

Program EVALPLOT
(Version 2021-1)

by

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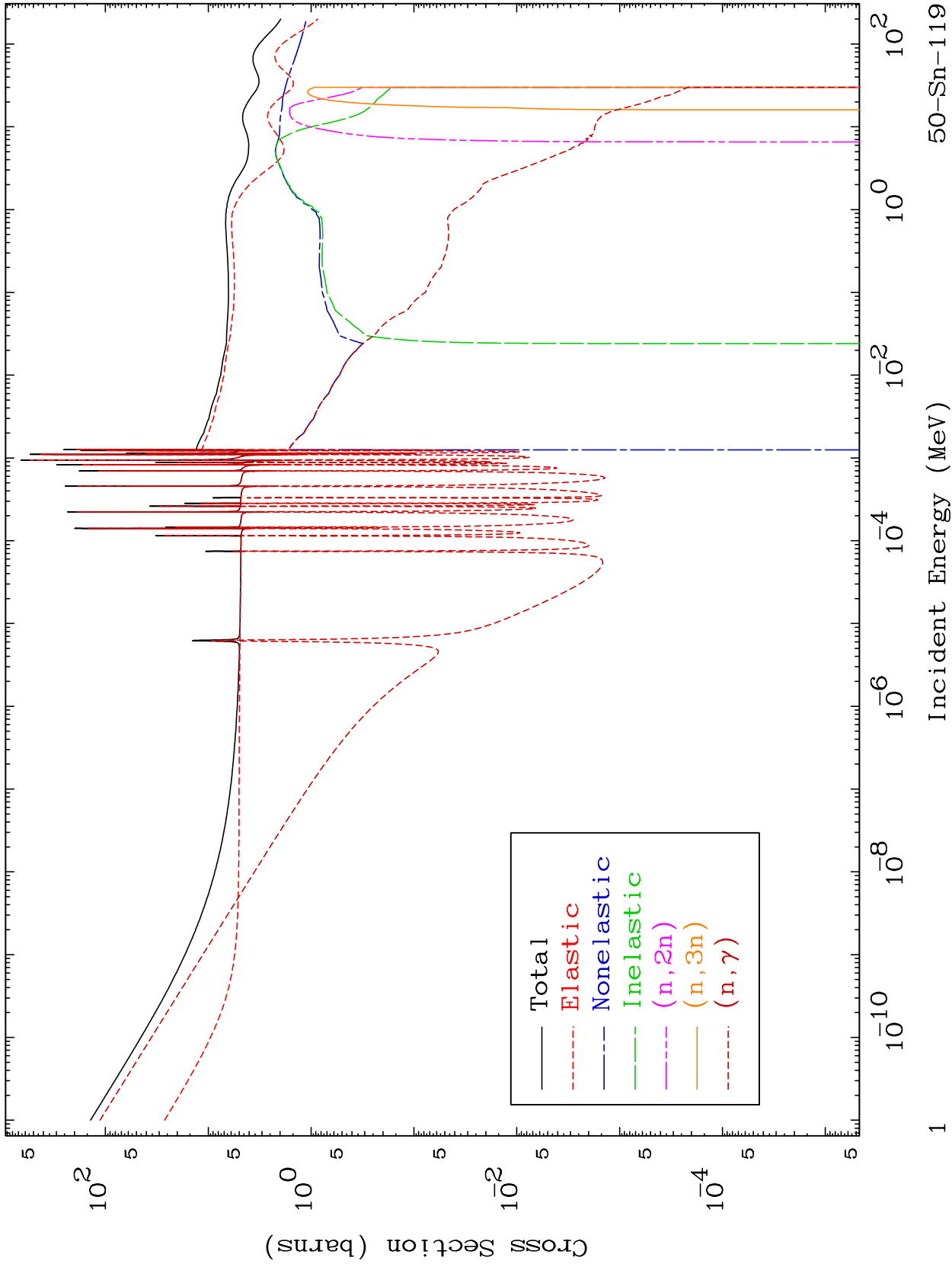
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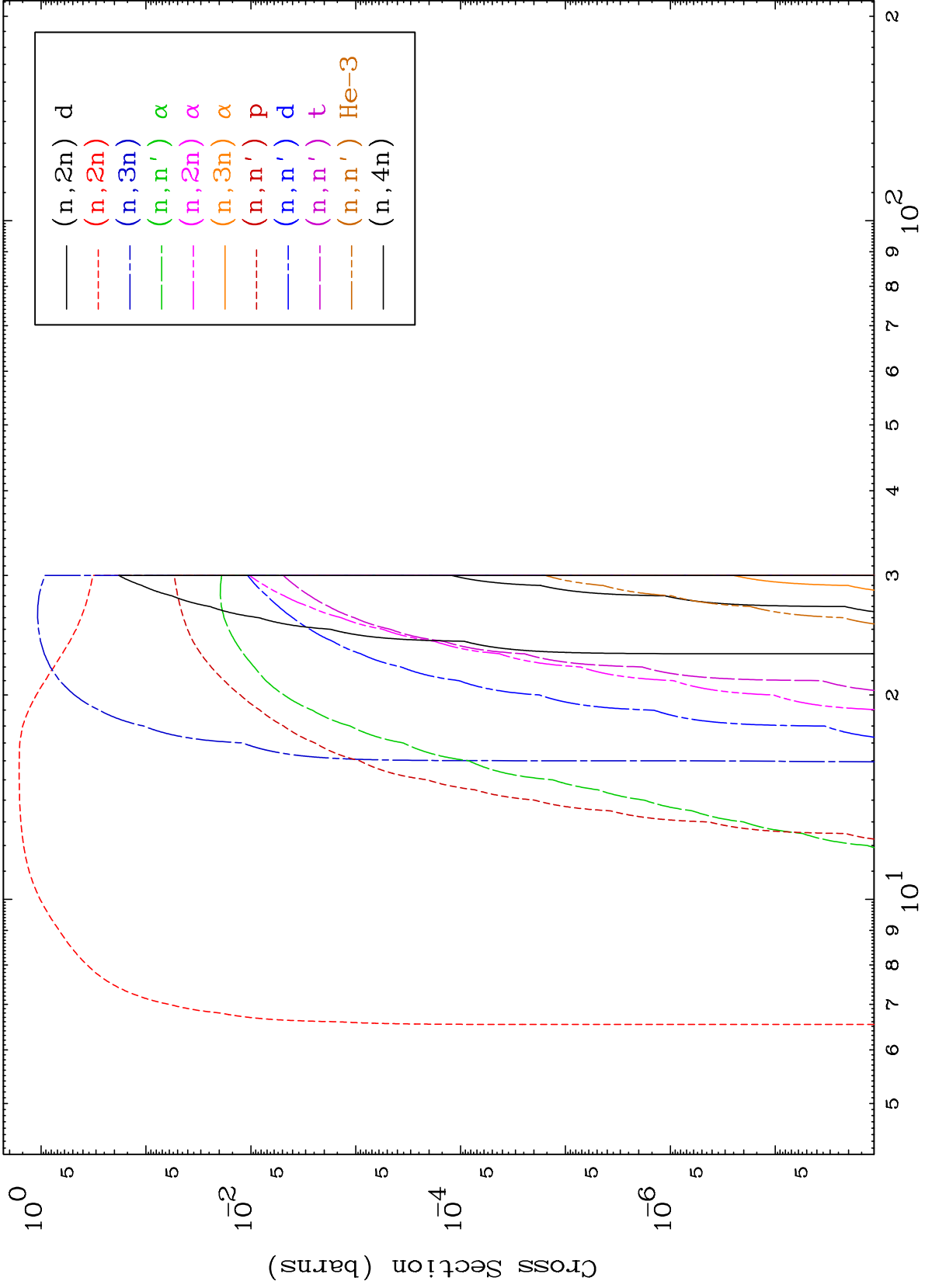
Press Mouse Button to Start

MAT 5046

Neutron Major
293 Kelvin Cross Sections

50-Sn-119

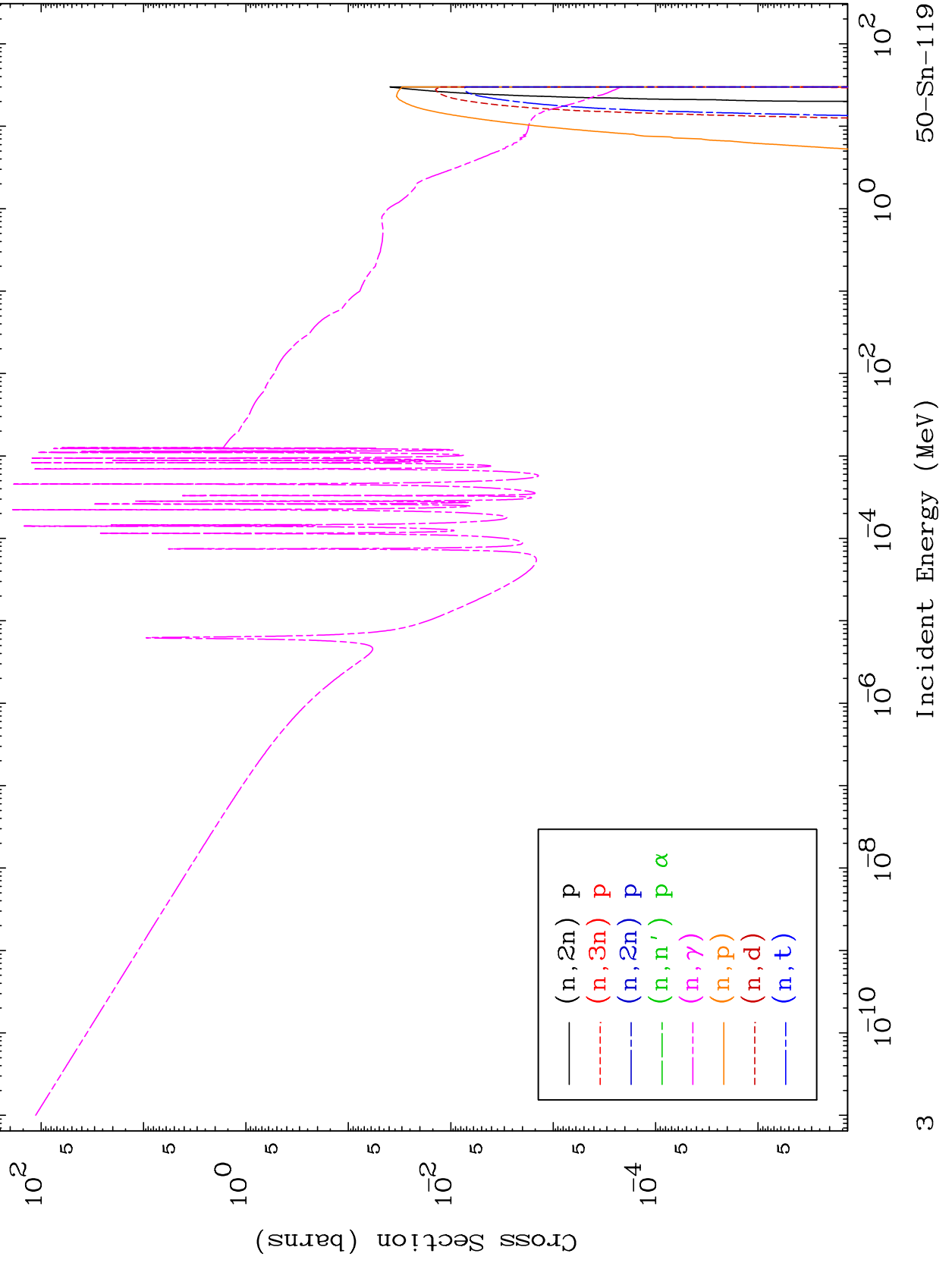




MAT 5046

Neutron Absorption
293 Kelvin Cross Sections

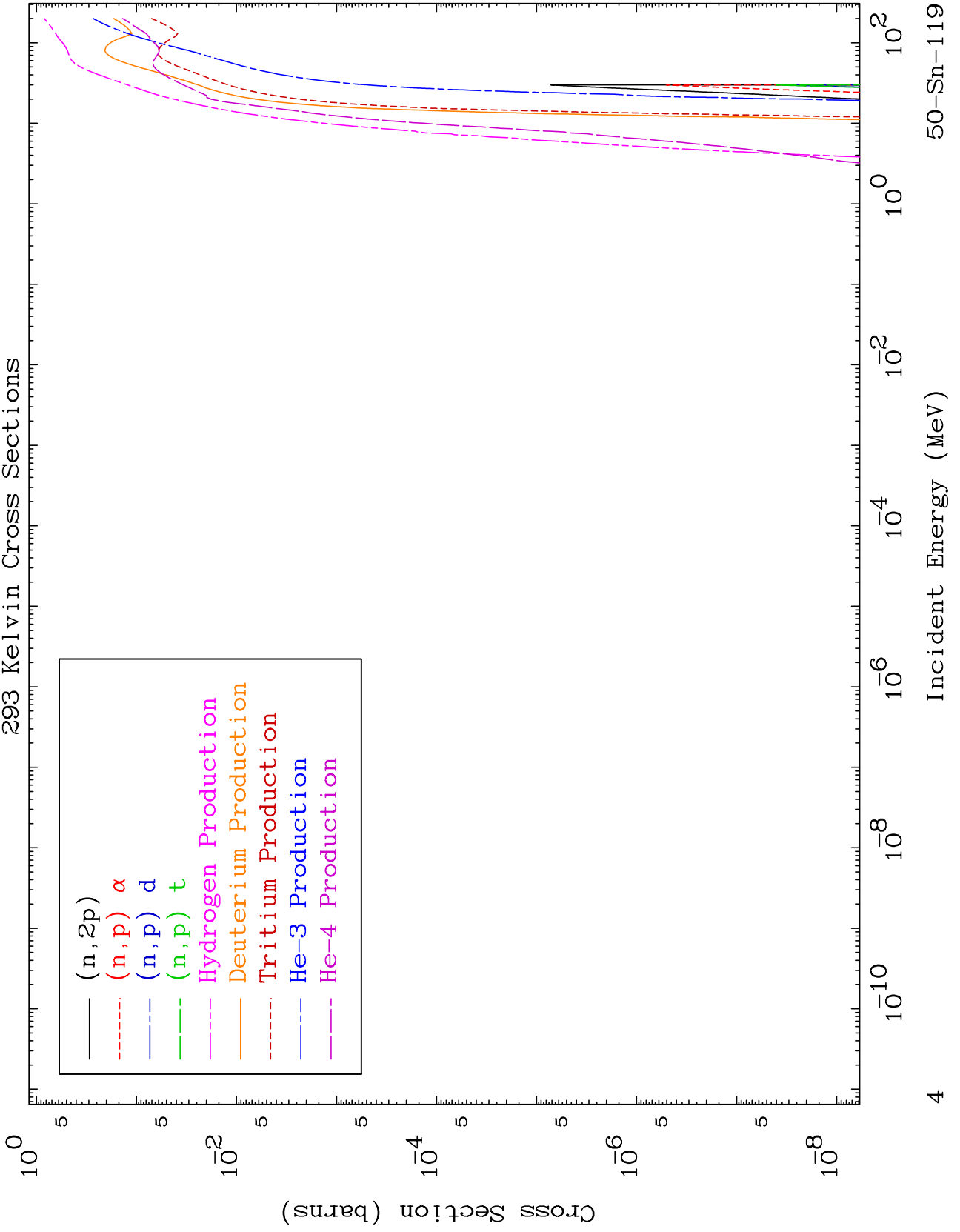
50-Sn-119



MAT 5046

Neutron Absorption
293 Kelvin Cross Sections

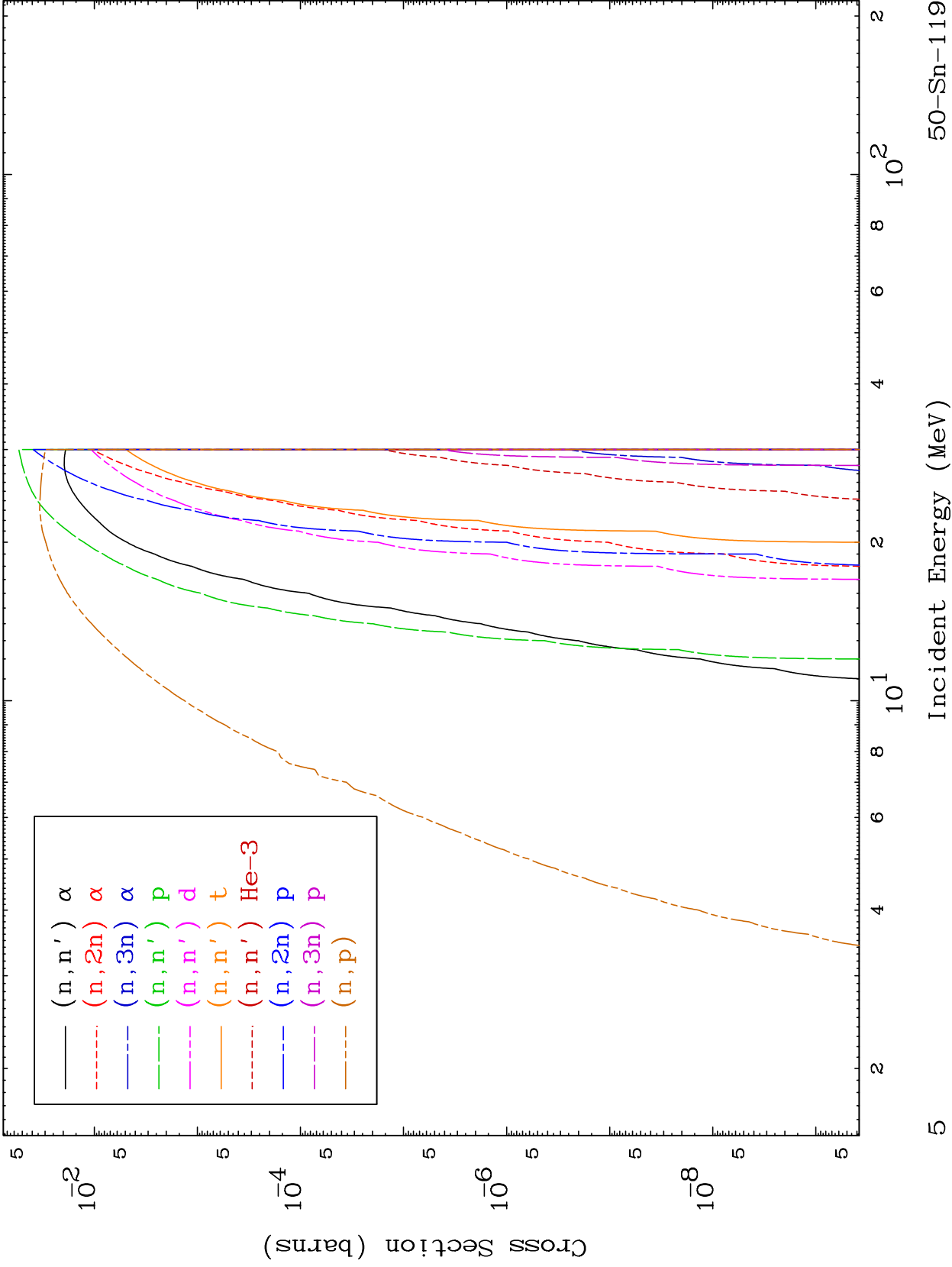
50-Sn-119



MAT 5046

Charged Particle
293 Kelvin Cross Sections

50-Sn-119



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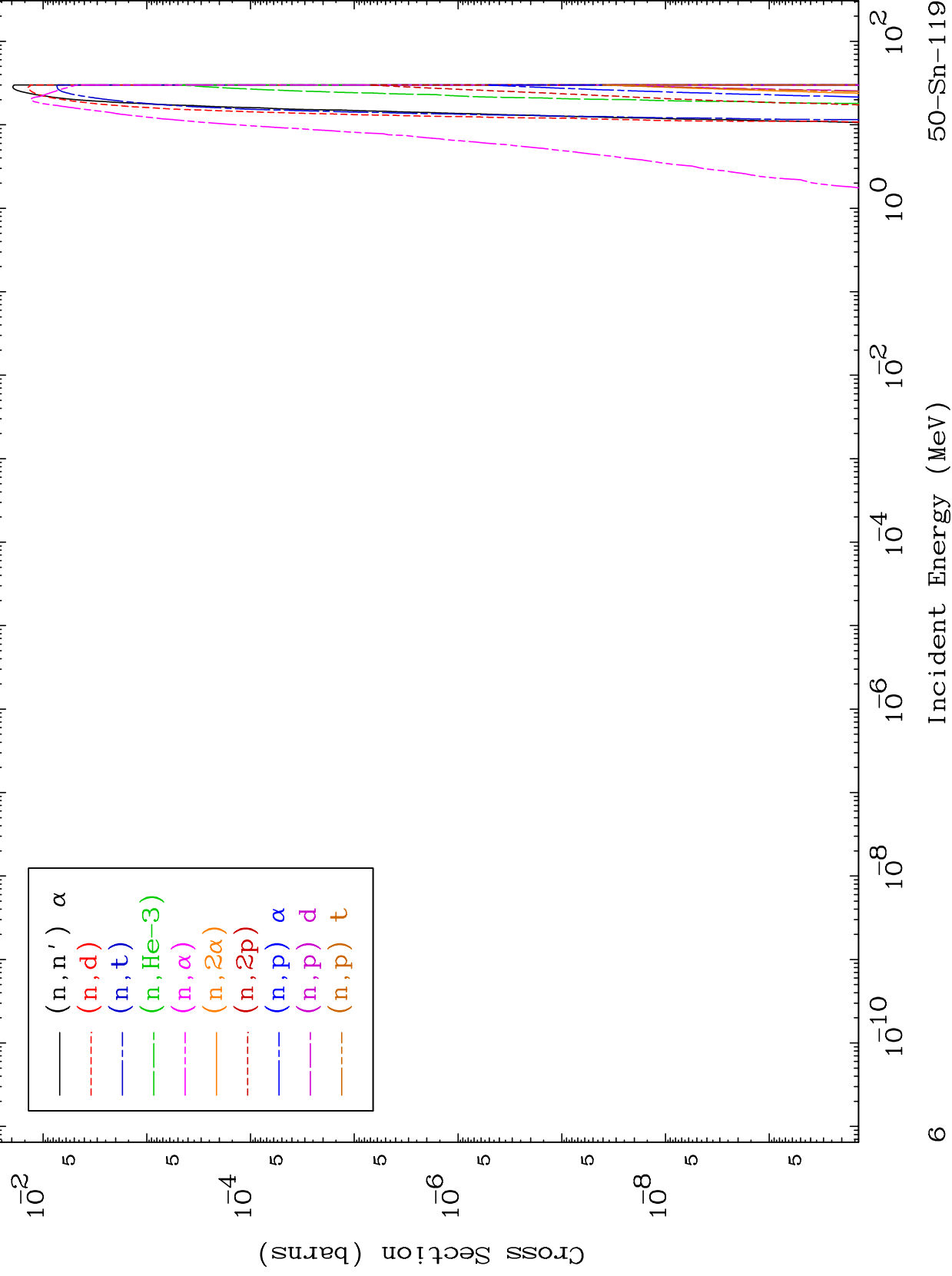
Incident Energy (MeV)

50-Sn-119

MAT 5046

Charged Particle
293 Kelvin Cross Sections

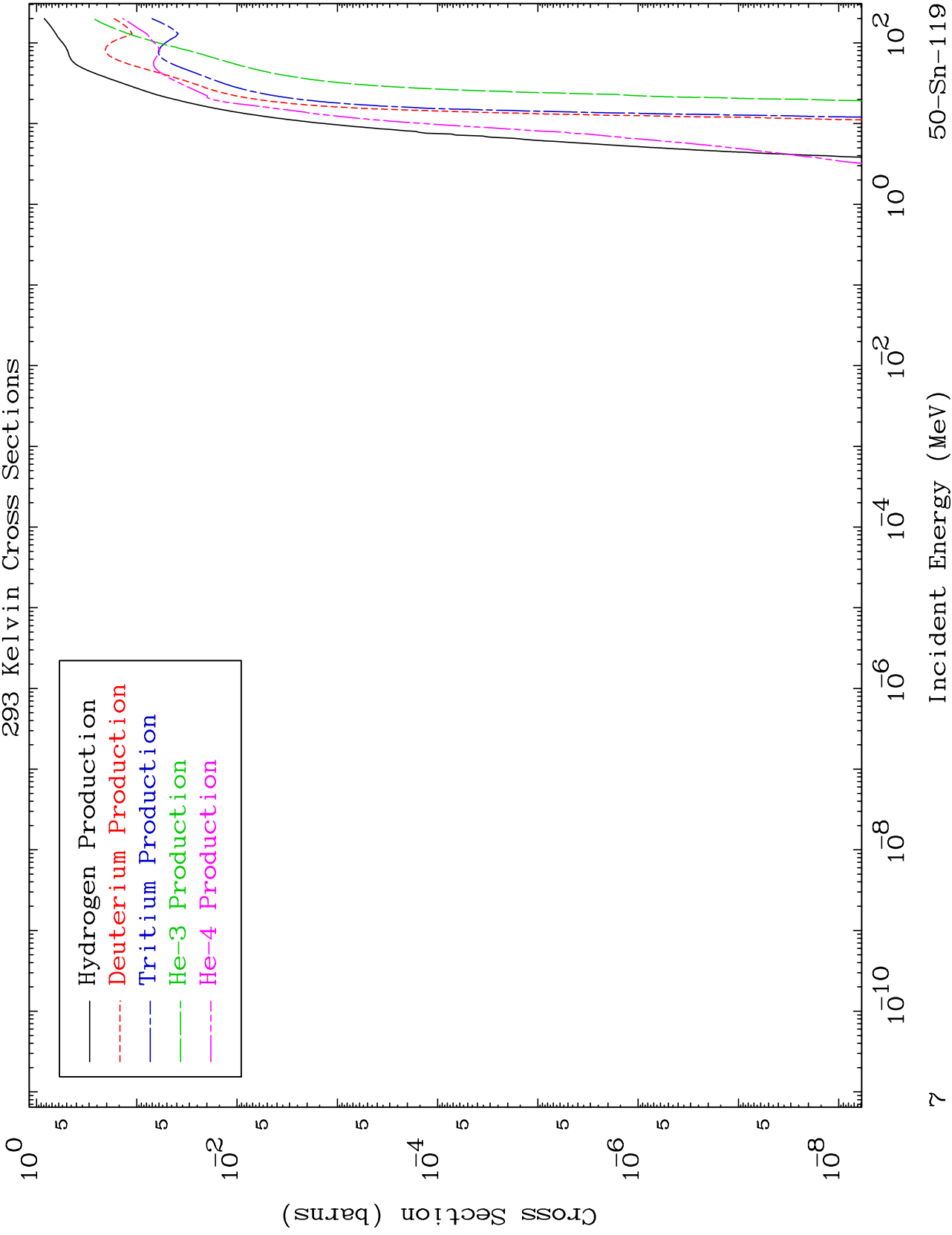
50-Sn-119



MAT 5046

Particle Production
293 Kelvin Cross Sections

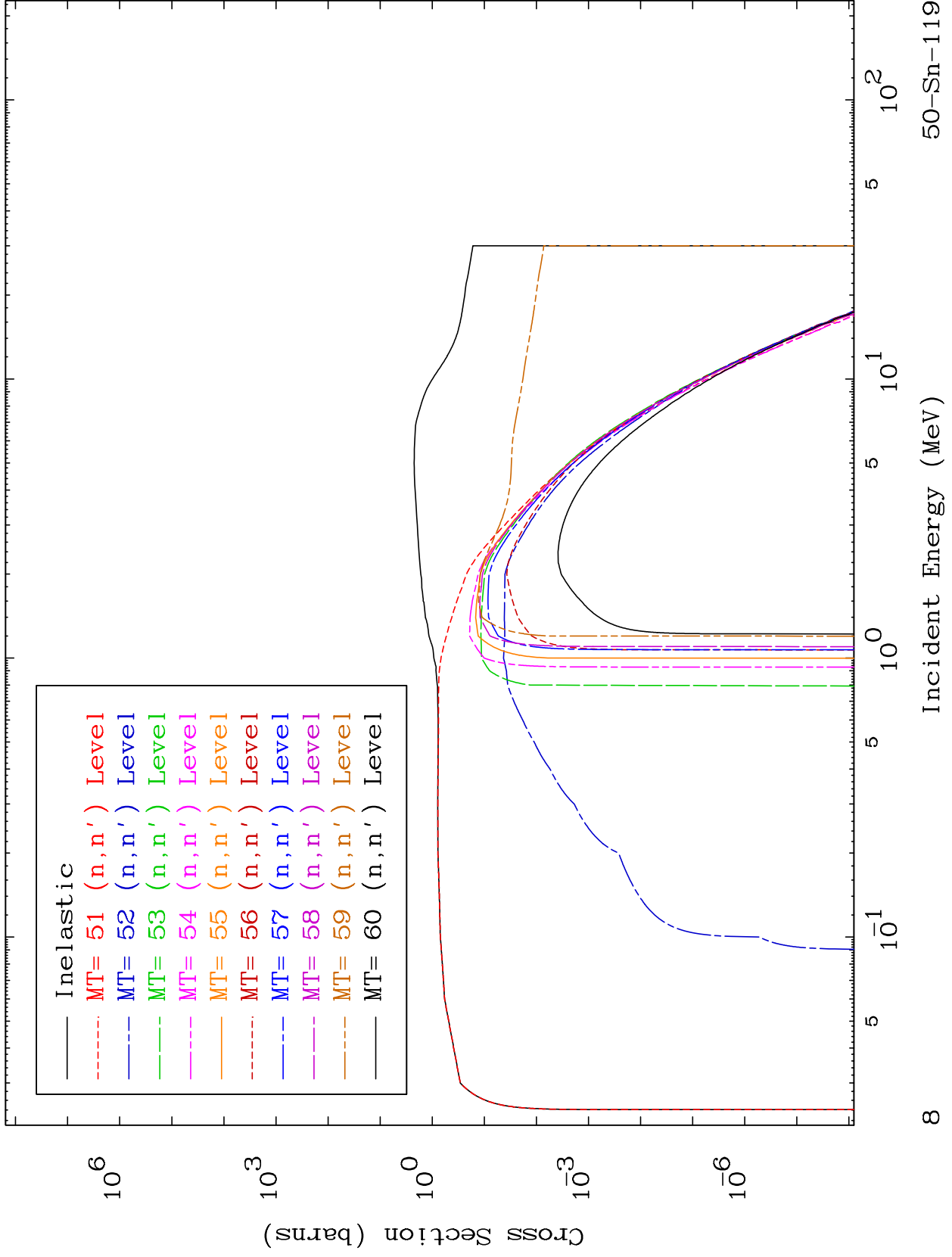
50-Sn-119



MAT 5046

(n,n') Levels
293 Kelvin Cross Sections

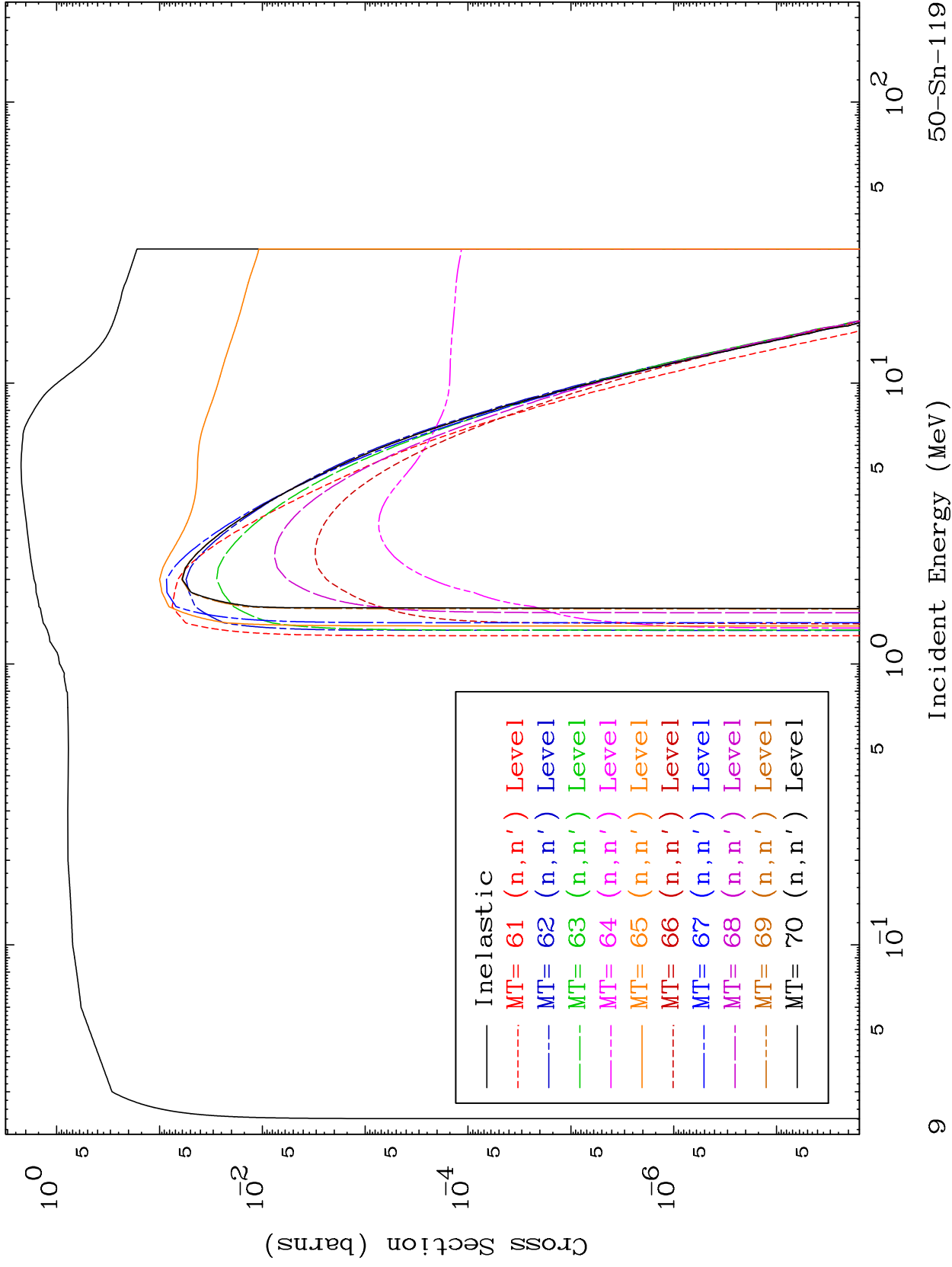
50-Sn-119



MAT 5046

(n,n') Levels
293 Kelvin Cross Sections

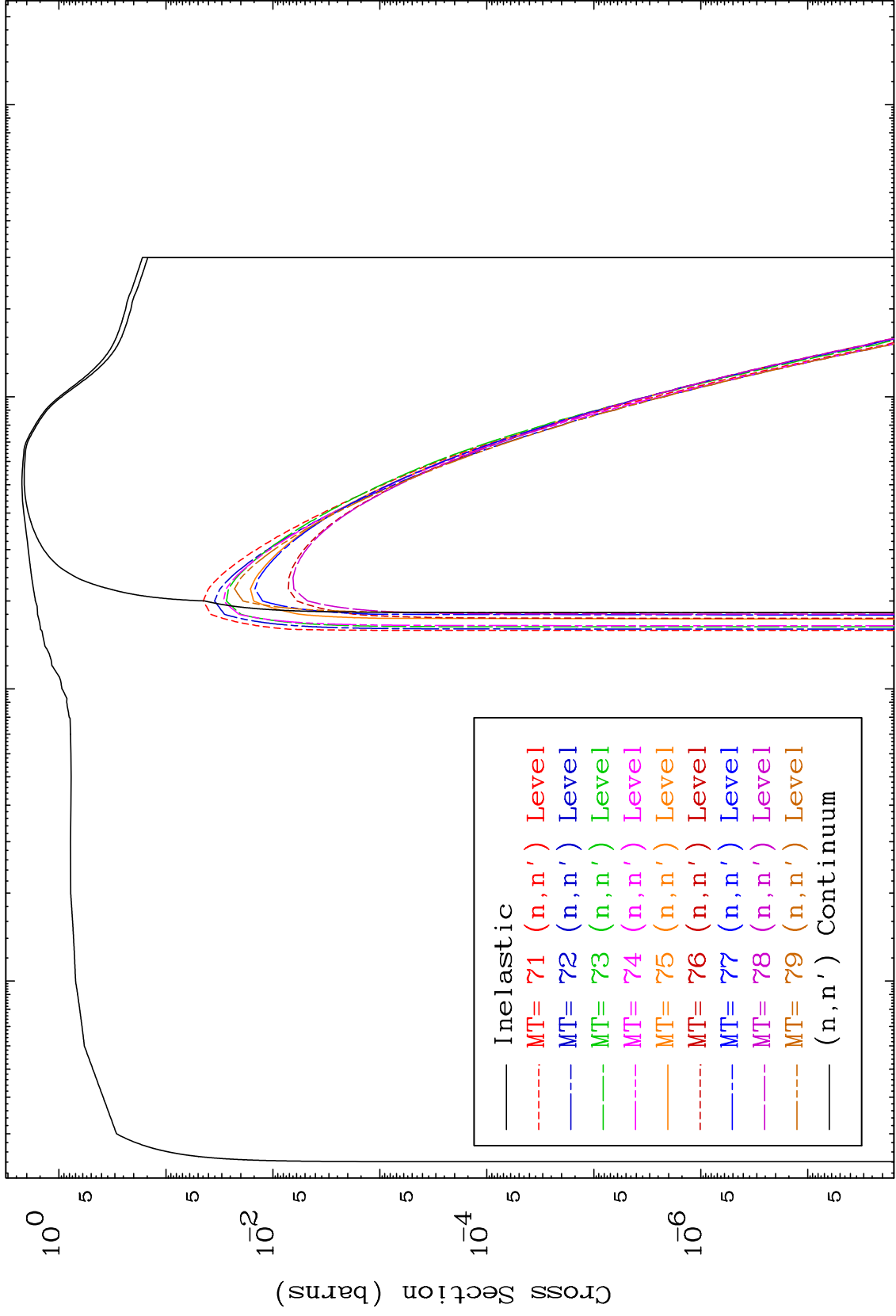
50-Sn-119



MAT 5046

293 Kelvin Cross Sections
(n,n') Levels

50-Sn-119



10

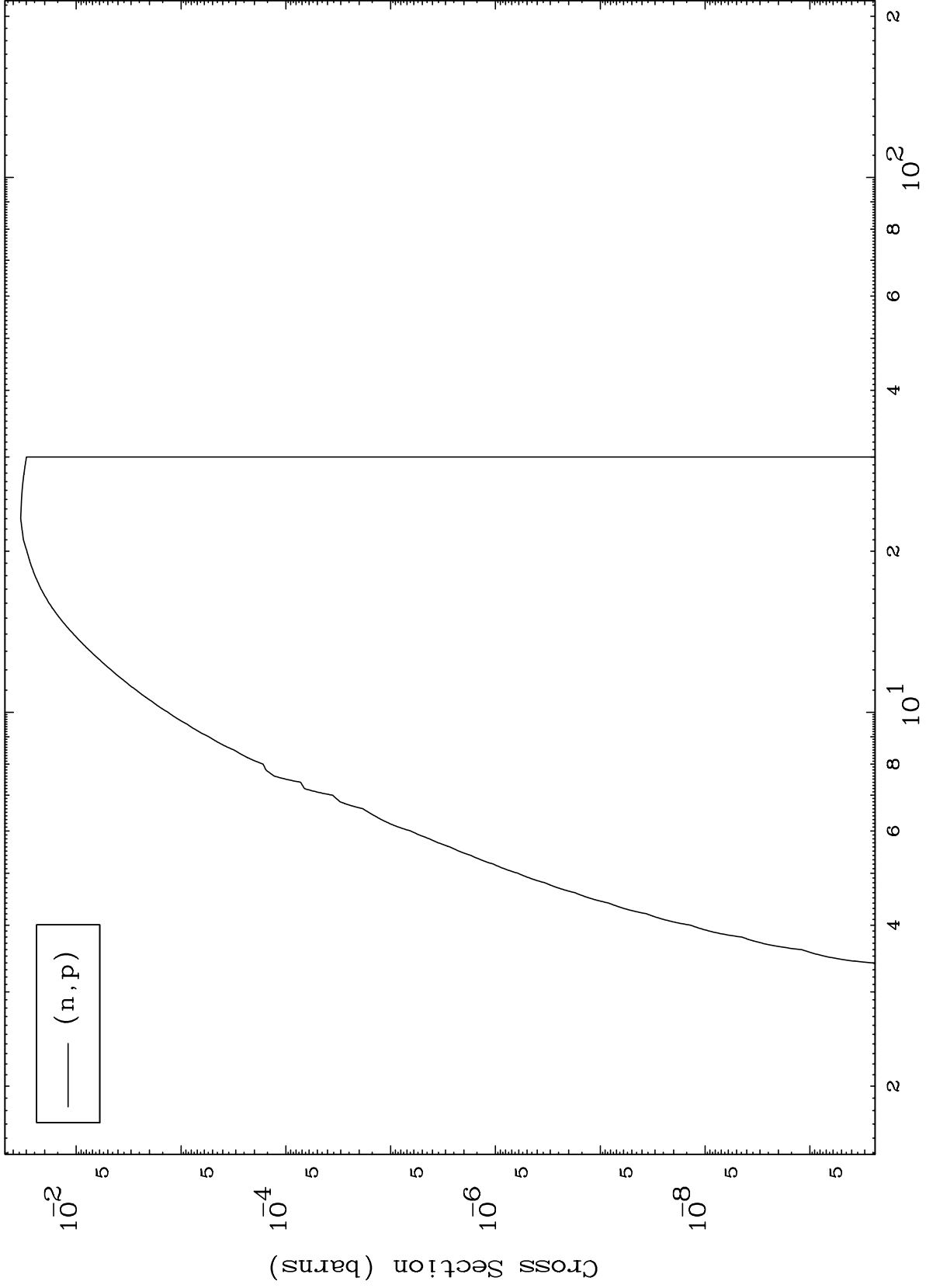
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n,p) Levels
293 Kelvin Cross Sections

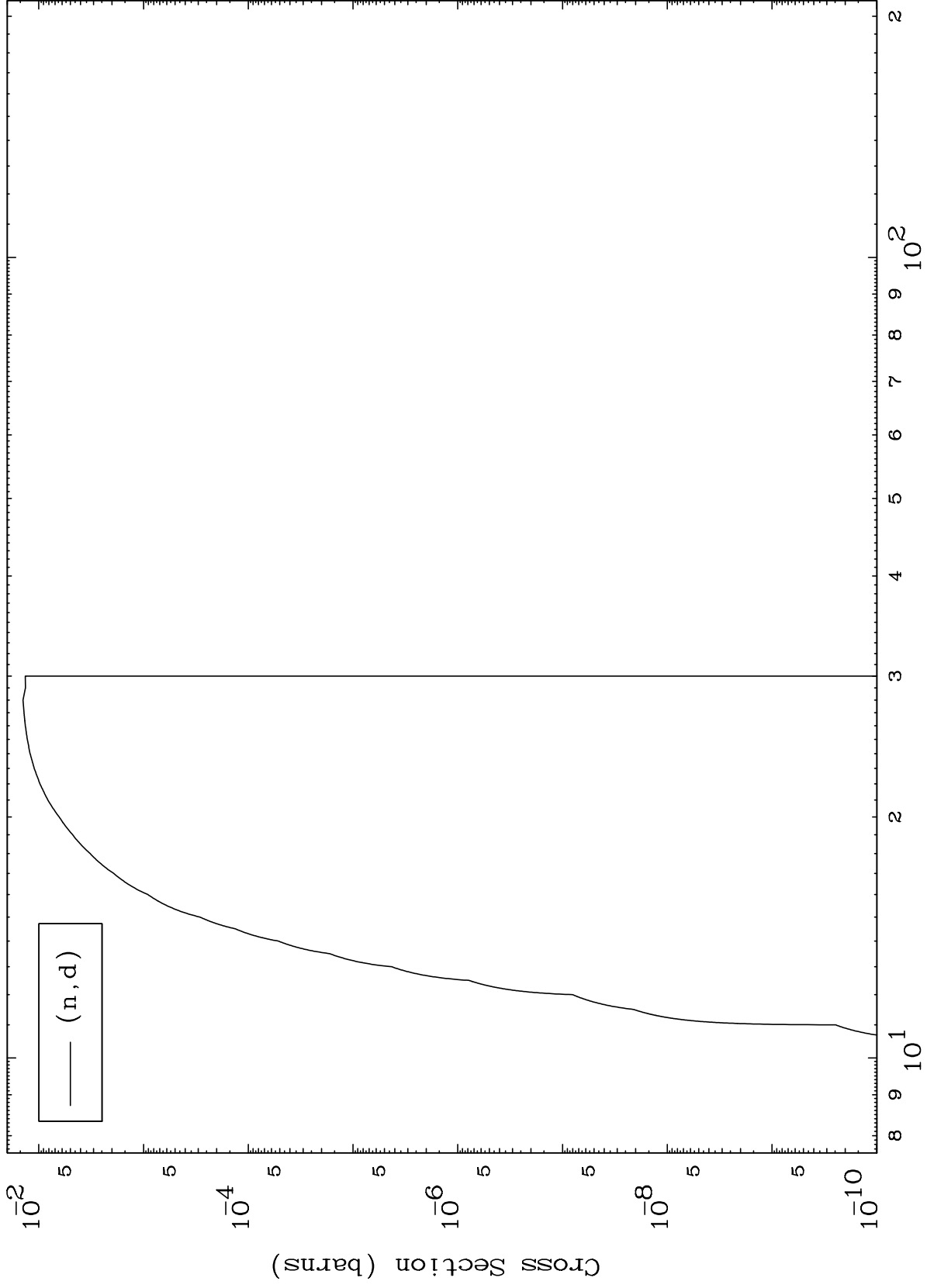
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MAT 5046

(n,d) Levels
293 Kelvin Cross Sections

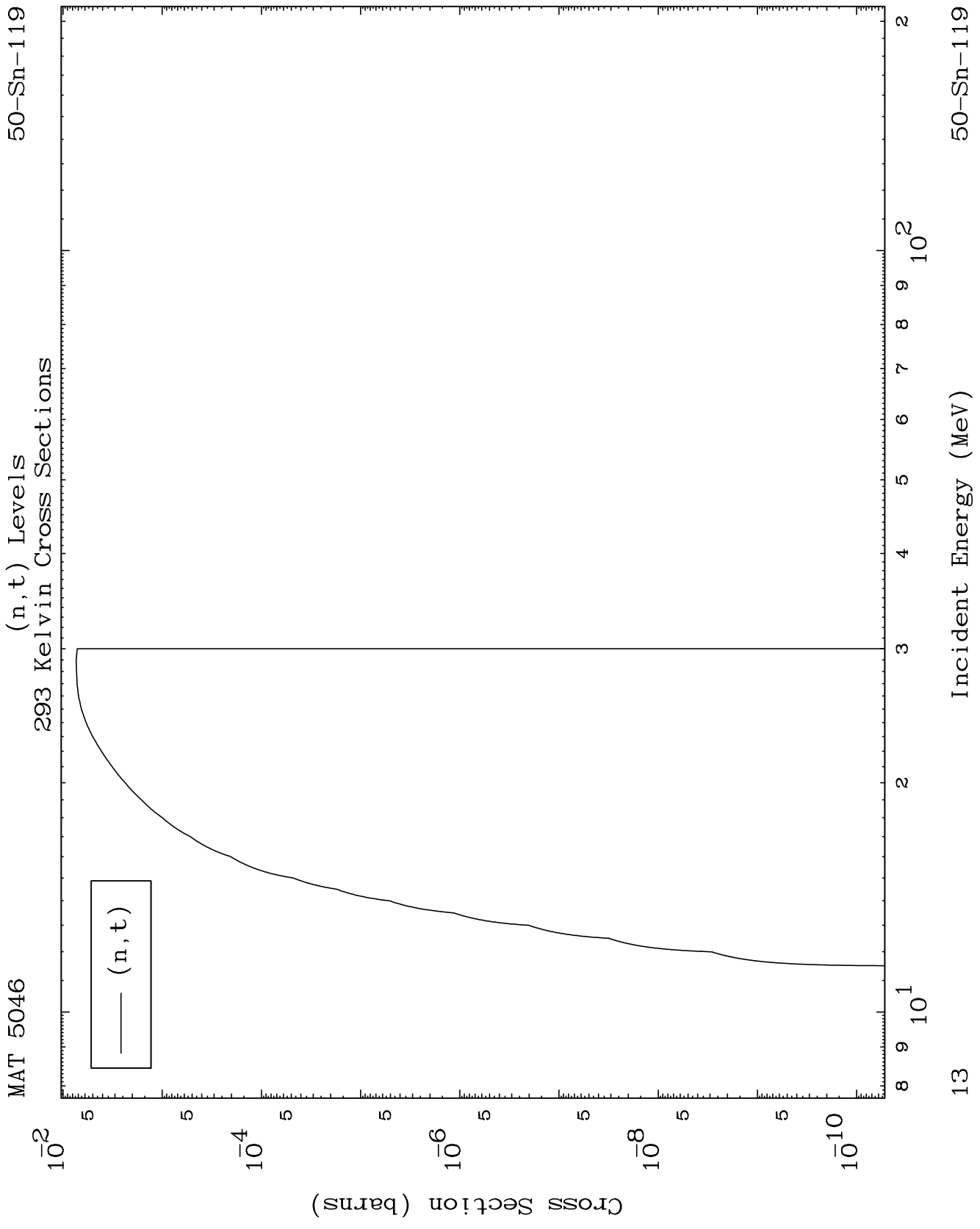
50-Sn-119



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Incident Energy (MeV)

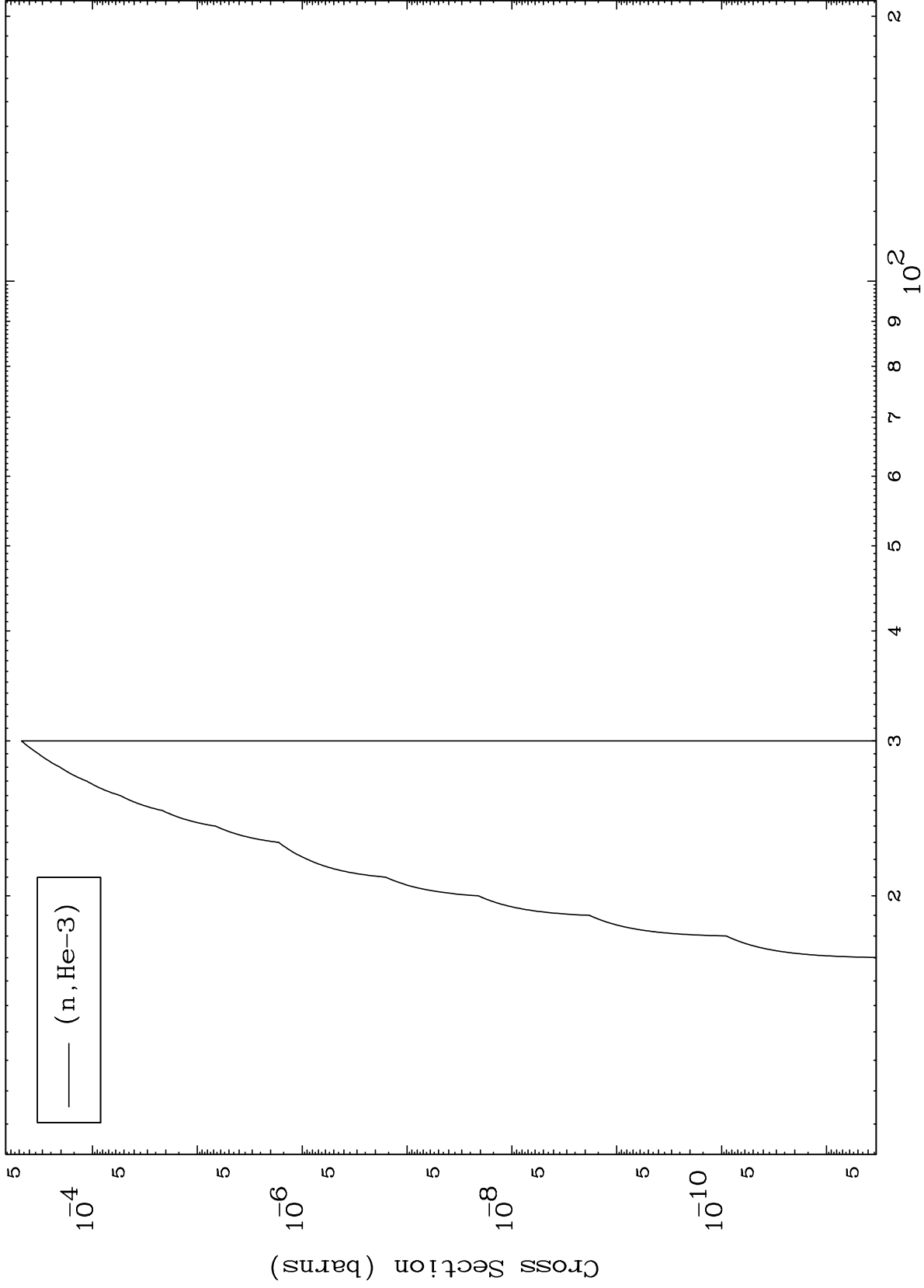
50-Sn-119



MAT 5046

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-119



14

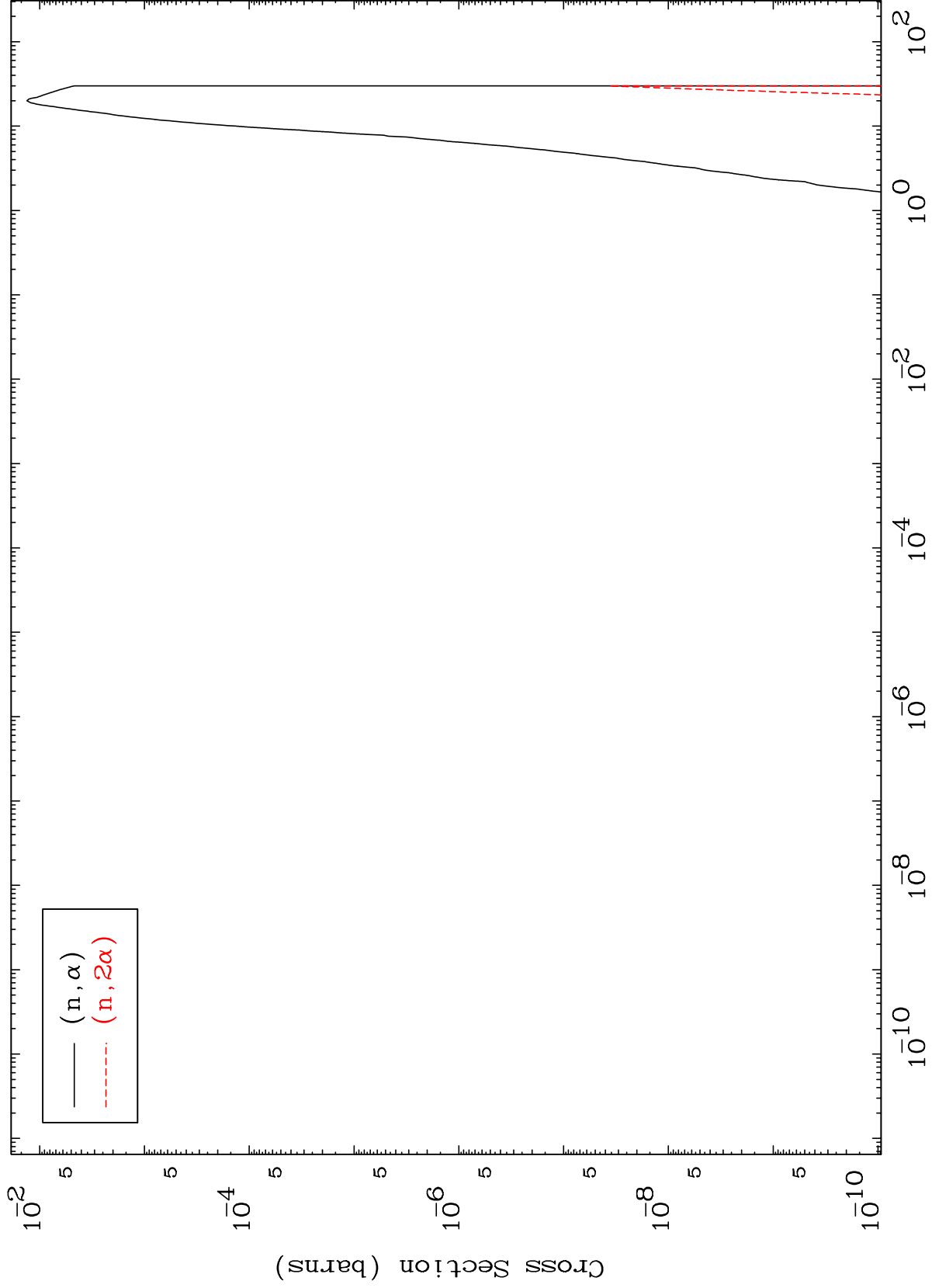
Incident Energy (MeV)

50-Sn-119

MAT 5046

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-119



15

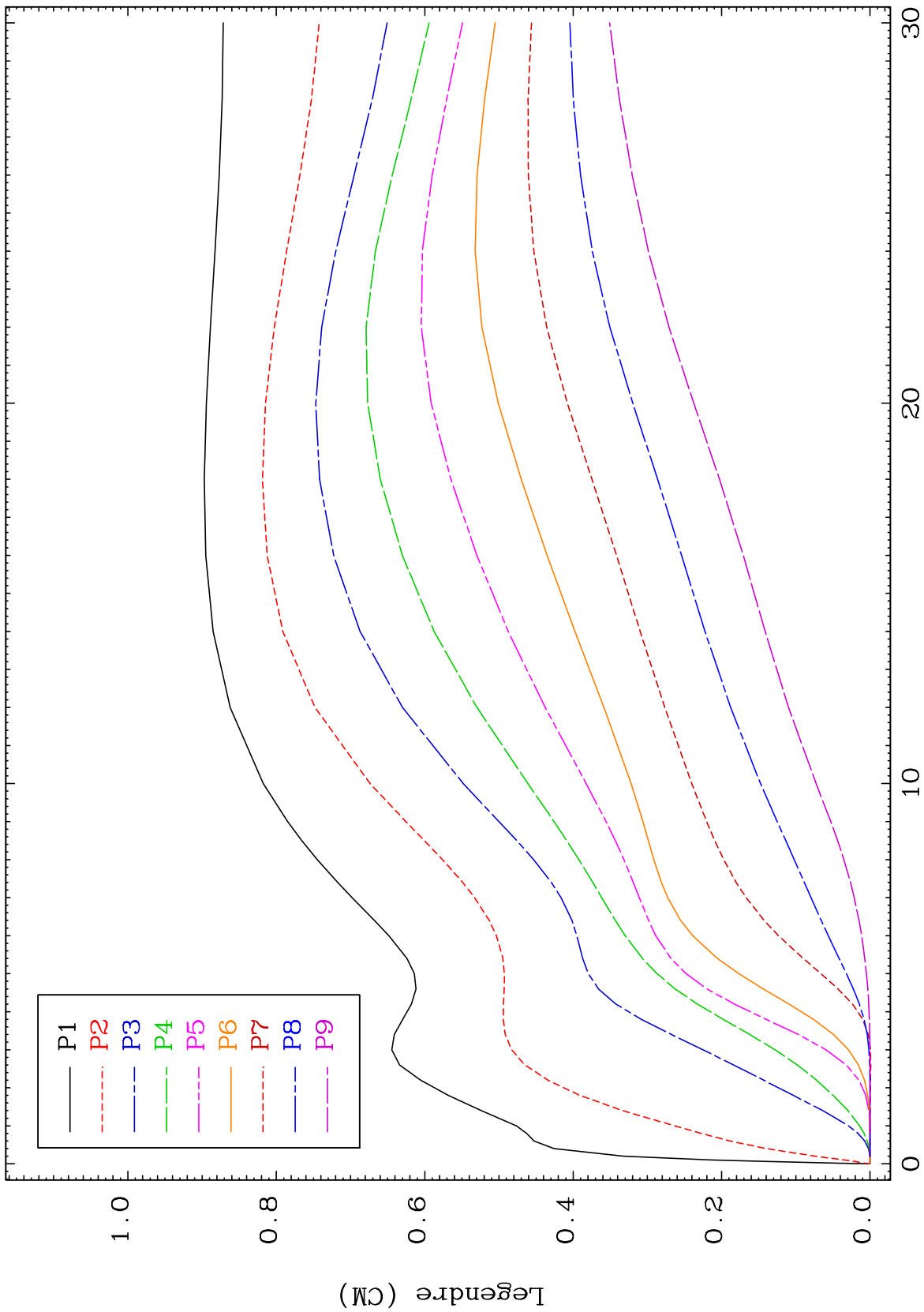
Incident Energy (MeV)

50-Sn-119

MAT 5046

Elastic Legendre Coefficients

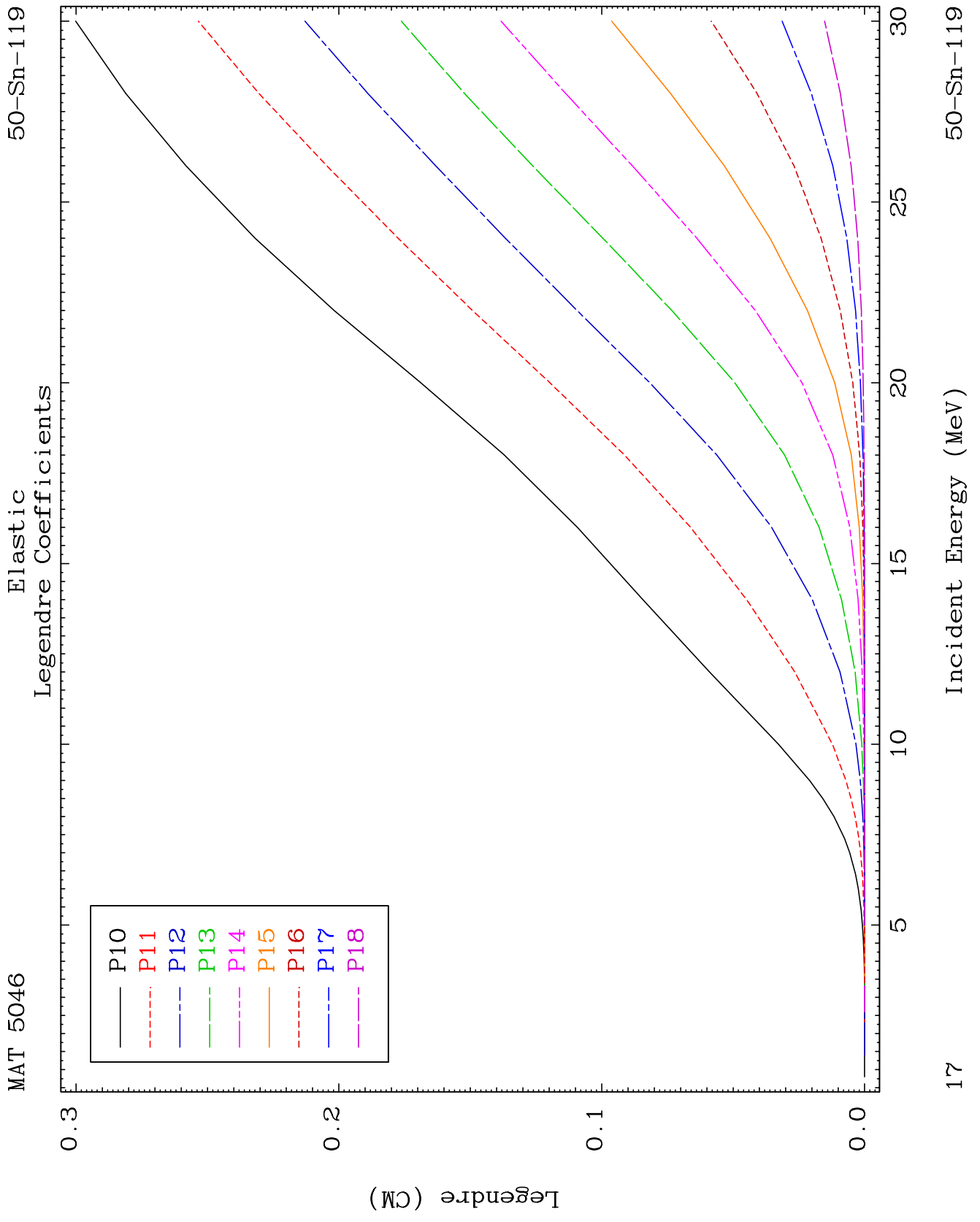
50-Sn-119



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Incident Energy (MeV)

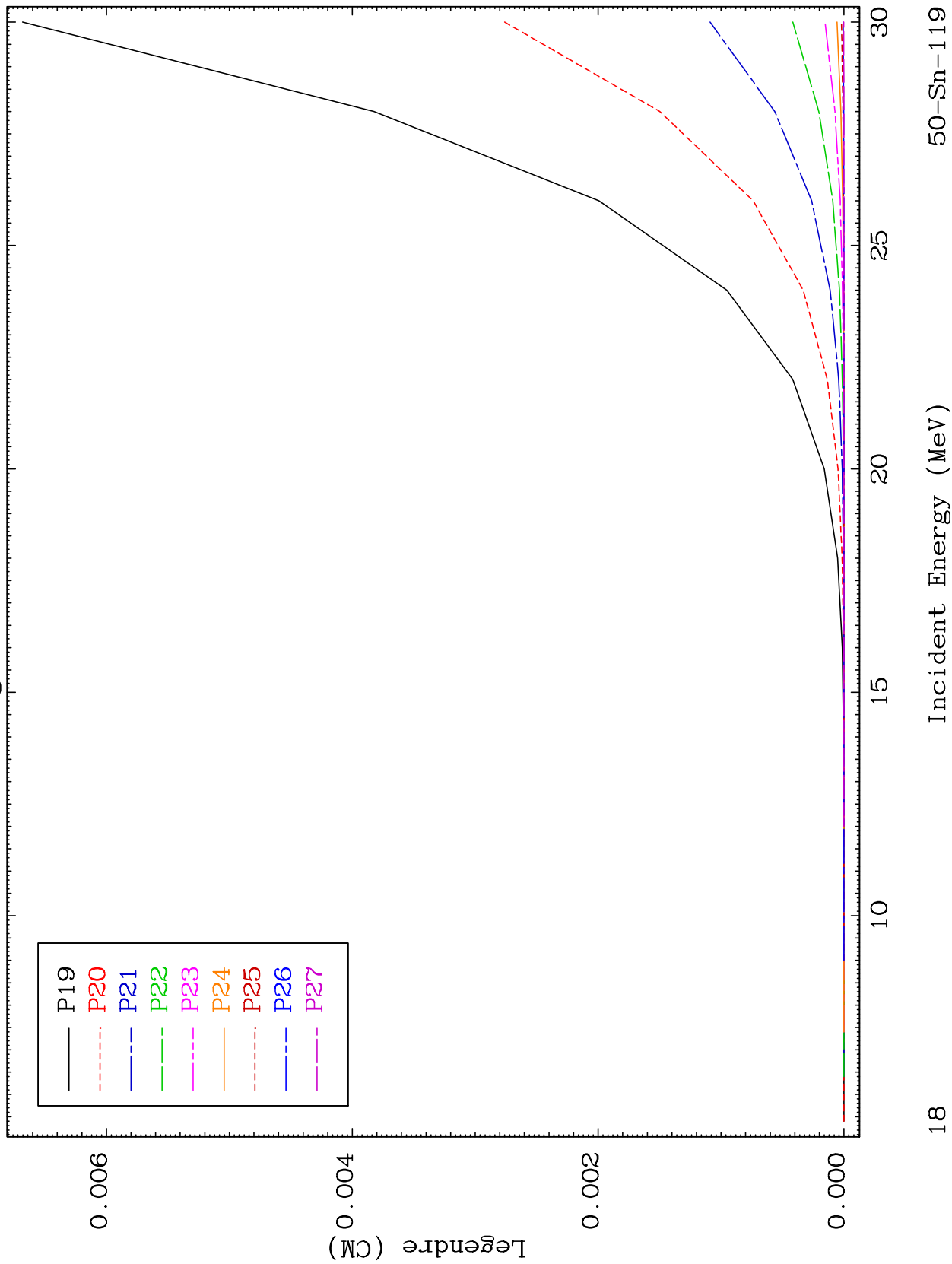
50-Sn-119



MAT 5046

Elastic
Legendre Coefficients

50-Sn-119



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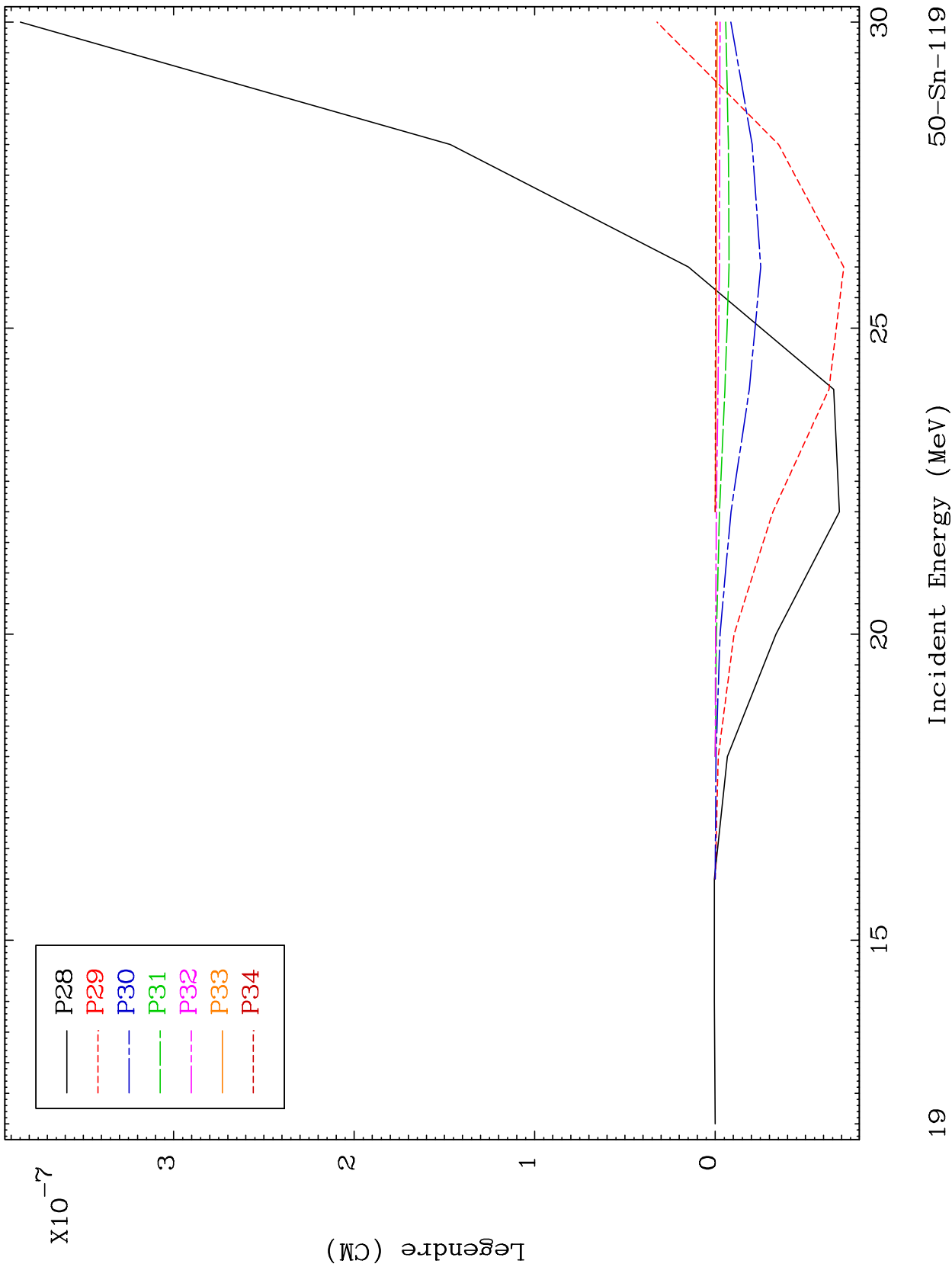
Incident Energy (MeV)

50-Sn-119

MAT 5046

Elastic Legendre Coefficients

50-Sn-119



19

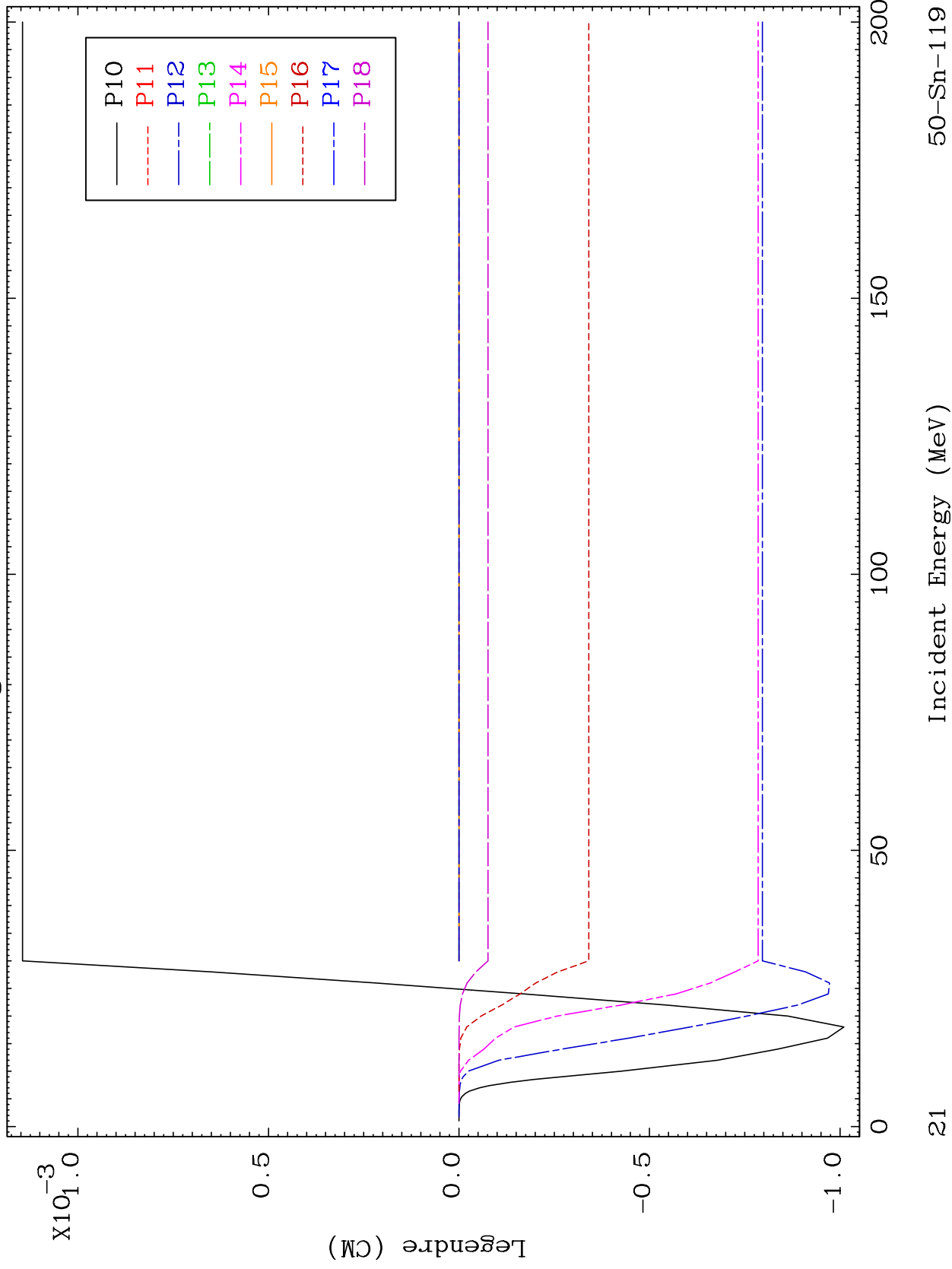
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

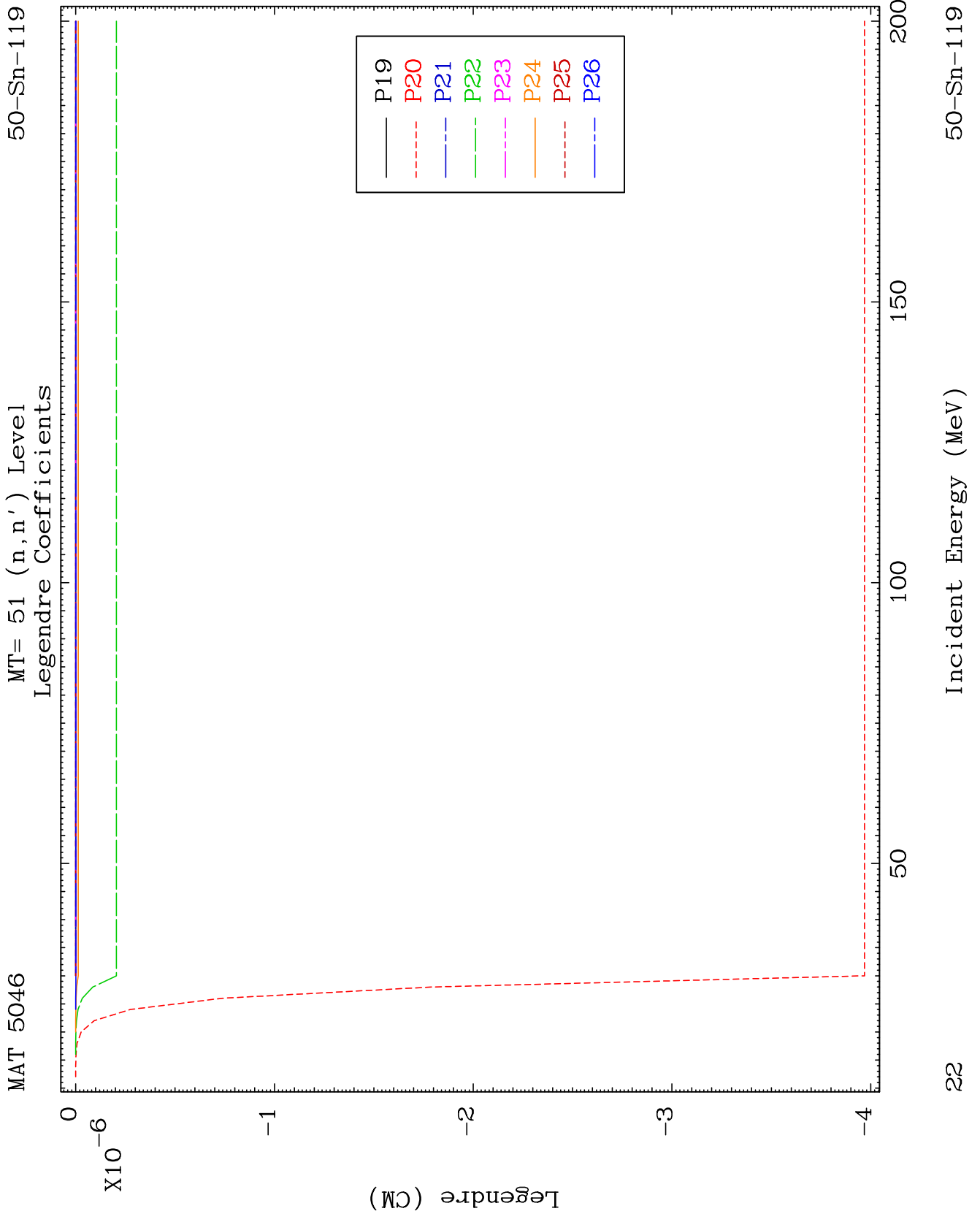
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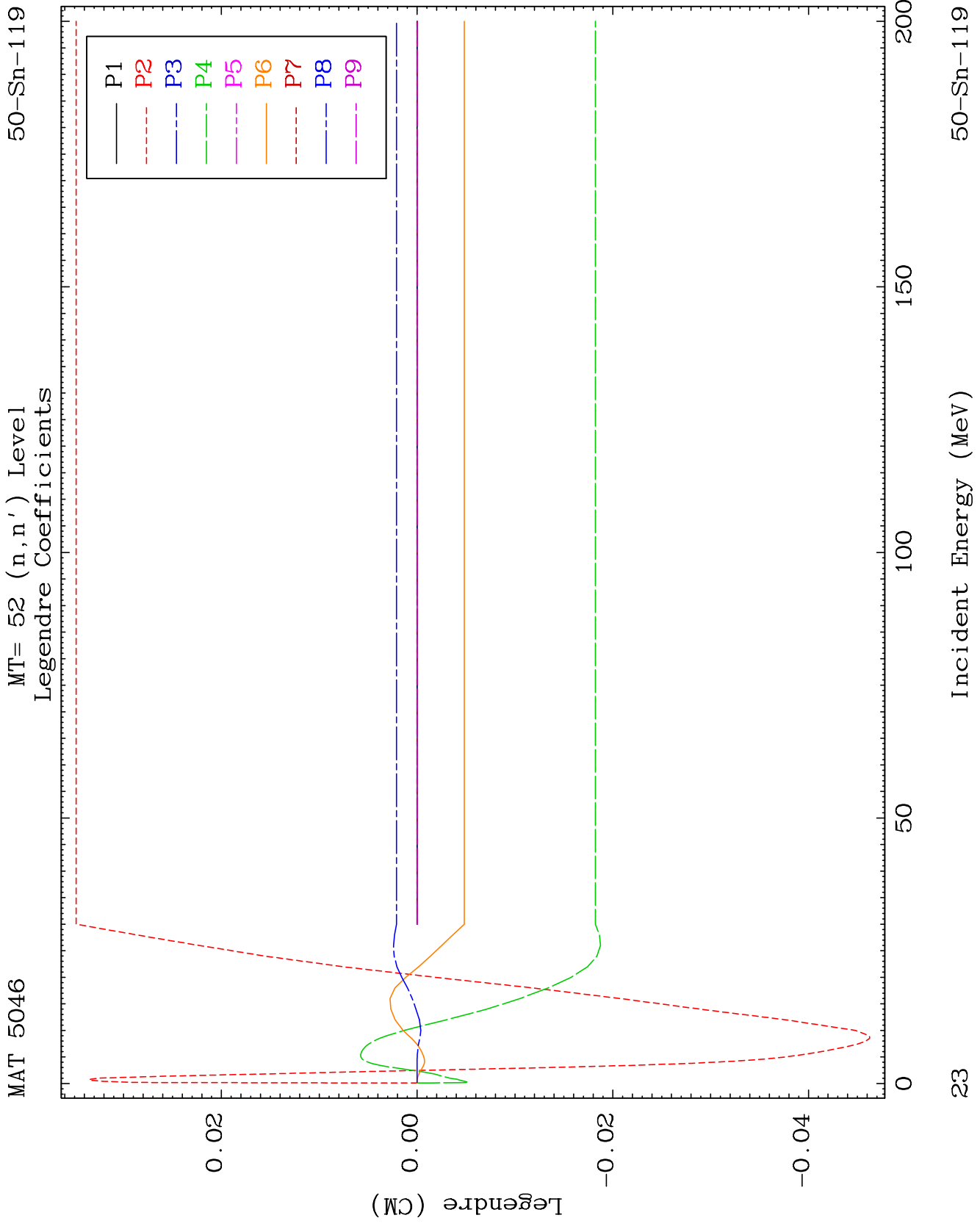


21

Incident Energy (MeV)

50-Sn-119

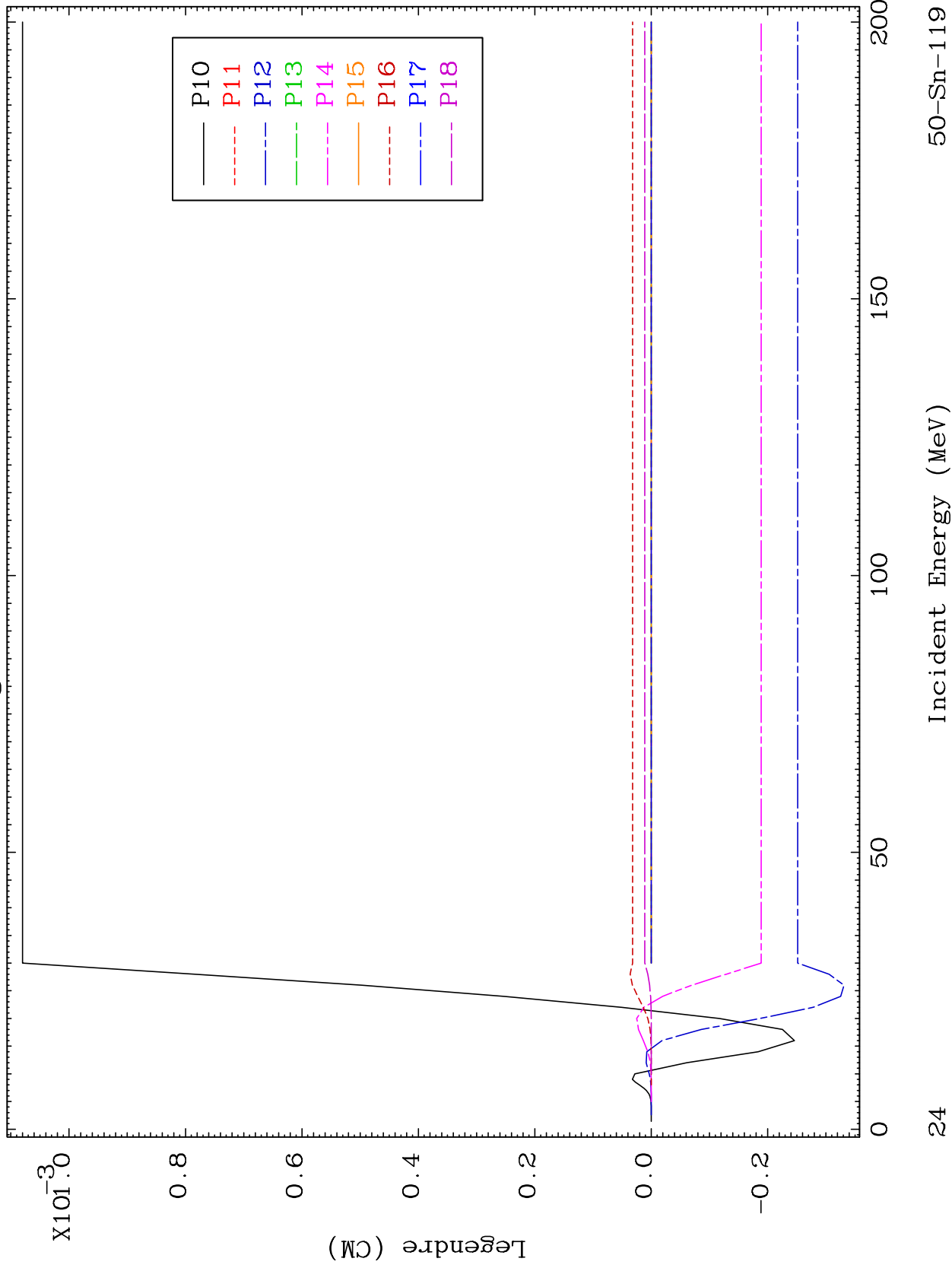




MAT 5046

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

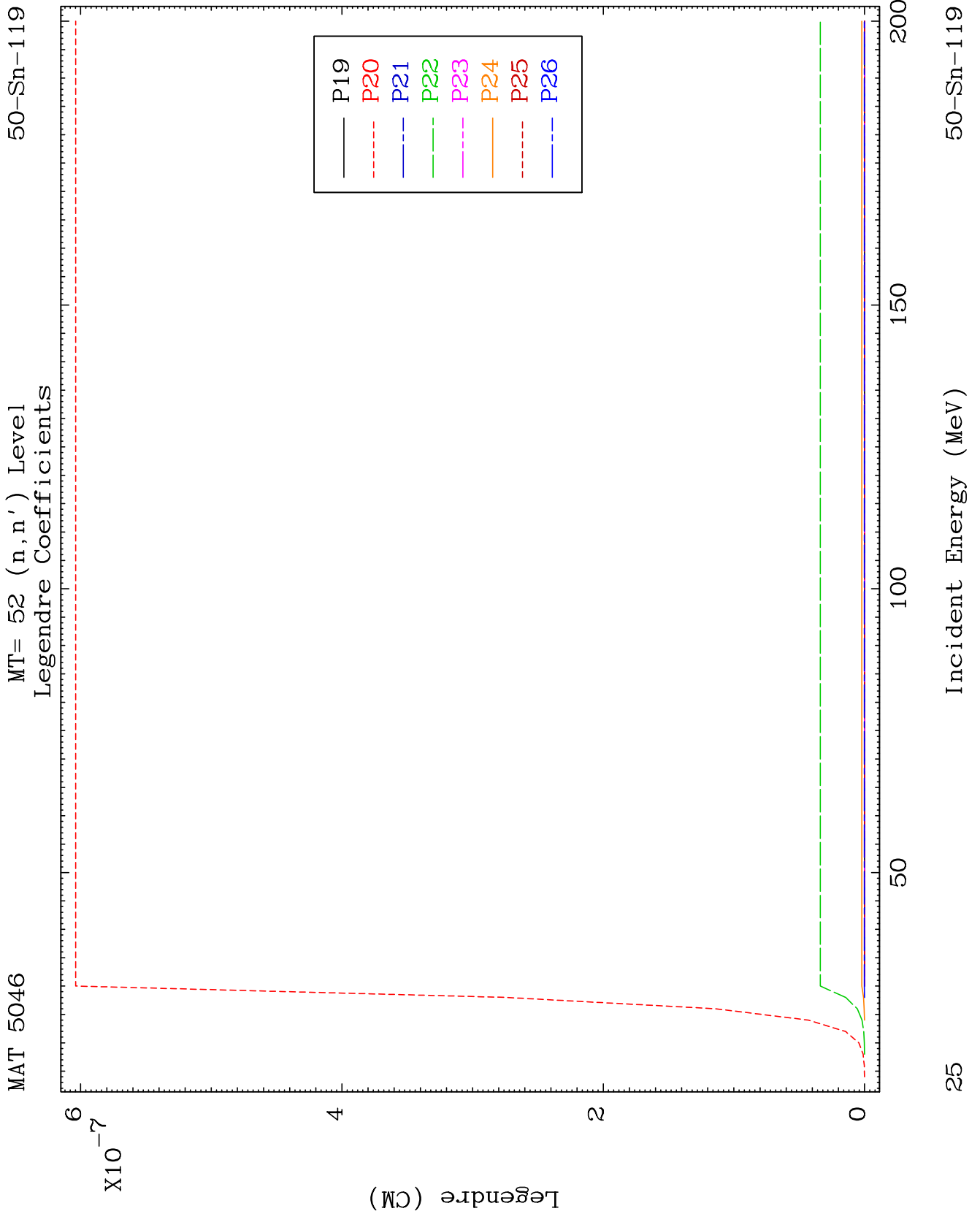
50-Sn-119



24

Incident Energy (MeV)

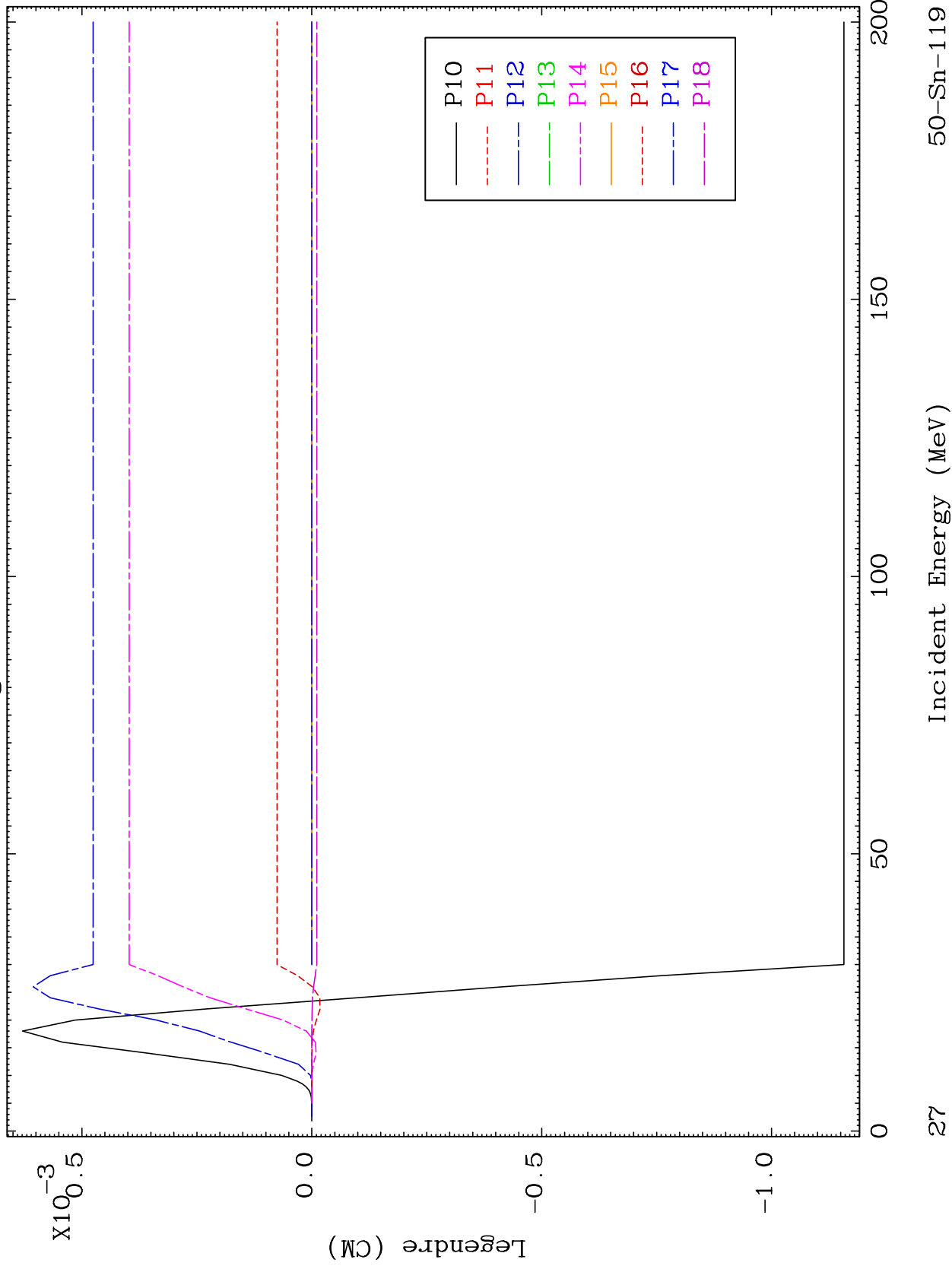
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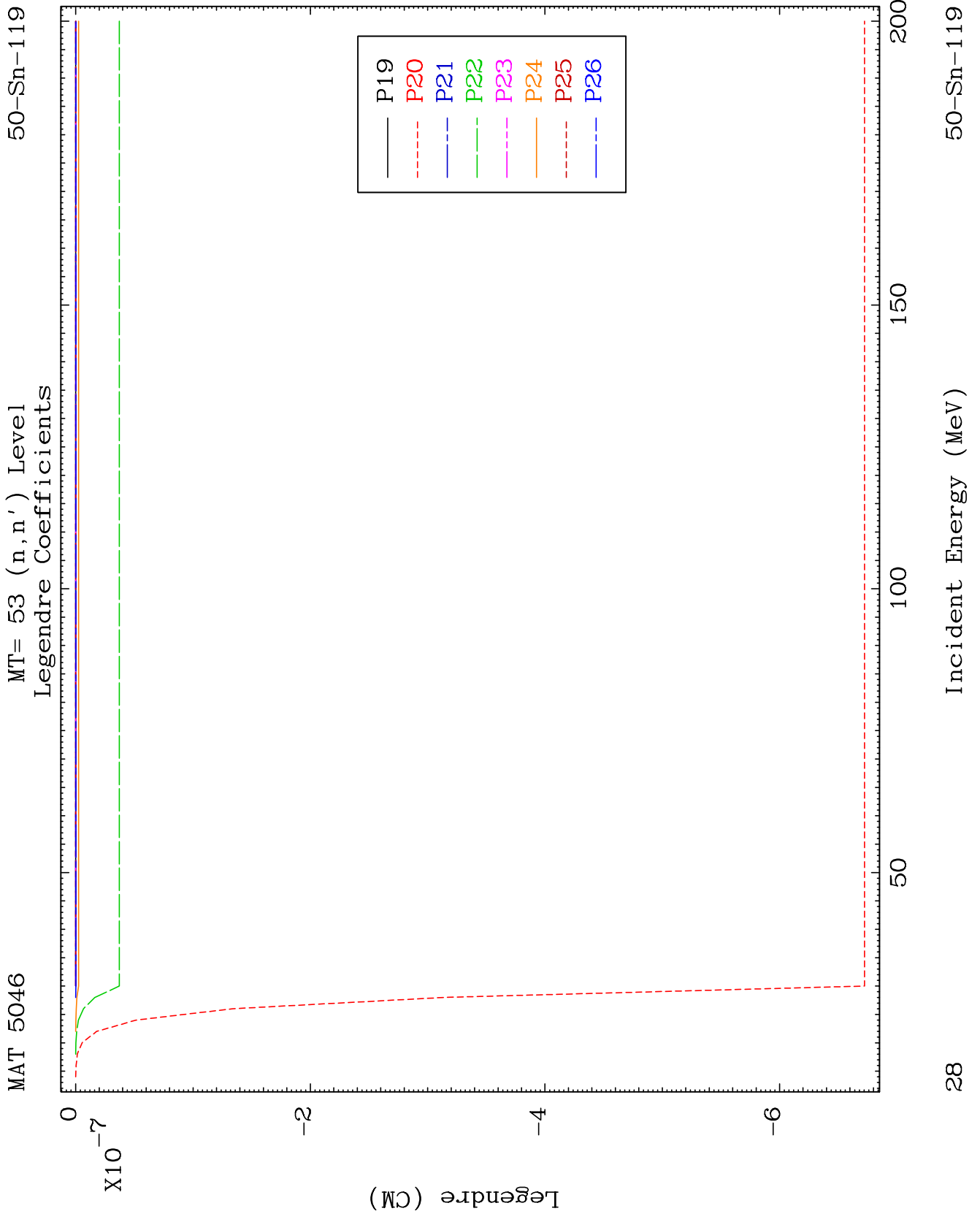


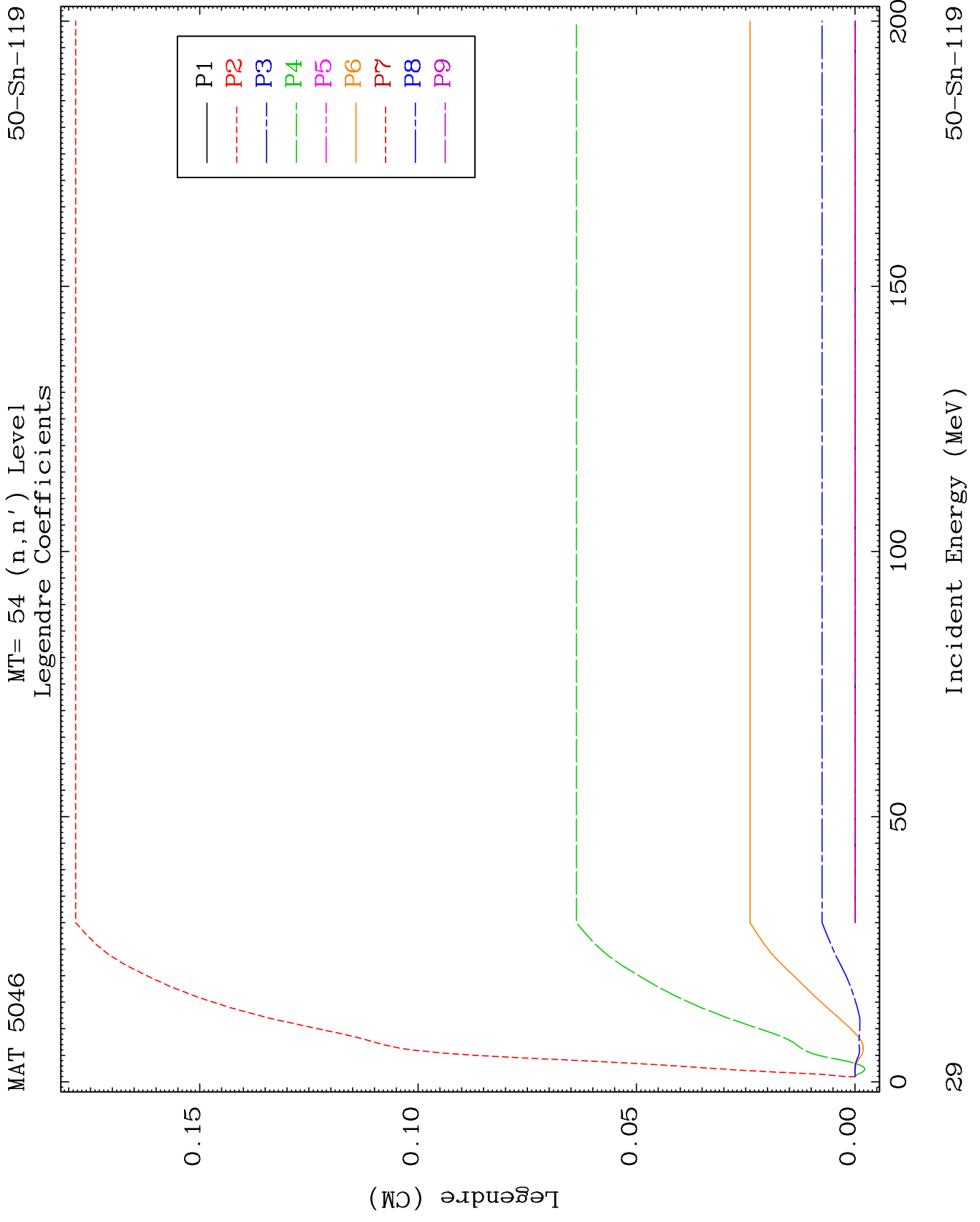
MAT 5046

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

50-Sn-119



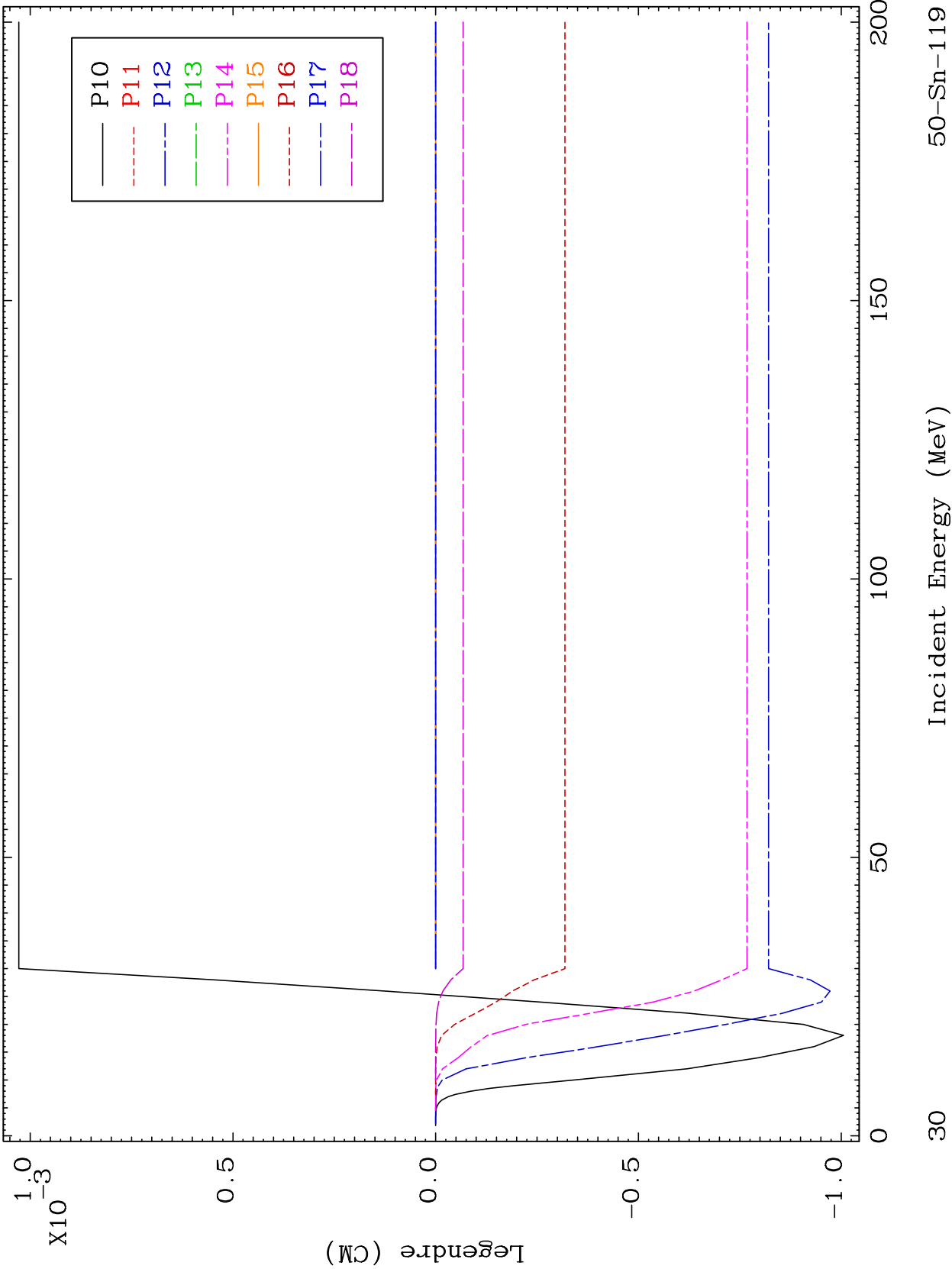


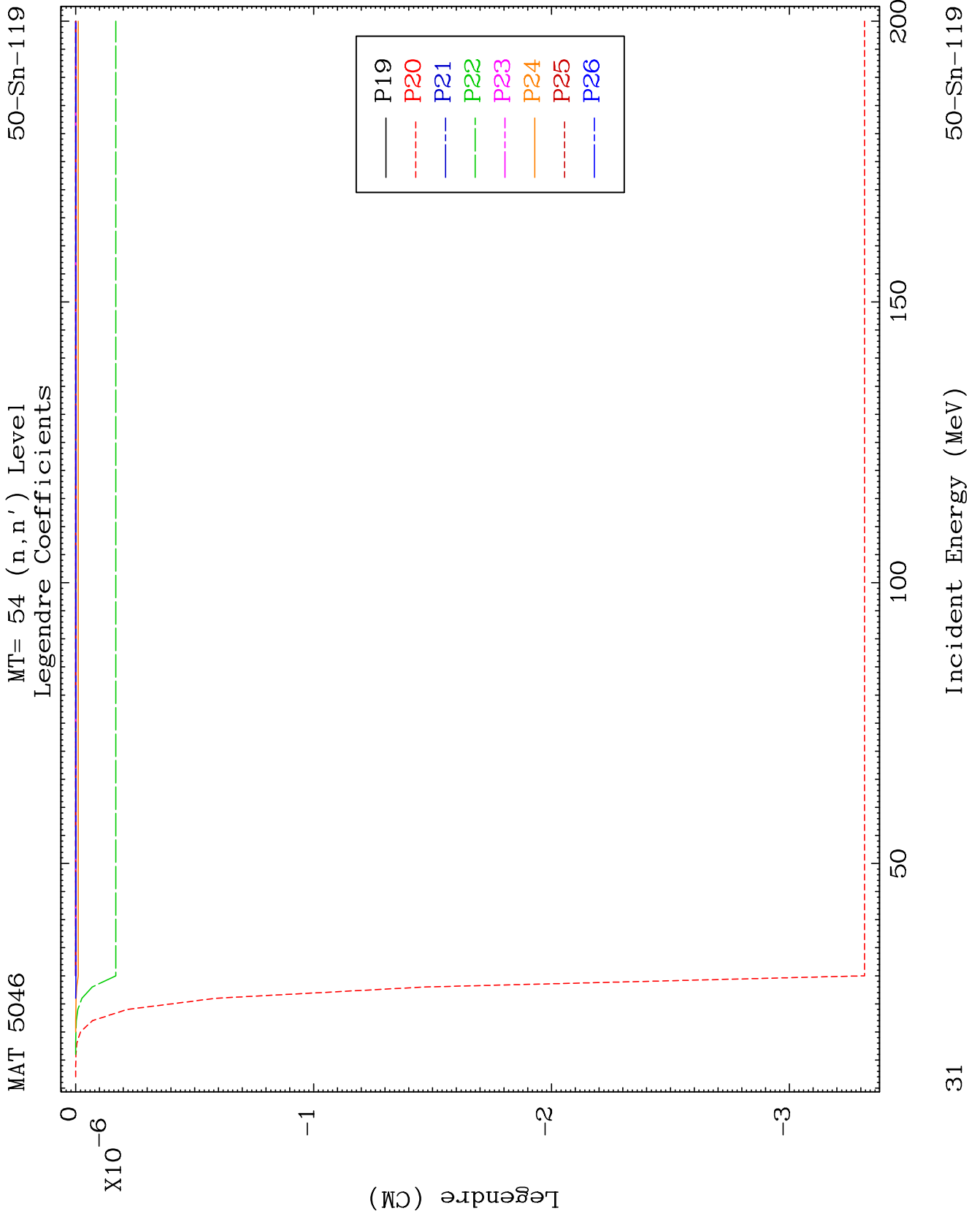


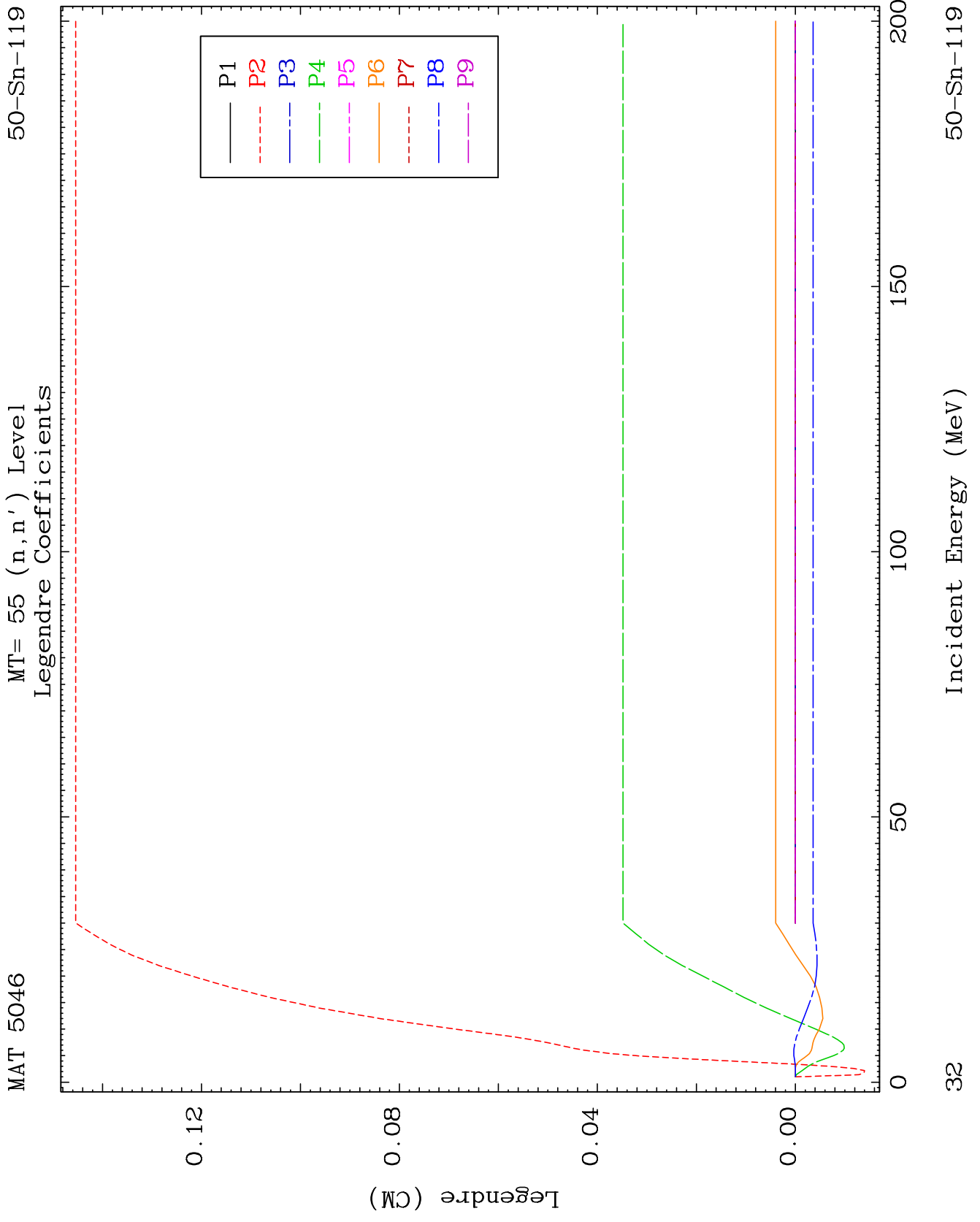
MAT 5046

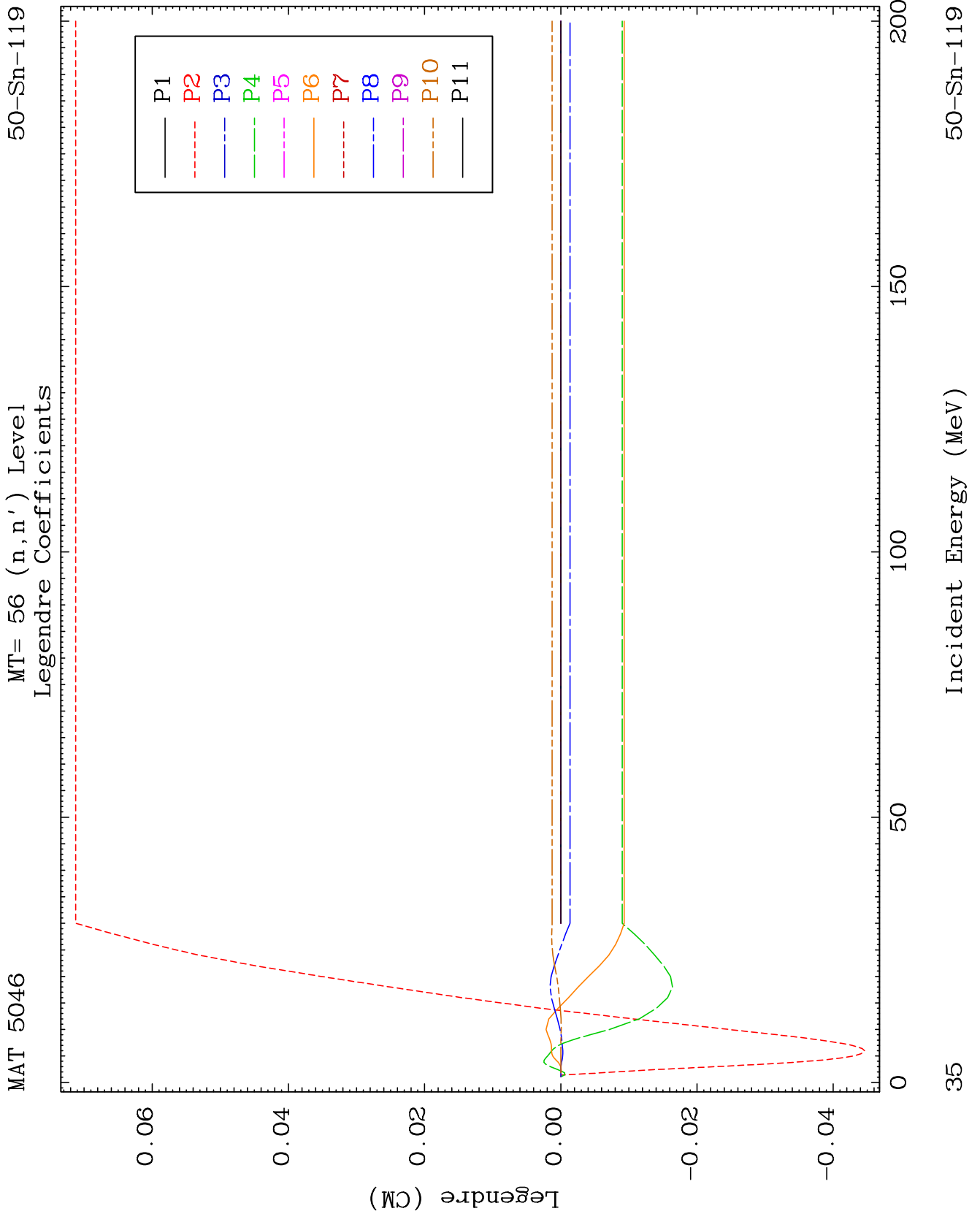
MT= 54 (n,n') Level
Legendre Coefficients

50-Sn-119





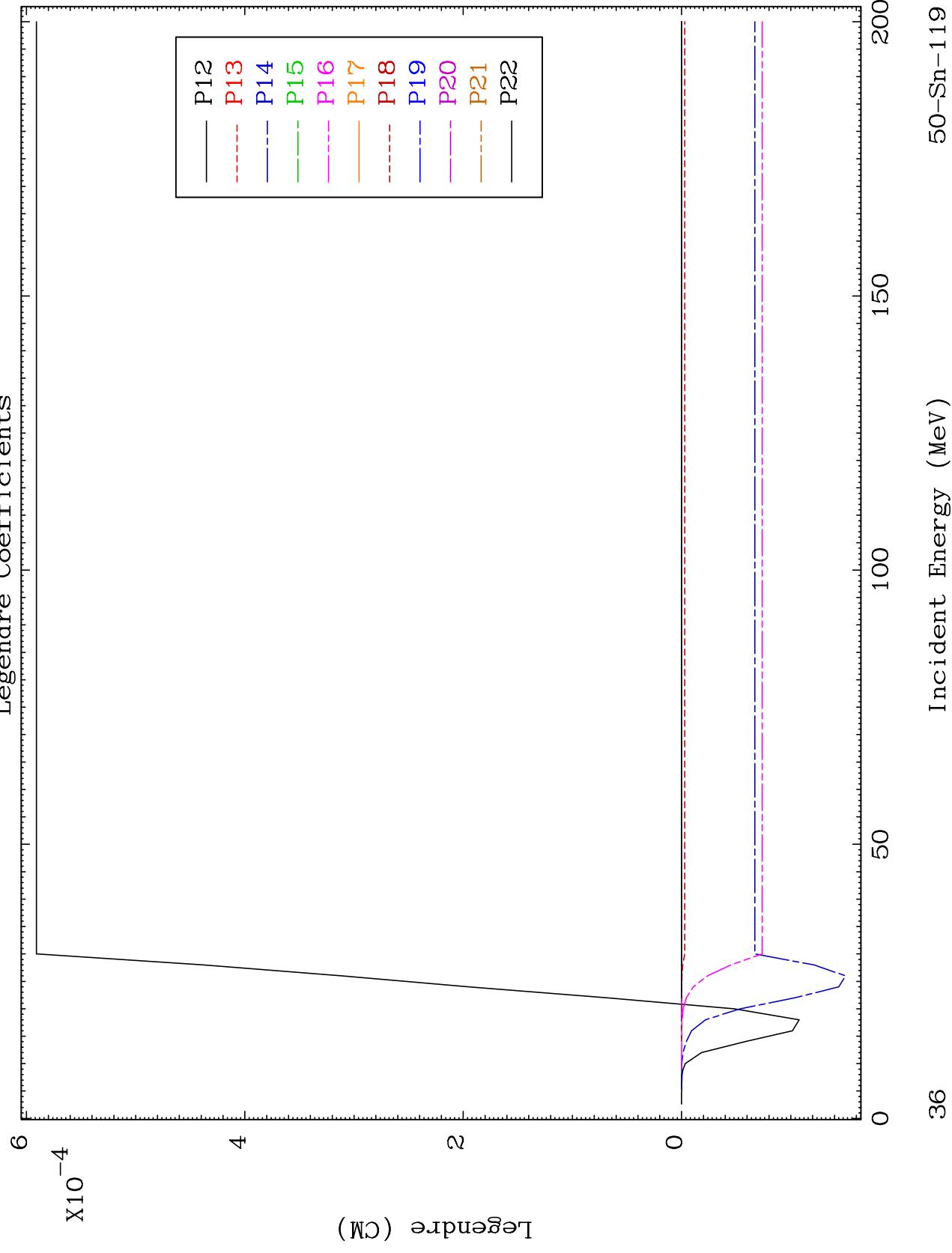




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MT= 56 (n,n') Level
Legendre Coefficients

50-Sn-119



36

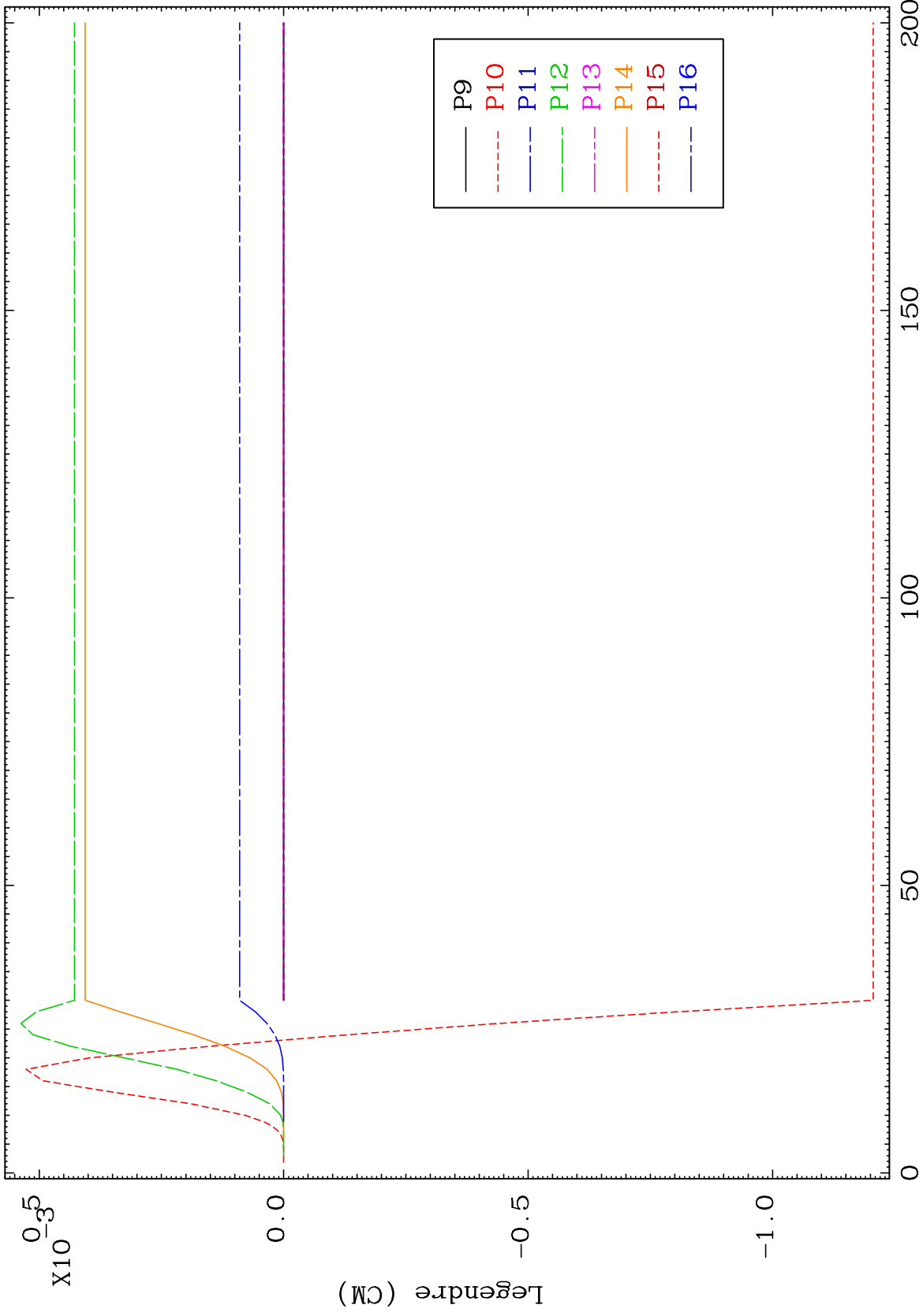
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

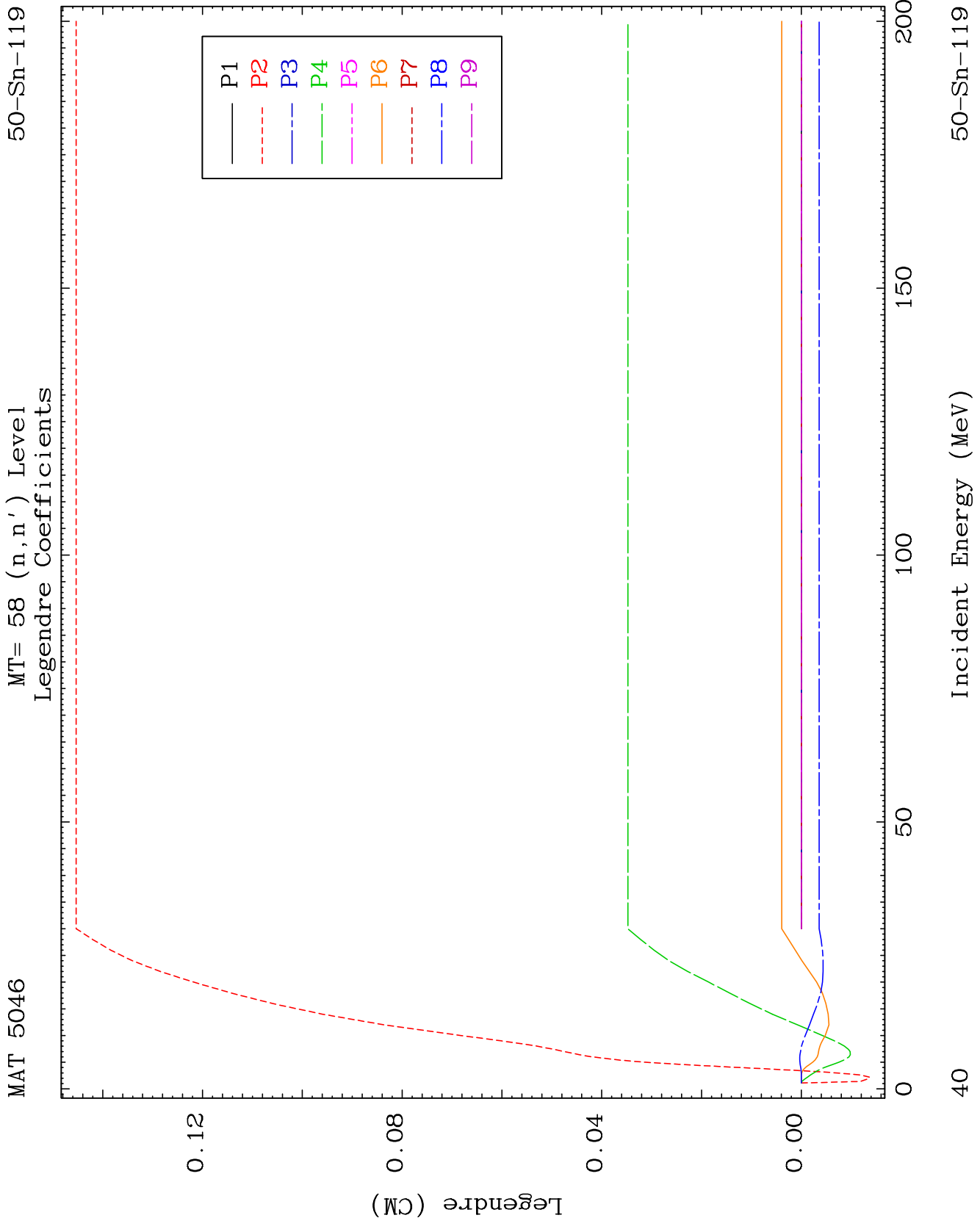
50-Sn-119



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Incident Energy (MeV)

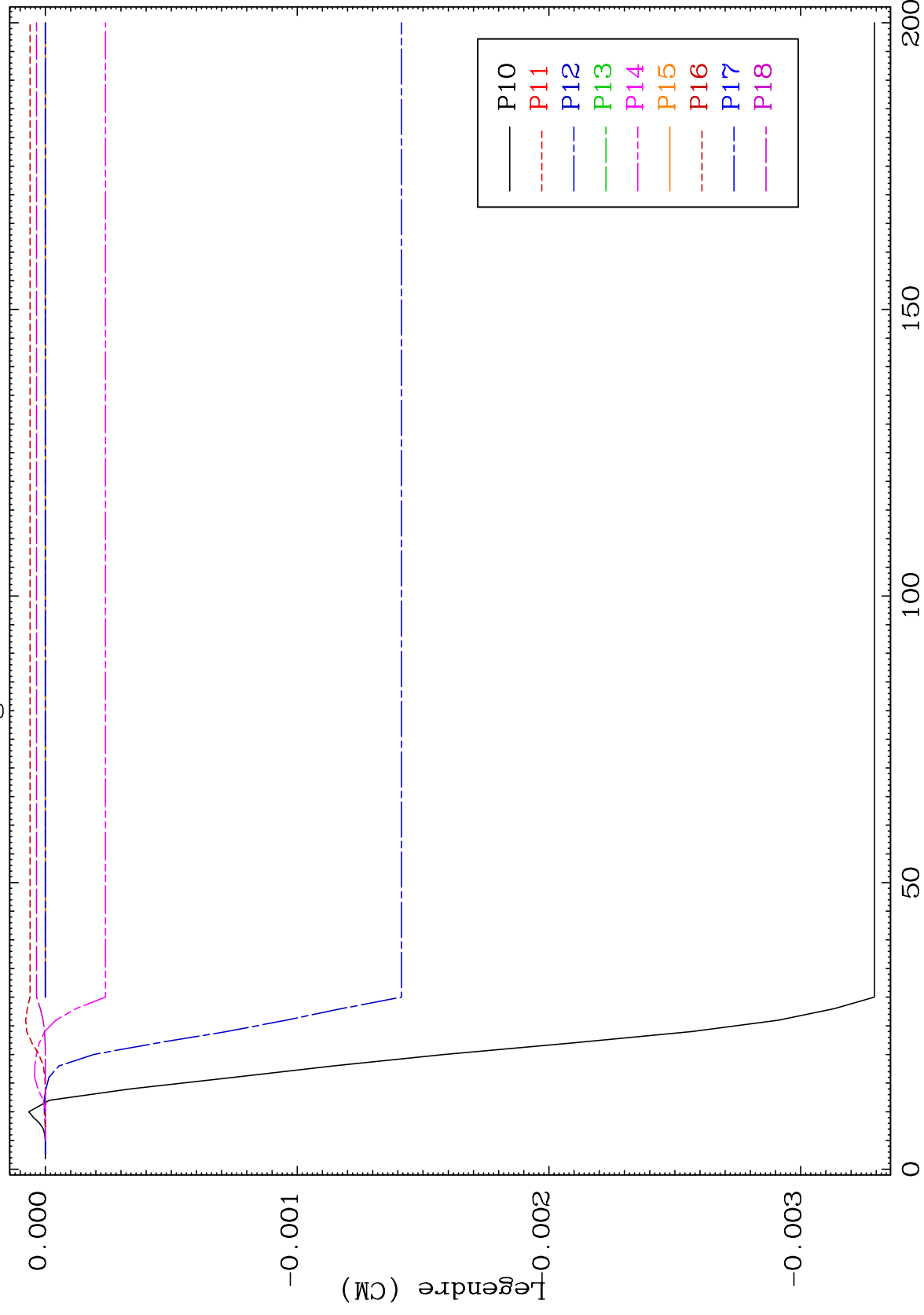
50-Sn-119



MAT 5046

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

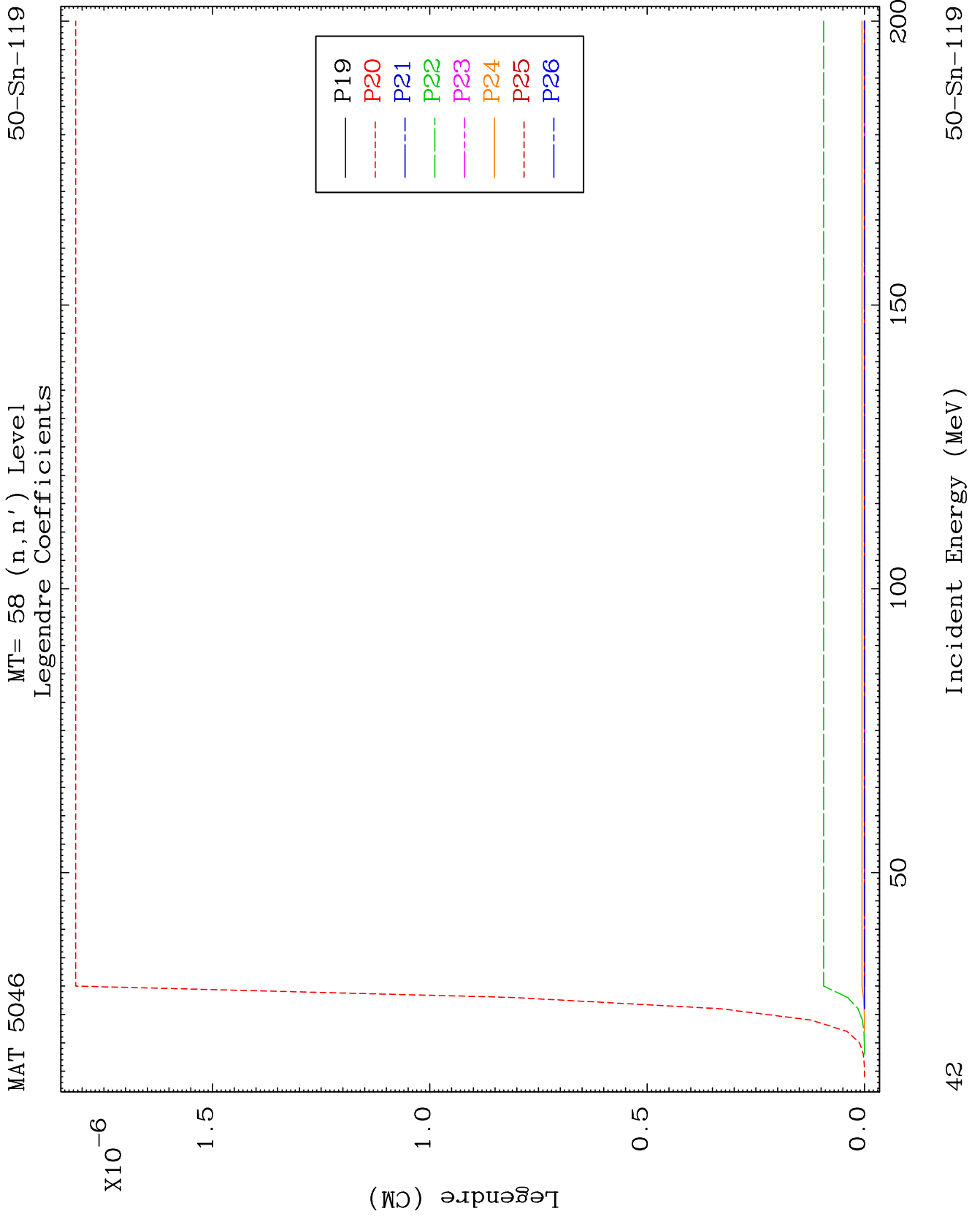
50-Sn-119

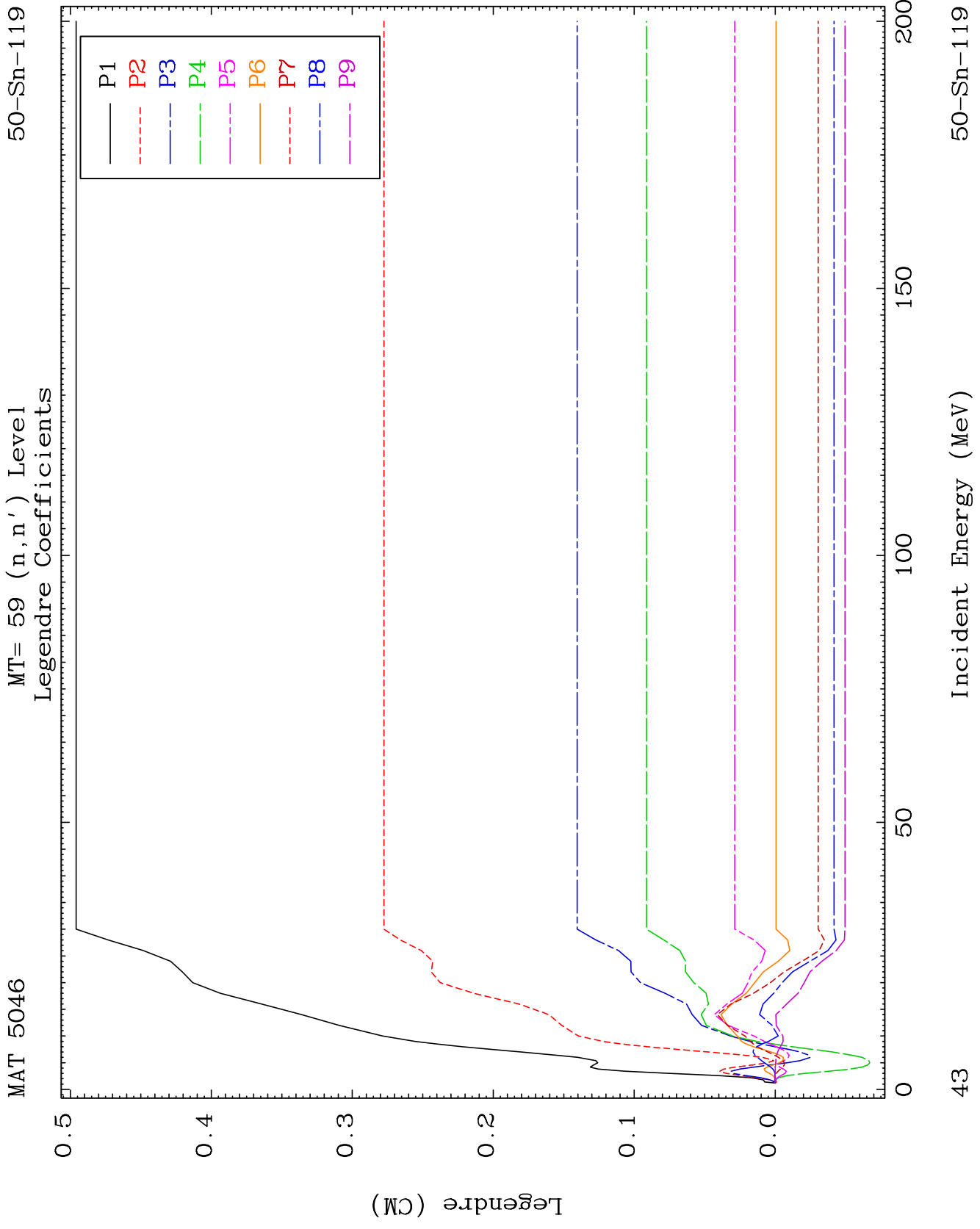


41

Incident Energy (MeV)

50-Sn-119

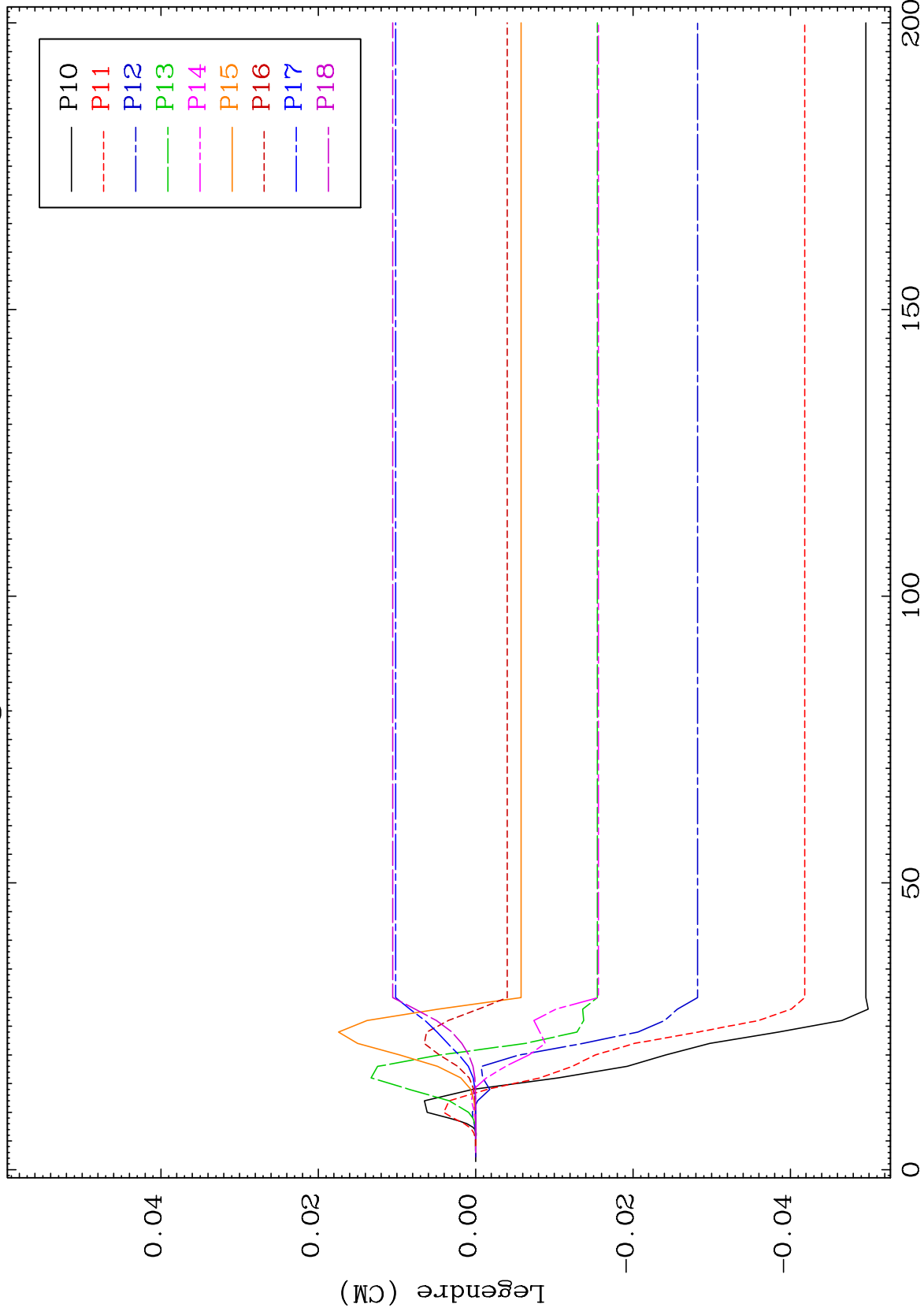




MAT 5046

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

50-Sn-119



44

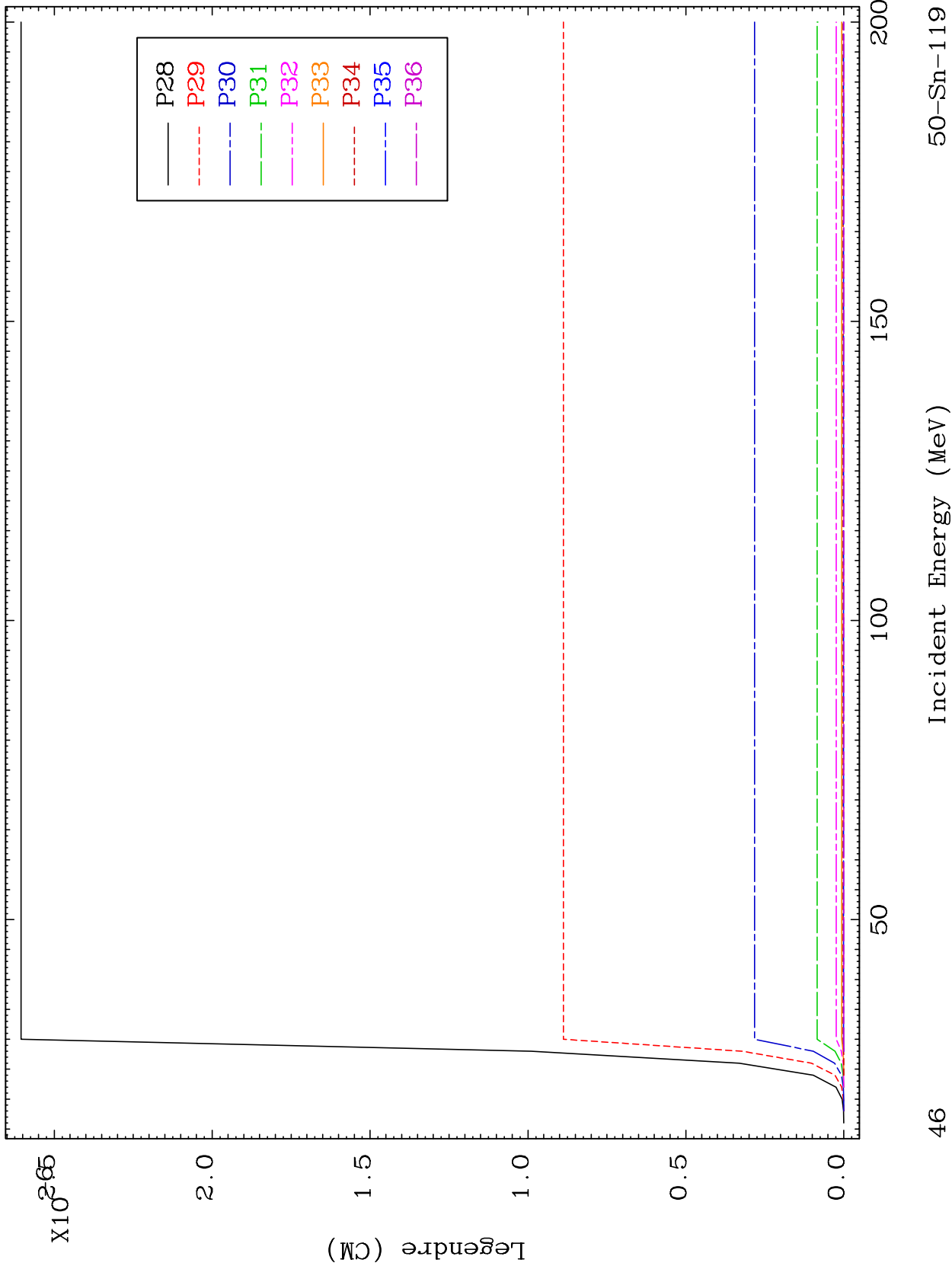
Incident Energy (MeV)

50-Sn-119

MAT 5046

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

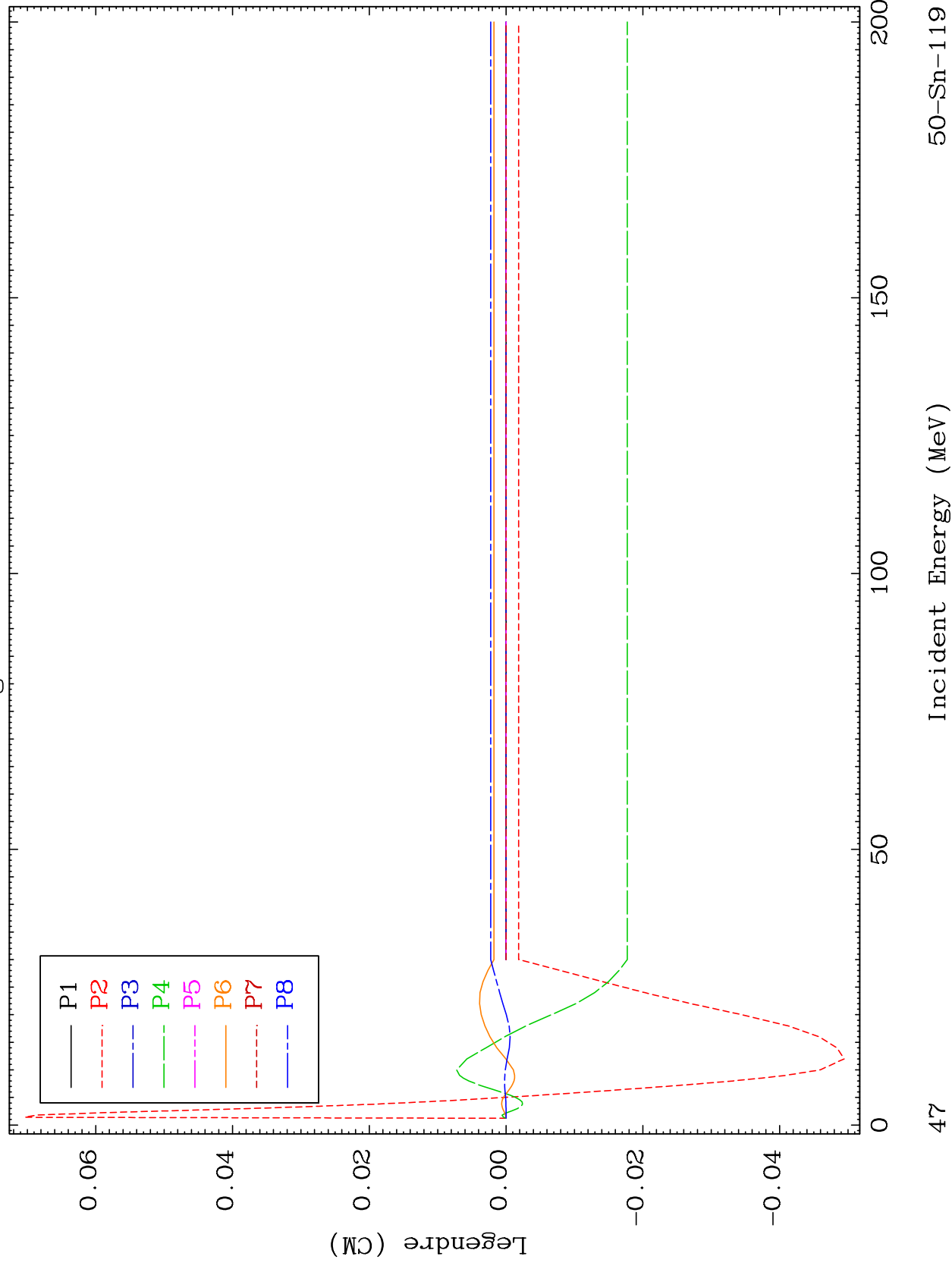
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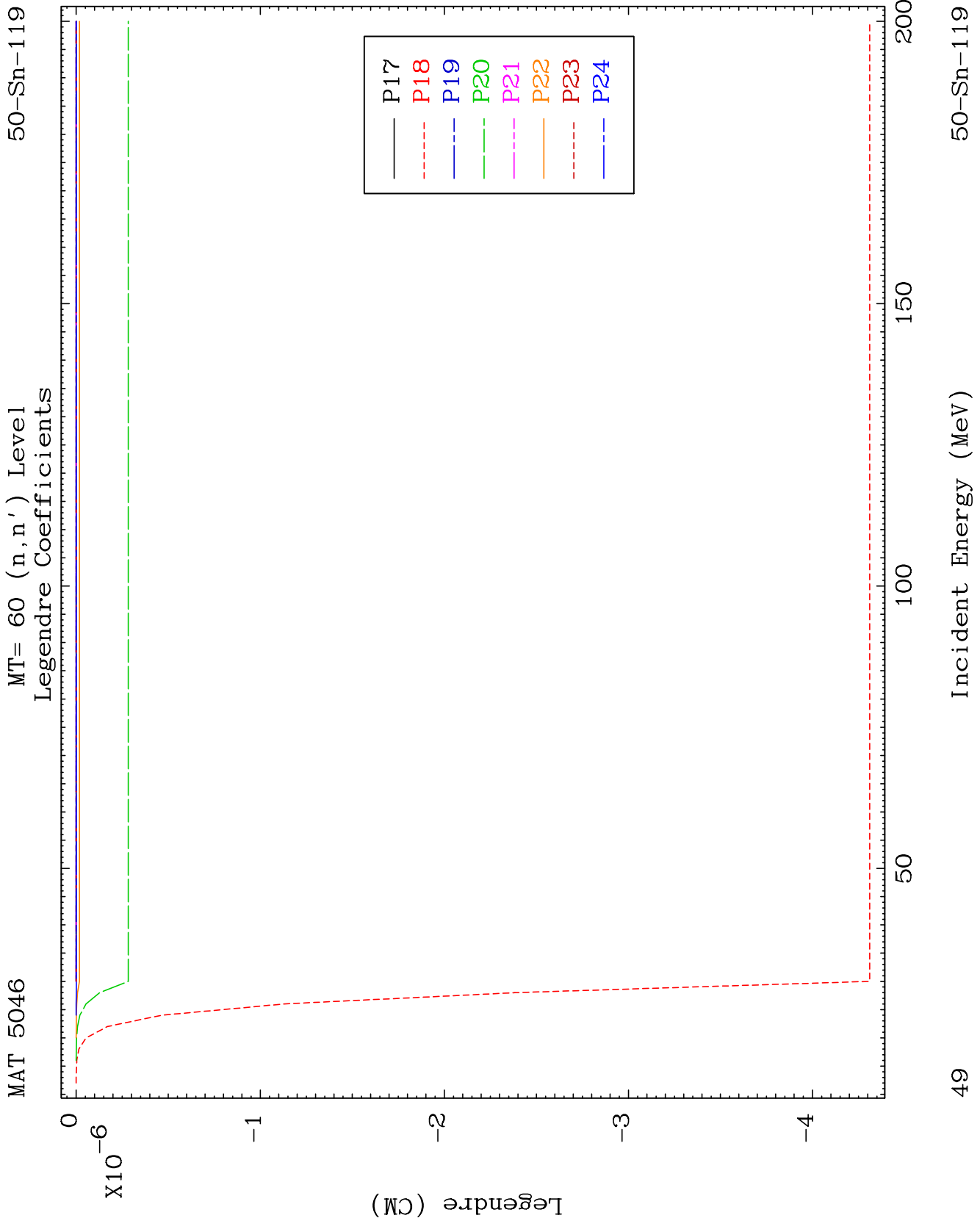


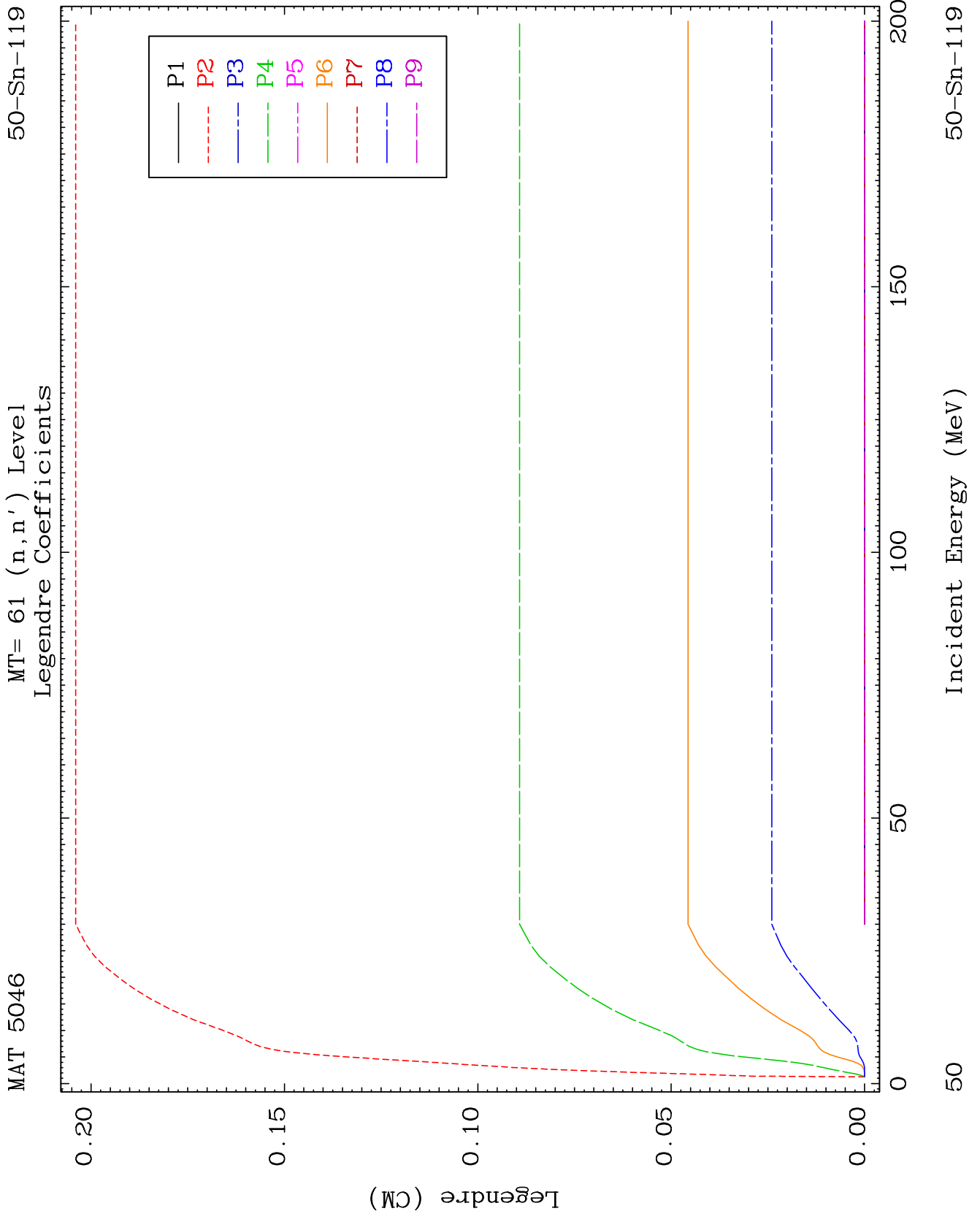
MAT 5046

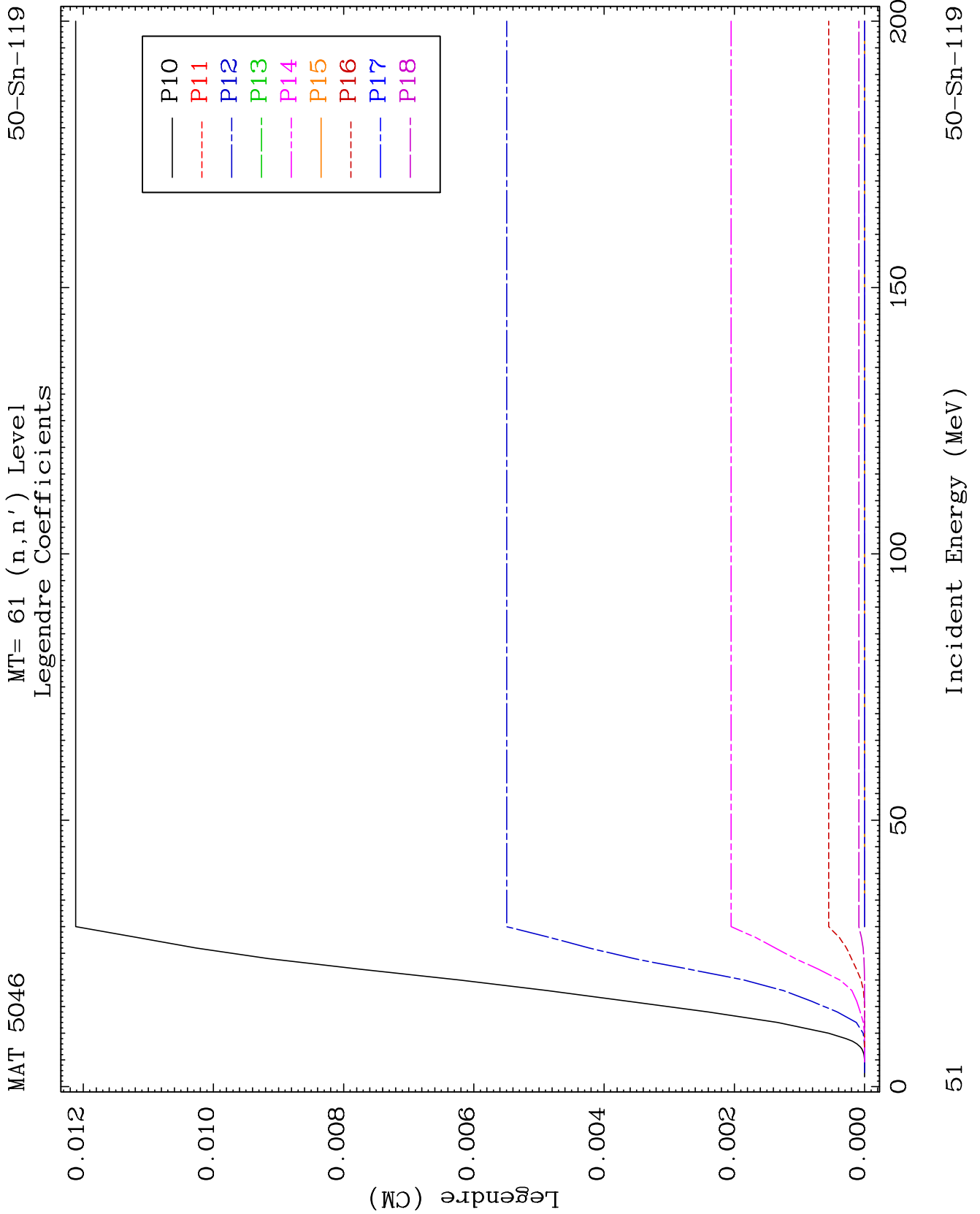
MT= 60 (n,n') Level
Legendre Coefficients

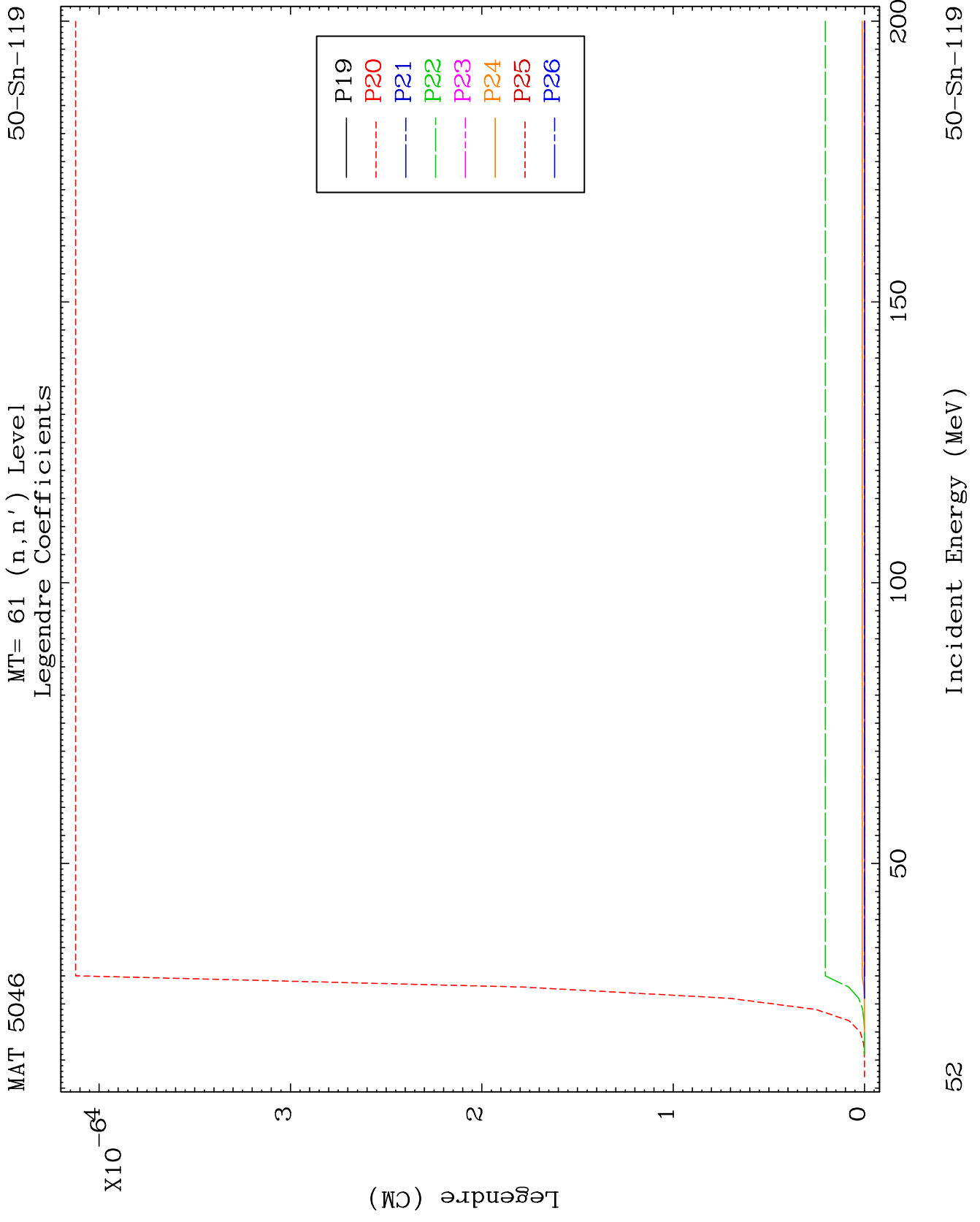
50-Sn-119







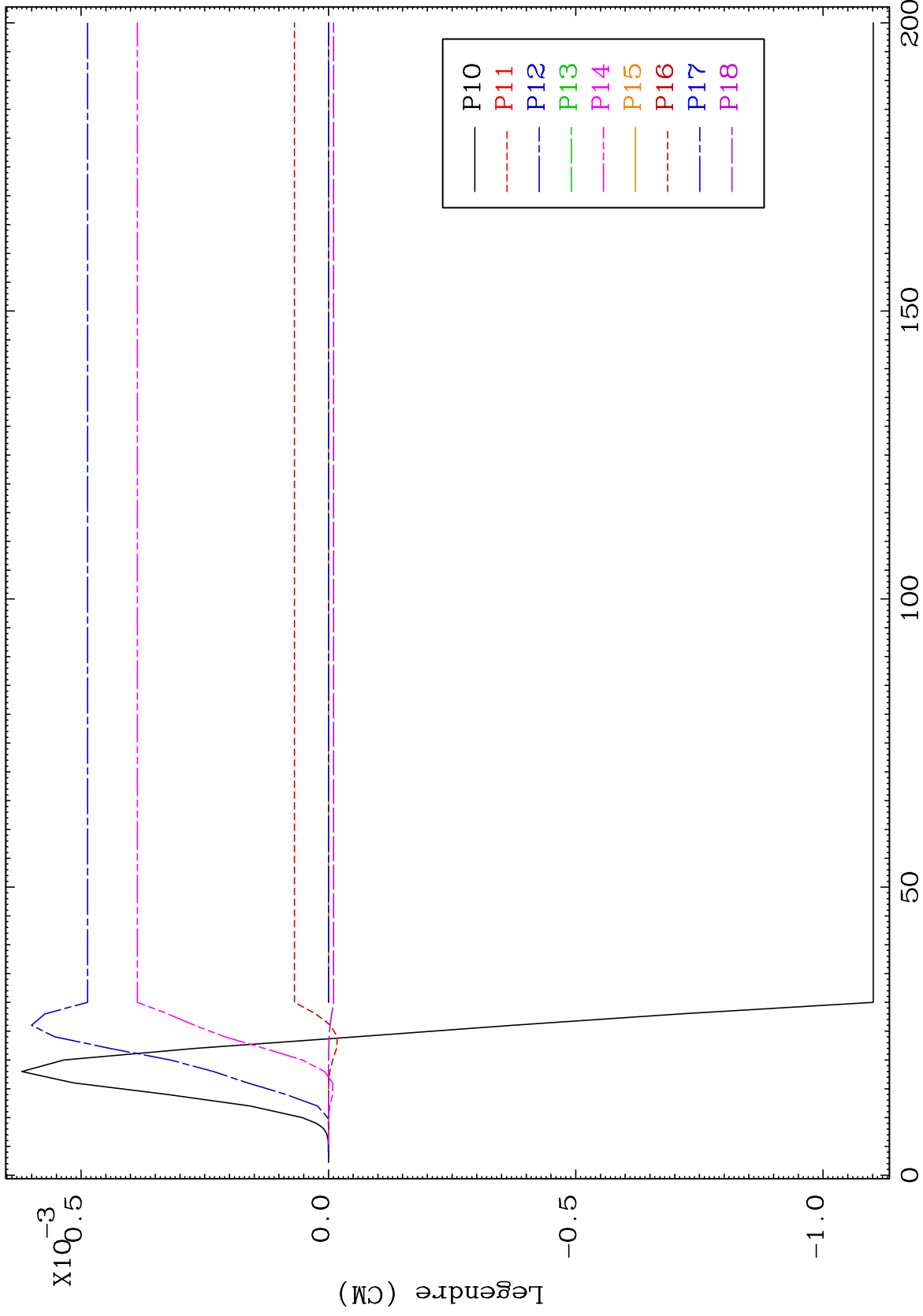




MAT 5046

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

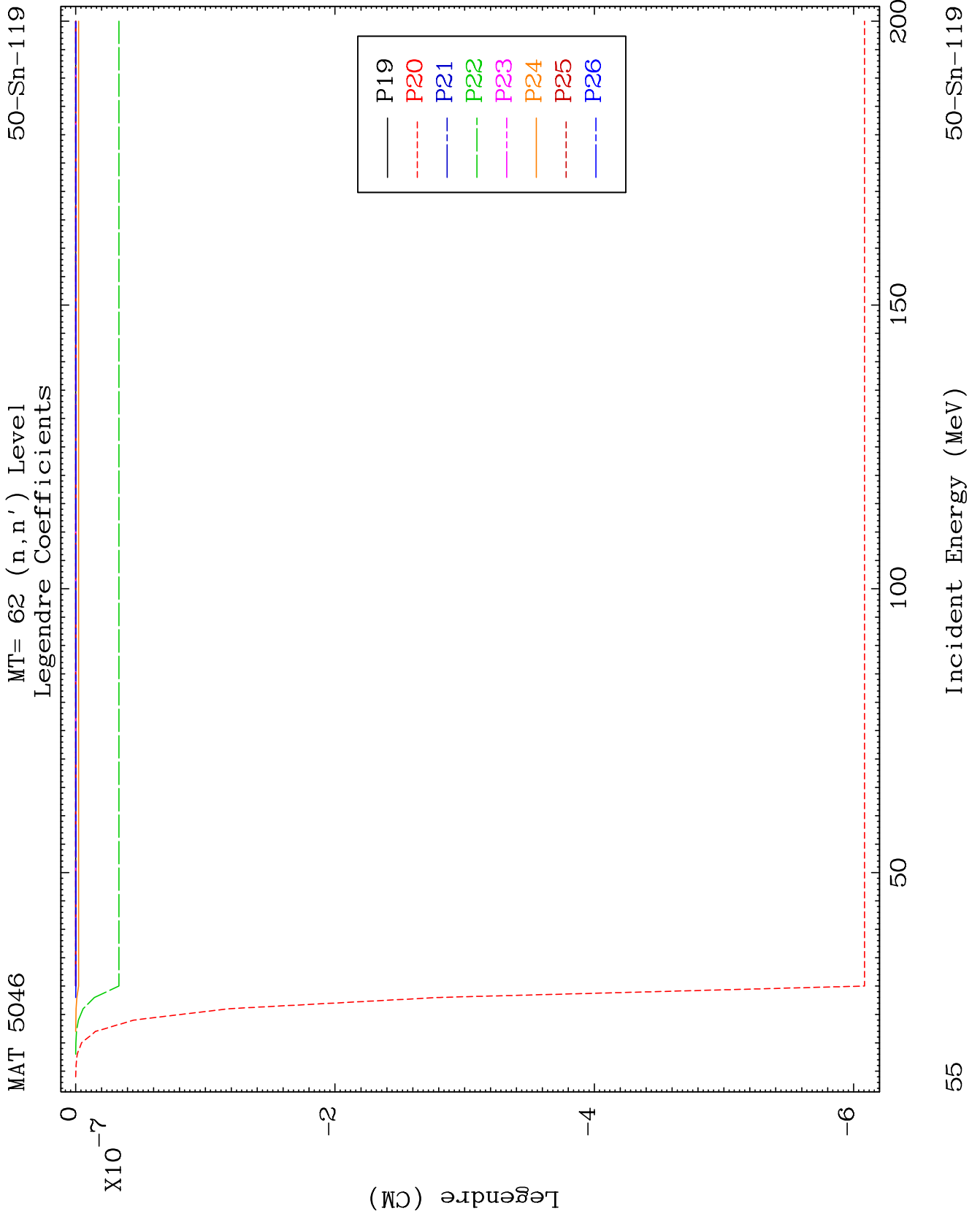
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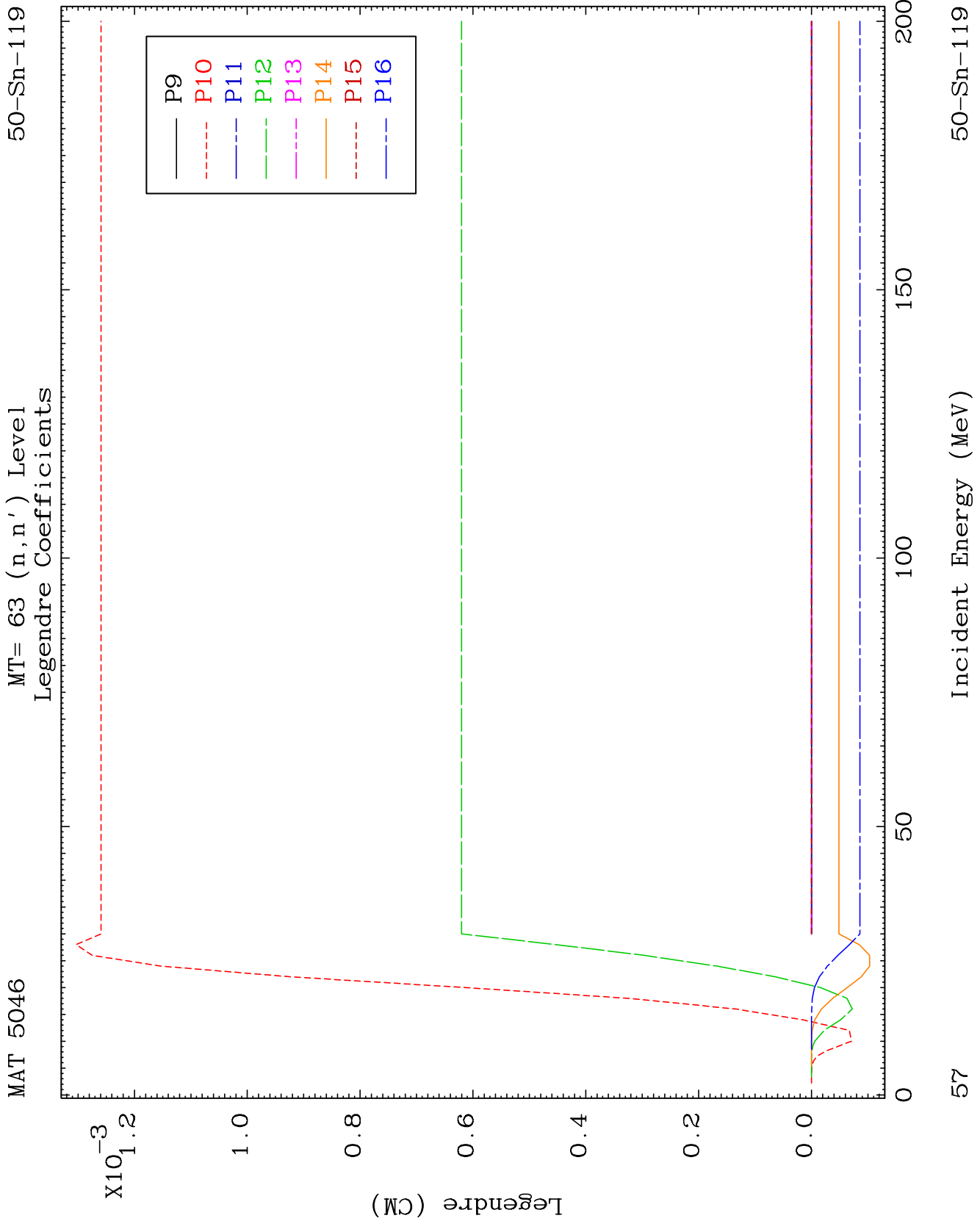


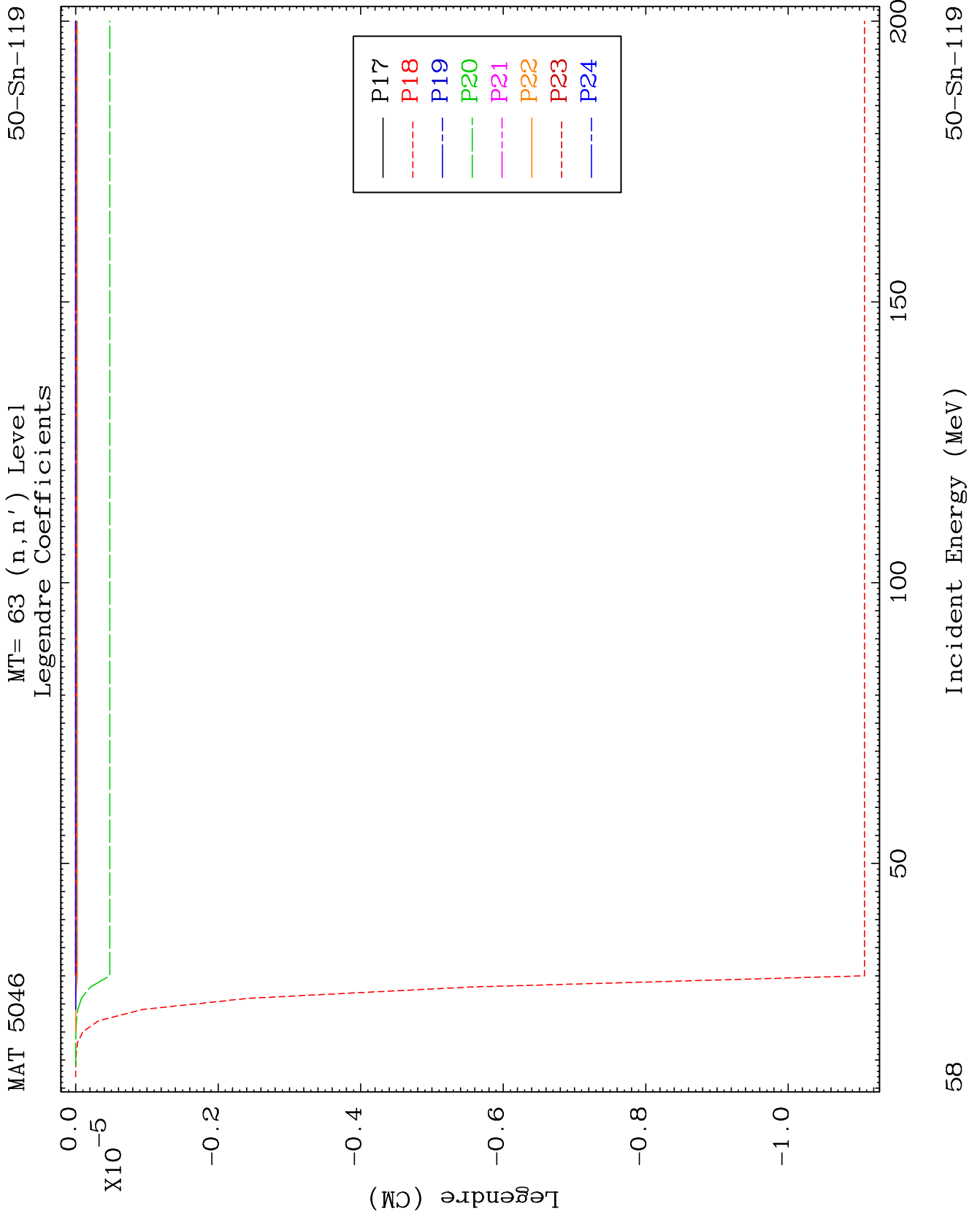
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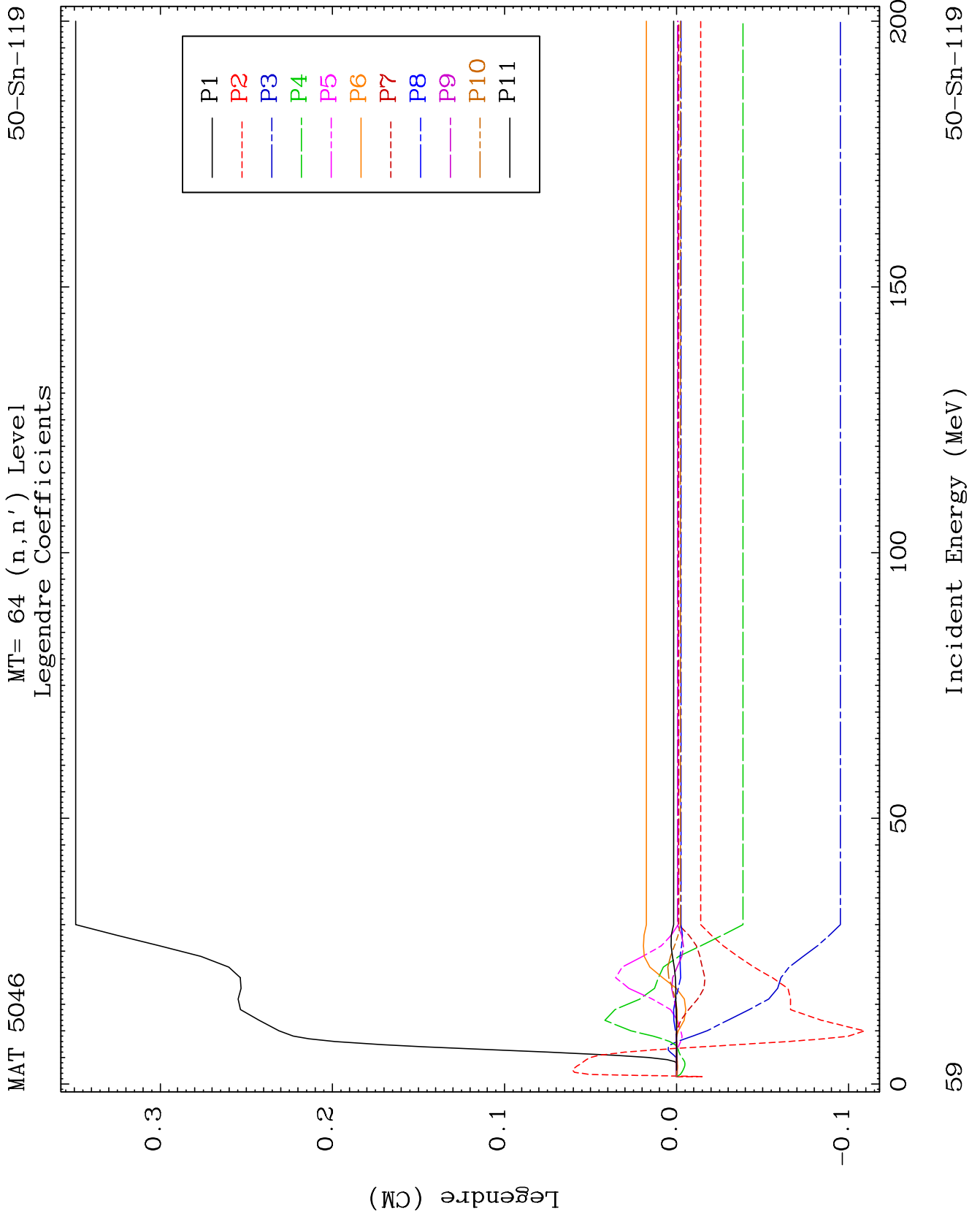
Incident Energy (MeV)

50-Sn-119





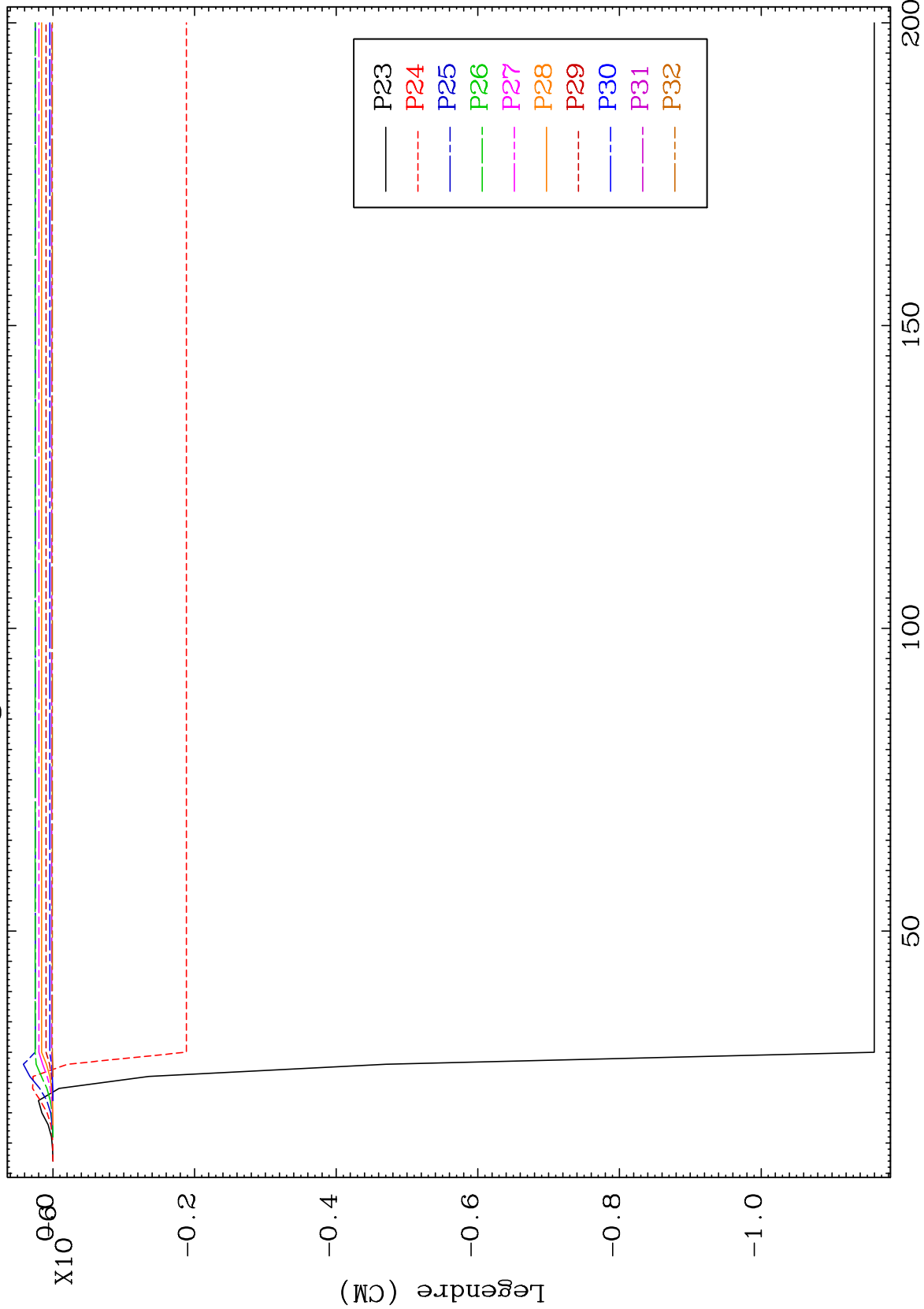




MAT 5046

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

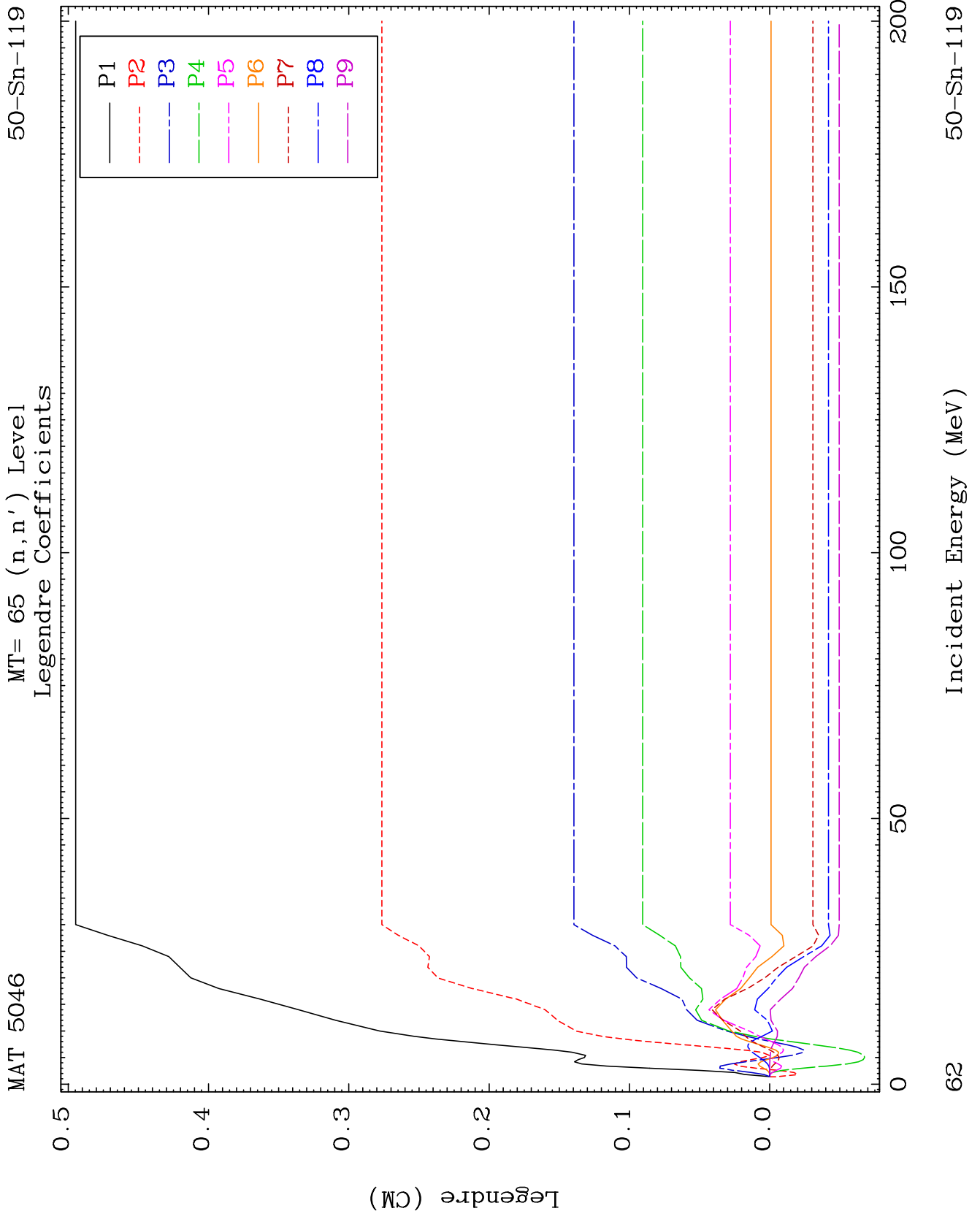
50-Sn-119



61

Incident Energy (MeV)

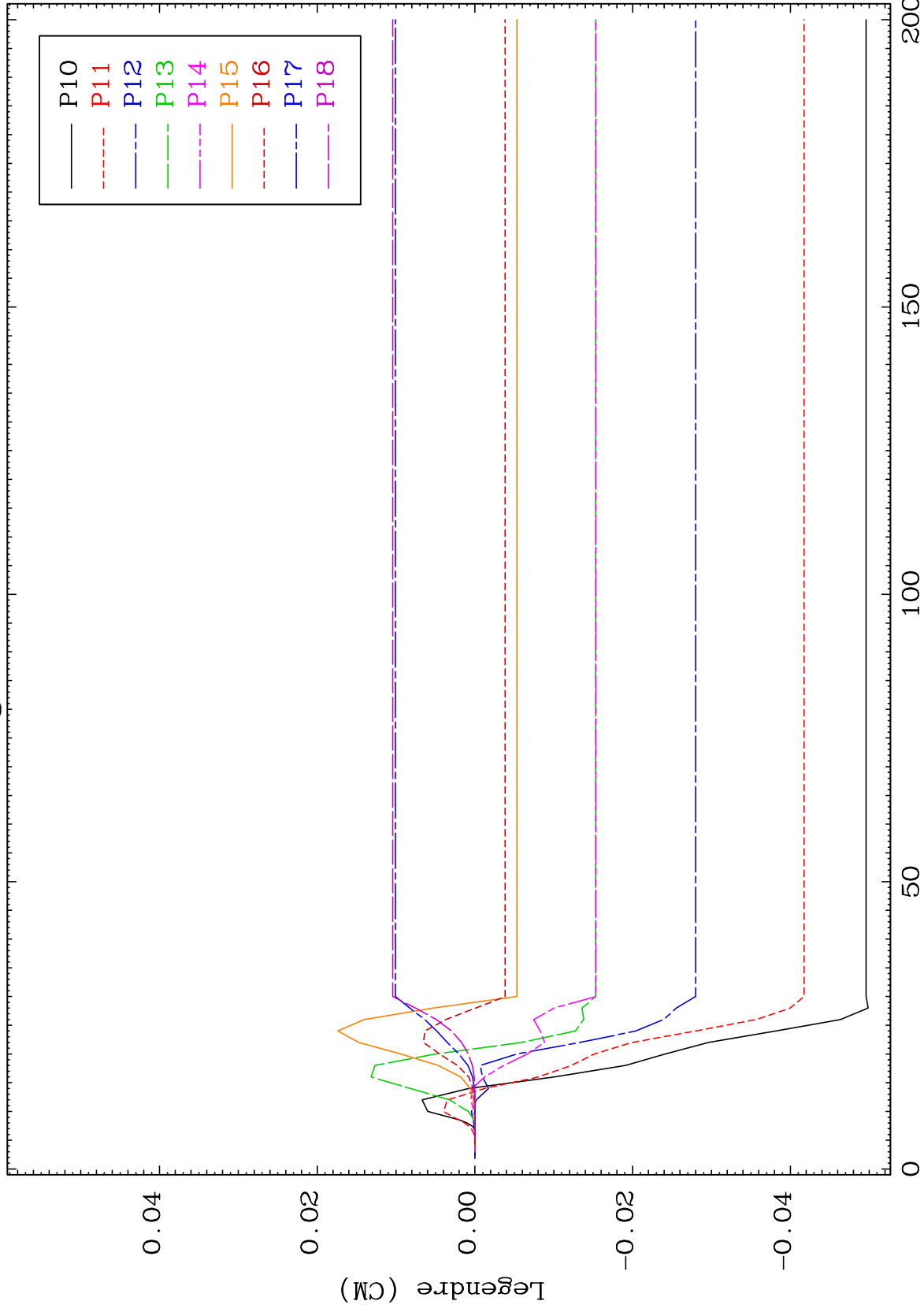
50-Sn-119



MAT 5046

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

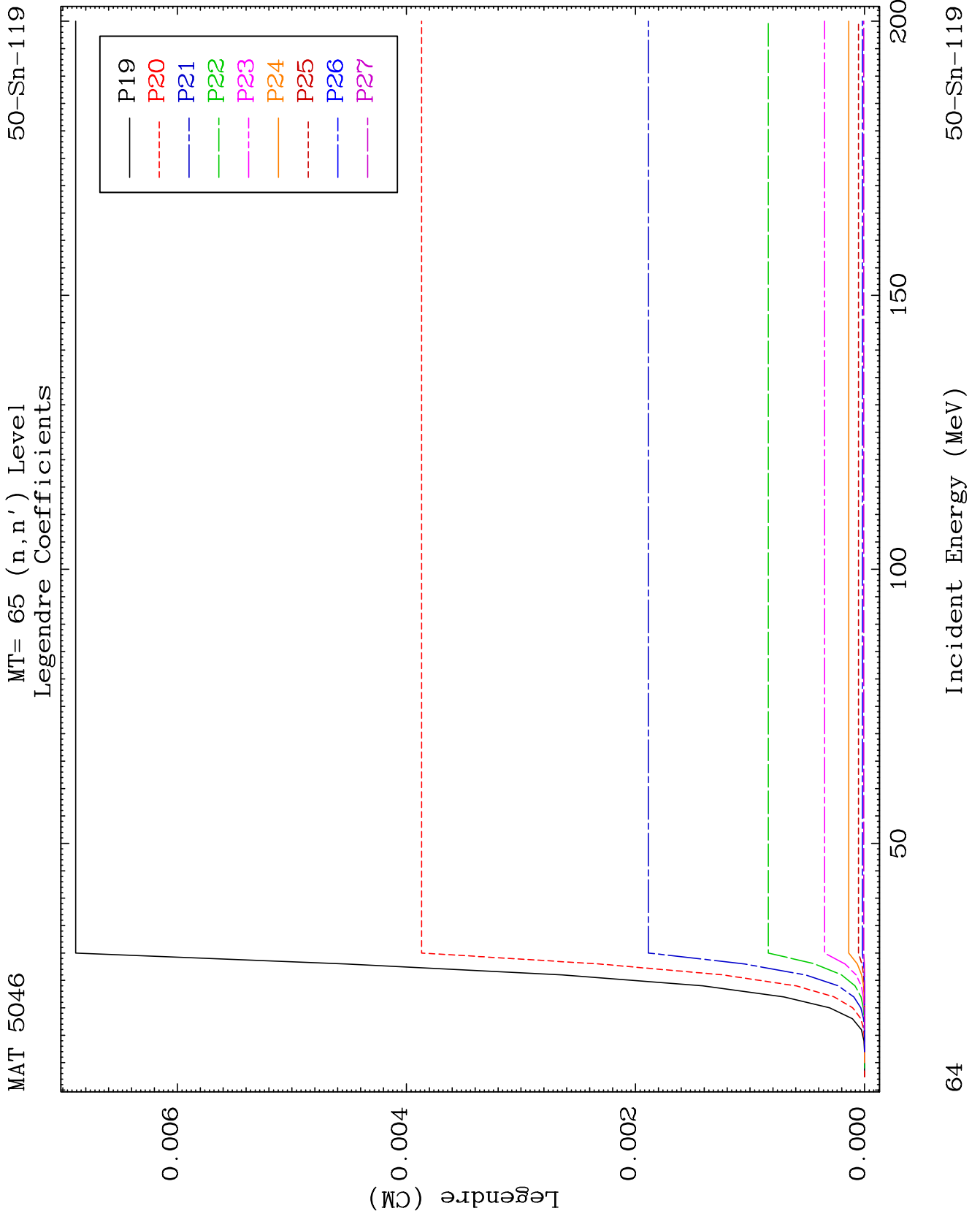
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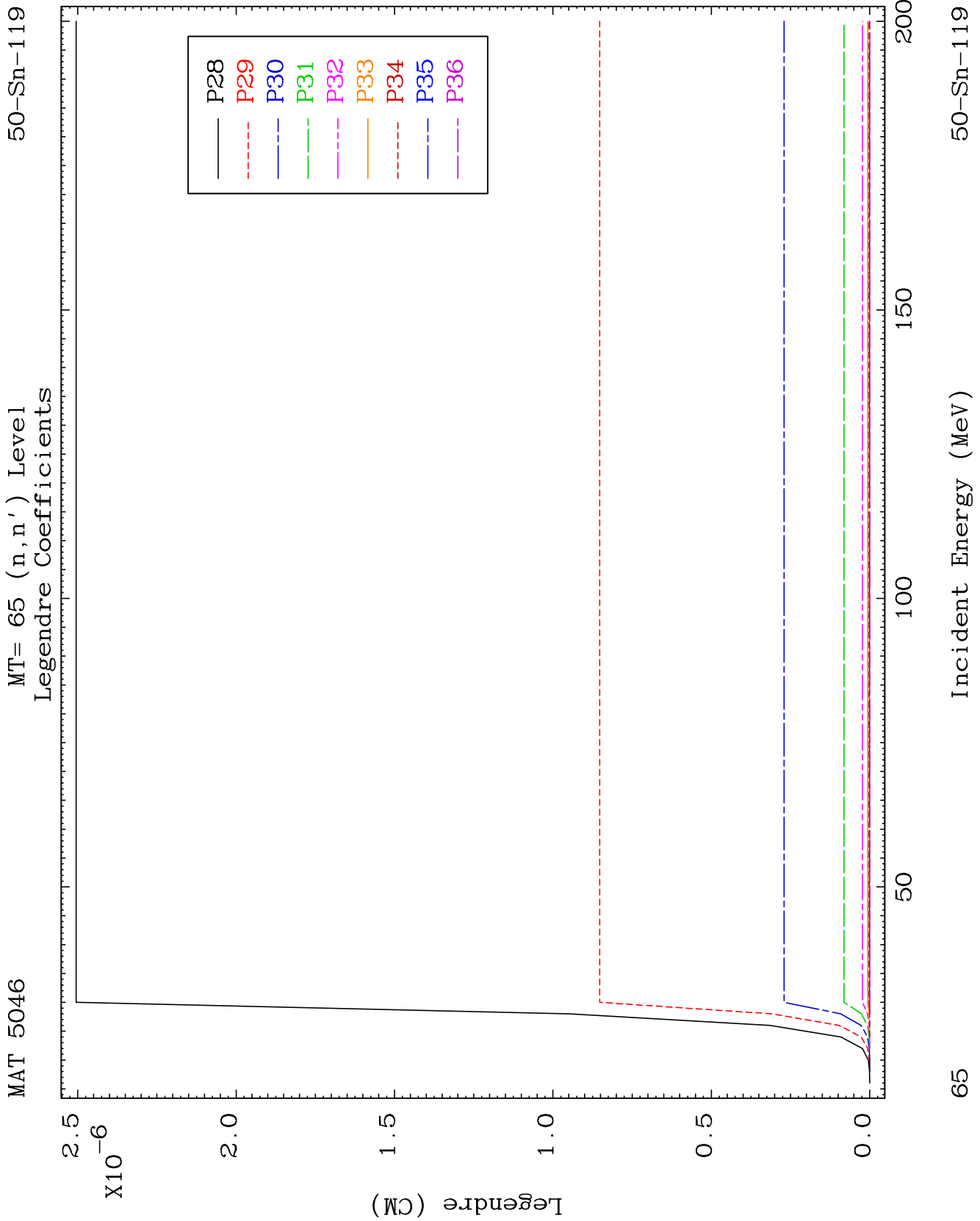


63

Incident Energy (MeV)

50-Sn-119

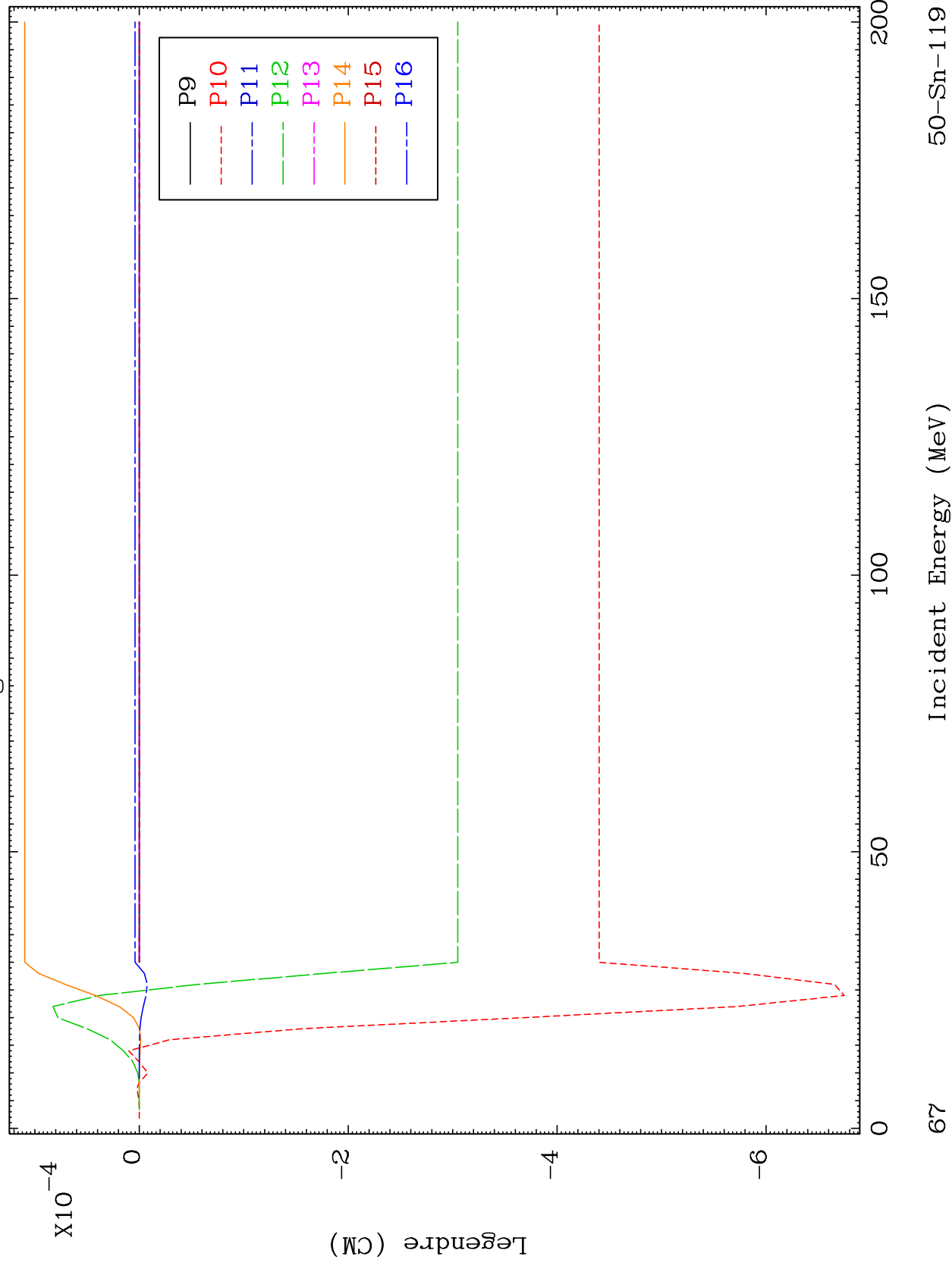




MAT 5046

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

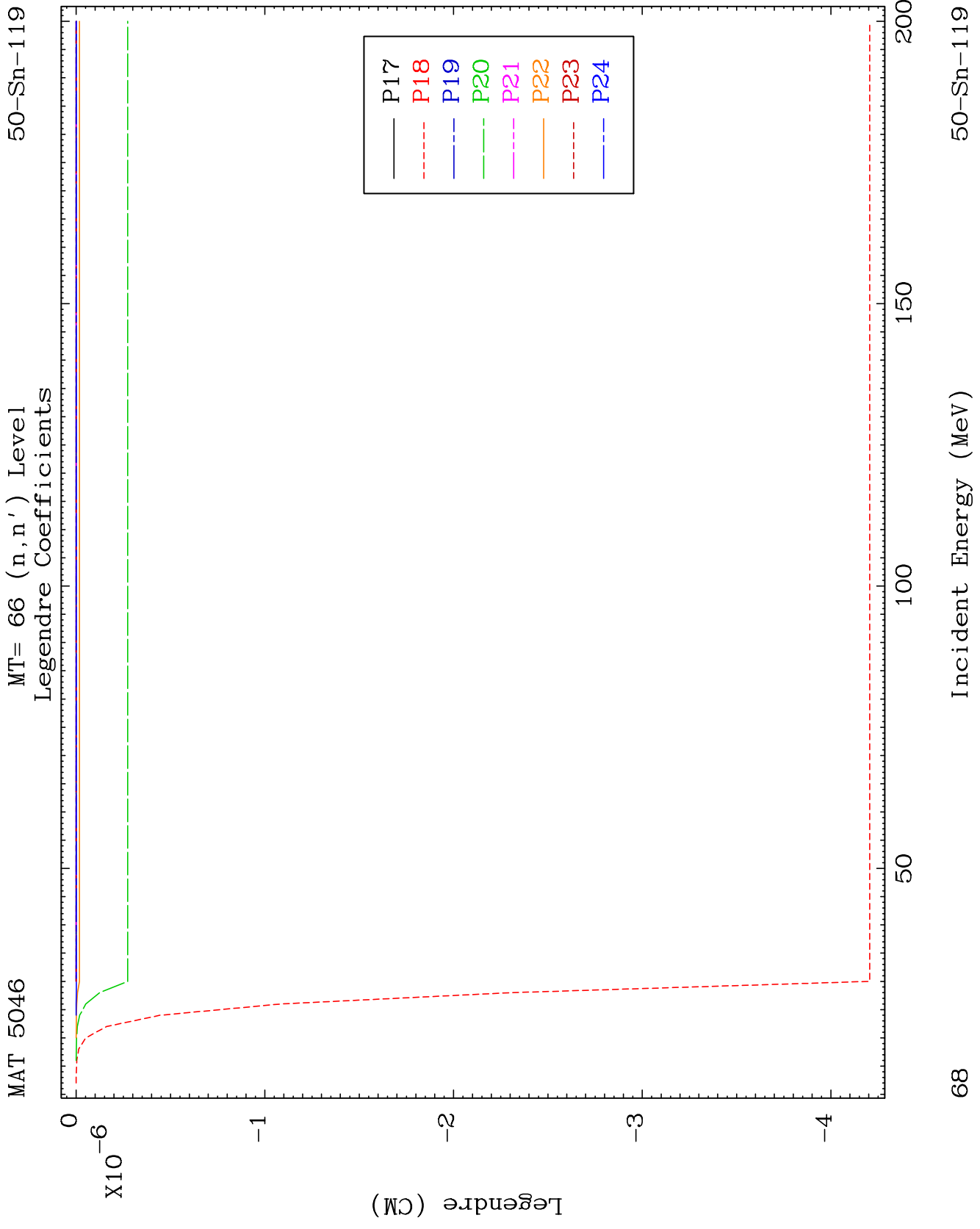
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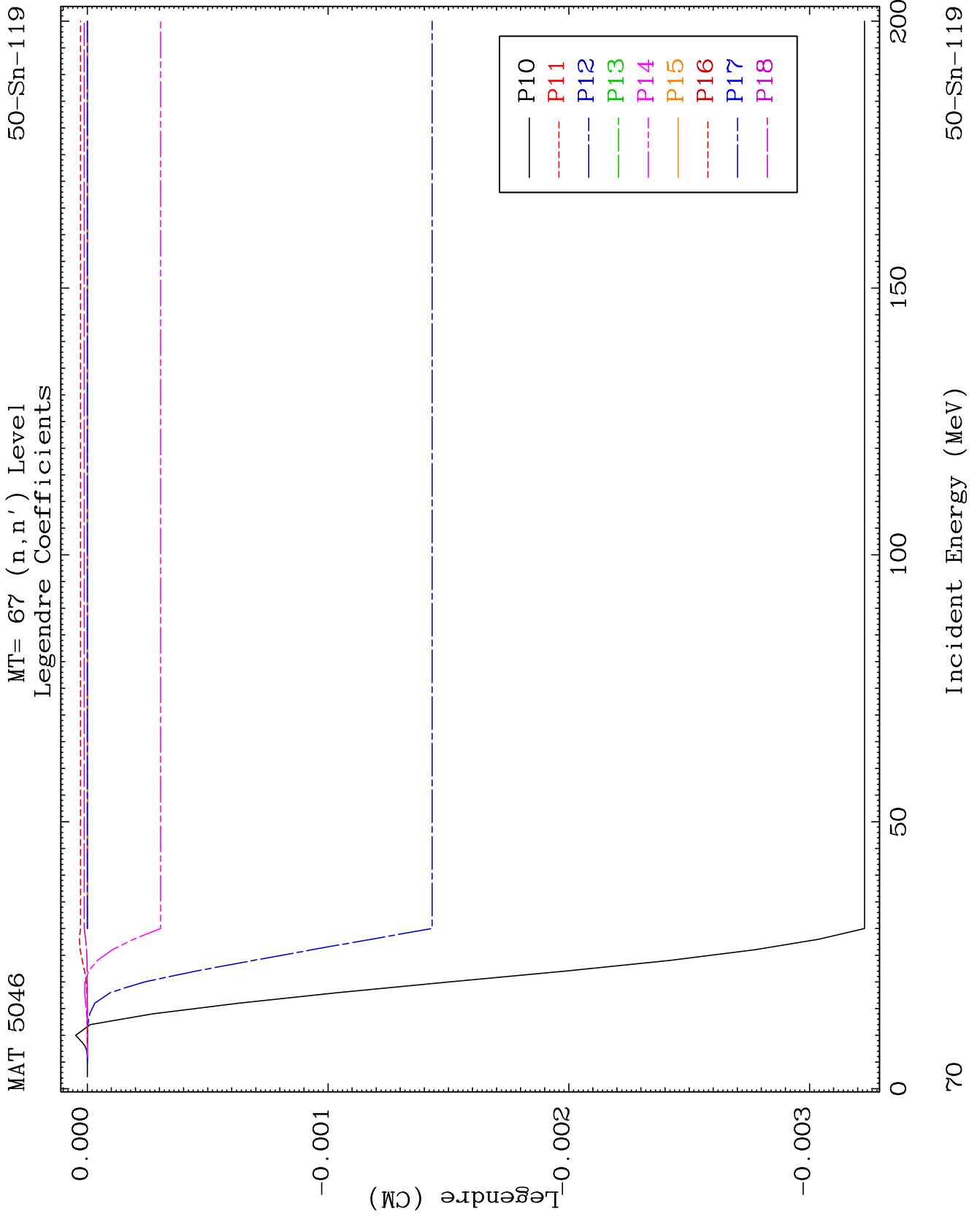


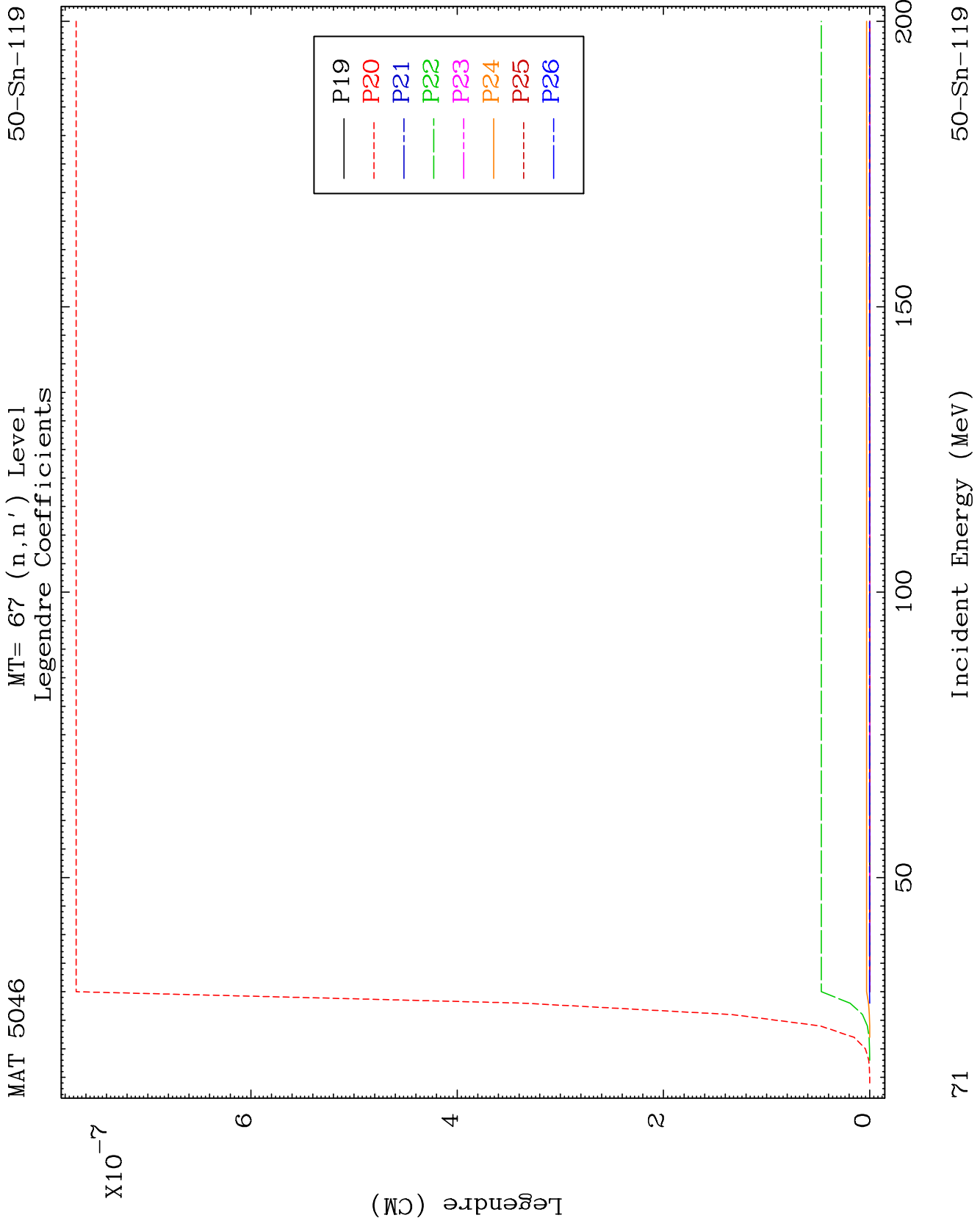
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Incident Energy (MeV)

50-Sn-119



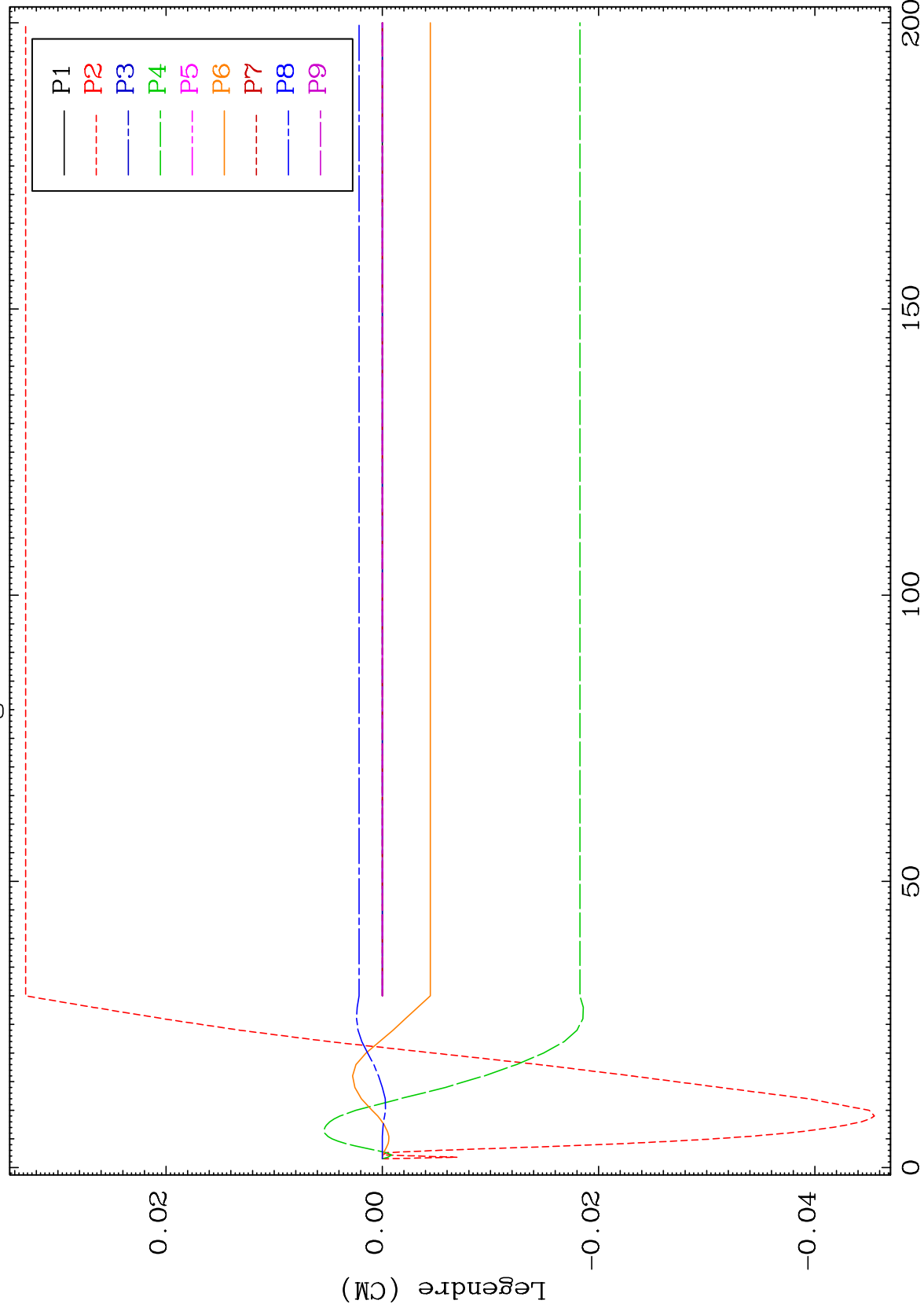




MAT 5046

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

50-Sn-119



72

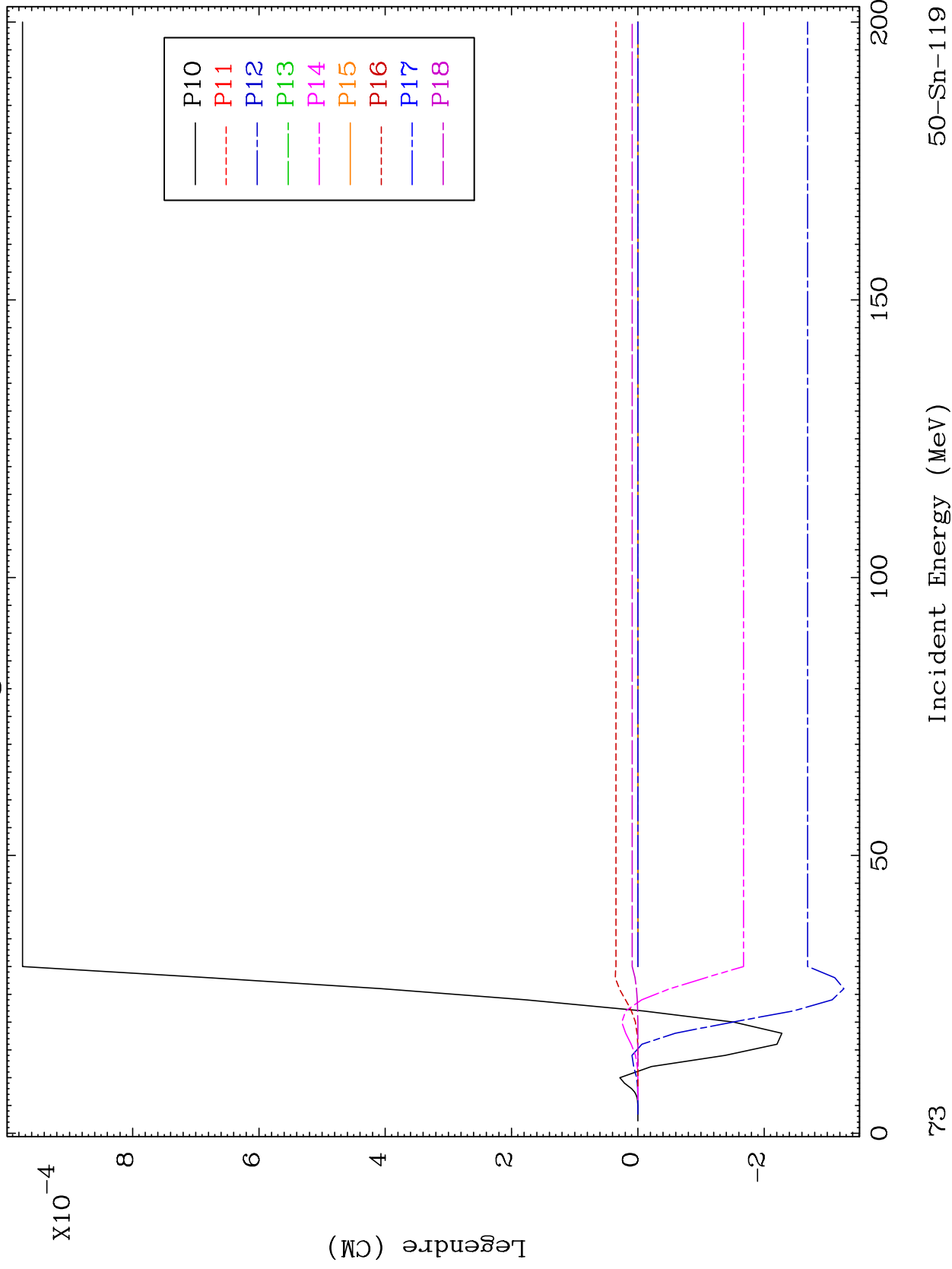
Incident Energy (MeV)

50-Sn-119

MAT 5046

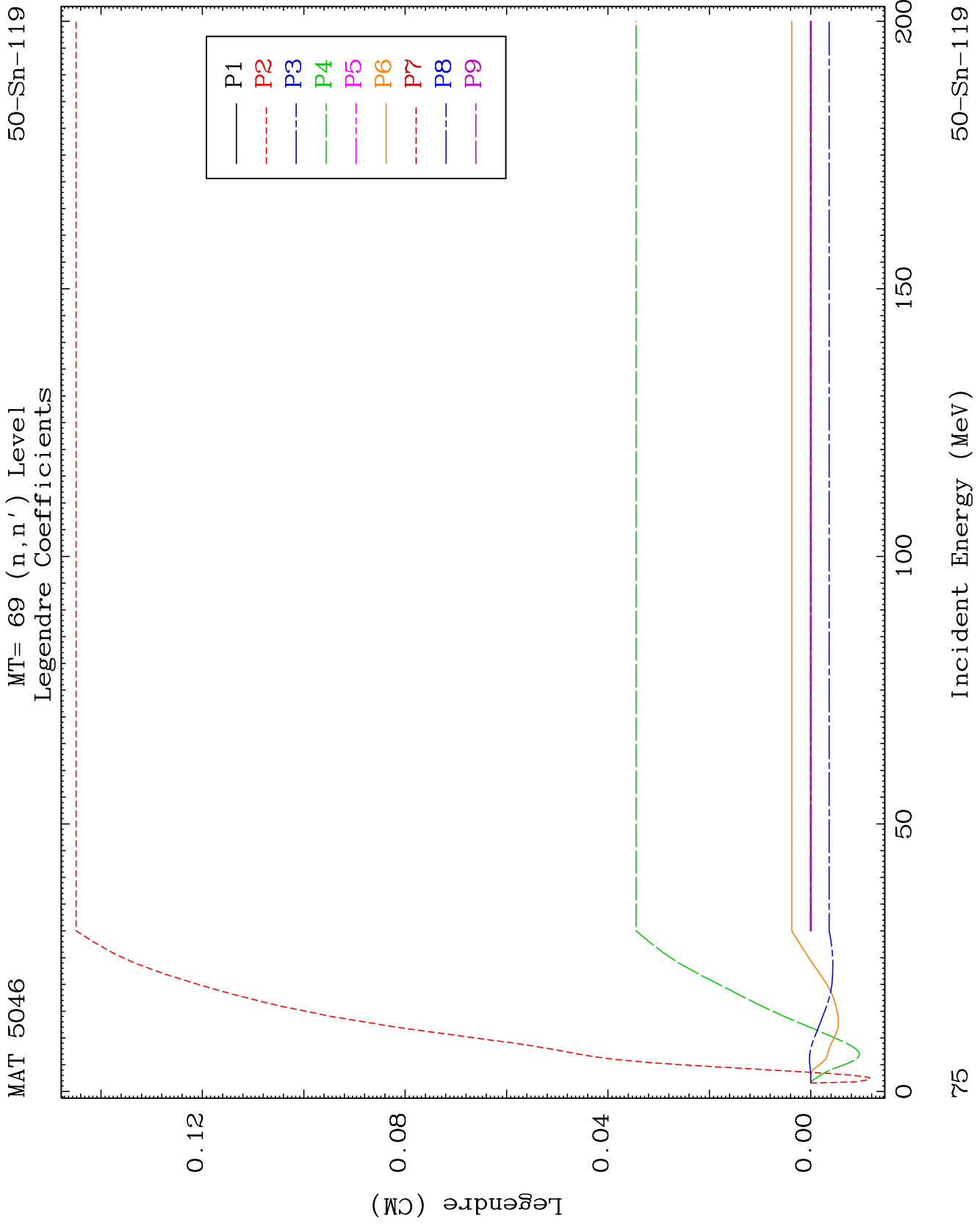
MT= 68 (n,n') Level
Legendre Coefficients

50-Sn-119



73

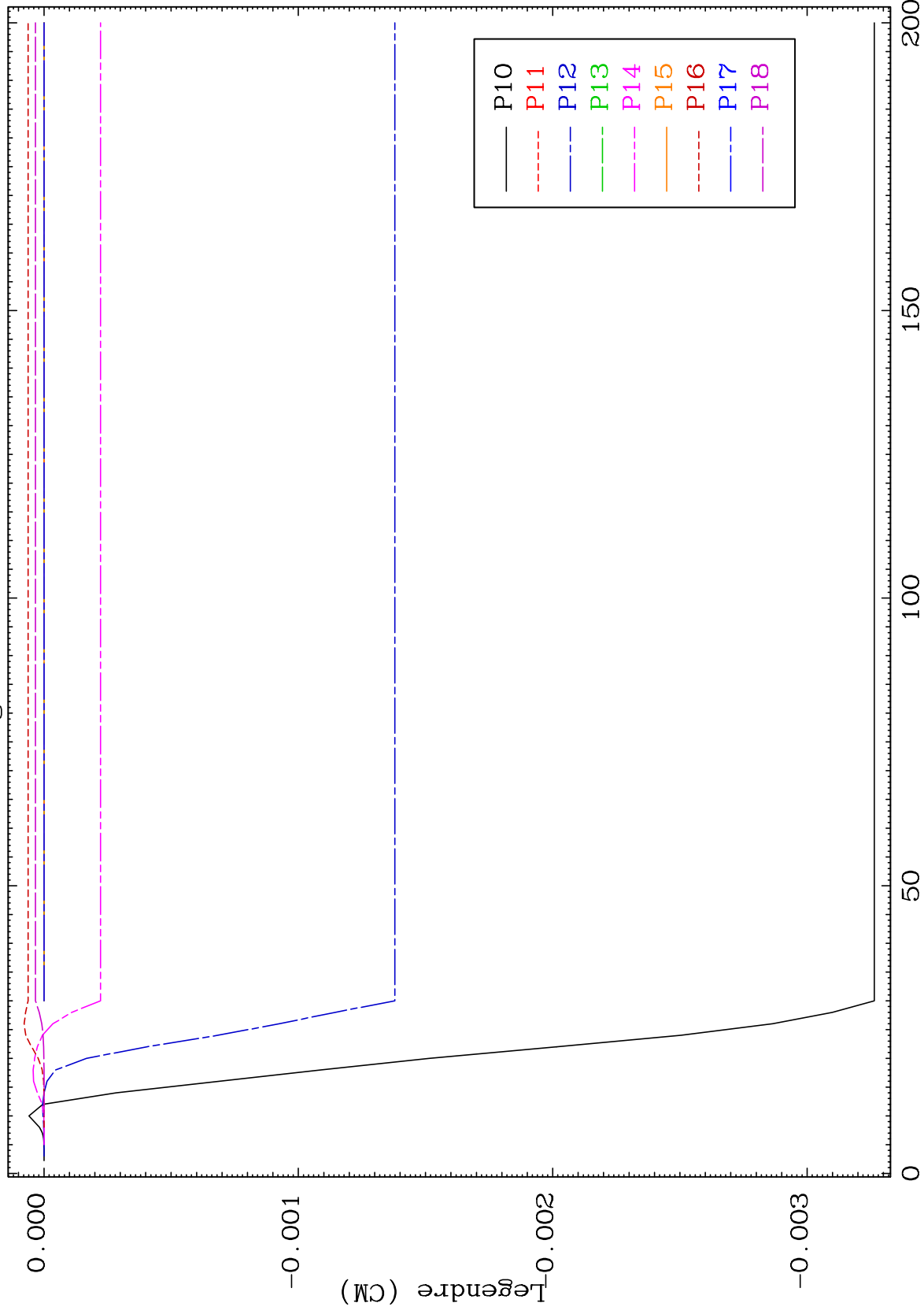
50-Sn-119



MAT 5046

MT= 69 (n,n') Level
Legendre Coefficients

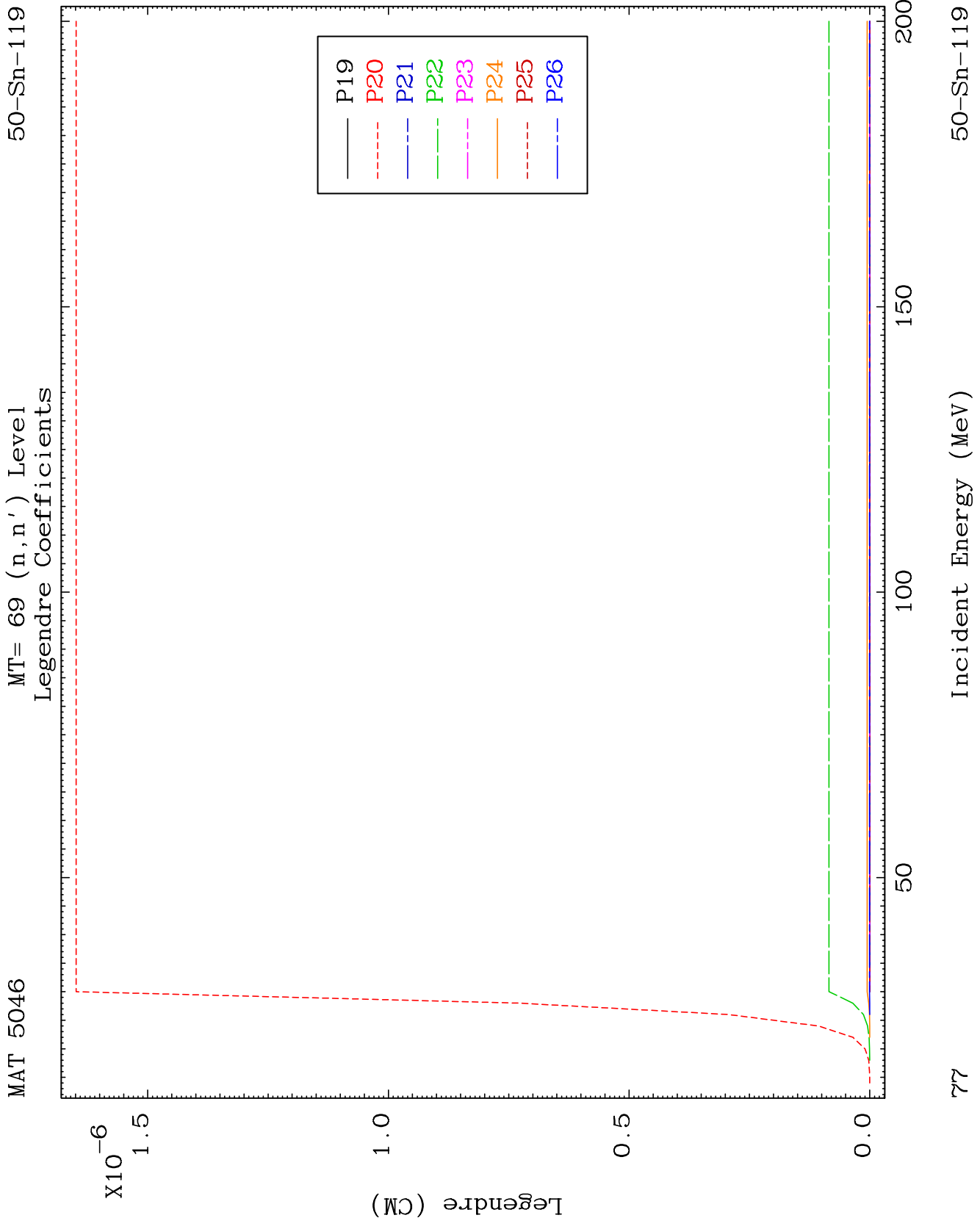
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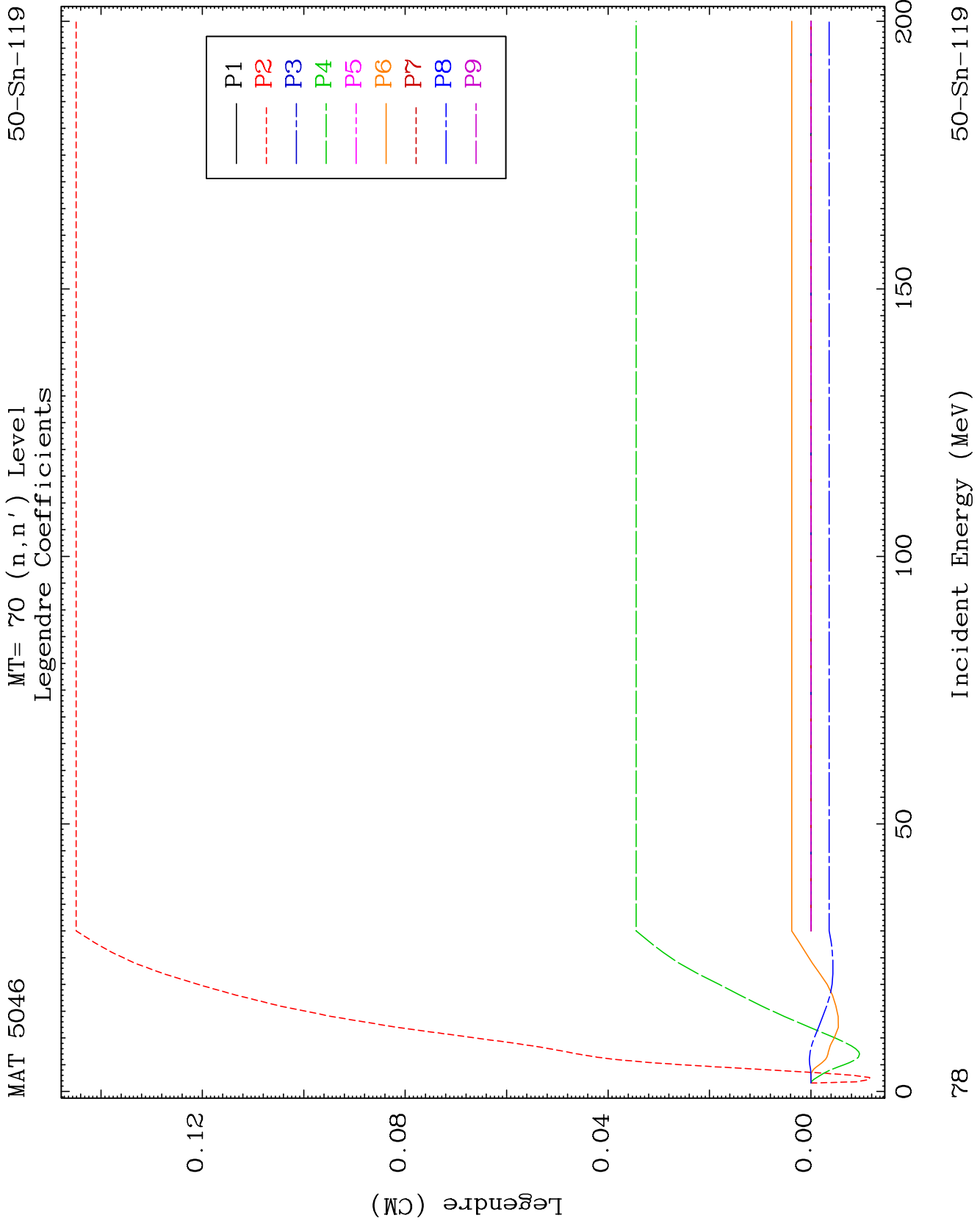


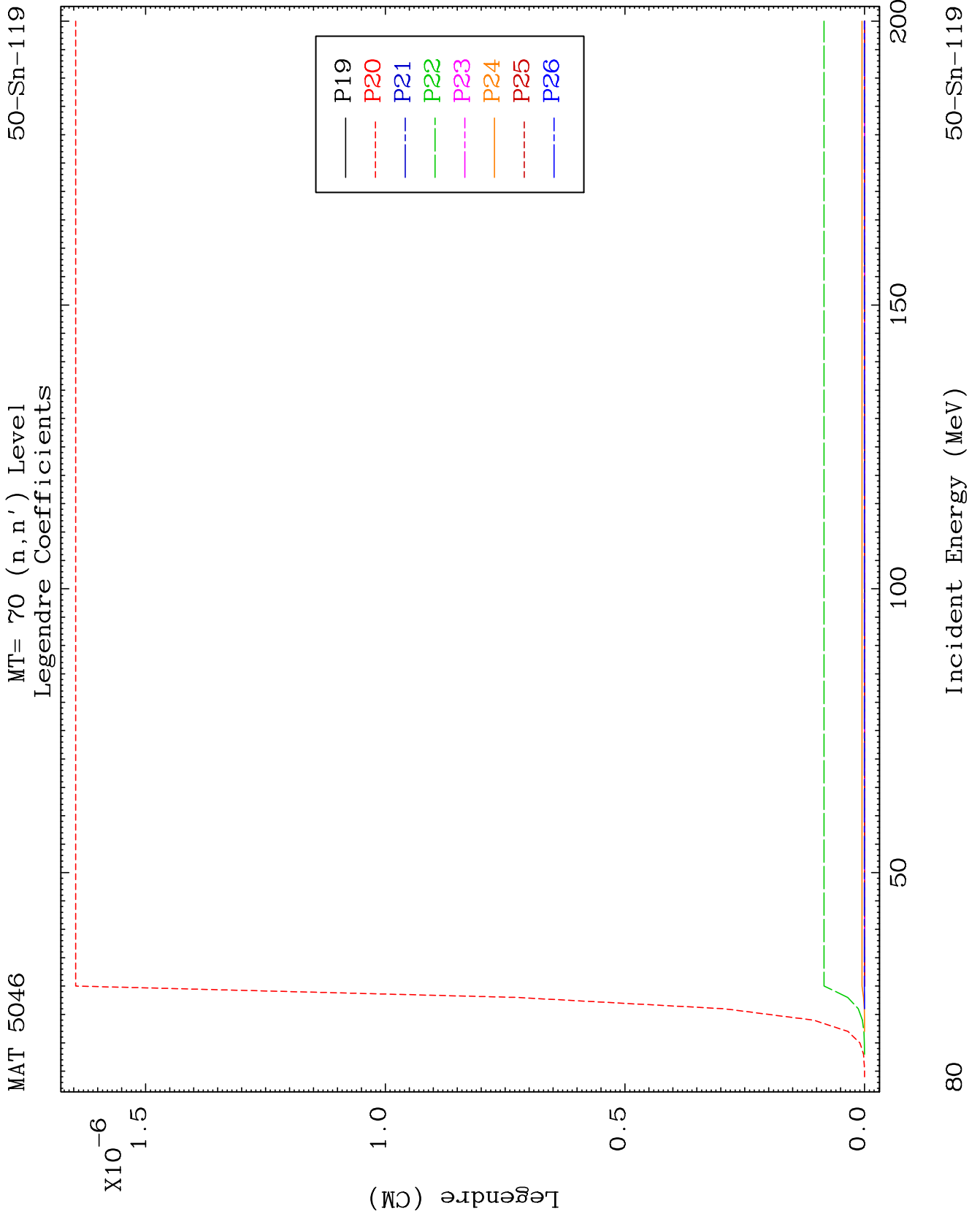
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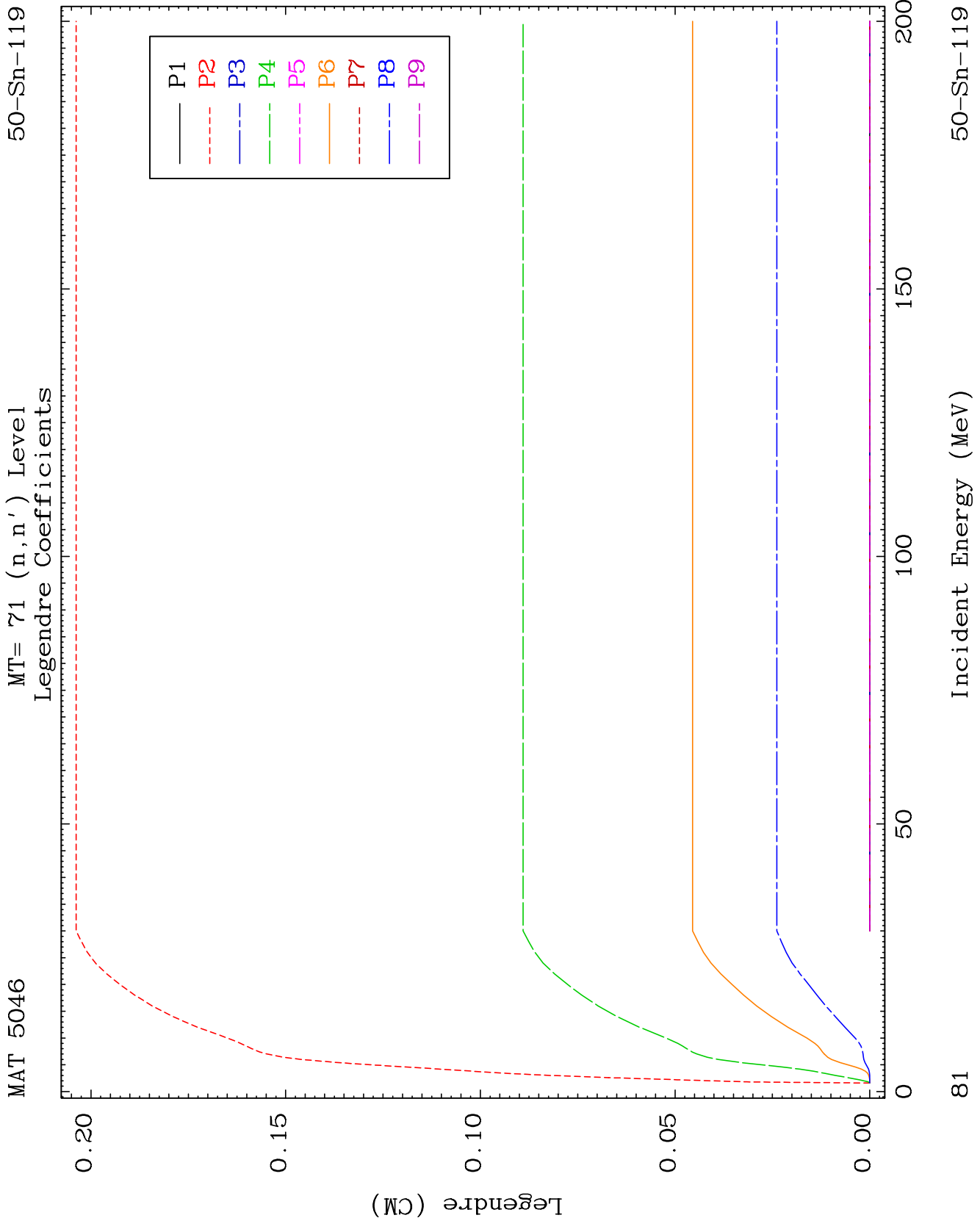
Incident Energy (MeV)

50-Sn-119





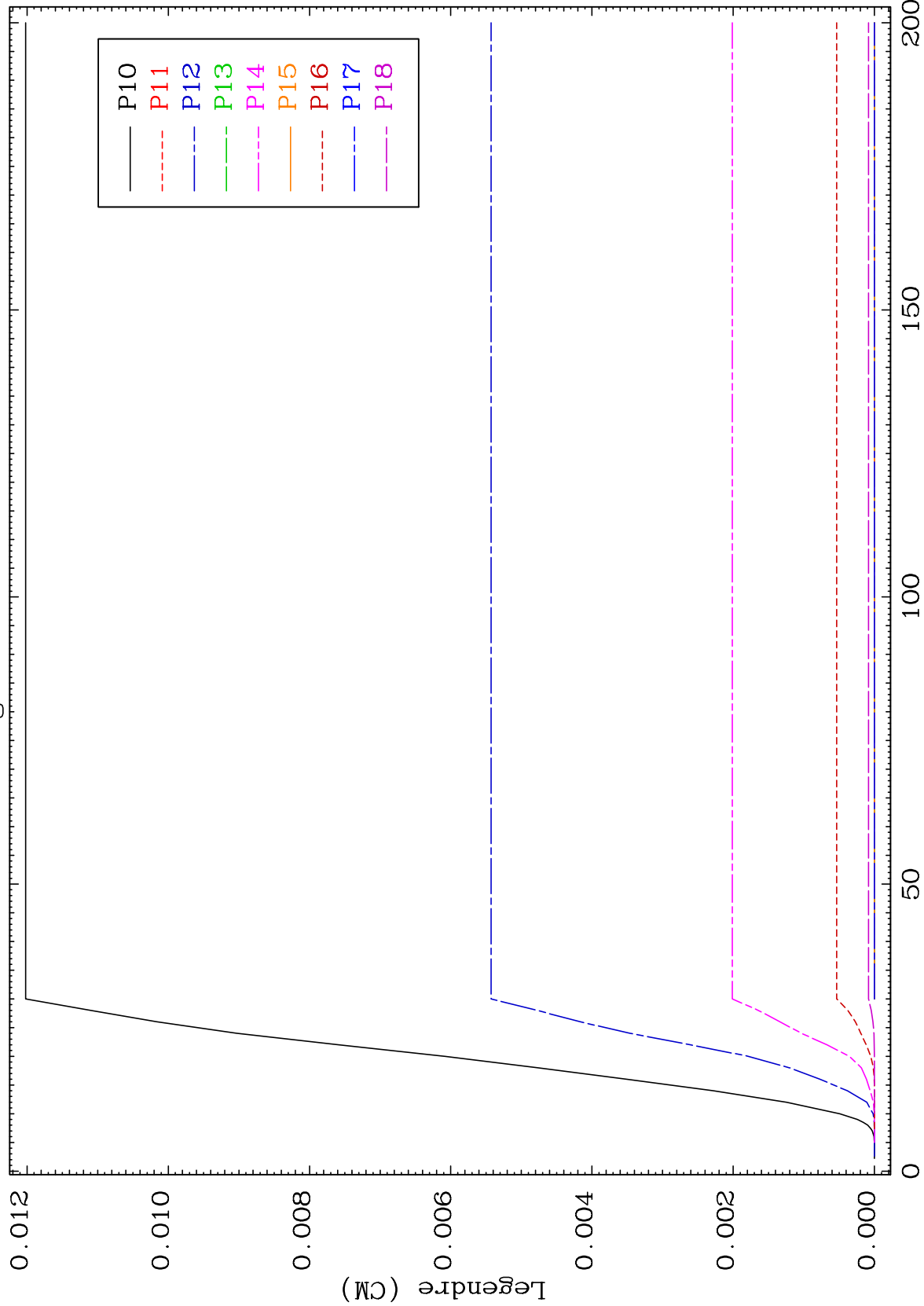




MAT 5046

MT= 71 (n,n') Level
Legendre Coefficients

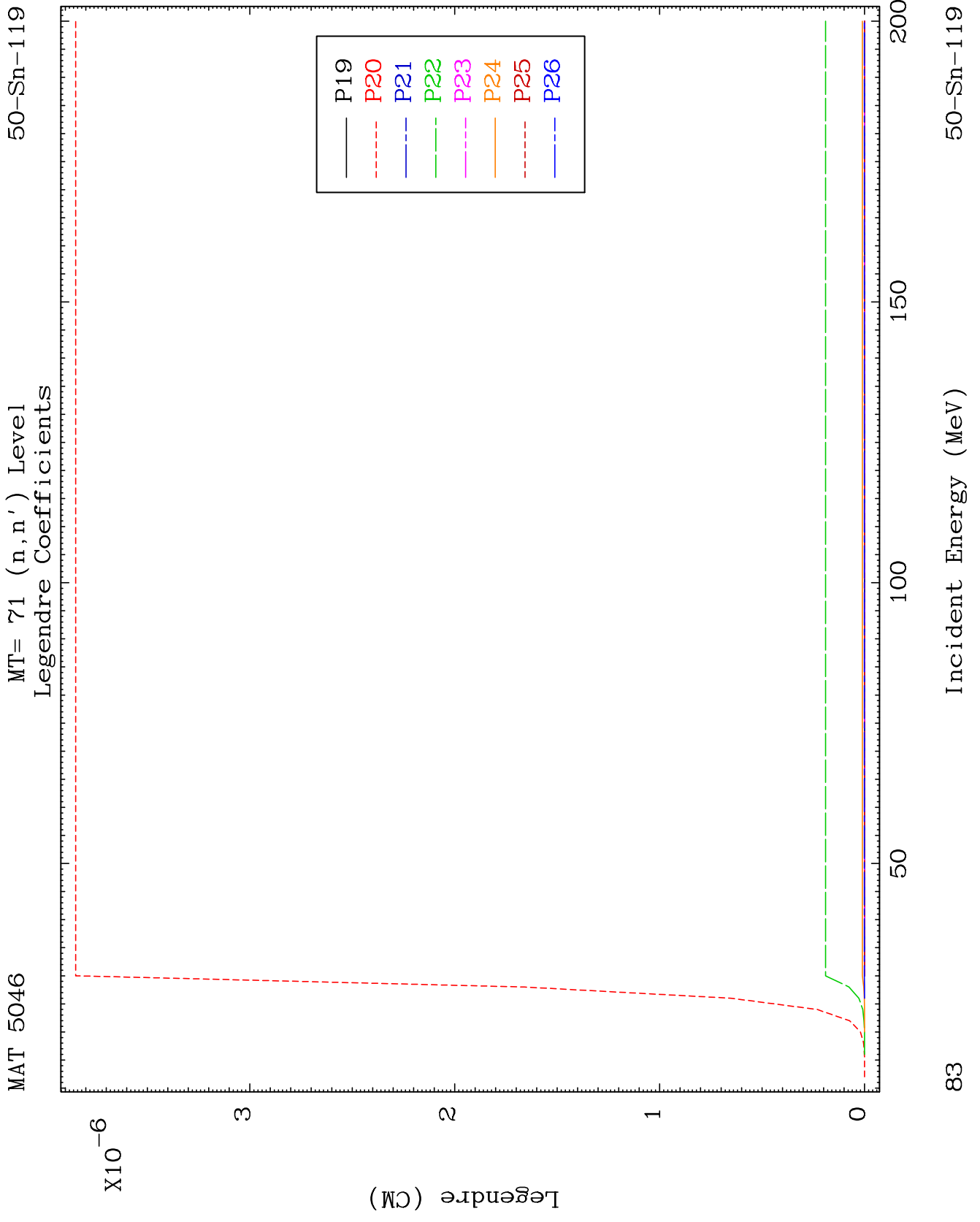
50-Sn-119



82

Incident Energy (MeV)

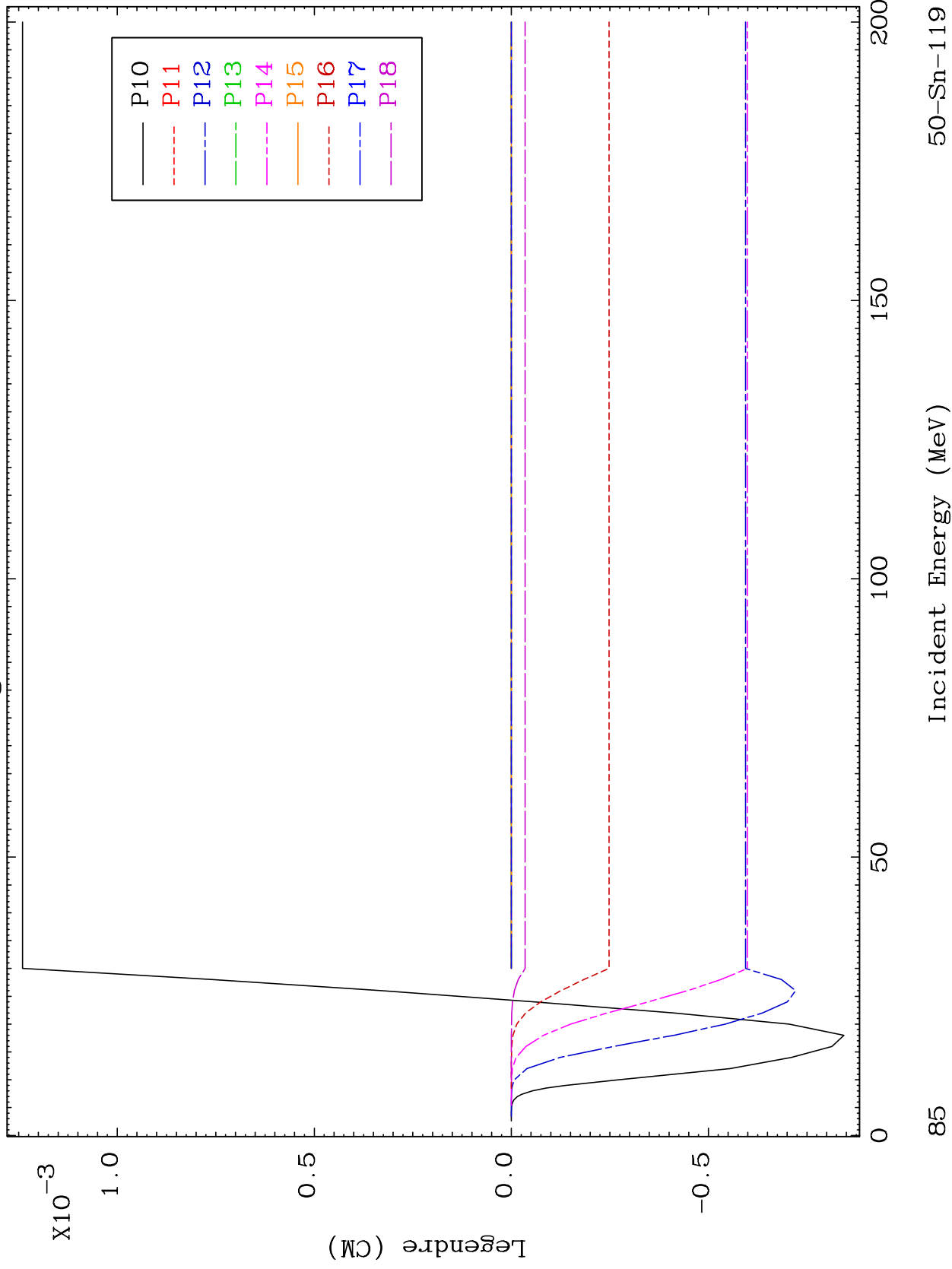
50-Sn-119

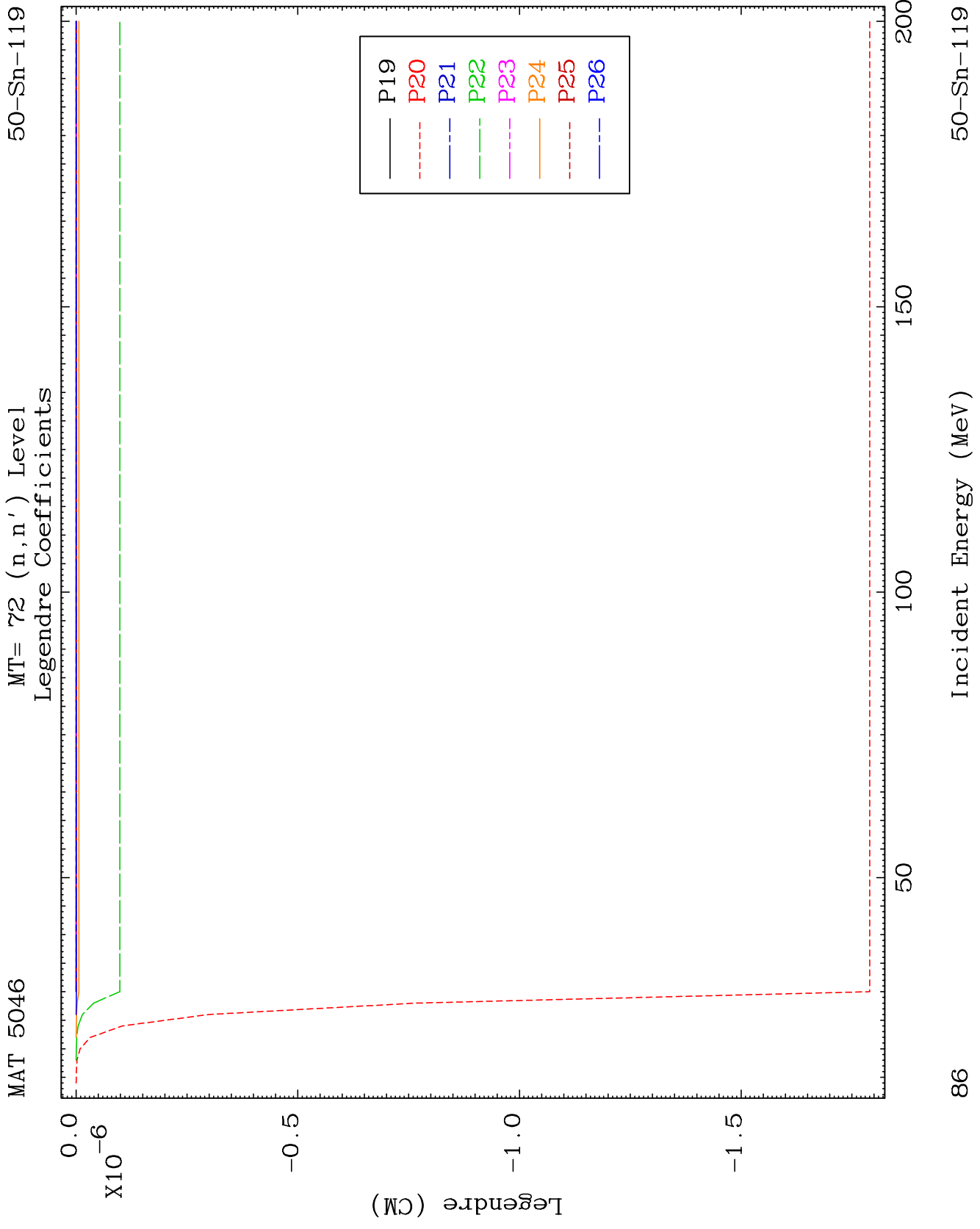


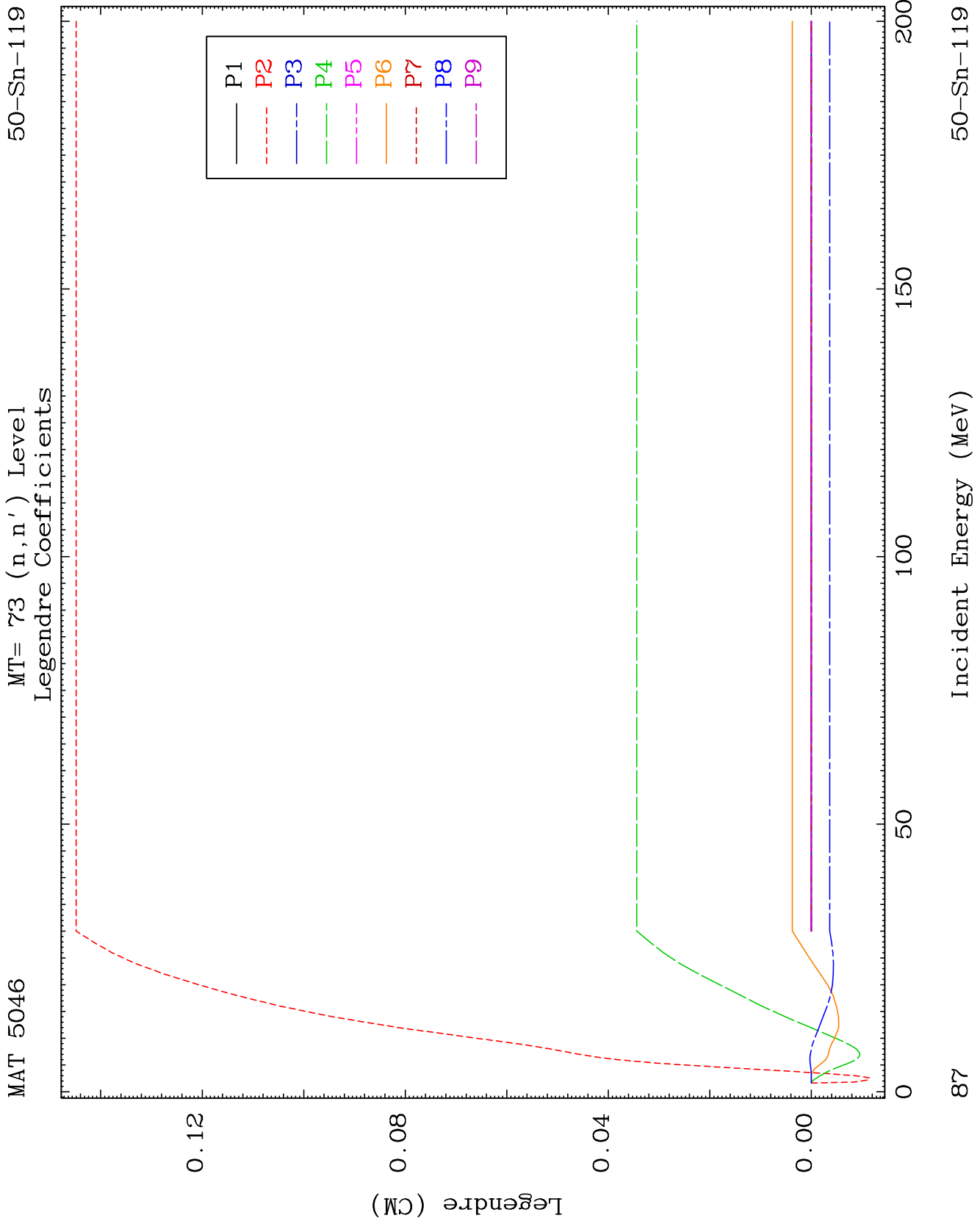
MAT 5046

MT= 72 (n,n') Level
Legendre Coefficients

50-Sn-119



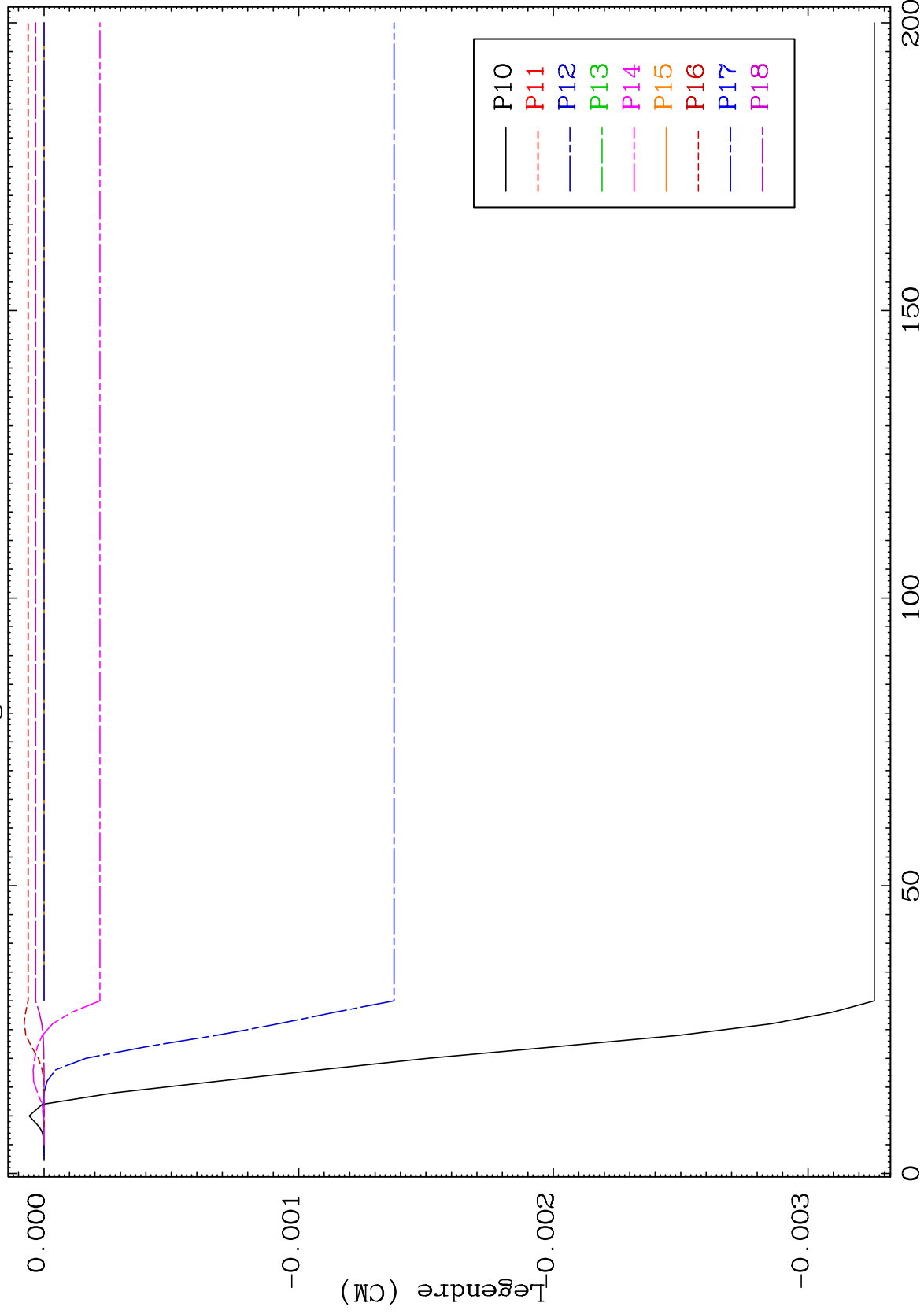




MAT 5046

MT= 73 (n,n') Level
Legendre Coefficients

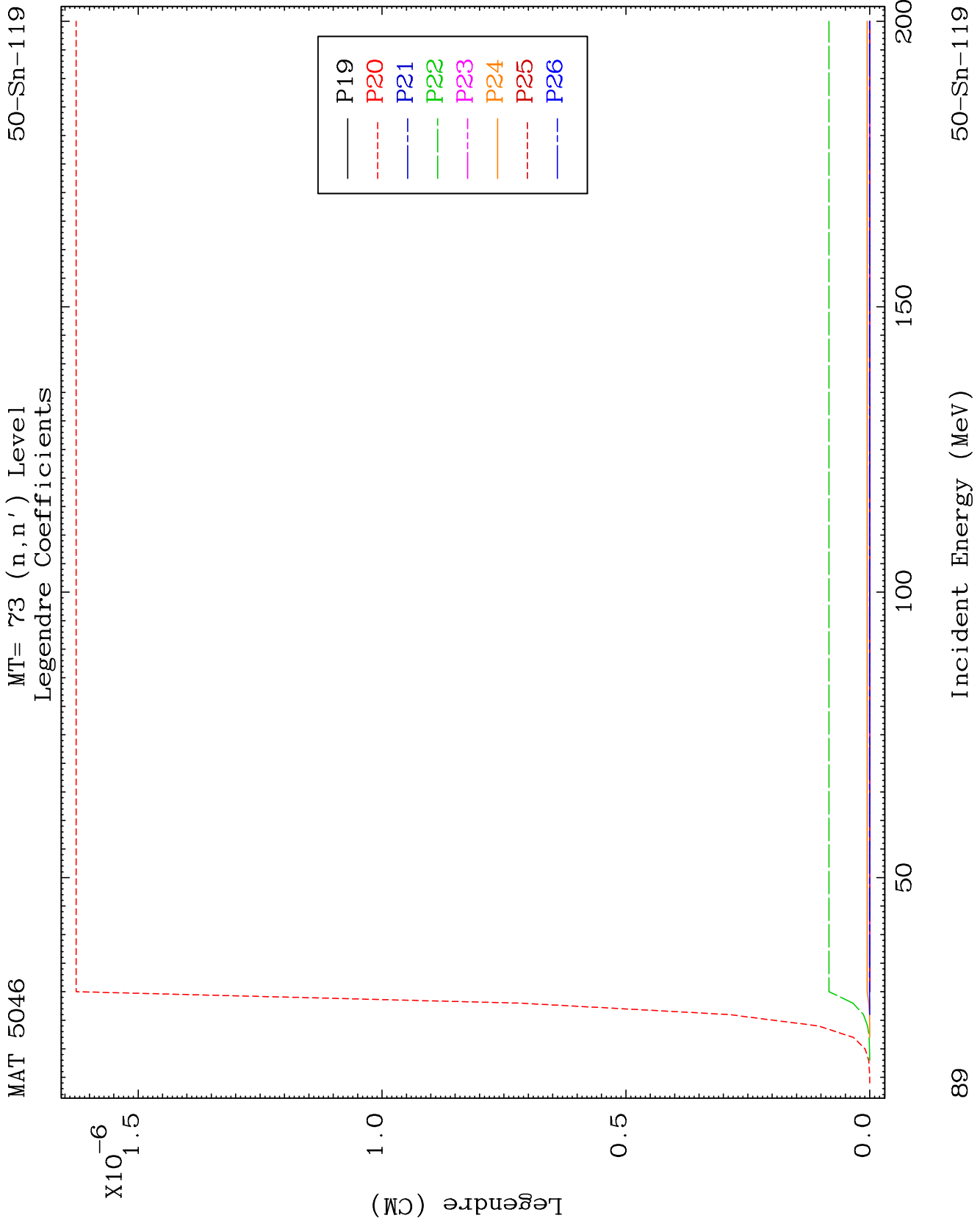
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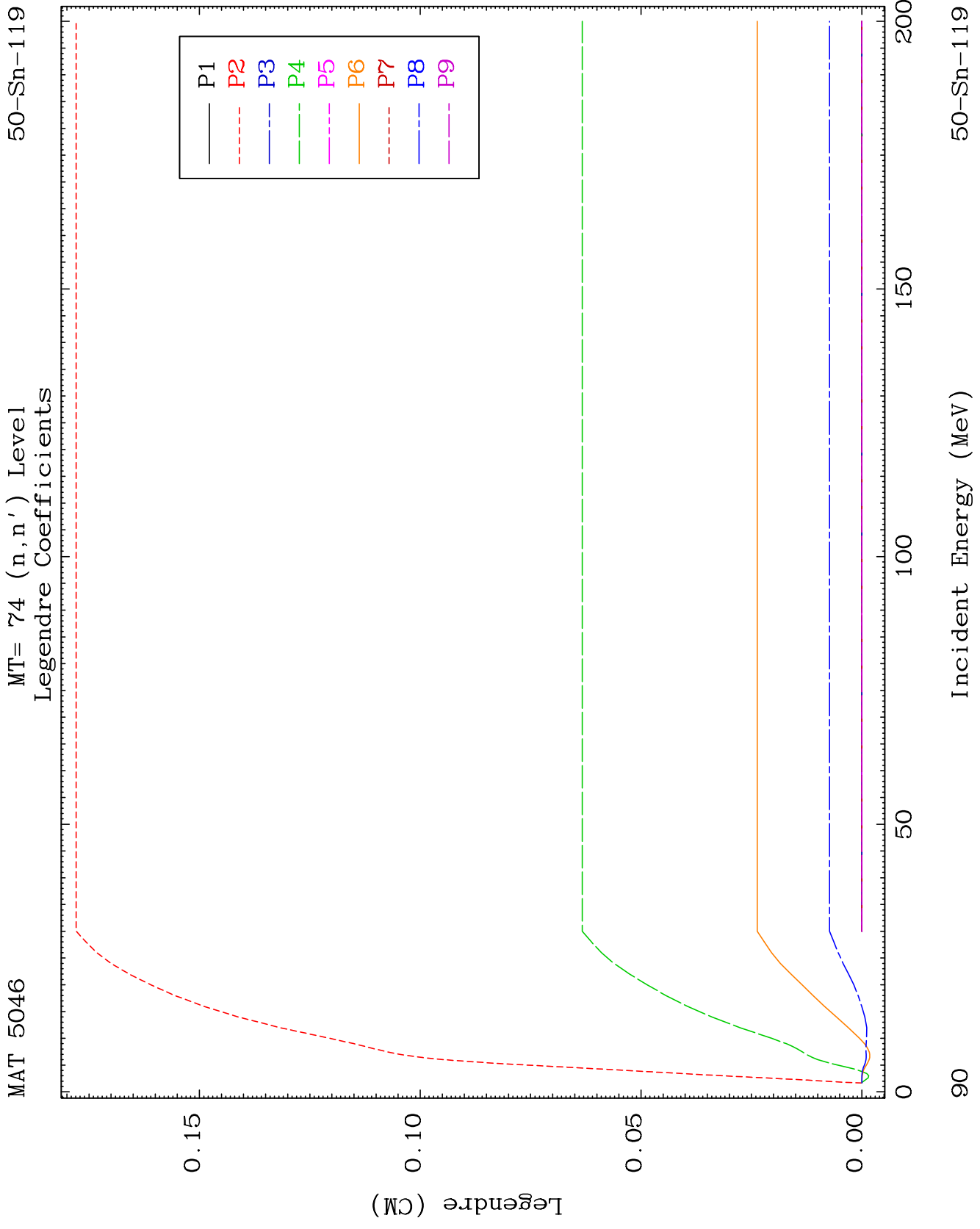


88

Incident Energy (MeV)

50-Sn-119

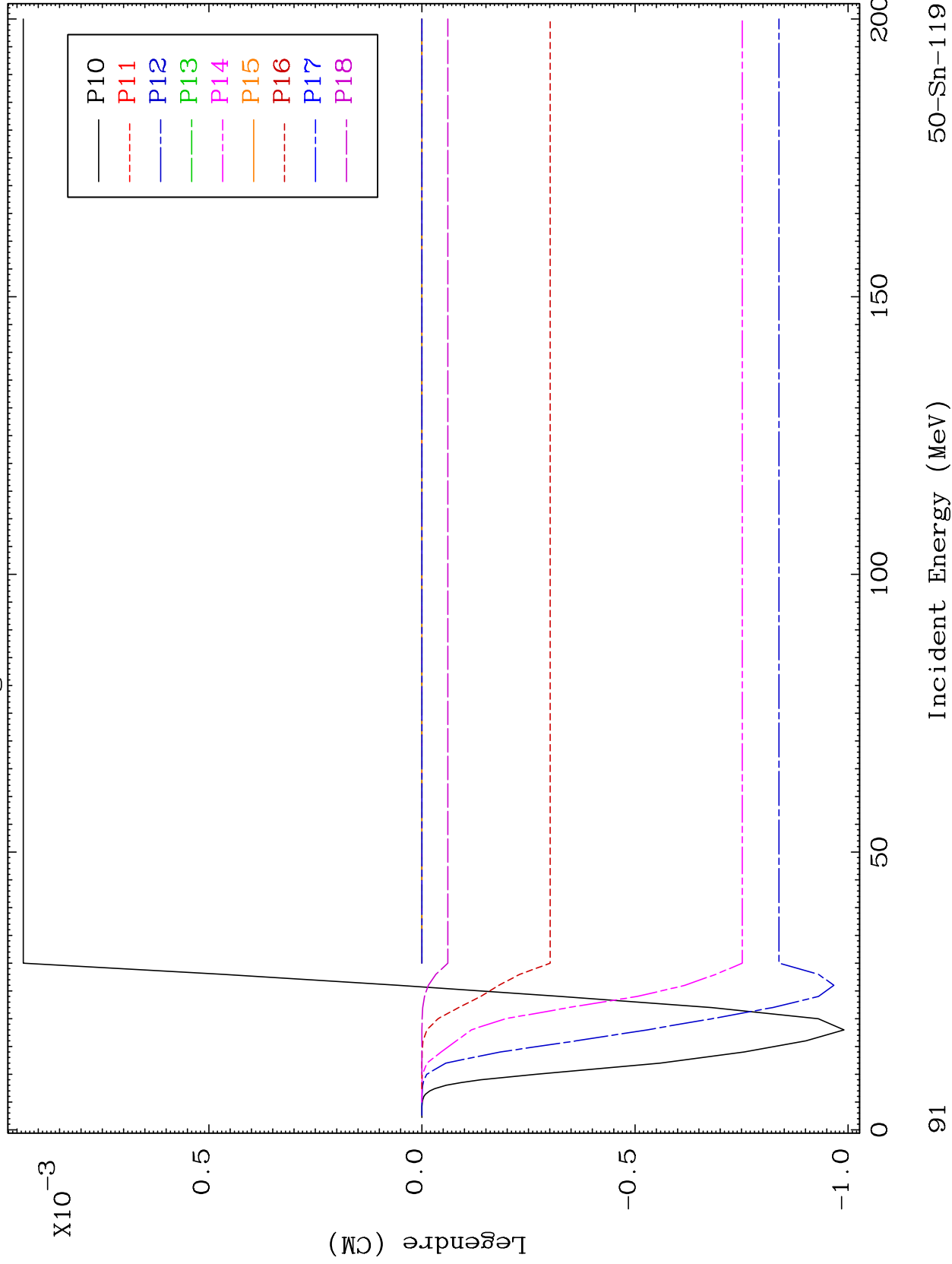




MAT 5046

MT= 74 (n,n') Level
Legendre Coefficients

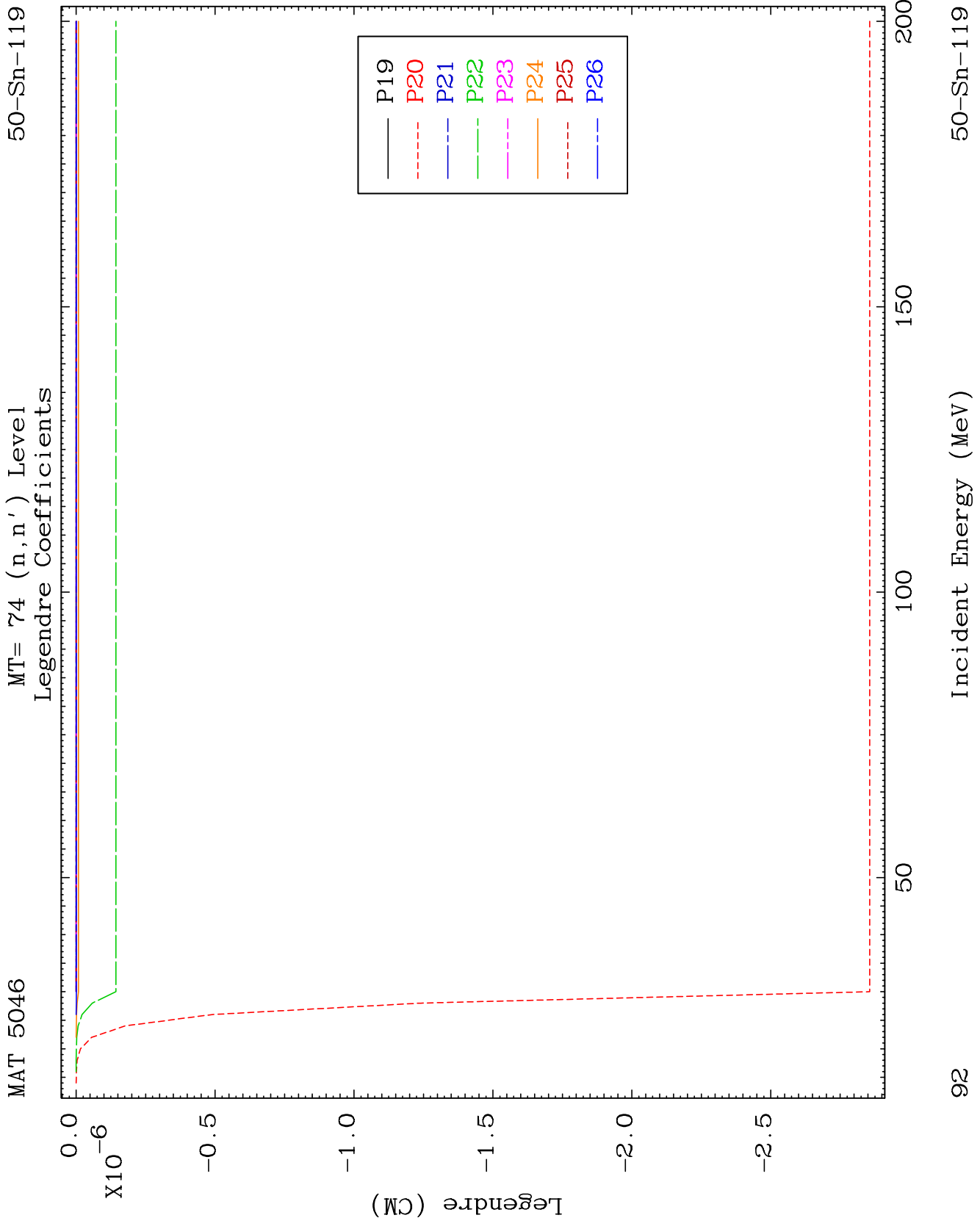
50-Sn-119



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Incident Energy (MeV)

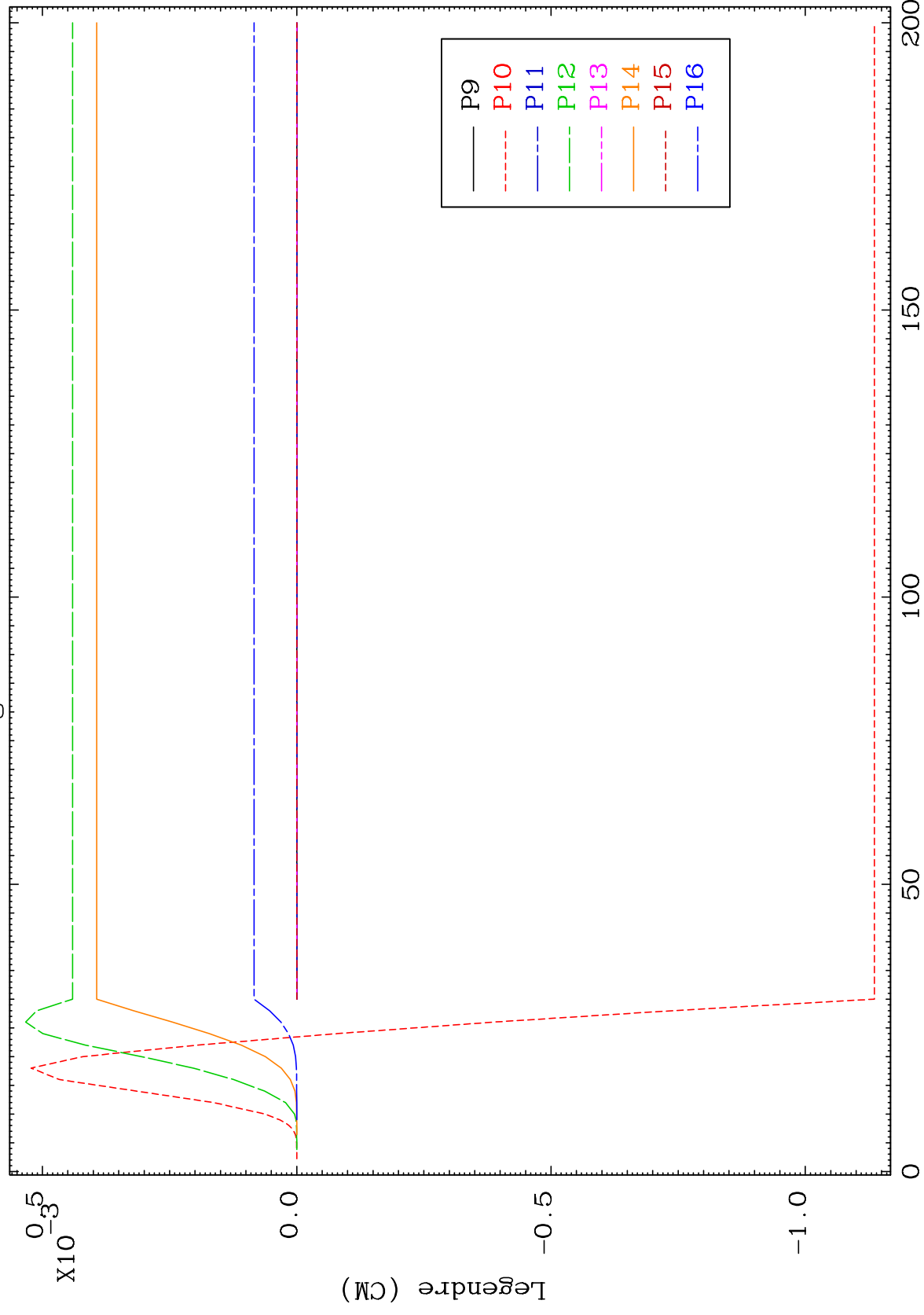
50-Sn-119



MAT 5046

MT= 75 (n,n') Level
Legendre Coefficients

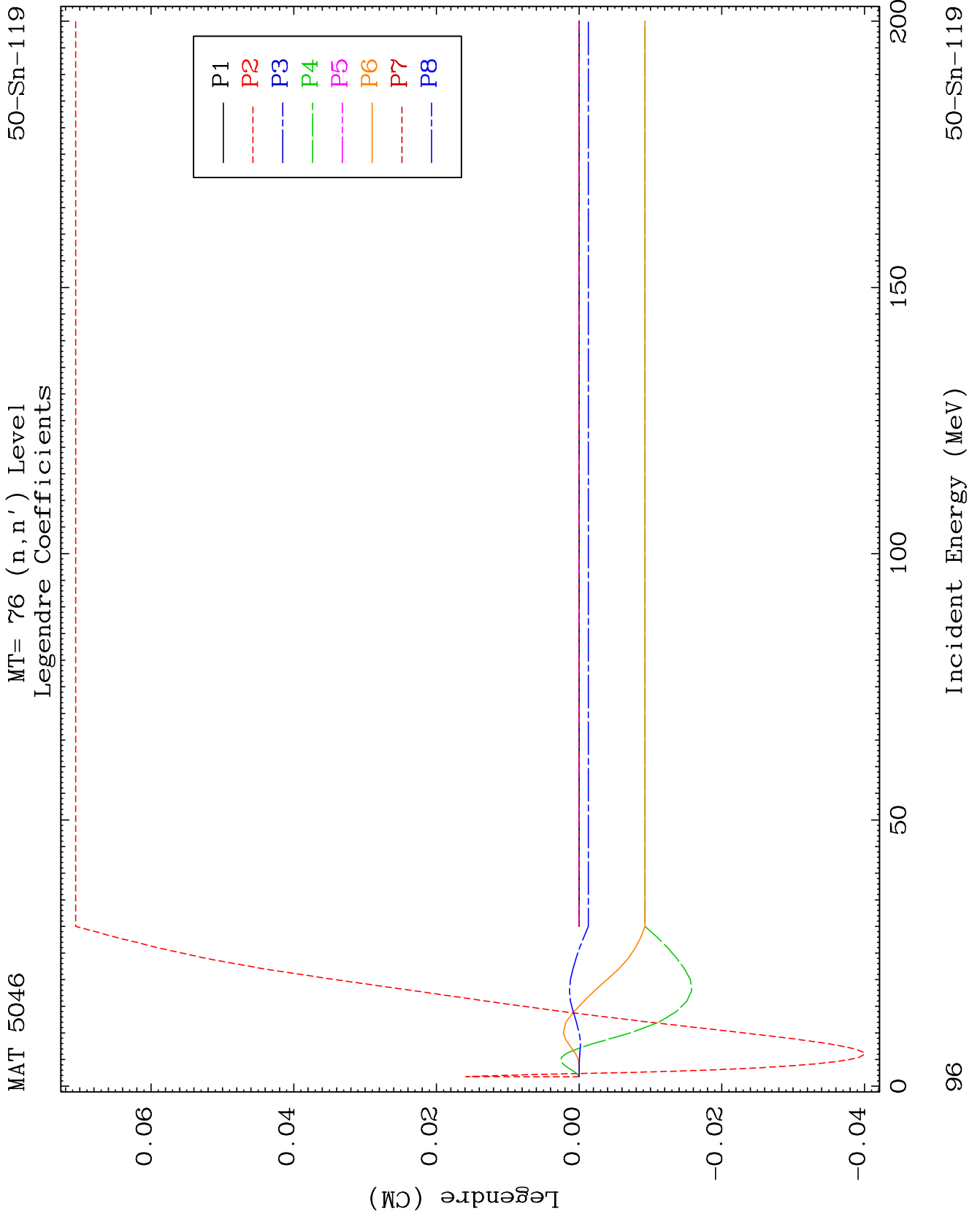
50-Sn-119

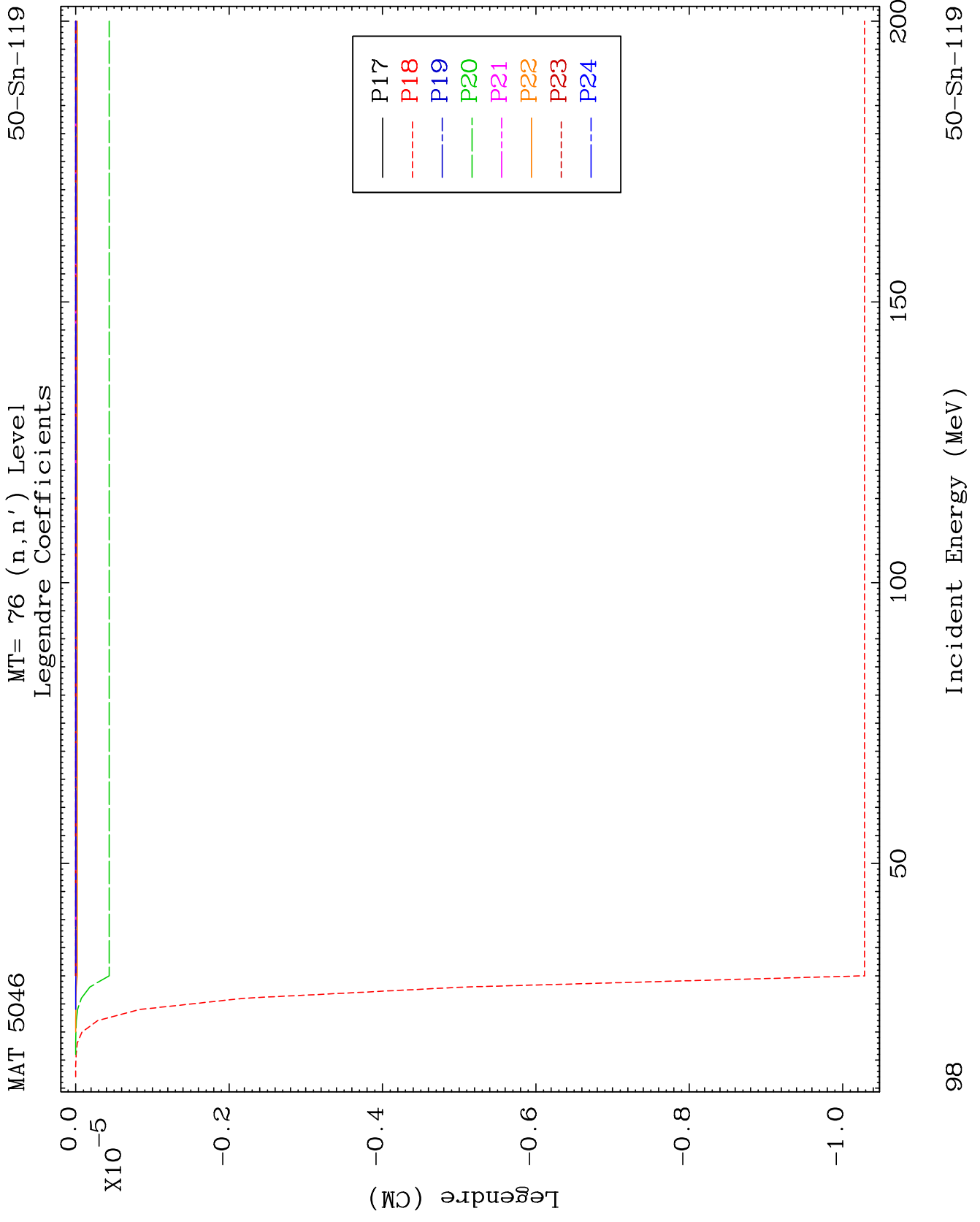


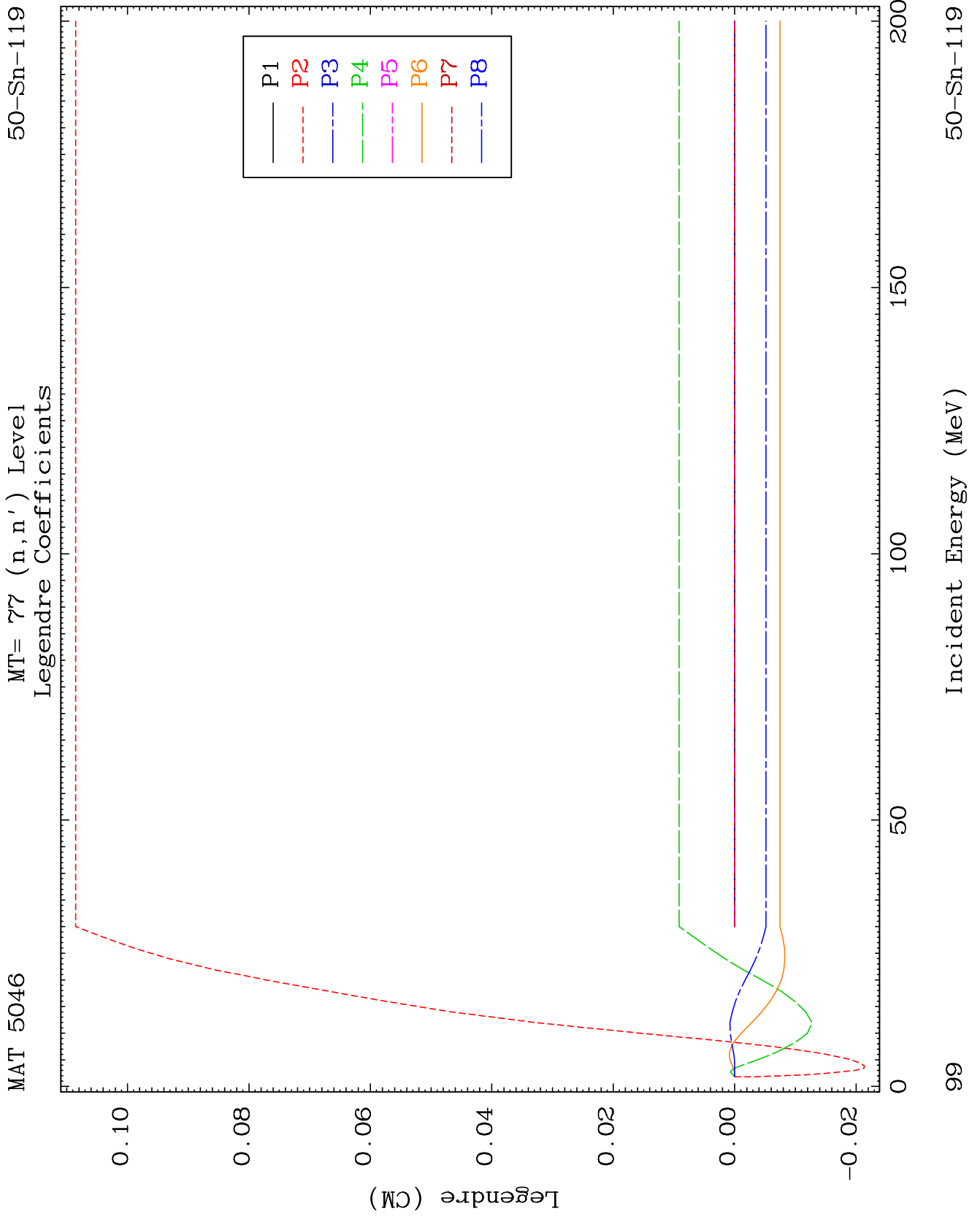
94

Incident Energy (MeV)

50-Sn-119



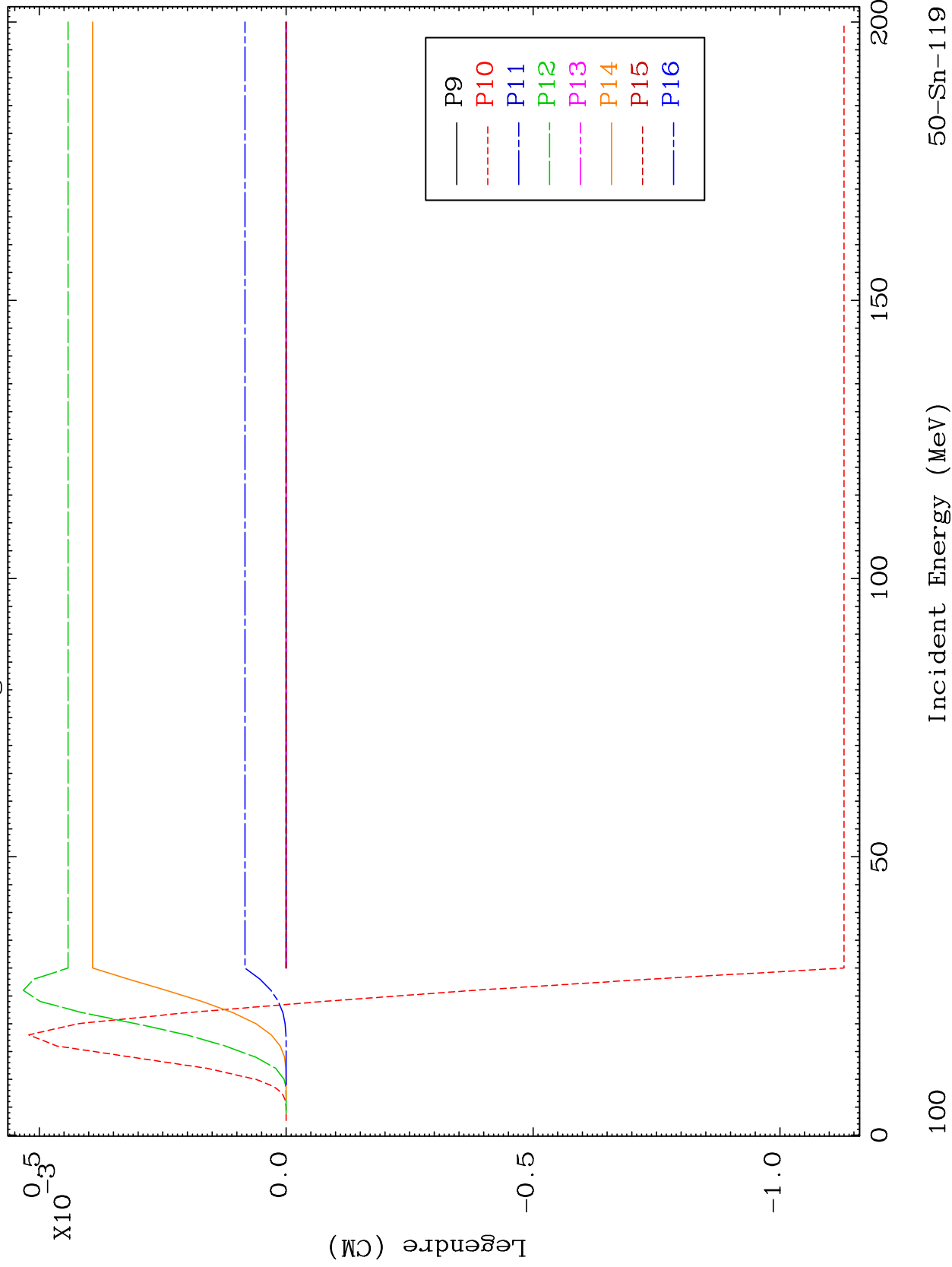


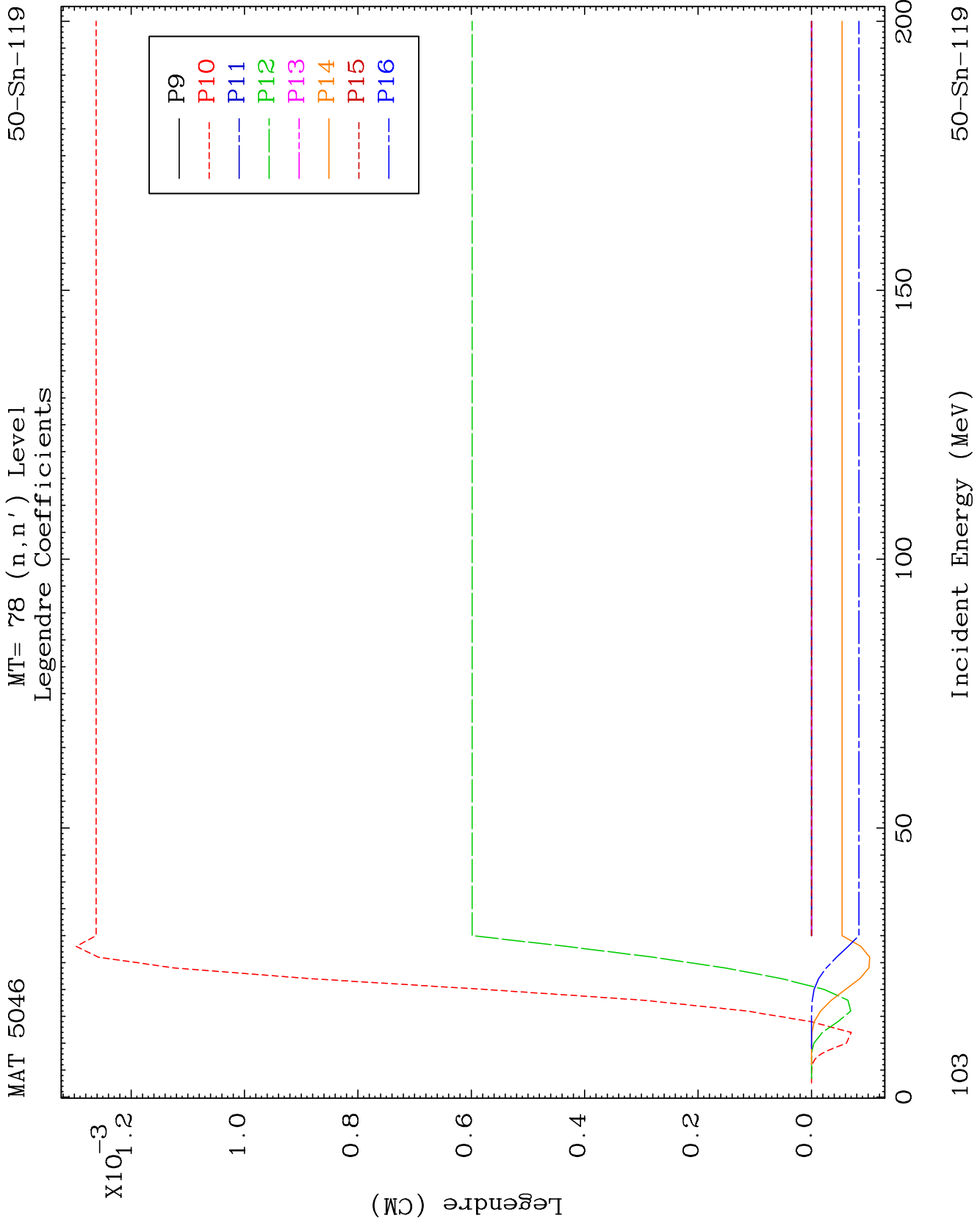


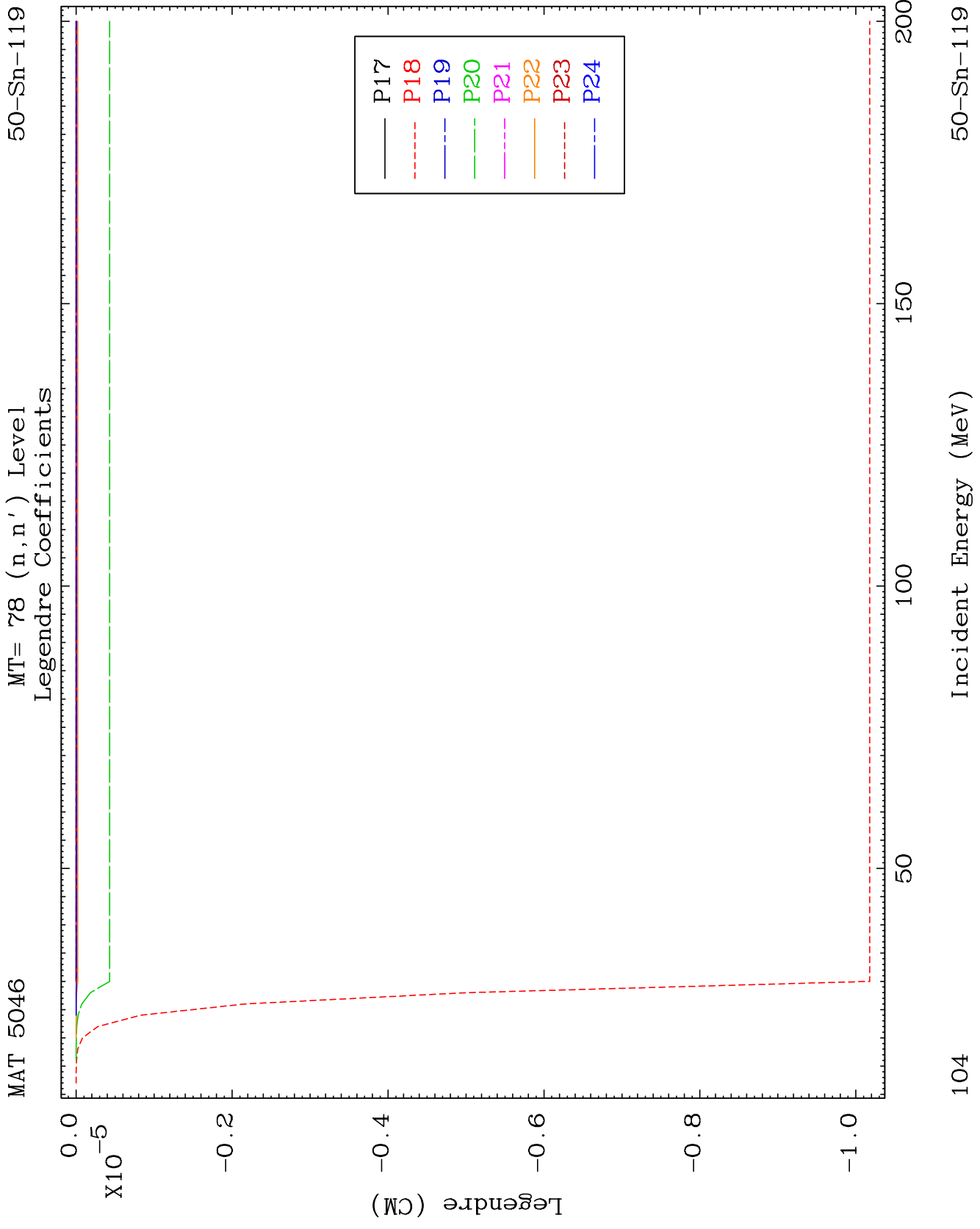
MAT 5046

50-Sn-119

MT= 77 (n,n') Level
Legendre Coefficients



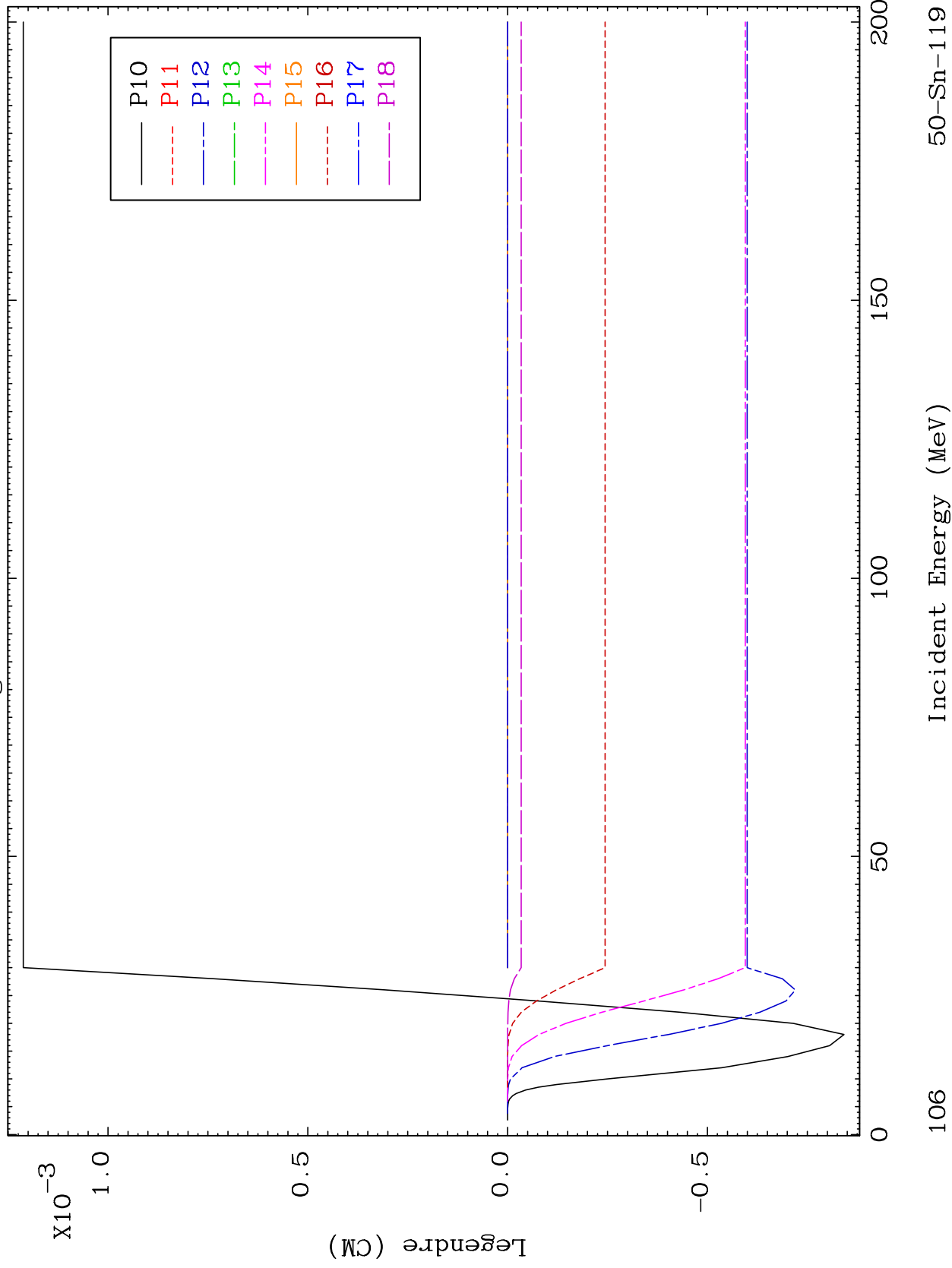




MAT 5046

MT= 79 (n,n') Level
Legendre Coefficients

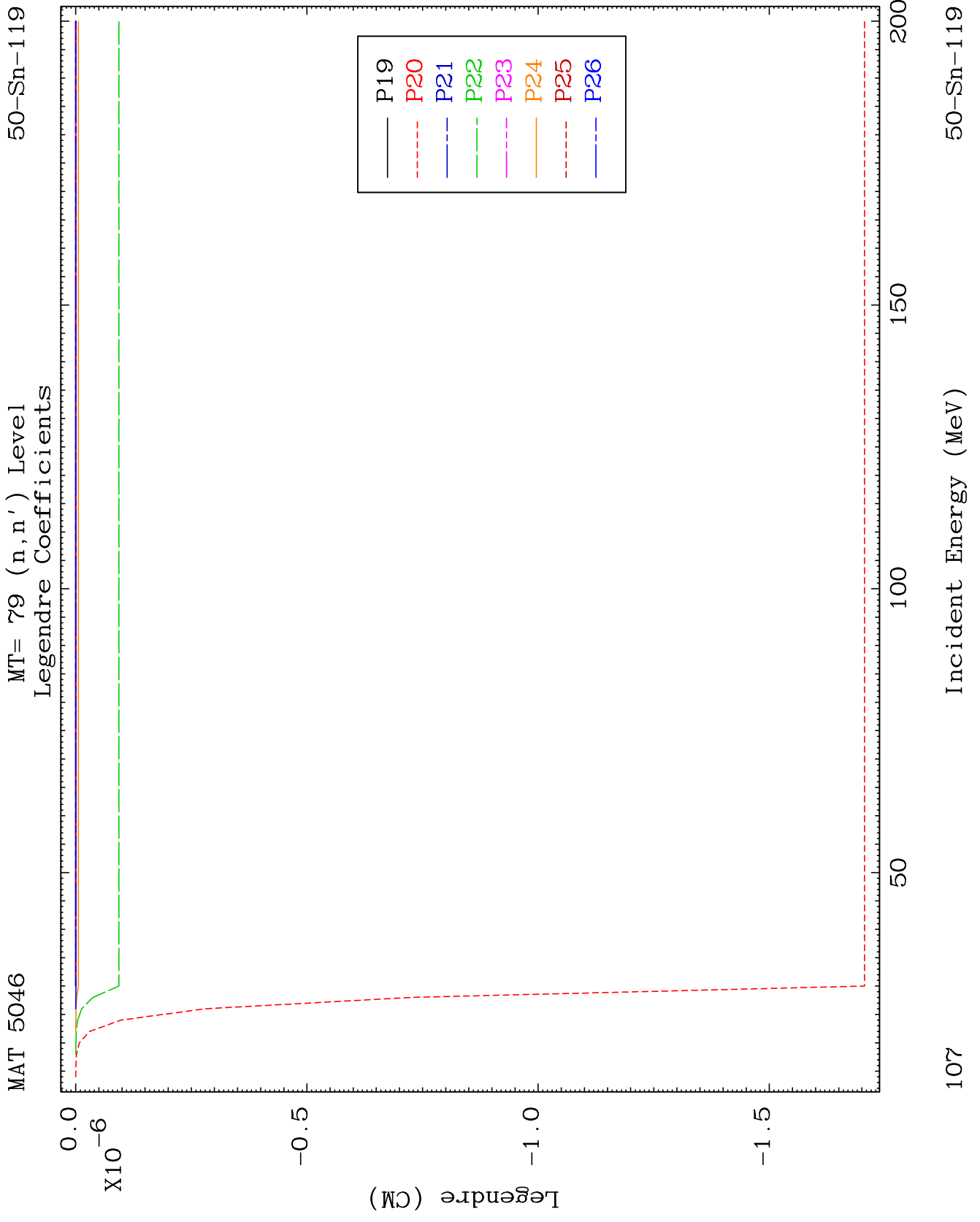
50-Sn-119



106

Incident Energy (MeV)

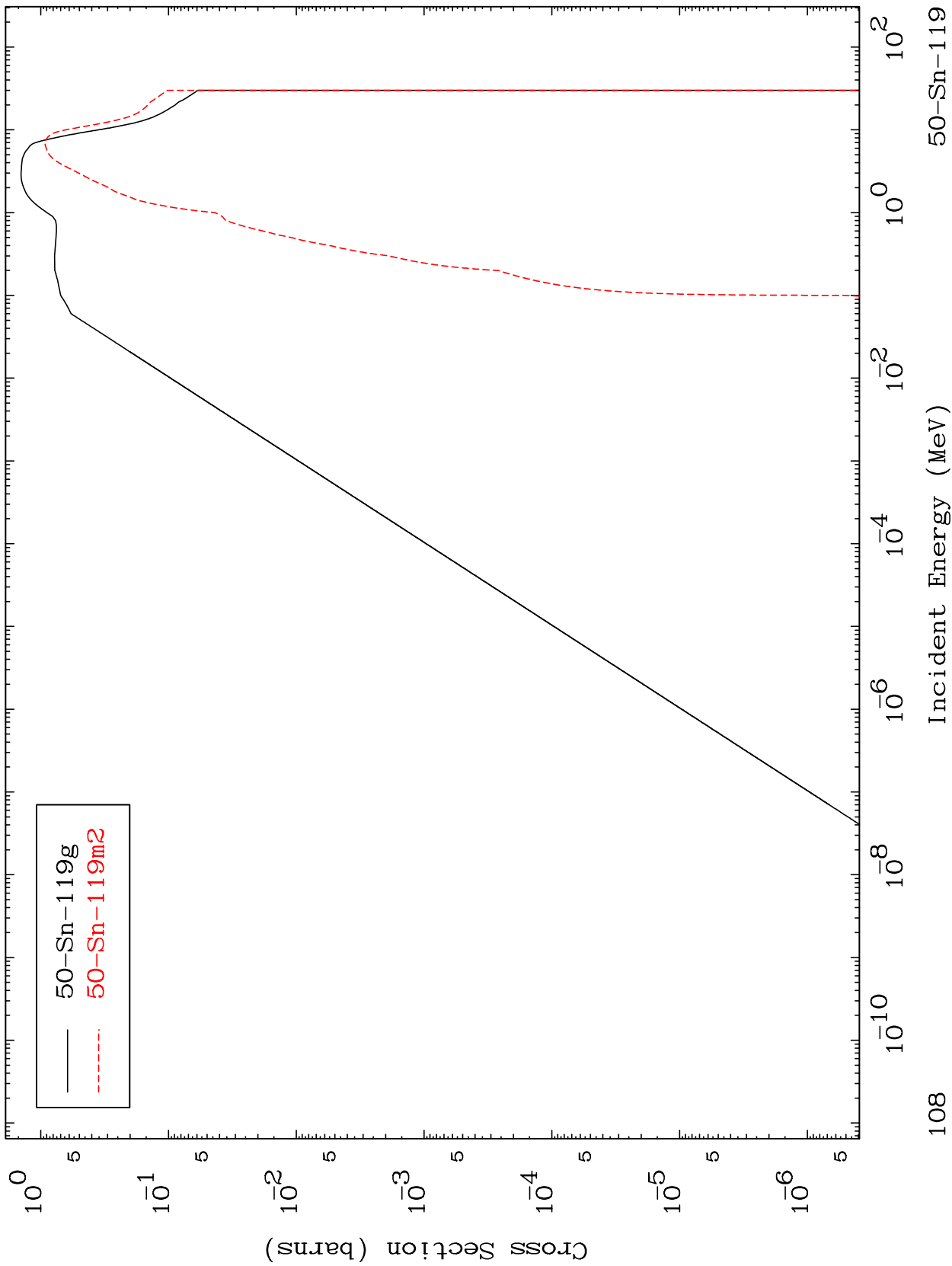
50-Sn-119



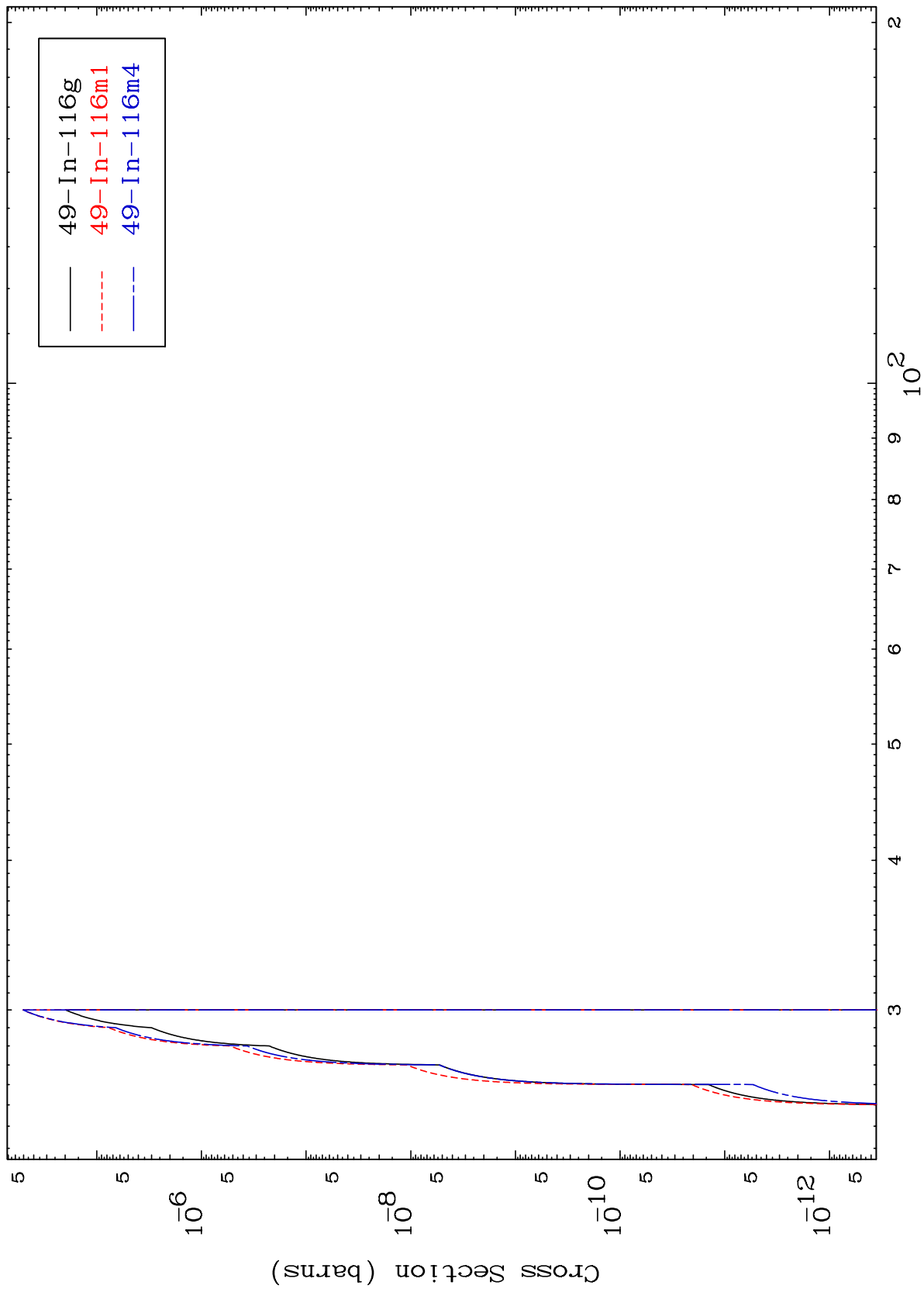
MAT 5046

50-Sn-119

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

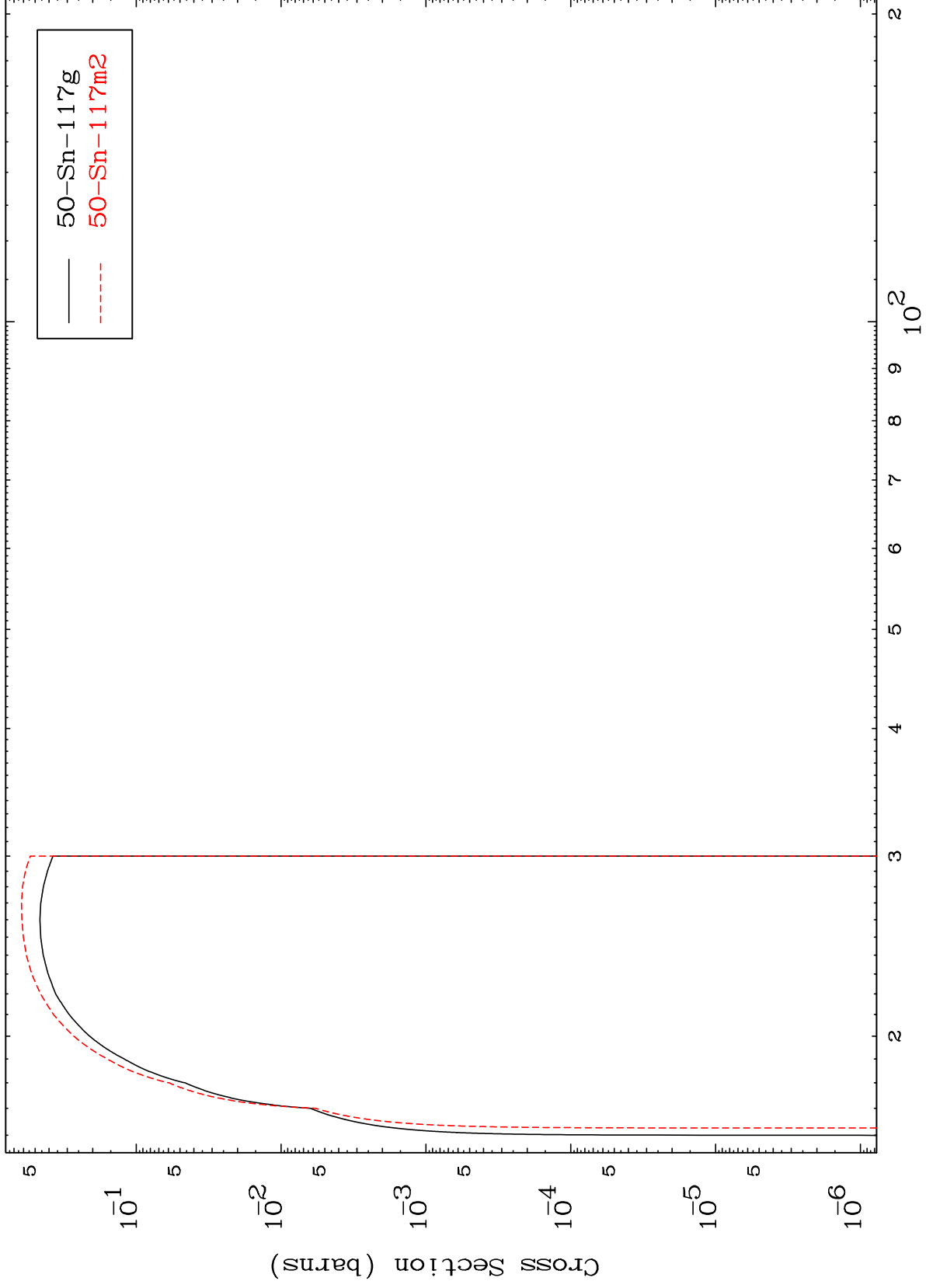


MAT 5046

(n,3n)

50-Sn-119

Radionuclide Production Cross Section



110

Incident Energy (MeV)

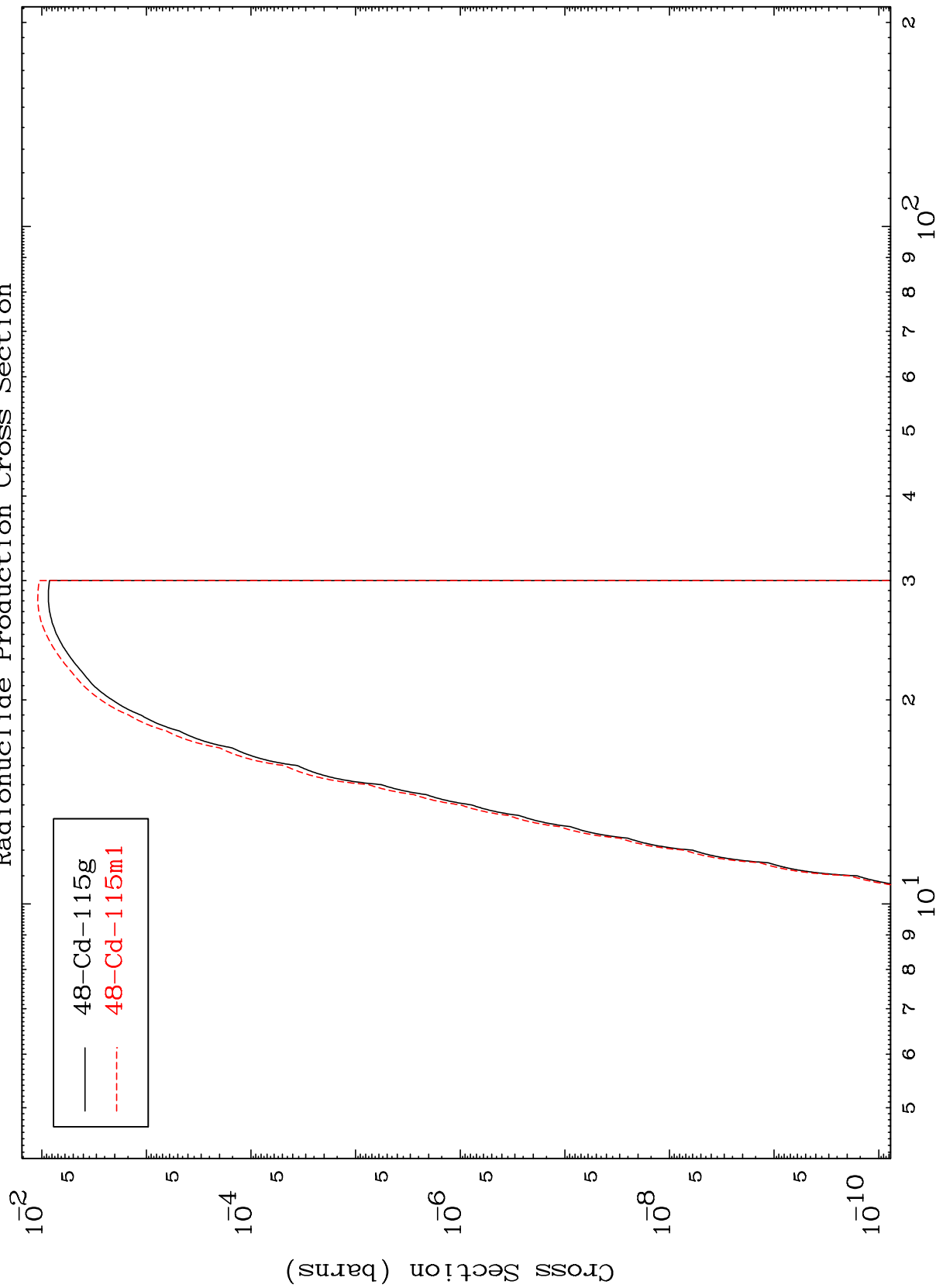
50-Sn-119

MAT 5046

50-Sn-119

(n,n') α

Radionuclide Production Cross Section



48-Cd-115g
48-Cd-115m1

50-Sn-119

Incident Energy (MeV)

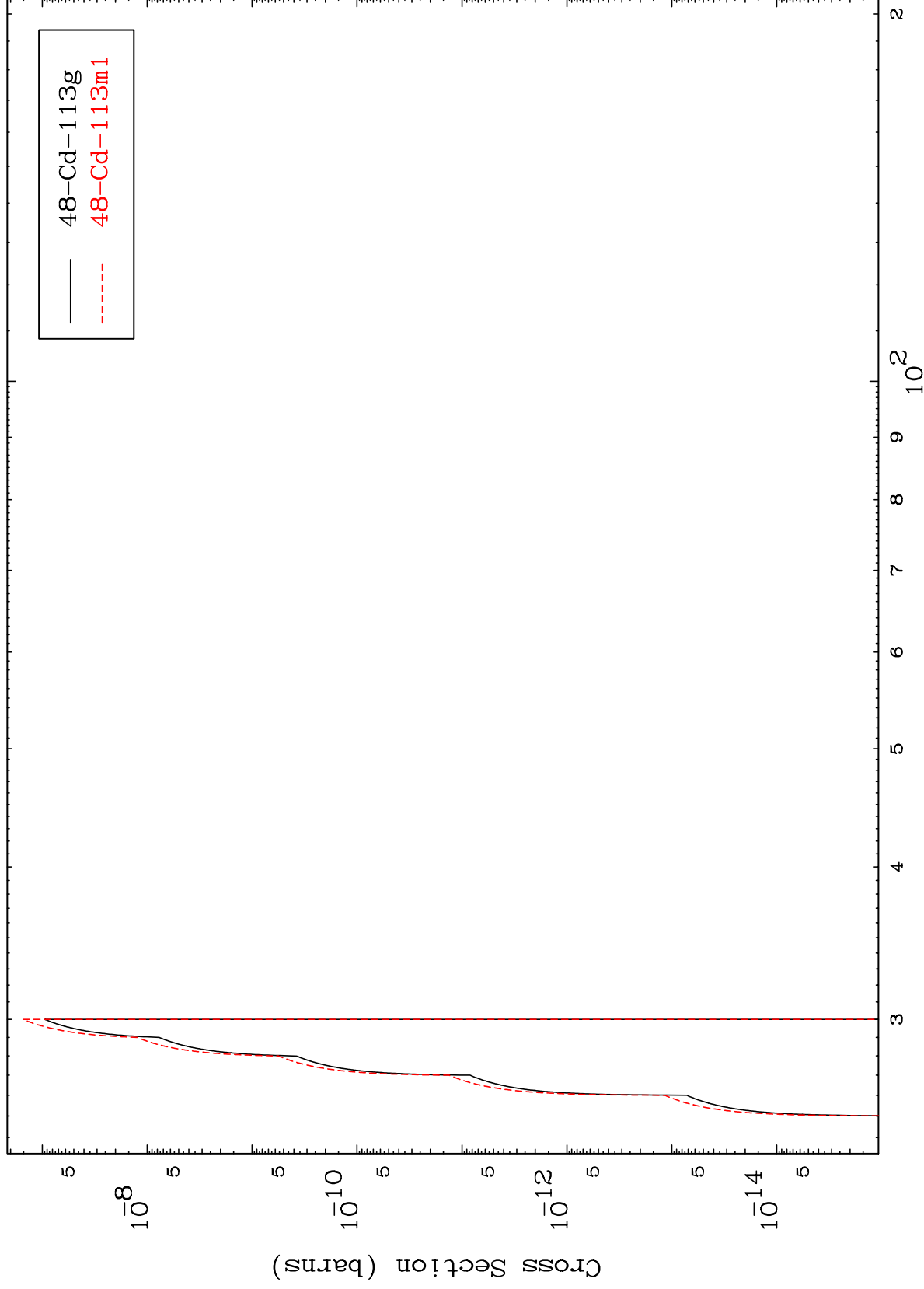
111

MAT 5046

(n,3n) α

50-Sn-119

Radionuclide Production Cross Section



112

Incident Energy (MeV)

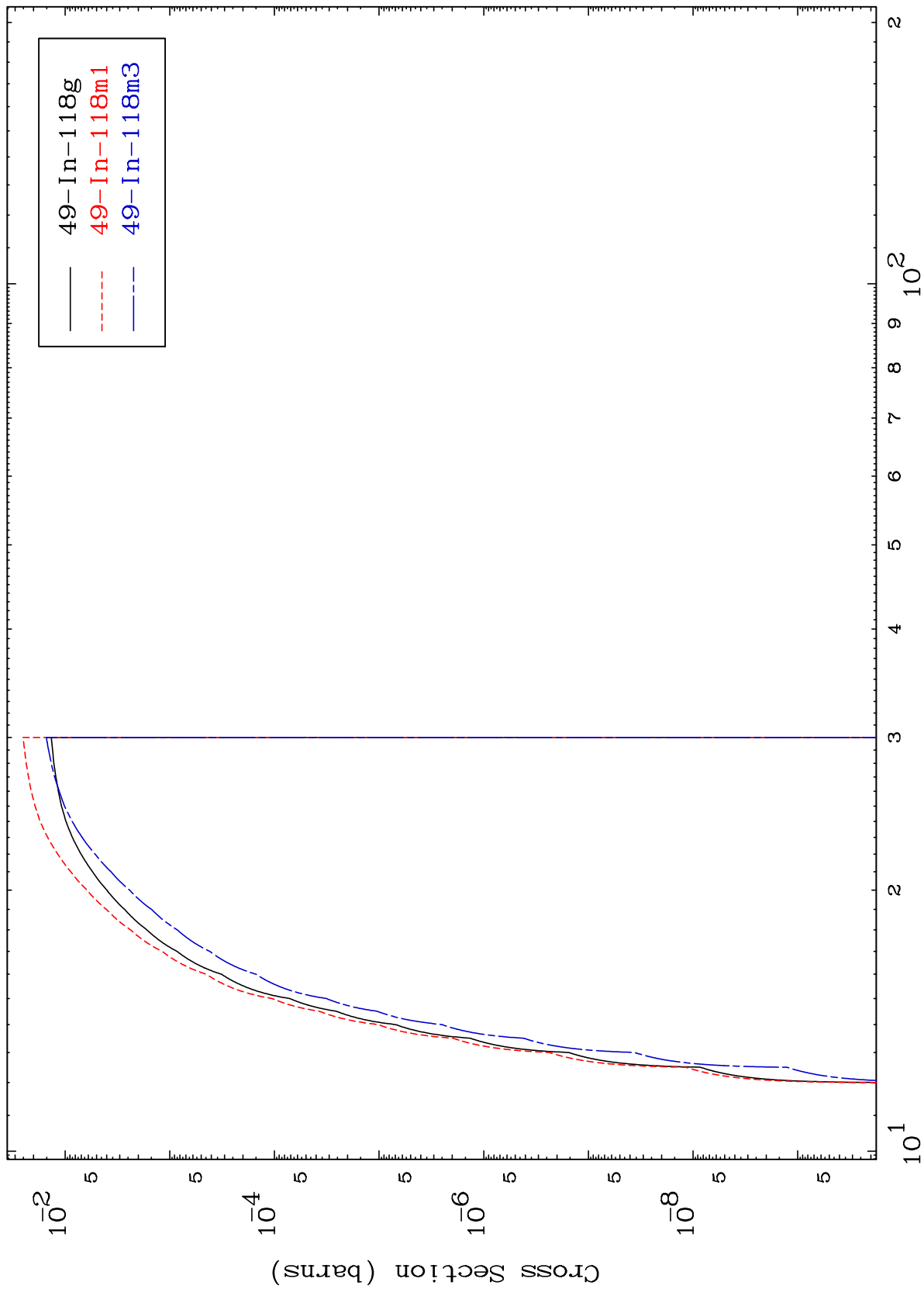
50-Sn-119

MAT 5046

(n,n') p

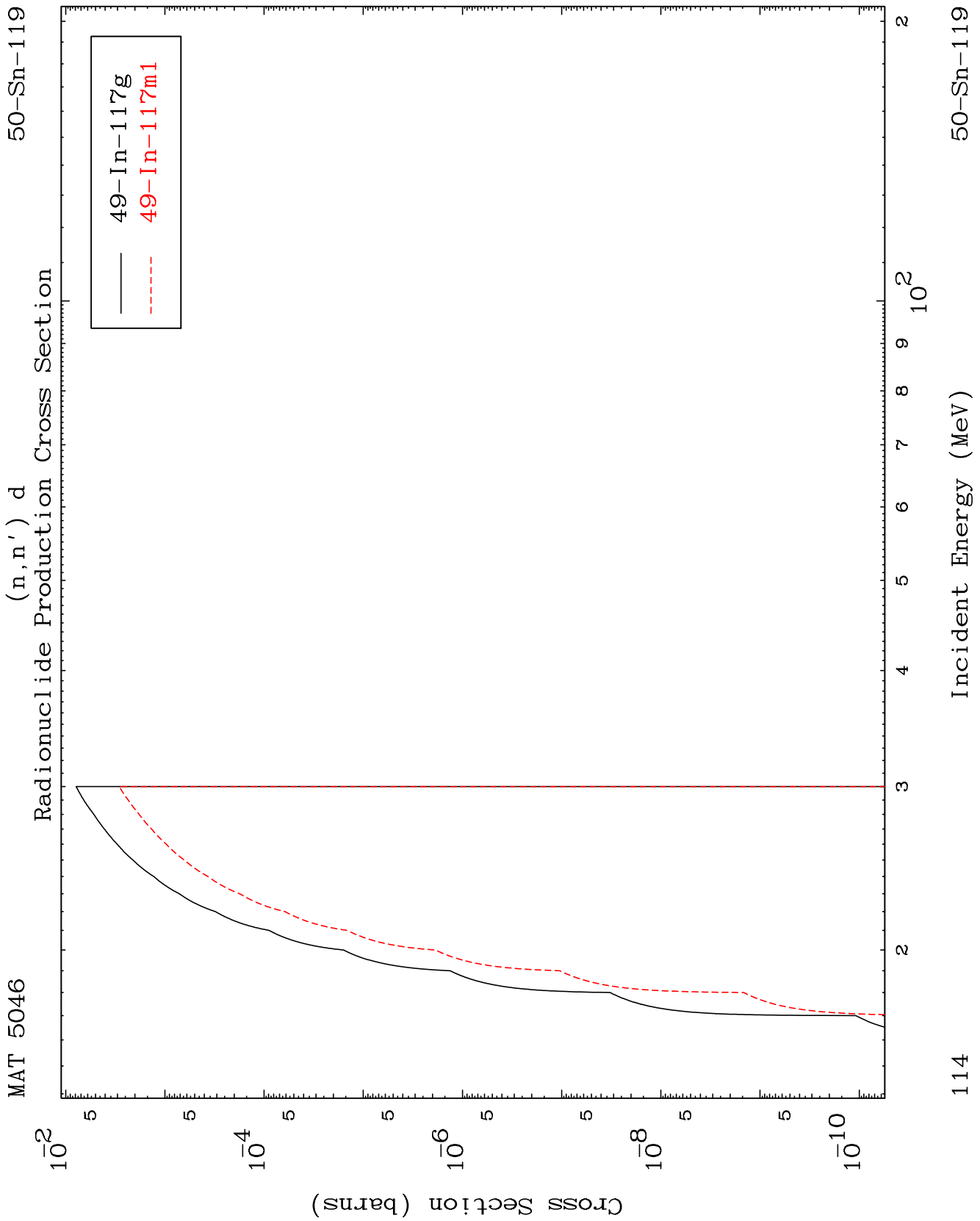
50-Sn-119

Radionuclide Production Cross Section

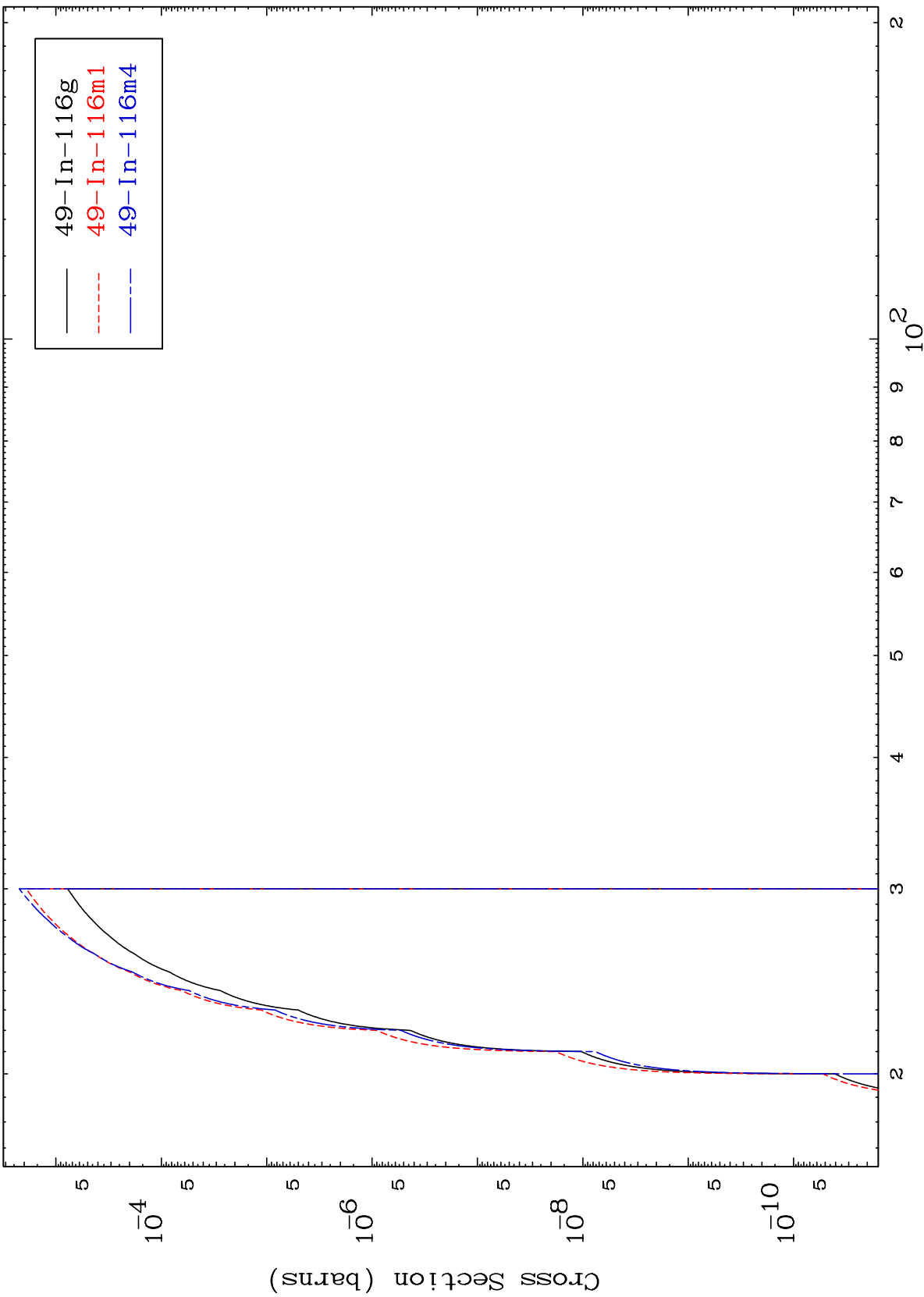


Incident Energy (MeV)

50-Sn-119



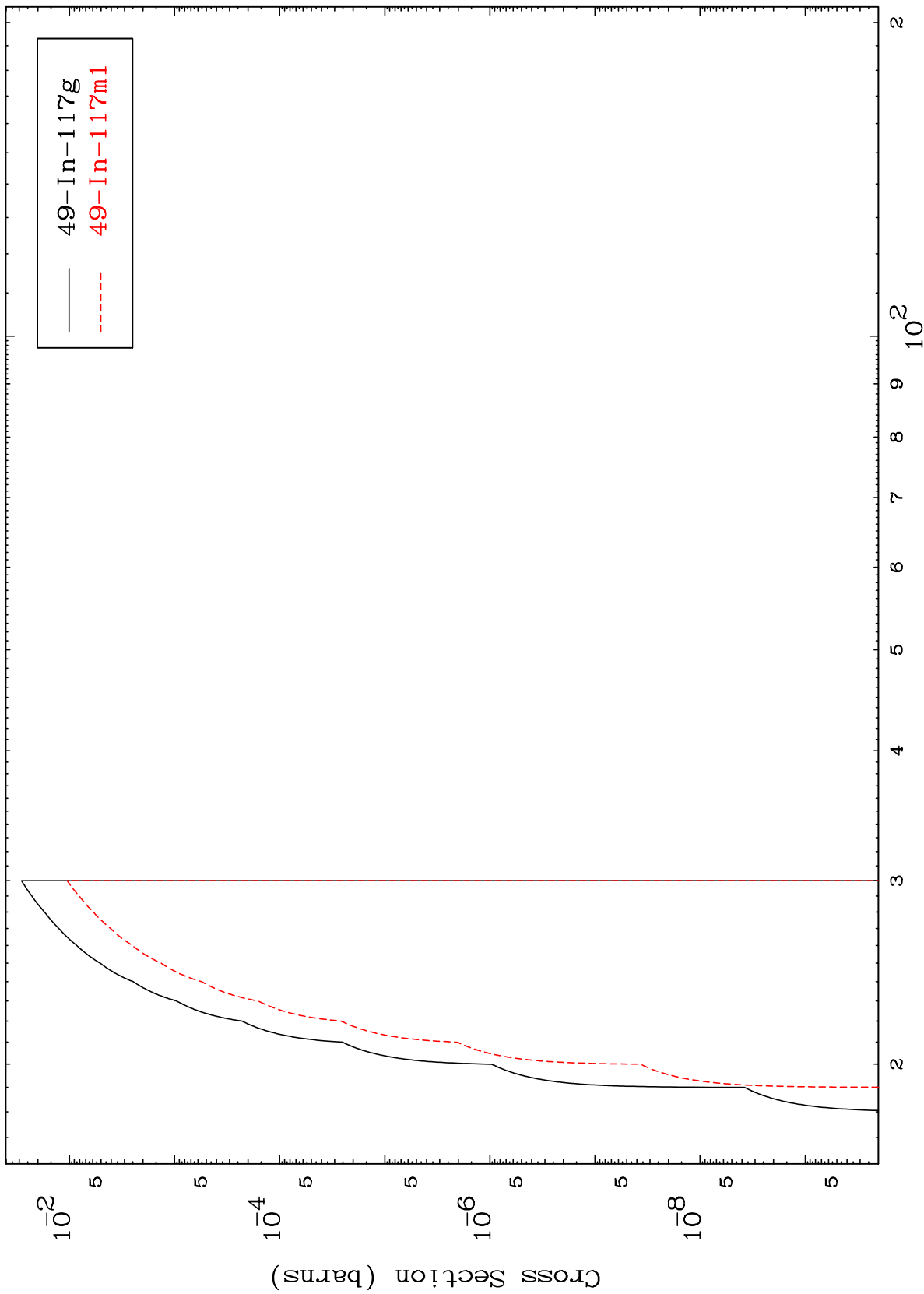
Radionuclide Production Cross Section



MAT 5046

50-Sn-119

(n,2n) p
Radionuclide Production Cross Section

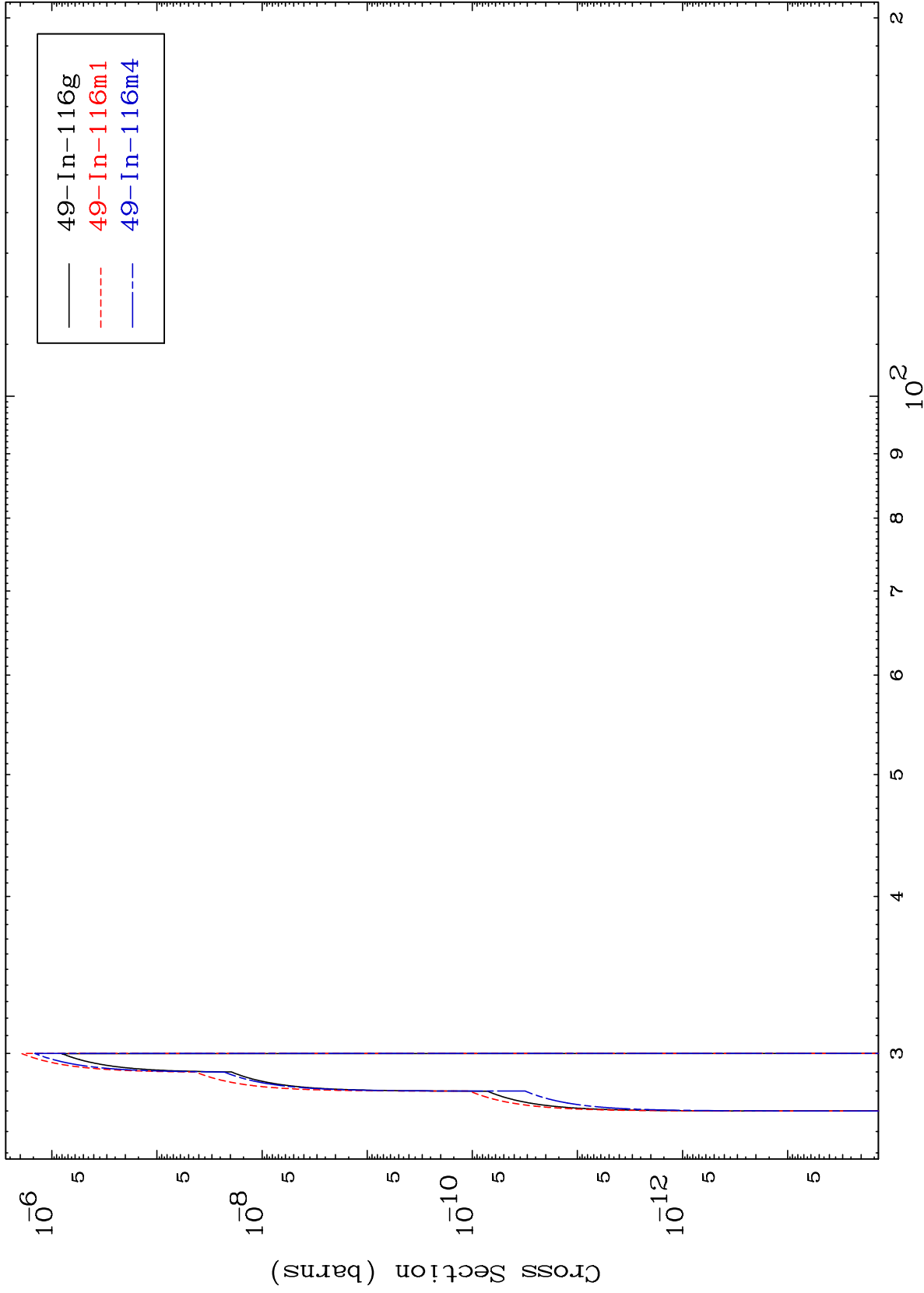


116

Incident Energy (MeV)

50-Sn-119

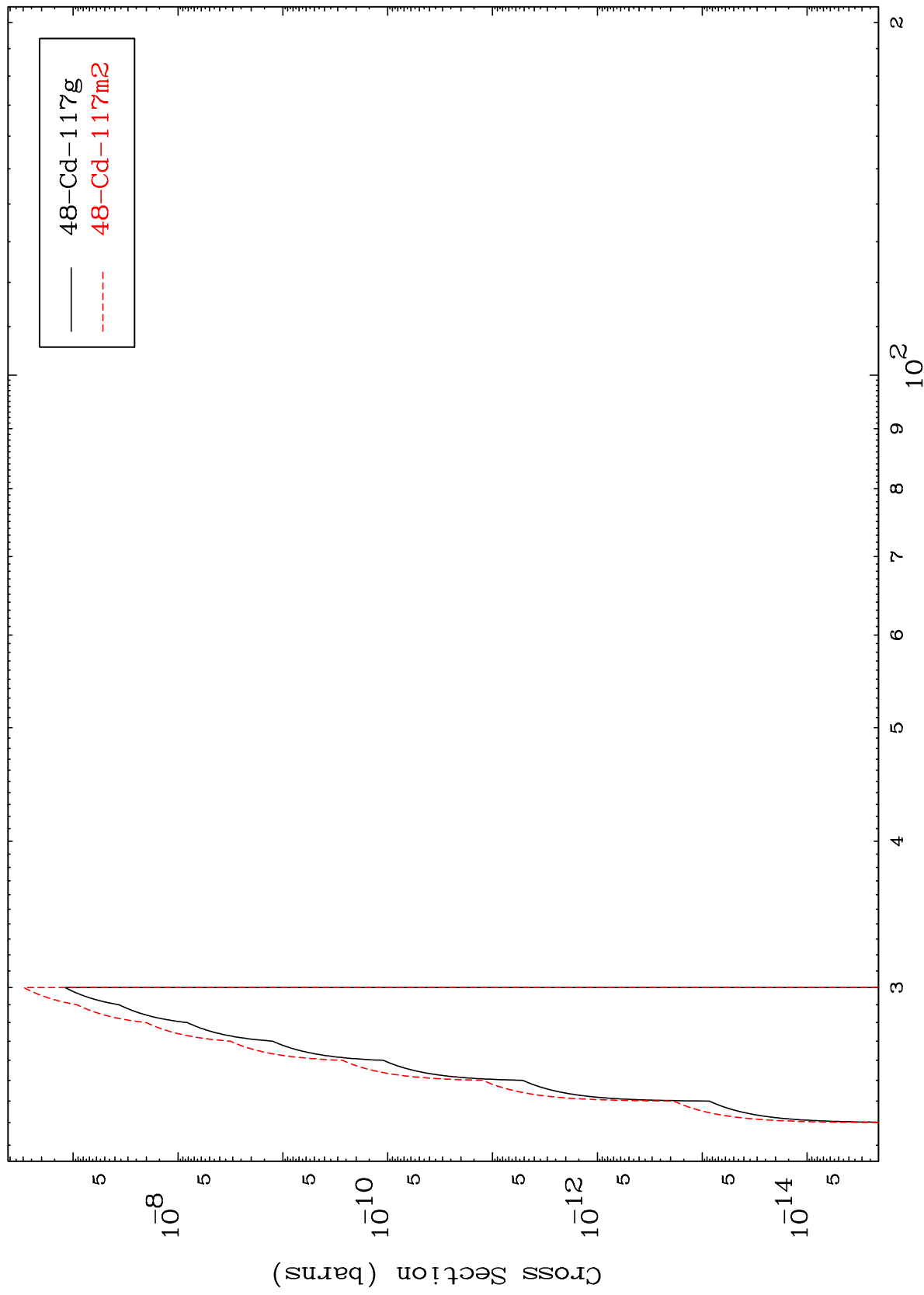
Radionuclide Production Cross Section



MAT 5046

50-Sn-119

(n,2n) p
Radionuclide Production Cross Section



118

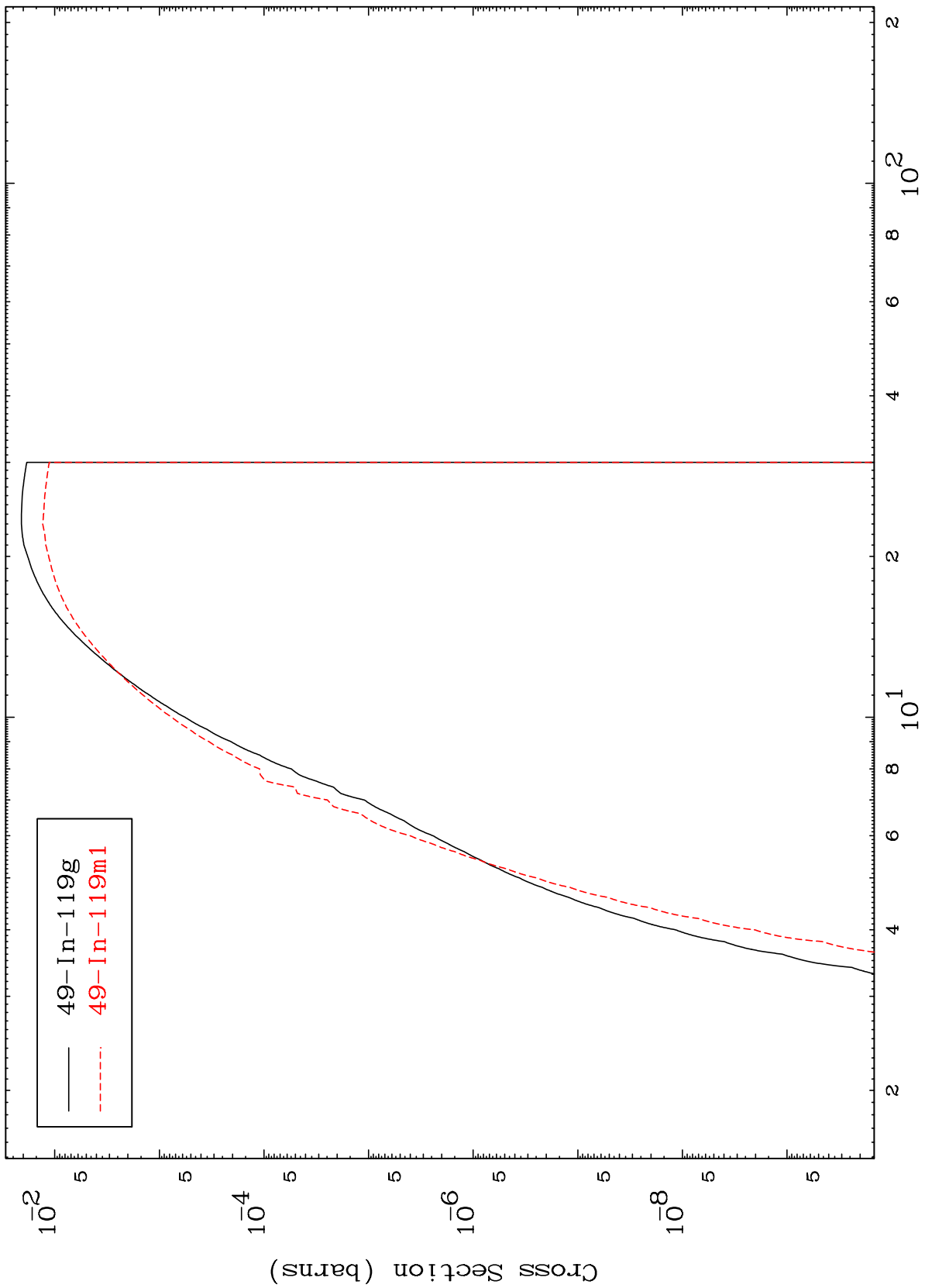
Incident Energy (MeV)

50-Sn-119

MAT 5046

50-Sn-119

(n,p)
Radionuclide Production Cross Section

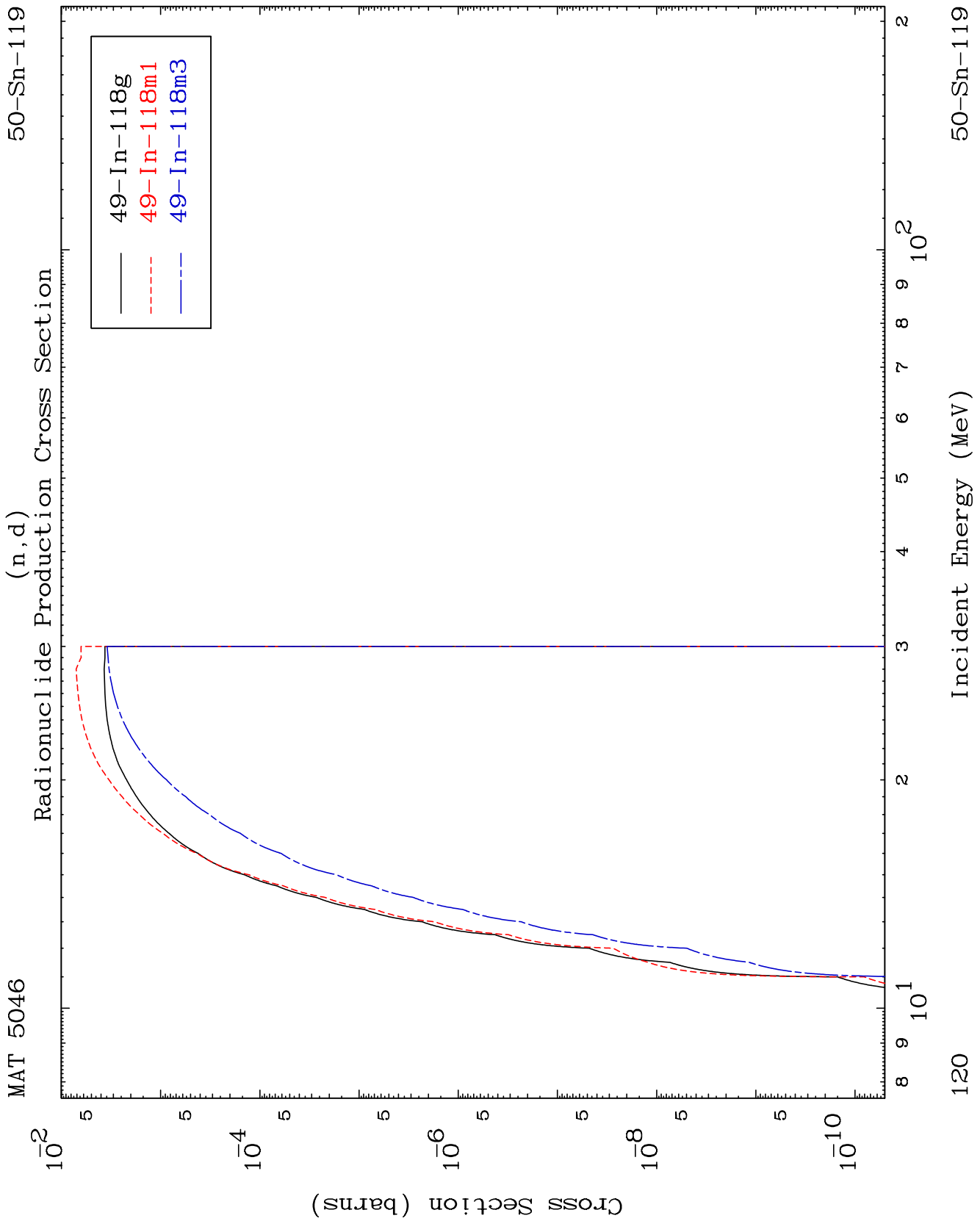


— 49-In-119g
- - - 49-In-119m1

50-Sn-119

Incident Energy (MeV)

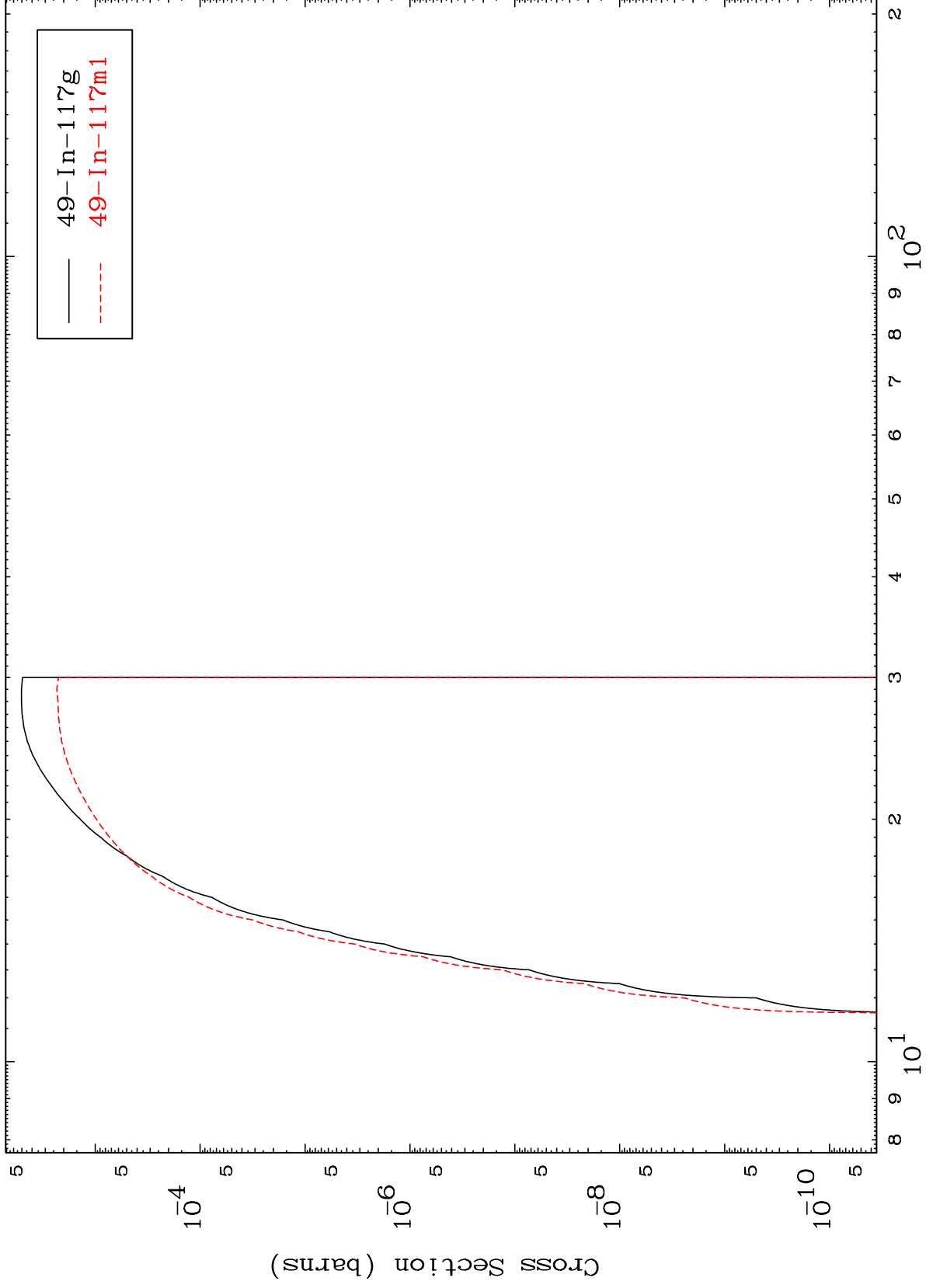
119



MAT 5046

50-Sn-119

(n,t)
Radionuclide Production Cross Section

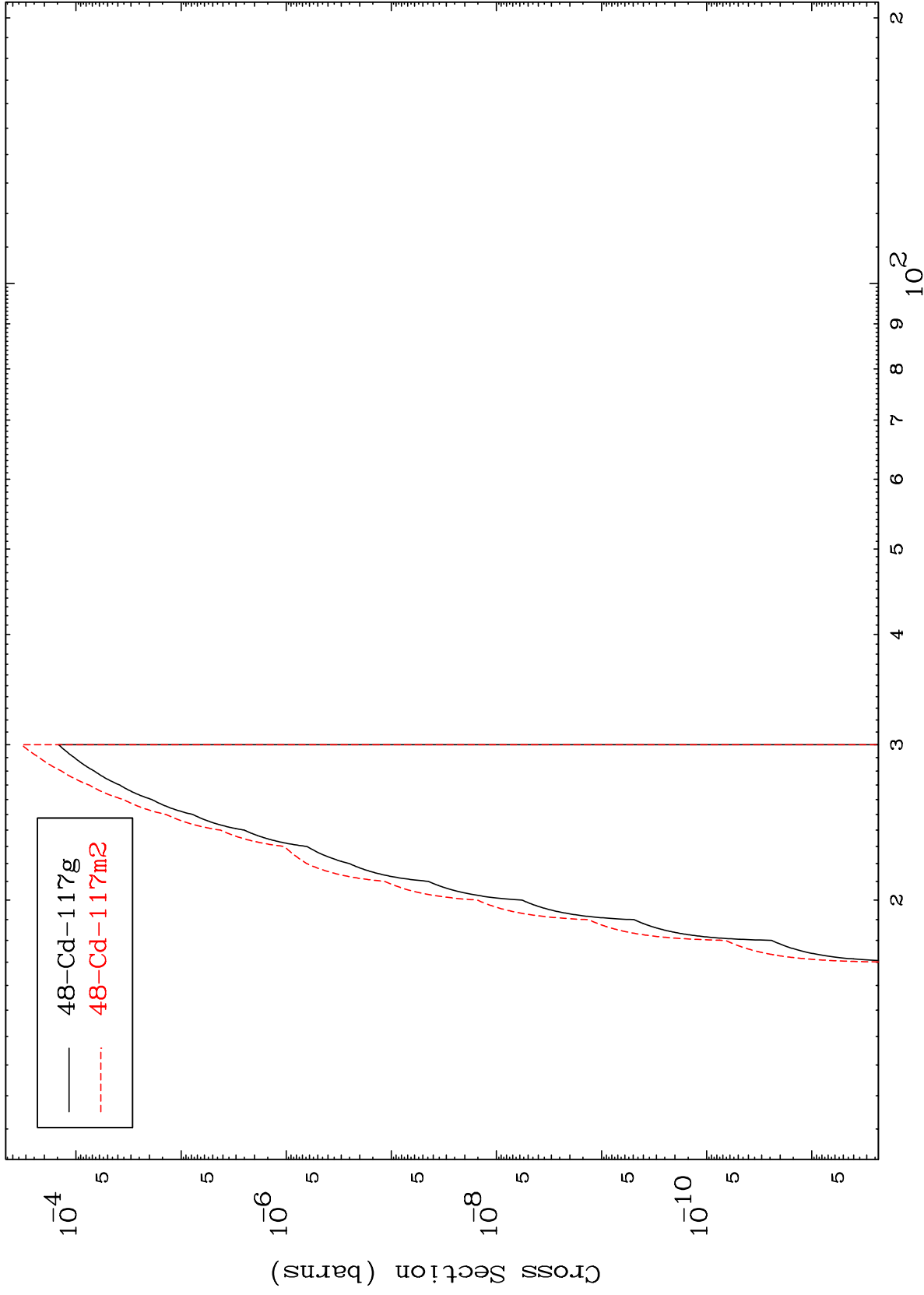


50-Sn-119

Incident Energy (MeV)

121

Radionuclide Production Cross Section

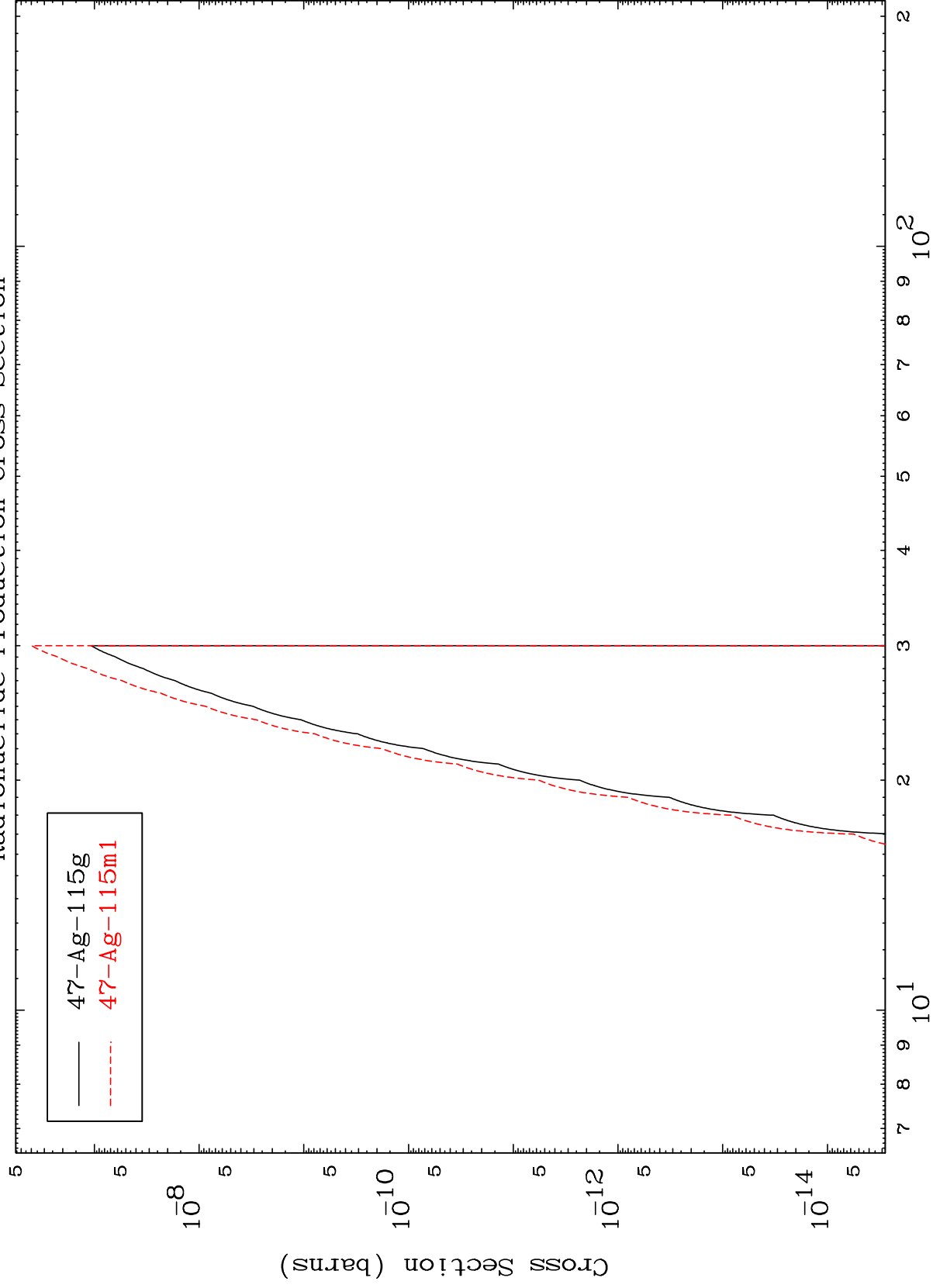


MAT 5046

(n,p) α

50-Sn-119

Radionuclide Production Cross Section



123

Incident Energy (MeV)

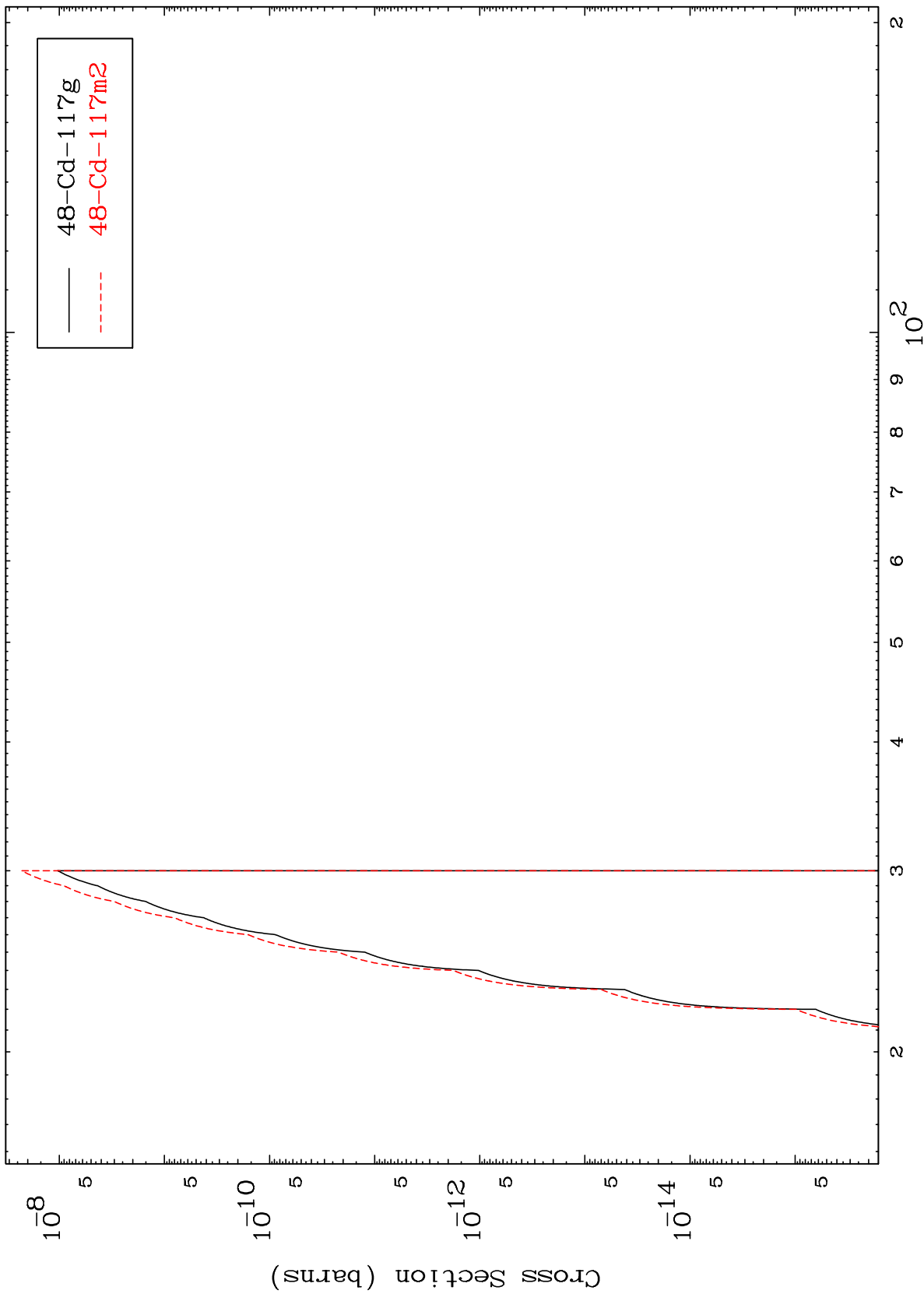
50-Sn-119

MAT 5046

(n,p) d

50-Sn-119

Radionuclide Production Cross Section



124

Incident Energy (MeV)

50-Sn-119