

Program EVALPLOT  
(Version 2018-1)

by

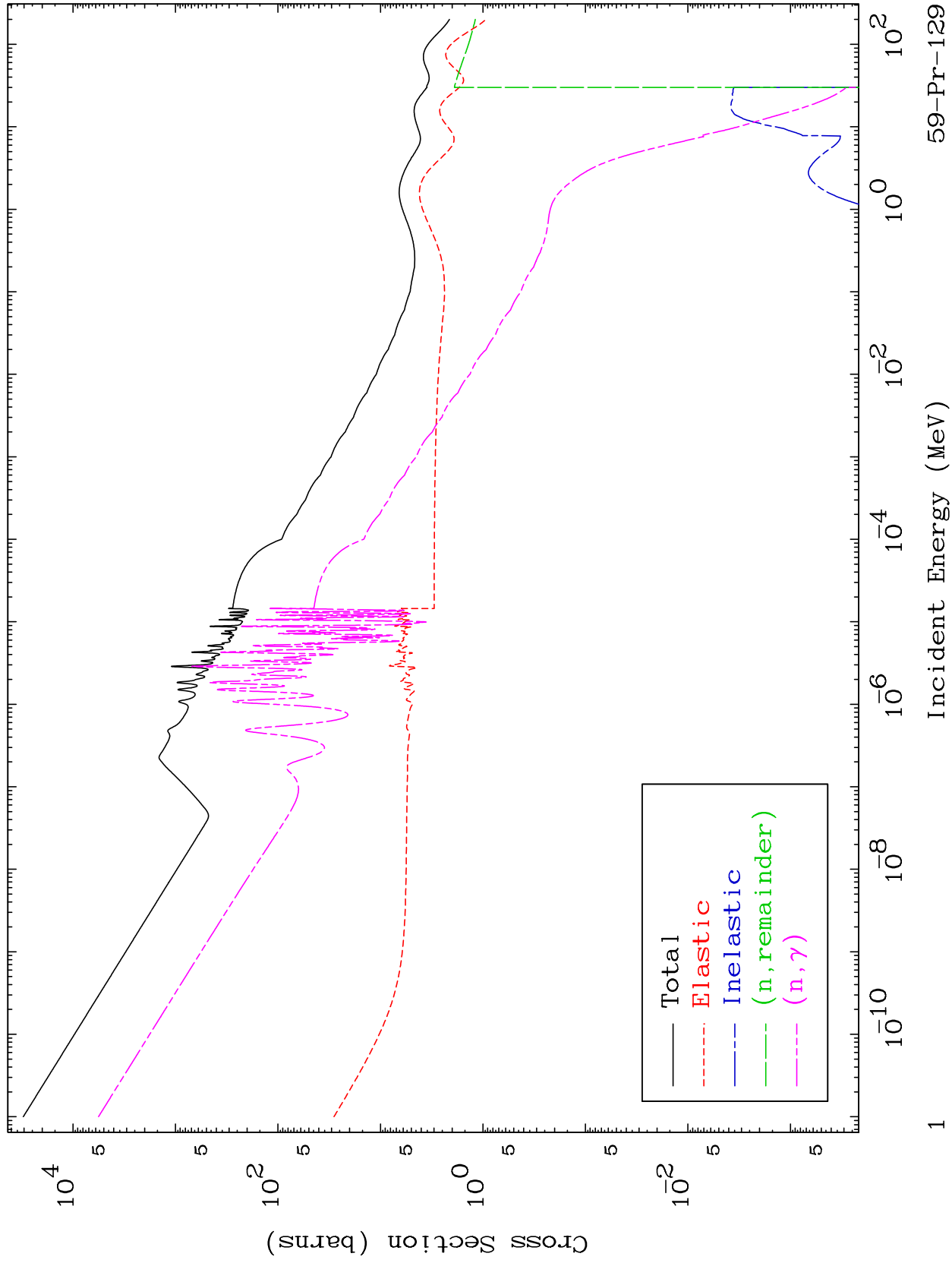
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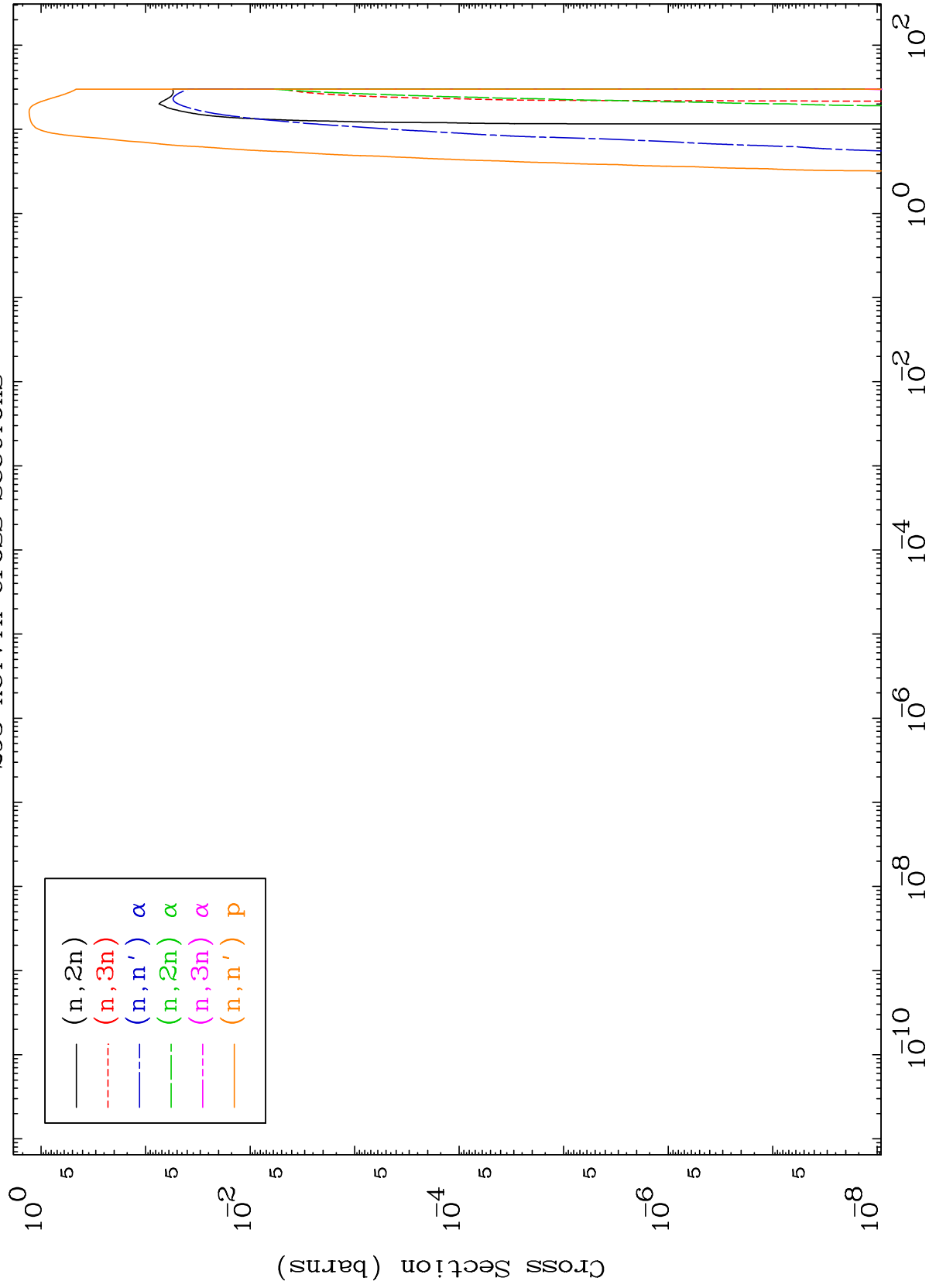
Press Mouse Button to Start



MAT 5889

Neutron Production  
293 Kelvin Cross Sections

59-Pr-129



2

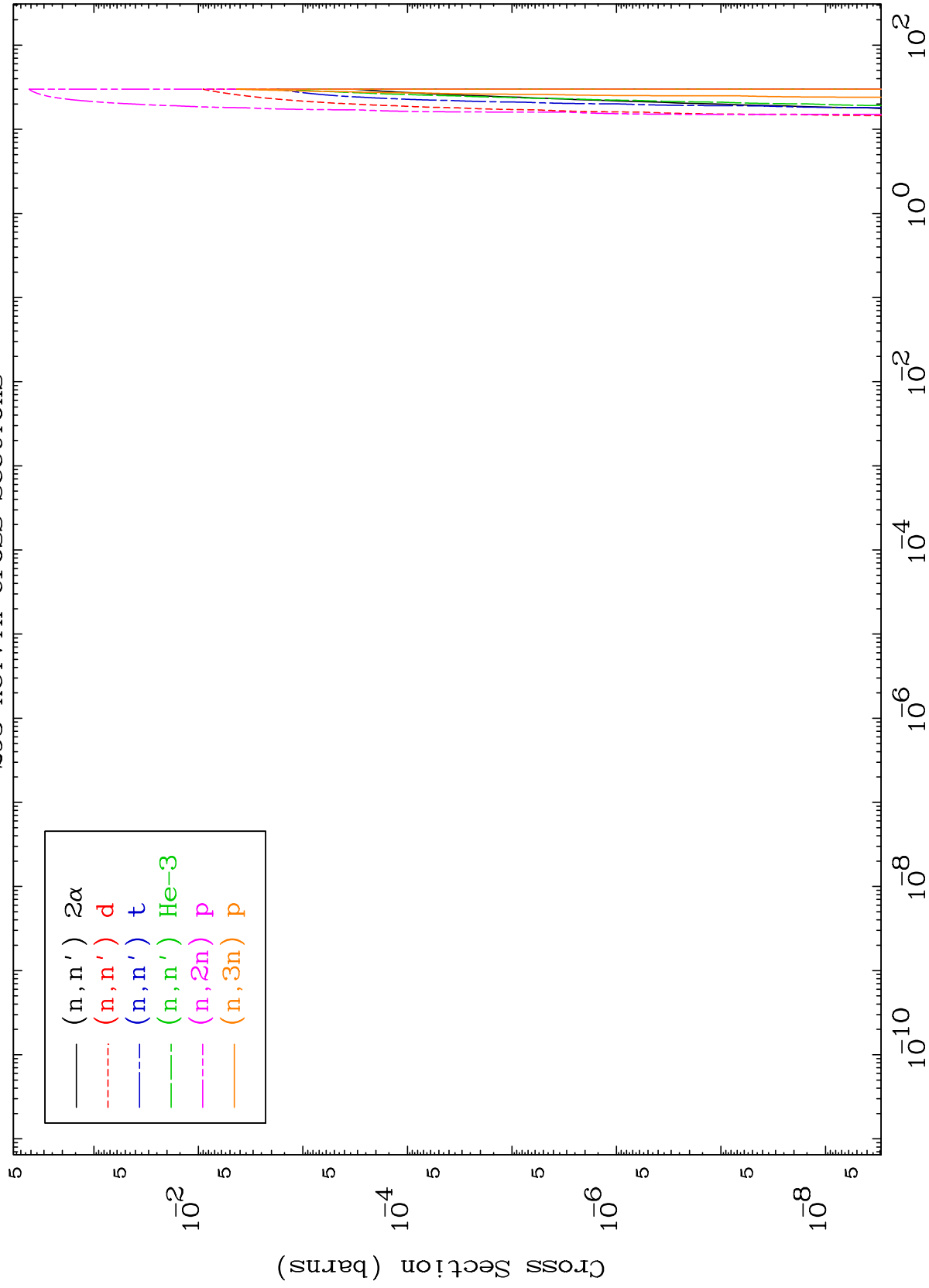
Incident Energy (MeV)

59-Pr-129

MAT 5889

Neutron Production  
293 Kelvin Cross Sections

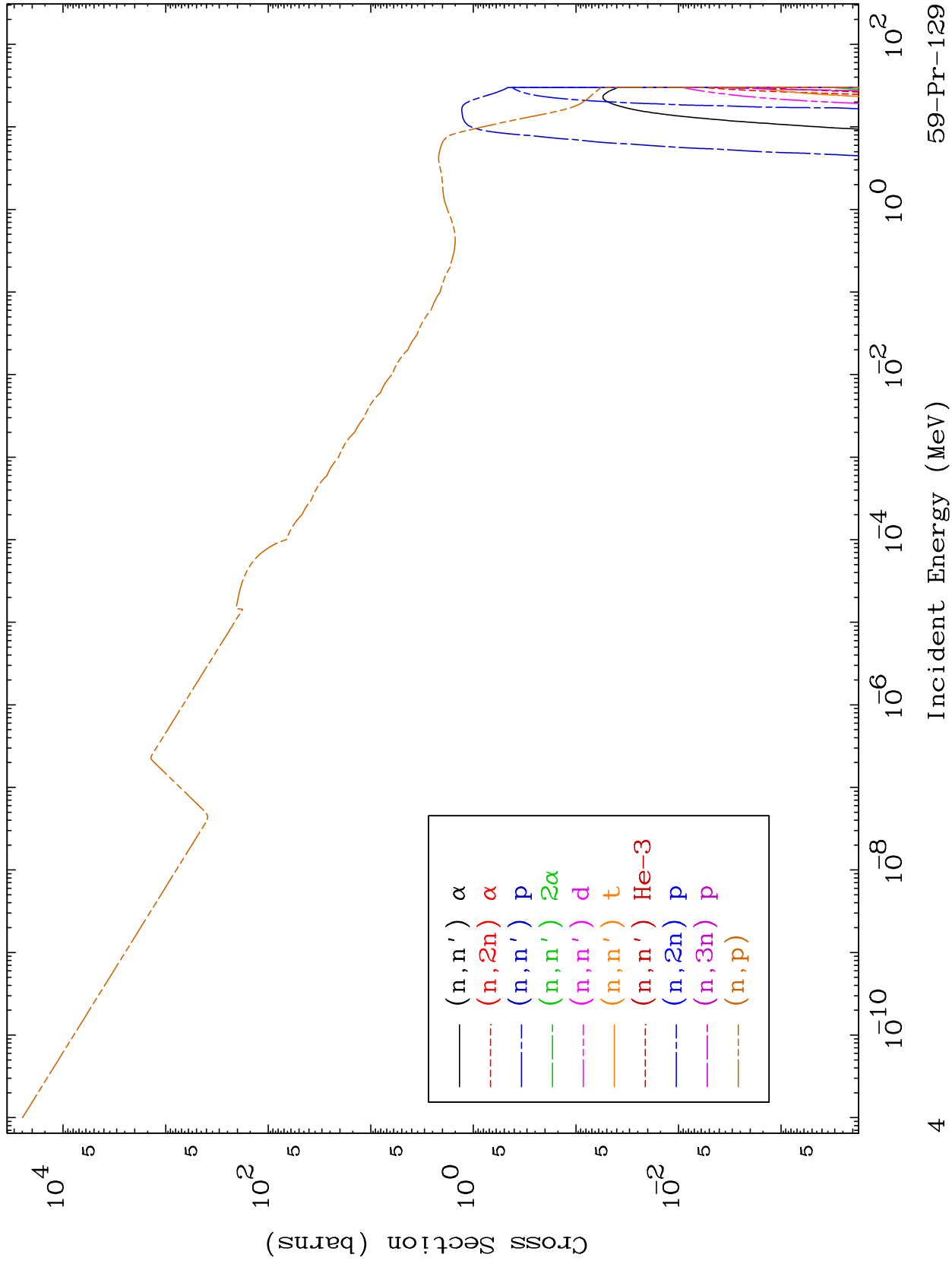
59-Pr-129



MAT 5889

Charged Particle  
293 Kelvin Cross Sections

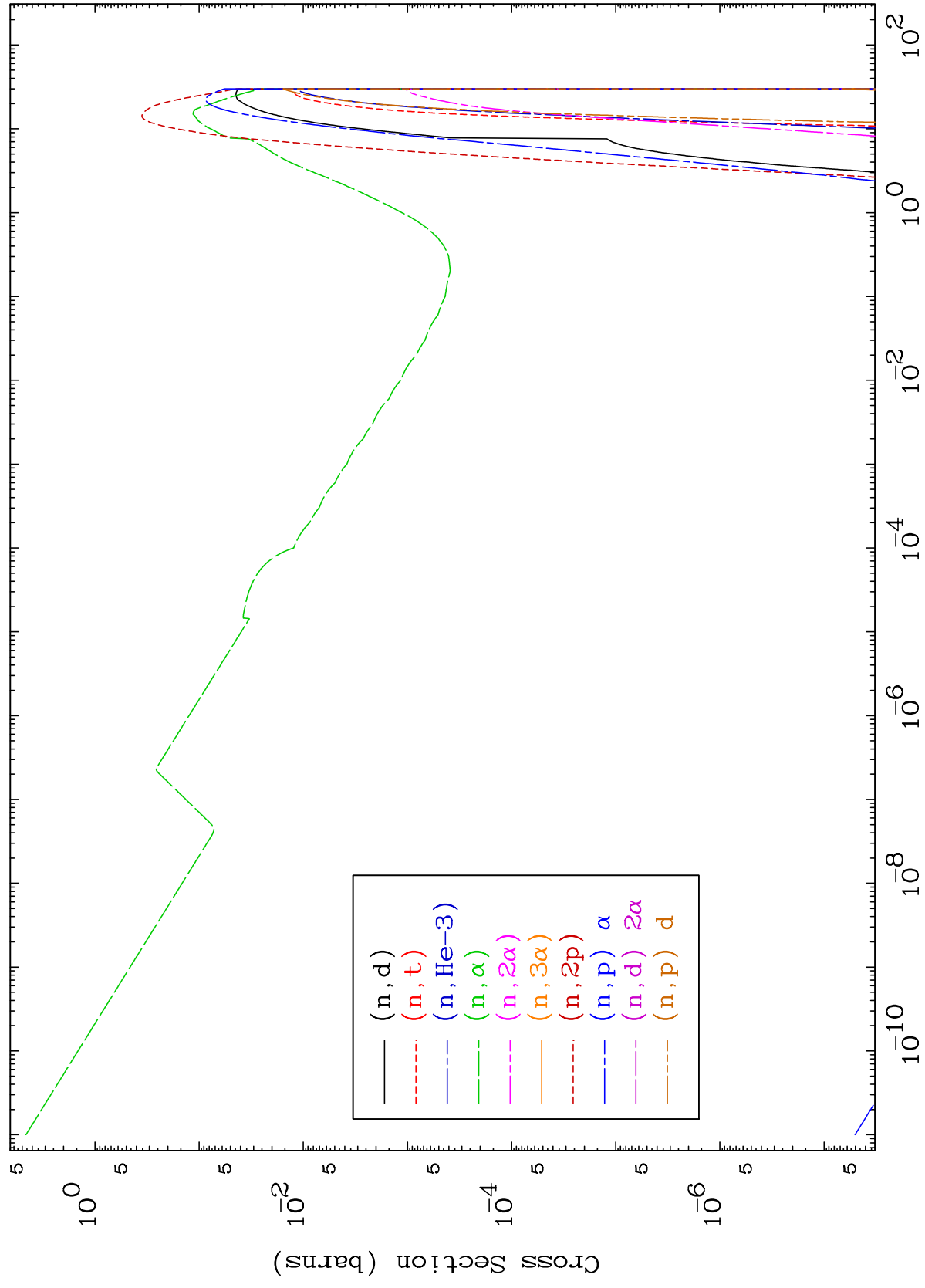
59-Pr-129



MAT 5889

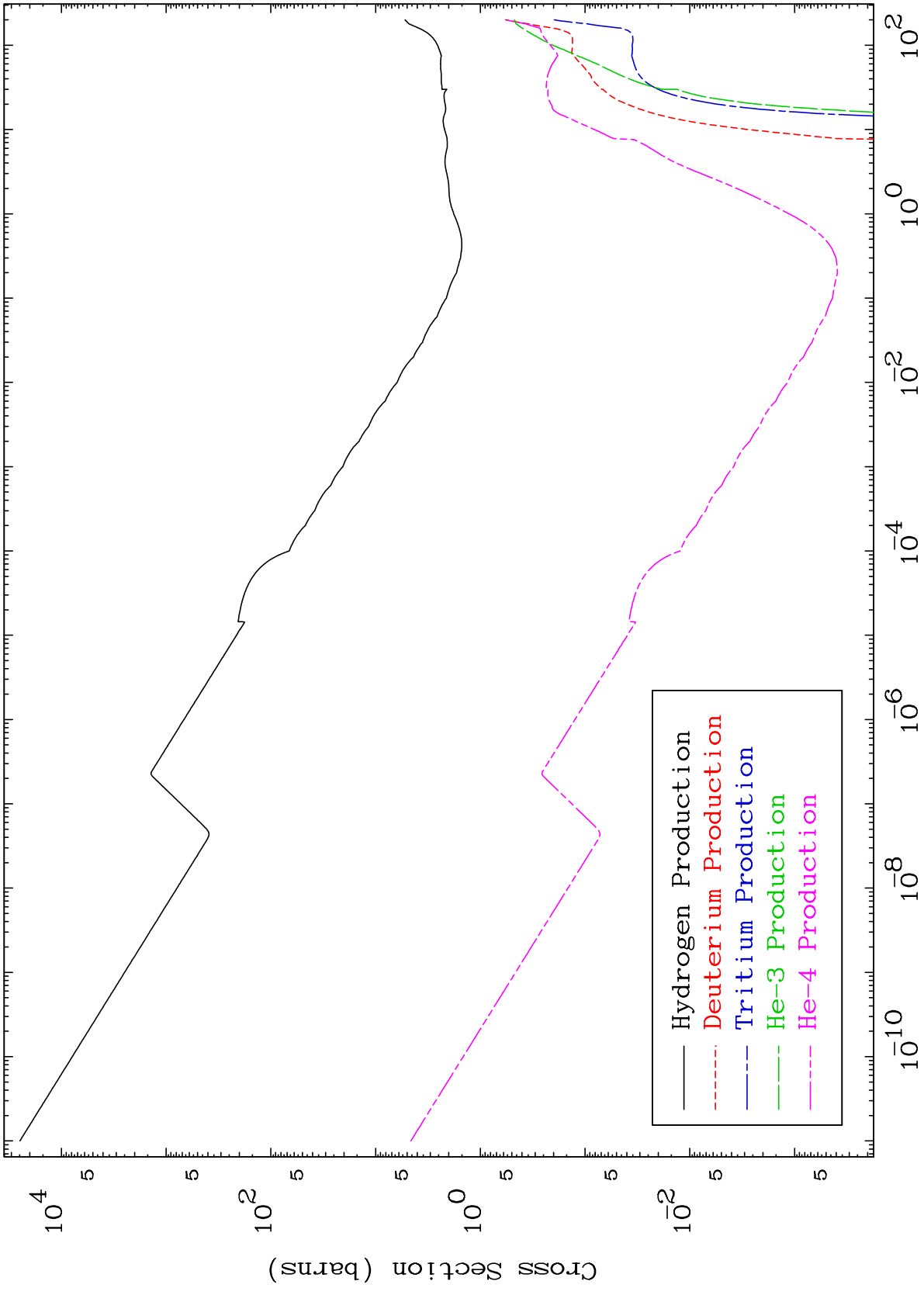
Charged Particle  
293 Kelvin Cross Sections

59-Pr-129



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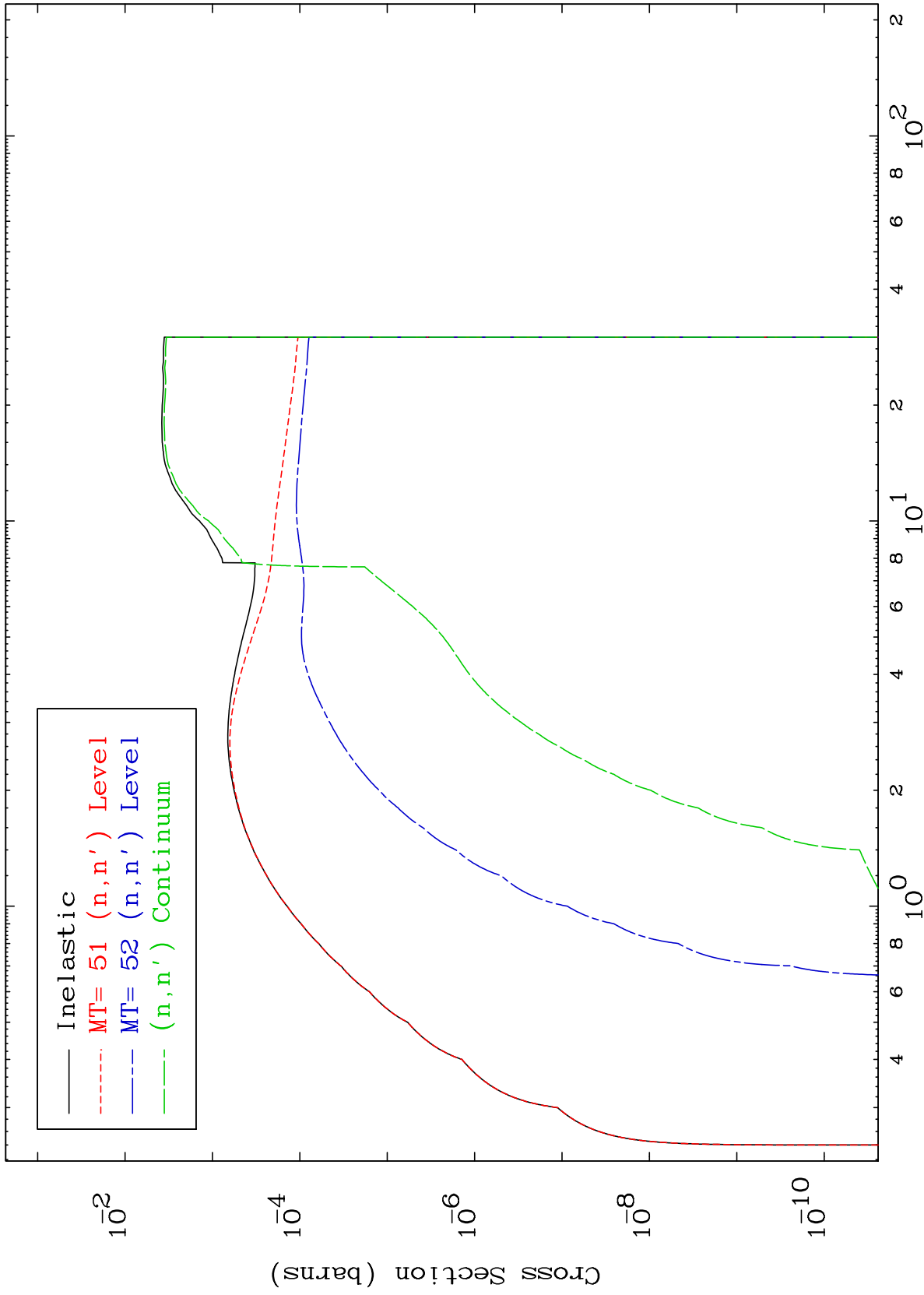
59-Pr-129



MAT 5889

293 Kelvin Cross Sections

59-Pr-129

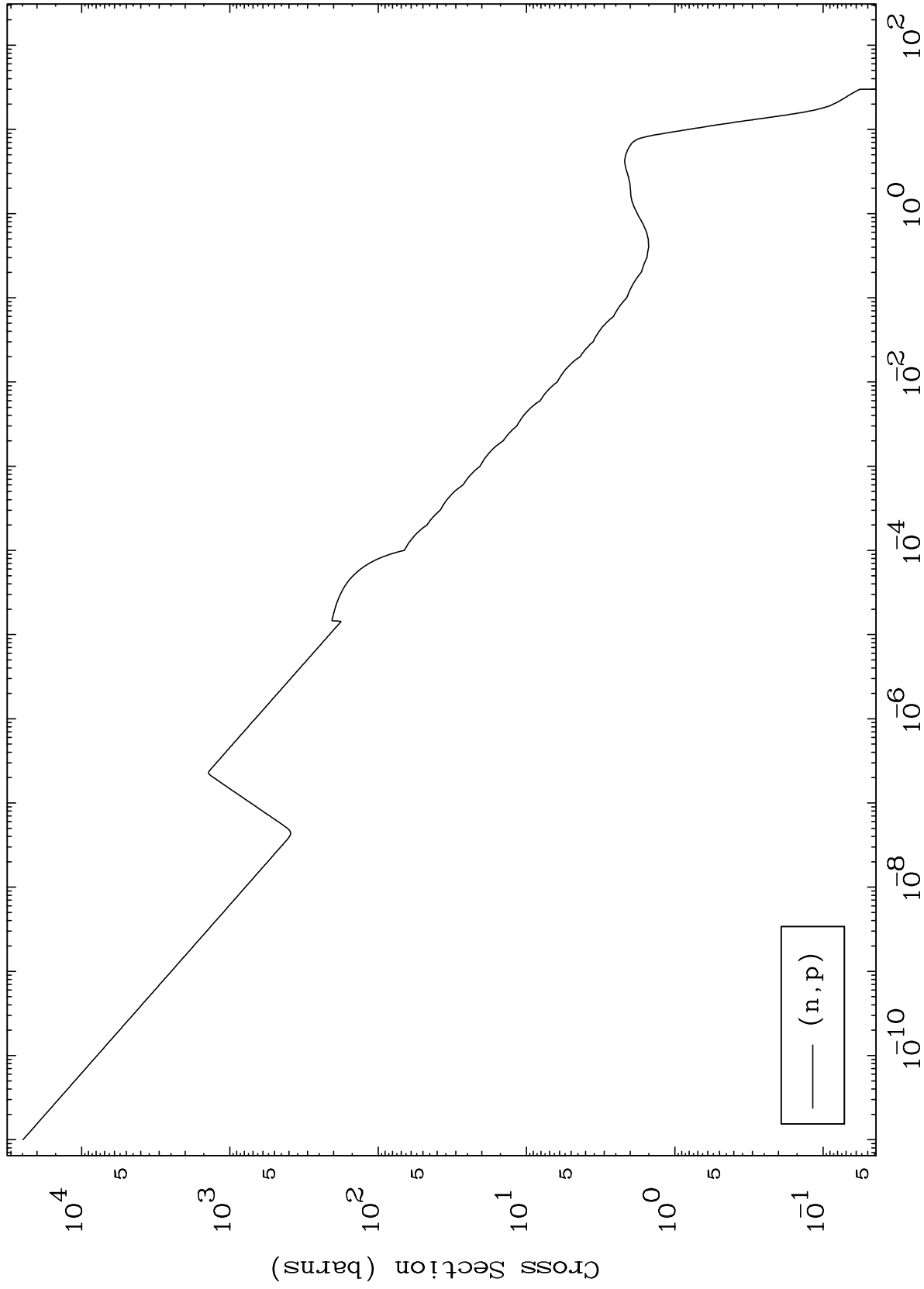




MAT 5889

(n,p) Levels  
293 Kelvin Cross Sections

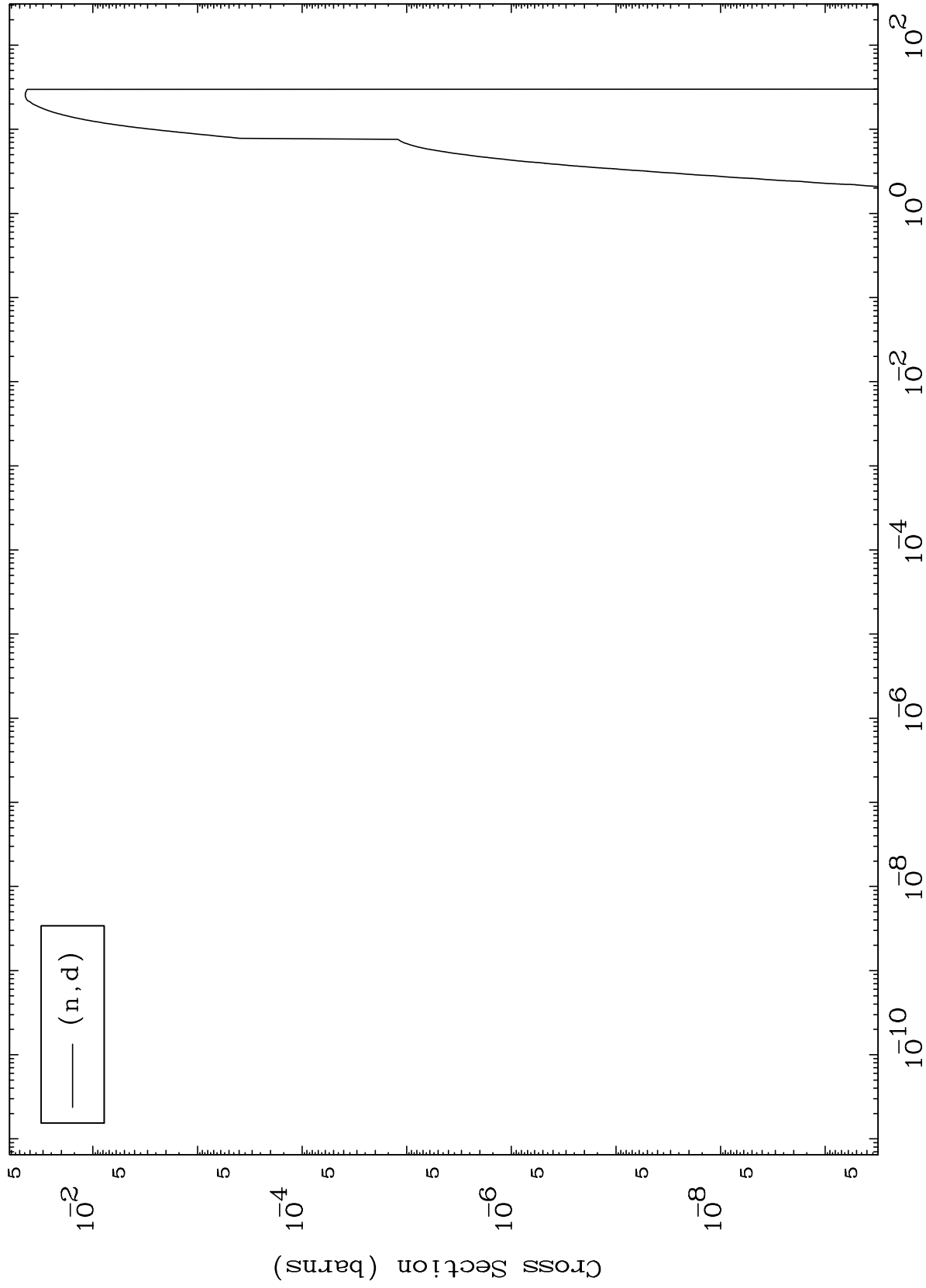
59-Pr-129



MAT 5889

(n,d) Levels  
293 Kelvin Cross Sections

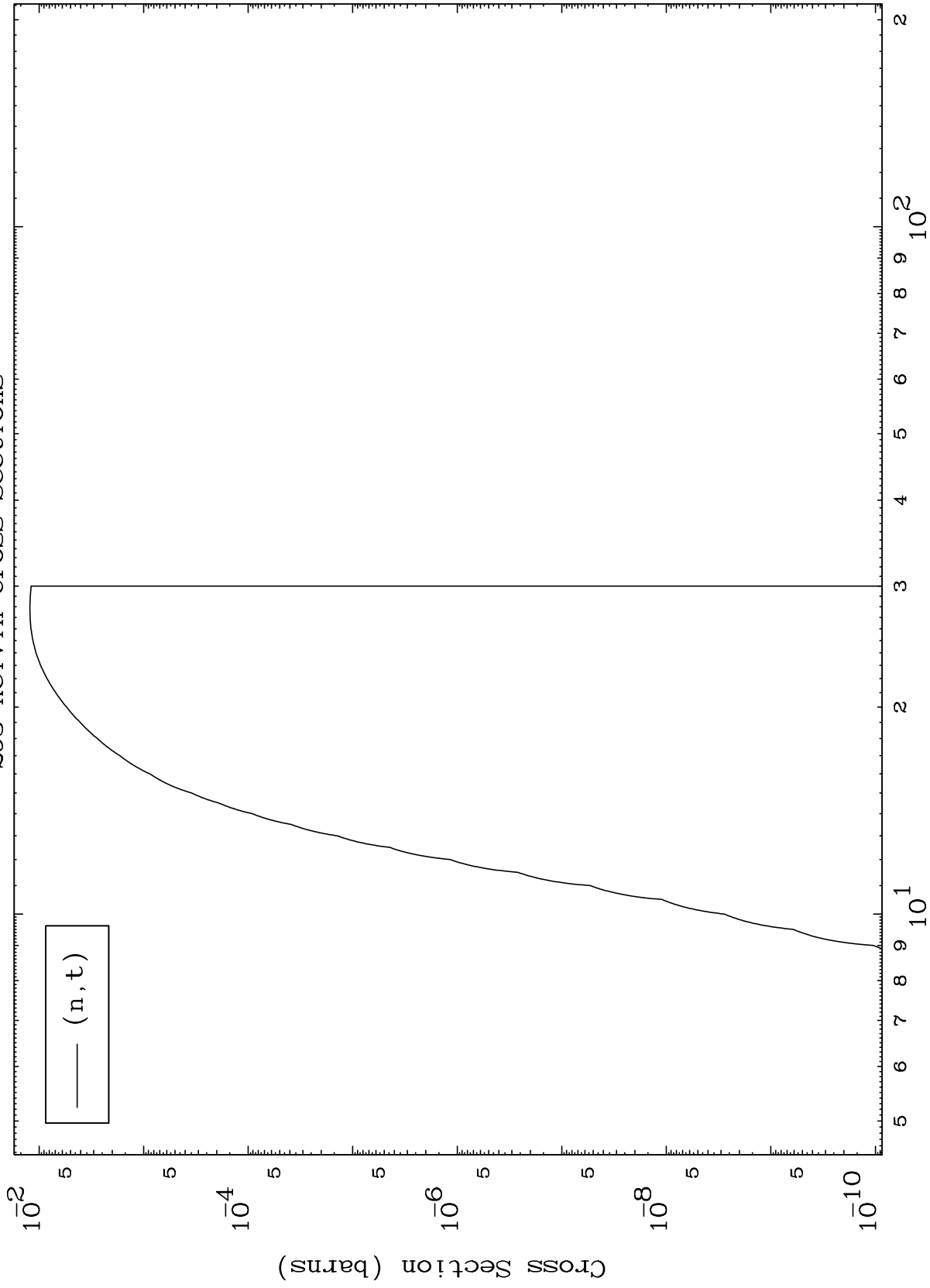
59-Pr-129



MAT 5889

(n,t) Levels  
293 Kelvin Cross Sections

59-Pr-129



10

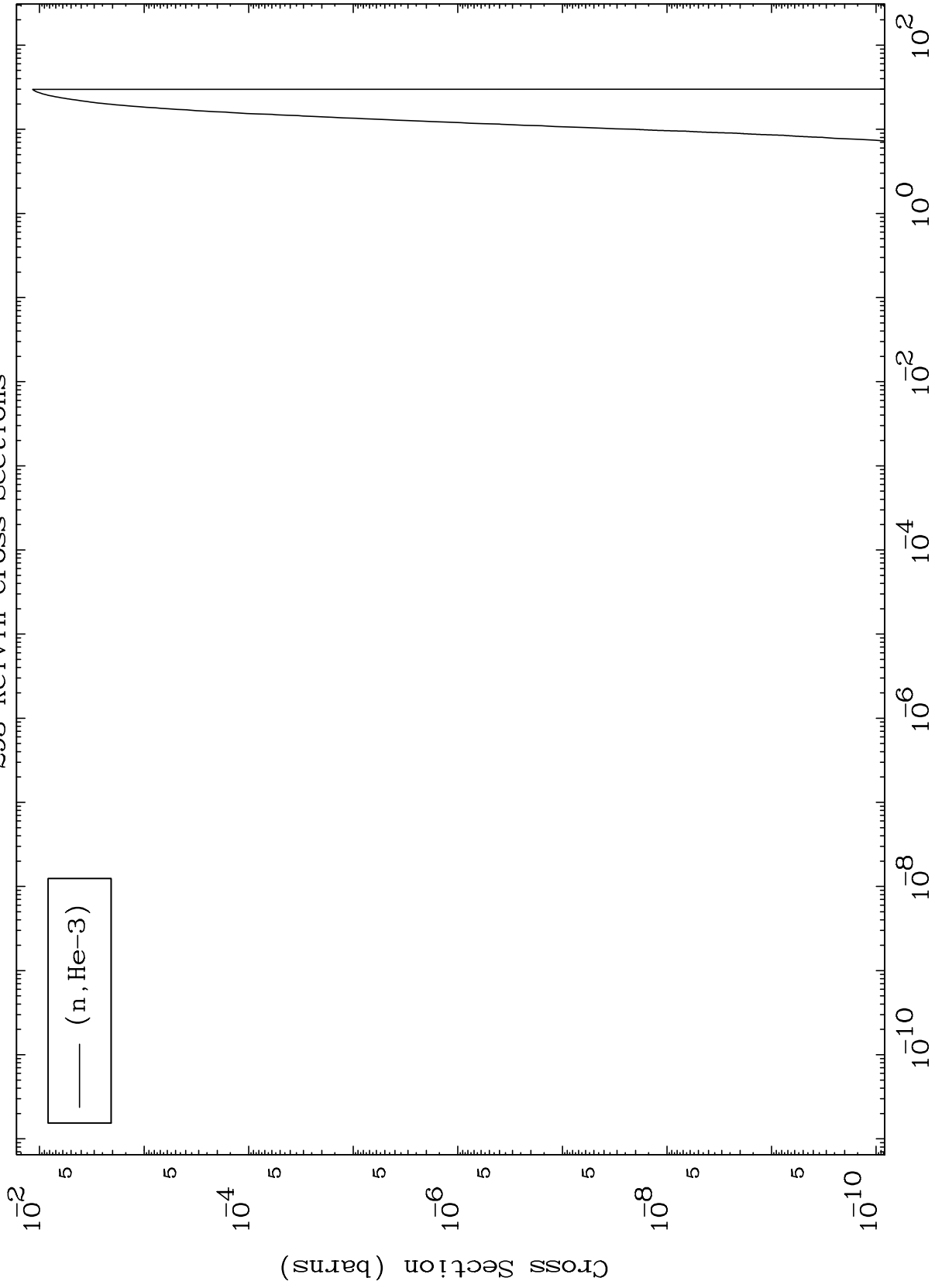
Incident Energy (MeV)

59-Pr-129

MAT 5889

(n,He3) Levels  
293 Kelvin Cross Sections

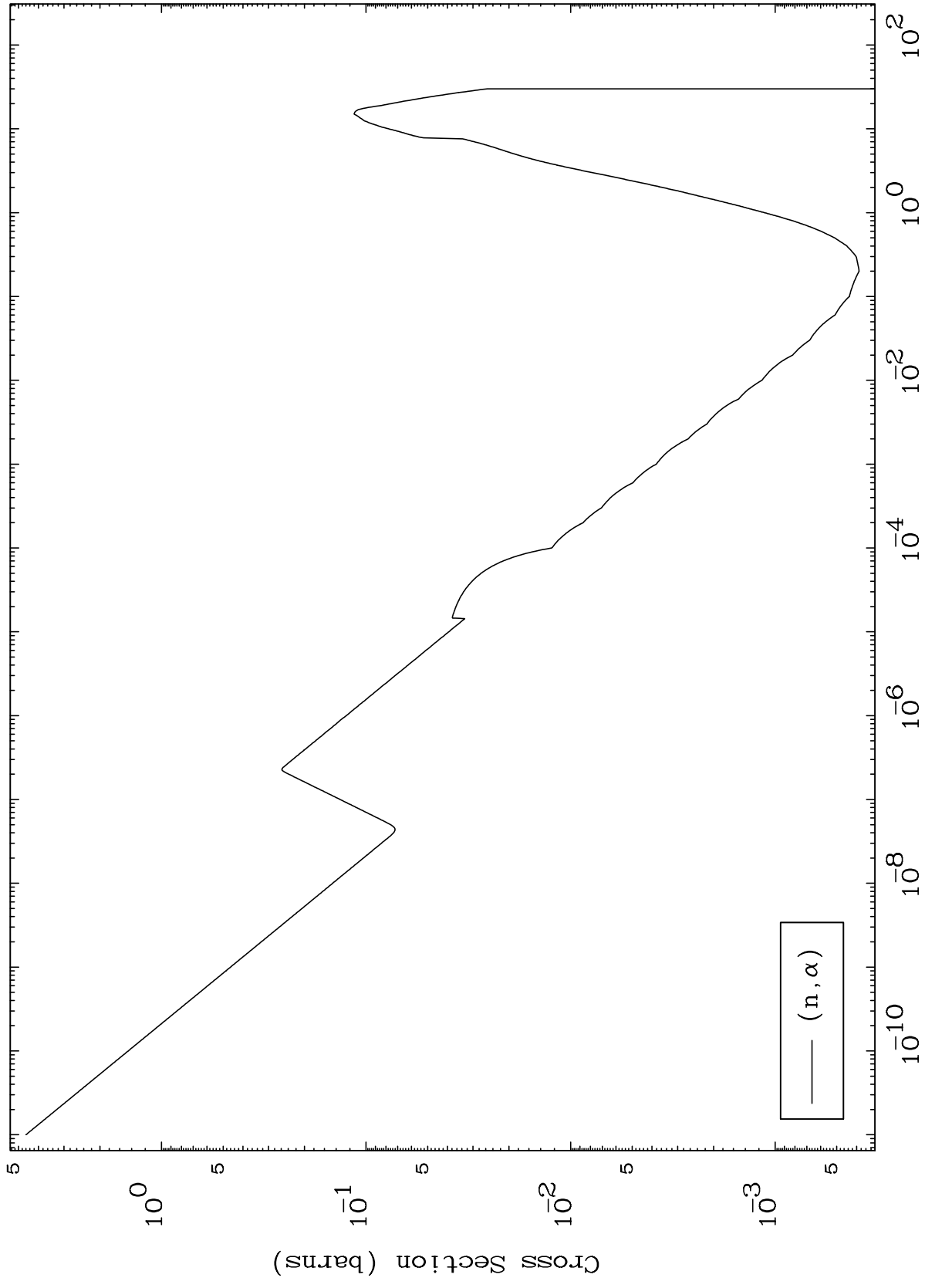
59-Pr-129



MAT 5889

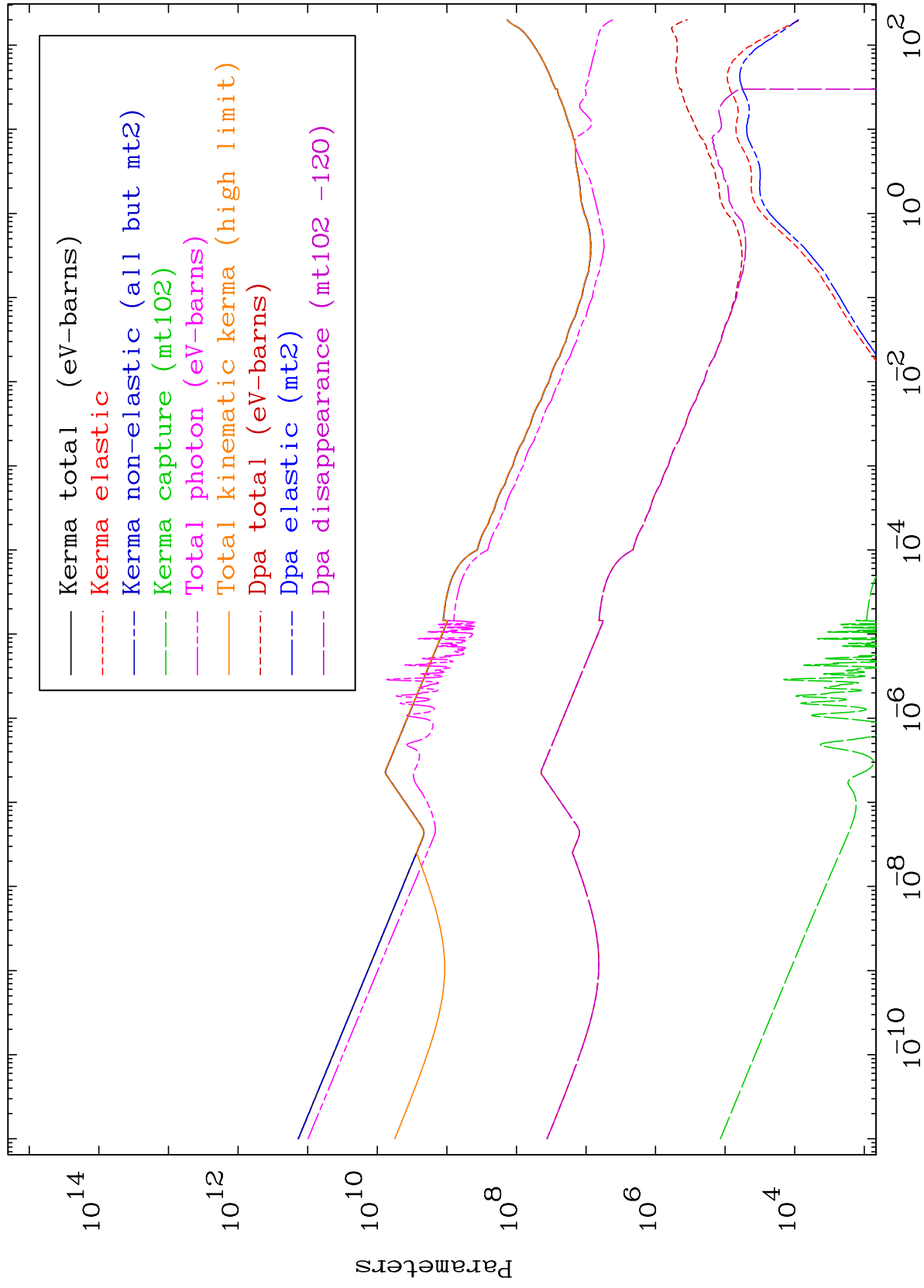
(n,α) Levels  
293 Kelvin Cross Sections

59-Pr-129



12

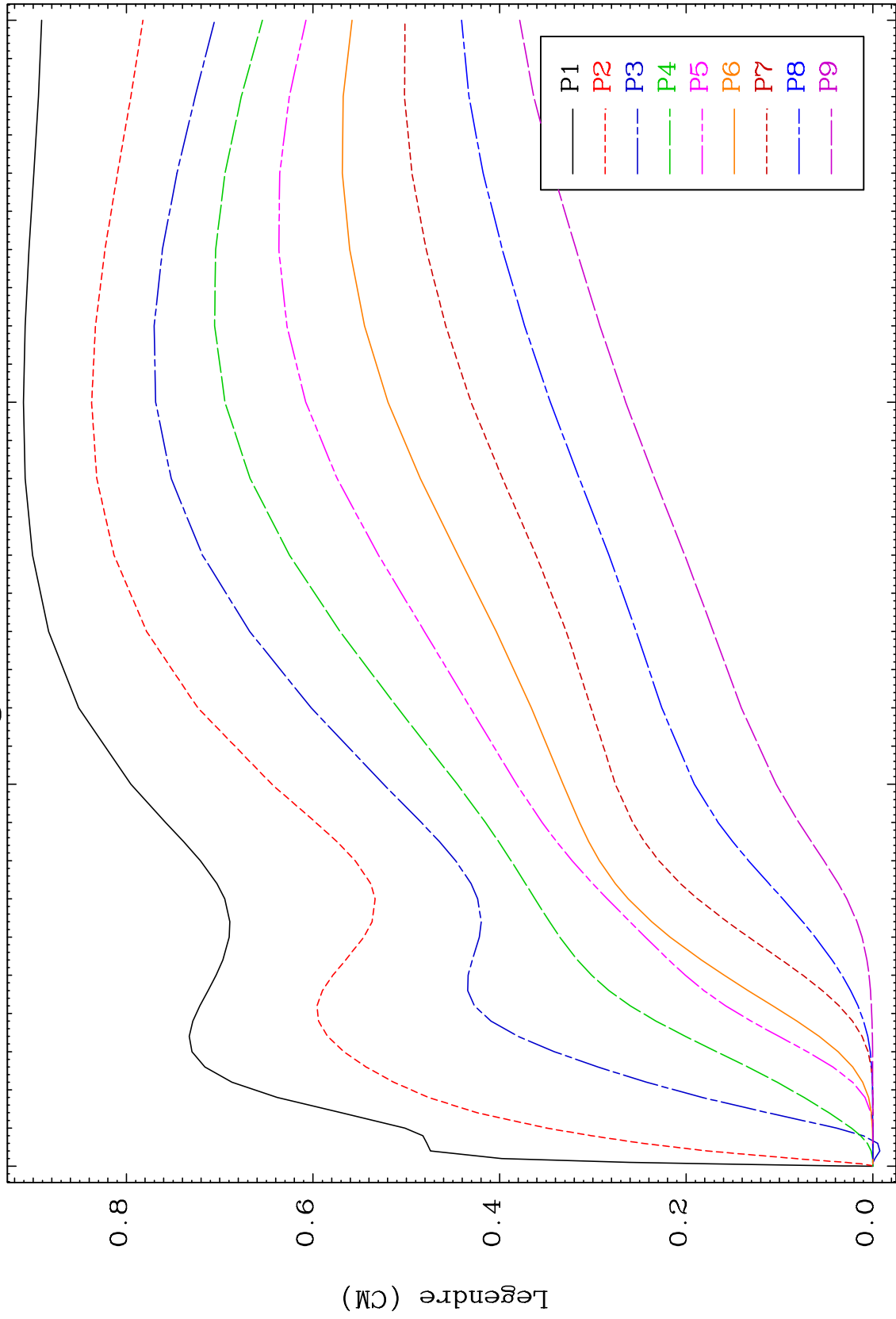
59-Pr-129



MAT 5889

Elastic Legendre Coefficients

59-Pr-129



14

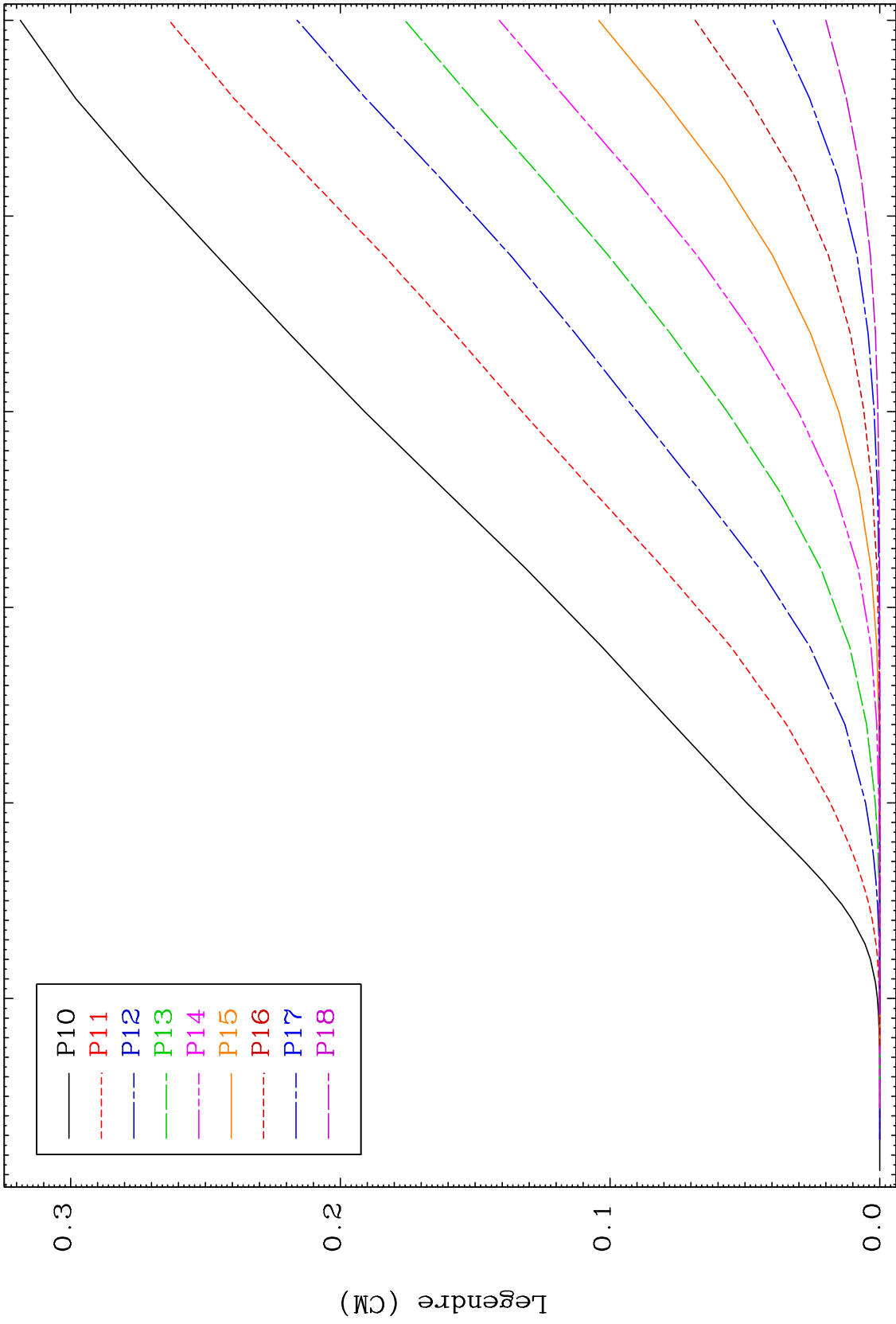
Incident Energy (MeV)

59-Pr-129

MAT 5889

Elastic Legendre Coefficients

59-Pr-129



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Incident Energy (MeV)

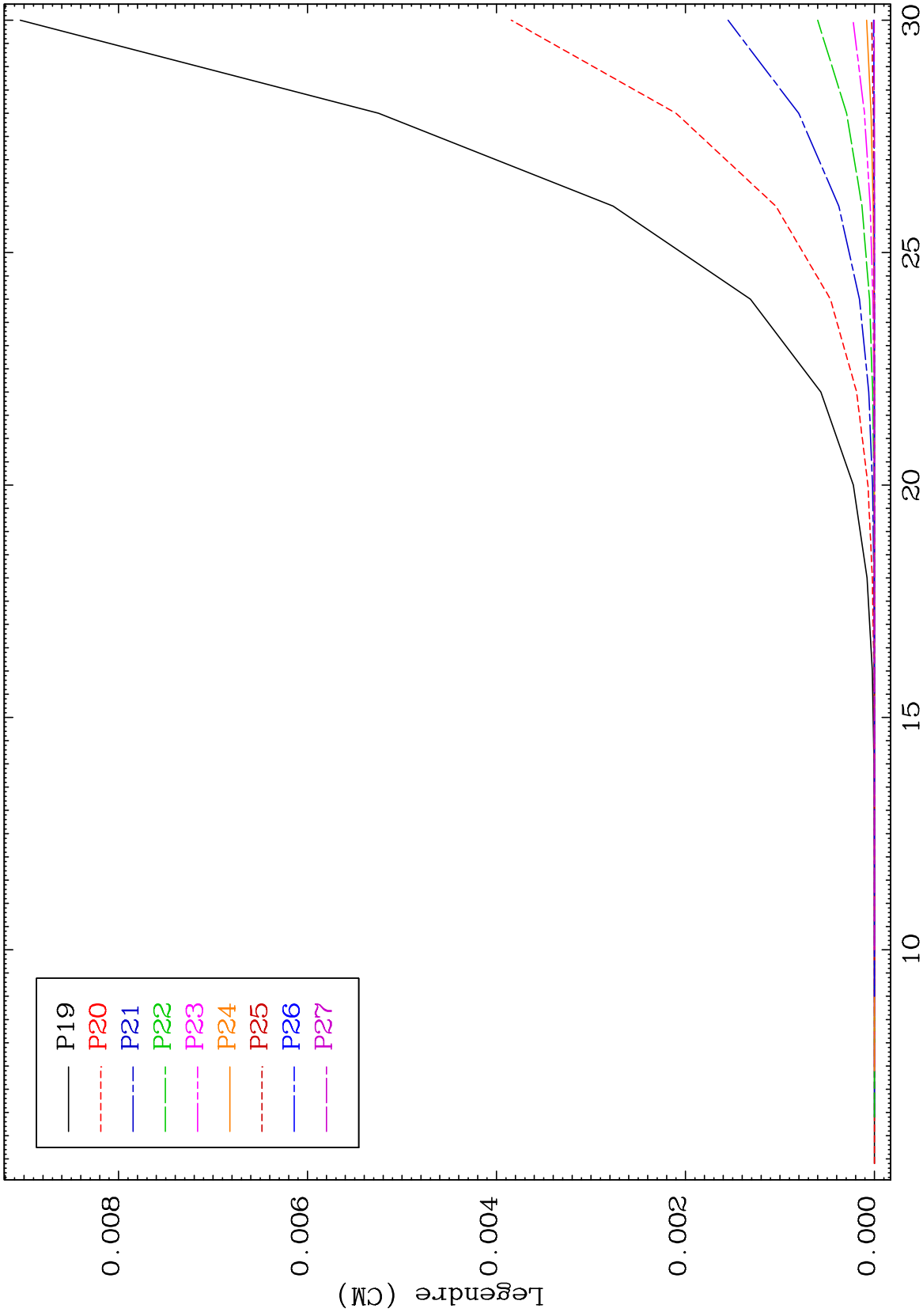
59-Pr-129



MAT 5889

### Elastic Legendre Coefficients

59-Pr-129



16

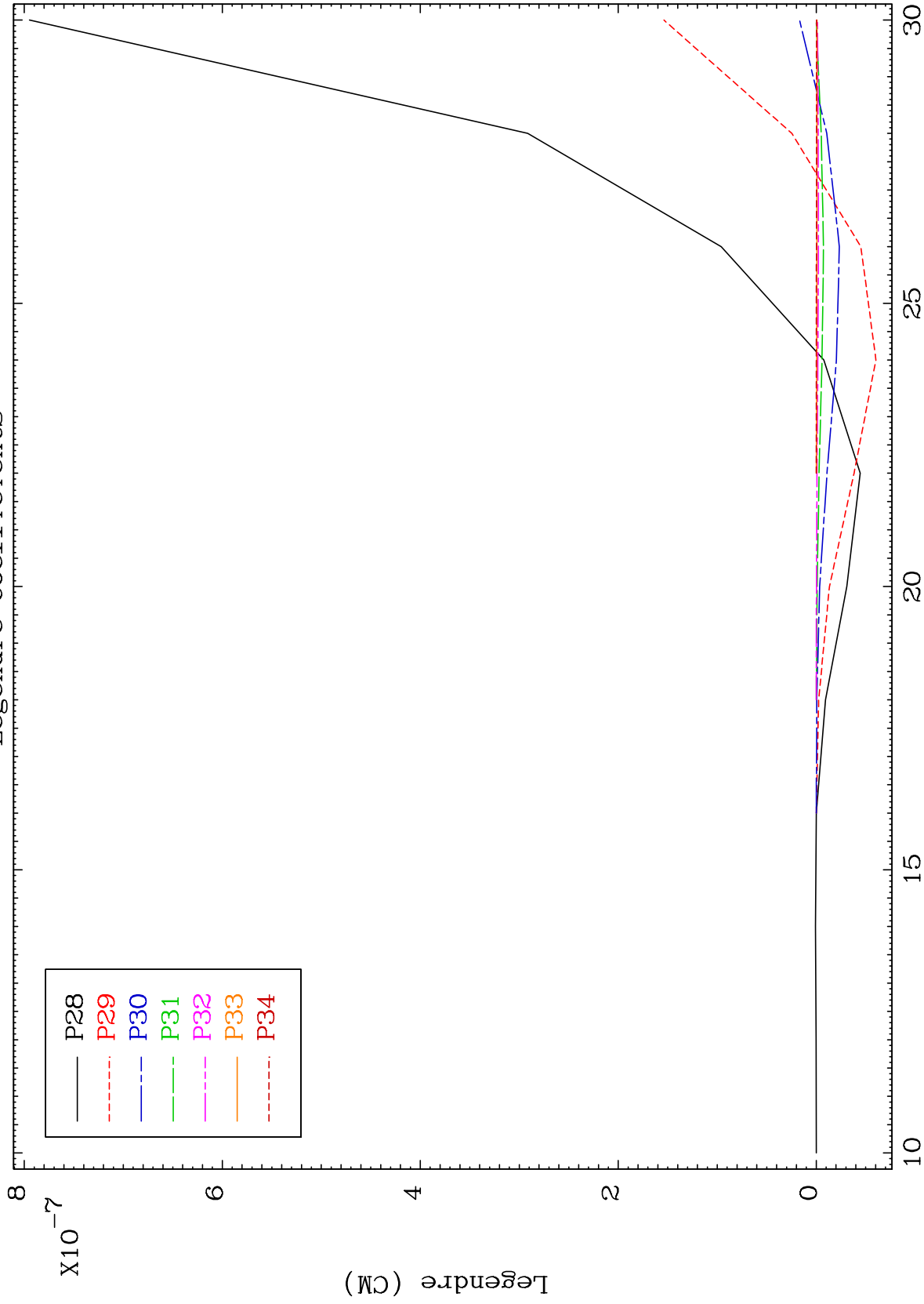
Incident Energy (MeV)

59-Pr-129

MAT 5889

Elastic Legendre Coefficients

59-Pr-129



17

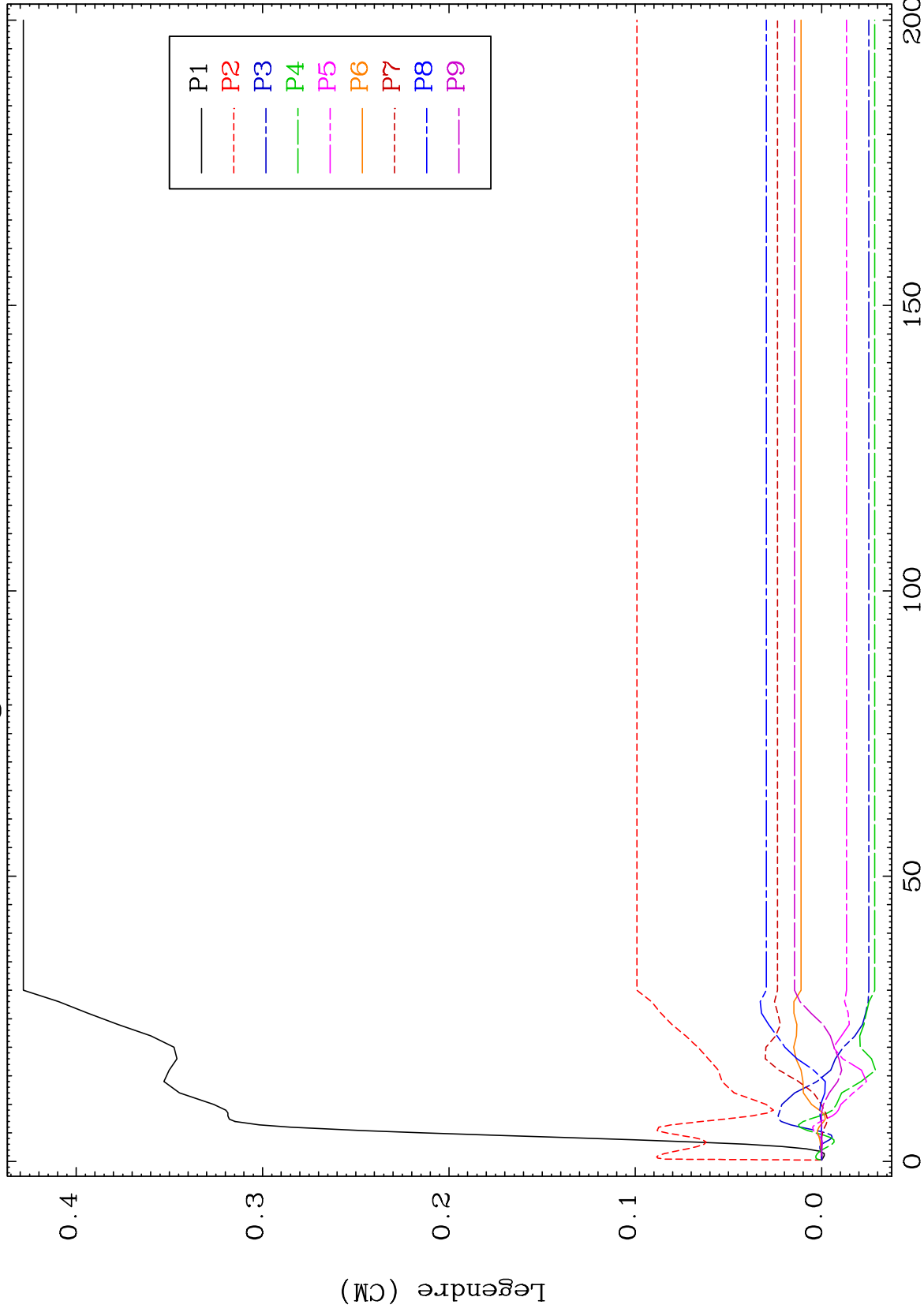
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



18

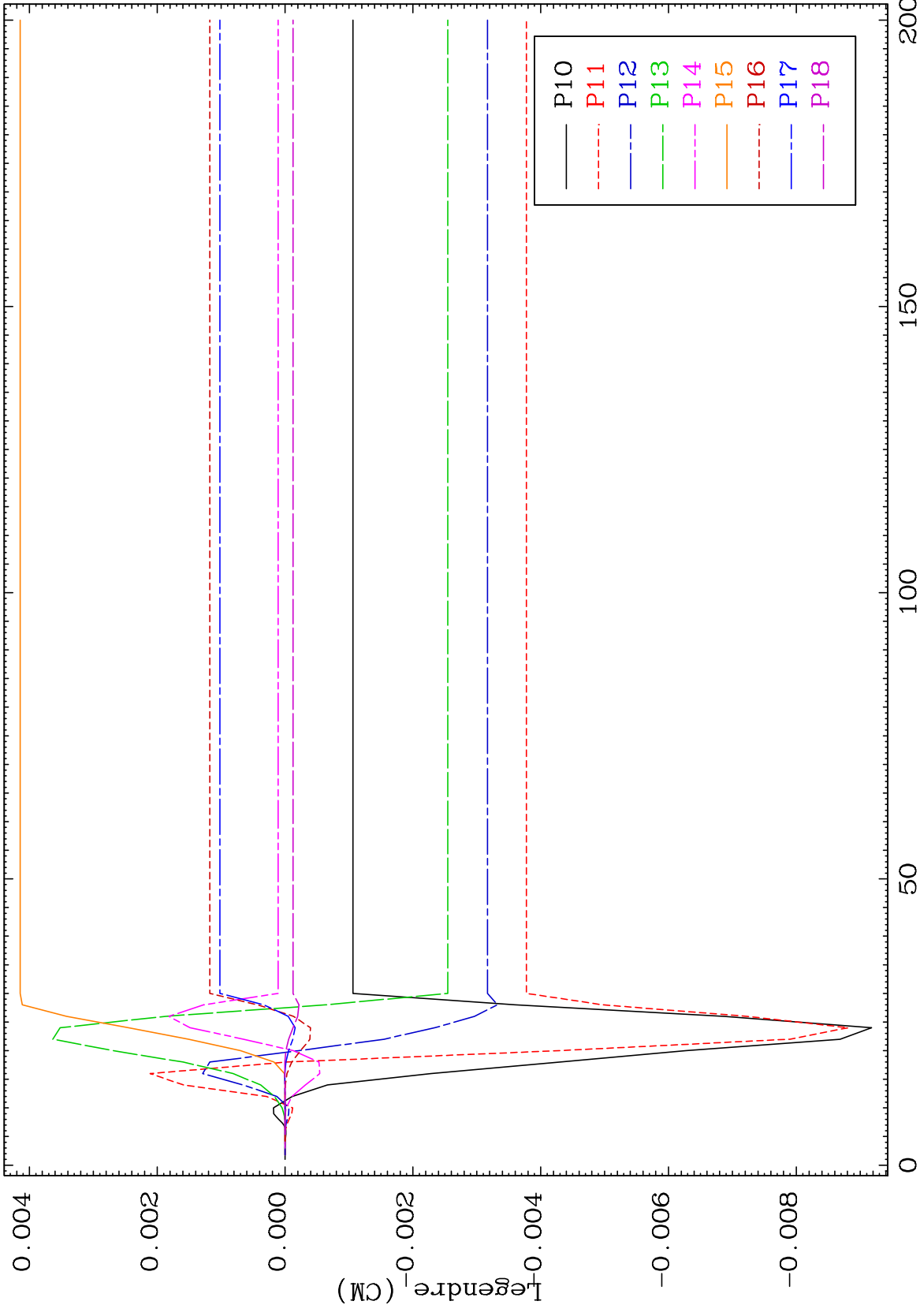
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



19

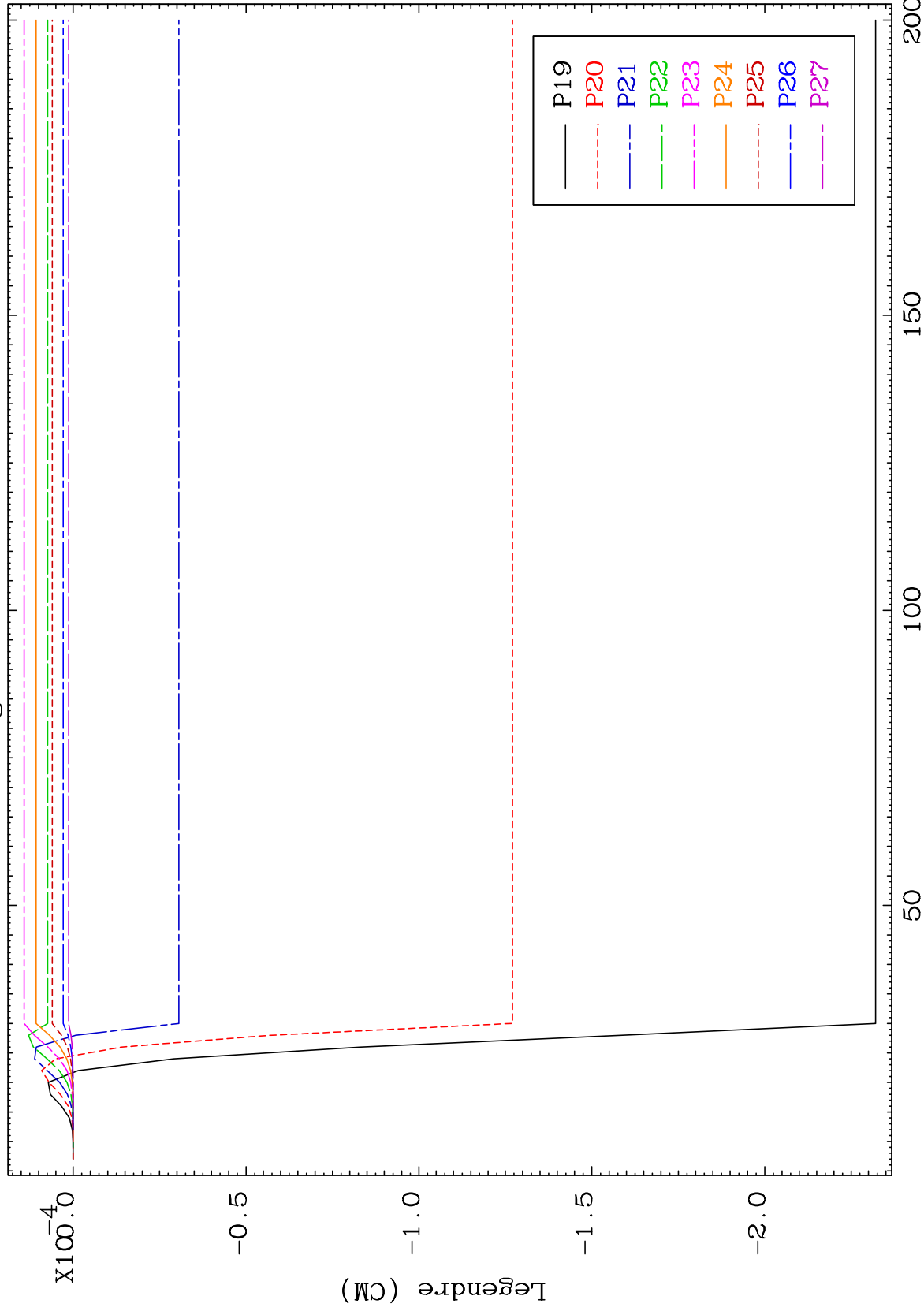
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



20

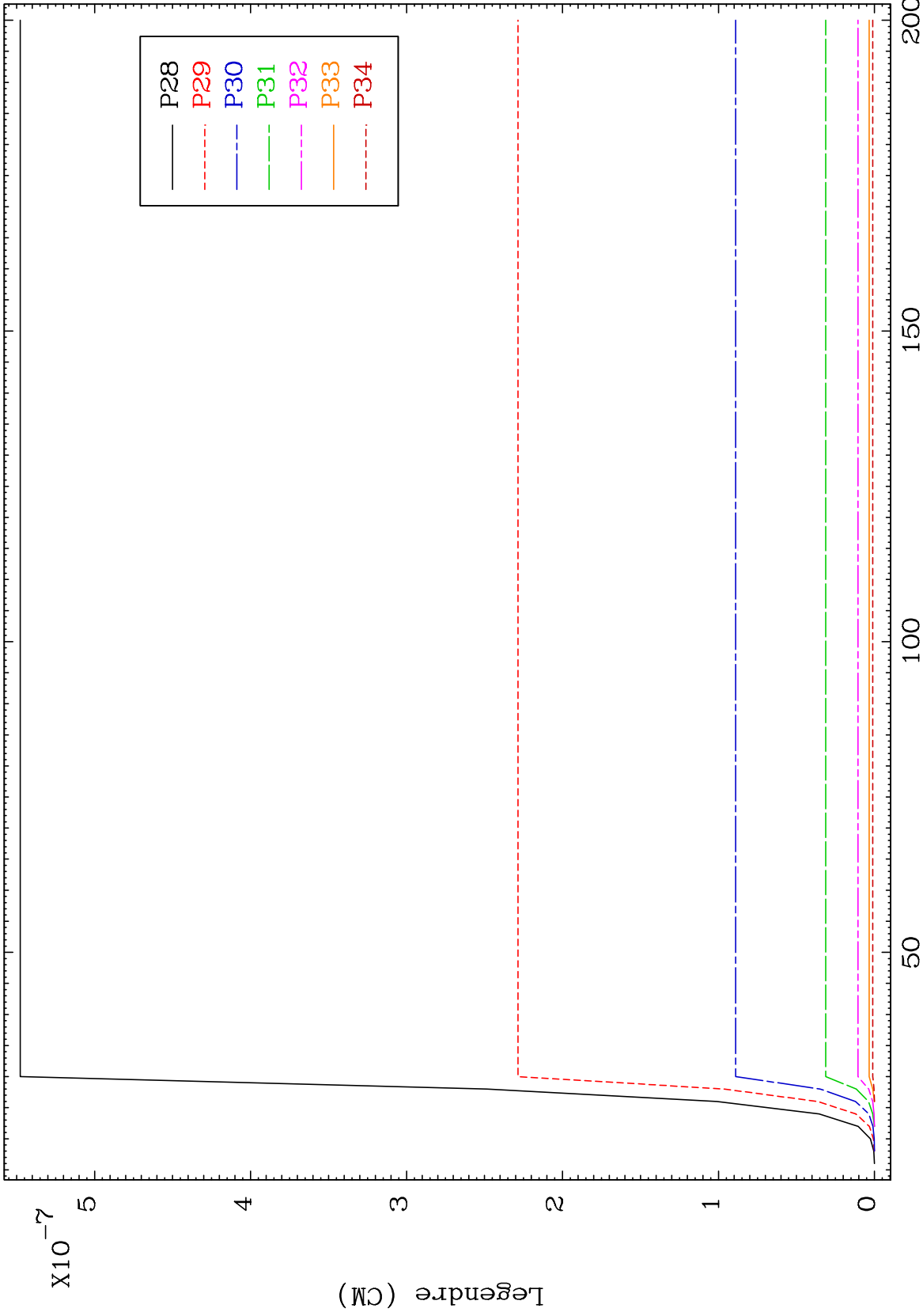
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



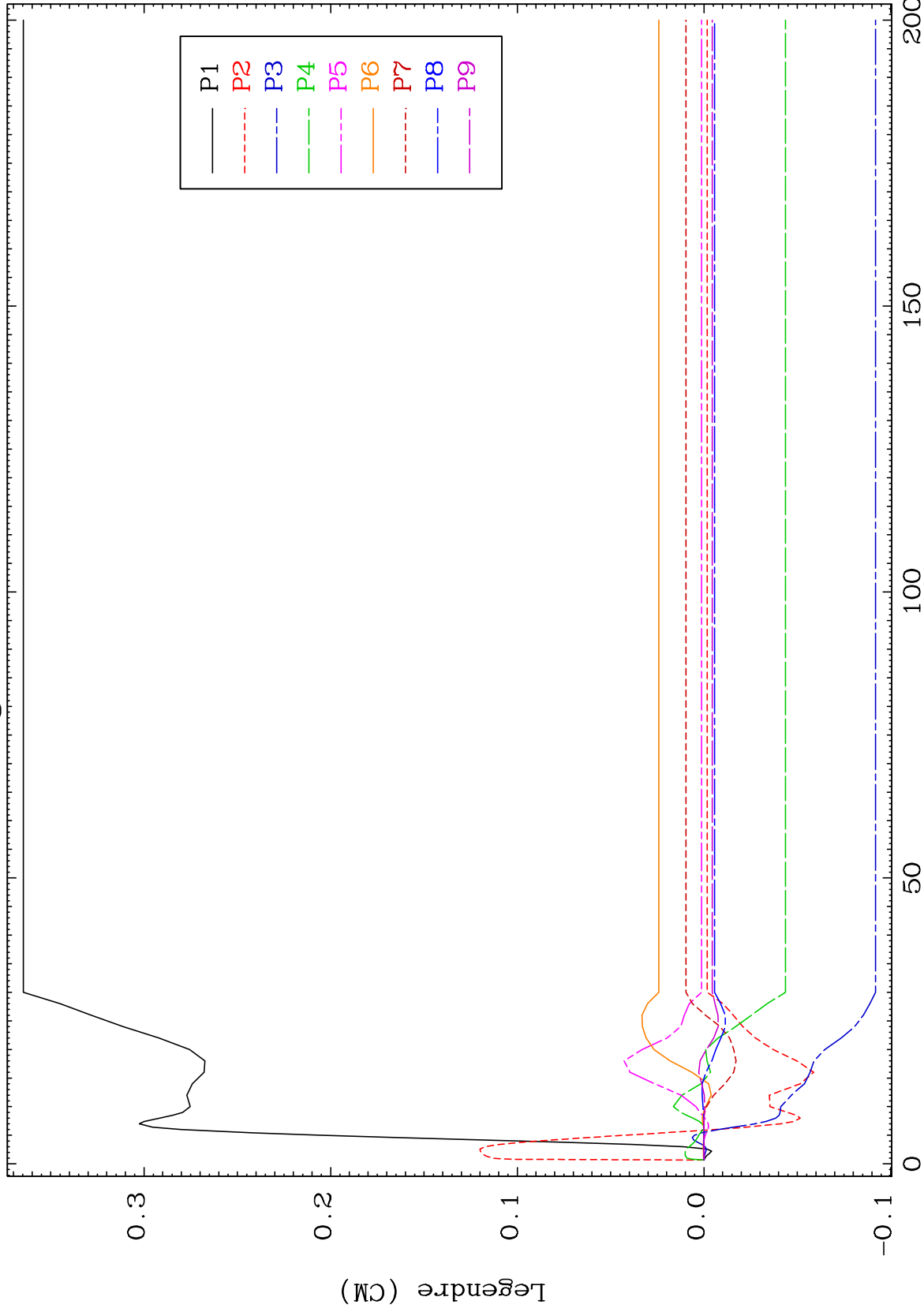
21

59-Pr-129

MAT 5889

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

59-Pr-129



22

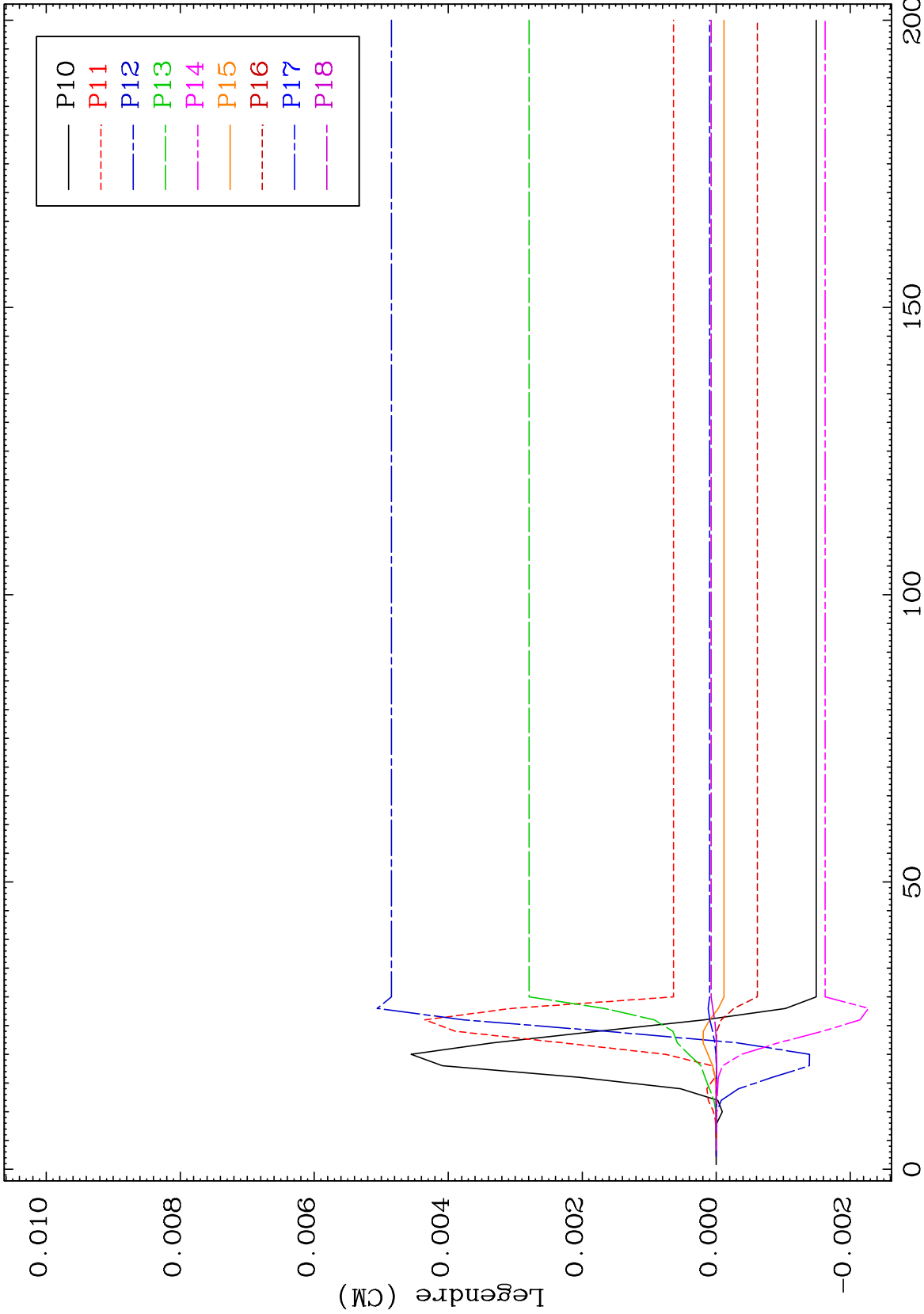
Incident Energy (MeV)

59-Pr-129

MAT 5889

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

59-Pr-129



23

Incident Energy (MeV)

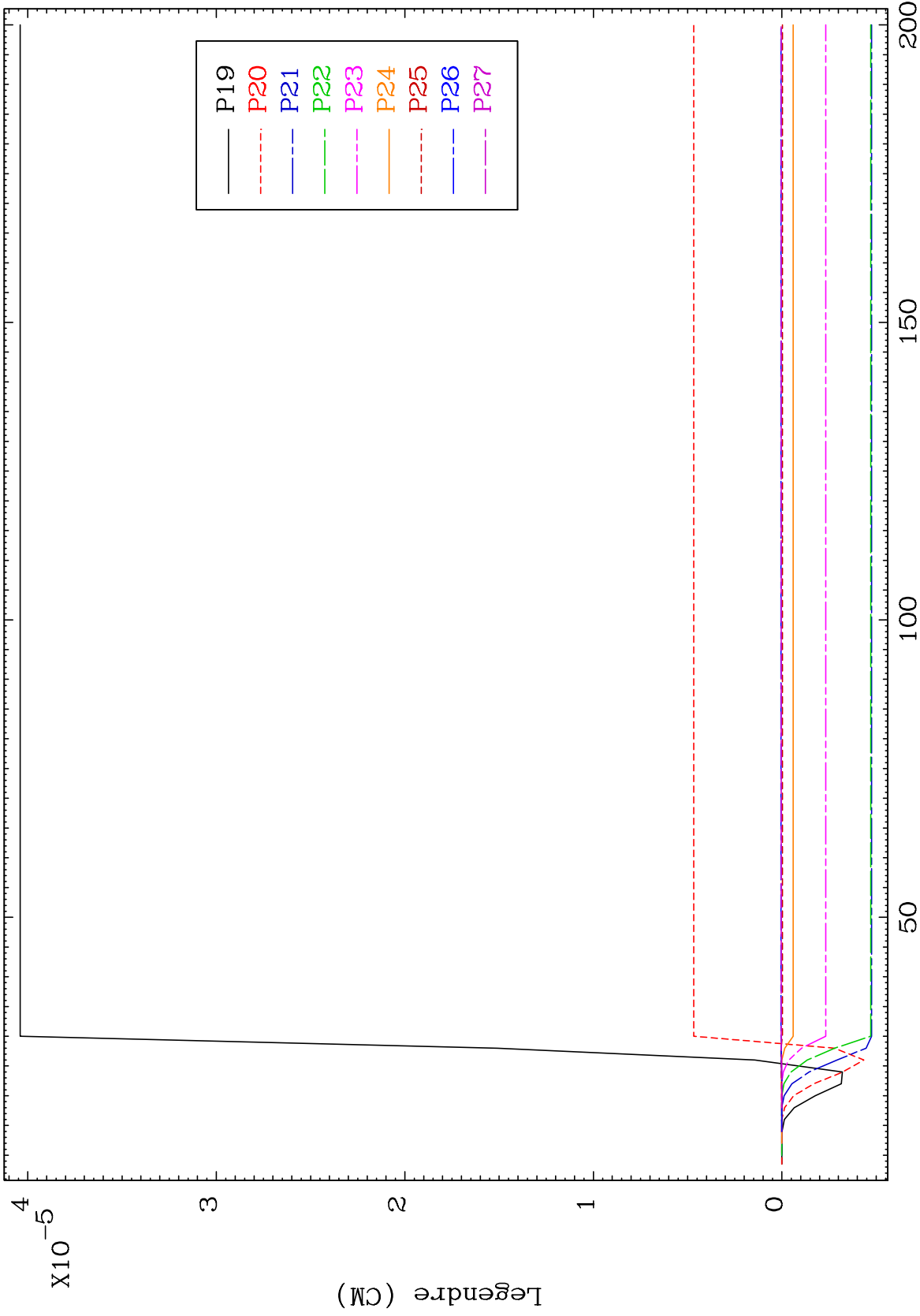
59-Pr-129



MAT 5889

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

59-Pr-129



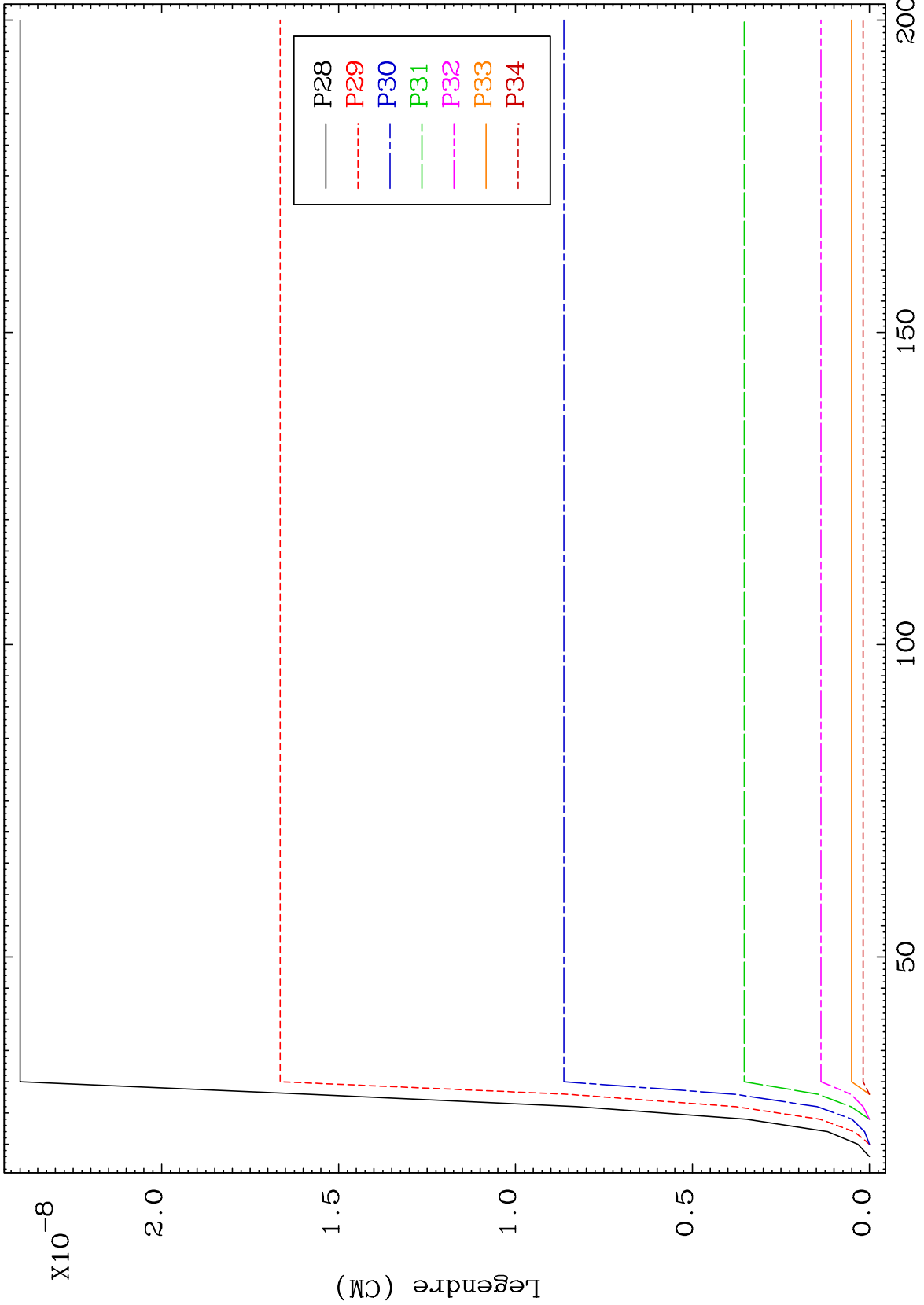
24

59-Pr-129

MAT 5889

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

59-Pr-129



25

Incident Energy (MeV)

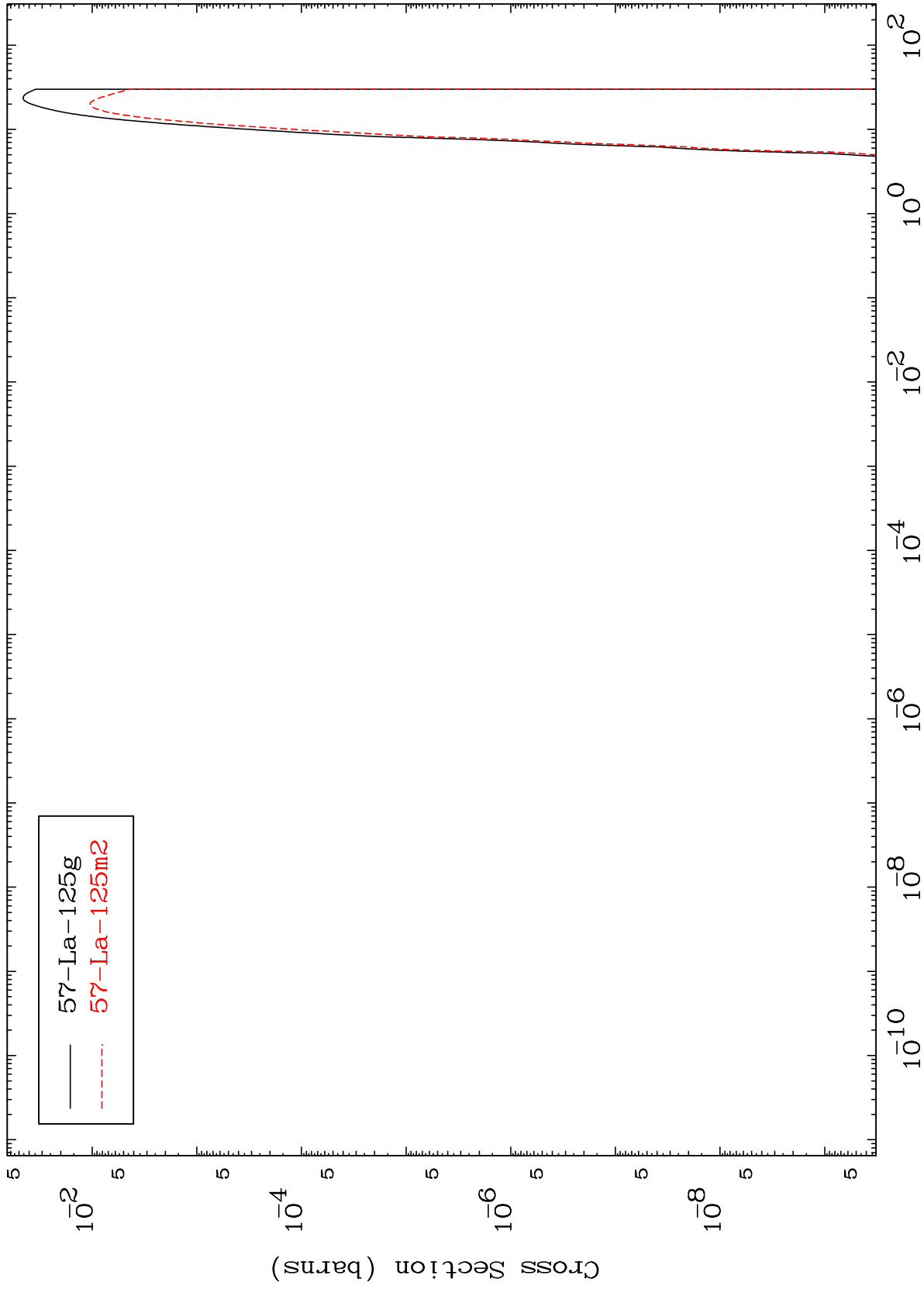
59-Pr-129

MAT 5889

(n,n')  $\alpha$

59-Pr-129

Radionuclide Production Cross Section



26

Incident Energy (MeV)

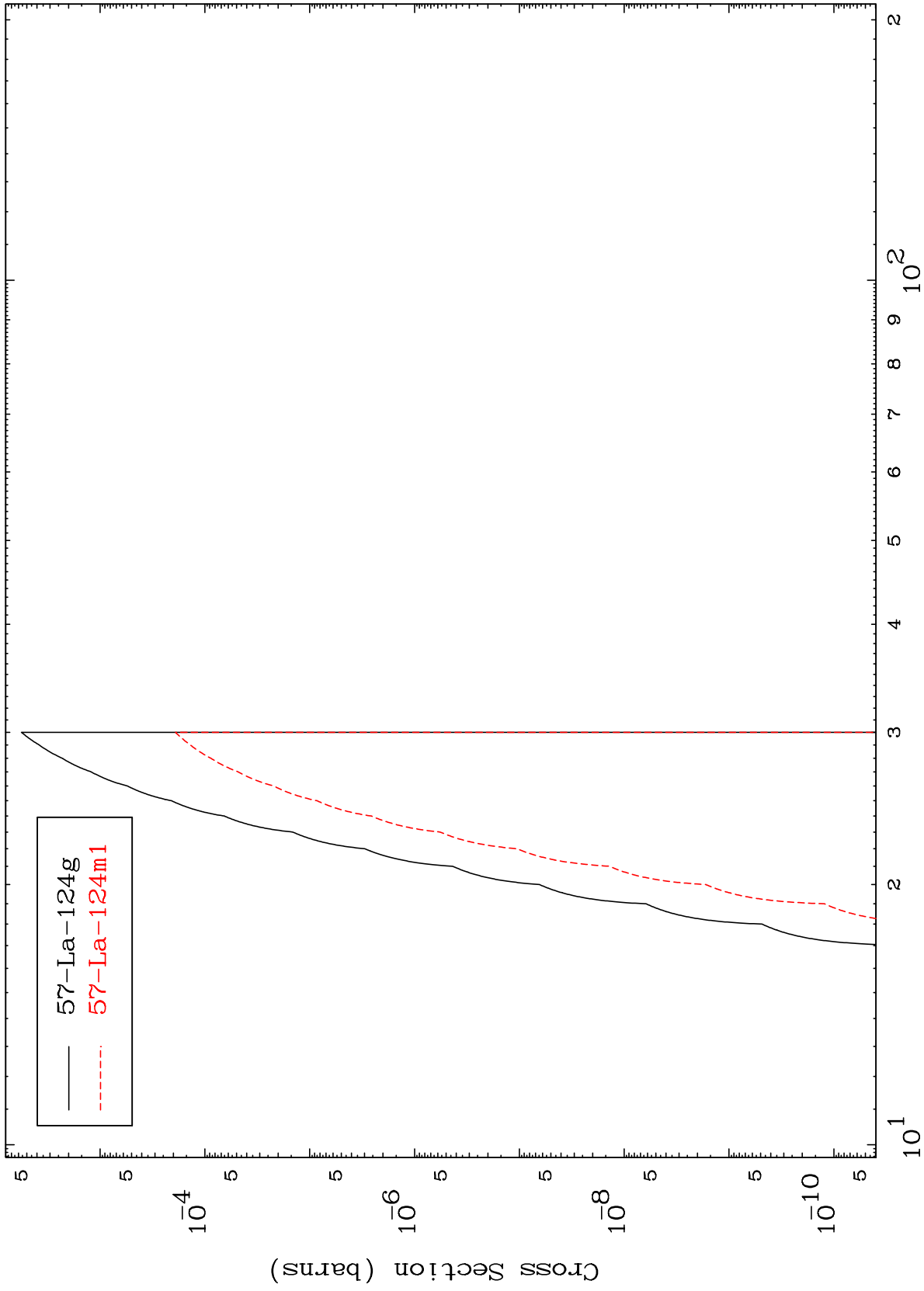
59-Pr-129

MAT 5889

(n,2n)  $\alpha$

59-Pr-129

Radionuclide Production Cross Section



27

Incident Energy (MeV)

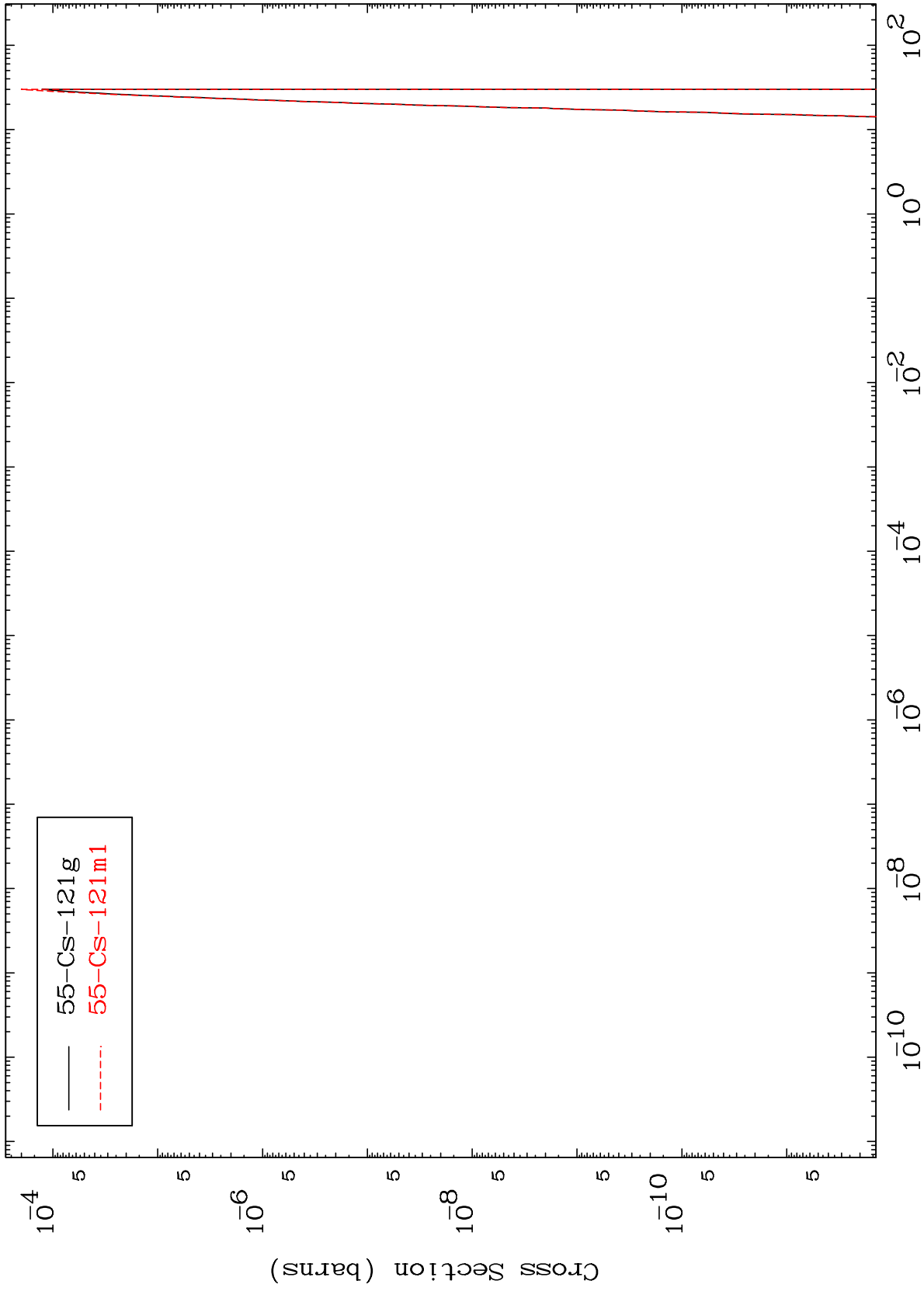
59-Pr-129

MAT 5889

(n,n') 2 $\alpha$

59-Pr-129

Radionuclide Production Cross Section



28

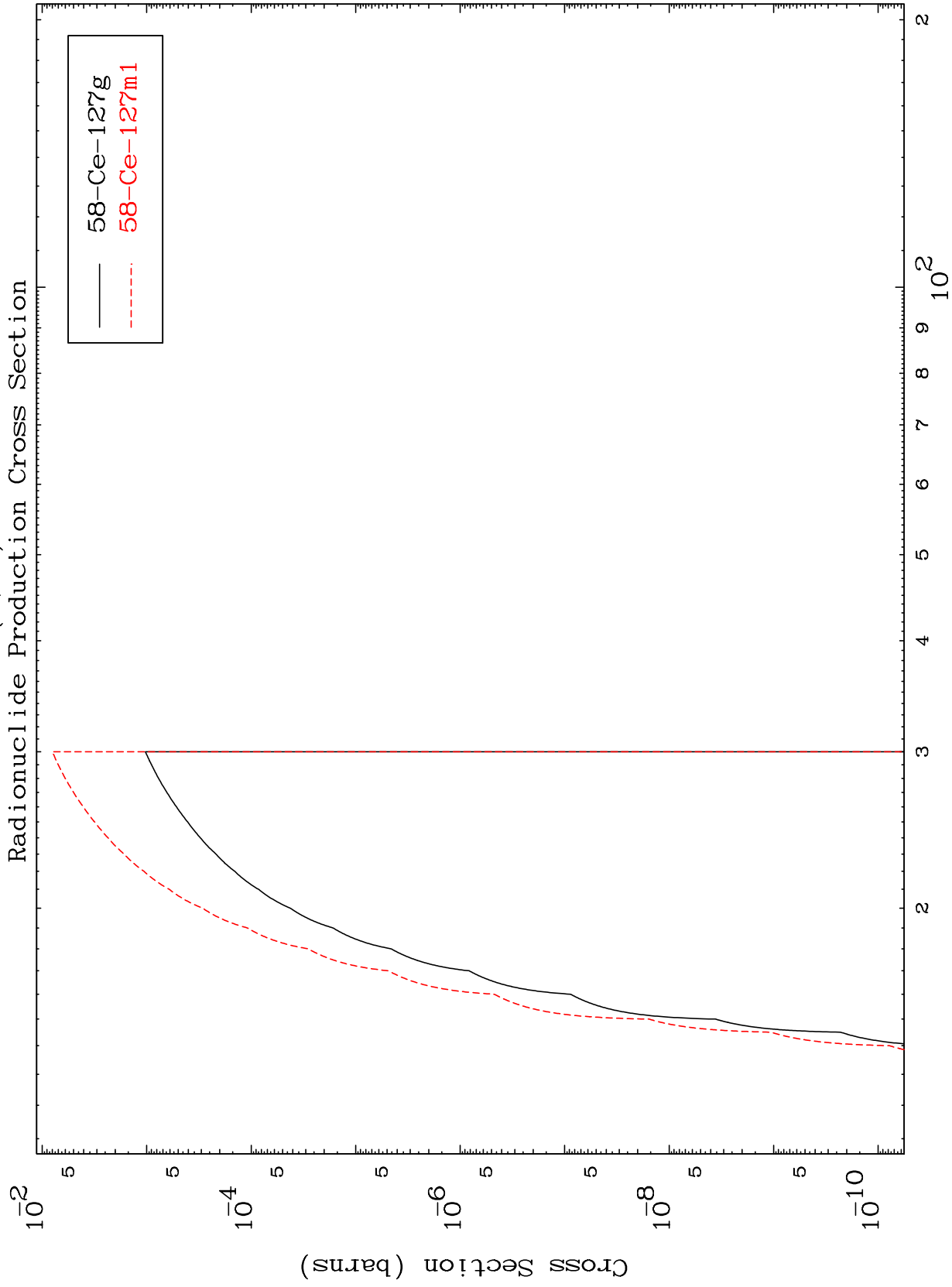
Incident Energy (MeV)

59-Pr-129

MAT 5889

(n,n') d

59-Pr-129



29

Incident Energy (MeV)

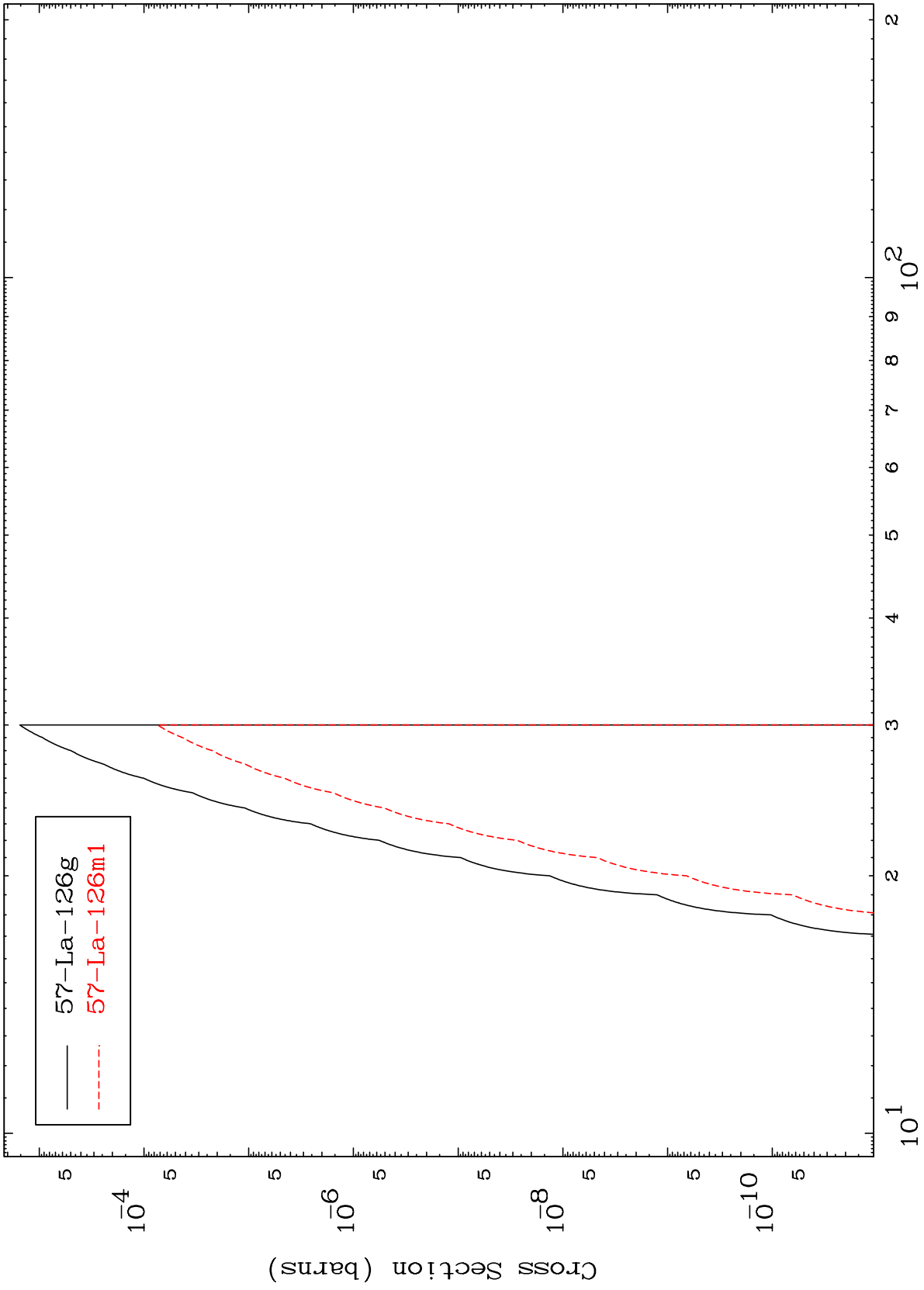
59-Pr-129

MAT 5889

(n, n') He-3

59-Pr-129

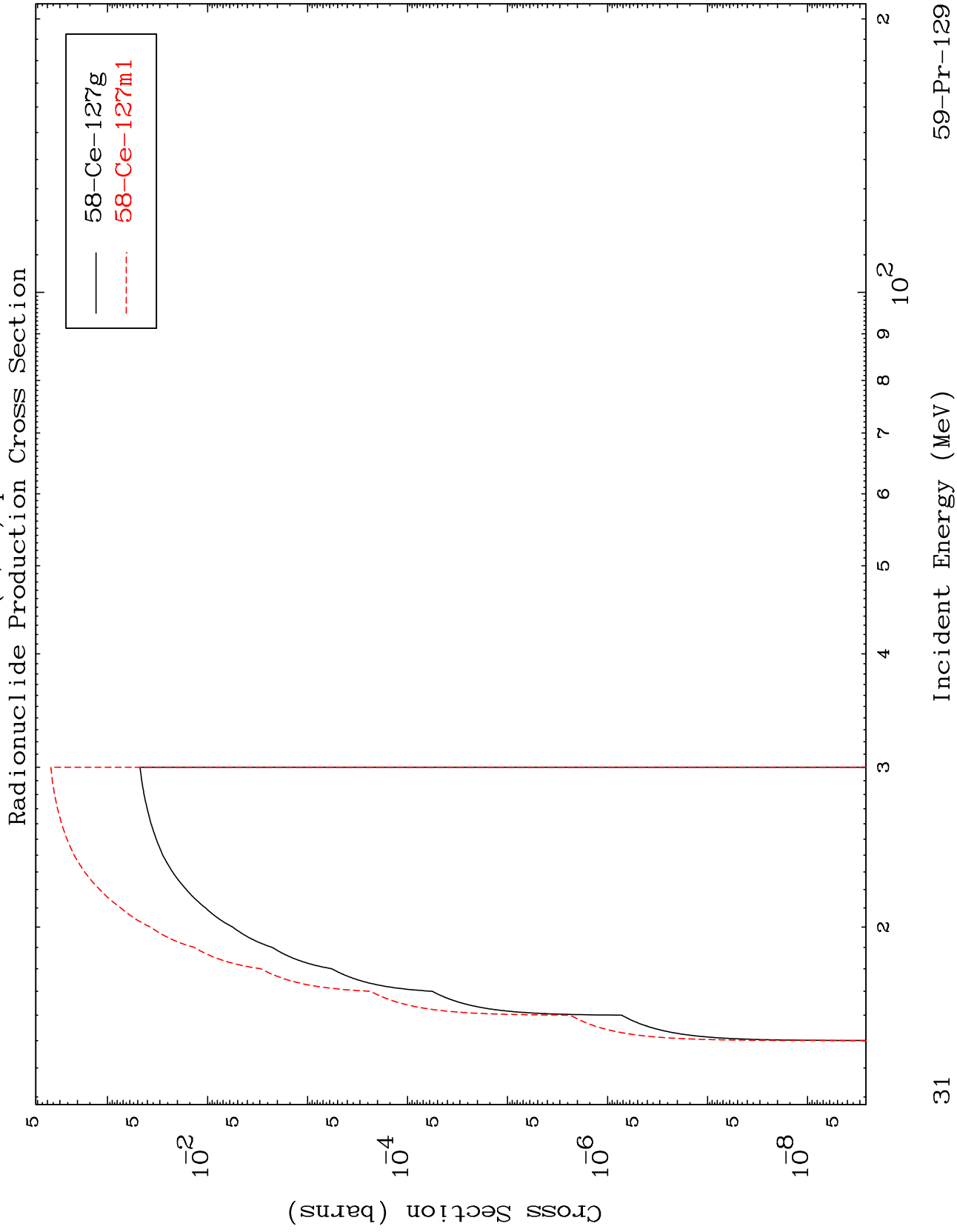
Radionuclide Production Cross Section



30

Incident Energy (MeV)

59-Pr-129



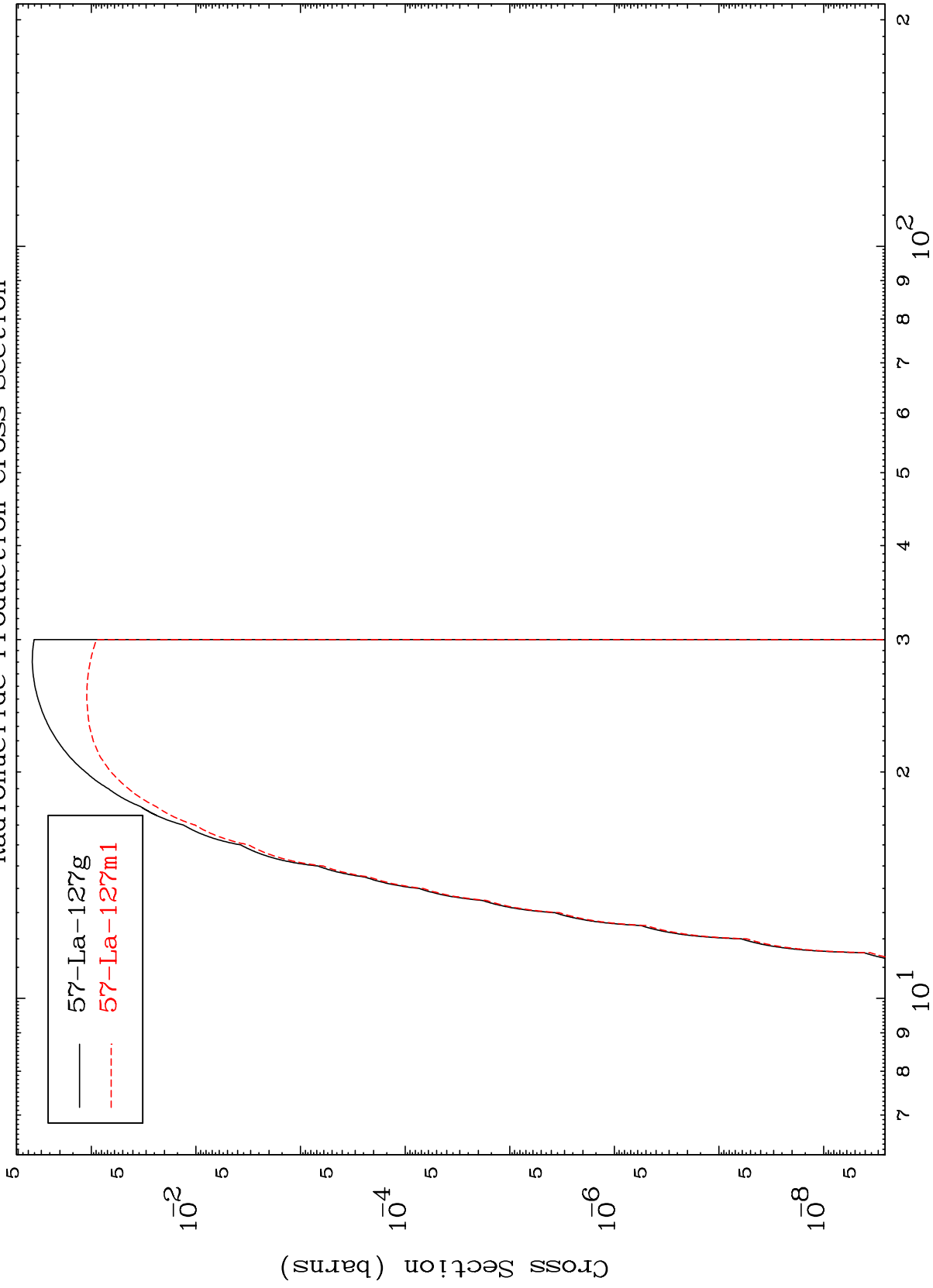


MAT 5889

(n,2n) p

59-Pr-129

Radionuclide Production Cross Section



57-La-127g  
57-La-127m1

32

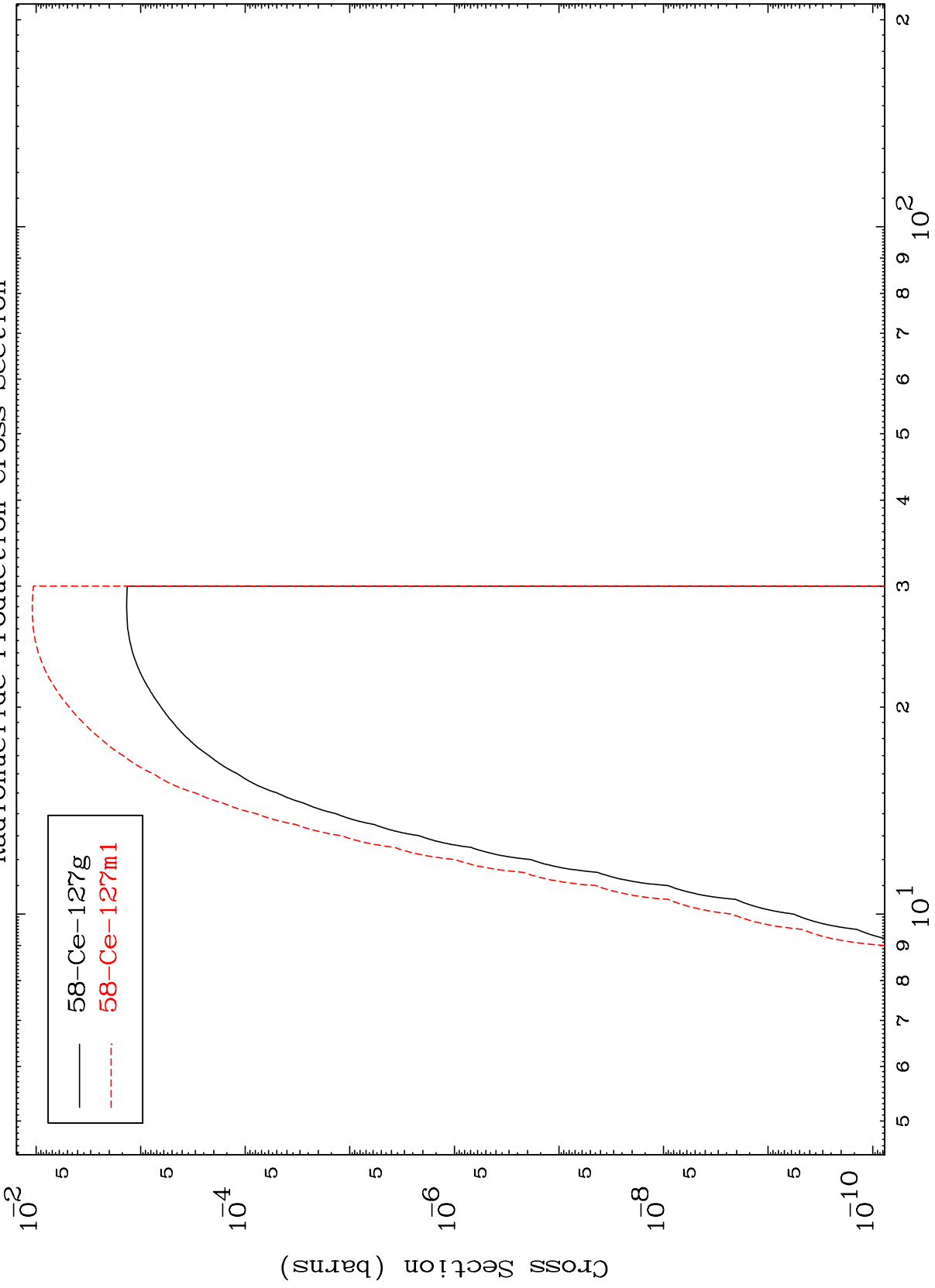
Incident Energy (MeV)

59-Pr-129

MAT 5889

59-Pr-129

(n, t)  
Radionuclide Production Cross Section



33

Incident Energy (MeV)

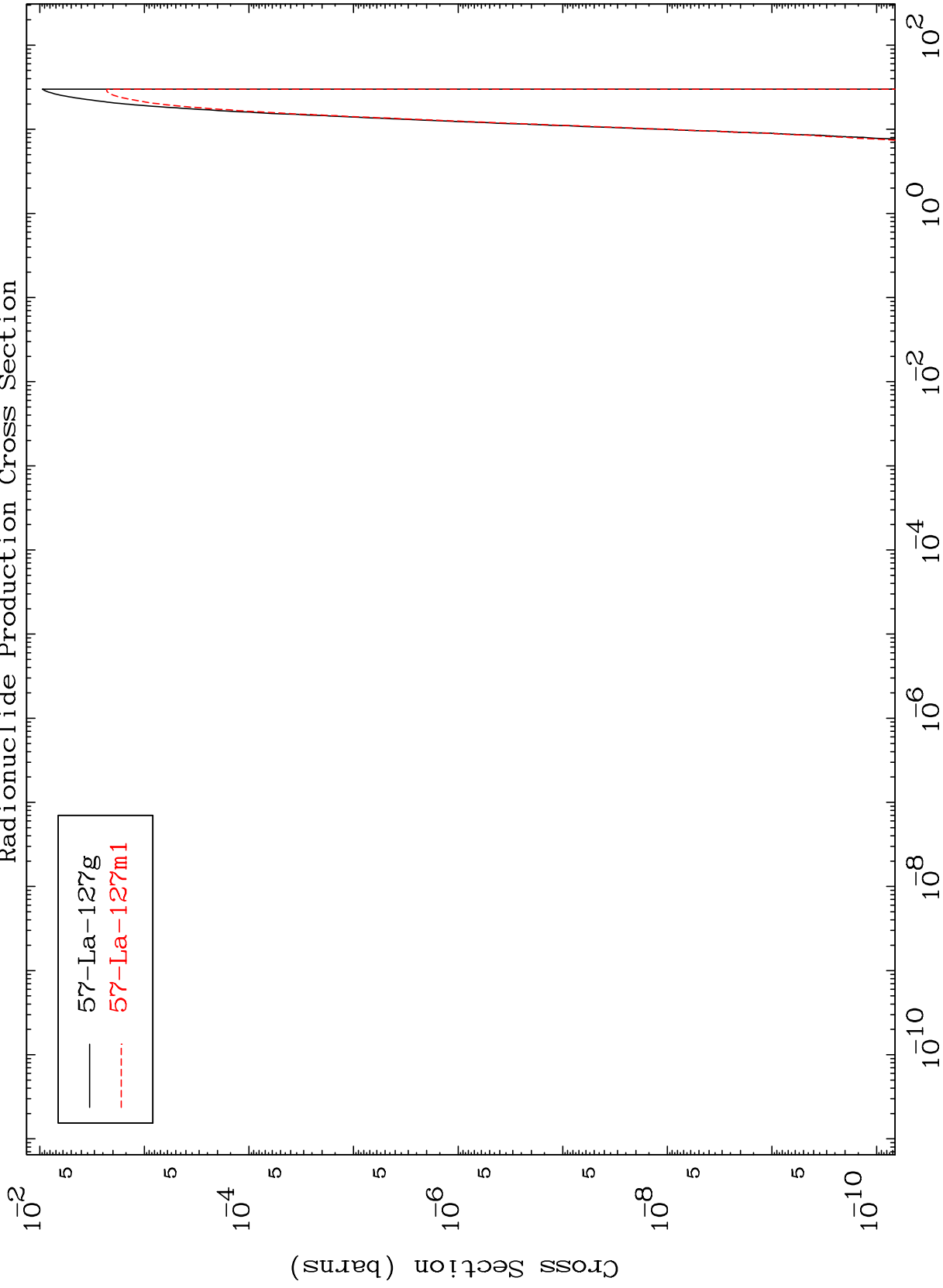
59-Pr-129

MAT 5889

(n, He-3)

59-Pr-129

Radionuclide Production Cross Section



34

Incident Energy (MeV)

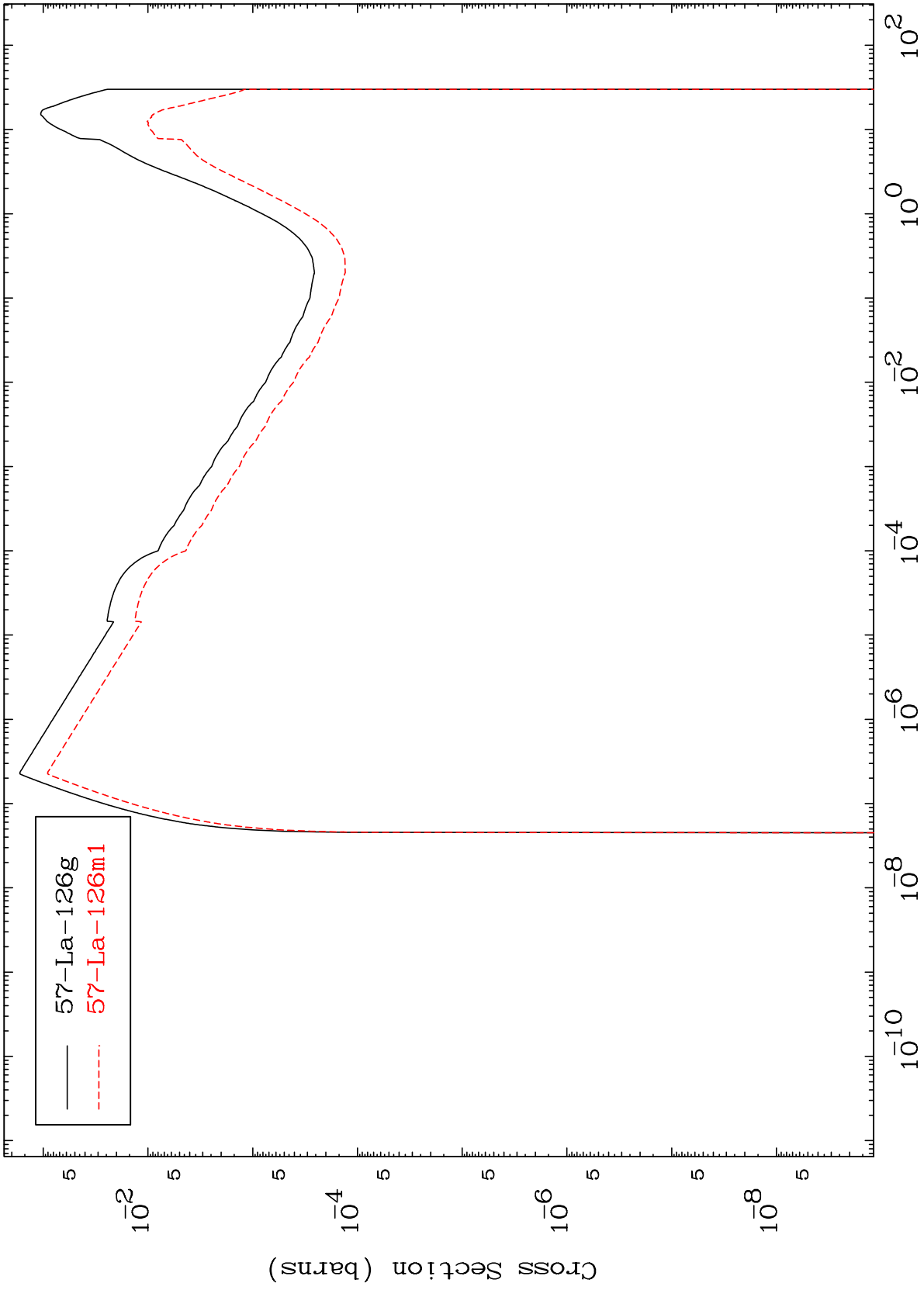
59-Pr-129

MAT 5889

(n,α)

59-Pr-129

Radionuclide Production Cross Section



57-La-126g  
57-La-126m1

35

Incident Energy (MeV)

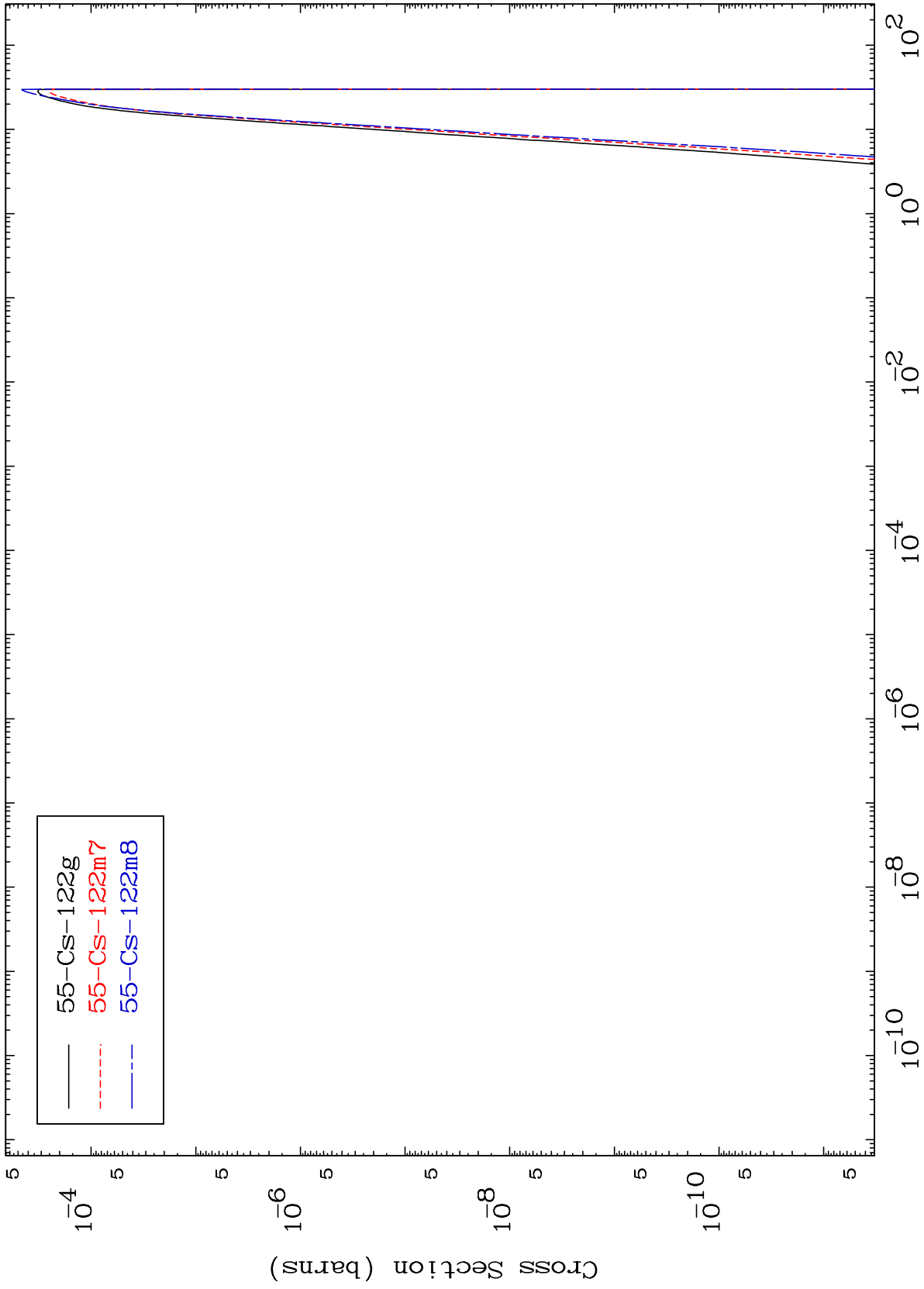
59-Pr-129

MAT 5889

(n,2α)

59-Pr-129

Radionuclide Production Cross Section



36

Incident Energy (MeV)

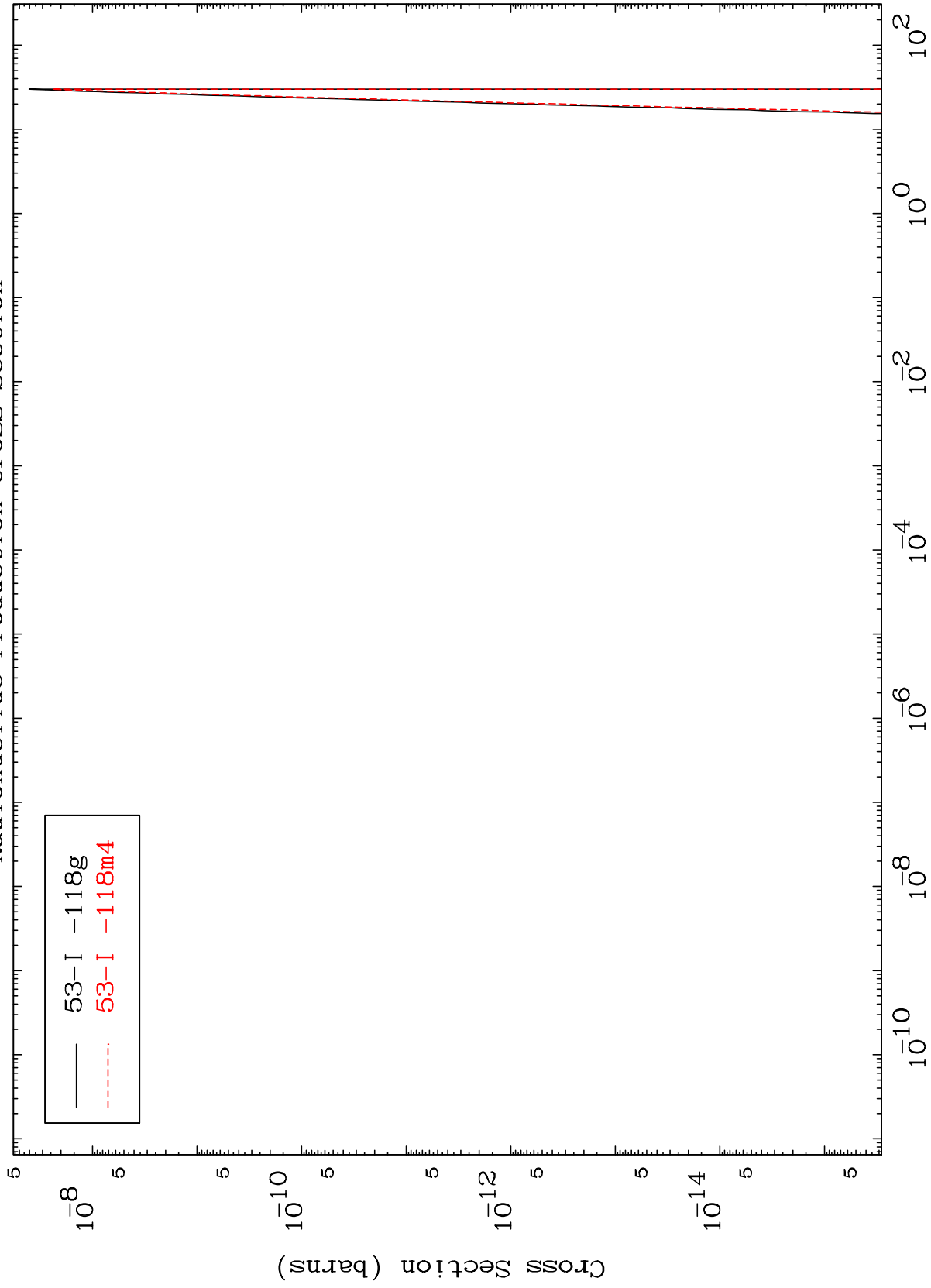
59-Pr-129

MAT 5889

(n,3α)

59-Pr-129

Radionuclide Production Cross Section



37

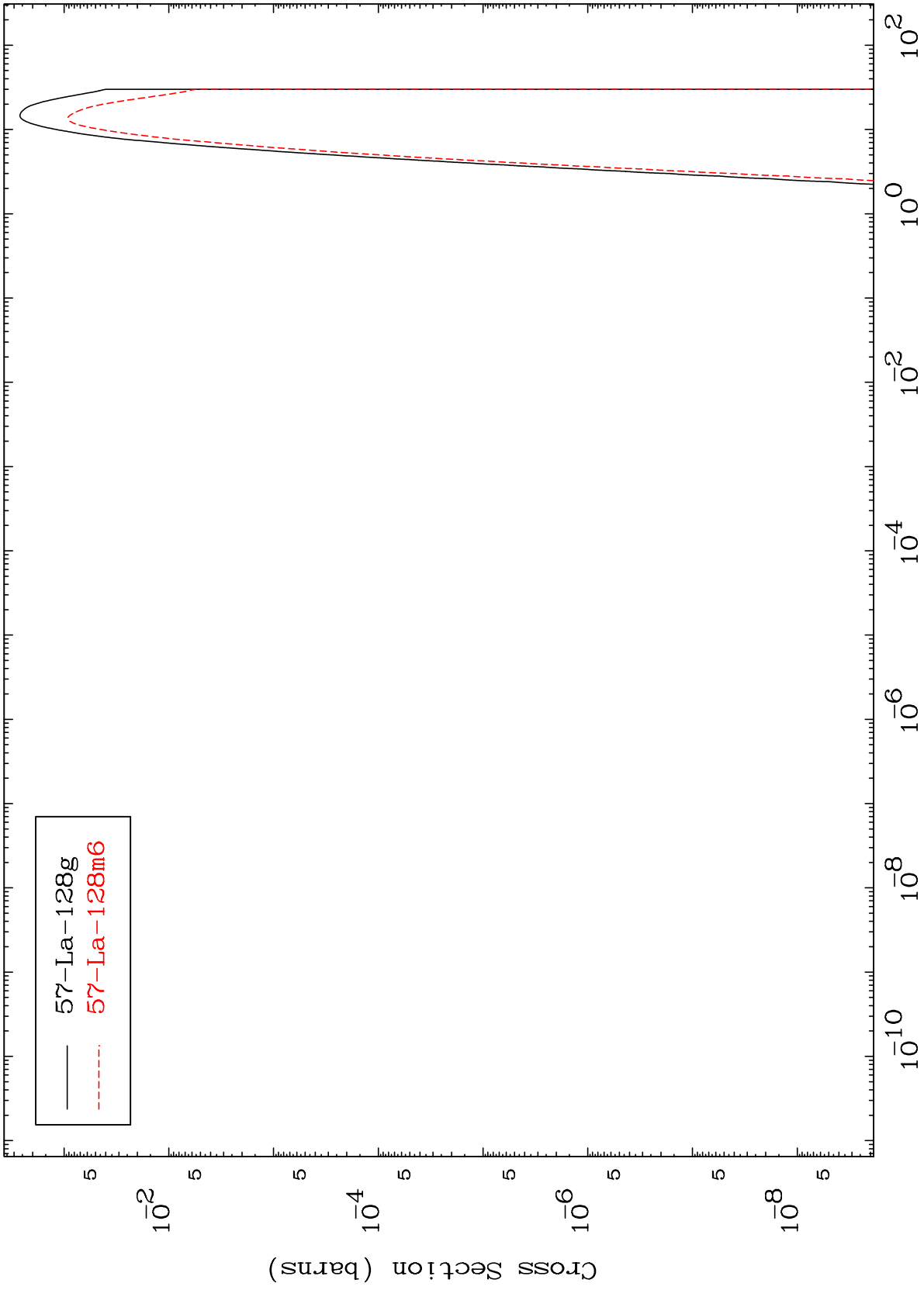
Incident Energy (MeV)

59-Pr-129

MAT 5889

(n,2p)  
Radionuclide Production Cross Section

59-Pr-129



38

Incident Energy (MeV)

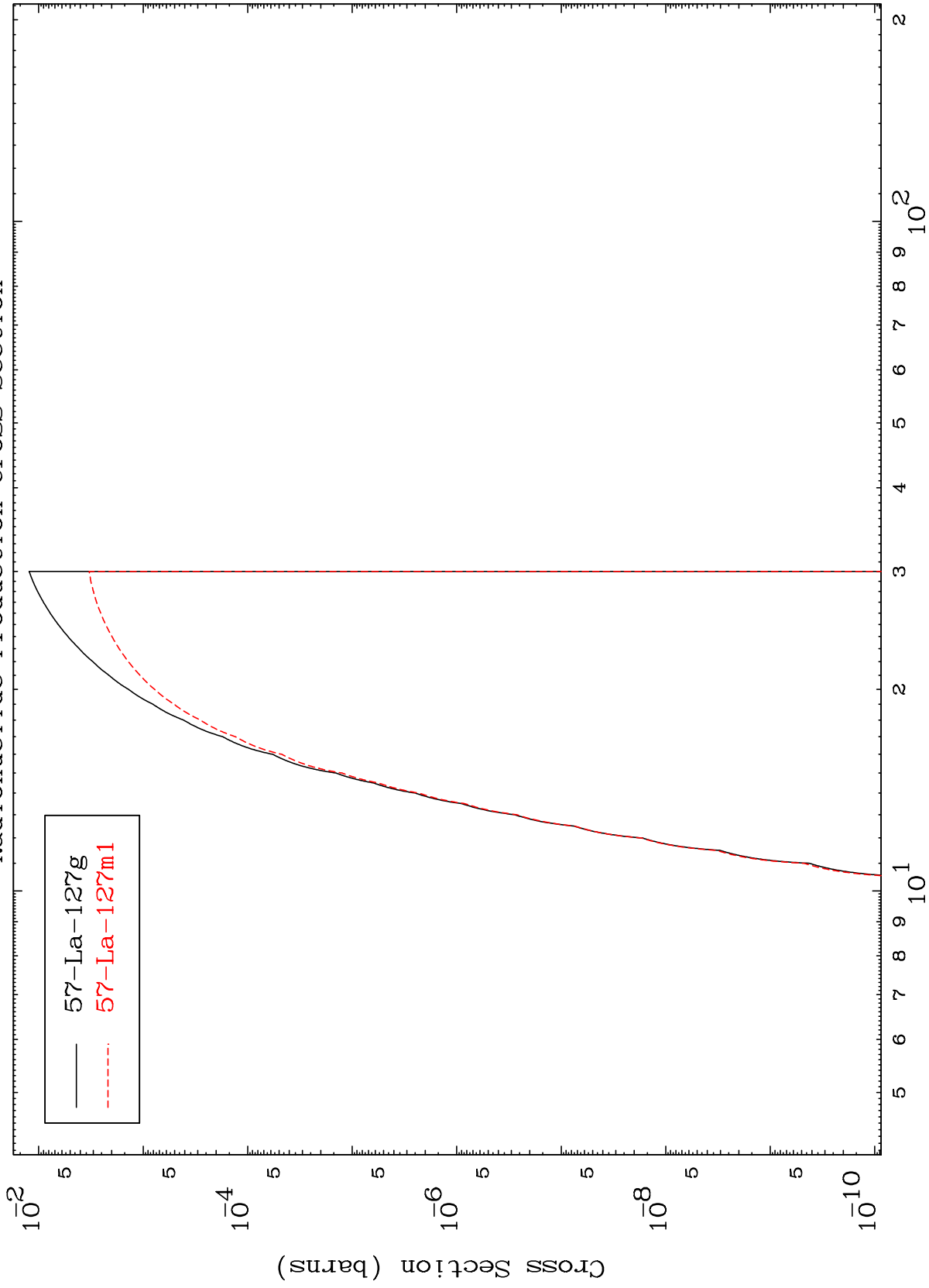
59-Pr-129

MAT 5889

(n,p) d

59-Pr-129

Radionuclide Production Cross Section



39

Incident Energy (MeV)

59-Pr-129

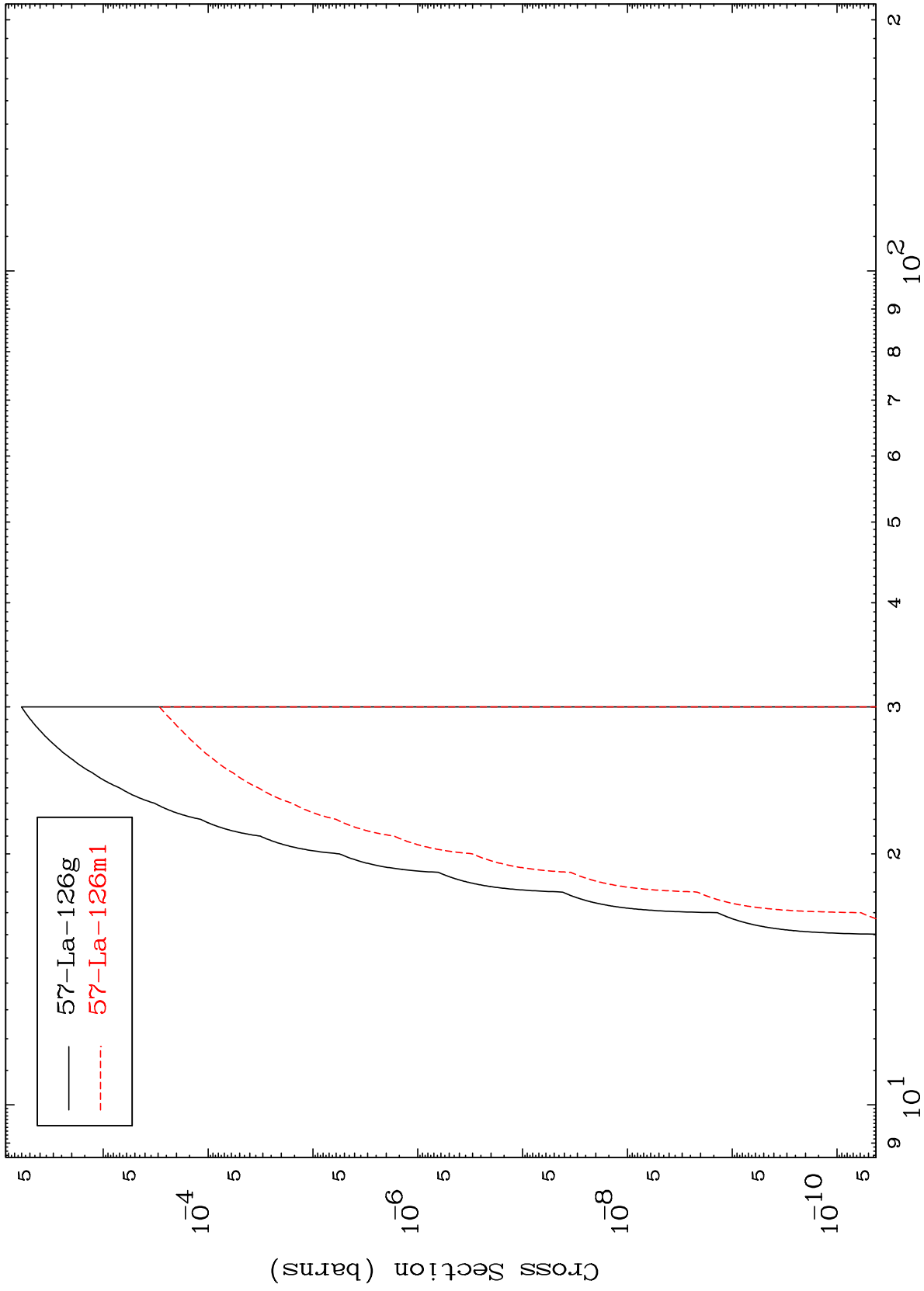


MAT 5889

(n,p) t

59-Pr-129

Radionuclide Production Cross Section



40

Incident Energy (MeV)

59-Pr-129