

Program EVALPLOT
(Version 2021-1)

by

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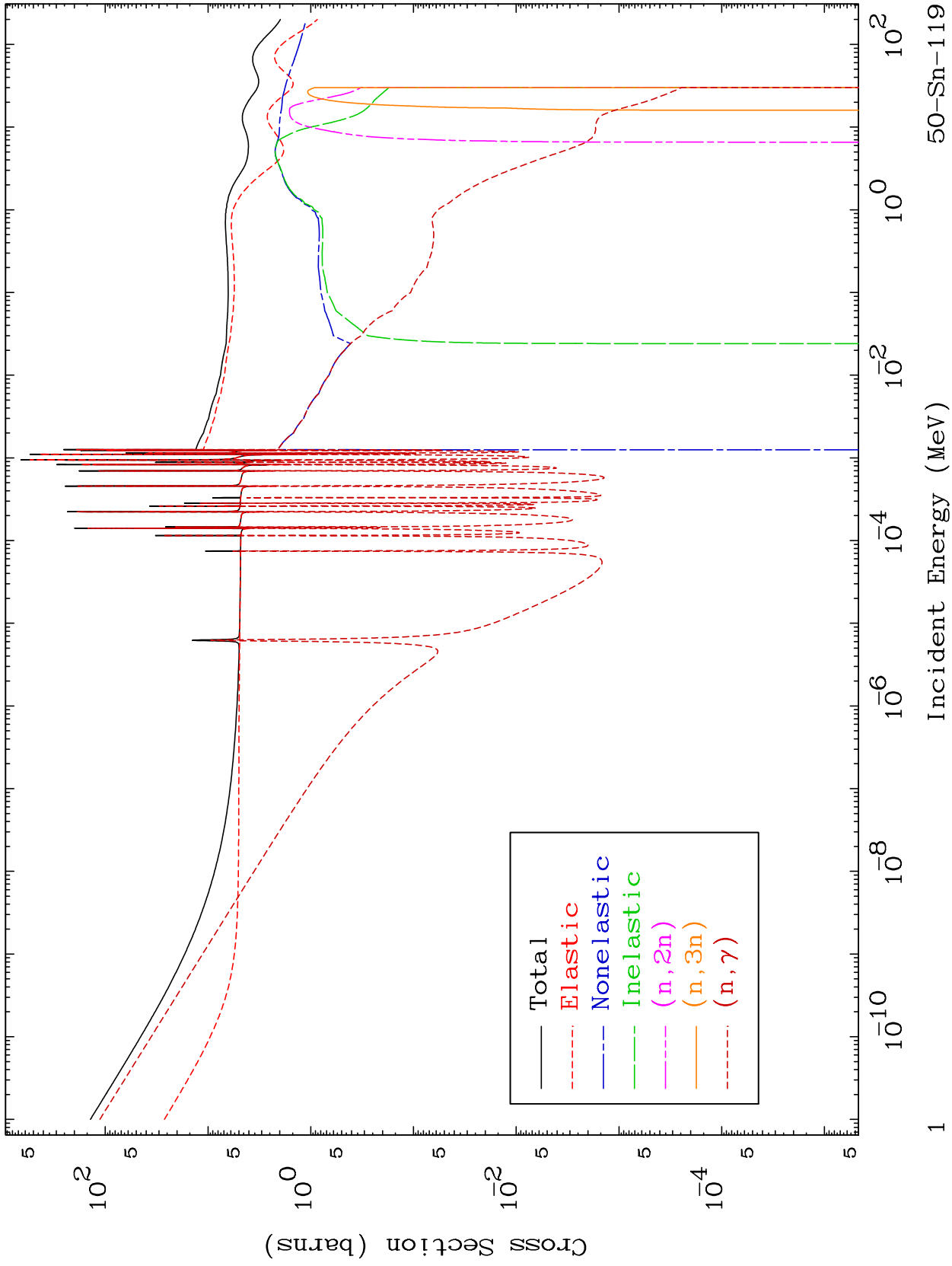
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5046

Neutron Major
293 Kelvin Cross Sections

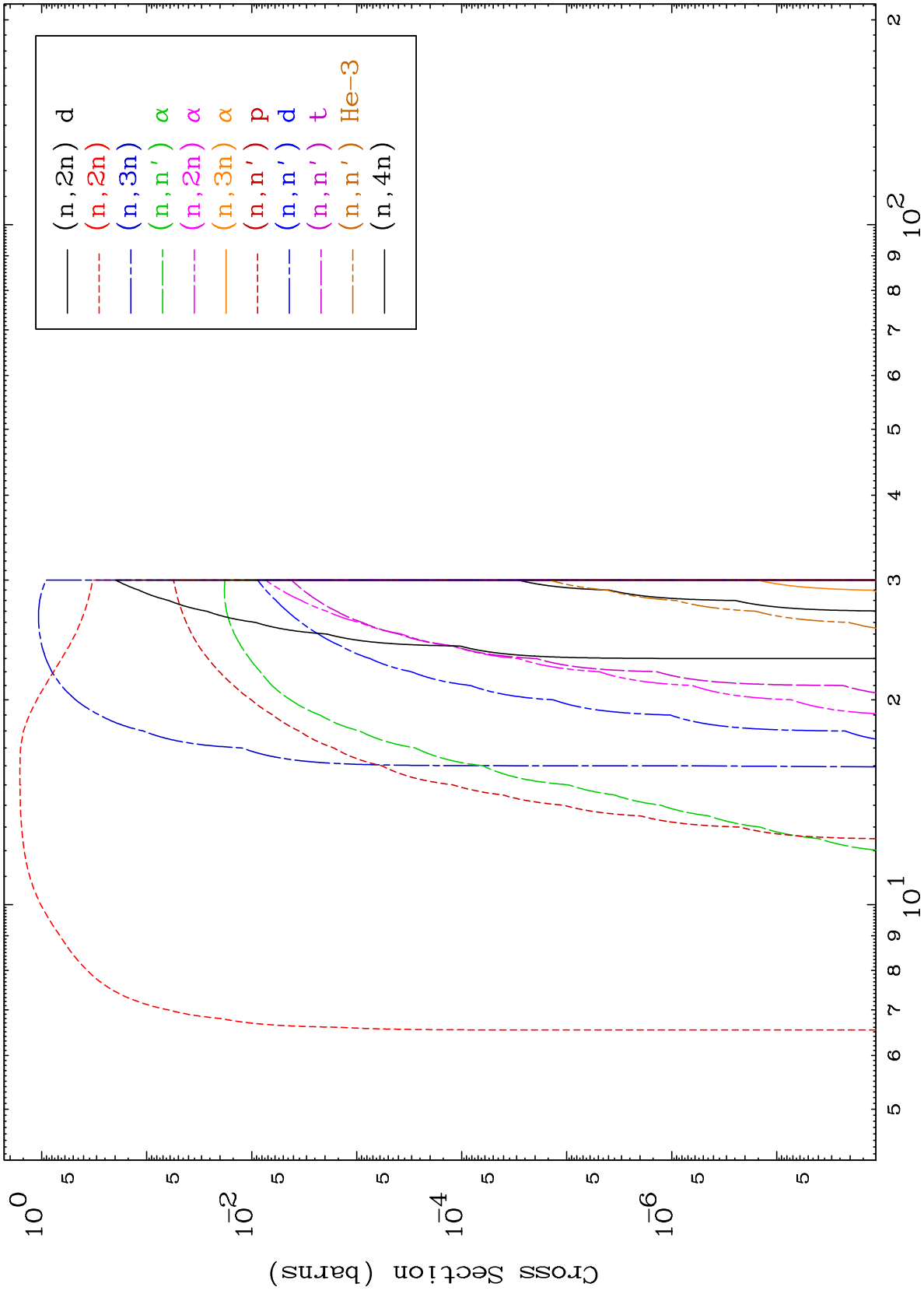
50-Sn-119



MAT 5046

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-119



2

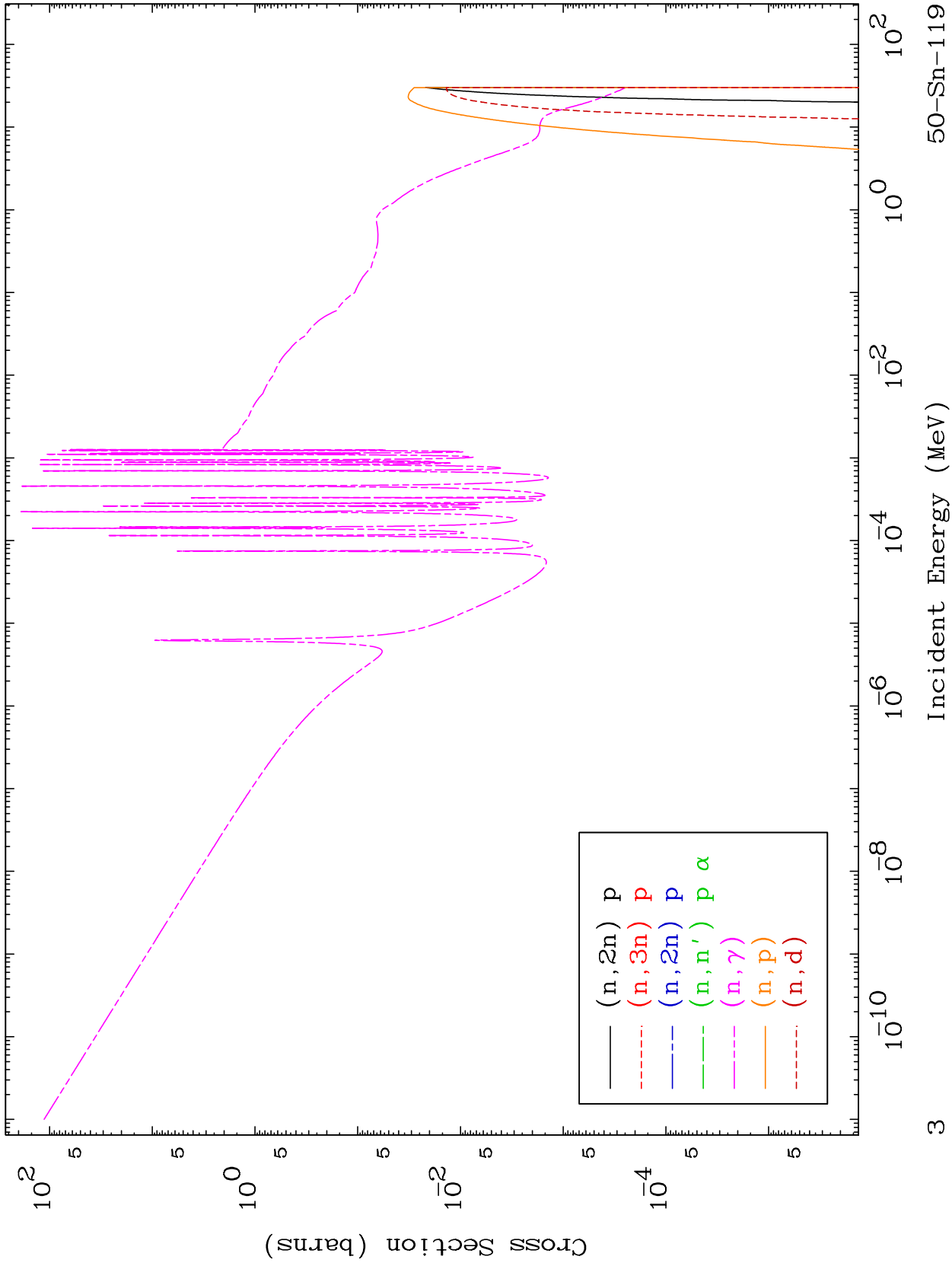
Incident Energy (MeV)

50-Sn-119

MAT 5046

Neutron Absorption
293 Kelvin Cross Sections

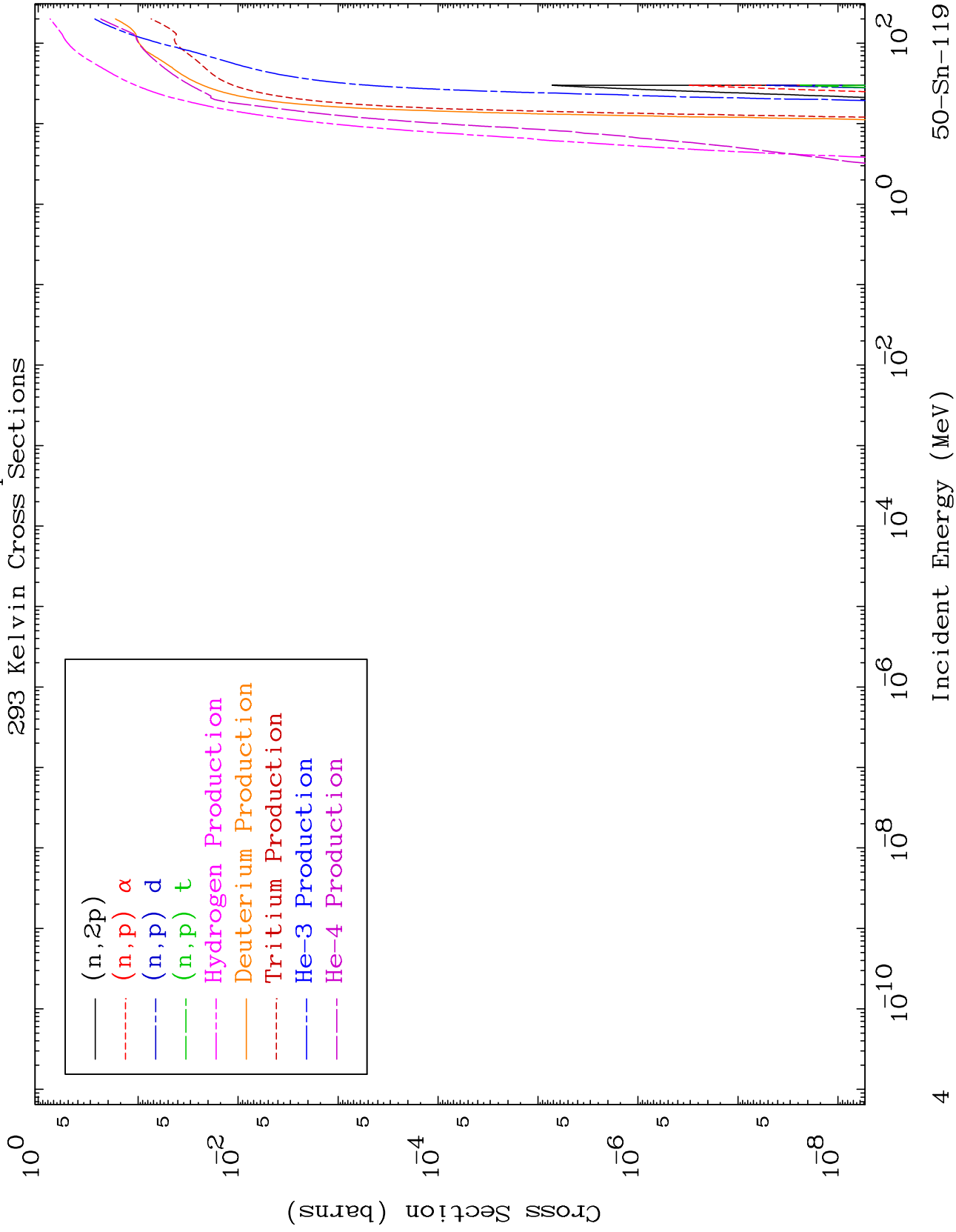
50-Sn-119

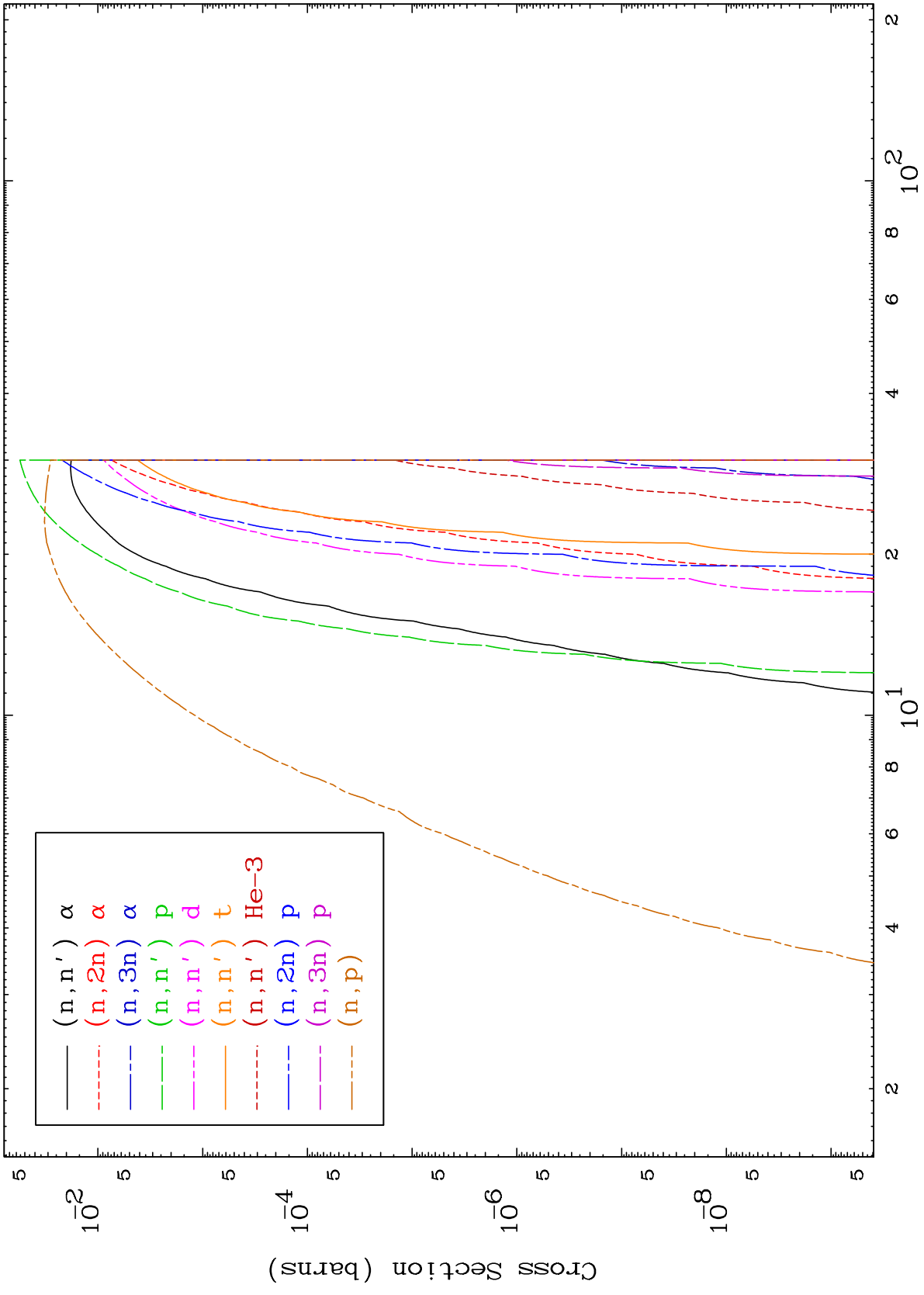


MAT 5046

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-119

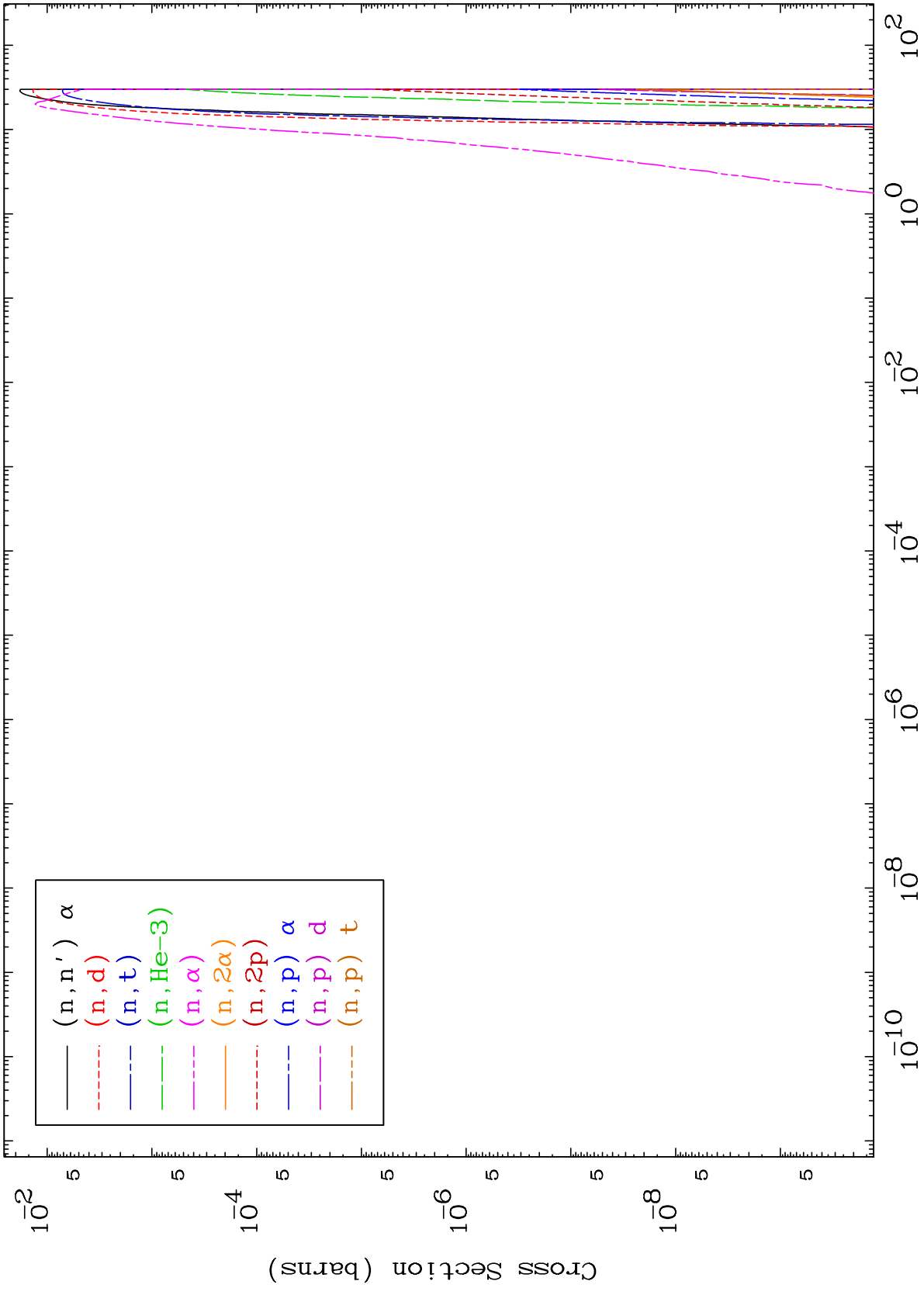




MAT 5046

293 Kelvin Cross Sections

50-Sn-119

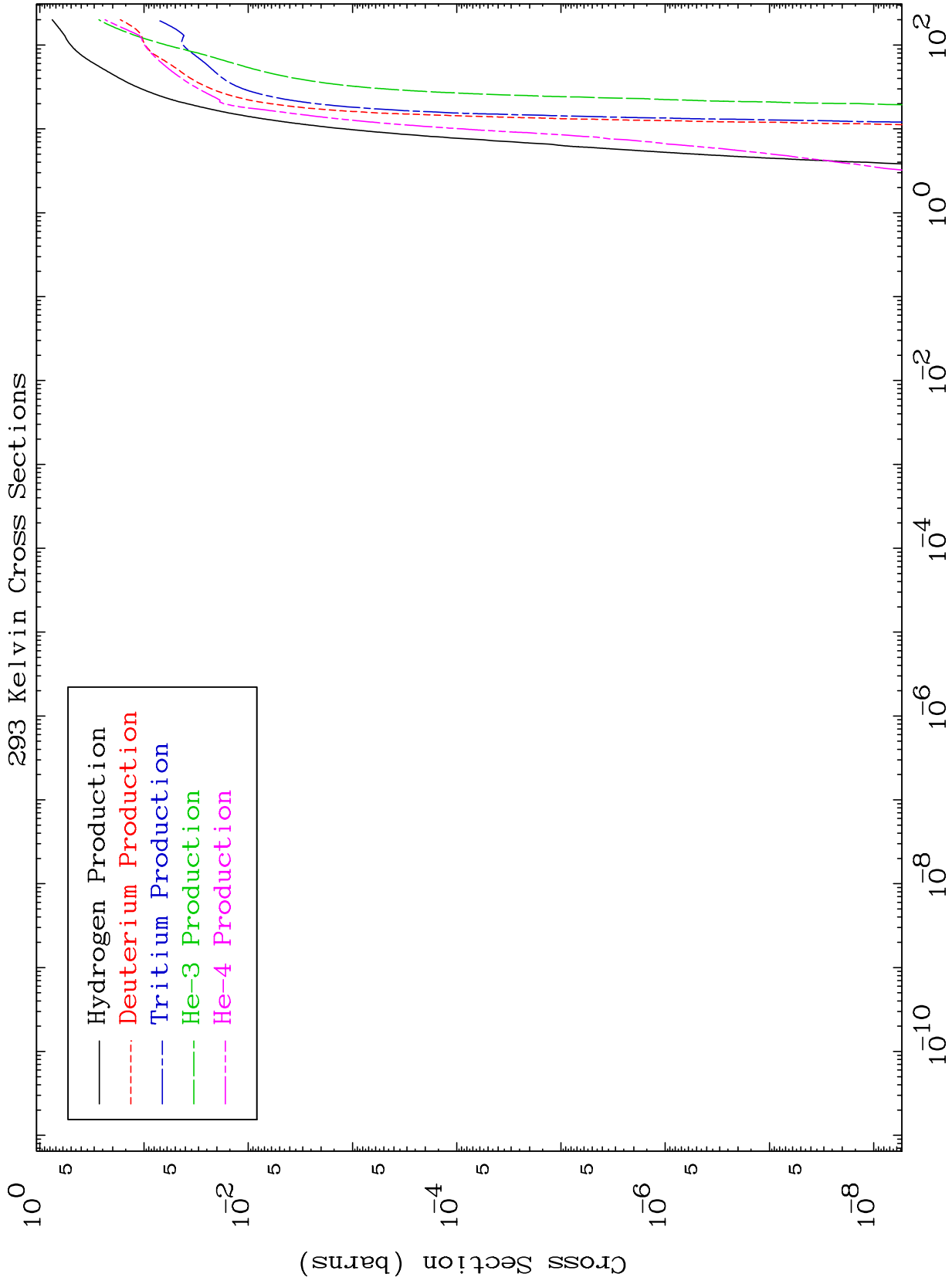


50-Sn-119

MAT 5046

Particle Production
293 Kelvin Cross Sections

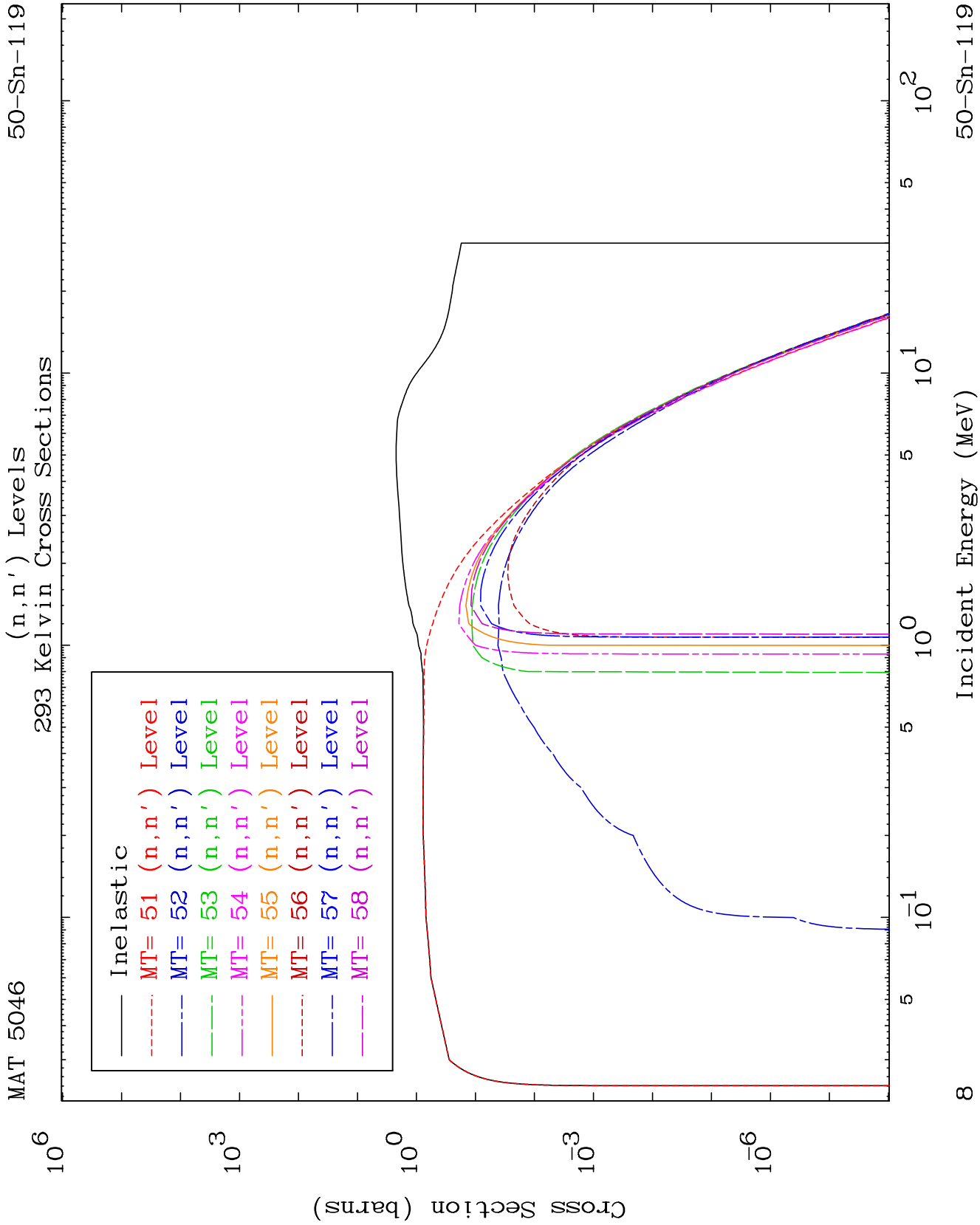
50-Sn-119



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Incident Energy (MeV)

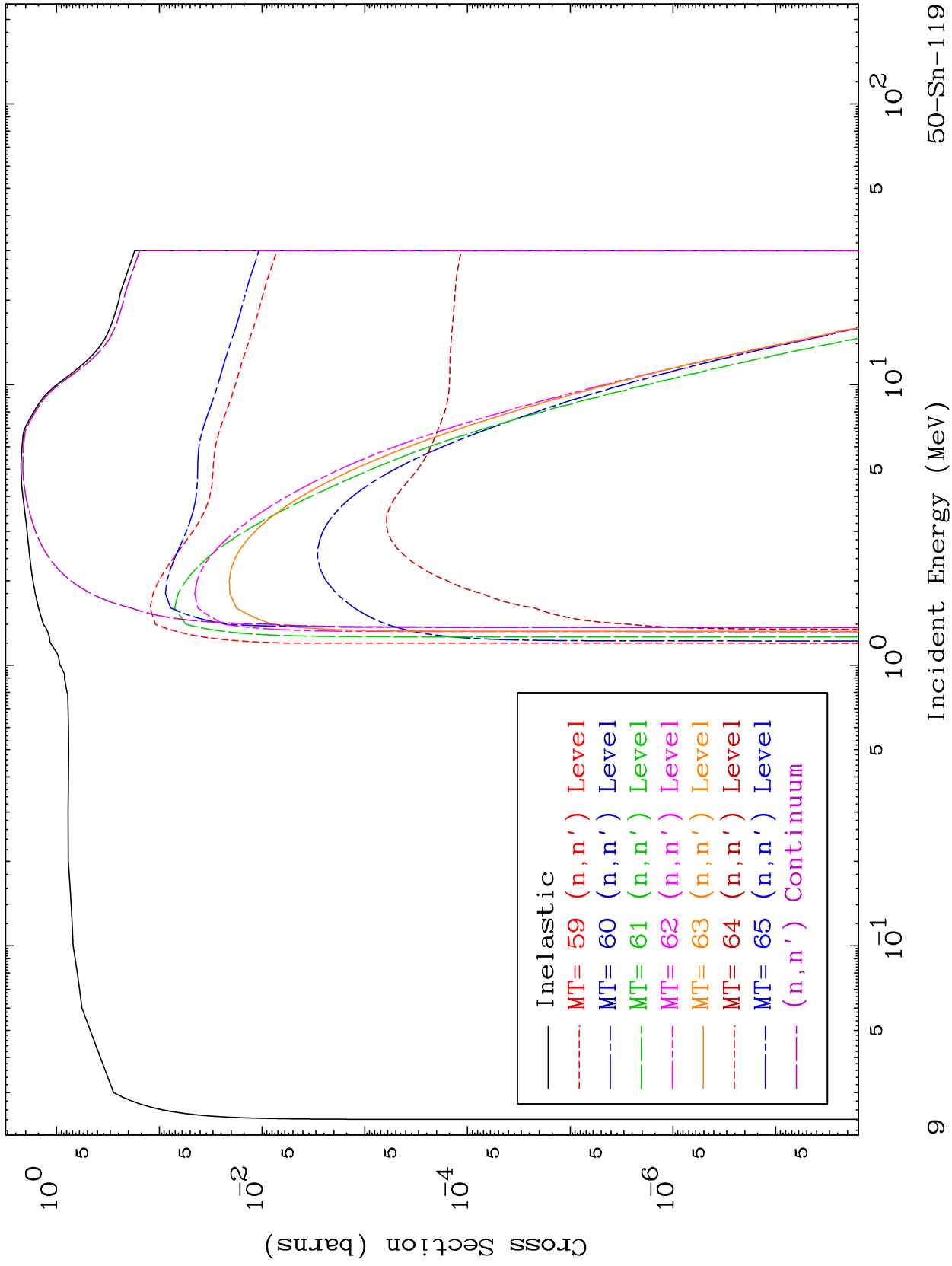
50-Sn-119



MAT 5046

293 Kelvin Cross Sections
(n,n') Levels

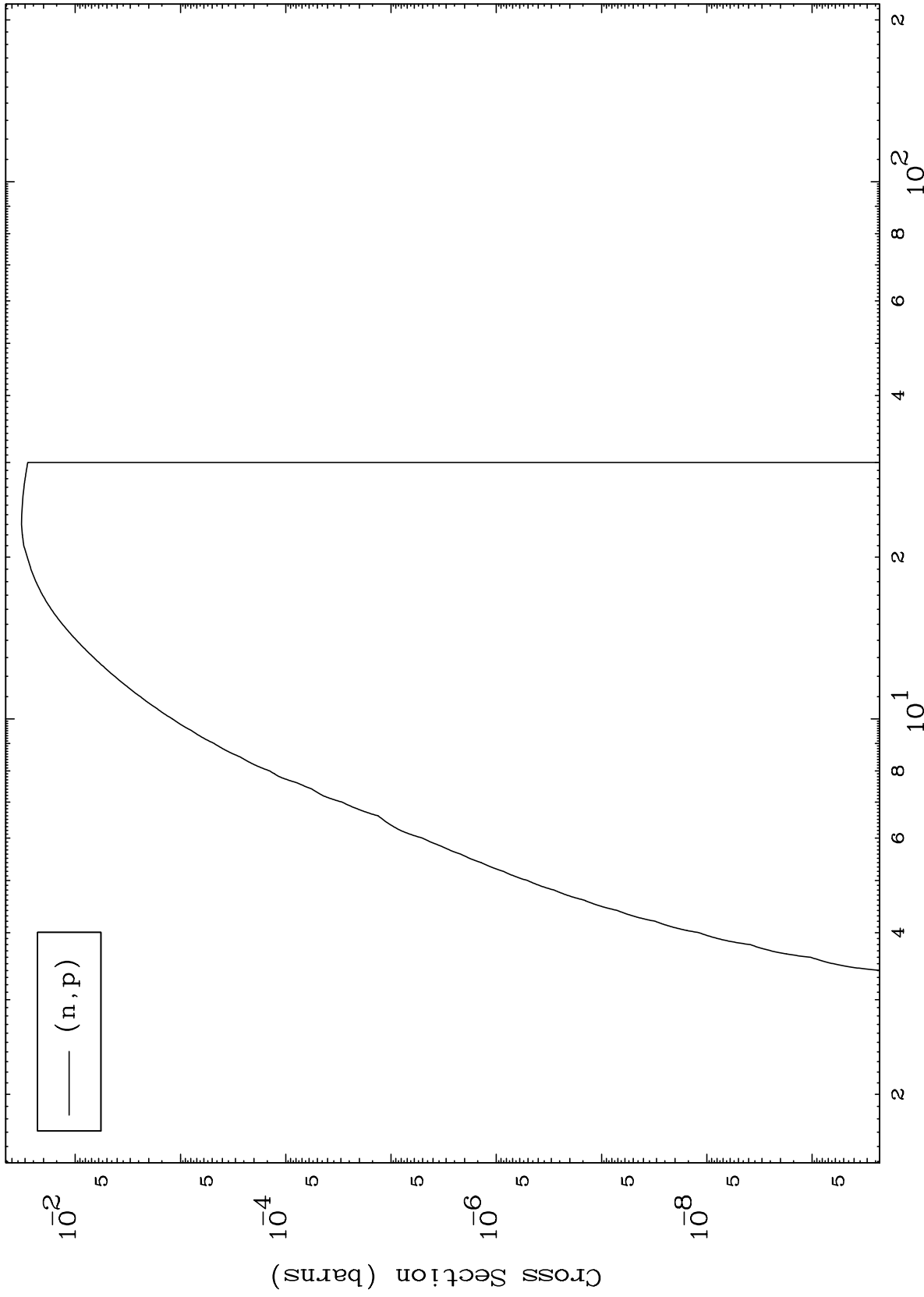
50-Sn-119



MAT 5046

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-119



10

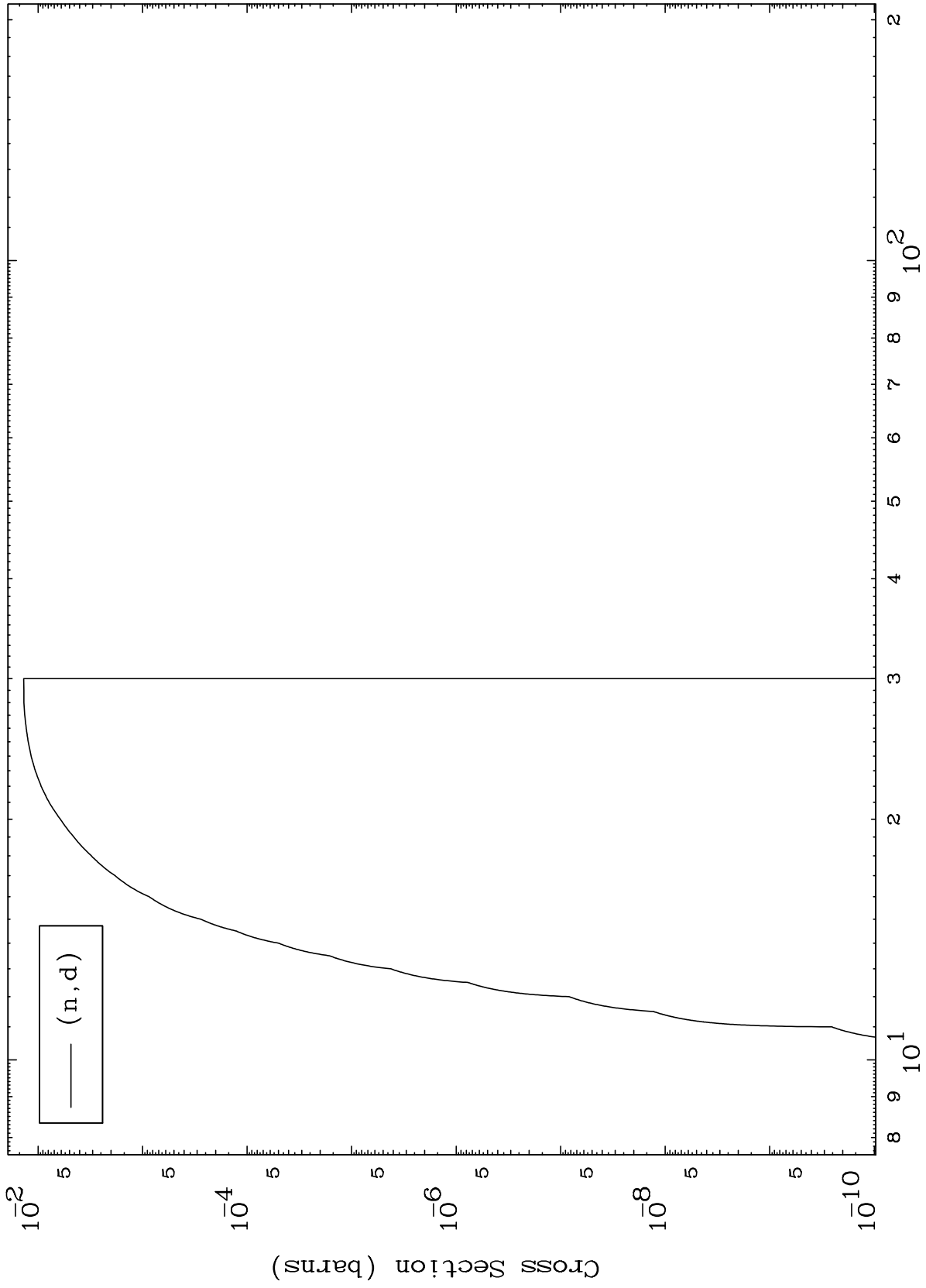
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-119



11

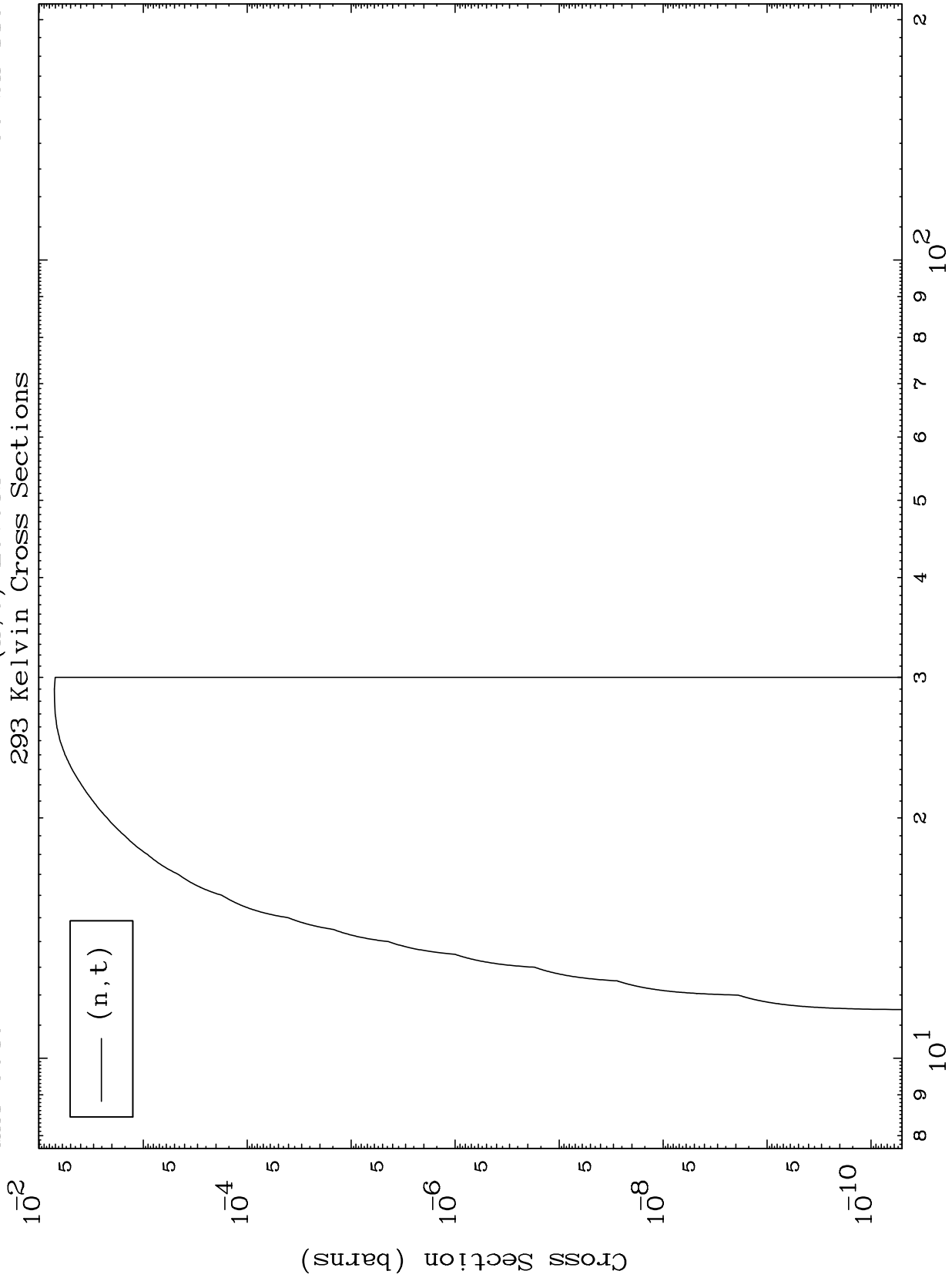
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-119



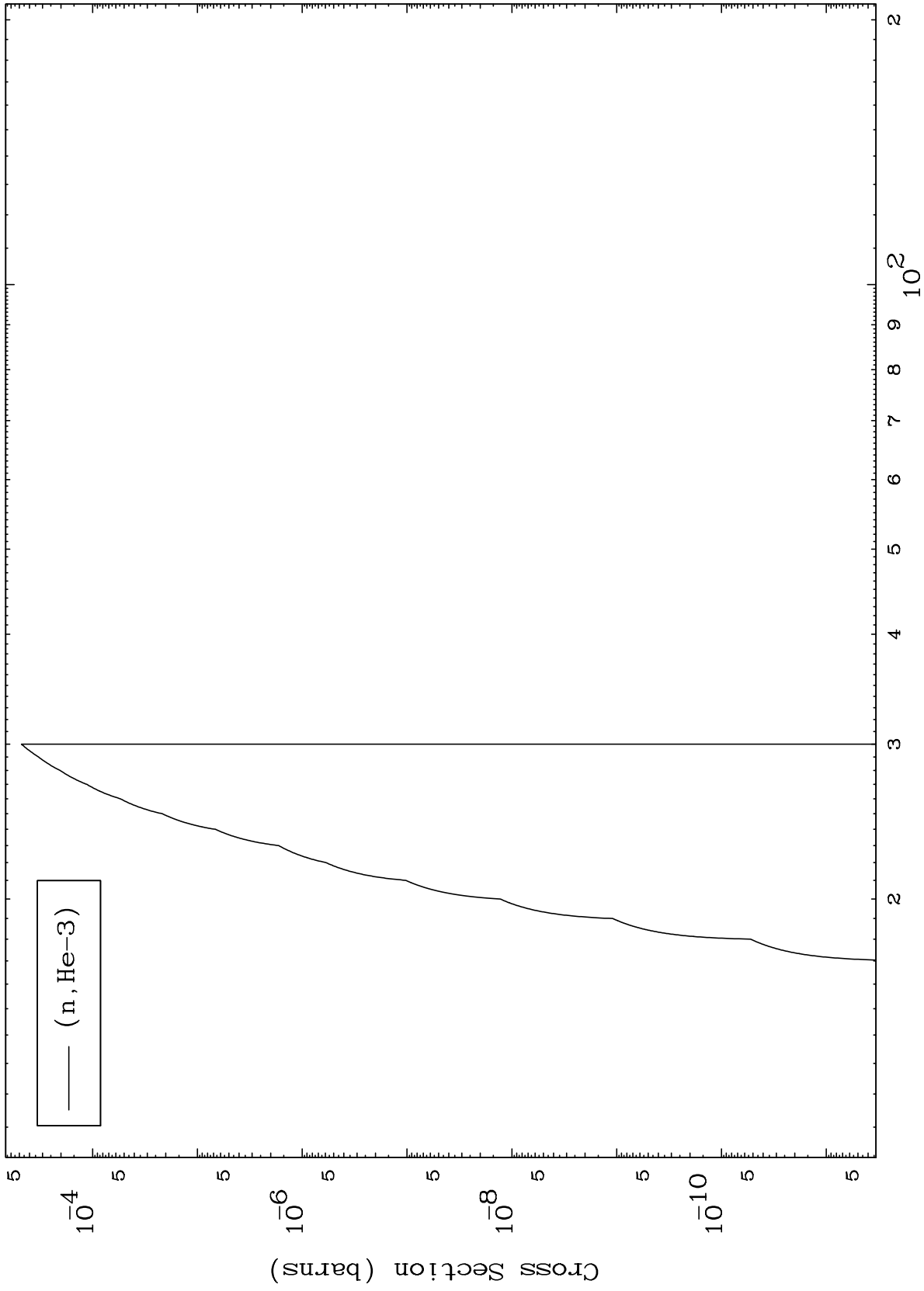
12

50-Sn-119

MAT 5046

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-119



13

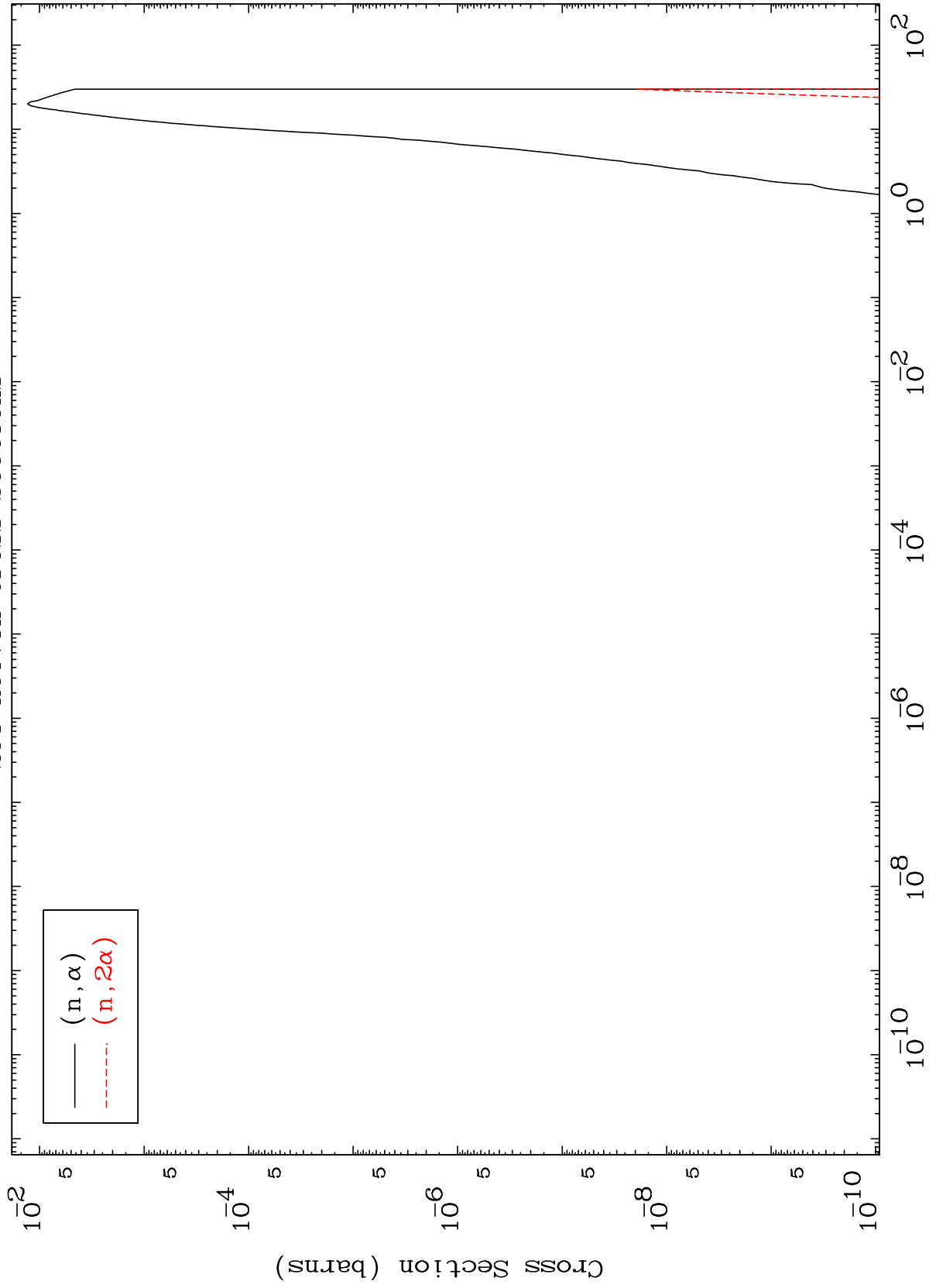
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,α) Levels
293 Kelvin Cross Sections

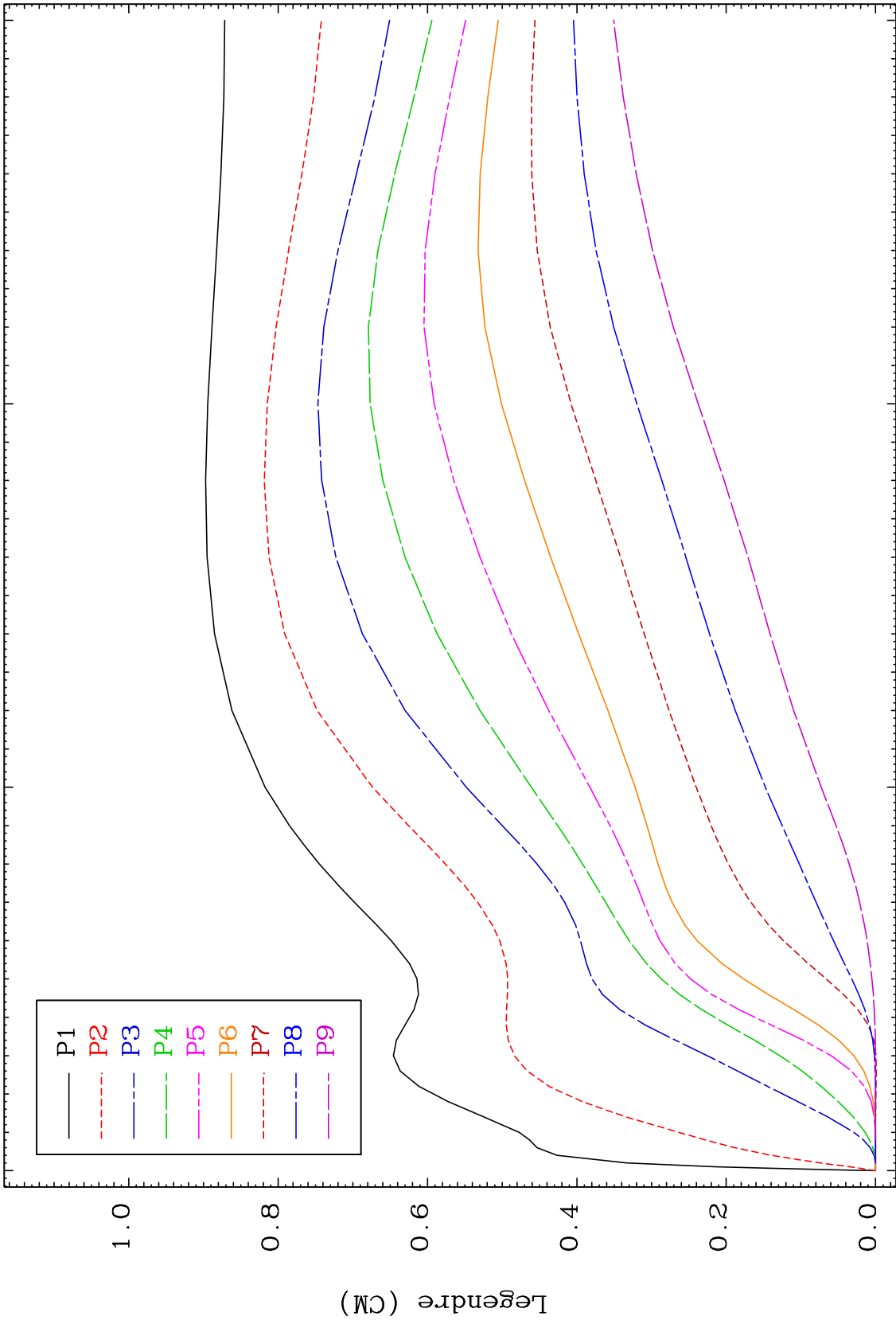
50-Sn-119



MAT 5046

Elastic Legendre Coefficients

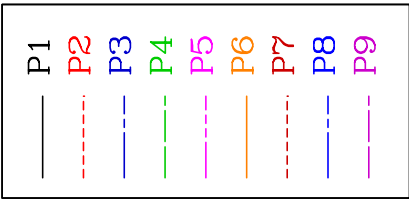
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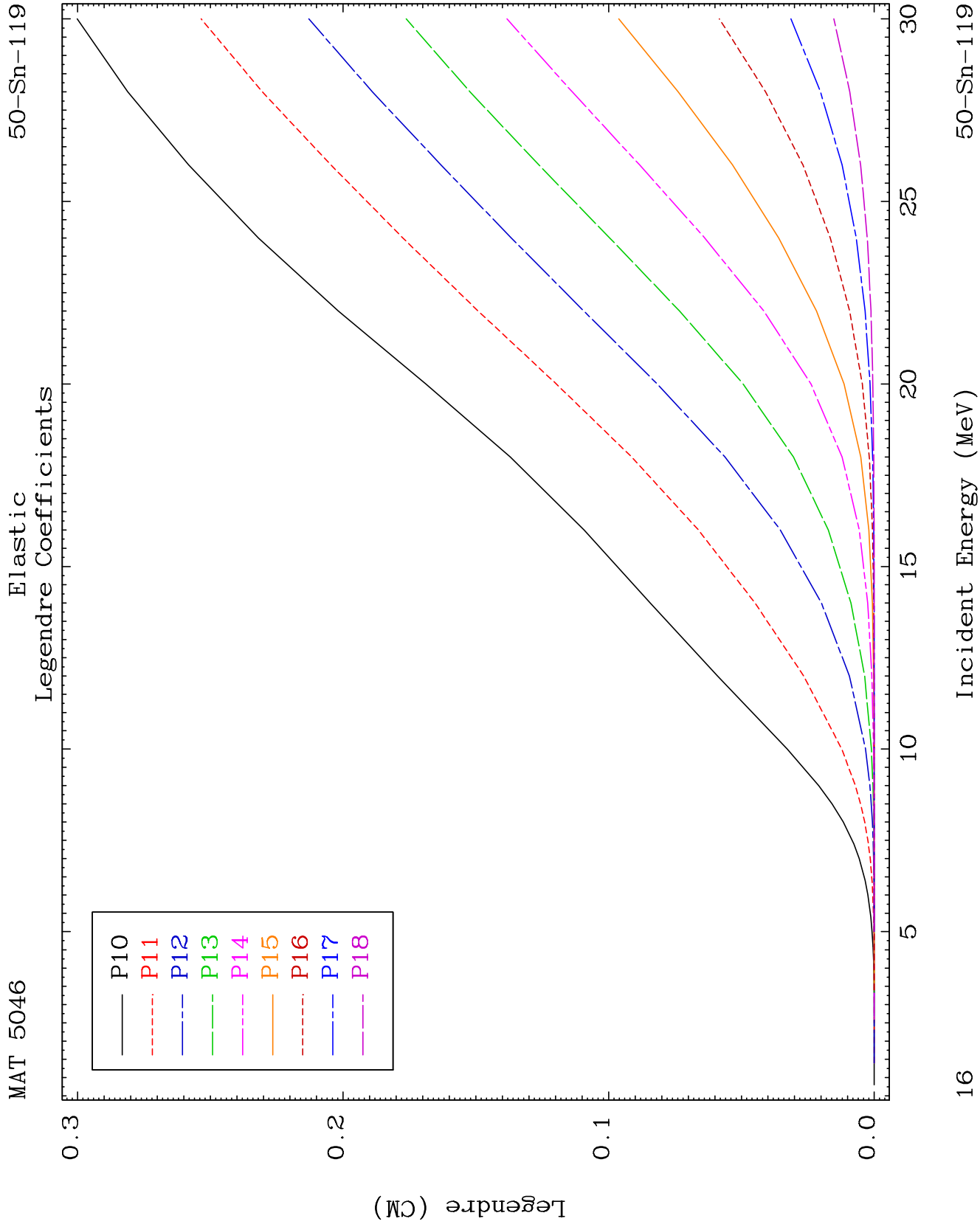


15

Incident Energy (MeV)

50-Sn-119

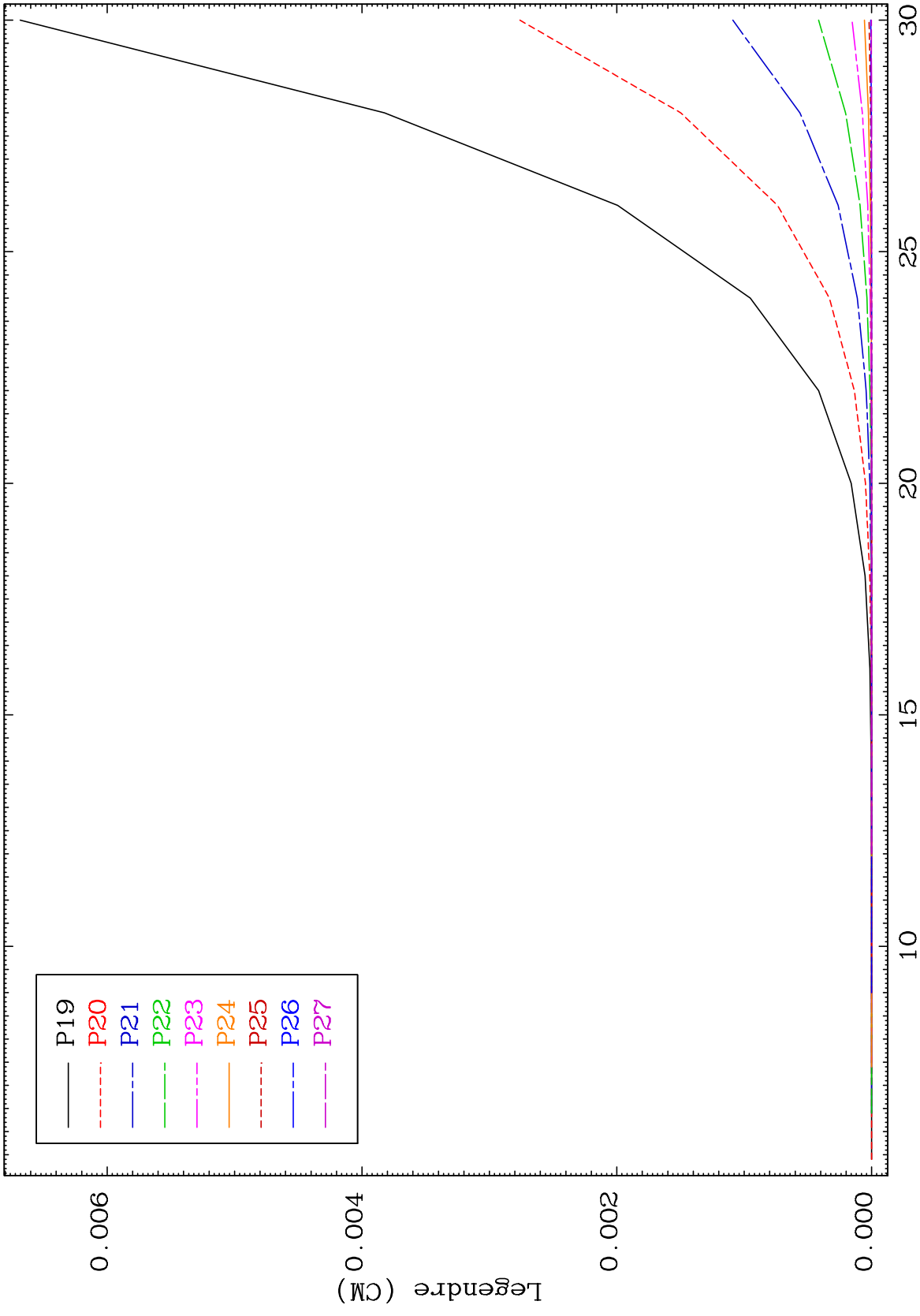




MAT 5046

Elastic Legendre Coefficients

50-Sn-119



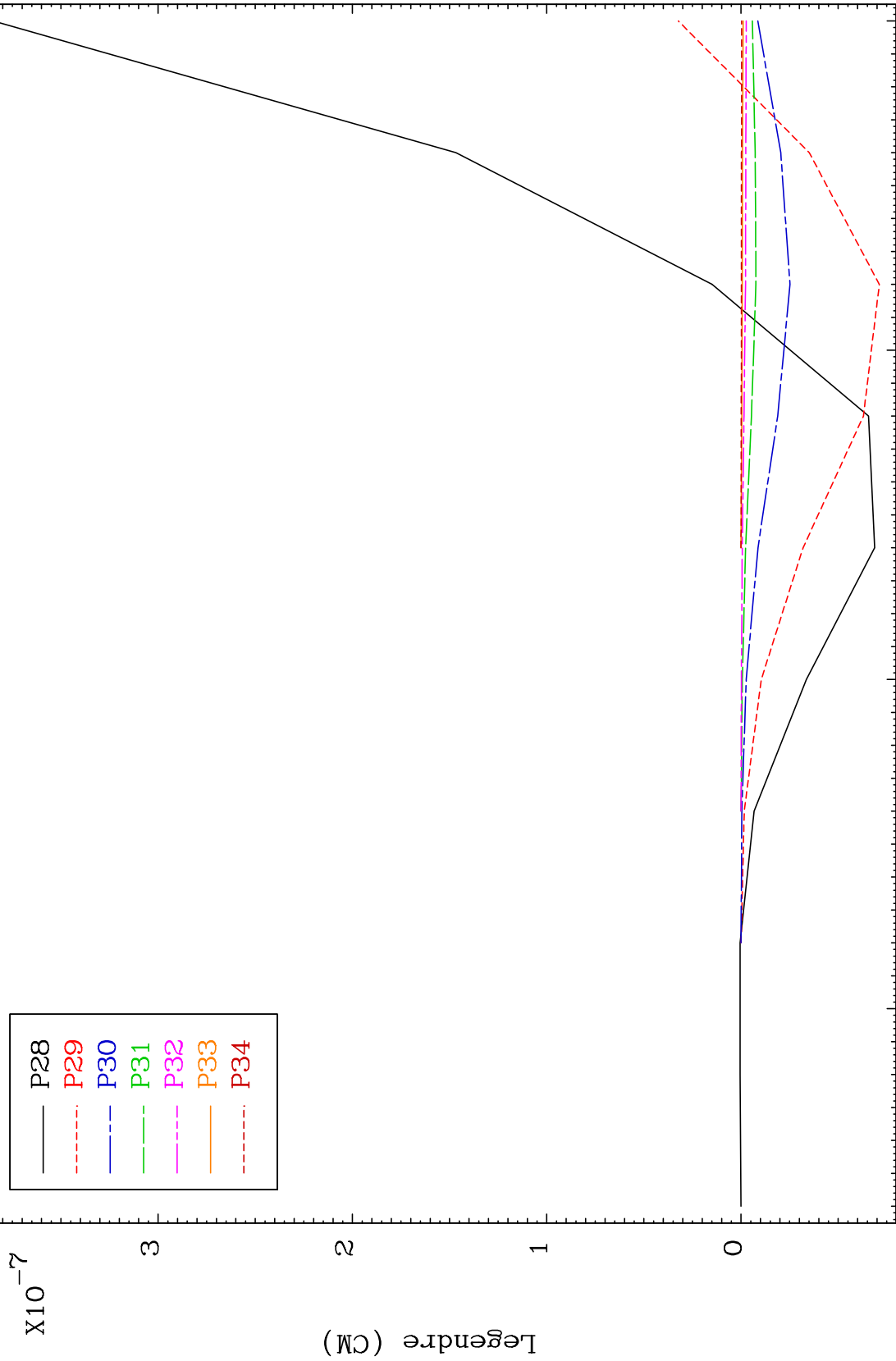
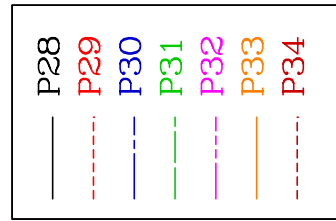
17

50-Sn-119

MAT 5046

Elastic Legendre Coefficients

50-Sn-119

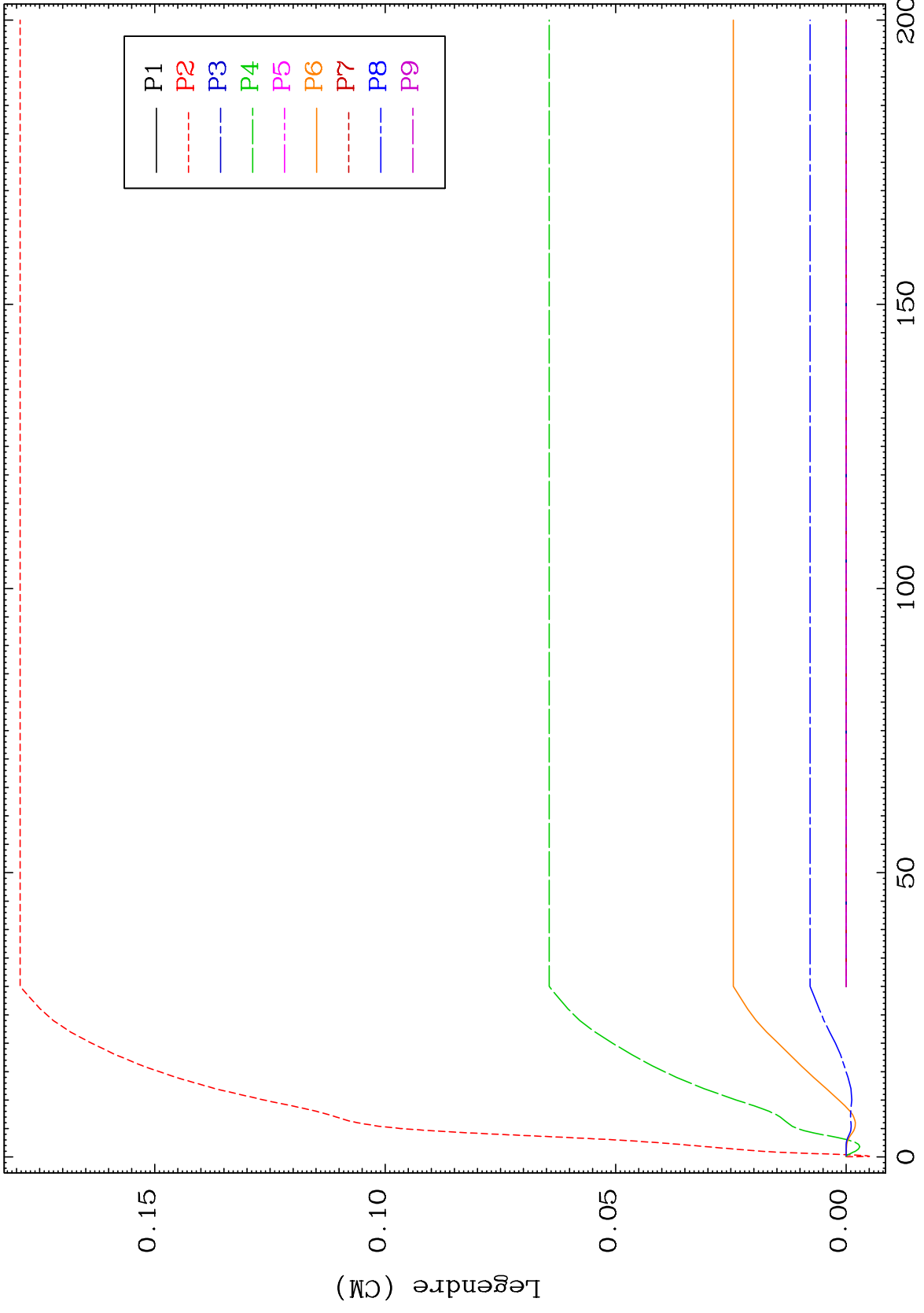


18

Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 51 (n,n') Level Legendre Coefficients 50-Sn-119

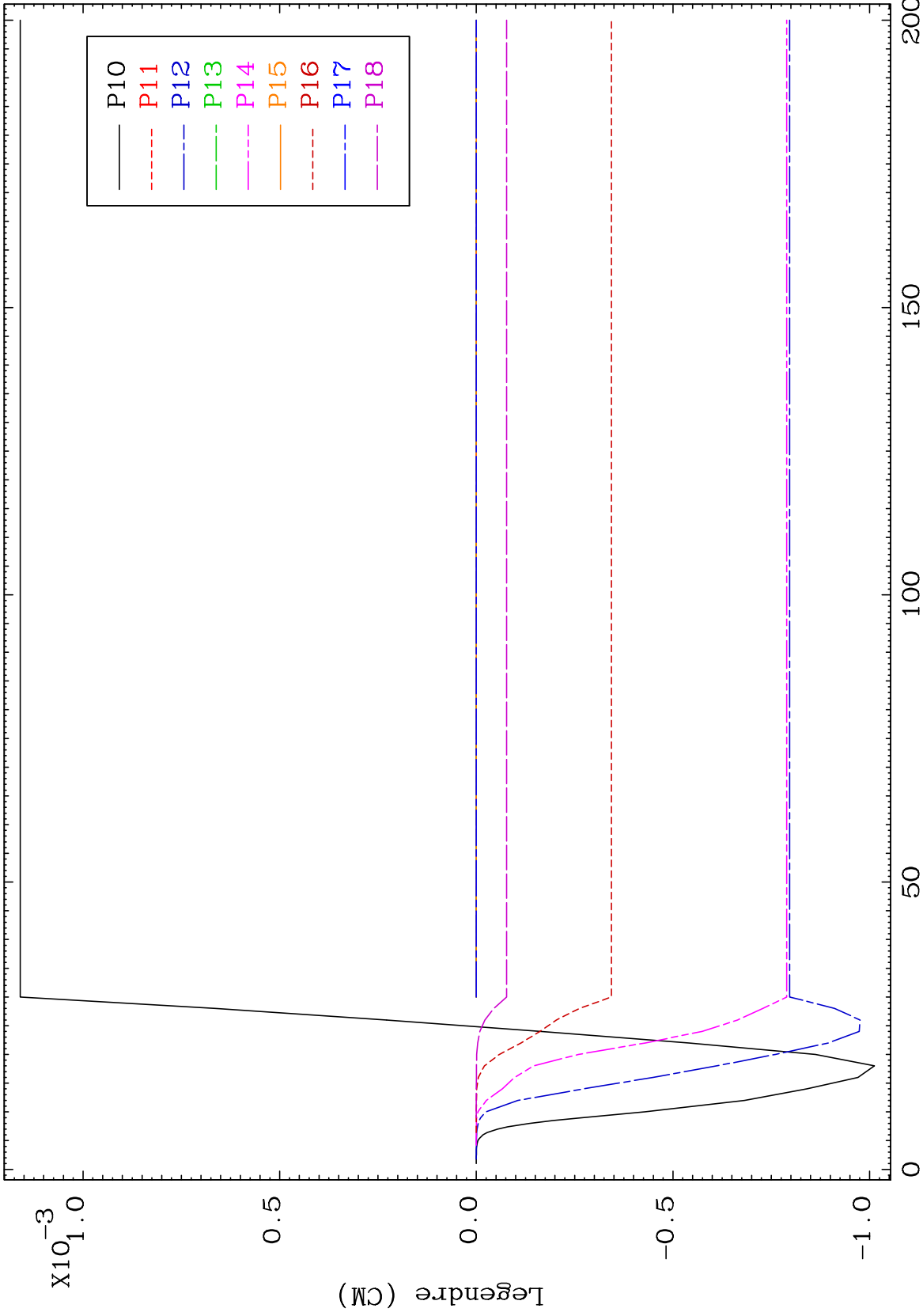


19 50-Sn-119

MAT 5046

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

50-Sn-119



0

50

100

150

200

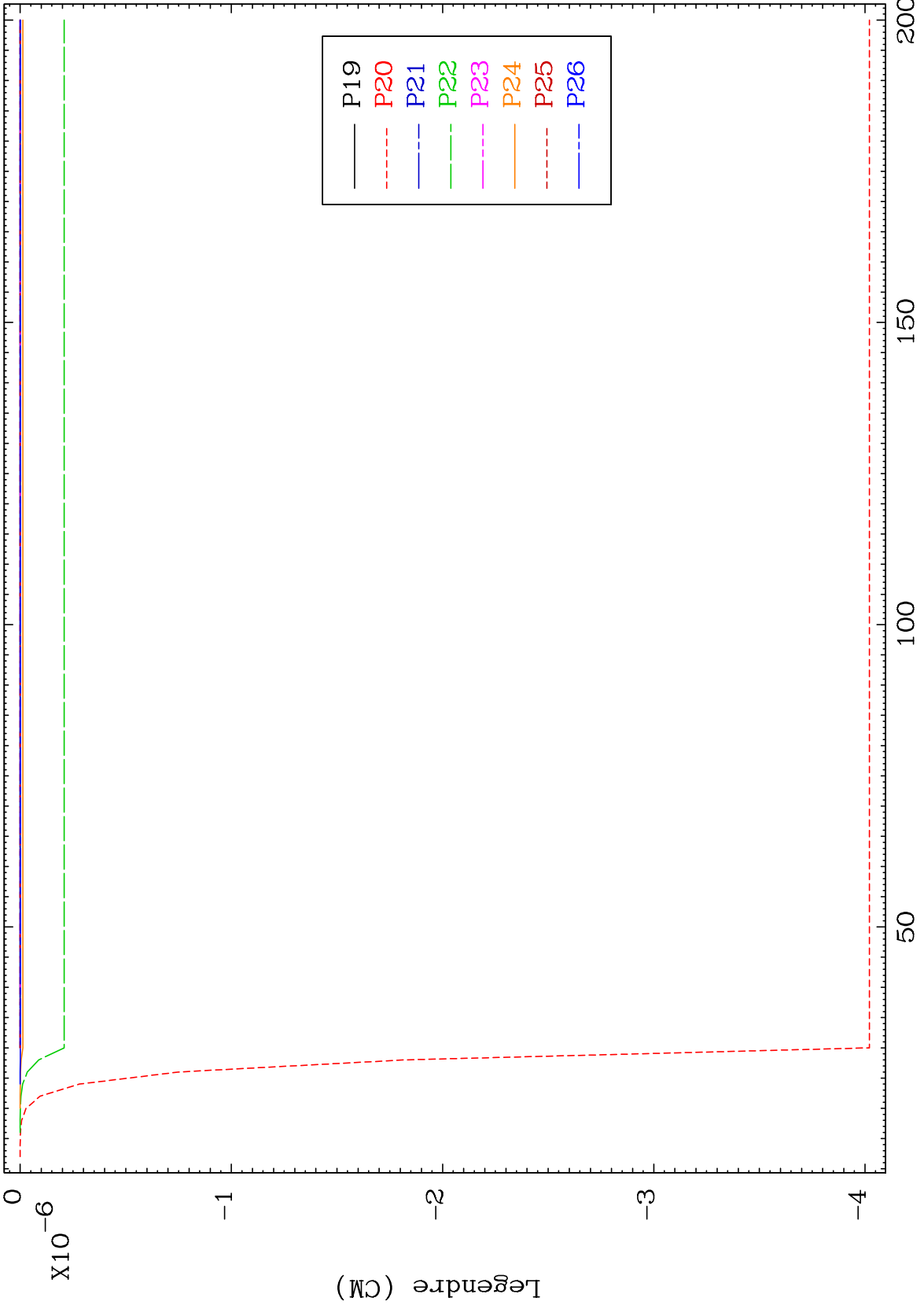
Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 51 (n,n') Level

50-Sn-119

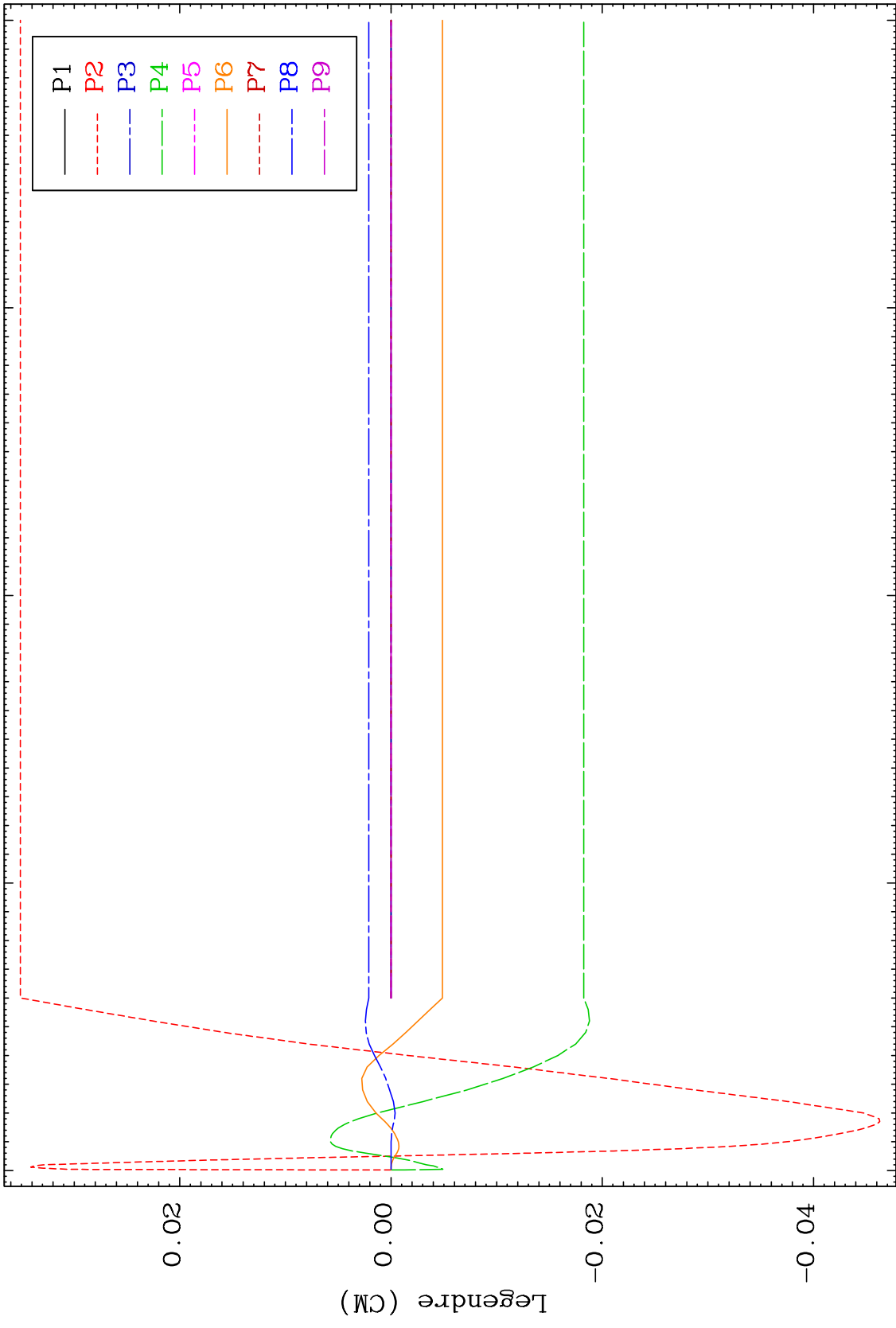
Legendre Coefficients



50-Sn-119

Incident Energy (MeV)

MAT 5046 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-119

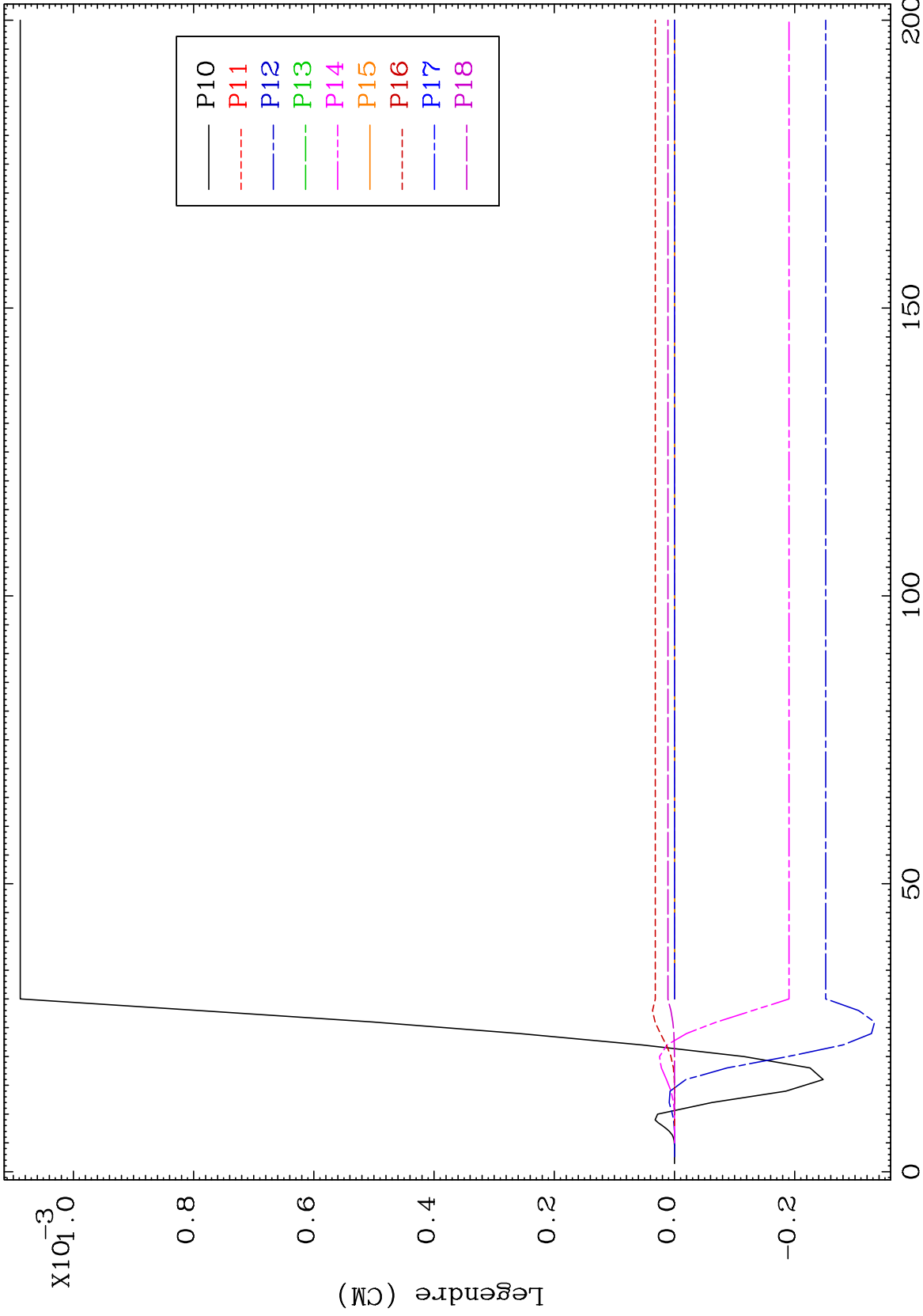


22 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119

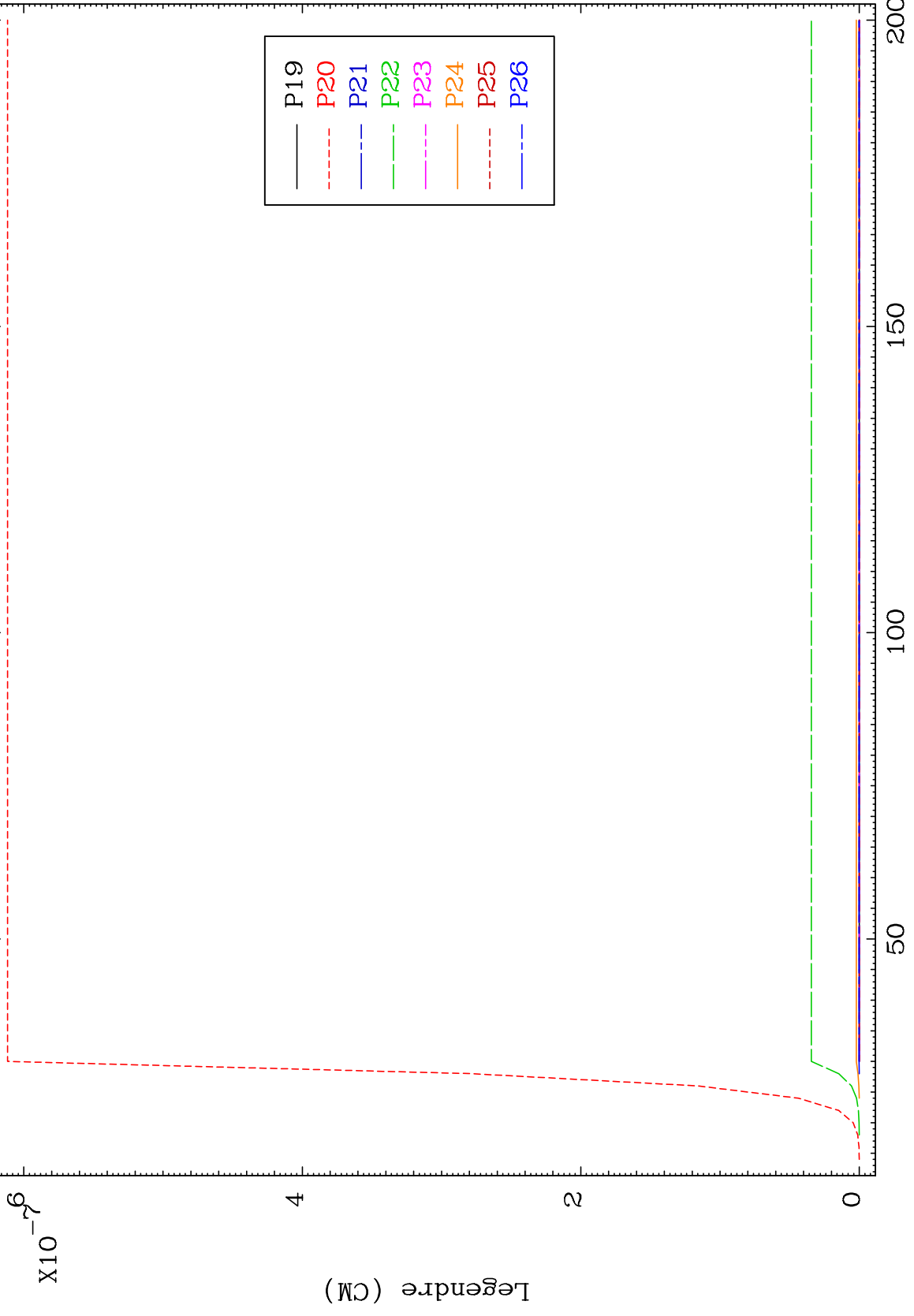


23

Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-119

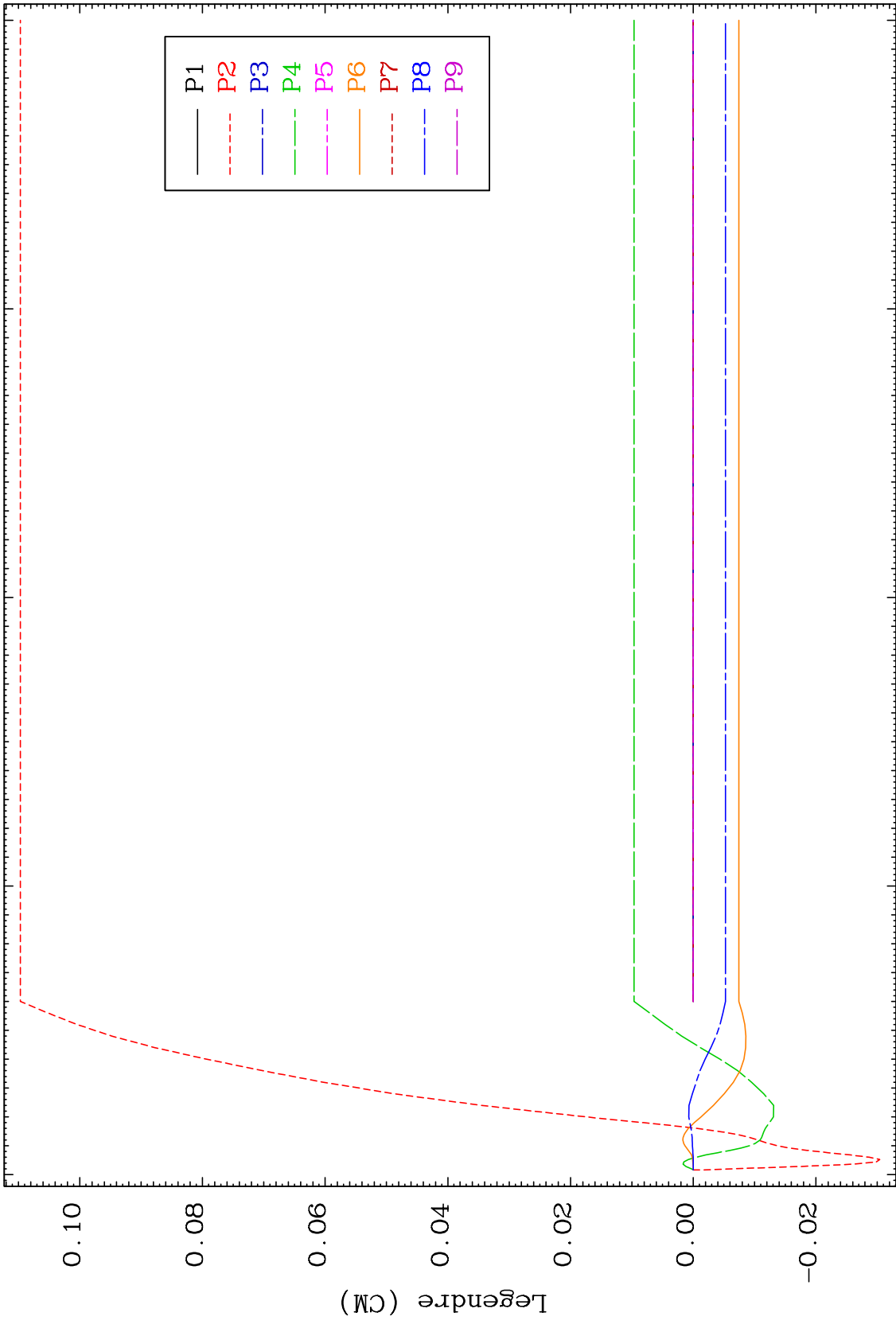


24

Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-119

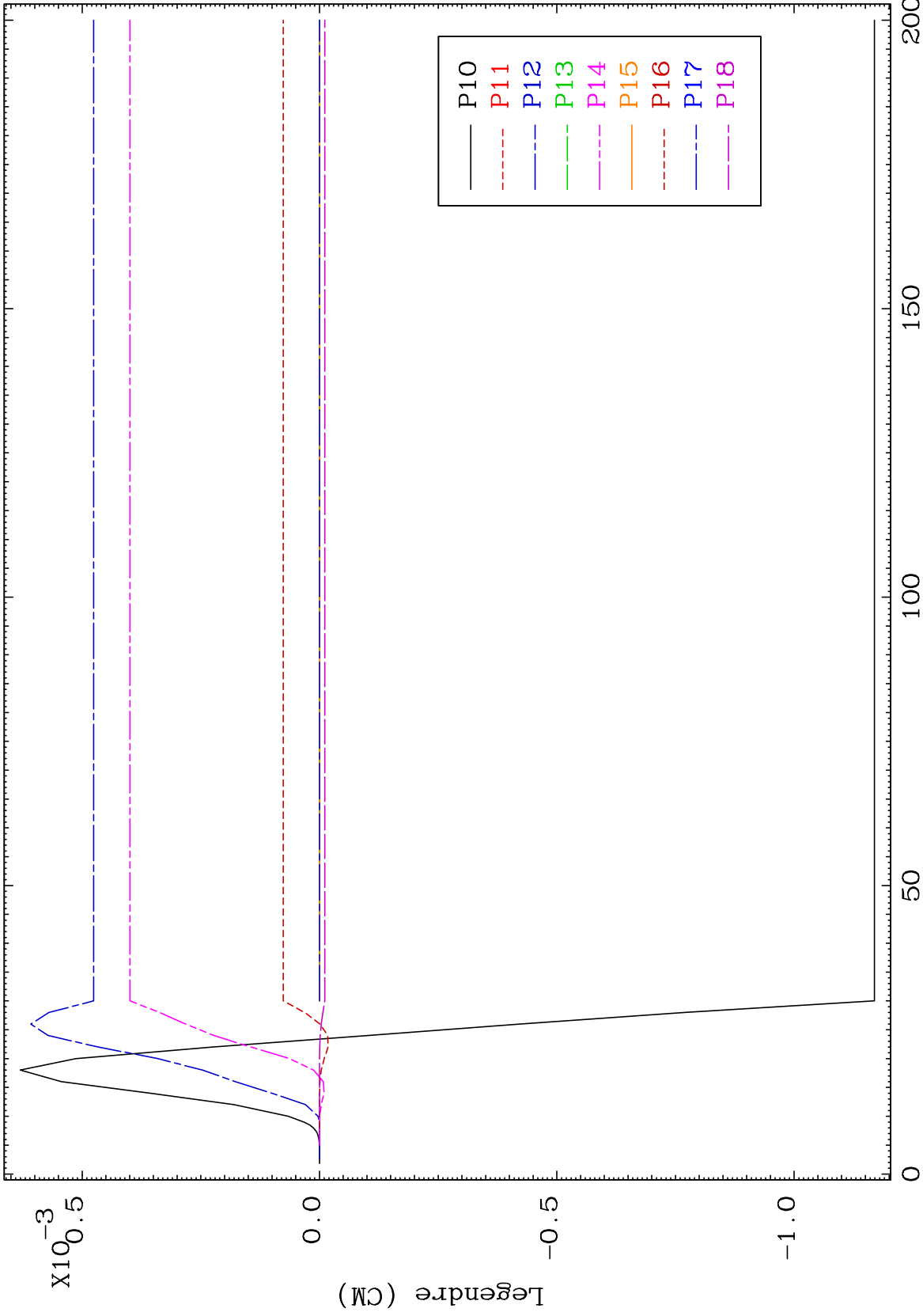


Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119



26

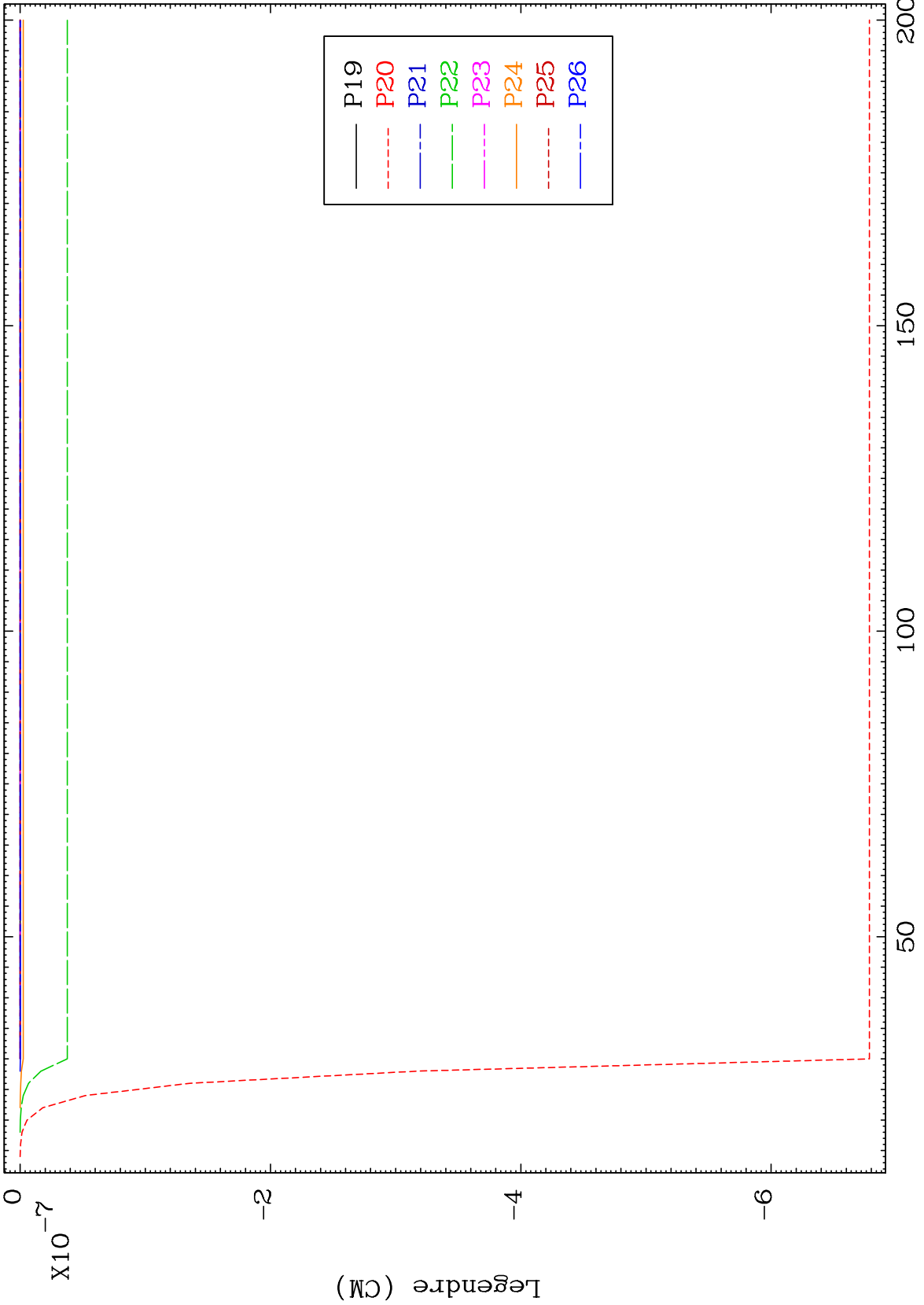
Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 53 (n,n') Level

Legendre Coefficients

50-Sn-119

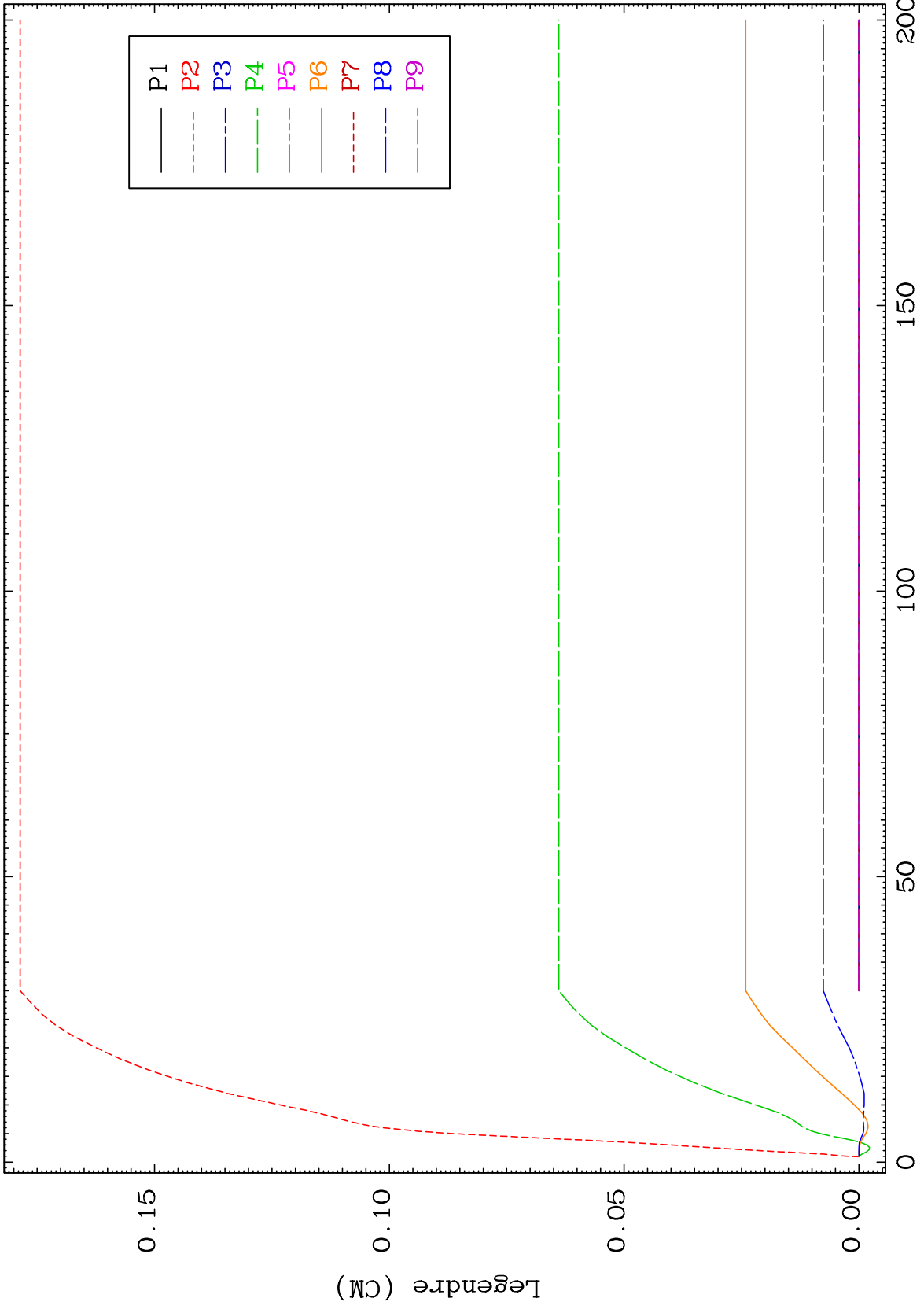


50-Sn-119

Incident Energy (MeV)

27

MAT 5046 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-119

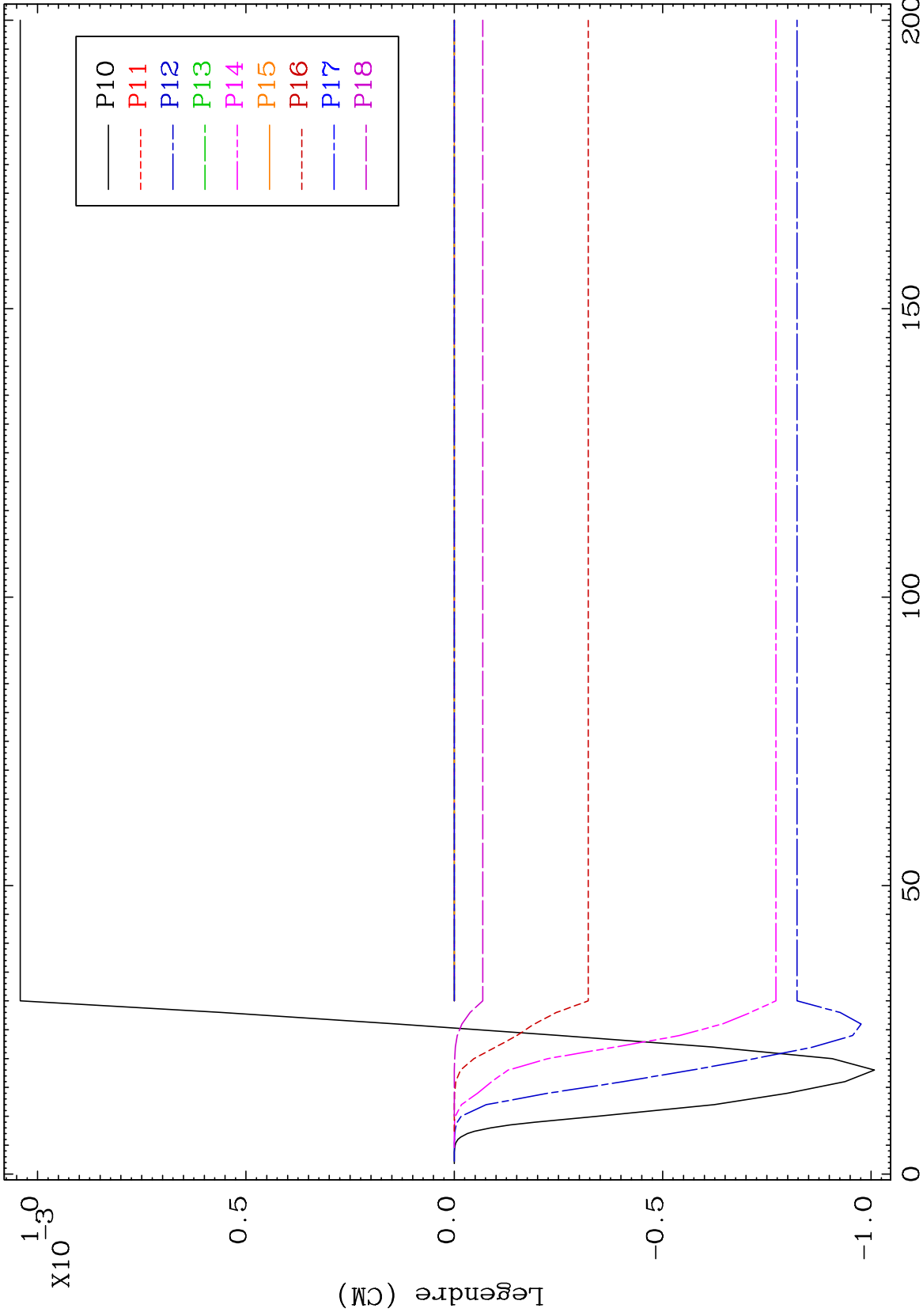


28 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119



29

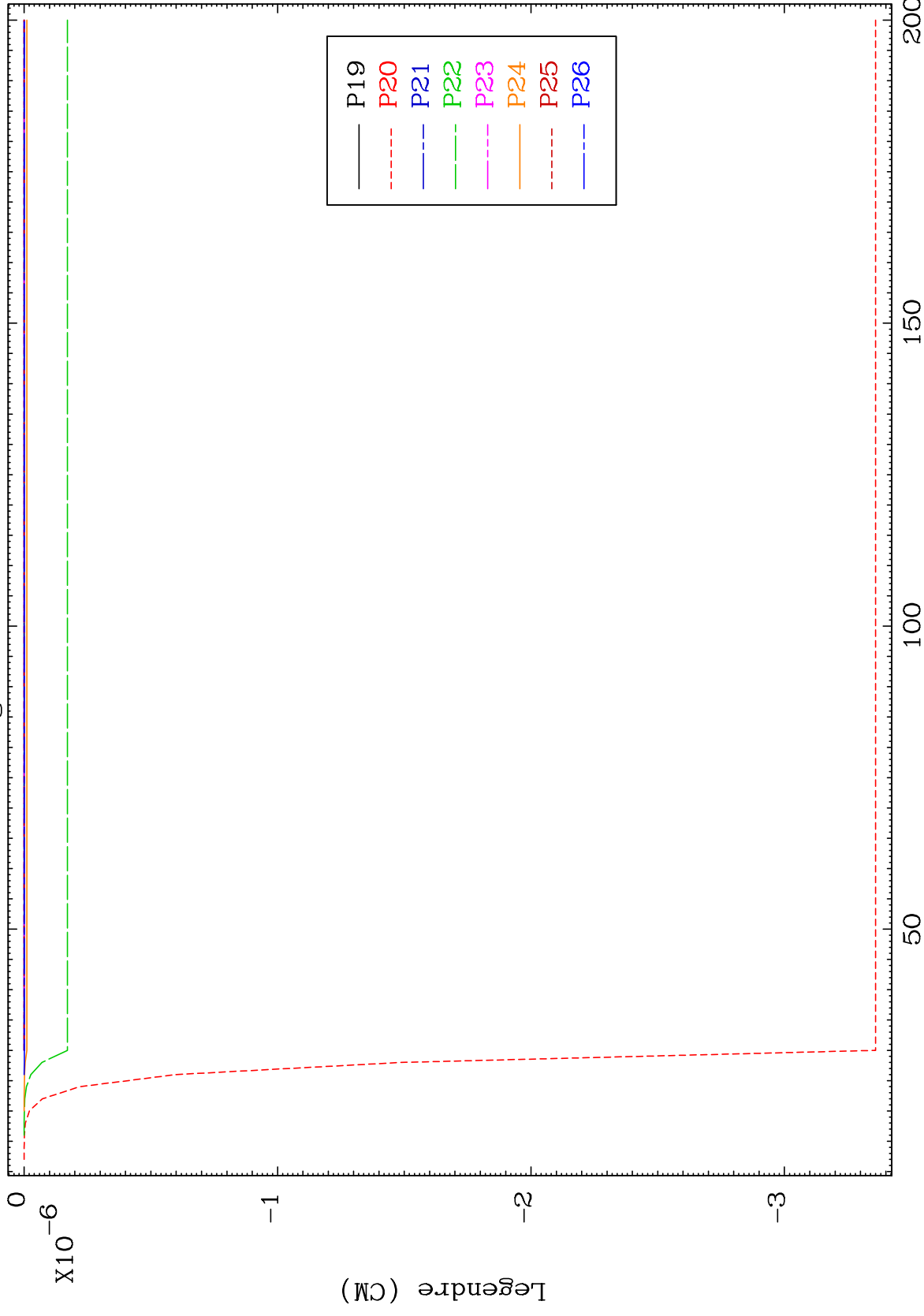
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119

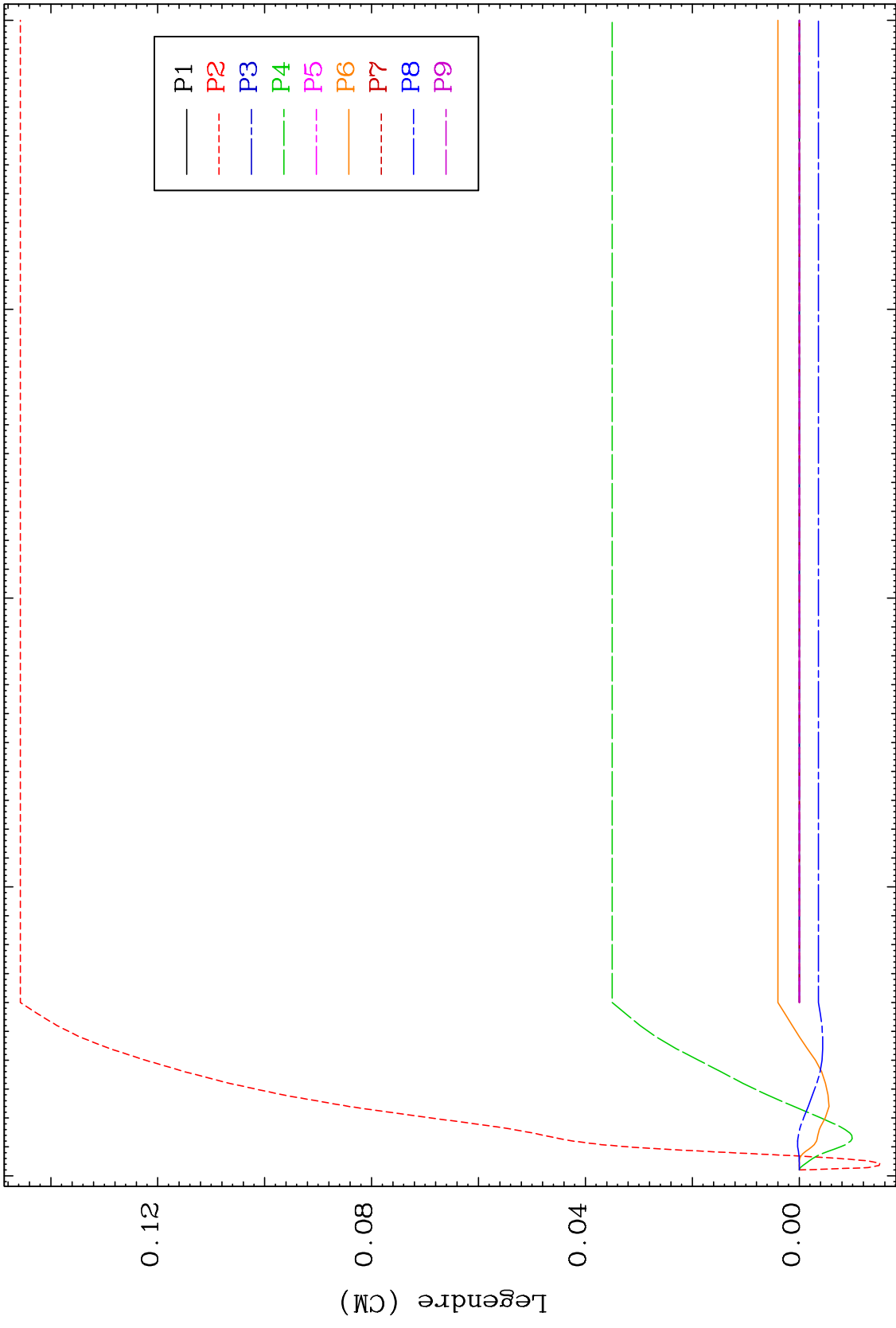


50-Sn-119

Incident Energy (MeV)

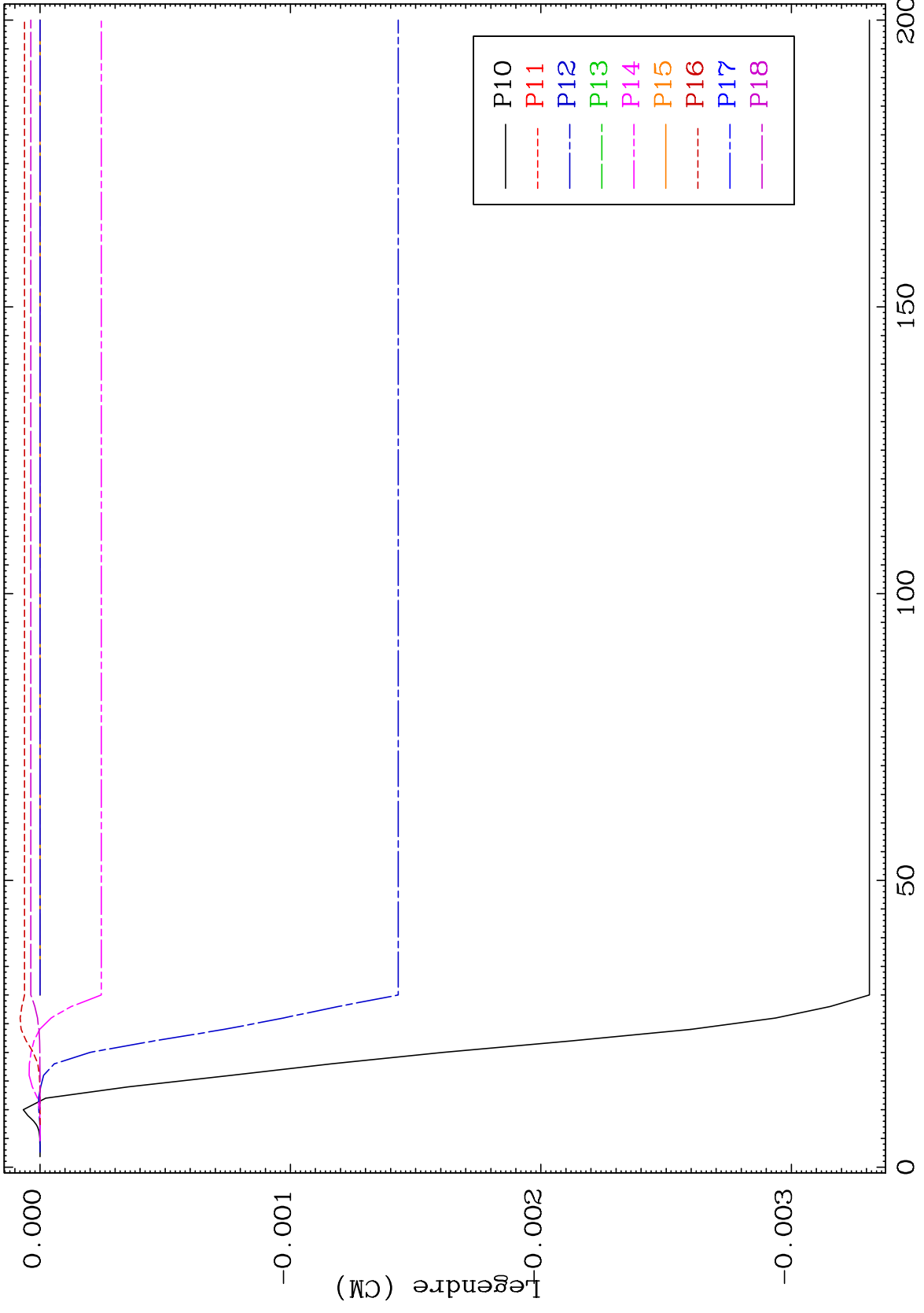
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MAT 5046 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-119



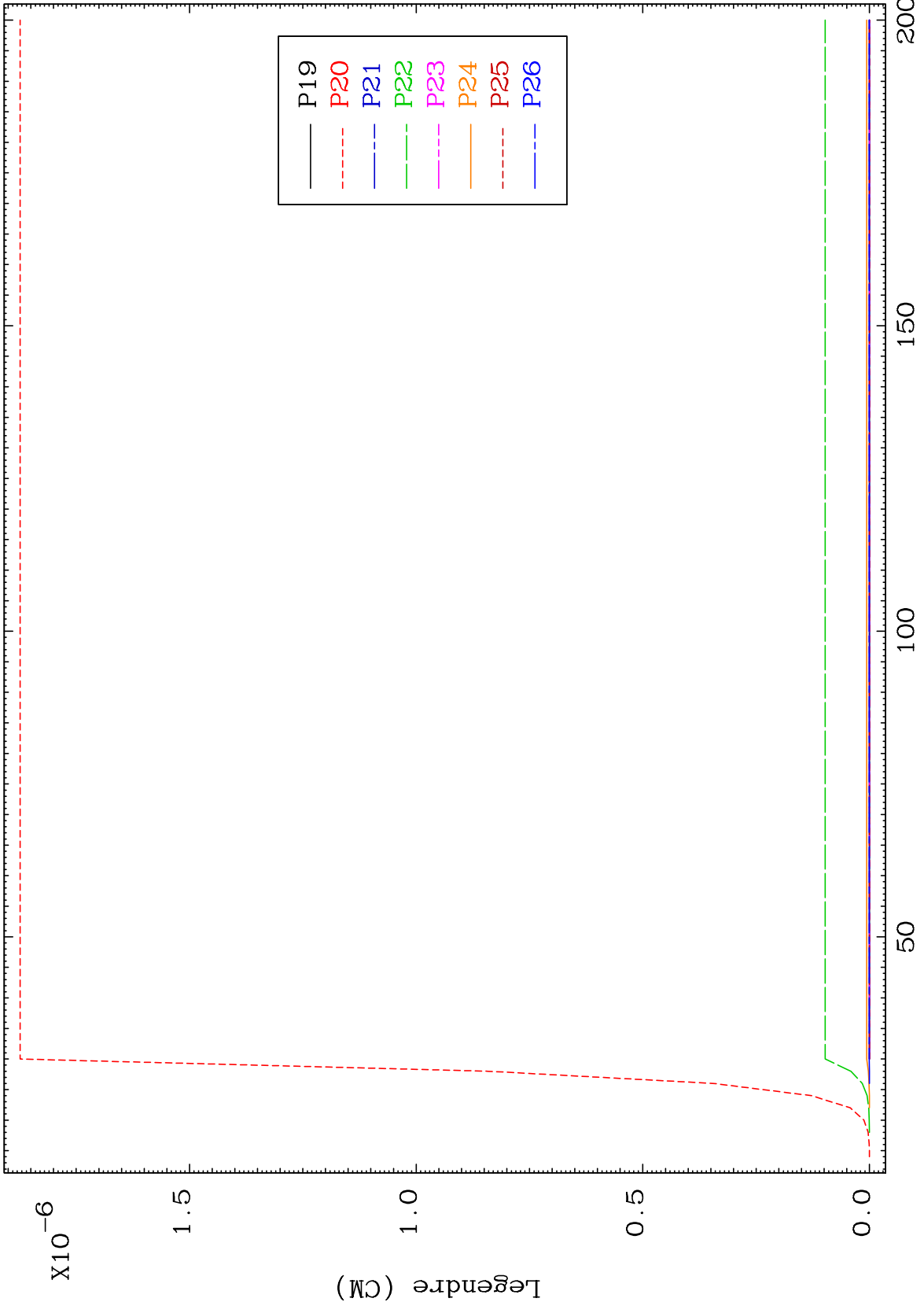
31 50-Sn-119

MAT 5046 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-119

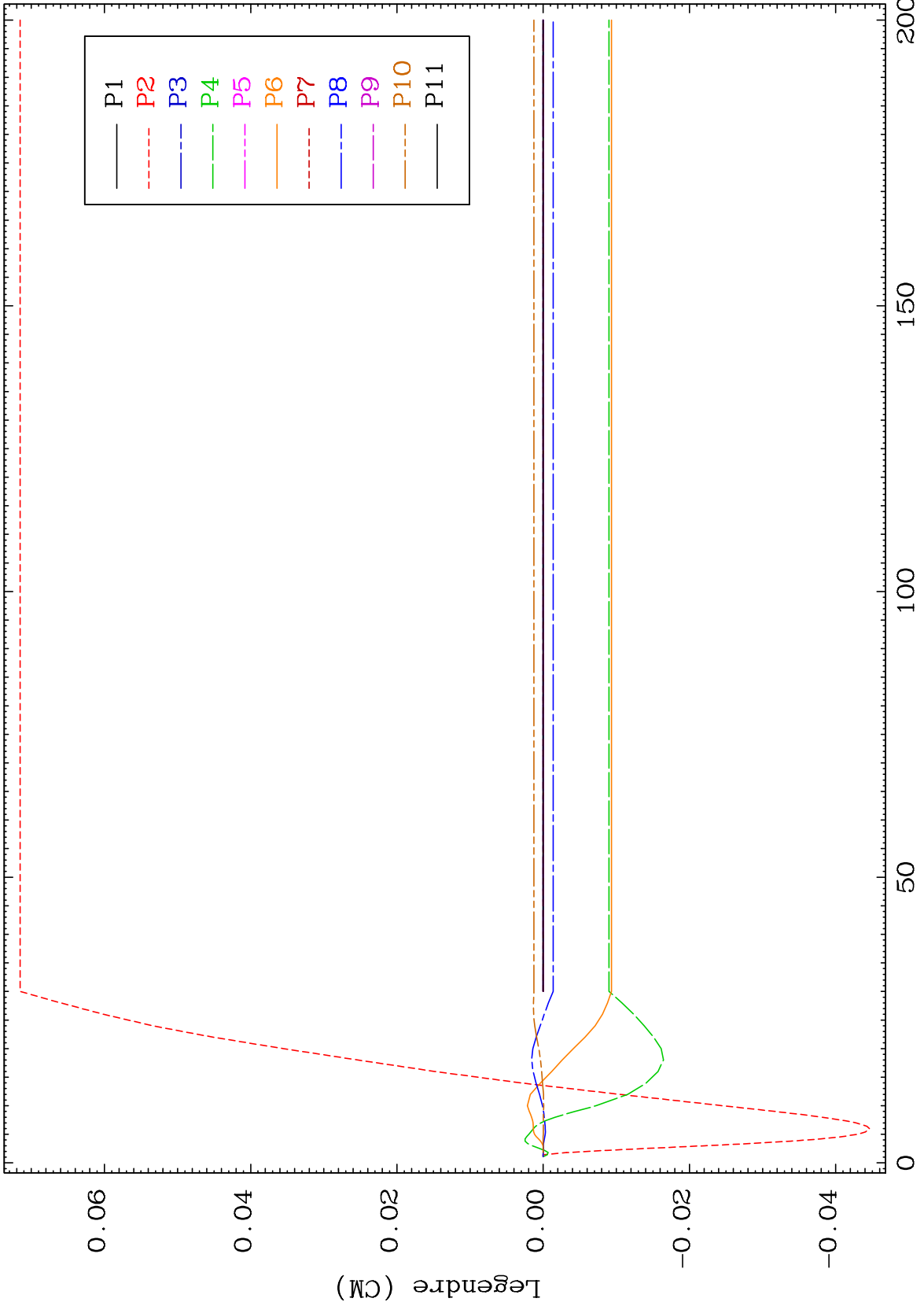


32 50-Sn-119

MAT 5046 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-119



MAT 5046 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-119

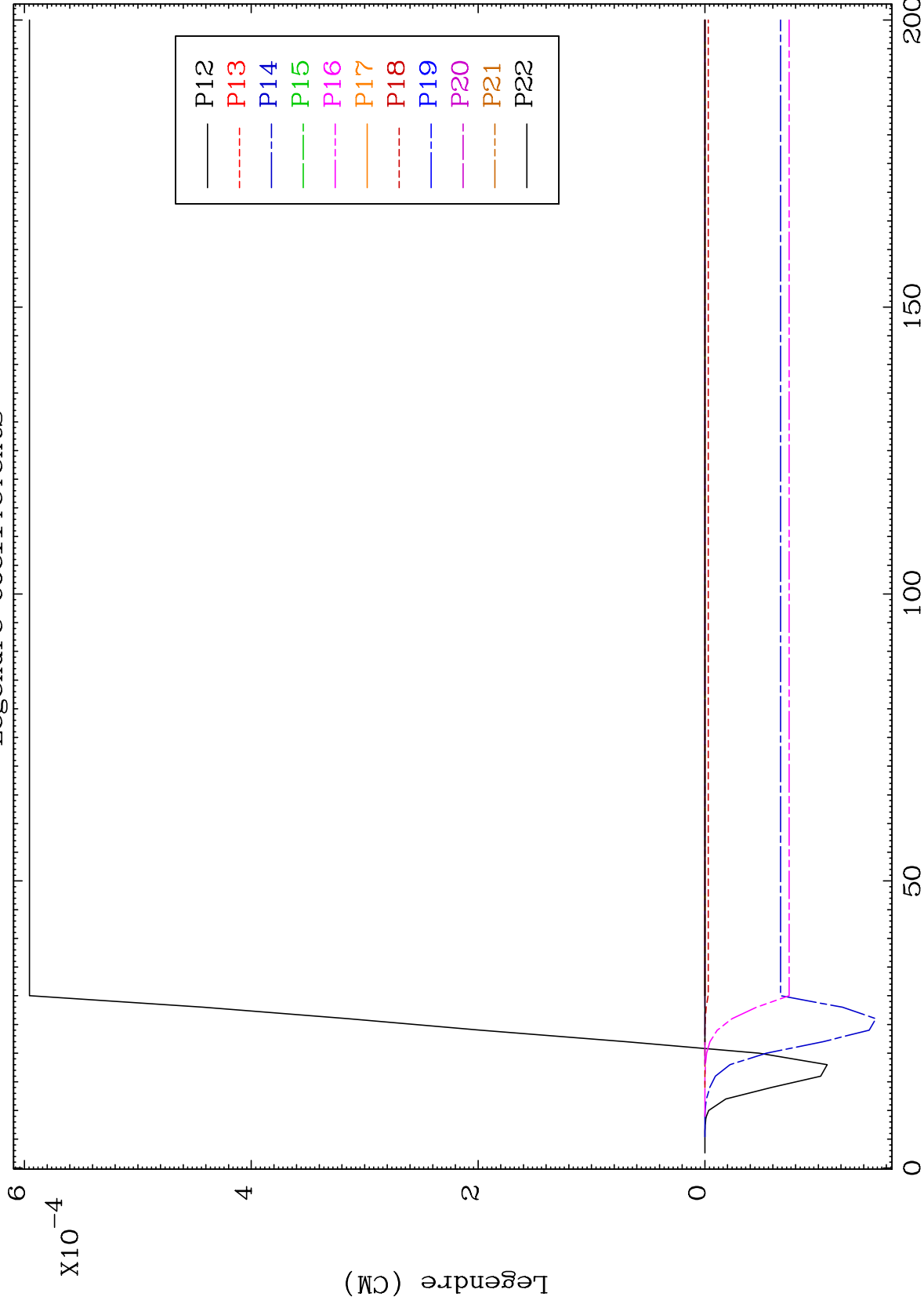


34 50-Sn-119

MAT 5046

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

50-Sn-119

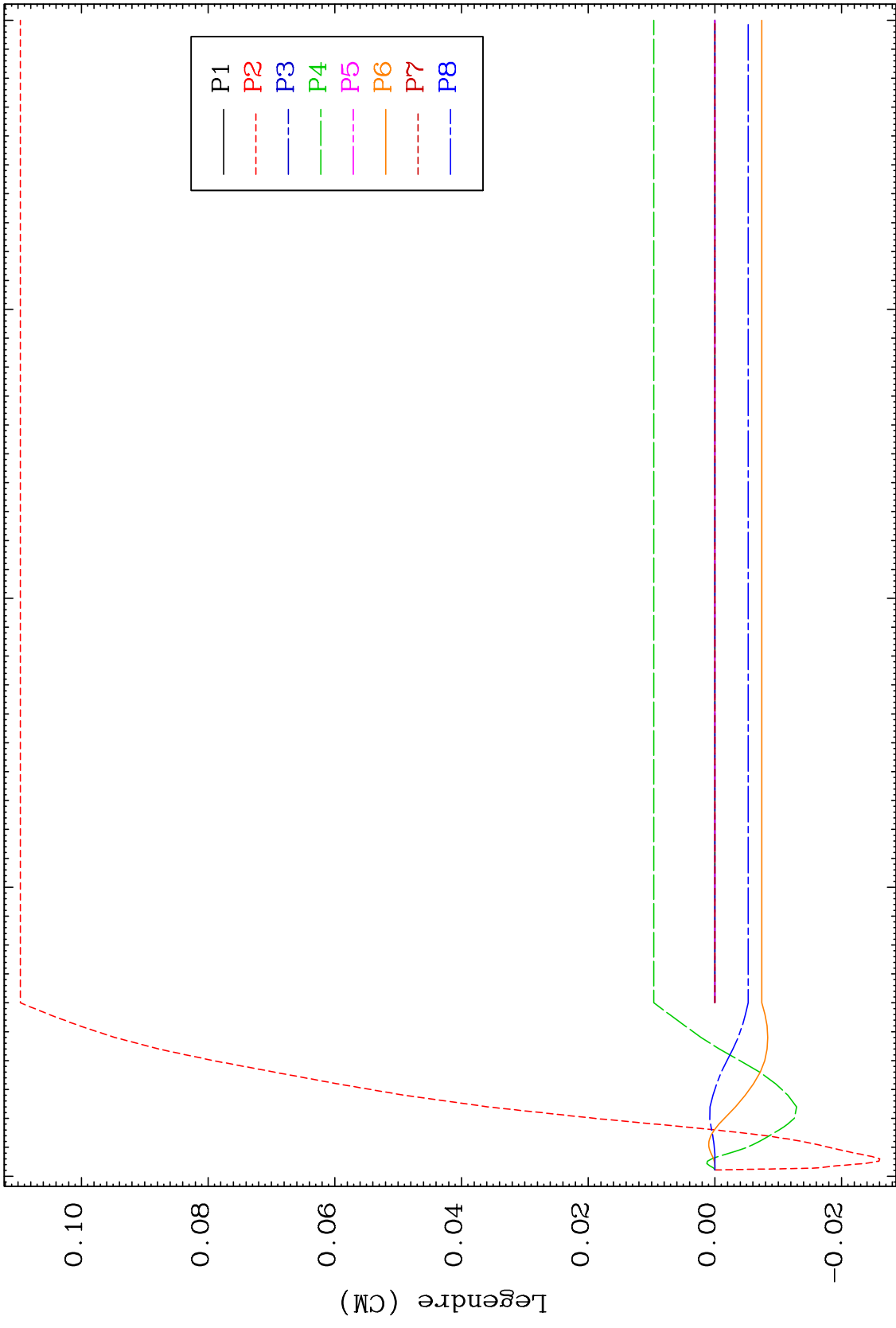


35

Incident Energy (MeV)

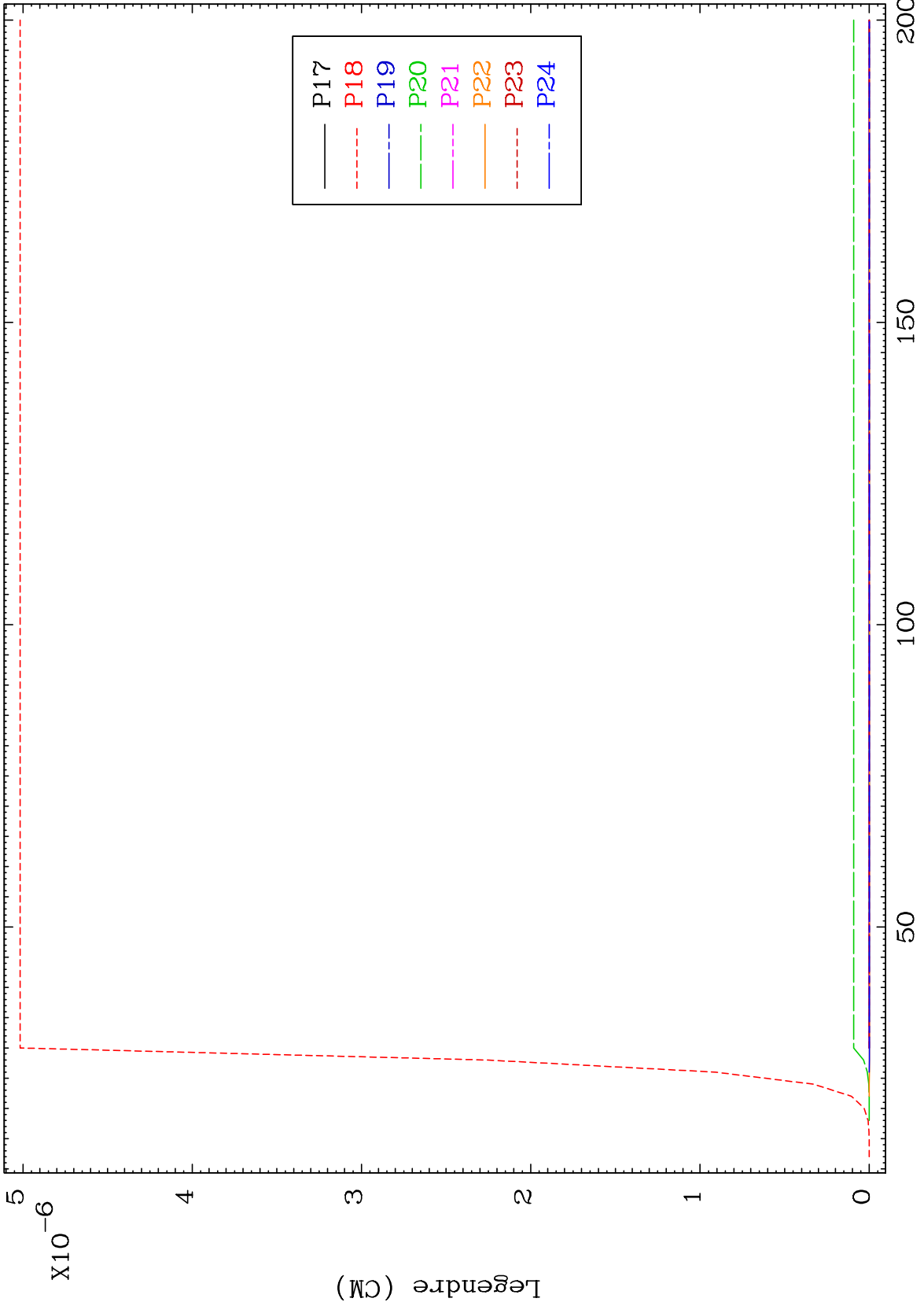
50-Sn-119

MAT 5046 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-119



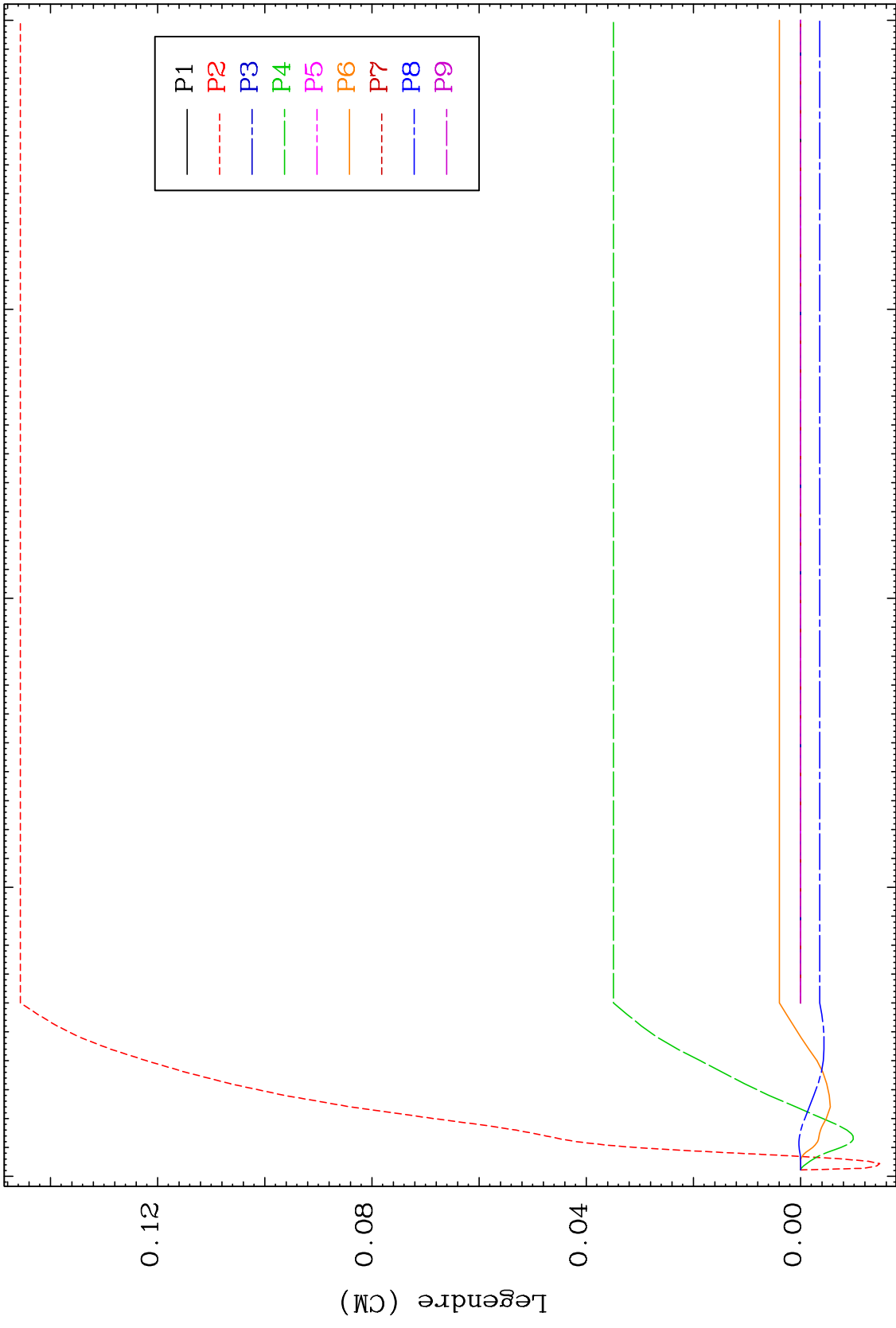
36 Incident Energy (MeV) 50-Sn-119

MAT 5046 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-119



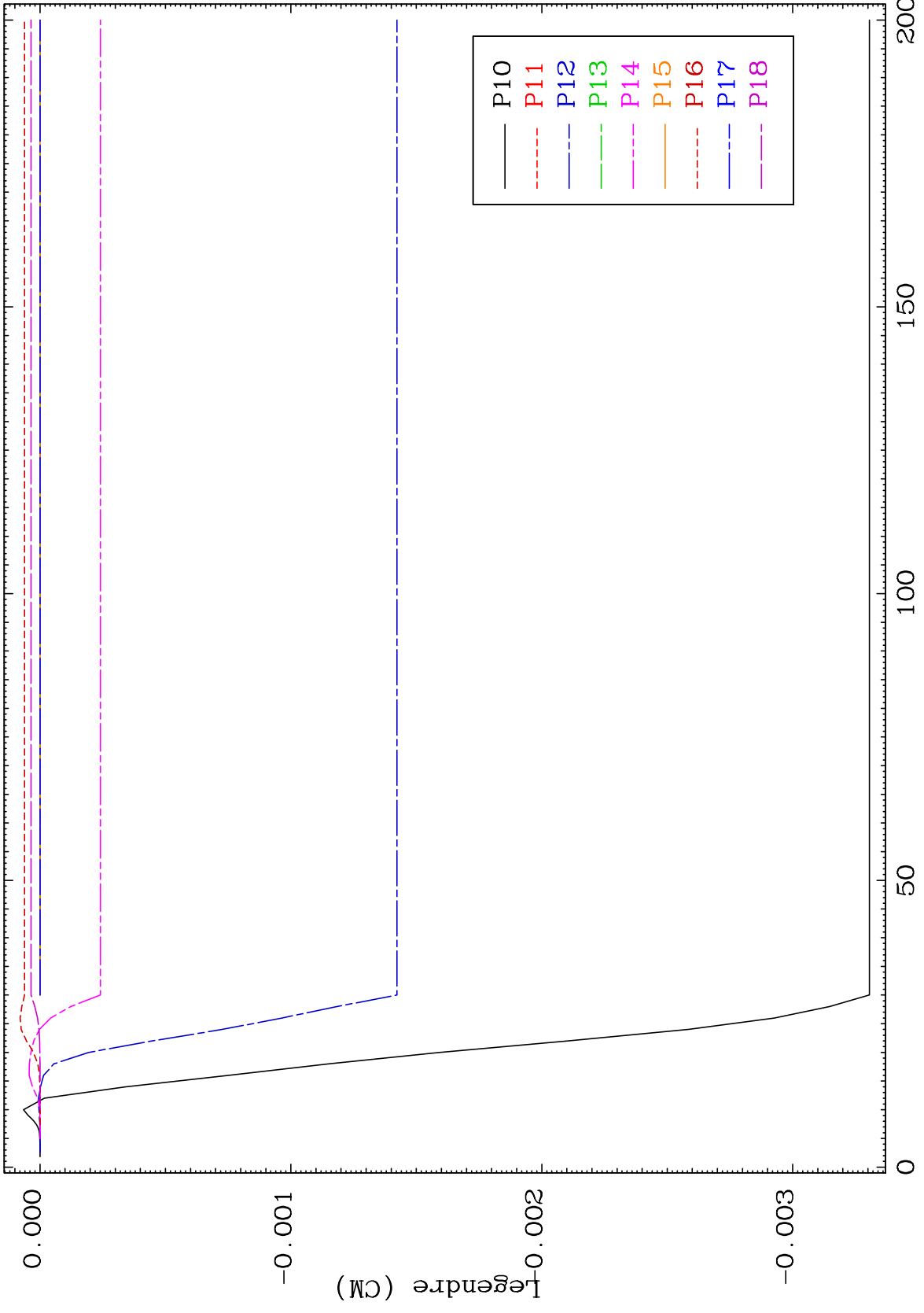
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MAT 5046 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-119



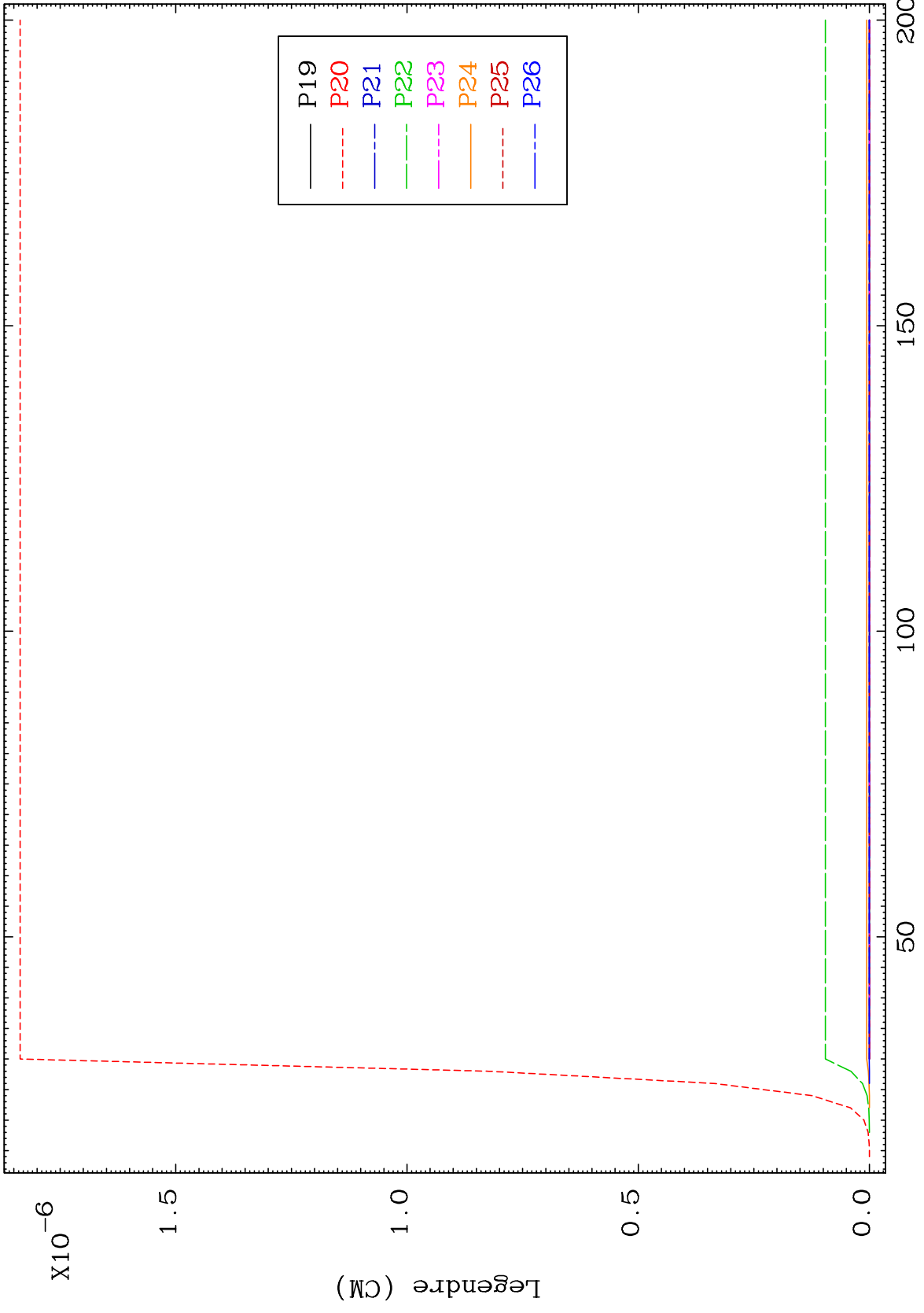
39 50-Sn-119

MAT 5046 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-119



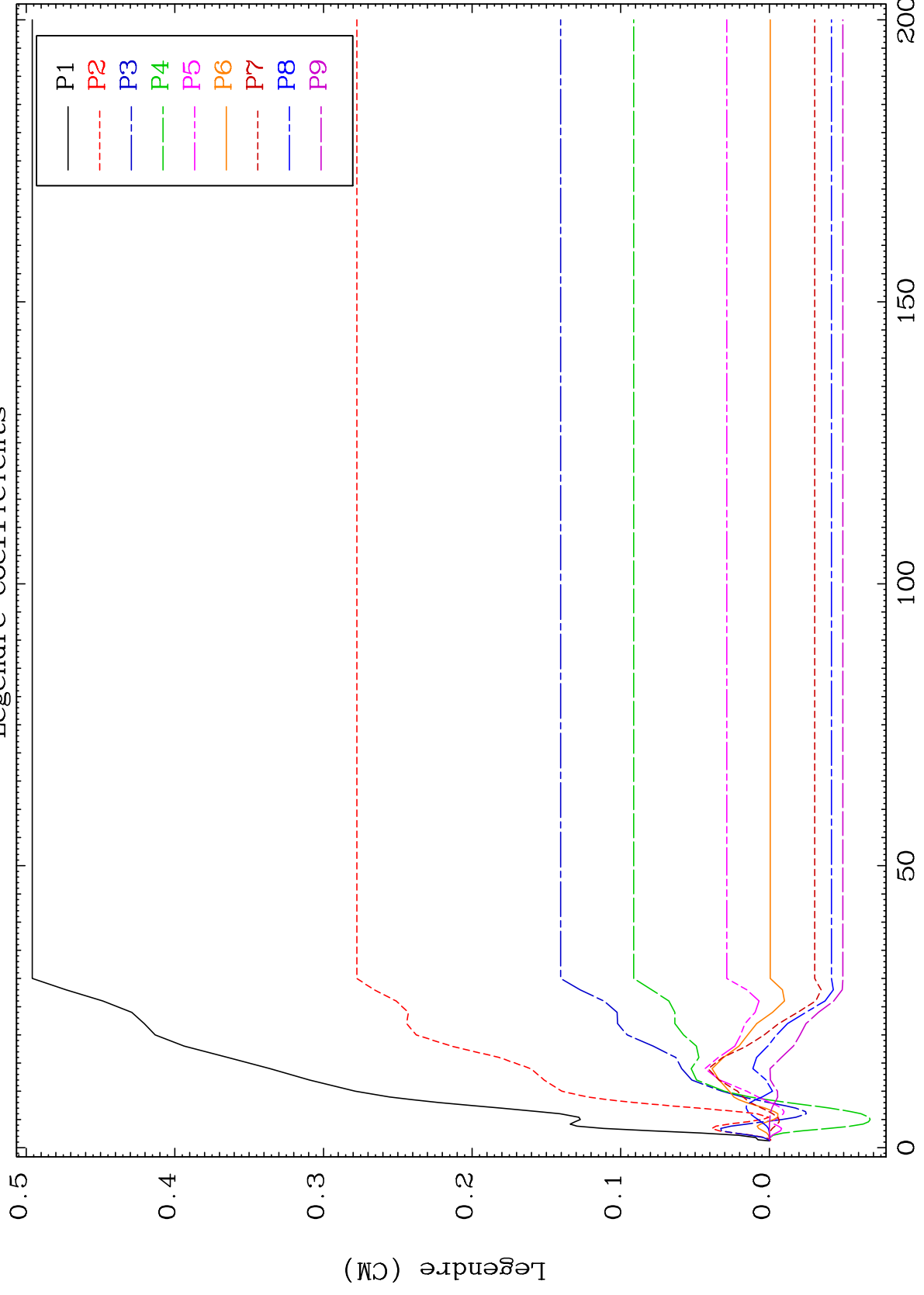
Incident Energy (MeV) 50-Sn-119

MAT 5046 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-119



41 50-Sn-119

MAT 5046 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-119

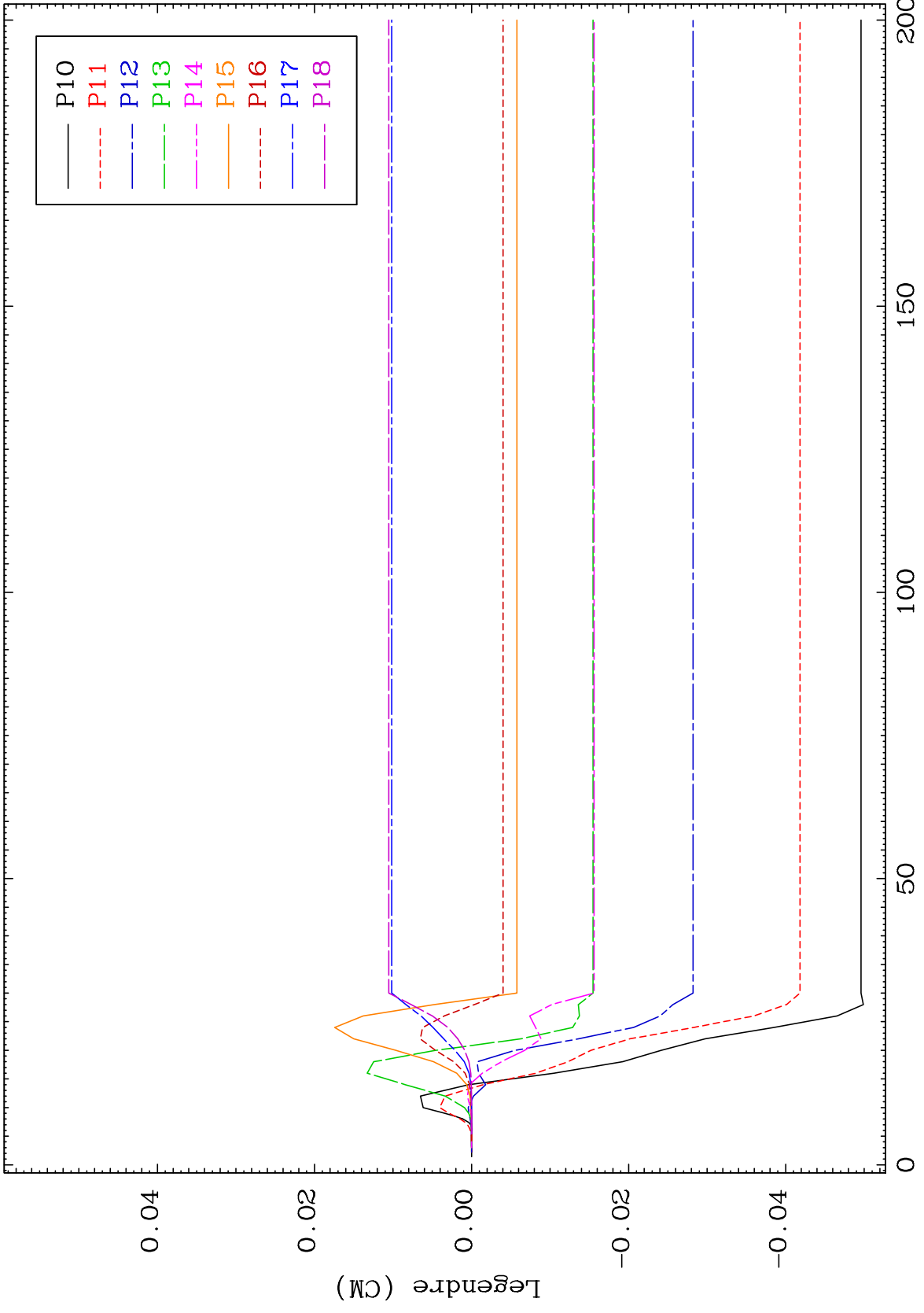


42 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119



43

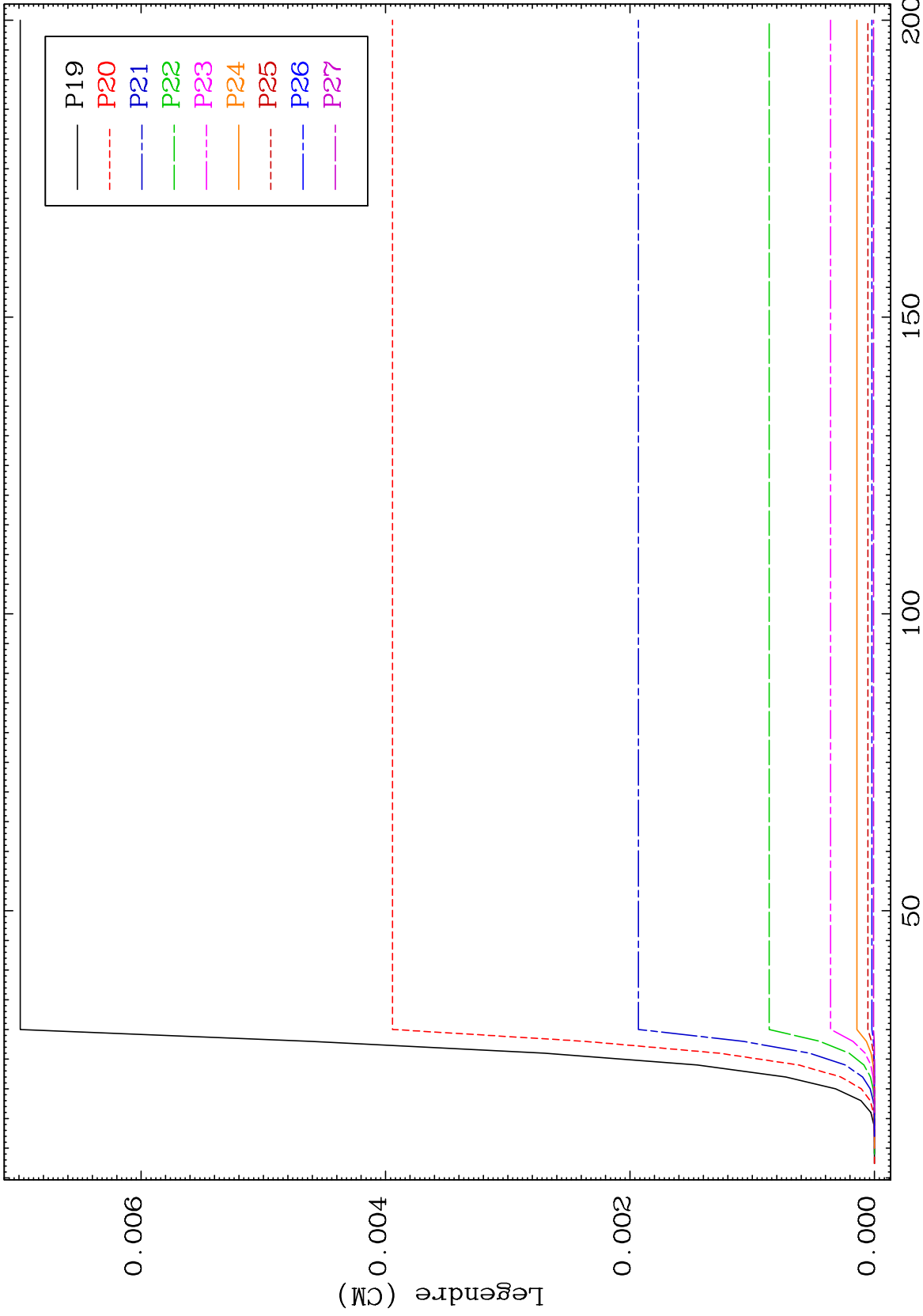
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119



44

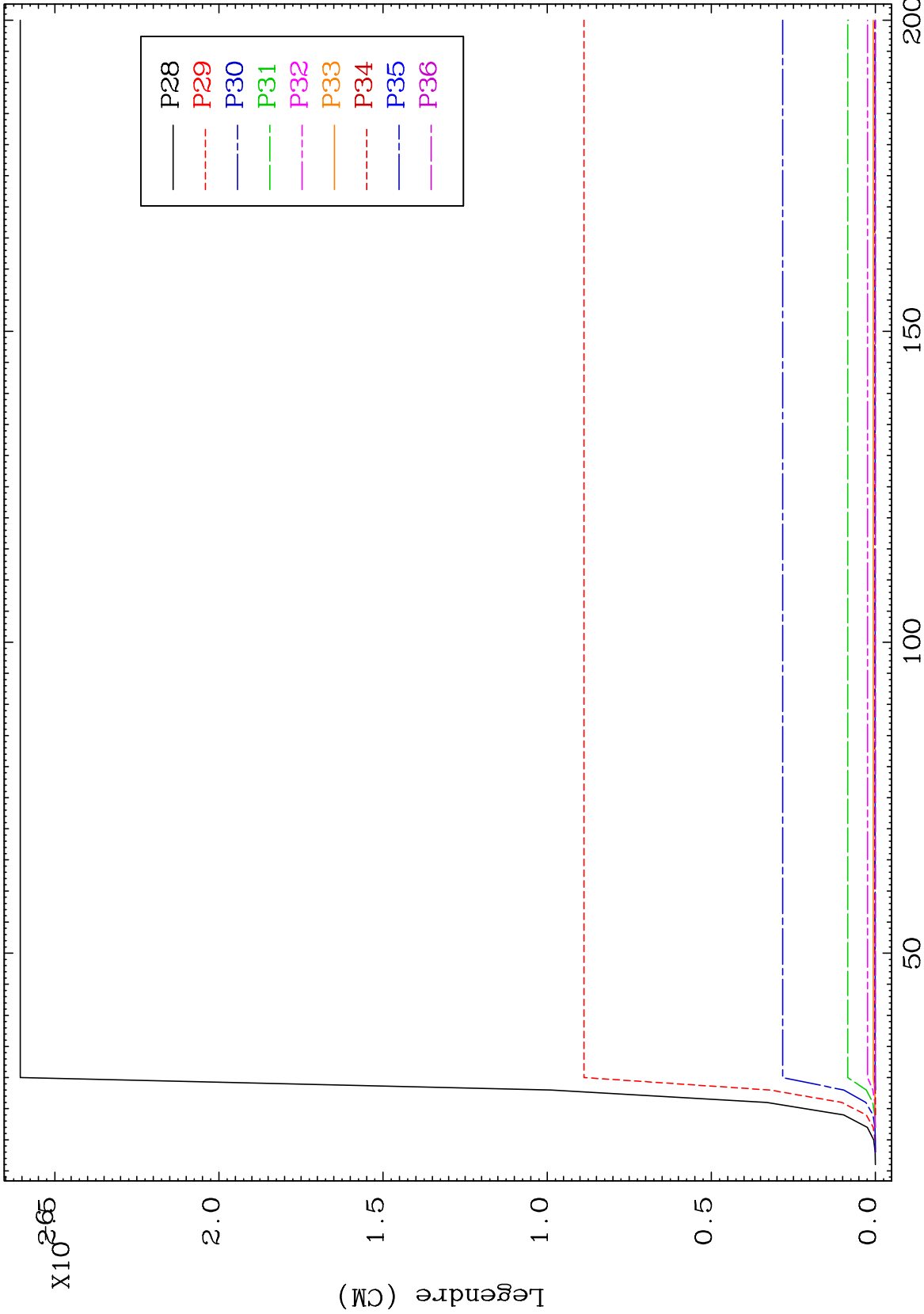
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119



45

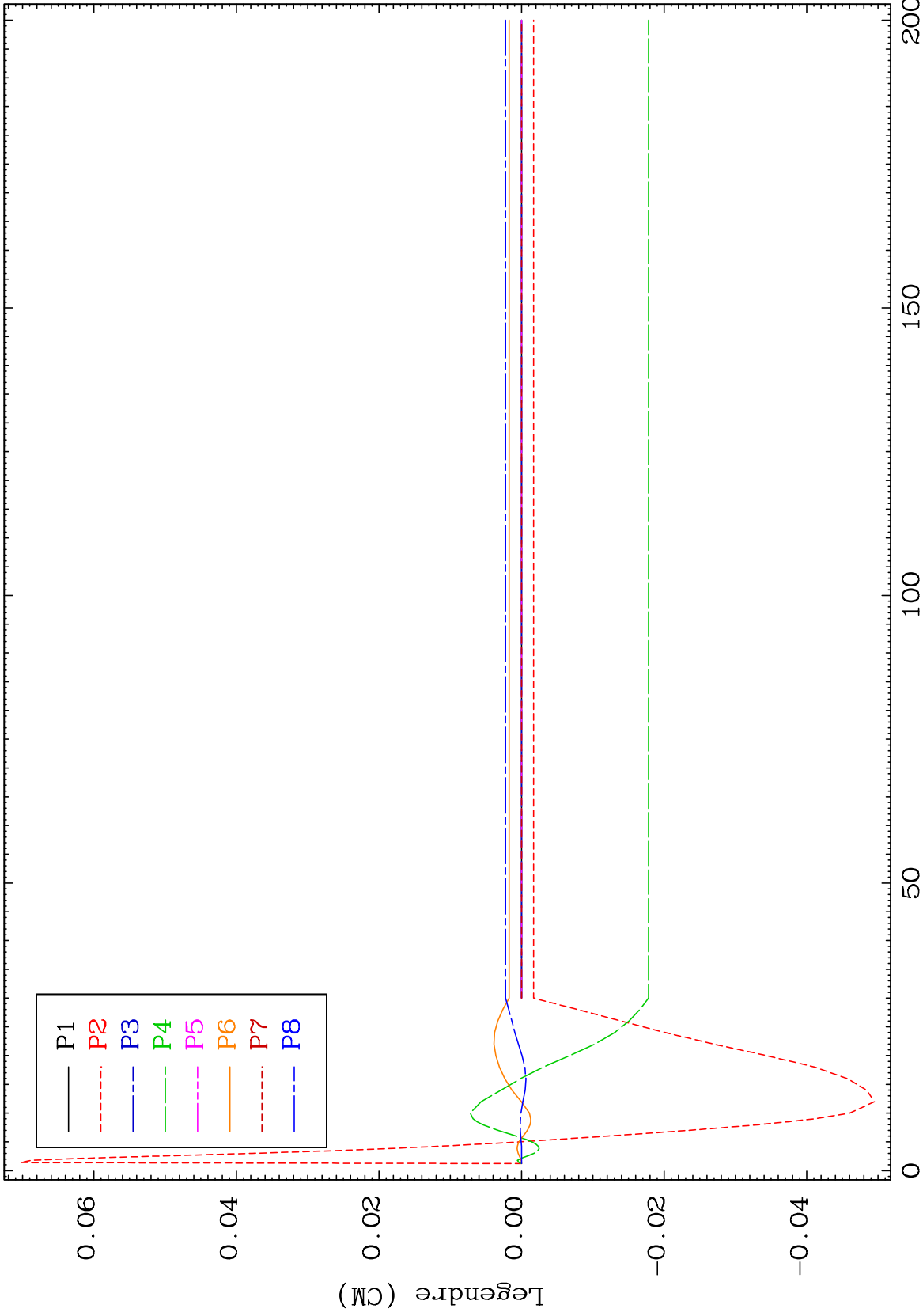
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119



46

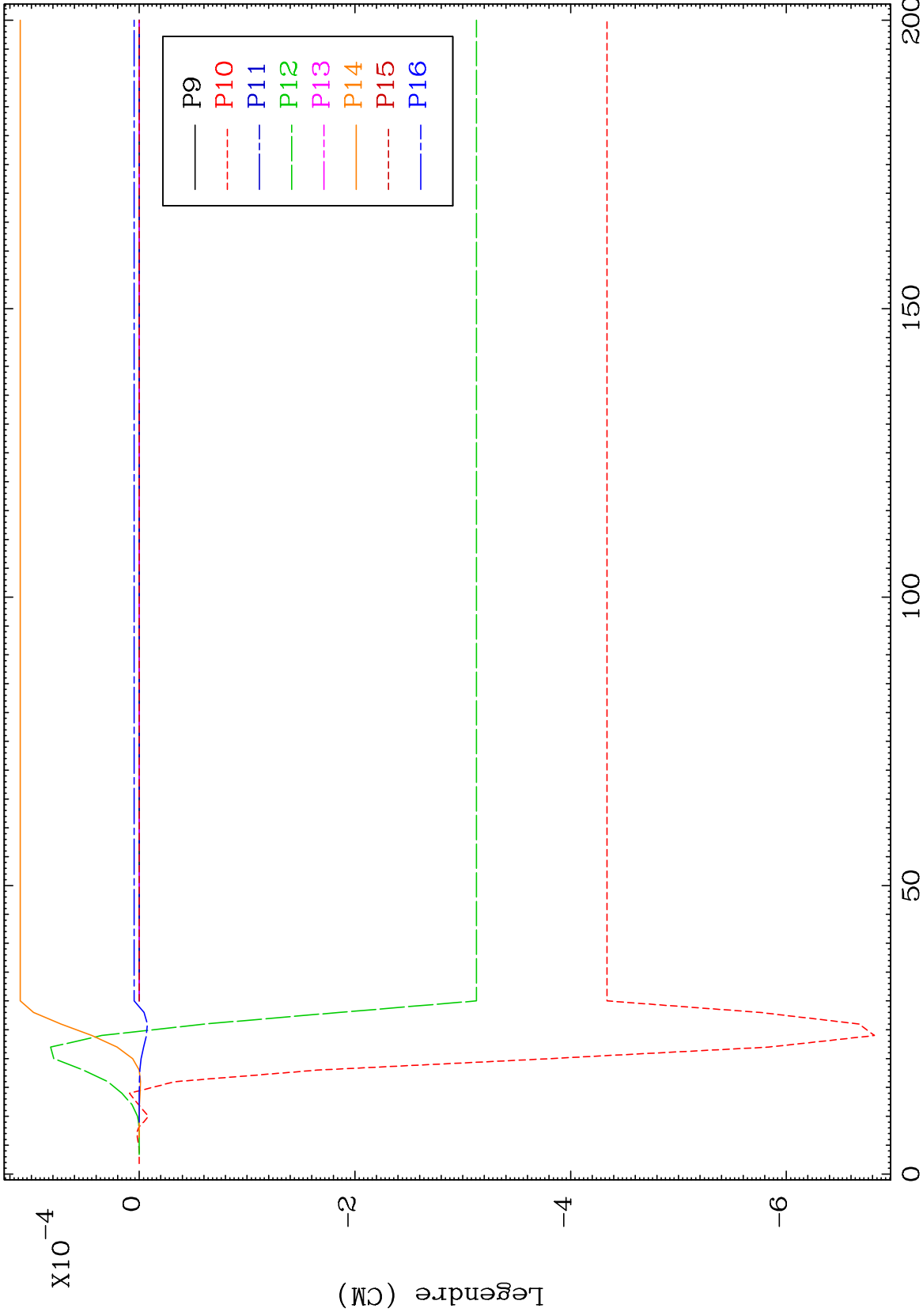
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119



47

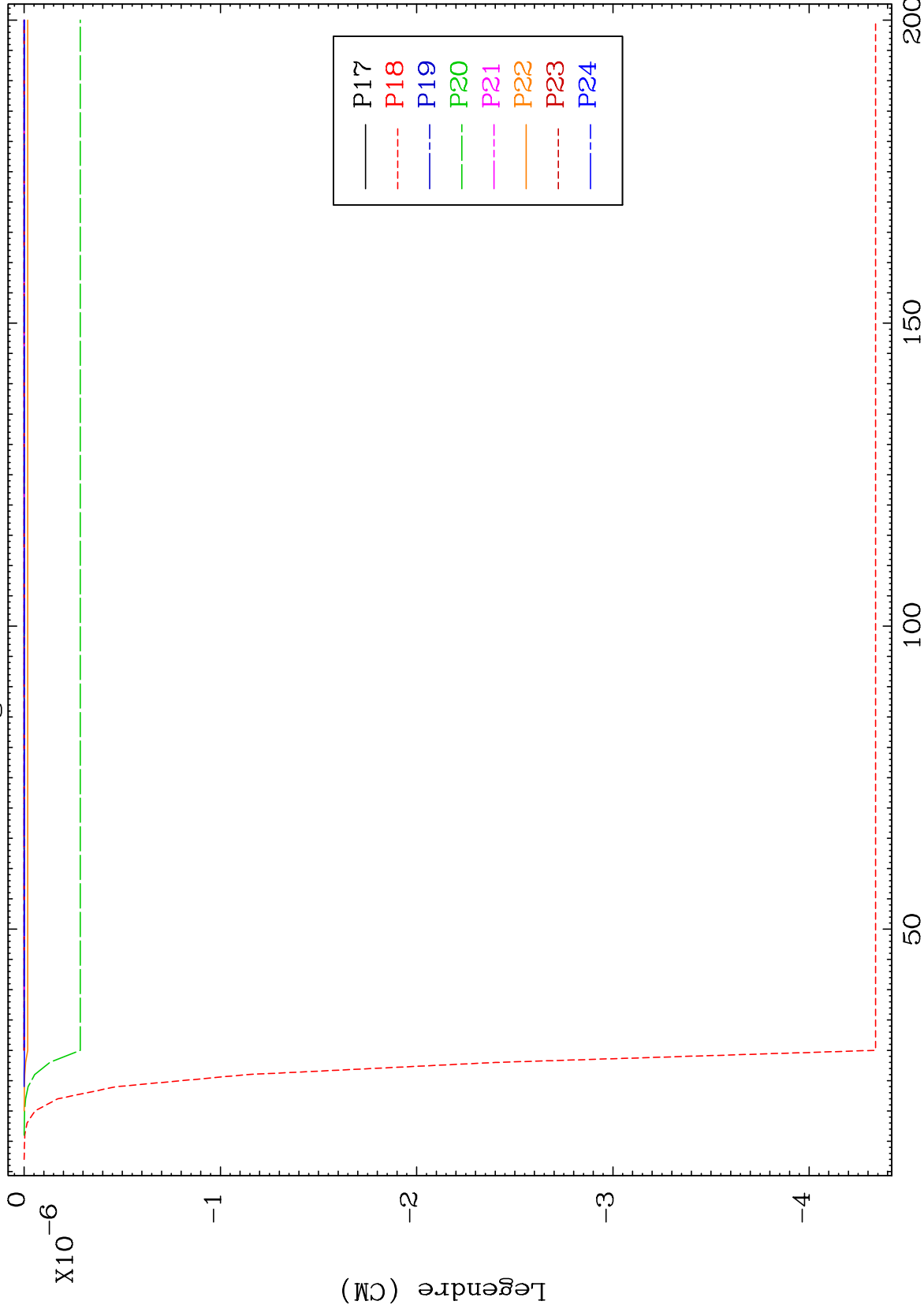
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119

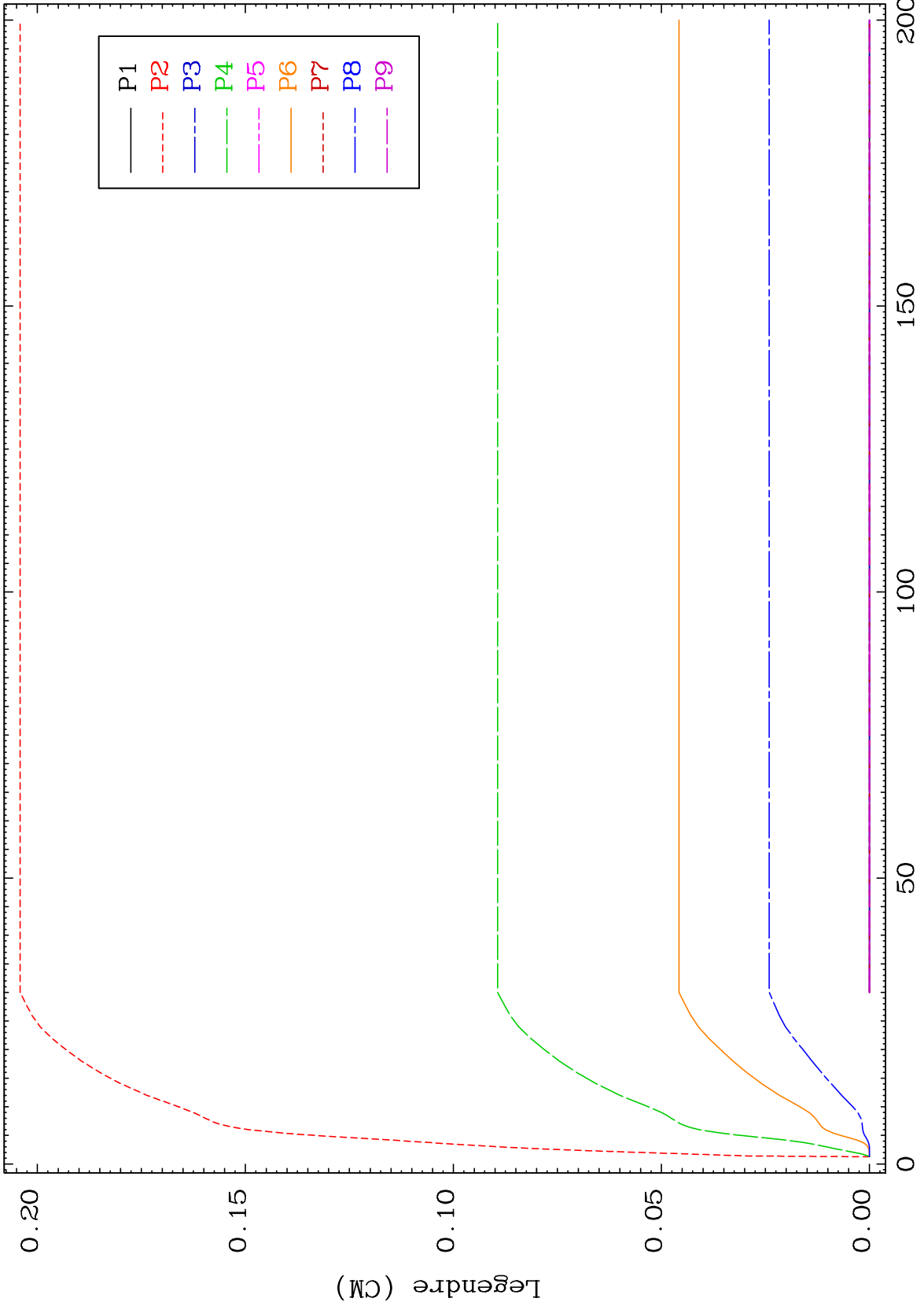


50-Sn-119

Incident Energy (MeV)

48

MAT 5046 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-119

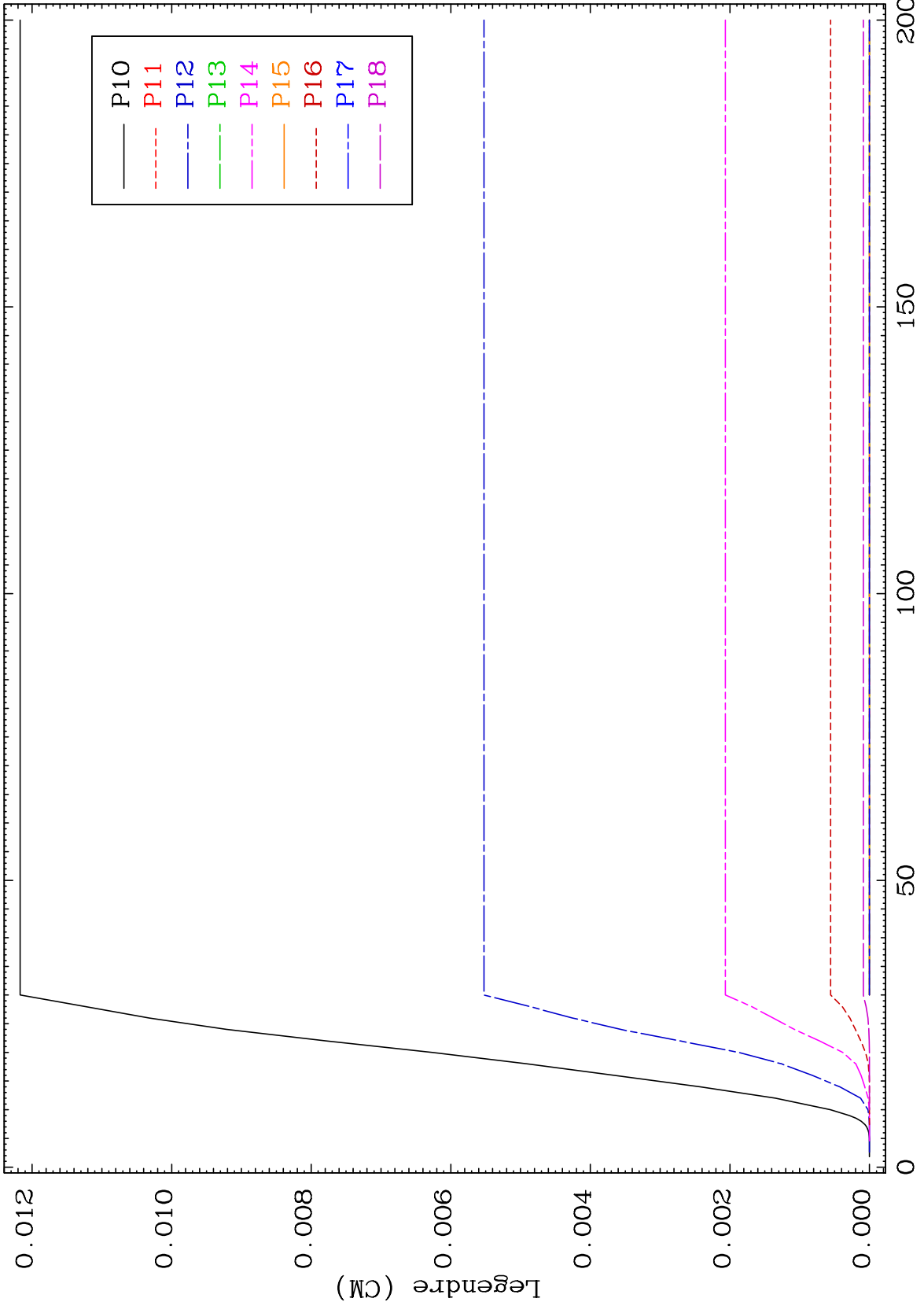


49 Incident Energy (MeV) 50-Sn-119

MAT 5046

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

50-Sn-119

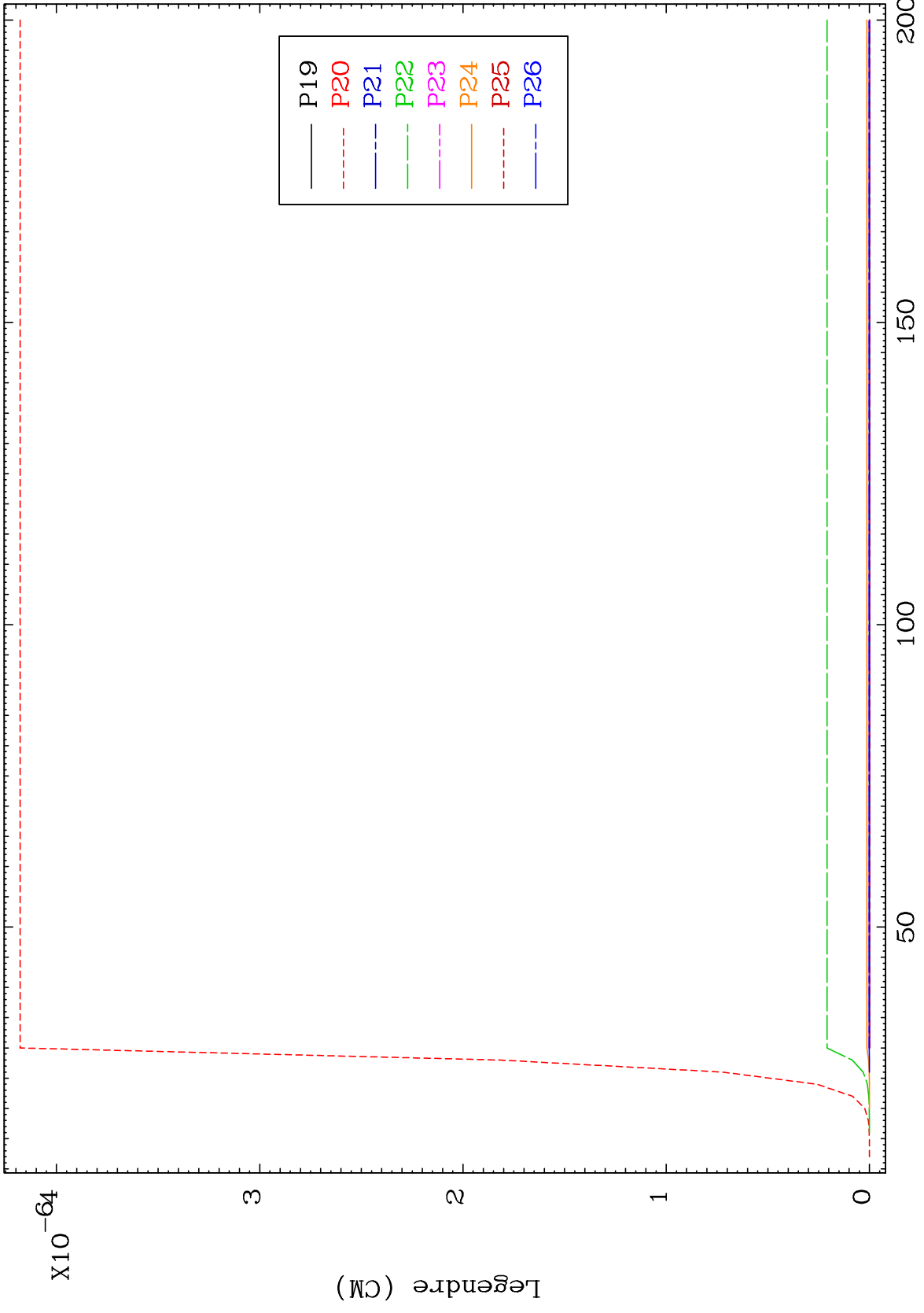


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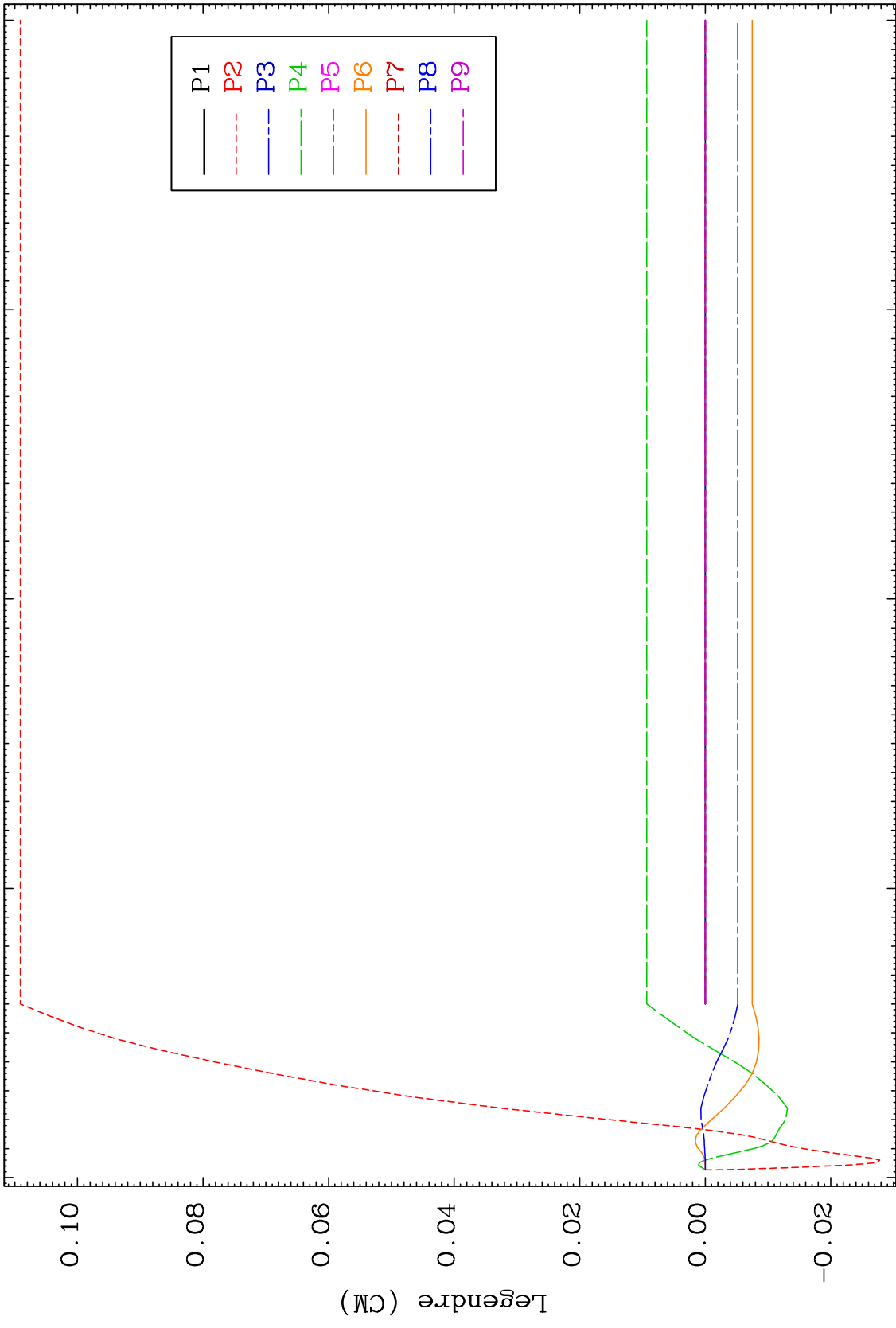
Incident Energy (MeV)

50-Sn-119

MAT 5046 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-119



MAT 5046 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-119

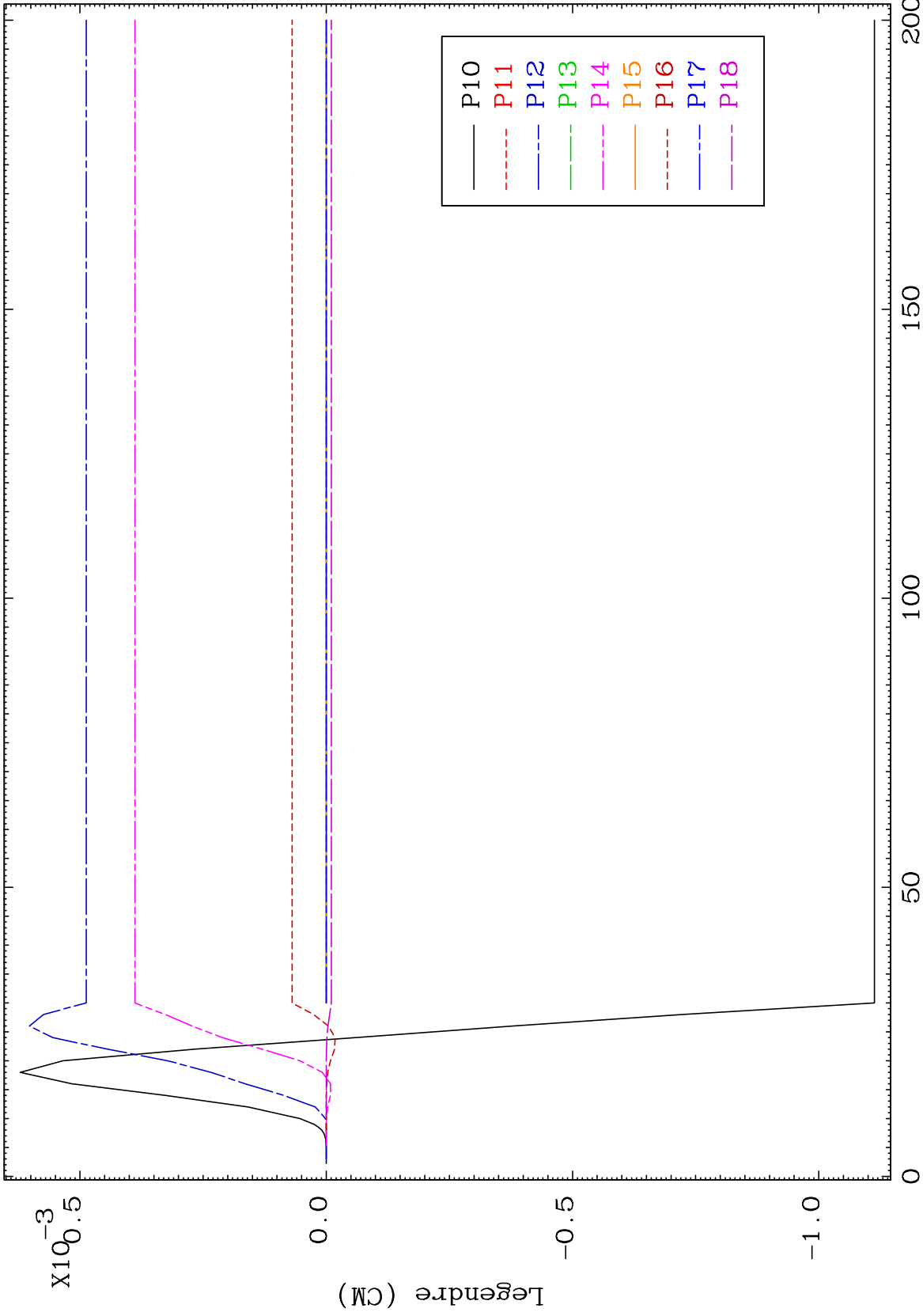


52 50-Sn-119

MAT 5046

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

50-Sn-119

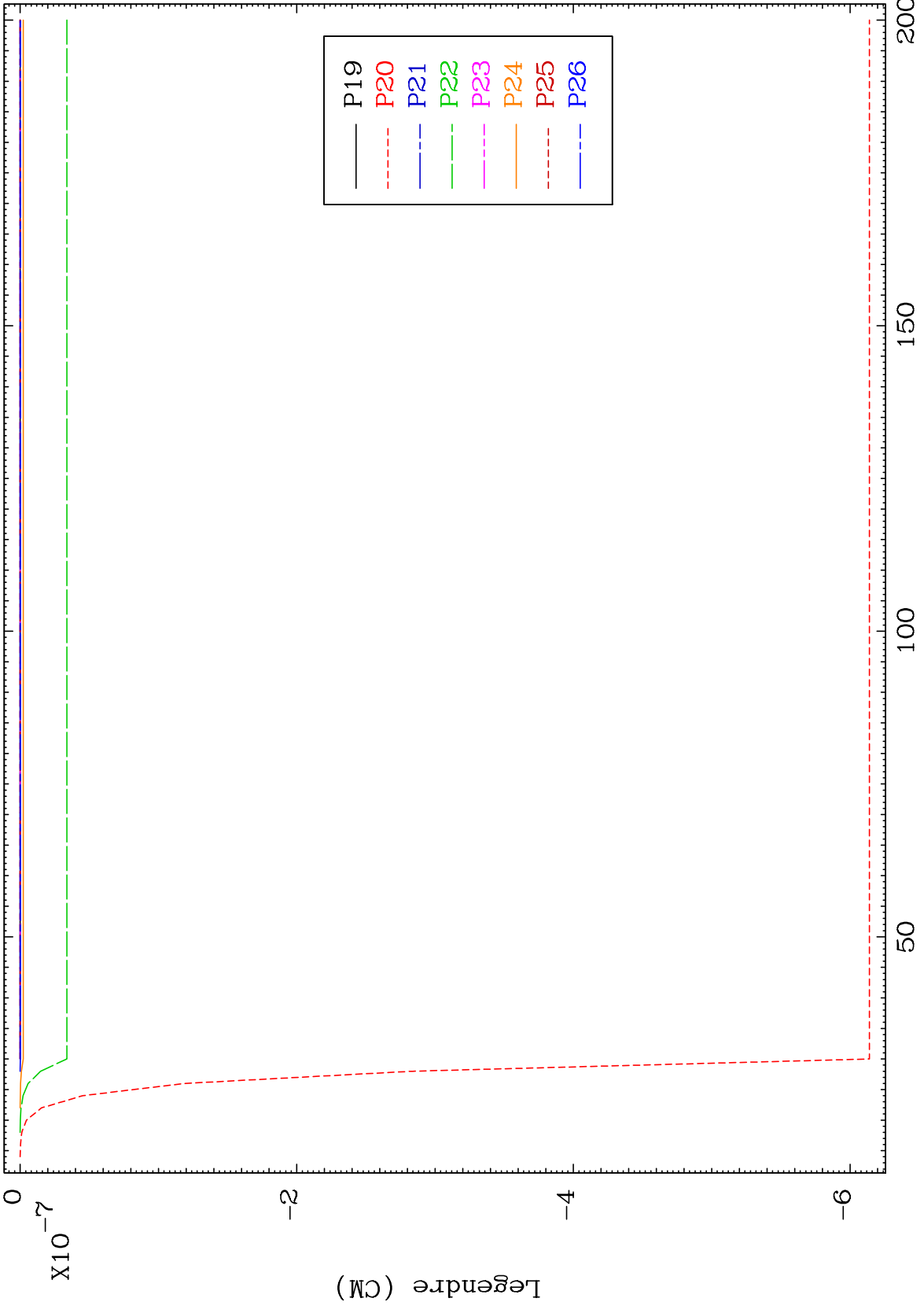


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Incident Energy (MeV)

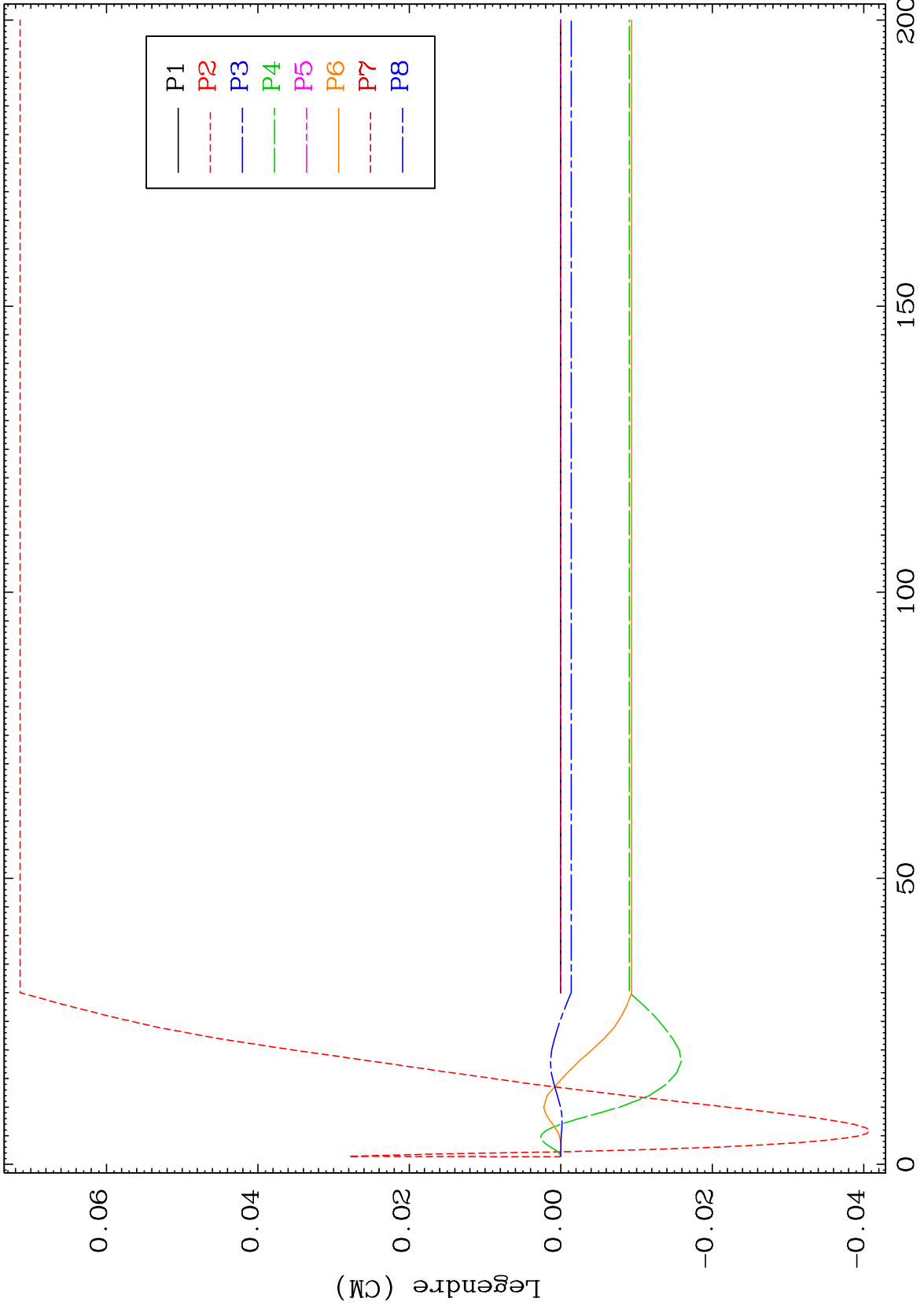
50-Sn-119

MAT 5046 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-119



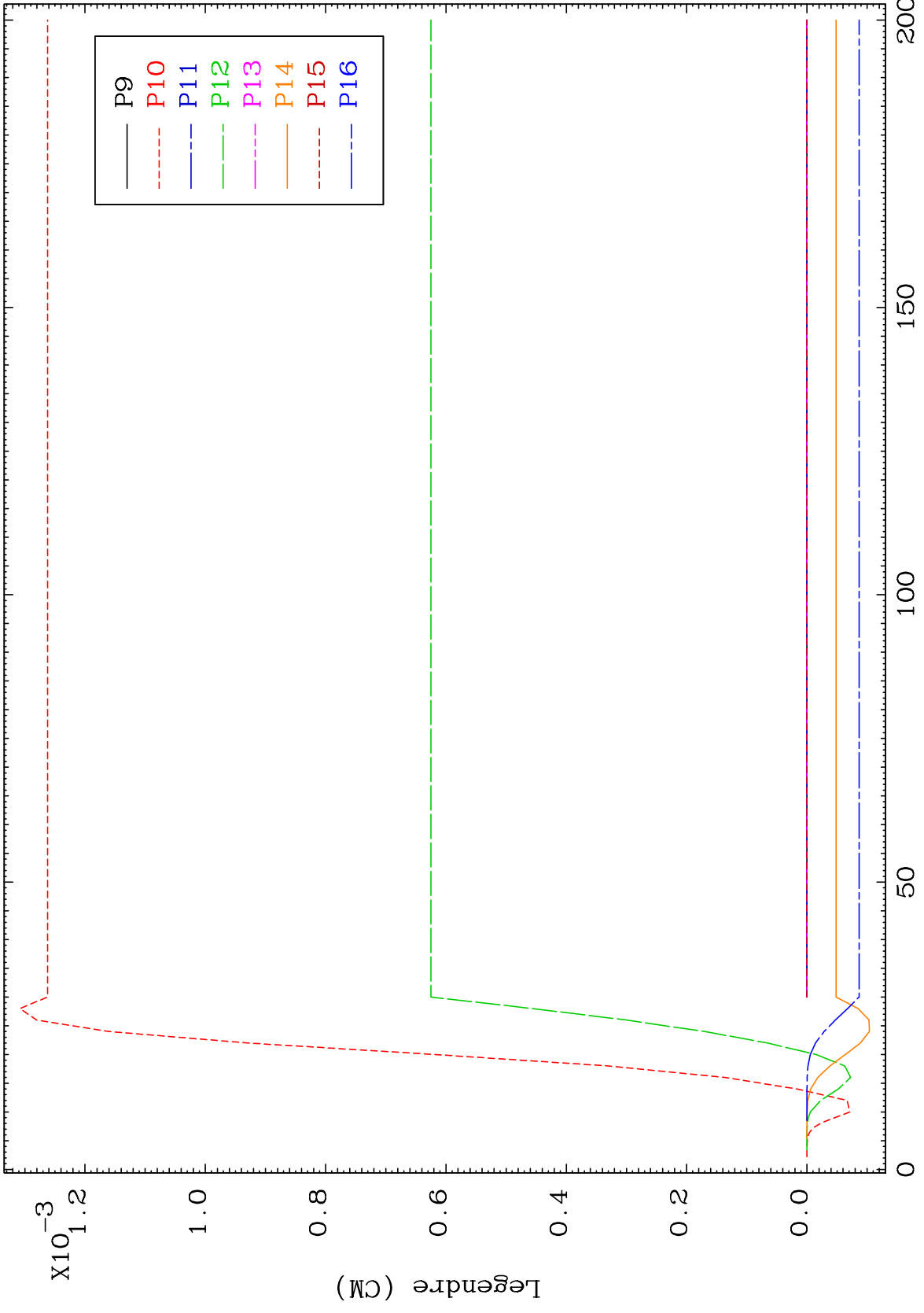
54 50-Sn-119

MAT 5046 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-119



55 50-Sn-119

MAT 5046 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-119

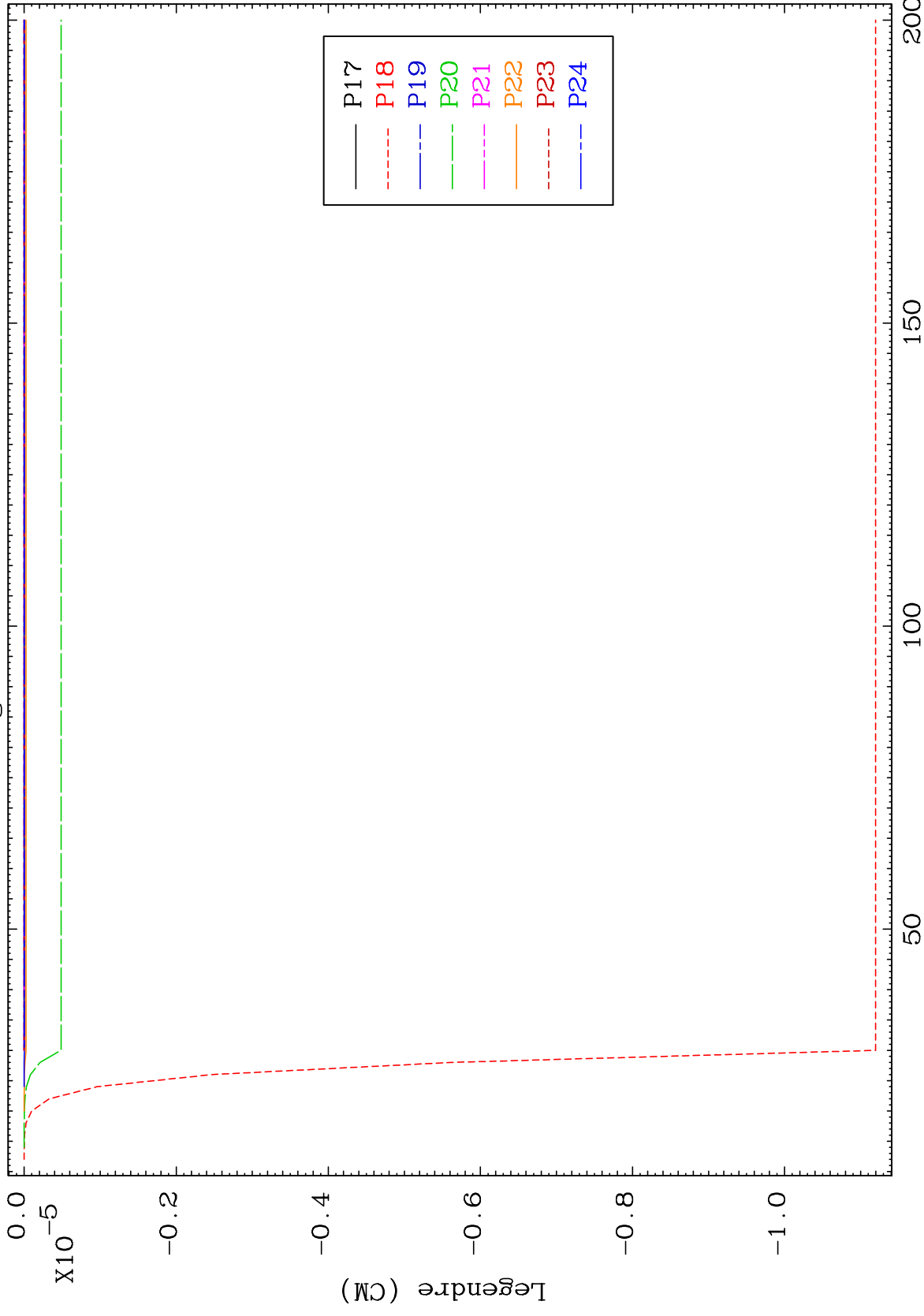


56 50-Sn-119

MAT 5046

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

50-Sn-119



50-Sn-119

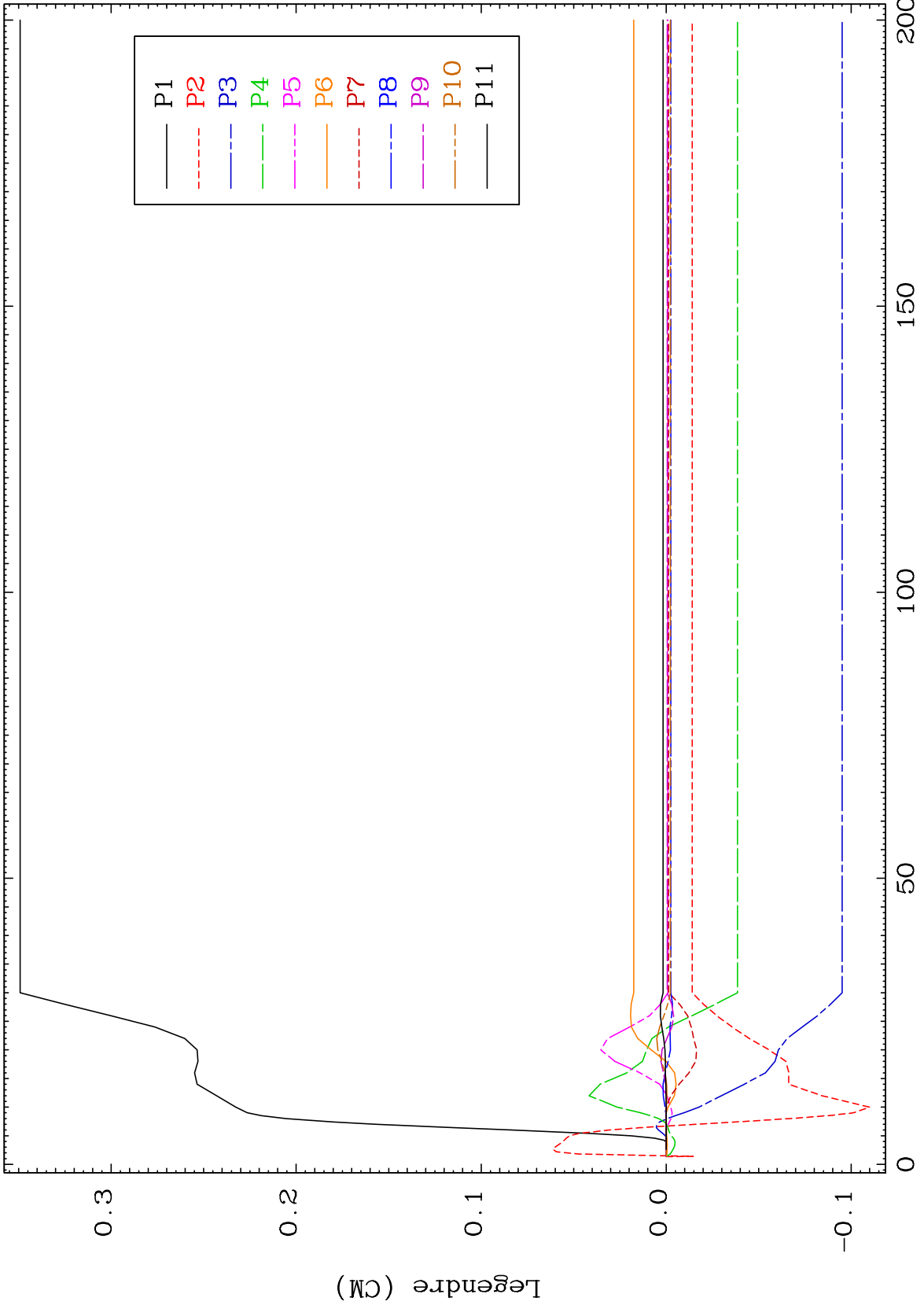
Incident Energy (MeV)

57

MAT 5046

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

50-Sn-119



58

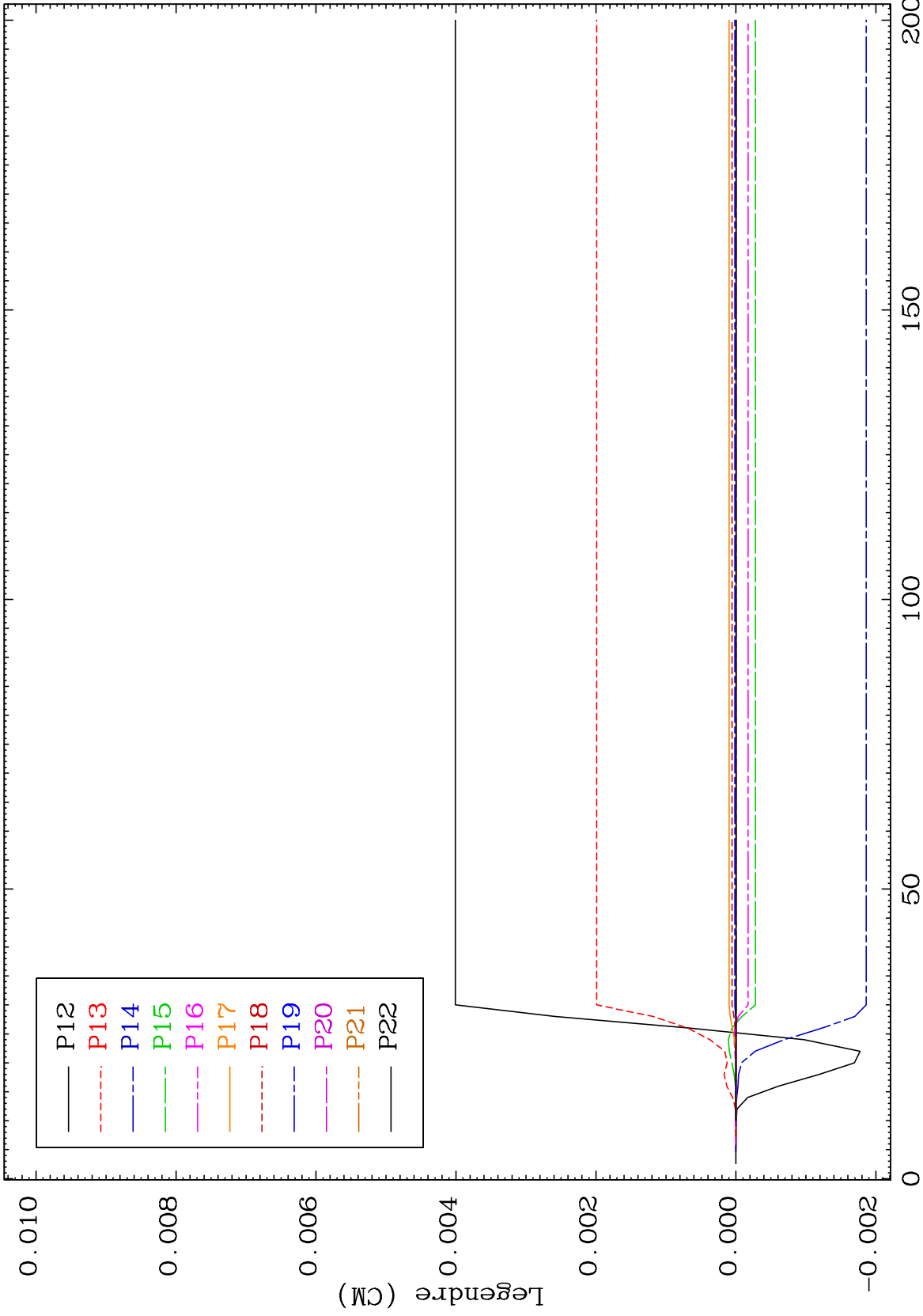
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119



59

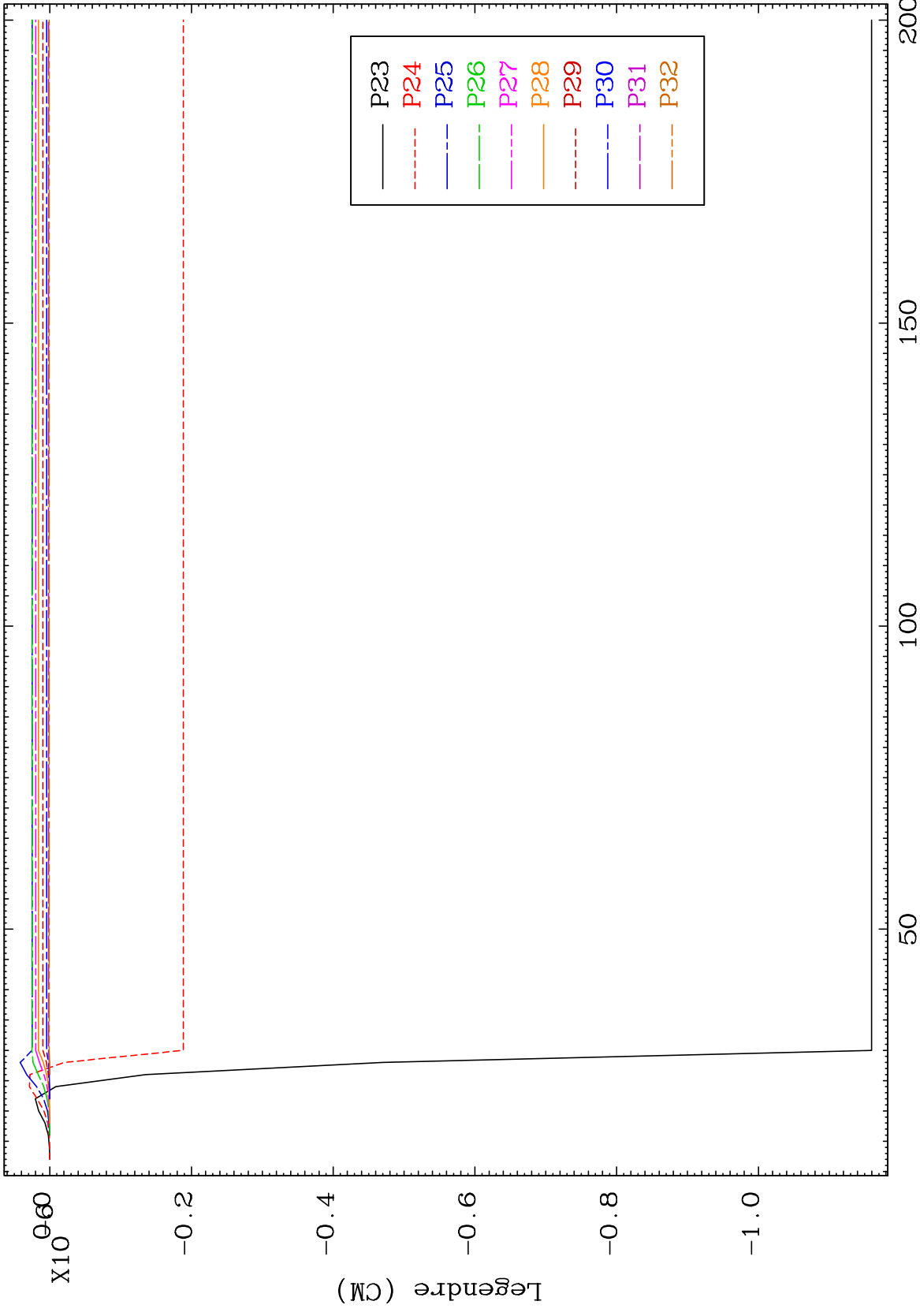
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119

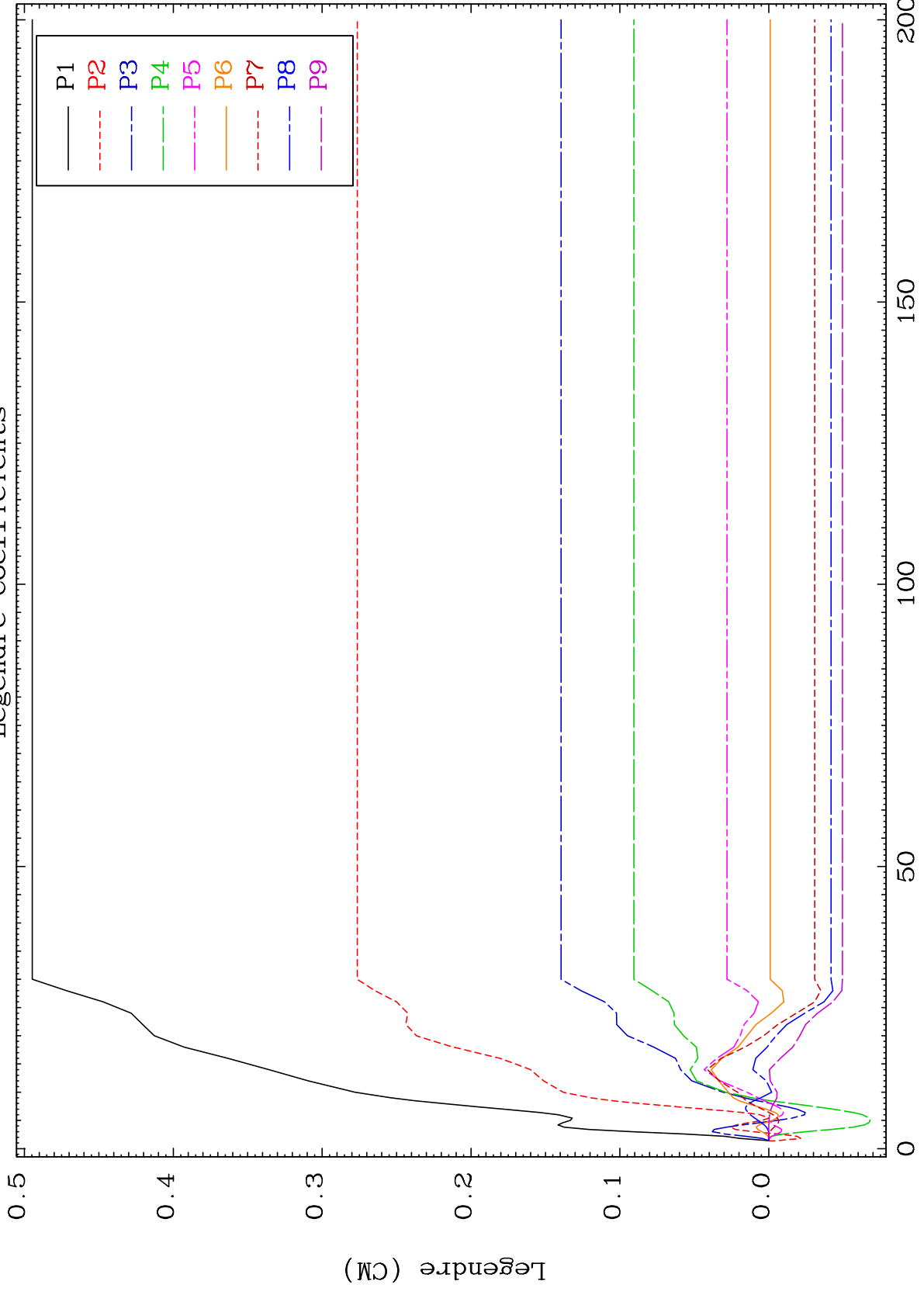


50-Sn-119

Incident Energy (MeV)

60

MAT 5046 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-119

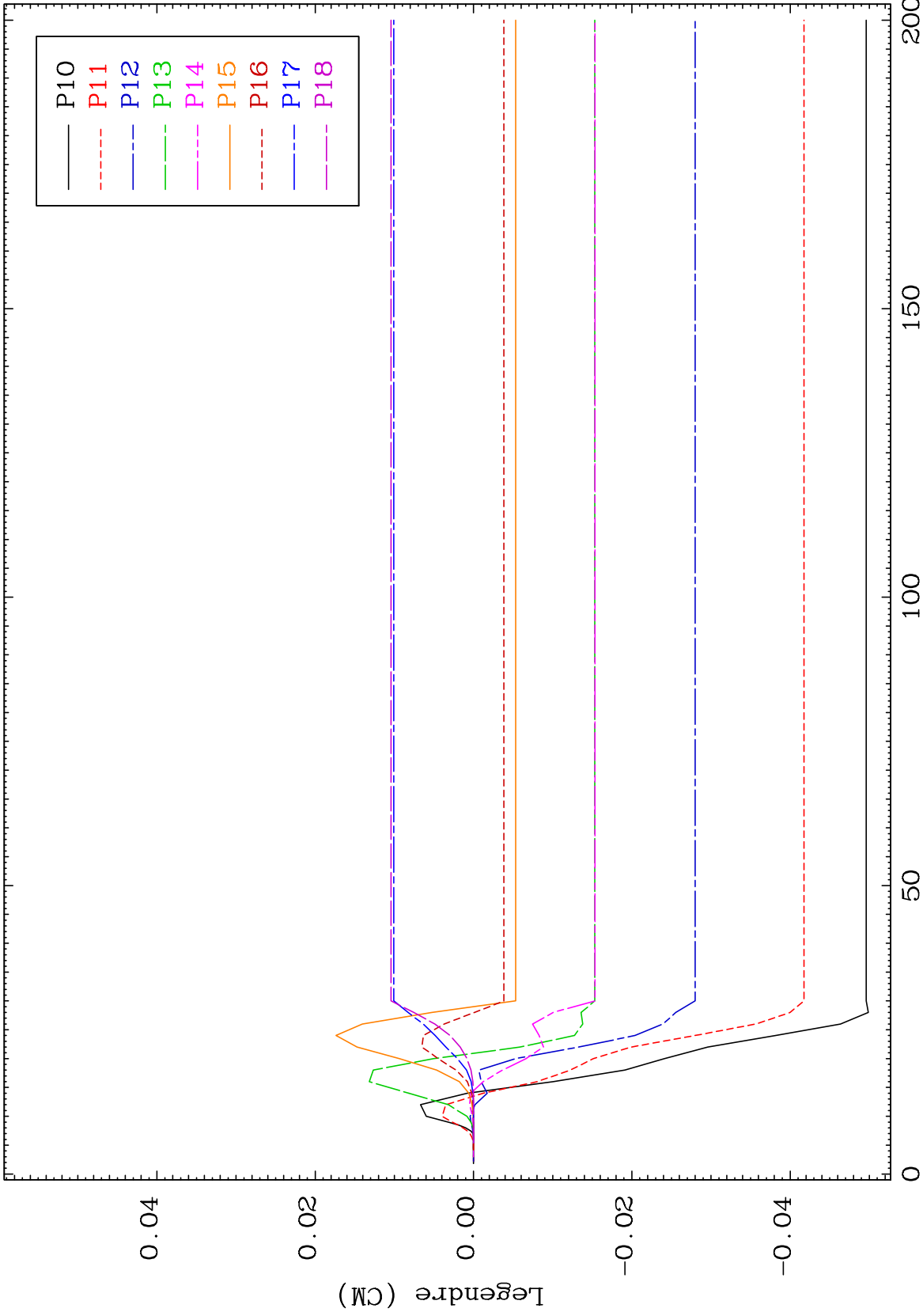


61 50-Sn-119

MAT 5046

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

50-Sn-119



62

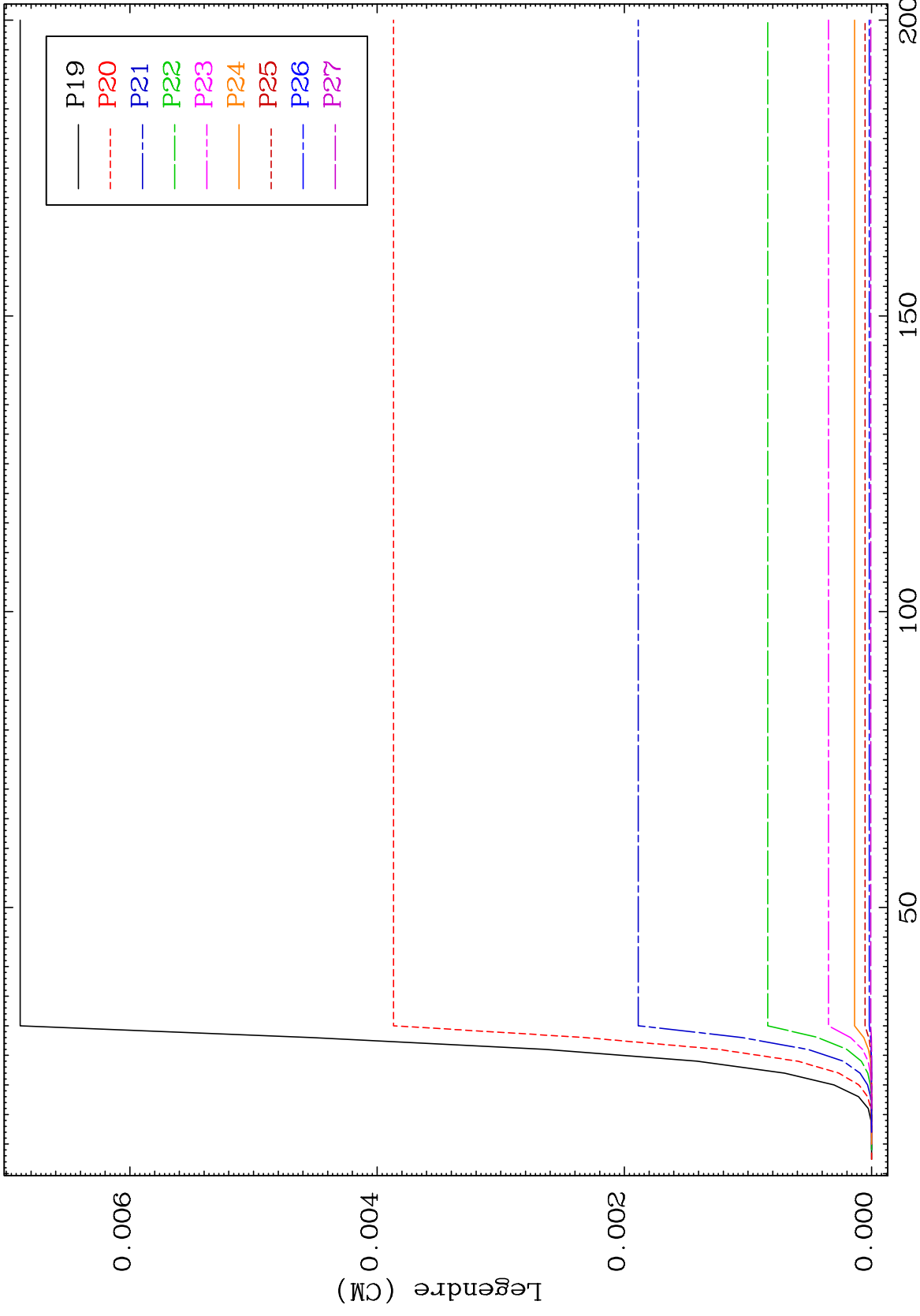
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

50-Sn-119



50-Sn-119

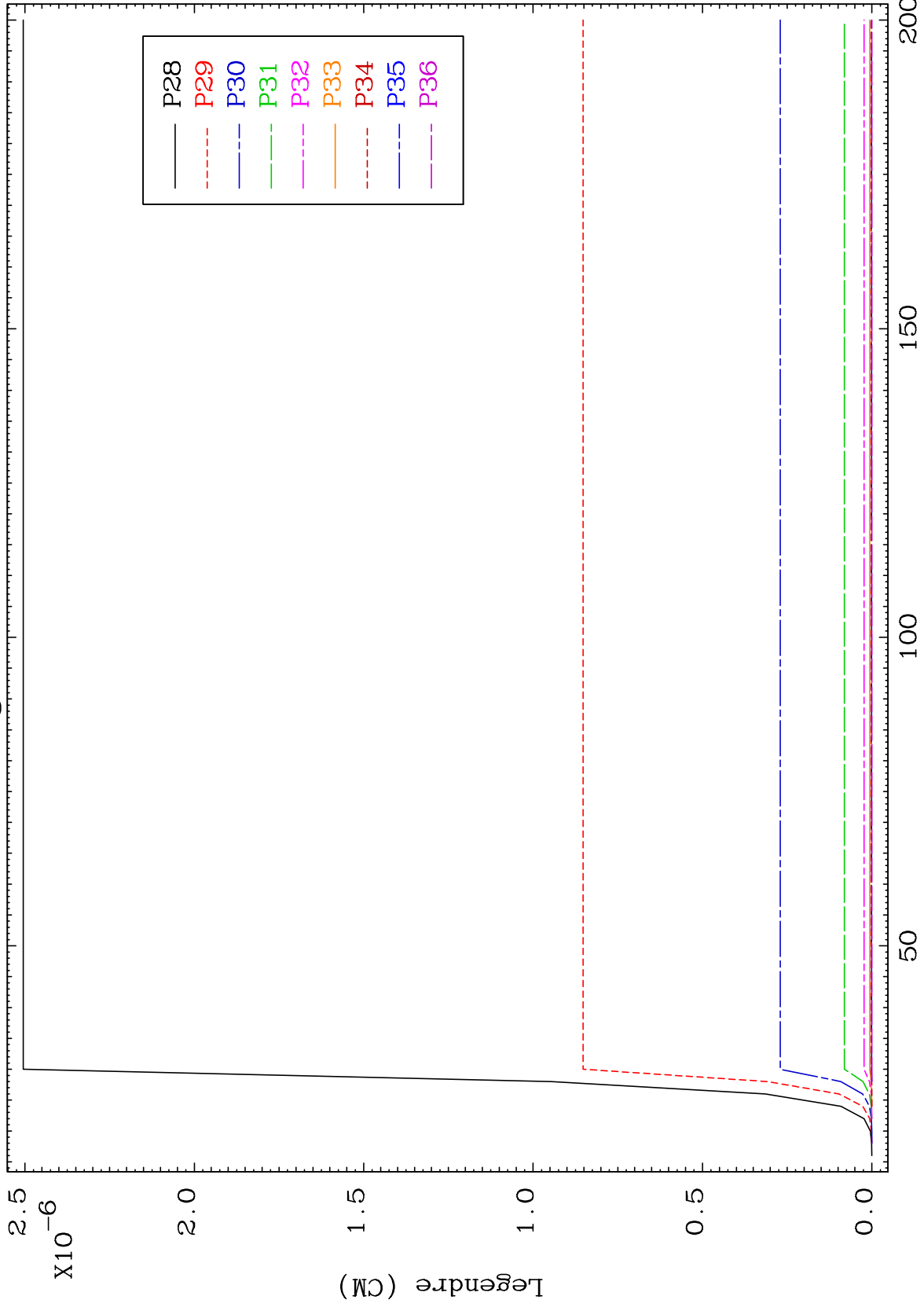
Incident Energy (MeV)

63

MAT 5046

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

50-Sn-119



64

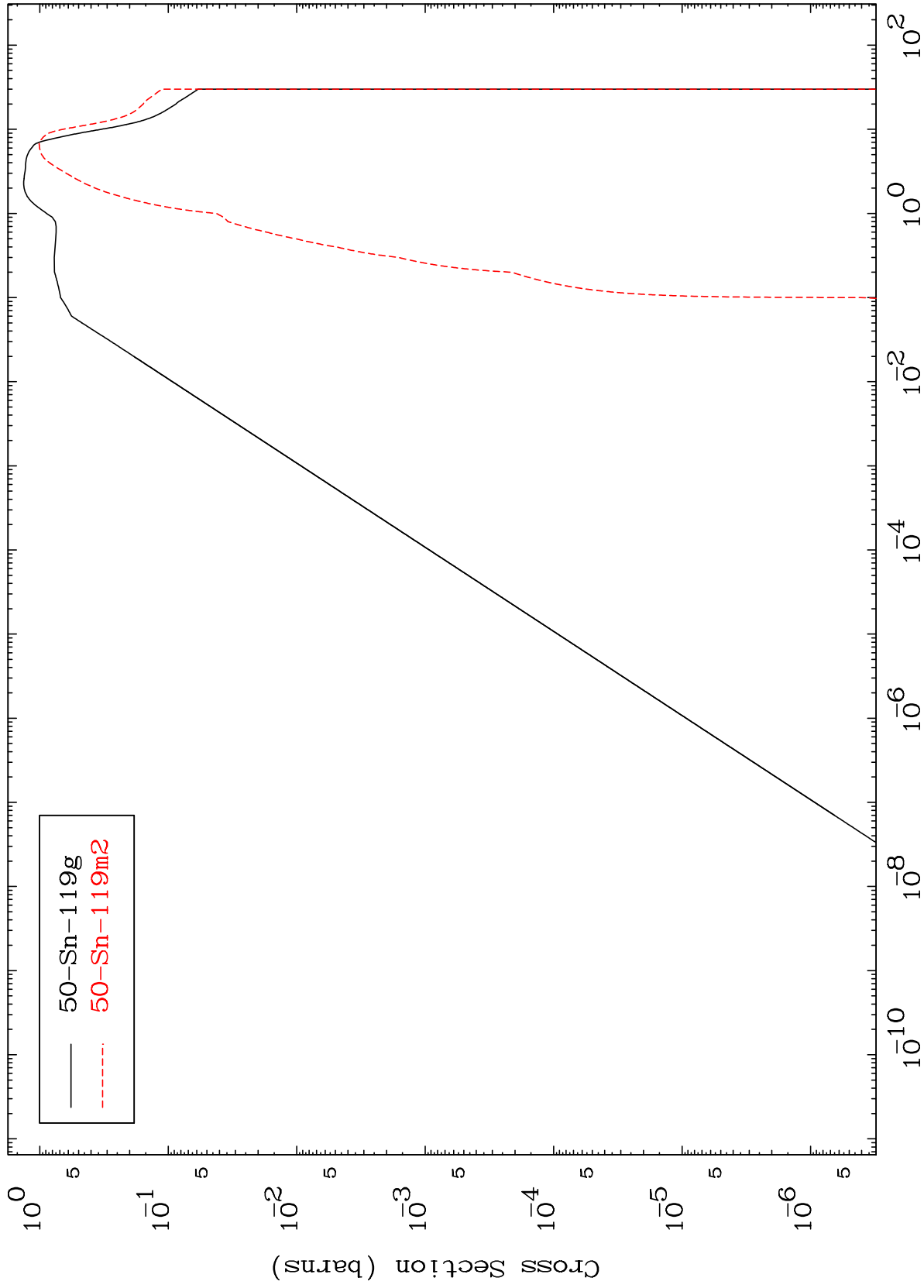
Incident Energy (MeV)

50-Sn-119

MAT 5046

Inelastic
Radionuclide Production Cross Section

50-Sn-119



65

Incident Energy (MeV)

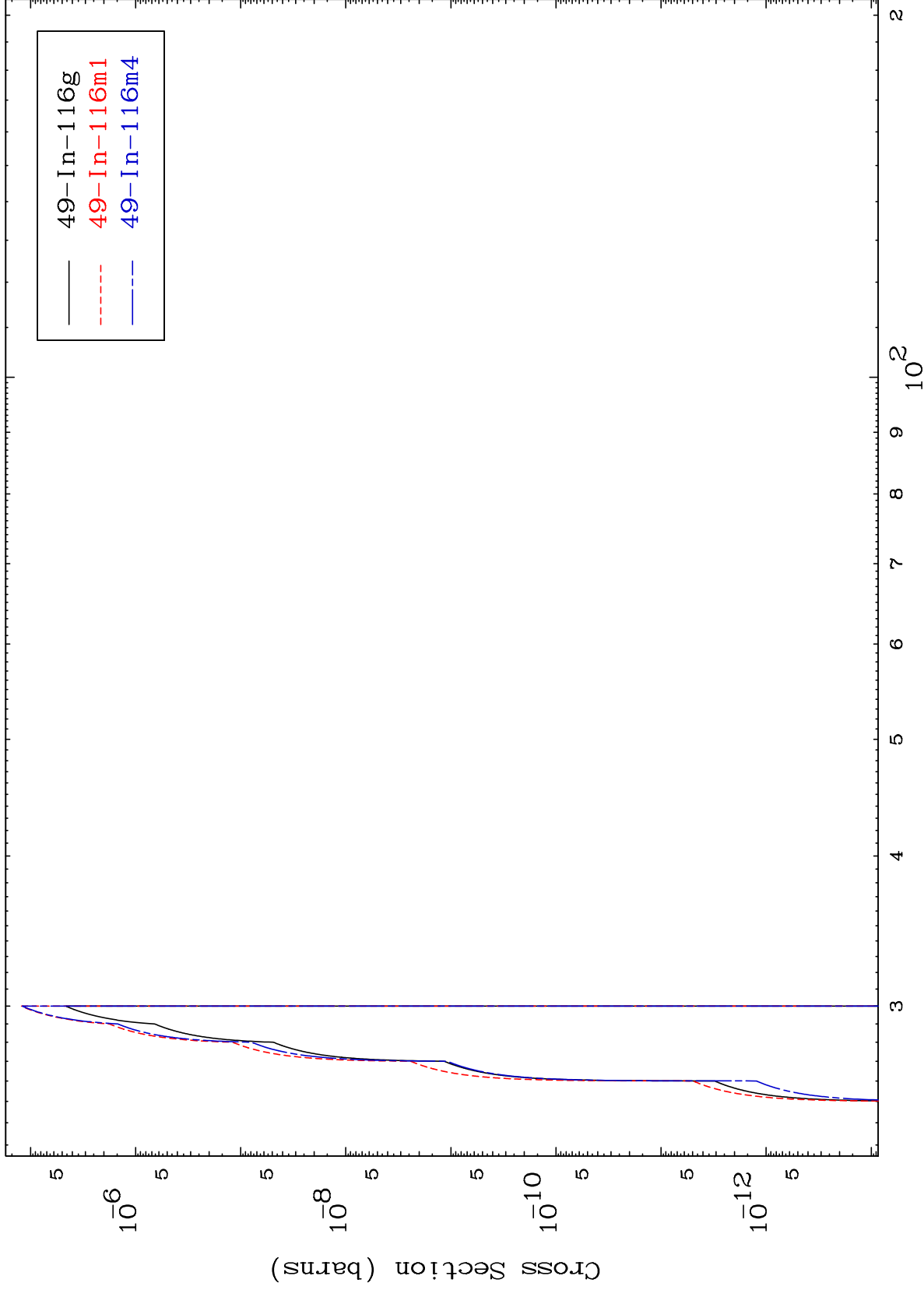
50-Sn-119

MAT 5046

(n,2n) d

50-Sn-119

Radionuclide Production Cross Section



66

Incident Energy (MeV)

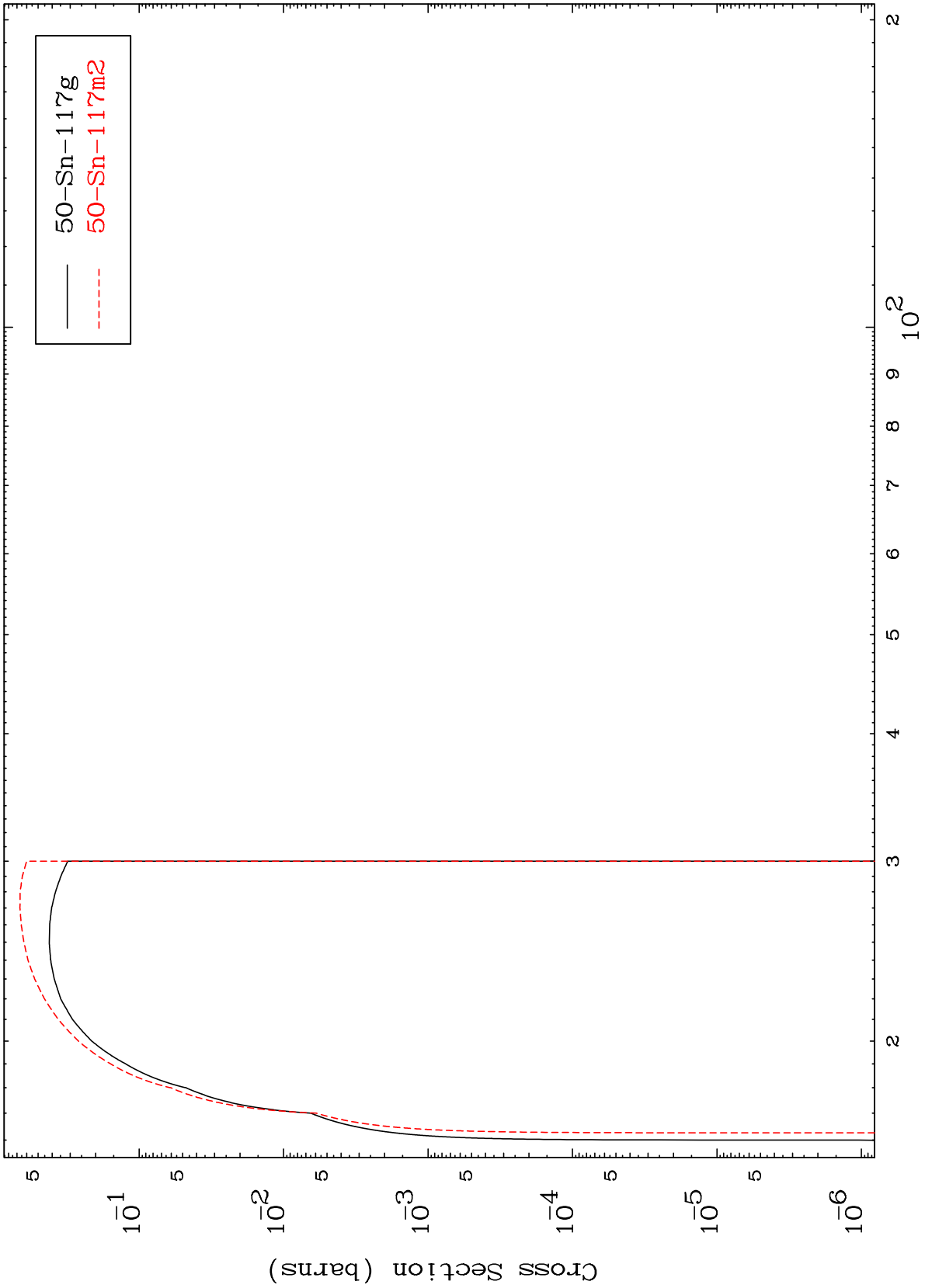
50-Sn-119

MAT 5046

(n,3n)

50-Sn-119

Radionuclide Production Cross Section



67

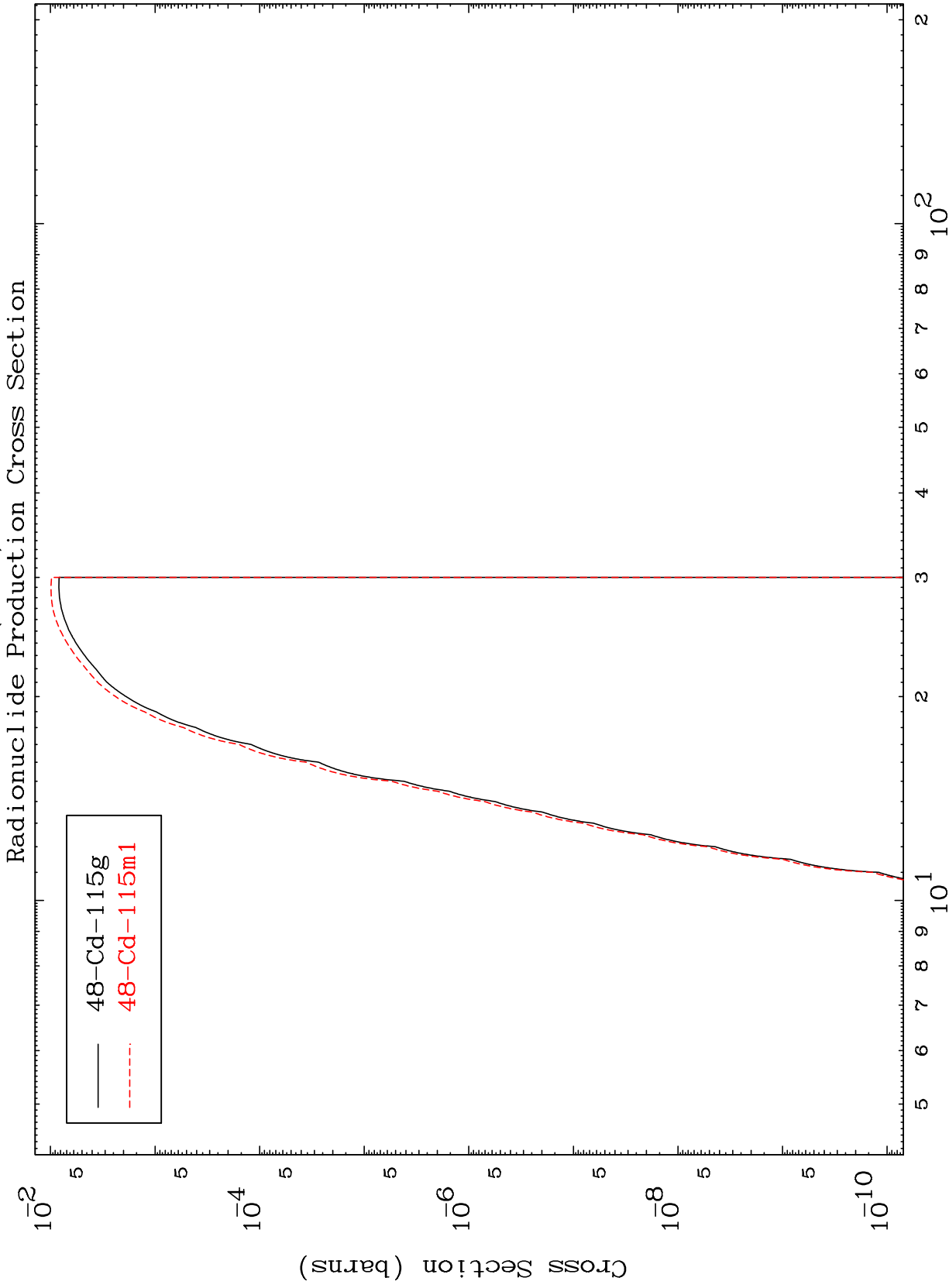
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,n') α

50-Sn-119



68

Incident Energy (MeV)

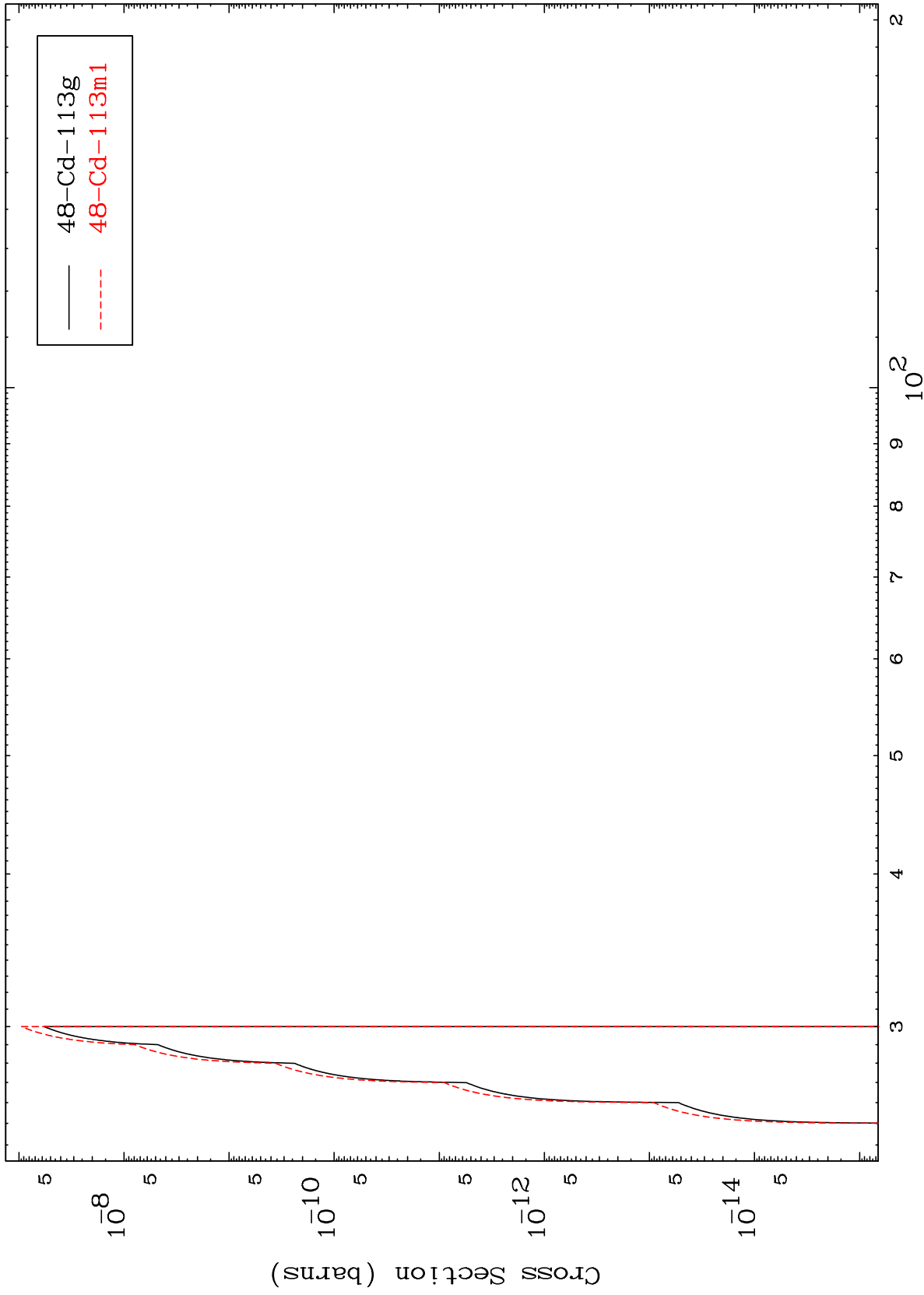
50-Sn-119

MAT 5046

(n,3n) α

50-Sn-119

Radionuclide Production Cross Section



69

Incident Energy (MeV)

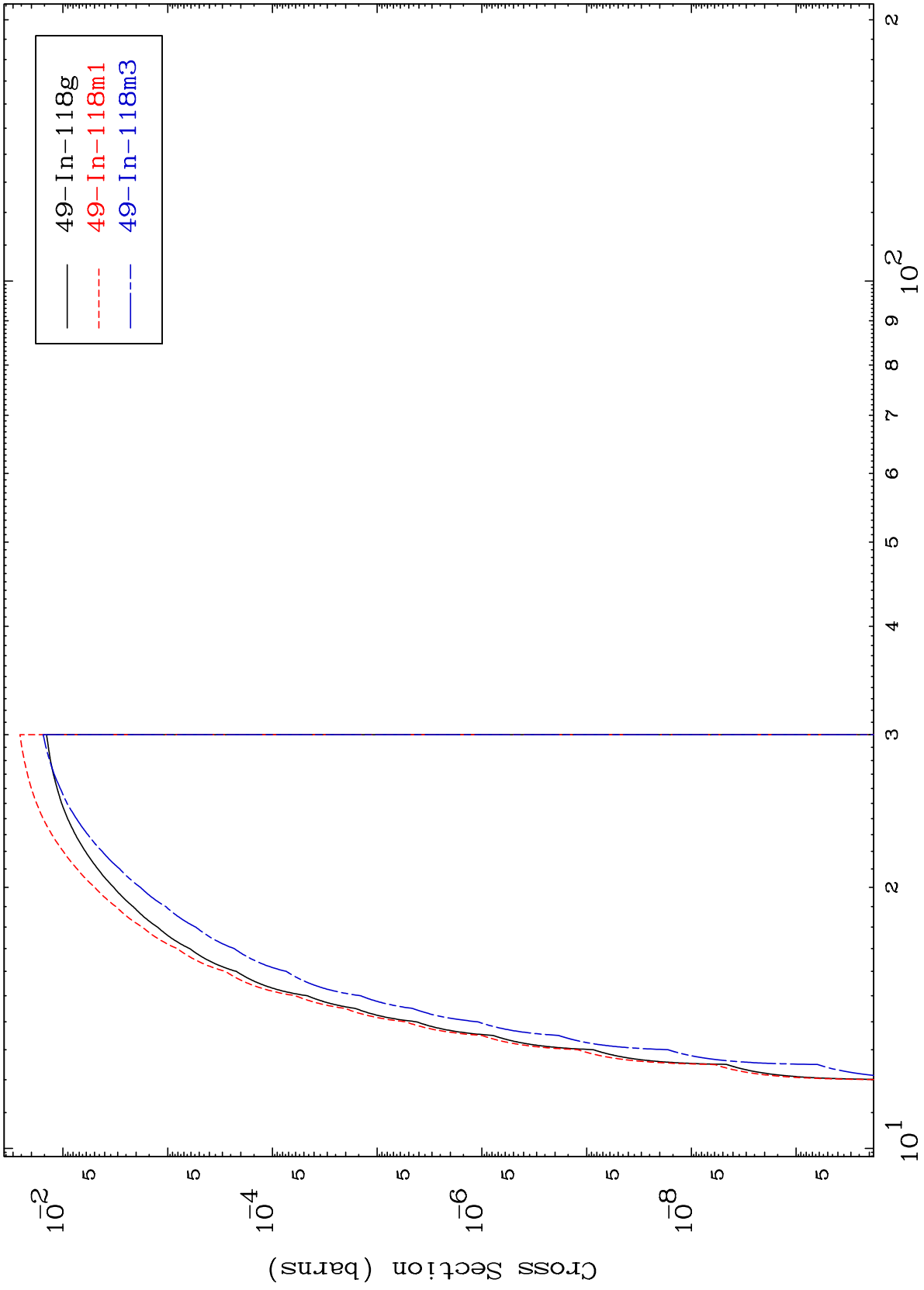
50-Sn-119

MAT 5046

(n,n') p

50-Sn-119

Radionuclide Production Cross Section



Incident Energy (MeV)

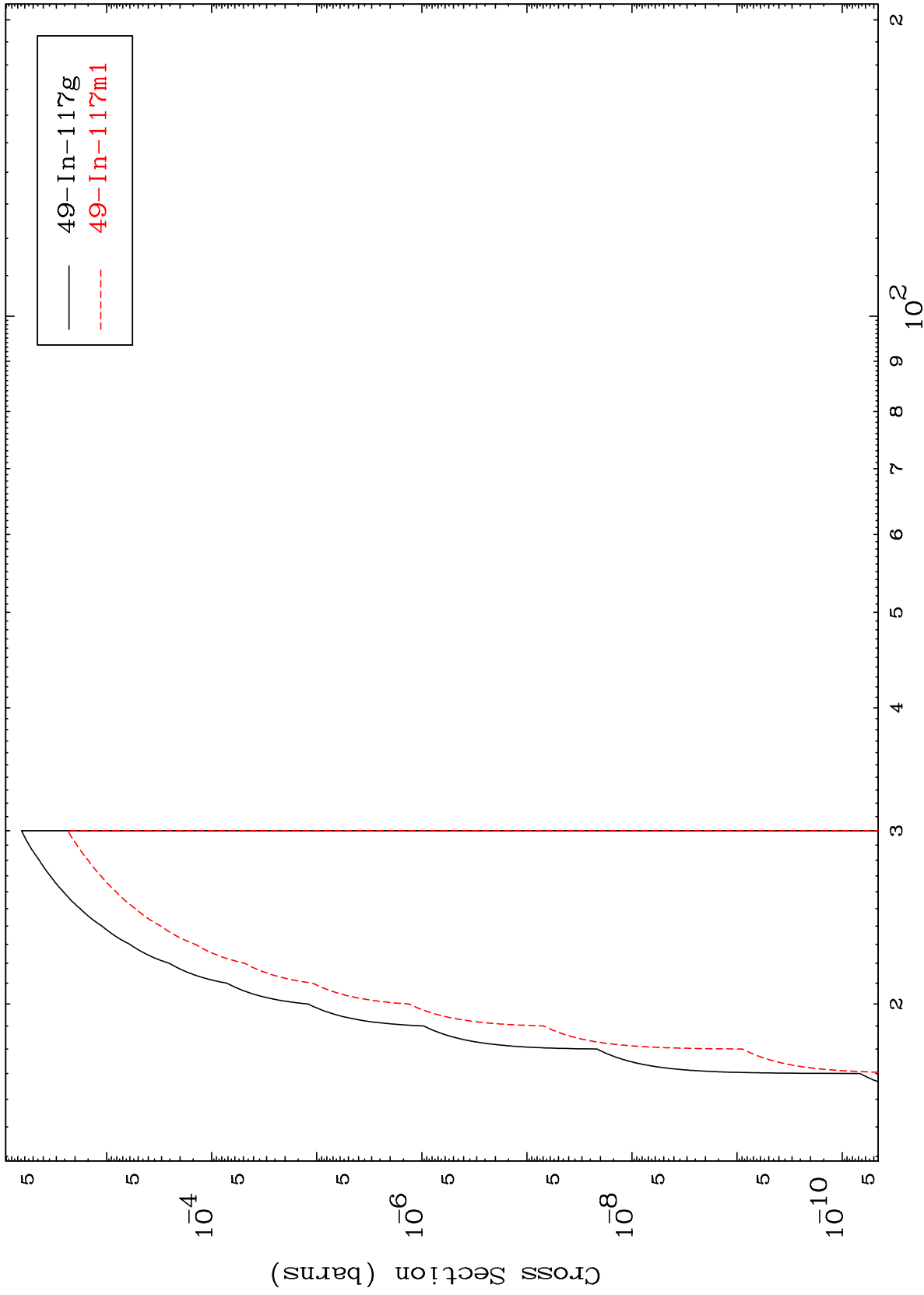
50-Sn-119

MAT 5046

(n,n') d

50-Sn-119

Radionuclide Production Cross Section



71

Incident Energy (MeV)

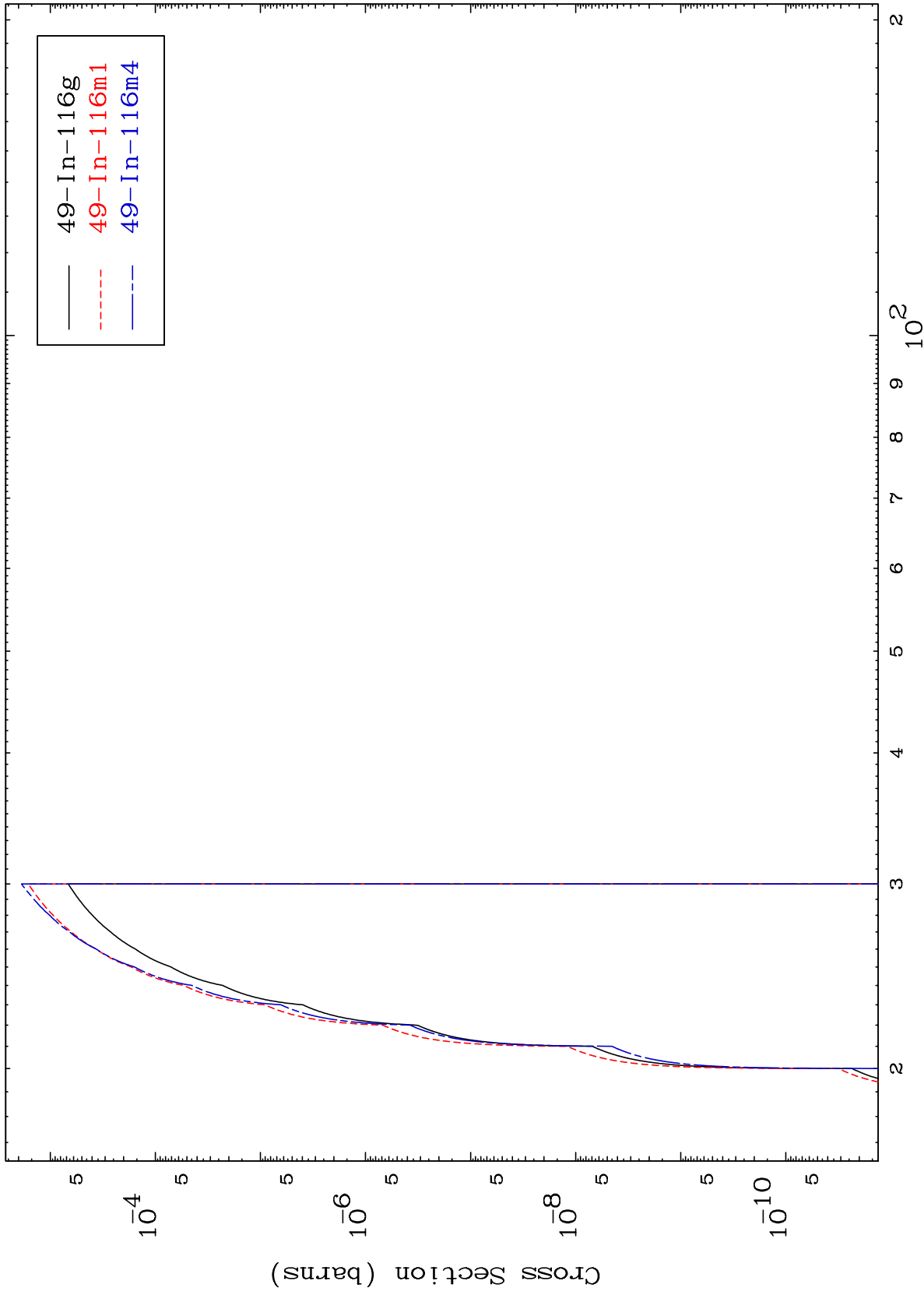
50-Sn-119

MAT 5046

(n,n') t

50-Sn-119

Radionuclide Production Cross Section



72

Incident Energy (MeV)

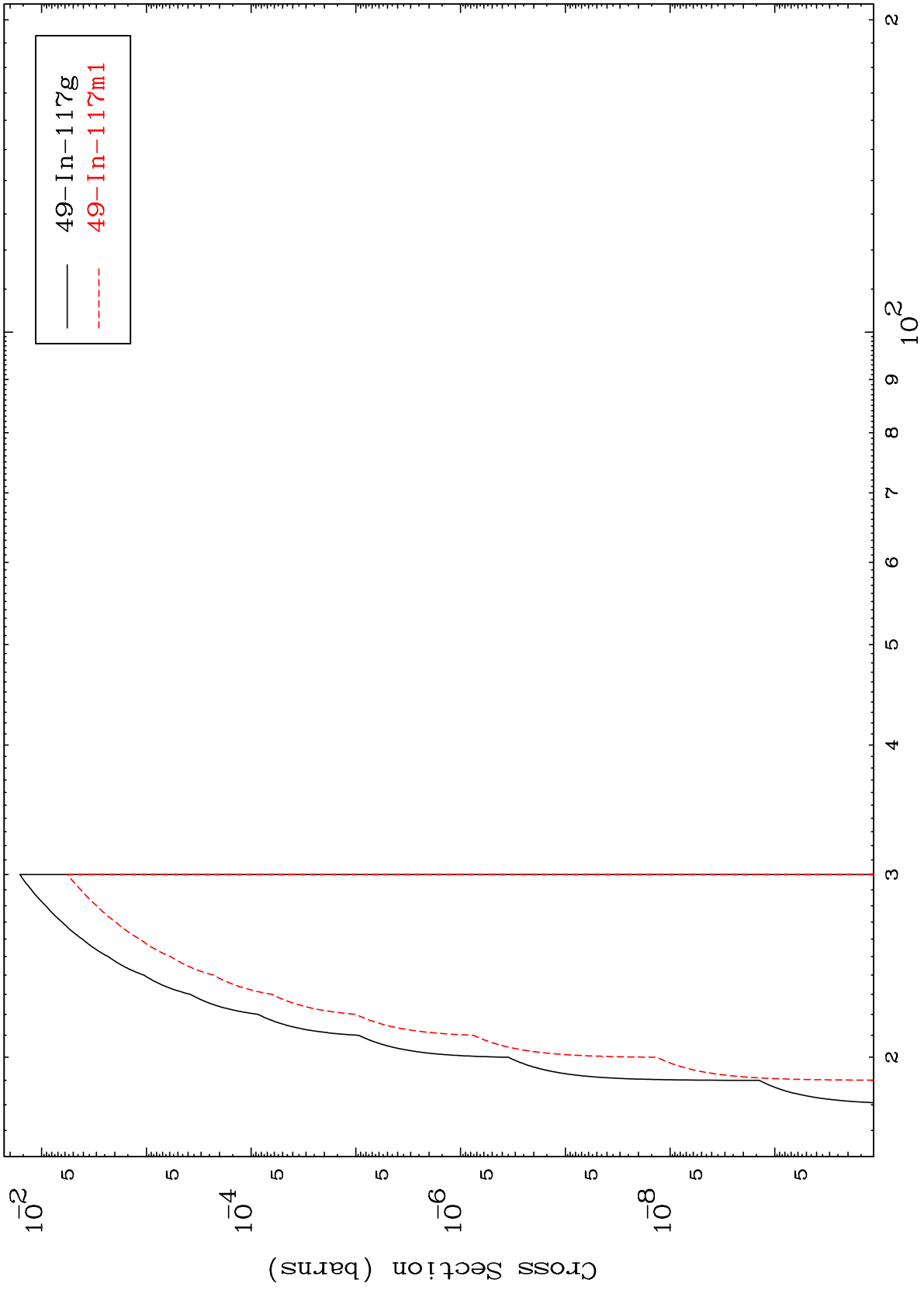
50-Sn-119

MAT 5046

(n,2n) p

50-Sn-119

Radionuclide Production Cross Section



73

Incident Energy (MeV)

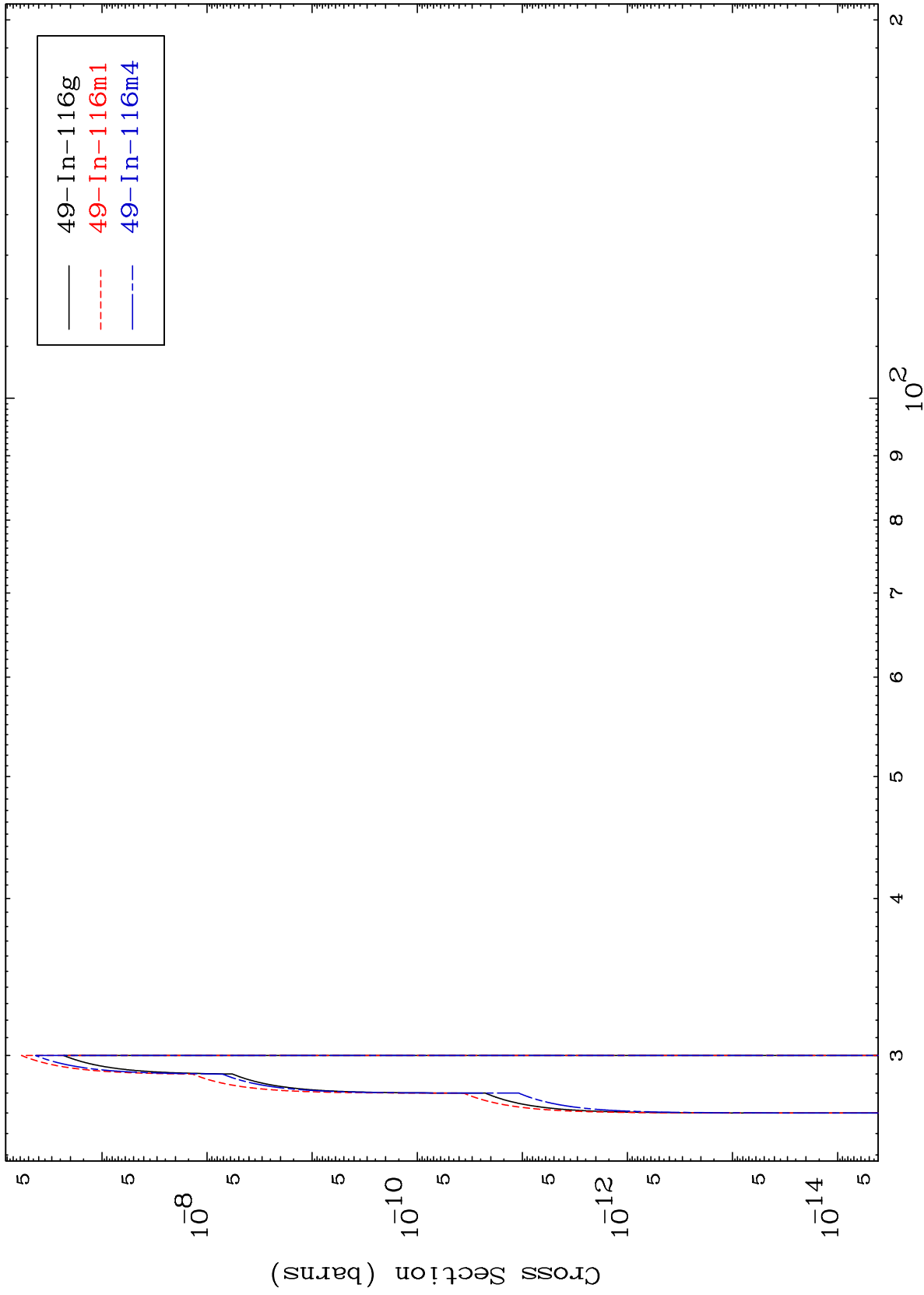
50-Sn-119

MAT 5046

(n,3n) p

50-Sn-119

Radionuclide Production Cross Section



74

Incident Energy (MeV)

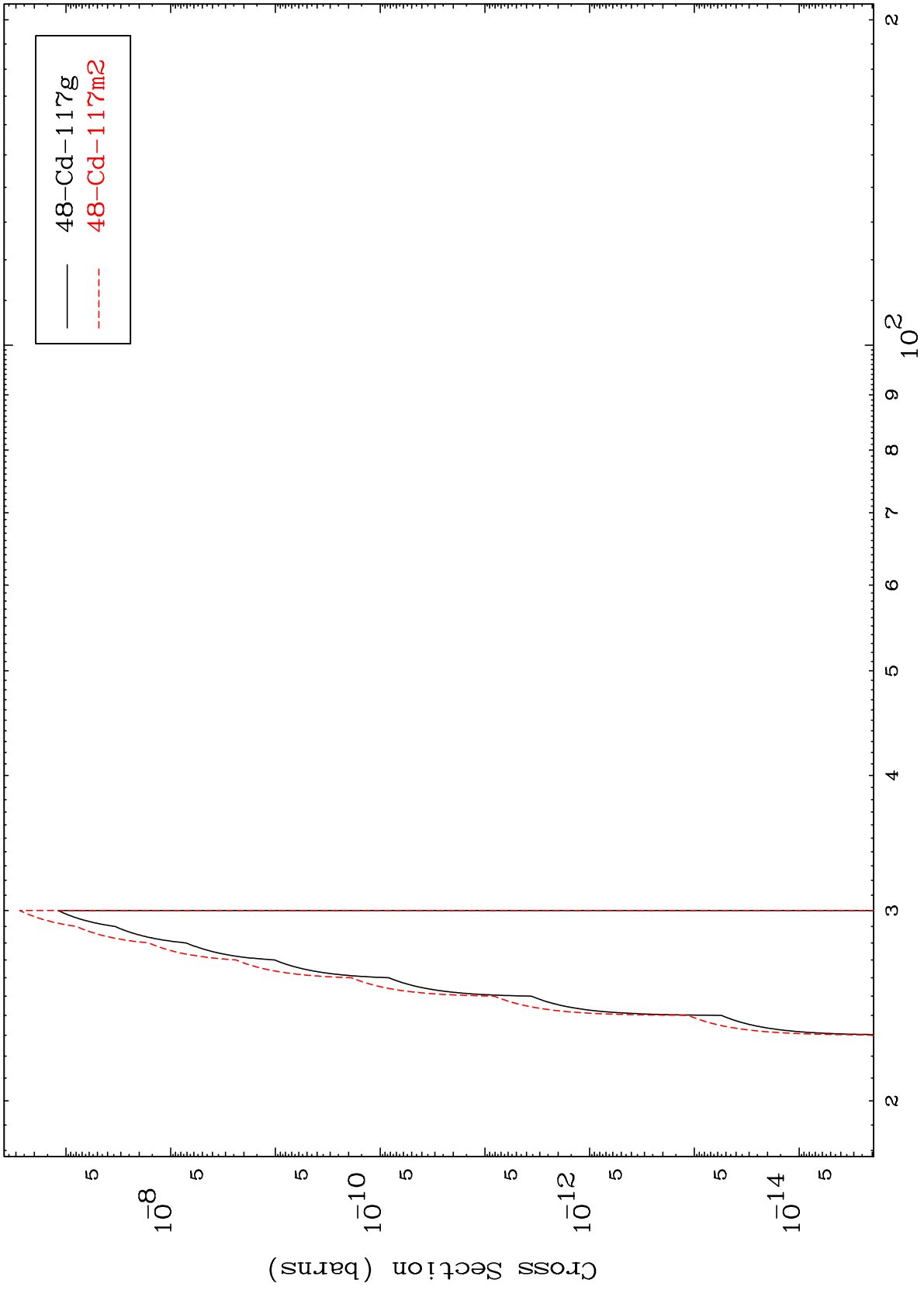
50-Sn-119

MAT 5046

(n,2n) p

50-Sn-119

Radionuclide Production Cross Section



75

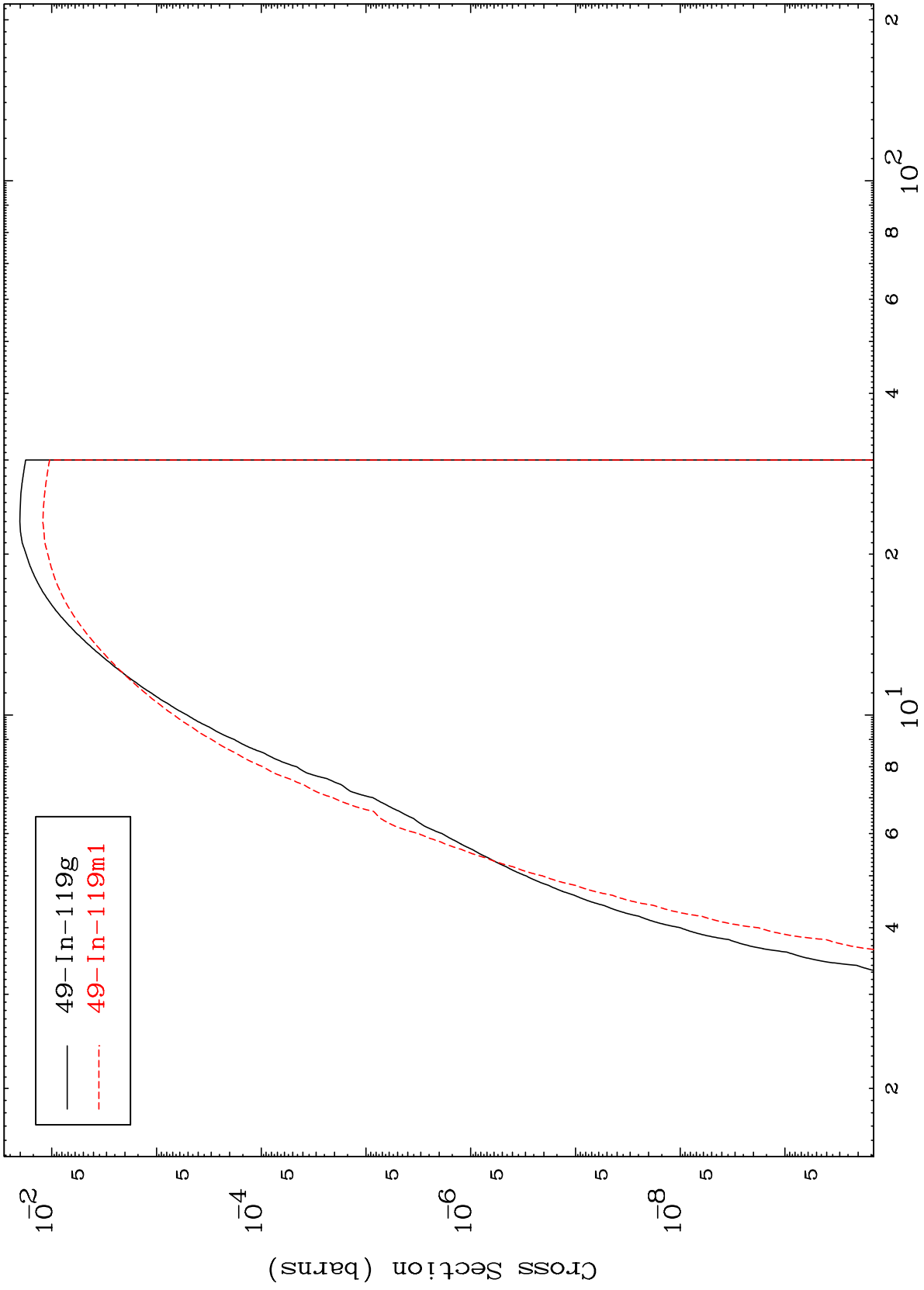
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n,p)
Radionuclide Production Cross Section



76

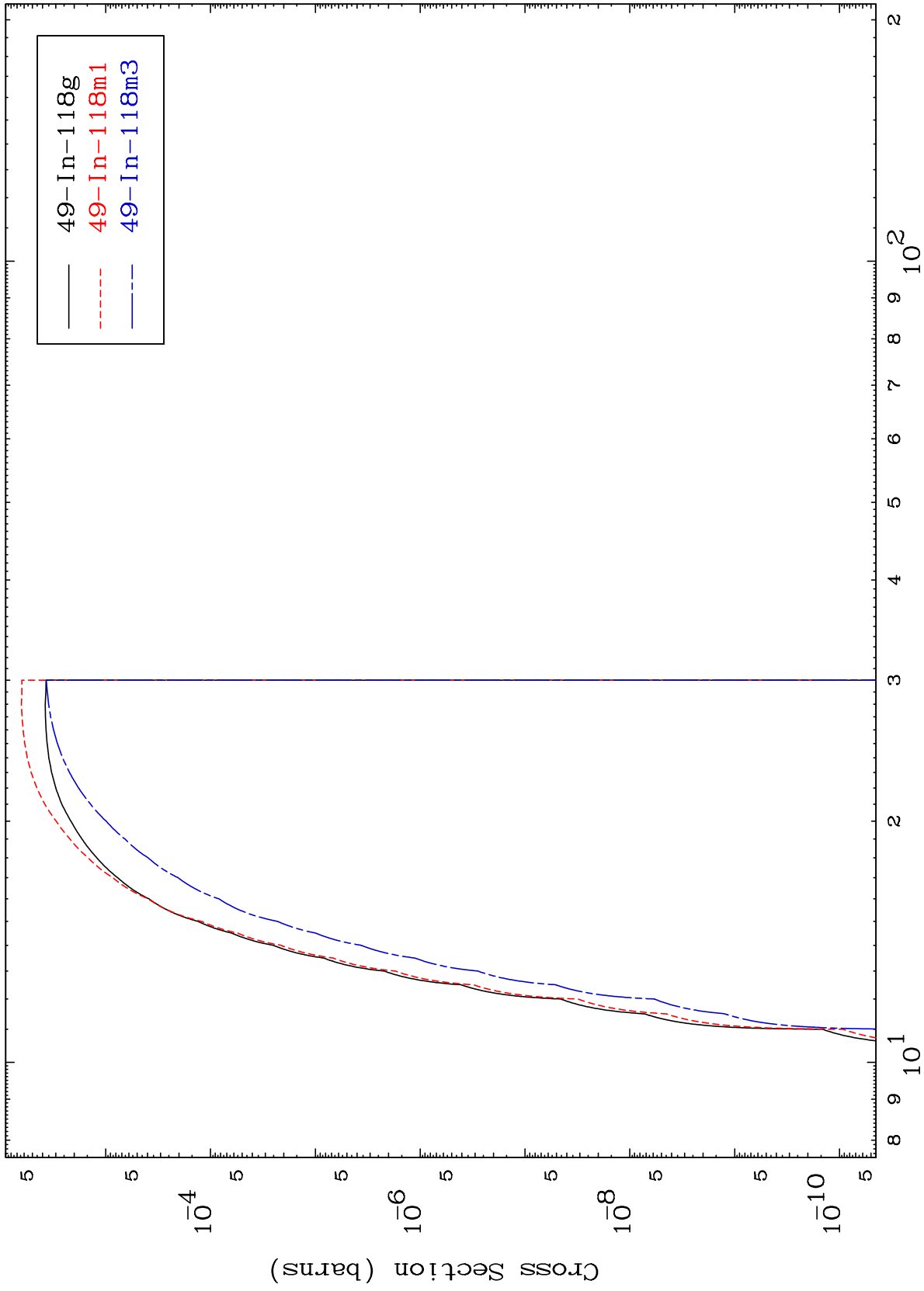
50-Sn-119

MAT 5046

(n,d)

50-Sn-119

Radionuclide Production Cross Section



77

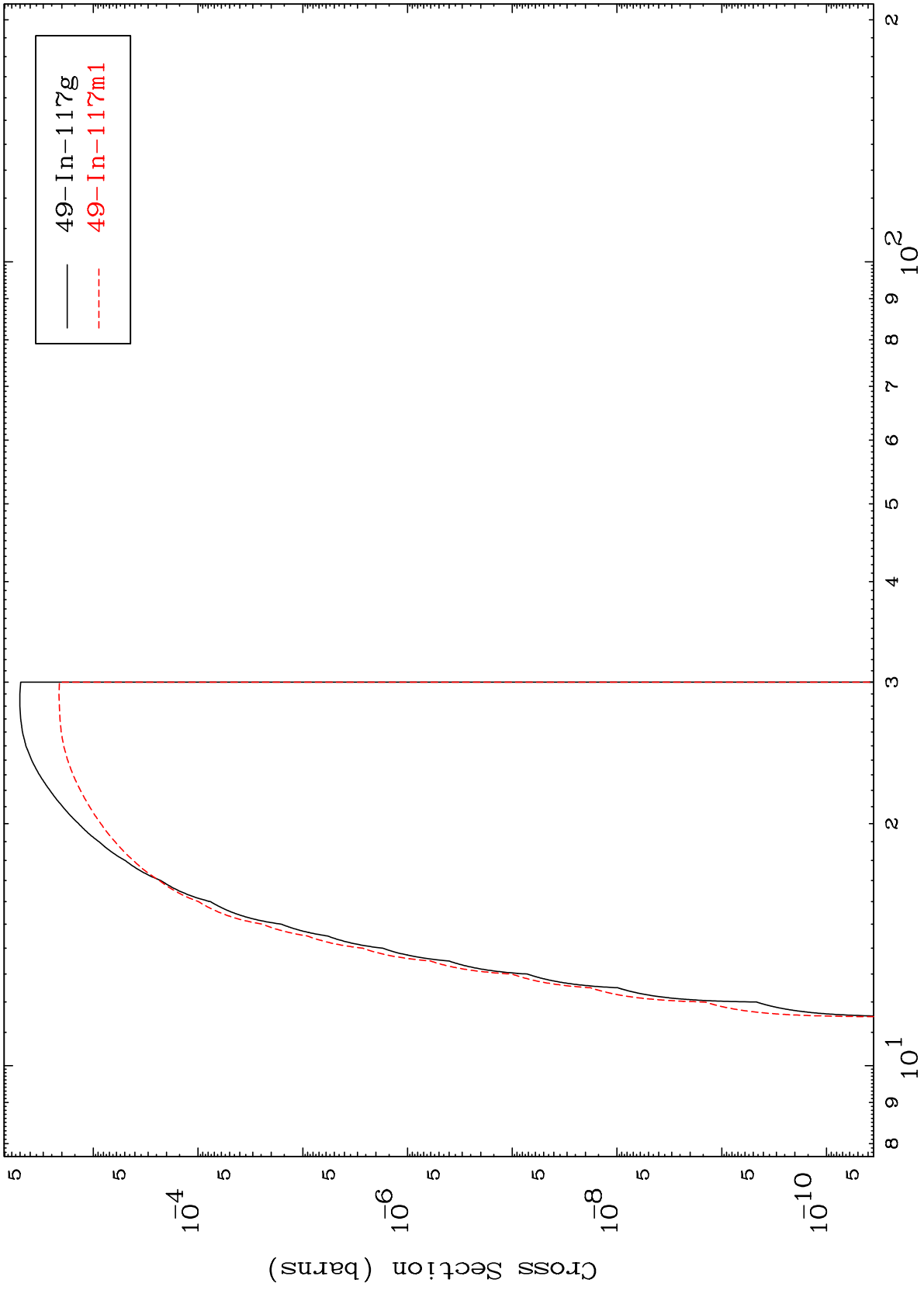
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n, t)
Radionuclide Production Cross Section



78

Incident Energy (MeV)

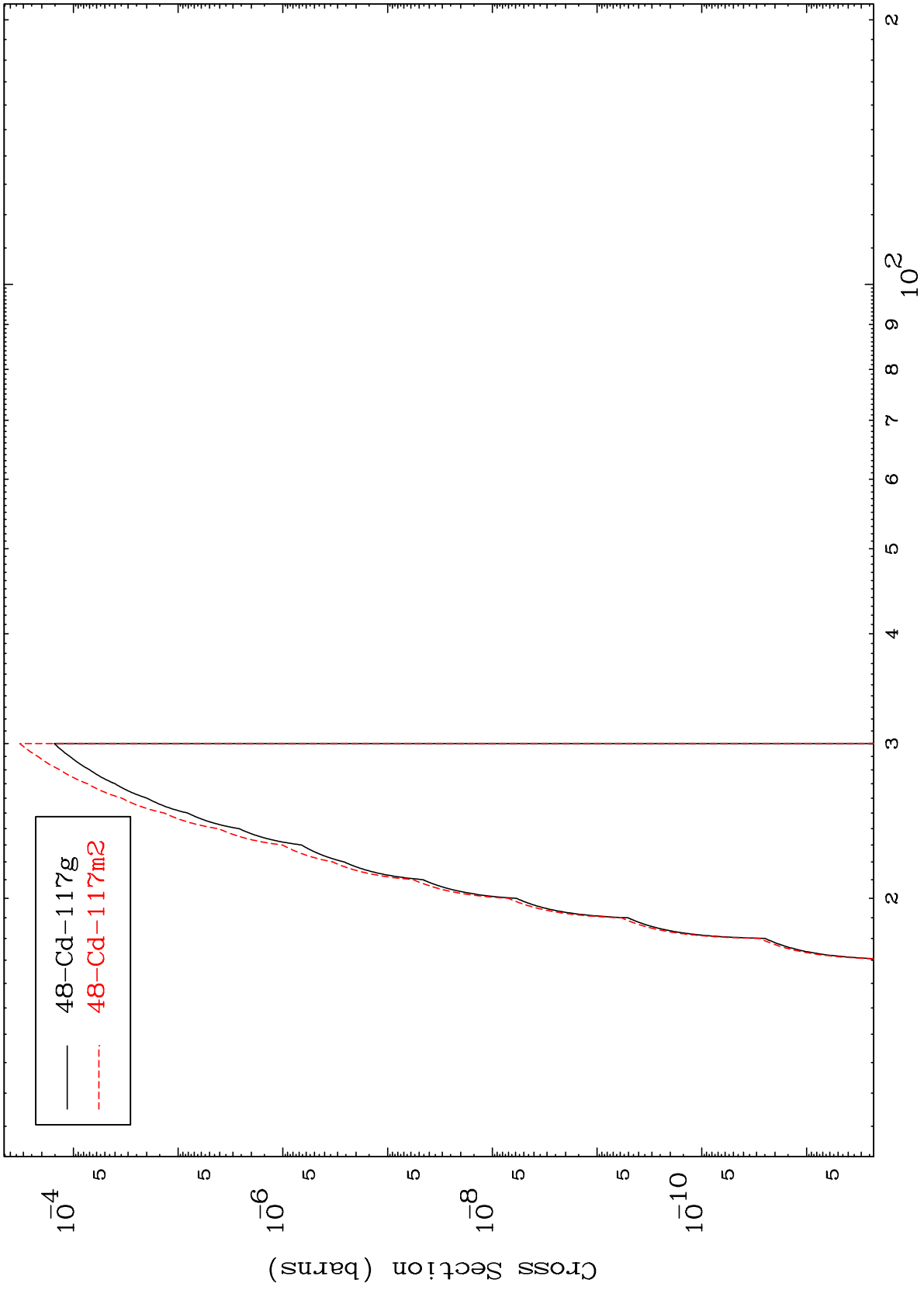
50-Sn-119

MAT 5046

(n,He-3)

50-Sn-119

Radionuclide Production Cross Section



48-Cd-117g
48-Cd-117m2

79

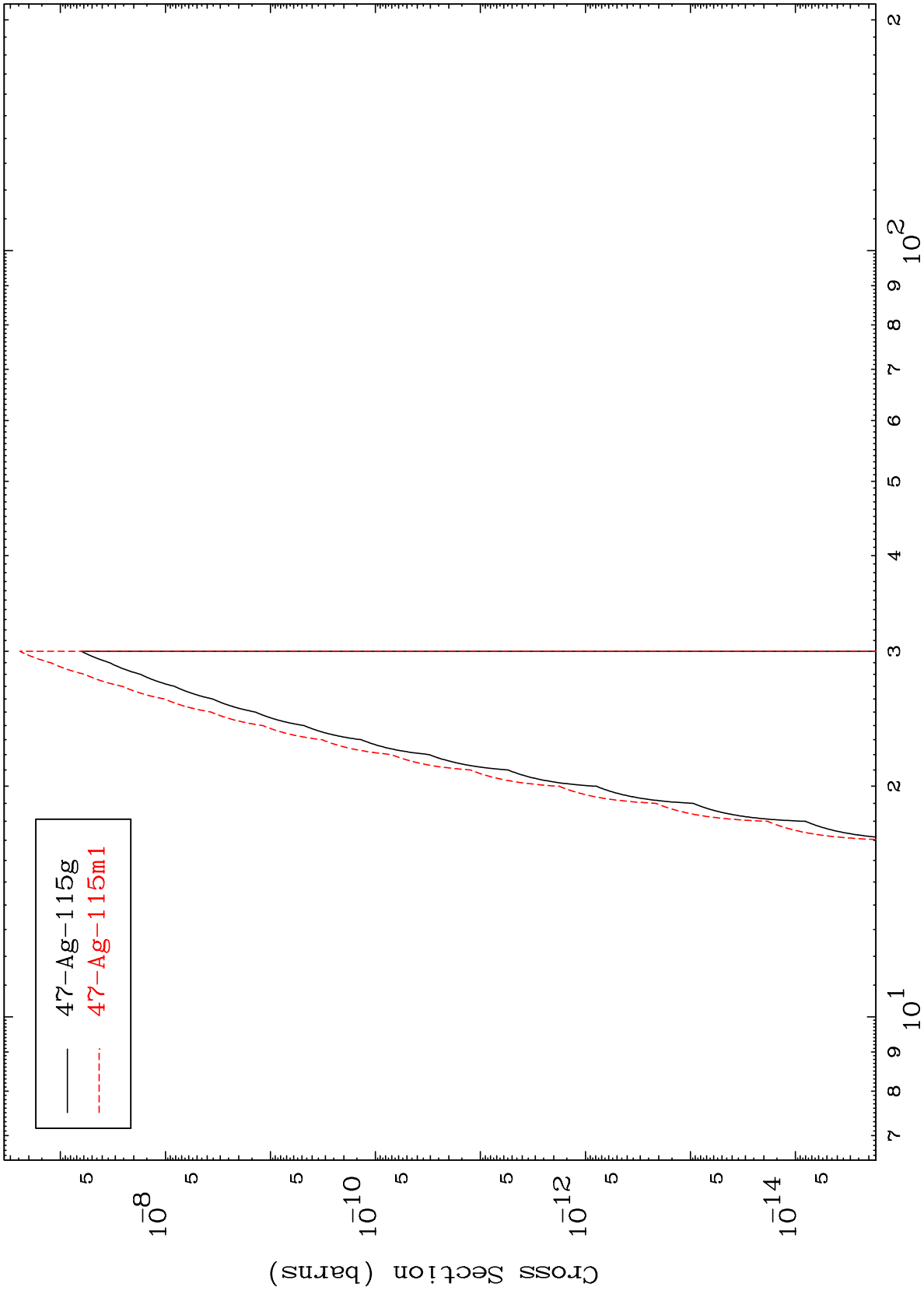
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n,p) α
Radionuclide Production Cross Section



80

Incident Energy (MeV)

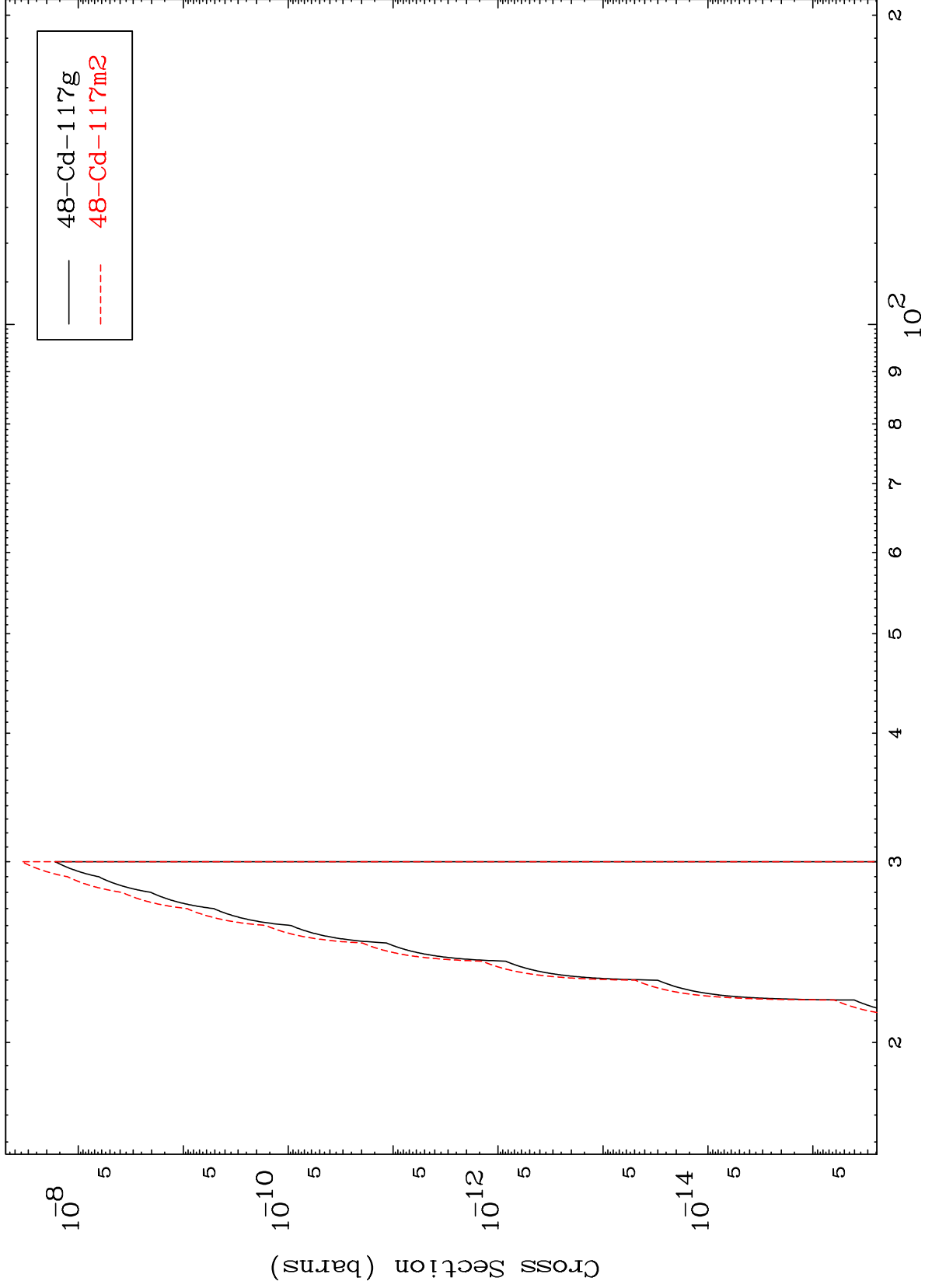
50-Sn-119

MAT 5046

(n,p) d

50-Sn-119

Radionuclide Production Cross Section



81

Incident Energy (MeV)

50-Sn-119