

Program EVALPLOT
(Version 2021-1)

by

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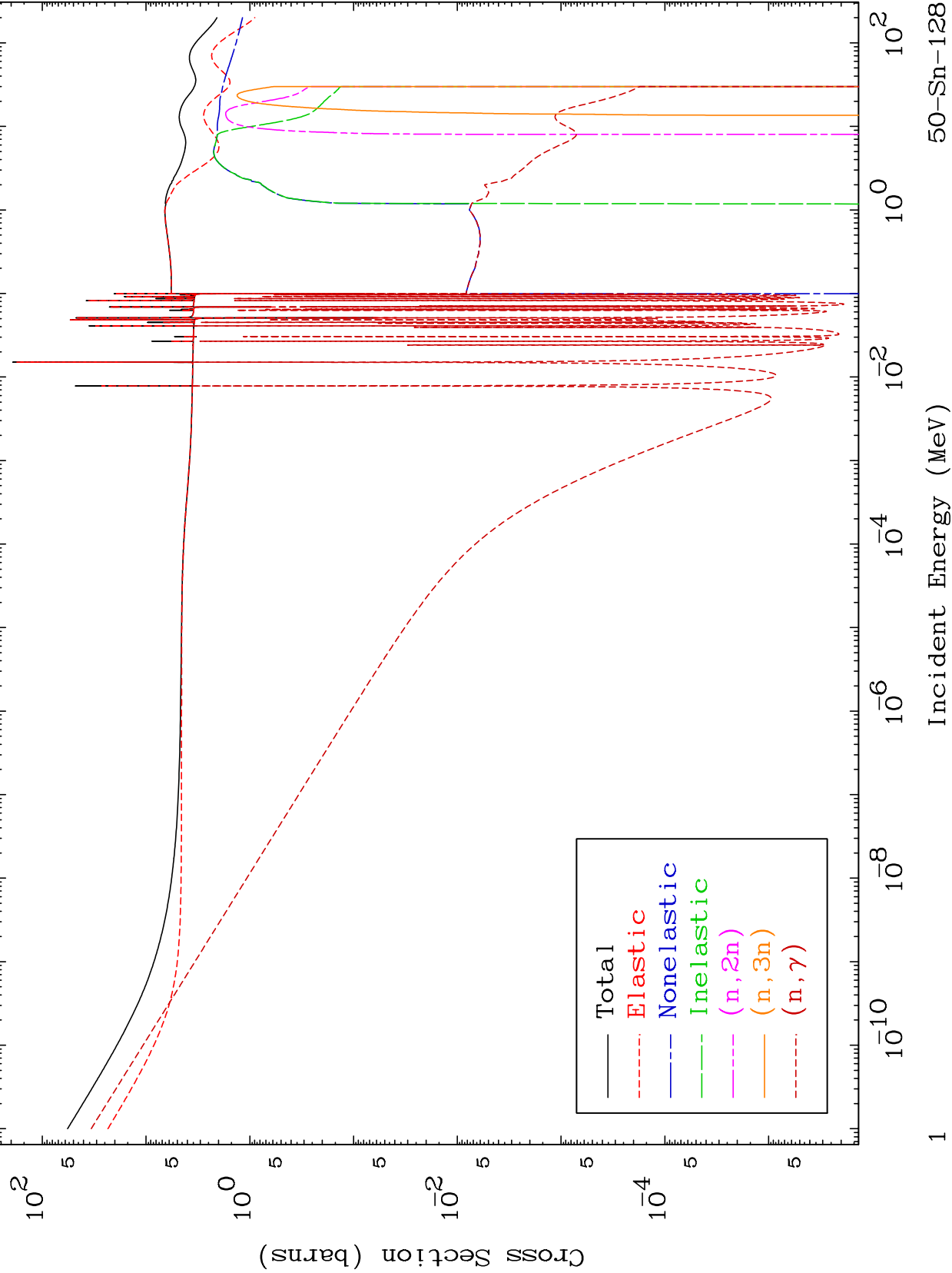
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5073

Neutron Major
293 Kelvin Cross Sections

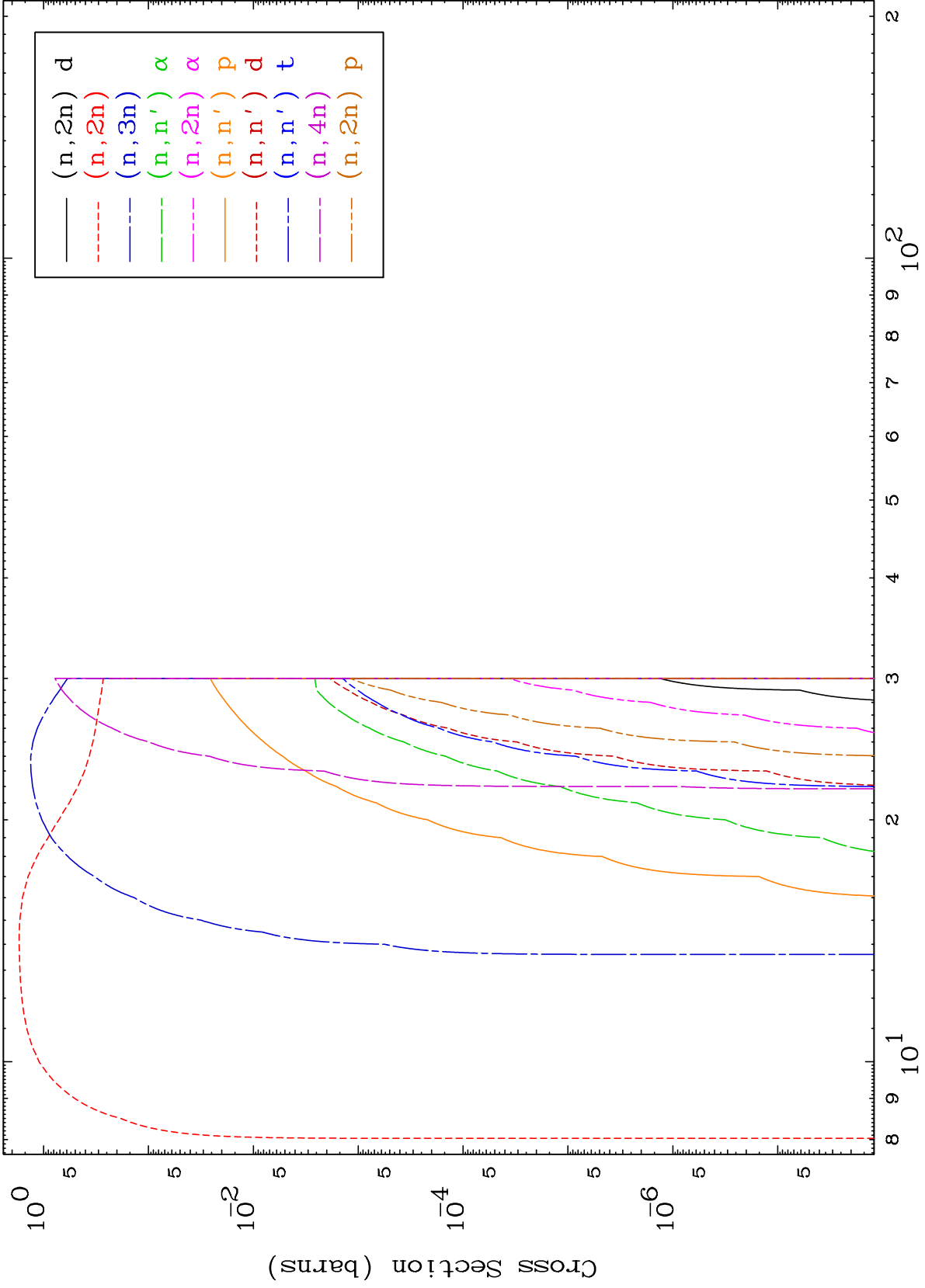
50-Sn-128



MAT 5073

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-128



2

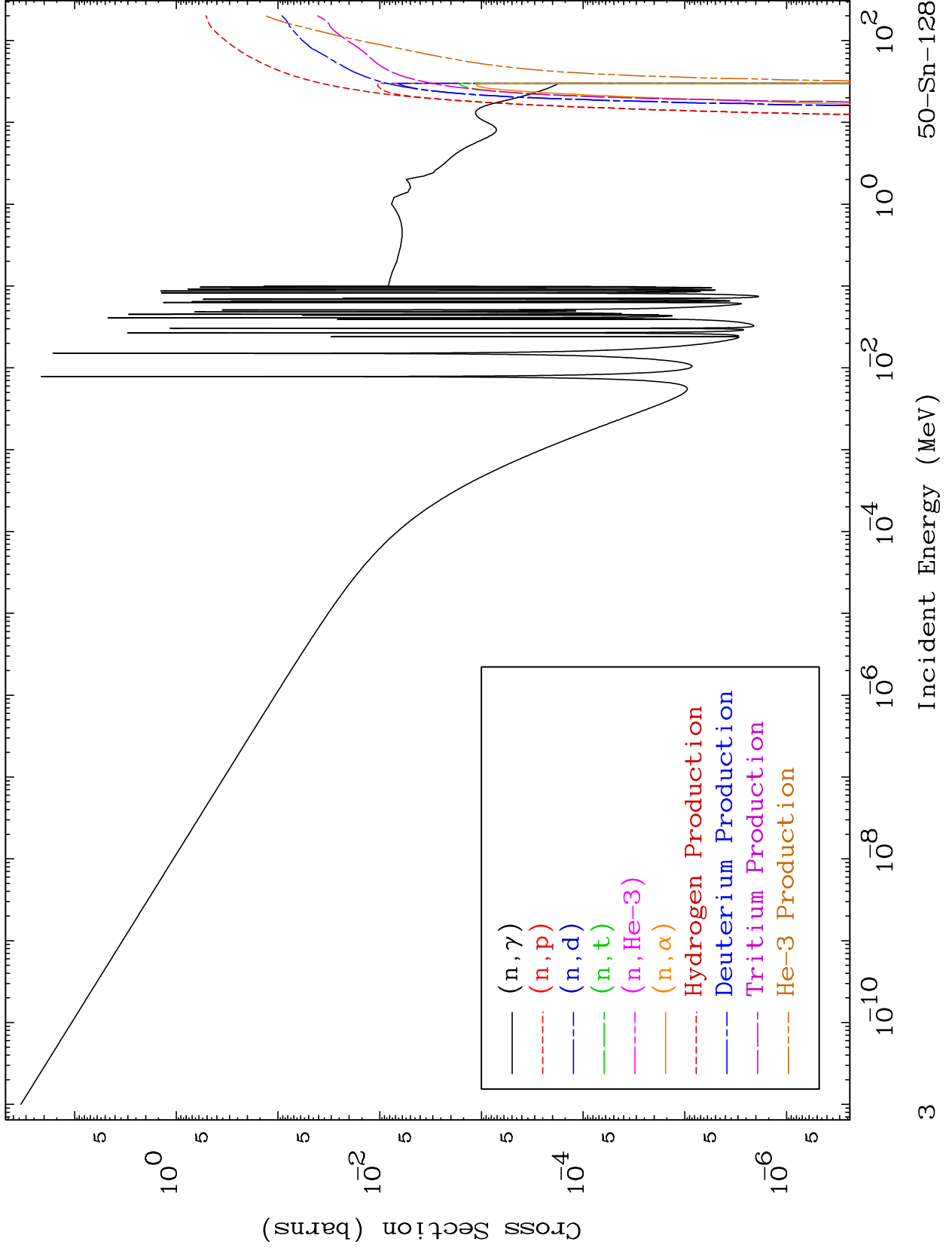
Incident Energy (MeV)

50-Sn-128

MAT 5073

Neutron Absorption
293 Kelvin Cross Sections

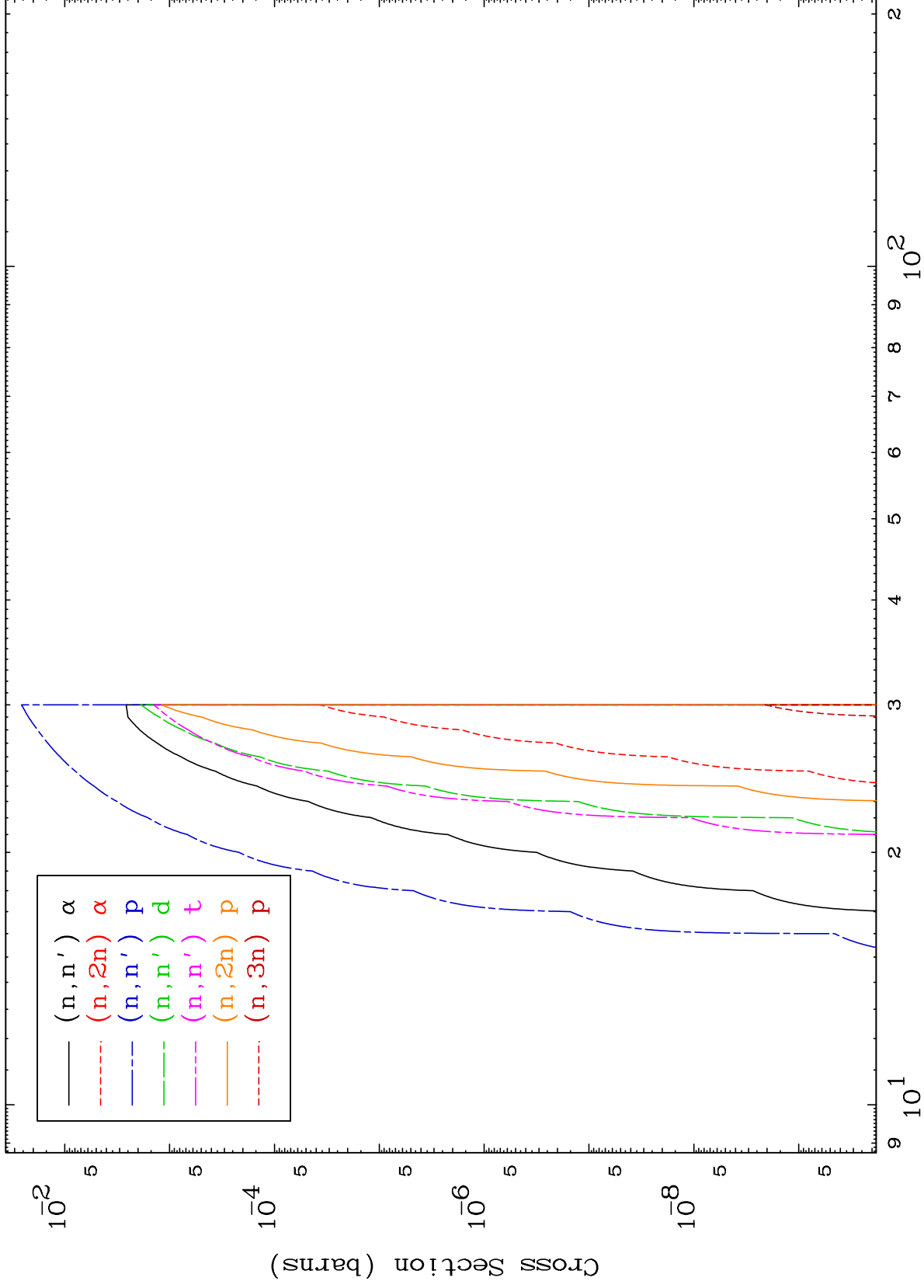
50-Sn-128



MAT 5073

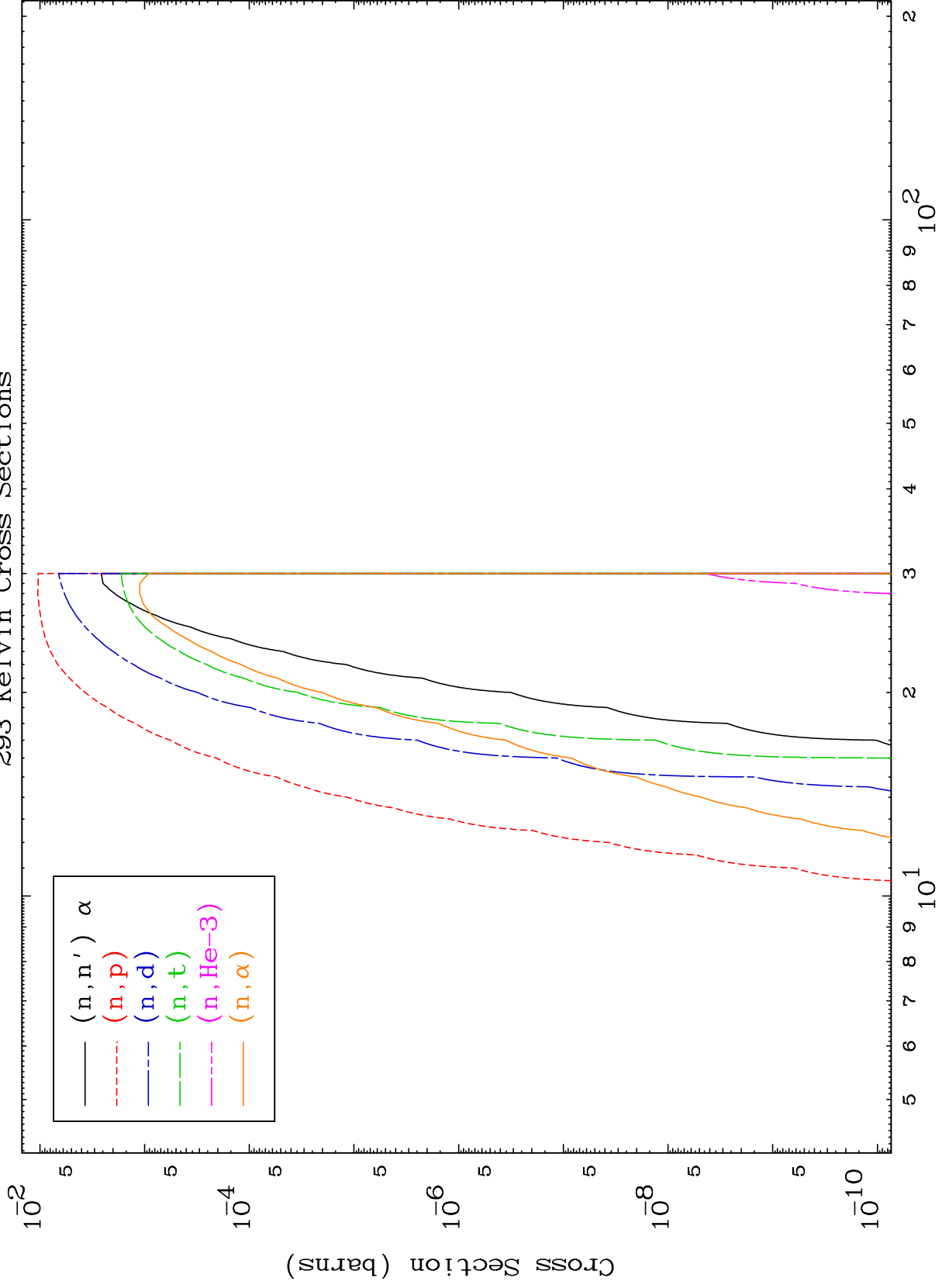
Charged Particle
293 Kelvin Cross Sections

50-Sn-128



Incident Energy (MeV)

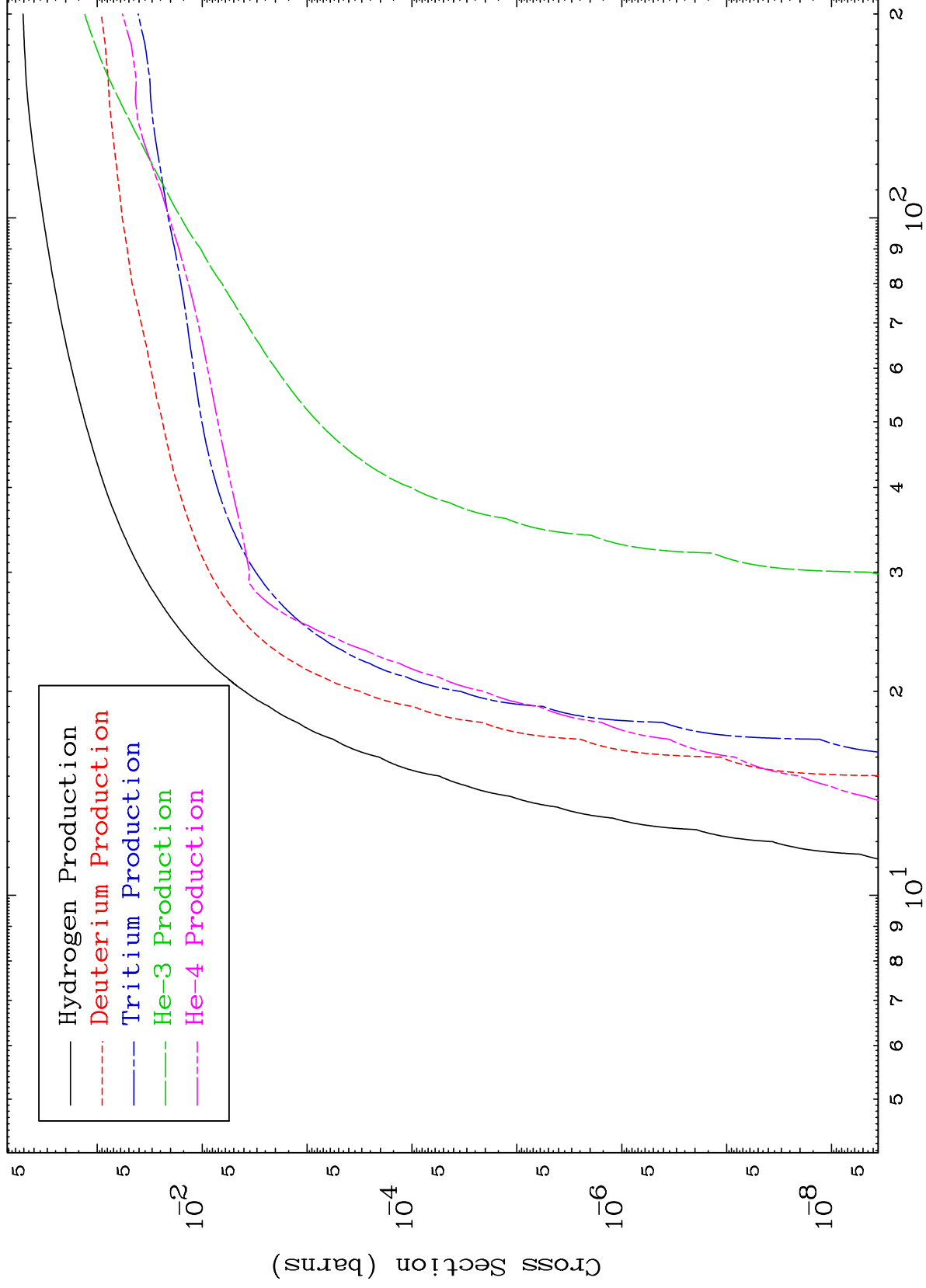
50-Sn-128



MAT 5073

Particle Production
293 Kelvin Cross Sections

50-Sn-128



6

Incident Energy (MeV)

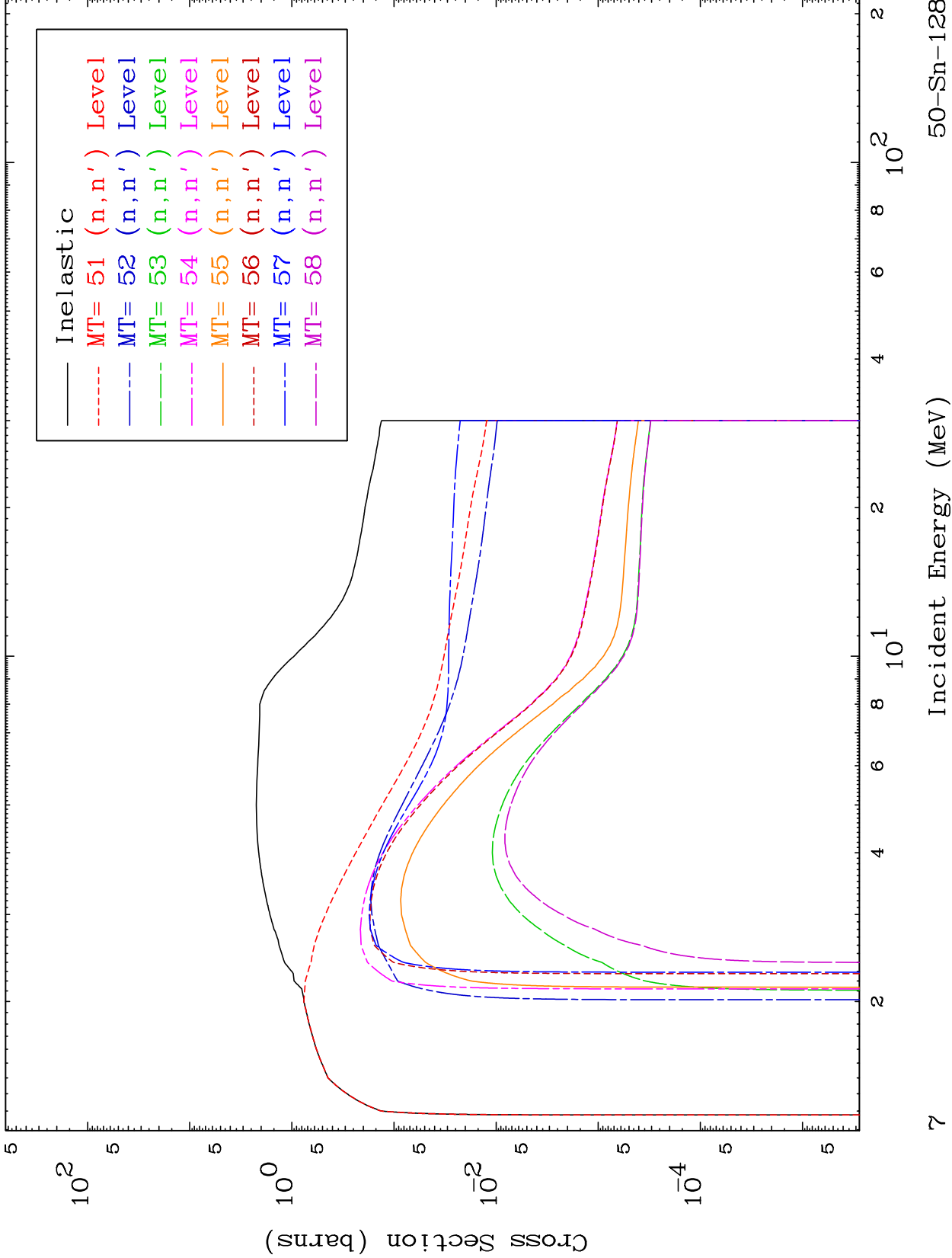
50-Sn-128

MAT 5073

(n,n') Levels

50-Sn-128

293 Kelvin Cross Sections

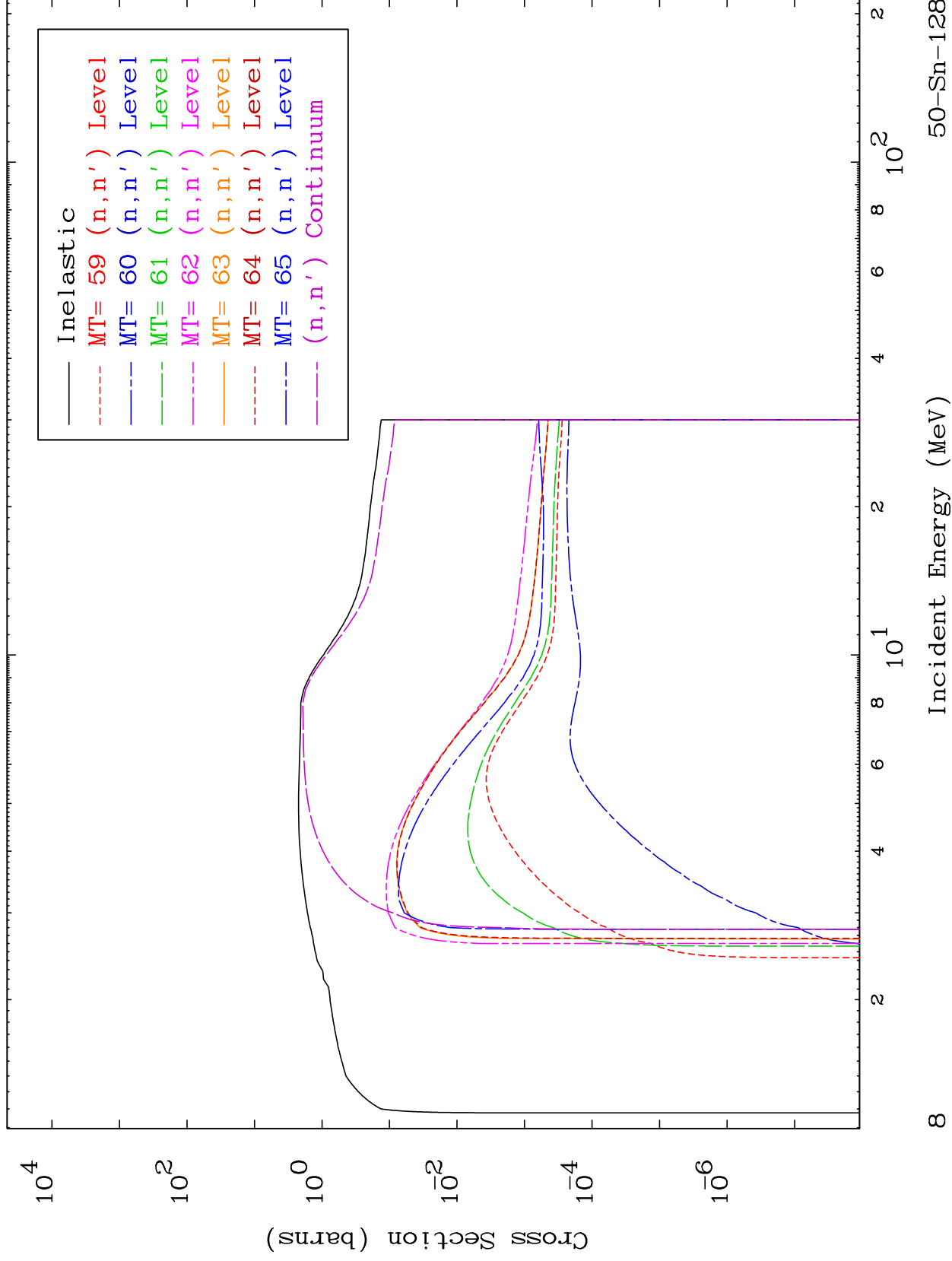


MAT 5073

(n,n') Levels

293 Kelvin Cross Sections

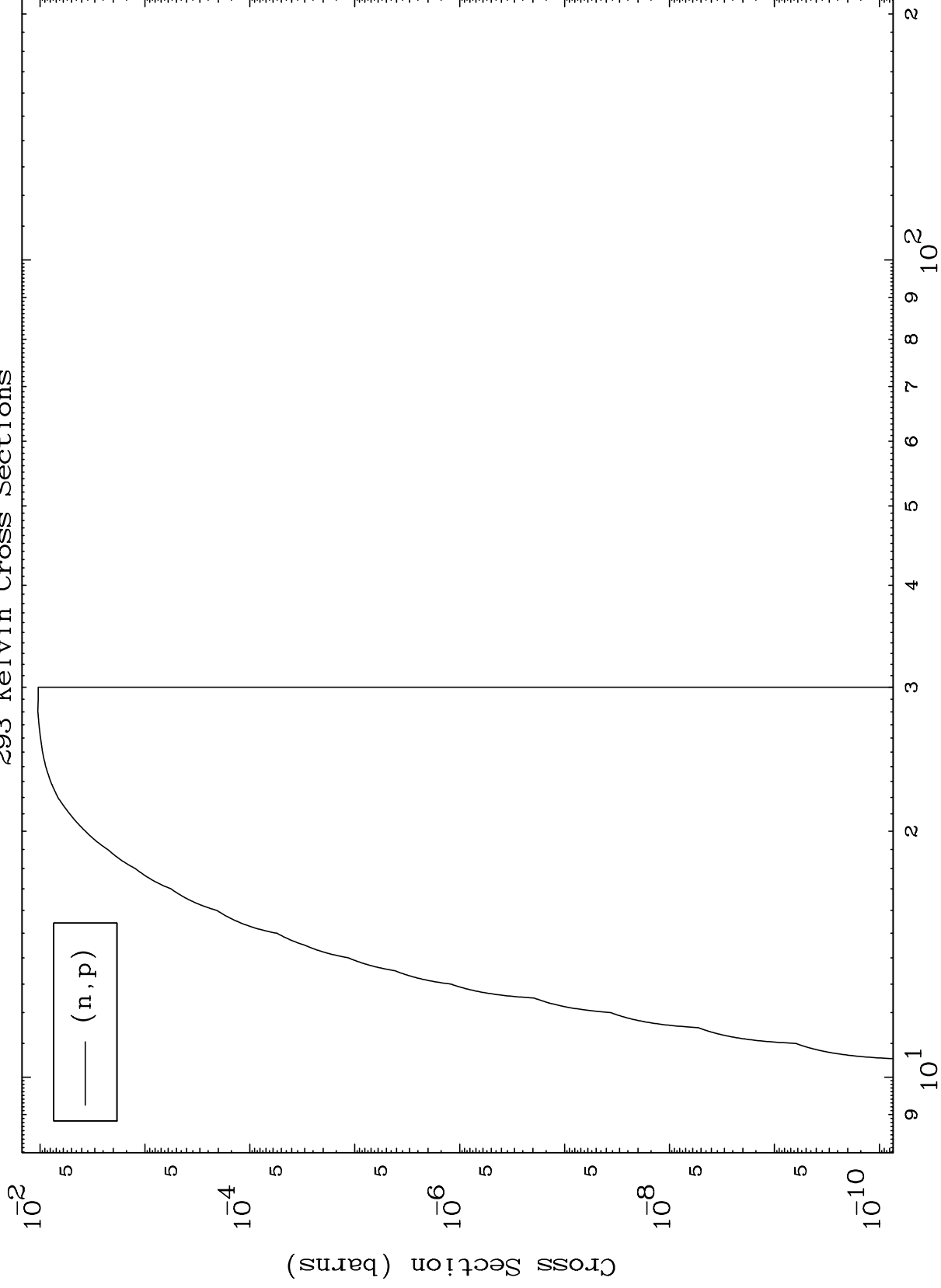
50-Sn-128



MAT 5073

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-128



9

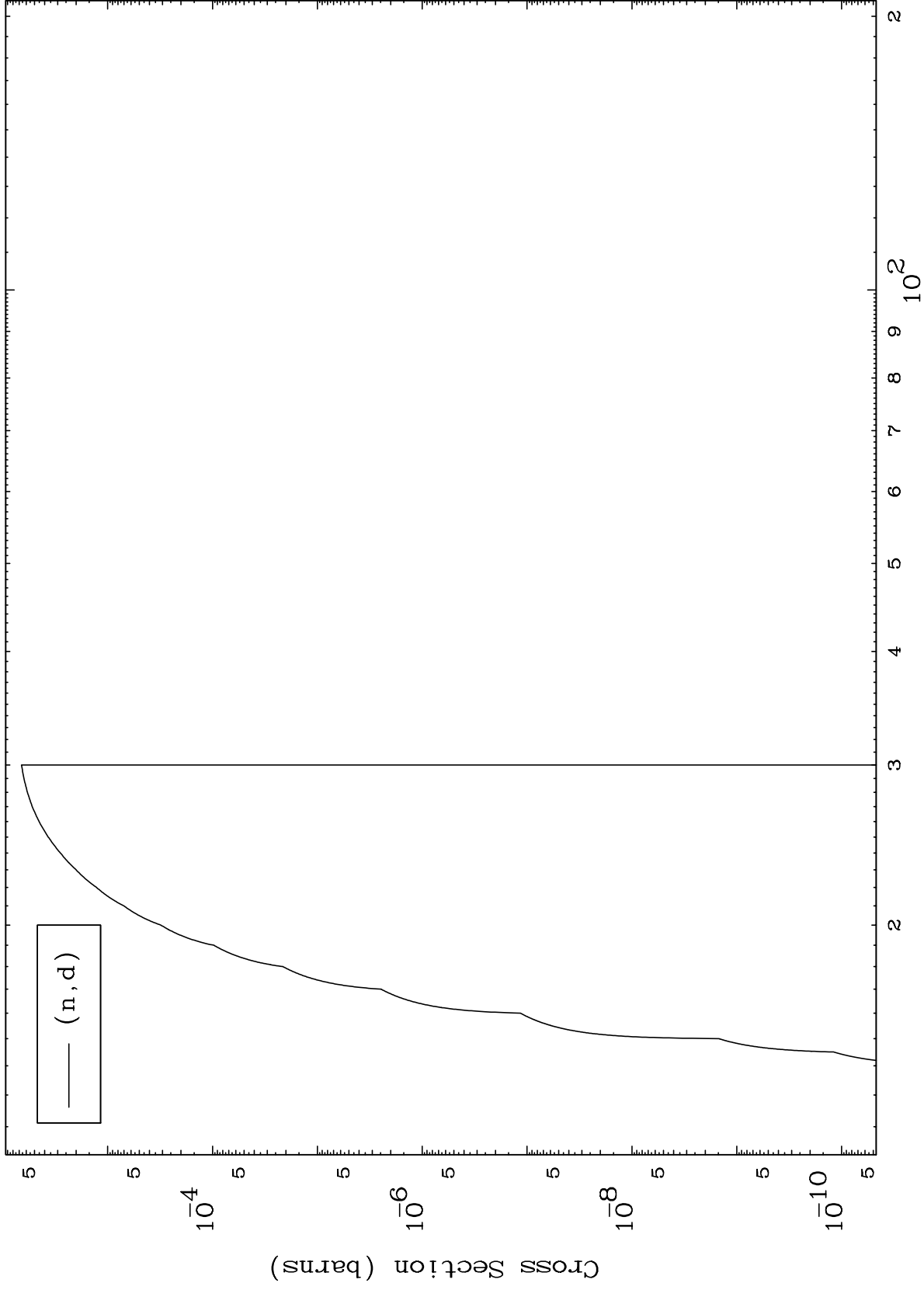
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,d) Levels
293 Kelvin Cross Sections

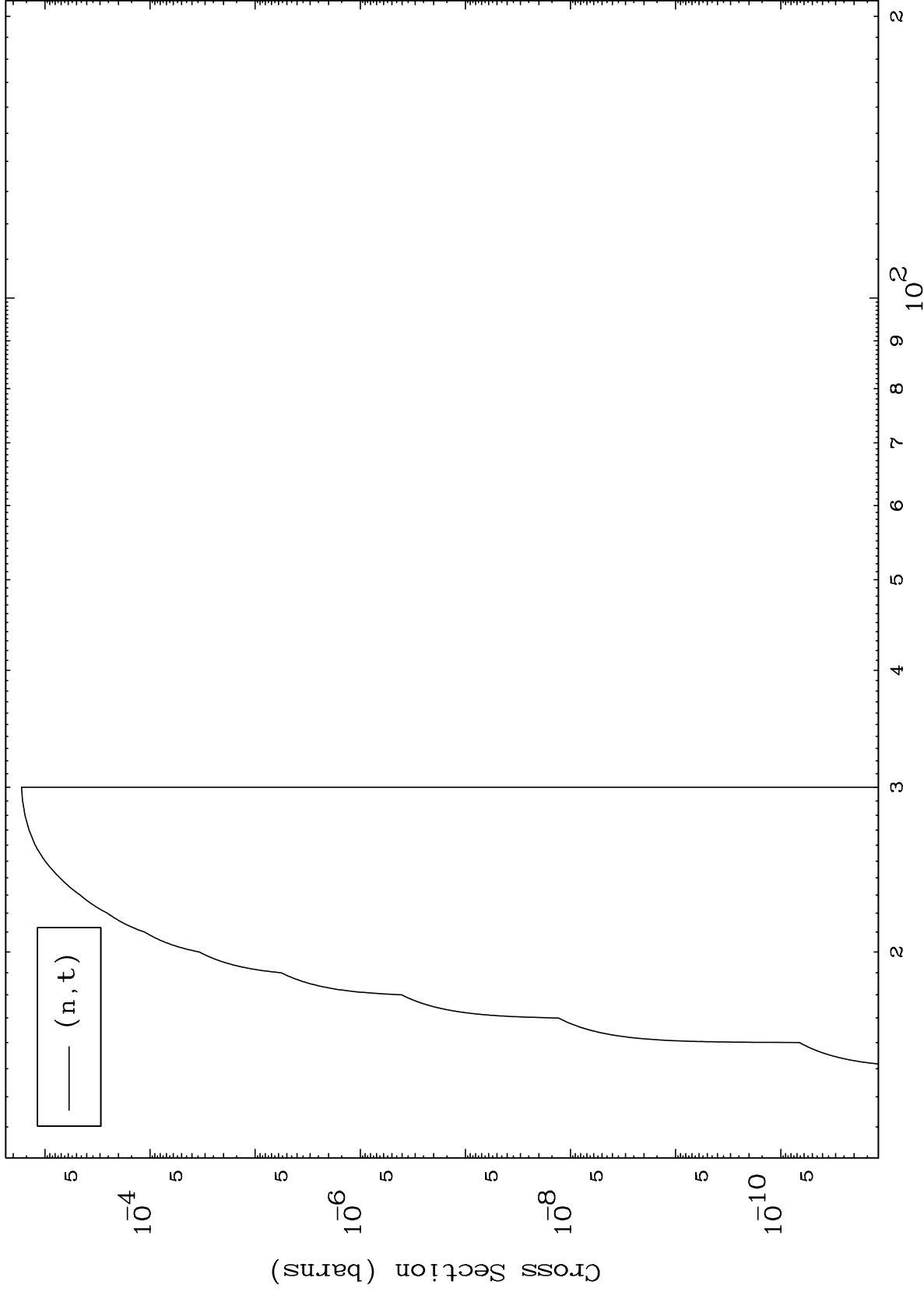
50-Sn-128



10

Incident Energy (MeV)

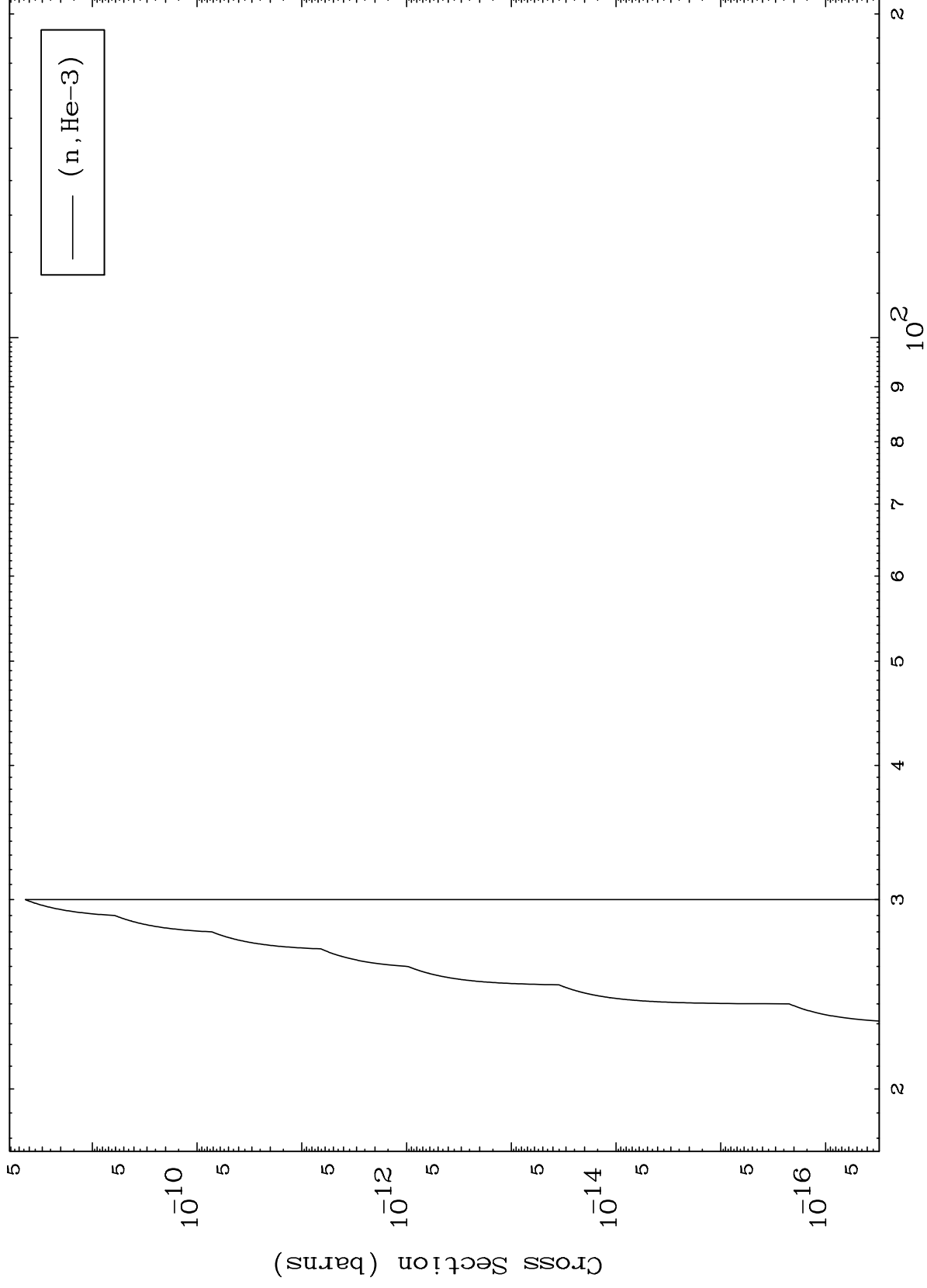
50-Sn-128



MAT 5073

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-128



12

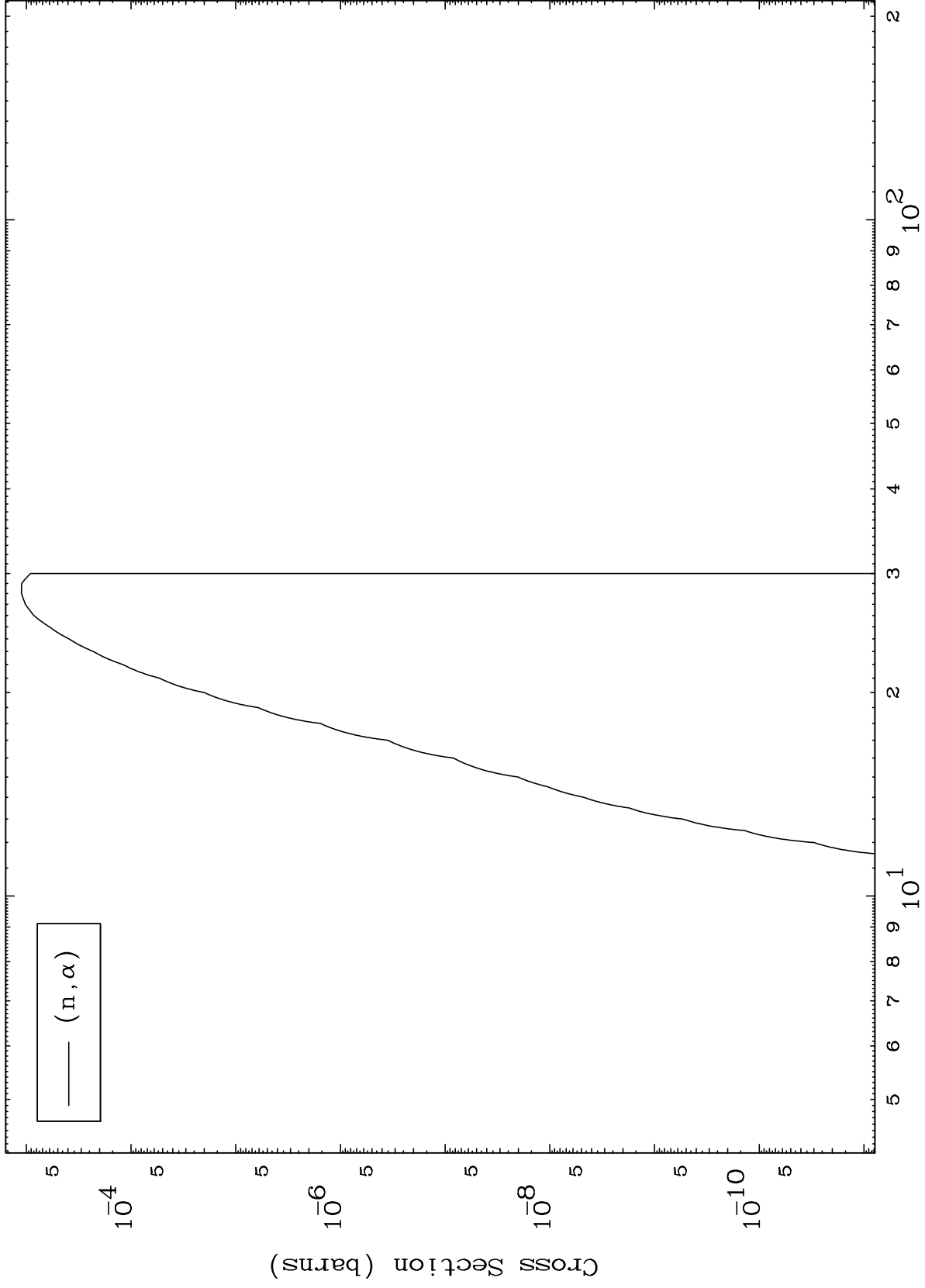
Incident Energy (MeV)

50-Sn-128

MAT 5073

(n,α) Levels
293 Kelvin Cross Sections

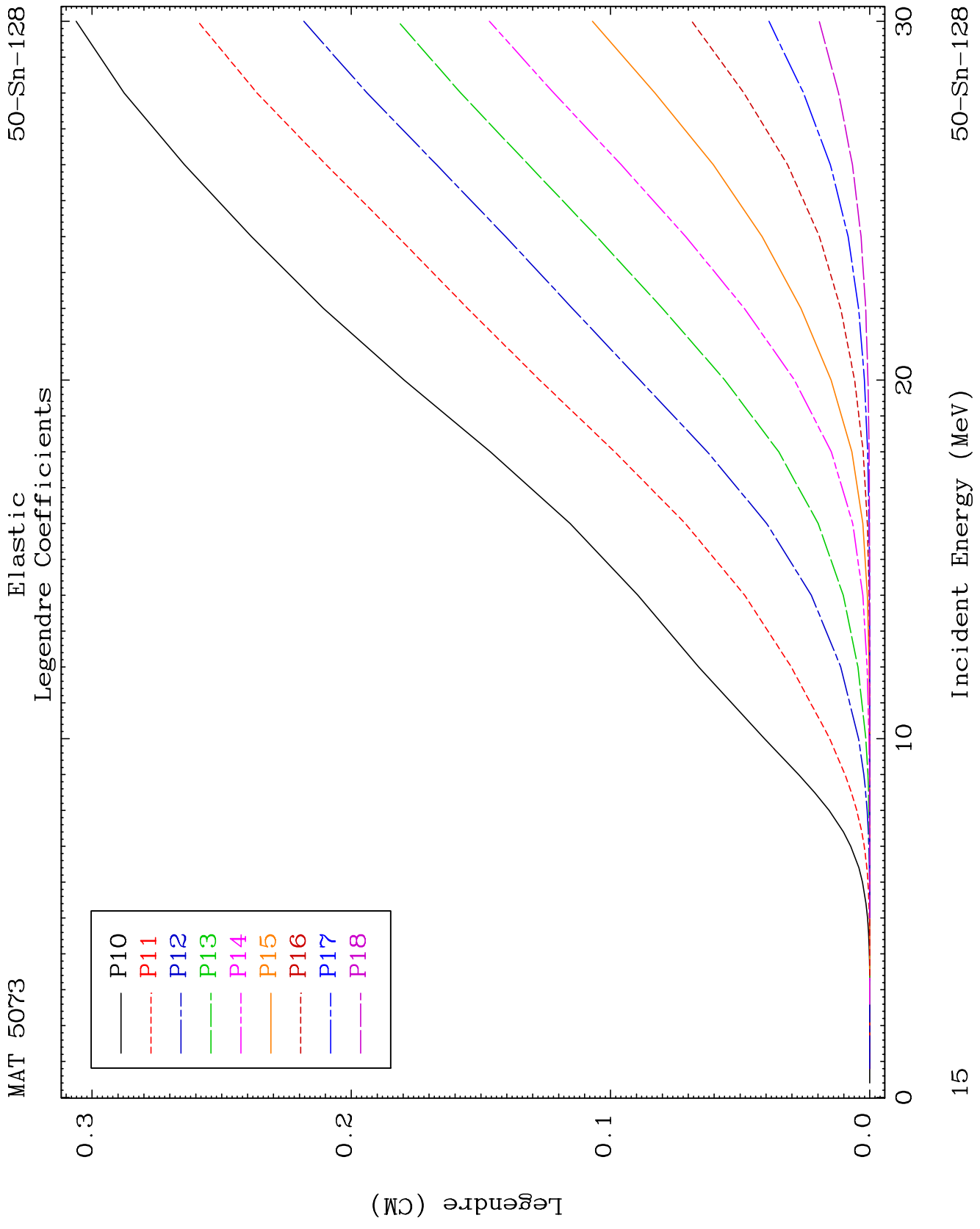
50-Sn-128



13

Incident Energy (MeV)

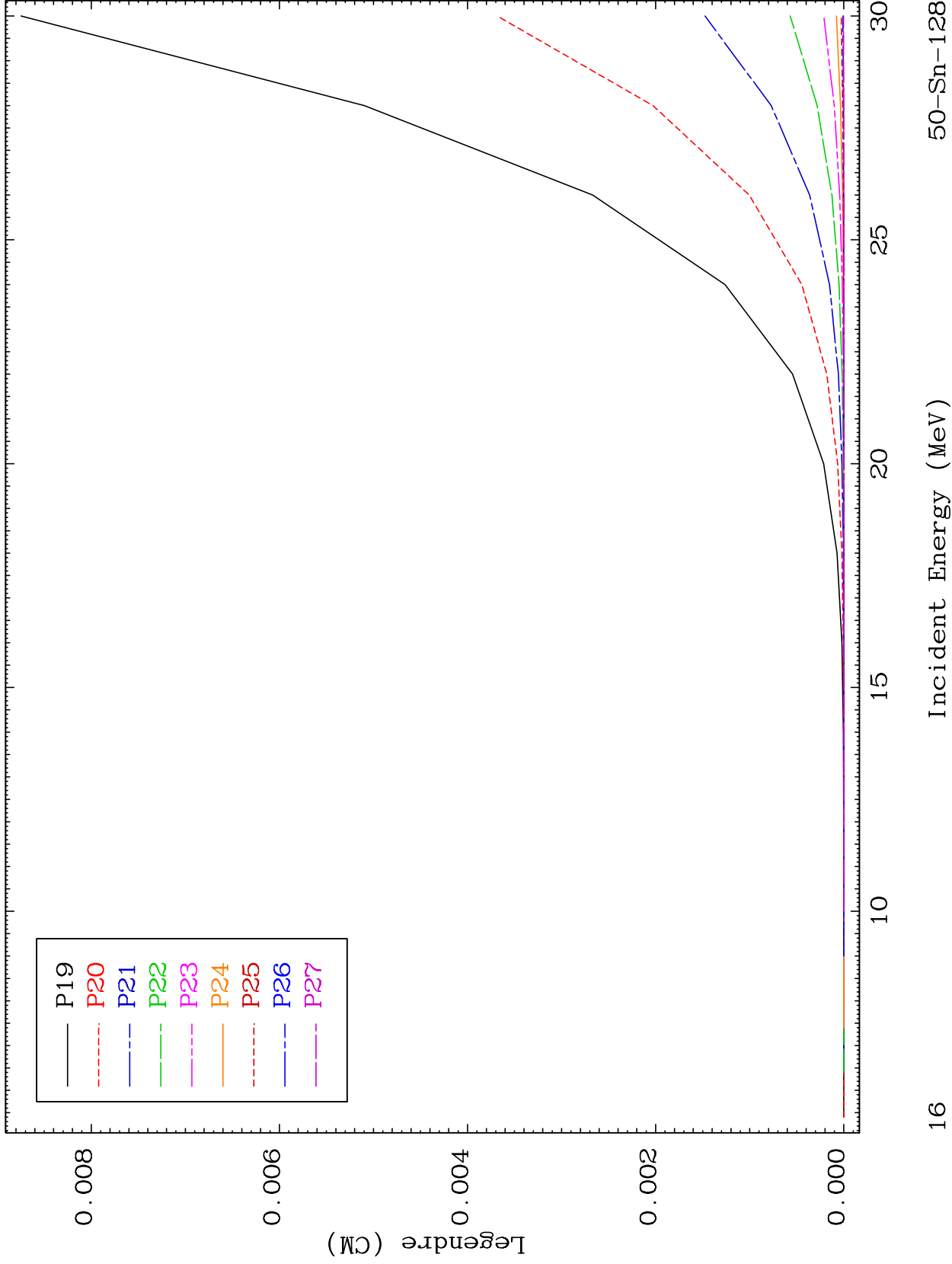
50-Sn-128



MAT 5073

Elastic Legendre Coefficients

50-Sn-128



16

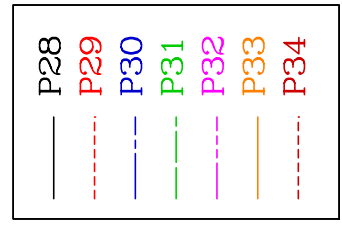
50-Sn-128

Incident Energy (MeV)

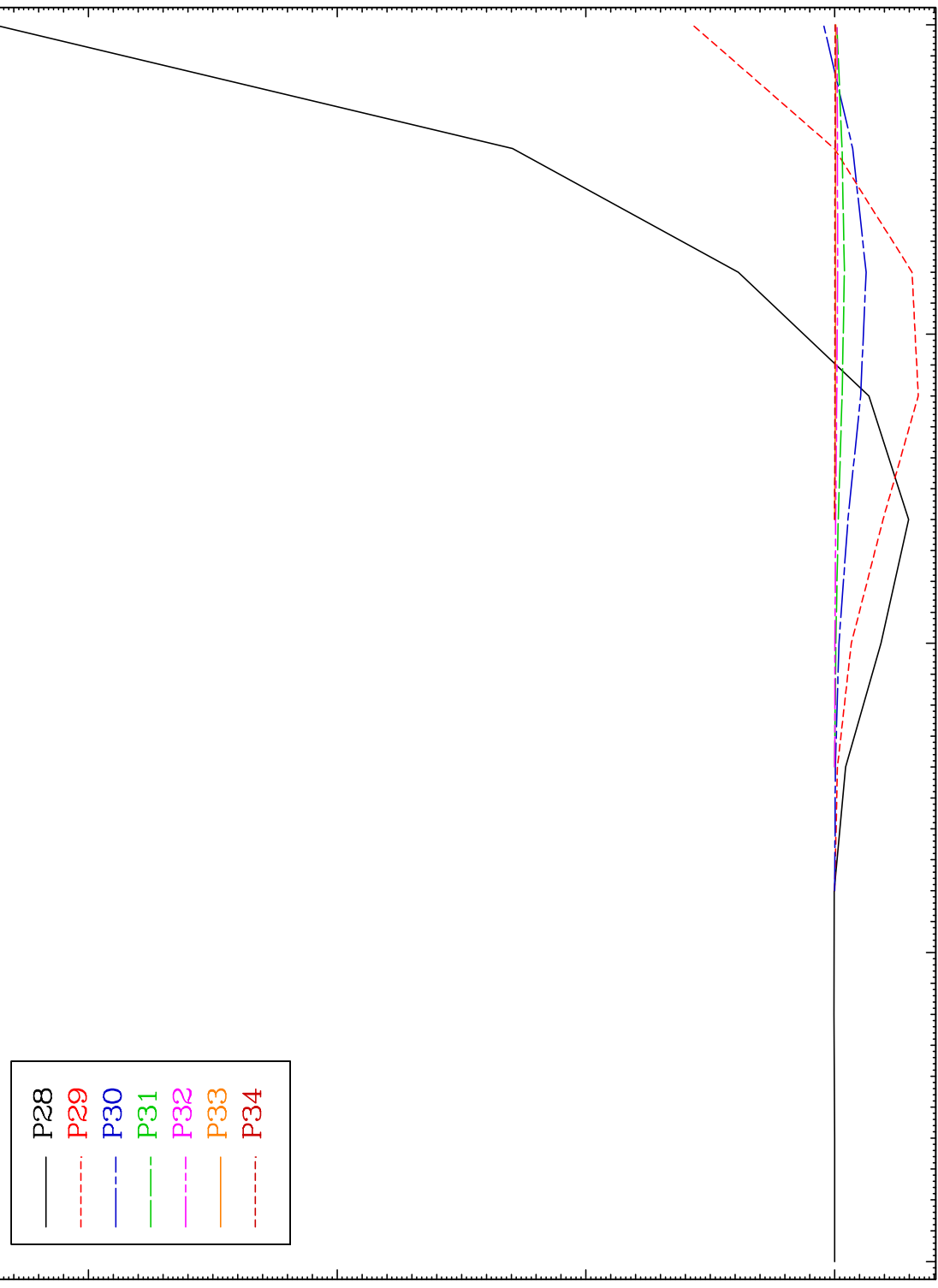
MAT 5073

Elastic Legendre Coefficients

50-Sn-128



$\times 10^{-7}$



10

15

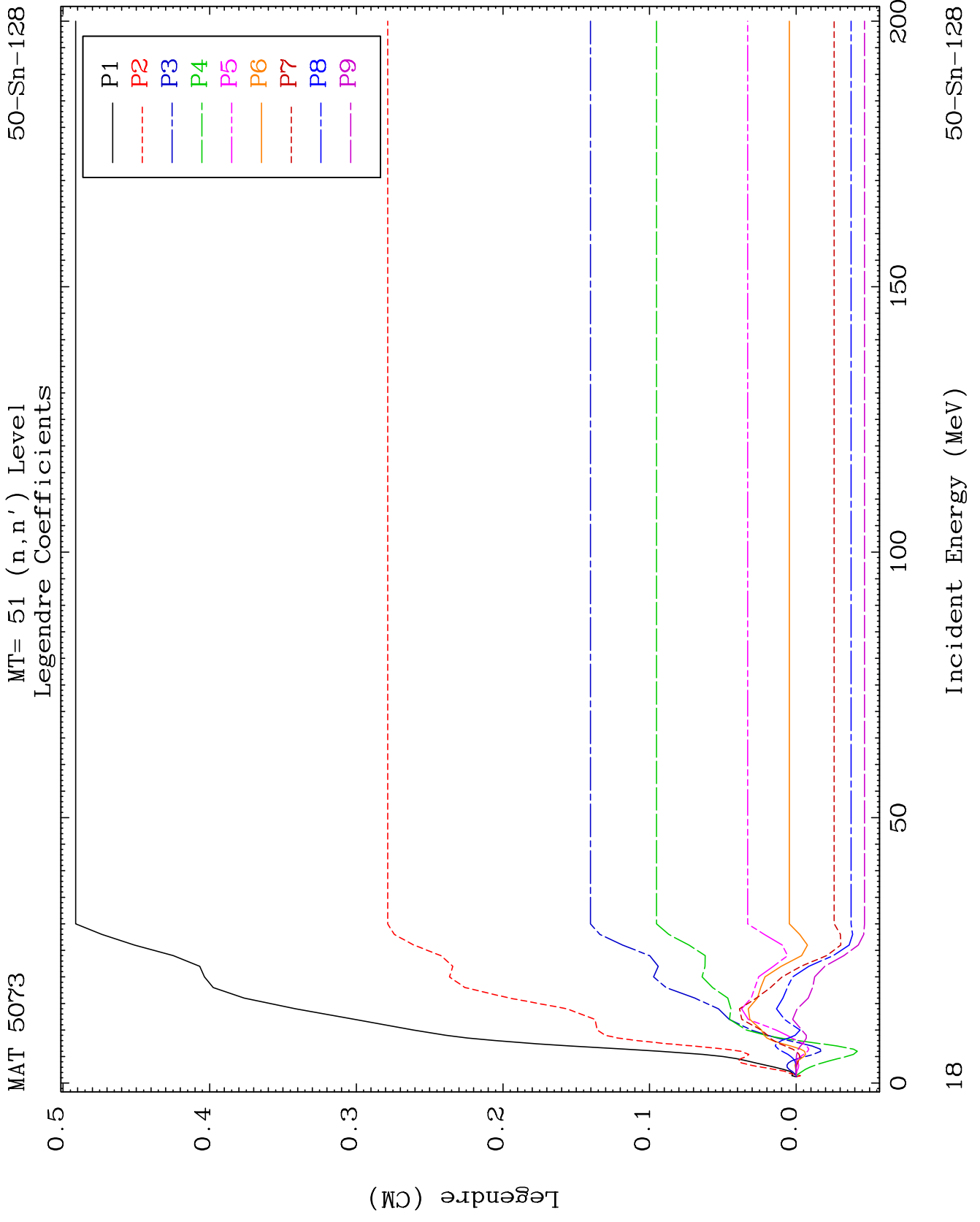
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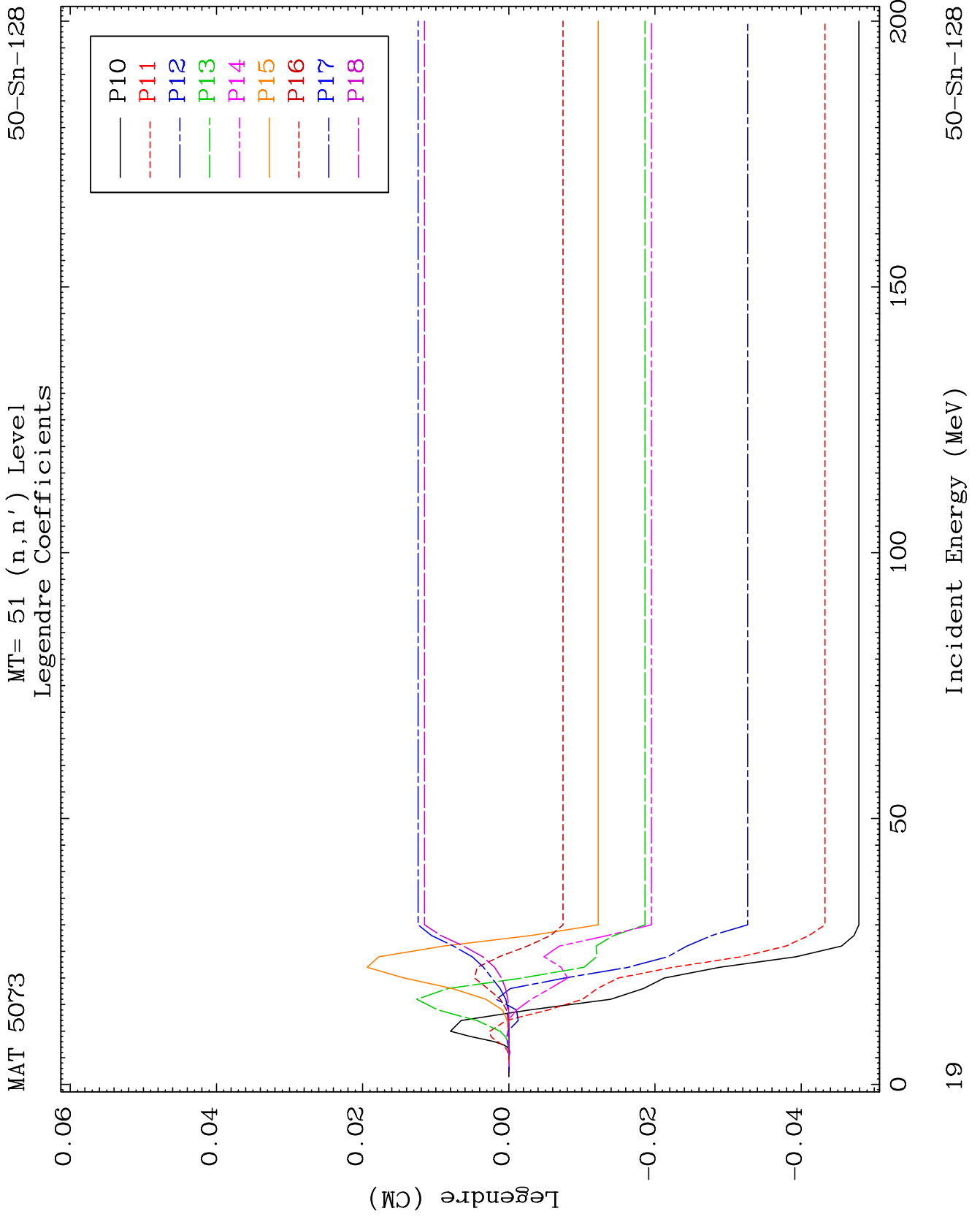
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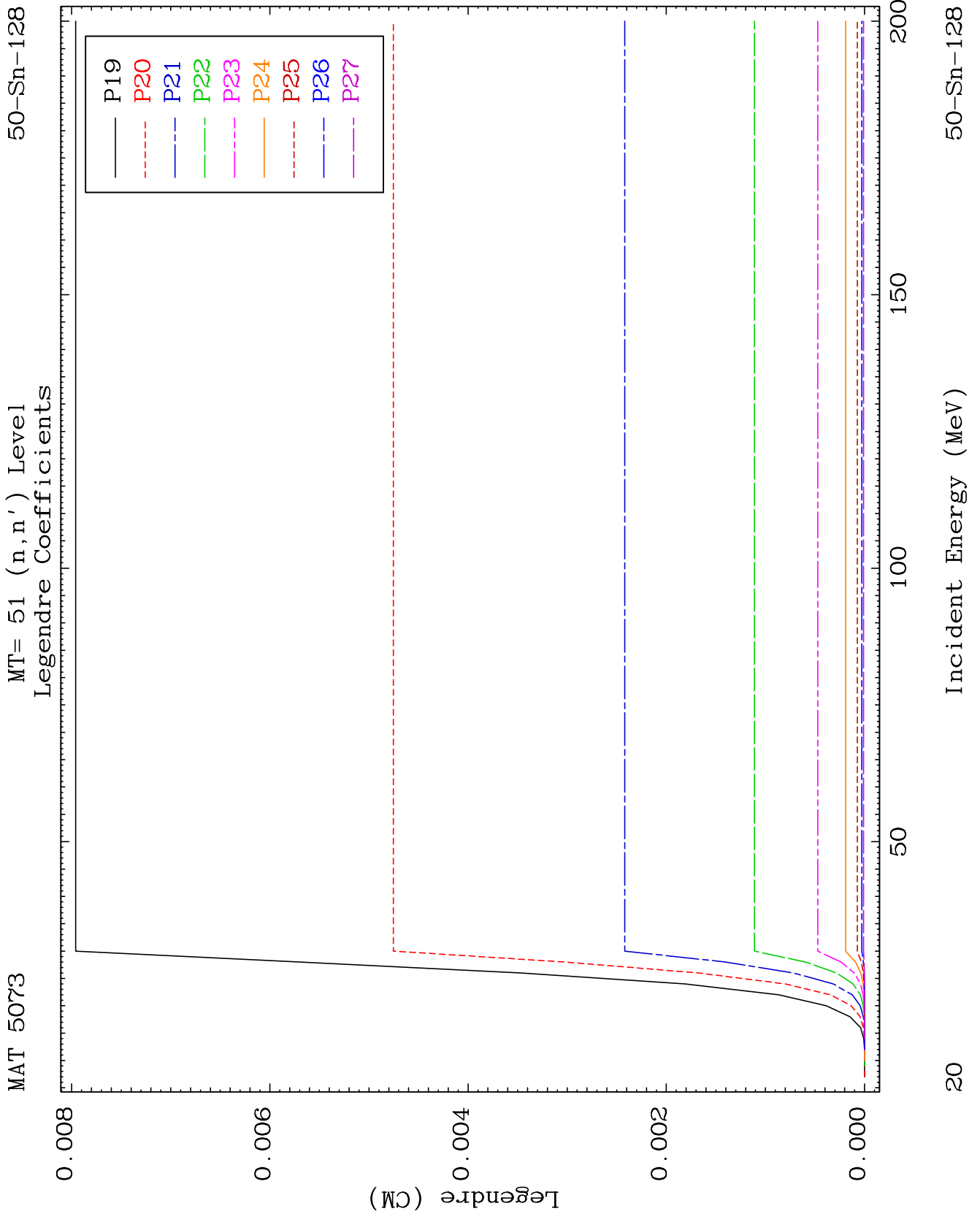
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Incident Energy (MeV)

50-Sn-128



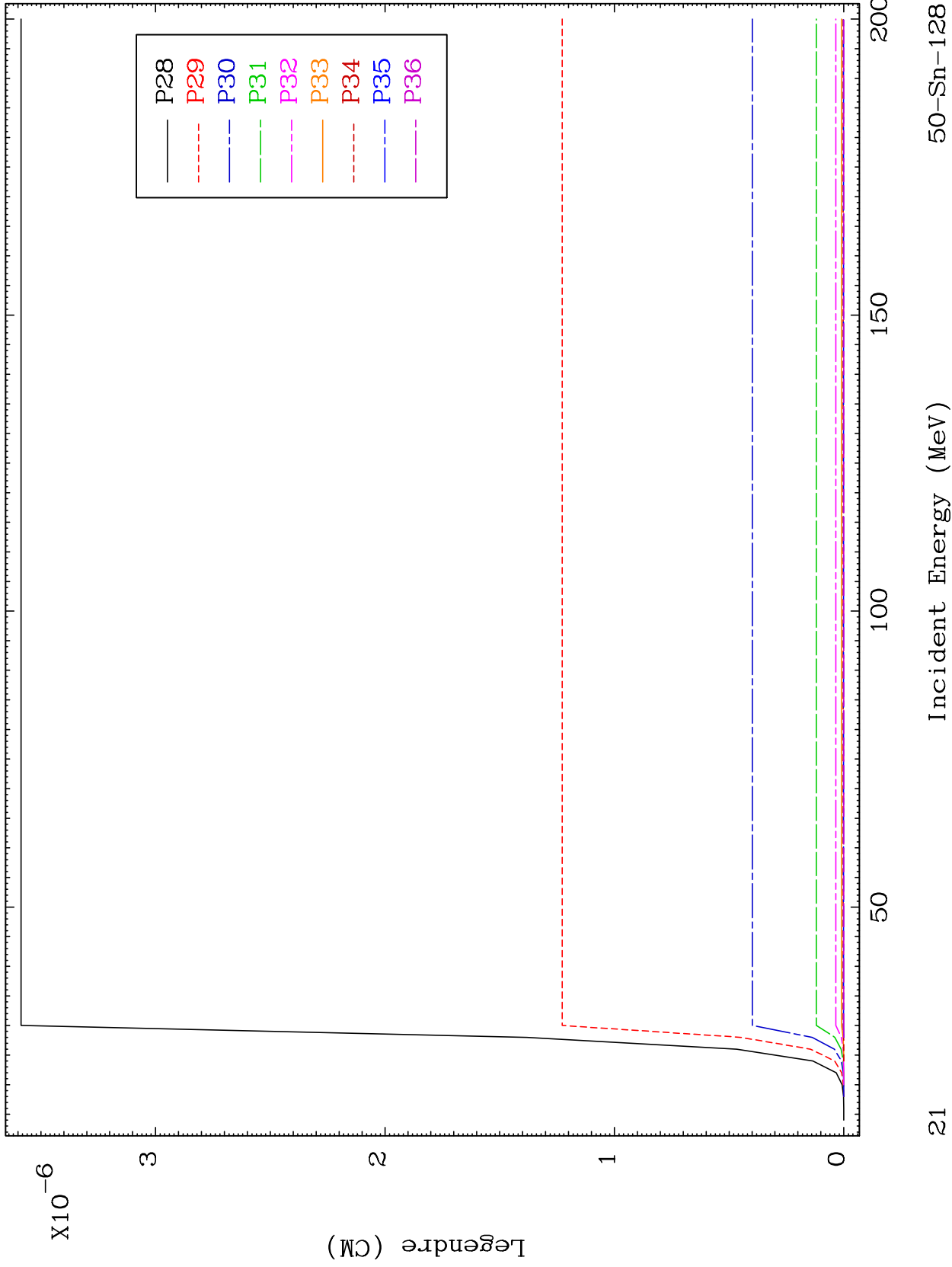




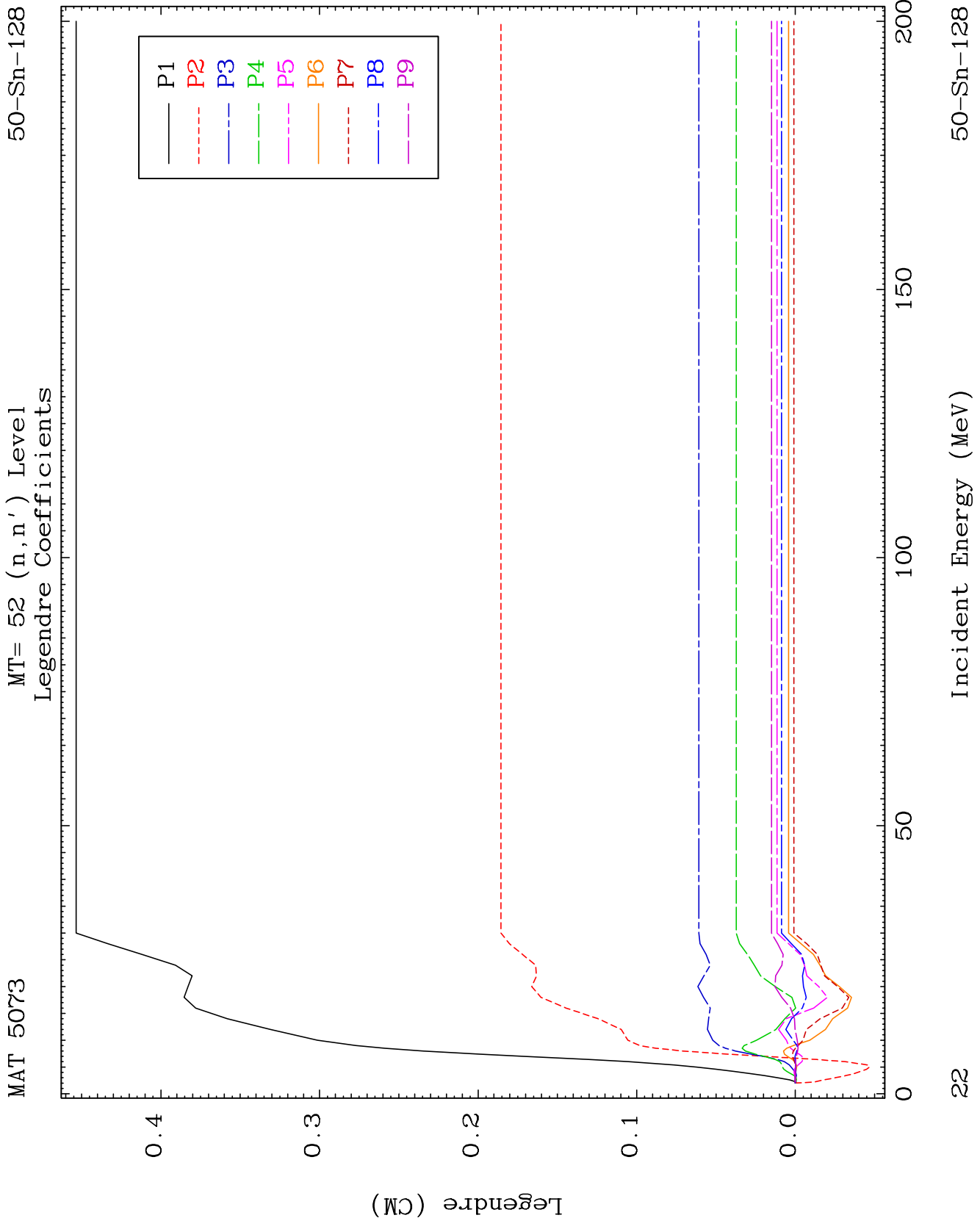
MAT 5073

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

50-Sn-128



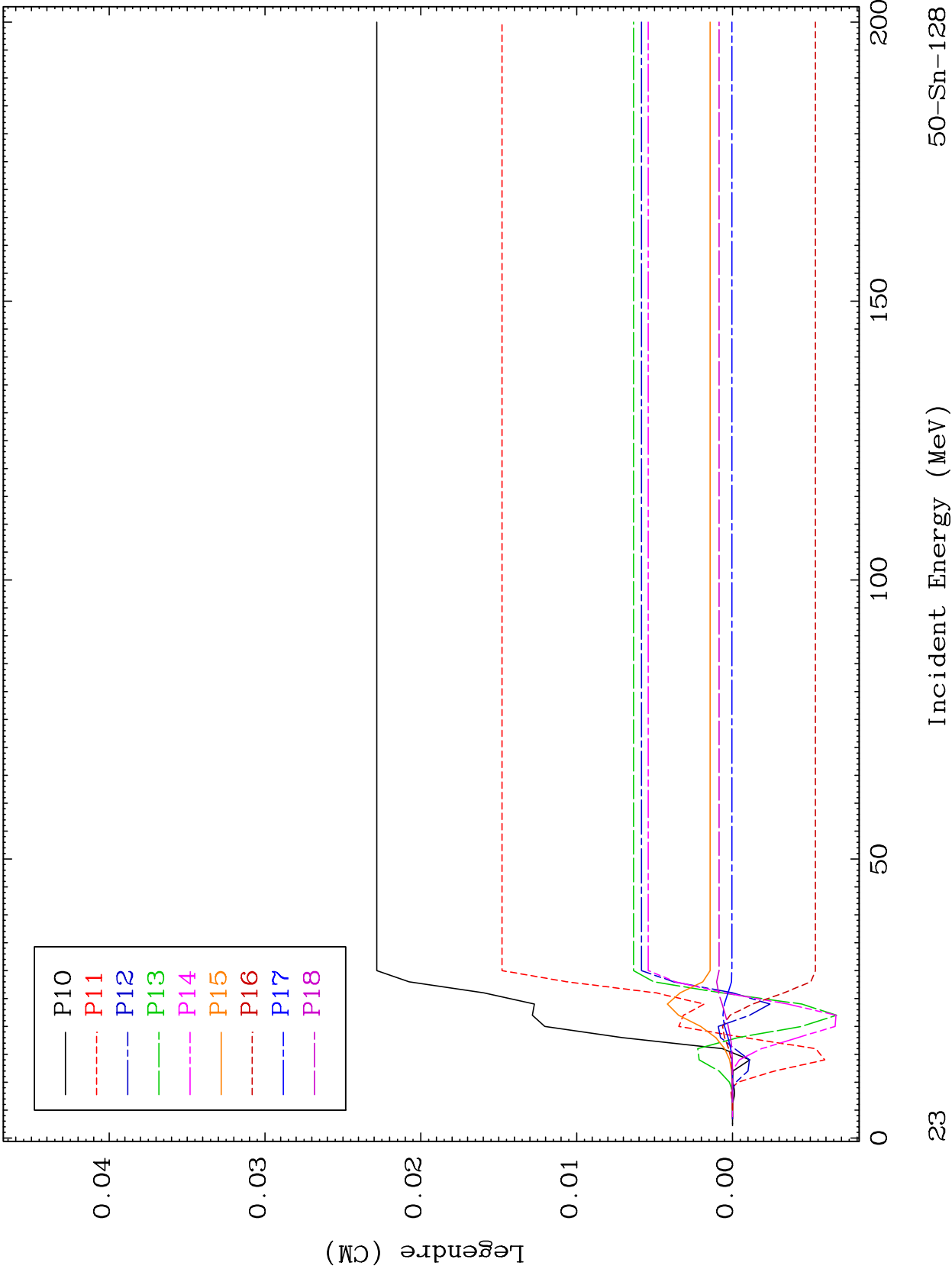
21



MAT 5073

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

50-Sn-128



23

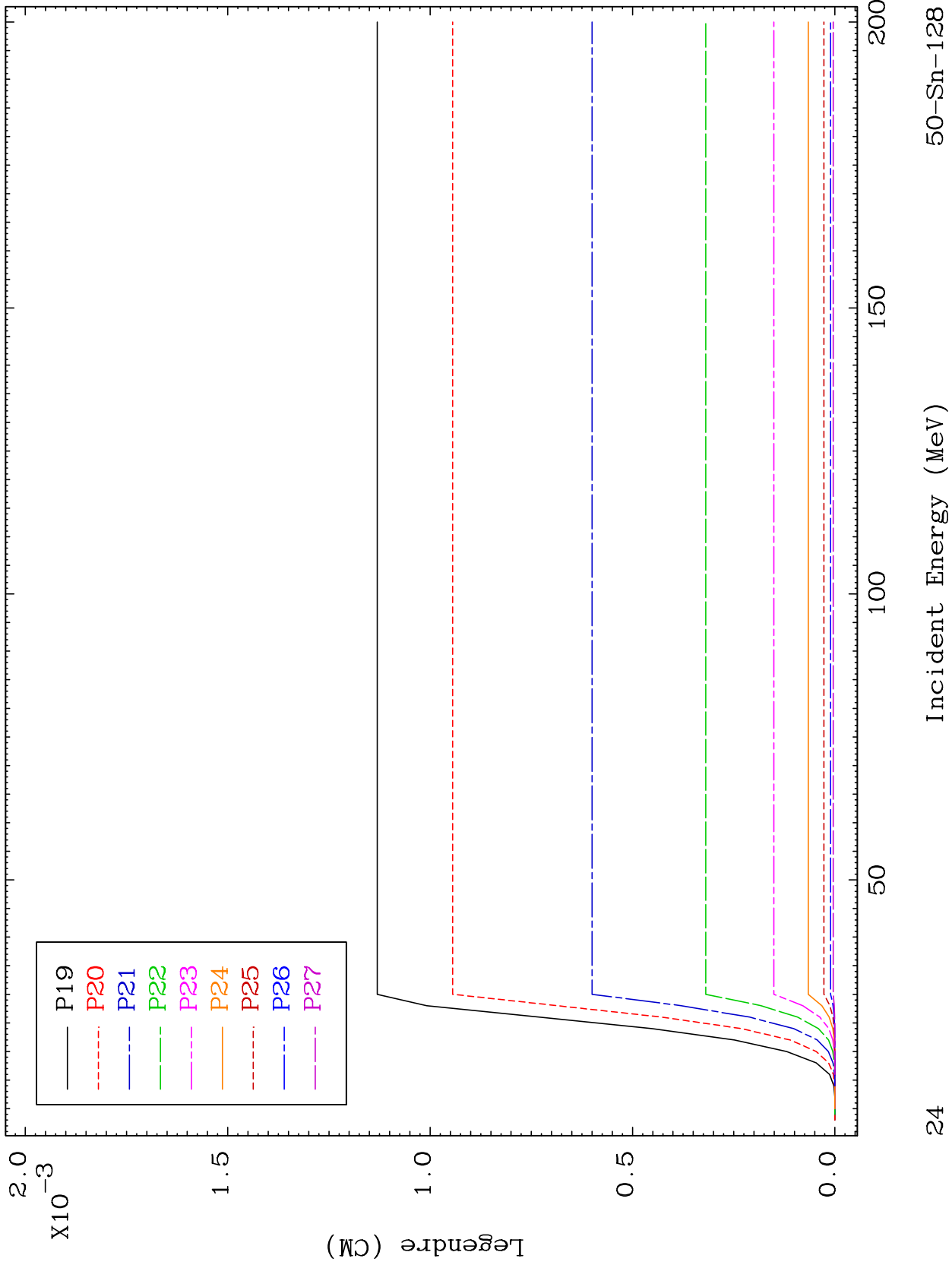
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

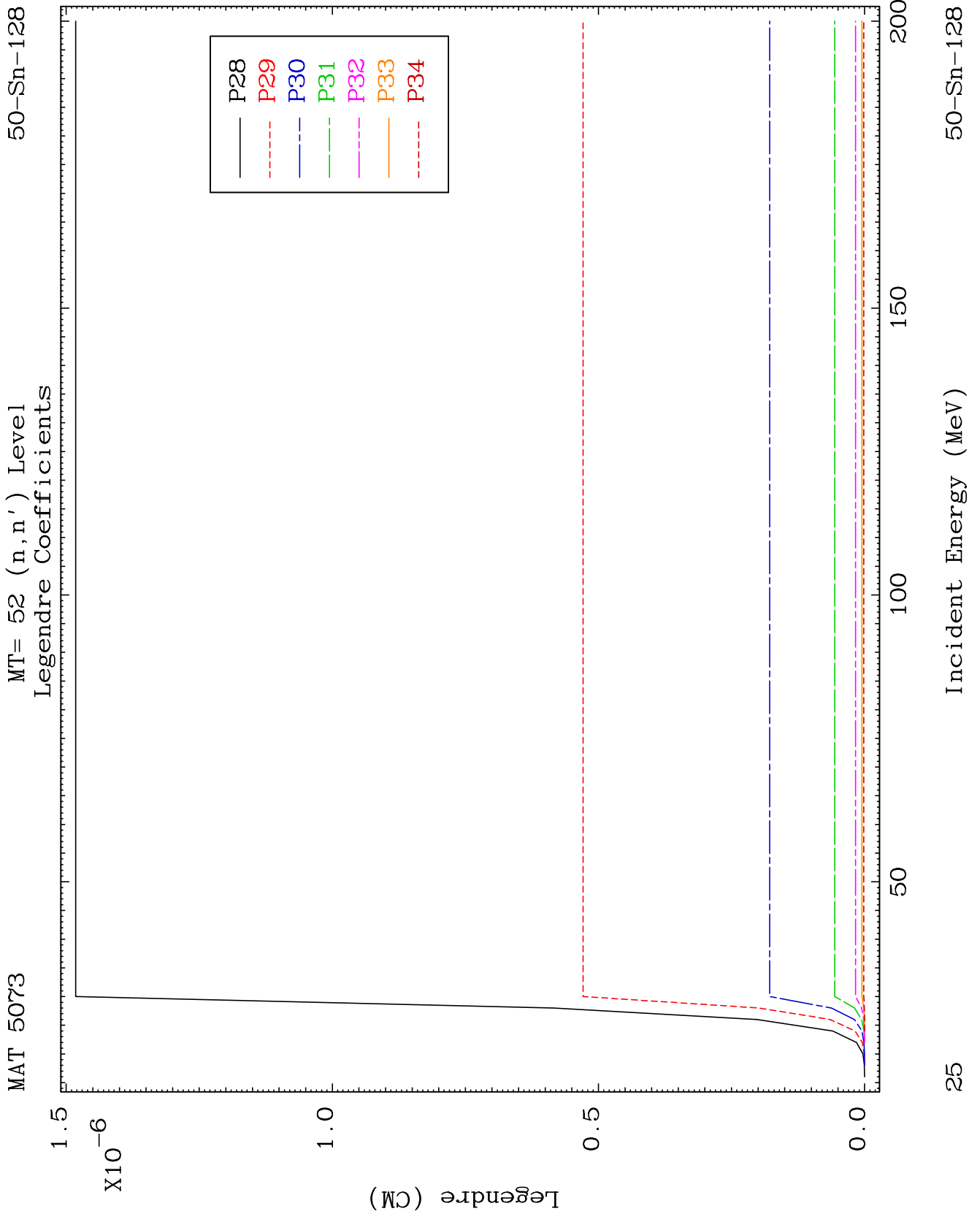
50-Sn-128

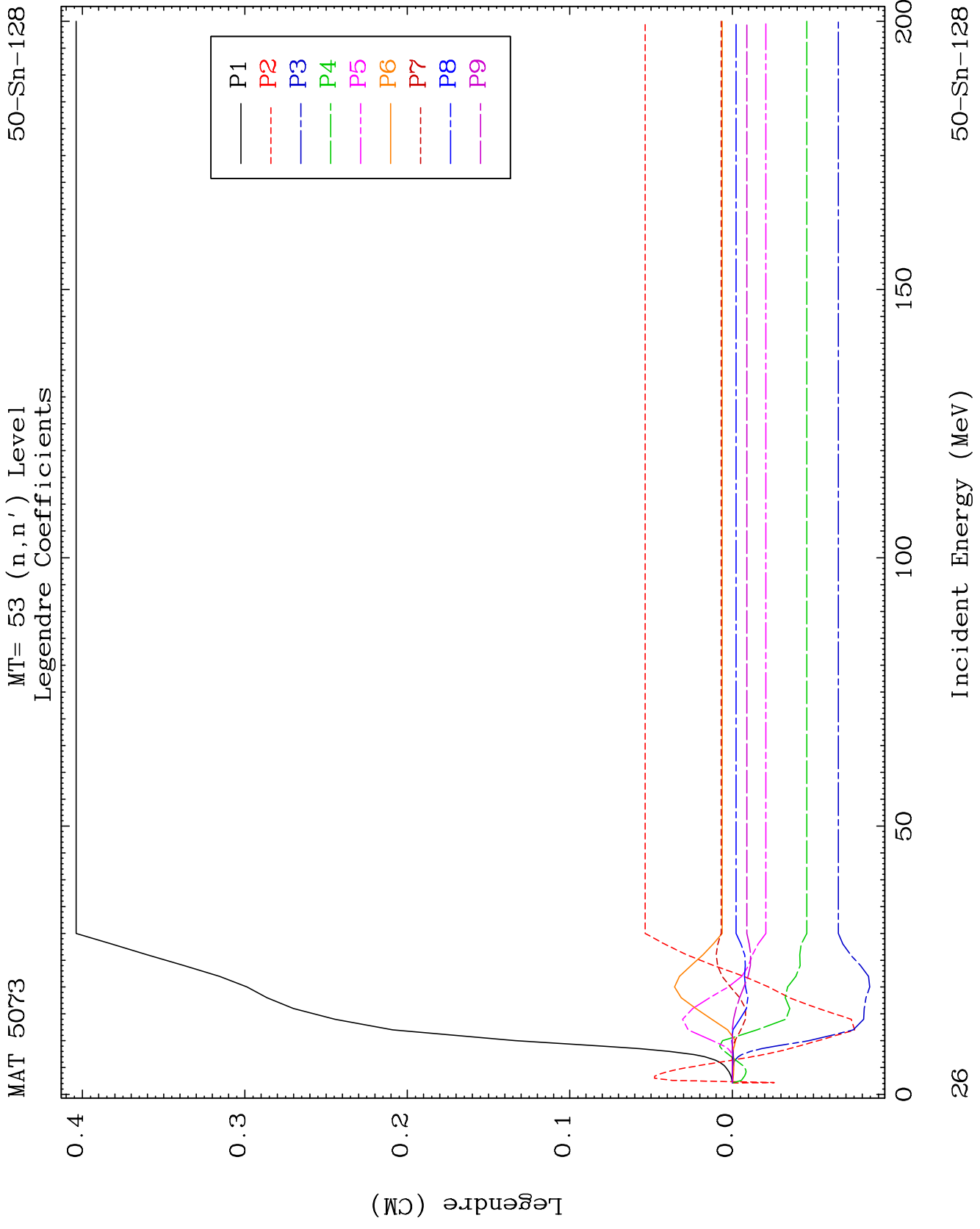


24

Incident Energy (MeV)

50-Sn-128

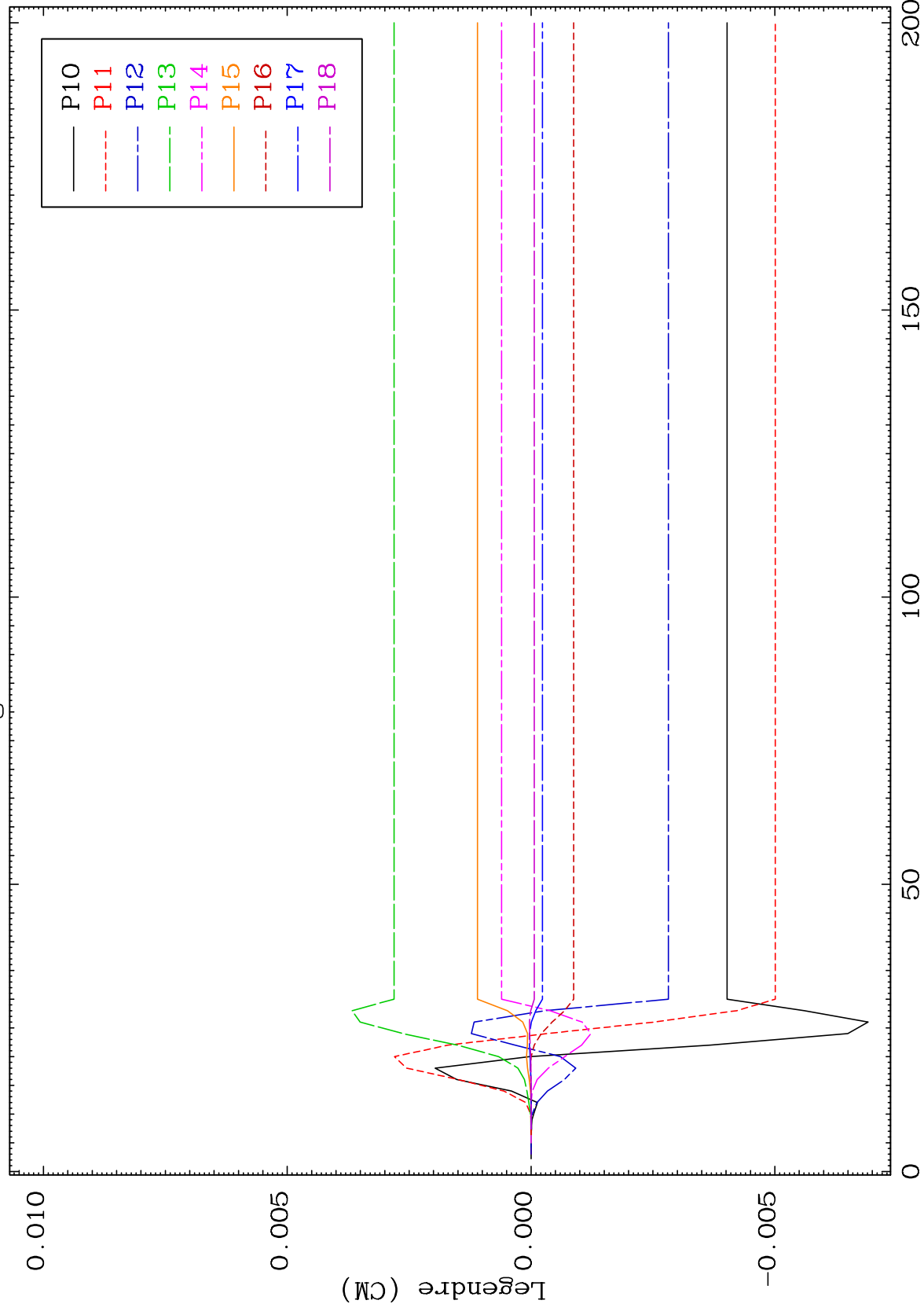




MAT 5073

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

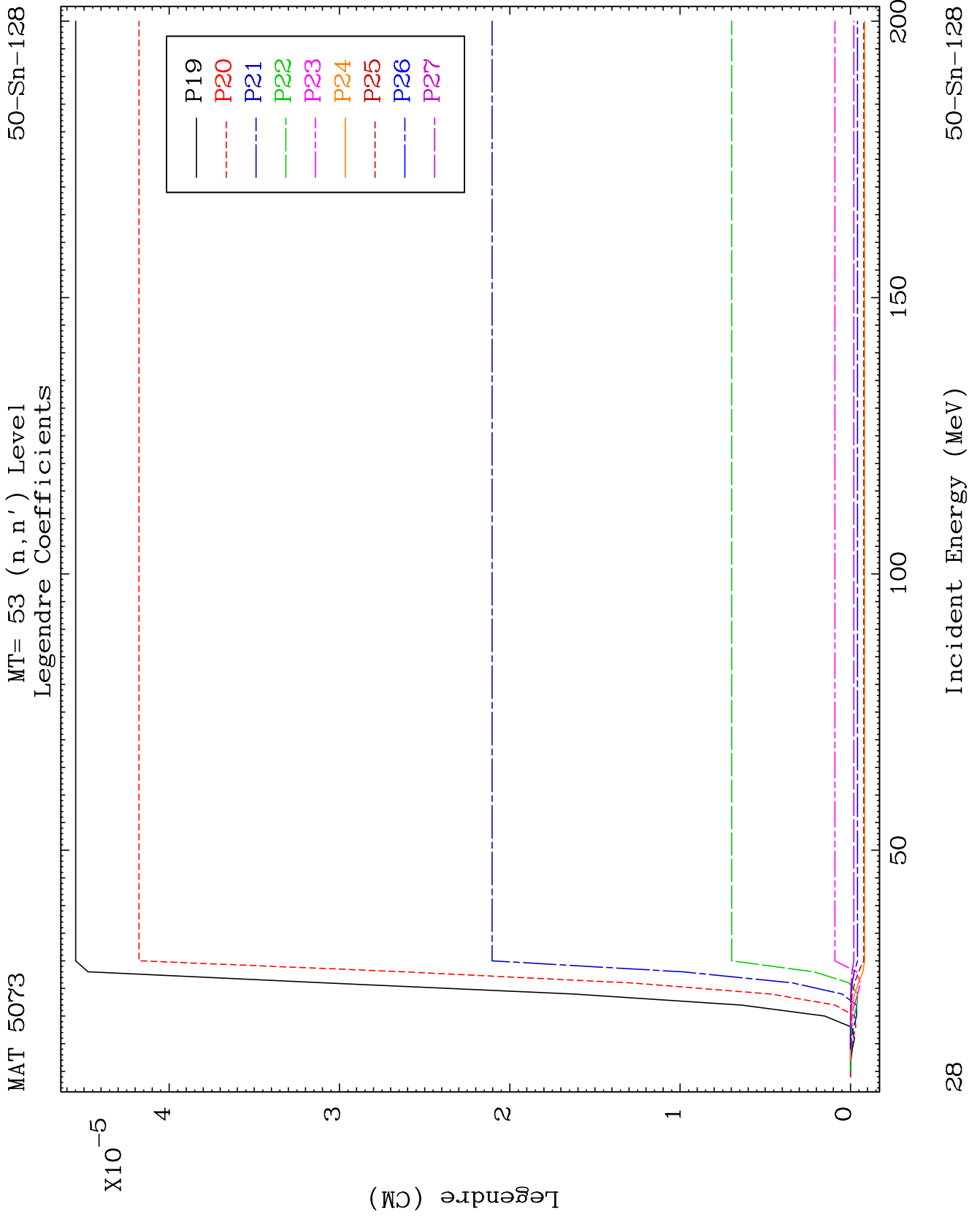
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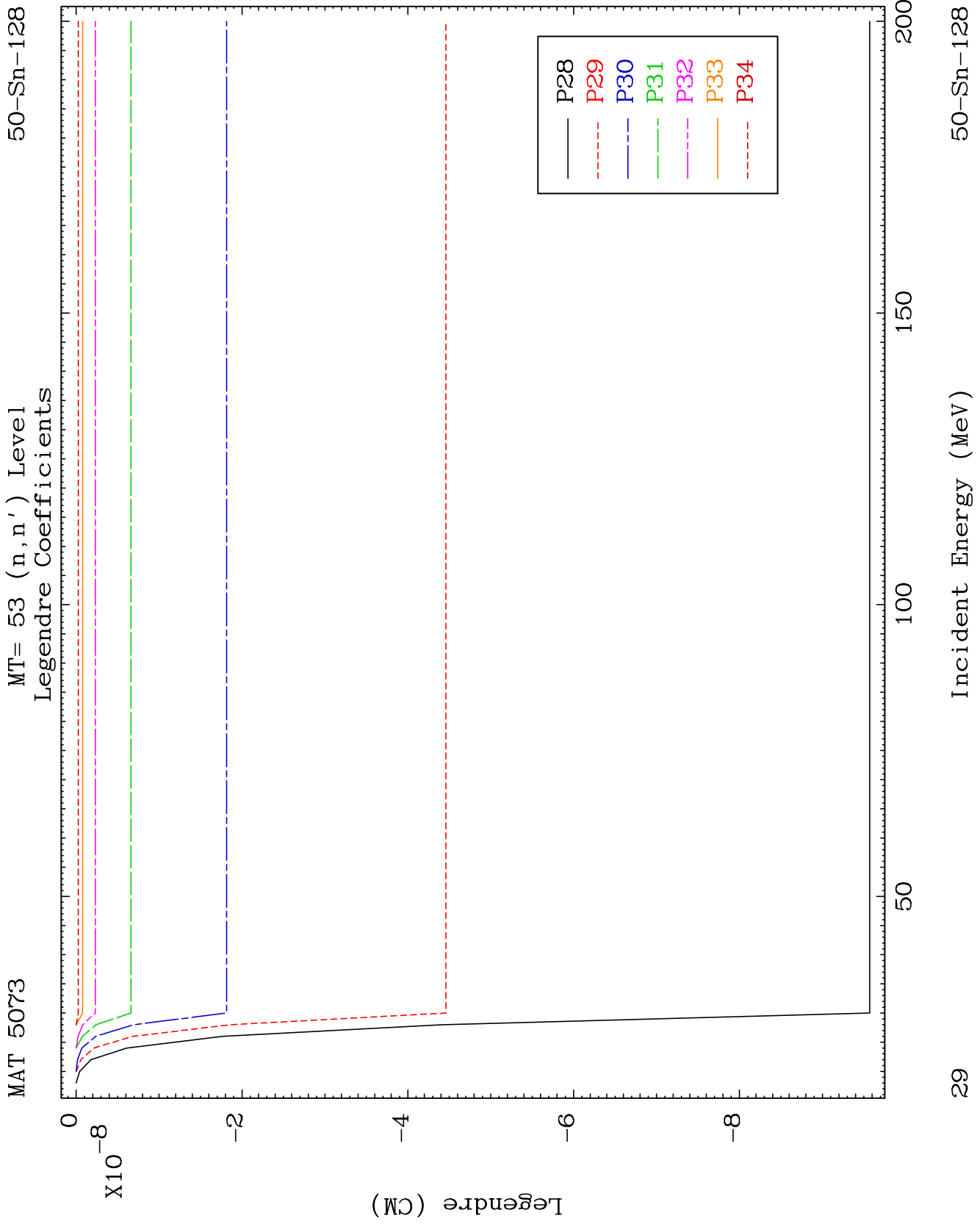


27

Incident Energy (MeV)

50-Sn-128

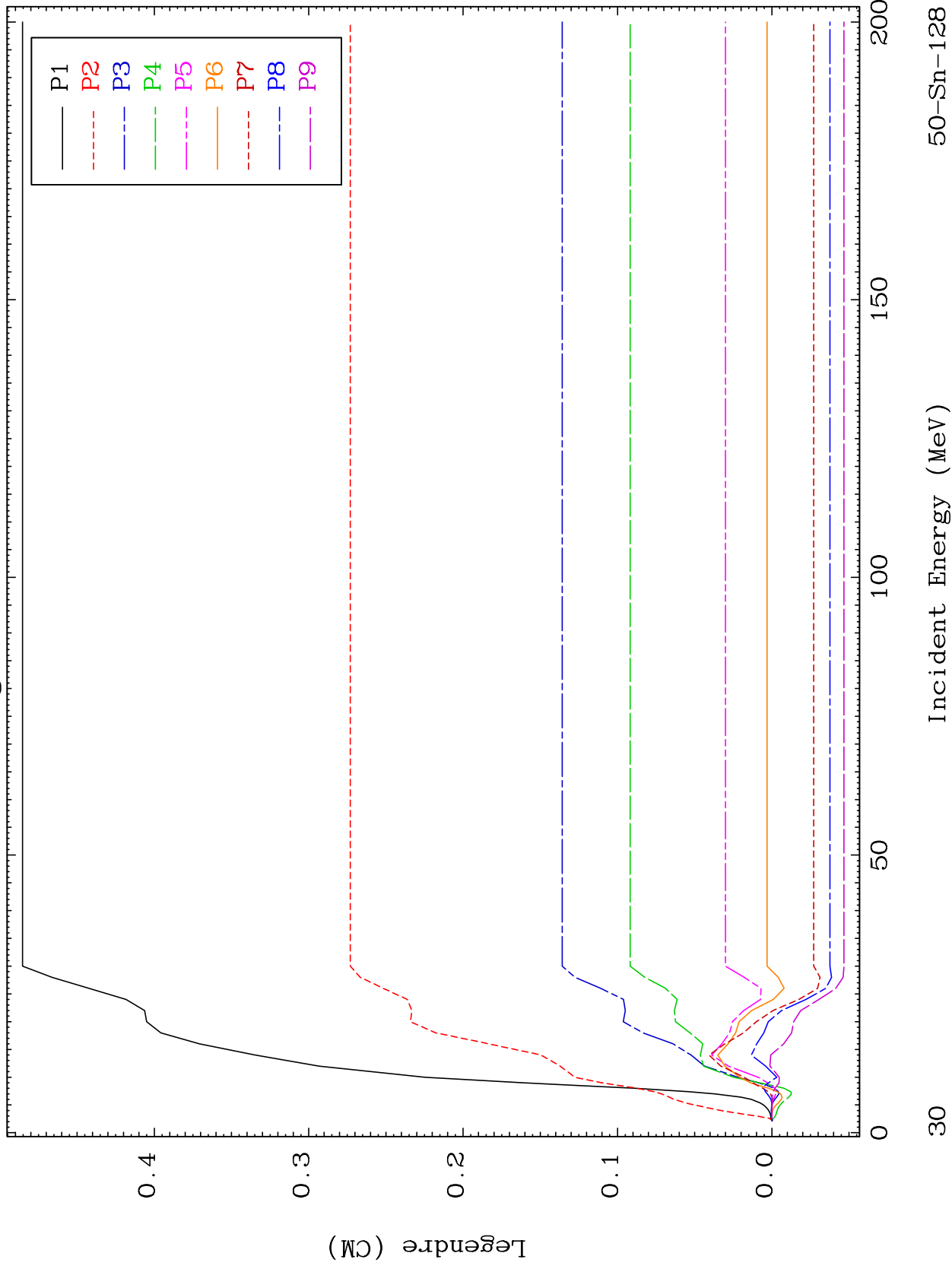




MAT 5073

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

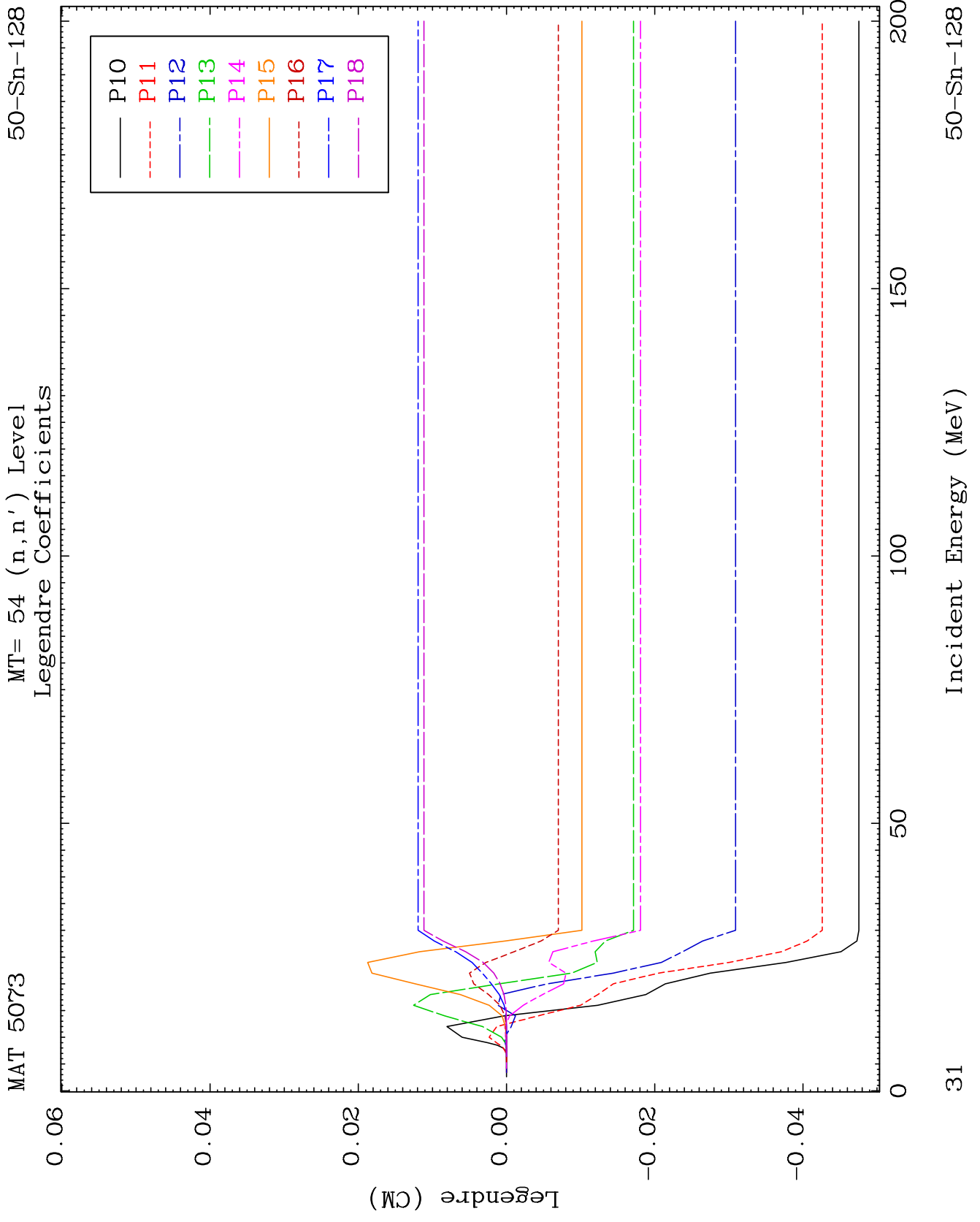
50-Sn-128



50-Sn-128

Incident Energy (MeV)

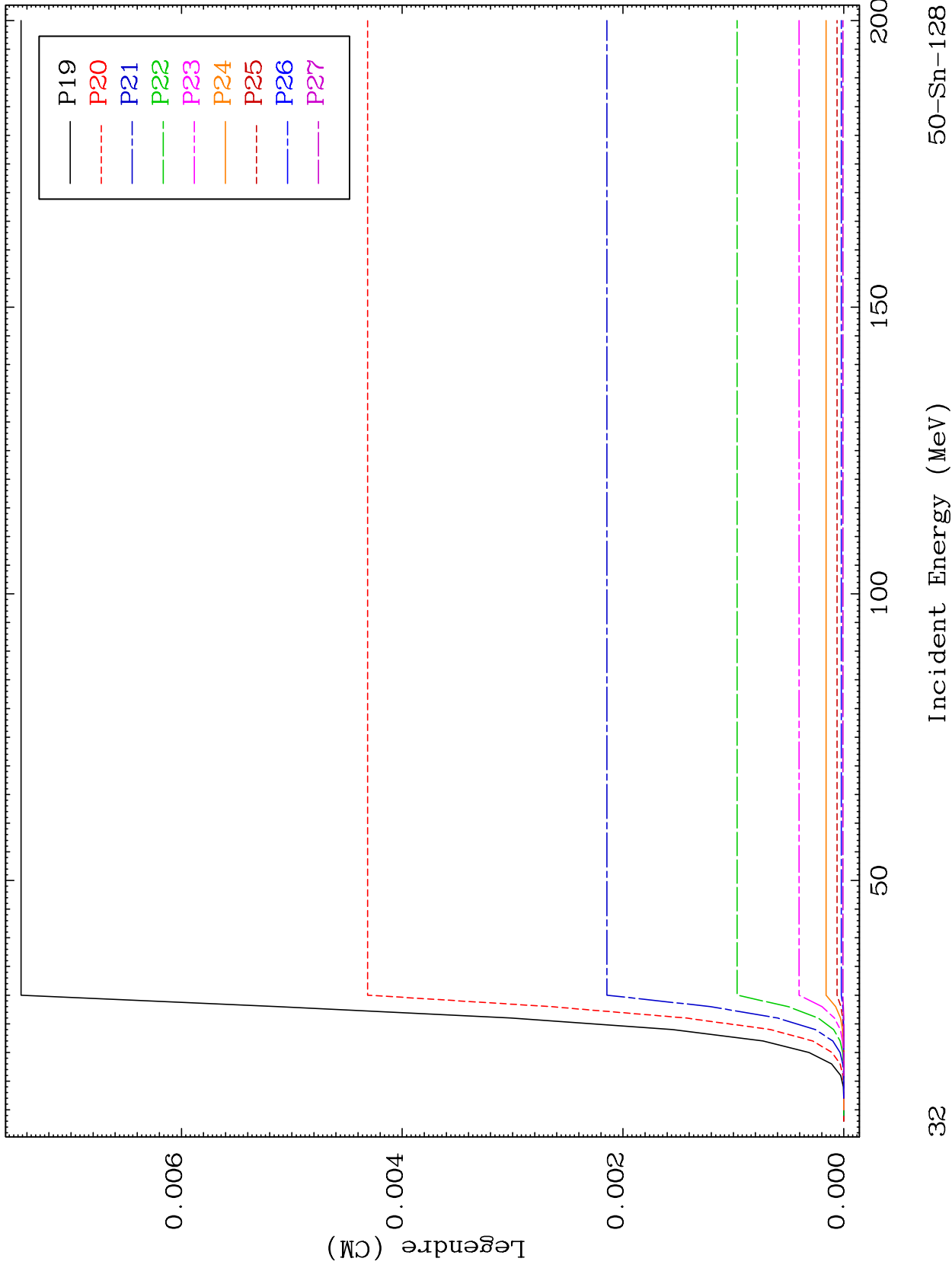
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MAT 5073

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

50-Sn-128

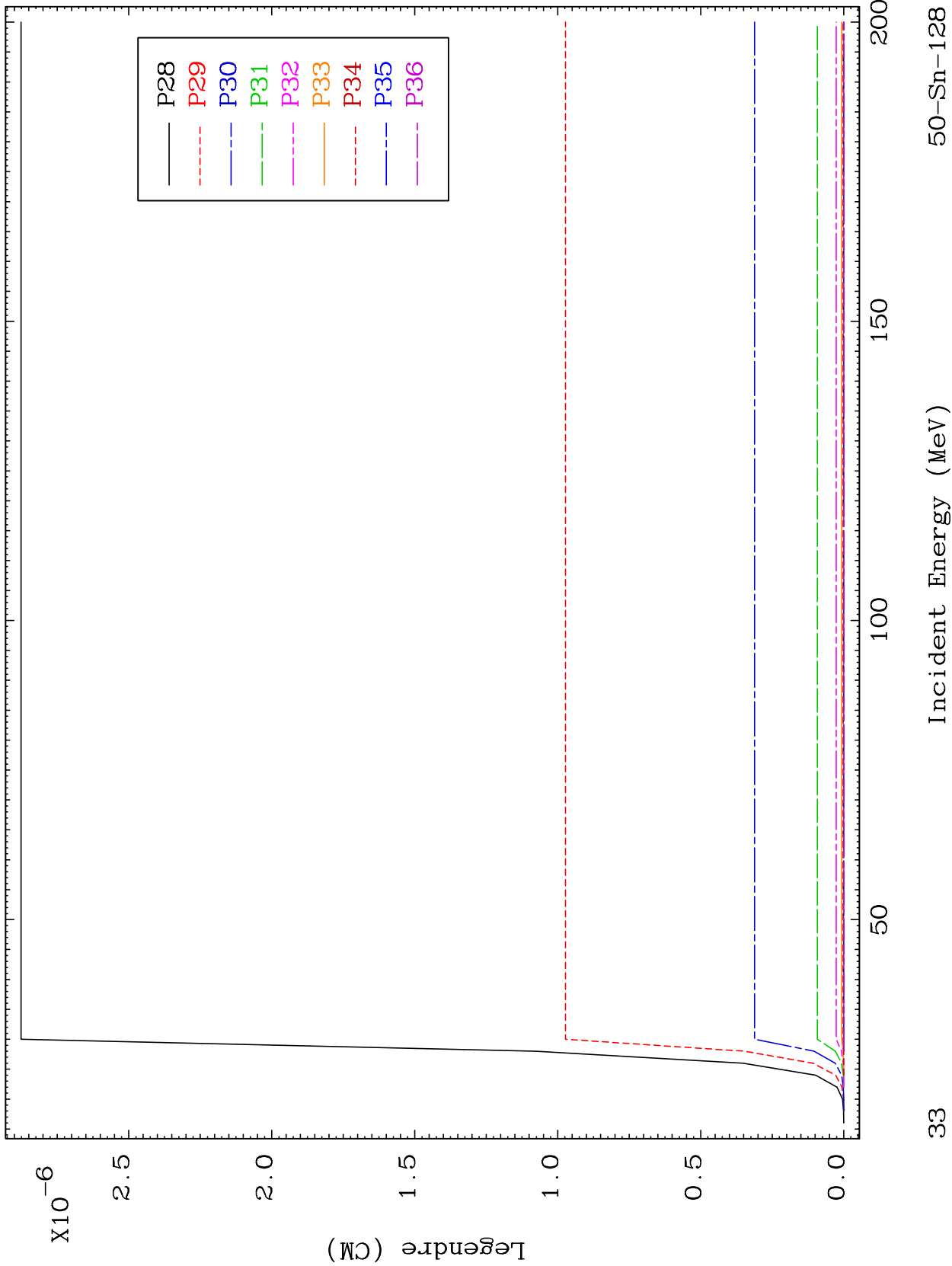


32

MAT 5073

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

50-Sn-128

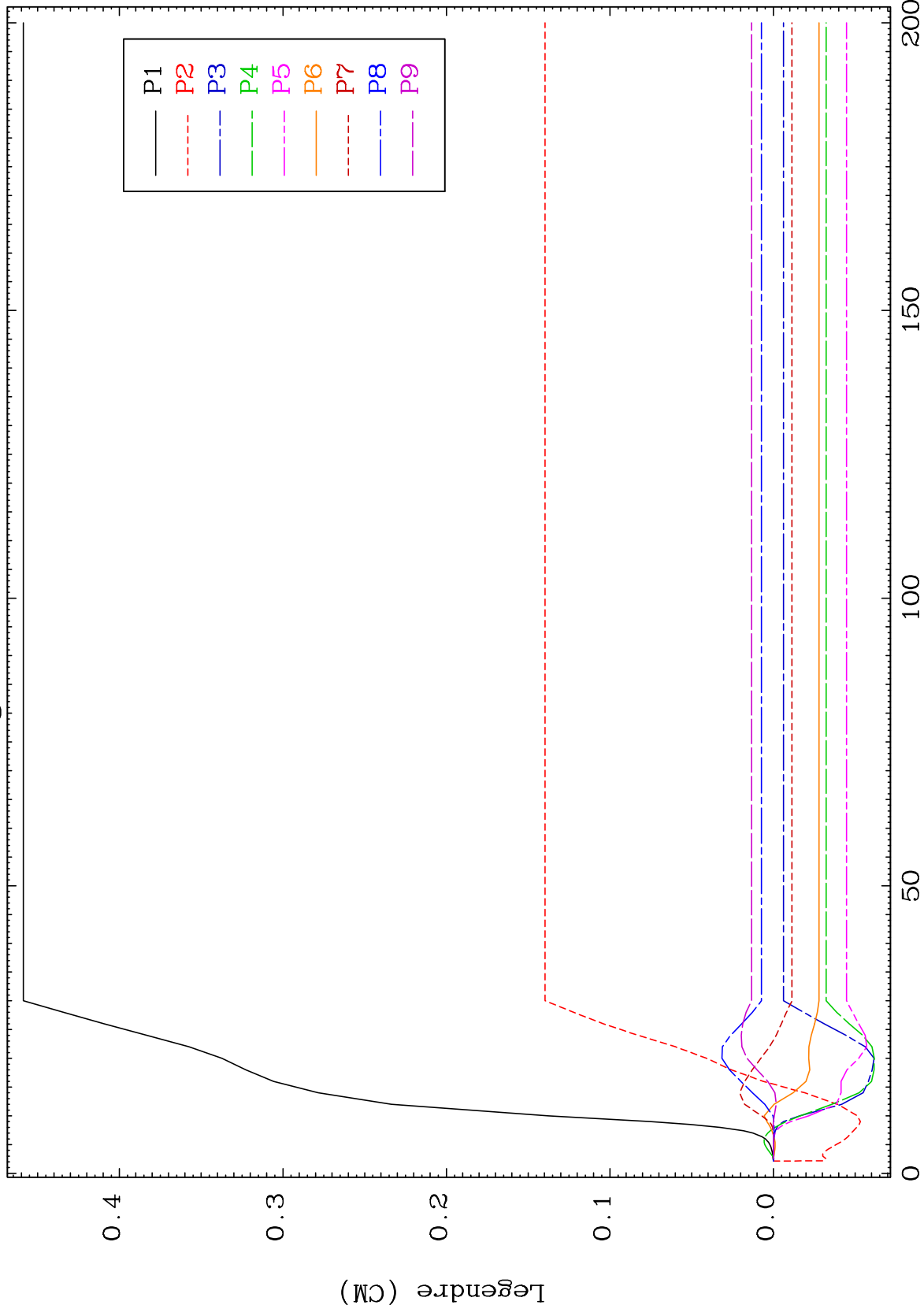


33

MAT 5073

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

50-Sn-128



34

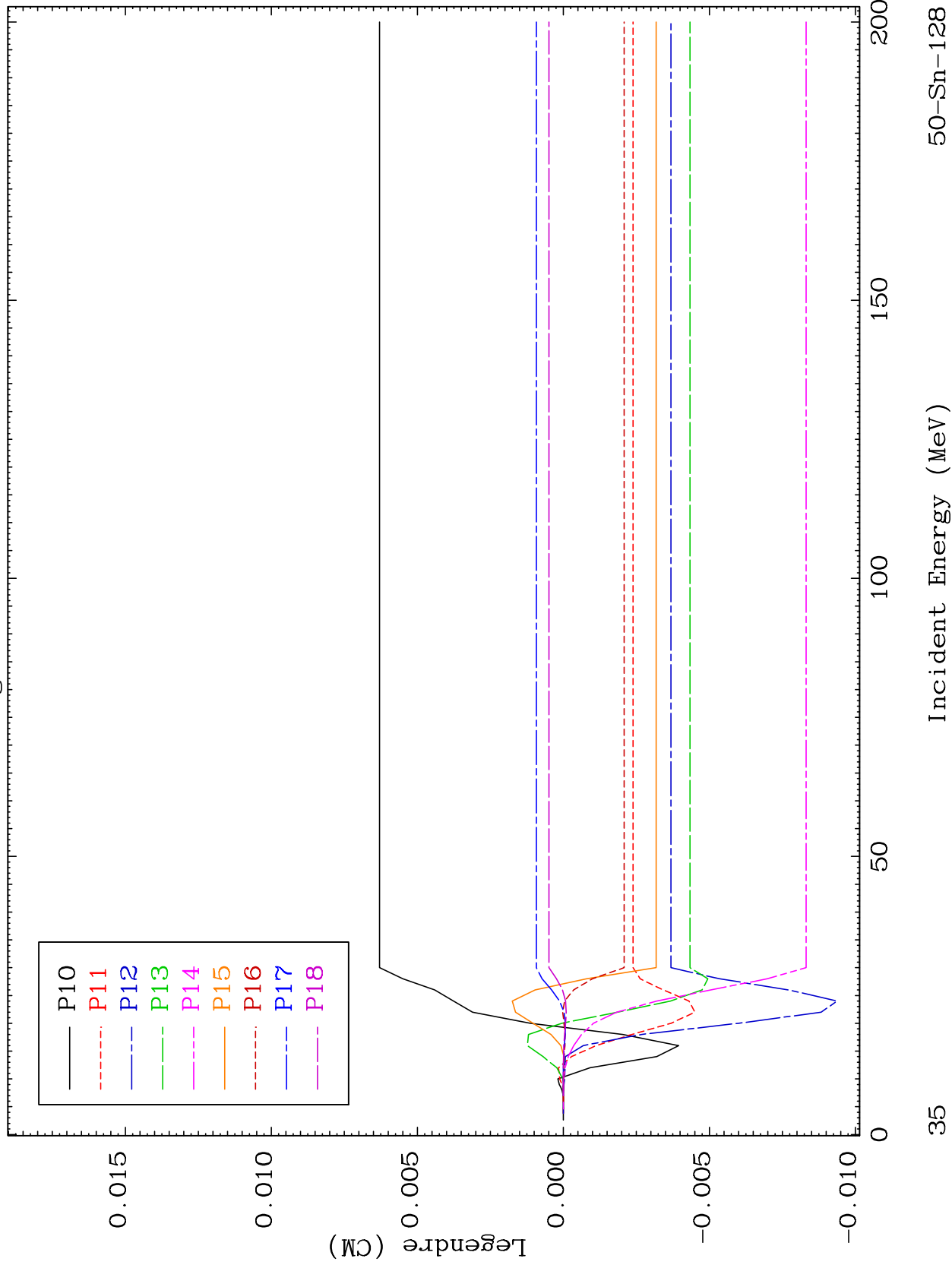
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

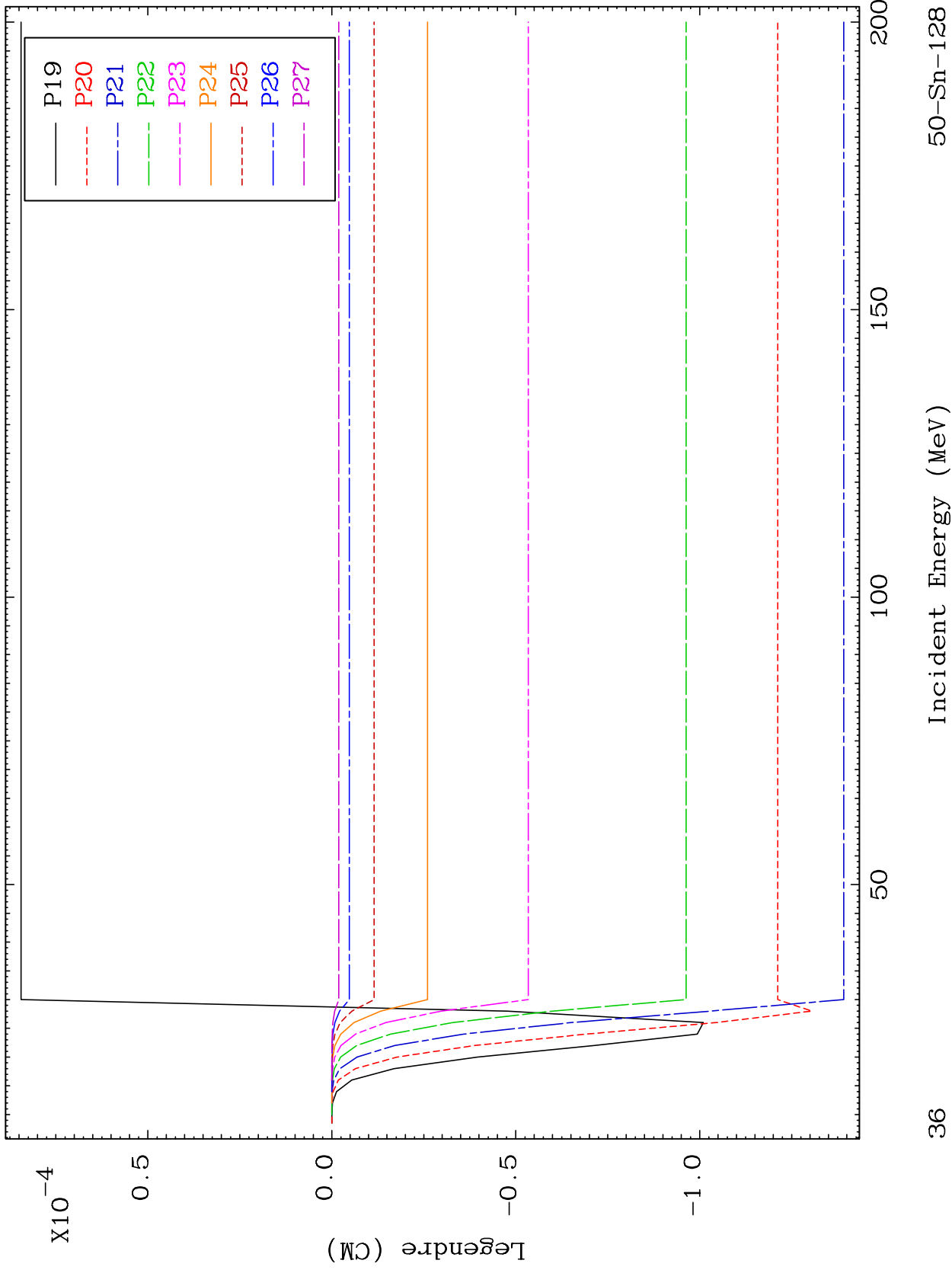
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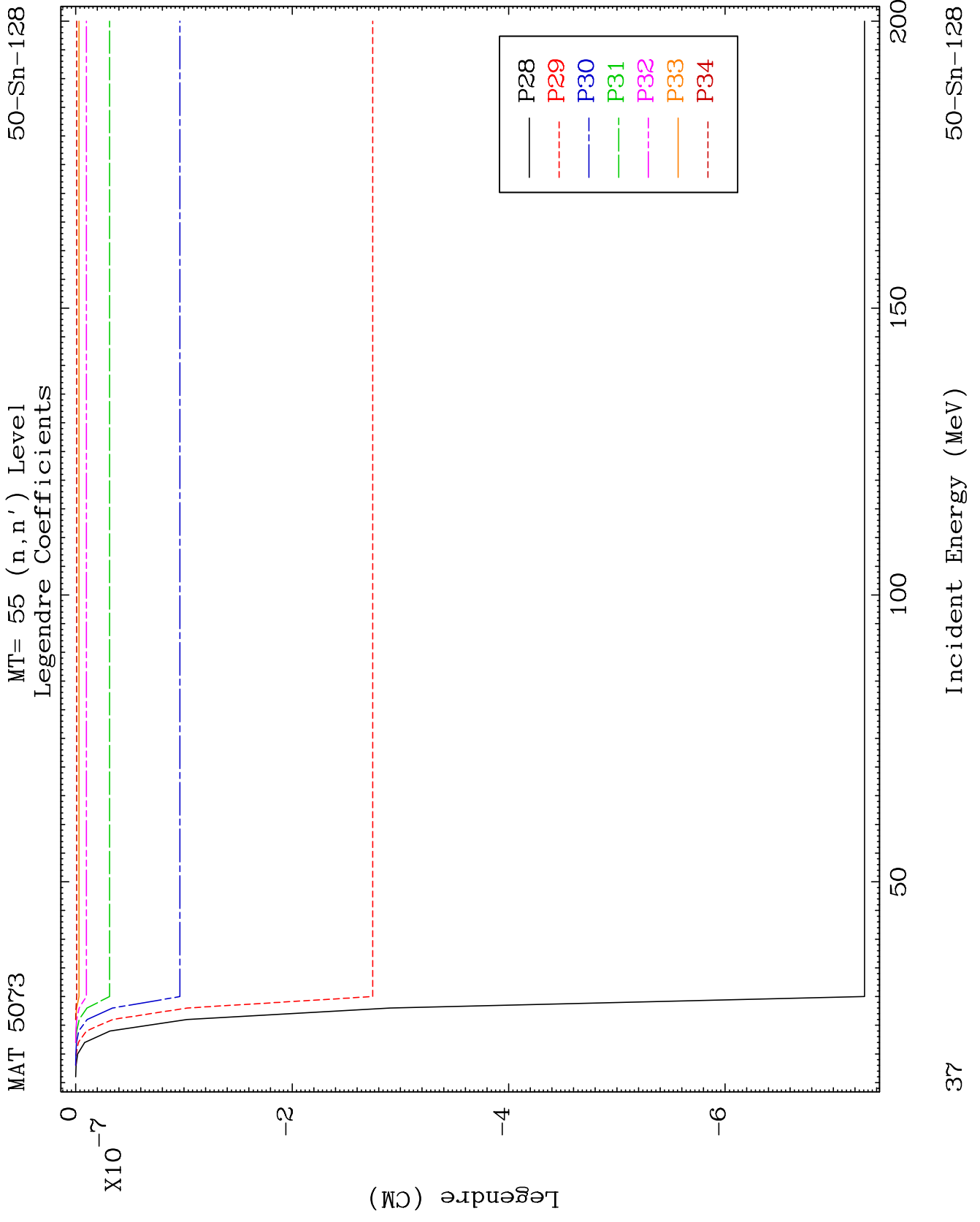


50-Sn-128

Incident Energy (MeV)

35

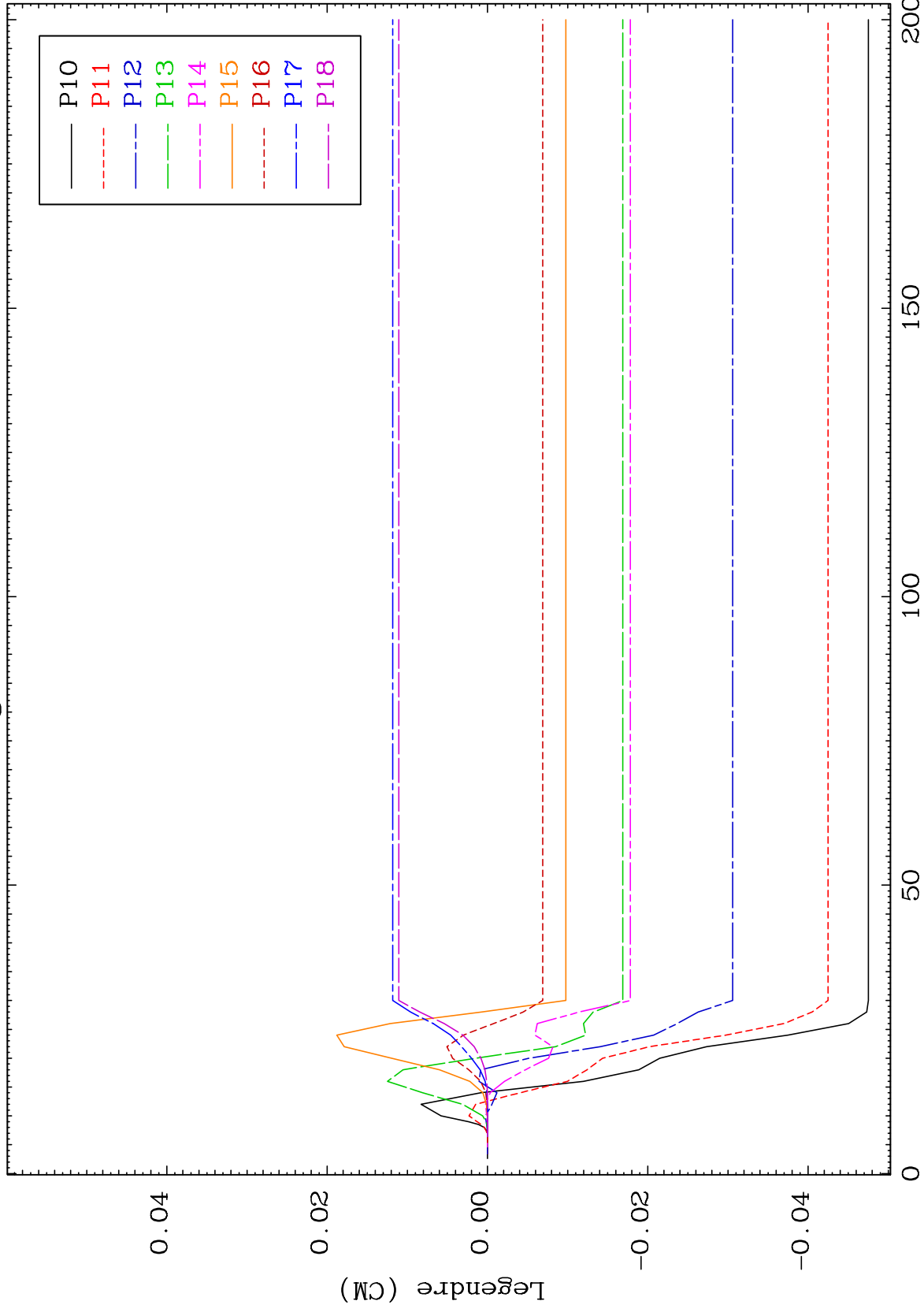




MAT 5073

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

50-Sn-128



39

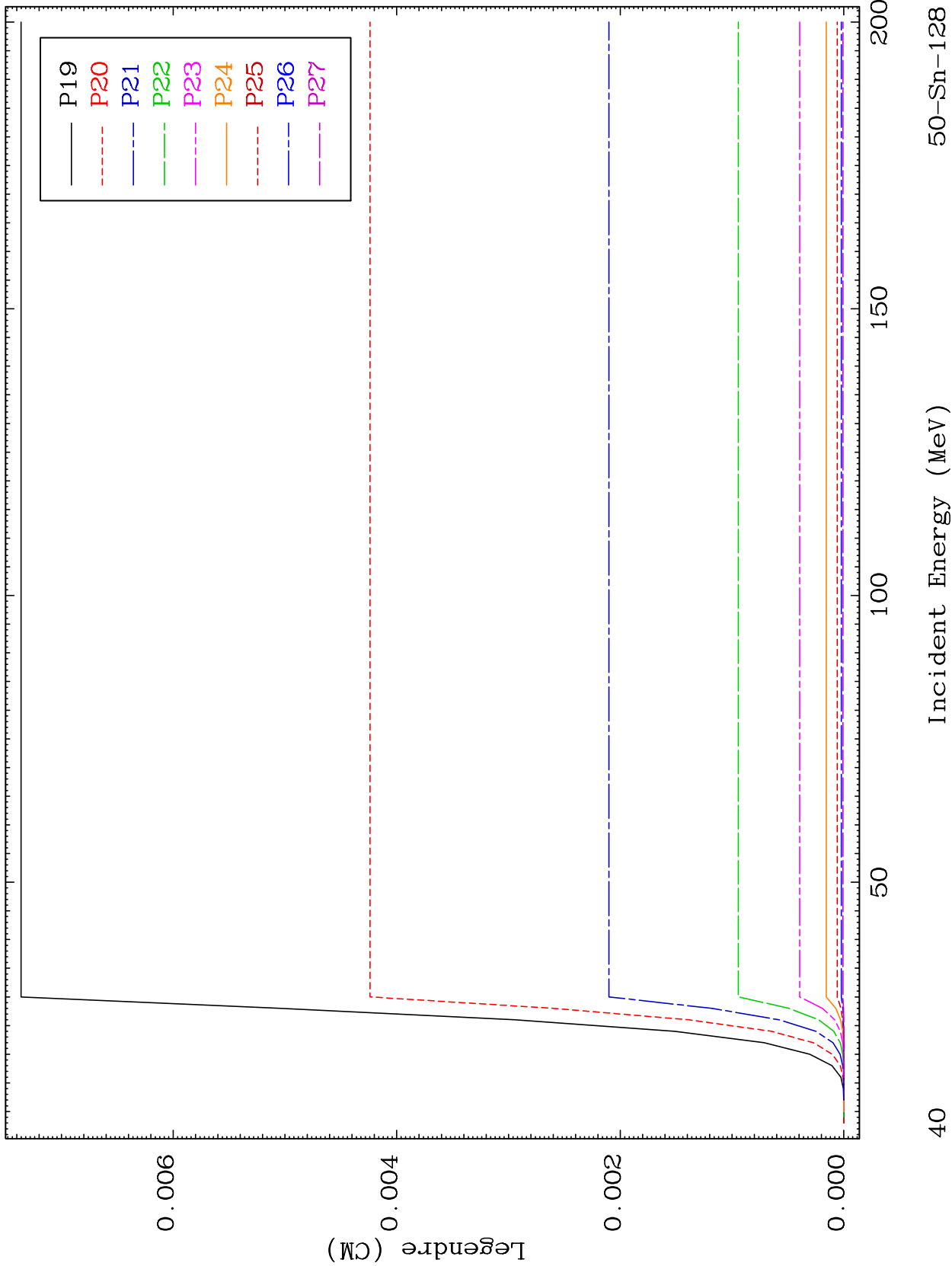
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

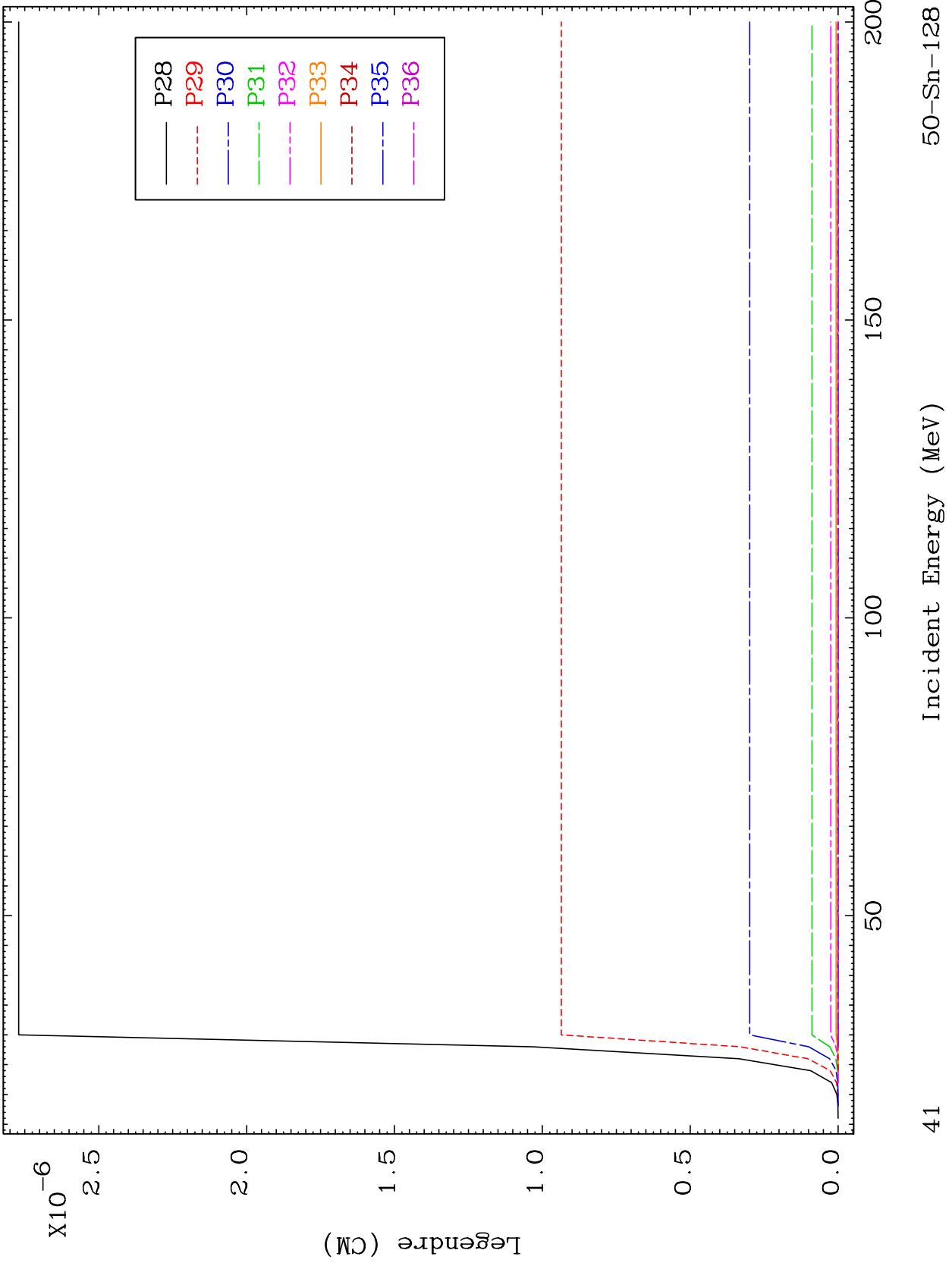
50-Sn-128



MAT 5073

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

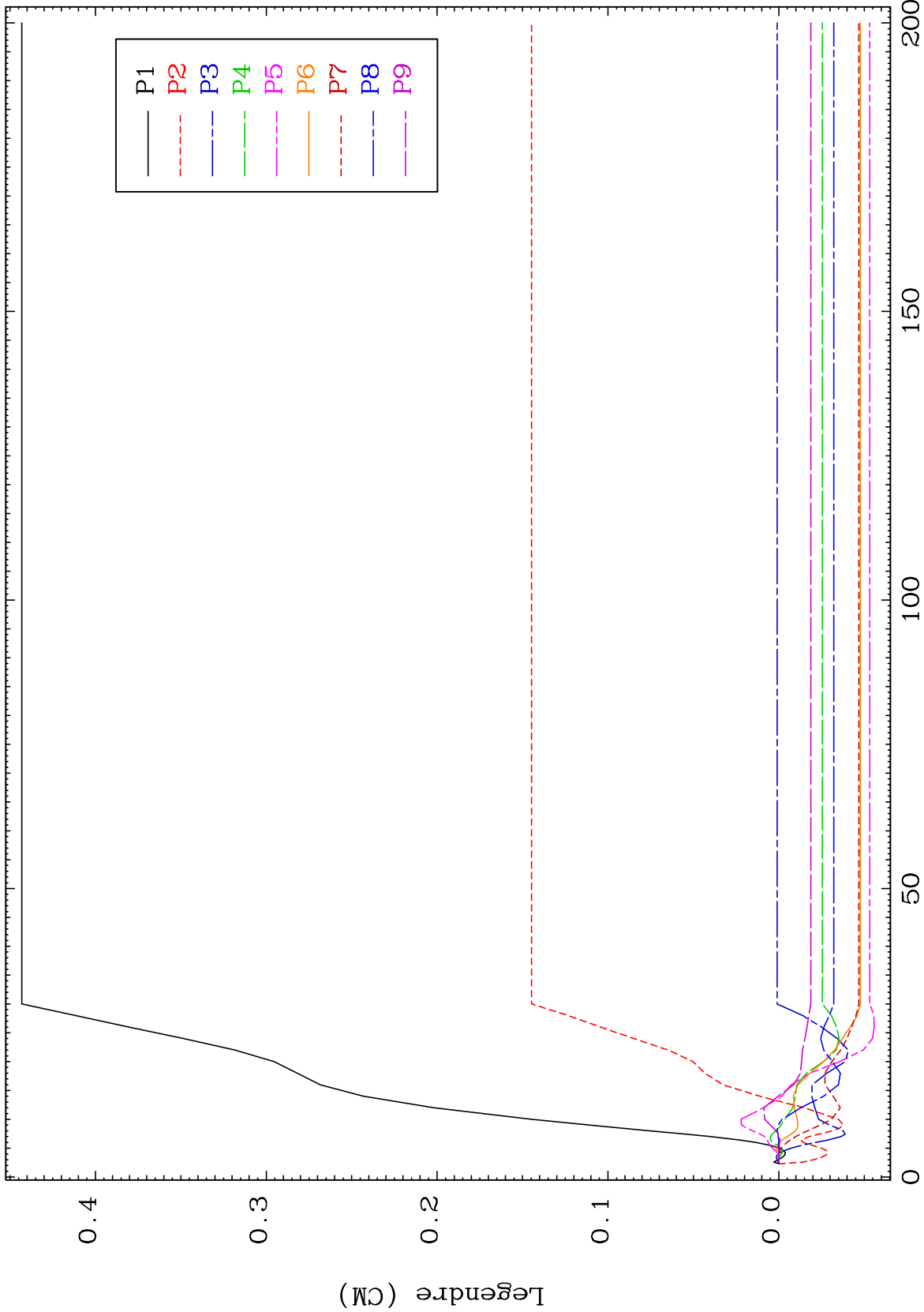
50-Sn-128



MAT 5073

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

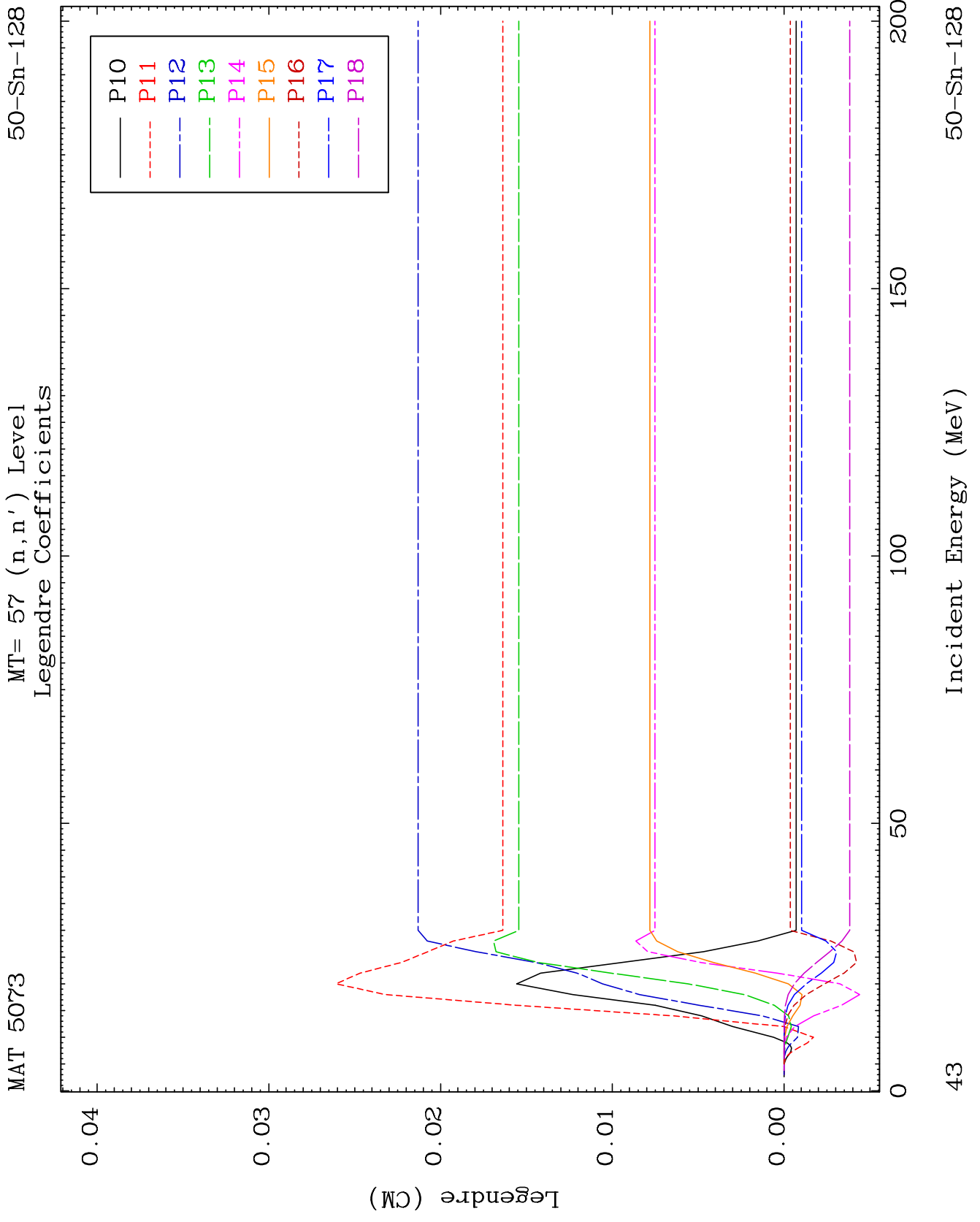
50-Sn-128



42

Incident Energy (MeV)

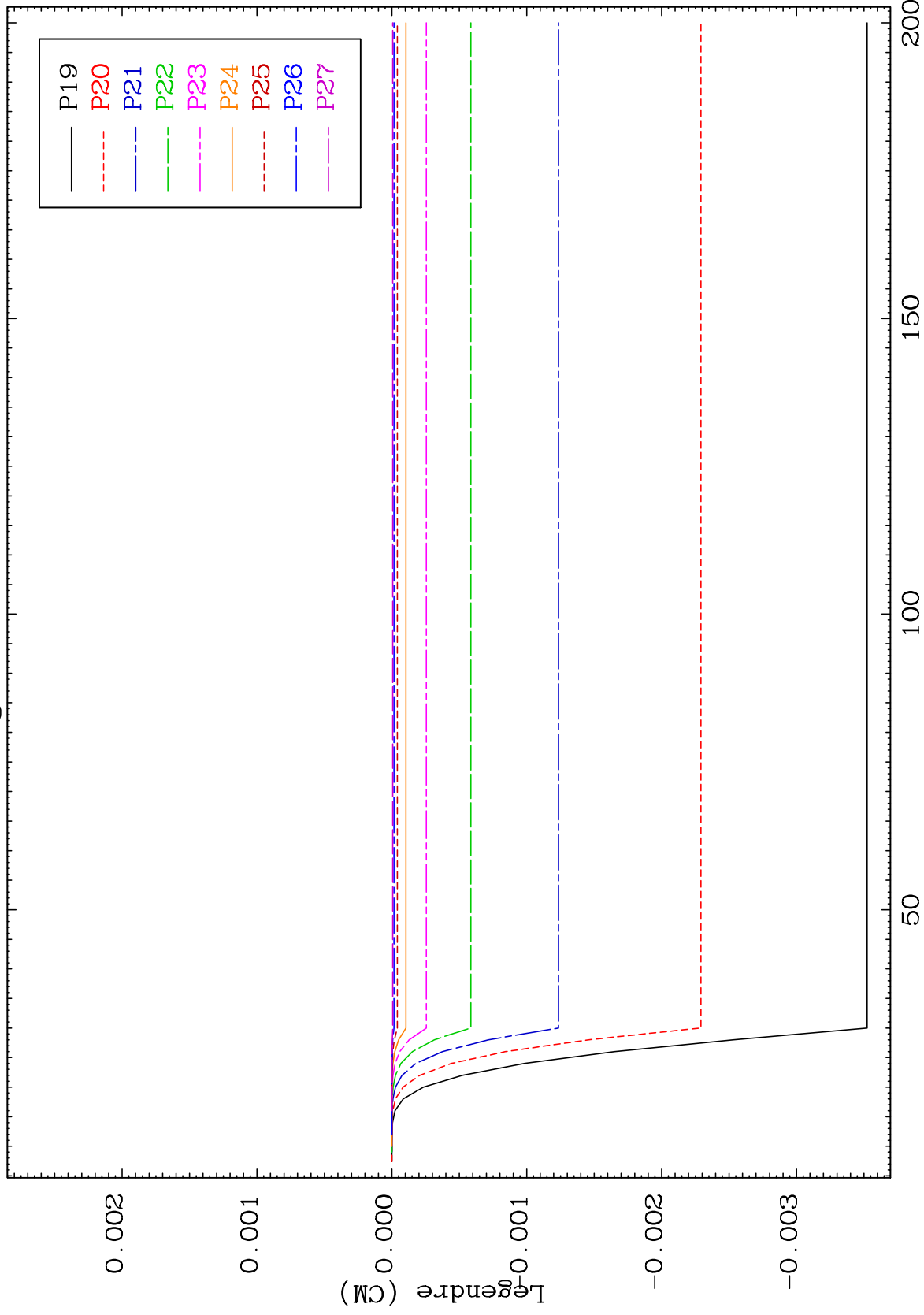
50-Sn-128



MAT 5073

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

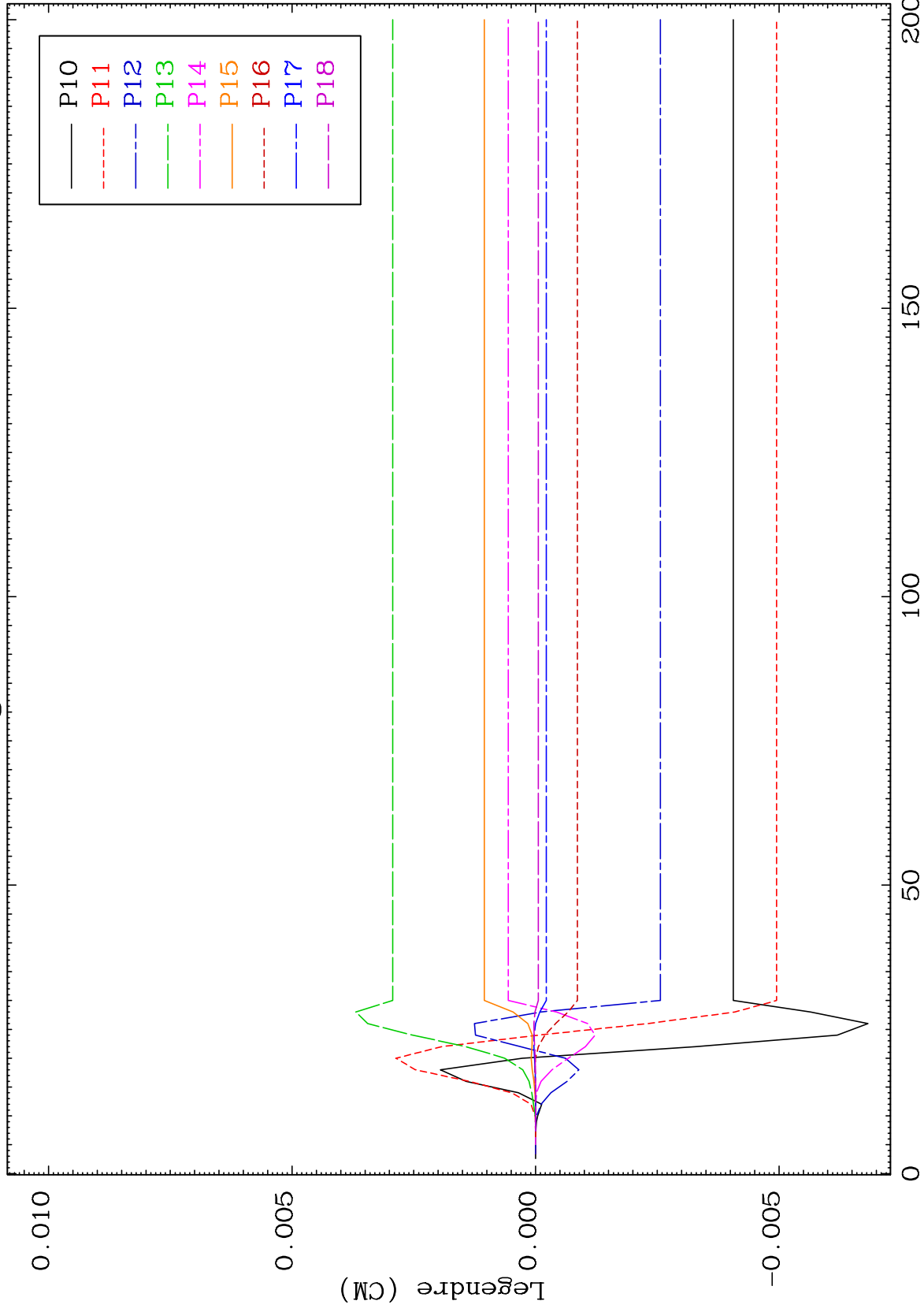
50-Sn-128



MAT 5073

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

50-Sn-128



47

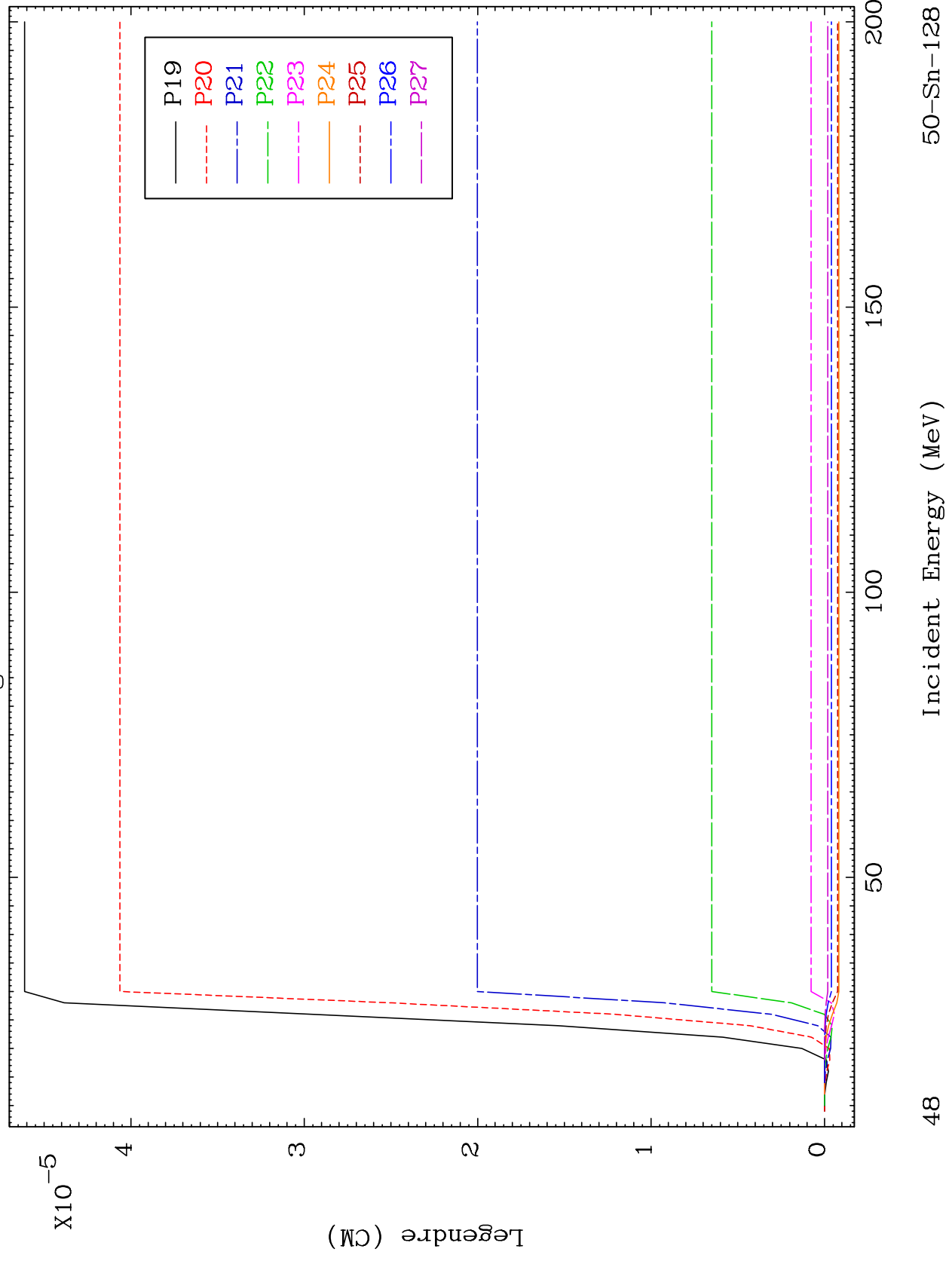
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

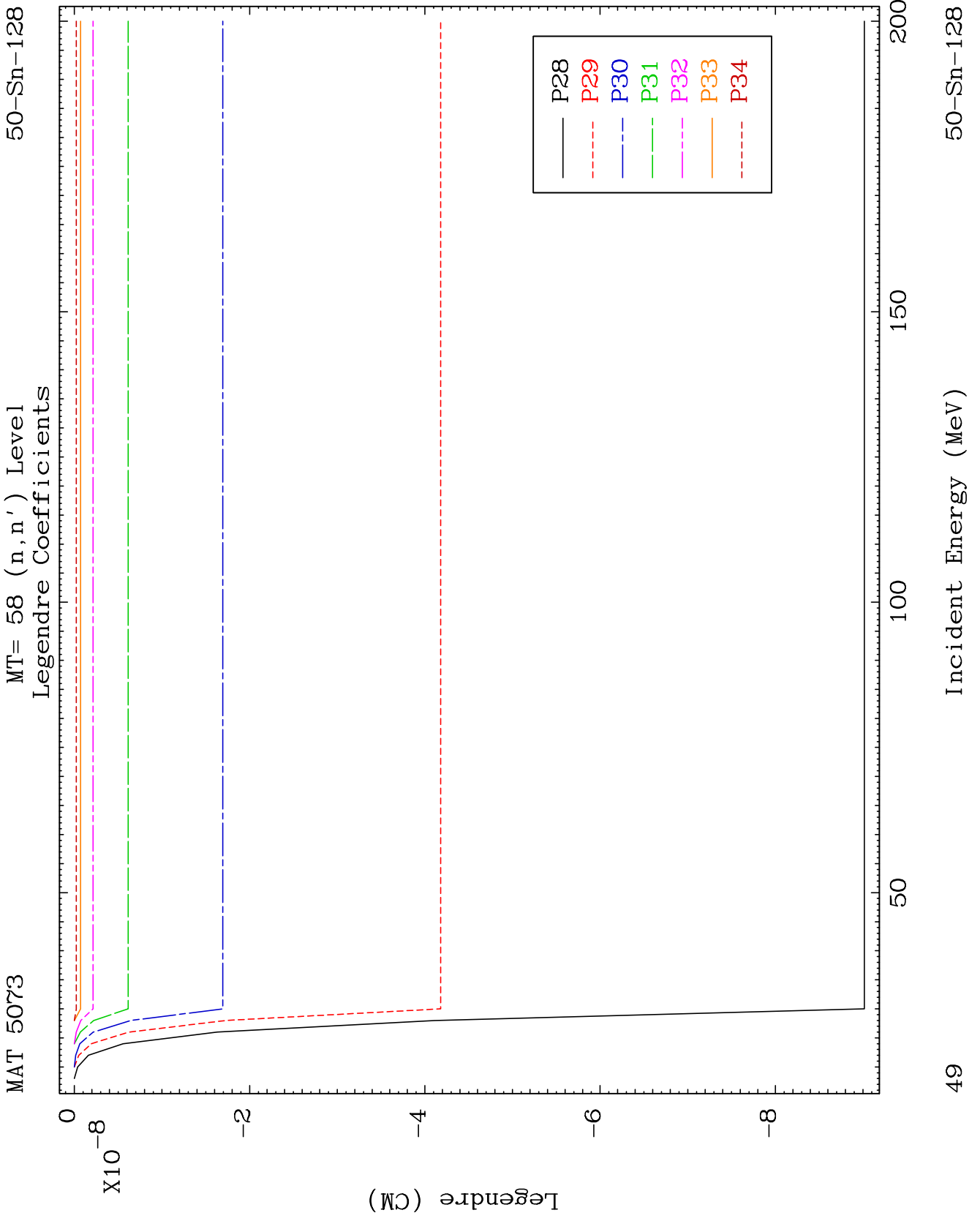
50-Sn-128

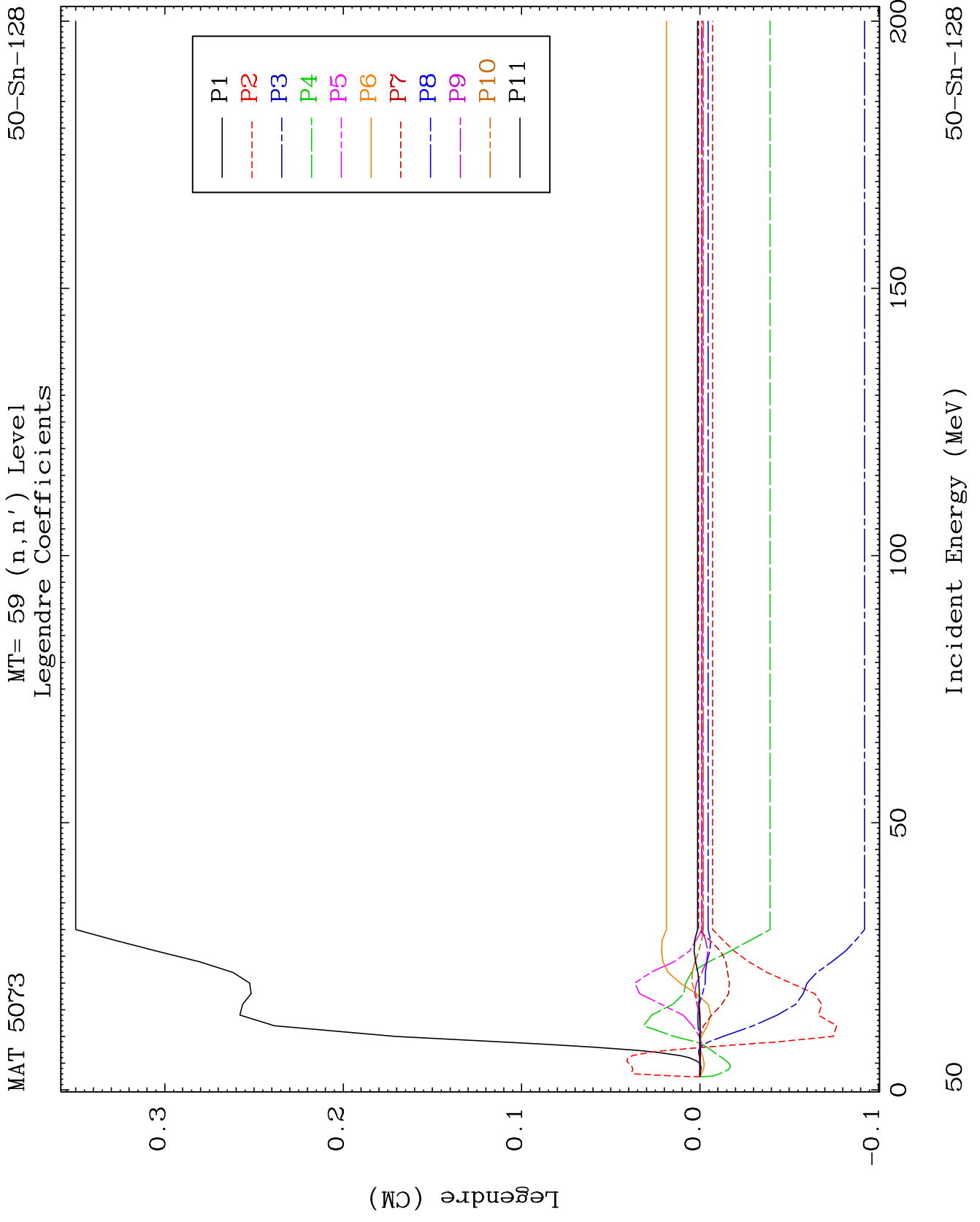


48

Incident Energy (MeV)

50-Sn-128

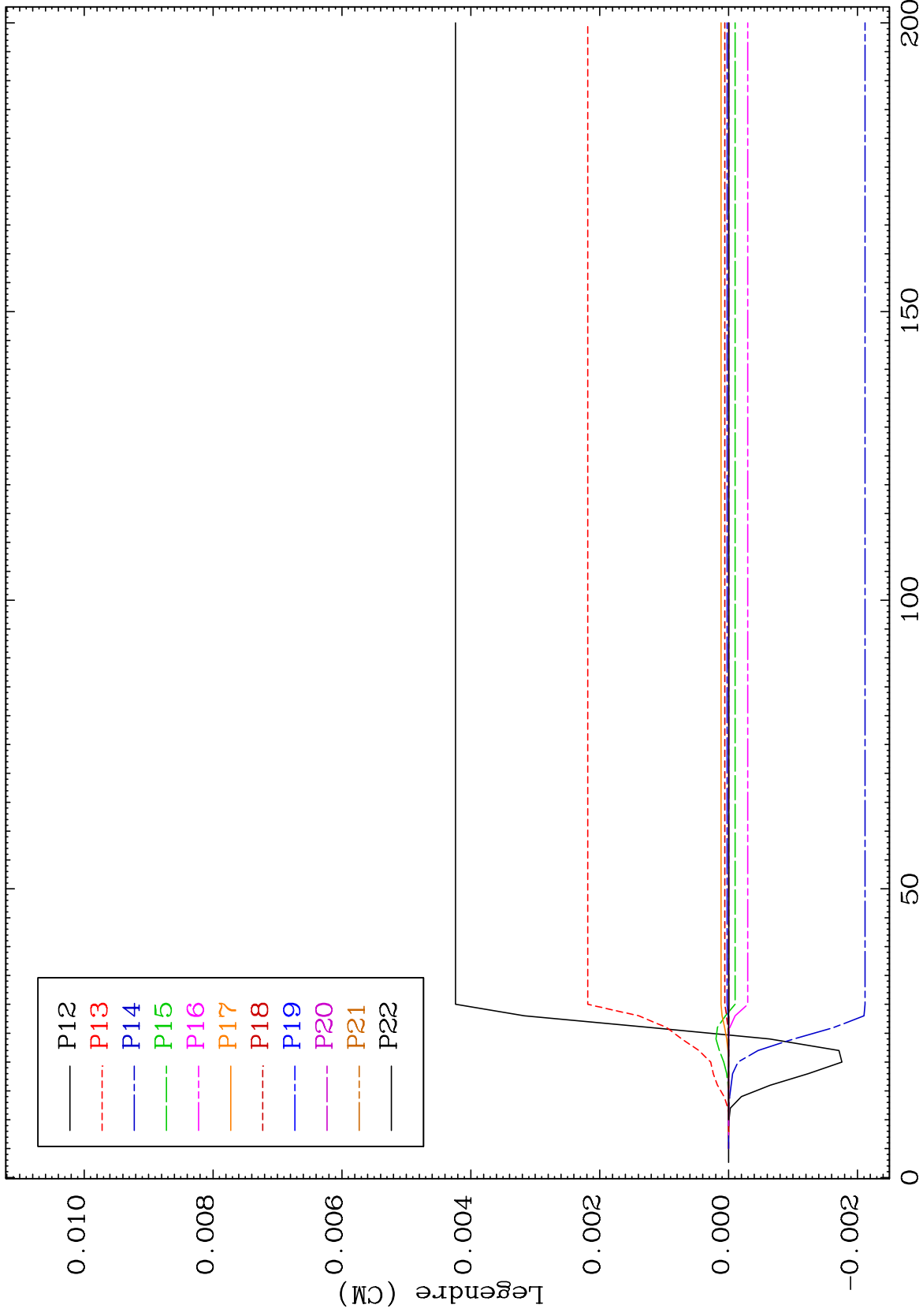


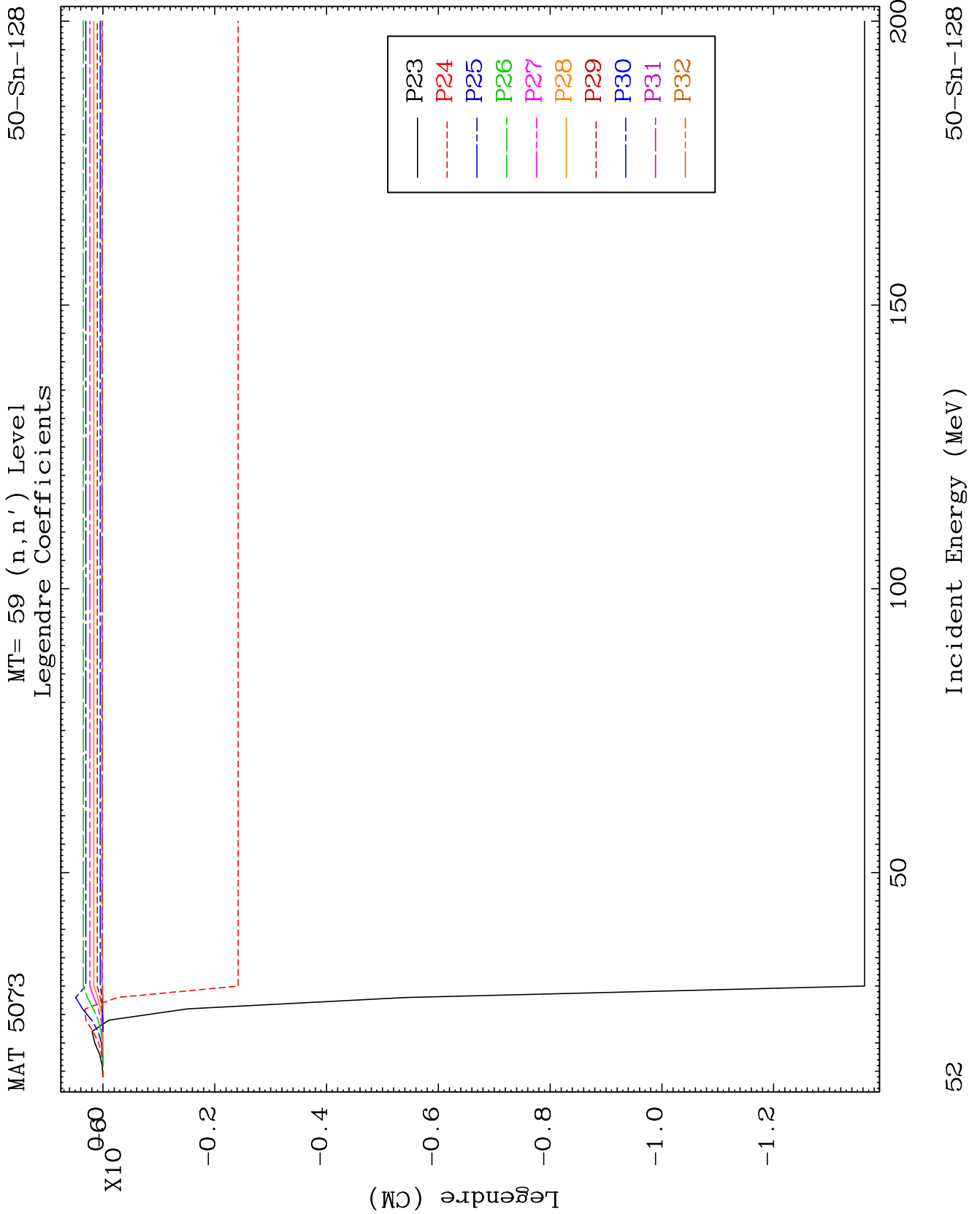


MAT 5073

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

50-Sn-128

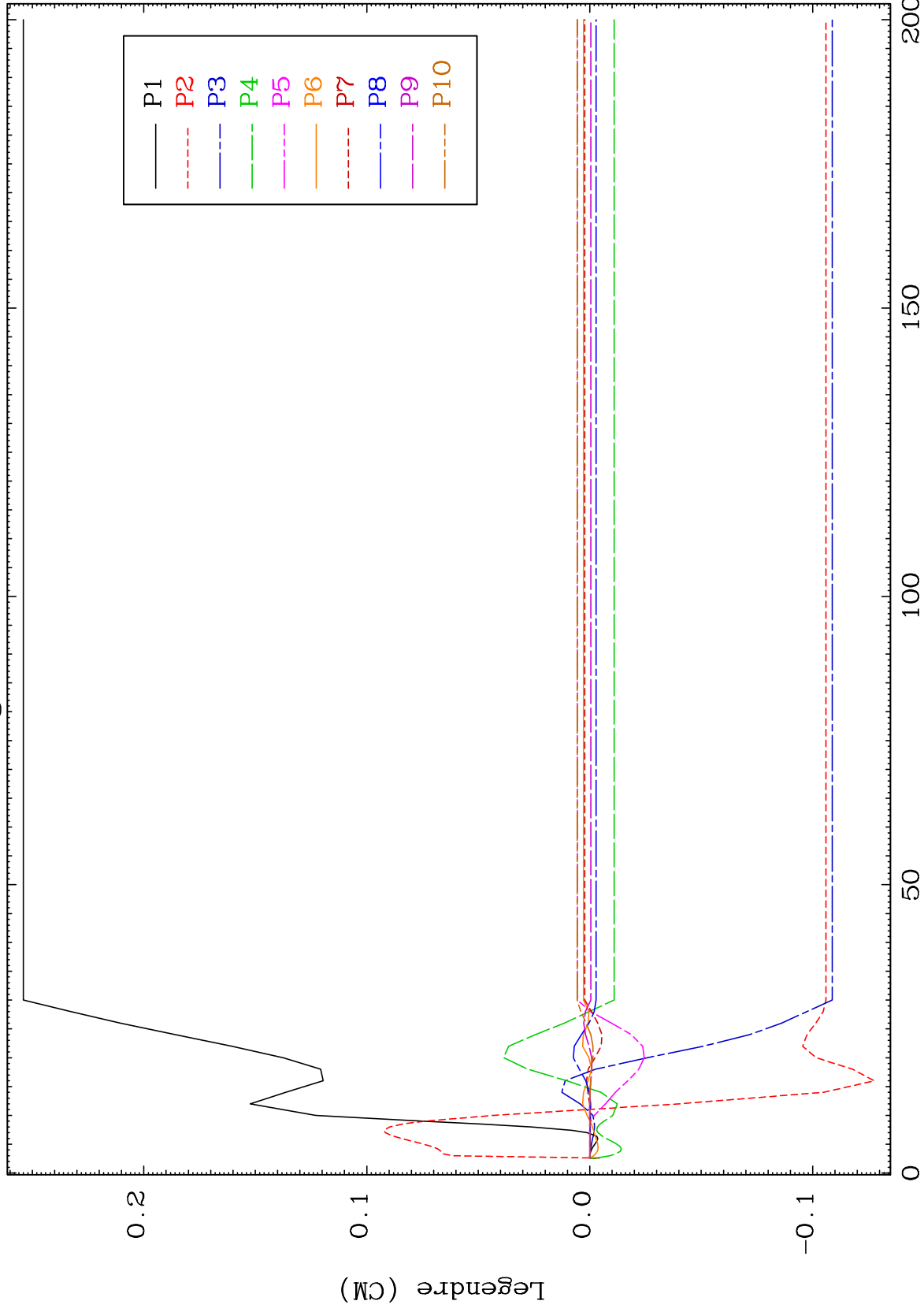




MAT 5073

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

50-Sn-128



53

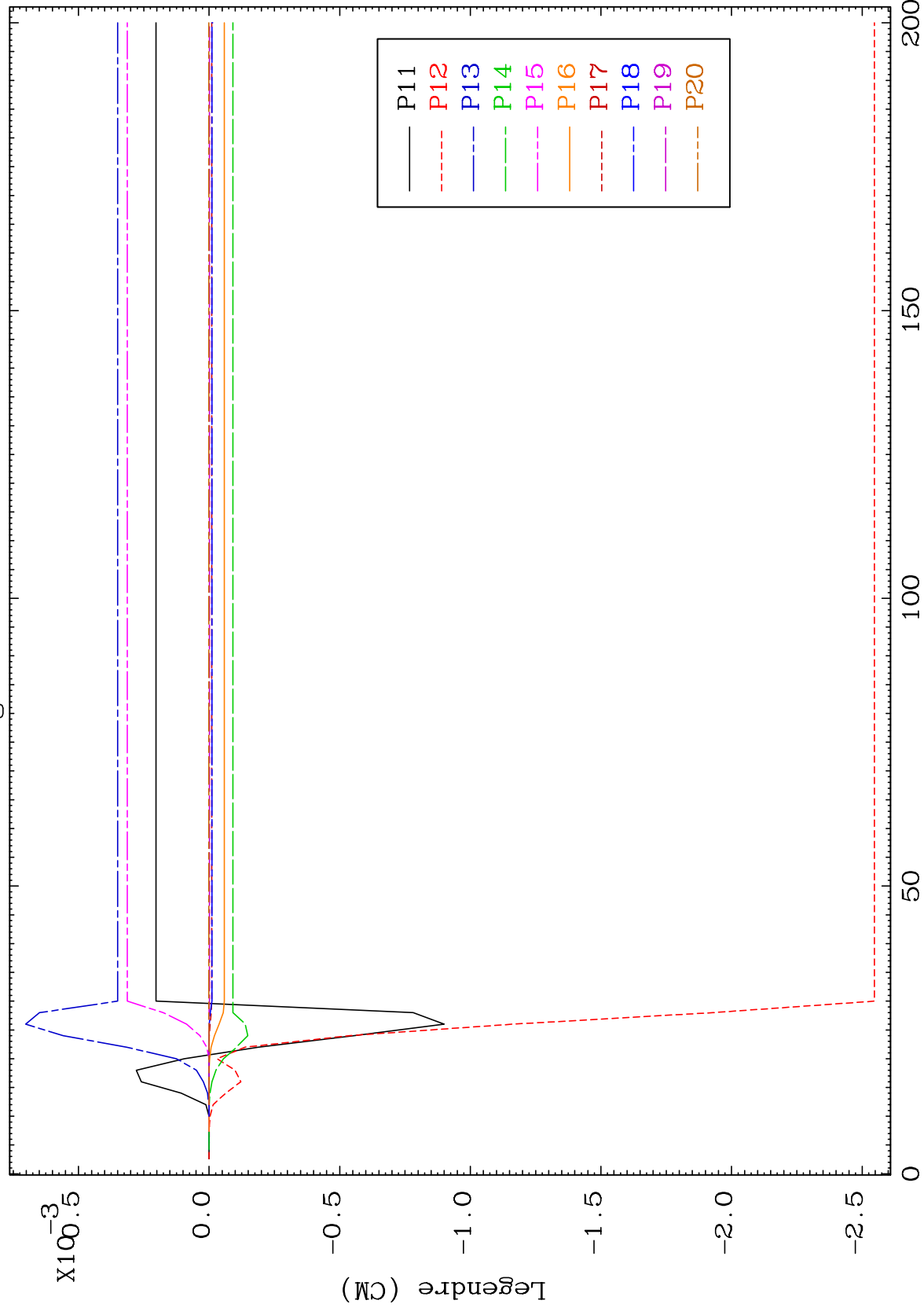
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

50-Sn-128



54

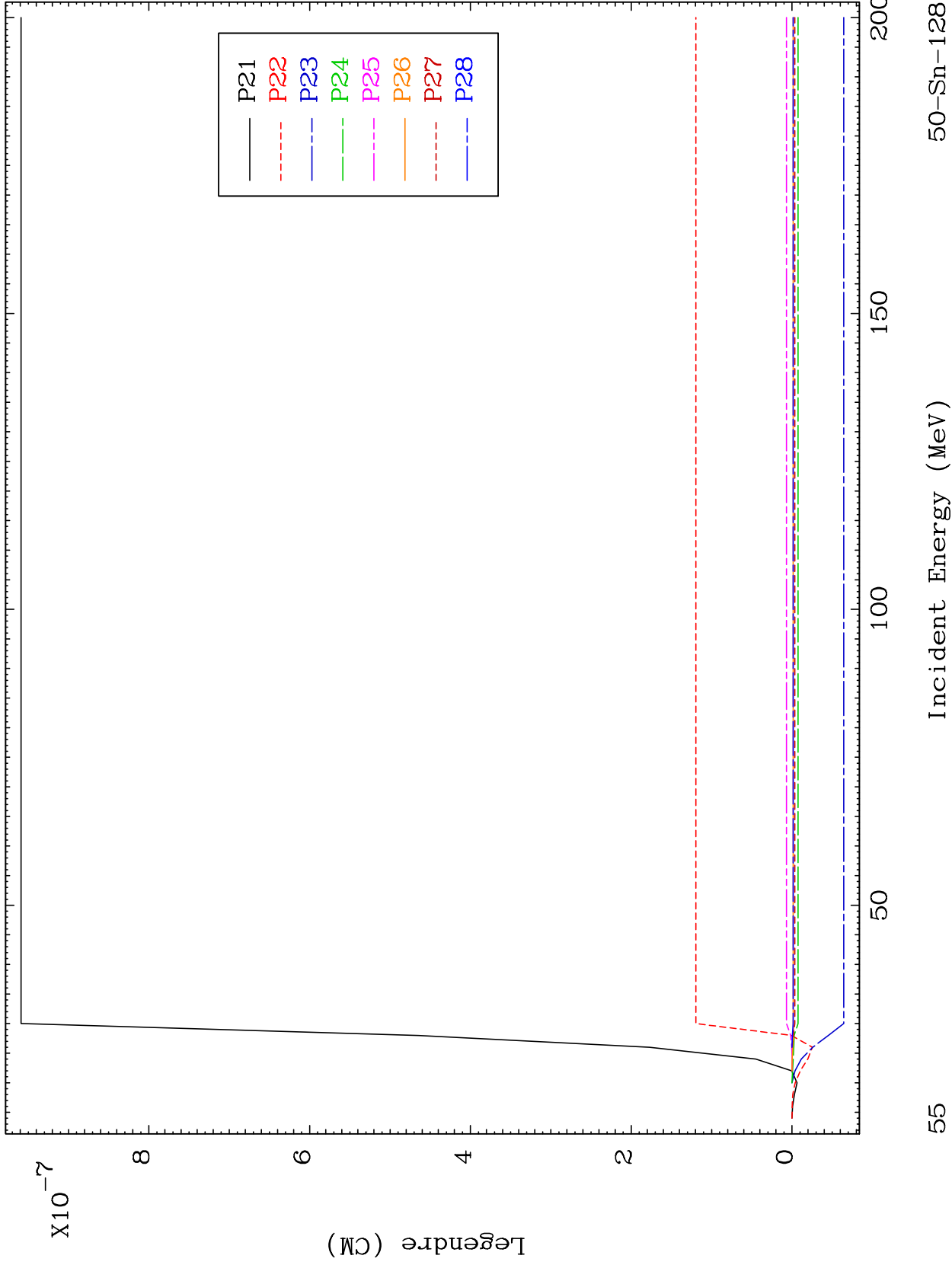
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

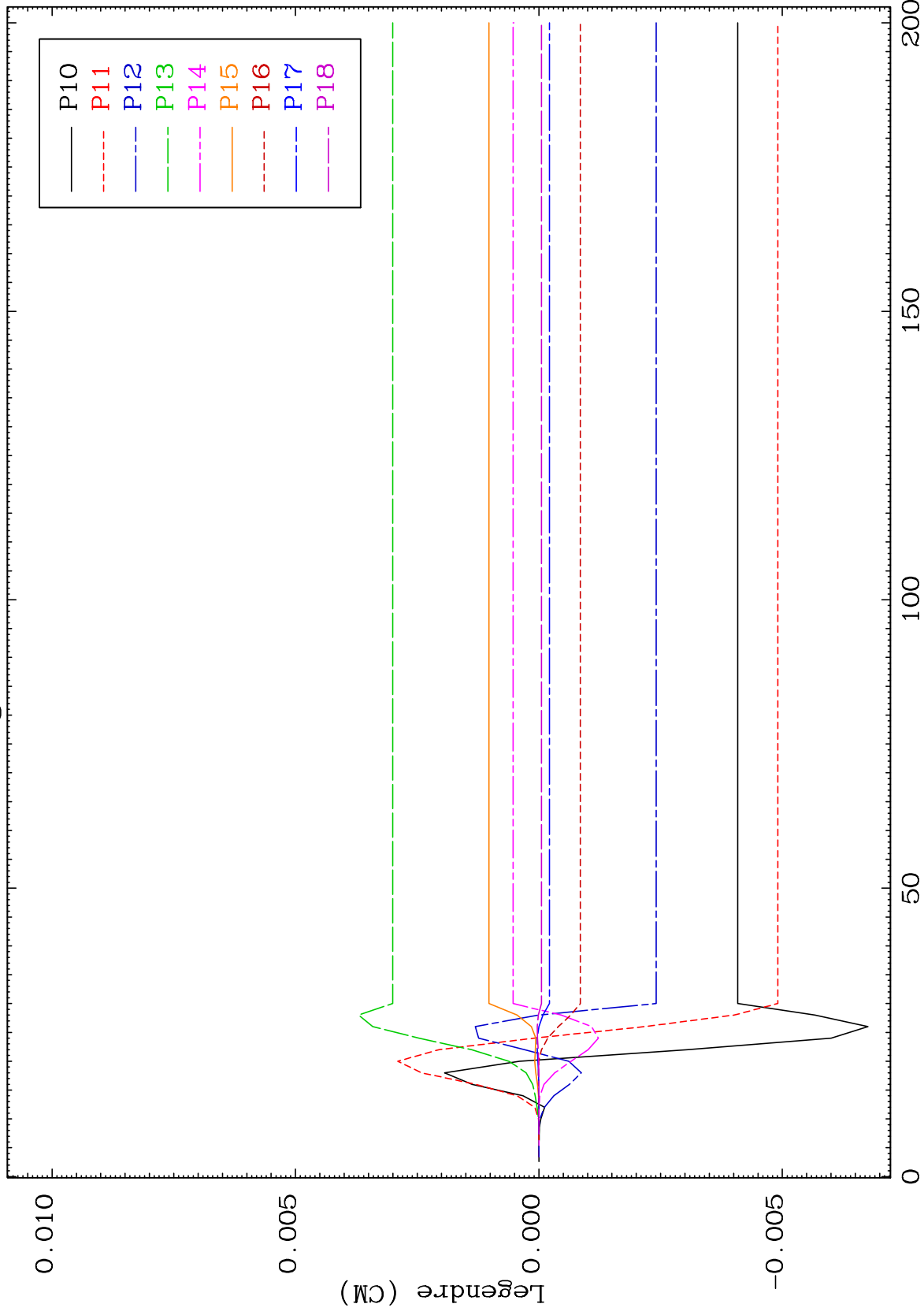
50-Sn-128



MAT 5073

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

50-Sn-128



57

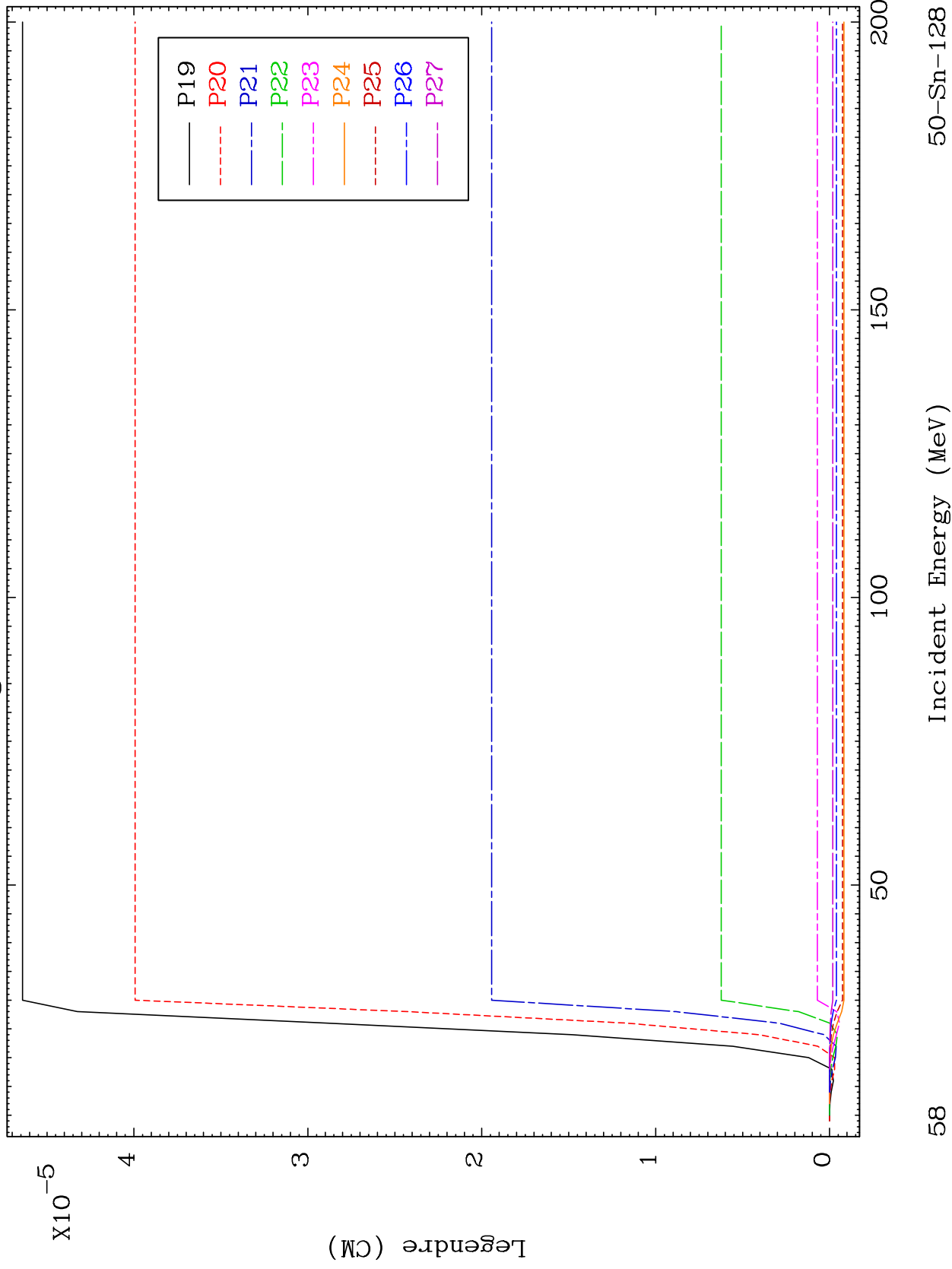
Incident Energy (MeV)

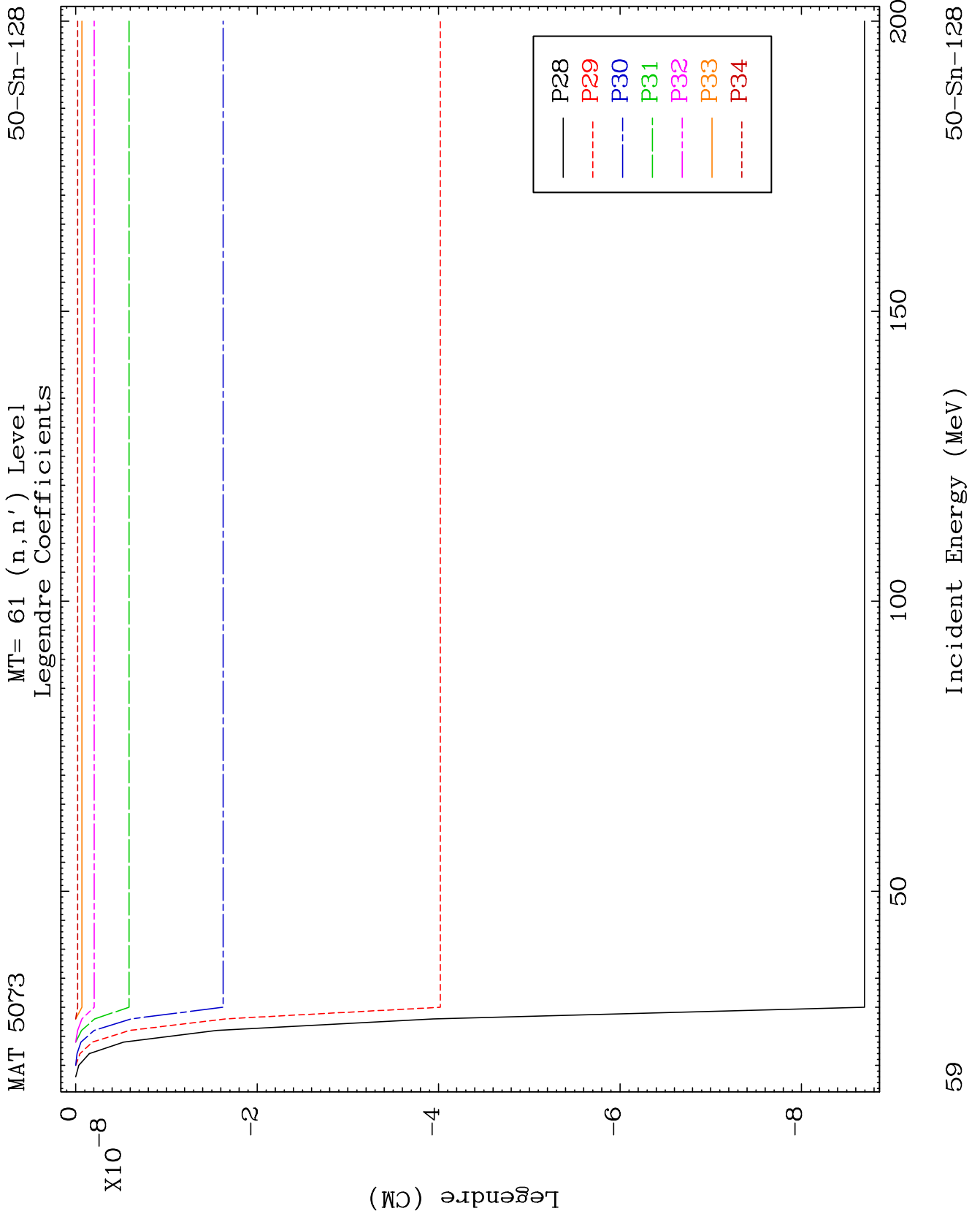
50-Sn-128

MAT 5073

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

50-Sn-128

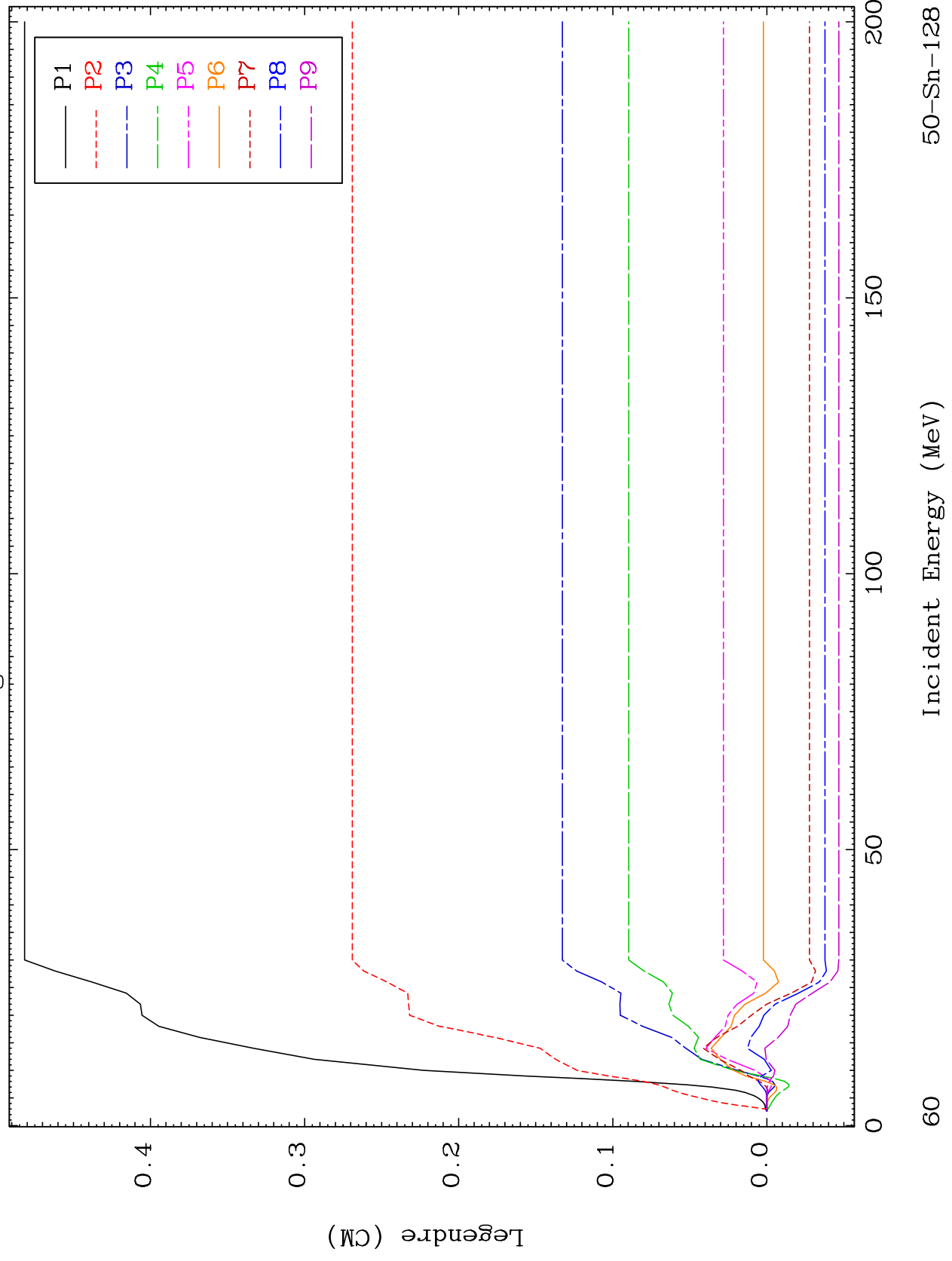




MAT 5073

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

50-Sn-128



50-Sn-128

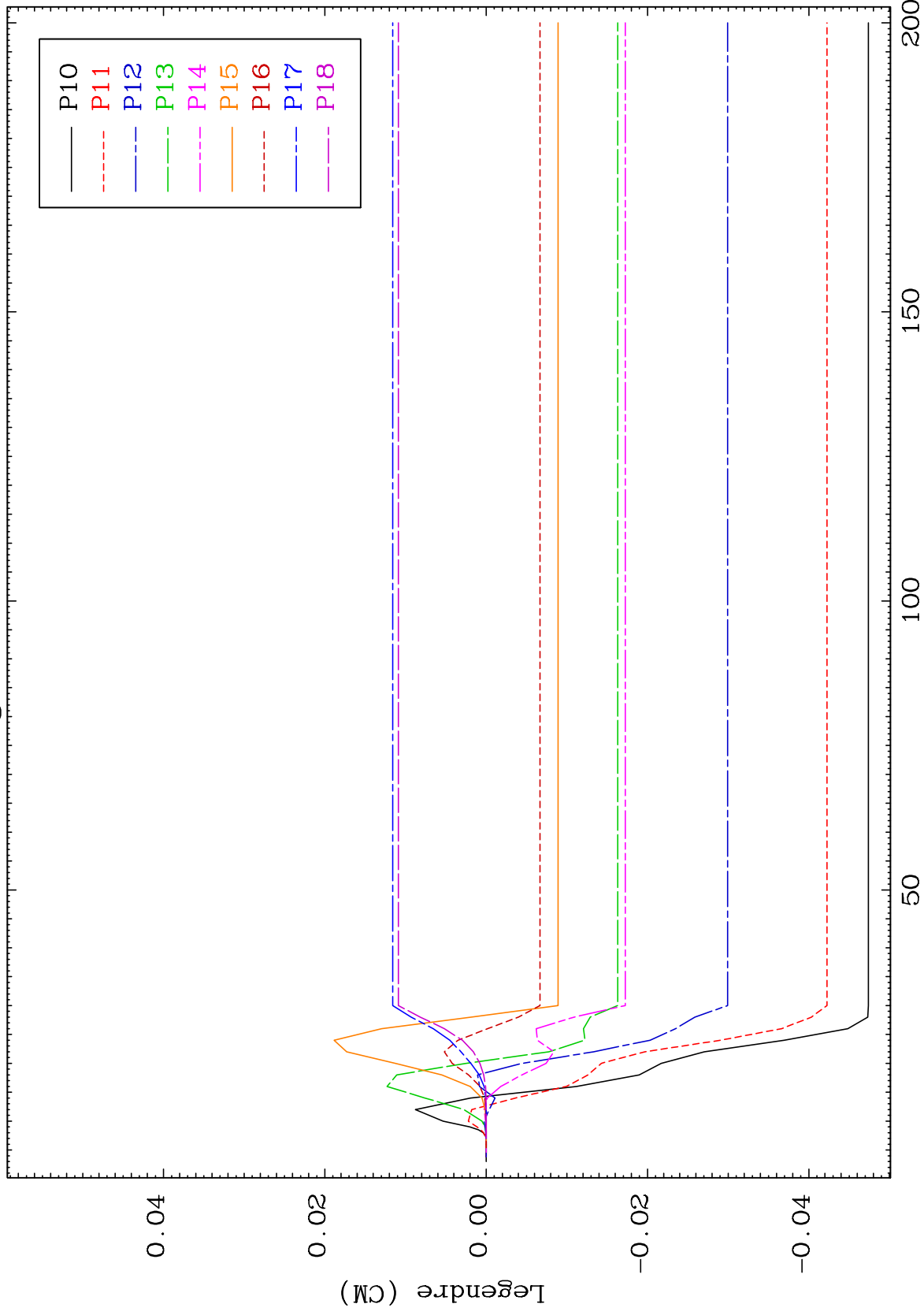
Incident Energy (MeV)

60

MAT 5073

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

50-Sn-128



61

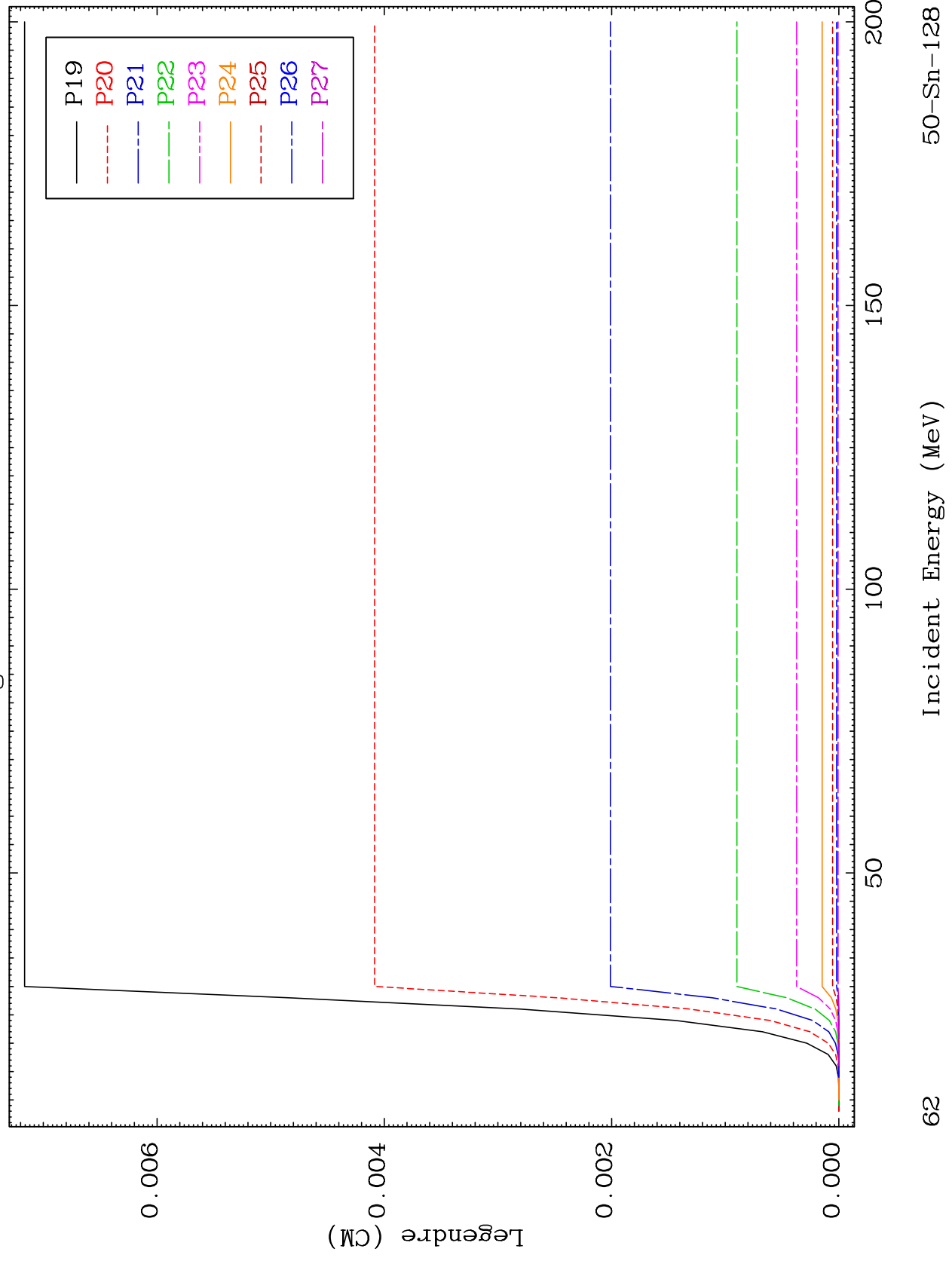
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

50-Sn-128



62

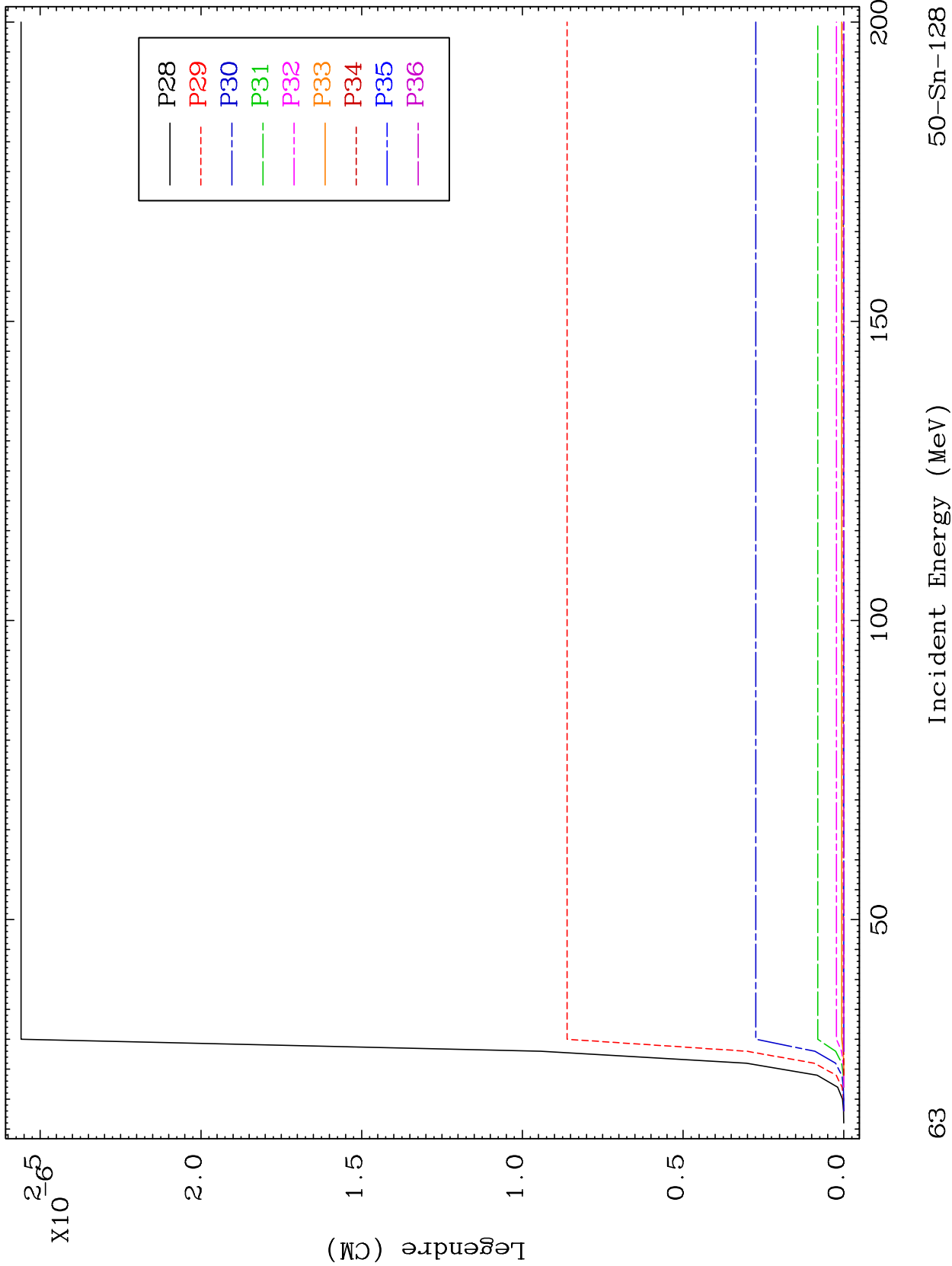
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

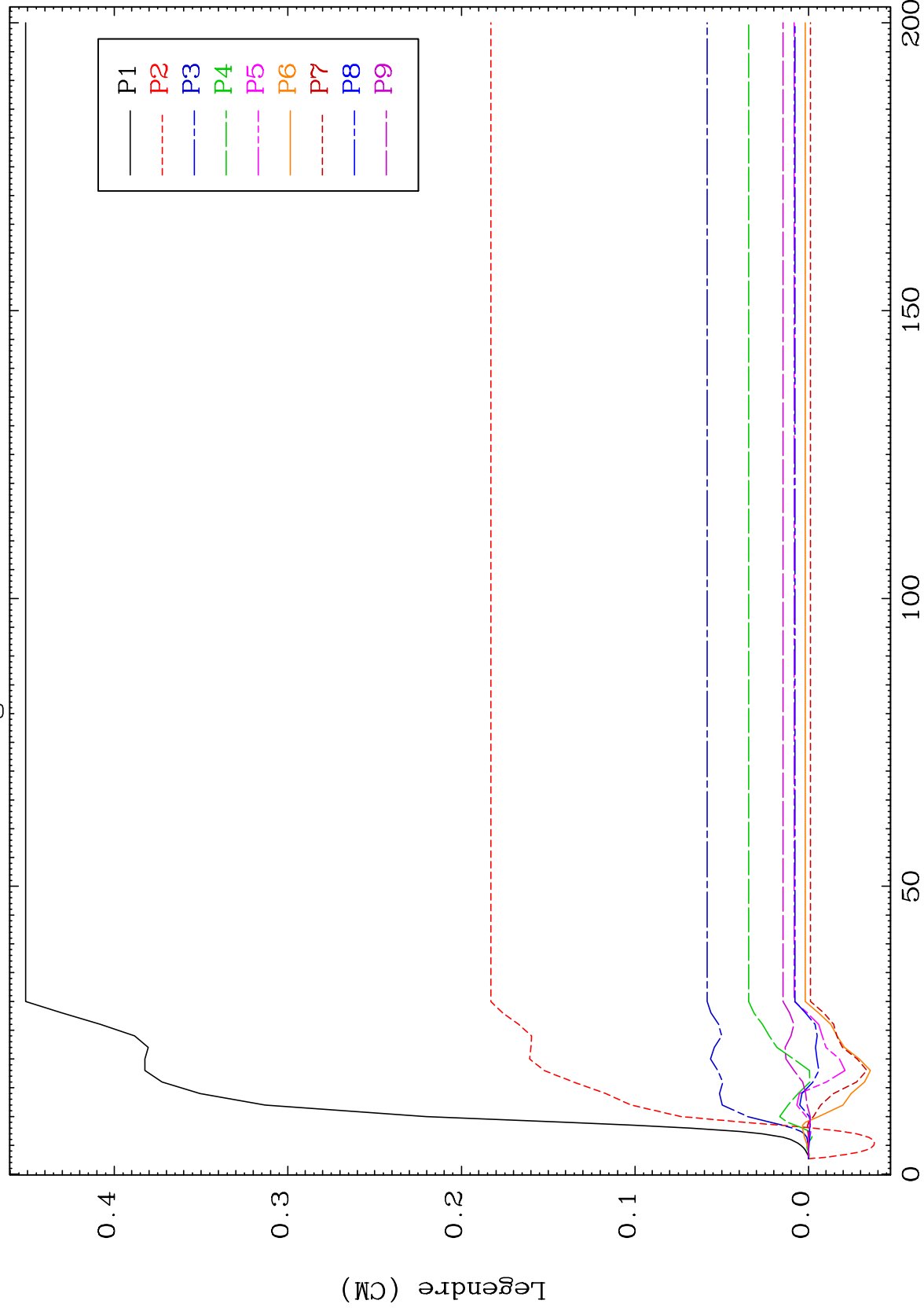
50-Sn-128



MAT 5073

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

50-Sn-128



64

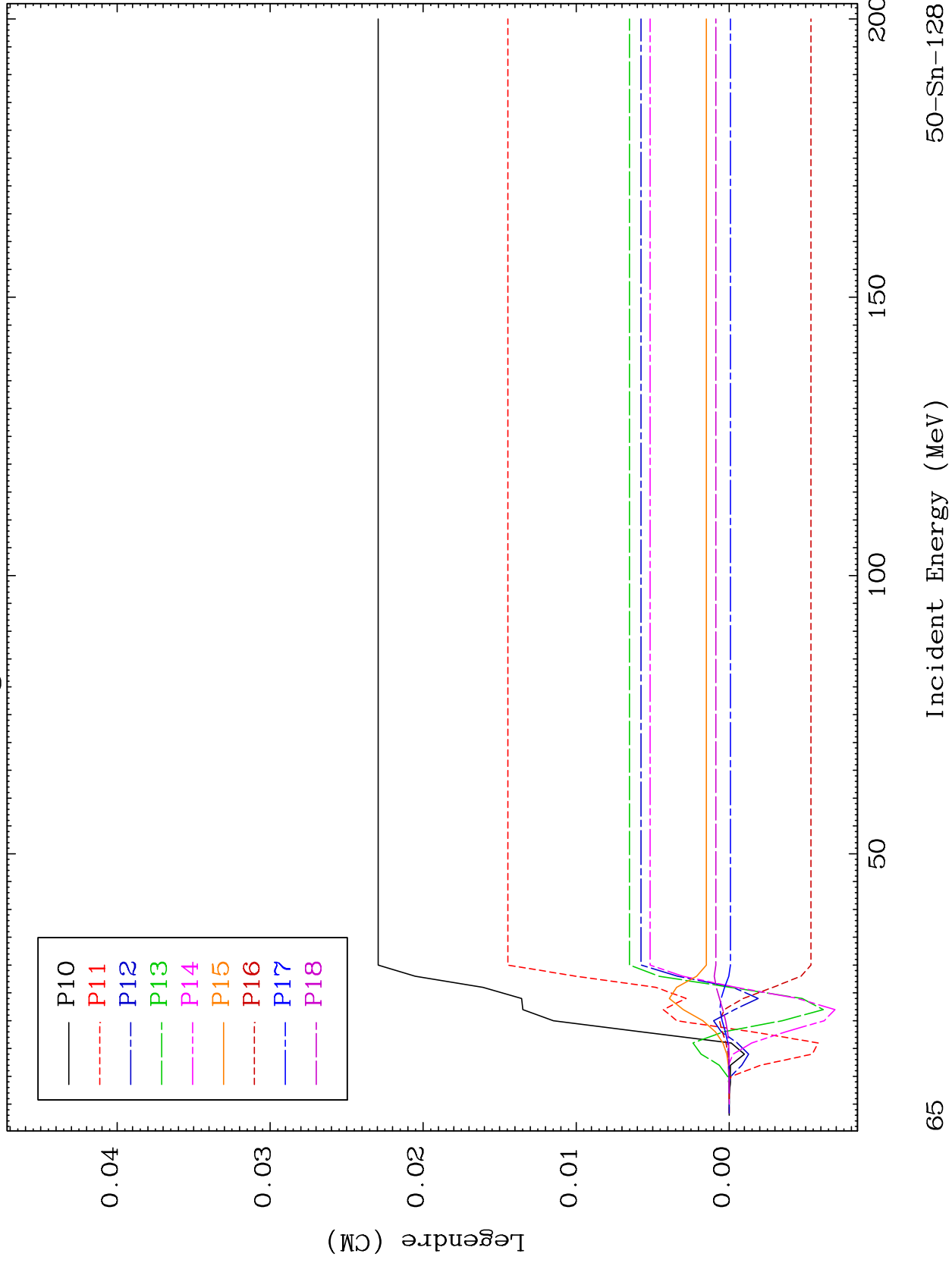
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

50-Sn-128



65

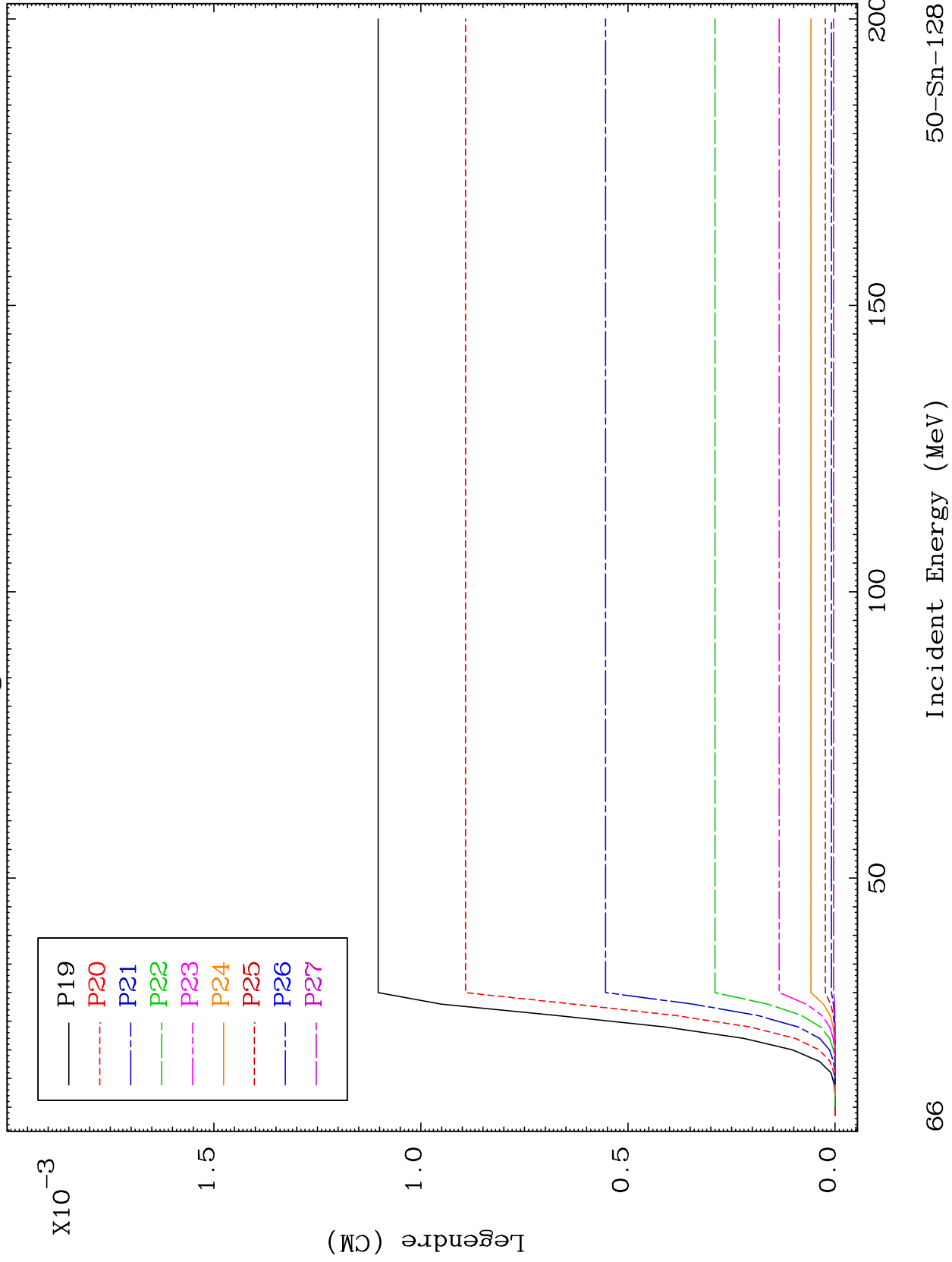
50-Sn-128

Incident Energy (MeV)

MAT 5073

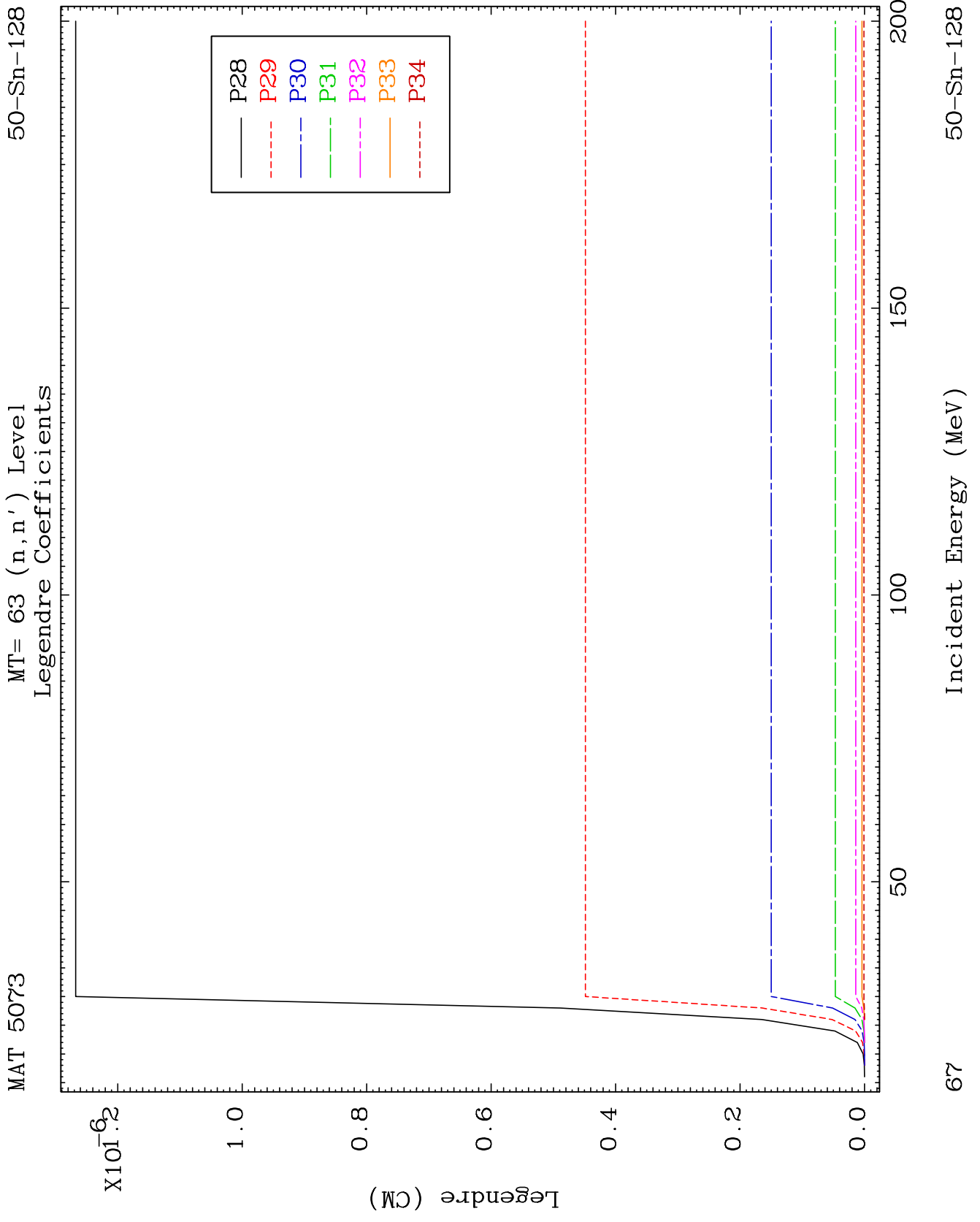
MT= 63 (n,n') Level
Legendre Coefficients

50-Sn-128



66

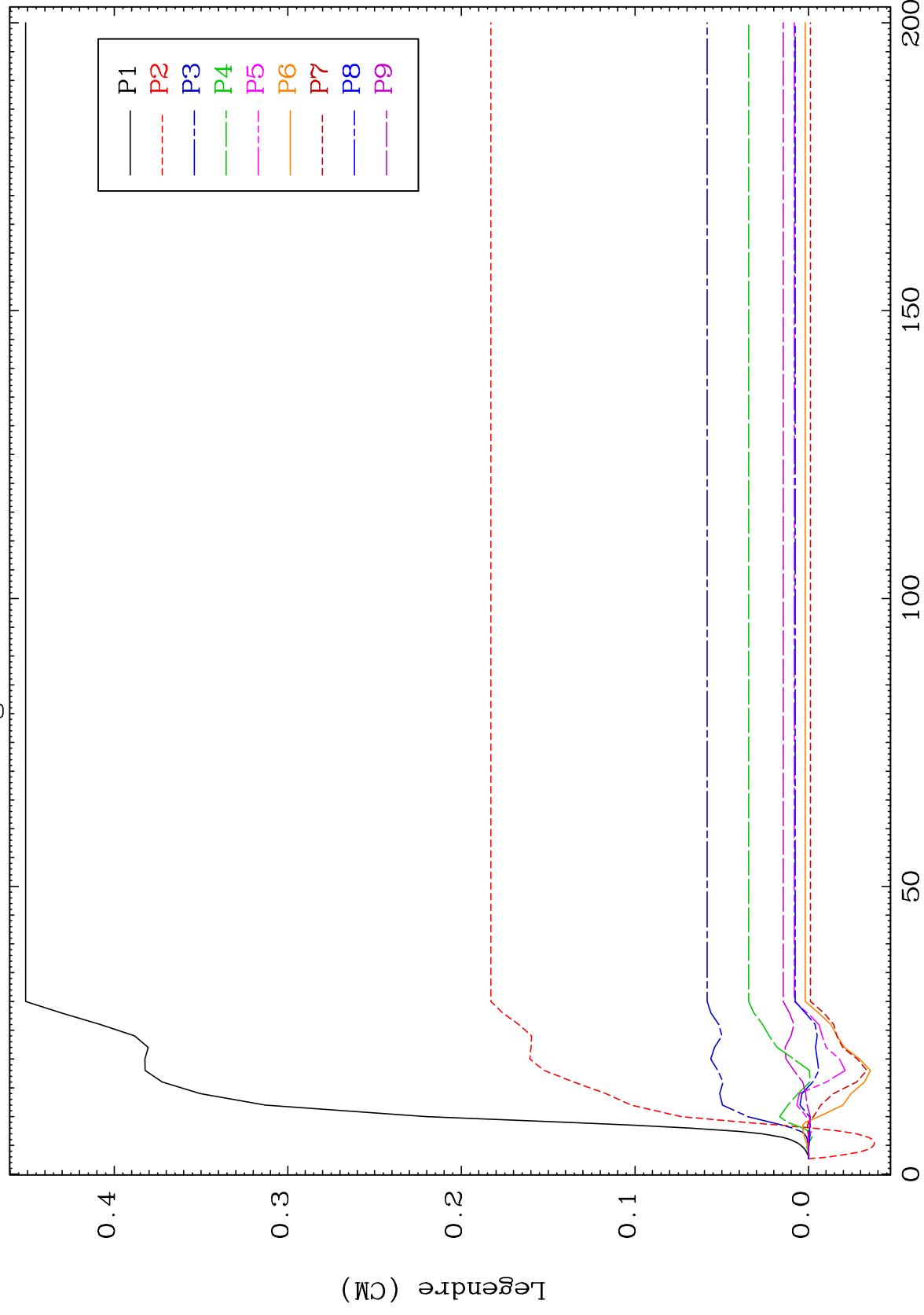
50-Sn-128



MAT 5073

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

50-Sn-128



50-Sn-128

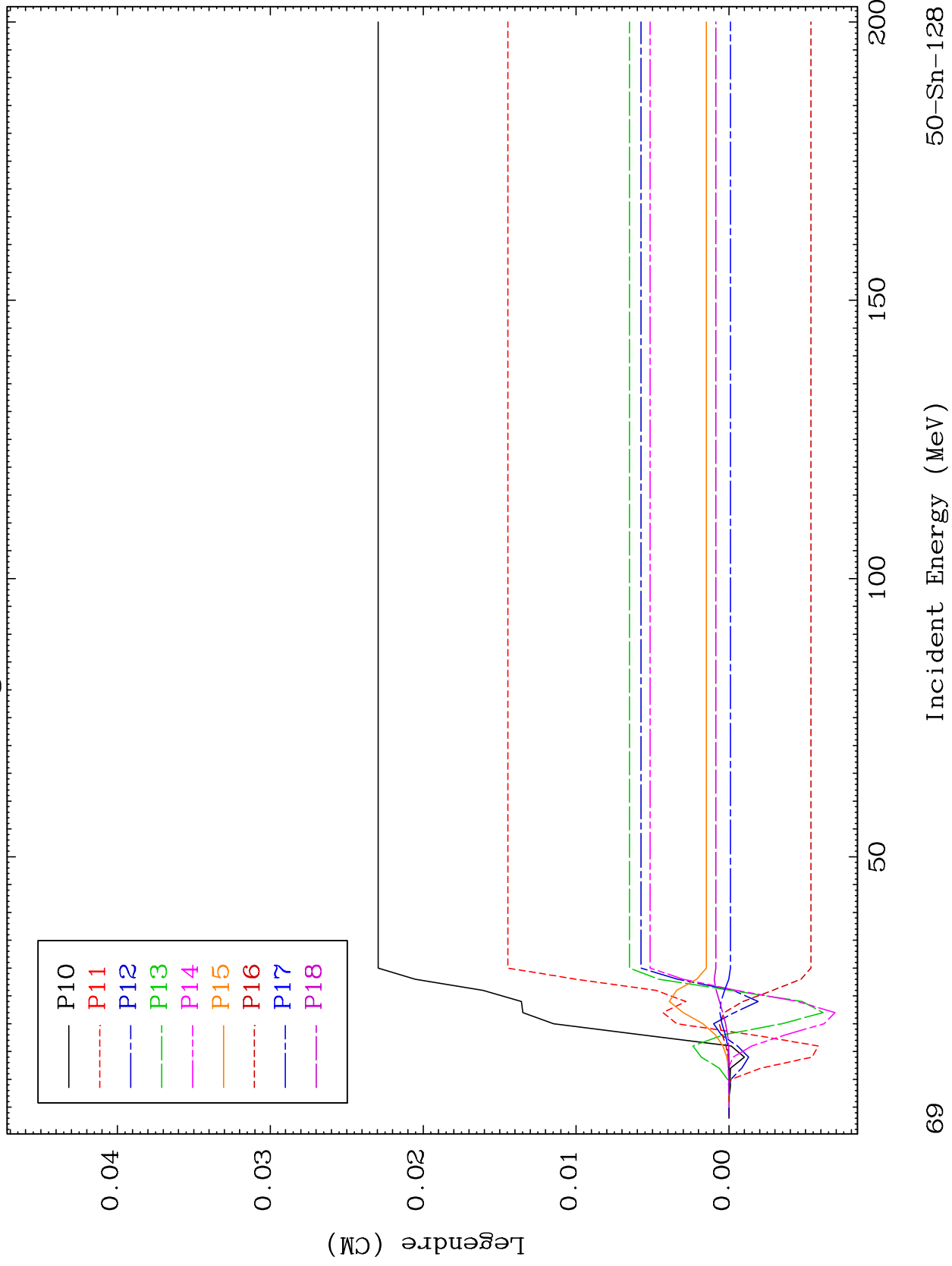
Incident Energy (MeV)

68

MAT 5073

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

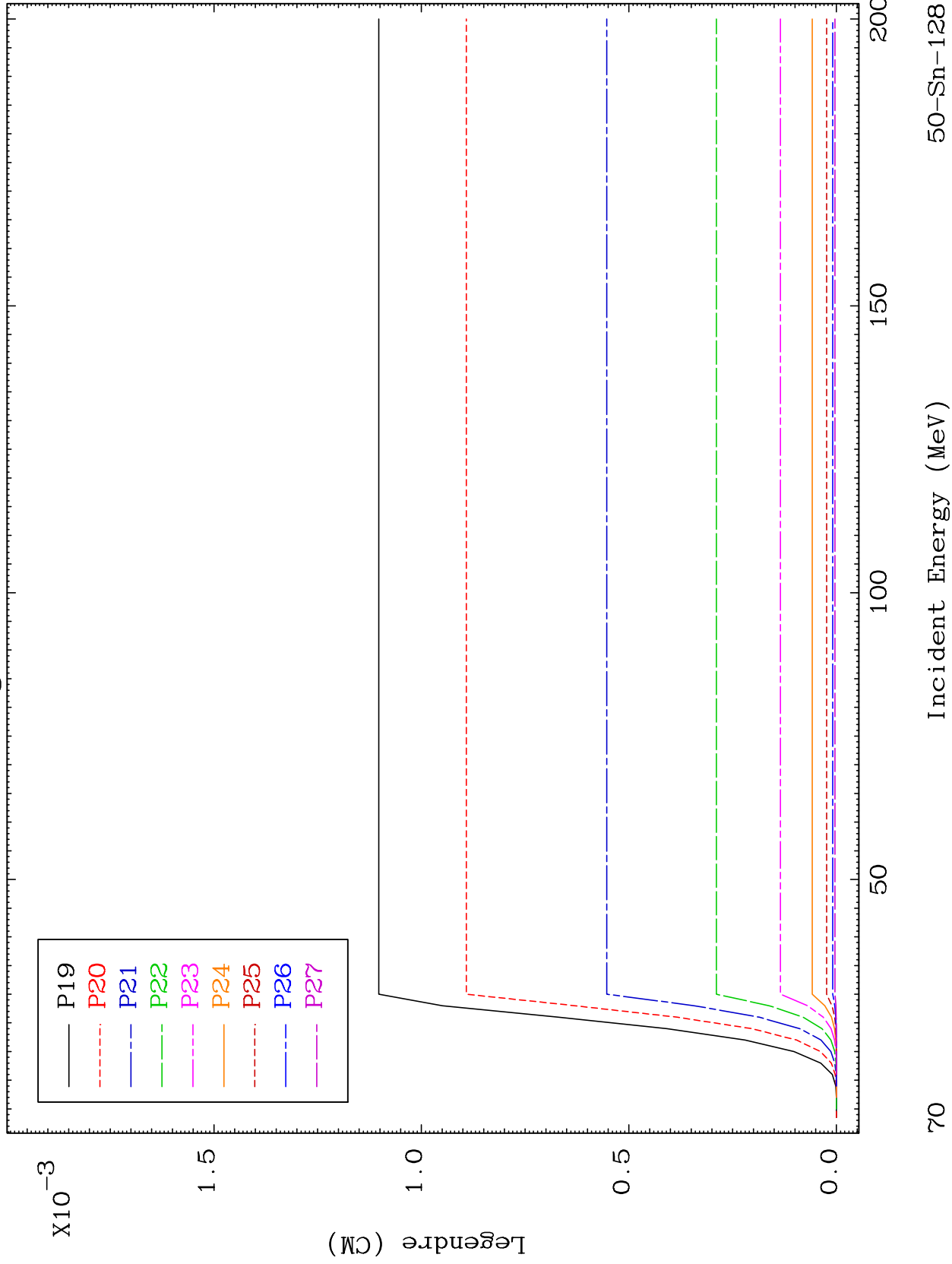
50-Sn-128



MAT 5073

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

50-Sn-128



70

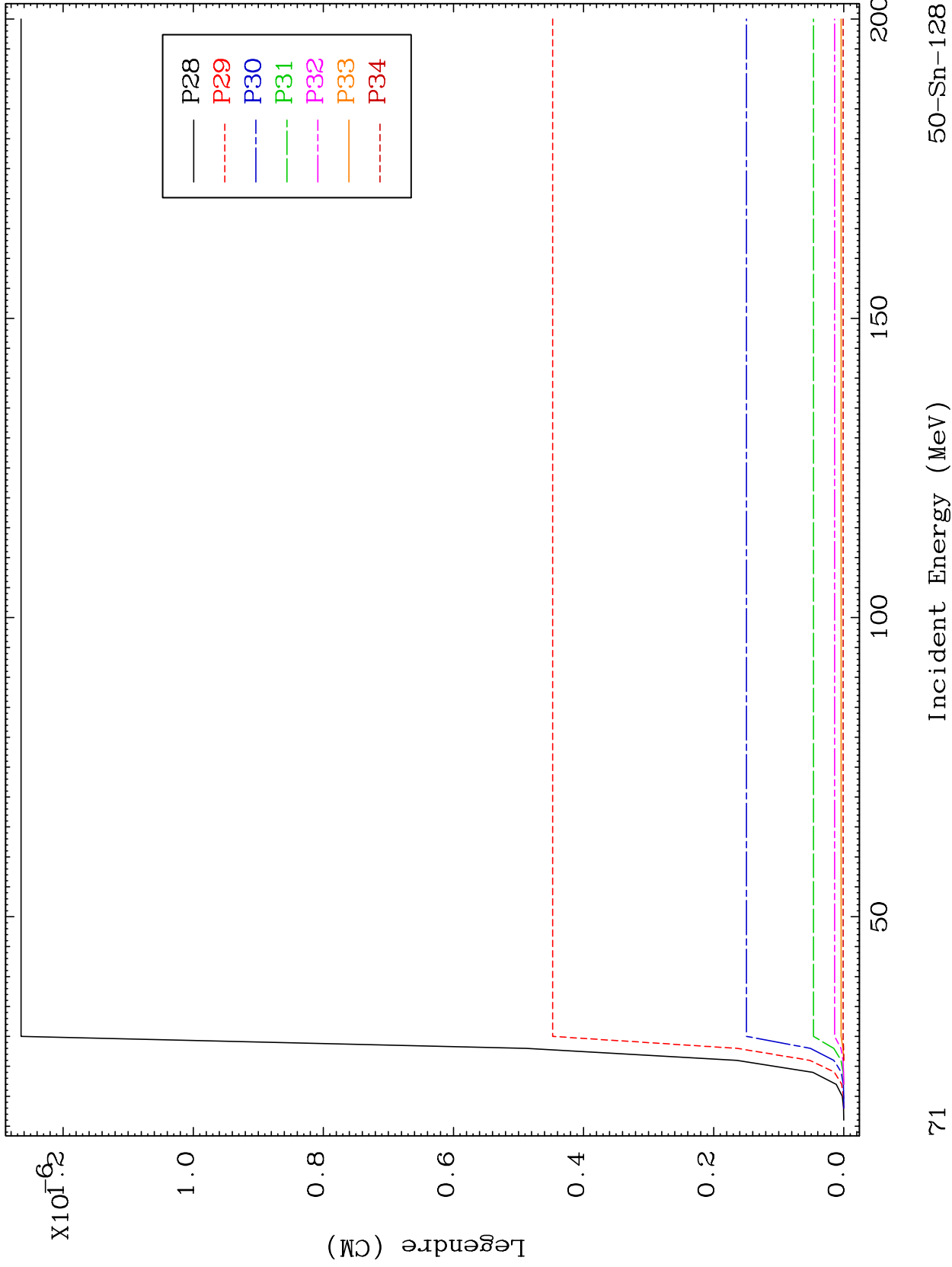
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

50-Sn-128



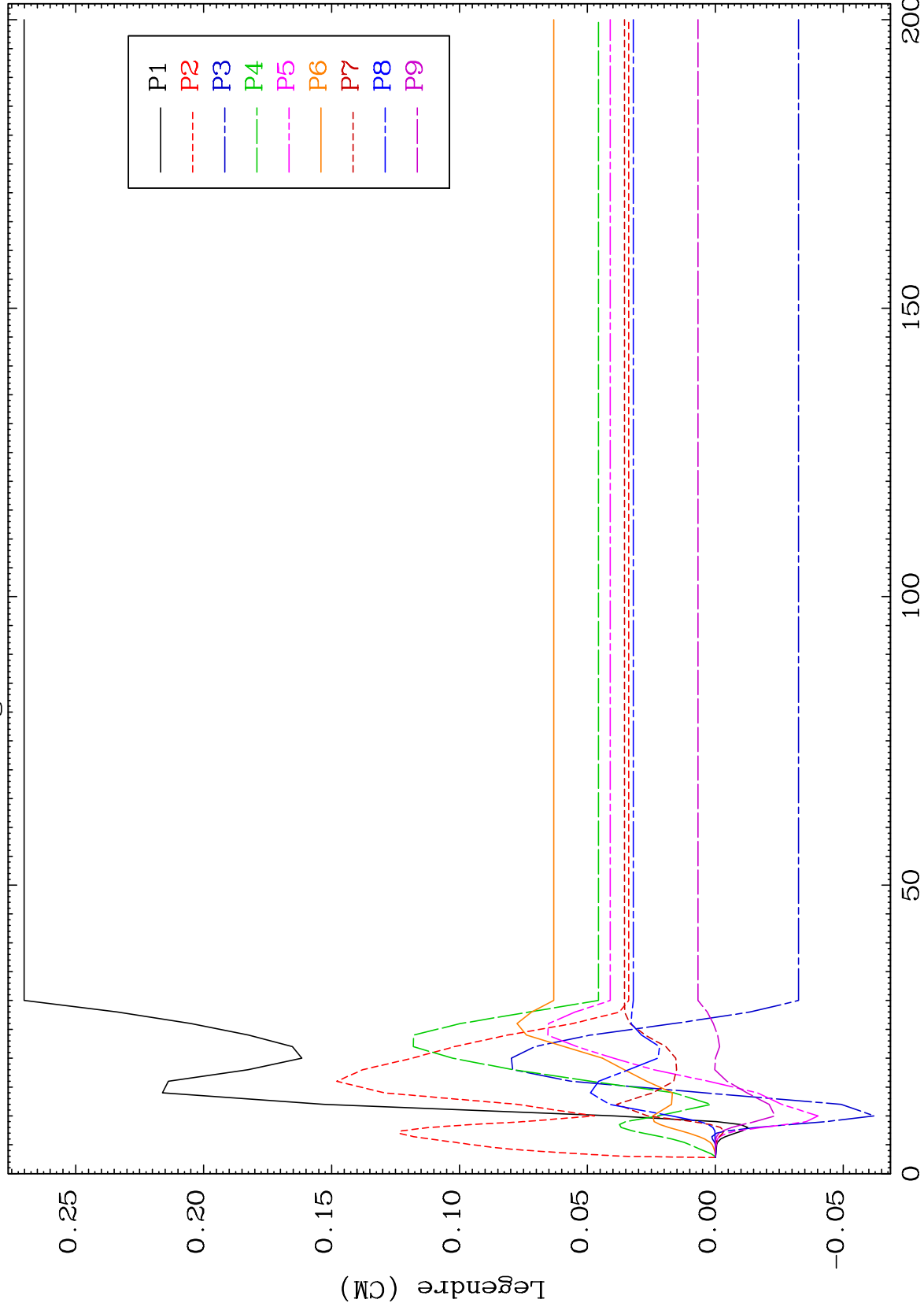
71

50-Sn-128

MAT 5073

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

50-Sn-128



72

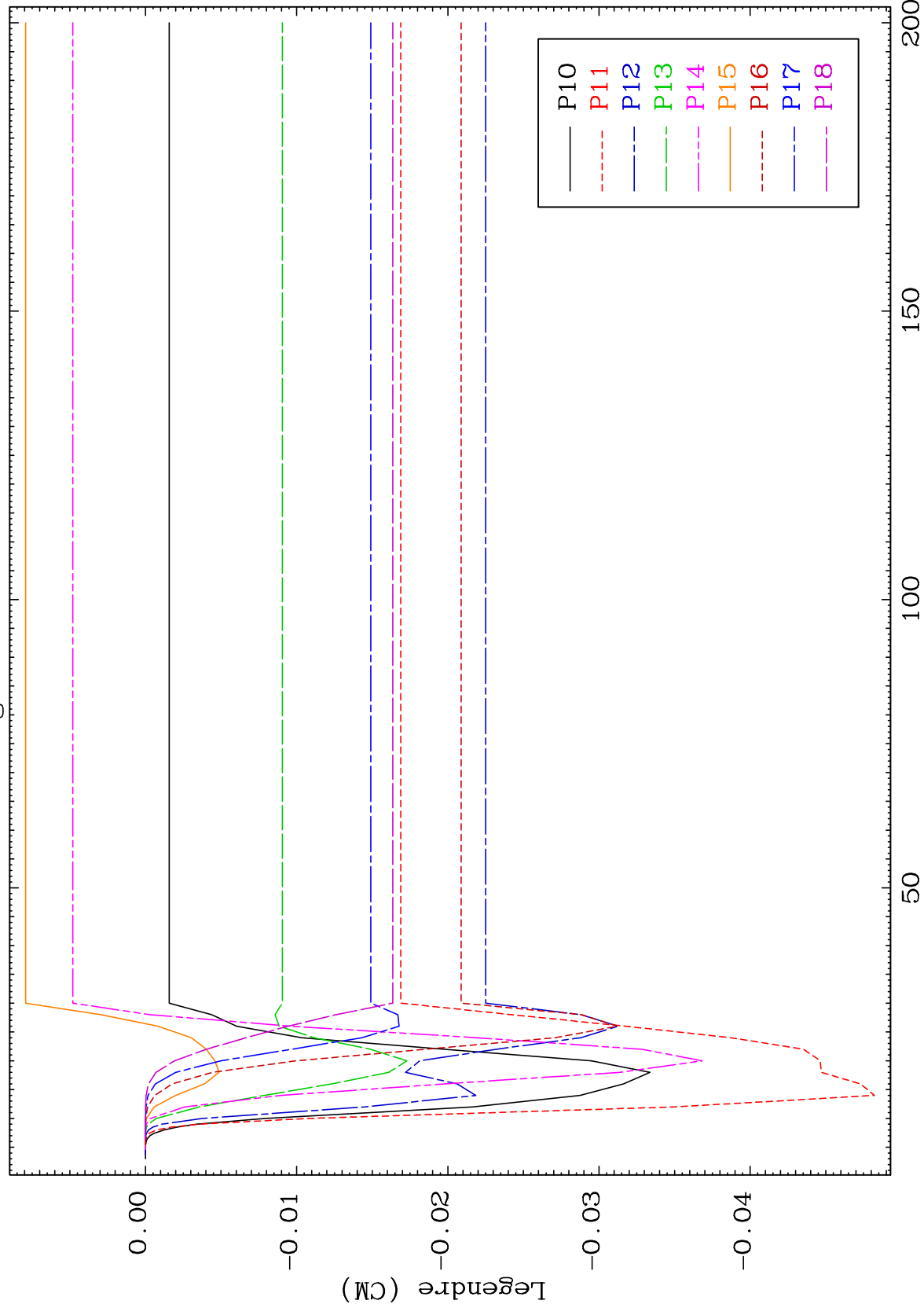
Incident Energy (MeV)

50-Sn-128

MAT 5073

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

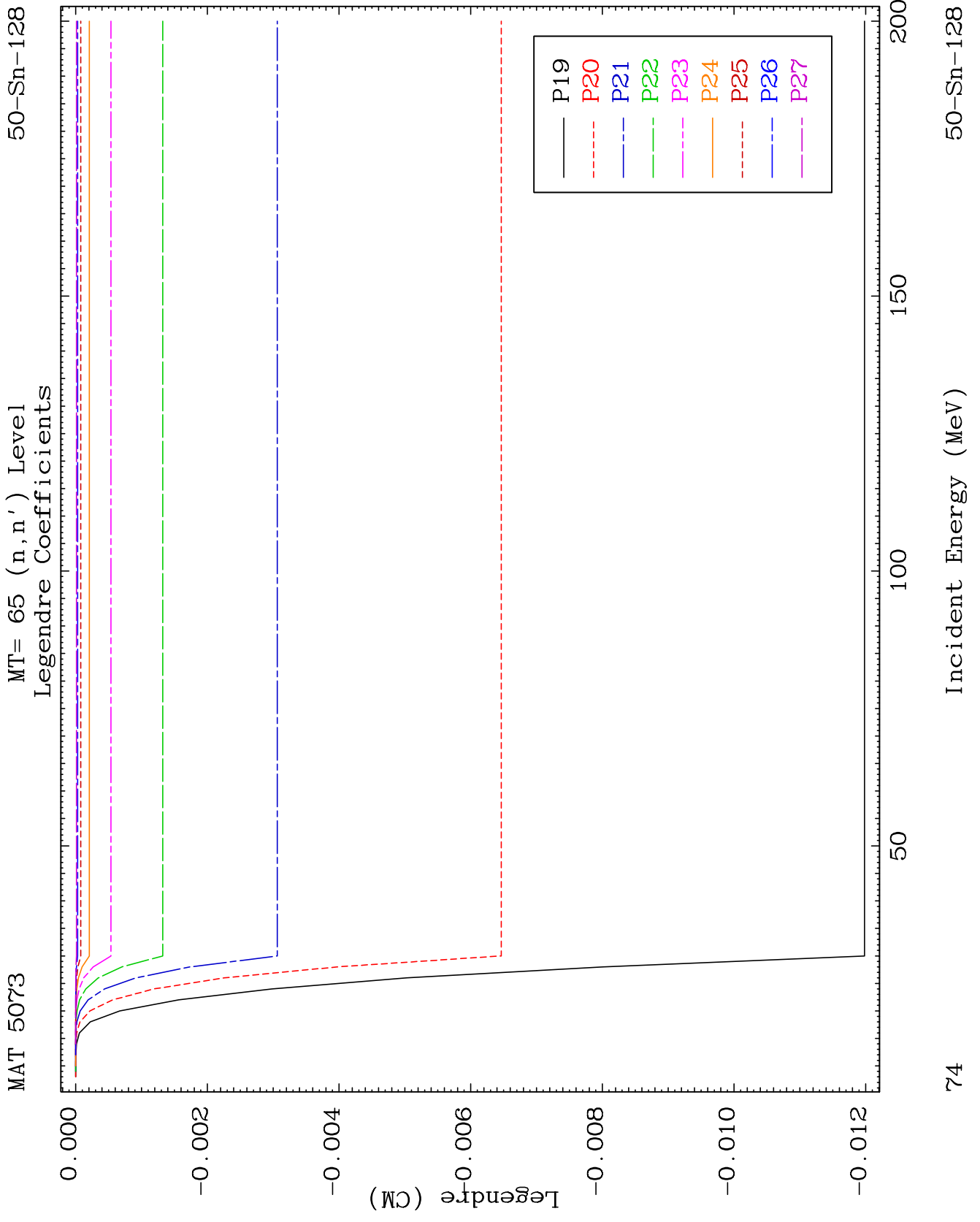
50-Sn-128

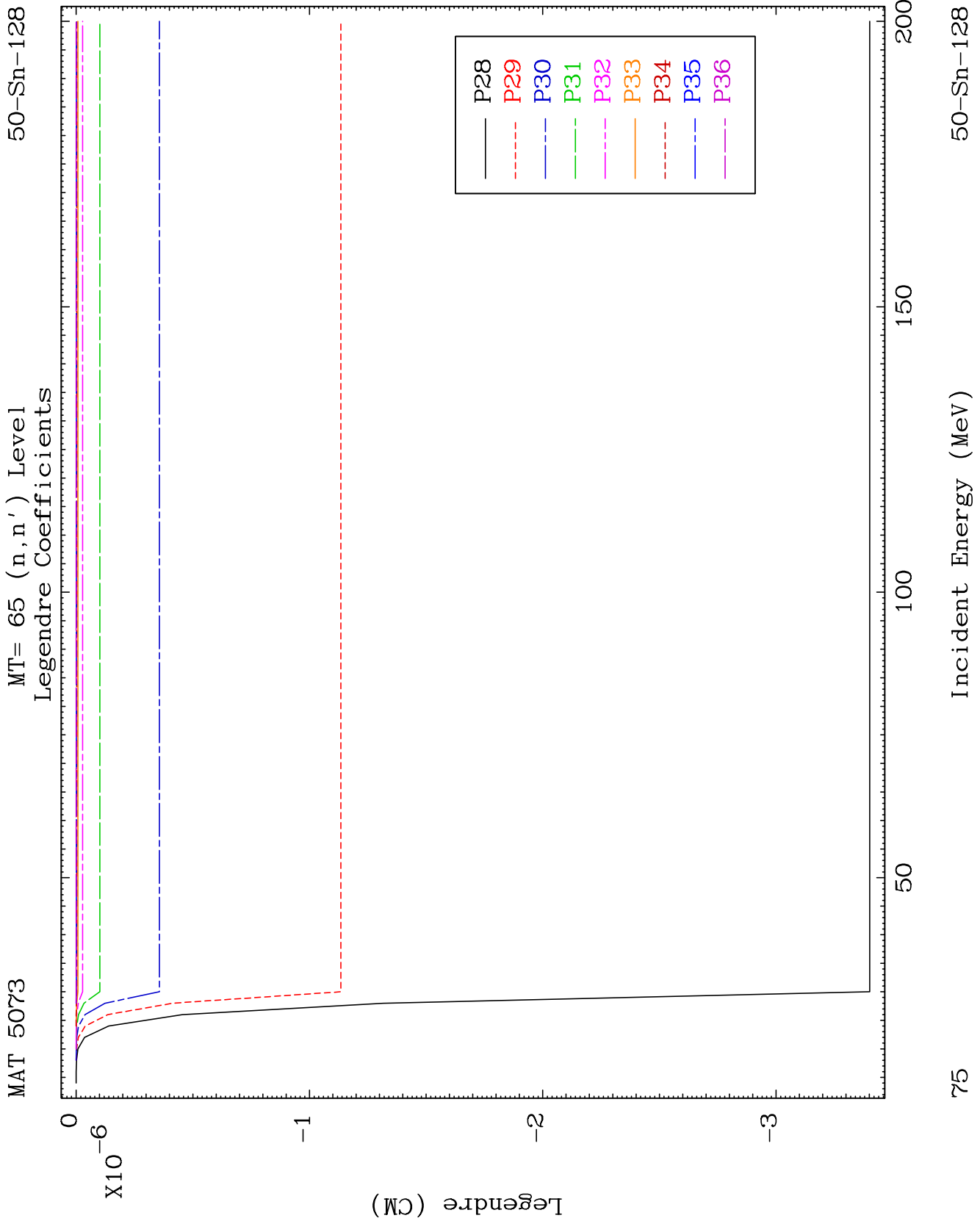


73

Incident Energy (MeV)

50-Sn-128

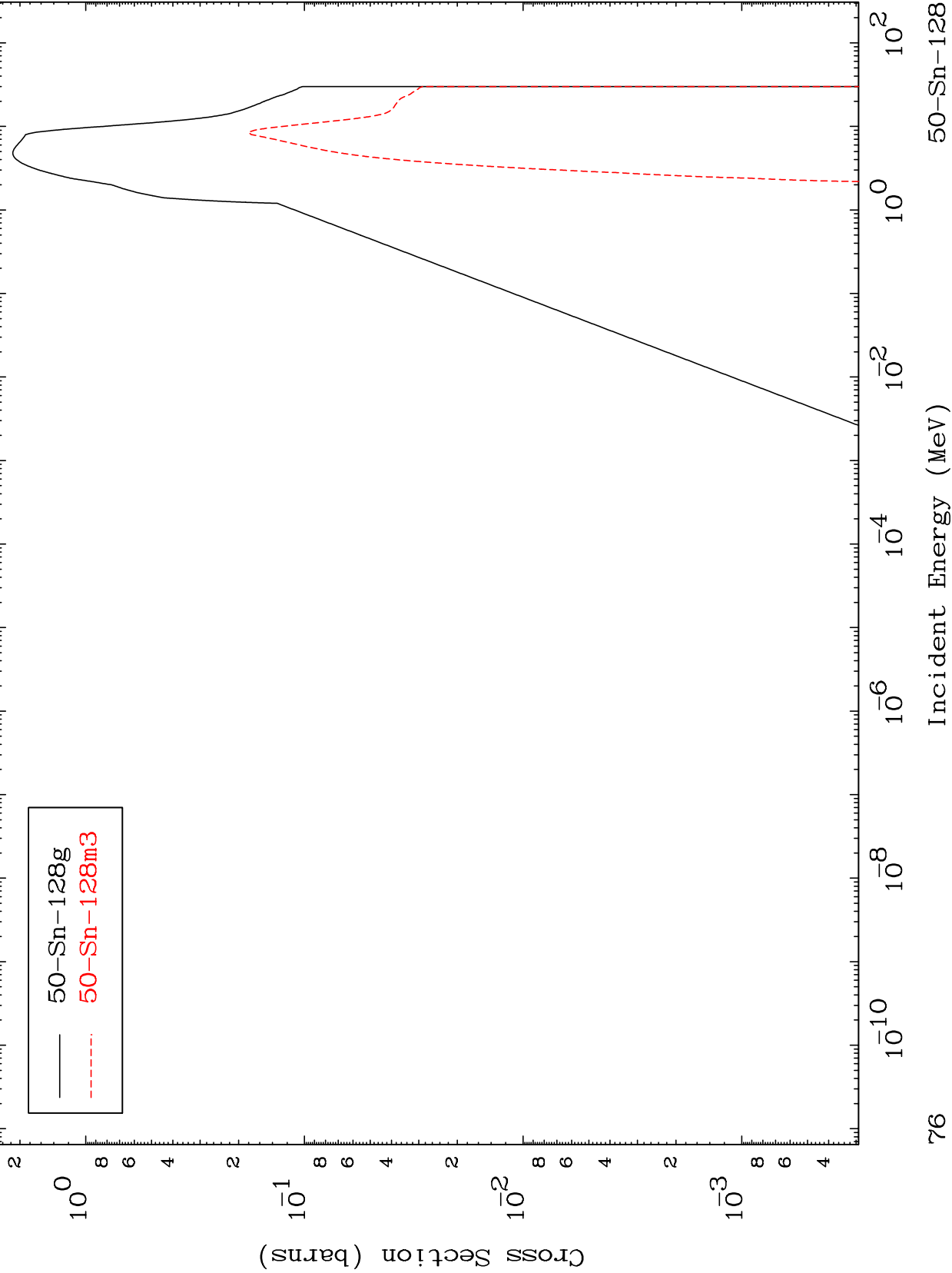




MAT 5073

Inelastic
Radionuclide Production Cross Section

50-Sn-128



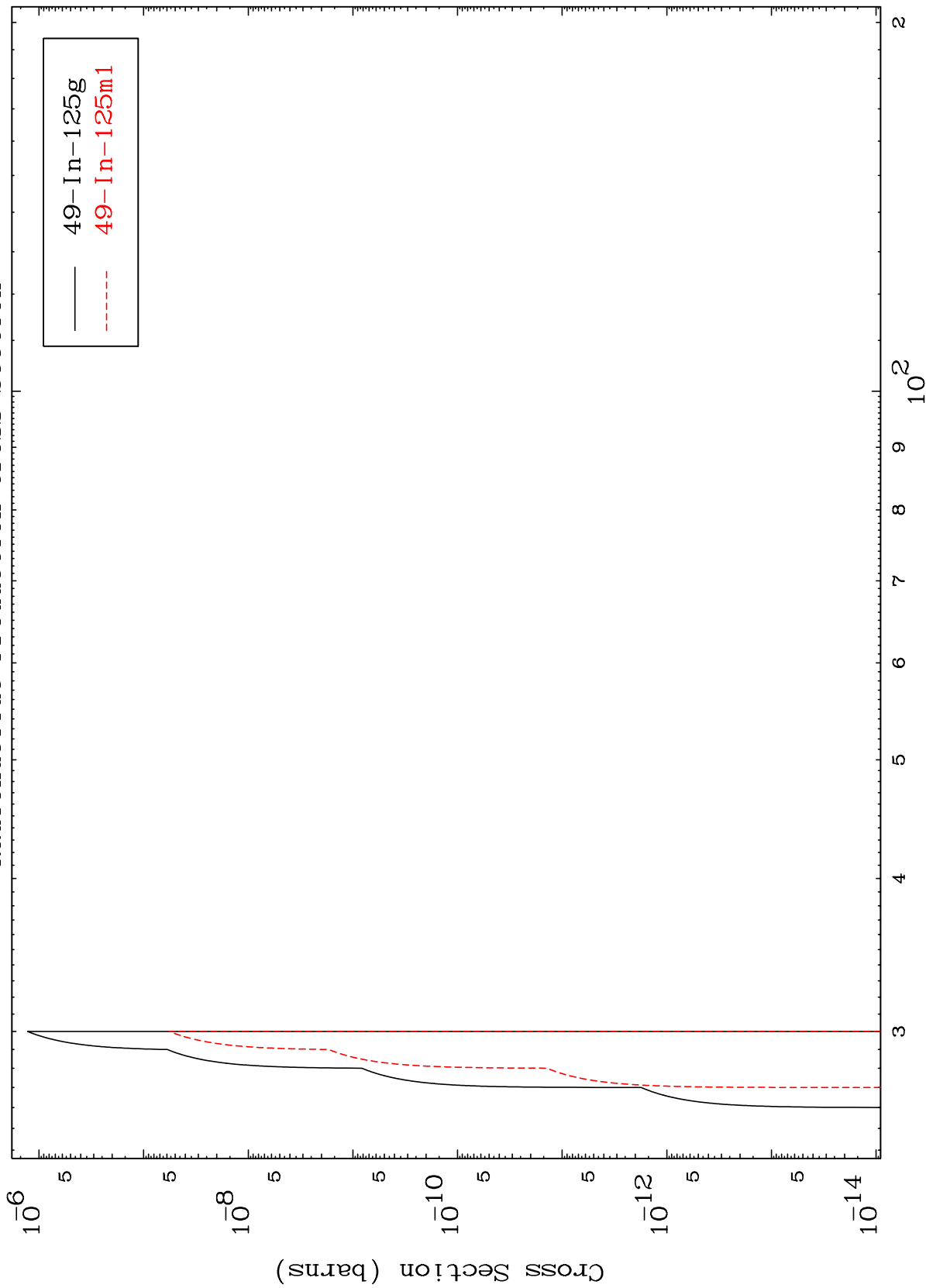
50-Sn-128g
50-Sn-128m3

MAT 5073

(n,2n) d

50-Sn-128

Radionuclide Production Cross Section



77

Incident Energy (MeV)

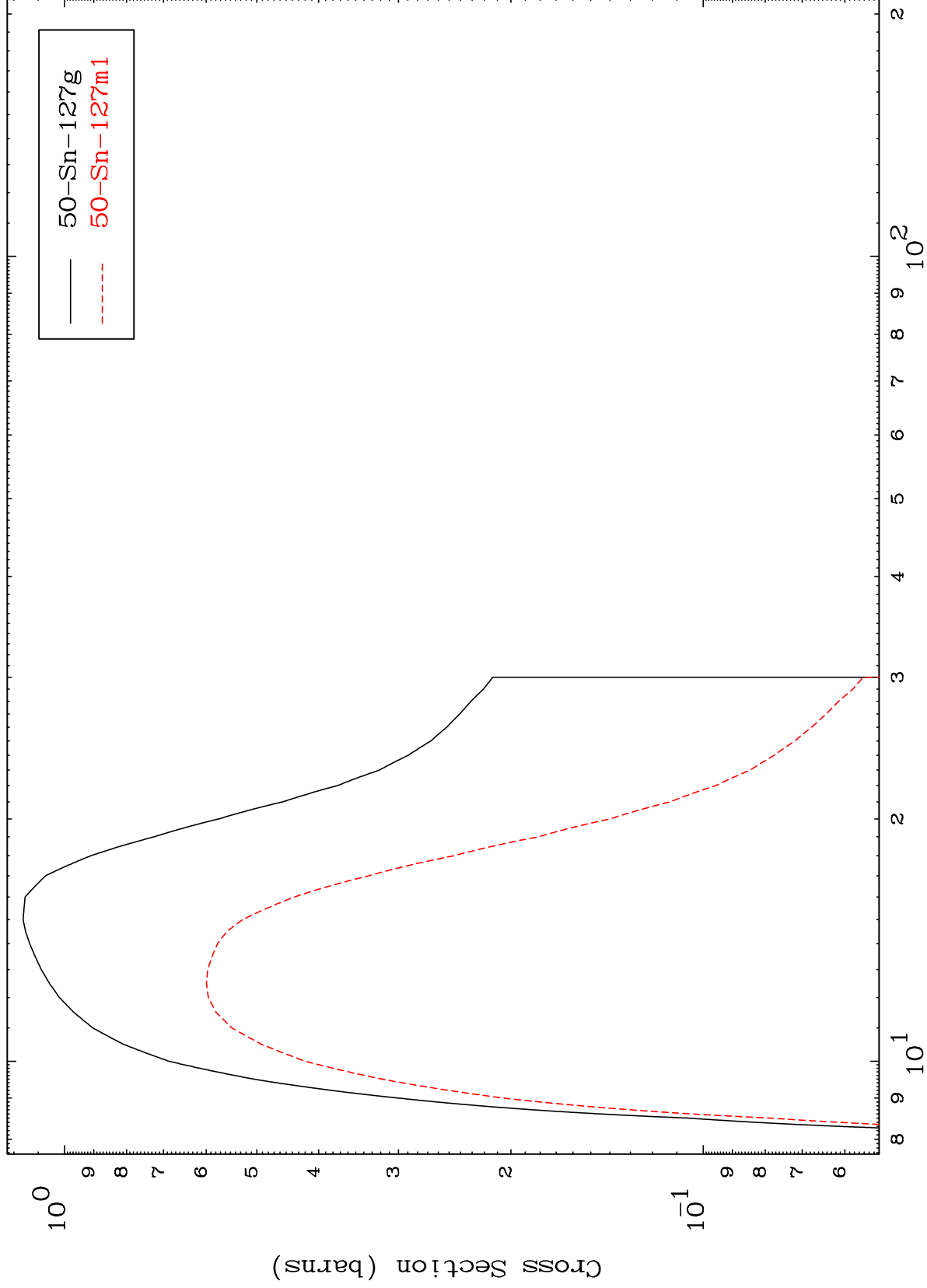
50-Sn-128

MAT 5073

(n,2n)

50-Sn-128

Radionuclide Production Cross Section



78

Incident Energy (MeV)

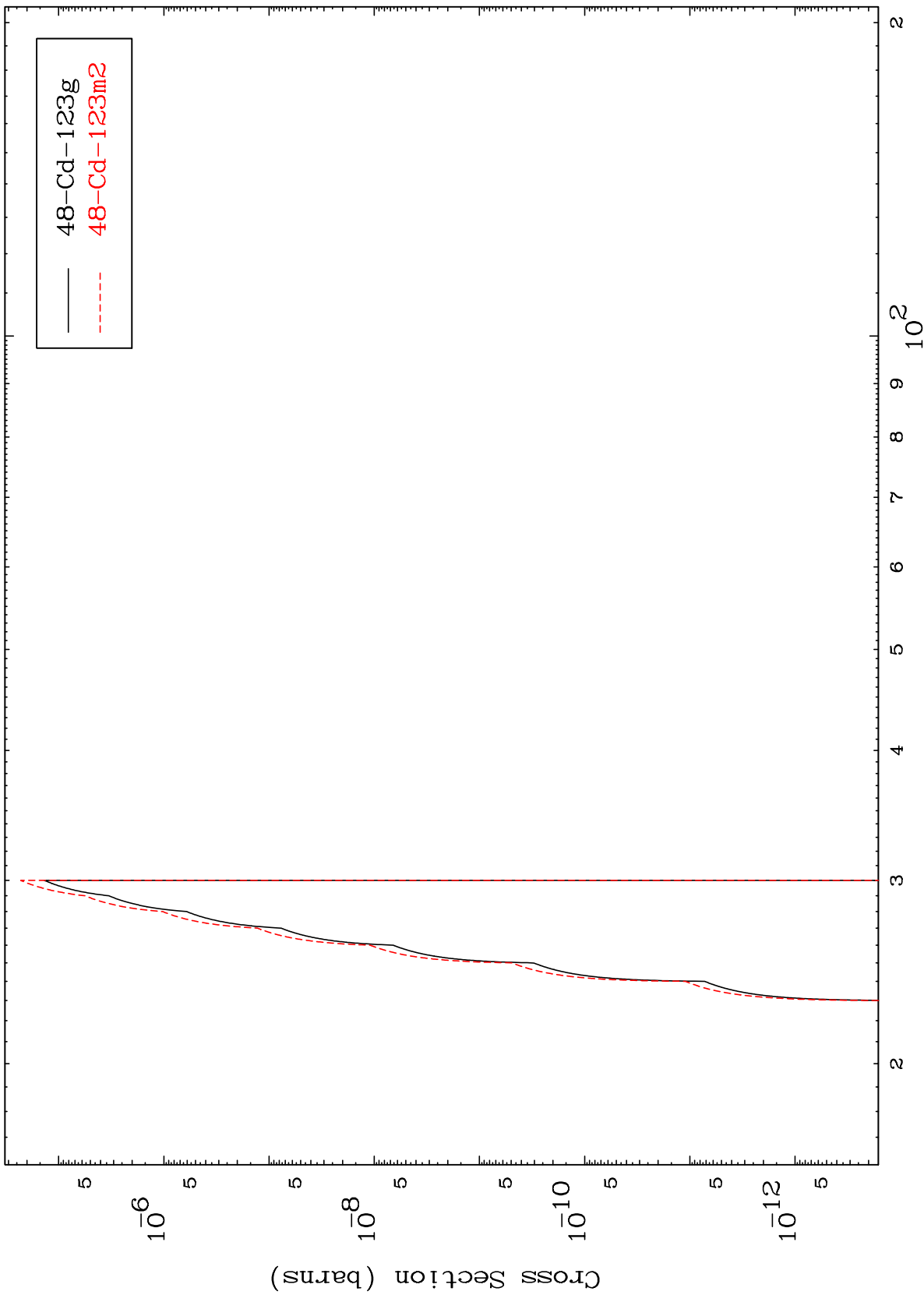
50-Sn-128

MAT 5073

(n,2n) α

50-Sn-128

Radionuclide Production Cross Section



79

Incident Energy (MeV)

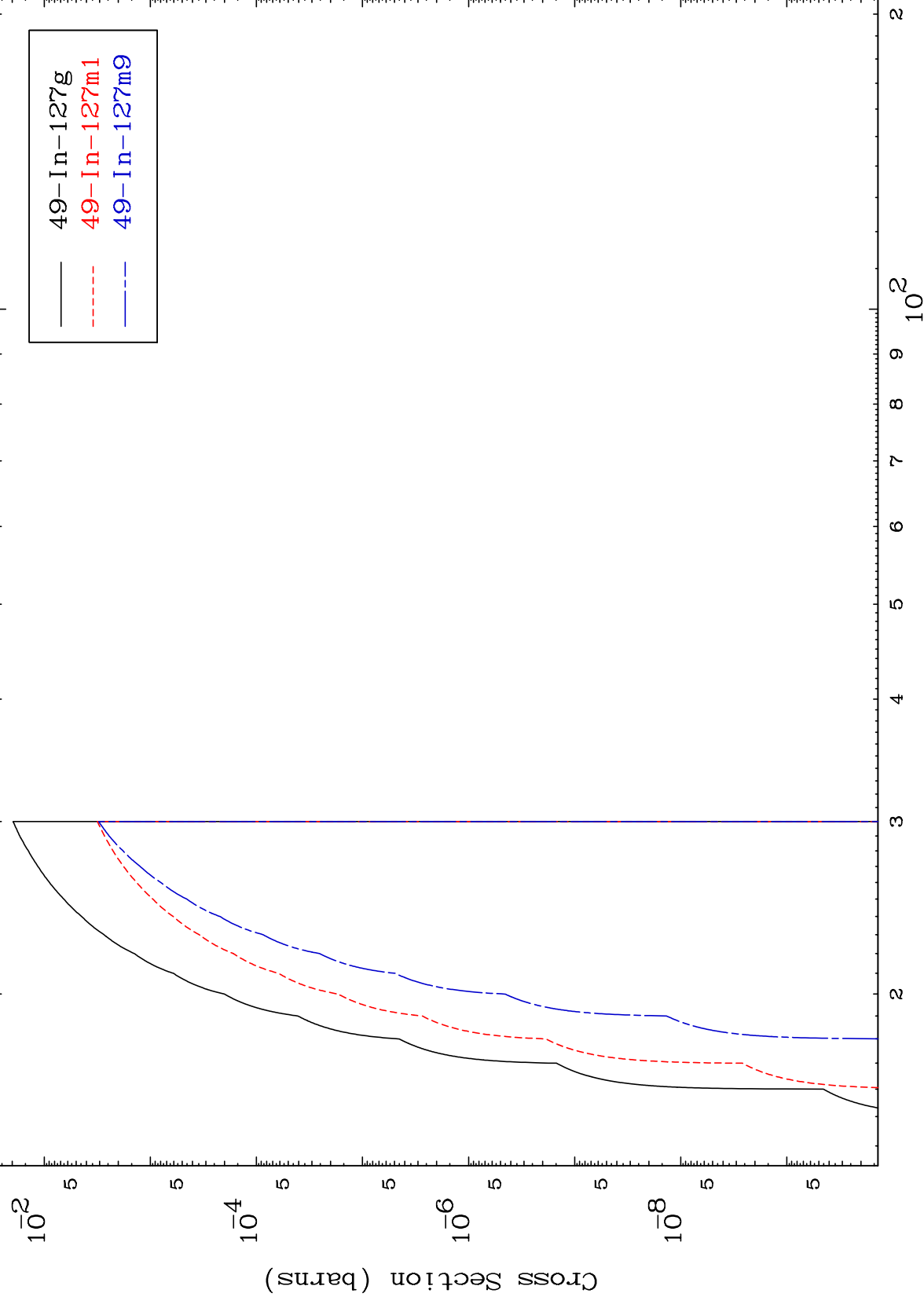
50-Sn-128

MAT 5073

(n,n') p

50-Sn-128

Radionuclide Production Cross Section



80

Incident Energy (MeV)

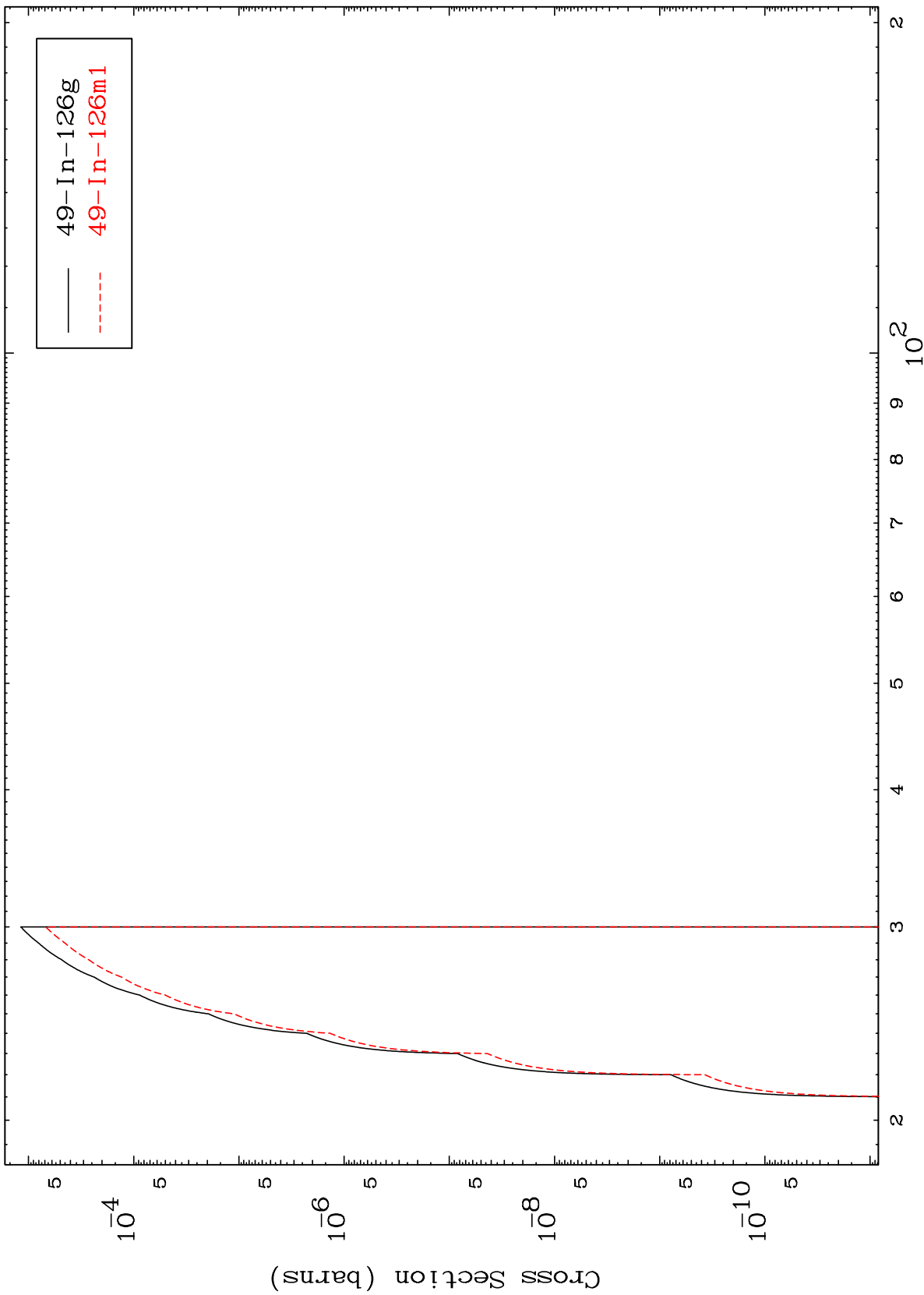
50-Sn-128

MAT 5073

(n,n') d

50-Sn-128

Radionuclide Production Cross Section

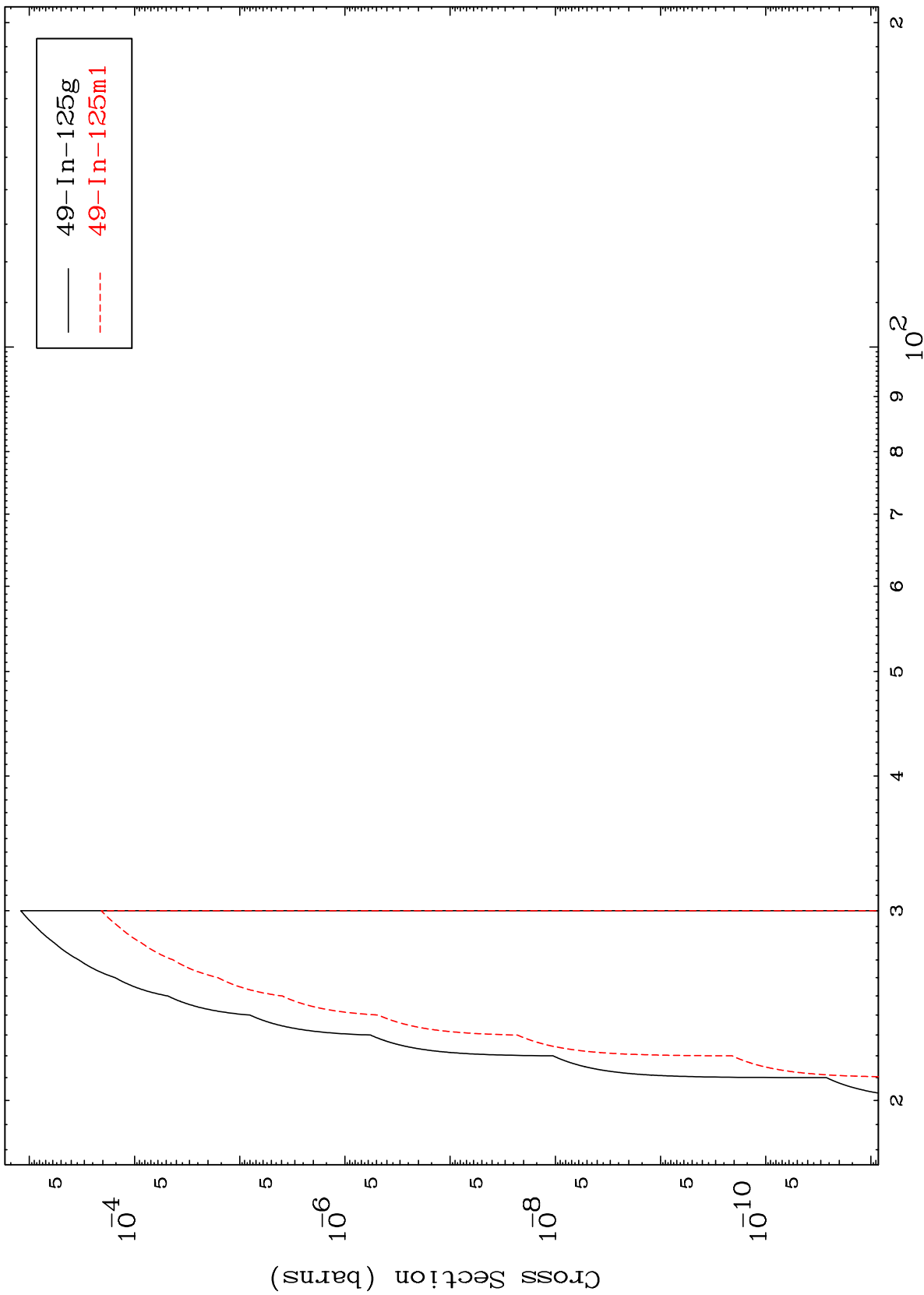


MAT 5073

(n,n') t

50-Sn-128

Radionuclide Production Cross Section



82

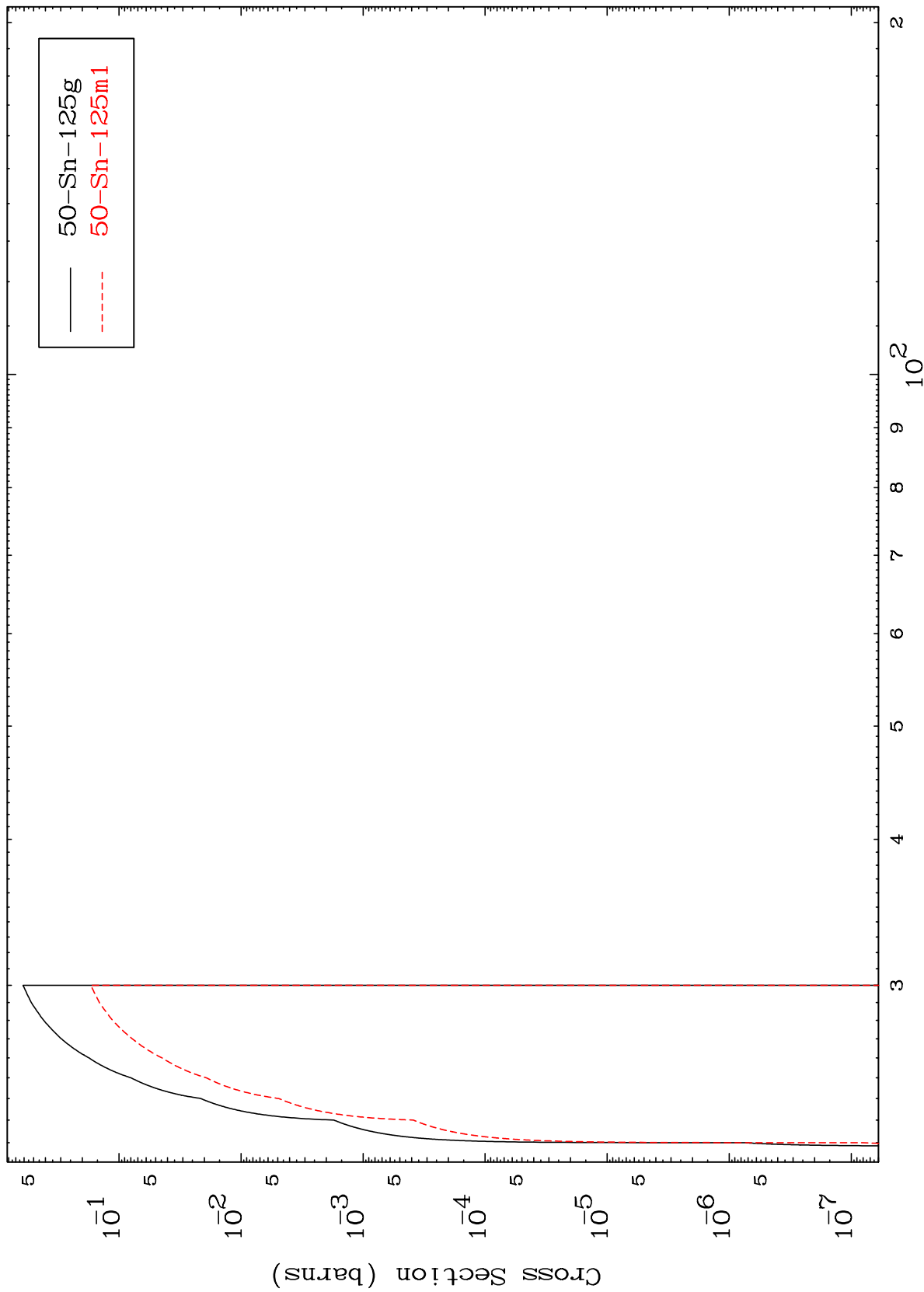
Incident Energy (MeV)

50-Sn-128

MAT 5073

50-Sn-128

(n,4n)
Radionuclide Production Cross Section



83

50-Sn-128

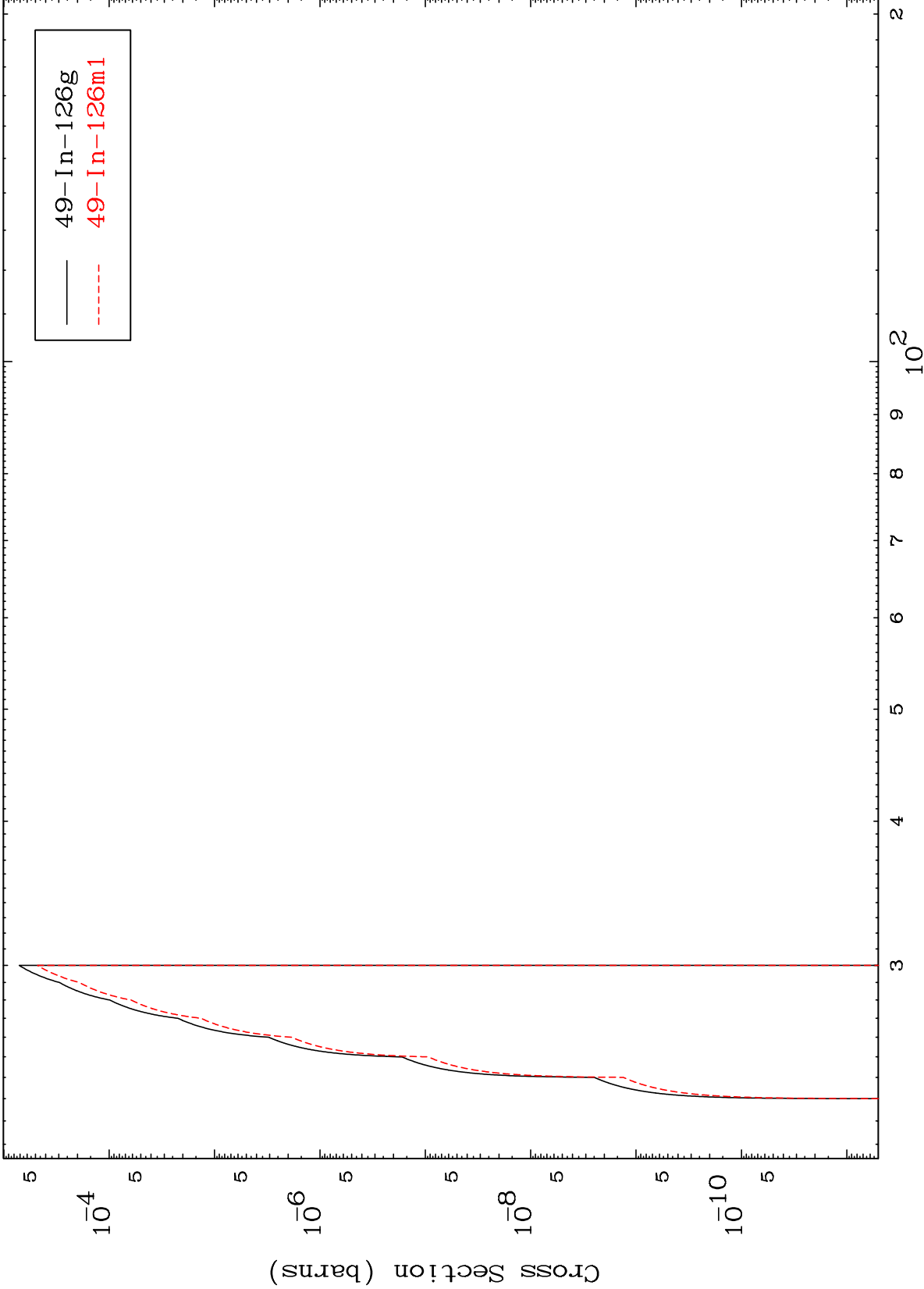
Incident Energy (MeV)

MAT 5073

(n,2n) p

50-Sn-128

Radionuclide Production Cross Section



84

Incident Energy (MeV)

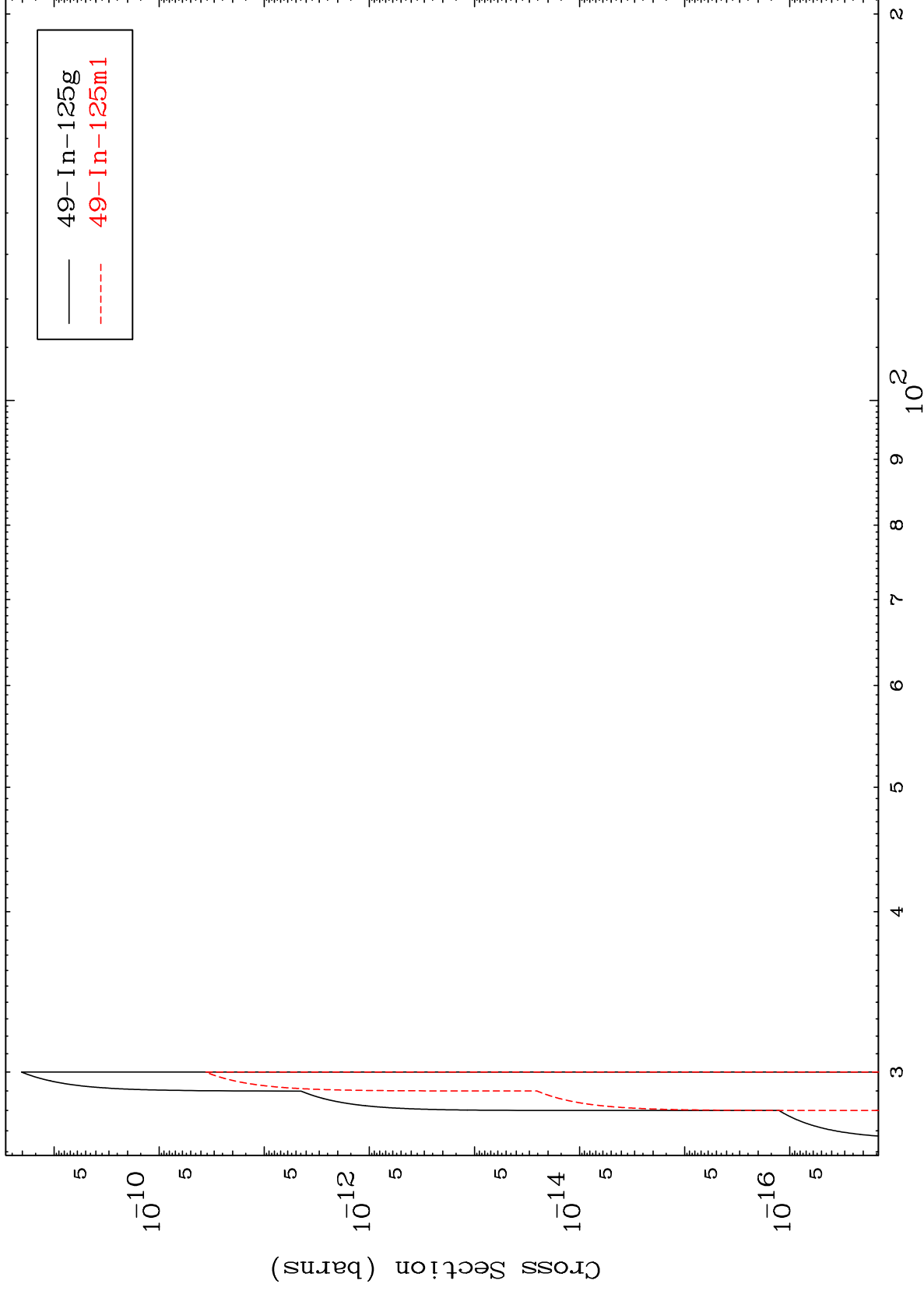
50-Sn-128

MAT 5073

(n,3n) p

50-Sn-128

Radionuclide Production Cross Section



85

Incident Energy (MeV)

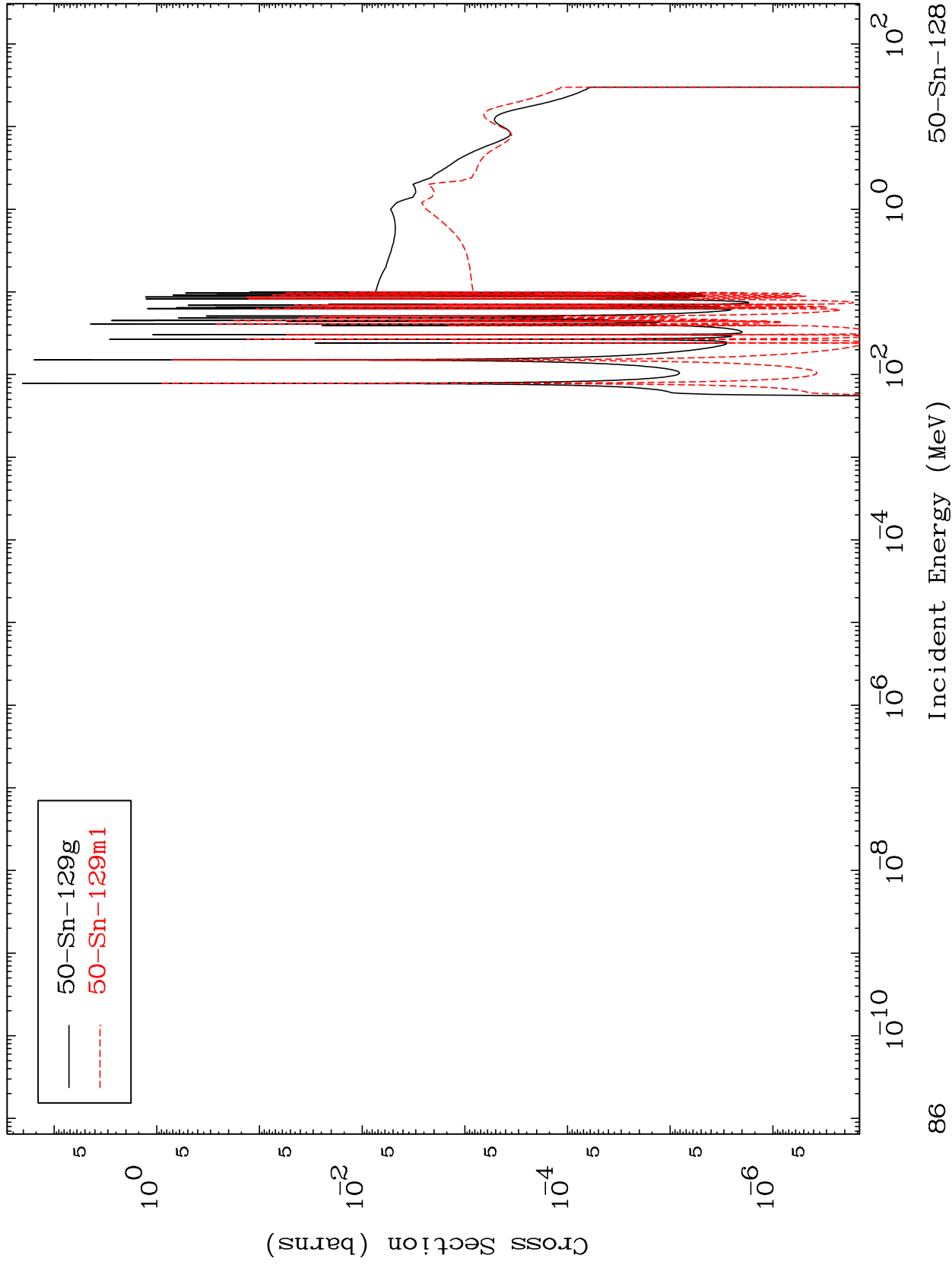
50-Sn-128

MAT 5073

(n, γ)

50-Sn-128

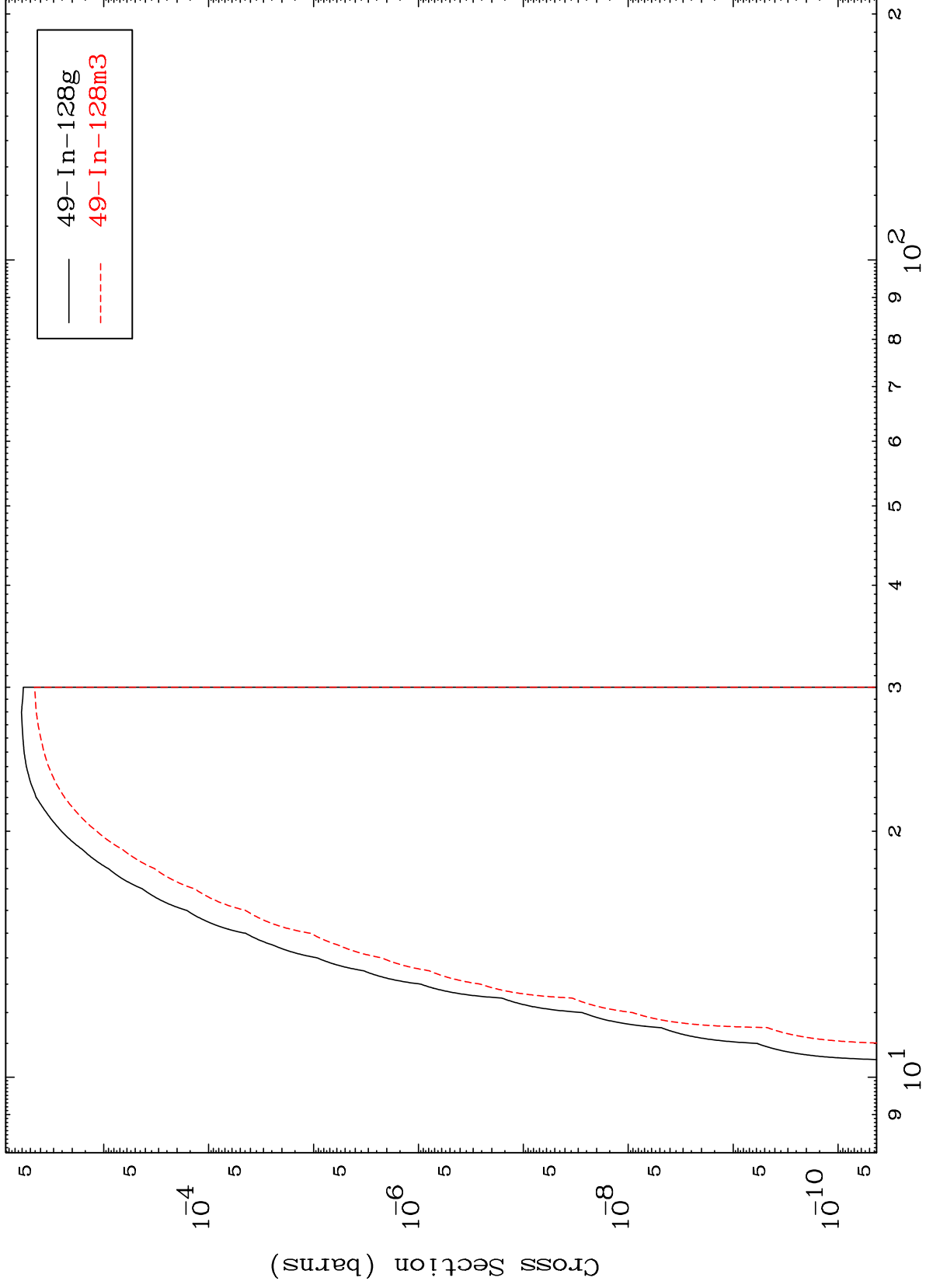
Radionuclide Production Cross Section



MAT 5073

50-Sn-128

(n,p)
Radionuclide Production Cross Section

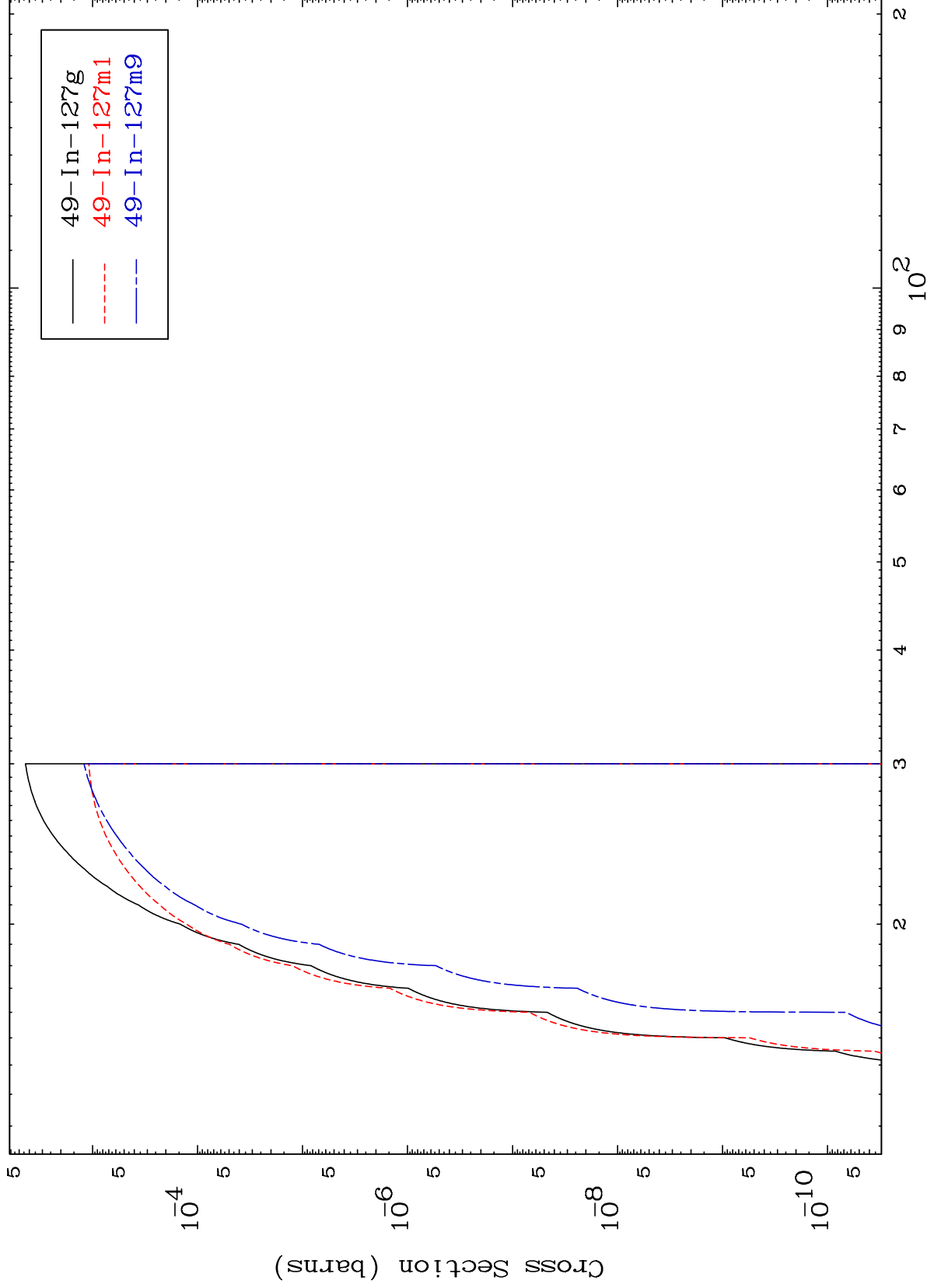


87

Incident Energy (MeV)

50-Sn-128

Radionuclide Production Cross Section



Radionuclide Production Cross Section

