

Program EVALPLOT
(Version 2015-2)

by

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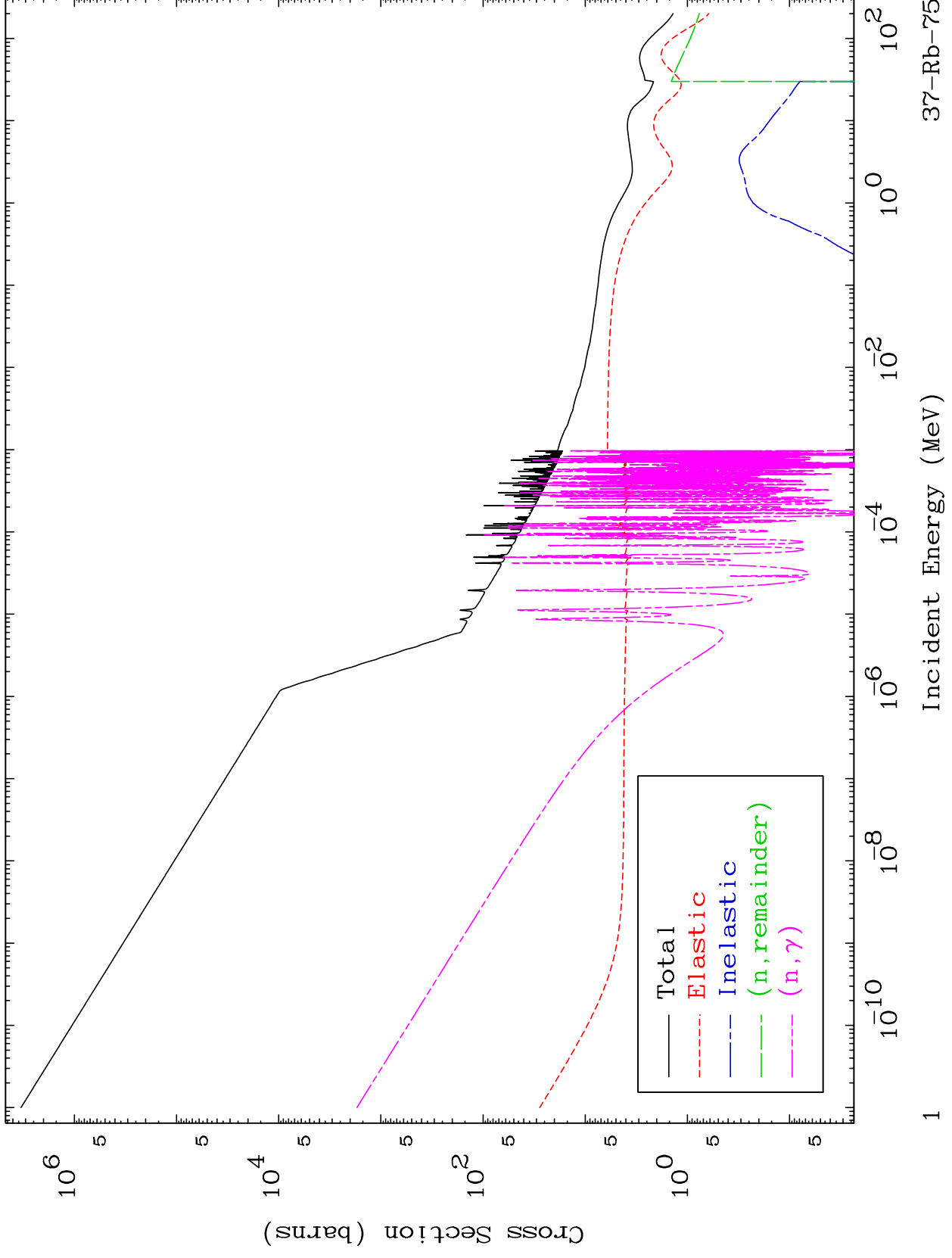
Press Mouse Button to Start

MAT 3695

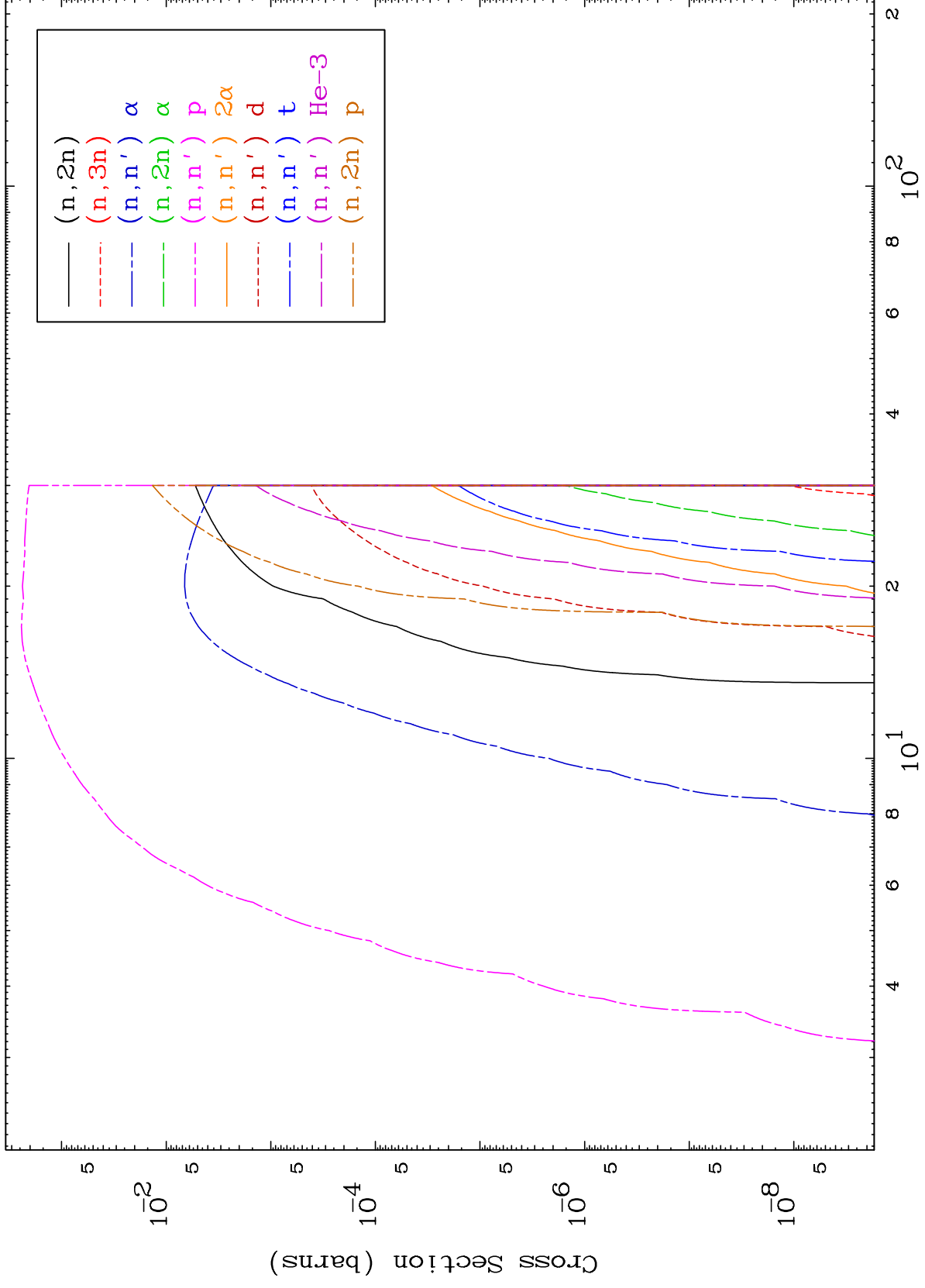
Major

293 Kelvin Cross Sections

37-Rb-75



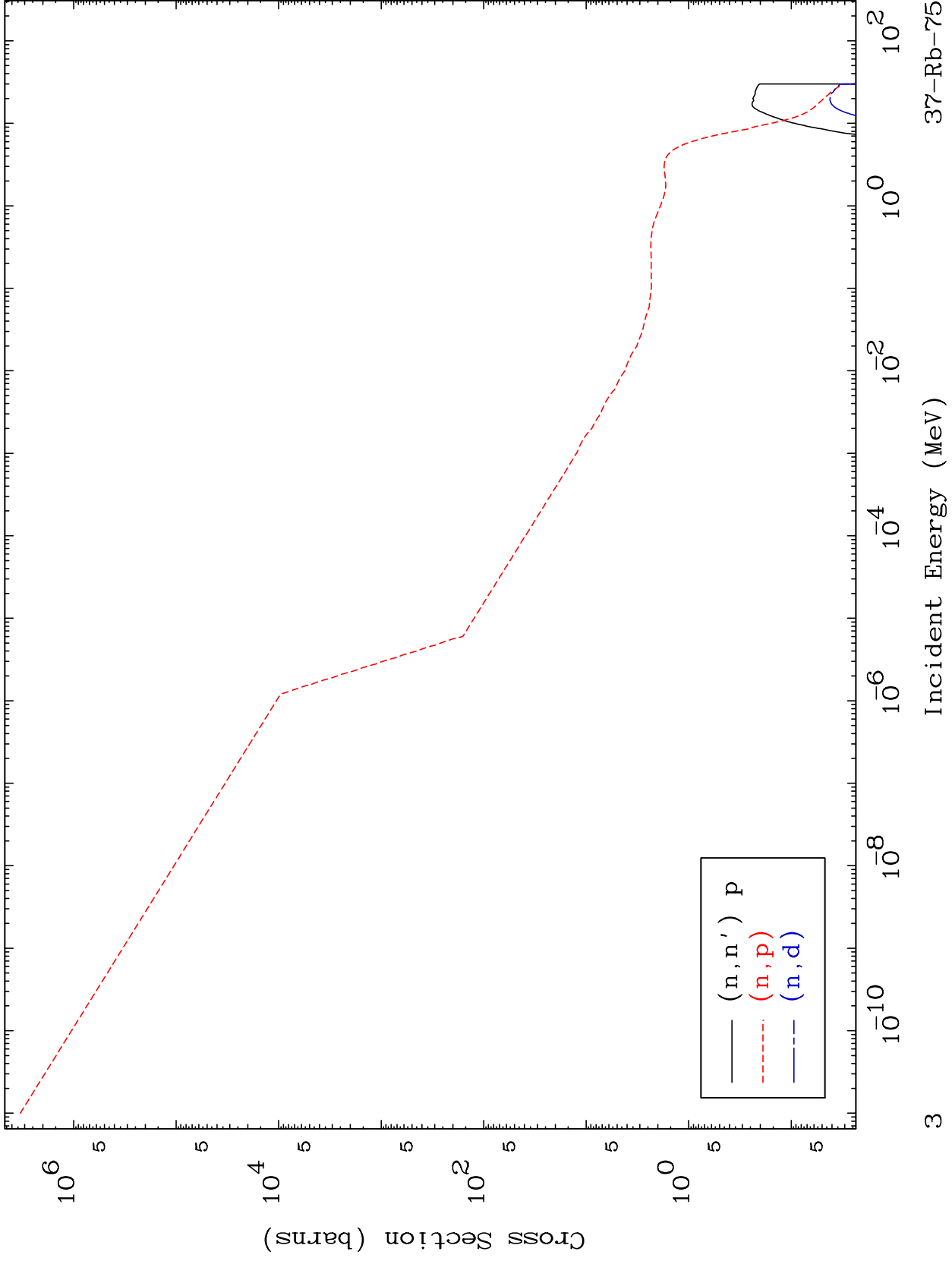
Neutron Production
293 Kelvin Cross Sections



MAT 3695

Charged Particle
293 Kelvin Cross Sections

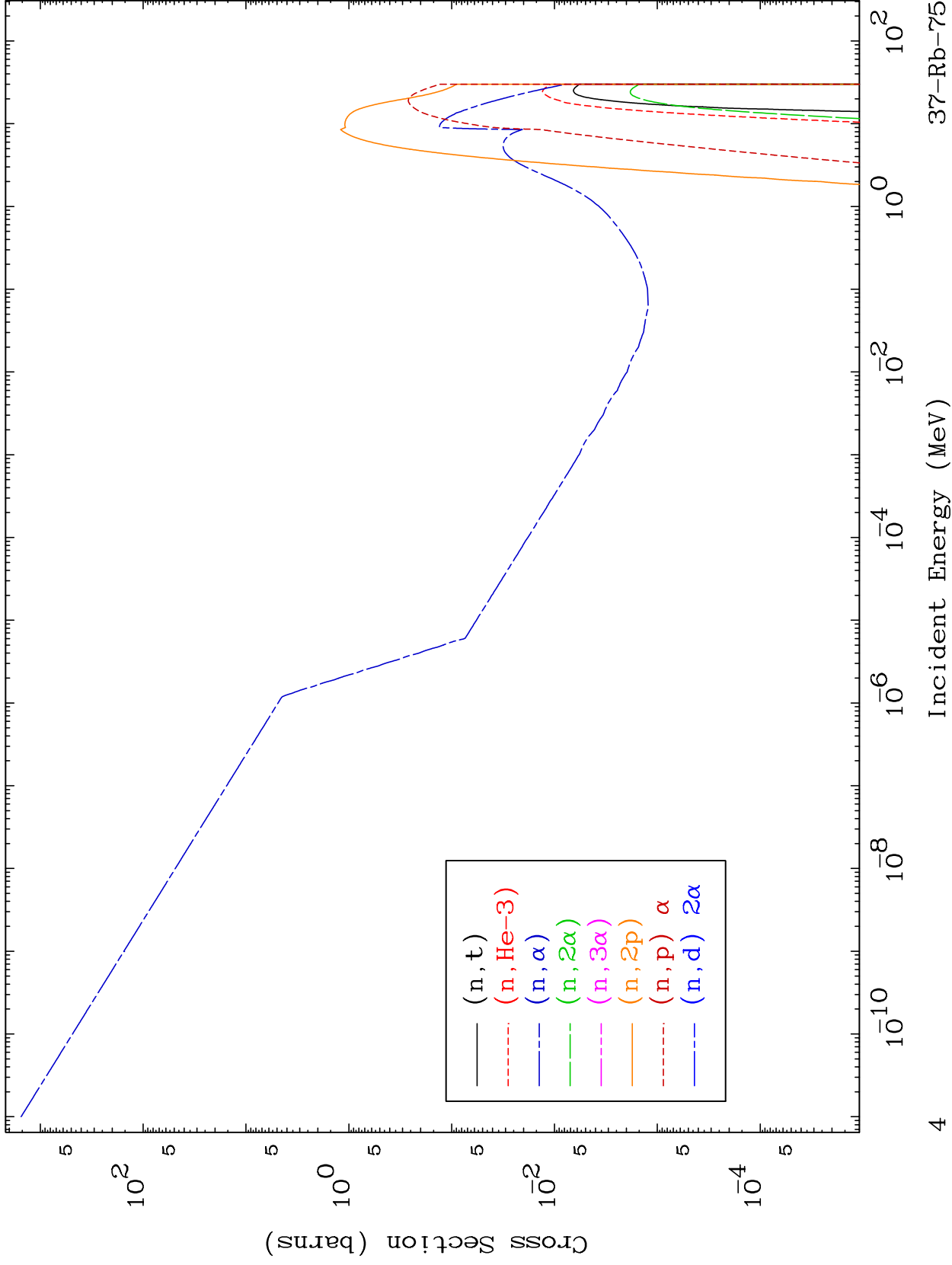
37-Rb-75

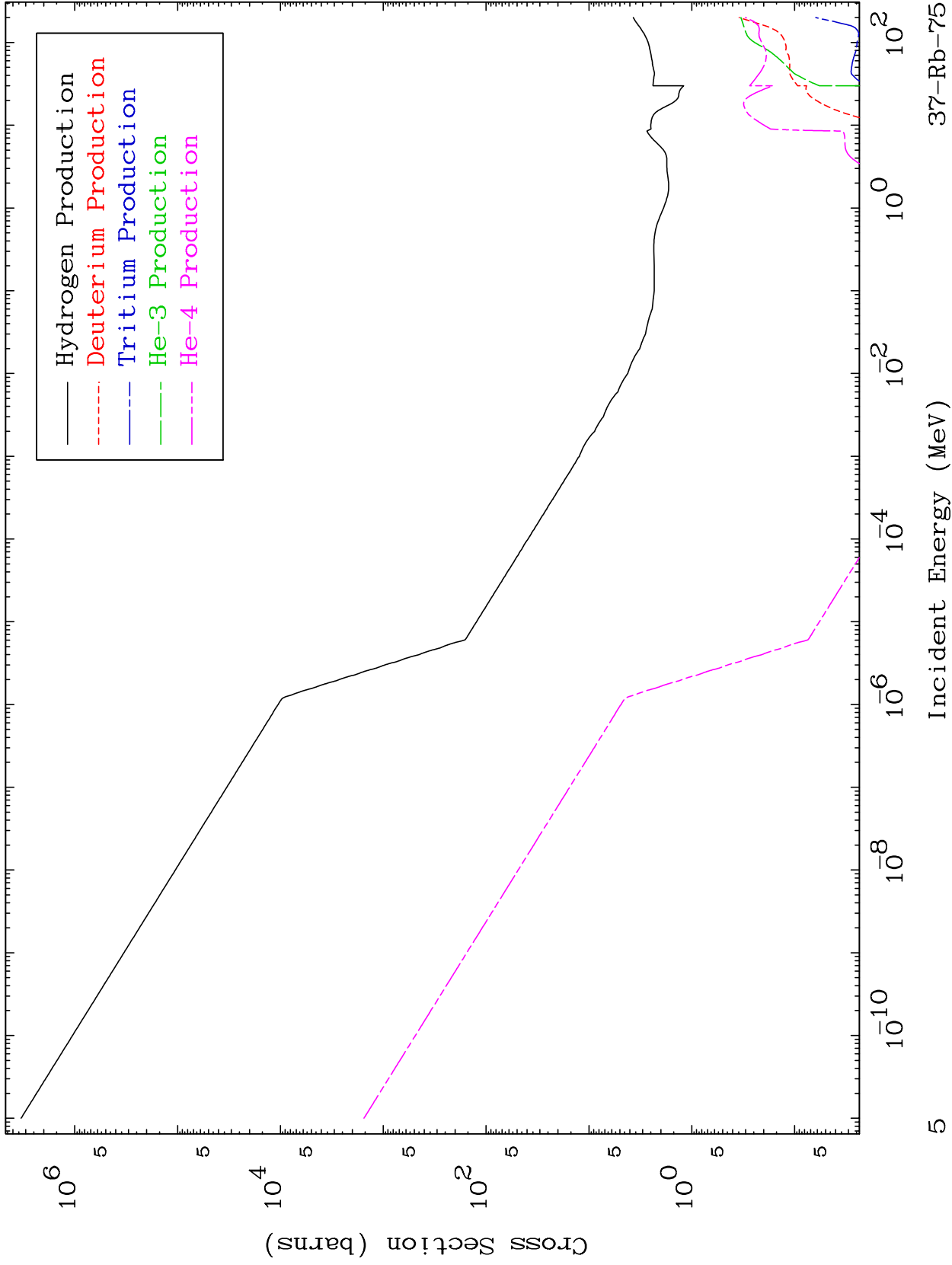


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Charged Particle
293 Kelvin Cross Sections

37-Rb-75

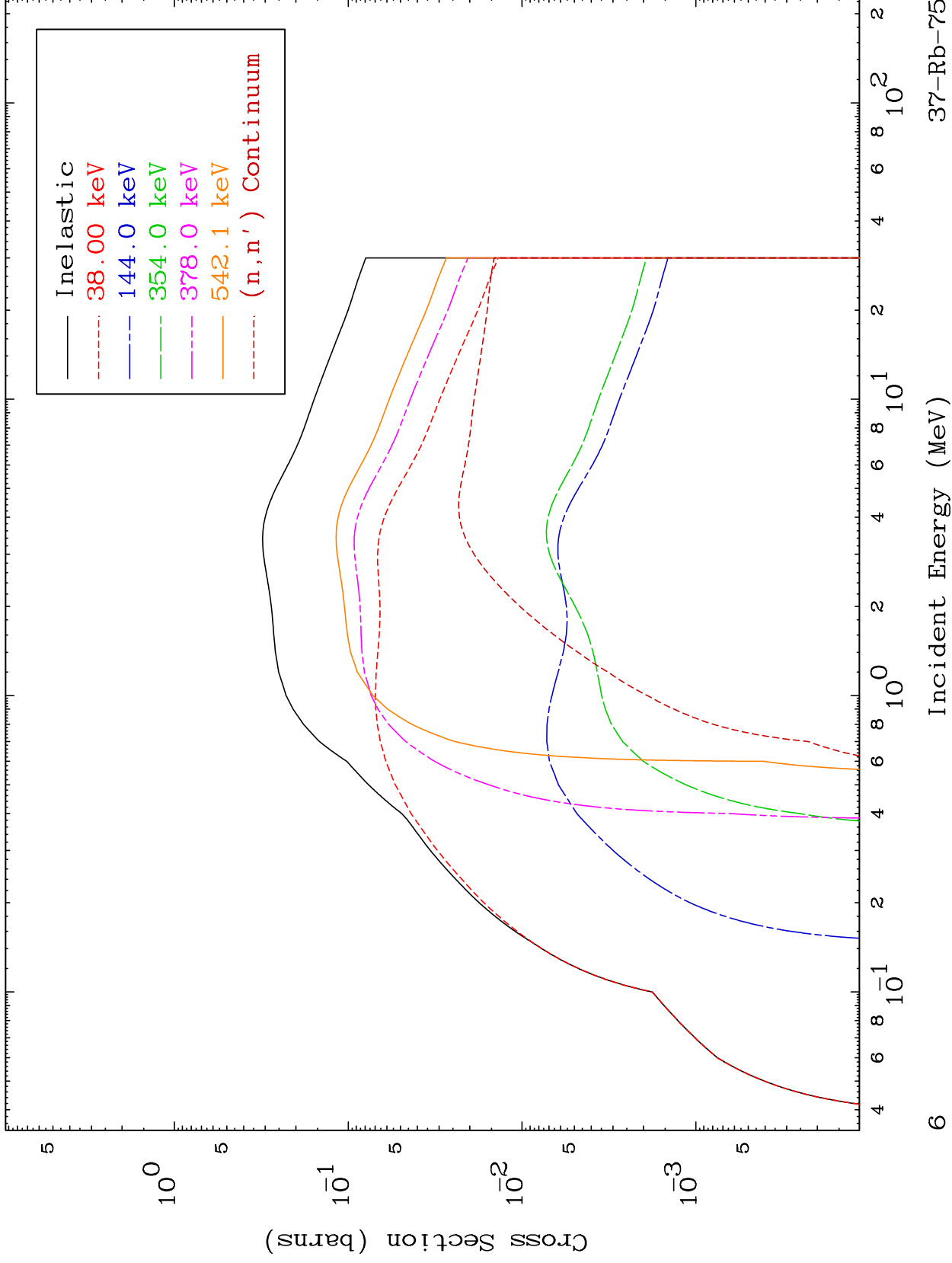




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(n,n') Level
293 Kelvin Cross Sections

37-Rb-75



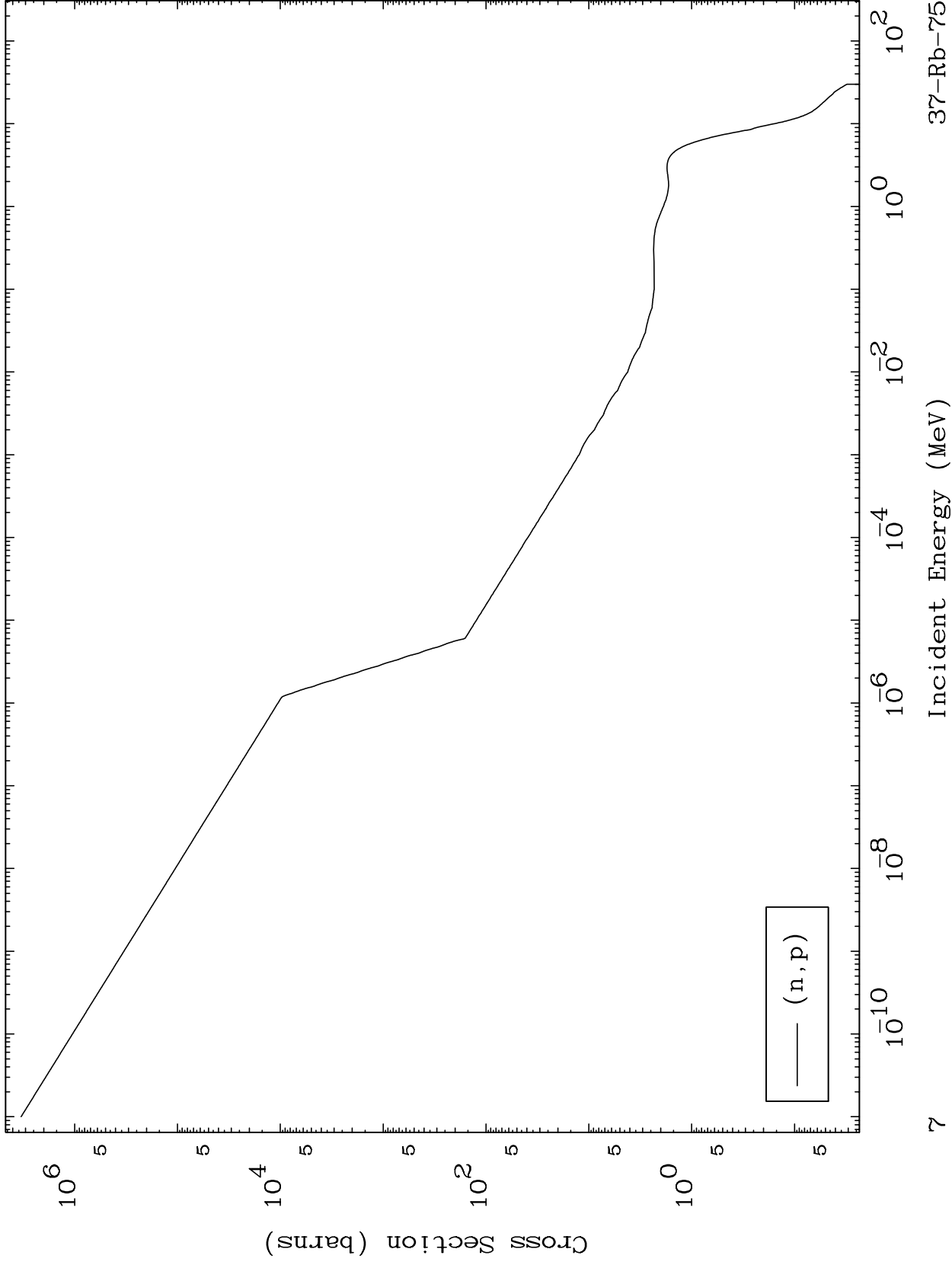
6

37-Rb-75

MAT 3695

(n,p) Levels
293 Kelvin Cross Sections

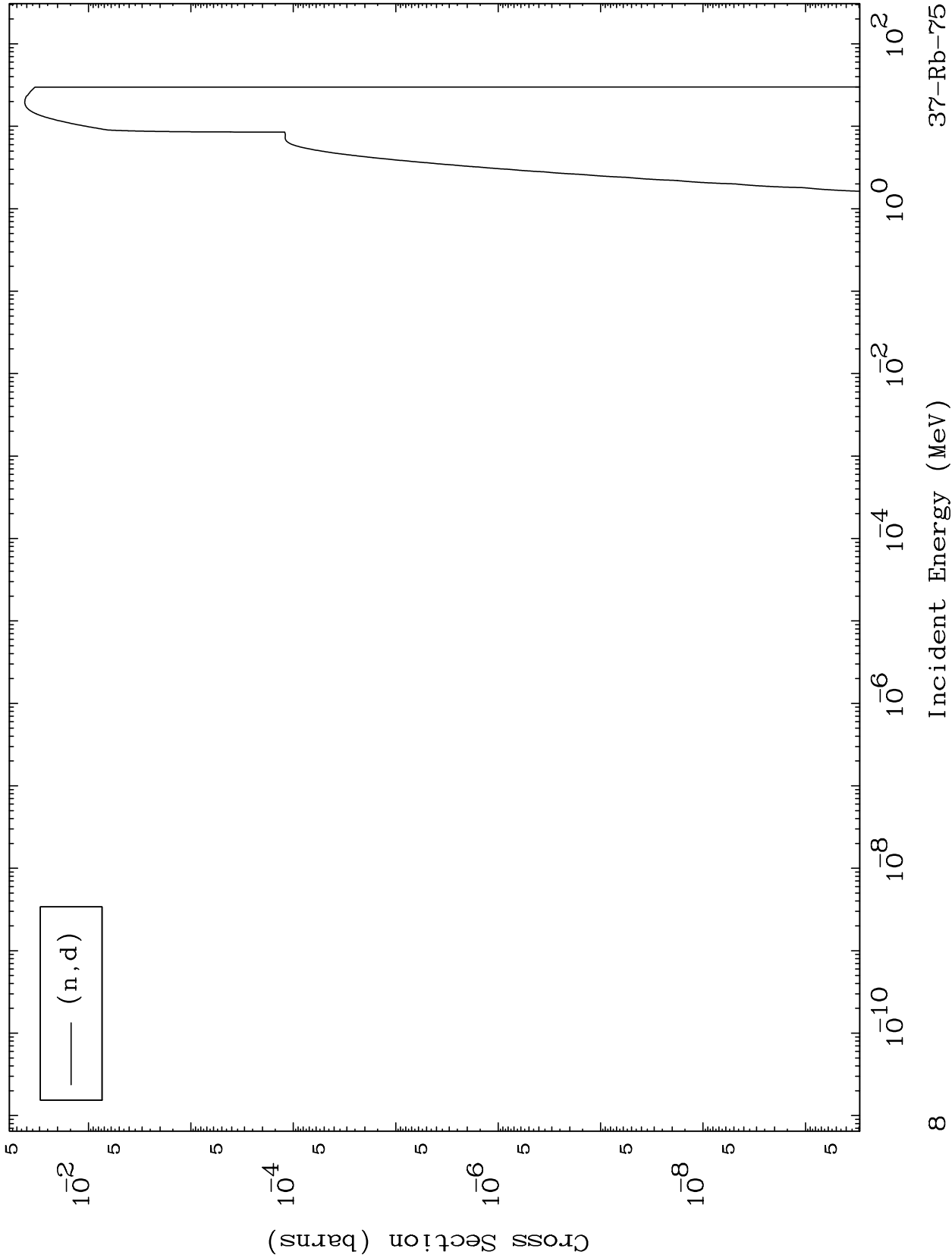
37-Rb-75



MAT 3695

(n,d) Levels
293 Kelvin Cross Sections

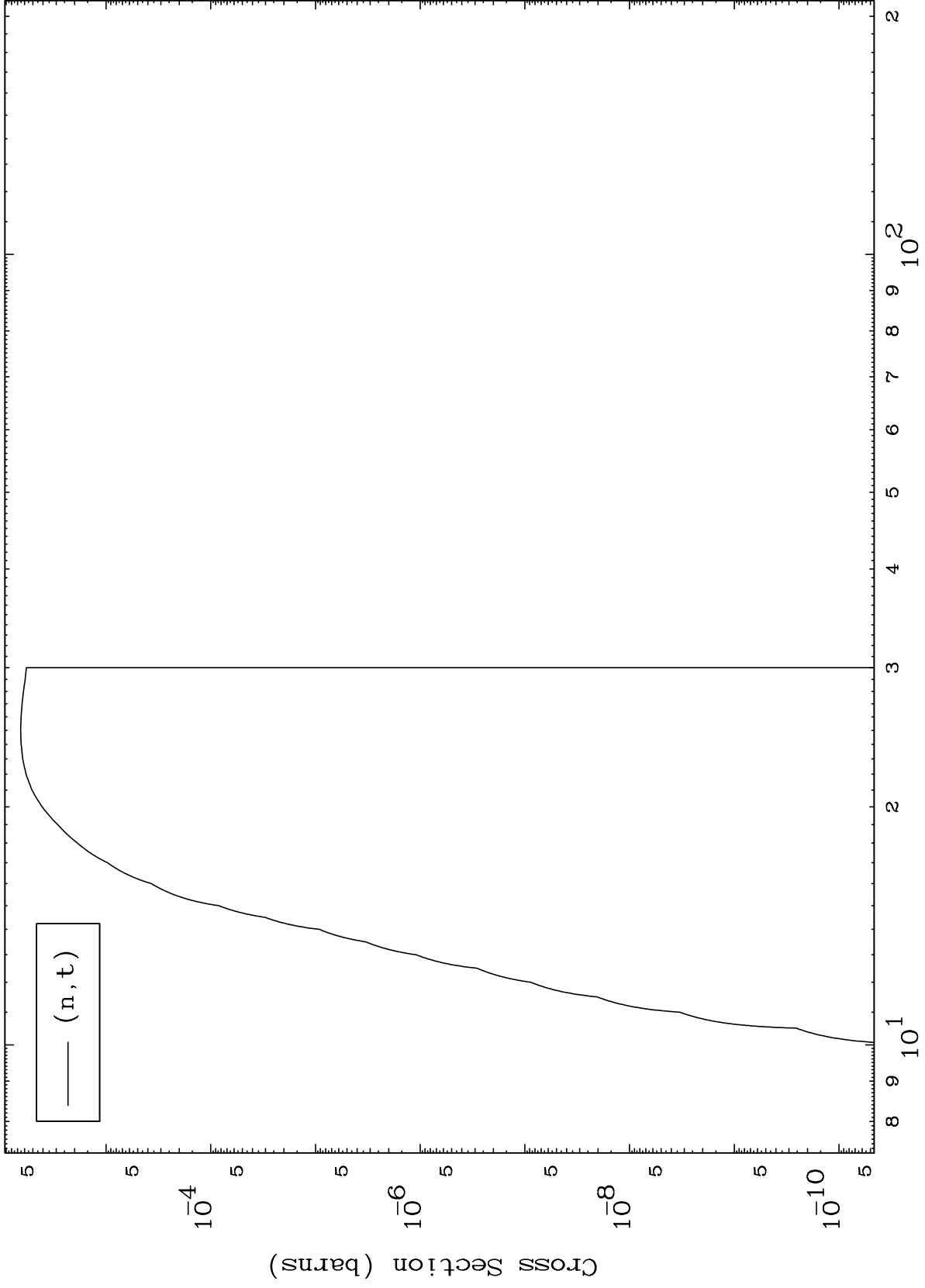
37-Rb-75



MAT 3695

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-75



9

Incident Energy (MeV)

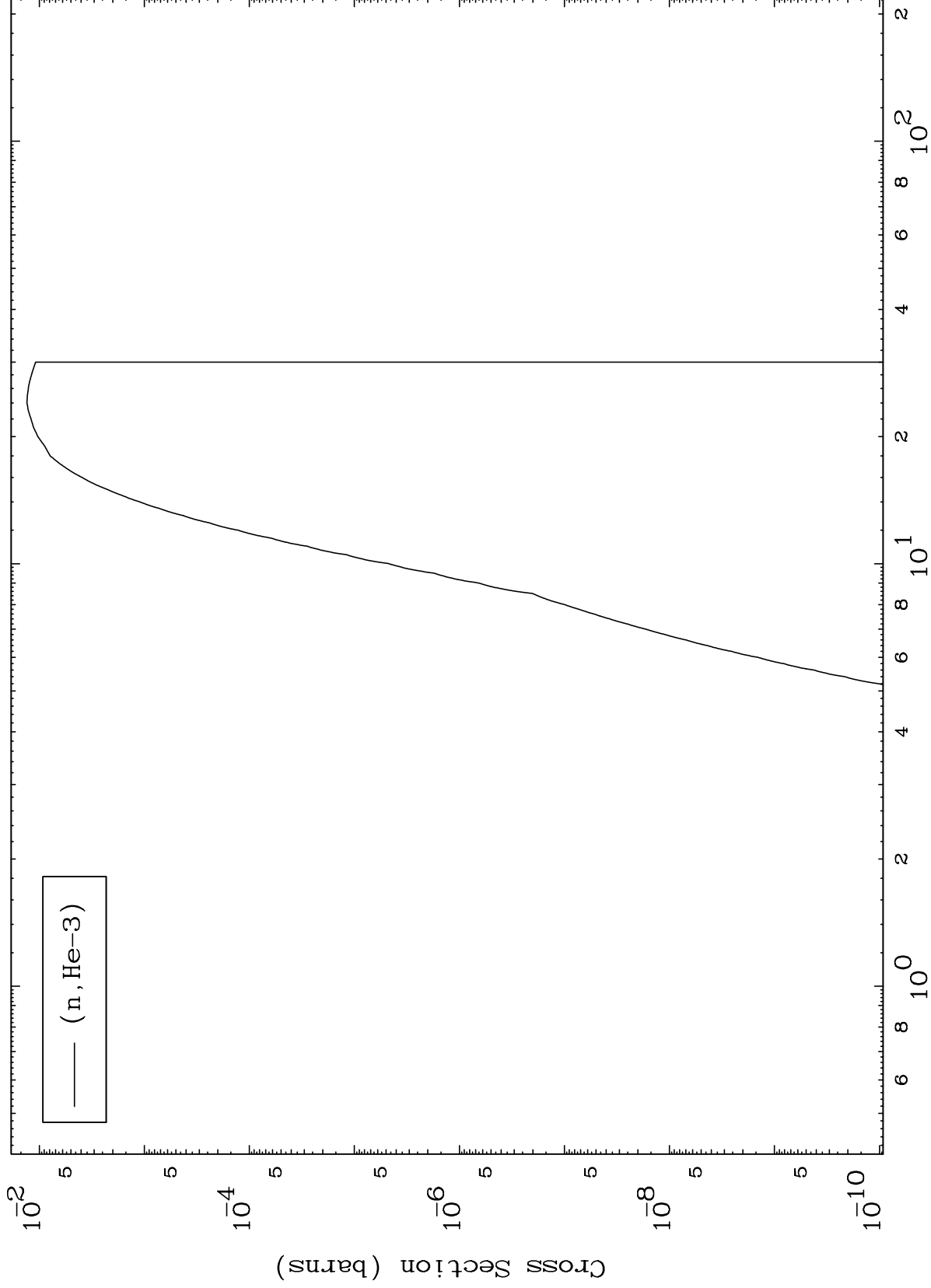
37-Rb-75

MAT 3695

(n,He3) Levels

37-Rb-75

293 Kelvin Cross Sections



10

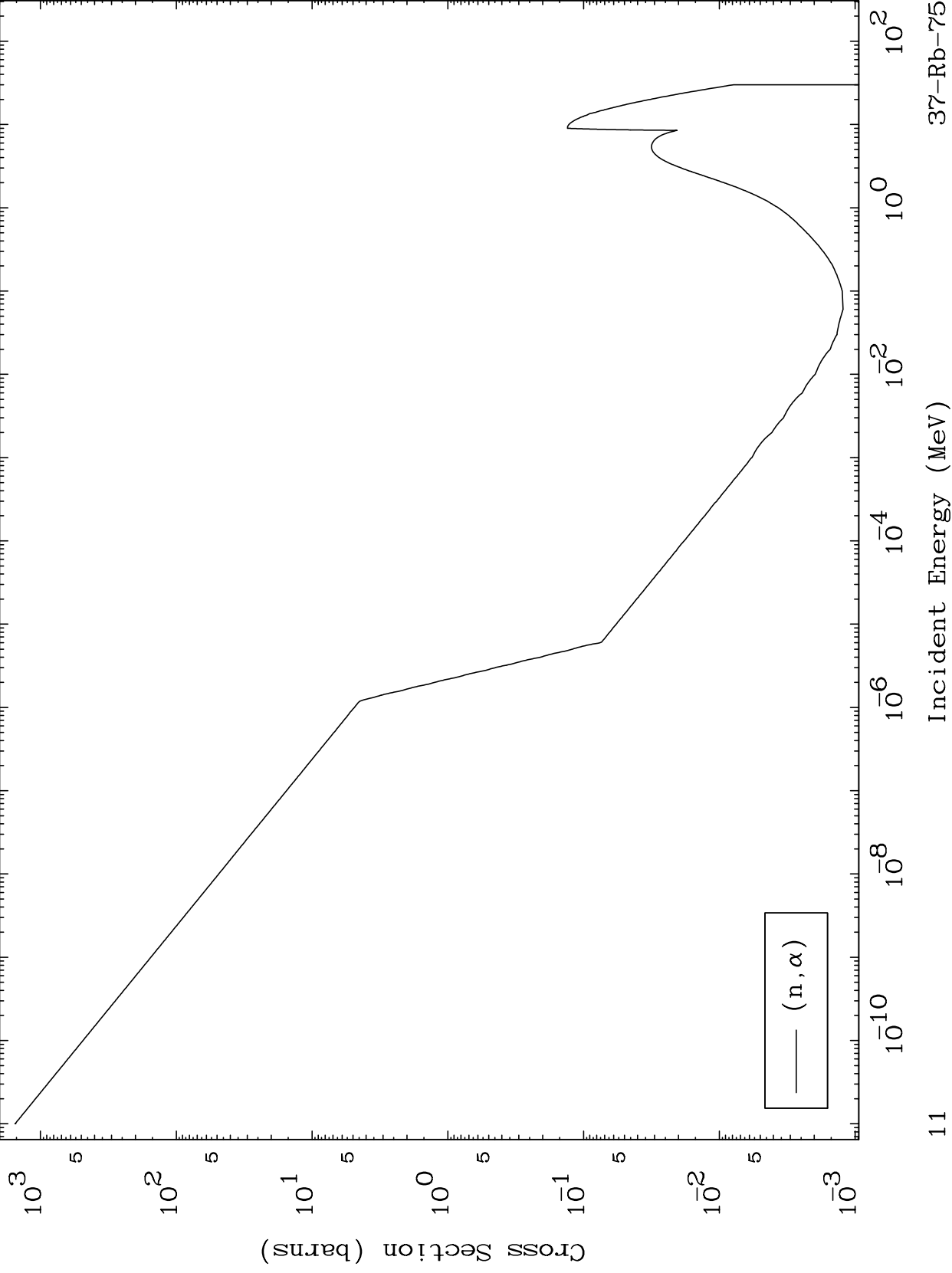
Incident Energy (MeV)

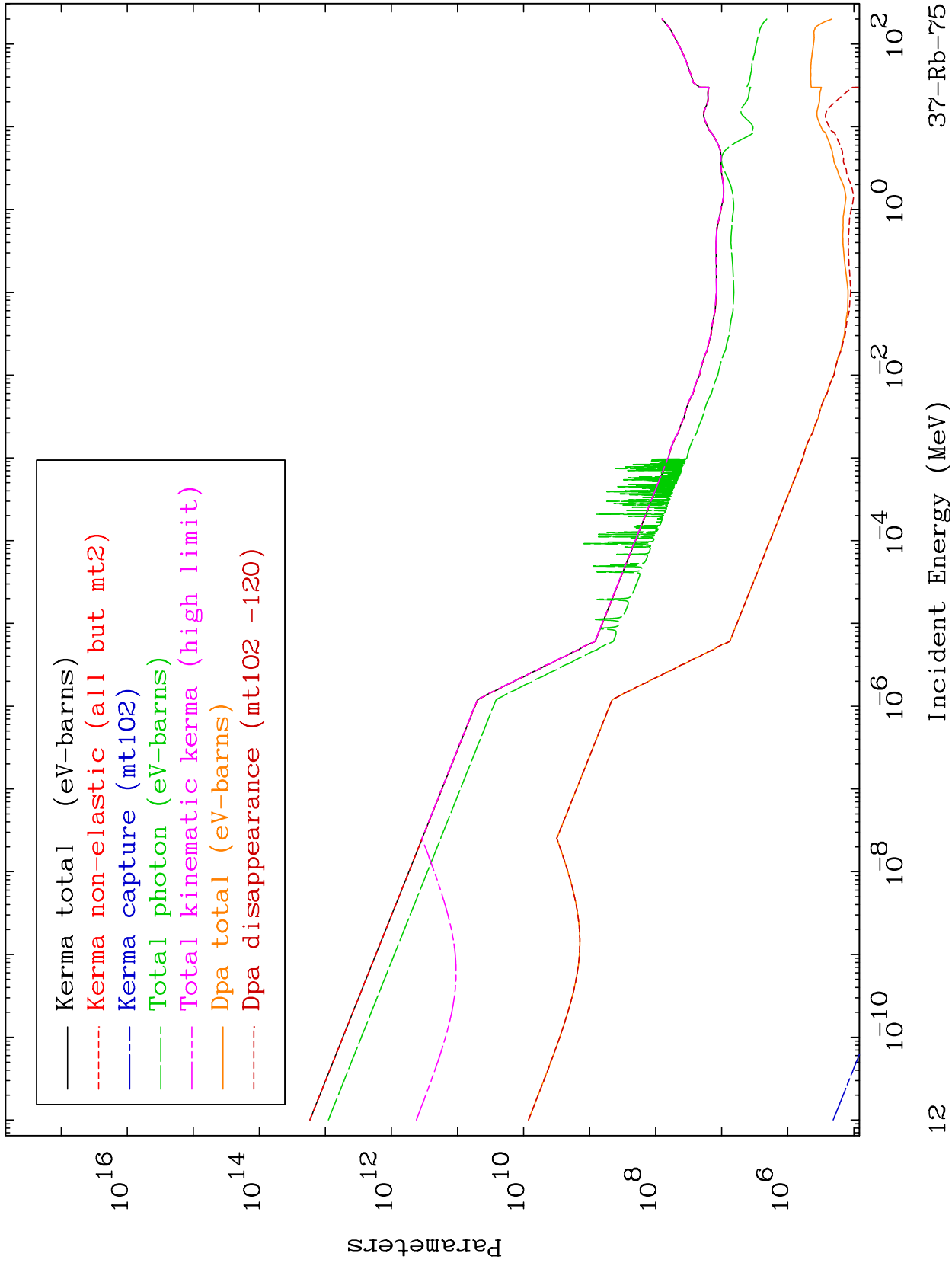
37-Rb-75

MAT 3695

(n,α) Levels
293 Kelvin Cross Sections

37-Rb-75

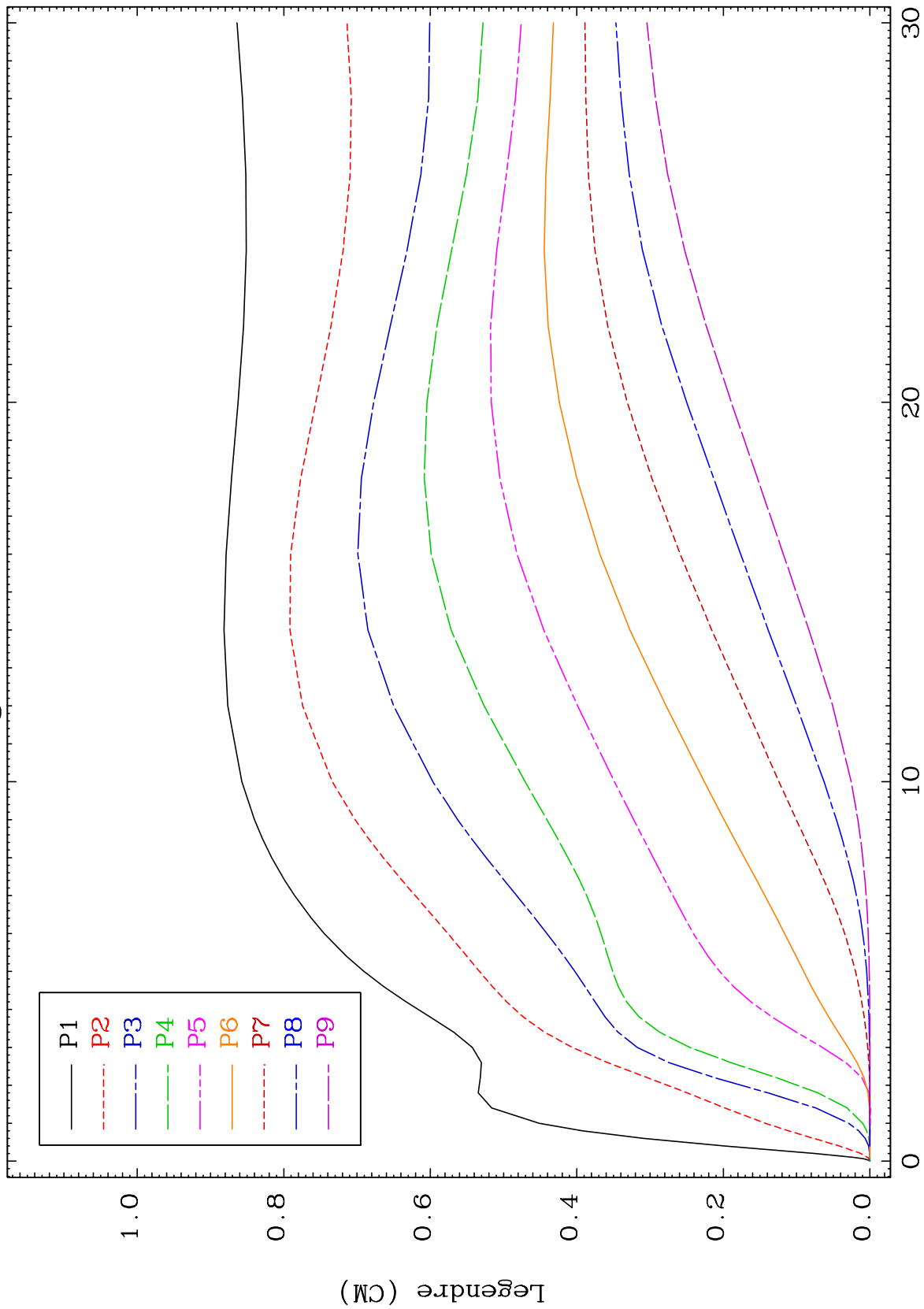




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Elastic Legendre Coefficients

37-Rb-75



13

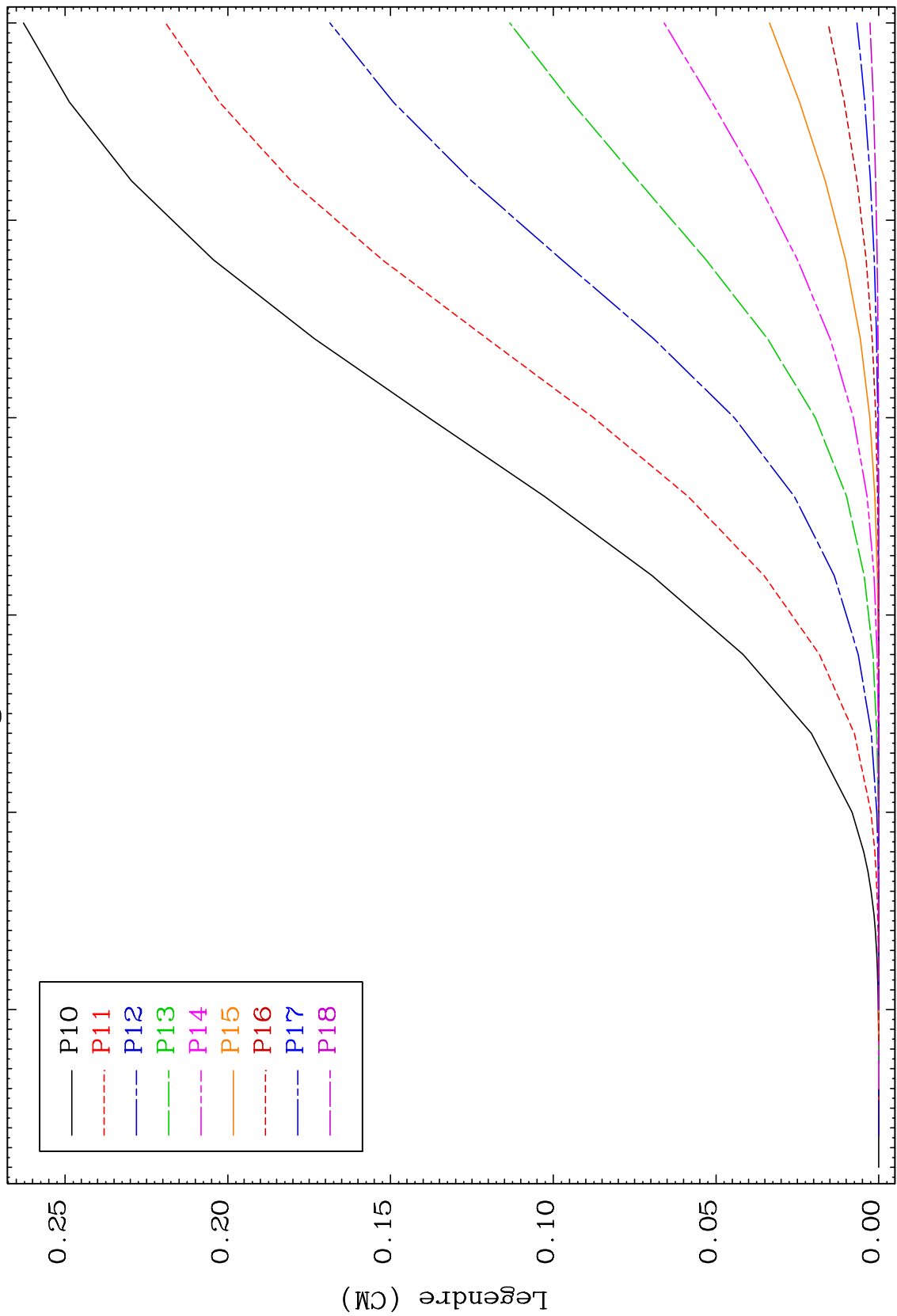
Incident Energy (MeV)

37-Rb-75

MAT 3695

Elastic Legendre Coefficients

³⁷Rb-75



14

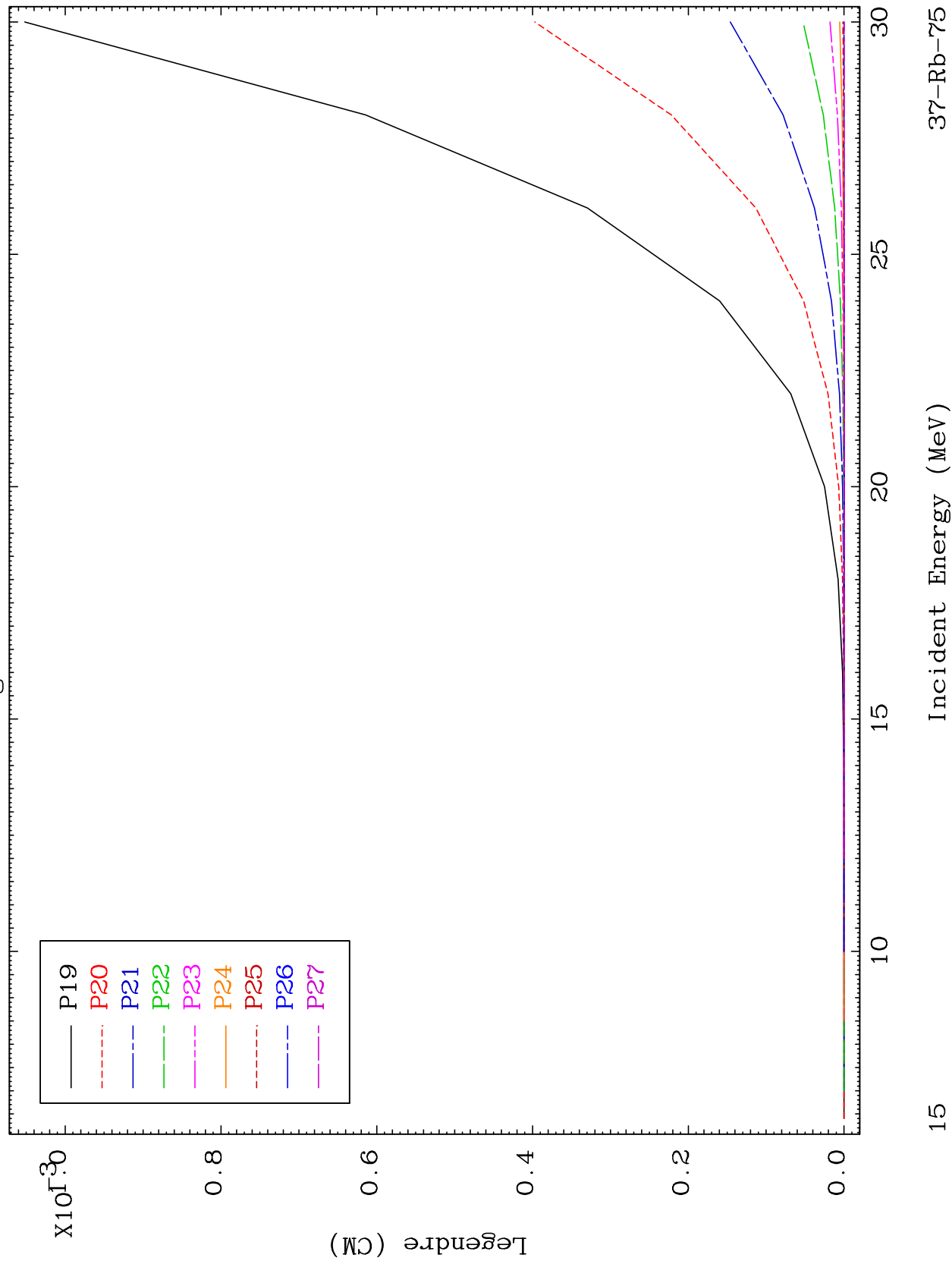
Incident Energy (MeV)

³⁷Rb-75

MAT 3695

Elastic Legendre Coefficients

37-Rb-75



15

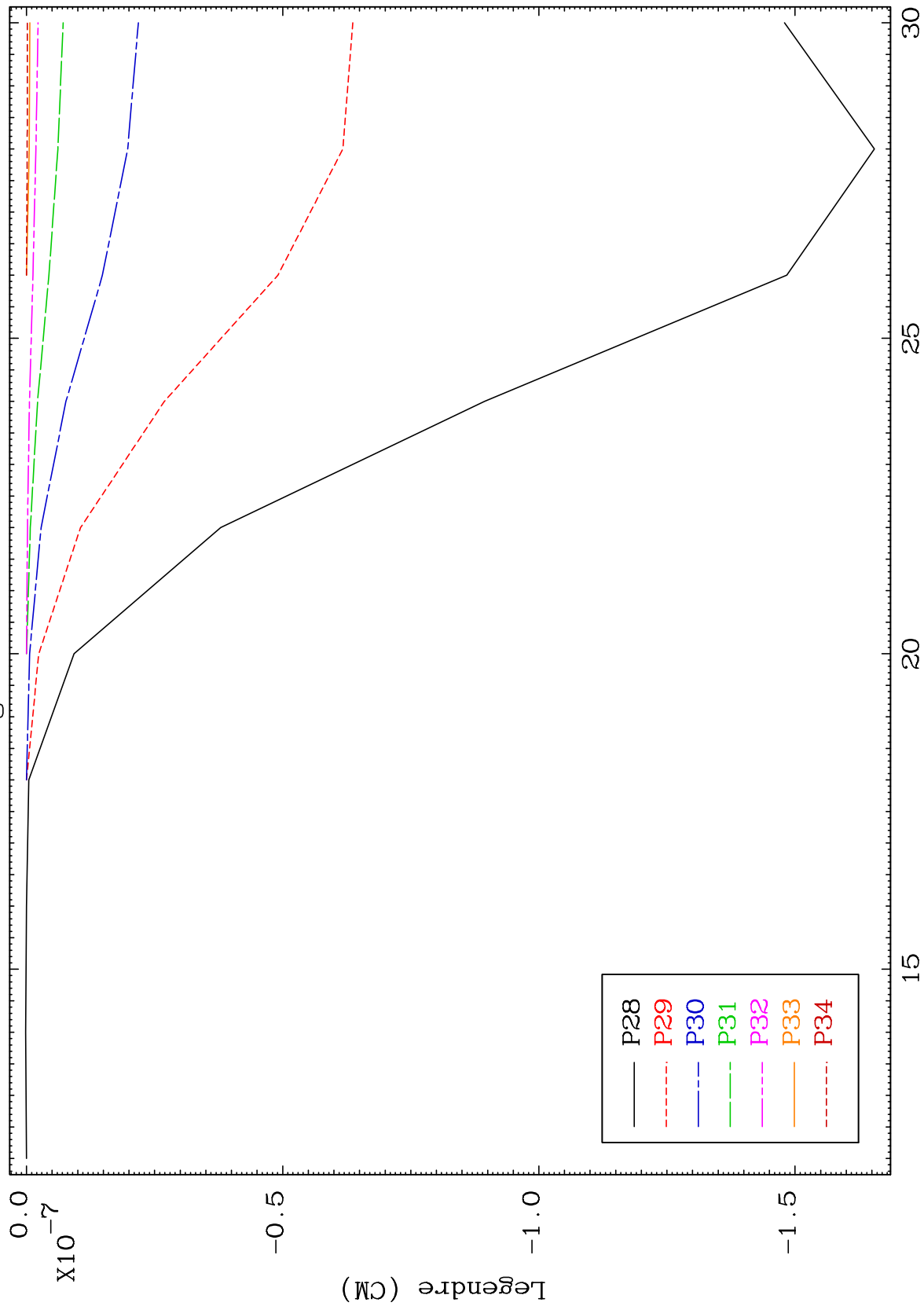
Incident Energy (MeV)

37-Rb-75

MAT 3695

37-Rb-75

Elastic Legendre Coefficients

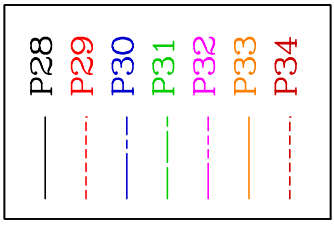


Legendre (CM)
 $\times 10^{-7}$

16

Incident Energy (MeV)

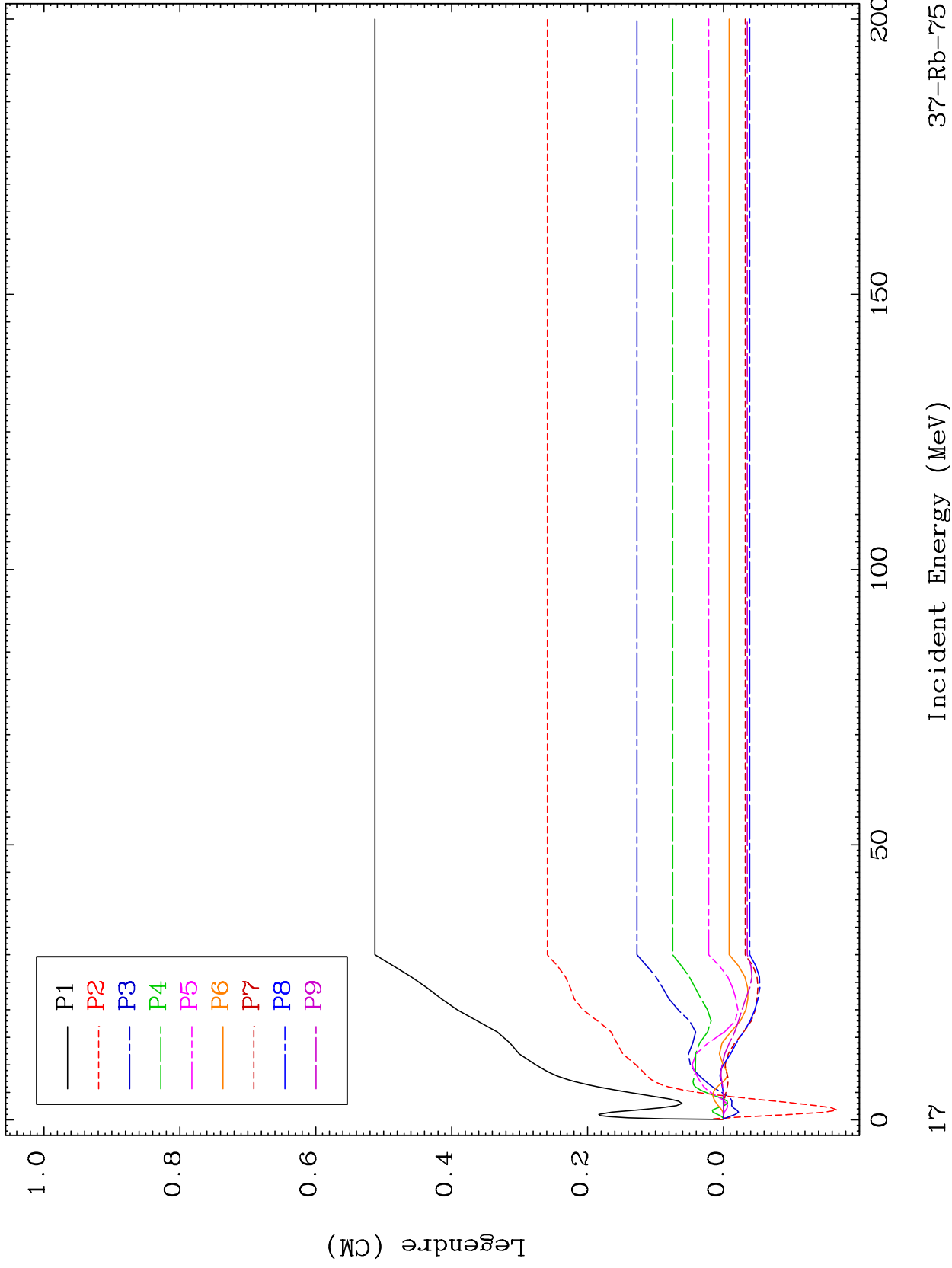
37-Rb-75



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38.00 keV (n,n') Level
Legendre Coefficients

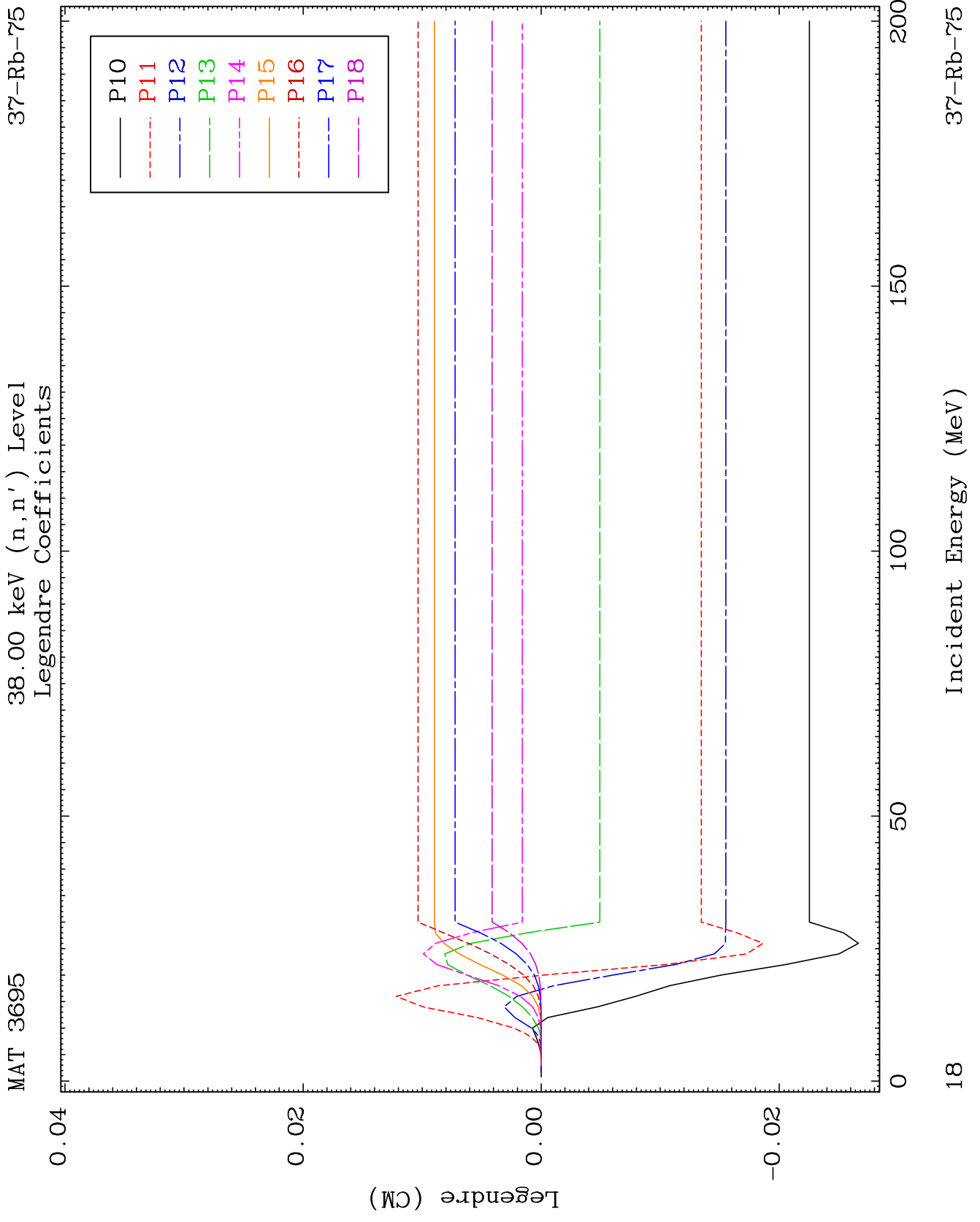
37-Rb-75



37-Rb-75

Incident Energy (MeV)

17



37-Rb-75

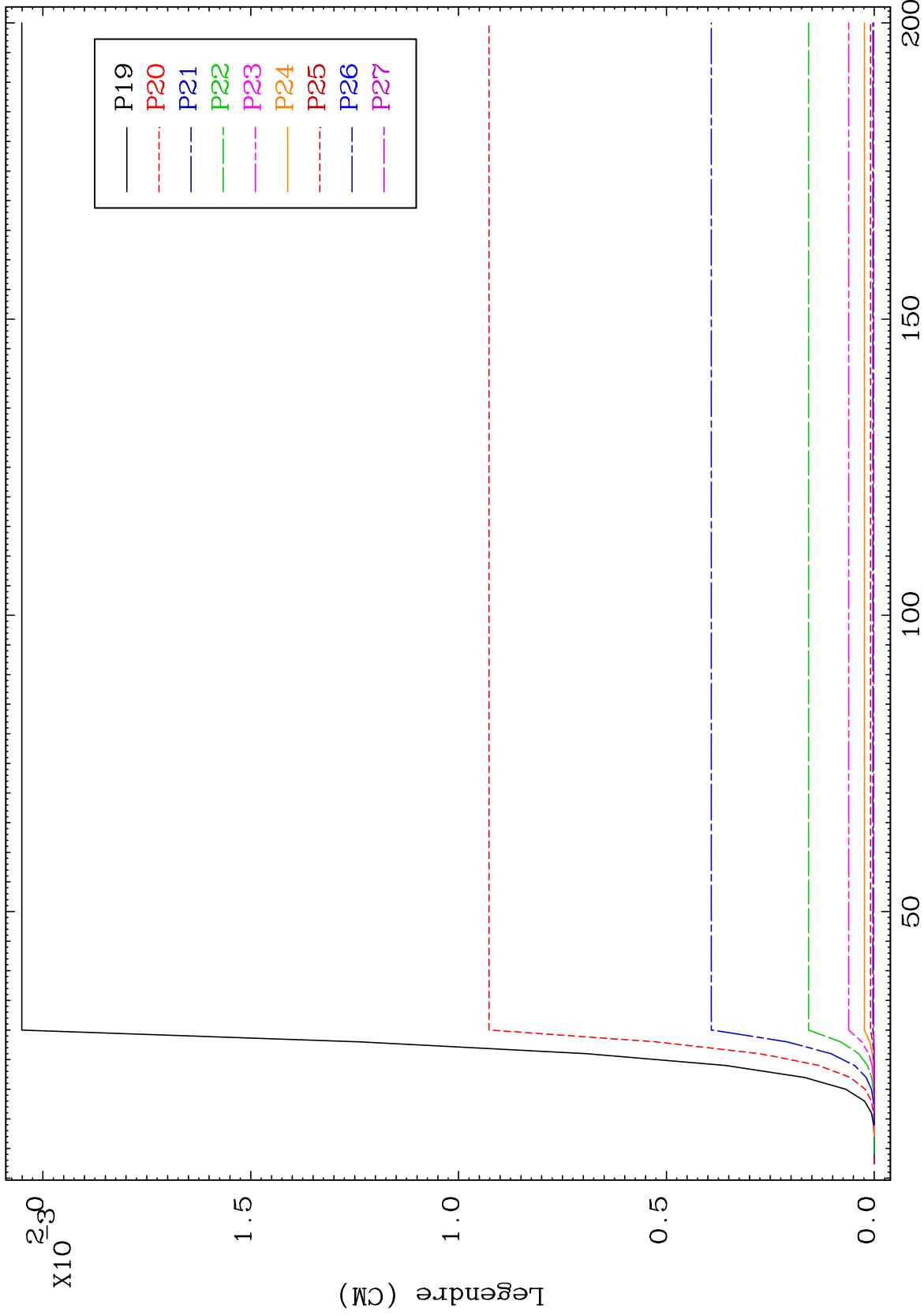
Incident Energy (MeV)

18

MAT 3695

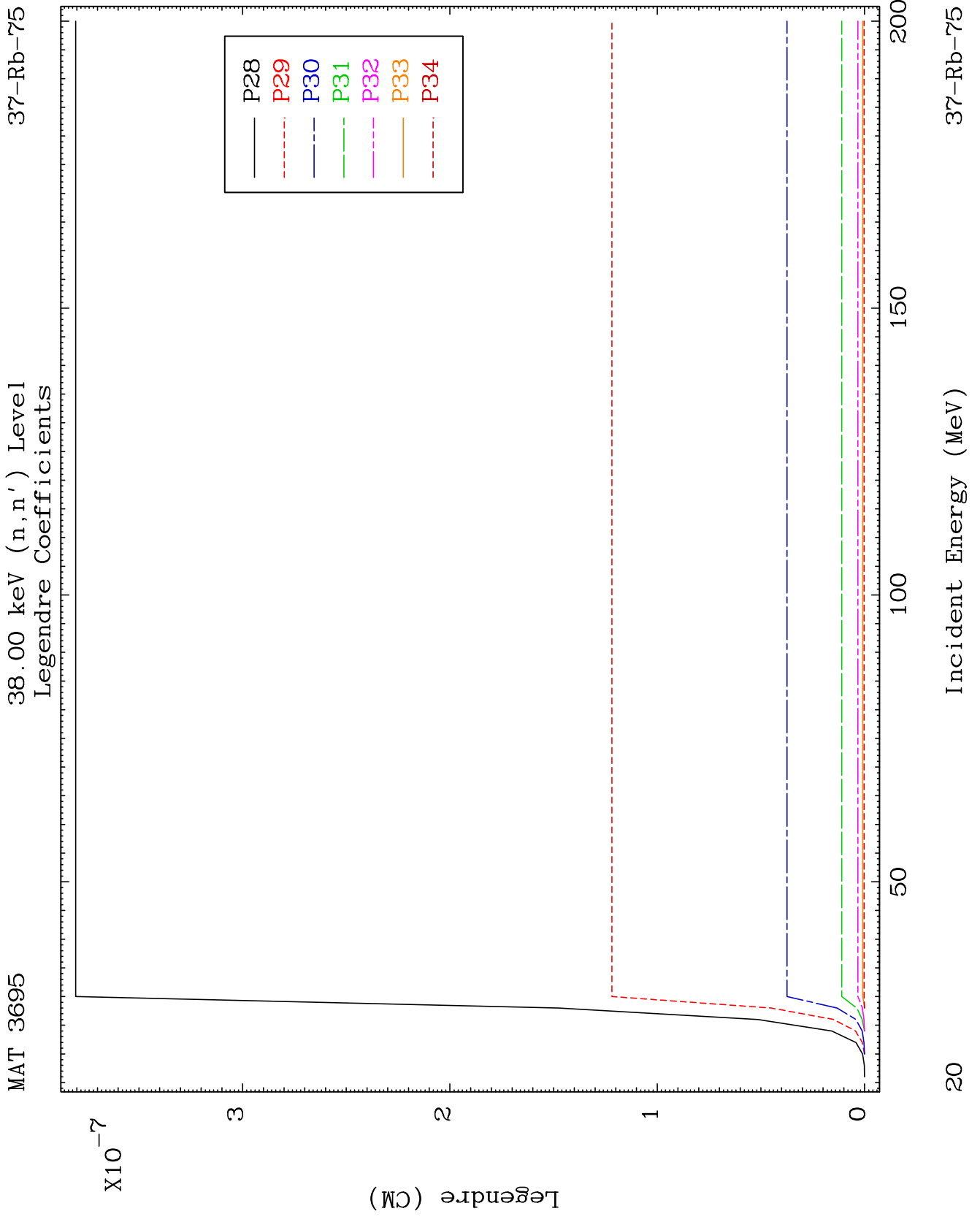
38.00 keV (n,n') Level
Legendre Coefficients

37-Rb-75



19

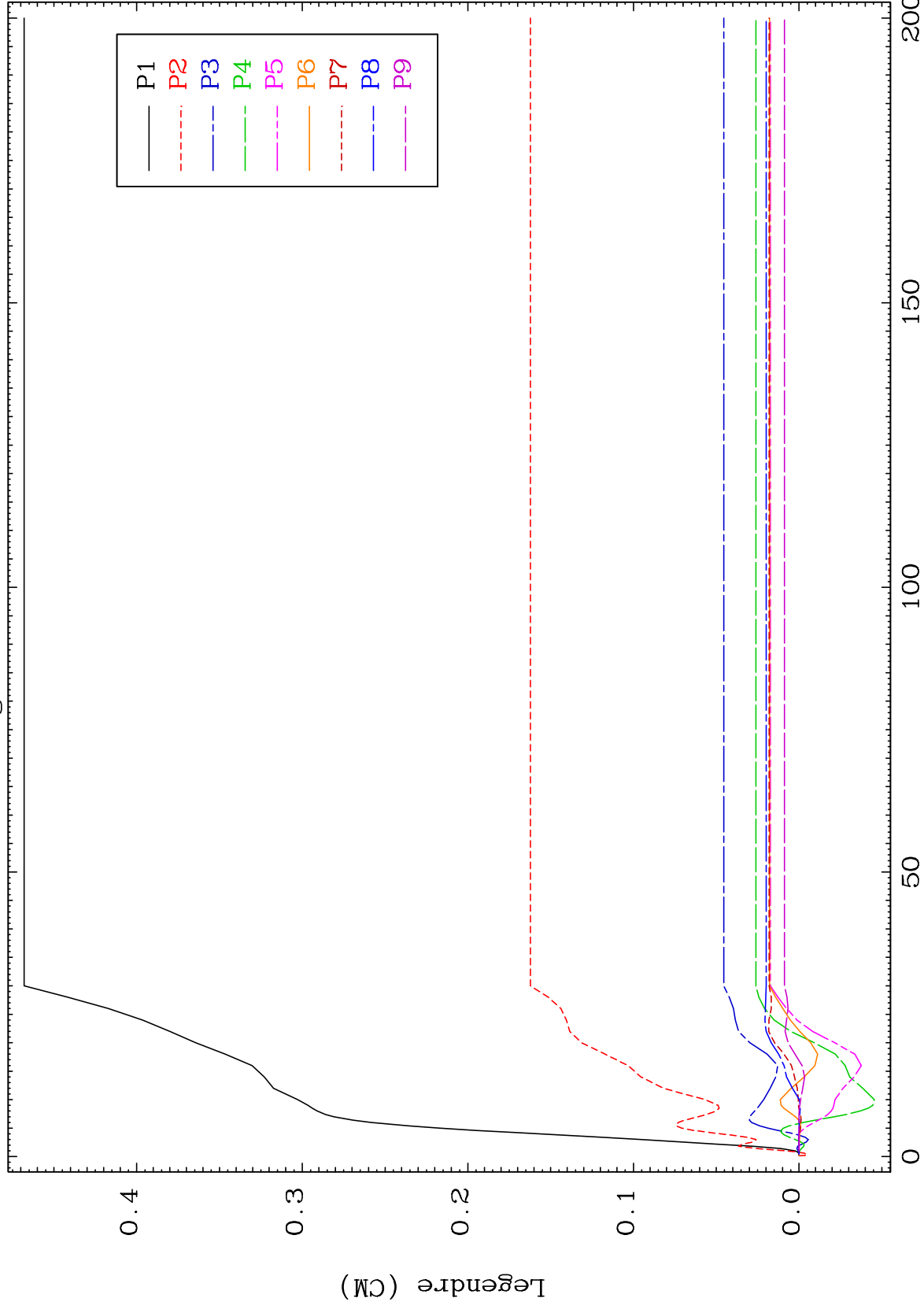
37-Rb-75



MAT 3695

144.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



21

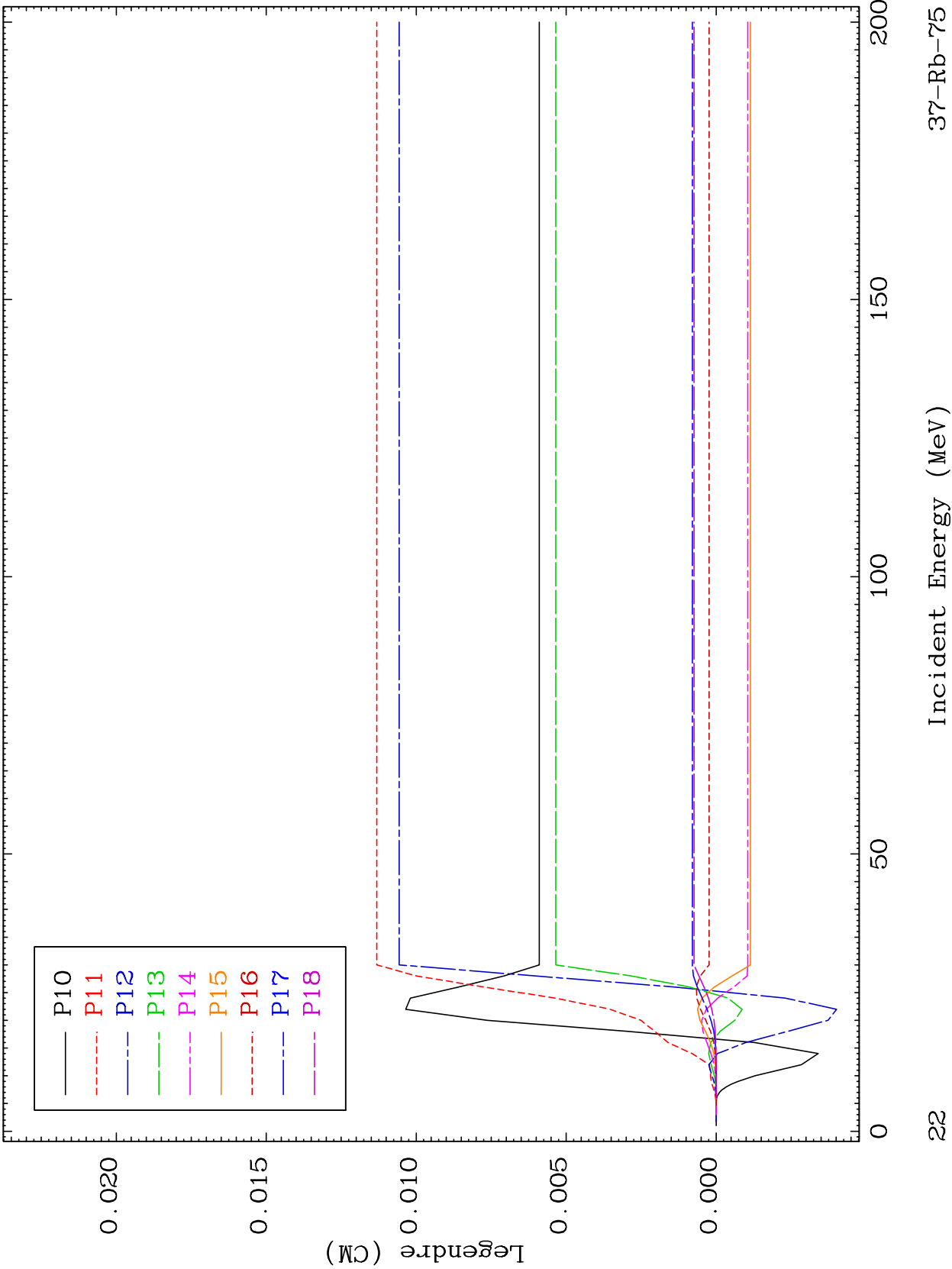
Incident Energy (MeV)

37-Rb-75

MAT 3695

144.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



22

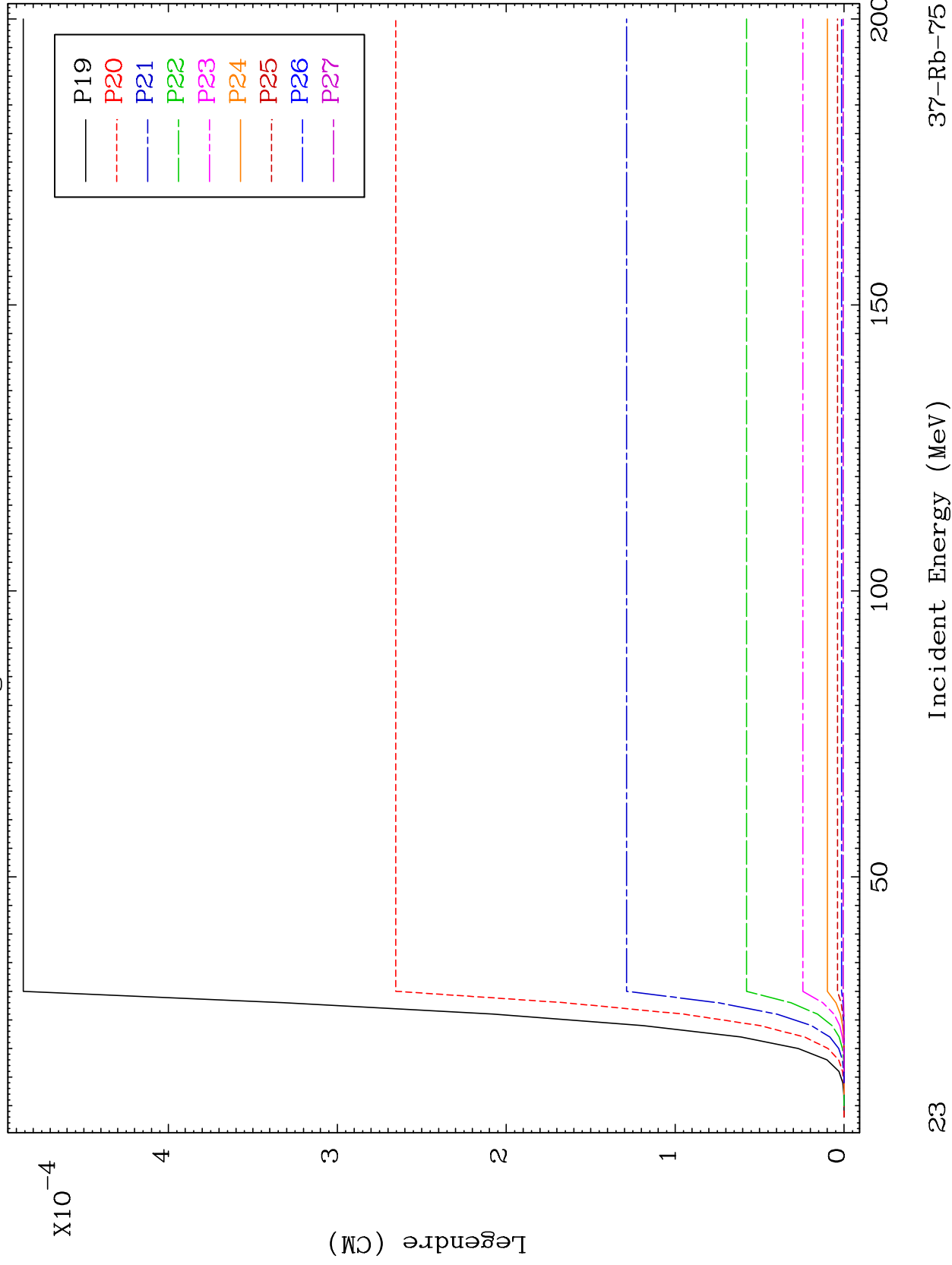
Incident Energy (MeV)

37-Rb-75

MAT 3695

144.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



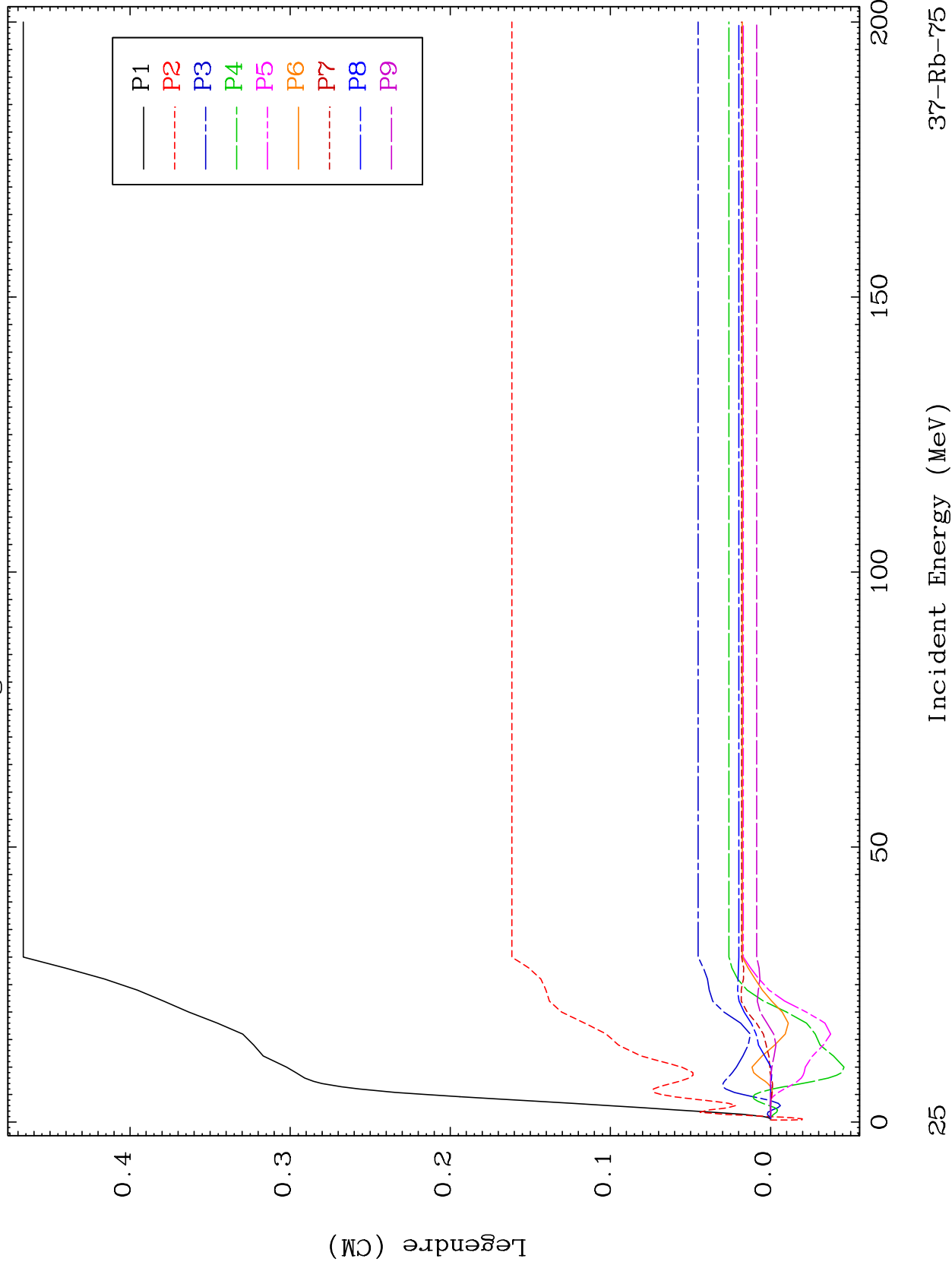
23

37-Rb-75

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354.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



37-Rb-75

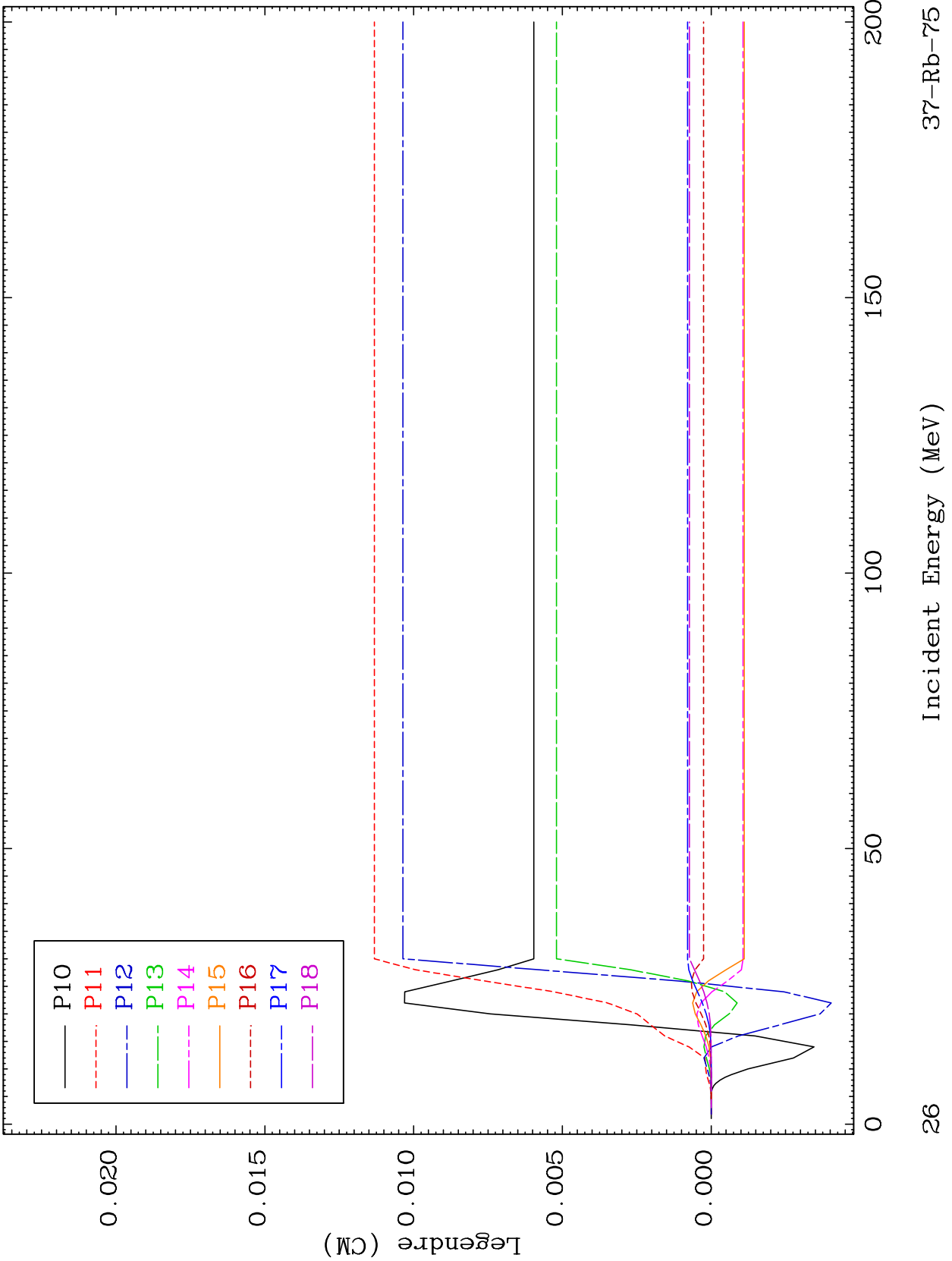
Incident Energy (MeV)

25

MAT 3695

354.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



26

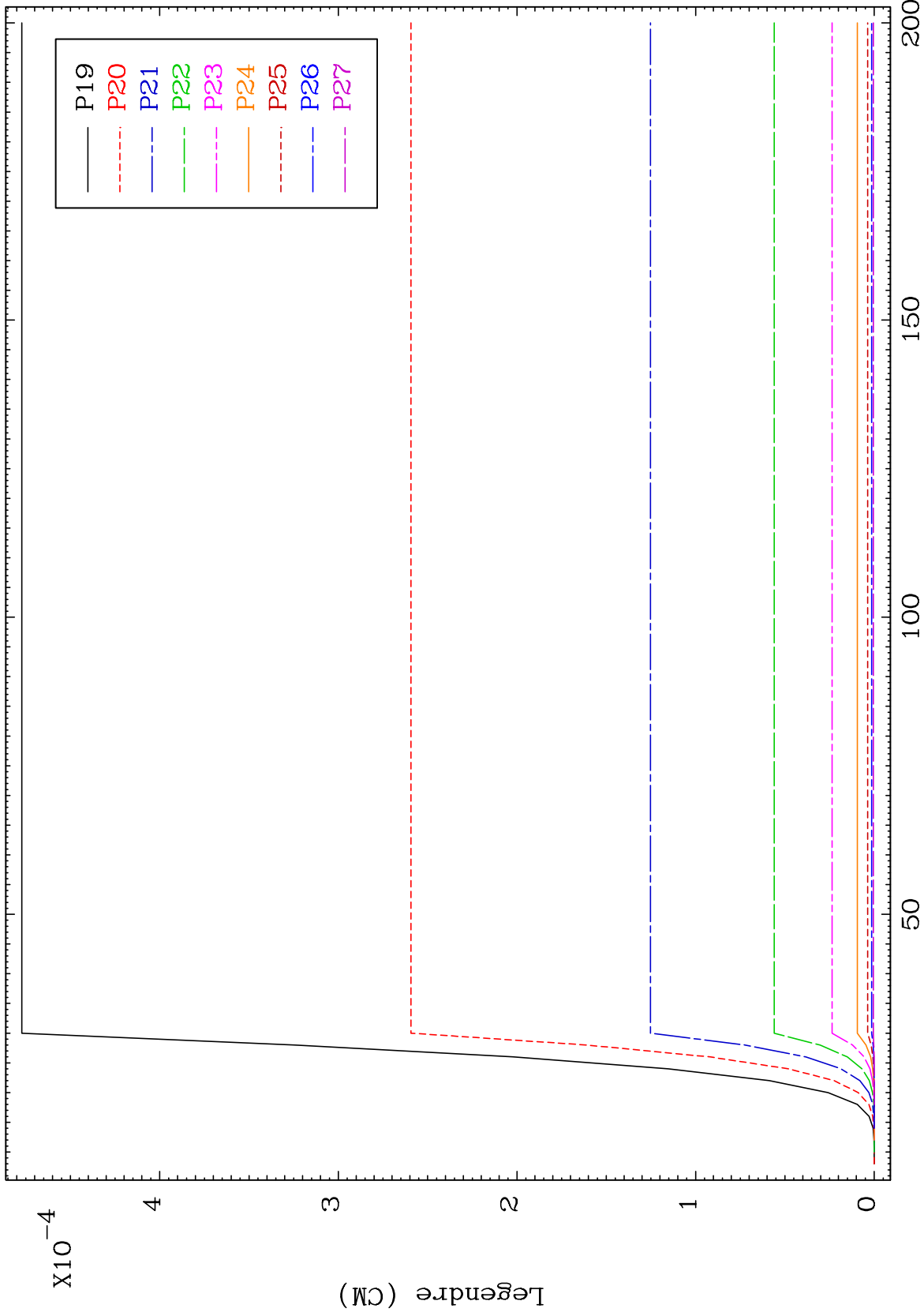
Incident Energy (MeV)

37-Rb-75

MAT 3695

354.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



27

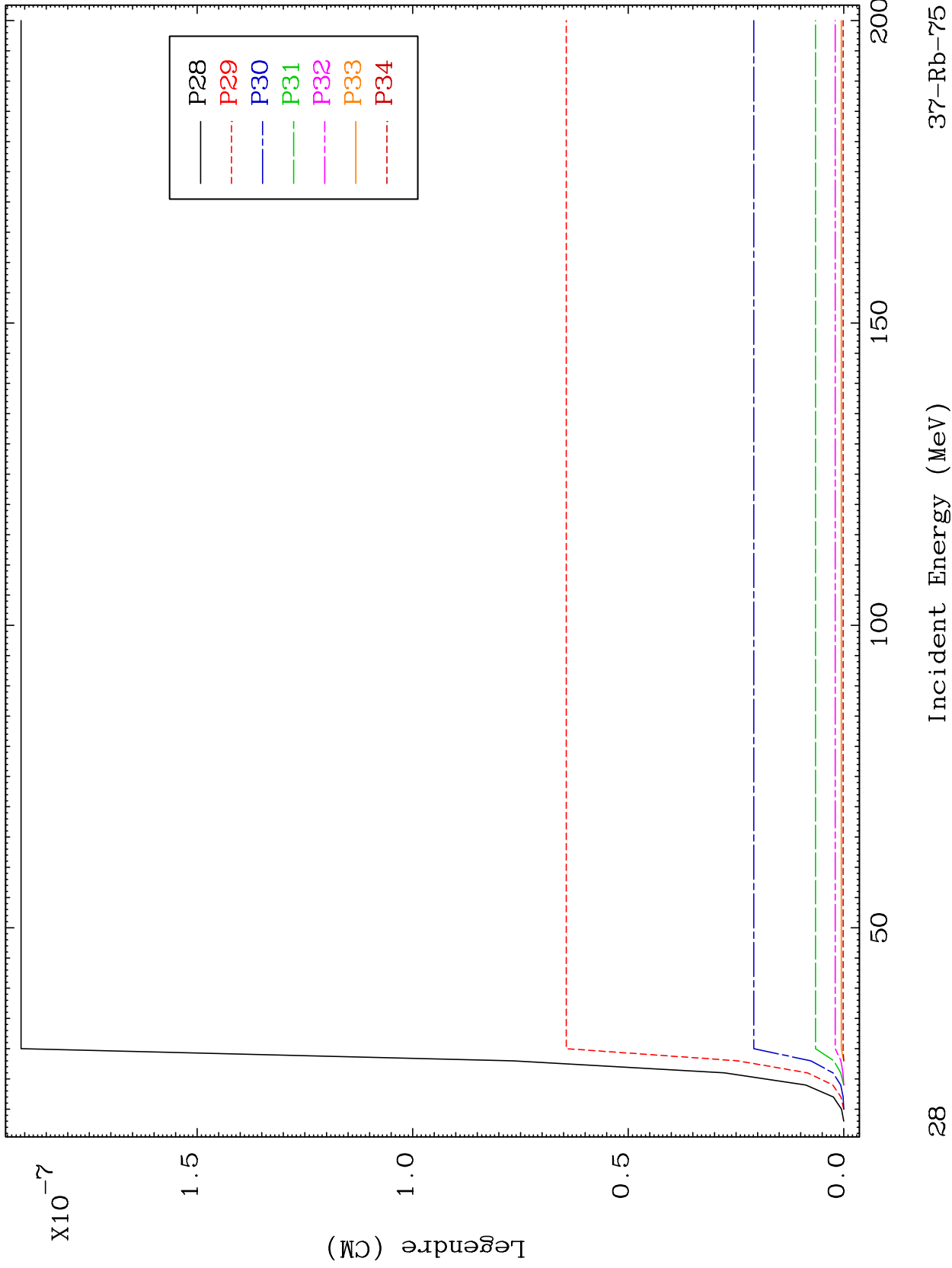
Incident Energy (MeV)

37-Rb-75

MAT 3695

354.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



28

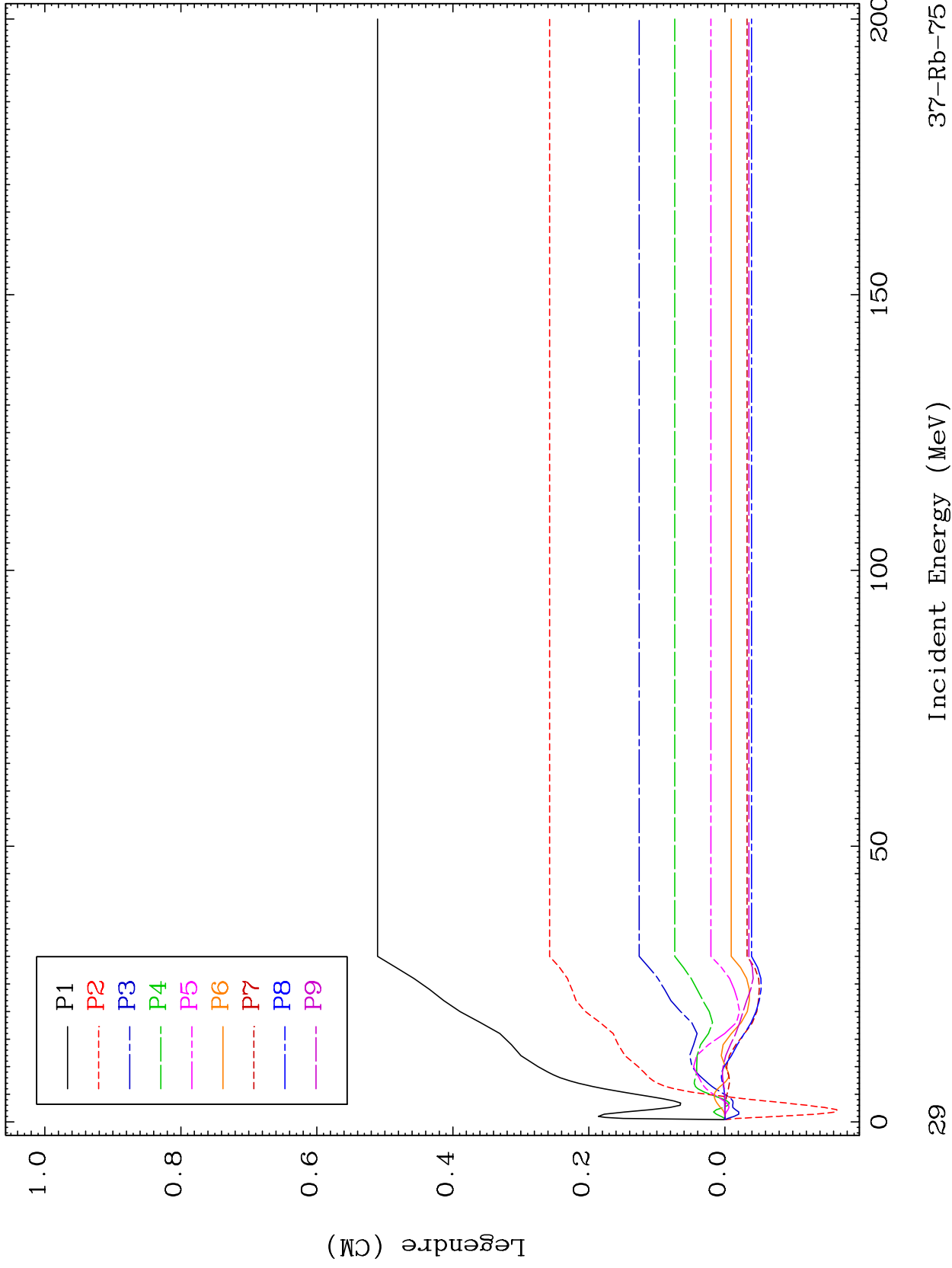
Incident Energy (MeV)

37-Rb-75

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378.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



29

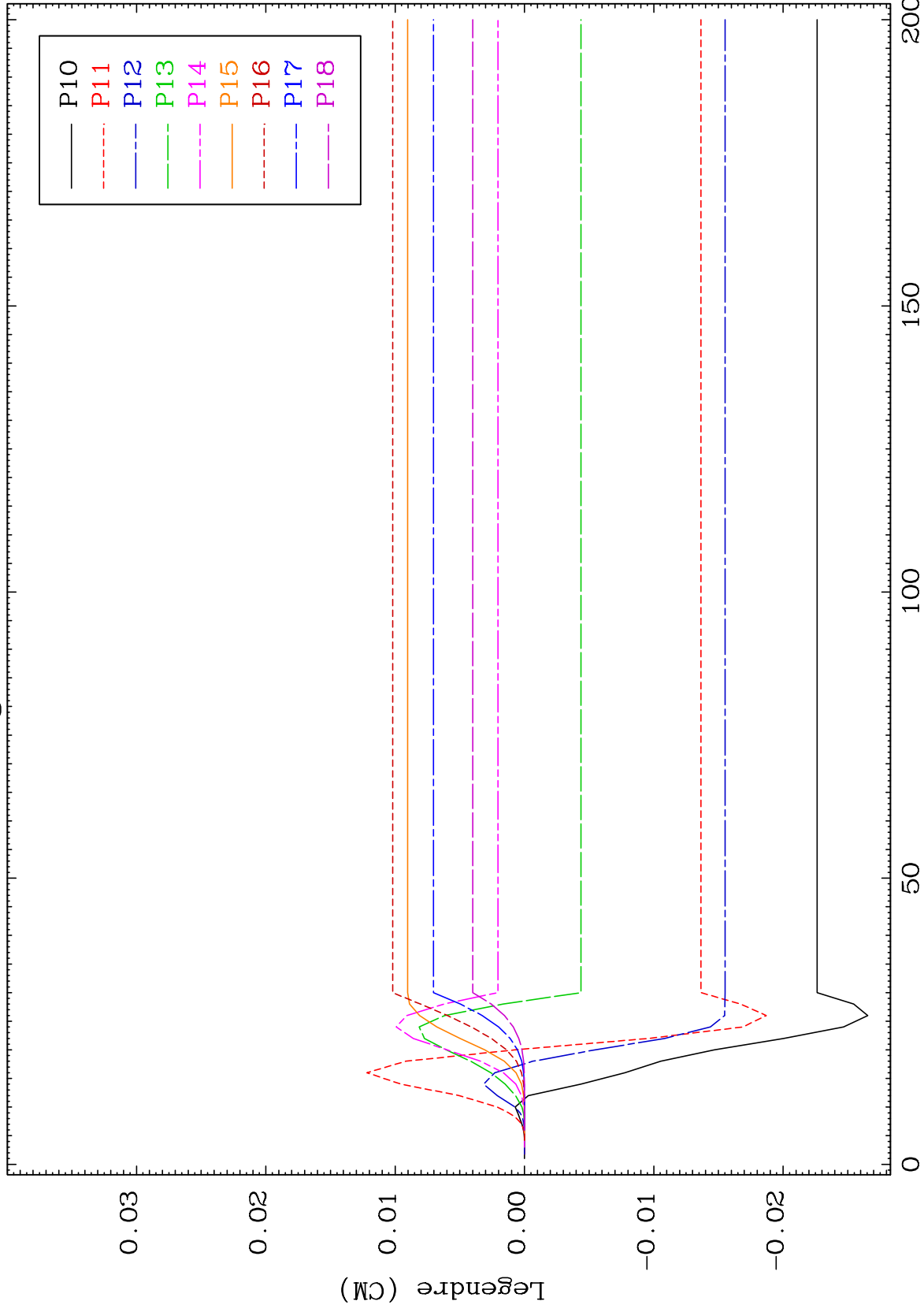
Incident Energy (MeV)

37-Rb-75

MAT 3695

378.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



30

Incident Energy (MeV)

0

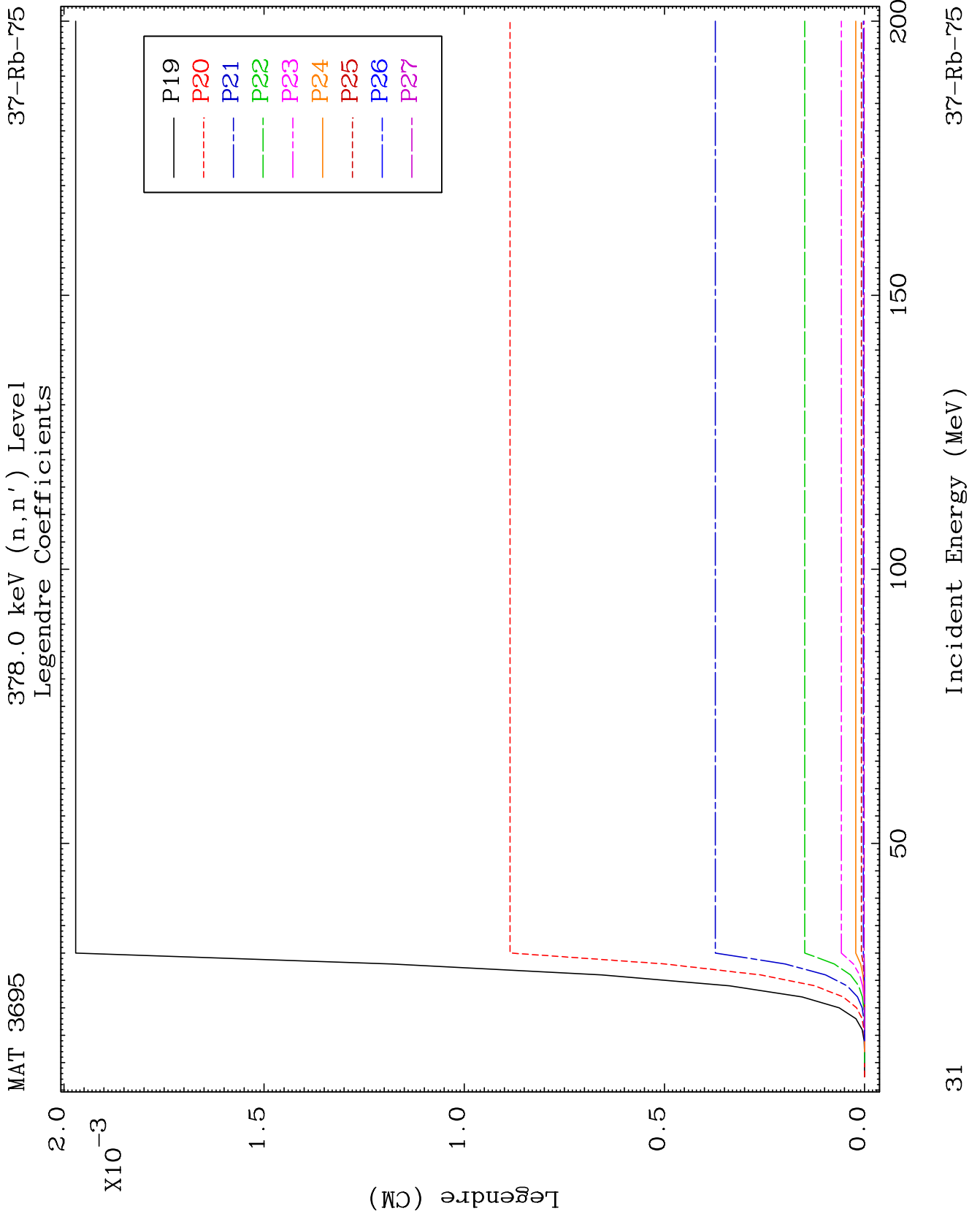
50

100

150

200

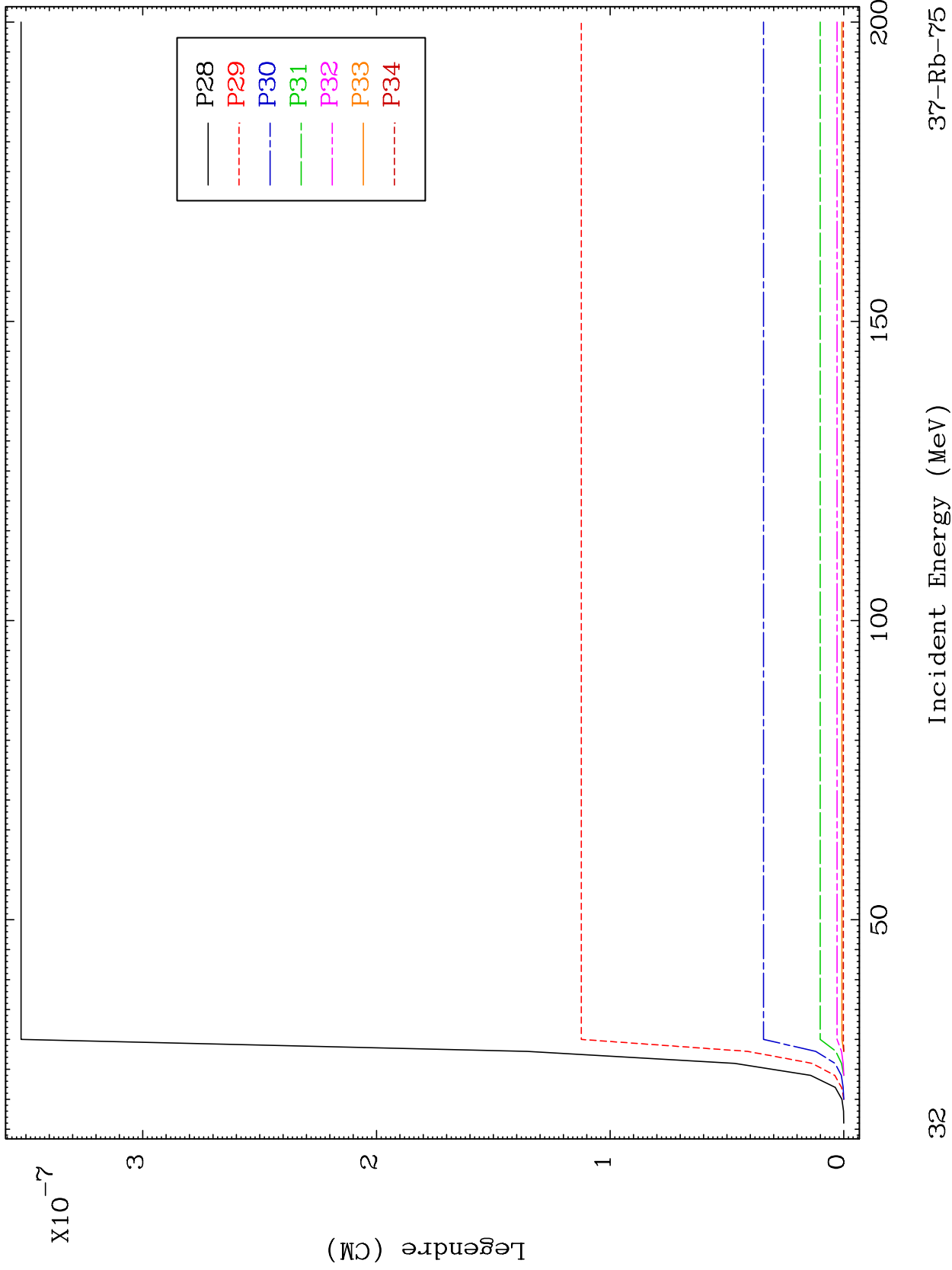
37-Rb-75



MAT 3695

378.0 keV (n,n') Level
Legendre Coefficients

37-Rb-75



32

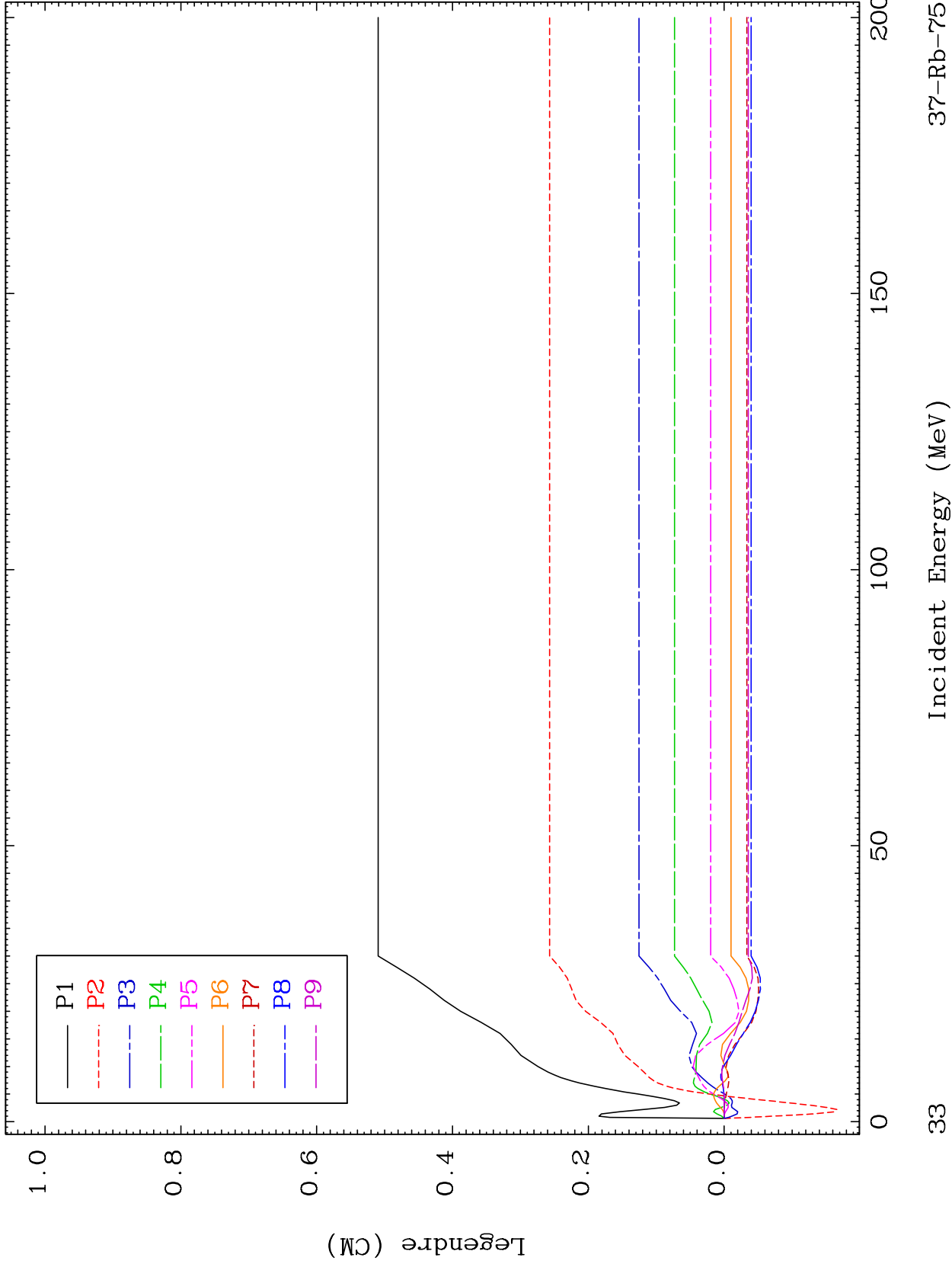
Incident Energy (MeV)

37-Rb-75

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542.1 keV (n,n') Level
Legendre Coefficients

37-Rb-75



33

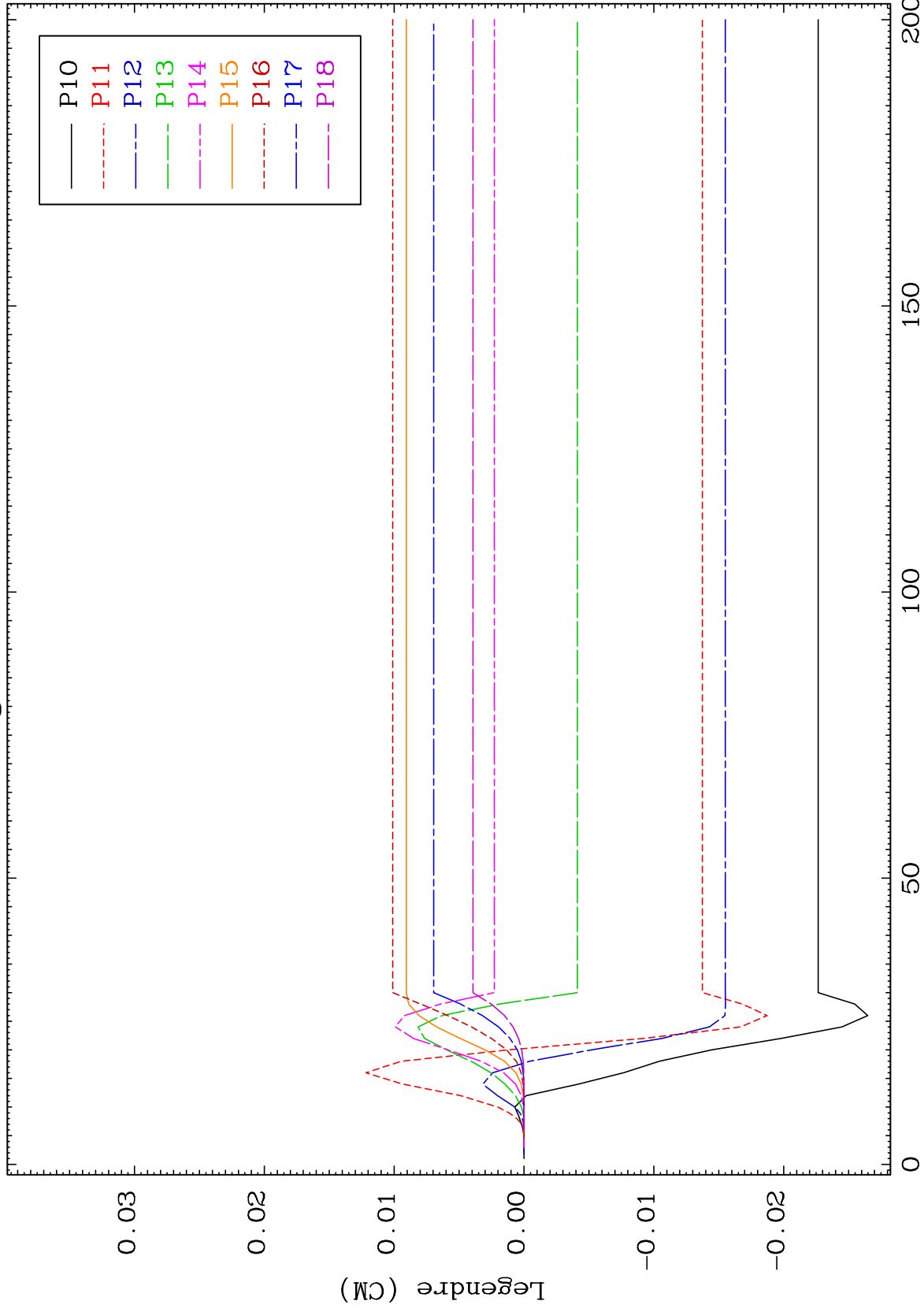
Incident Energy (MeV)

37-Rb-75

MAT 3695

542.1 keV (n,n') Level
Legendre Coefficients

37-Rb-75



34

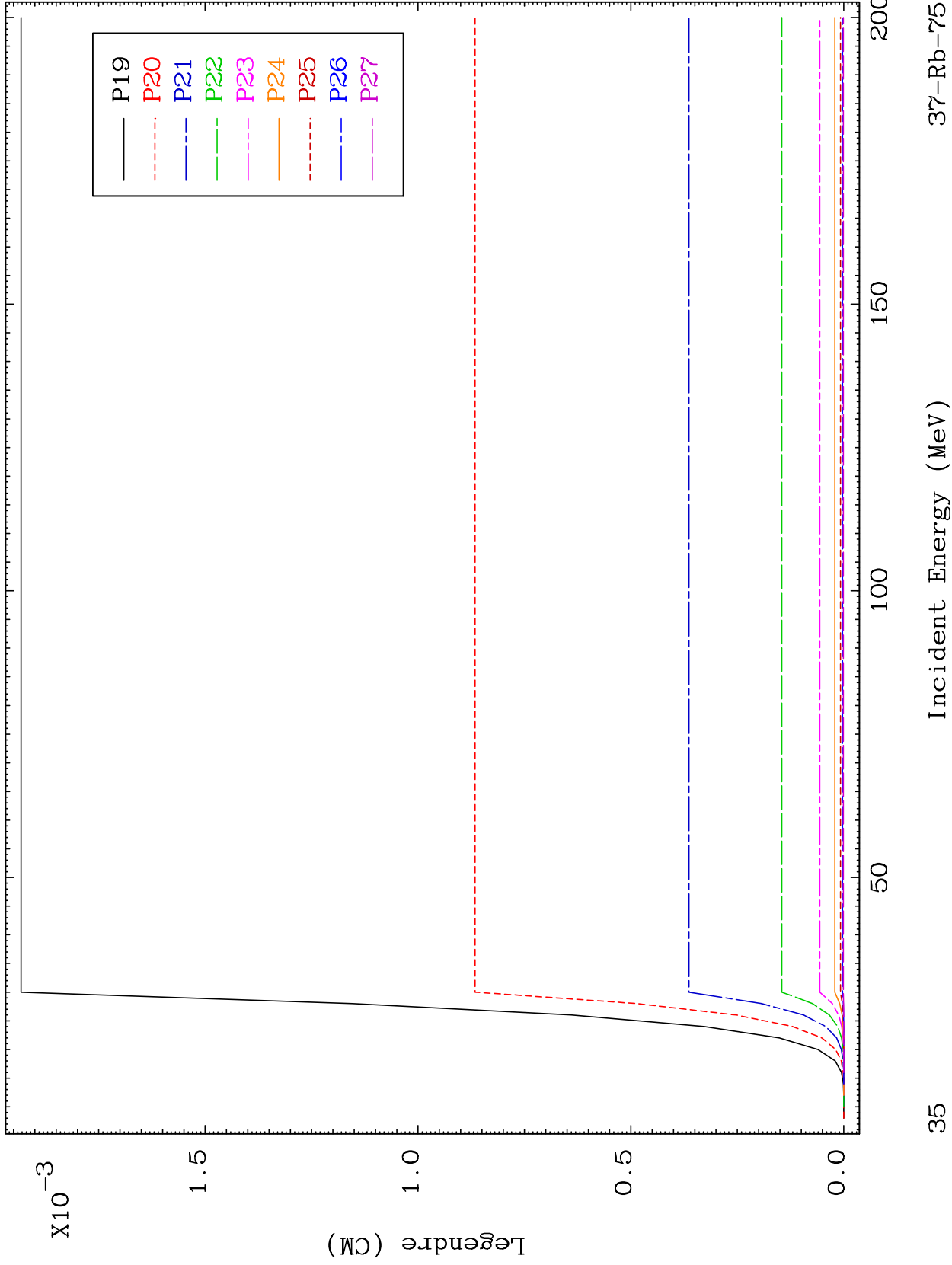
Incident Energy (MeV)

37-Rb-75

MAT 3695

542.1 keV (n, n') Level
Legendre Coefficients

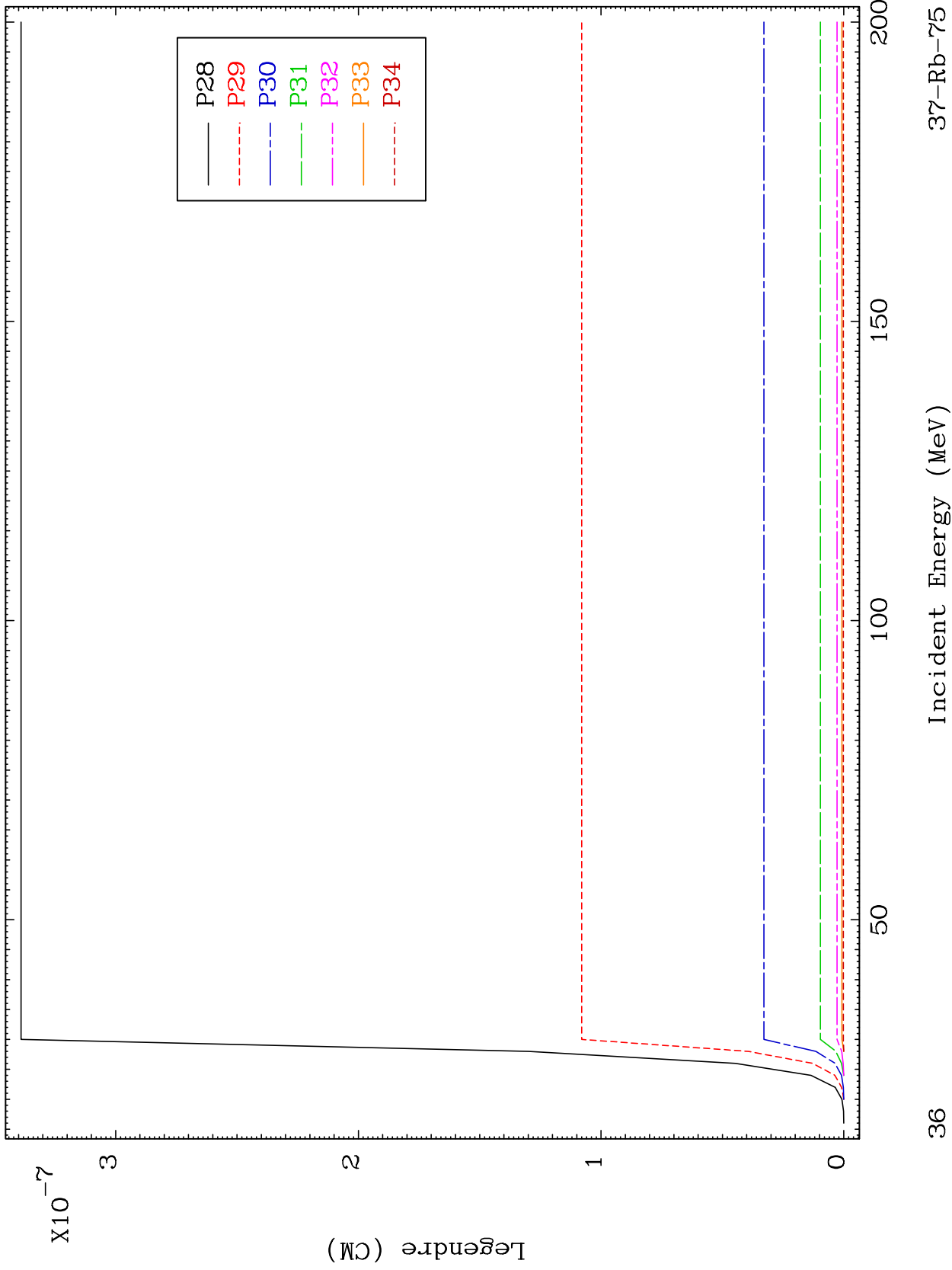
37-Rb-75



MAT 3695

542.1 keV (n,n') Level
Legendre Coefficients

37-Rb-75



36

Incident Energy (MeV)

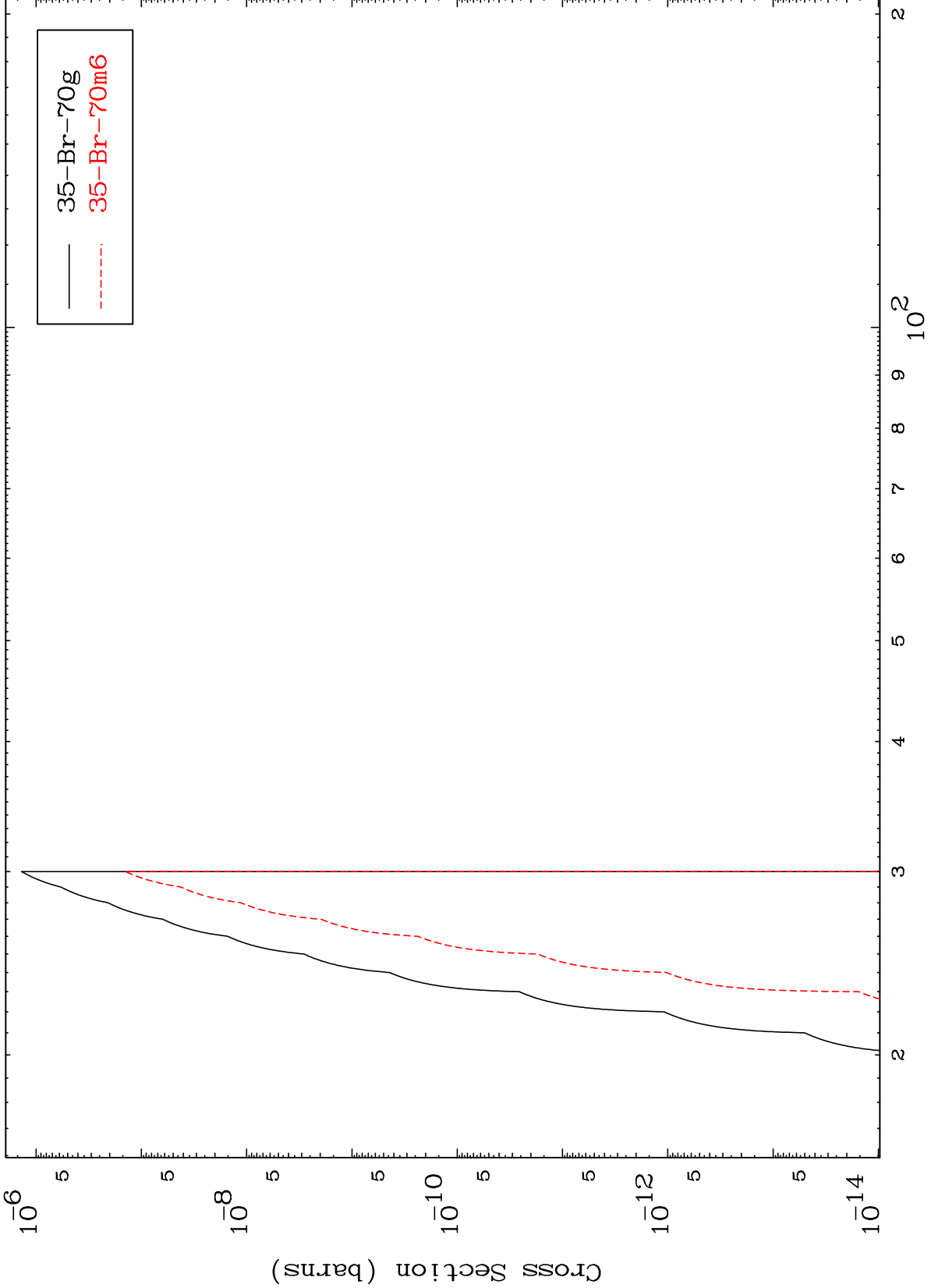
37-Rb-75

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$(n,2n) \alpha$

37-Rb-75

Radionuclide Production Cross Section



37

Incident Energy (MeV)

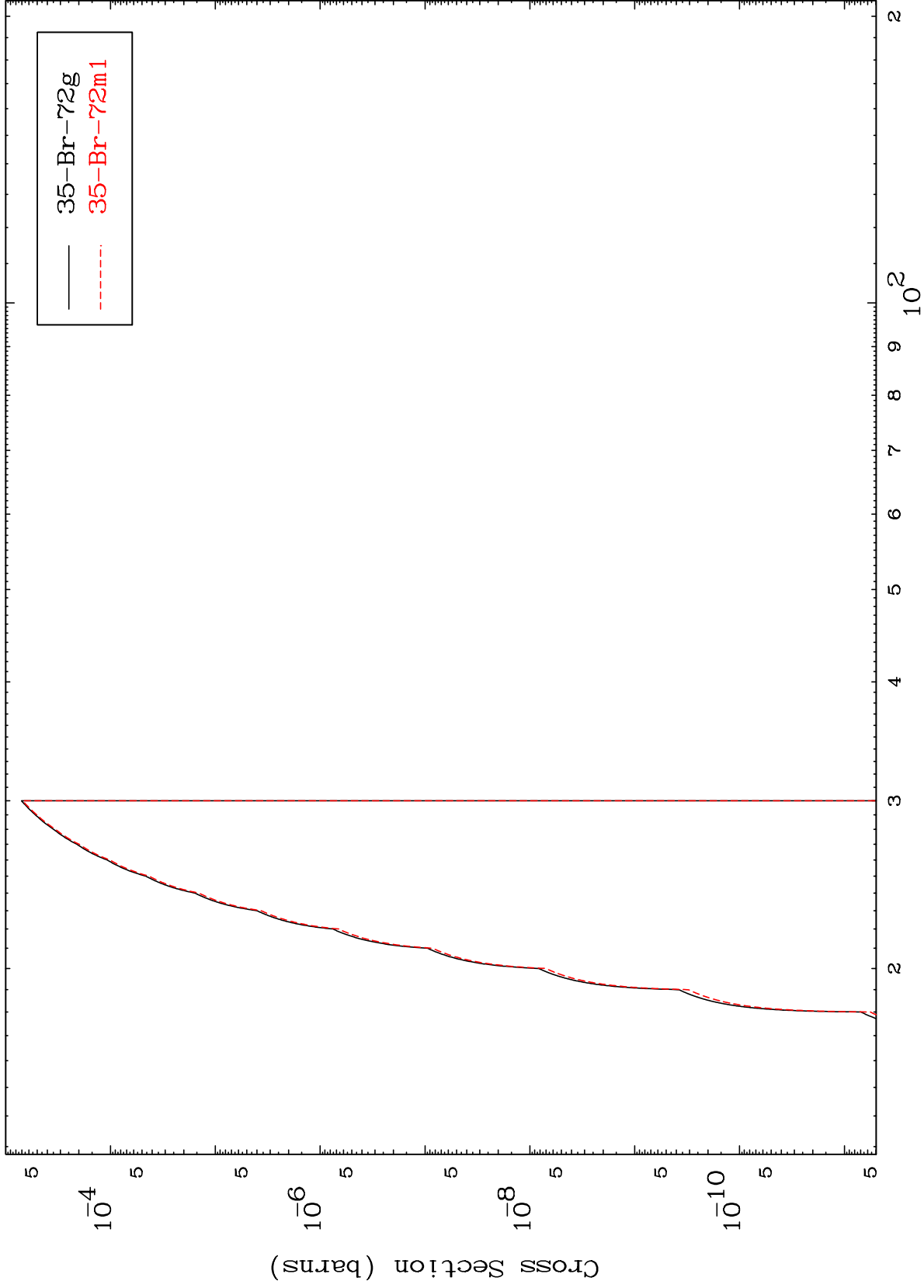
37-Rb-75

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(n,n') He-3

37-Rb-75

Radionuclide Production Cross Section



38

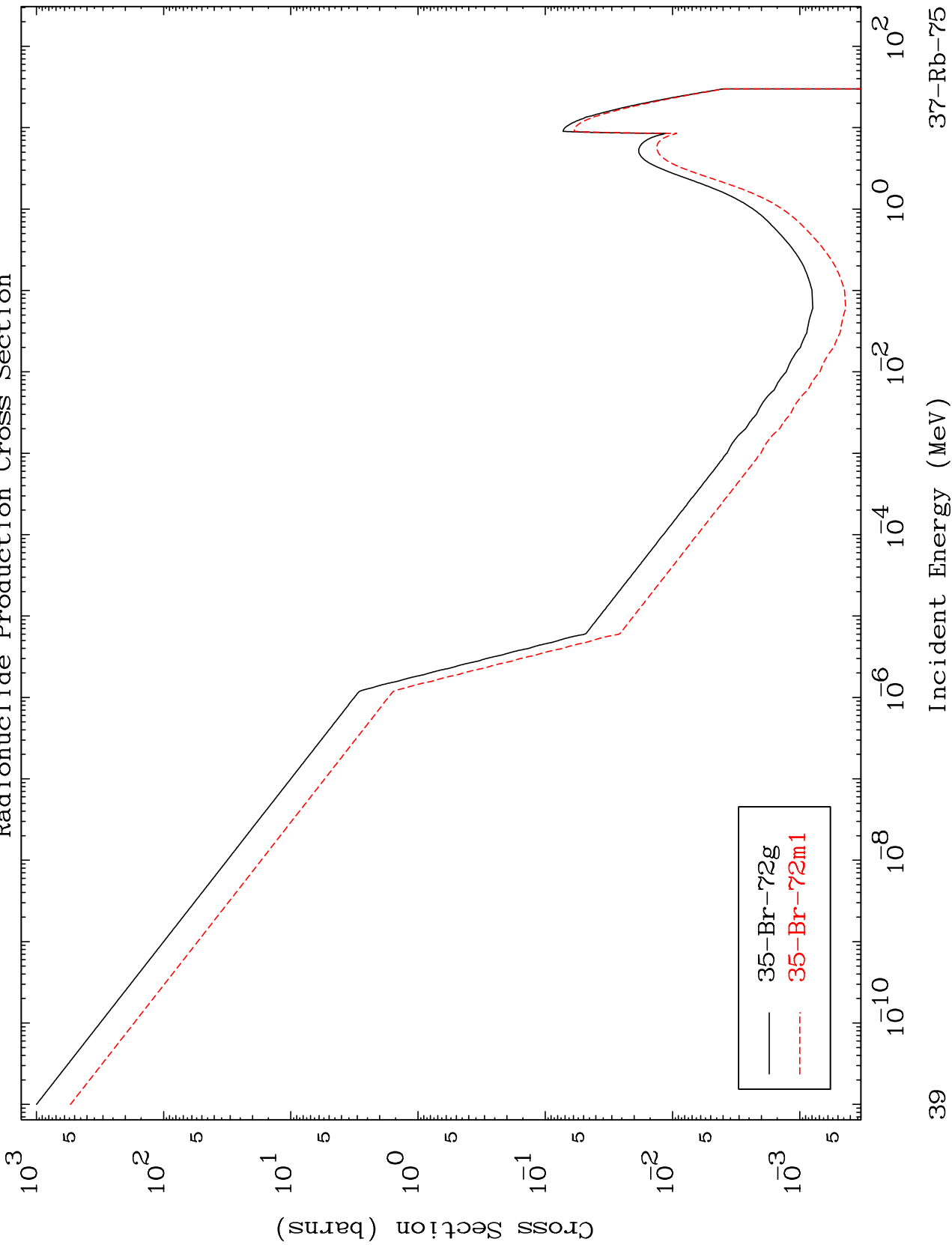
Incident Energy (MeV)

37-Rb-75

MAT 3695

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

Radionuclide Production Cross Section



Incident Energy (MeV)

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

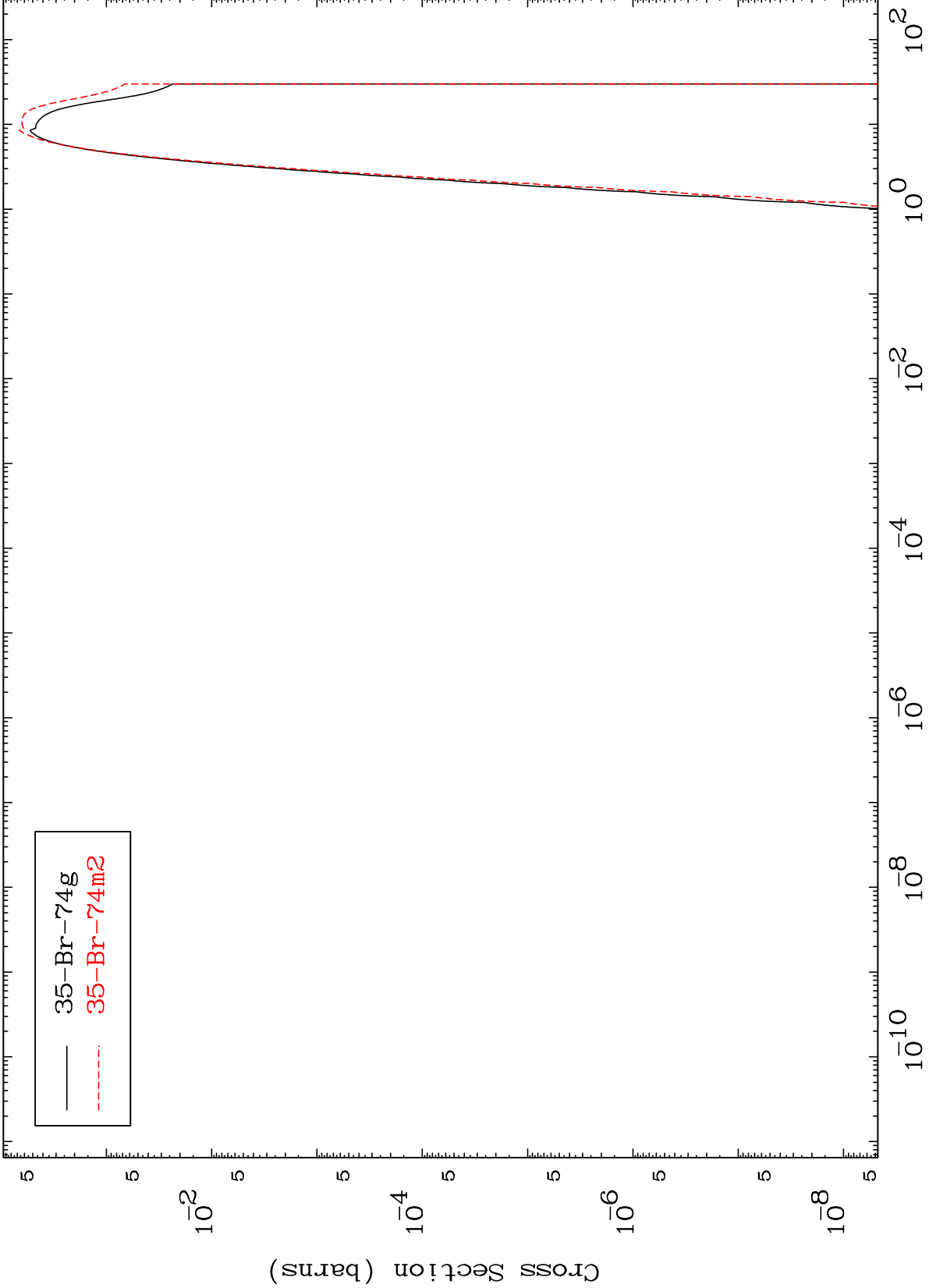
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(n,2p)

³⁷Rb-75

Radionuclide Production Cross Section



40

Incident Energy (MeV)

³⁷Rb-75

Radionuclide Production Cross Section

