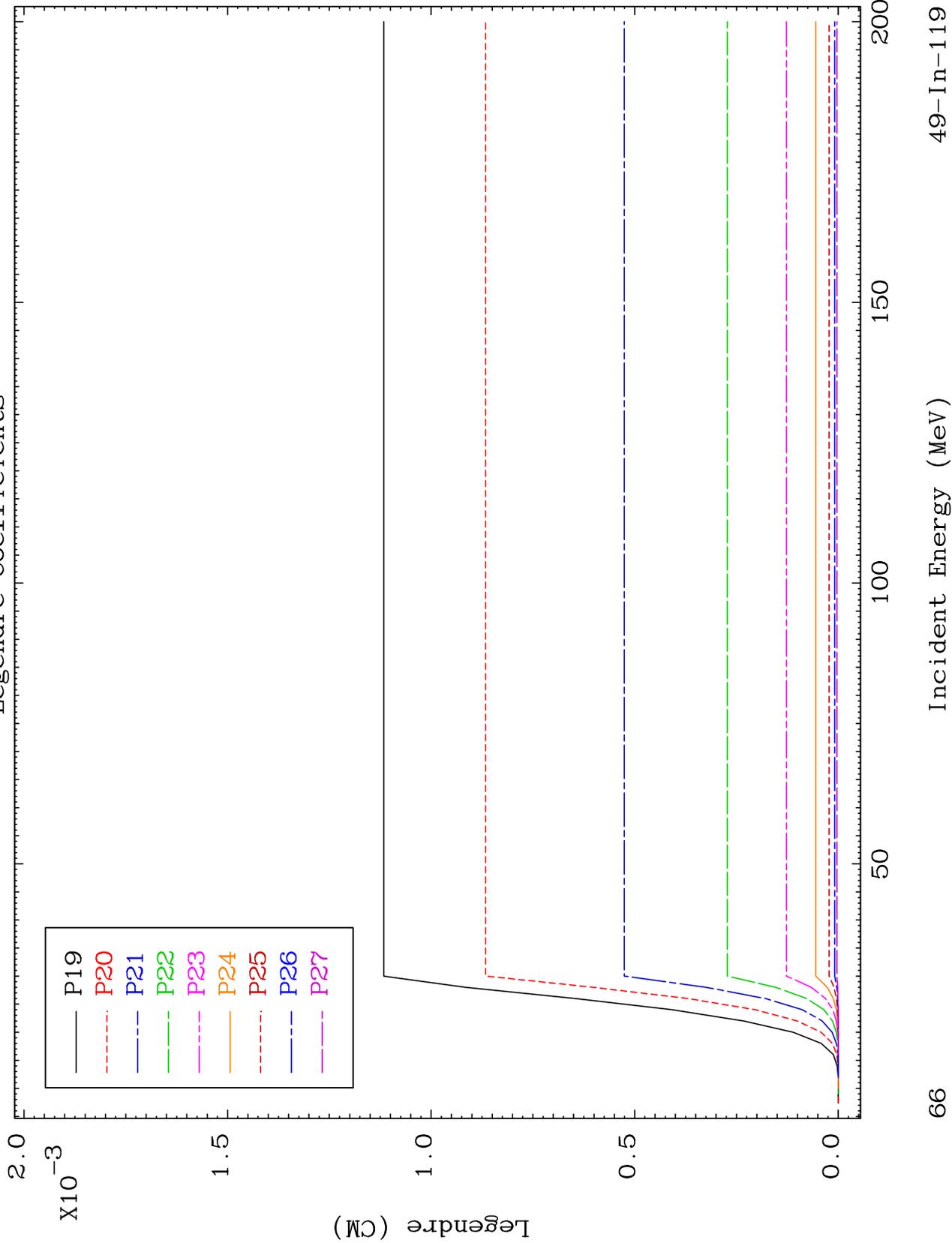
Incident Energy (MeV)

65

MAT 4943

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

49-In-119



66

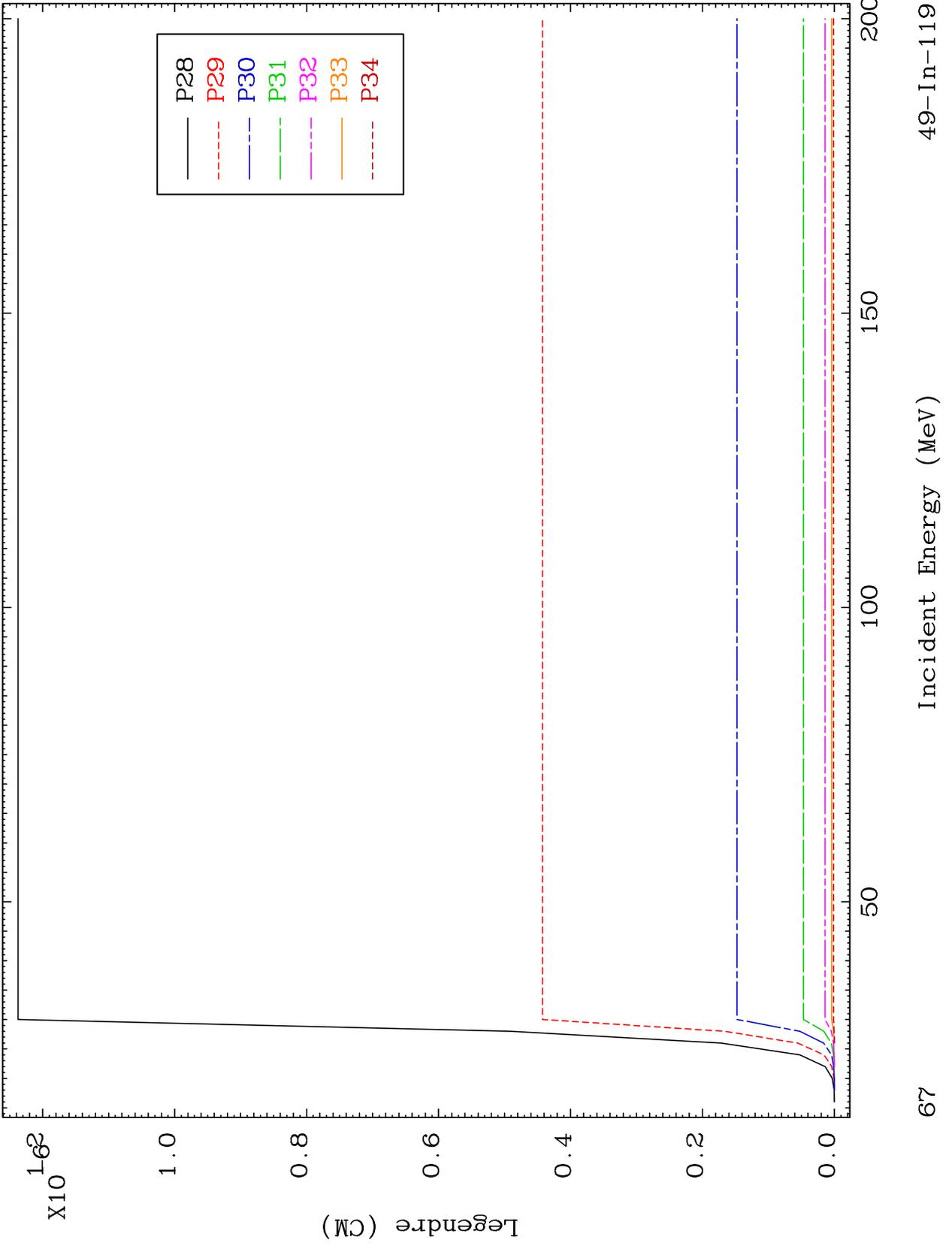
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



67

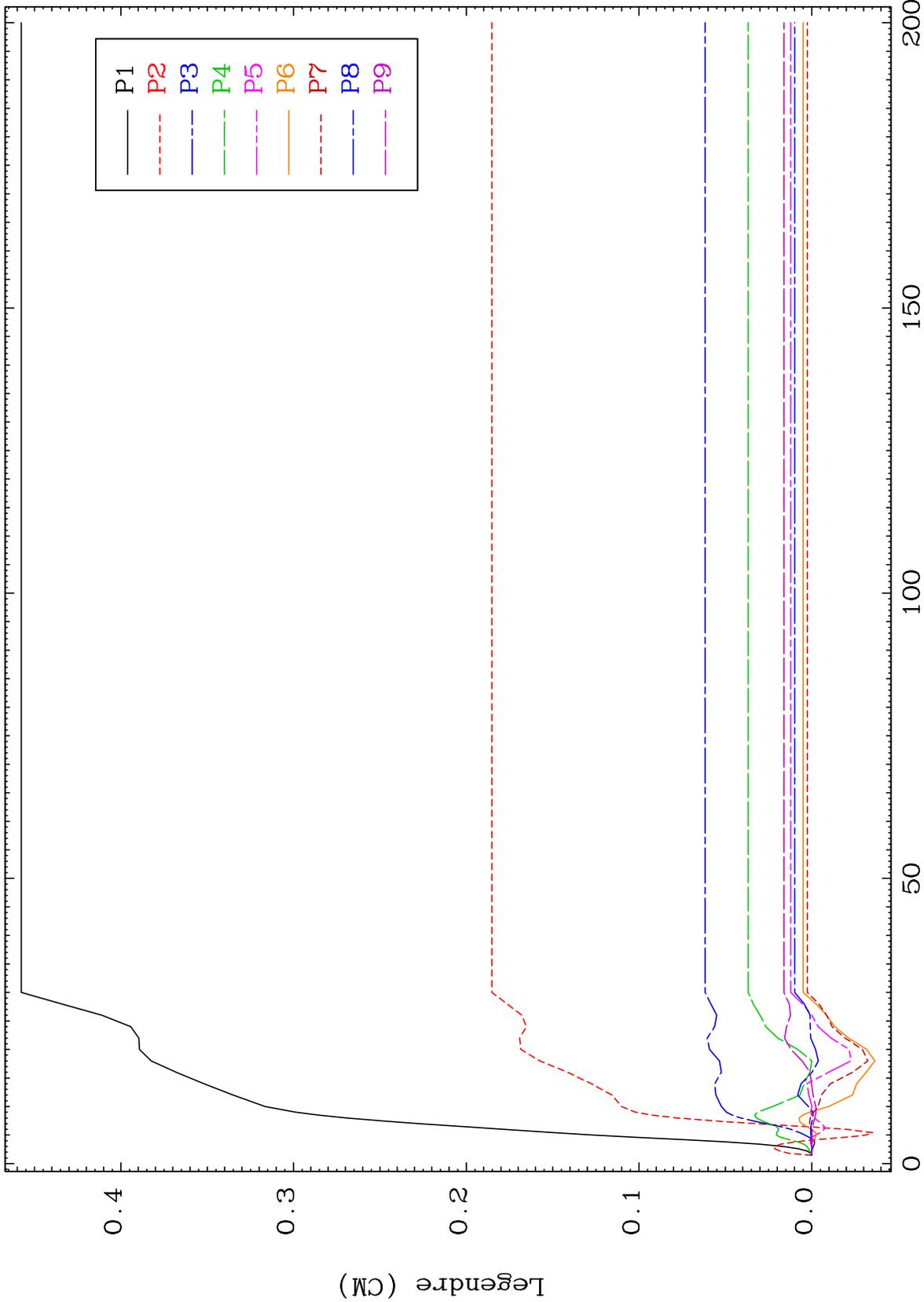
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



68

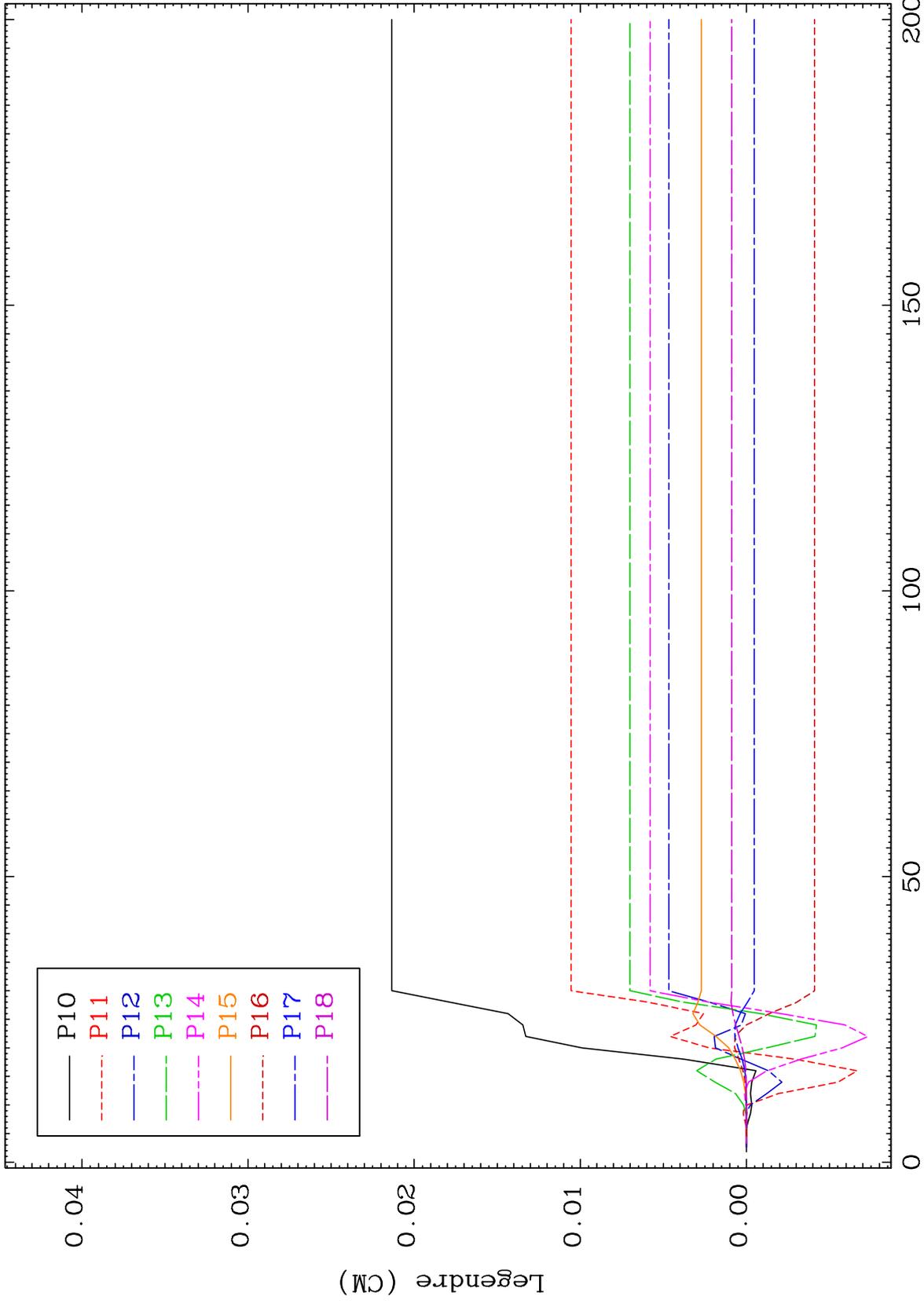
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



69

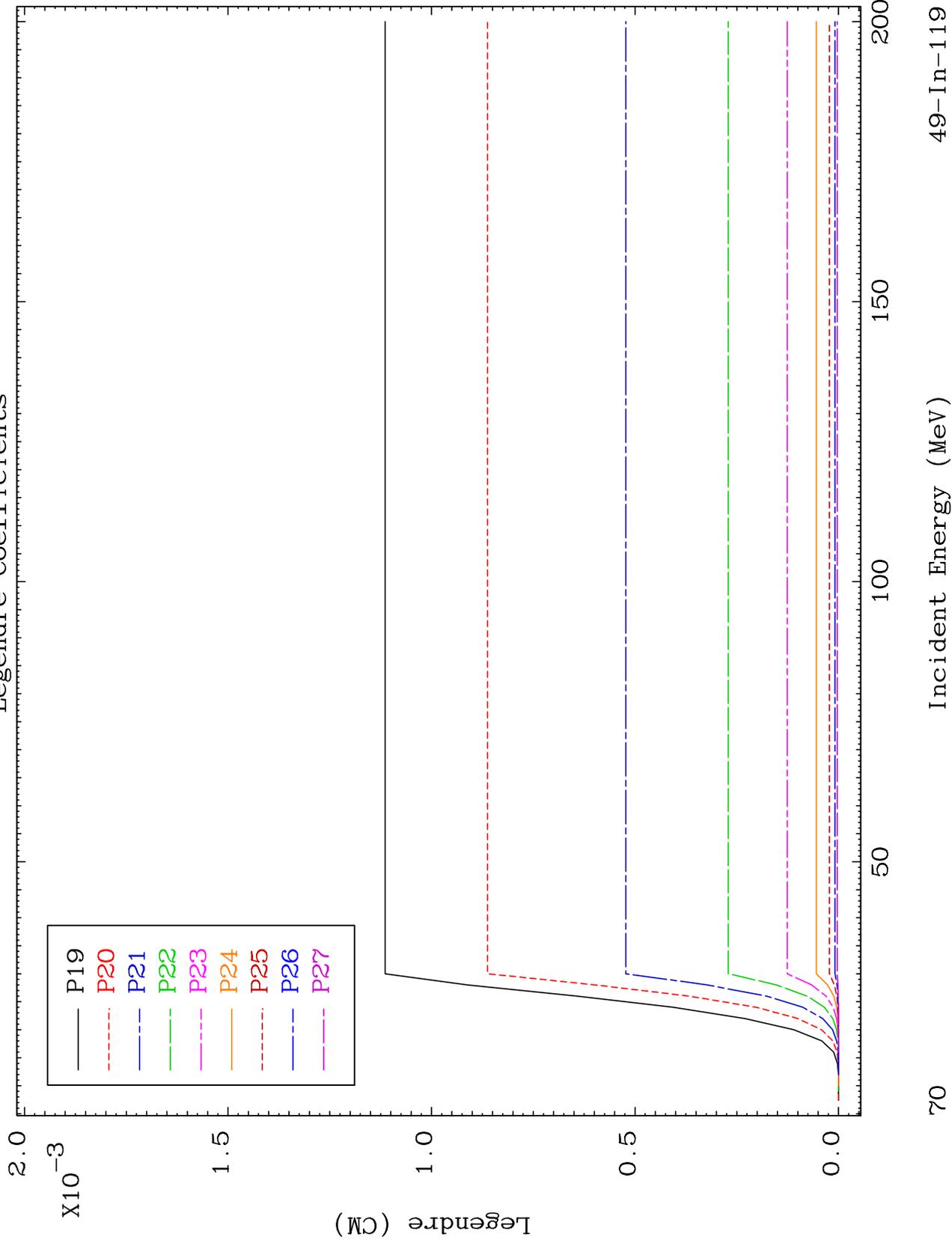
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



70

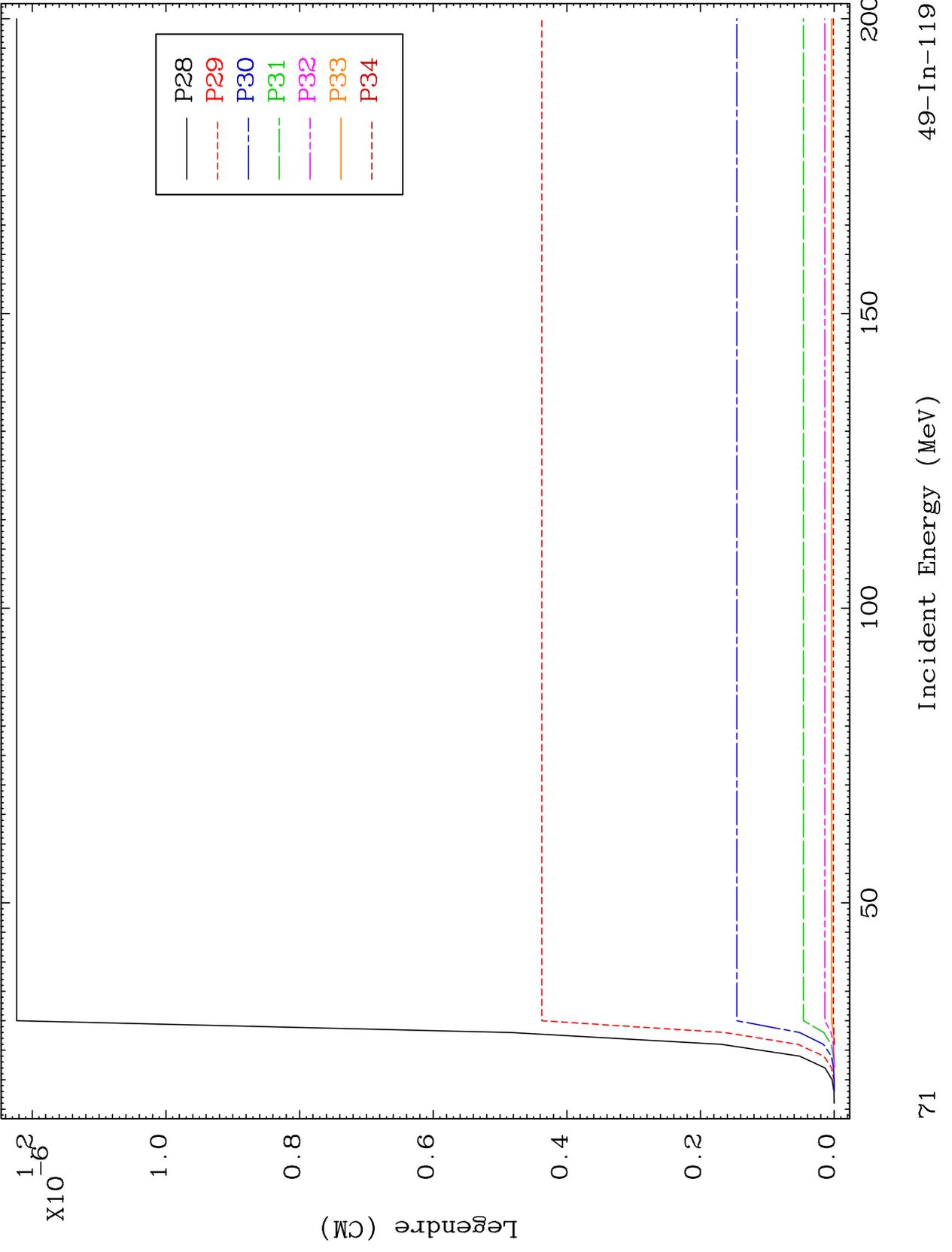
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



71

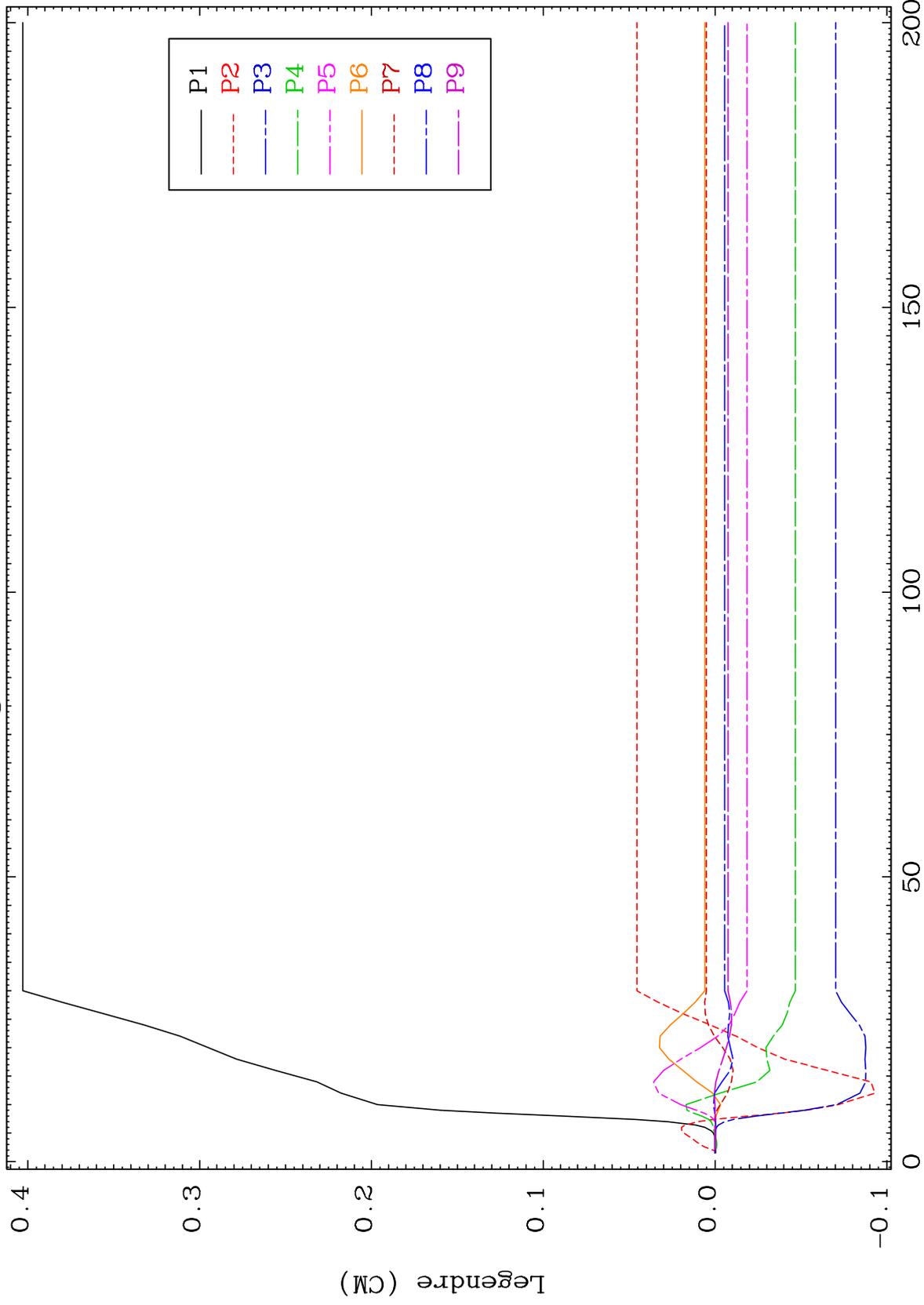
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



72

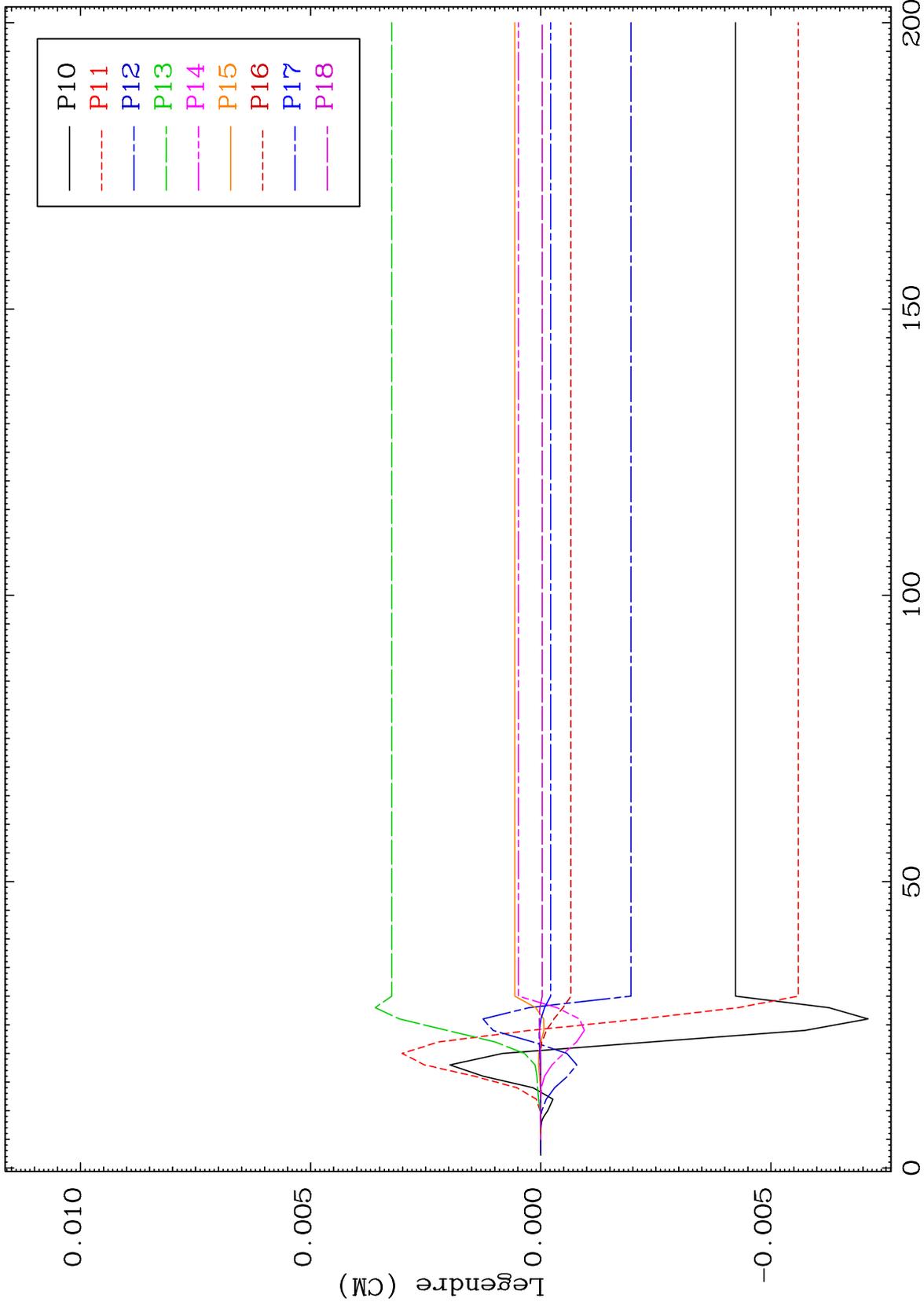
Incident Energy (MeV)

49-In-119

MAT 4943

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

49-In-119



73

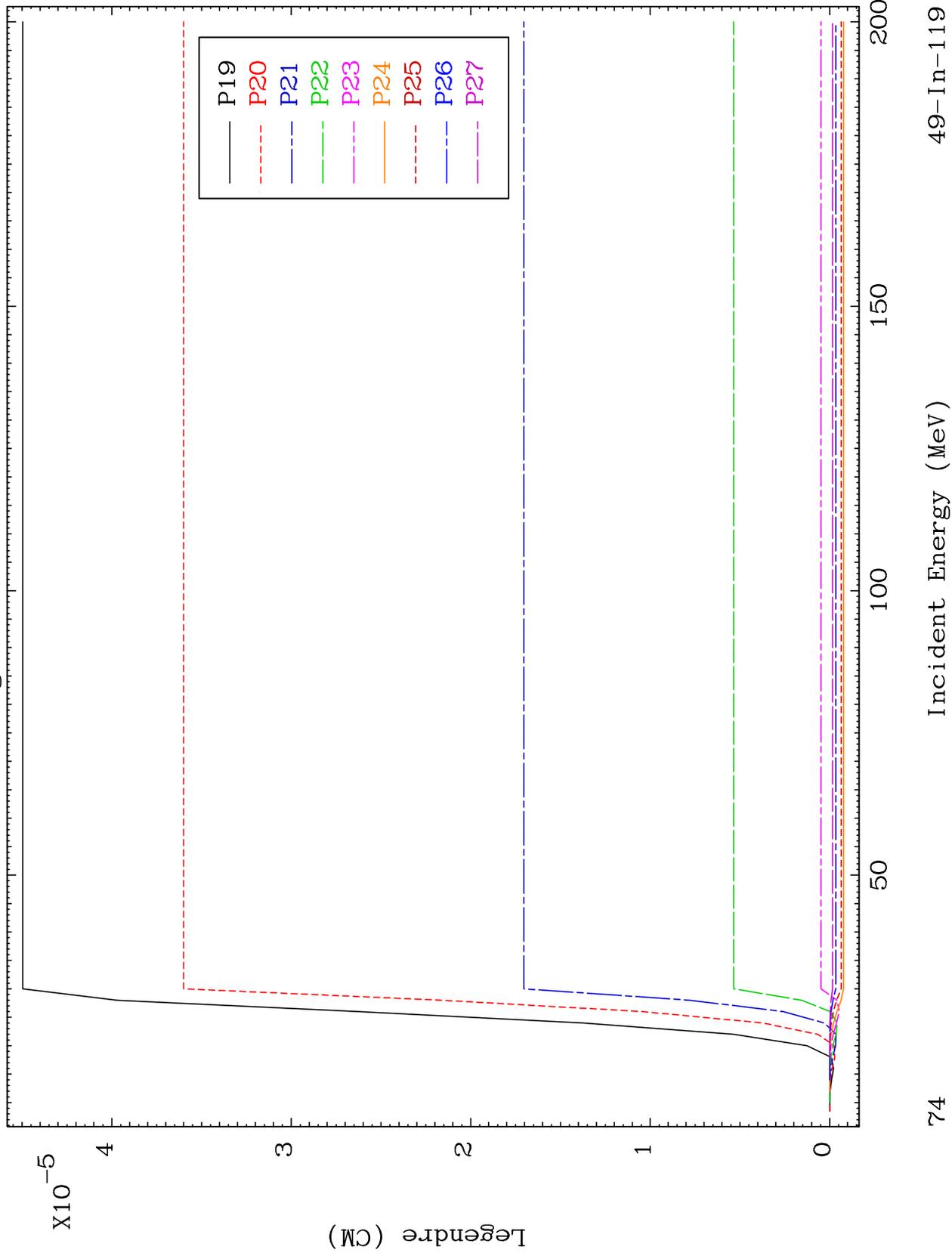
Incident Energy (MeV)

49-In-119

MAT 4943

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

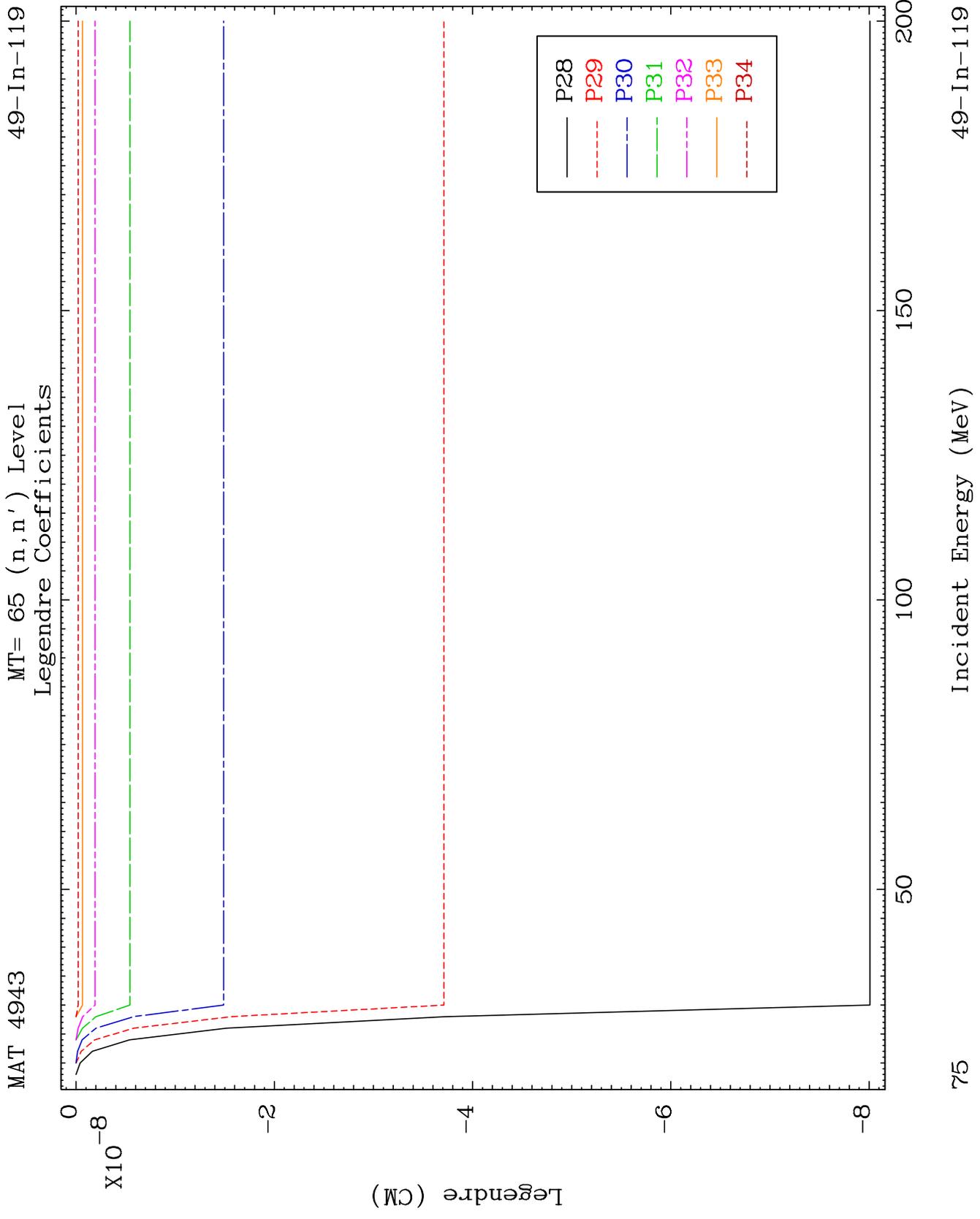
49-In-119



74

Incident Energy (MeV)

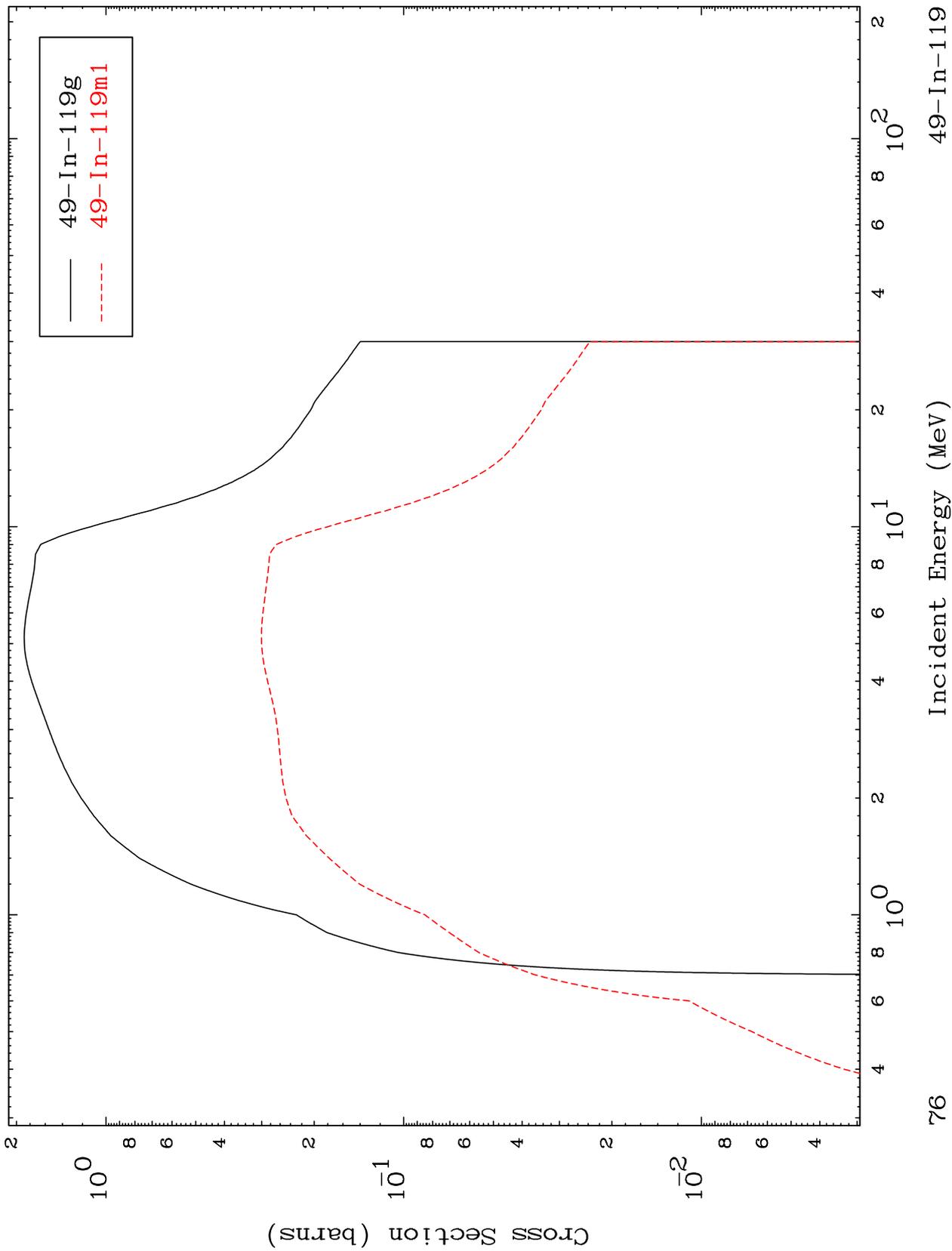
49-In-119



MAT 4943

49-In-119

Inelastic
Radionuclide Production Cross Section



— 49-In-119g
- - - 49-In-119m1

76

Incident Energy (MeV)

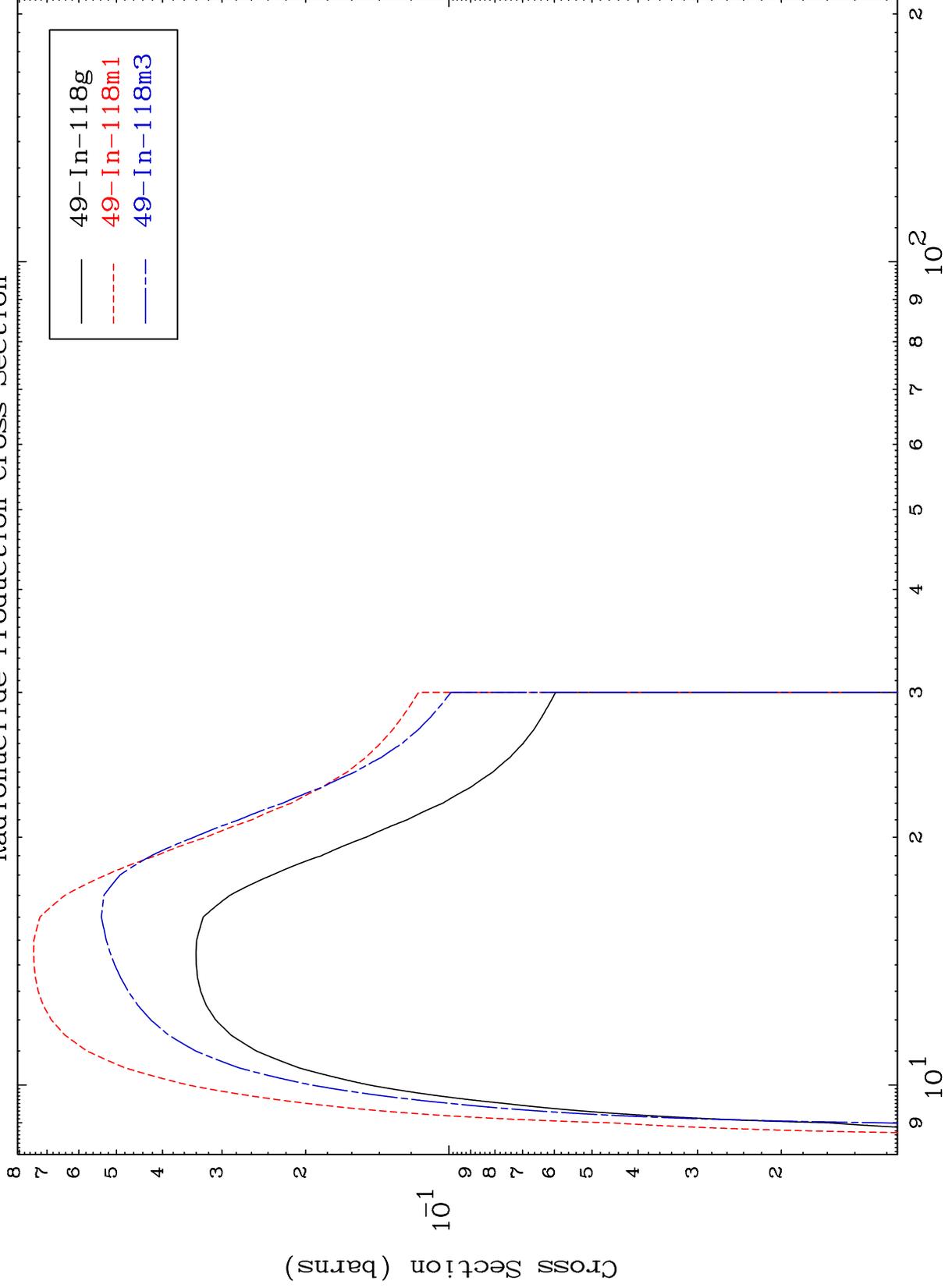
49-In-119

MAT 4943

(n,2n)

49-In-119

Radionuclide Production Cross Section



77

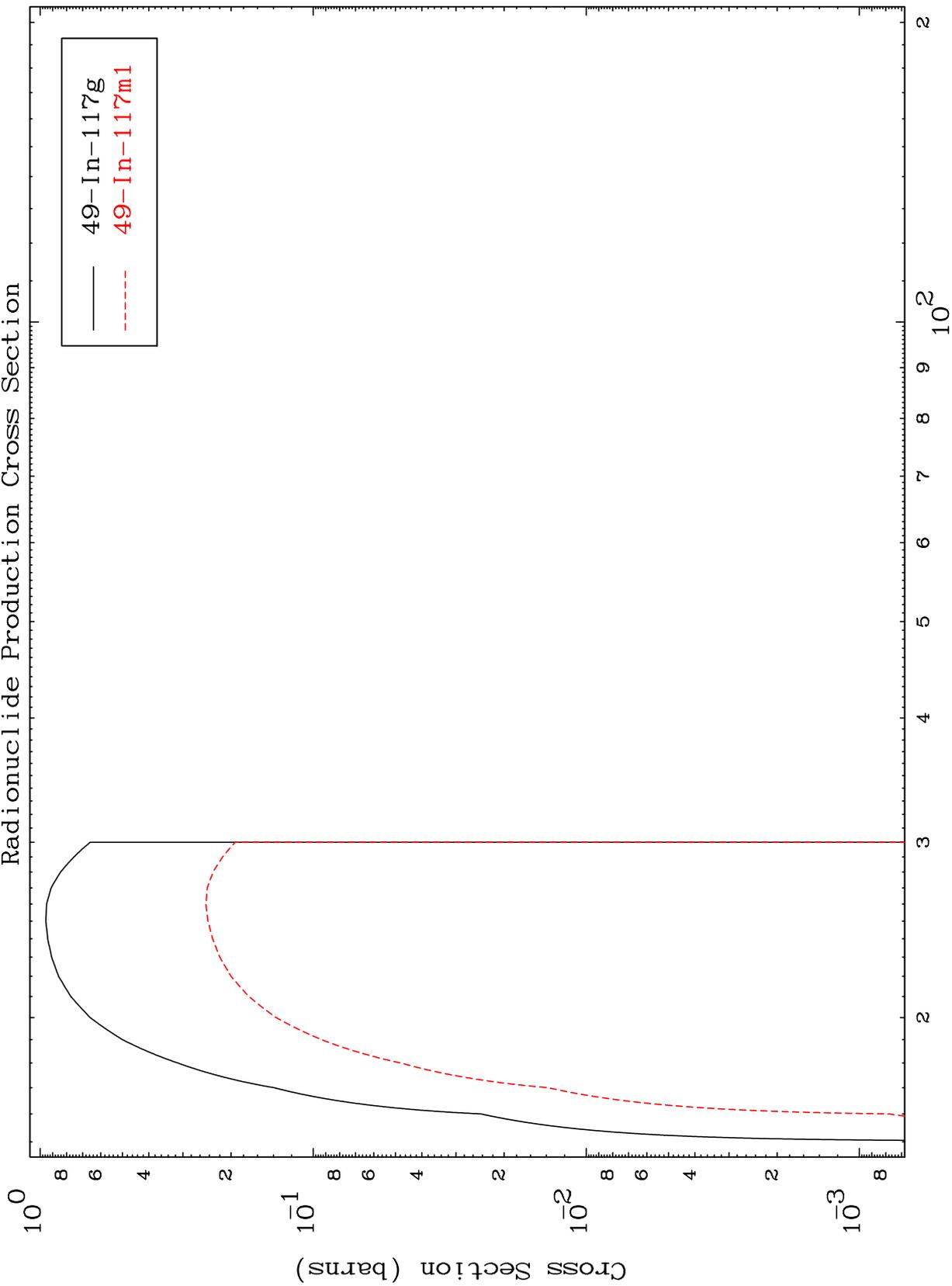
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

(n,3n)
Radionuclide Production Cross Section



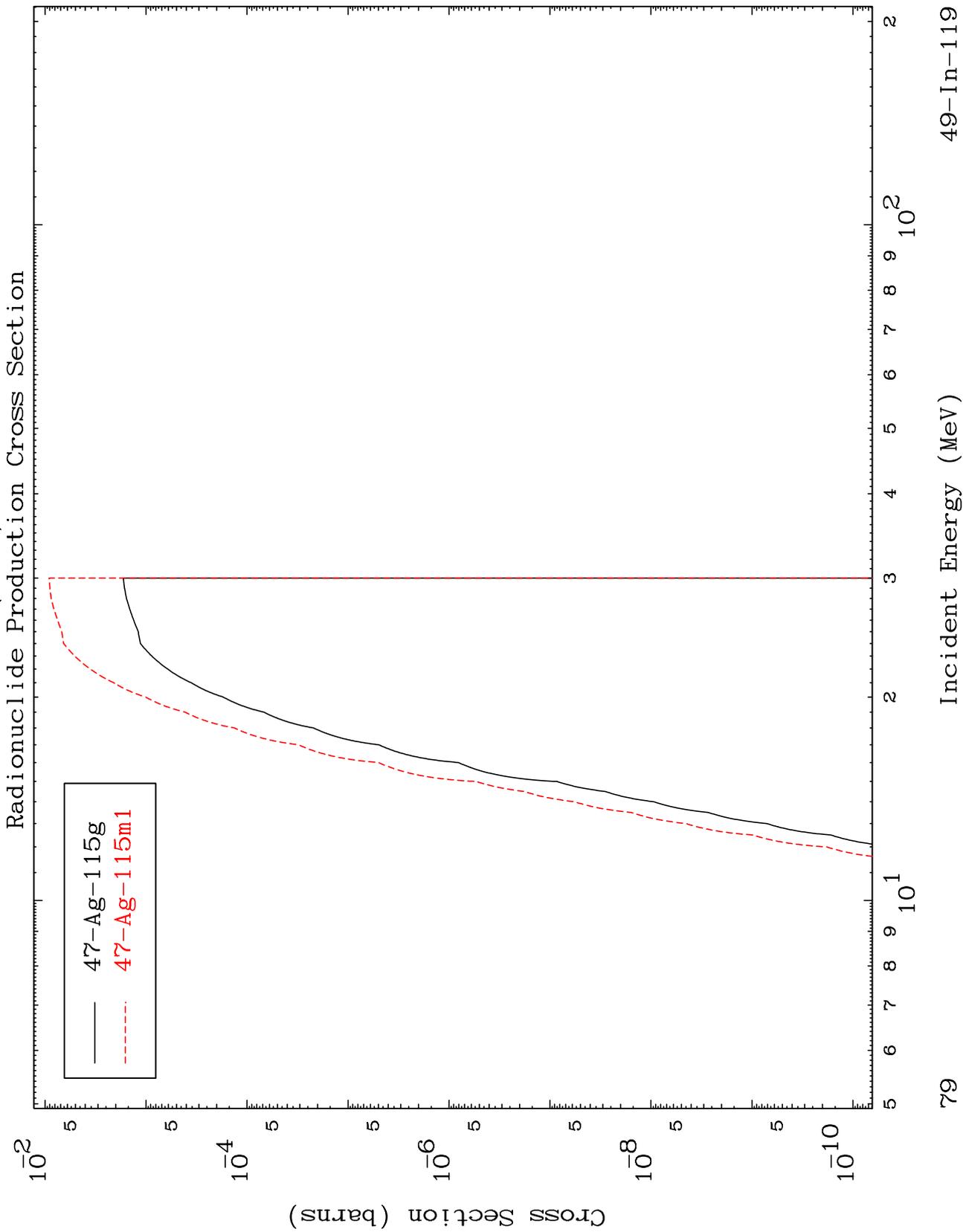
78

Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119



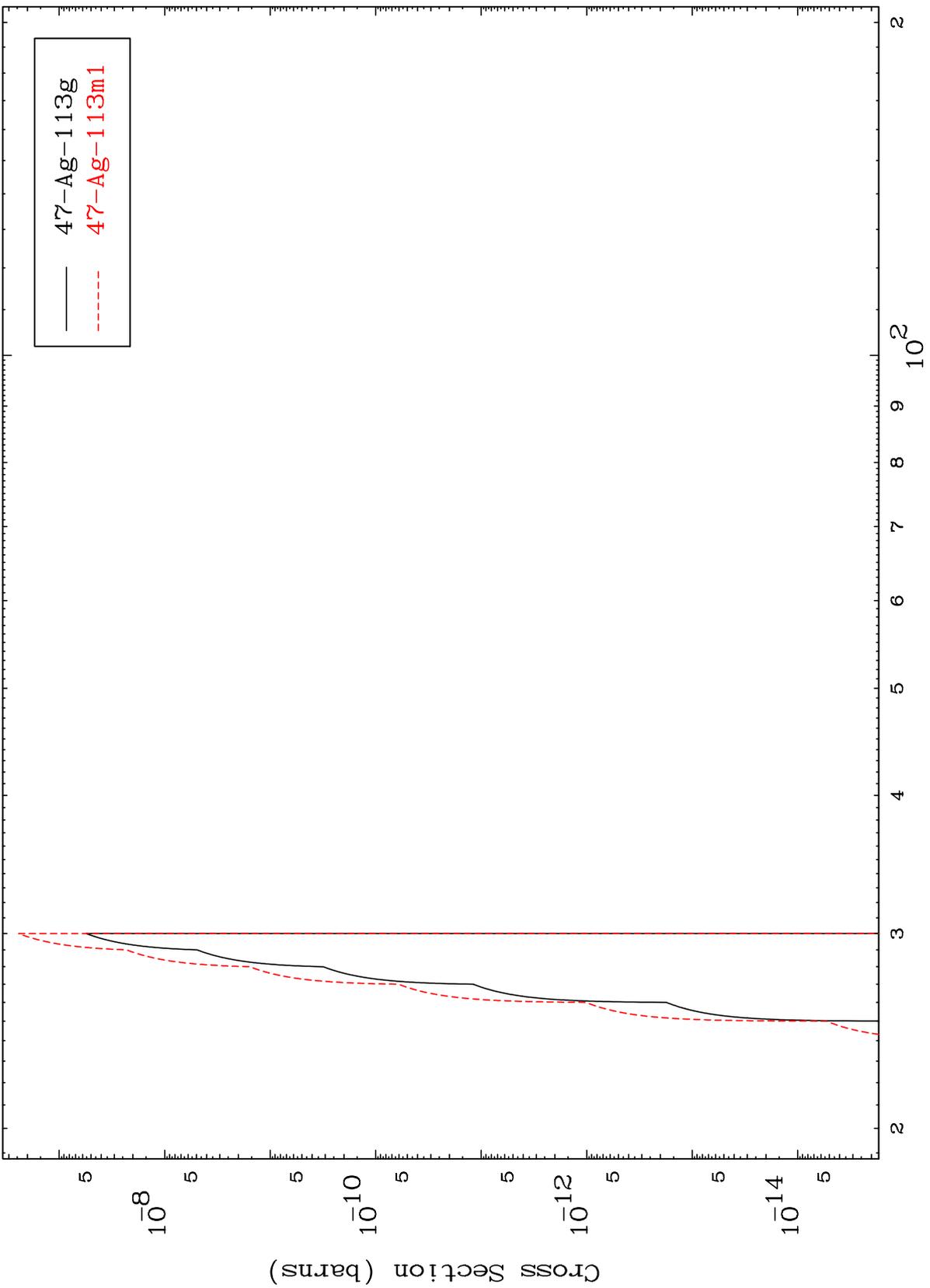
— 47-Ag-115g
- - - 47-Ag-115m1

MAT 4943

(n,3n) α

49-In-119

Radionuclide Production Cross Section

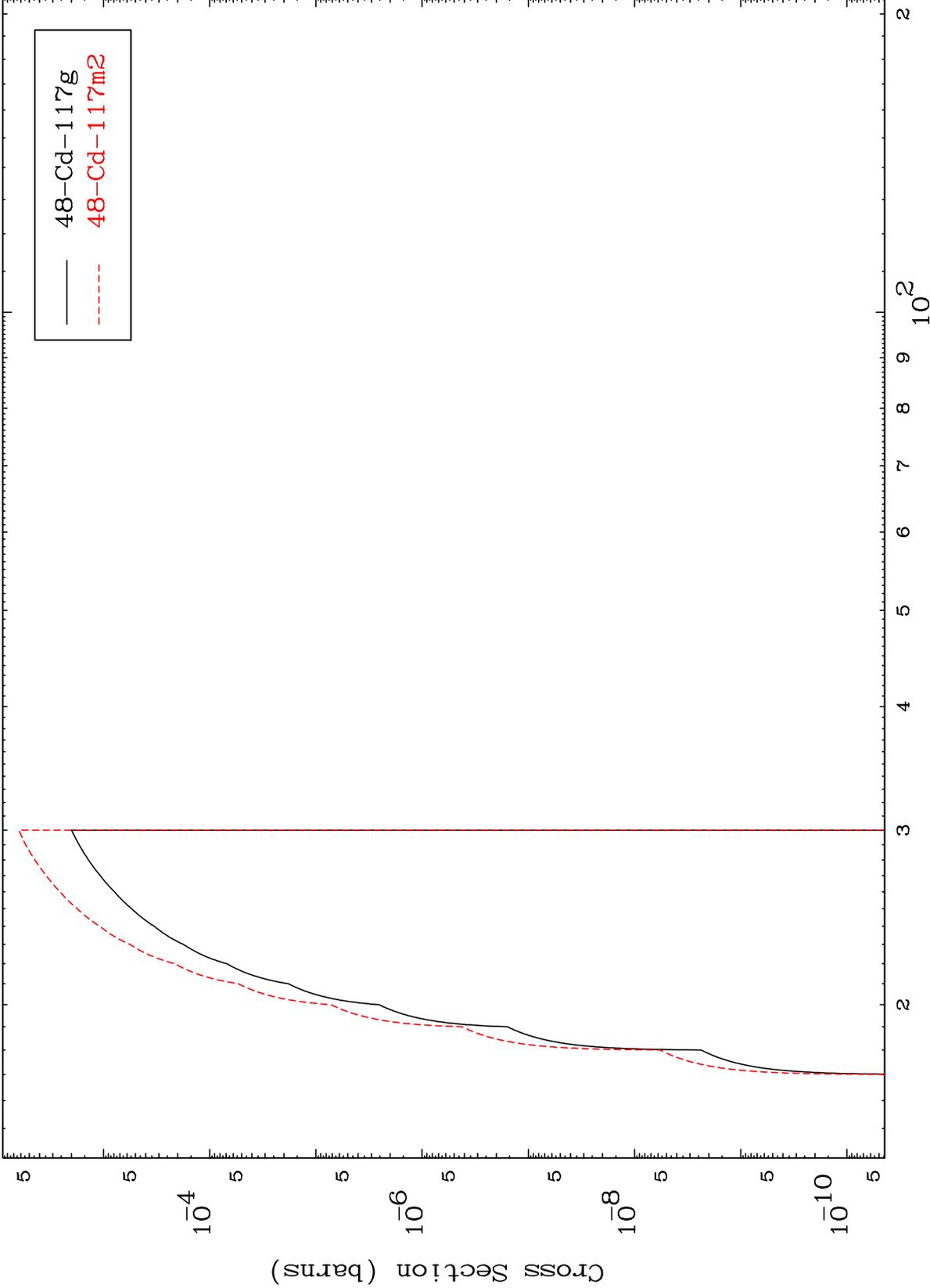


80

Incident Energy (MeV)

49-In-119

Radionuclide Production Cross Section

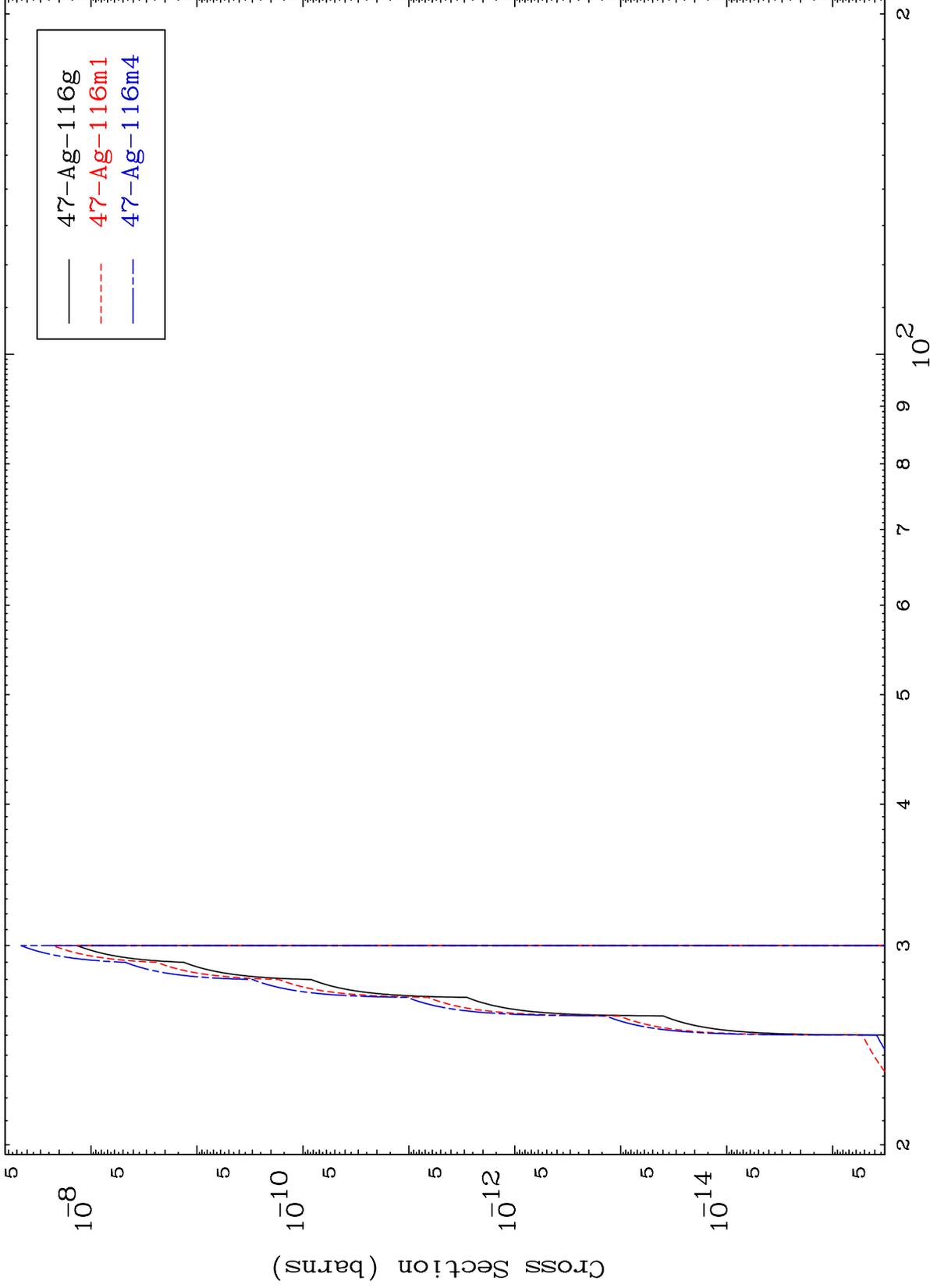


MAT 4943

(n,n') He-3

49-In-119

Radionuclide Production Cross Section



82

Incident Energy (MeV)

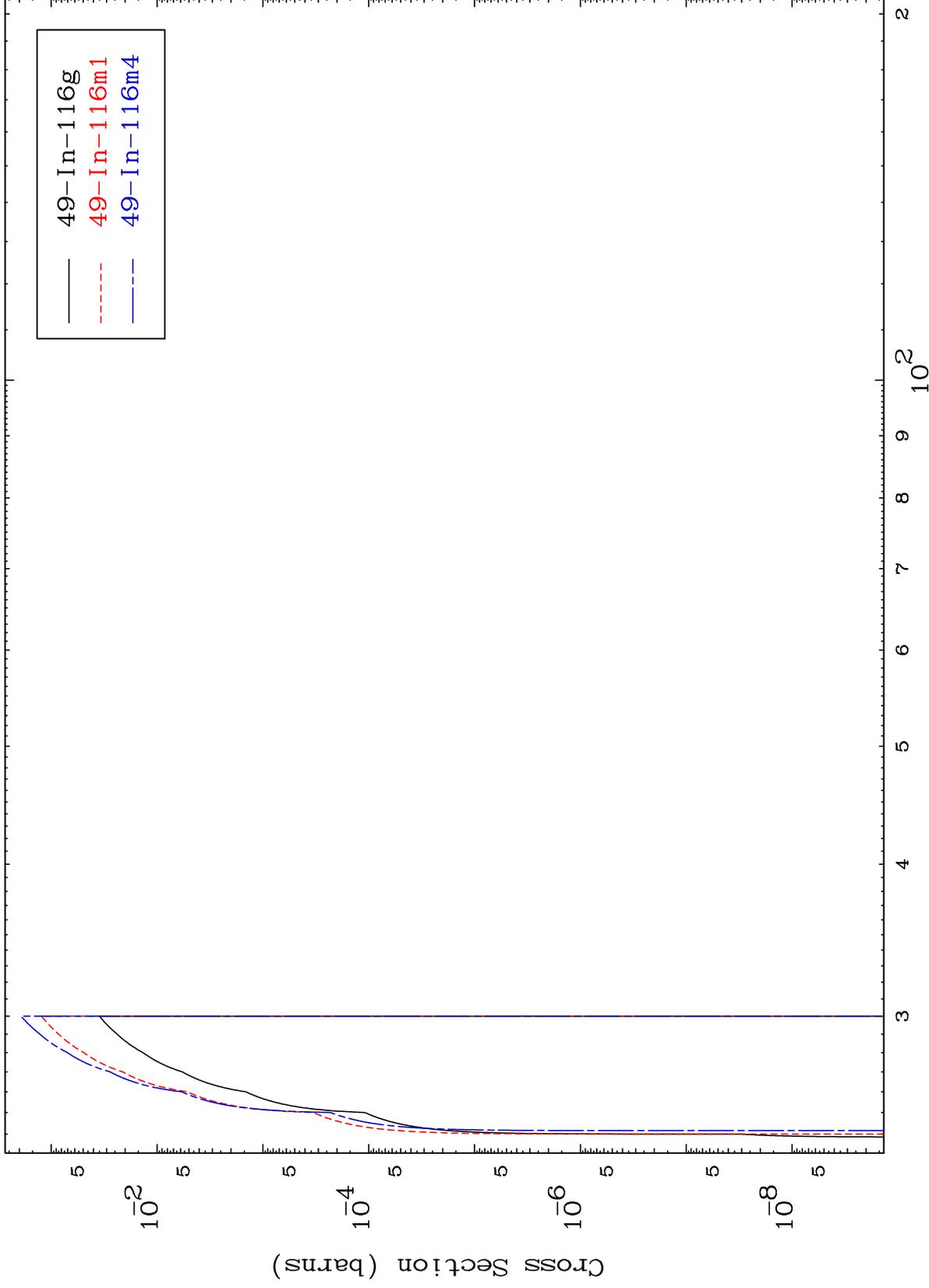
49-In-119

MAT 4943

(n,4n)

49-In-119

Radionuclide Production Cross Section



83

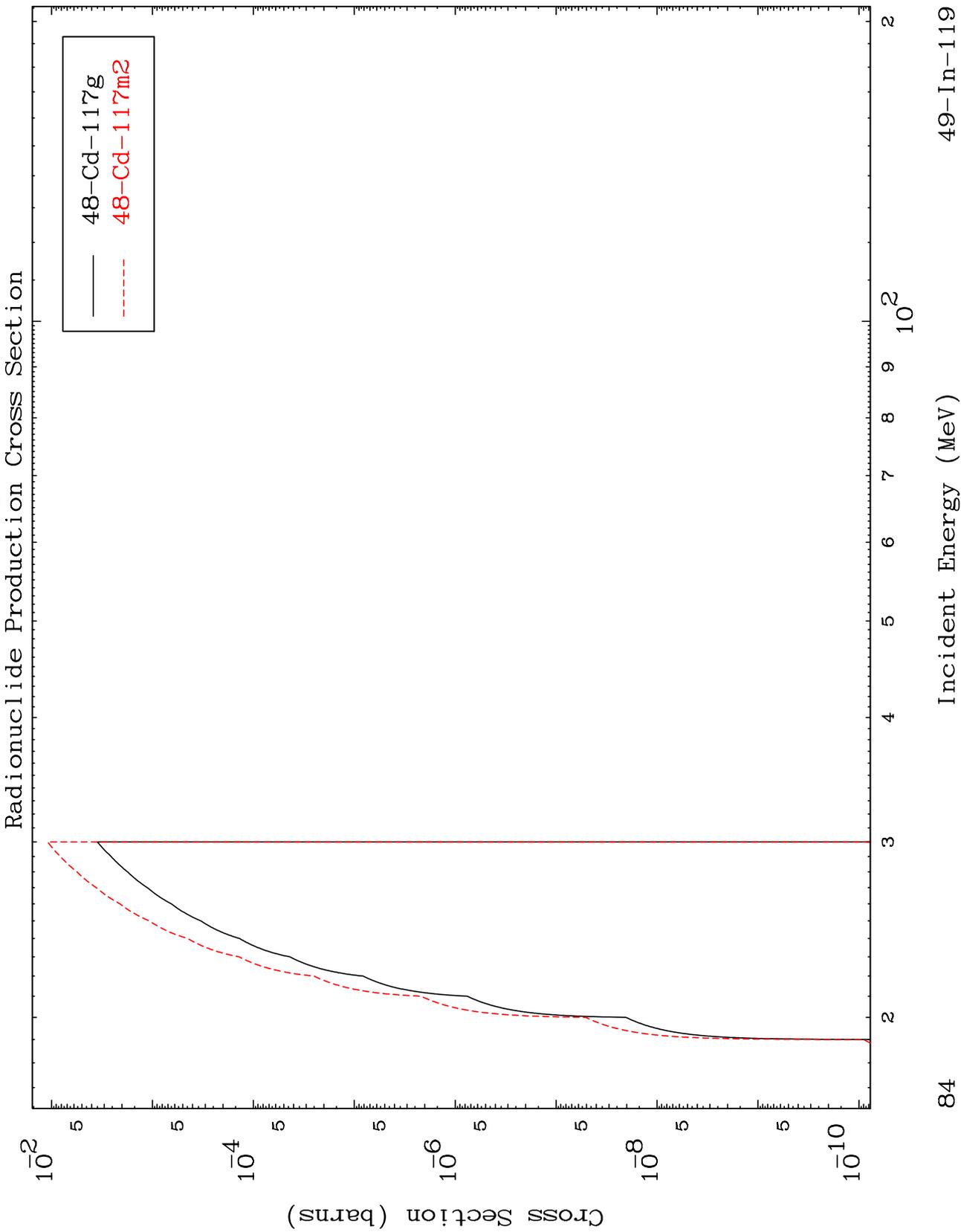
Incident Energy (MeV)

49-In-119

MAT 4943

(n,2n) p

49-In-119



84

Incident Energy (MeV)

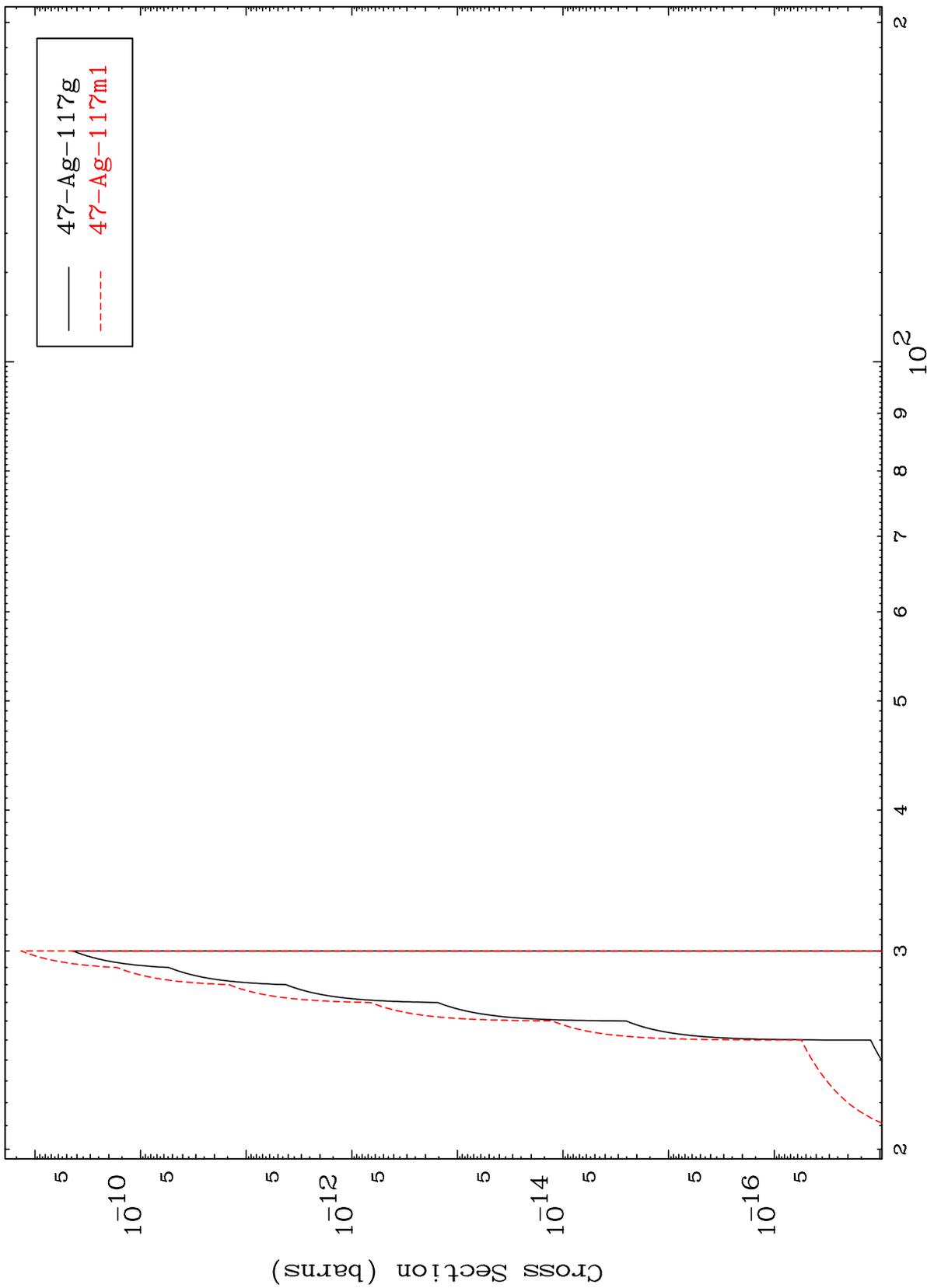
49-In-119

MAT 4943

(n,2n) p

49-In-119

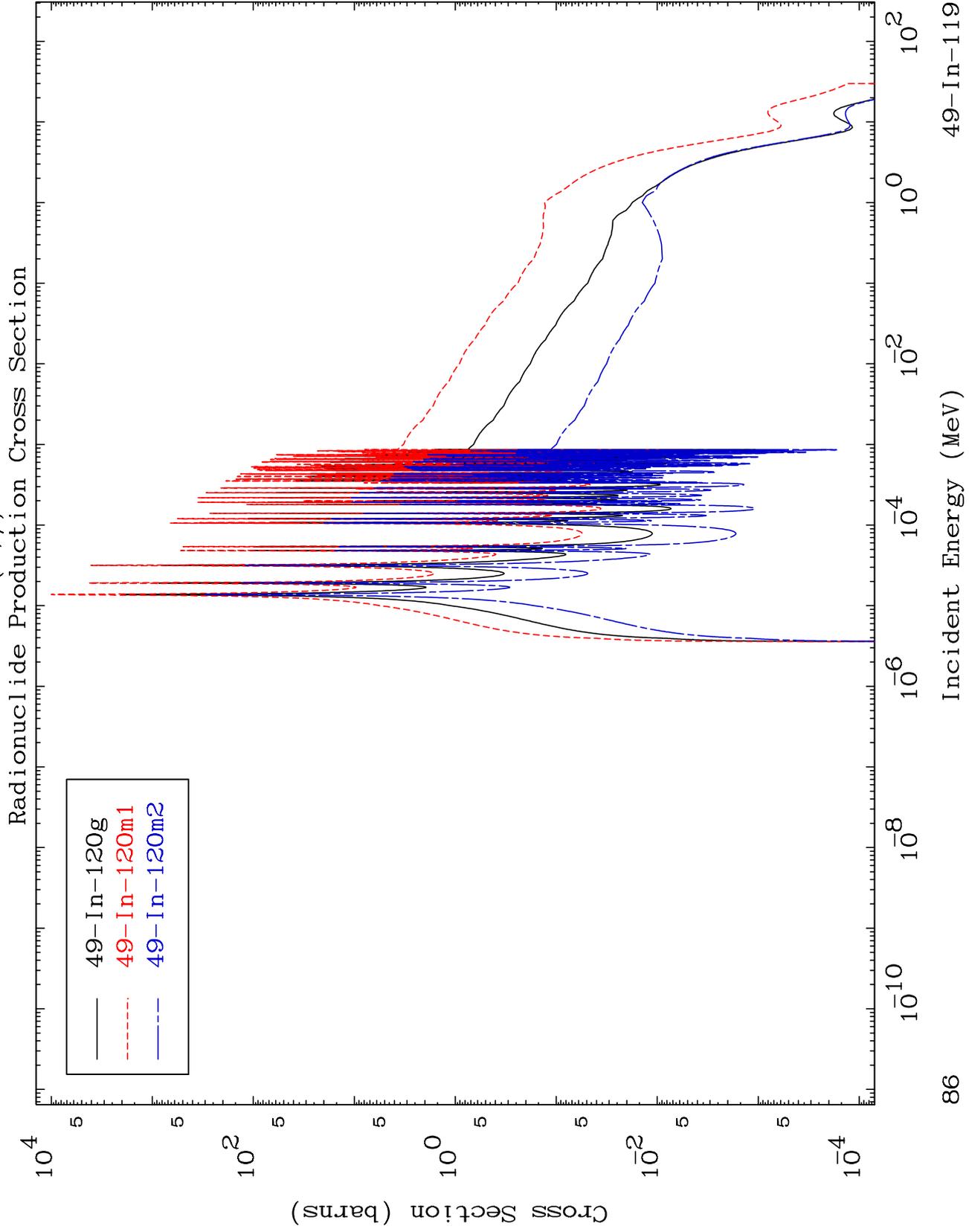
Radionuclide Production Cross Section



85

Incident Energy (MeV)

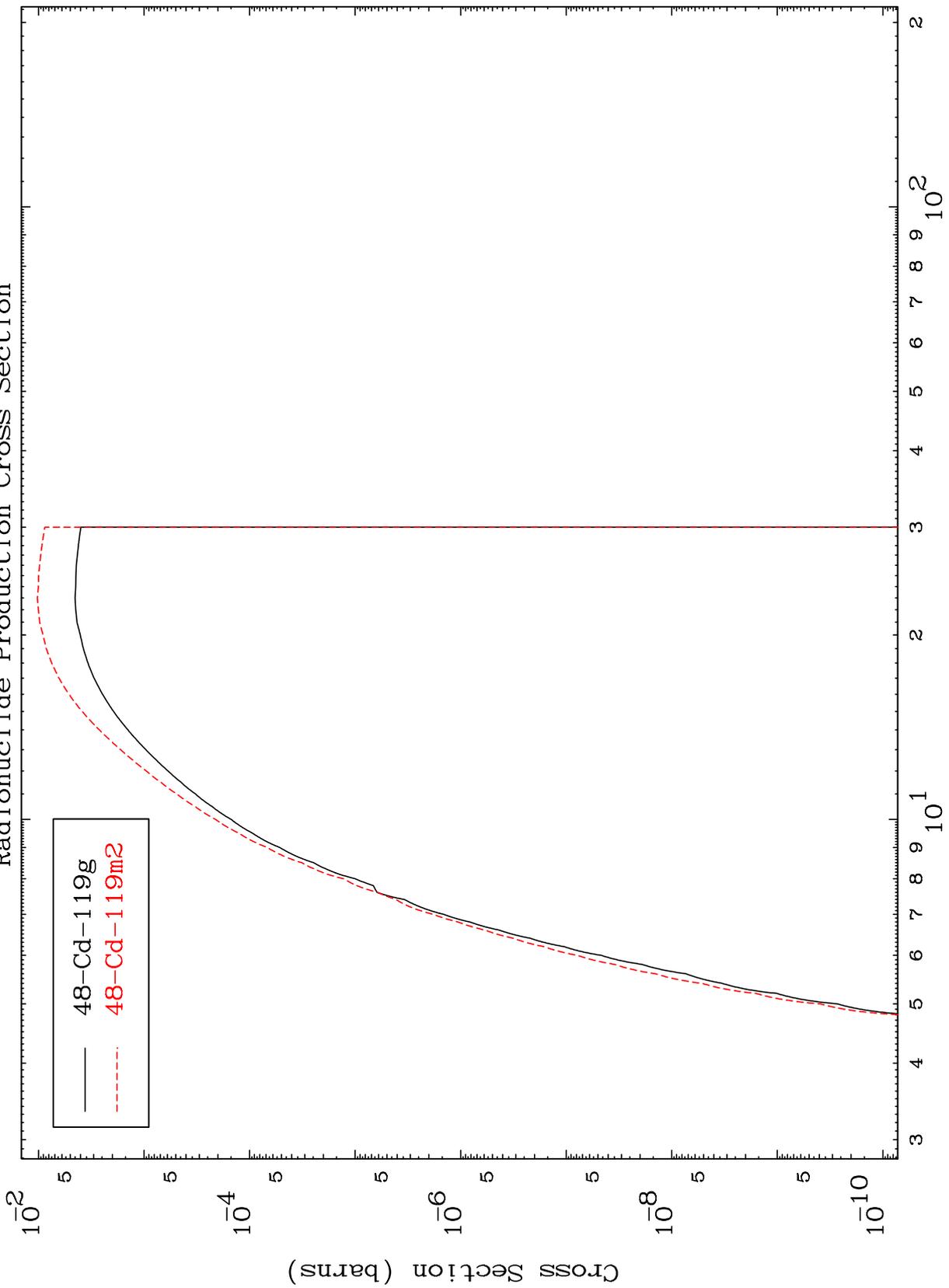
49-In-119



MAT 4943

49-In-119

(n,p)
Radionuclide Production Cross Section



87

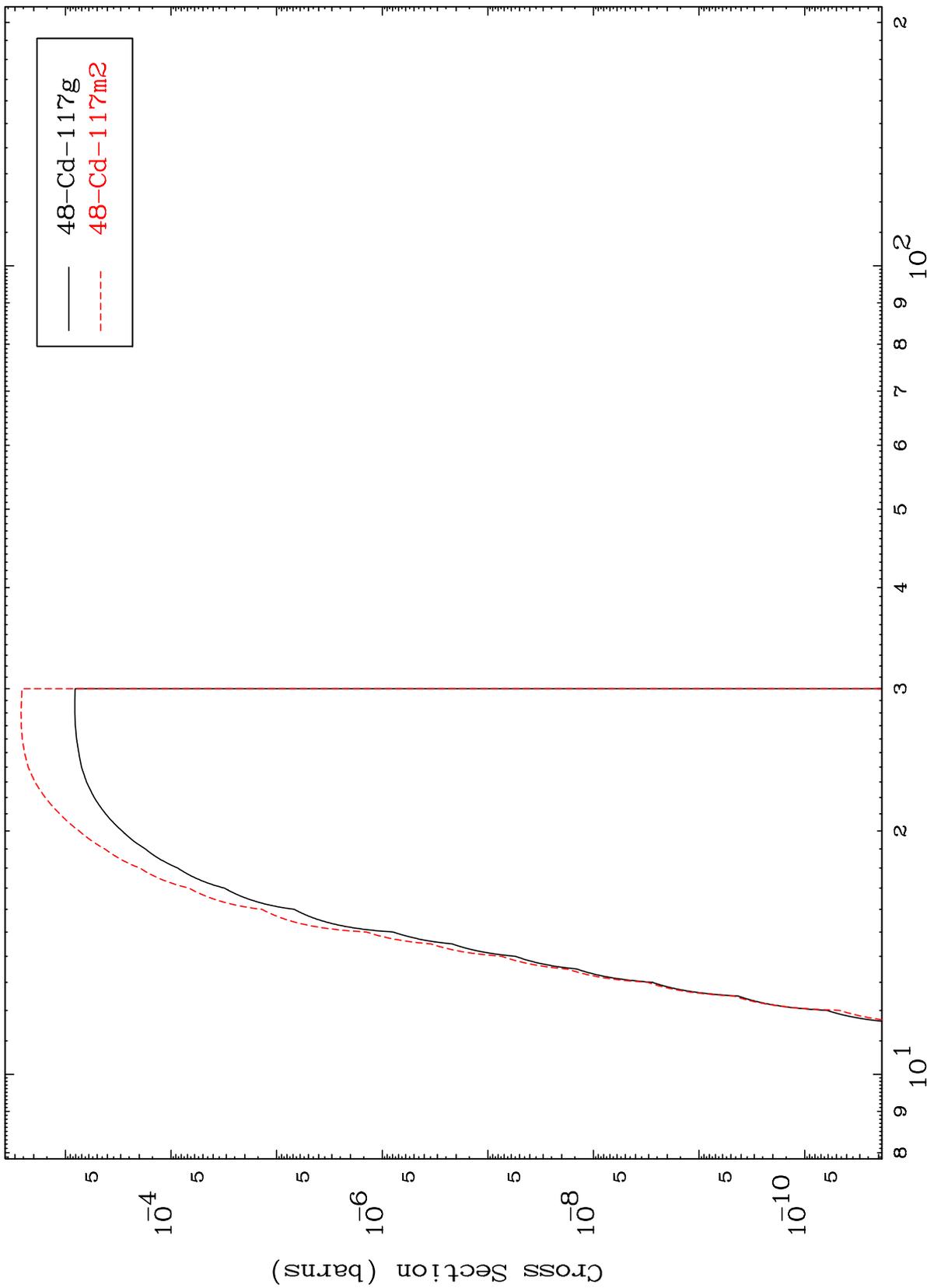
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

(n, t)
Radionuclide Production Cross Section



88

Incident Energy (MeV)

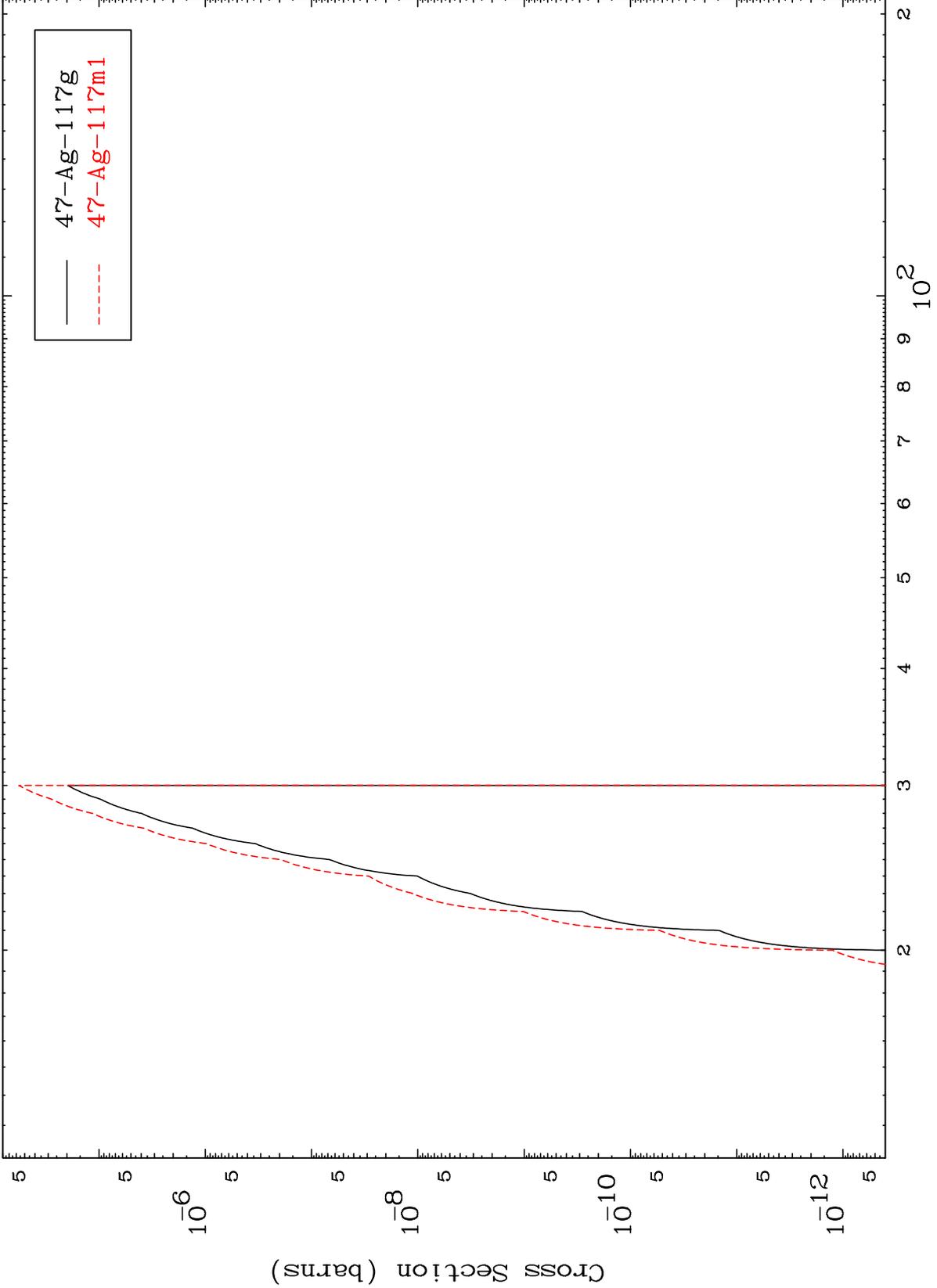
49-In-119

MAT 4943

(n,He-3)

49-In-119

Radionuclide Production Cross Section



89

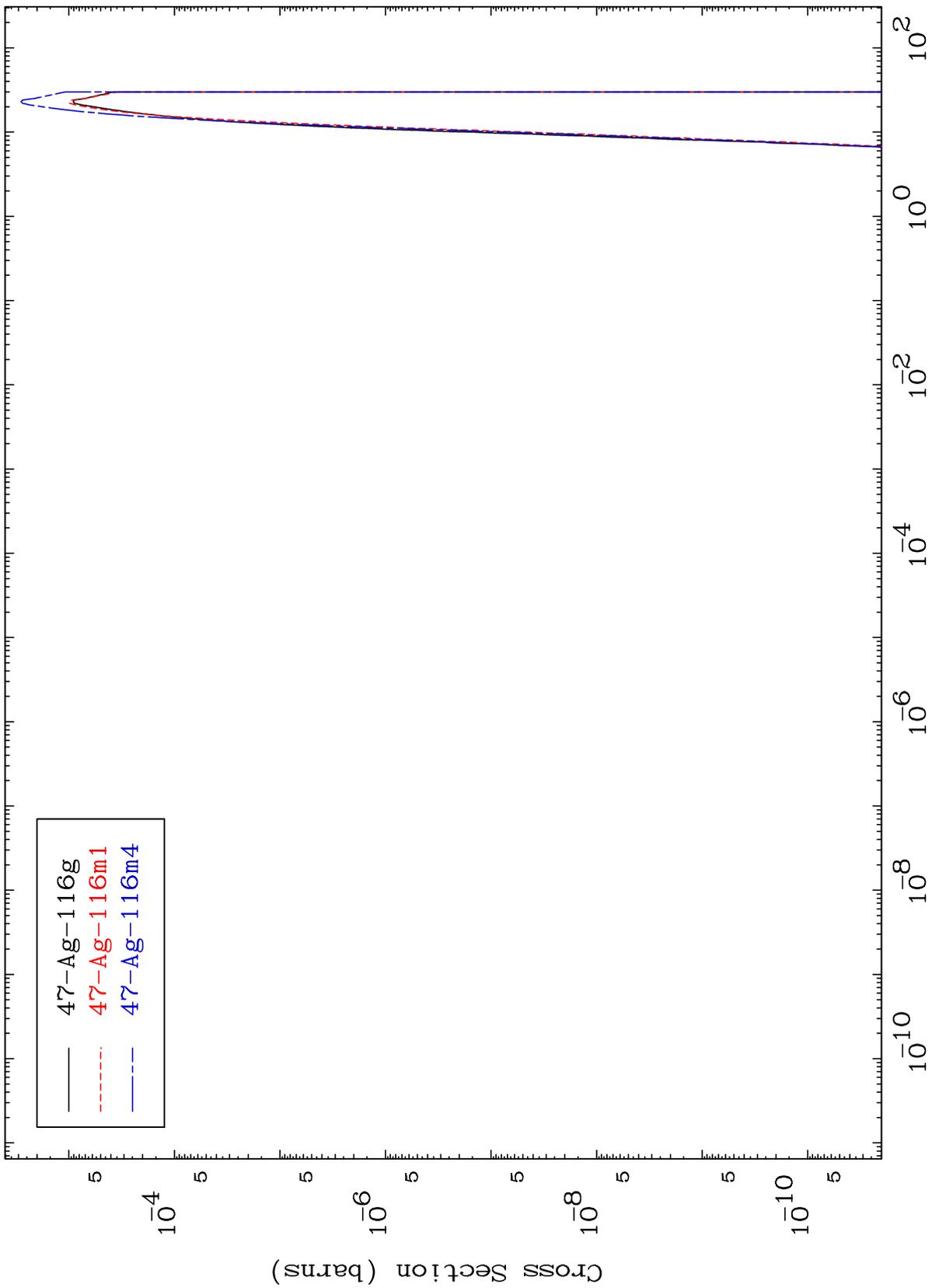
Incident Energy (MeV)

49-In-119

MAT 4943

49-In-119

(n, α)
Radionuclide Production Cross Section



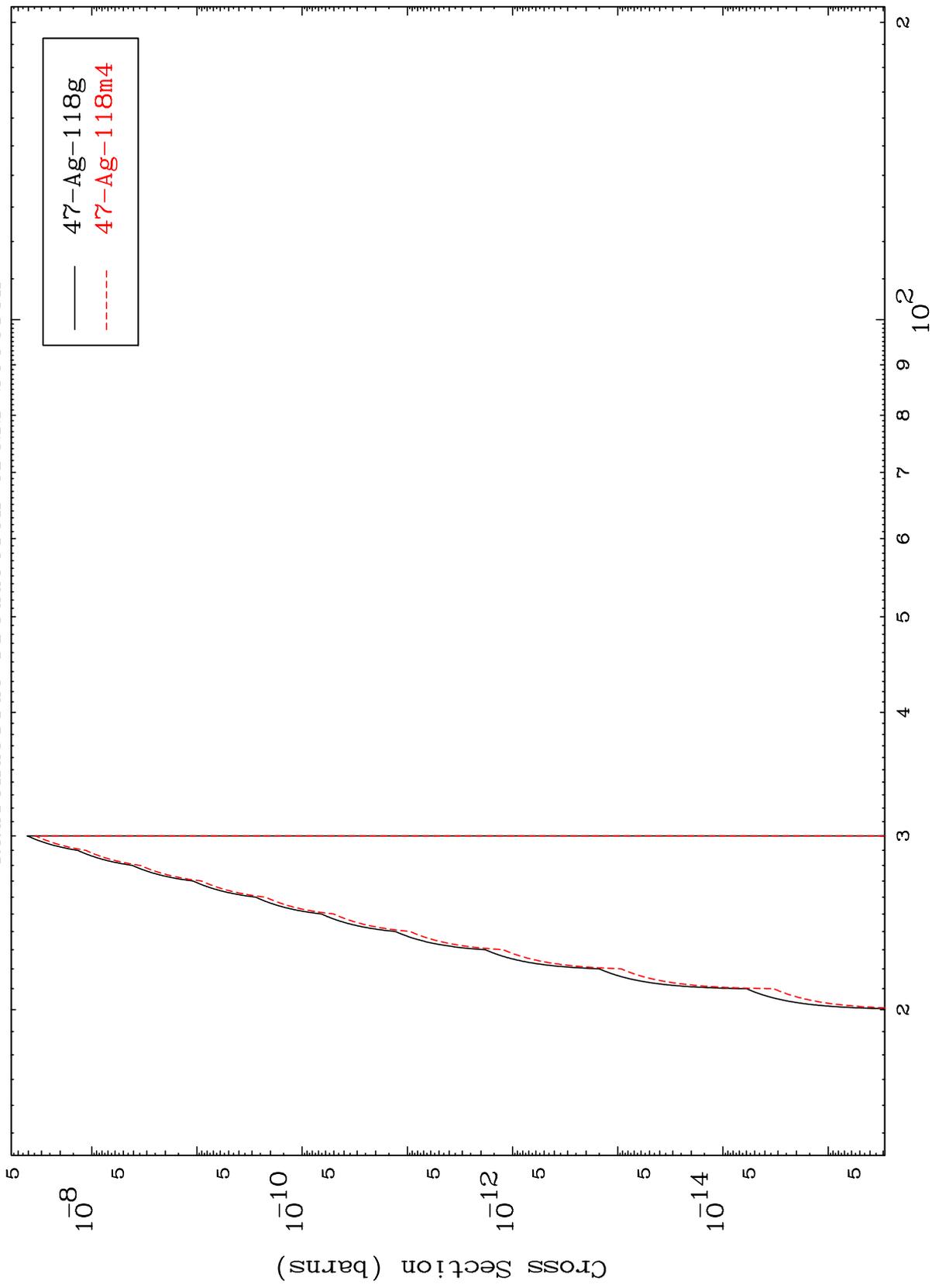
90

49-In-119

MAT 4943

49-In-119

(n,2p)
Radionuclide Production Cross Section



91

Incident Energy (MeV)

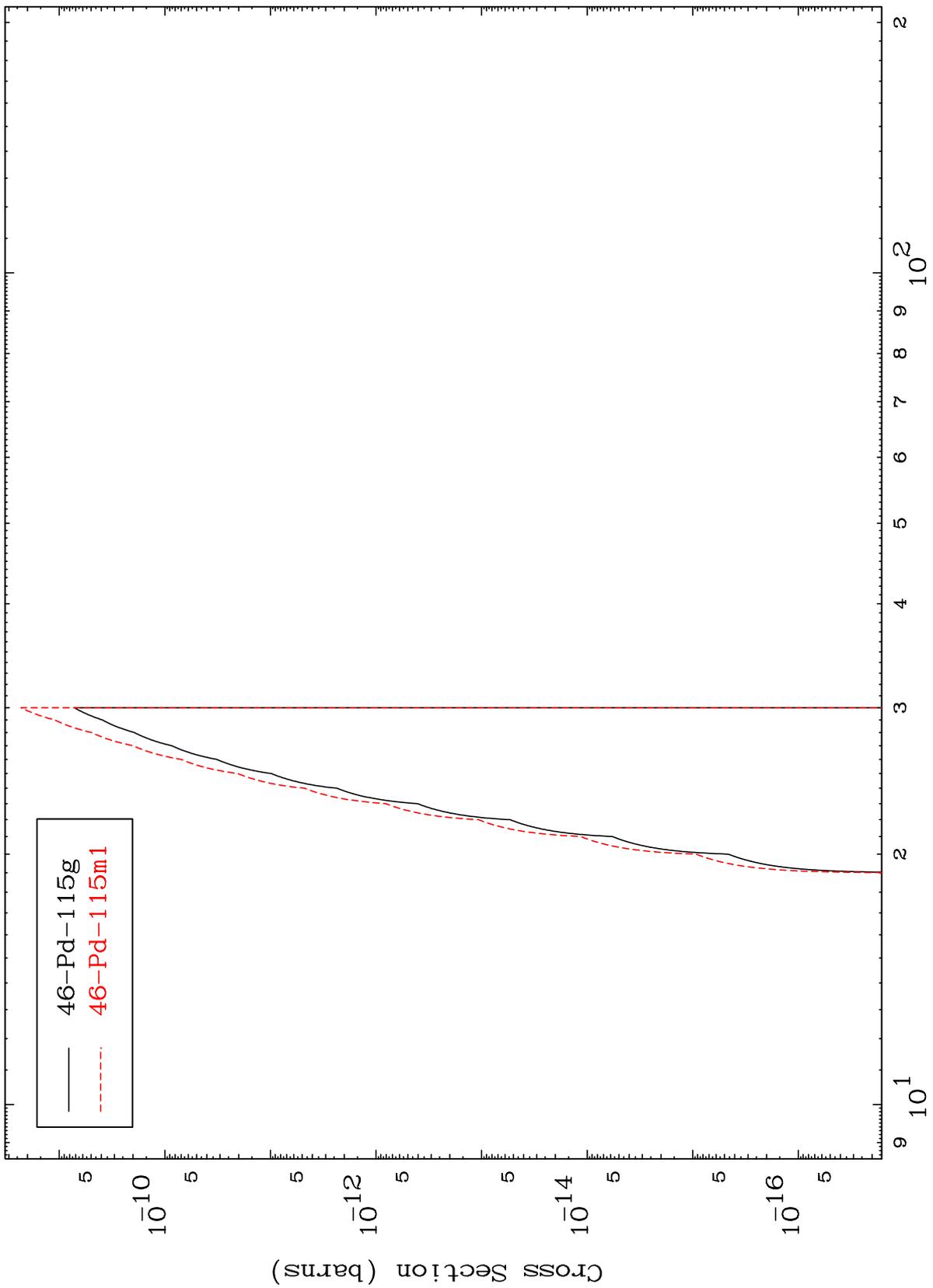
49-In-119

MAT 4943

(n,p) α

49-In-119

Radionuclide Production Cross Section



92

Incident Energy (MeV)

49-In-119