

Program EVALPLOT  
(Version 2018-1)

by

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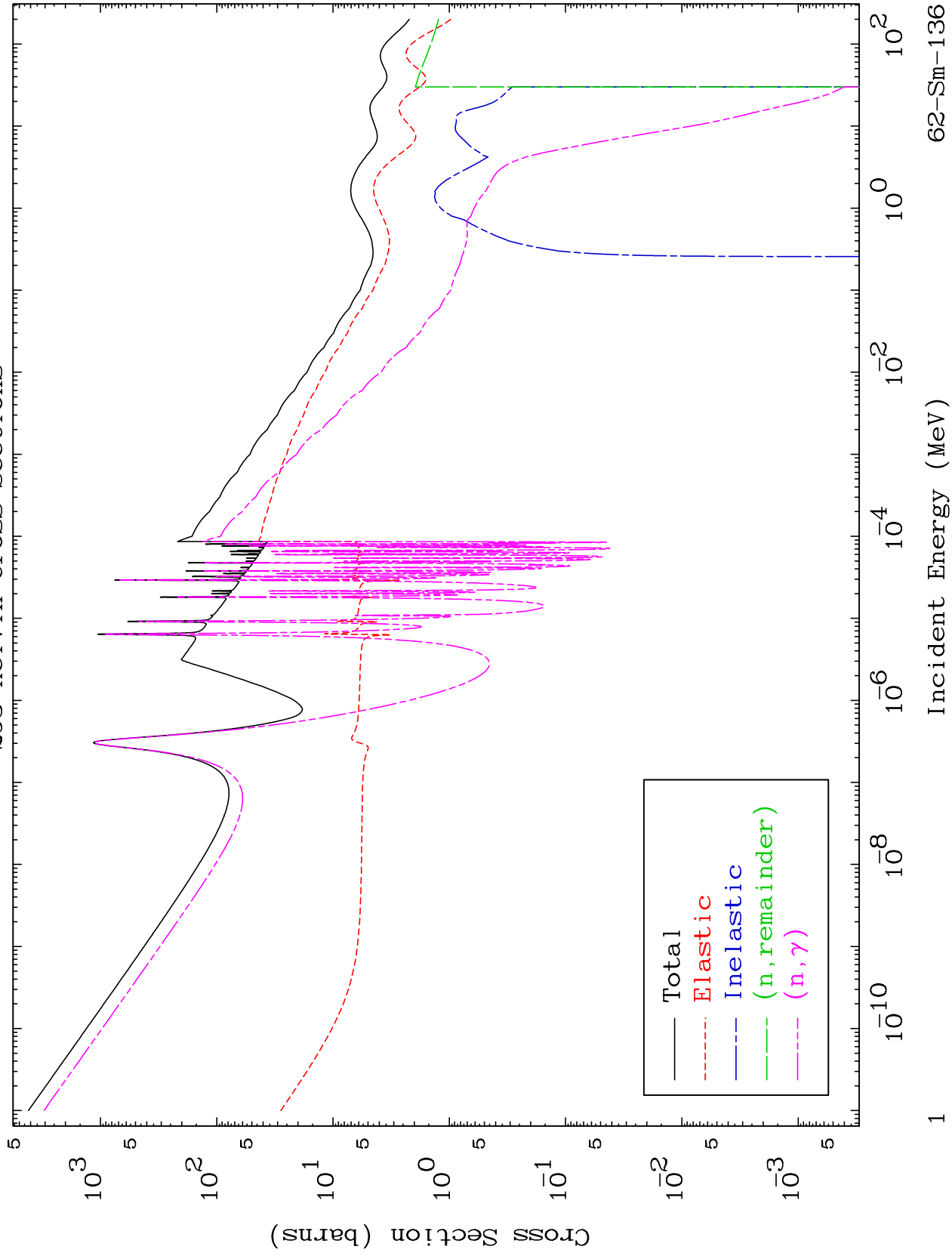
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6201

Major  
293 Kelvin Cross Sections

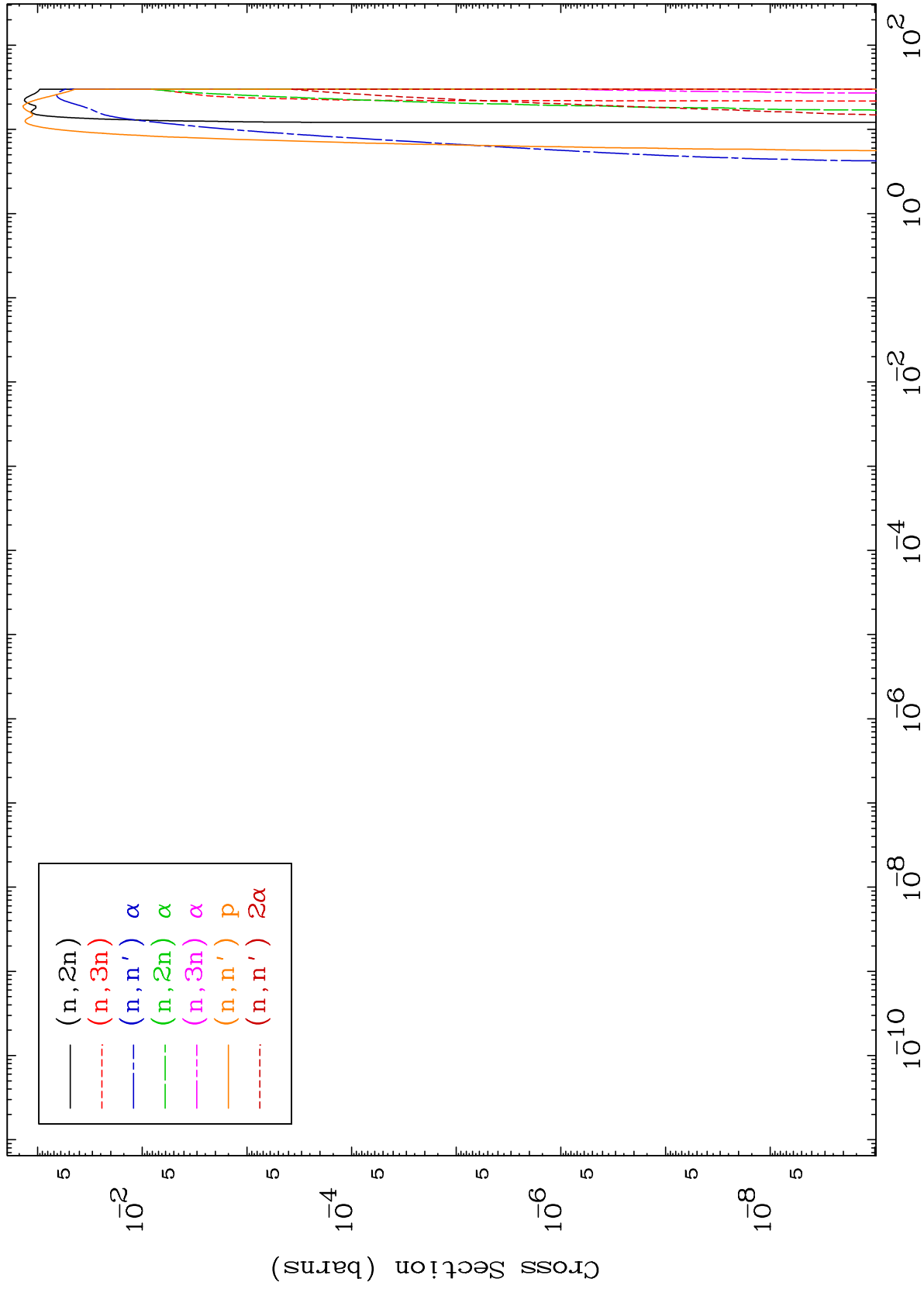
62-Sm-136

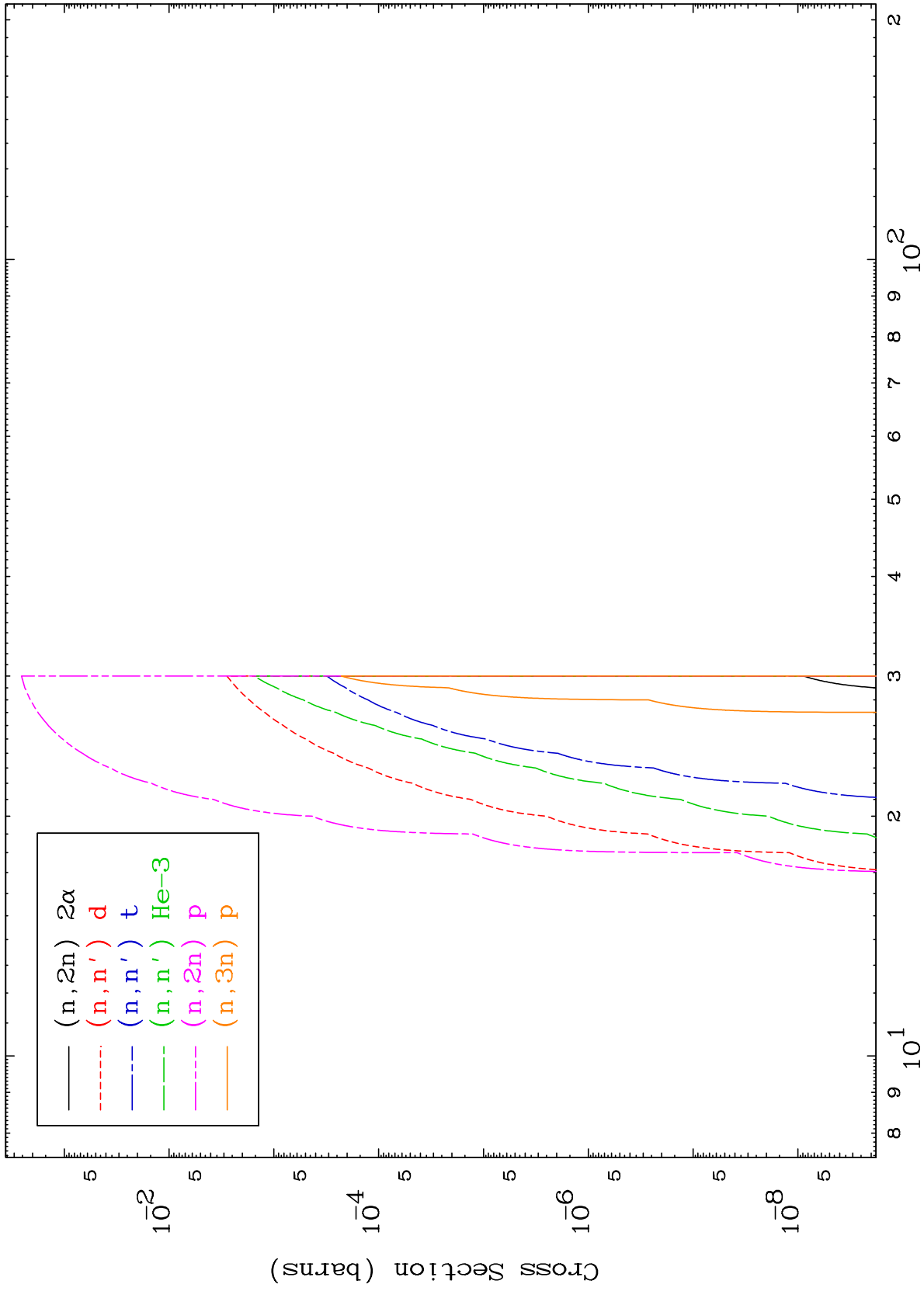


MAT 6201

Neutron Production  
293 Kelvin Cross Sections

62-Sm-136

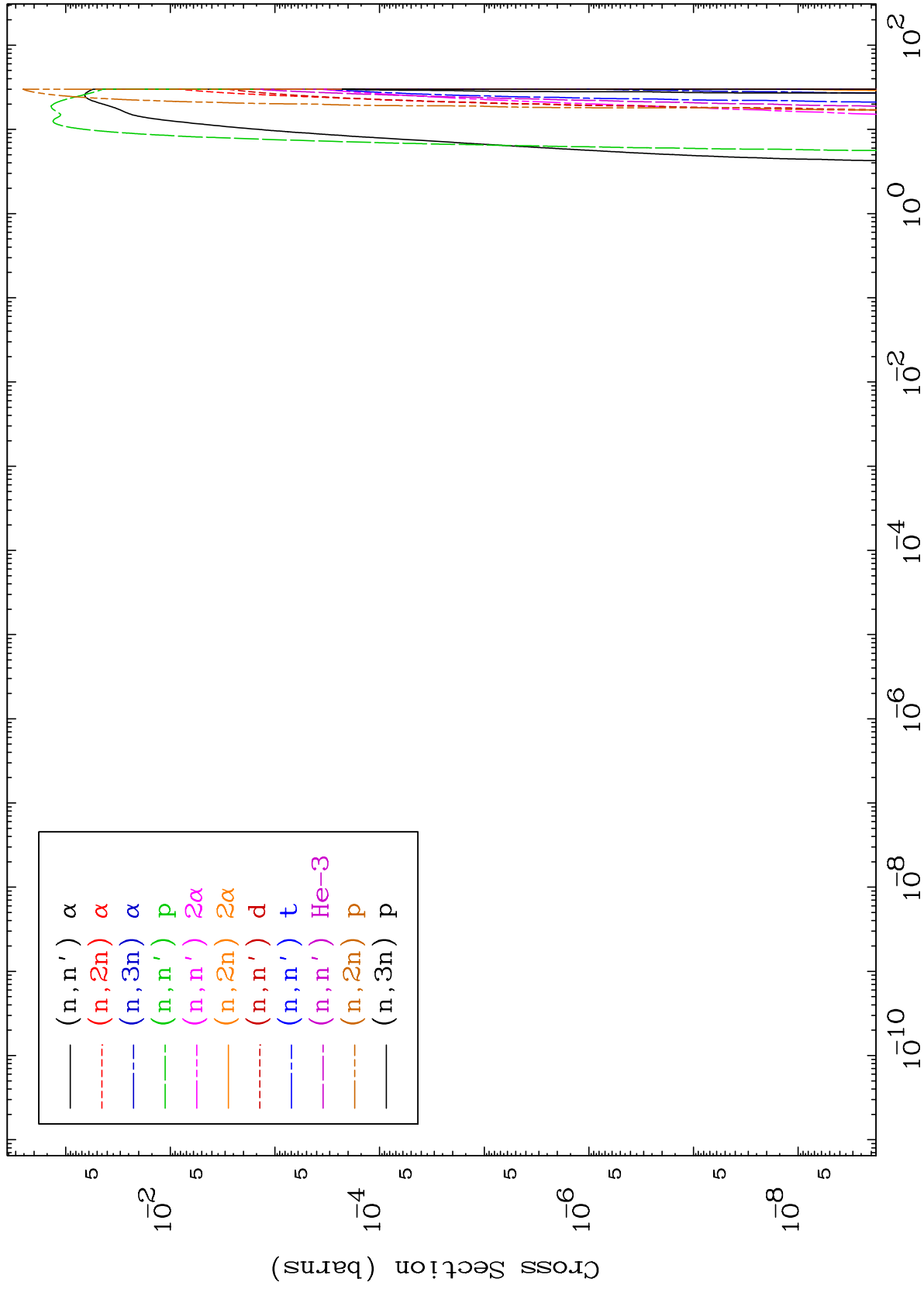




MAT 6201

Charged Particle  
293 Kelvin Cross Sections

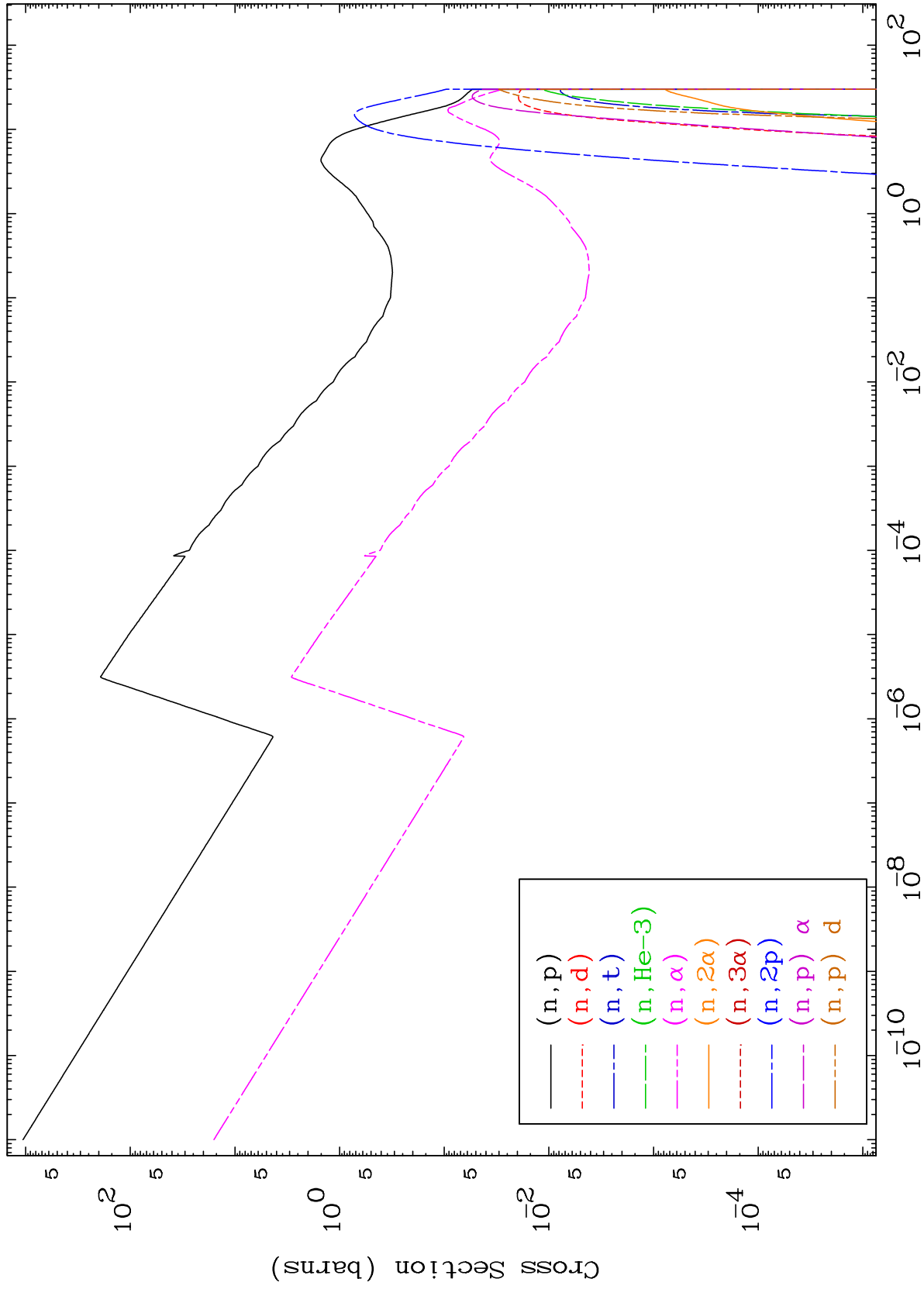
62-Sm-136



MAT 6201

Charged Particle  
293 Kelvin Cross Sections

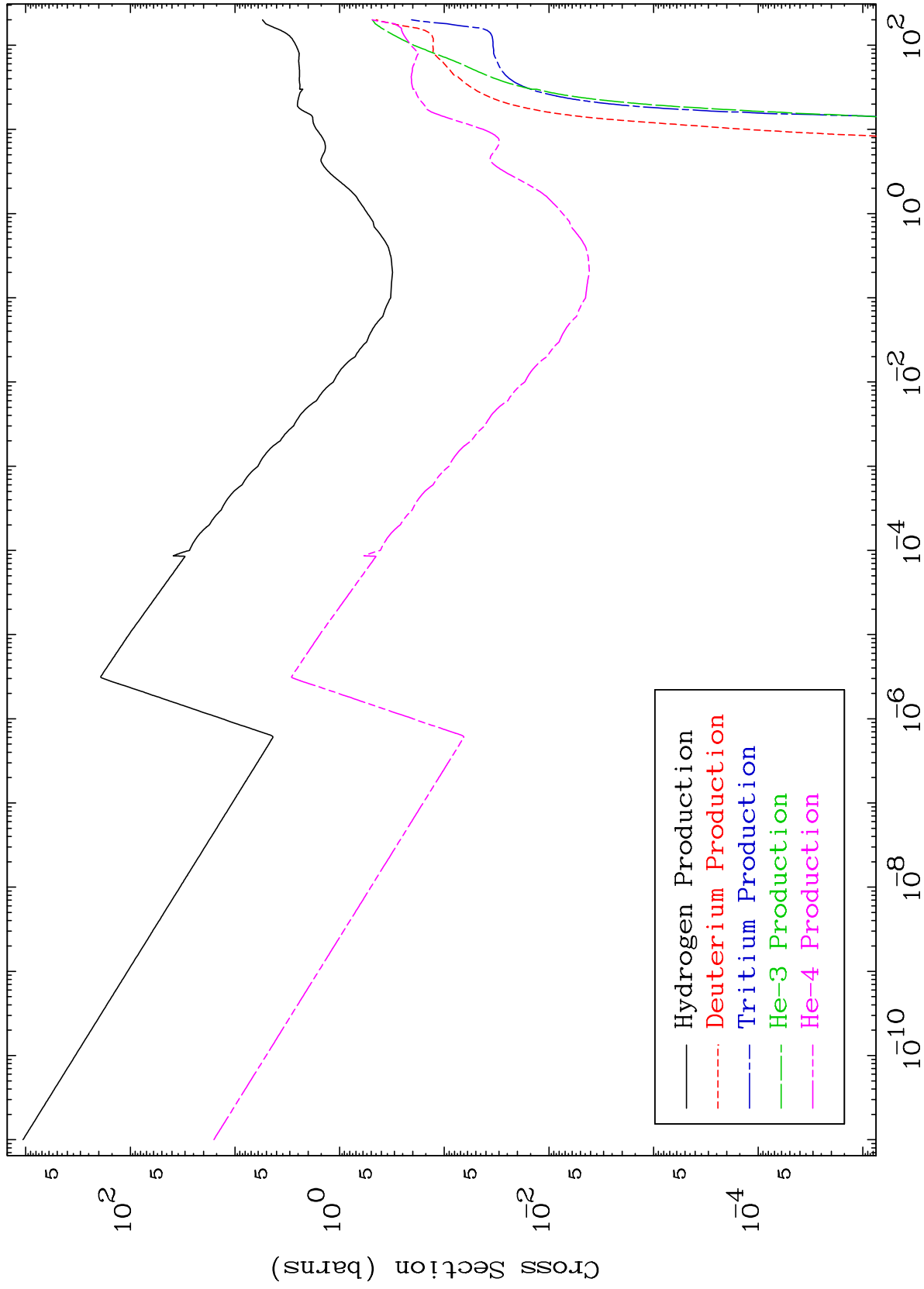
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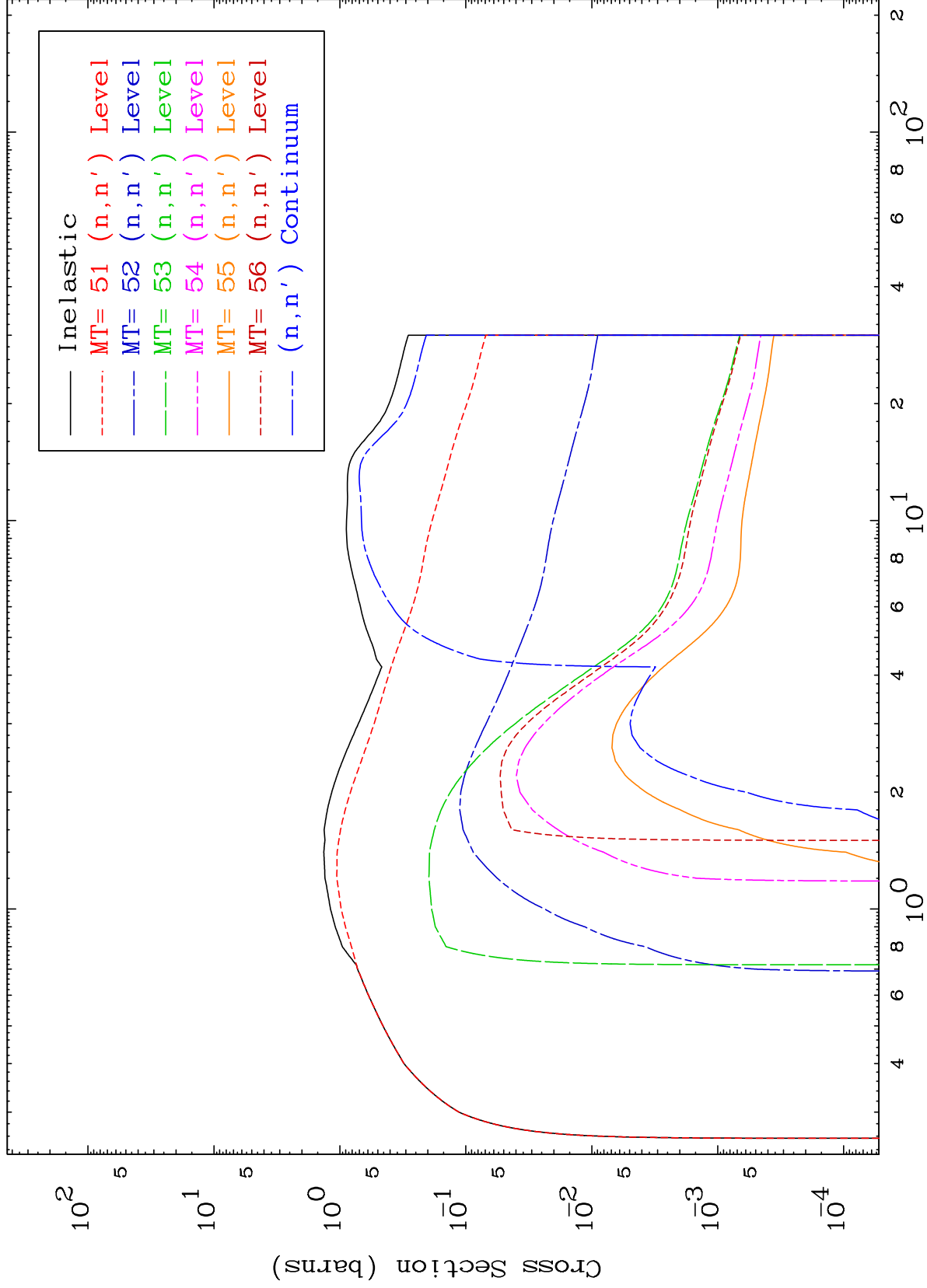


MAT 6201

Particle Production  
293 Kelvin Cross Sections

62-Sm-136



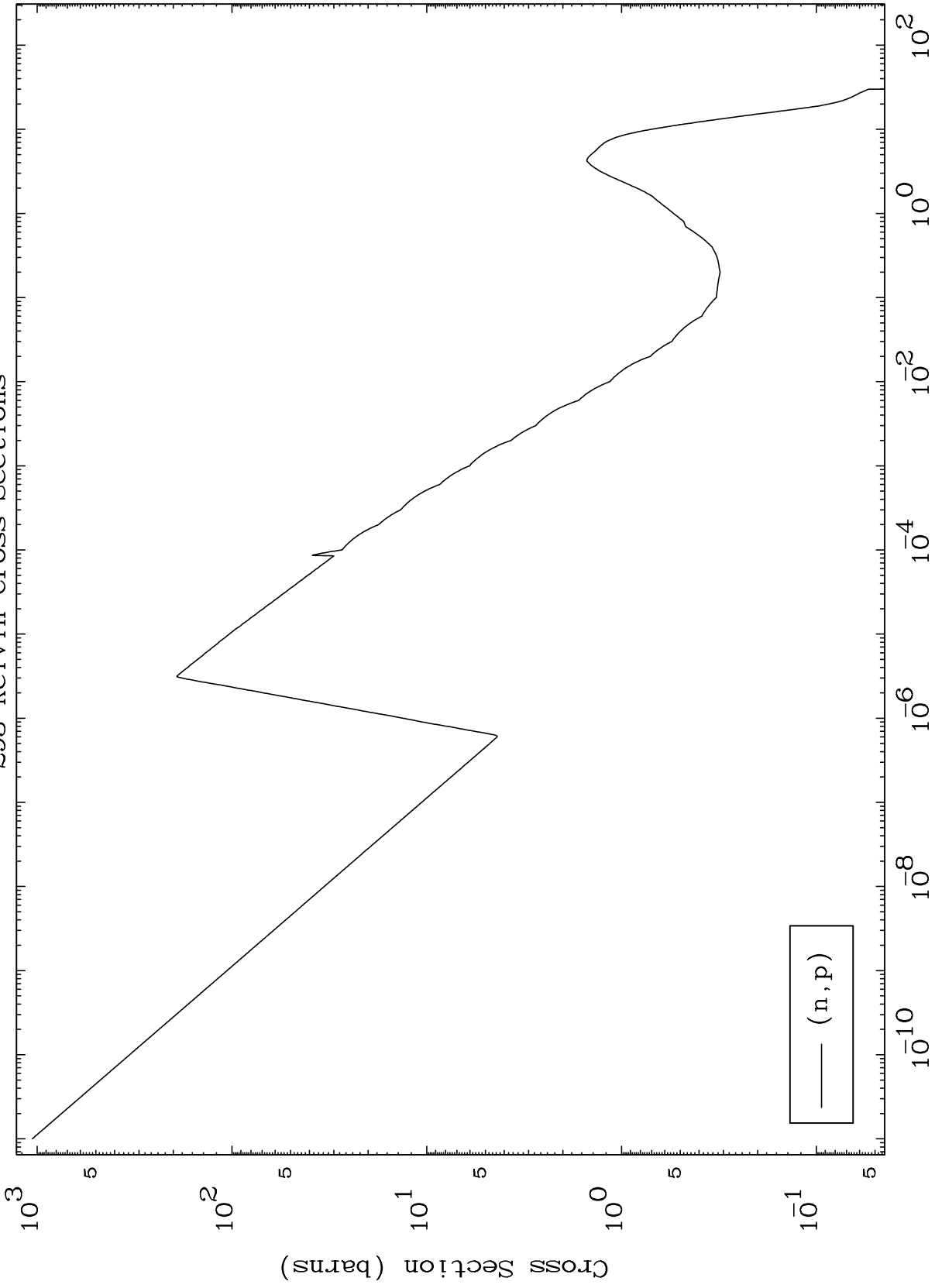




MAT 6201

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-136

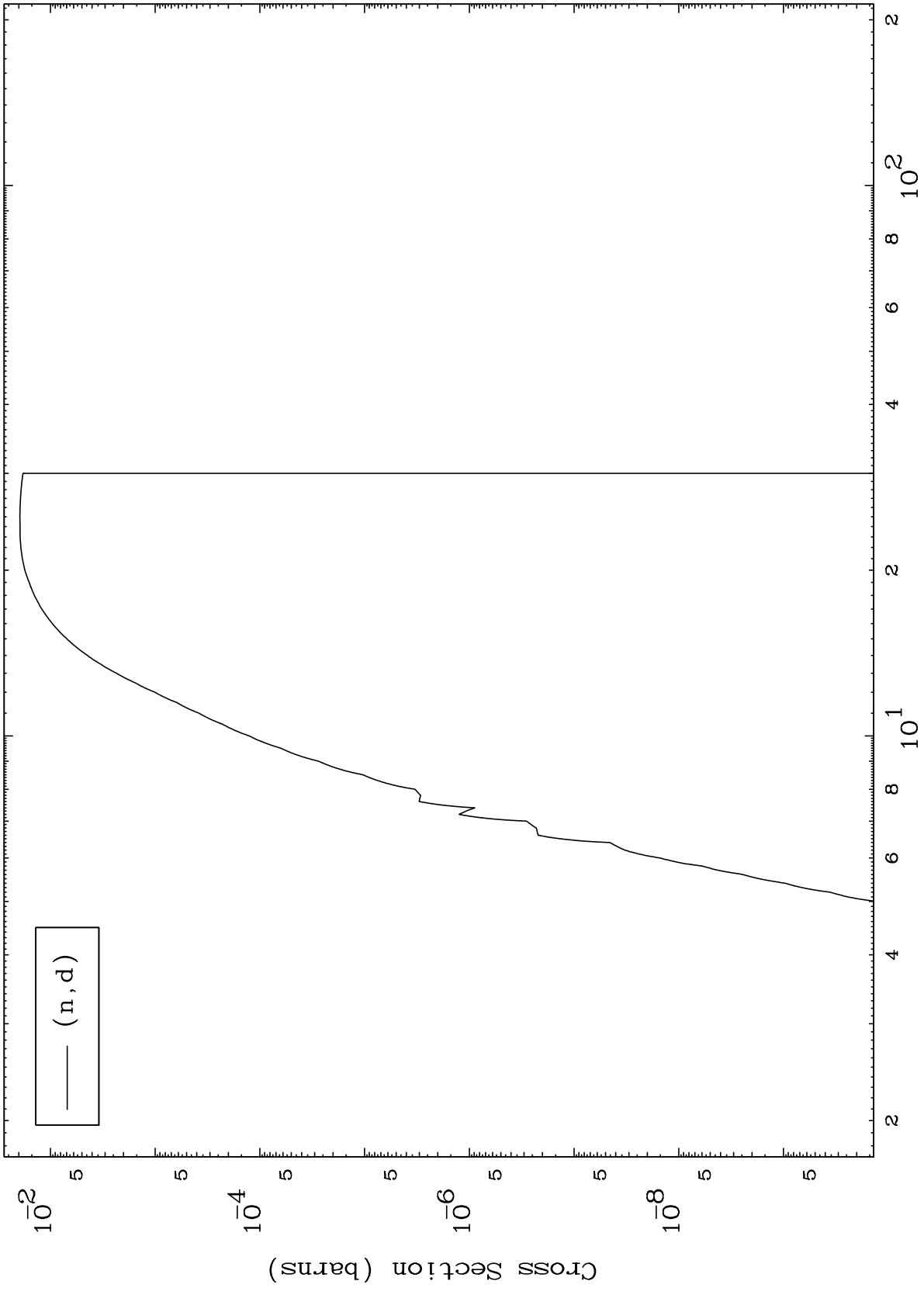


— (n, p)

MAT 6201

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-136



9

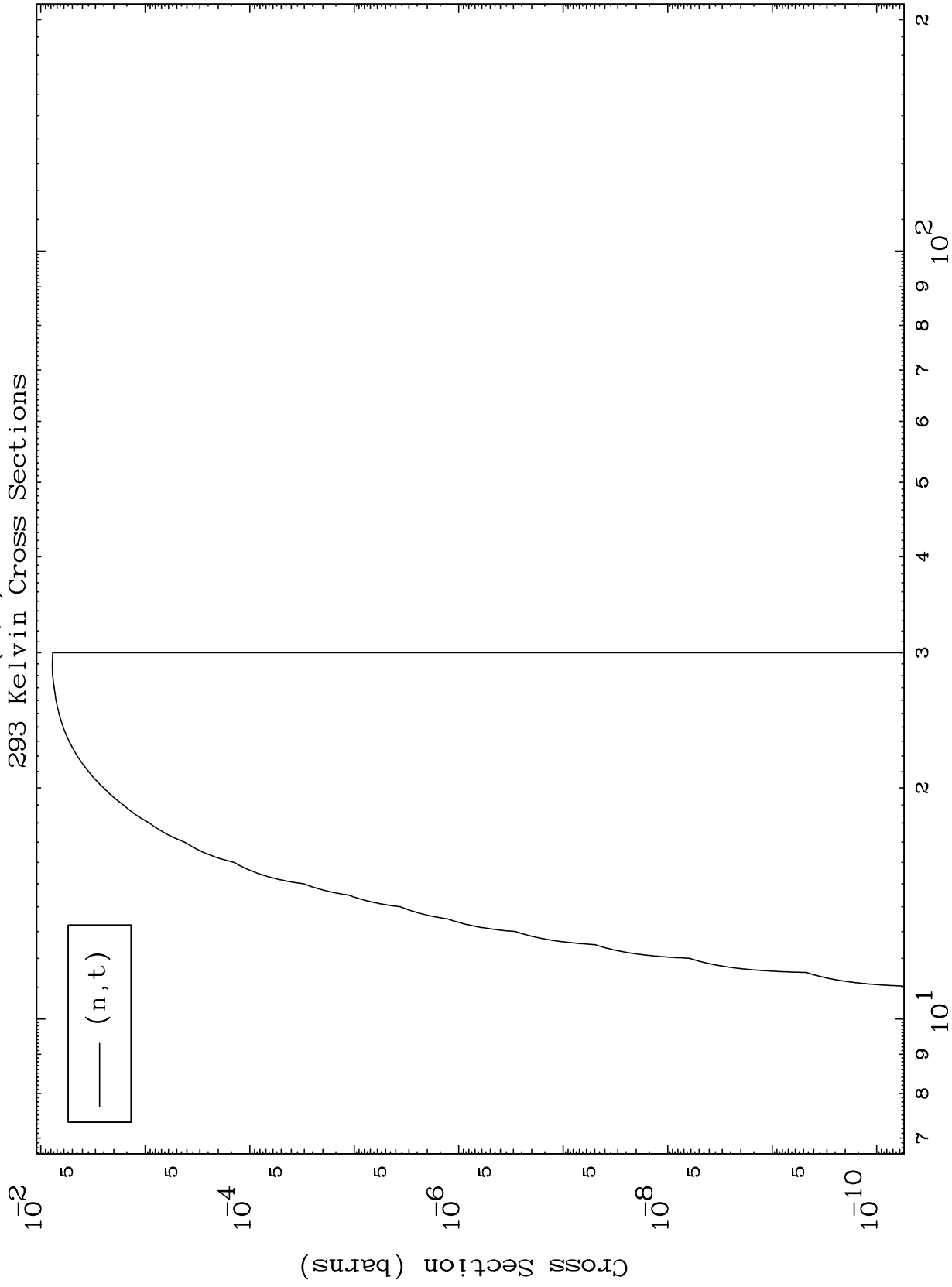
Incident Energy (MeV)

62-Sm-136

MAT 6201

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-136



10

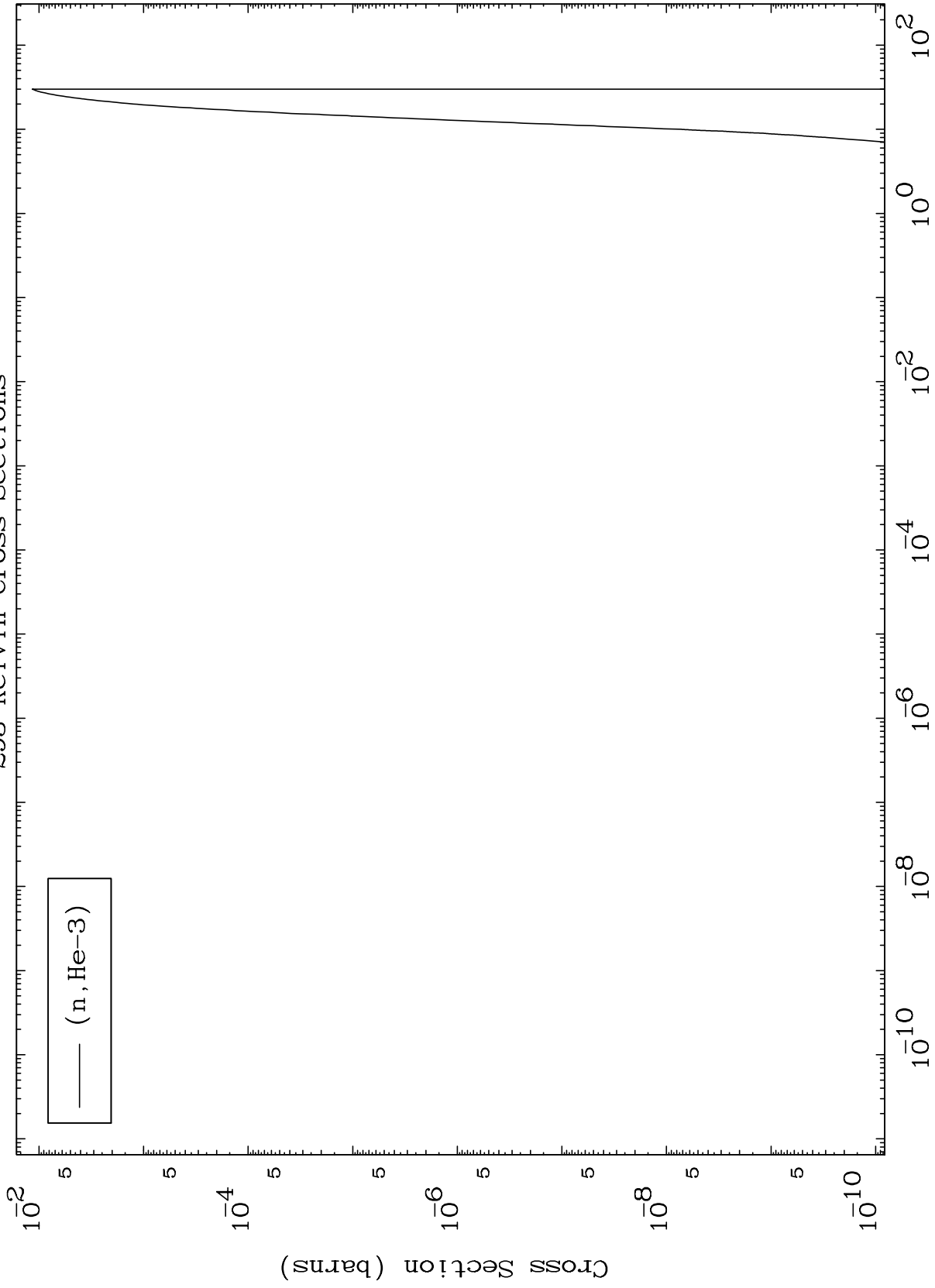
Incident Energy (MeV)

62-Sm-136

MAT 6201

(n,He3) Levels  
293 Kelvin Cross Sections

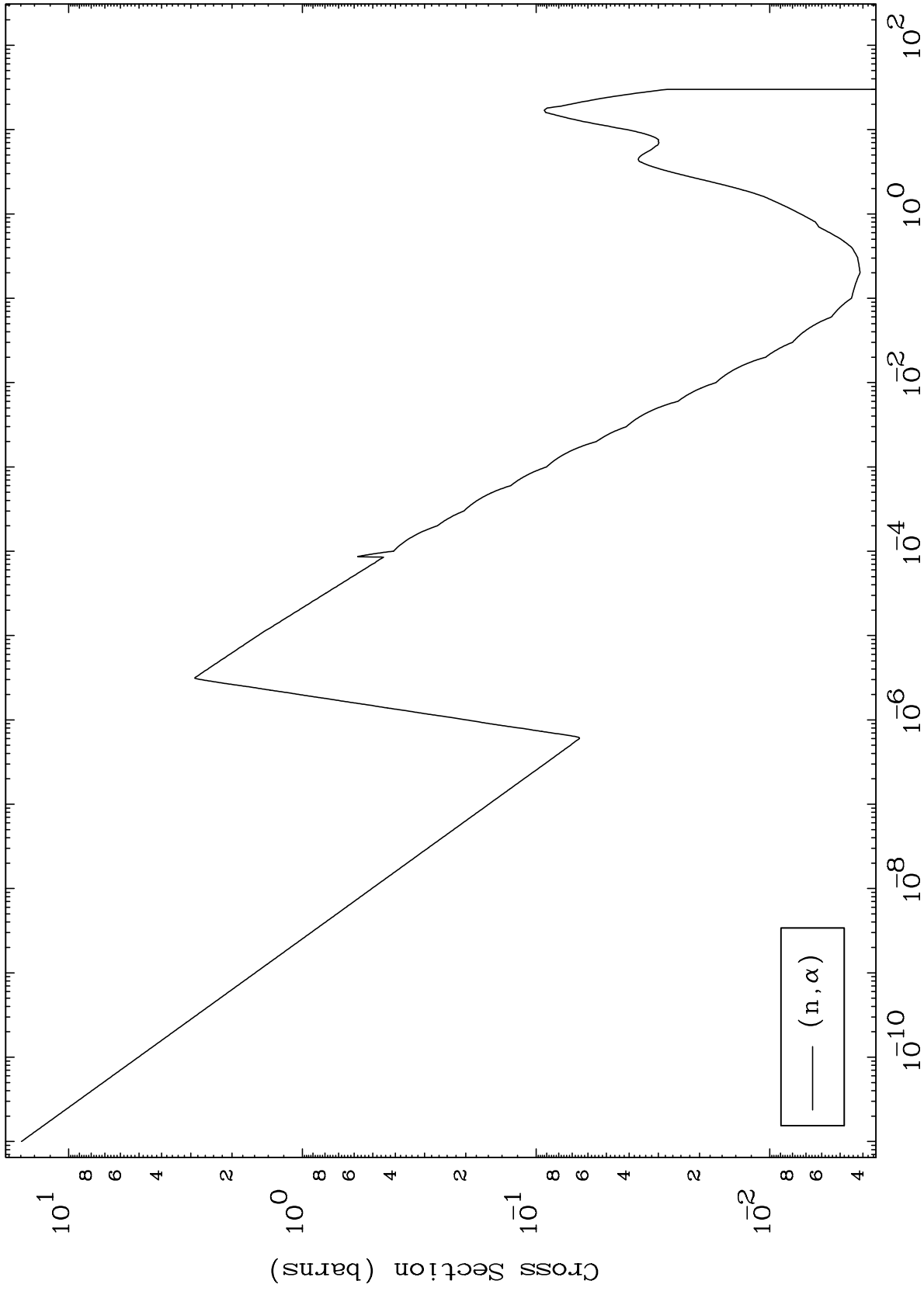
62-Sm-136



MAT 6201

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

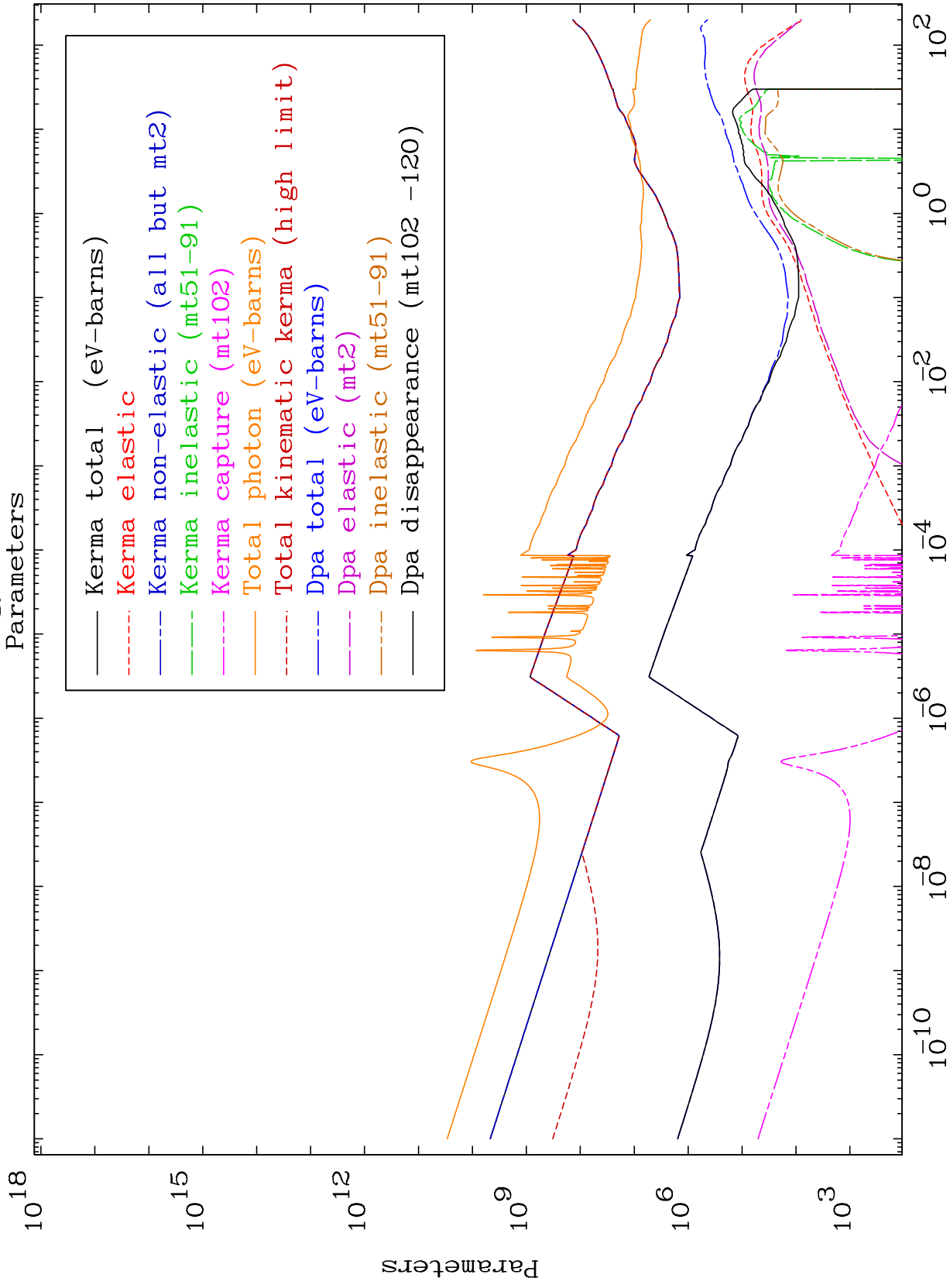
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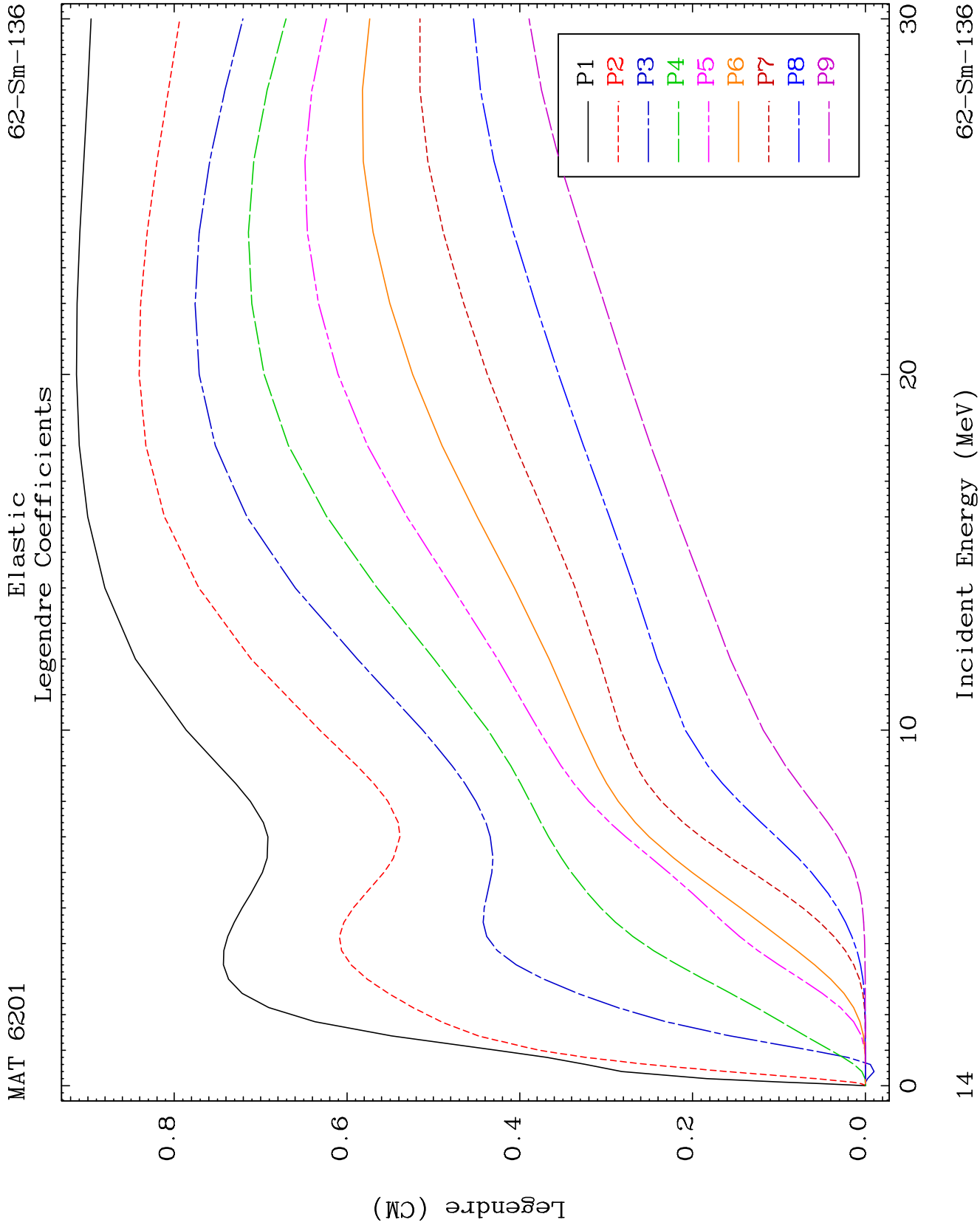


12

Incident Energy (MeV)

62-Sm-136

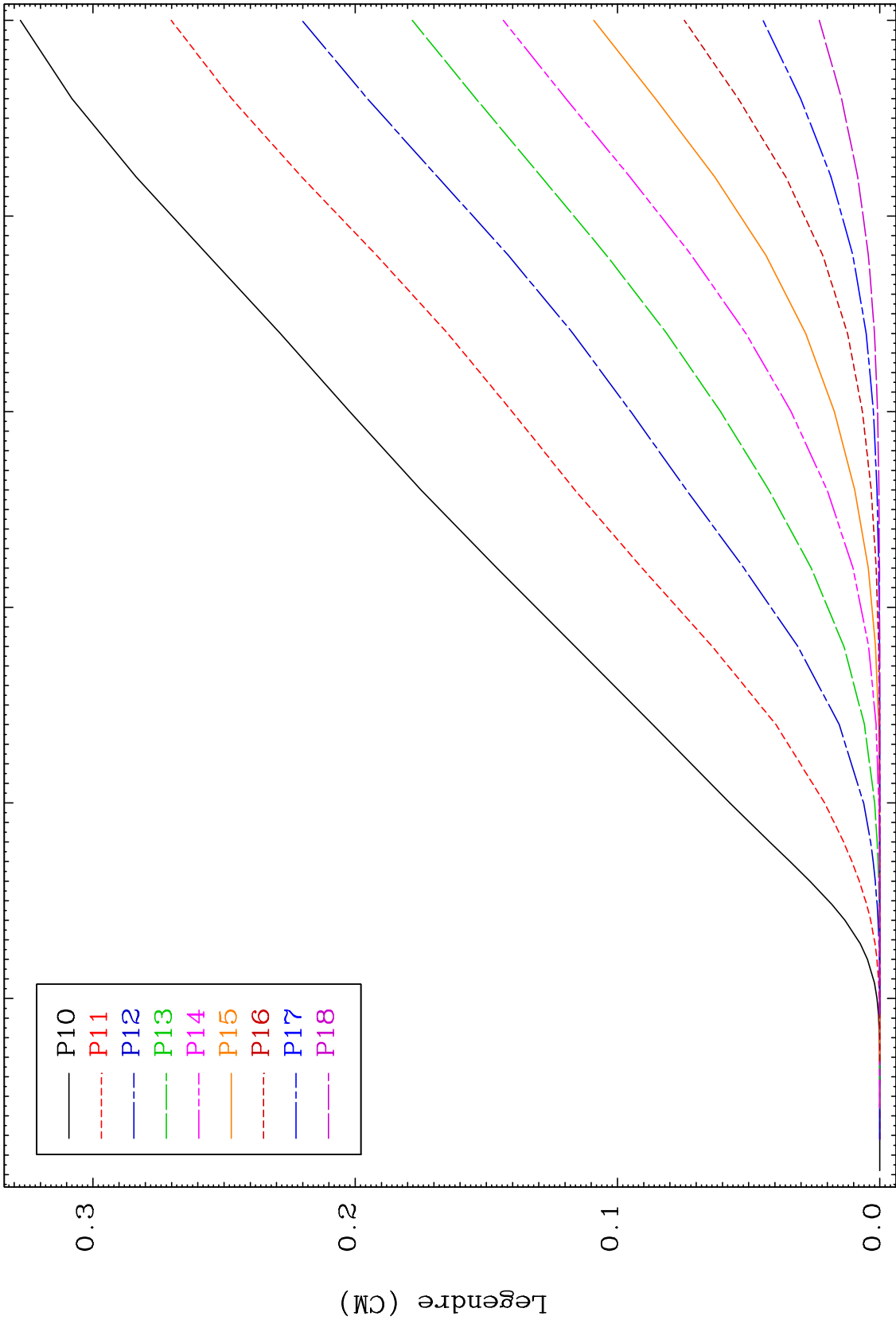




MAT 6201

Elastic Legendre Coefficients

62-Sm-136



15

Incident Energy (MeV)

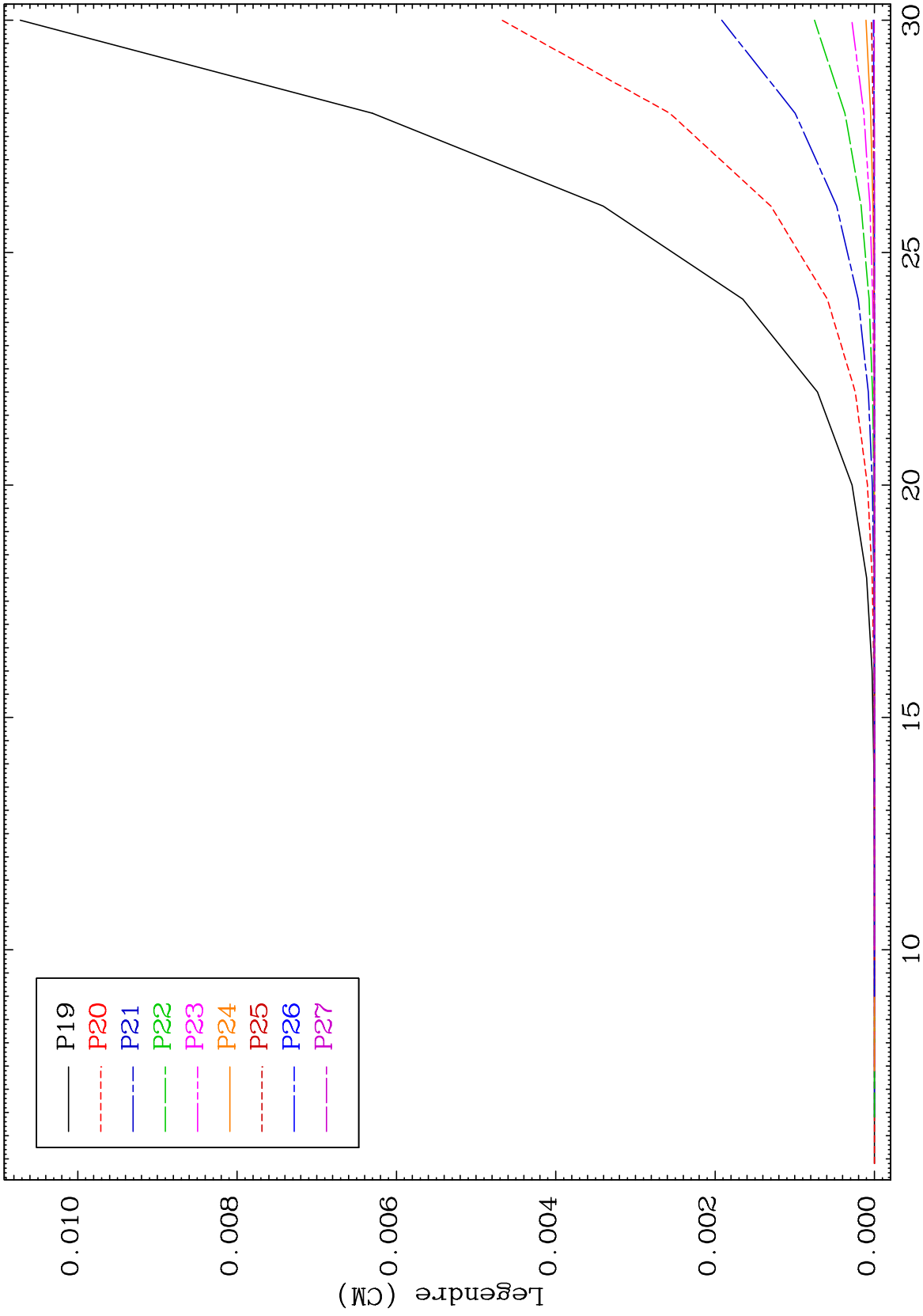
62-Sm-136



MAT 6201

Elastic Legendre Coefficients

$^{62}\text{Sm-136}$



16

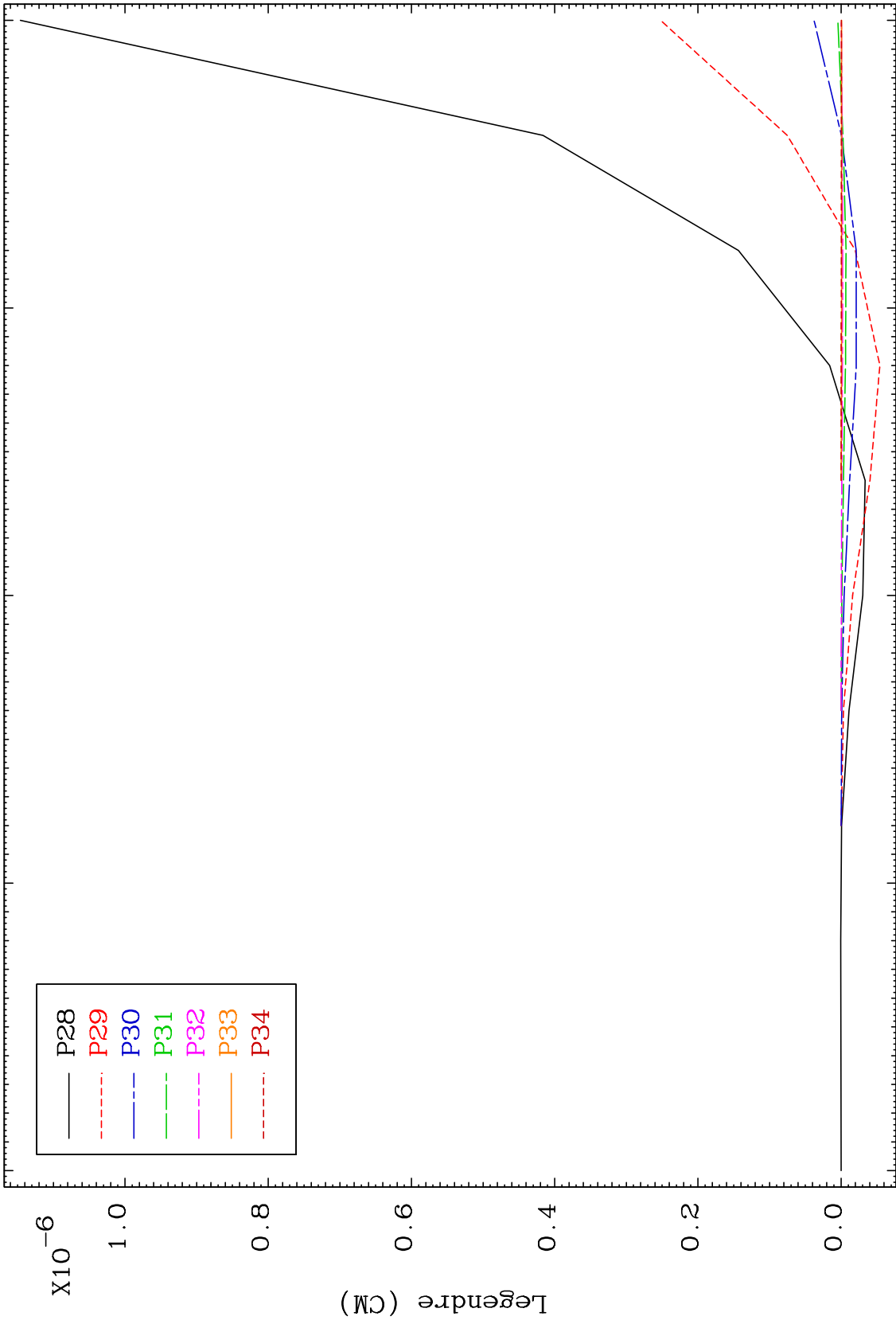
Incident Energy (MeV)

$^{62}\text{Sm-136}$

MAT 6201

Elastic Legendre Coefficients

62-Sm-136



17

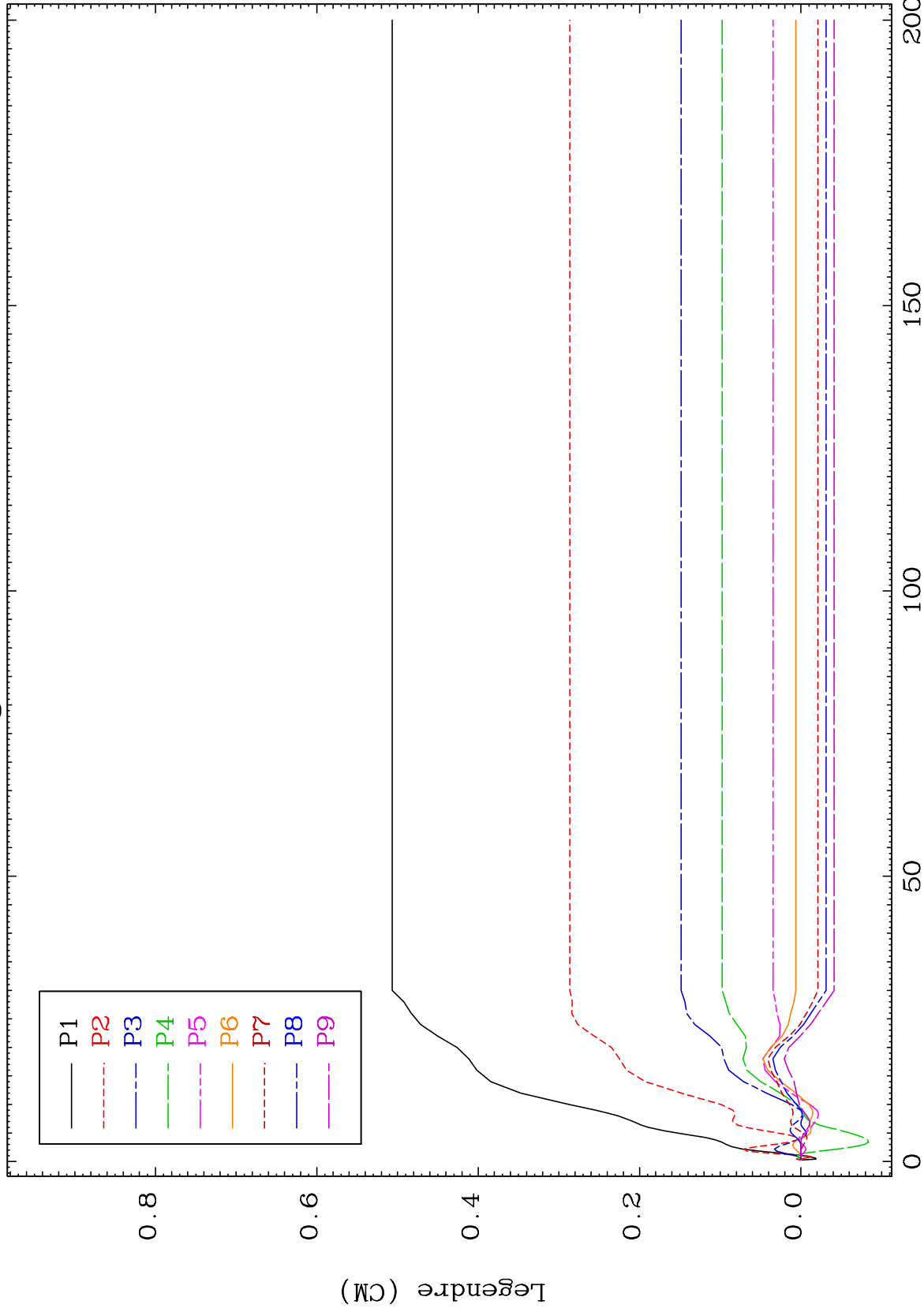
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



18

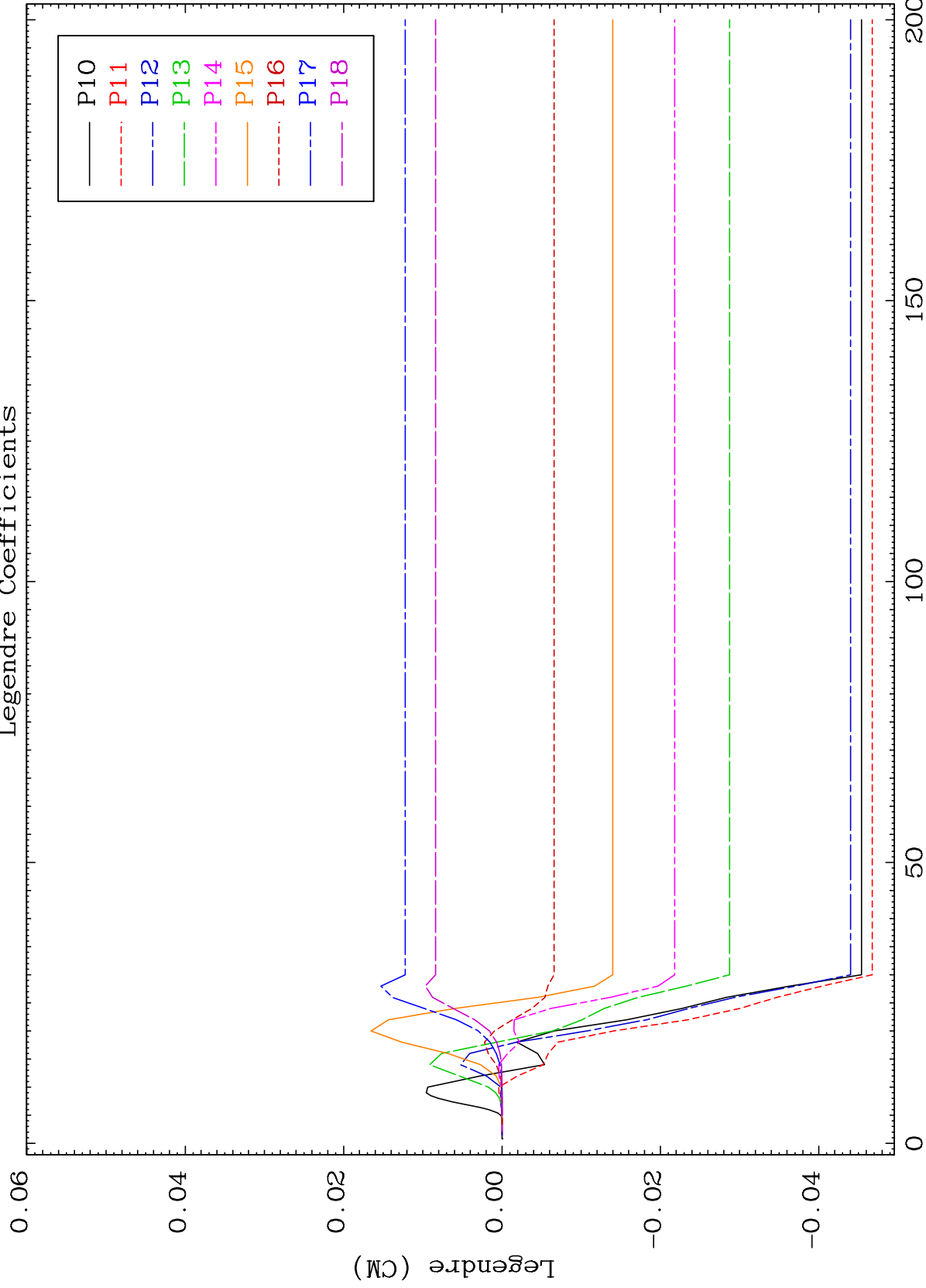
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



62-Sm-136

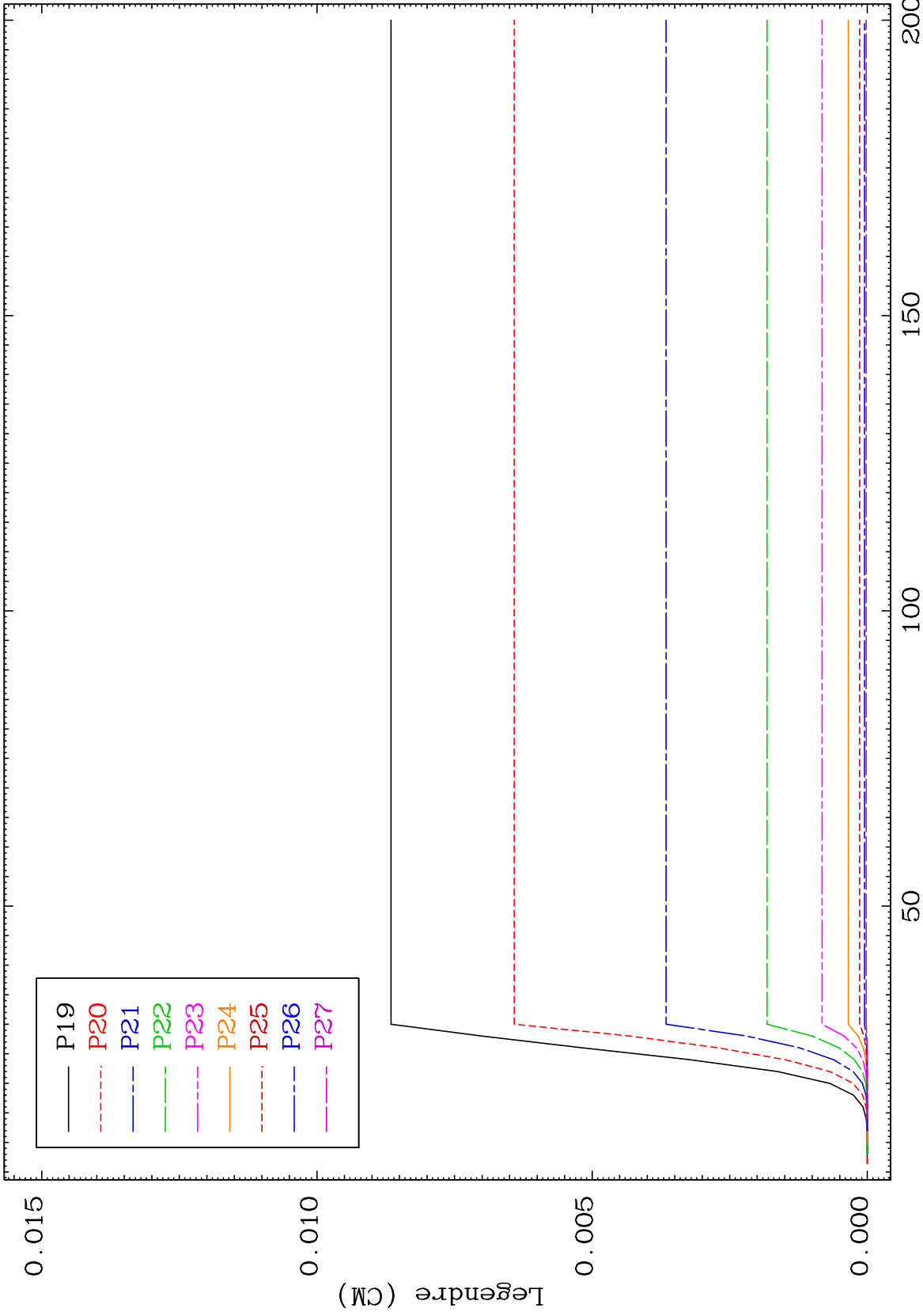
Incident Energy (MeV)

19

MAT 6201

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

62-Sm-136



20

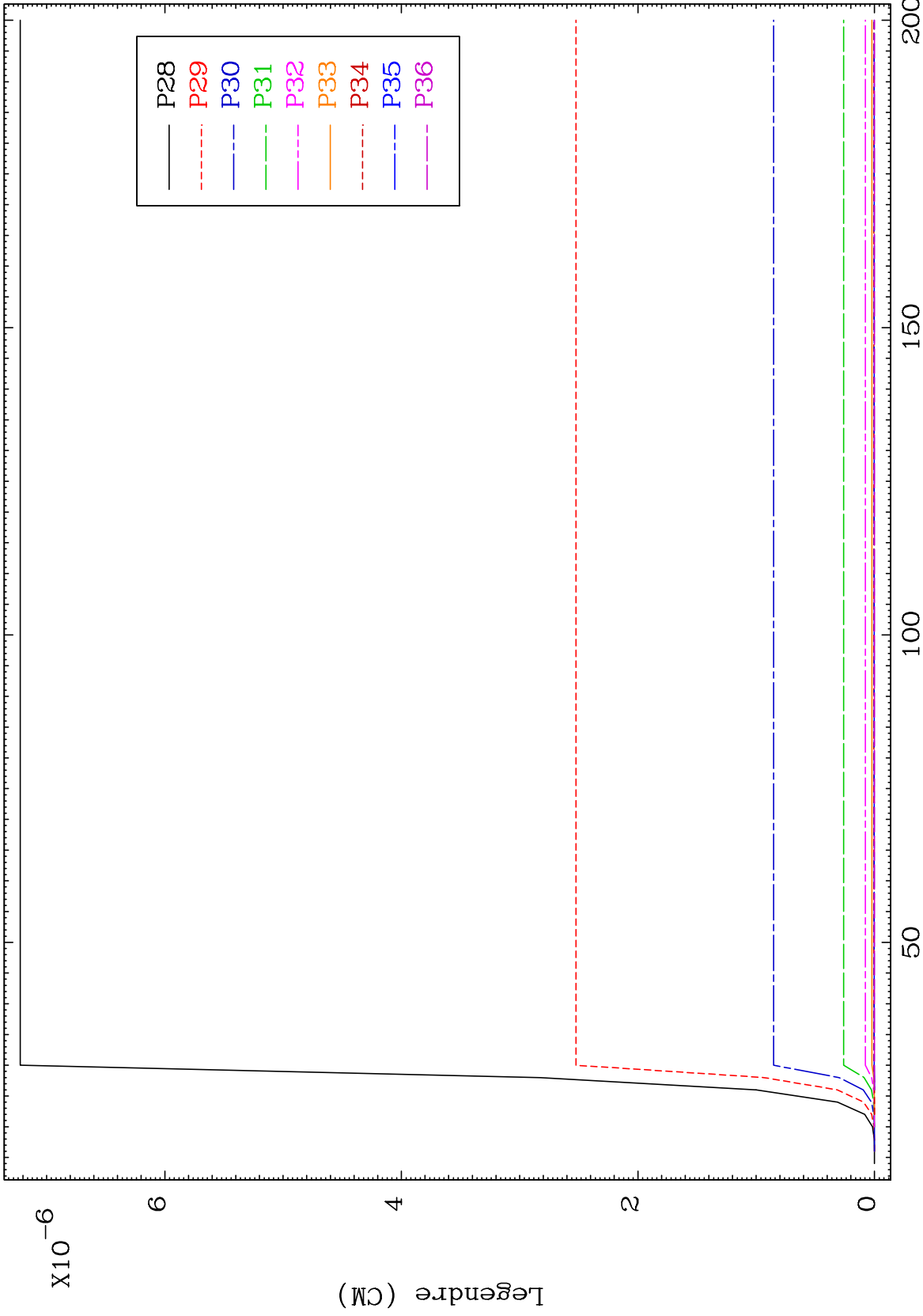
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



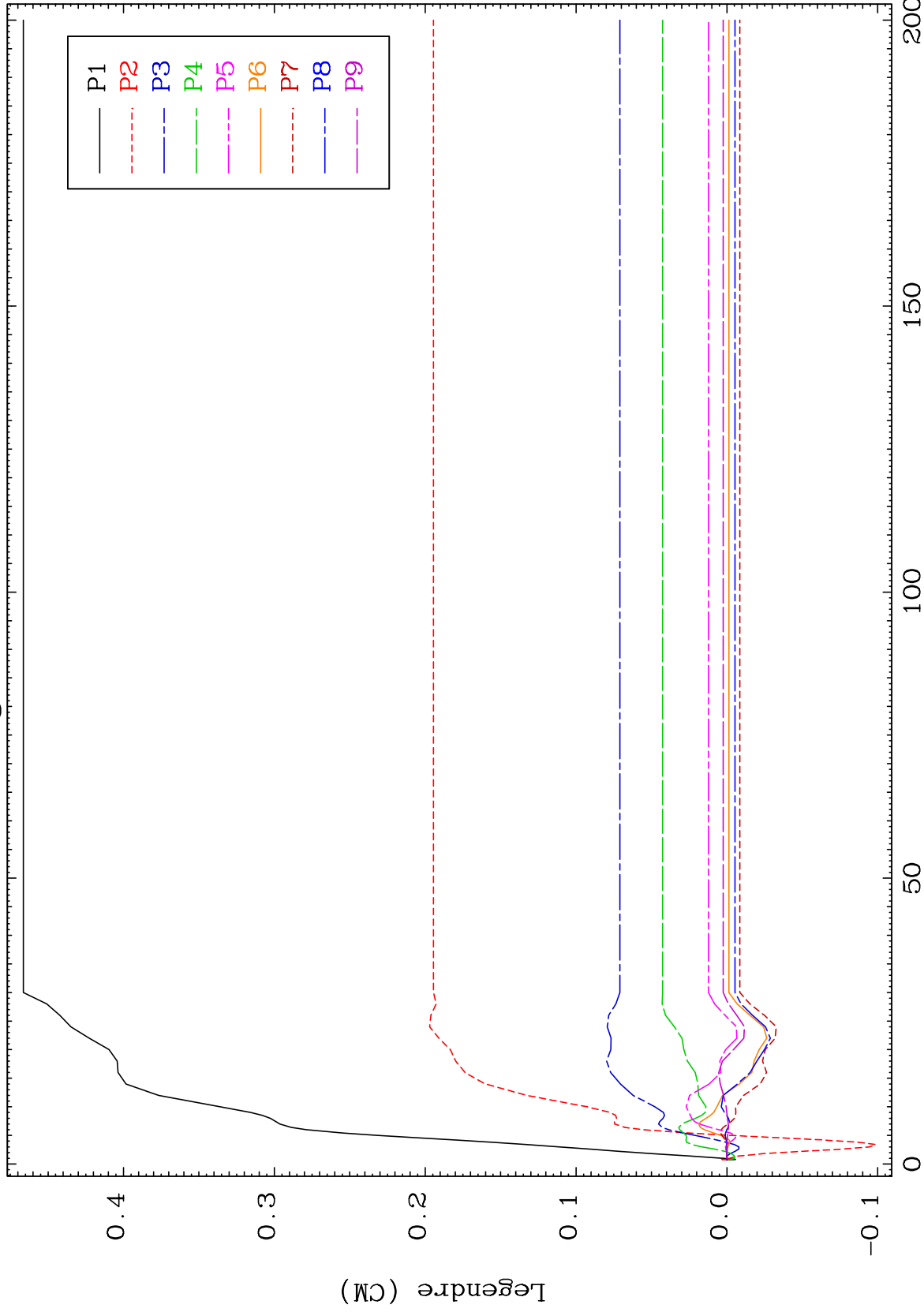
21

62-Sm-136

MAT 6201

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

62-Sm-136



22

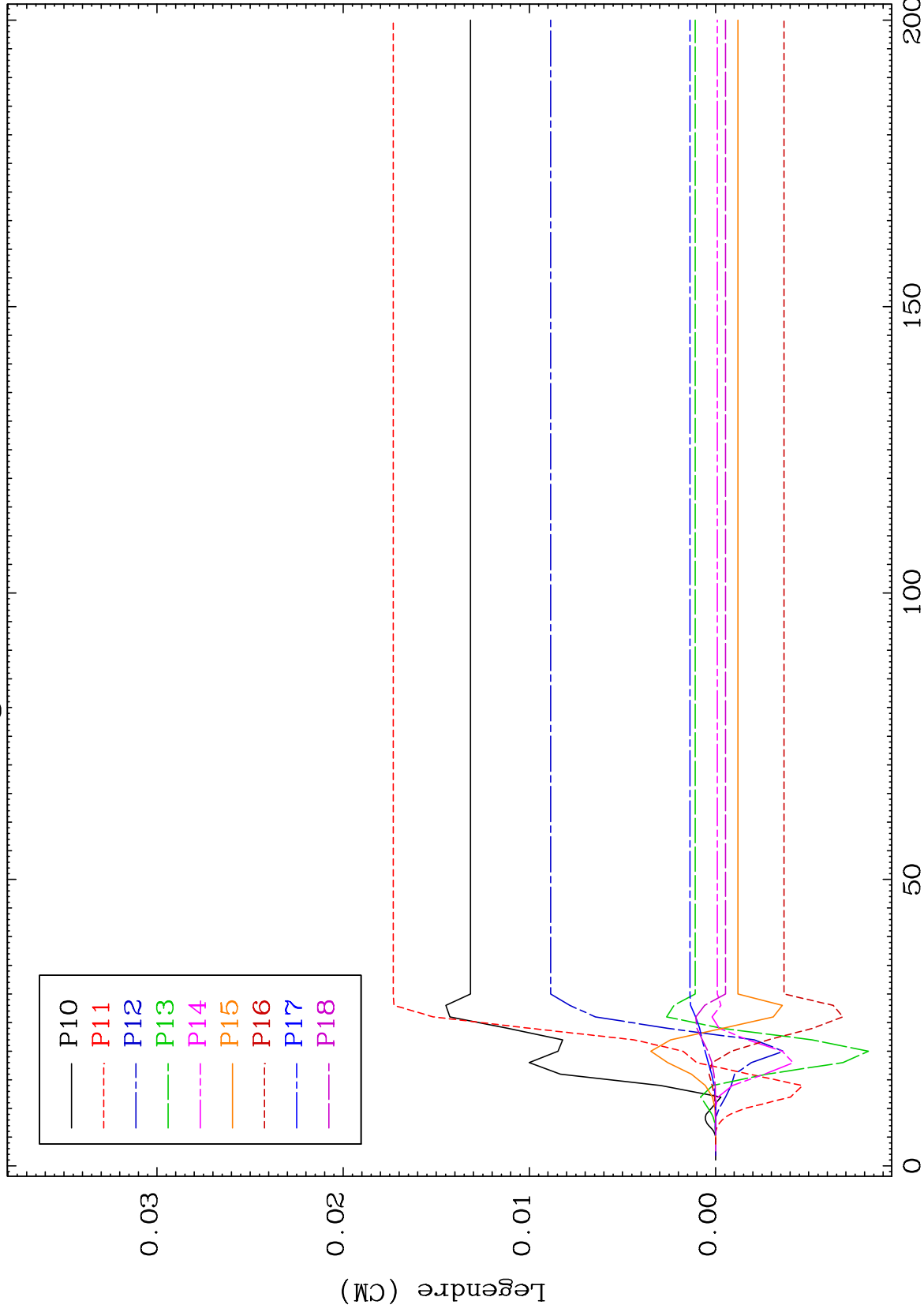
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



23

Incident Energy (MeV)

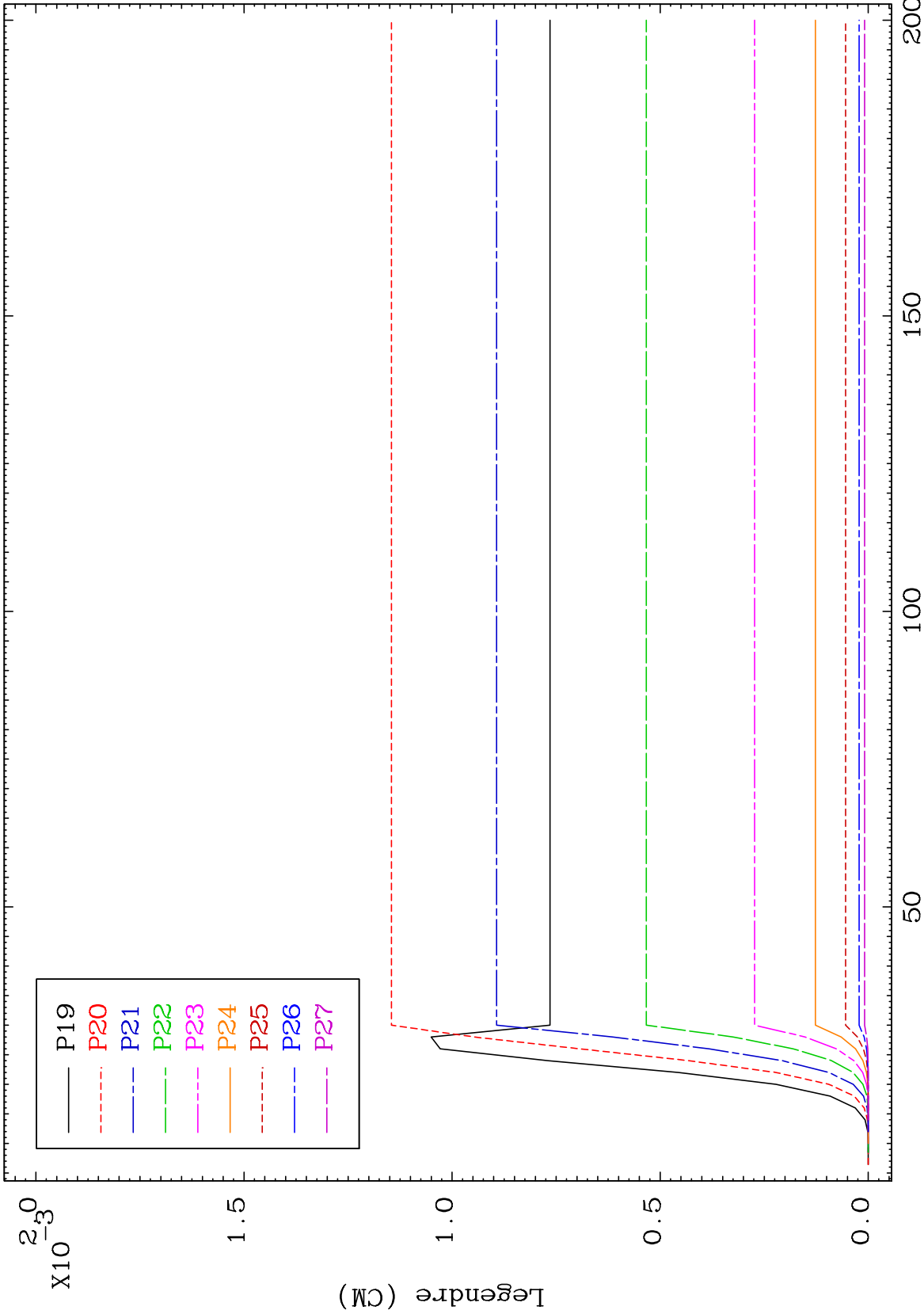
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MAT 6201

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

62-Sm-136



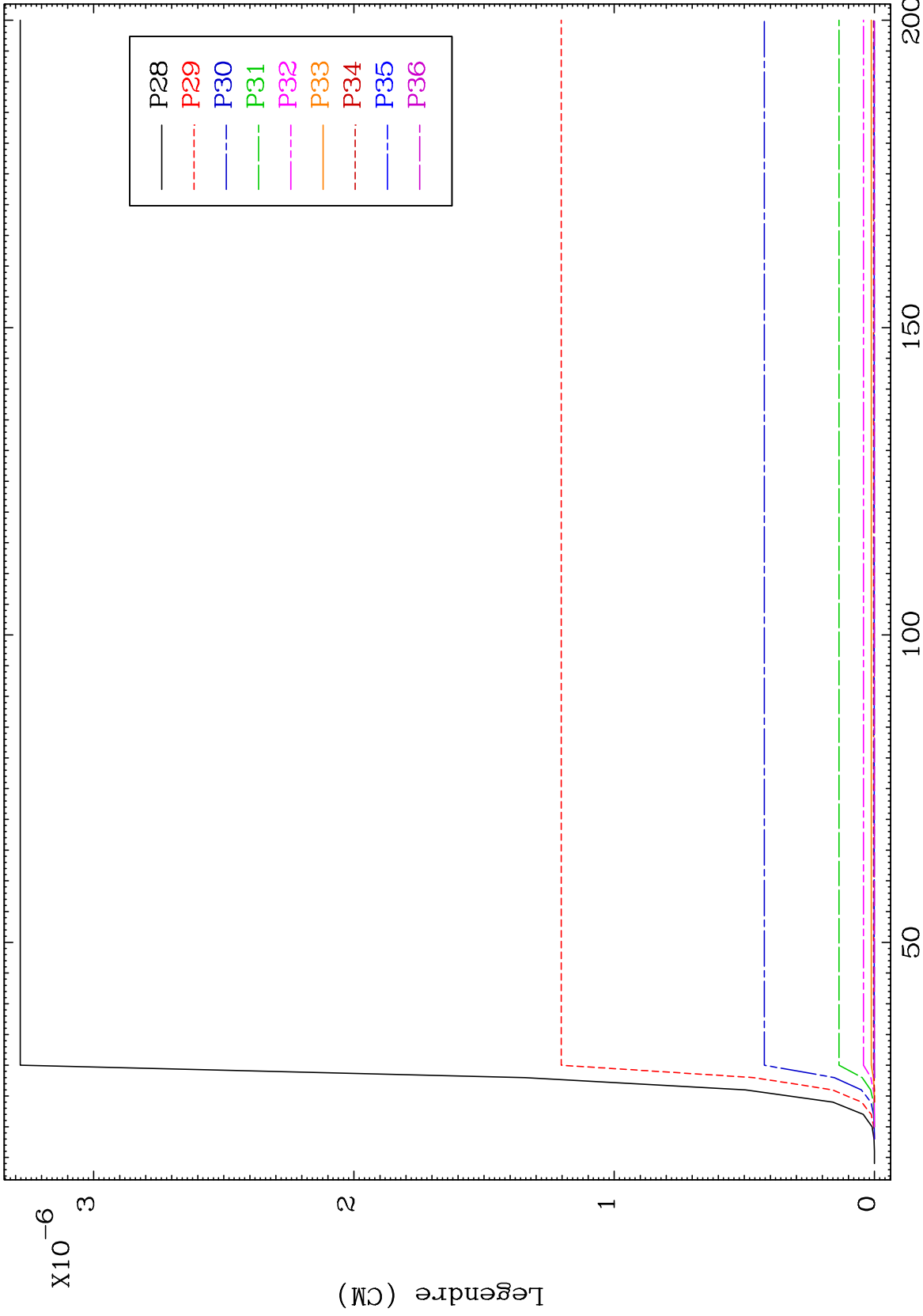
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62-Sm-136

MAT 6201

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

62-Sm-136



25

50

100

150

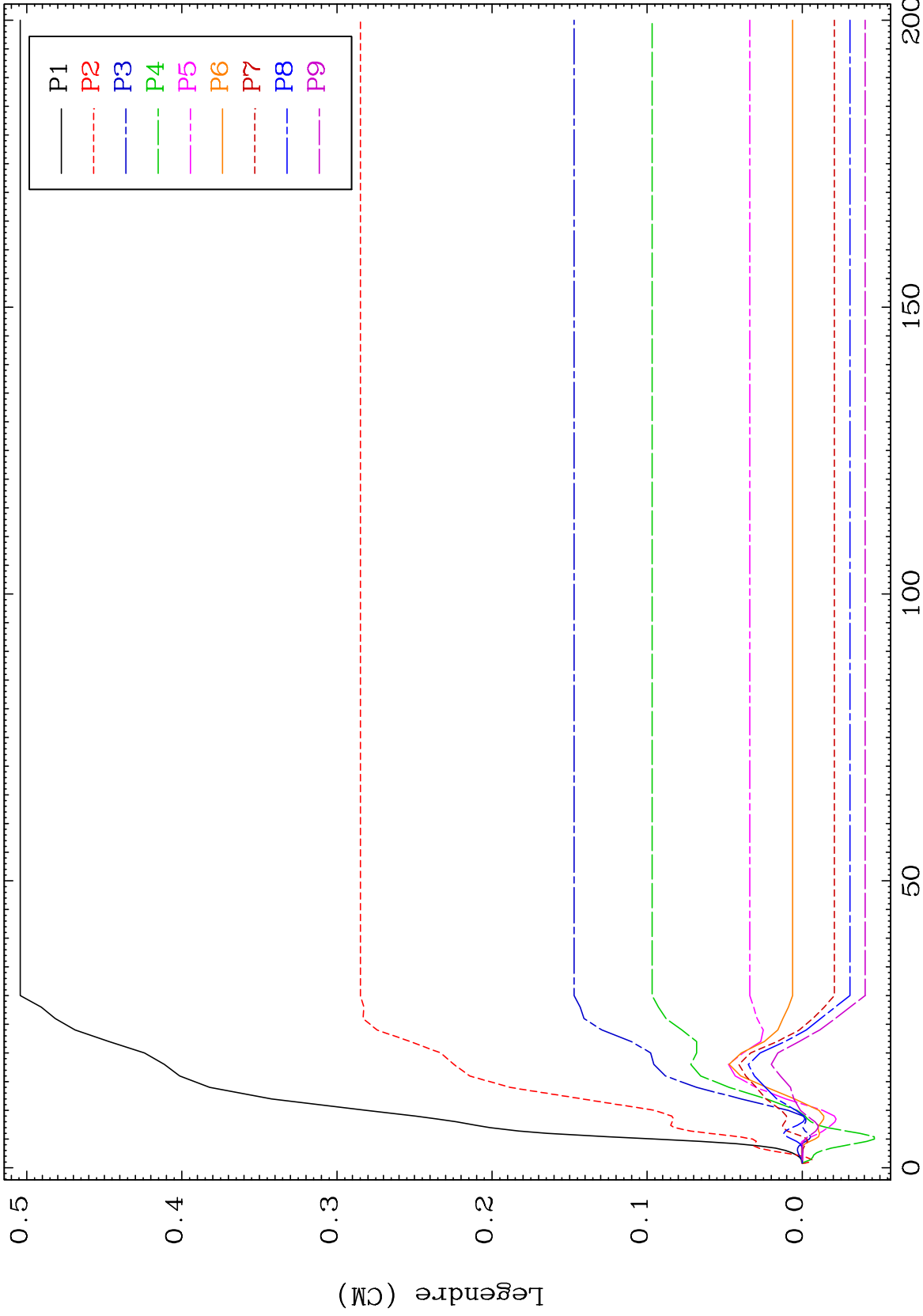
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62-Sm-136

MAT 6201

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

62-Sm-136



26

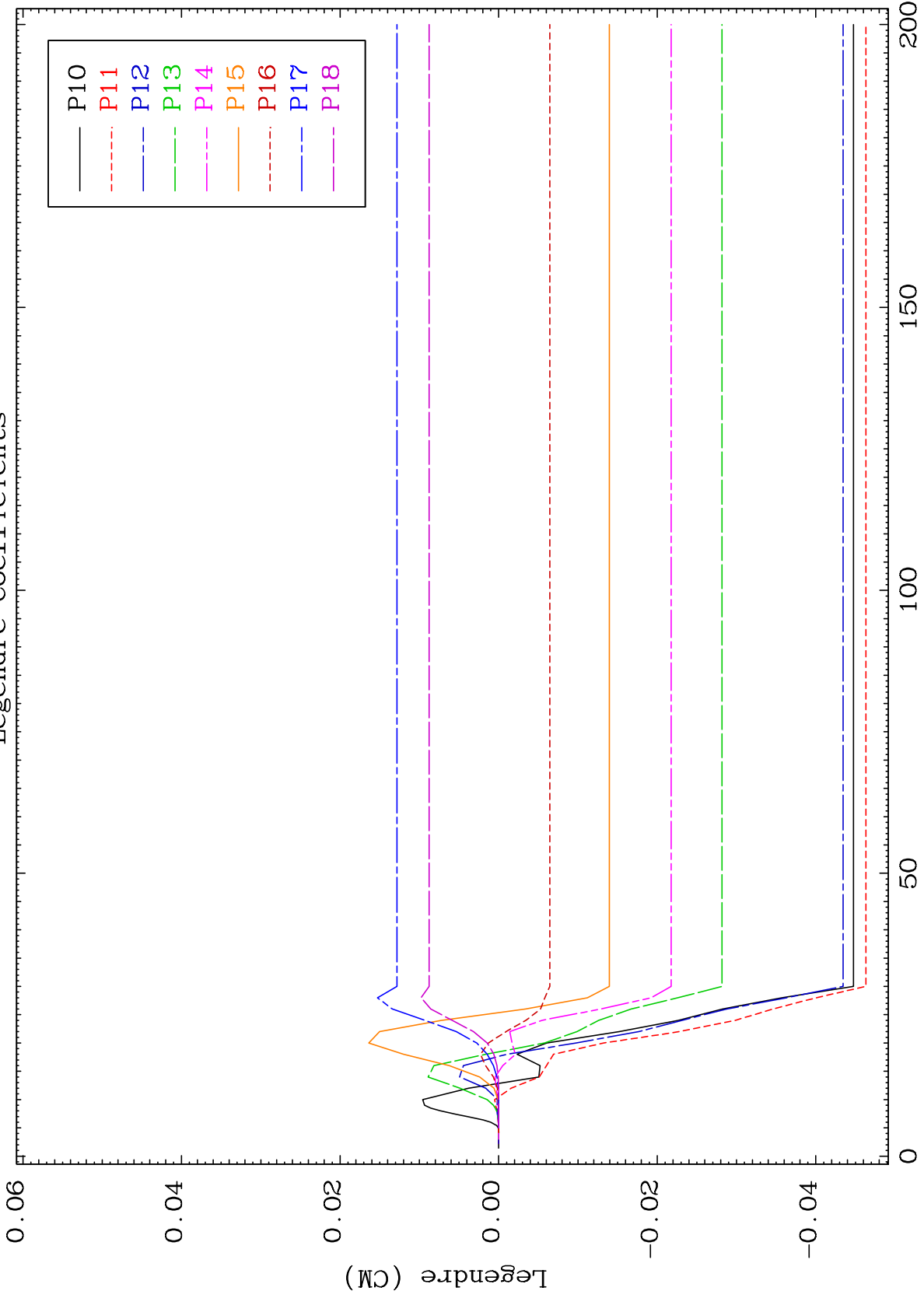
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

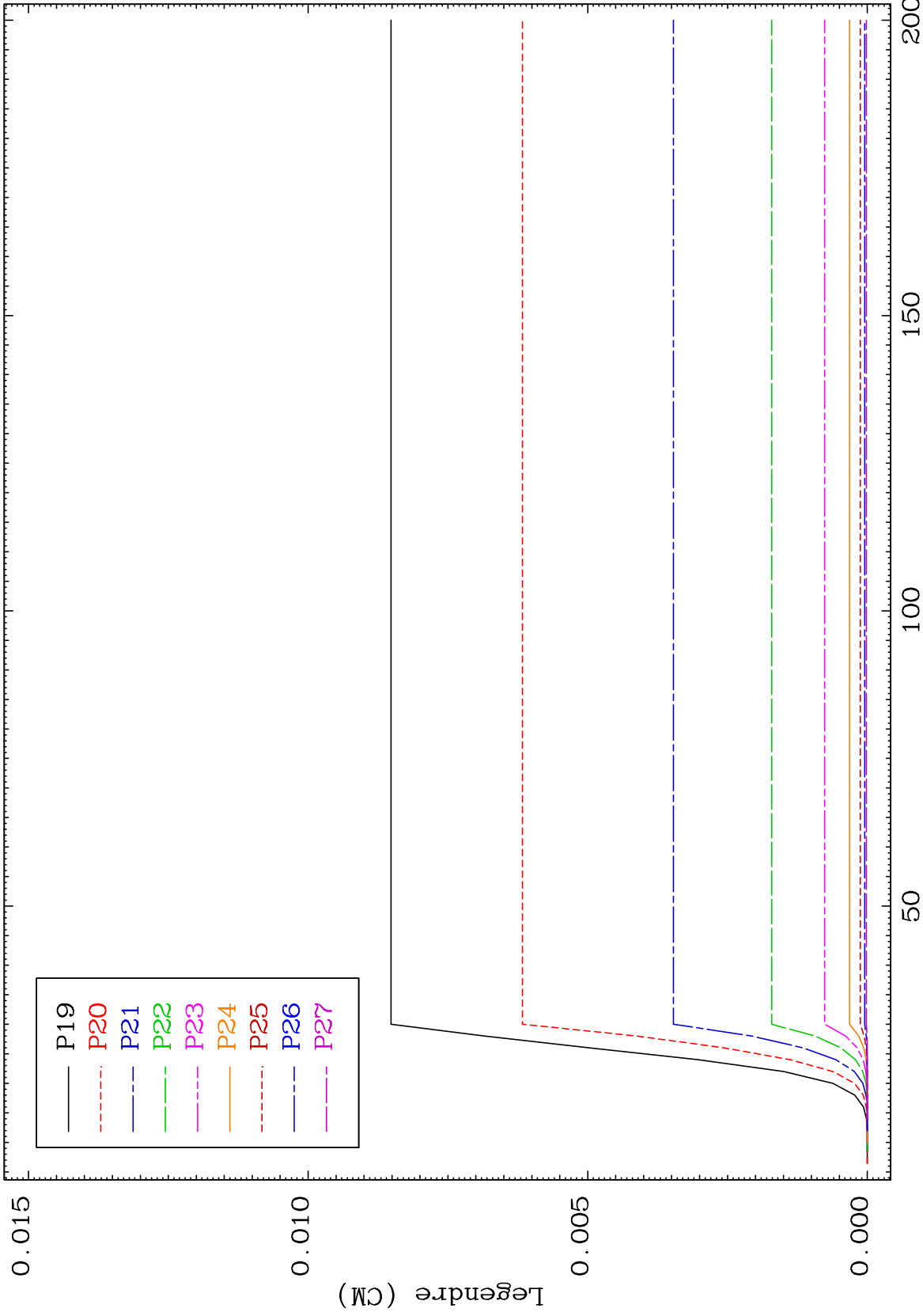
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27

Incident Energy (MeV)

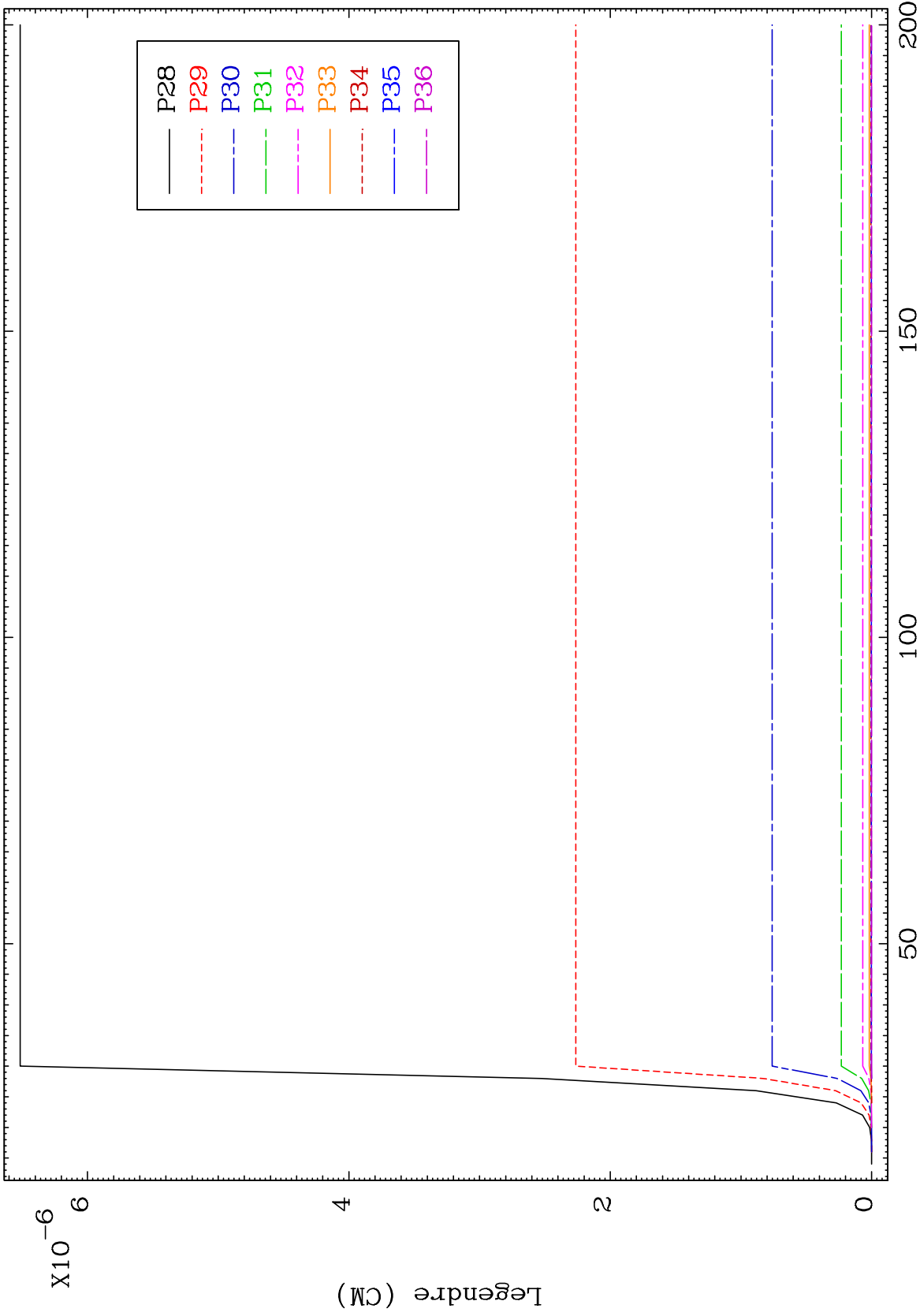
62-Sm-136



MAT 6201

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

62-Sm-136



29

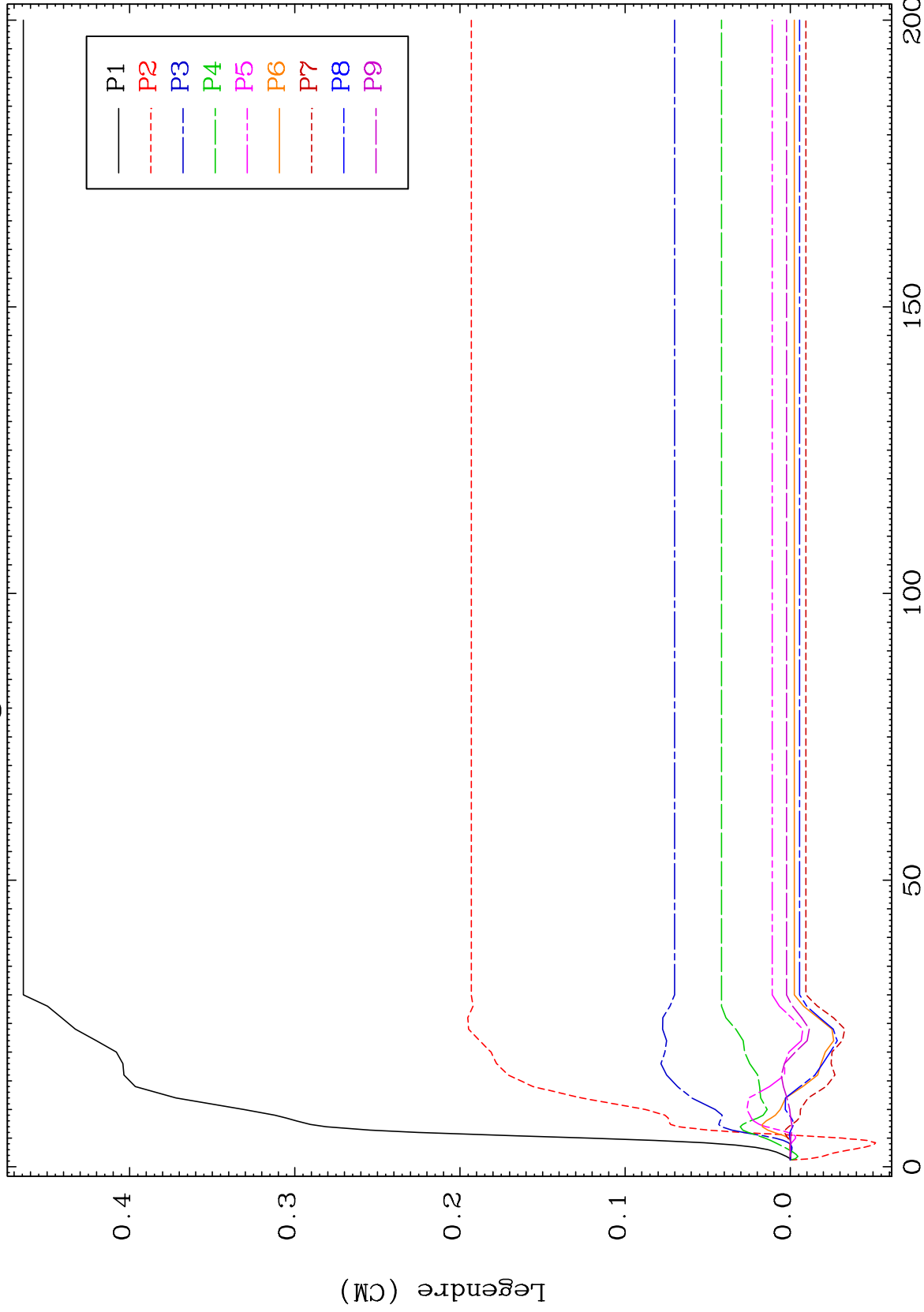
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



62-Sm-136

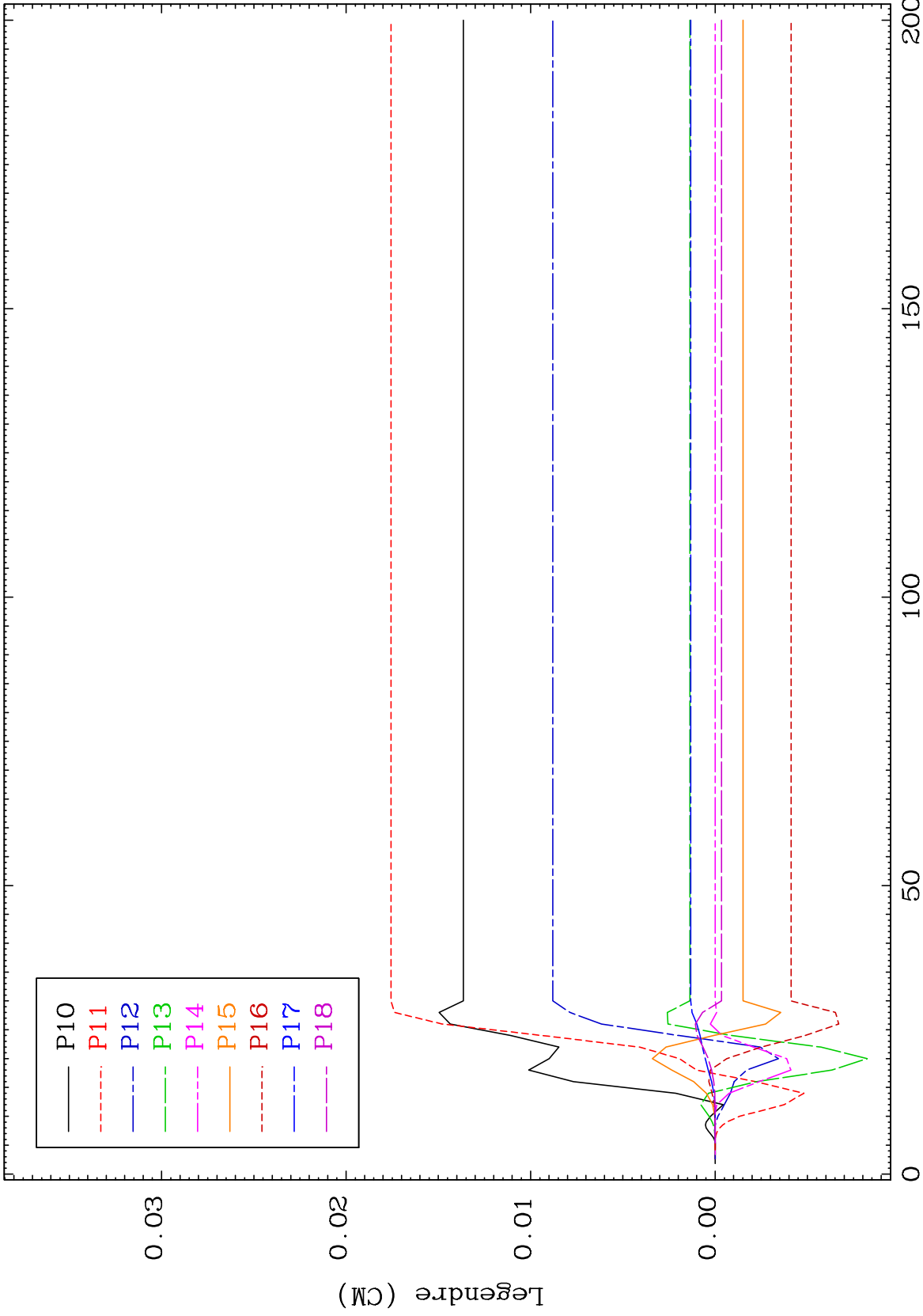
Incident Energy (MeV)

30

MAT 6201

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

62-Sm-136



31

Incident Energy (MeV)

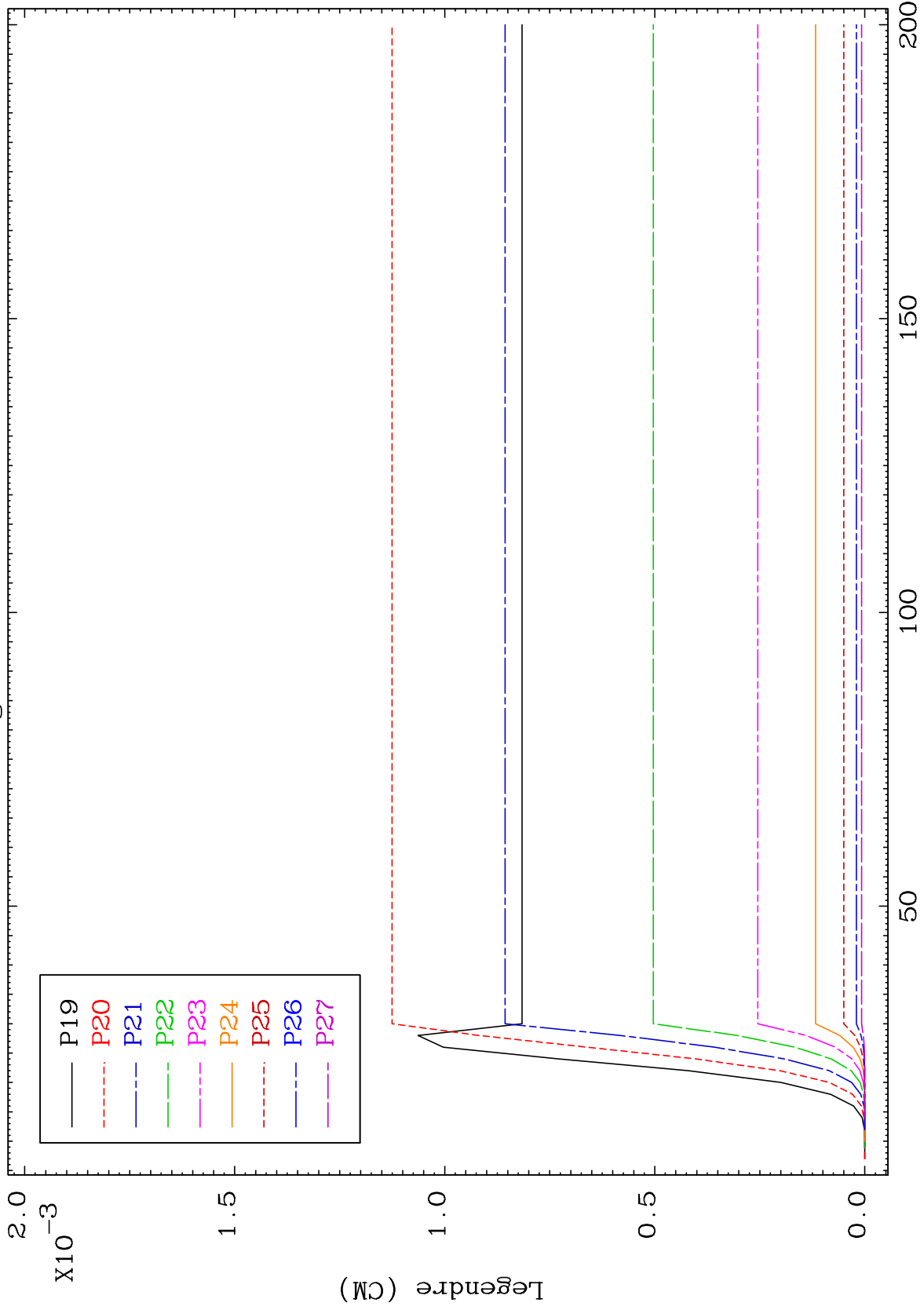
62-Sm-136



MAT 6201

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

62-Sm-136



32

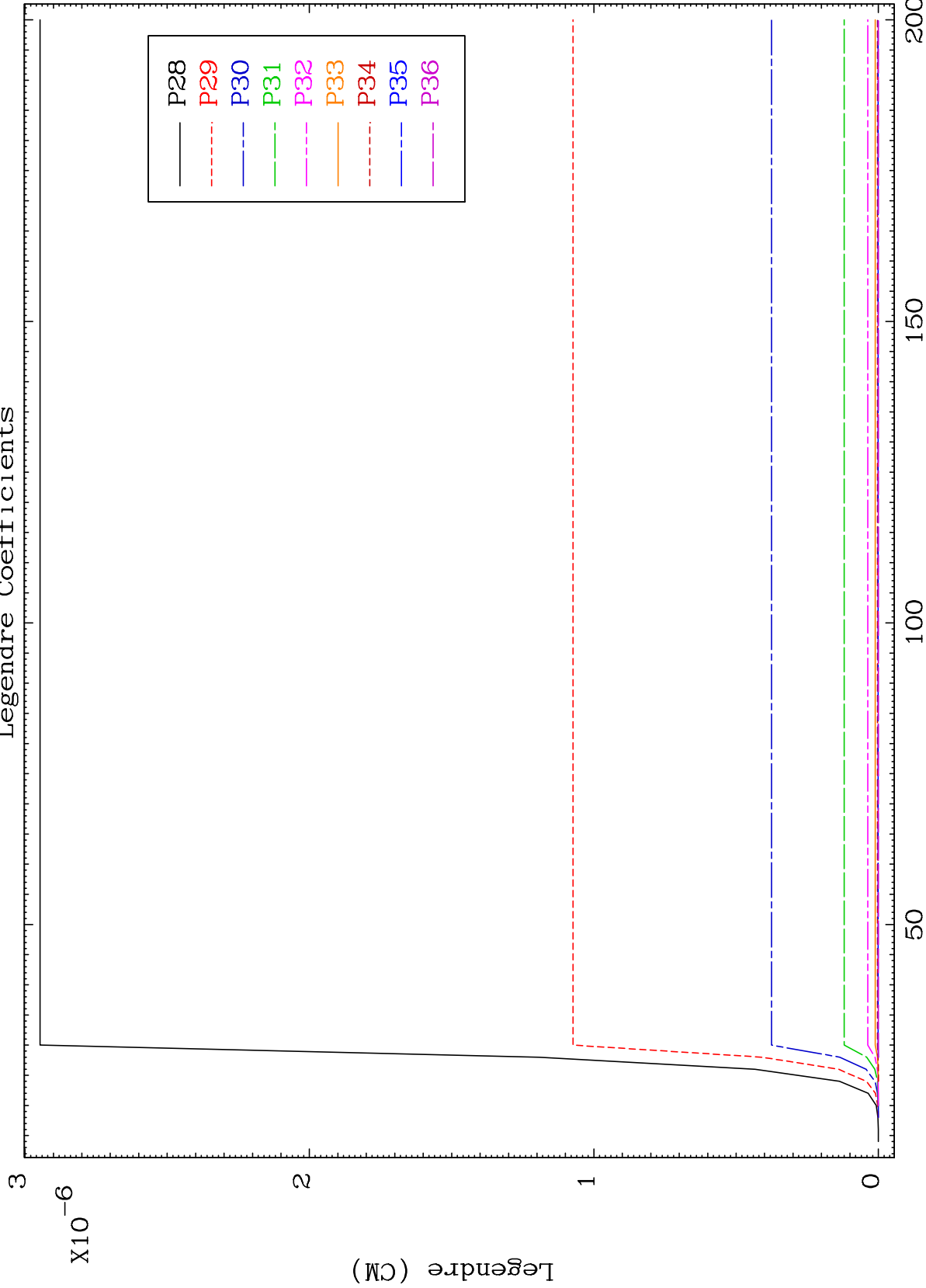
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



33

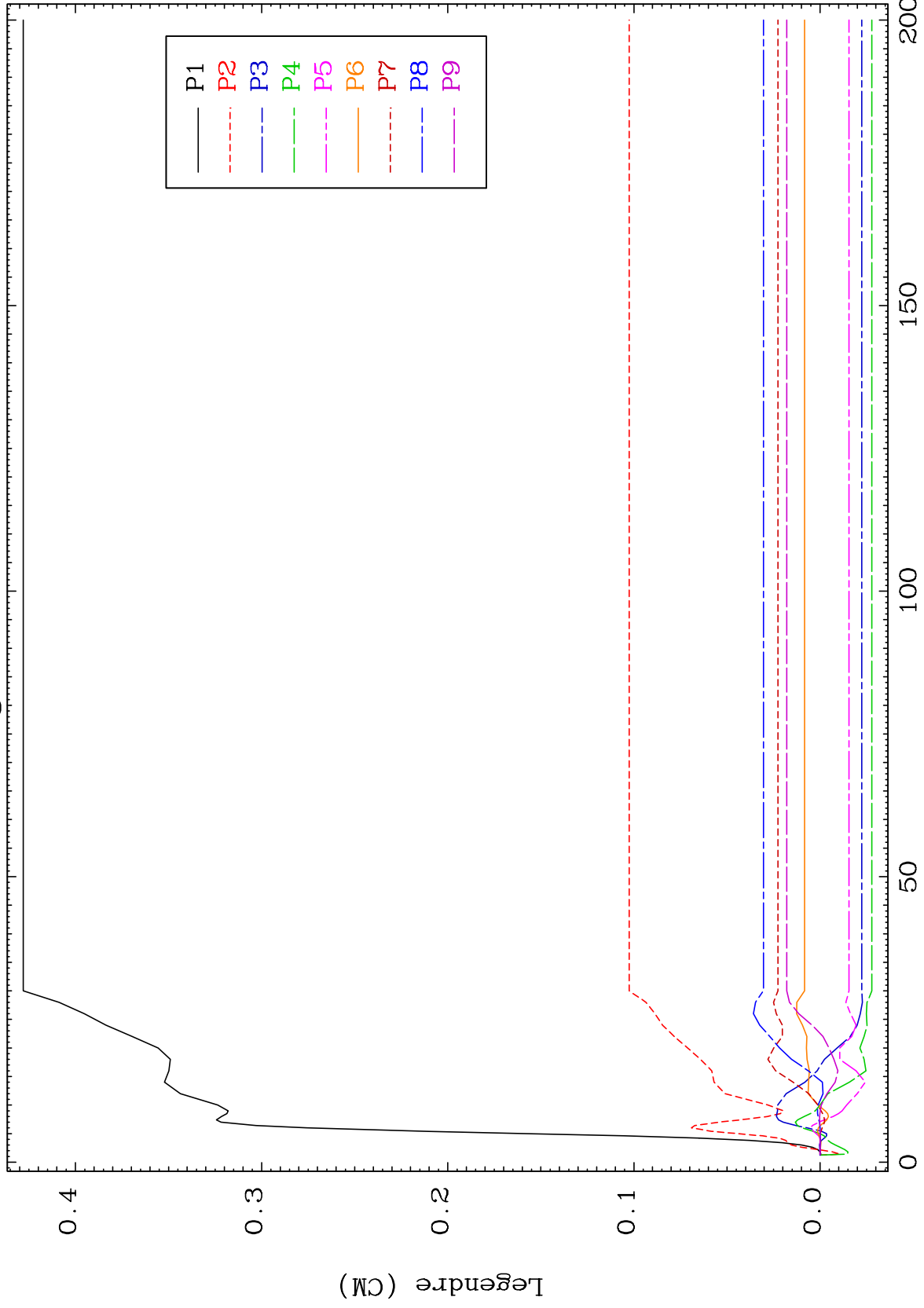
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



34

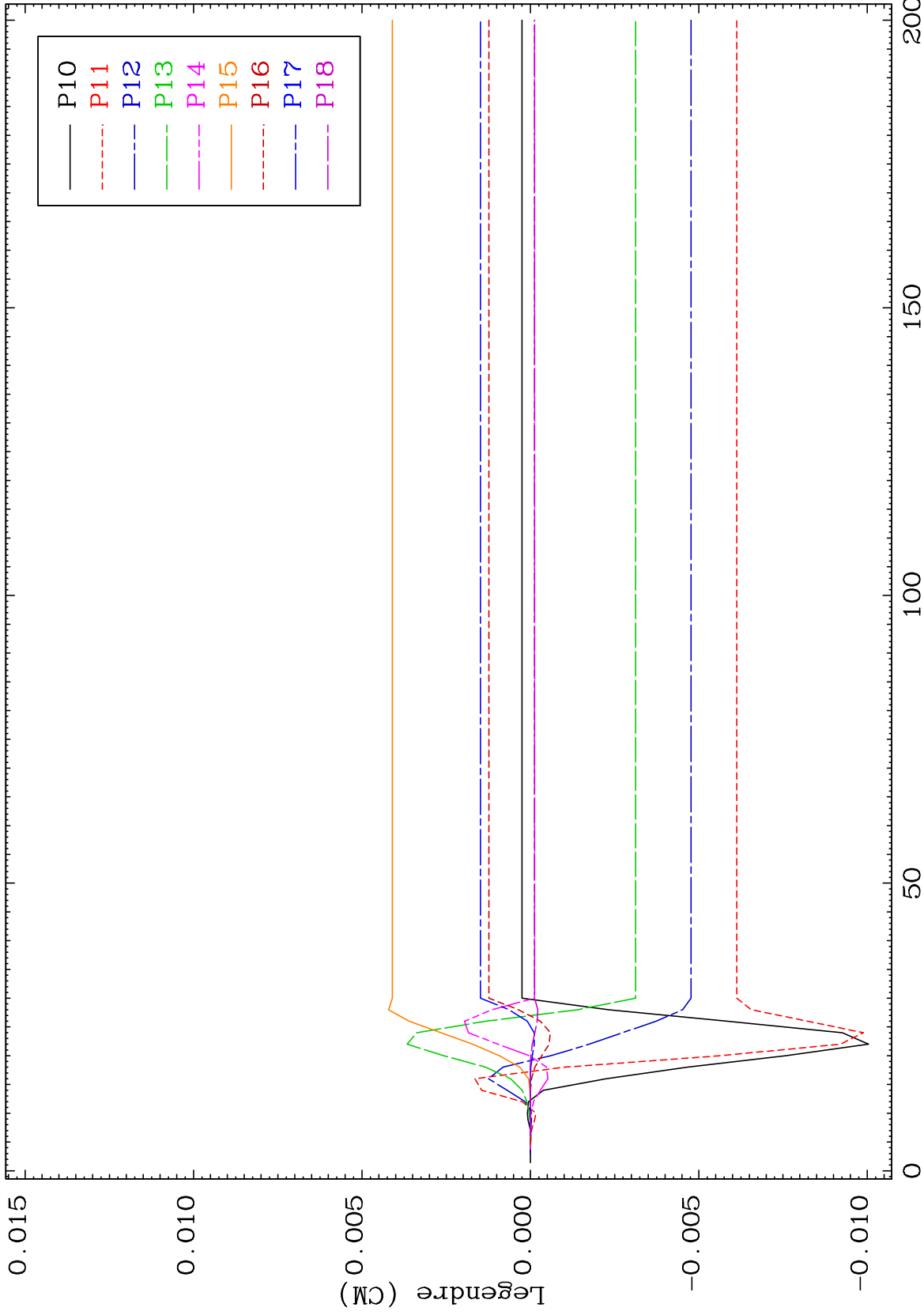
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



35

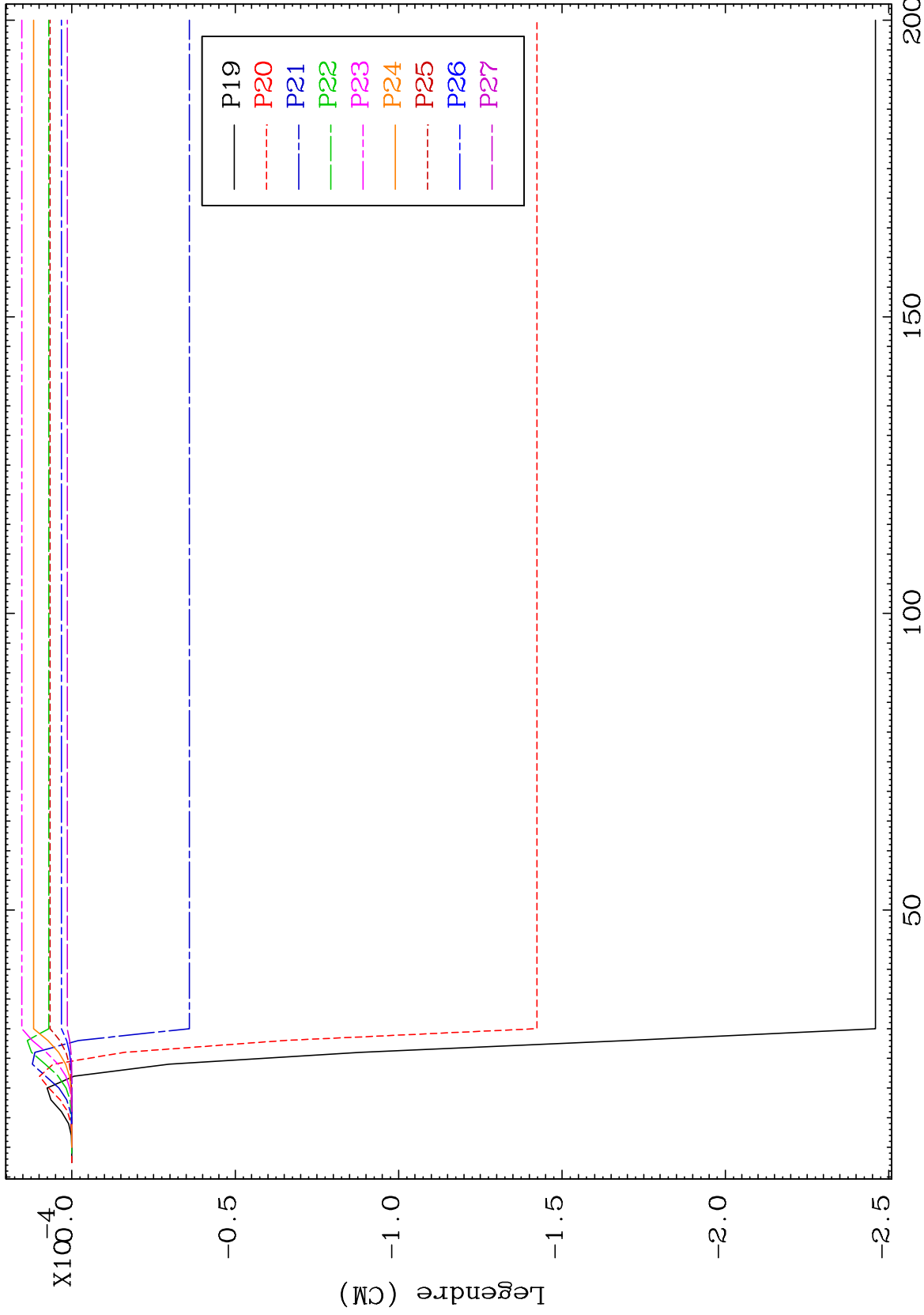
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



36

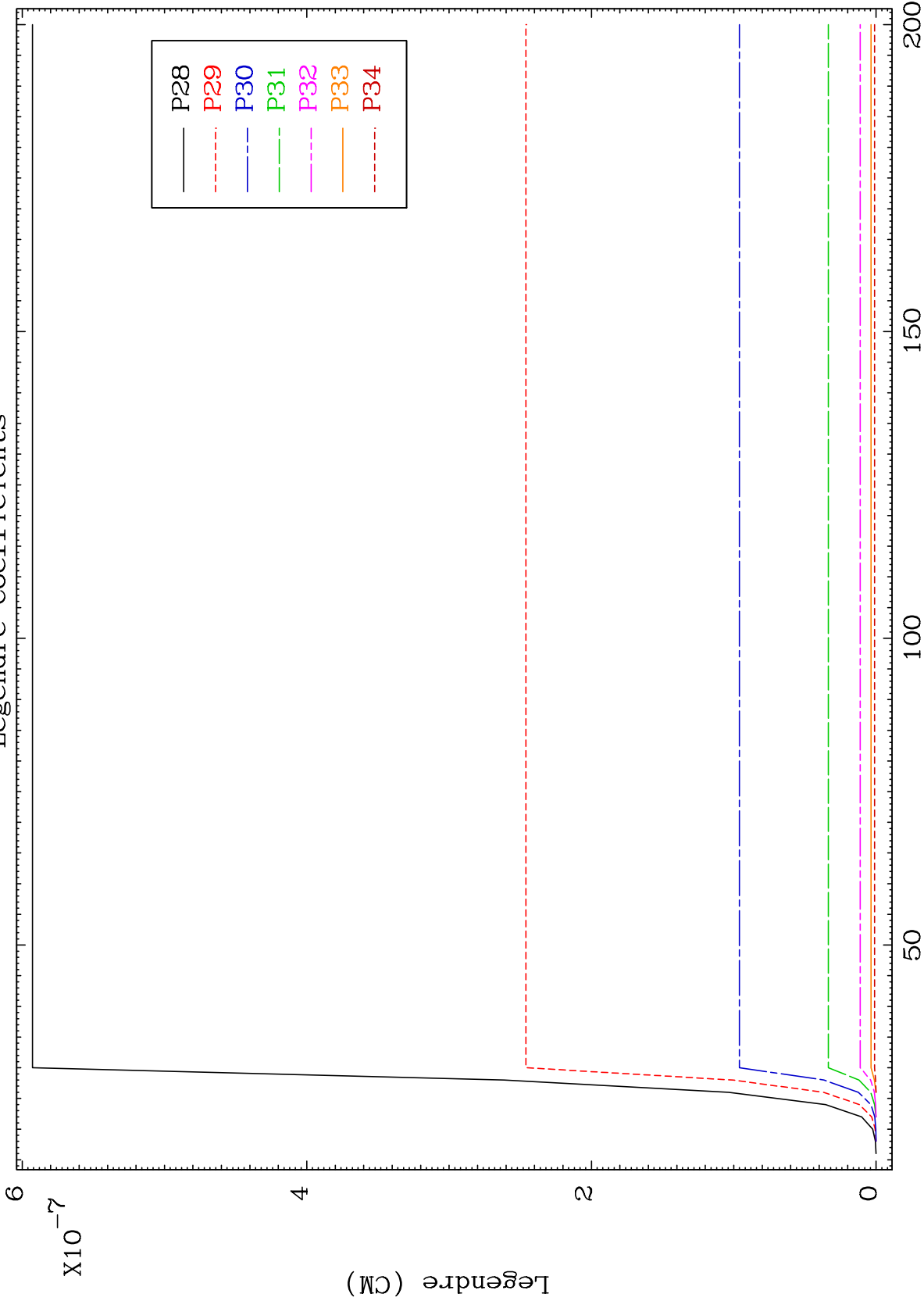
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



37

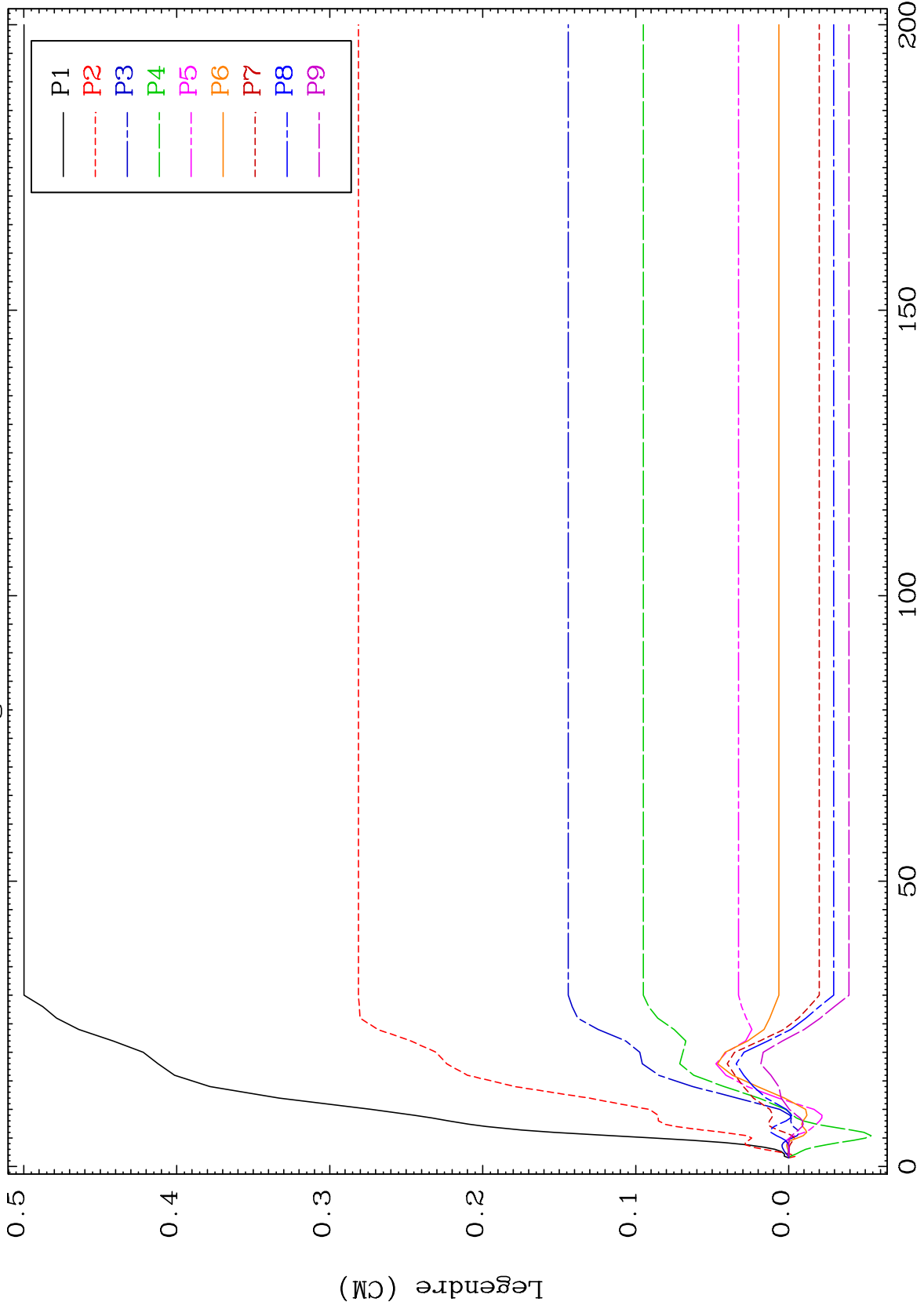
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



38

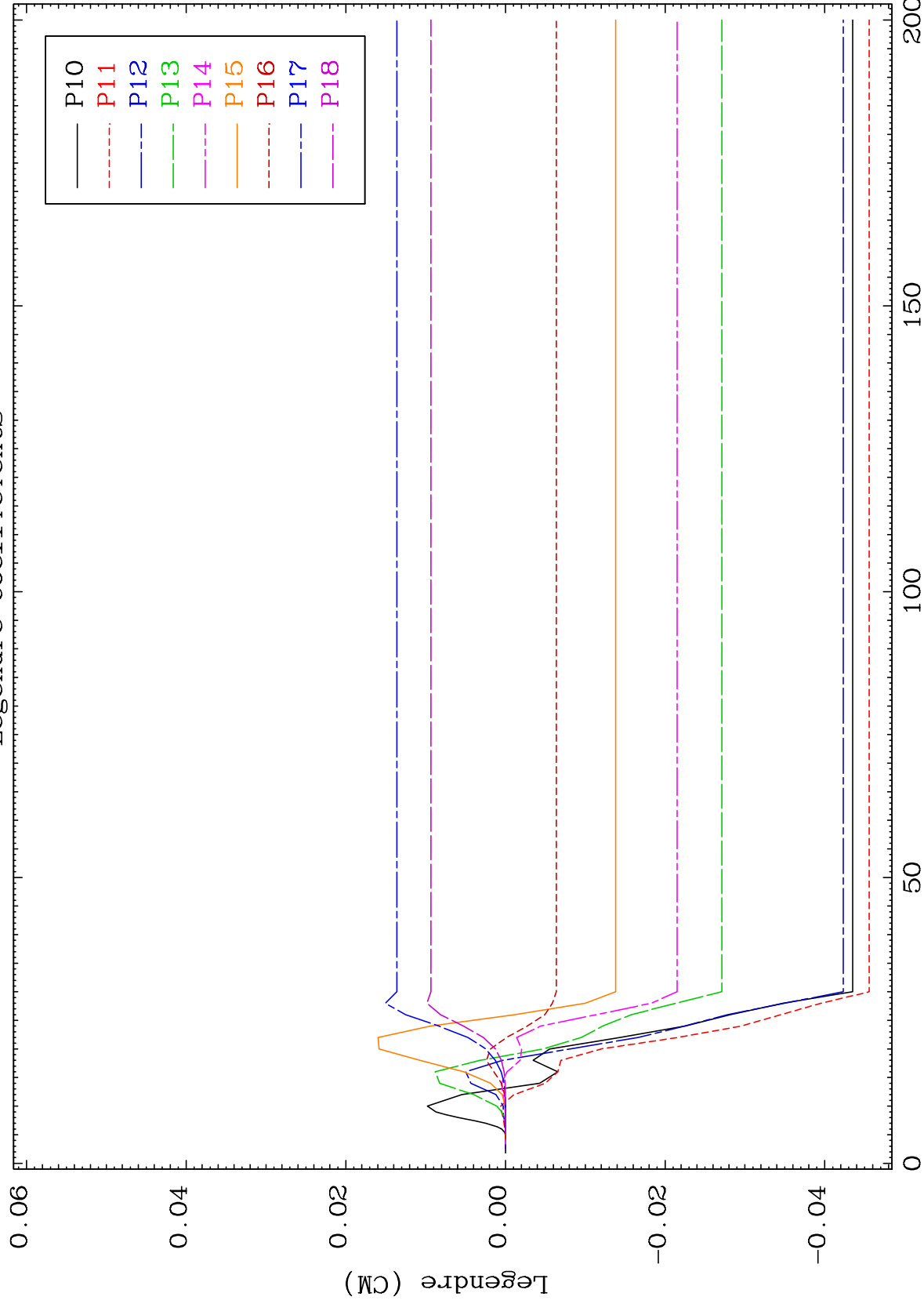
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



39

Incident Energy (MeV)

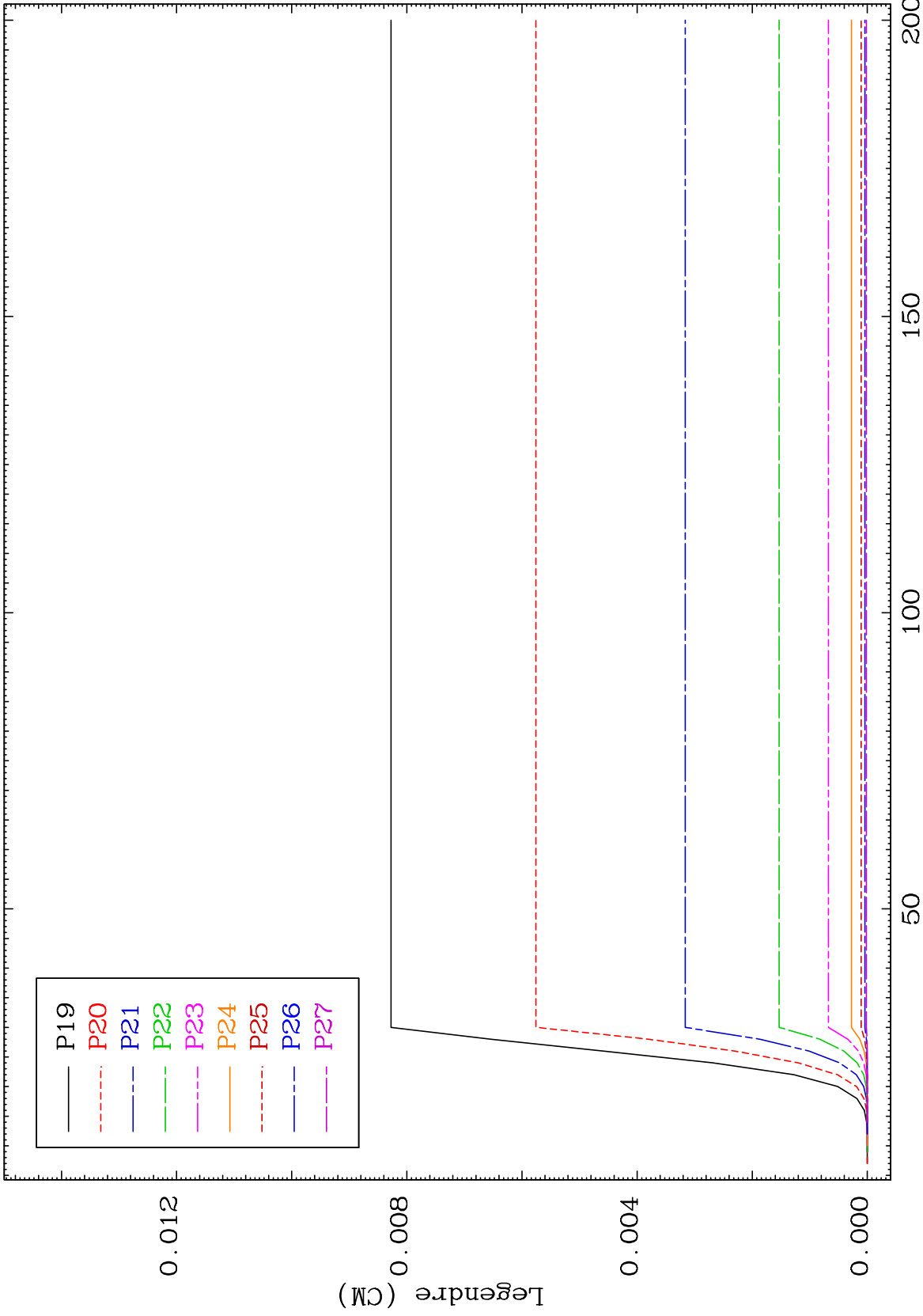
62-Sm-136



MAT 6201

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

62-Sm-136



40

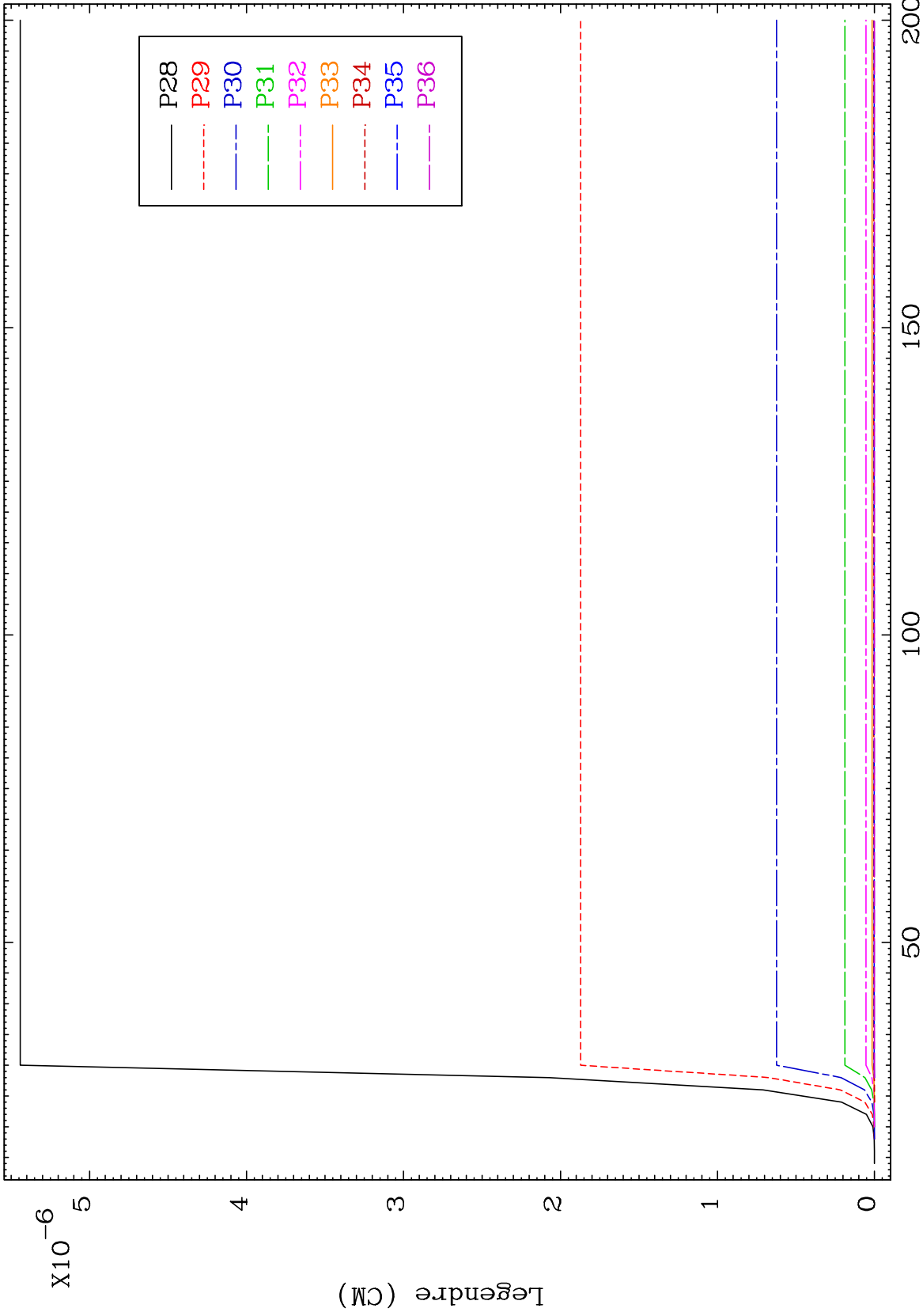
Incident Energy (MeV)

62-Sm-136

MAT 6201

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

62-Sm-136



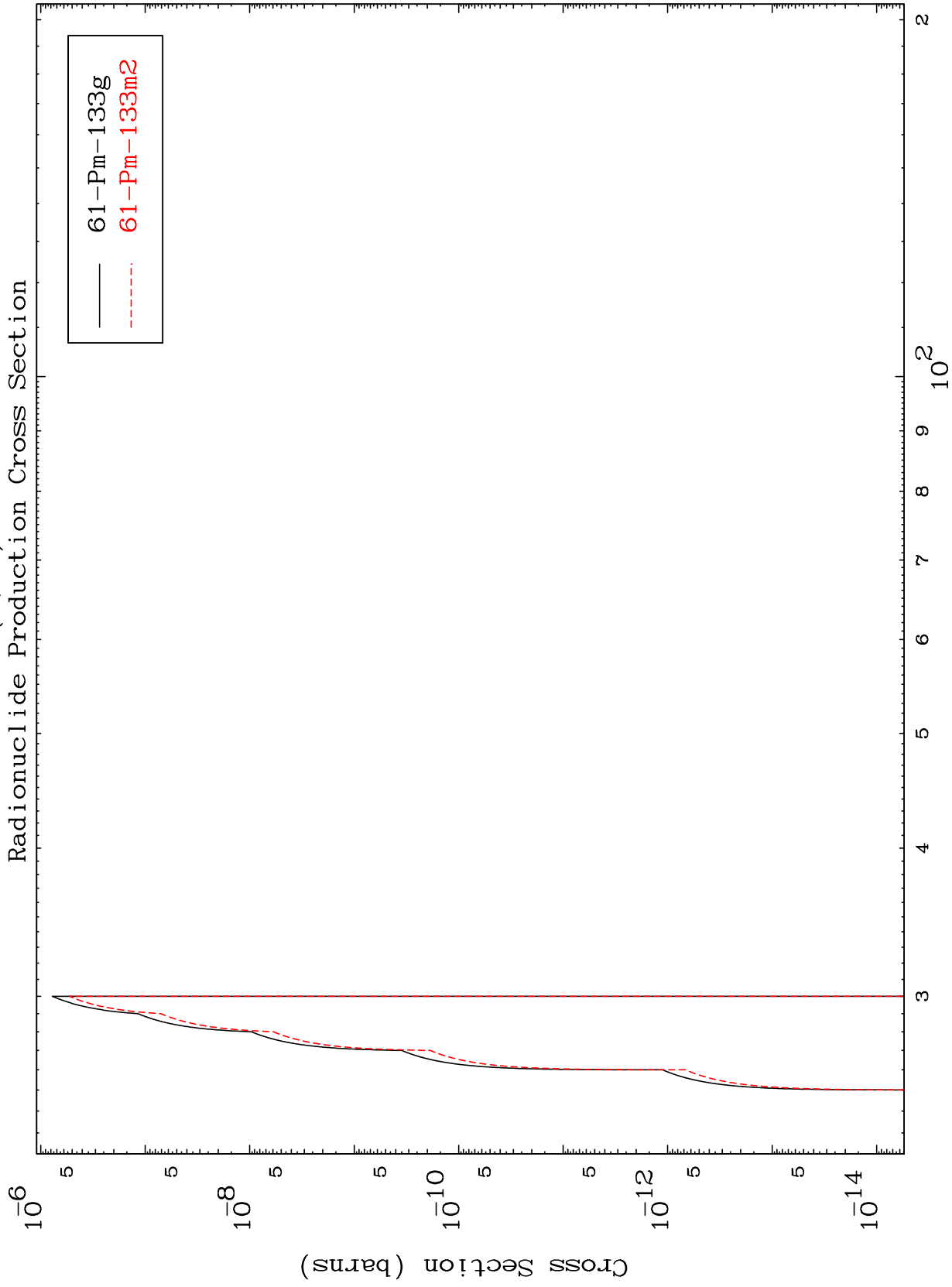
41

62-Sm-136

MAT 6201

(n,2n) d

62-Sm-136



42

Incident Energy (MeV)

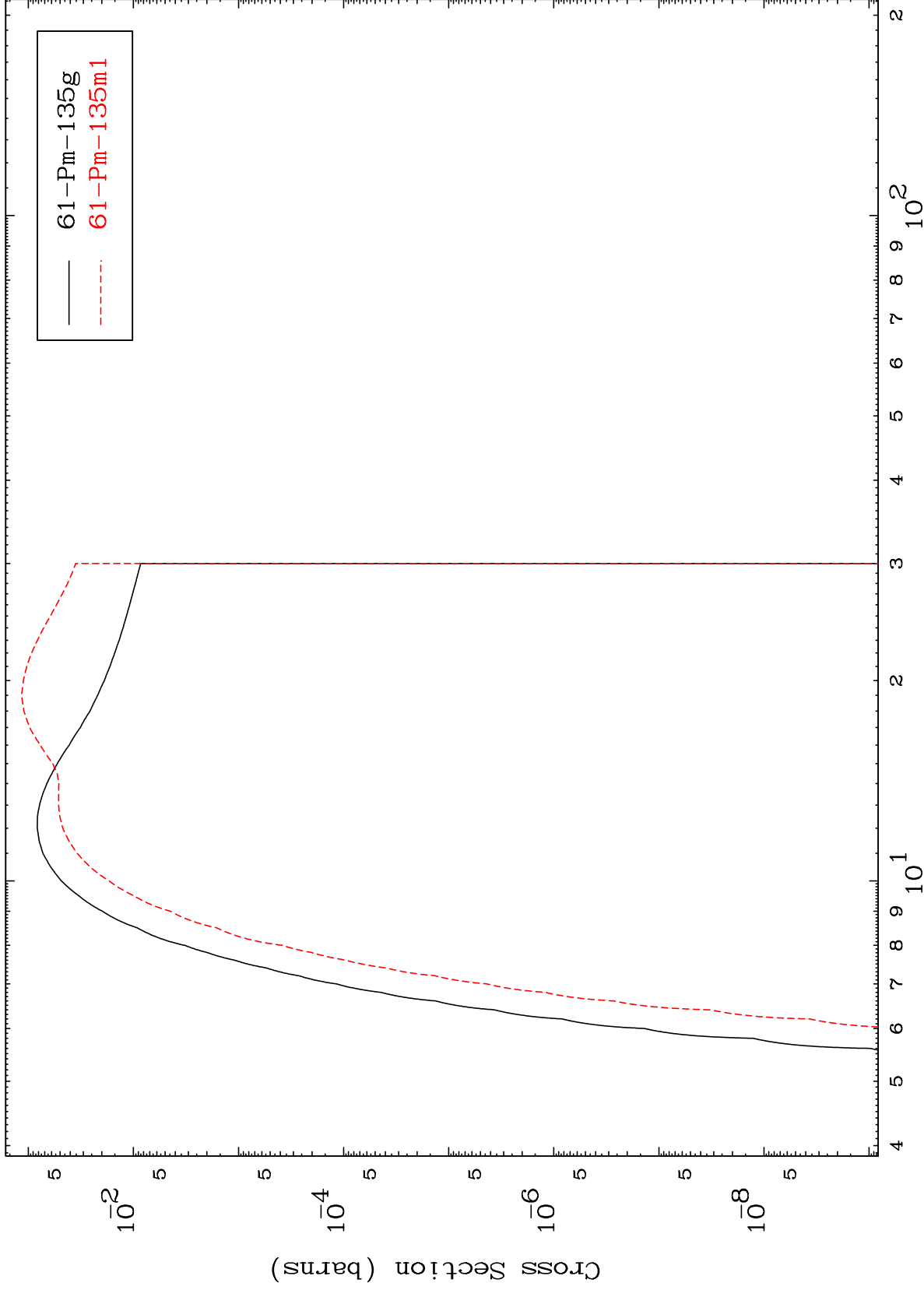
62-Sm-136

MAT 6201

(n,n') p

62-Sm-136

Radionuclide Production Cross Section



43

Incident Energy (MeV)

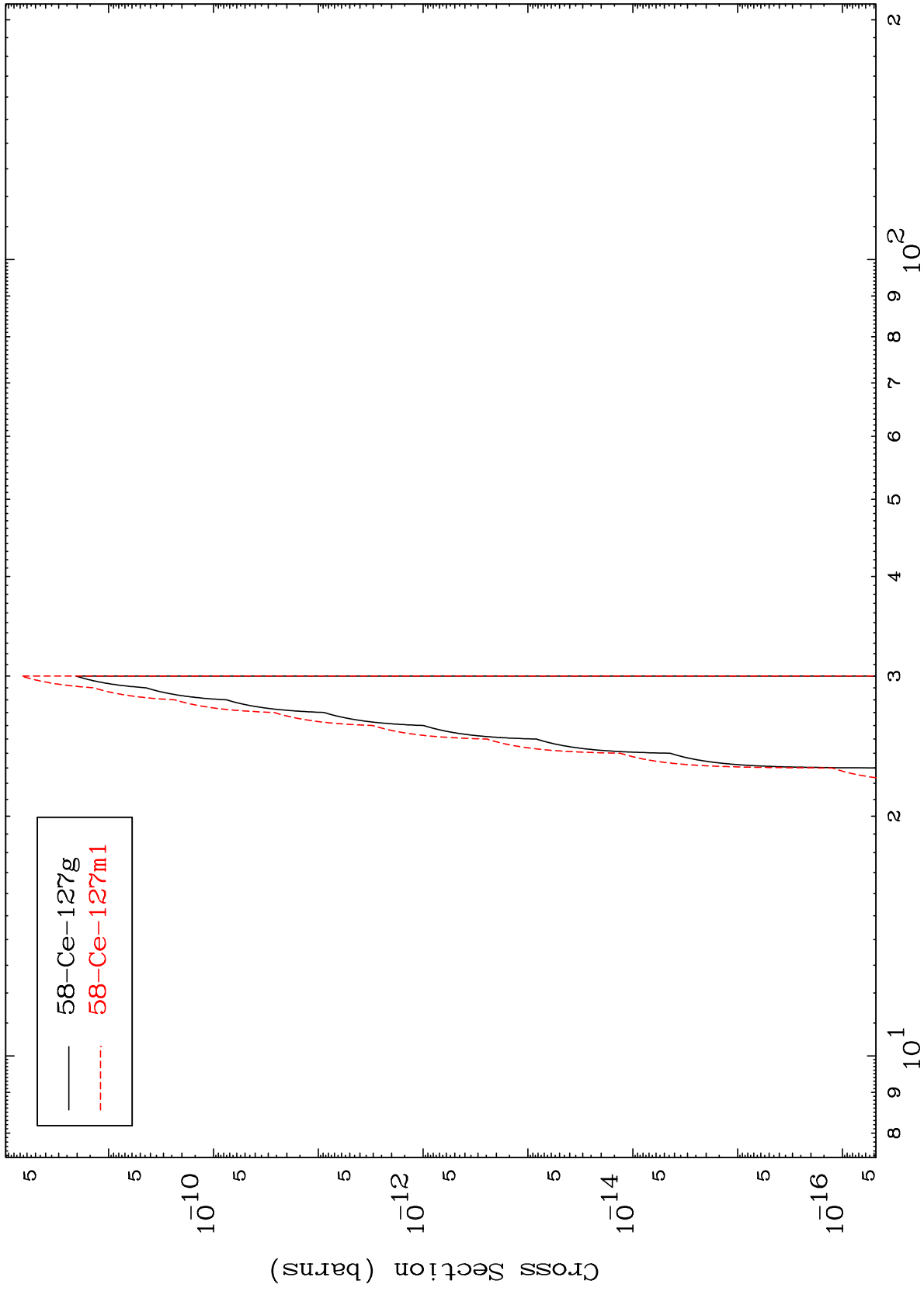
62-Sm-136

MAT 6201

(n,2n) 2 $\alpha$

62-Sm-136

Radionuclide Production Cross Section



44

Incident Energy (MeV)

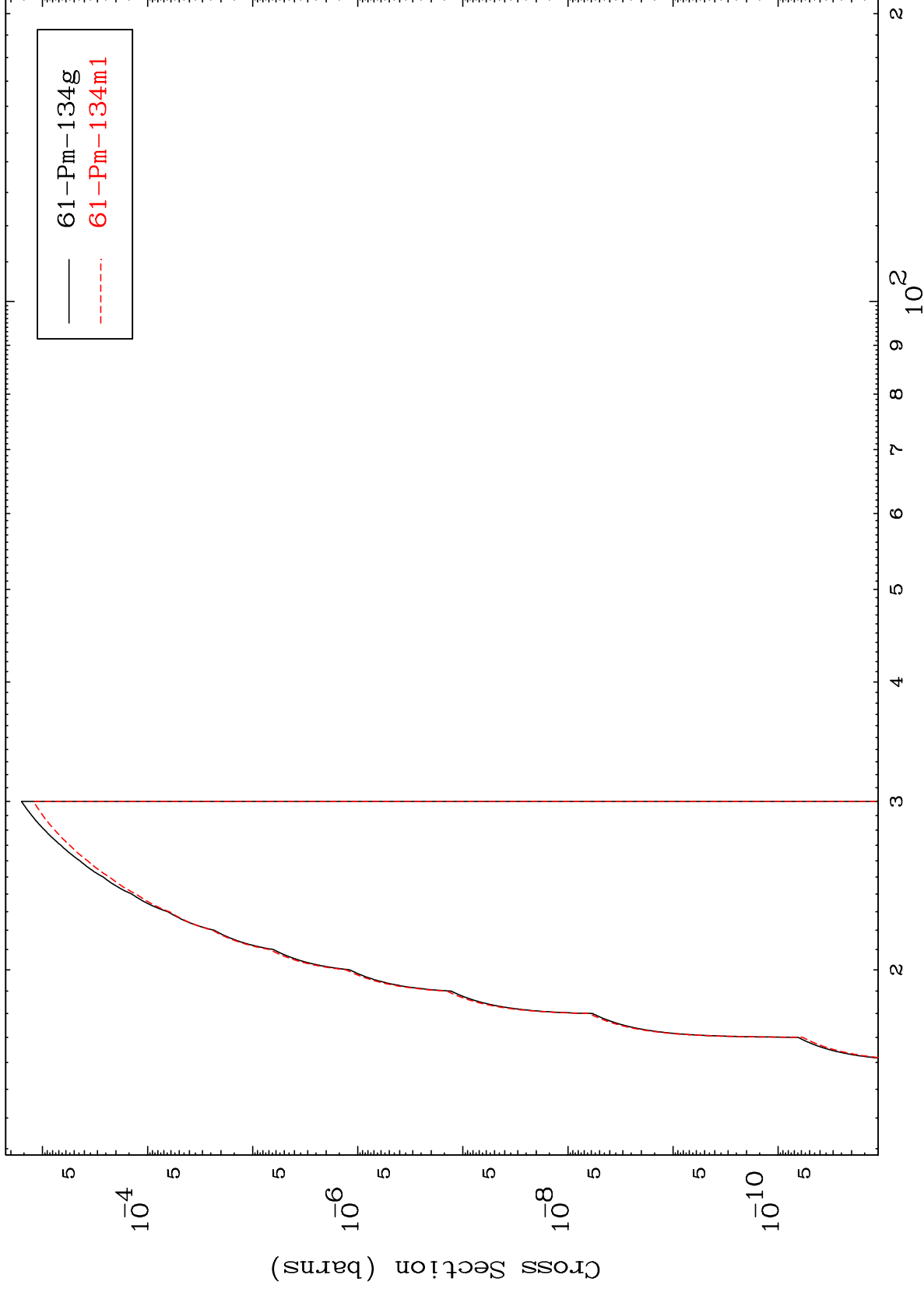
62-Sm-136

MAT 6201

(n,n') d

62-Sm-136

Radionuclide Production Cross Section



45

Incident Energy (MeV)

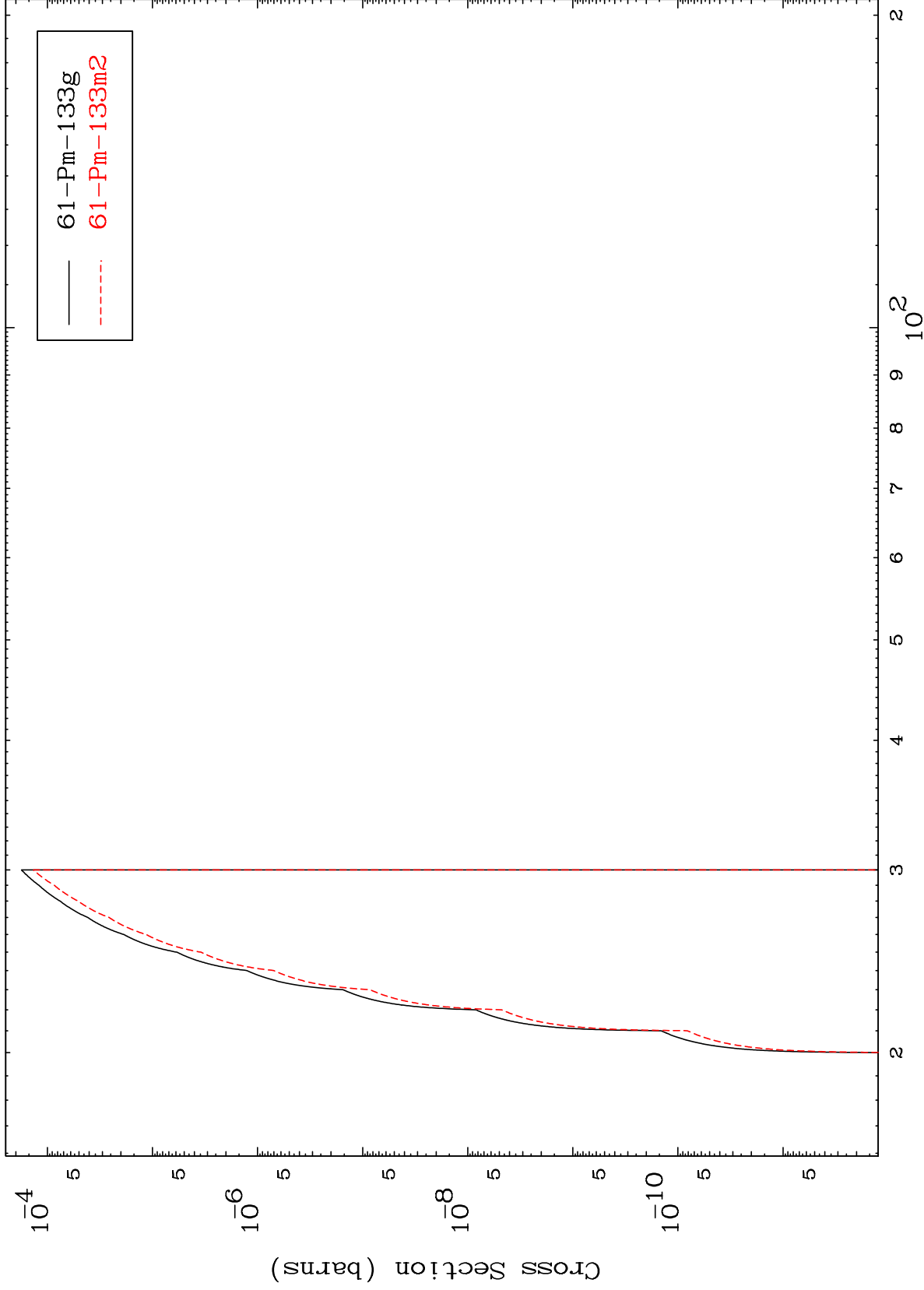
62-Sm-136

MAT 6201

(n,n') t

62-Sm-136

Radionuclide Production Cross Section



46

Incident Energy (MeV)

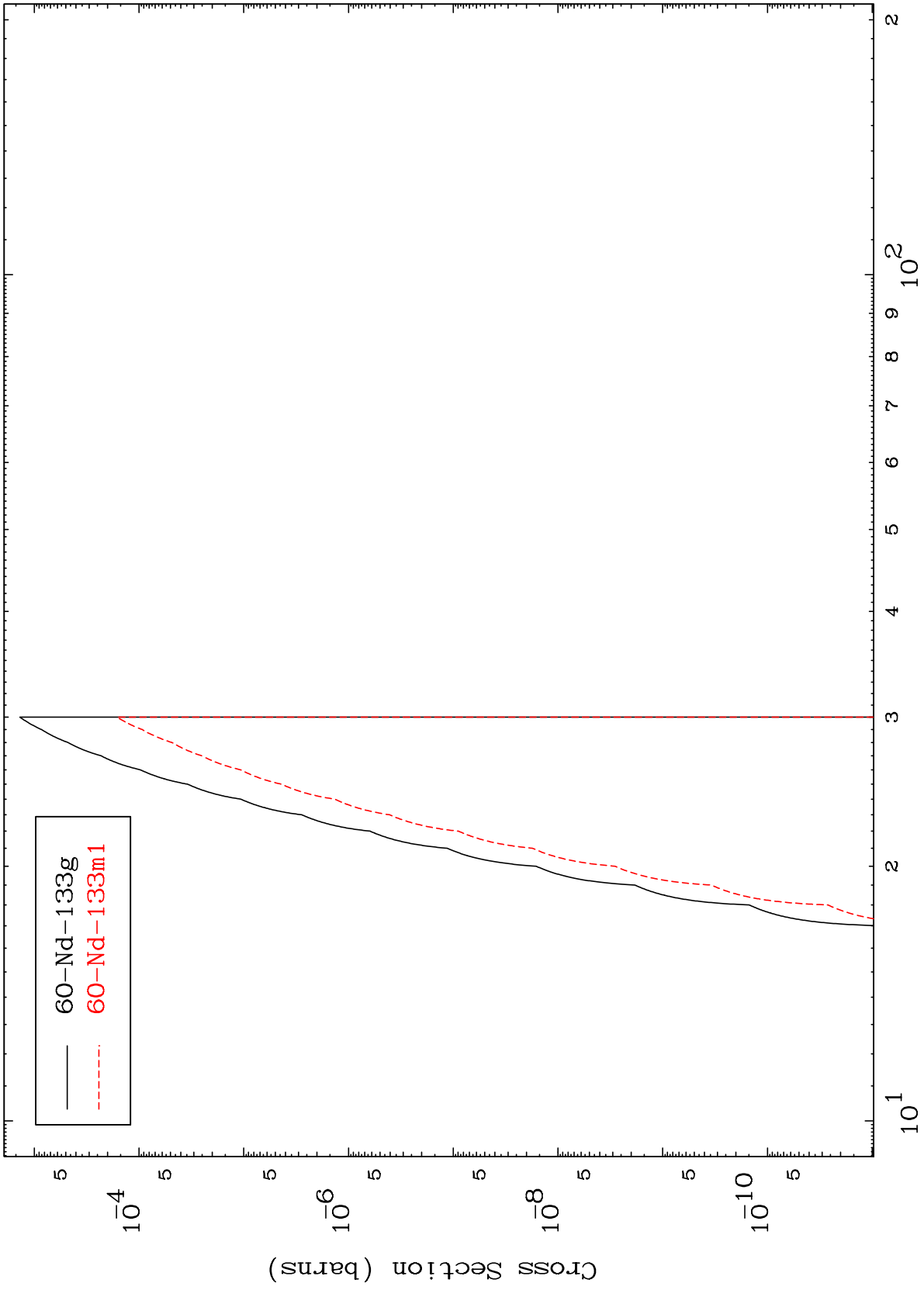
62-Sm-136

MAT 6201

(n, n') He-3

62-Sm-136

Radionuclide Production Cross Section



47

Incident Energy (MeV)

62-Sm-136

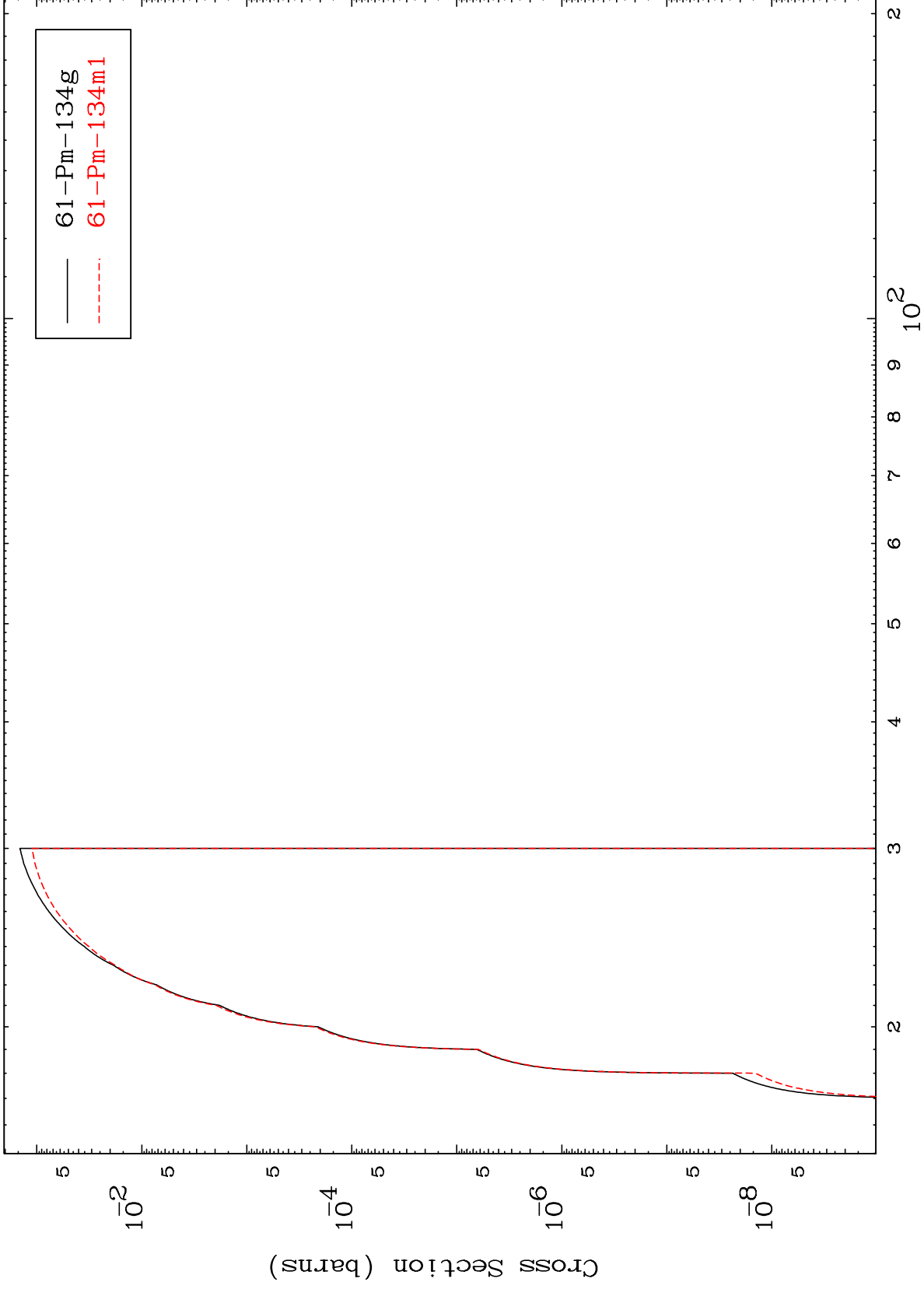


MAT 6201

(n,2n) p

62-Sm-136

Radionuclide Production Cross Section



48

Incident Energy (MeV)

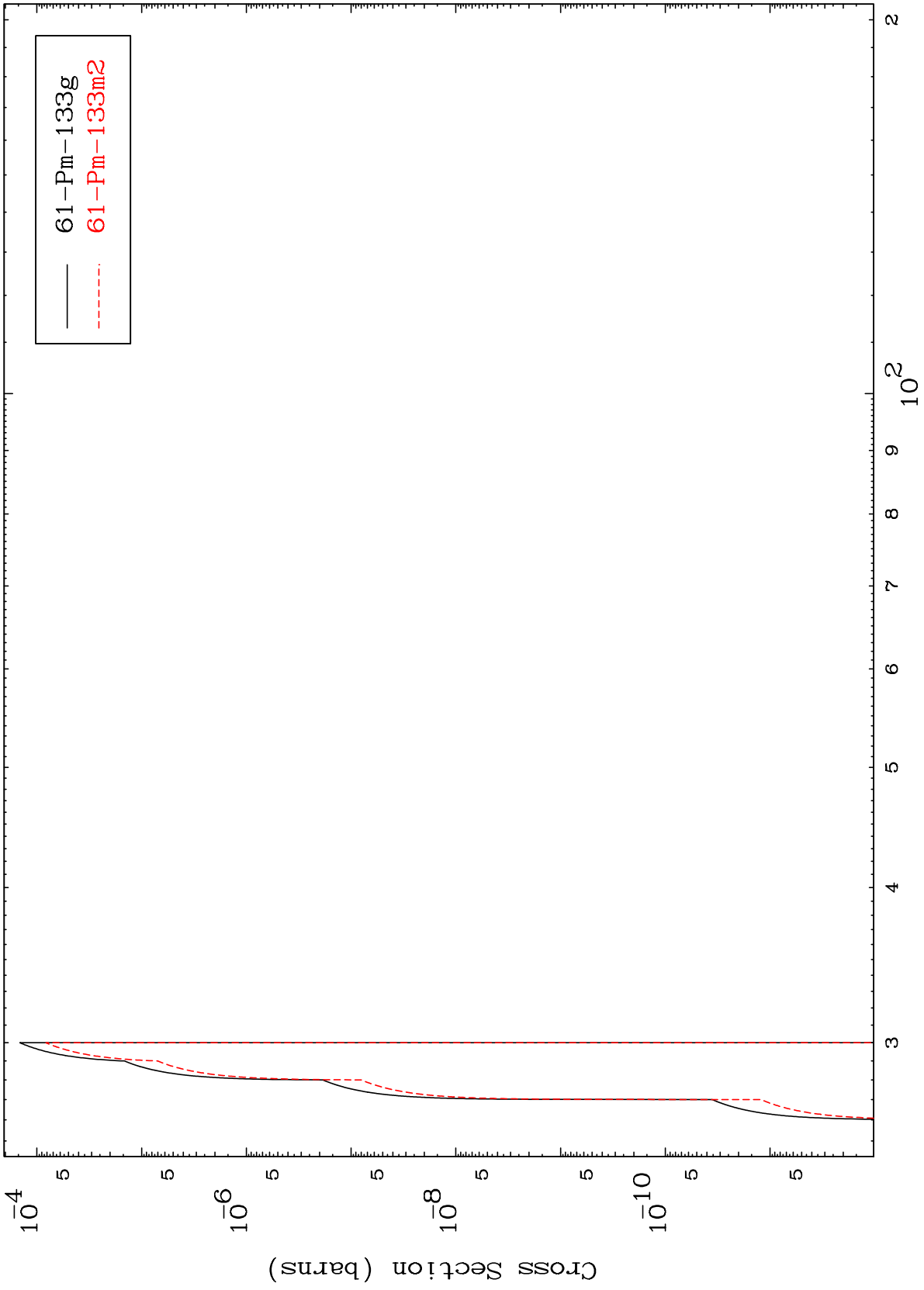
62-Sm-136

MAT 6201

(n,3n) p

62-Sm-136

Radionuclide Production Cross Section



49

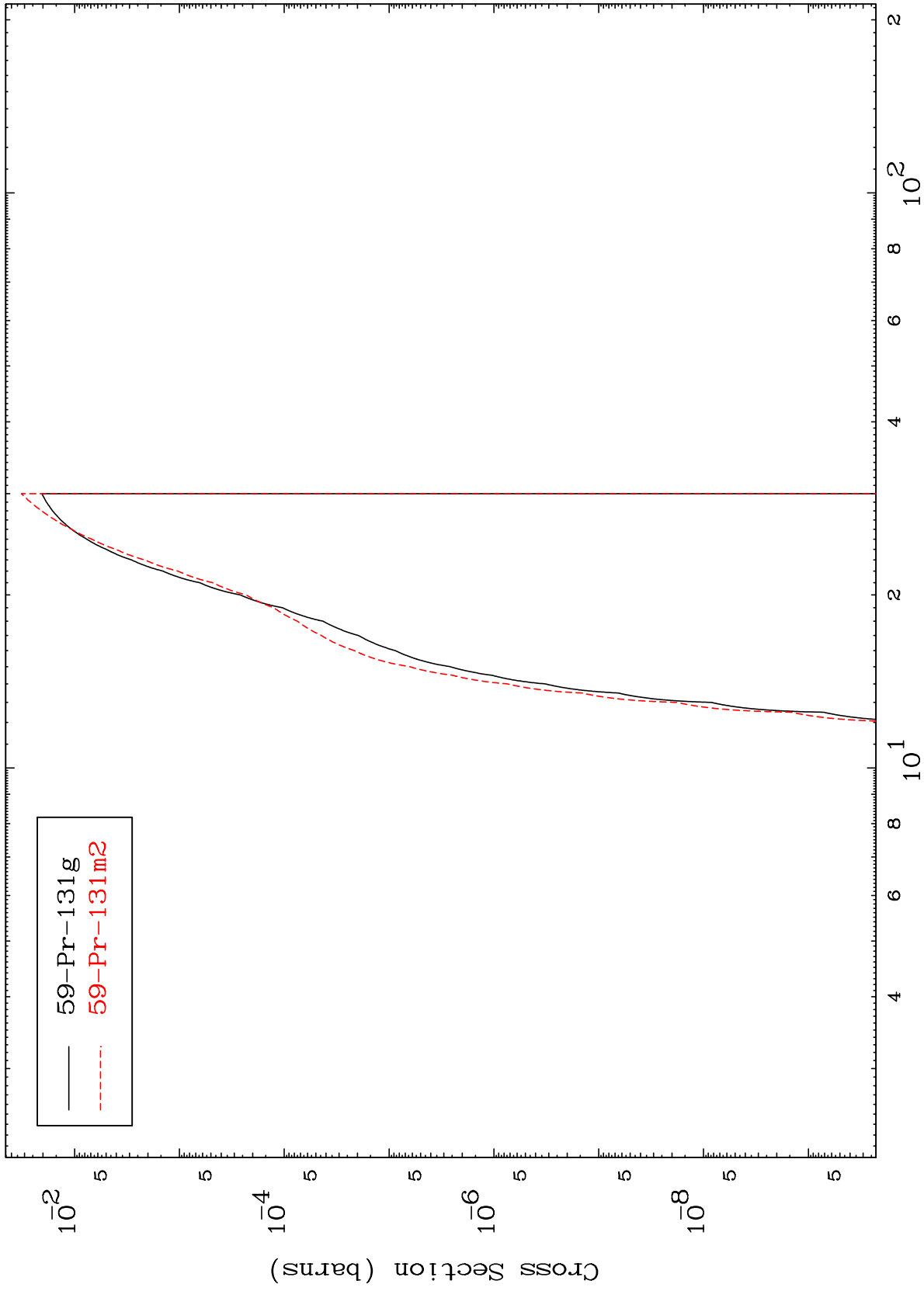
Incident Energy (MeV)

62-Sm-136

MAT 6201

62-Sm-136

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



50

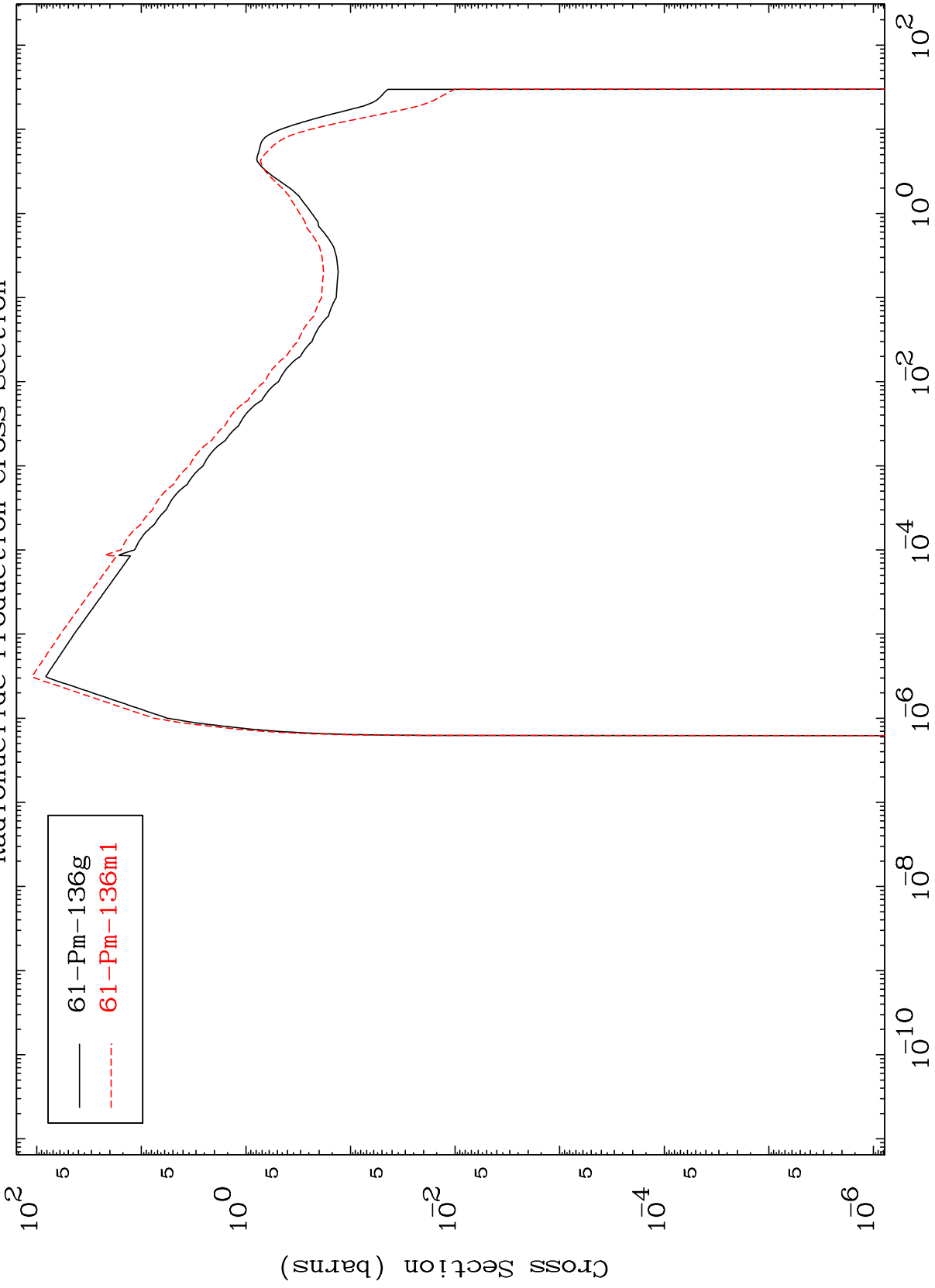
Incident Energy (MeV)

62-Sm-136

MAT 6201

62-Sm-136

(n,p)  
Radionuclide Production Cross Section

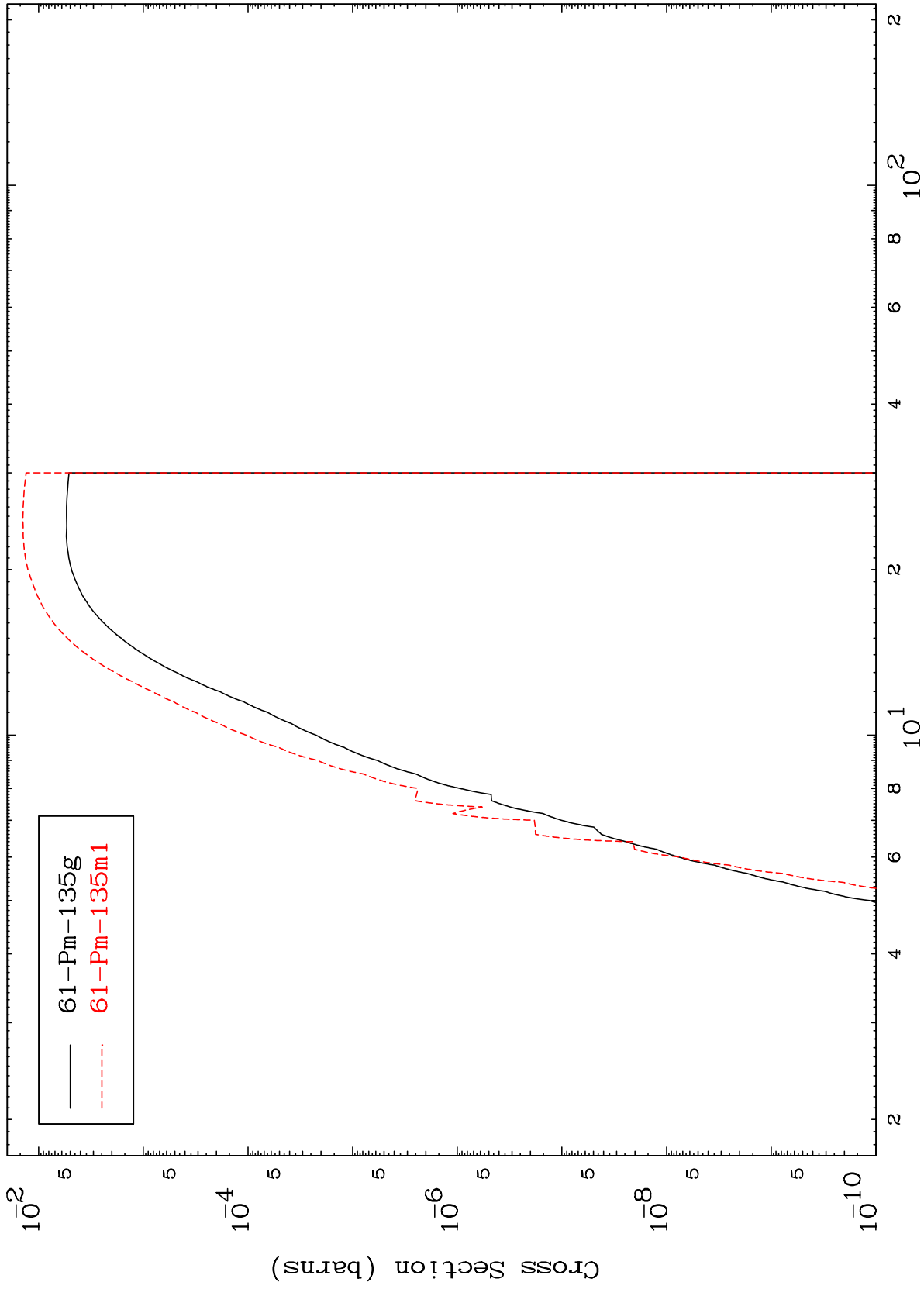


61-Pm-136g  
61-Pm-136m1

MAT 6201

62-Sm-136

(n,d)  
Radionuclide Production Cross Section



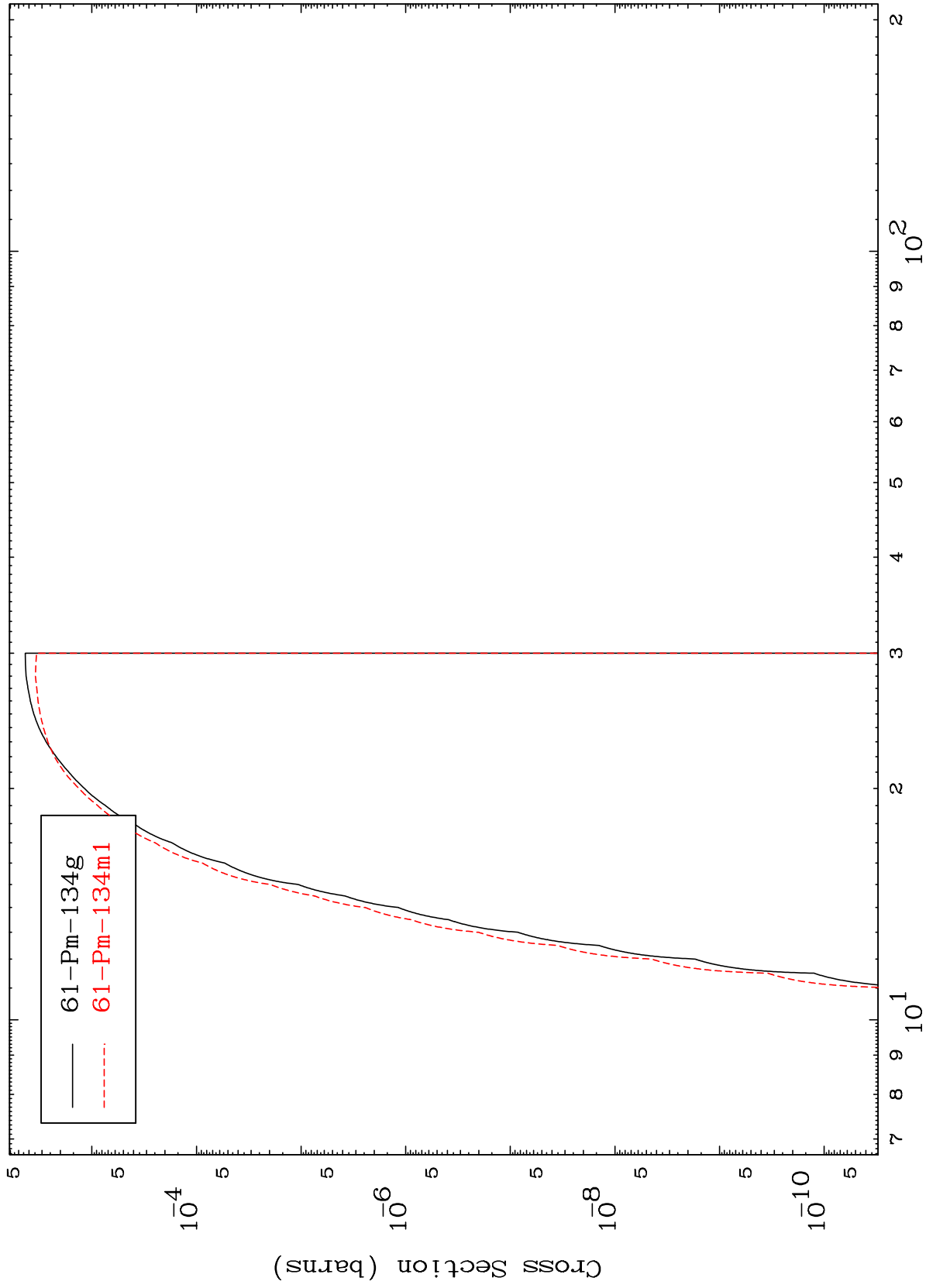
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62-Sm-136

MAT 6201

62-Sm-136

(n, t)  
Radionuclide Production Cross Section



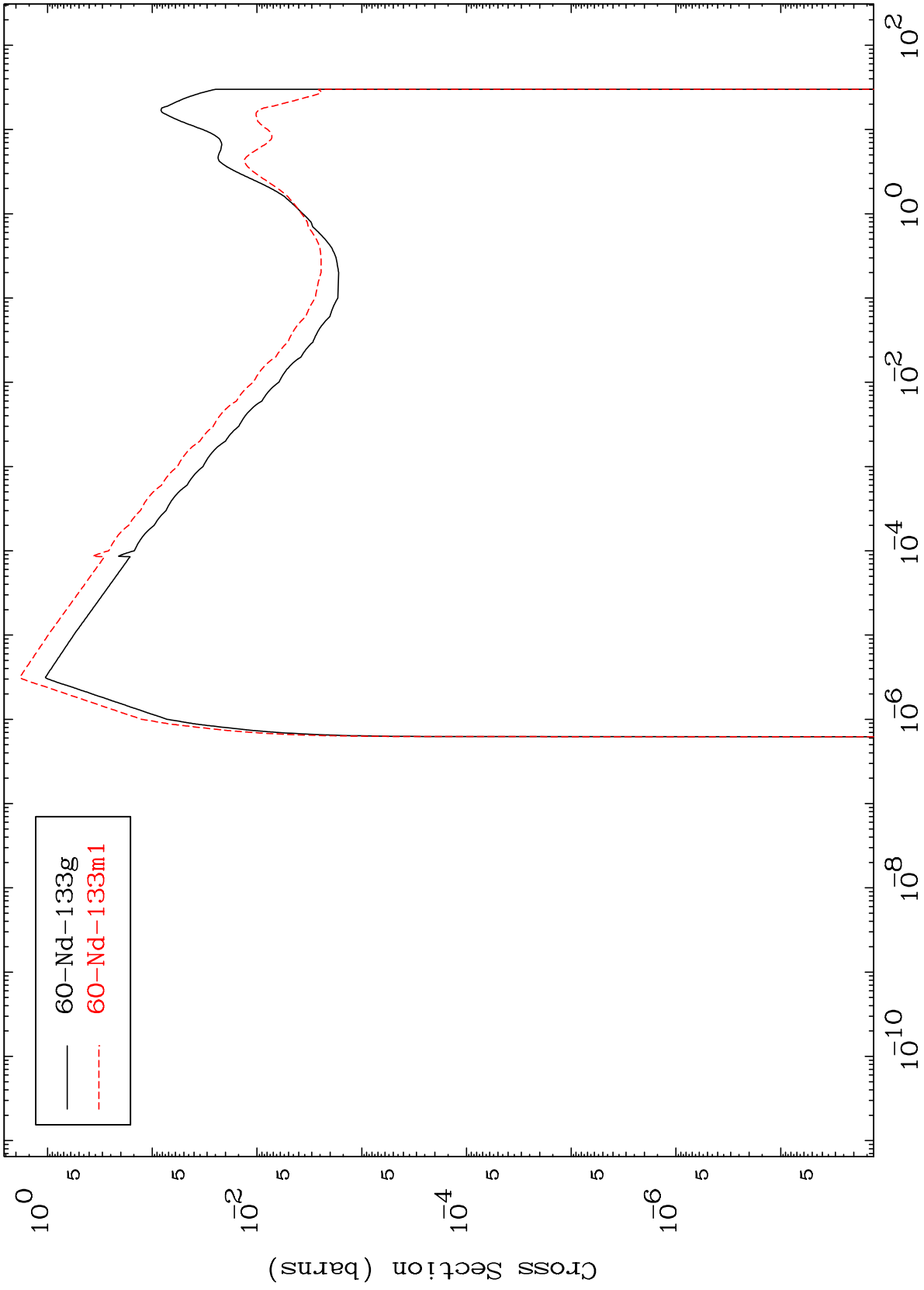
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62-Sm-136

MAT 6201

62-Sm-136

Radionuclide Production Cross Section  
(n,  $\alpha$ )



54

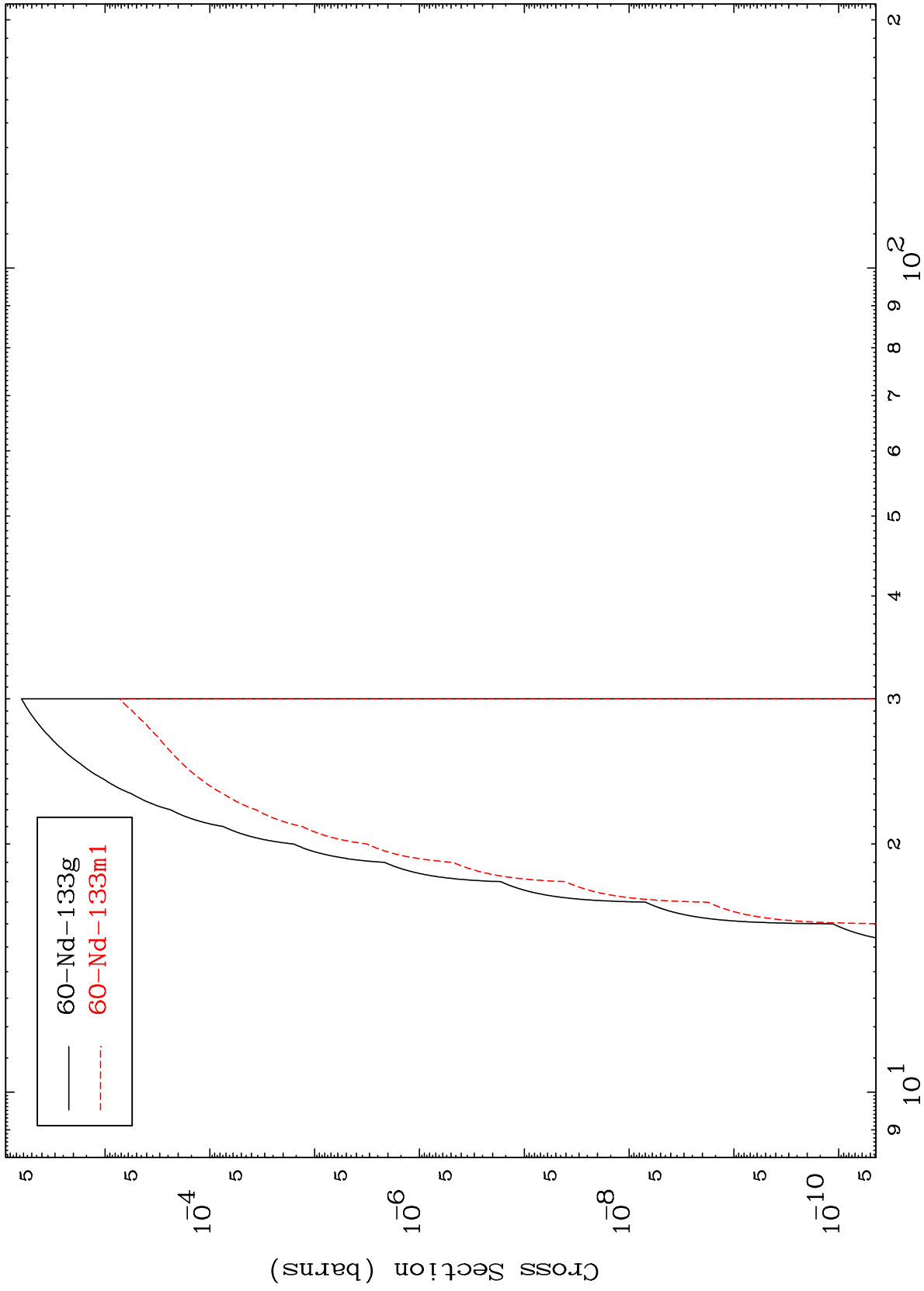
62-Sm-136

MAT 6201

(n,p) t

62-Sm-136

Radionuclide Production Cross Section



55

Incident Energy (MeV)

62-Sm-136

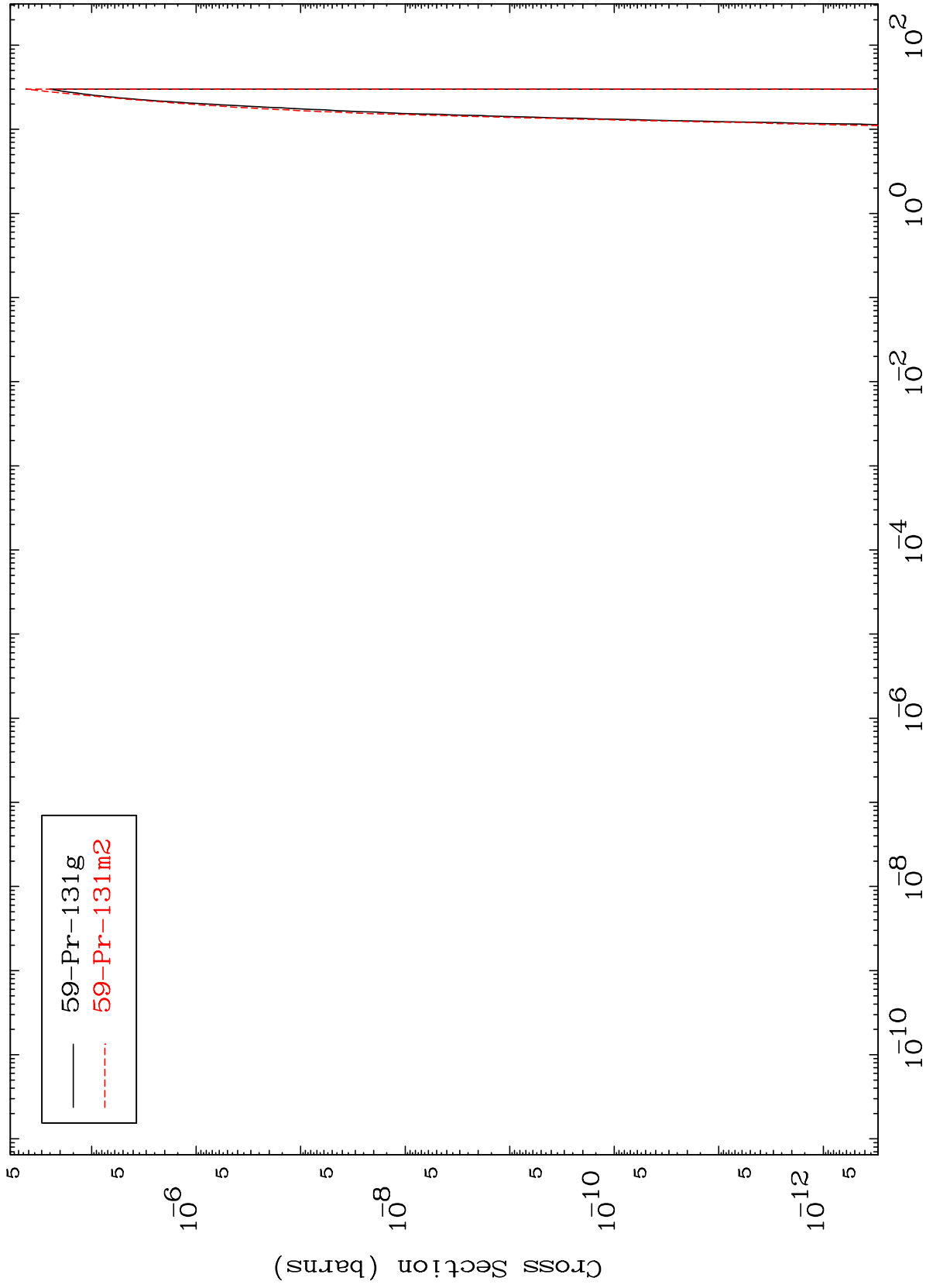


MAT 6201

(n,d)  $\alpha$

62-Sm-136

Radionuclide Production Cross Section



56

Incident Energy (MeV)

62-Sm-136