

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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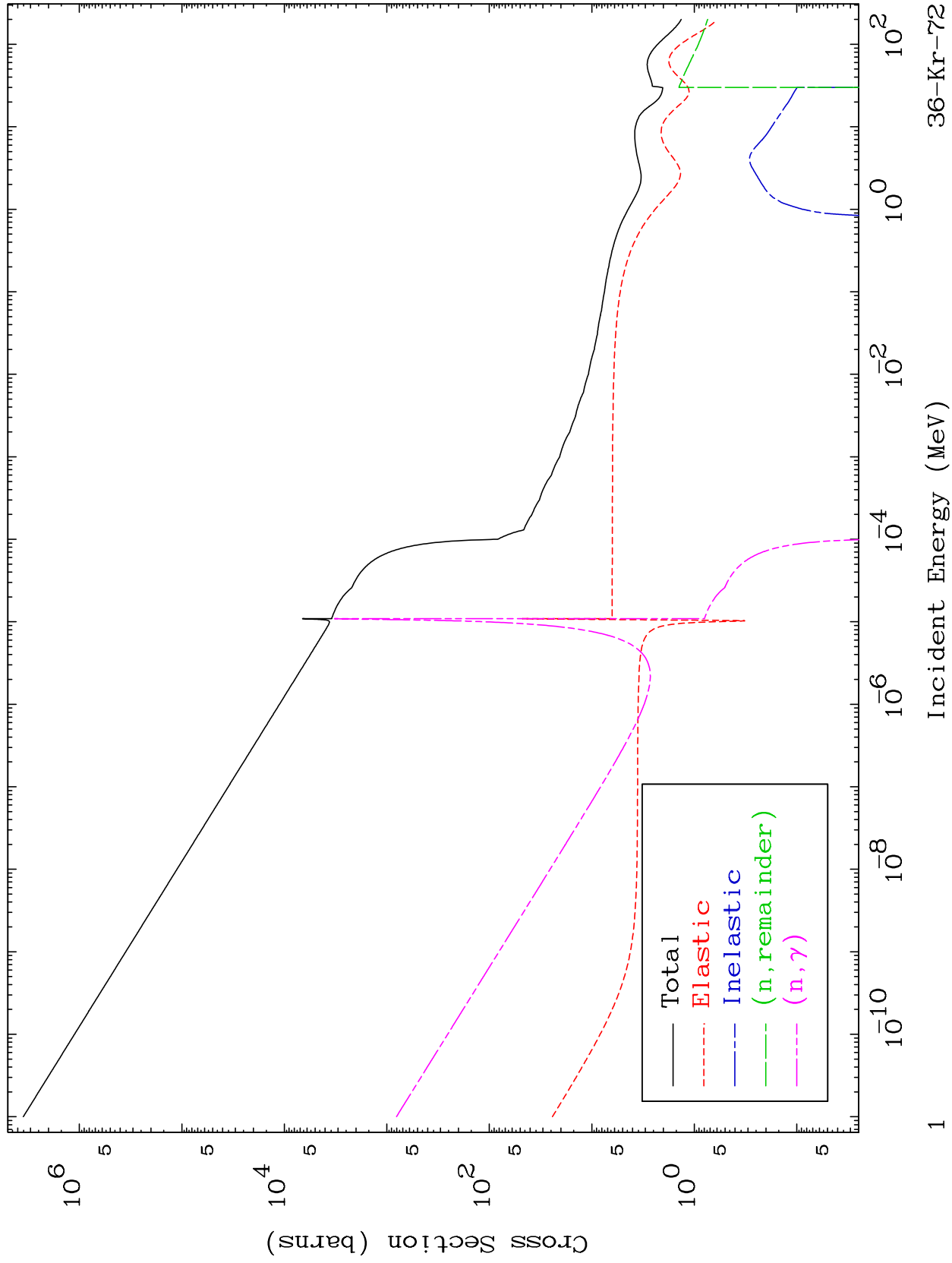
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3607

Major  
293 Kelvin Cross Sections

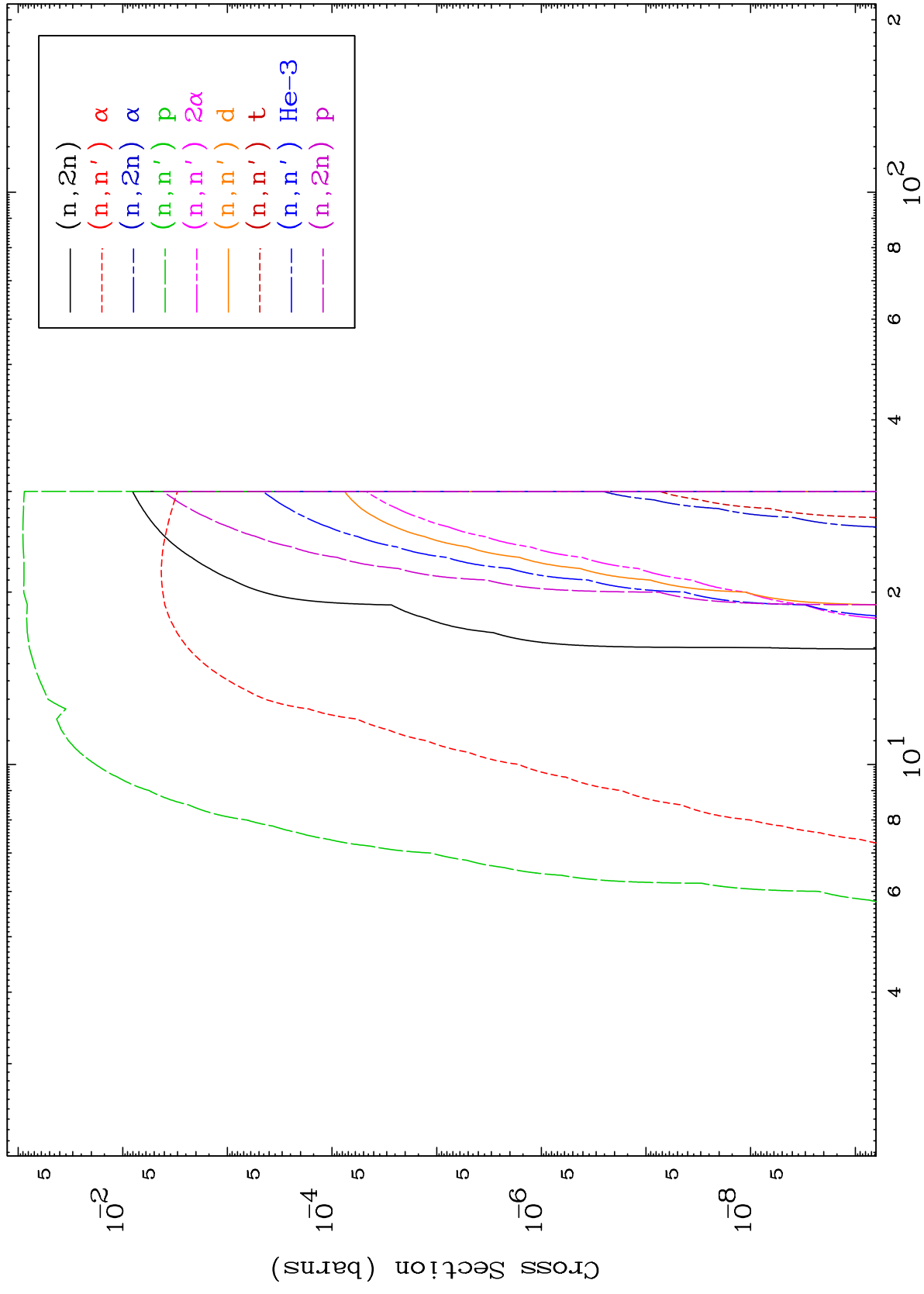
36-Kr-72



MAT 3607

### Neutron Production 293 Kelvin Cross Sections

36-Kr-72



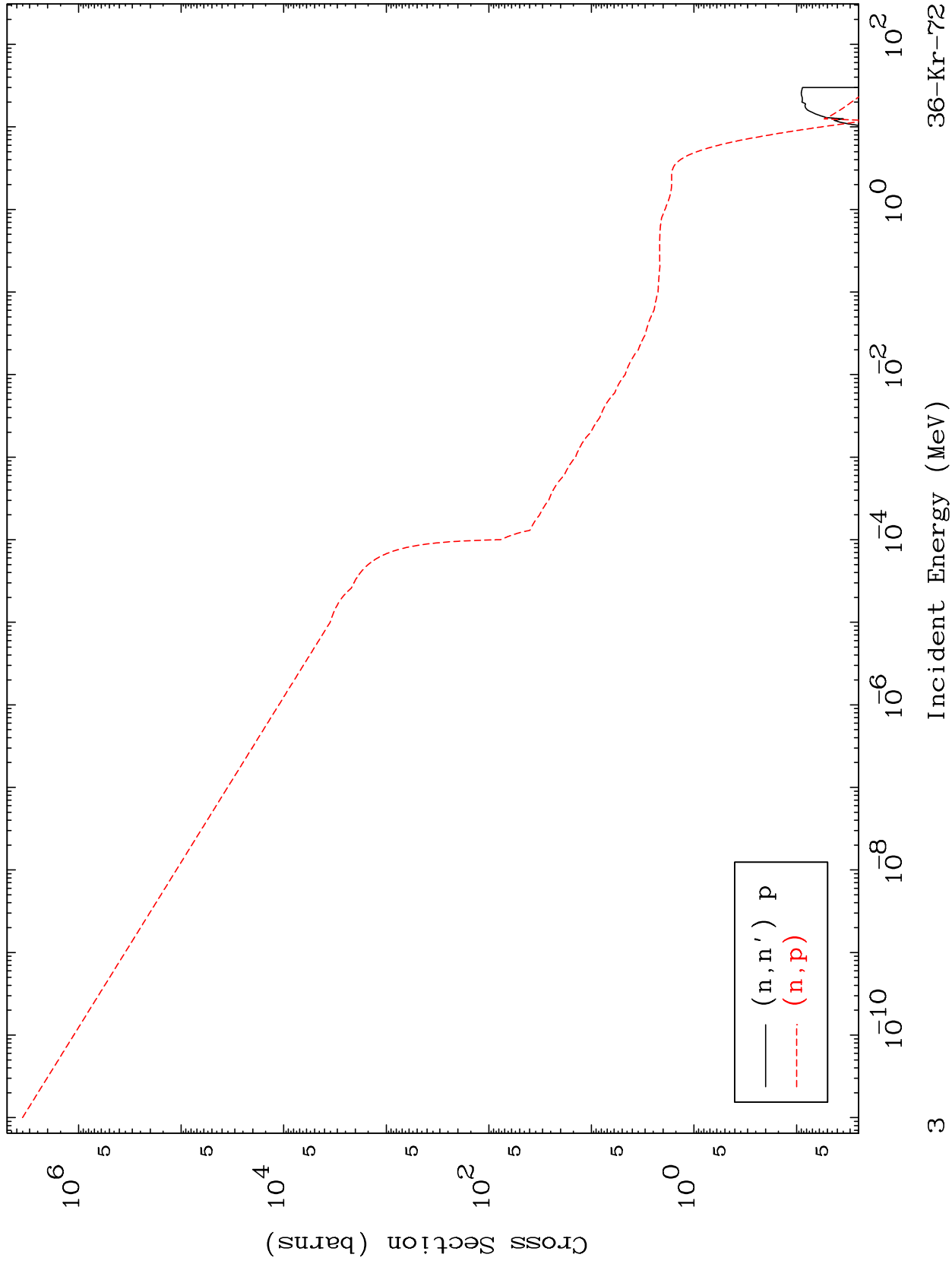
36-Kr-72

2

MAT 3607

Charged Particle  
293 Kelvin Cross Sections

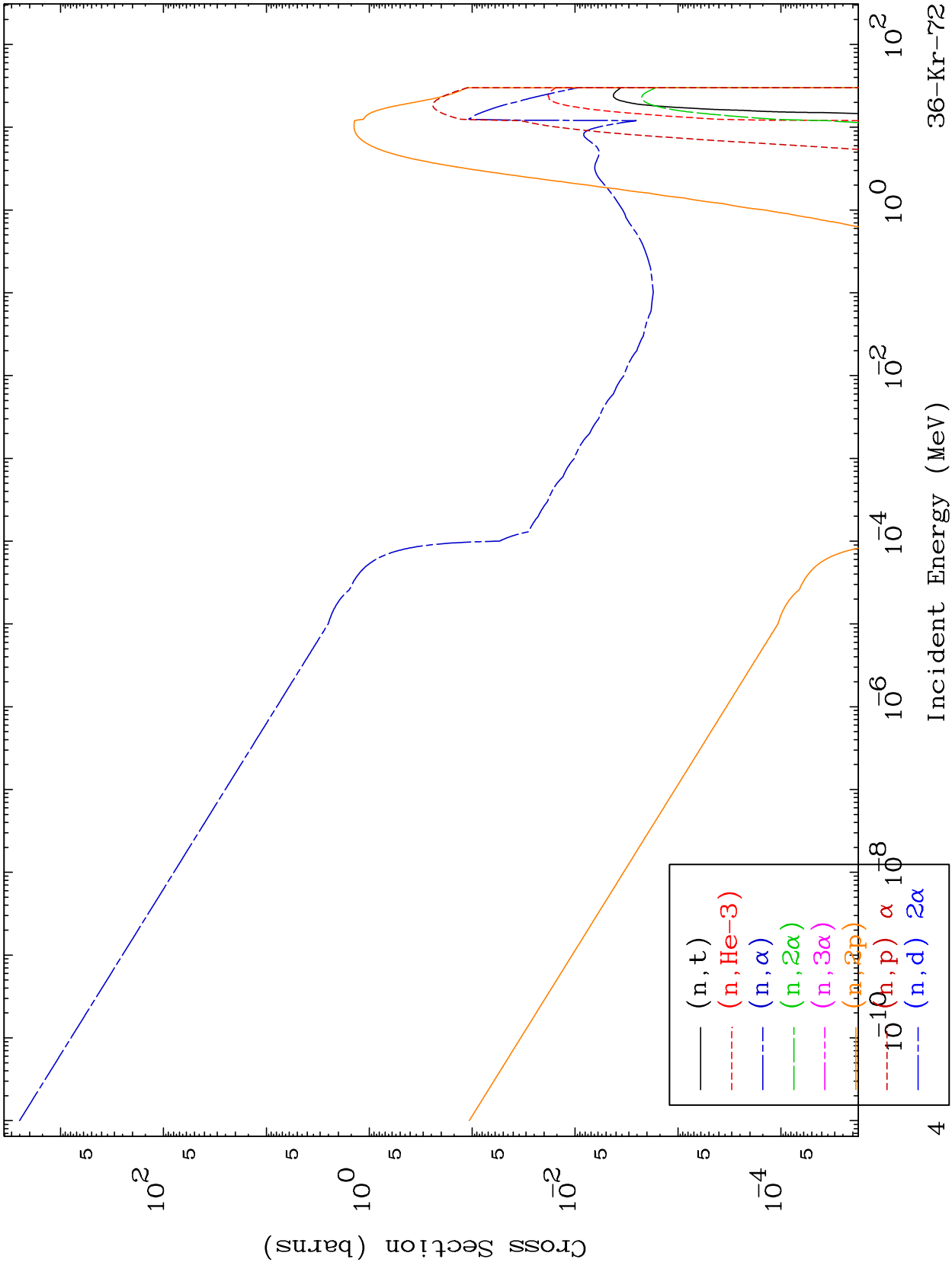
36-Kr-72

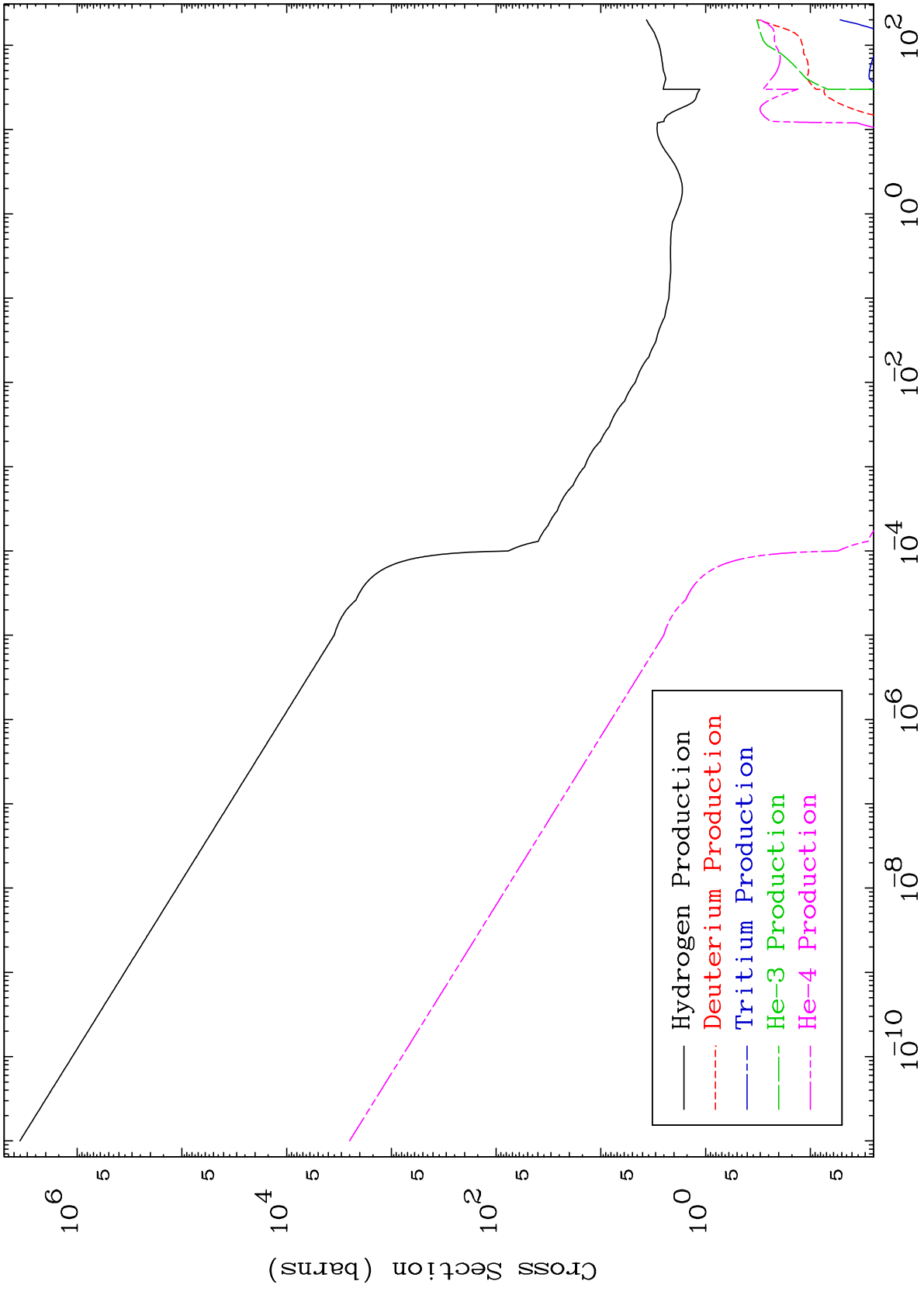


MAT 3607

Charged Particle  
293 Kelvin Cross Sections

36-Kr-72



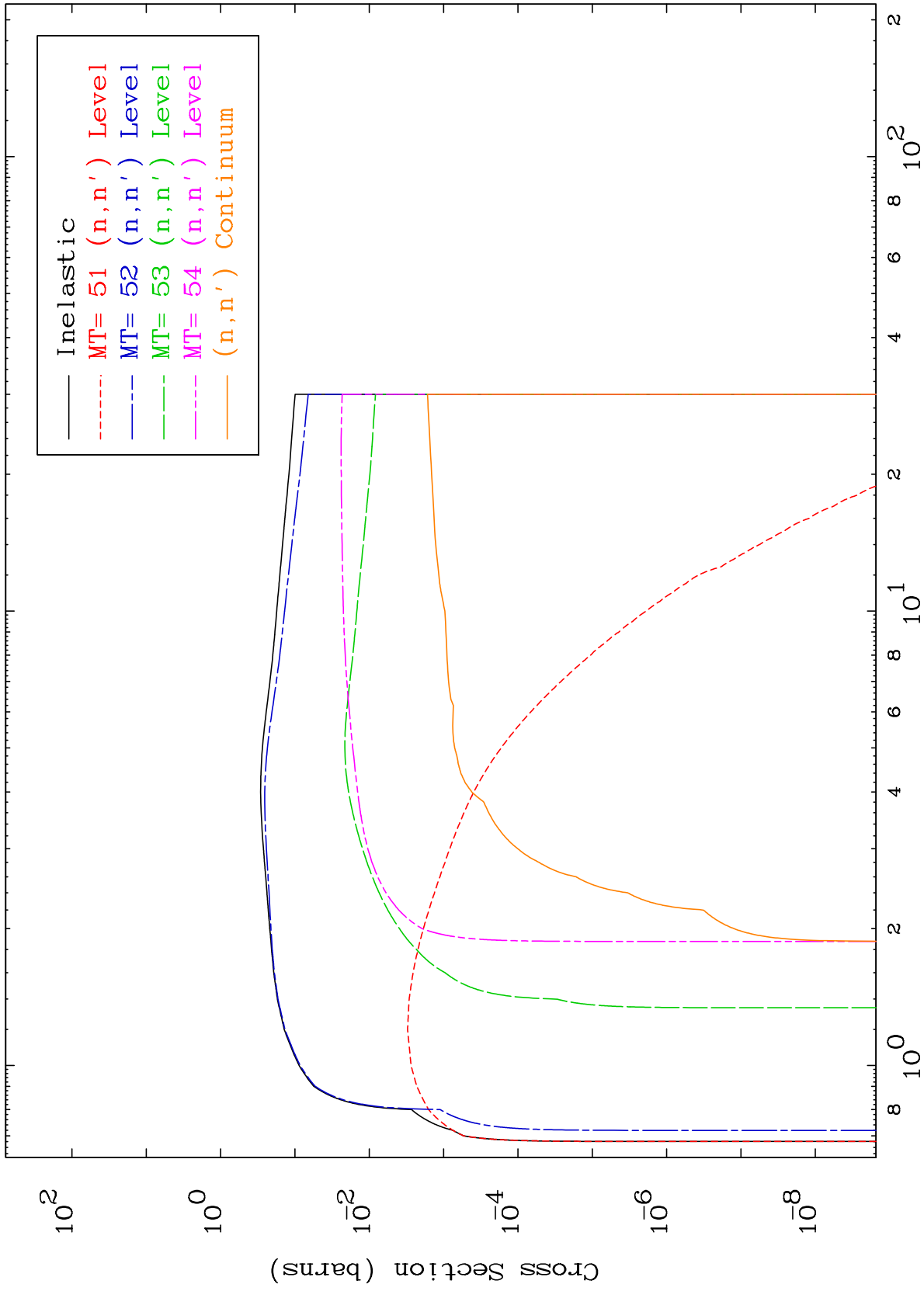


MAT 3607

(n,n') Level

36-Kr-72

293 Kelvin Cross Sections



6

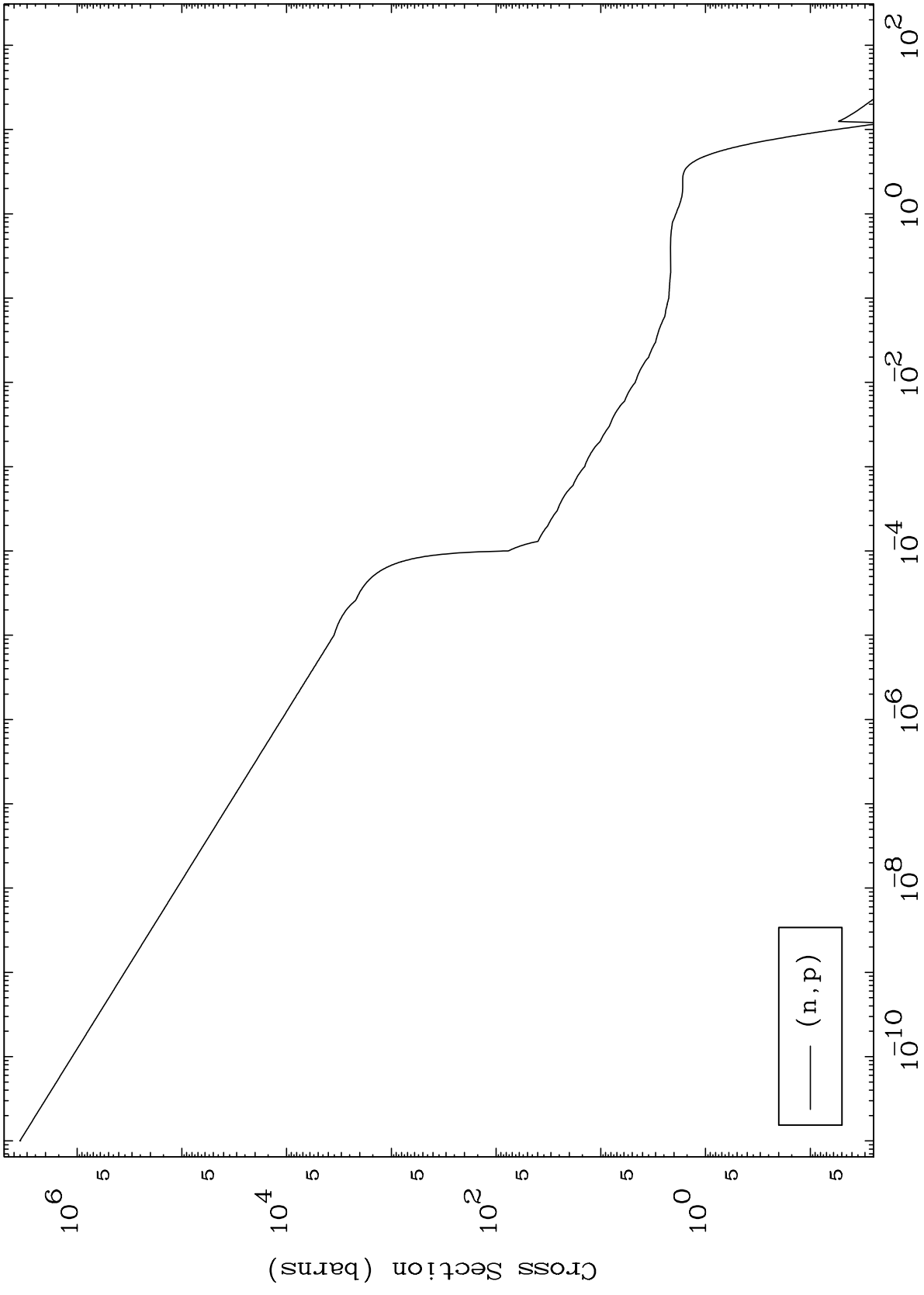
Incident Energy (MeV)

36-Kr-72

MAT 3607

(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-72



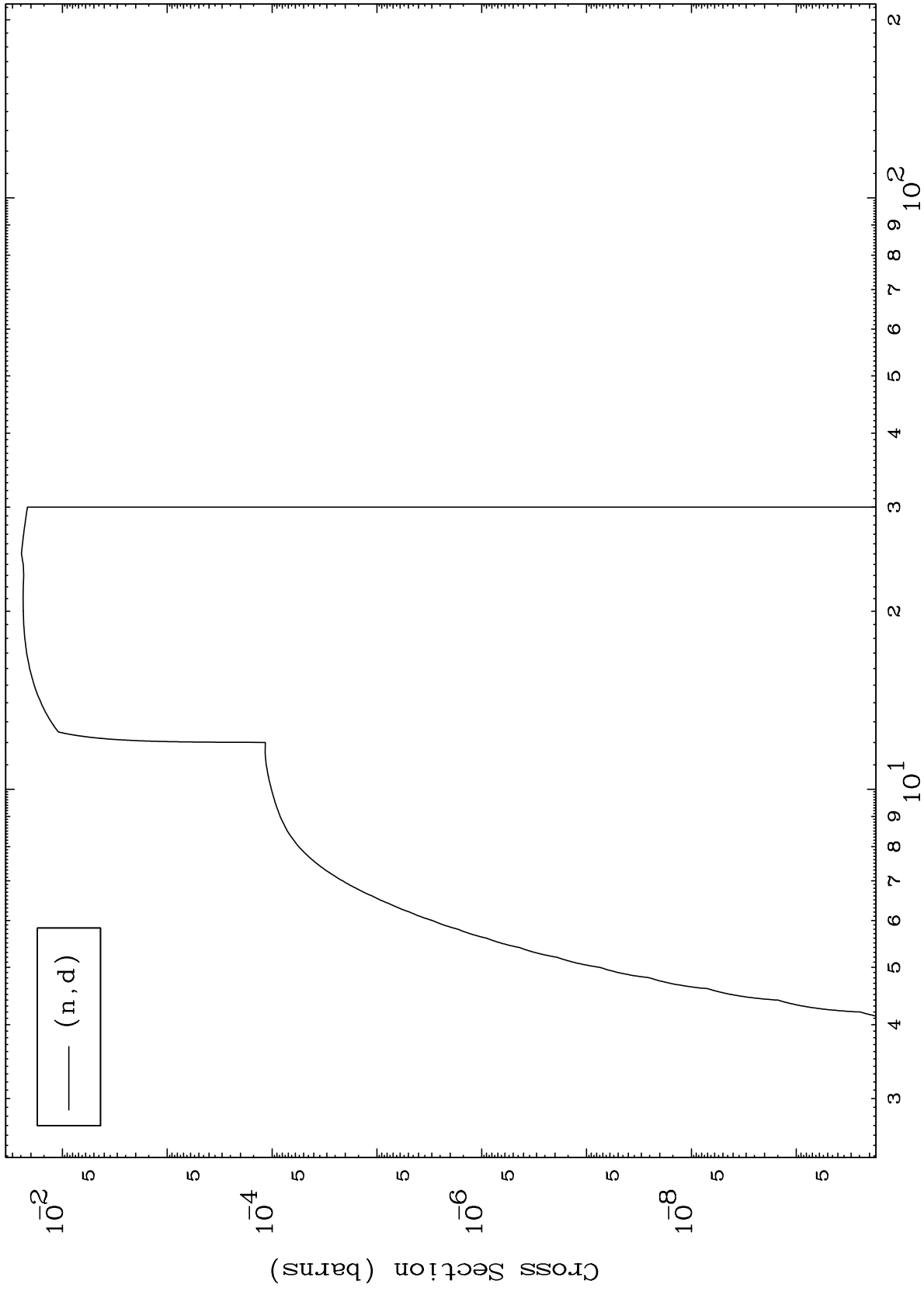
36-Kr-72



MAT 3607

(n,d) Levels  
293 Kelvin Cross Sections

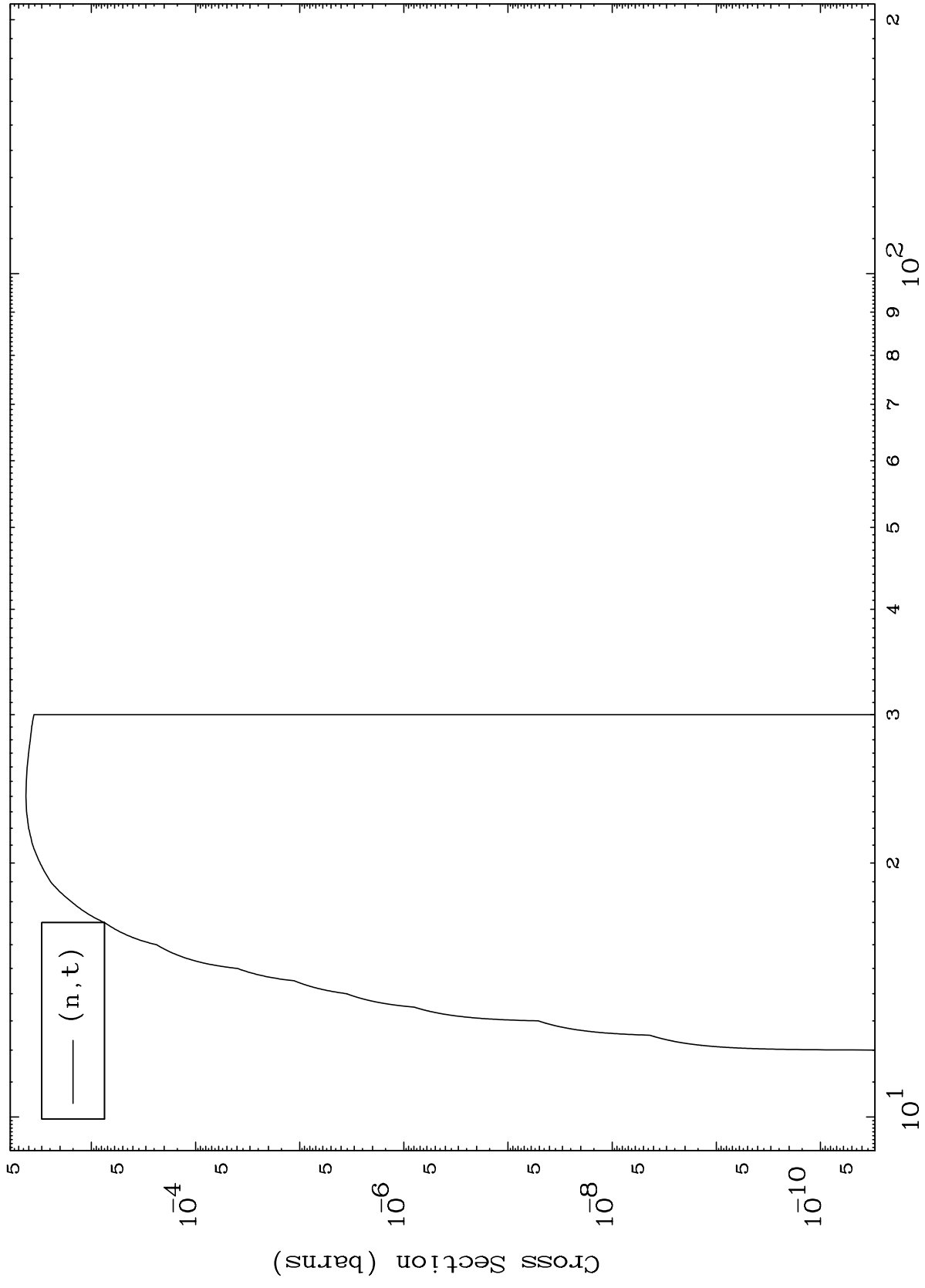
36-Kr-72



MAT 3607

(n,t) Levels  
293 Kelvin Cross Sections

36-Kr-72



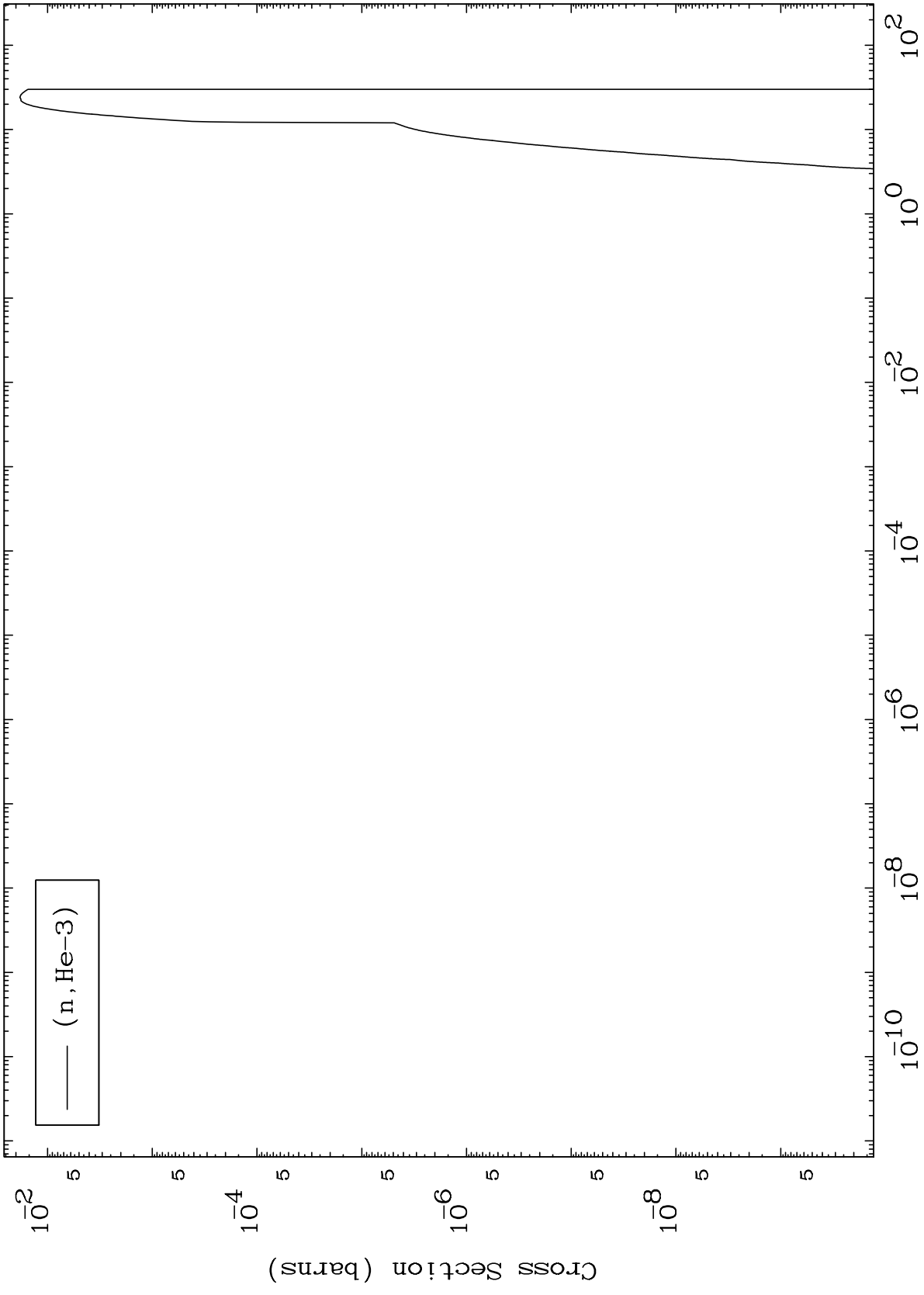
Incident Energy (MeV)

36-Kr-72

MAT 3607

(n,He3) Levels  
293 Kelvin Cross Sections

36-Kr-72



10

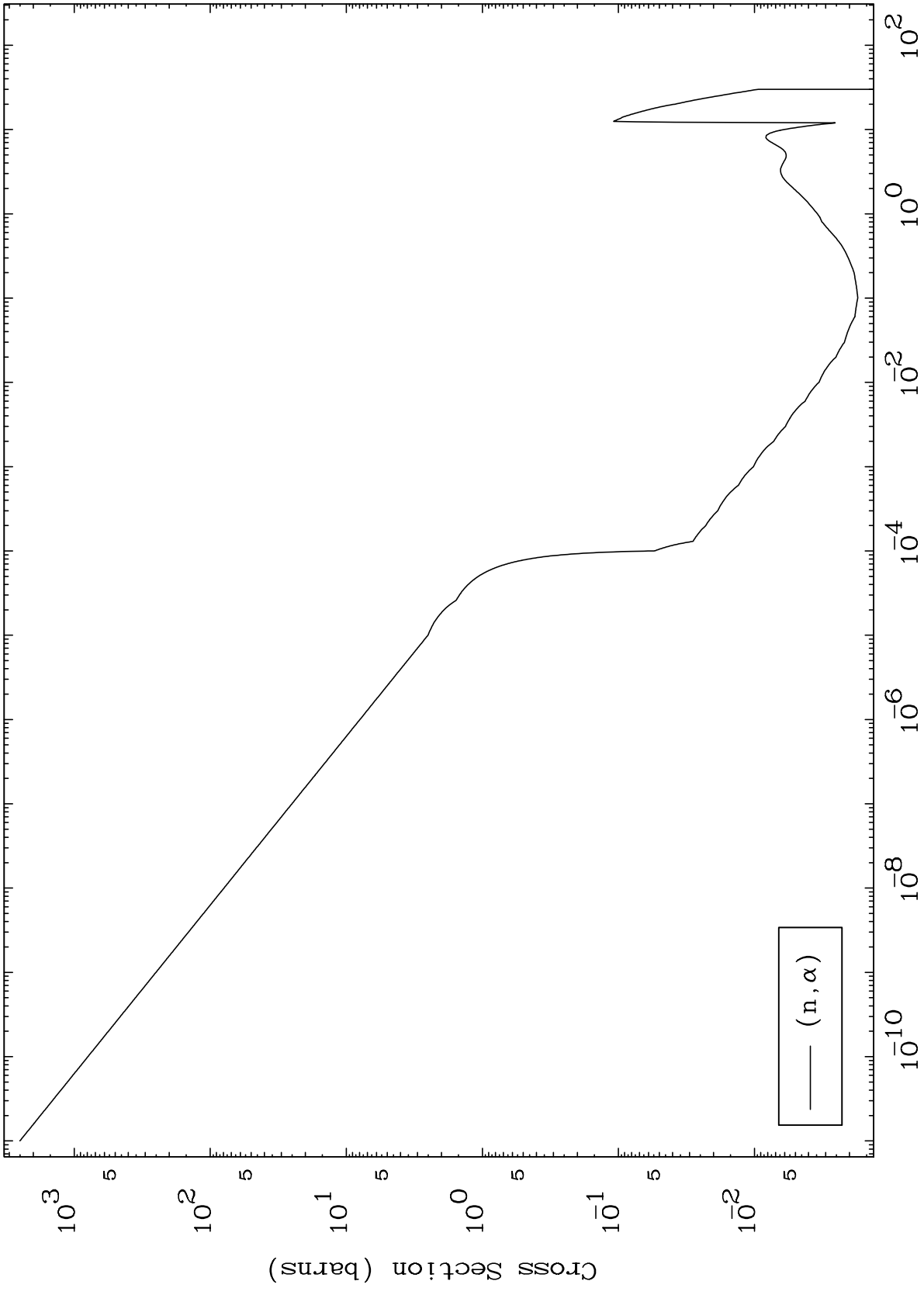
Incident Energy (MeV)

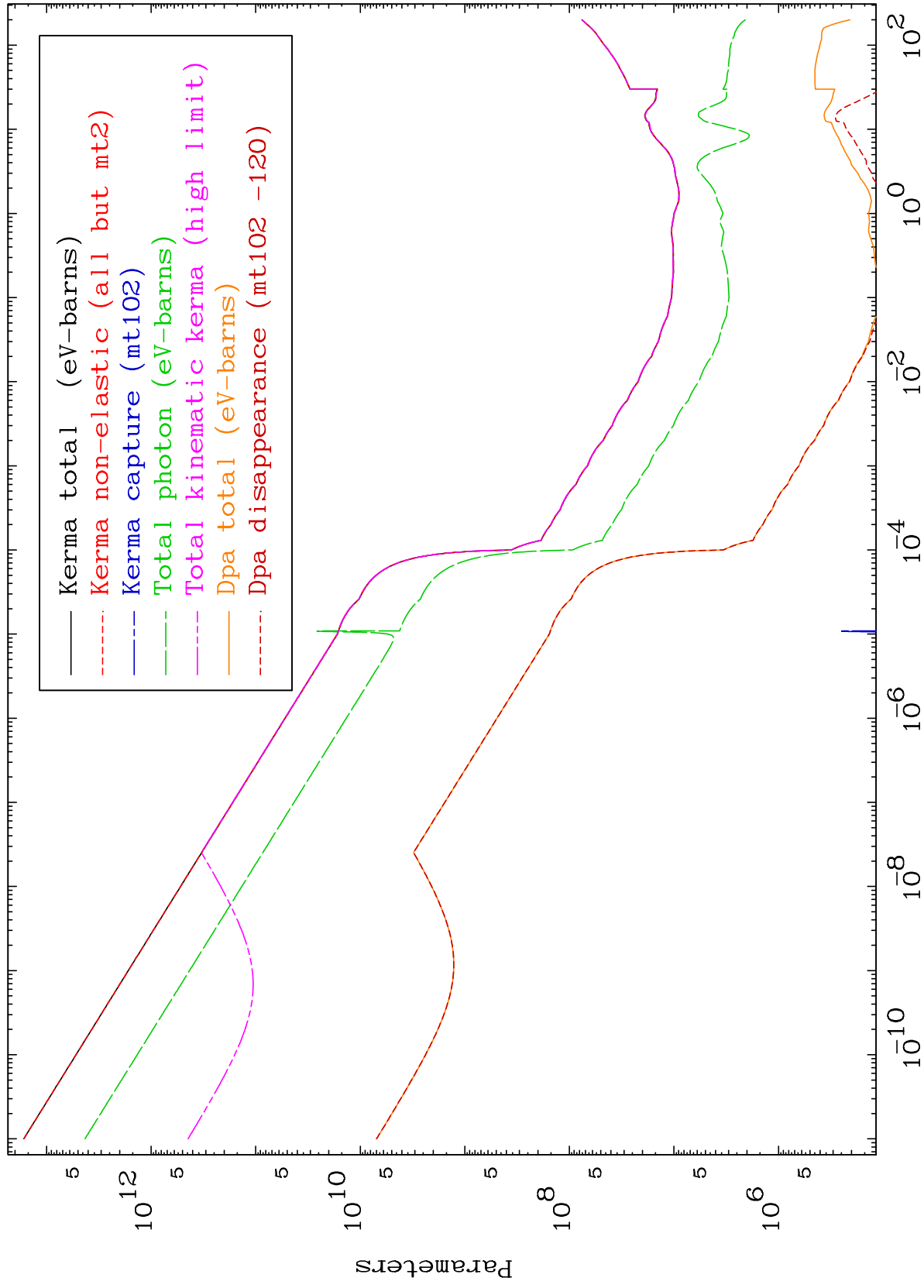
36-Kr-72

MAT 3607

(n,α) Levels  
293 Kelvin Cross Sections

36-Kr-72

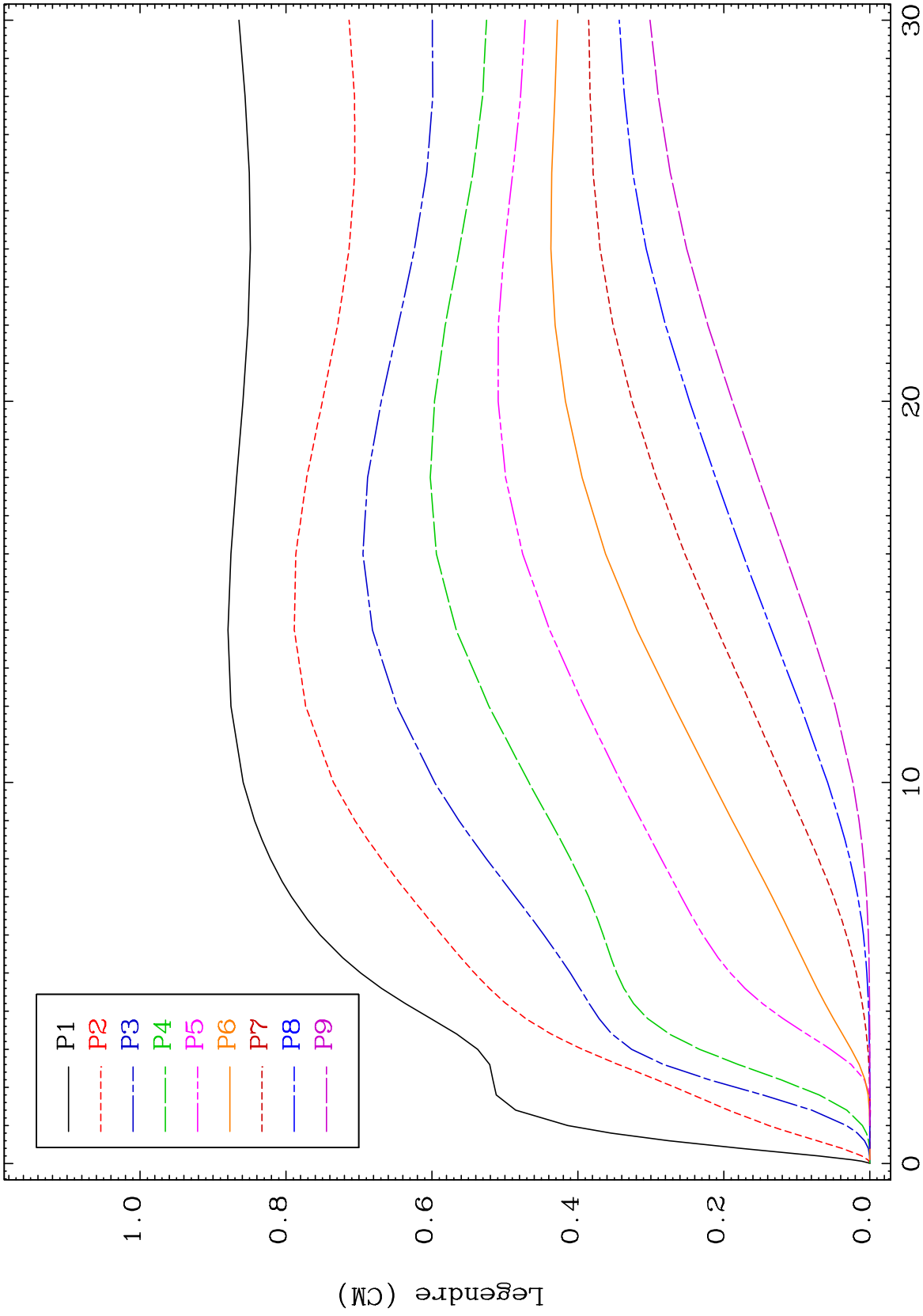




MAT 3607

Elastic Legendre Coefficients

<sup>36</sup>Kr-72



13

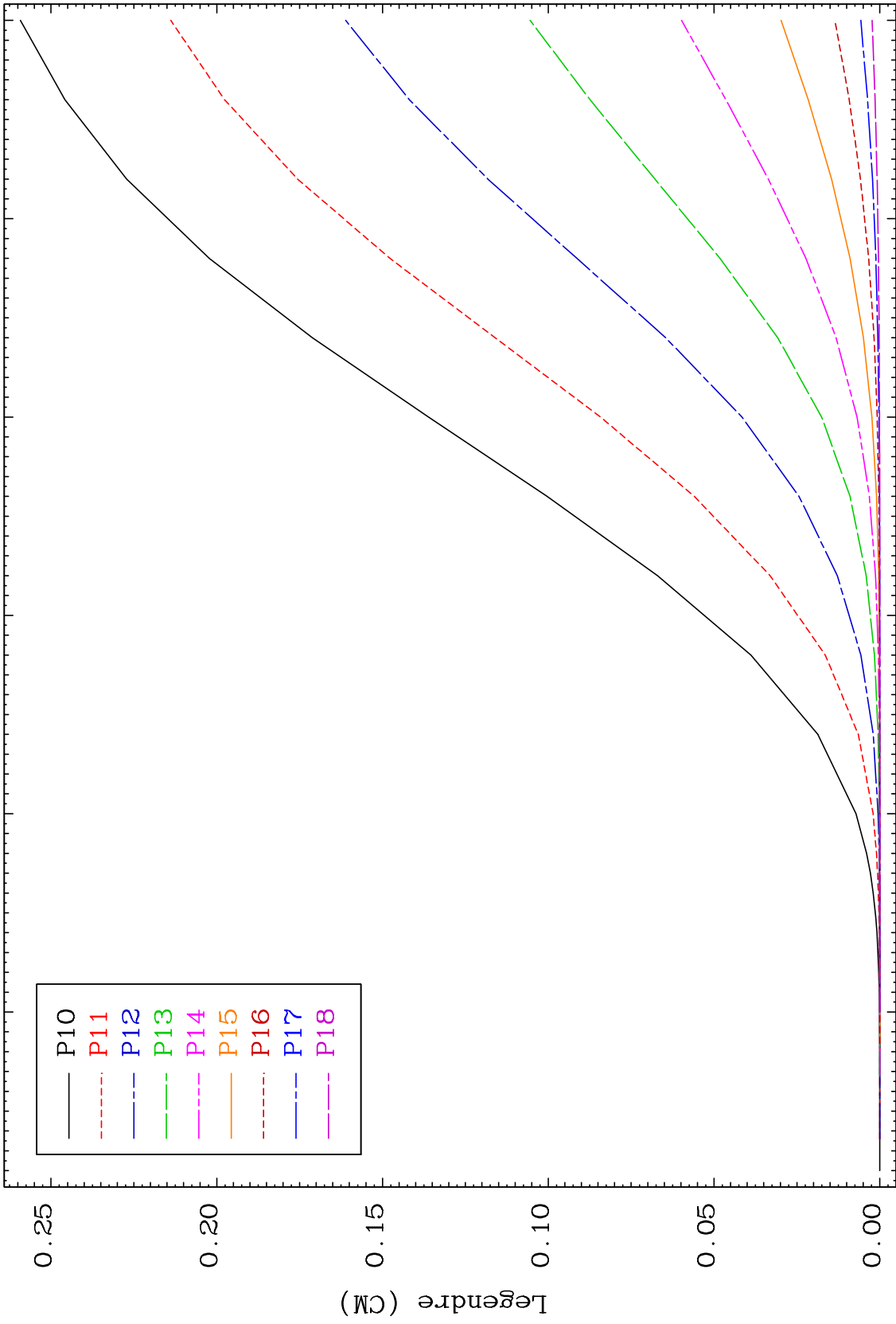
Incident Energy (MeV)

<sup>36</sup>Kr-72

MAT 3607

Elastic Legendre Coefficients

<sup>36</sup>Kr-72



14

Incident Energy (MeV)

<sup>36</sup>Kr-72

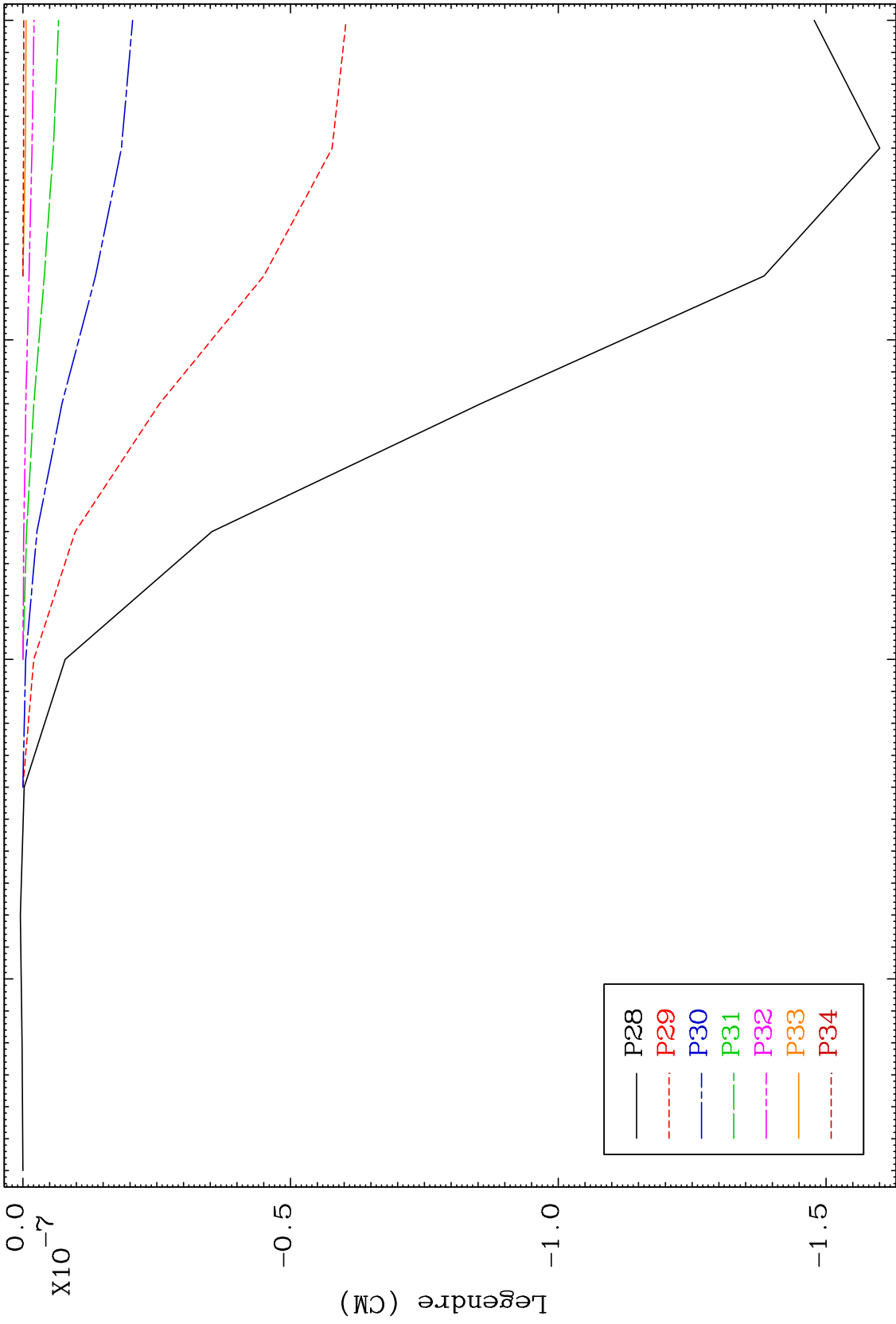




MAT 3607

36-Kr-72

Elastic  
Legendre Coefficients

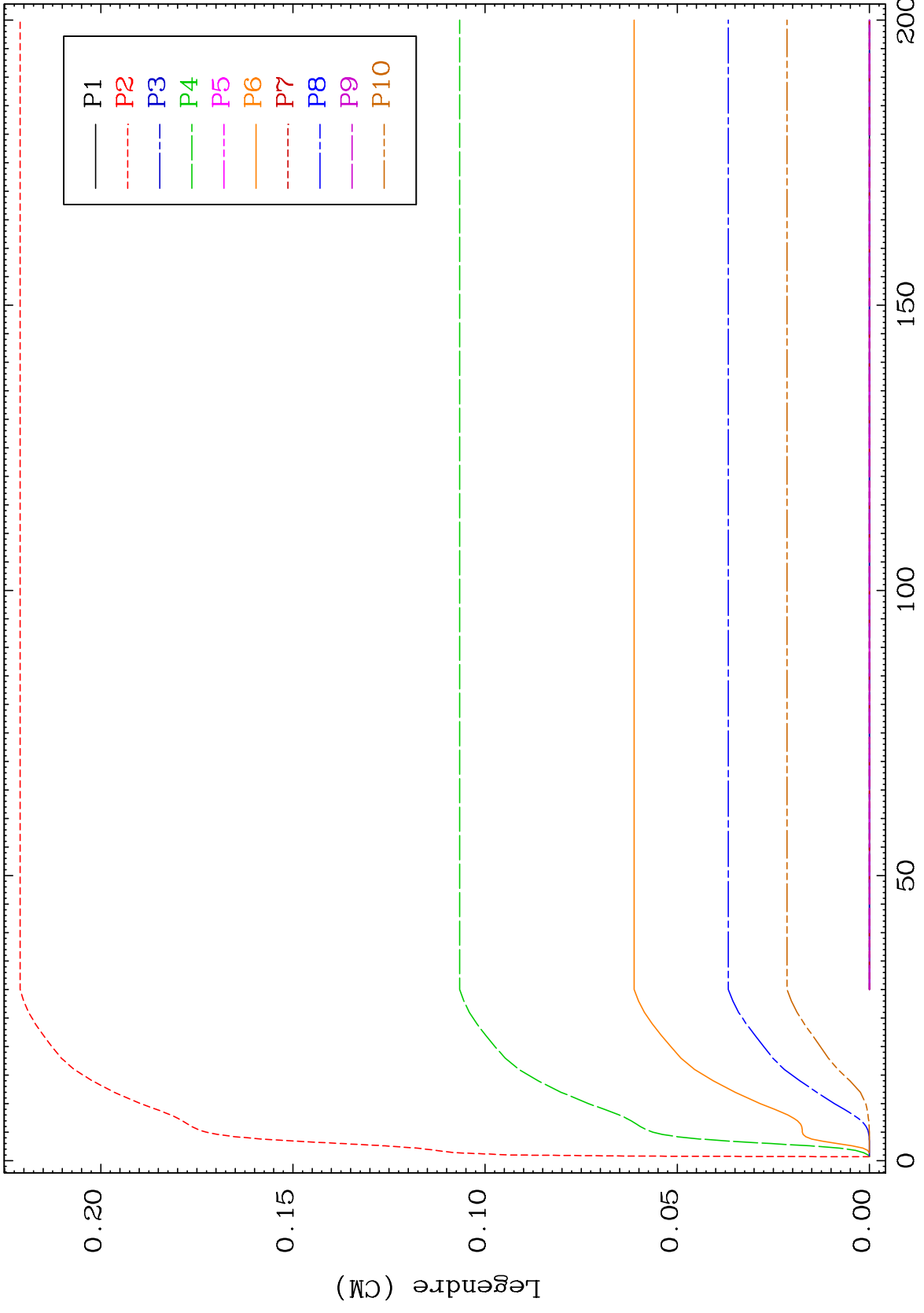


16

Incident Energy (MeV)

36-Kr-72

MAT 3607 MT= 51 (n,n') Level Legendre Coefficients 36-Kr-72

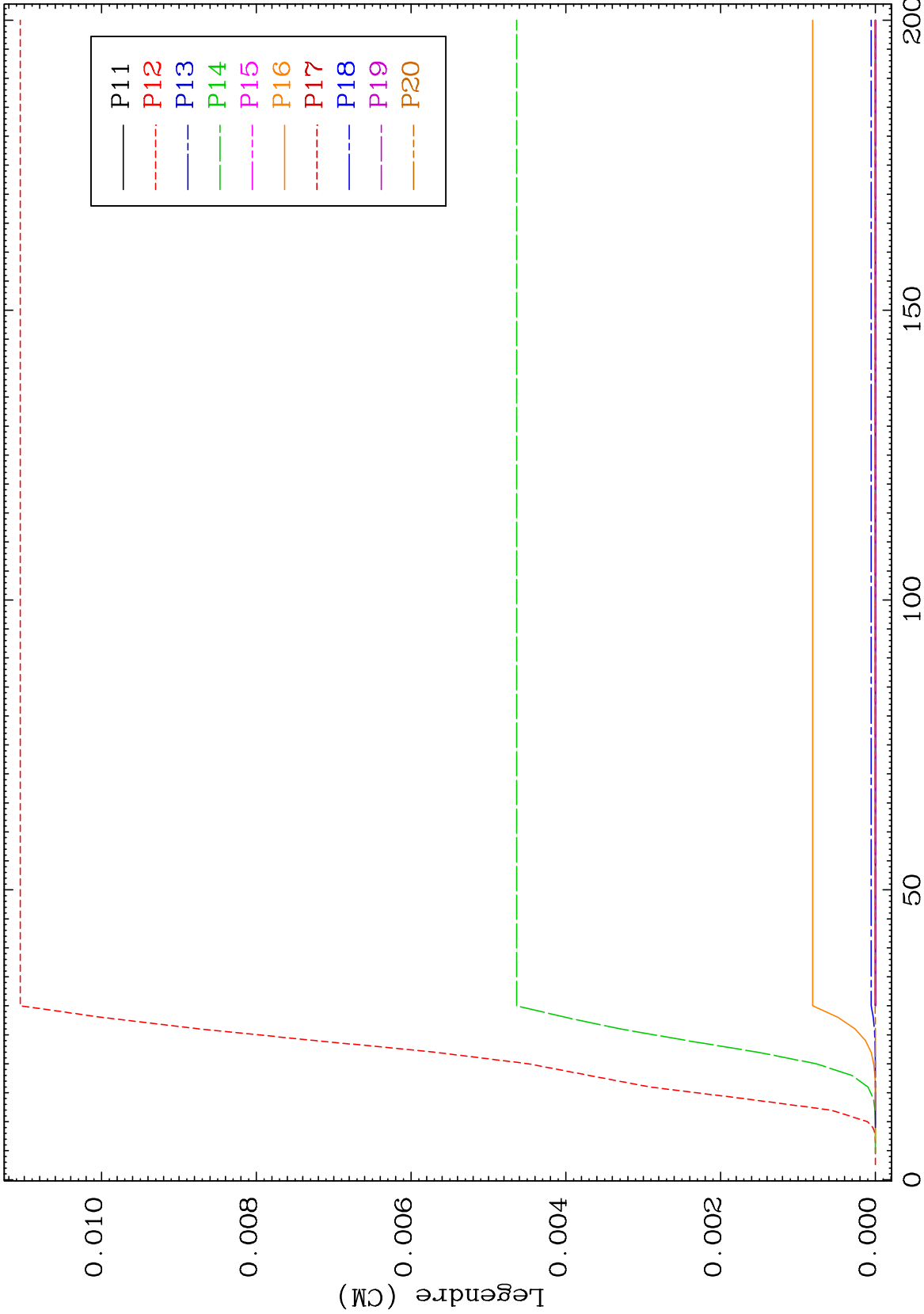


17 36-Kr-72

MAT 3607

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

36-Kr-72



18

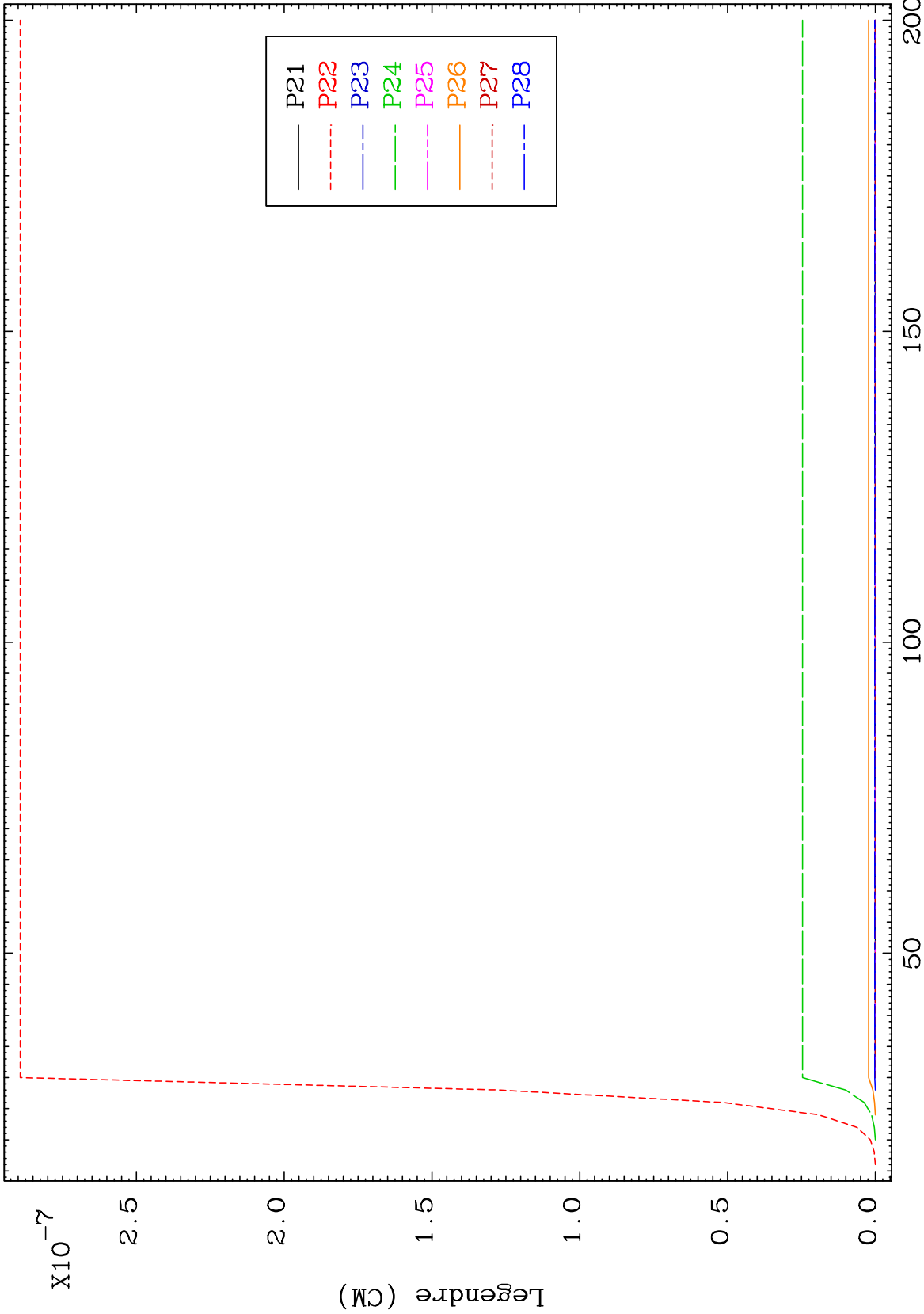
Incident Energy (MeV)

36-Kr-72

MAT 3607

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

36-Kr-72



19

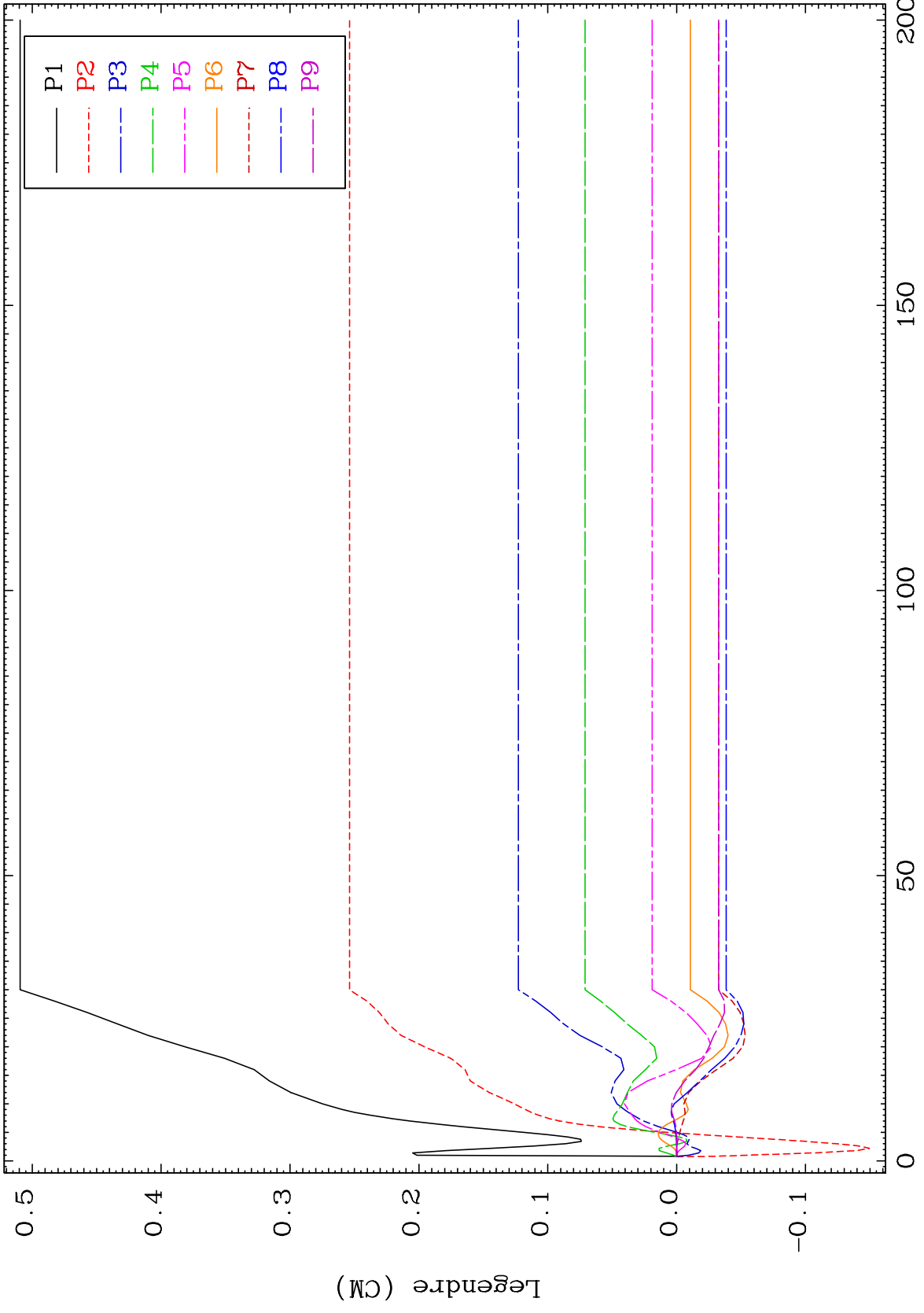
Incident Energy (MeV)

36-Kr-72

MAT 3607

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

36-Kr-72



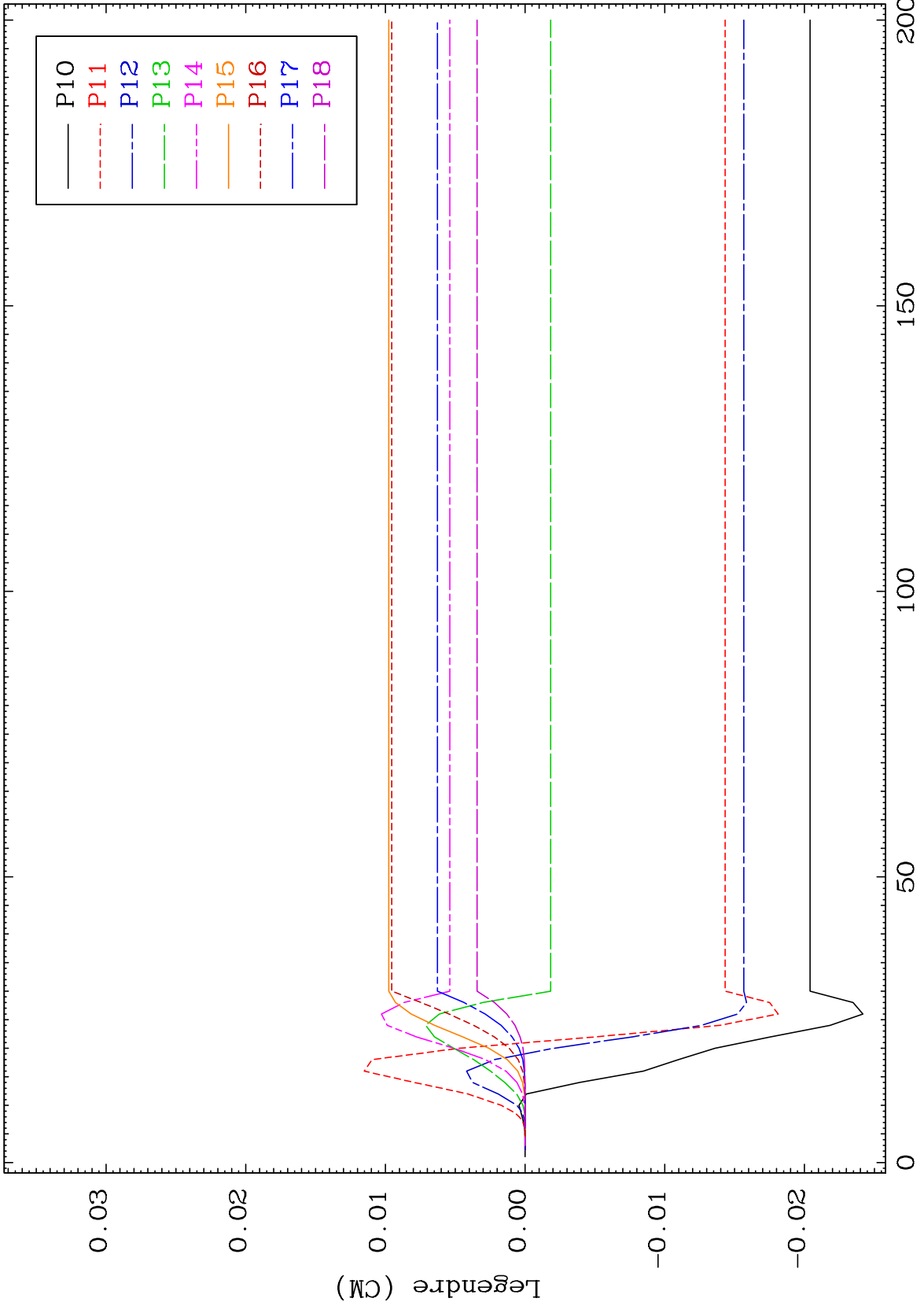
36-Kr-72

Incident Energy (MeV)

MAT 3607

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

36-Kr-72



21

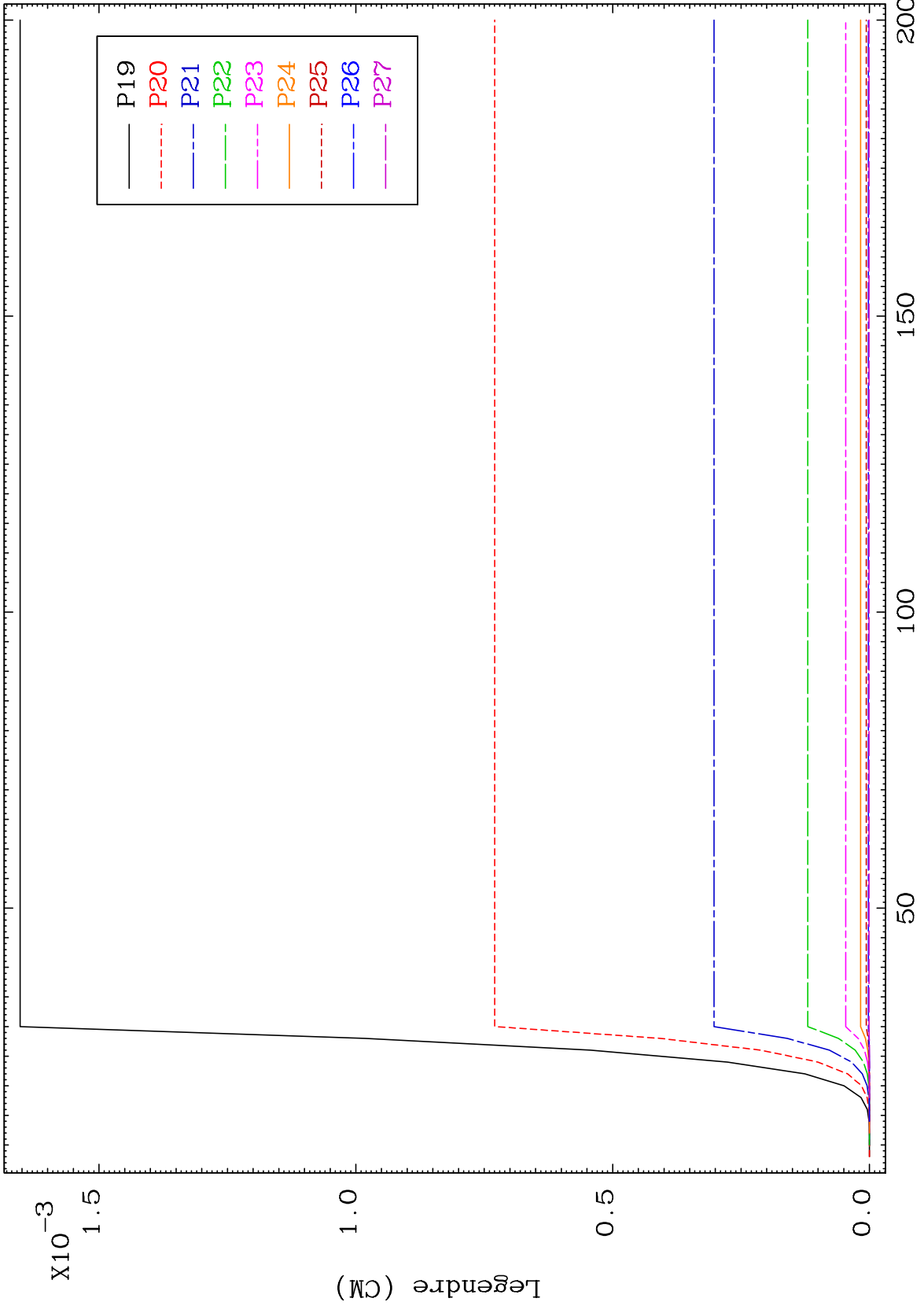
Incident Energy (MeV)

36-Kr-72

MAT 3607

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

36-Kr-72



22

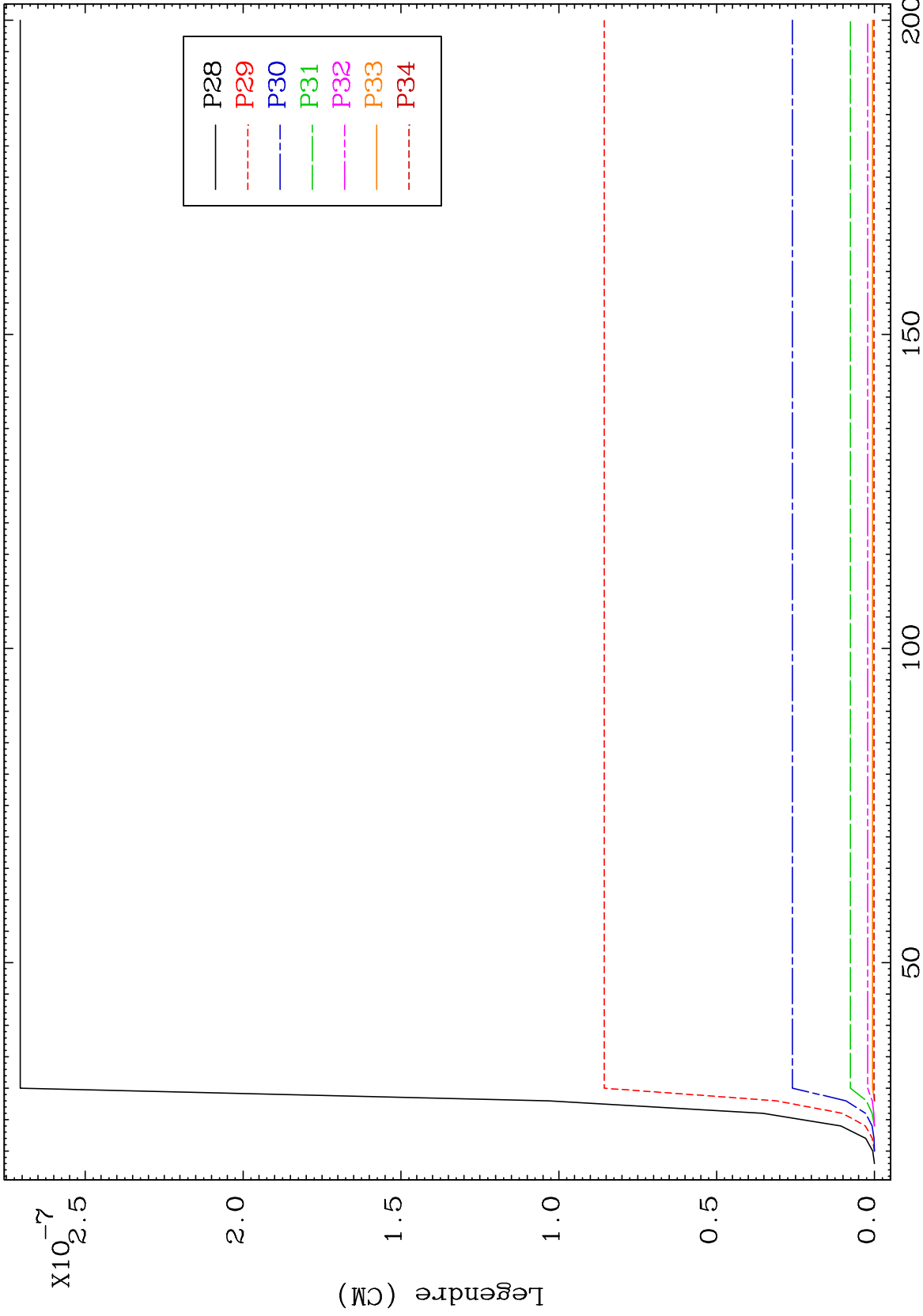
Incident Energy (MeV)

36-Kr-72

MAT 3607

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

36-Kr-72



23

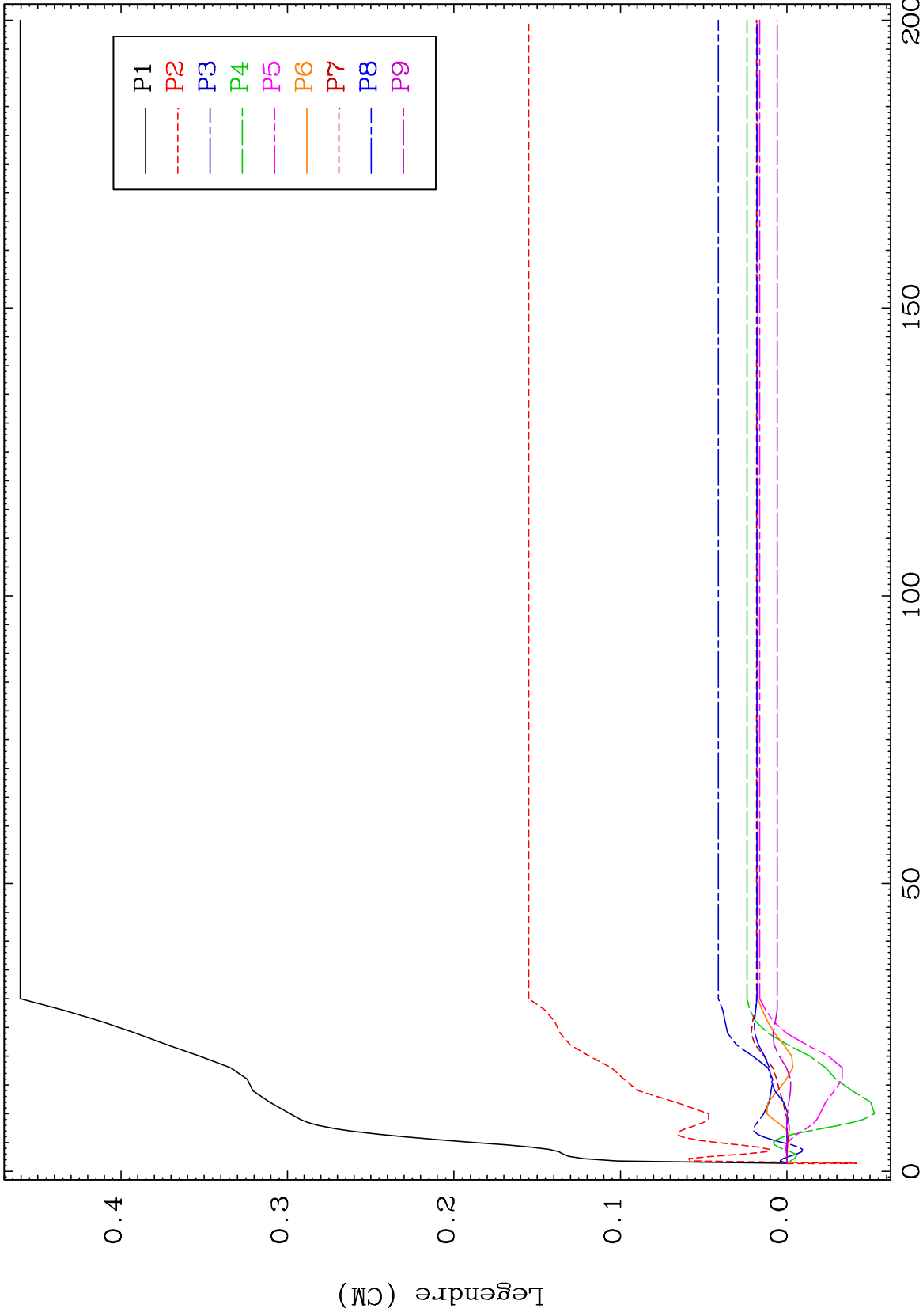
36-Kr-72



MAT 3607

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

36-Kr-72



24

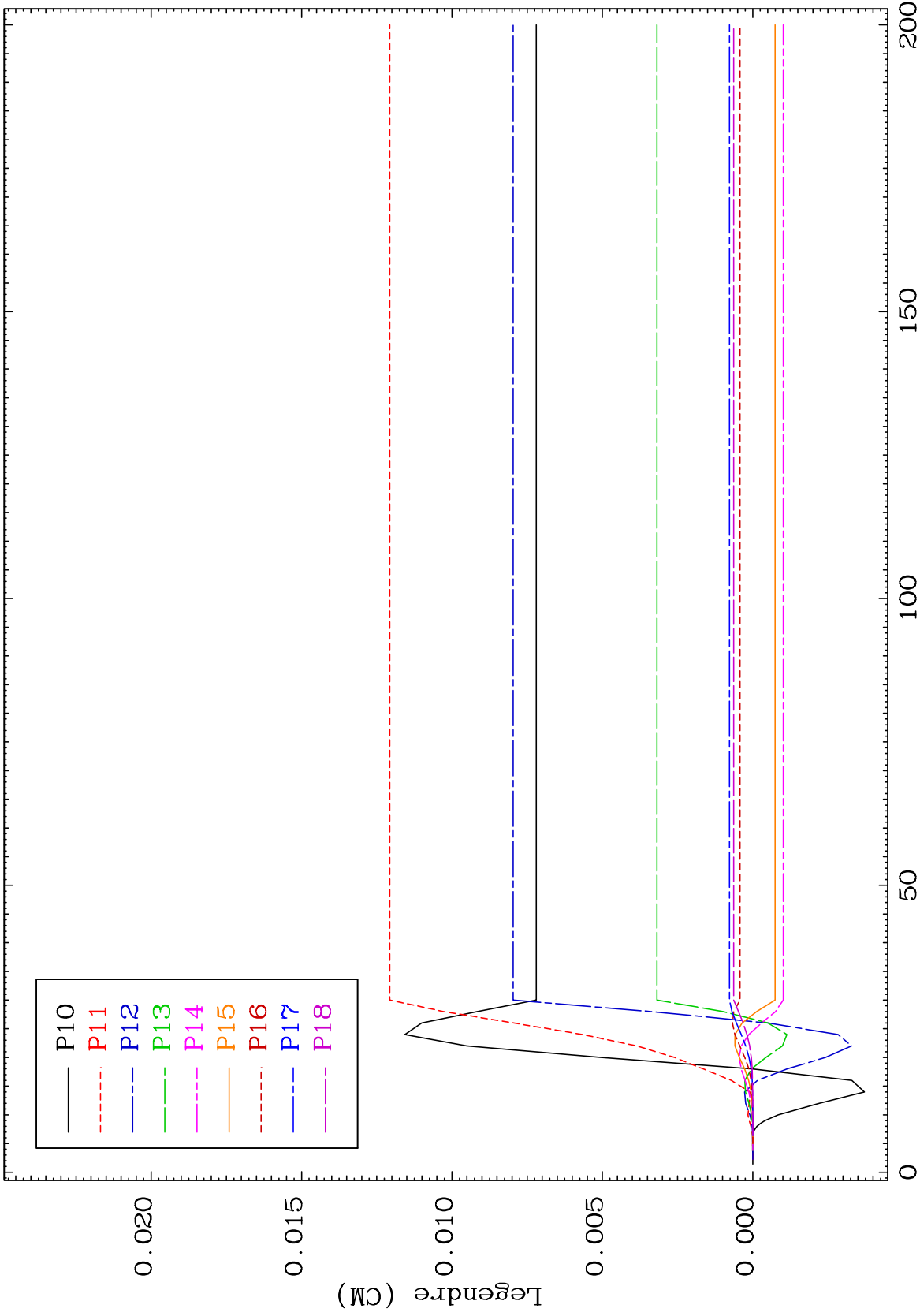
Incident Energy (MeV)

36-Kr-72

MAT 3607

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

36-Kr-72



25

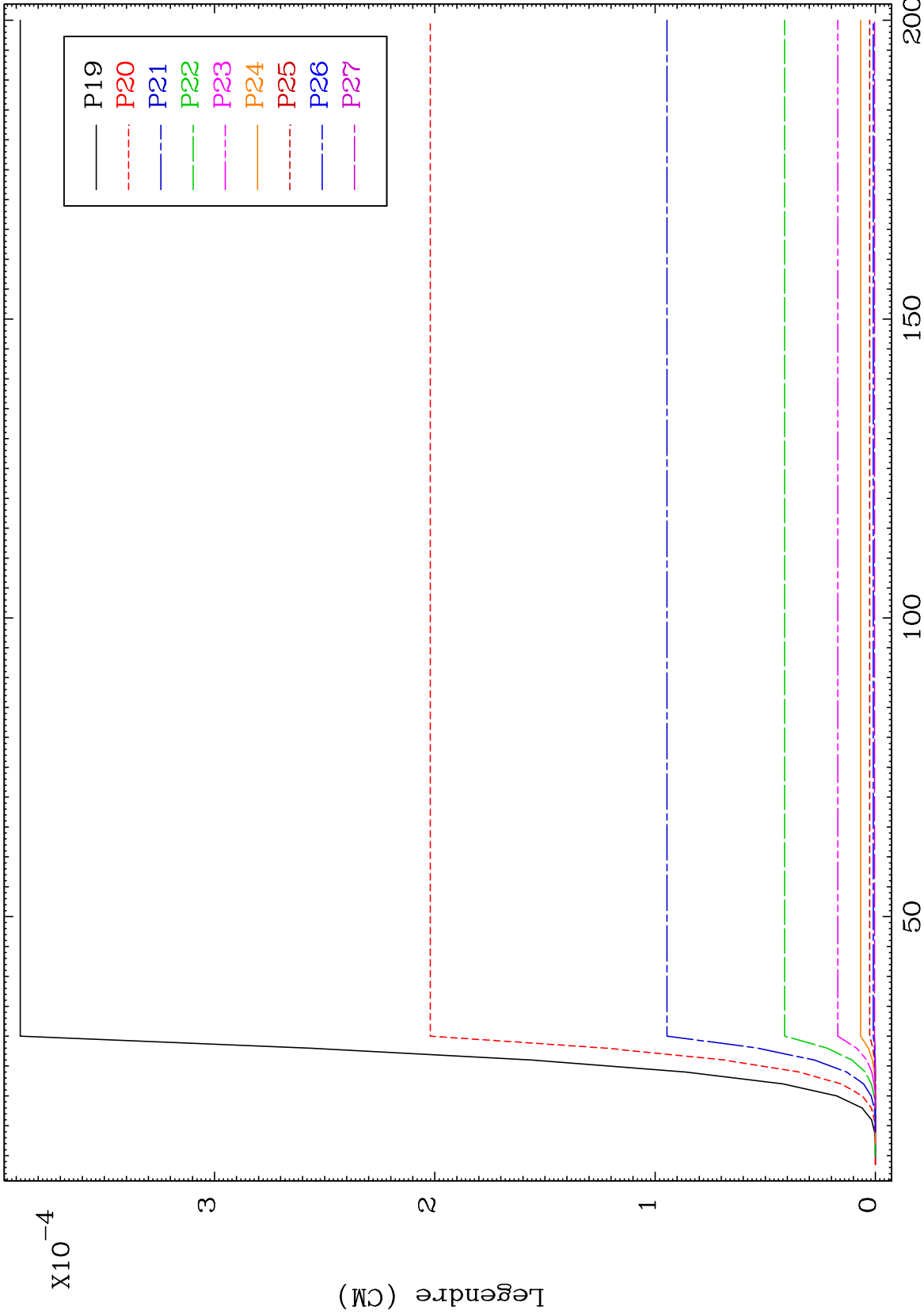
Incident Energy (MeV)

36-Kr-72

MAT 3607

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

36-Kr-72



26

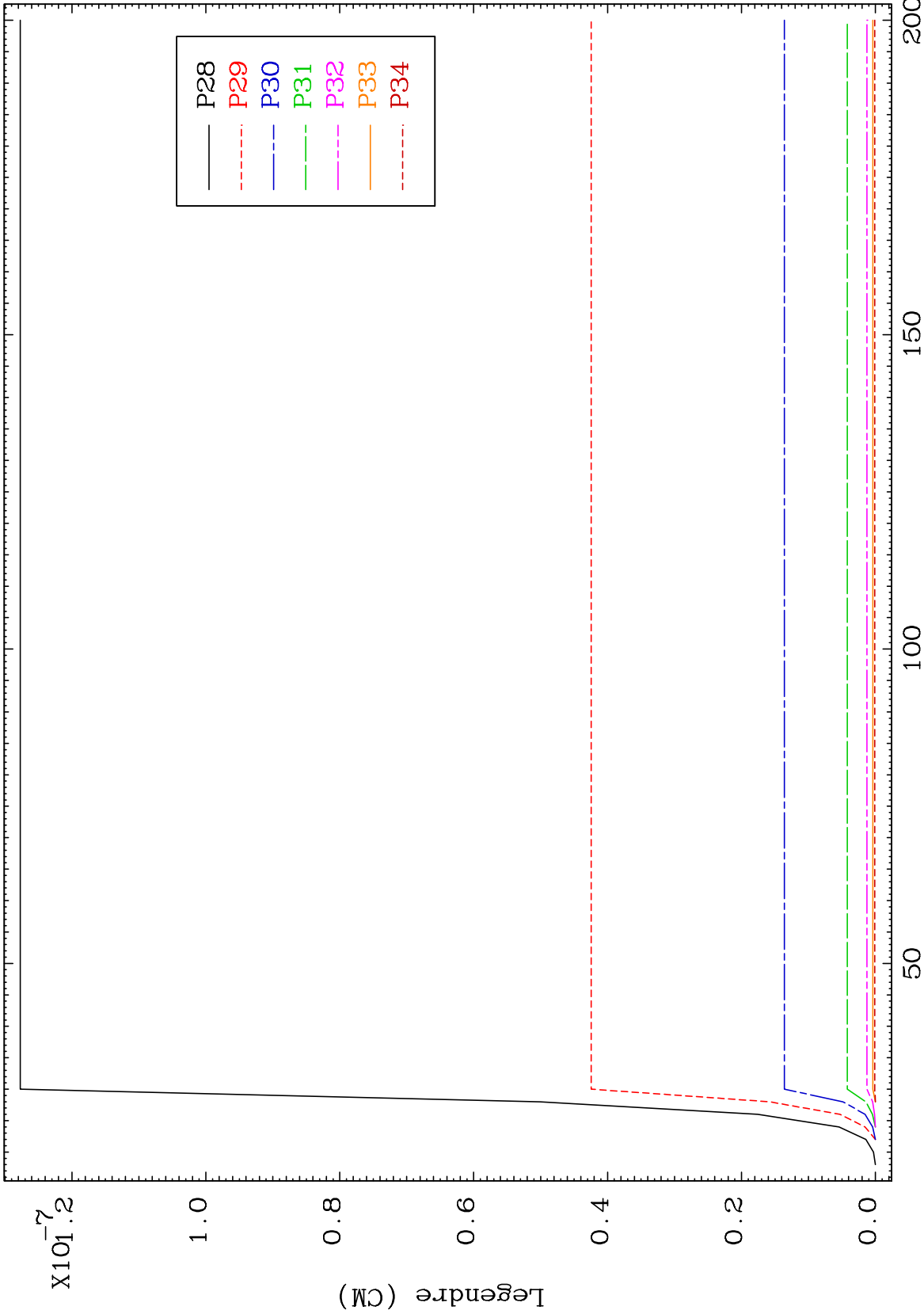
Incident Energy (MeV)

36-Kr-72

MAT 3607

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

36-Kr-72



27

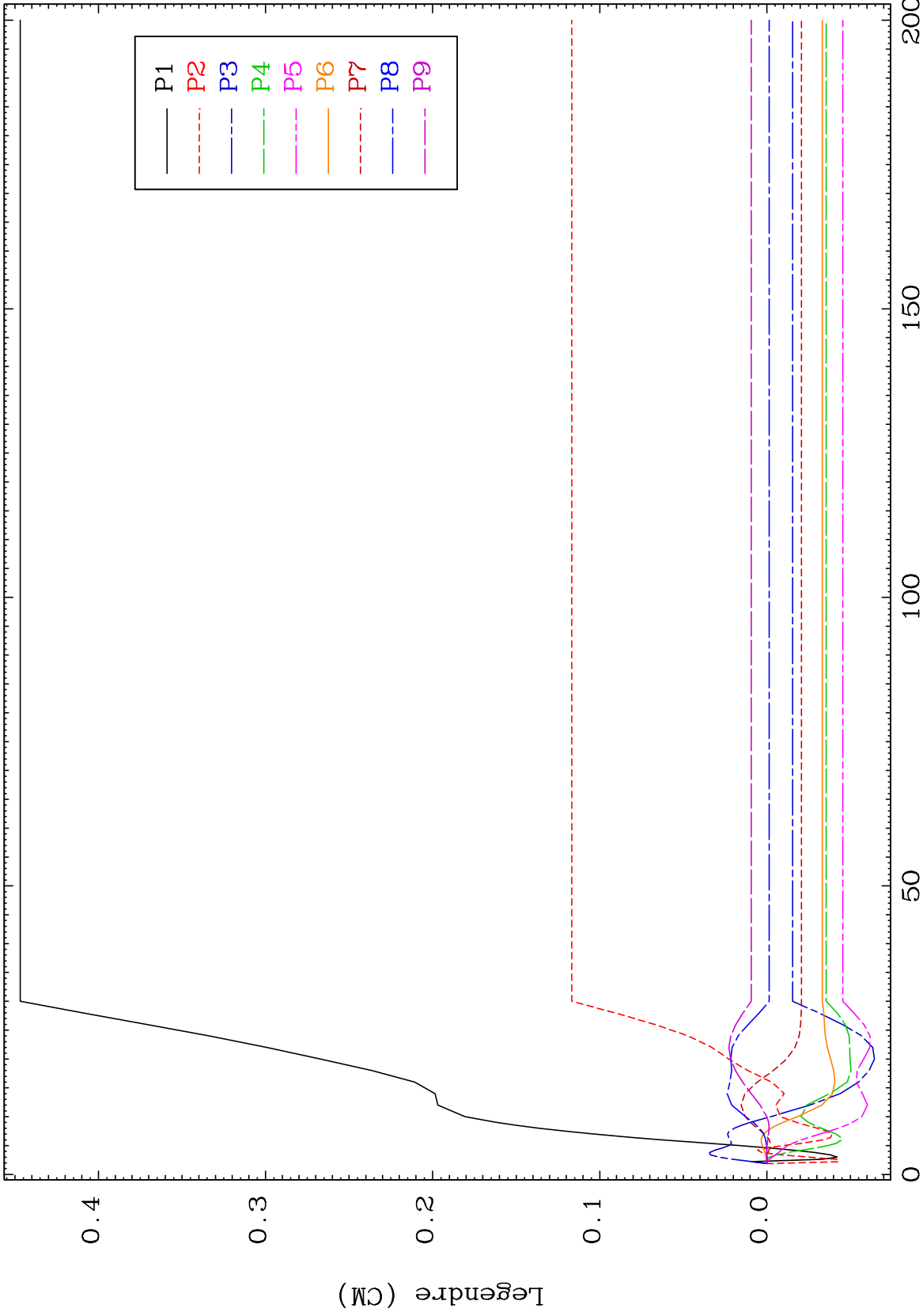
Incident Energy (MeV)

36-Kr-72

MAT 3607

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

36-Kr-72

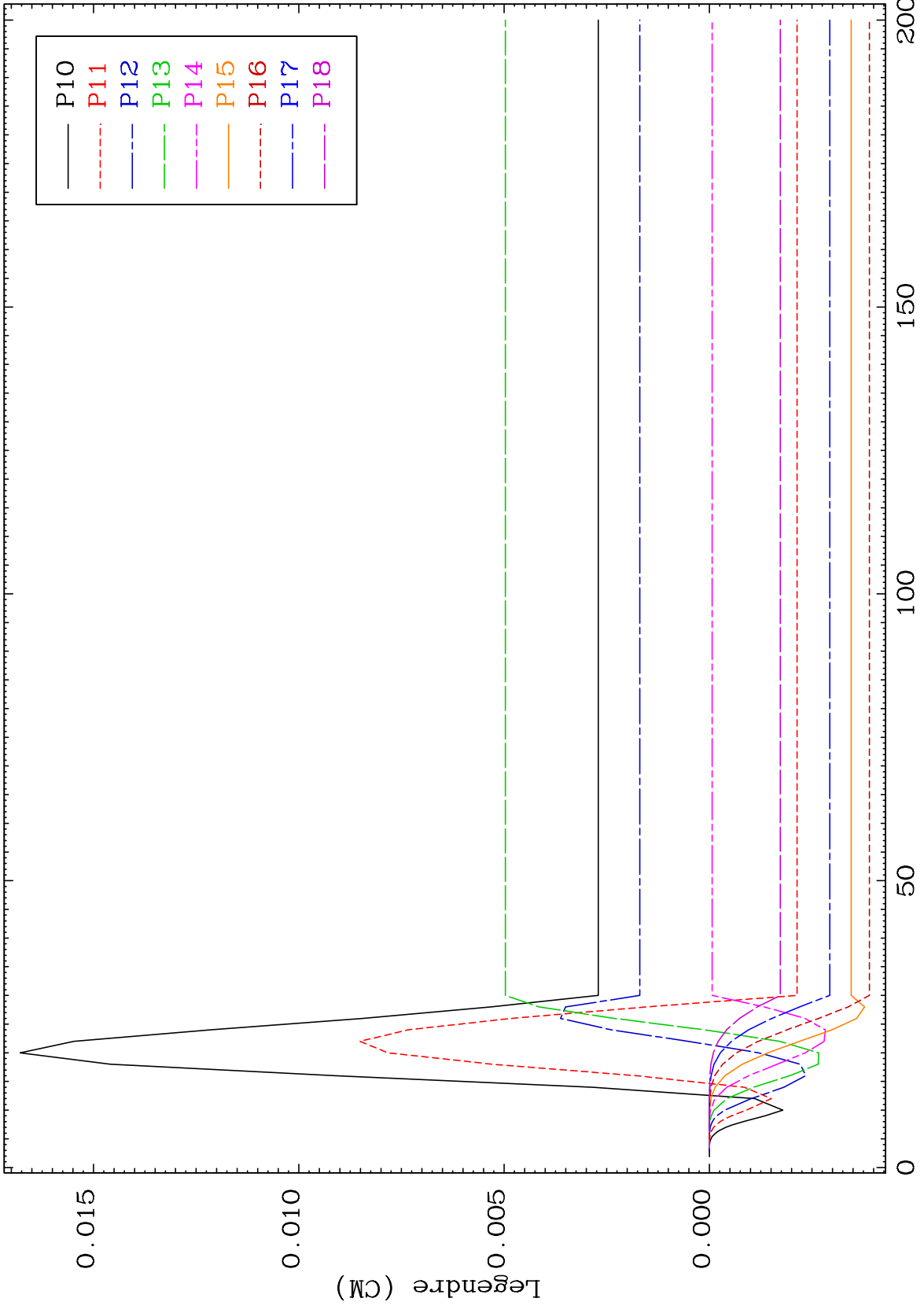


28

Incident Energy (MeV)

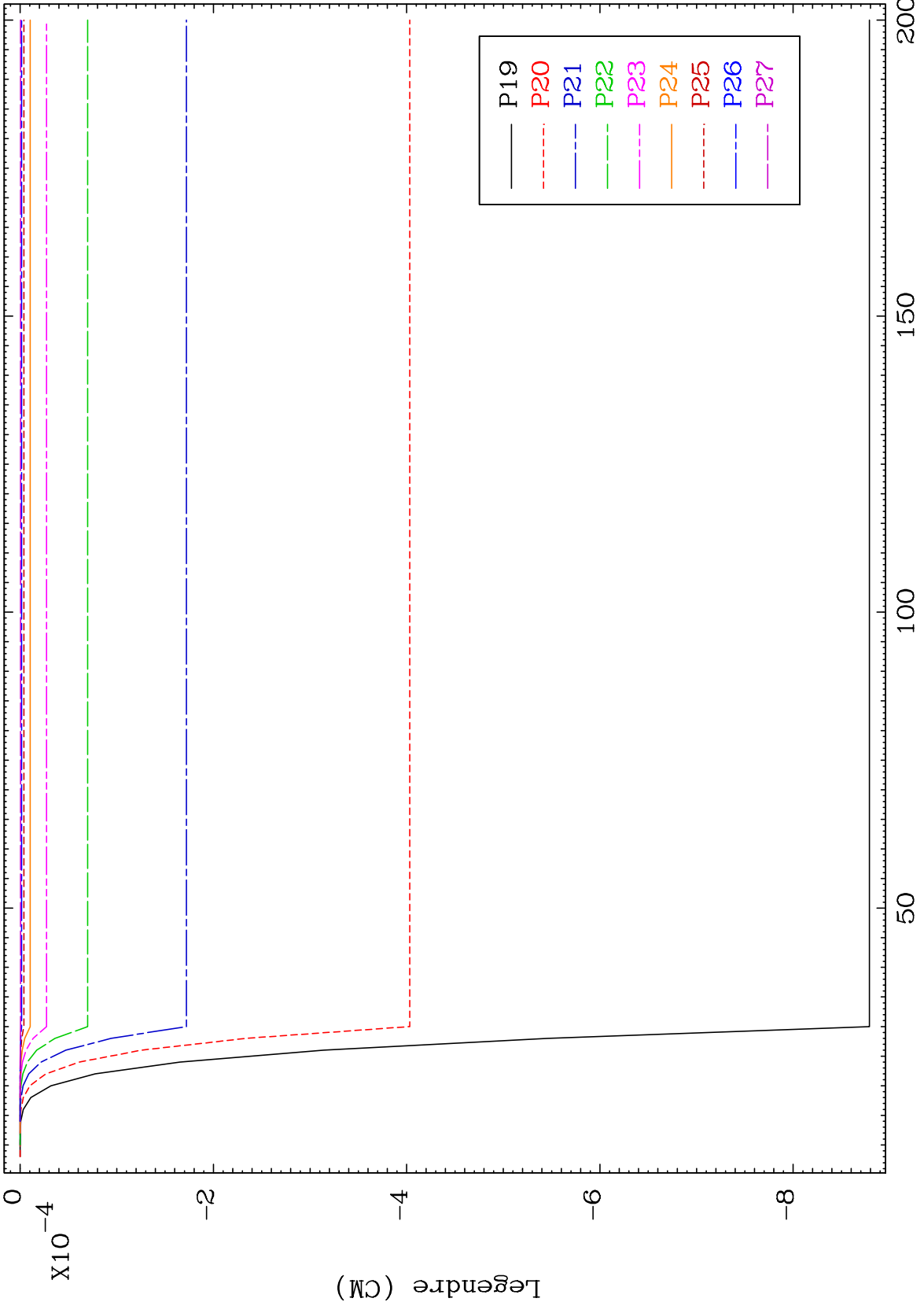
36-Kr-72

MAT 3607 MT= 54 (n,n') Level Legendre Coefficients 36-Kr-72



29 36-Kr-72

MAT 3607 MT= 54 (n,n') Level Legendre Coefficients 36-Kr-72

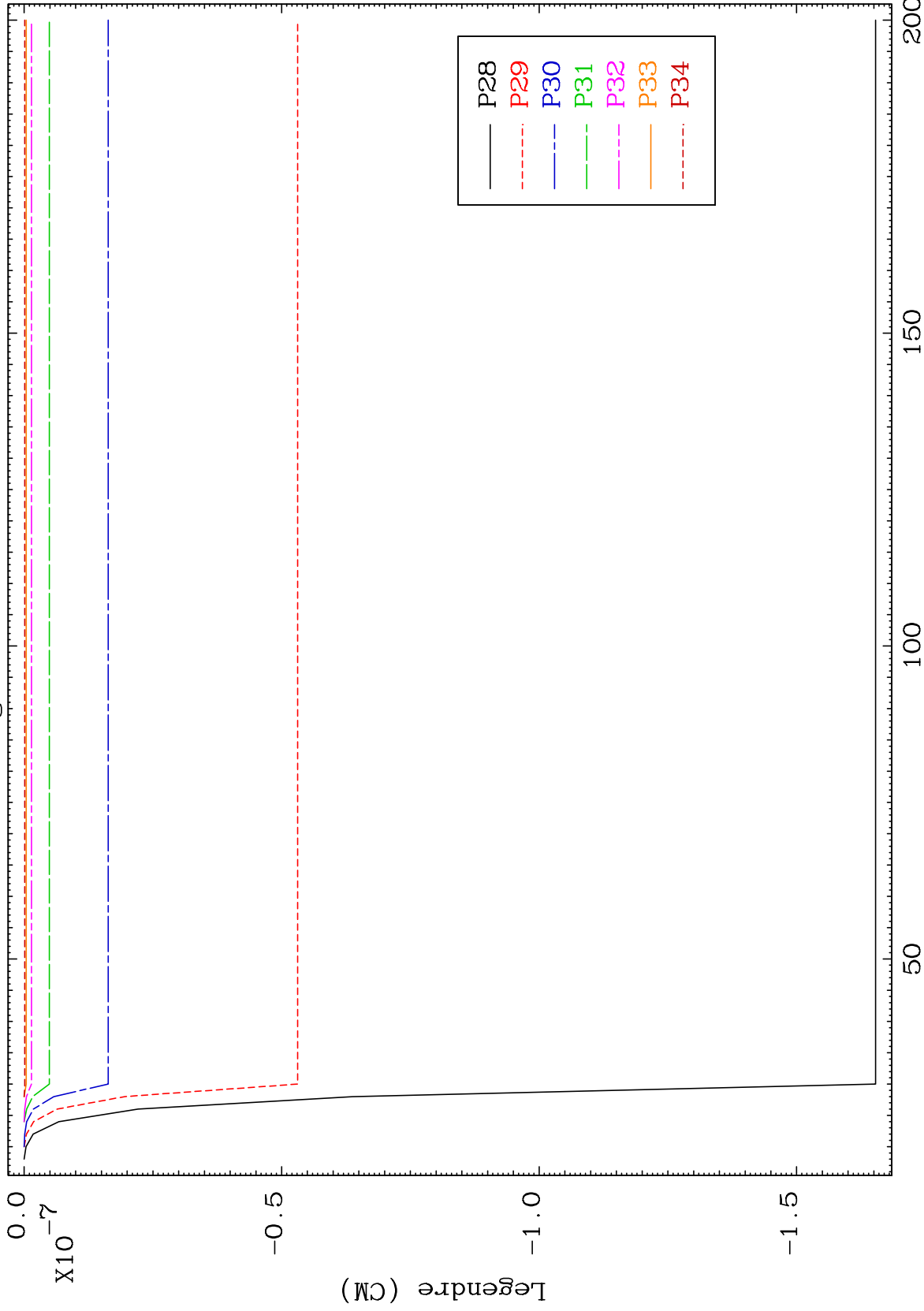


30 50 100 150 200 36-Kr-72

MAT 3607

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

36-Kr-72



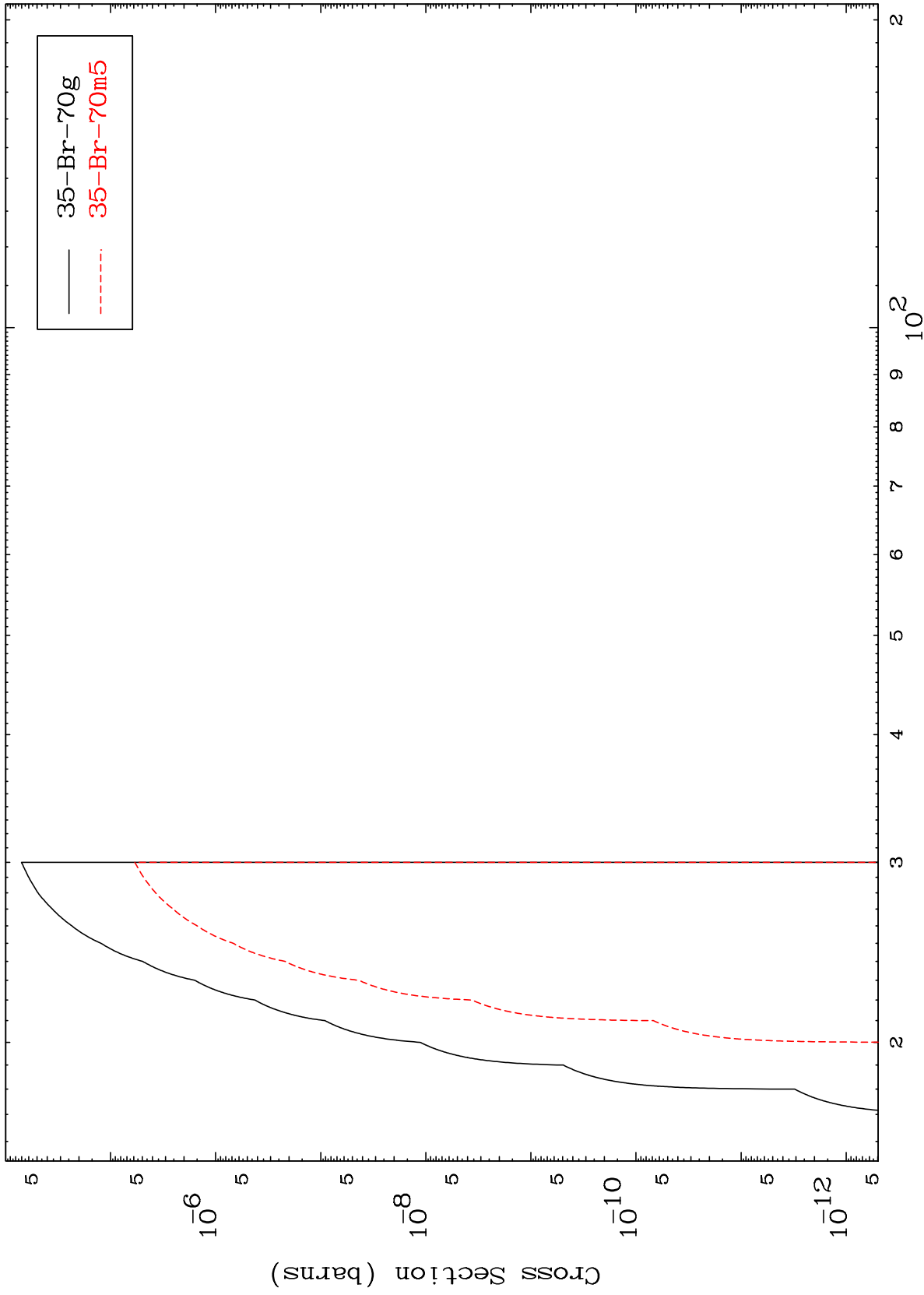
36-Kr-72

Incident Energy (MeV)

31



Radionuclide Production Cross Section

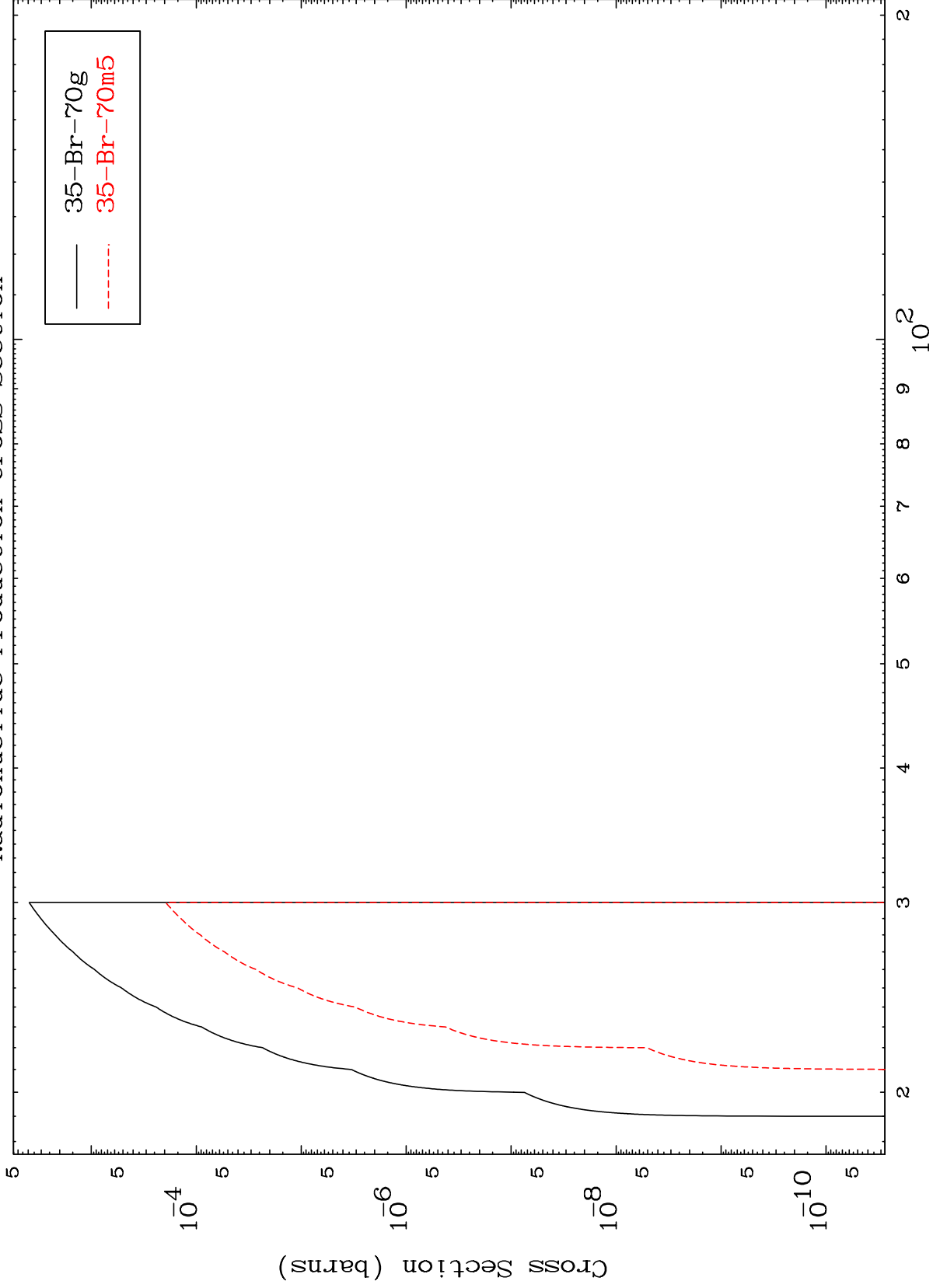


MAT 3607

(n,2n) p

36-Kr-72

Radionuclide Production Cross Section



33

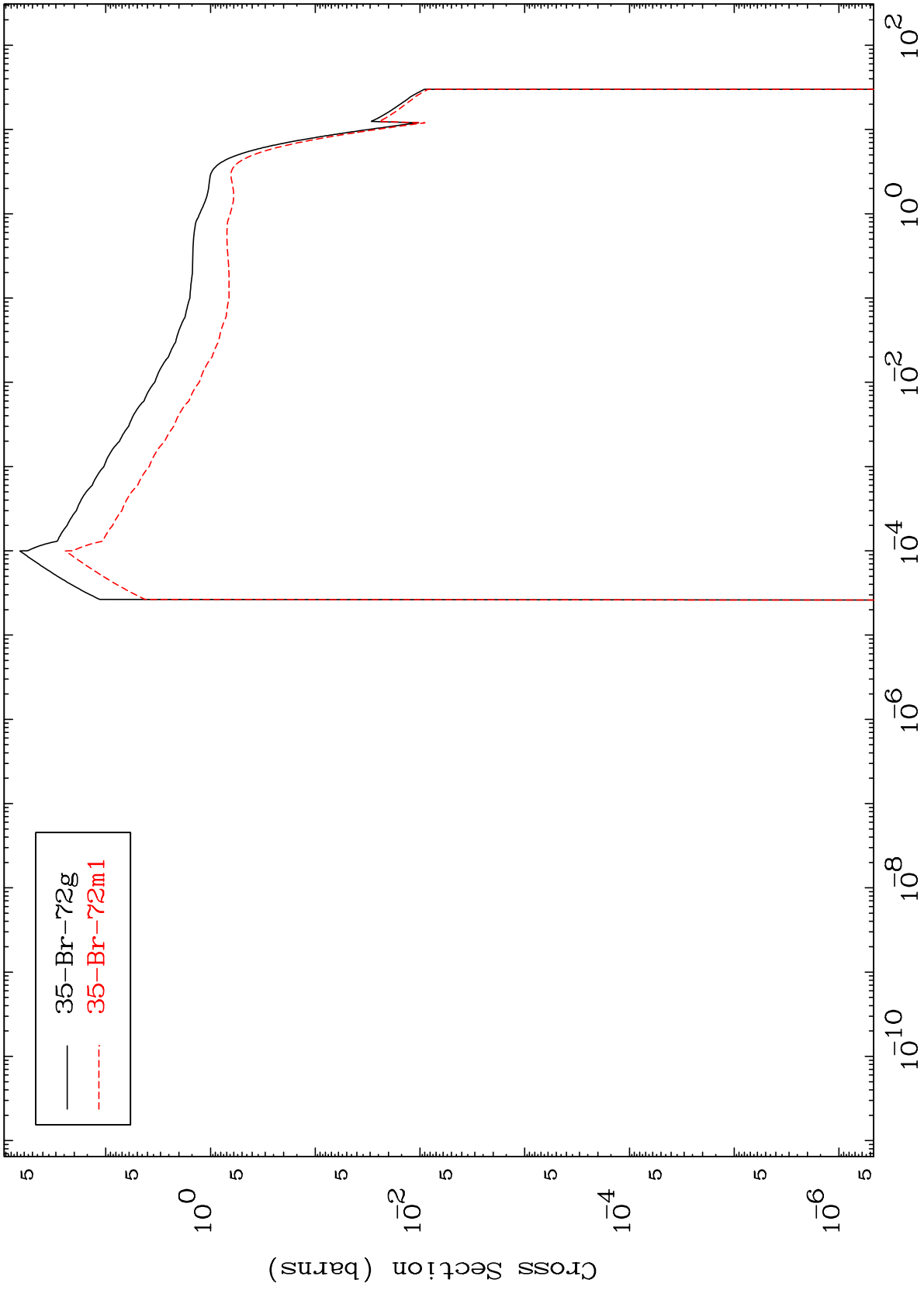
Incident Energy (MeV)

36-Kr-72

MAT 3607

36-Kr-72

(n,p)  
Radionuclide Production Cross Section



34

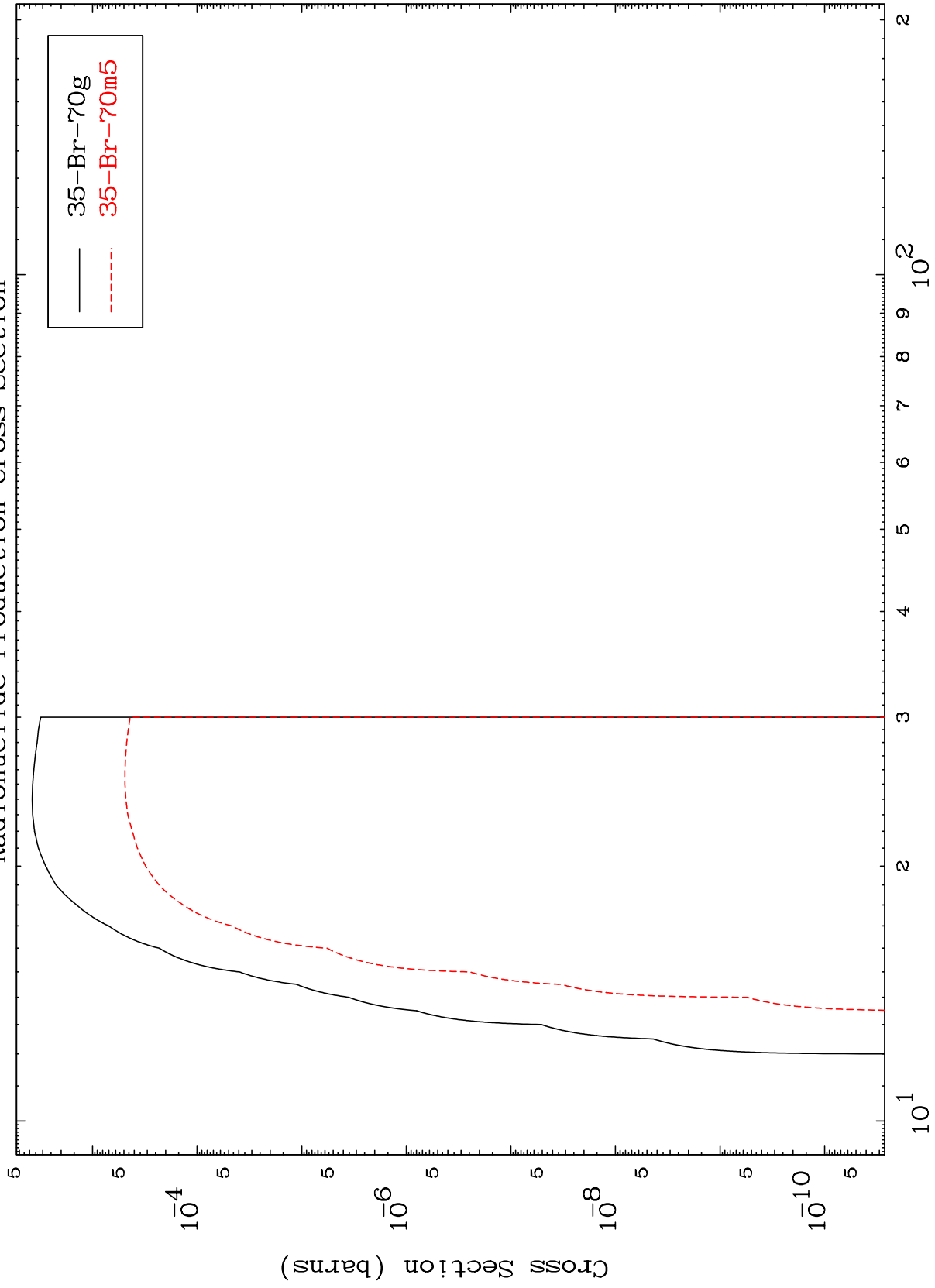
36-Kr-72

MAT 3607

(n, t)

36-Kr-72

Radionuclide Production Cross Section



35

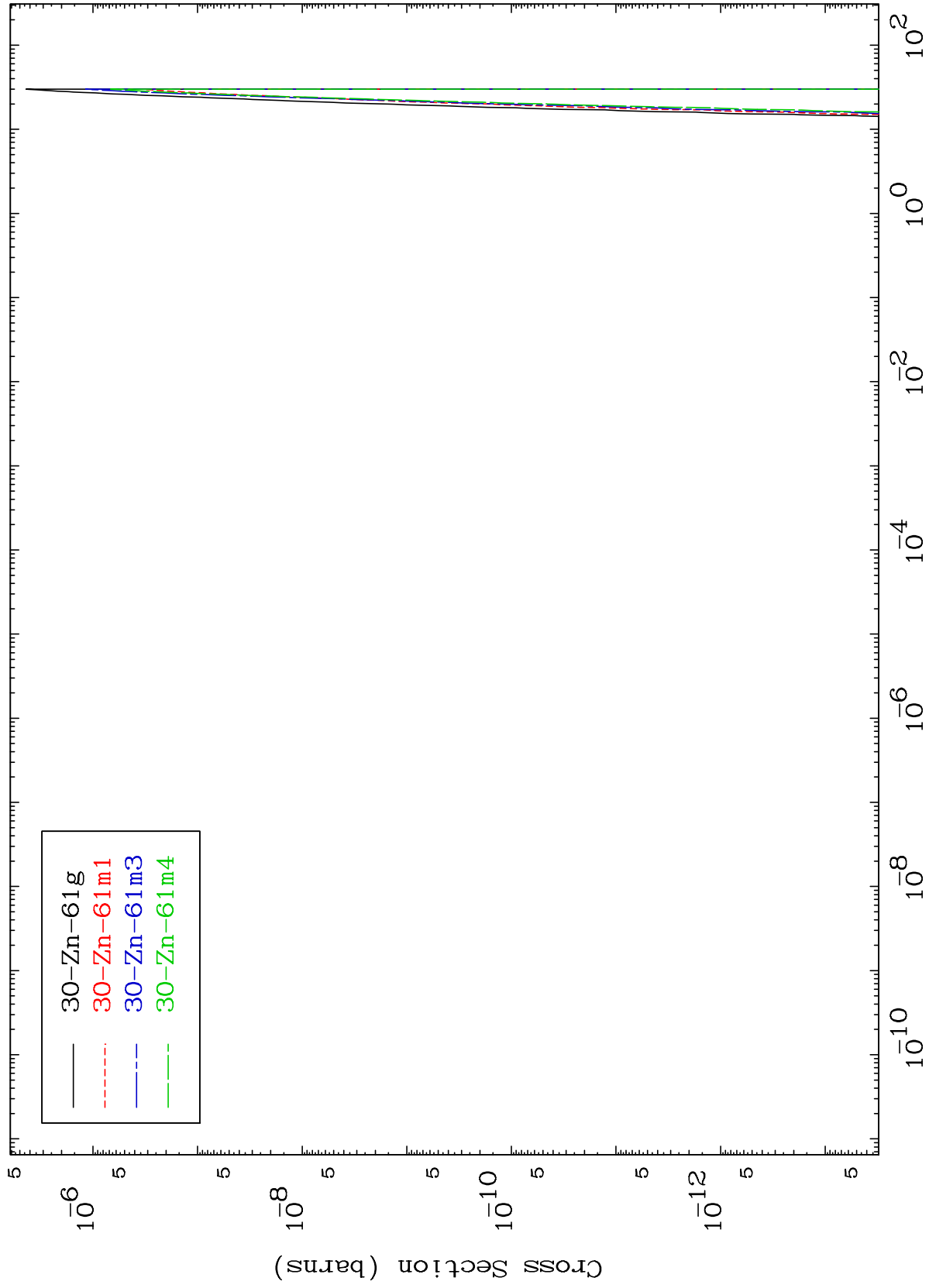
Incident Energy (MeV)

36-Kr-72

MAT 3607

Radionuclide Production Cross Section  
(n,3α)

<sup>36</sup>Kr-72



36

Incident Energy (MeV)

<sup>36</sup>Kr-72