

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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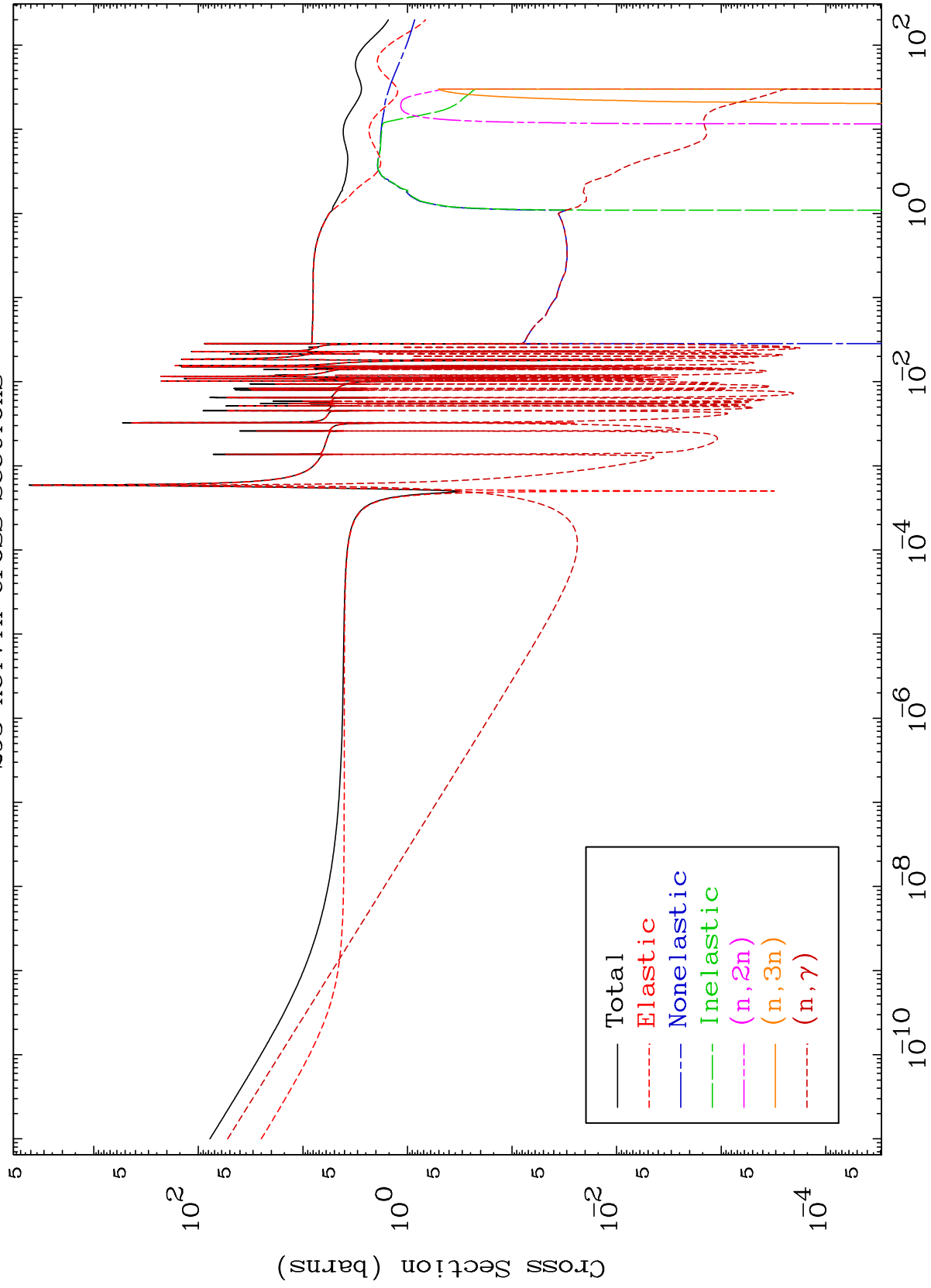
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3831

Neutron Major
293 Kelvin Cross Sections

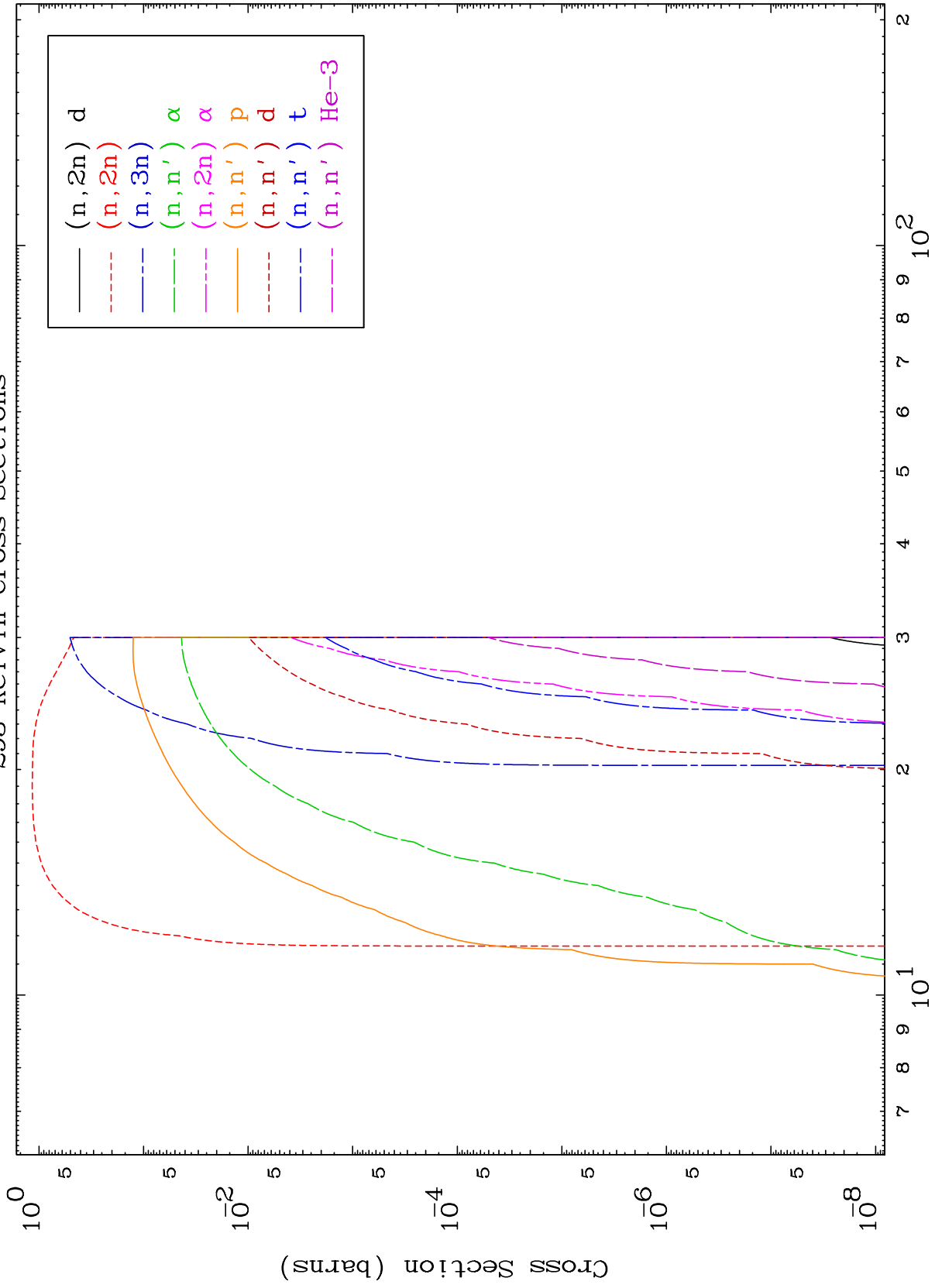
38-Sr-86



MAT 3831

Neutron Absorption
293 Kelvin Cross Sections

38-Sr-86



2

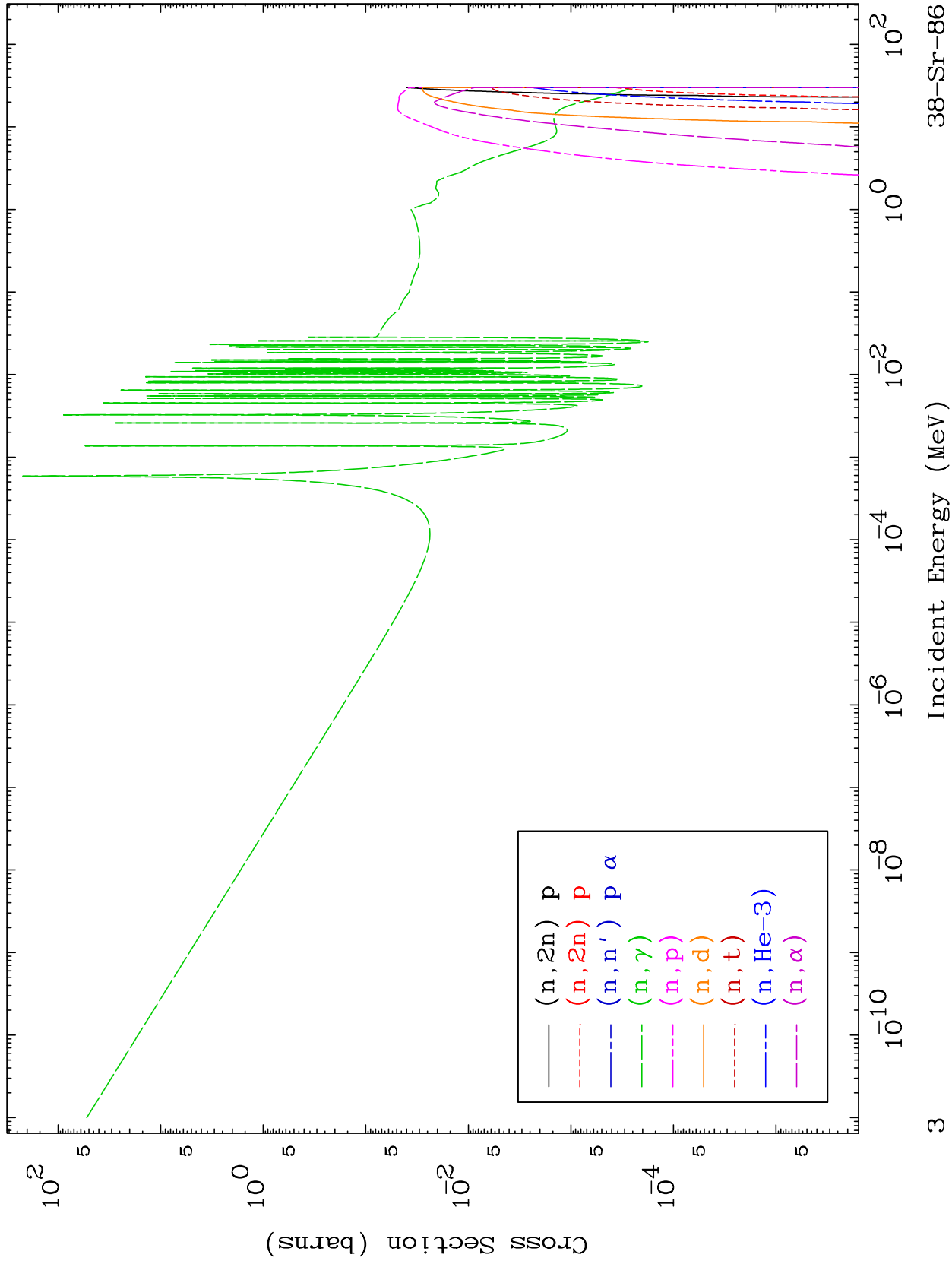
Incident Energy (MeV)

38-Sr-86

MAT 3831

Neutron Absorption
293 Kelvin Cross Sections

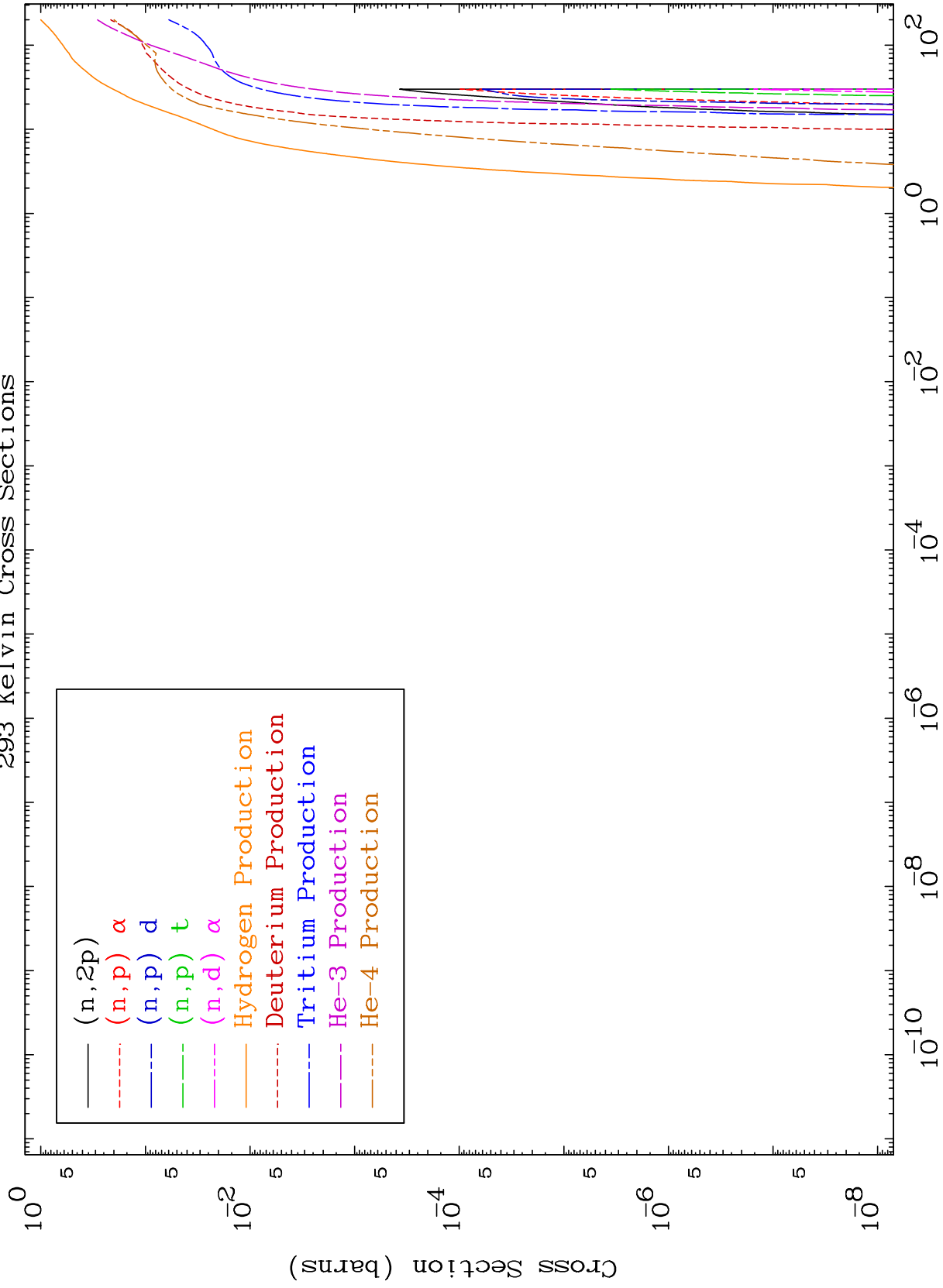
38-Sr-86



MAT 3831

Neutron Absorption
293 Kelvin Cross Sections

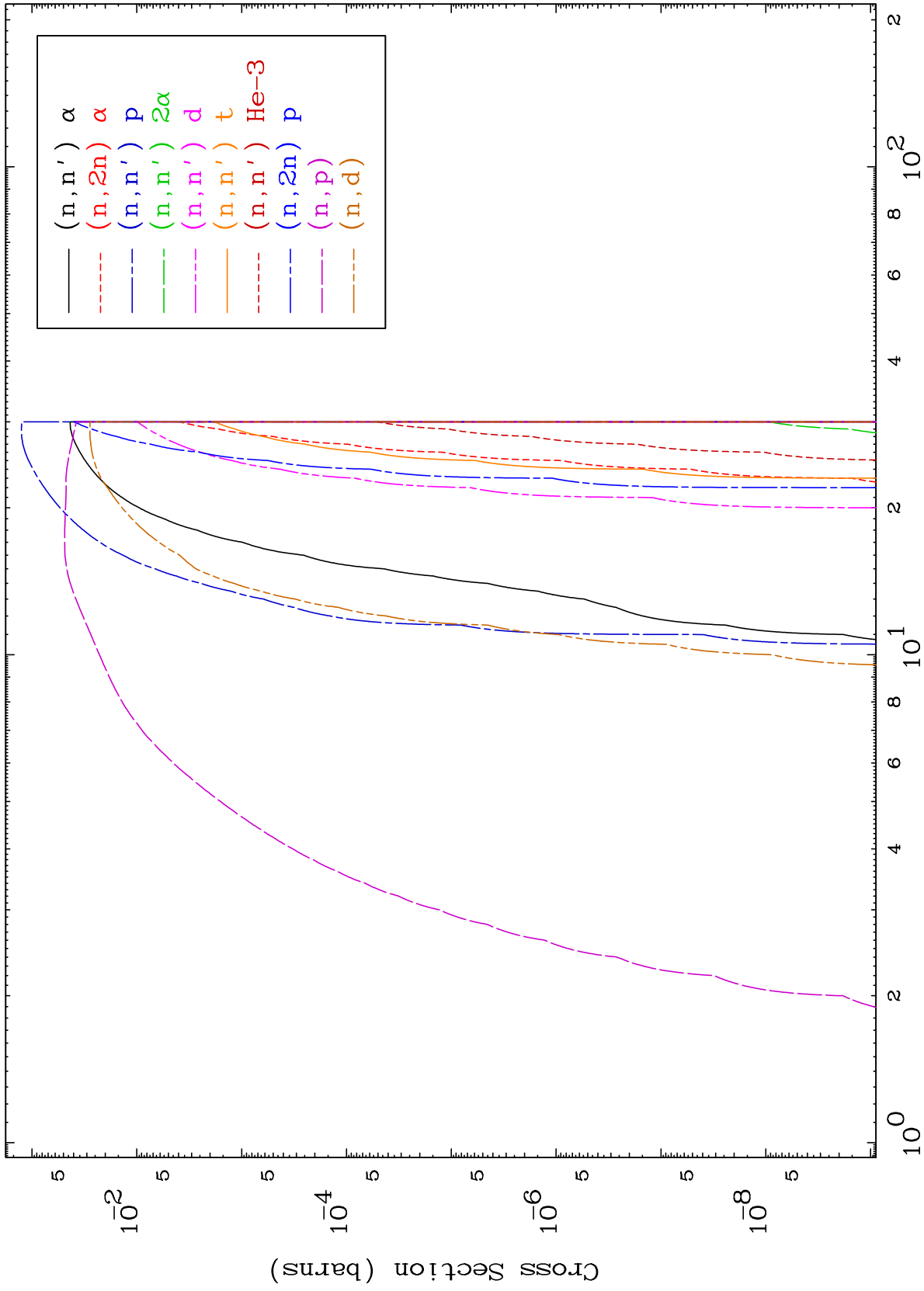
38-Sr-86



MAT 3831

293 Kelvin Cross Sections

38-Sr-86

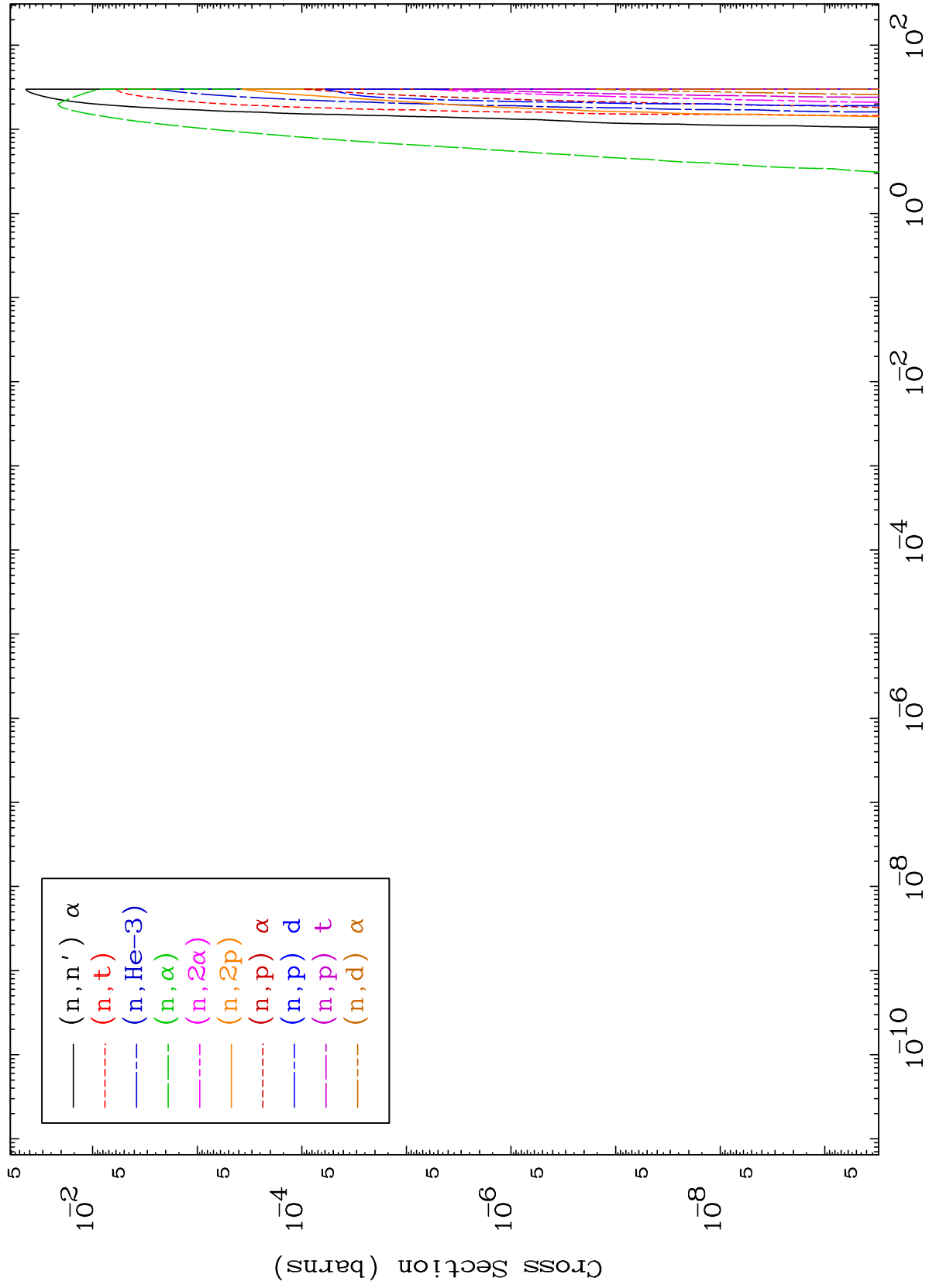


5

MAT 3831

293 Kelvin Cross Sections

38-Sr-86



6

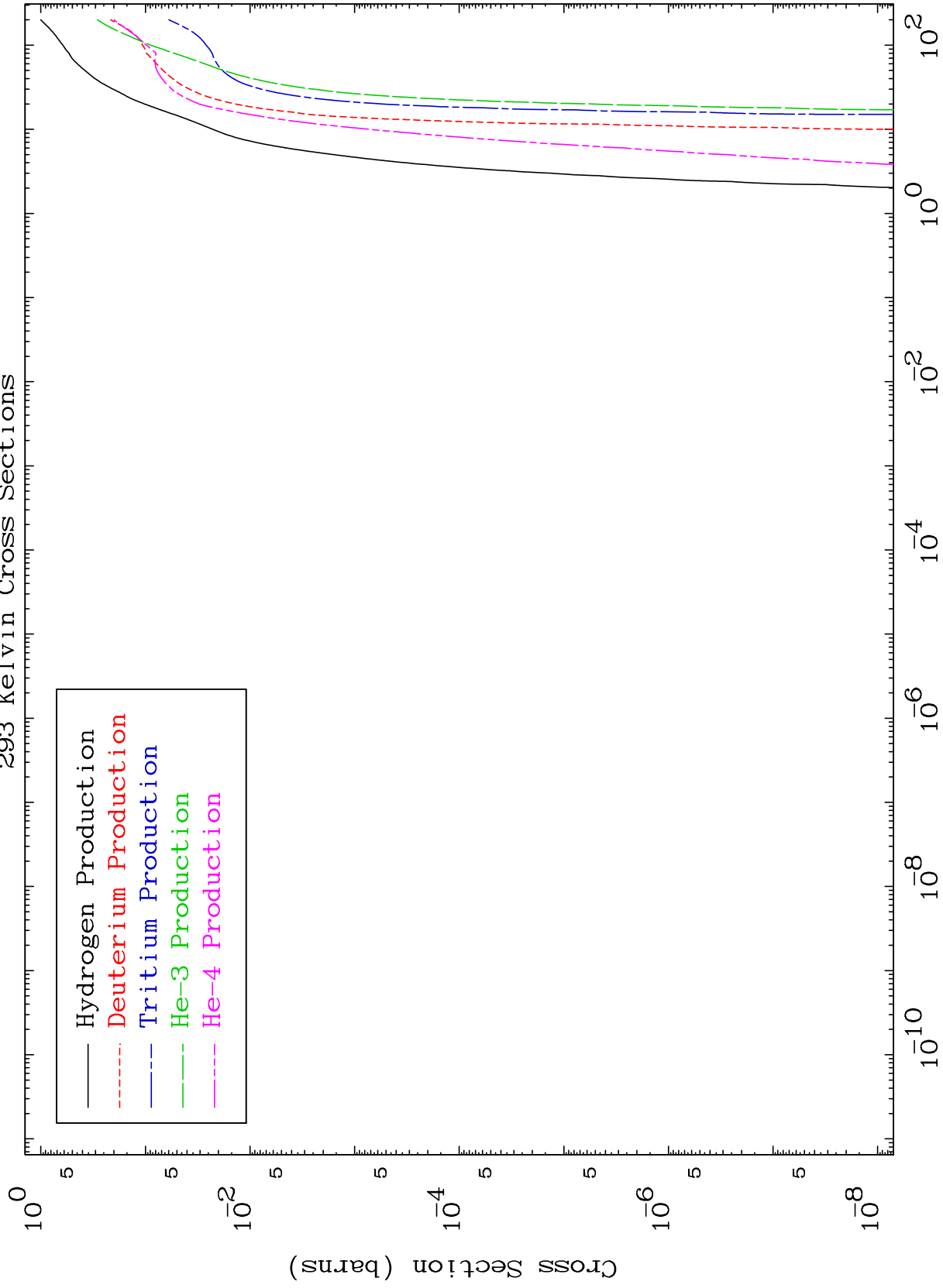
Incident Energy (MeV)

38-Sr-86

MAT 3831

Particle Production
293 Kelvin Cross Sections

38-Sr-86



7

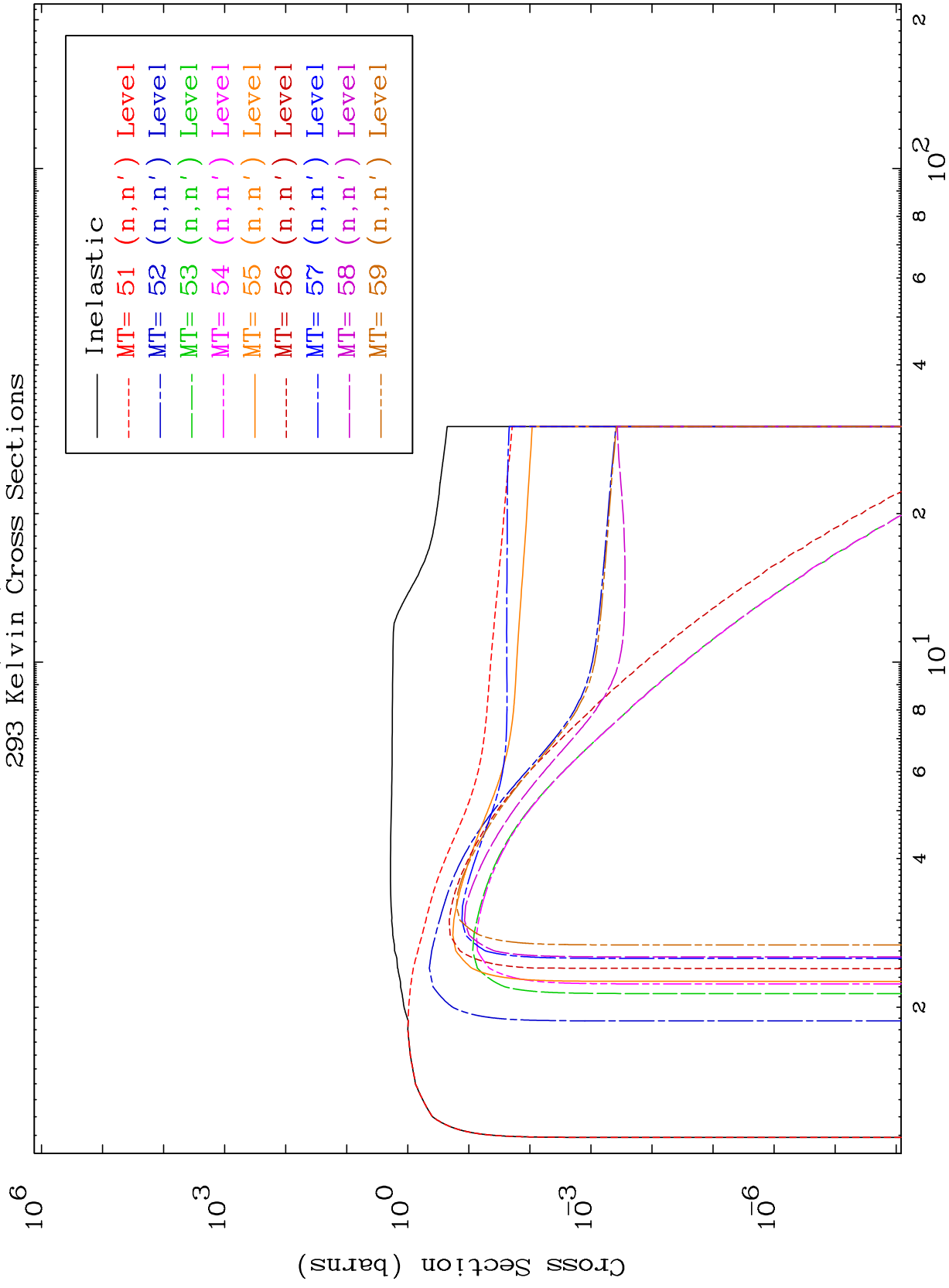
Incident Energy (MeV)

38-Sr-86

MAT 3831

(n,n') Levels
293 Kelvin Cross Sections

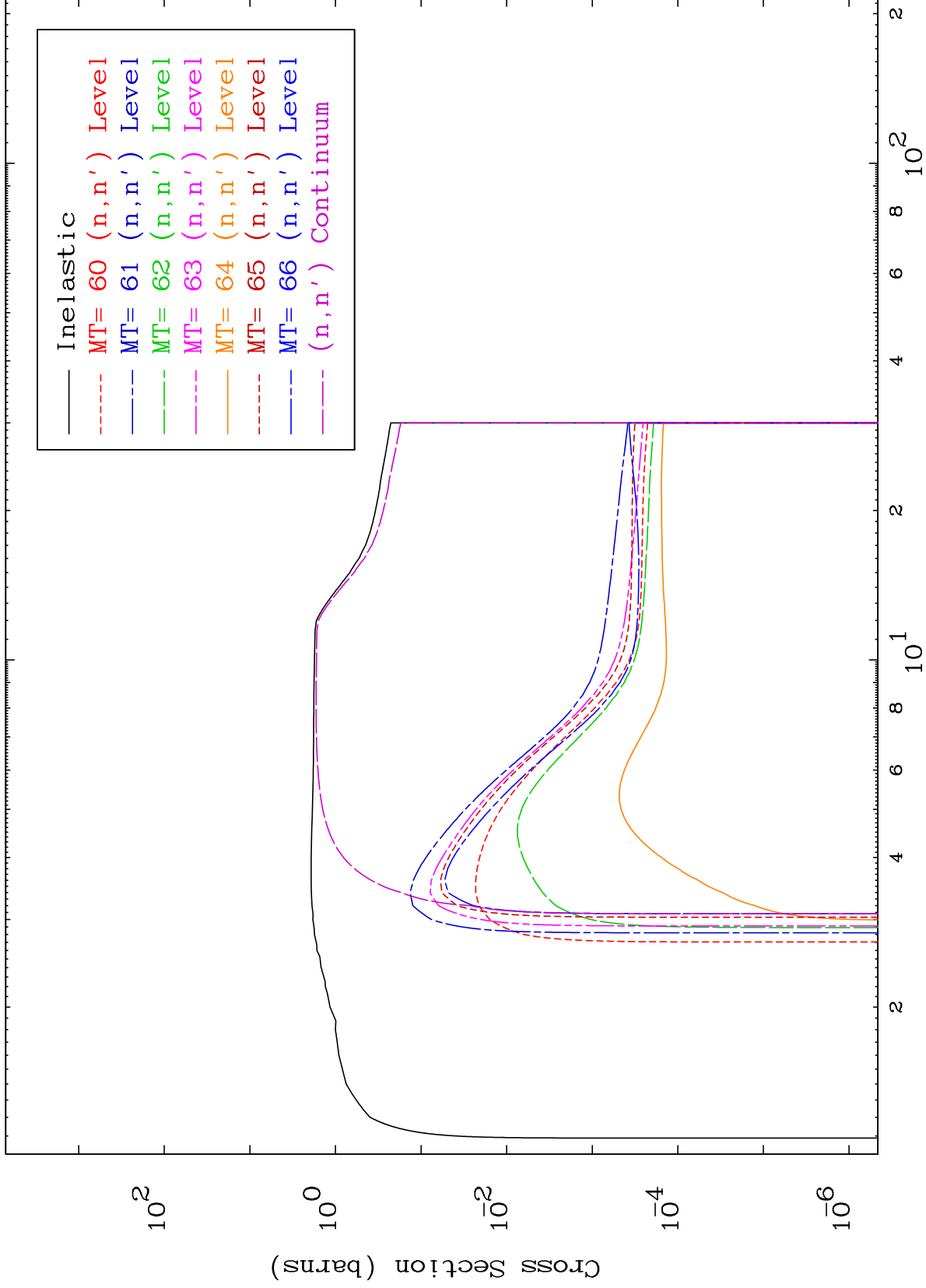
38-Sr-86



8

Incident Energy (MeV)

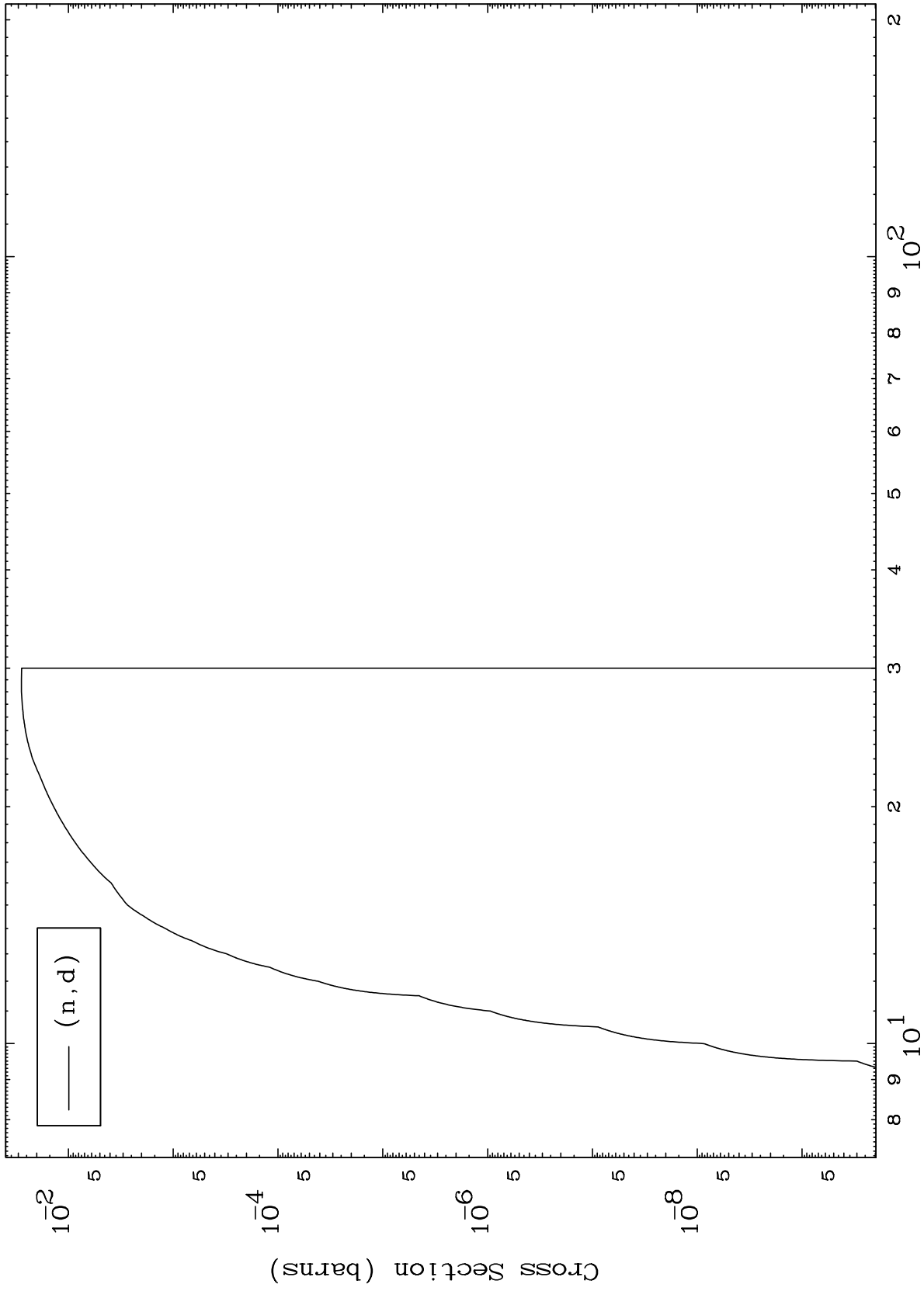
38-Sr-86



MAT 3831

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-86



11

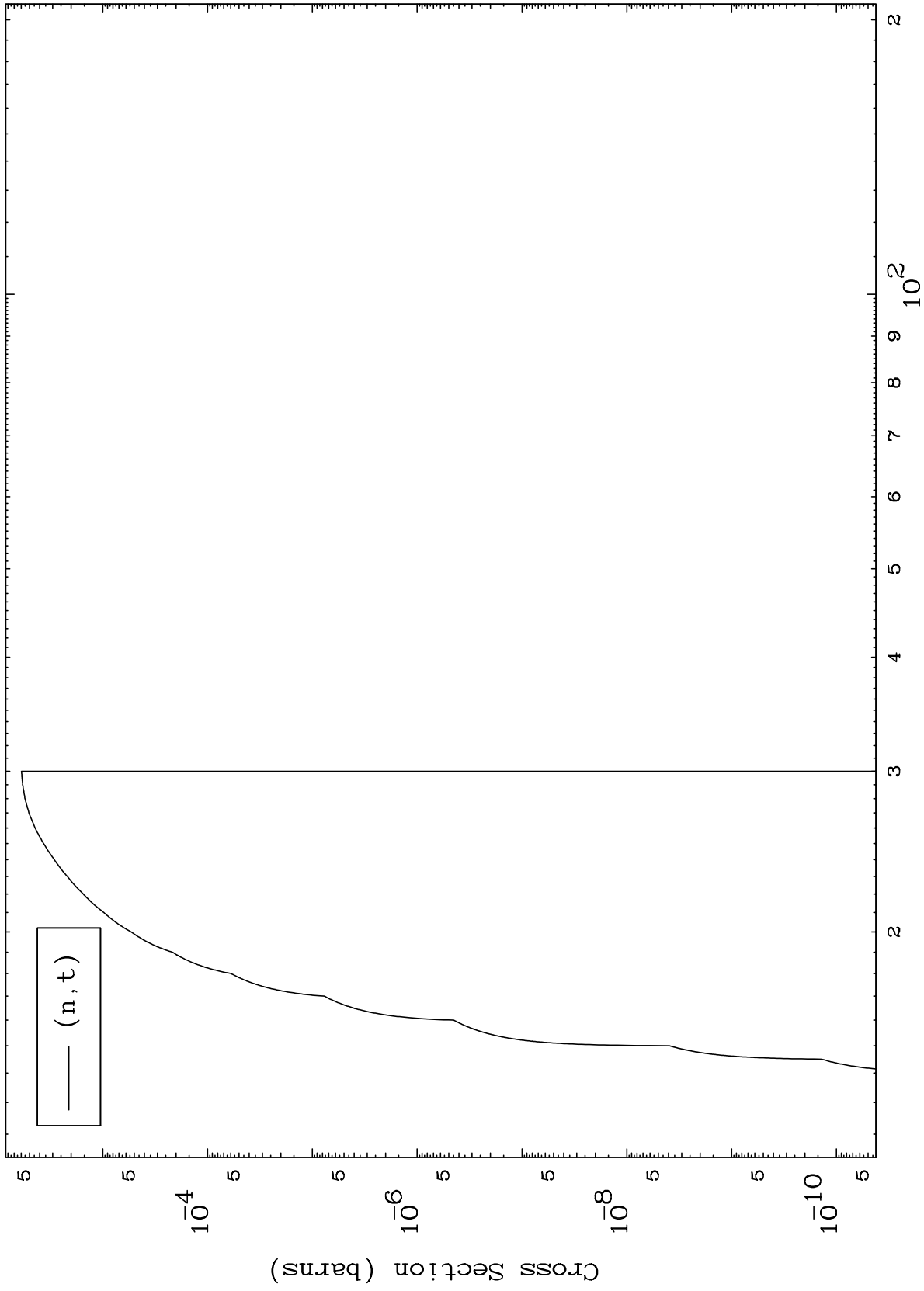
Incident Energy (MeV)

38-Sr-86

MAT 3831

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-86



12

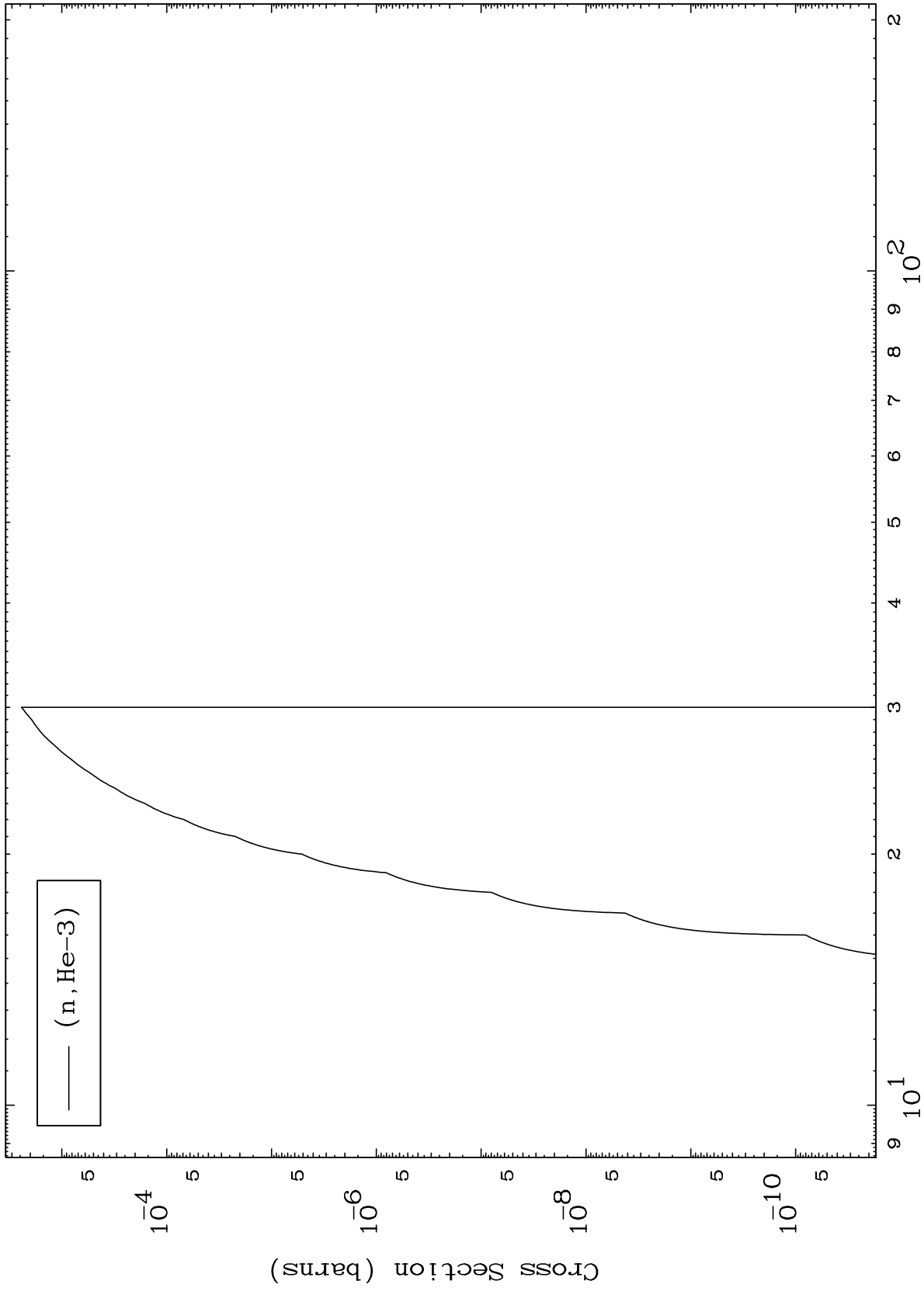
Incident Energy (MeV)

38-Sr-86

MAT 3831

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-86



13

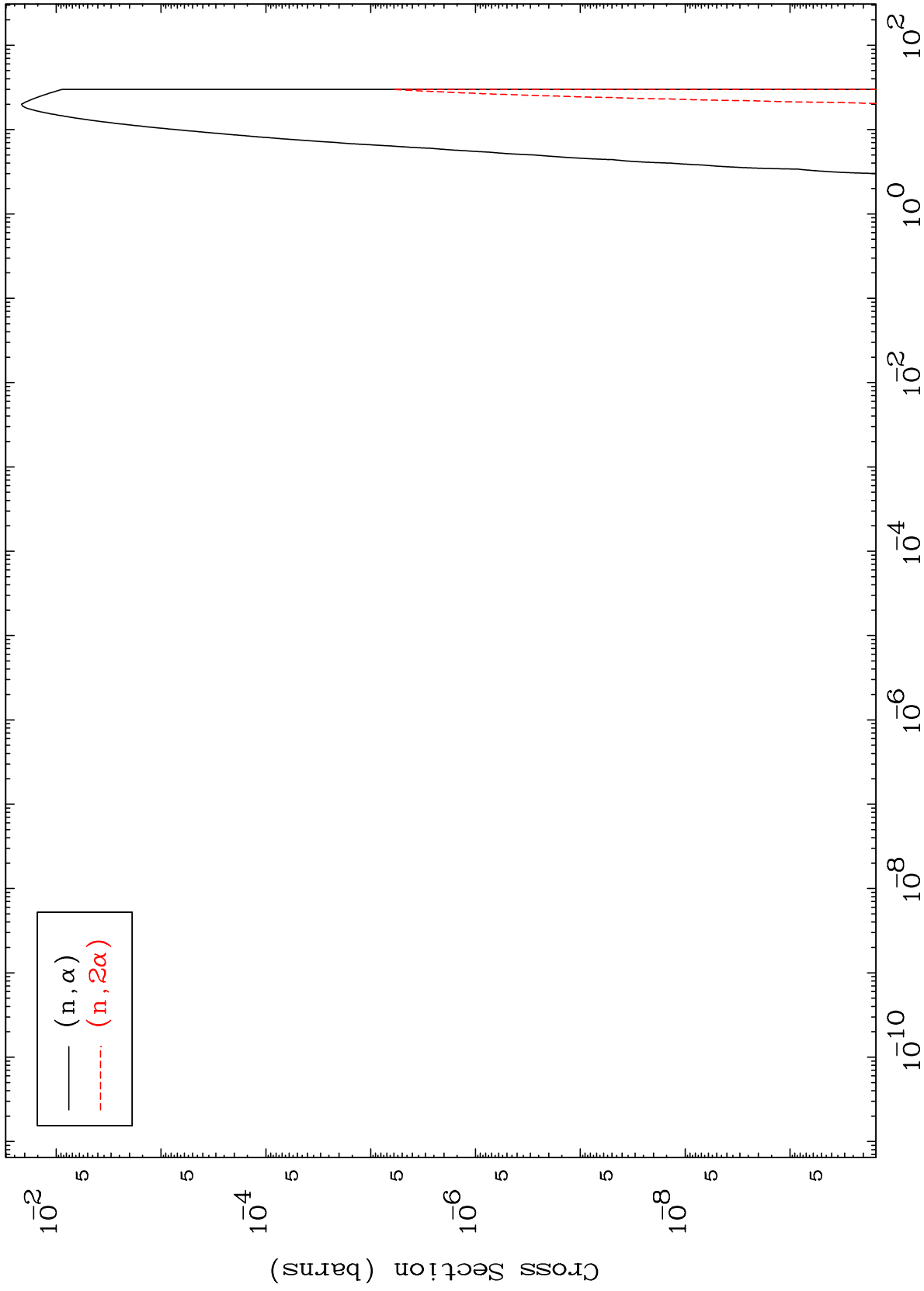
Incident Energy (MeV)

38-Sr-86

MAT 3831

(n, α) Levels
293 Kelvin Cross Sections

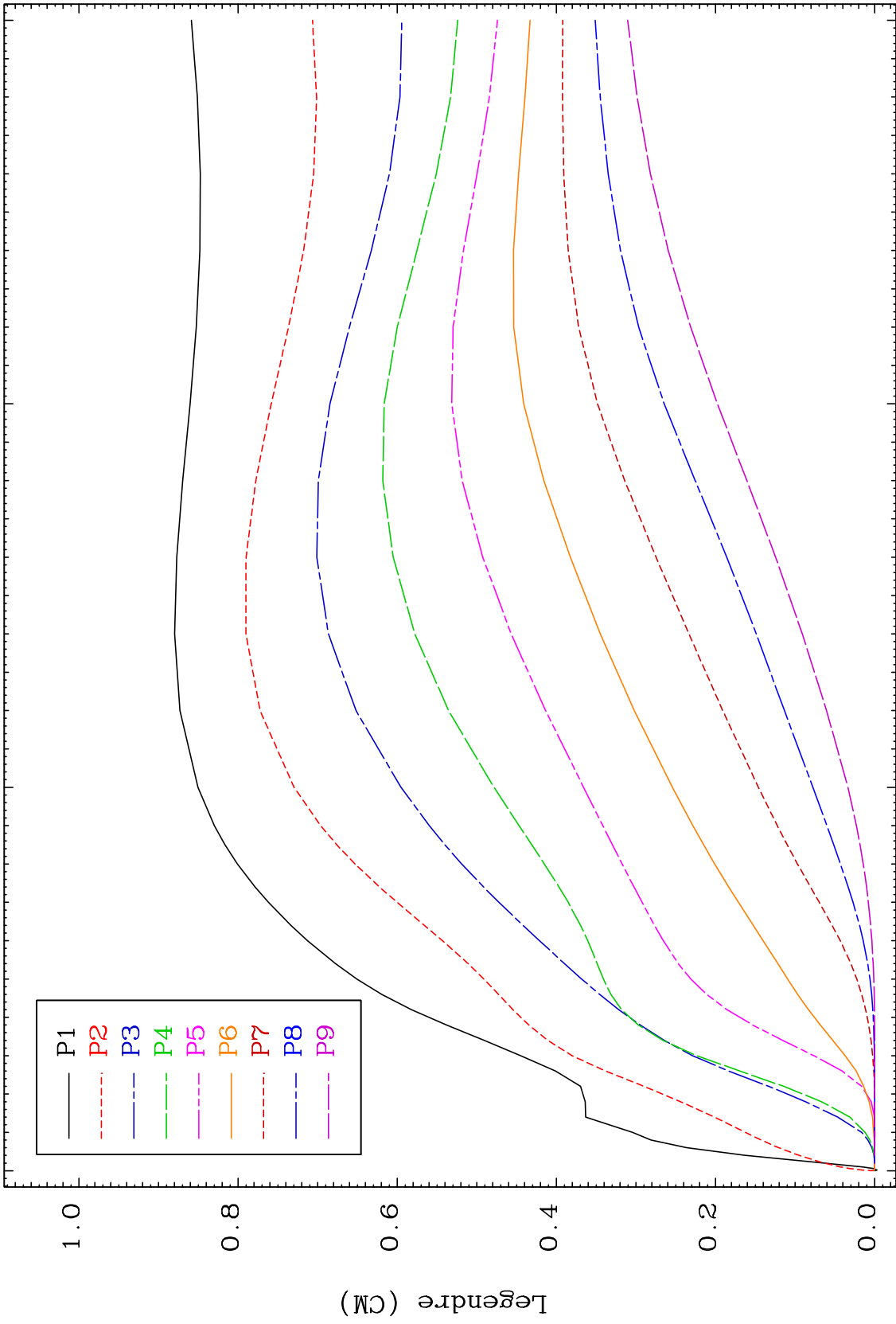
38-Sr-86



MAT 3831

Elastic Legendre Coefficients

38-Sr-86



15

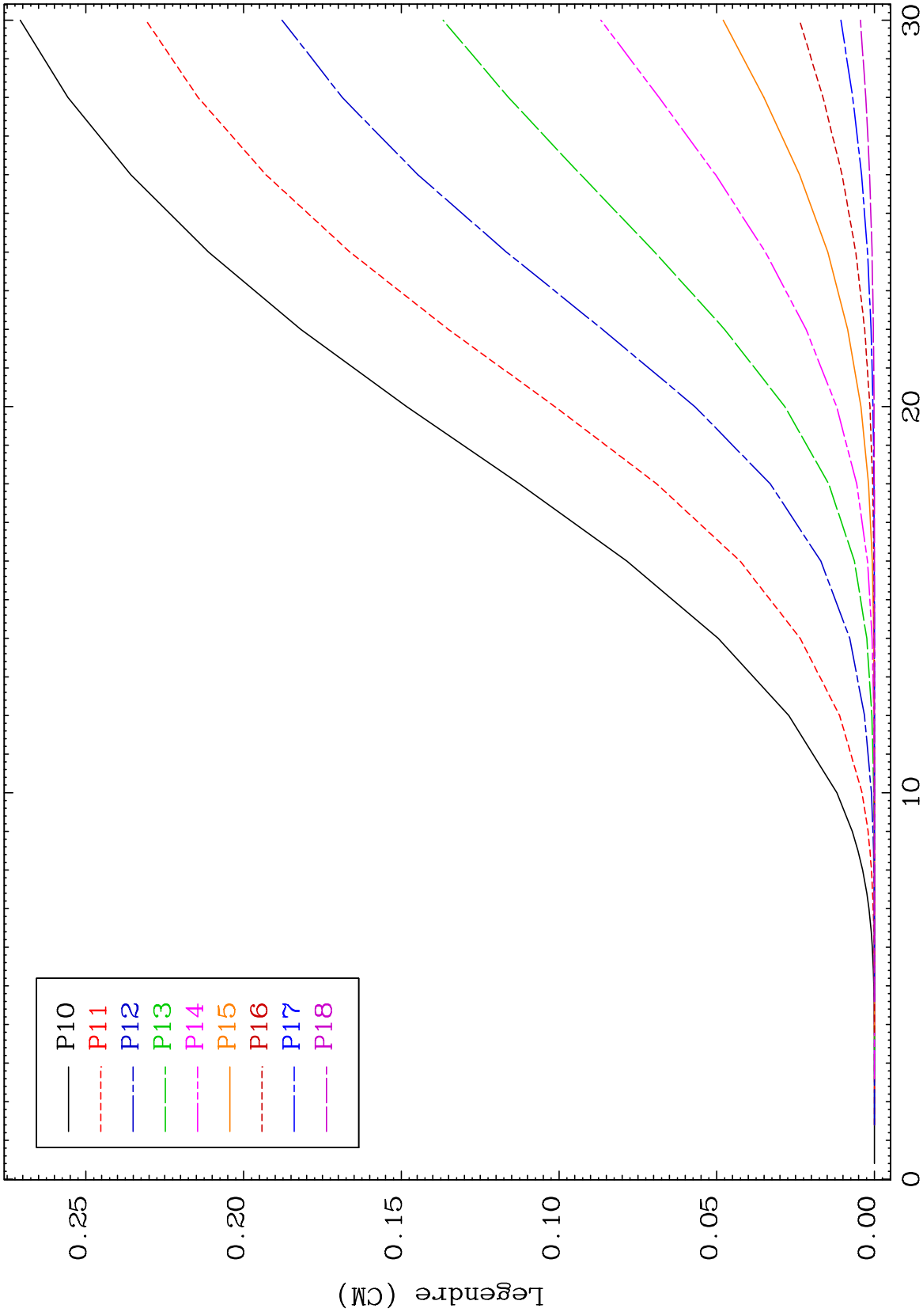
Incident Energy (MeV)

38-Sr-86

MAT 3831

Elastic Legendre Coefficients

38-Sr-86



16

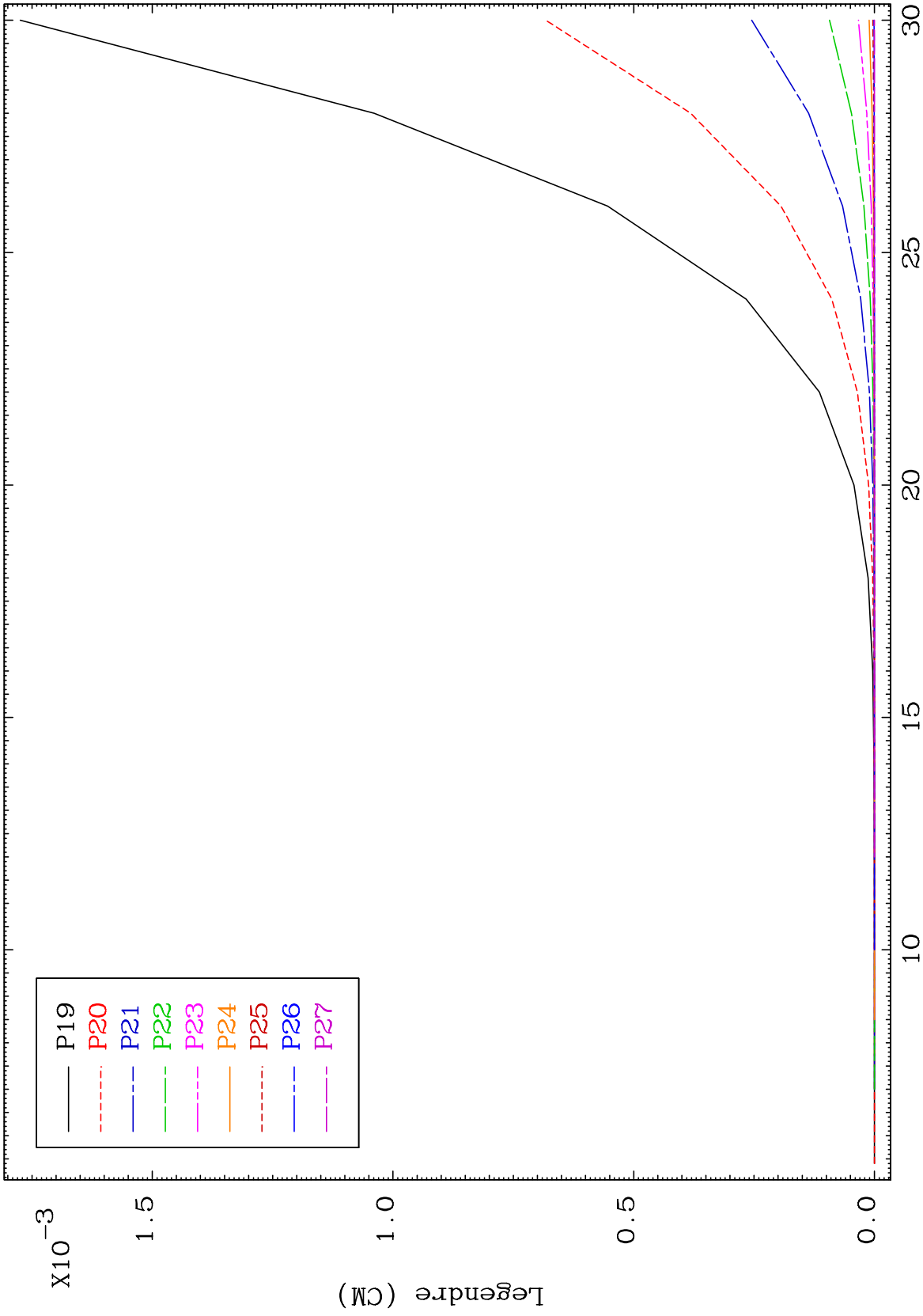
Incident Energy (MeV)

38-Sr-86

MAT 3831

Elastic Legendre Coefficients

38-Sr-86



17

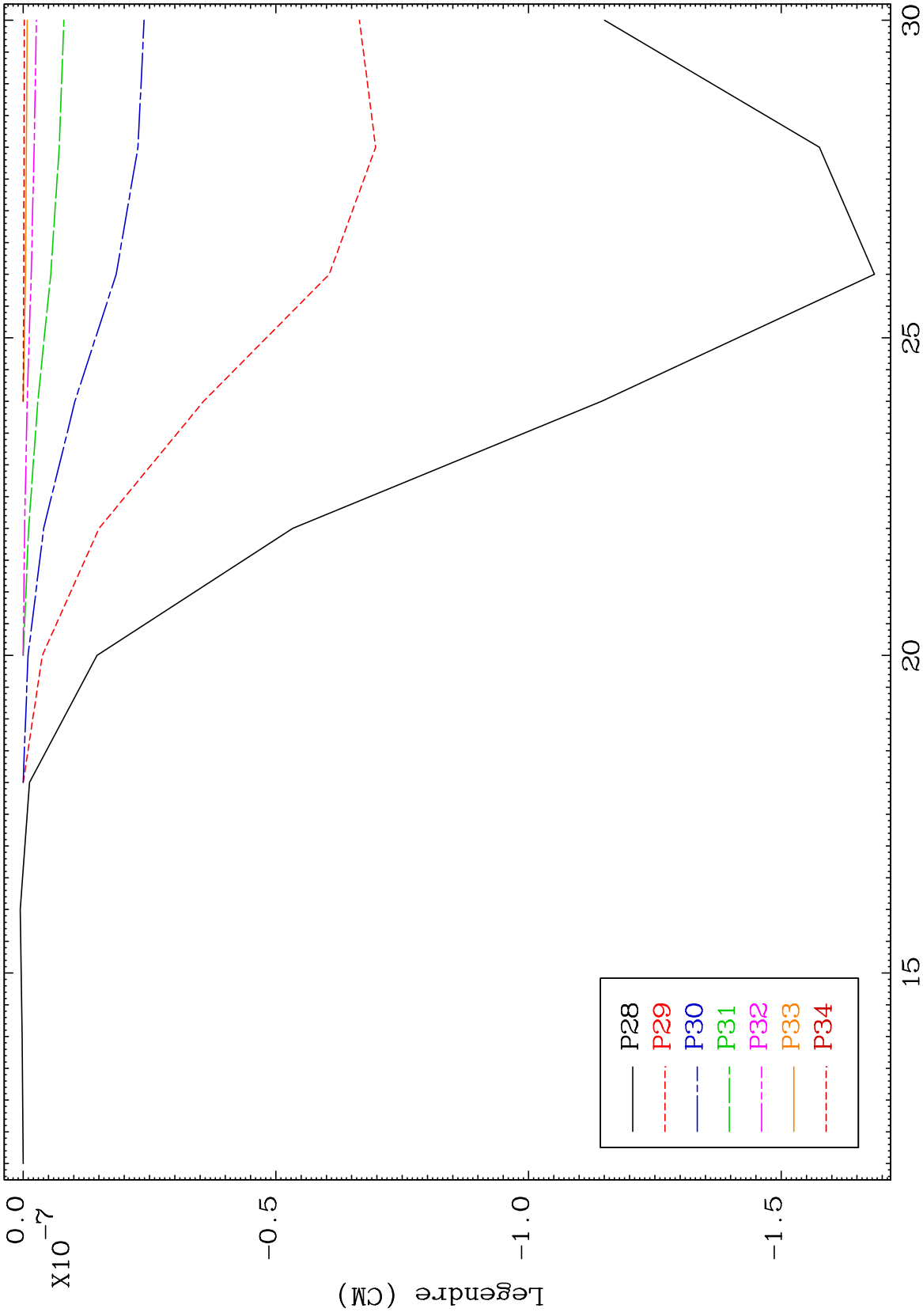
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

Elastic Legendre Coefficients



18

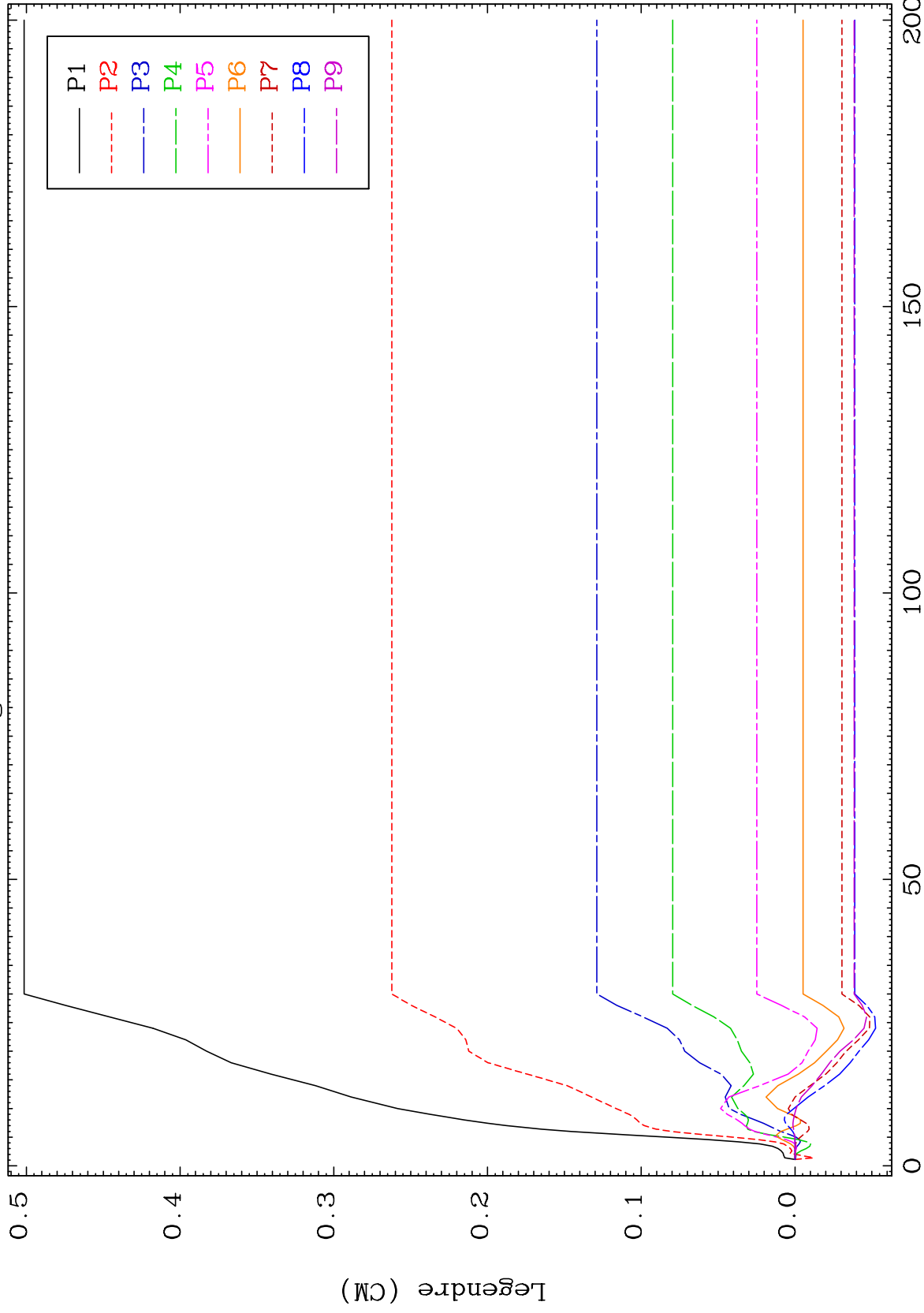
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



19

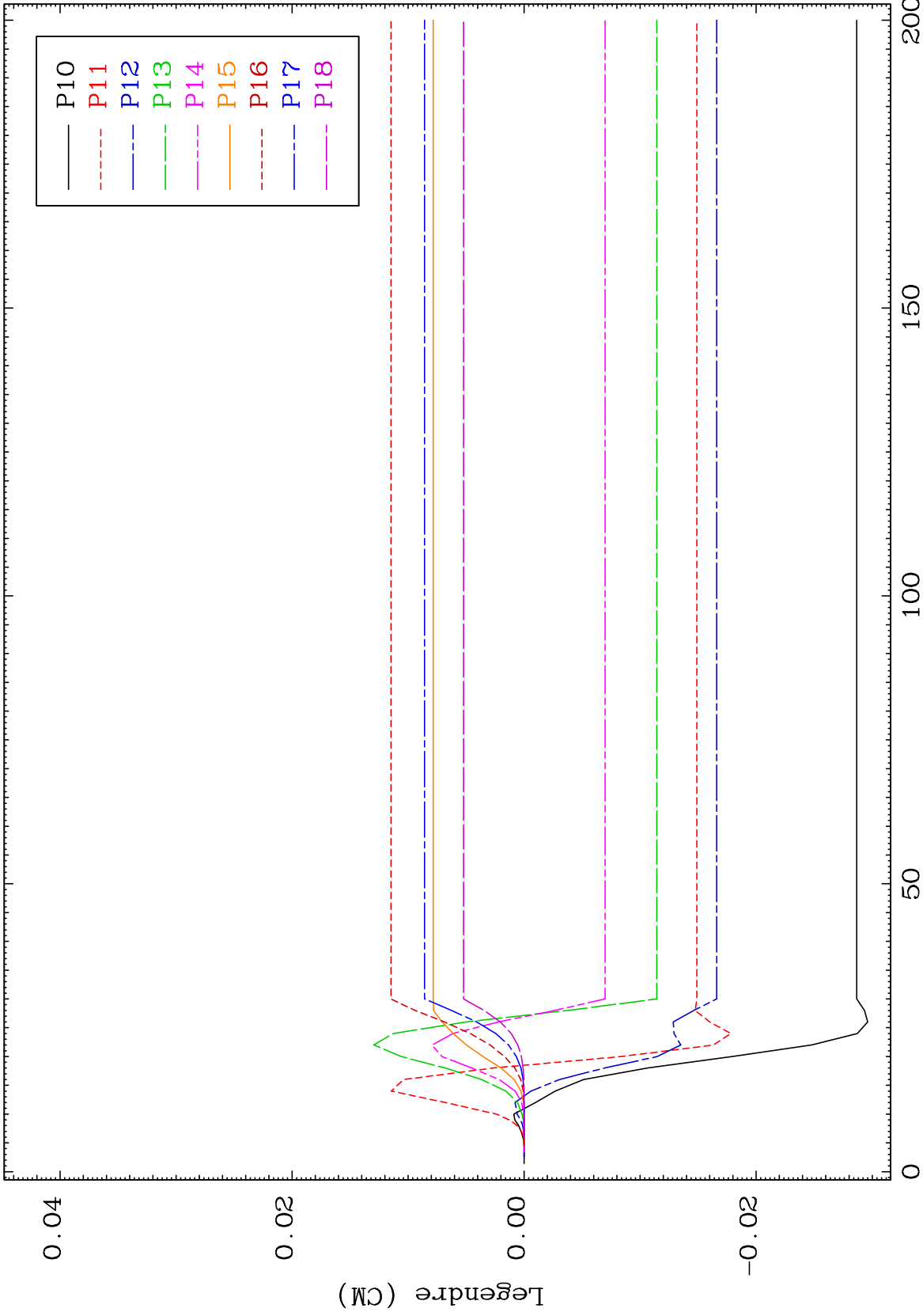
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



38-Sr-86

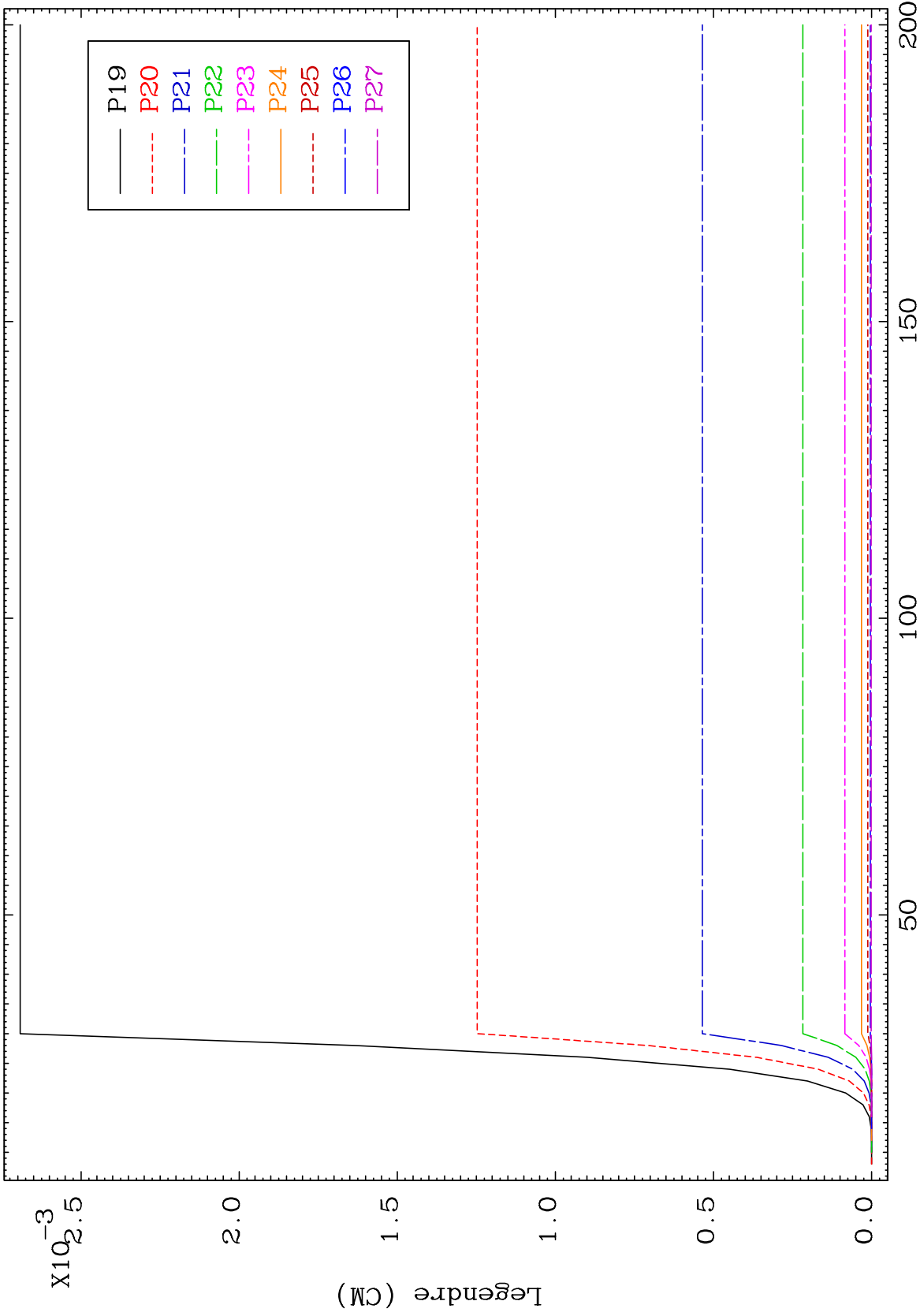
Incident Energy (MeV)

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MAT 3831

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

38-Sr-86



21

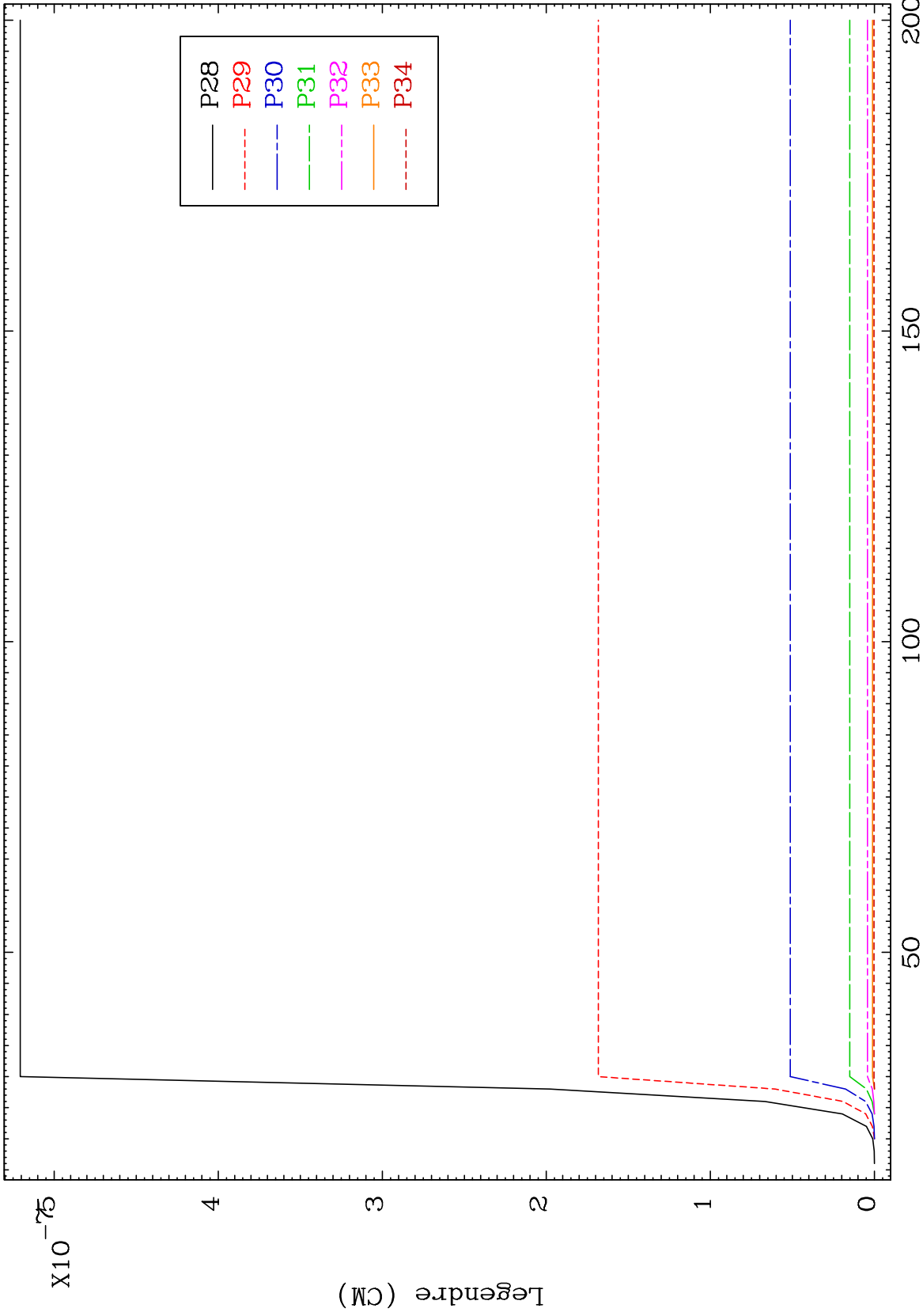
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



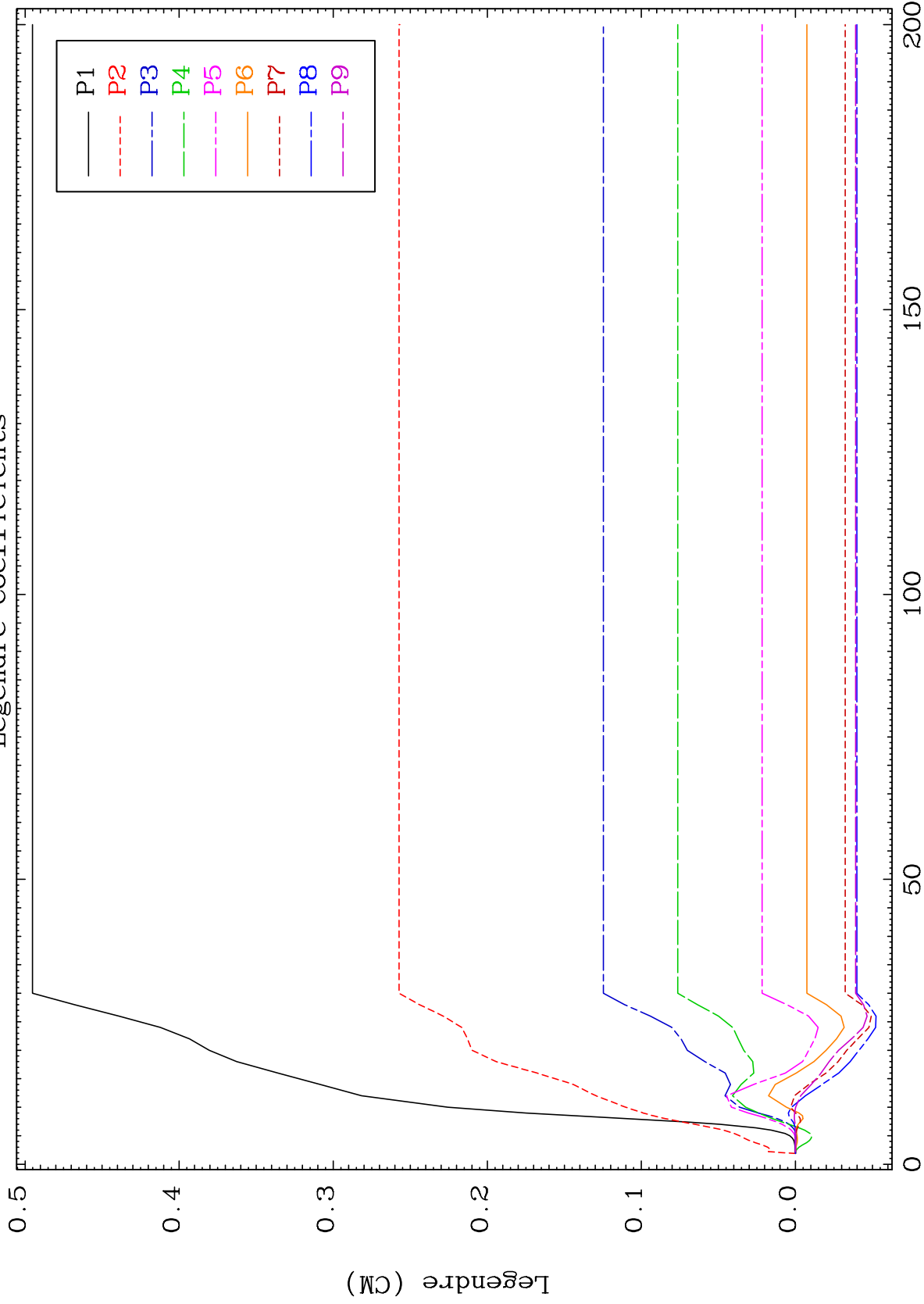
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38-Sr-86

MAT 3831

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

38-Sr-86



23

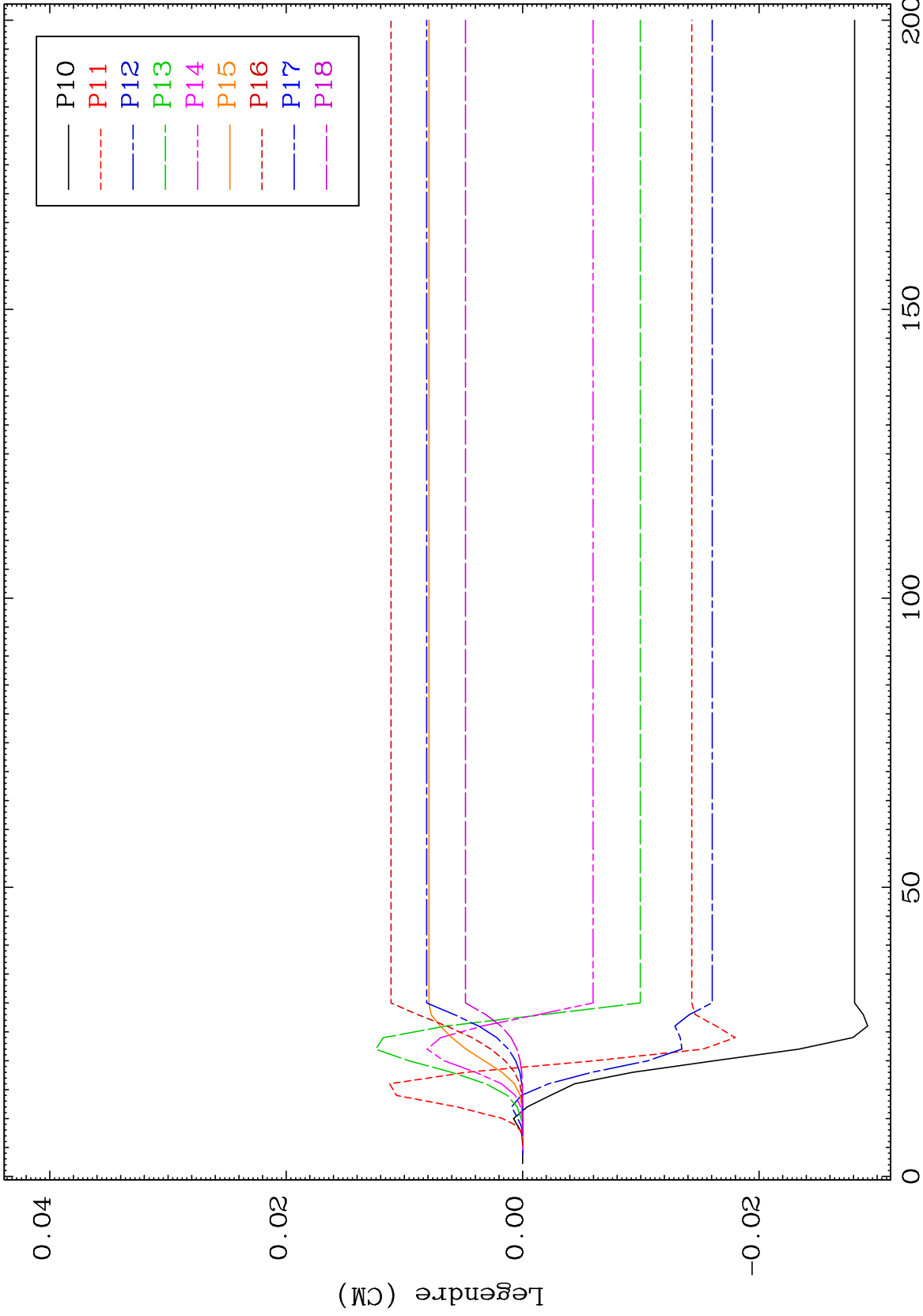
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



24

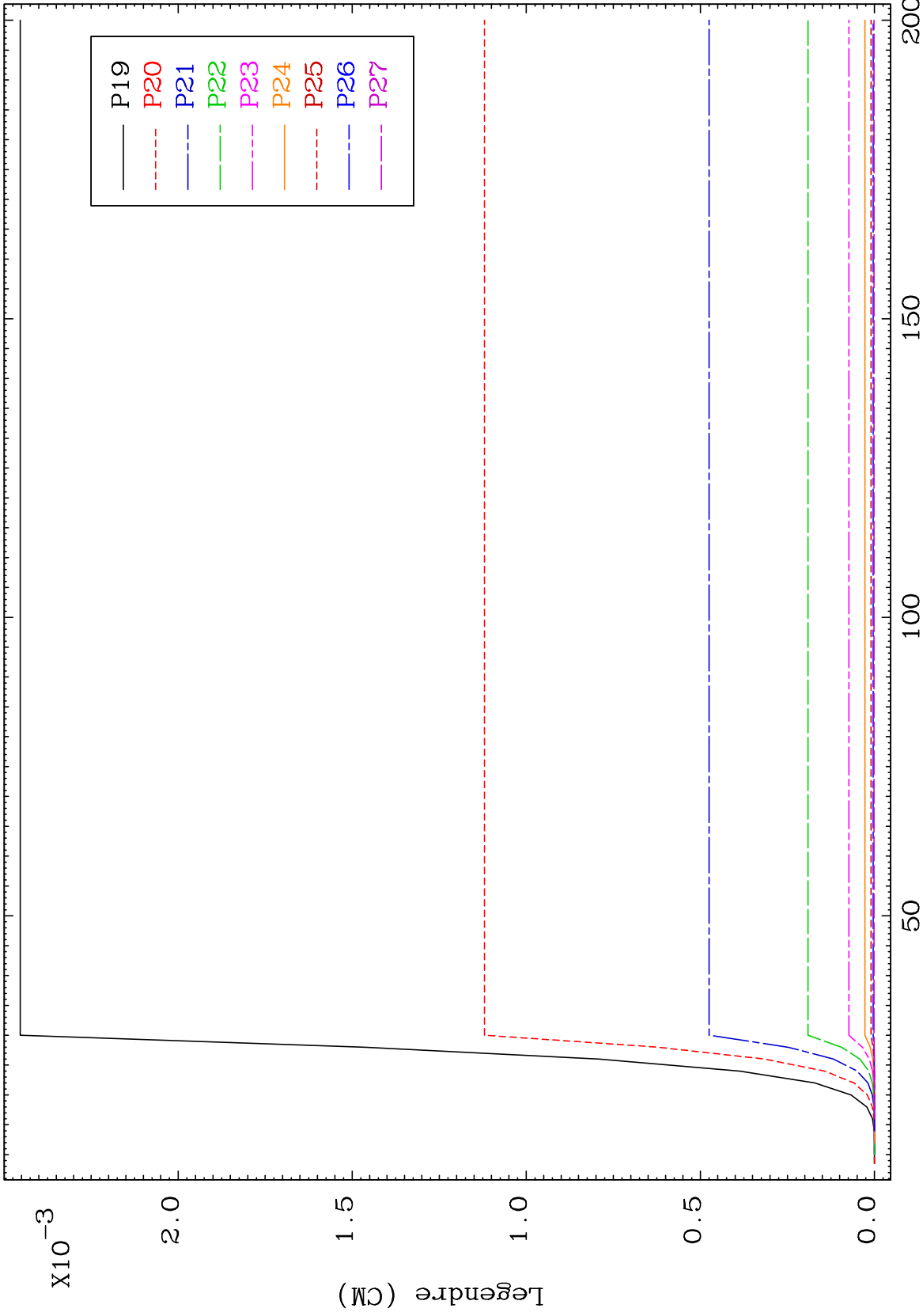
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



25

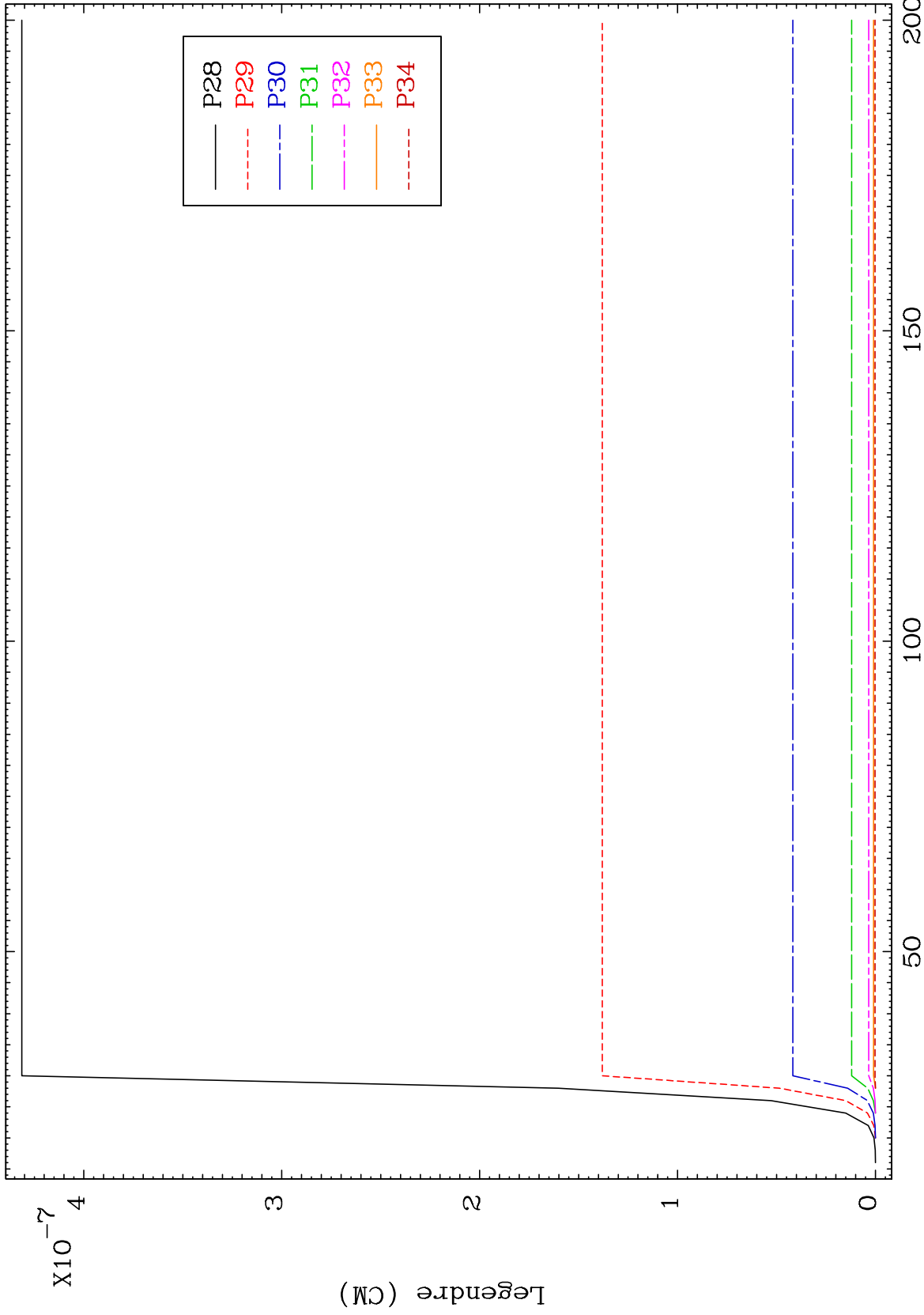
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



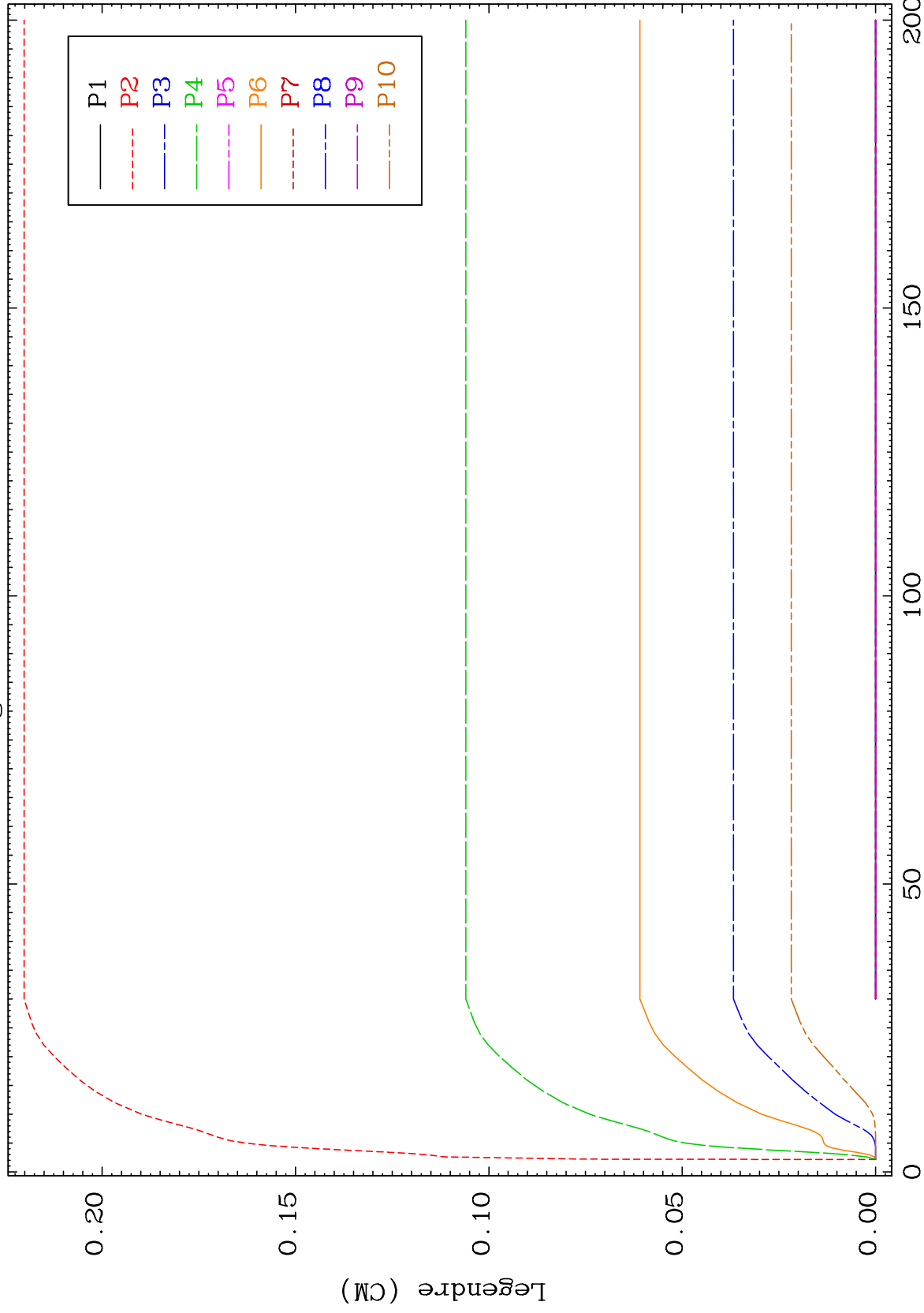
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38-Sr-86

MAT 3831

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

38-Sr-86



27

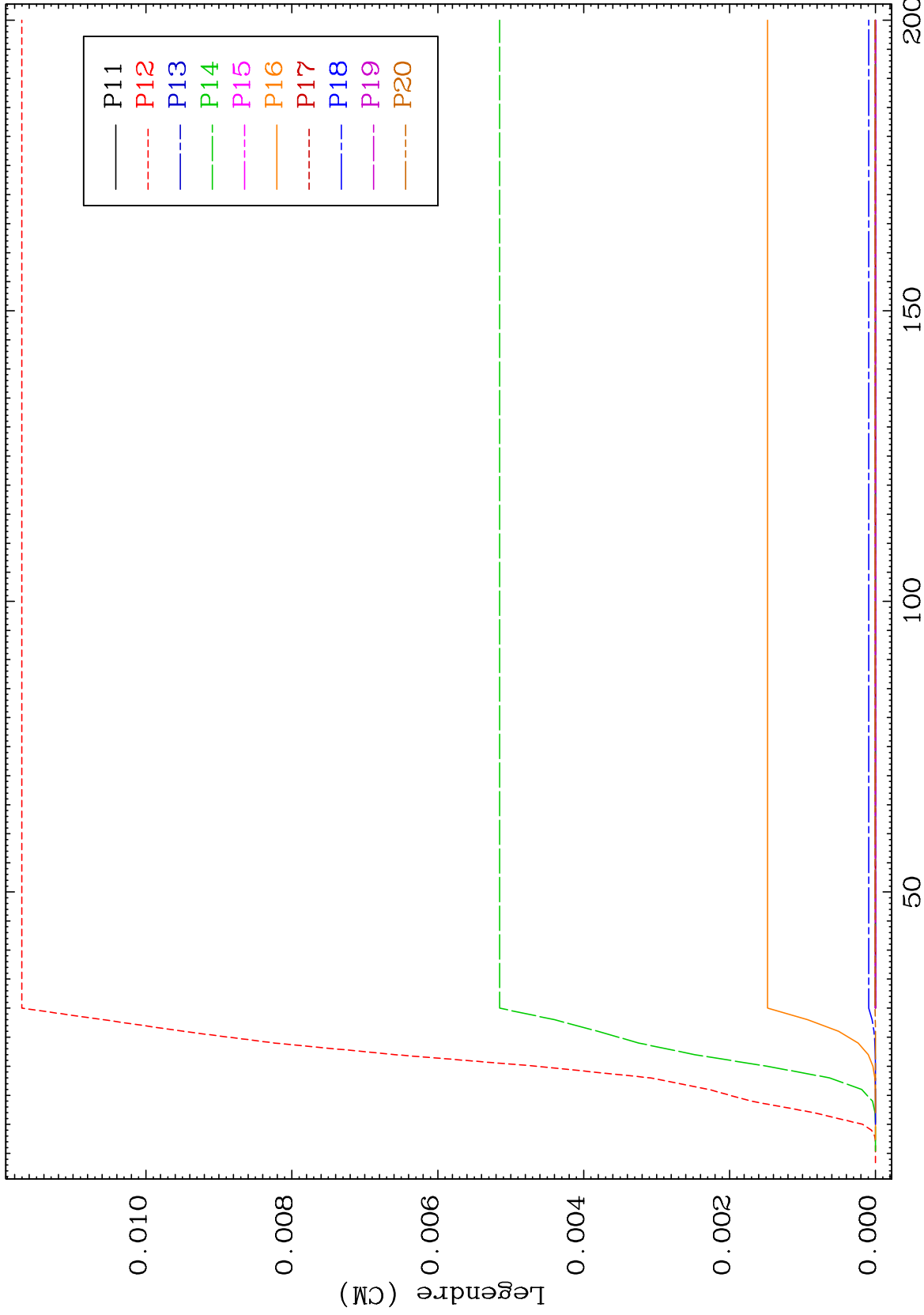
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



28

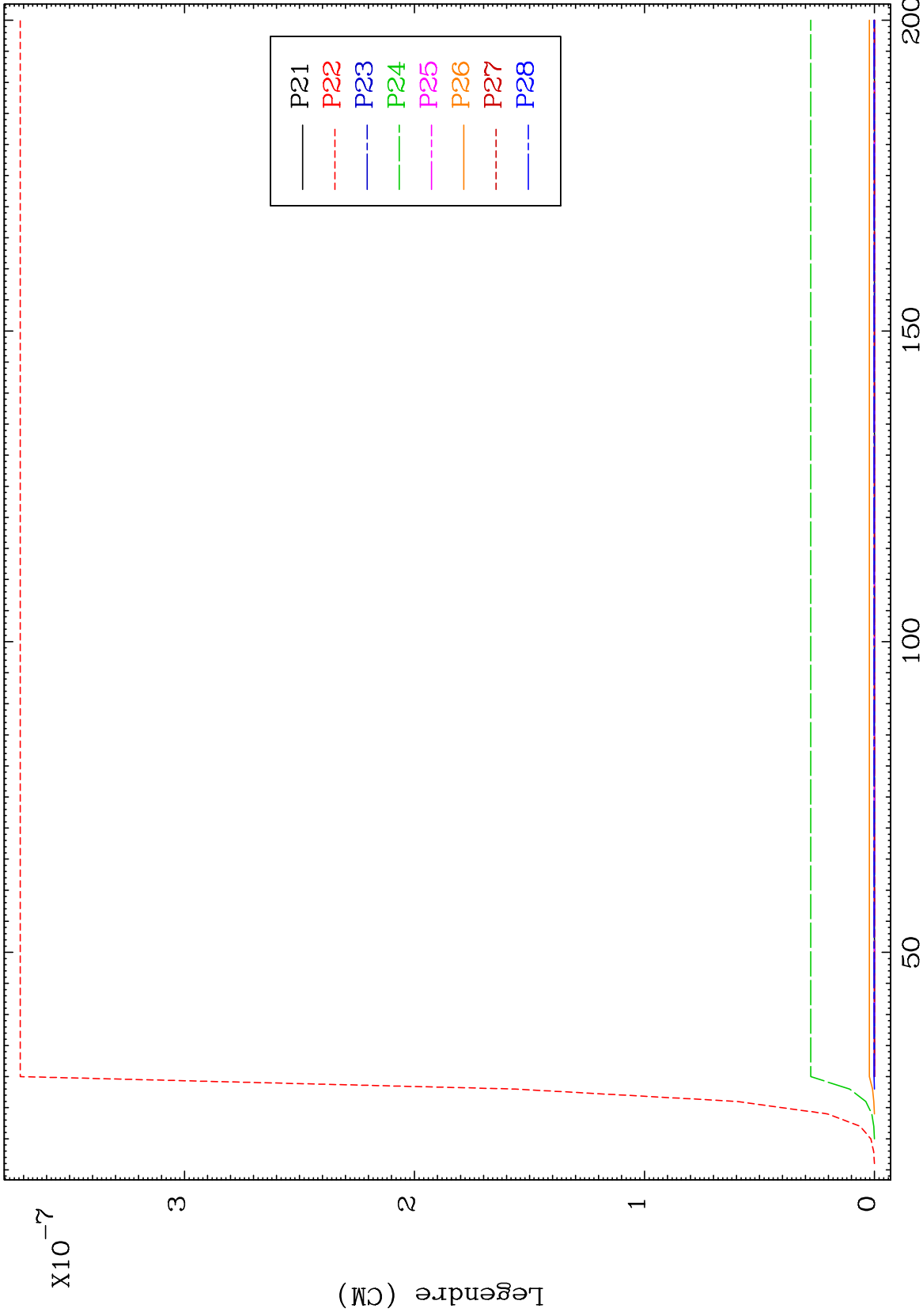
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



29

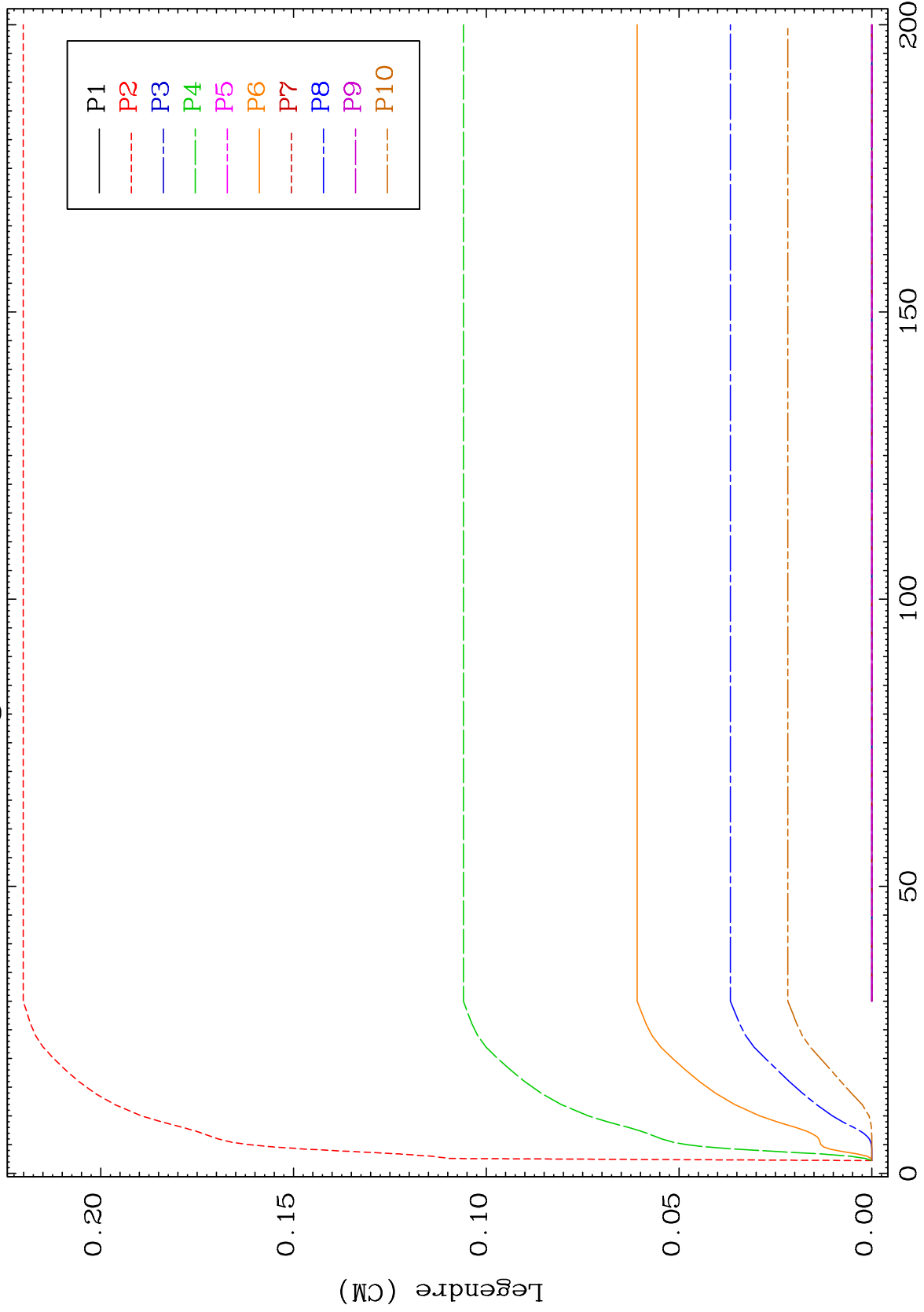
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

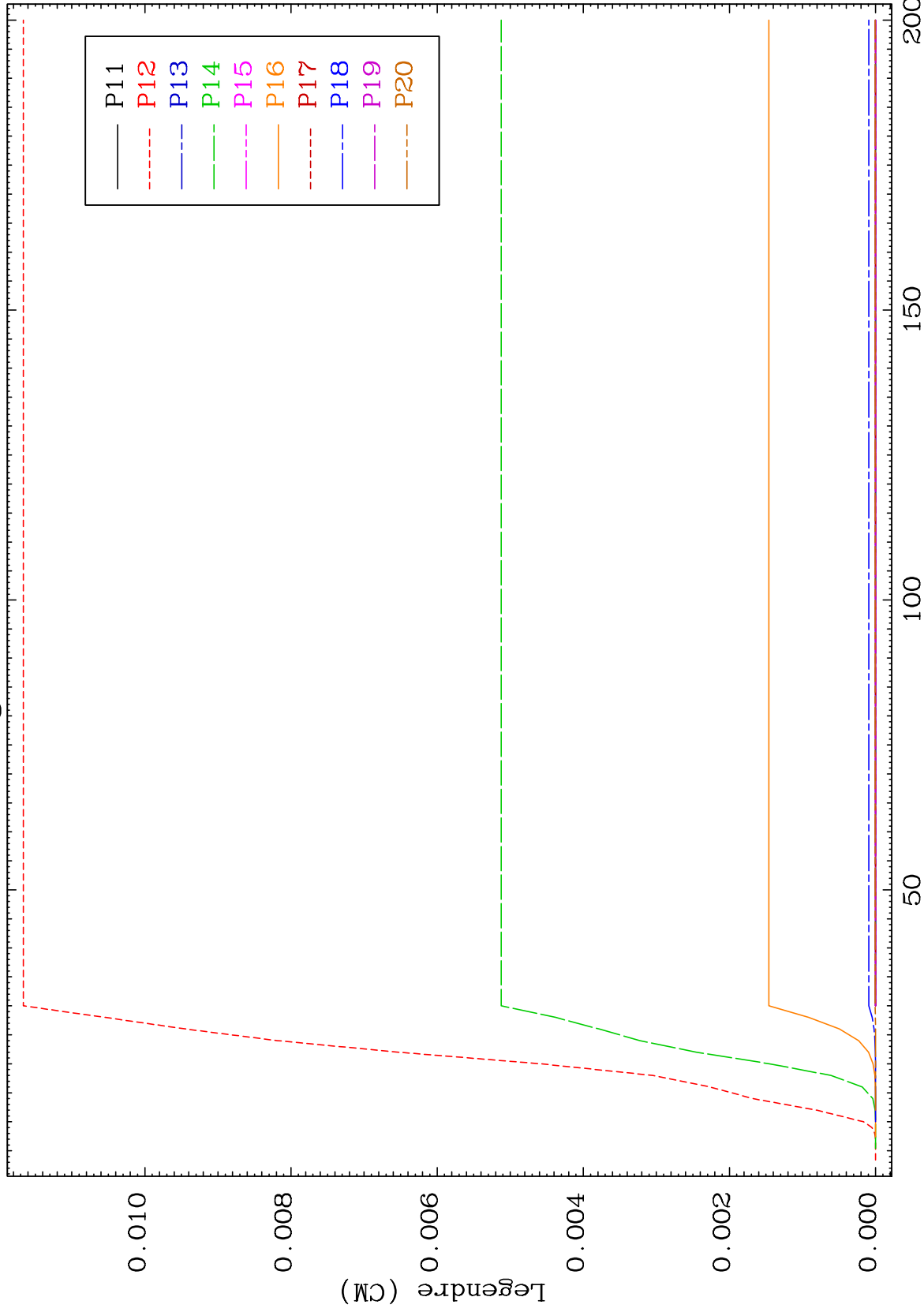
38-Sr-86



MAT 3831

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

38-Sr-86



31

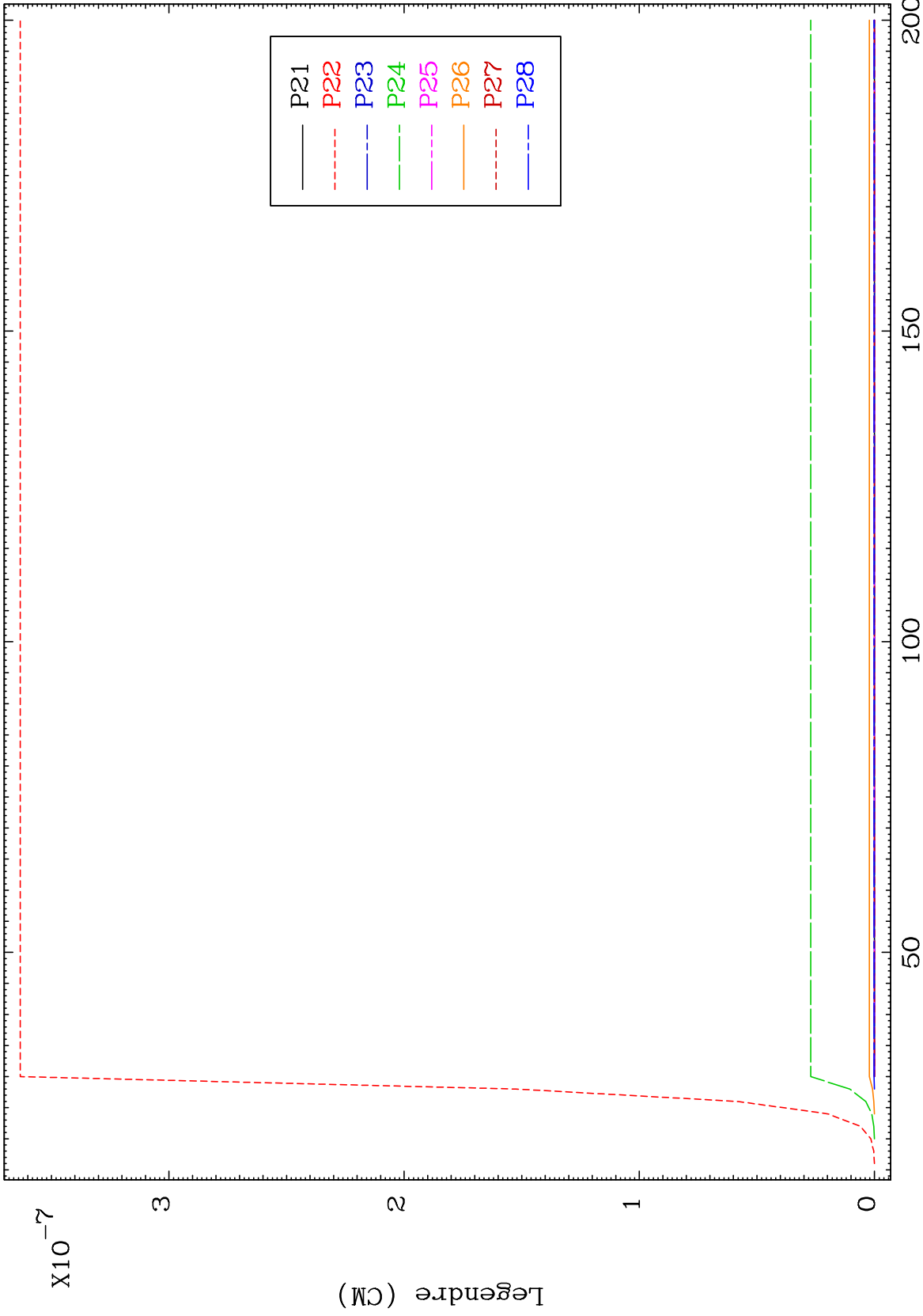
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



32

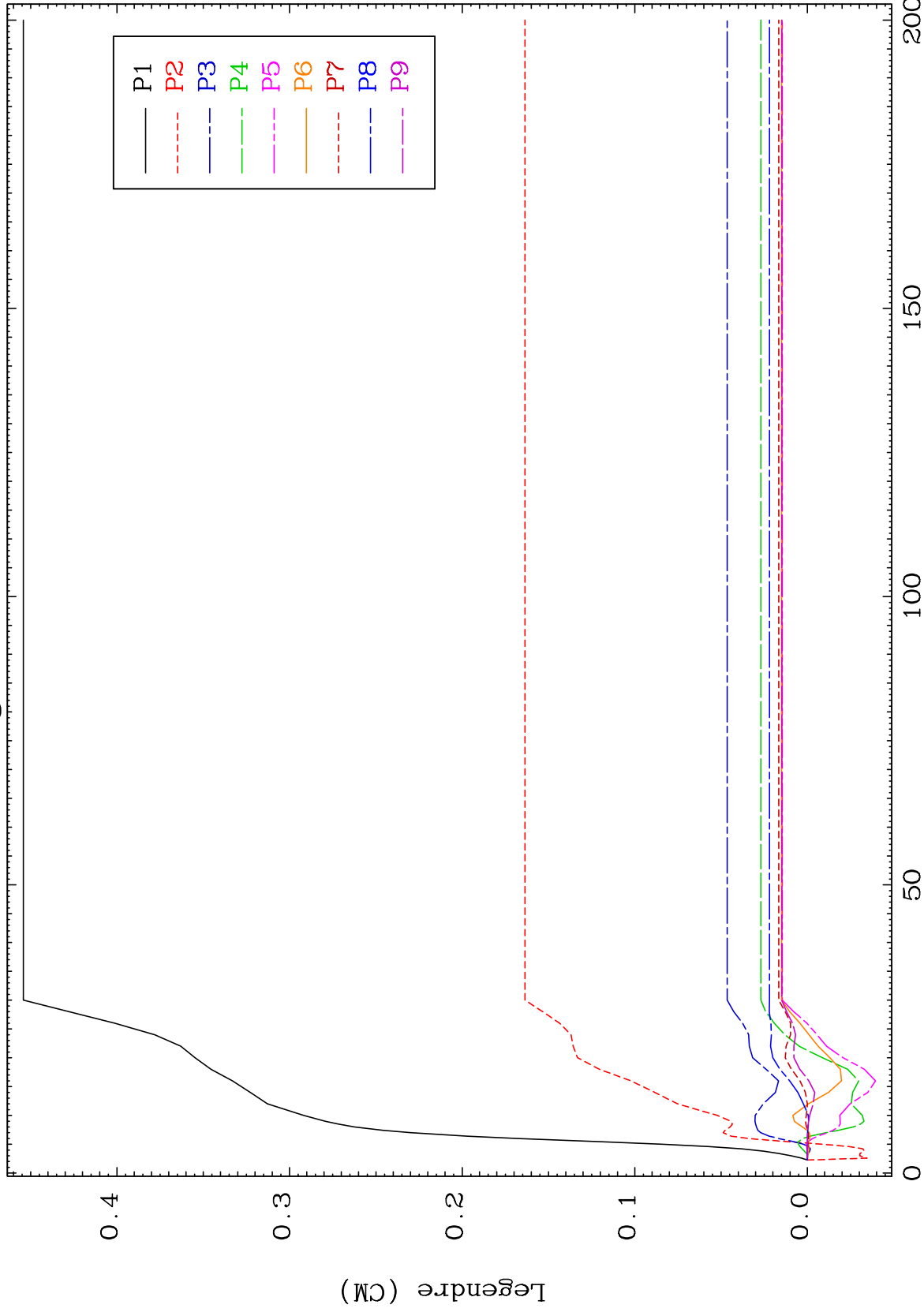
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



33

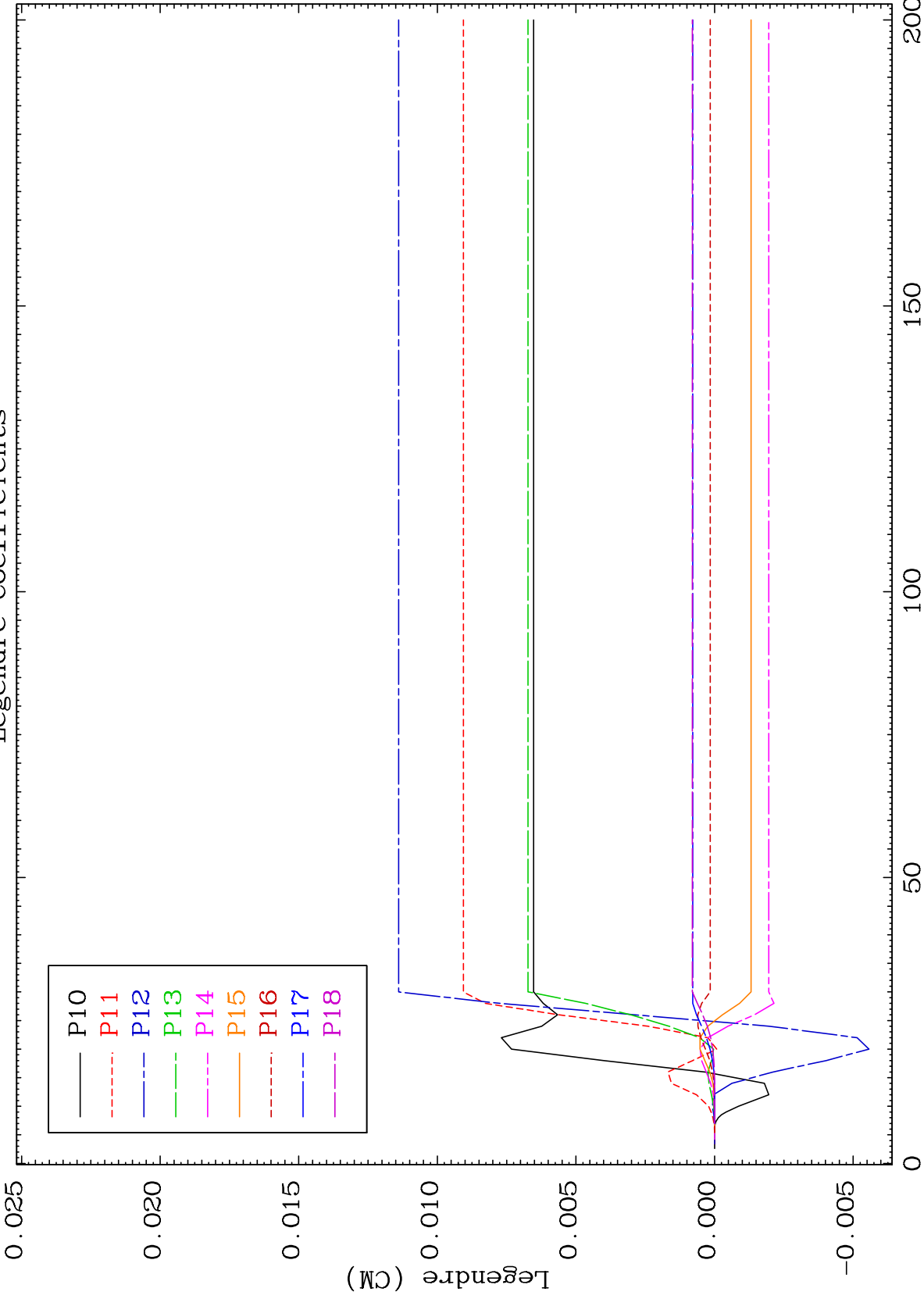
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



34

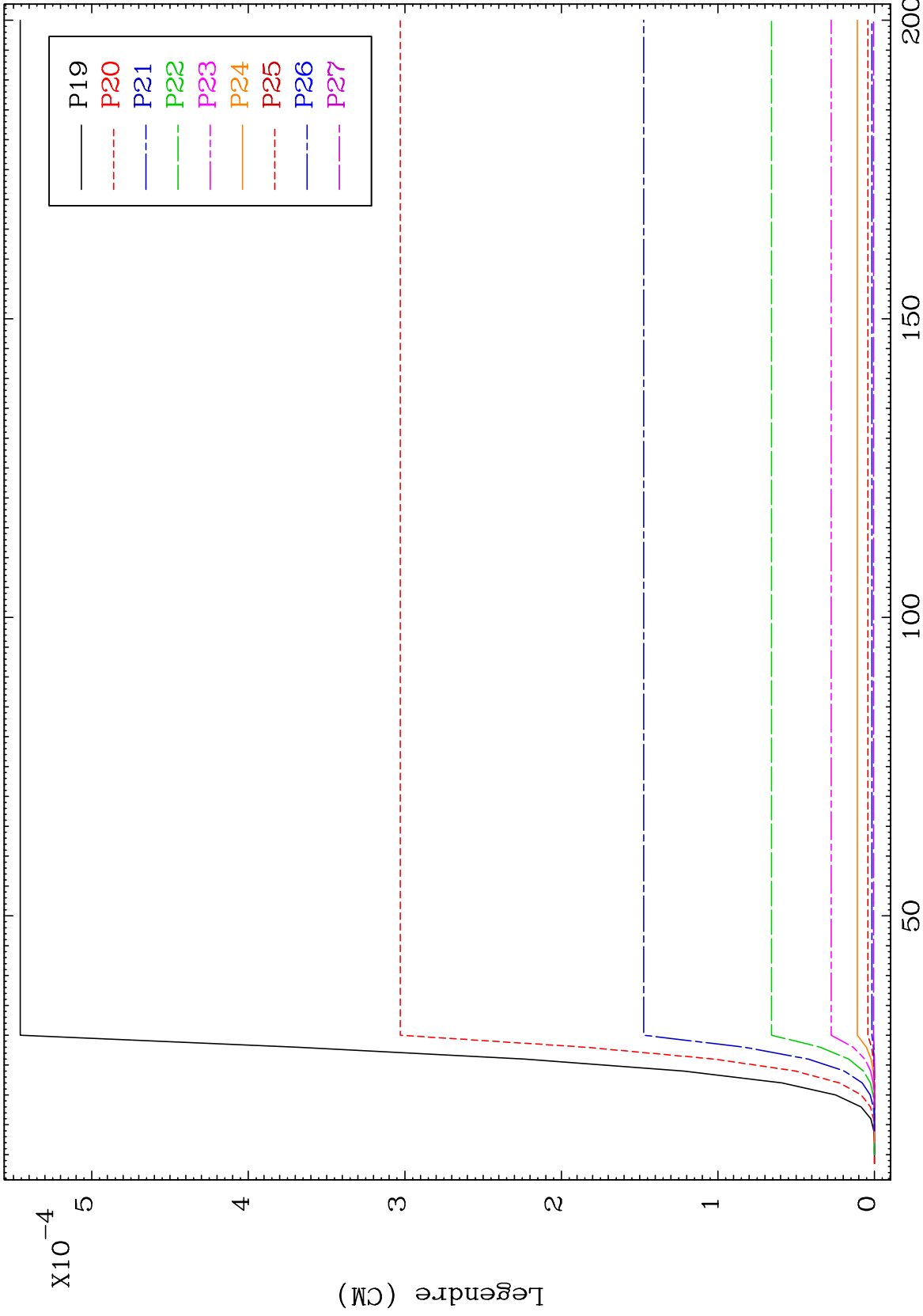
Incident Energy (MeV)

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MAT 3831

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

38-Sr-86



35

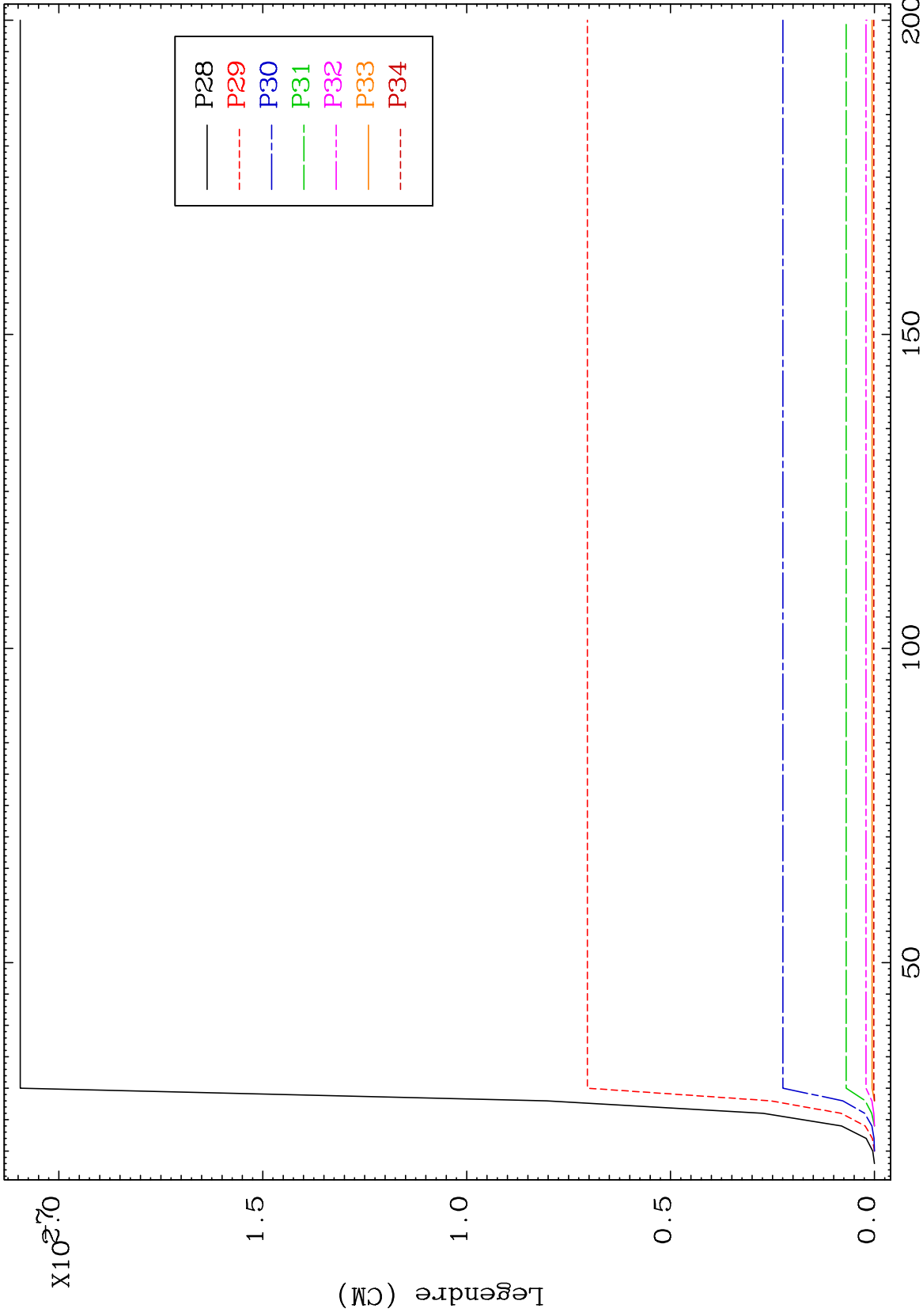
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



36

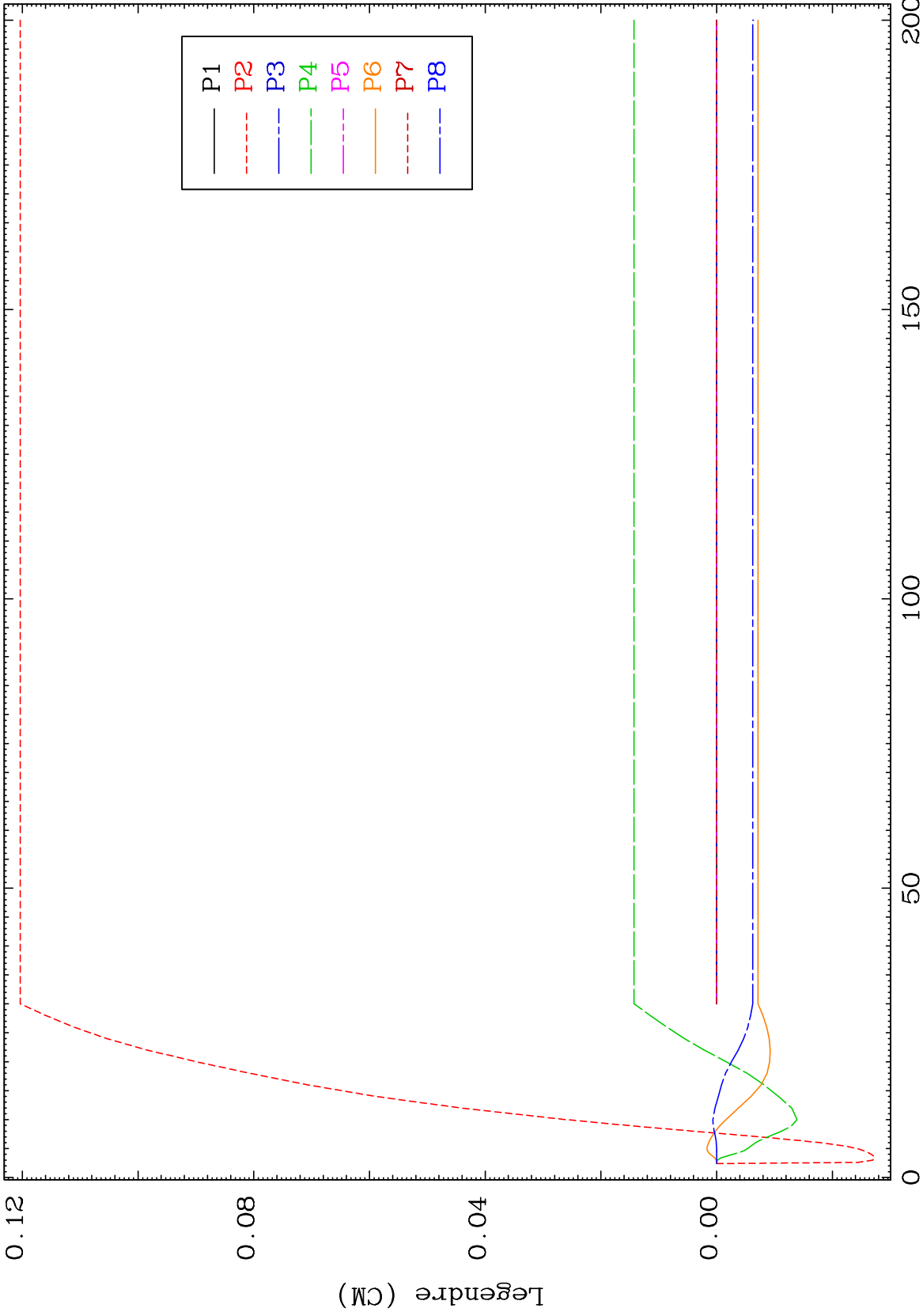
Incident Energy (MeV)

38-Sr-86

38-Sr-86

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

MAT 3831



38-Sr-86

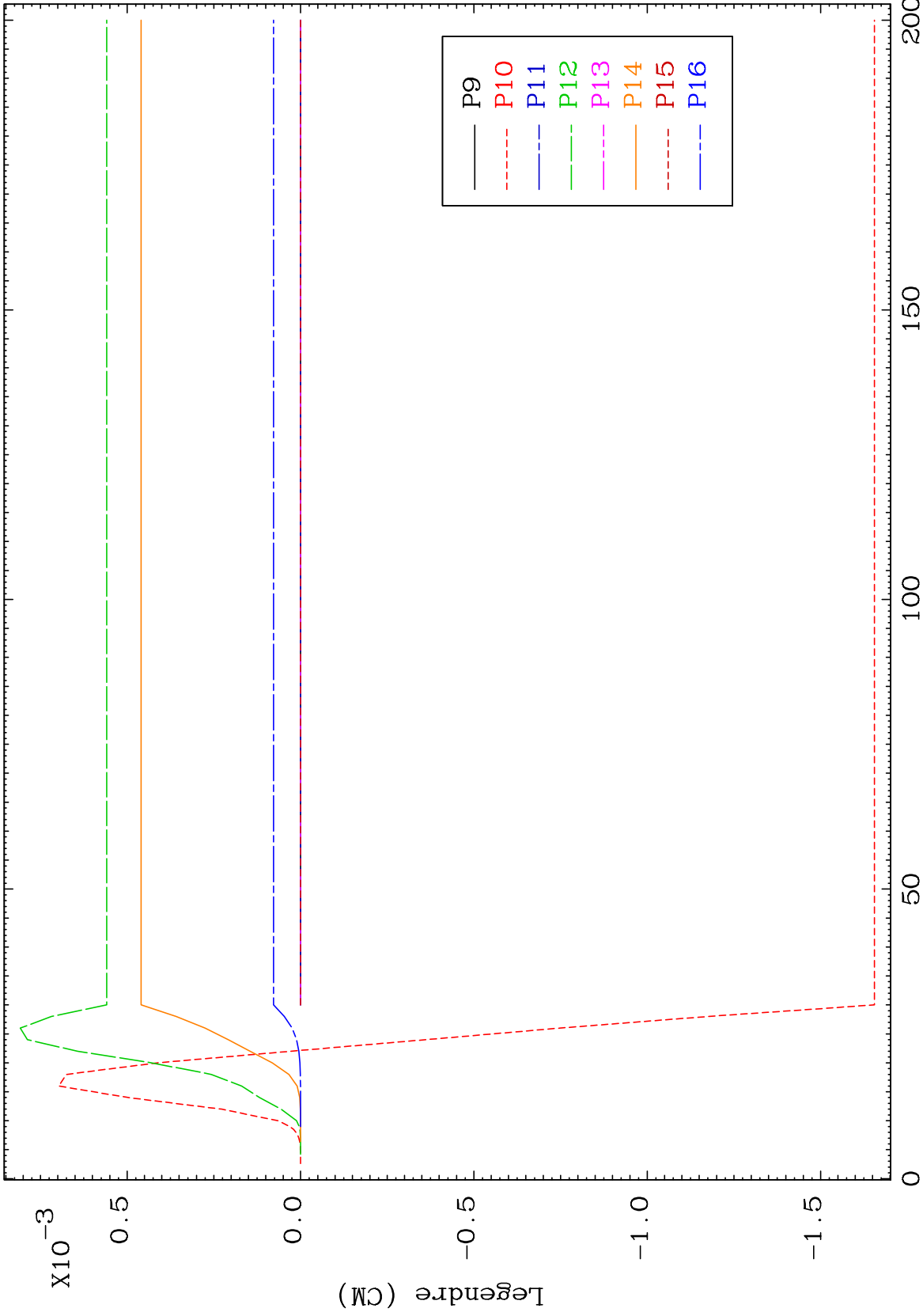
Incident Energy (MeV)

37

MAT 3831

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

38-Sr-86

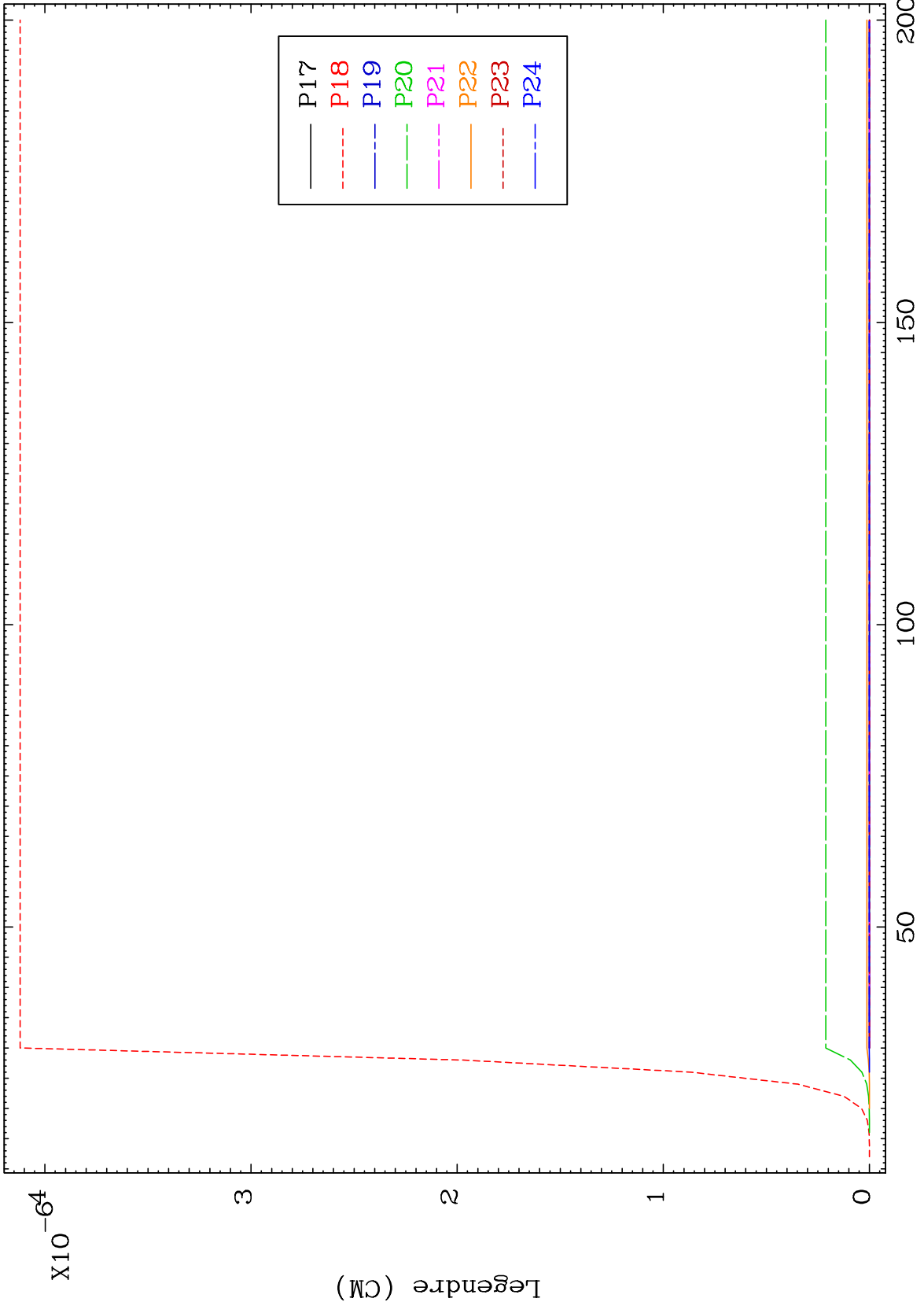


38

Incident Energy (MeV)

38-Sr-86

MAT 3831 MT= 56 (n,n') Level Legendre Coefficients 38-Sr-86

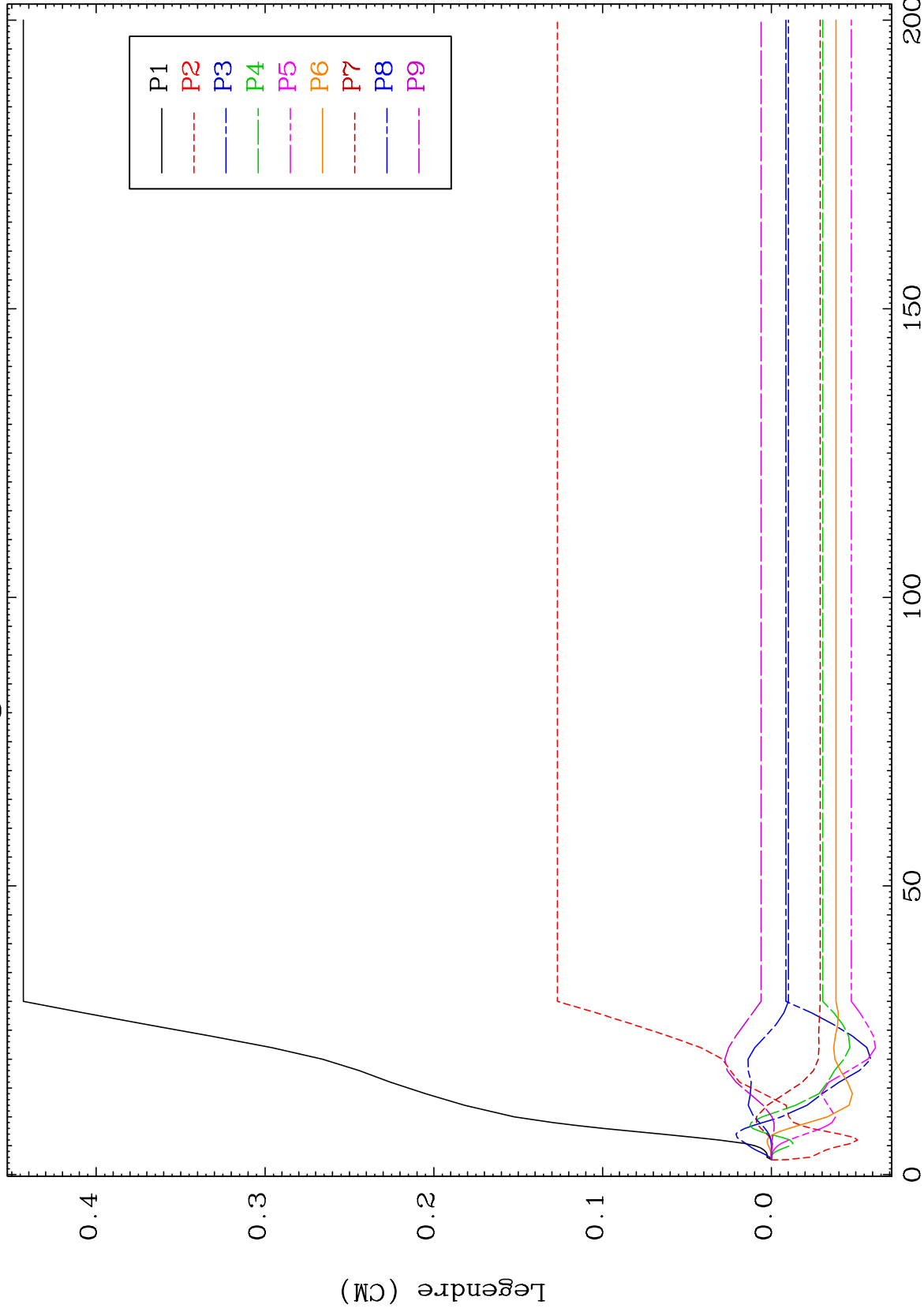


39 Incident Energy (MeV) 200 38-Sr-86

MAT 3831

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

38-Sr-86



40

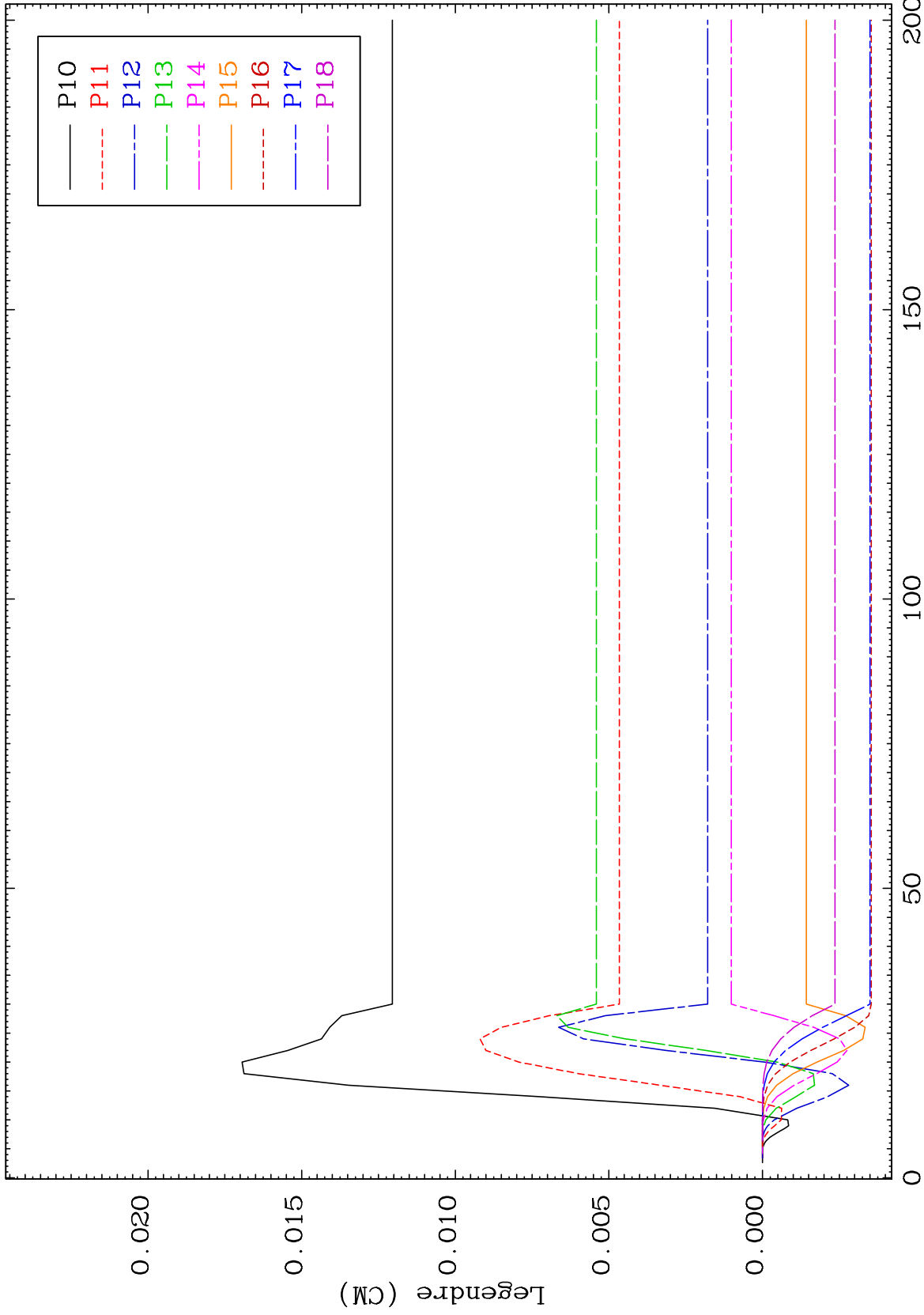
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



41

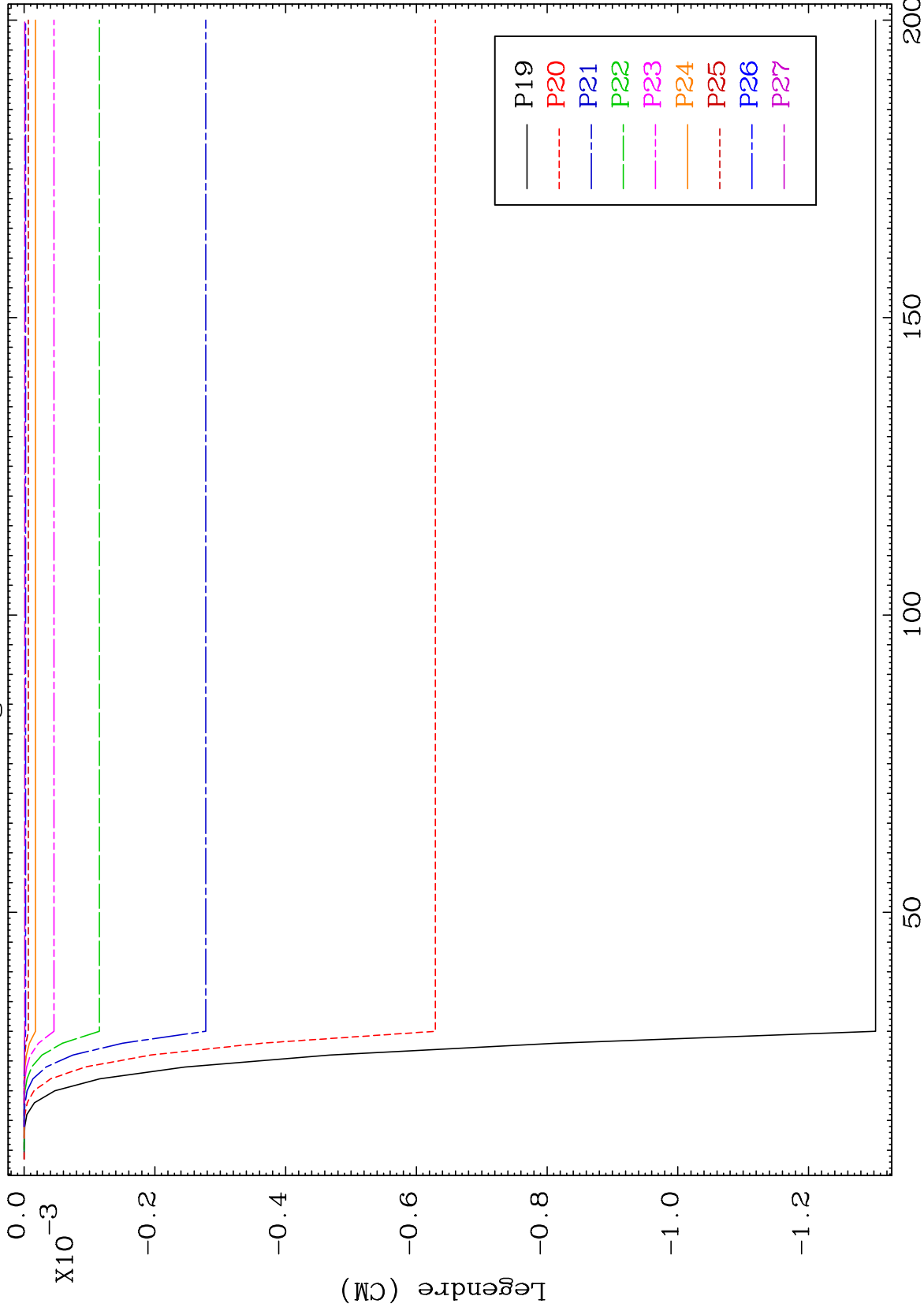
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



42

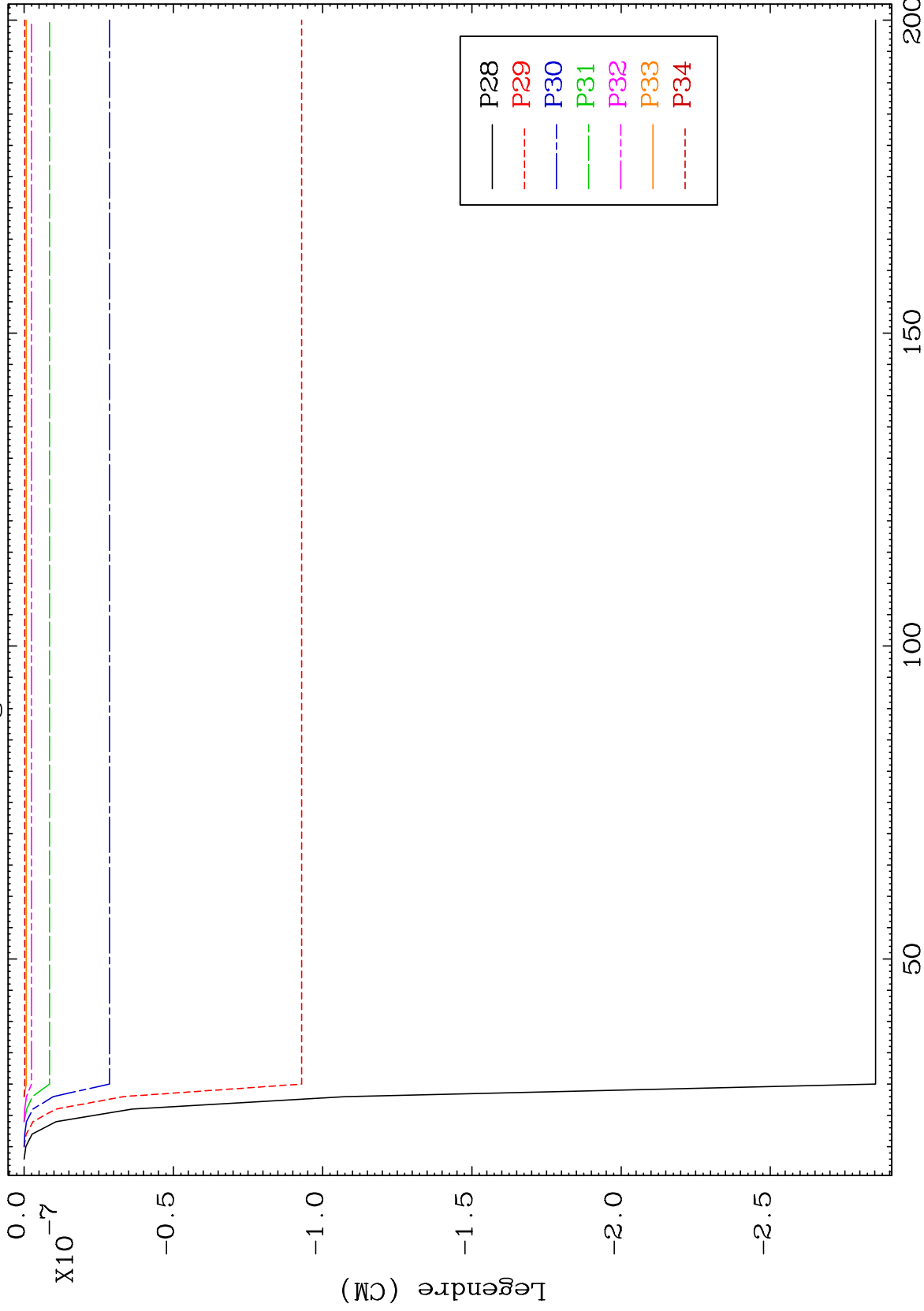
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



43

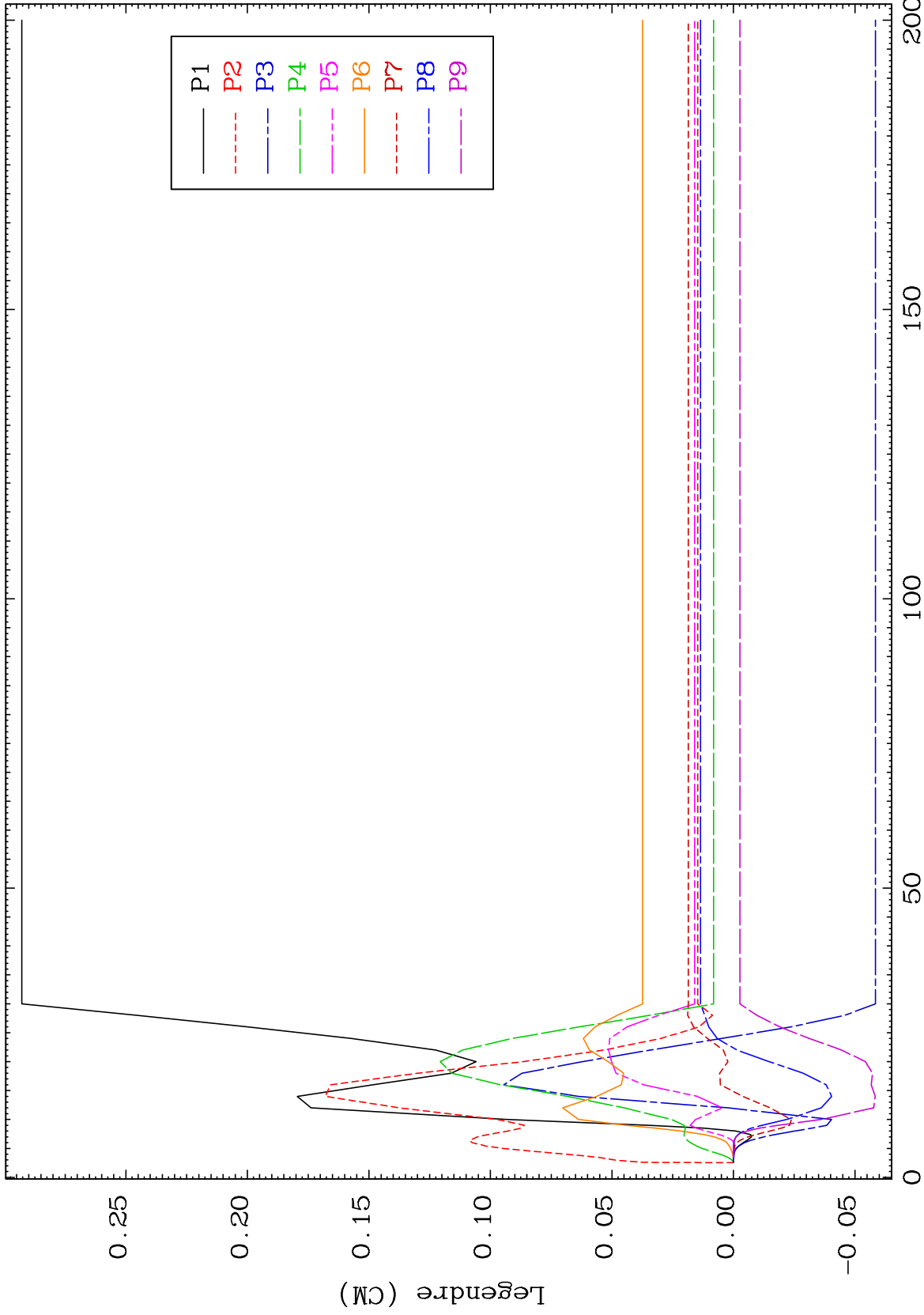
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



44

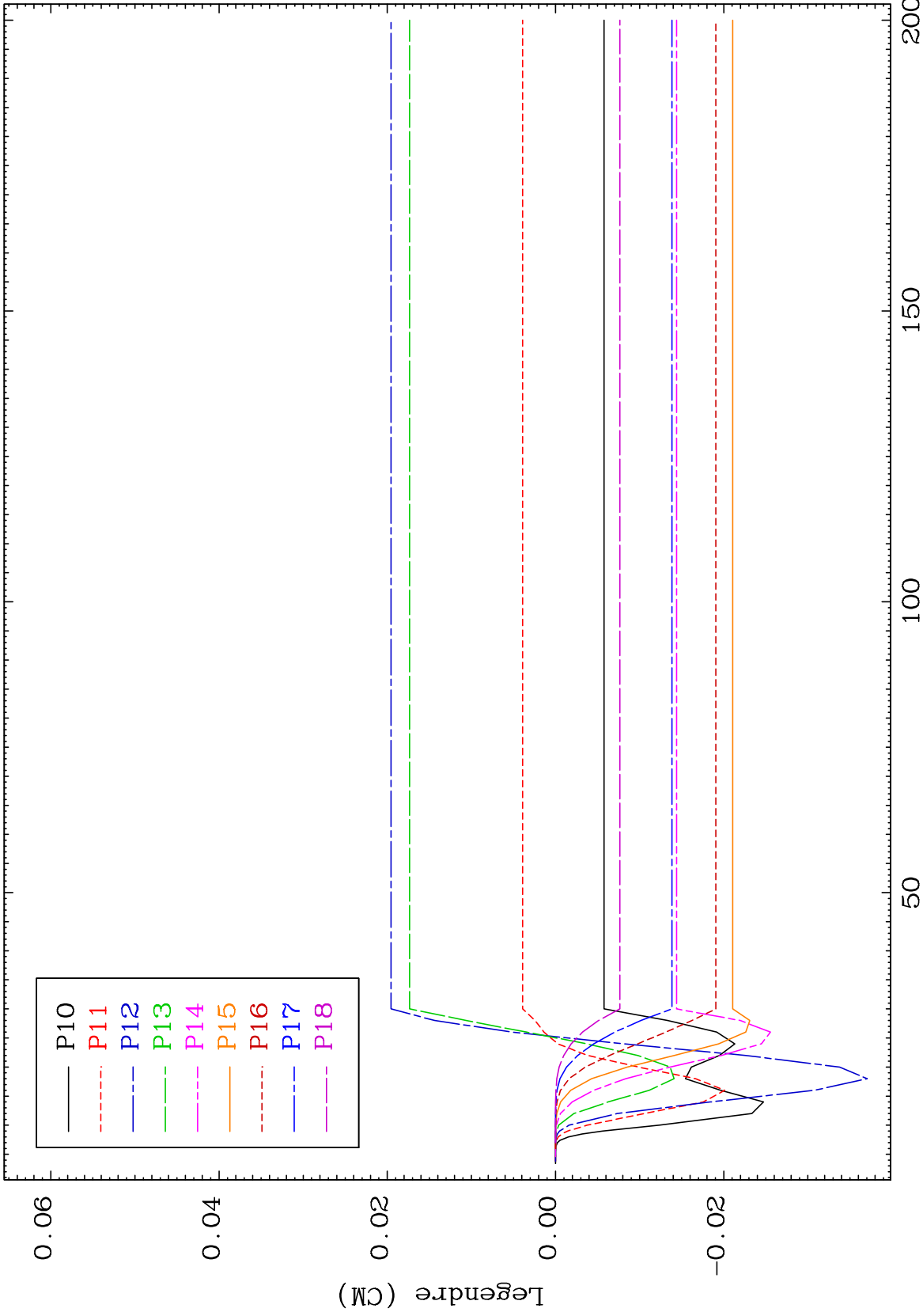
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

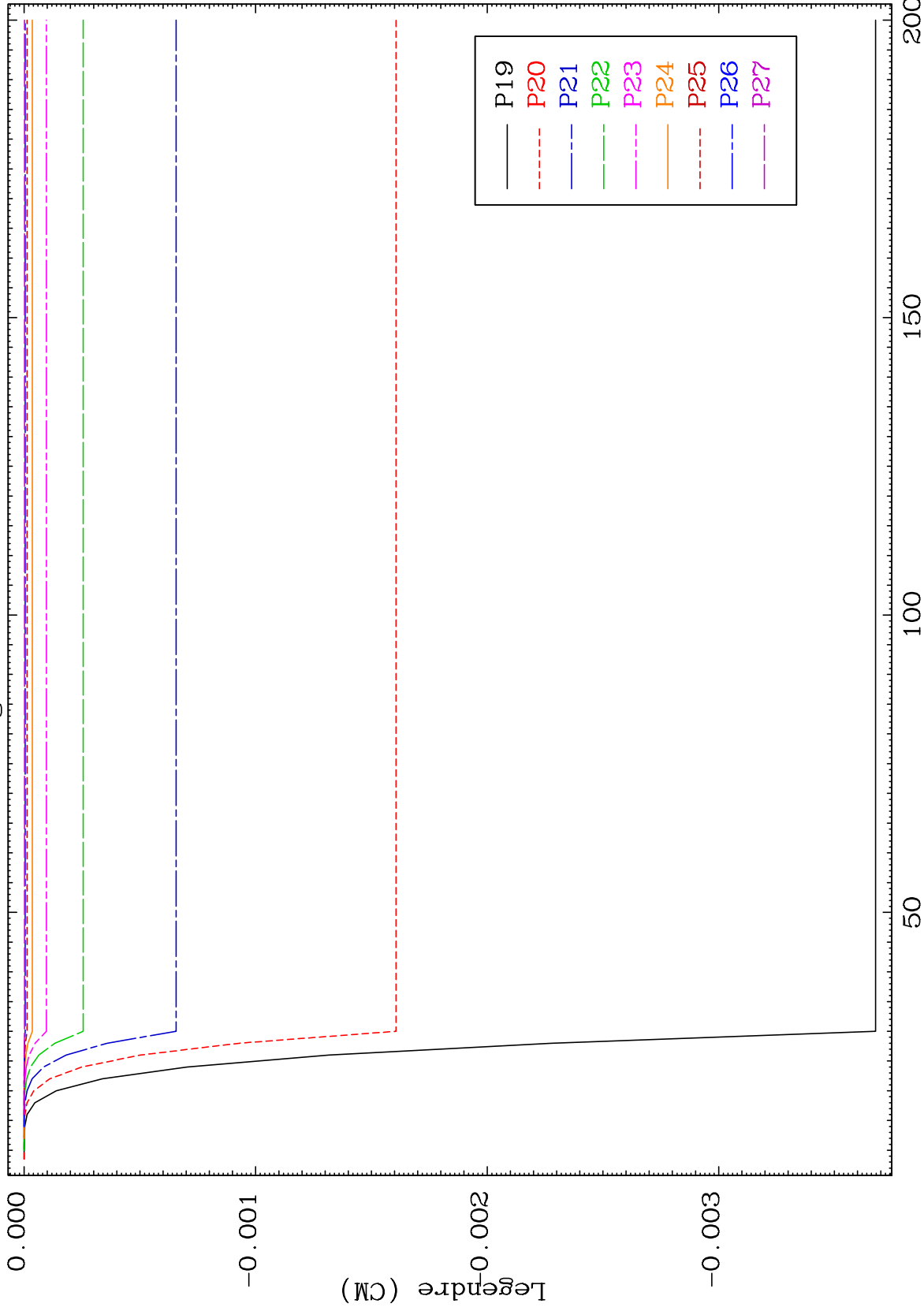
38-Sr-86



45

Incident Energy (MeV)

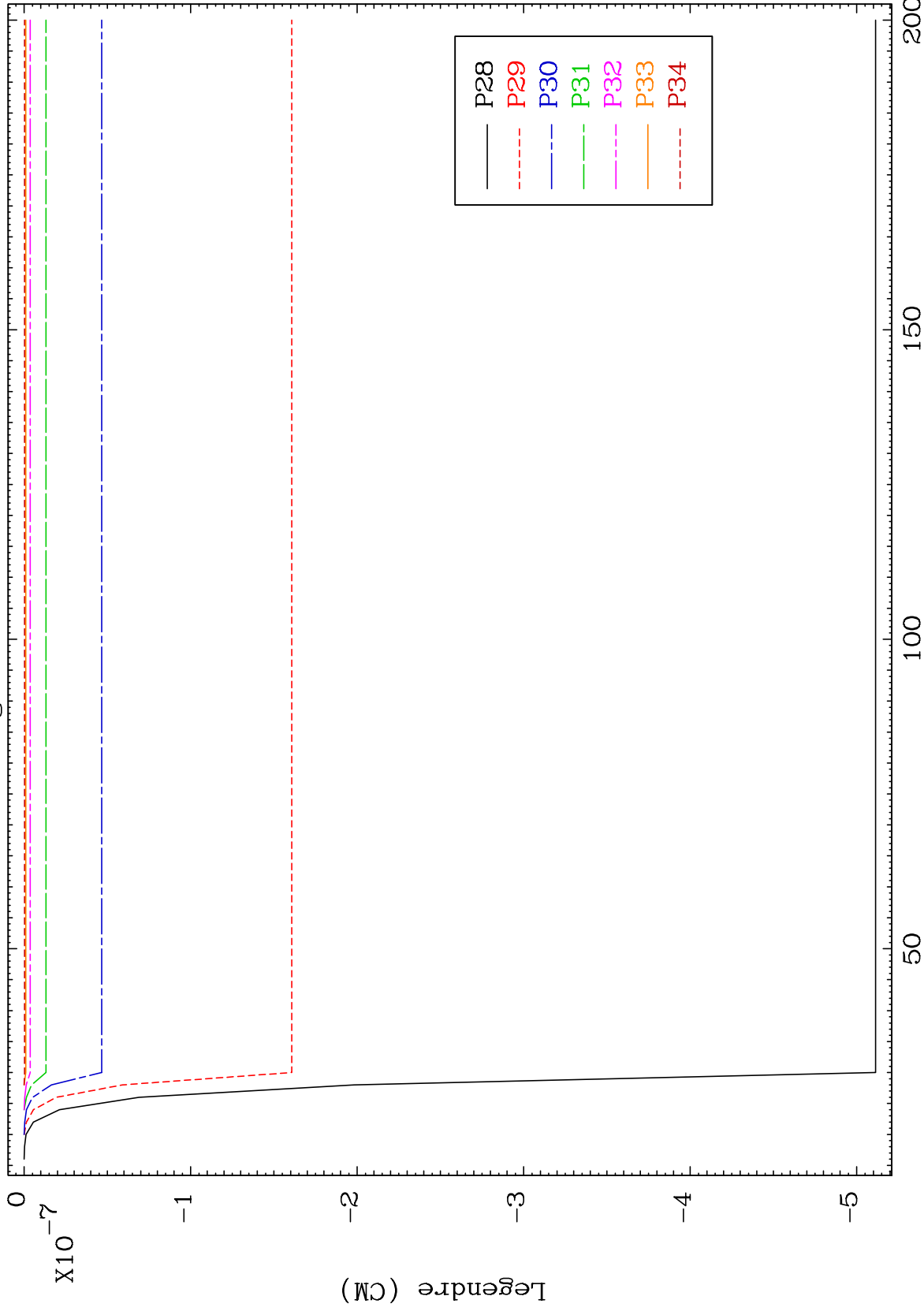
38-Sr-86



MAT 3831

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

38-Sr-86



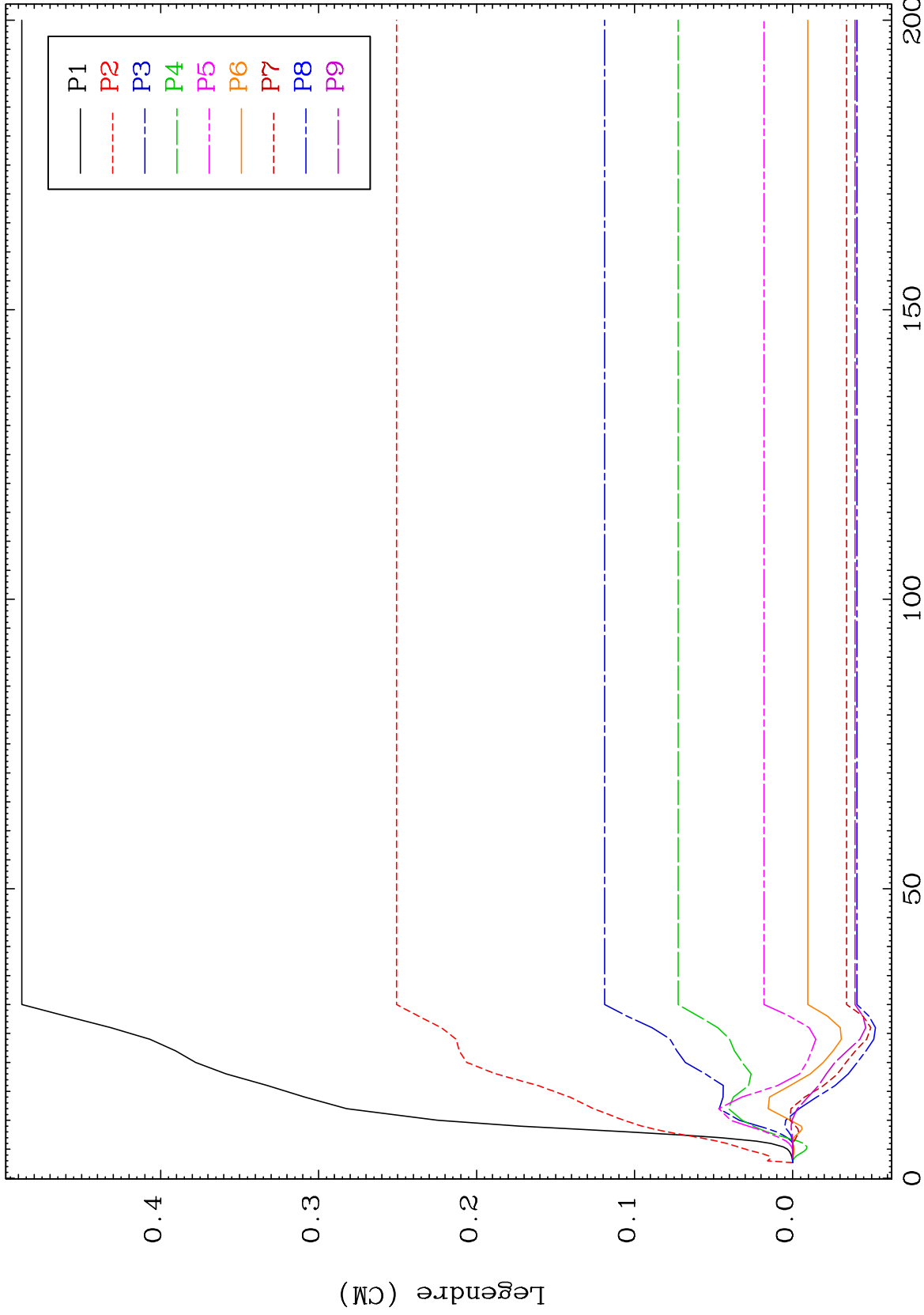
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38-Sr-86

MAT 3831

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

38-Sr-86



48

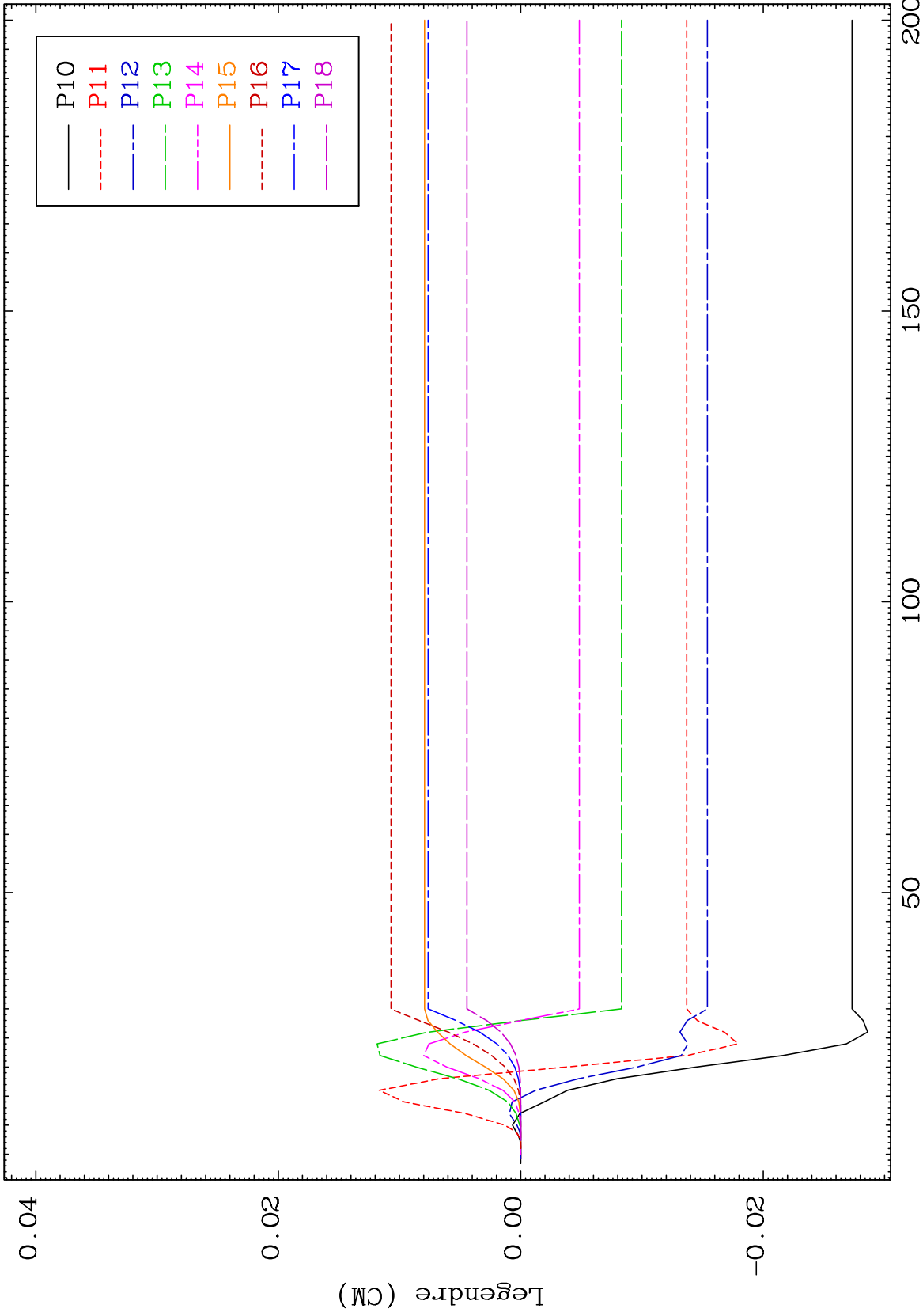
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



49

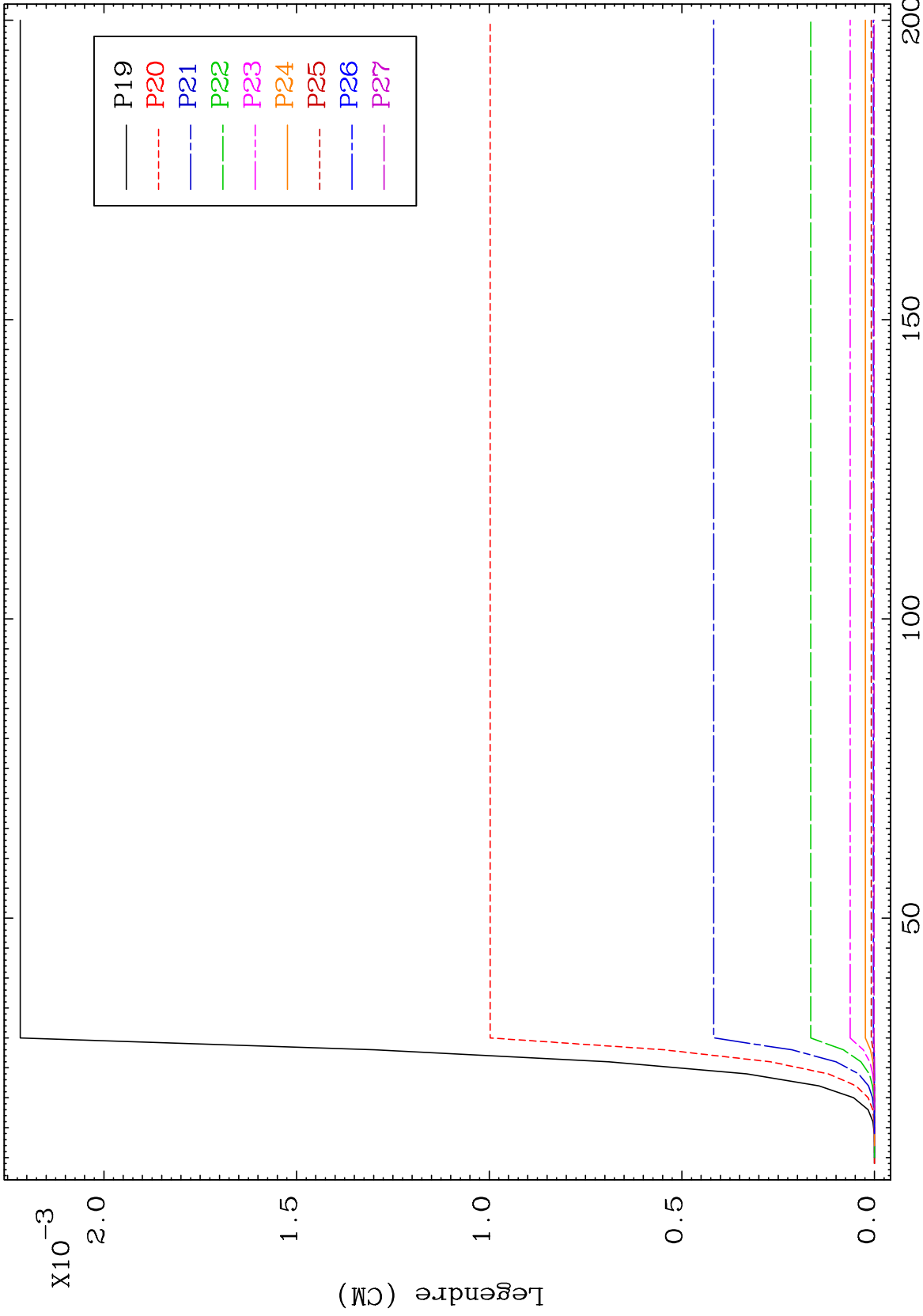
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



50

50

100

Incident Energy (MeV)

150

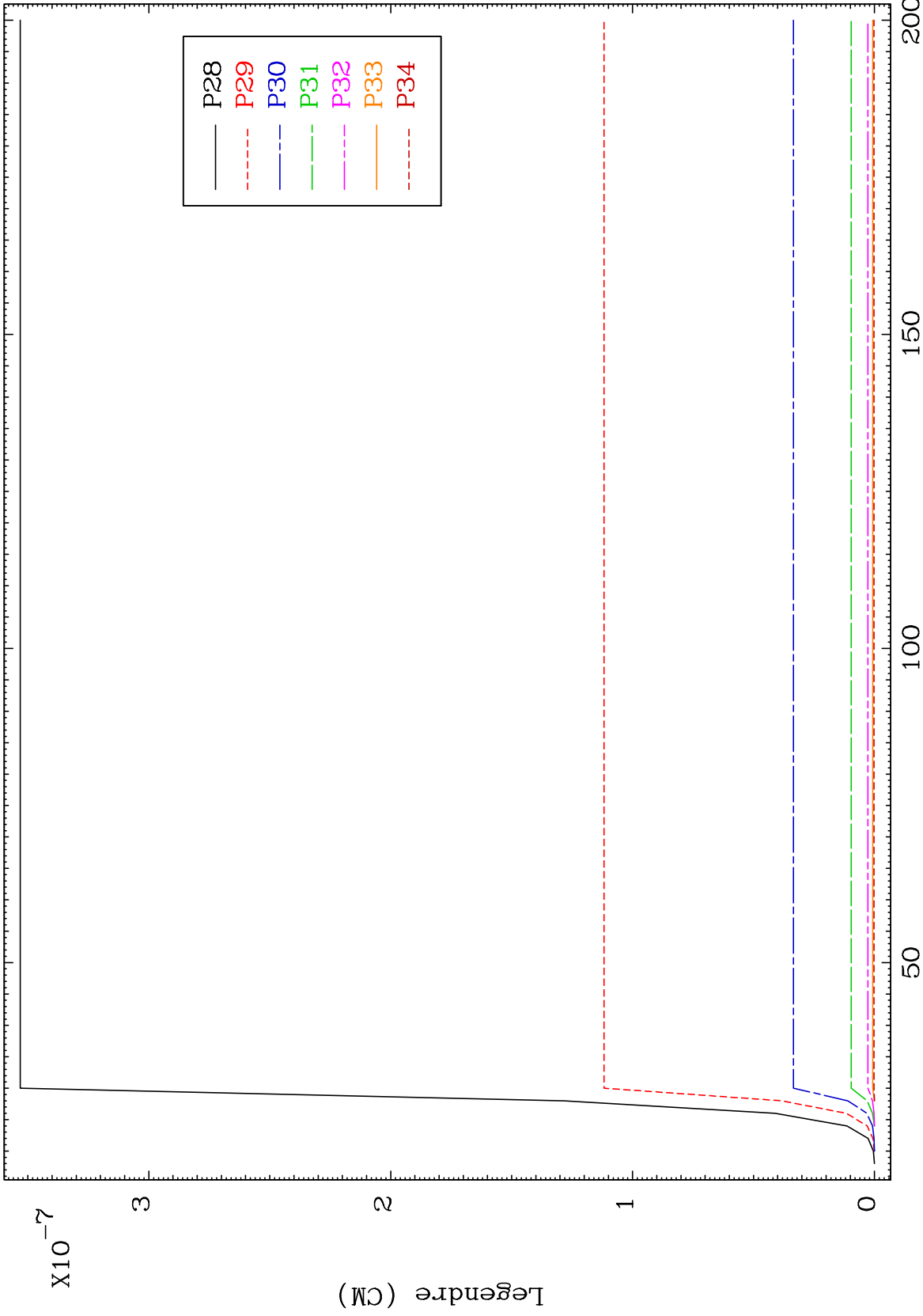
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38-Sr-86

MAT 3831

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

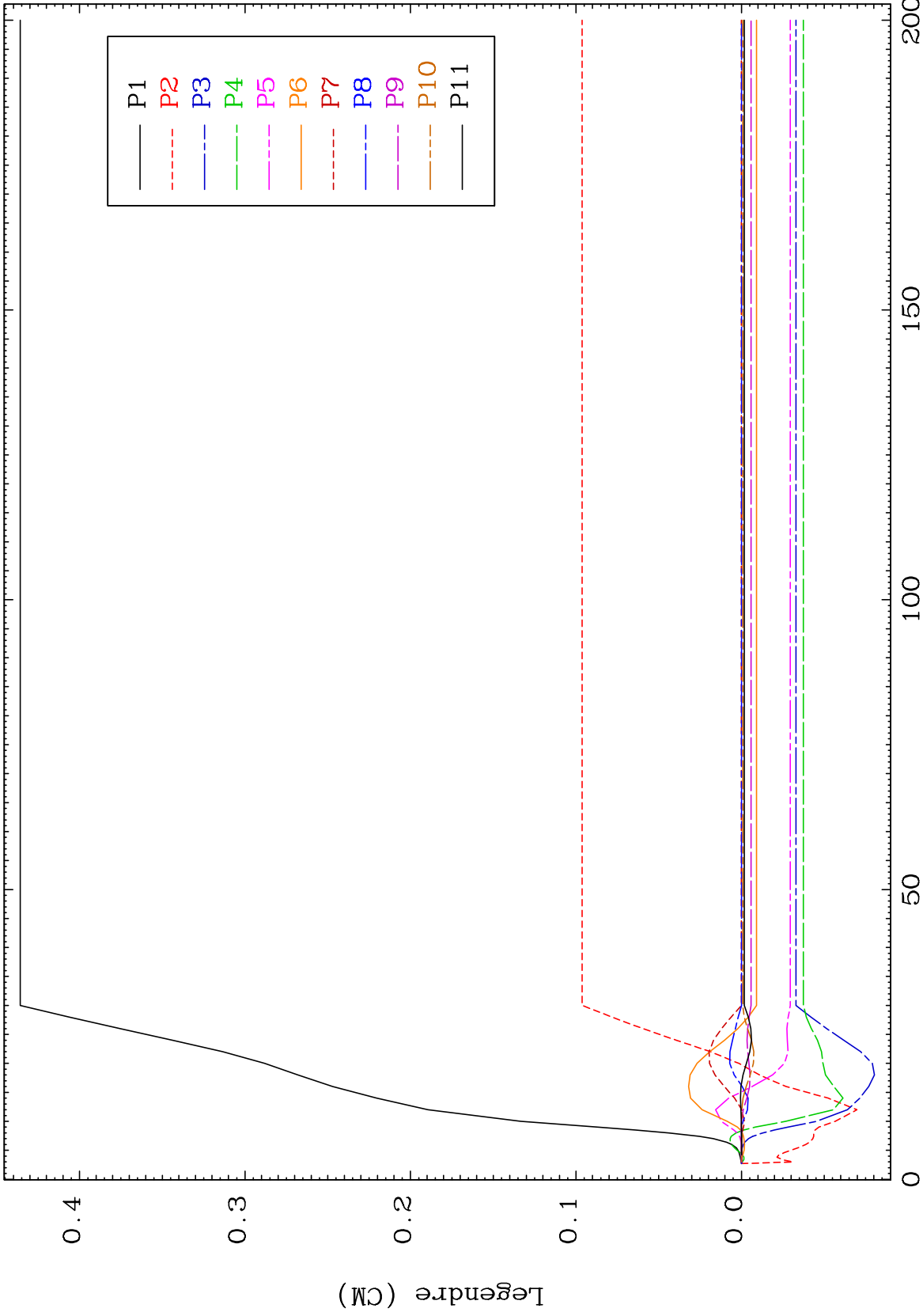
38-Sr-86



MAT 3831

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

38-Sr-86



52

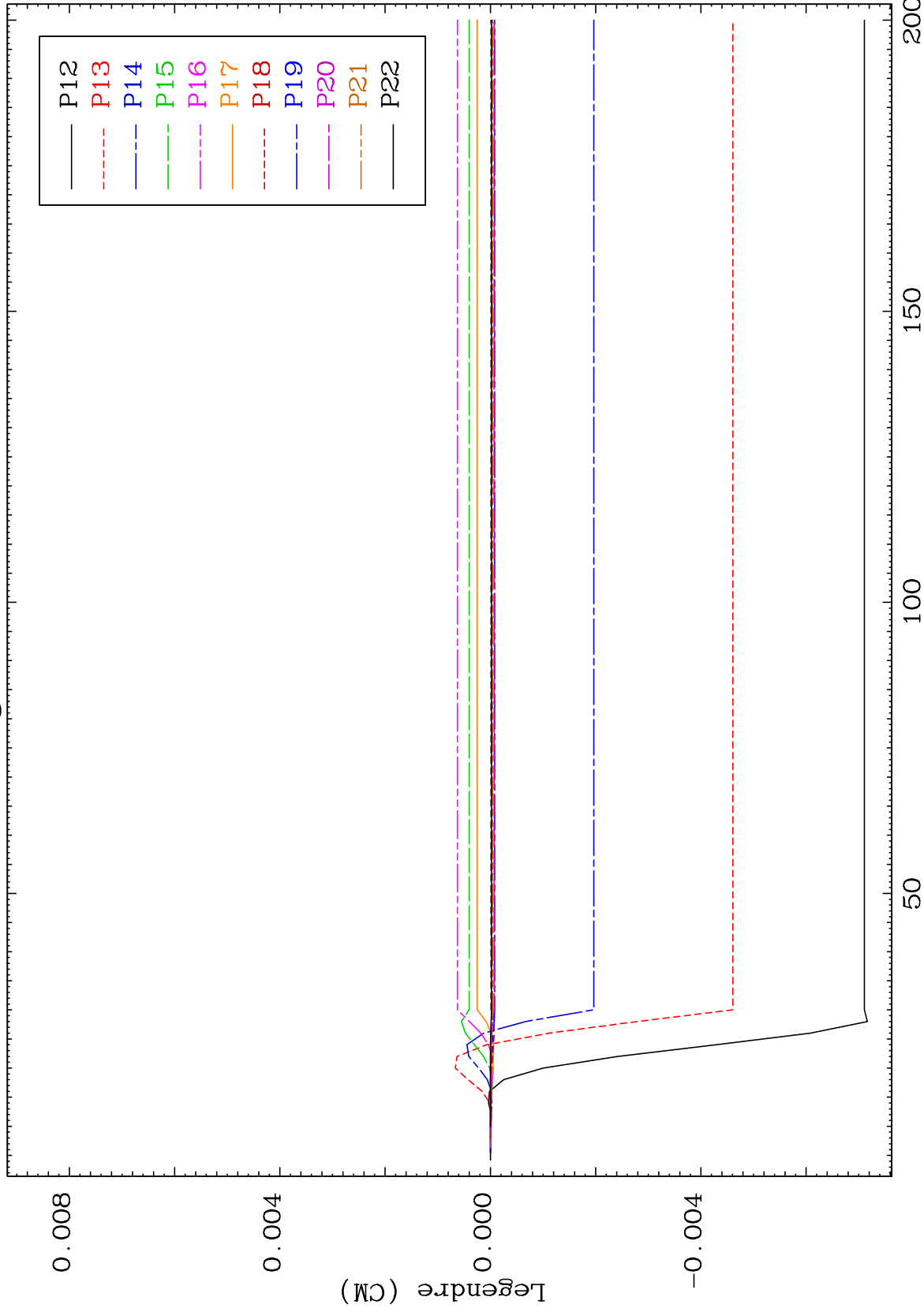
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



53

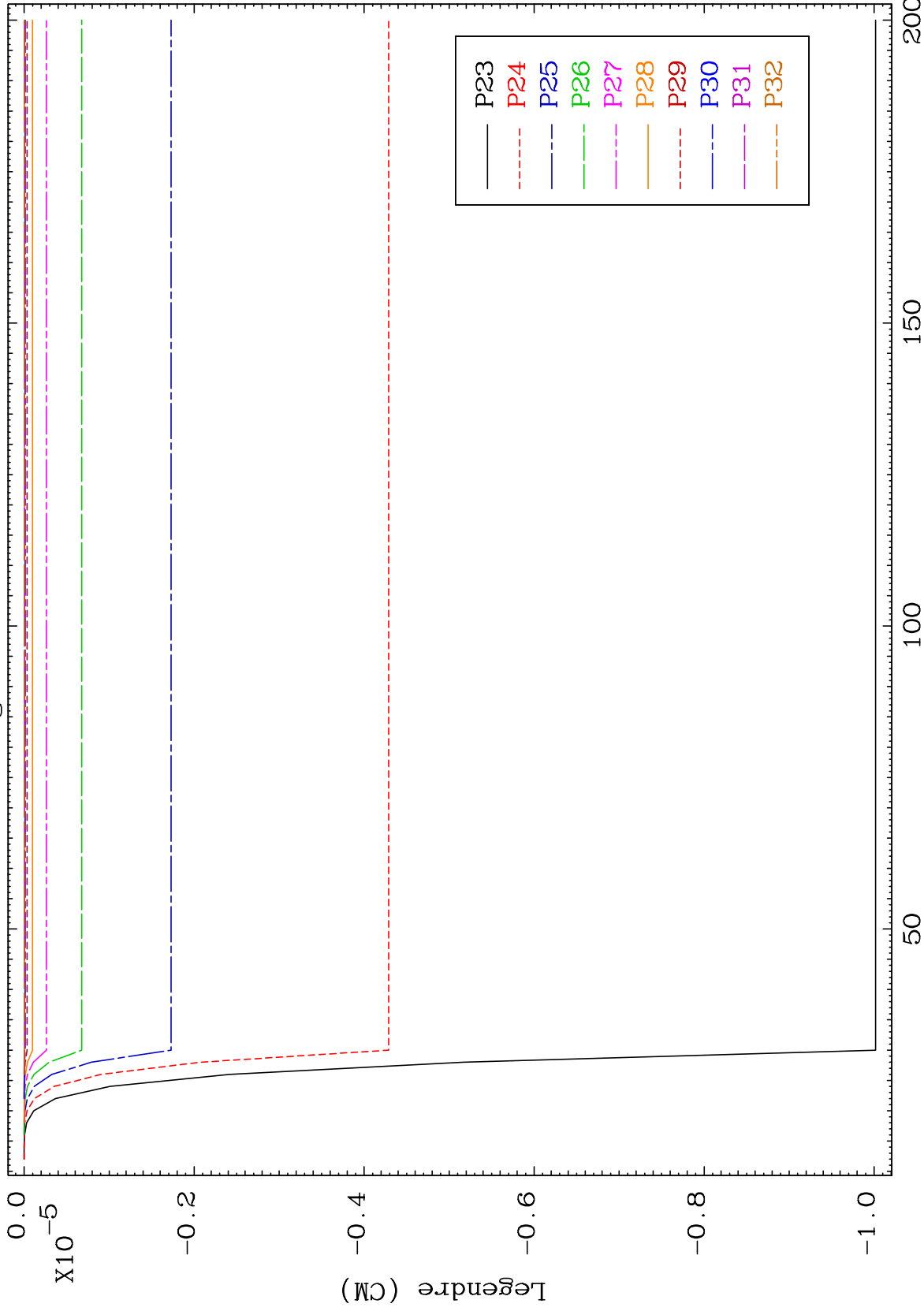
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



54

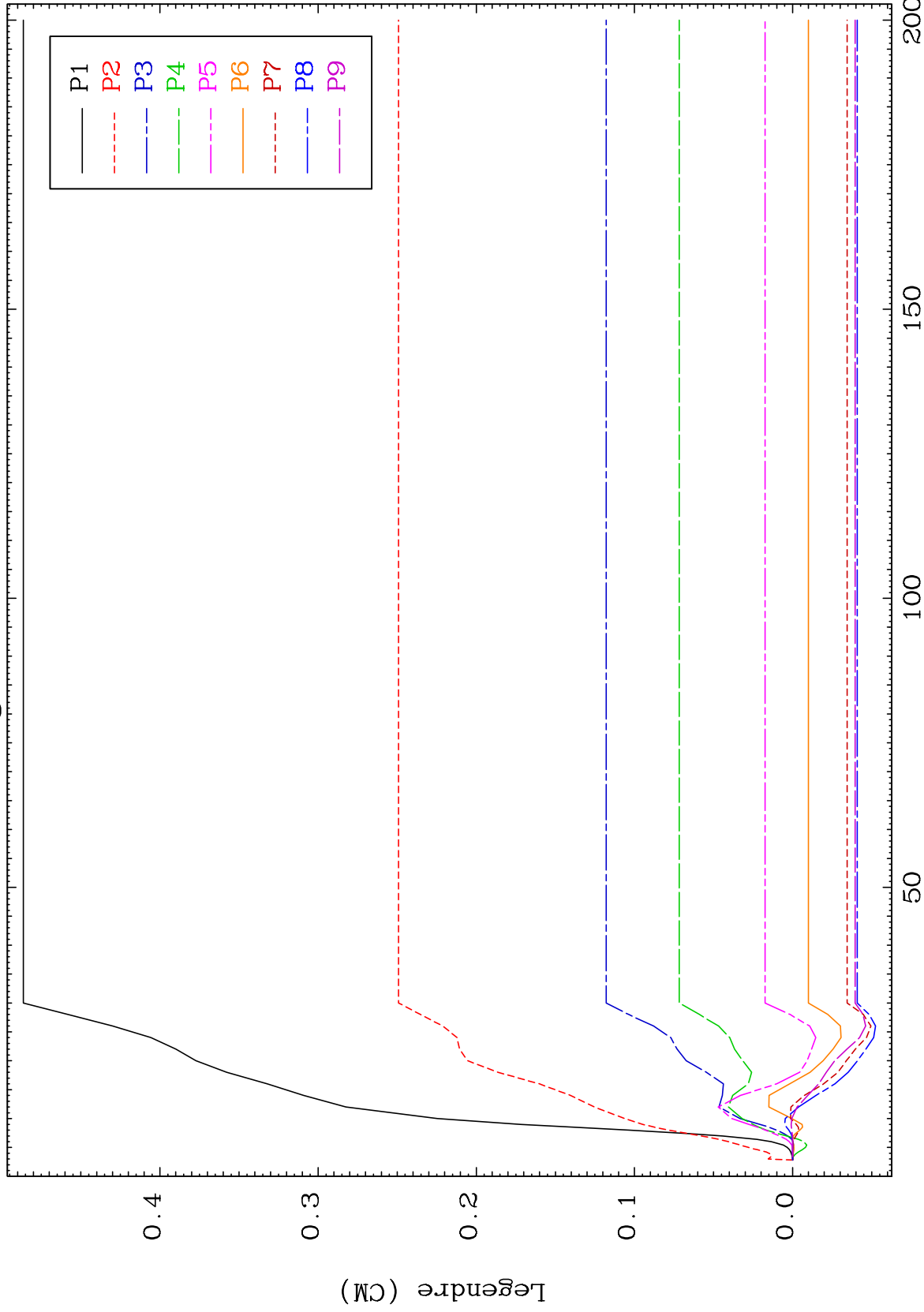
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



55

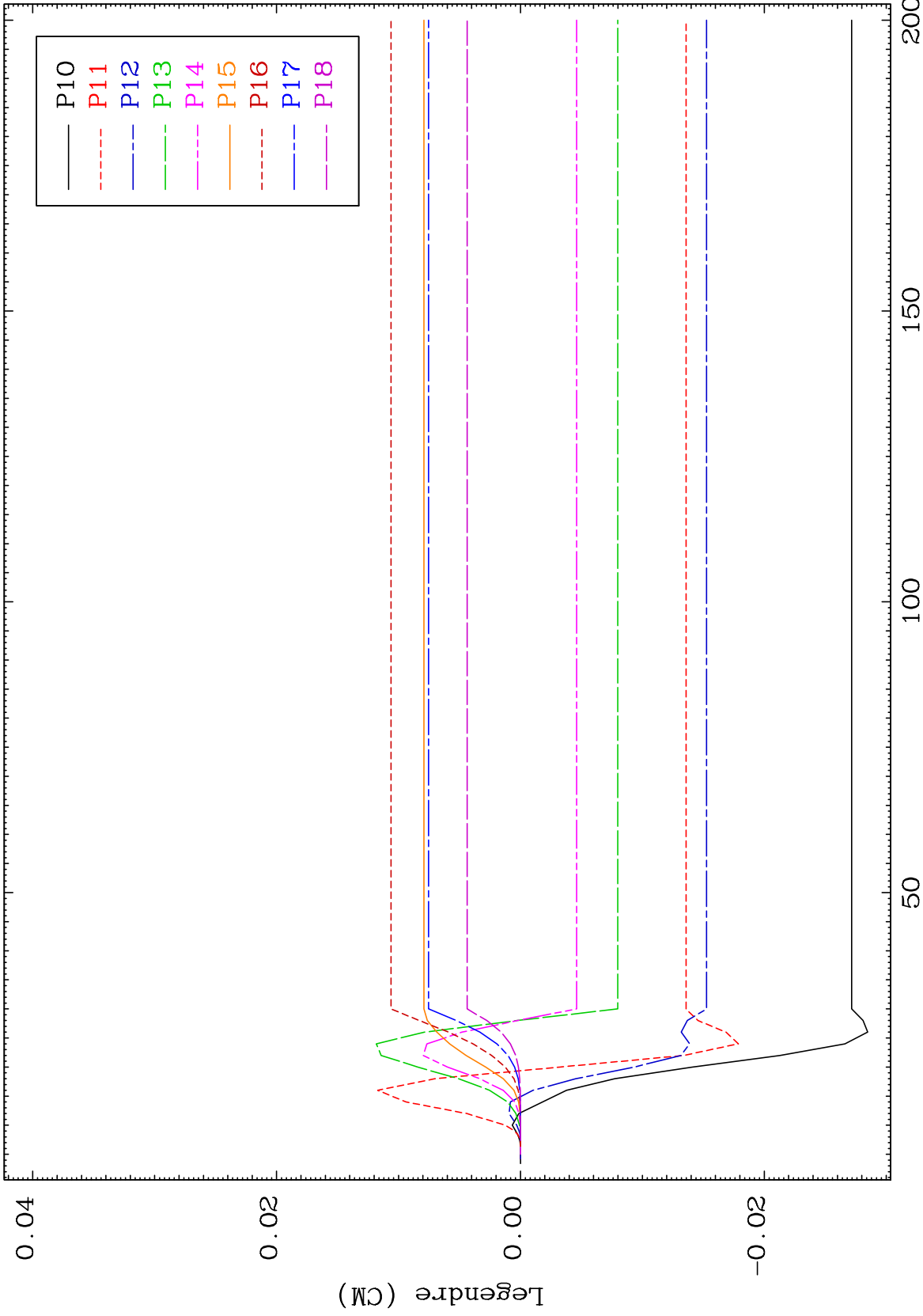
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



56

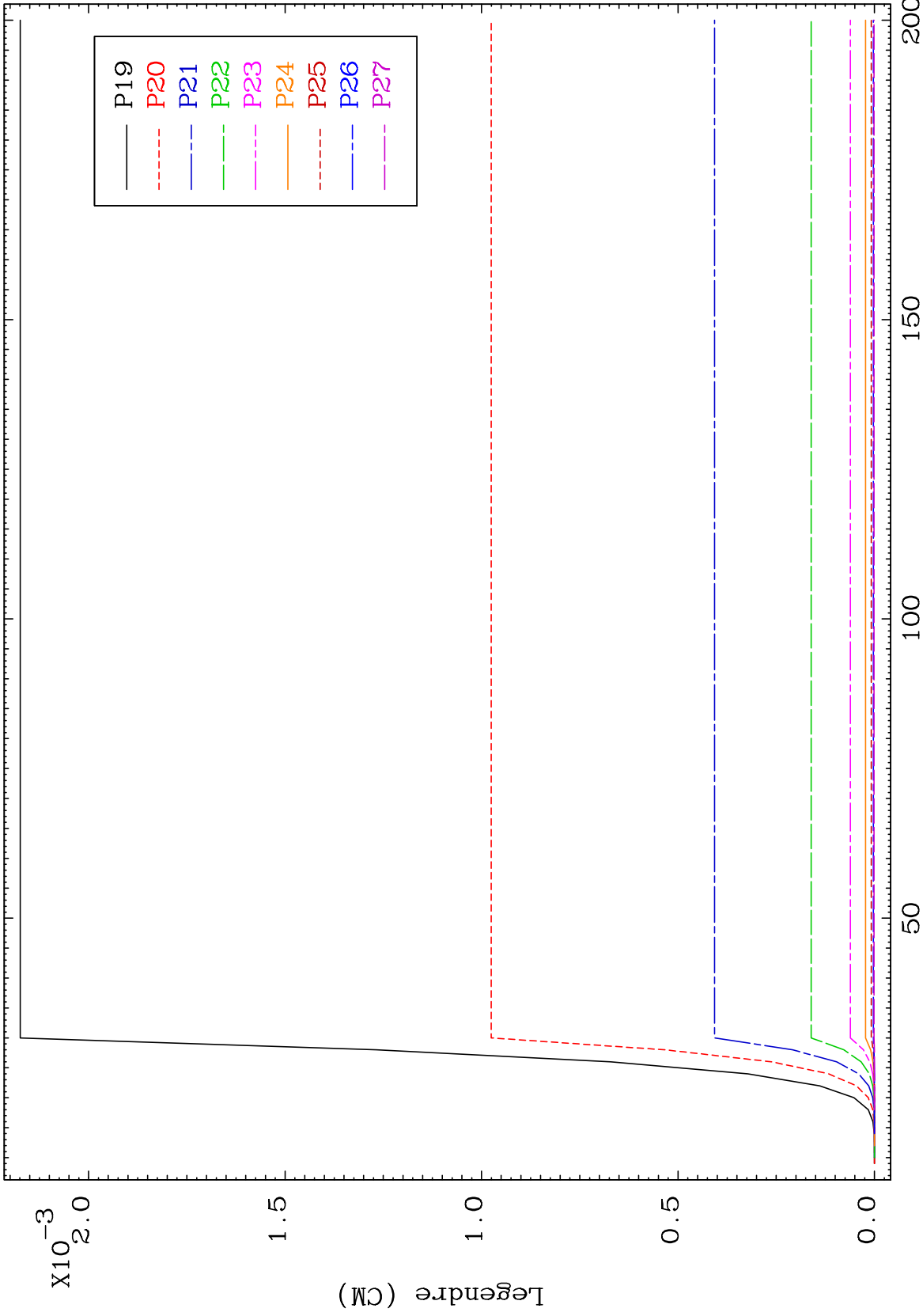
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



57

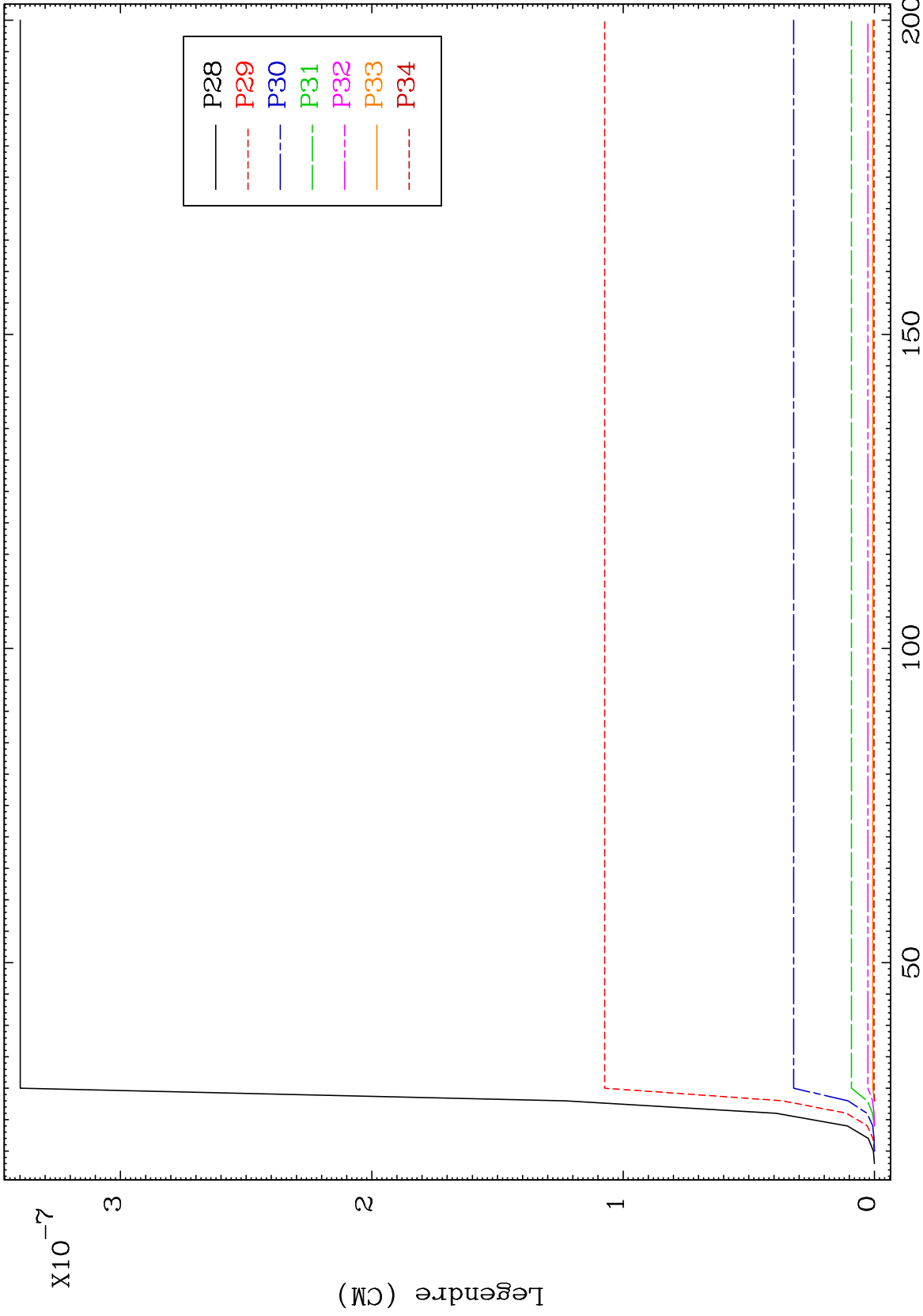
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

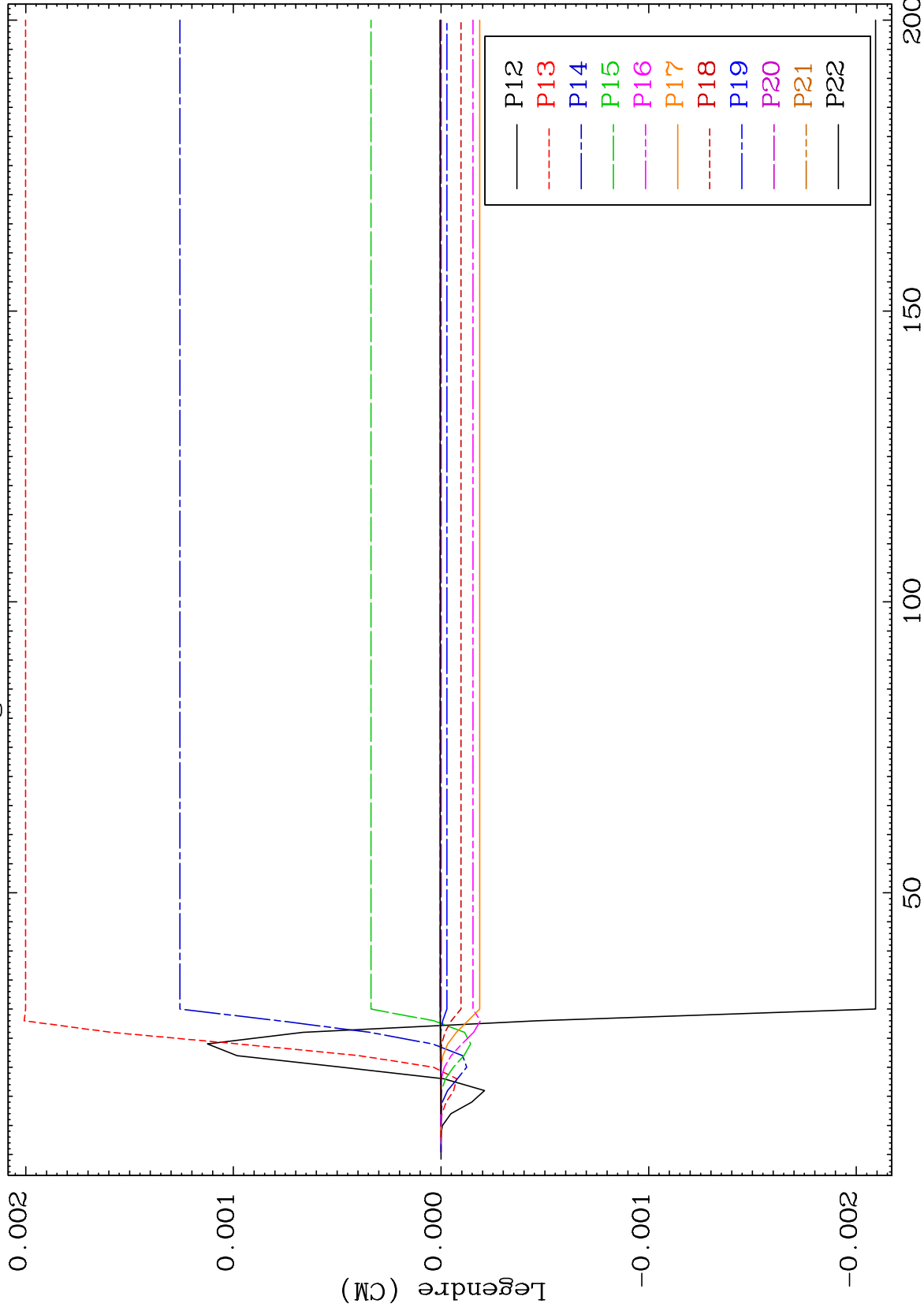
38-Sr-86



MAT 3831

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

38-Sr-86



60

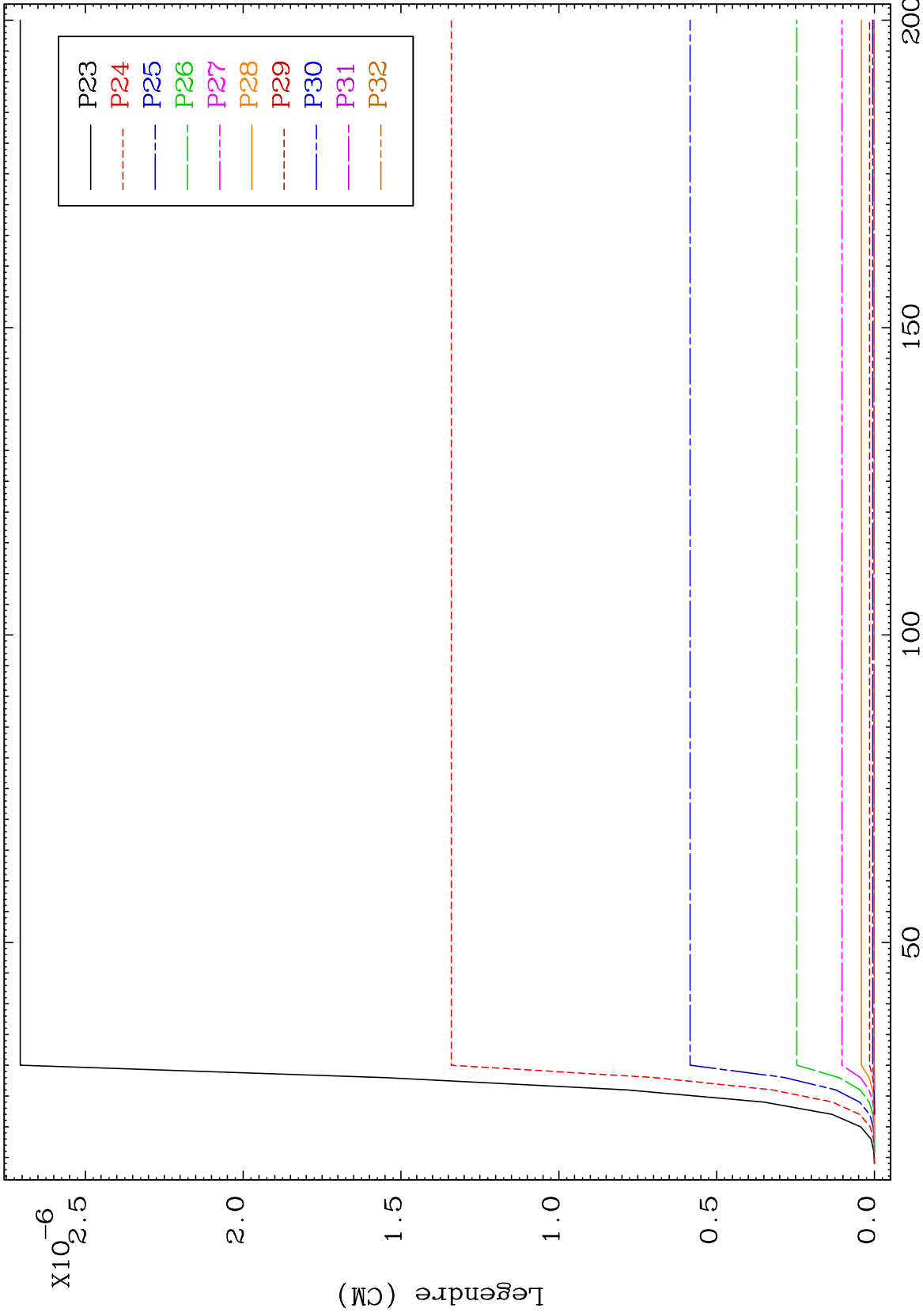
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



61

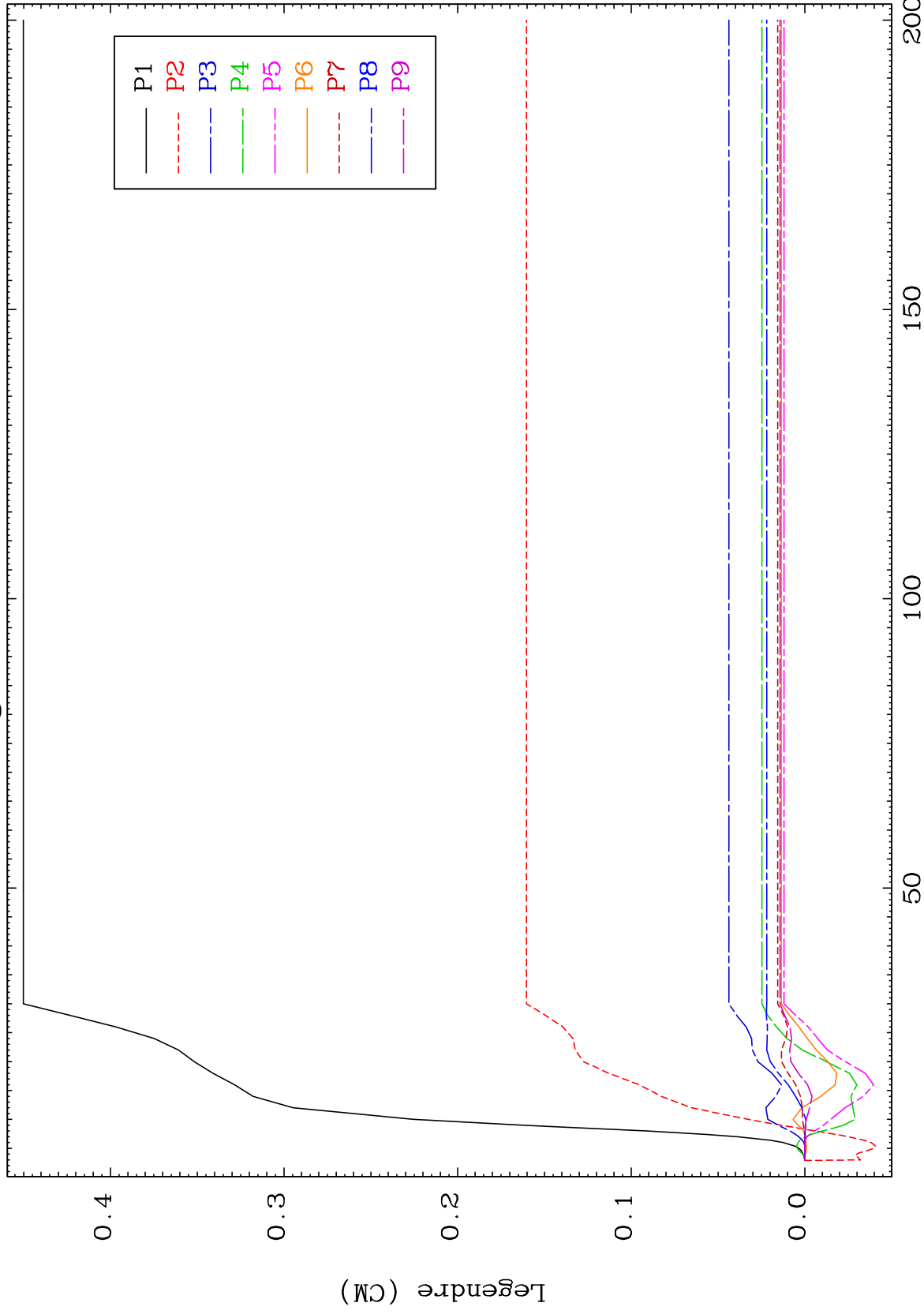
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



62

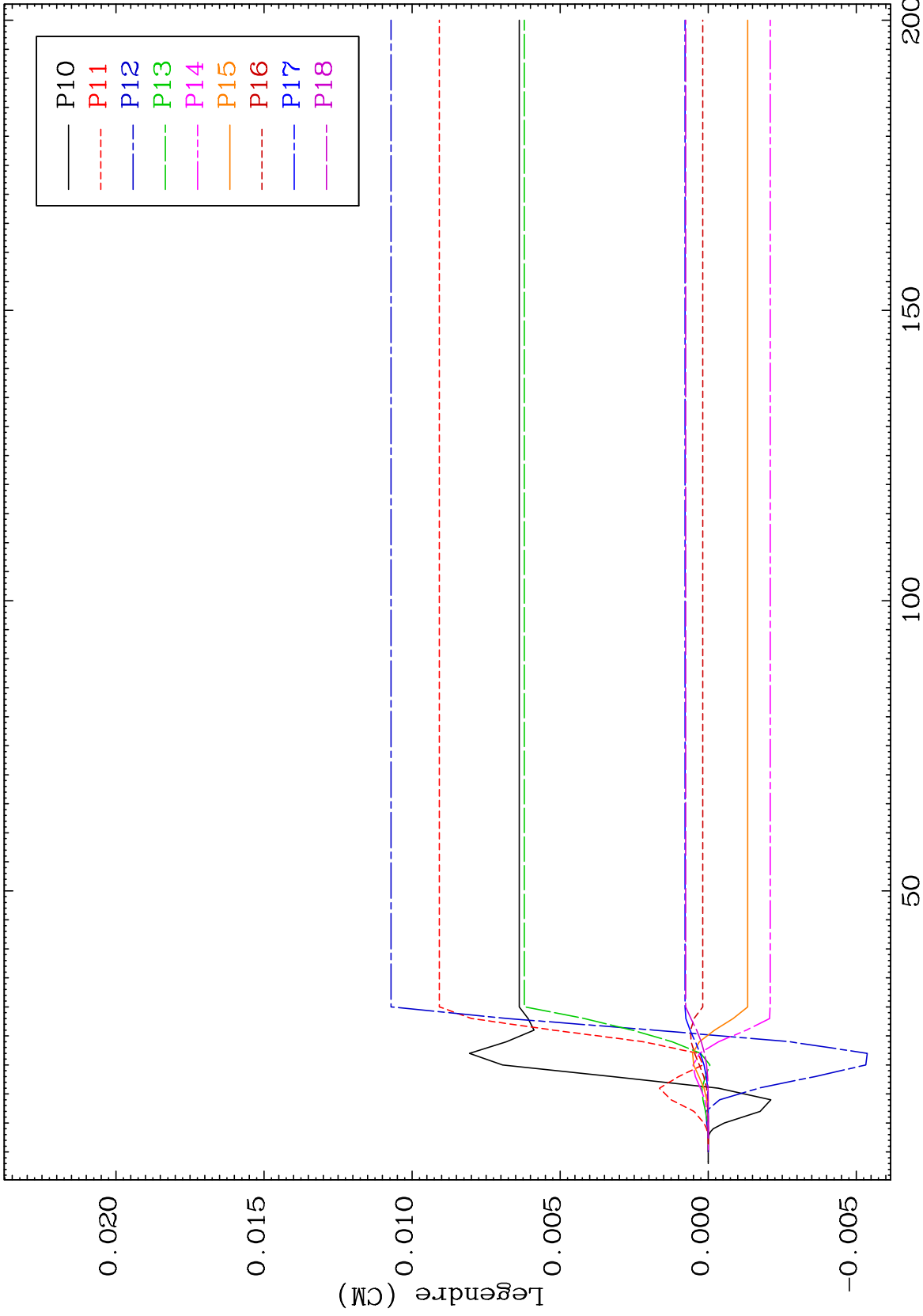
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



63

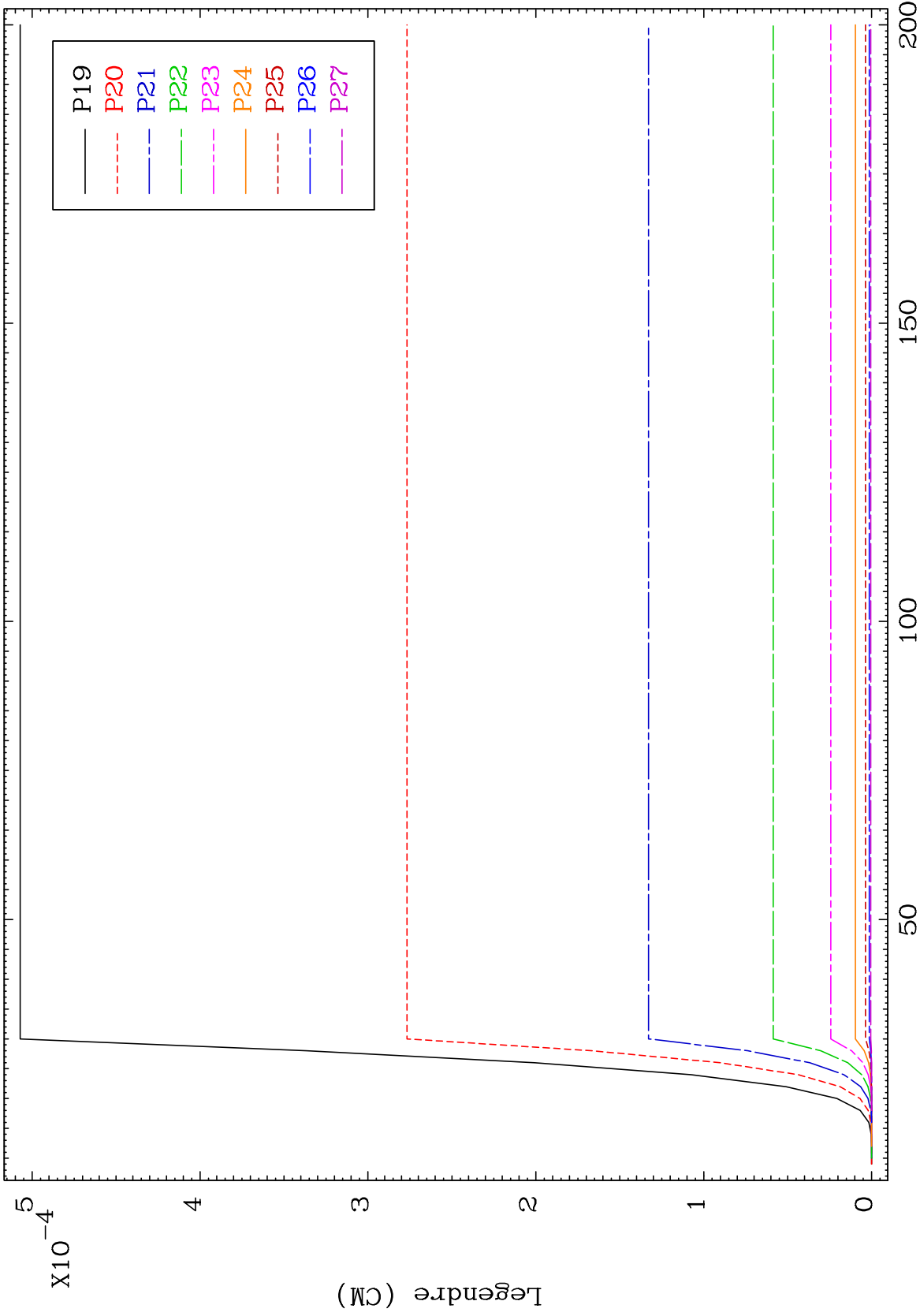
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



64

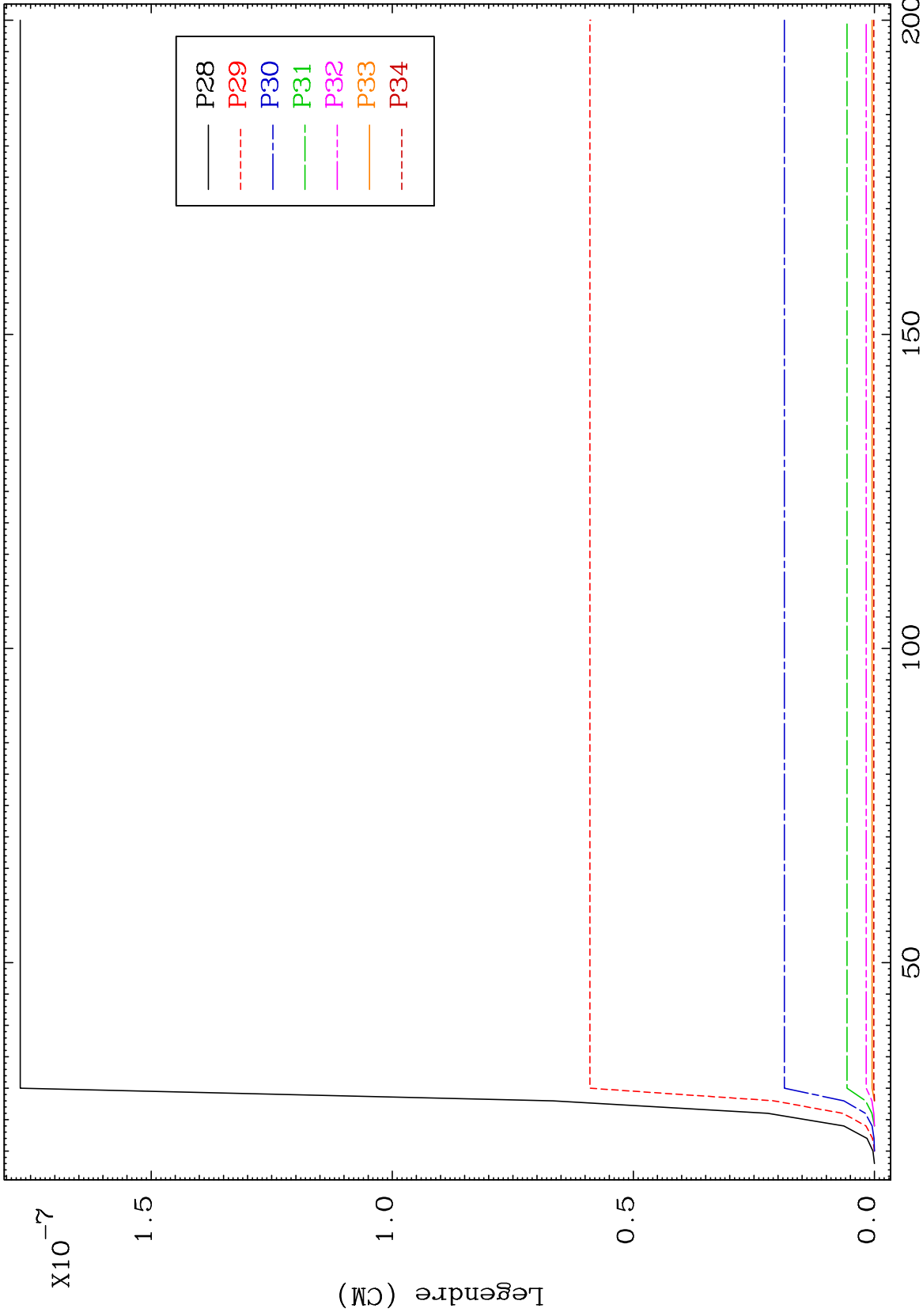
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



65

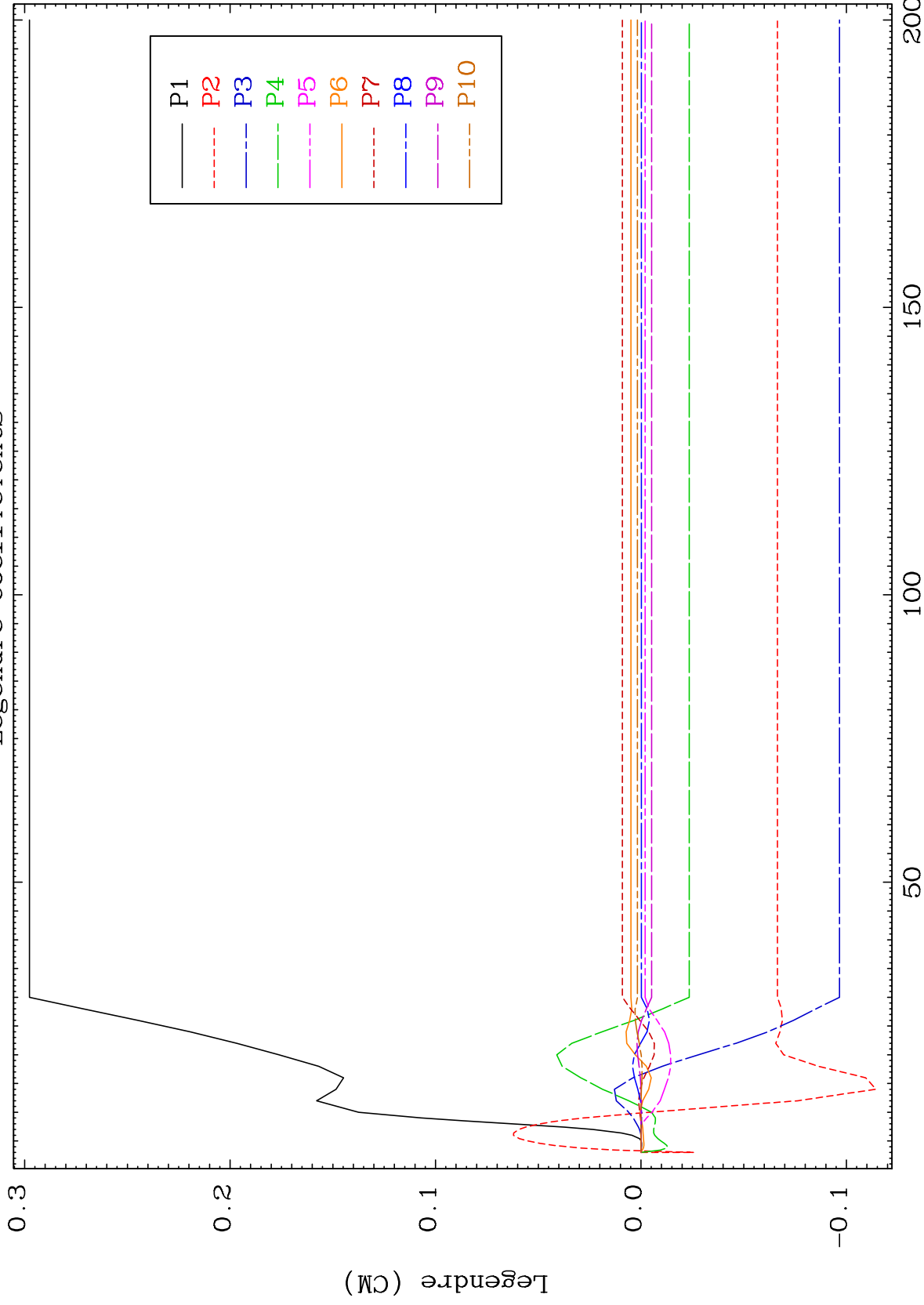
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



66

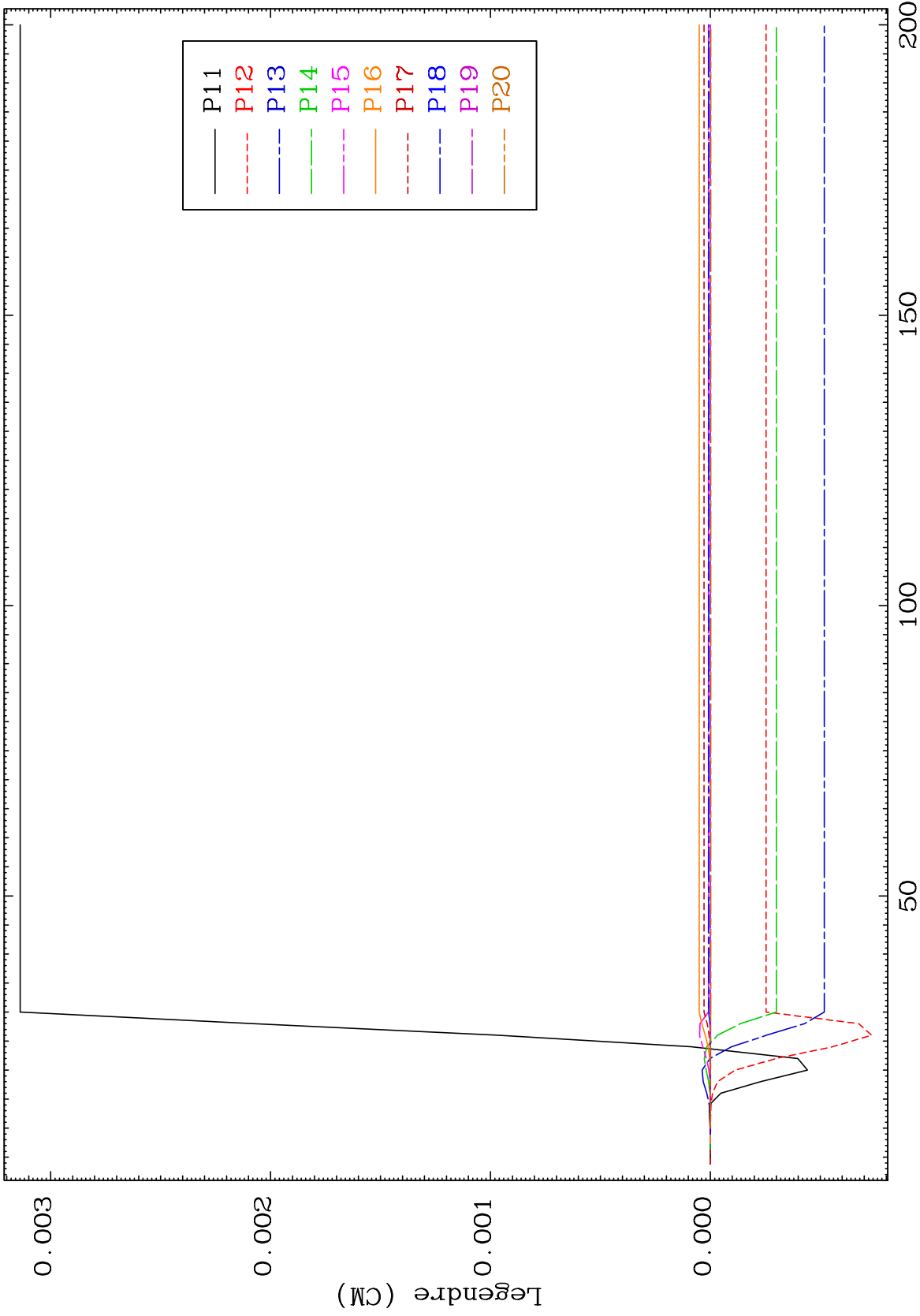
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



67

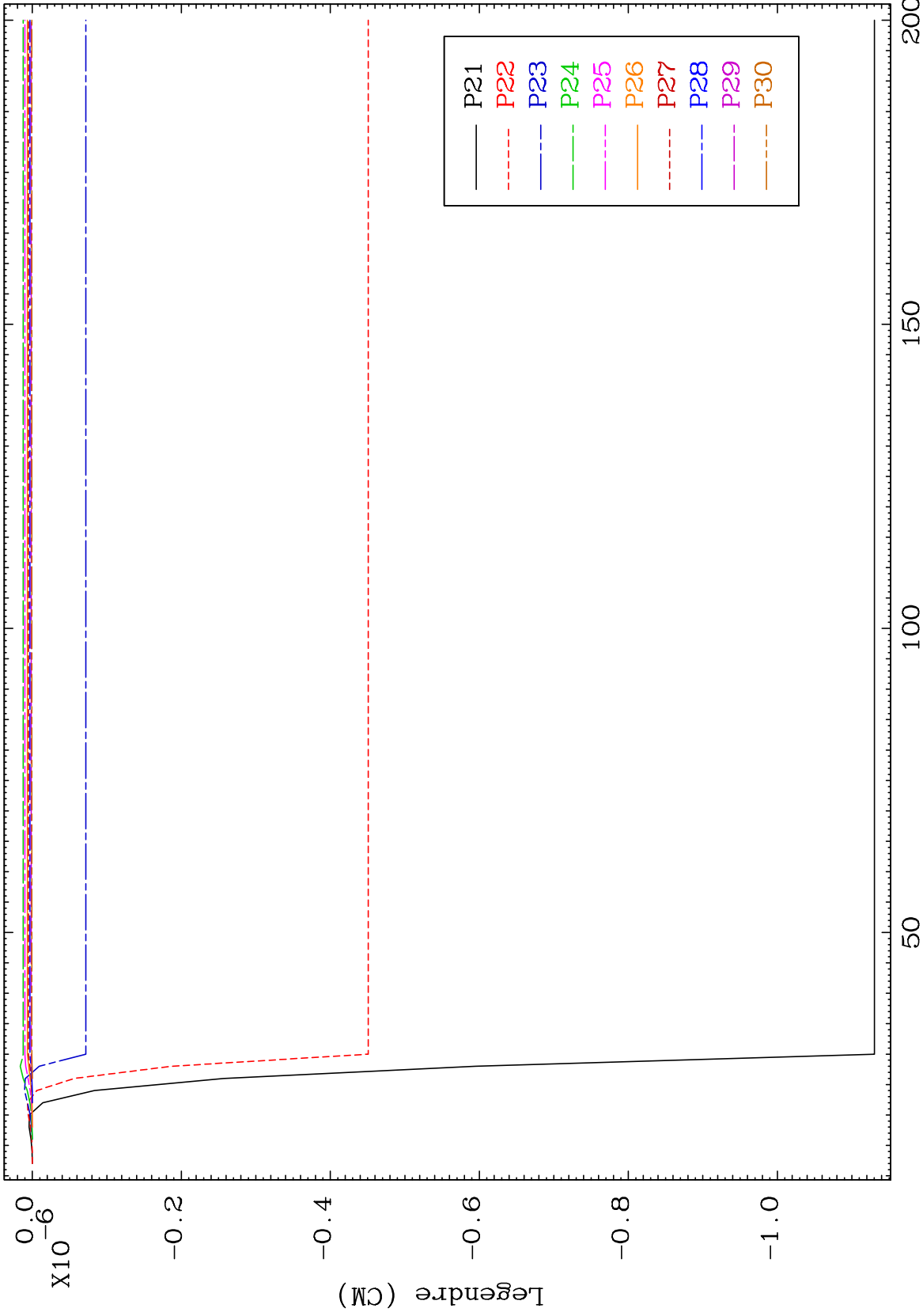
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



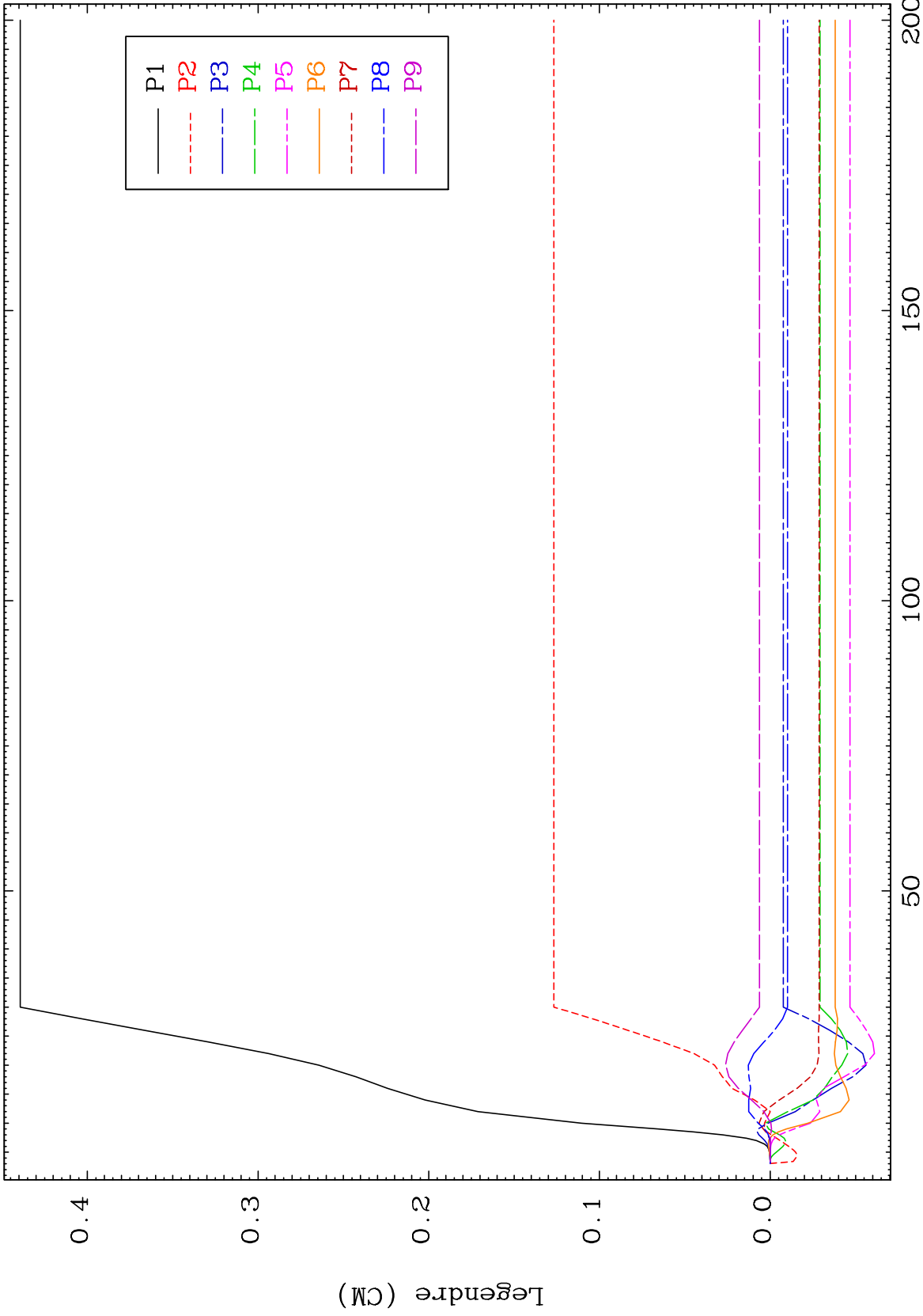
68

38-Sr-86

MAT 3831

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

38-Sr-86



69

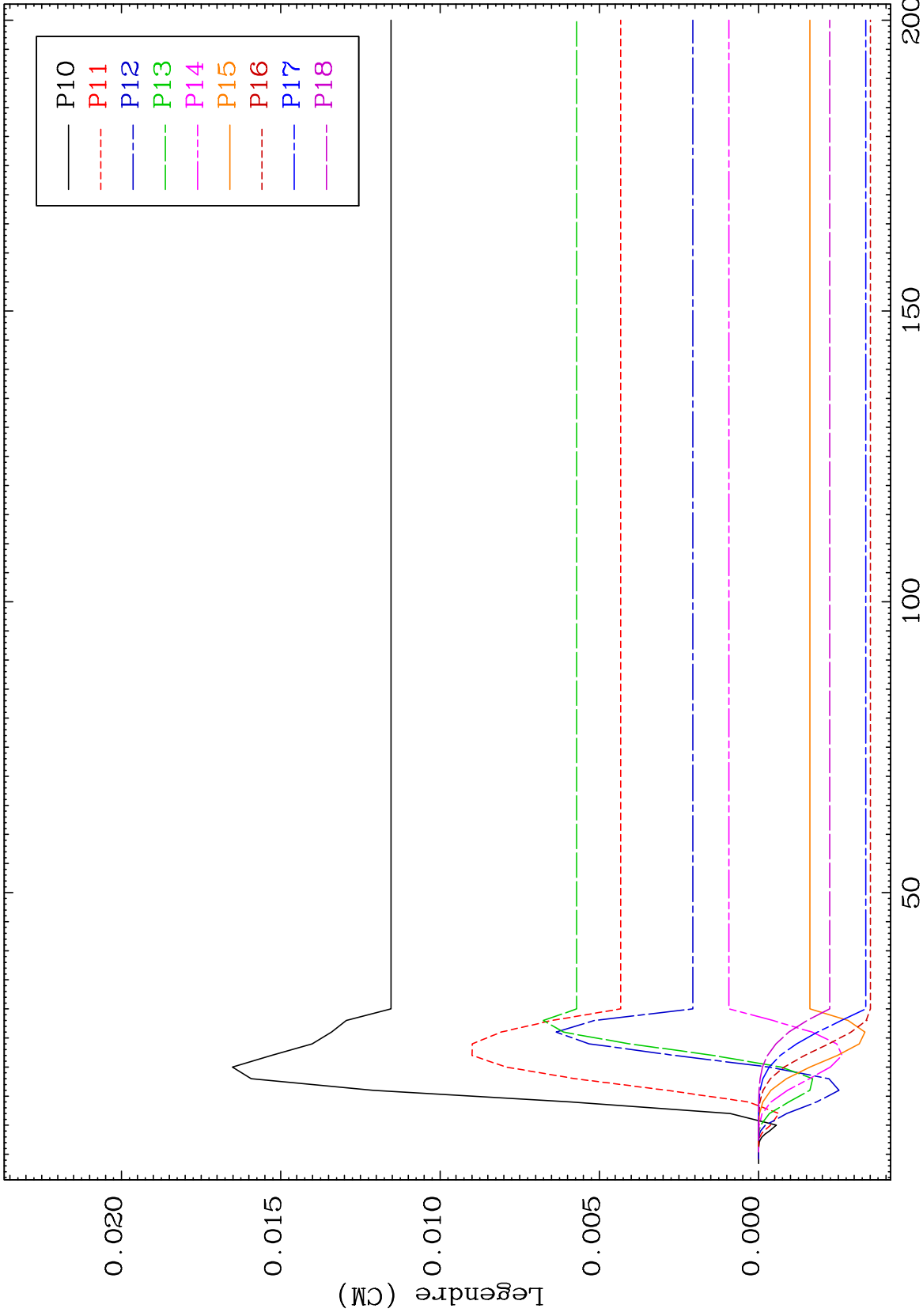
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

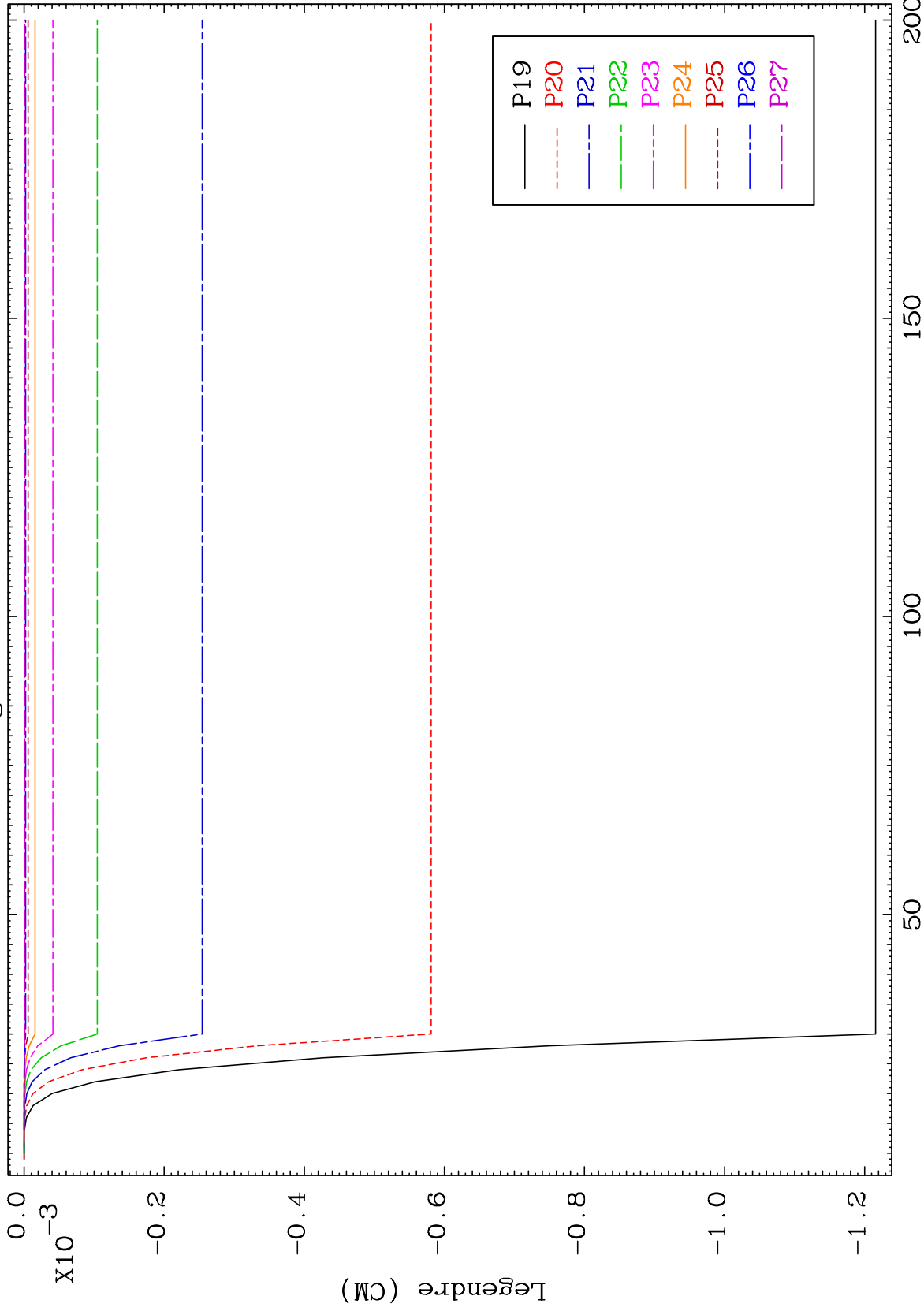
38-Sr-86



70

Incident Energy (MeV)

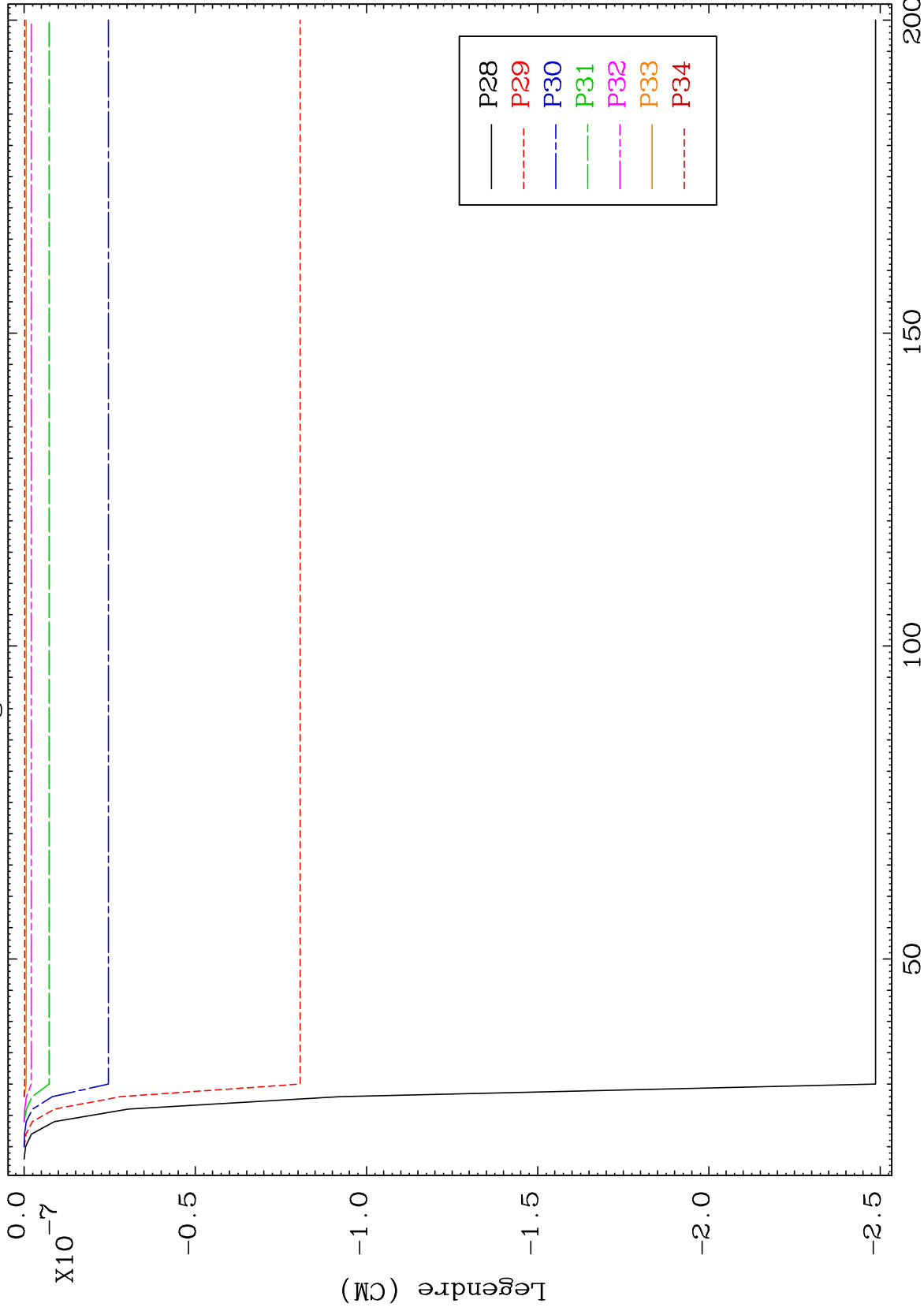
38-Sr-86



MAT 3831

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

38-Sr-86



72

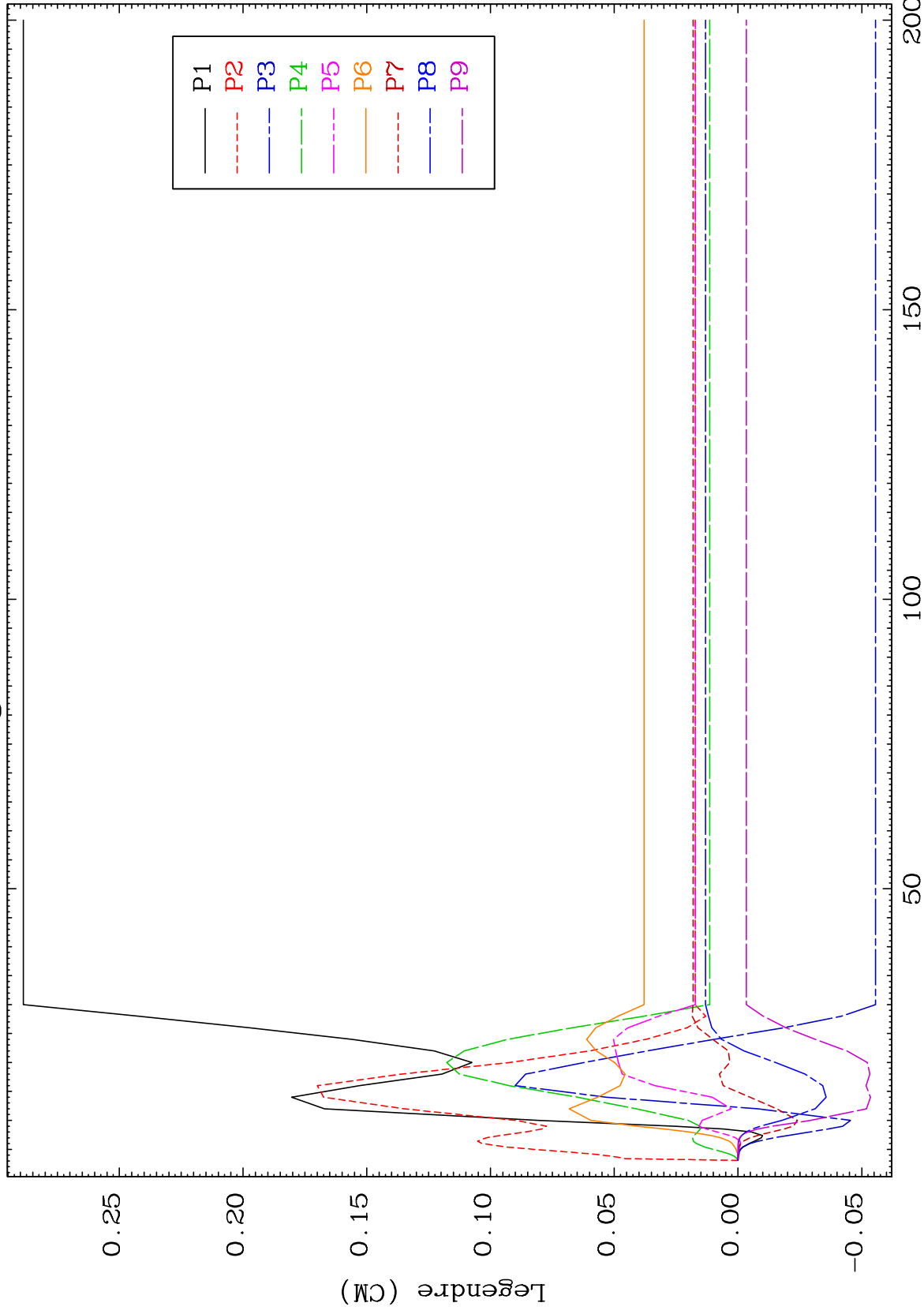
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



73

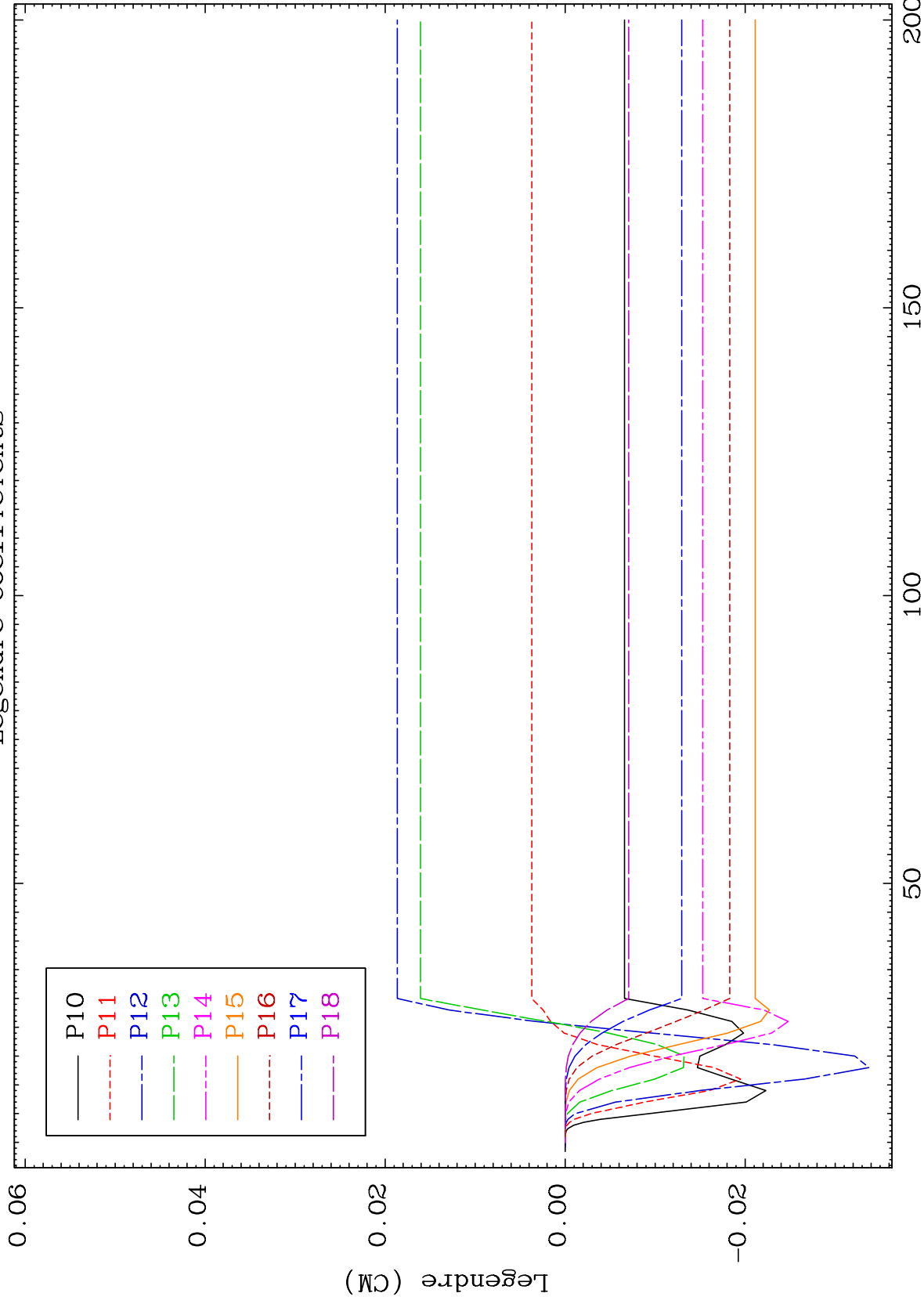
Incident Energy (MeV)

38-Sr-86

MAT 3831

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

38-Sr-86



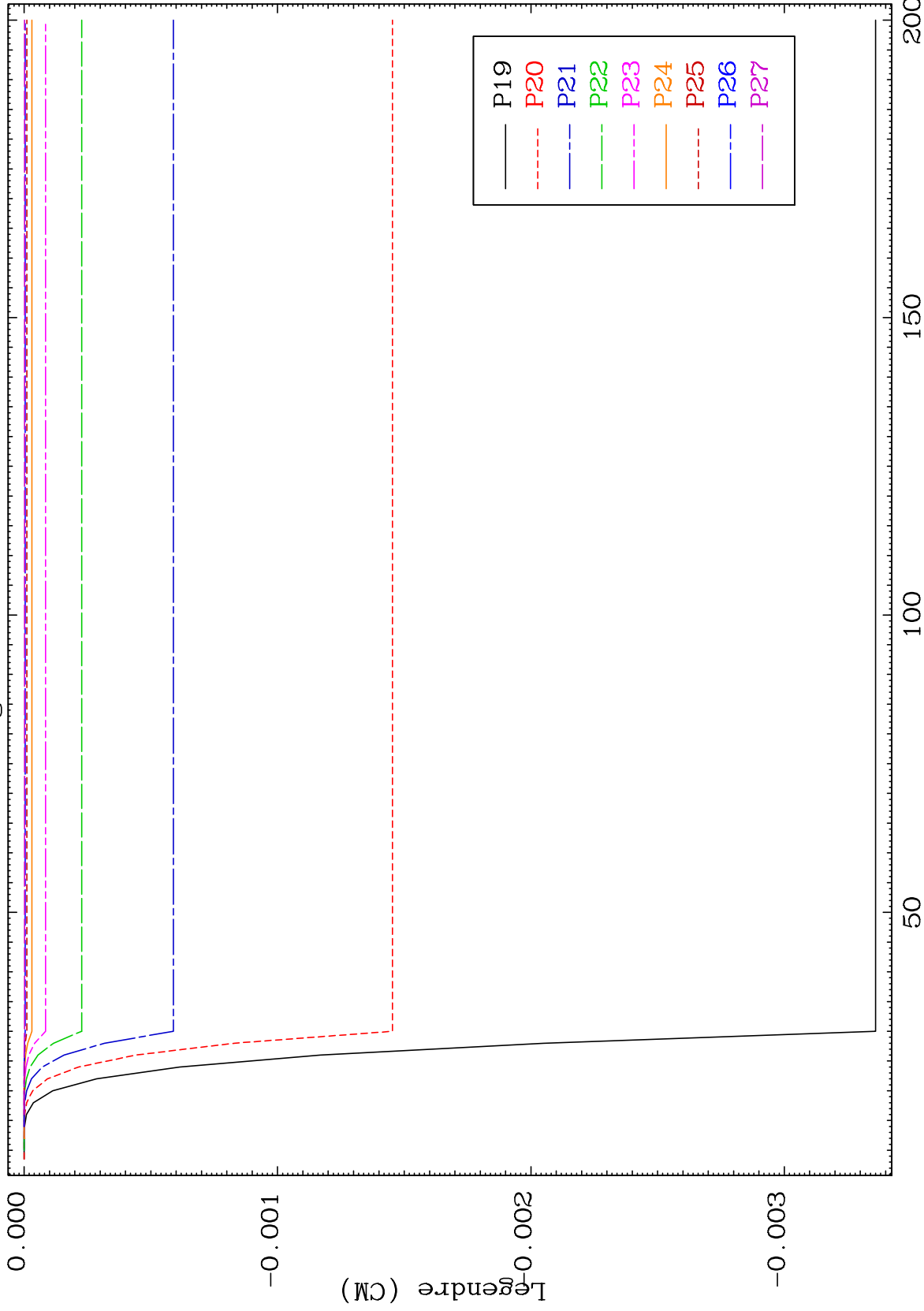
74

38-Sr-86

MAT 3831

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

38-Sr-86



38-Sr-86

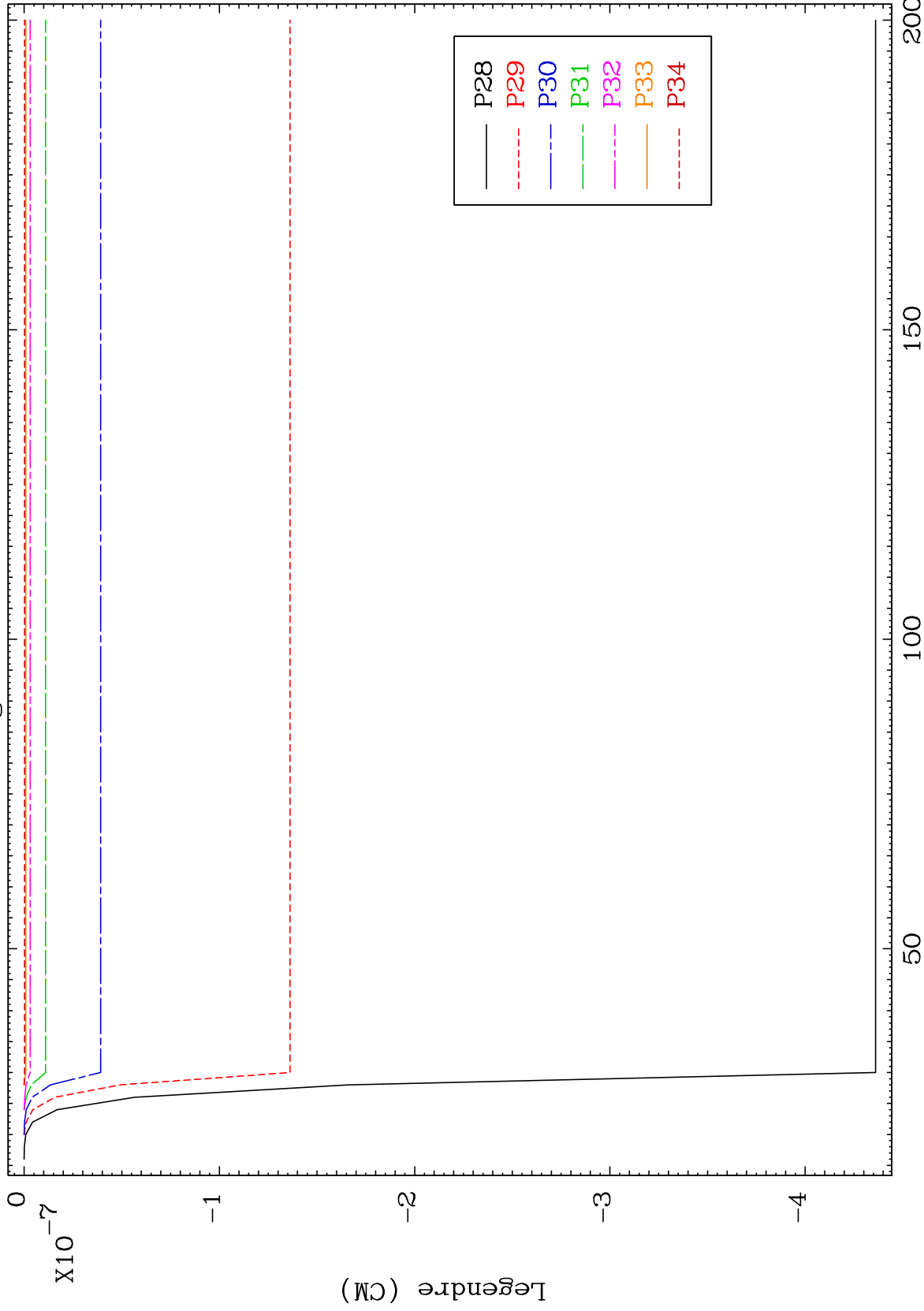
Incident Energy (MeV)

75

MAT 3831

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

38-Sr-86



38-Sr-86

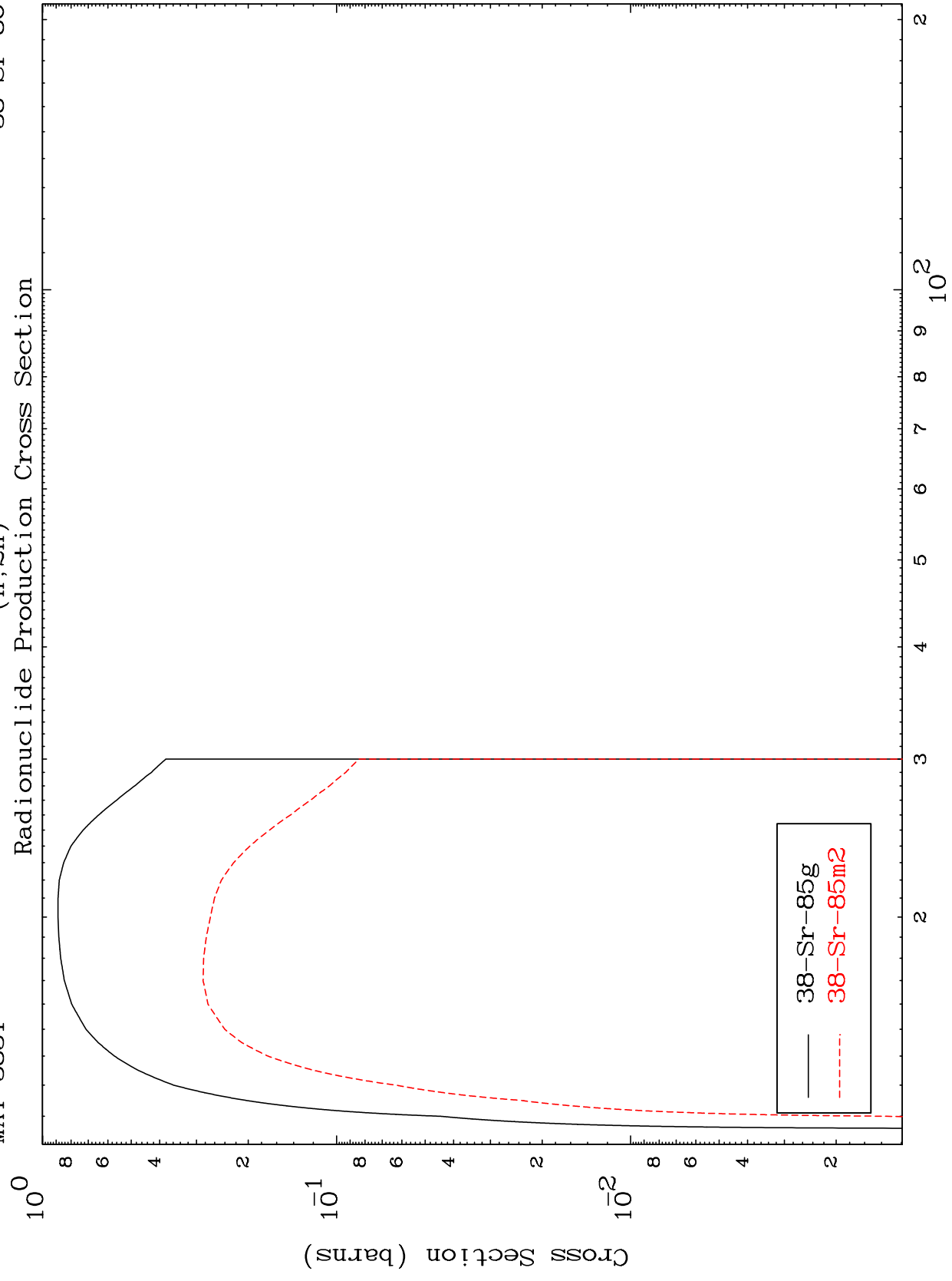
Incident Energy (MeV)

76

38-Sr-86

MAT 3831

Radionuclide Production Cross Section
(n,2n)



38-Sr-86

Incident Energy (MeV)

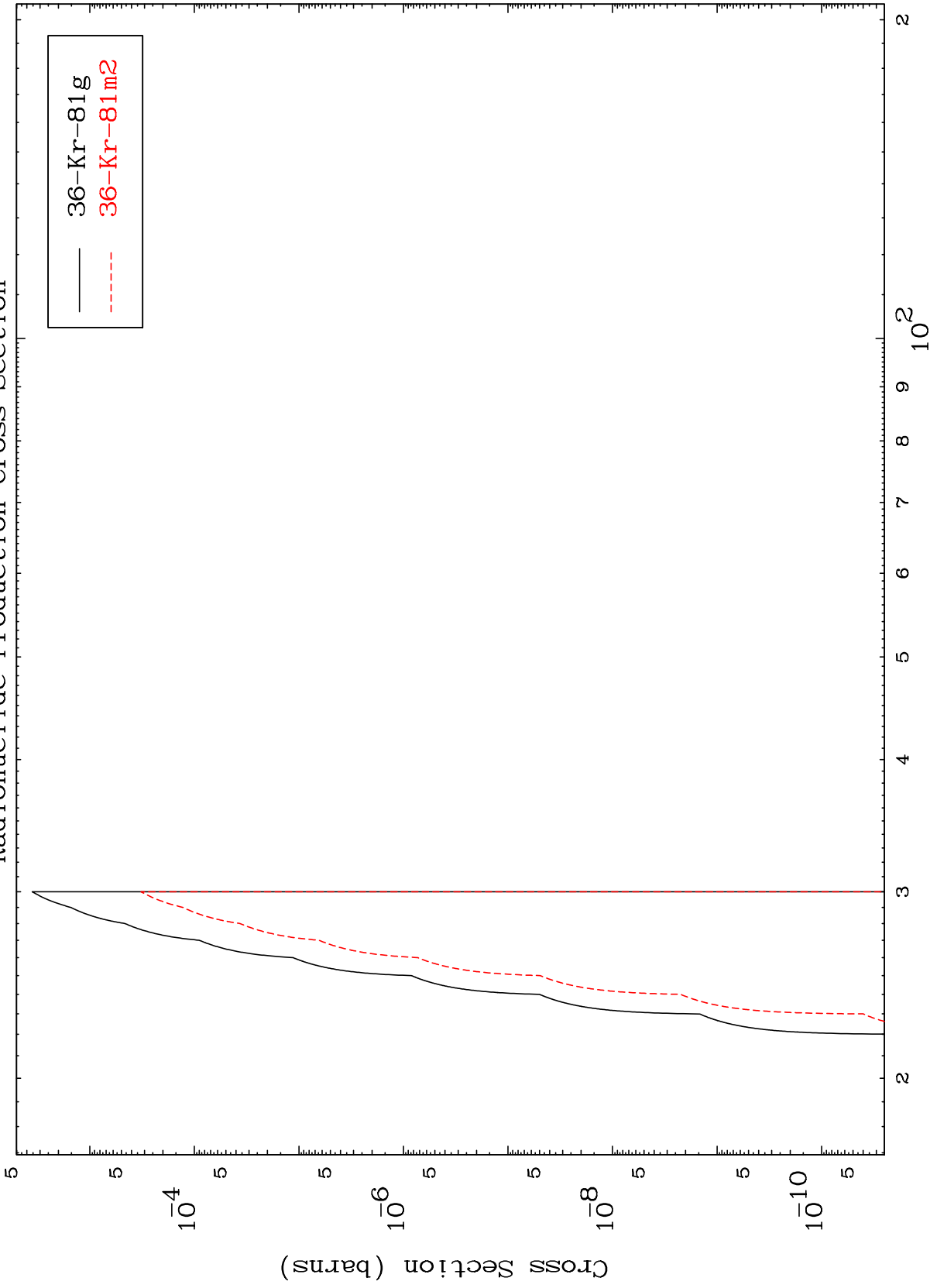
77

MAT 3831

(n,2n) α

38-Sr-86

Radionuclide Production Cross Section



78

Incident Energy (MeV)

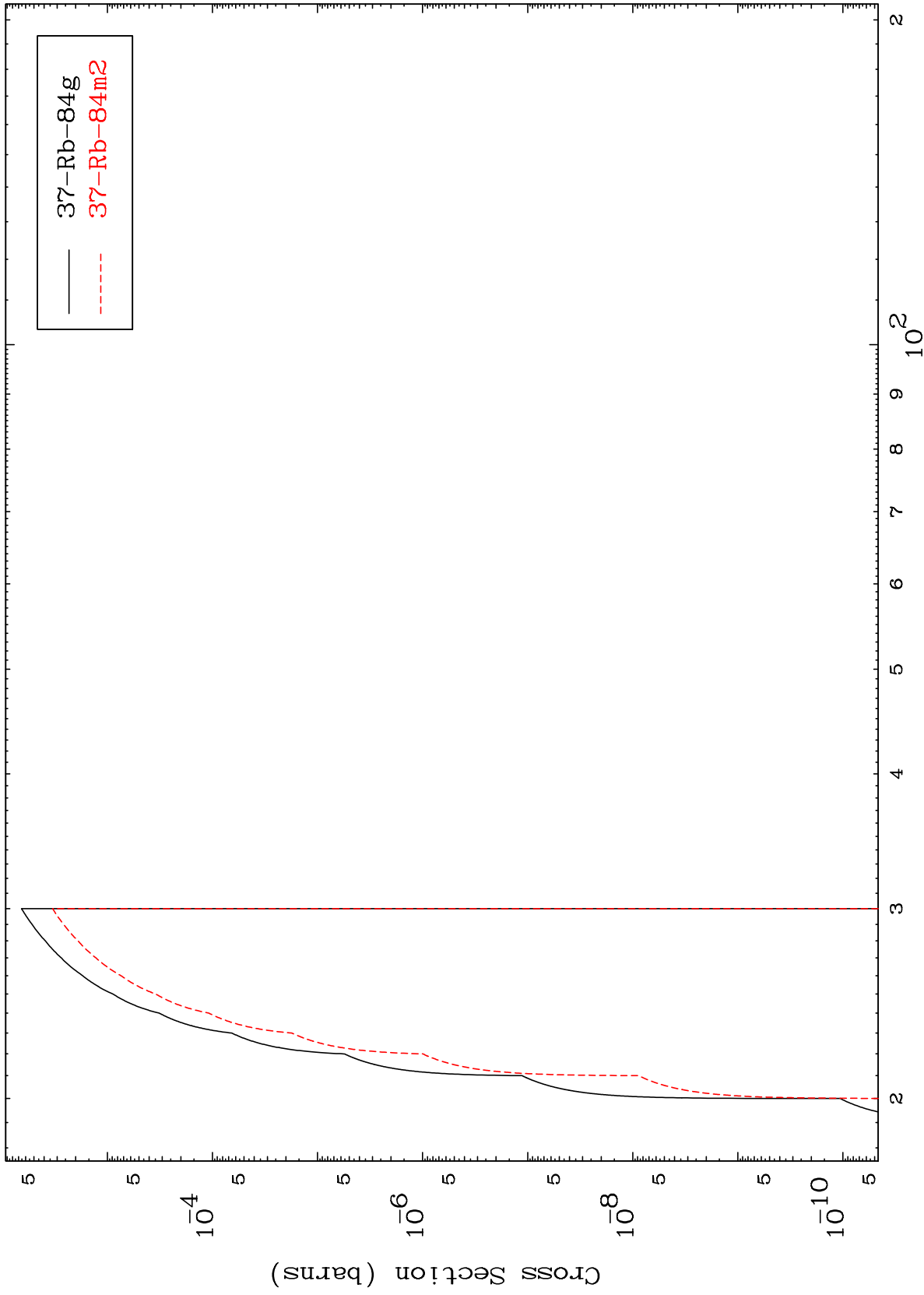
38-Sr-86

MAT 3831

(n,n') d

38-Sr-86

Radionuclide Production Cross Section



79

Incident Energy (MeV)

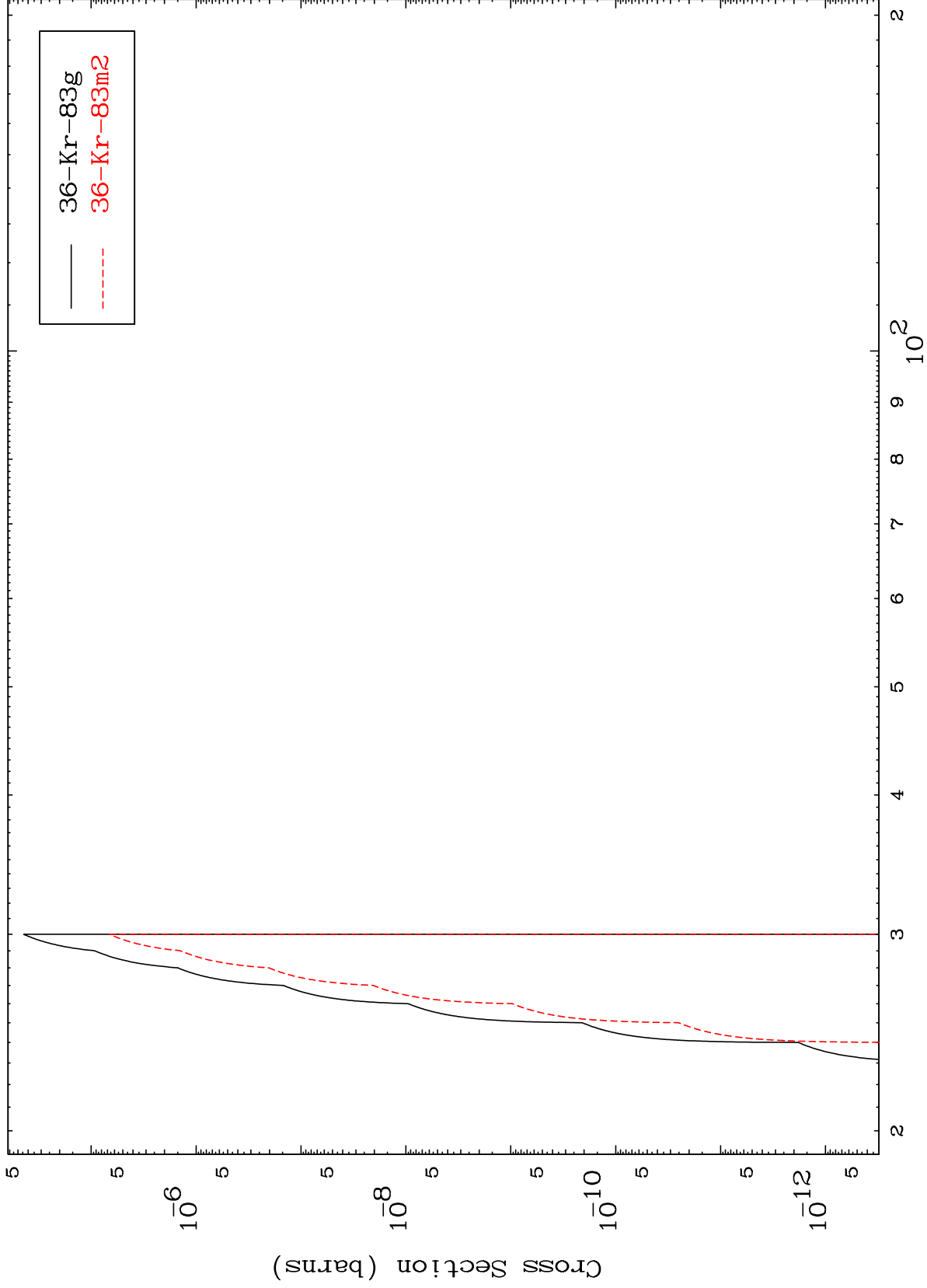
38-Sr-86

MAT 3831

(n, n') He-3

38-Sr-86

Radionuclide Production Cross Section



80

Incident Energy (MeV)

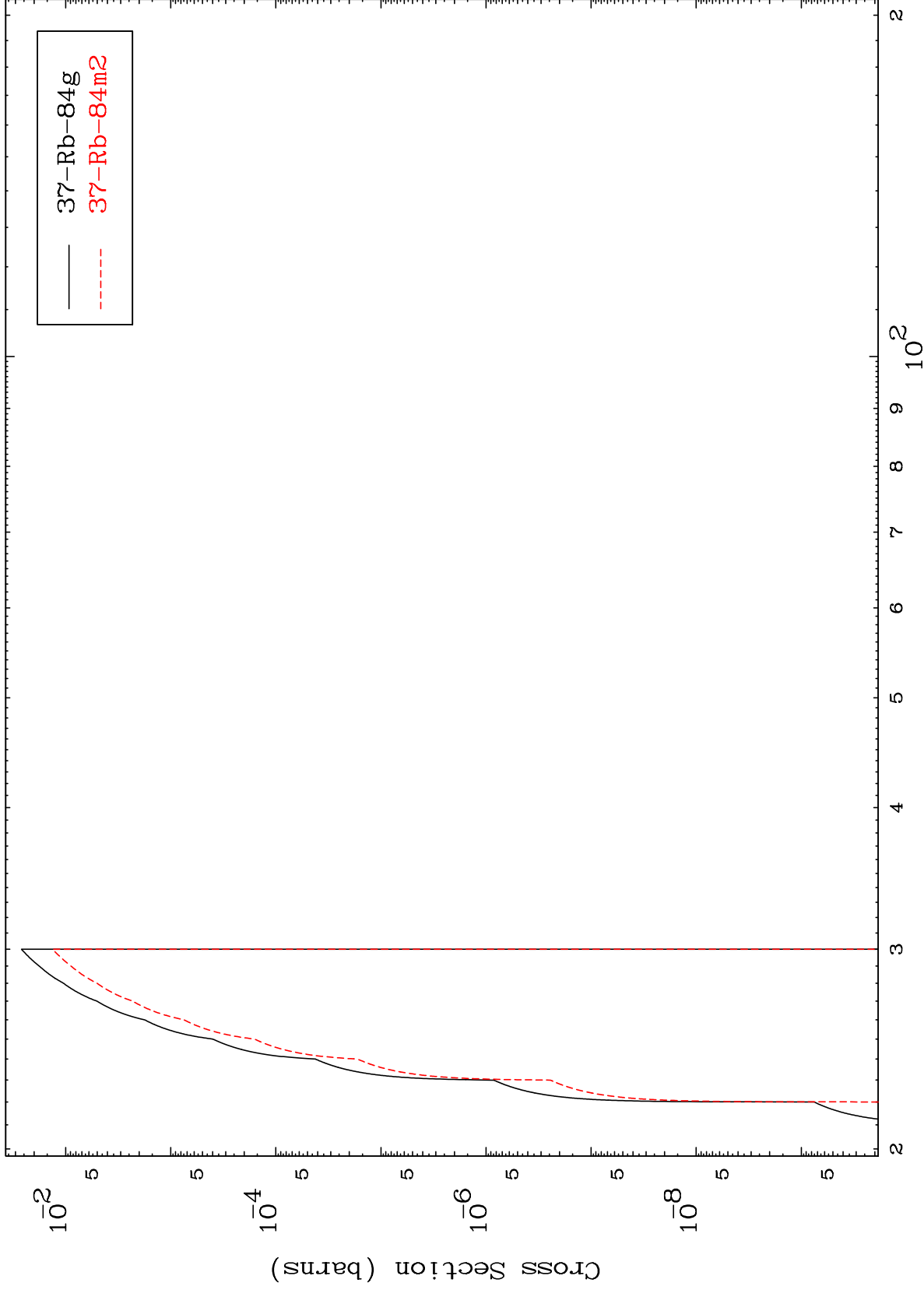
38-Sr-86

MAT 3831

(n,2n) p

38-Sr-86

Radionuclide Production Cross Section



81

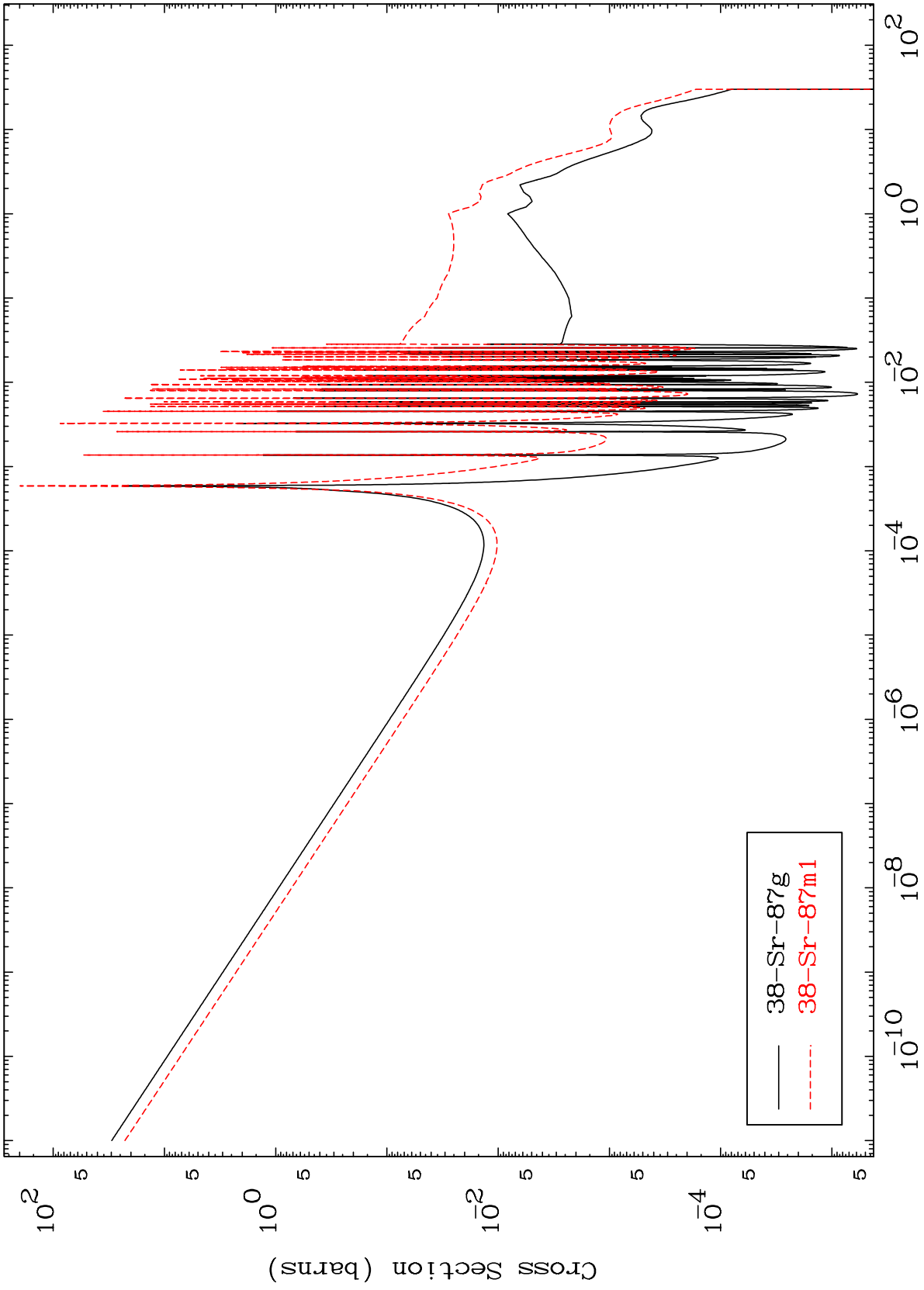
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

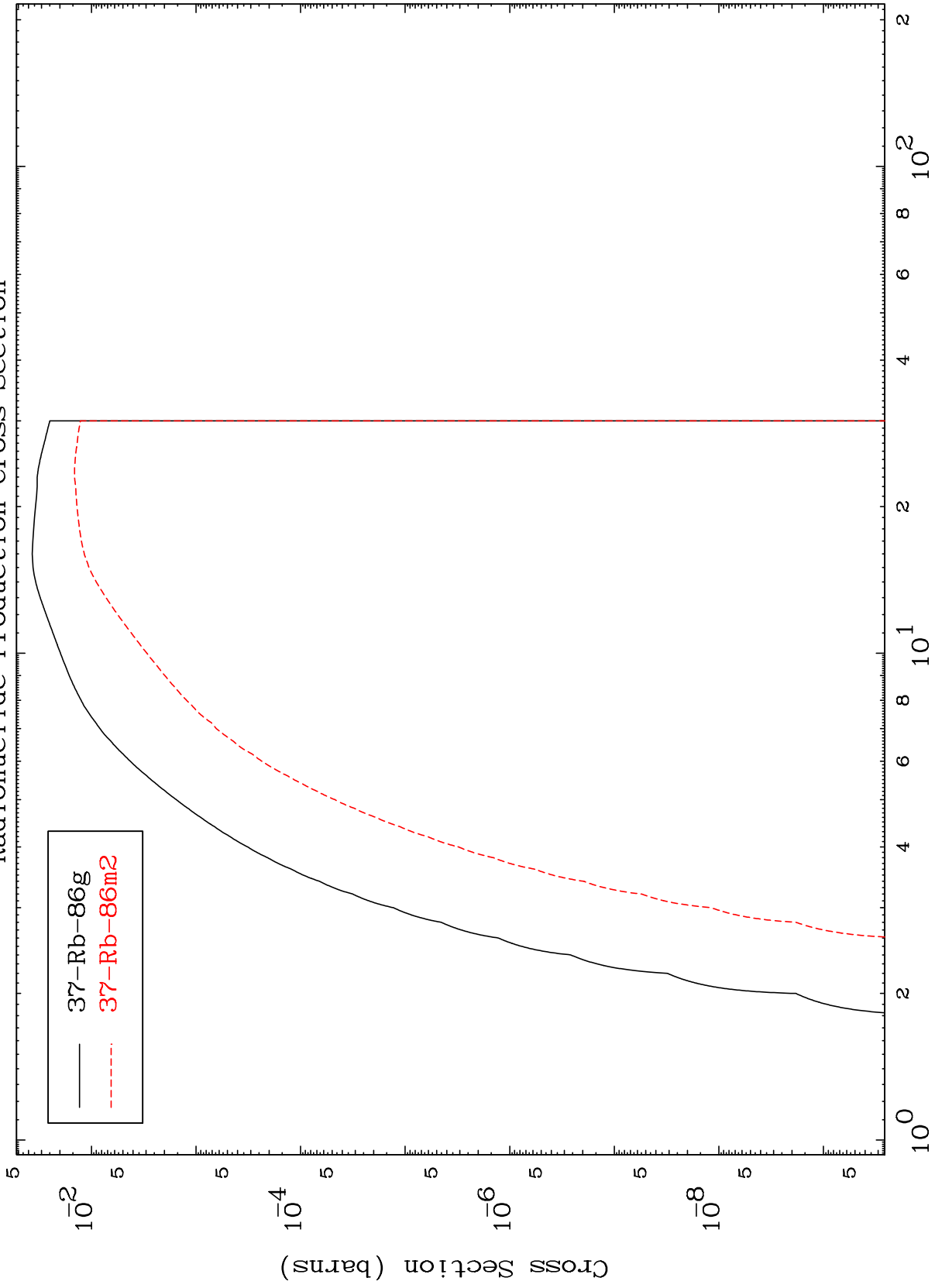
(n,γ)
Radionuclide Production Cross Section



MAT 3831

38-Sr-86

(n,p)
Radionuclide Production Cross Section



83

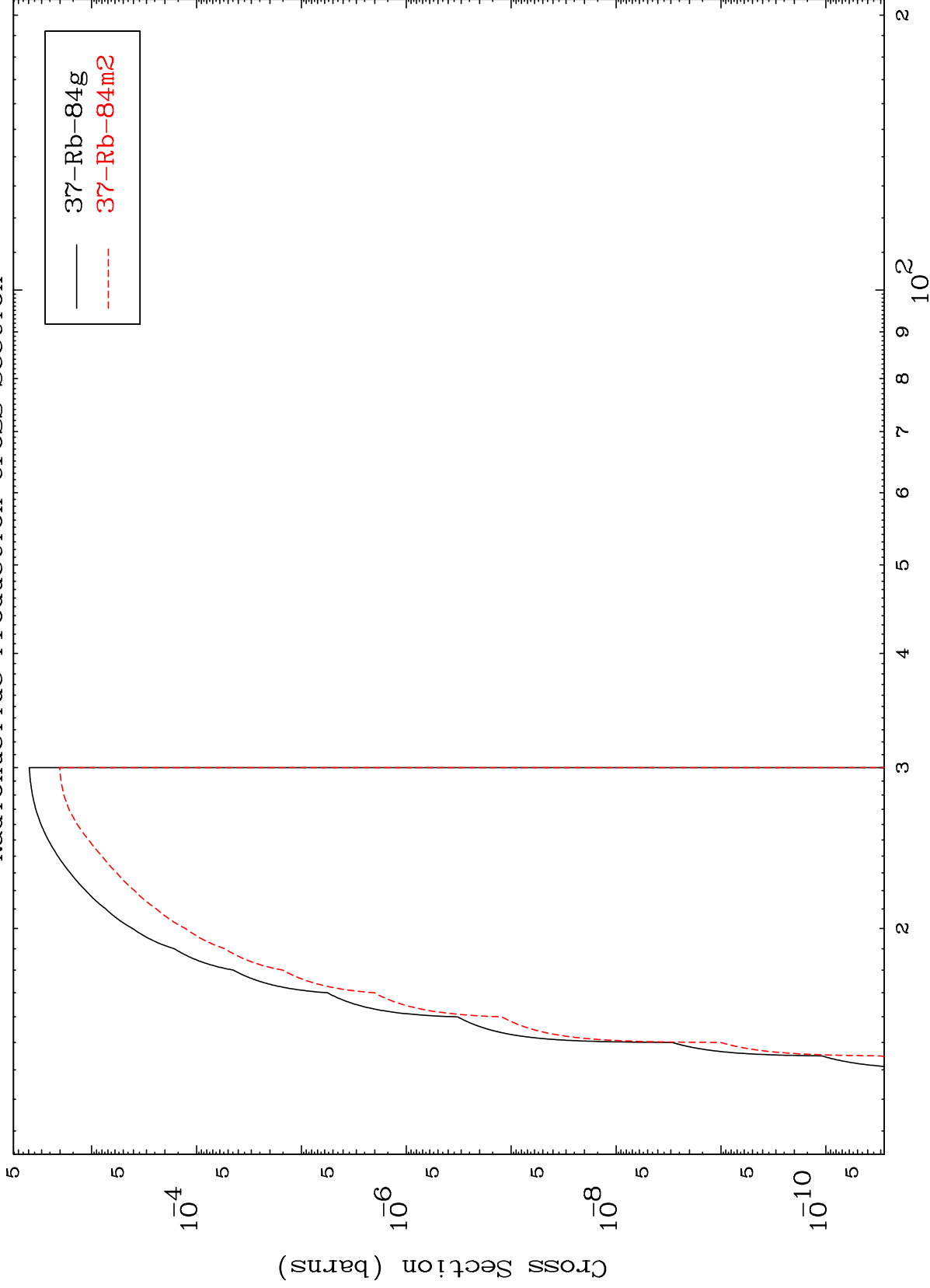
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

(n, t)
Radionuclide Production Cross Section



84

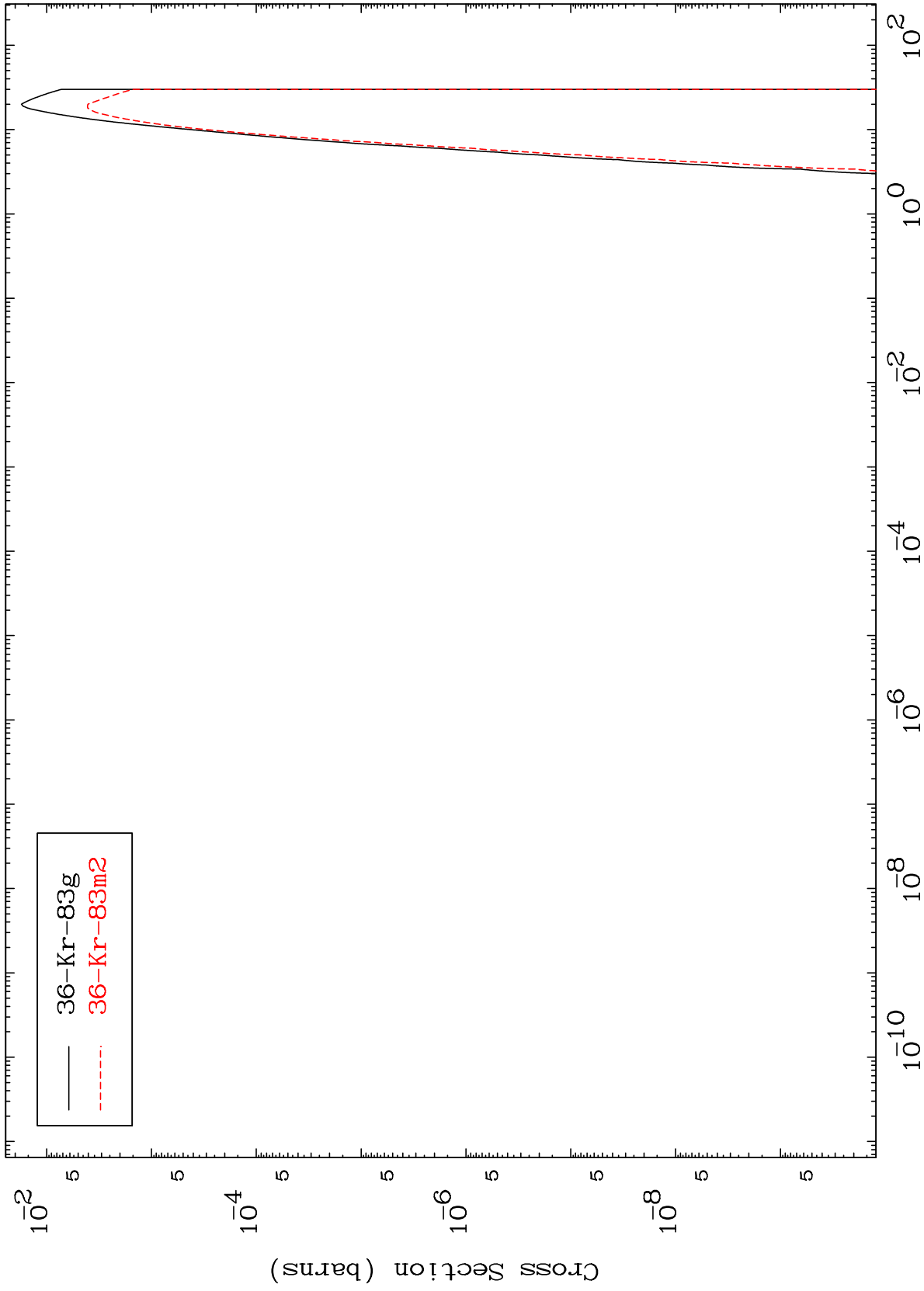
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

(n,α)
Radionuclide Production Cross Section



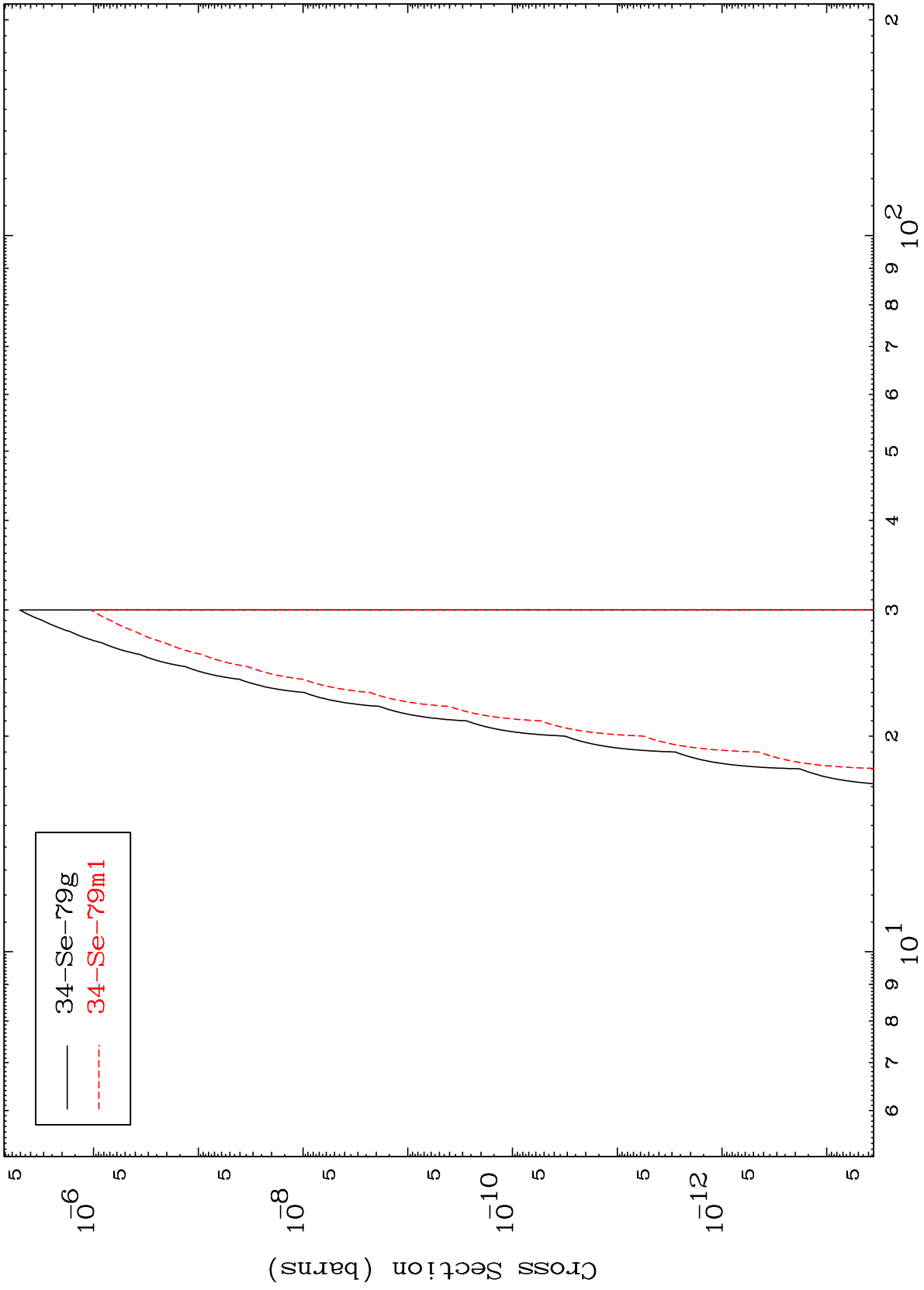
85

38-Sr-86

MAT 3831

38-Sr-86

Radionuclide Production Cross Section



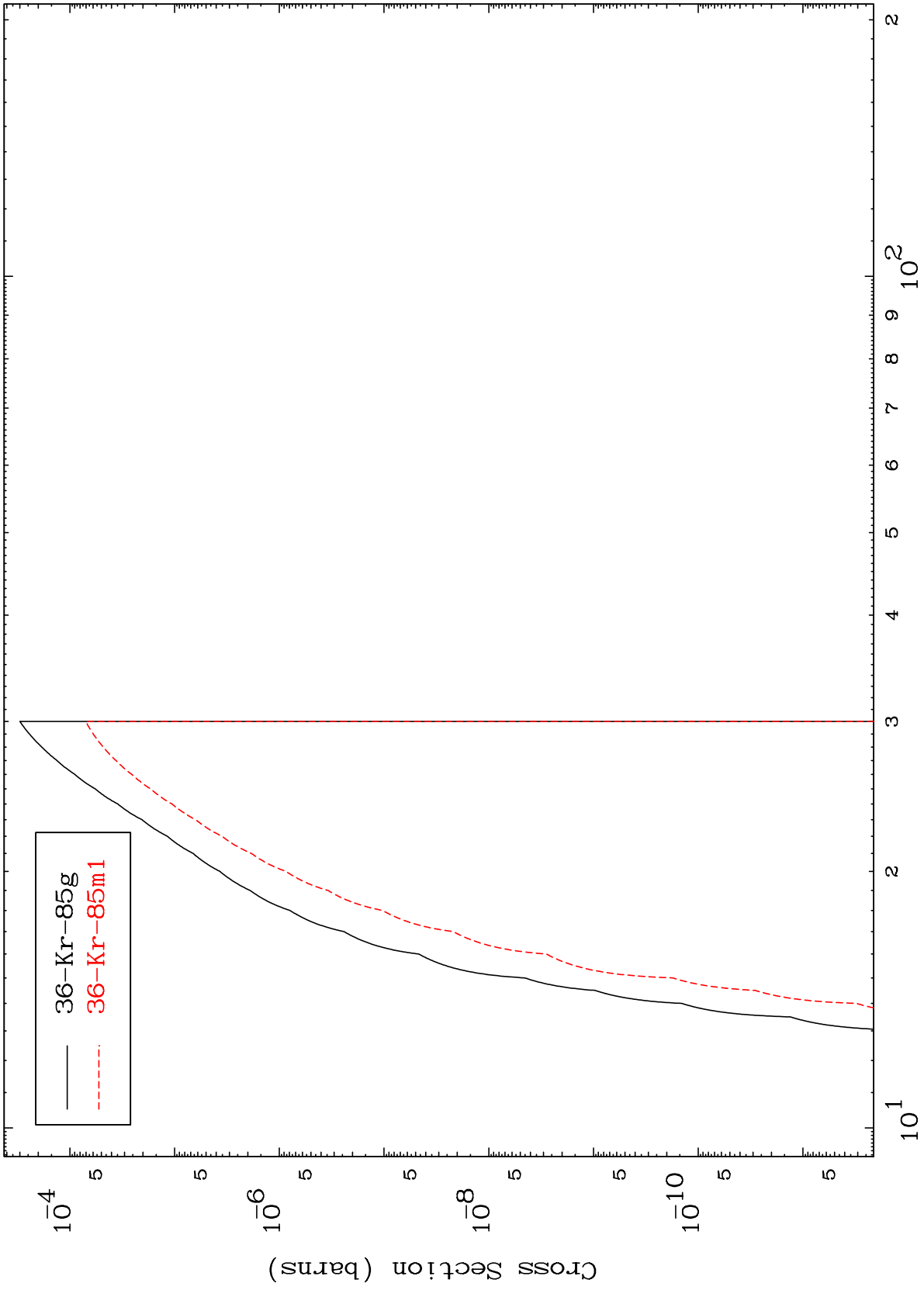
86

38-Sr-86

MAT 3831

38-Sr-86

Radionuclide Production Cross Section
(n,2p)



87

Incident Energy (MeV)

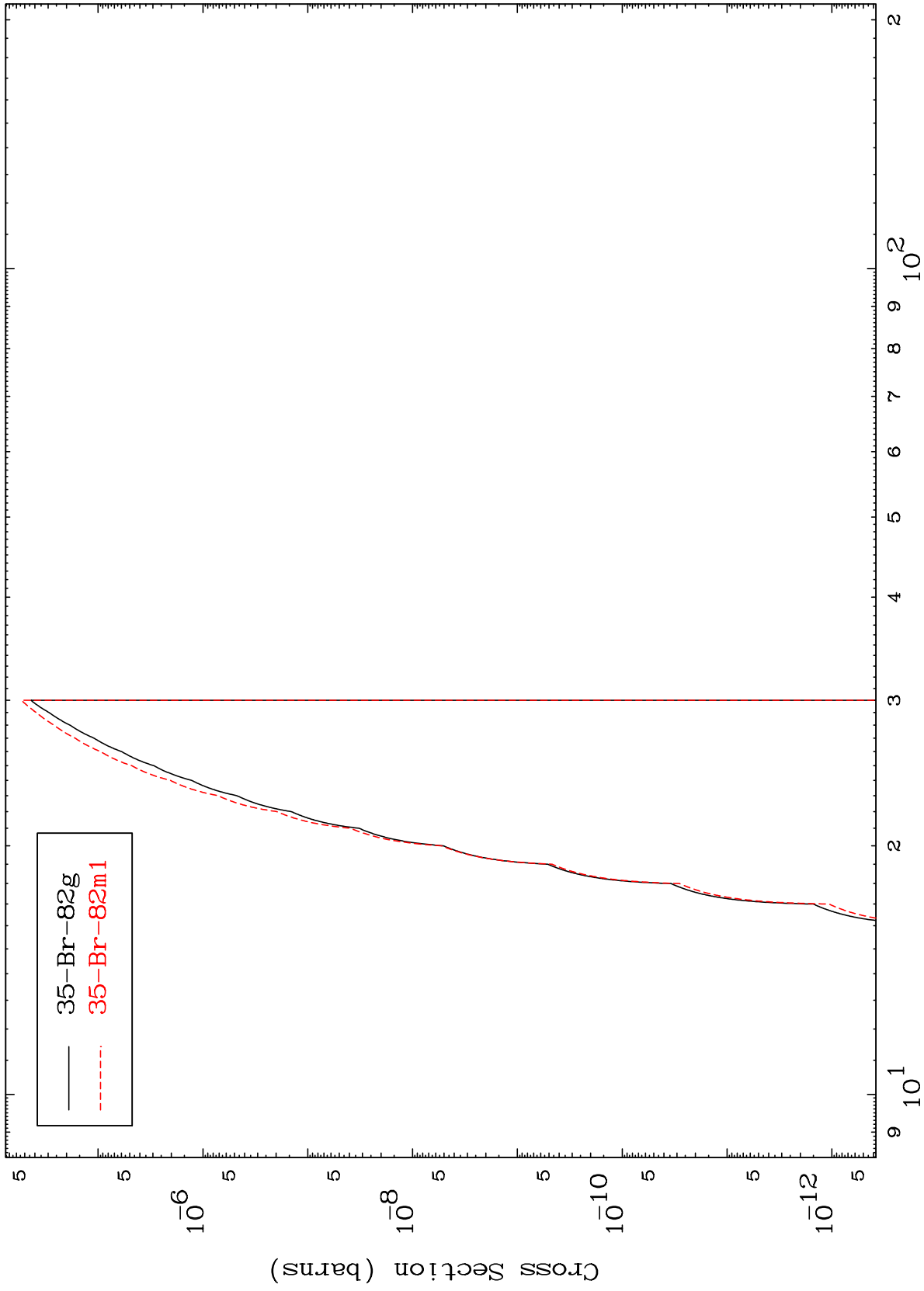
38-Sr-86

MAT 3831

(n,p) α

38-Sr-86

Radionuclide Production Cross Section



88

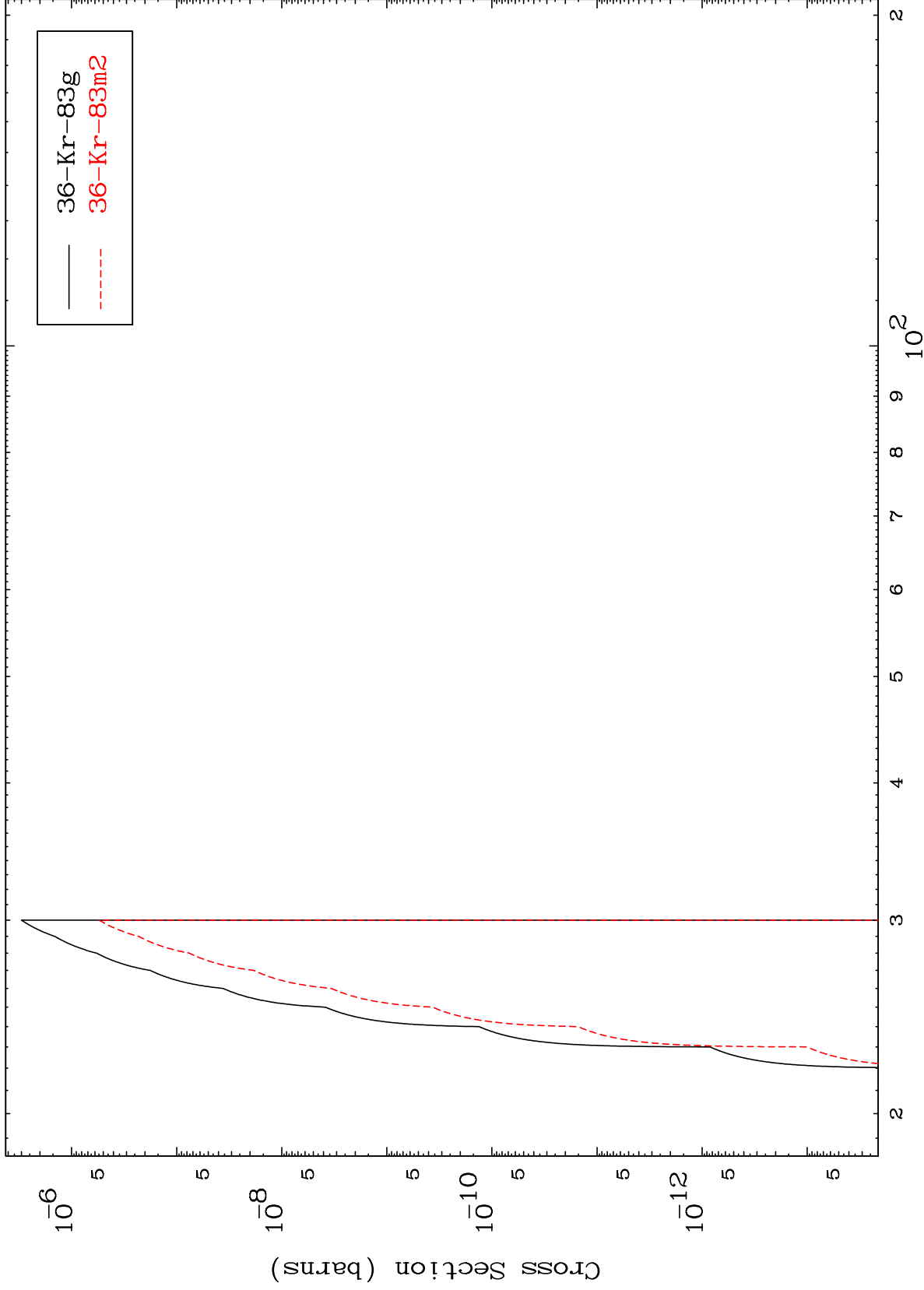
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

(n,p) t
Radionuclide Production Cross Section



89

Incident Energy (MeV)

38-Sr-86