

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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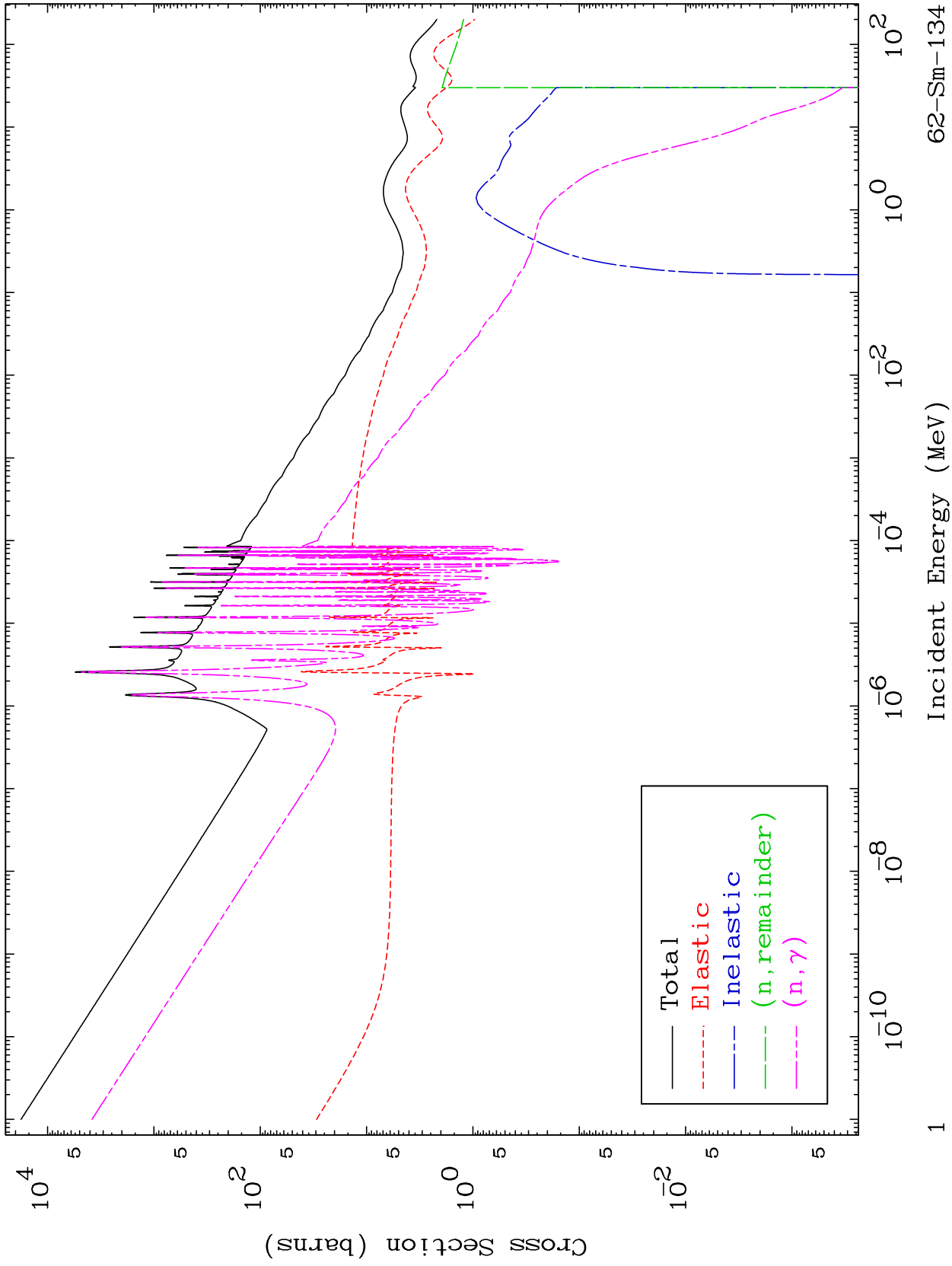
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6195

Major  
293 Kelvin Cross Sections

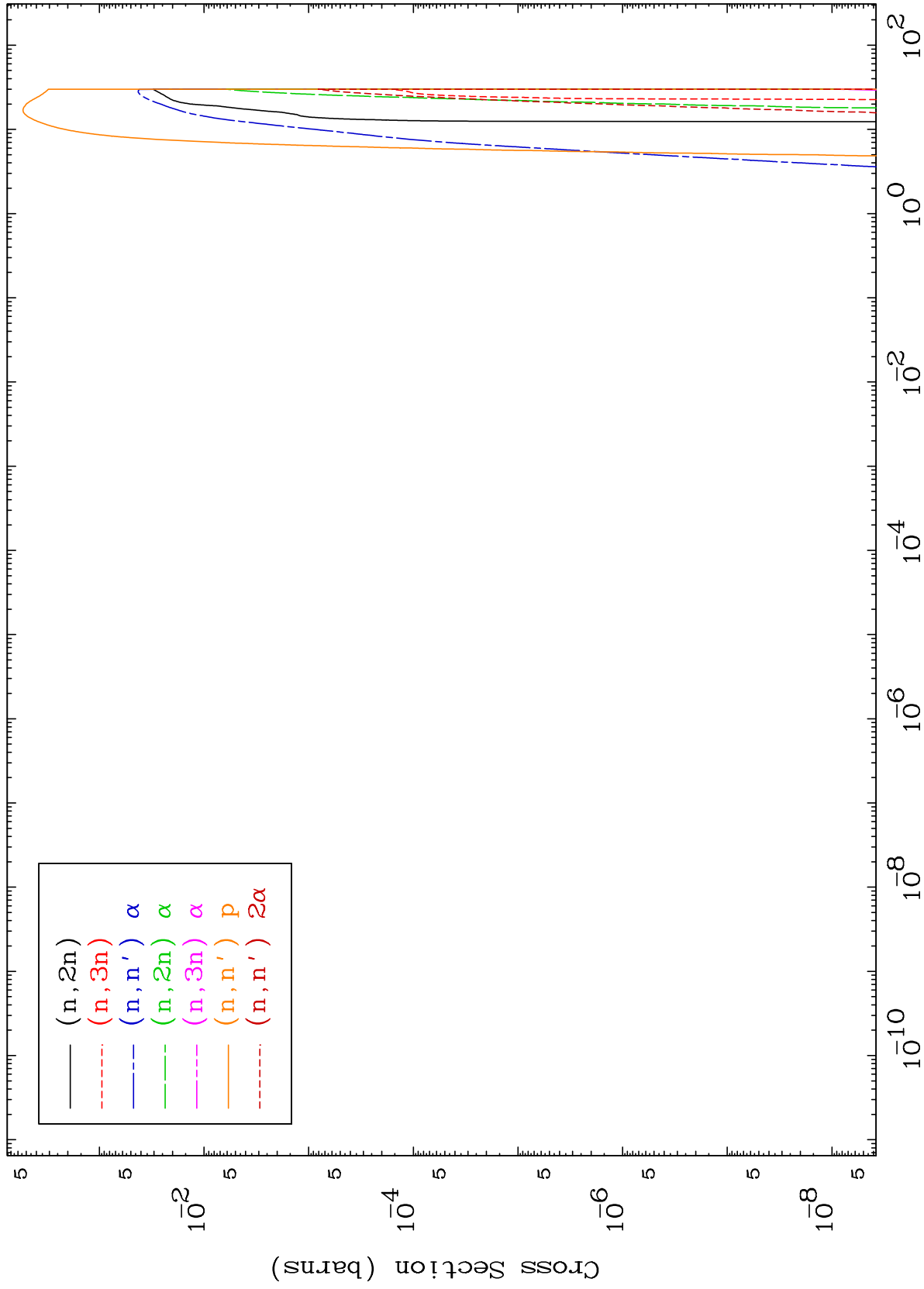
62-Sm-134



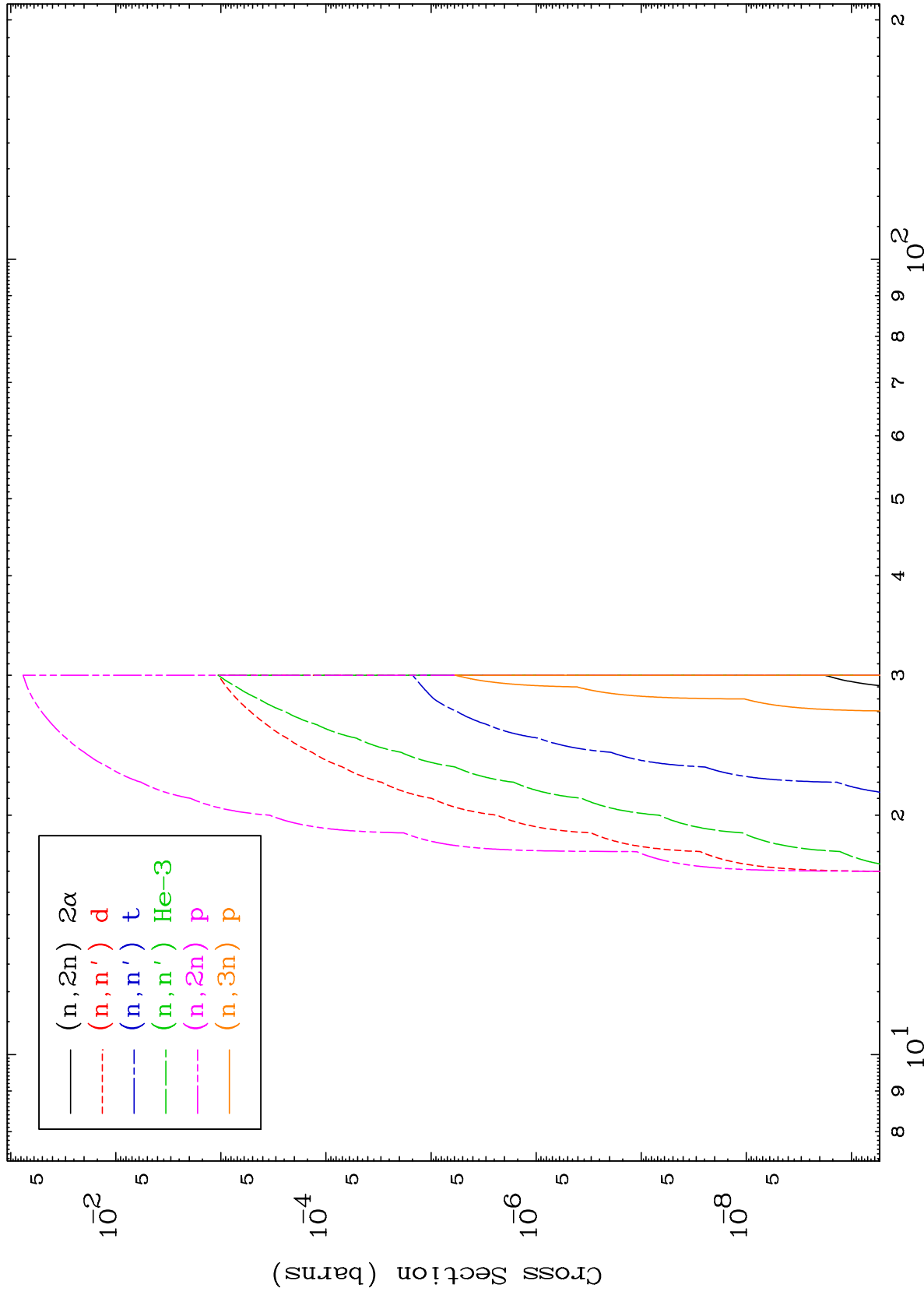
MAT 6195

Neutron Production  
293 Kelvin Cross Sections

62-Sm-134



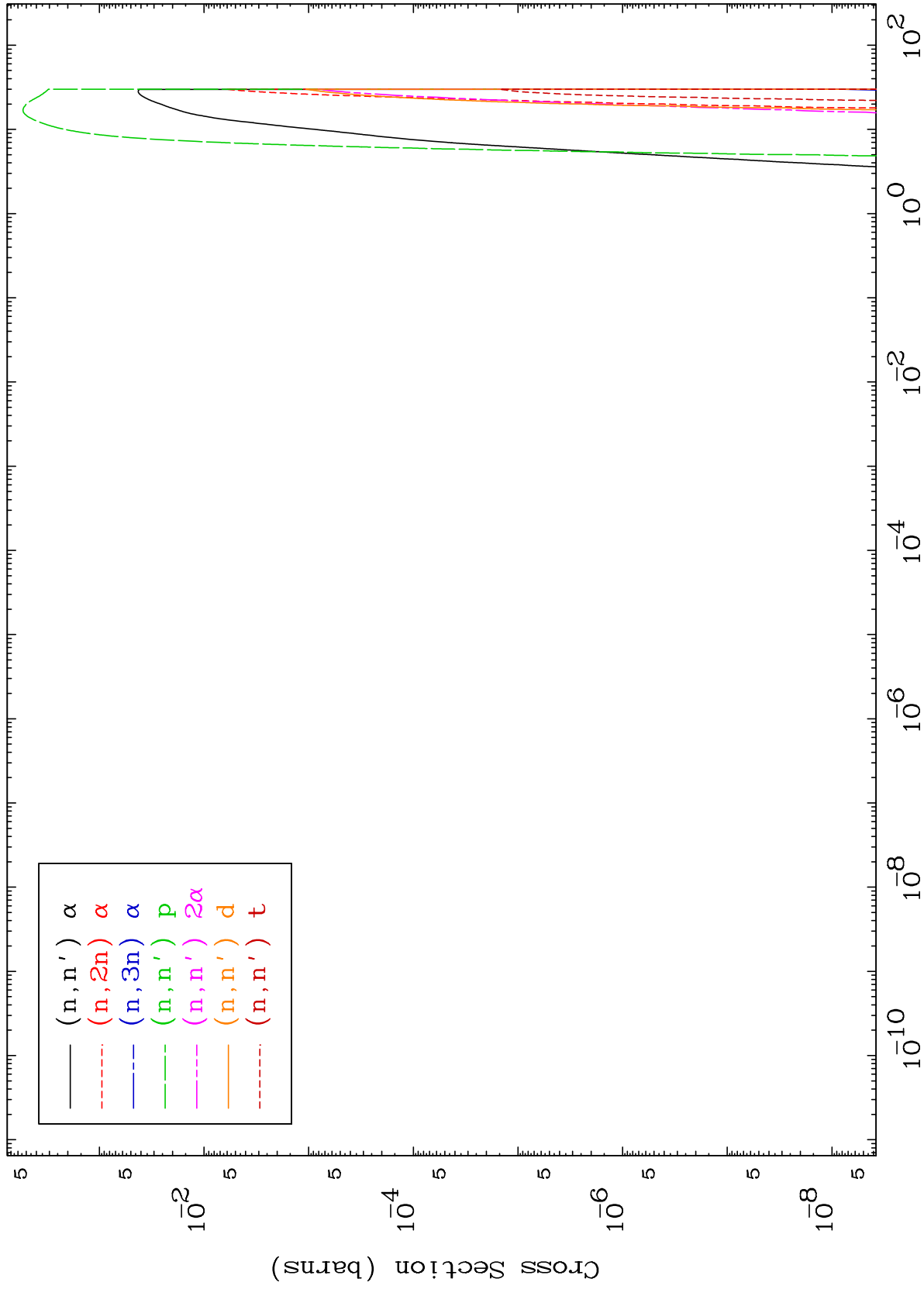
62-Sm-134



MAT 6195

Charged Particle  
293 Kelvin Cross Sections

62-Sm-134

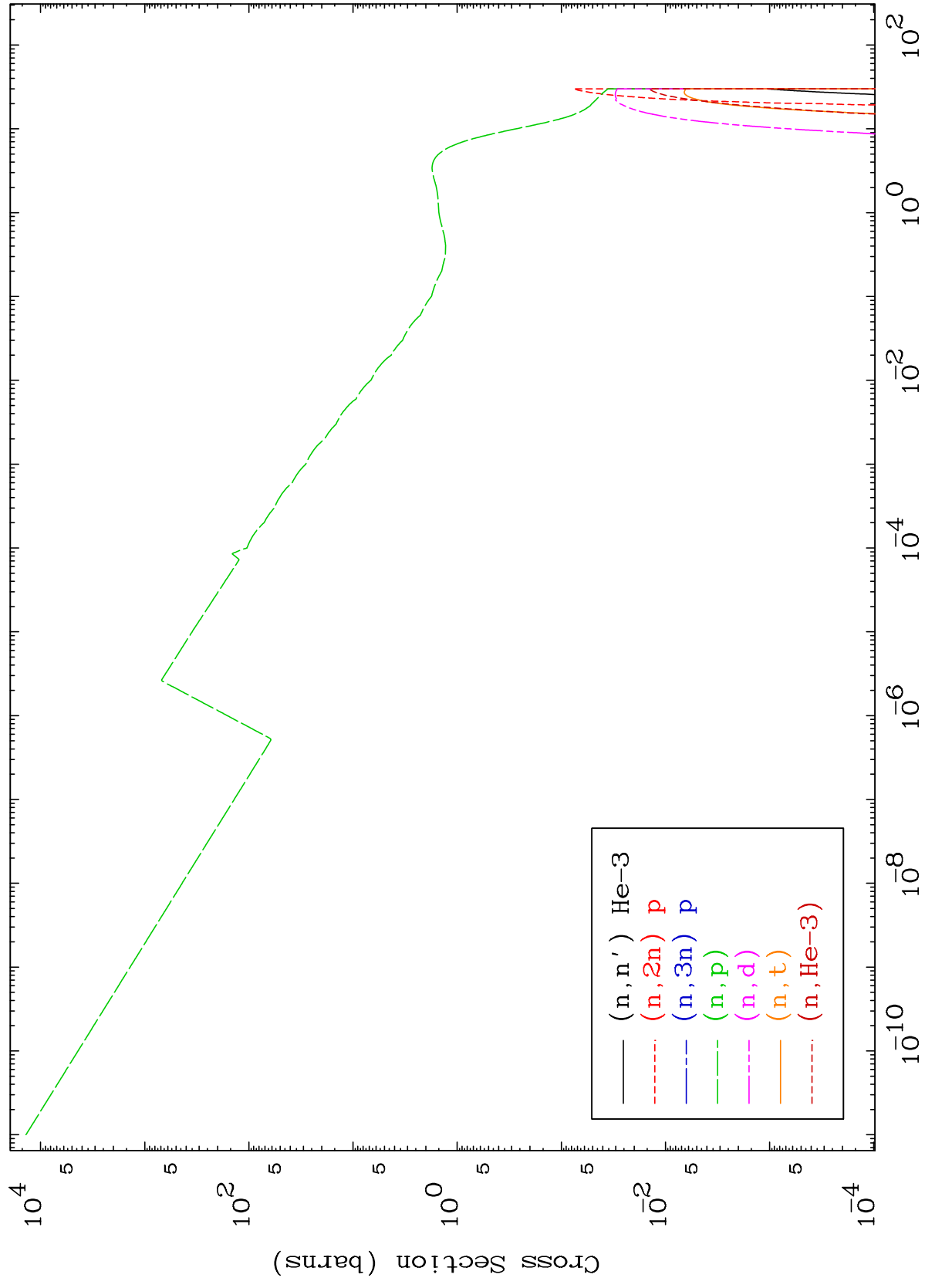


62-Sm-134

MAT 6195

293 Kelvin Cross Sections

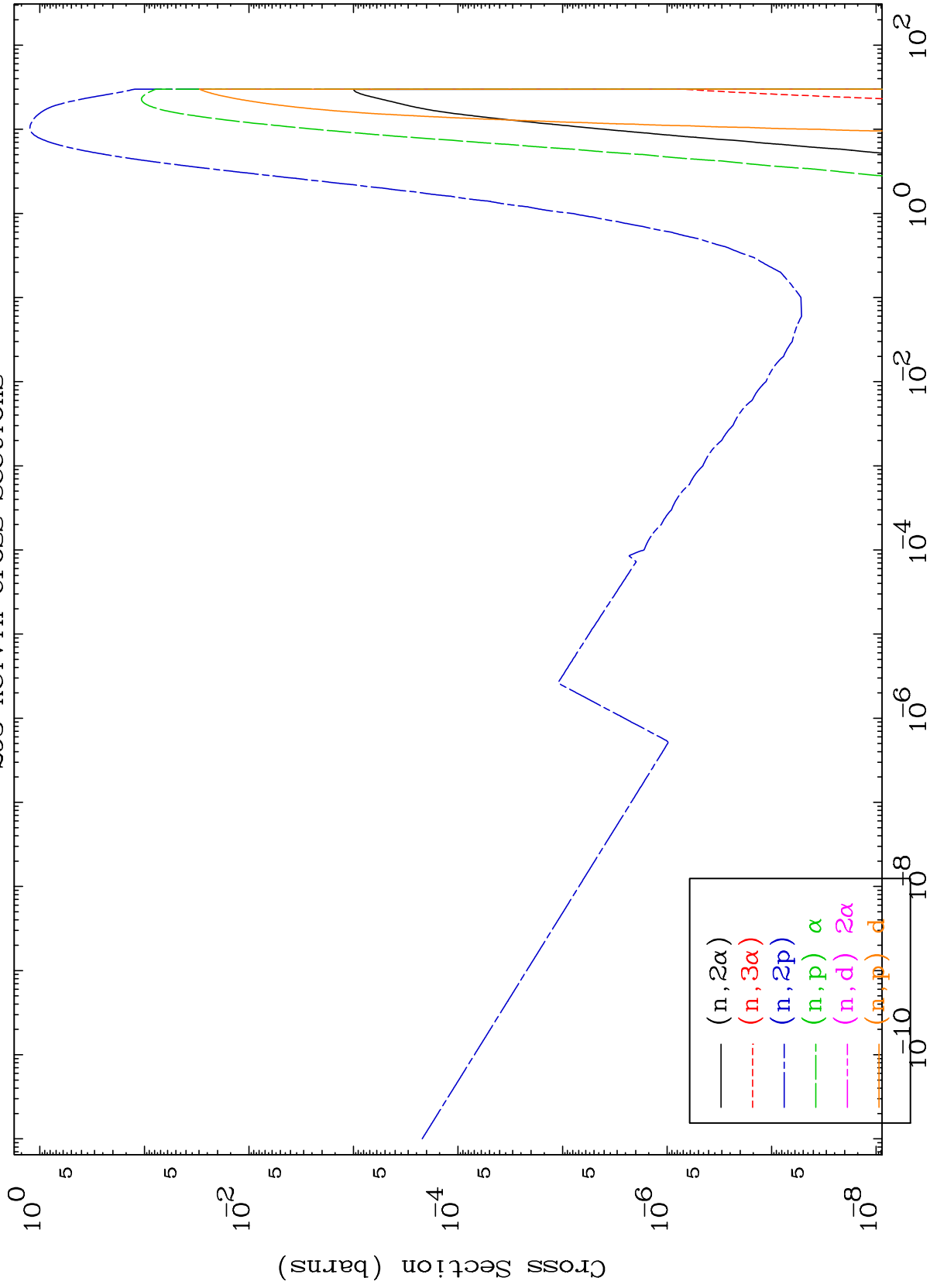
62-Sm-134



MAT 6195

293 Kelvin Cross Sections

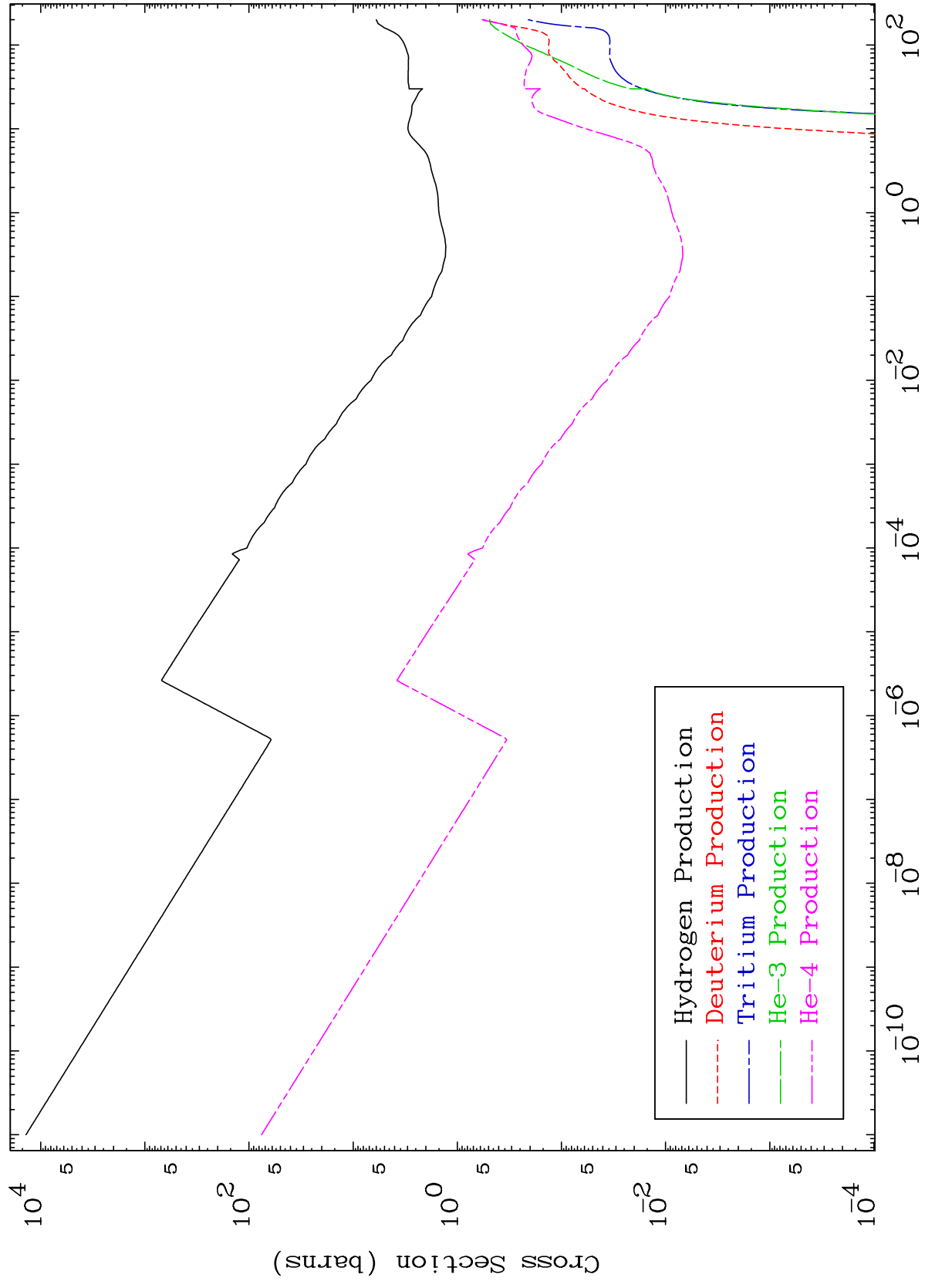
62-Sm-134



MAT 6195

Particle Production  
293 Kelvin Cross Sections

62-Sm-134



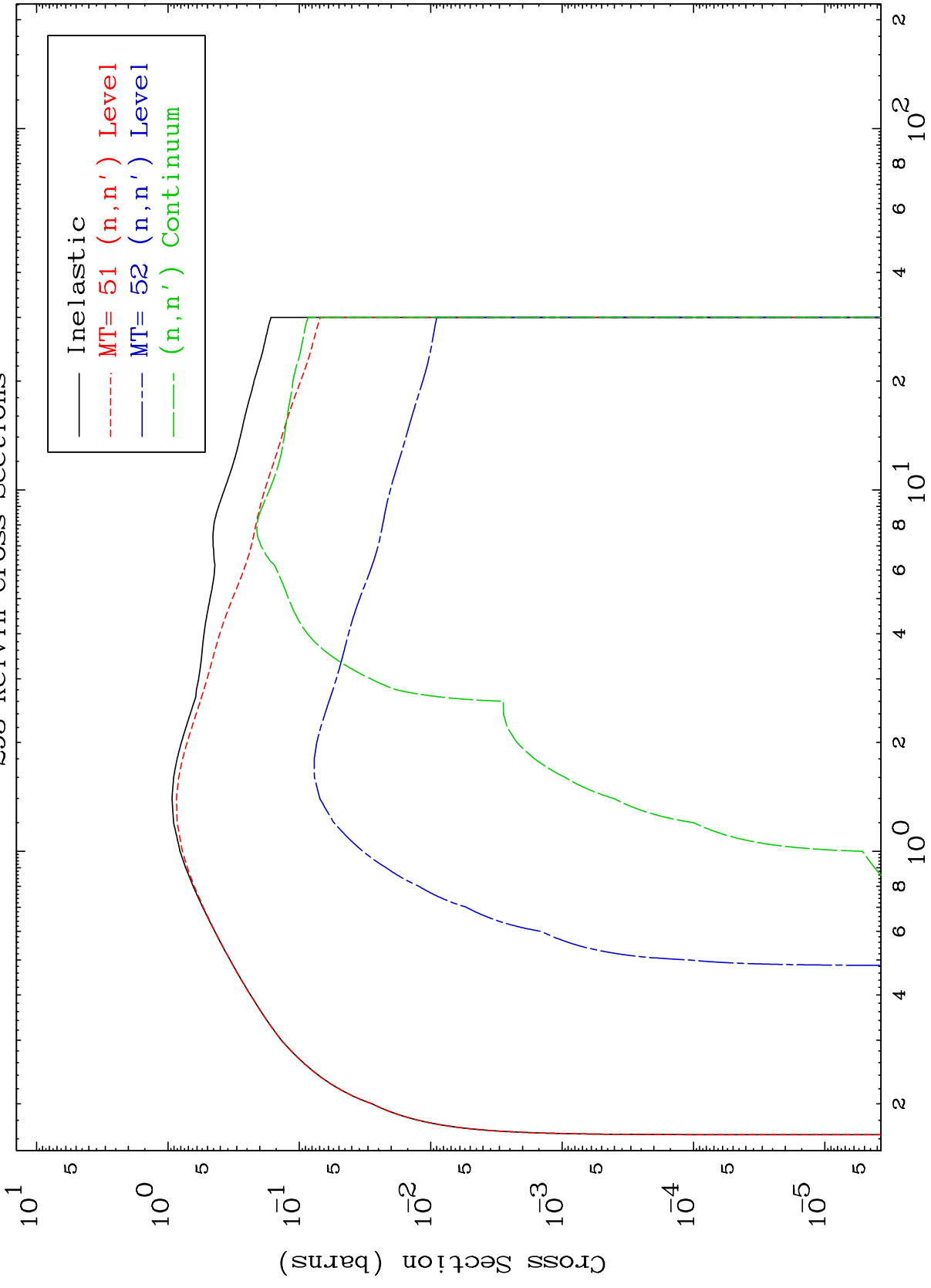
62-Sm-134



MAT 6195

(n,n') Level  
293 Kelvin Cross Sections

62-Sm-134



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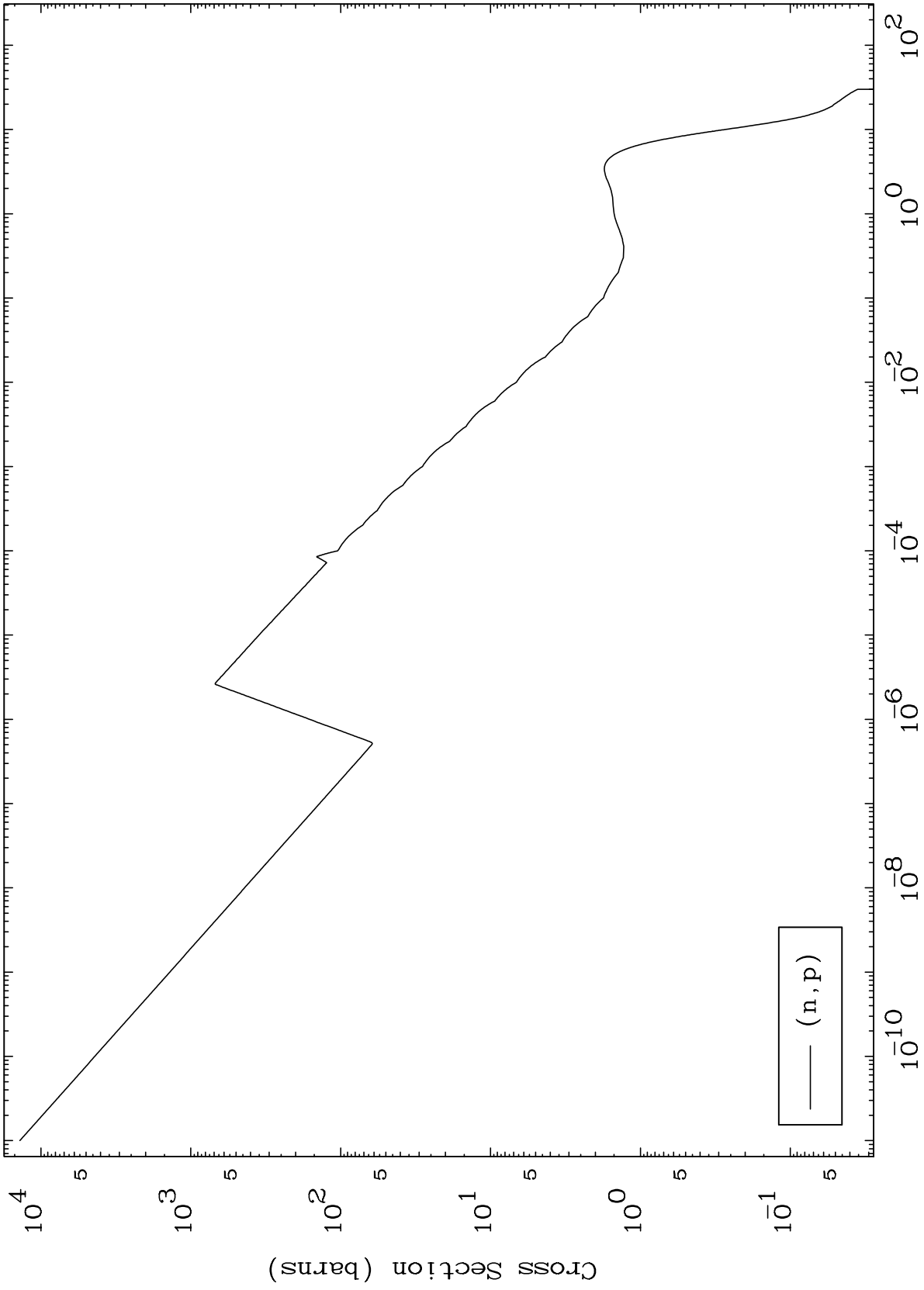
Incident Energy (MeV)

62-Sm-134

MAT 6195

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-134

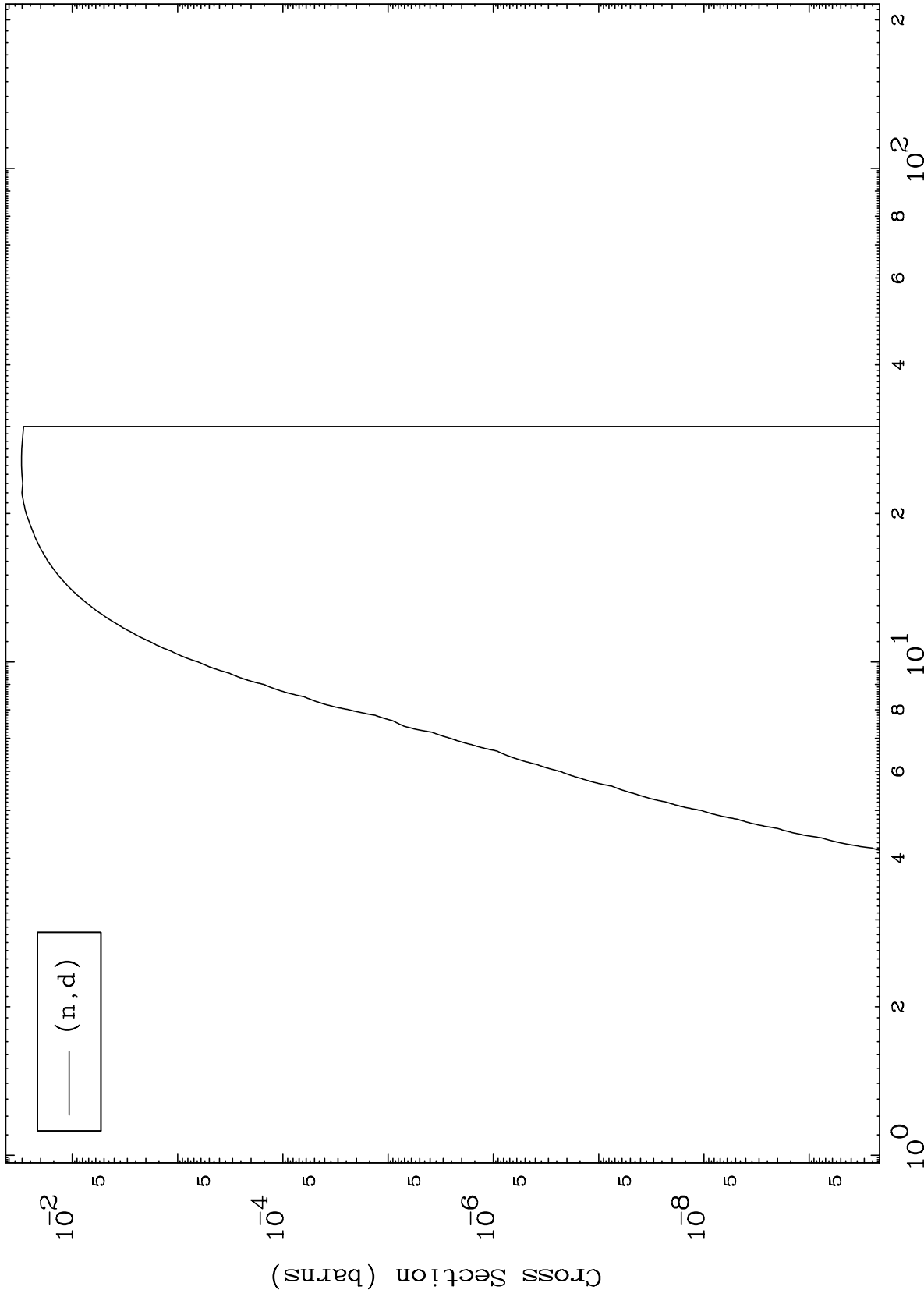


62-Sm-134

MAT 6195

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-134



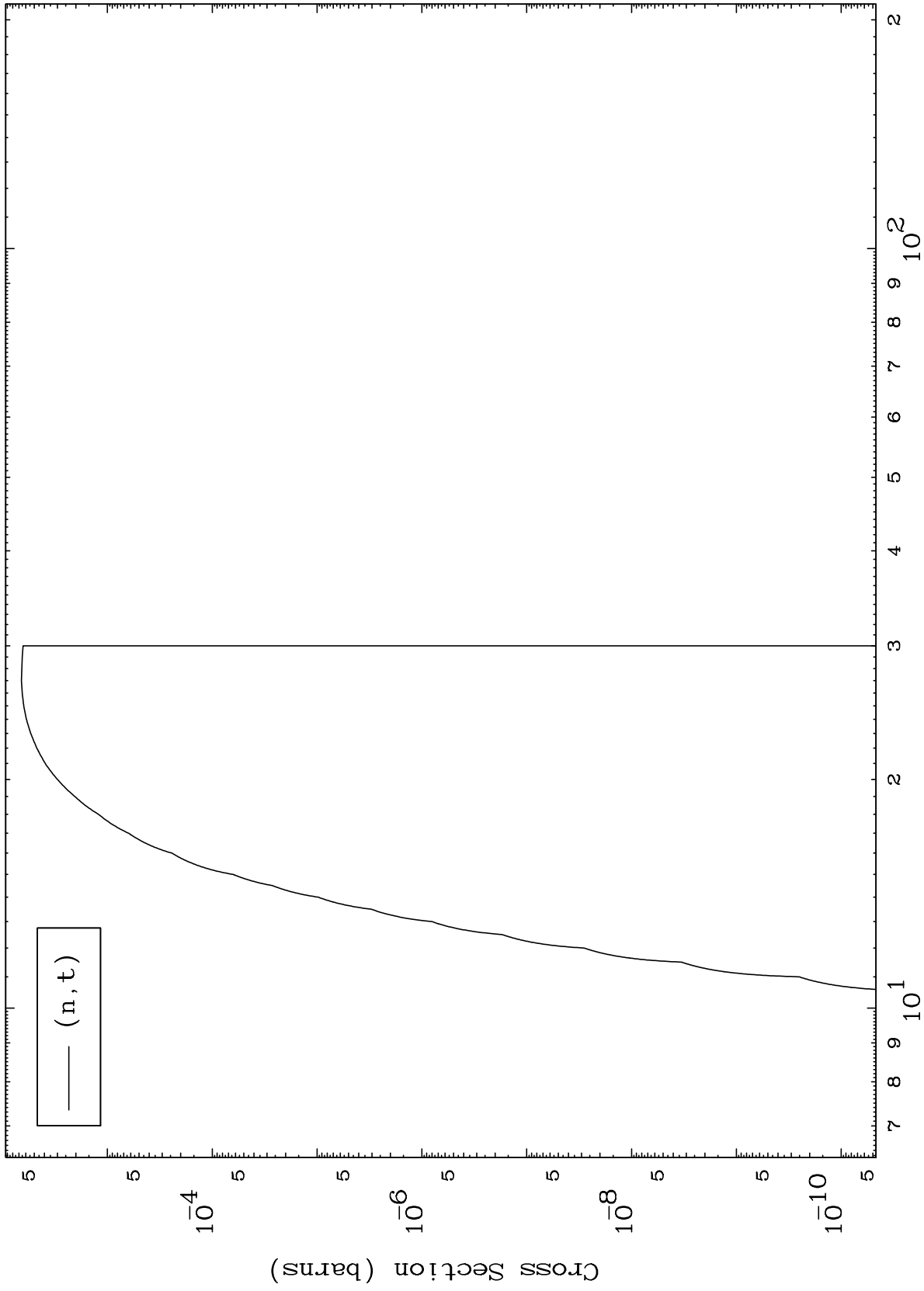
Incident Energy (MeV)

62-Sm-134

MAT 6195

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-134



11

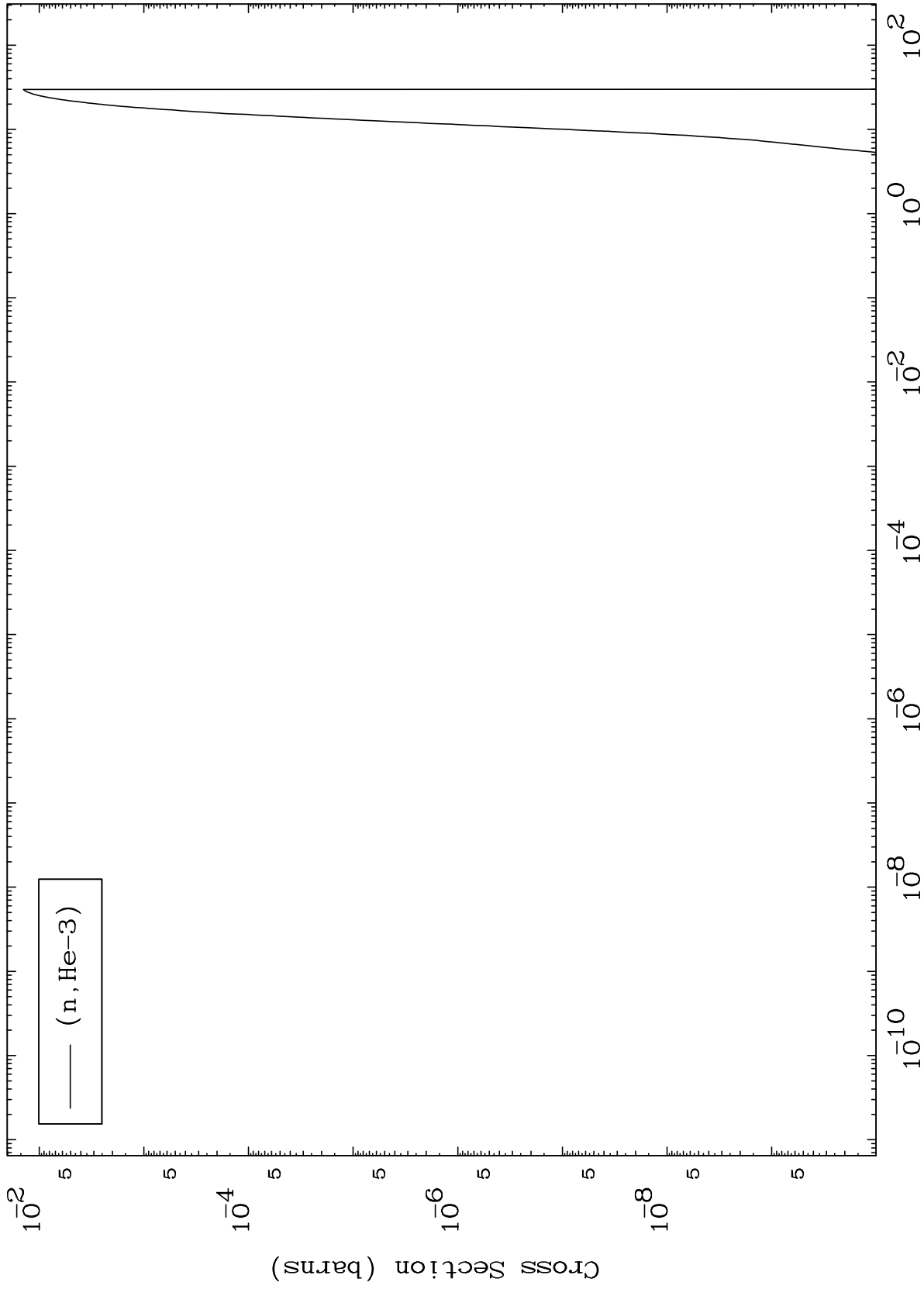
Incident Energy (MeV)

62-Sm-134

MAT 6195

(n,He3) Levels  
293 Kelvin Cross Sections

62-Sm-134



12

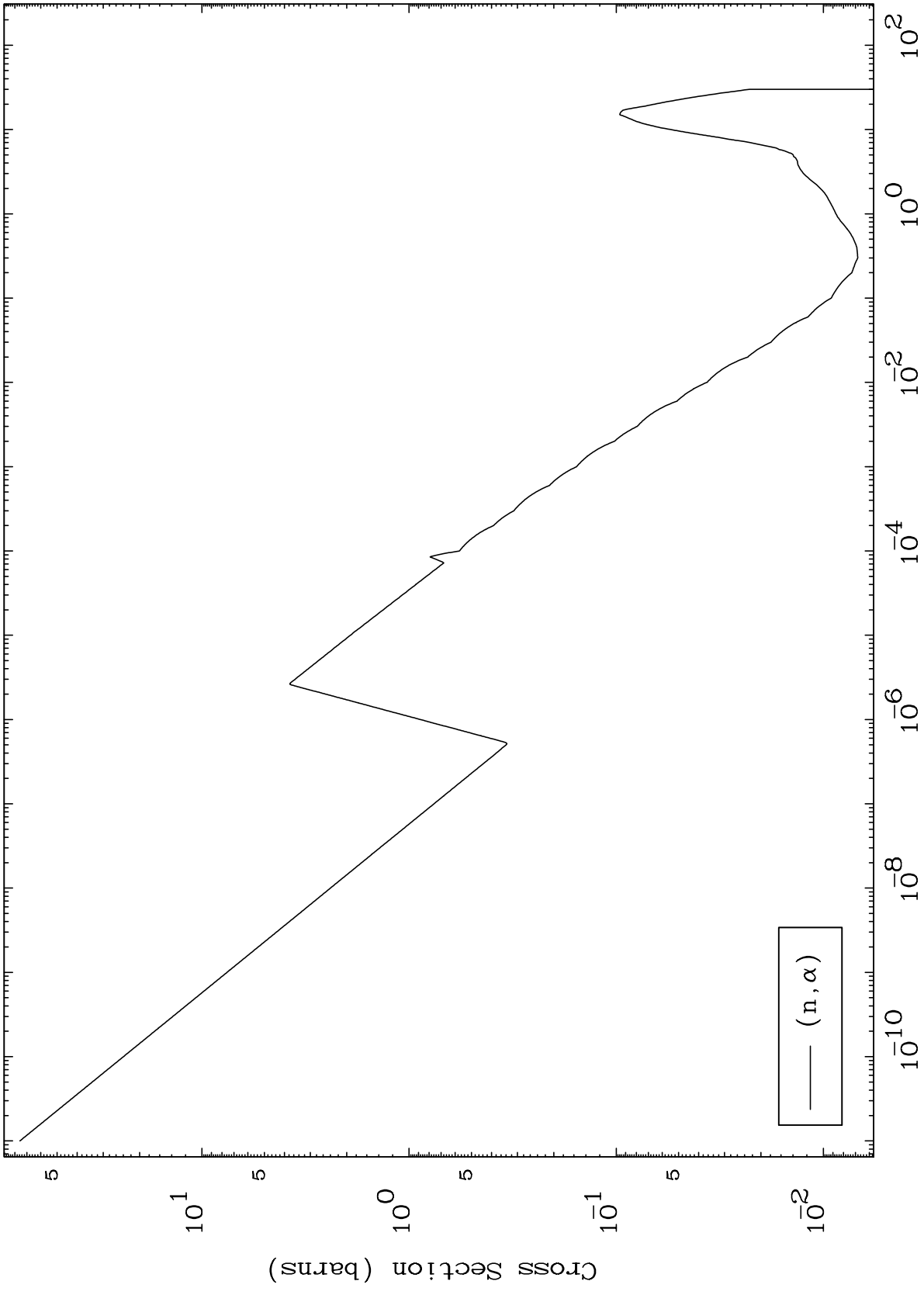
Incident Energy (MeV)

62-Sm-134

MAT 6195

(n,α) Levels  
293 Kelvin Cross Sections

62-Sm-134

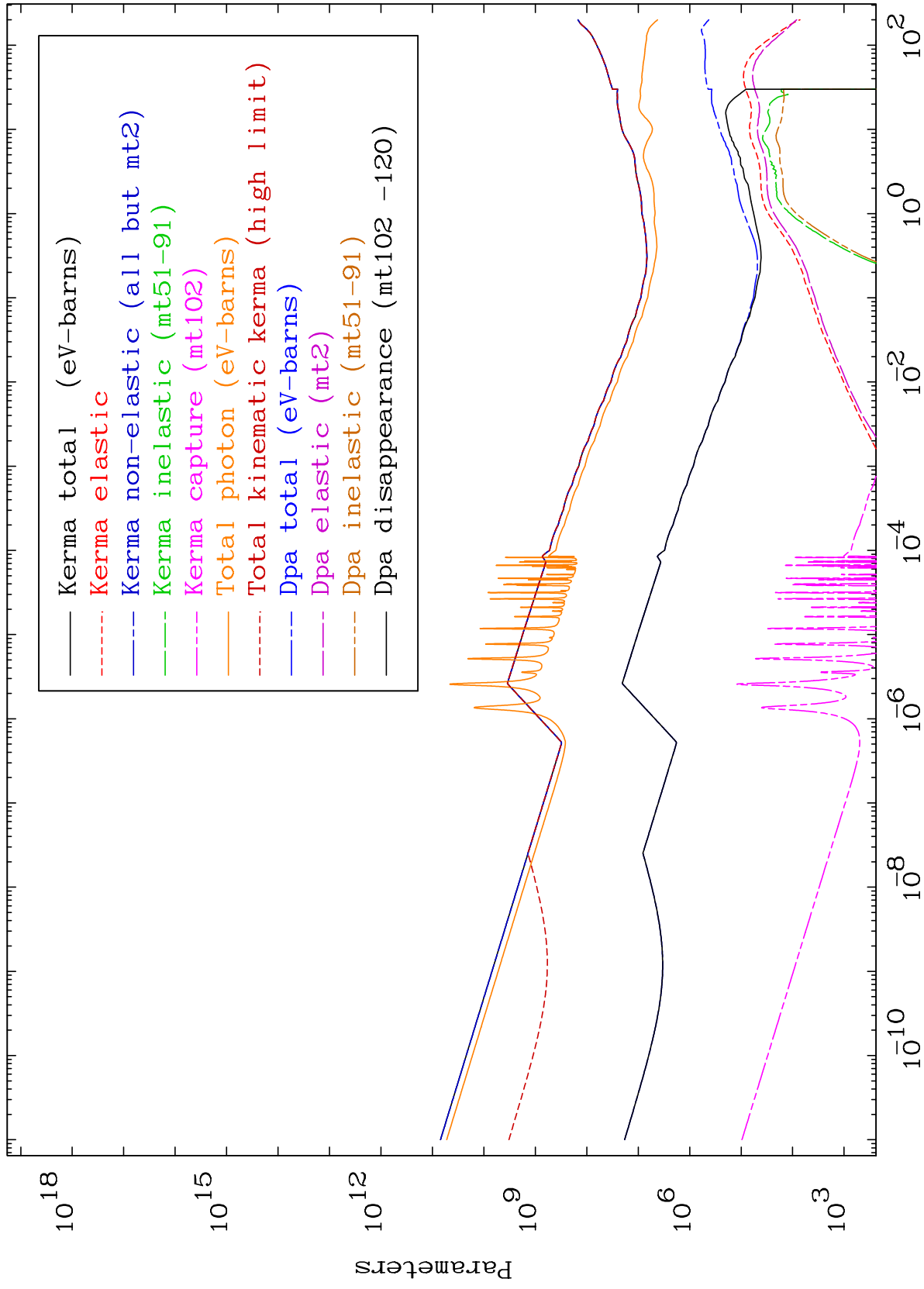


13

Incident Energy (MeV)

62-Sm-134

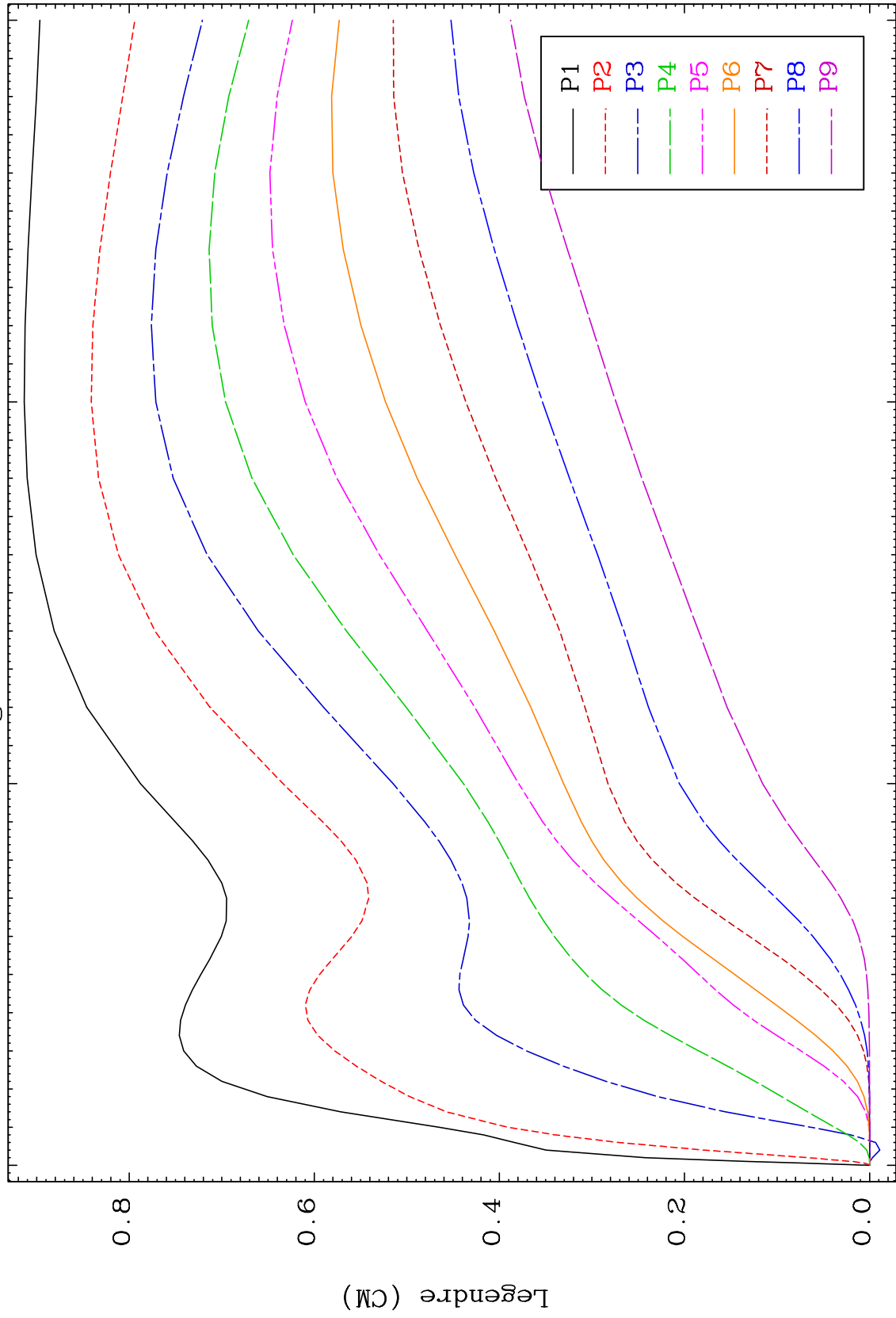
— (n,α)



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Elastic Legendre Coefficients

62-Sm-134



15

Incident Energy (MeV)

62-Sm-134

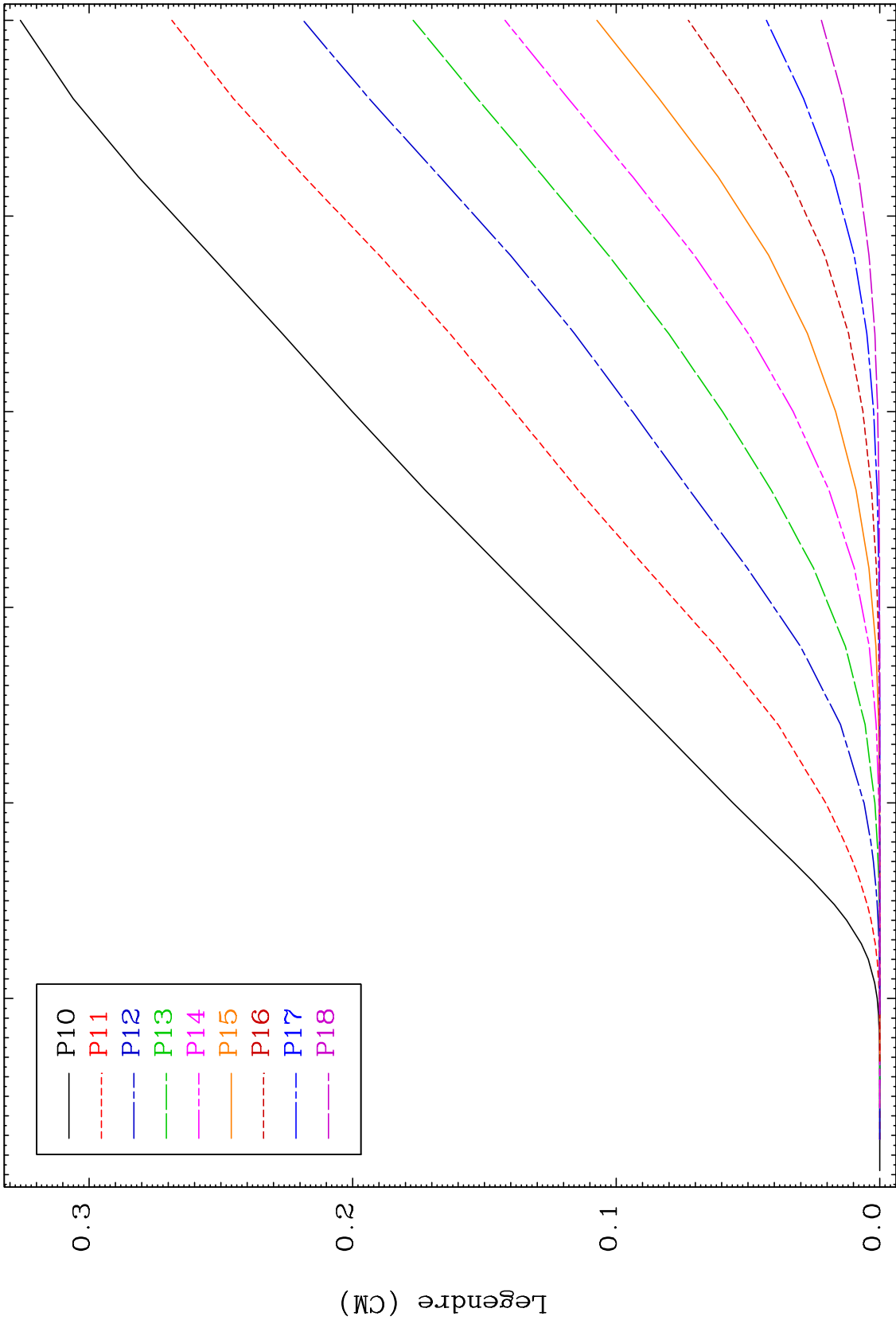
30



MAT 6195

Elastic Legendre Coefficients

62-Sm-134



16

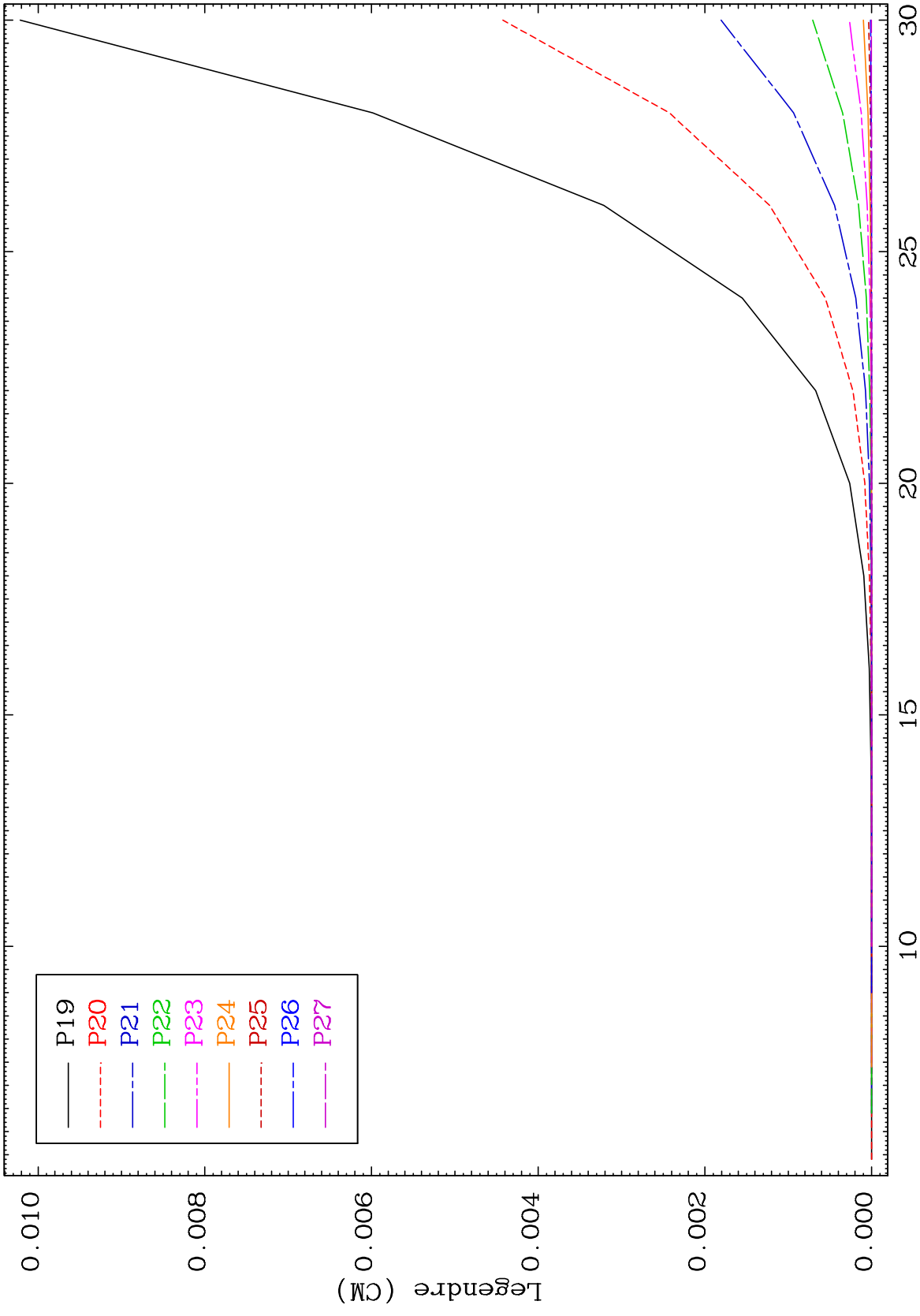
Incident Energy (MeV)

62-Sm-134

MAT 6195

### Elastic Legendre Coefficients

62-Sm-134



17

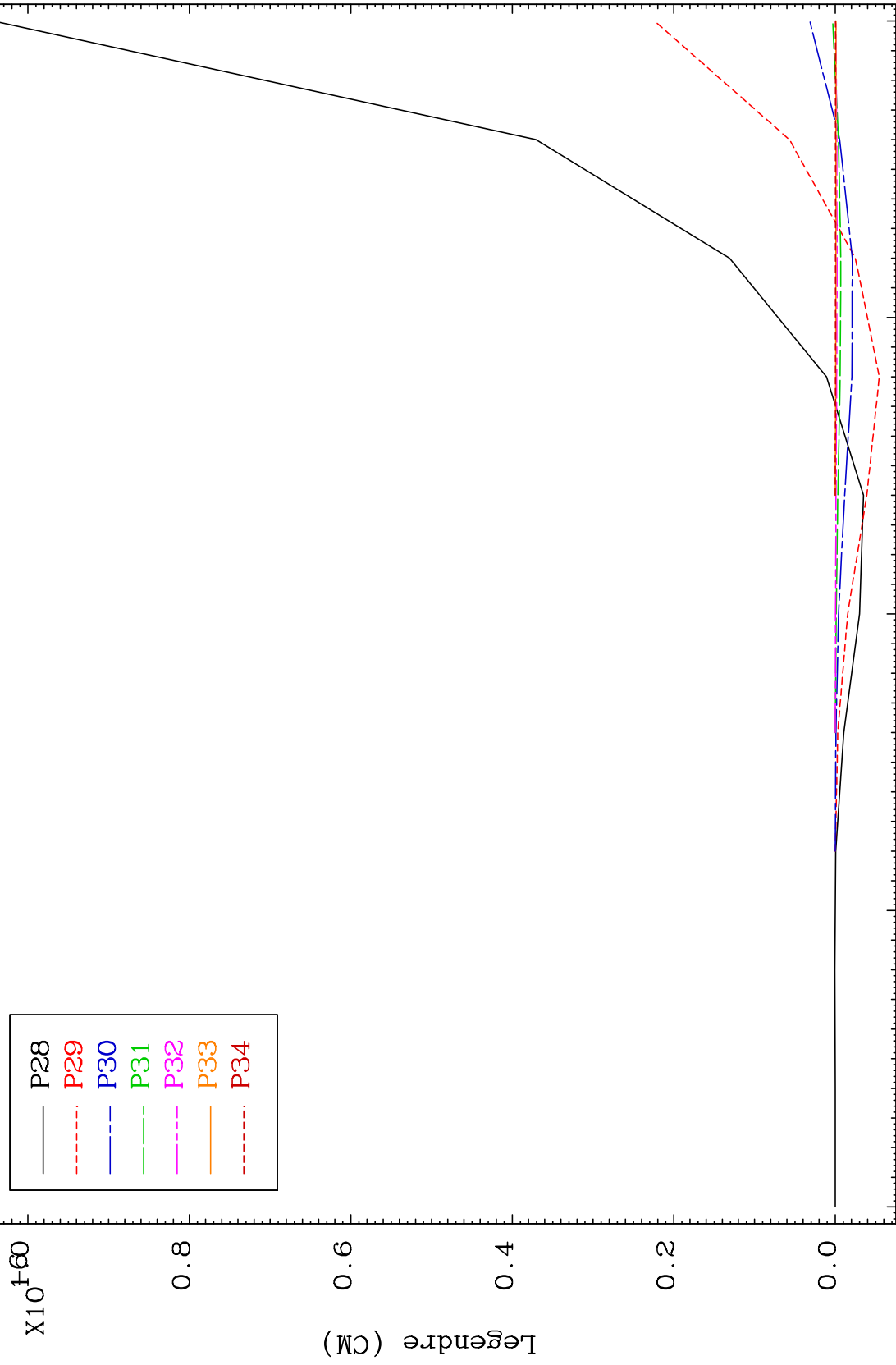
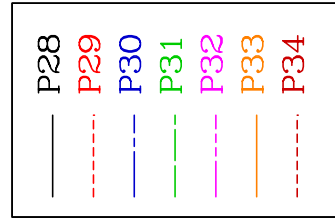
Incident Energy (MeV)

62-Sm-134

MAT 6195

Elastic Legendre Coefficients

62-Sm-134



10

15

20

25

30

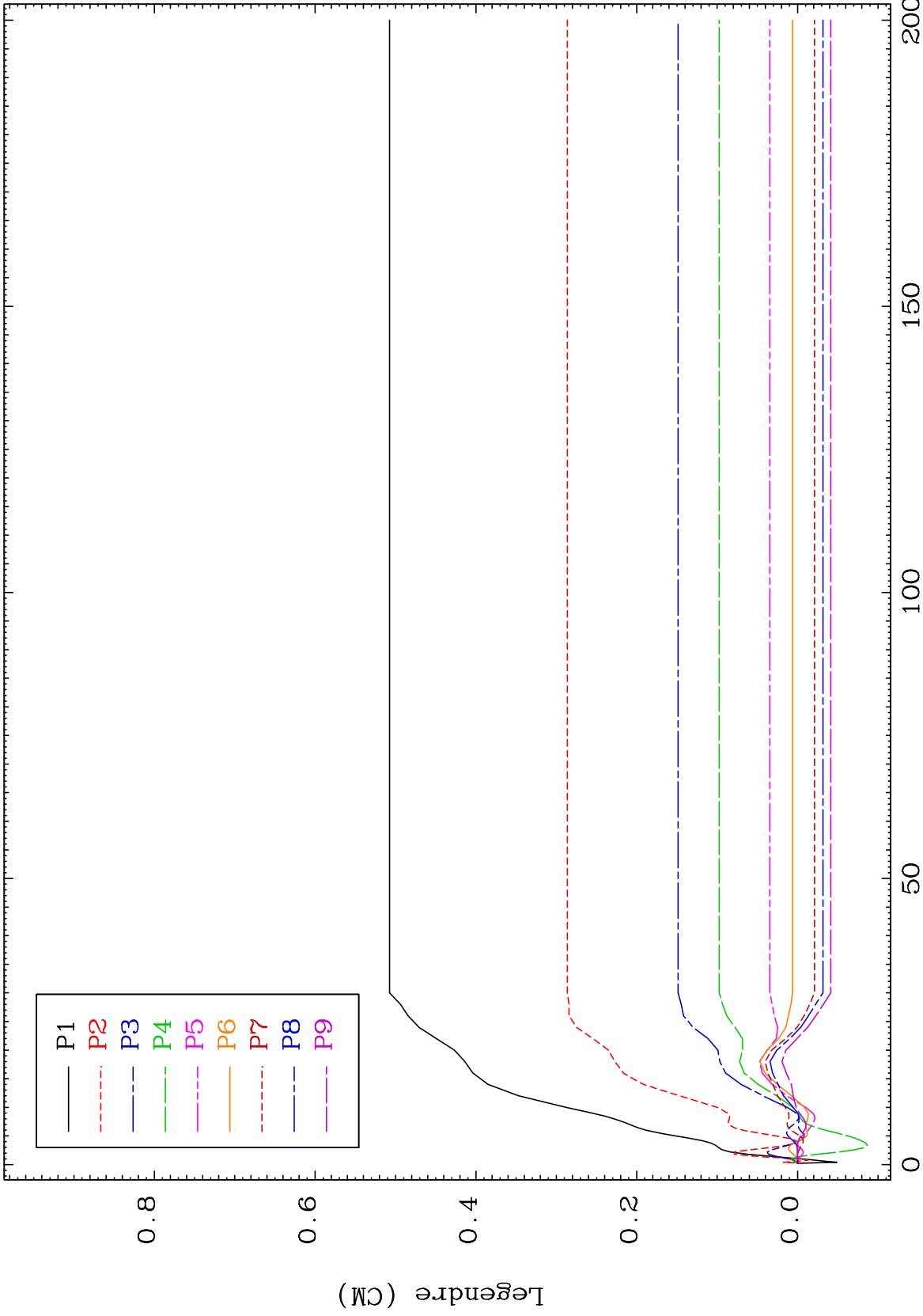
Incident Energy (MeV)

62-Sm-134

MAT 6195

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

62-Sm-134



19

Incident Energy (MeV)

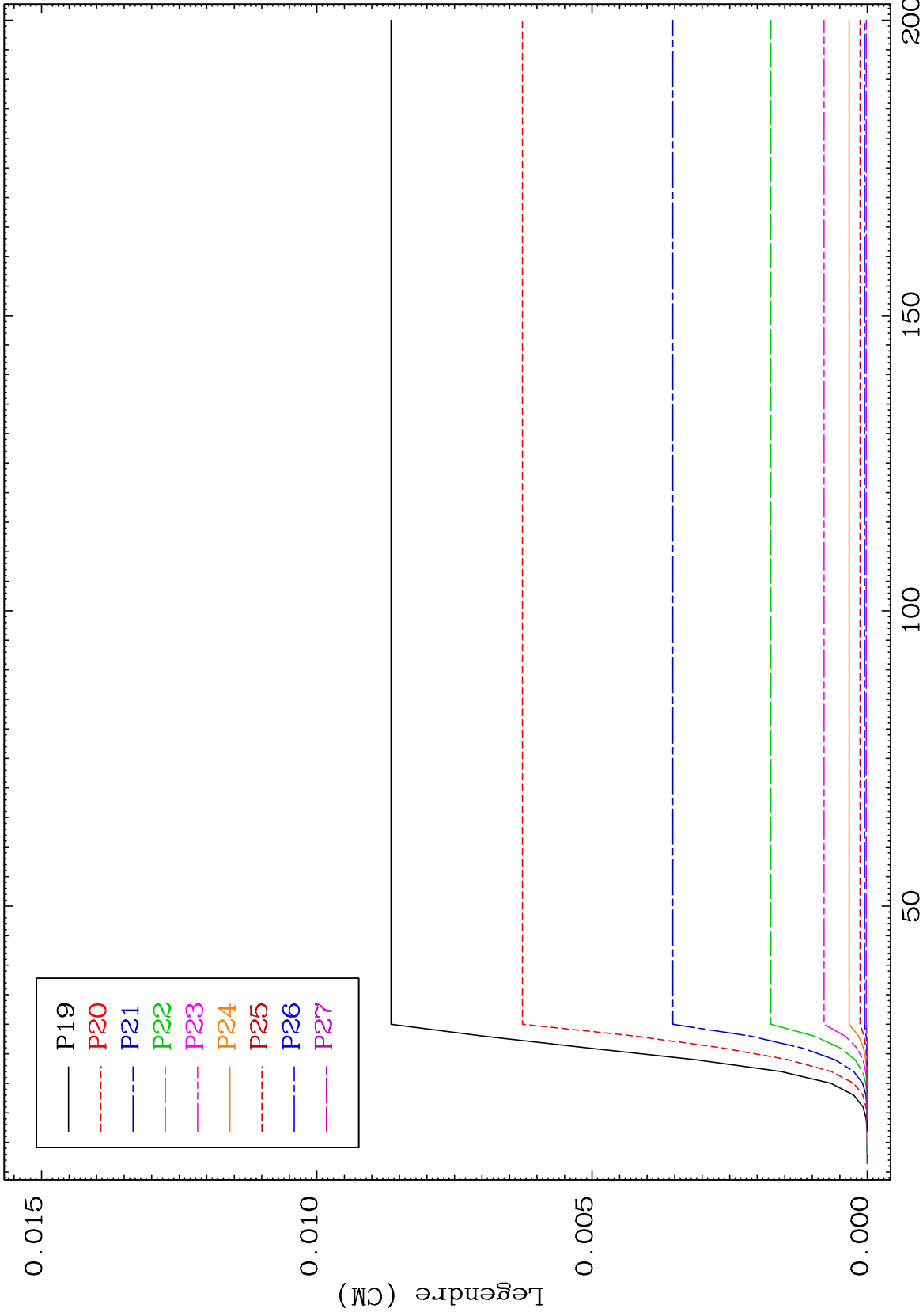
62-Sm-134



MAT 6195

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

62-Sm-134



21

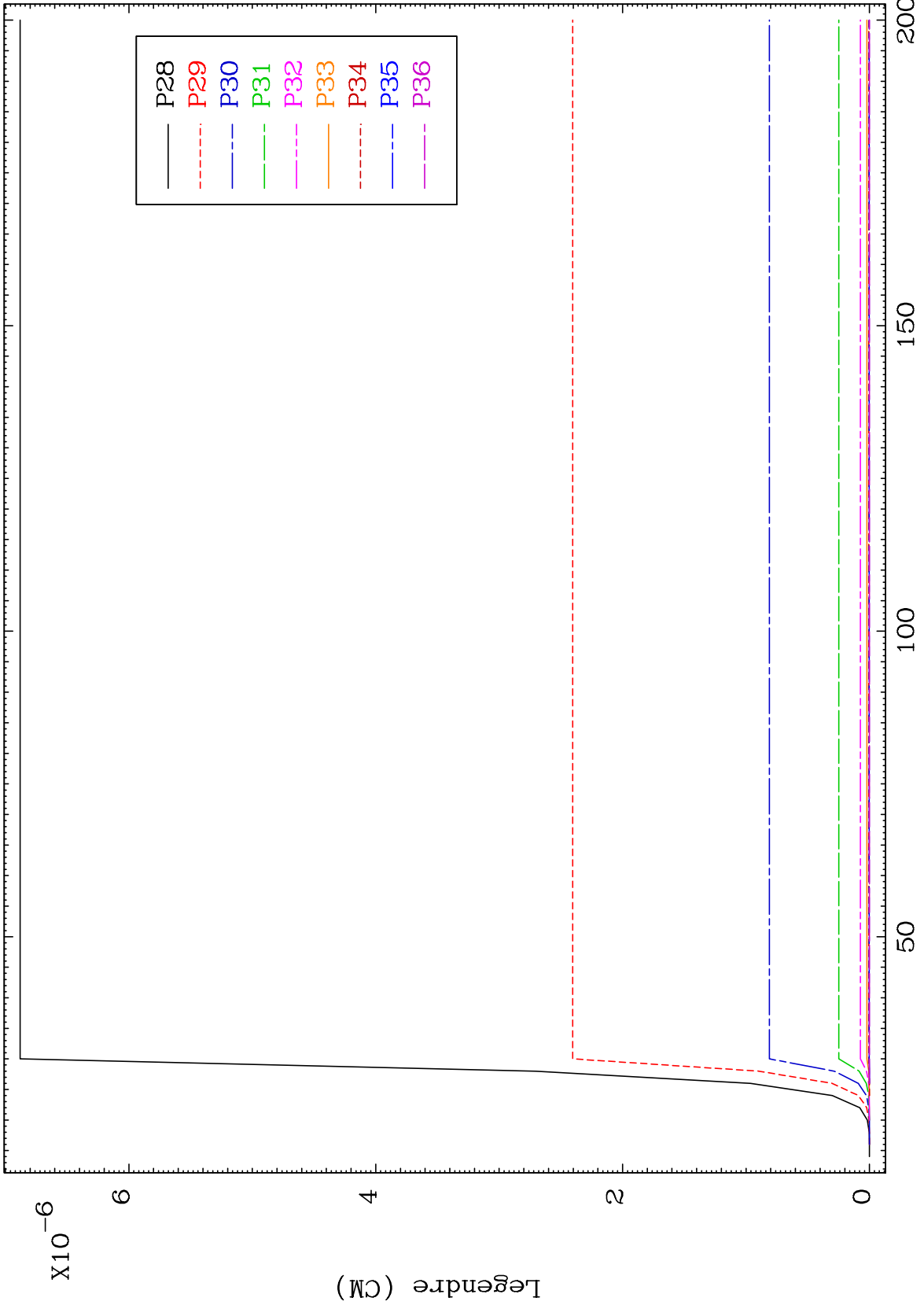
Incident Energy (MeV)

62-Sm-134

MAT 6195

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

62-Sm-134



22

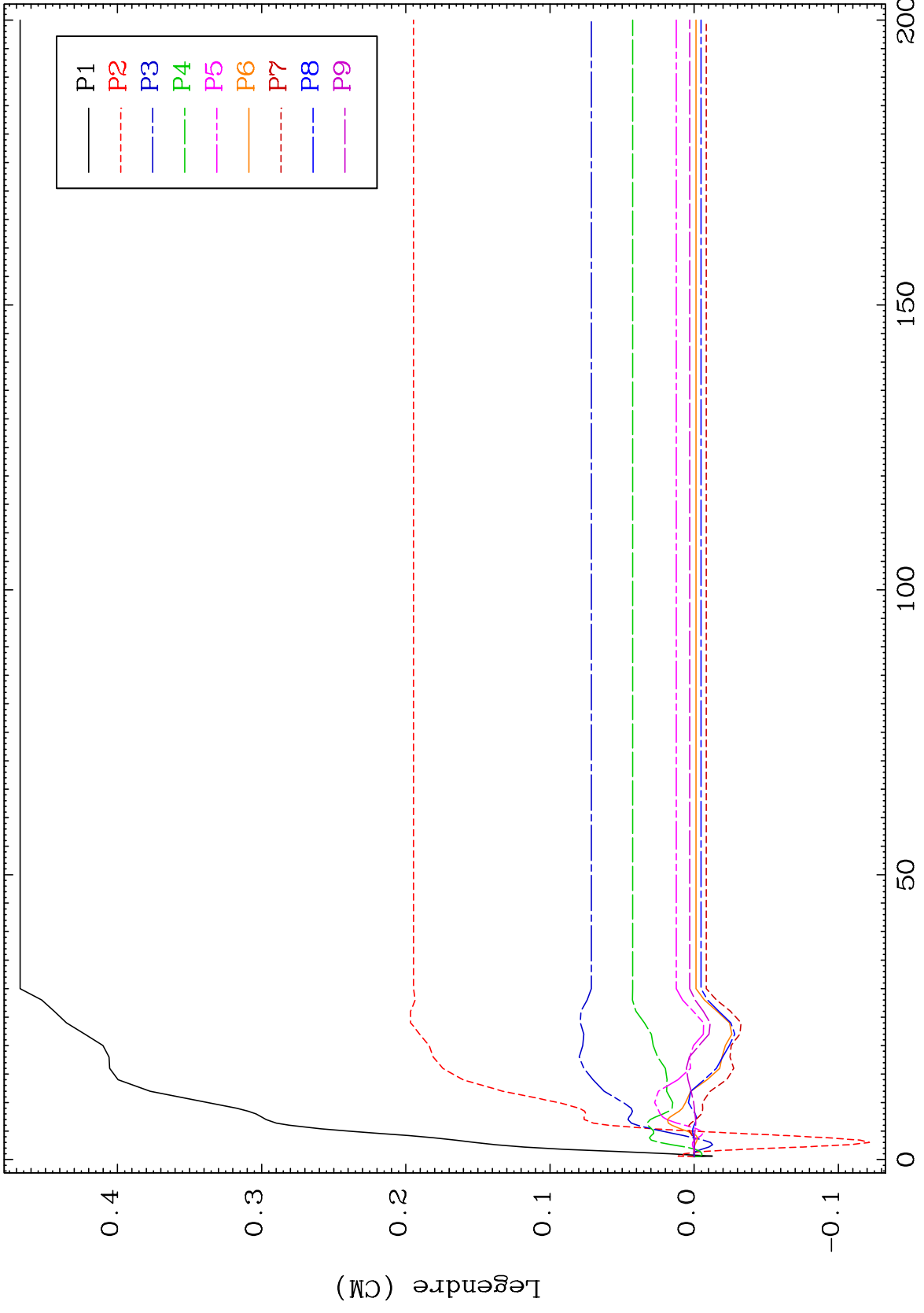
Incident Energy (MeV)

62-Sm-134

MAT 6195

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

62-Sm-134



23

Incident Energy (MeV)

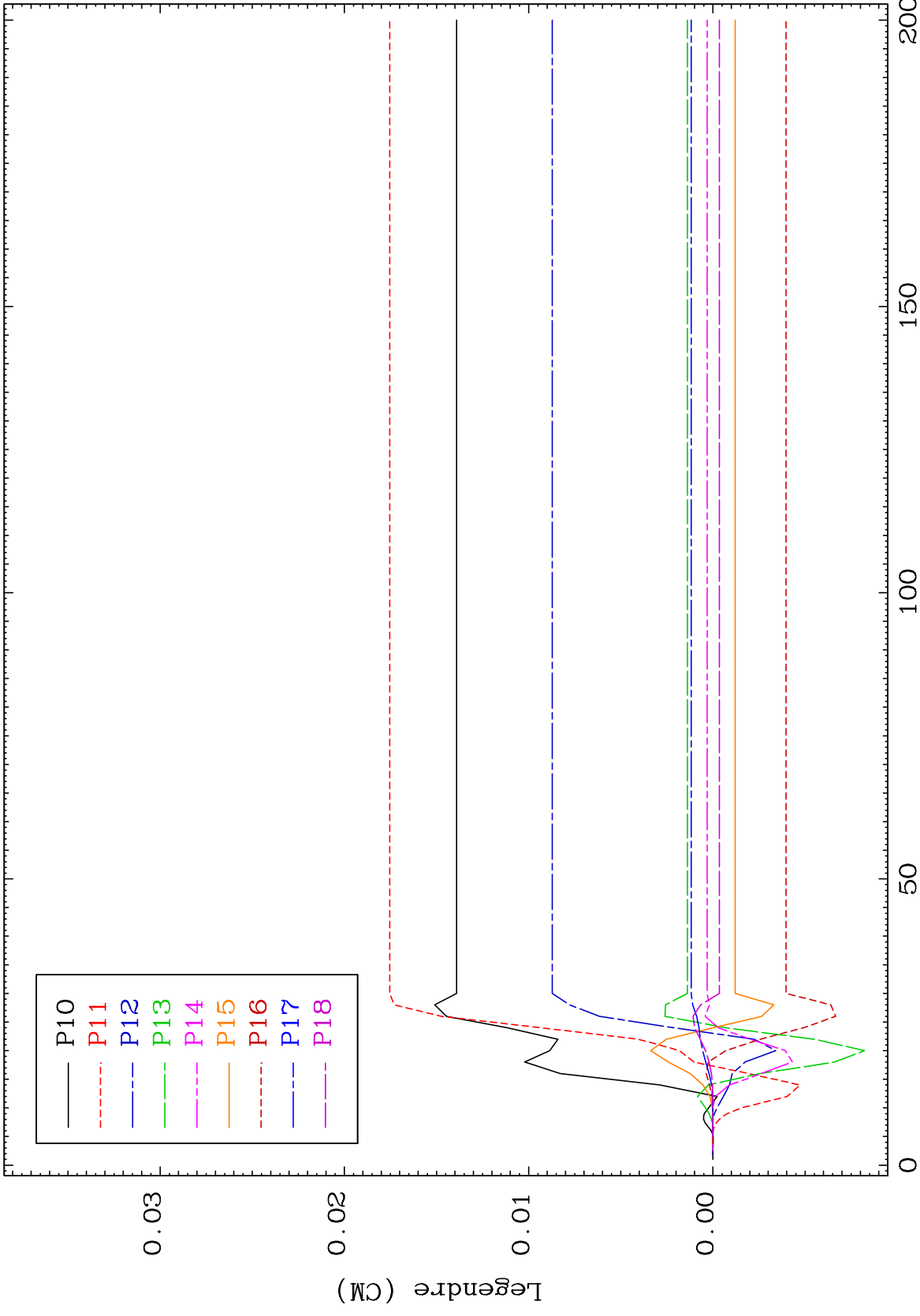
62-Sm-134



MAT 6195

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

62-Sm-134



24

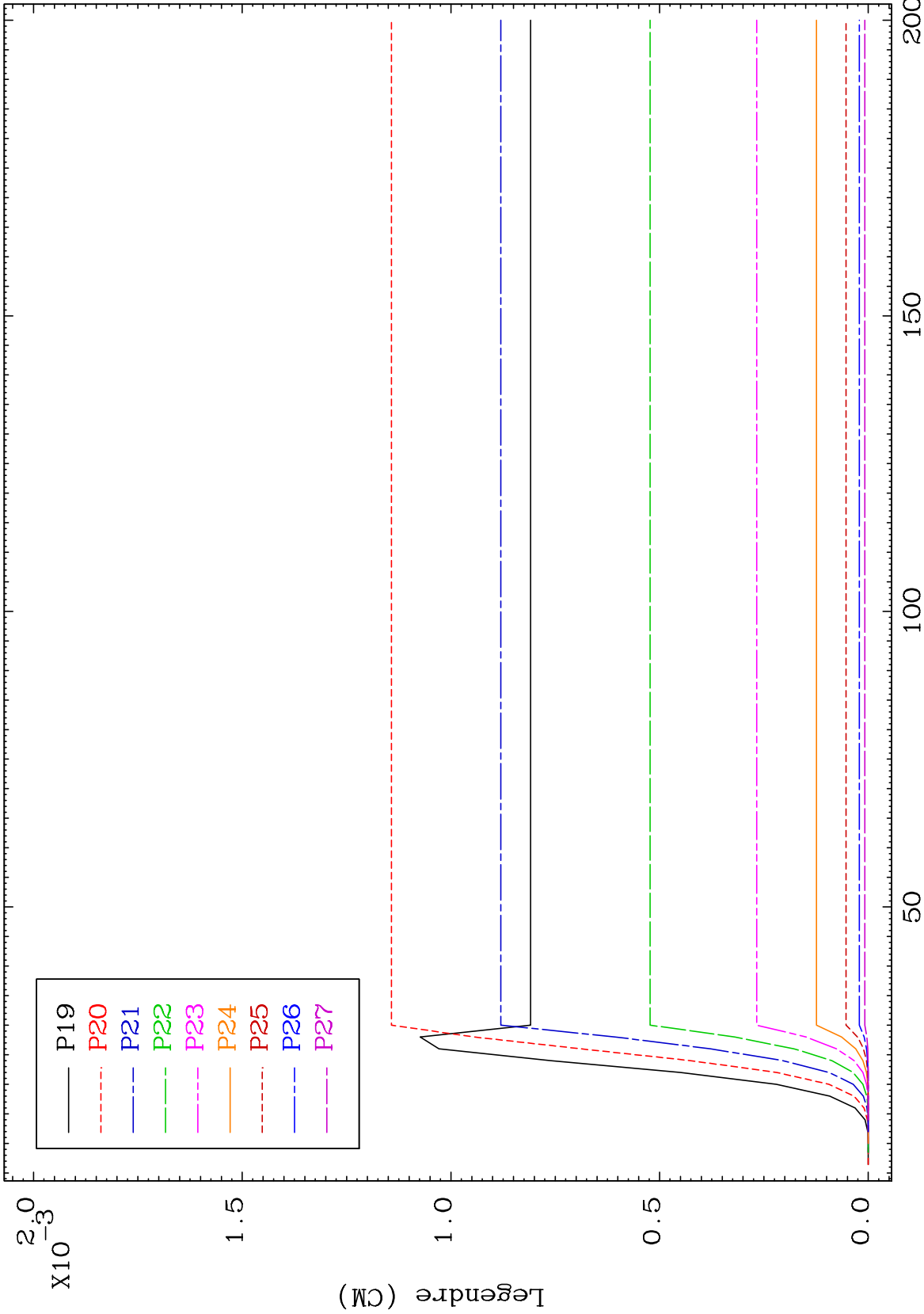
Incident Energy (MeV)

62-Sm-134

MAT 6195

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

62-Sm-134



25

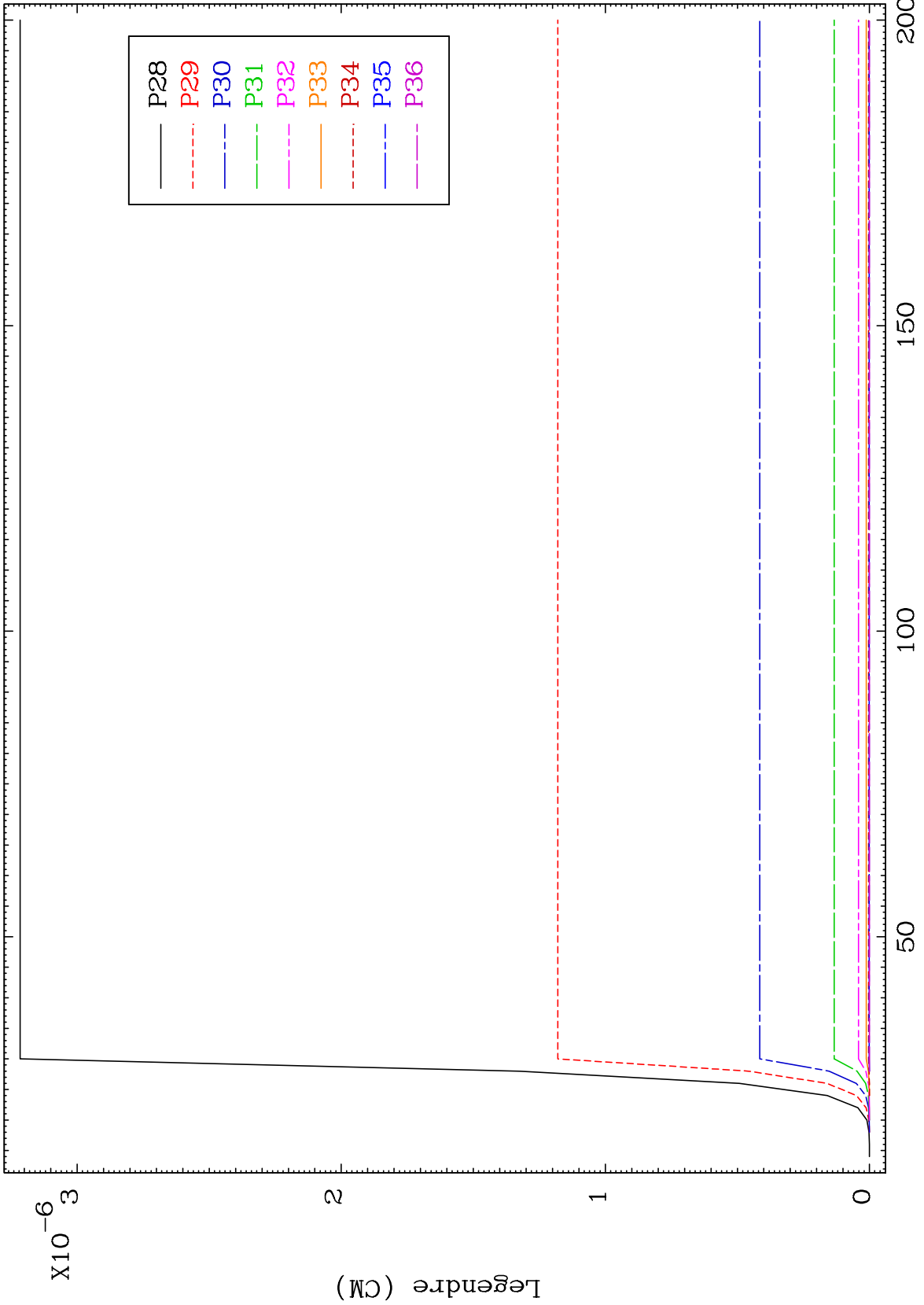
Incident Energy (MeV)

62-Sm-134

MAT 6195

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

62-Sm-134



26

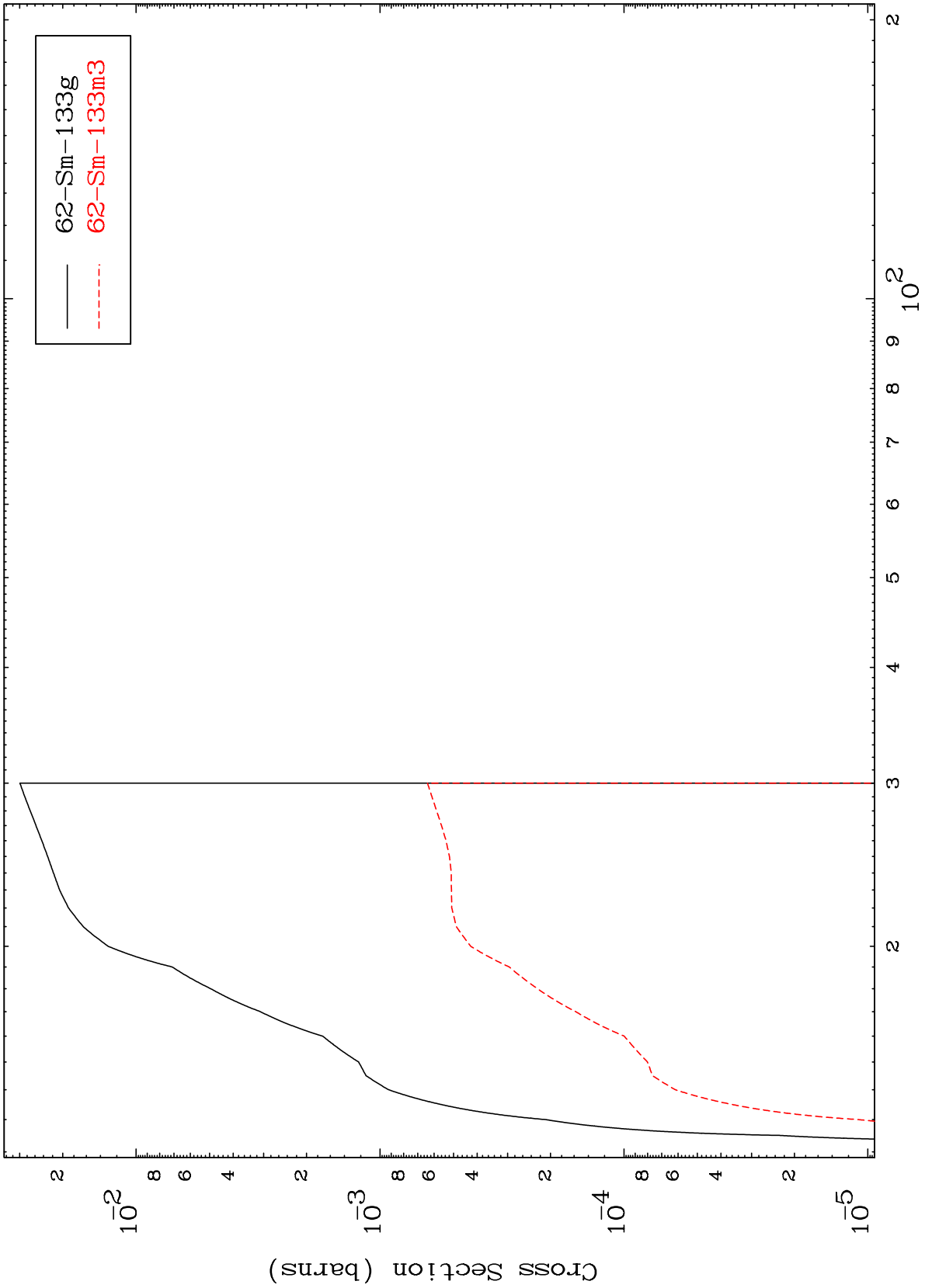
62-Sm-134

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(n,2n)

62-Sm-134

Radionuclide Production Cross Section



62-Sm-133g  
62-Sm-133m3

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Incident Energy (MeV)

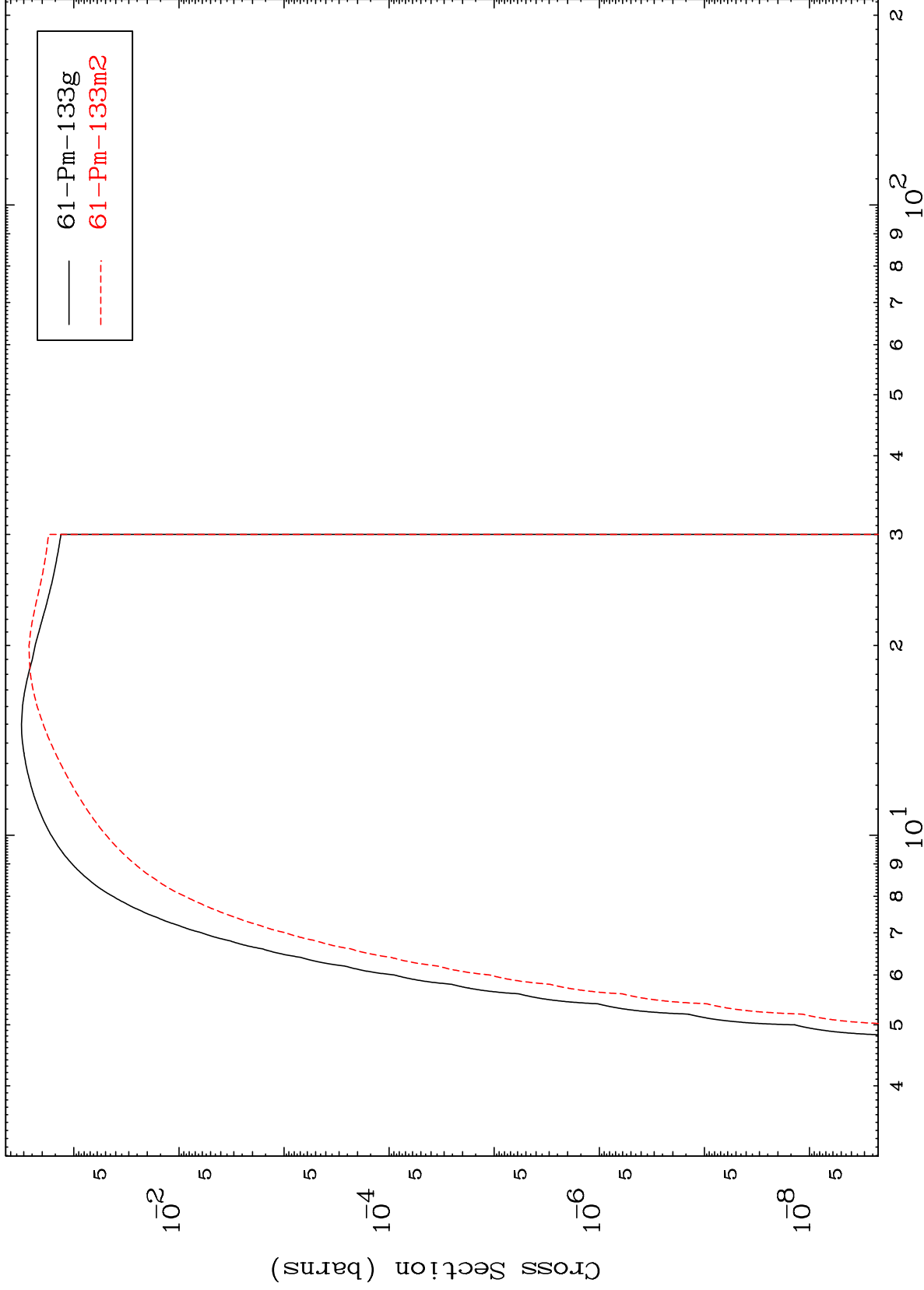
62-Sm-134

MAT 6195

(n,n') p

62-Sm-134

Radionuclide Production Cross Section



28

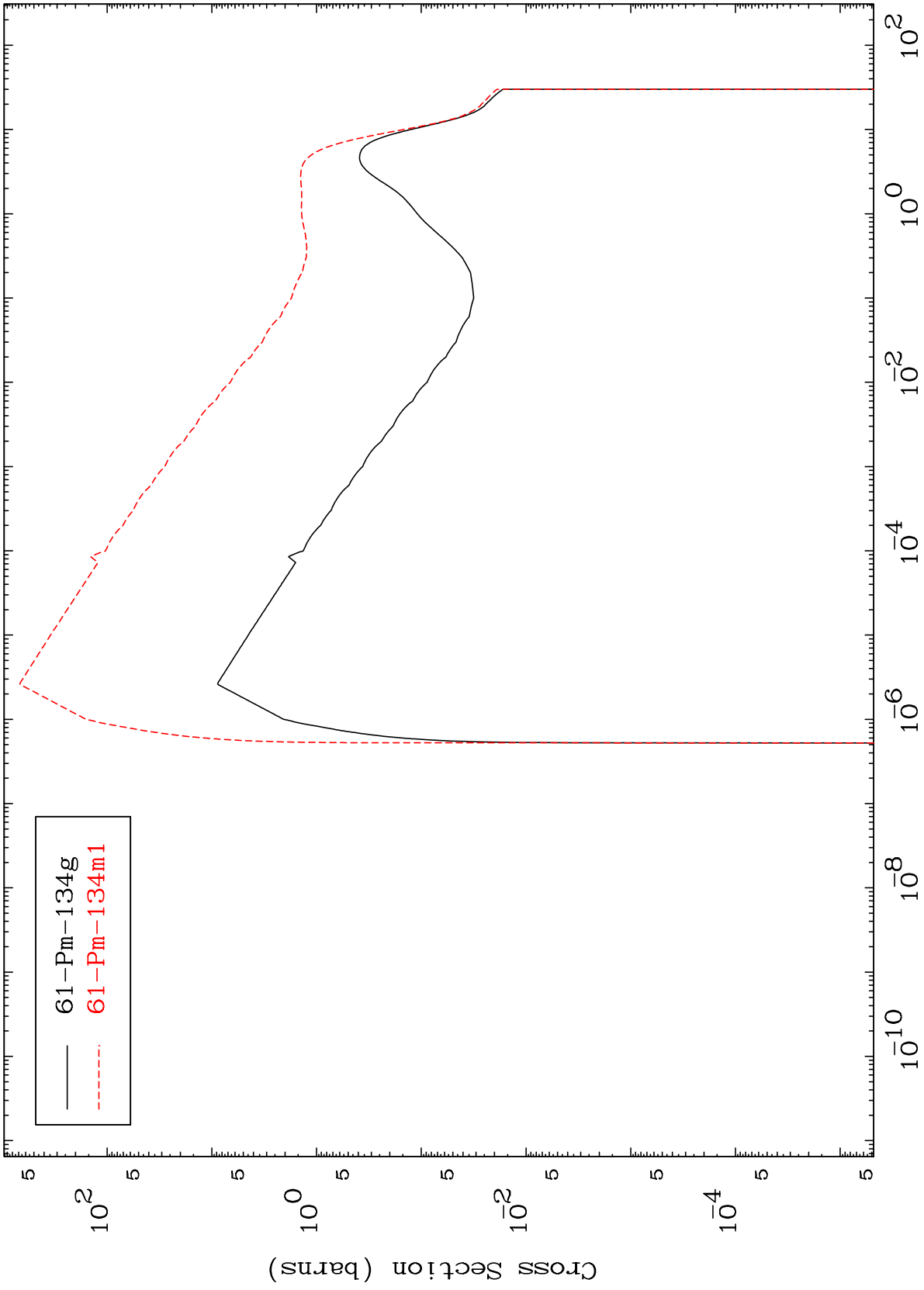
Incident Energy (MeV)

62-Sm-134

MAT 6195

62-Sm-134

(n,p)  
Radionuclide Production Cross Section

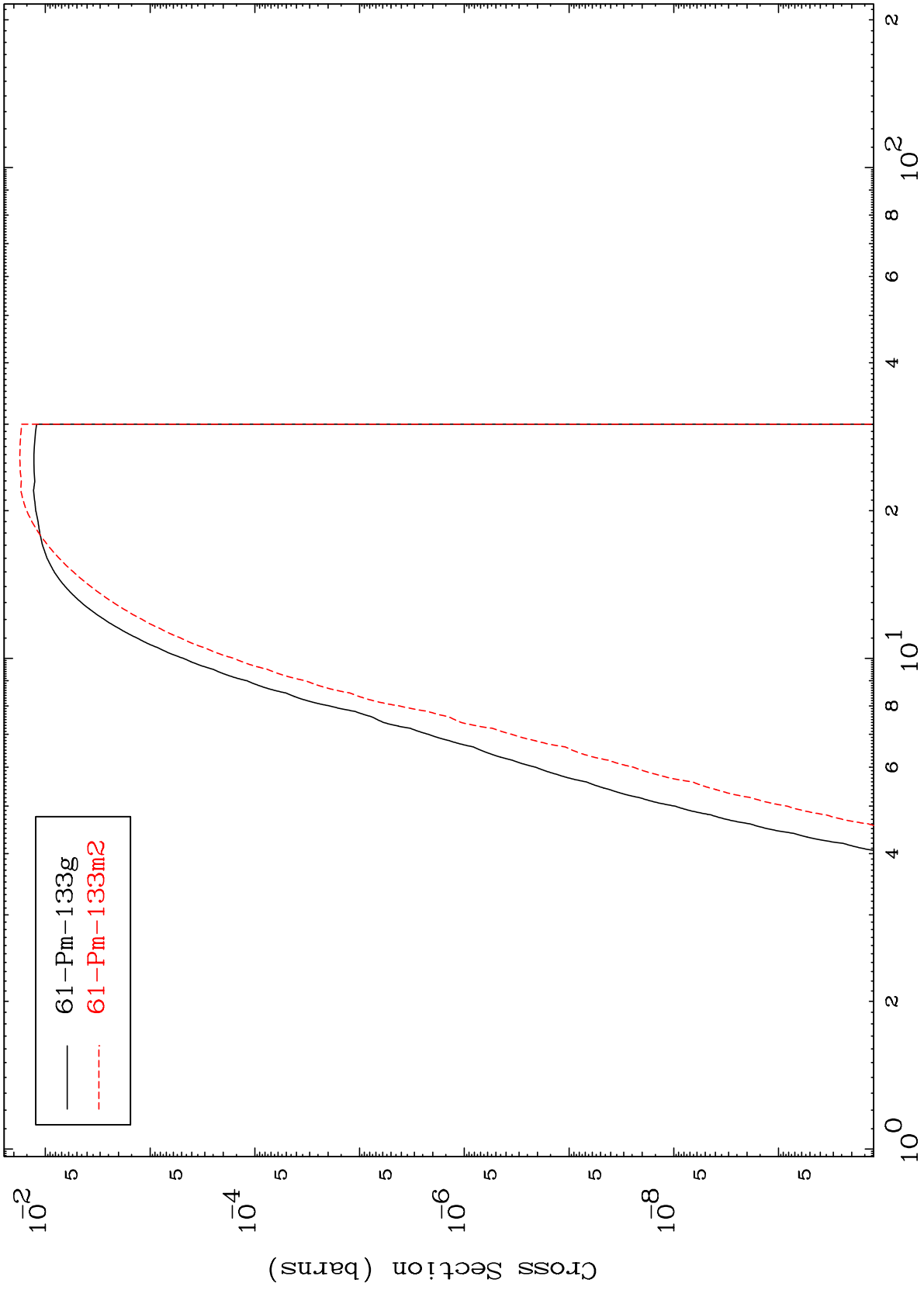


— 61-Pm-134g  
- - - 61-Pm-134m1

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(n,d)  
Radionuclide Production Cross Section

62-Sm-134



61-Pm-133g  
61-Pm-133m2

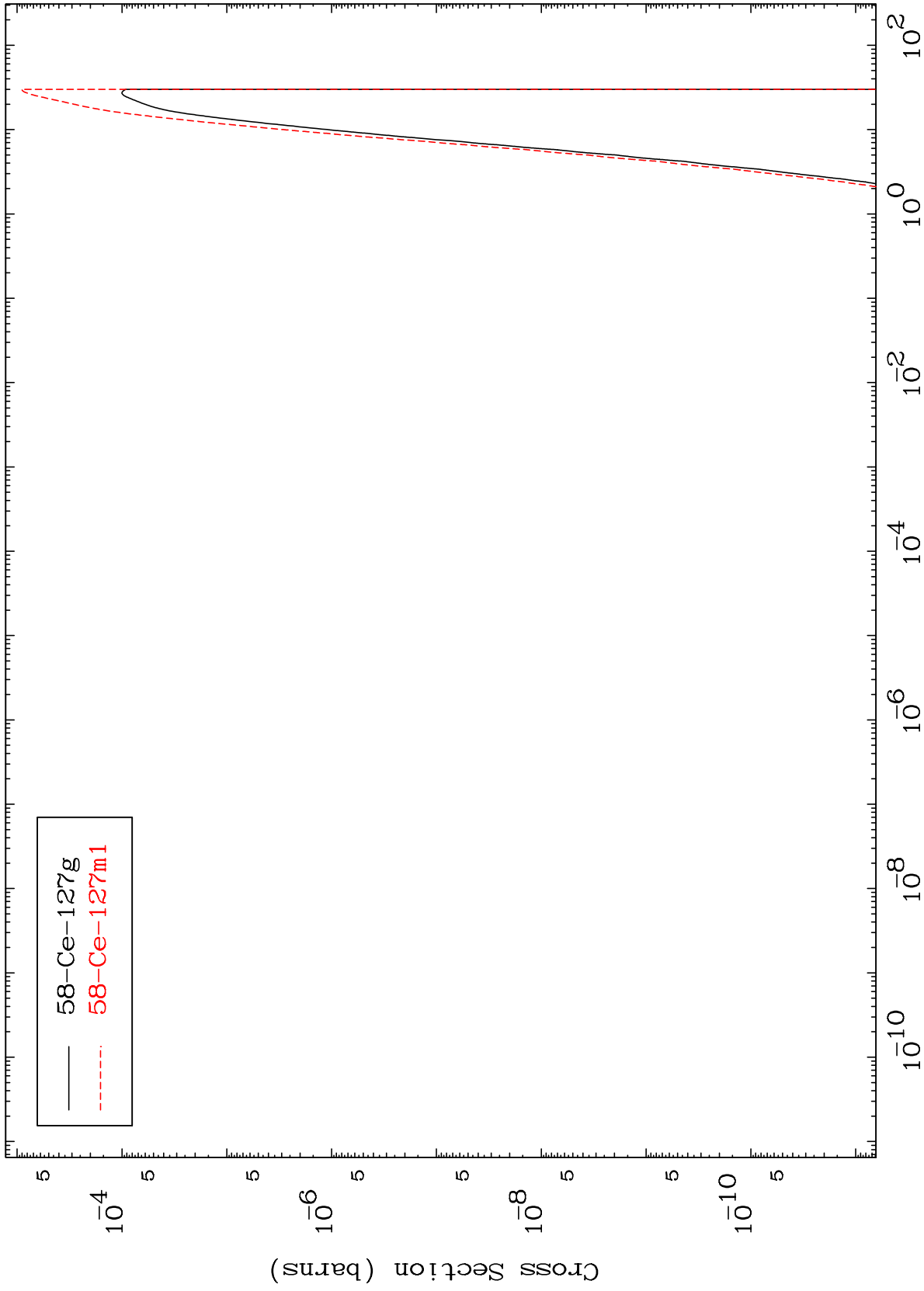
62-Sm-134

MAT 6195

(n,2α)

62-Sm-134

Radionuclide Production Cross Section

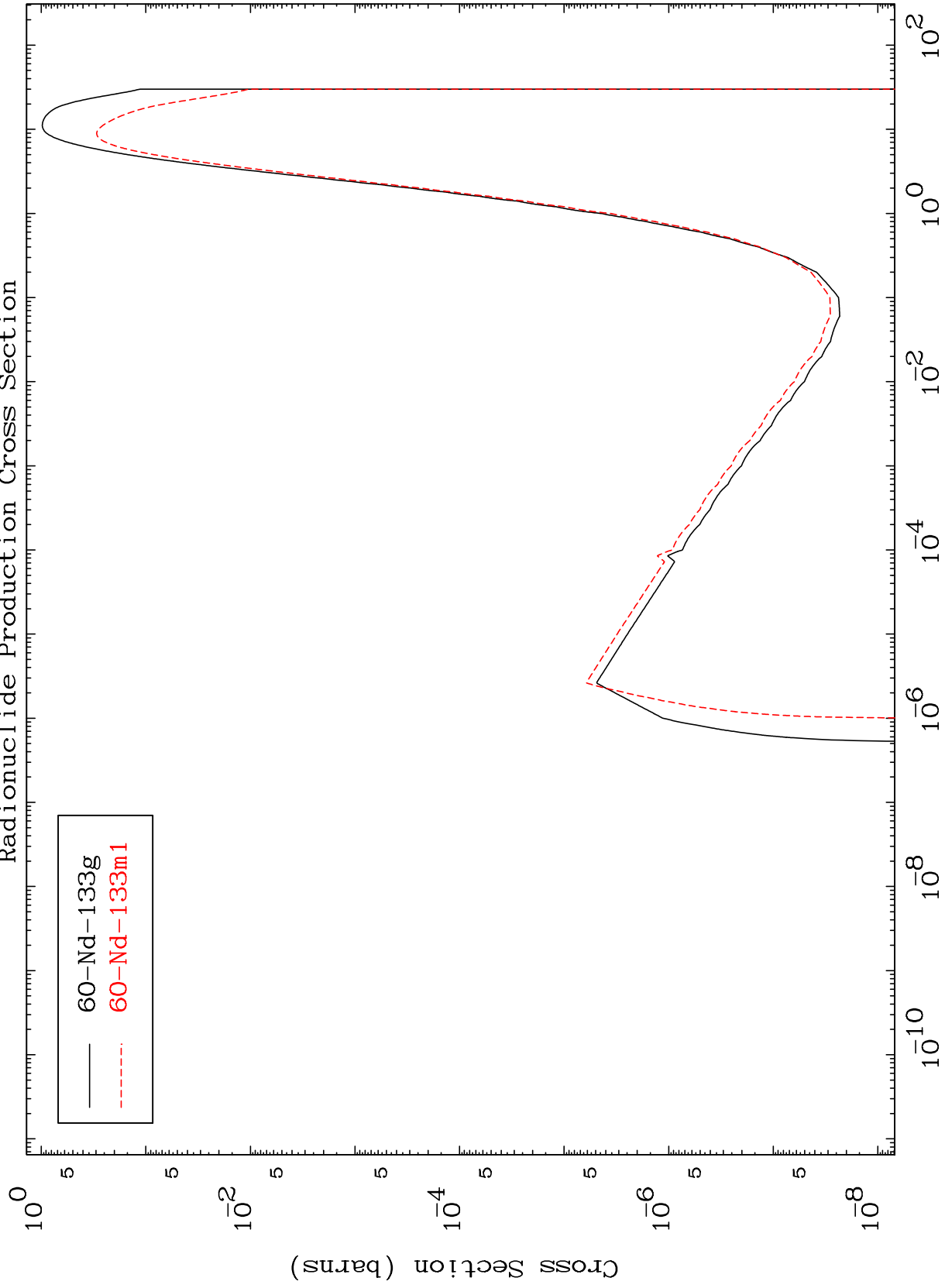




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Radionuclide Production Cross Section  
(n,2p)

62-Sm-134



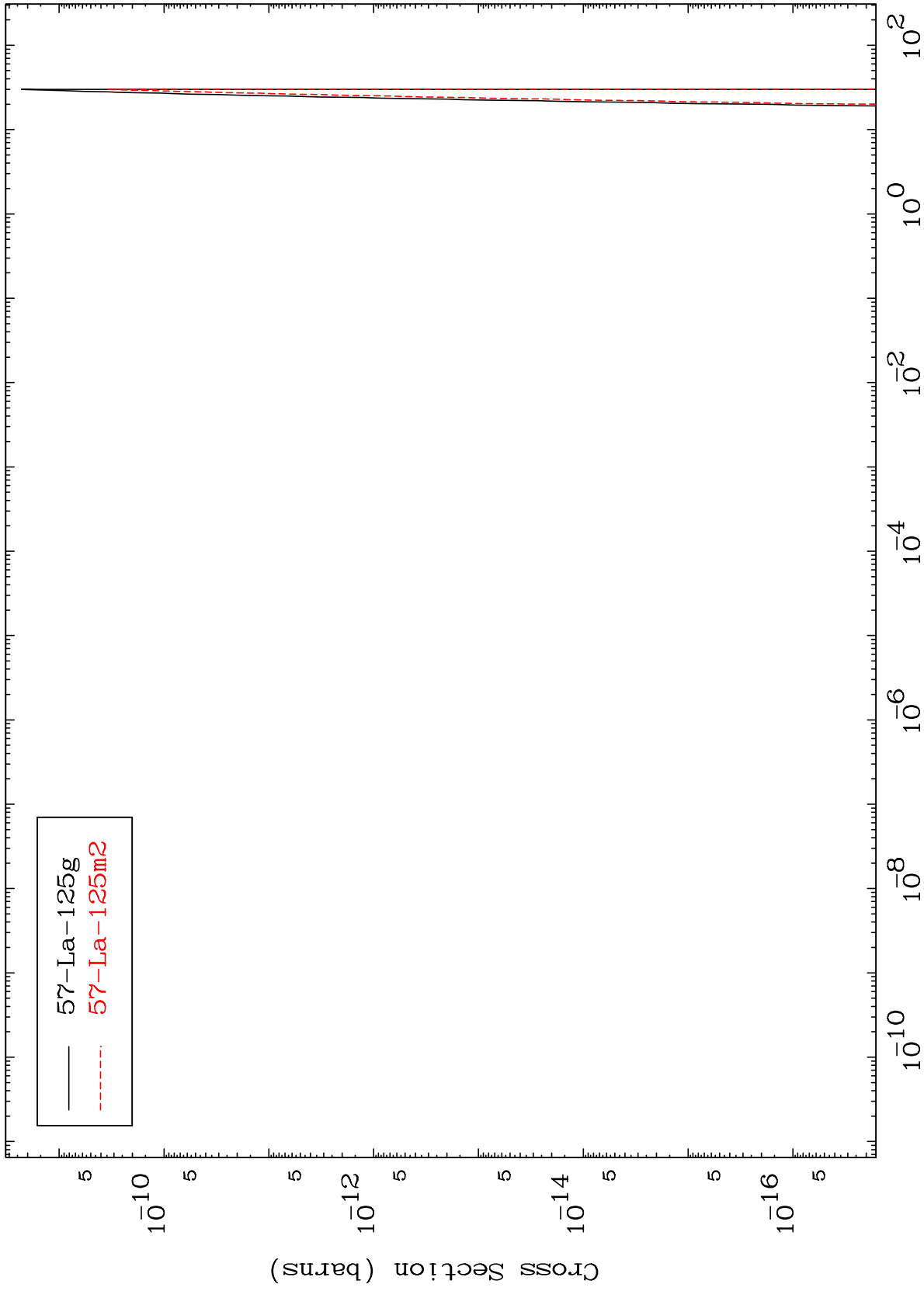
60-Nd-133g  
60-Nd-133m1

MAT 6195

(n,d)  $2\alpha$

62-Sm-134

Radionuclide Production Cross Section



33

Incident Energy (MeV)

62-Sm-134