

Program EVALPLOT
(Version 2018-1)

by

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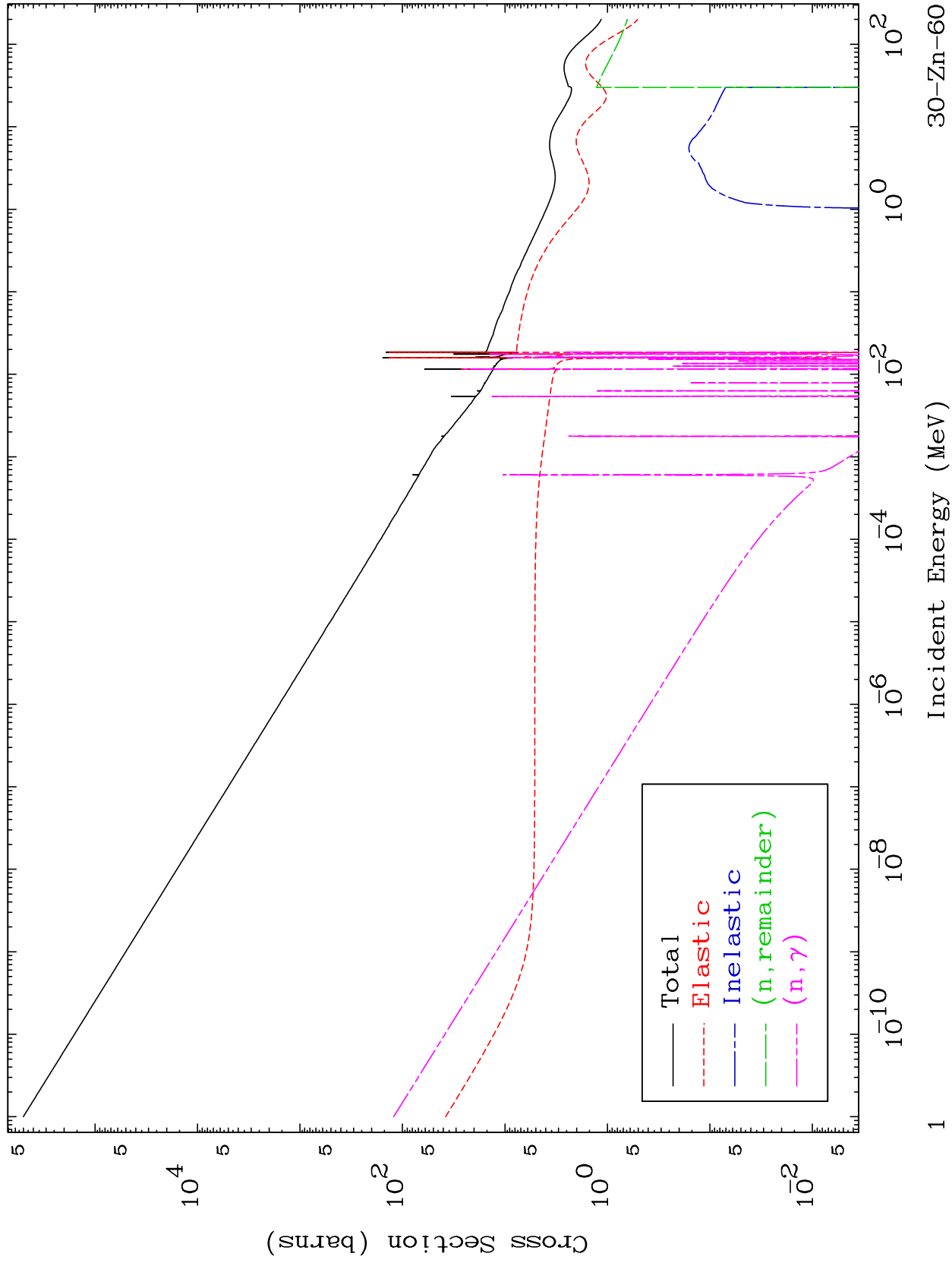
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3013

Major
293 Kelvin Cross Sections

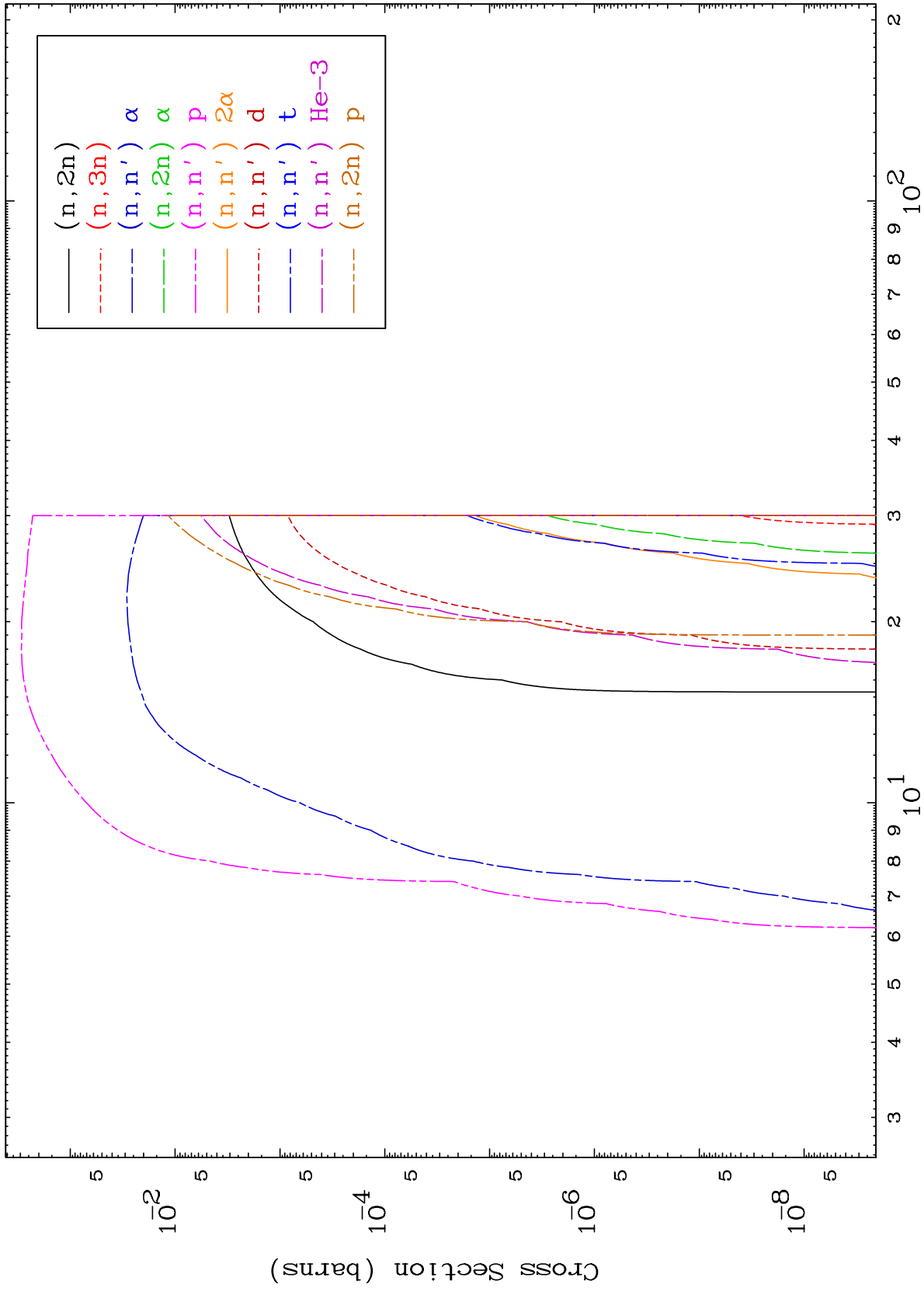
30-Zn-60



MAT 3013

Neutron Production 293 Kelvin Cross Sections

30-Zn-60



2

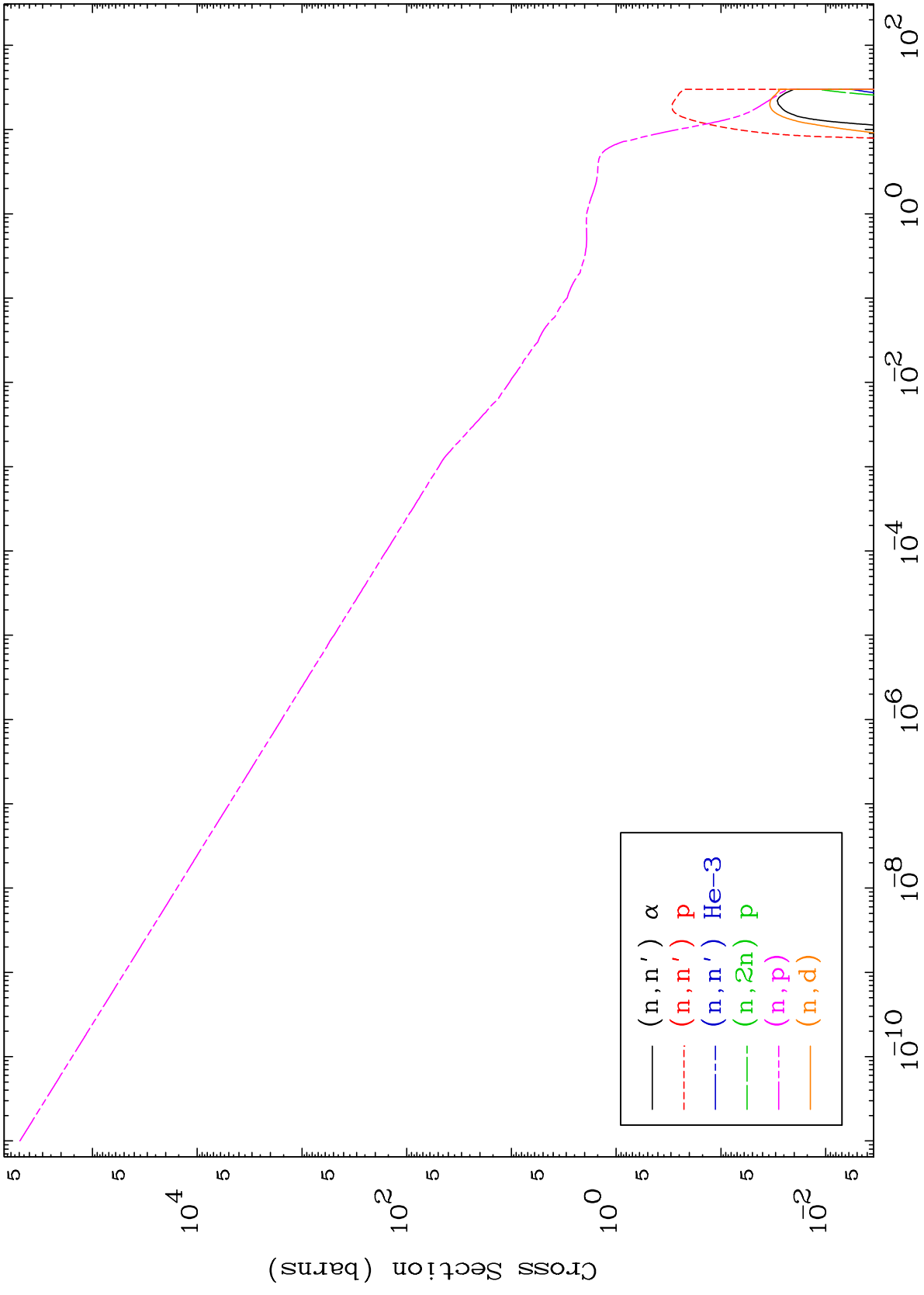
Incident Energy (MeV)

30-Zn-60

MAT 3013

Charged Particle
293 Kelvin Cross Sections

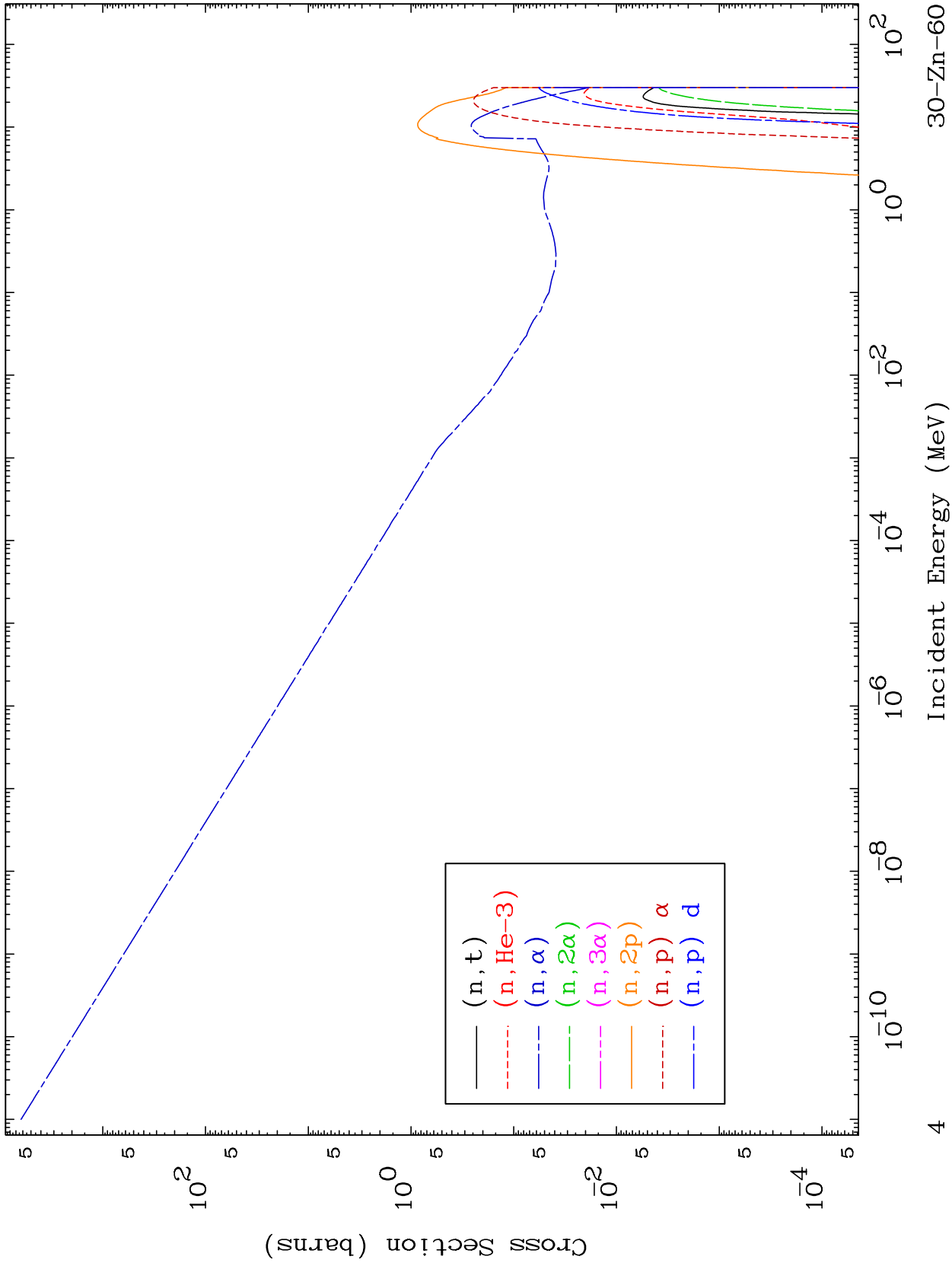
30-Zn-60



MAT 3013

293 Kelvin Cross Sections

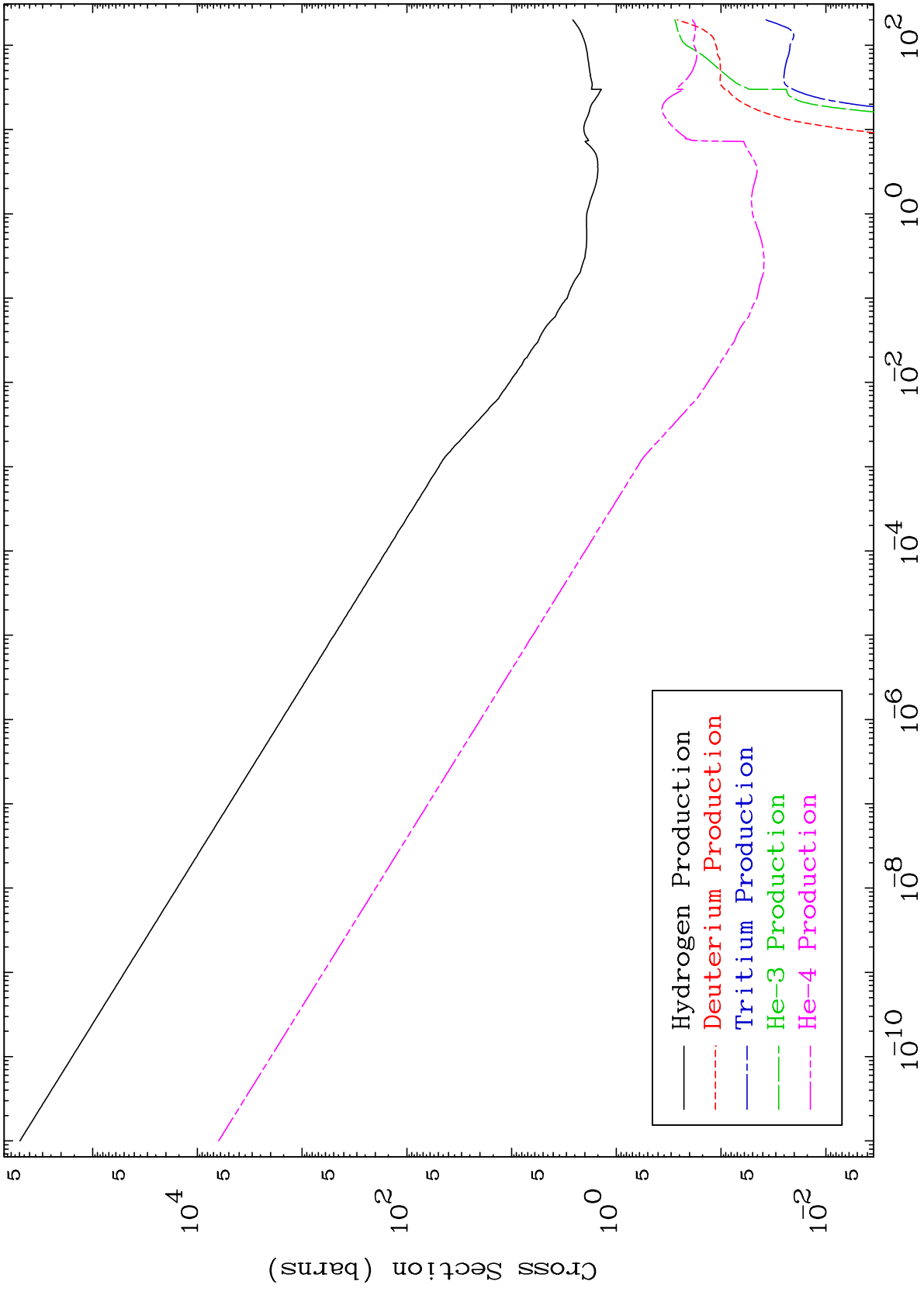
30-Zn-60



MAT 3013

Particle Production
293 Kelvin Cross Sections

30-Zn-60



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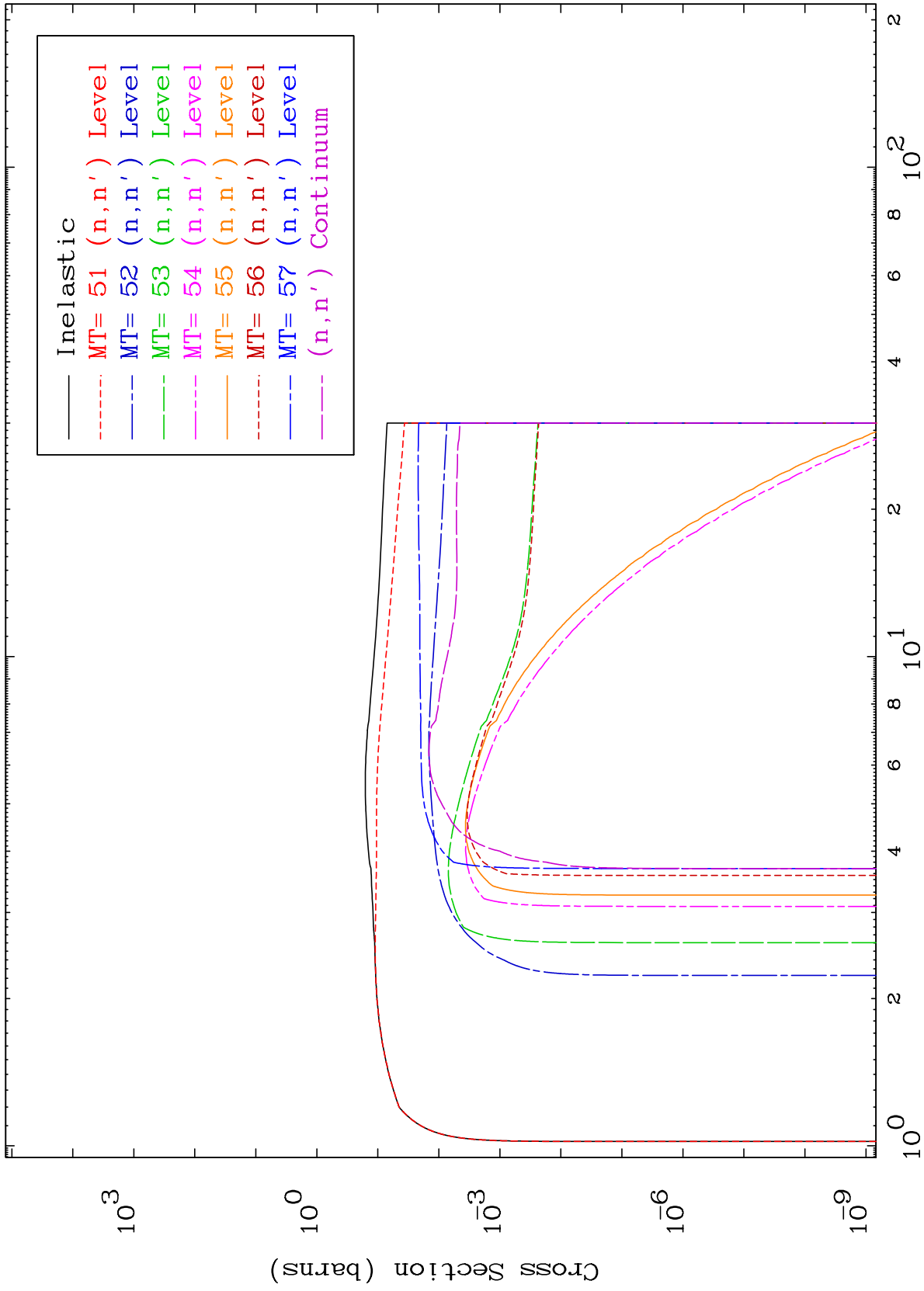
30-Zn-60

MAT 3013

(n,n') Level

30-Zn-60

293 Kelvin Cross Sections



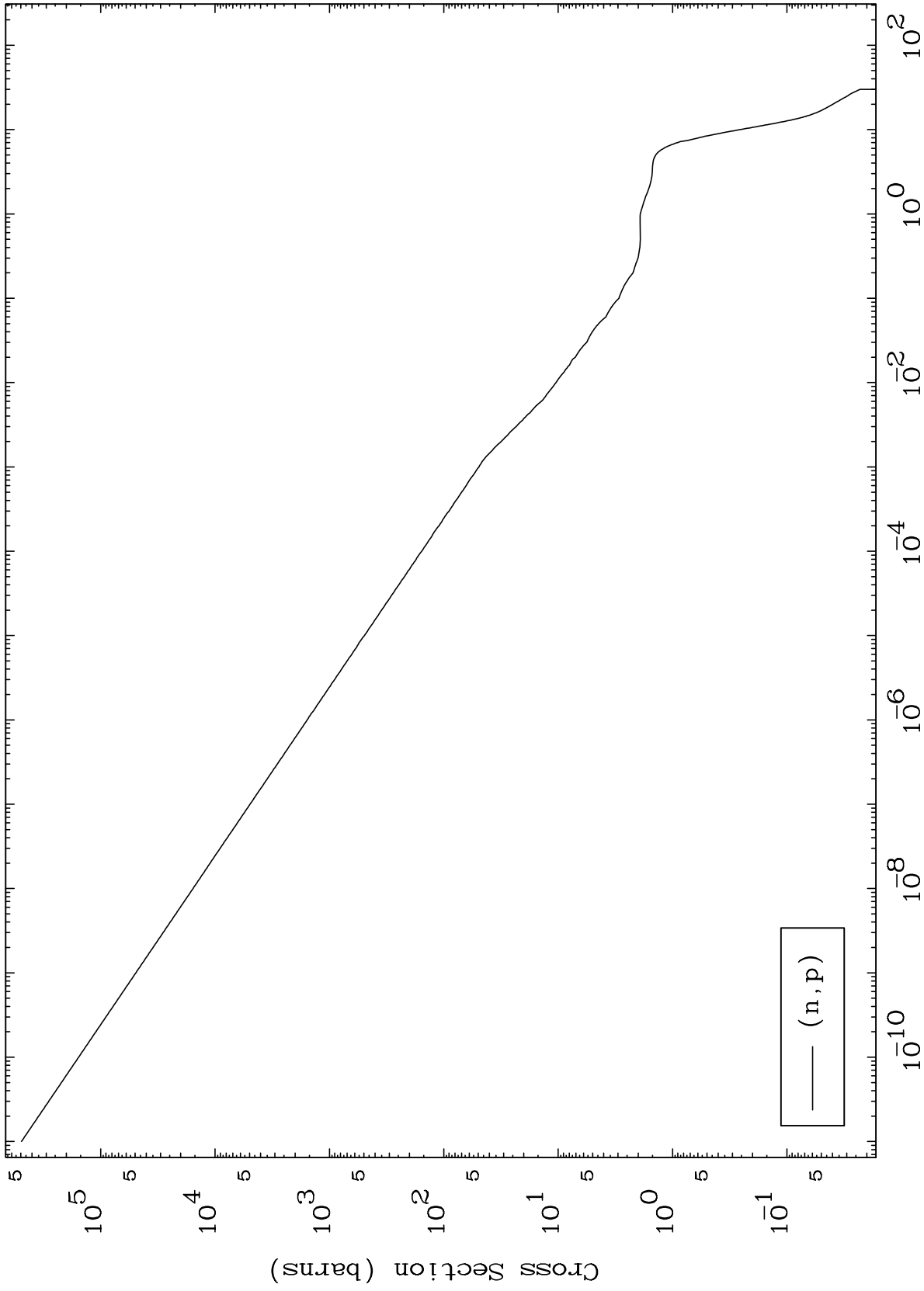
Incident Energy (MeV)

30-Zn-60

MAT 3013

(n,p) Levels
293 Kelvin Cross Sections

30-Zn-60



7

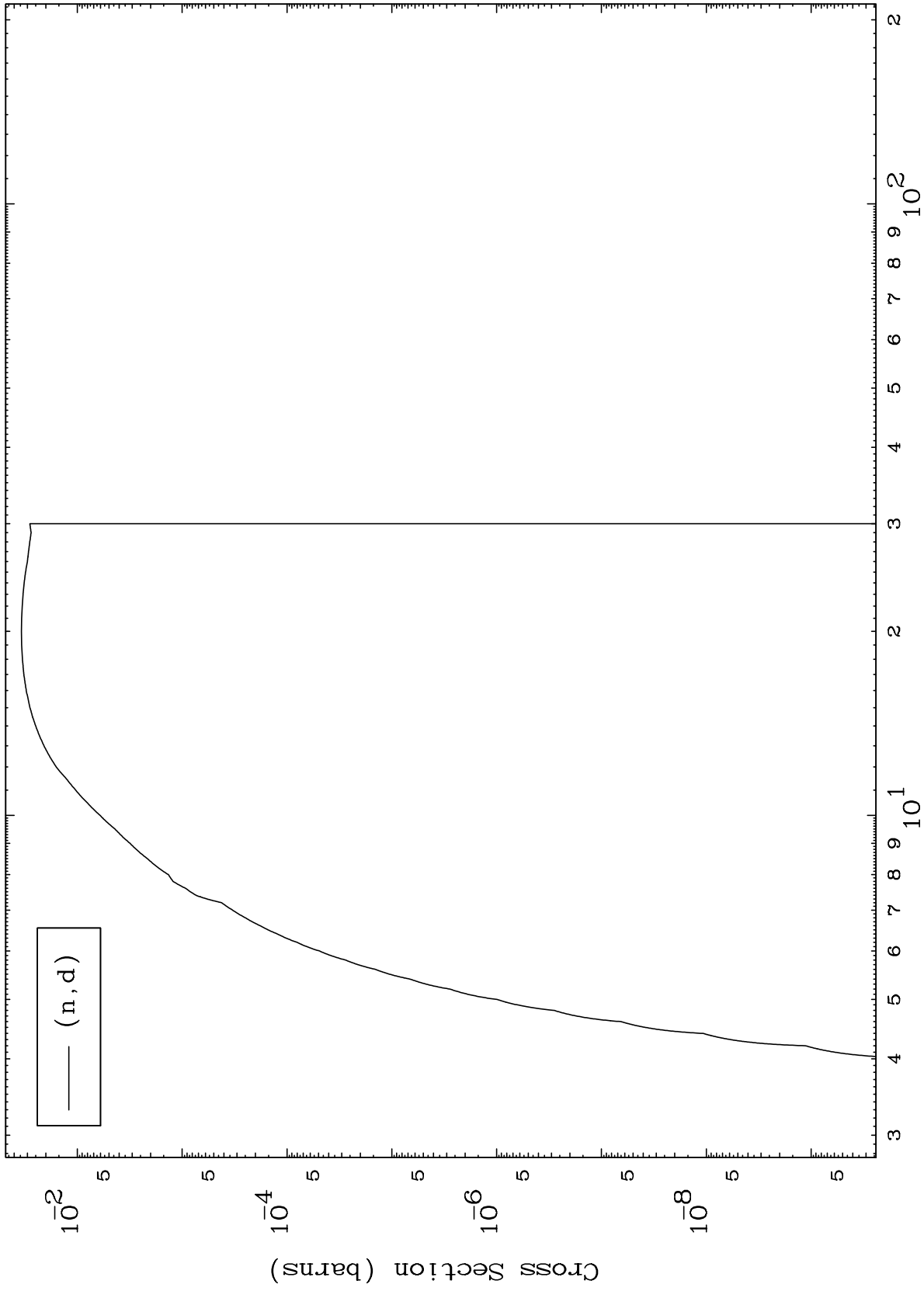
Incident Energy (MeV)

30-Zn-60

MAT 3013

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-60



8

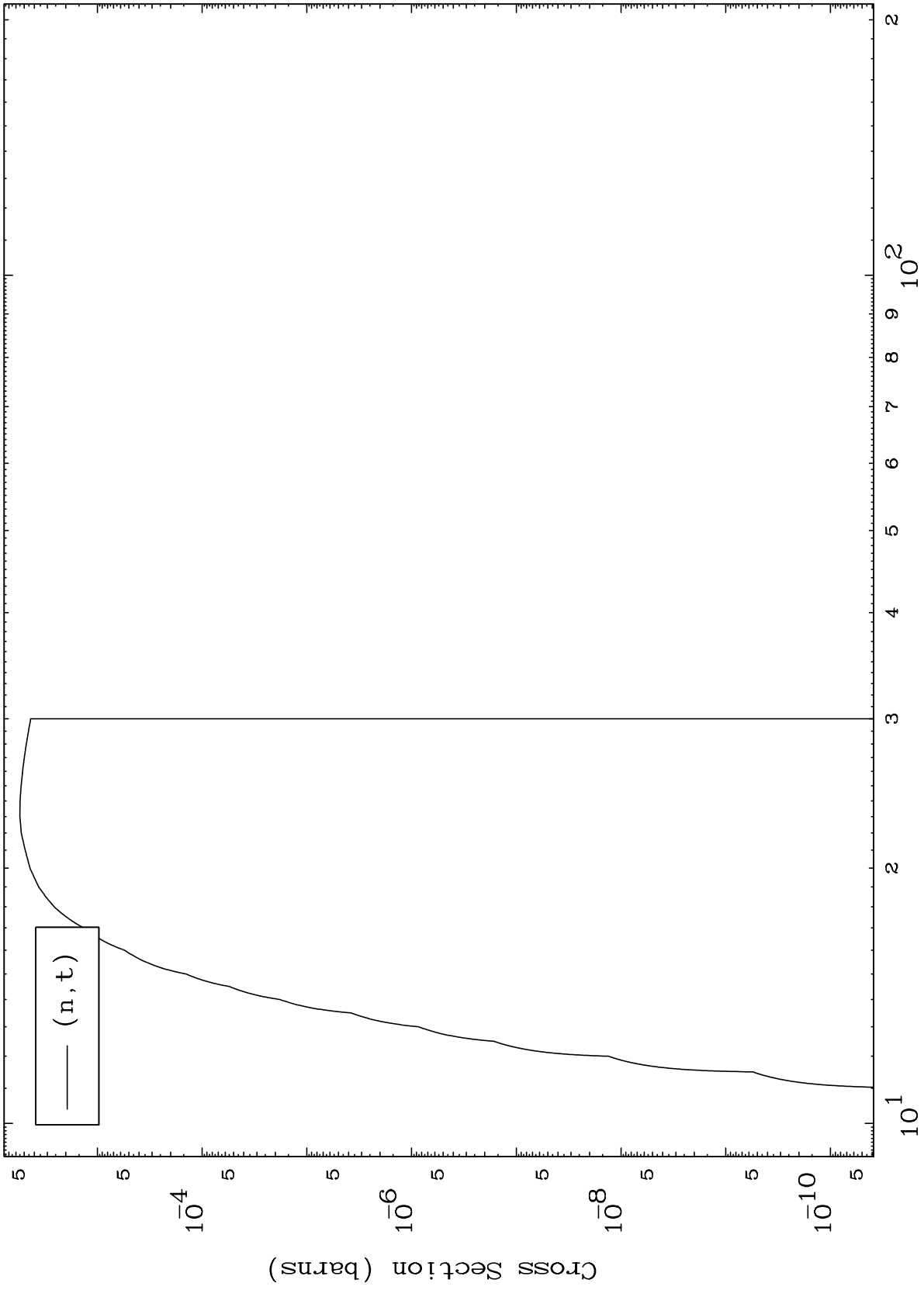
Incident Energy (MeV)

30-Zn-60

MAT 3013

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-60



30-Zn-60

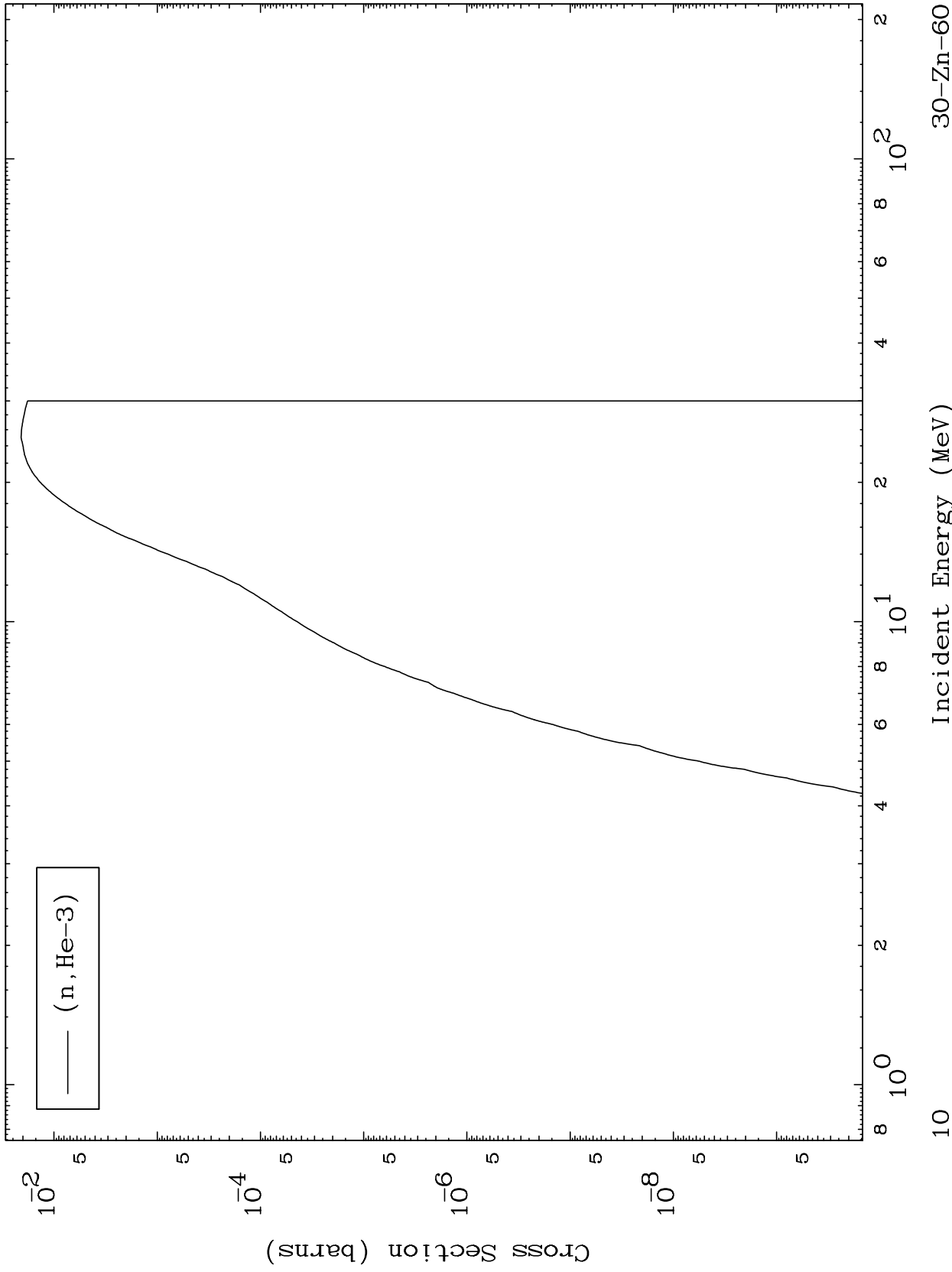
Incident Energy (MeV)

9

MAT 3013

(n,He3) Levels
293 Kelvin Cross Sections

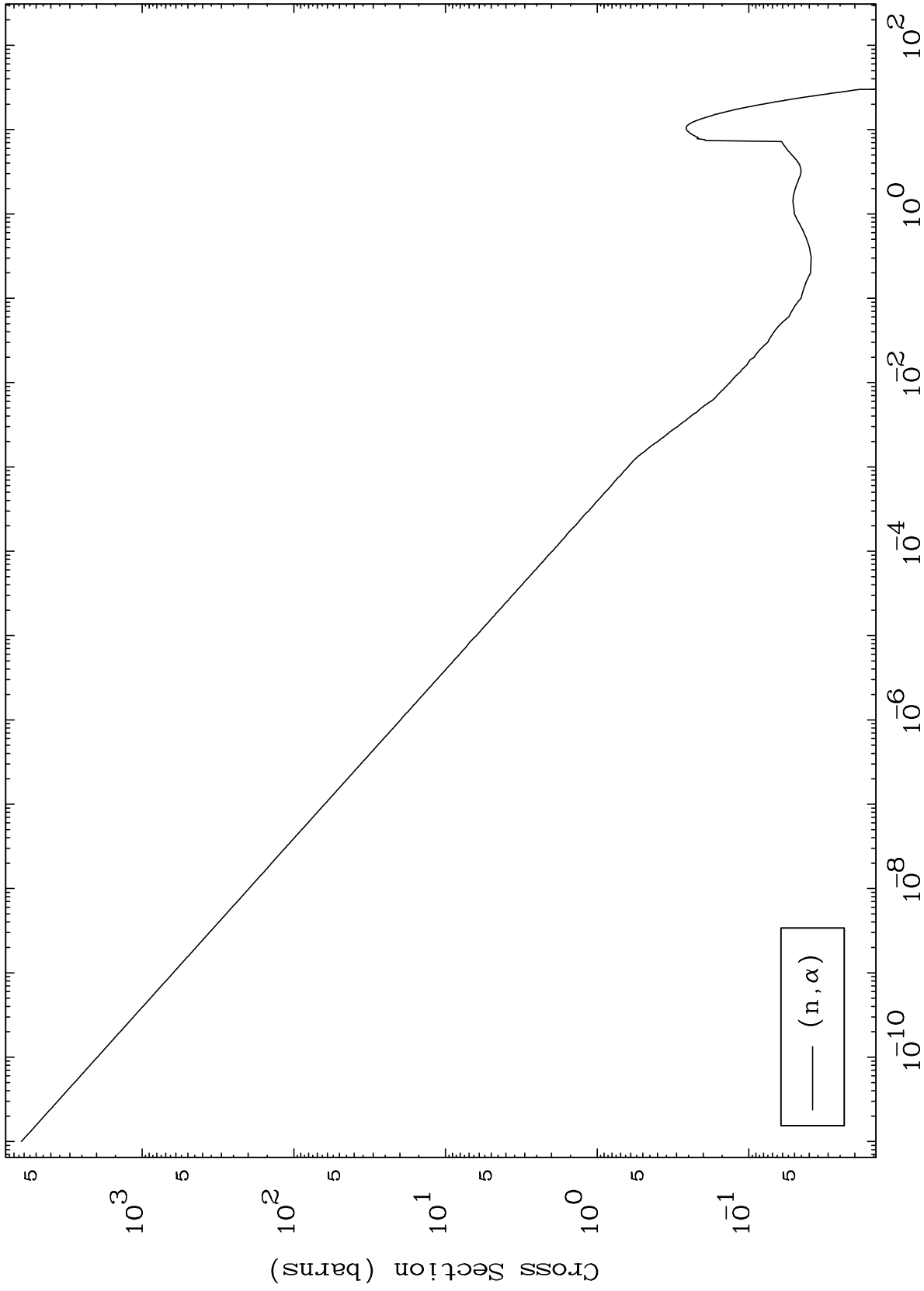
30-Zn-60



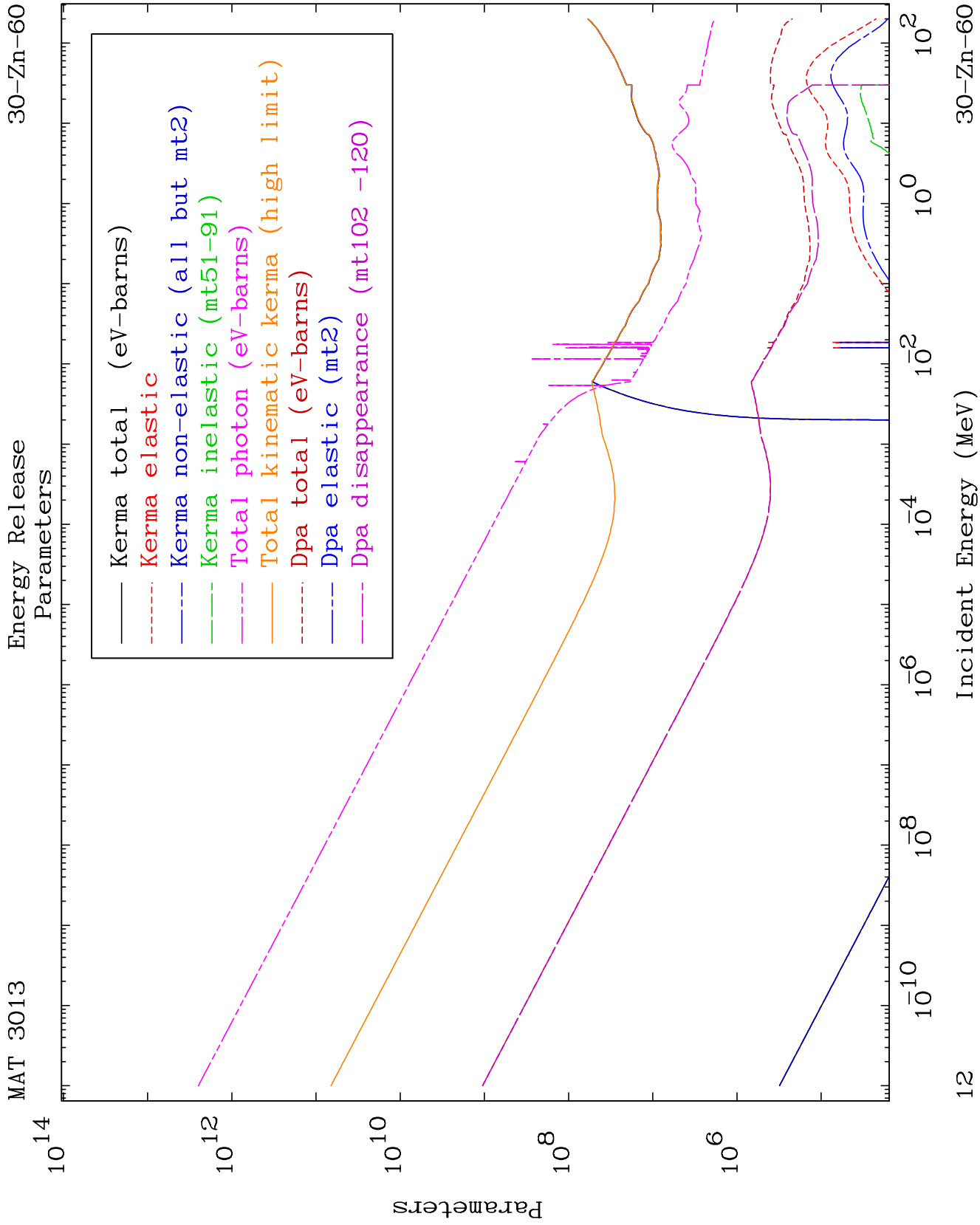
MAT 3013

(n, α) Levels
293 Kelvin Cross Sections

30-Zn-60



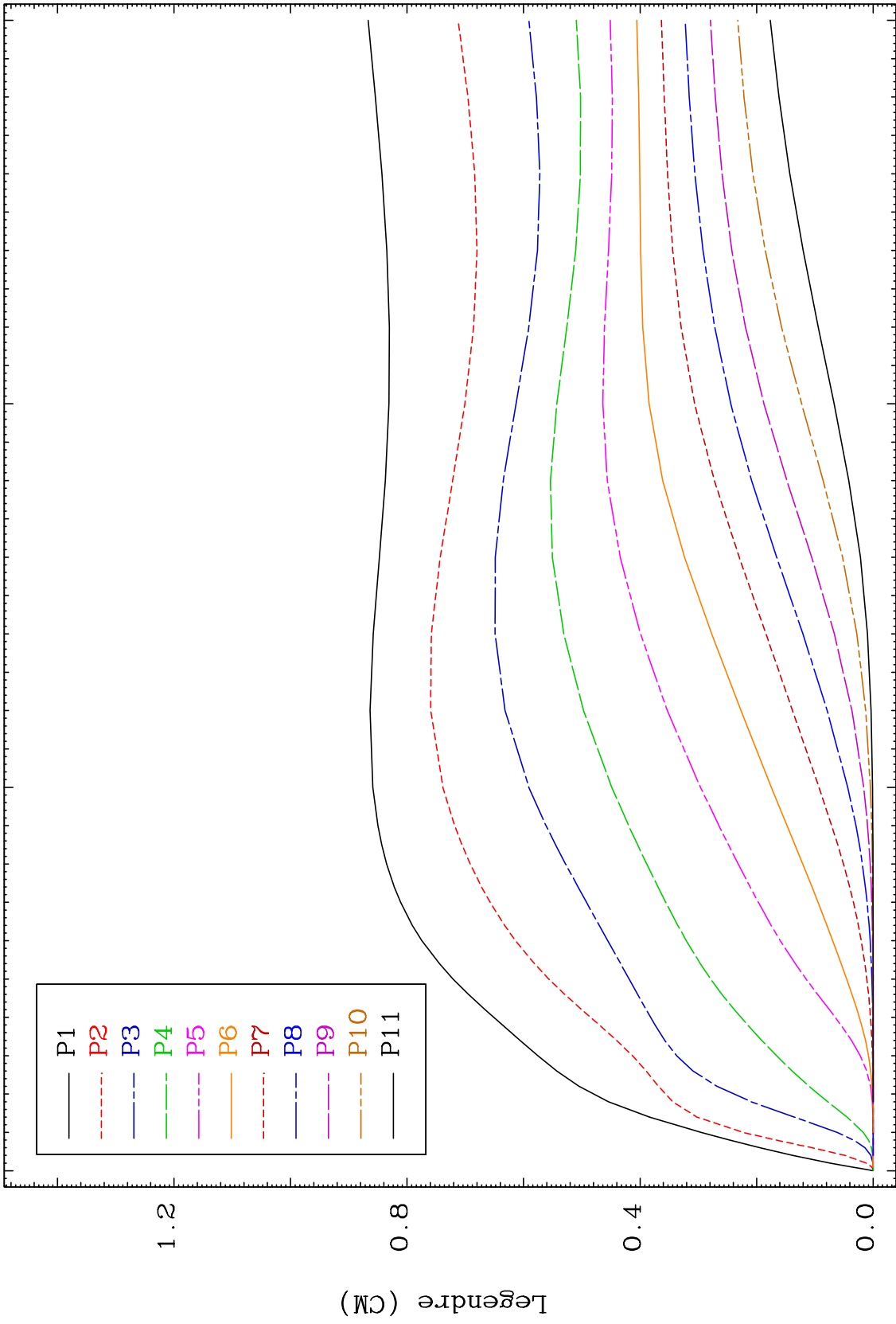
— (n, α)



MAT 3013

Elastic Legendre Coefficients

30-Zn-60



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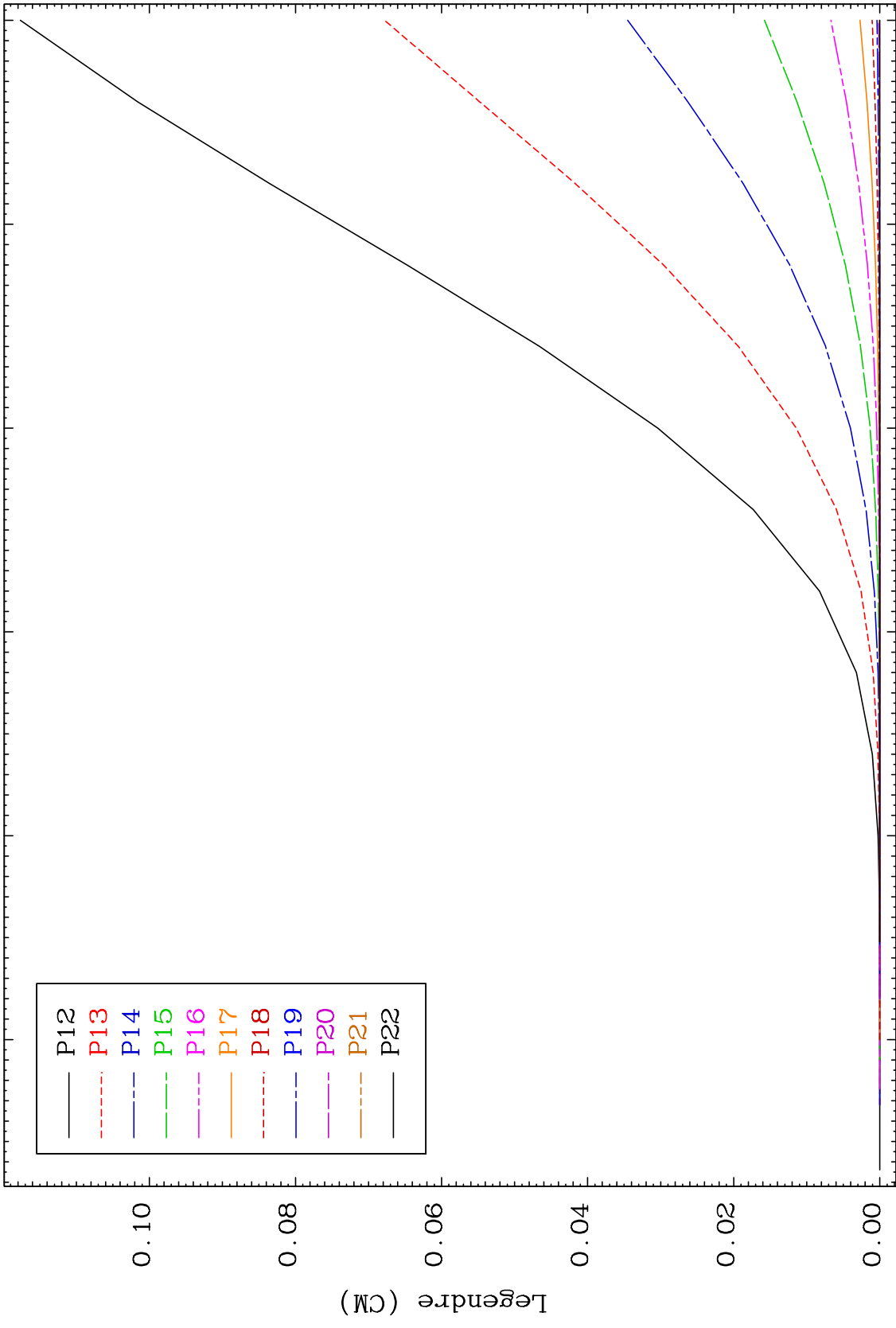
Incident Energy (MeV)

30-Zn-60

MAT 3013

Elastic Legendre Coefficients

30-Zn-60



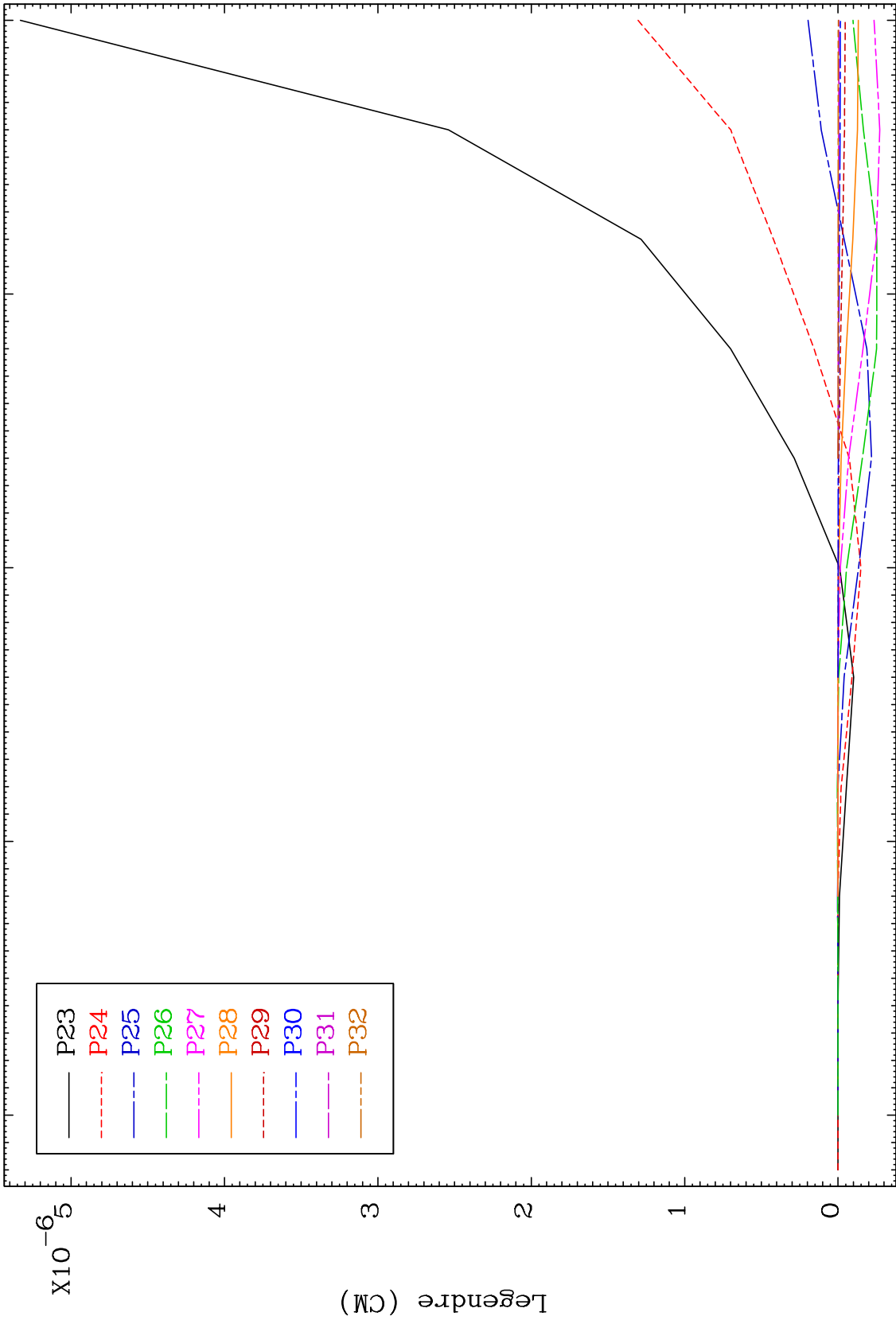
14

30-Zn-60

MAT 3013

Elastic Legendre Coefficients

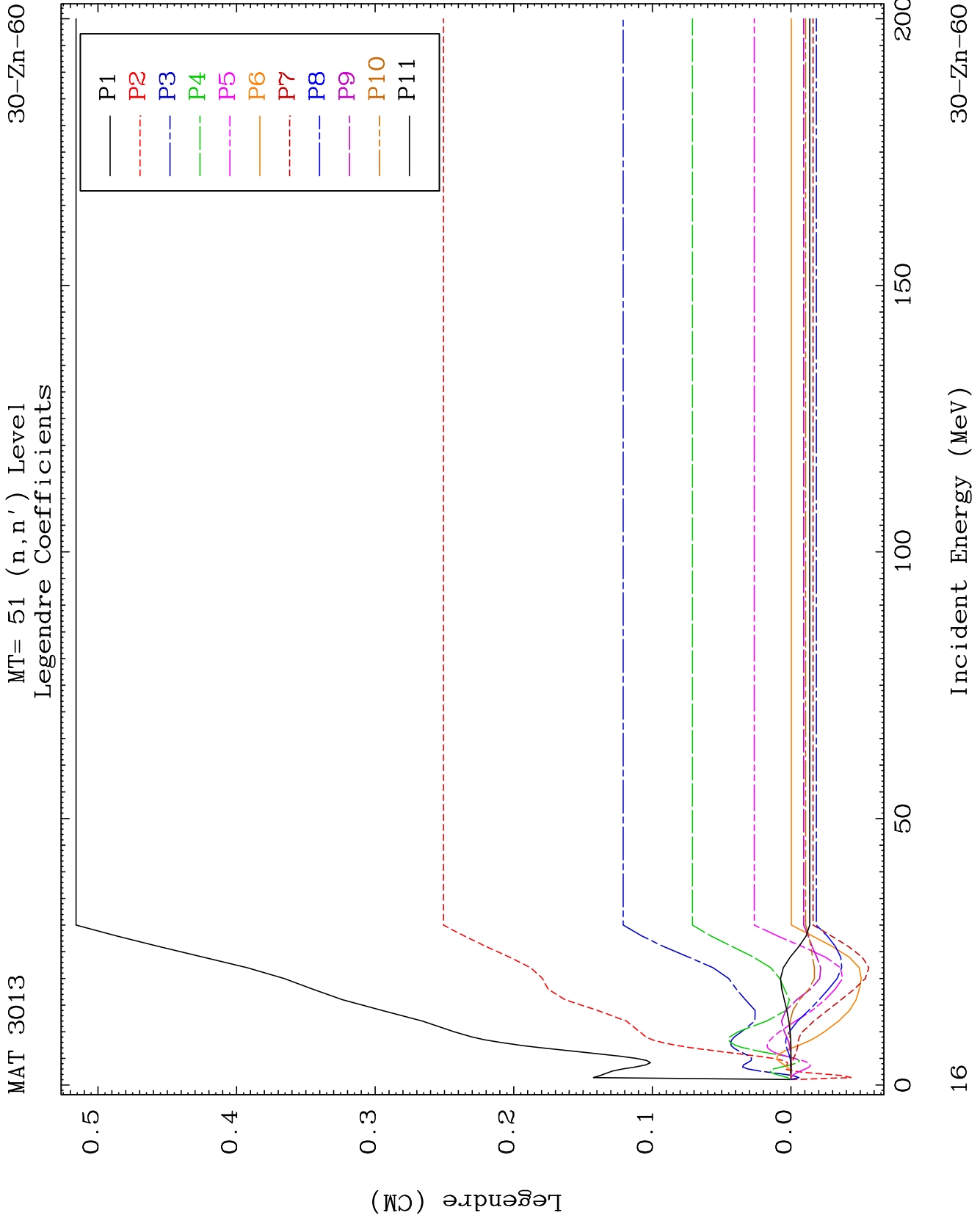
30-Zn-60

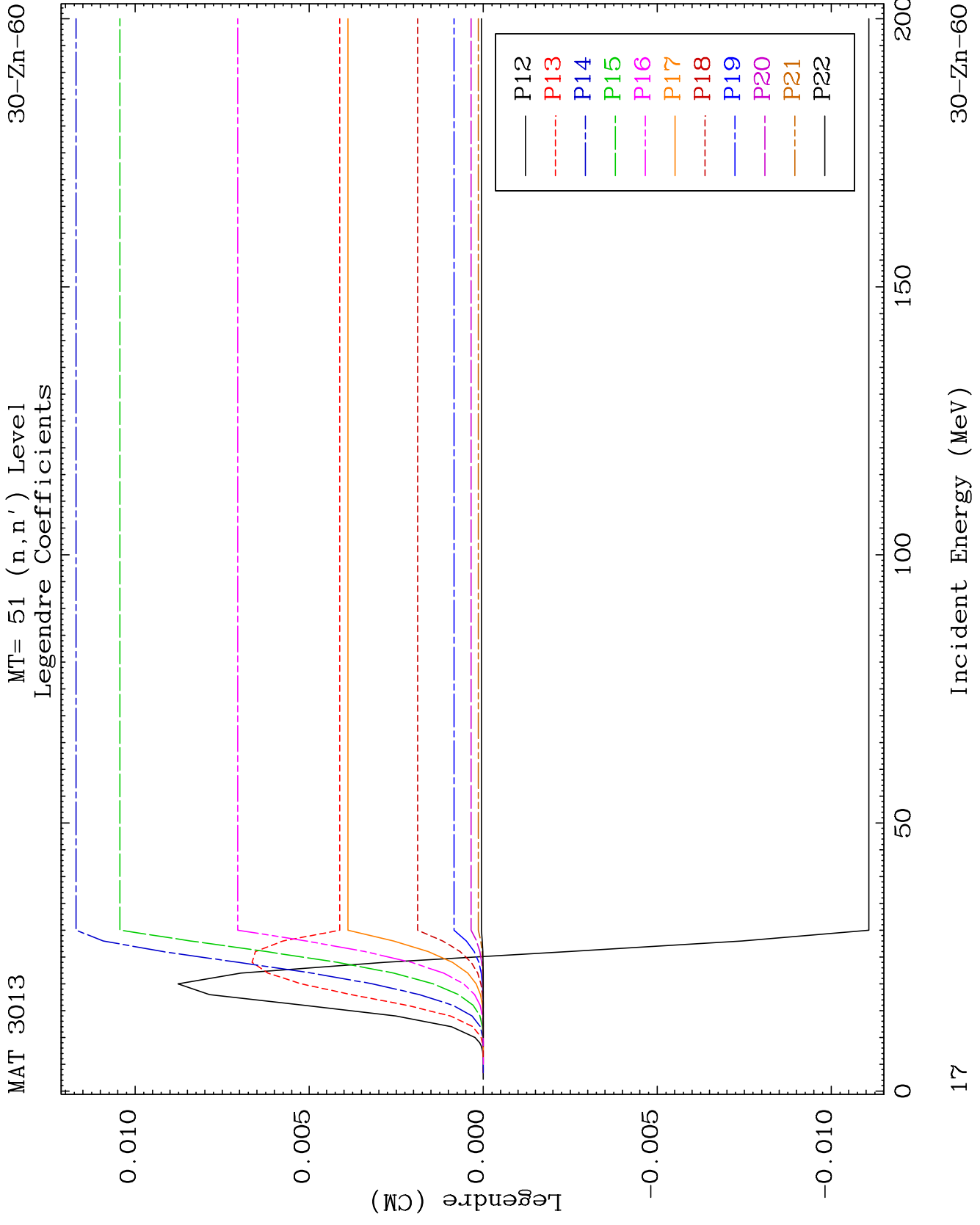


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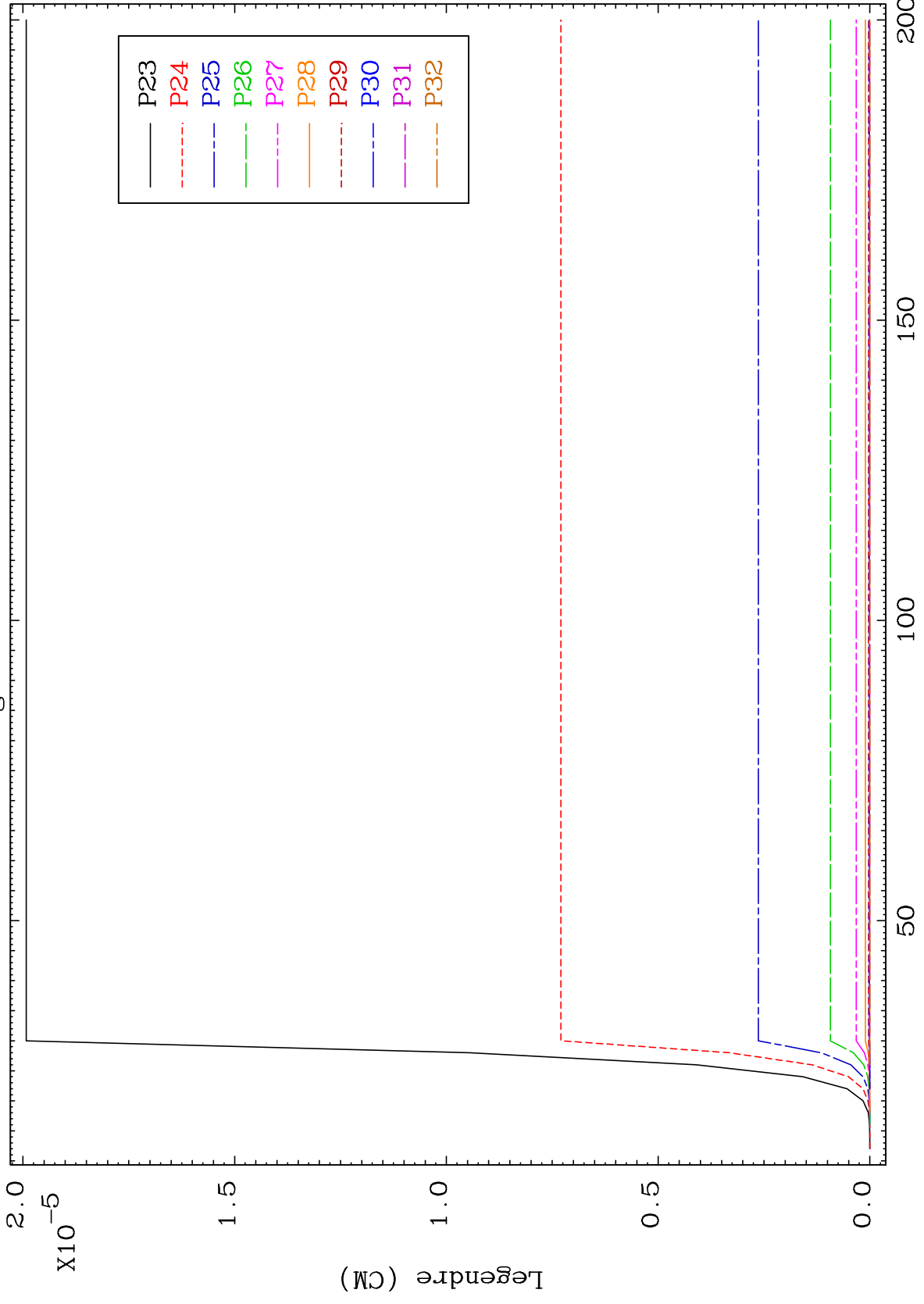
Incident Energy (MeV)

30-Zn-60

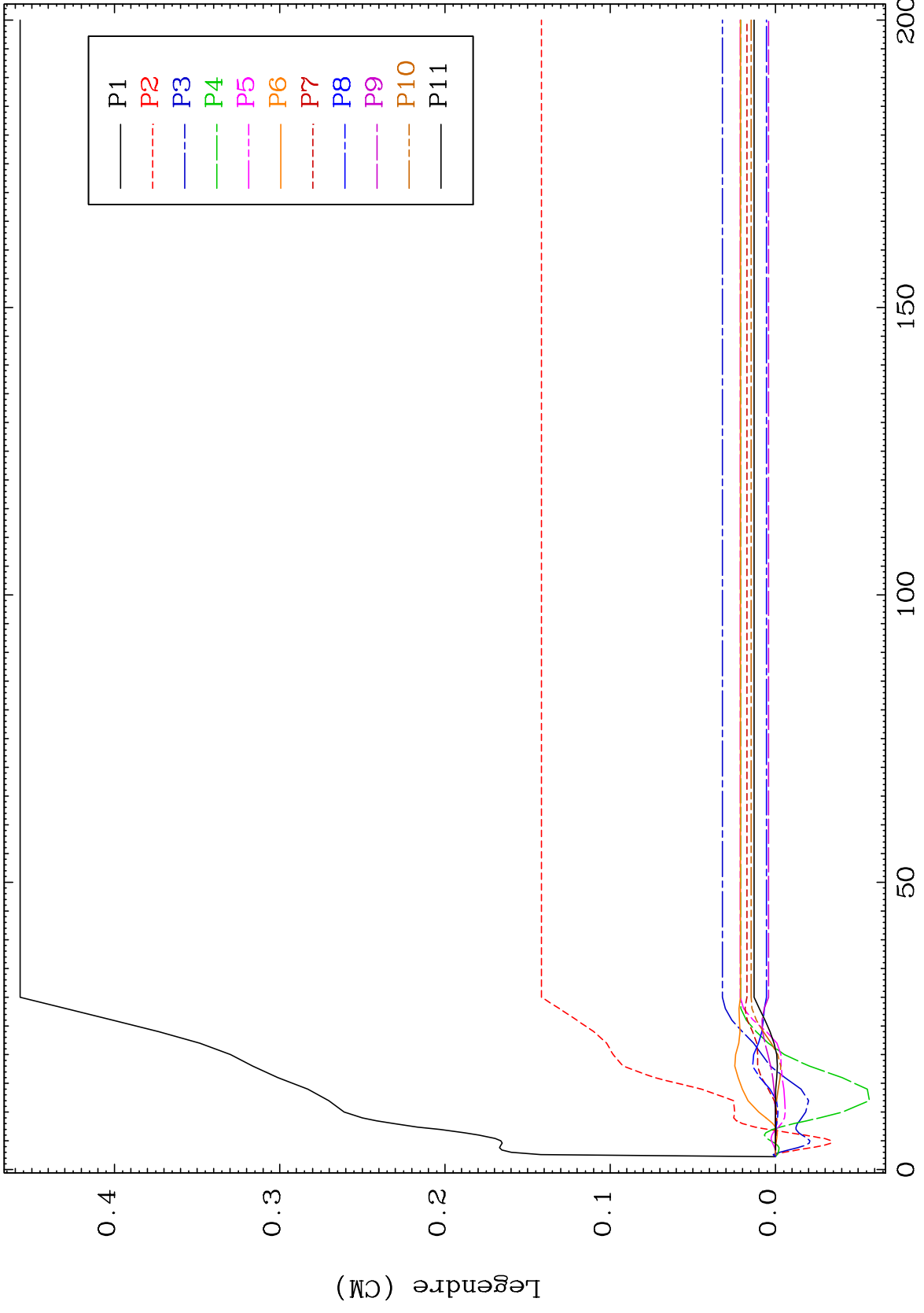




MAT 3013 MT= 51 (n,n') Level Legendre Coefficients 30-Zn-60



MAT 3013 MT= 52 (n,n') Level Legendre Coefficients 30-Zn-60

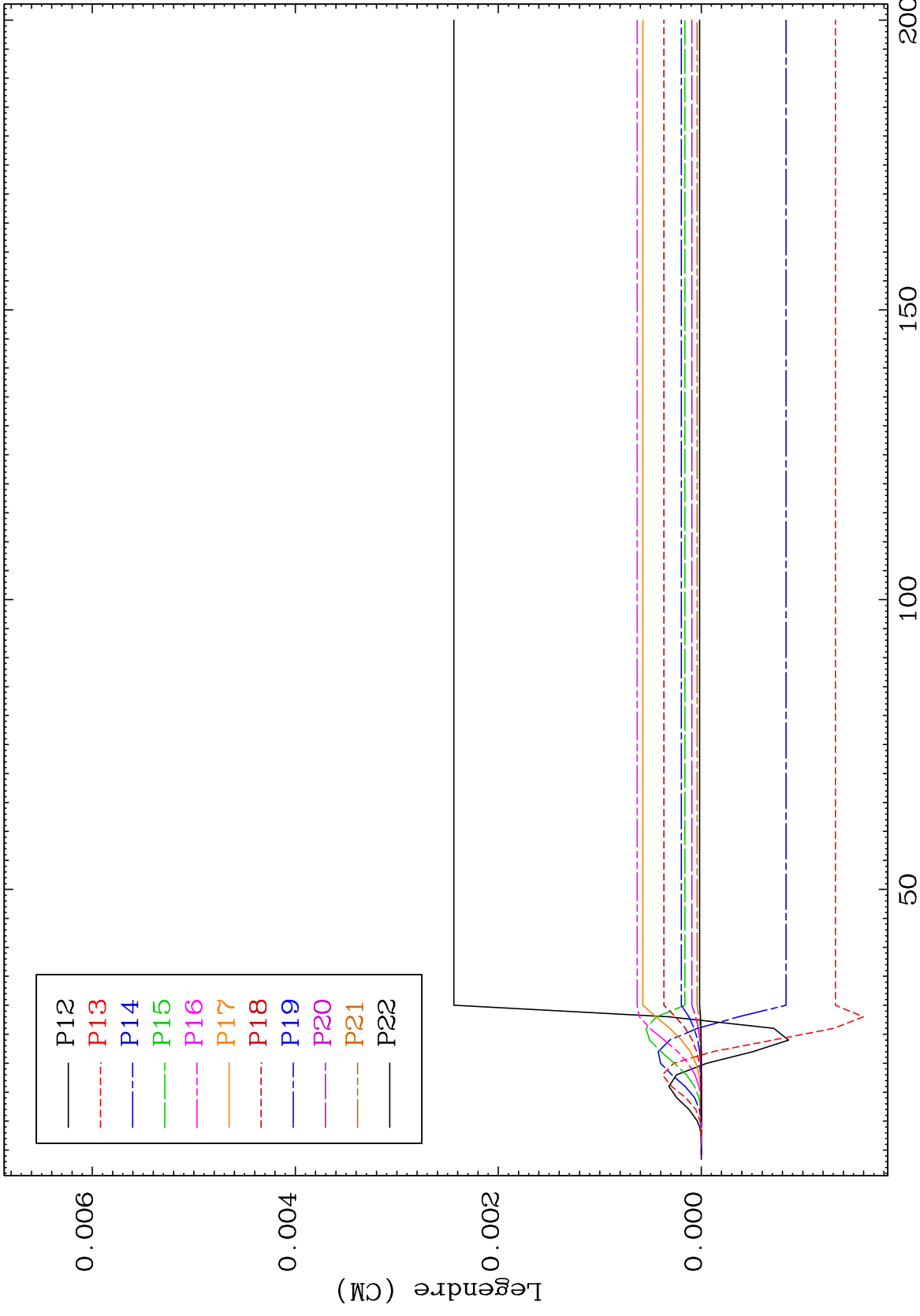


19 30-Zn-60

MAT 3013

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

30-Zn-60



20

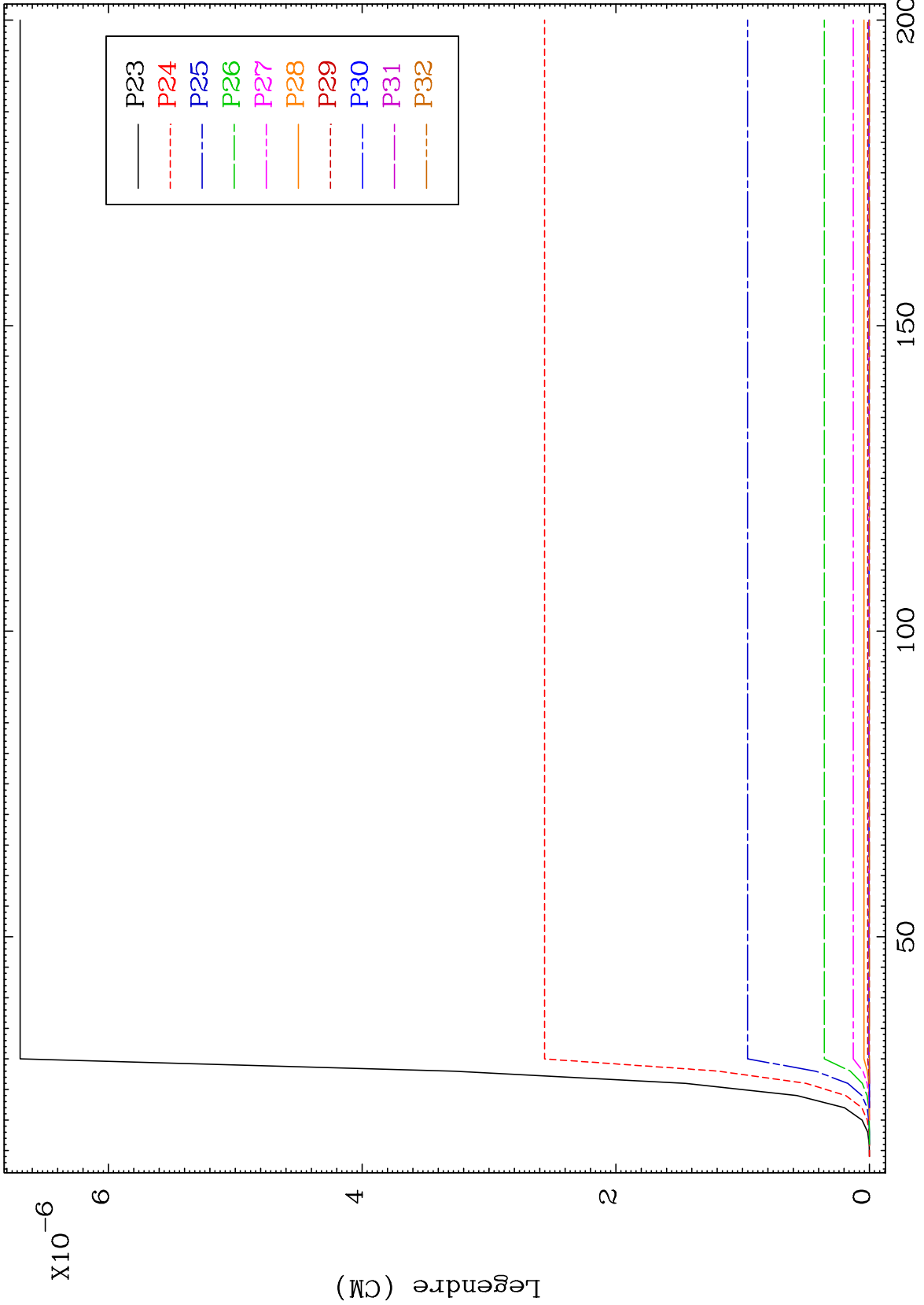
Incident Energy (MeV)

30-Zn-60

MAT 3013

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

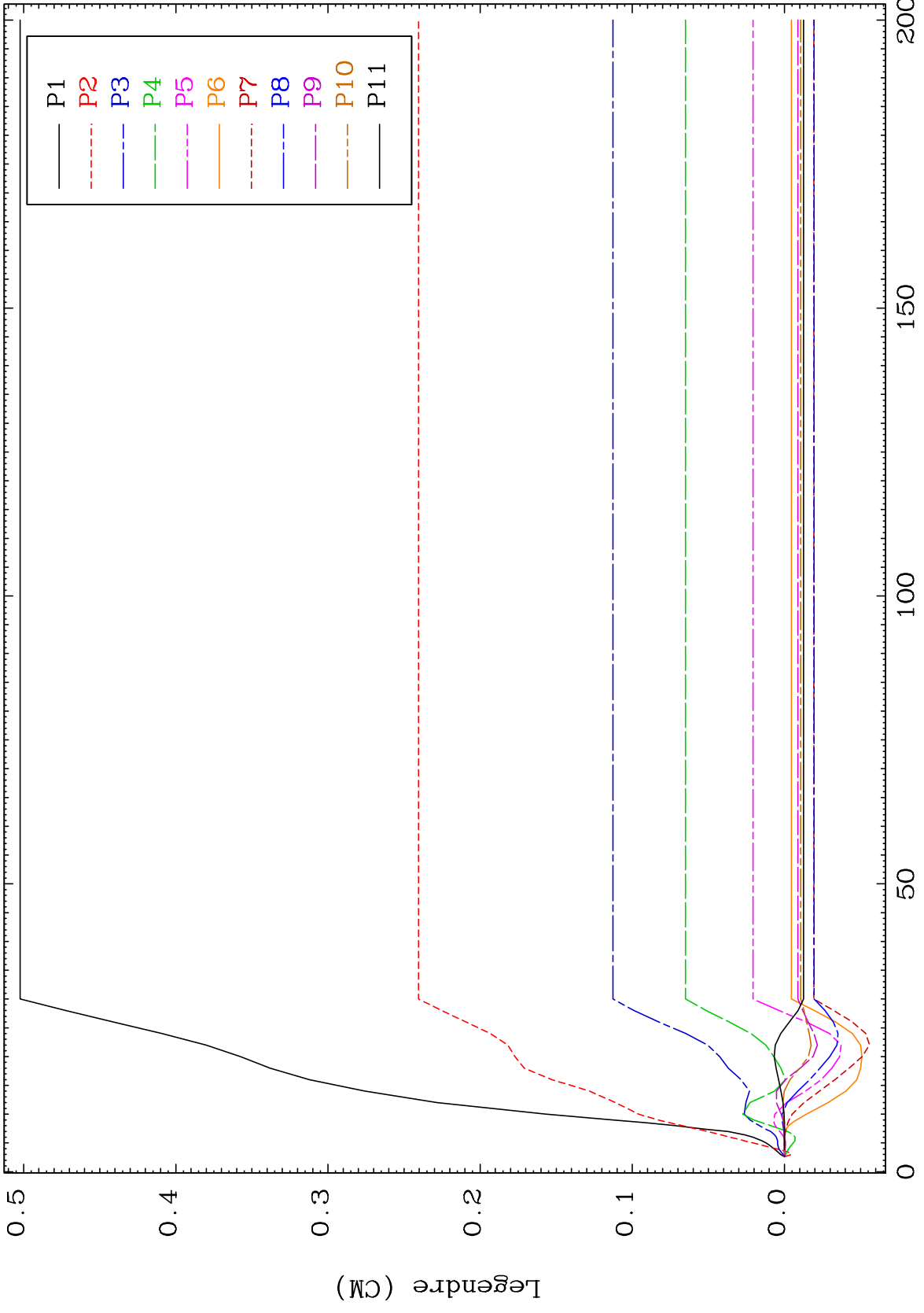
30-Zn-60



21

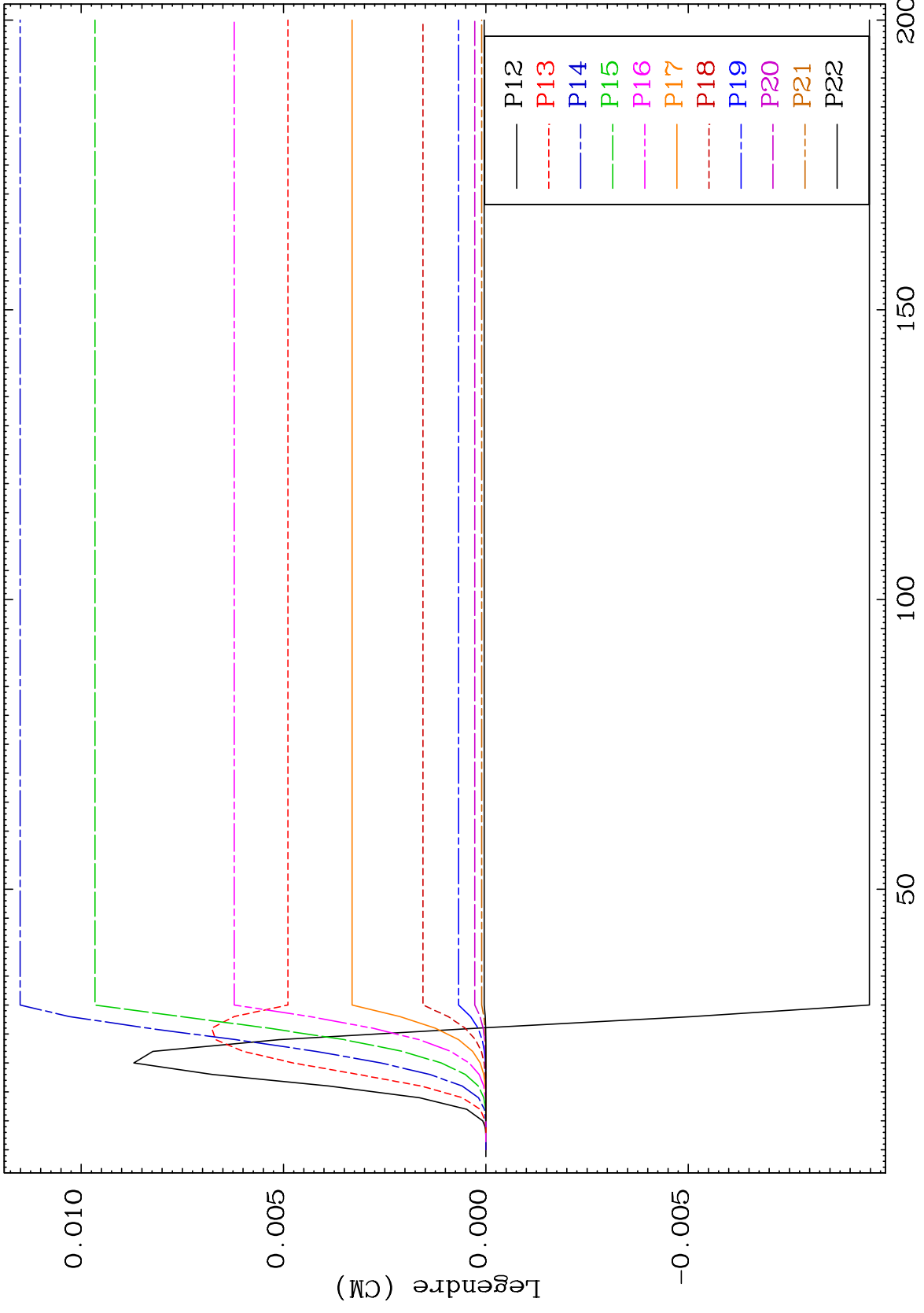
30-Zn-60

MAT 3013 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-60

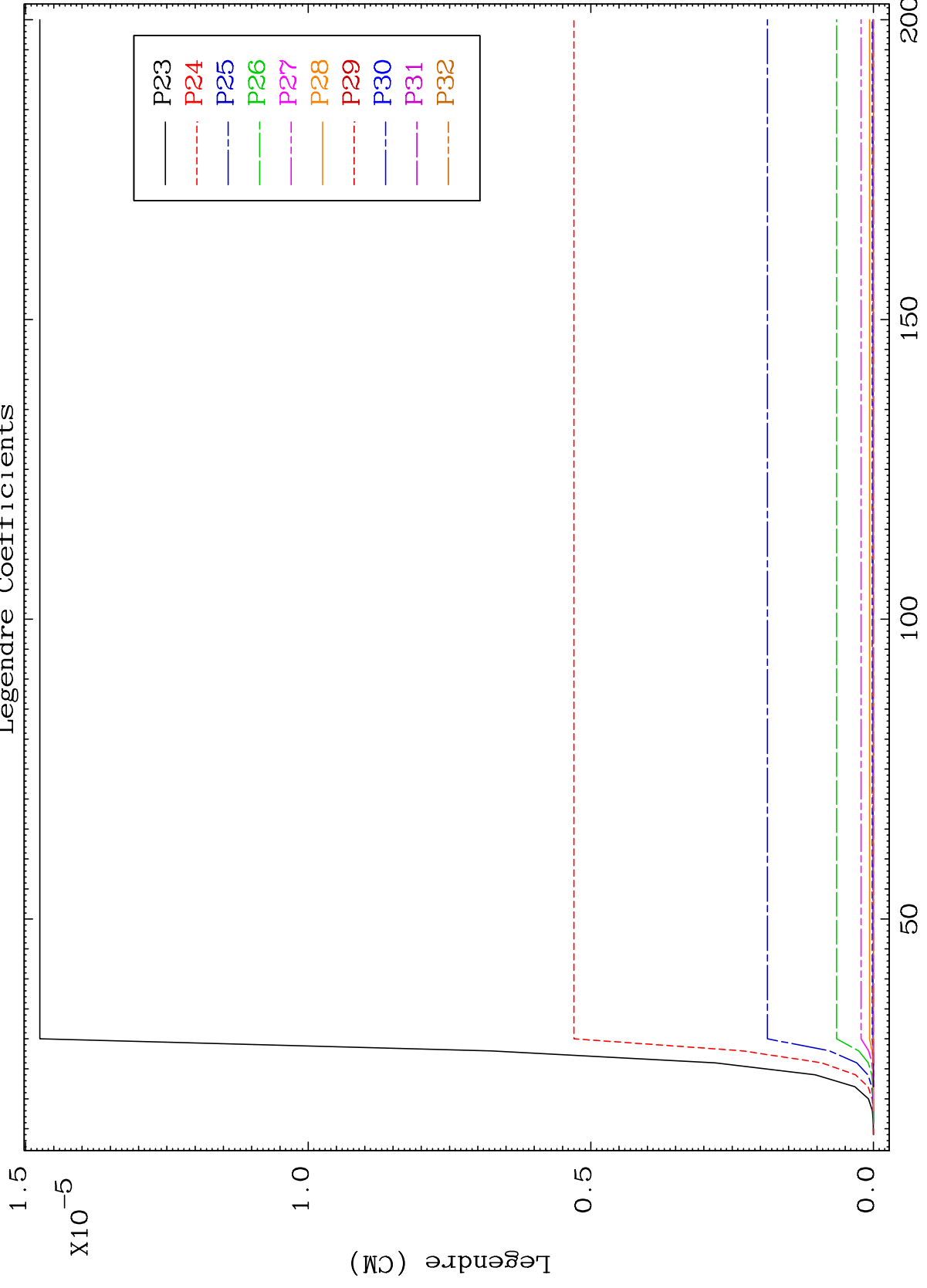


22 Incident Energy (MeV) 30-Zn-60

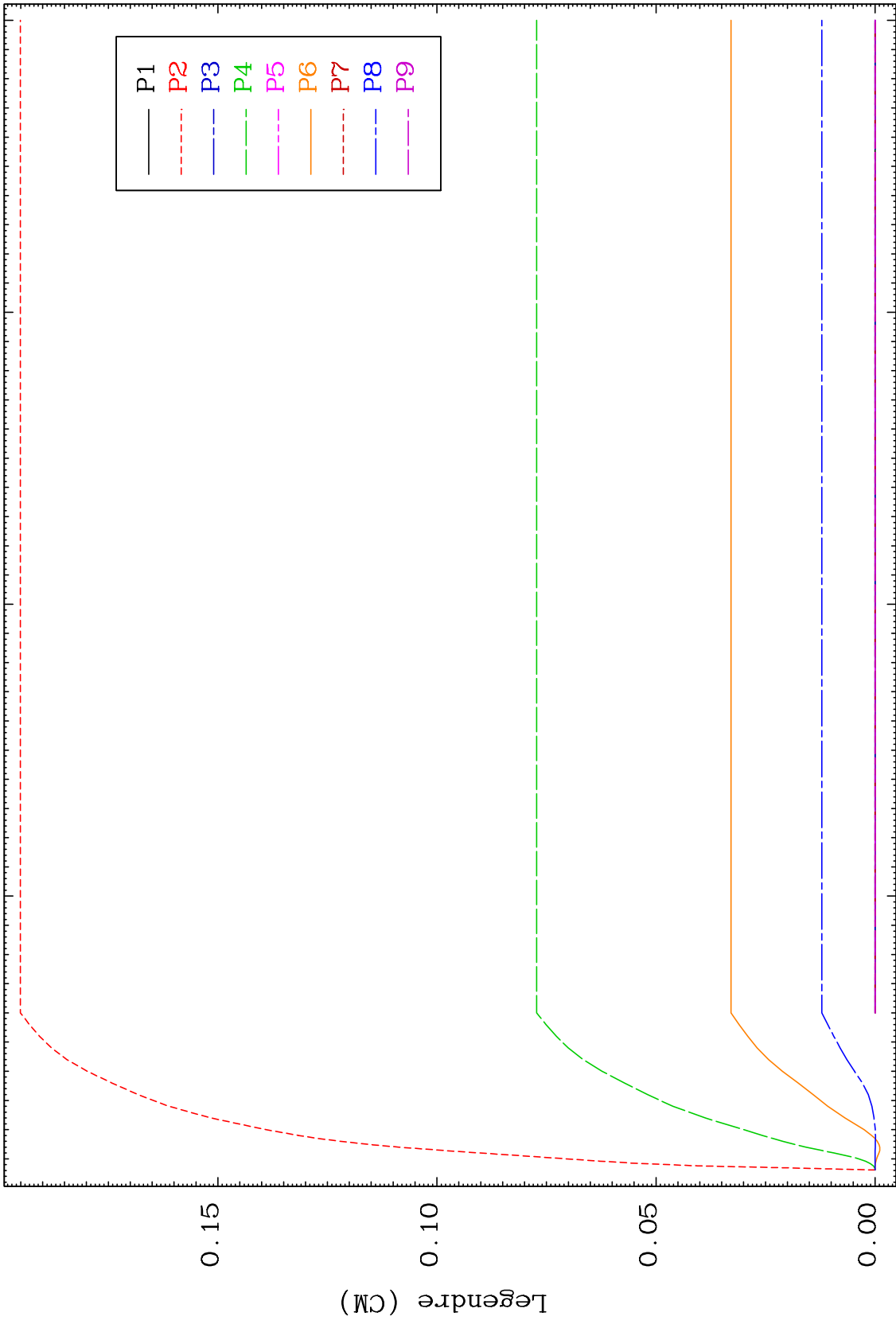
MAT 3013 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-60



MAT 3013 MT= 53 (n,n') Level Legendre Coefficients 30-Zn-60



MAT 3013 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-60

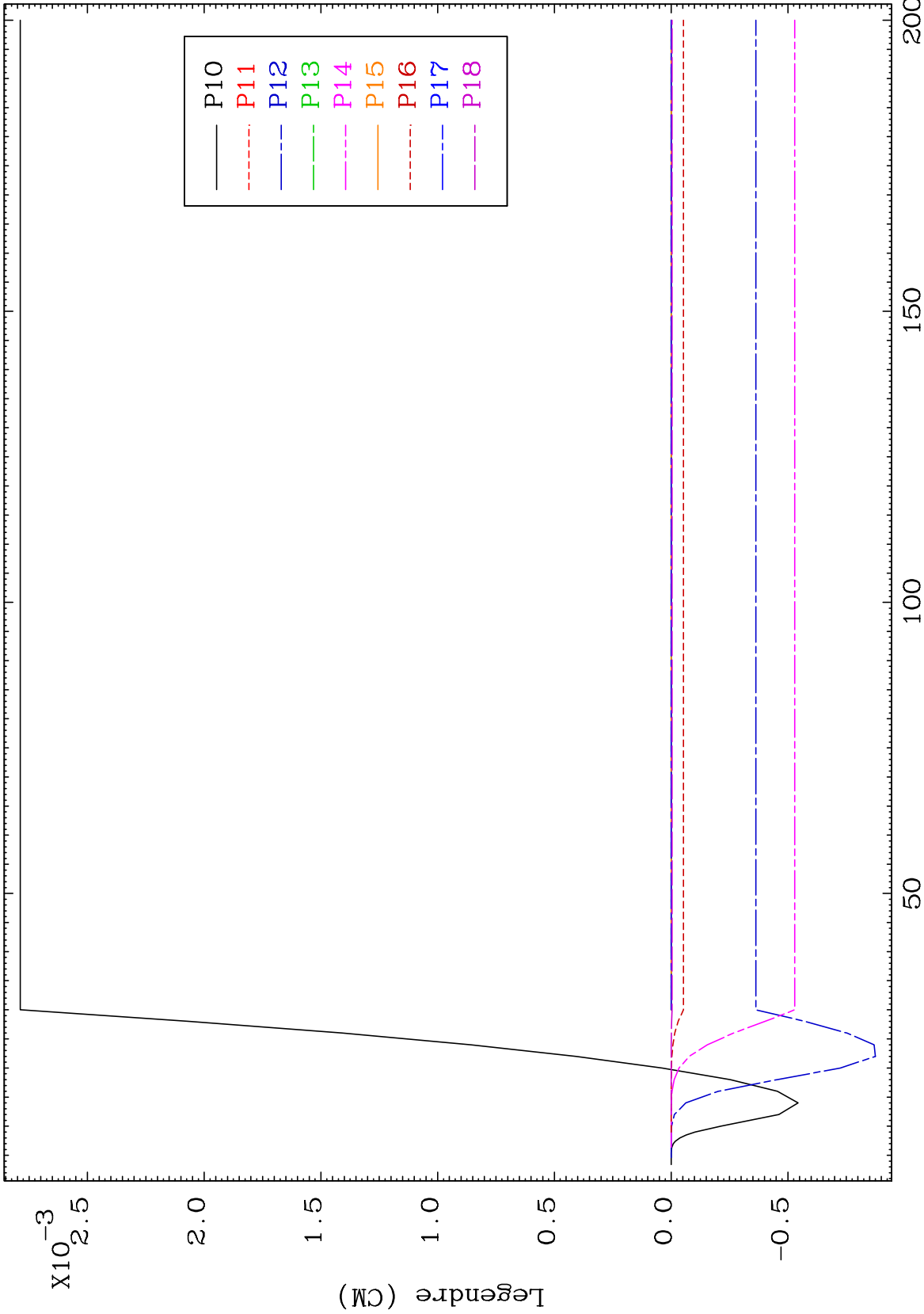


Incident Energy (MeV) 30-Zn-60

MAT 3013

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

30-Zn-60

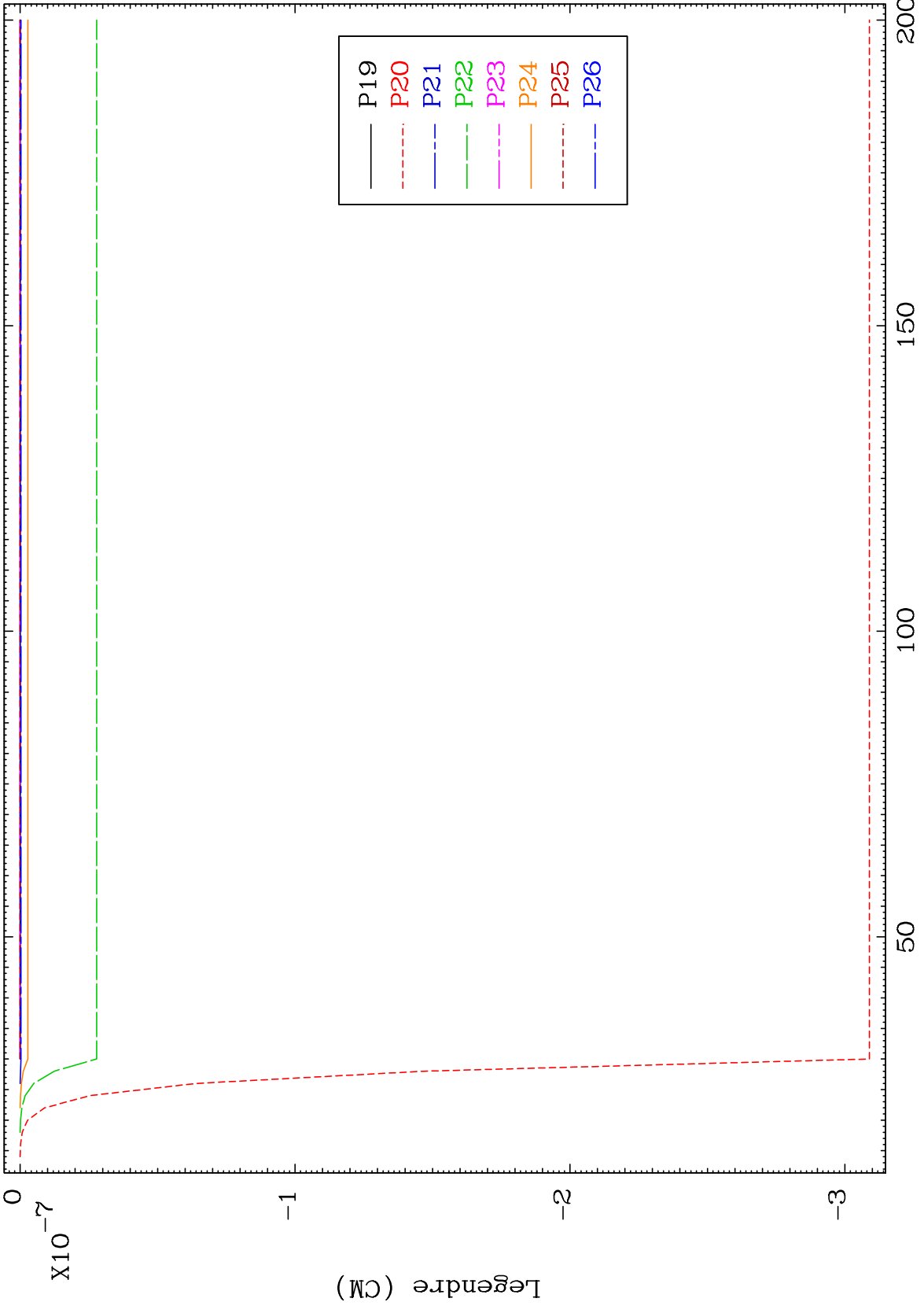


26

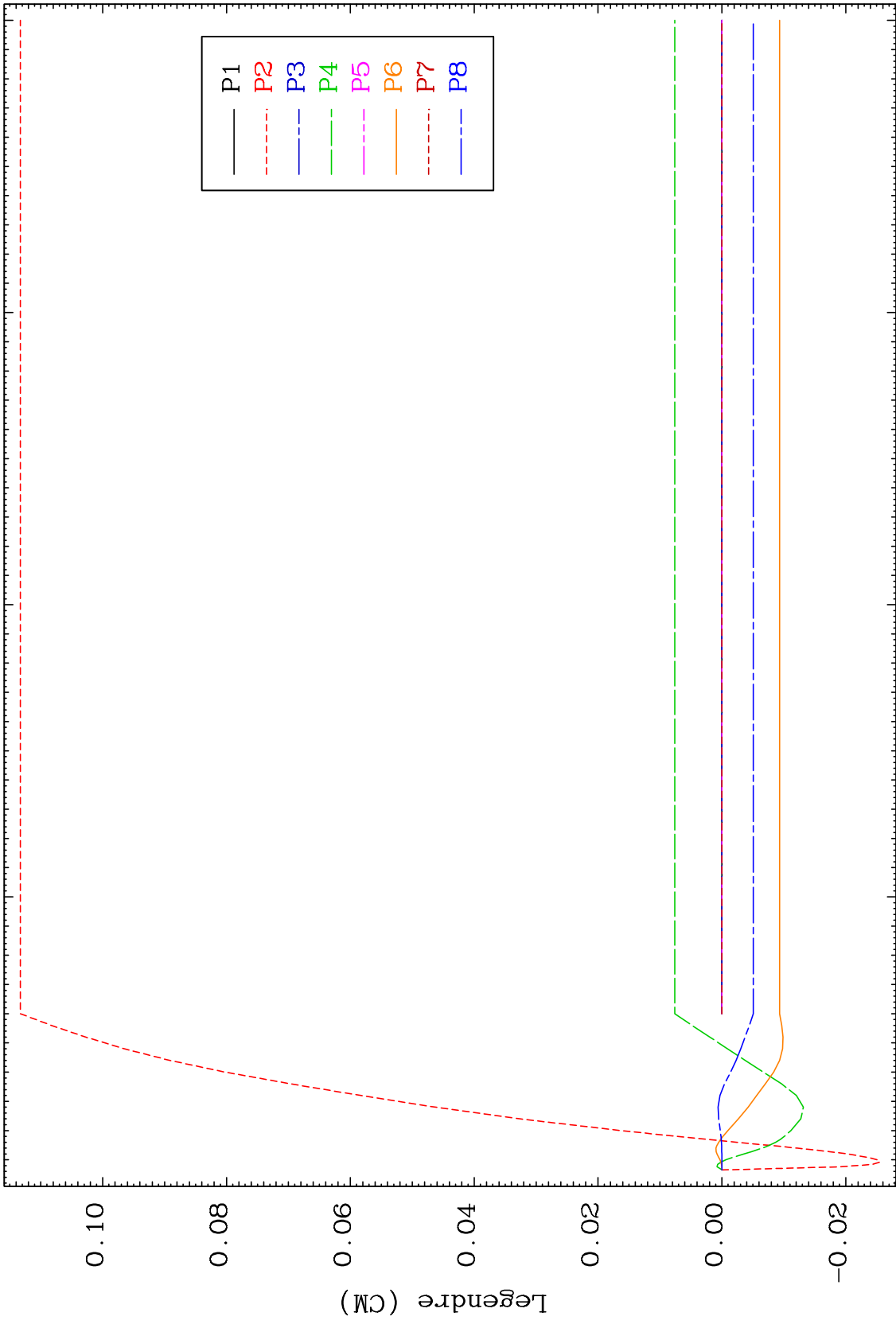
Incident Energy (MeV)

30-Zn-60

MAT 3013 MT= 54 (n,n') Level Legendre Coefficients 30-Zn-60



MAT 3013 MT= 55 (n,n') Level Legendre Coefficients 30-Zn-60

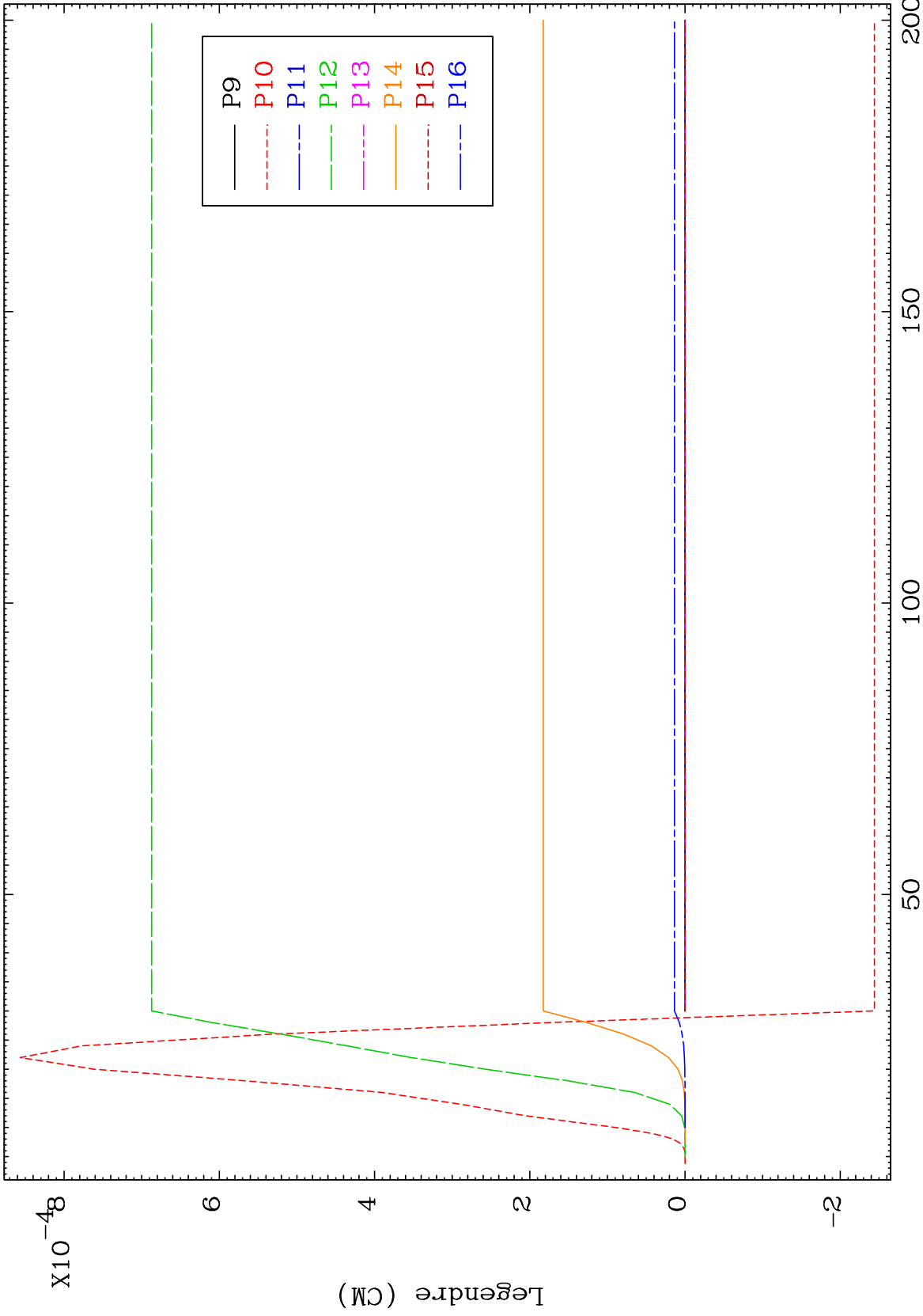


Incident Energy (MeV) 30-Zn-60

MAT 3013

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

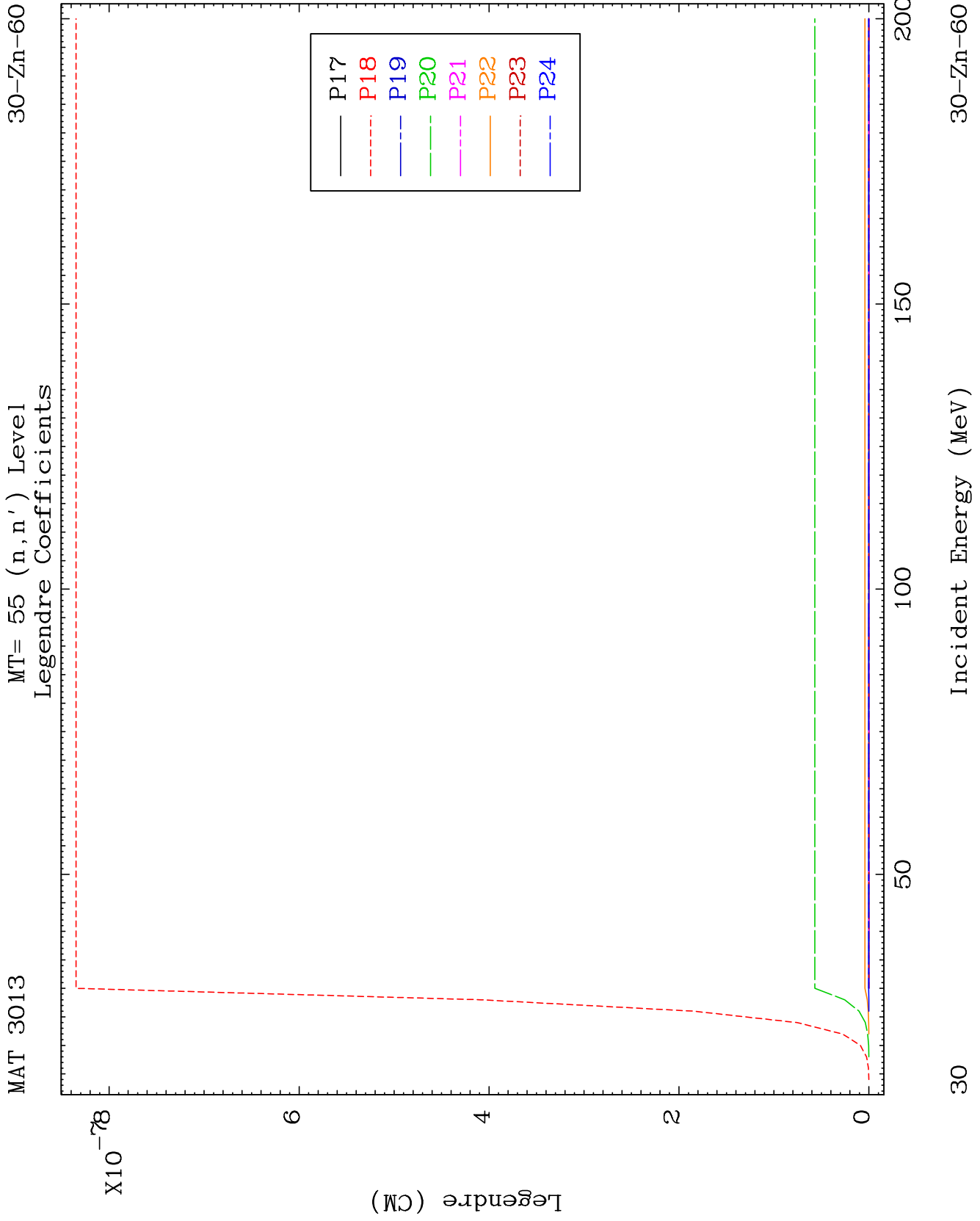
30-Zn-60

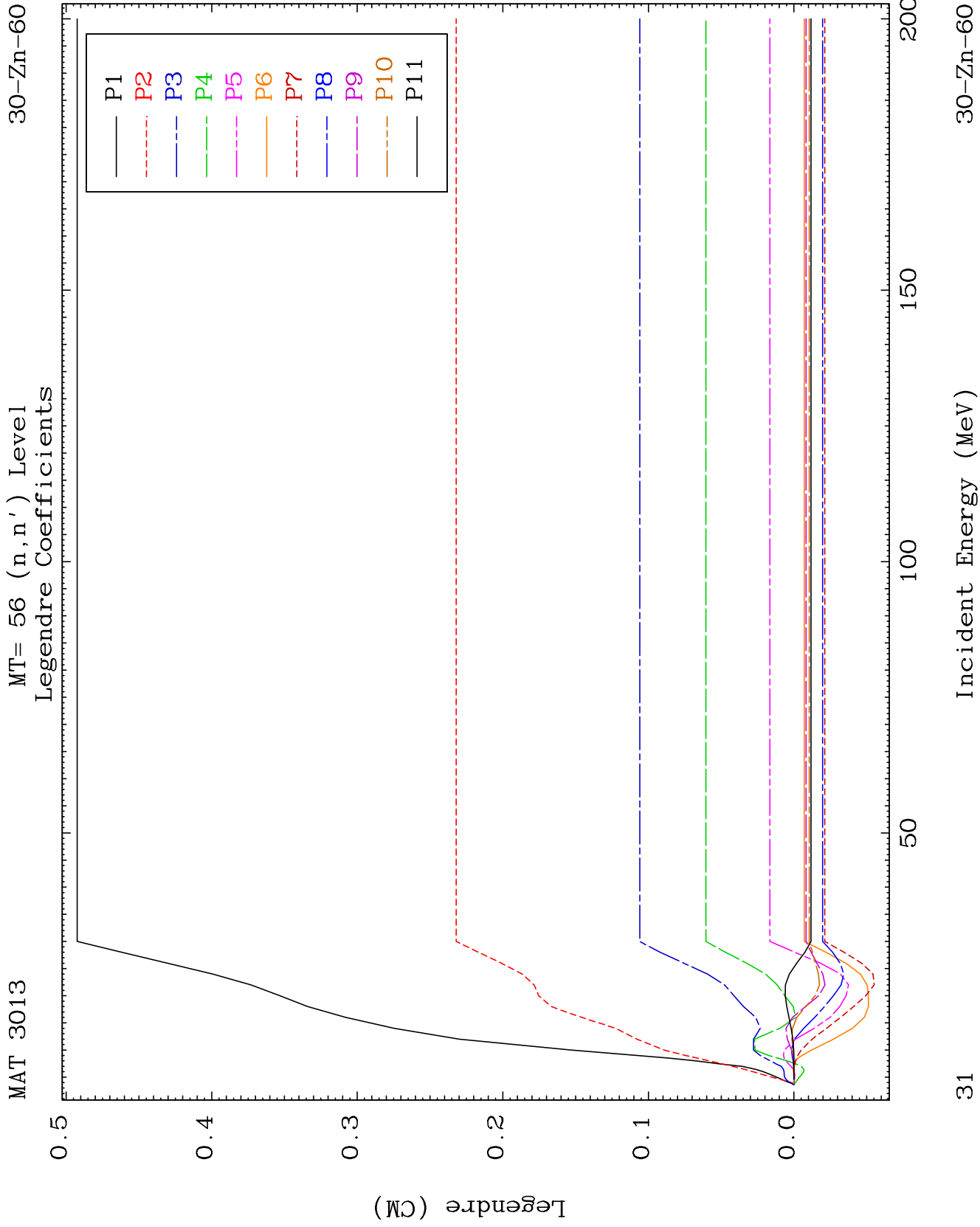


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Incident Energy (MeV)

30-Zn-60

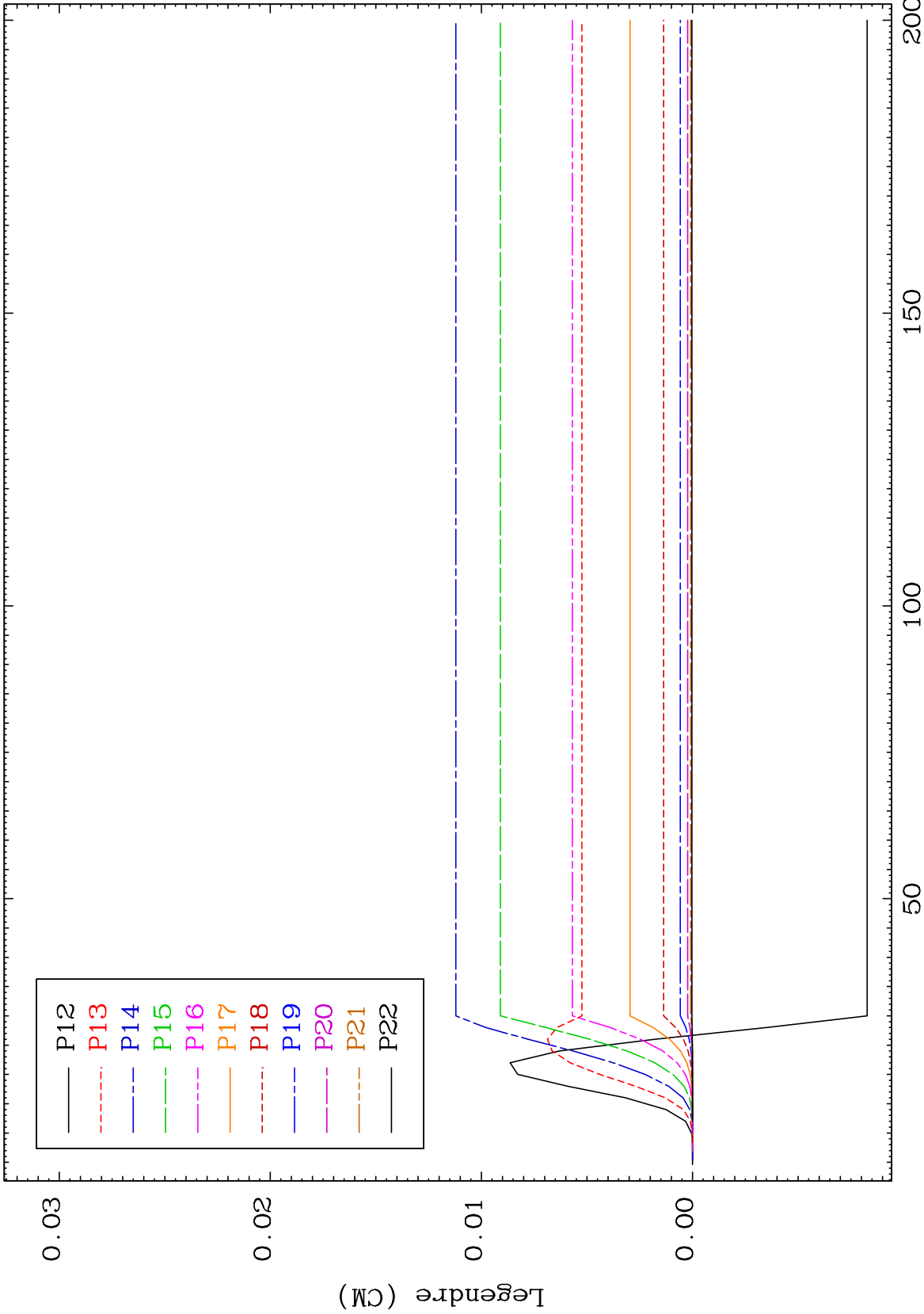




MAT 3013

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

30-Zn-60

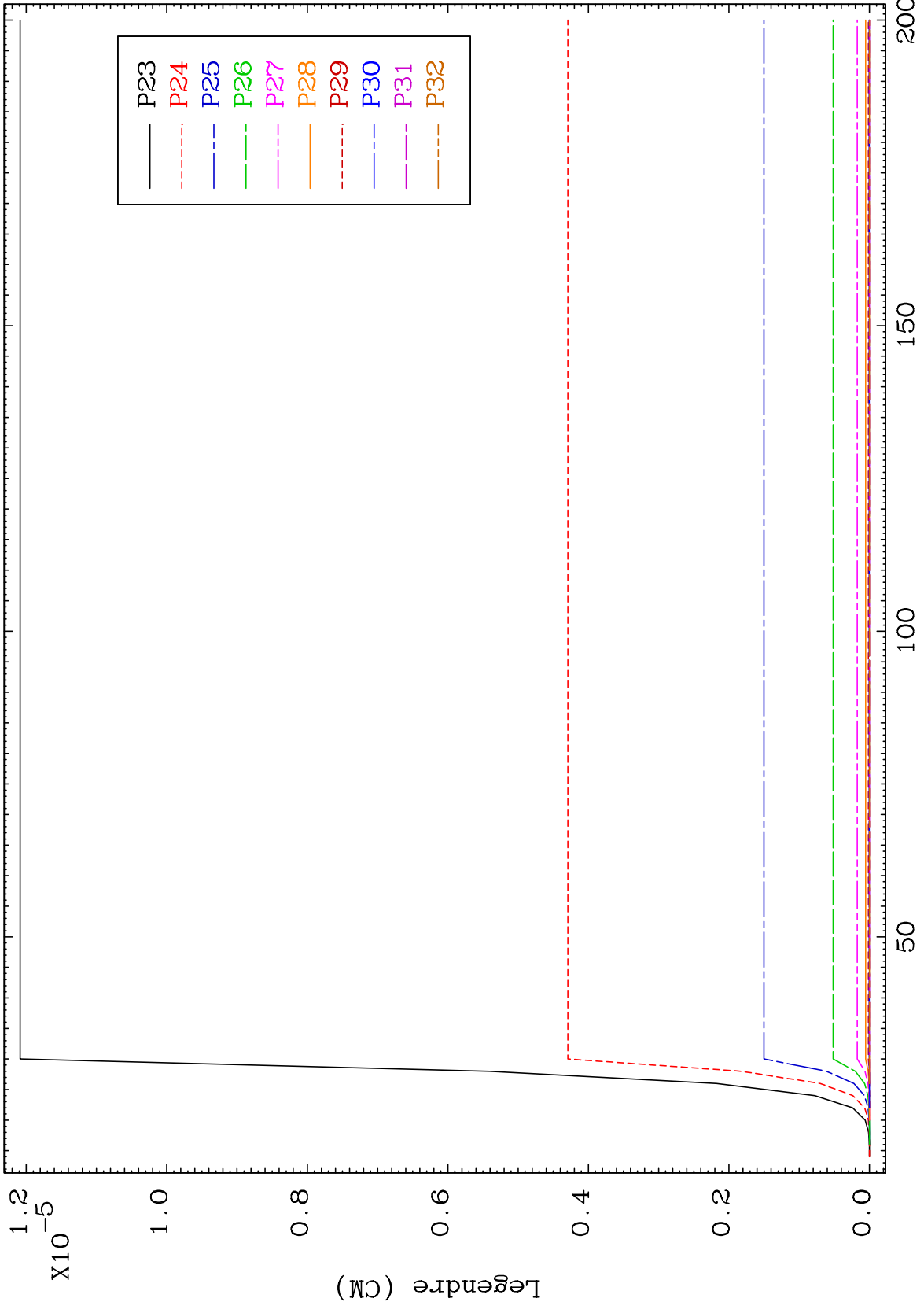


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Incident Energy (MeV)

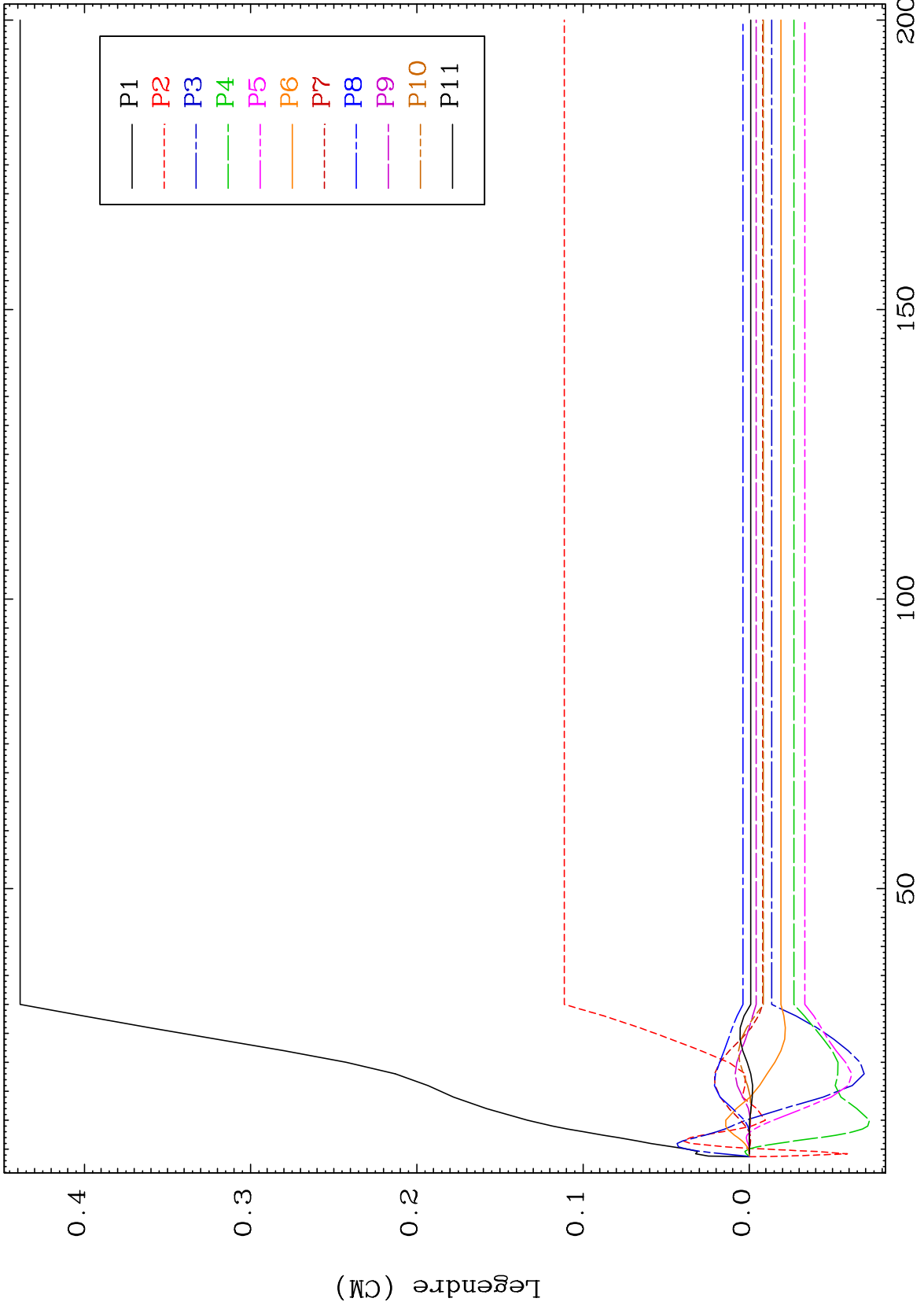
30-Zn-60

MAT 3013 MT= 56 (n,n') Level Legendre Coefficients 30-Zn-60



33 Incident Energy (MeV) 30-Zn-60

MAT 3013 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-60

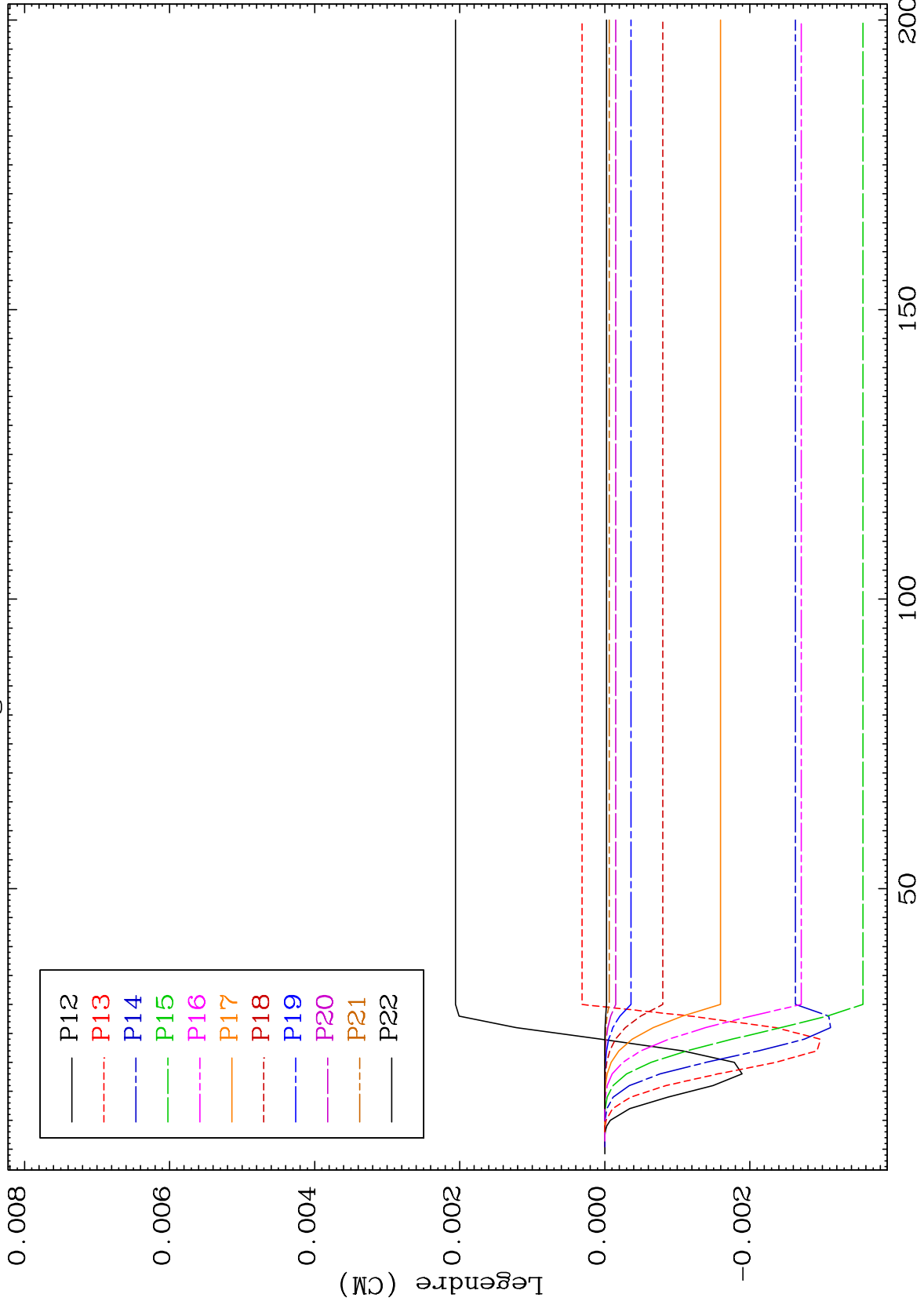


34 30-Zn-60

MAT 3013

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

30-Zn-60

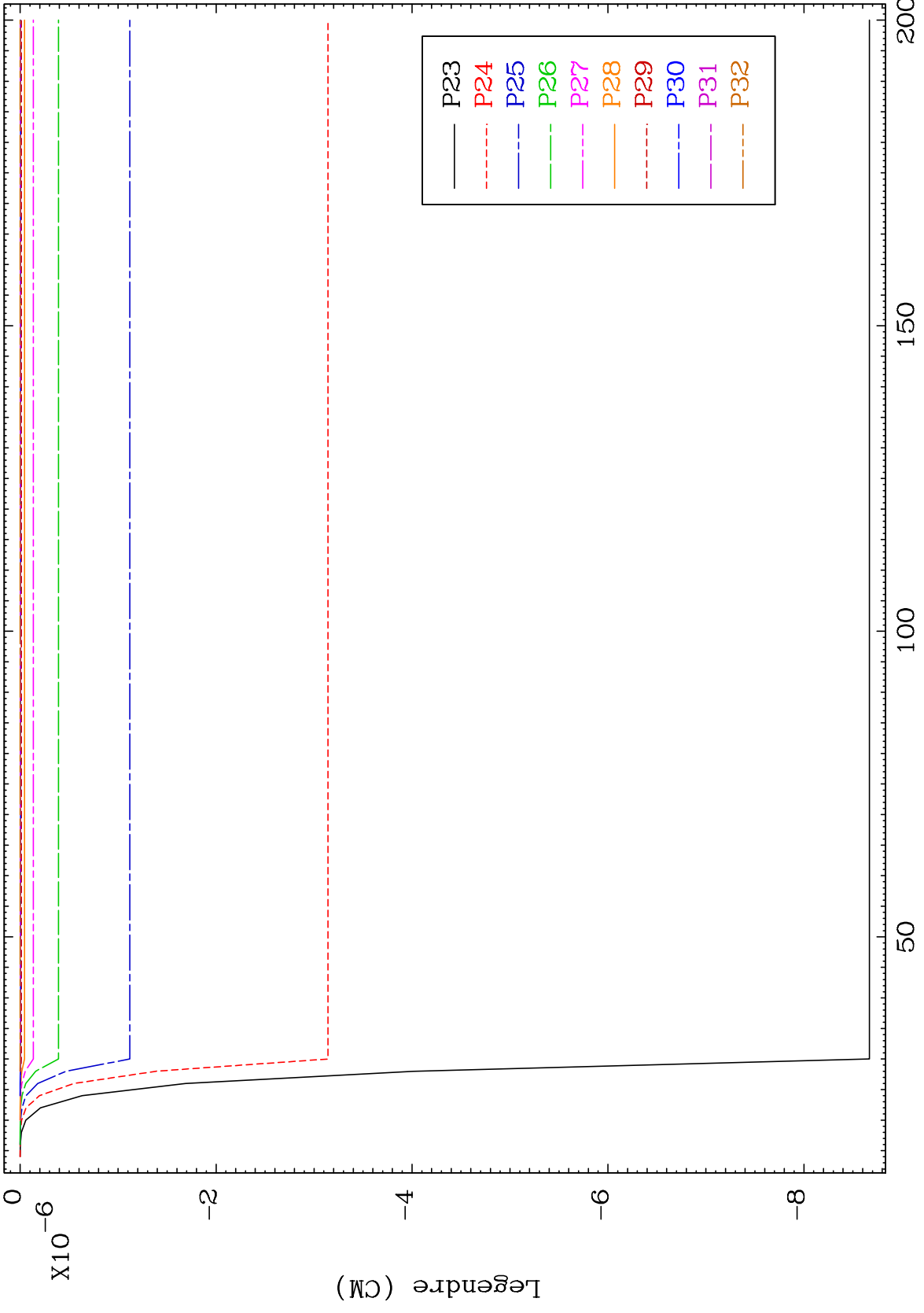


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Incident Energy (MeV)

30-Zn-60

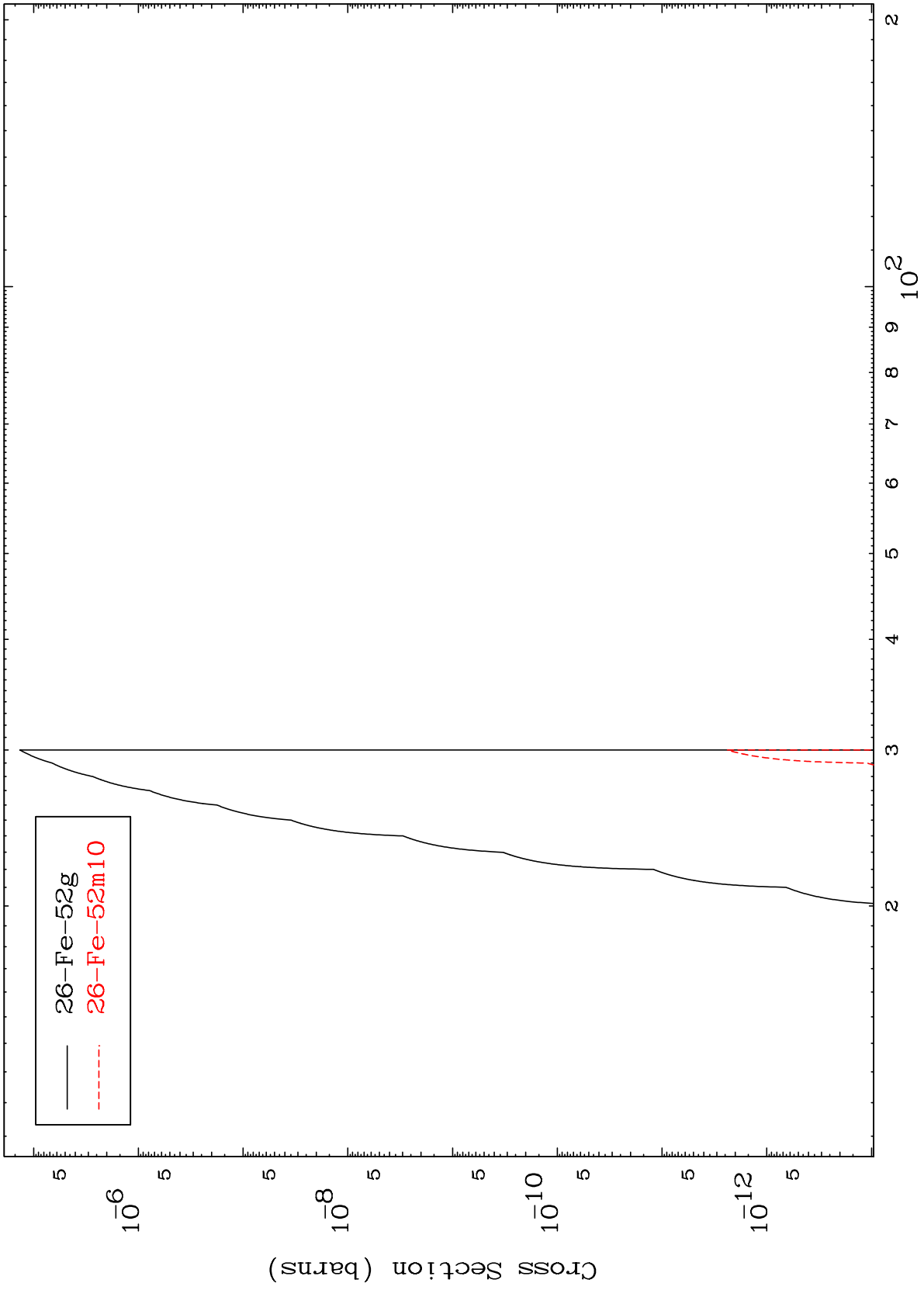
MAT 3013 MT= 57 (n,n') Level Legendre Coefficients 30-Zn-60



MAT 3013

(n,n') 2α
Radionuclide Production Cross Section

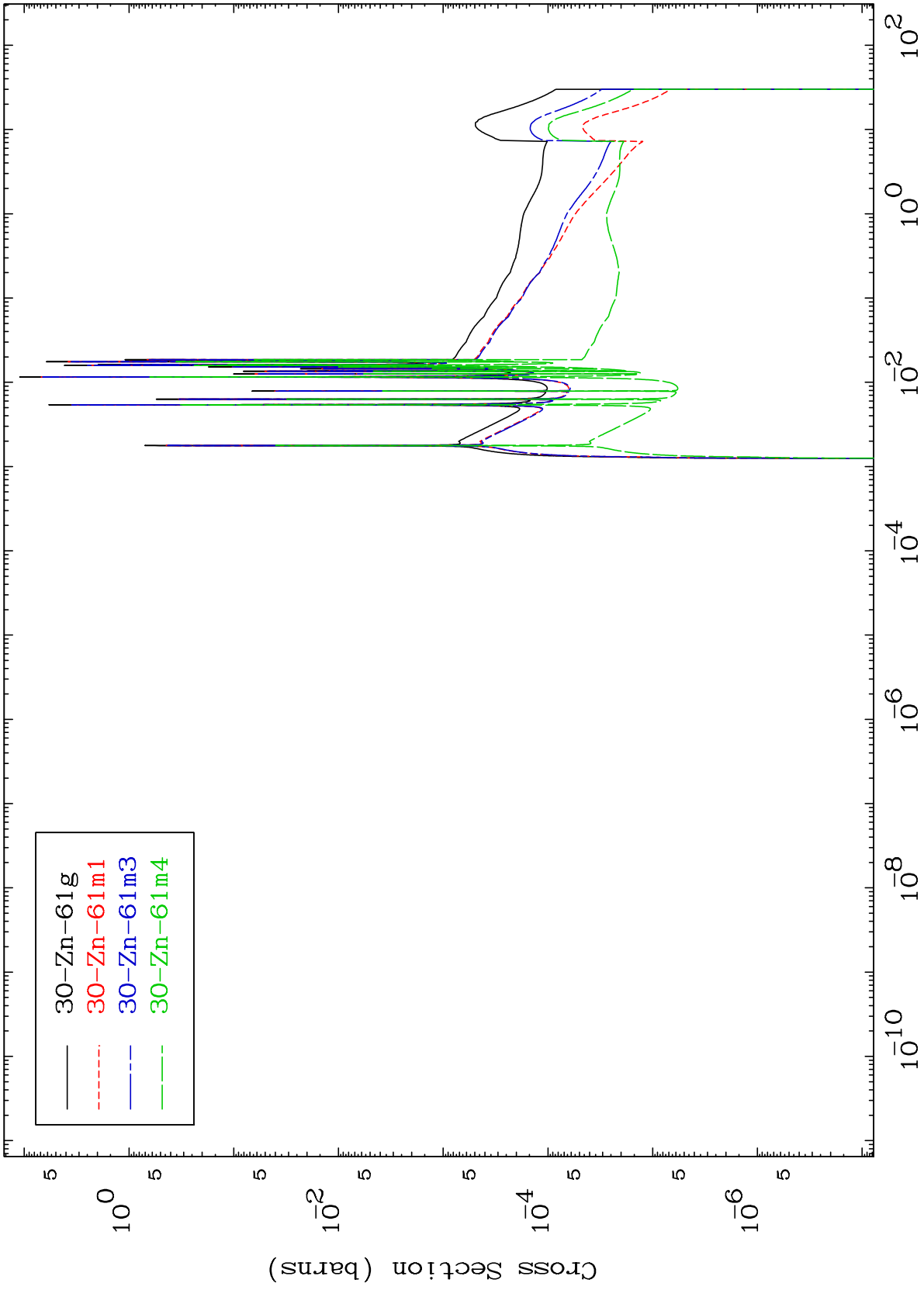
30-Zn-60



MAT 3013

30-Zn-60

Radionuclide Production Cross Section
(n,γ)



38

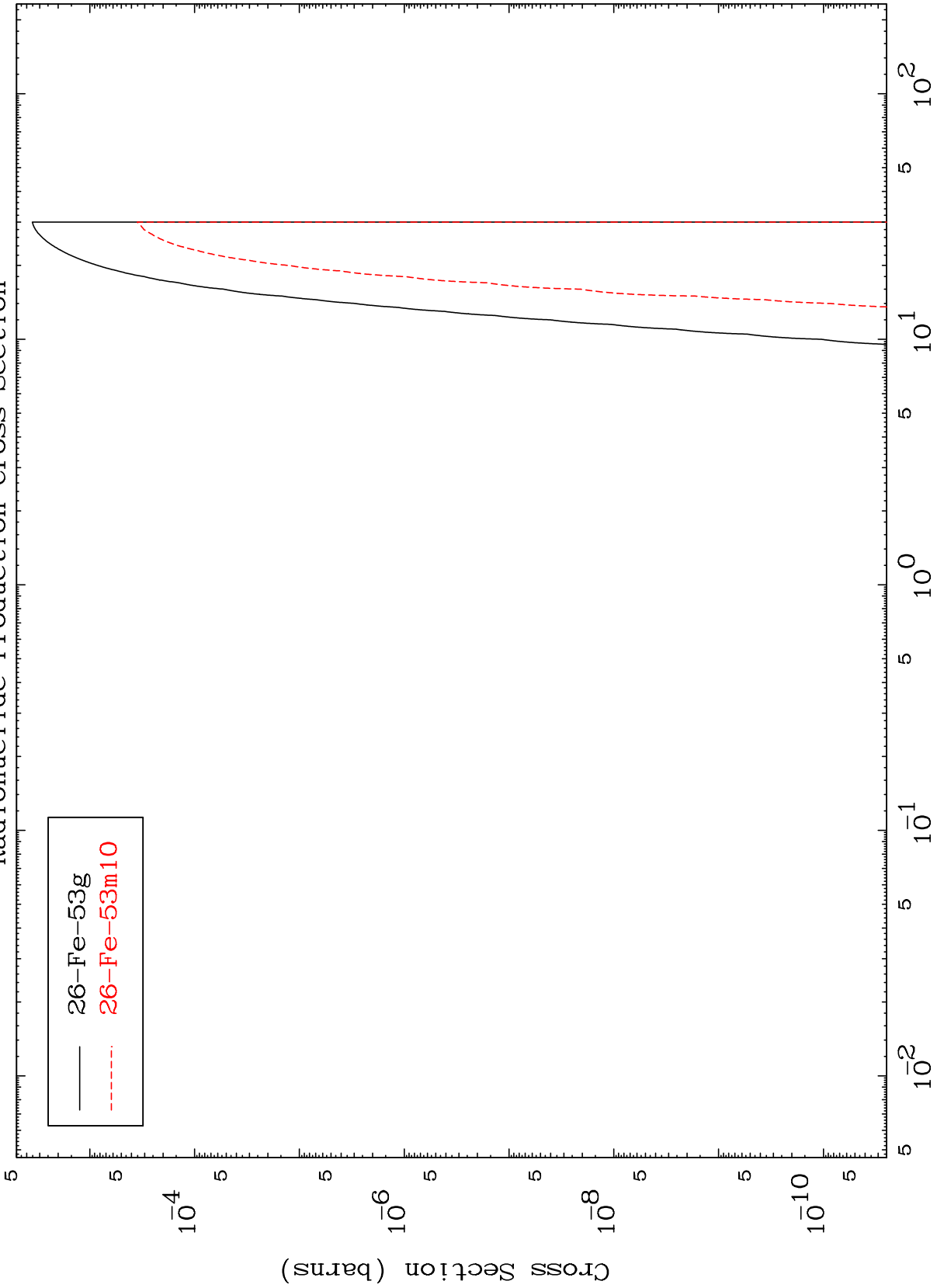
30-Zn-60

MAT 3013

(n,2α)

30-Zn-60

Radionuclide Production Cross Section



— 26-Fe-53g
- - - 26-Fe-53m10

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Incident Energy (MeV)

30-Zn-60