

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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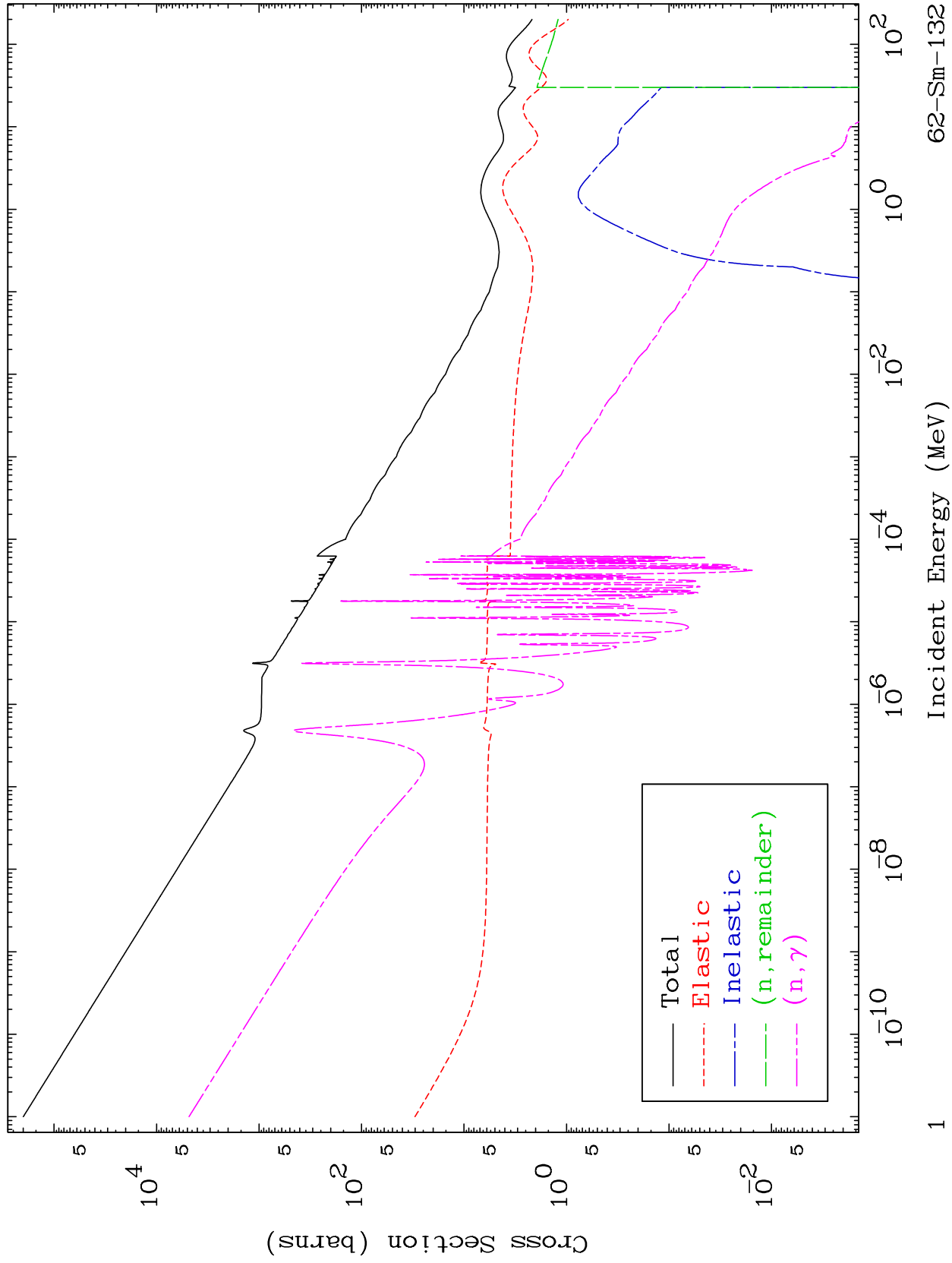
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

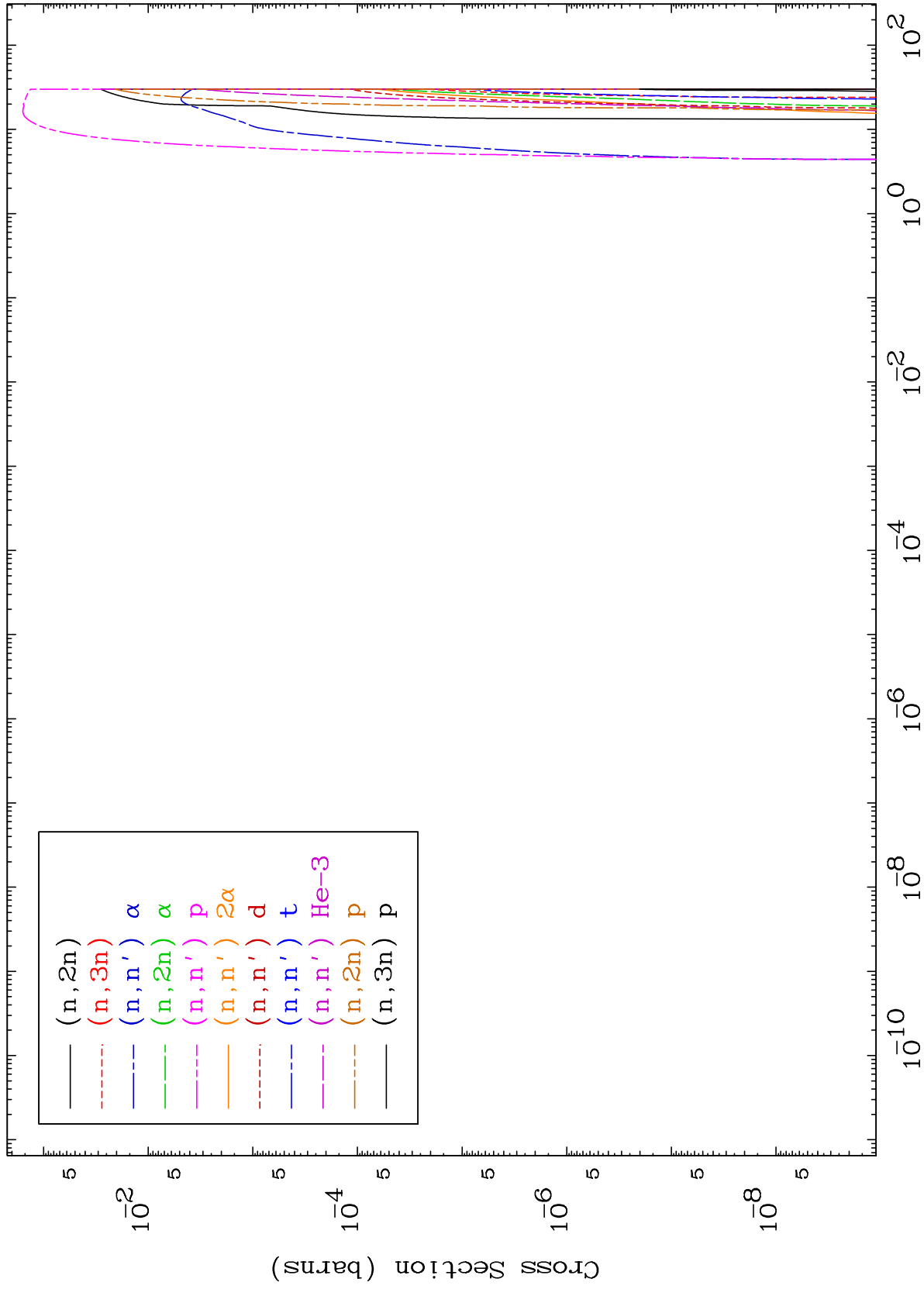
Press Mouse Button to Start

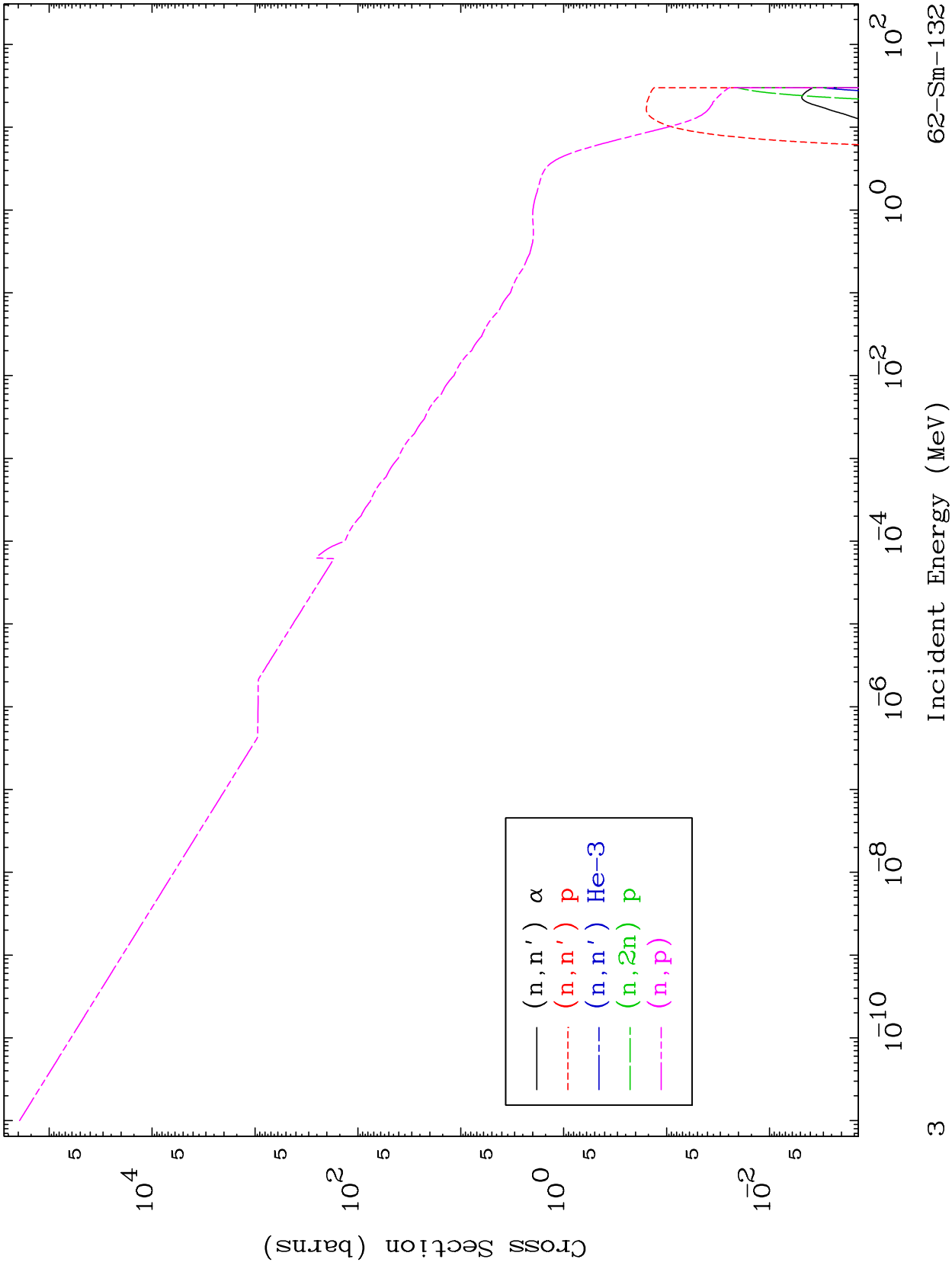
MAT 6189

Major  
293 Kelvin Cross Sections

62-Sm-132



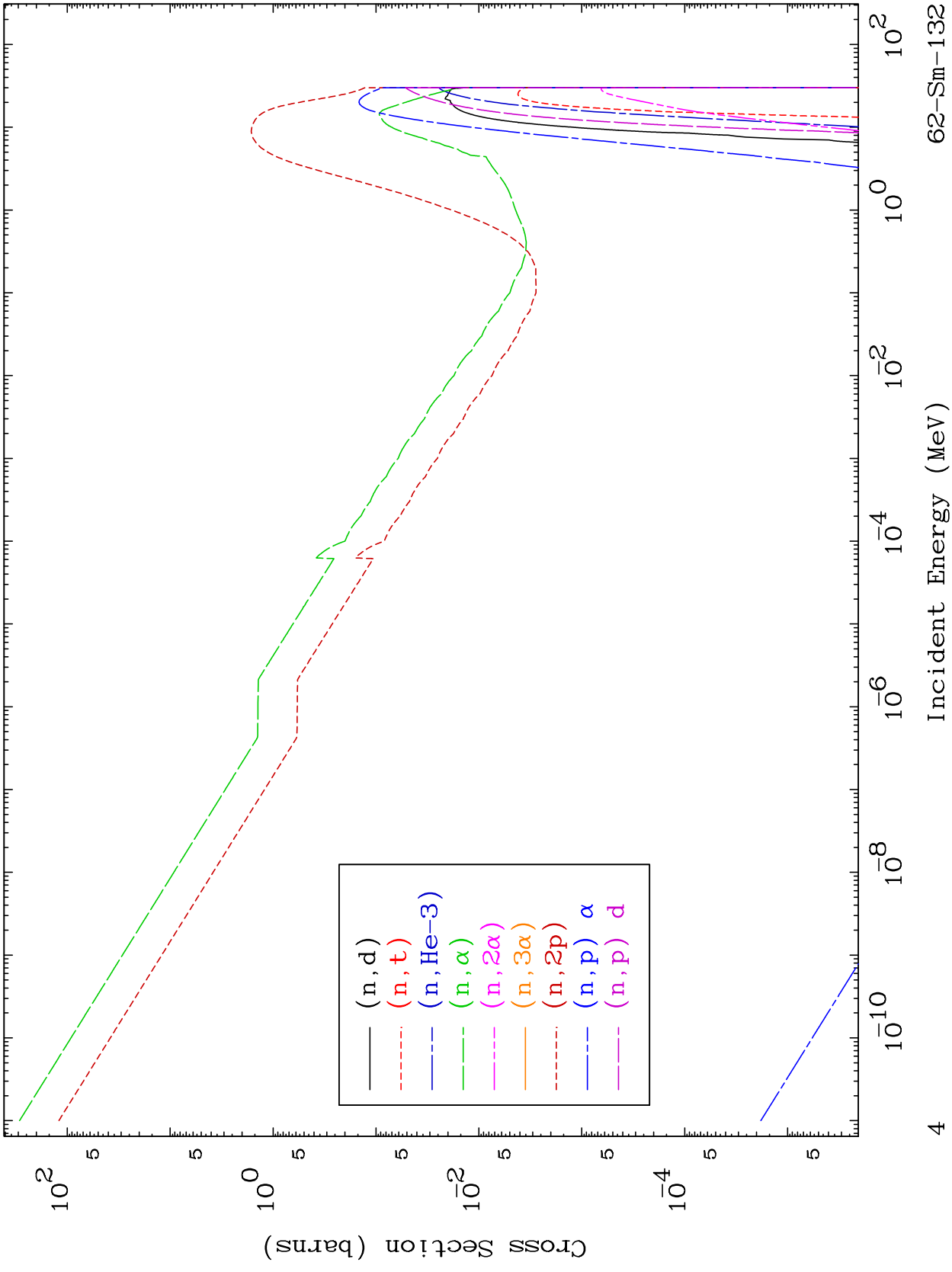




MAT 6189

Charged Particle  
293 Kelvin Cross Sections

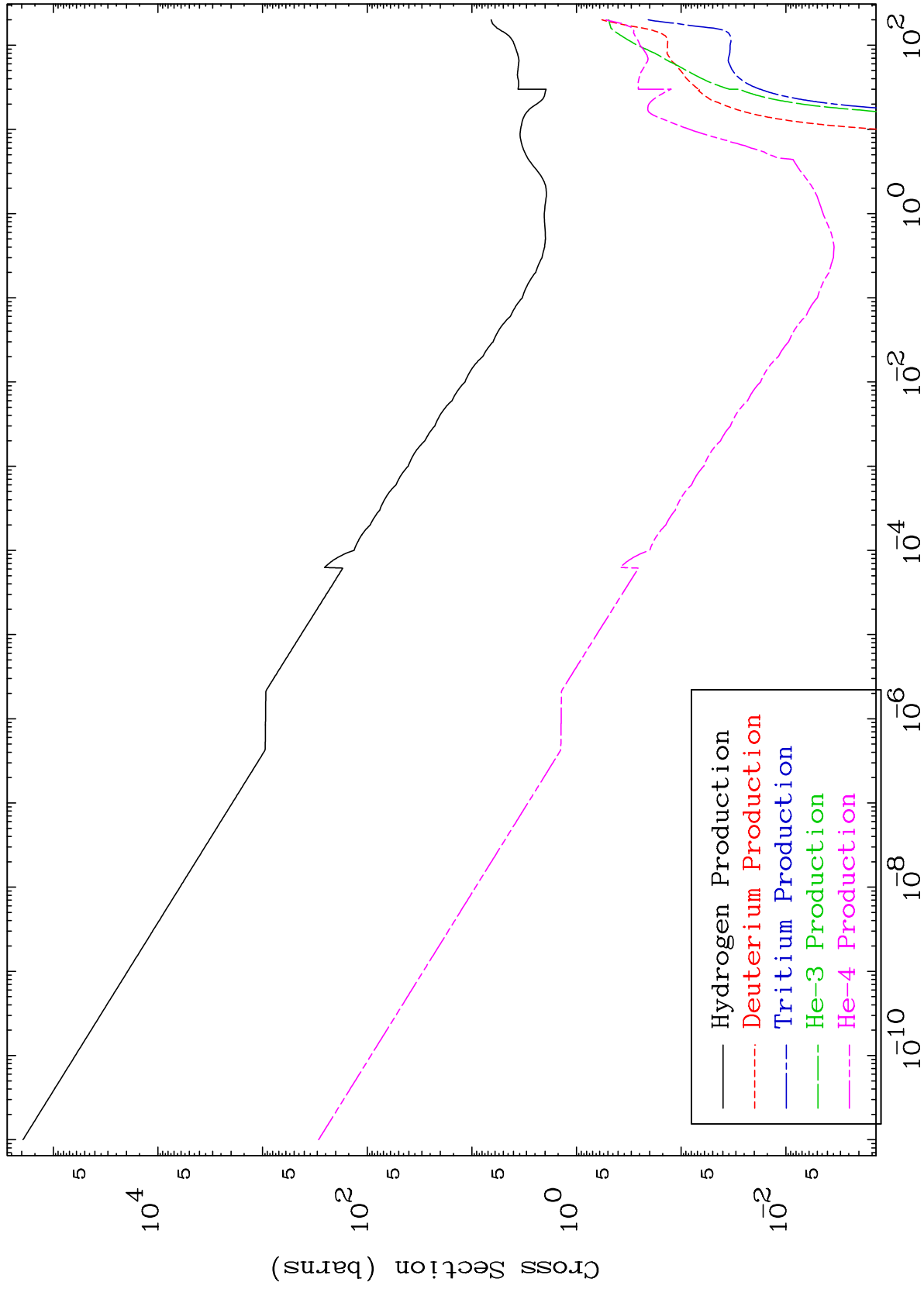
62-Sm-132



MAT 6189

Particle Production  
293 Kelvin Cross Sections

62-Sm-132



5

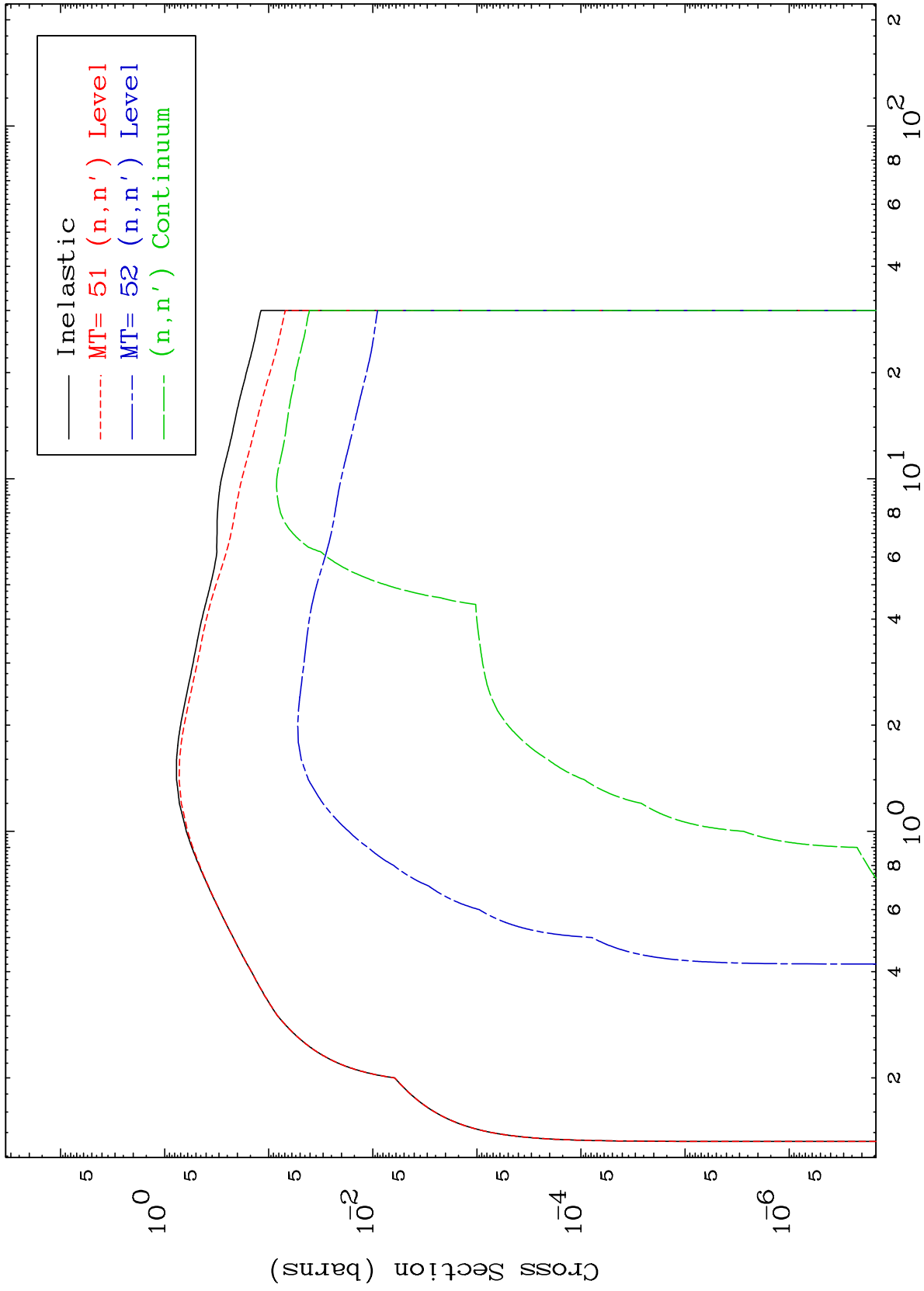
Incident Energy (MeV)

62-Sm-132

MAT 6189

(n,n') Level  
293 Kelvin Cross Sections

62-Sm-132



6

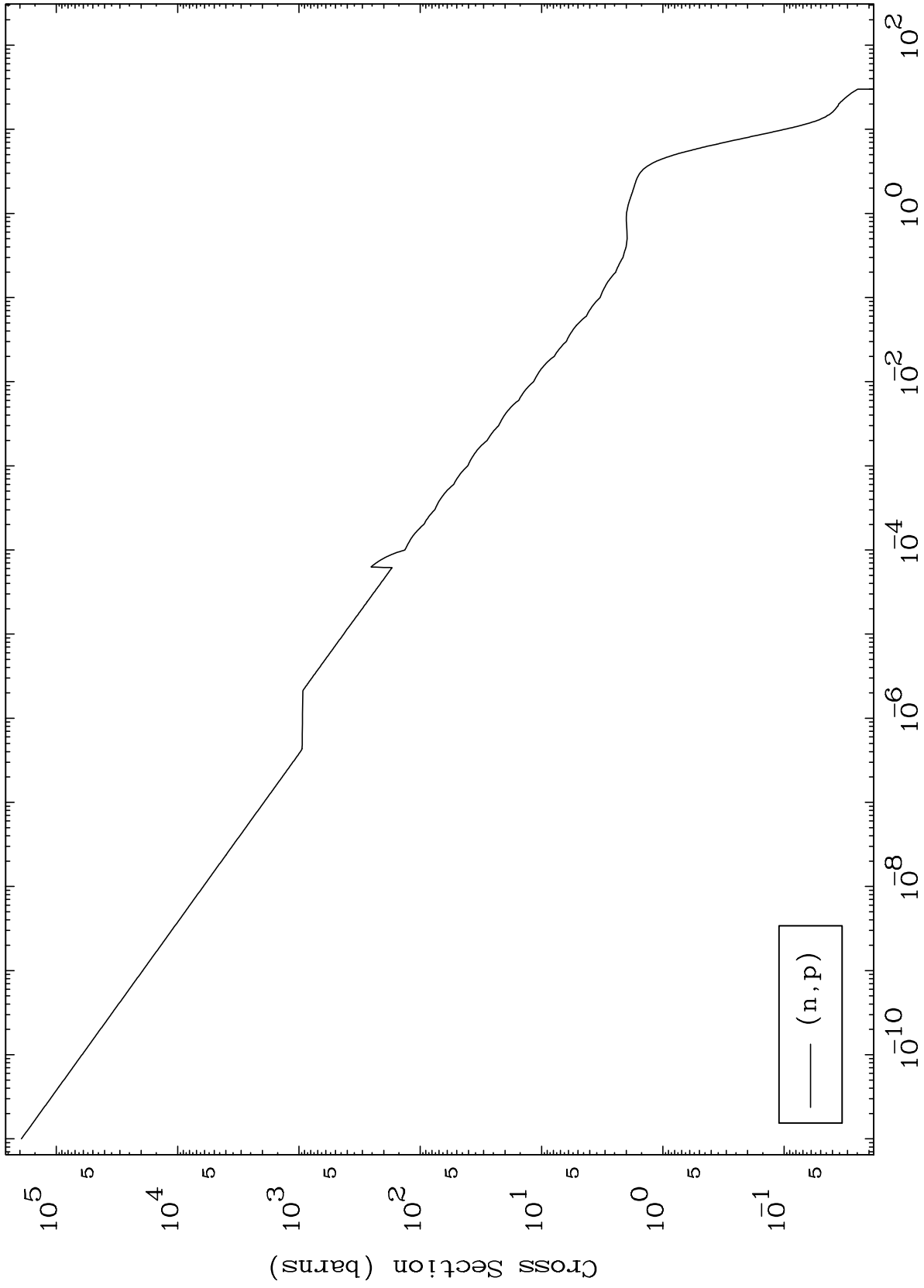
Incident Energy (MeV)

62-Sm-132

MAT 6189

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-132



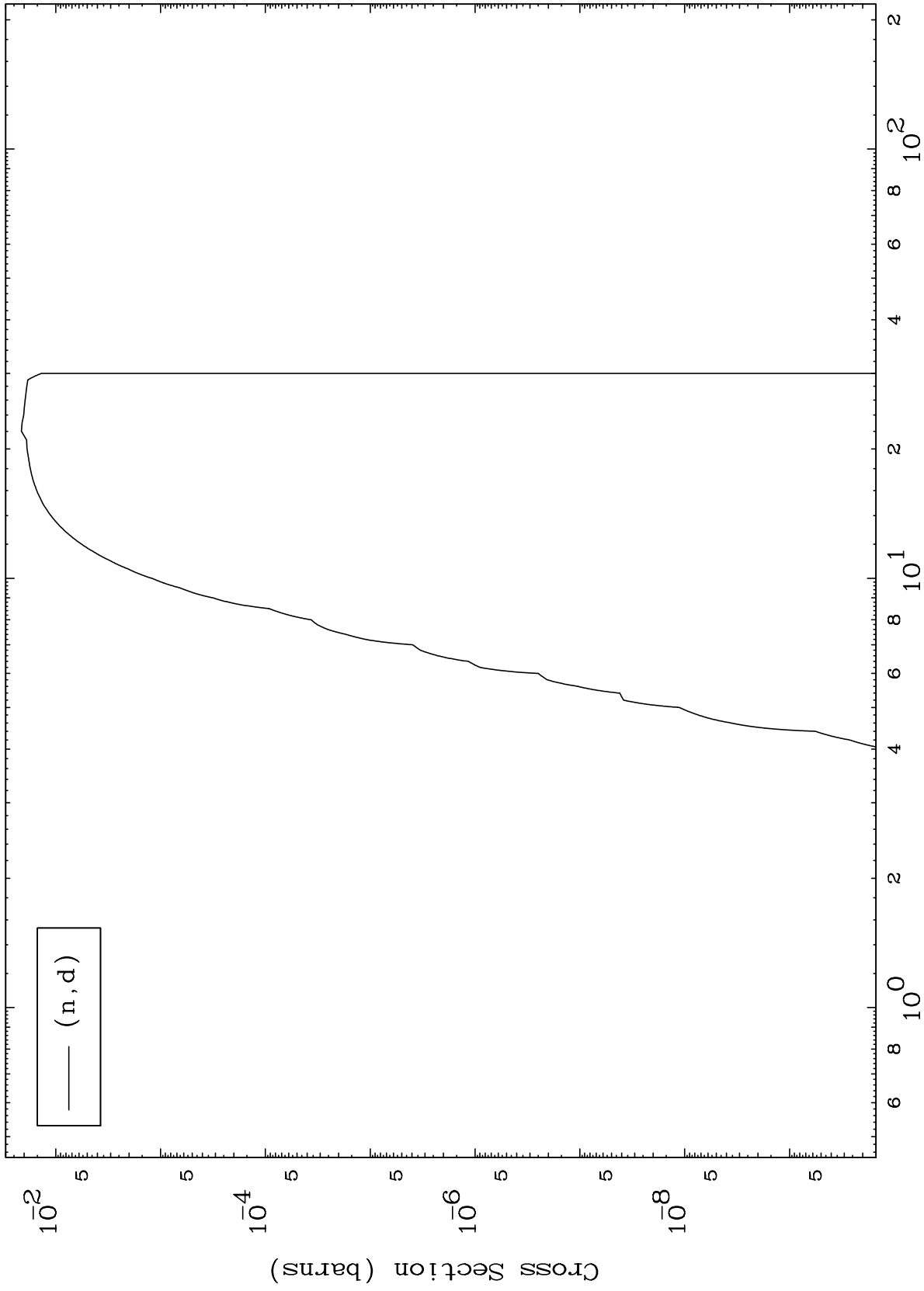
62-Sm-132



MAT 6189

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-132



8

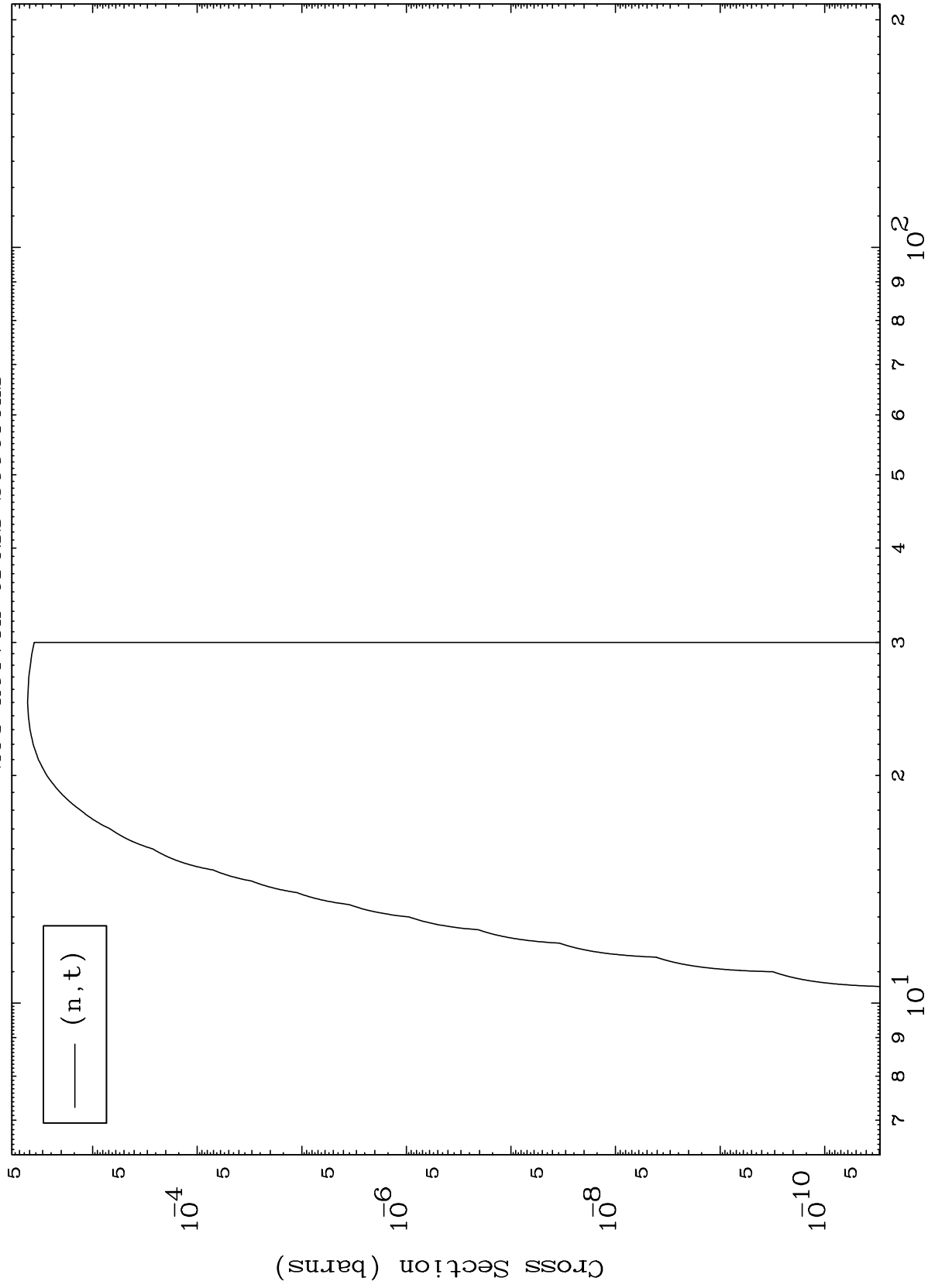
62-Sm-132

62-Sm-132

MAT 6189

(n,t) Levels  
293 Kelvin Cross Sections

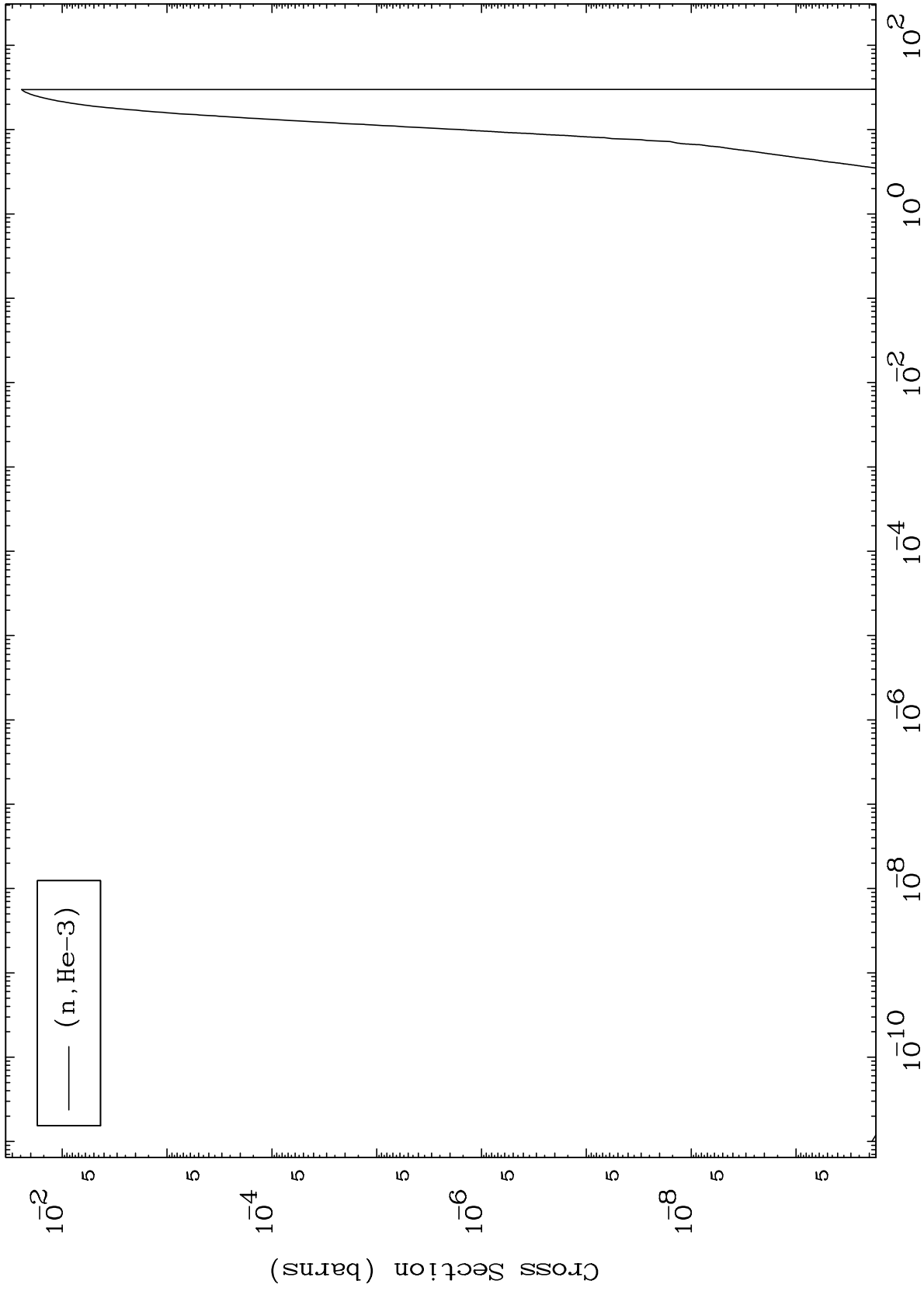
62-Sm-132



MAT 6189

(n,He3) Levels  
293 Kelvin Cross Sections

62-Sm-132



10

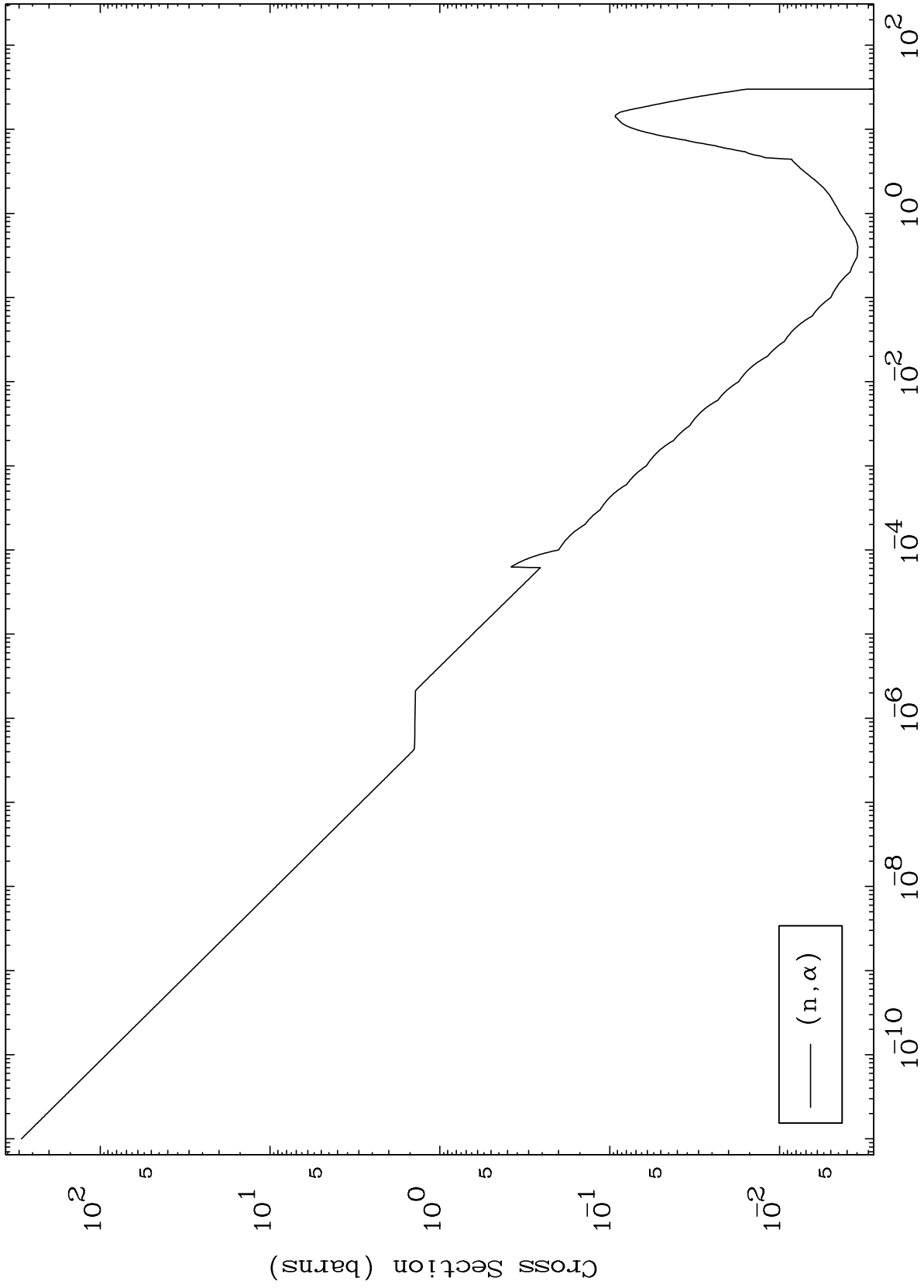
Incident Energy (MeV)

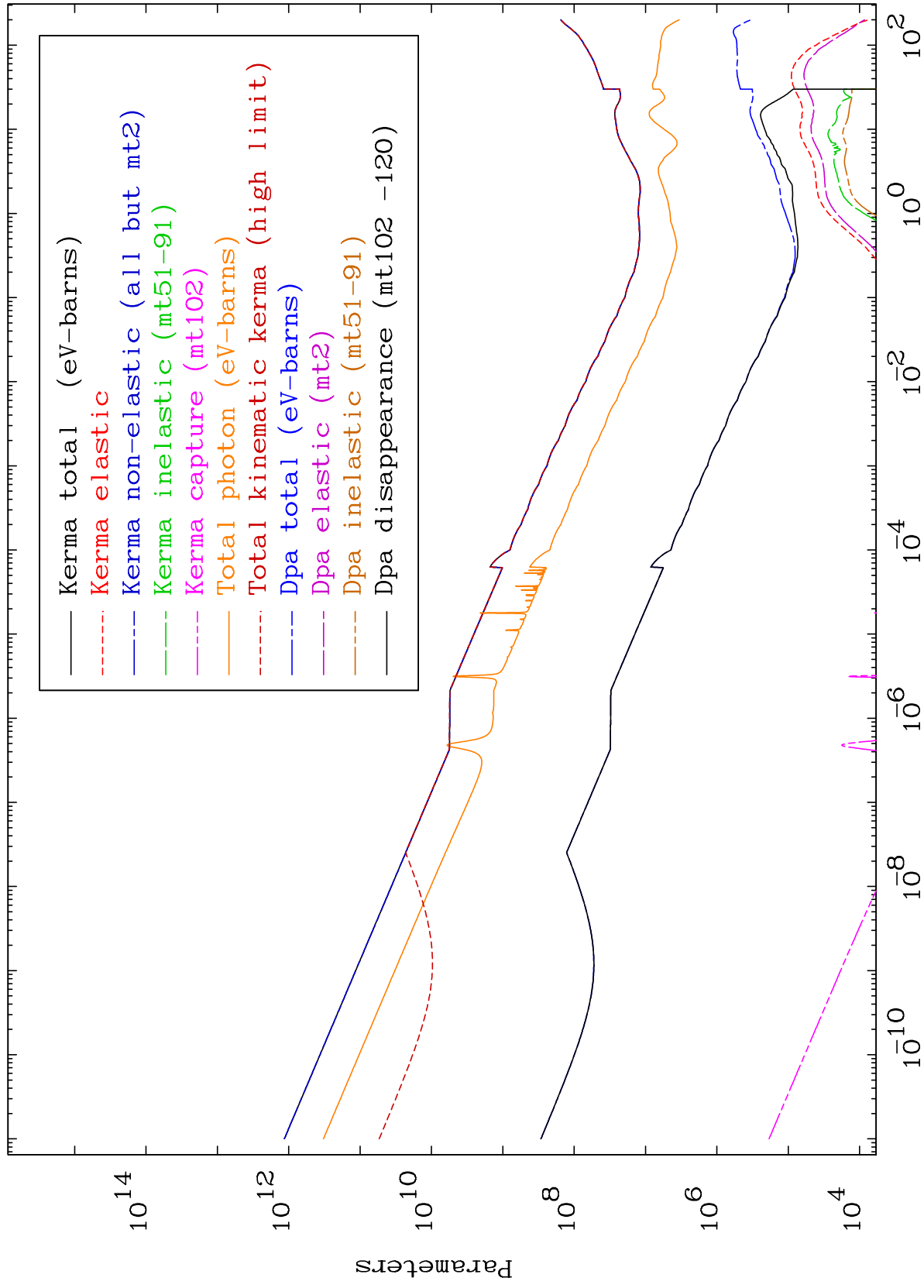
62-Sm-132

MAT 6189

(n,α) Levels  
293 Kelvin Cross Sections

62-Sm-132

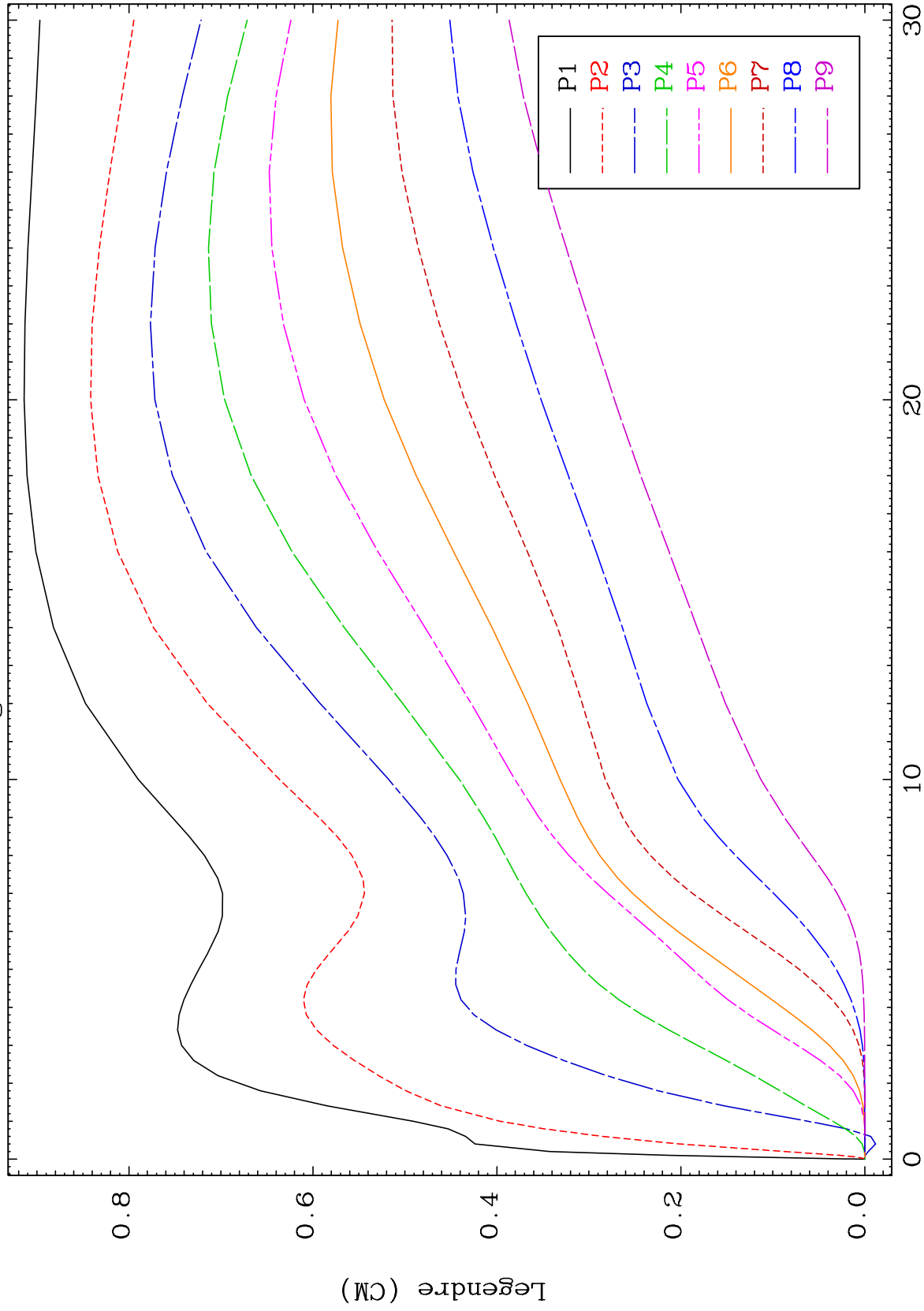




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Elastic Legendre Coefficients

62-Sm-132



13

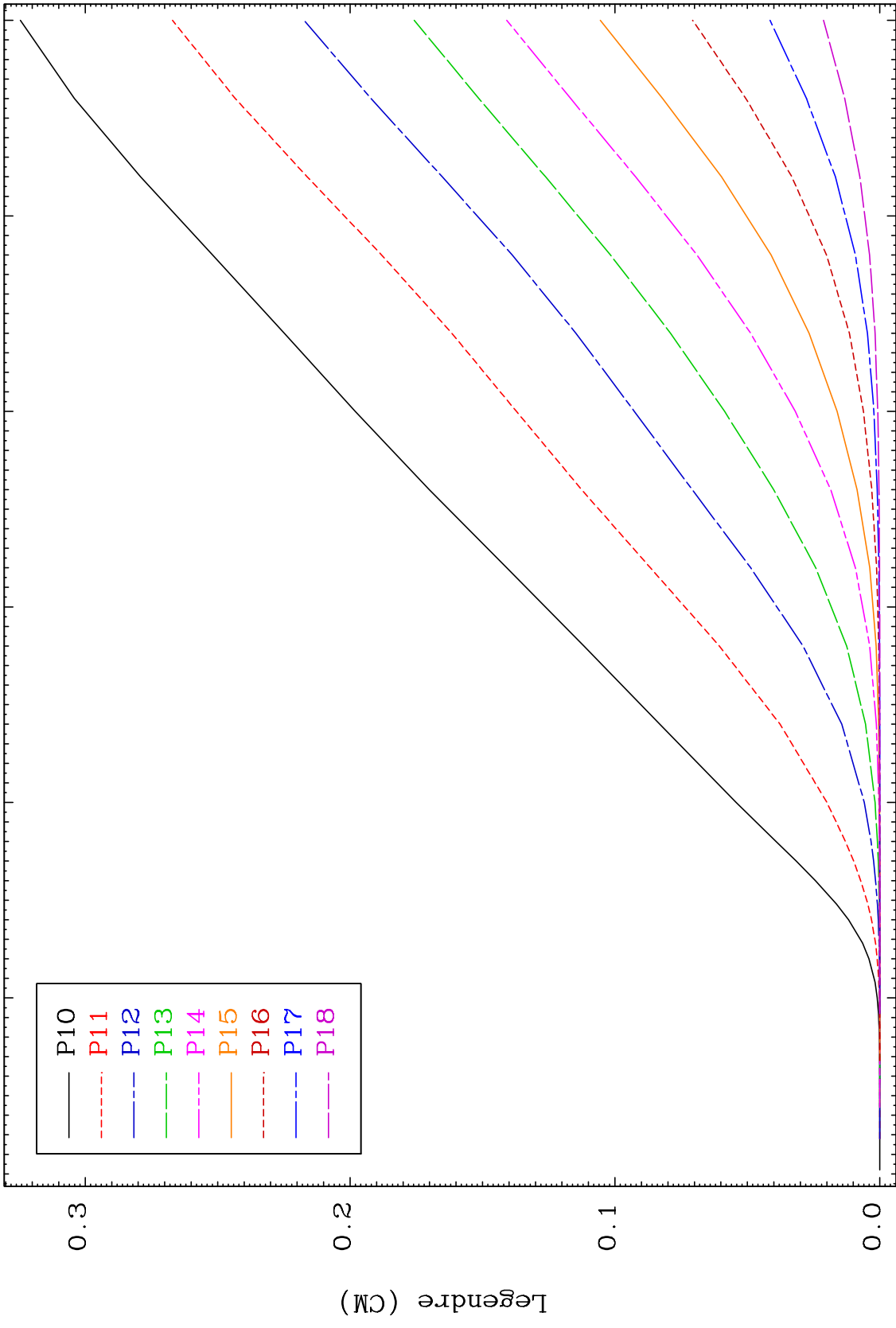
Incident Energy (MeV)

62-Sm-132

MAT 6189

Elastic Legendre Coefficients

62-Sm-132



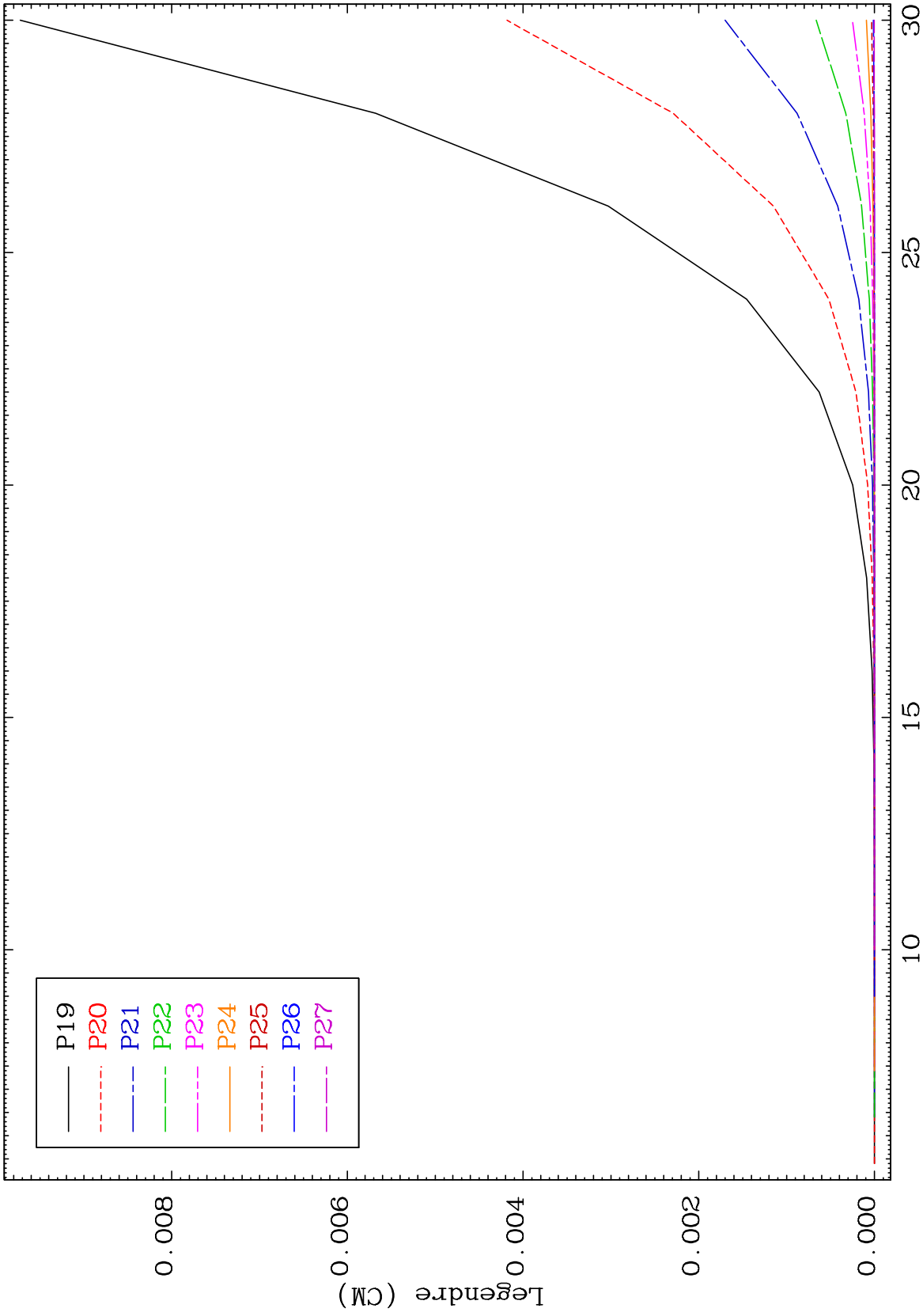
14

62-Sm-132

MAT 6189

### Elastic Legendre Coefficients

62-Sm-132



15

Incident Energy (MeV)

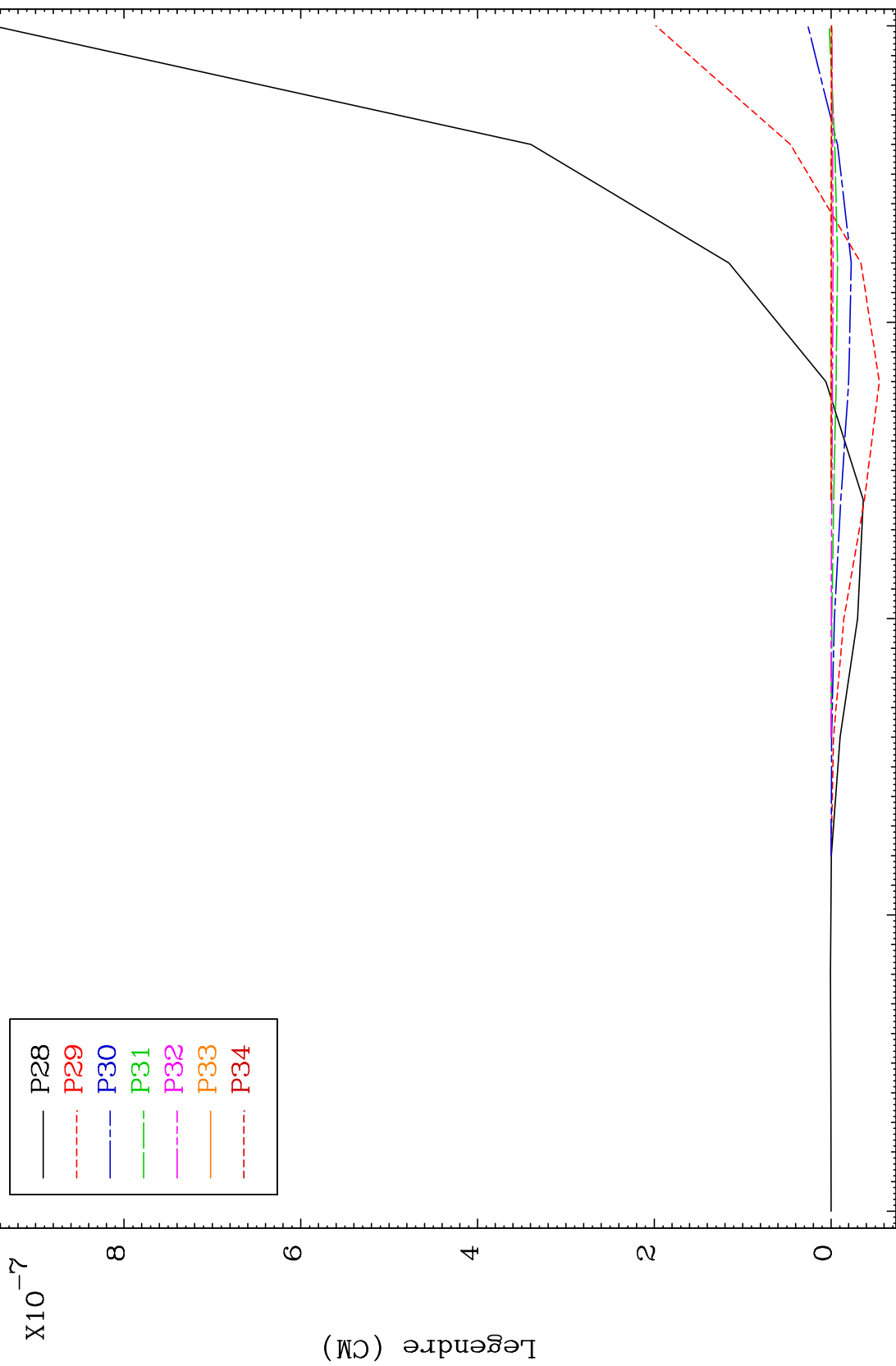
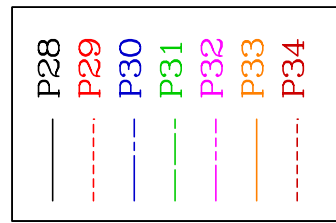
62-Sm-132



MAT 6189

Elastic Legendre Coefficients

62-Sm-132



10

15

20

25

30

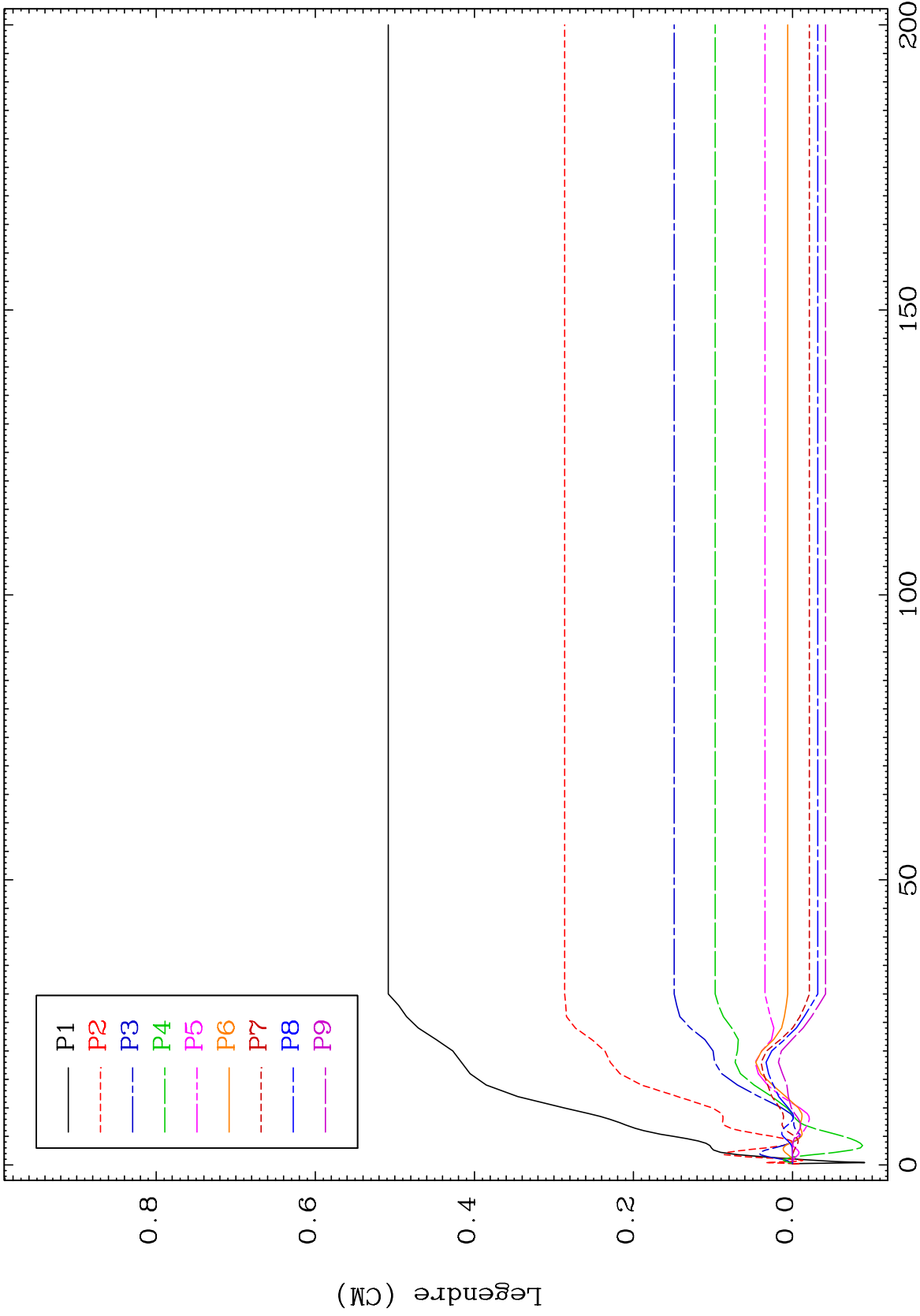
Incident Energy (MeV)

62-Sm-132

MAT 6189

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

62-Sm-132



0

50

100

150

200

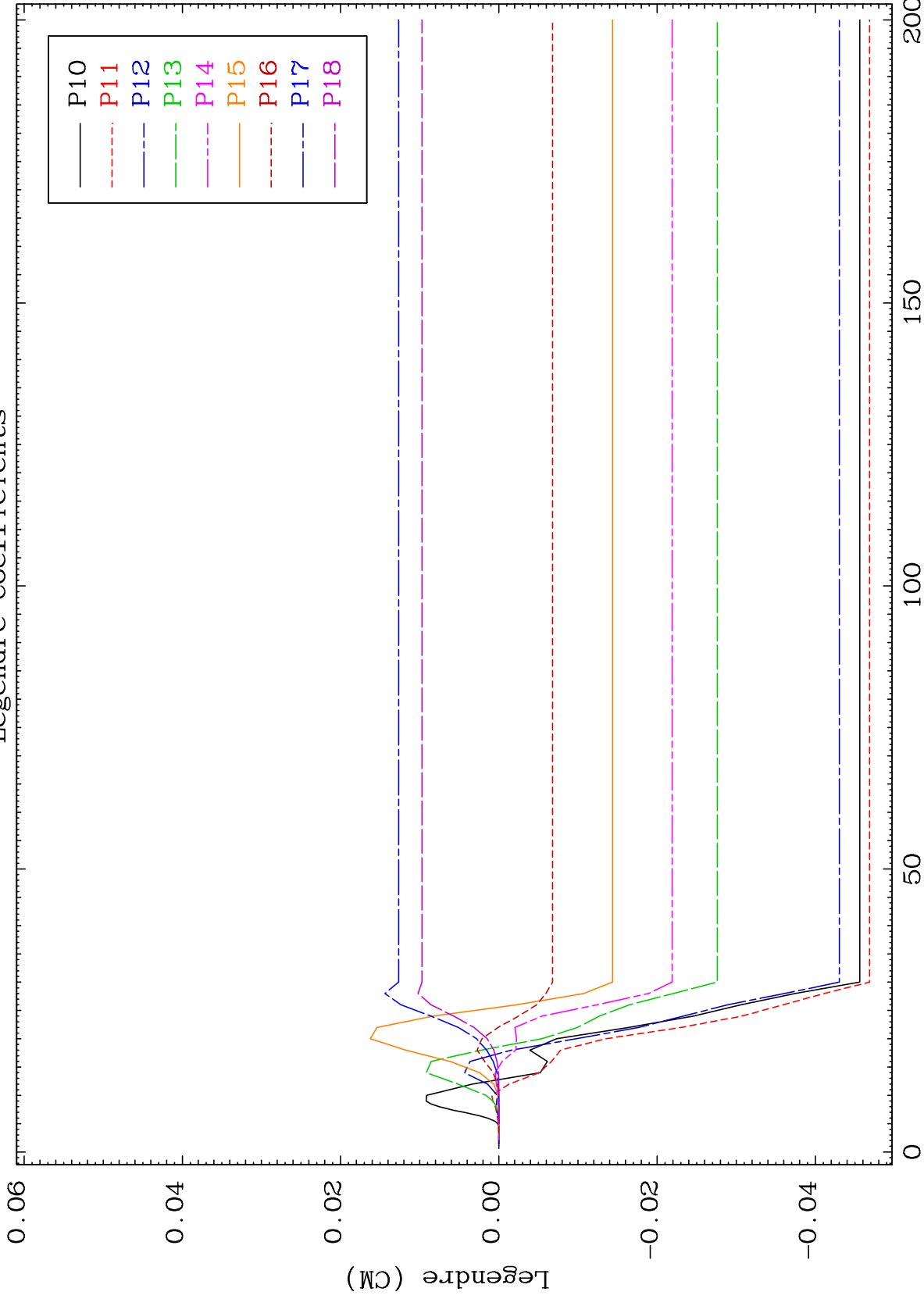
Incident Energy (MeV)

62-Sm-132

MAT 6189

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

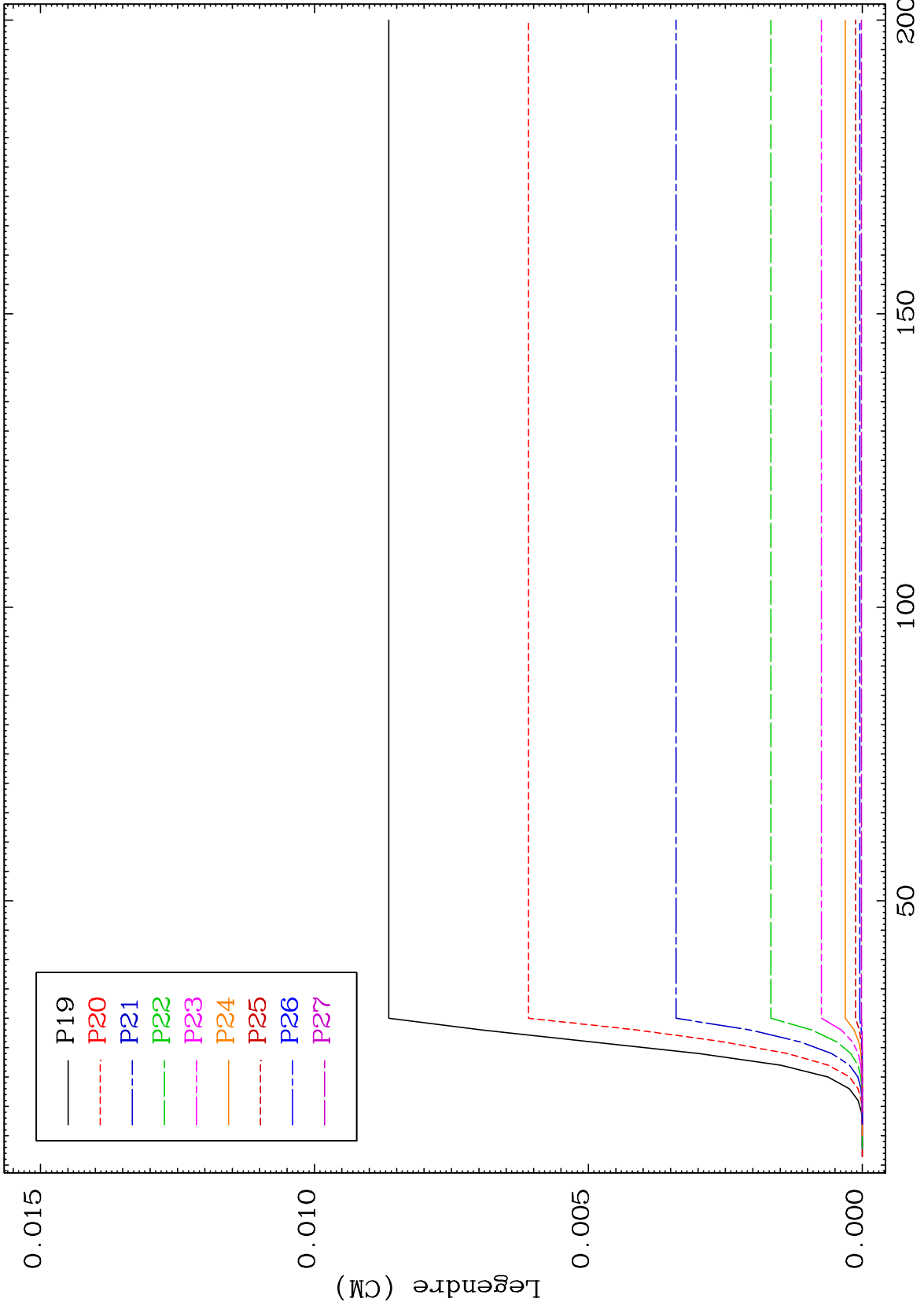
62-Sm-132



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Incident Energy (MeV)

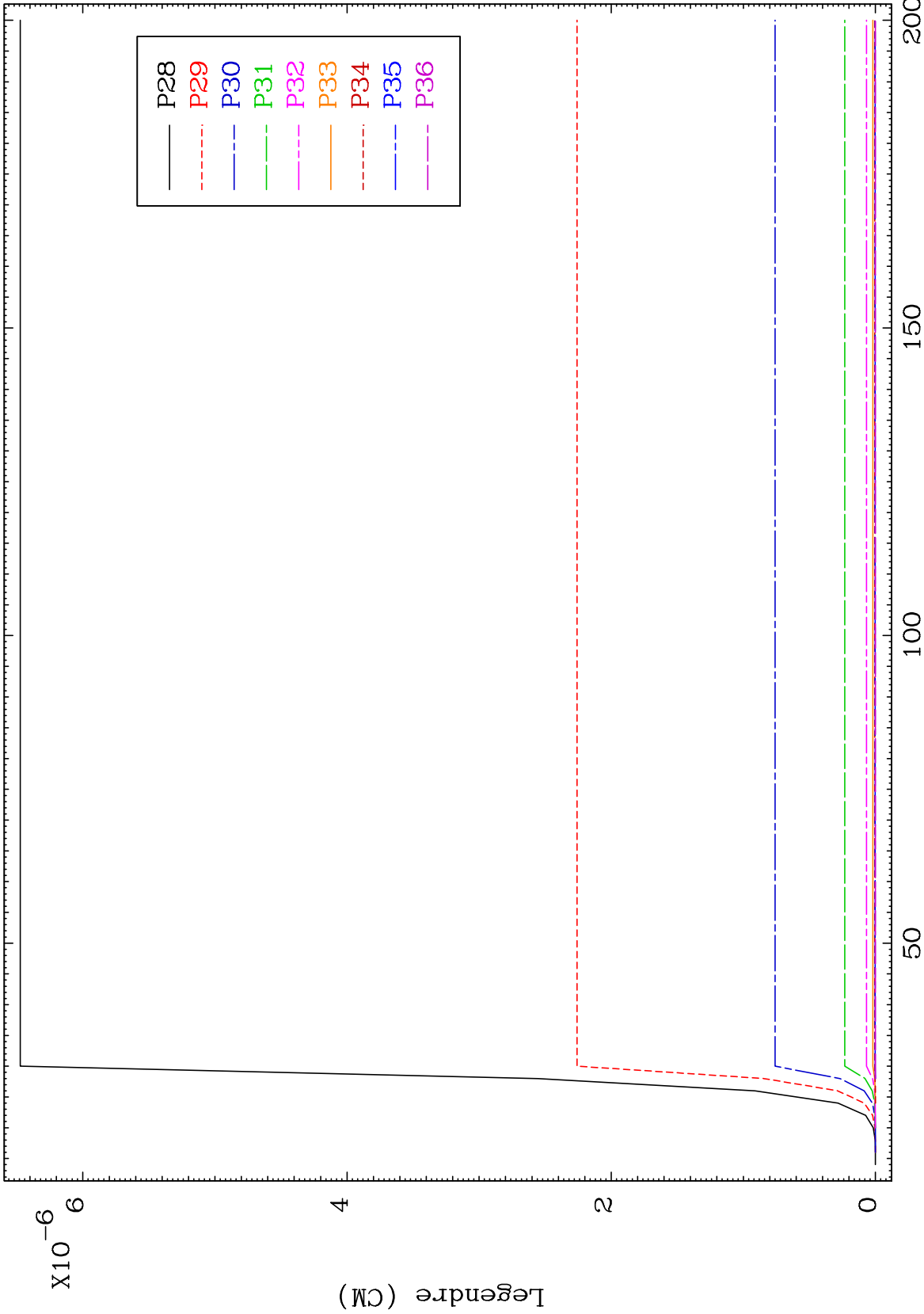
62-Sm-132



MAT 6189

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

62-Sm-132



20

50

100

150

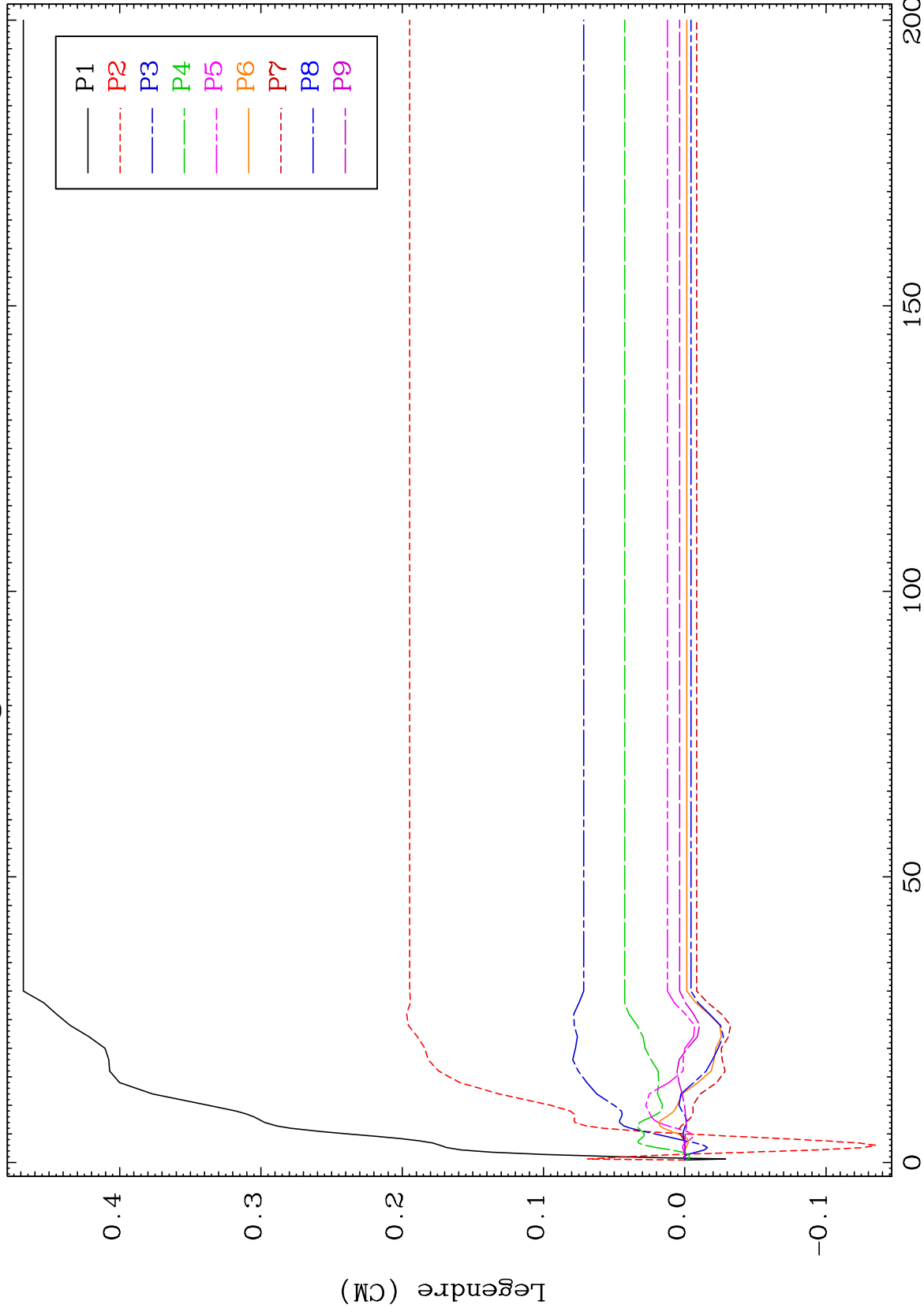
200

62-Sm-132

MAT 6189

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

62-Sm-132



21

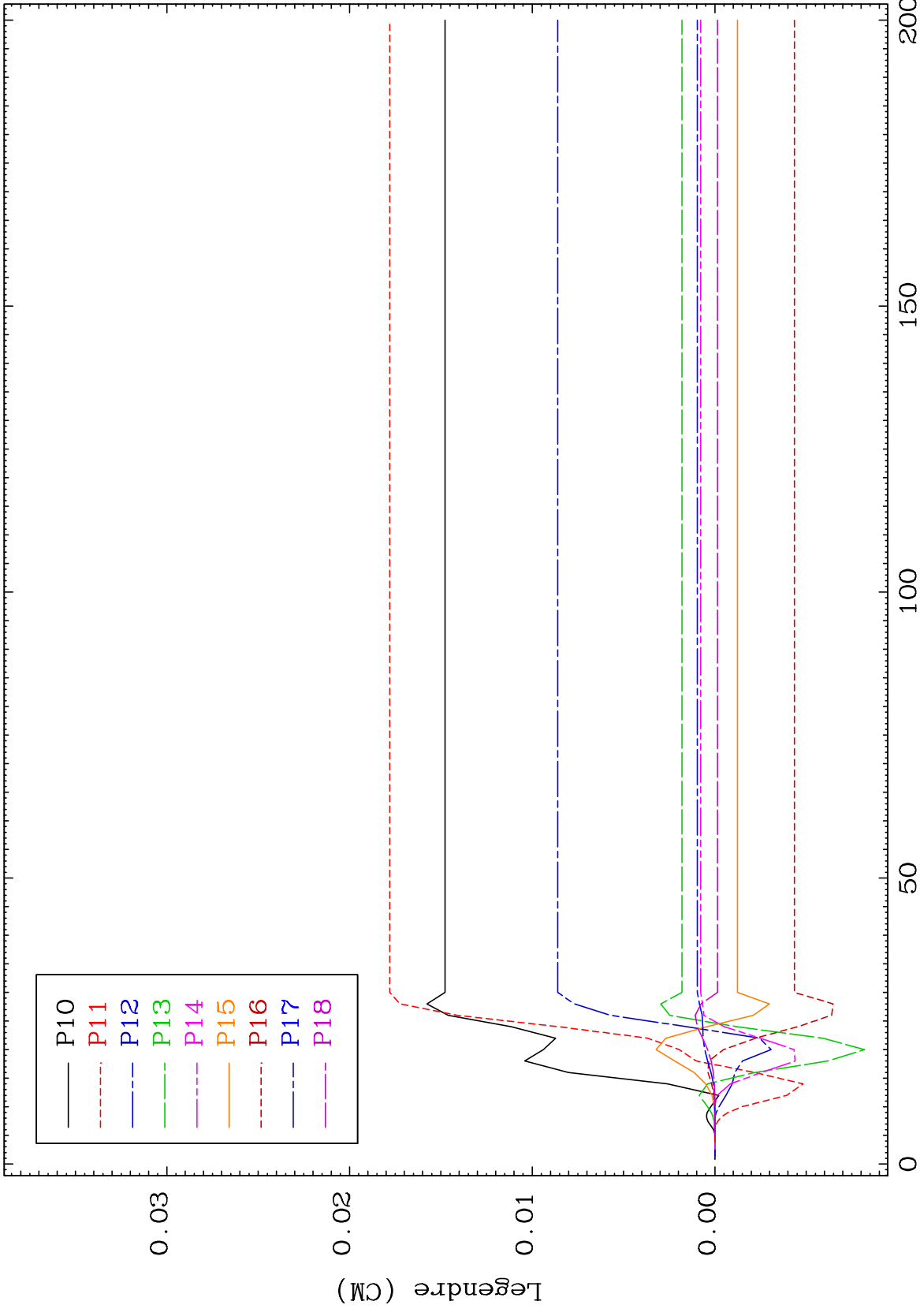
Incident Energy (MeV)

62-Sm-132

MAT 6189

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

62-Sm-132



22

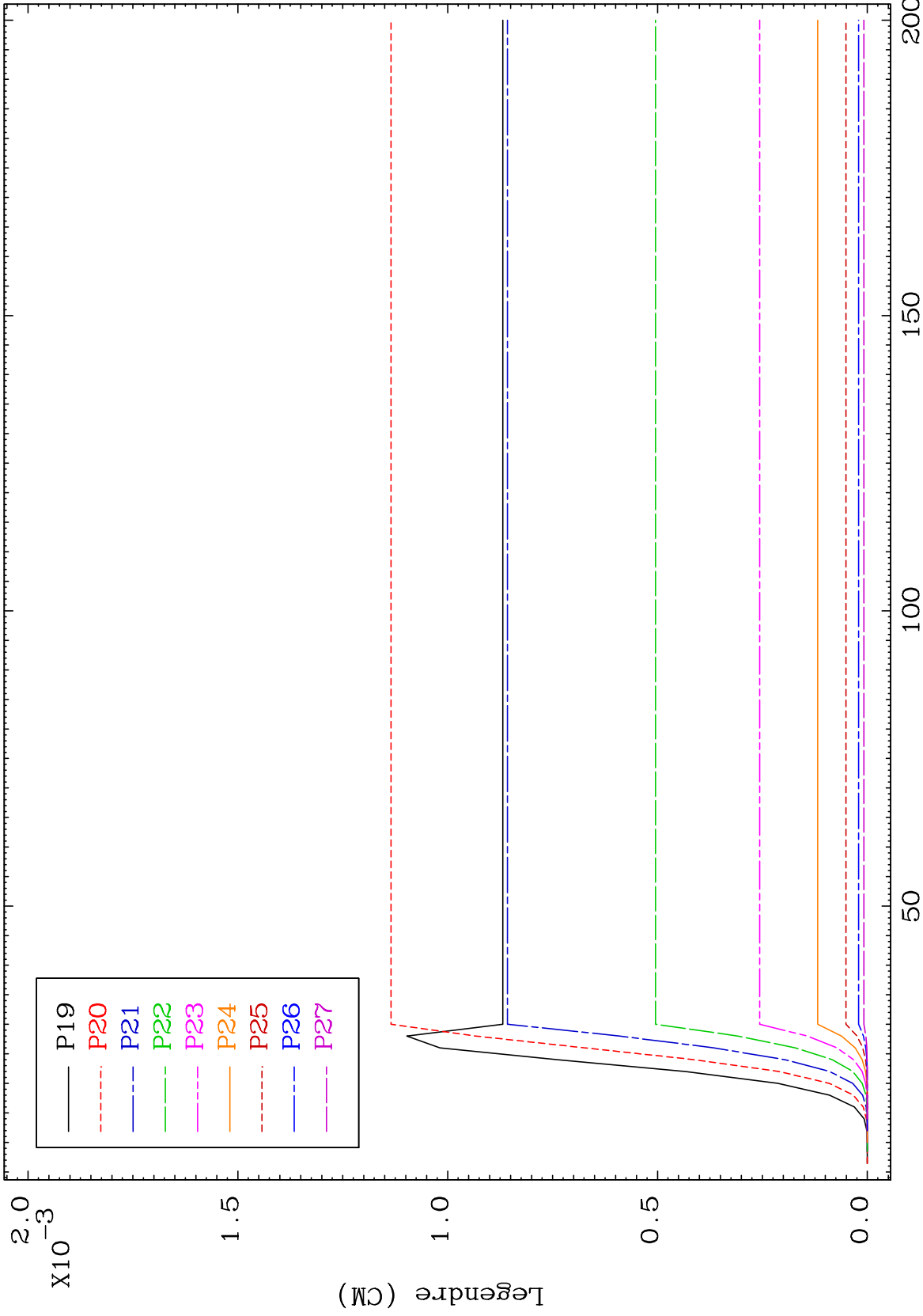
Incident Energy (MeV)

62-Sm-132

MAT 6189

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

62-Sm-132



23

Incident Energy (MeV)

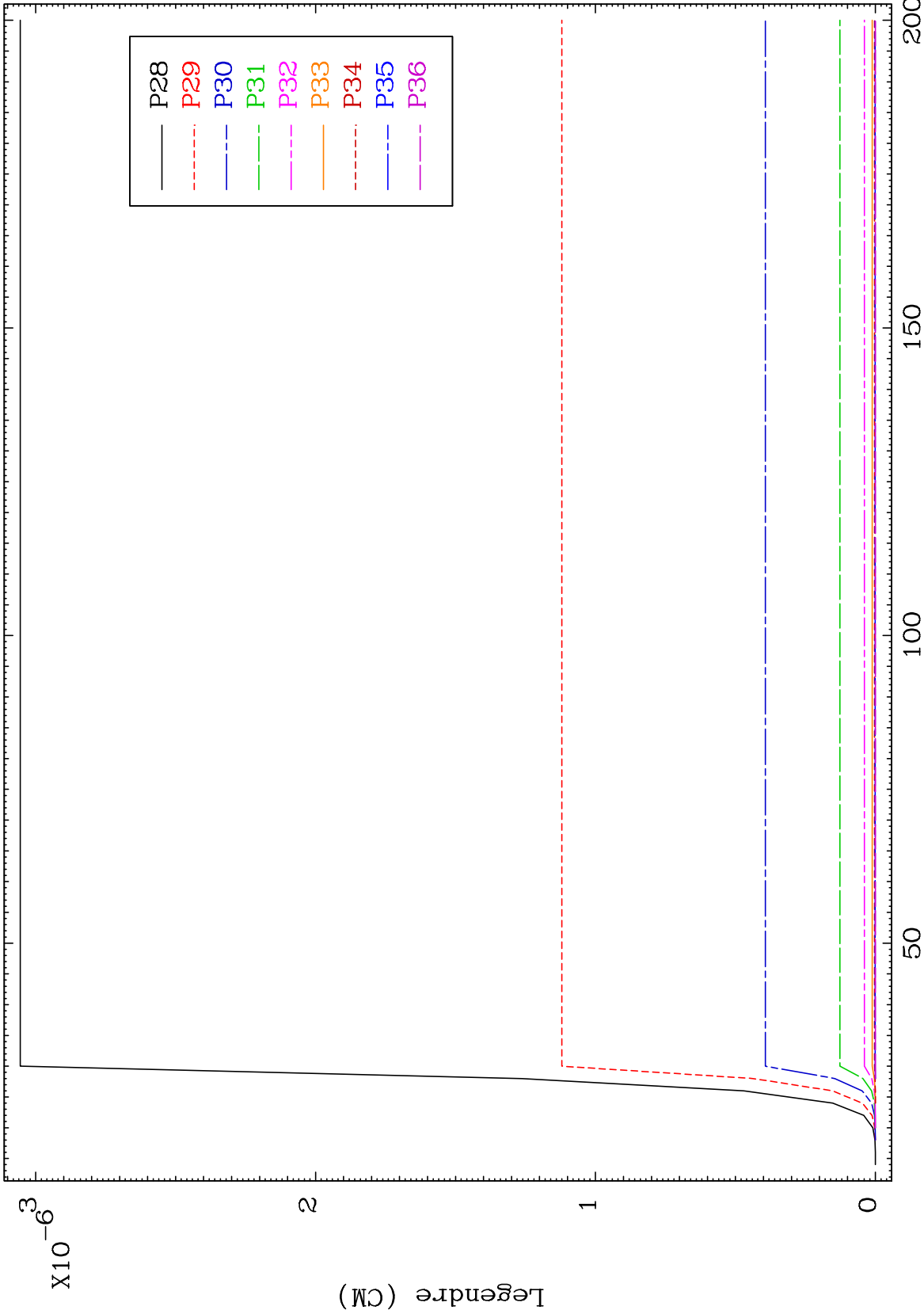
62-Sm-132



MAT 6189

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

62-Sm-132



24

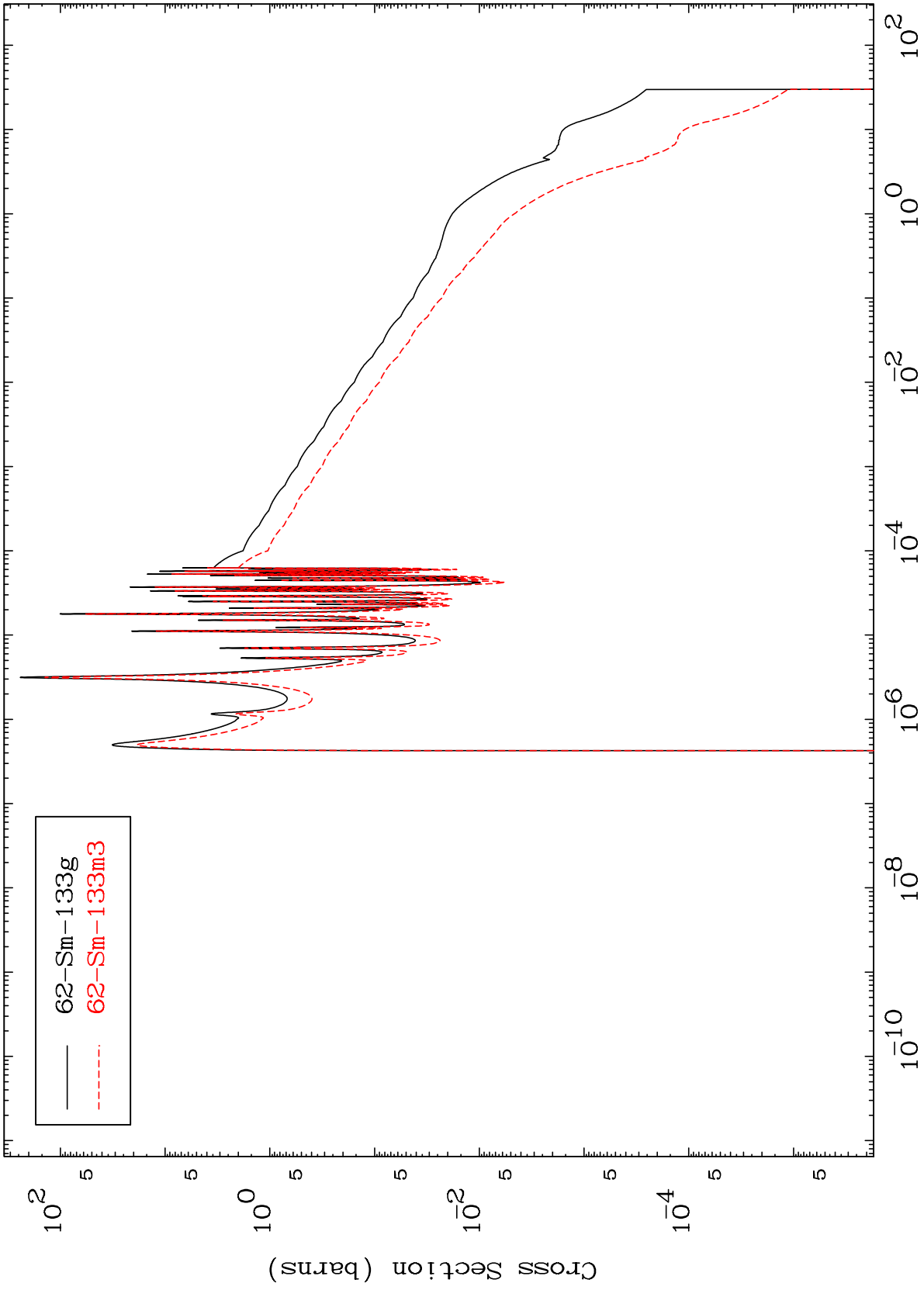
Incident Energy (MeV)

62-Sm-132

MAT 6189

62-Sm-132

Radionuclide Production Cross Section



25

62-Sm-132