

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

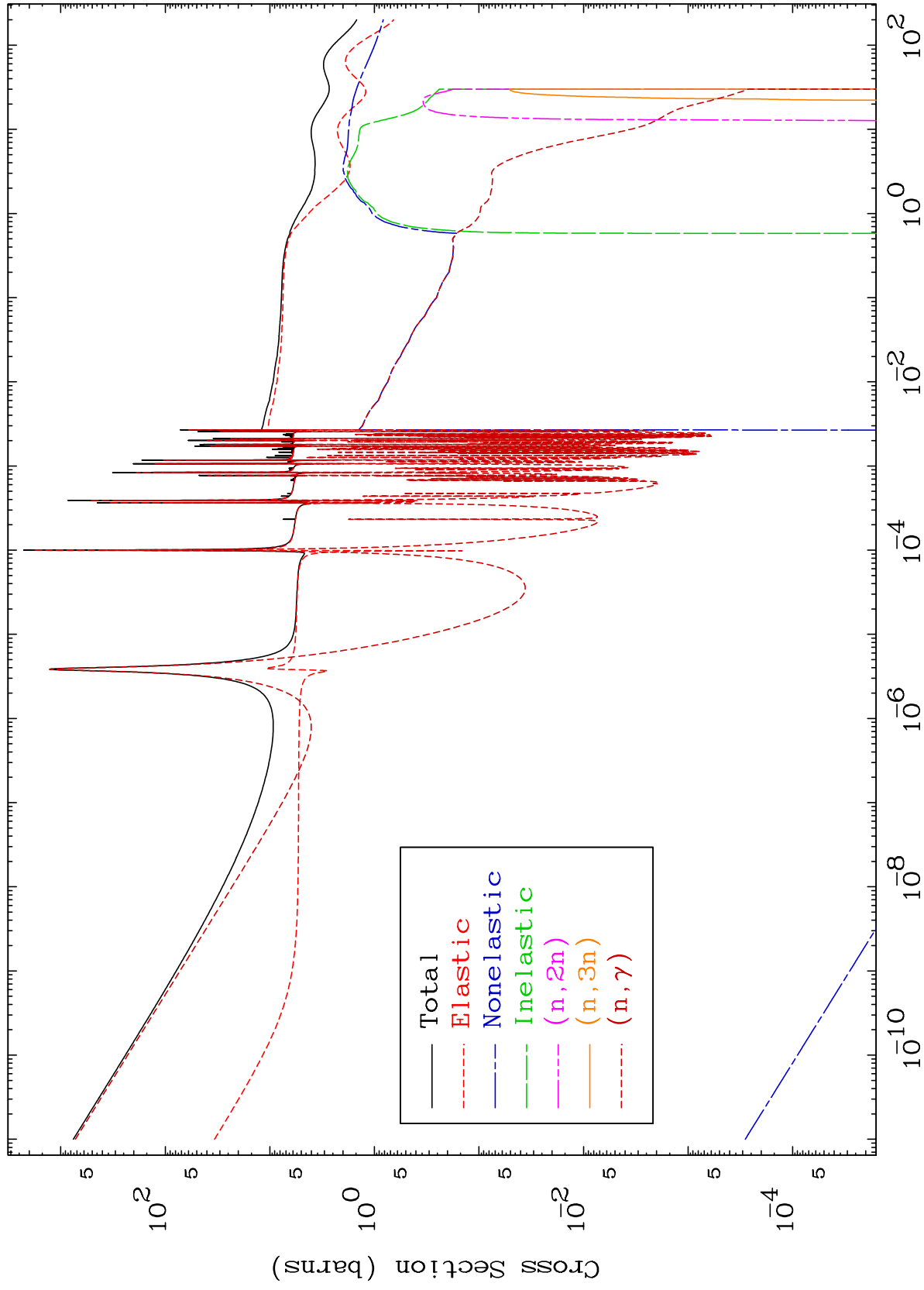
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3819

Neutron Major
293 Kelvin Cross Sections

38-Sr-82



1

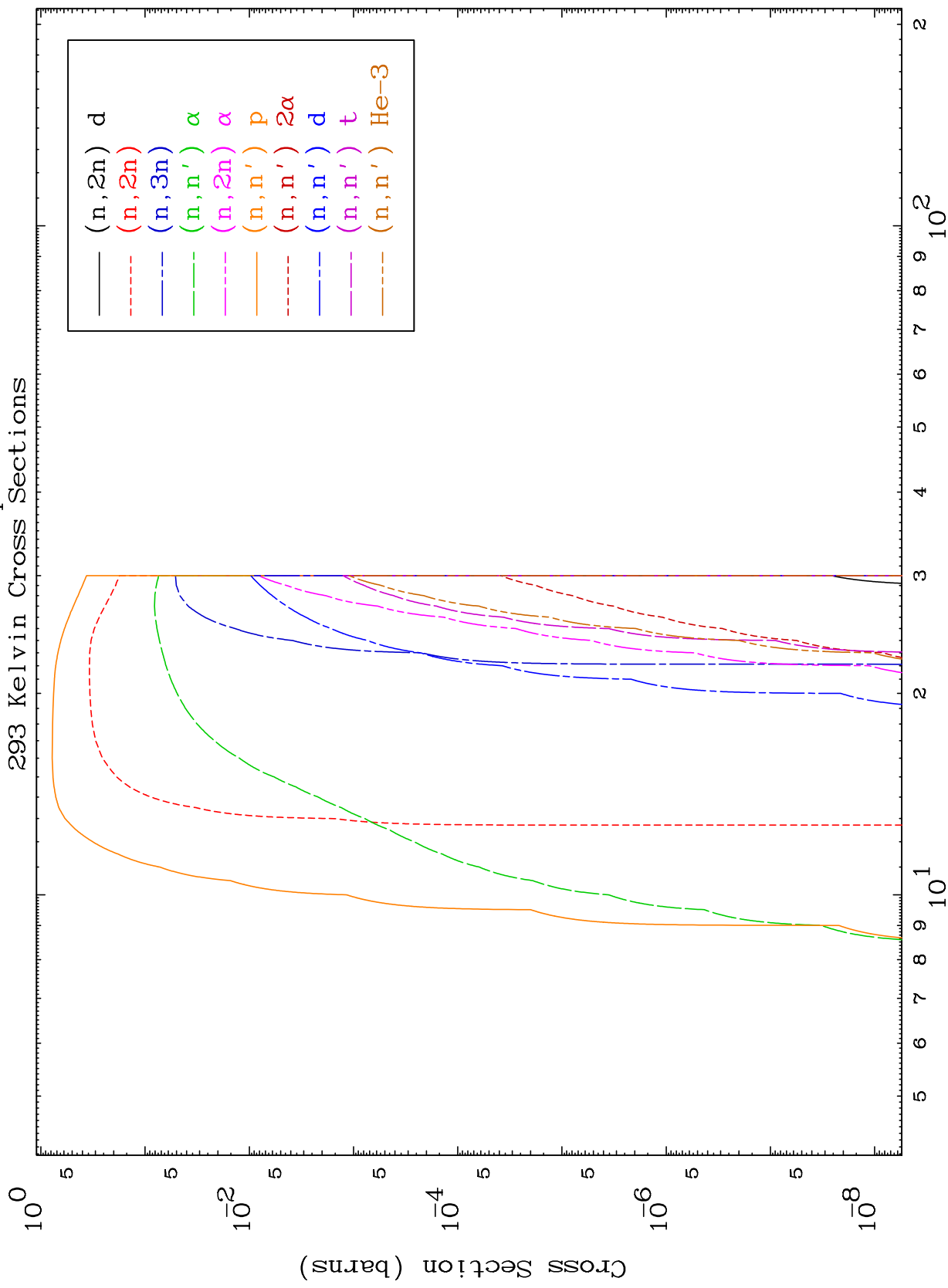
Incident Energy (MeV)

38-Sr-82

MAT 3819

Neutron Absorption
293 Kelvin Cross Sections

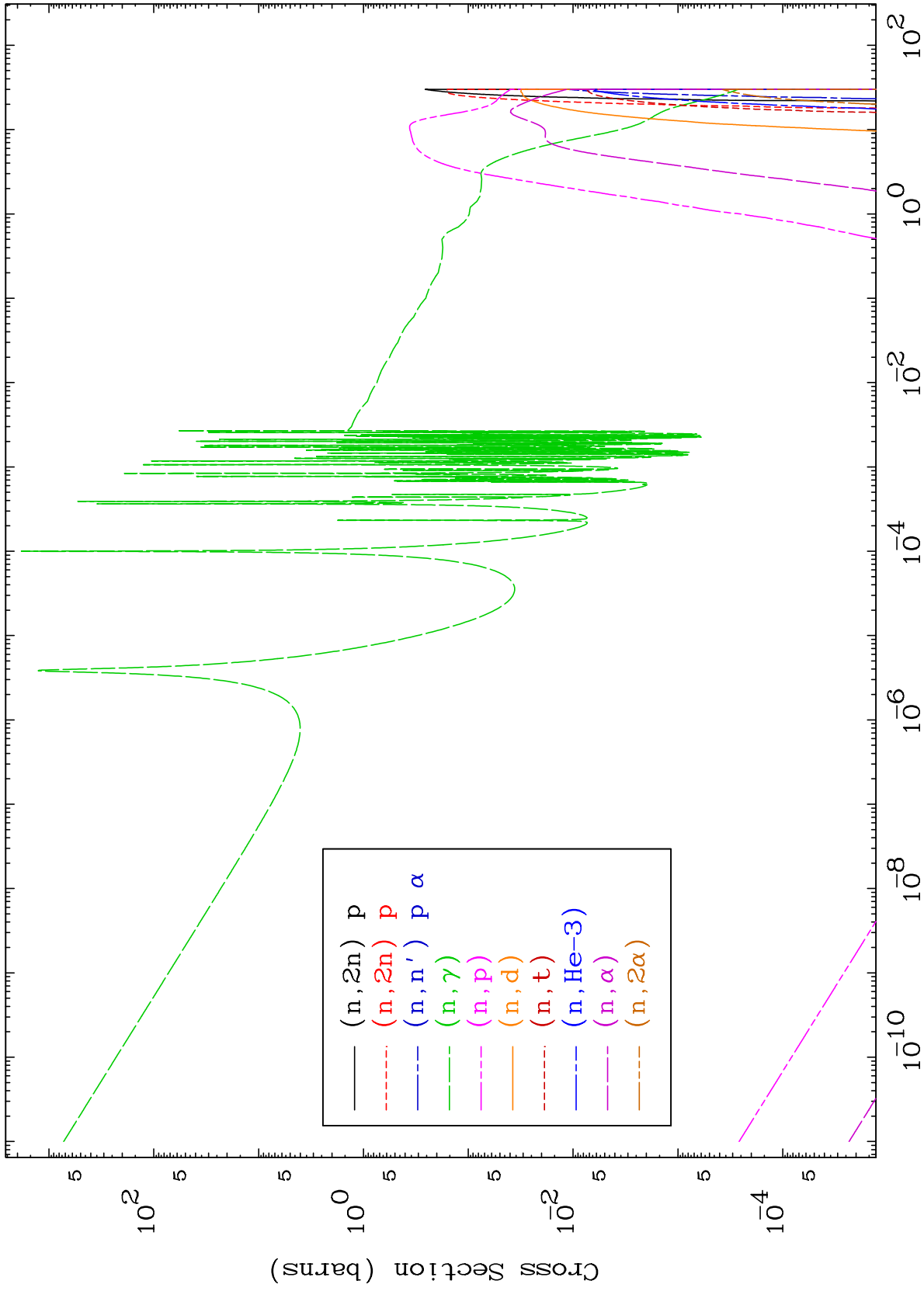
38-Sr-82

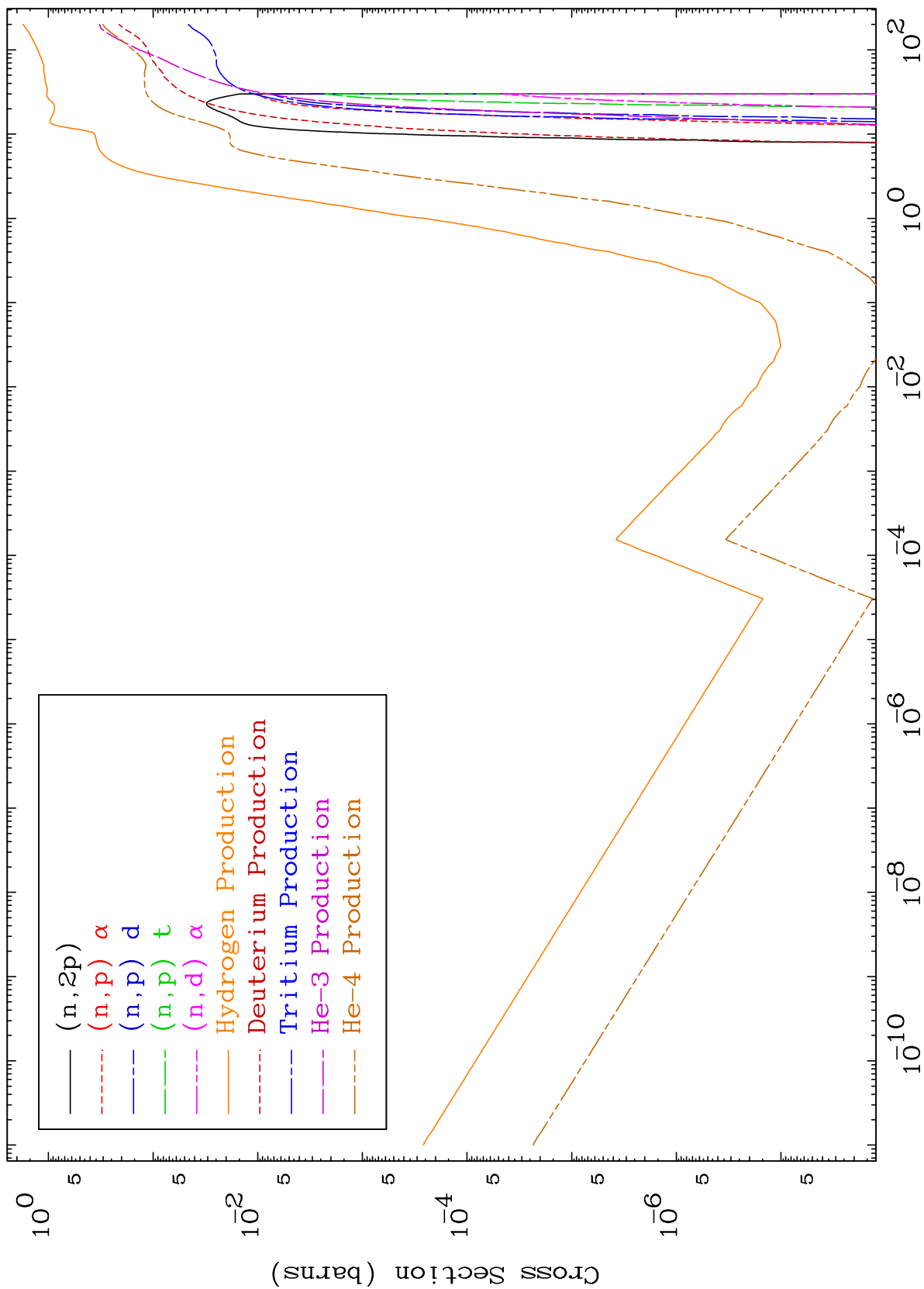


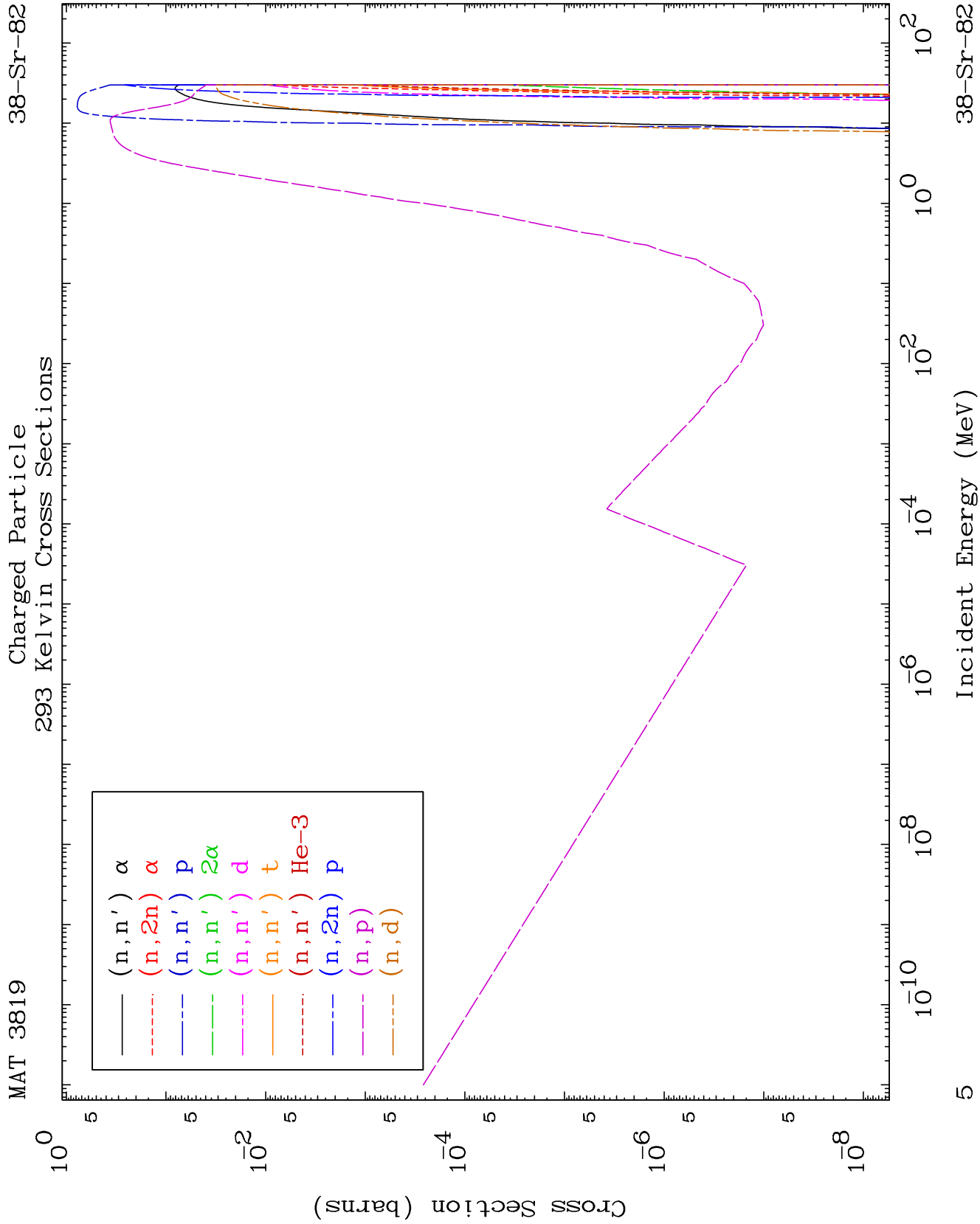
2

Incident Energy (MeV)

38-Sr-82



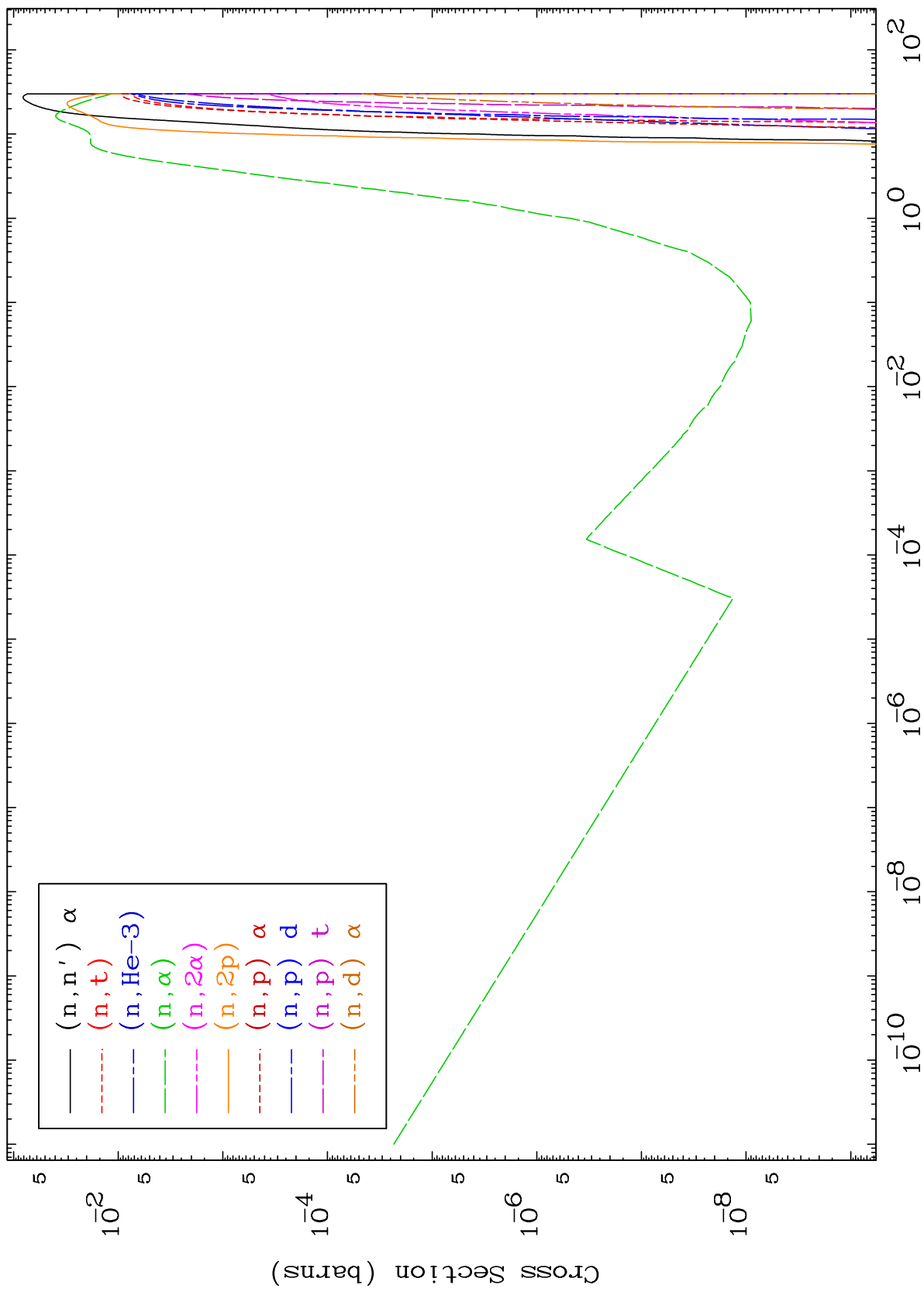




MAT 3819

Charged Particle
293 Kelvin Cross Sections

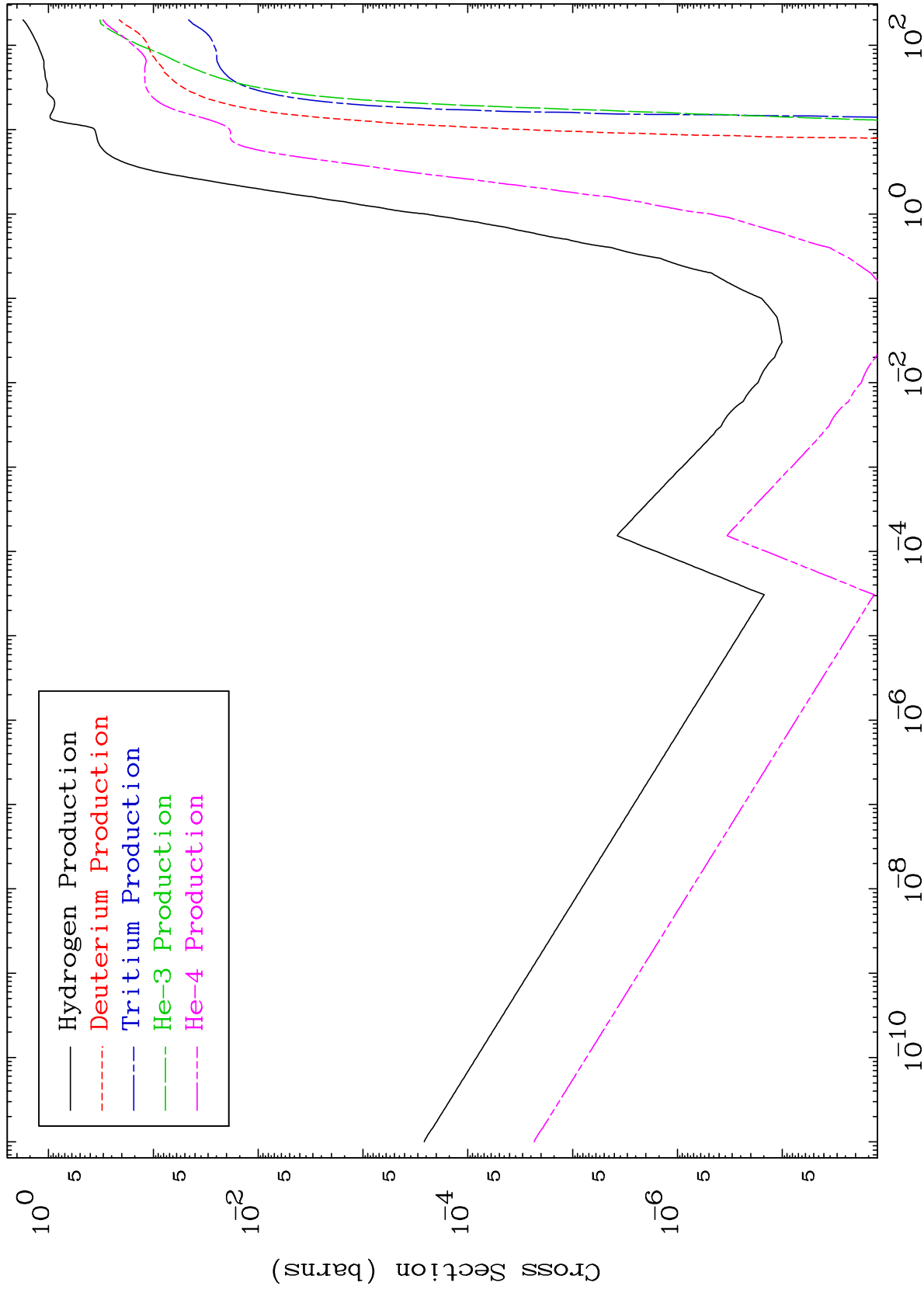
38-Sr-82



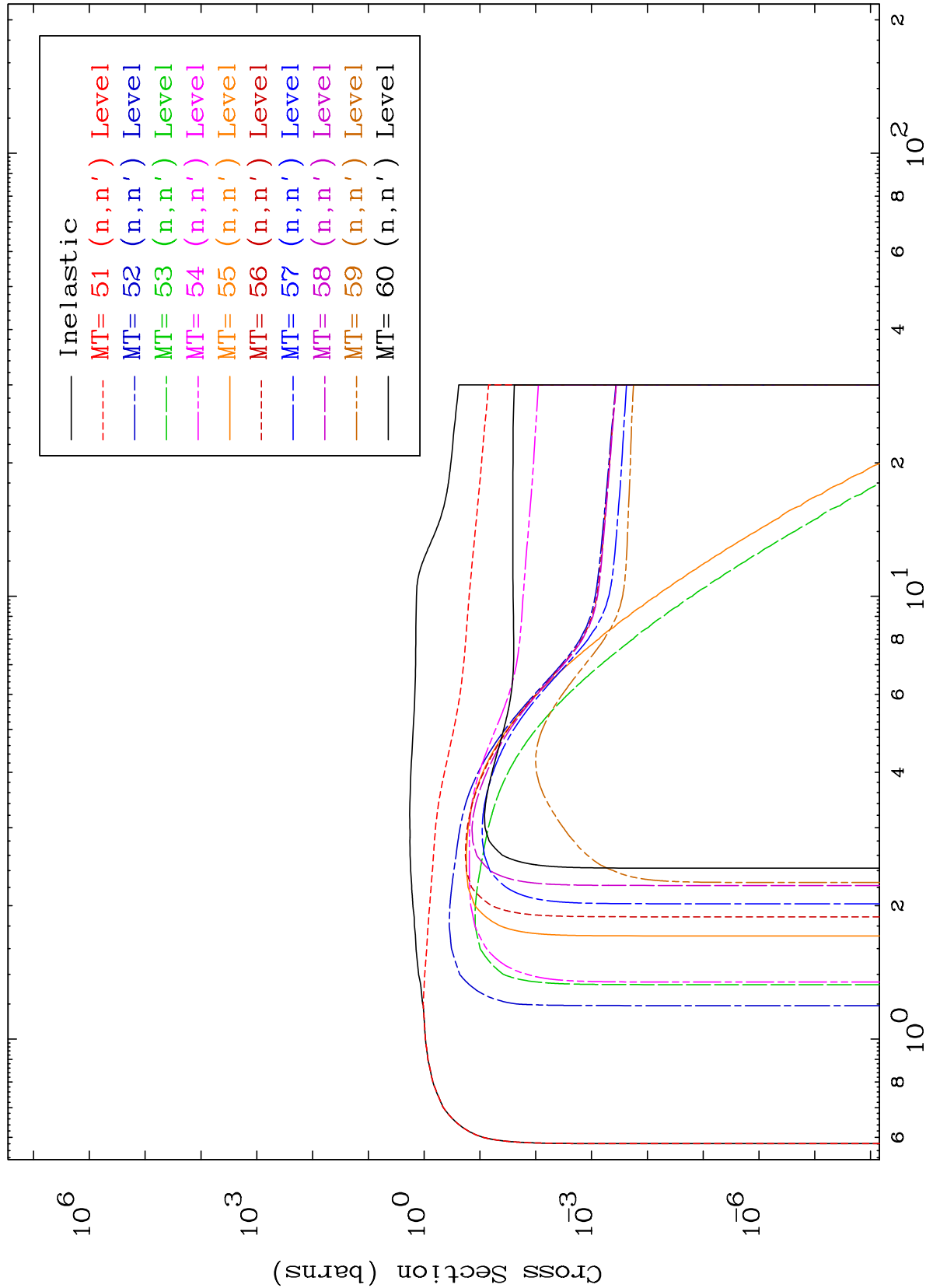
6

Incident Energy (MeV)

38-Sr-82



293 Kelvin Cross Sections

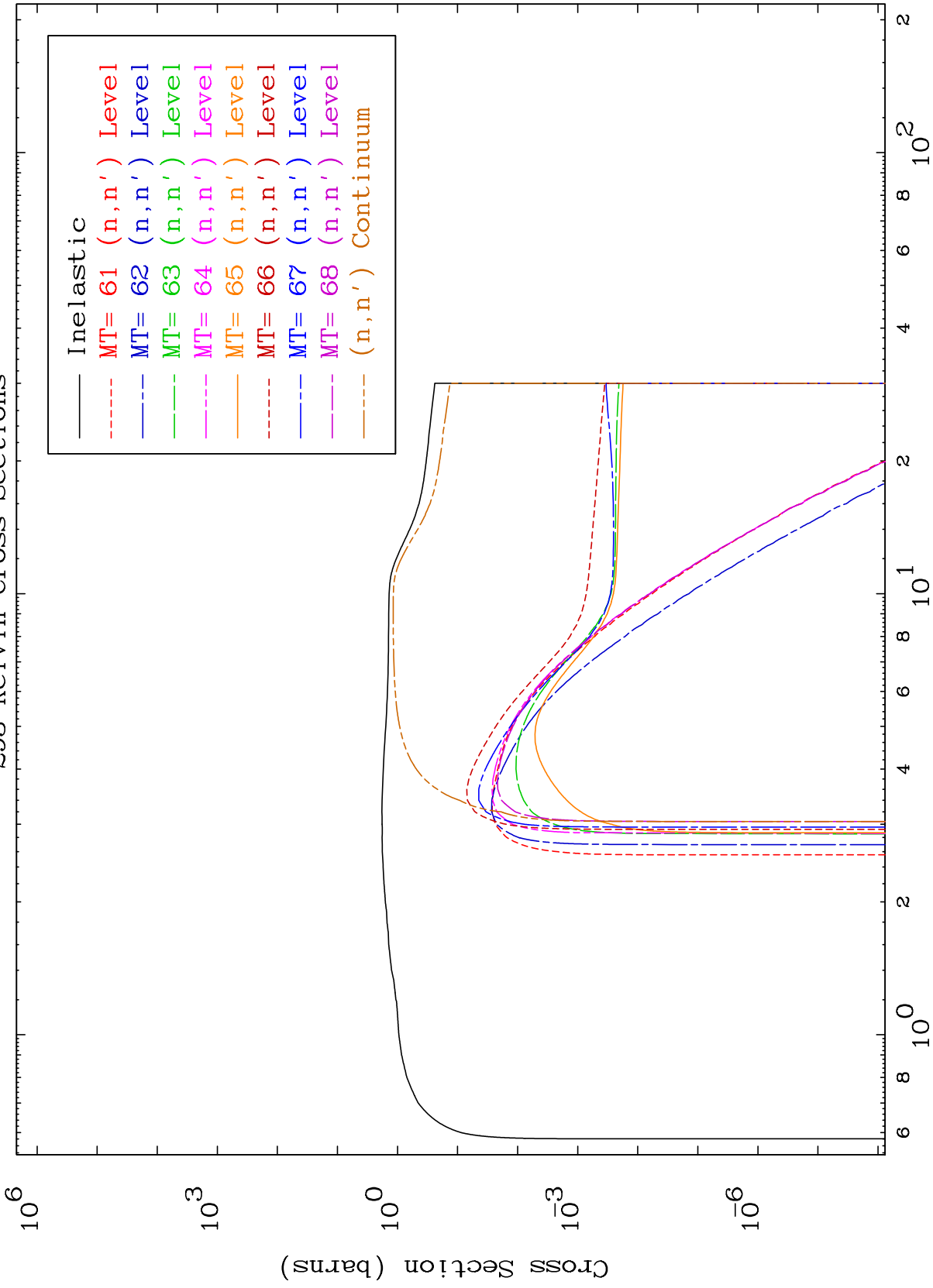


MAT 3819

(n,n') Levels

38-Sr-82

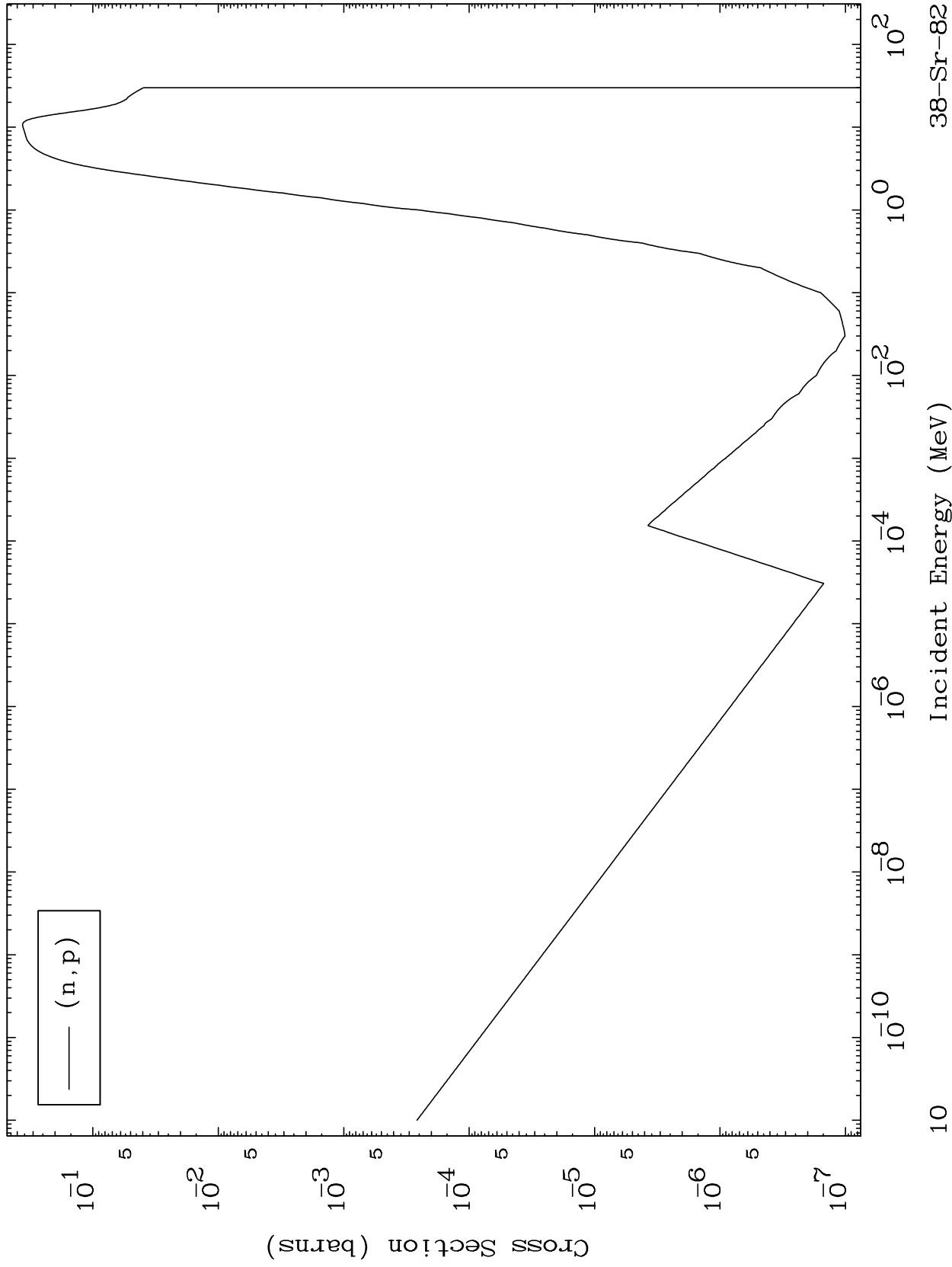
293 Kelvin Cross Sections



MAT 3819

(n,p) Levels
293 Kelvin Cross Sections

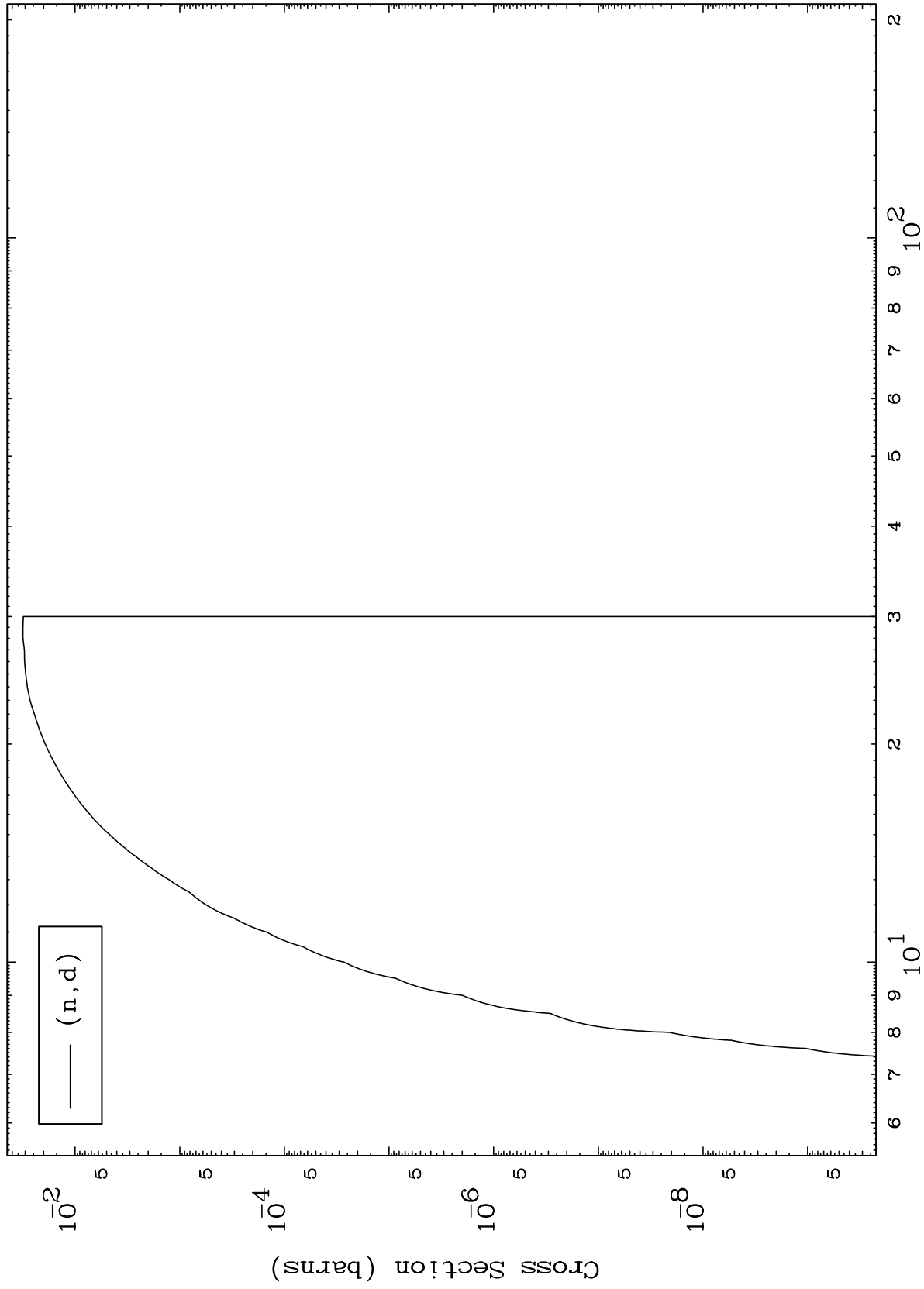
38-Sr-82



MAT 3819

38-Sr-82

(n,d) Levels
293 Kelvin Cross Sections



11

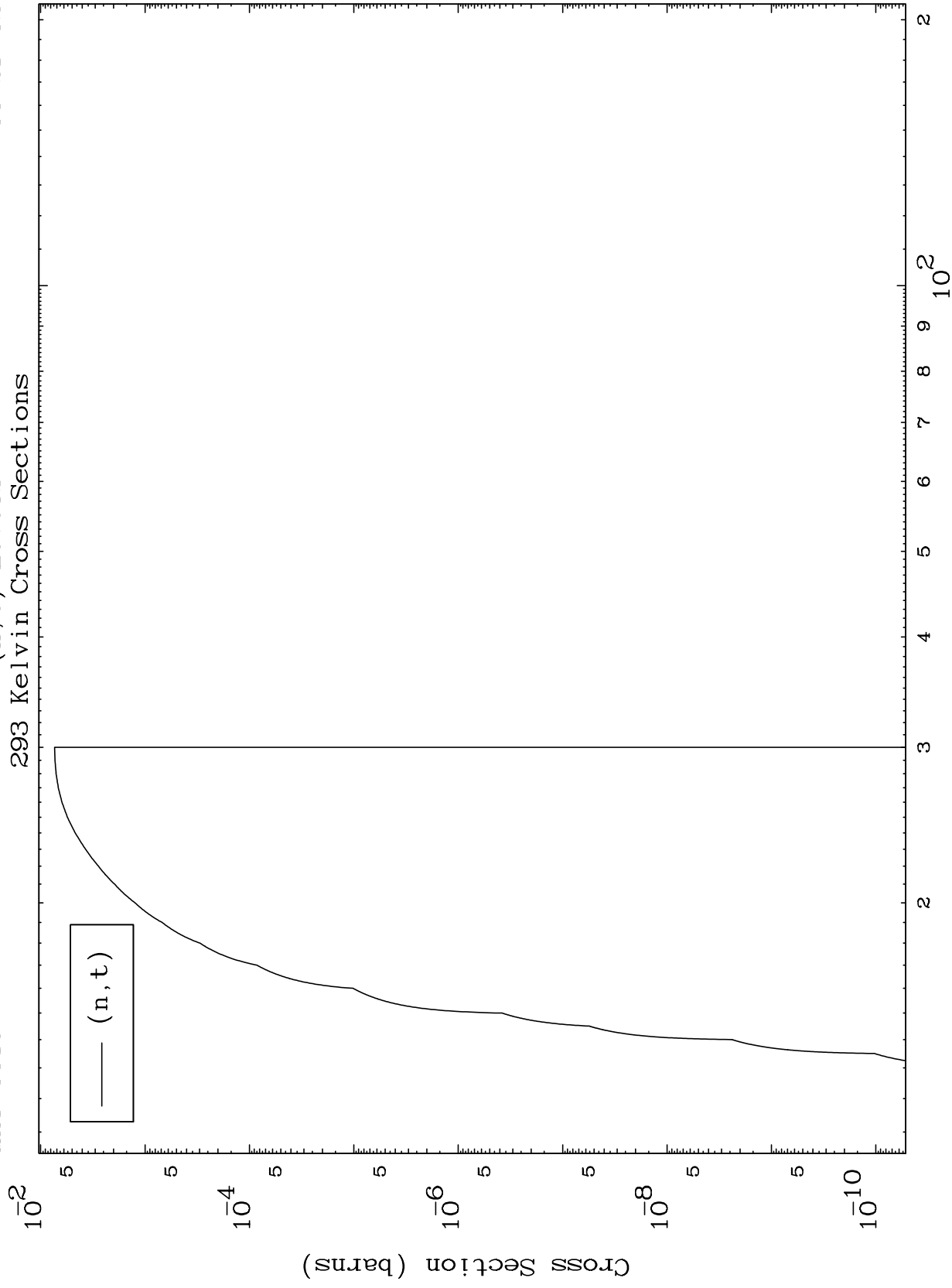
Incident Energy (MeV)

38-Sr-82

MAT 3819

38-Sr-82

(n,t) Levels
293 Kelvin Cross Sections



12

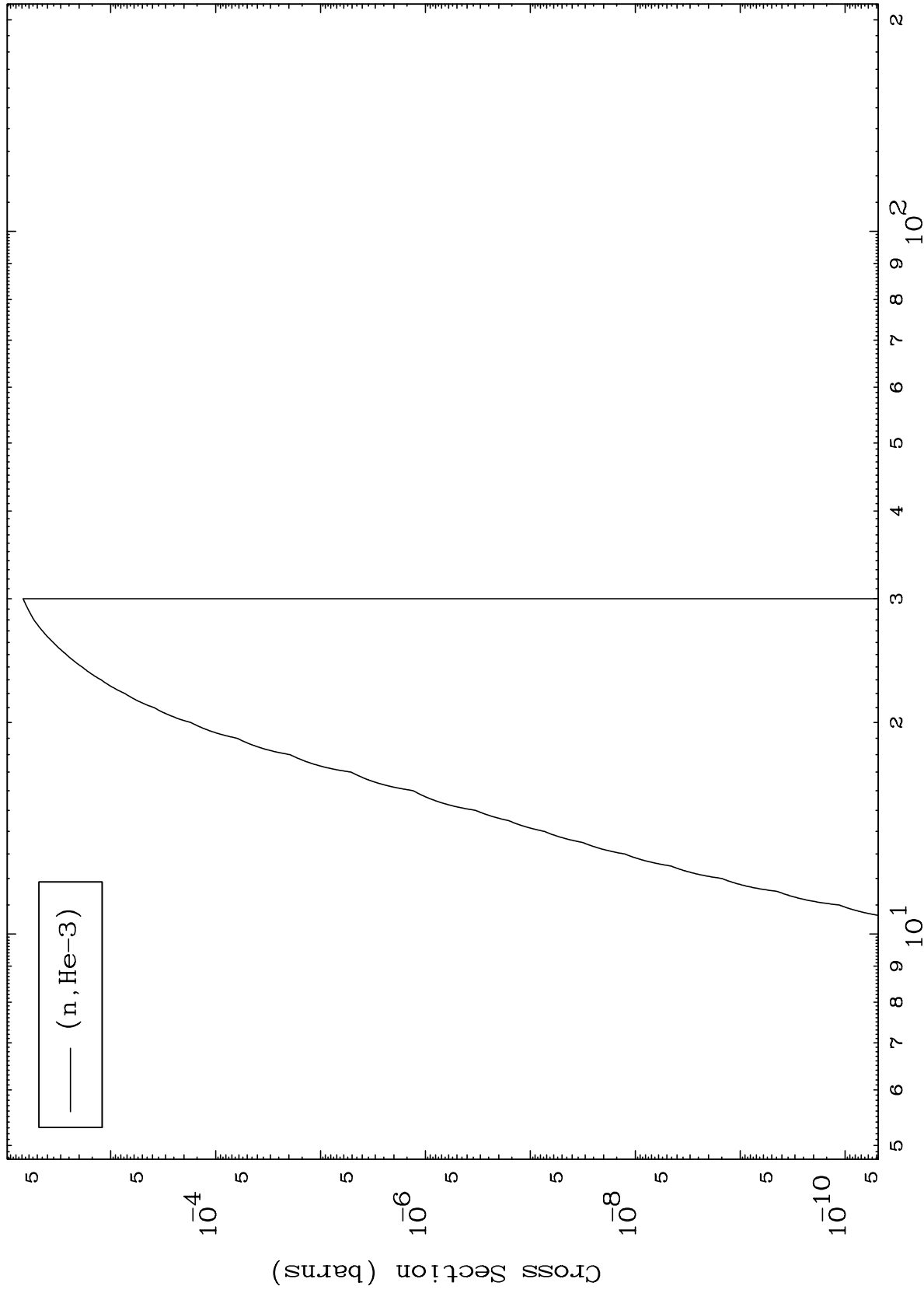
Incident Energy (MeV)

38-Sr-82

MAT 3819

38-Sr-82

(n,He3) Levels
293 Kelvin Cross Sections



13

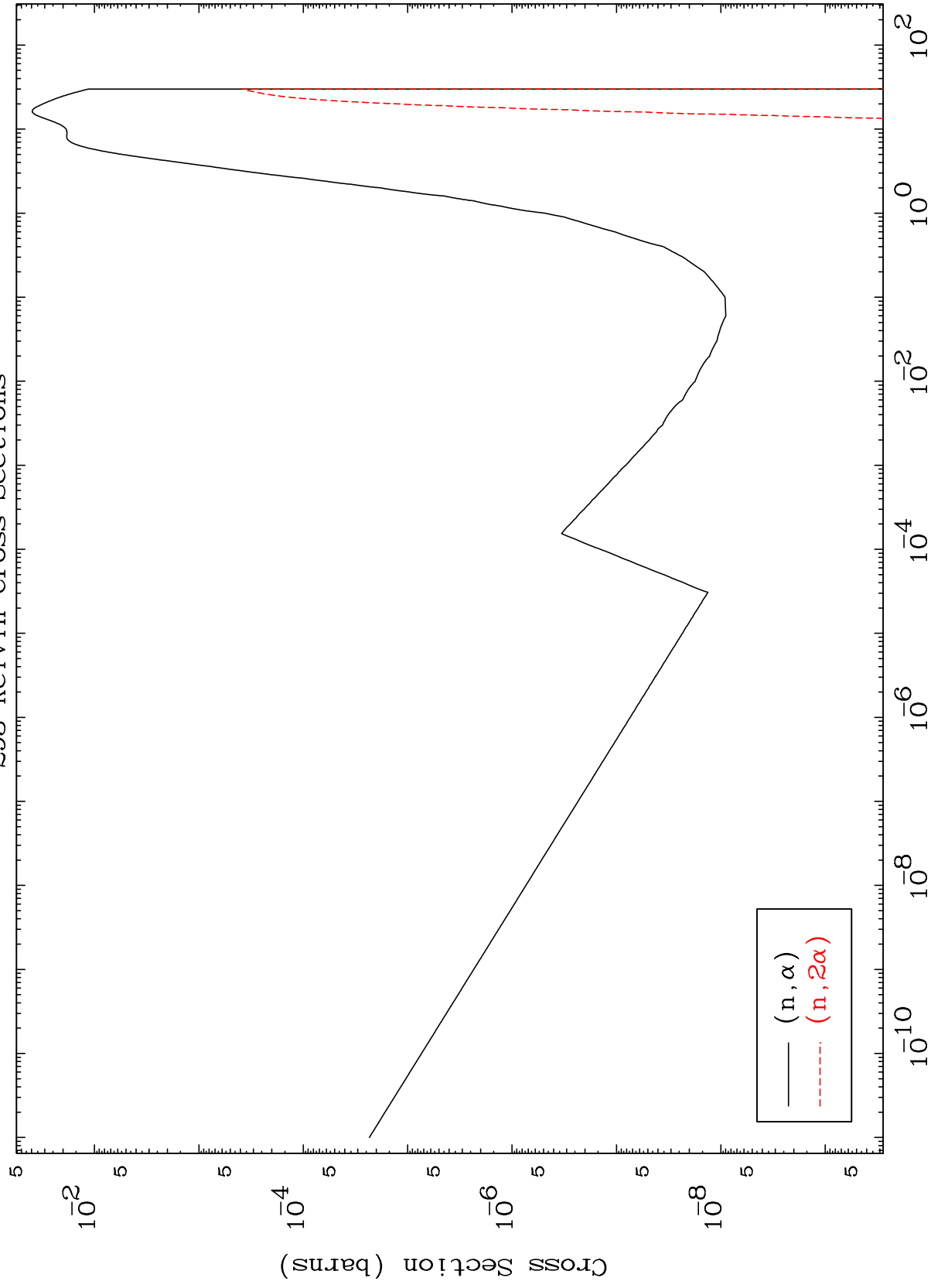
Incident Energy (MeV)

38-Sr-82

MAT 3819

(n, α) Levels
293 Kelvin Cross Sections

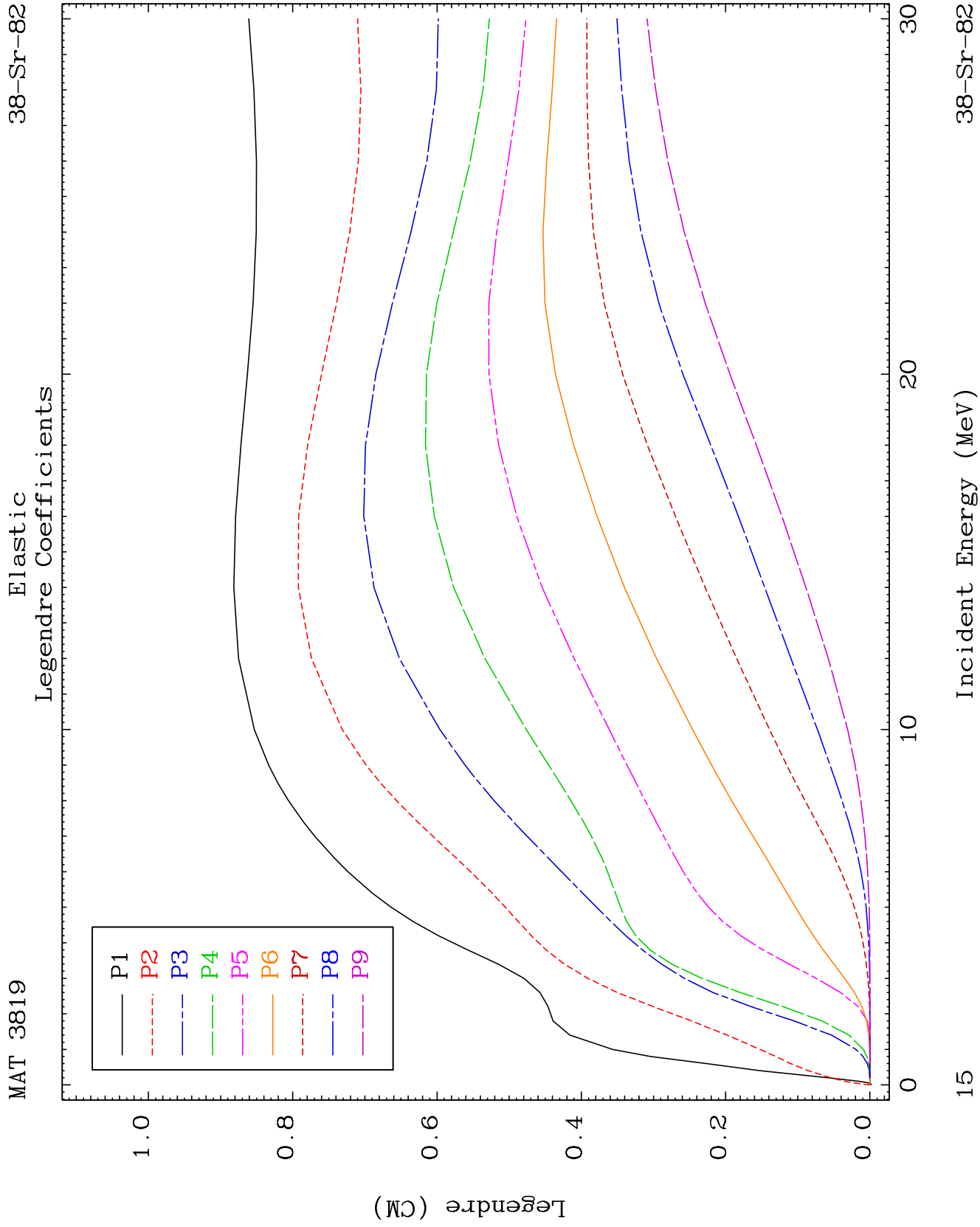
38-Sr-82

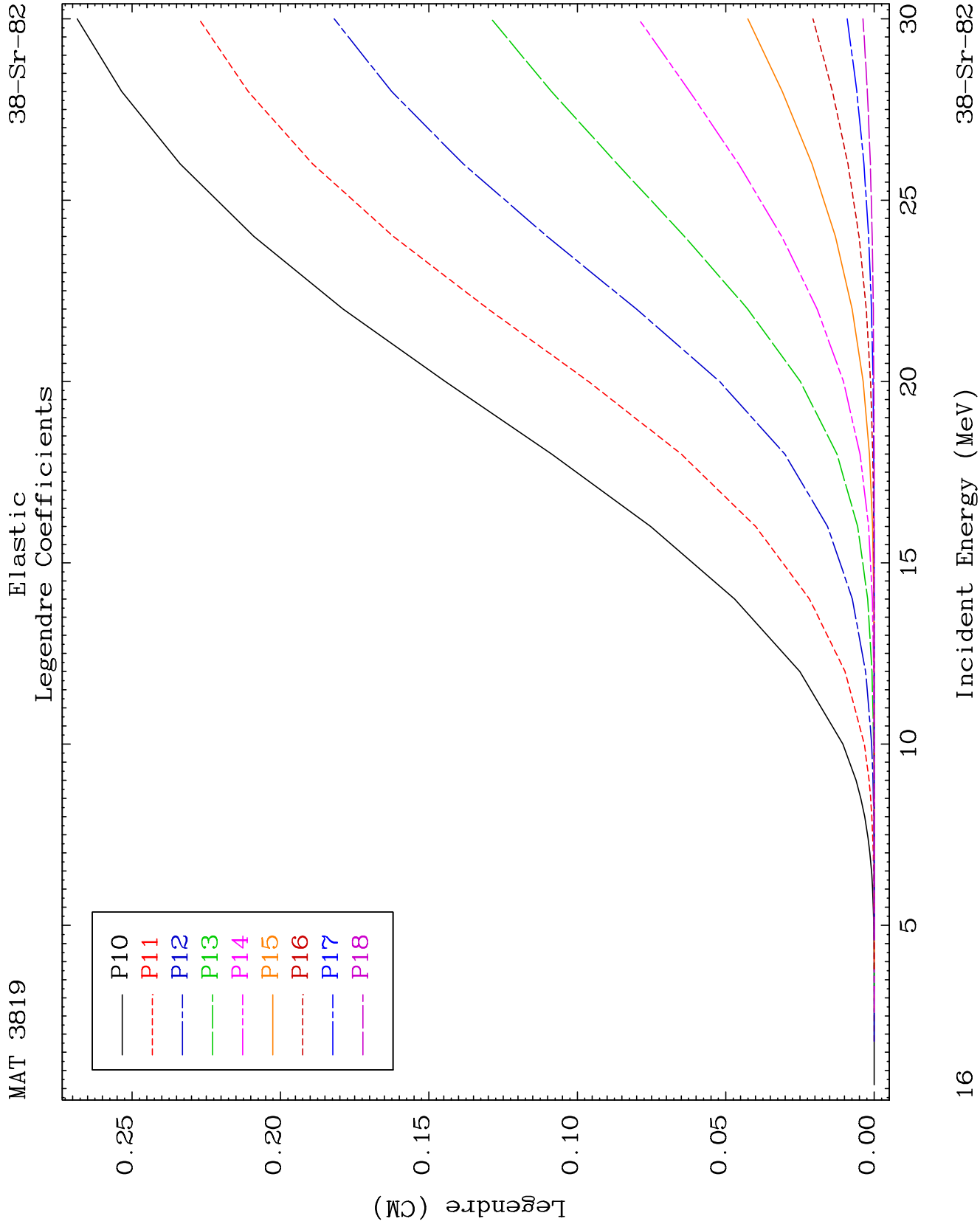


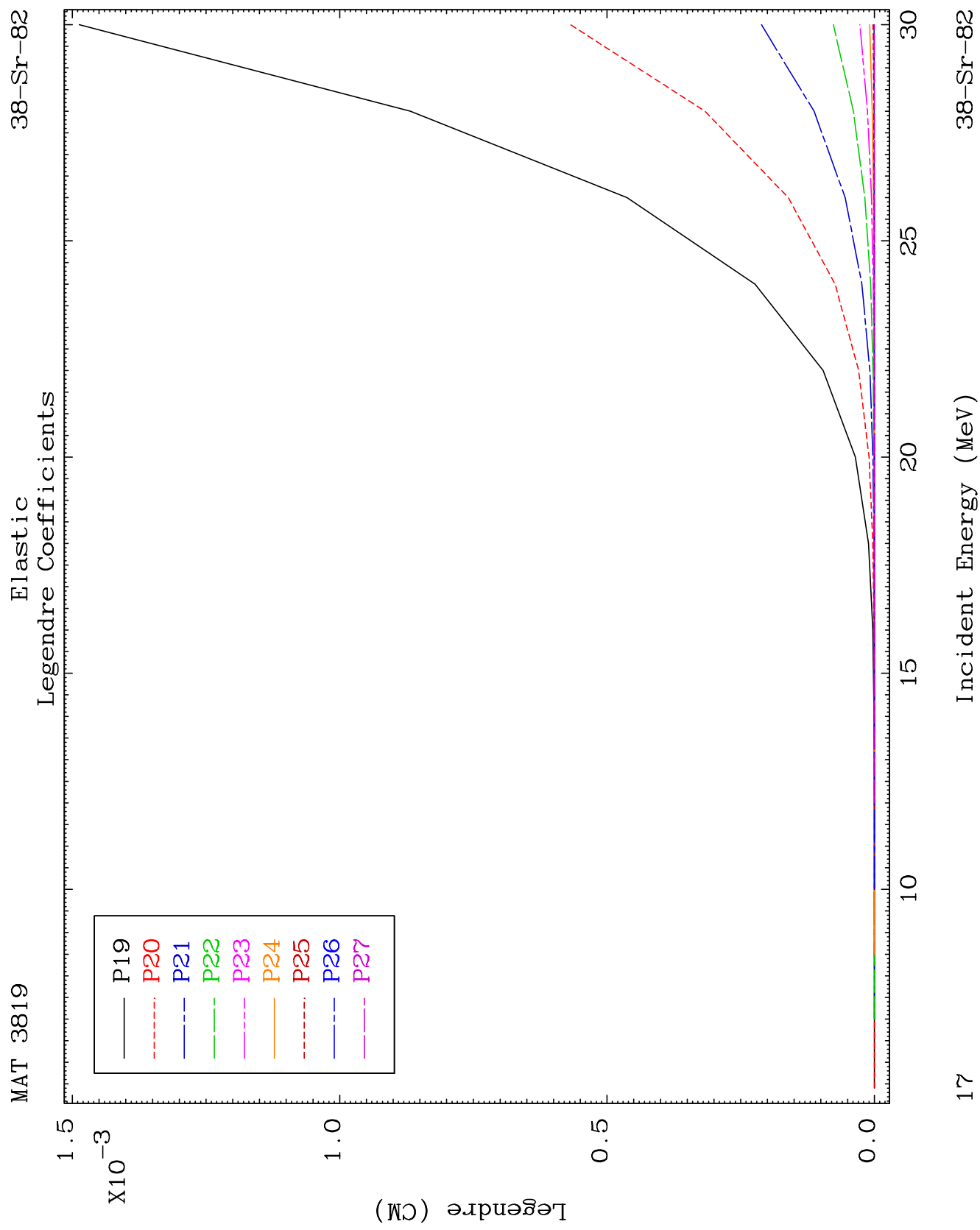
14

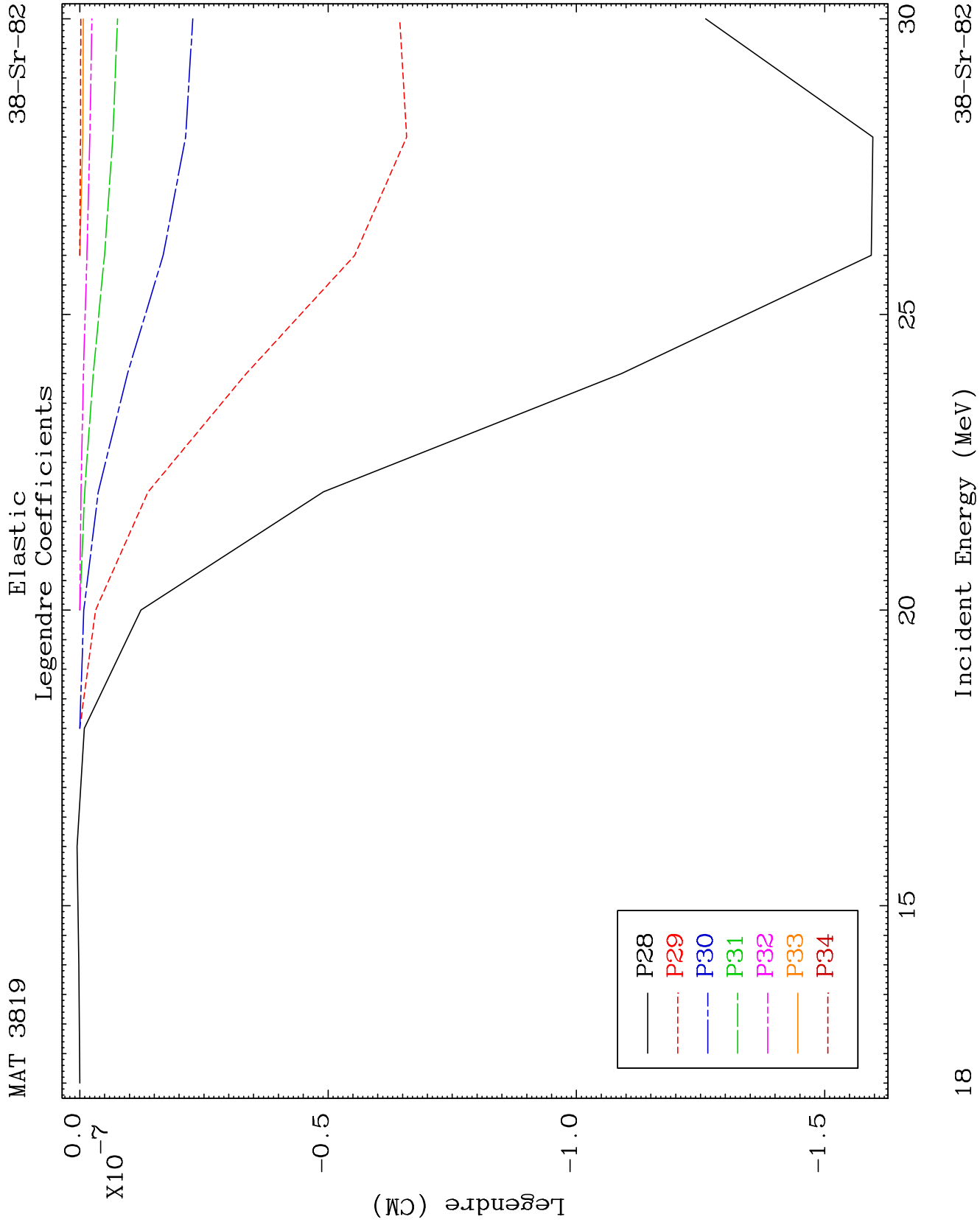
Incident Energy (MeV)

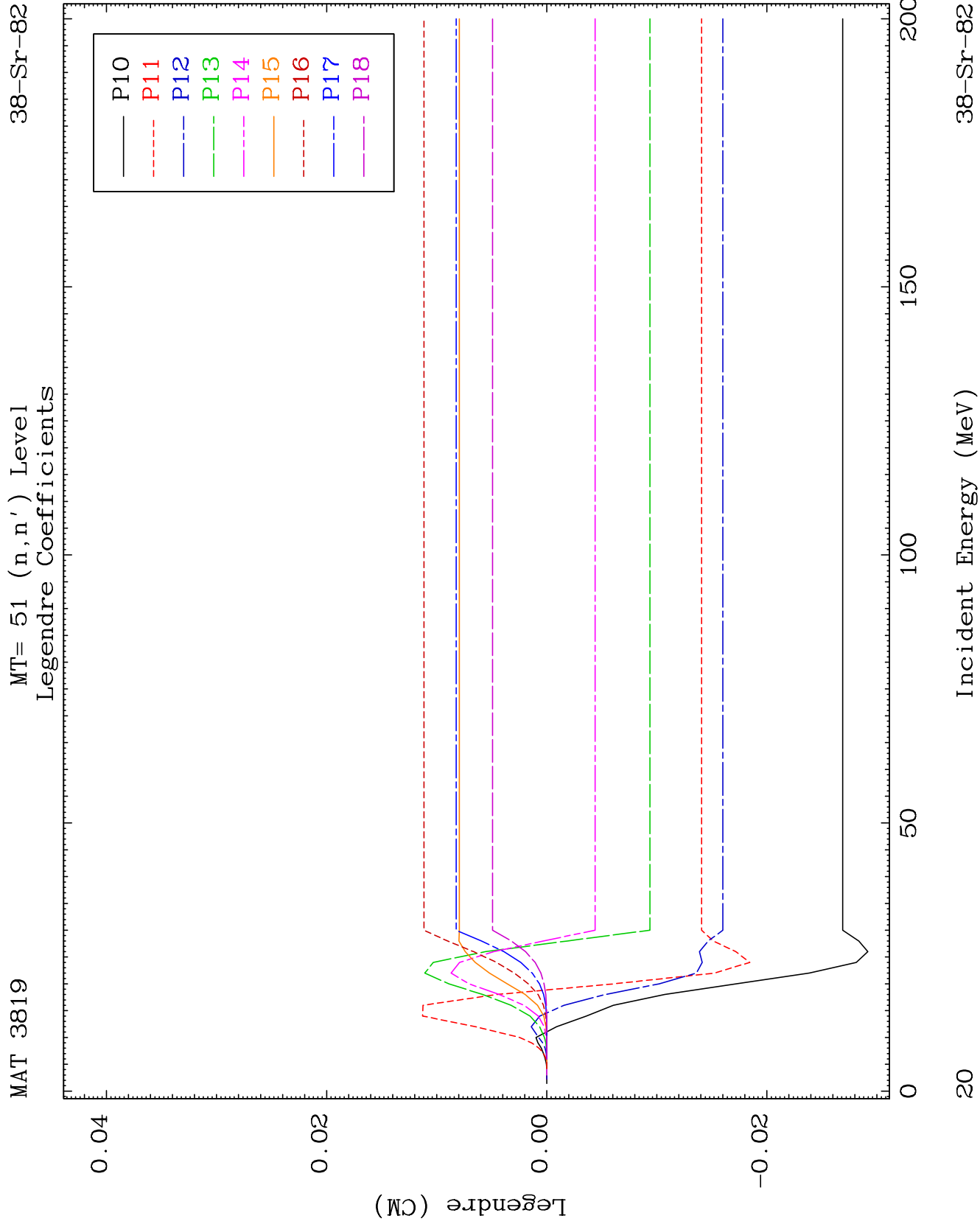
38-Sr-82







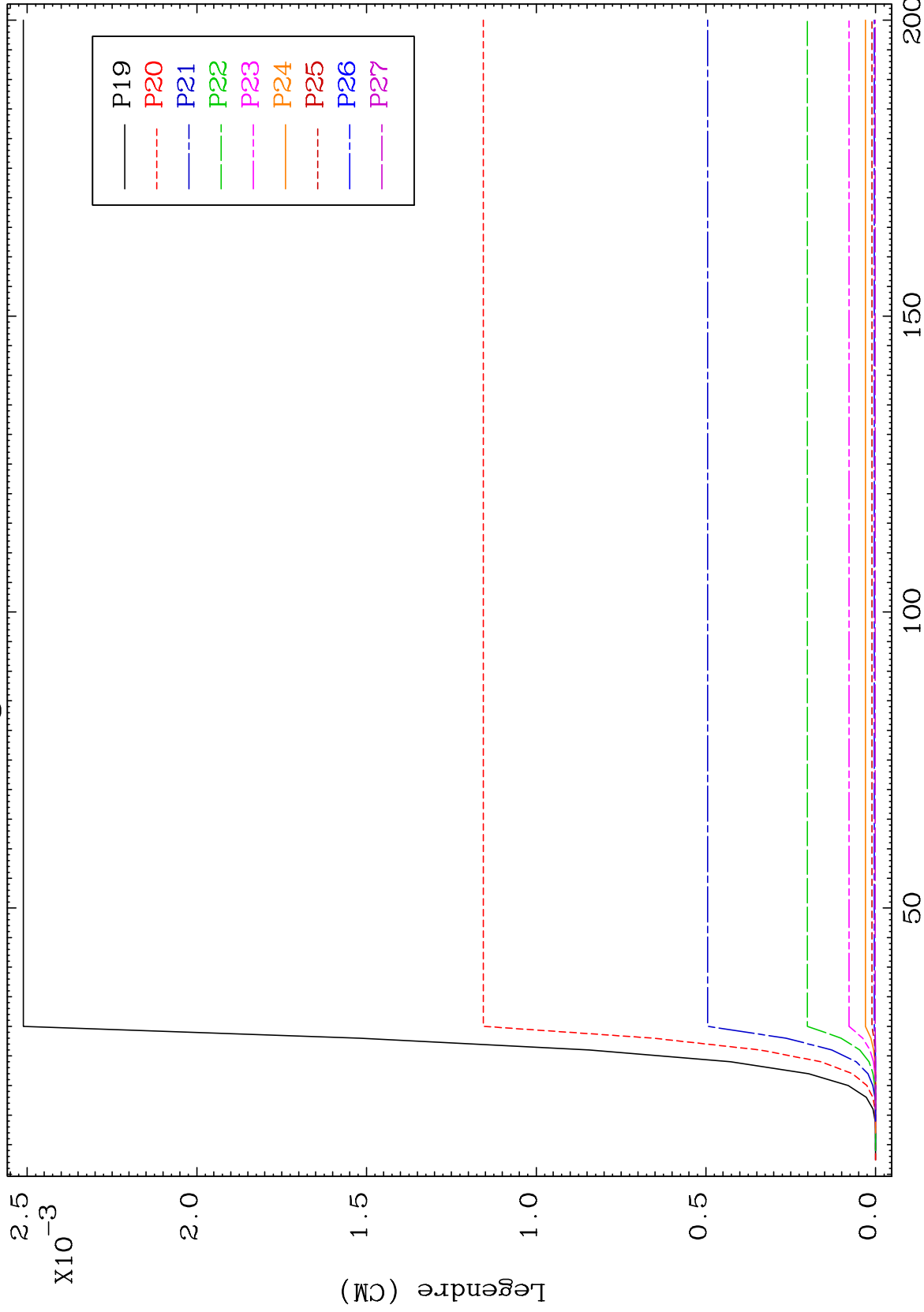




MAT 3819

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

38-Sr-82



21

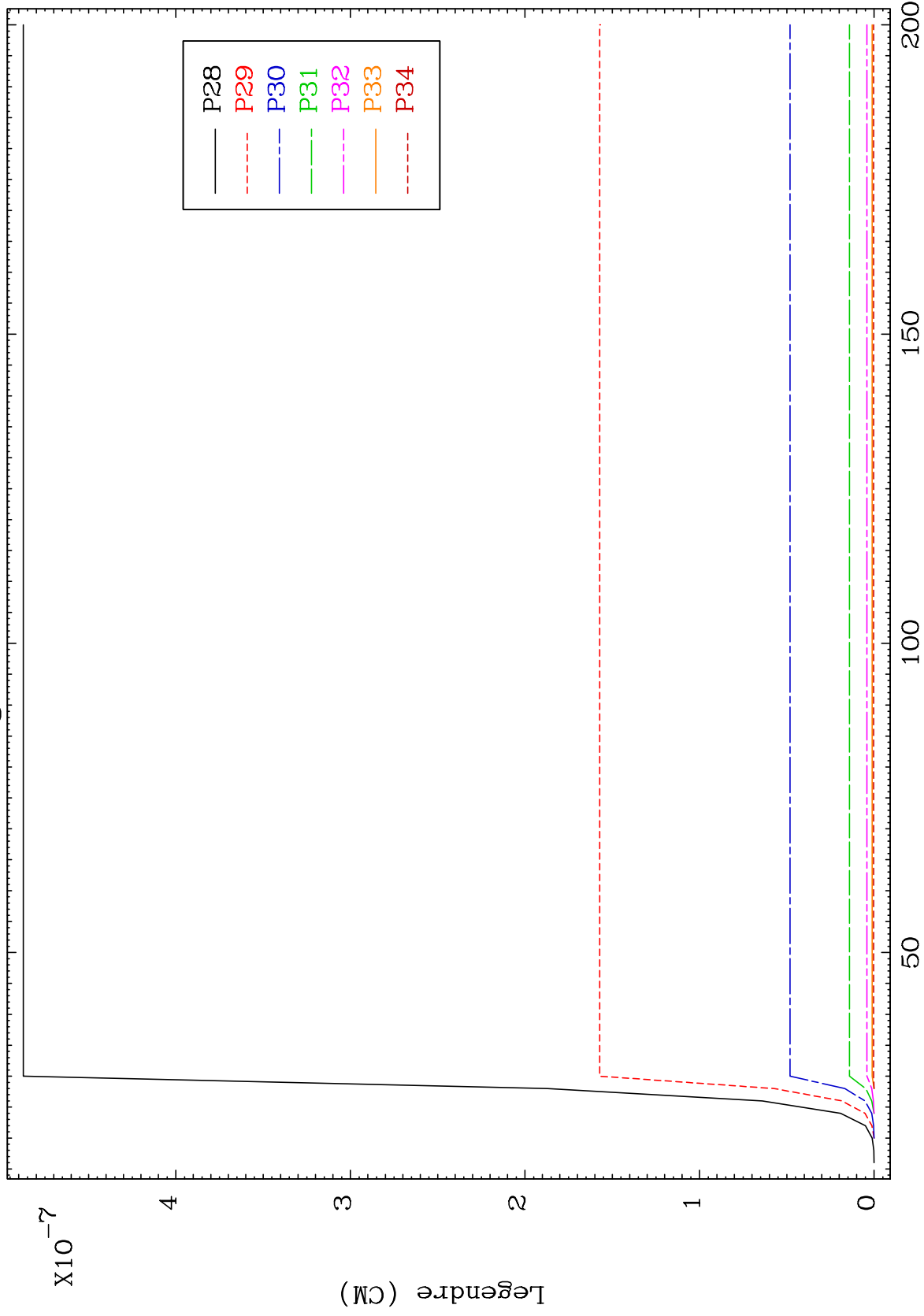
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

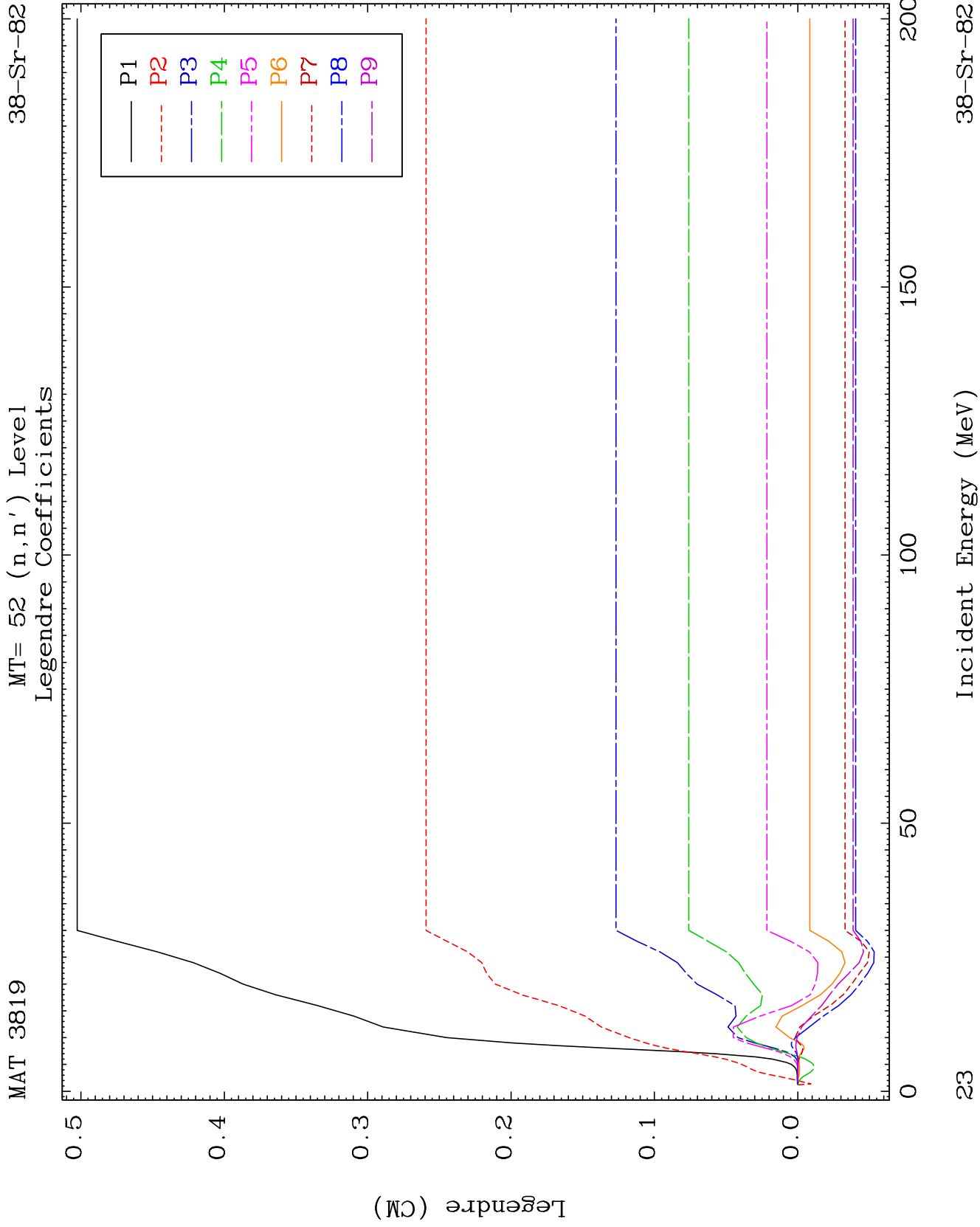
38-Sr-82



22

Incident Energy (MeV)

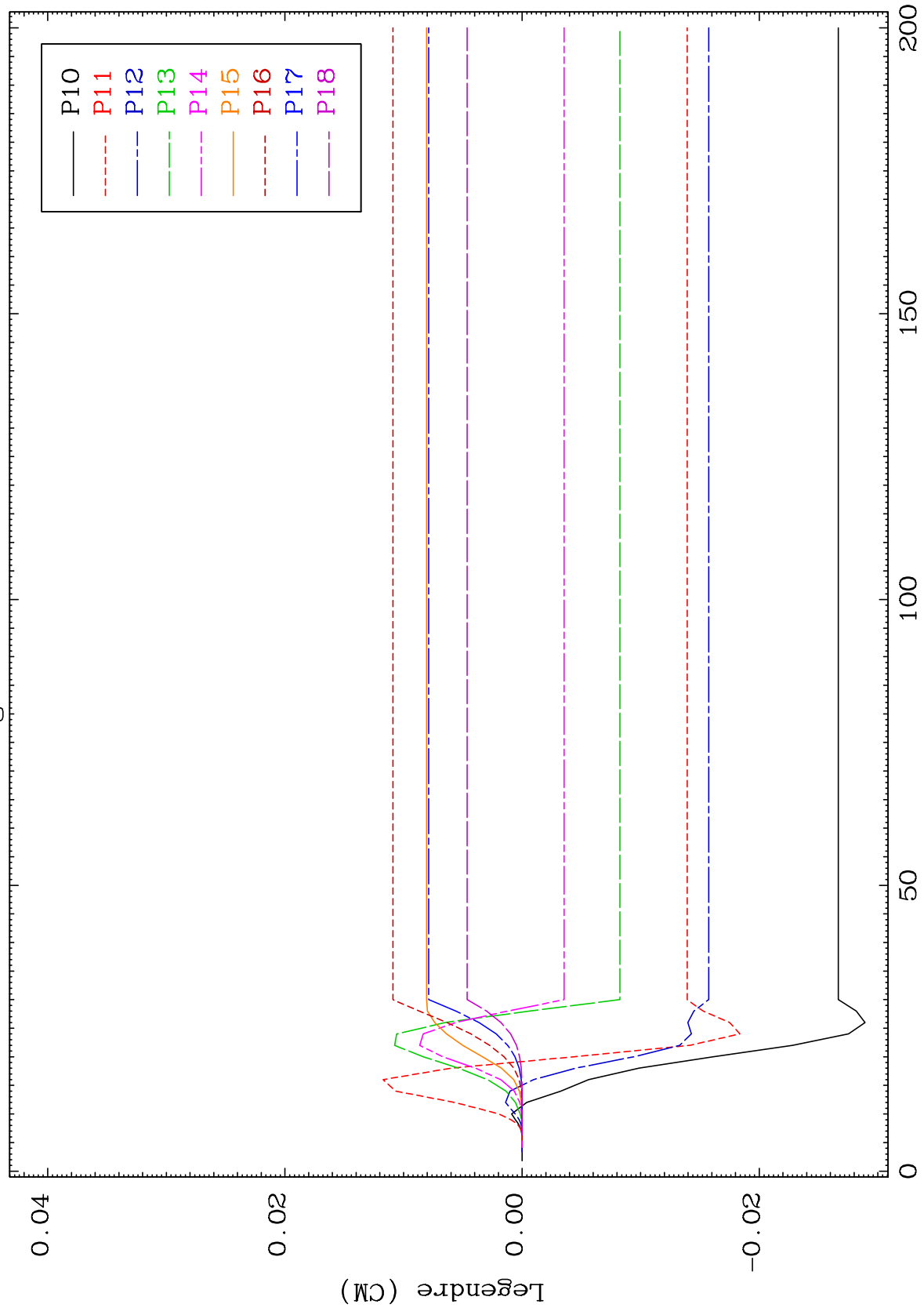
38-Sr-82



MAT 3819

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

38-Sr-82



24

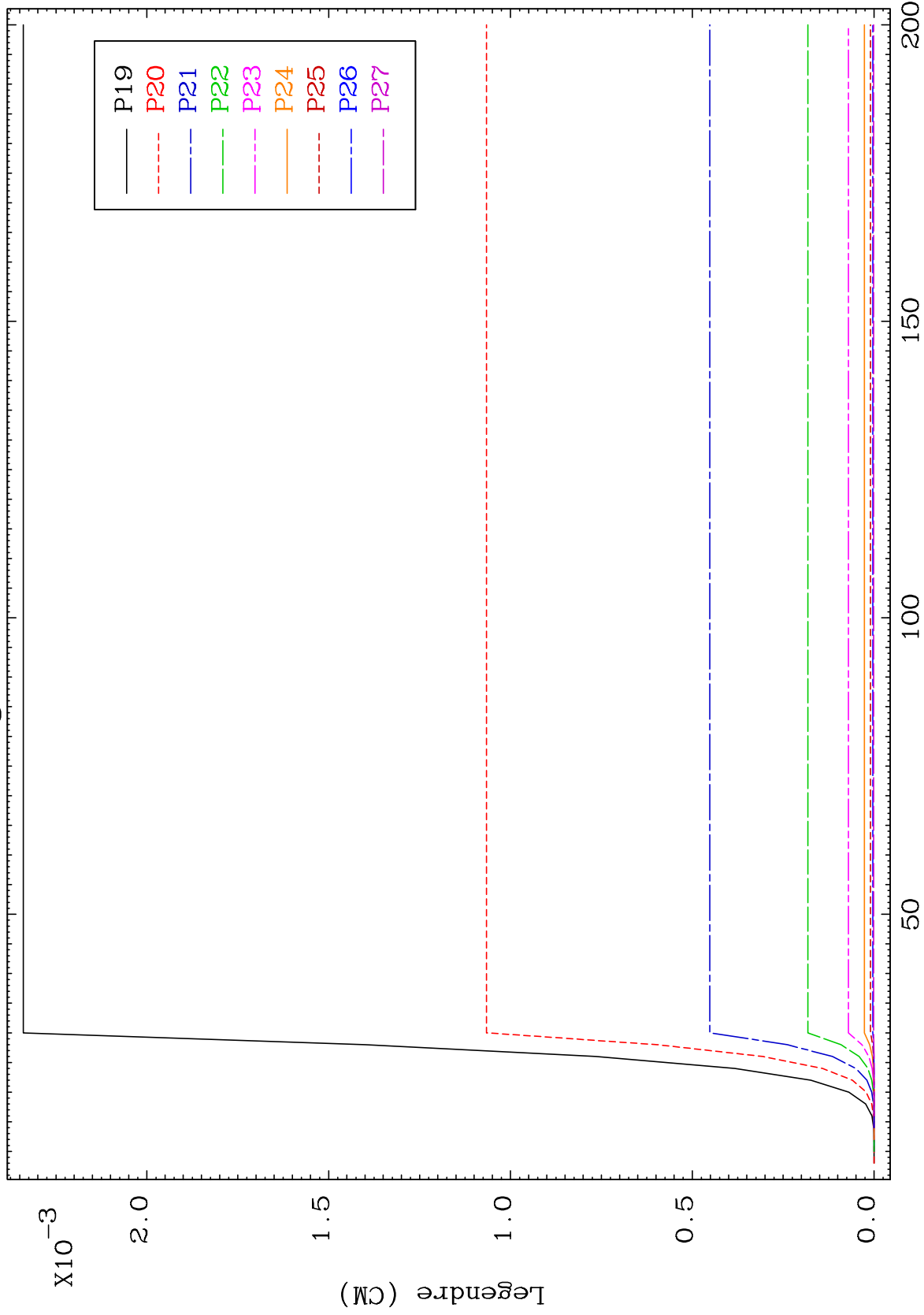
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

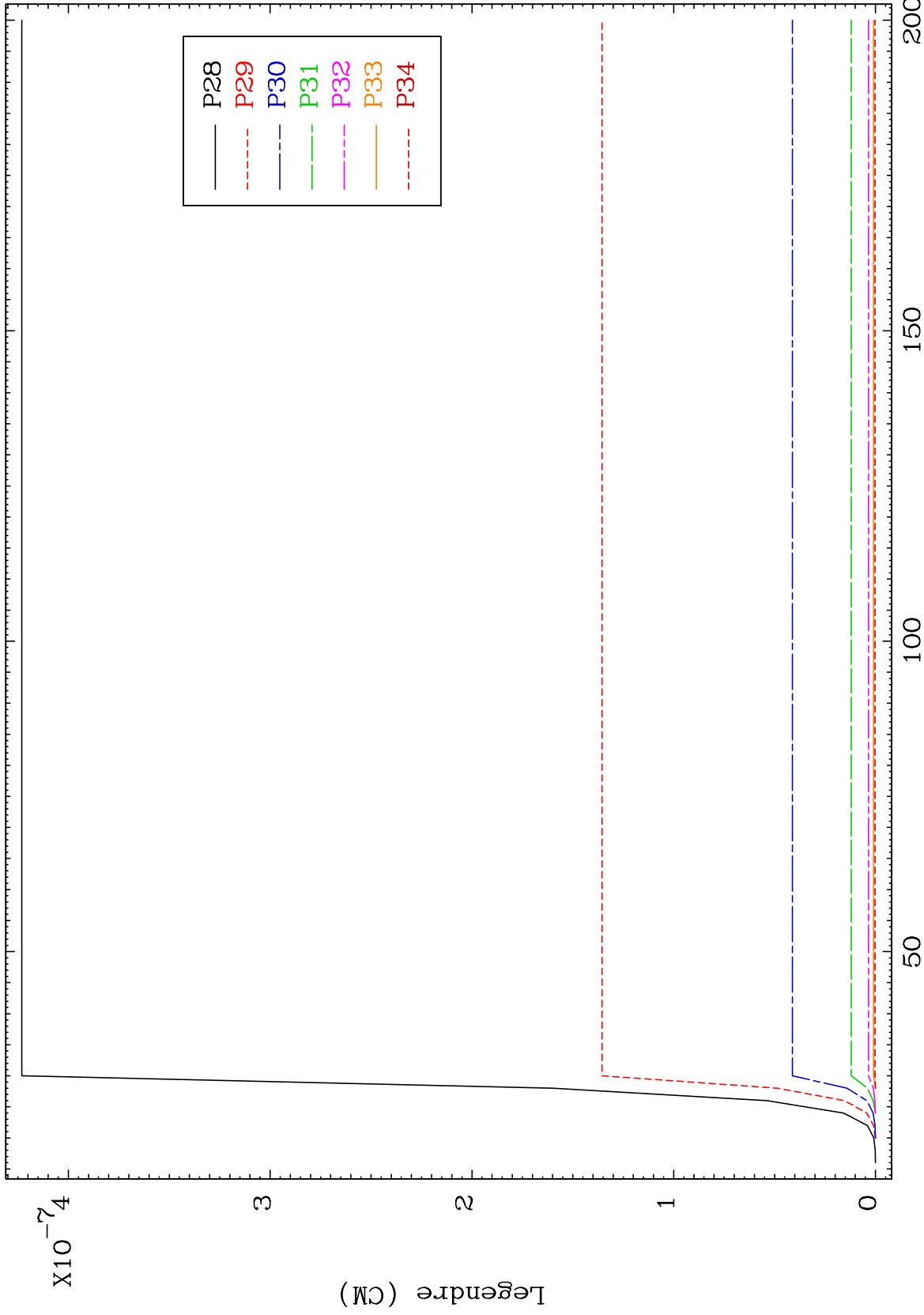
38-Sr-82

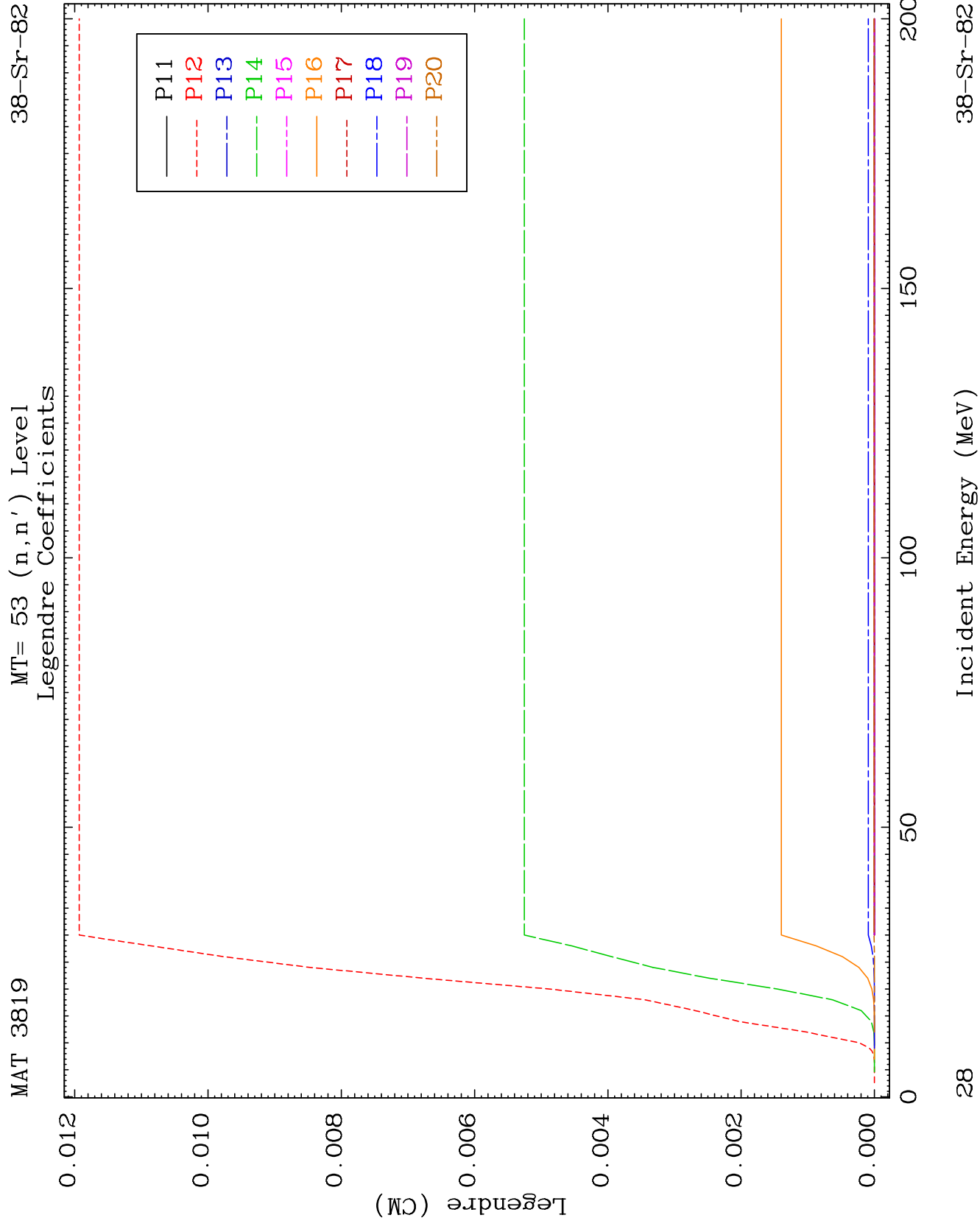


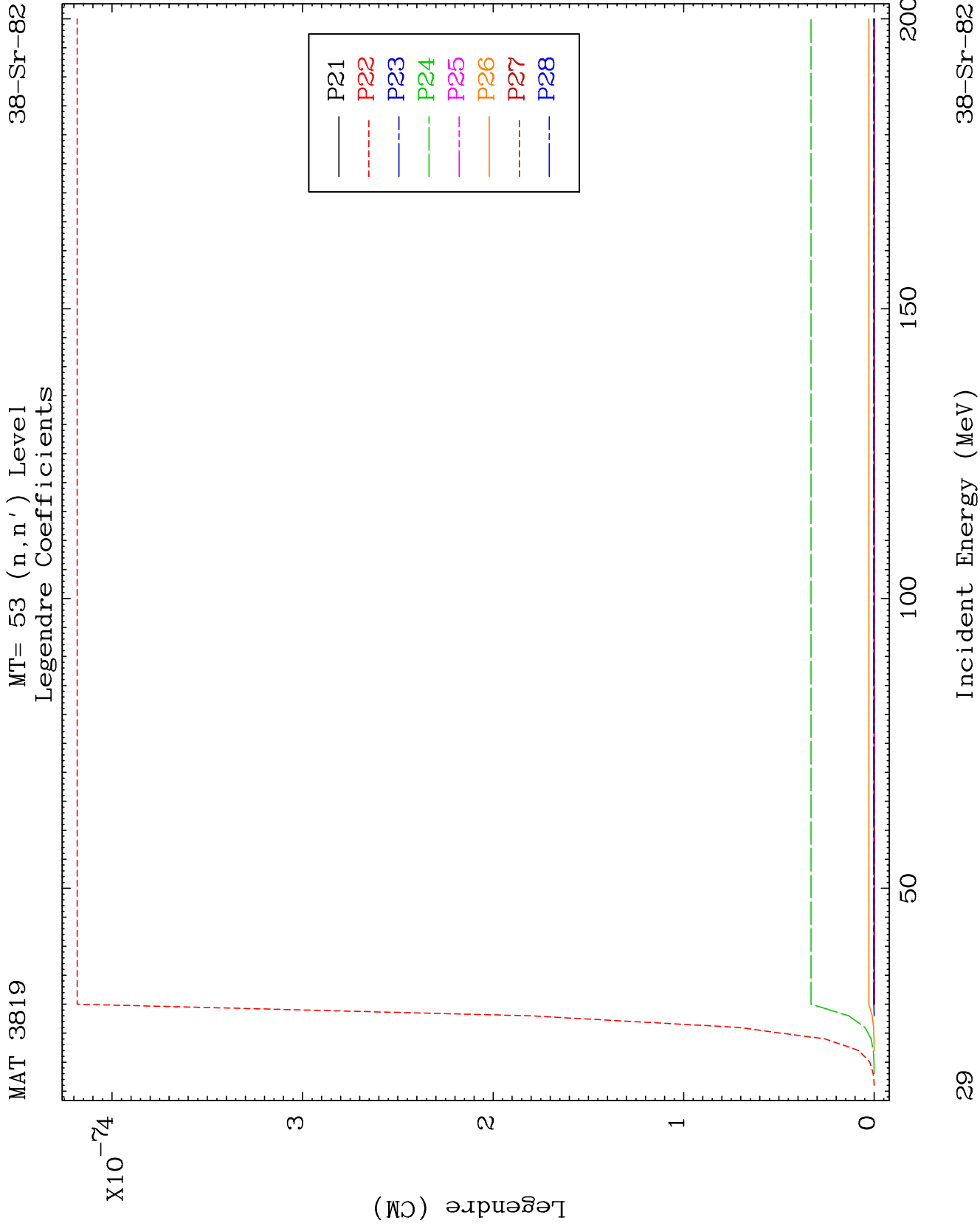
MAT 3819

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

38-Sr-82



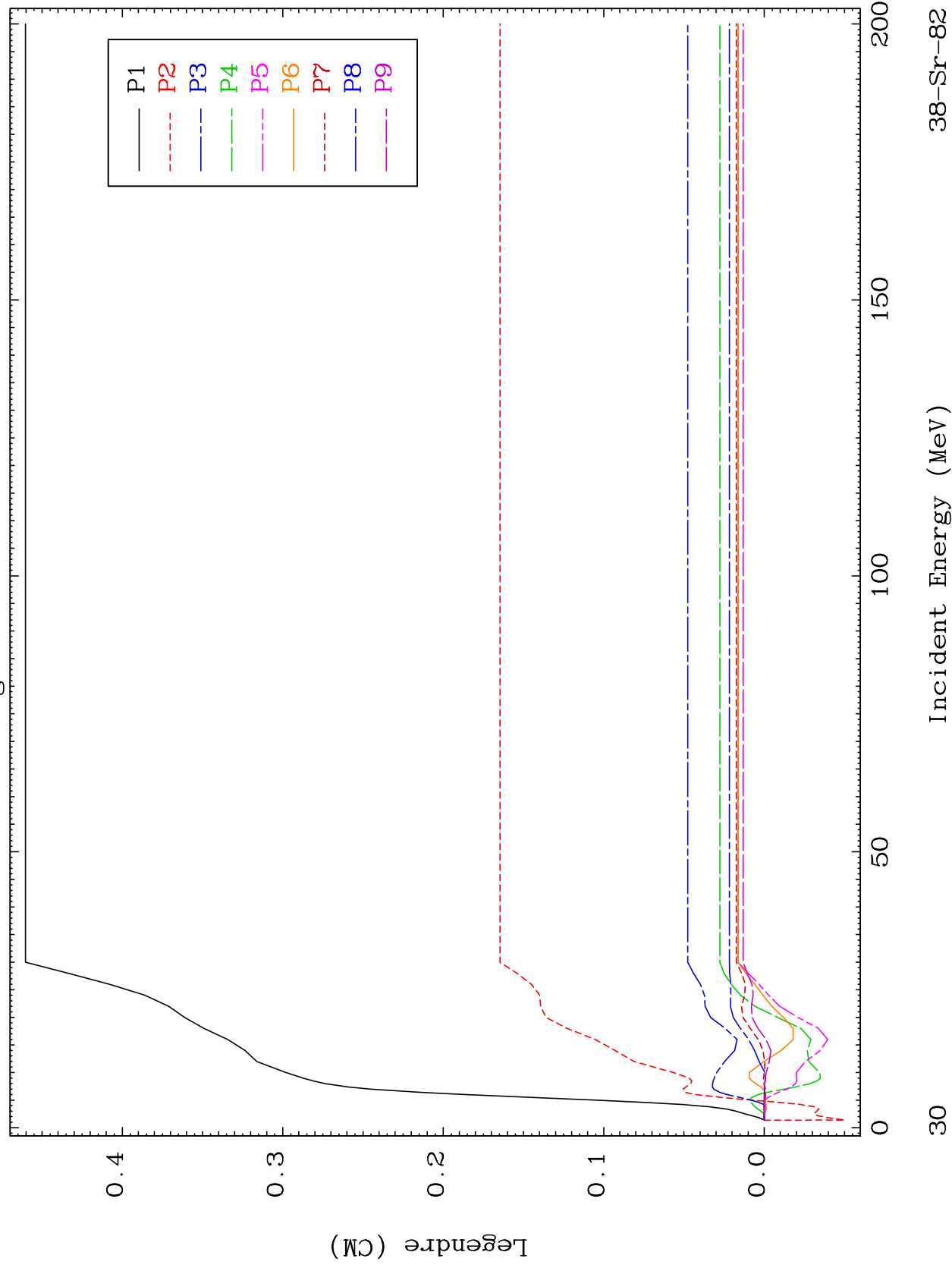




MAT 3819

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

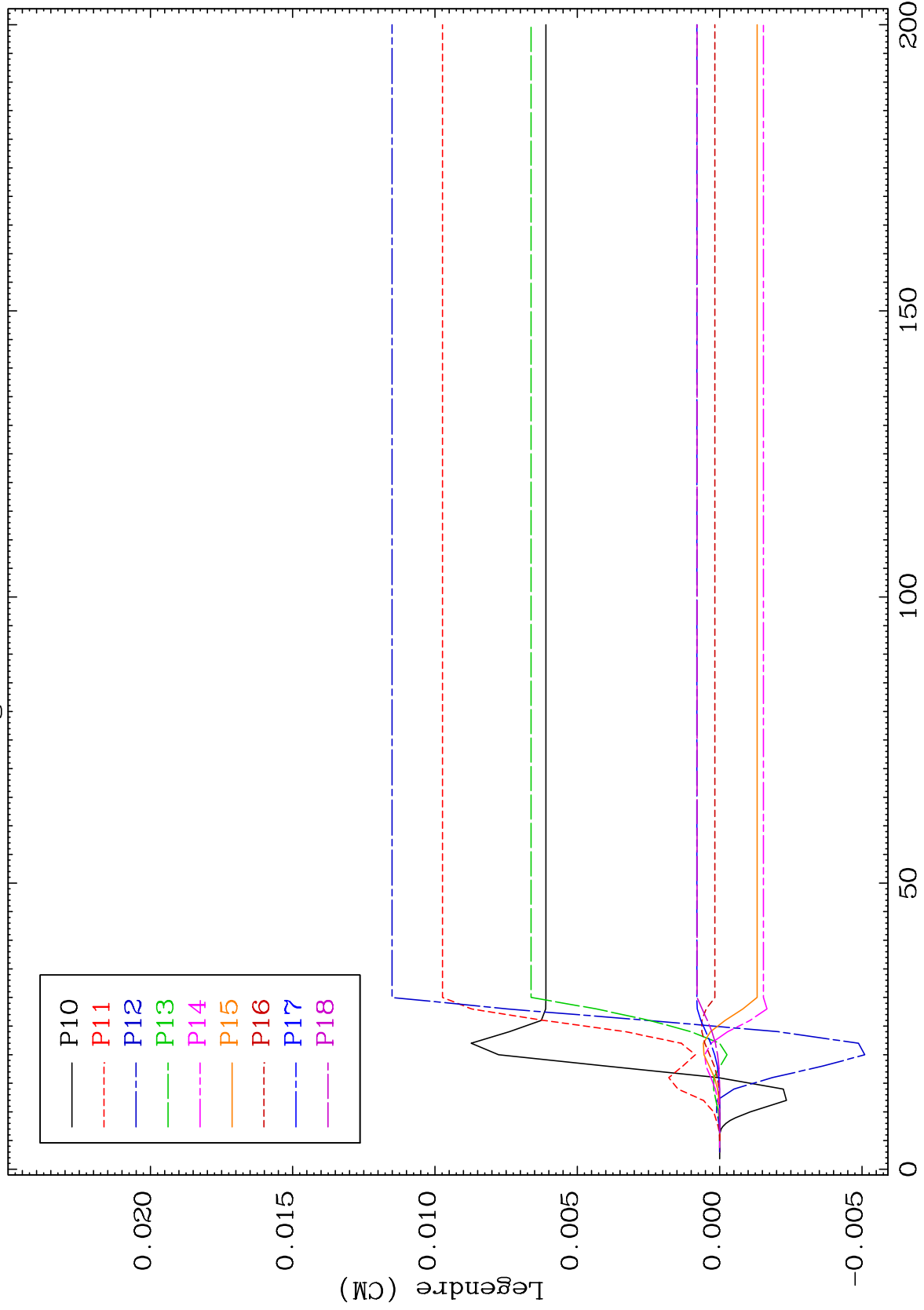
38-Sr-82



MAT 3819

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

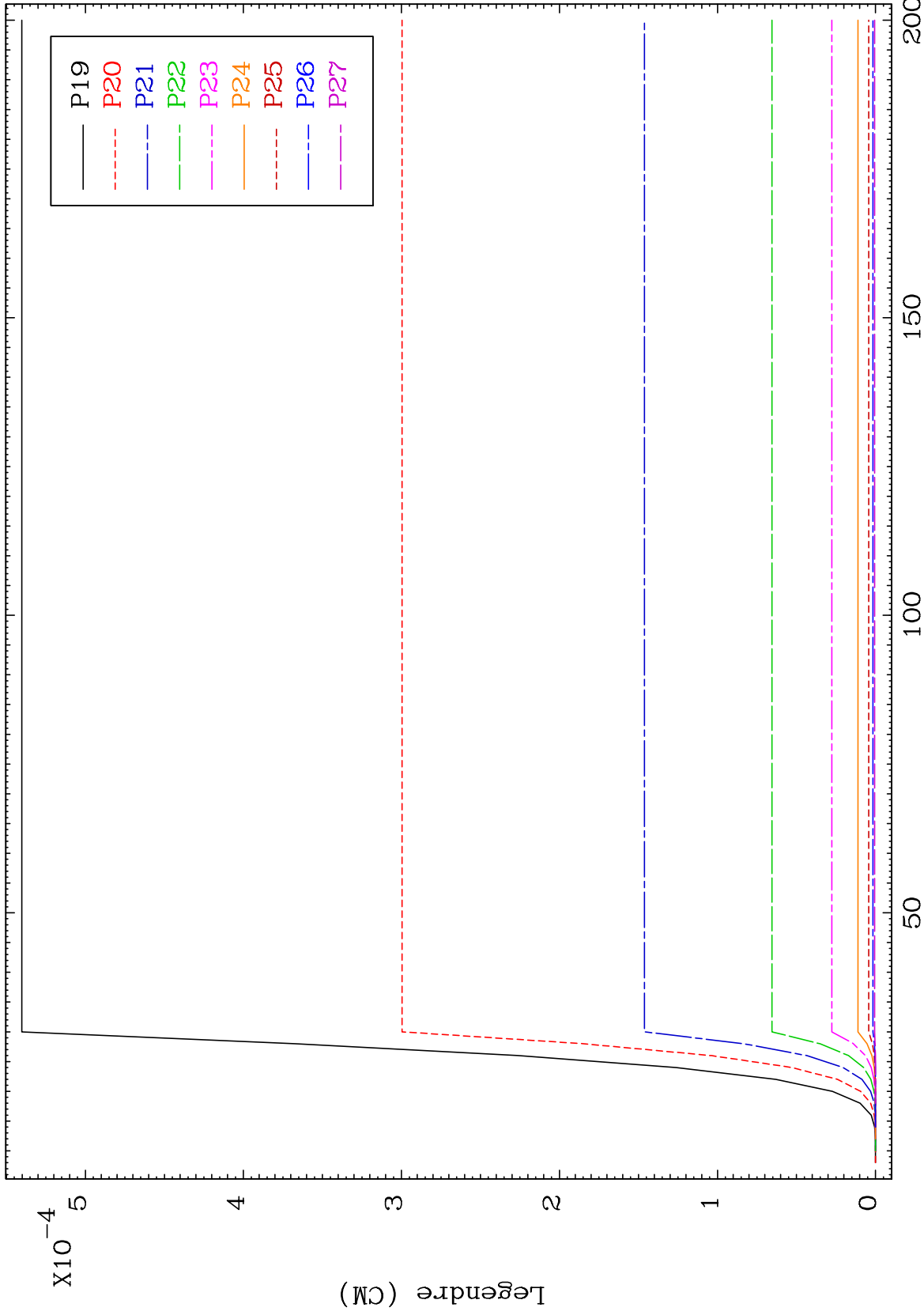
38-Sr-82



MAT 3819

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

38-Sr-82



32

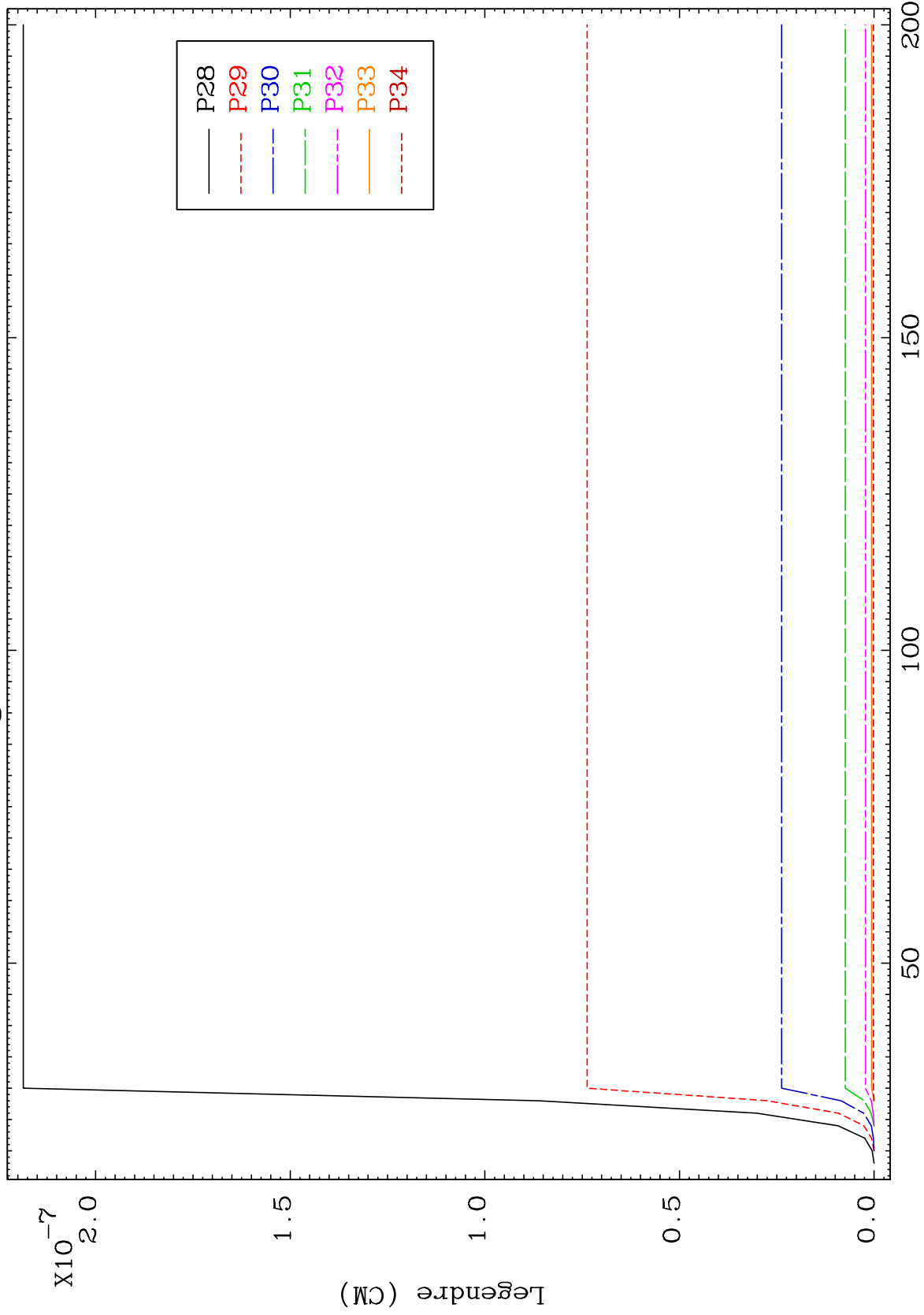
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

38-Sr-82



33

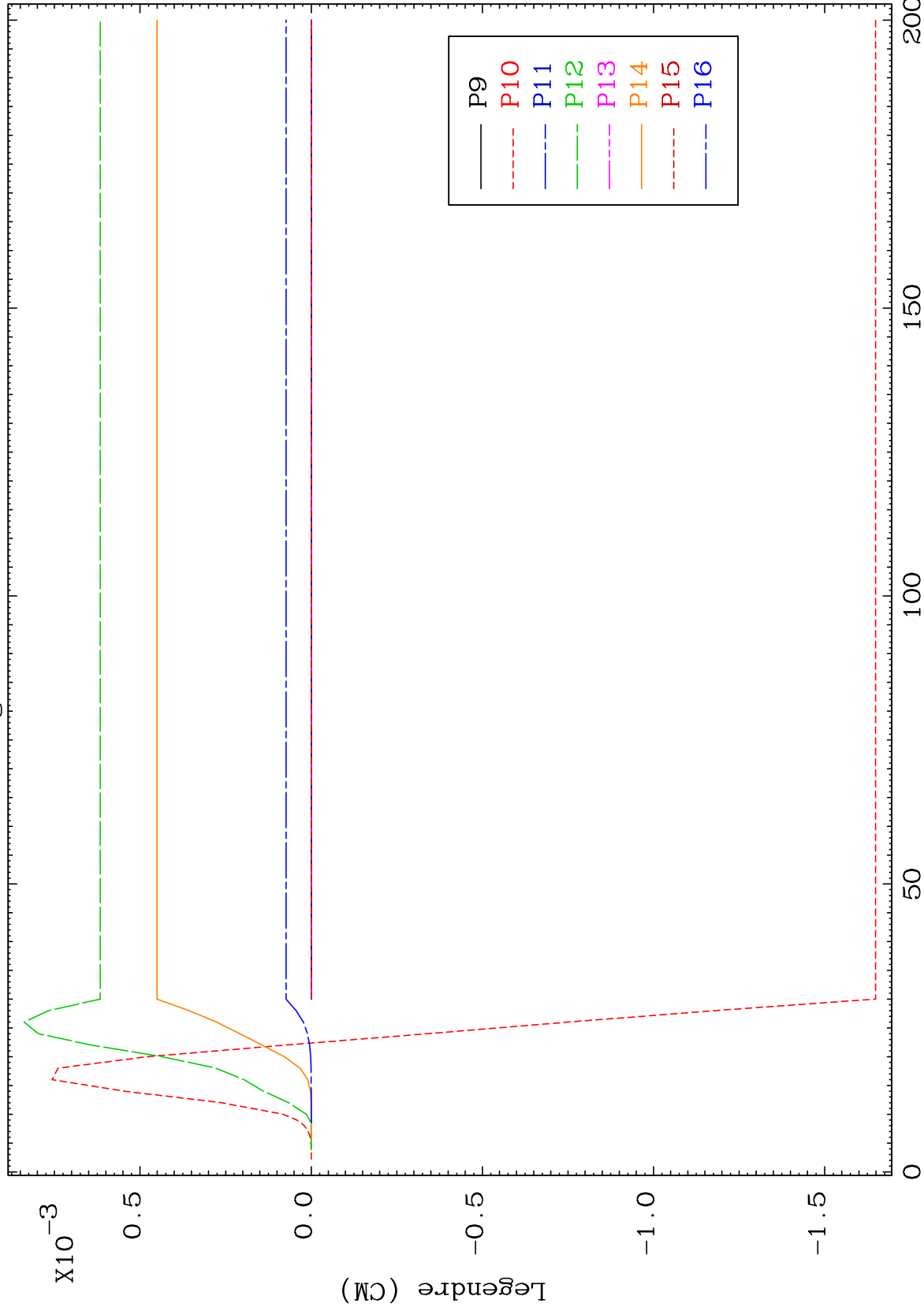
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

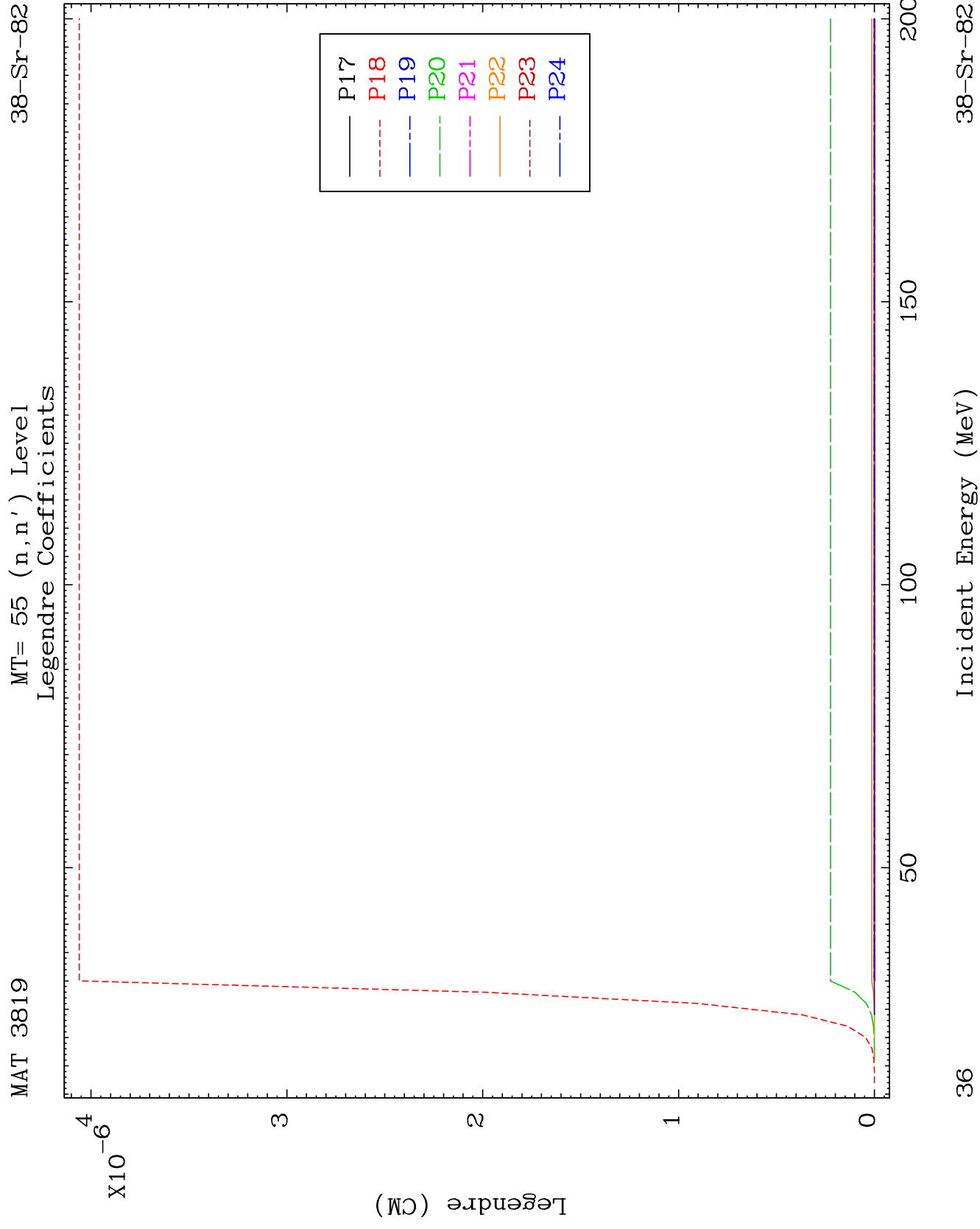
38-Sr-82

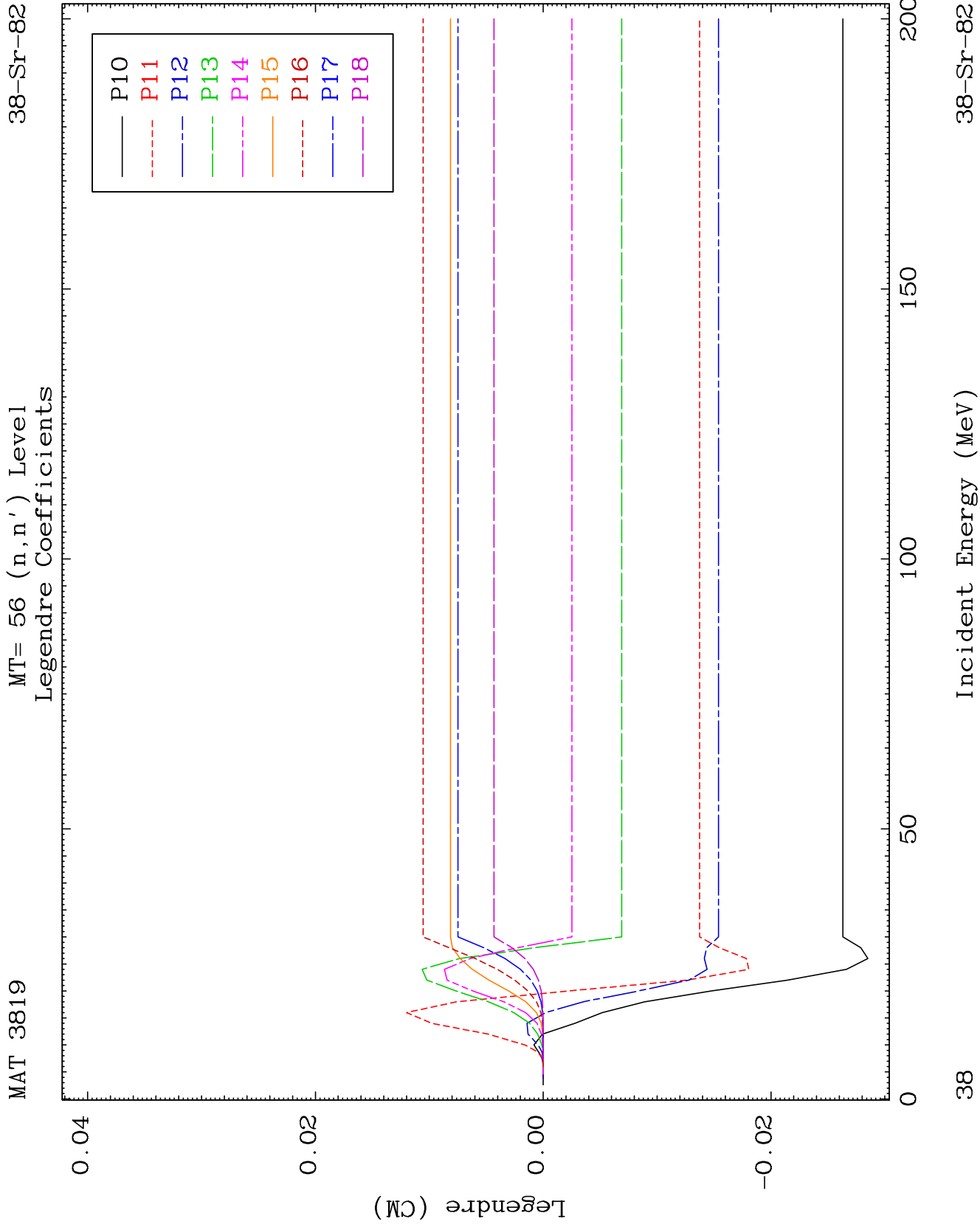


35

Incident Energy (MeV)

38-Sr-82

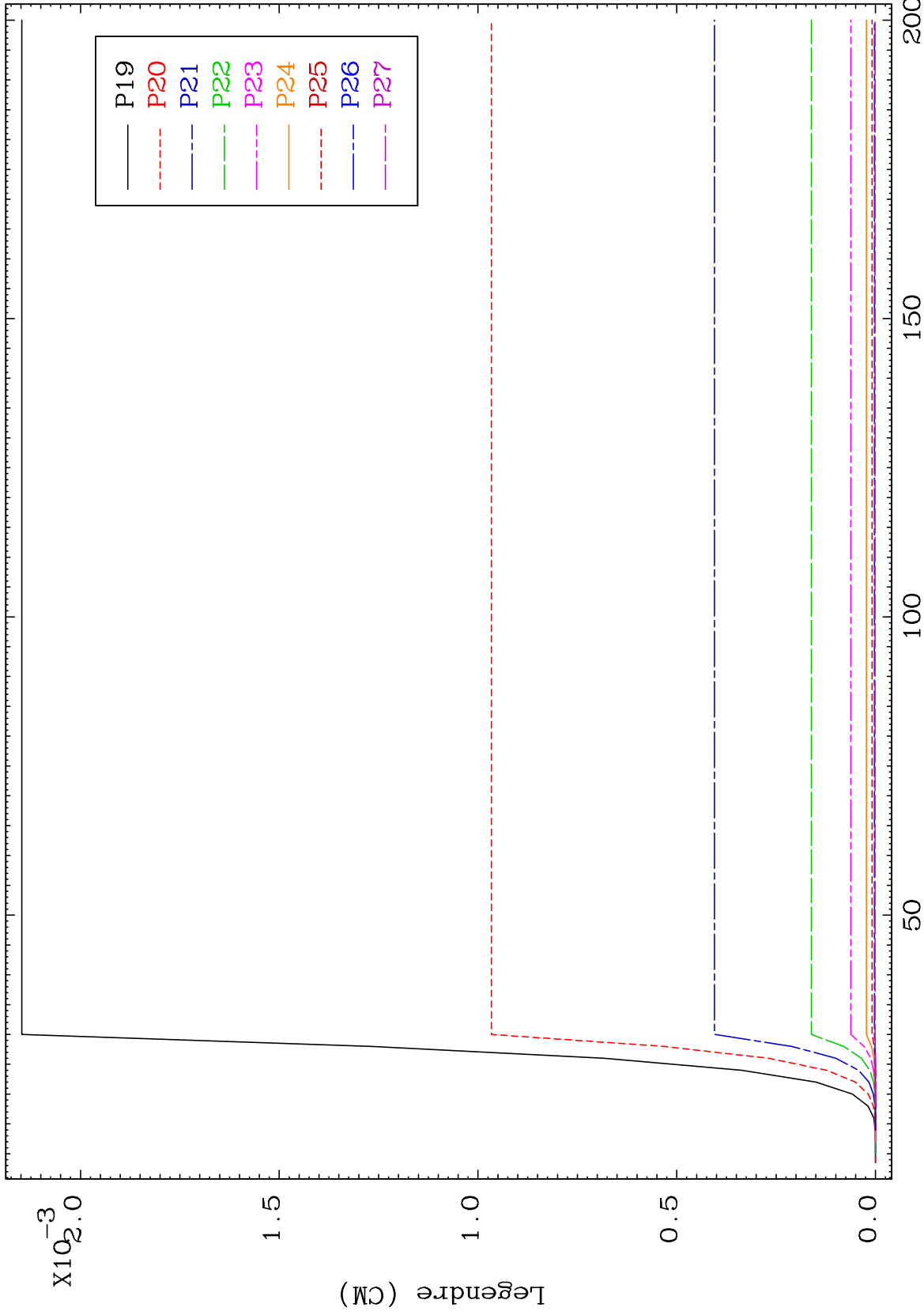




MAT 3819

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

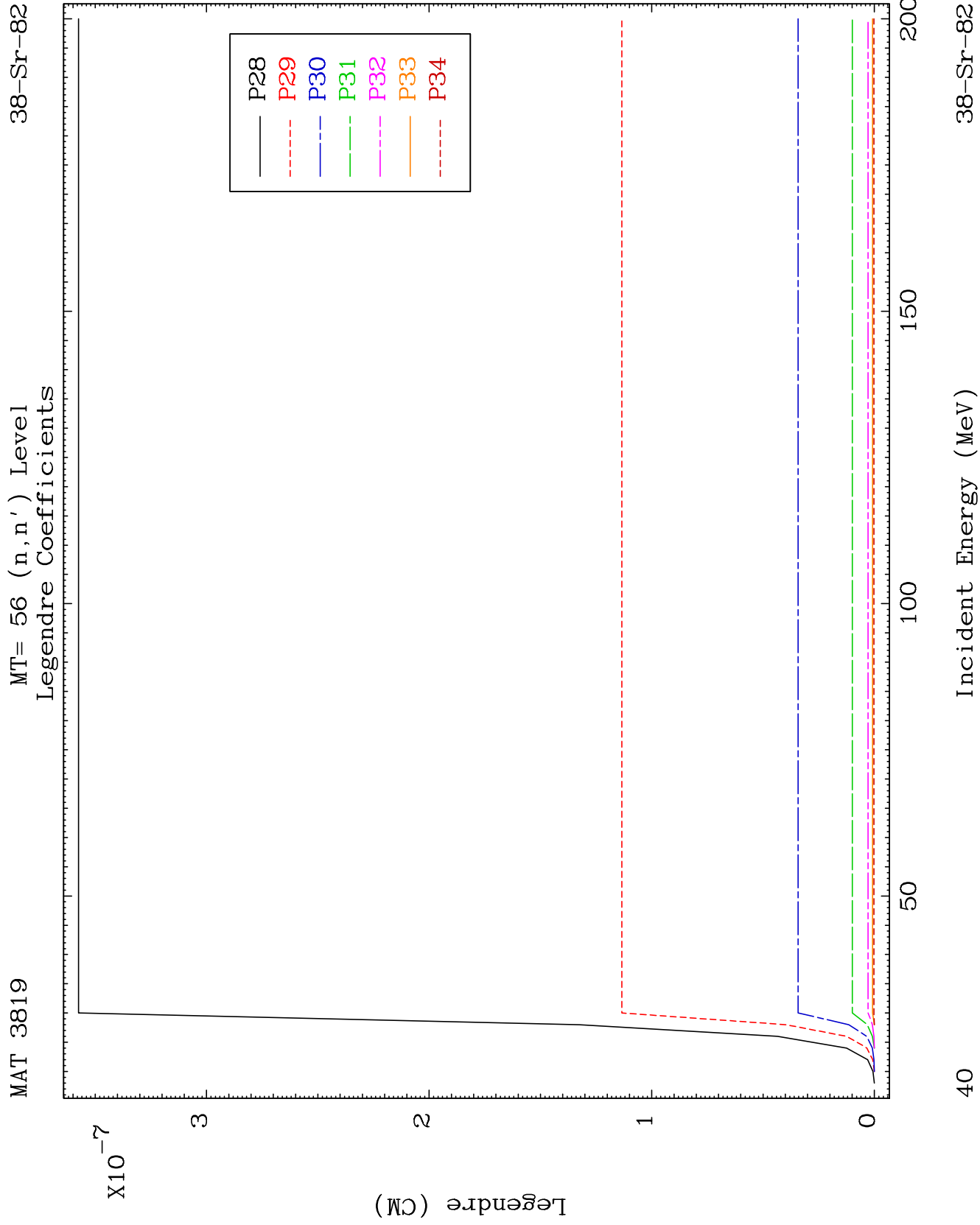
38-Sr-82



39

Incident Energy (MeV)

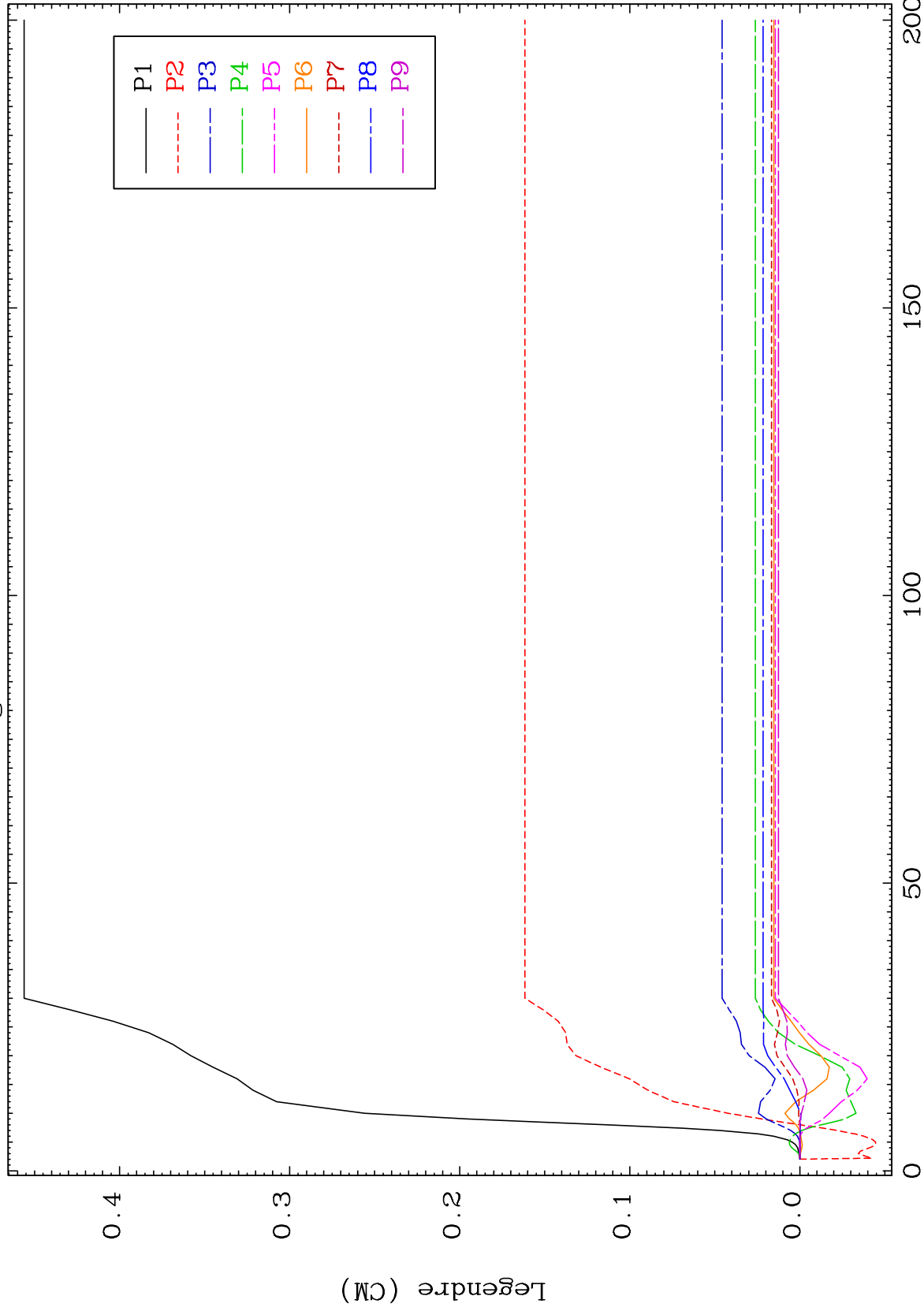
38-Sr-82



MAT 3819

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

38-Sr-82



41

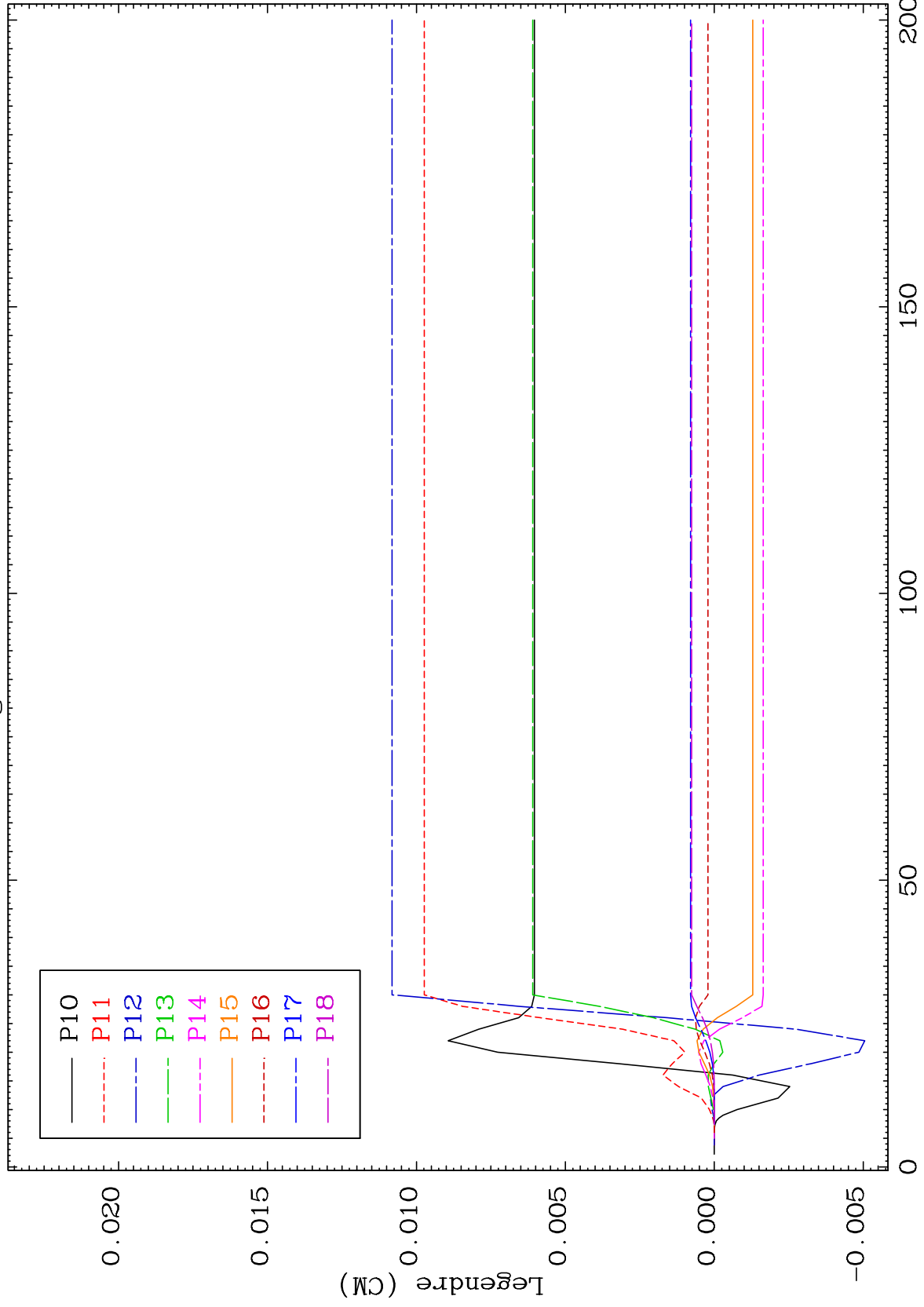
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

38-Sr-82



42

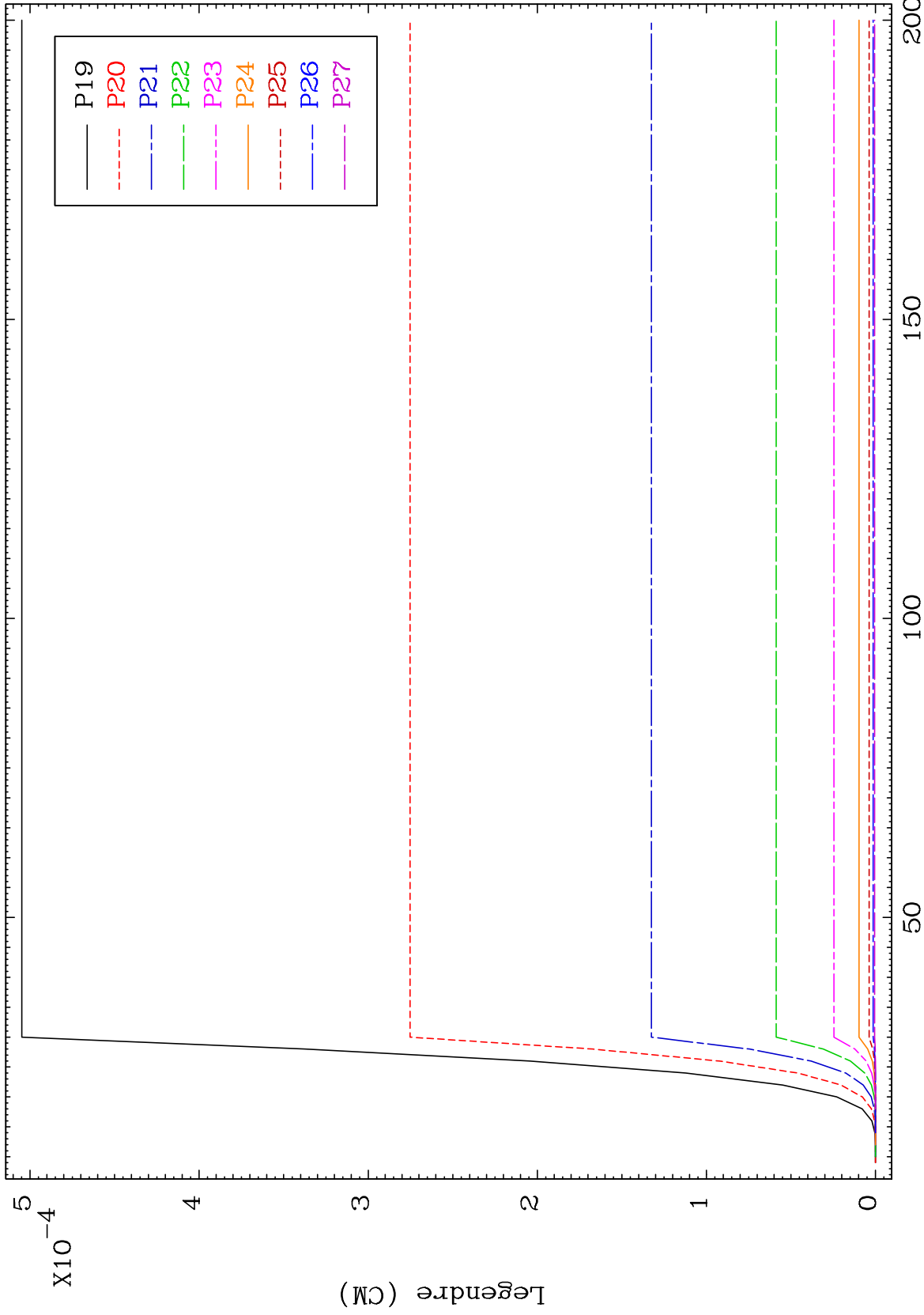
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

38-Sr-82



43

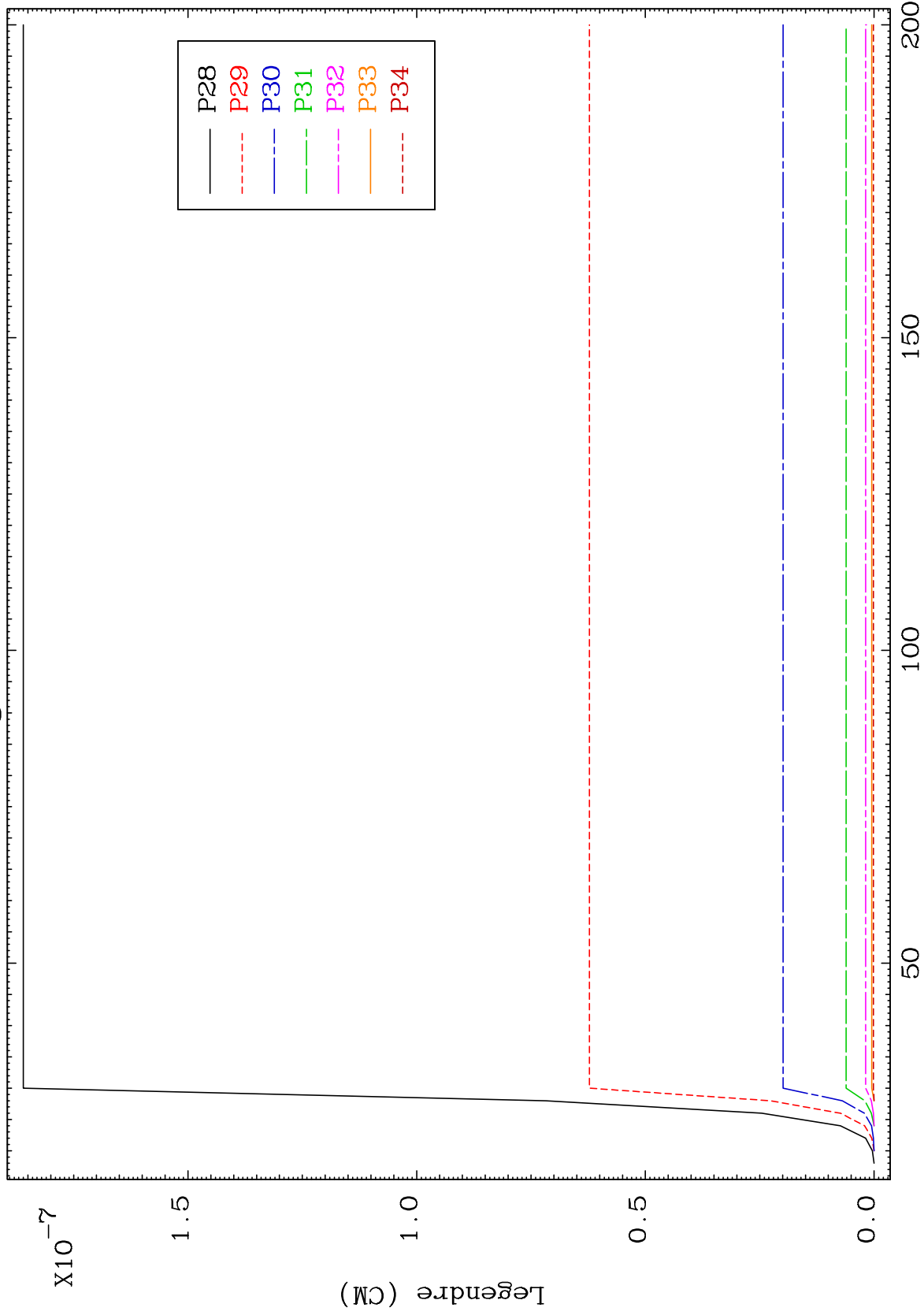
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

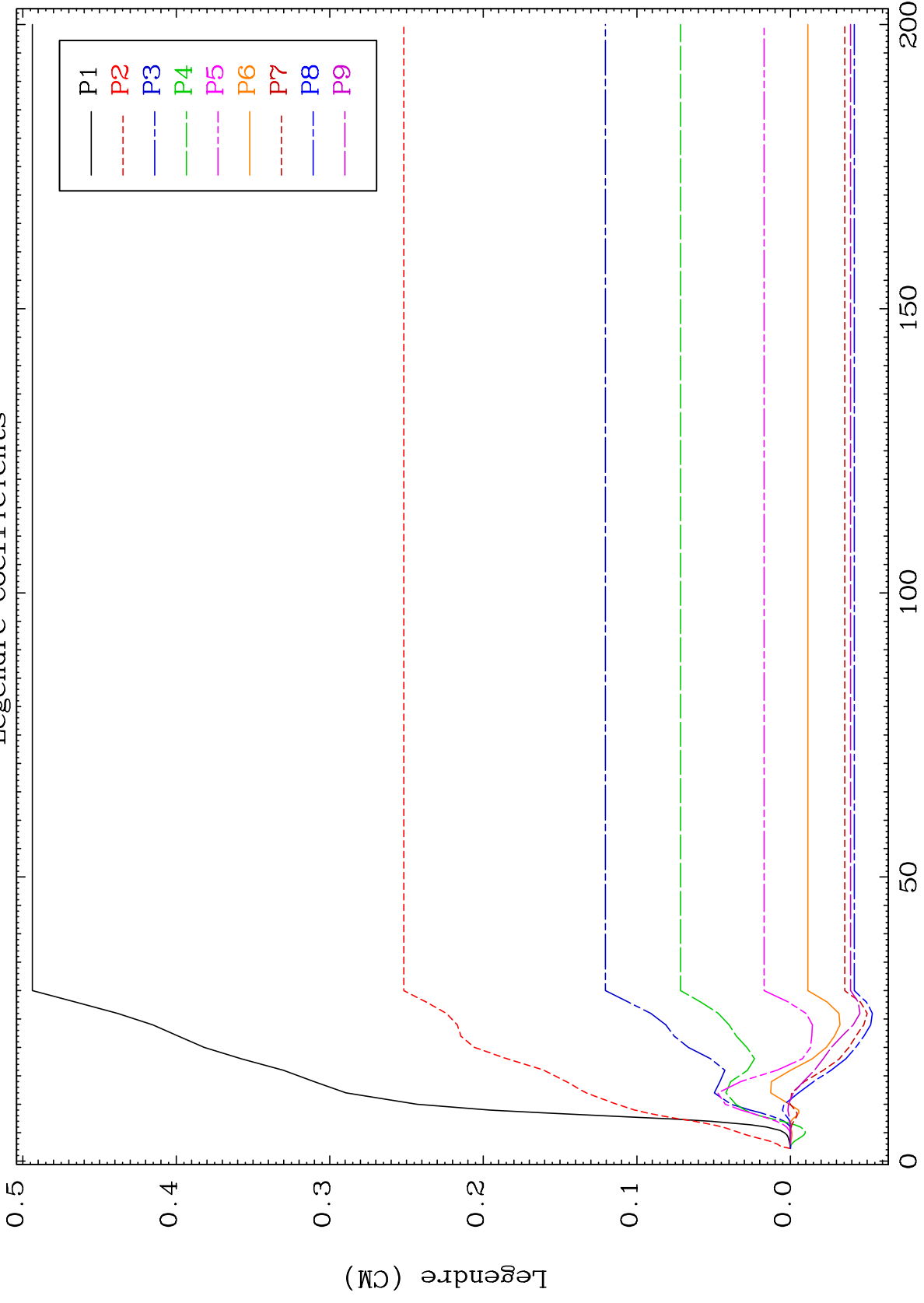
38-Sr-82



MAT 3819

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

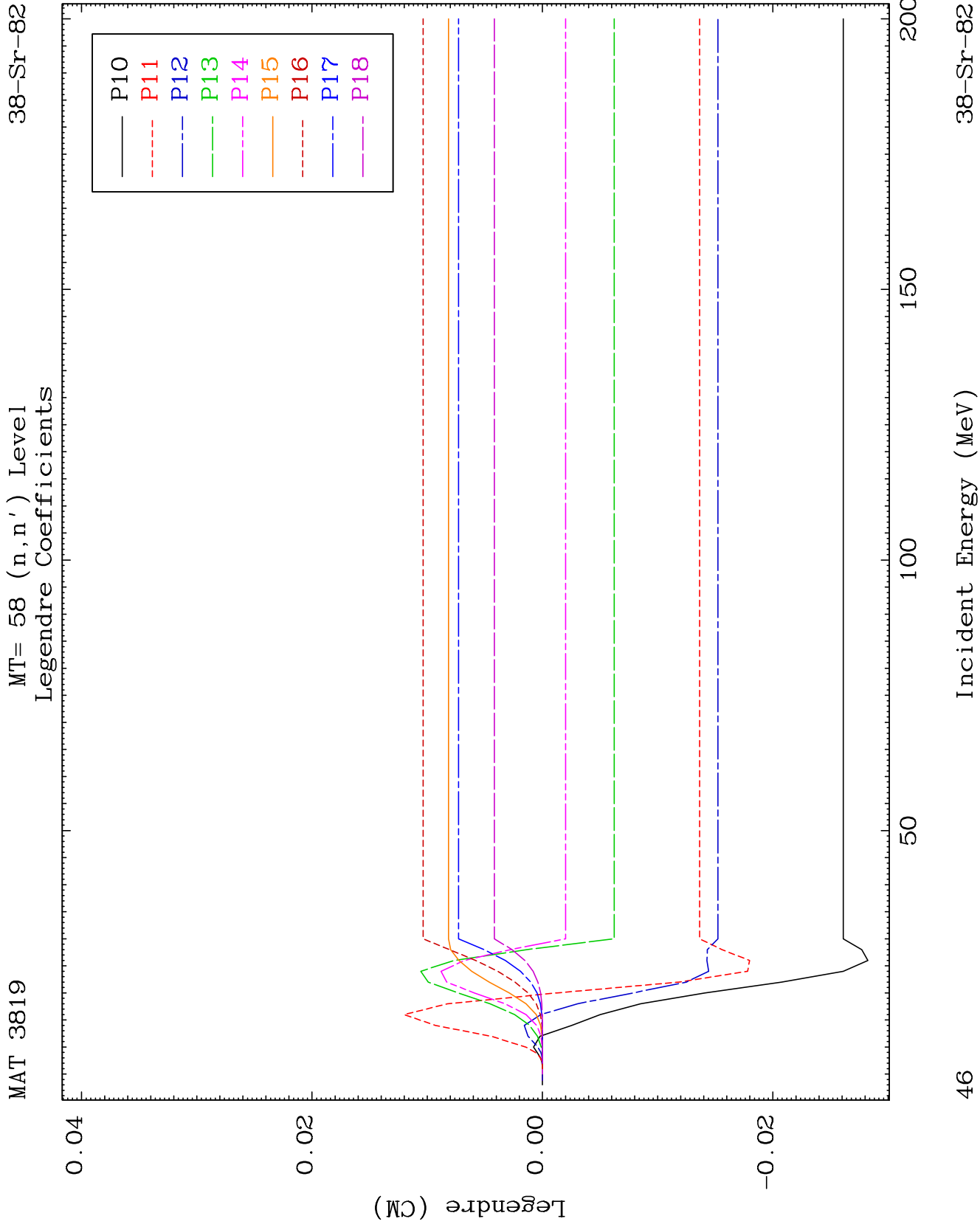
38-Sr-82



45

Incident Energy (MeV)

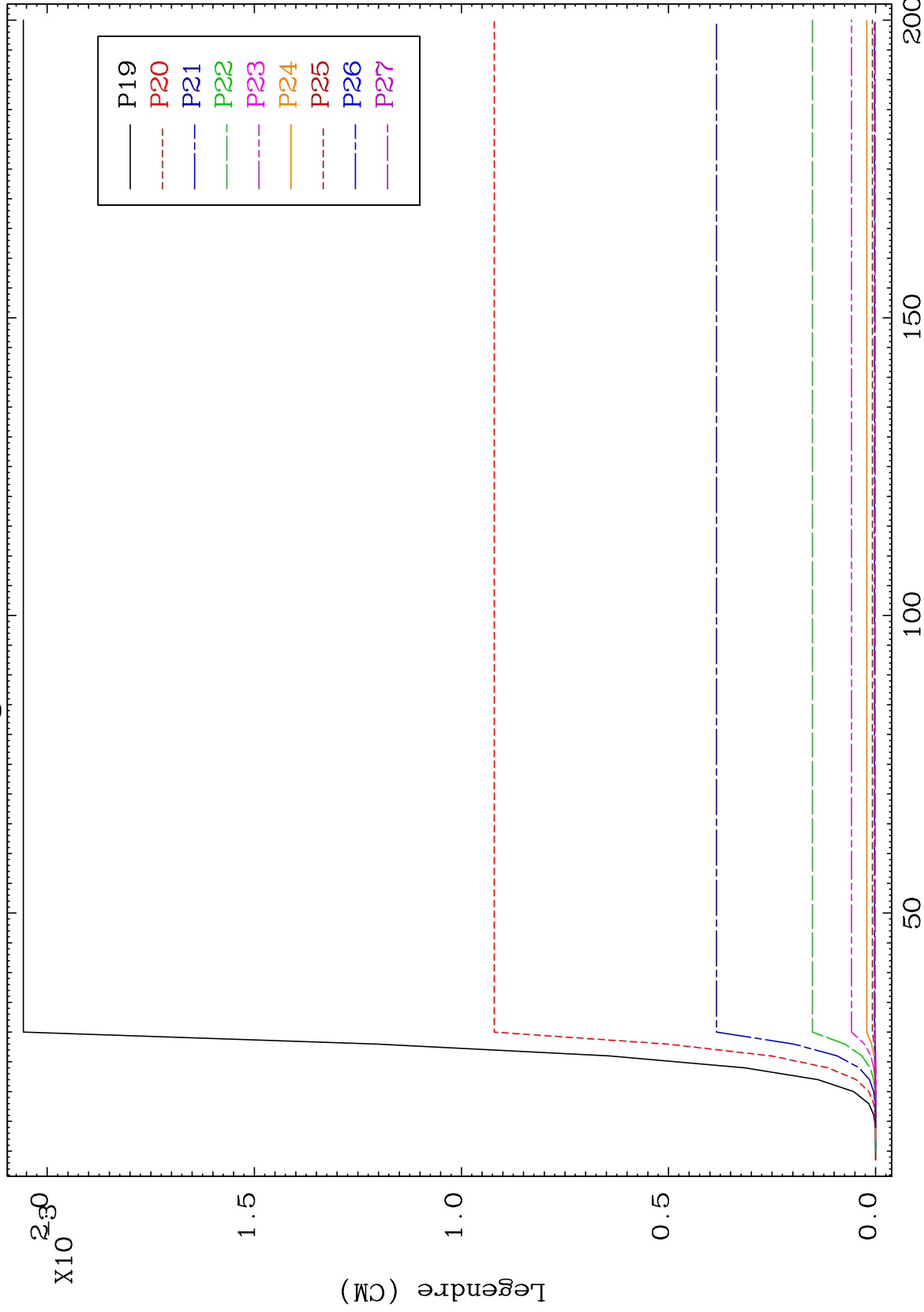
38-Sr-82



MAT 3819

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

38-Sr-82



47

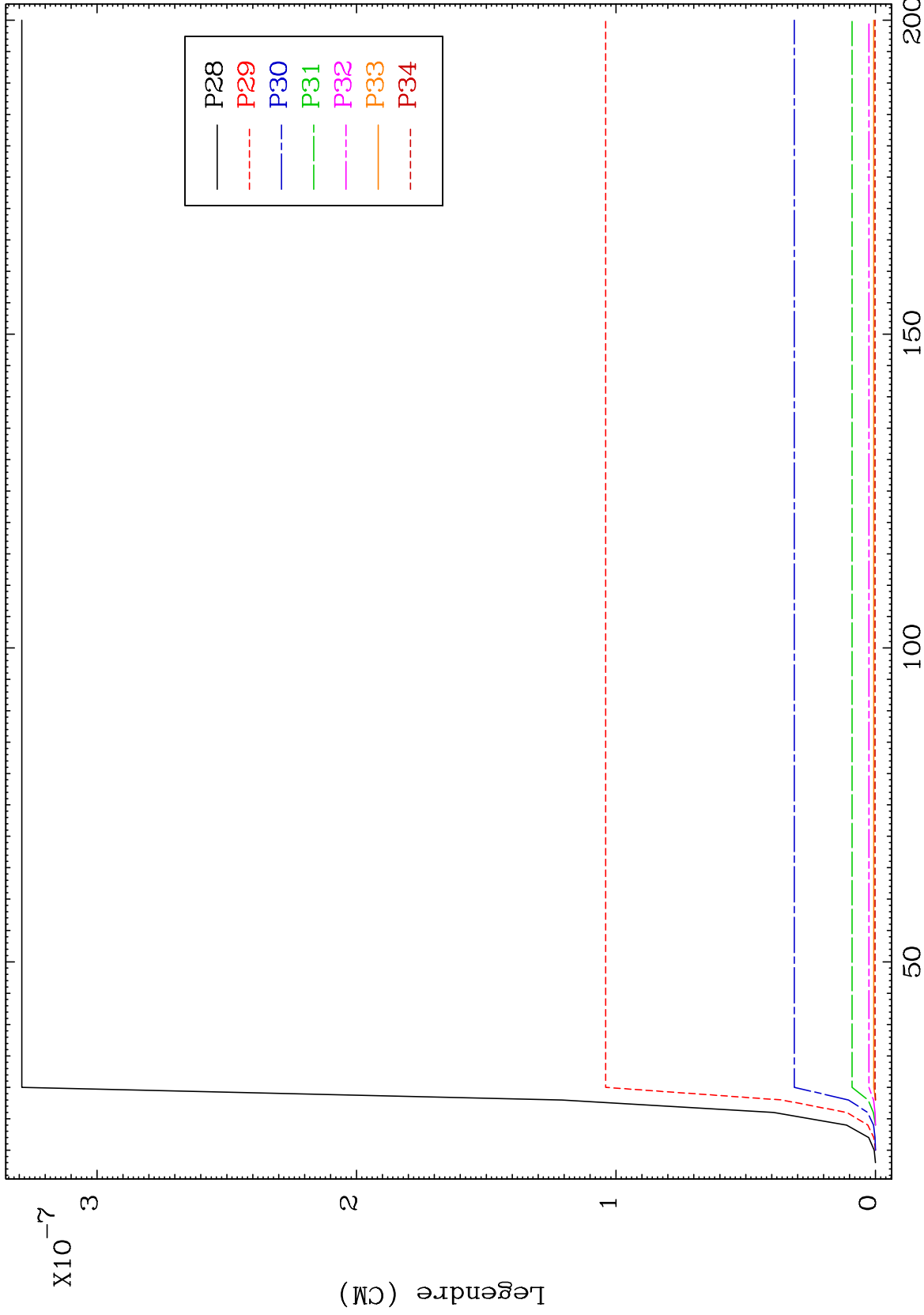
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

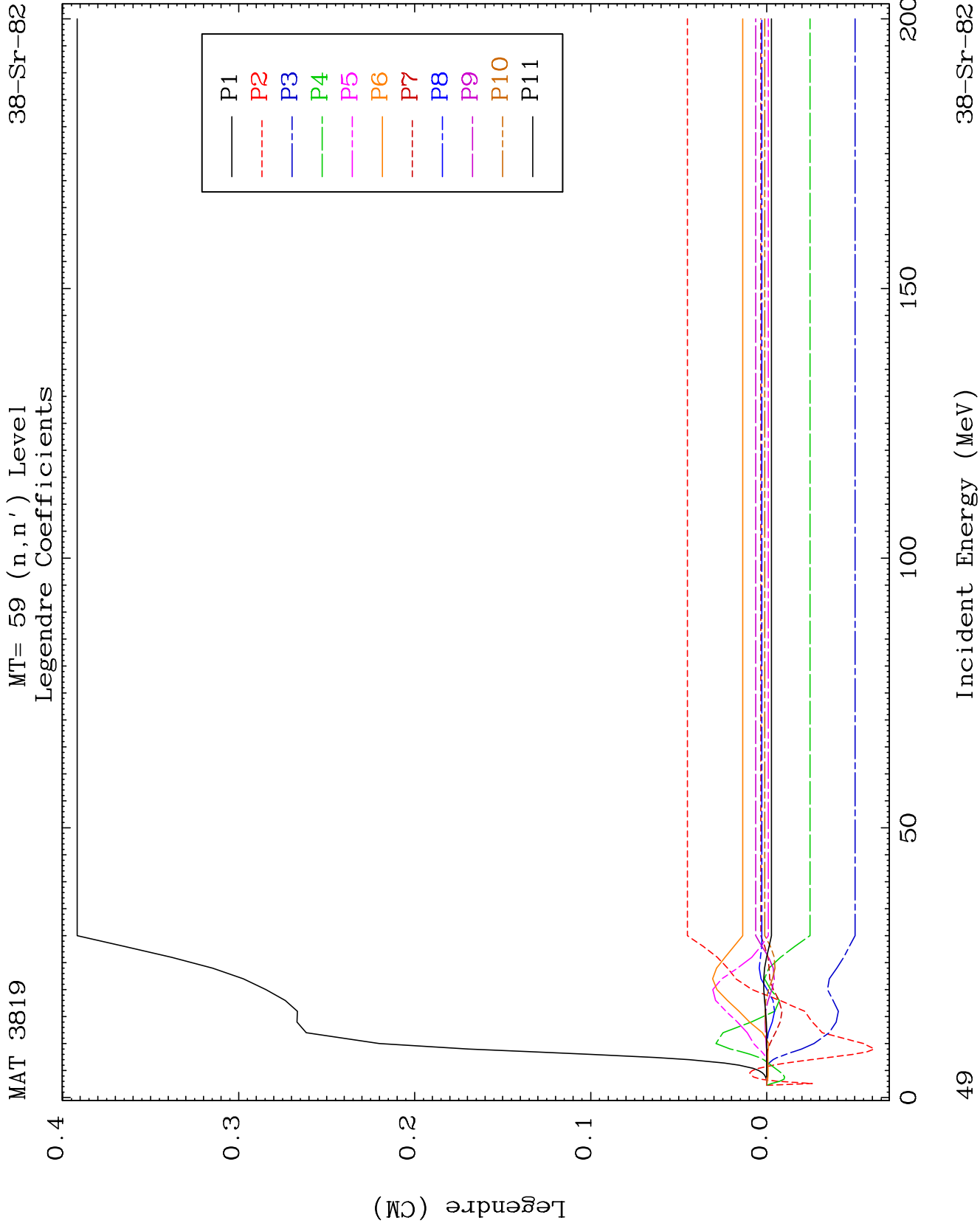
38-Sr-82



48

Incident Energy (MeV)

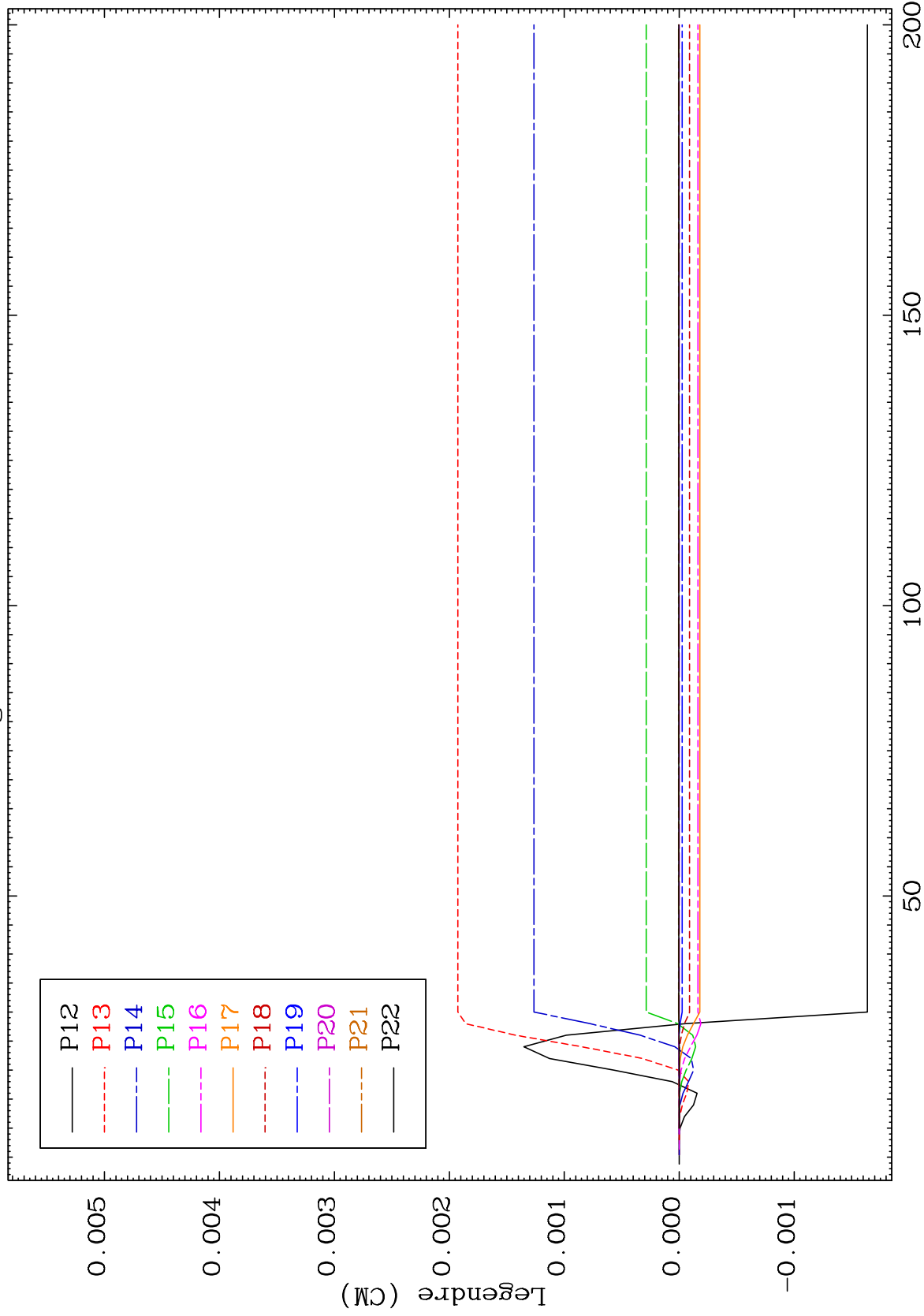
38-Sr-82



MAT 3819

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

38-Sr-82



50

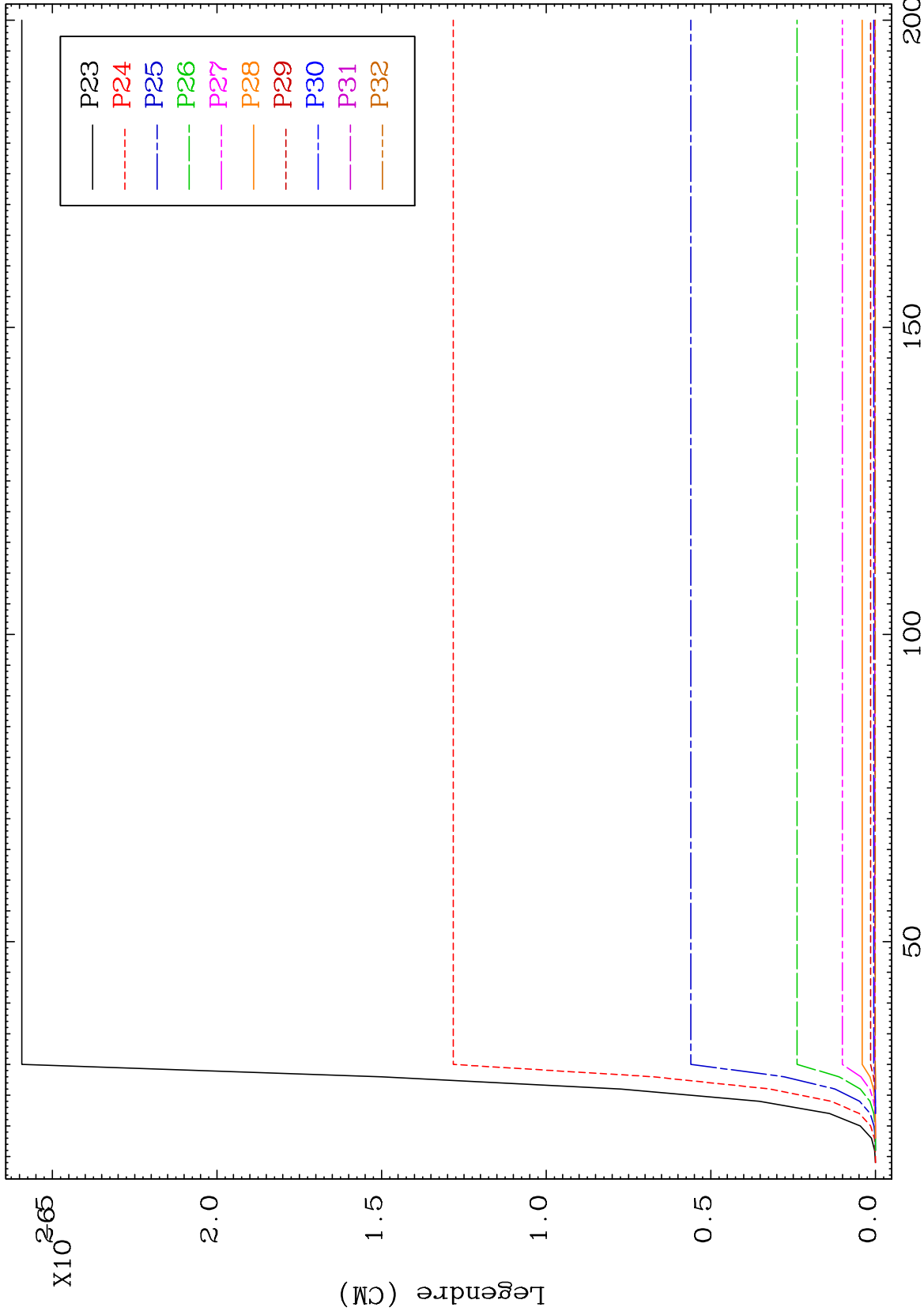
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

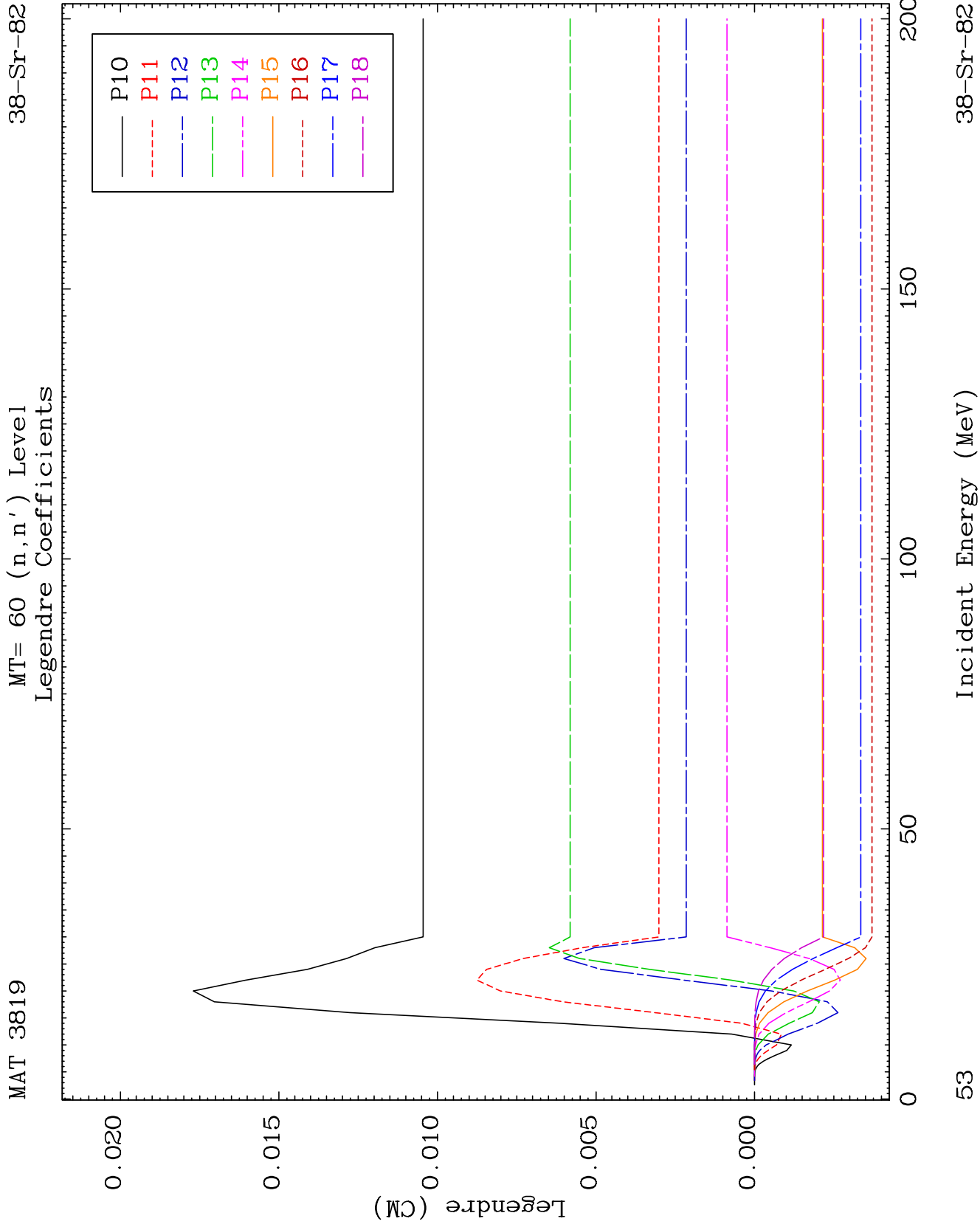
38-Sr-82

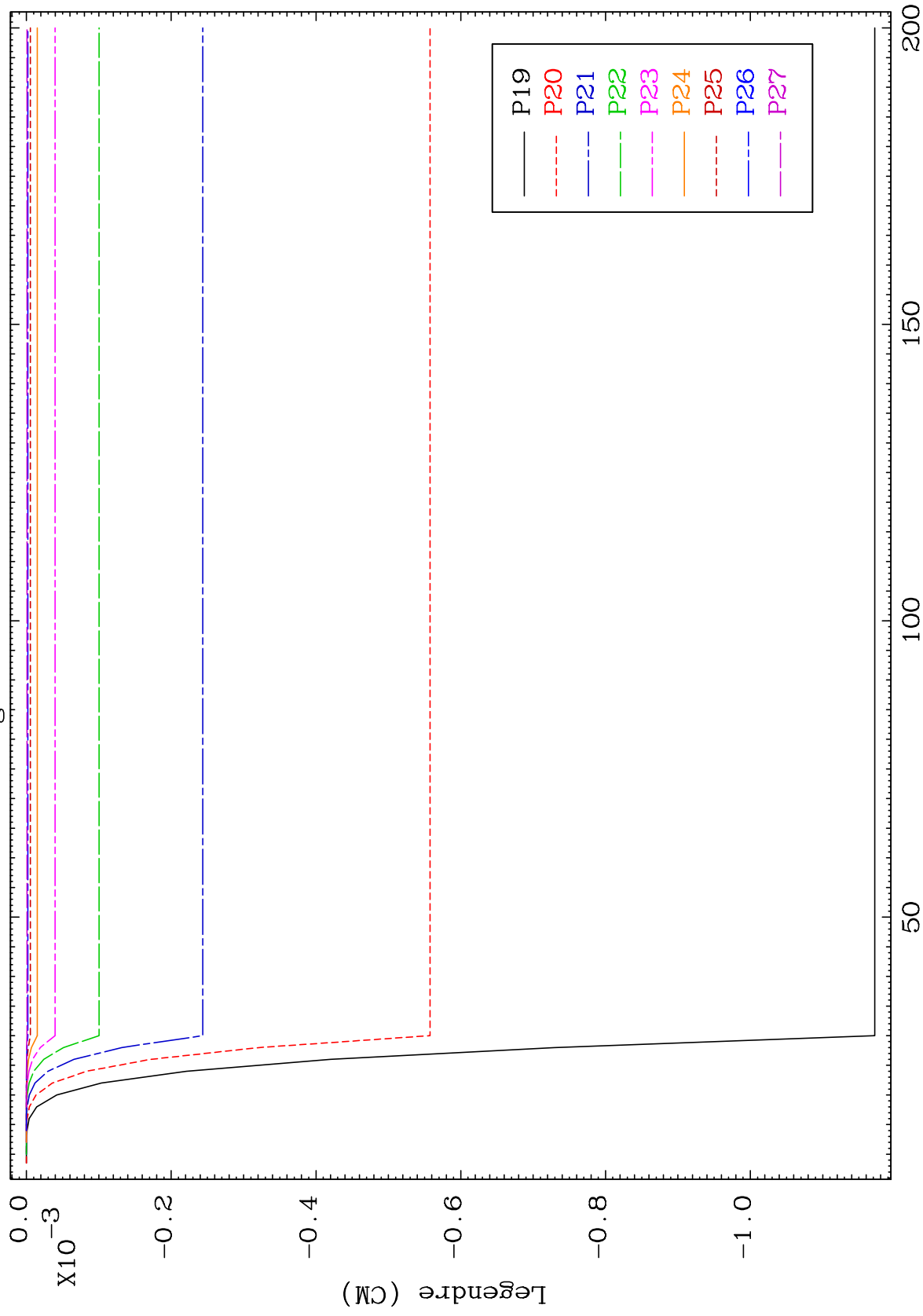


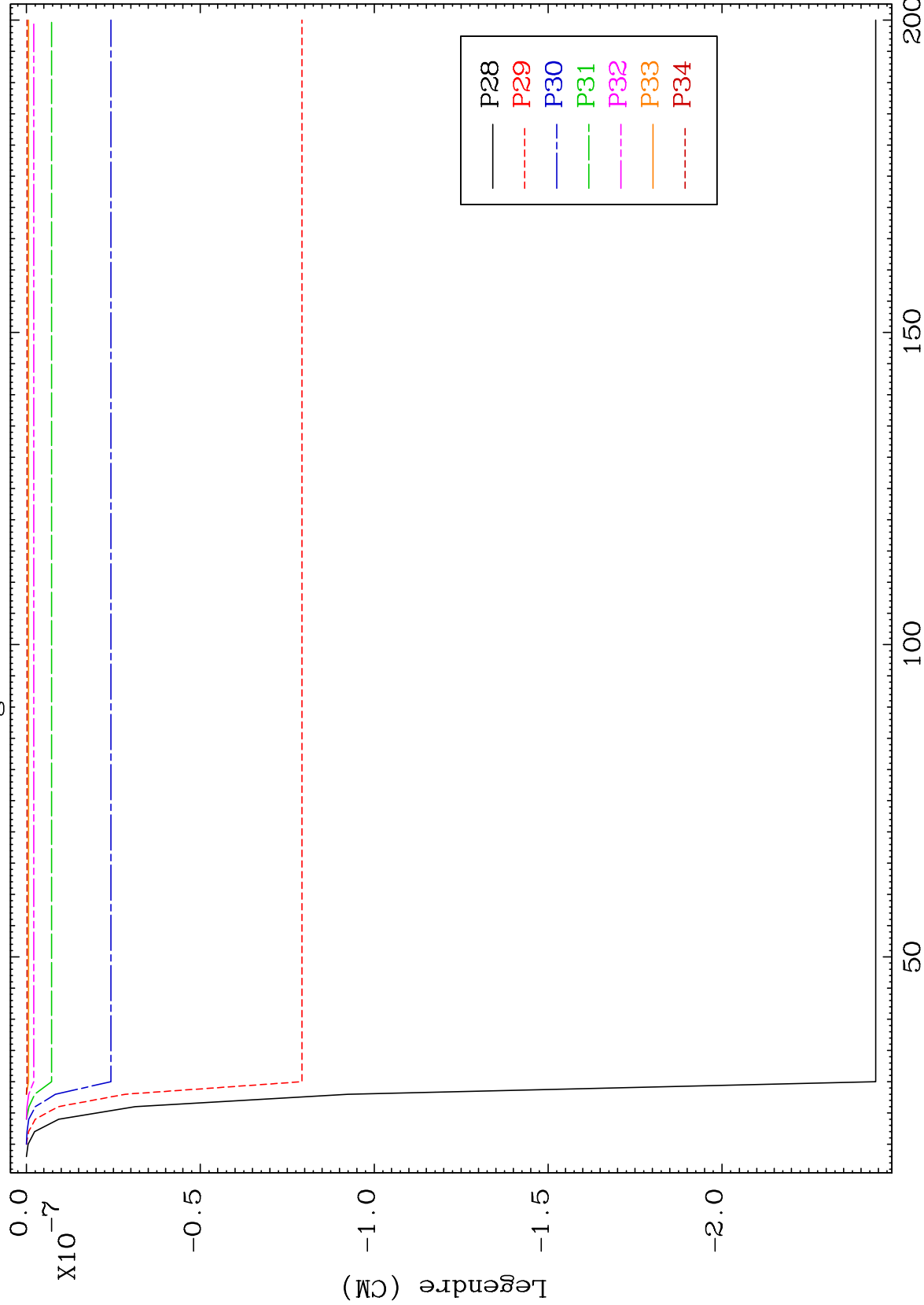
51

Incident Energy (MeV)

38-Sr-82



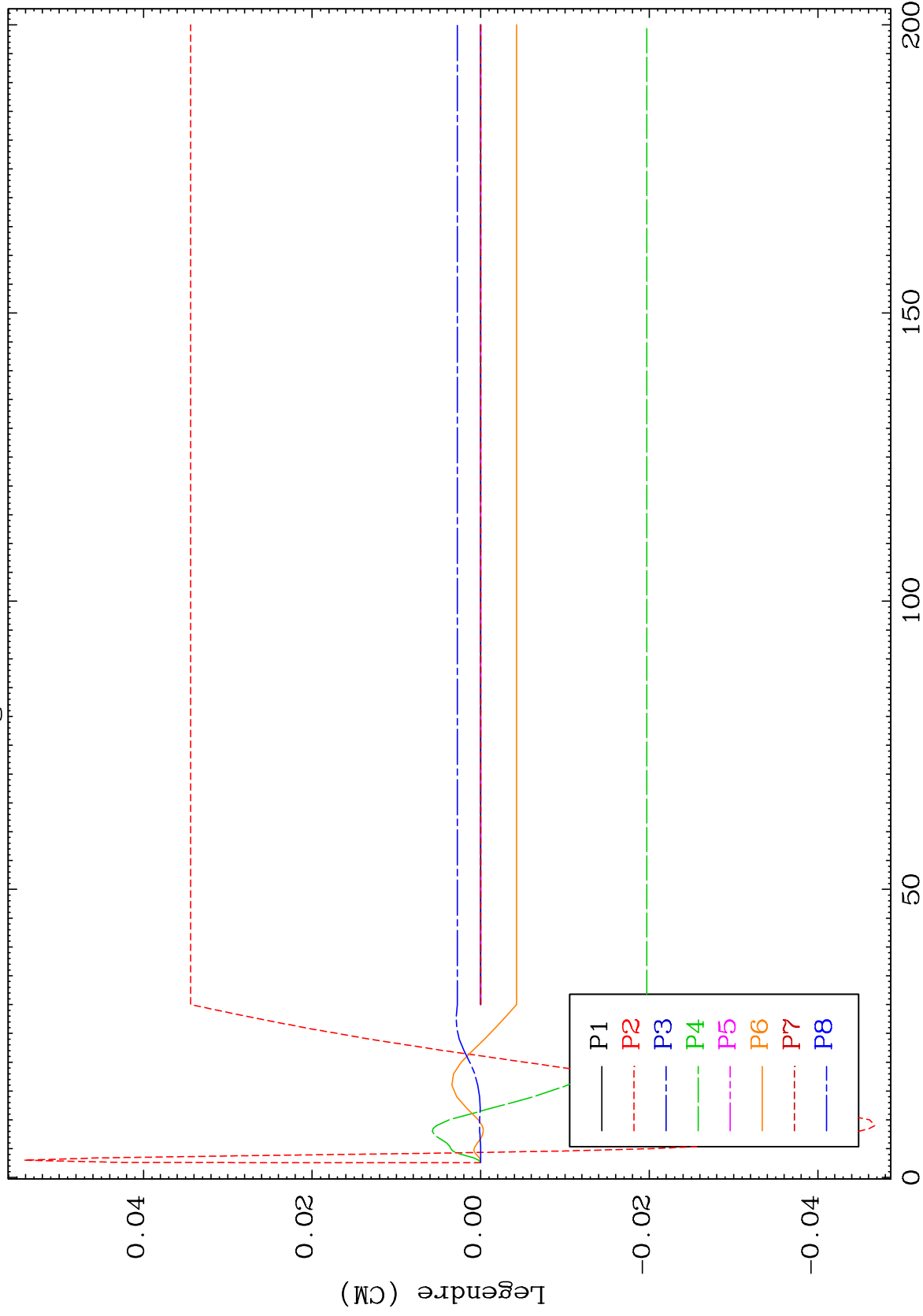




MAT 3819

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

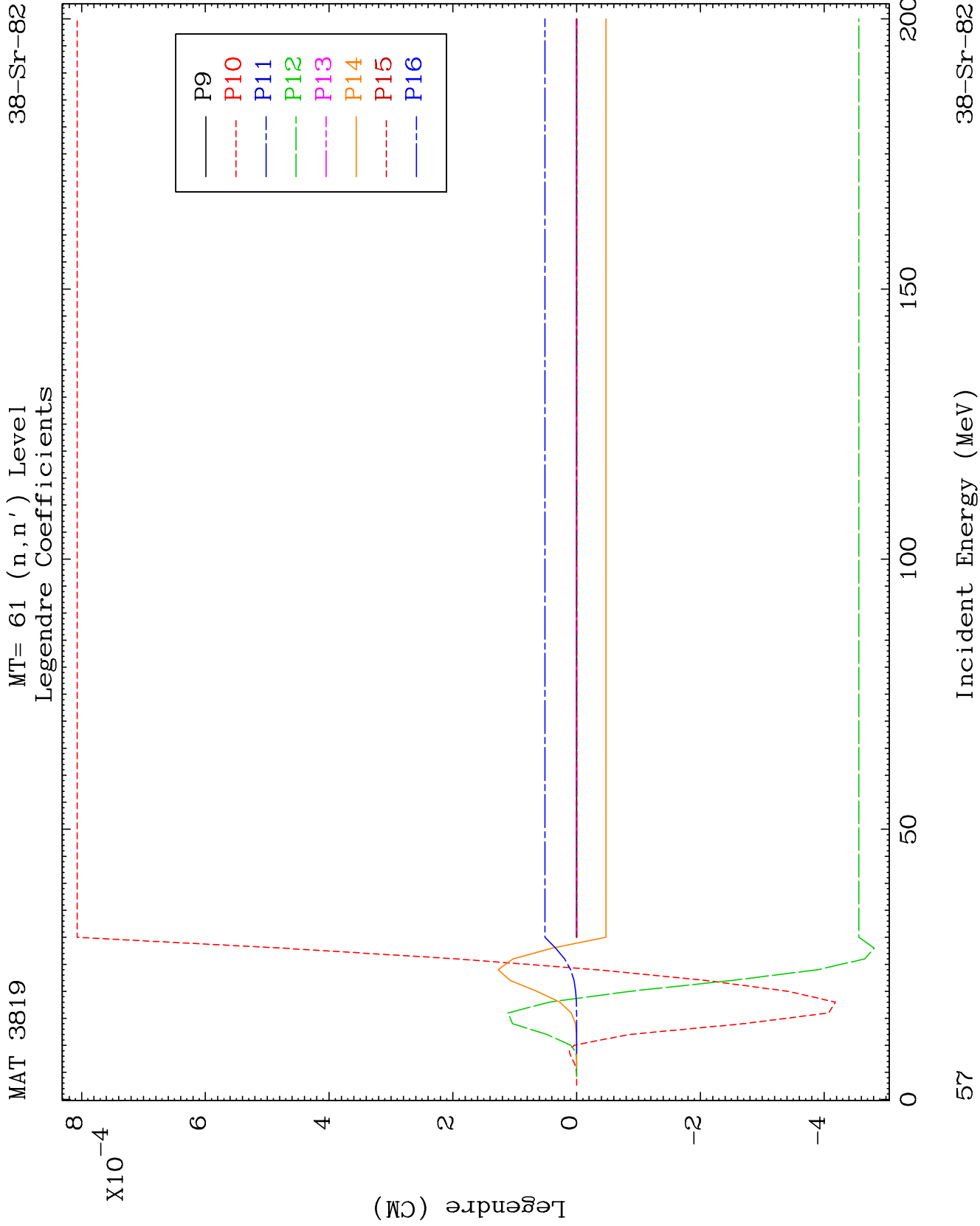
38-Sr-82

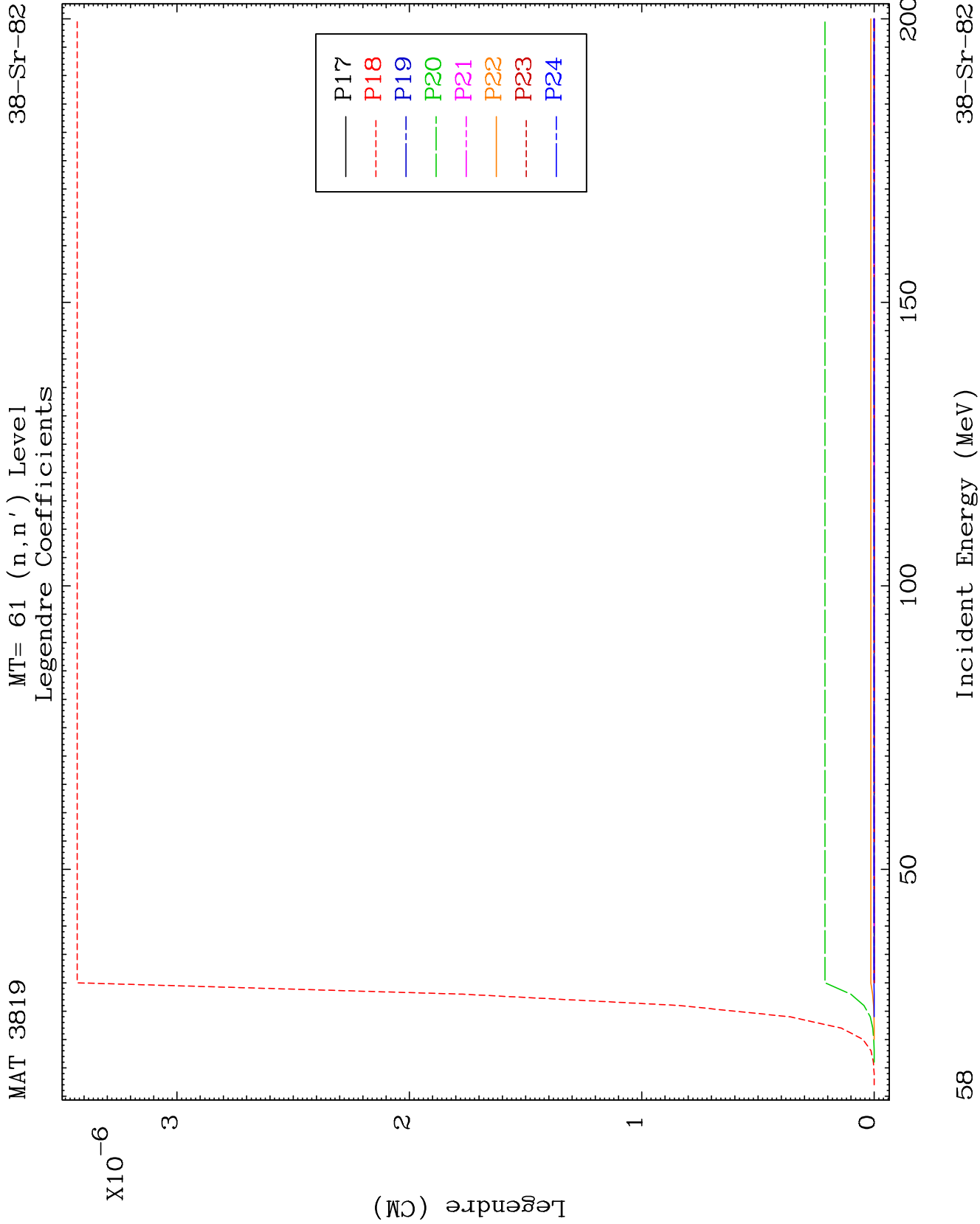


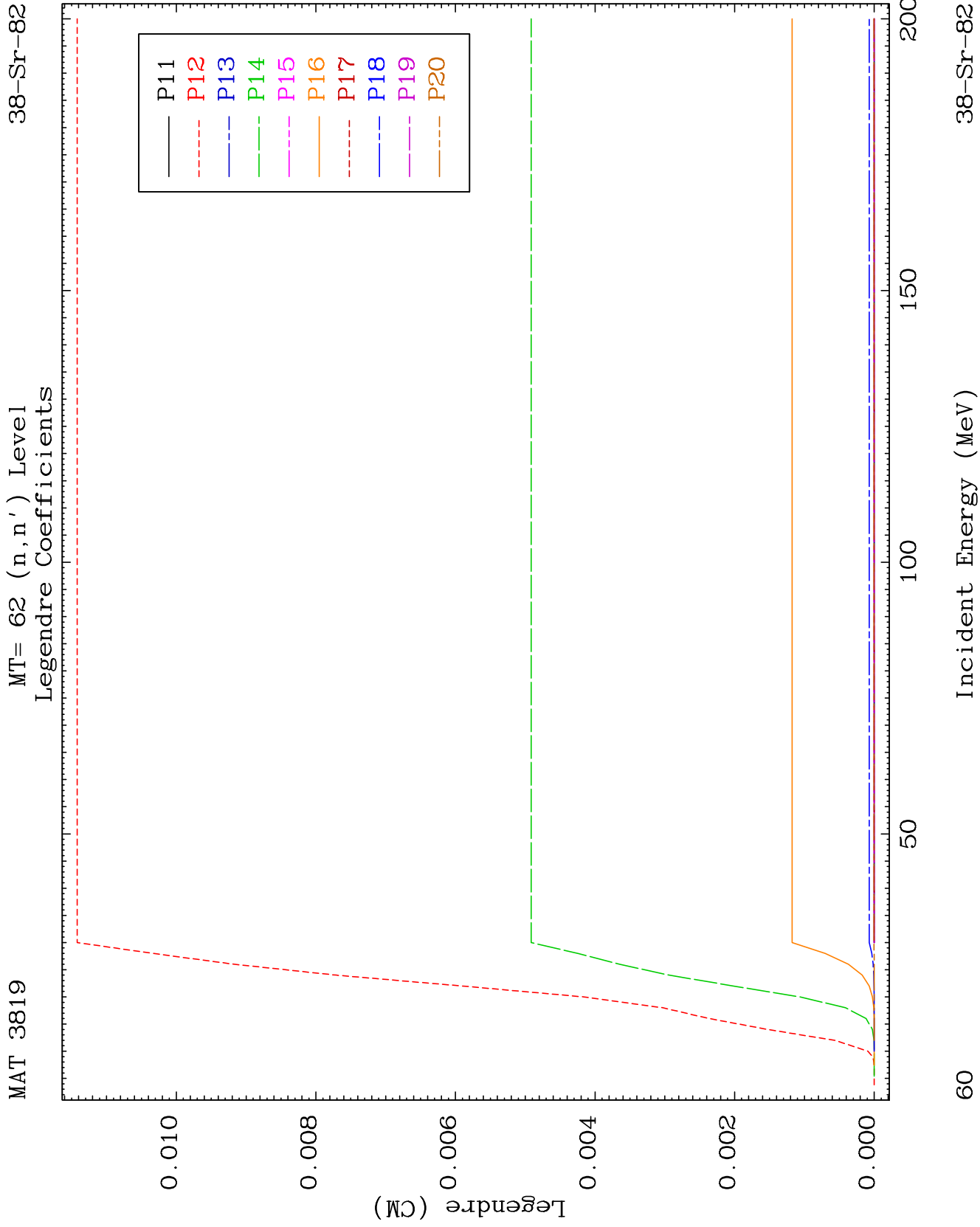
56

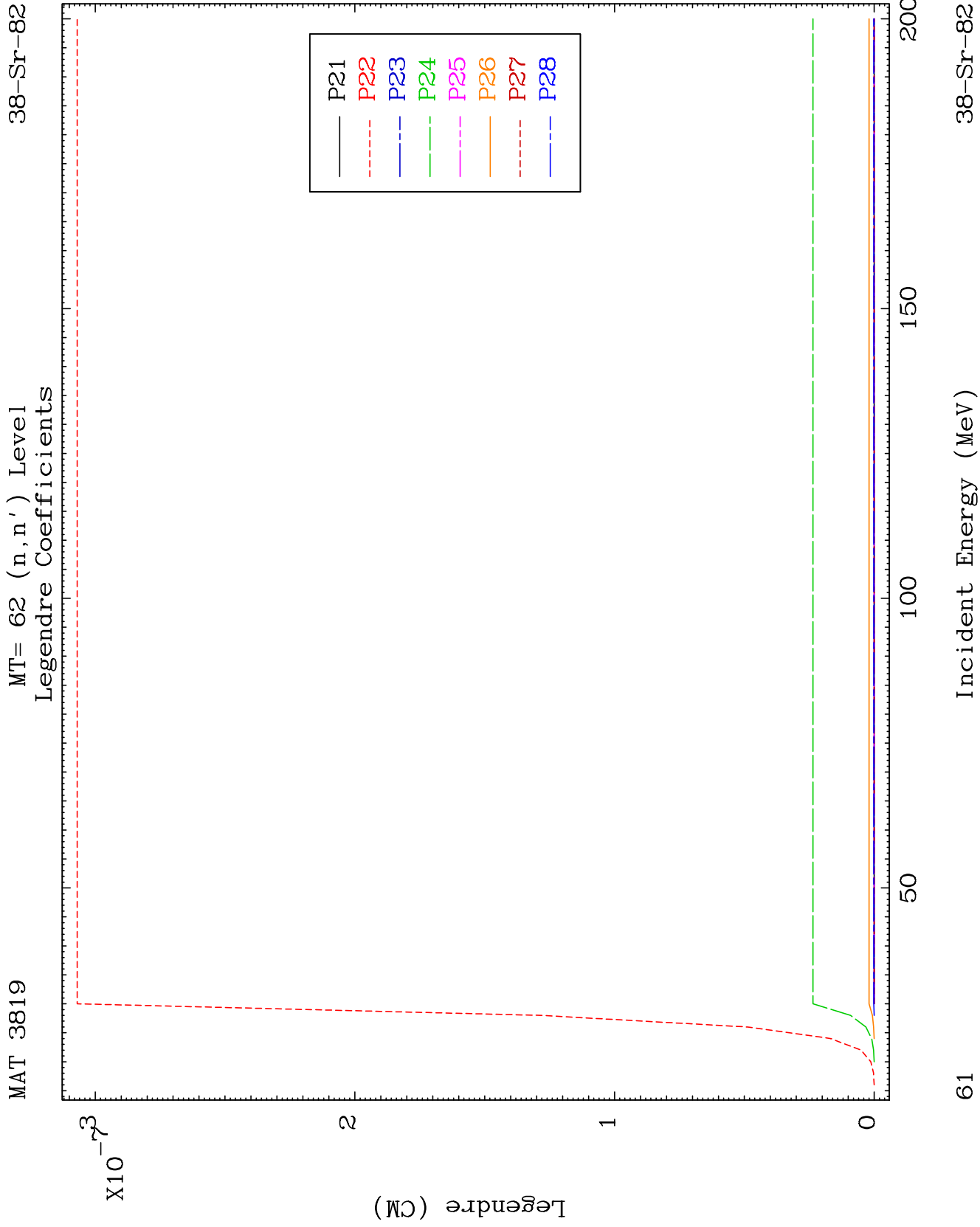
Incident Energy (MeV)

38-Sr-82





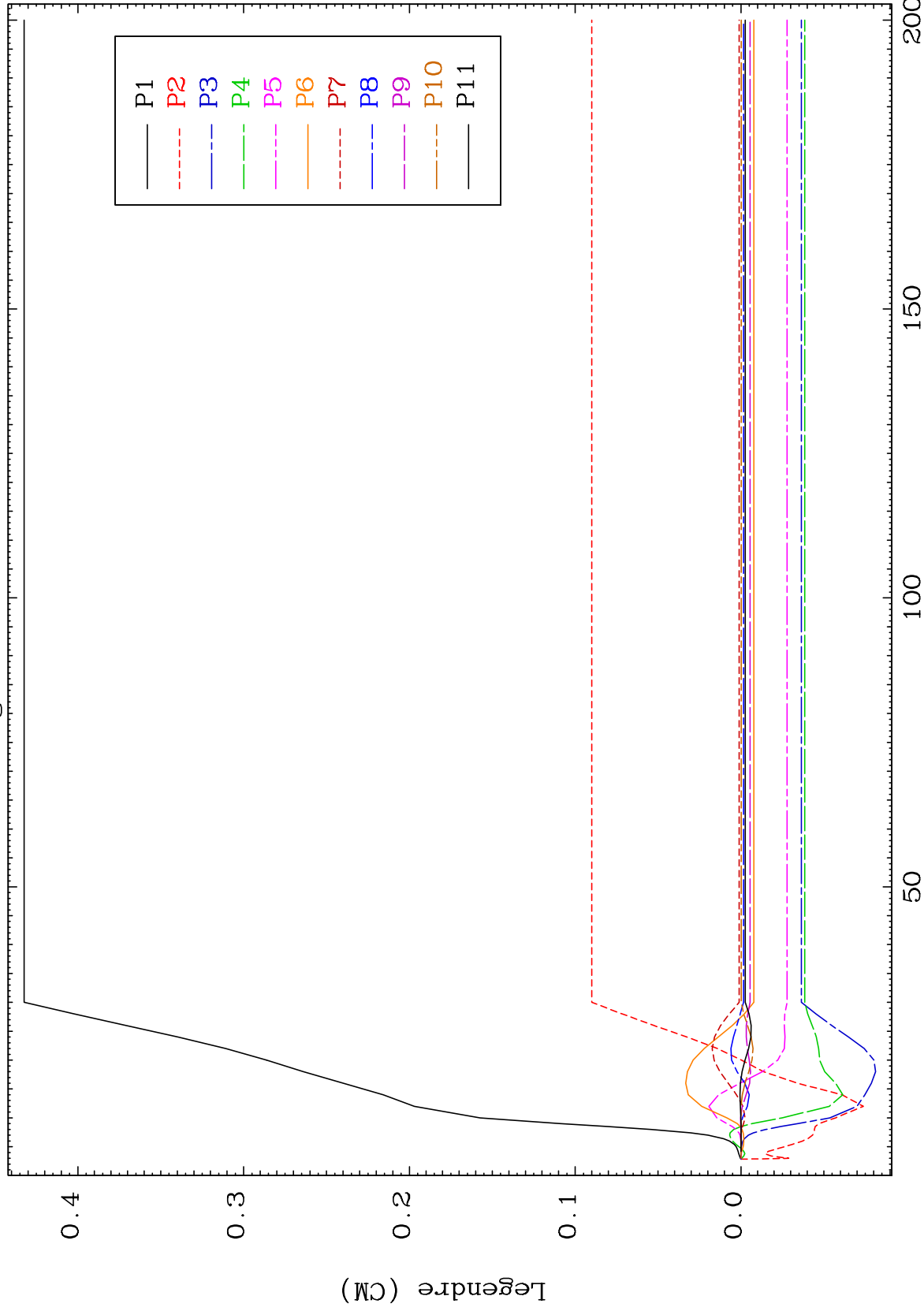




MAT 3819

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

38-Sr-82



62

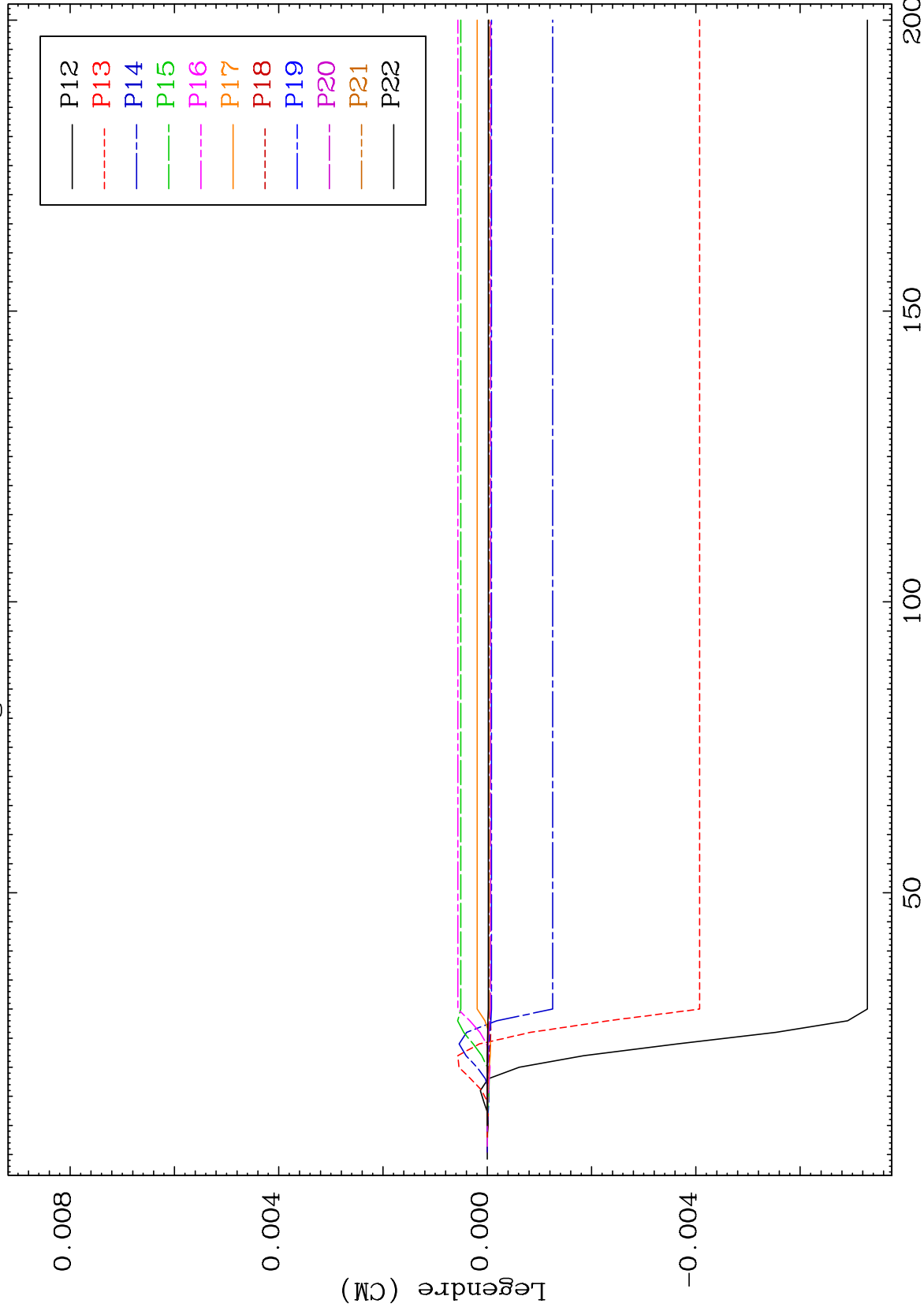
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

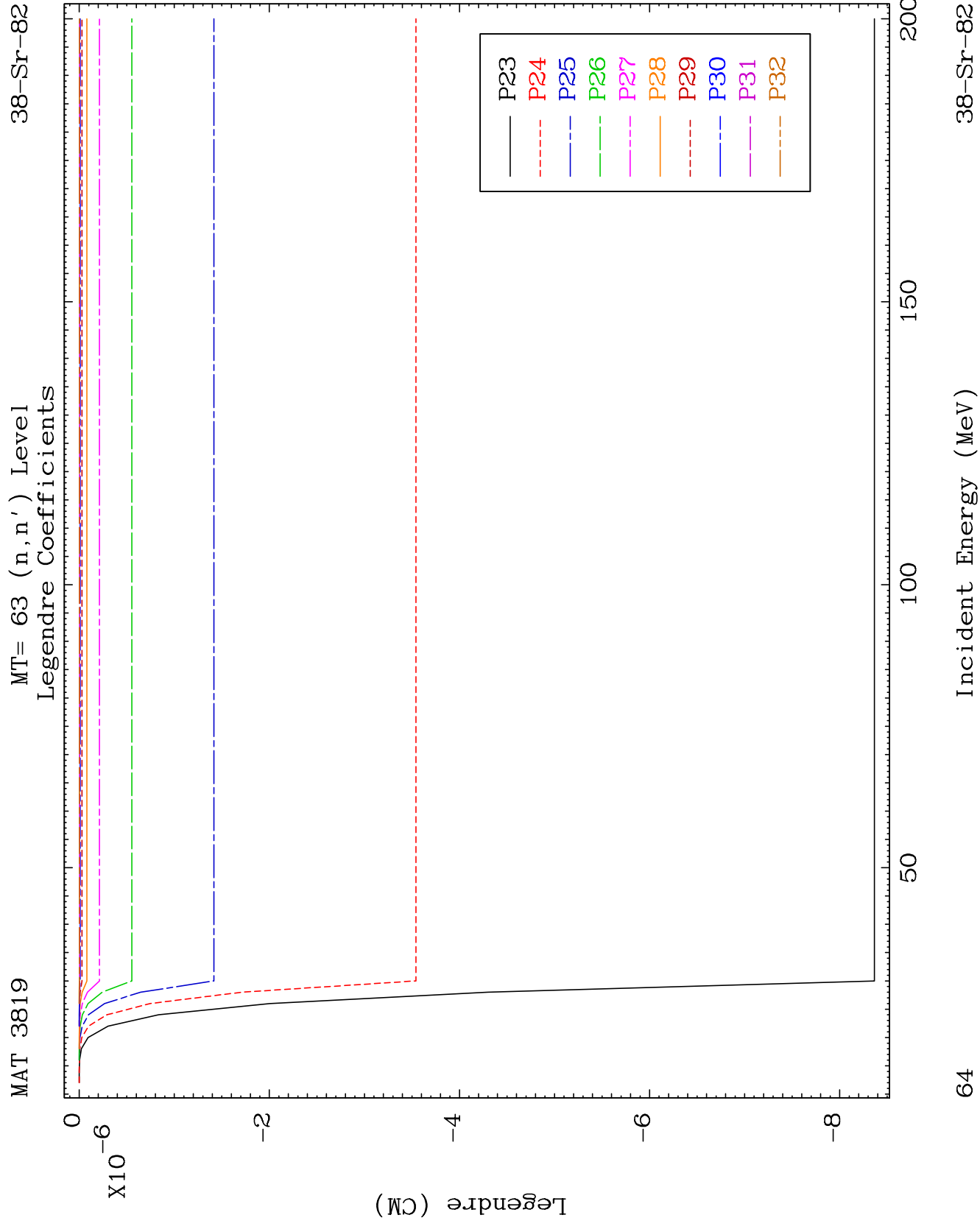
38-Sr-82

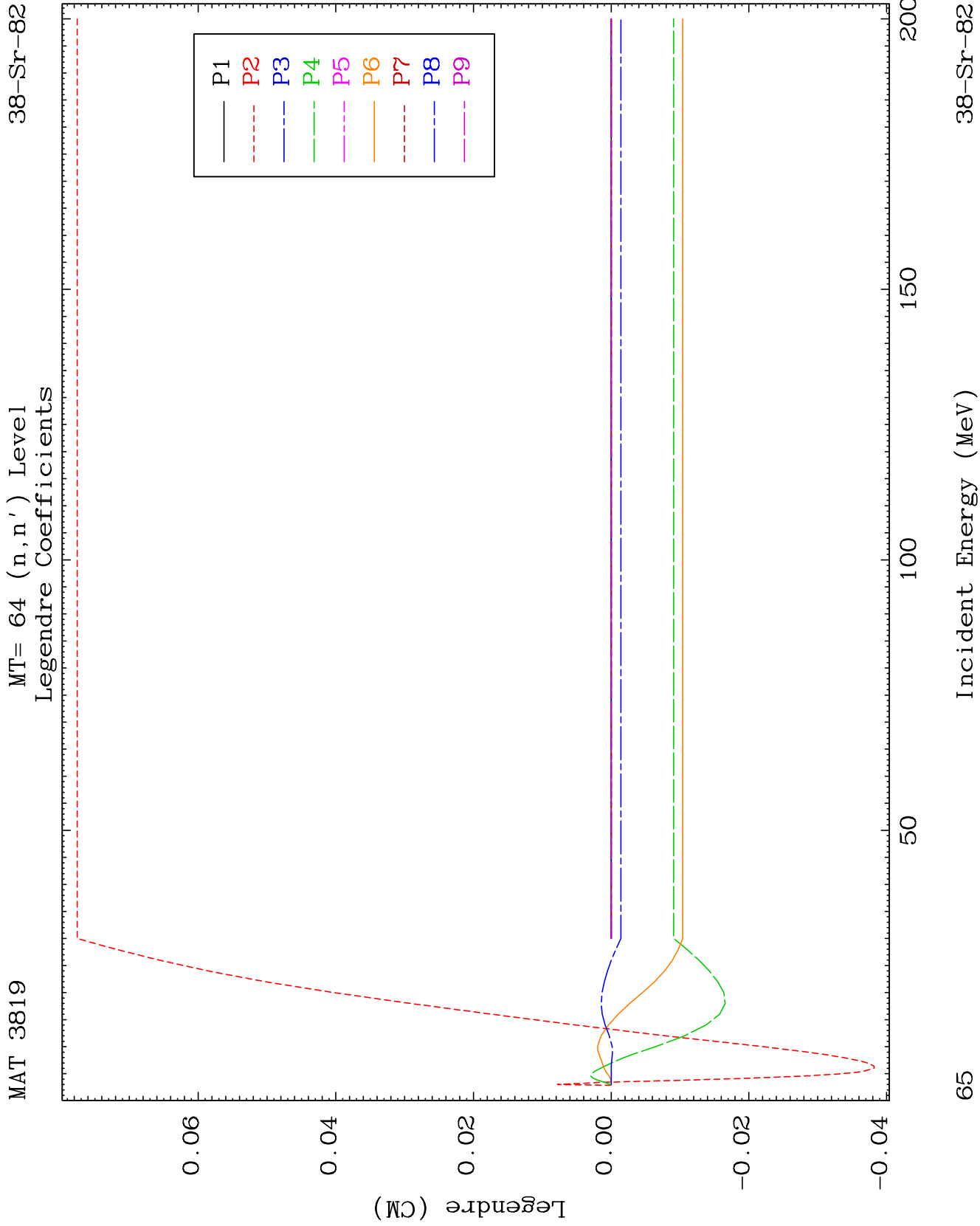


63

Incident Energy (MeV)

38-Sr-82

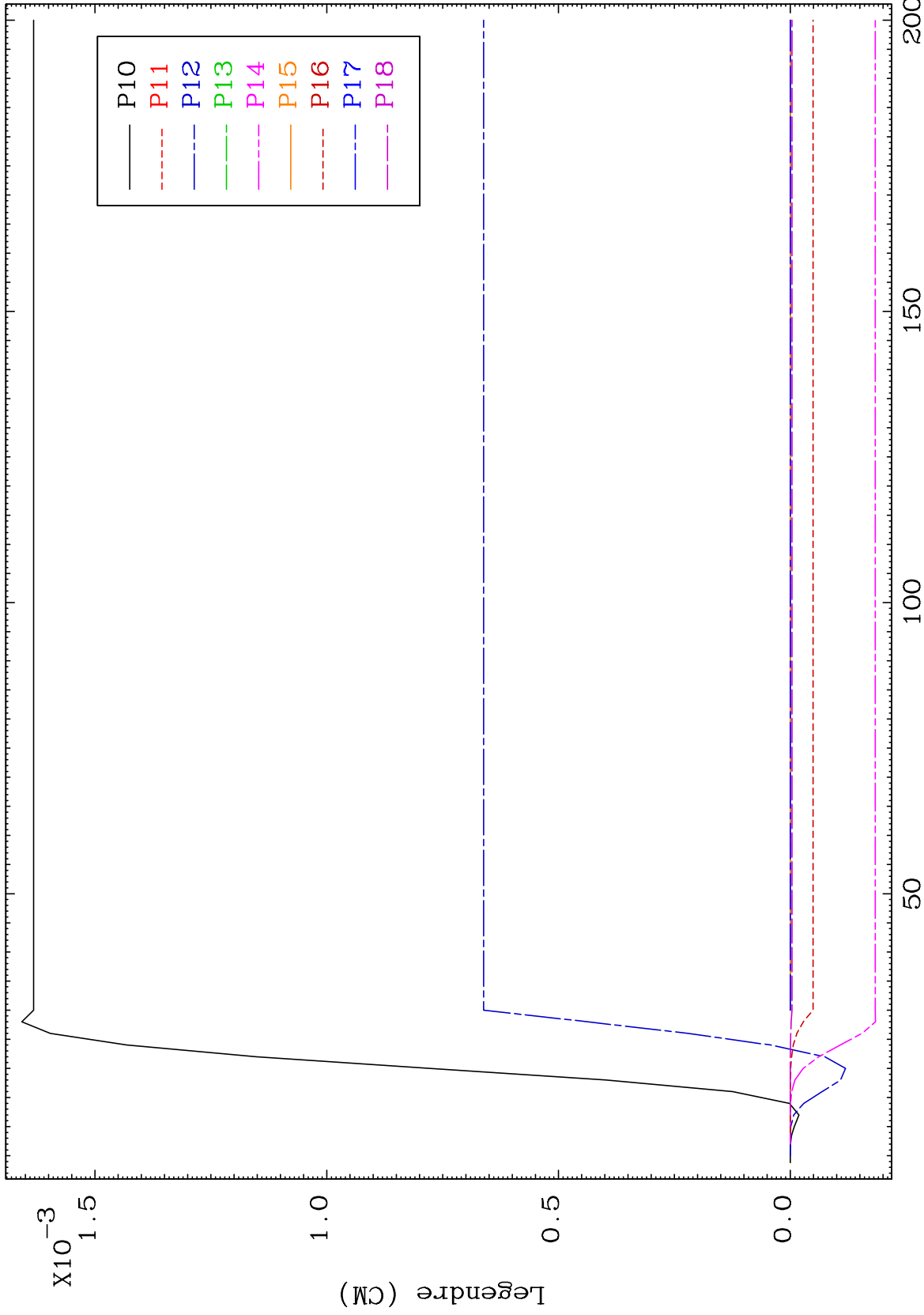




MAT 3819

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

38-Sr-82

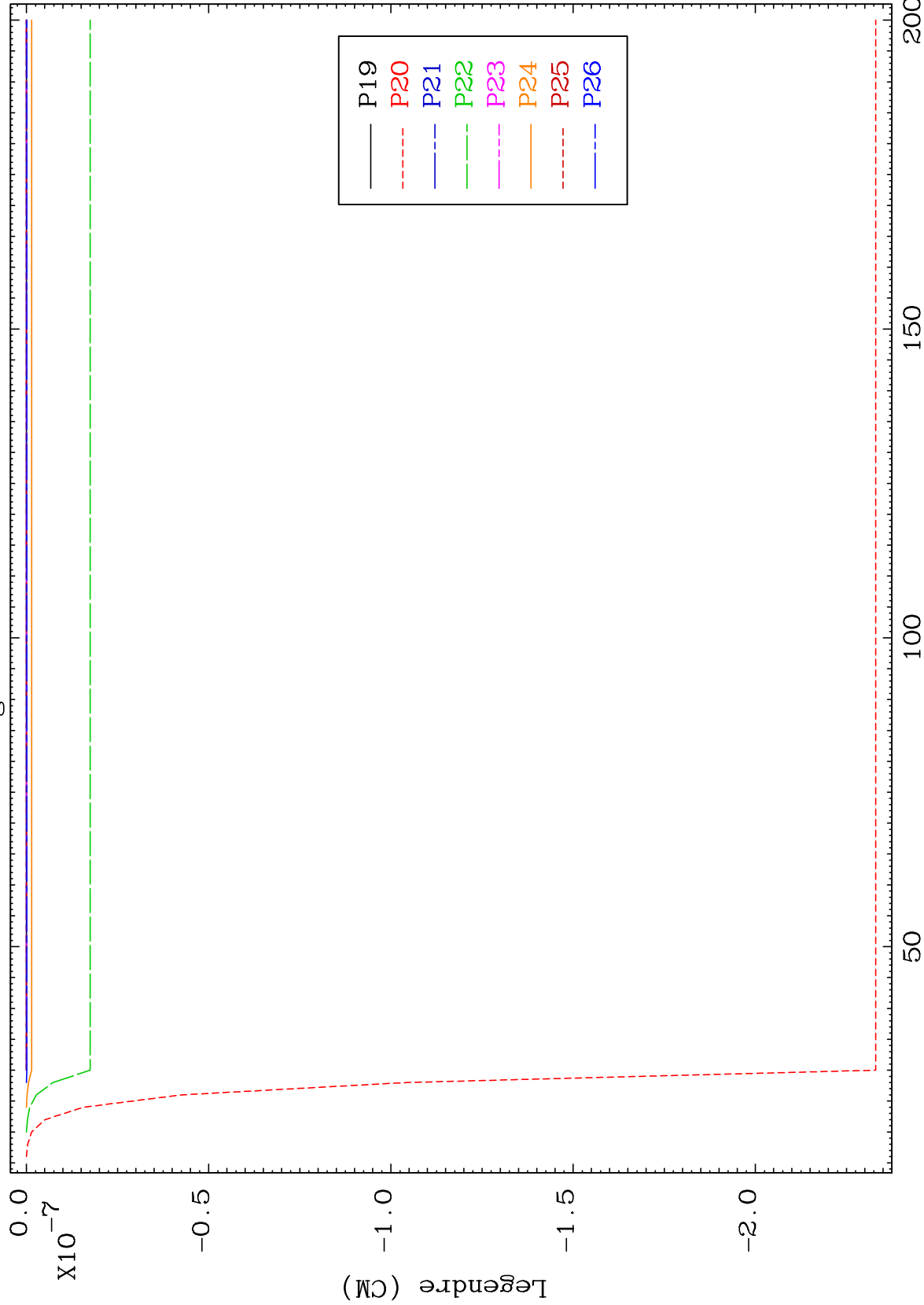


66

Incident Energy (MeV)

38-Sr-82

MAT 3819 MT= 64 (n,n') Level
Legendre Coefficients 38-Sr-82

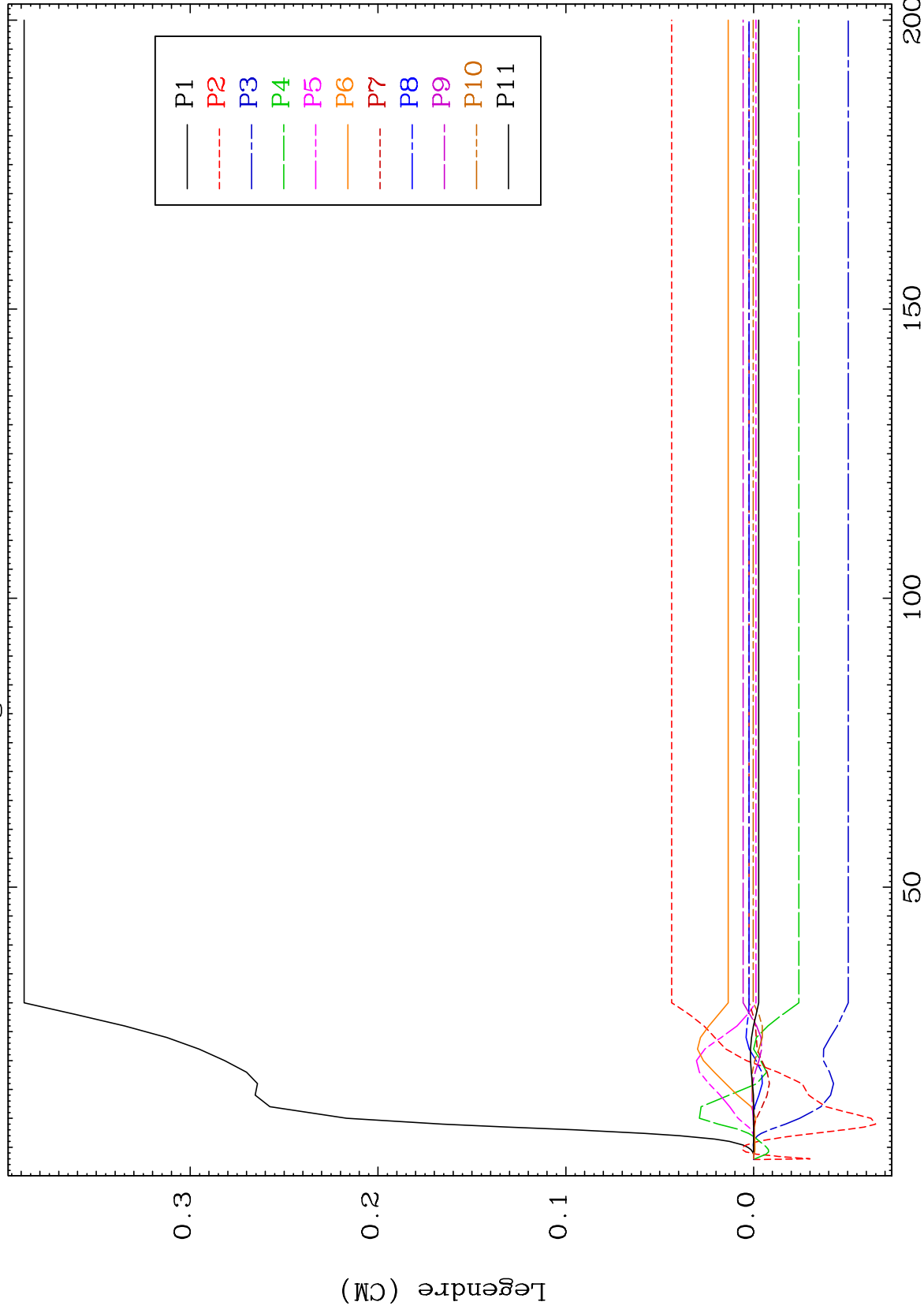


67 38-Sr-82

MAT 3819

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

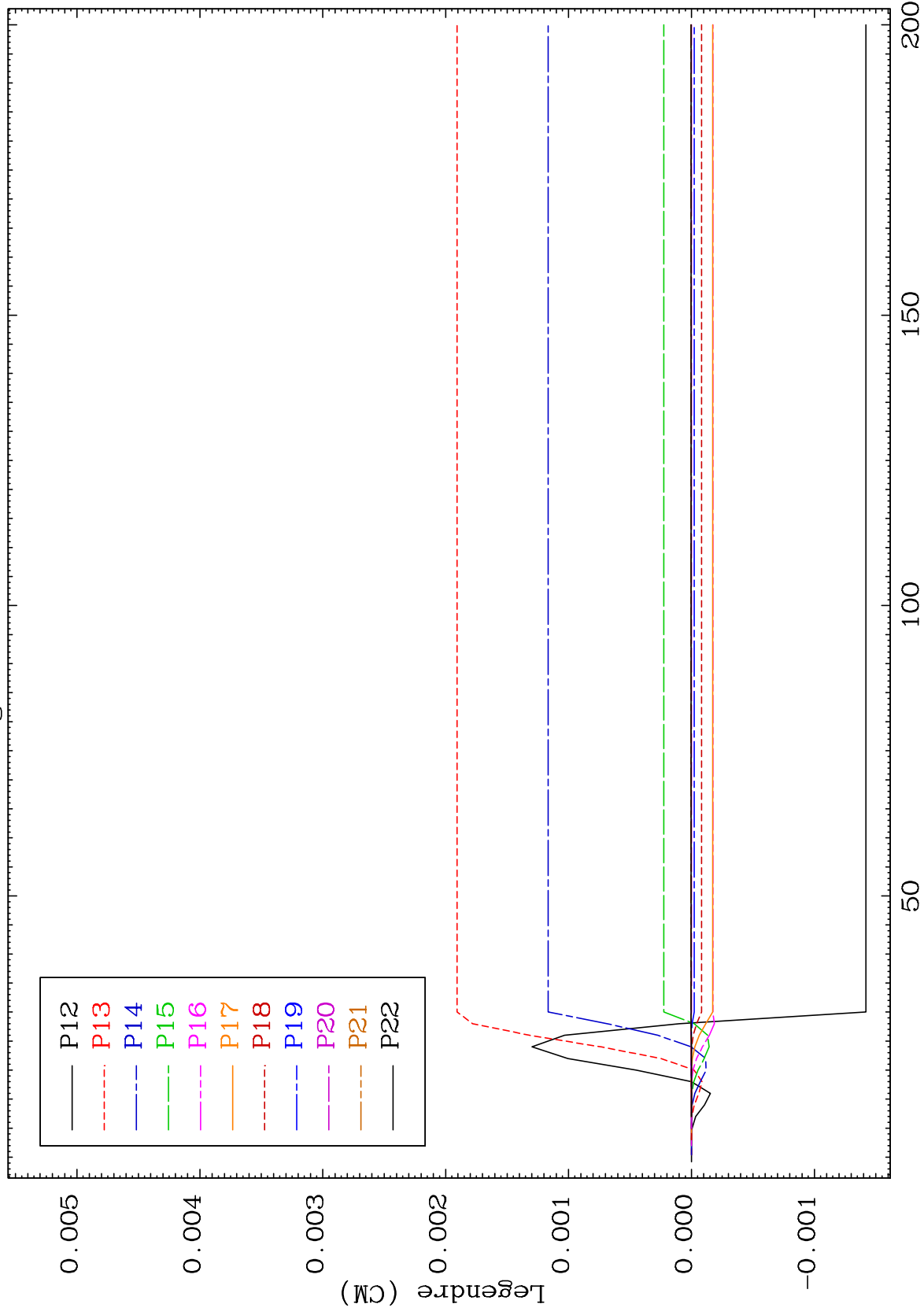
38-Sr-82



68

Incident Energy (MeV)

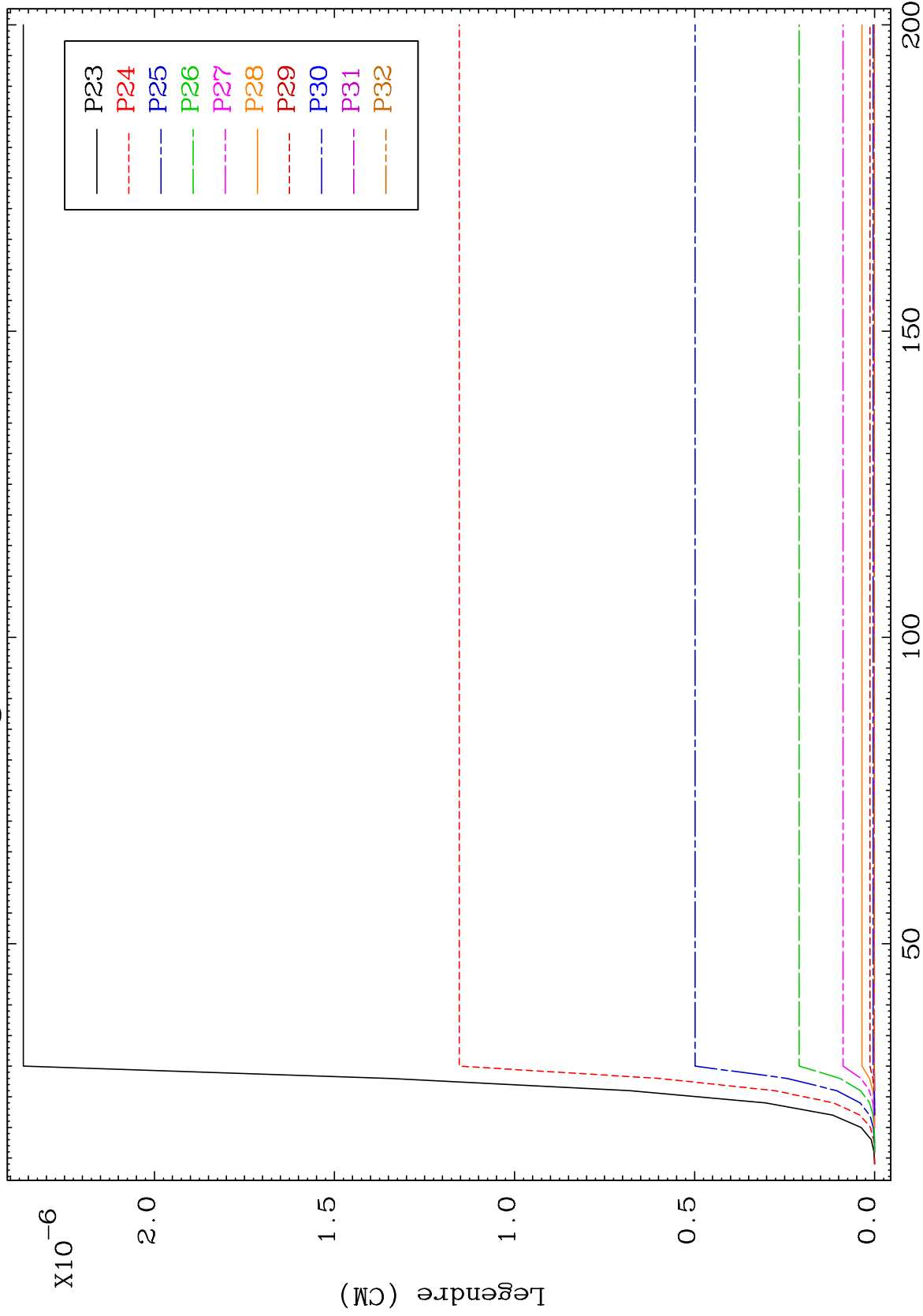
38-Sr-82



MAT 3819

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

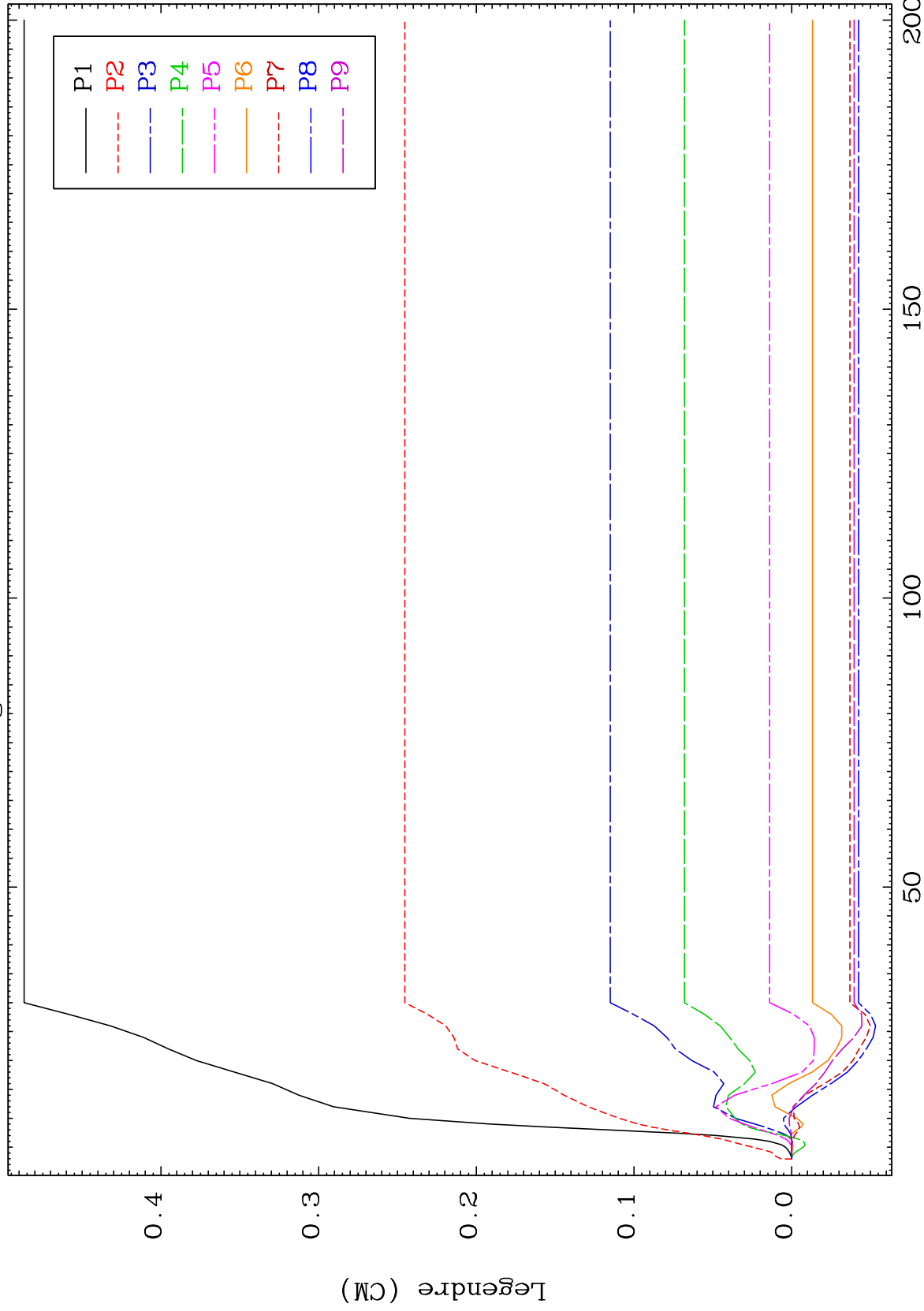
38-Sr-82



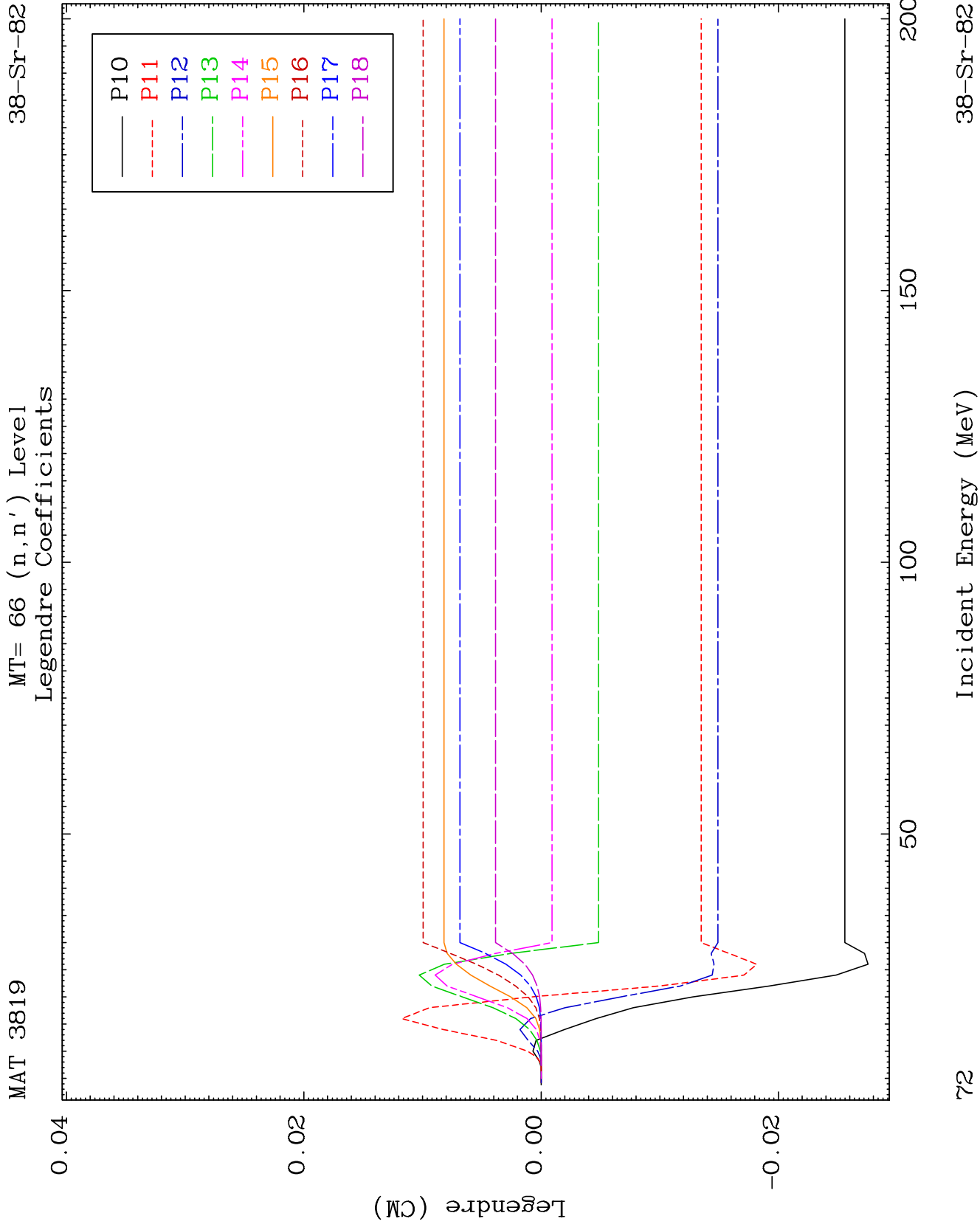
MAT 3819

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

38-Sr-82



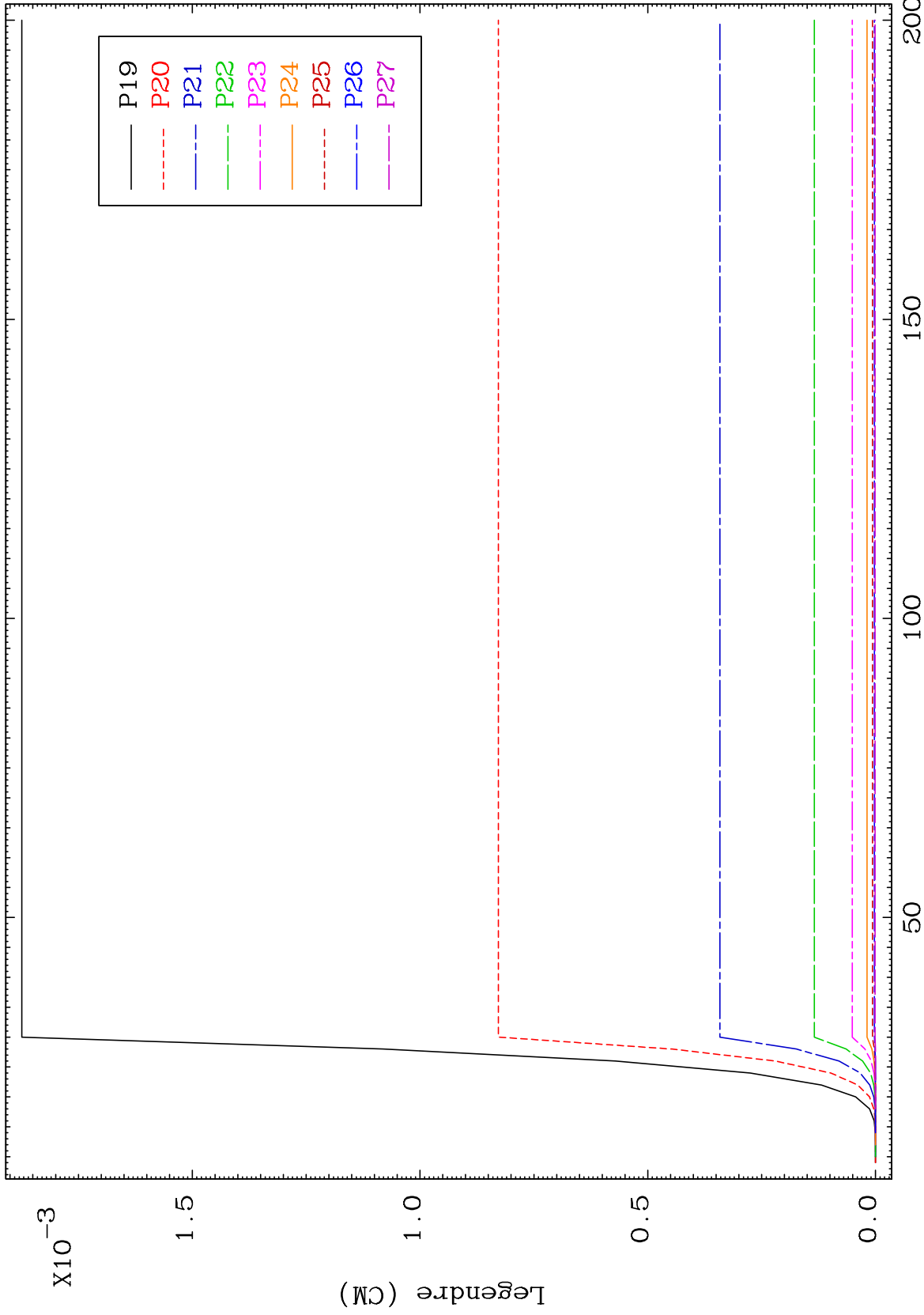
71



MAT 3819

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

38-Sr-82

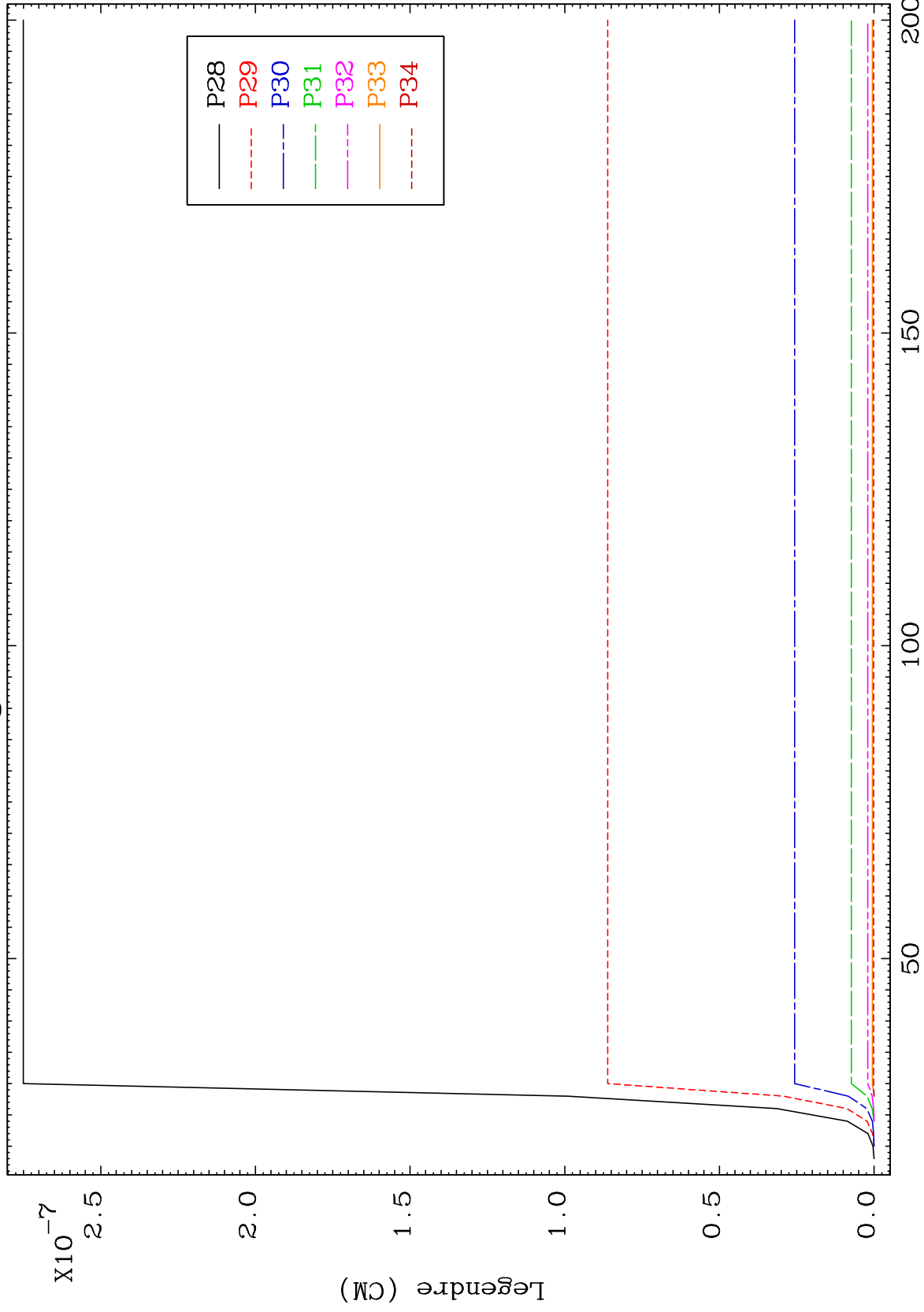


73

MAT 3819

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

38-Sr-82



74

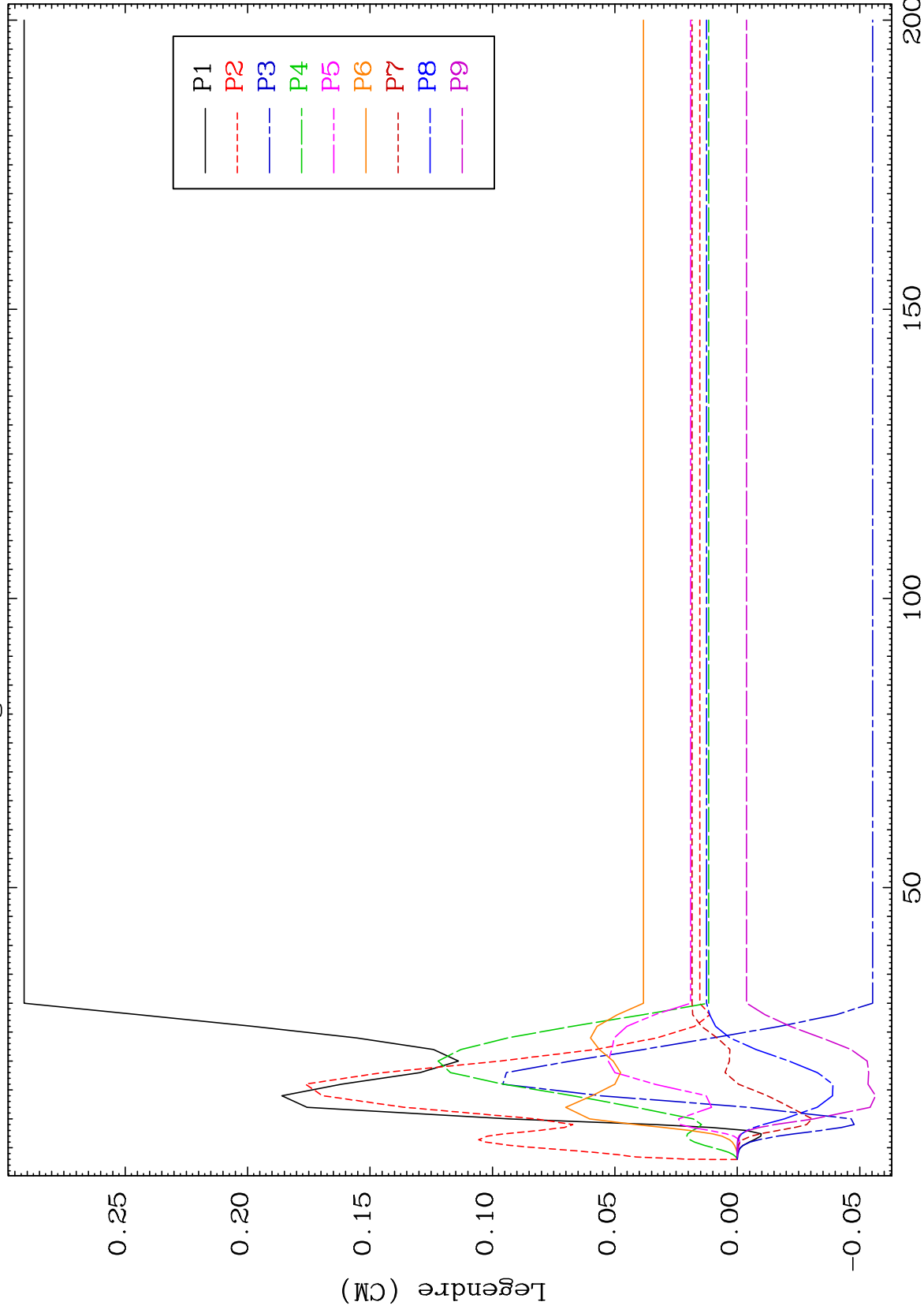
Incident Energy (MeV)

38-Sr-82

MAT 3819

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

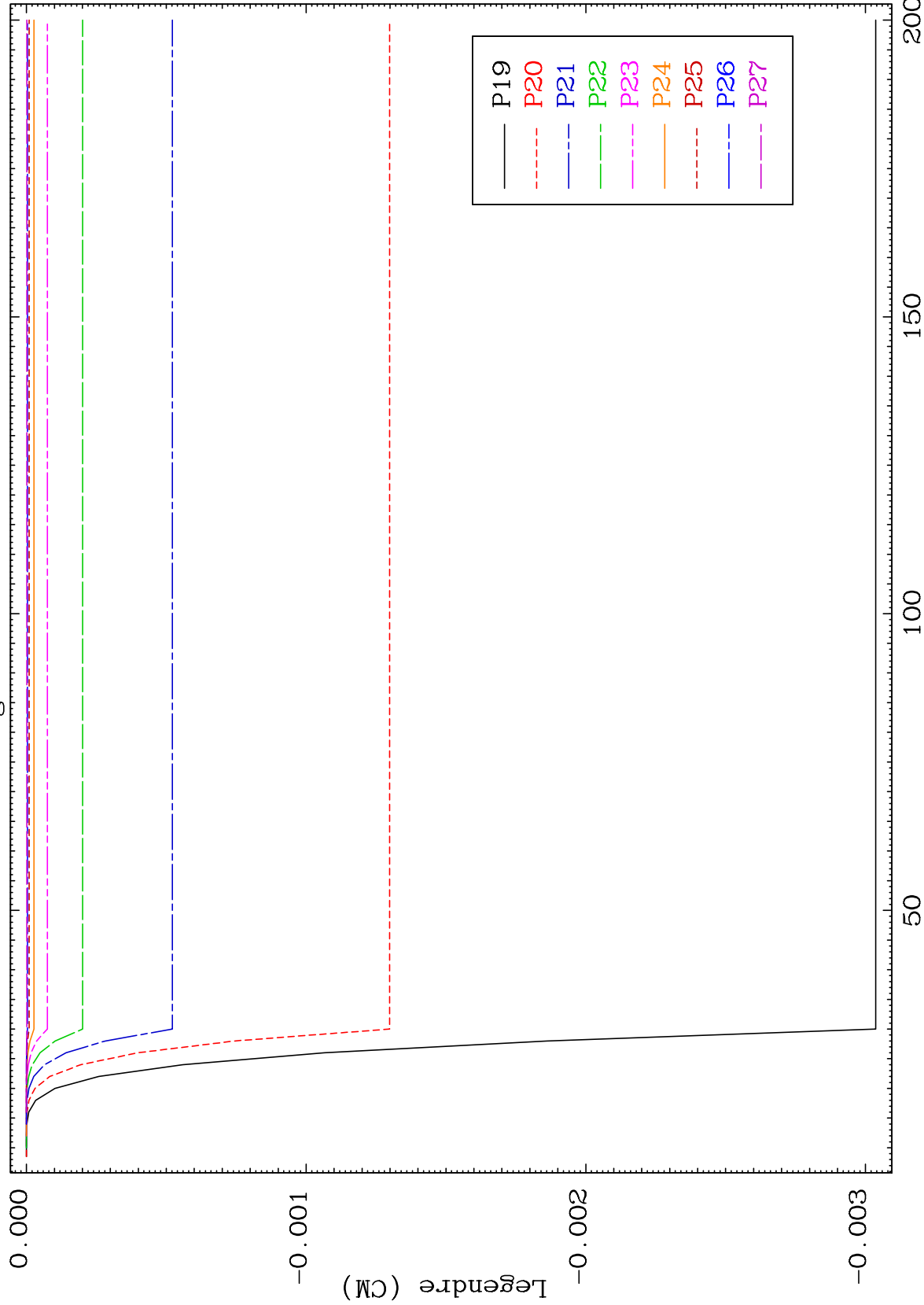
38-Sr-82

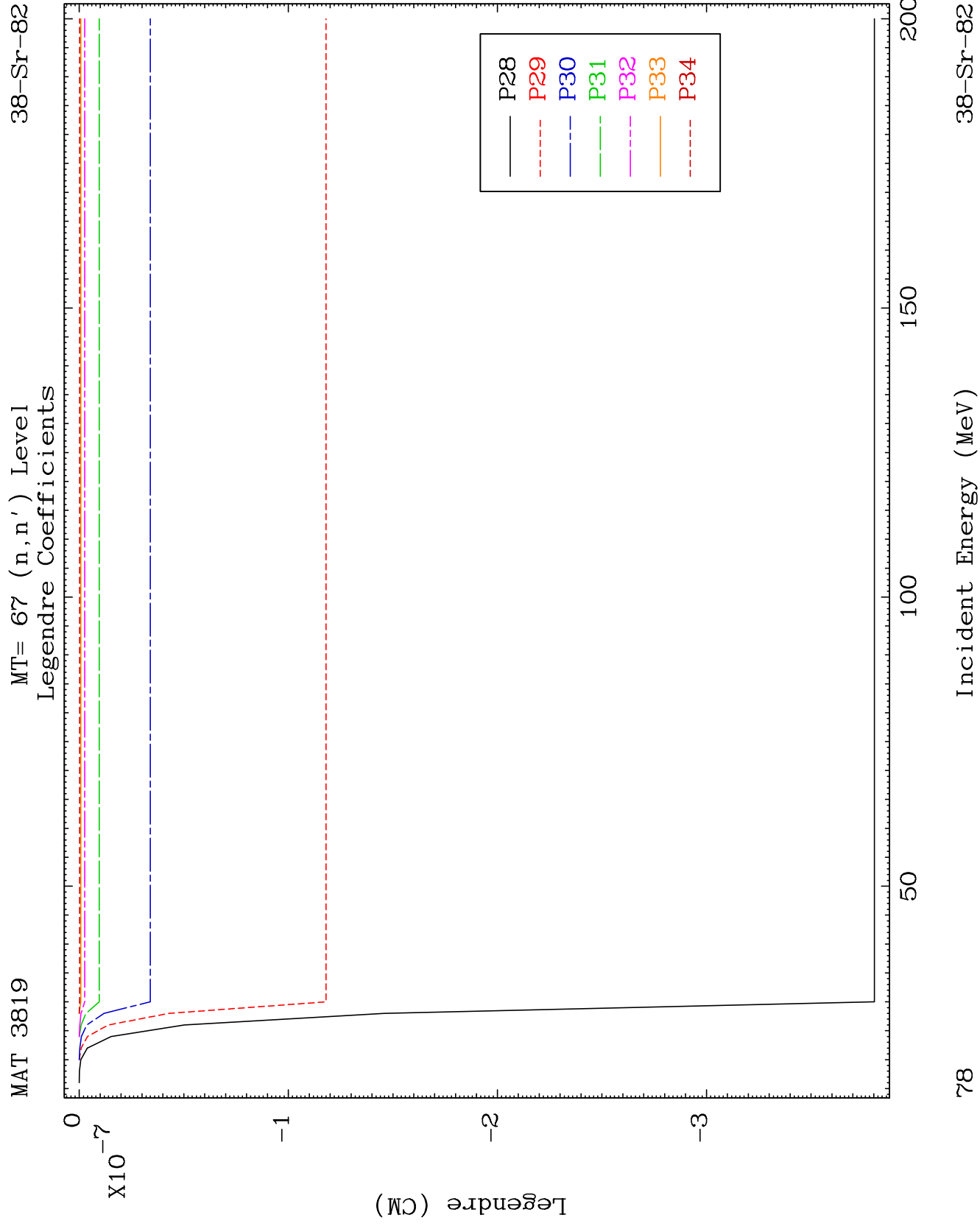


75

Incident Energy (MeV)

38-Sr-82

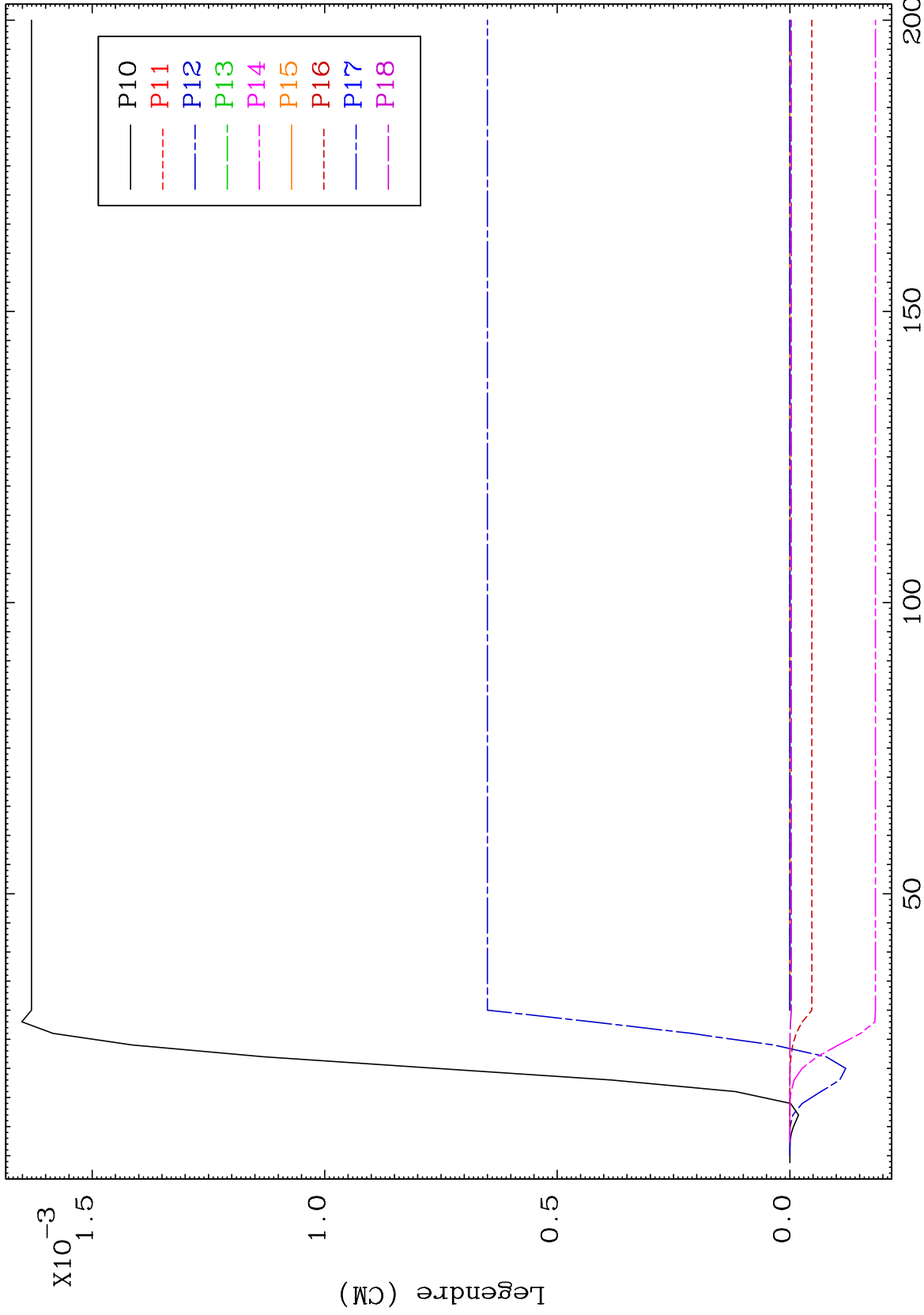


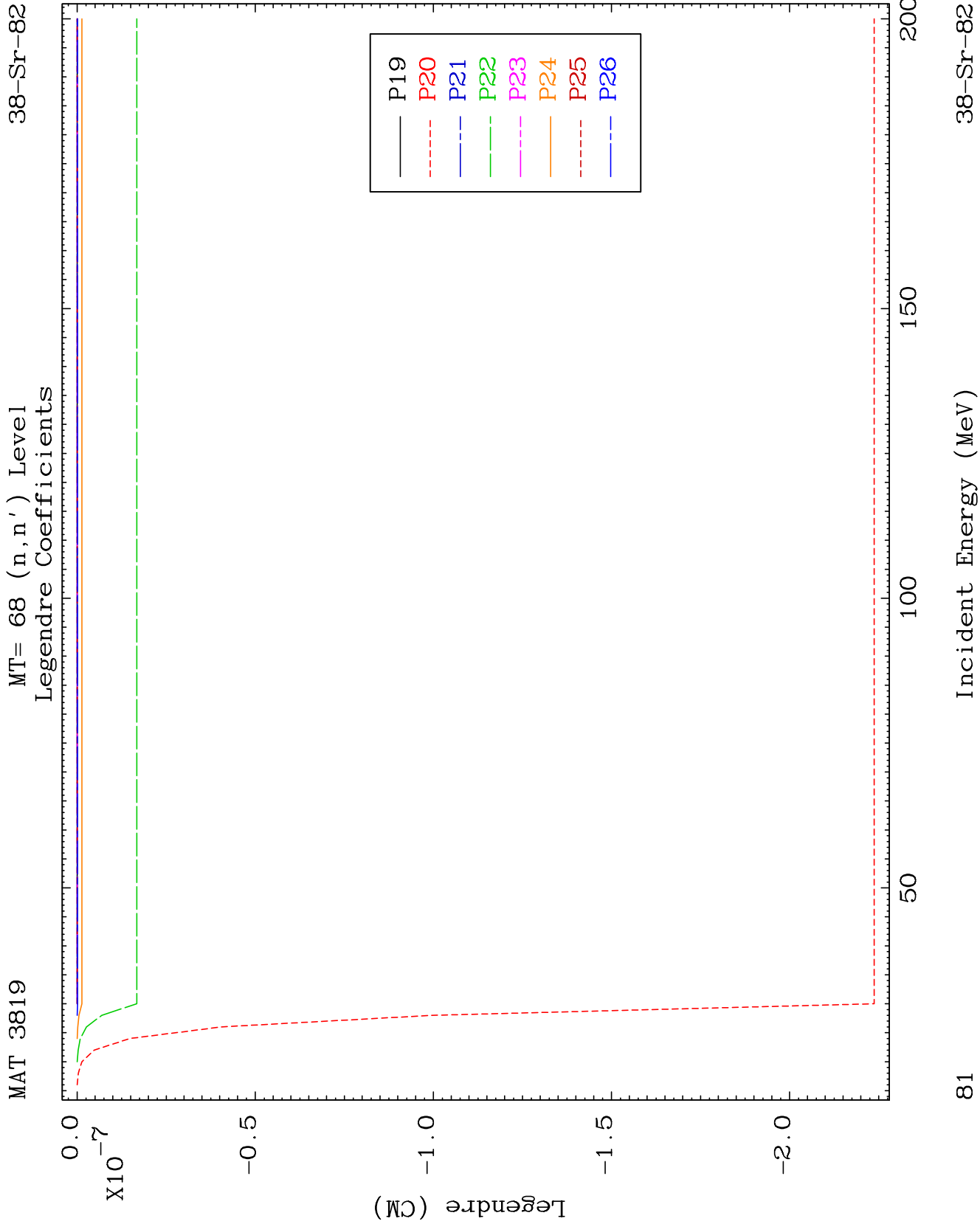


MAT 3819

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

38-Sr-82

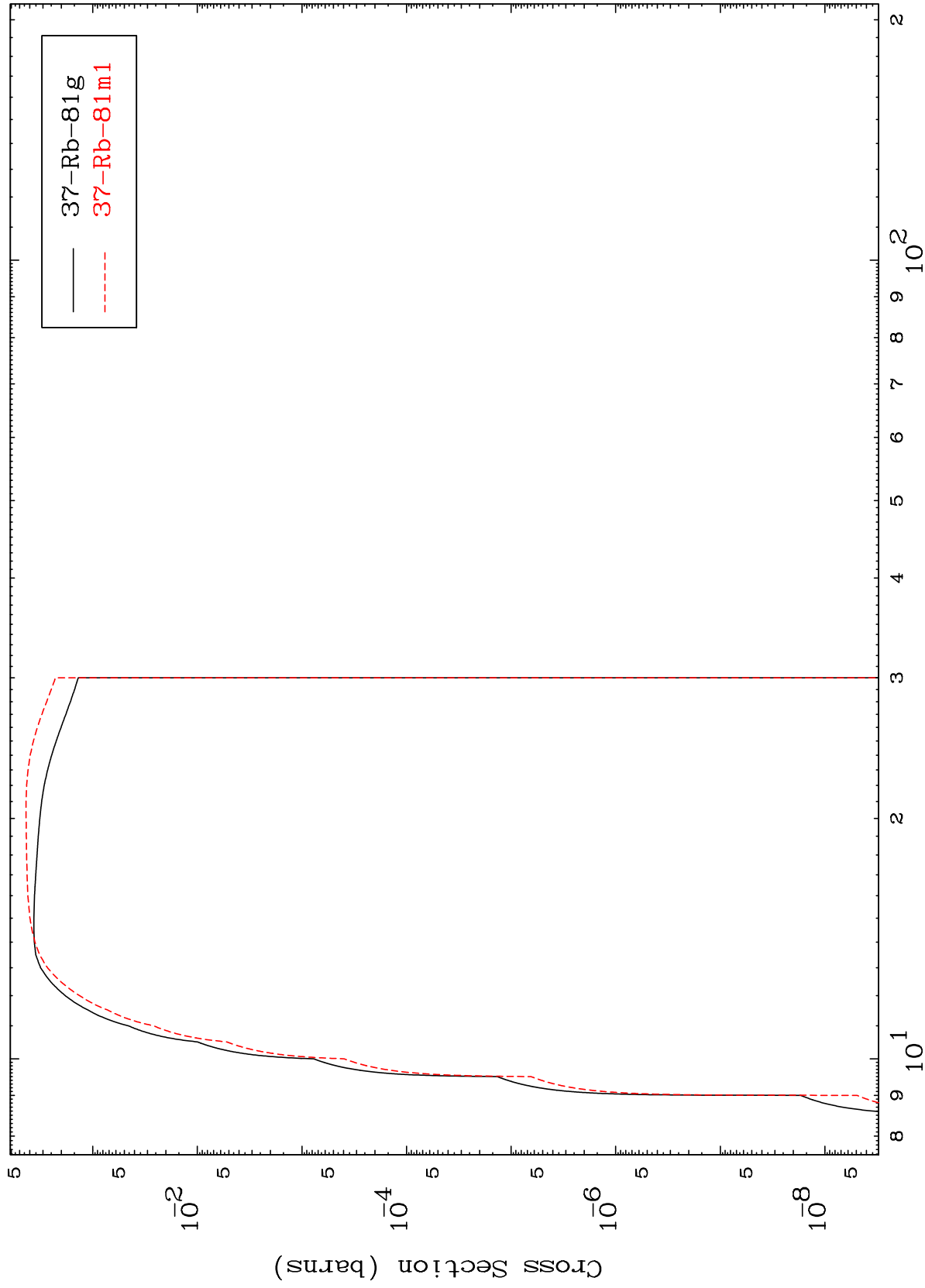




MAT 3819

38-Sr-82

(n,n') p
Radionuclide Production Cross Section



82

Incident Energy (MeV)

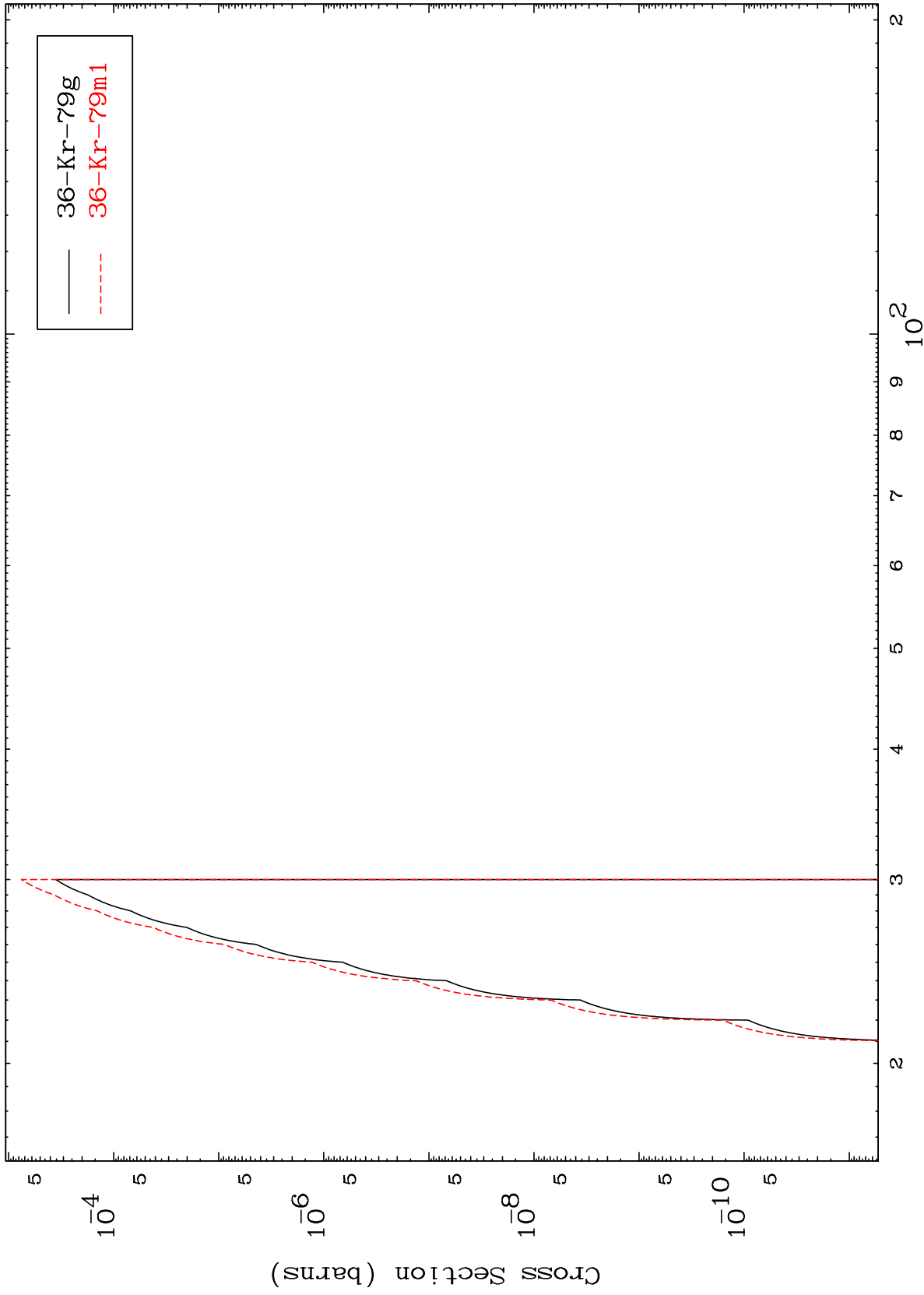
38-Sr-82

MAT 3819

(n,n') He-3

38-Sr-82

Radionuclide Production Cross Section

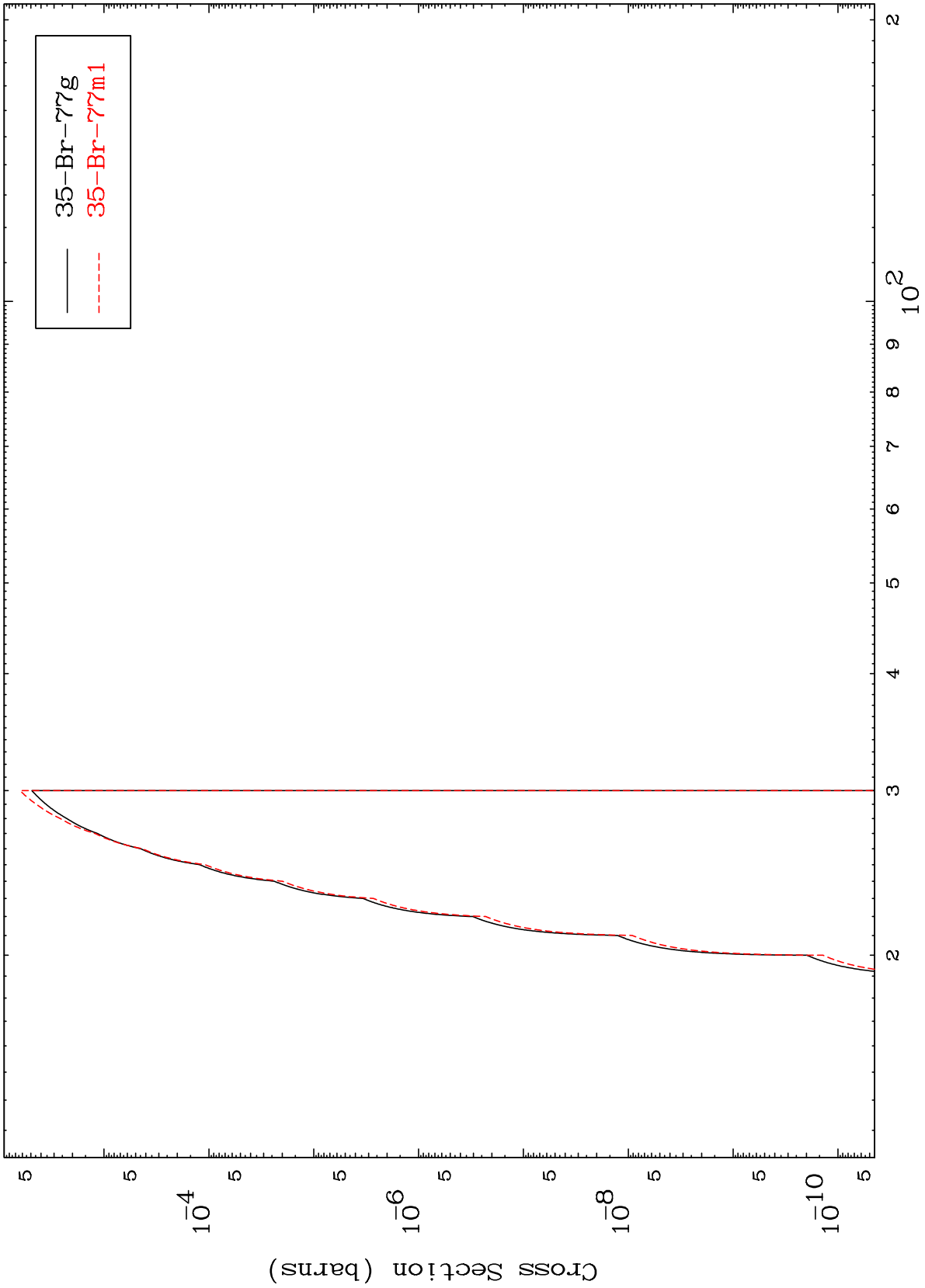


83

Incident Energy (MeV)

38-Sr-82

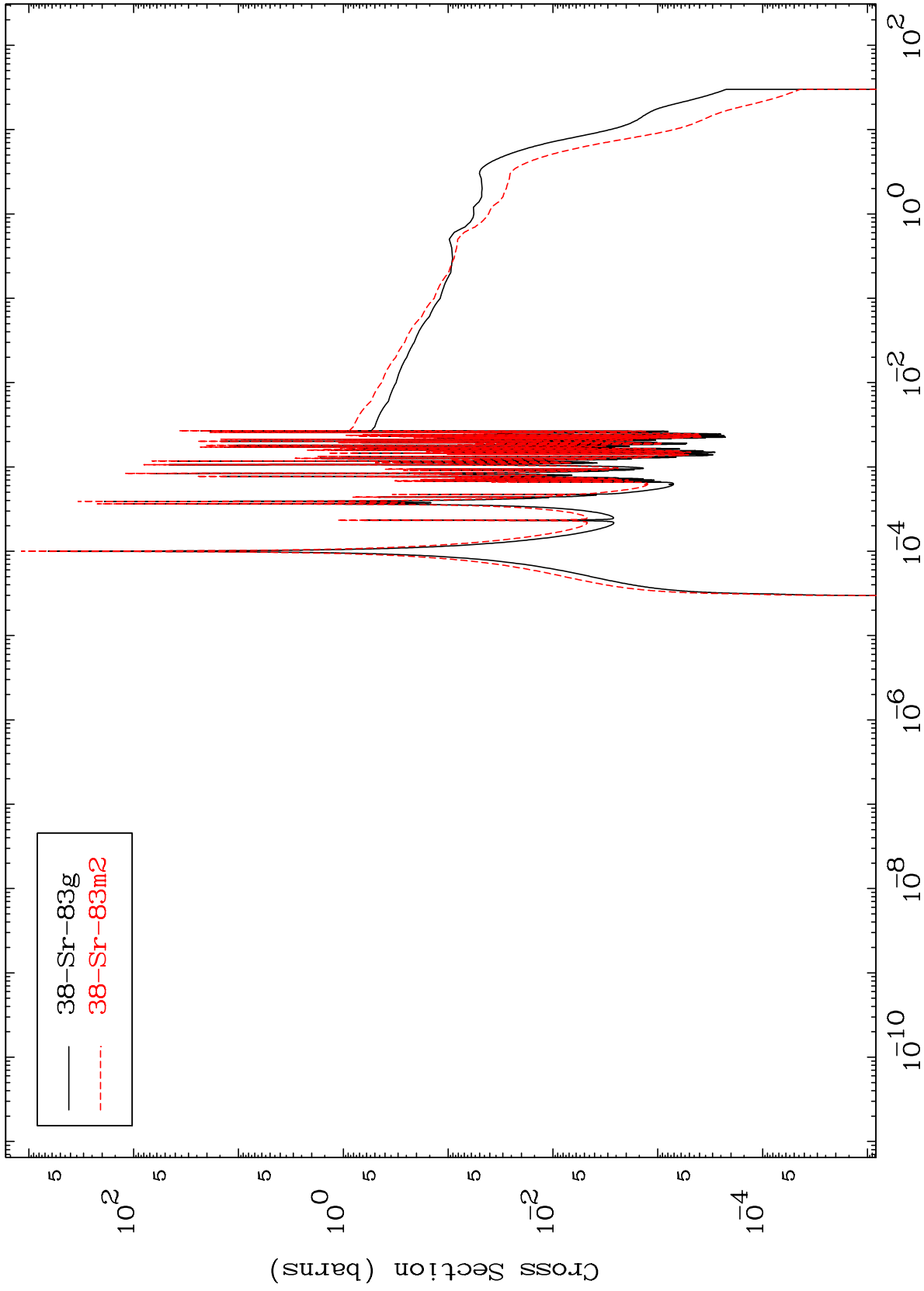
$(n,n')\ p\ \alpha$
Radionuclide Production Cross Section



MAT 3819

38-Sr-82

Radionuclide Production Cross Section



85

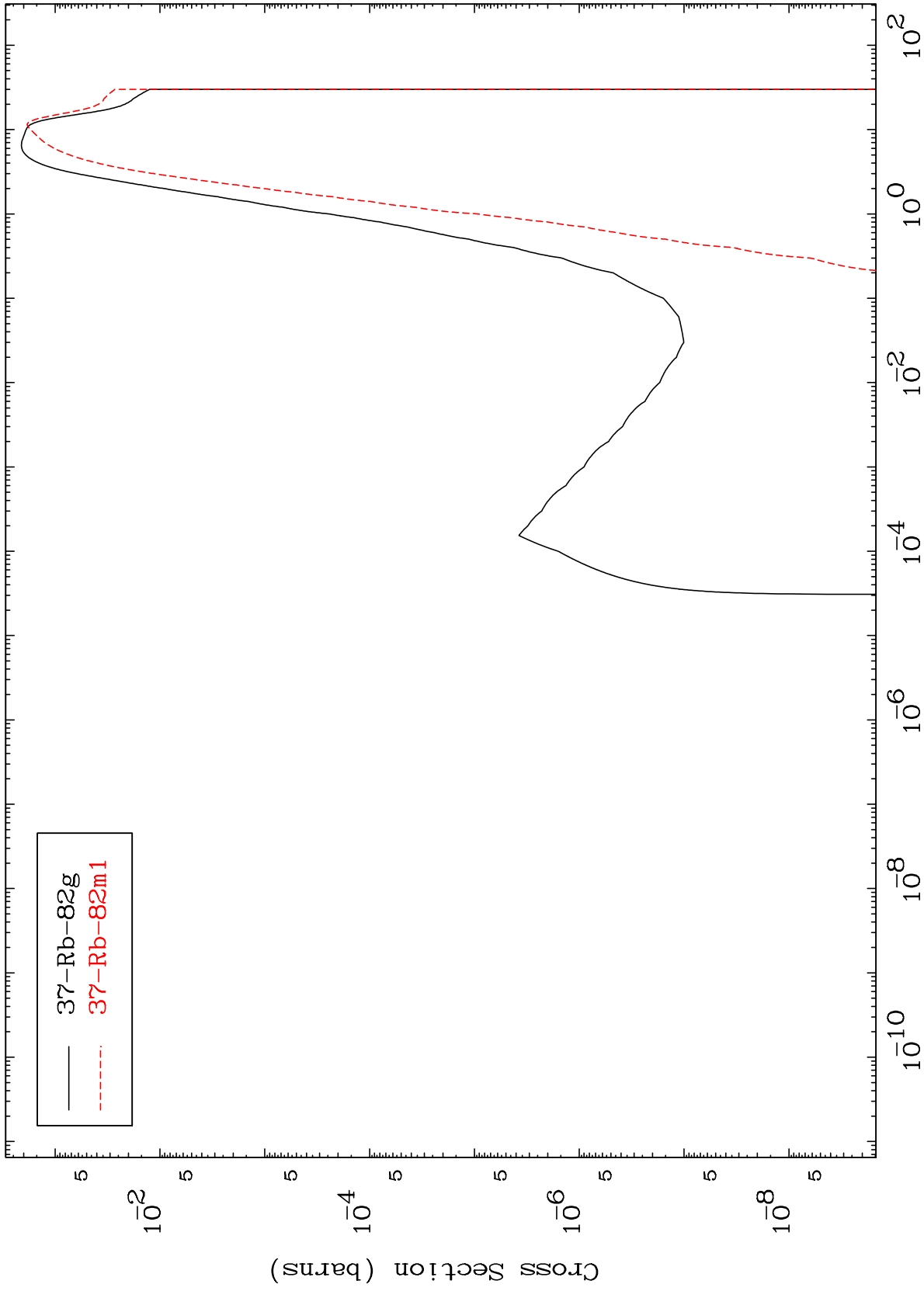
Incident Energy (MeV)

38-Sr-82

MAT 3819

38-Sr-82

Radionuclide Production Cross Section



86

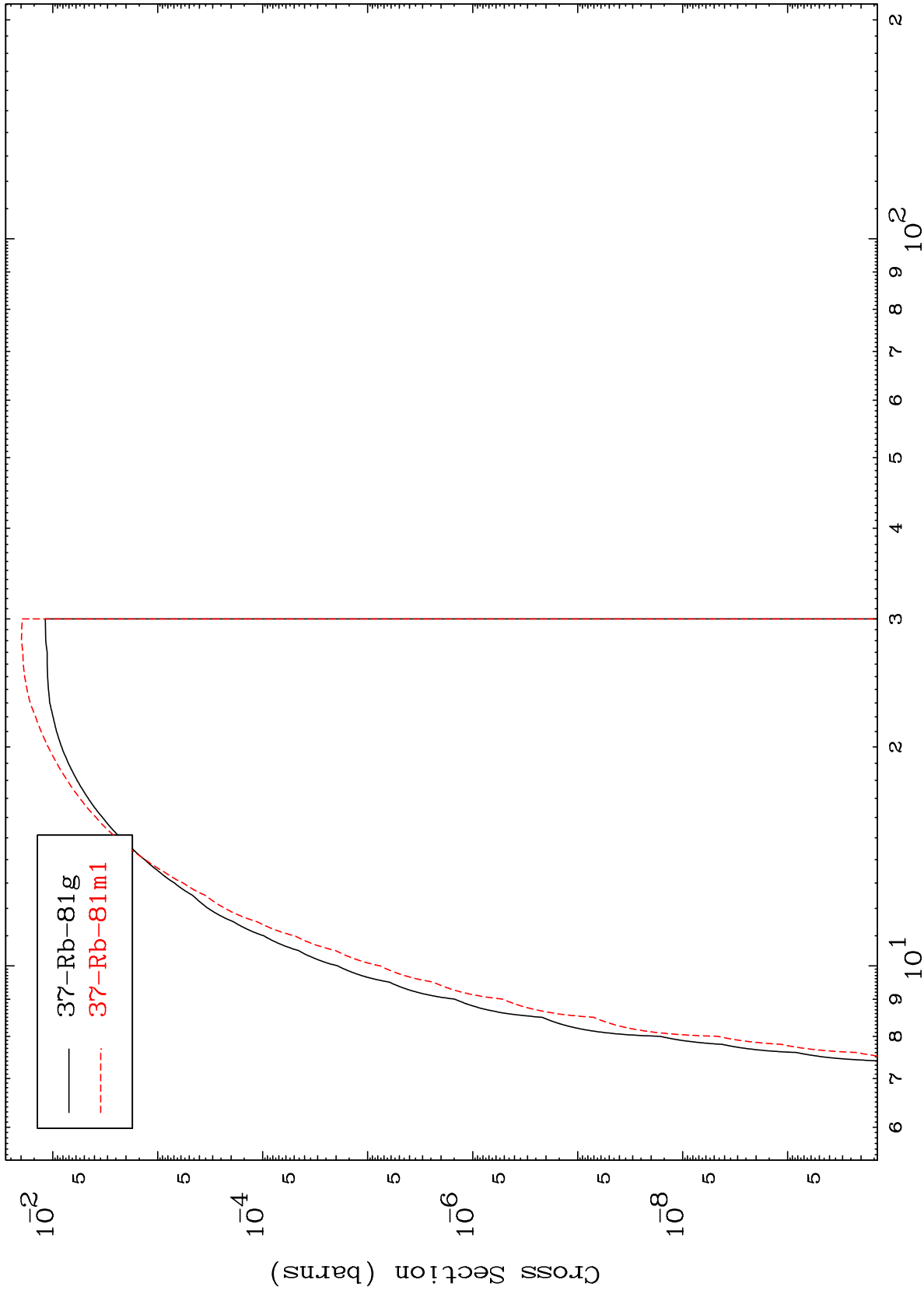
Incident Energy (MeV)

38-Sr-82

MAT 3819

38-Sr-82

(n,d)
Radionuclide Production Cross Section



87

Incident Energy (MeV)

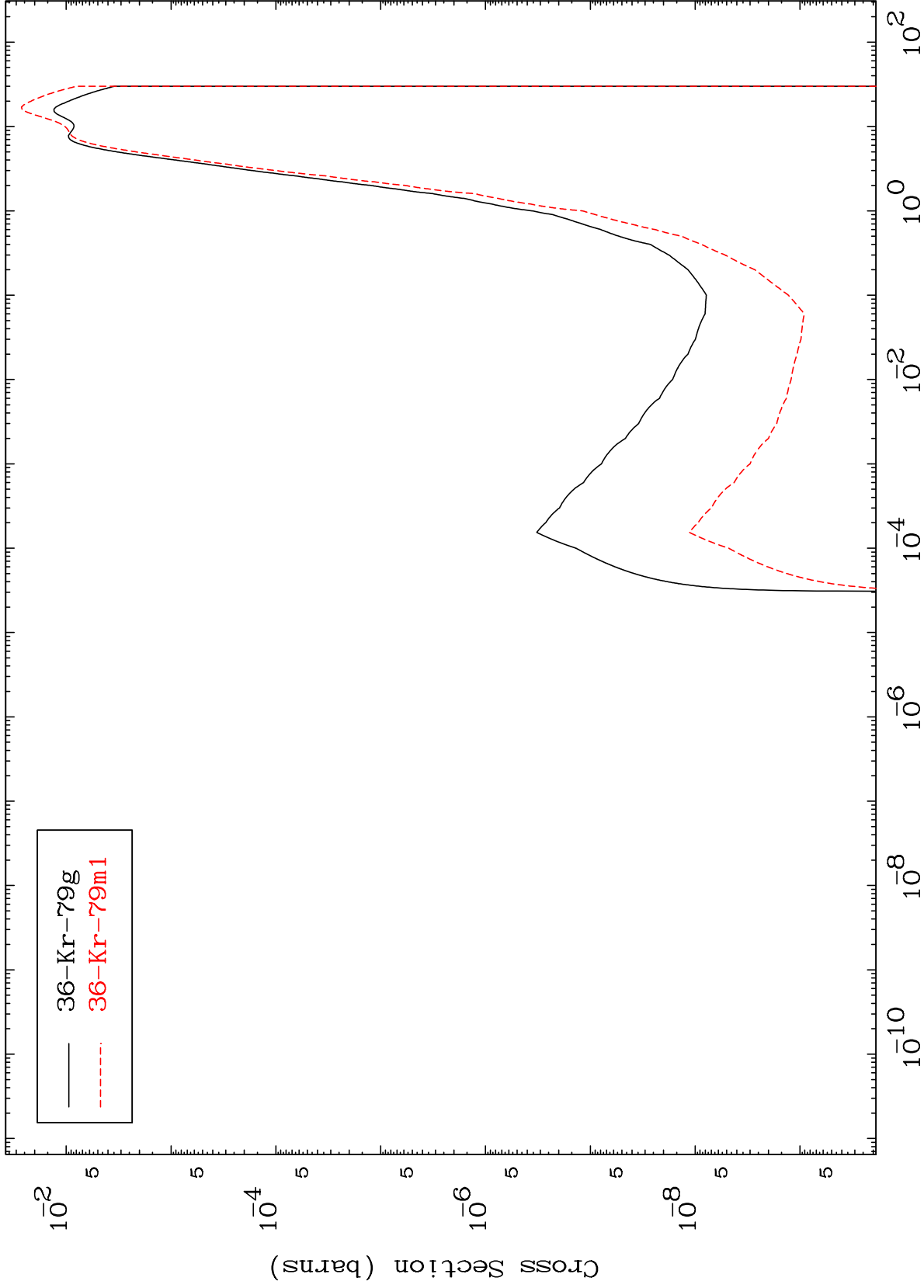
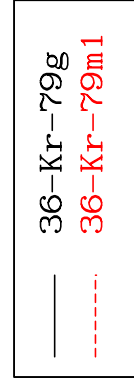
38-Sr-82

MAT 3819

(n,α)

38-Sr-82

Radionuclide Production Cross Section



88

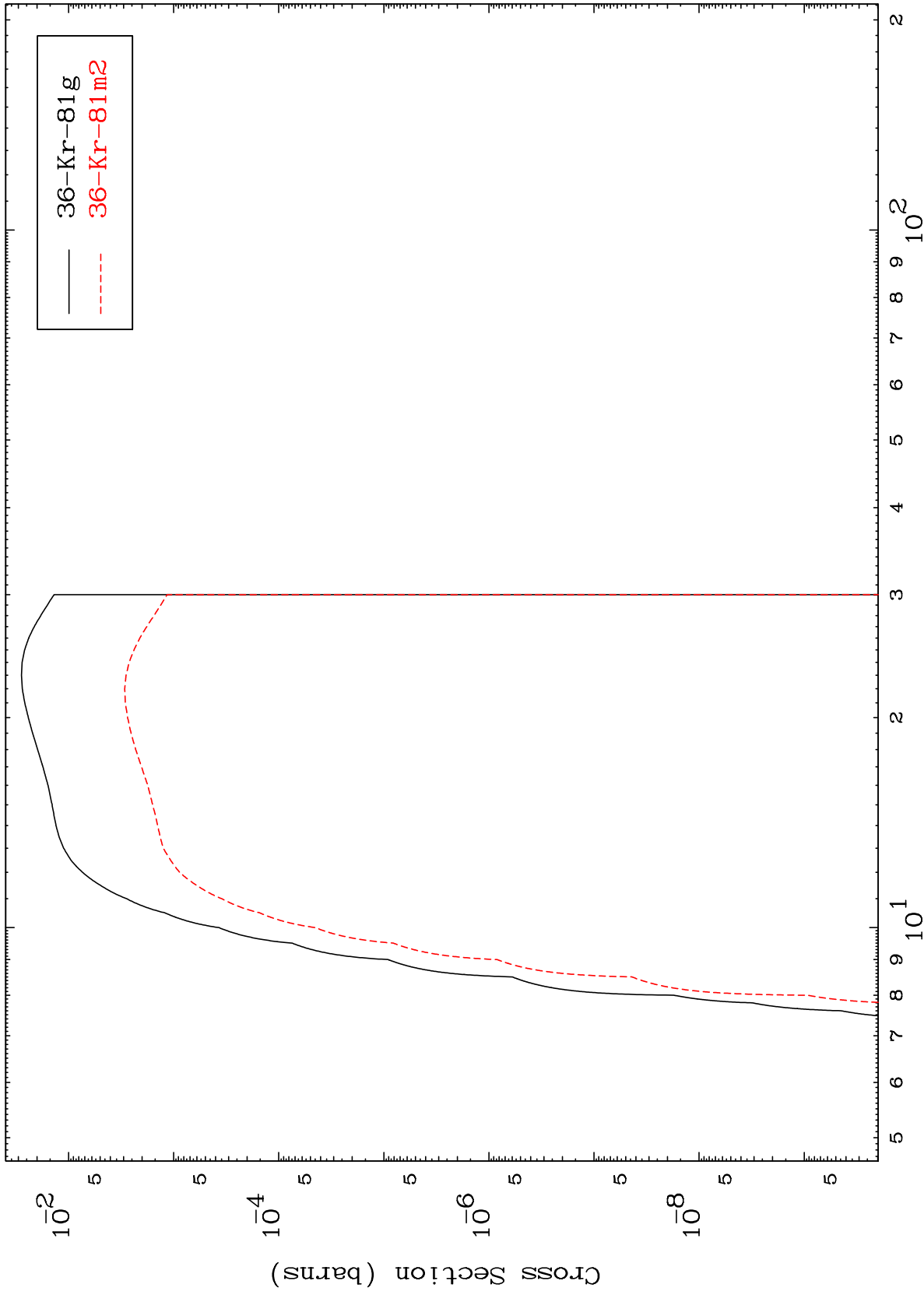
Incident Energy (MeV)

38-Sr-82

MAT 3819

38-Sr-82

(n,2p)
Radionuclide Production Cross Section



89

Incident Energy (MeV)

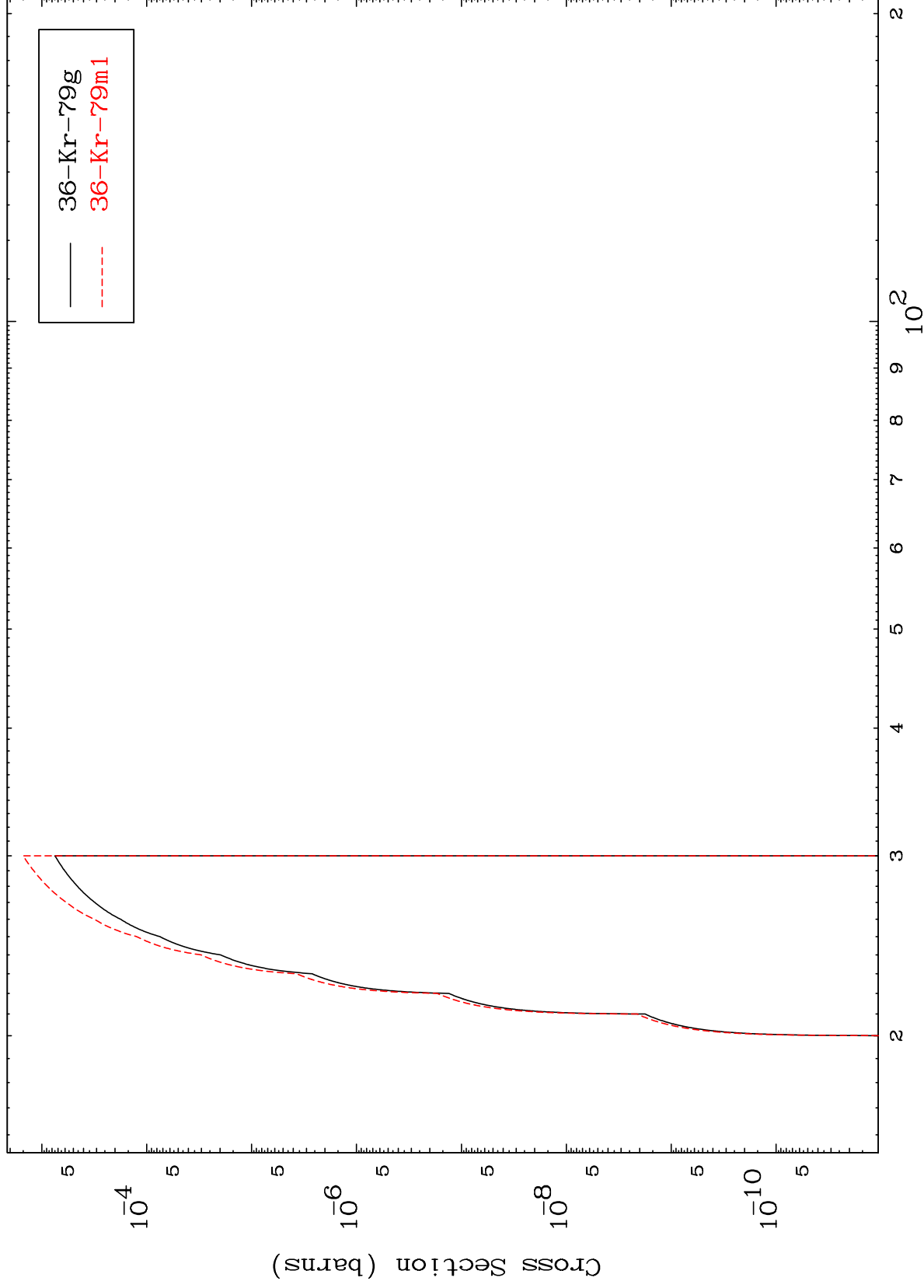
38-Sr-82

MAT 3819

(n,p) t

38-Sr-82

Radionuclide Production Cross Section



90

Incident Energy (MeV)

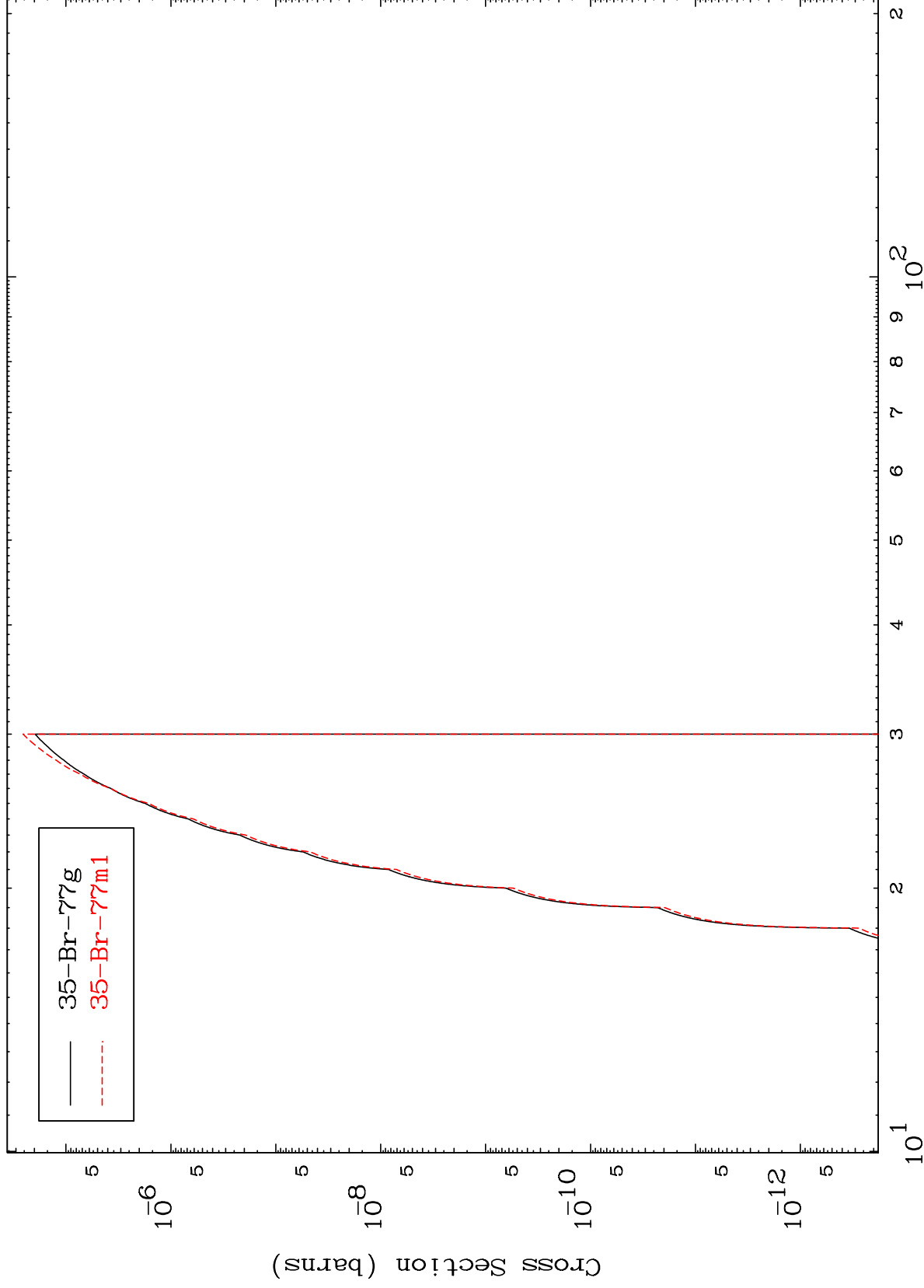
38-Sr-82

MAT 3819

(n,d) α

38-Sr-82

Radionuclide Production Cross Section



91

Incident Energy (MeV)

38-Sr-82