

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

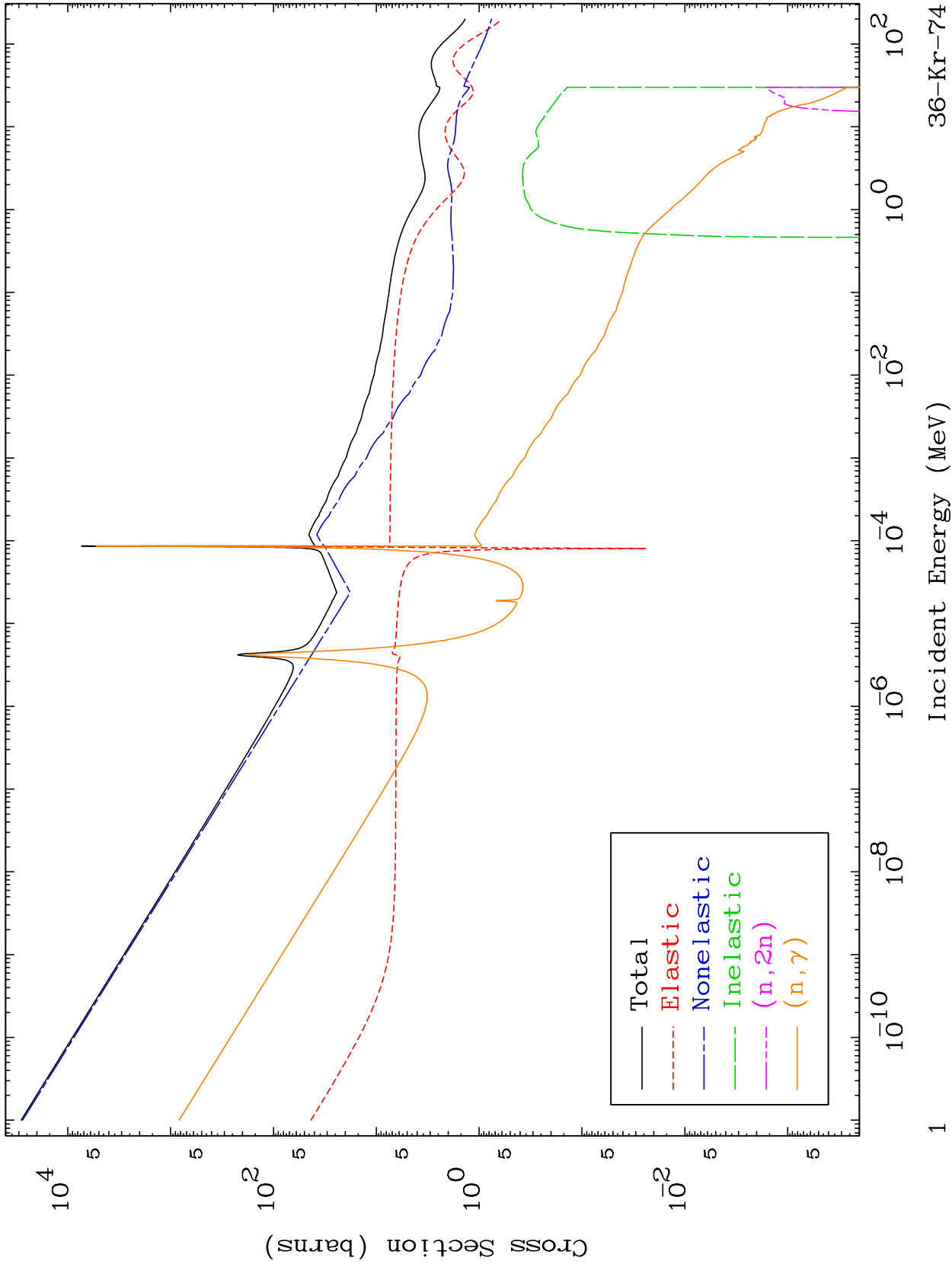
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

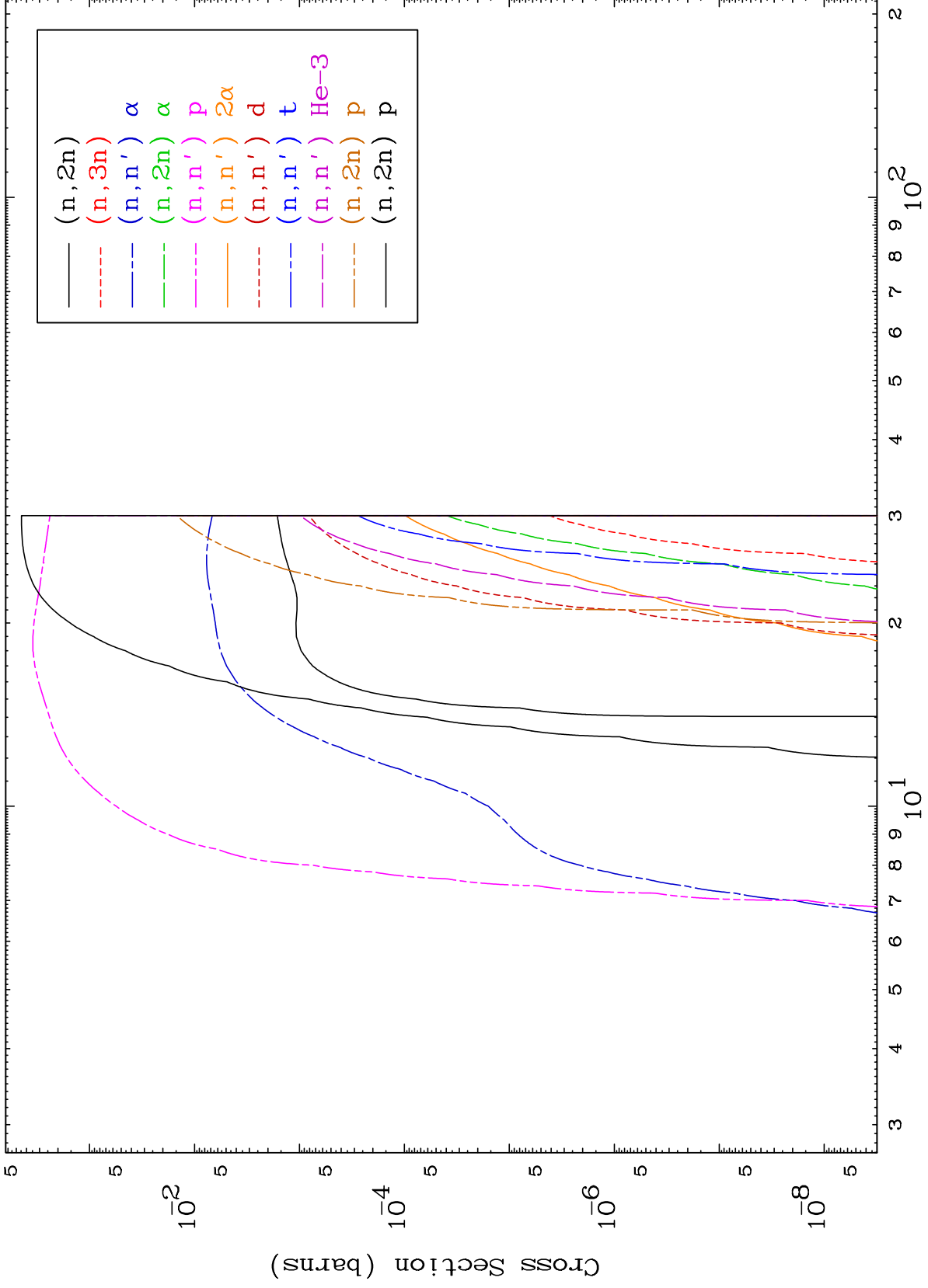
MAT 3613

Neutron Major
293 Kelvin Cross Sections

36-Kr-74



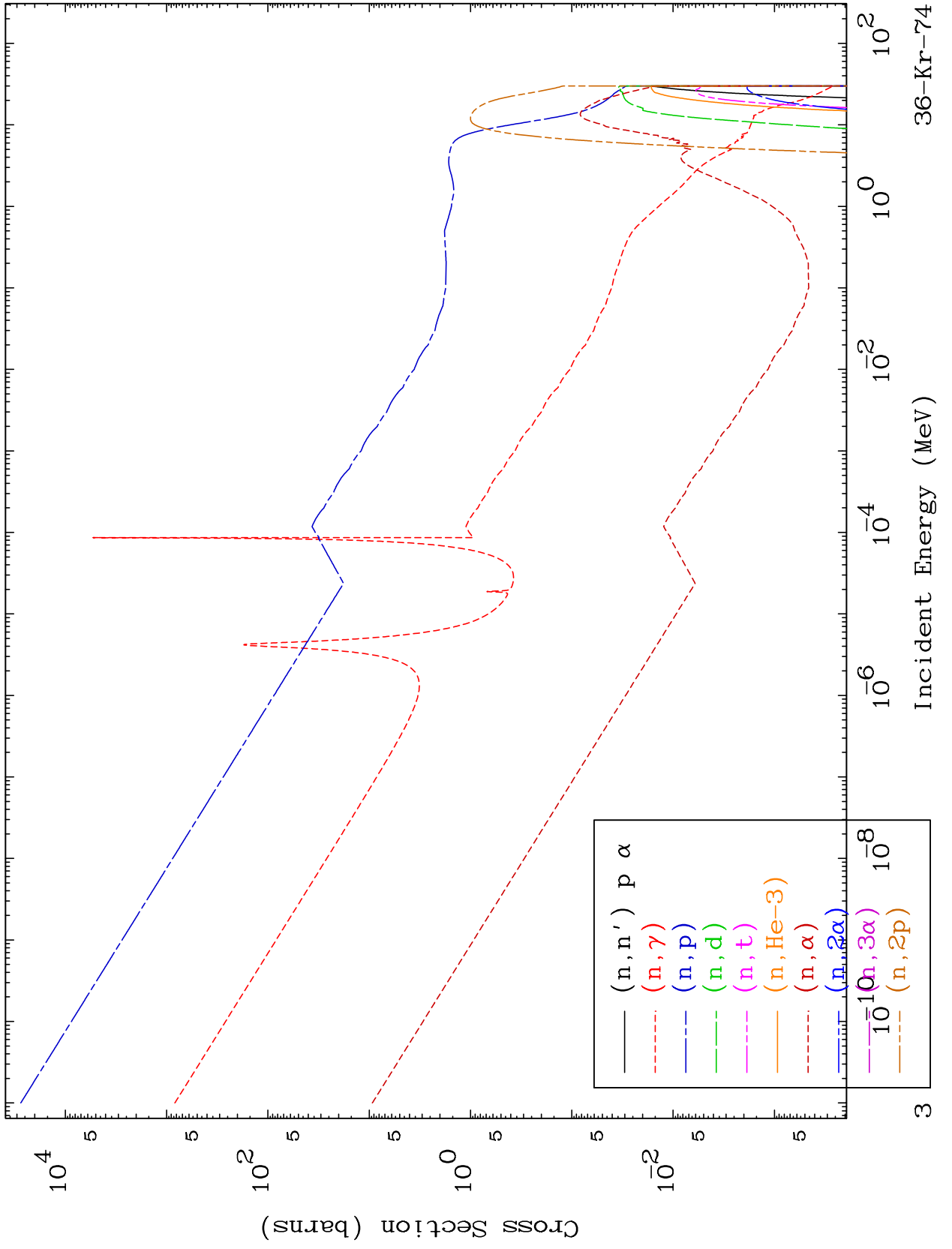
Neutron Absorption
293 Kelvin Cross Sections



MAT 3613

Neutron Absorption
293 Kelvin Cross Sections

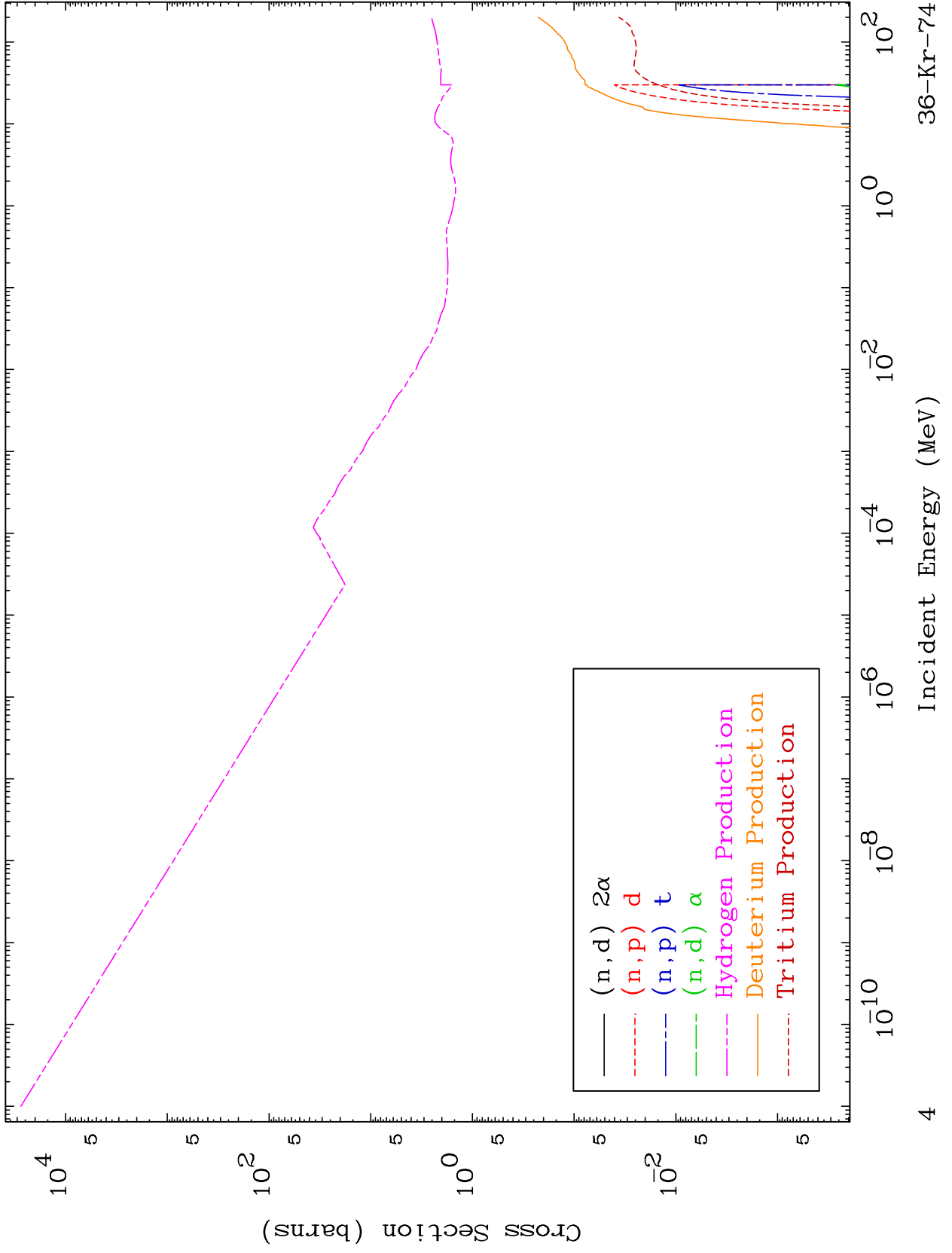
36-Kr-74



MAT 3613

Neutron Absorption
293 Kelvin Cross Sections

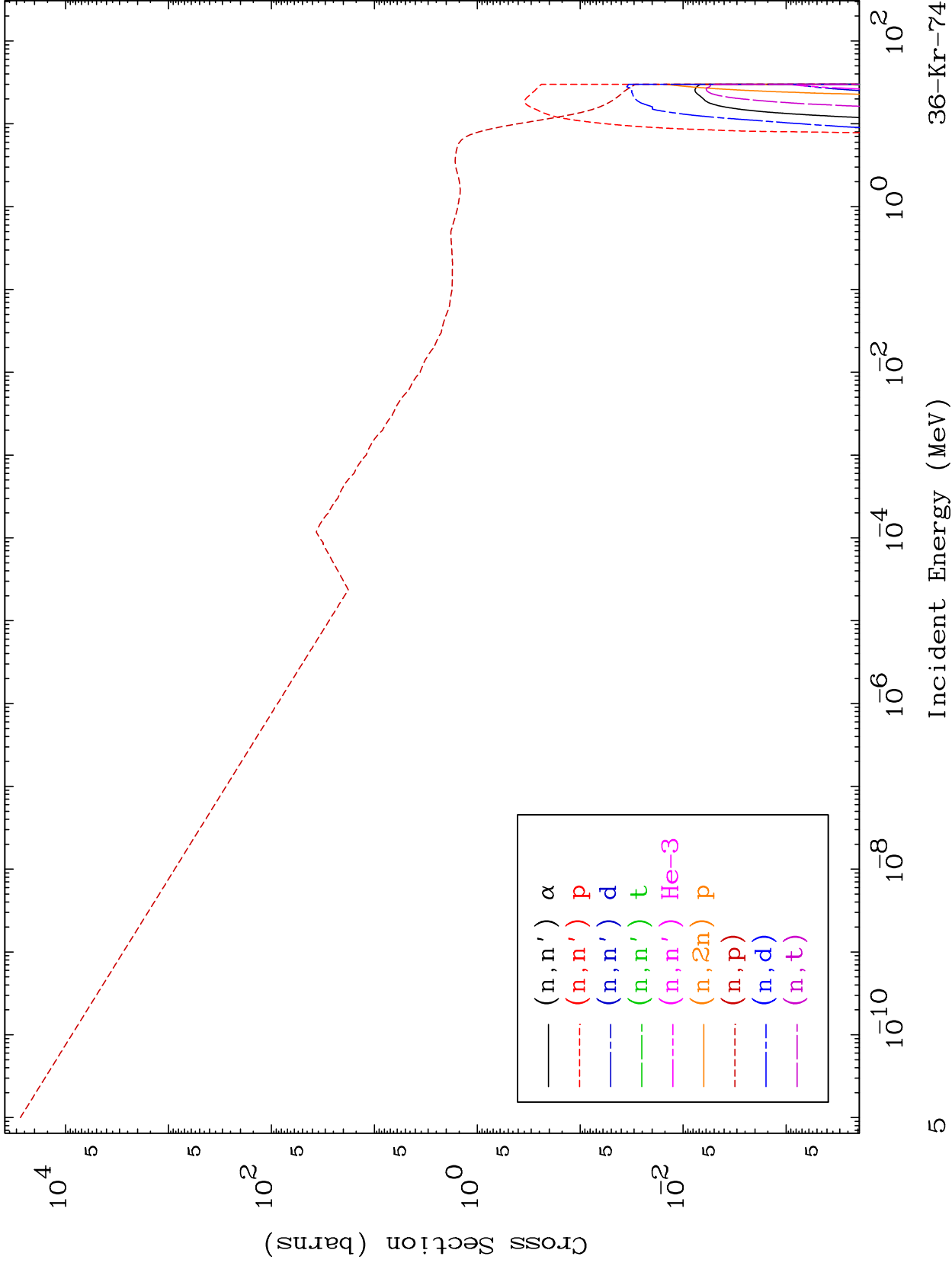
36-Kr-74



MAT 3613

Charged Particle
293 Kelvin Cross Sections

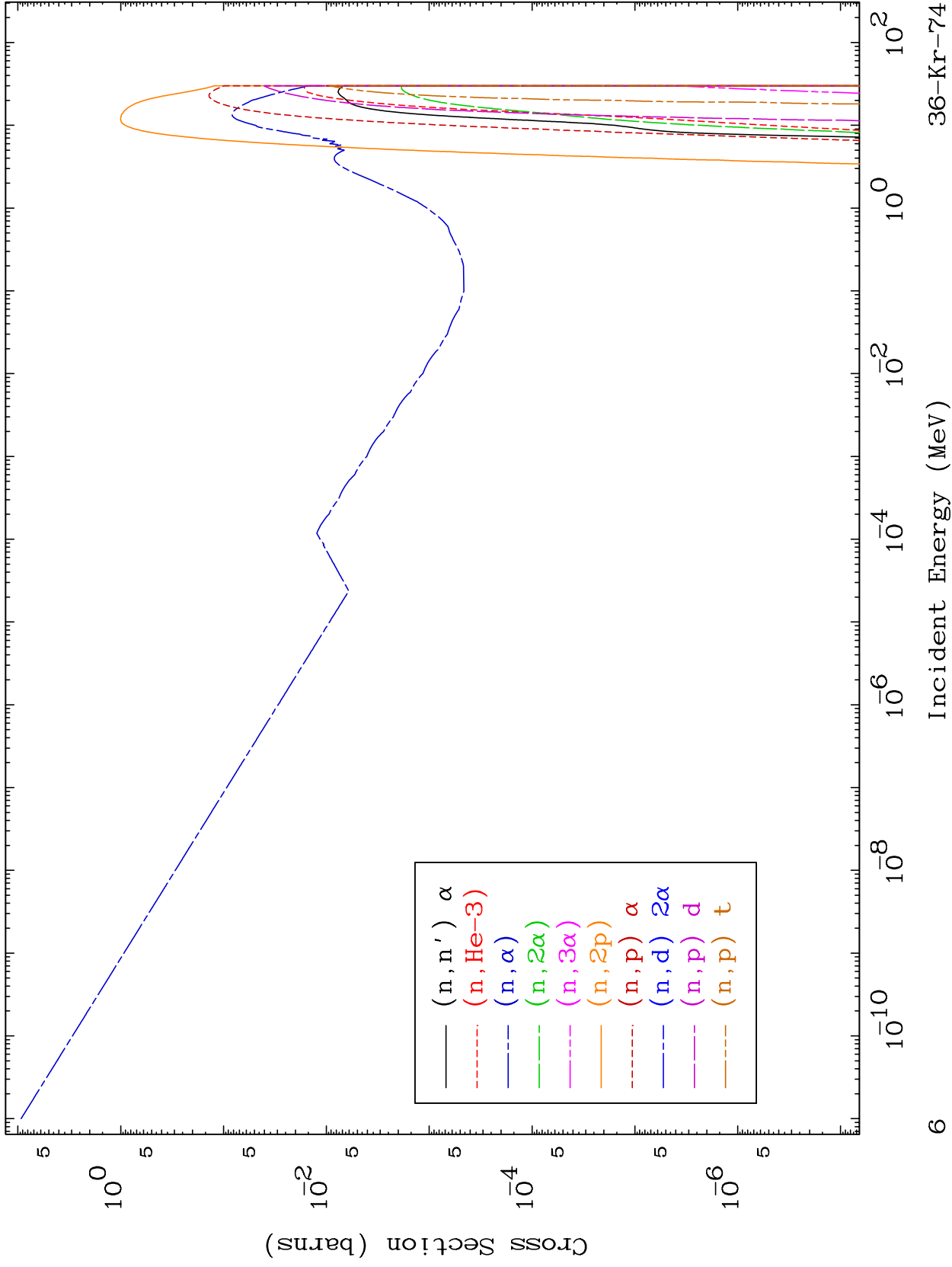
36-Kr-74



MAT 3613

Charged Particle
293 Kelvin Cross Sections

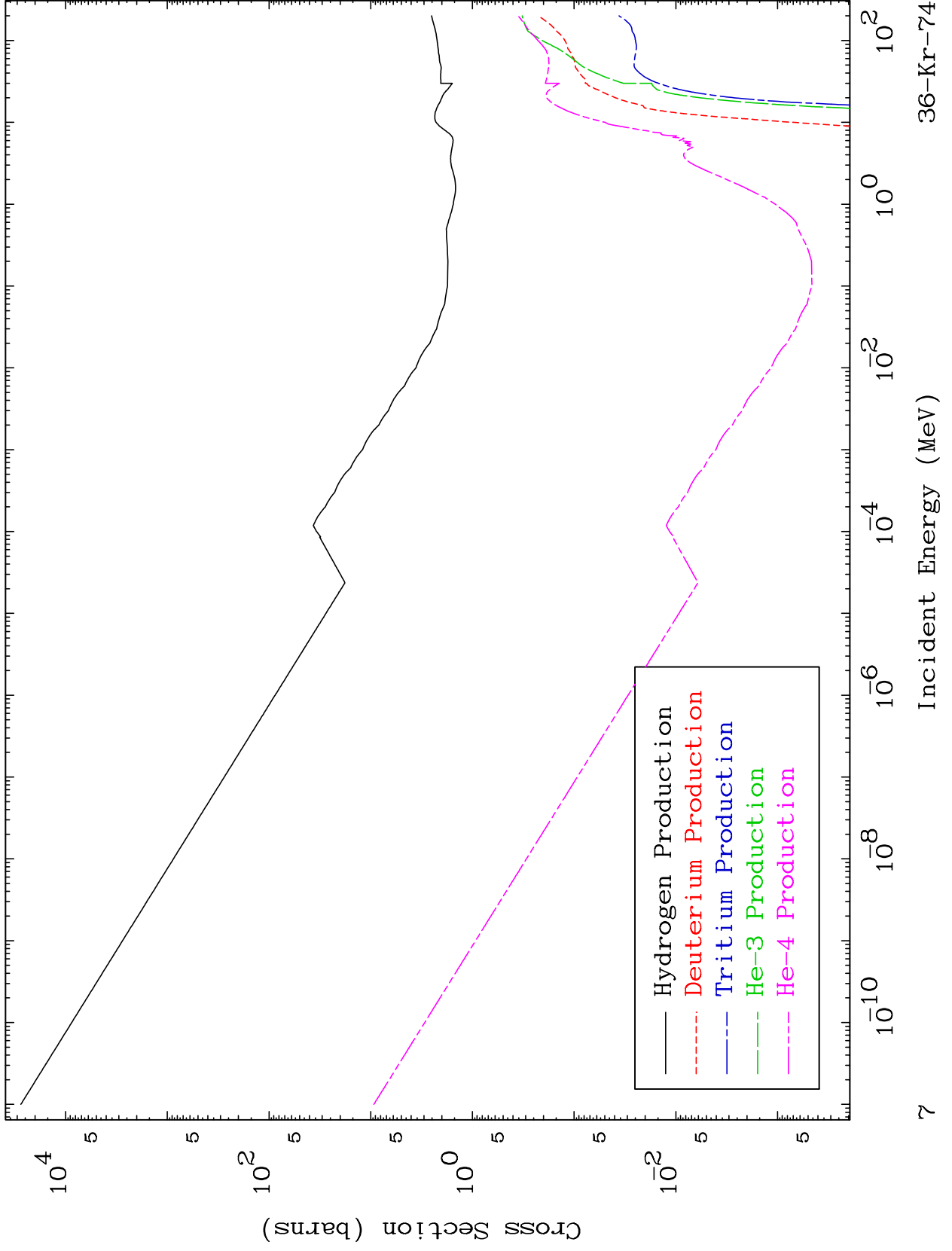
36-Kr-74

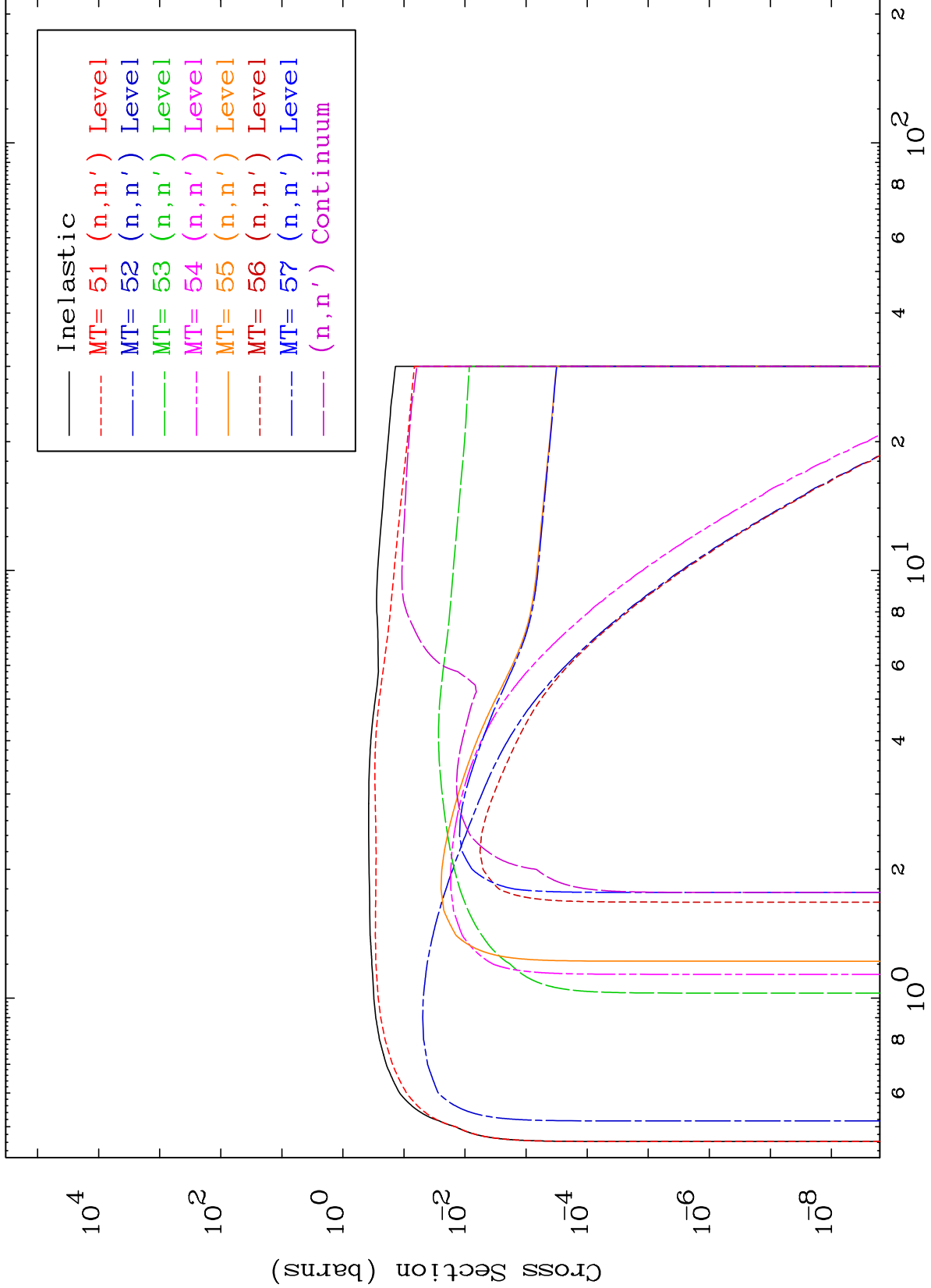


MAT 3613

Particle Production
293 Kelvin Cross Sections

36-Kr-74

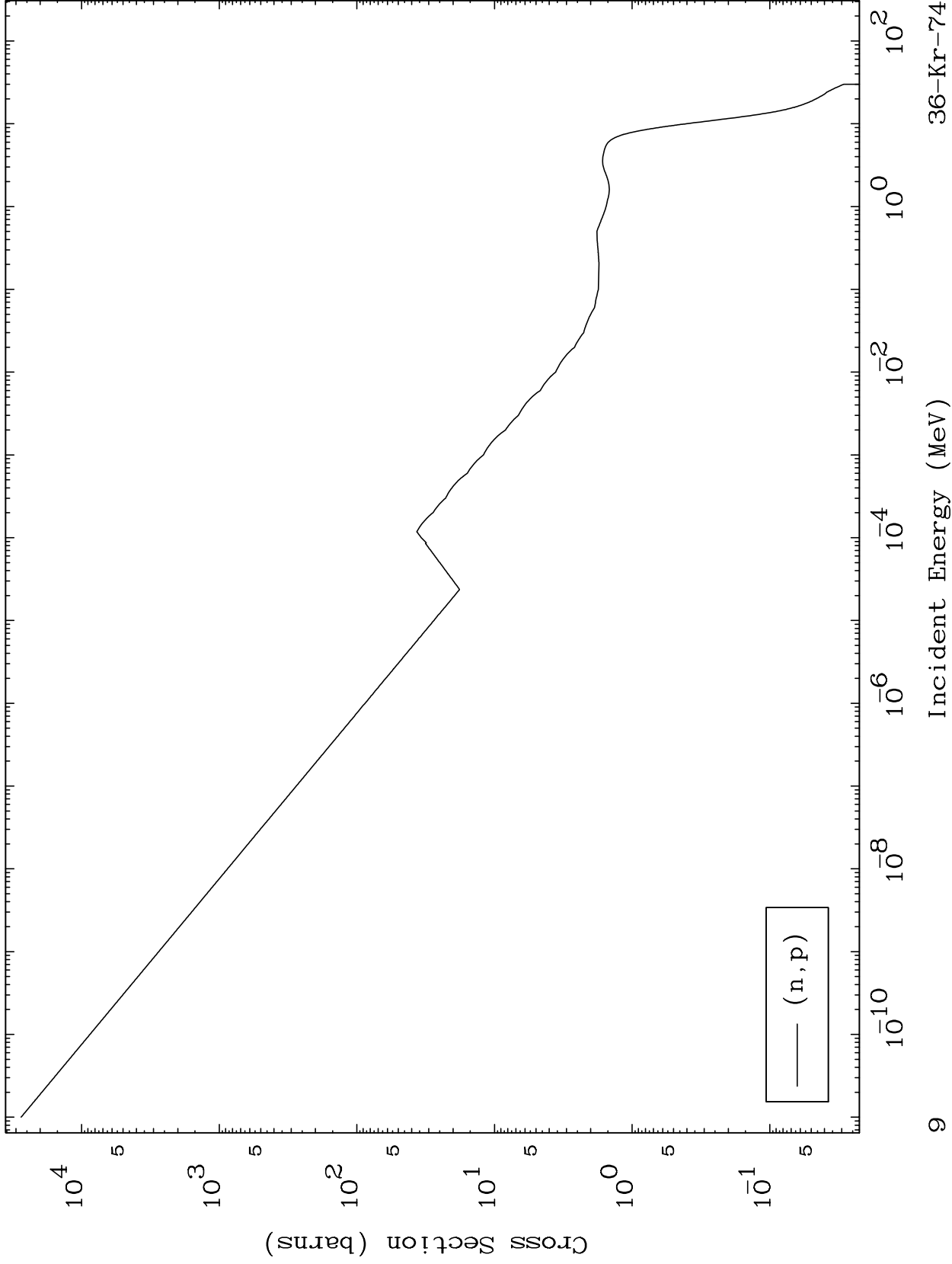




MAT 3613

(n,p) Levels
293 Kelvin Cross Sections

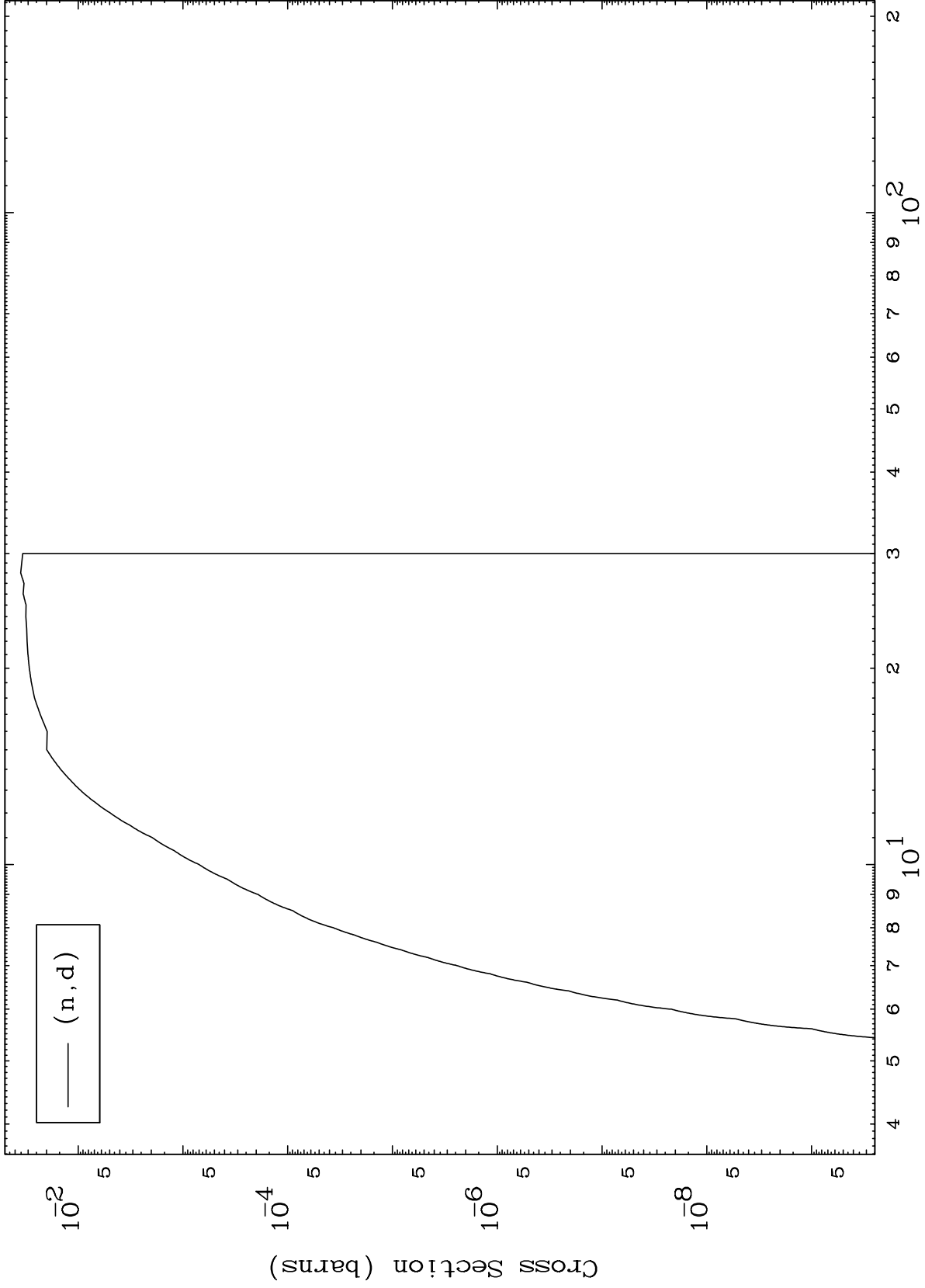
36-Kr-74



MAT 3613

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-74



10

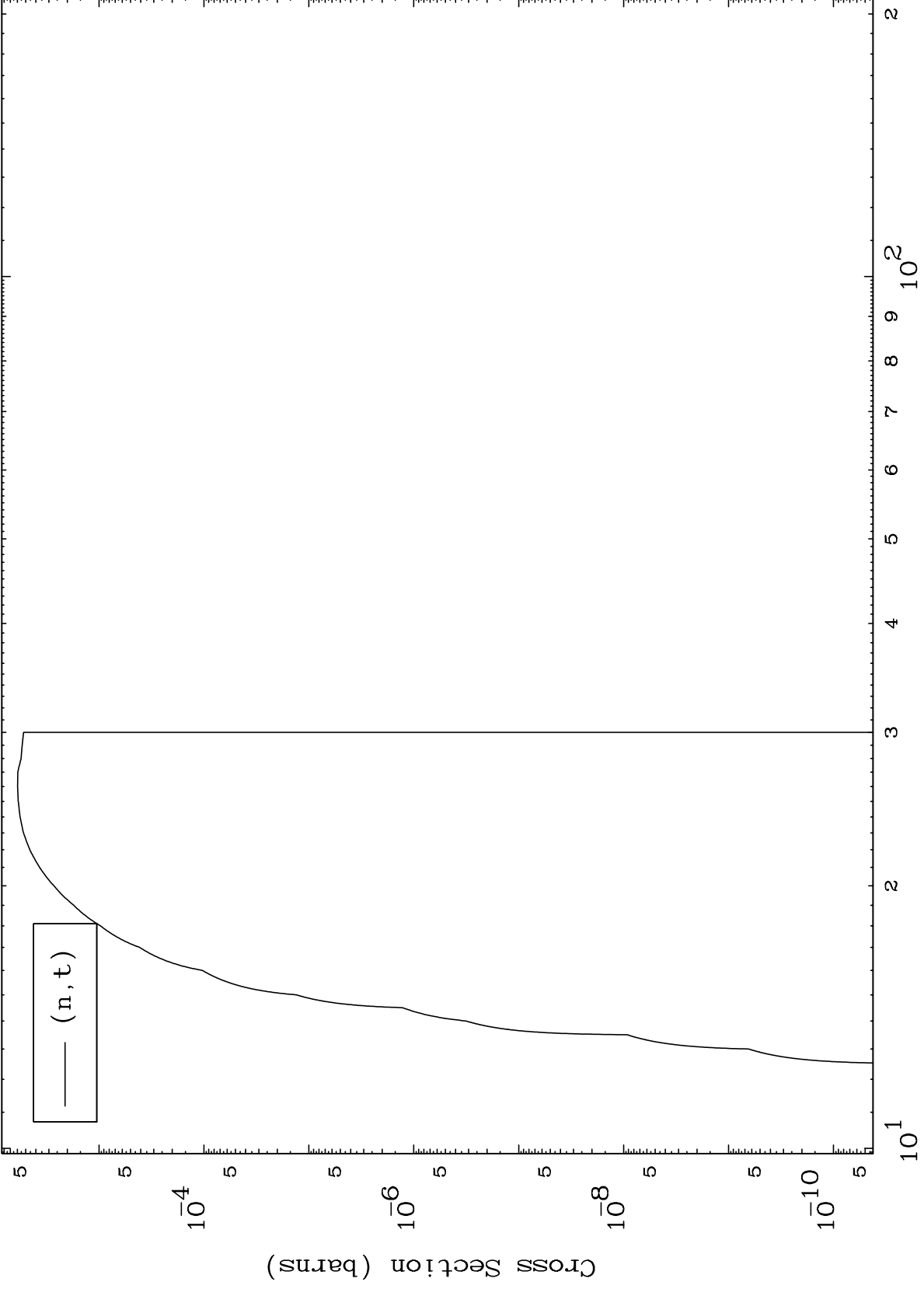
Incident Energy (MeV)

36-Kr-74

MAT 3613

(n,t) Levels
293 Kelvin Cross Sections

36-Kr-74



11

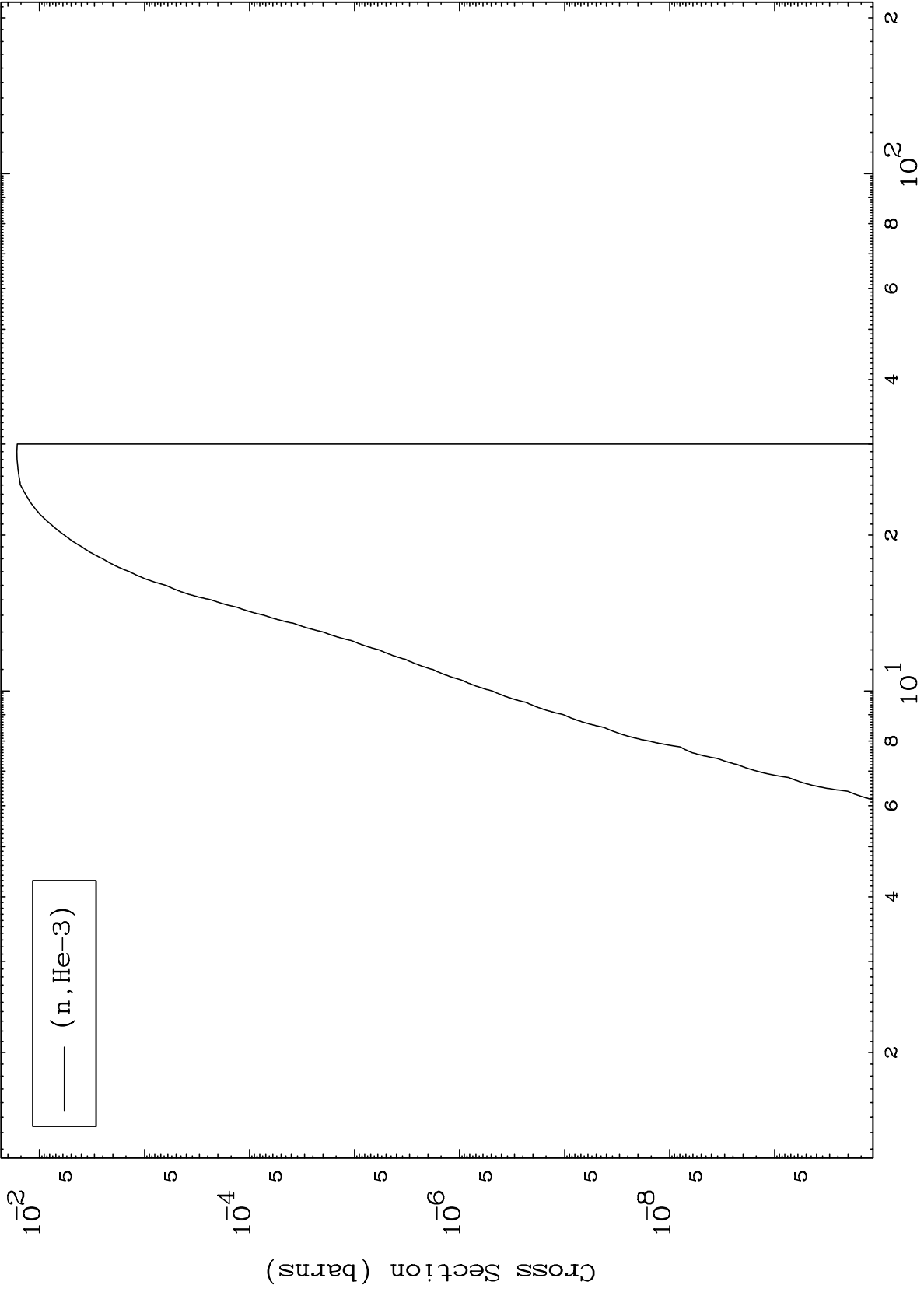
Incident Energy (MeV)

36-Kr-74

MAT 3613

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-74



12

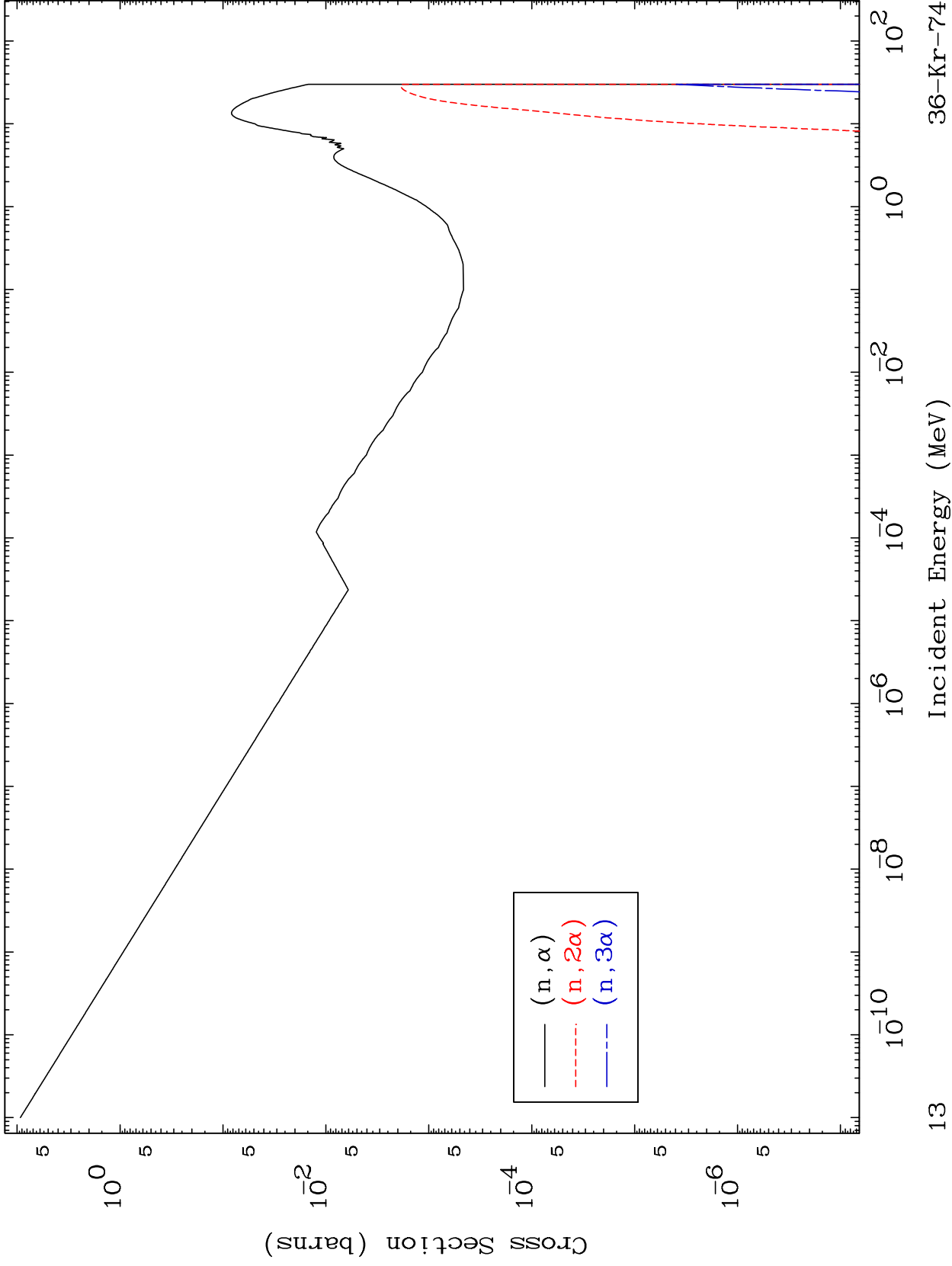
Incident Energy (MeV)

36-Kr-74

MAT 3613

(n,α) Levels
293 Kelvin Cross Sections

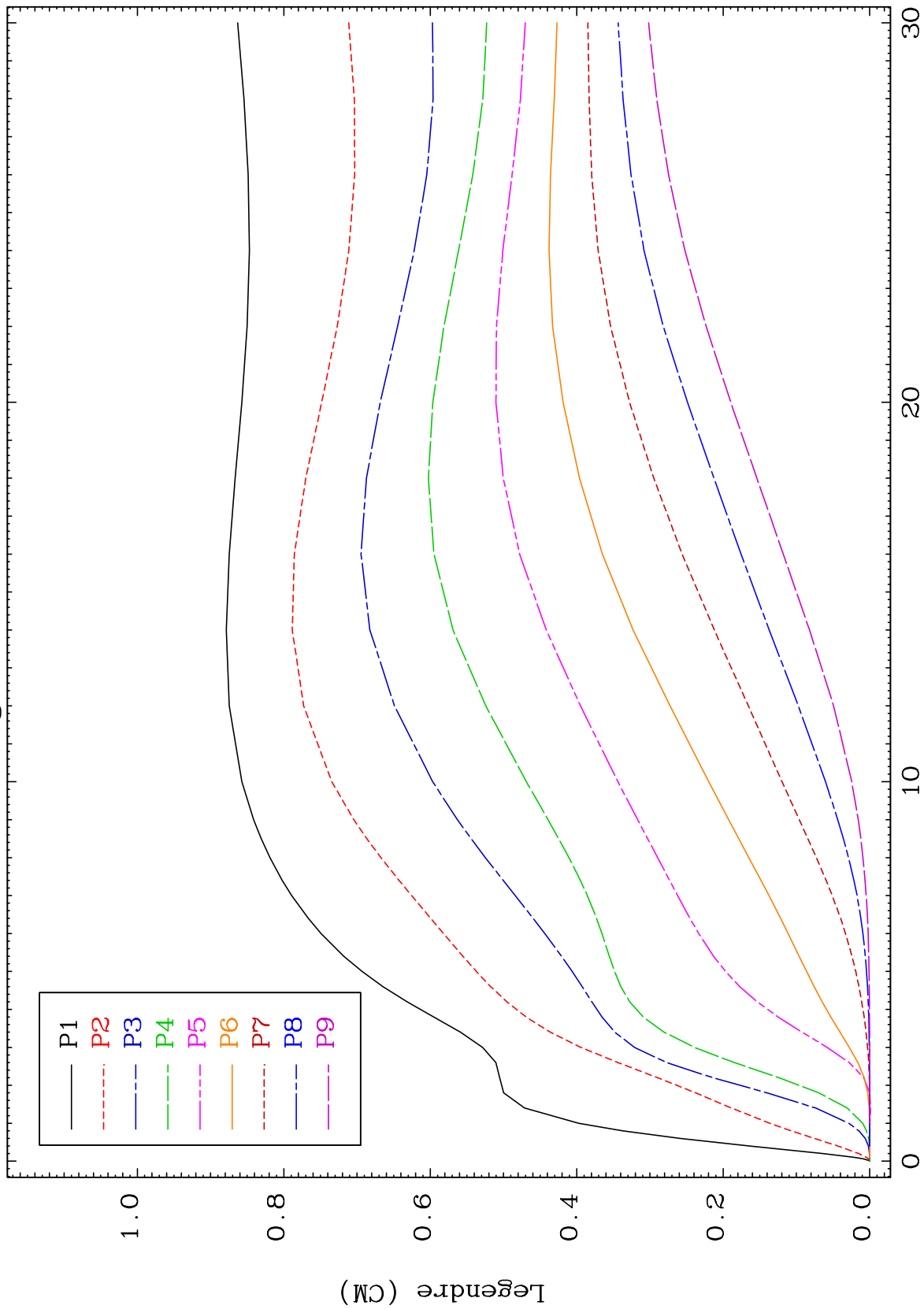
36-Kr-74



MAT 3613

Elastic Legendre Coefficients

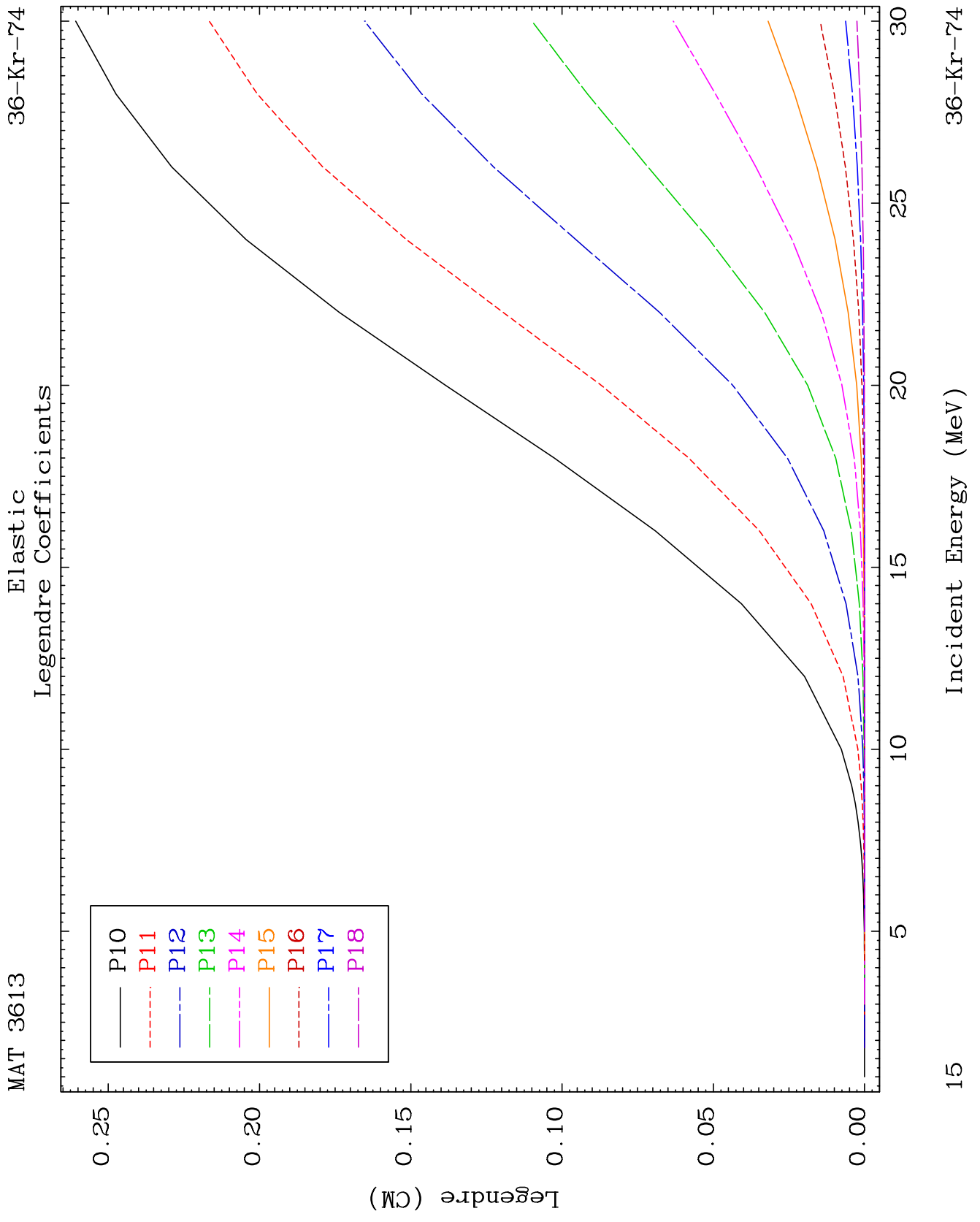
³⁶Kr-74



14

Incident Energy (MeV)

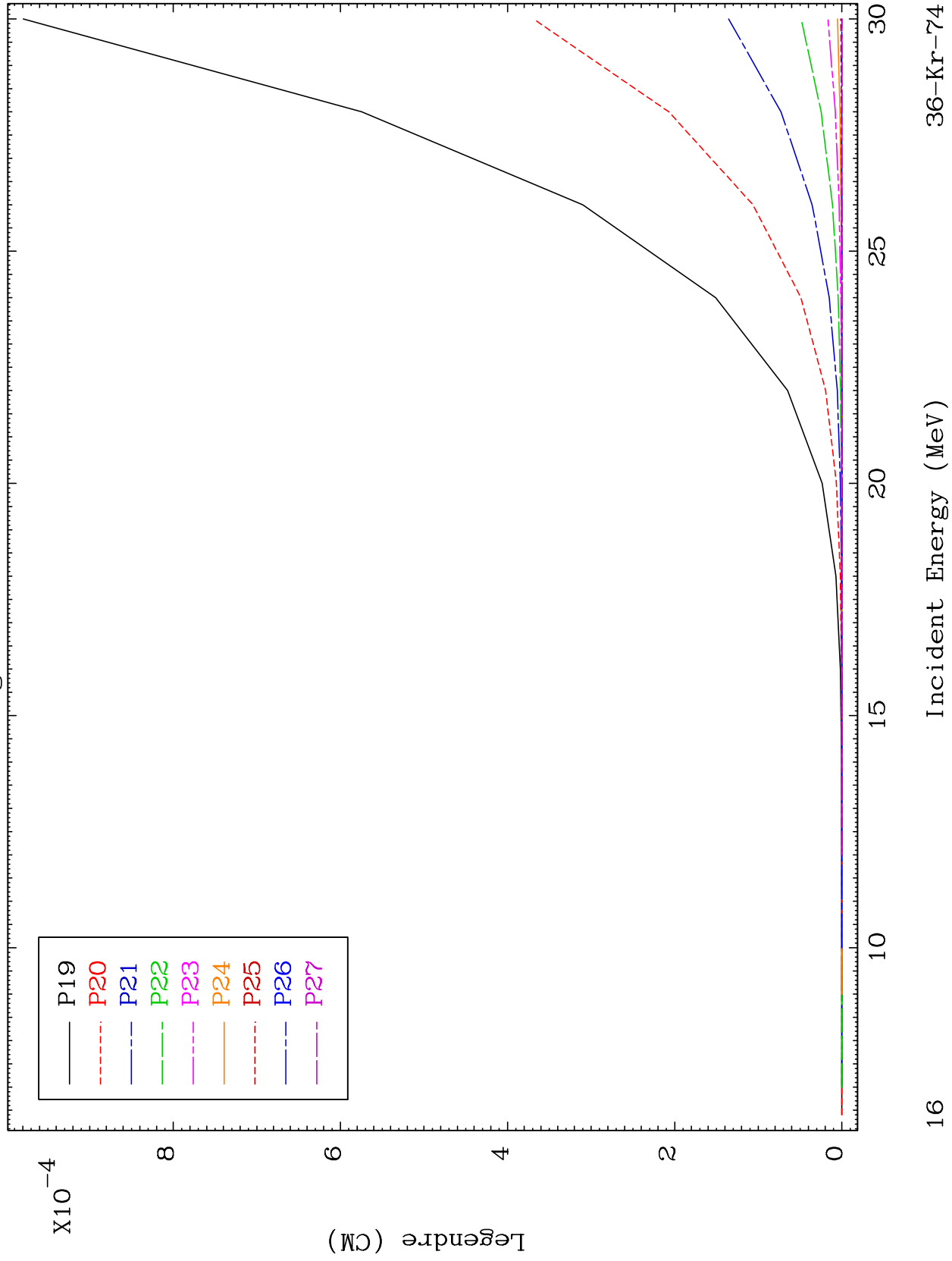
³⁶Kr-74



MAT 3613

Elastic Legendre Coefficients

³⁶Kr-74



16

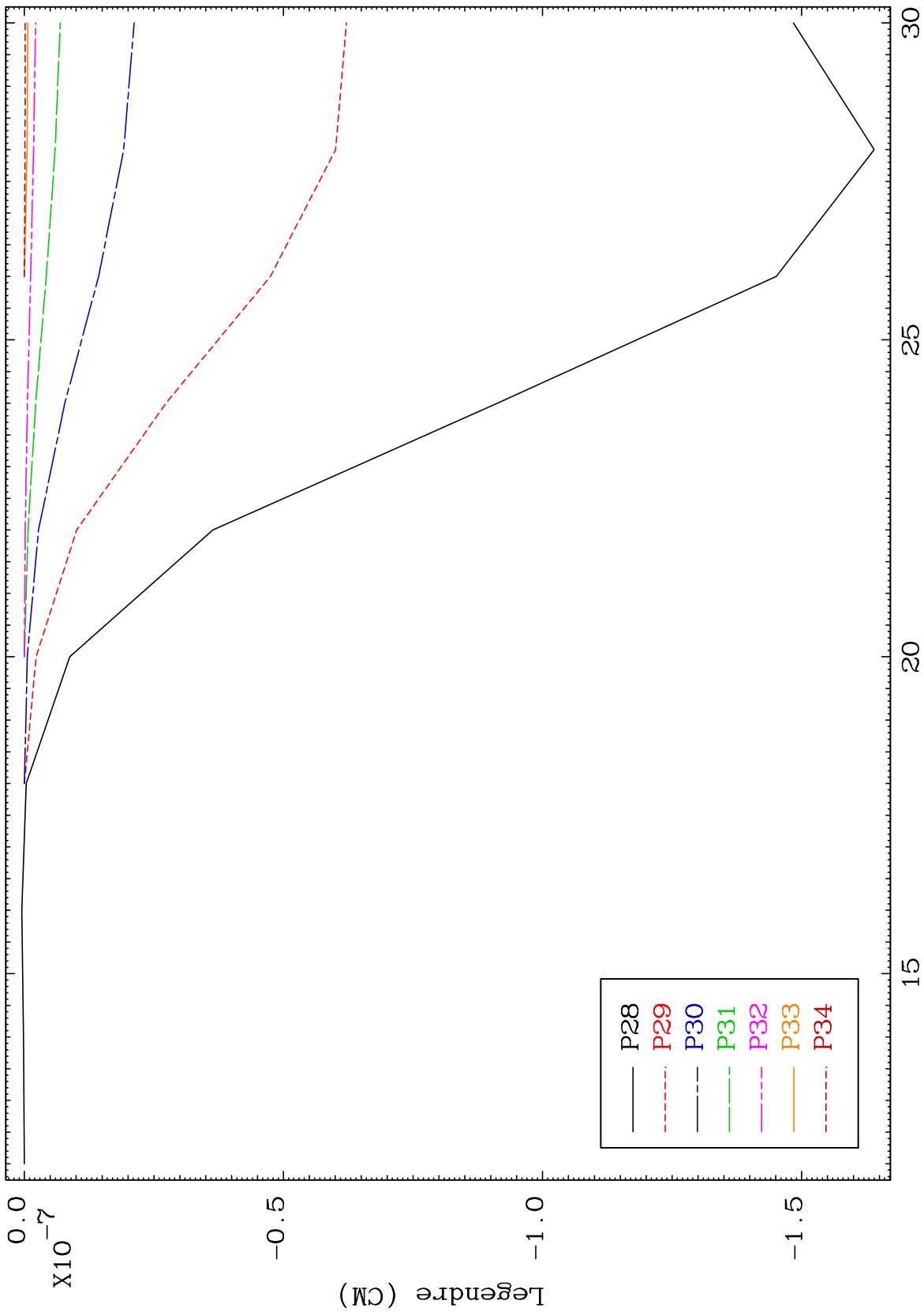
Incident Energy (MeV)

³⁶Kr-74

MAT 3613

36-Kr-74

Elastic Legendre Coefficients

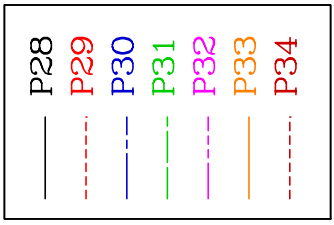


10^{-7}

Legendre (CM)

Incident Energy (MeV)

36-Kr-74

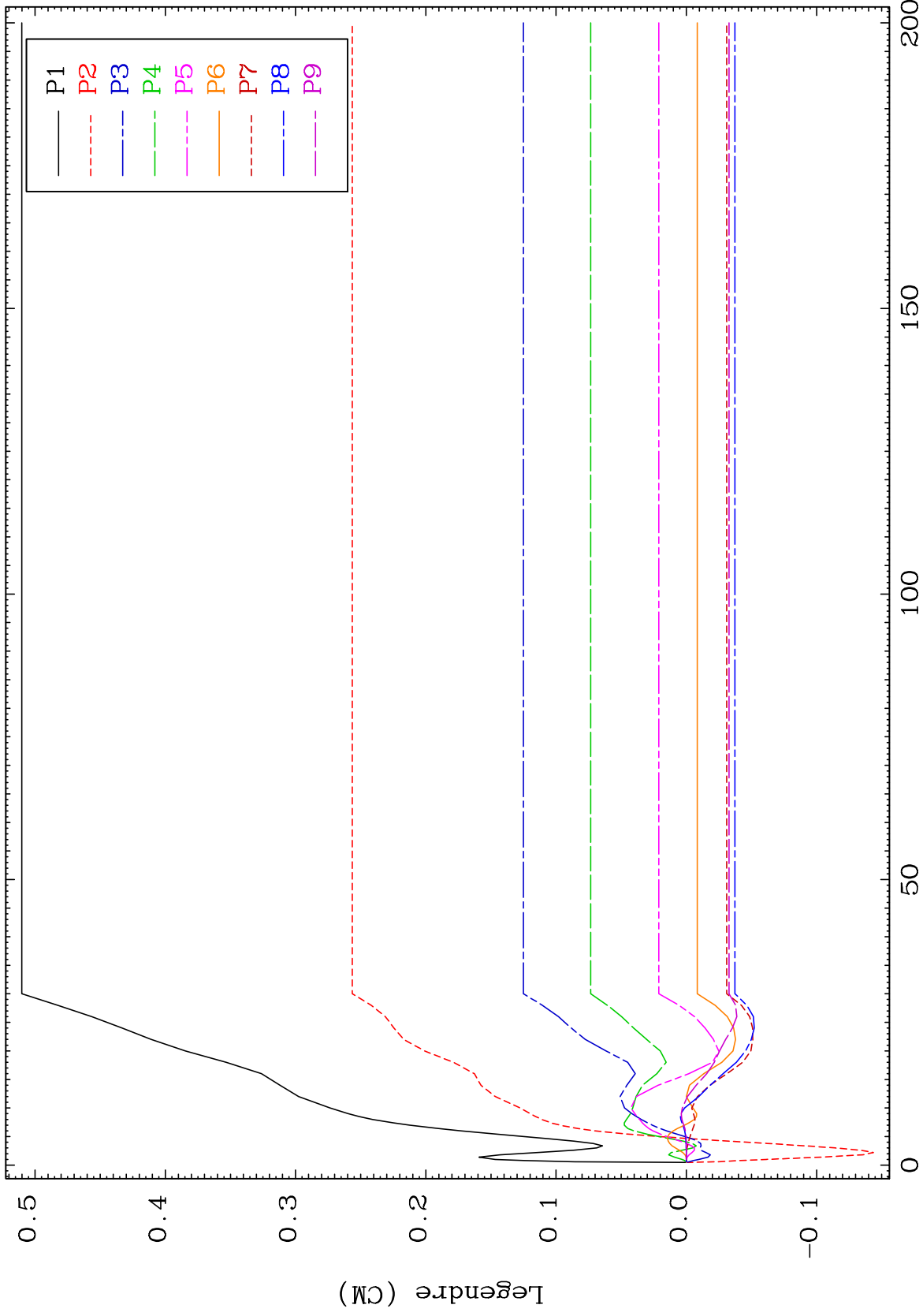


17

MAT 3613

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

36-Kr-74



18

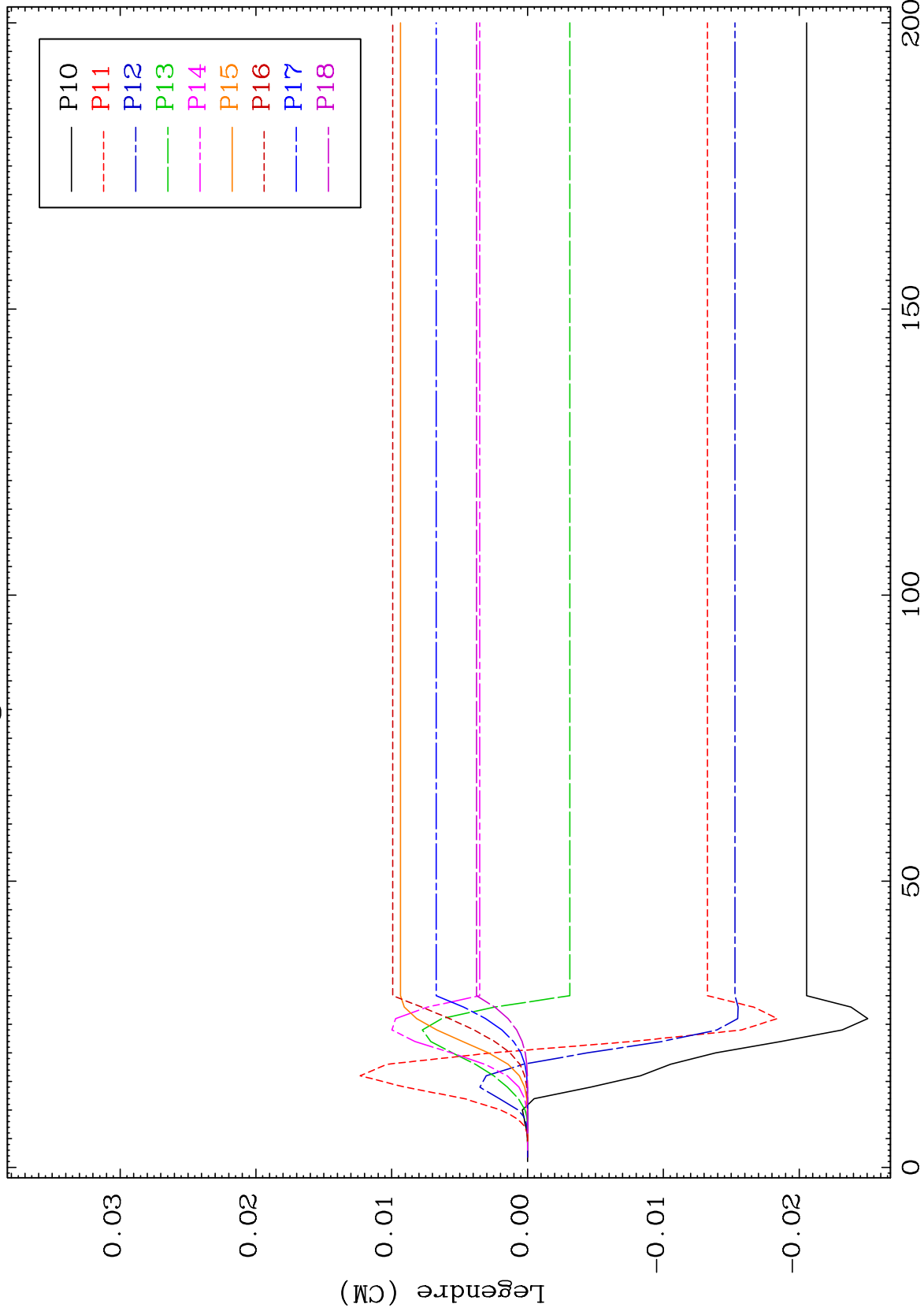
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

36-Kr-74



19

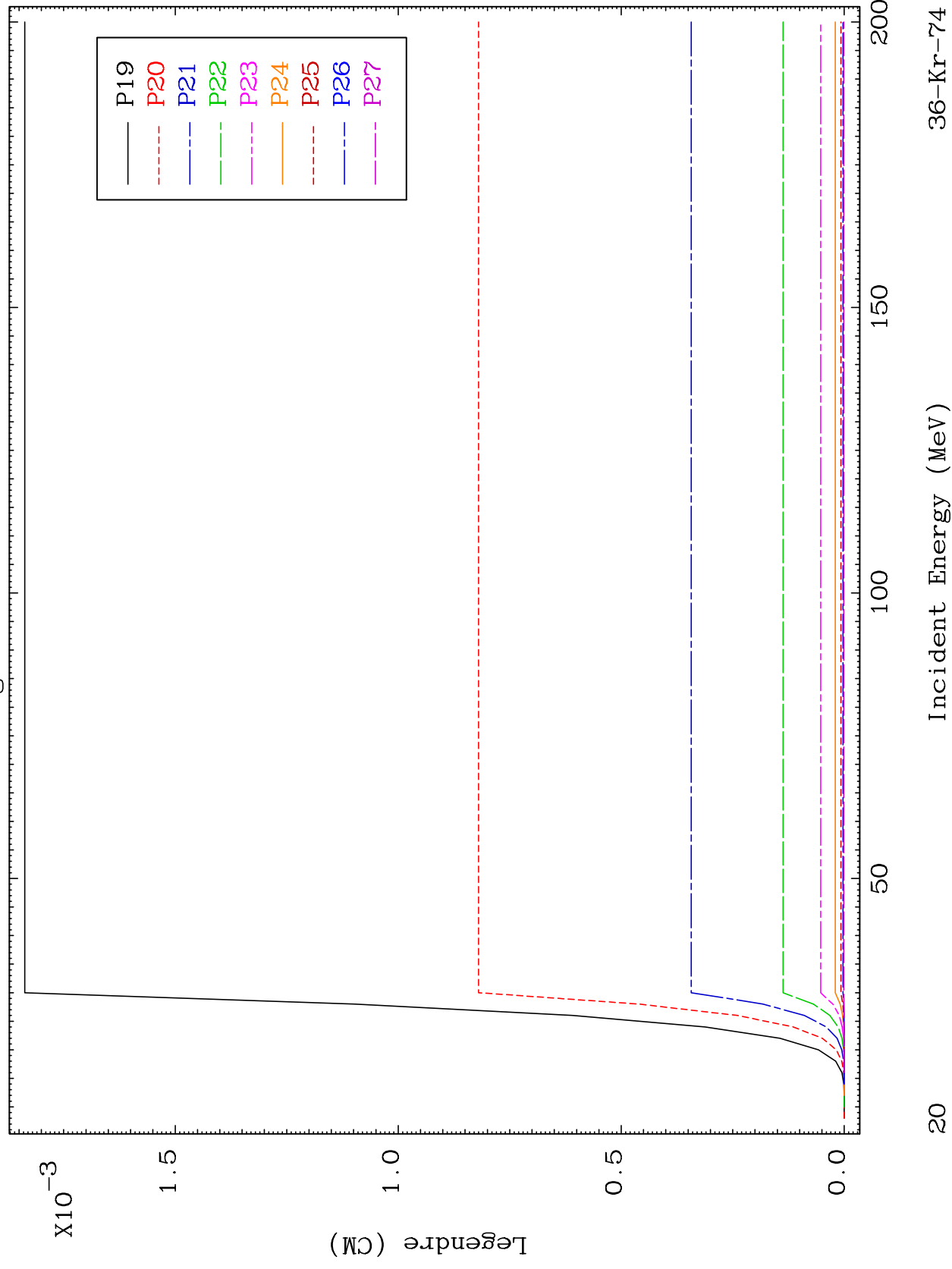
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

36-Kr-74



20

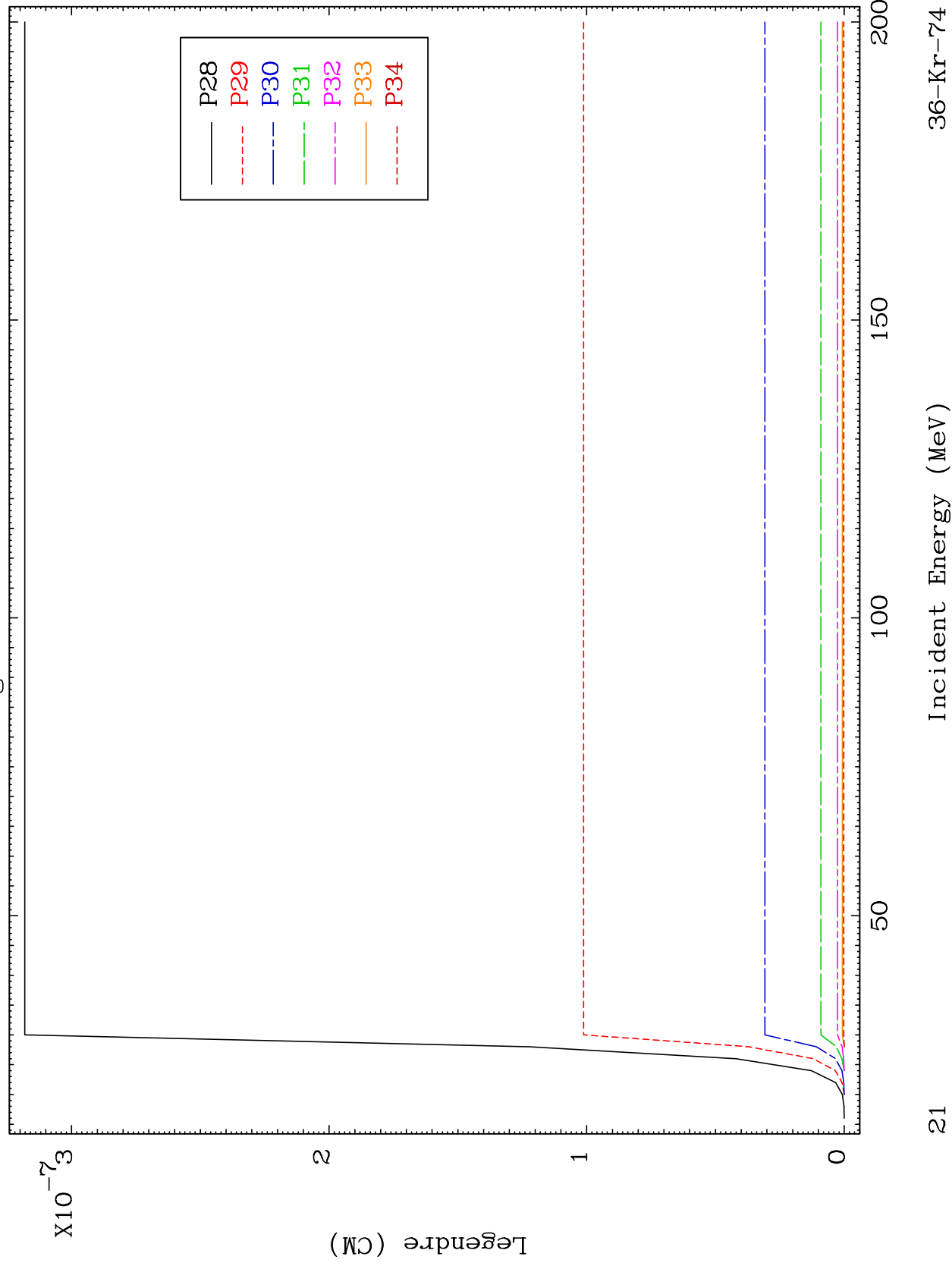
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

36-Kr-74



21

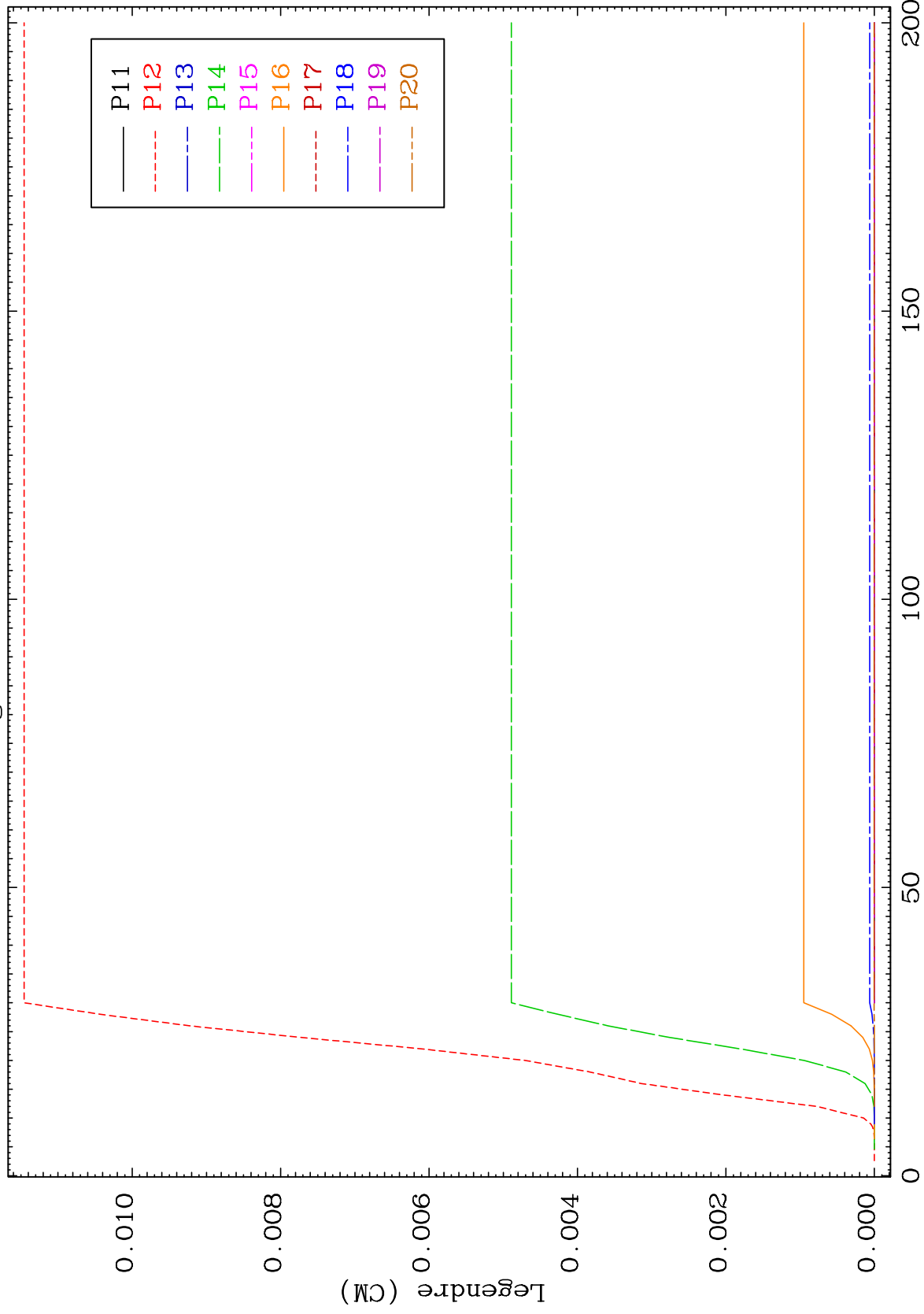
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

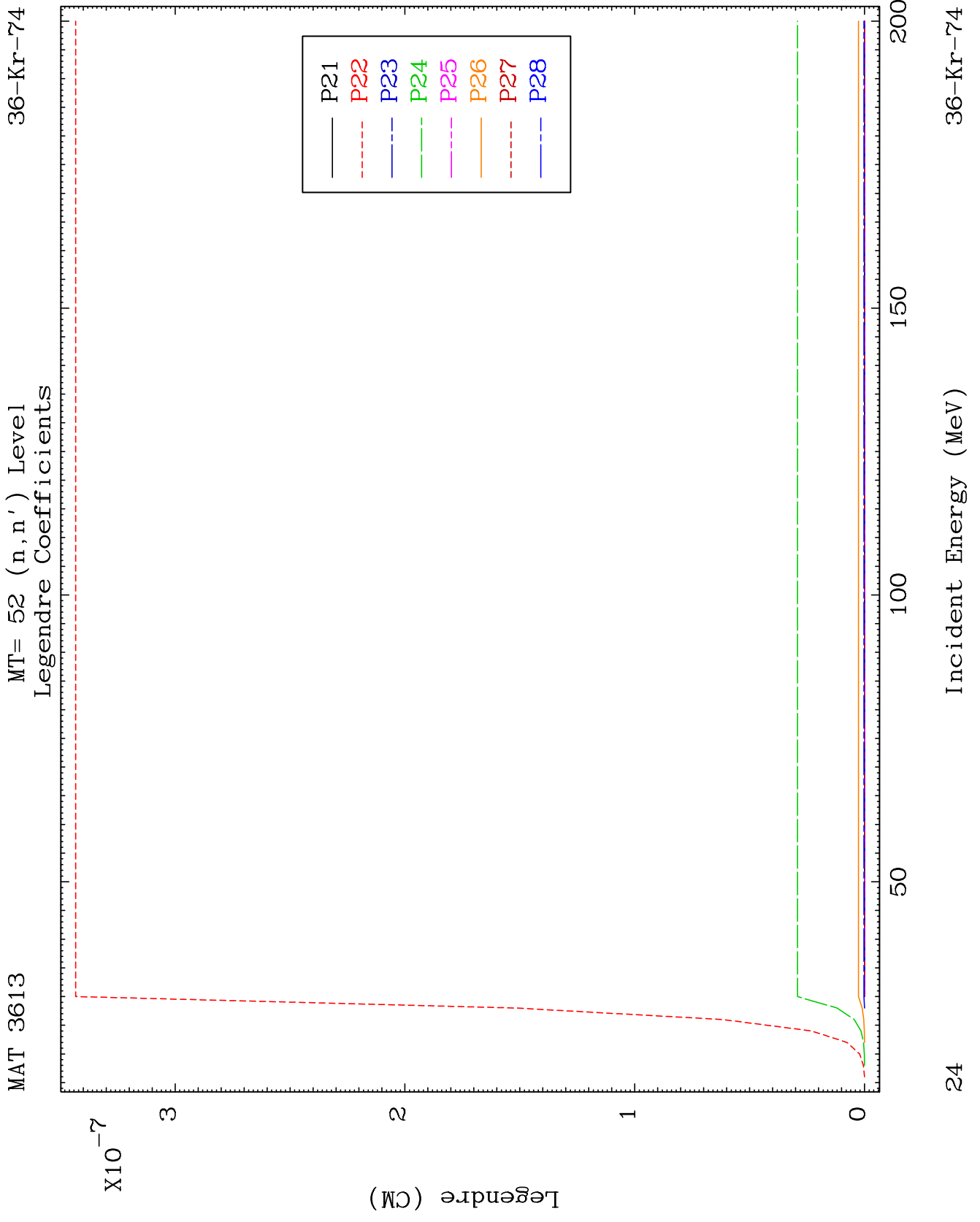
36-Kr-74



23

Incident Energy (MeV)

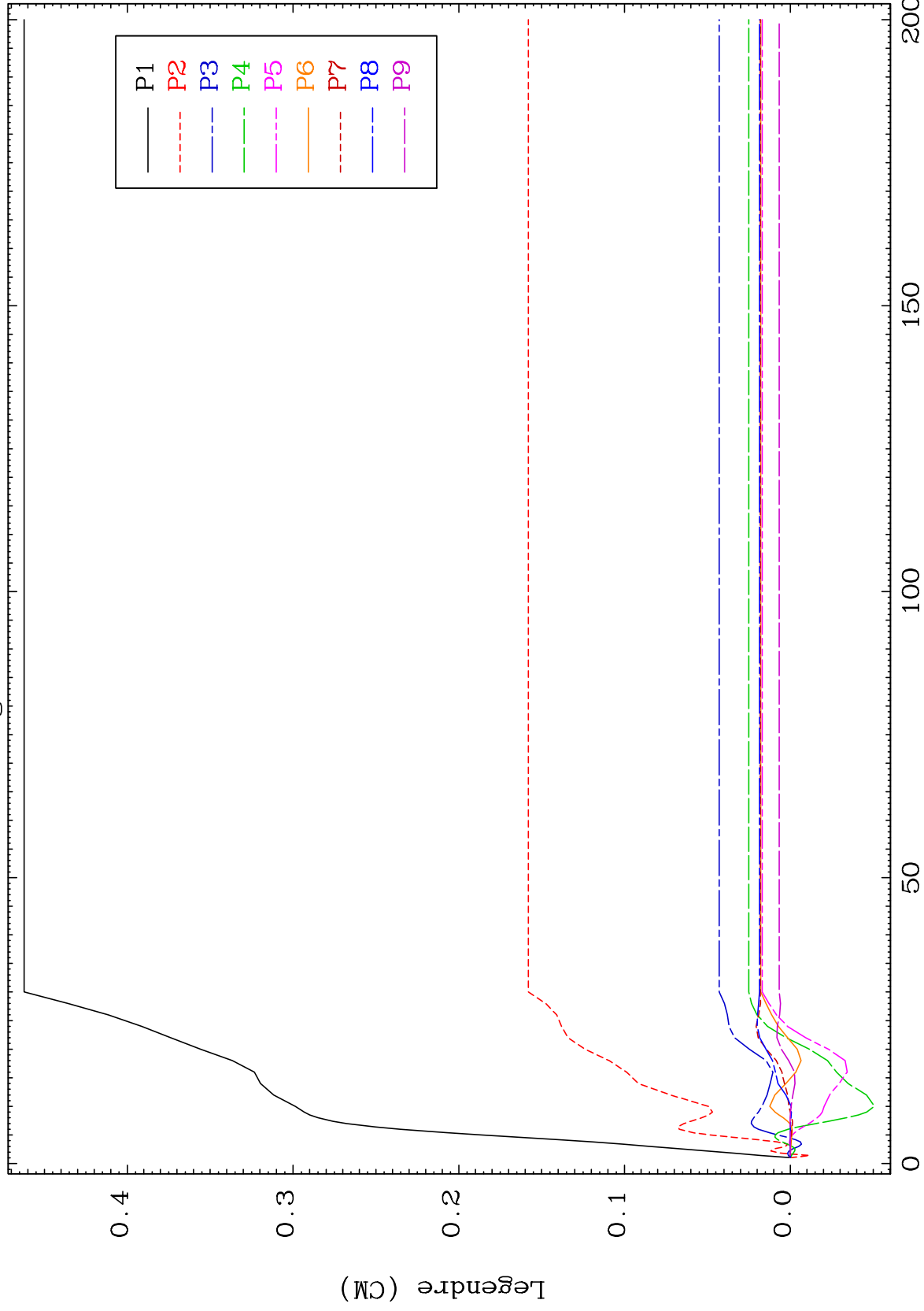
36-Kr-74



MAT 3613

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

36-Kr-74



25

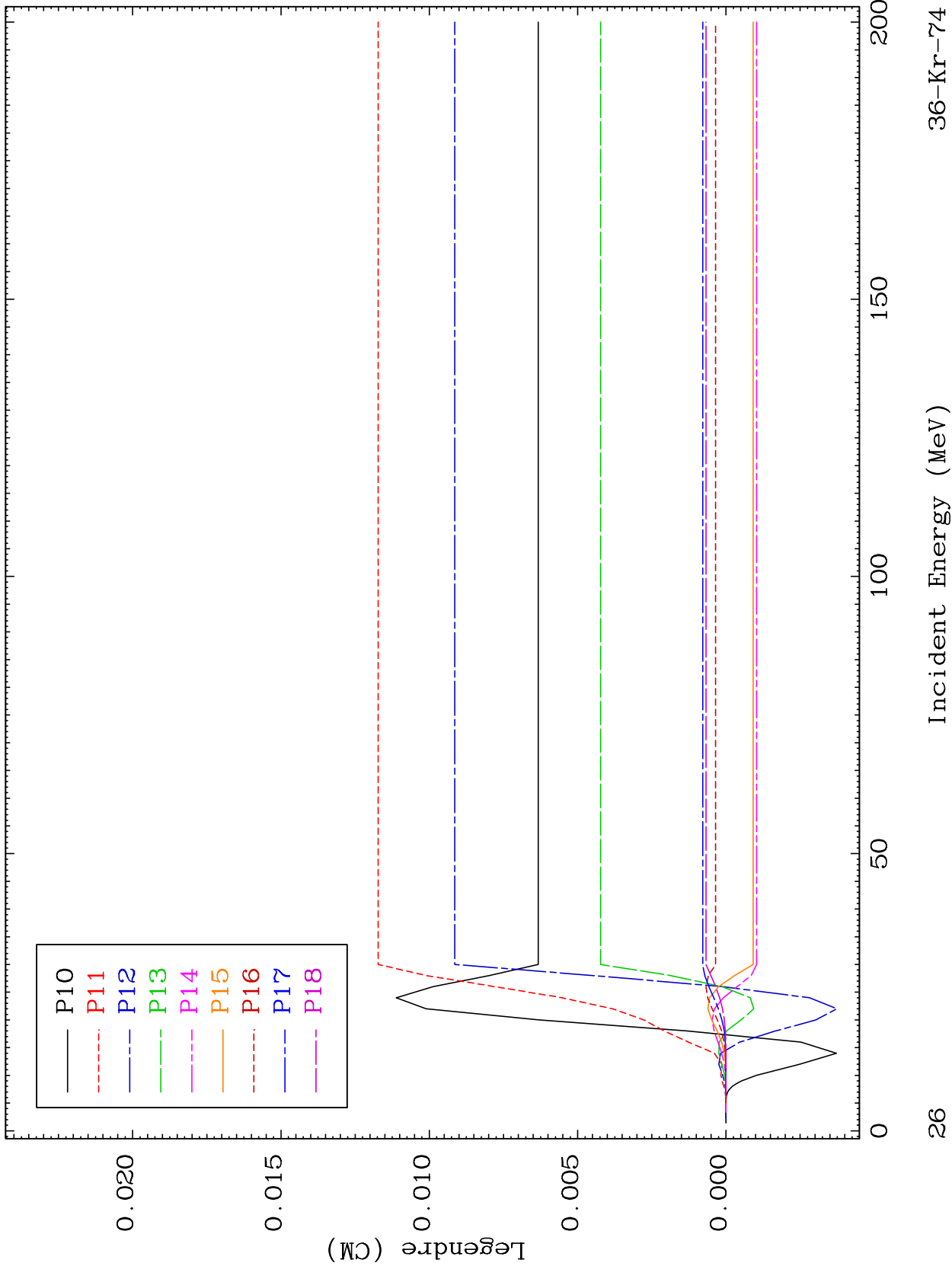
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

36-Kr-74



26

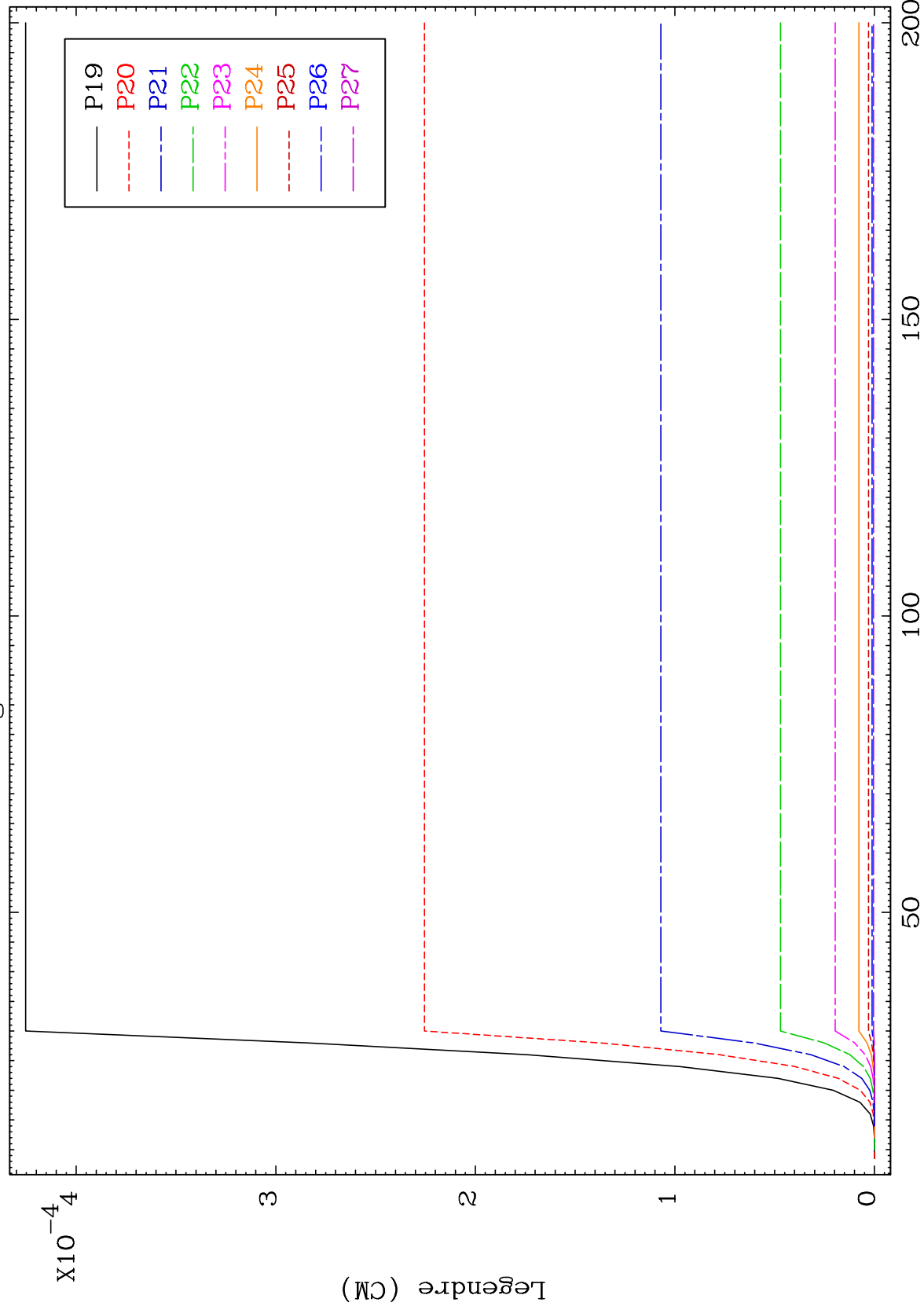
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

36-Kr-74



27

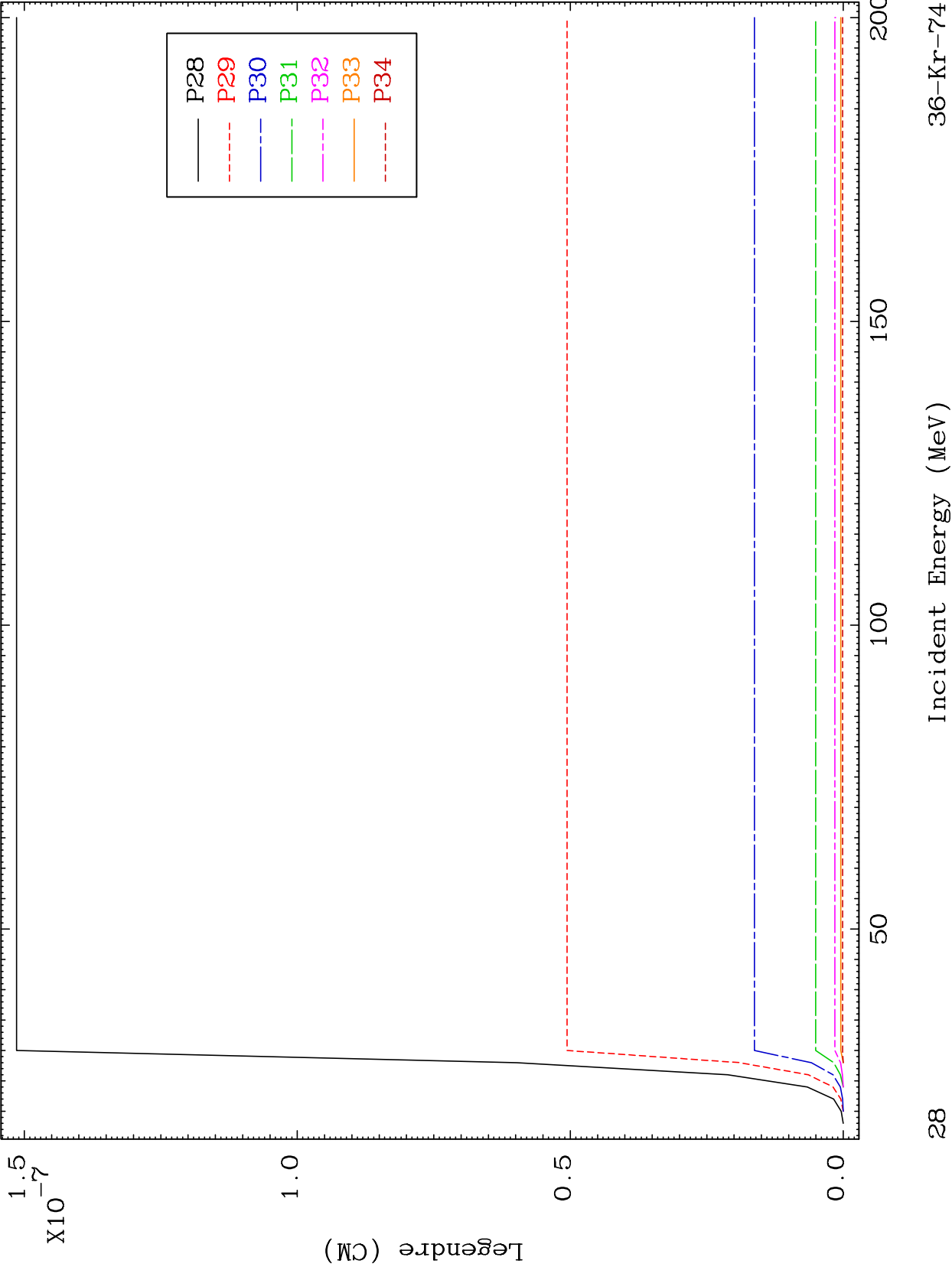
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

36-Kr-74



28

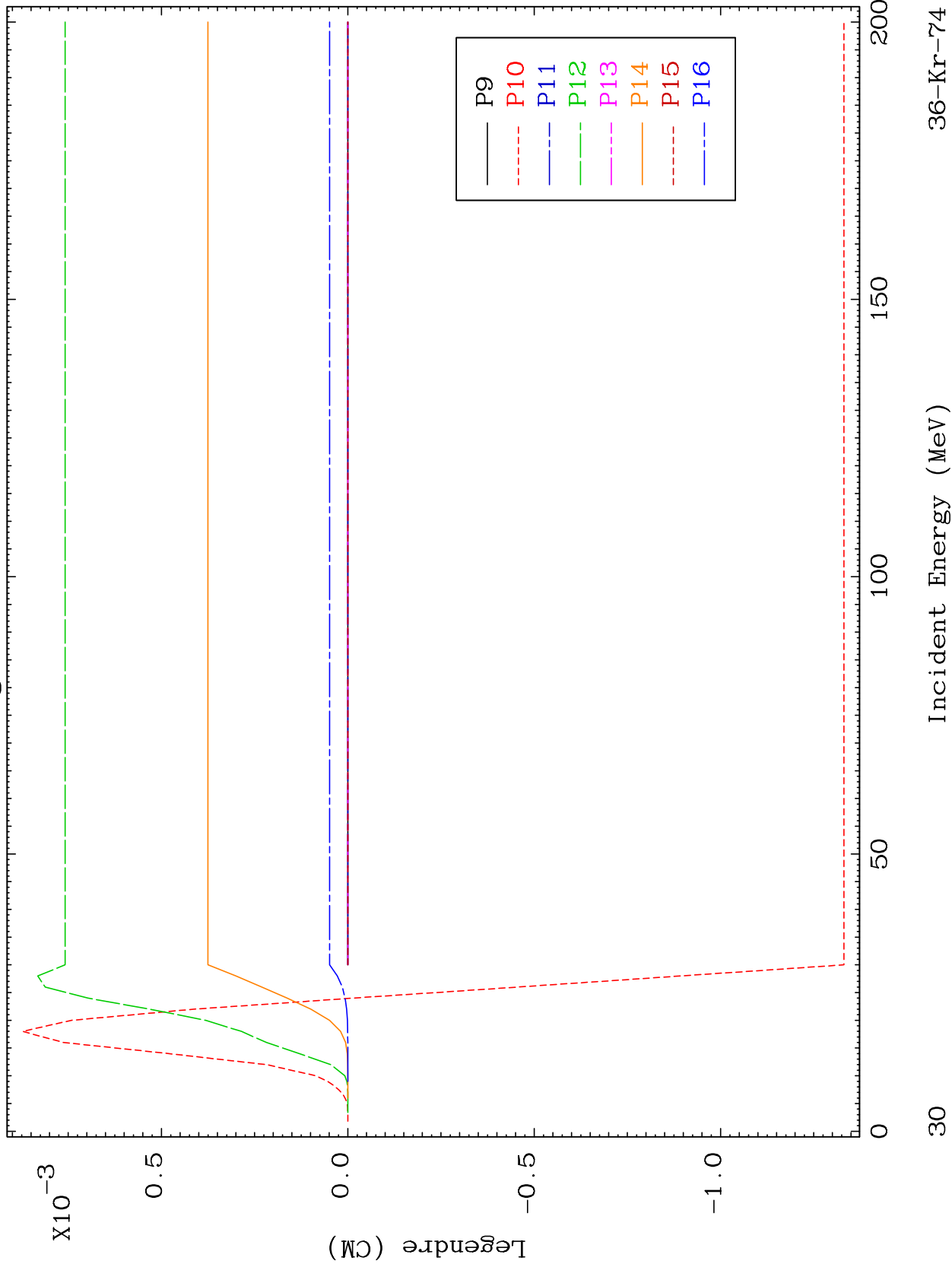
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

36-Kr-74

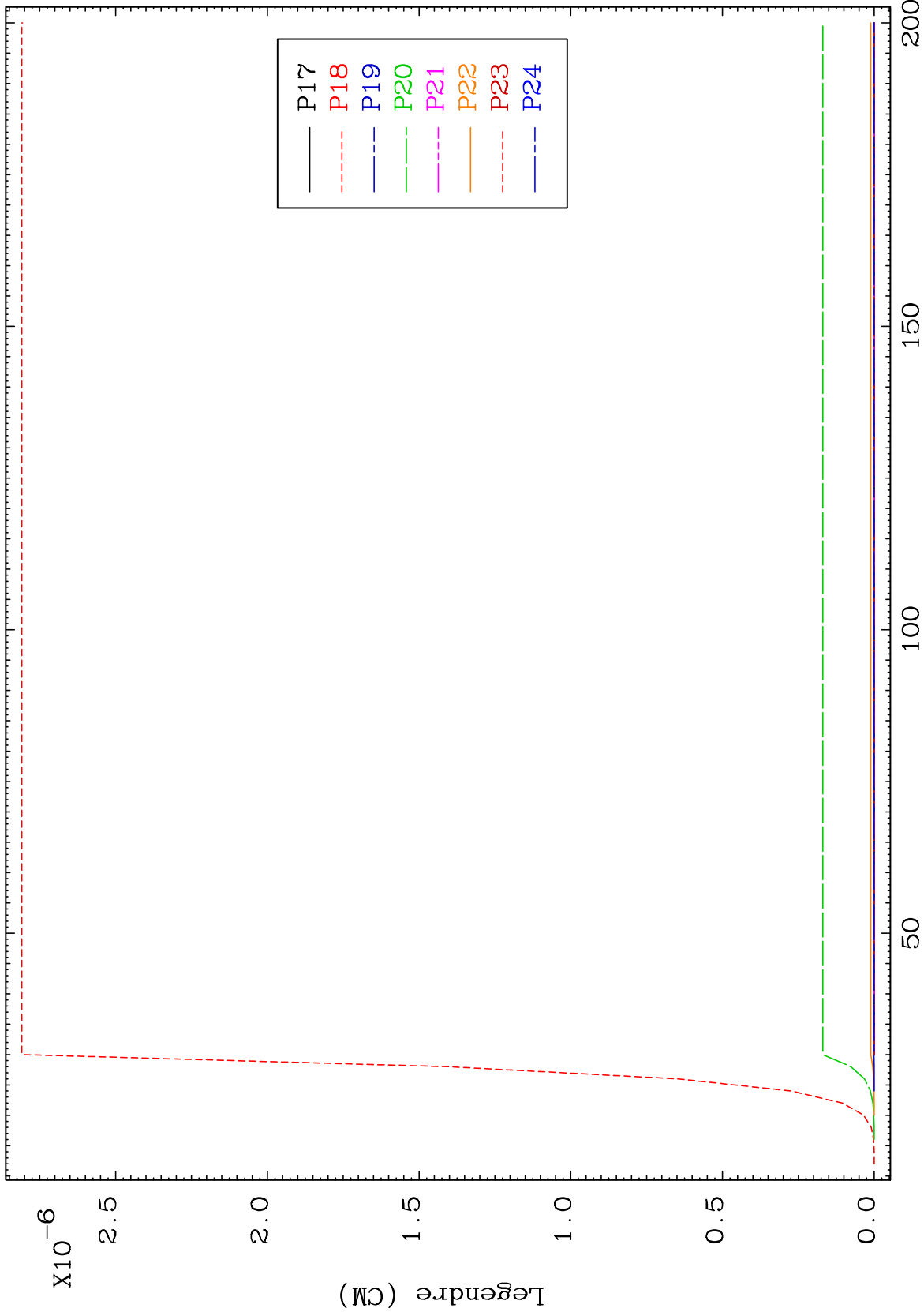


36-Kr-74

MAT 3613

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

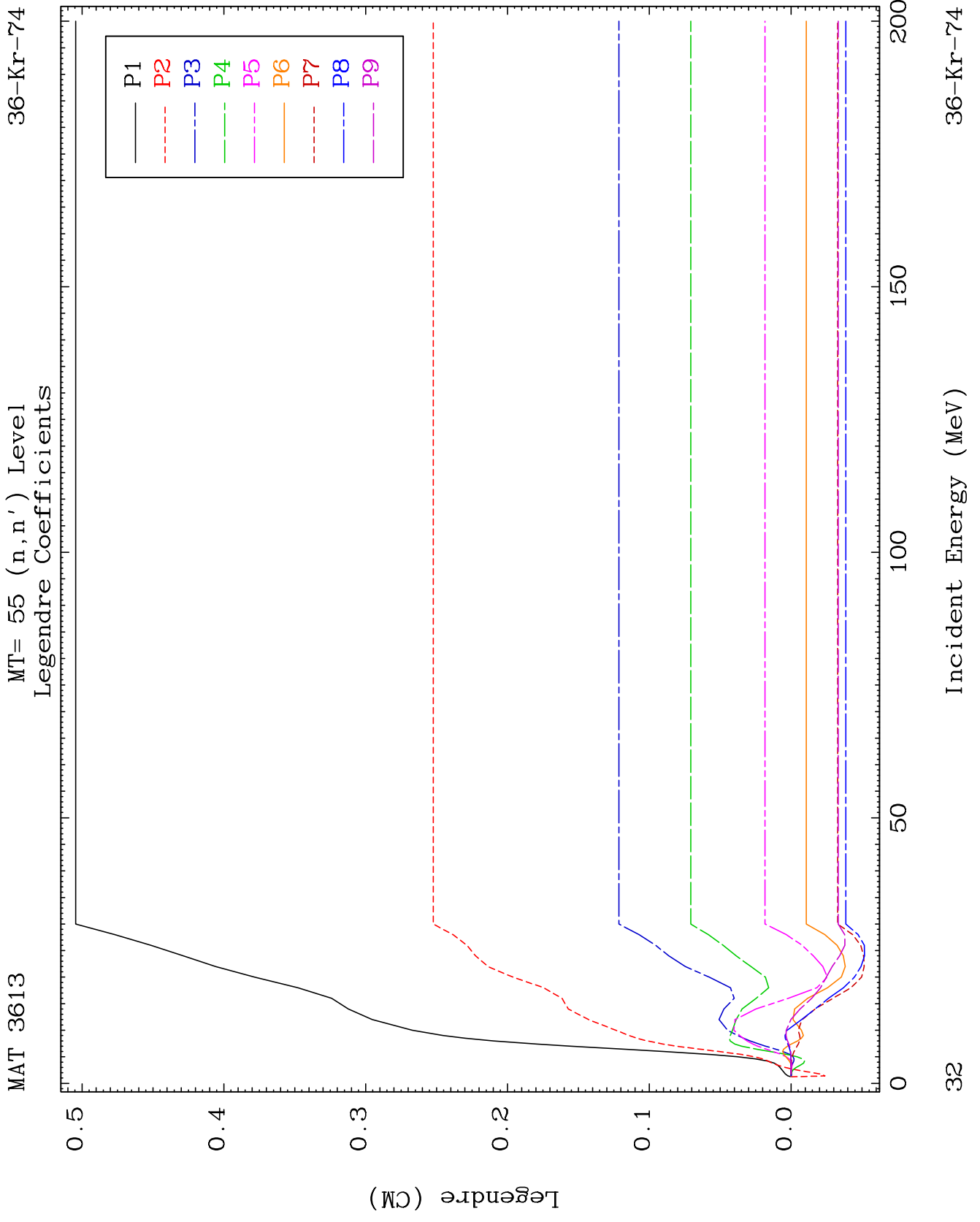
36-Kr-74



36-Kr-74

Incident Energy (MeV)

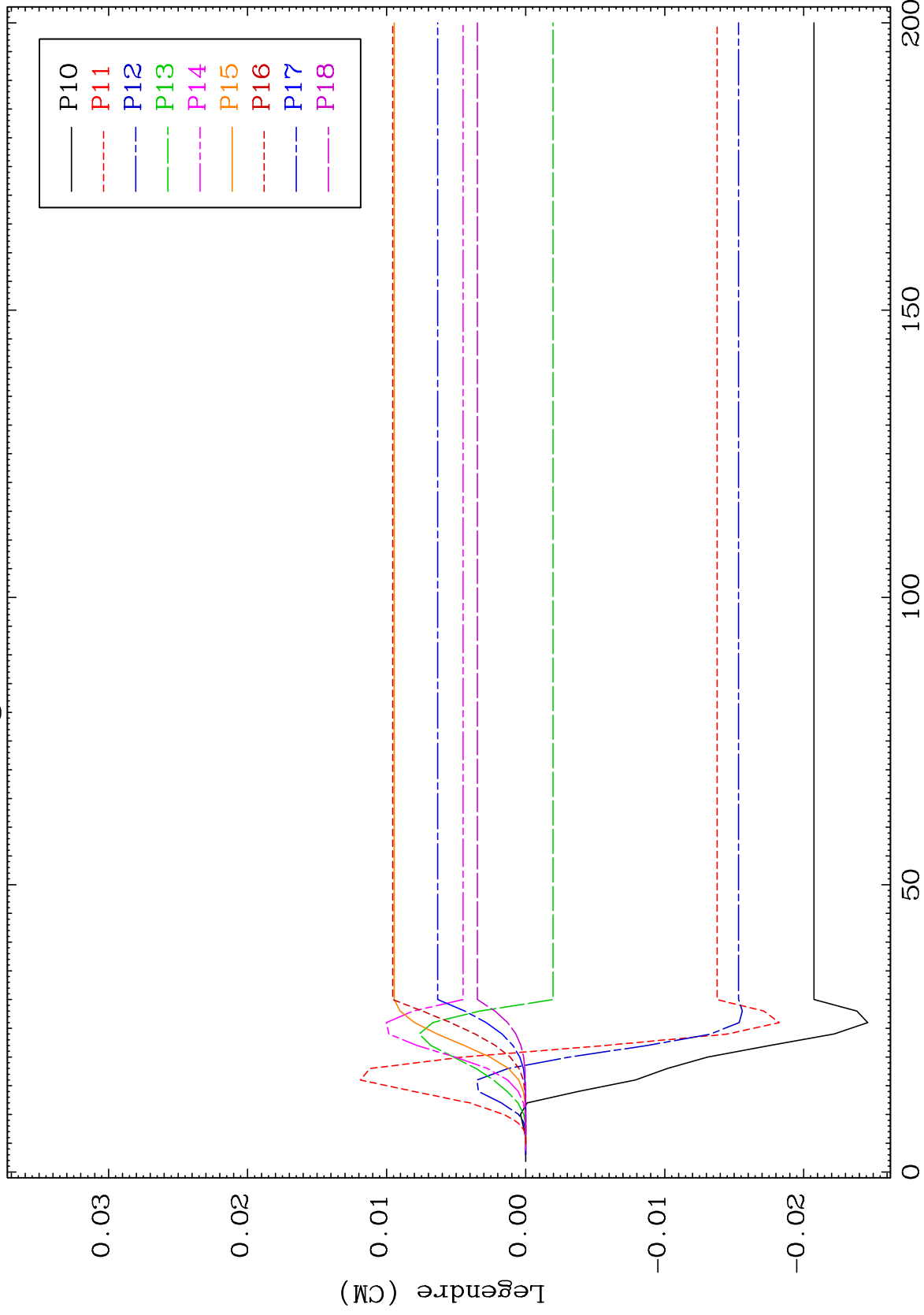
31



MAT 3613

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

36-Kr-74



33

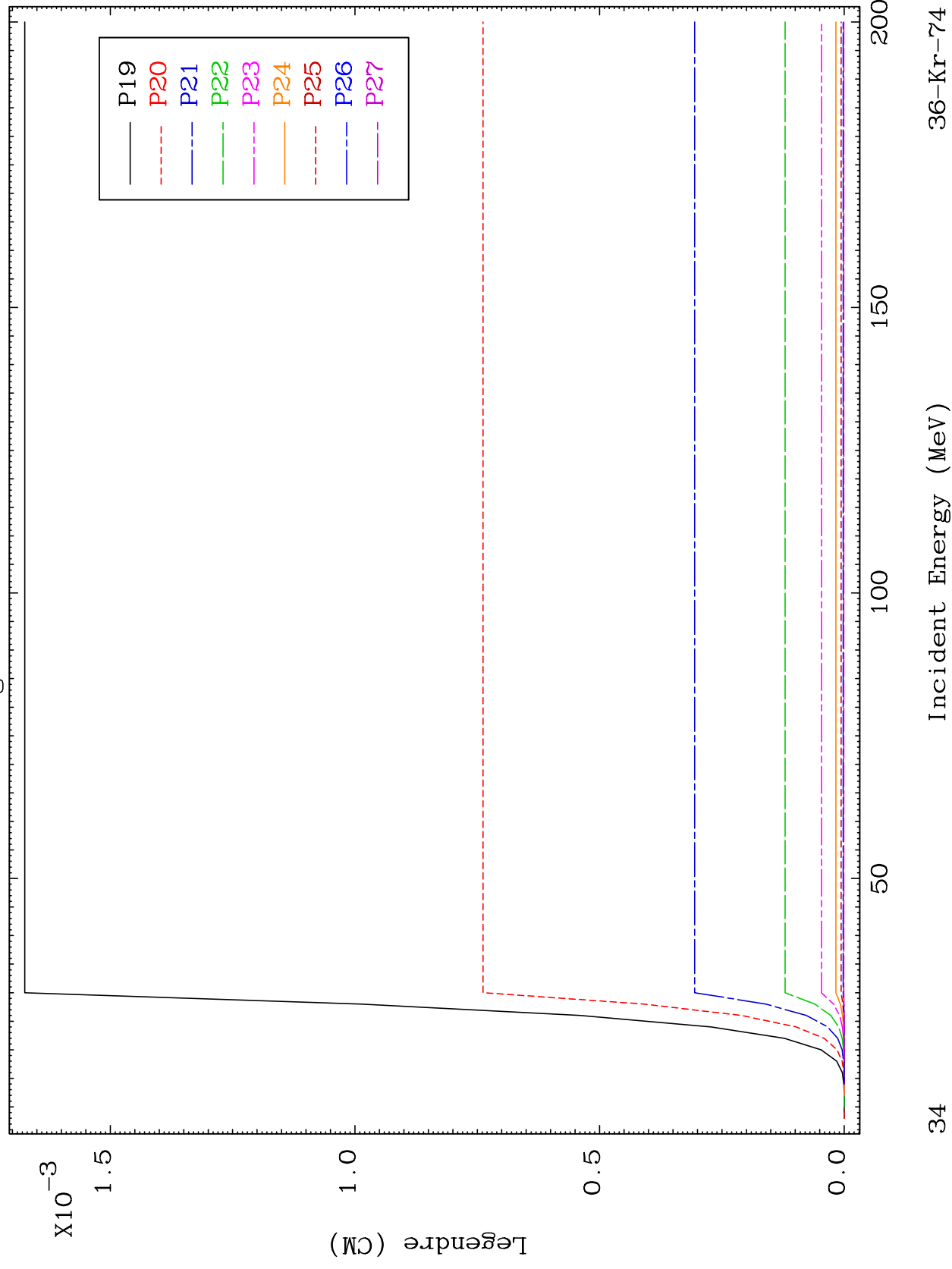
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

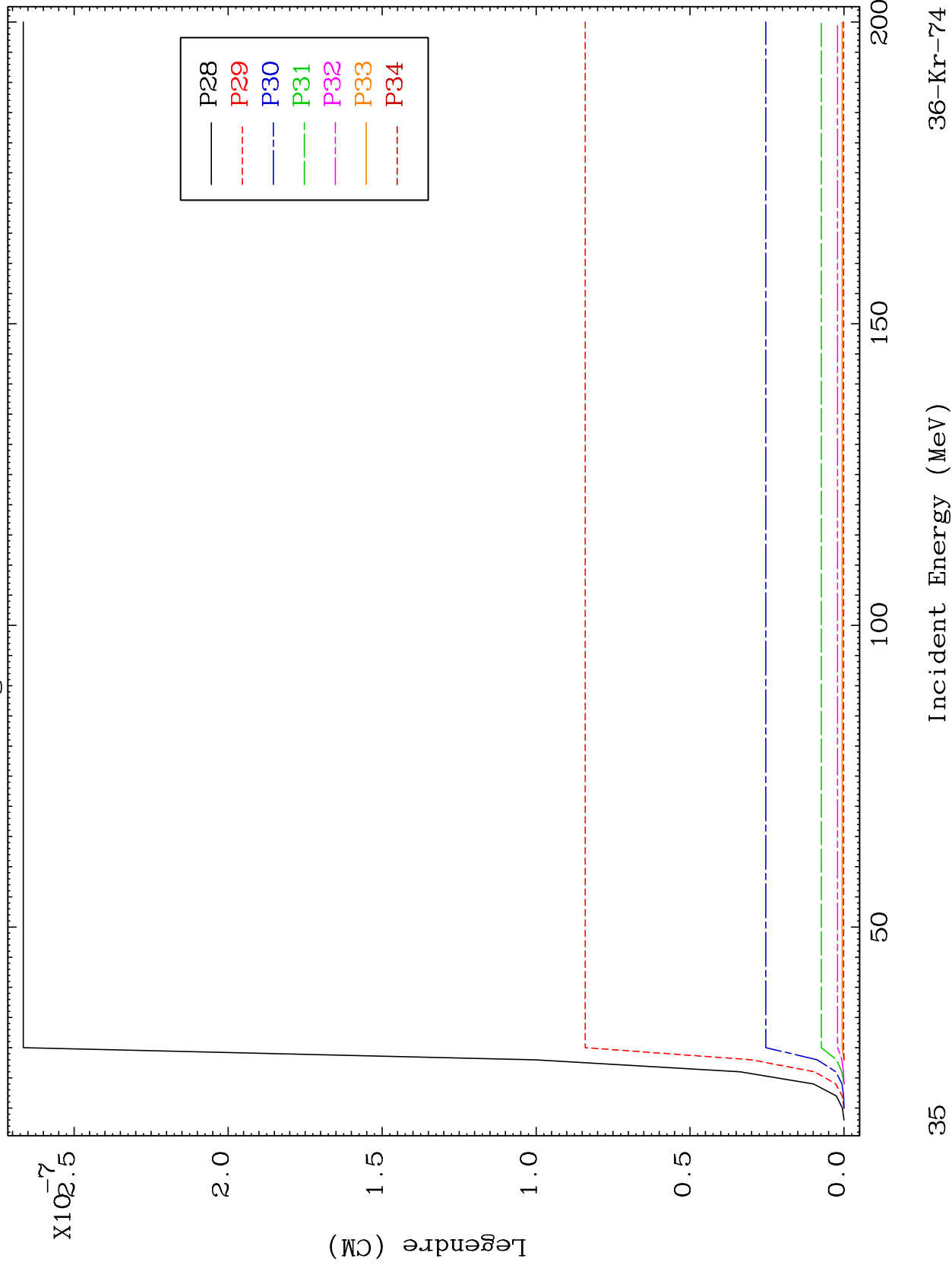
36-Kr-74

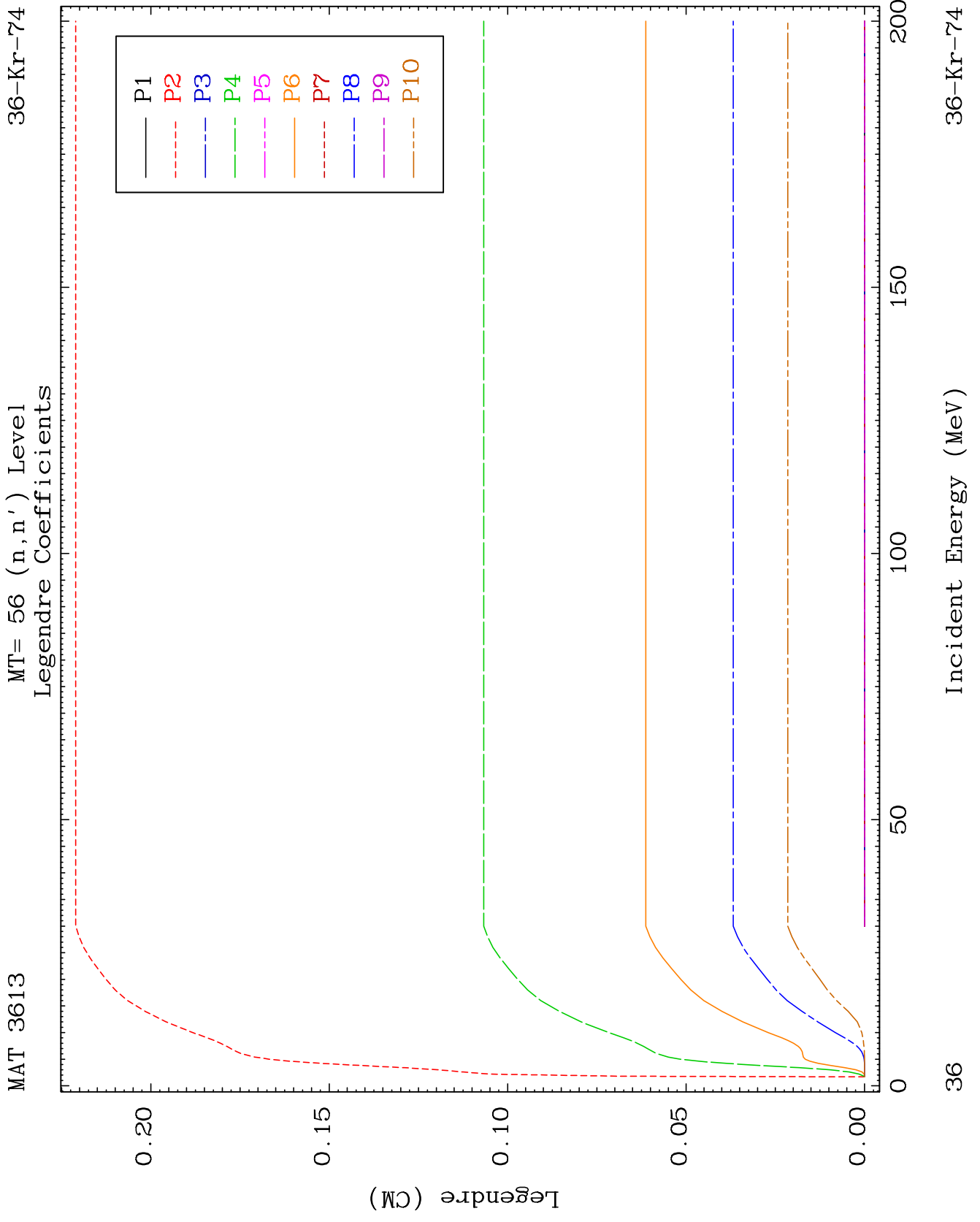


MAT 3613

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

36-Kr-74

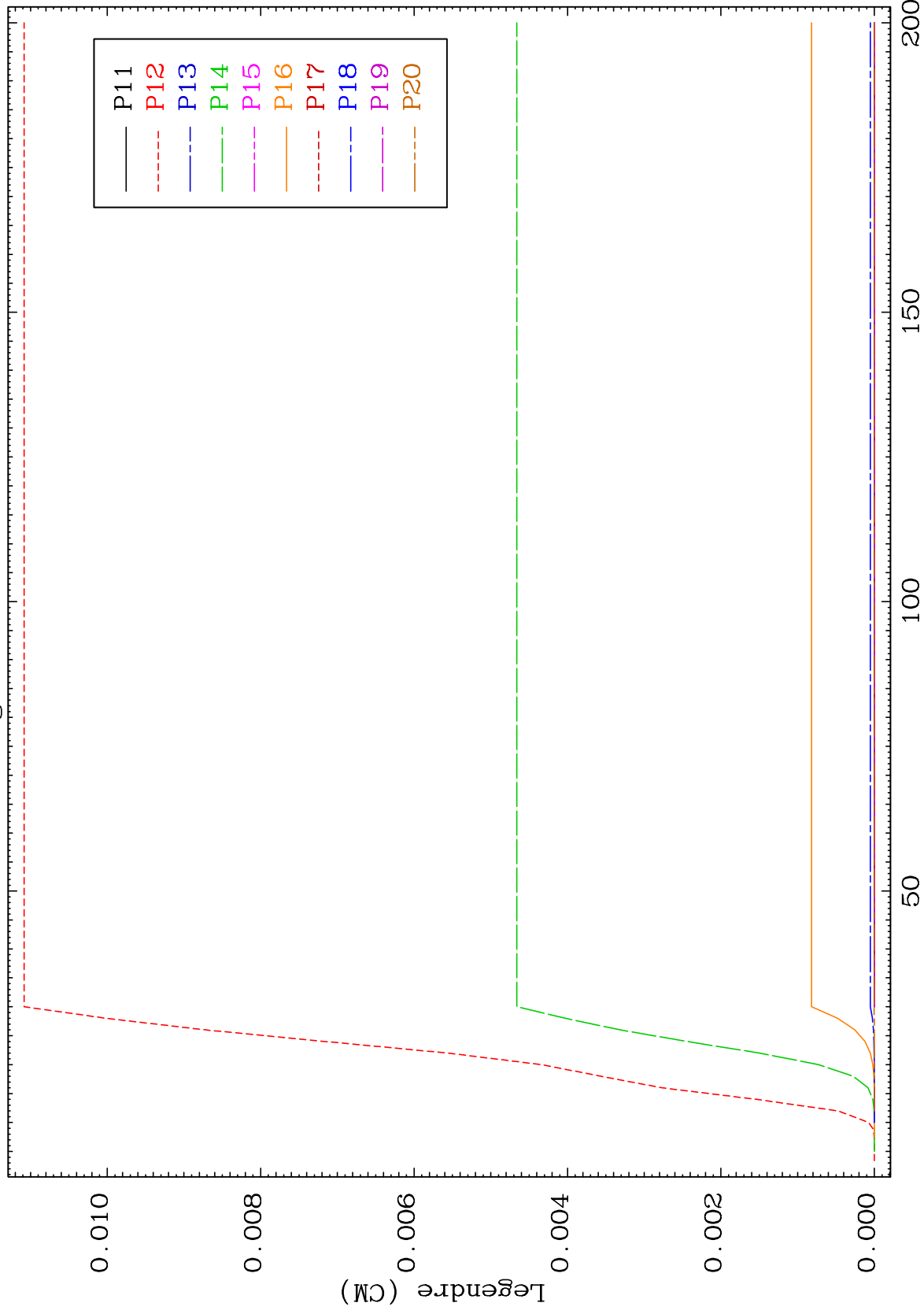




MAT 3613

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

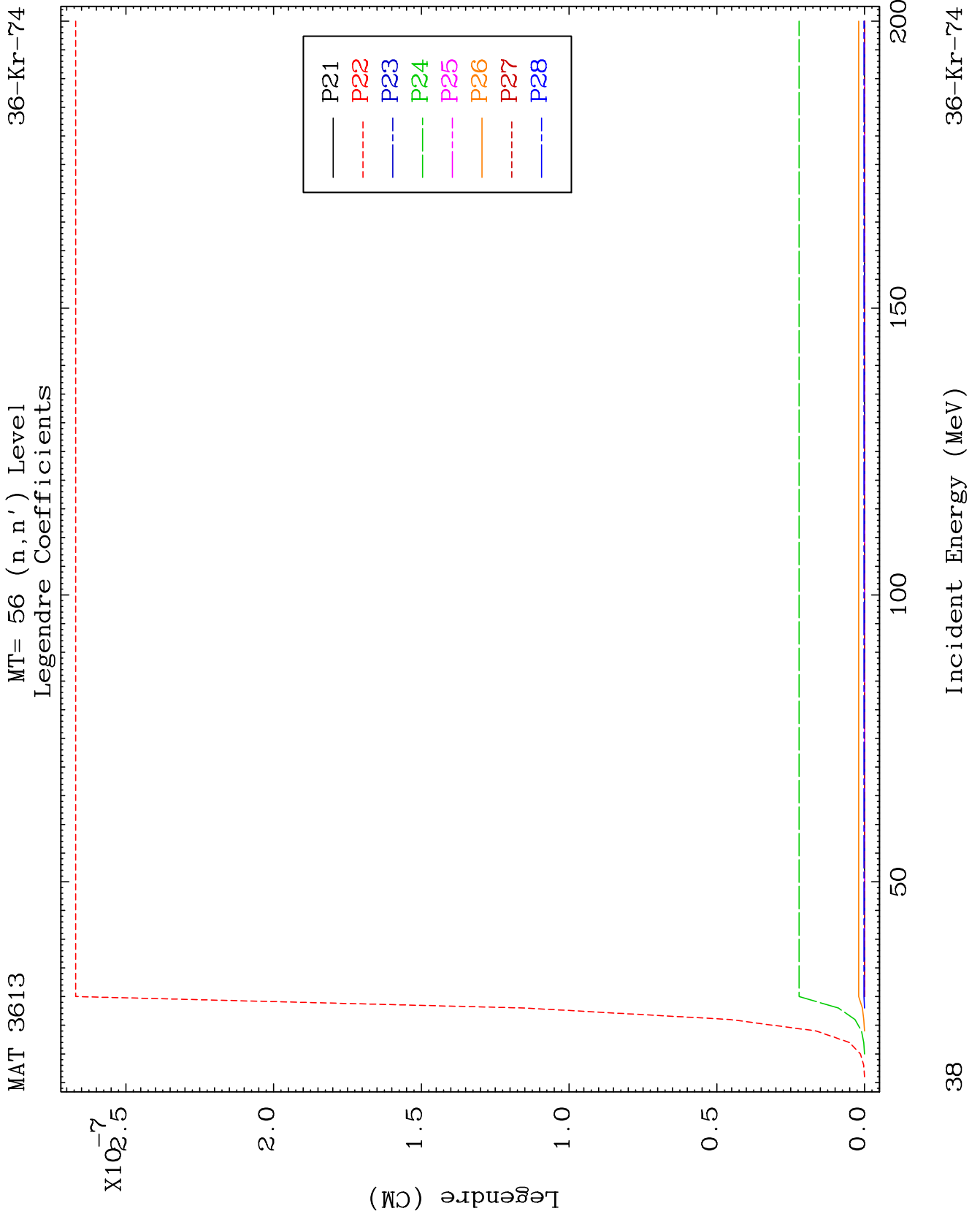
36-Kr-74



37

Incident Energy (MeV)

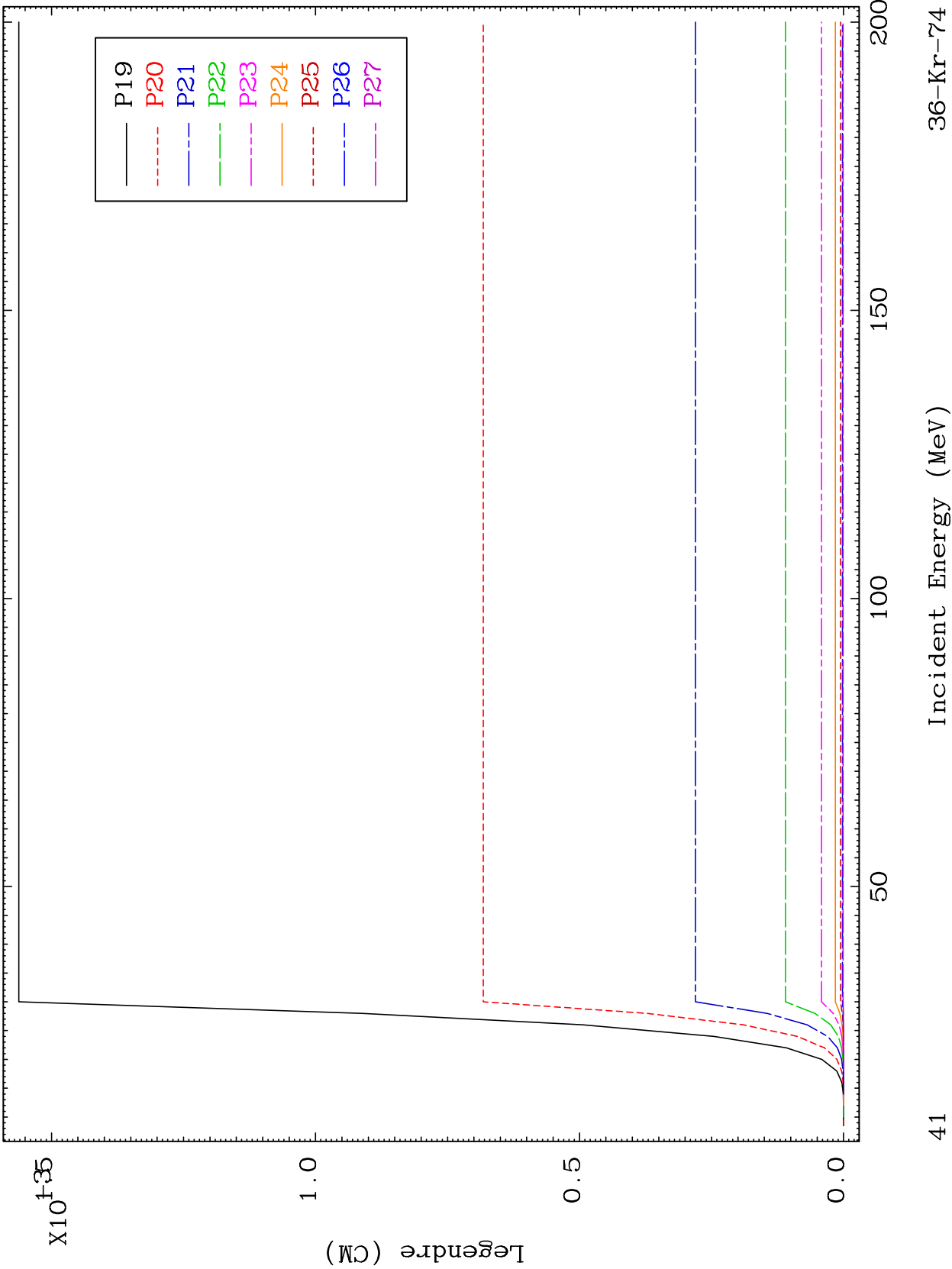
36-Kr-74



MAT 3613

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

36-Kr-74



41

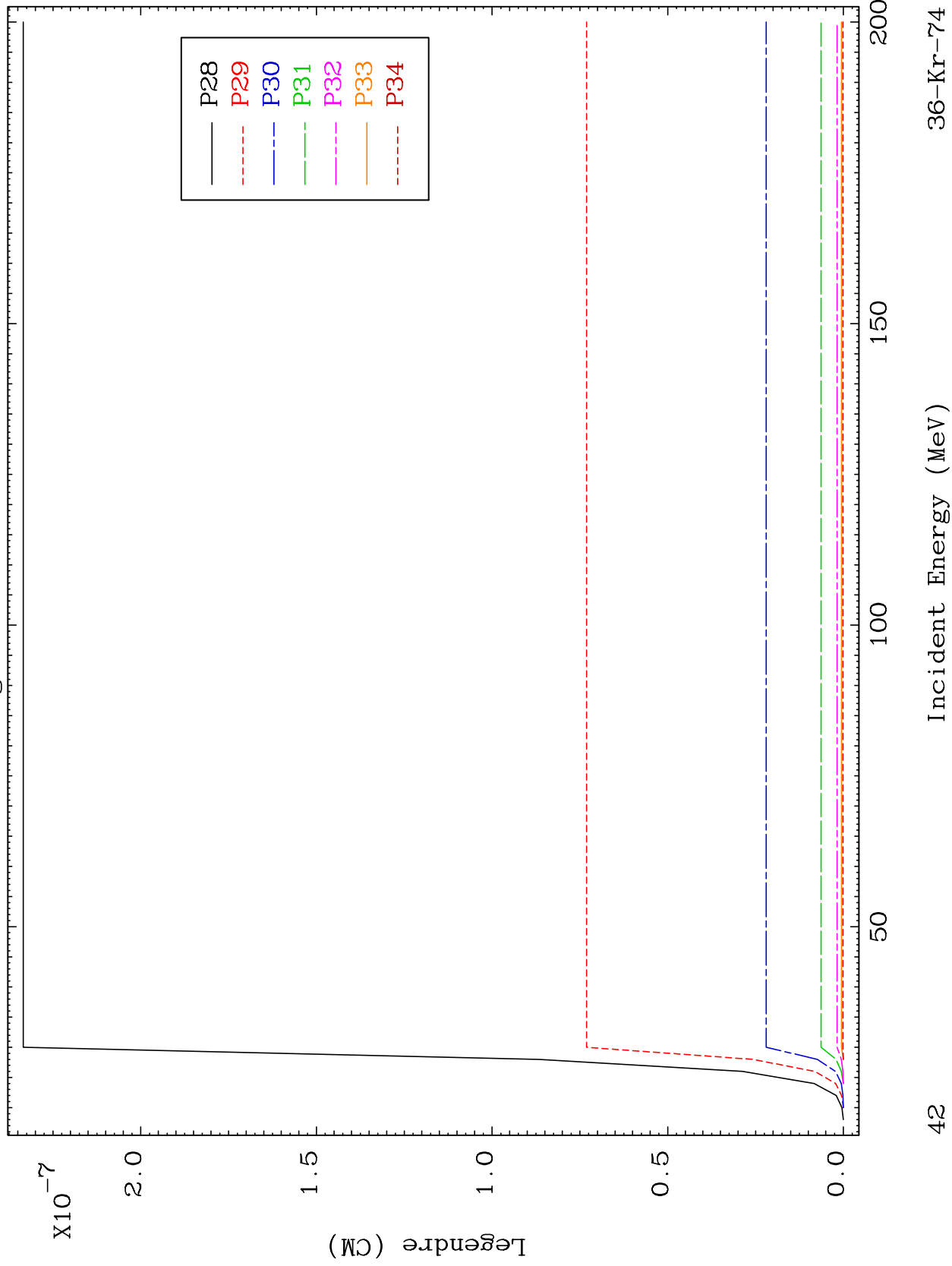
Incident Energy (MeV)

36-Kr-74

MAT 3613

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

36-Kr-74



42

Incident Energy (MeV)

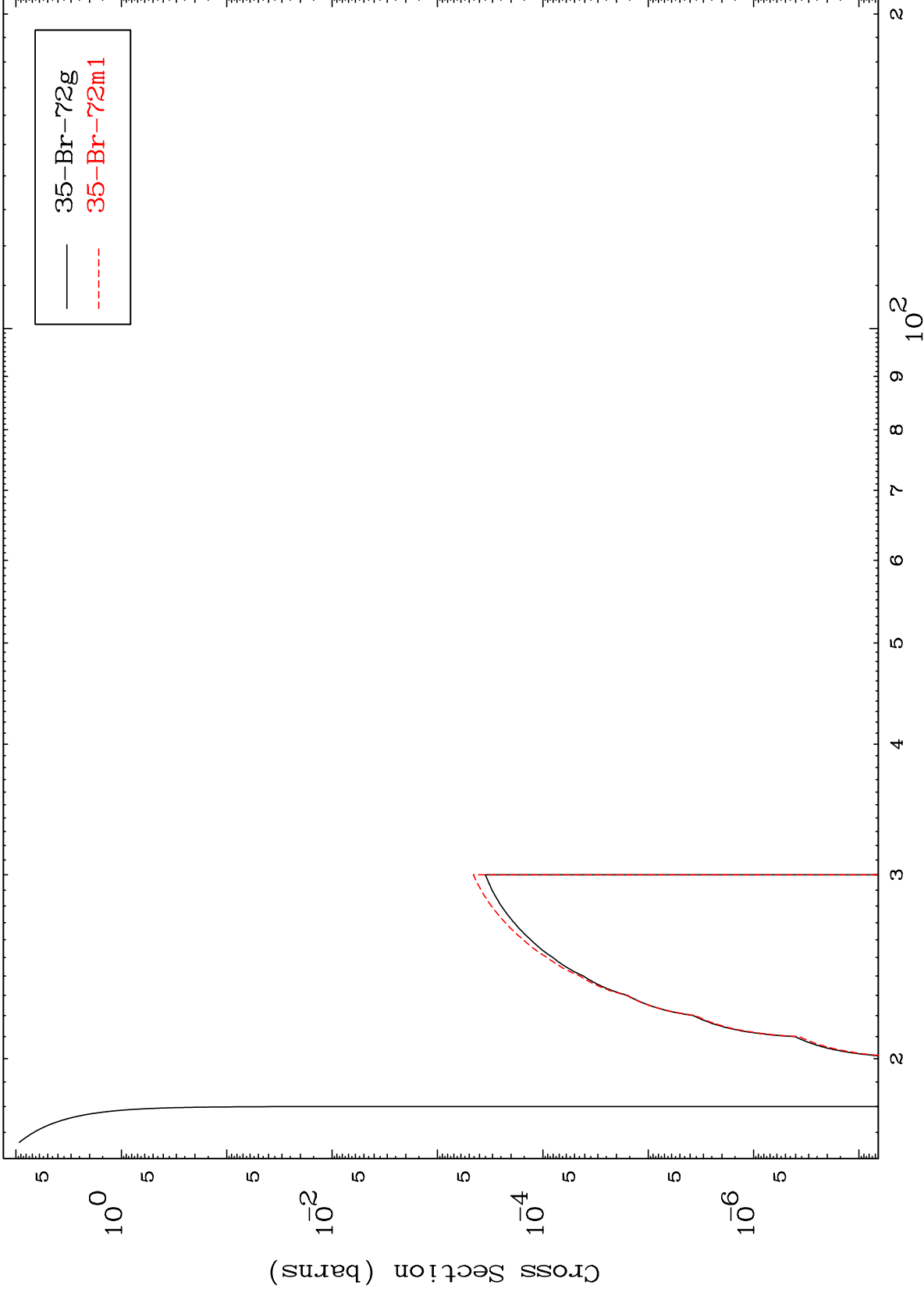
36-Kr-74

MAT 3613

(n,n') d

36-Kr-74

Radionuclide Production Cross Section



43

Incident Energy (MeV)

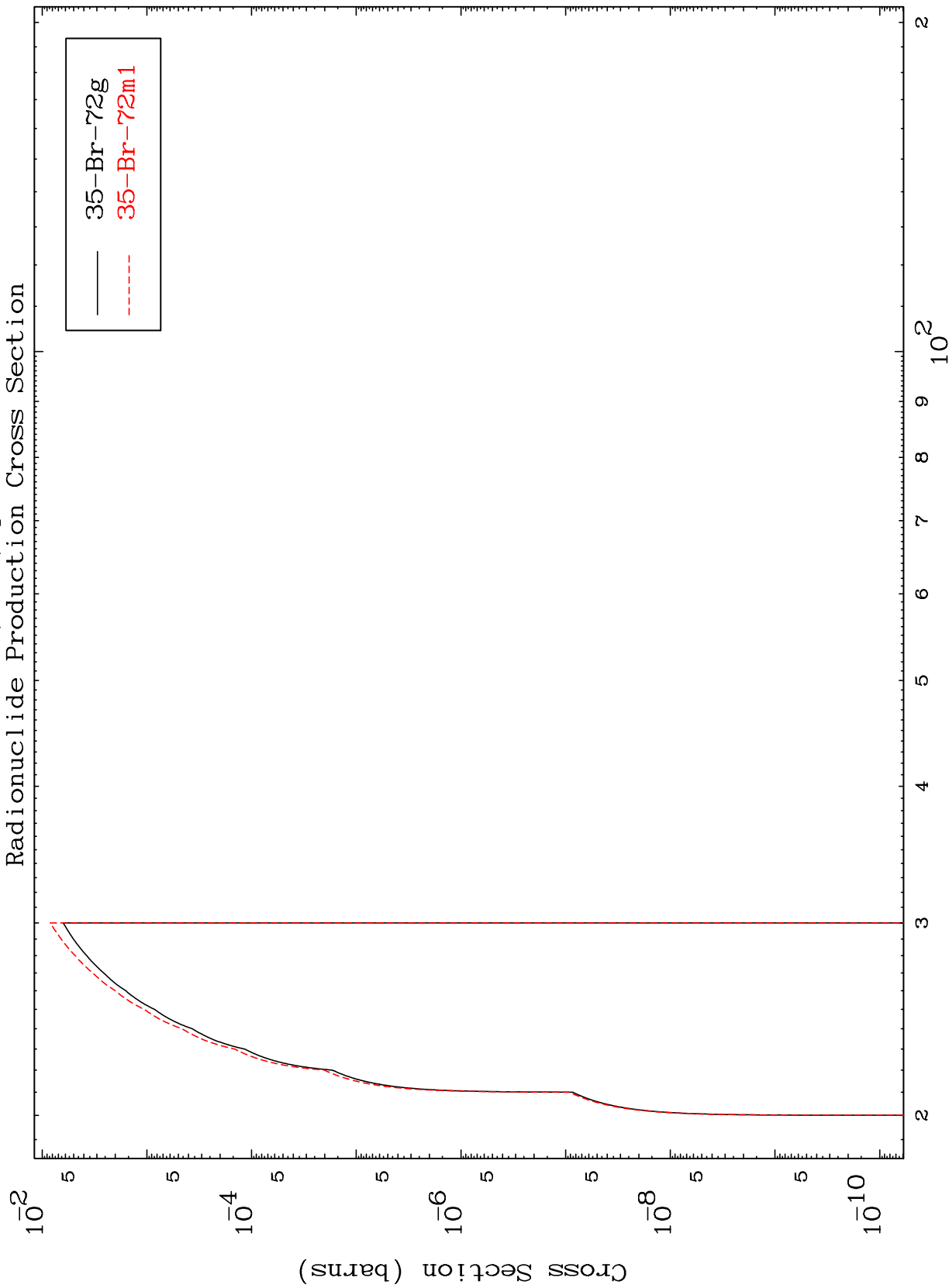
36-Kr-74

MAT 3613

(n,2n) p

36-Kr-74

Radionuclide Production Cross Section



44

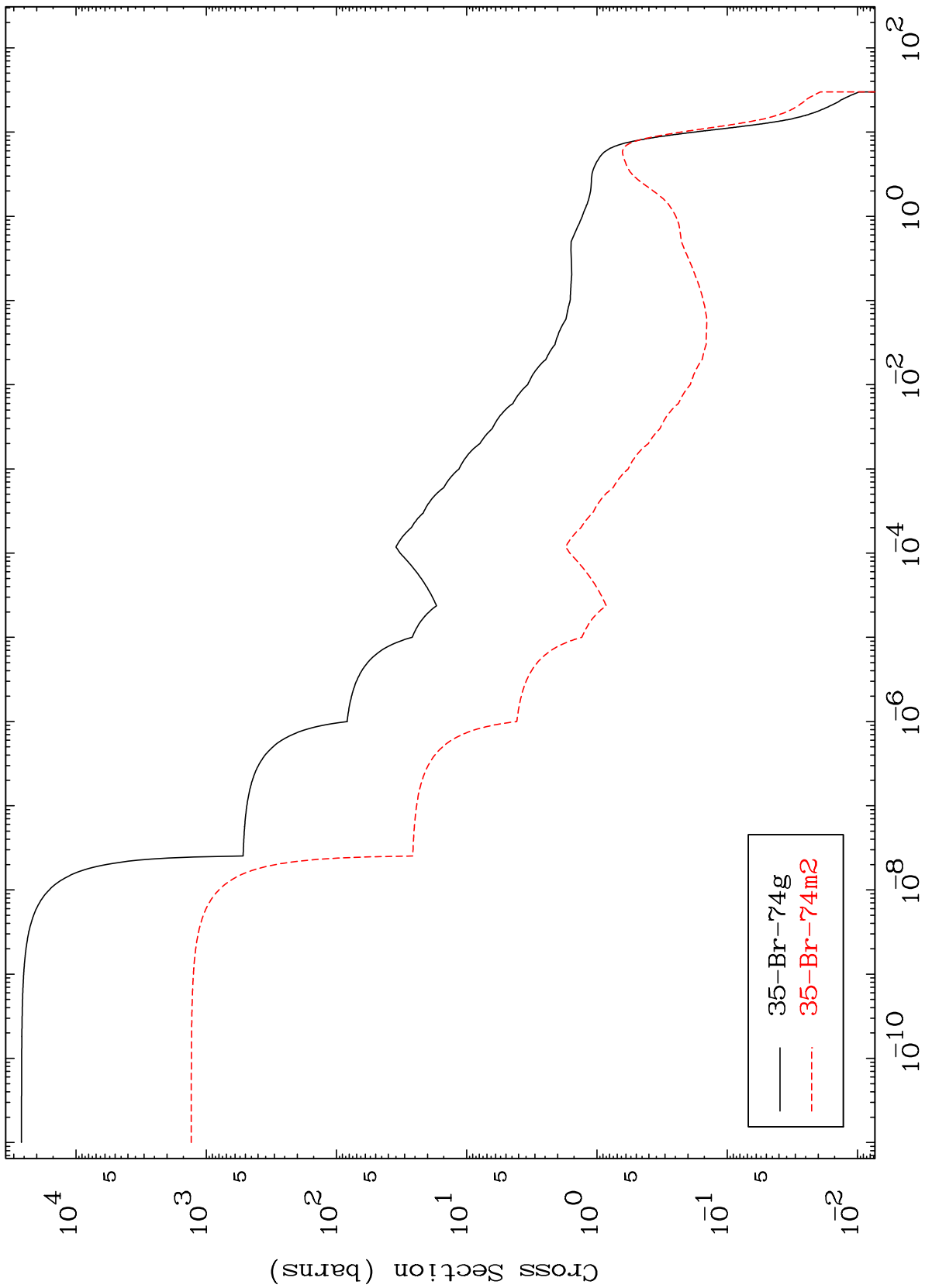
Incident Energy (MeV)

36-Kr-74

MAT 3613

³⁶Kr-74

(n,p)
Radionuclide Production Cross Section



45

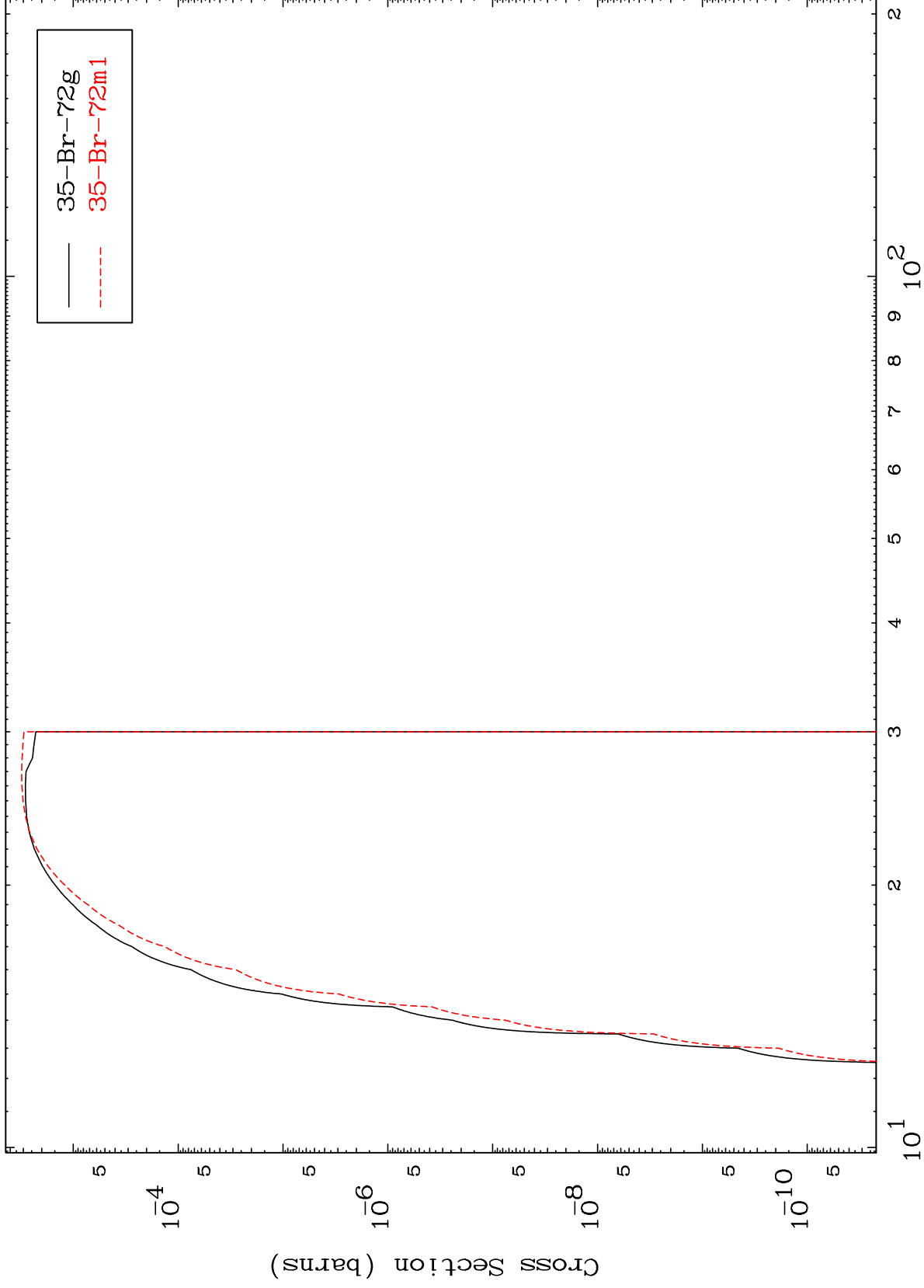
³⁶Kr-74

MAT 3613

(n, t)

36-Kr-74

Radionuclide Production Cross Section



Incident Energy (MeV)

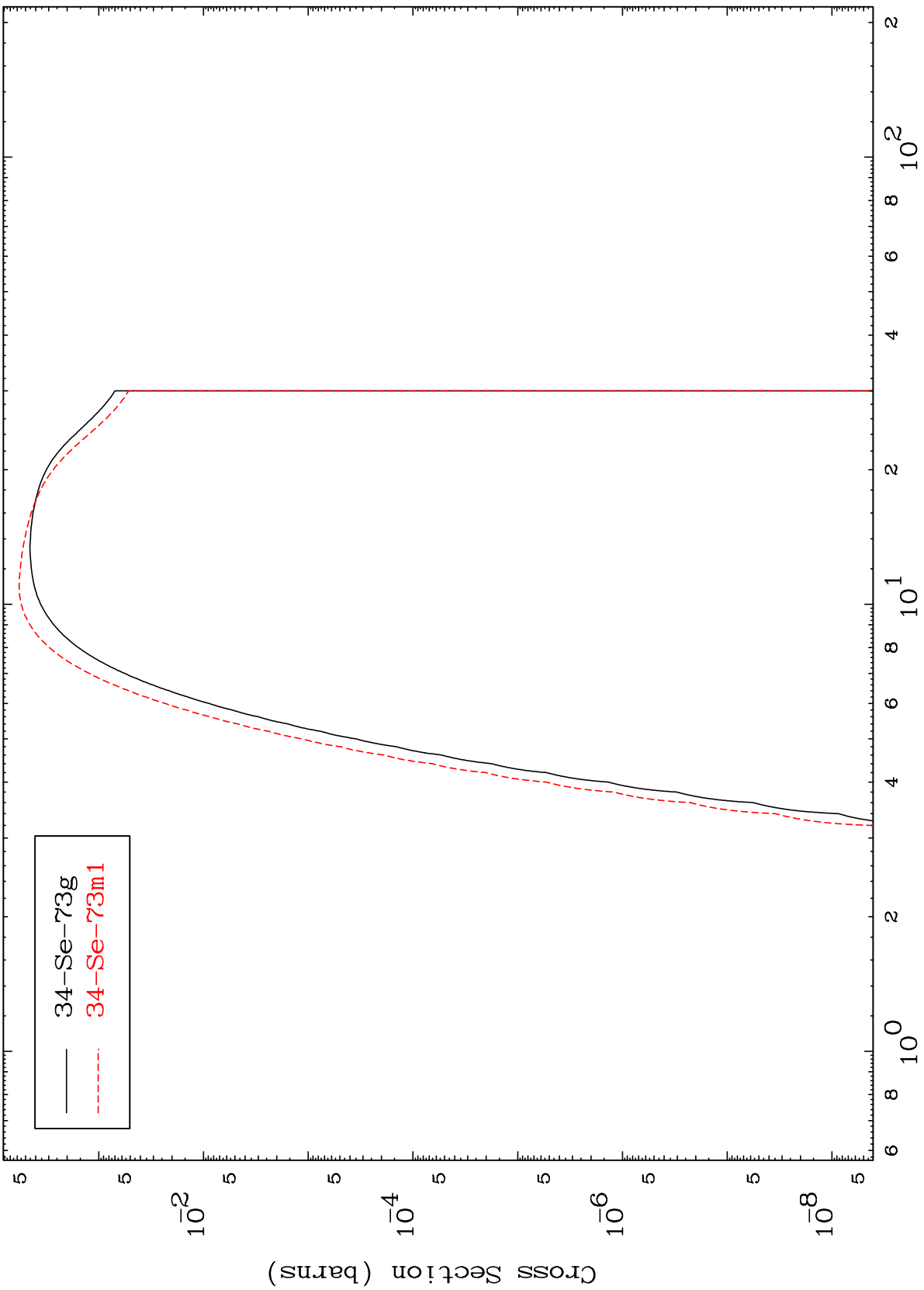
36-Kr-74

46

MAT 3613

36-Kr-74

(n,2p)
Radionuclide Production Cross Section



— 34-Se-73g
- - - 34-Se-73m1

Incident Energy (MeV)

36-Kr-74

47