

Program EVALPLOT
(Version 2015-2)

by

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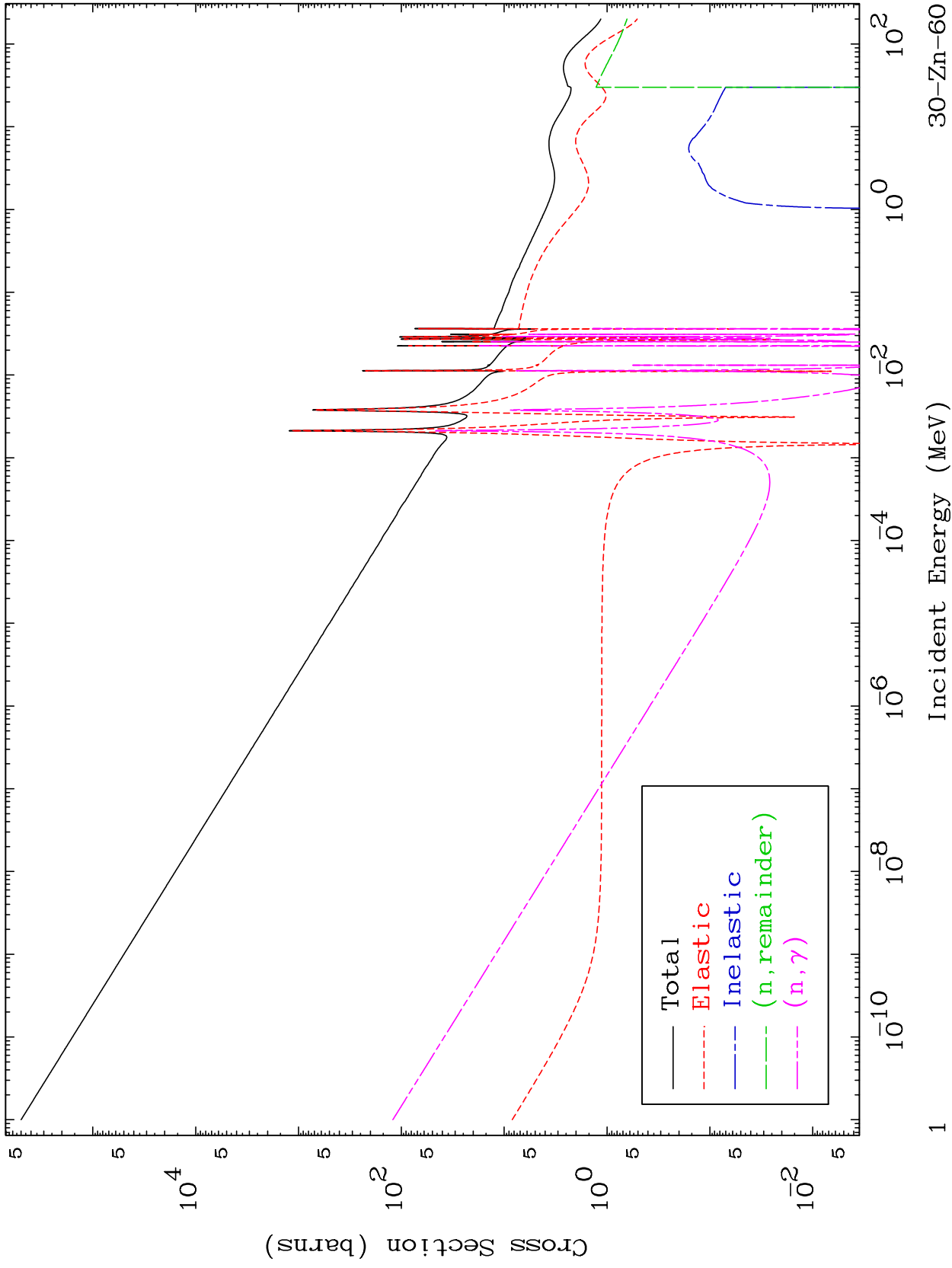
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3013

Major
293 Kelvin Cross Sections

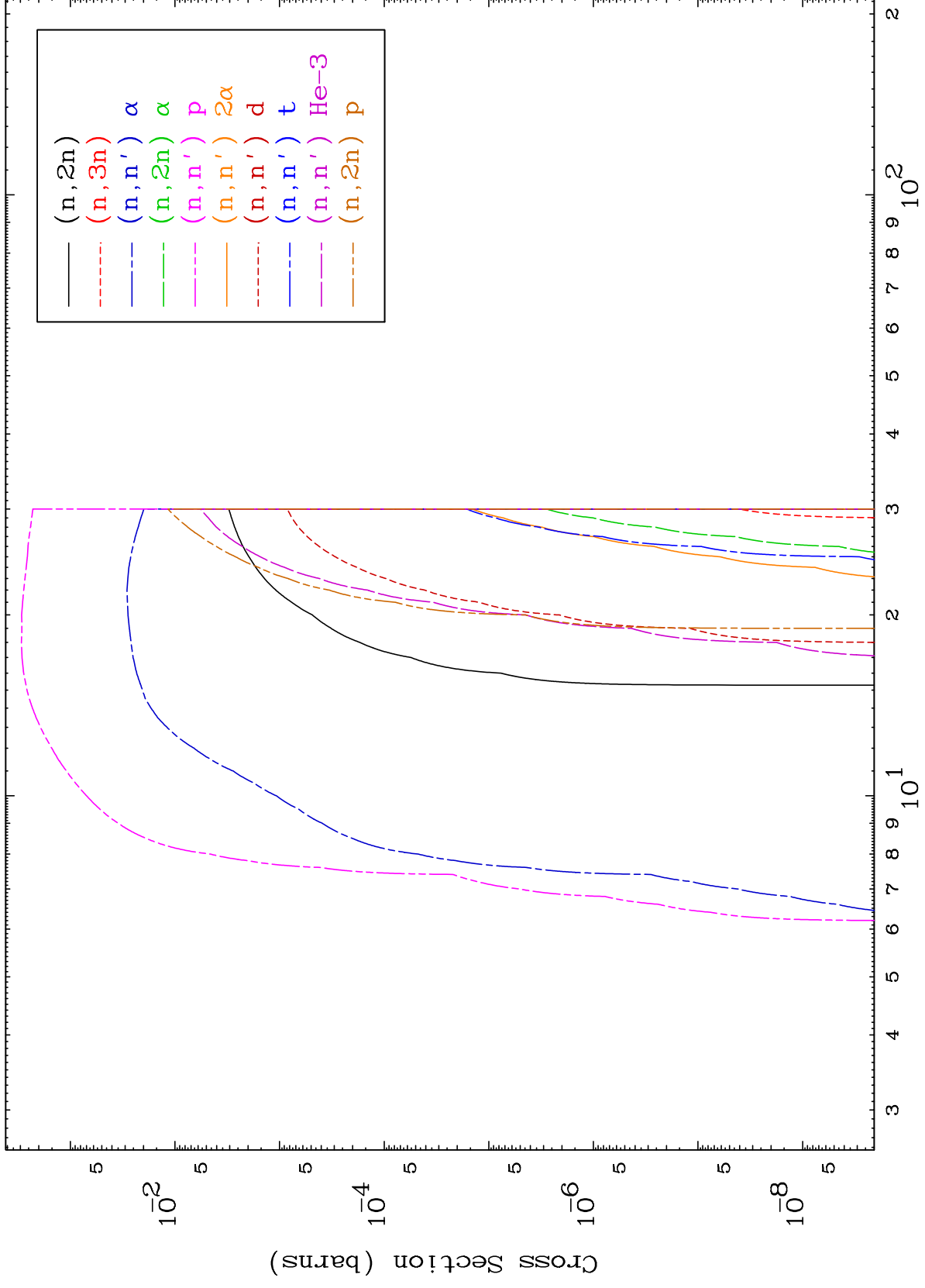
30-Zn-60



MAT 3013

Neutron Production
293 Kelvin Cross Sections

30-Zn-60



2

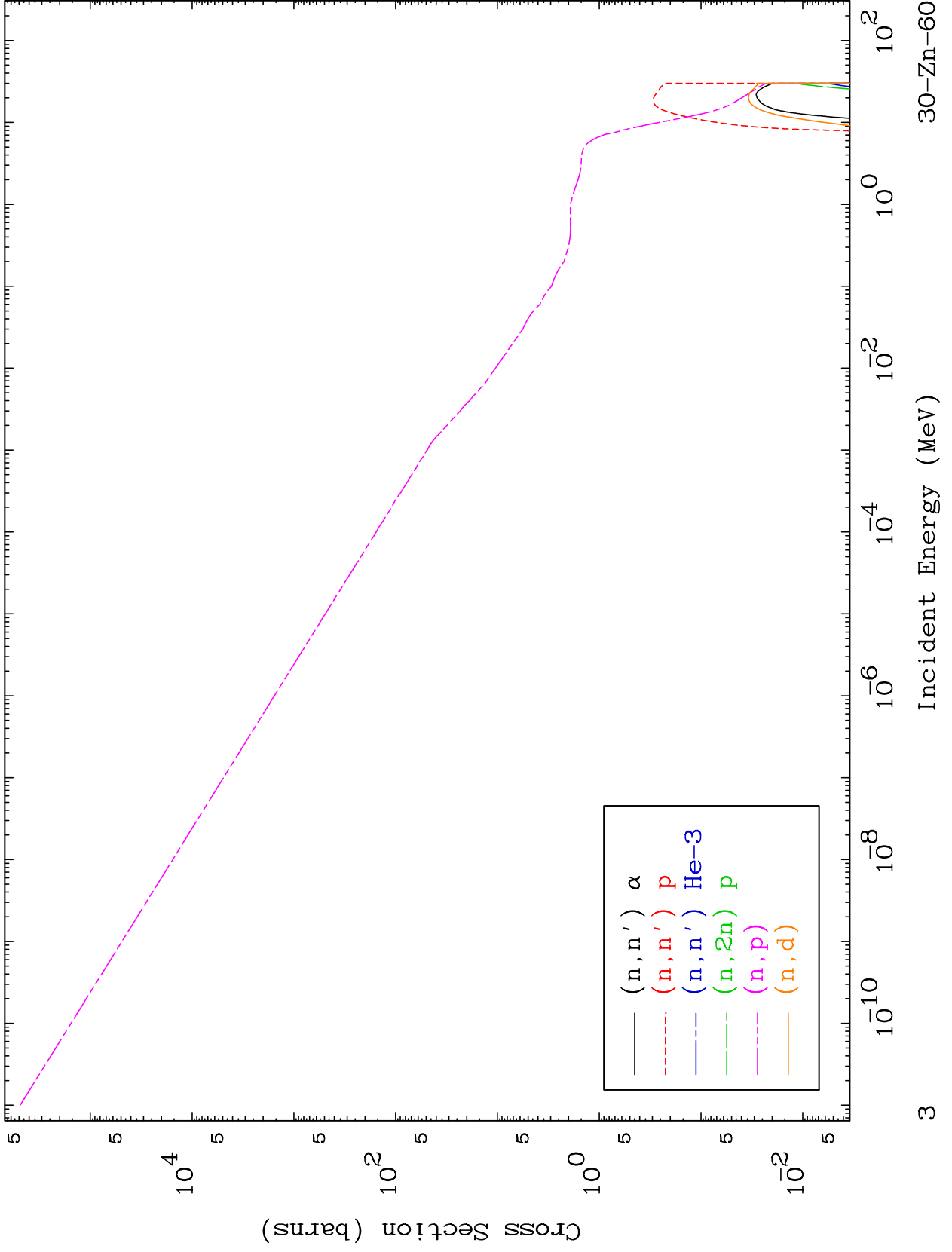
Incident Energy (MeV)

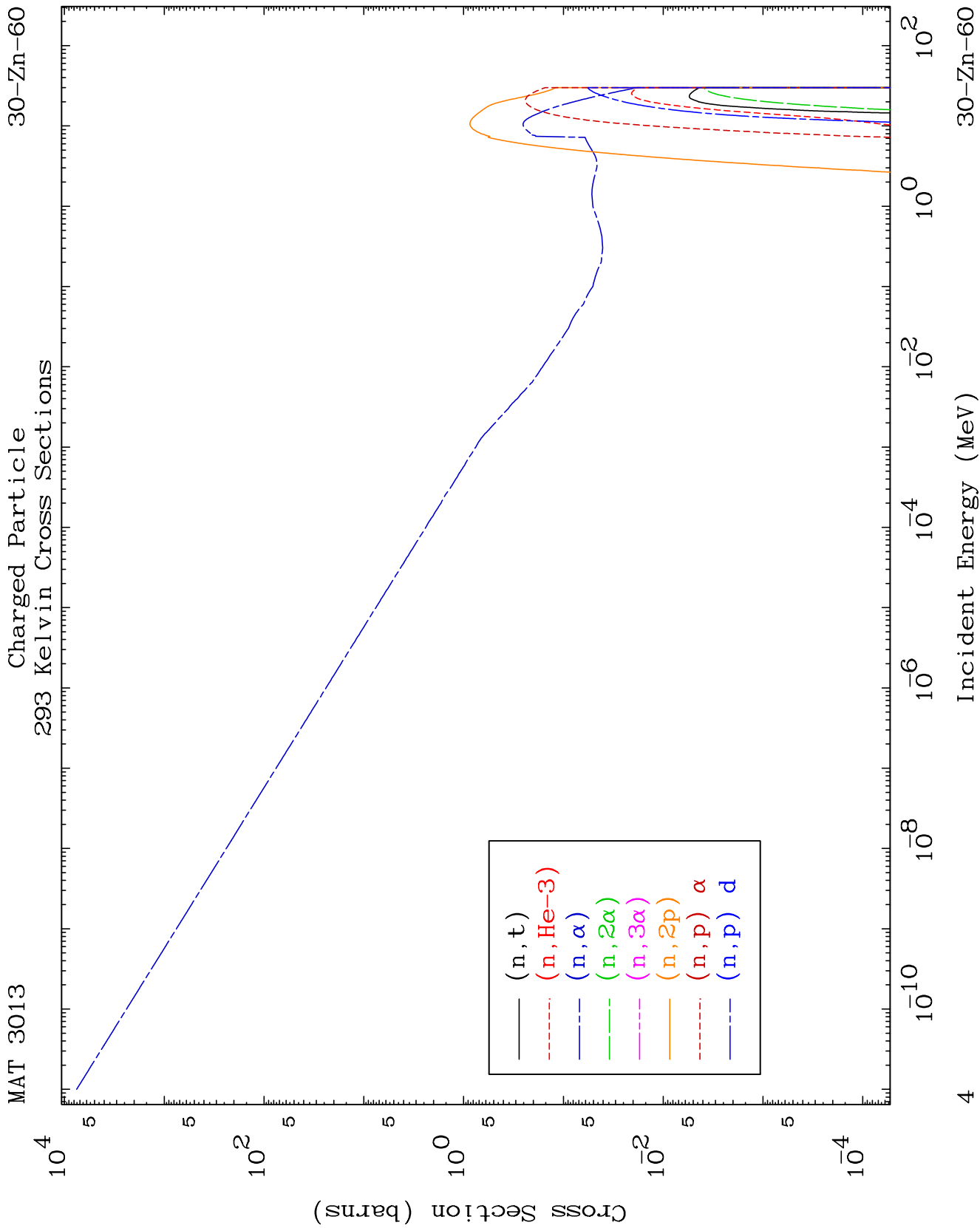
30-Zn-60

MAT 3013

Charged Particle
293 Kelvin Cross Sections

30-Zn-60

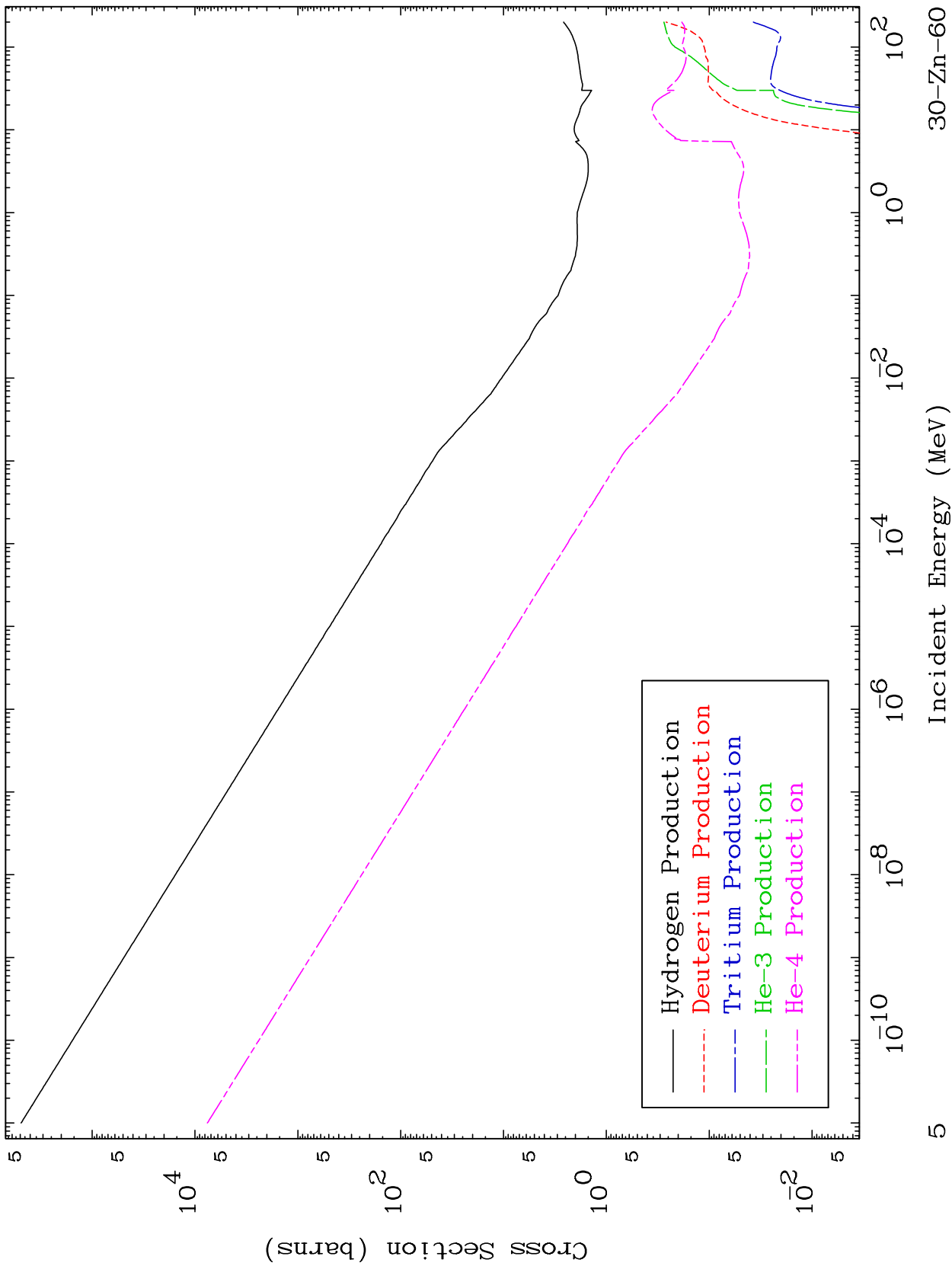




MAT 3013

Particle Production
293 Kelvin Cross Sections

30-Zn-60

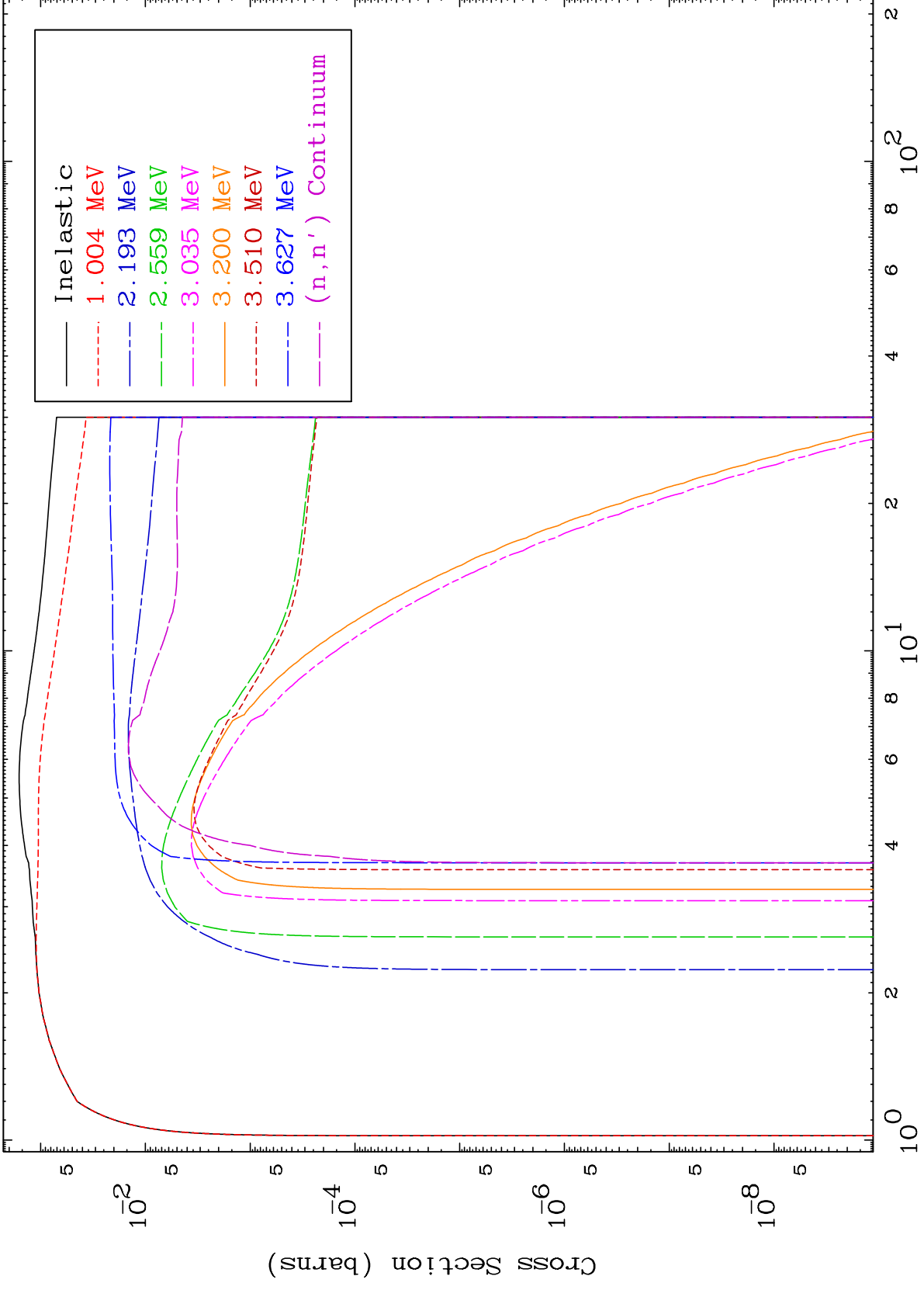


MAT 3013

(n,n') Level

30-Zn-60

293 Kelvin Cross Sections



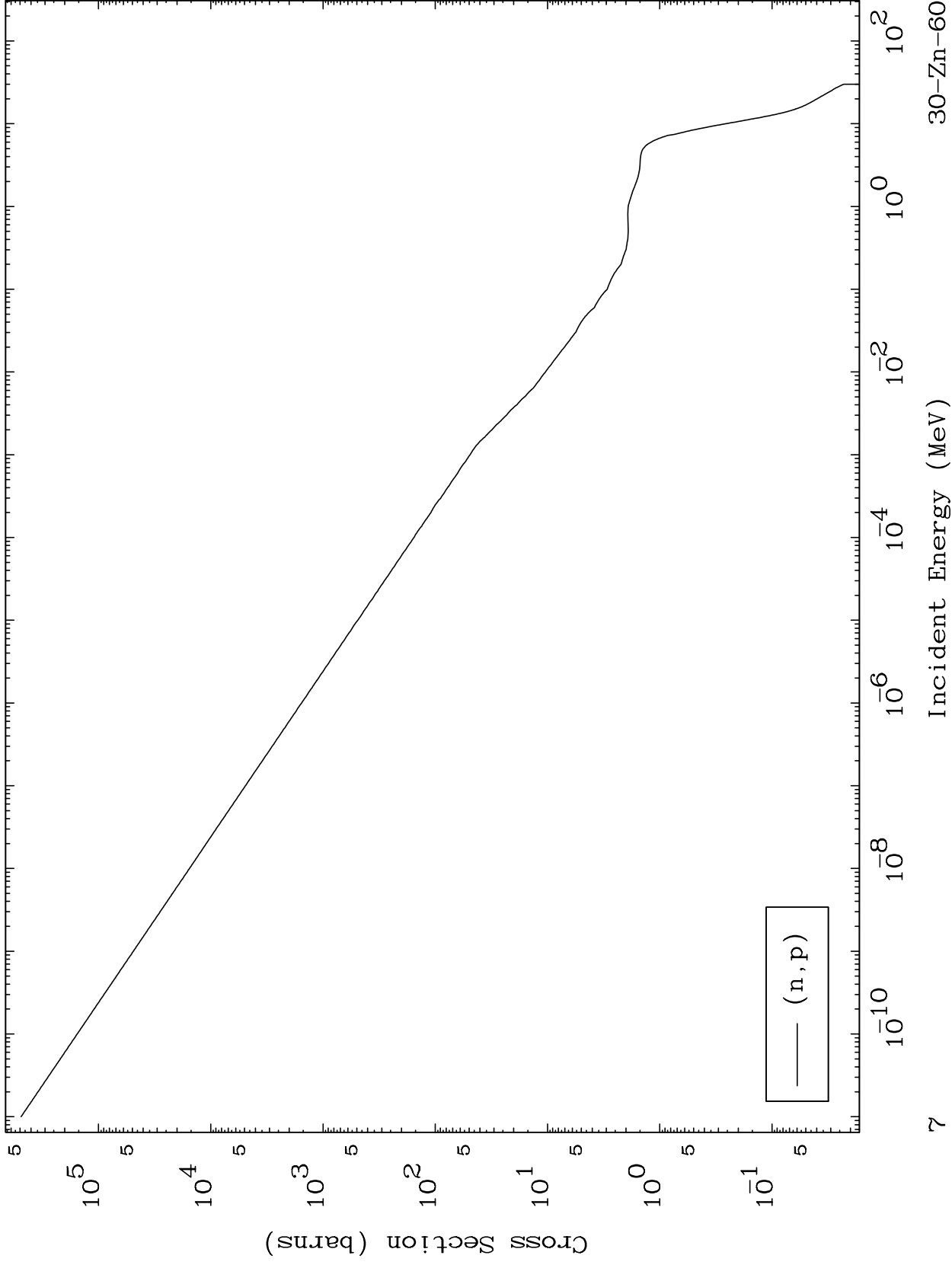
Incident Energy (MeV)

30-Zn-60

MAT 3013

(n,p) Levels
293 Kelvin Cross Sections

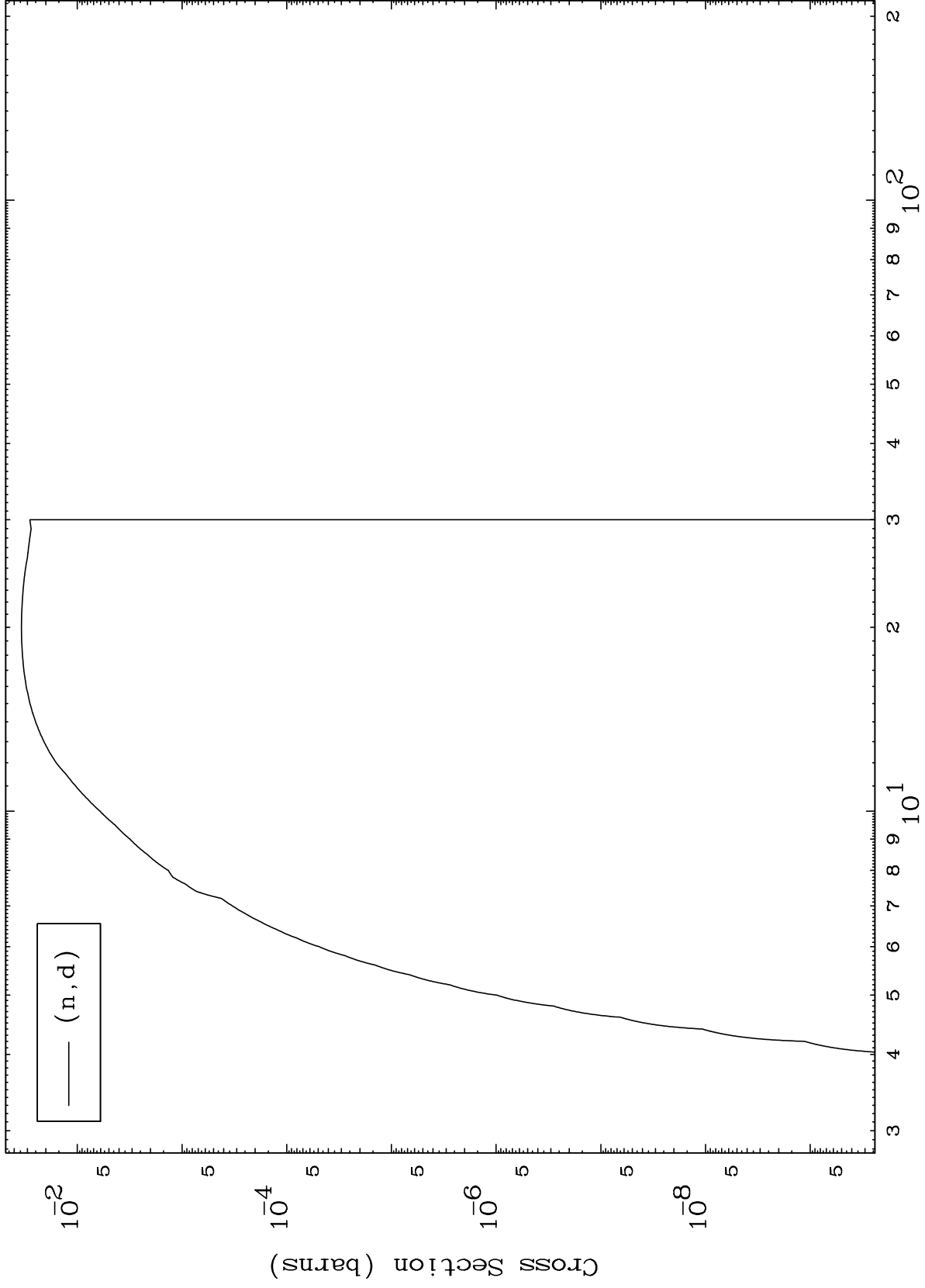
30-Zn-60



MAT 3013

(n,d) Levels
293 Kelvin Cross Sections

30-Zn-60



8

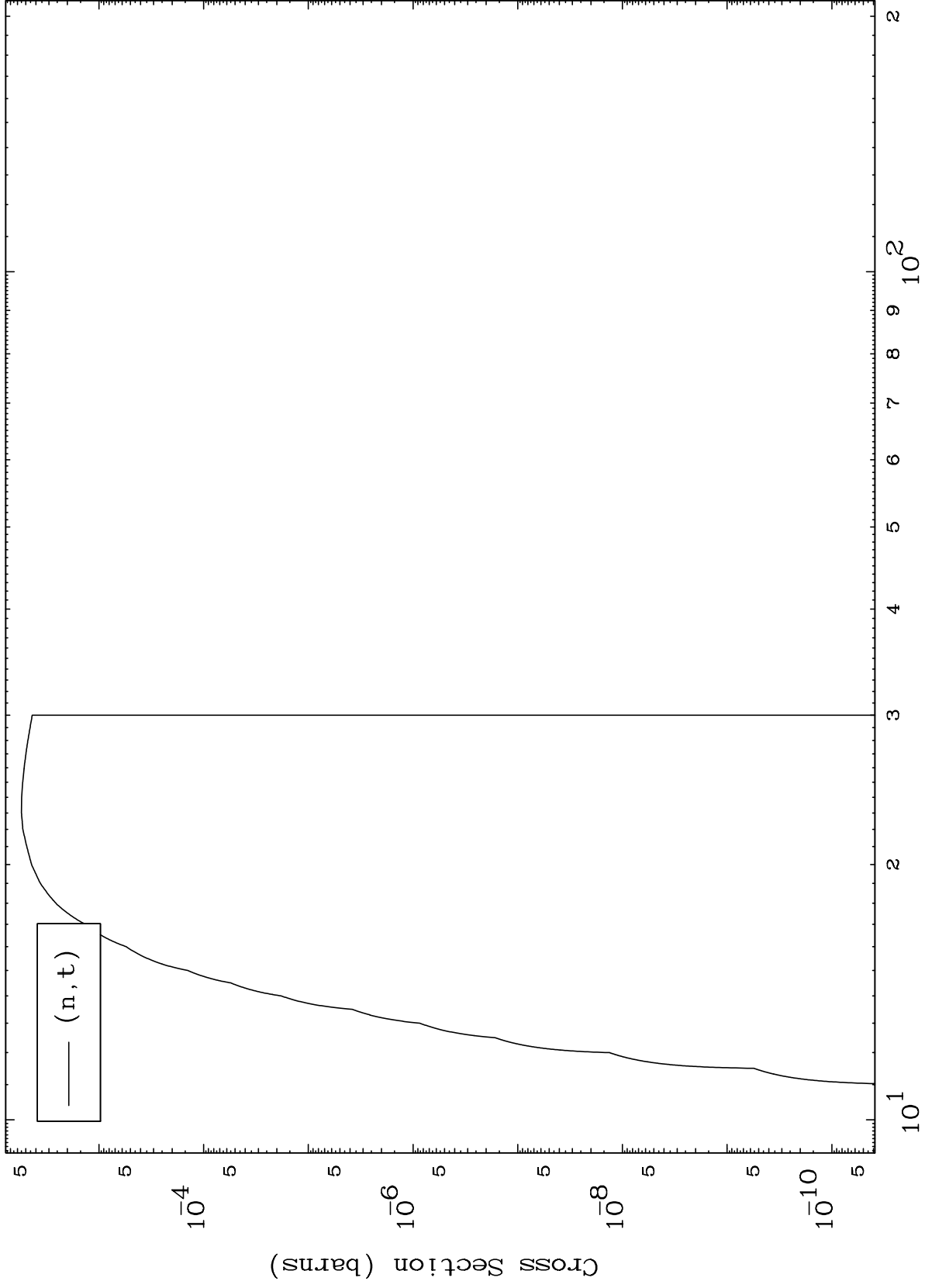
Incident Energy (MeV)

30-Zn-60

MAT 3013

(n,t) Levels
293 Kelvin Cross Sections

30-Zn-60



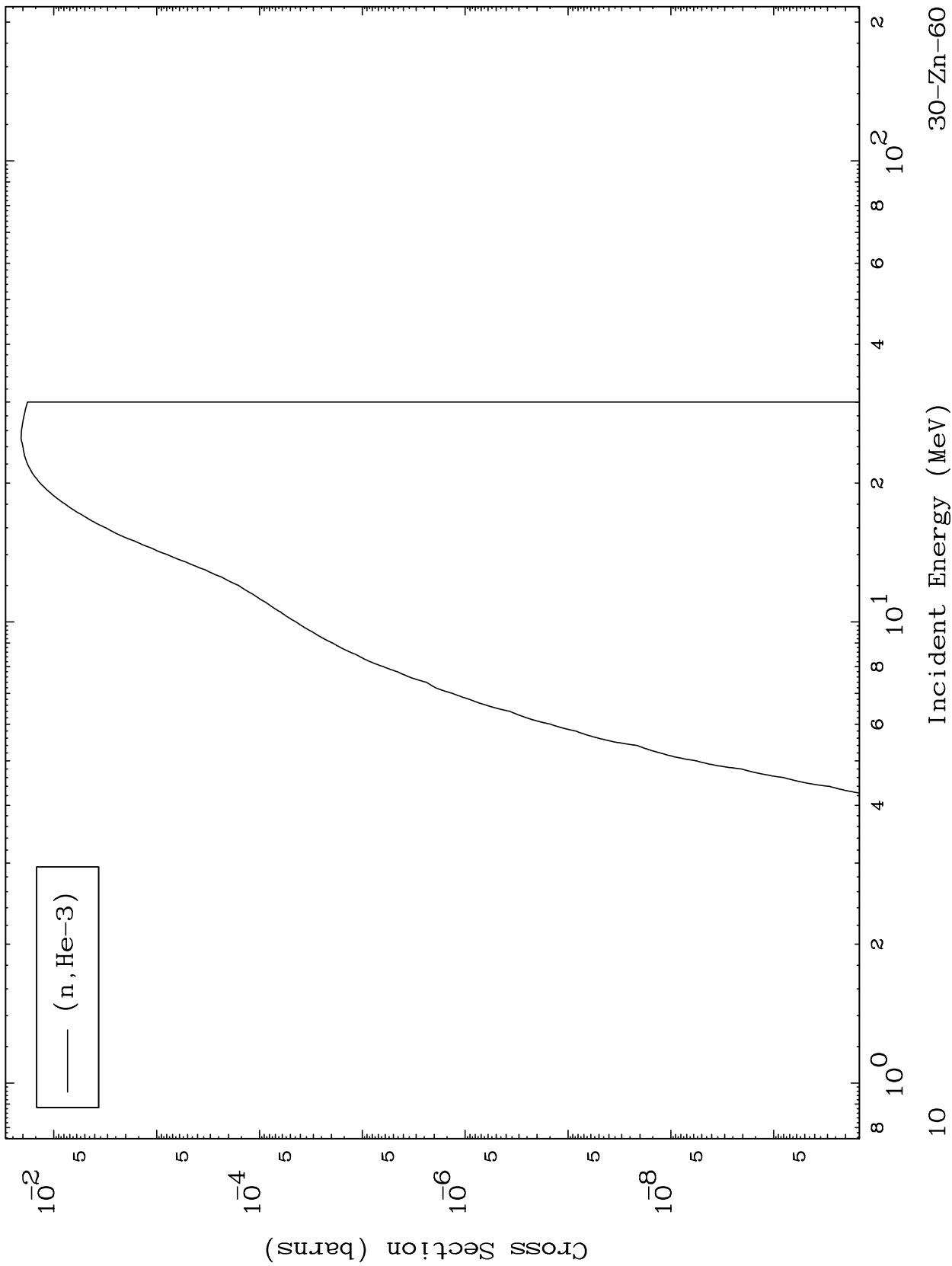
Incident Energy (MeV)

30-Zn-60

MAT 3013

(n,He3) Levels
293 Kelvin Cross Sections

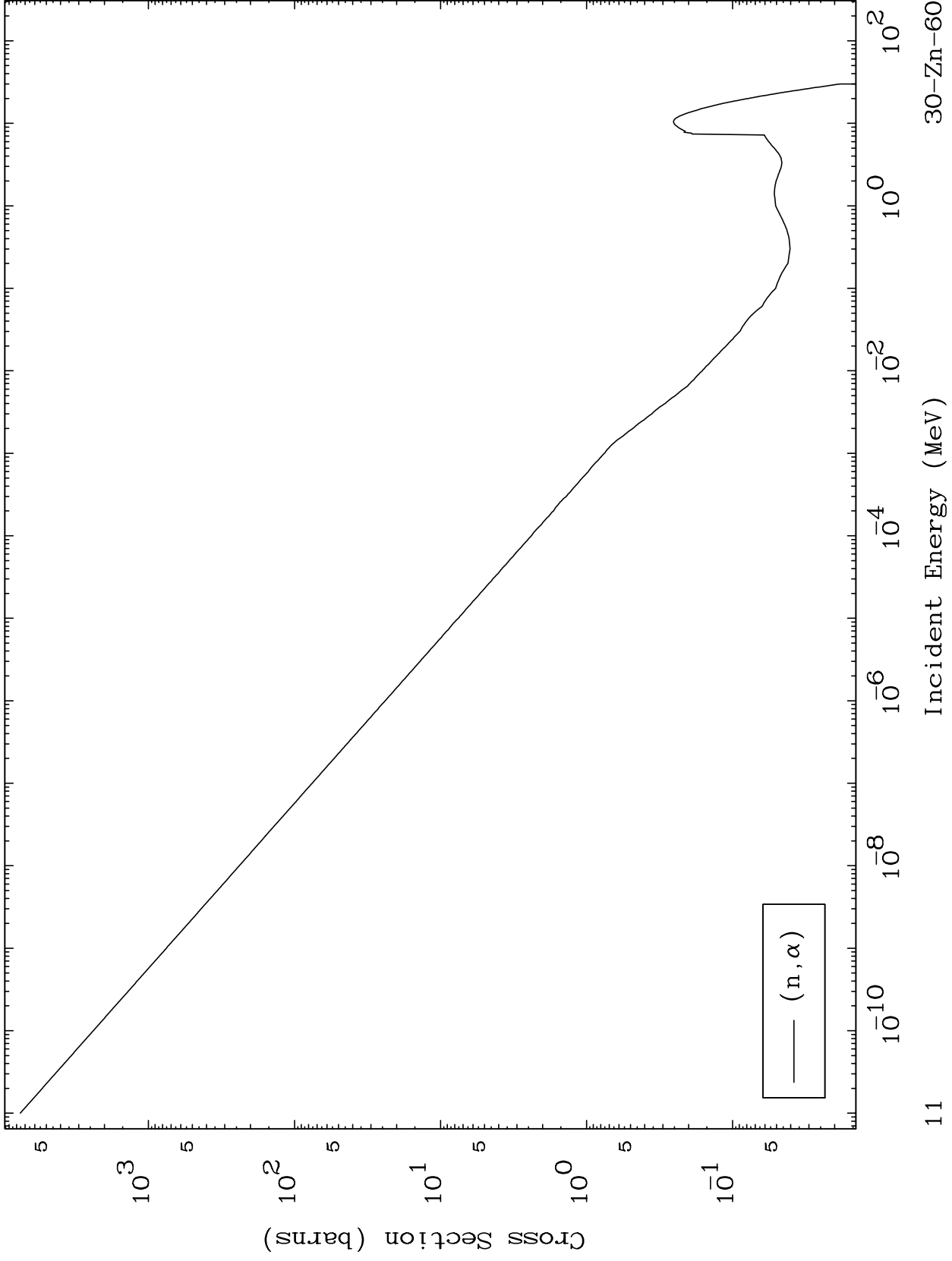
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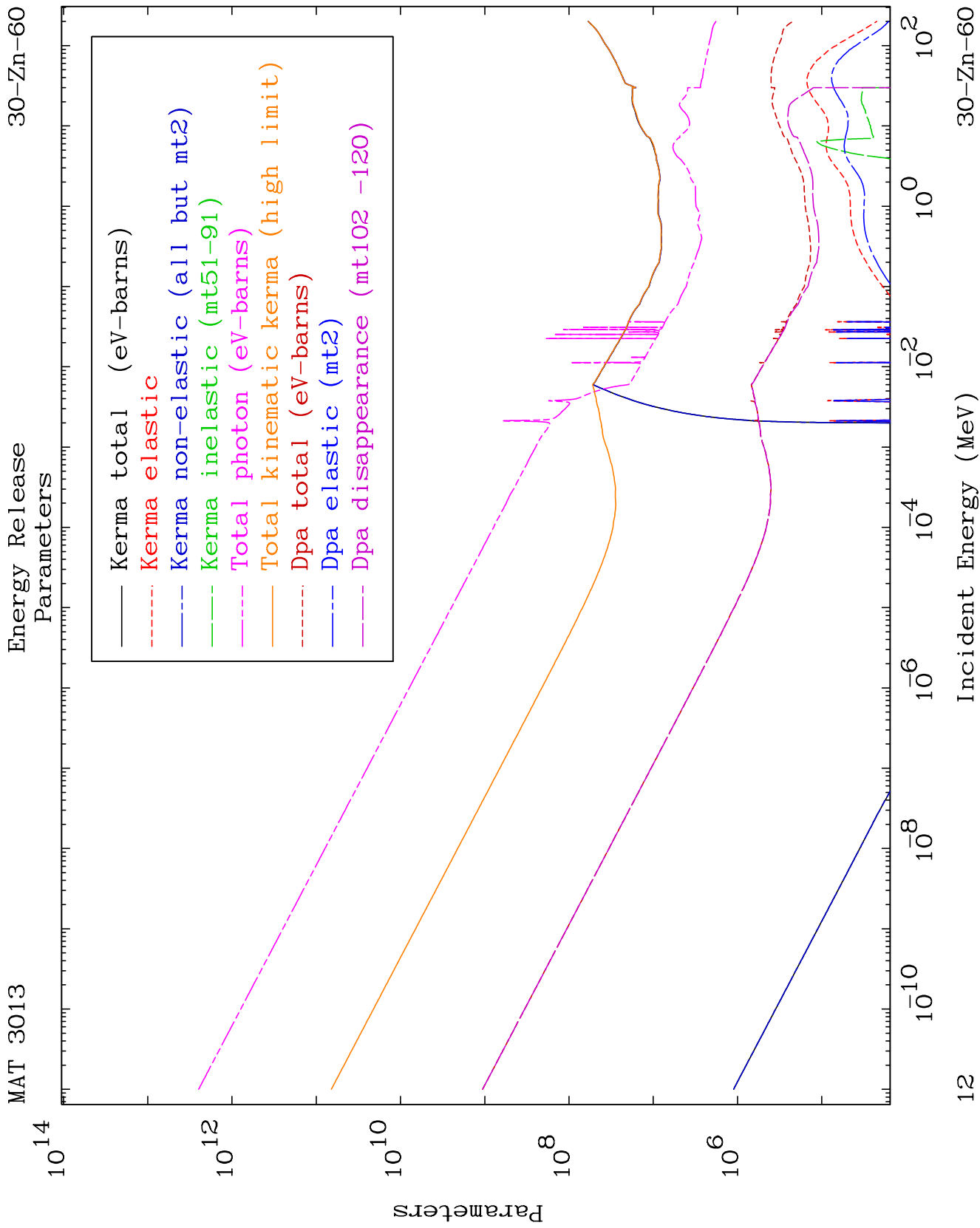


MAT 3013

(n,α) Levels
293 Kelvin Cross Sections

30-Zn-60

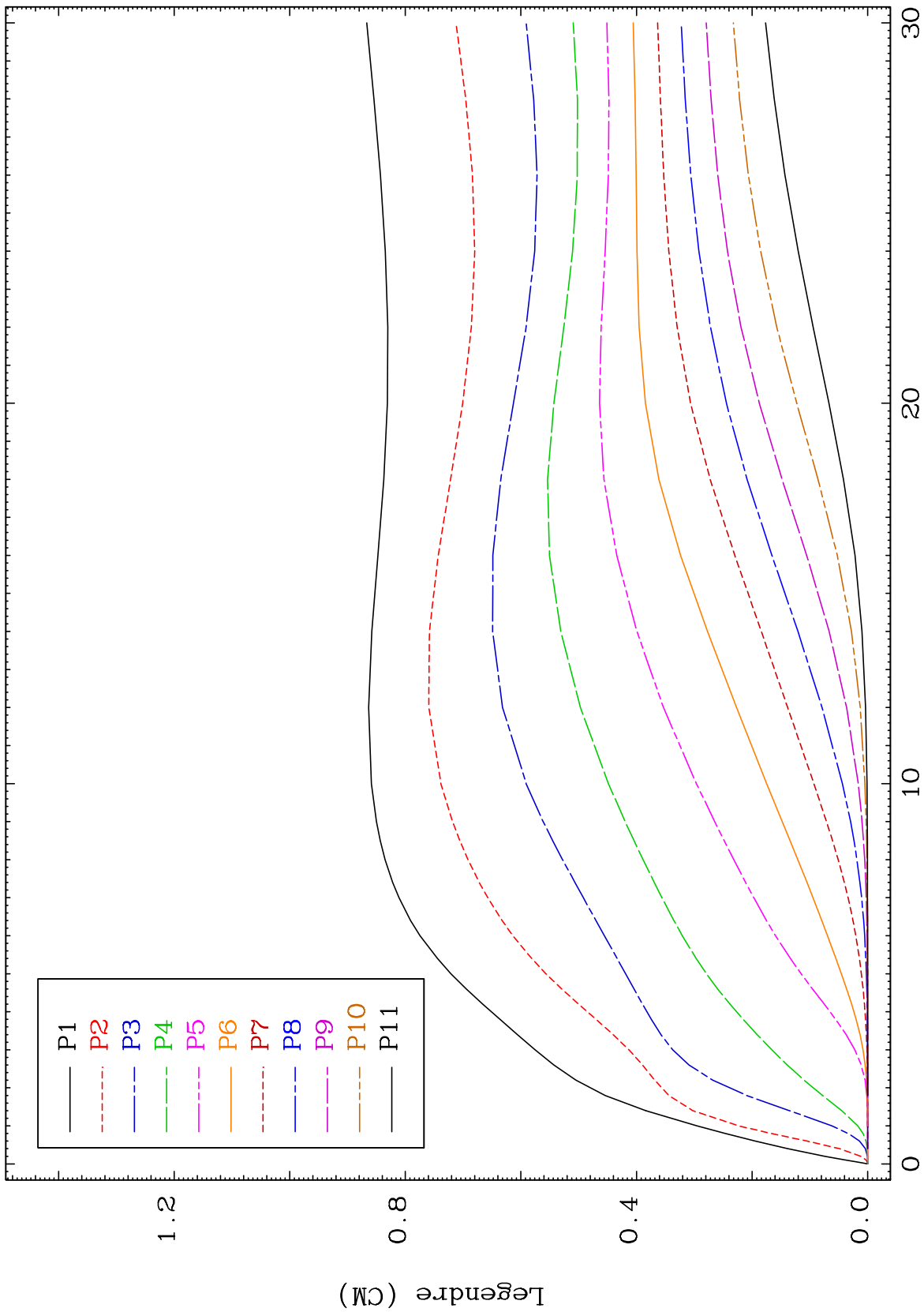




MAT 3013

Elastic Legendre Coefficients

30-Zn-60



13

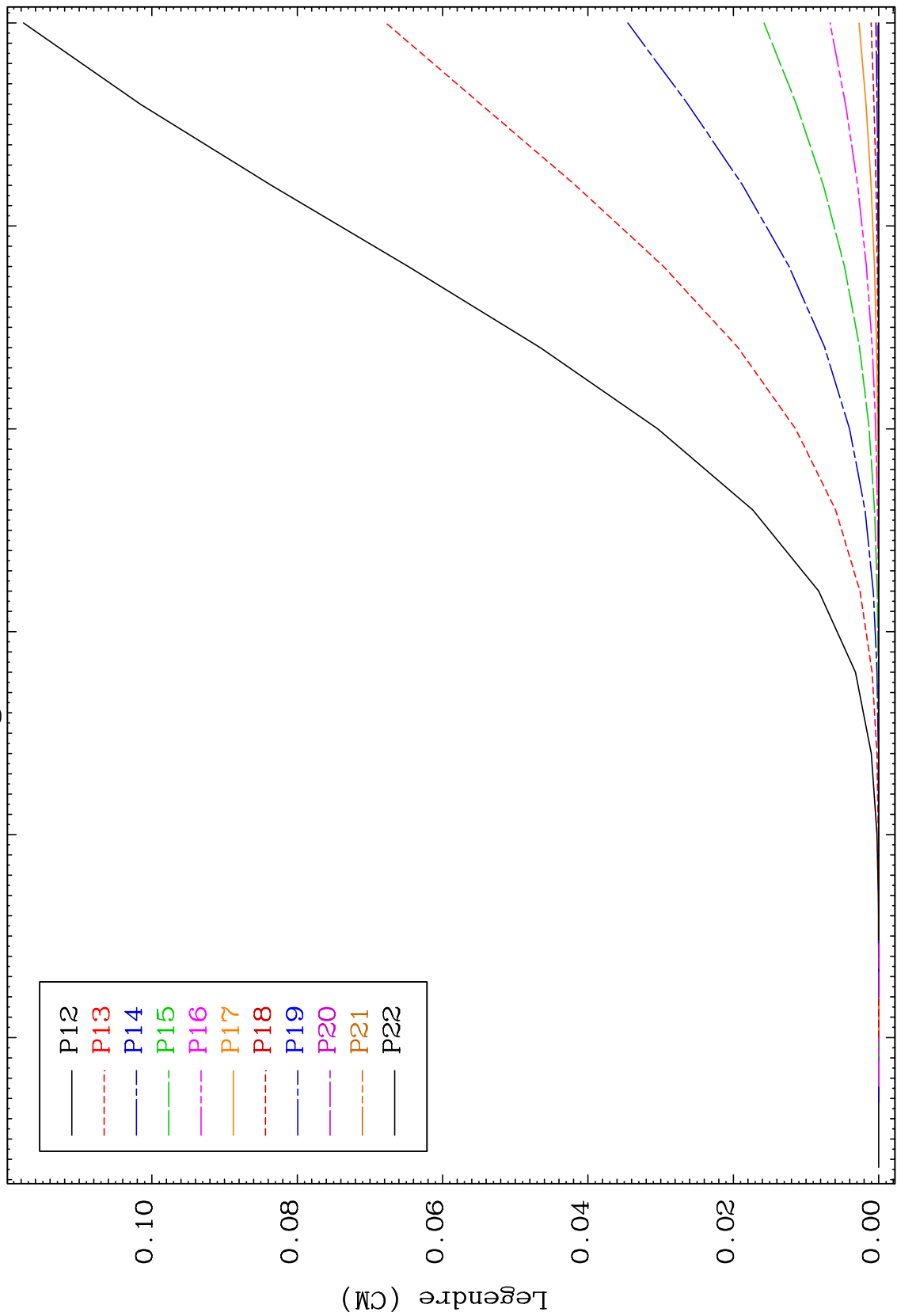
Incident Energy (MeV)

30-Zn-60

MAT 3013

Elastic
Legendre Coefficients

30-Zn-60



14

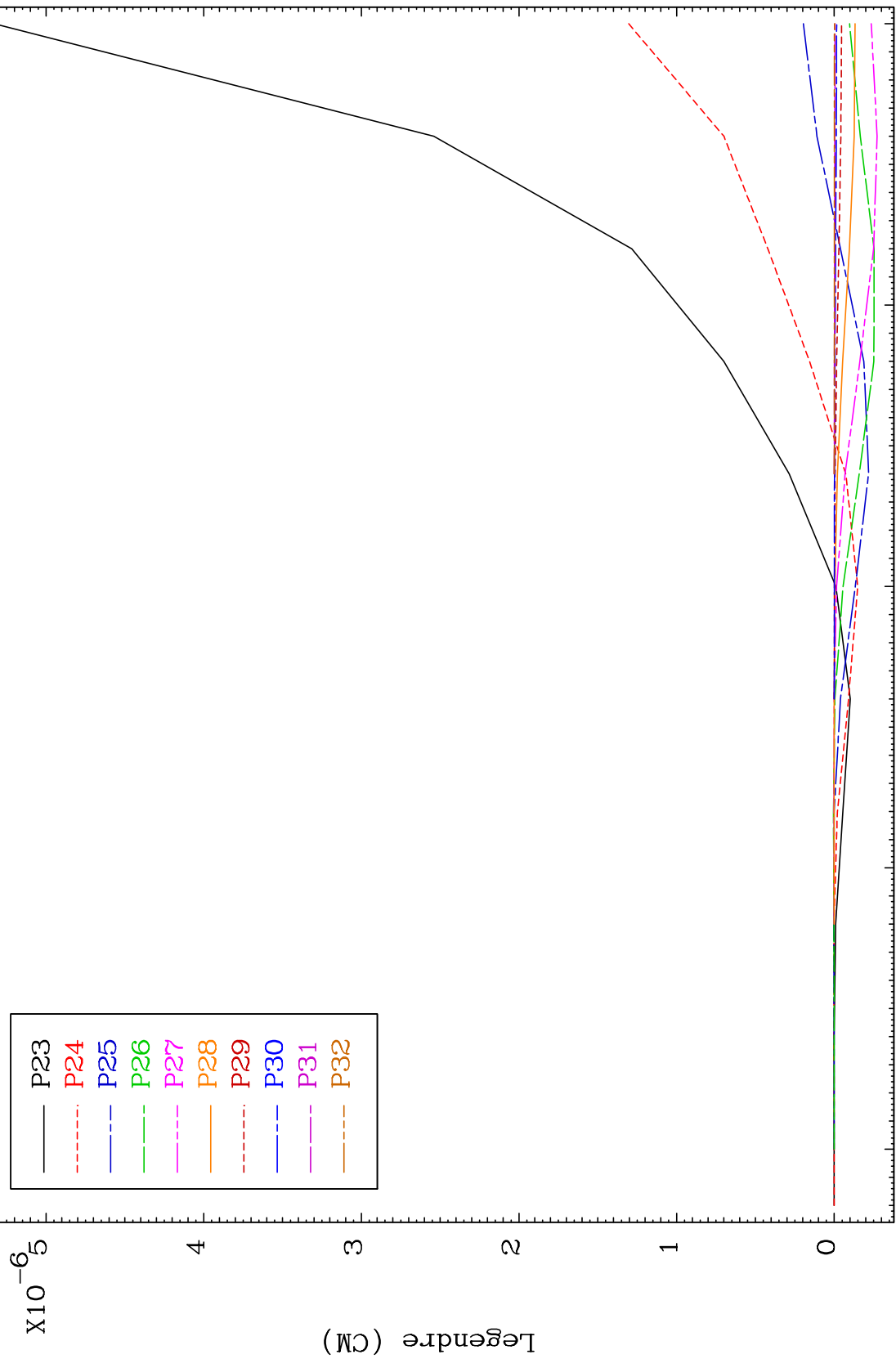
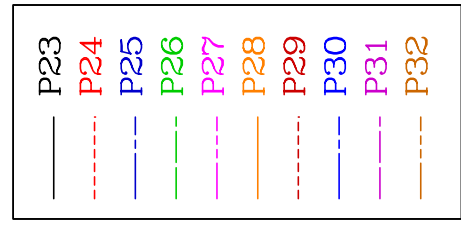
30-Zn-60

Incident Energy (MeV)

MAT 3013

Elastic Legendre Coefficients

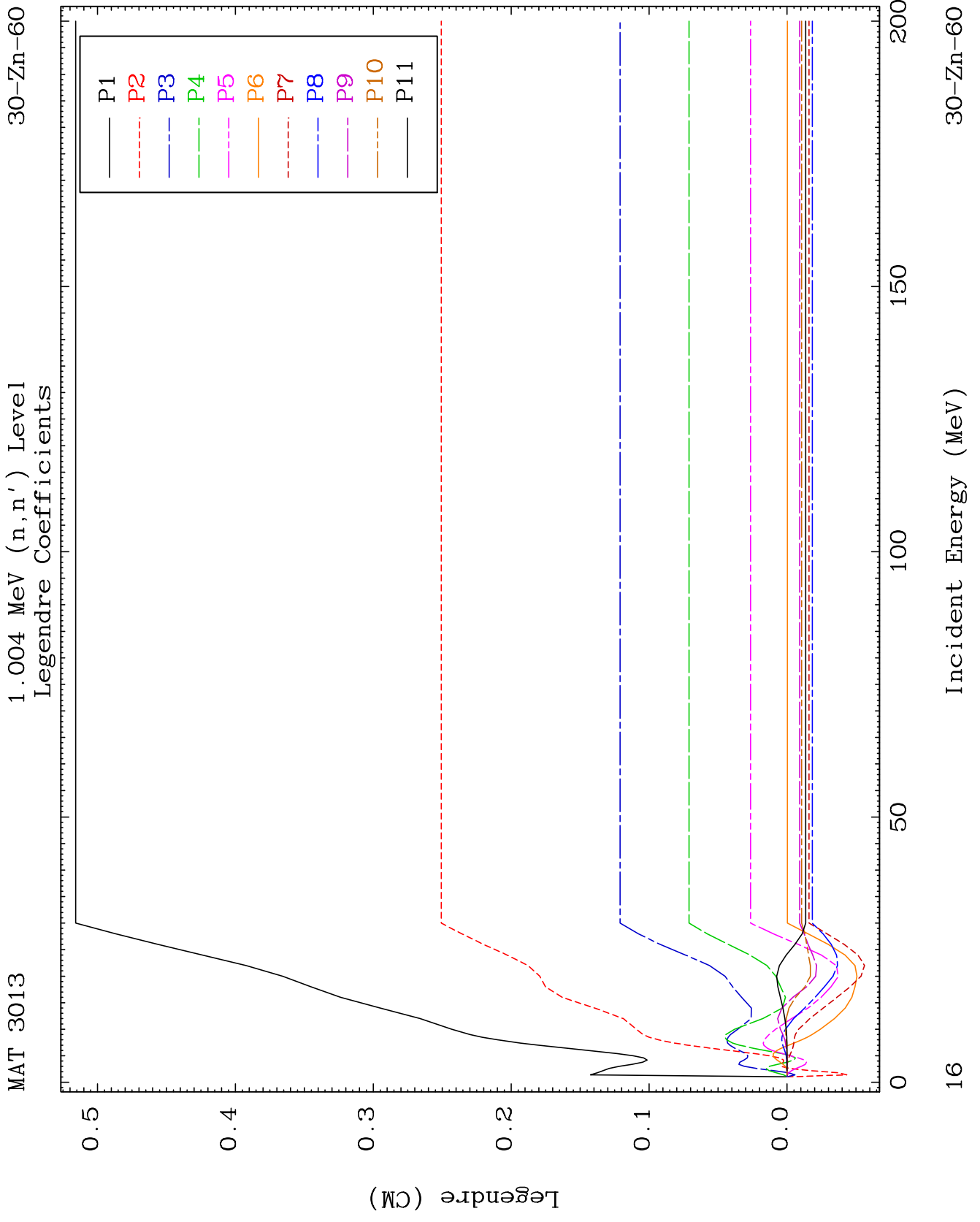
30-Zn-60

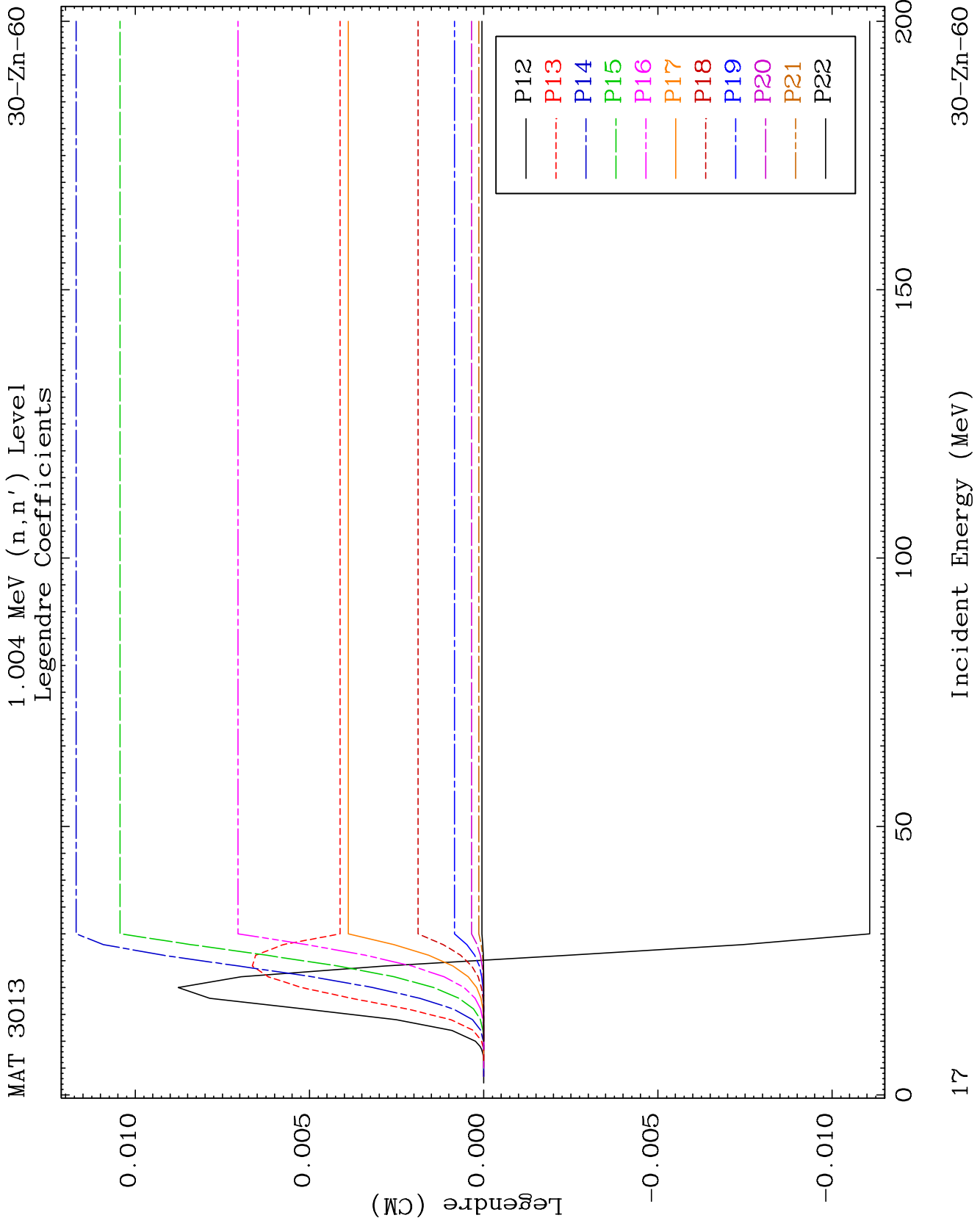


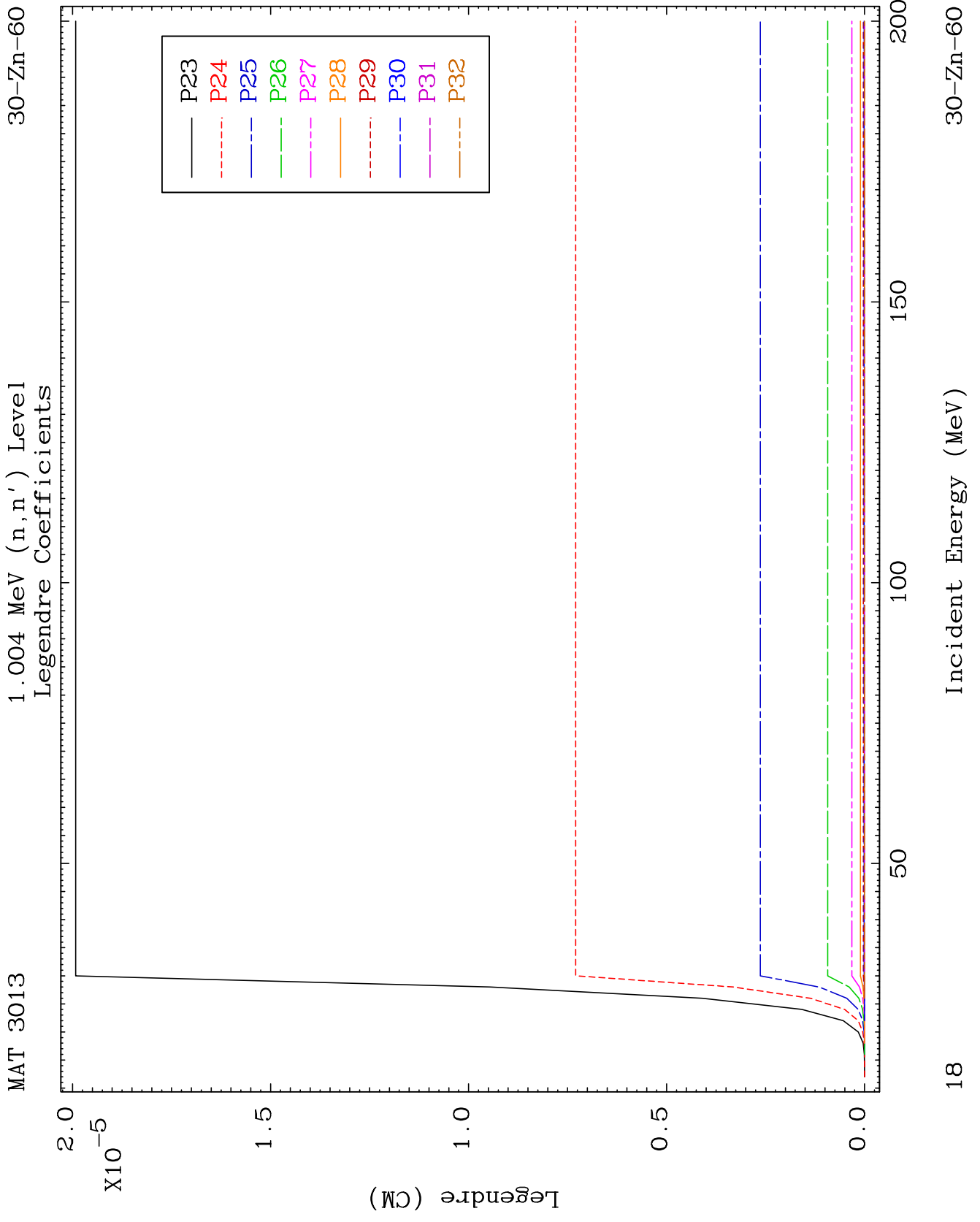
15

Incident Energy (MeV)

30-Zn-60



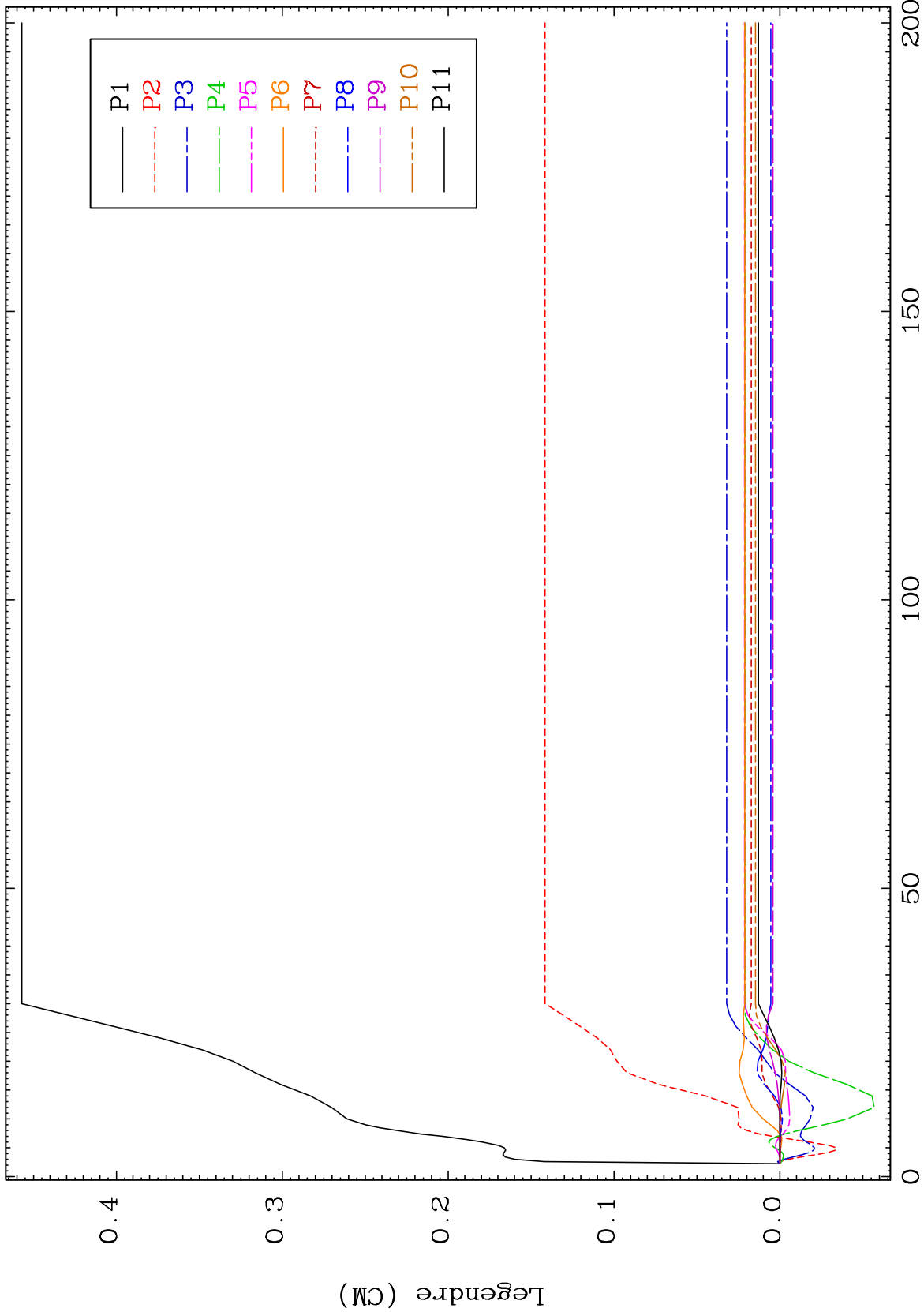




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2.193 MeV (n,n') Level
Legendre Coefficients

30-Zn-60



19

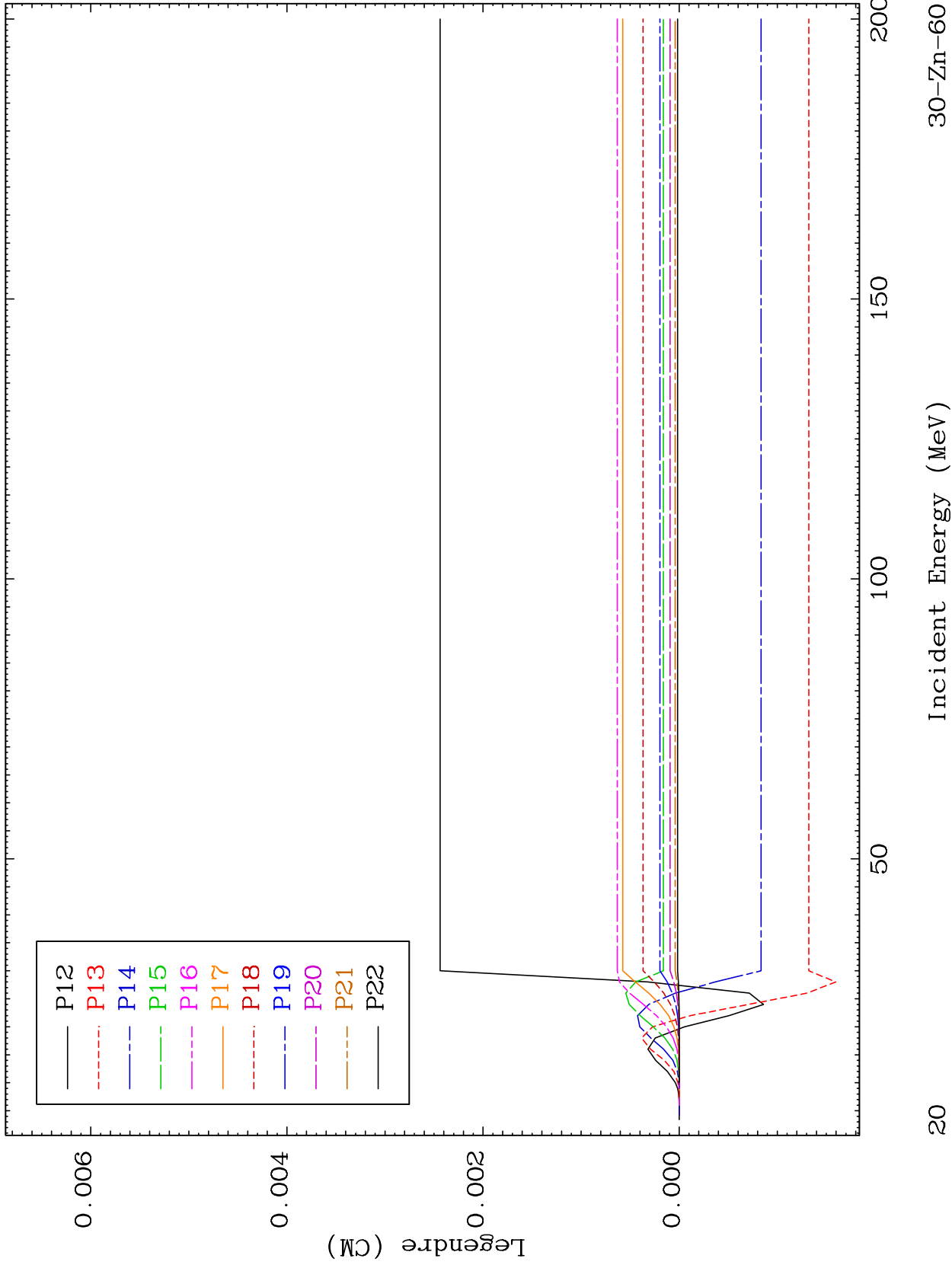
Incident Energy (MeV)

30-Zn-60

MAT 3013

2.193 MeV (n,n') Level
Legendre Coefficients

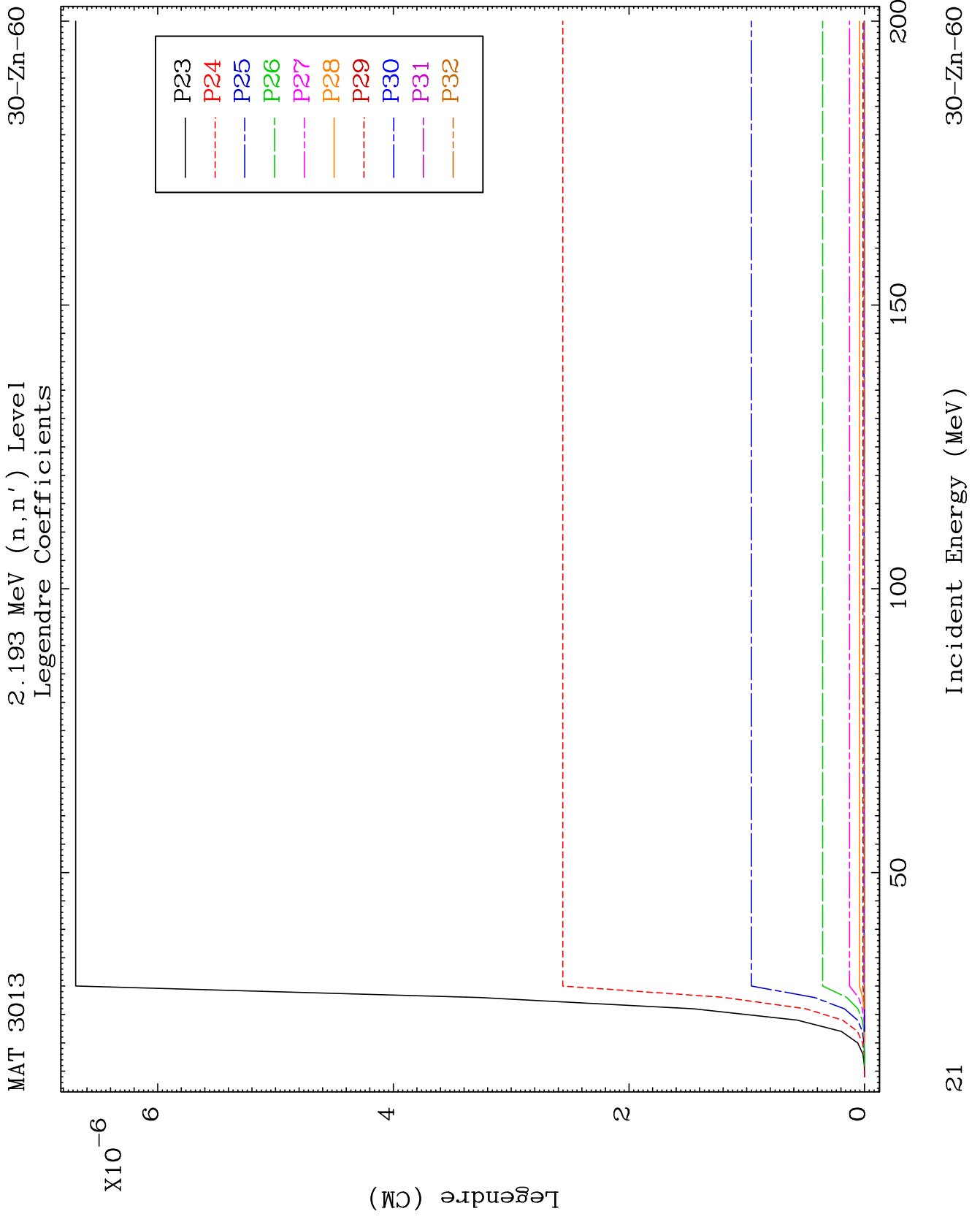
30-Zn-60

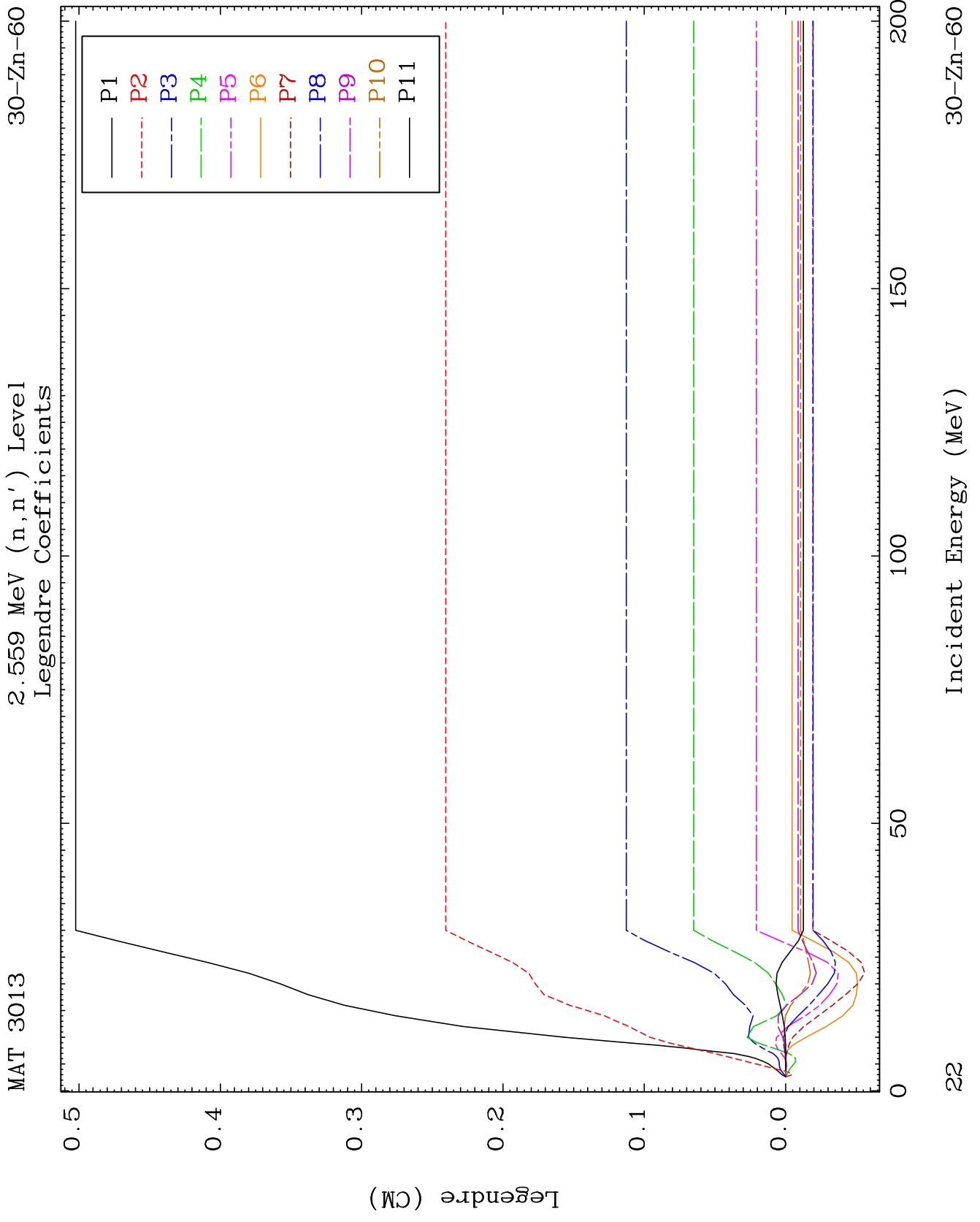


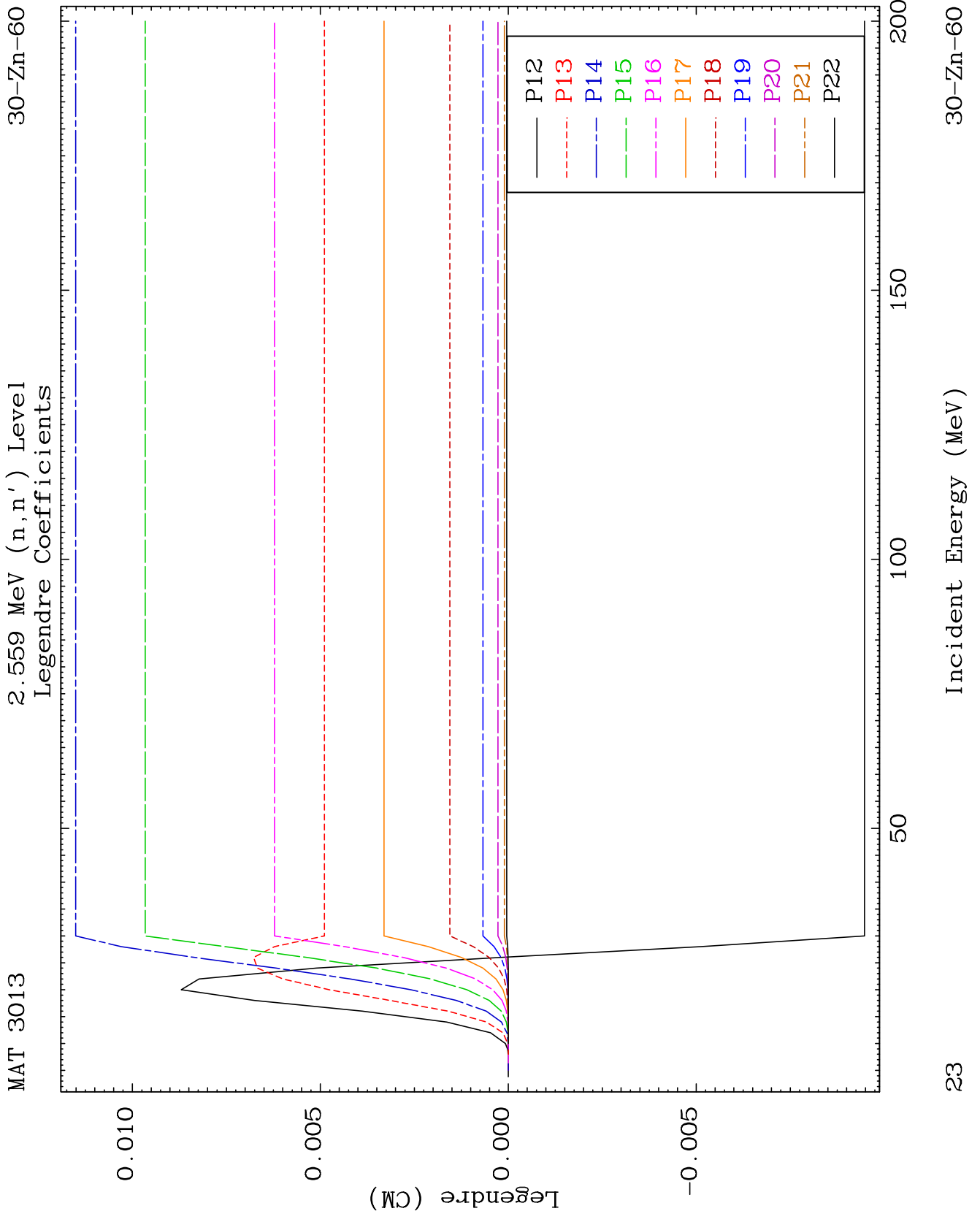
30-Zn-60

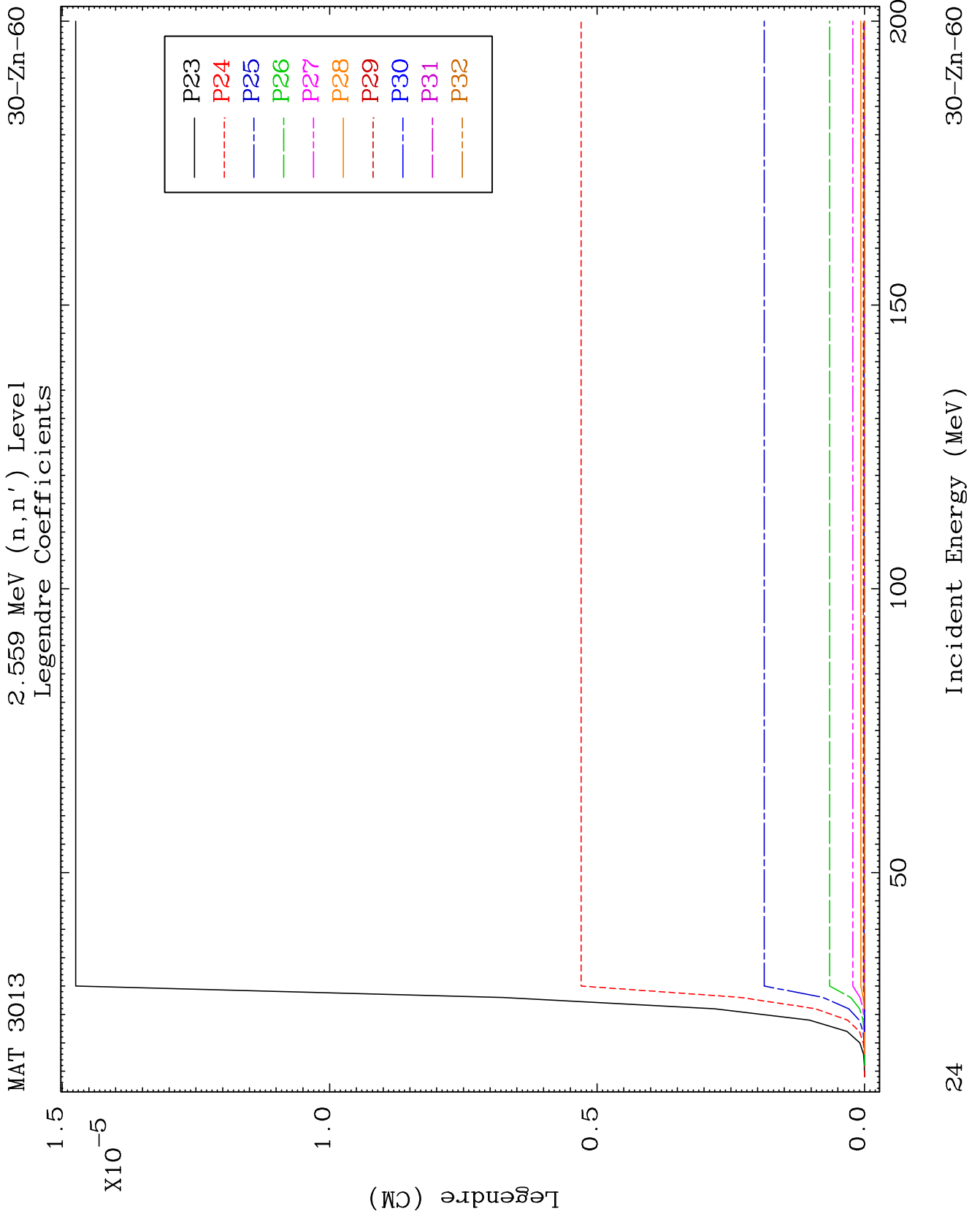
Incident Energy (MeV)

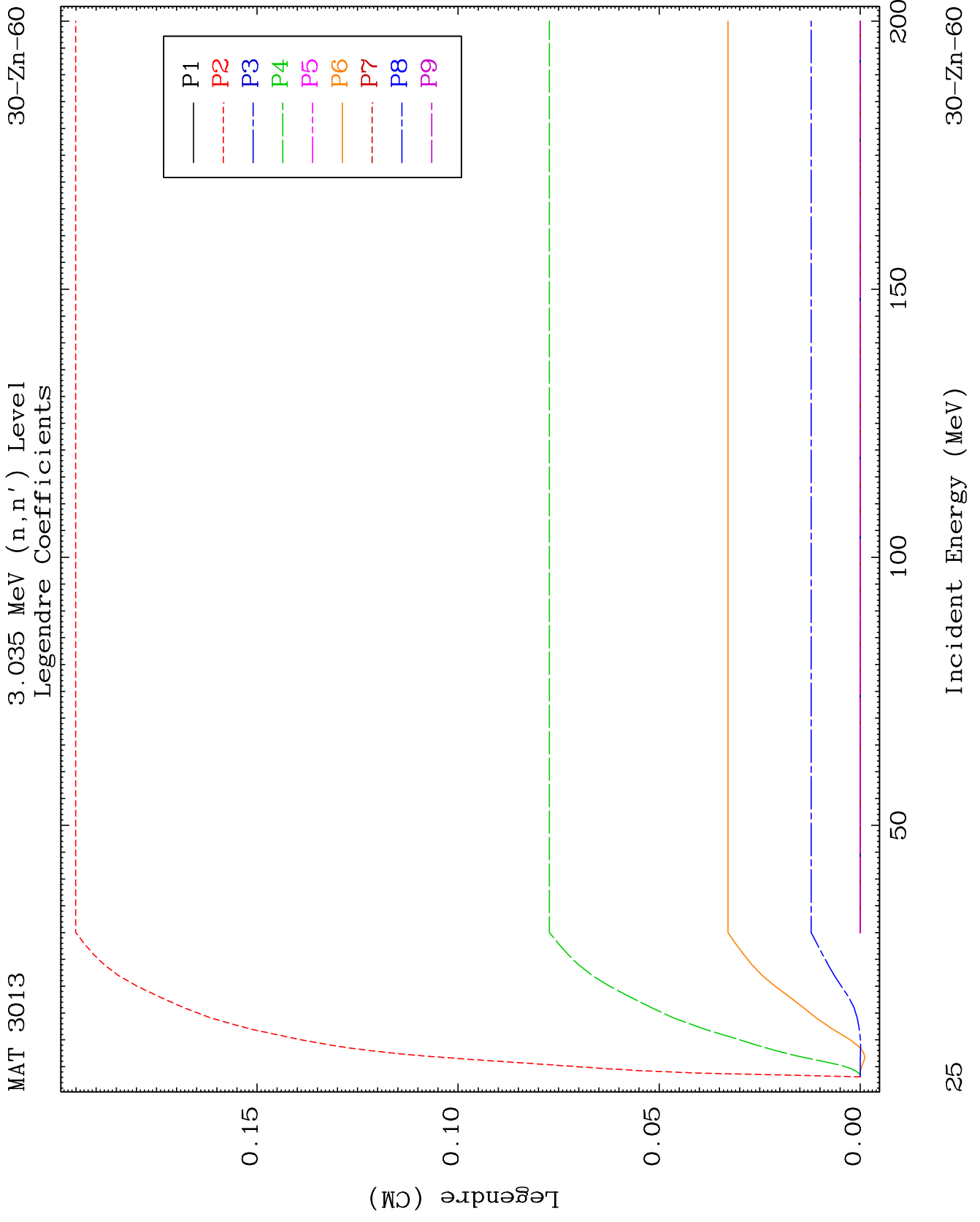
20

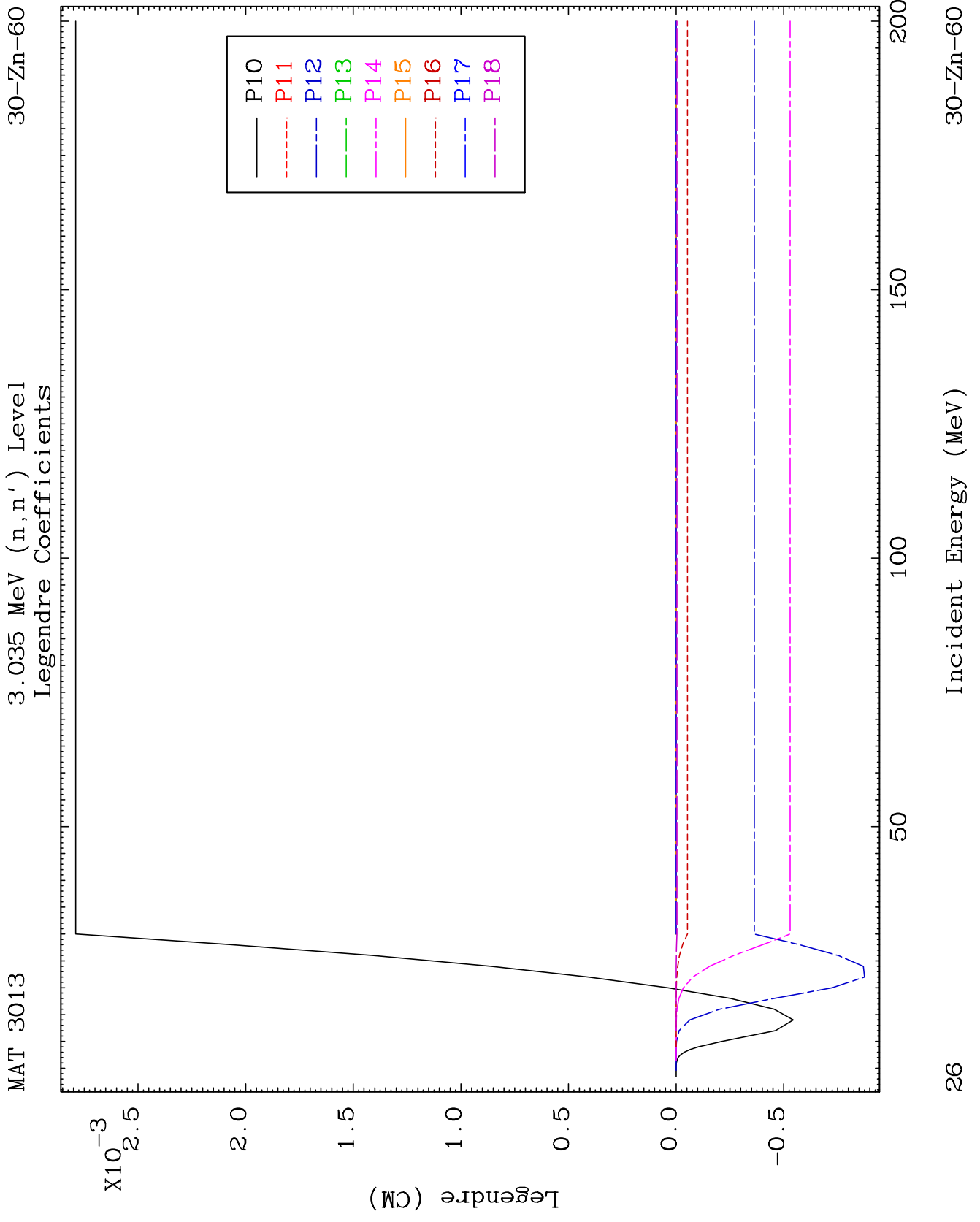


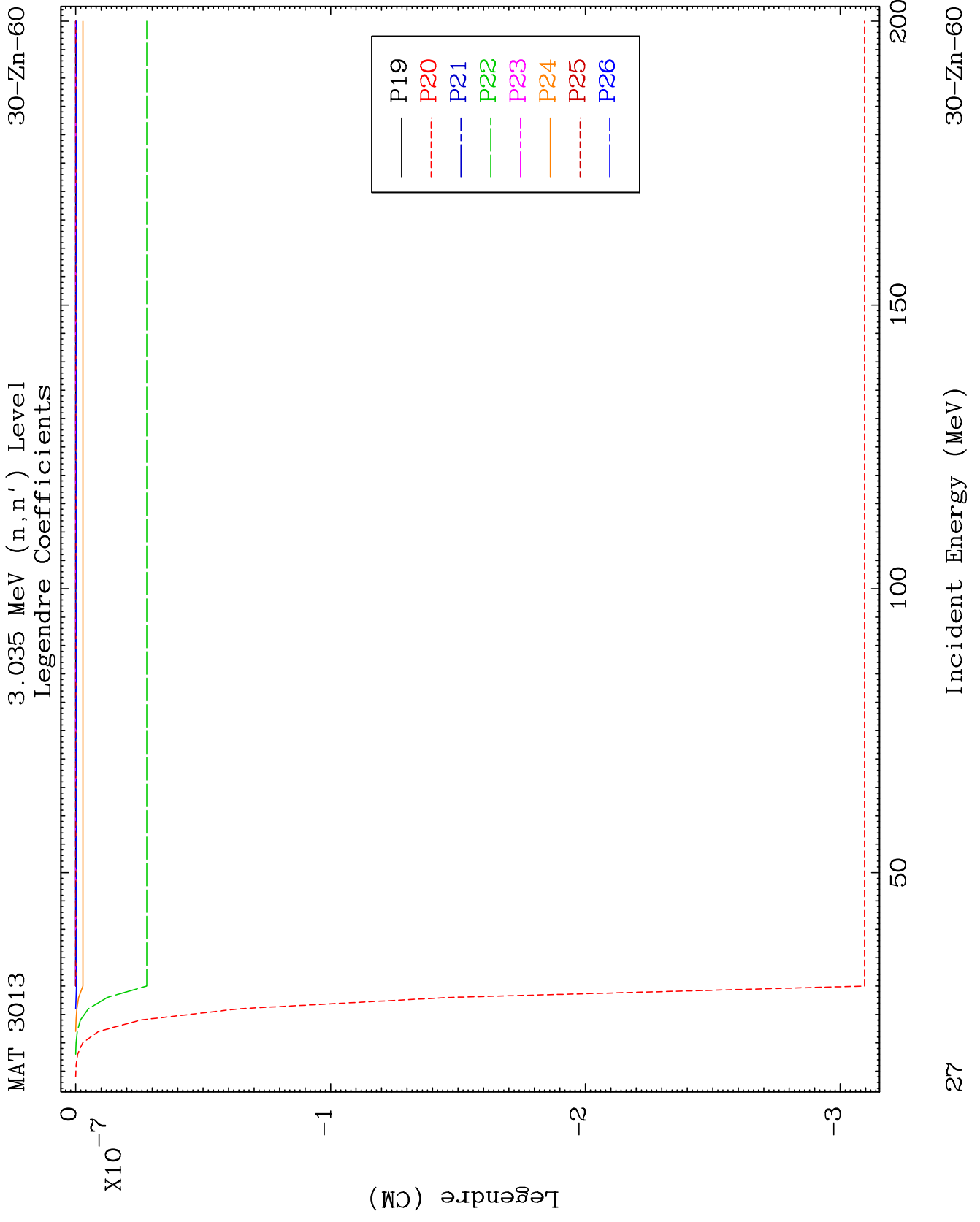


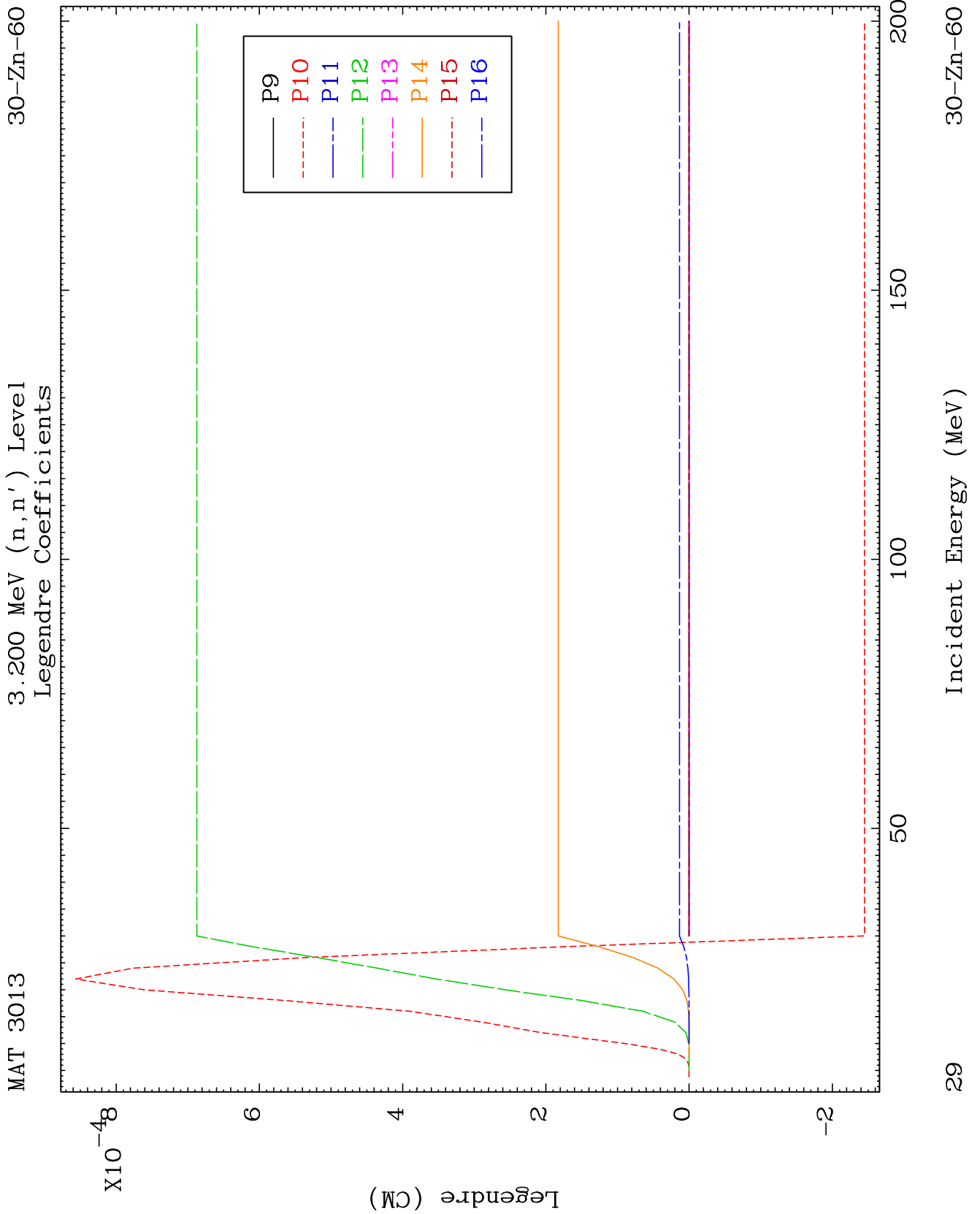


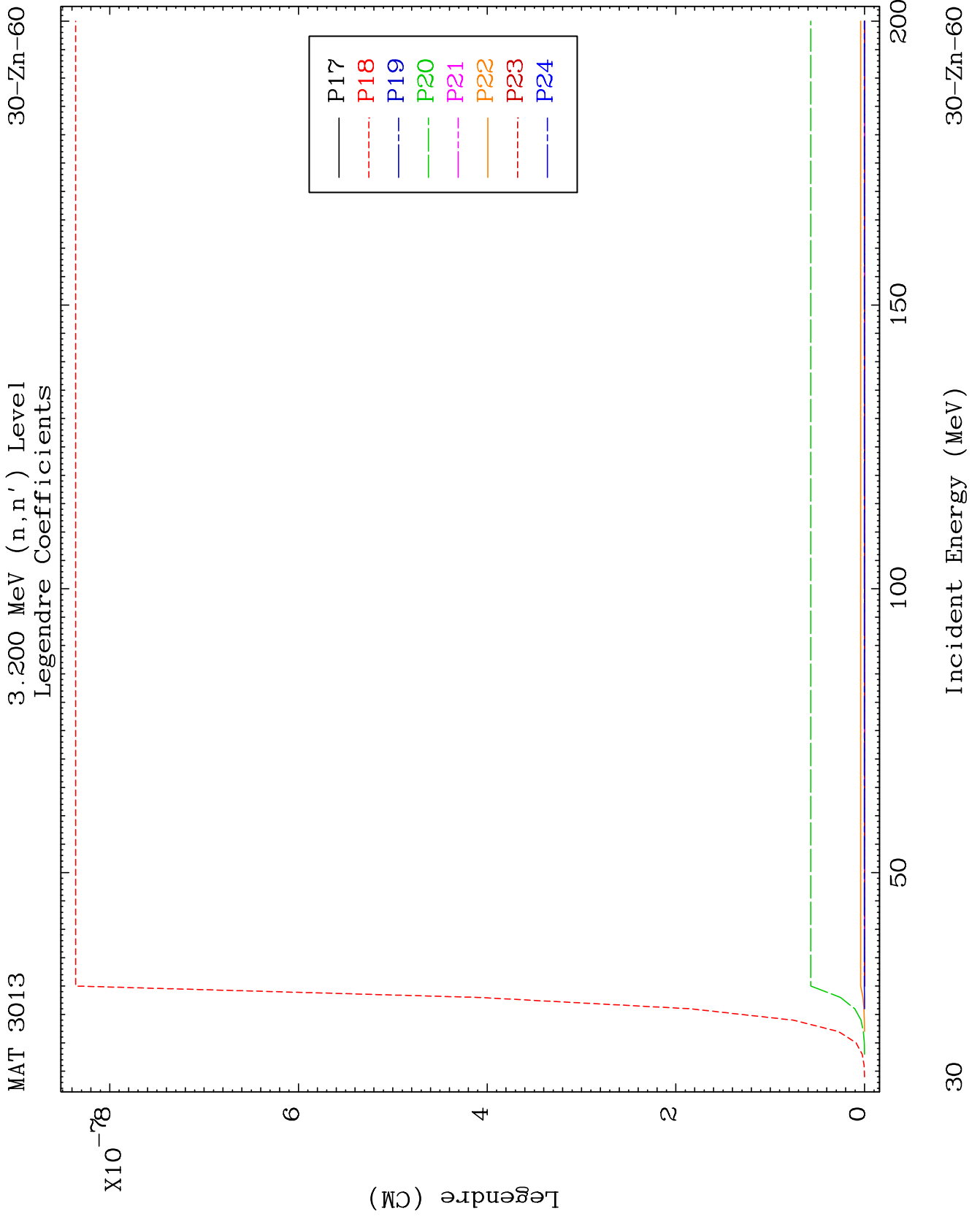


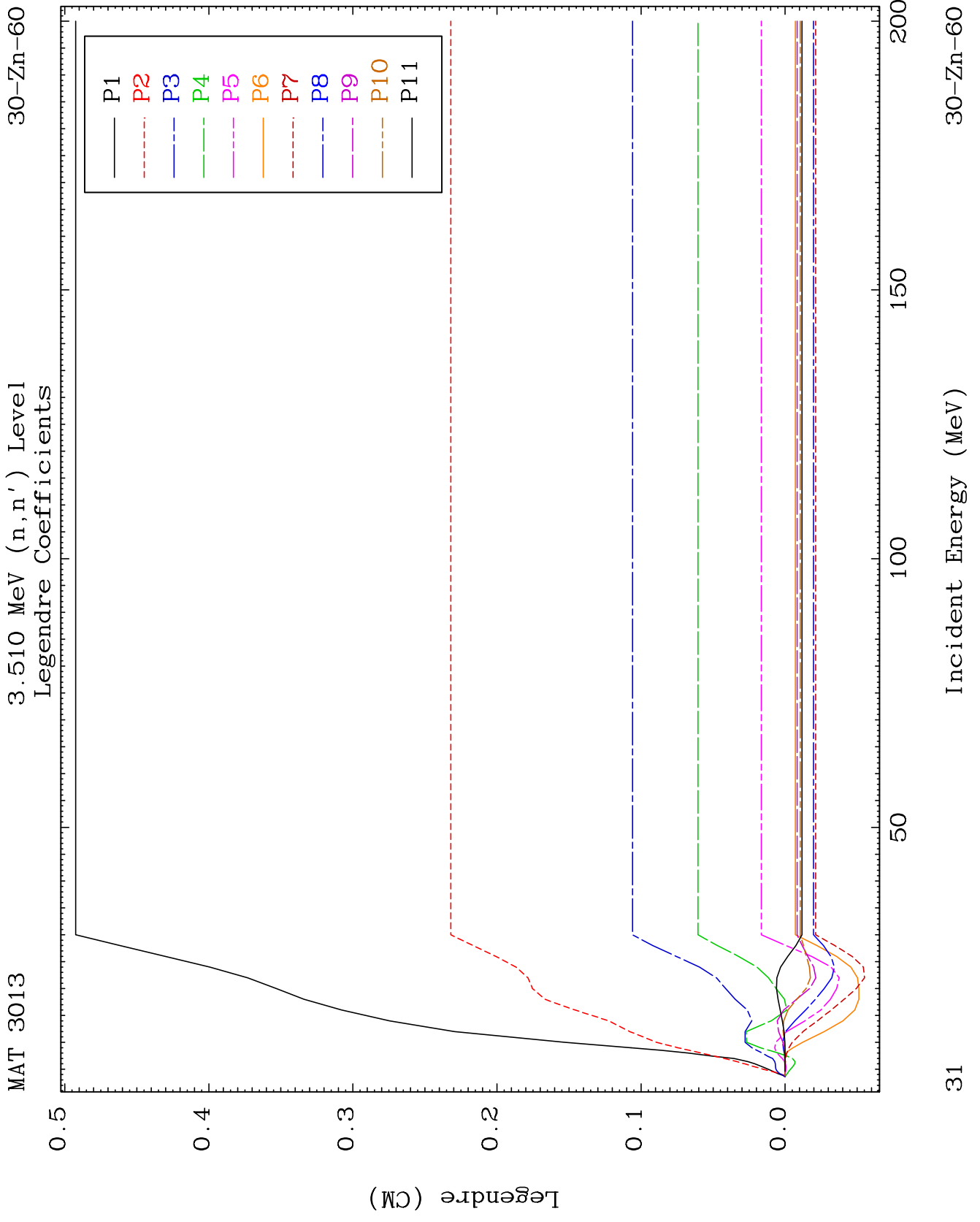








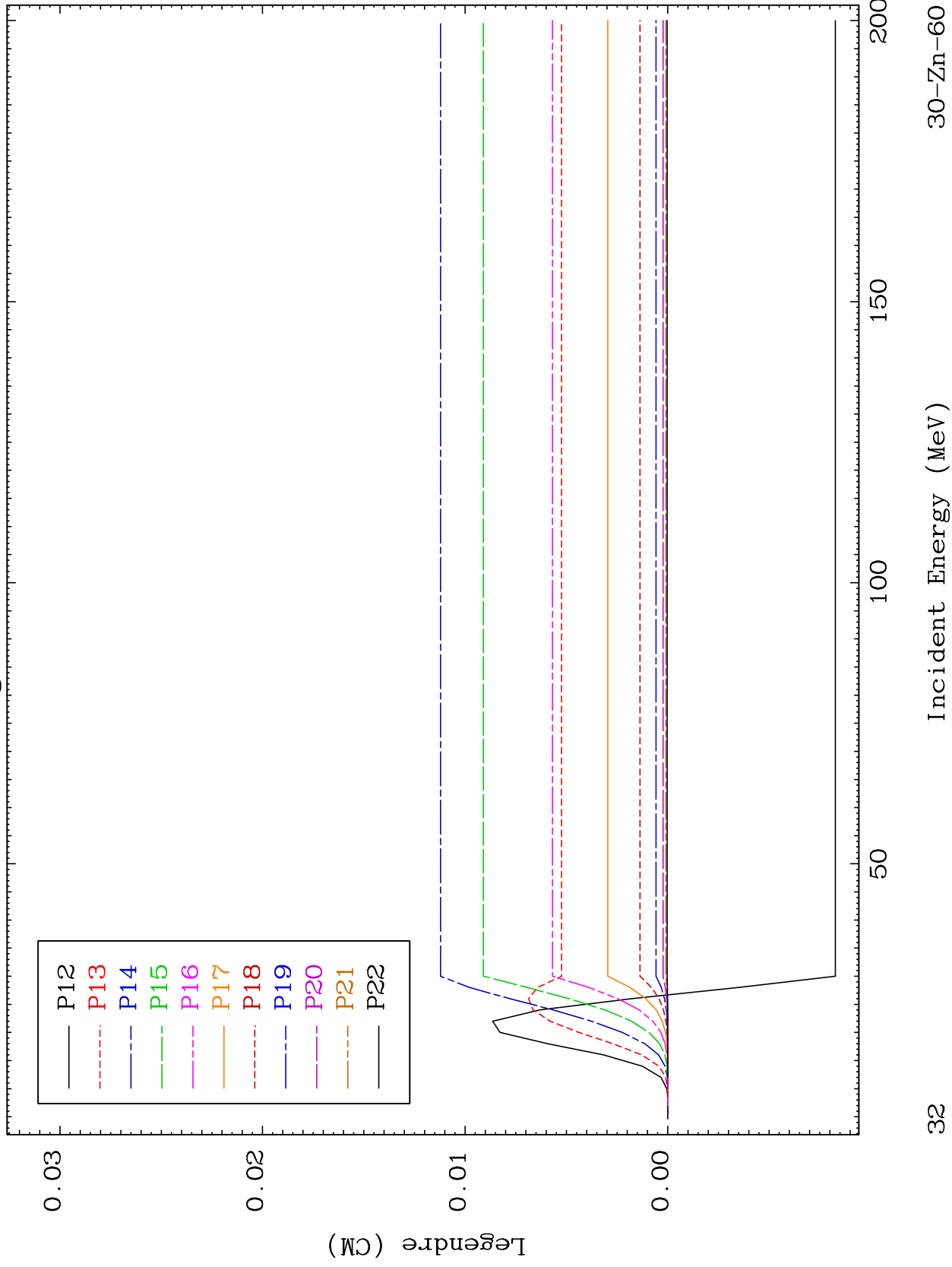




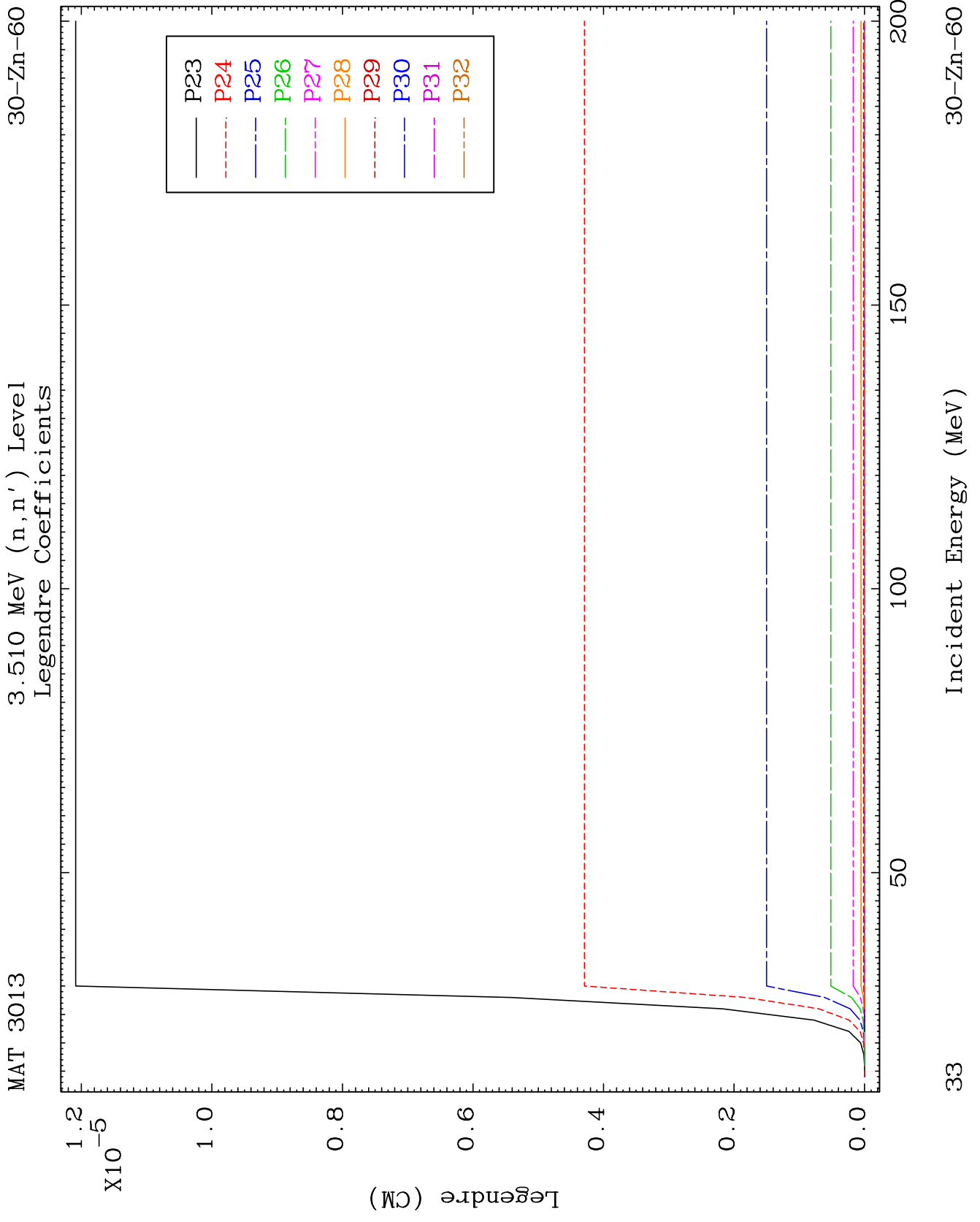
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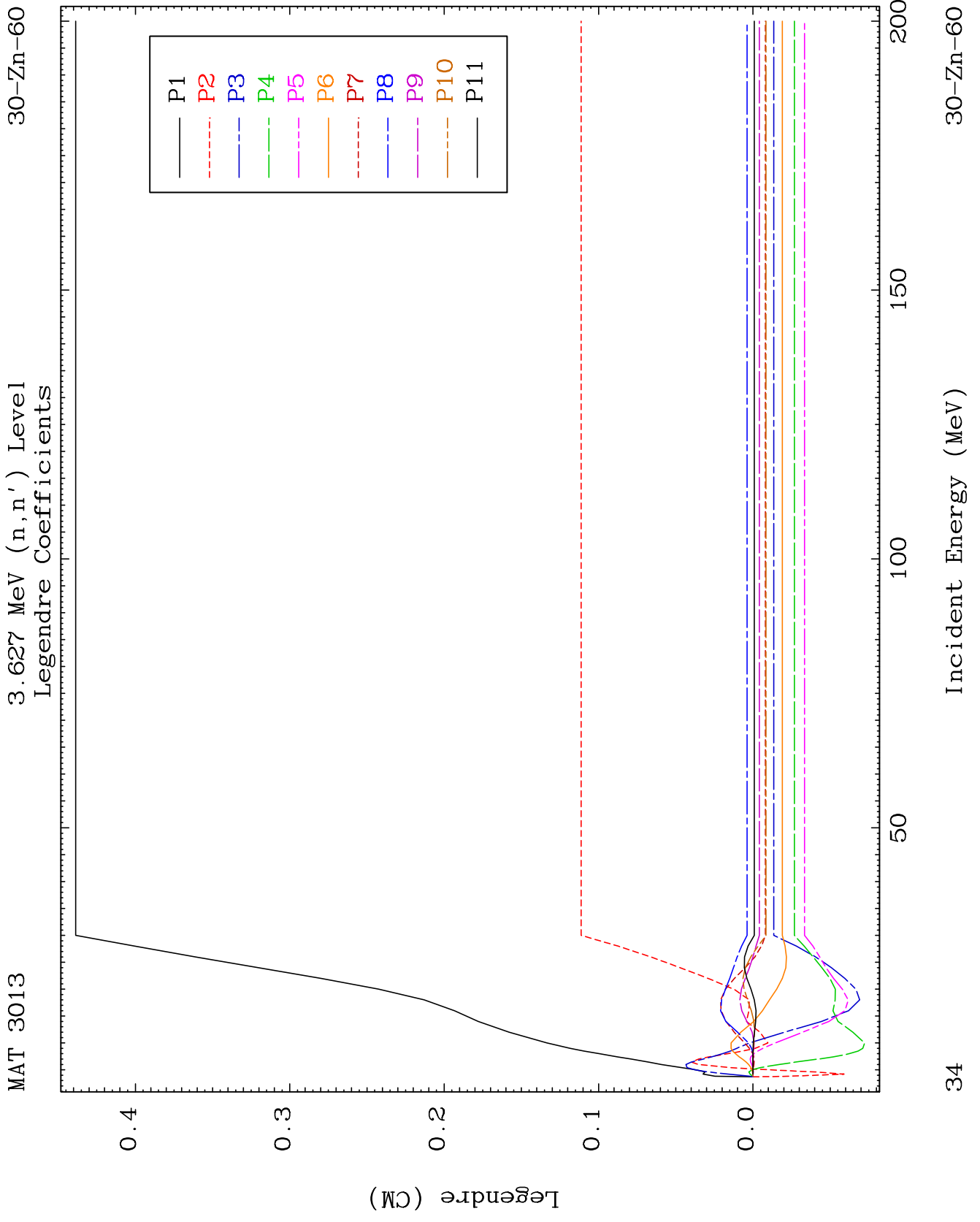
3.510 MeV (n,n') Level
Legendre Coefficients

30-Zn-60



32

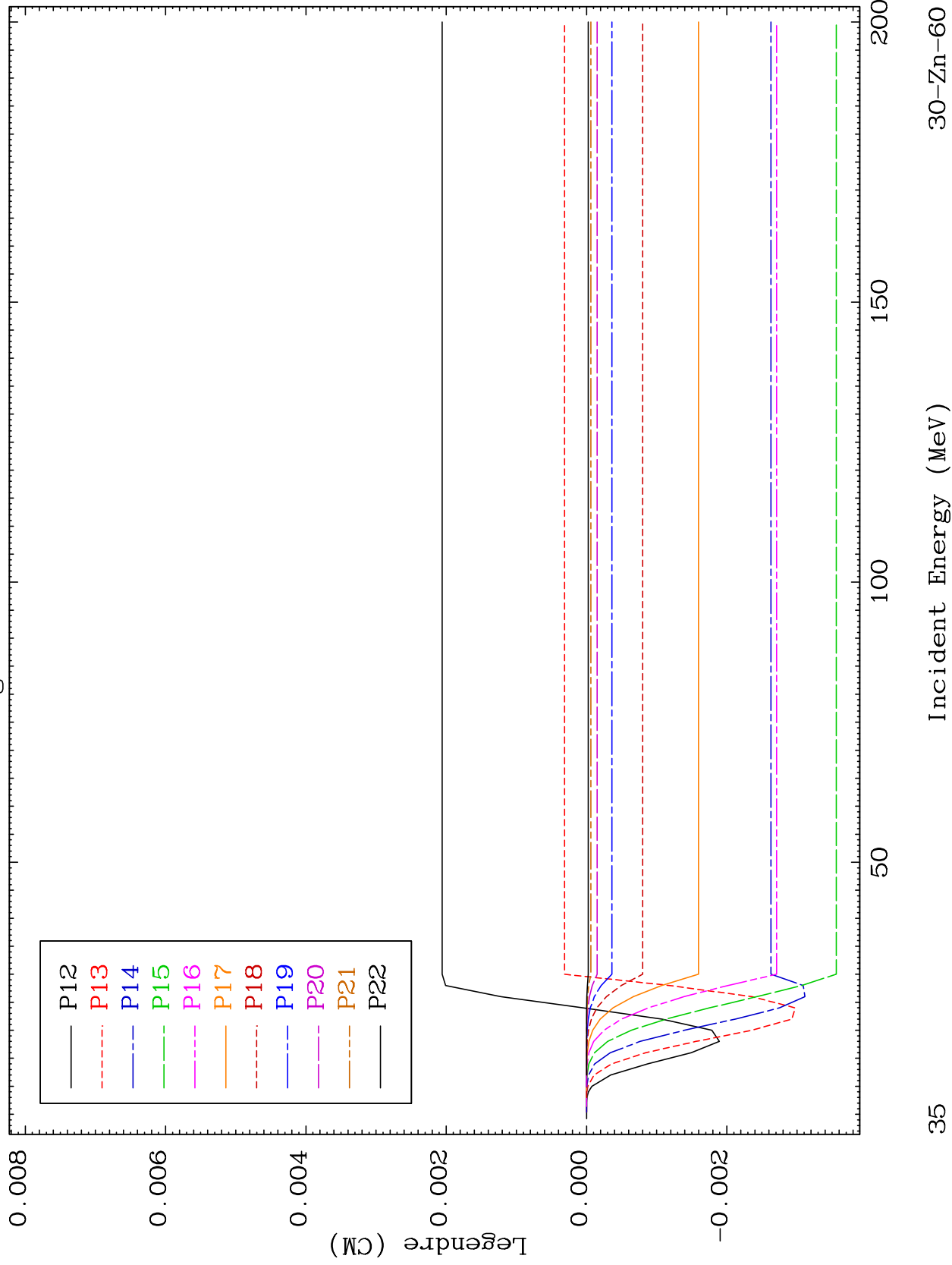




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3.627 MeV (n,n') Level
Legendre Coefficients

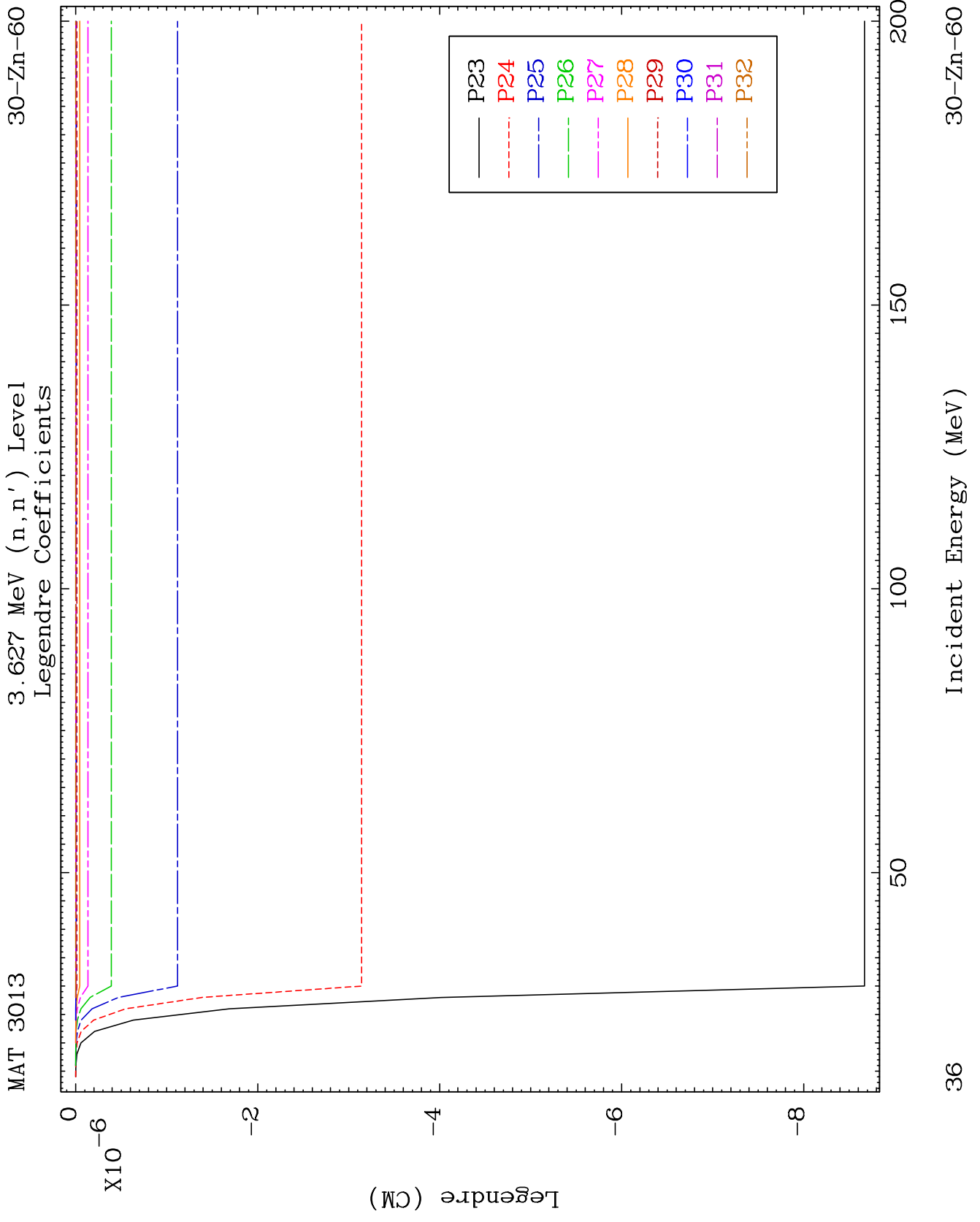
30-Zn-60



35

Incident Energy (MeV)

30-Zn-60

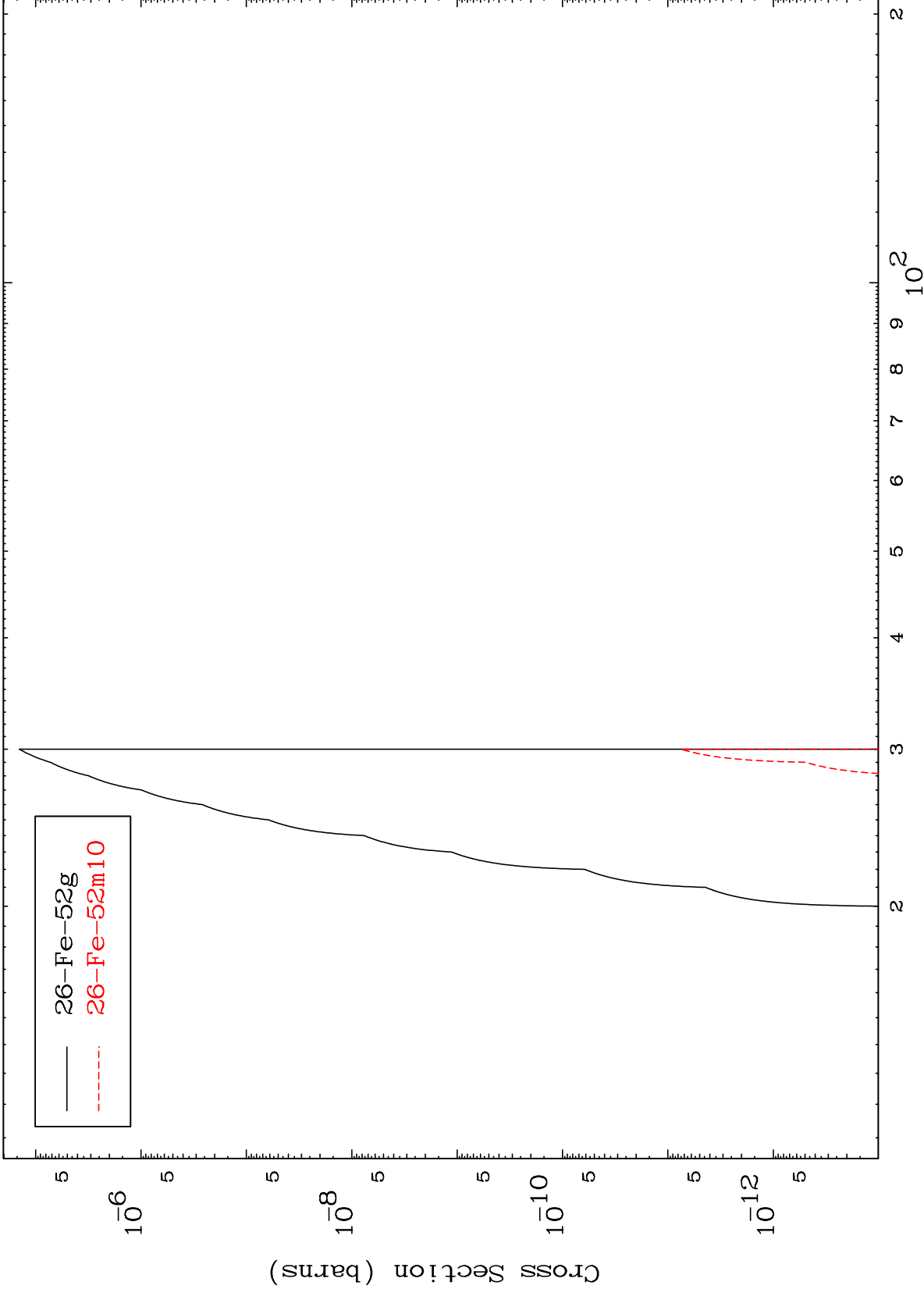


MAT 3013

(n,n') 2 α

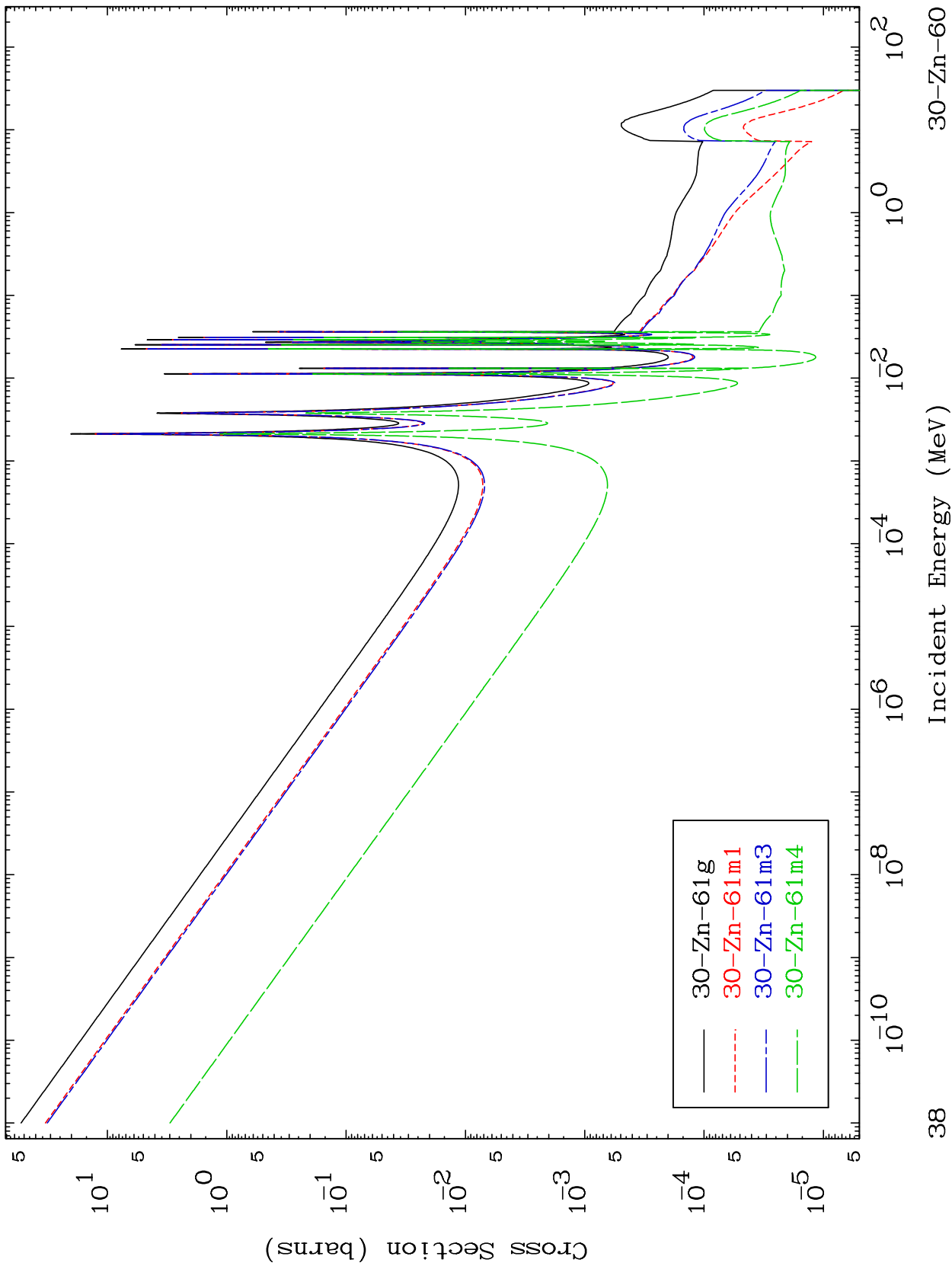
30-Zn-60

Radionuclide Production Cross Section



— 26-Fe-52g
- - - 26-Fe-52m10

(n, γ)
Radionuclide Production Cross Section

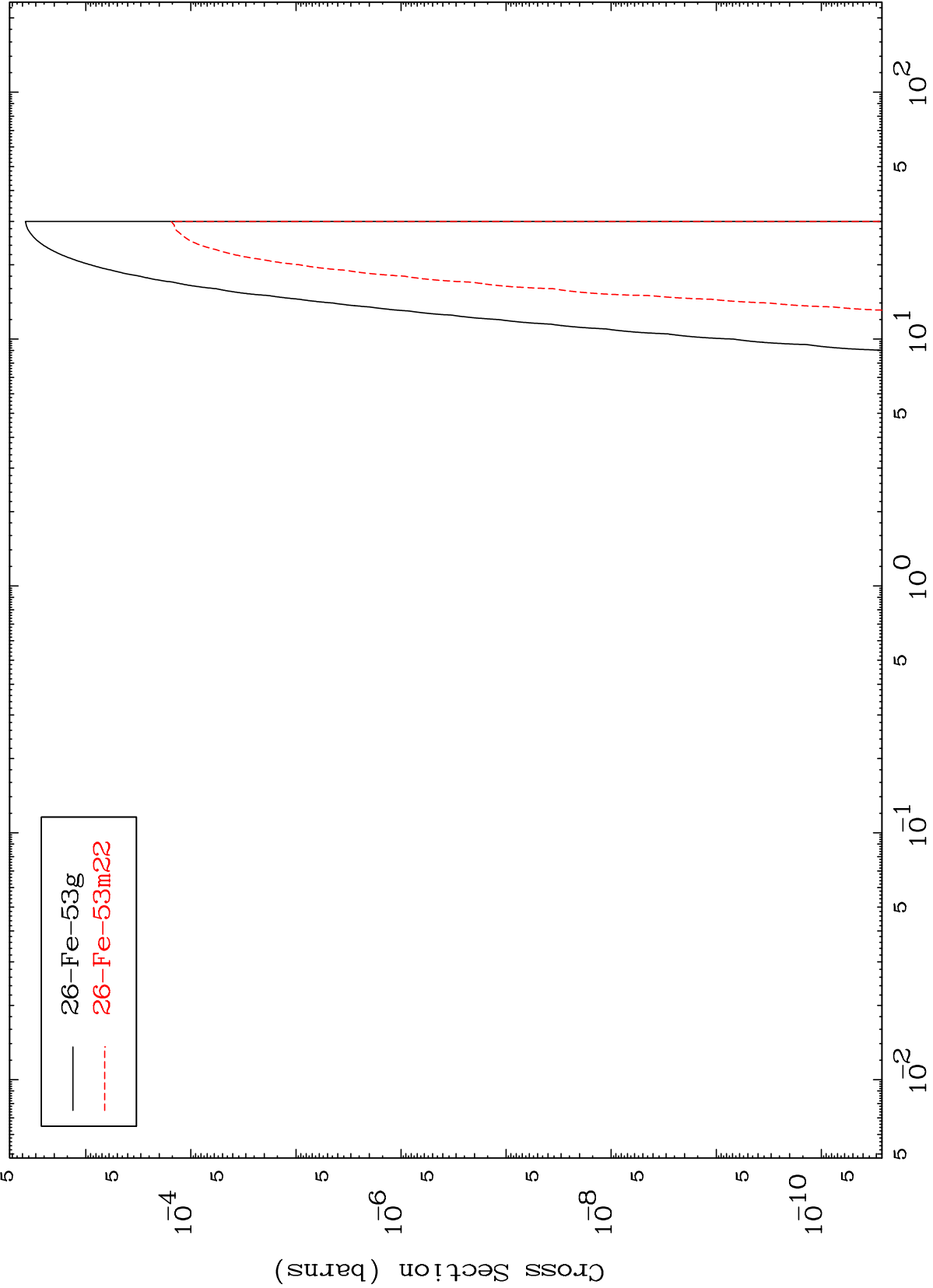


MAT 3013

(n,2α)

30-Zn-60

Radionuclide Production Cross Section



— 26-Fe-53g
- - - 26-Fe-53m22

39

Incident Energy (MeV)

30-Zn-60