

Program EVALPLOT
(Version 2021-1)

by

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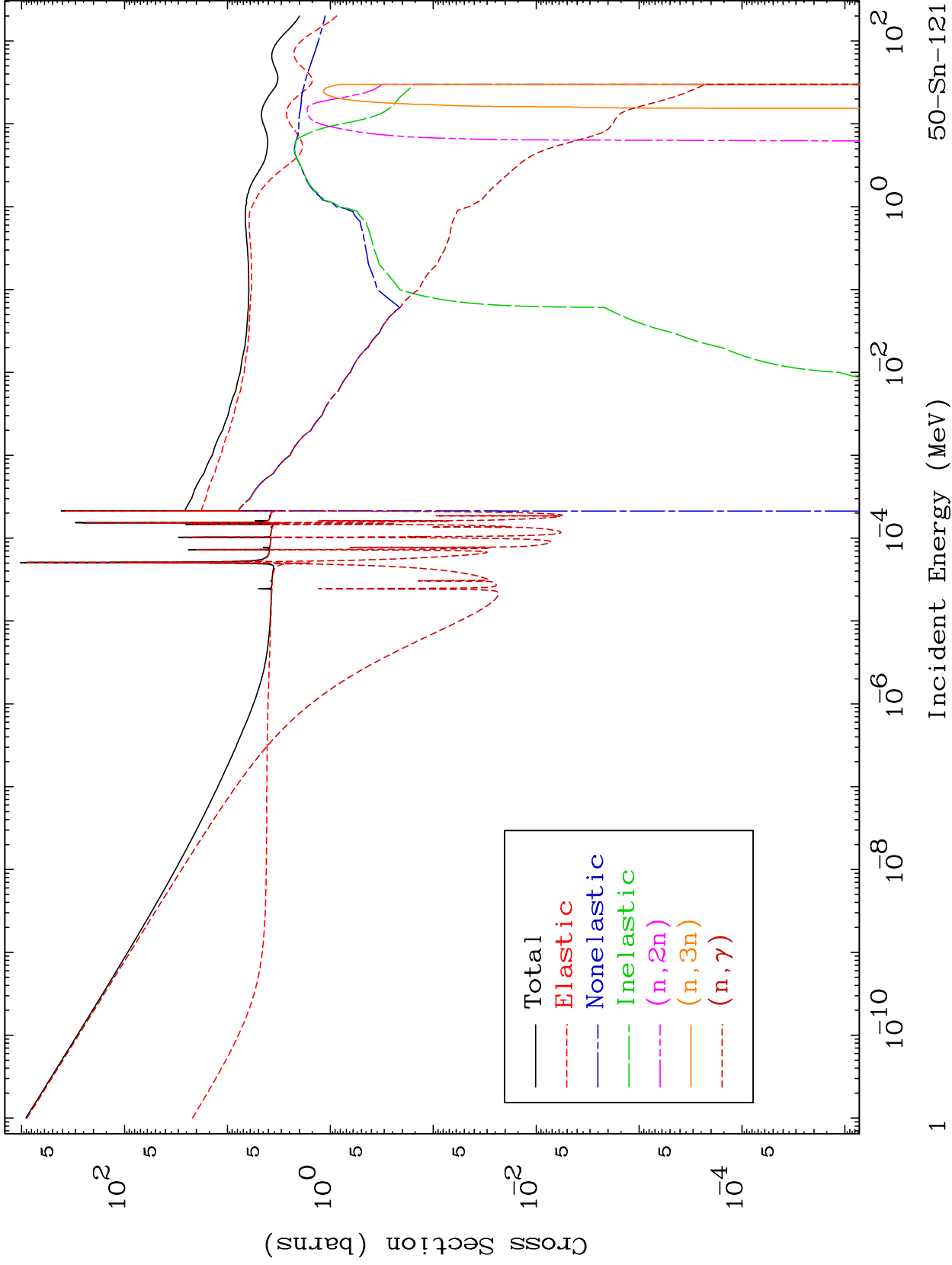
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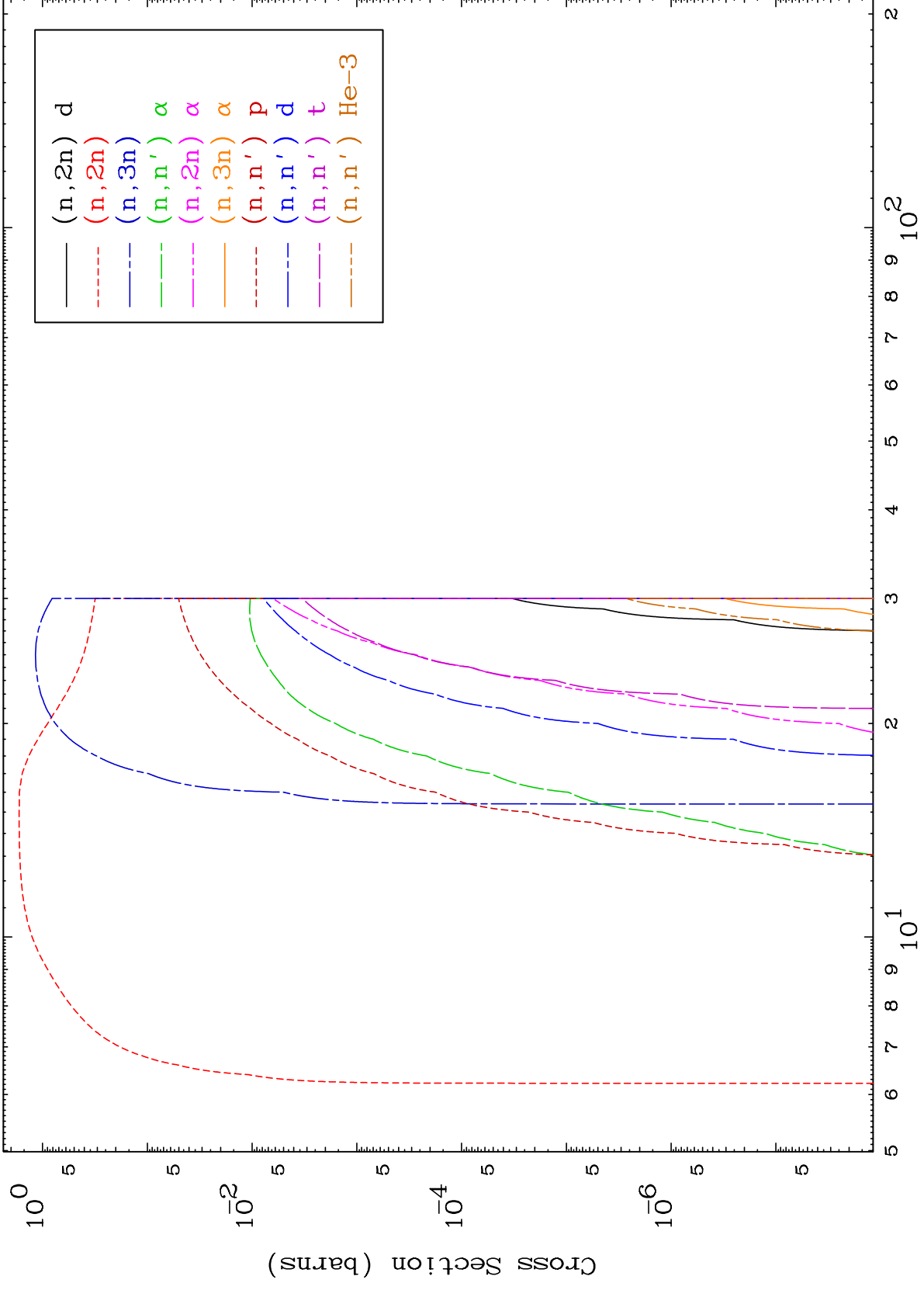
Press Mouse Button to Start

MAT 5052

Neutron Major
293 Kelvin Cross Sections

50-Sn-121

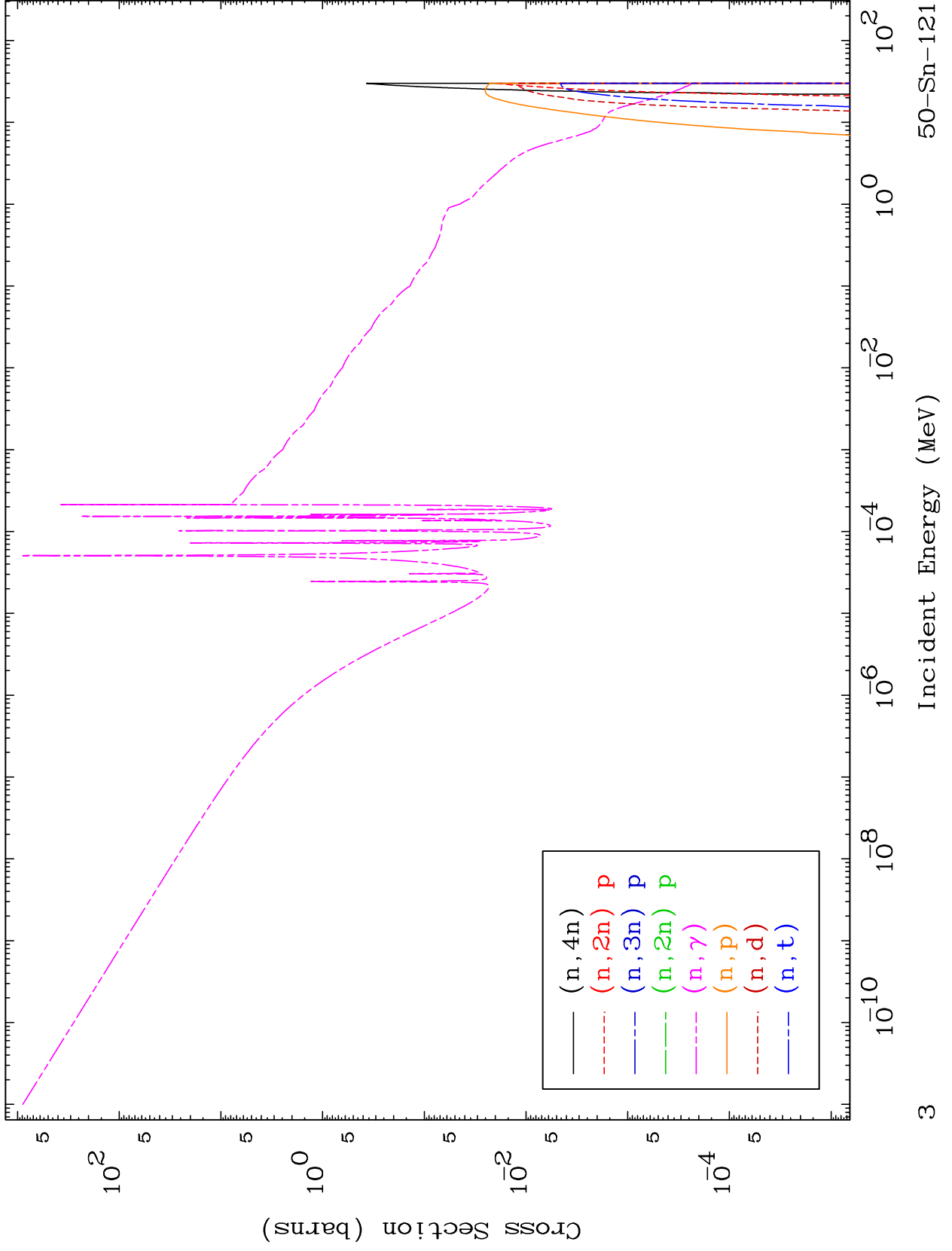




MAT 5052

Neutron Absorption
293 Kelvin Cross Sections

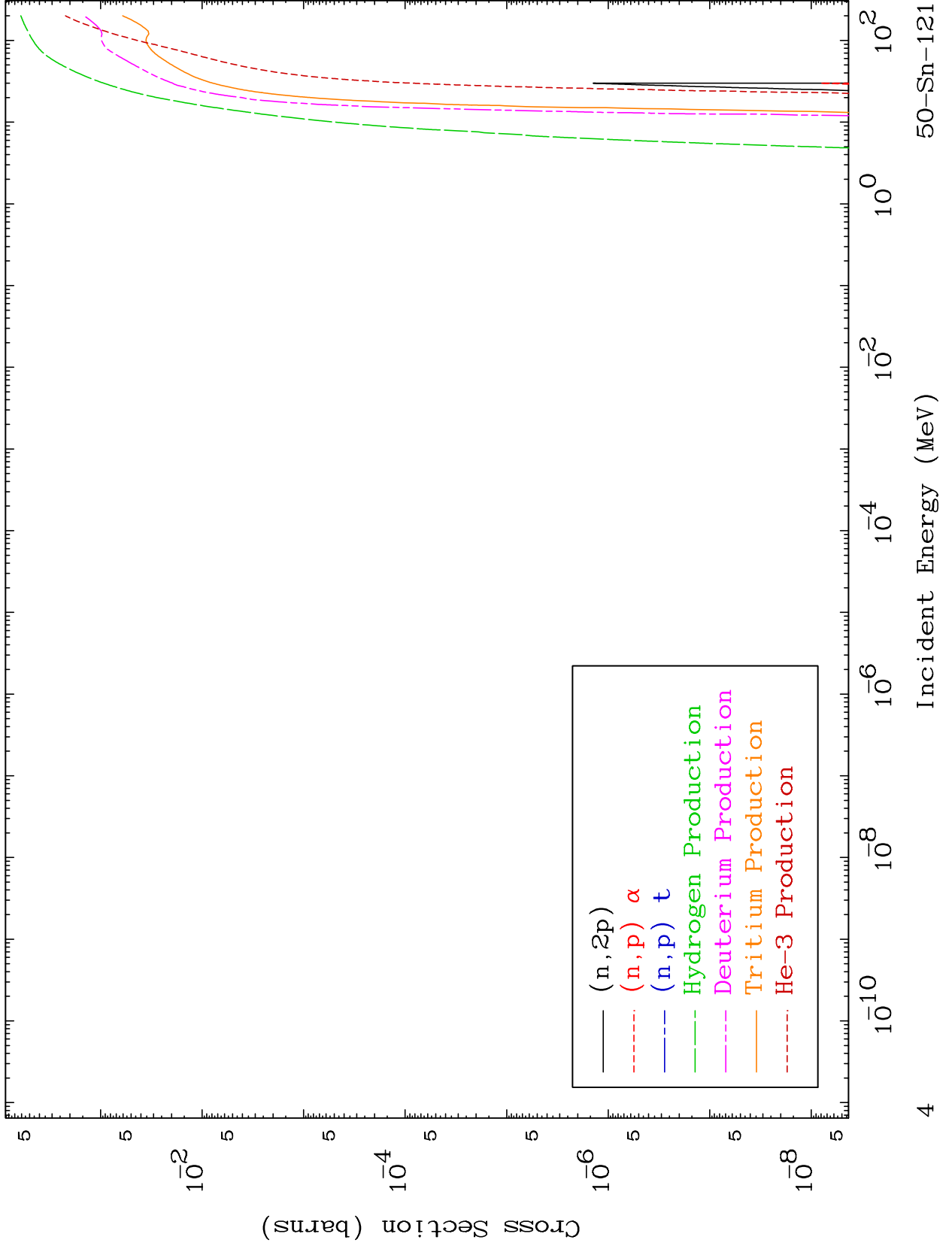
50-Sn-121



MAT 5052

Neutron Absorption
293 Kelvin Cross Sections

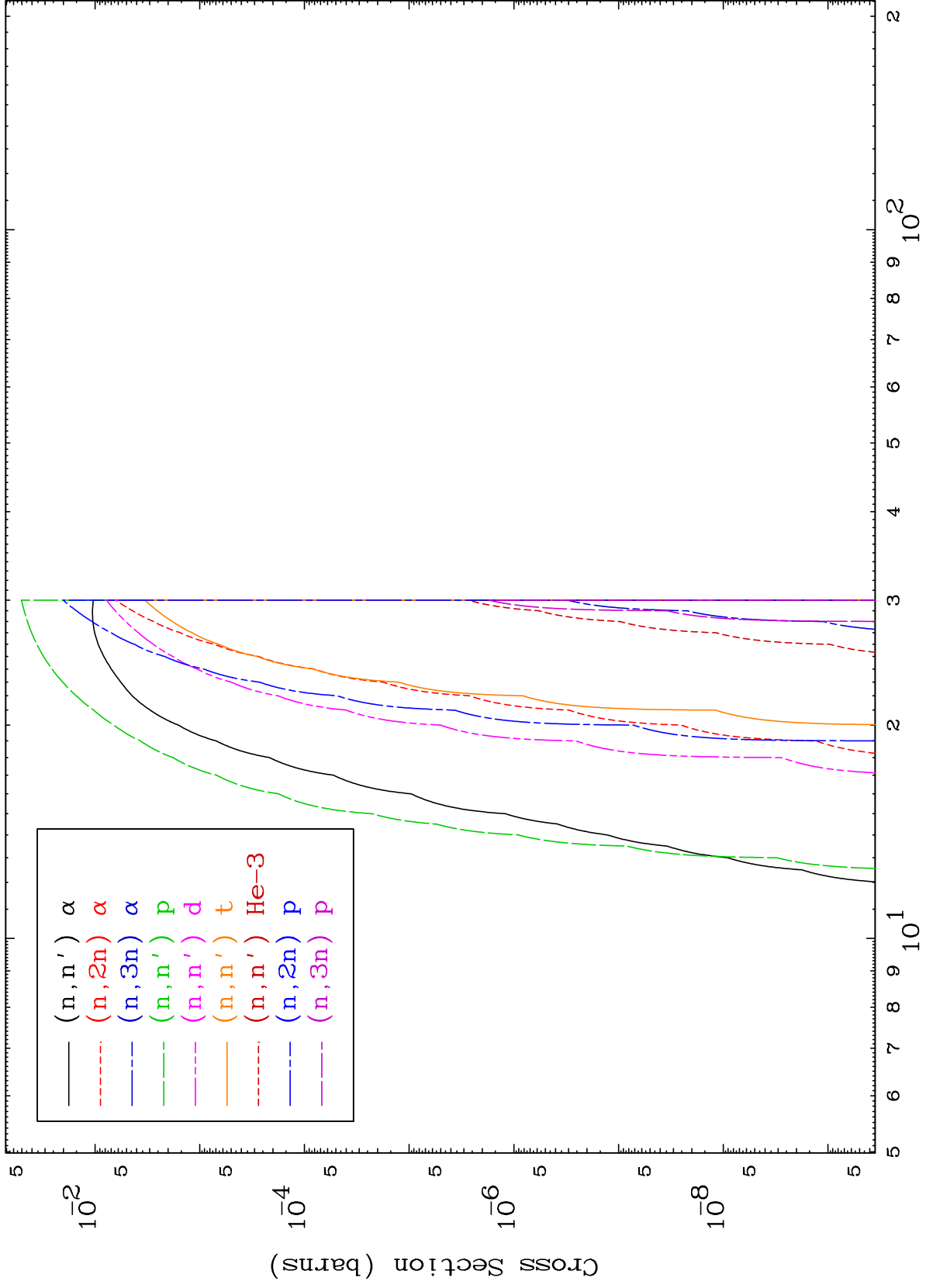
50-Sn-121



MAT 5052

Charged Particle
293 Kelvin Cross Sections

50-Sn-121



5

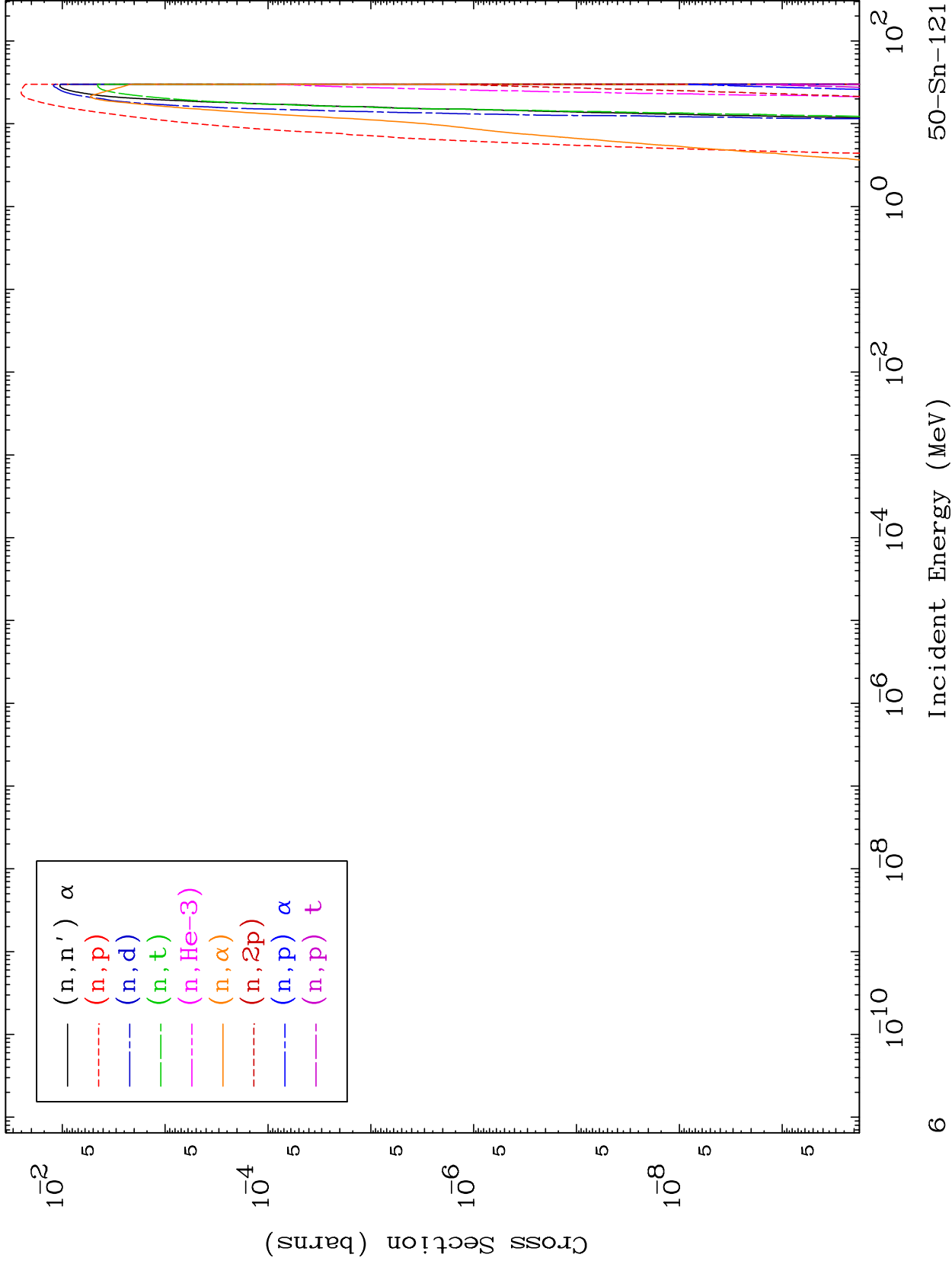
Incident Energy (MeV)

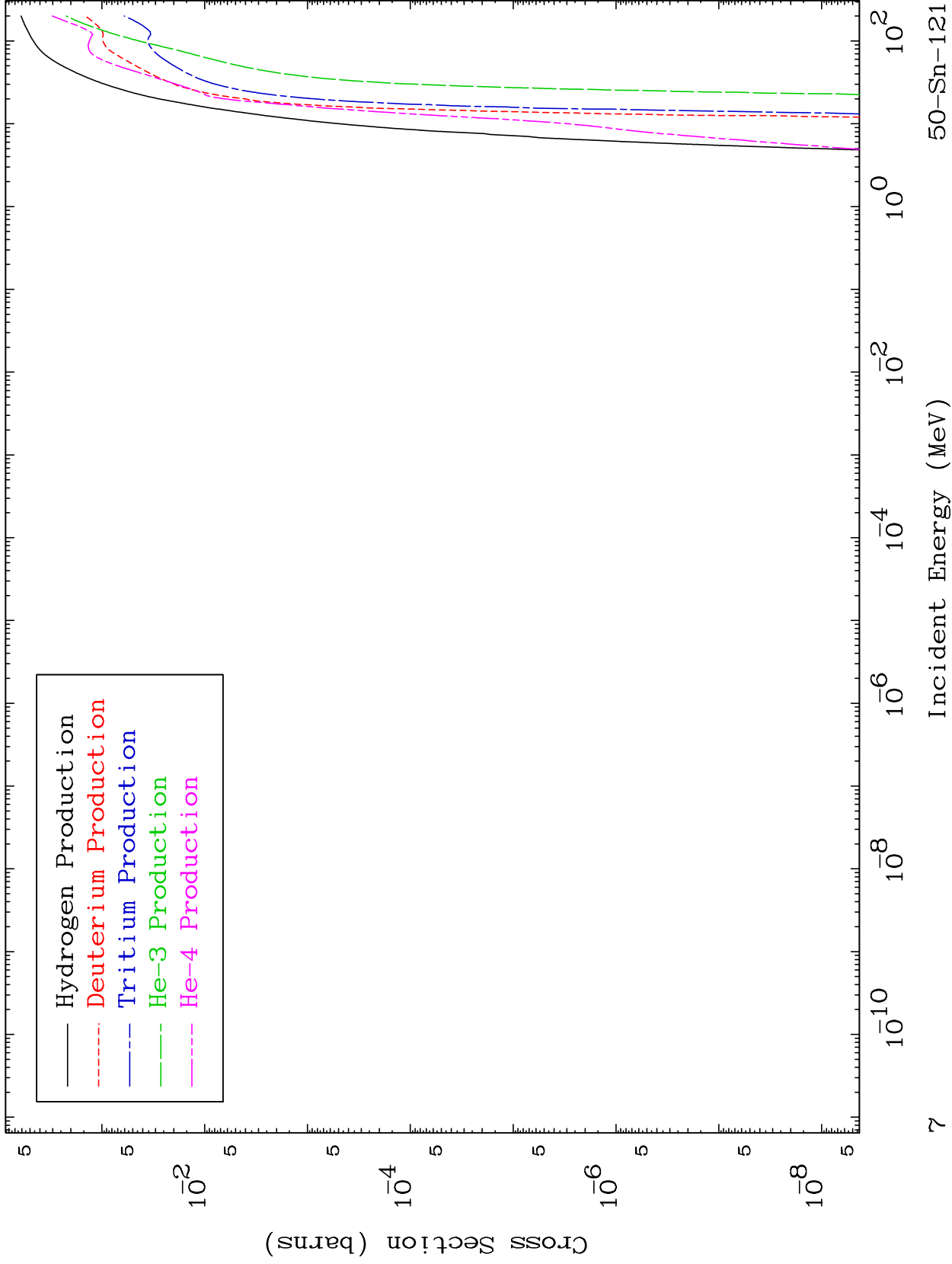
50-Sn-121

MAT 5052

Charged Particle
293 Kelvin Cross Sections

50-Sn-121

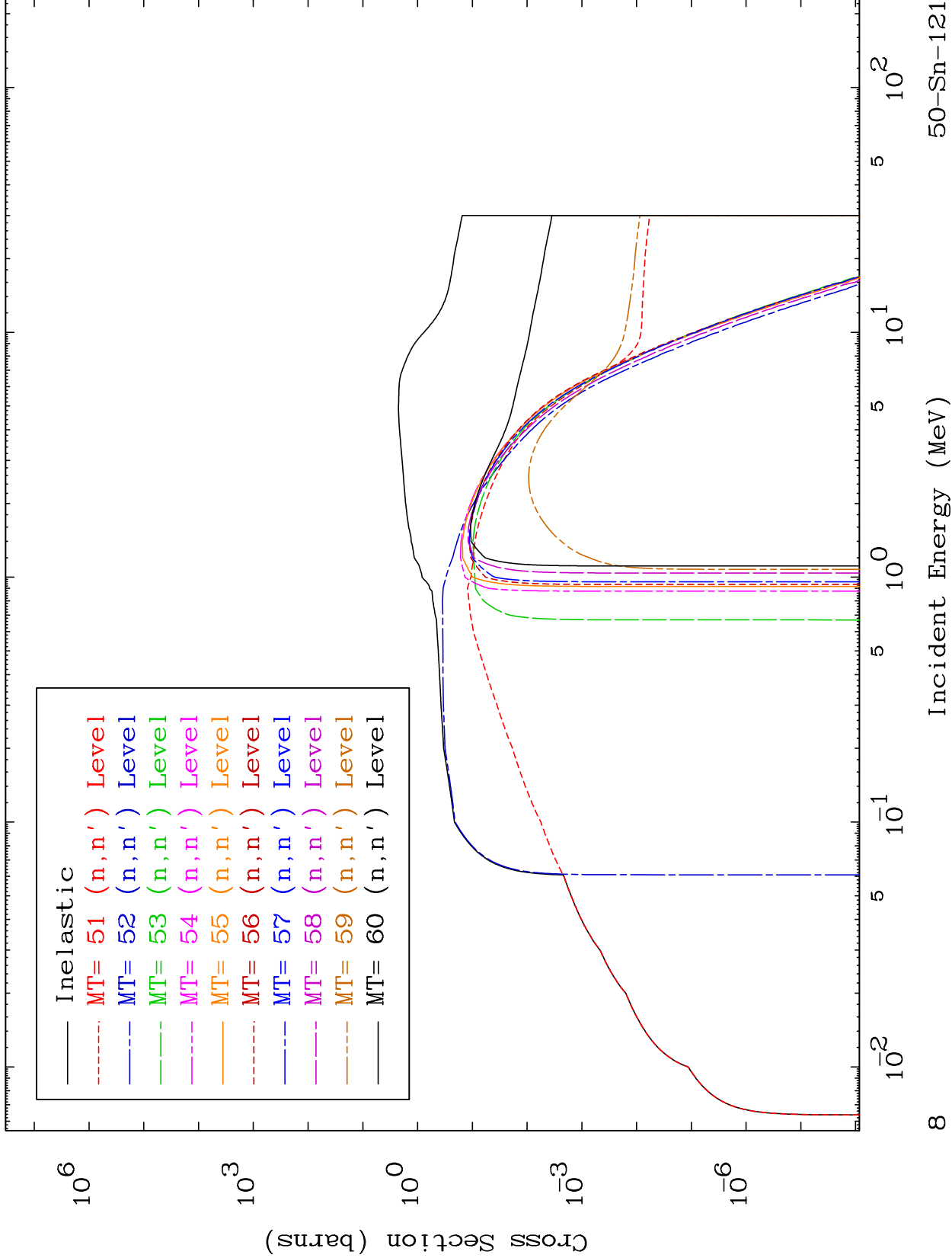




MAT 5052

(n,n') Levels
293 Kelvin Cross Sections

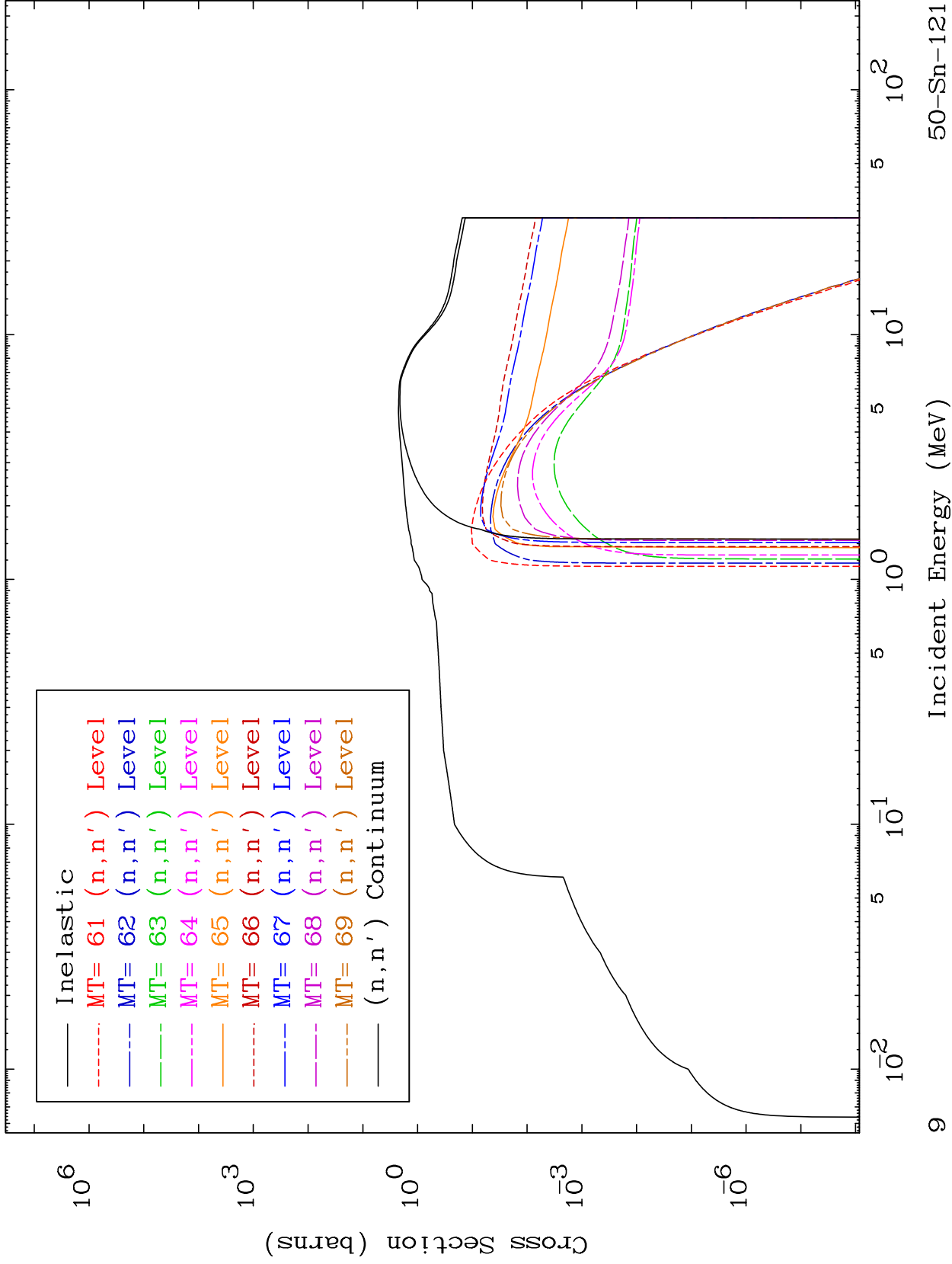
50-Sn-121



MAT 5052

(n,n') Levels
293 Kelvin Cross Sections

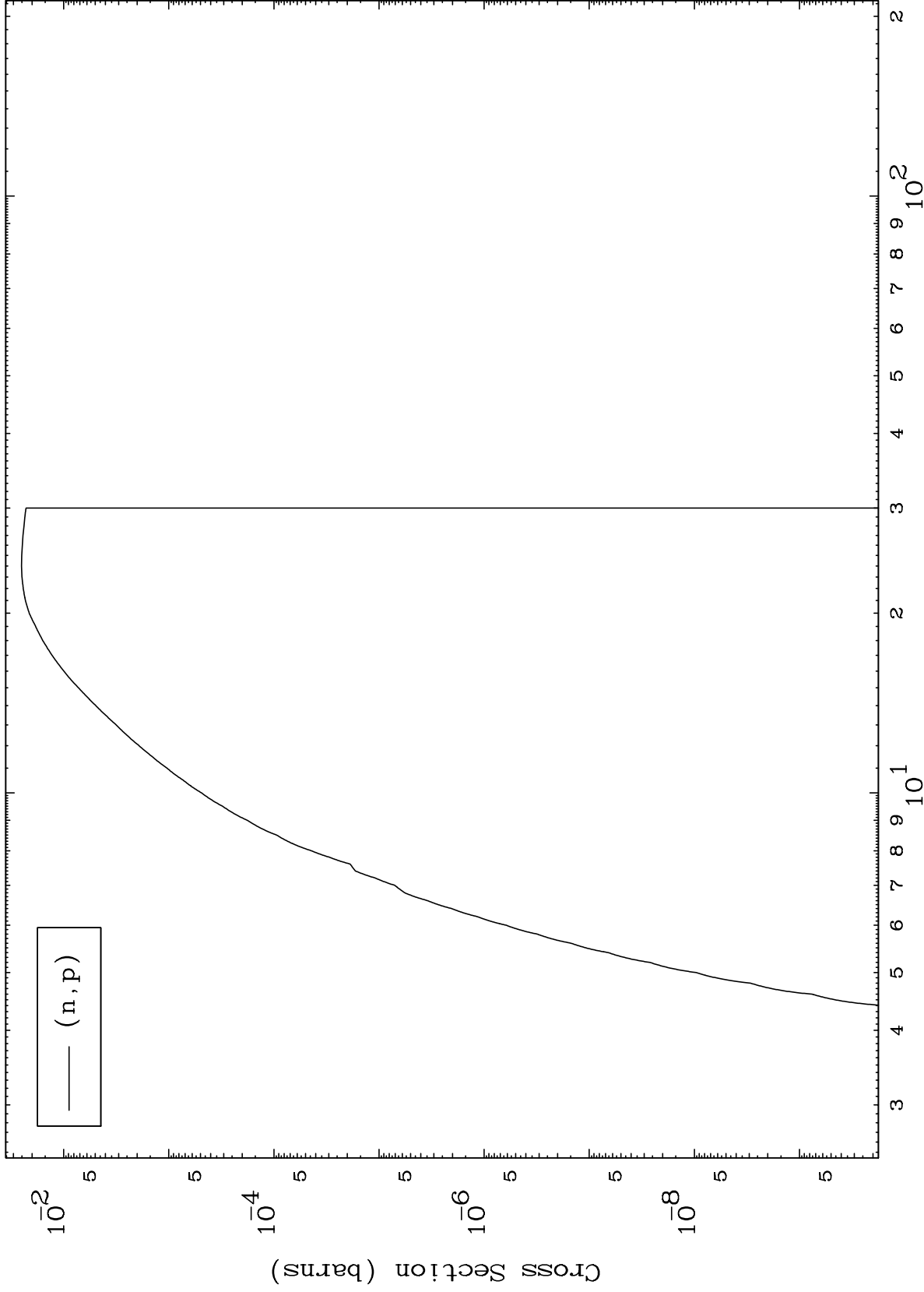
50-Sn-121



MAT 5052

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-121



10

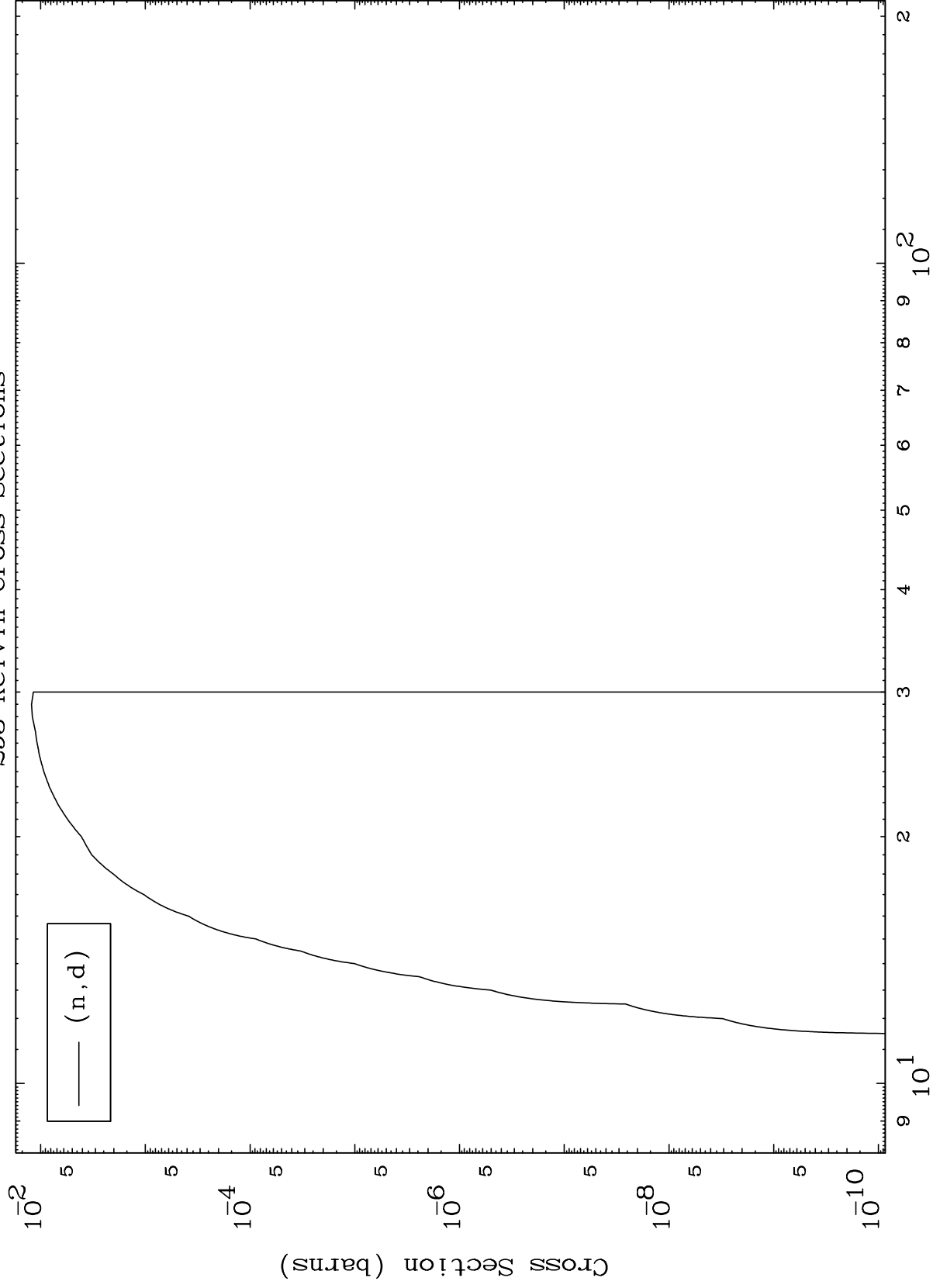
Incident Energy (MeV)

50-Sn-121

MAT 5052

50-Sn-121

(n,d) Levels
293 Kelvin Cross Sections



50-Sn-121

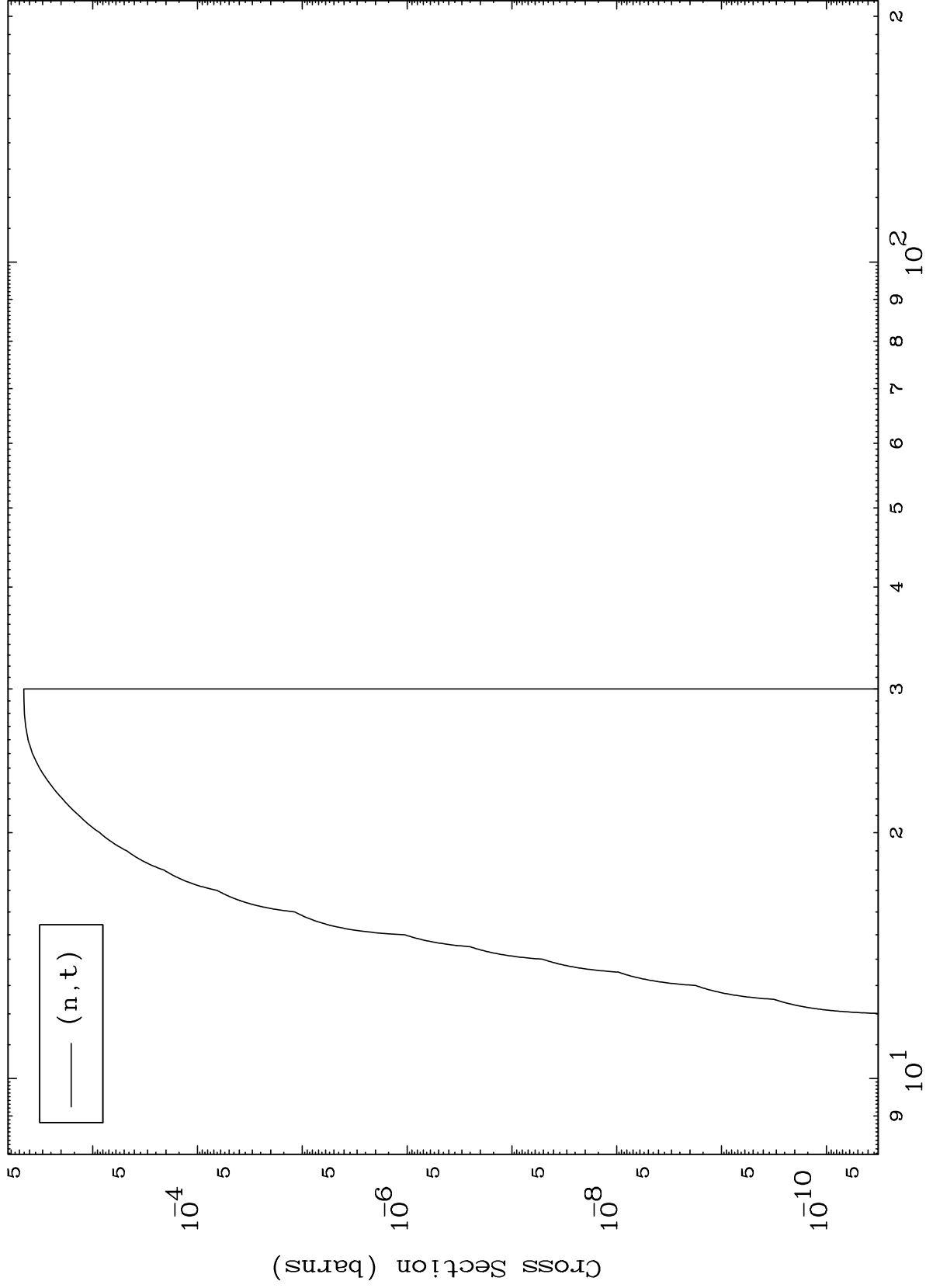
Incident Energy (MeV)

11

MAT 5052

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-121



12

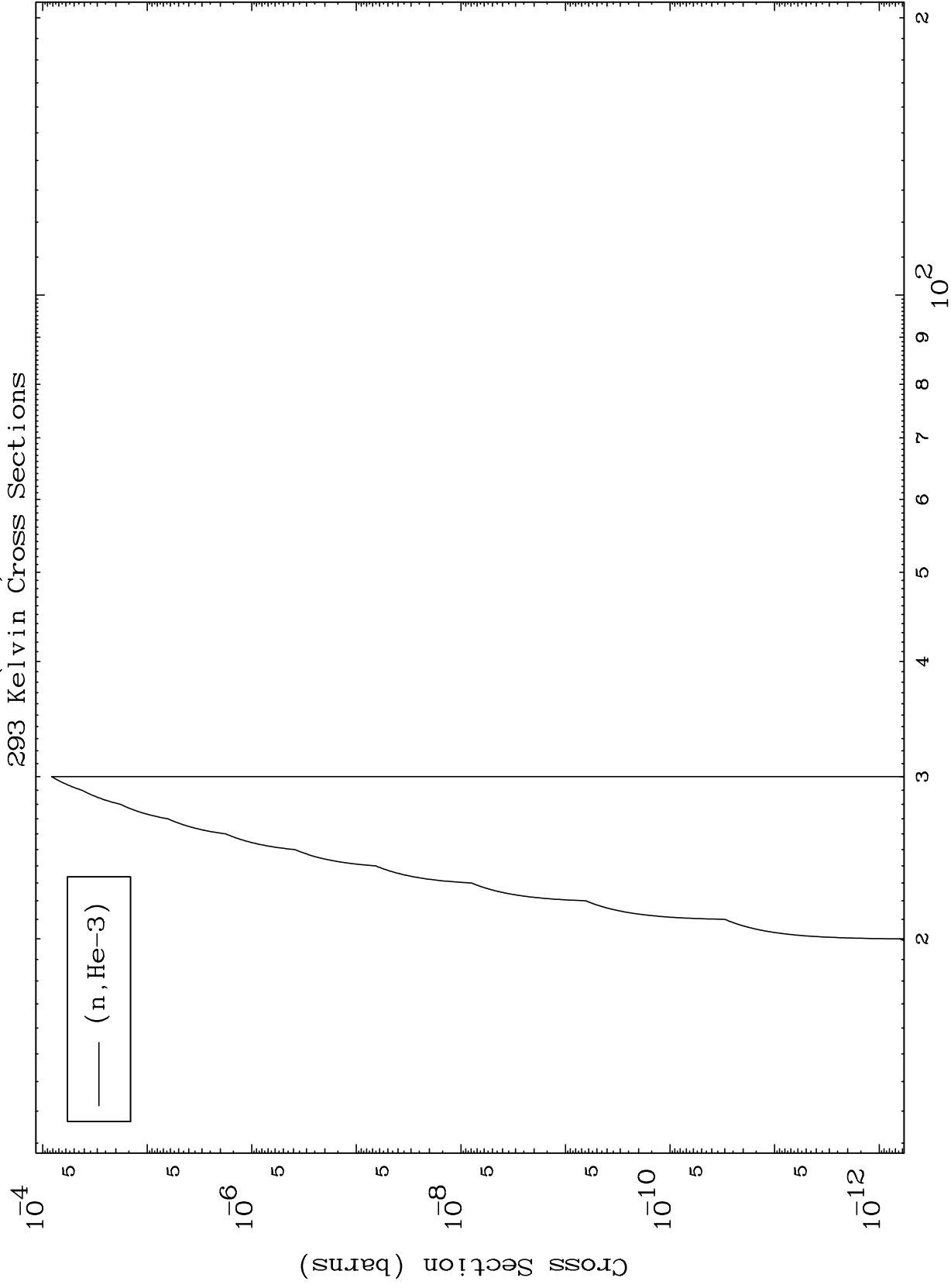
Incident Energy (MeV)

50-Sn-121

MAT 5052

50-Sn-121

(n,He3) Levels
293 Kelvin Cross Sections



13

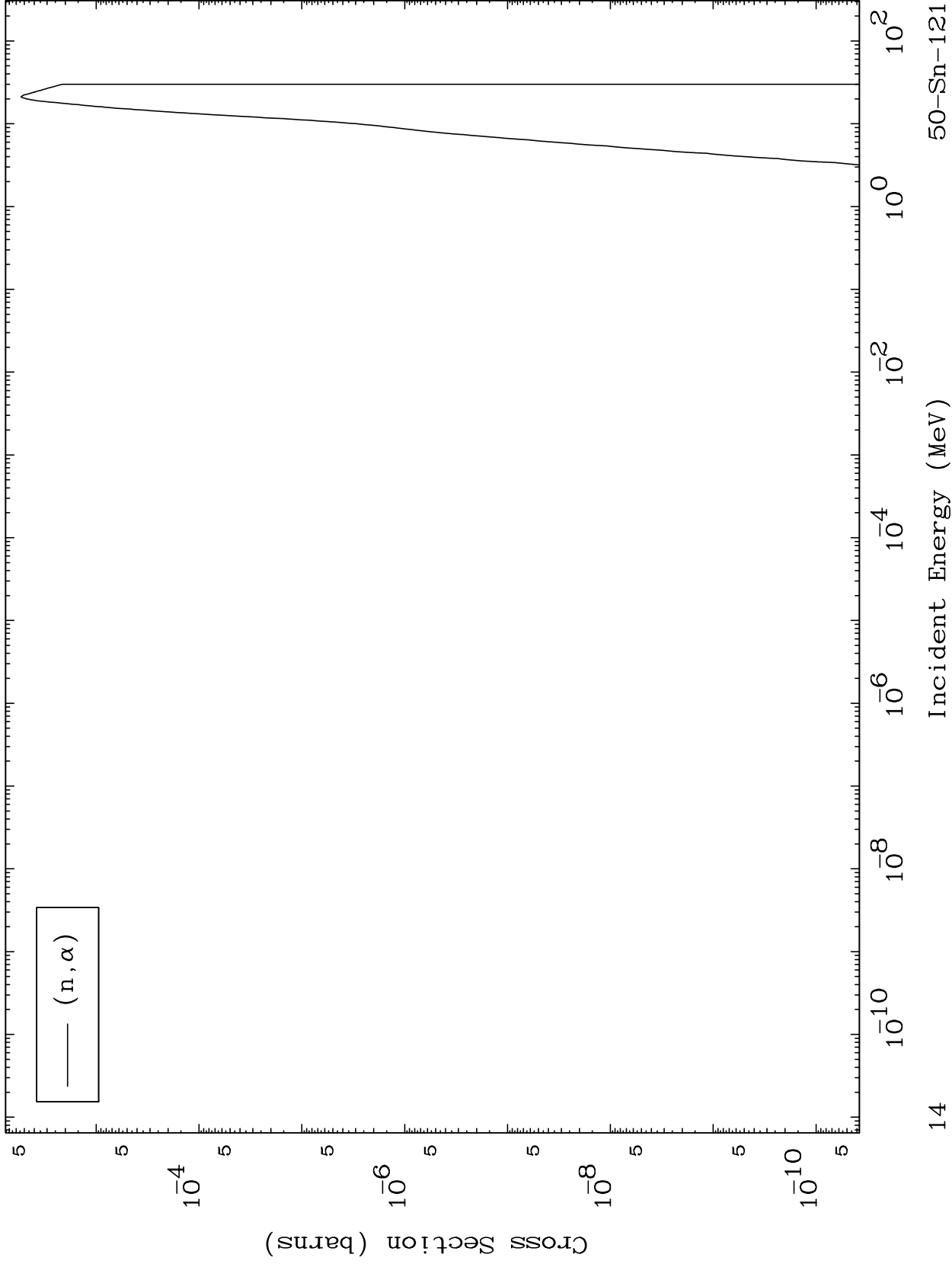
50-Sn-121

Incident Energy (MeV)

MAT 5052

(n, α) Levels
293 Kelvin Cross Sections

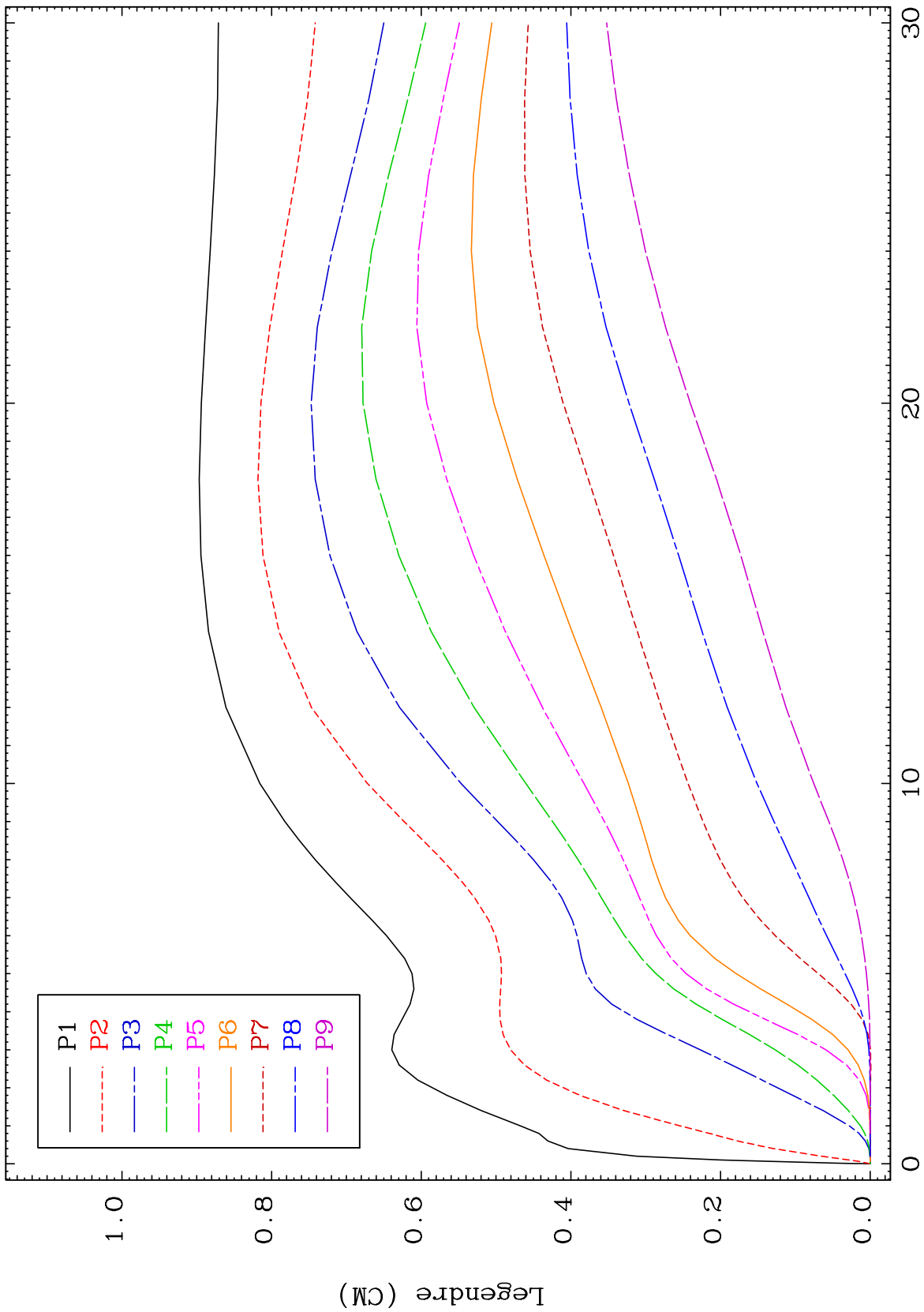
50-Sn-121



MAT 5052

Elastic Legendre Coefficients

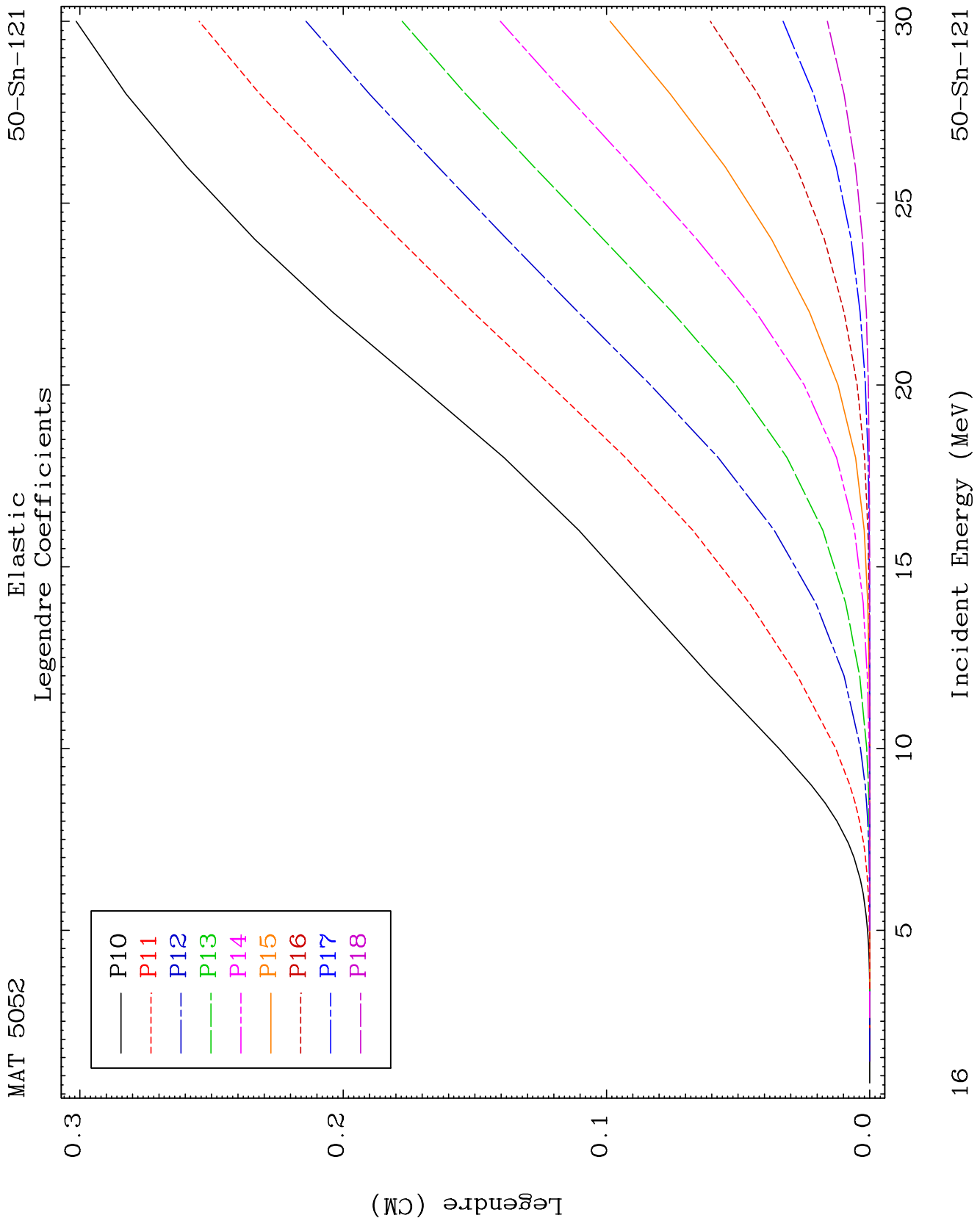
50-Sn-121



50-Sn-121

Incident Energy (MeV)

15



MAT 5052

Elastic Legendre Coefficients

50-Sn-121

16

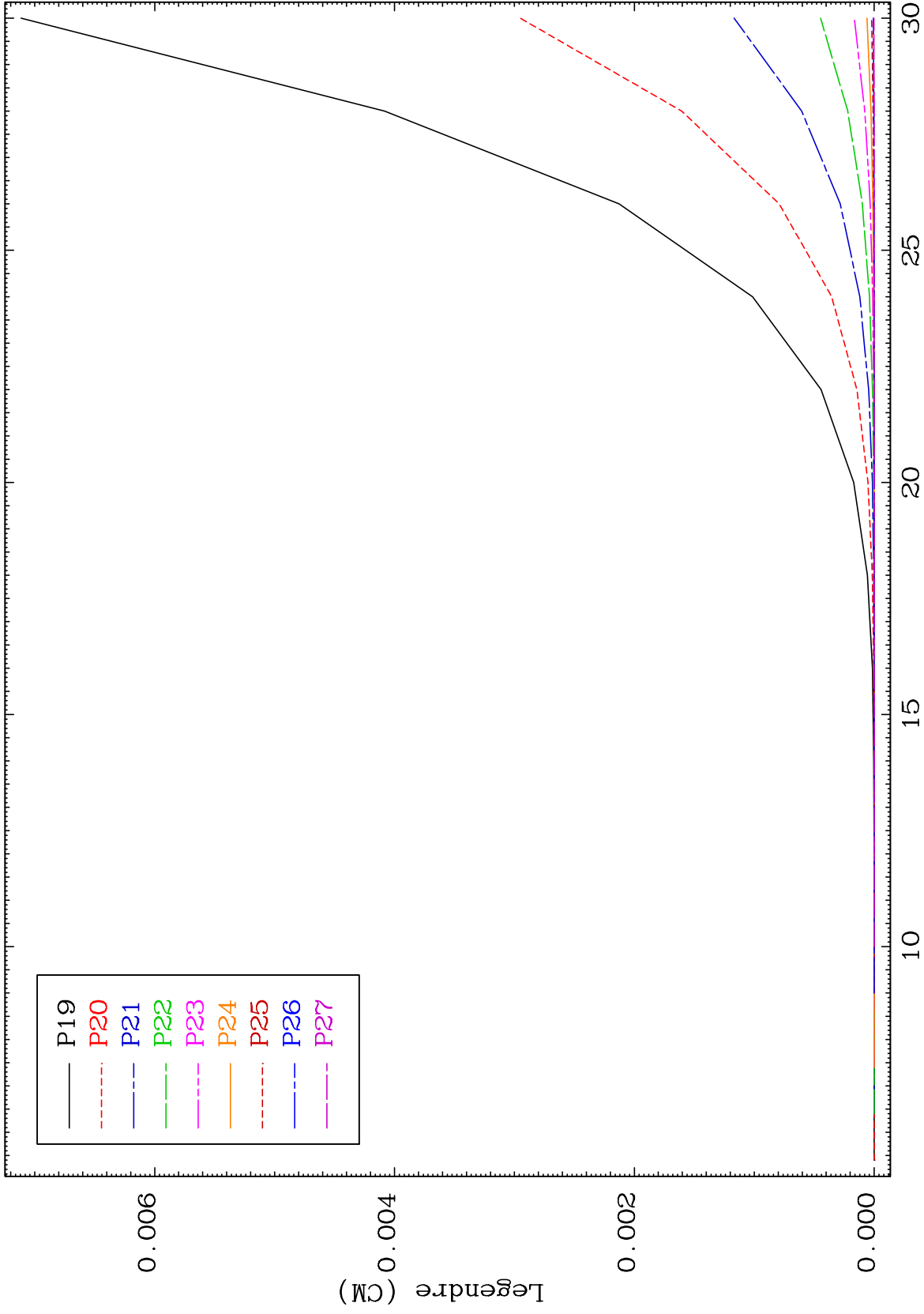
Incident Energy (MeV)

50-Sn-121

MAT 5052

Elastic
Legendre Coefficients

50-Sn-121



17

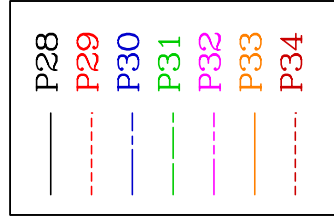
Incident Energy (MeV)

50-Sn-121

MAT 5052

Elastic Legendre Coefficients

50-Sn-121

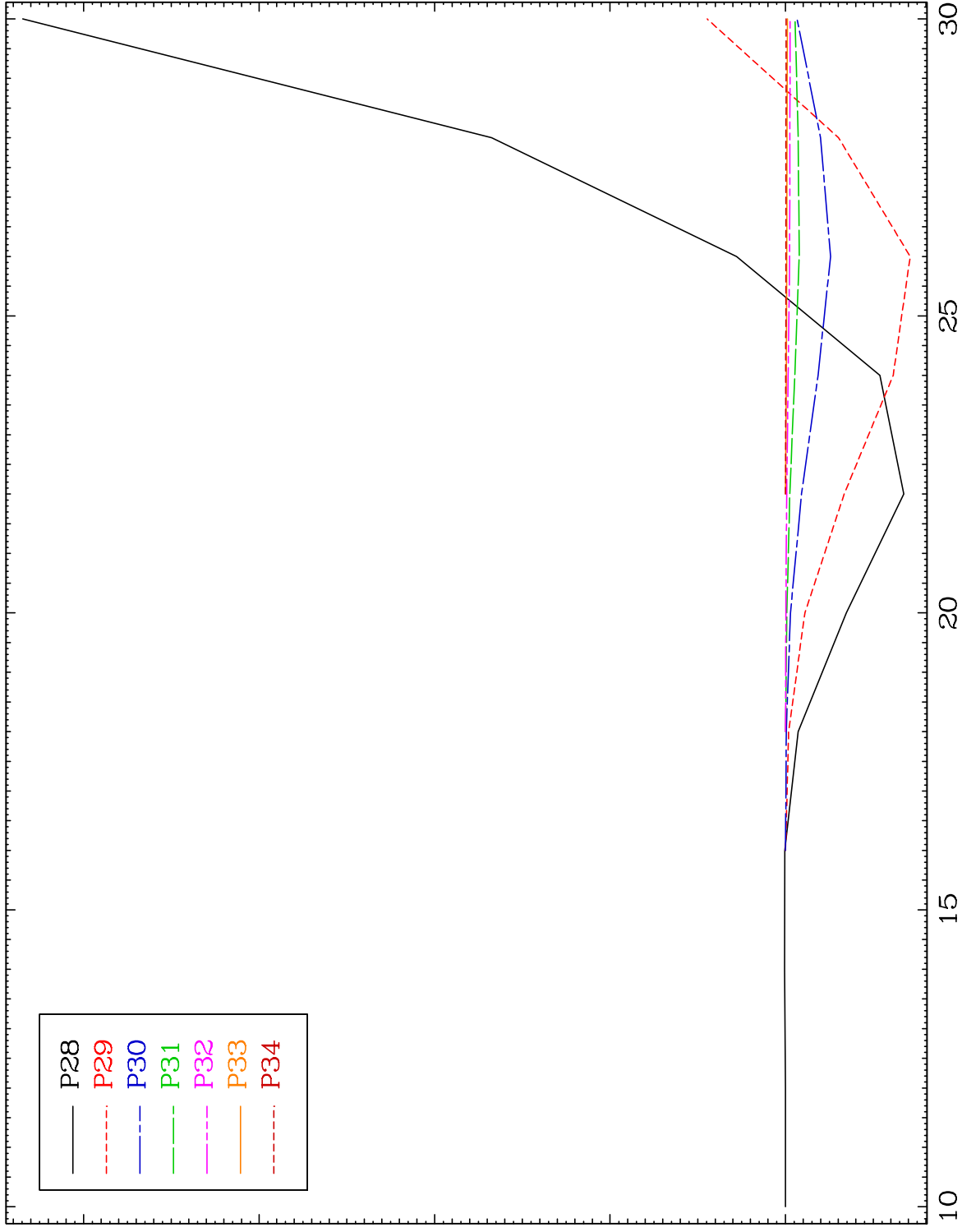


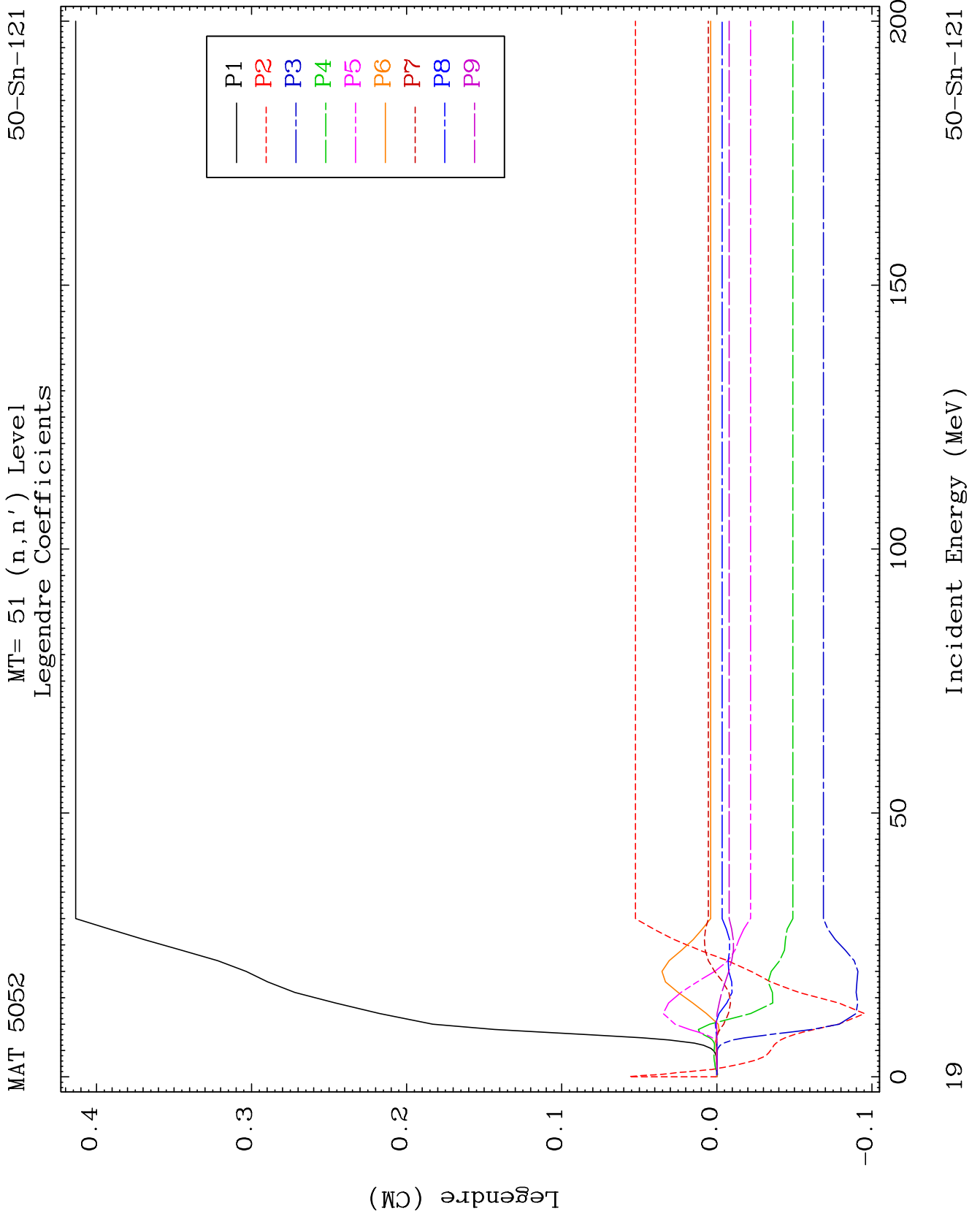
$\times 10^{-7}$

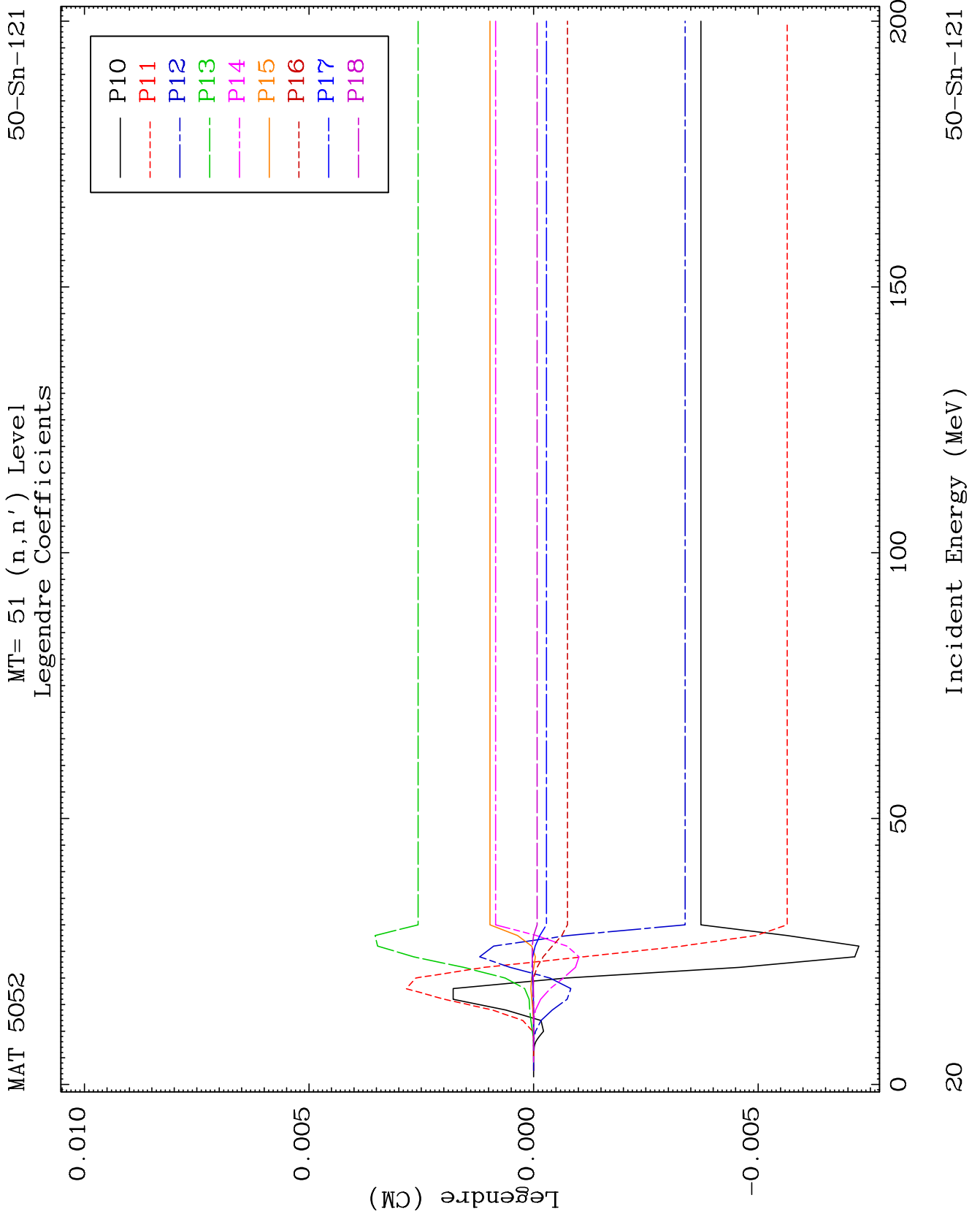
Legendre (CM)

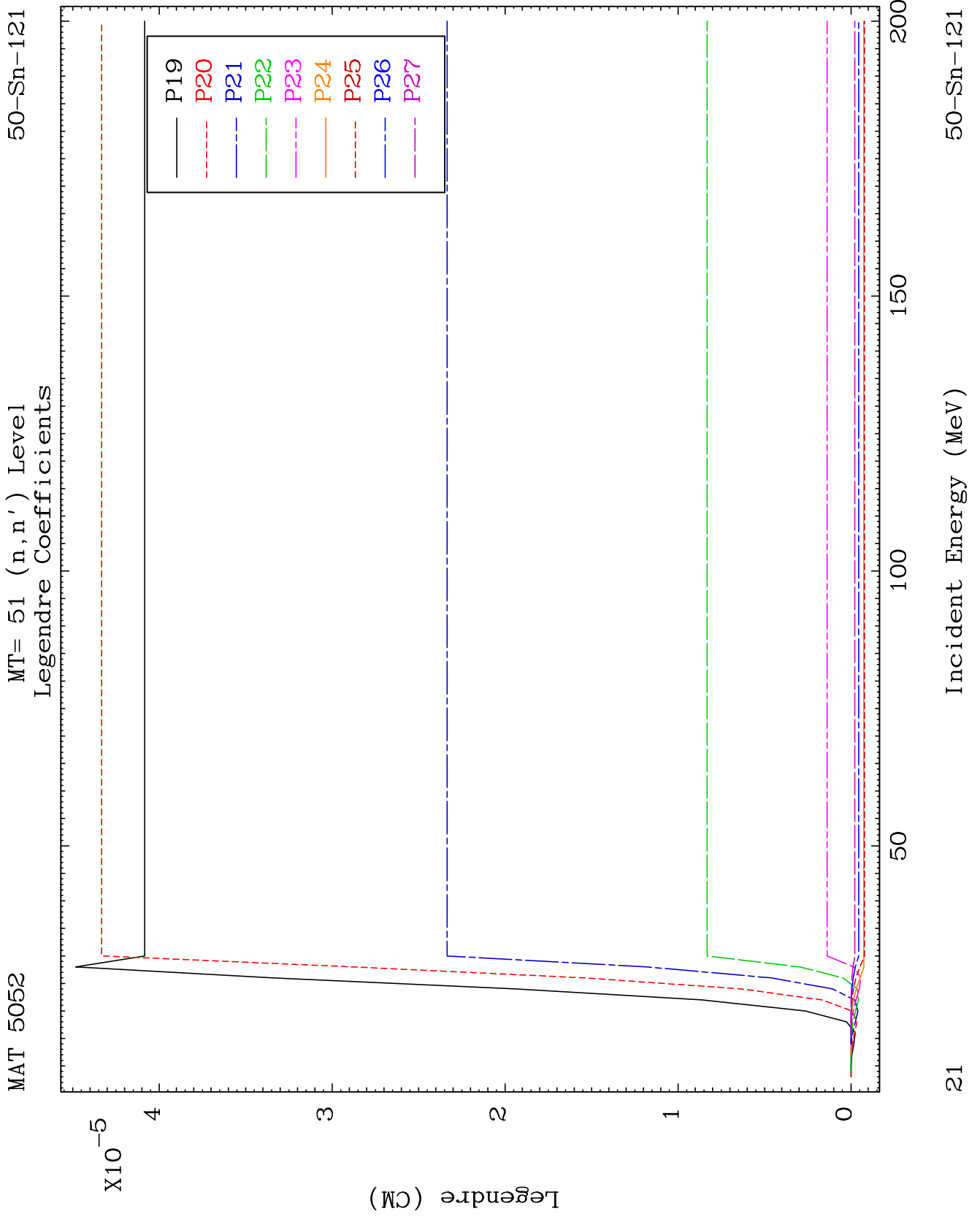
Incident Energy (MeV)

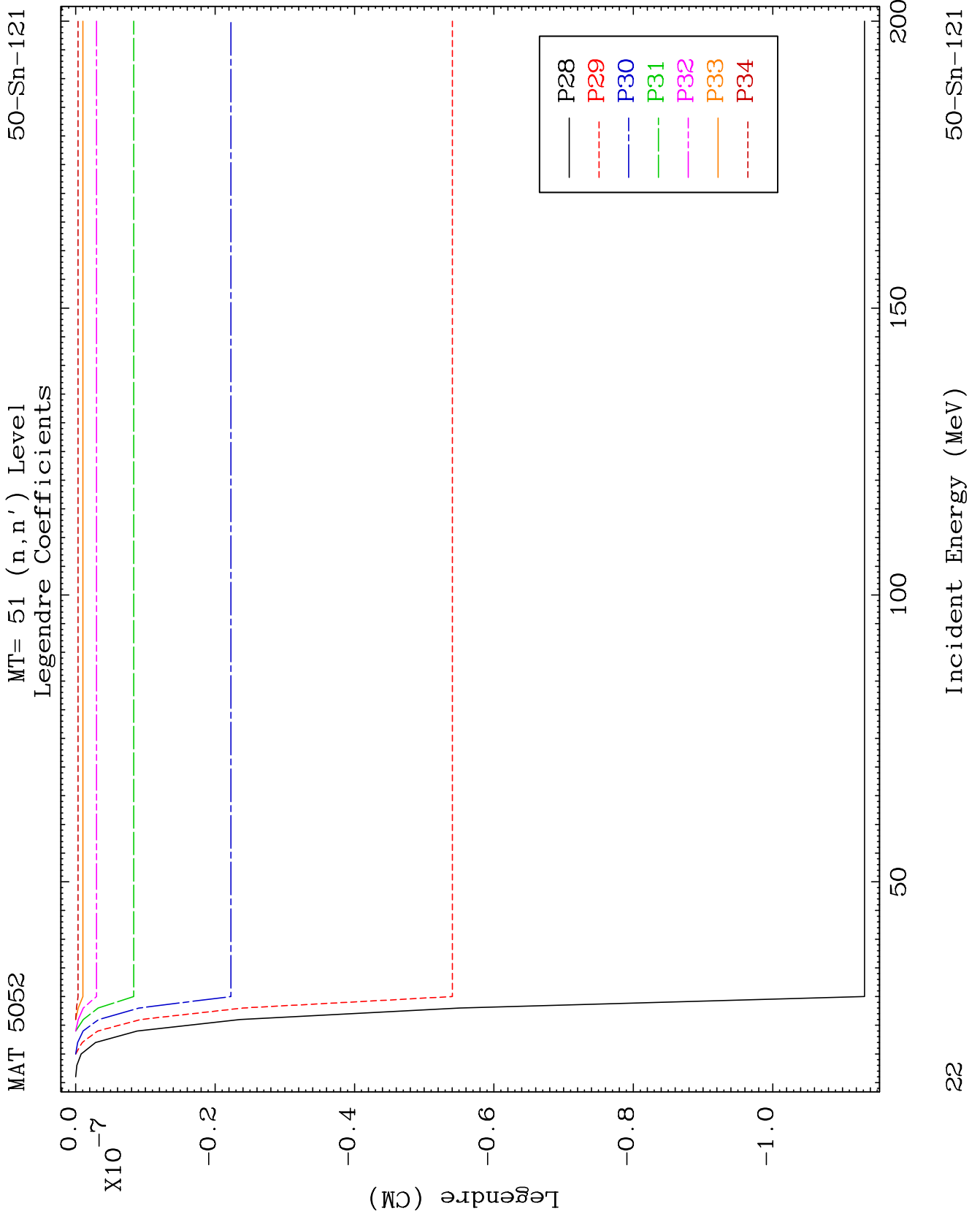
50-Sn-121

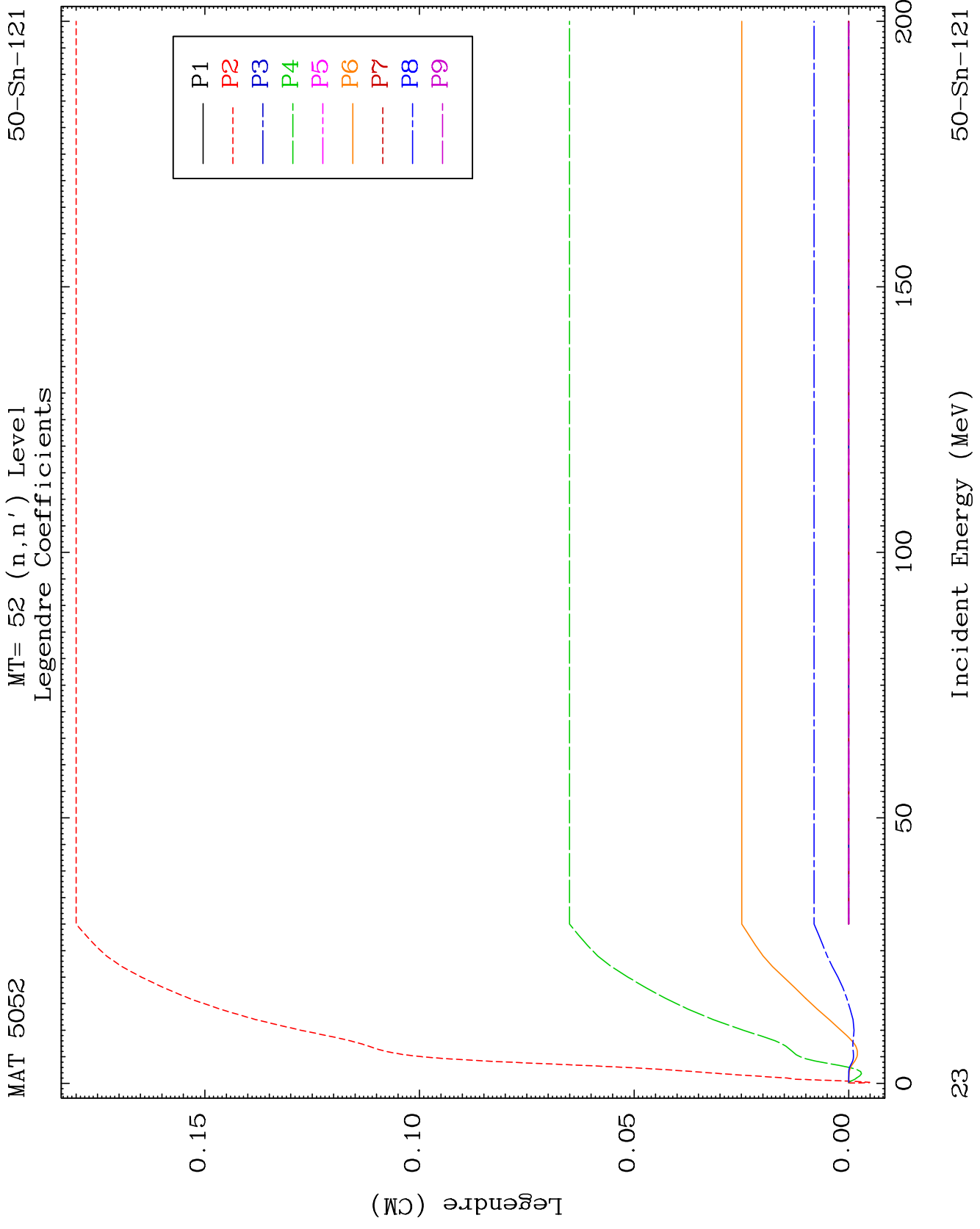








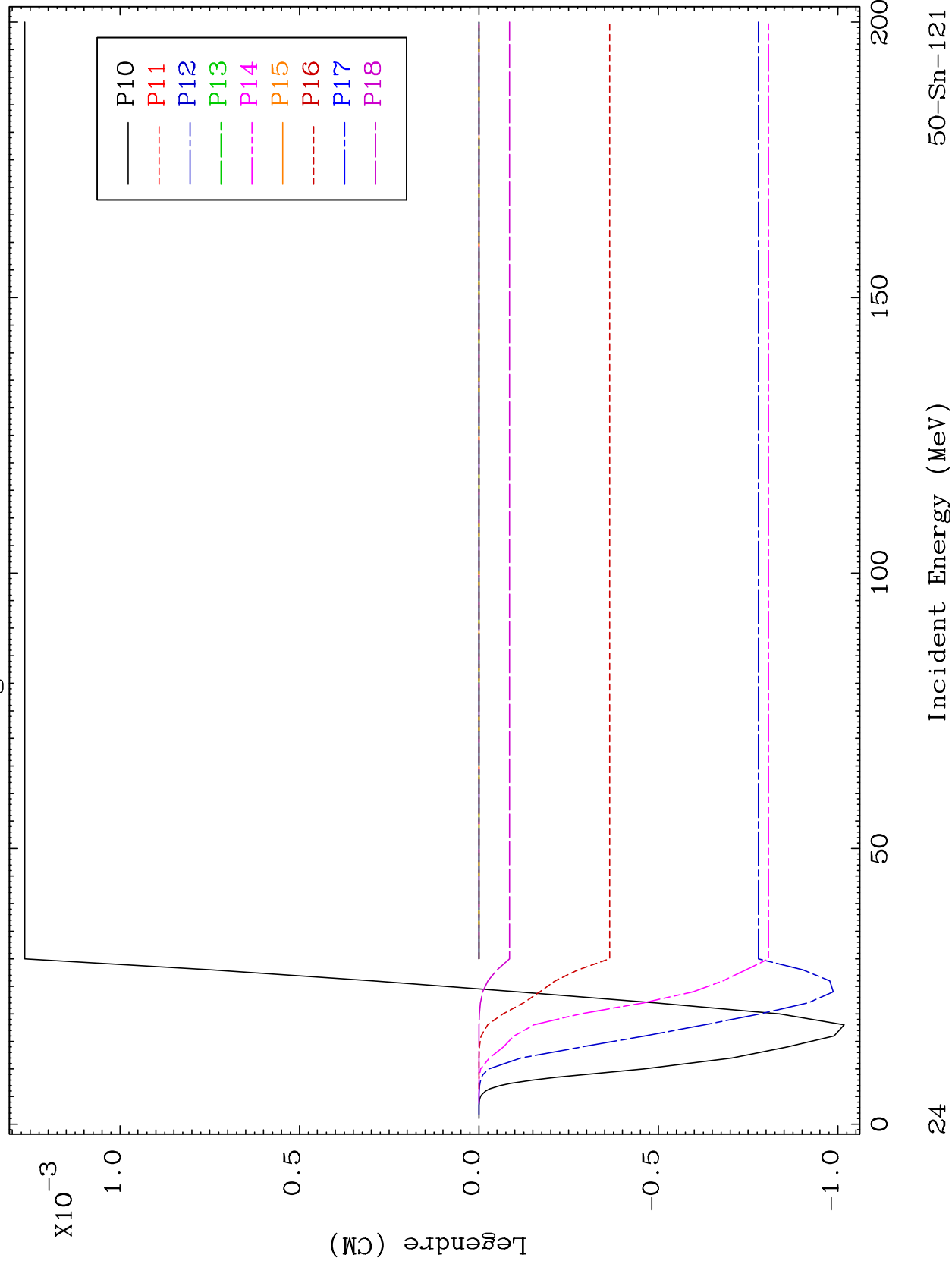




MAT 5052

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

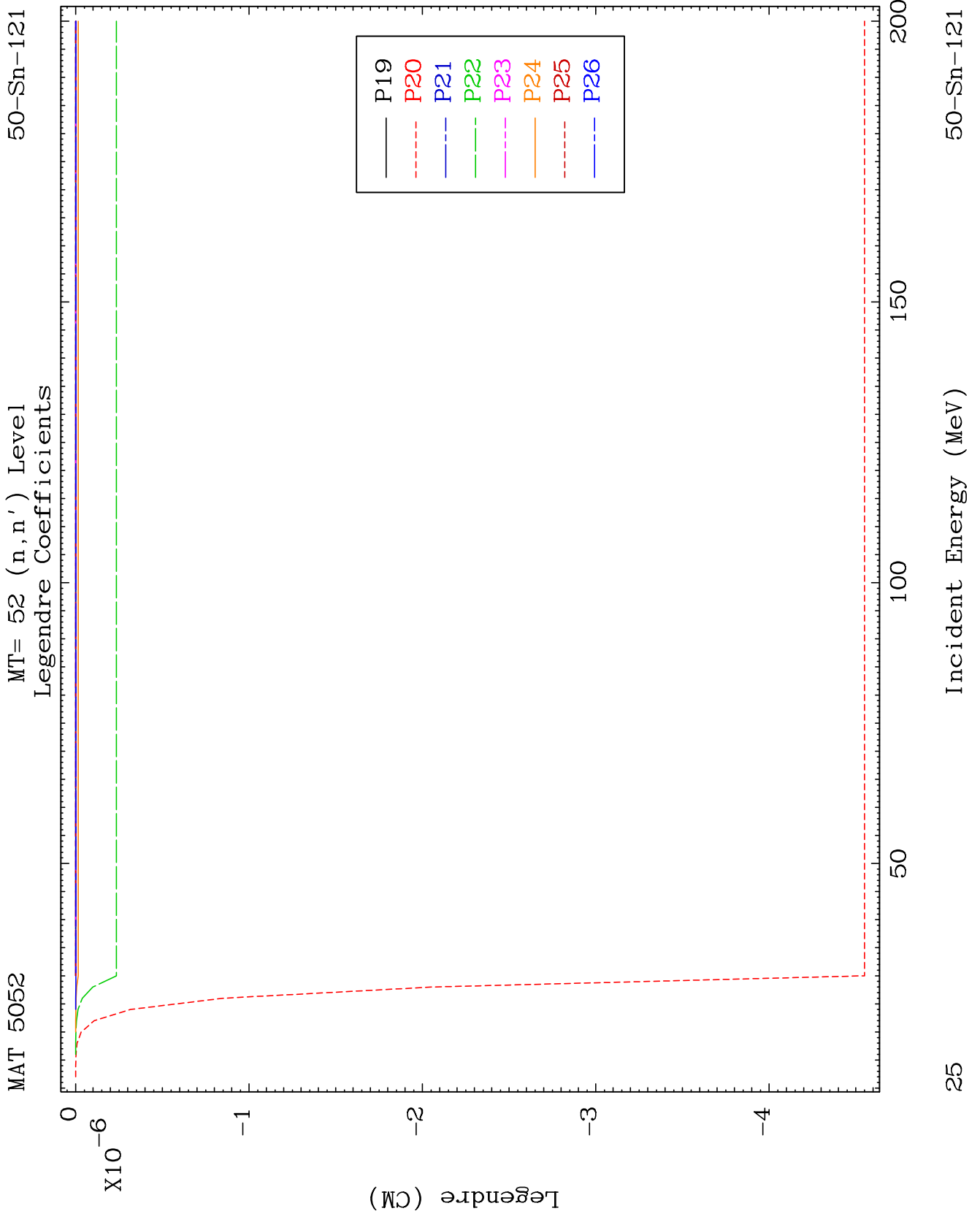
50-Sn-121



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Incident Energy (MeV)

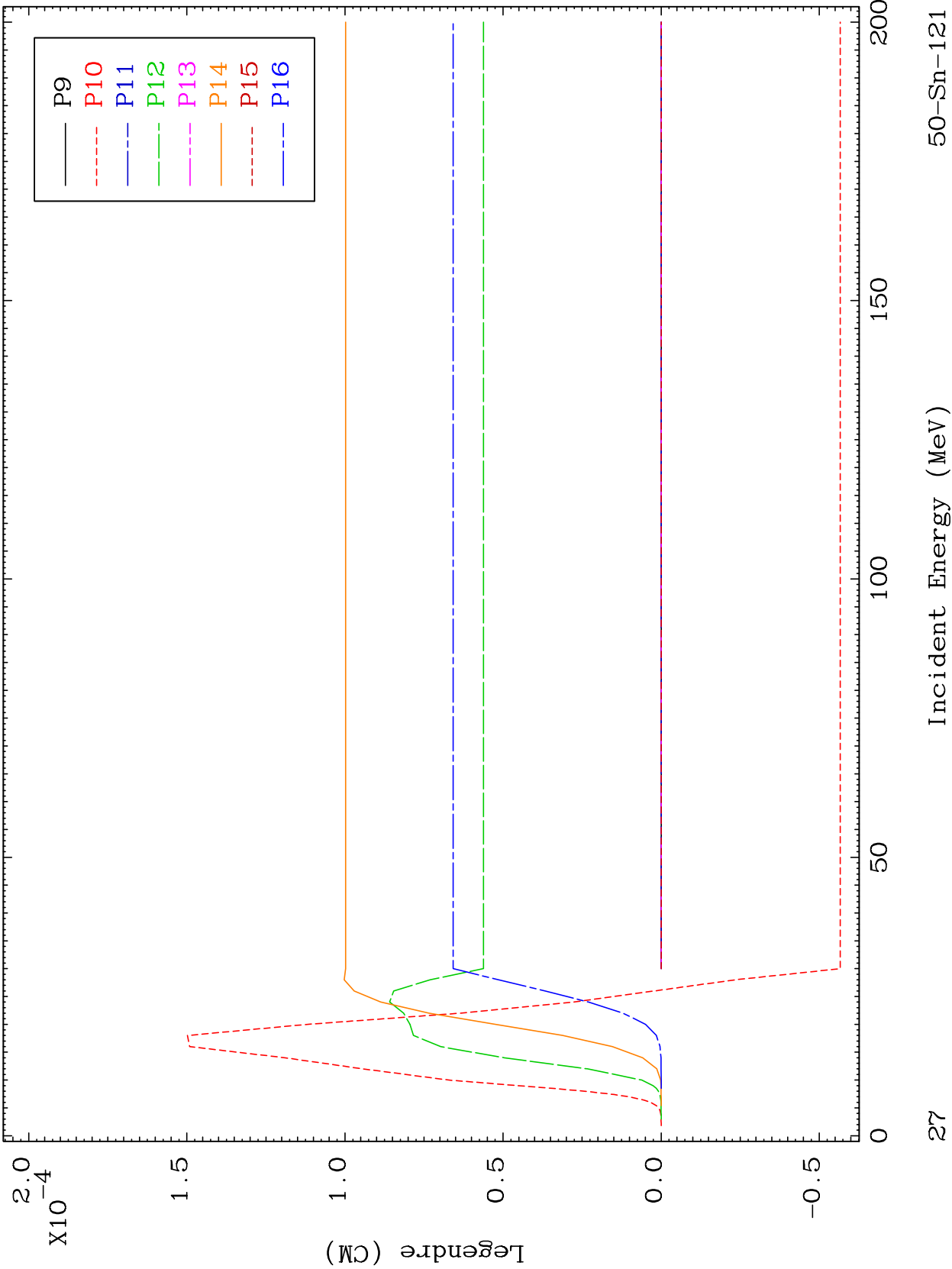
50-Sn-121



MAT 5052

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

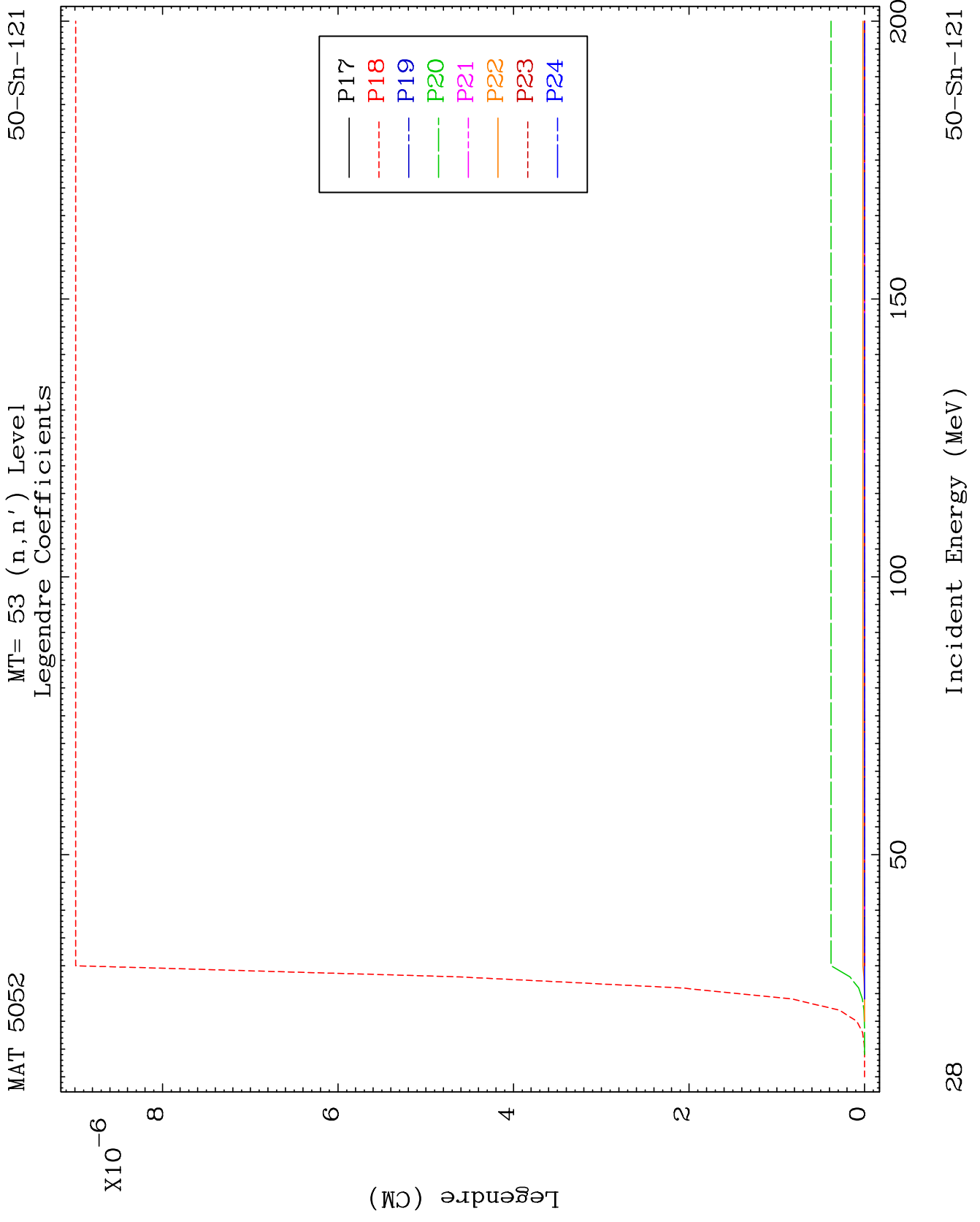
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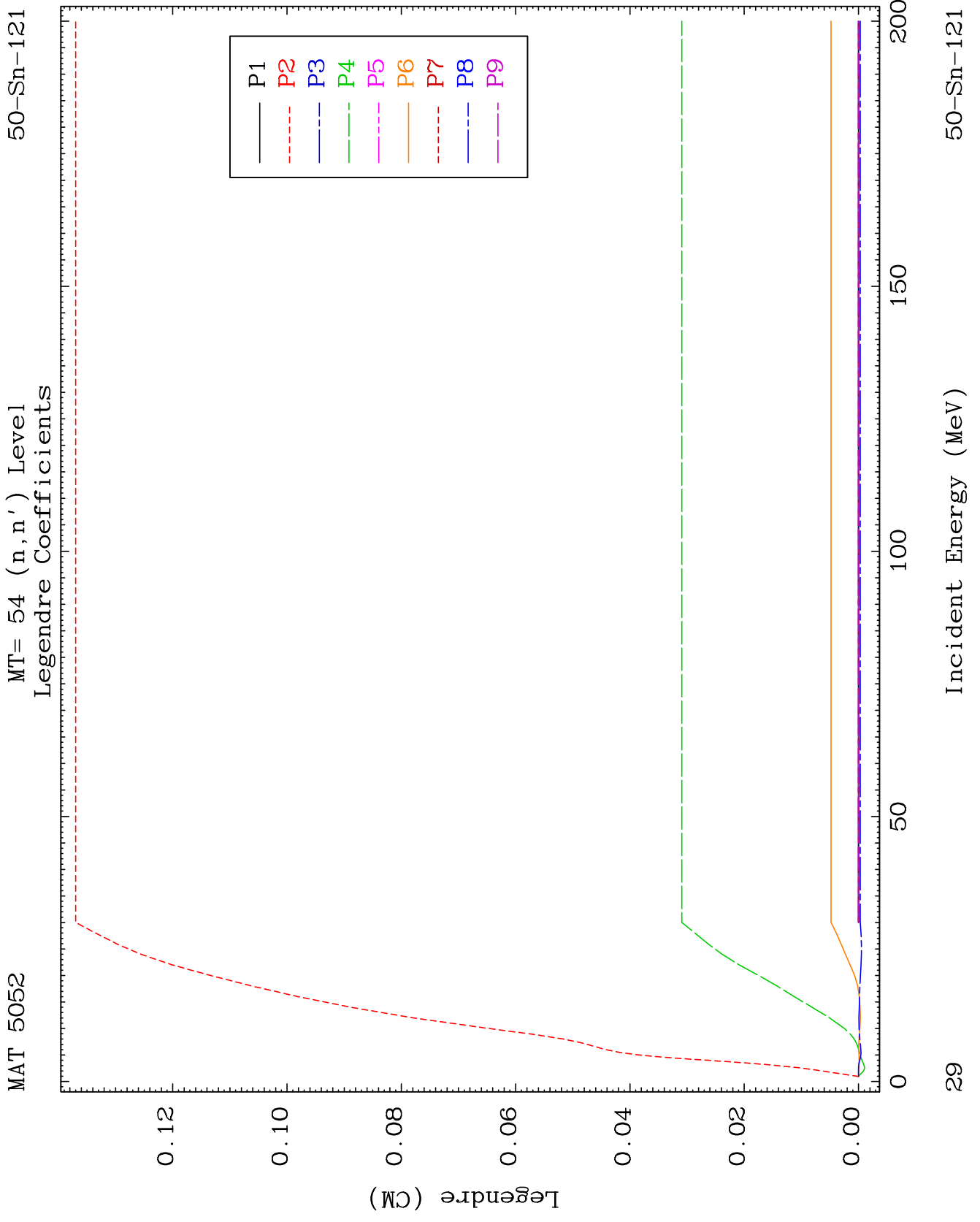


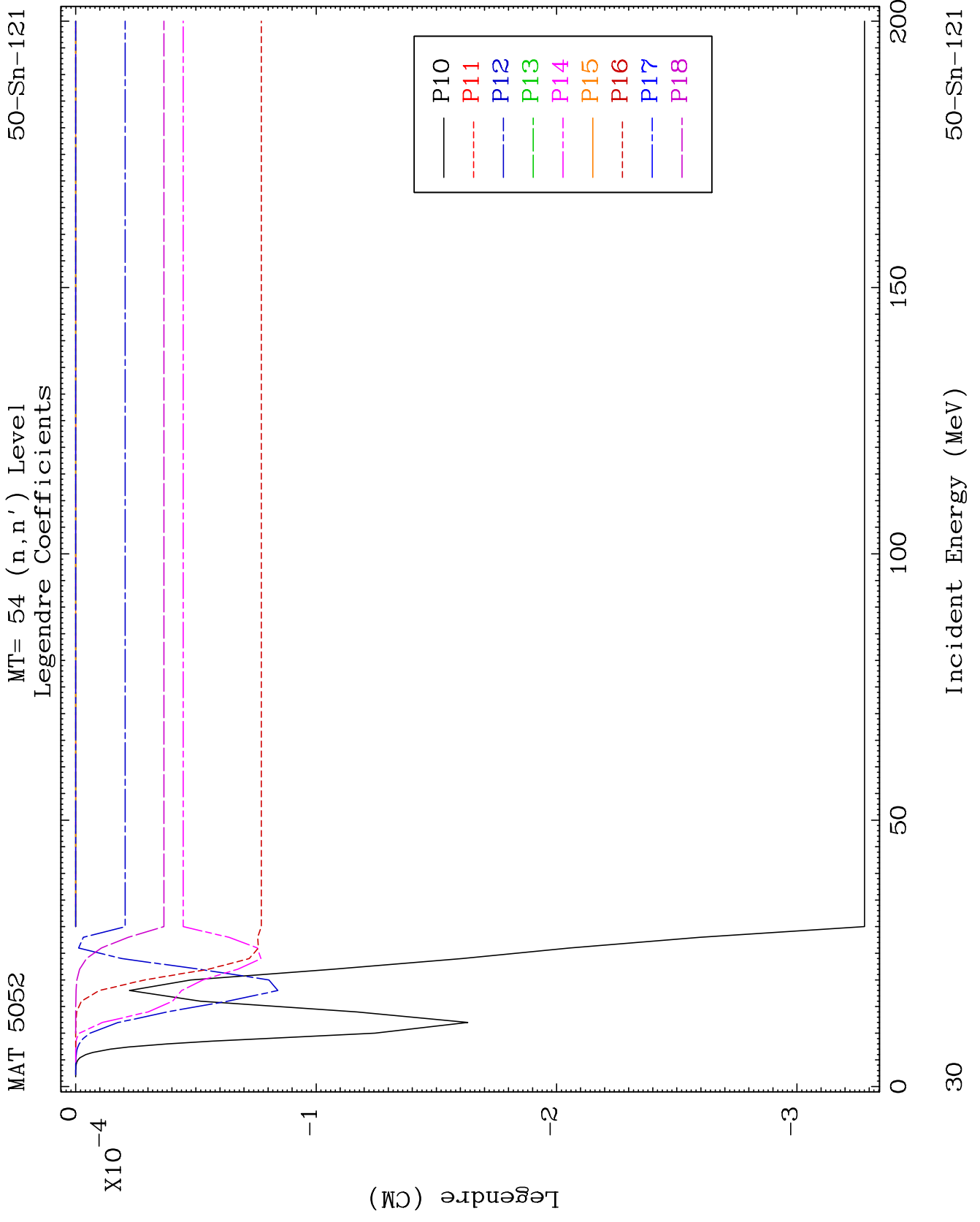
27

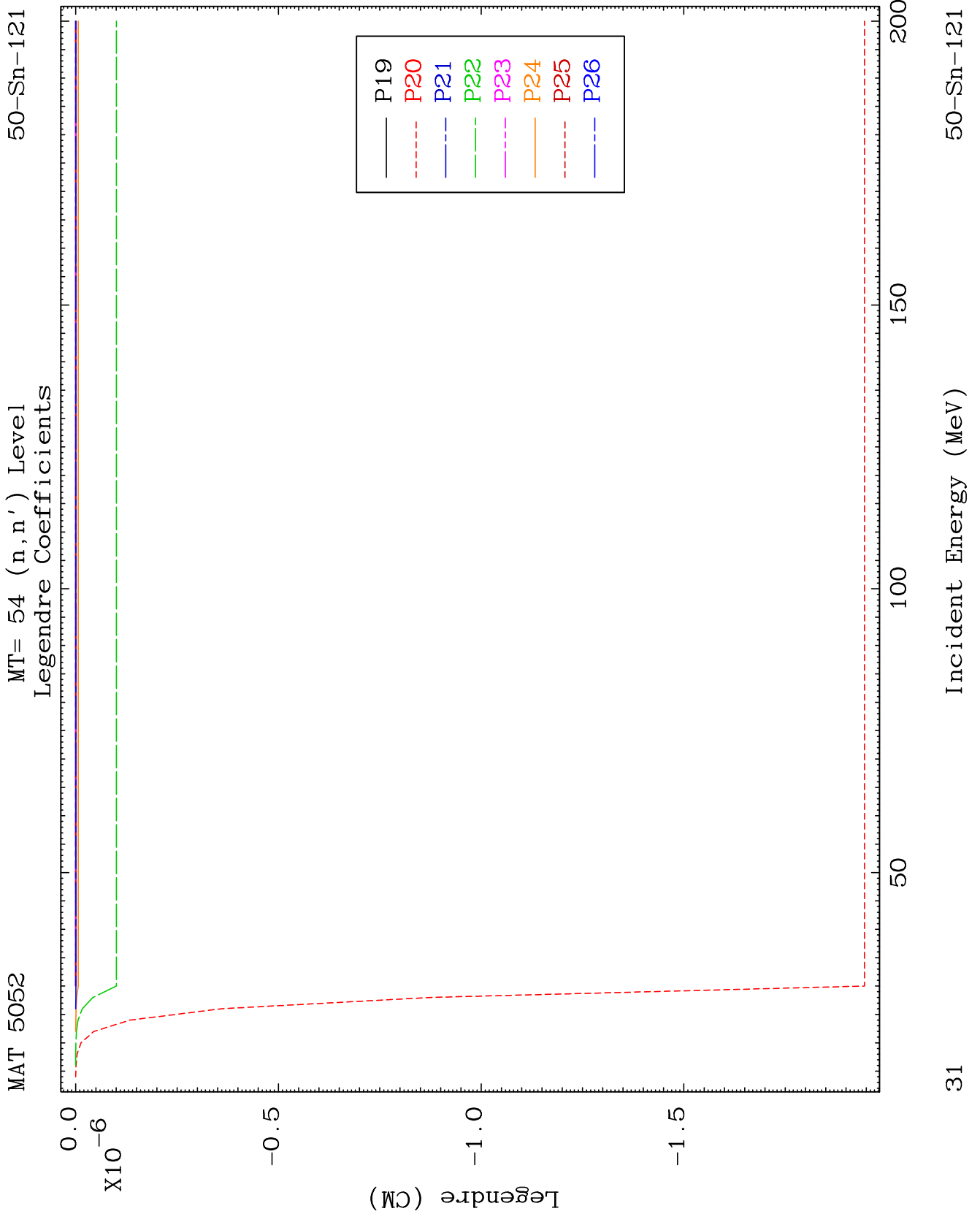
Incident Energy (MeV)

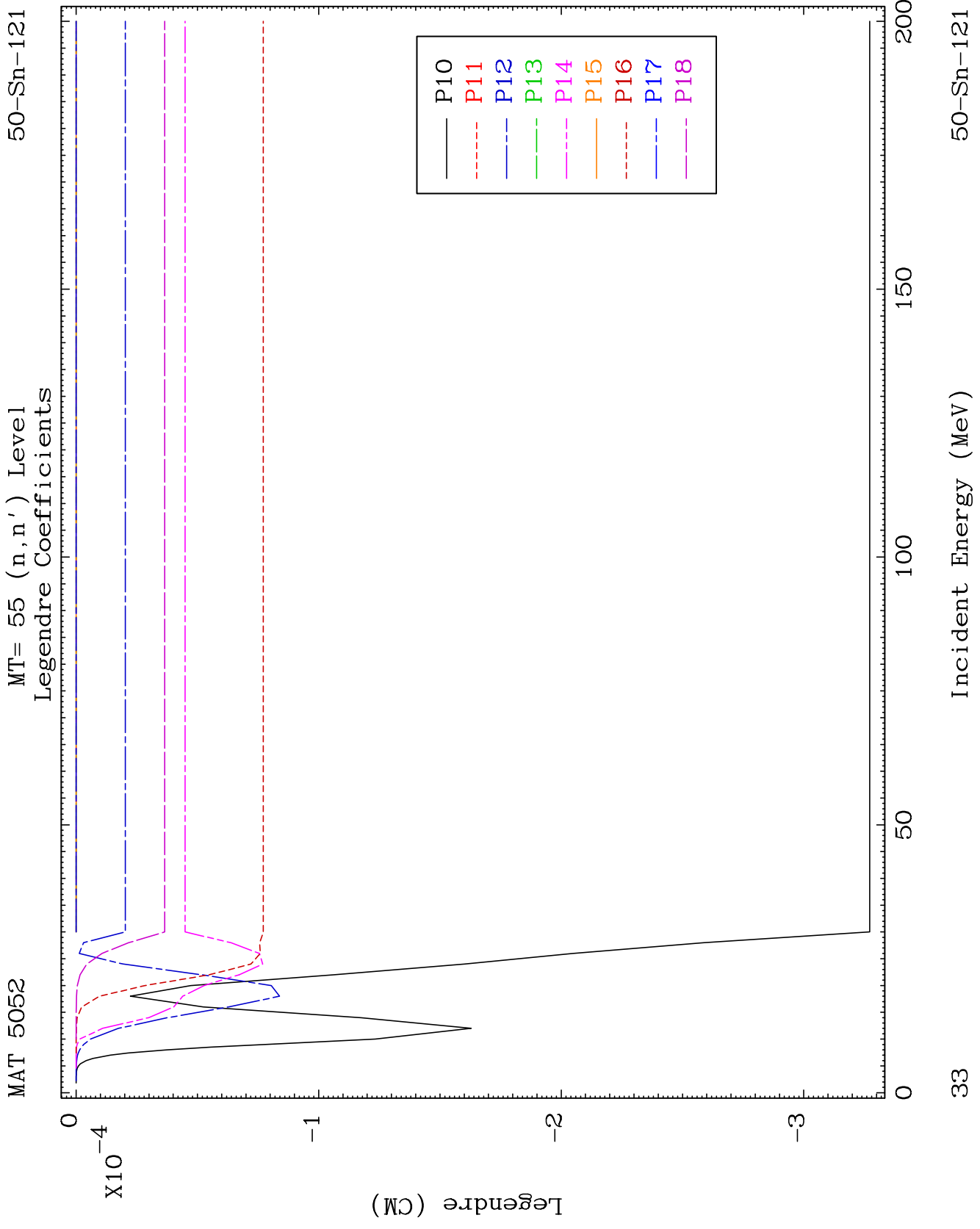
50-Sn-121

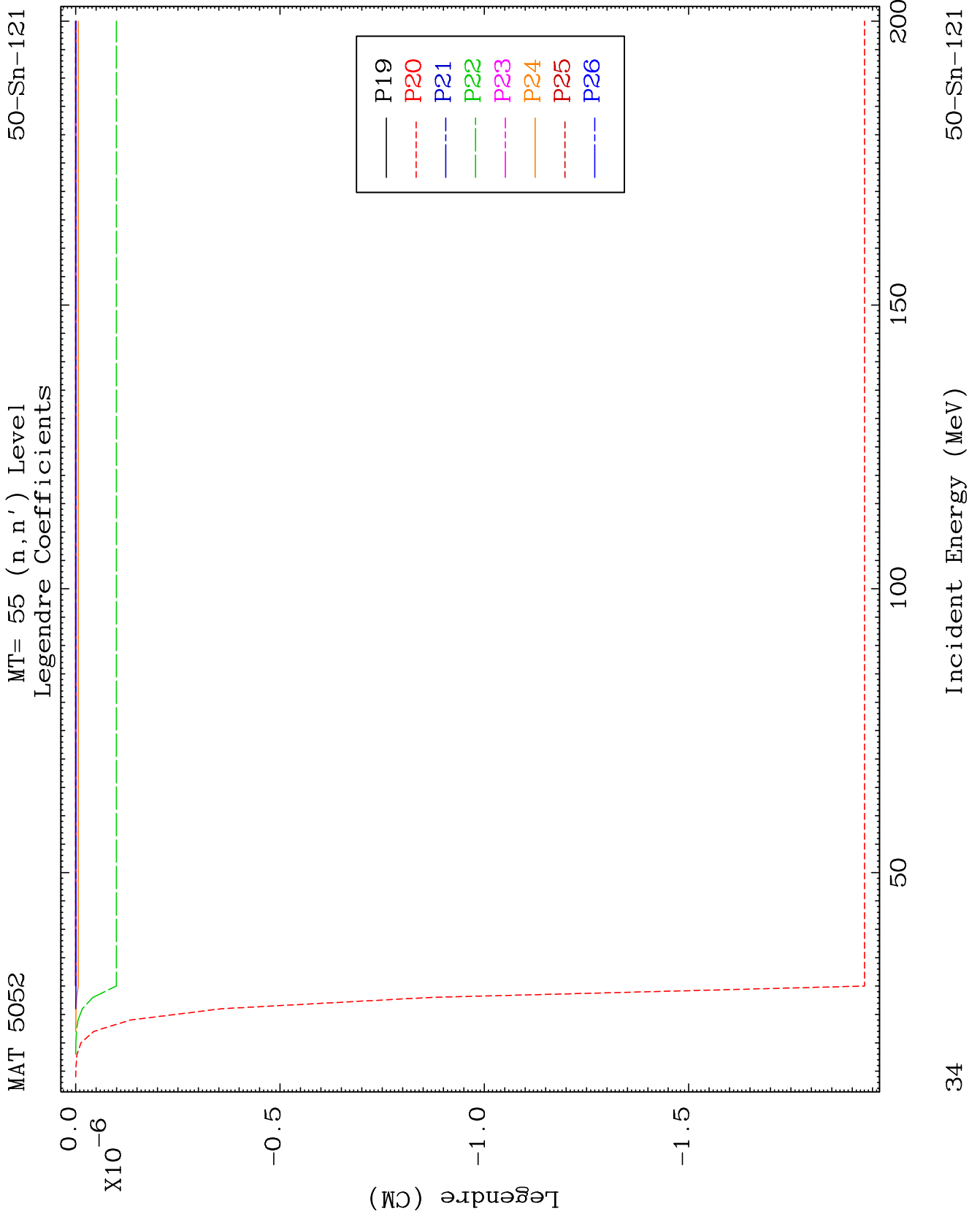


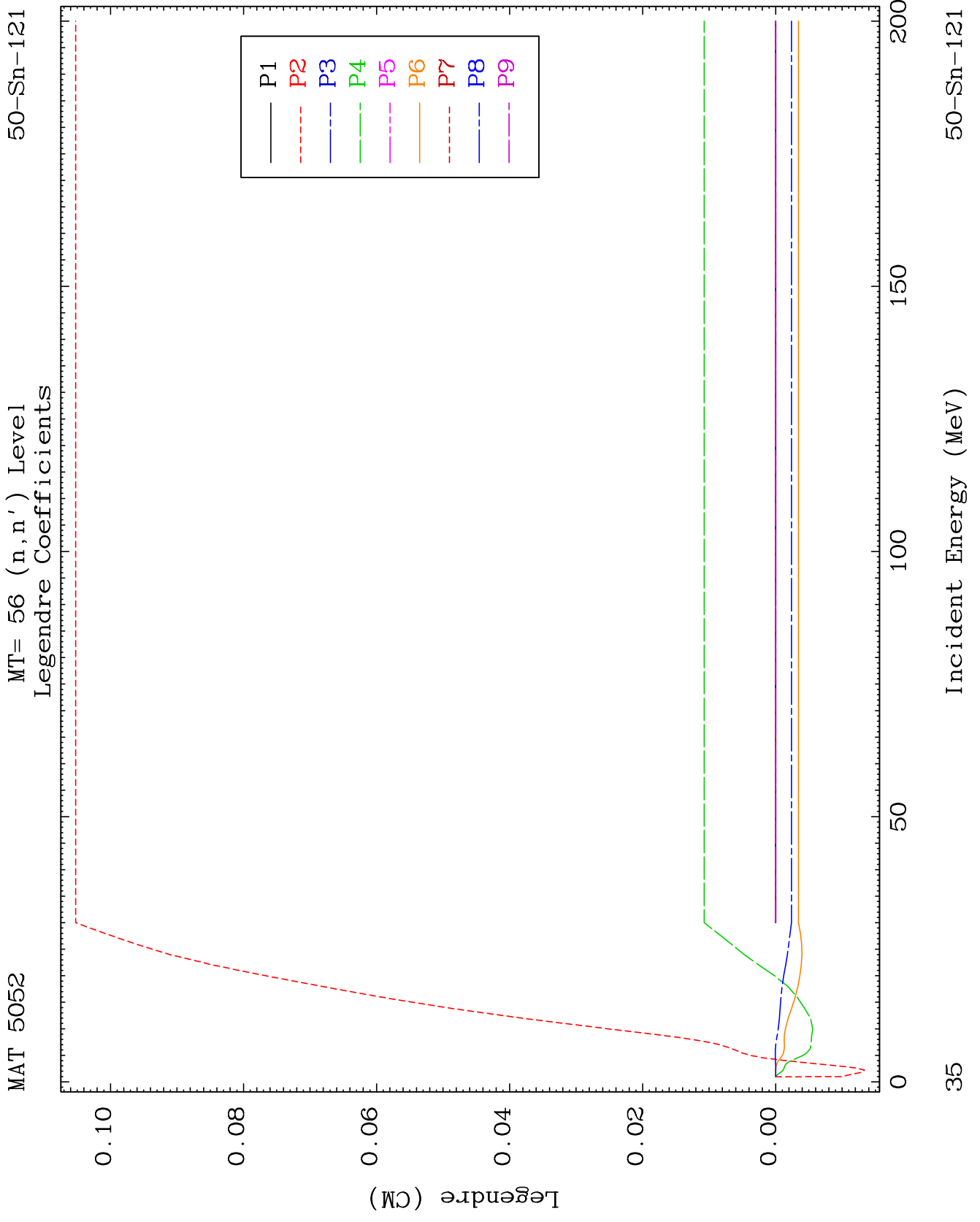


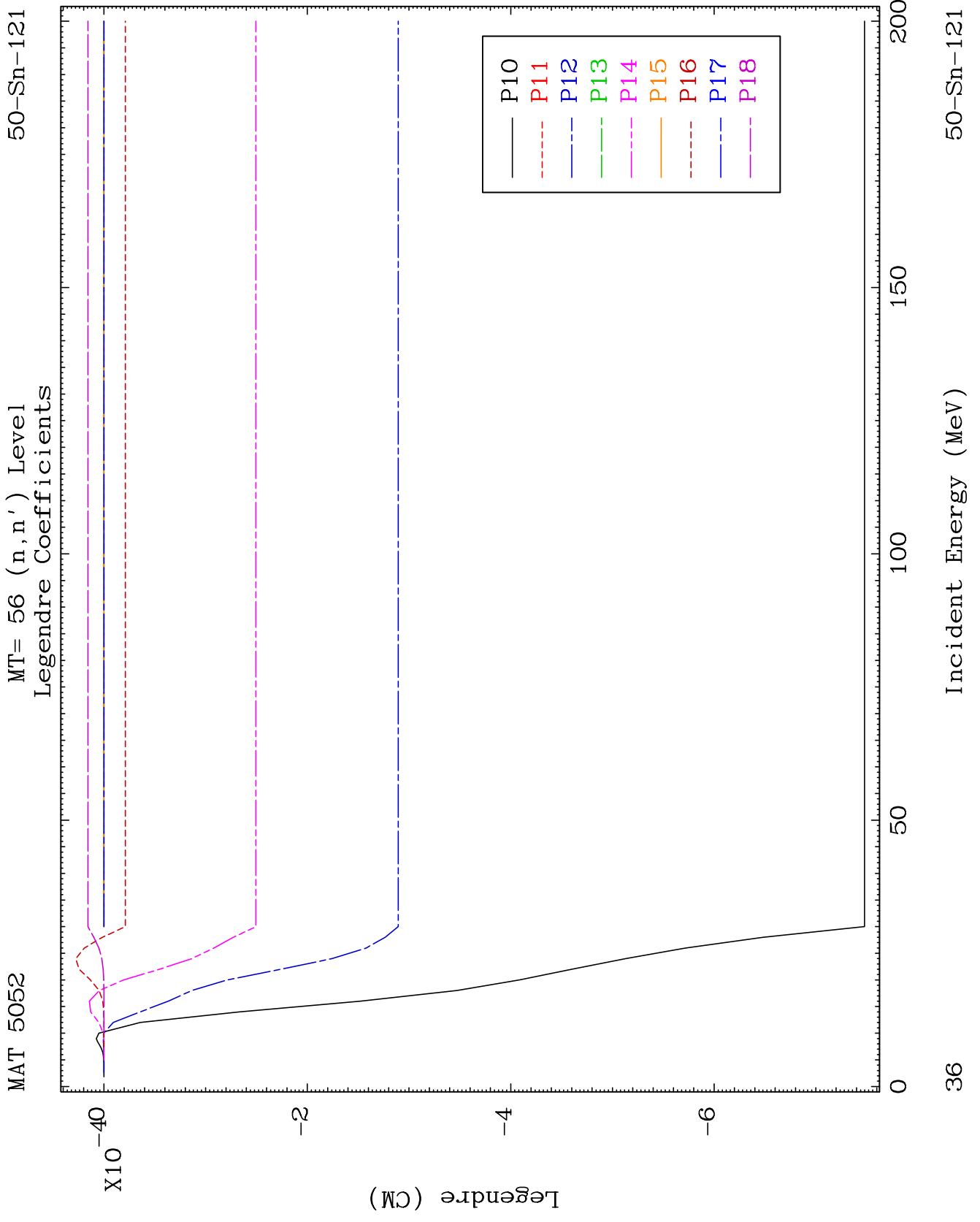


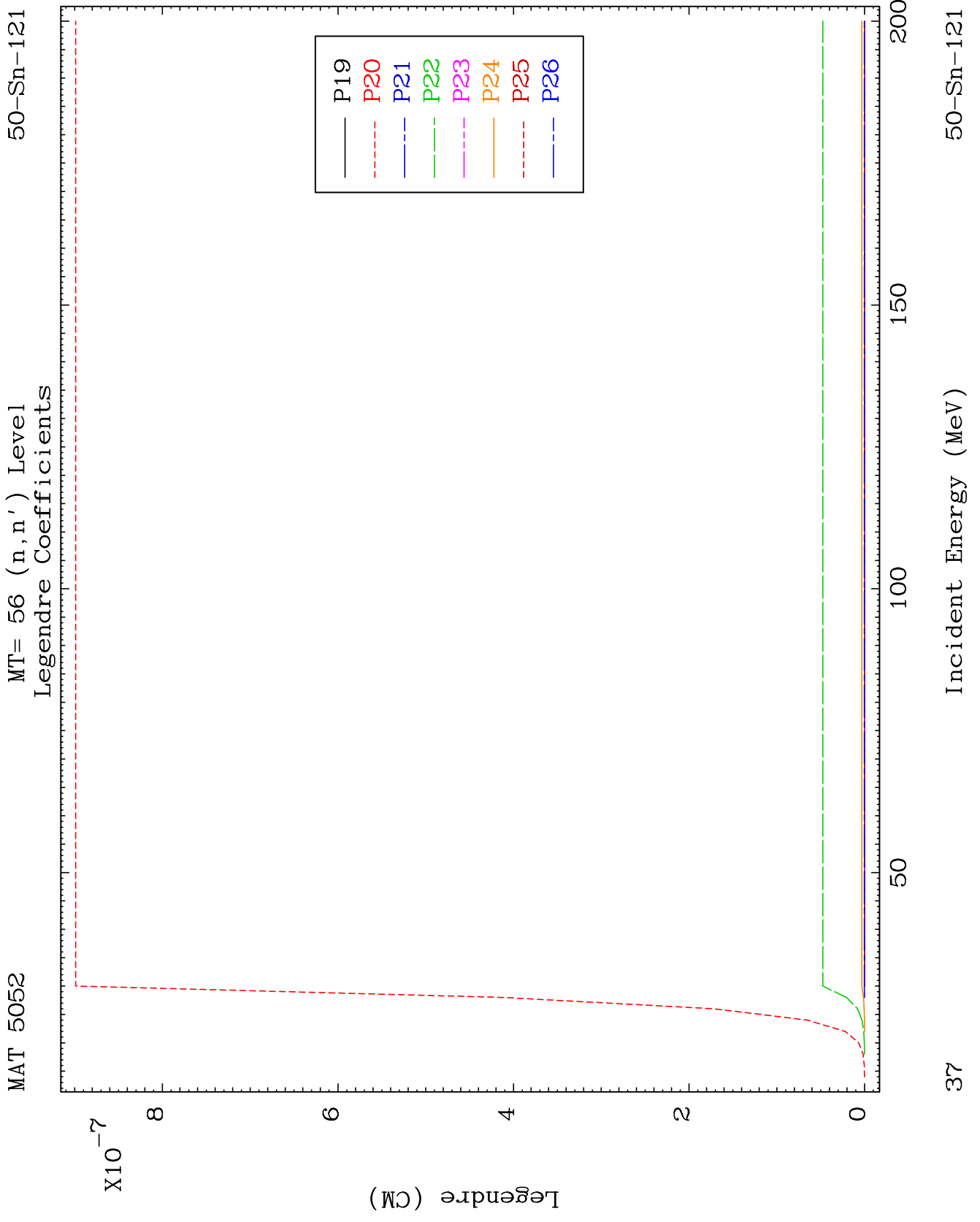


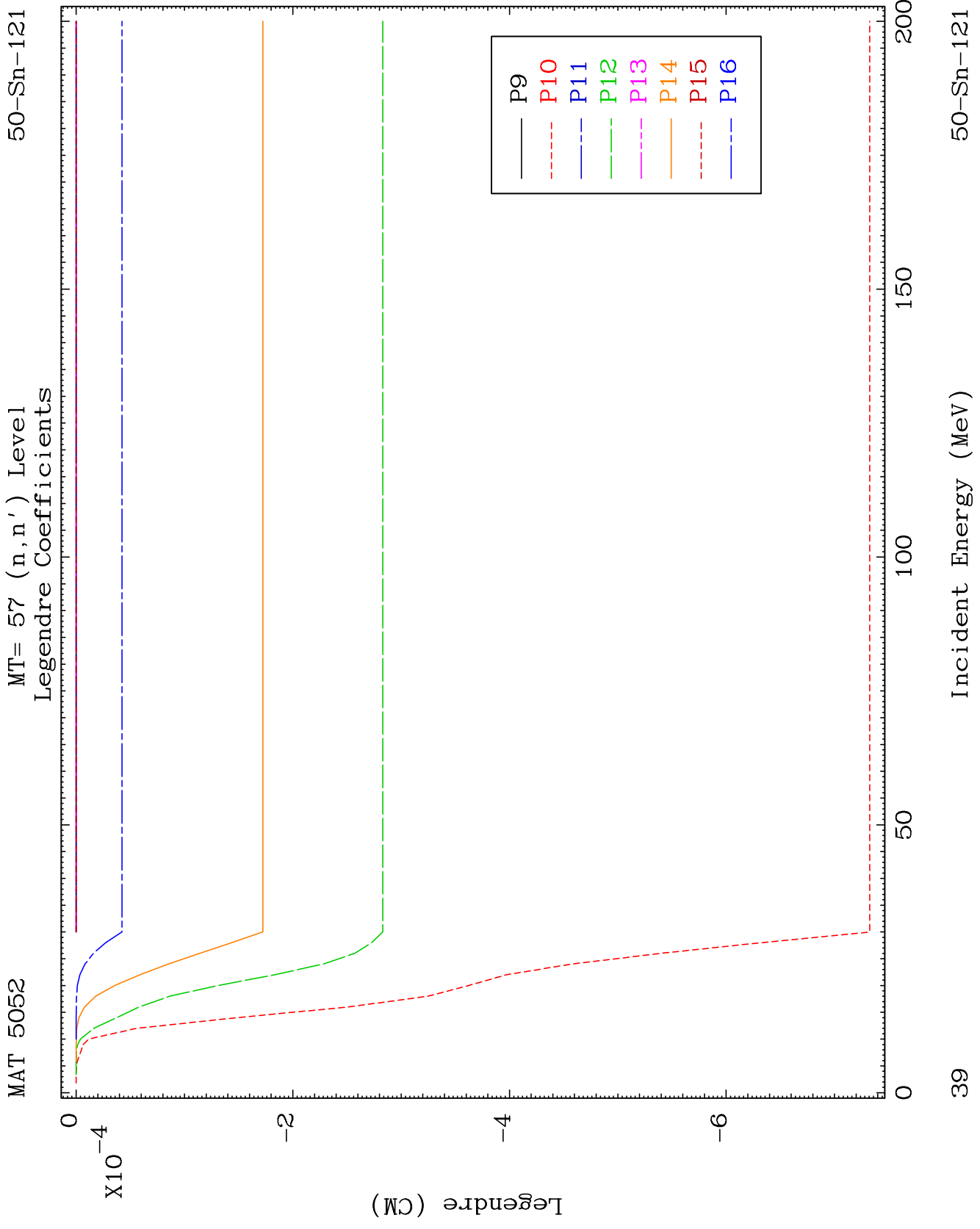


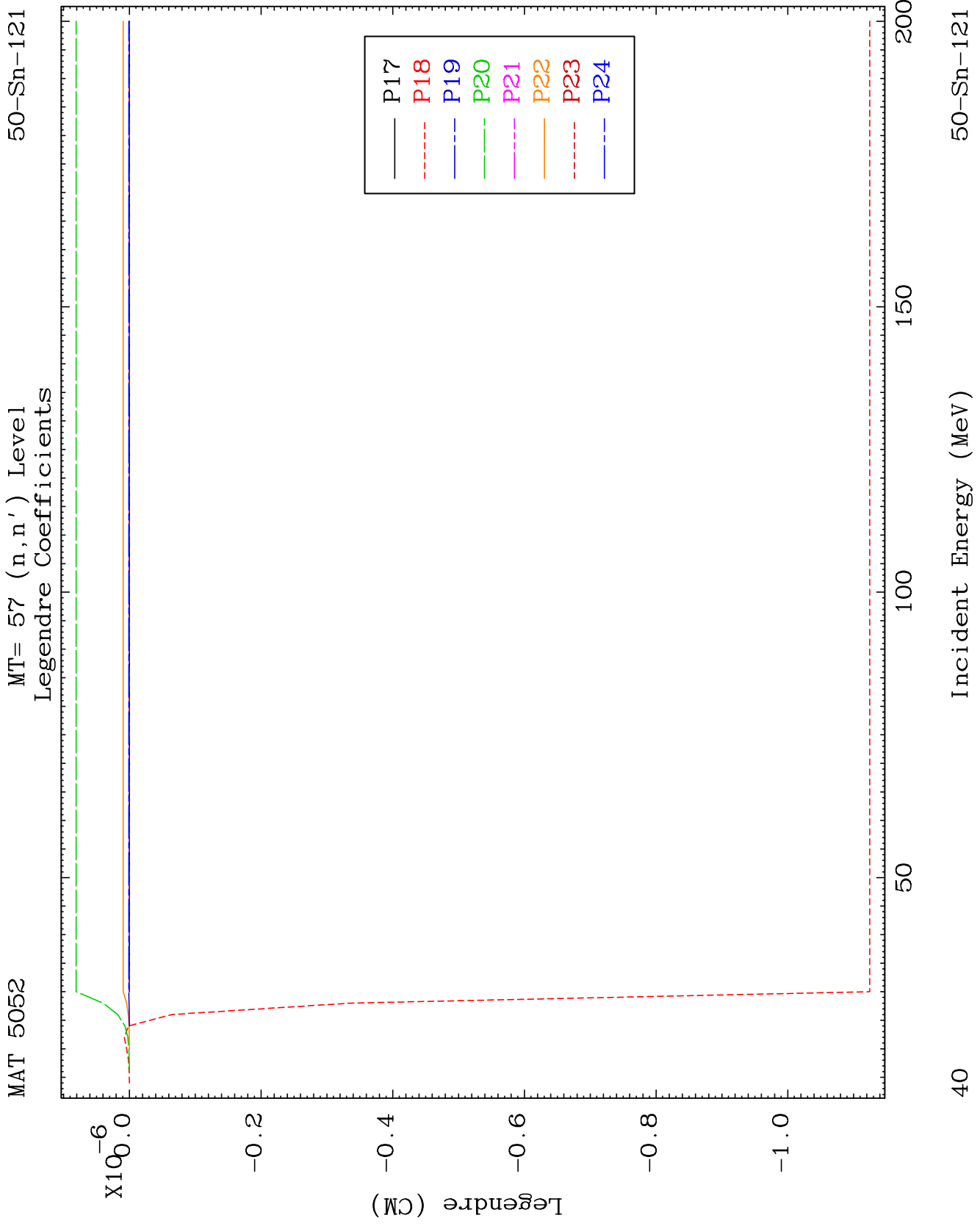








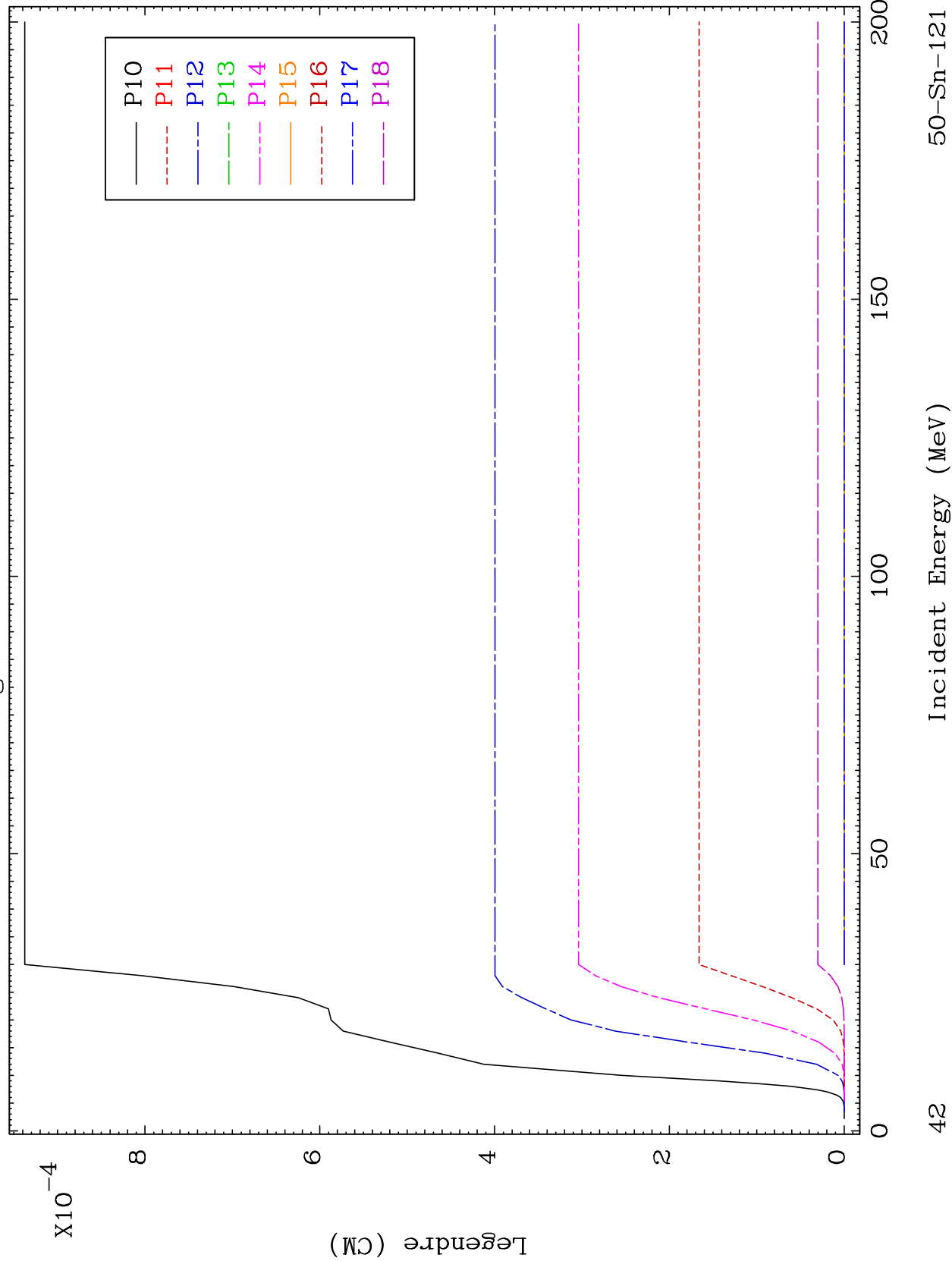




MAT 5052

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

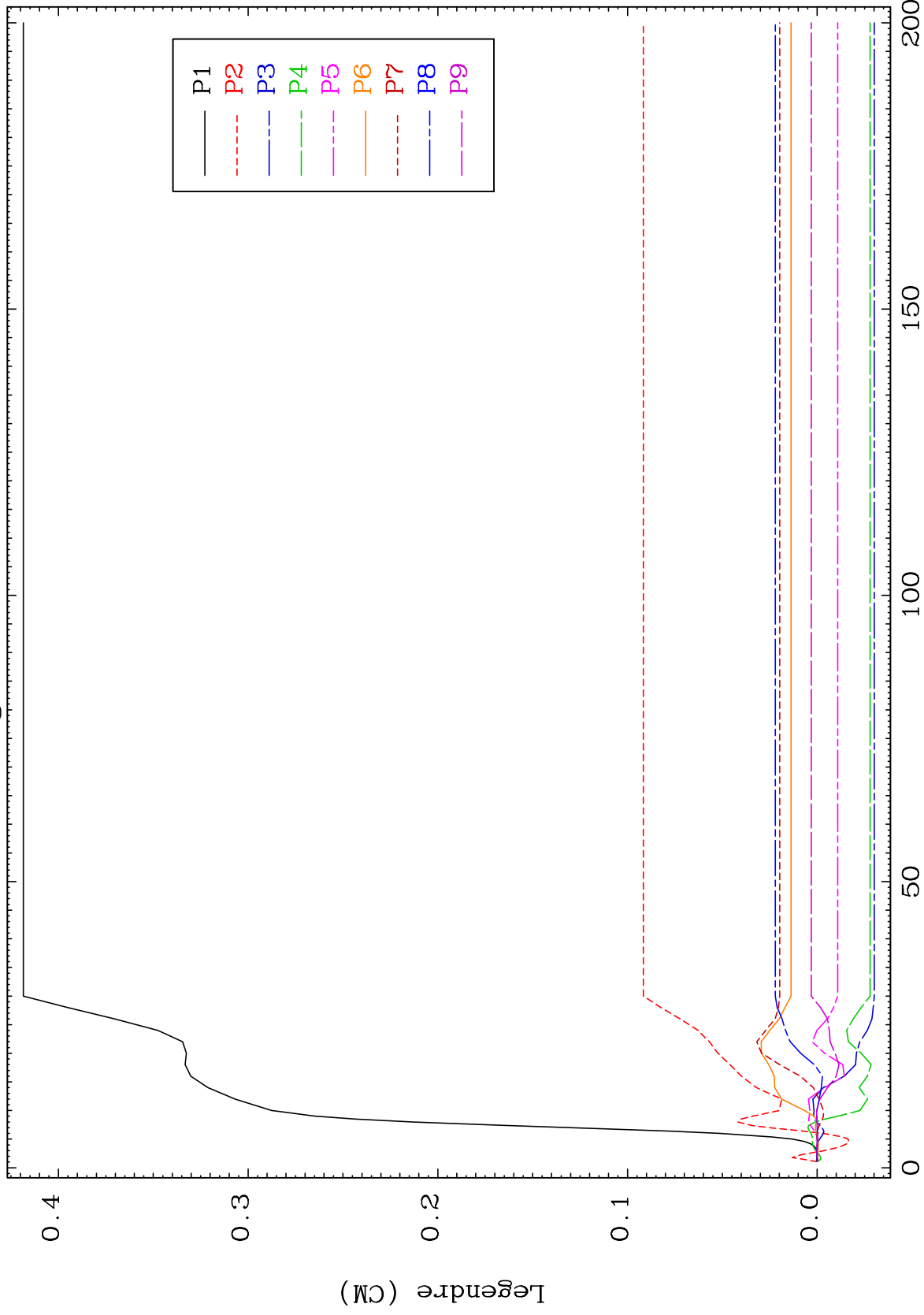
50-Sn-121



MAT 5052

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

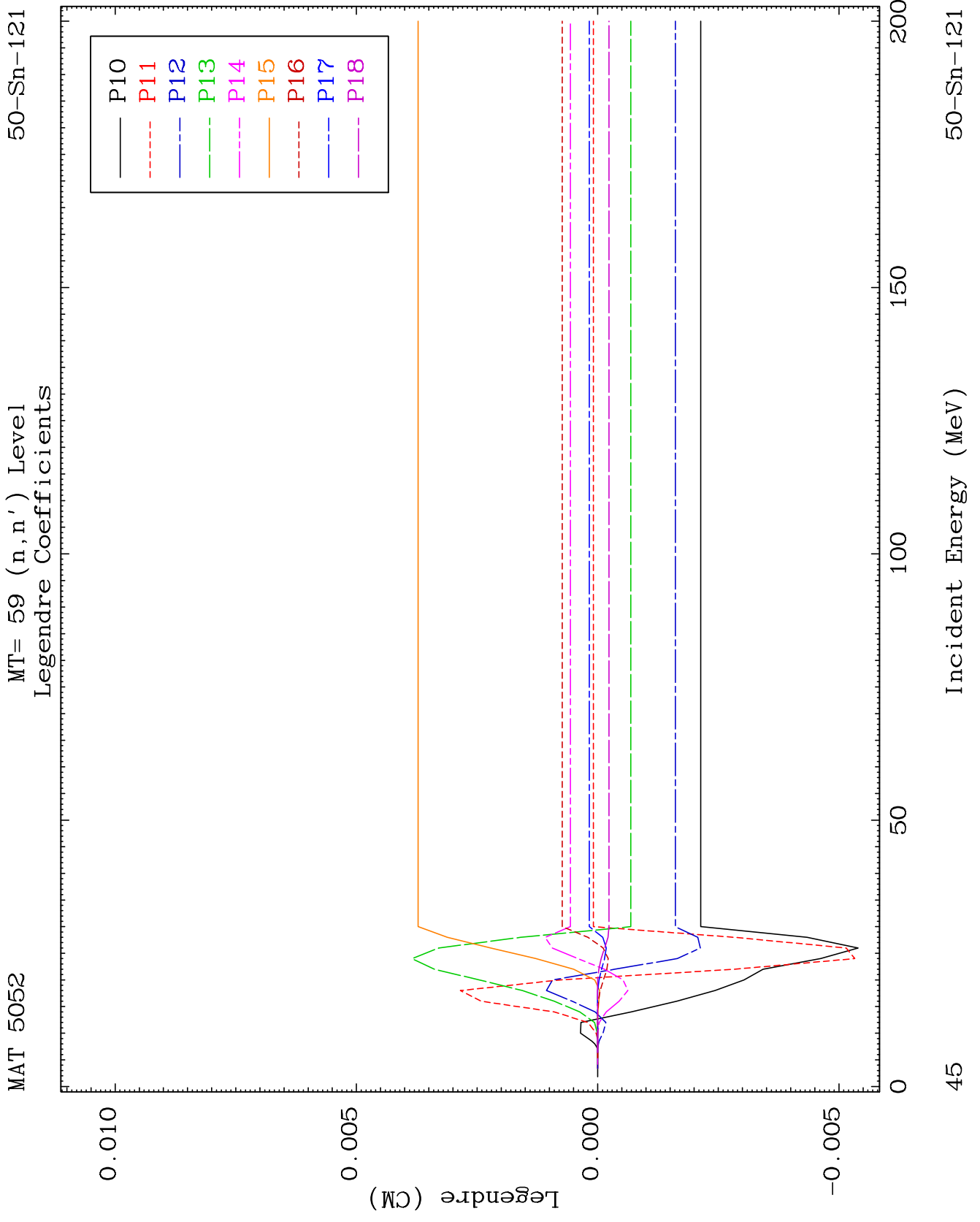
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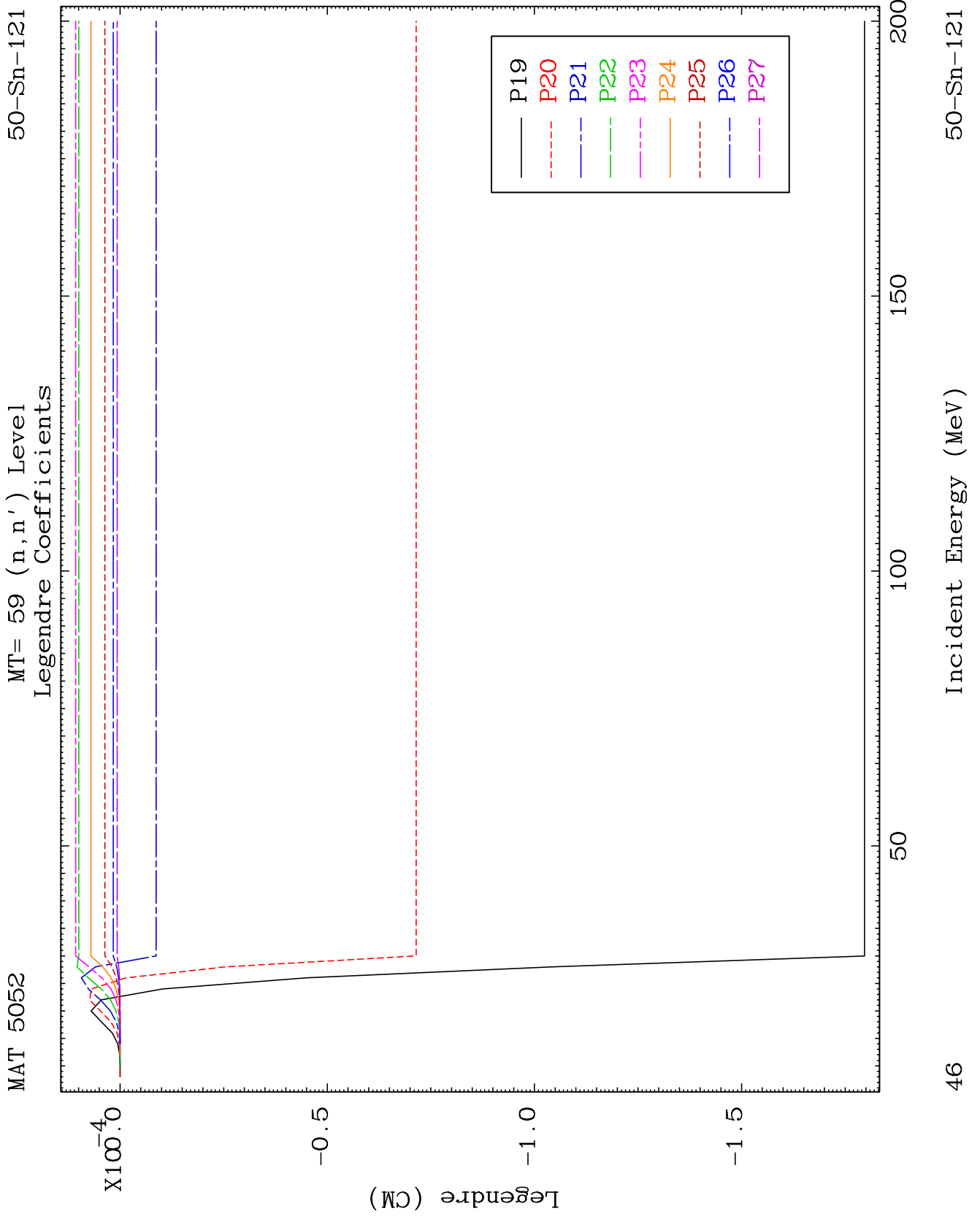


44

Incident Energy (MeV)

50-Sn-121

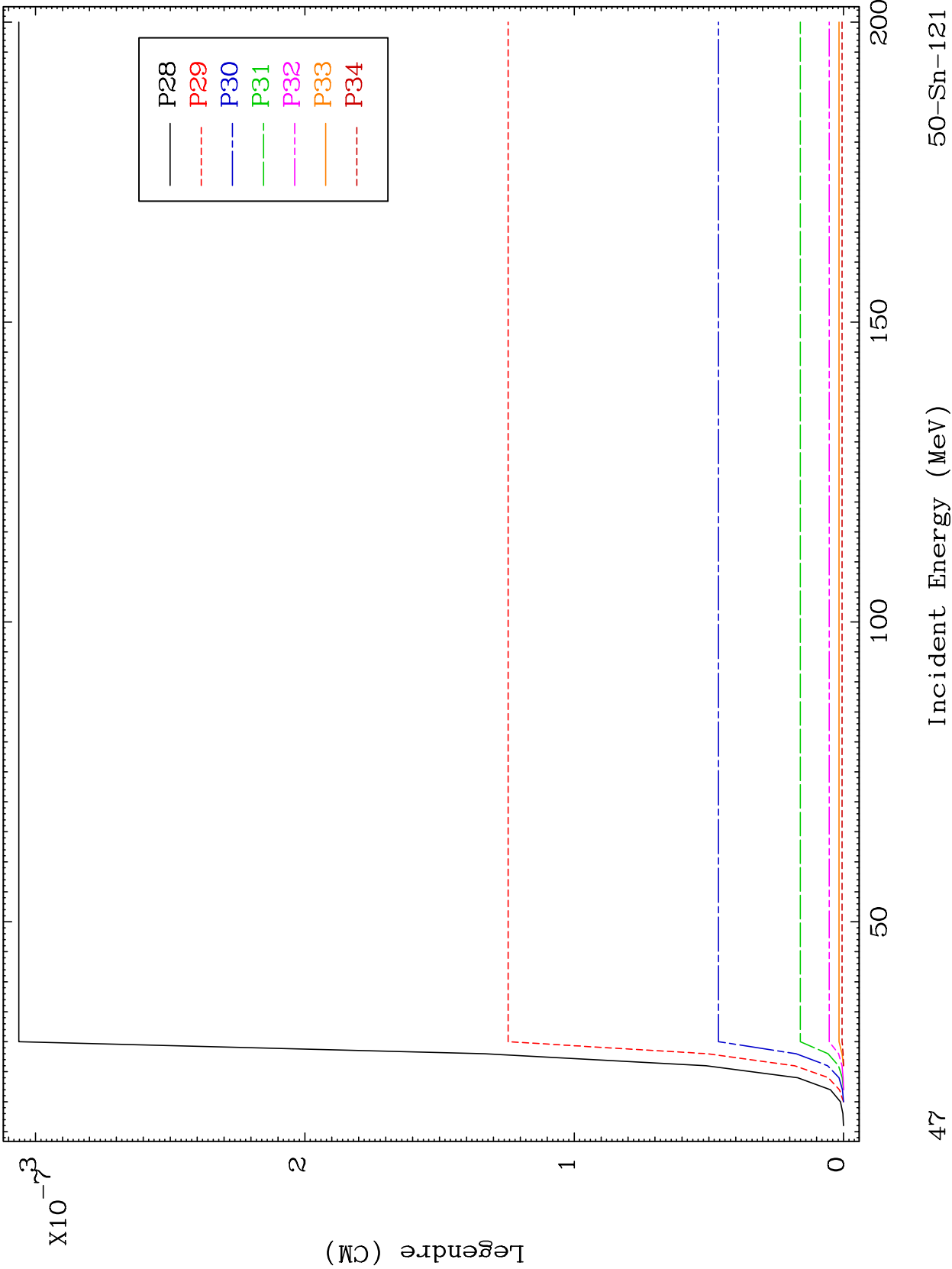


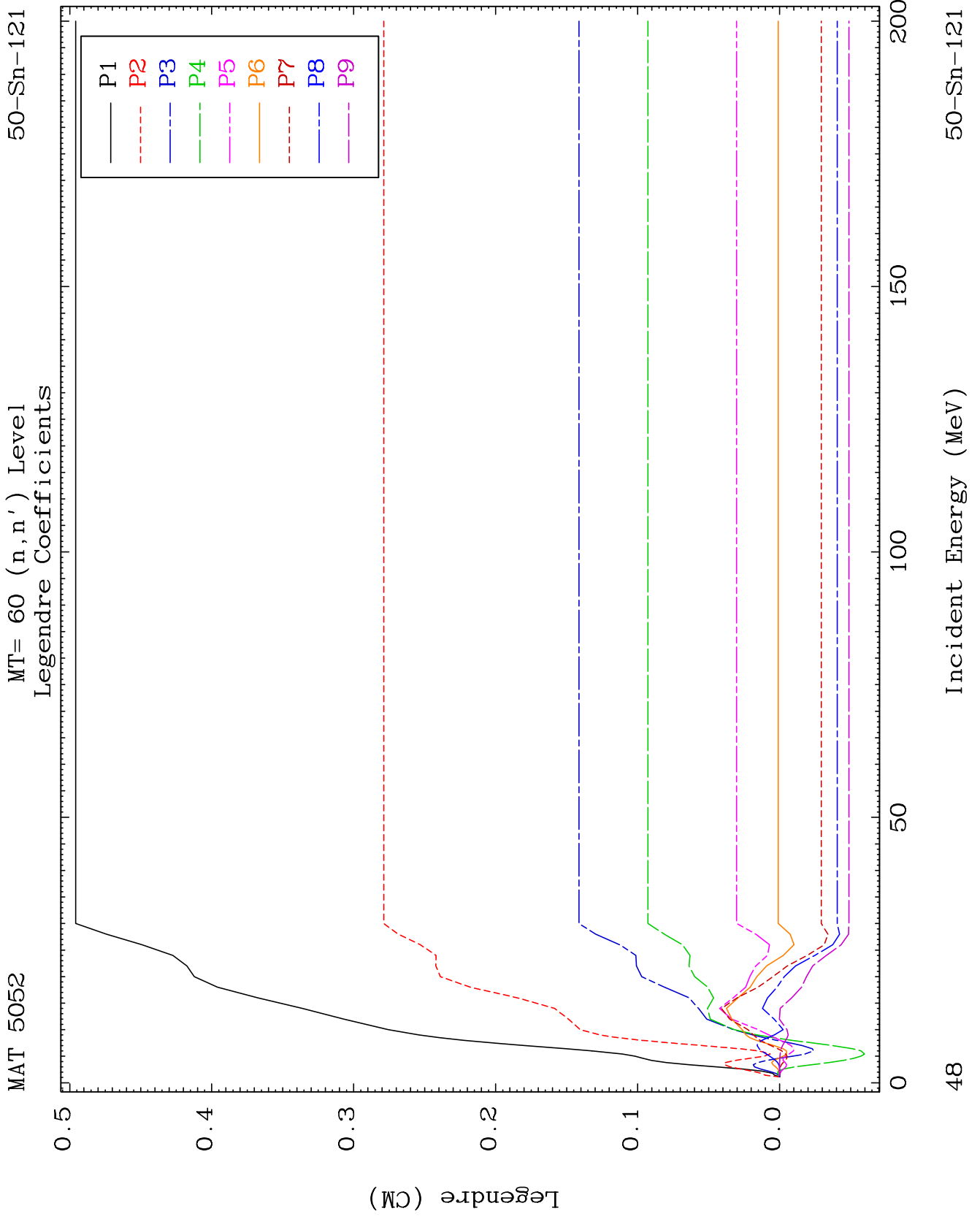


MAT 5052

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

50-Sn-121

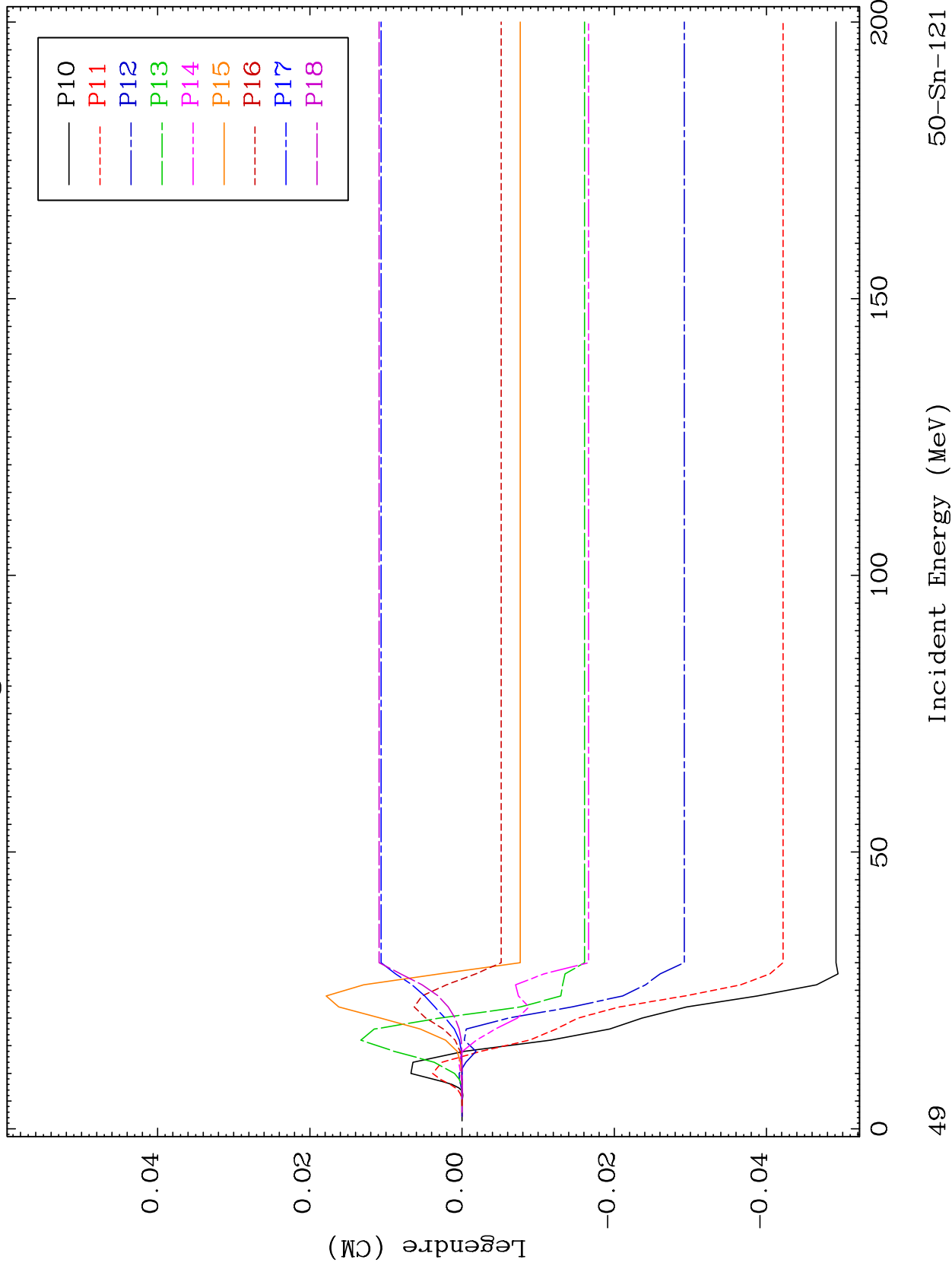




MAT 5052

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

50-Sn-121



49

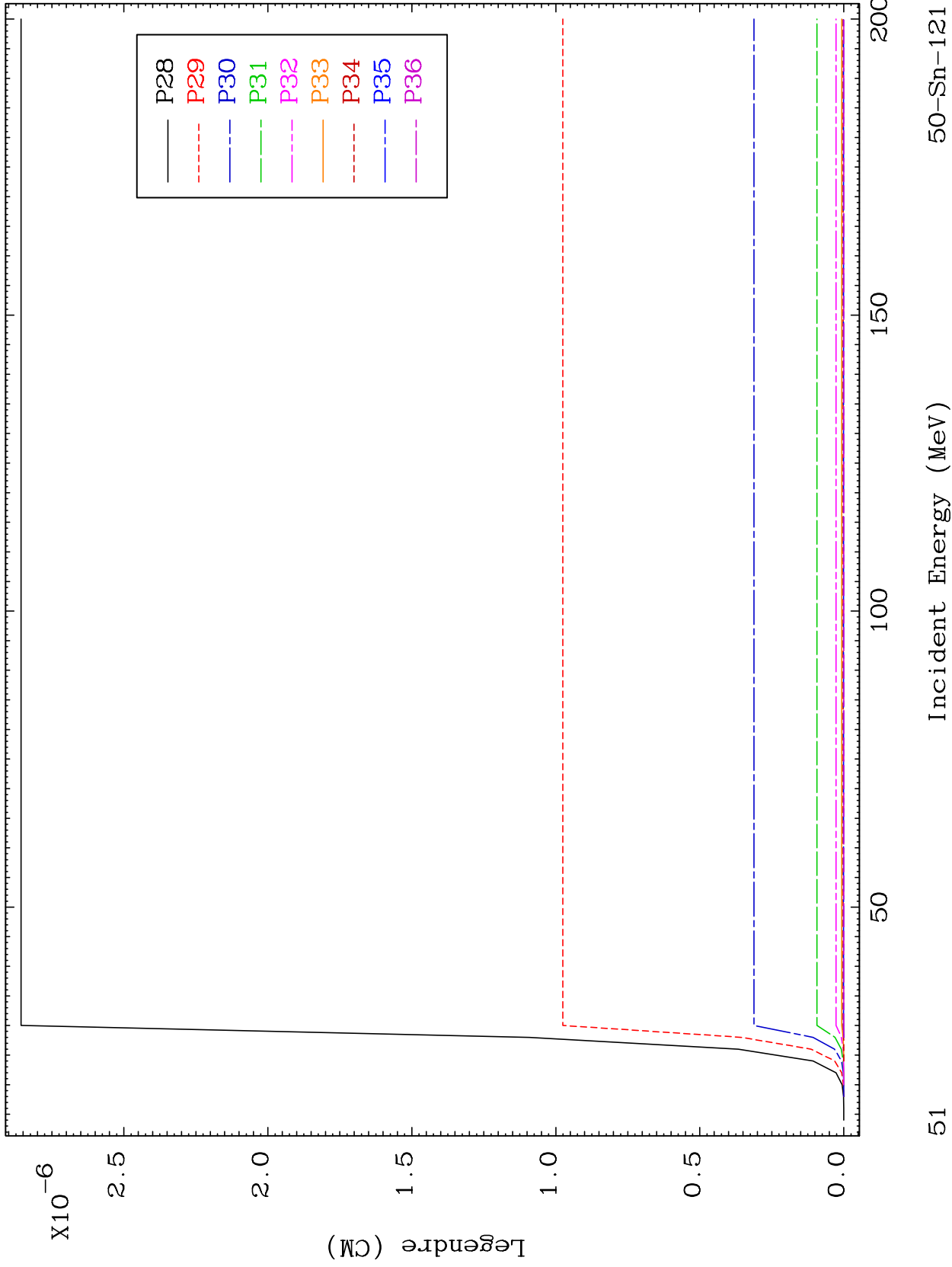
Incident Energy (MeV)

50-Sn-121

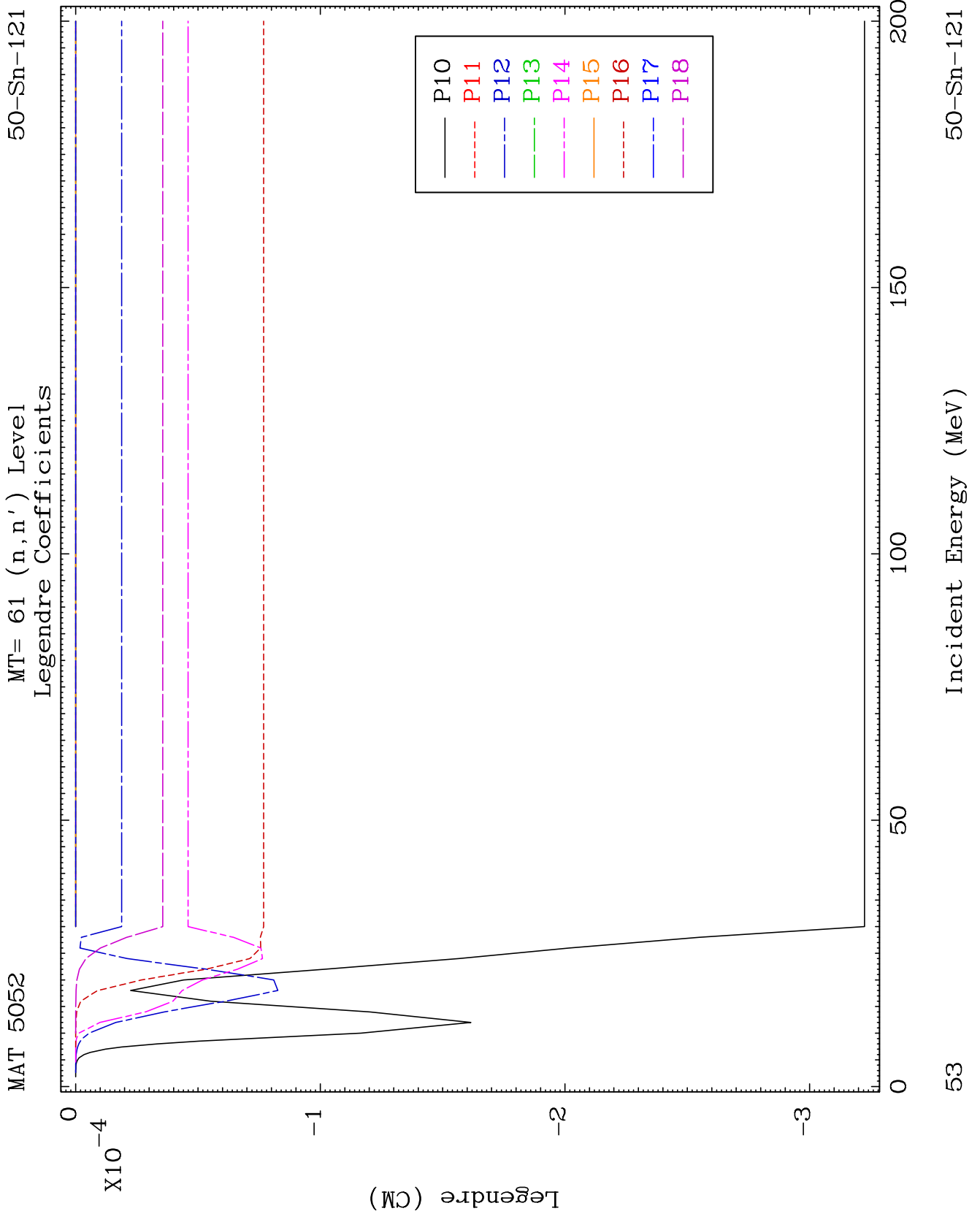
MAT 5052

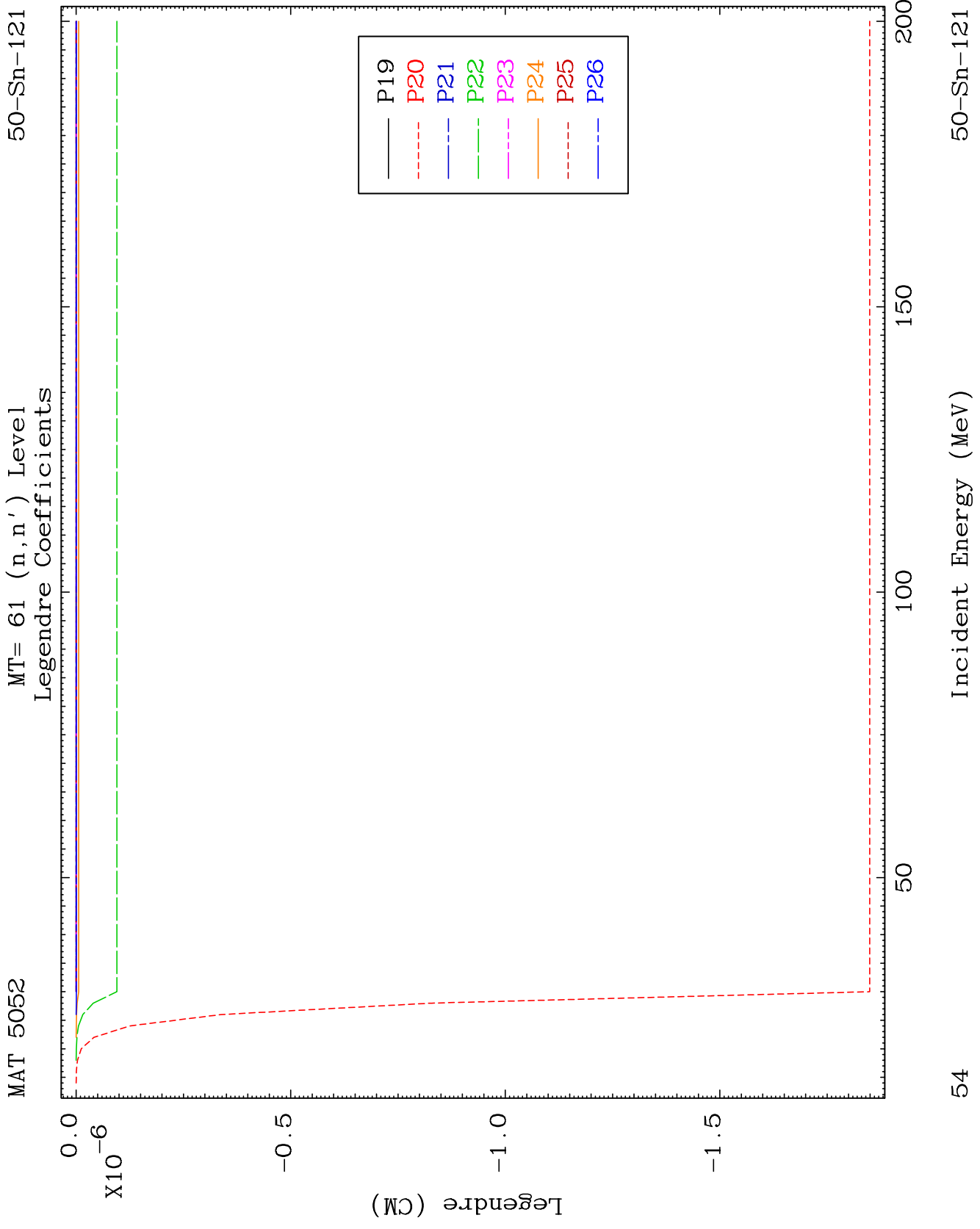
MT= 60 (n,n') Level
Legendre Coefficients

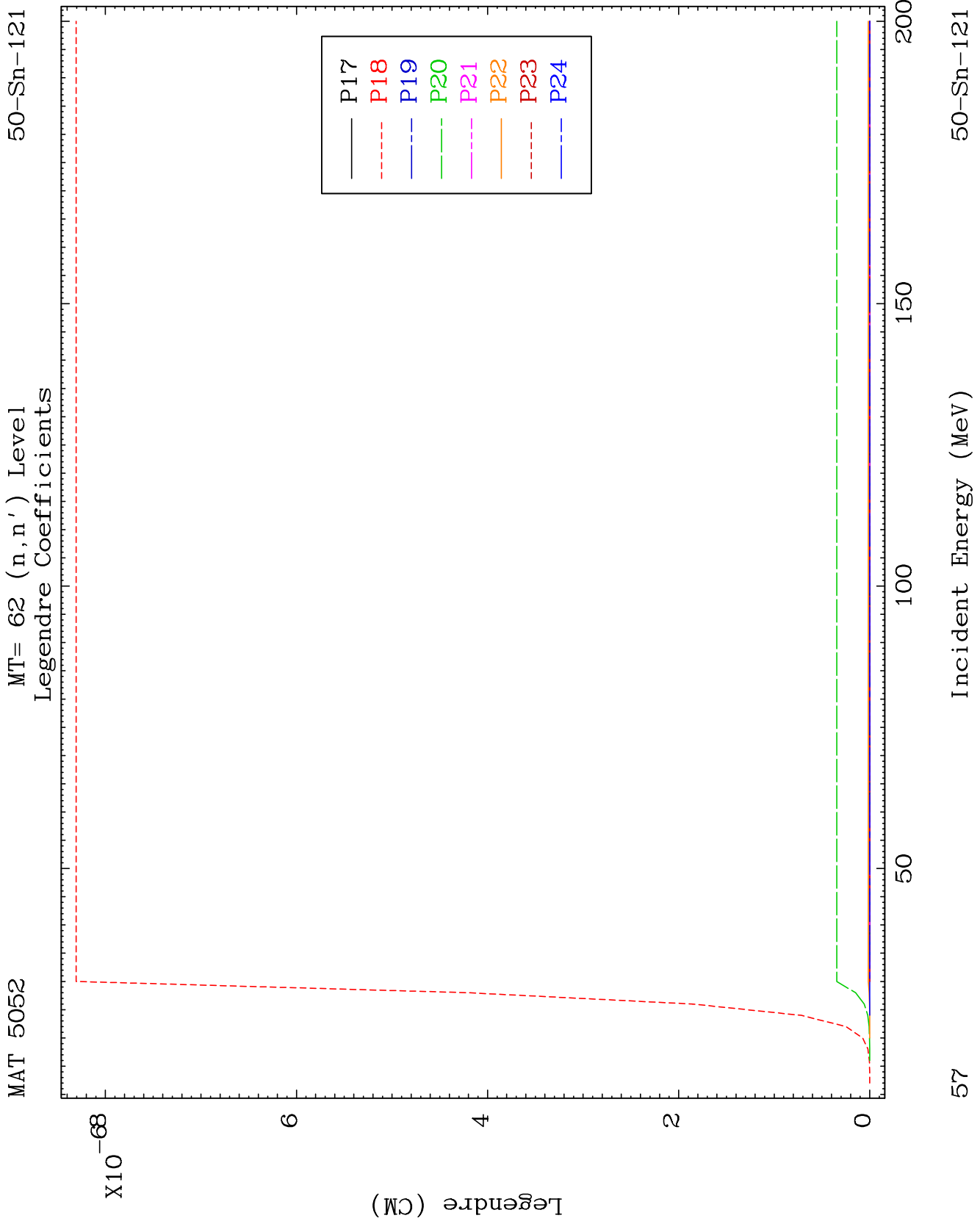
50-Sn-121



51



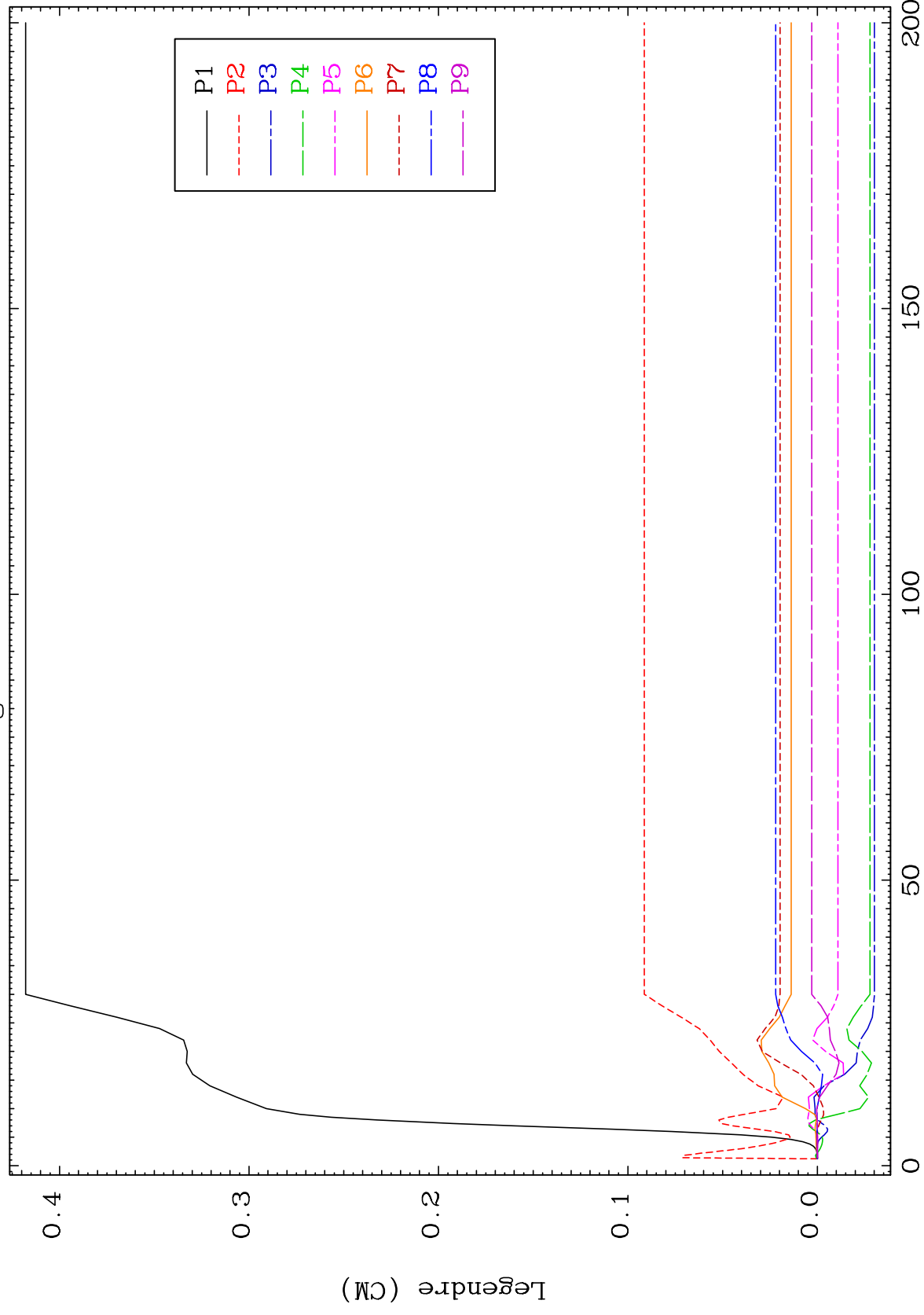




MAT 5052

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

50-Sn-121



58

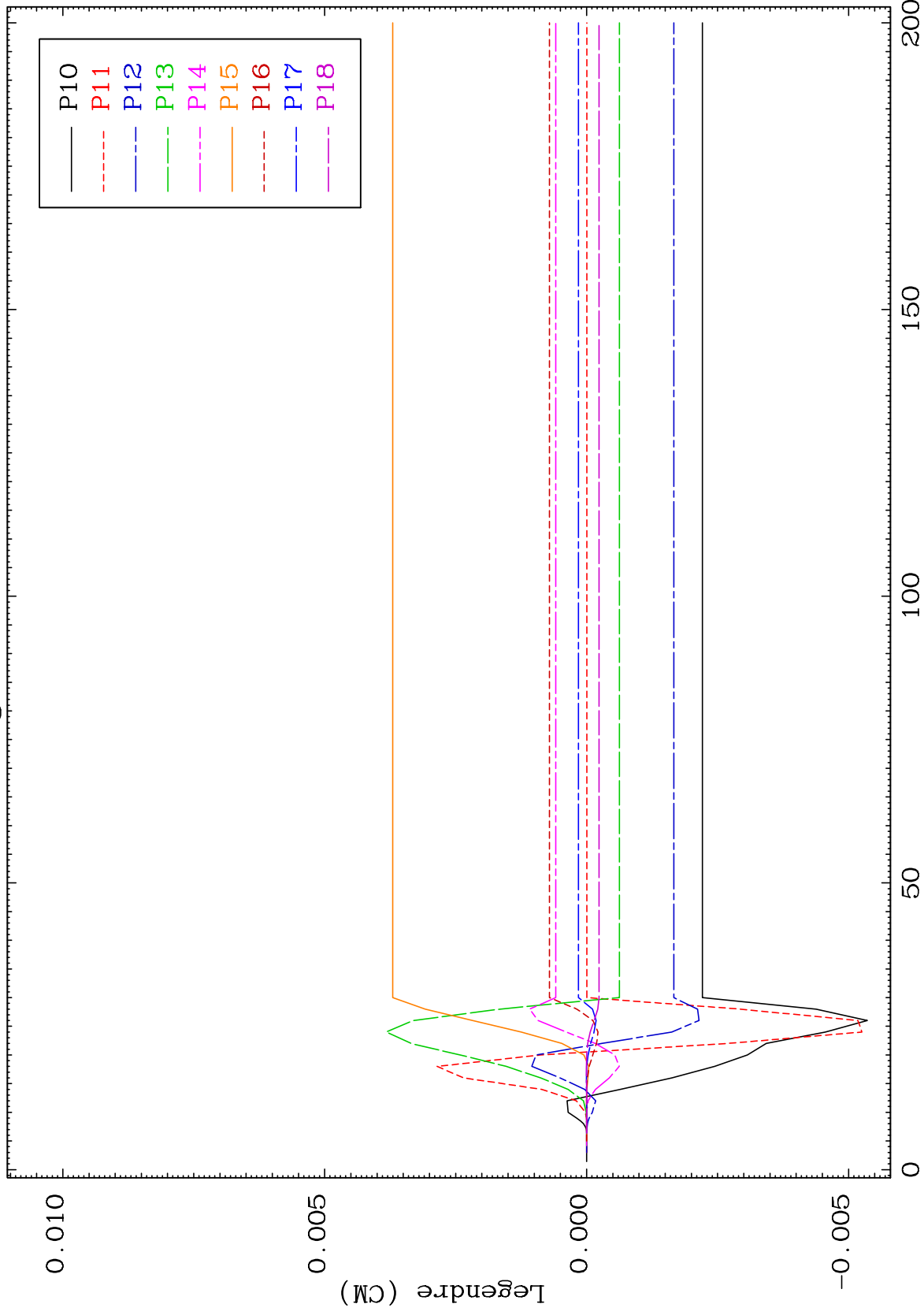
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

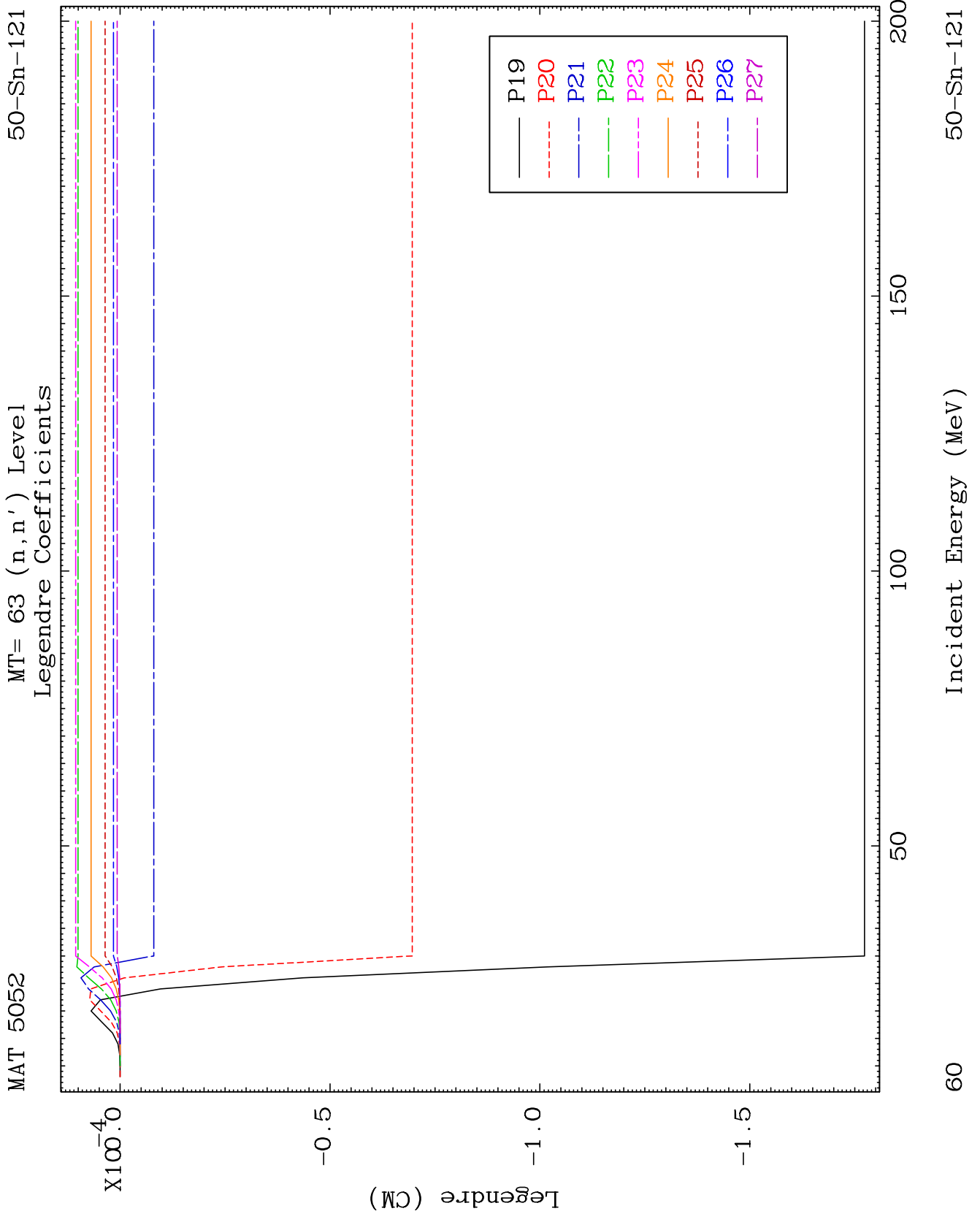
50-Sn-121



59

Incident Energy (MeV)

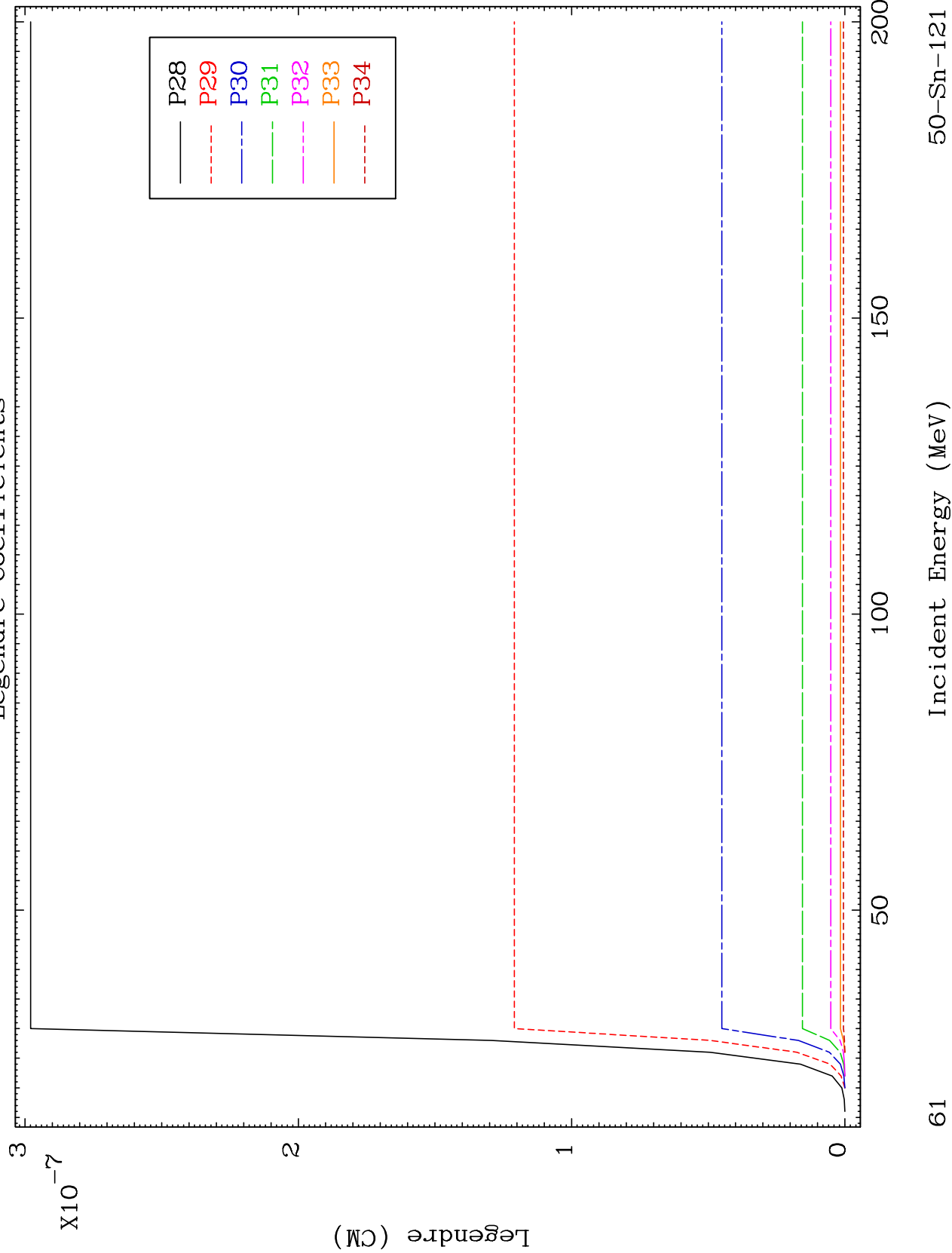
50-Sn-121



MAT 5052

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

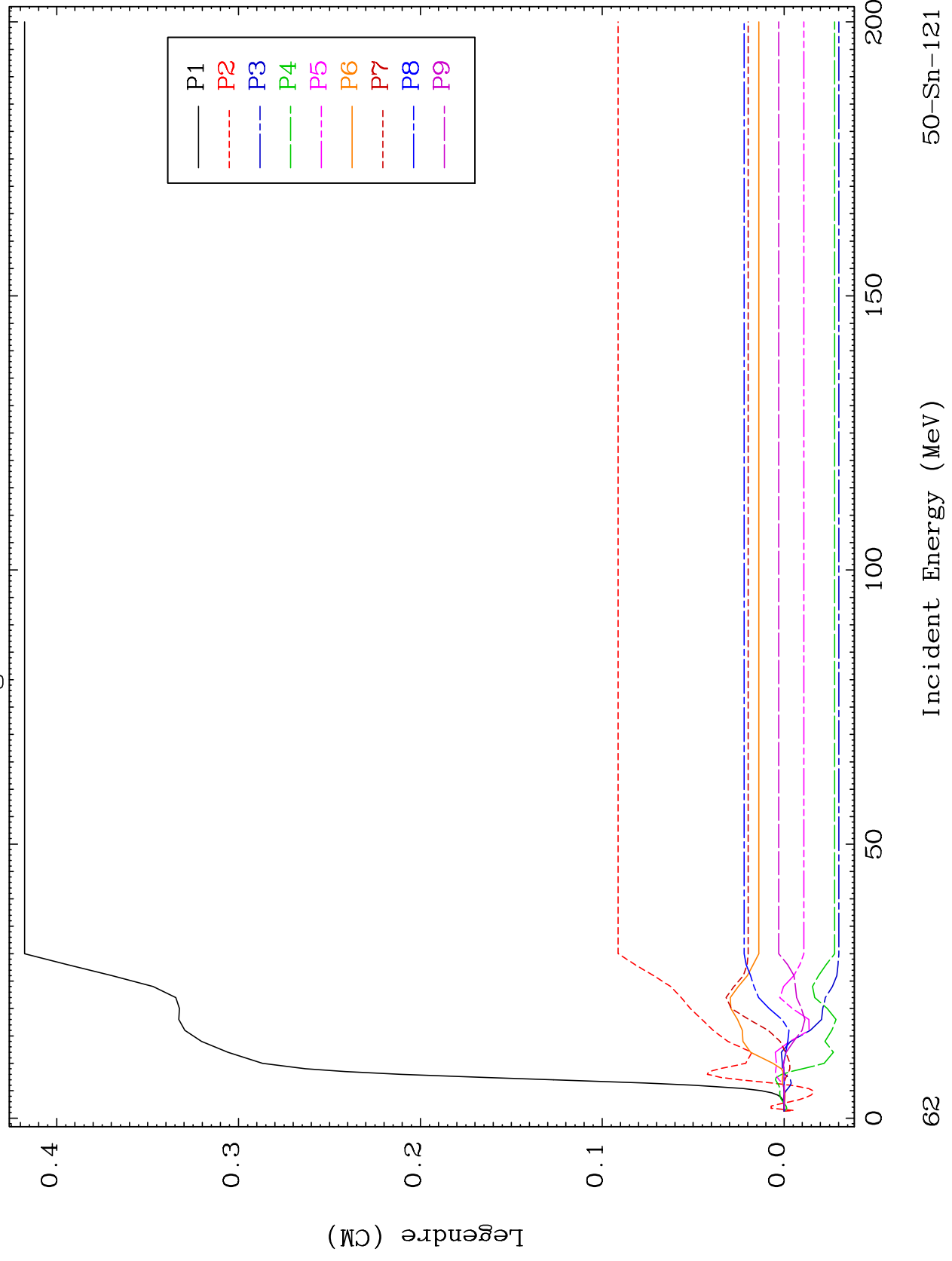
50-Sn-121



MAT 5052

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

50-Sn-121



50-Sn-121

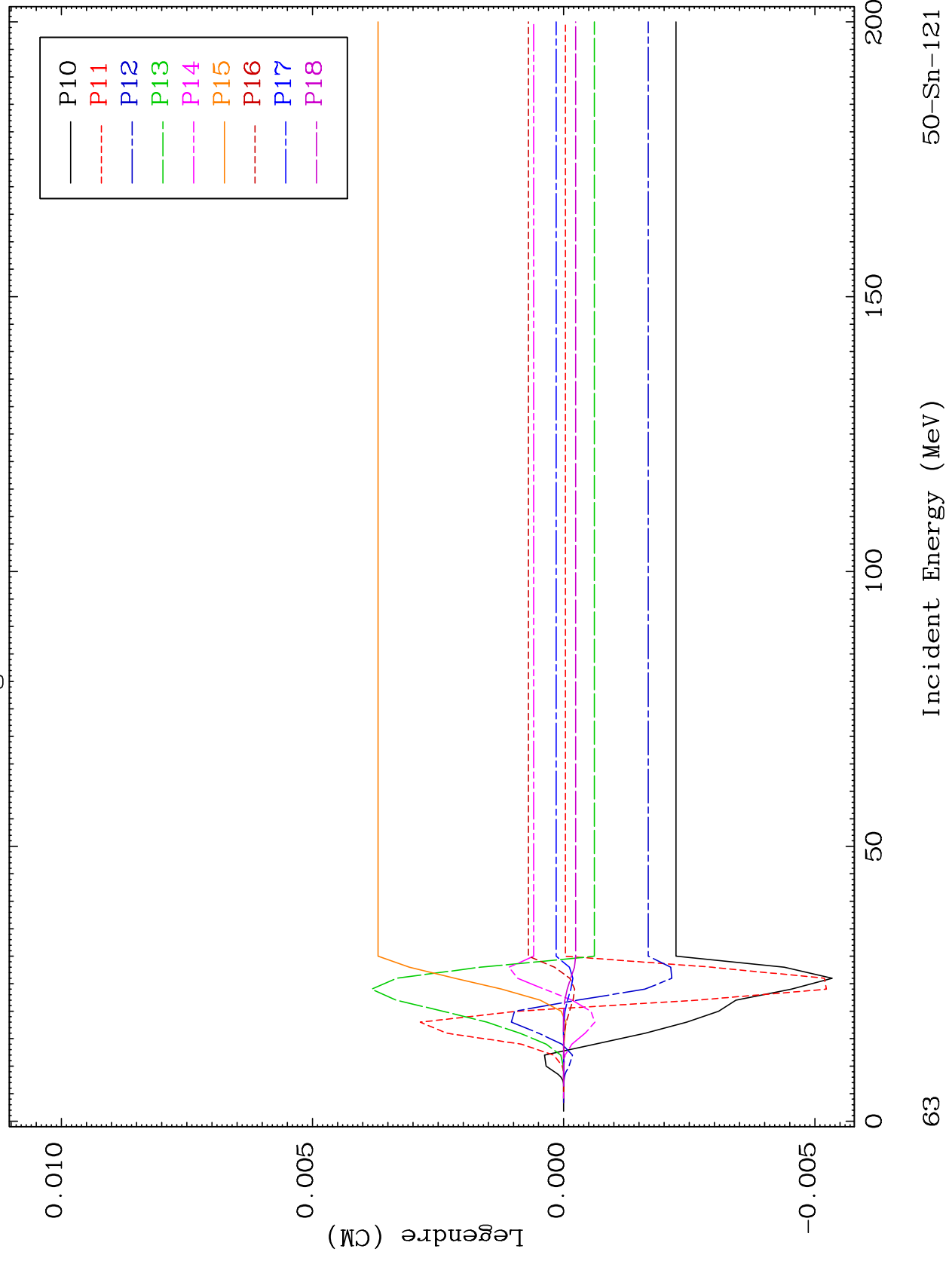
Incident Energy (MeV)

62

MAT 5052

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

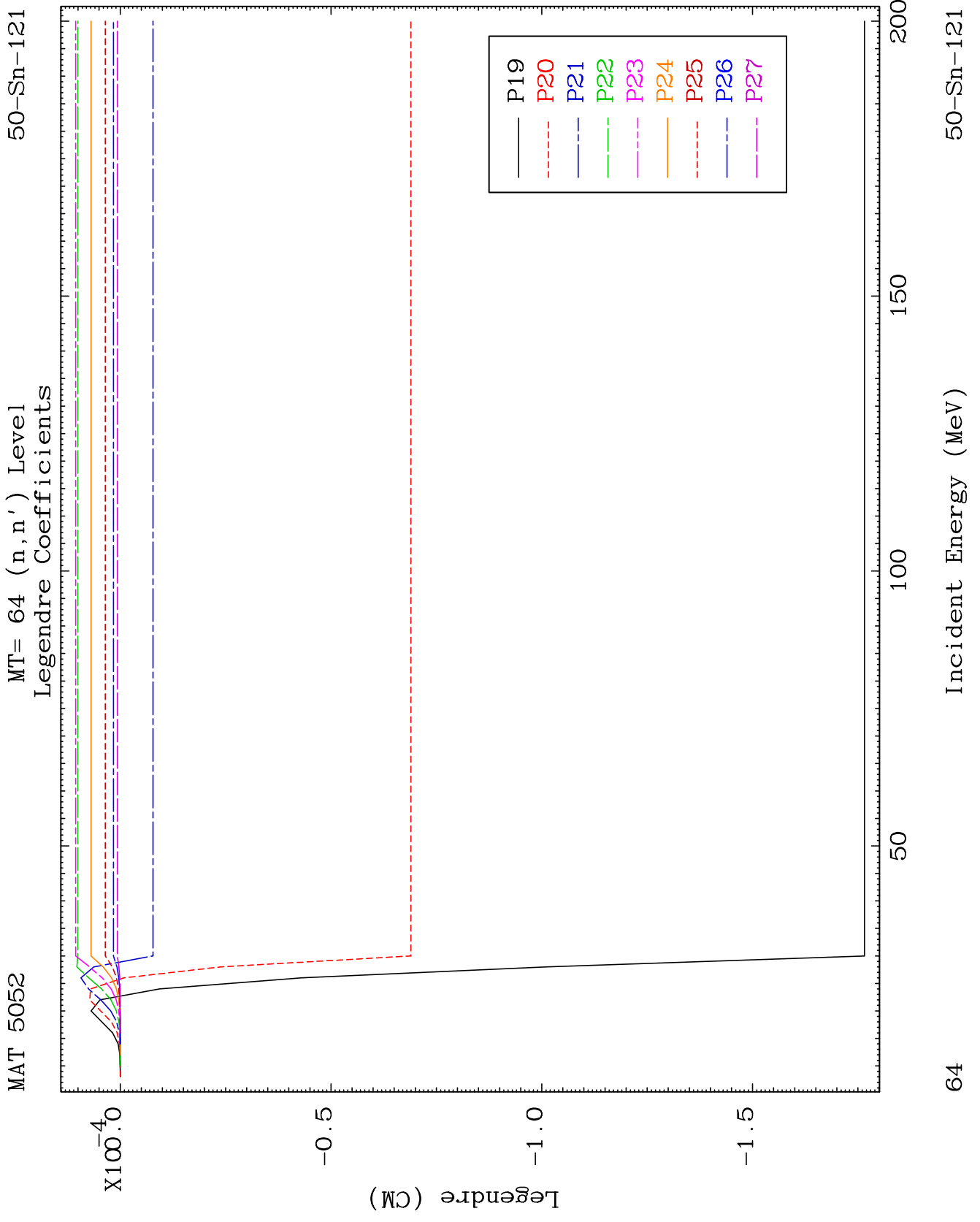
50-Sn-121



63

Incident Energy (MeV)

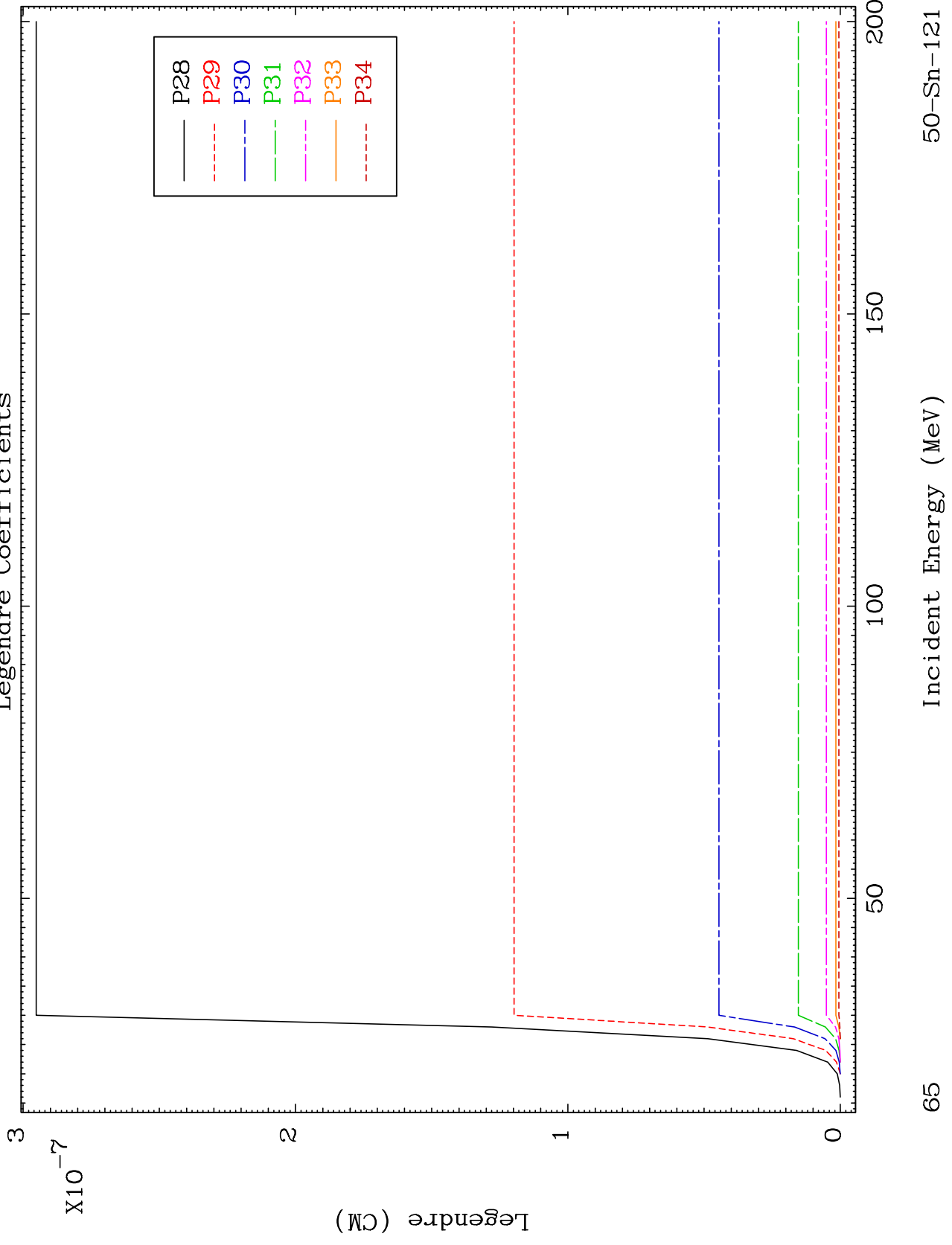
50-Sn-121

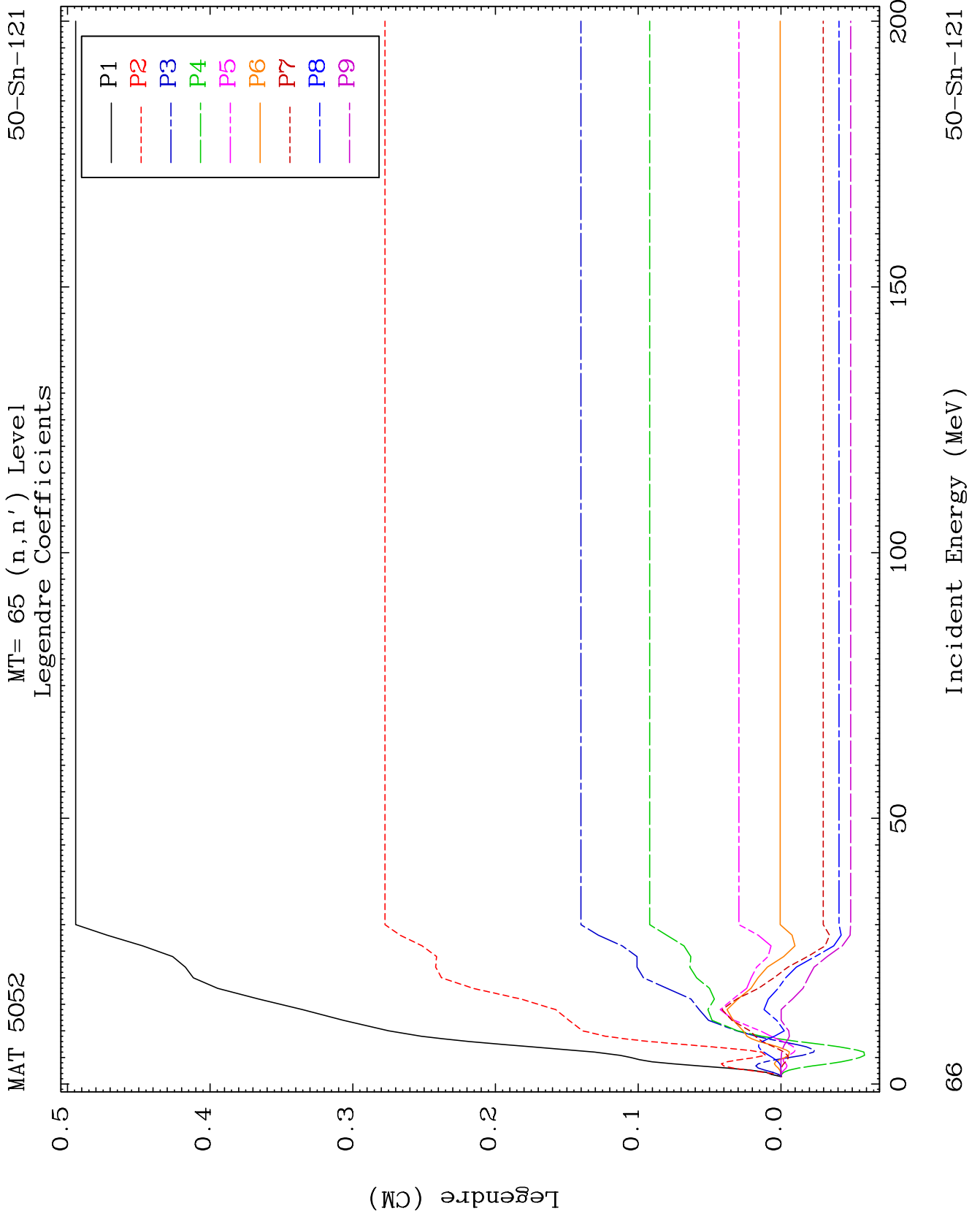


MAT 5052

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

50-Sn-121

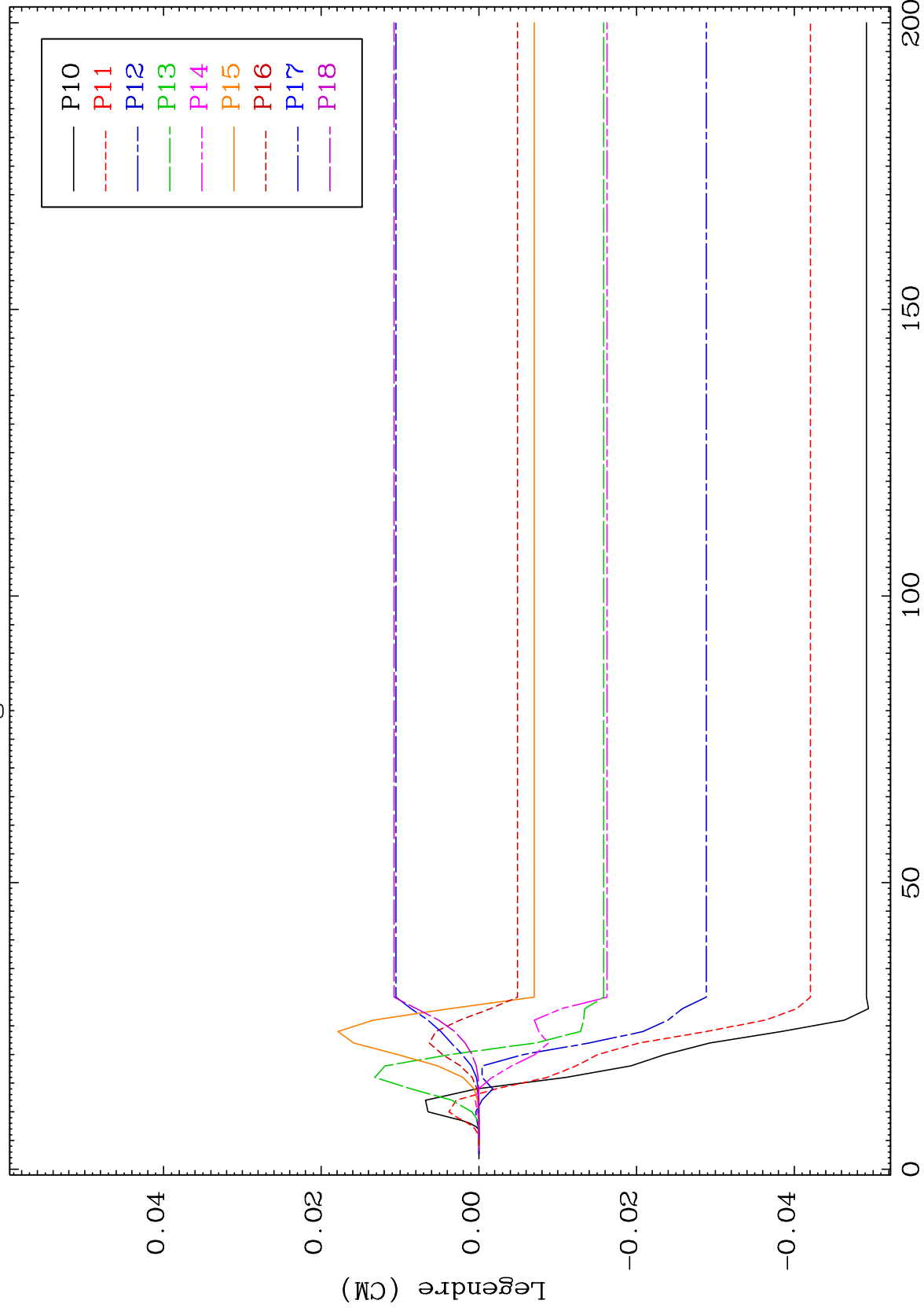




MAT 5052

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

50-Sn-121



67

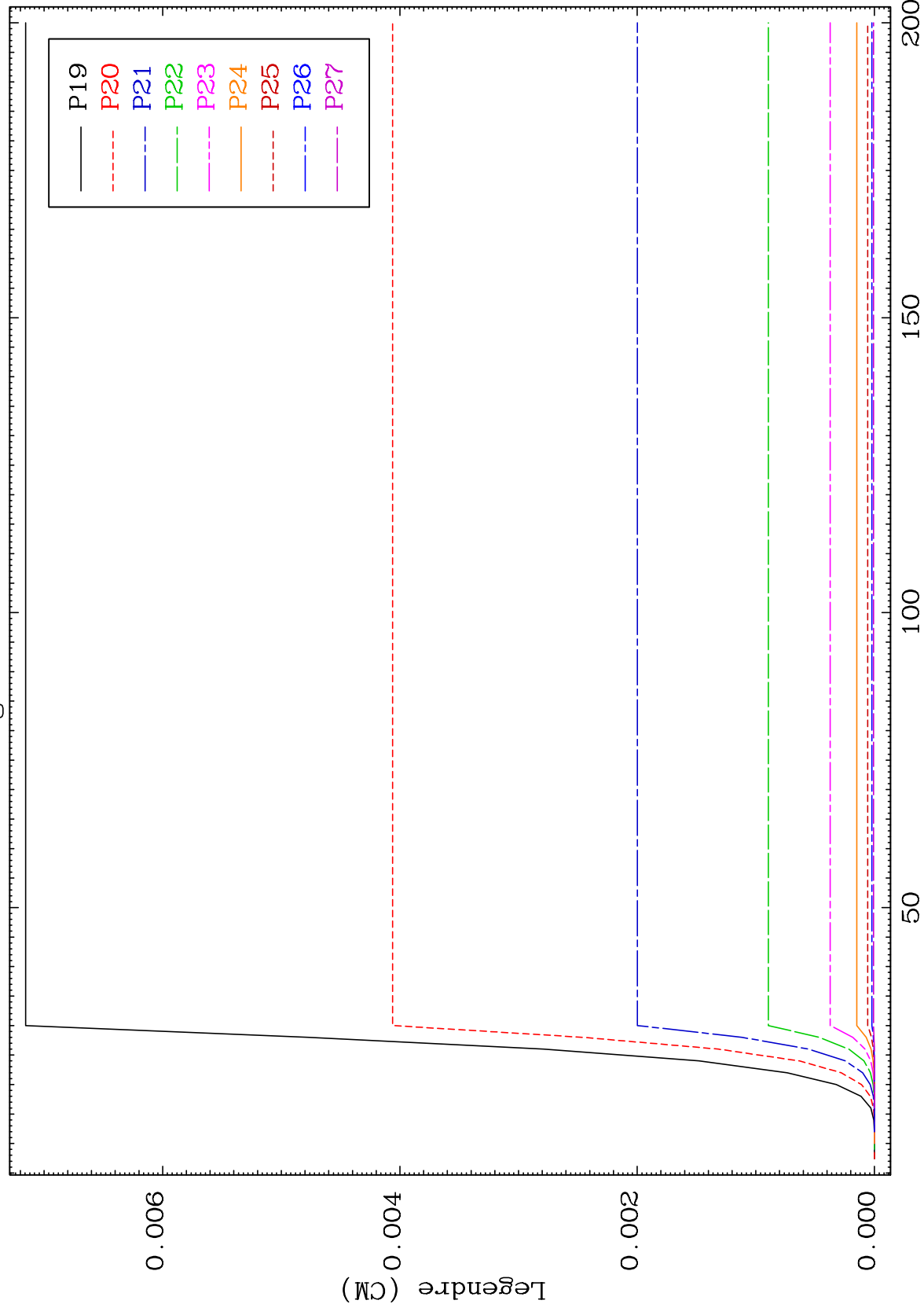
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

50-Sn-121



68

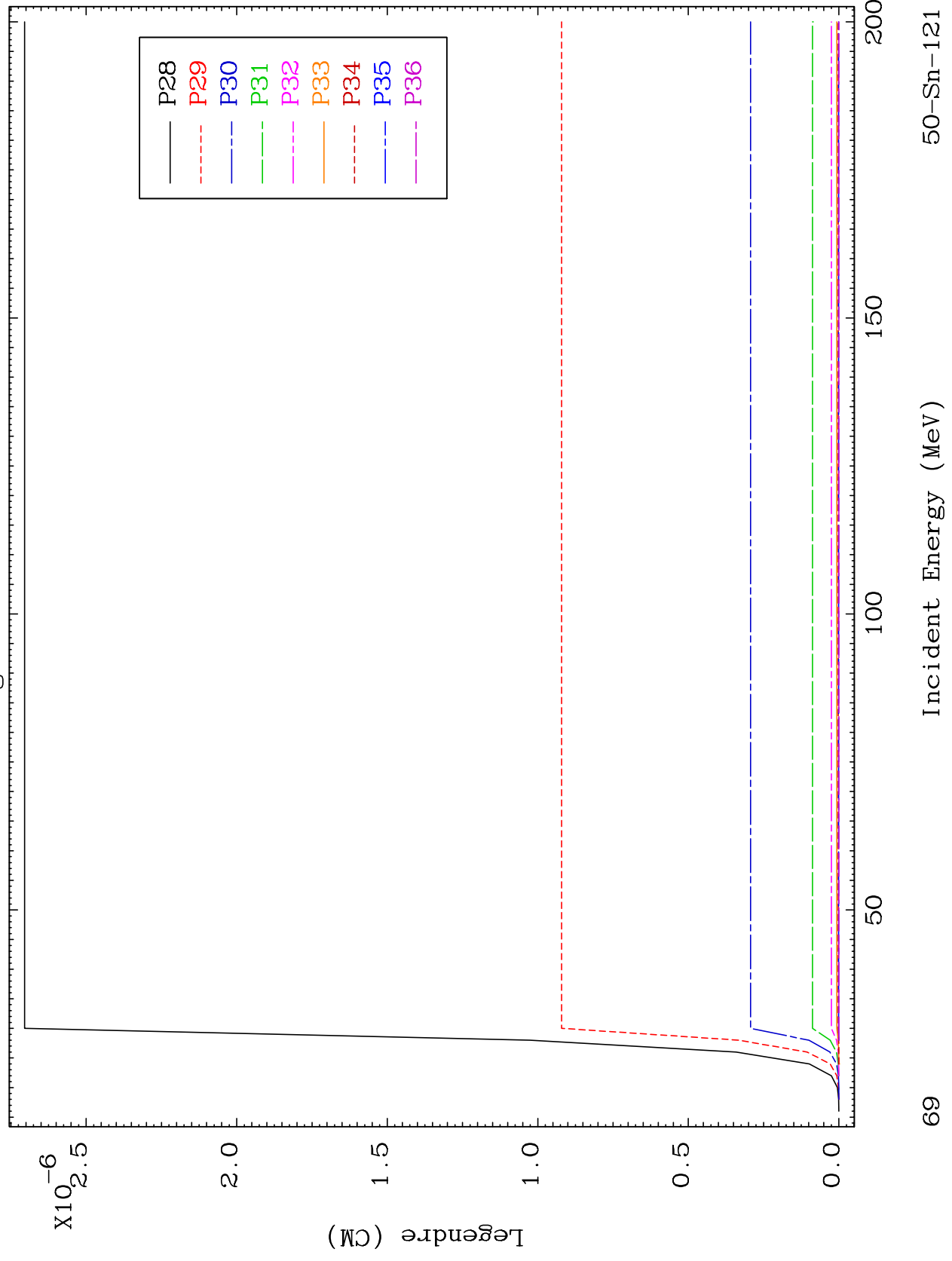
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

50-Sn-121

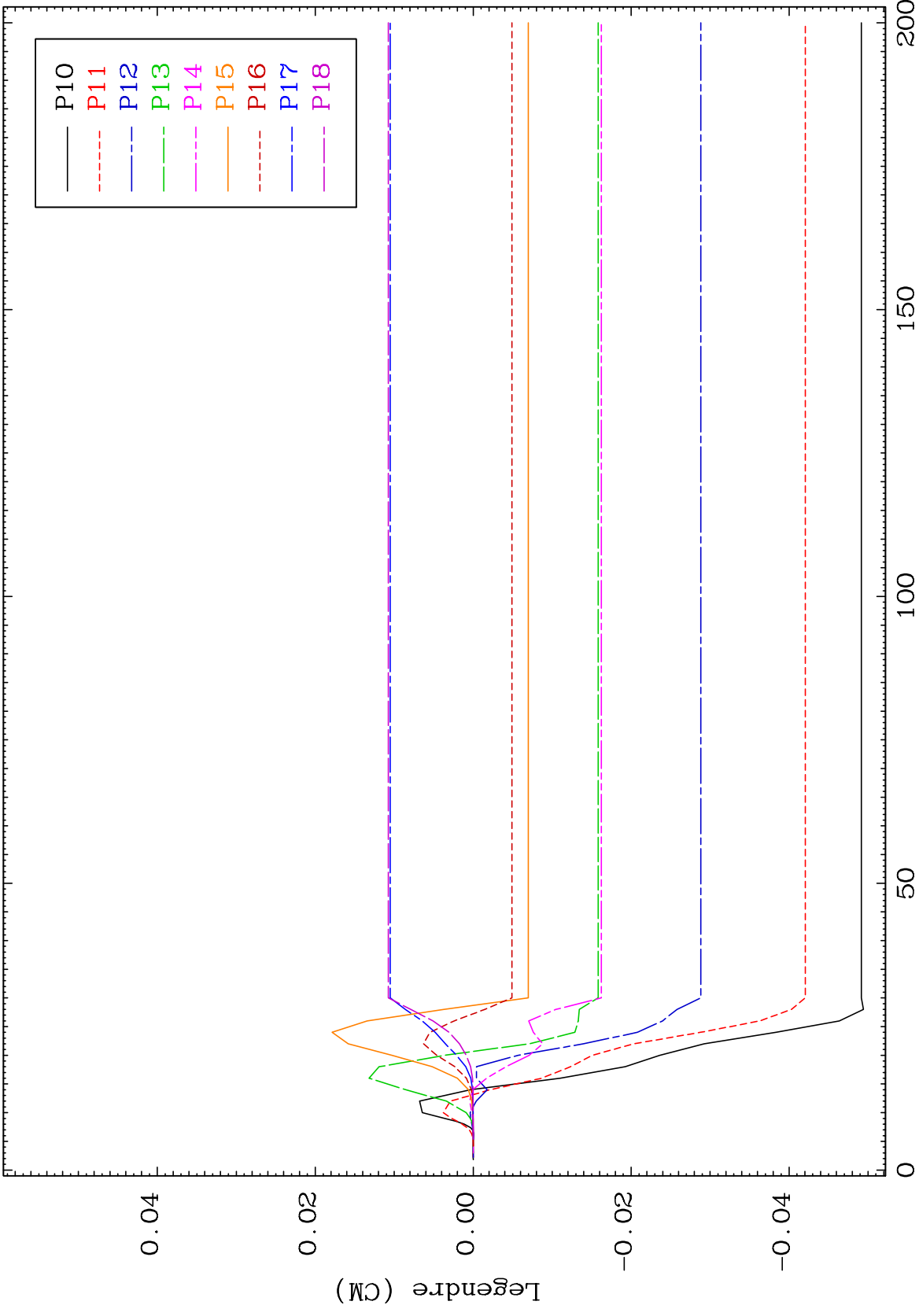


69

MAT 5052

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

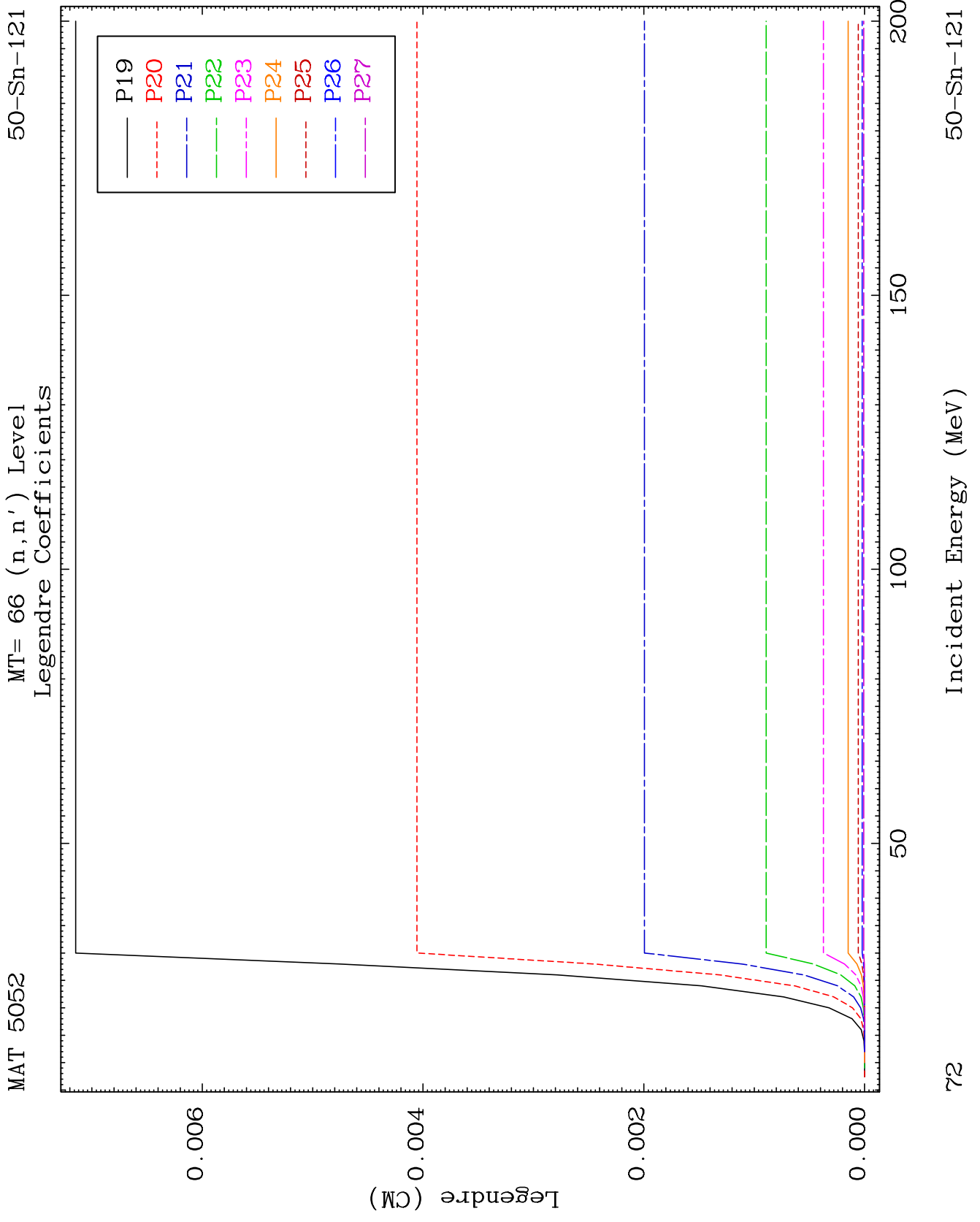
50-Sn-121

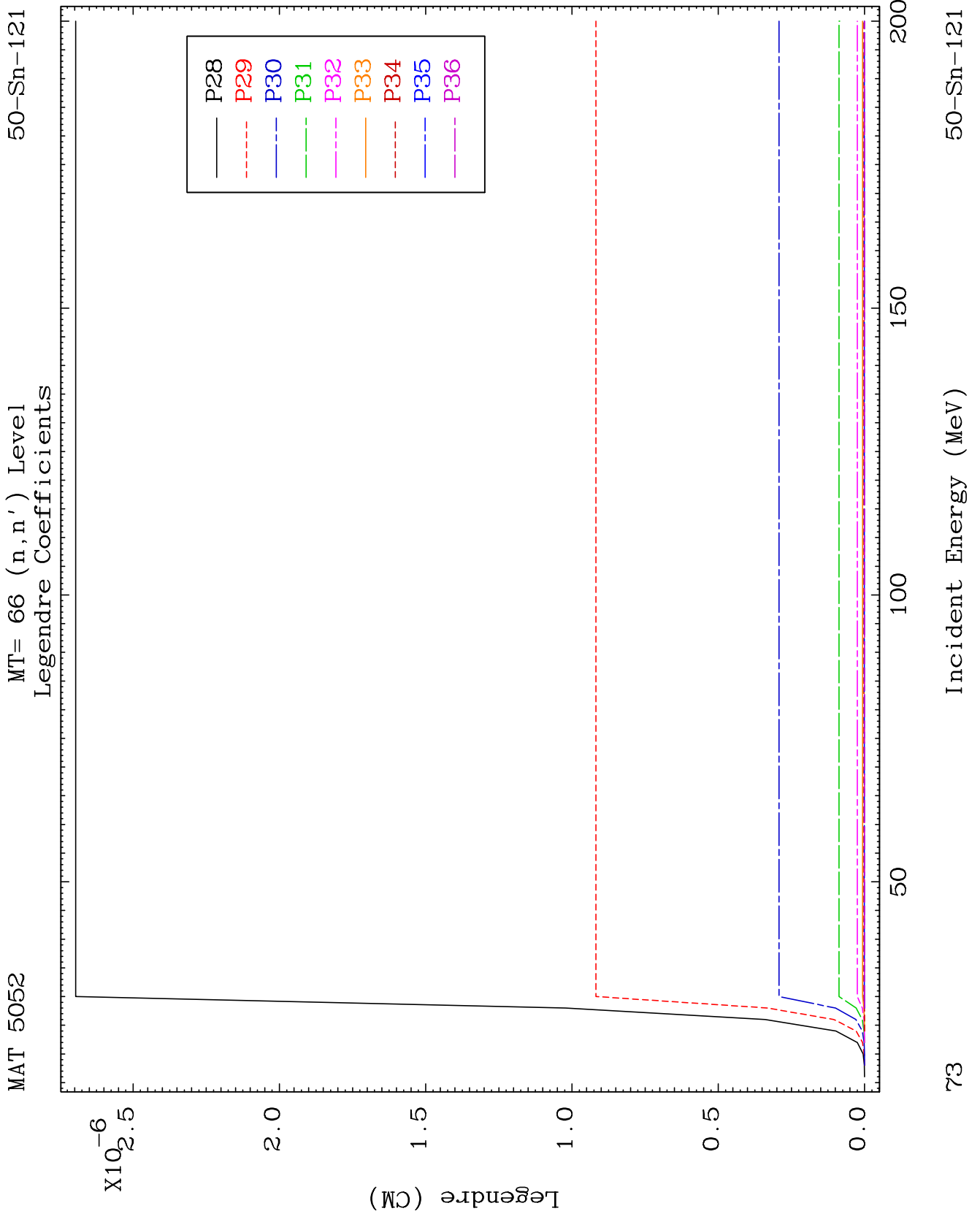


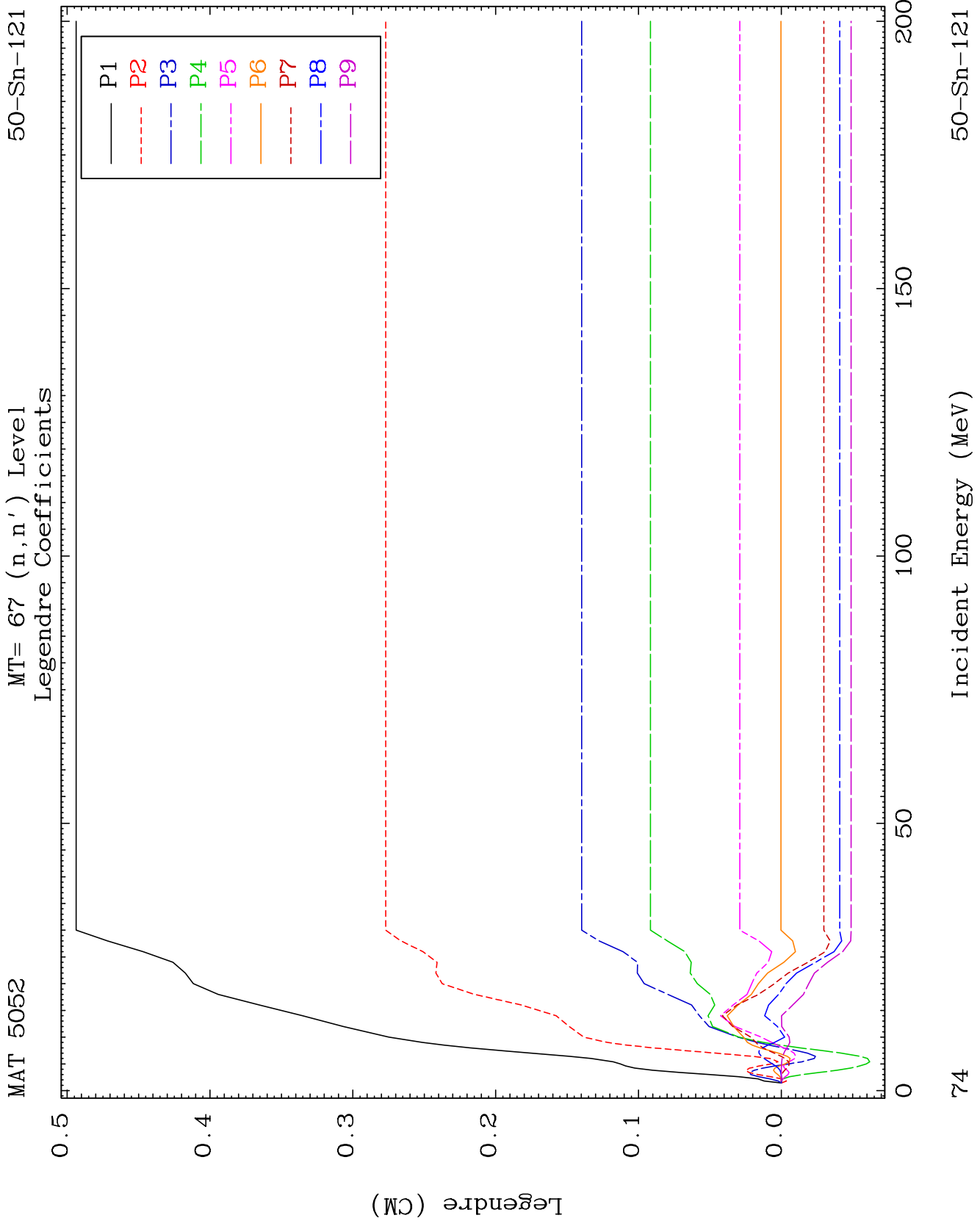
71

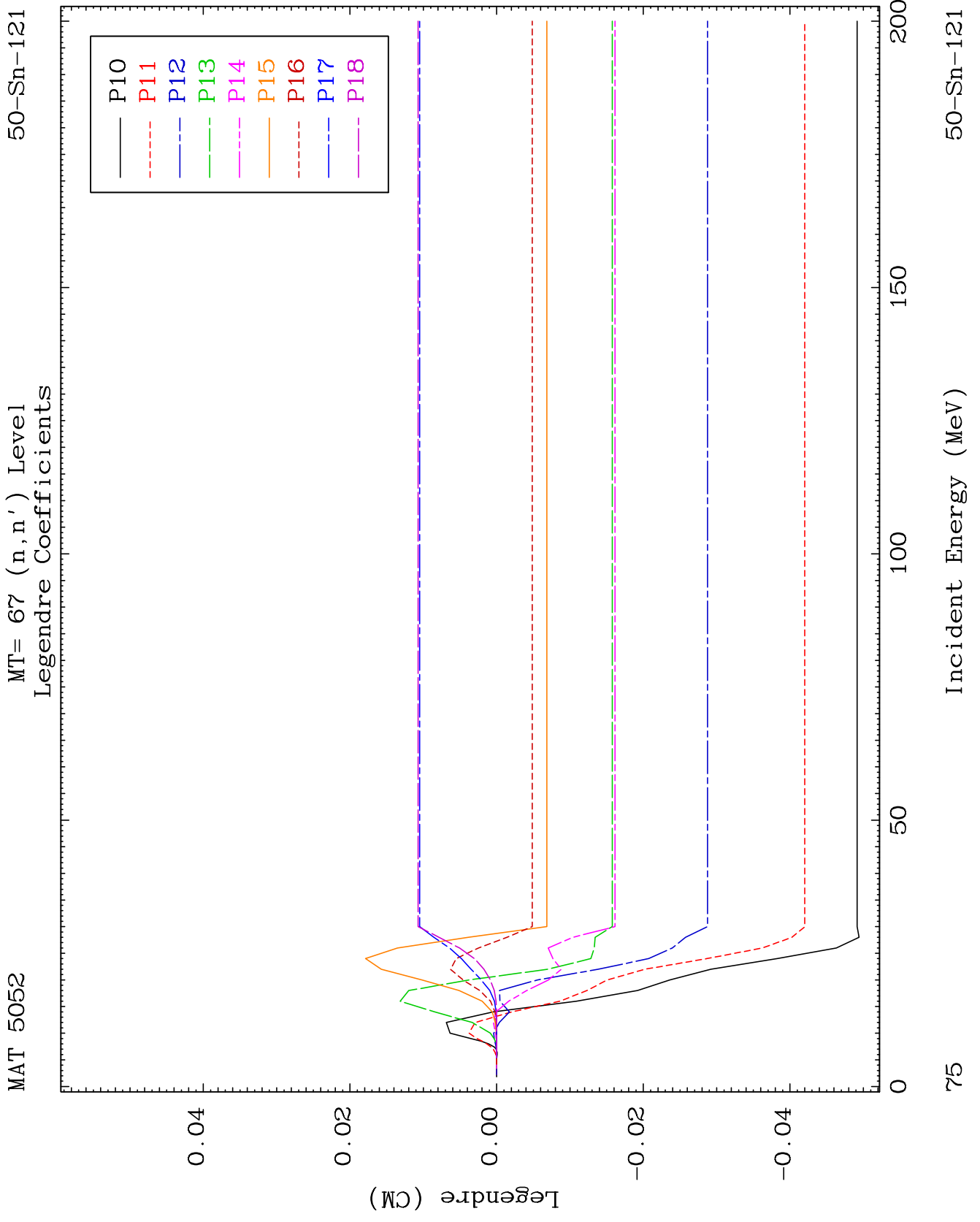
Incident Energy (MeV)

50-Sn-121





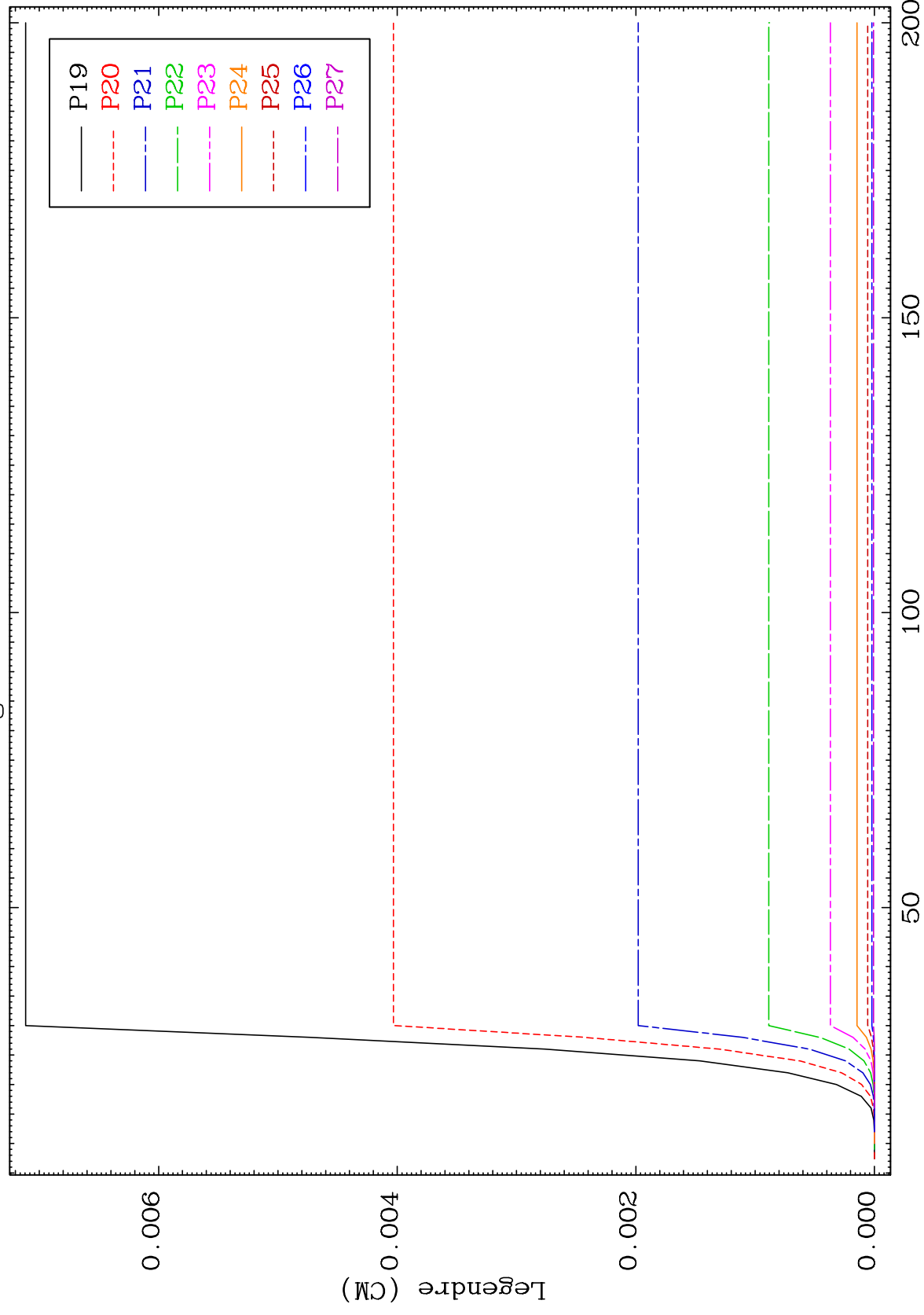




MAT 5052

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

50-Sn-121



76

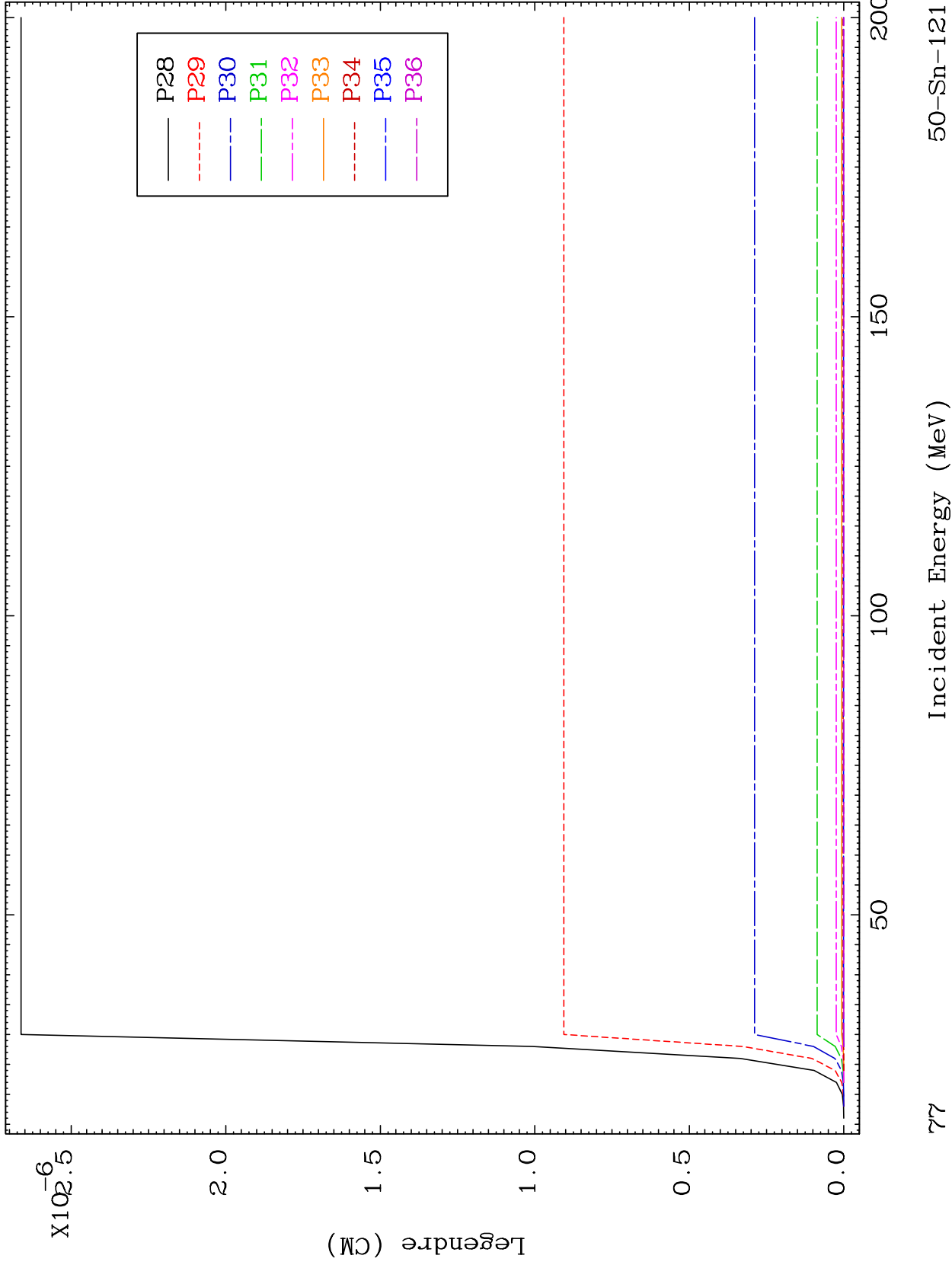
Incident Energy (MeV)

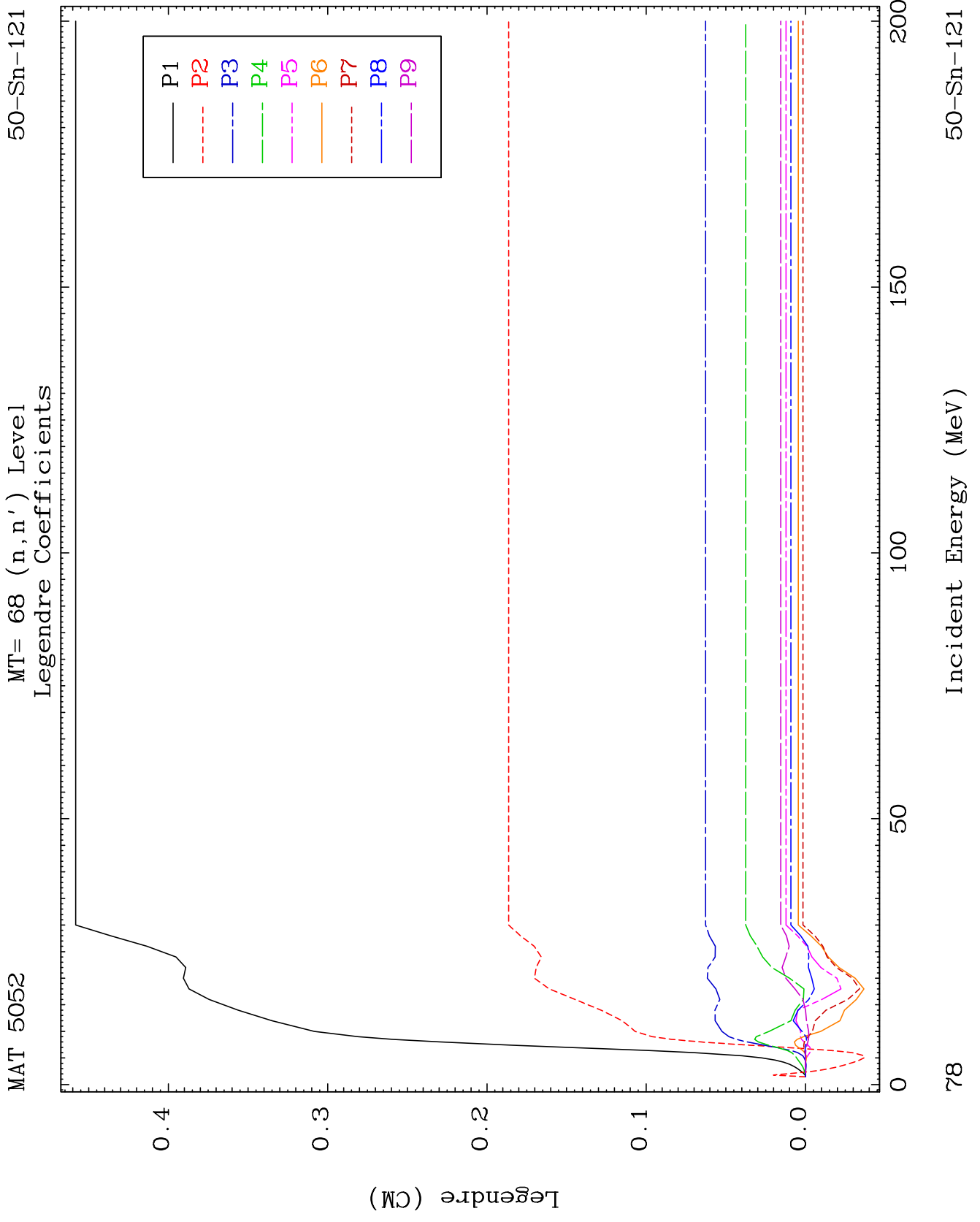
50-Sn-121

MAT 5052

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

50-Sn-121

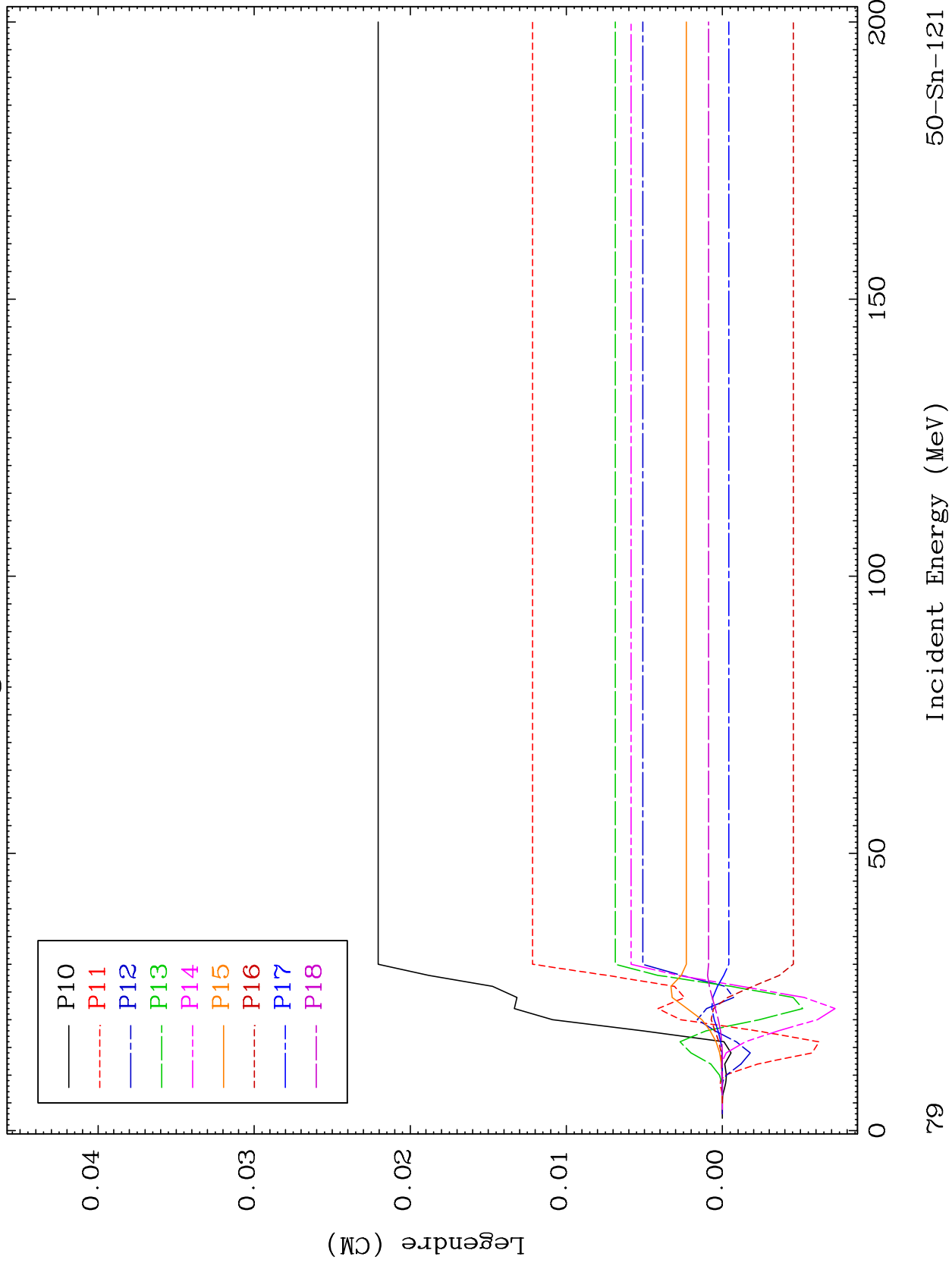




MAT 5052

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

50-Sn-121



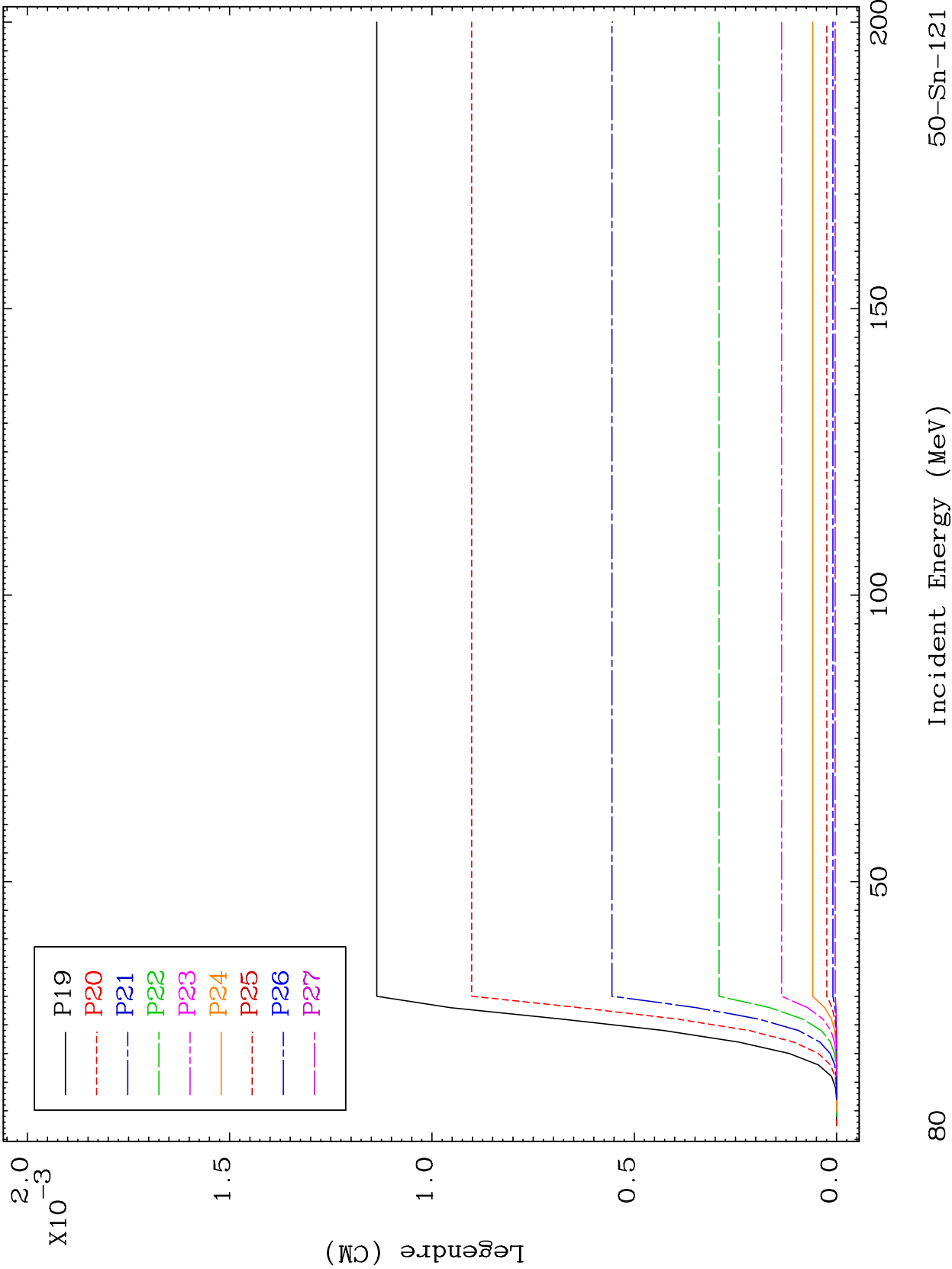
79

50-Sn-121

MAT 5052

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

50-Sn-121



80

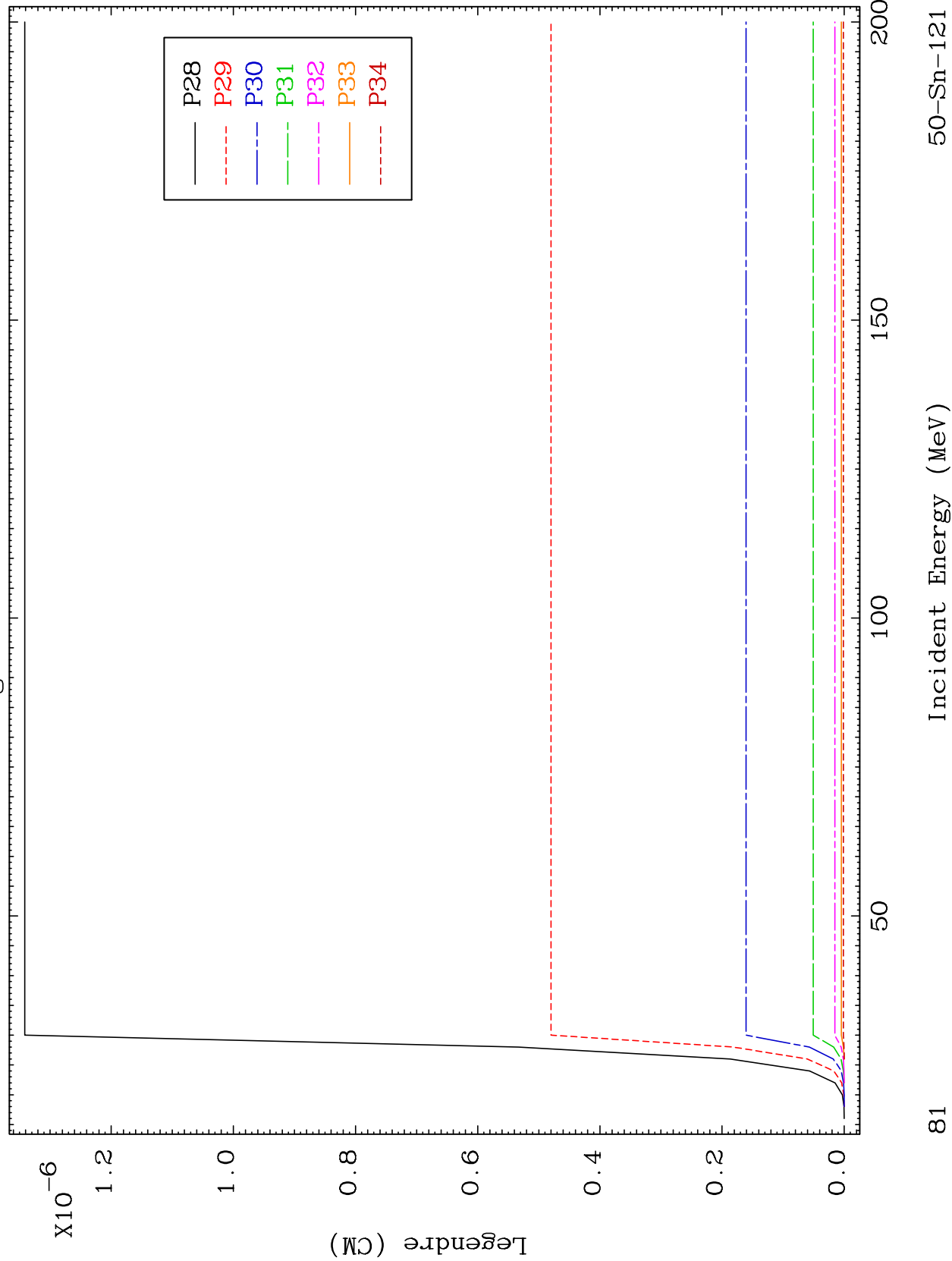
Incident Energy (MeV)

50-Sn-121

MAT 5052

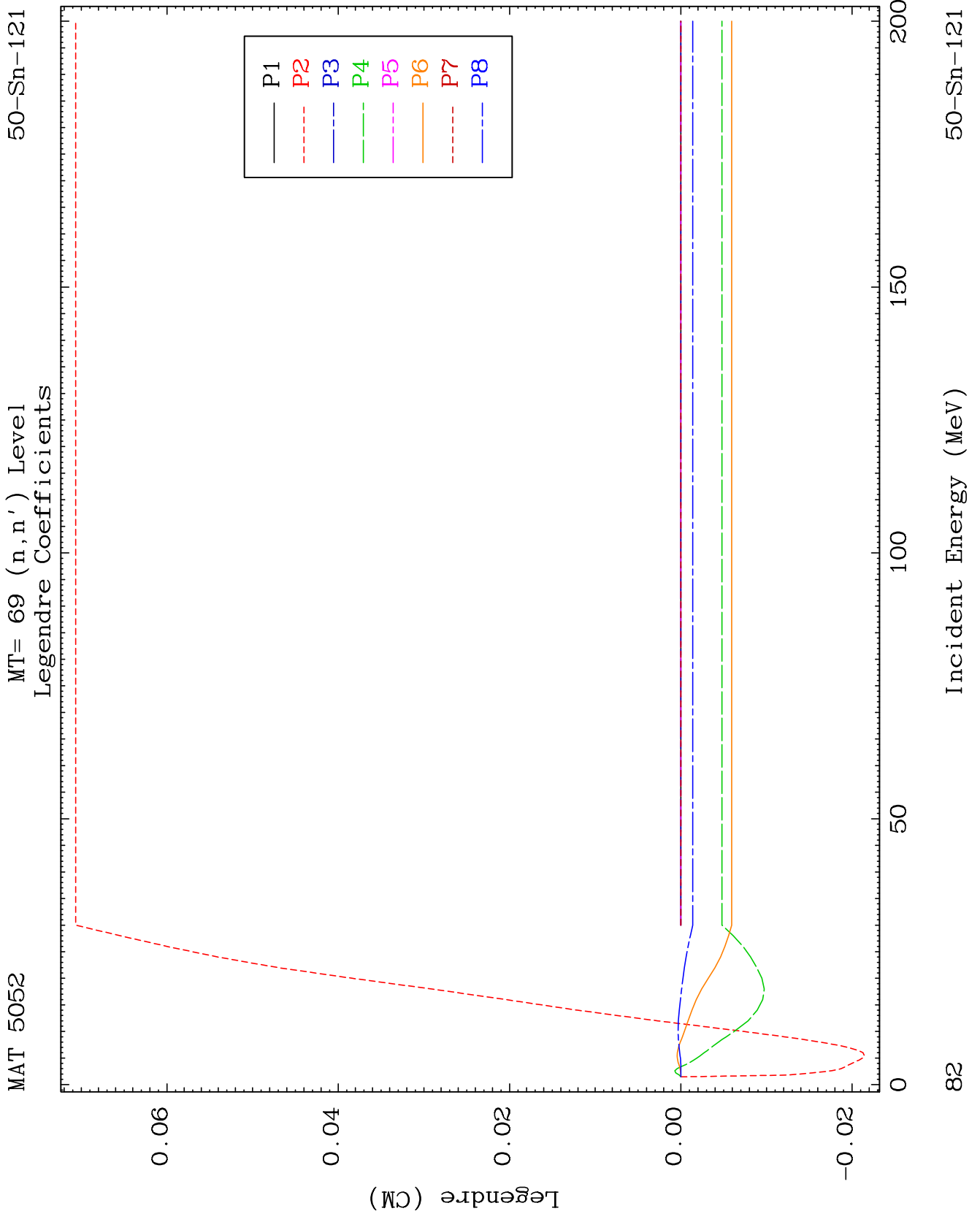
MT= 68 (n,n') Level
Legendre Coefficients

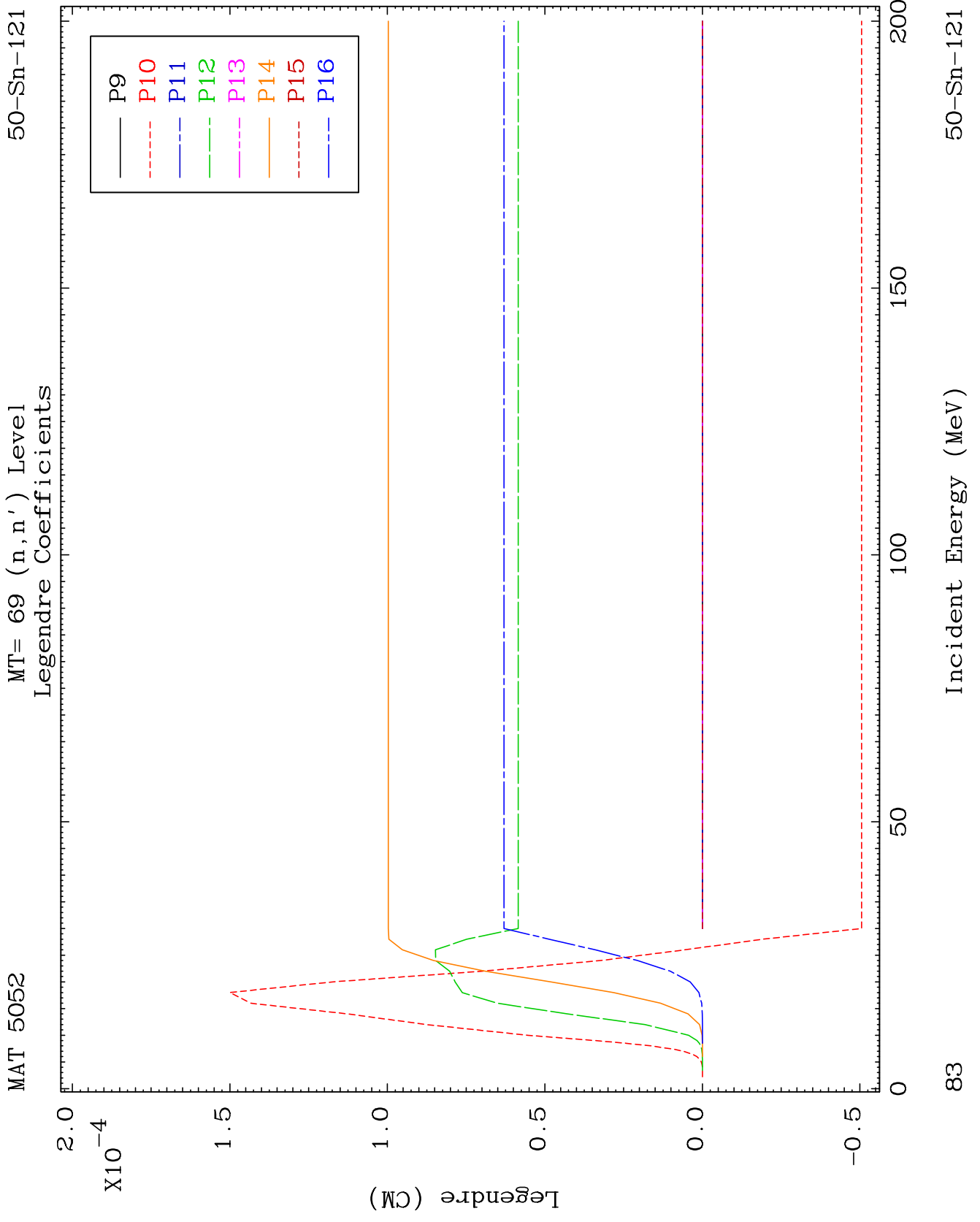
50-Sn-121



81

50-Sn-121

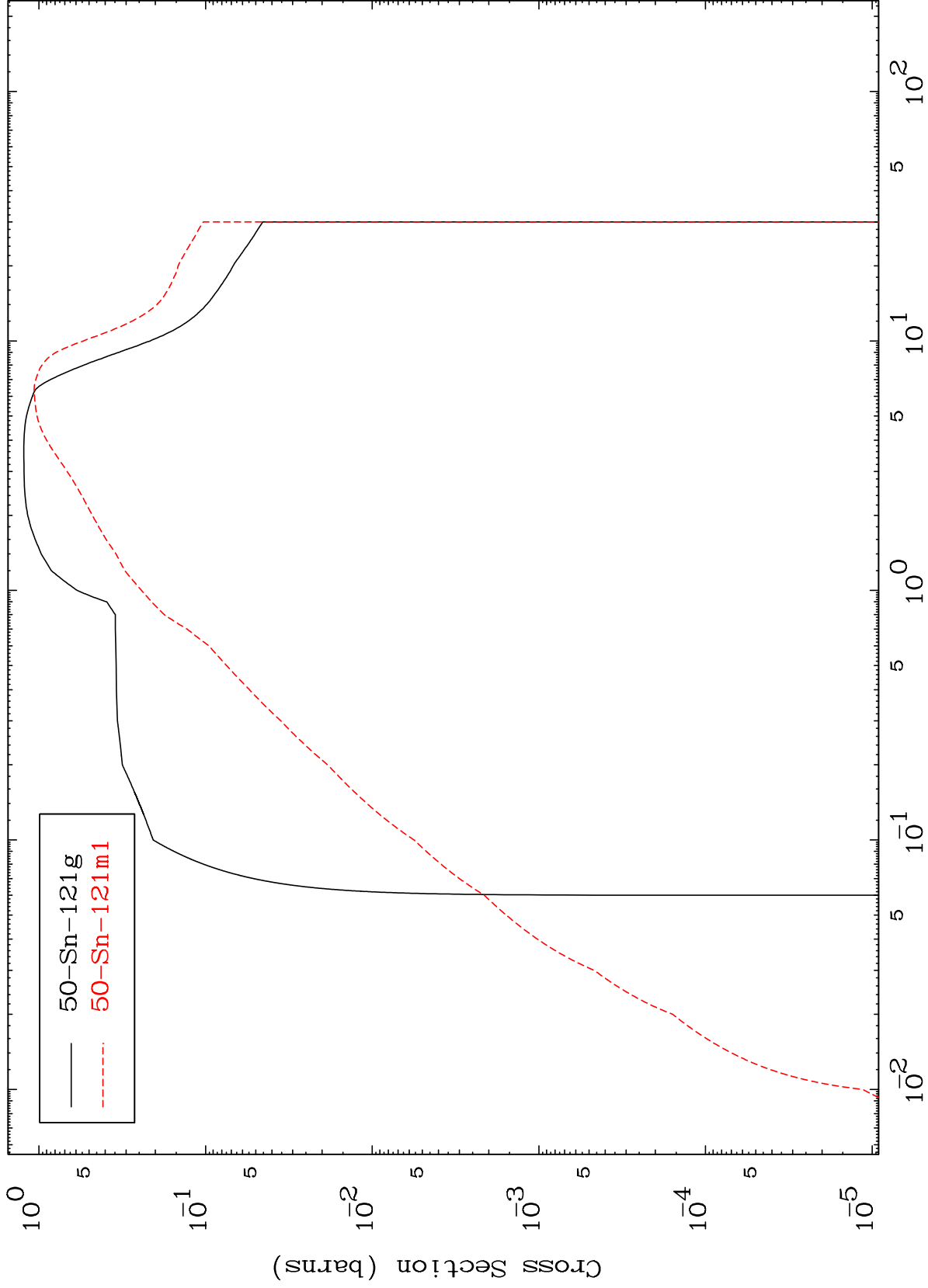




MAT 5052

50-Sn-121

Inelastic
Radionuclide Production Cross Section

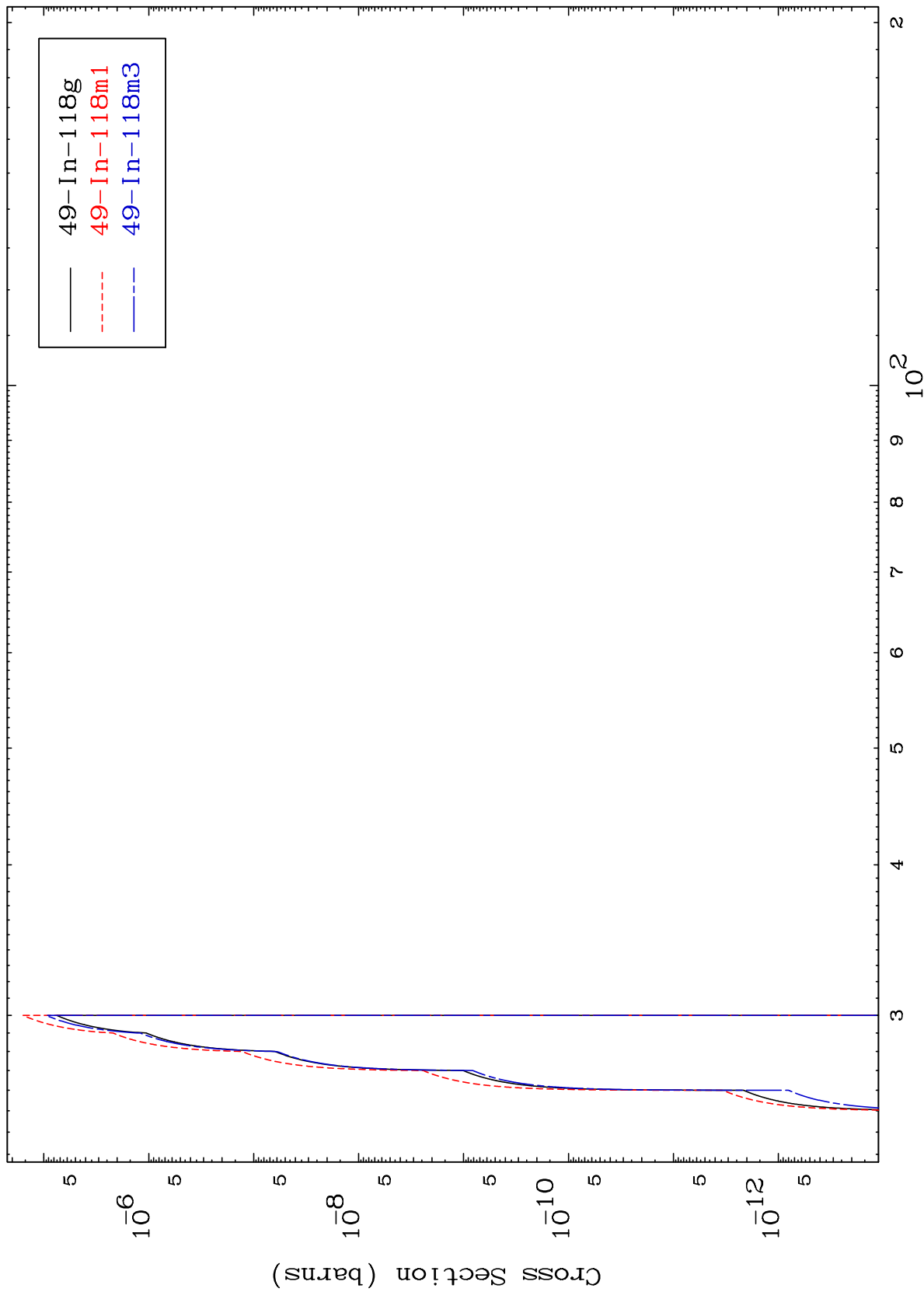


85

50-Sn-121

Incident Energy (MeV)

Radionuclide Production Cross Section

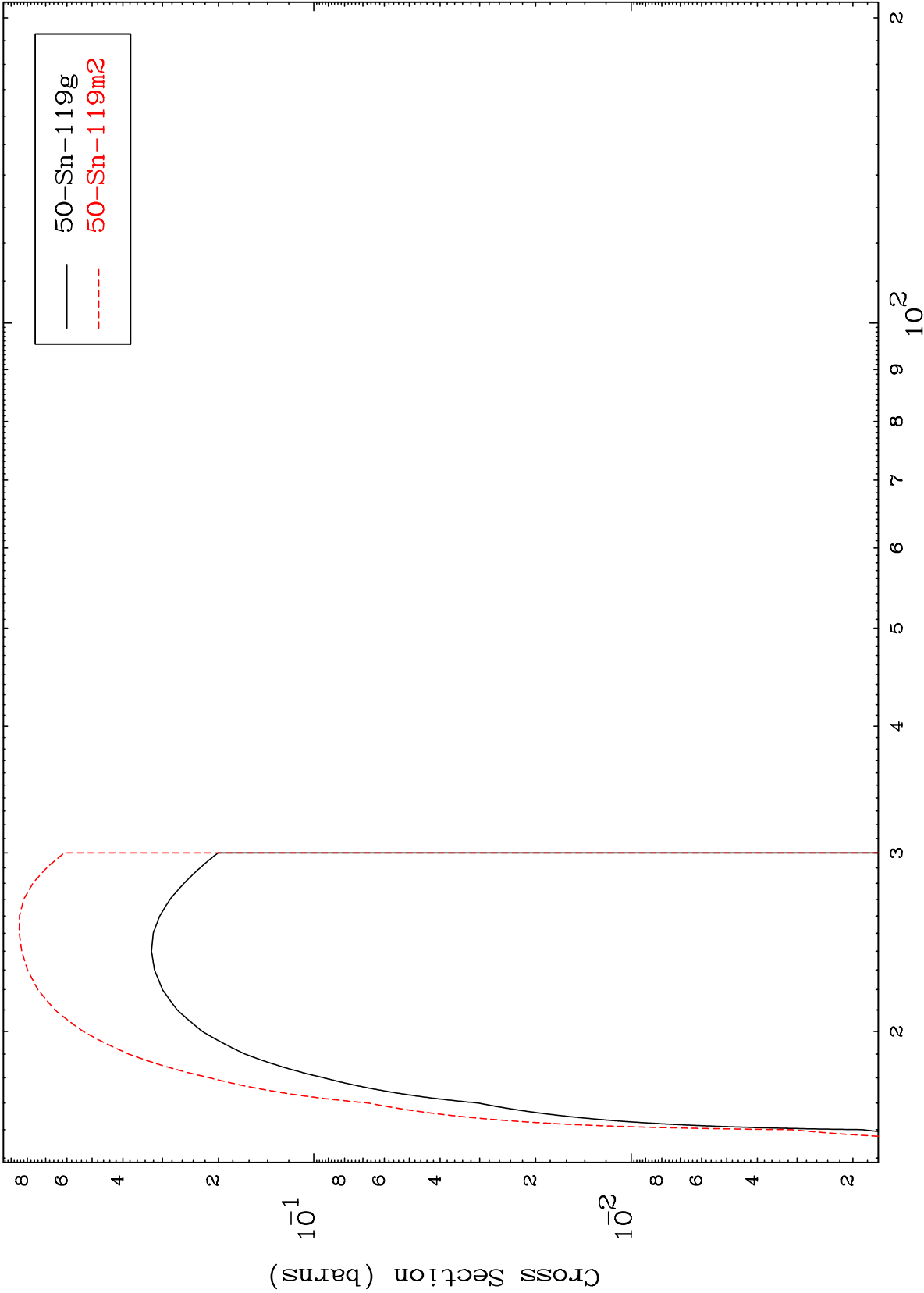


MAT 5052

(n,3n)

50-Sn-121

Radionuclide Production Cross Section



87

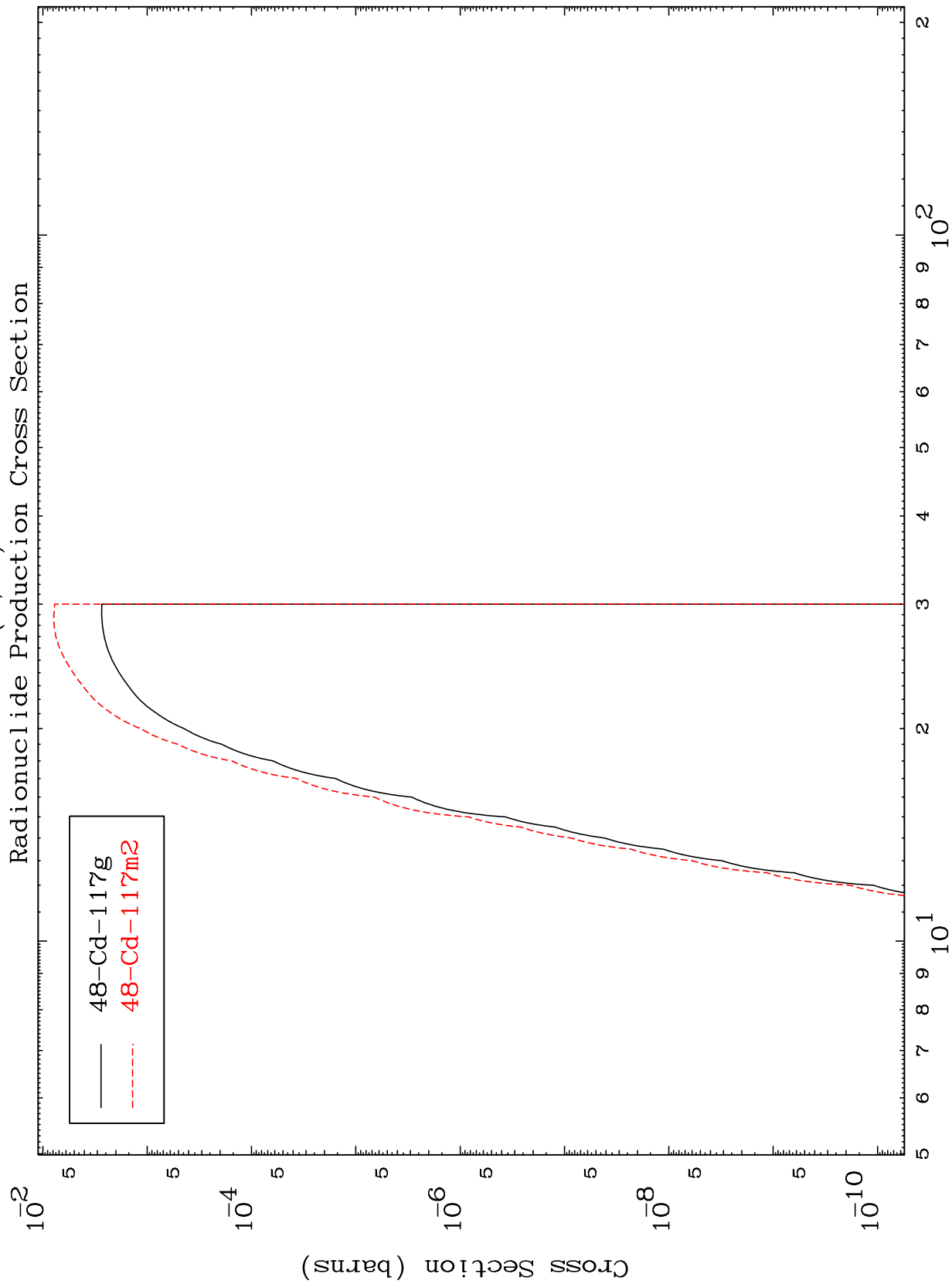
Incident Energy (MeV)

50-Sn-121

MAT 5052

50-Sn-121

(n,n') α



88

50-Sn-121

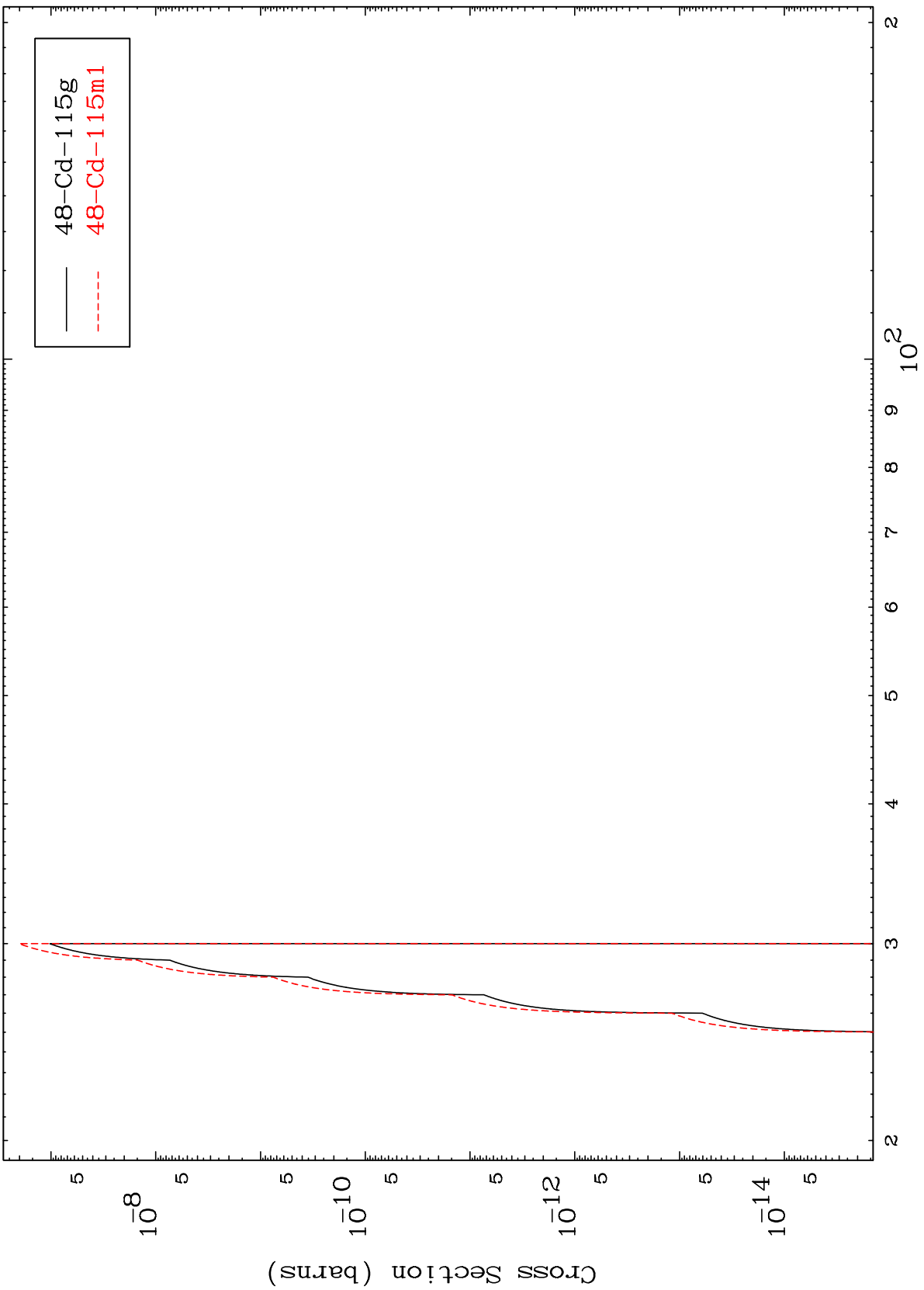
Incident Energy (MeV)

MAT 5052

(n,3n) α

50-Sn-121

Radionuclide Production Cross Section



89

Incident Energy (MeV)

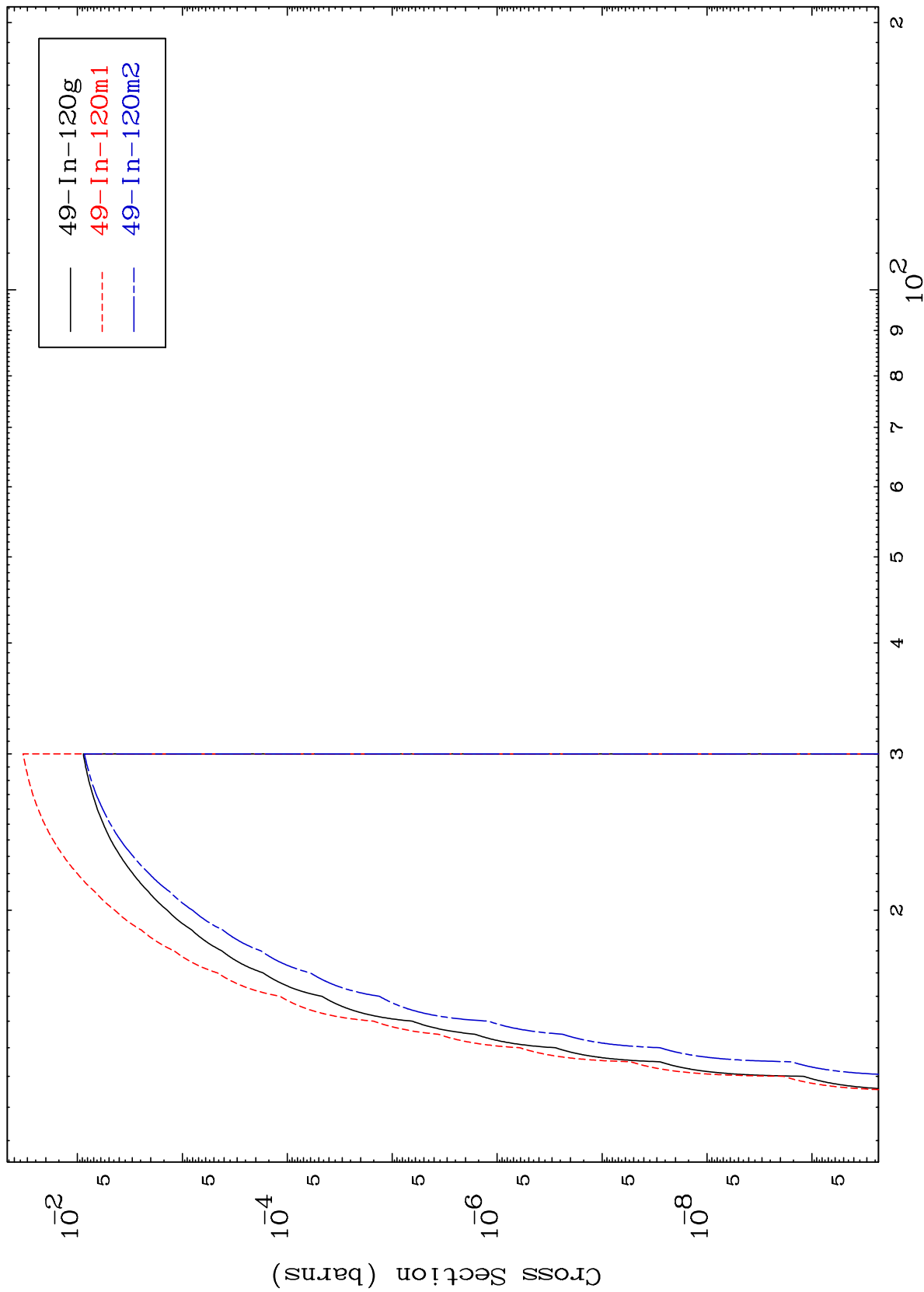
50-Sn-121

MAT 5052

(n,n') p

50-Sn-121

Radionuclide Production Cross Section

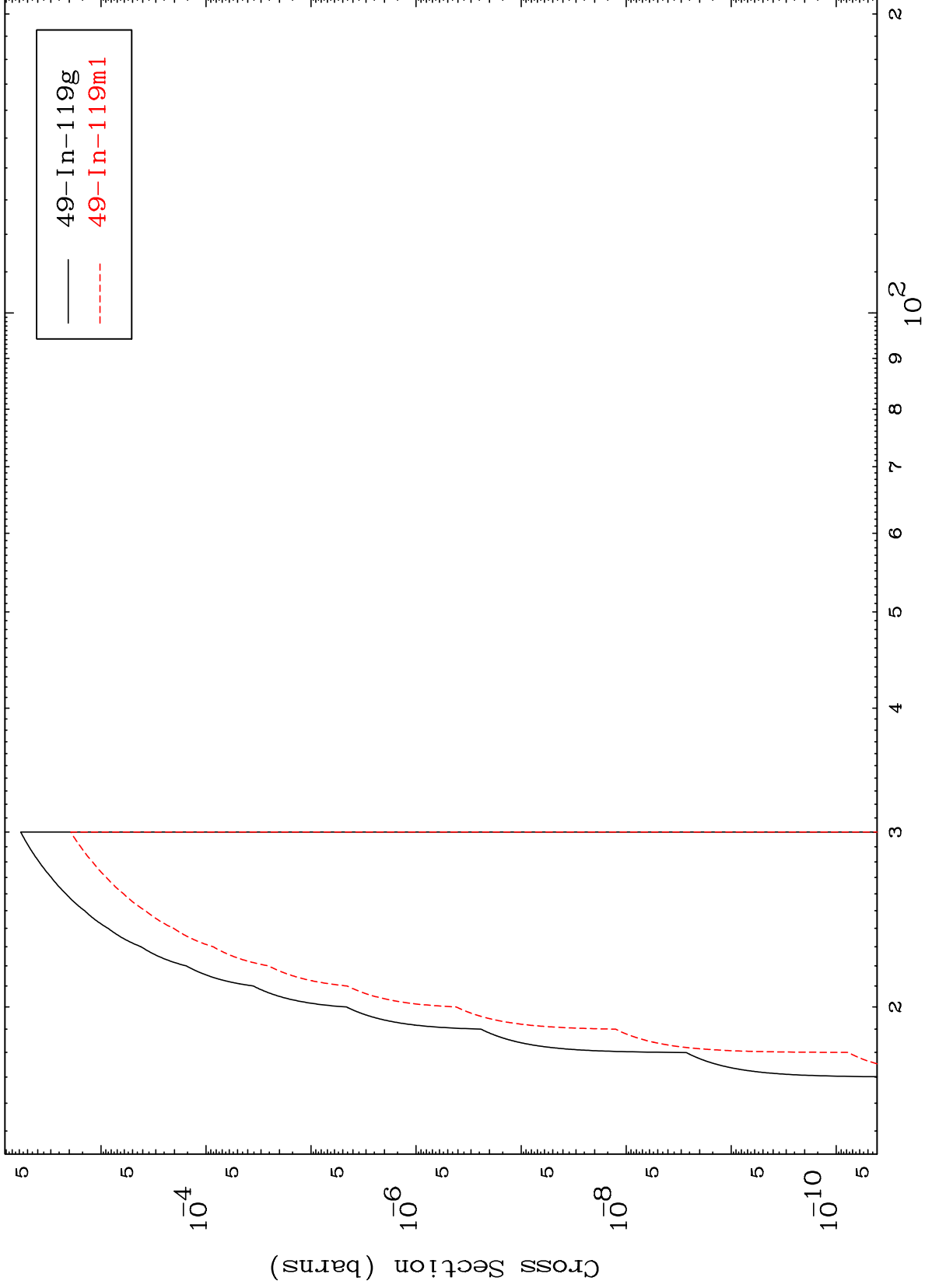


90

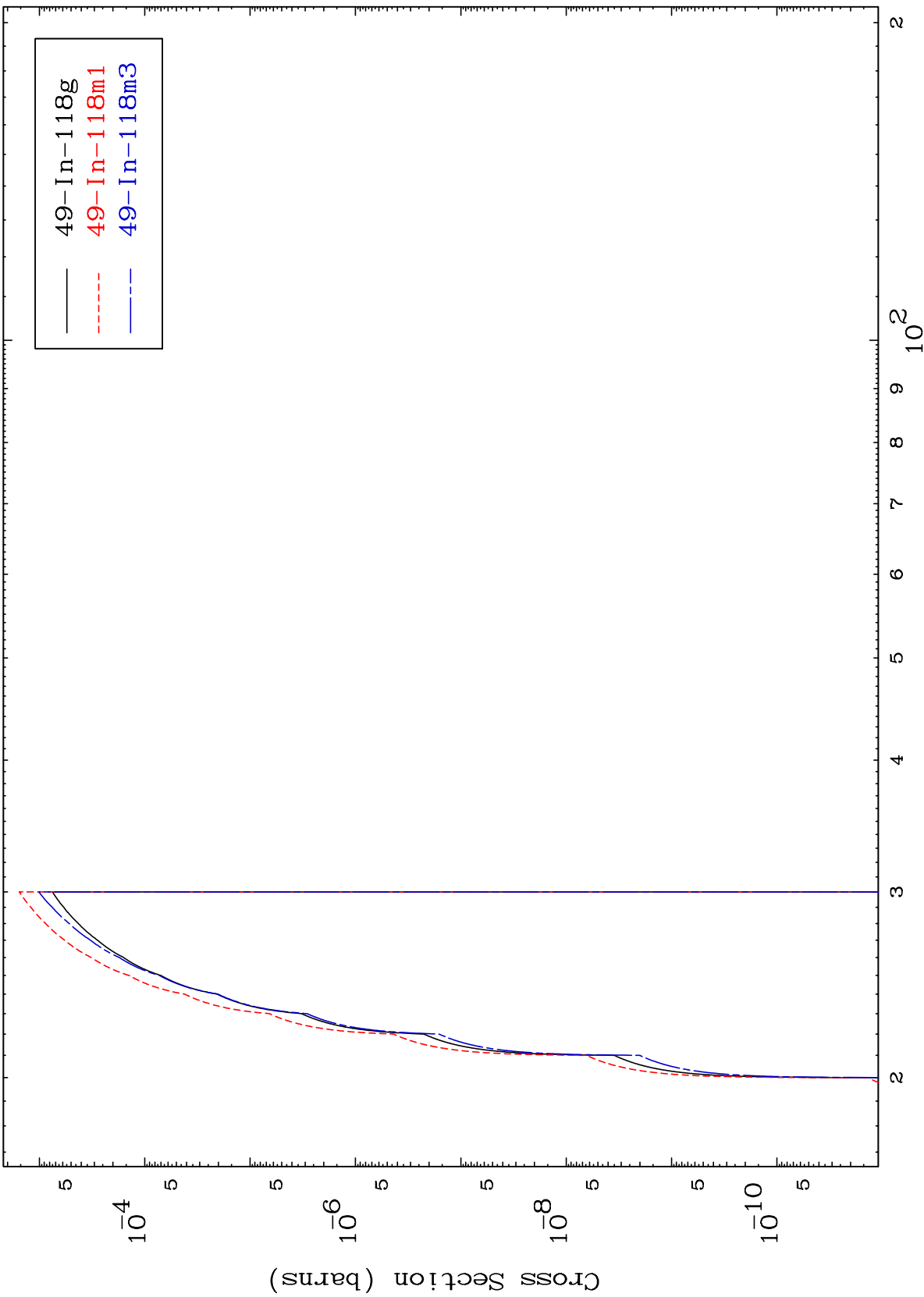
Incident Energy (MeV)

50-Sn-121

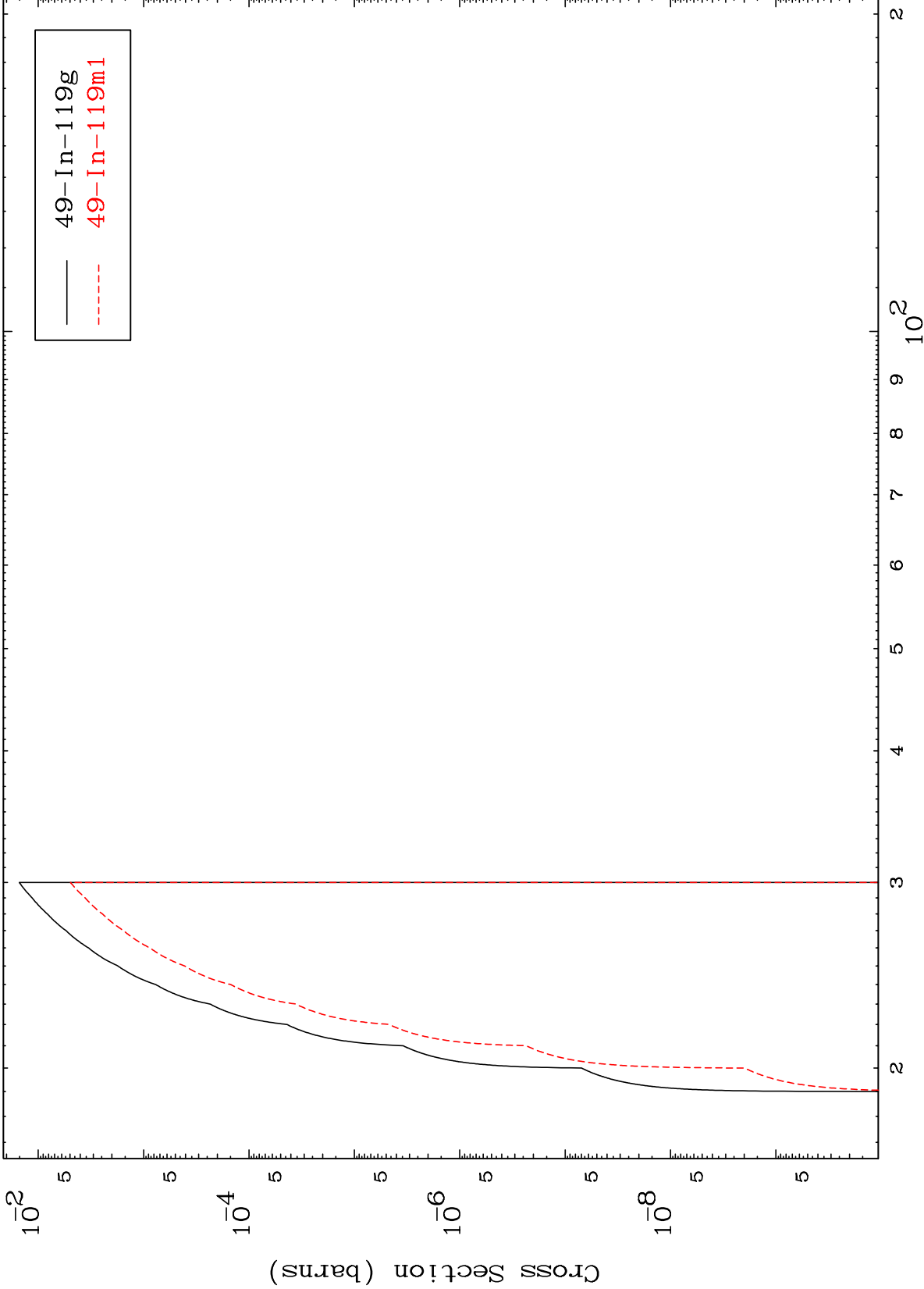
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



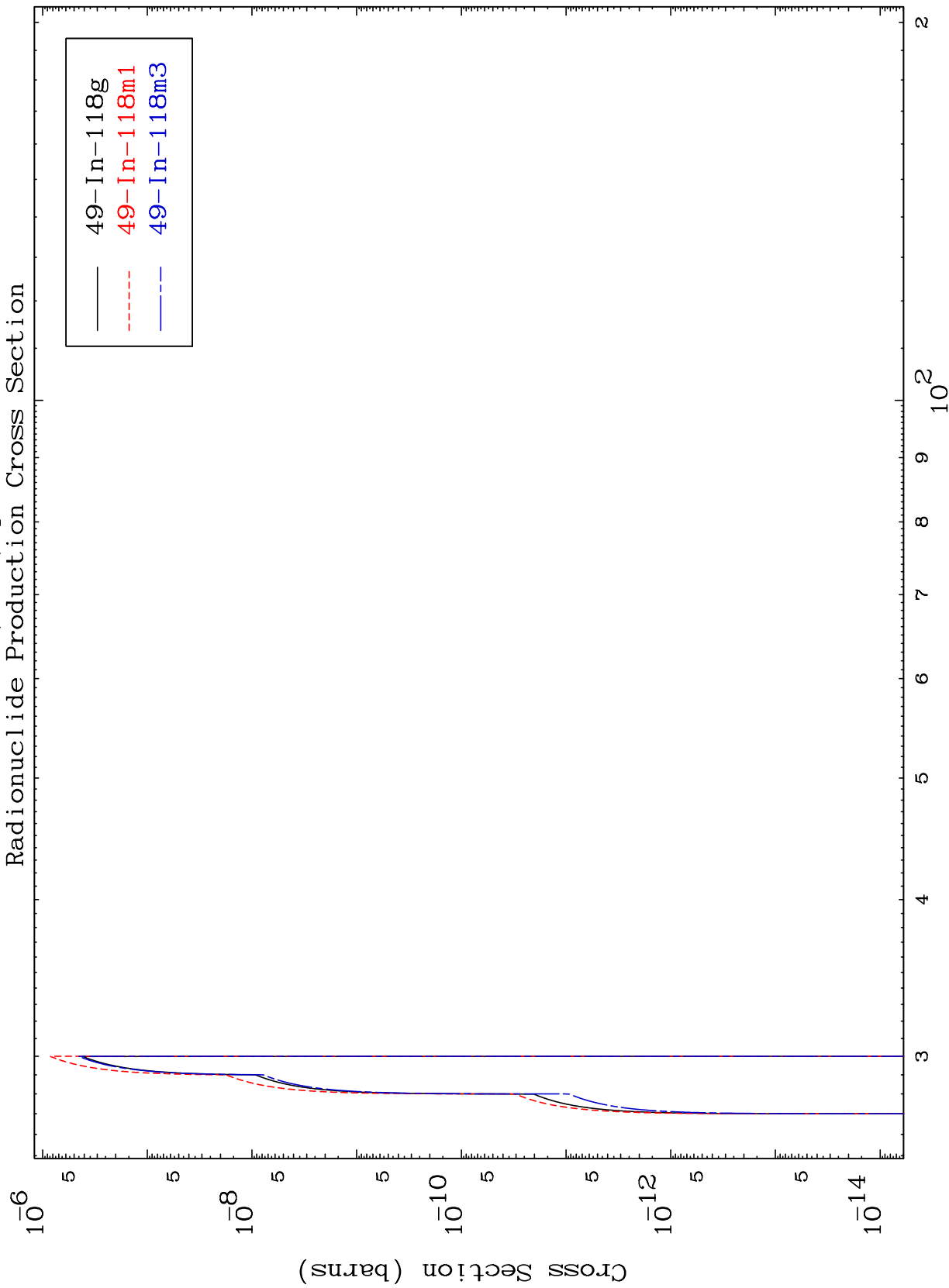
49-In-119g
49-In-119m1

MAT 5052

(n,3n) p

50-Sn-121

Radionuclide Production Cross Section



94

Incident Energy (MeV)

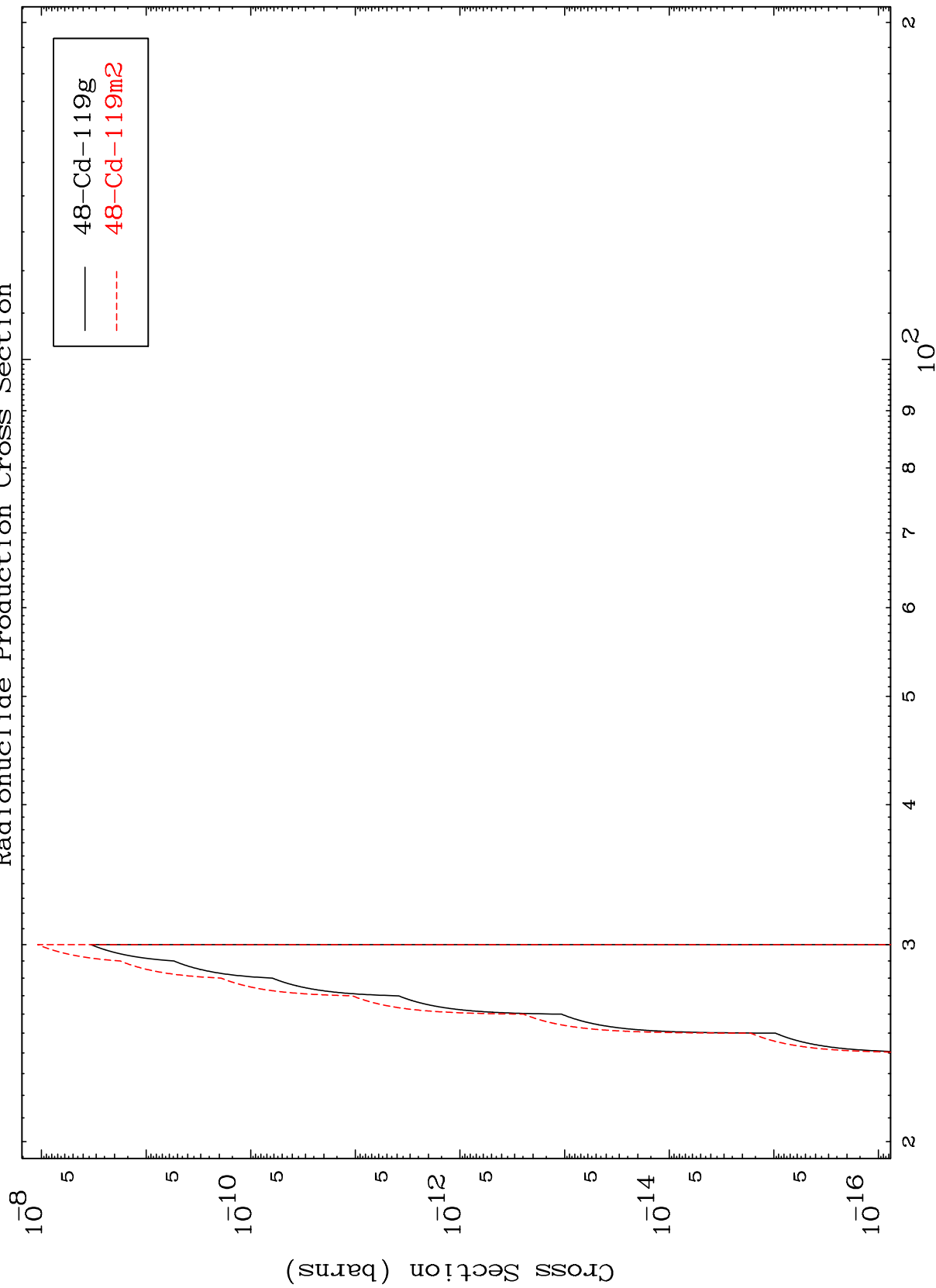
50-Sn-121

MAT 5052

(n,2n) p

50-Sn-121

Radionuclide Production Cross Section



95

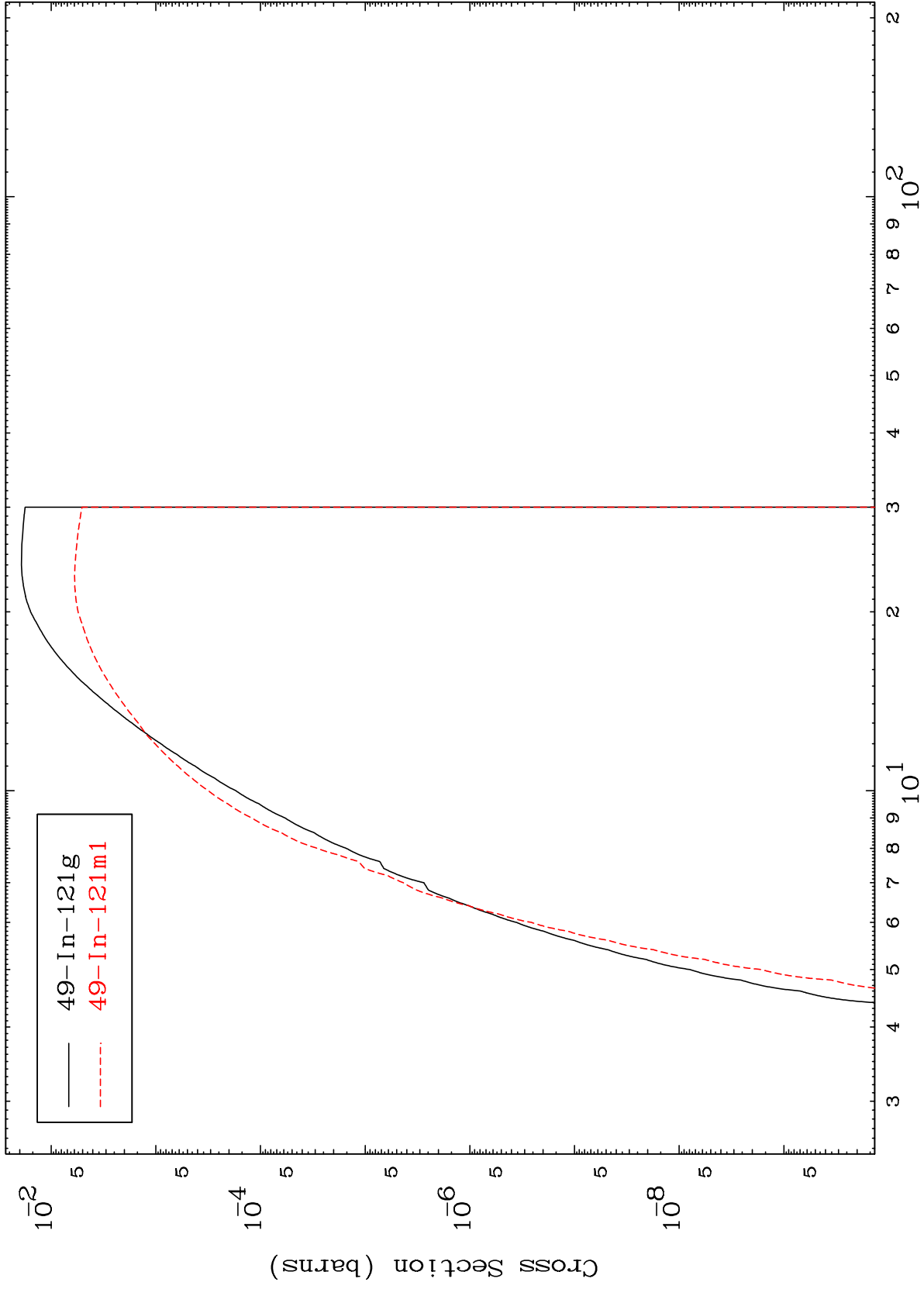
Incident Energy (MeV)

50-Sn-121

MAT 5052

50-Sn-121

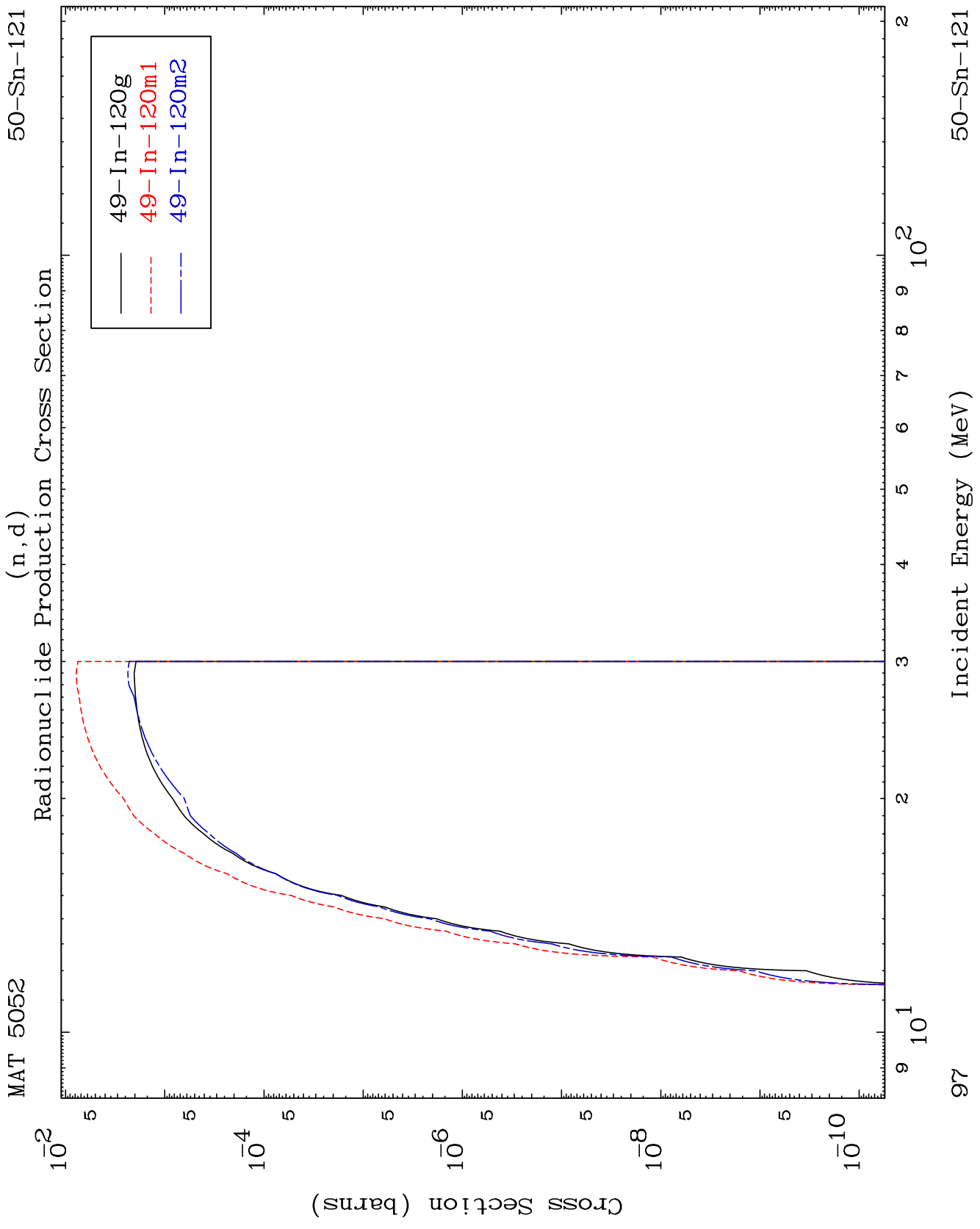
(n,p)
Radionuclide Production Cross Section



96

50-Sn-121

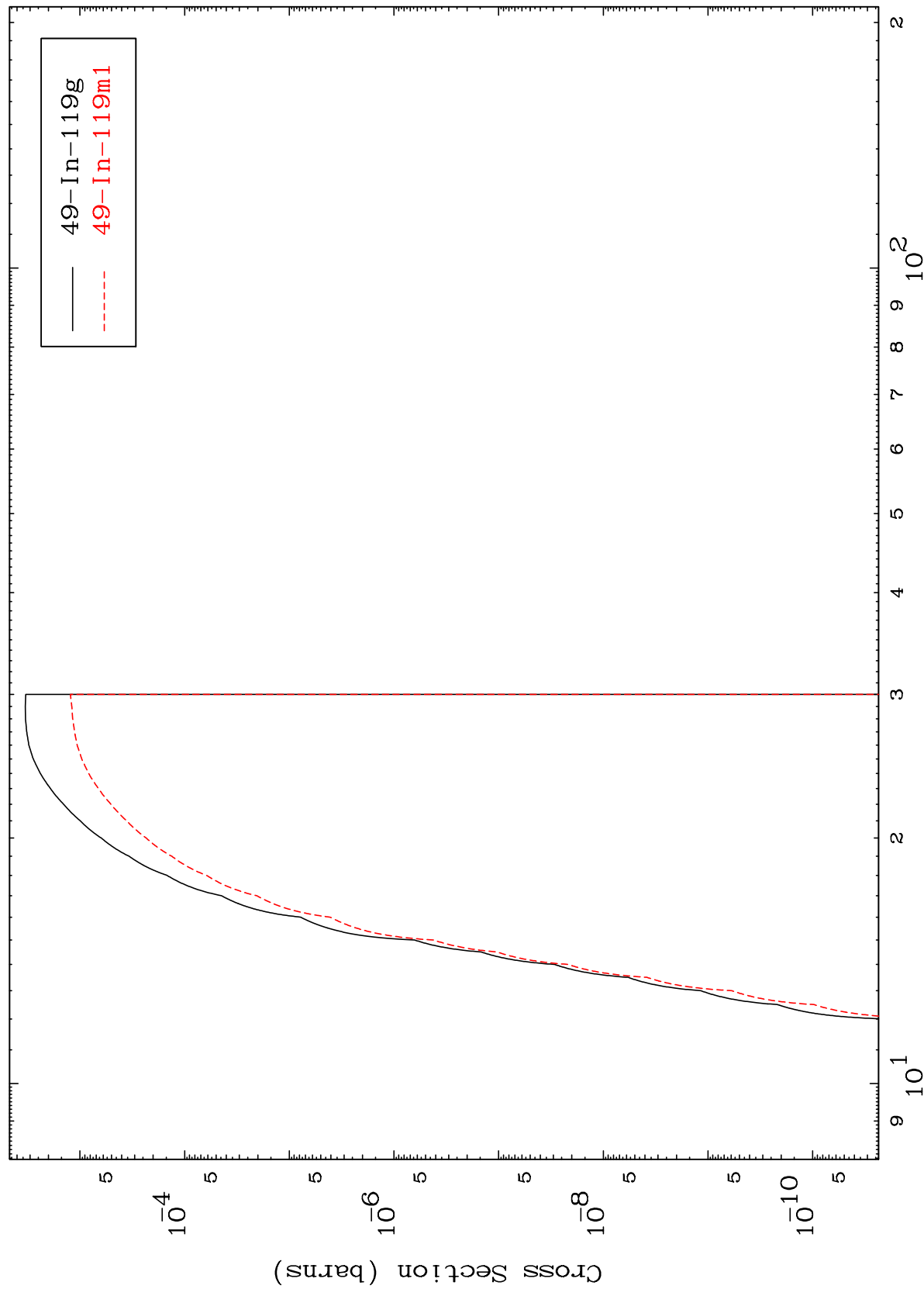
Incident Energy (MeV)



MAT 5052

50-Sn-121

(n,t)
Radionuclide Production Cross Section

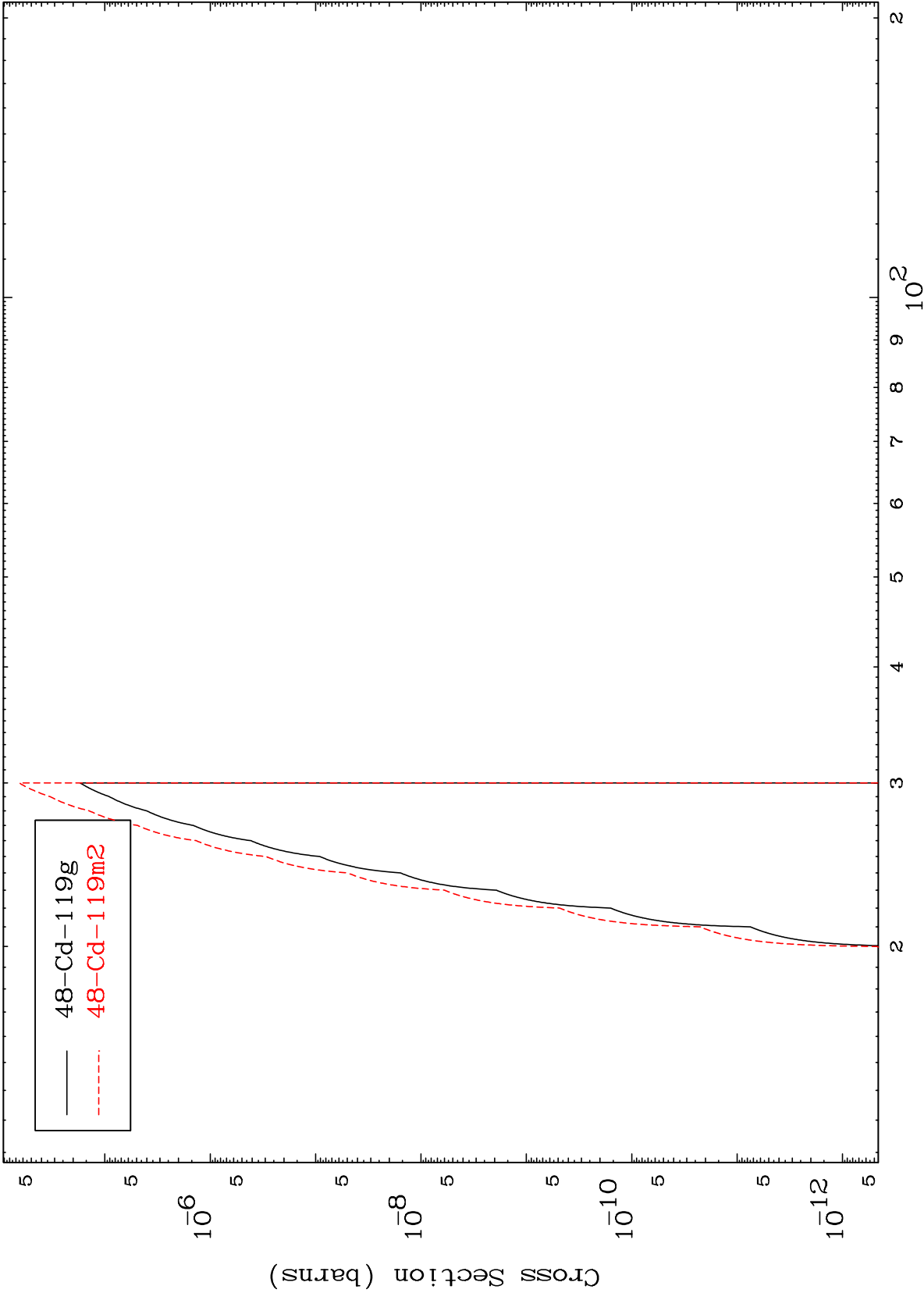


98

Incident Energy (MeV)

50-Sn-121

Radionuclide Production Cross Section

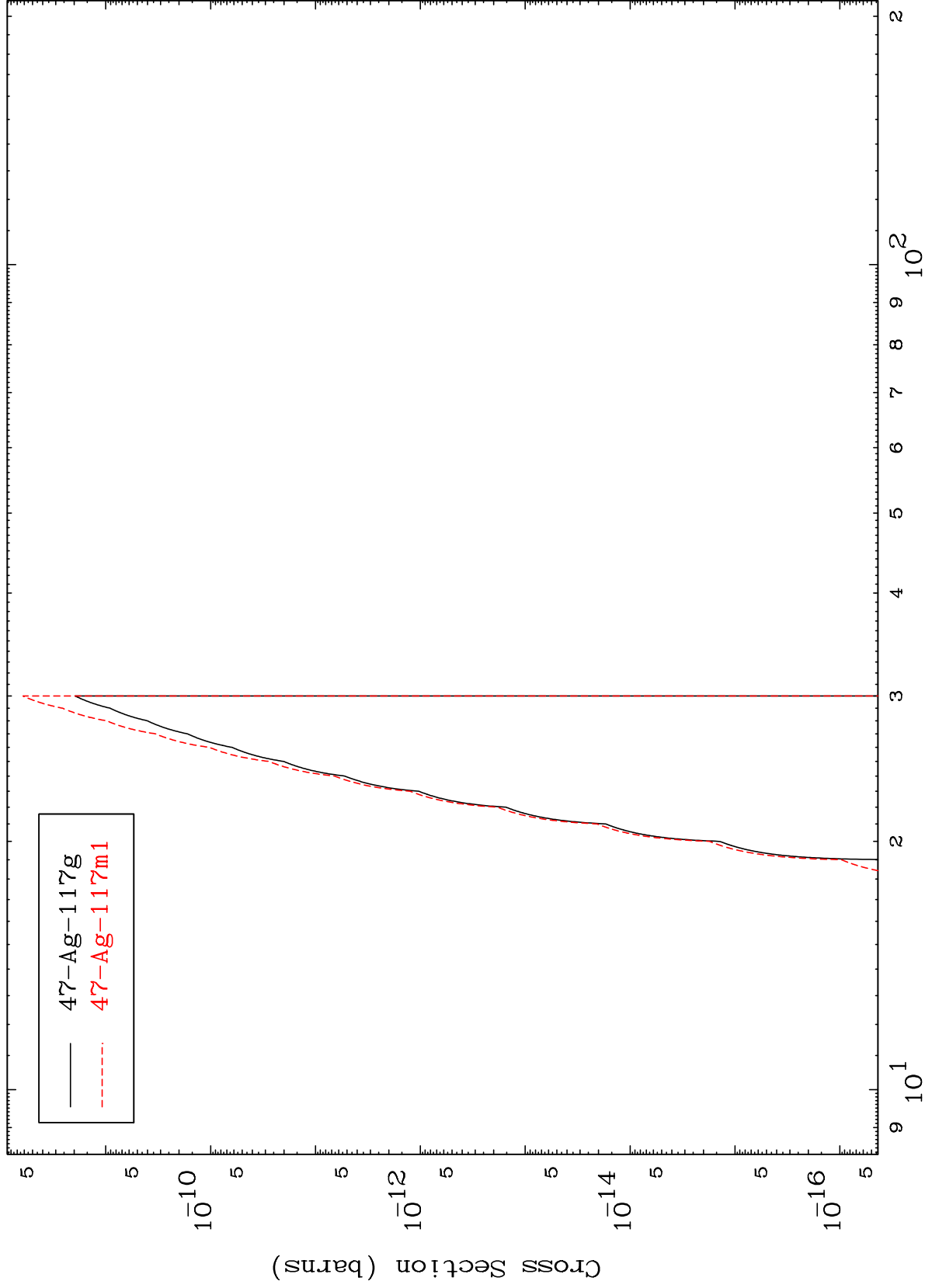


MAT 5052

50-Sn-121

(n,p) α

Radionuclide Production Cross Section



50-Sn-121

Incident Energy (MeV)

100