

Program EVALPLOT
(Version 2017-1)

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

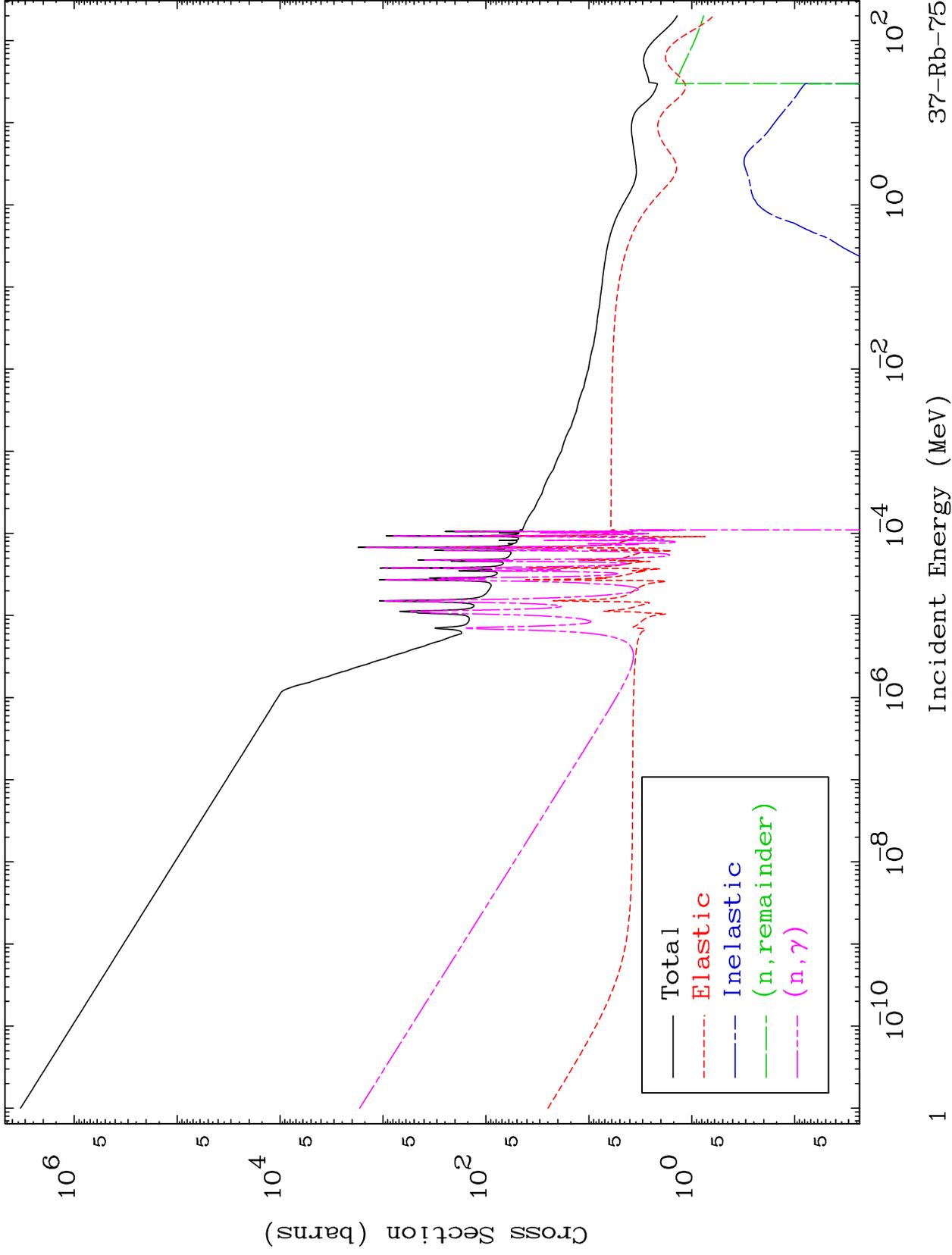
Web:redcullen1.net/HOMEPAGE.NEW

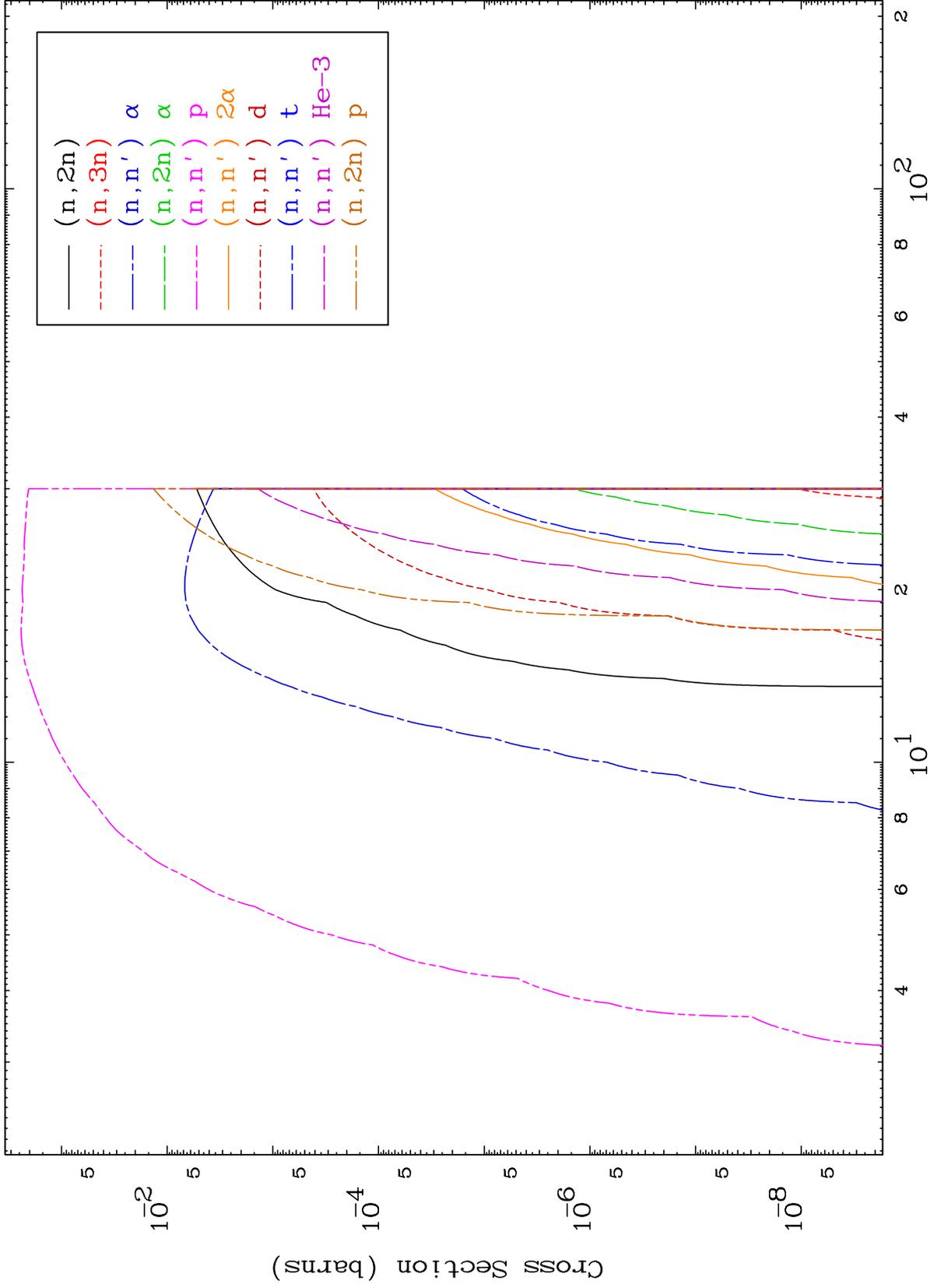
Press Mouse Button to Start

MAT 3695

Major
293 Kelvin Cross Sections

37-Rb-75

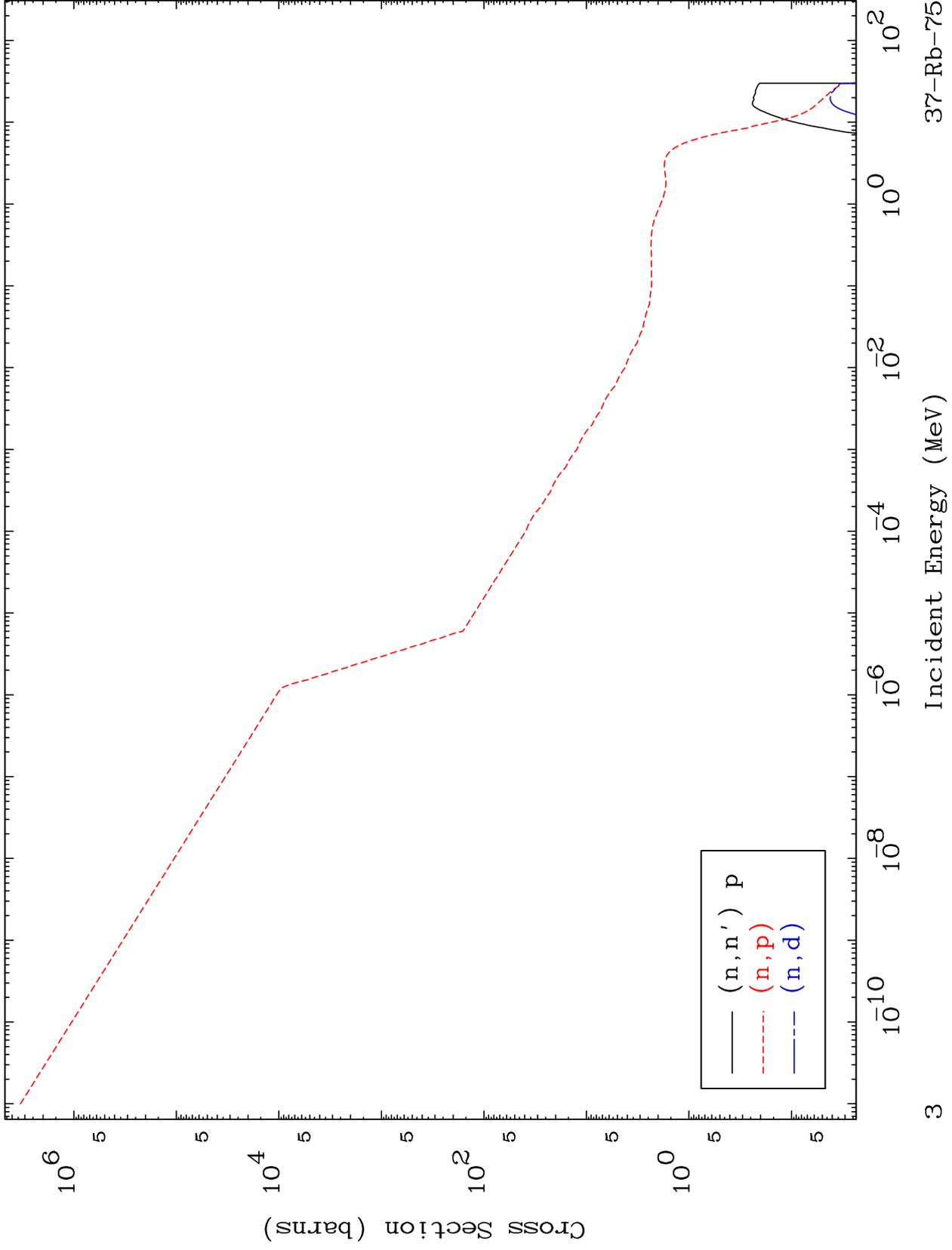




MAT 3695

Charged Particle
293 Kelvin Cross Sections

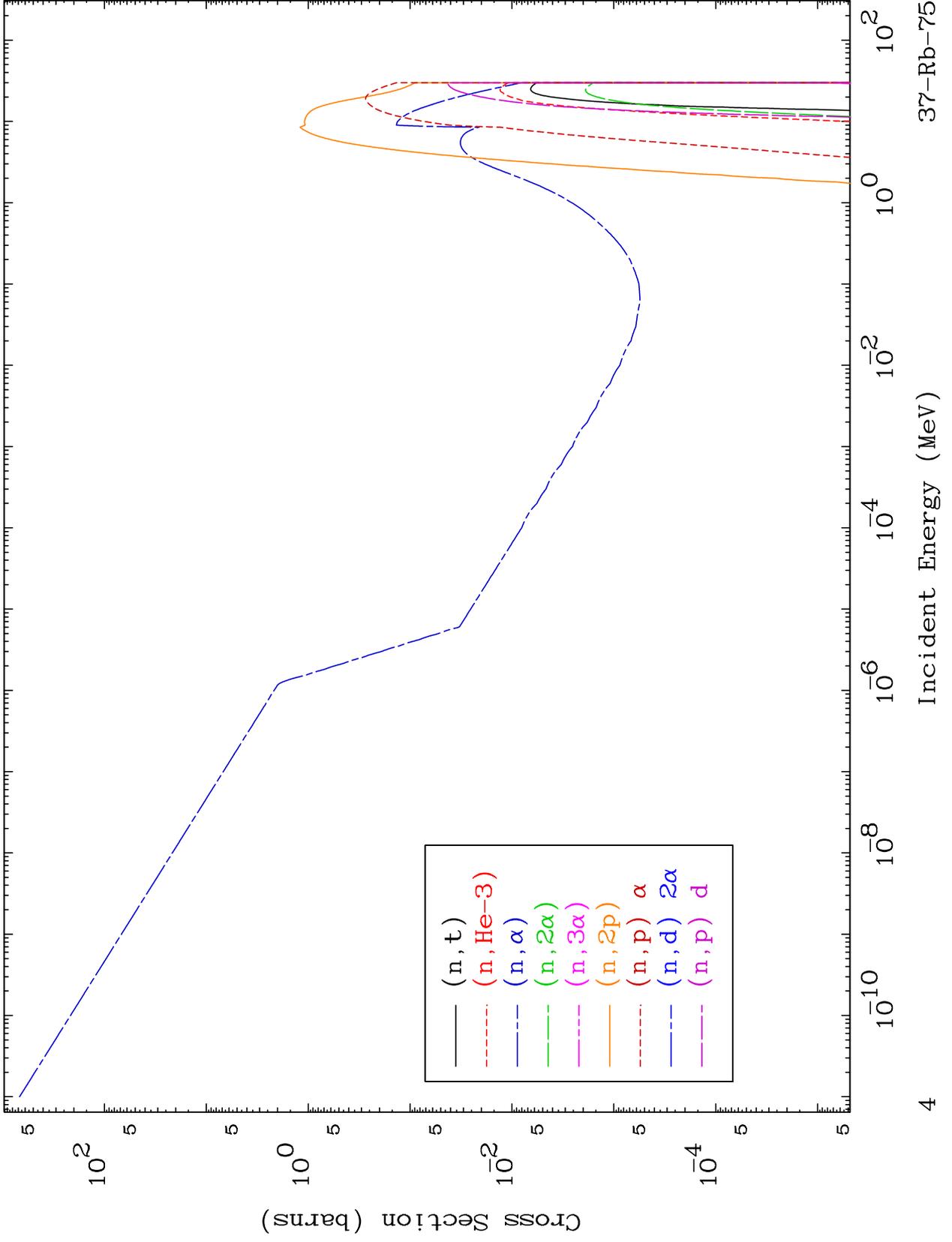
37-Rb-75

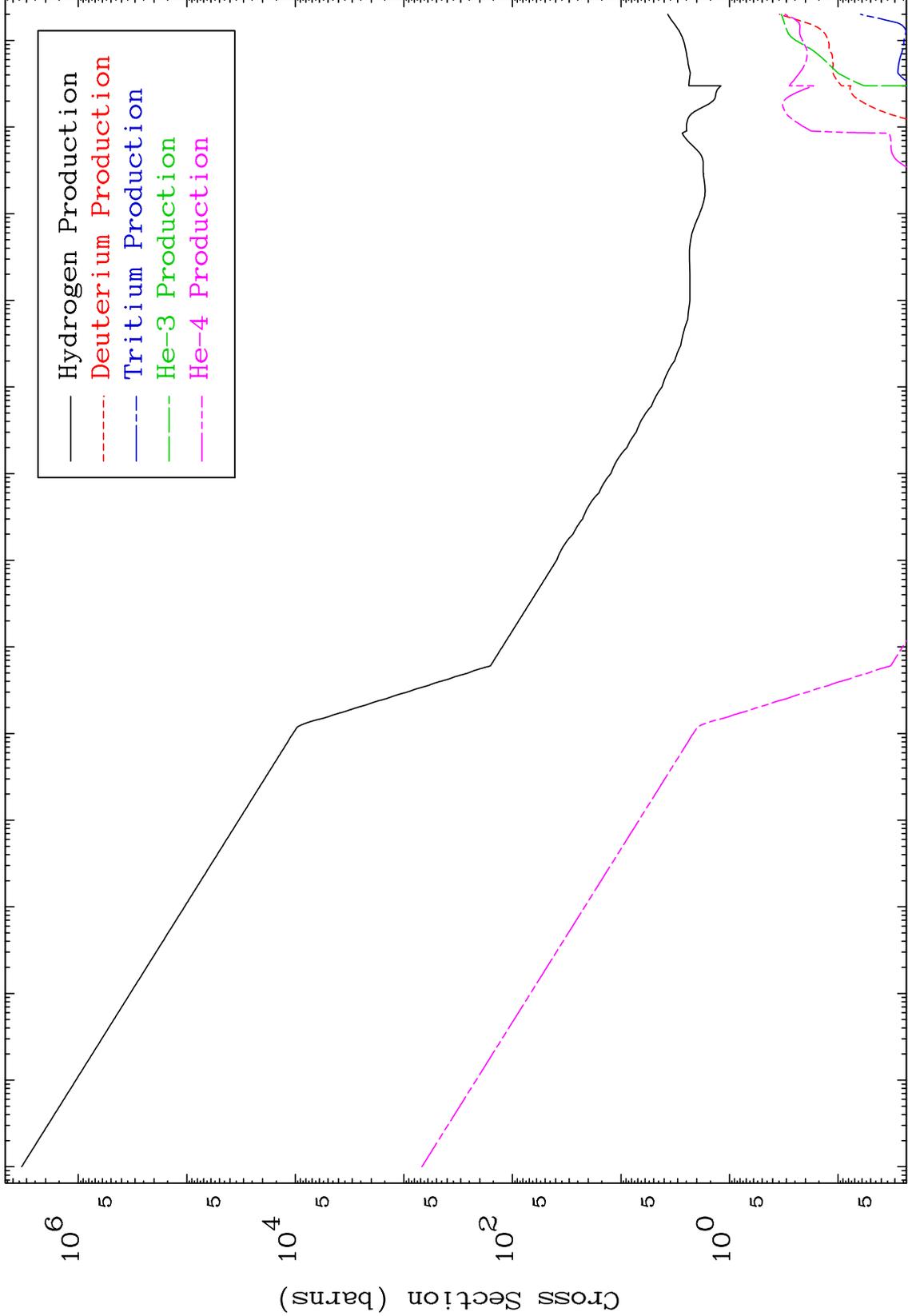


MAT 3695

Charged Particle
293 Kelvin Cross Sections

37-Rb-75



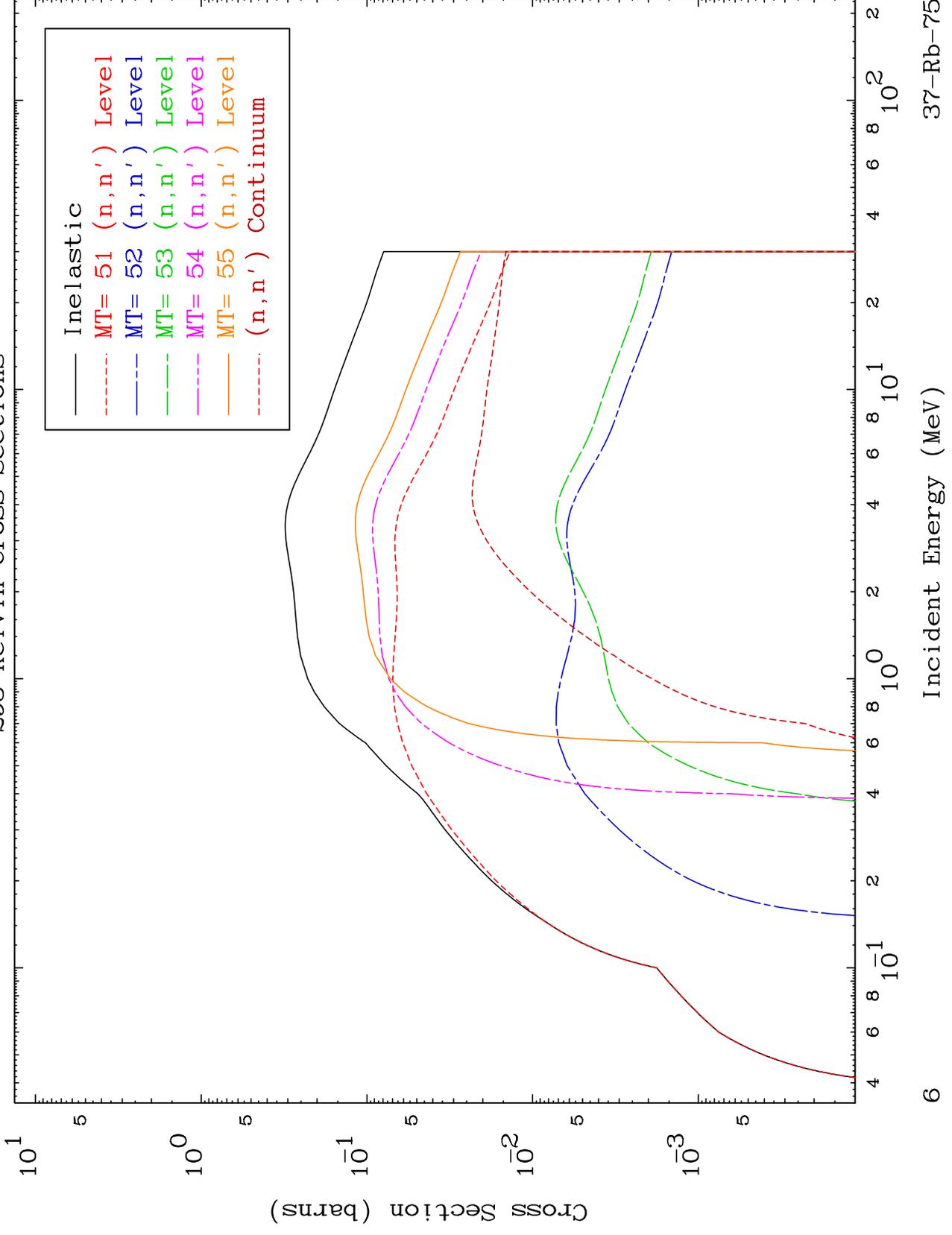


MAT 3695

(n,n') Level

37-Rb-75

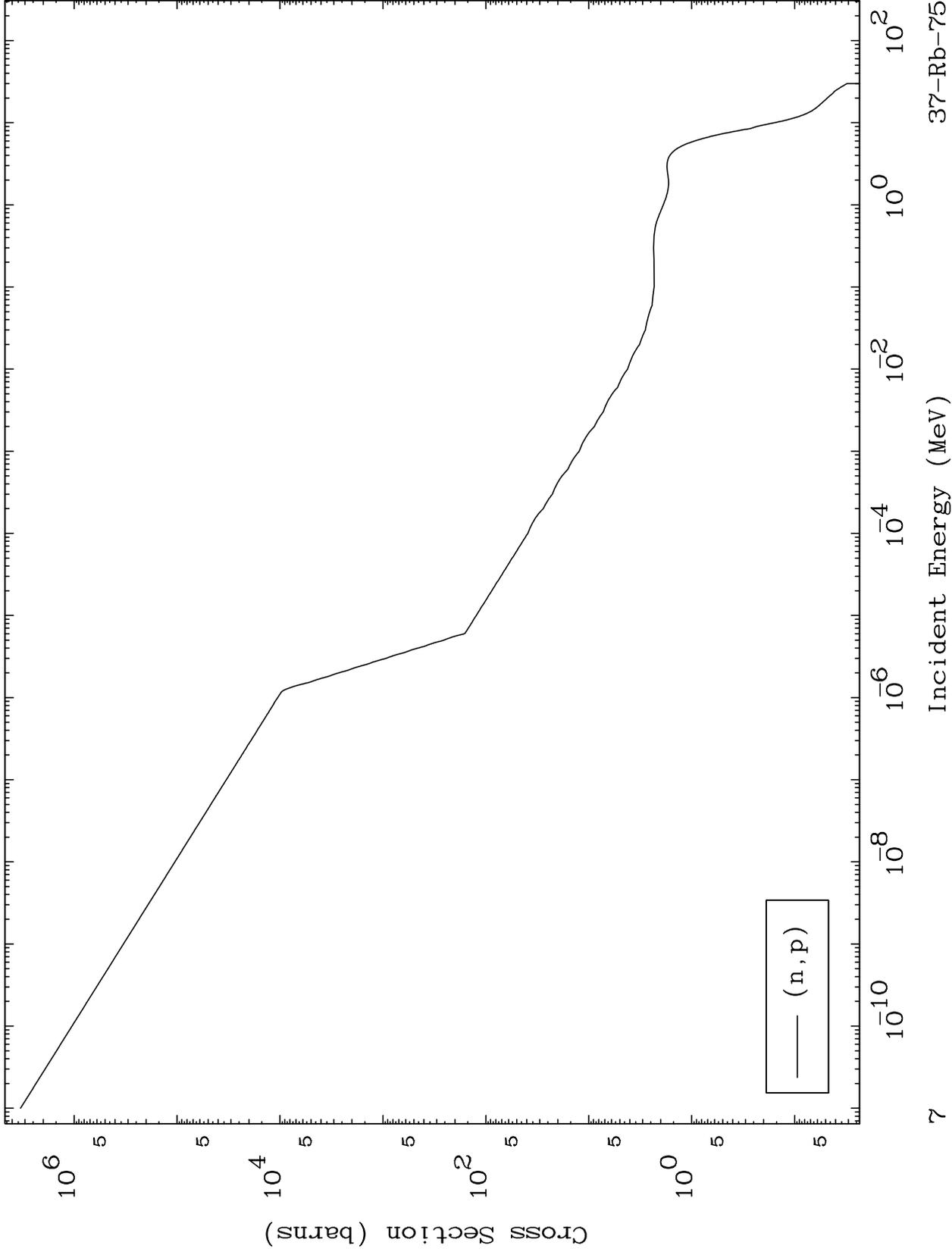
293 Kelvin Cross Sections



MAT 3695

(n,p) Levels
293 Kelvin Cross Sections

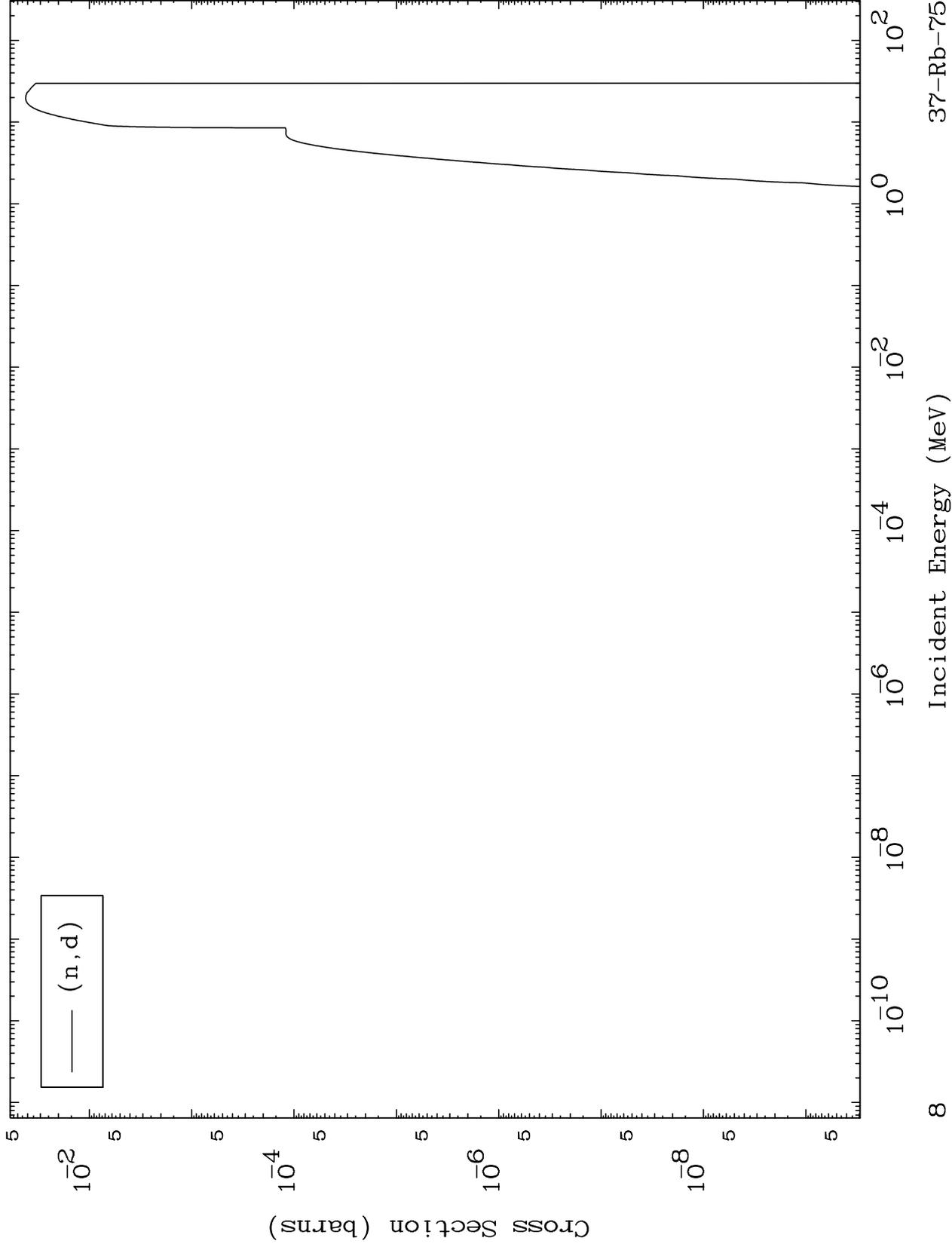
37-Rb-75



MAT 3695

(n,d) Levels
293 Kelvin Cross Sections

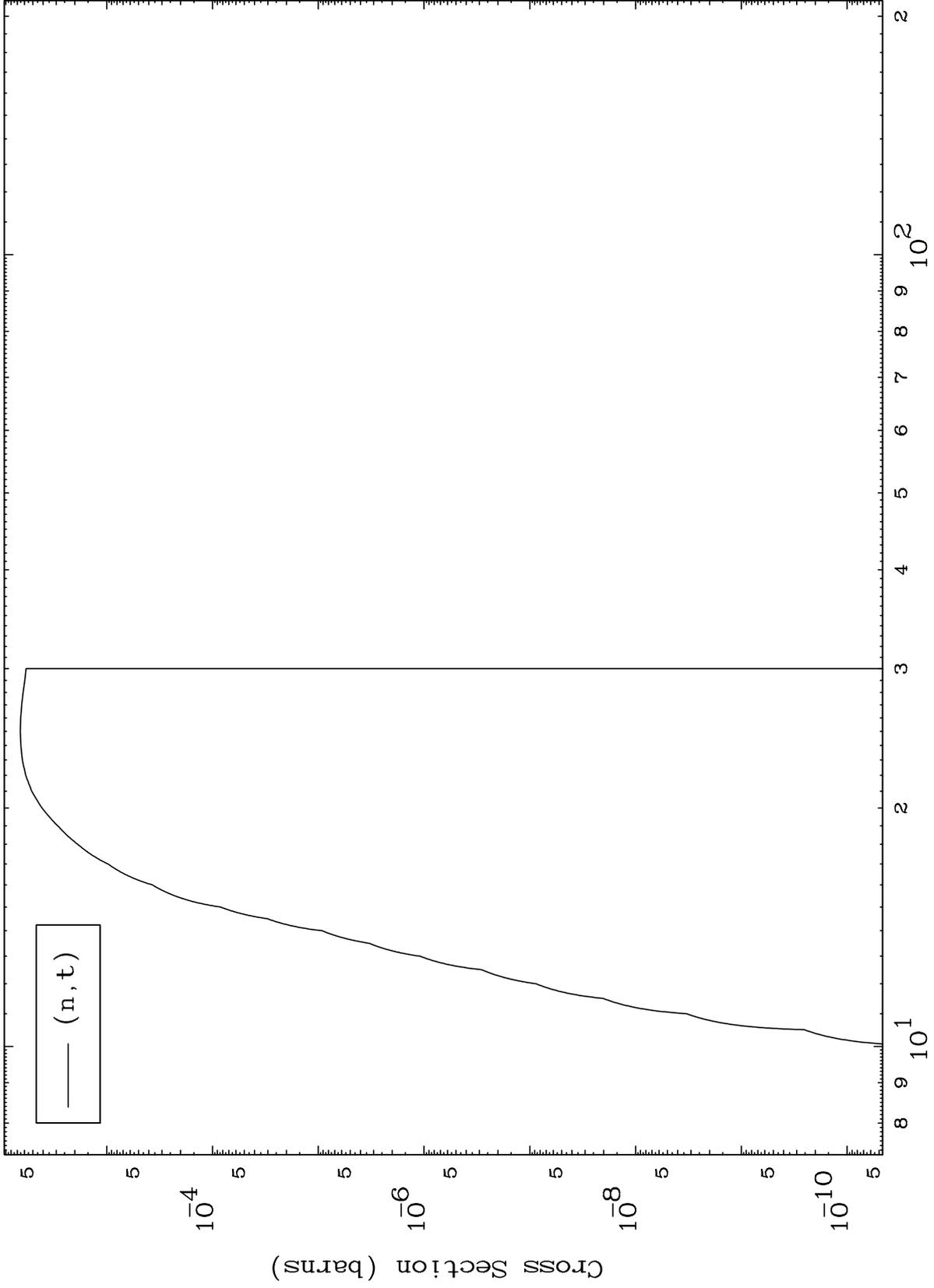
37-Rb-75



MAT 3695

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-75



9

Incident Energy (MeV)

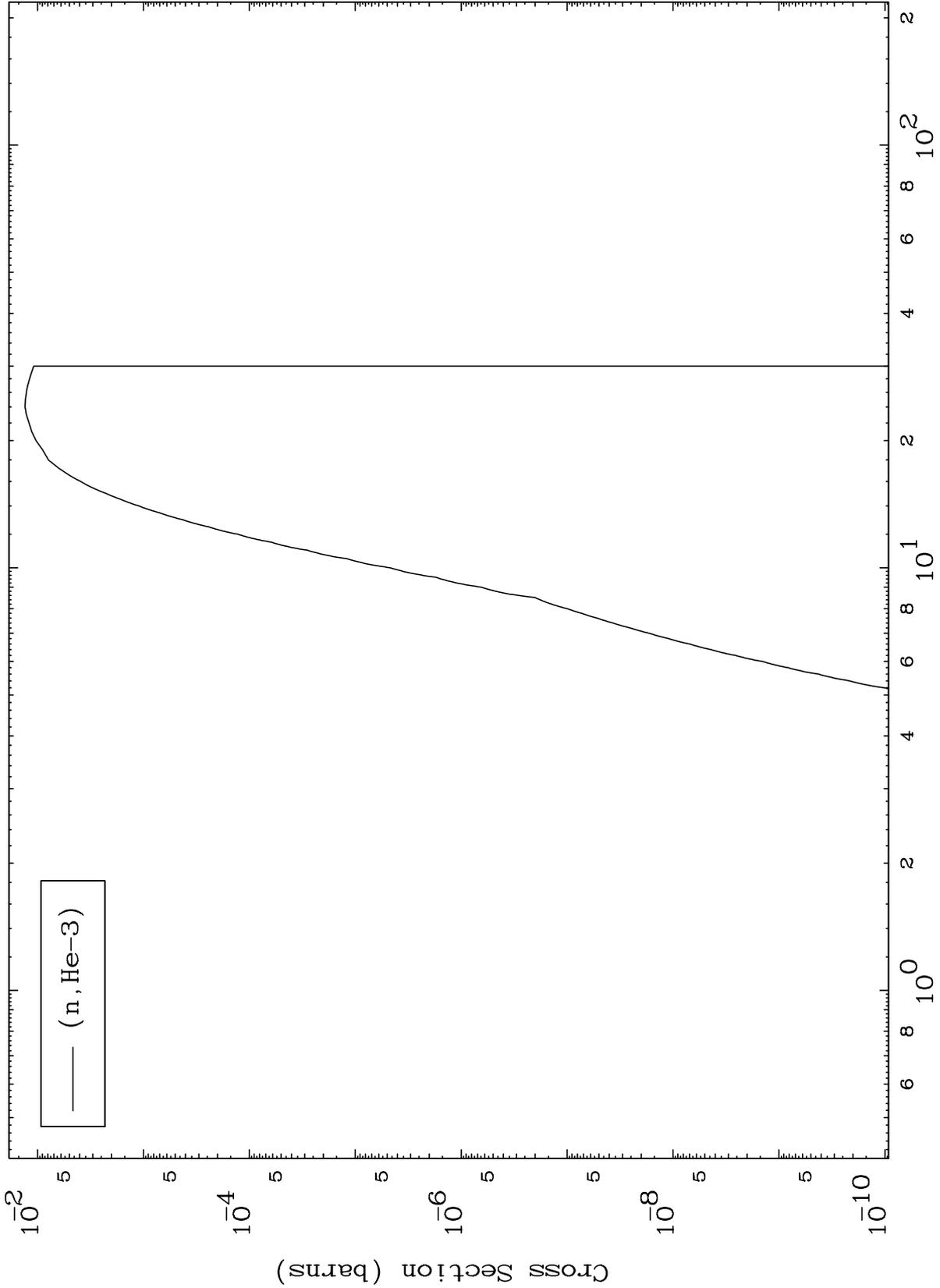
37-Rb-75

MAT 3695

(n,He3) Levels

37-Rb-75

293 Kelvin Cross Sections



10

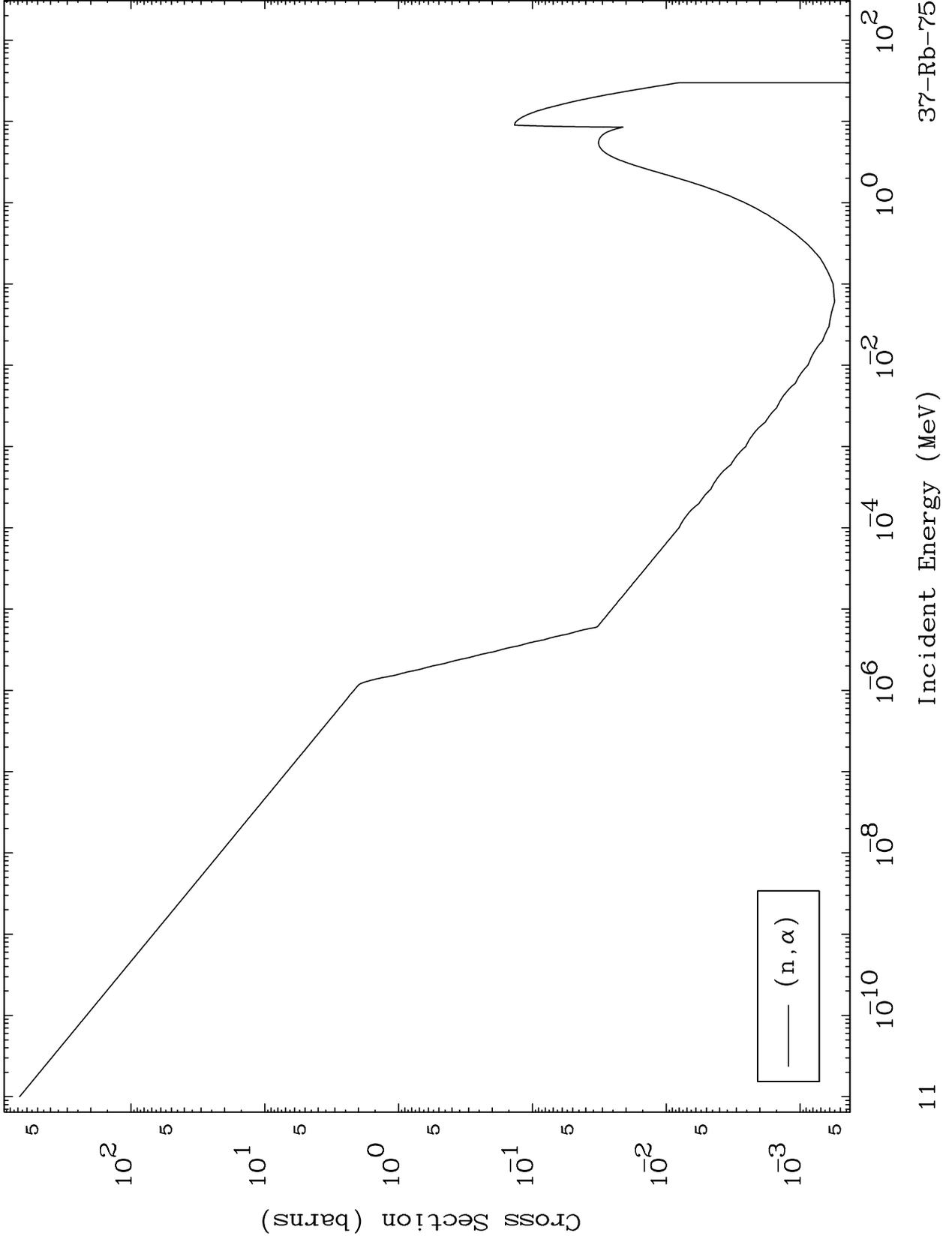
Incident Energy (MeV)

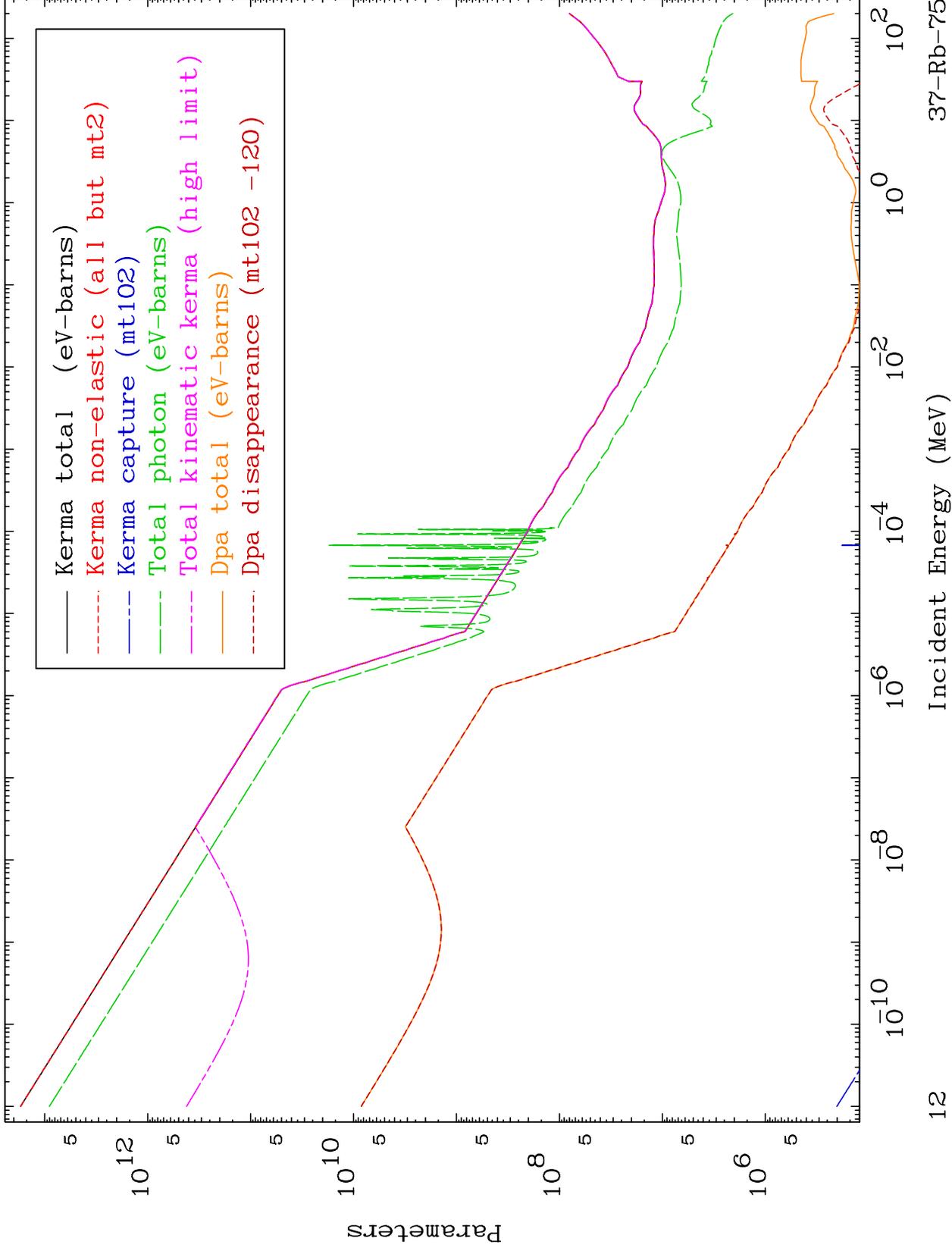
37-Rb-75

MAT 3695

(n,α) Levels
293 Kelvin Cross Sections

37-Rb-75

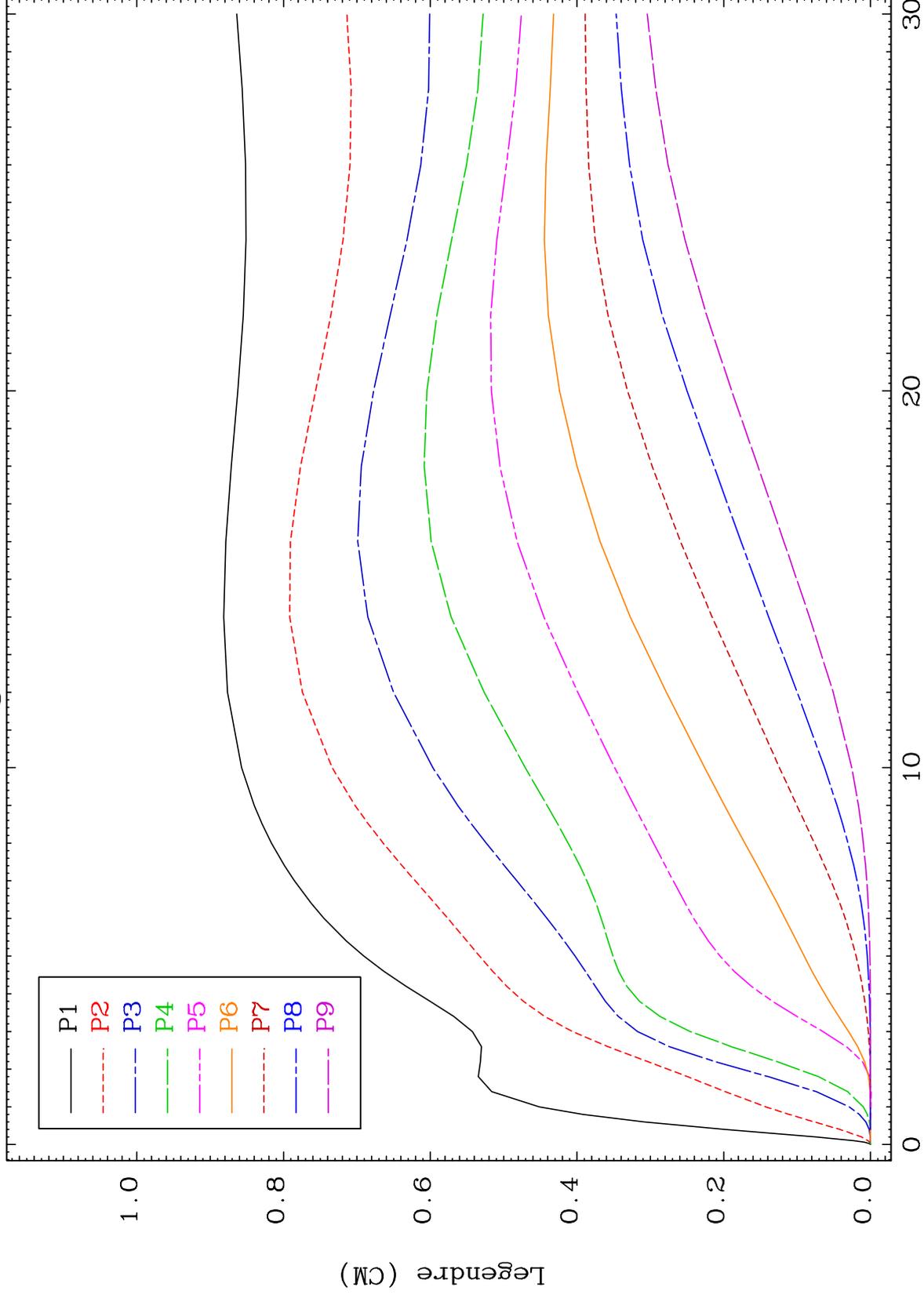




MAT 3695

Elastic Legendre Coefficients

37-Rb-75



13

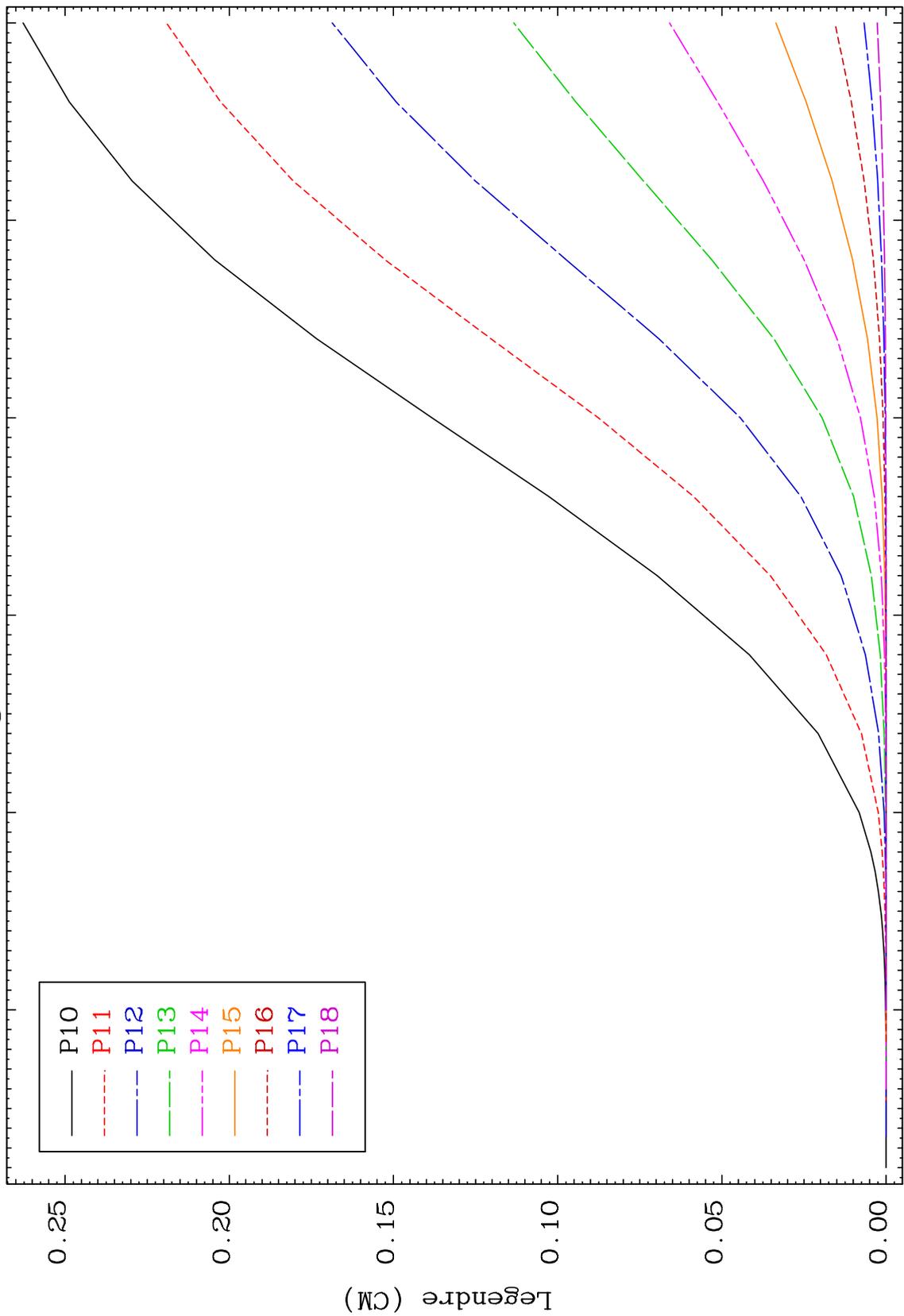
Incident Energy (MeV)

37-Rb-75

MAT 3695

Elastic Legendre Coefficients

³⁷Rb-75



14

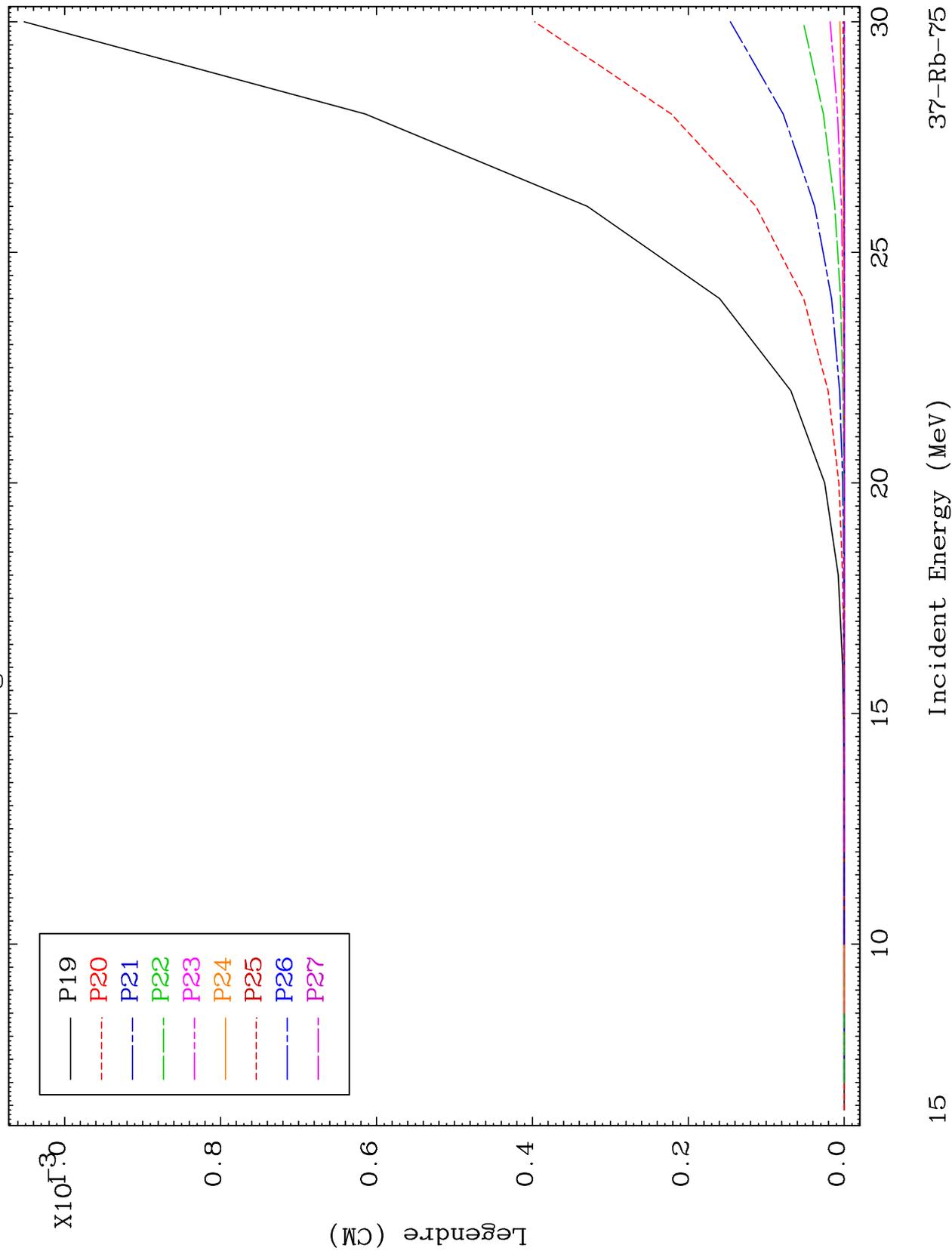
Incident Energy (MeV)

³⁷Rb-75

MAT 3695

Elastic Legendre Coefficients

37-Rb-75



15

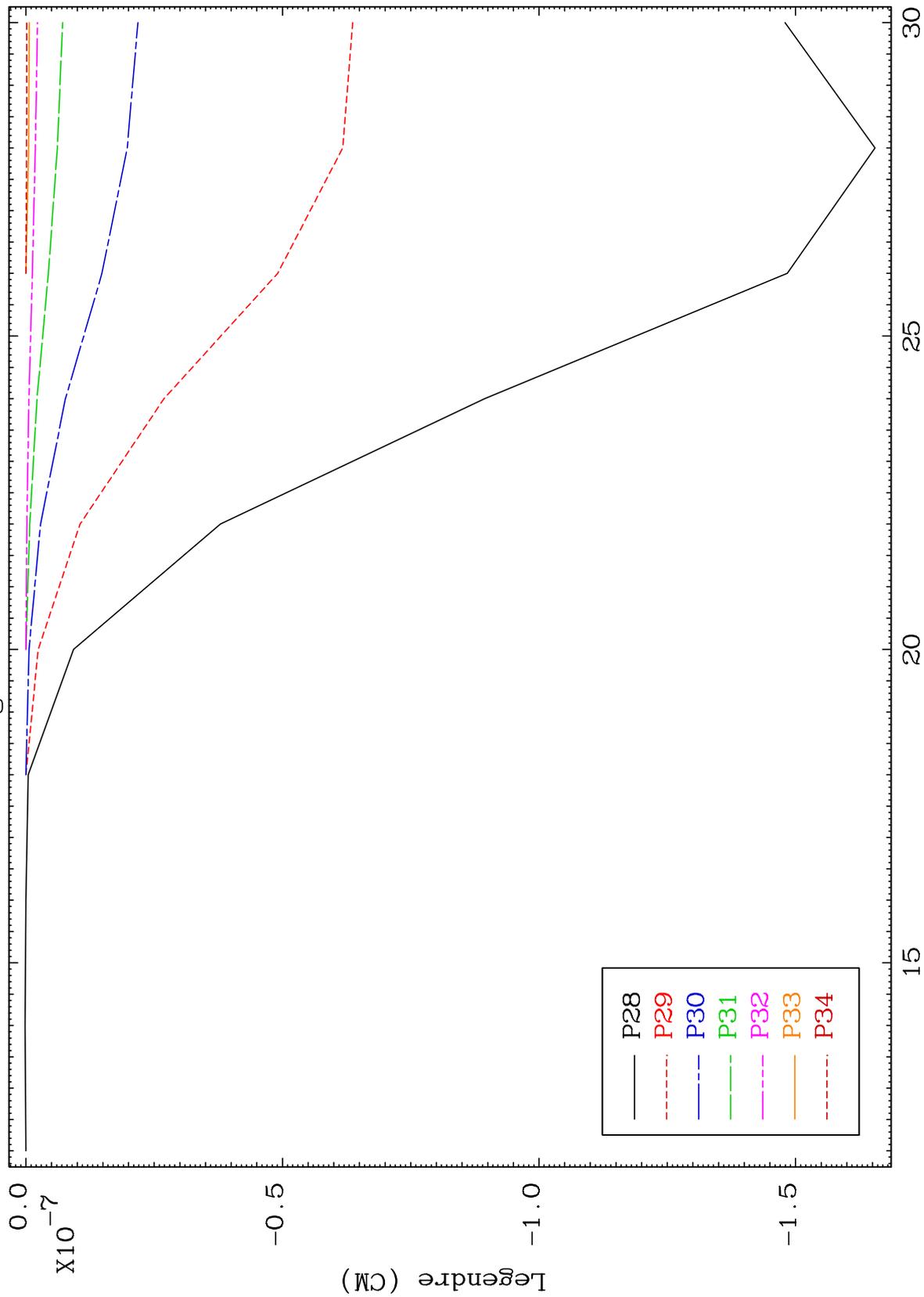
Incident Energy (MeV)

37-Rb-75

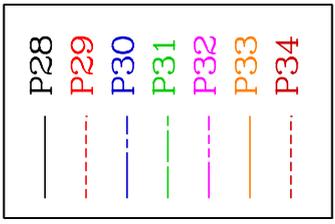
MAT 3695

37-Rb-75

Elastic Legendre Coefficients



Legendre (CM)
X10⁻⁷



16

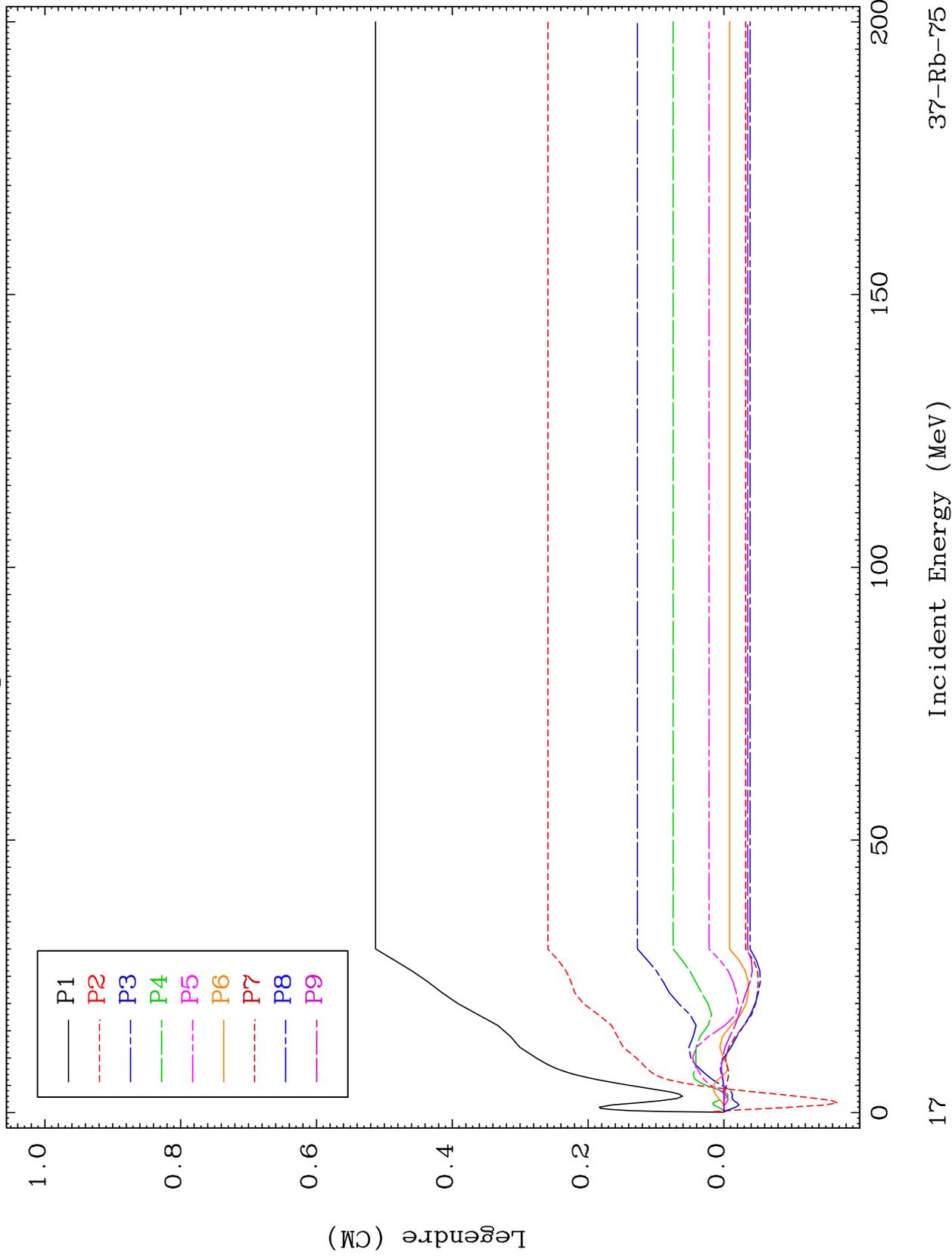
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

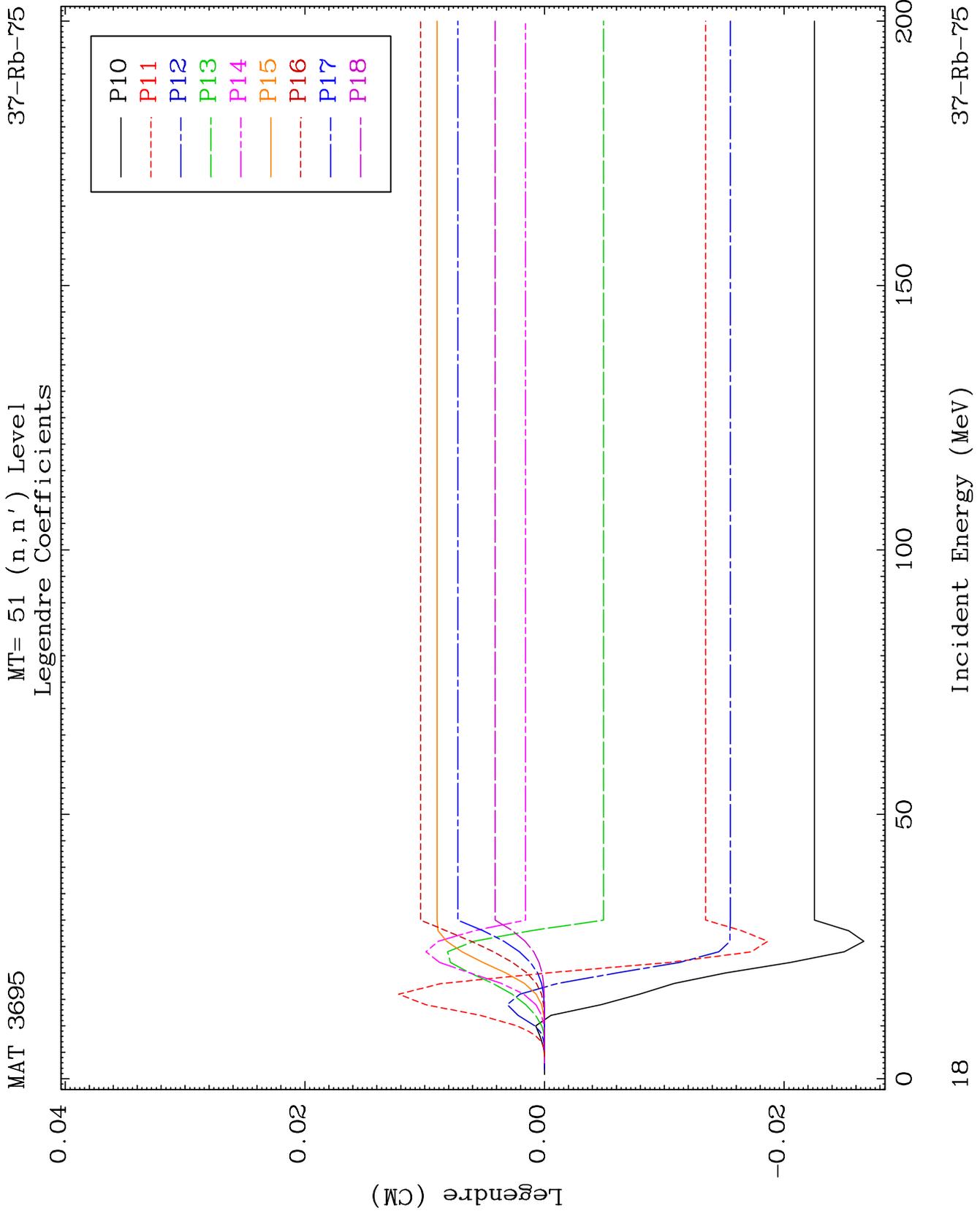
37-Rb-75



17

Incident Energy (MeV)

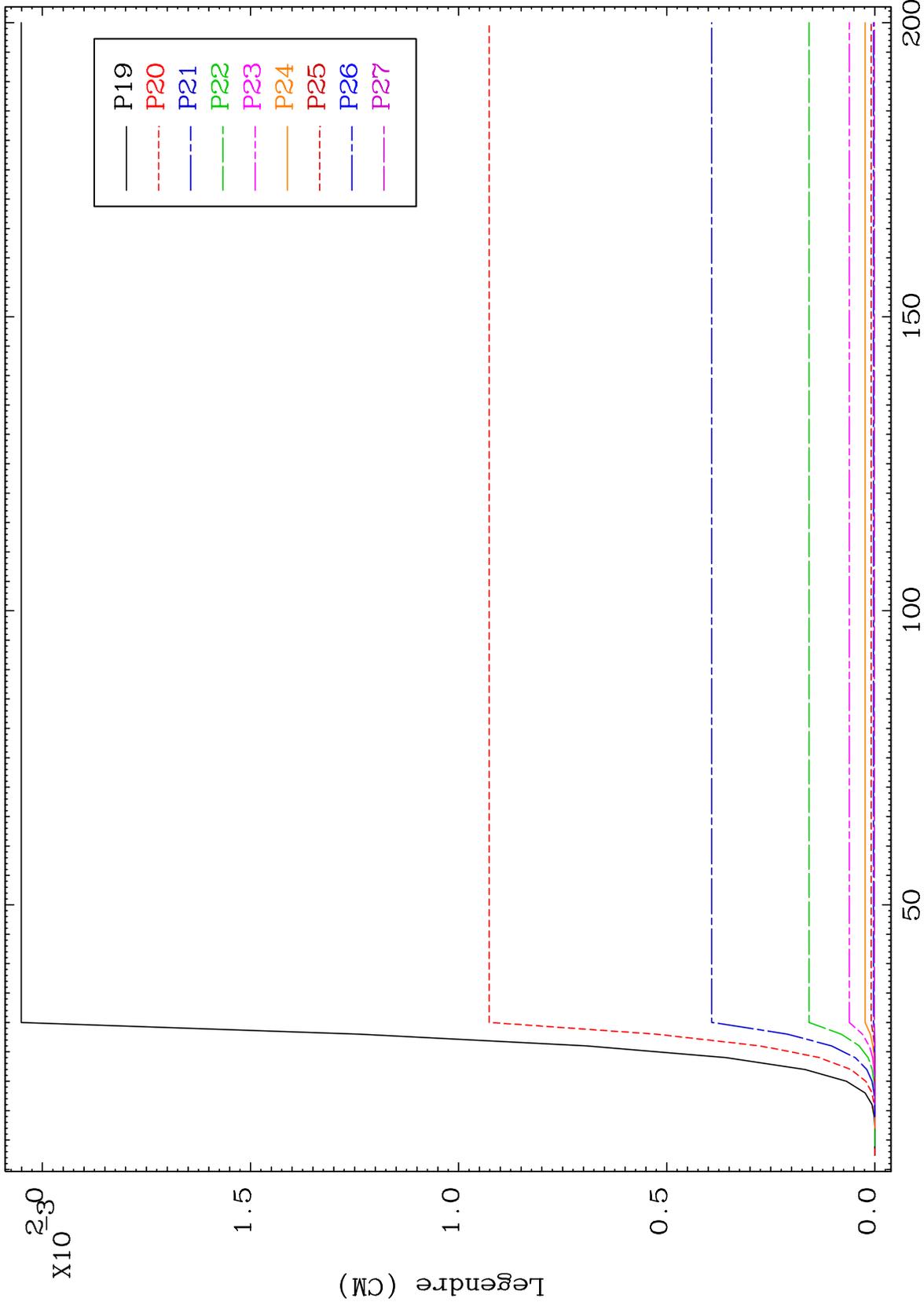
37-Rb-75



MAT 3695

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

37-Rb-75



19

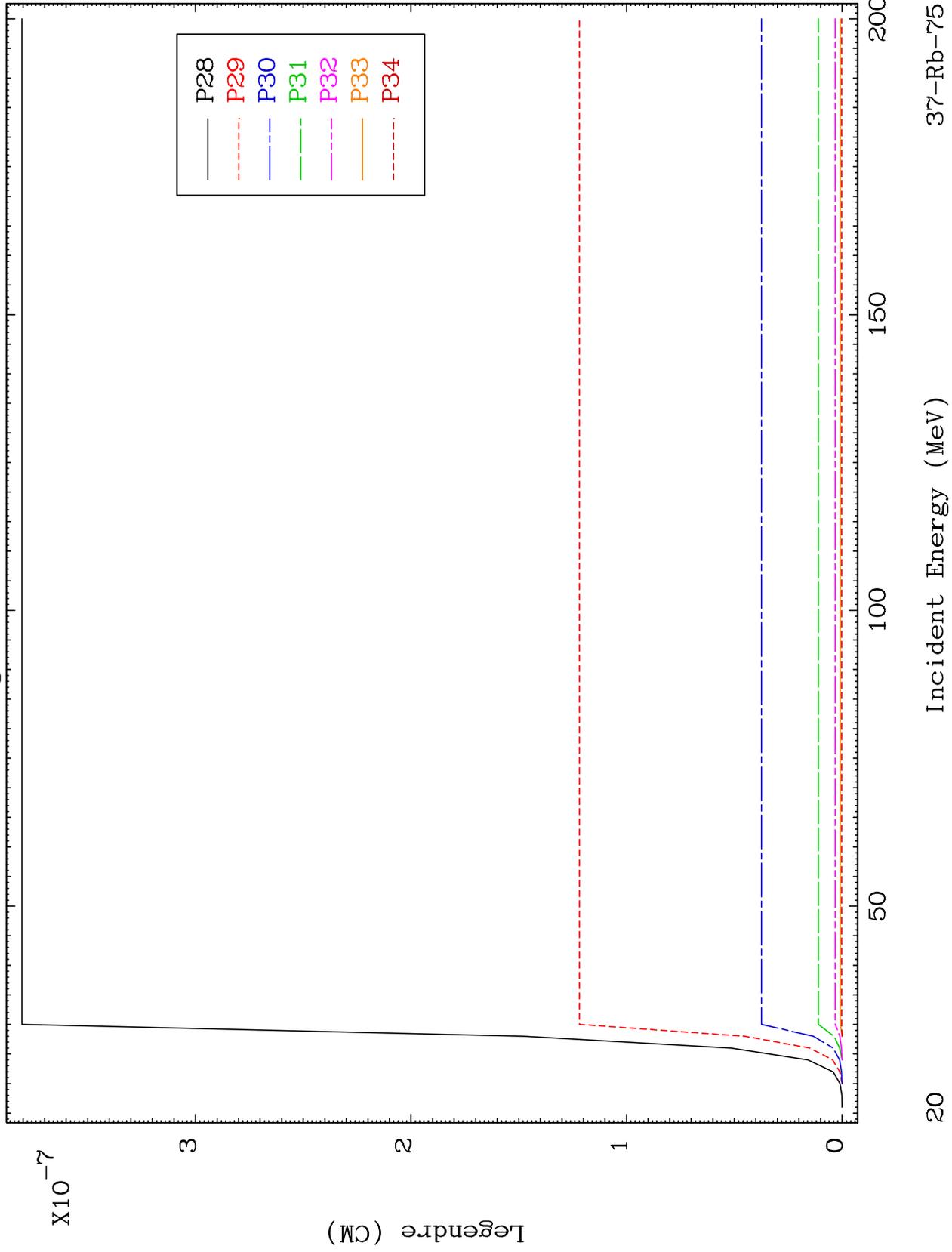
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

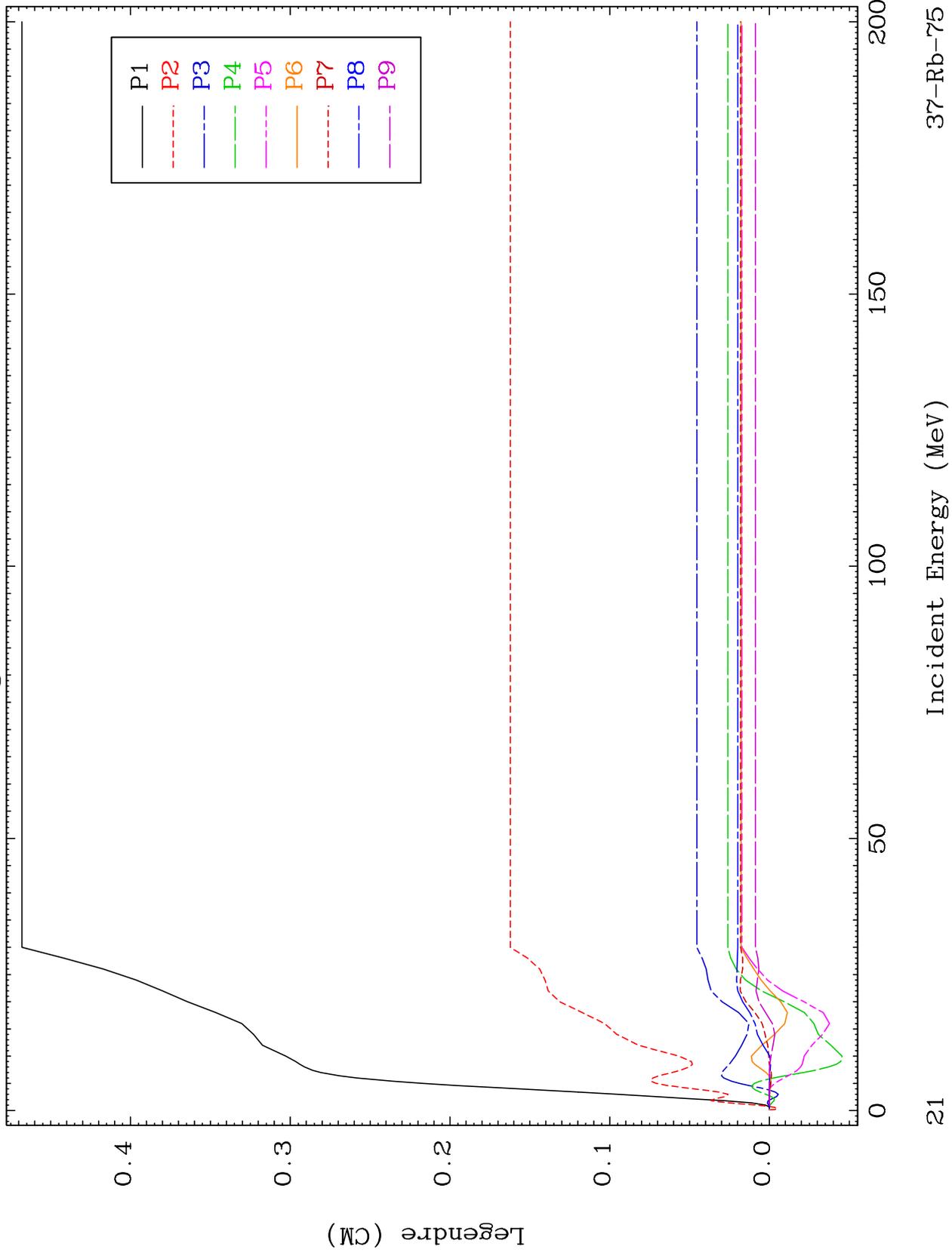
37-Rb-75



MAT 3695

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

37-Rb-75



21

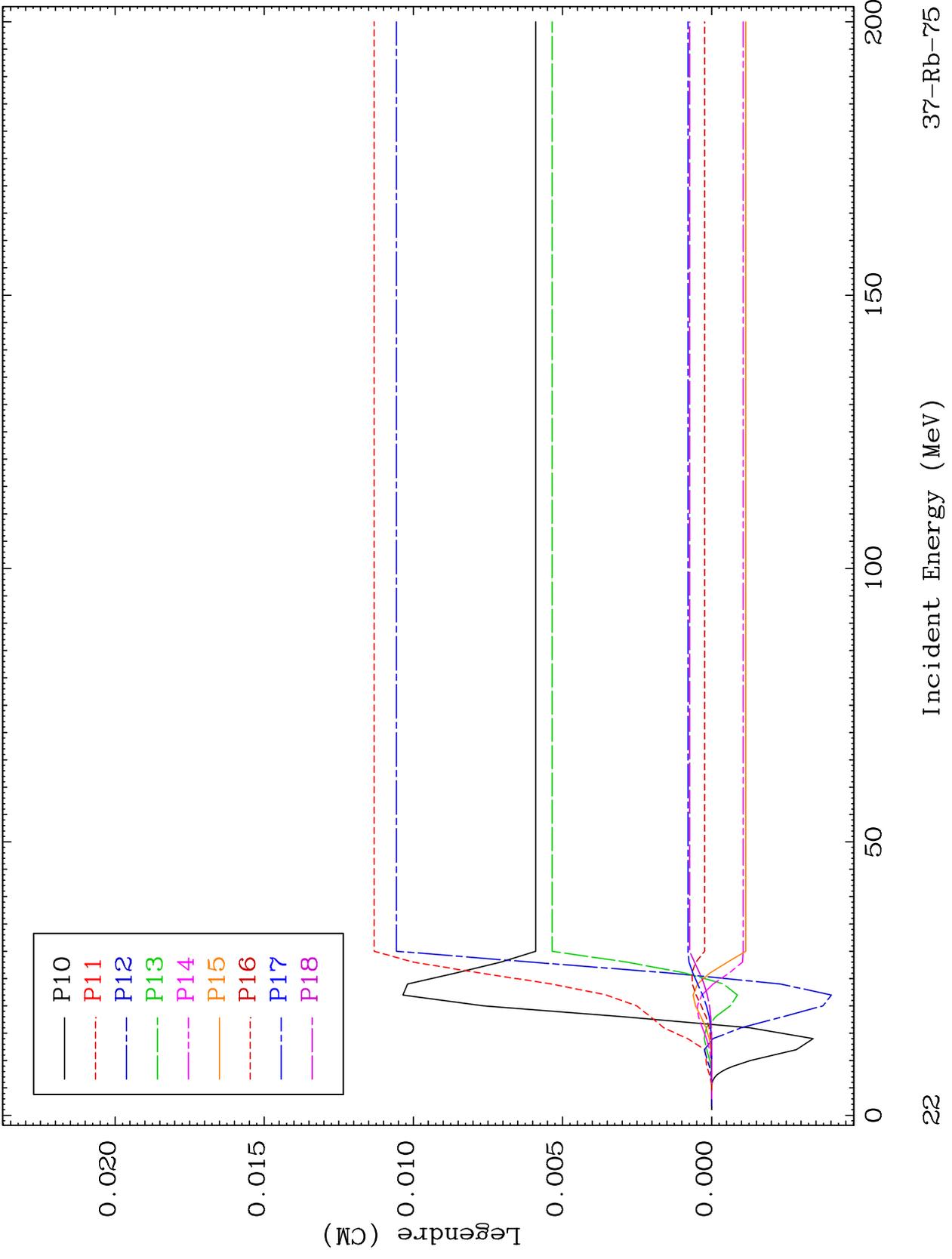
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

37-Rb-75



22

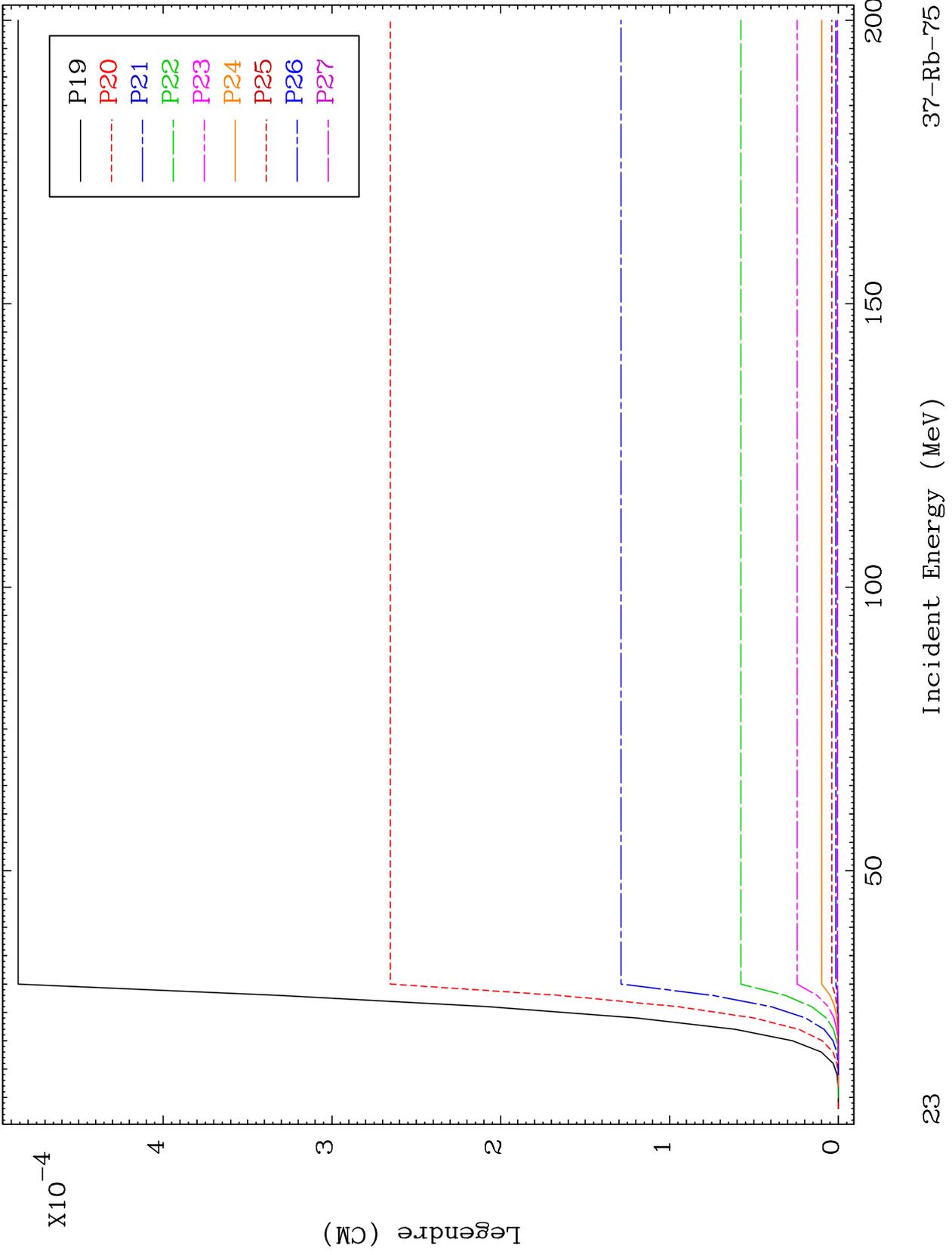
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

37-Rb-75



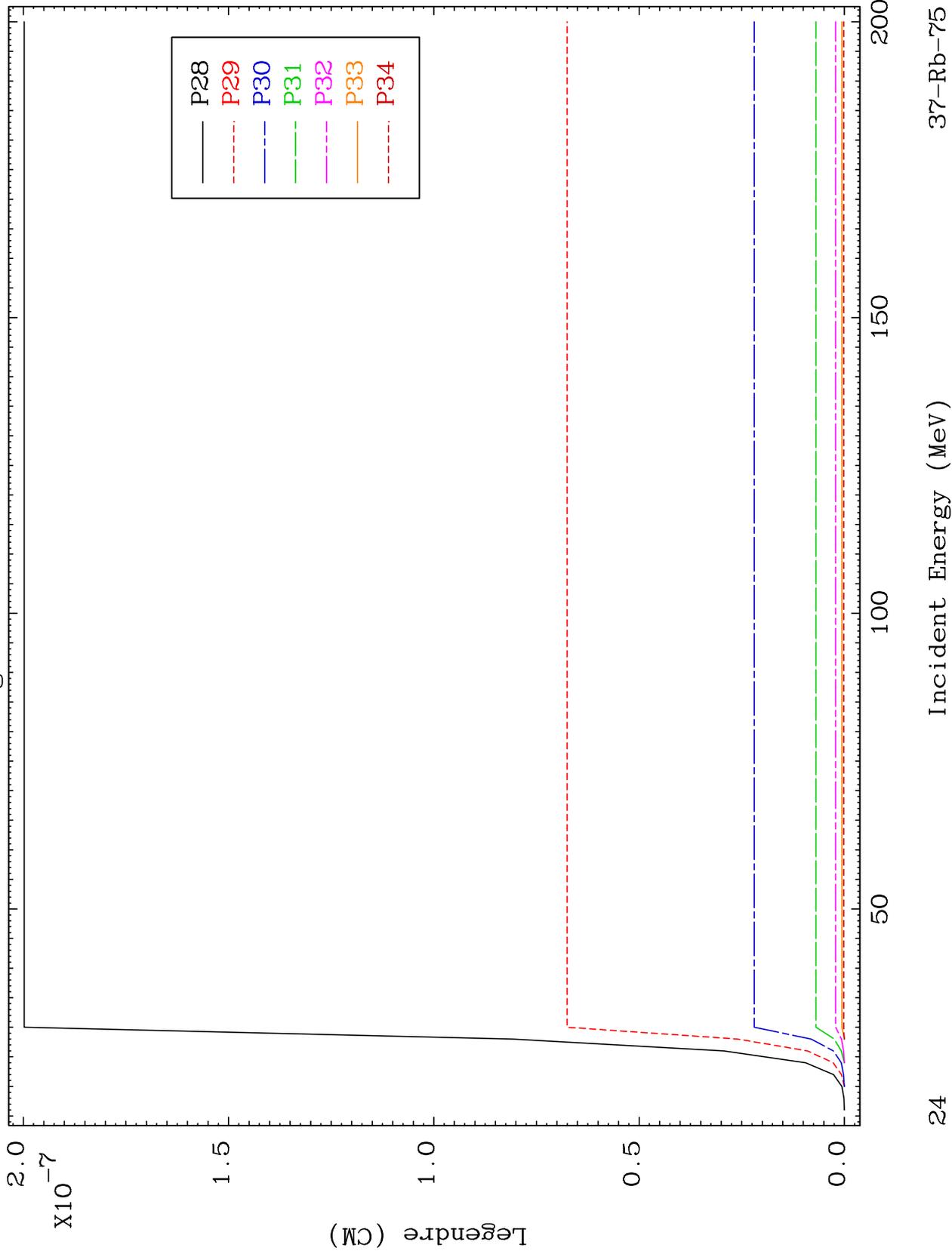
23

37-Rb-75

MAT 3695

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

37-Rb-75



24

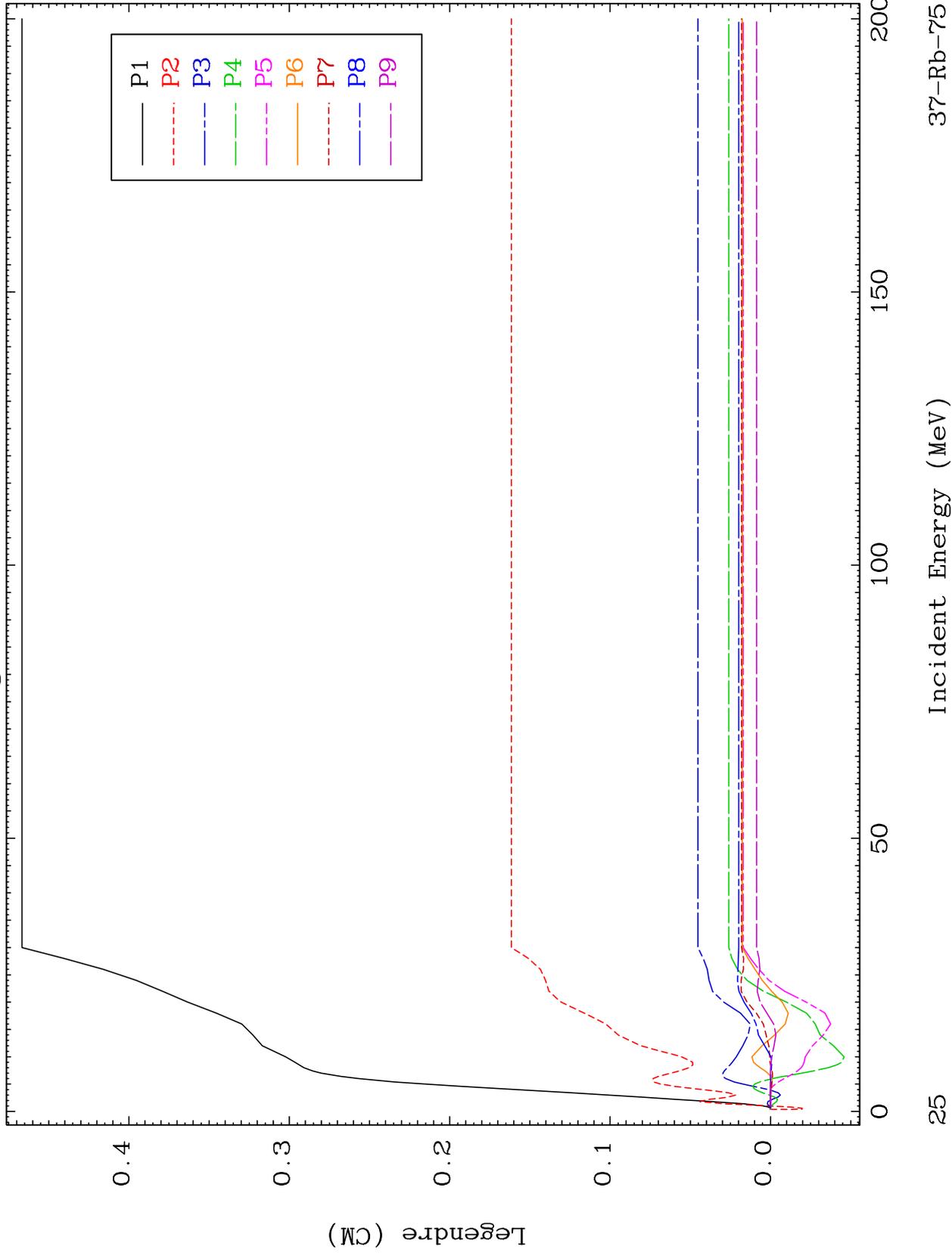
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

37-Rb-75



37-Rb-75

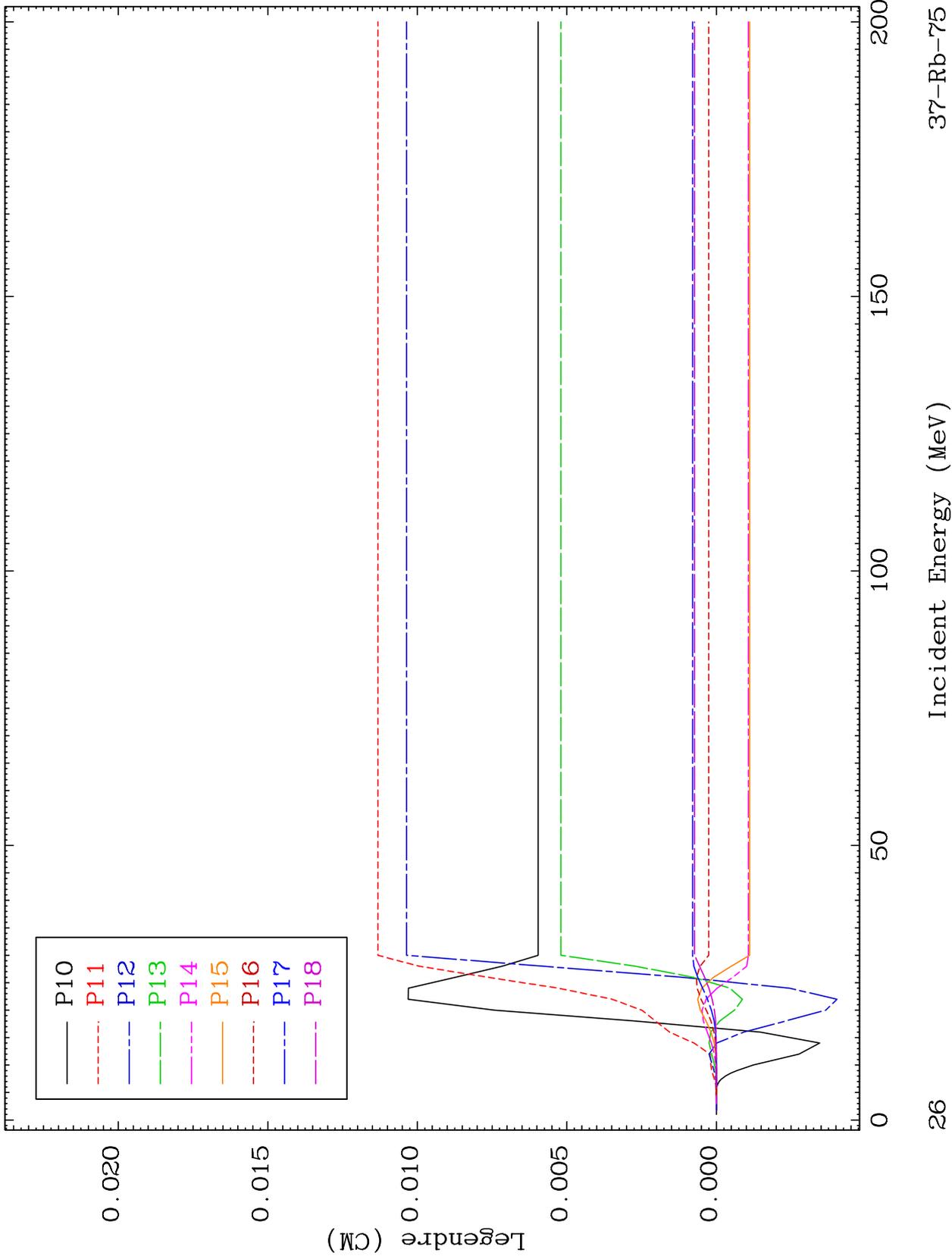
Incident Energy (MeV)

25

MAT 3695

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

37-Rb-75



26

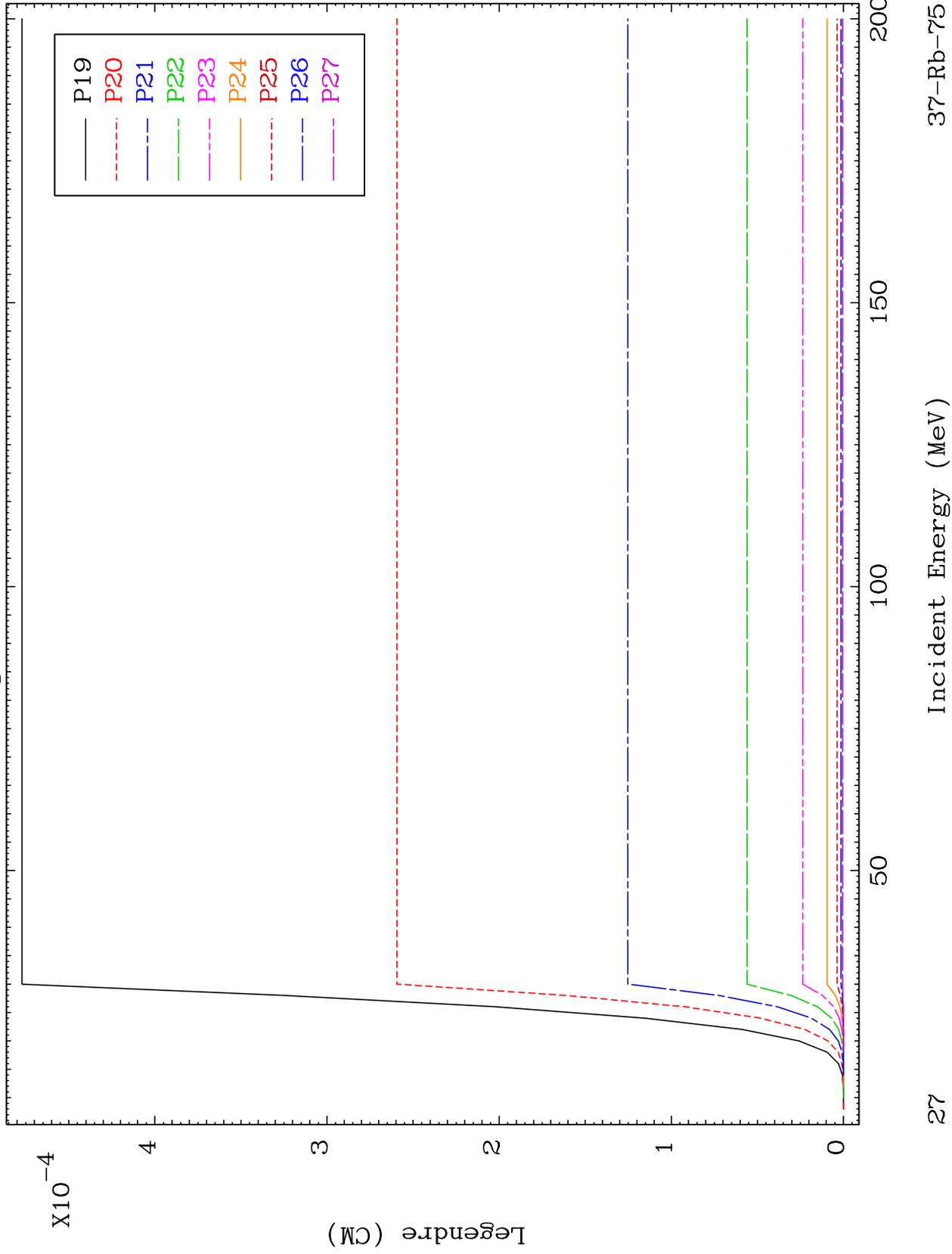
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

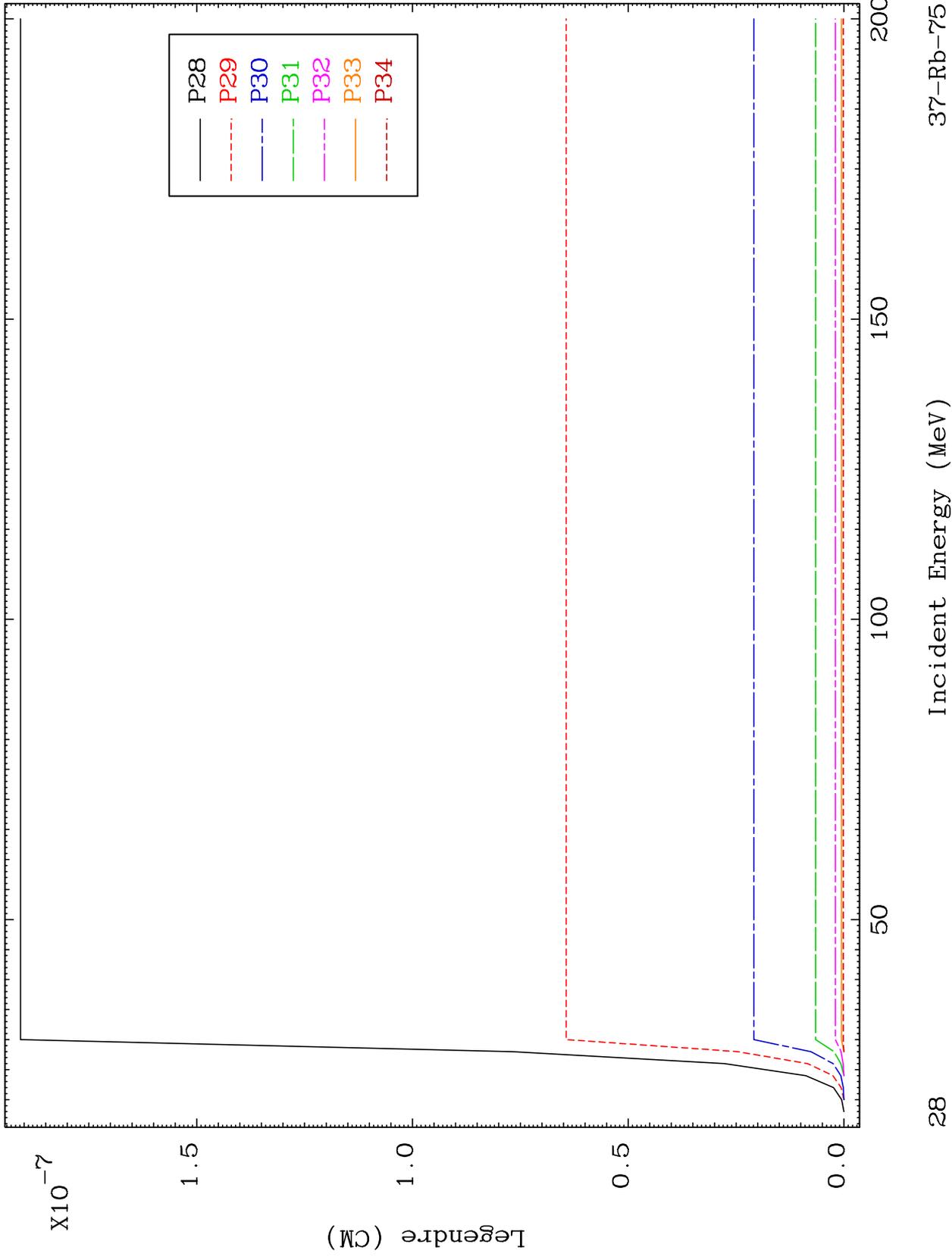
37-Rb-75



MAT 3695

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

37-Rb-75



28

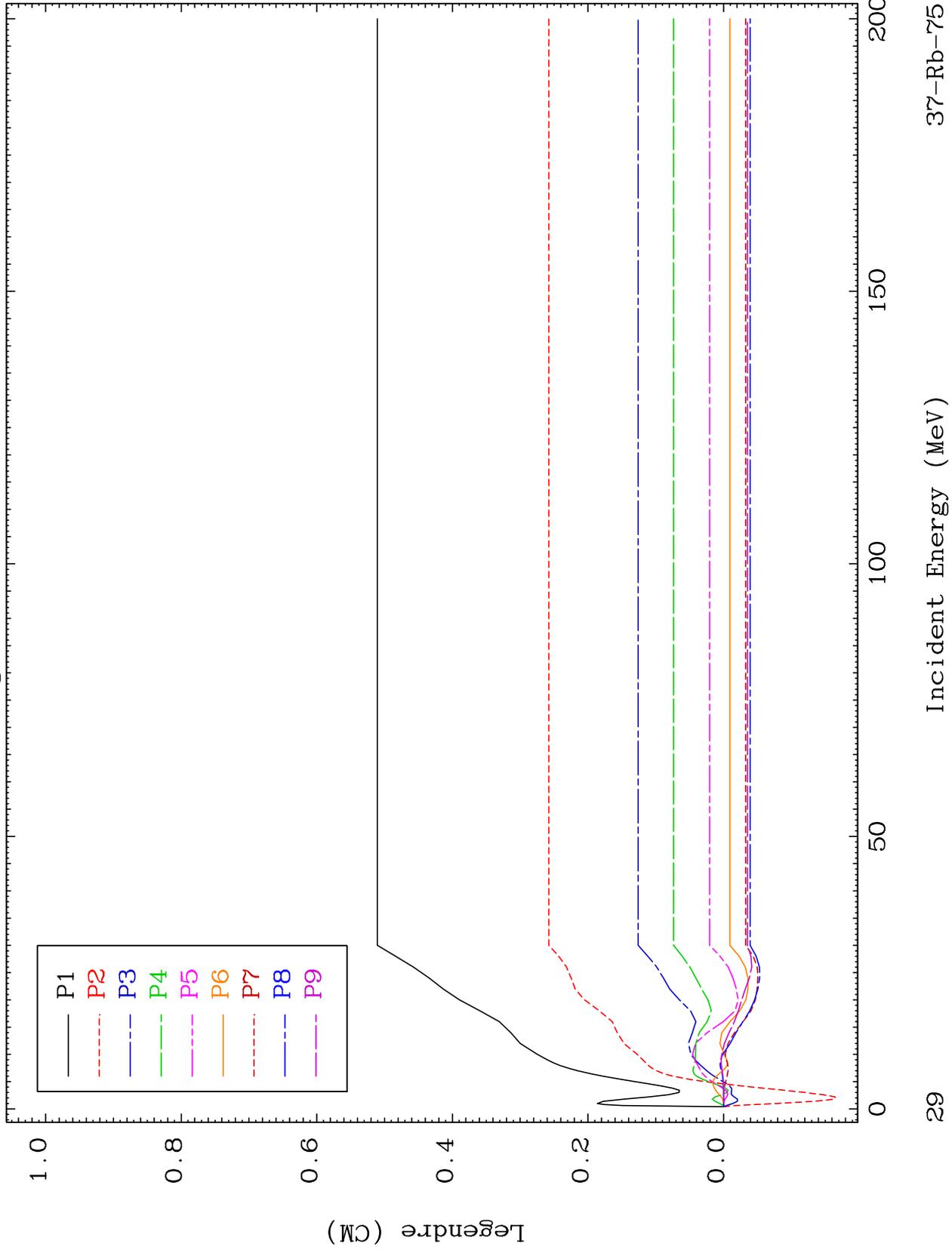
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

37-Rb-75



29

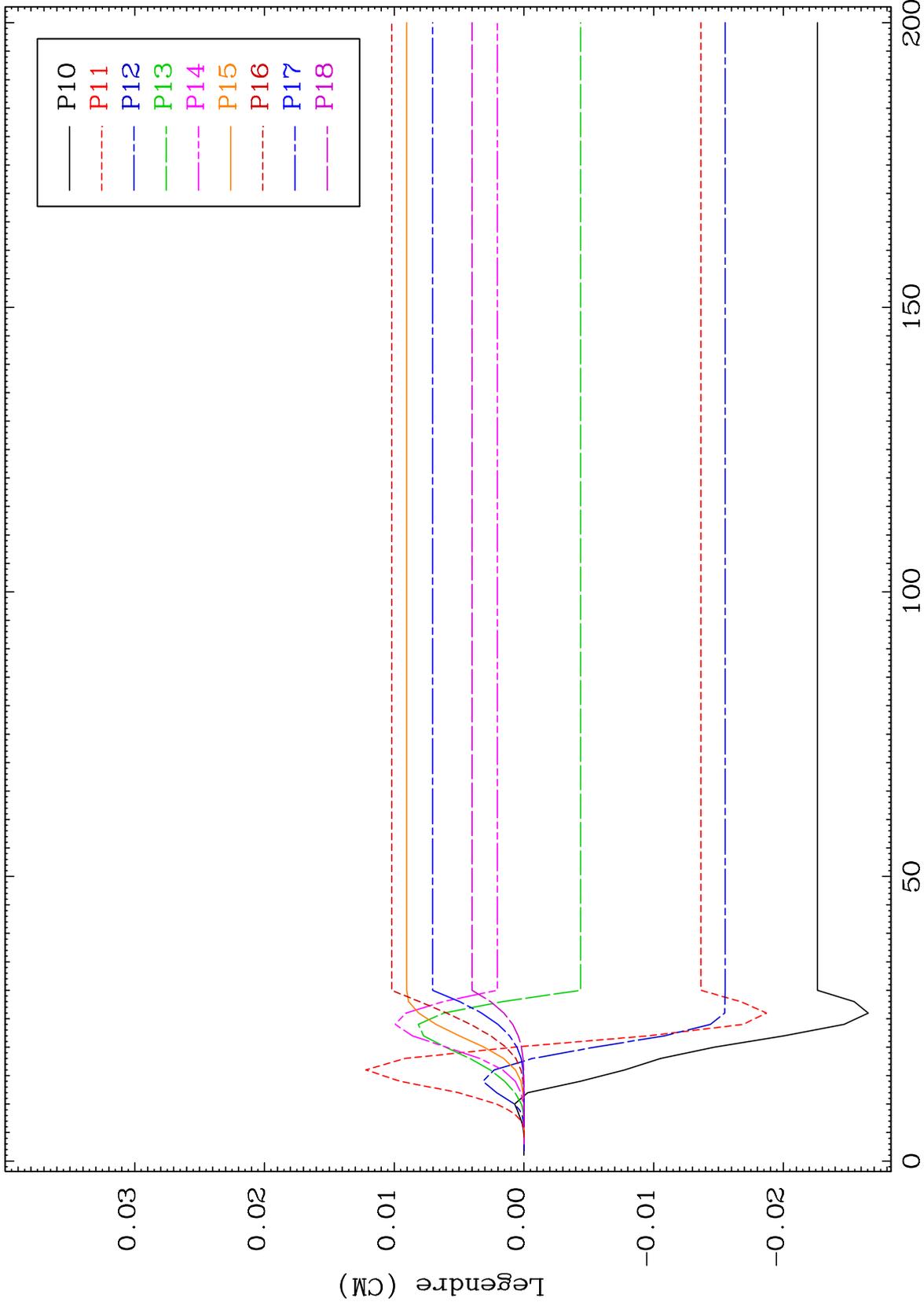
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

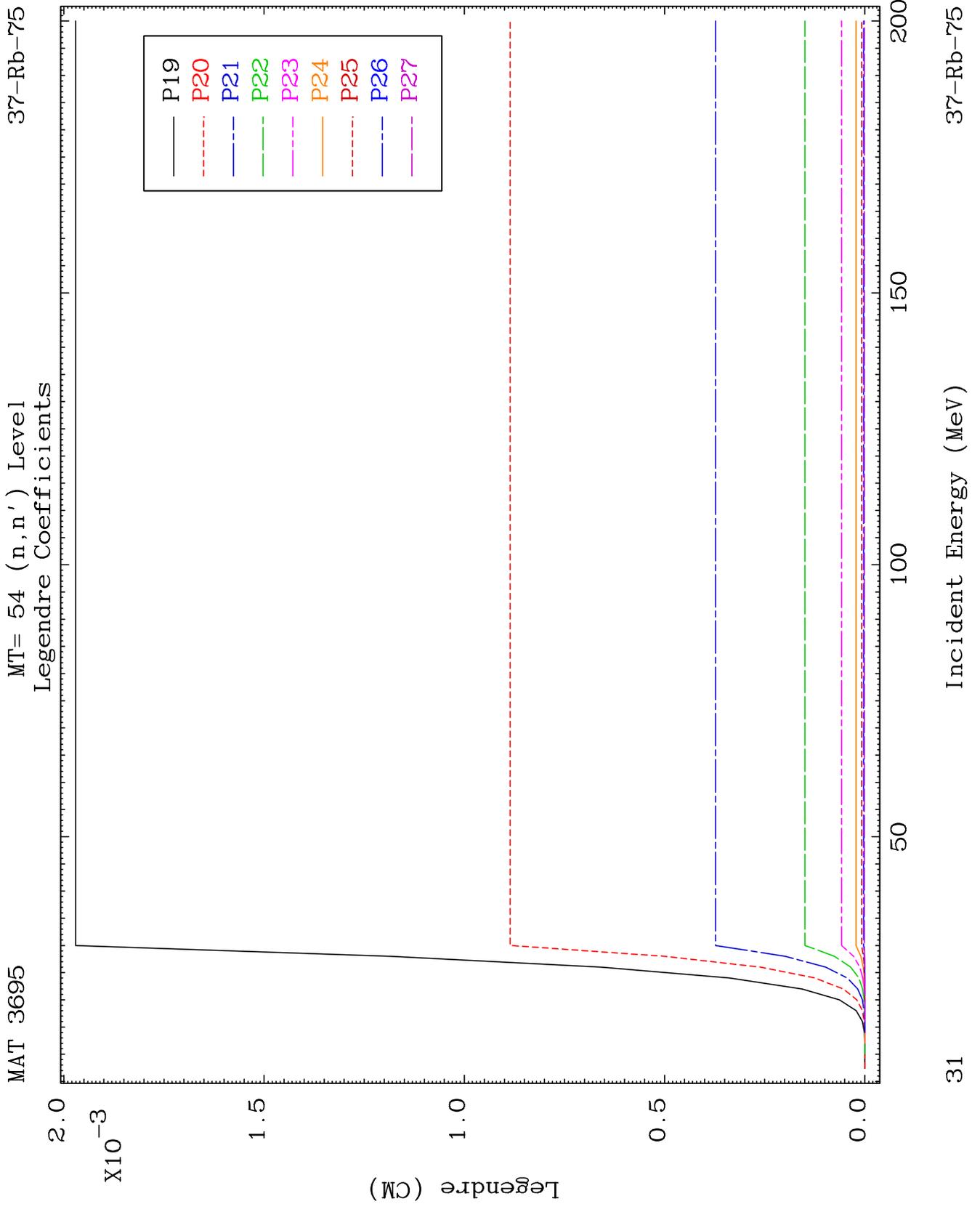
37-Rb-75



30

Incident Energy (MeV)

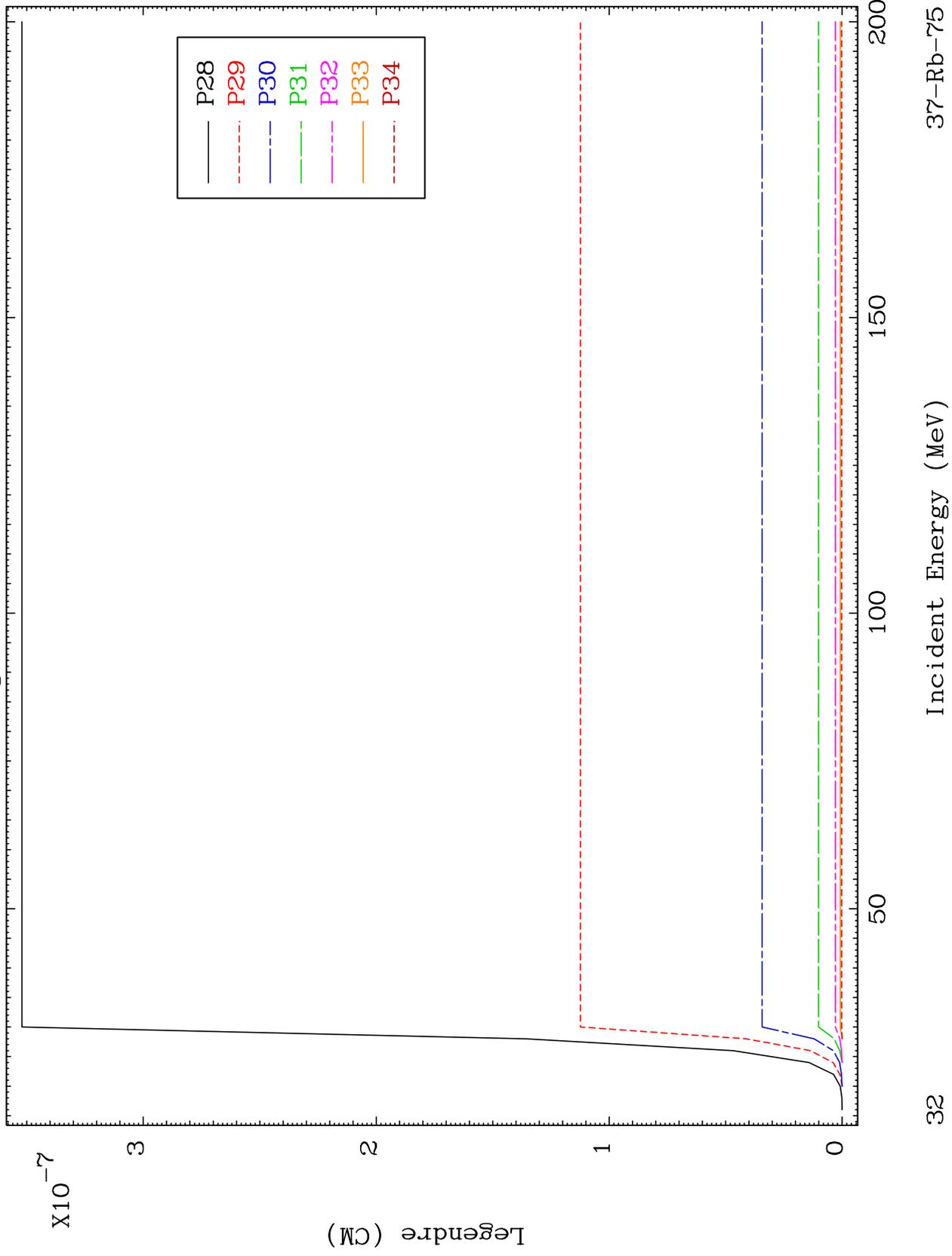
37-Rb-75



MAT 3695

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

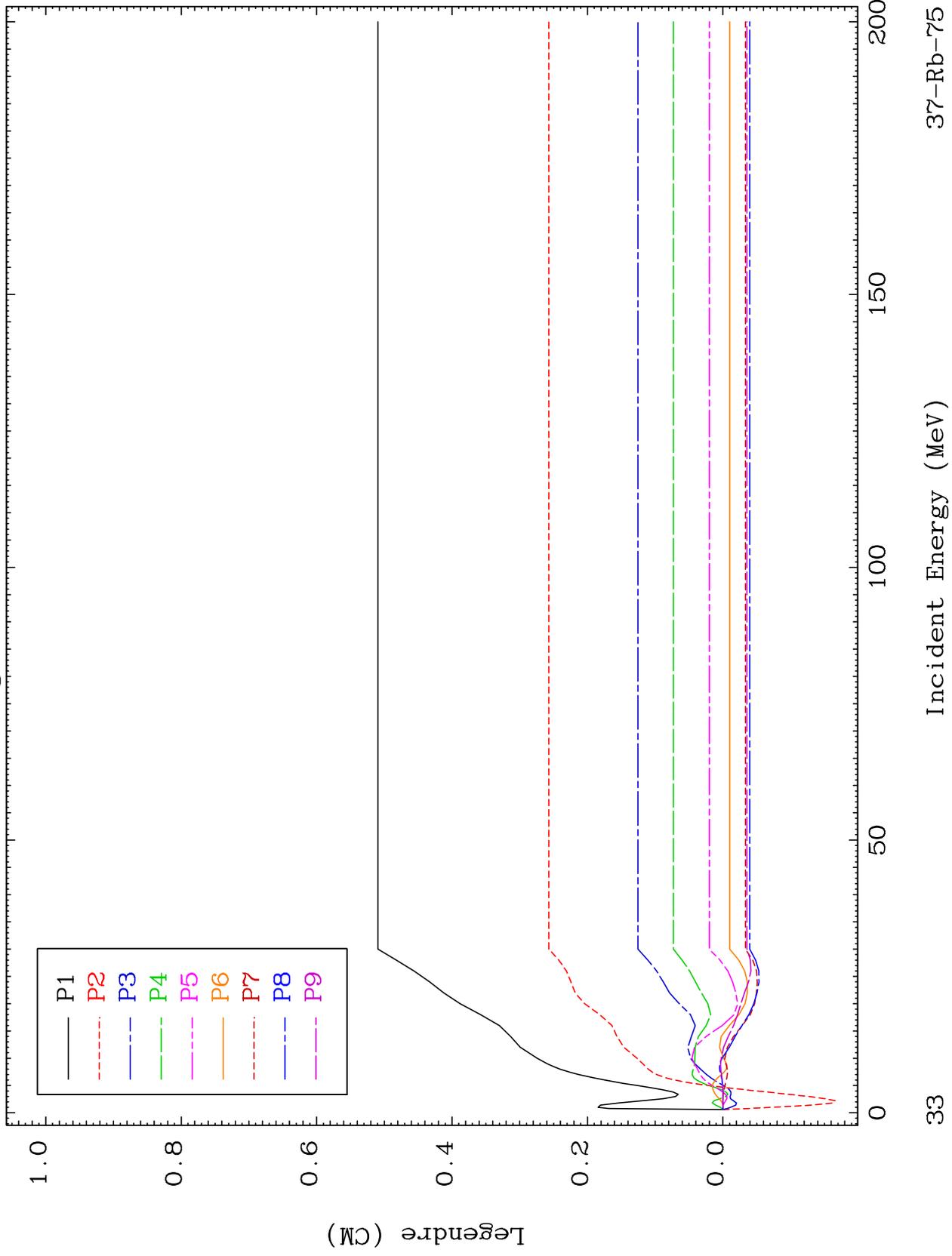
37-Rb-75



MAT 3695

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

37-Rb-75



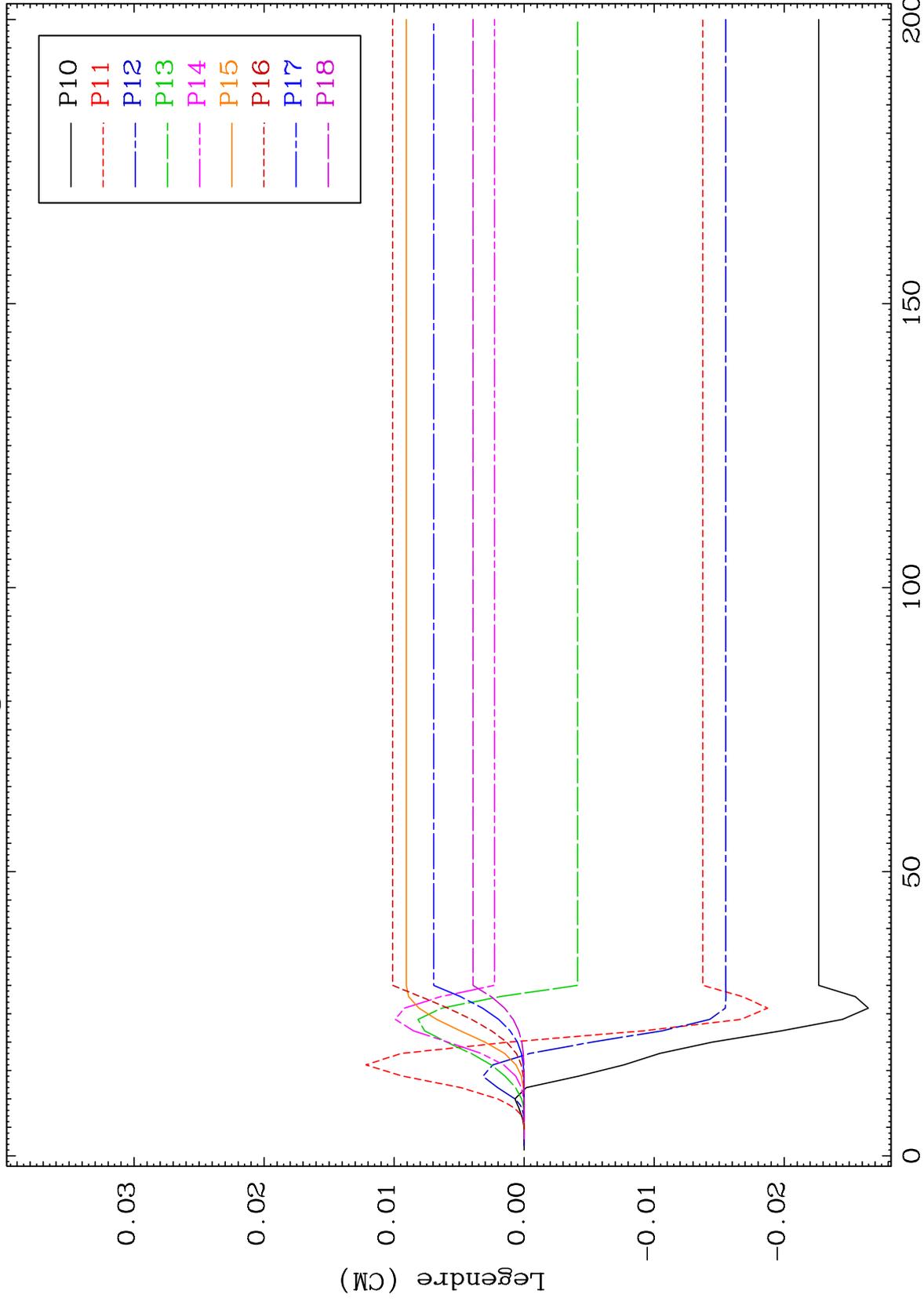
33

37-Rb-75

MAT 3695

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

37-Rb-75



34

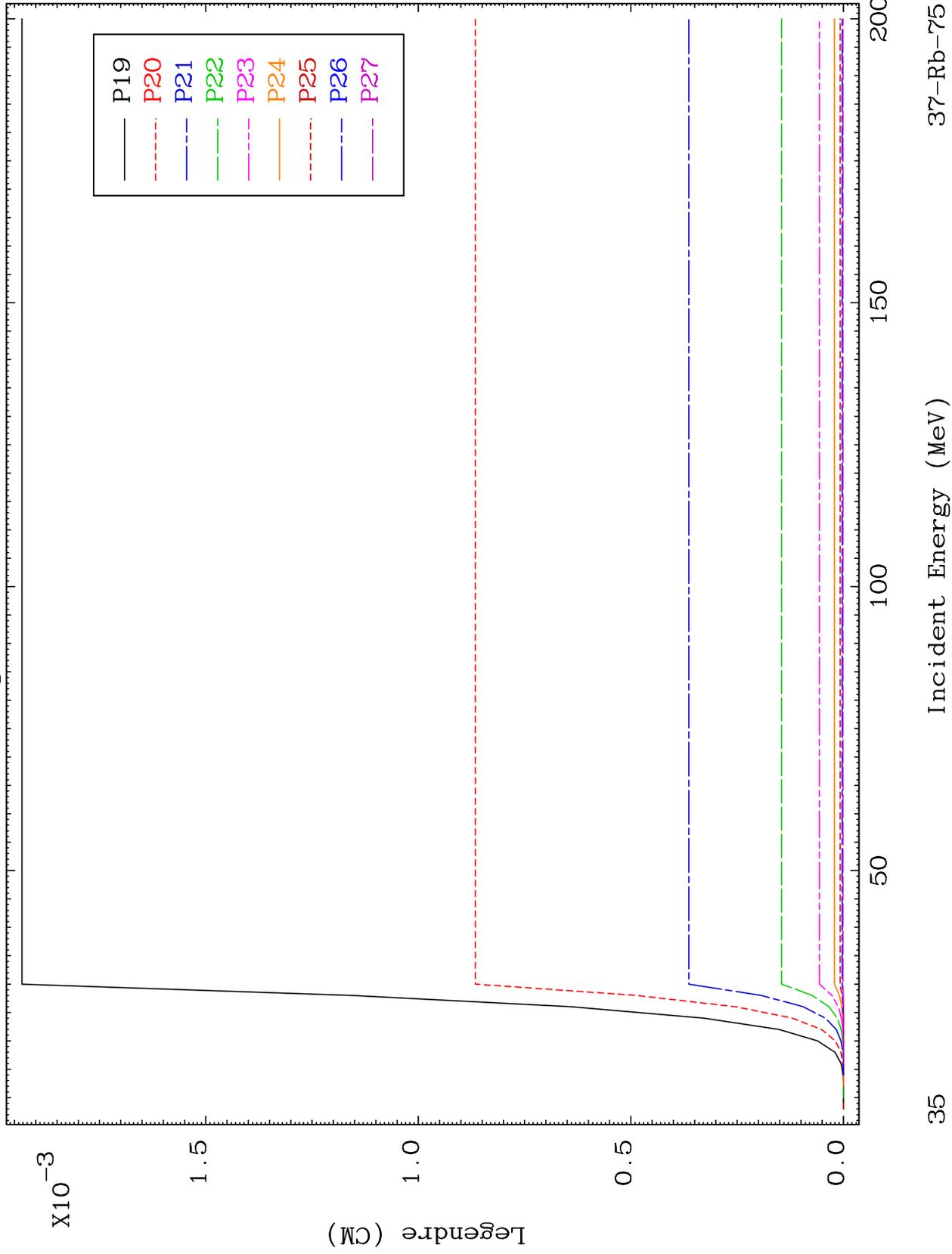
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

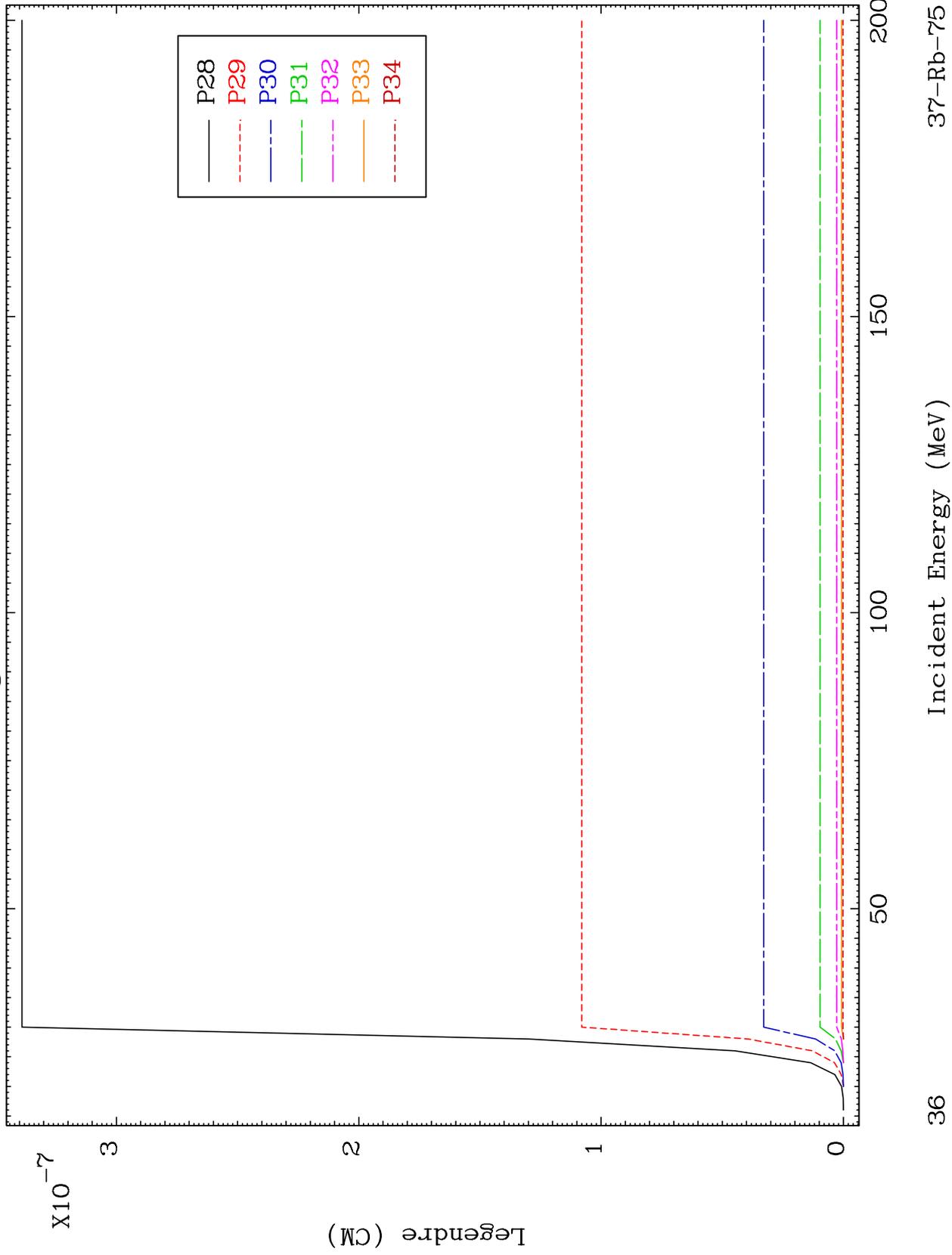
37-Rb-75



MAT 3695

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

37-Rb-75



36

Incident Energy (MeV)

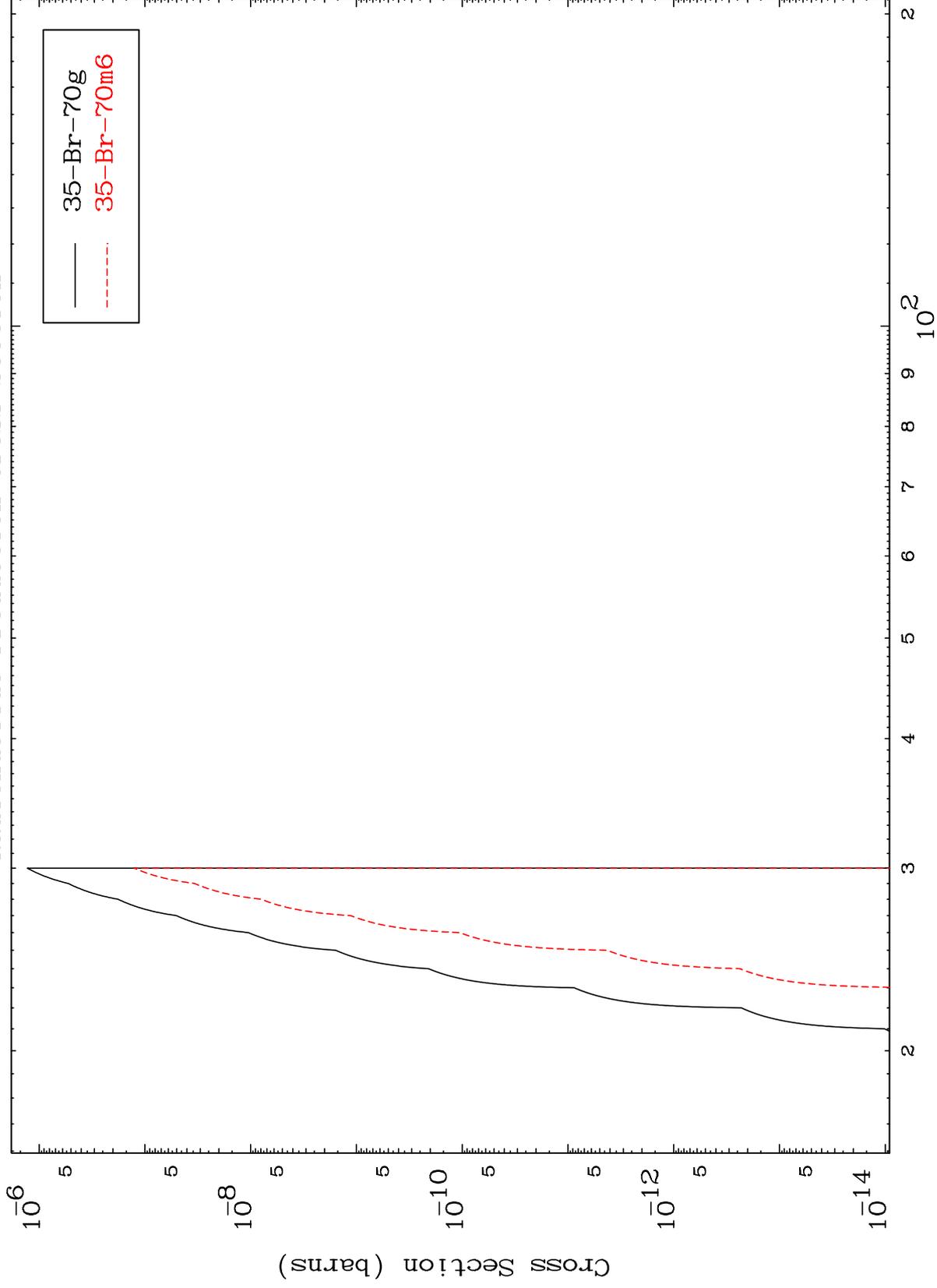
37-Rb-75

MAT 3695

$(n,2n) \alpha$

$^{37}\text{Rb-75}$

Radionuclide Production Cross Section



37

Incident Energy (MeV)

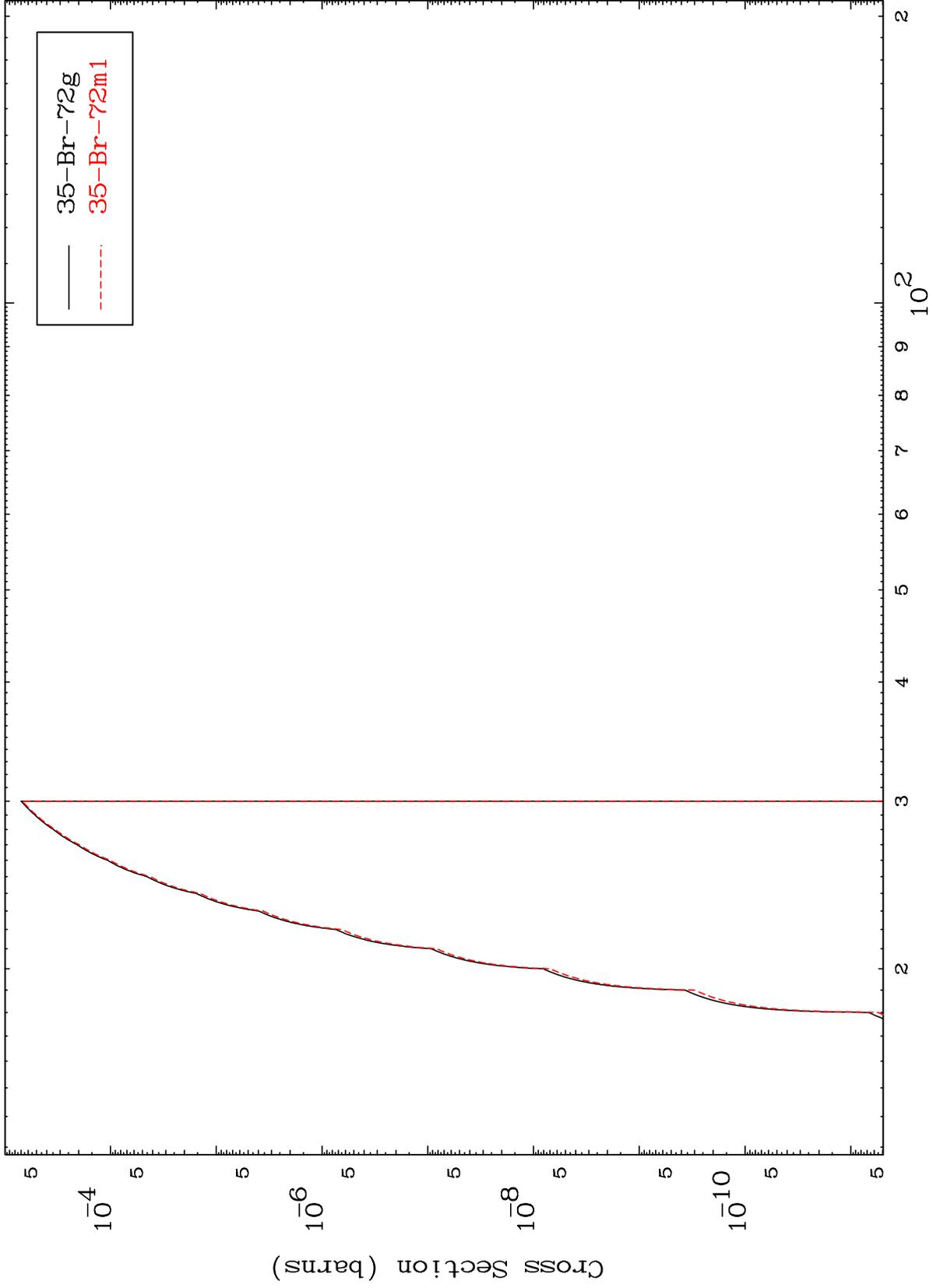
$^{37}\text{Rb-75}$

MAT 3695

(n,n') He-3

37-Rb-75

Radionuclide Production Cross Section



38

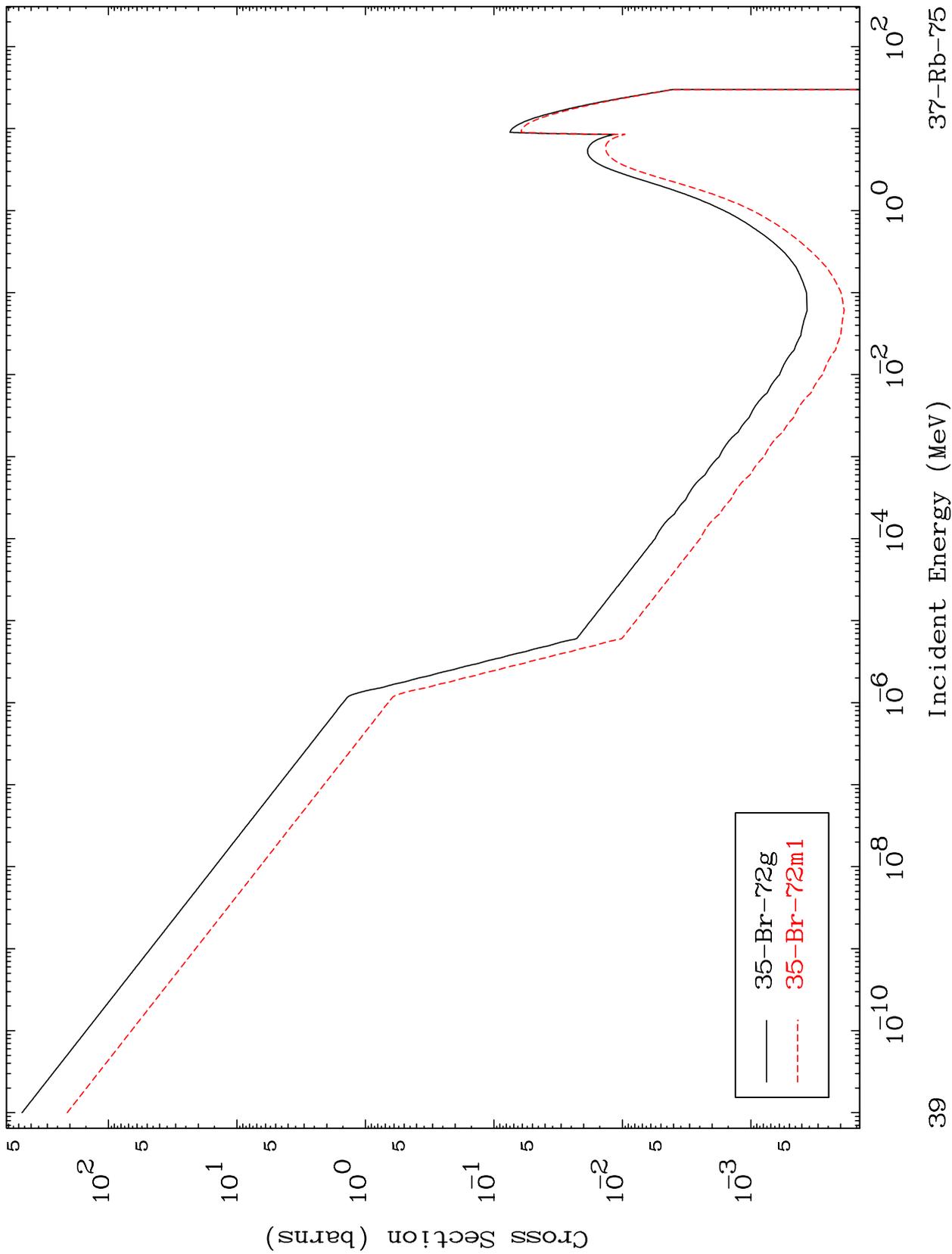
Incident Energy (MeV)

37-Rb-75

MAT 3695

³⁷Rb-75

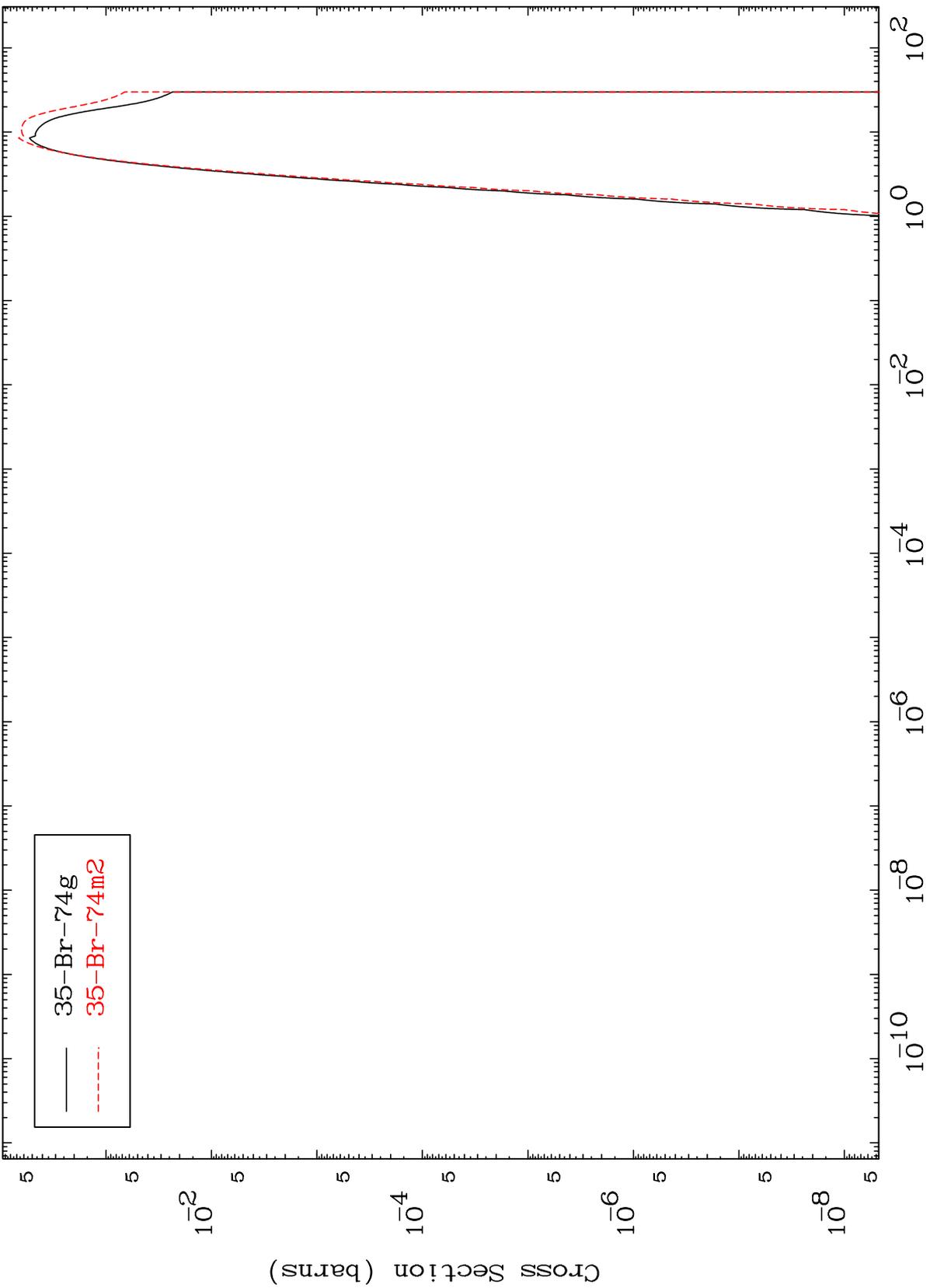
Radionuclide Production Cross Section



MAT 3695

³⁷Rb-75

Radionuclide Production Cross Section
(n,2p)



40

Incident Energy (MeV)

³⁷Rb-75

Radionuclide Production Cross Section

