

Program EVALPLOT  
(Version 2018-1)

by

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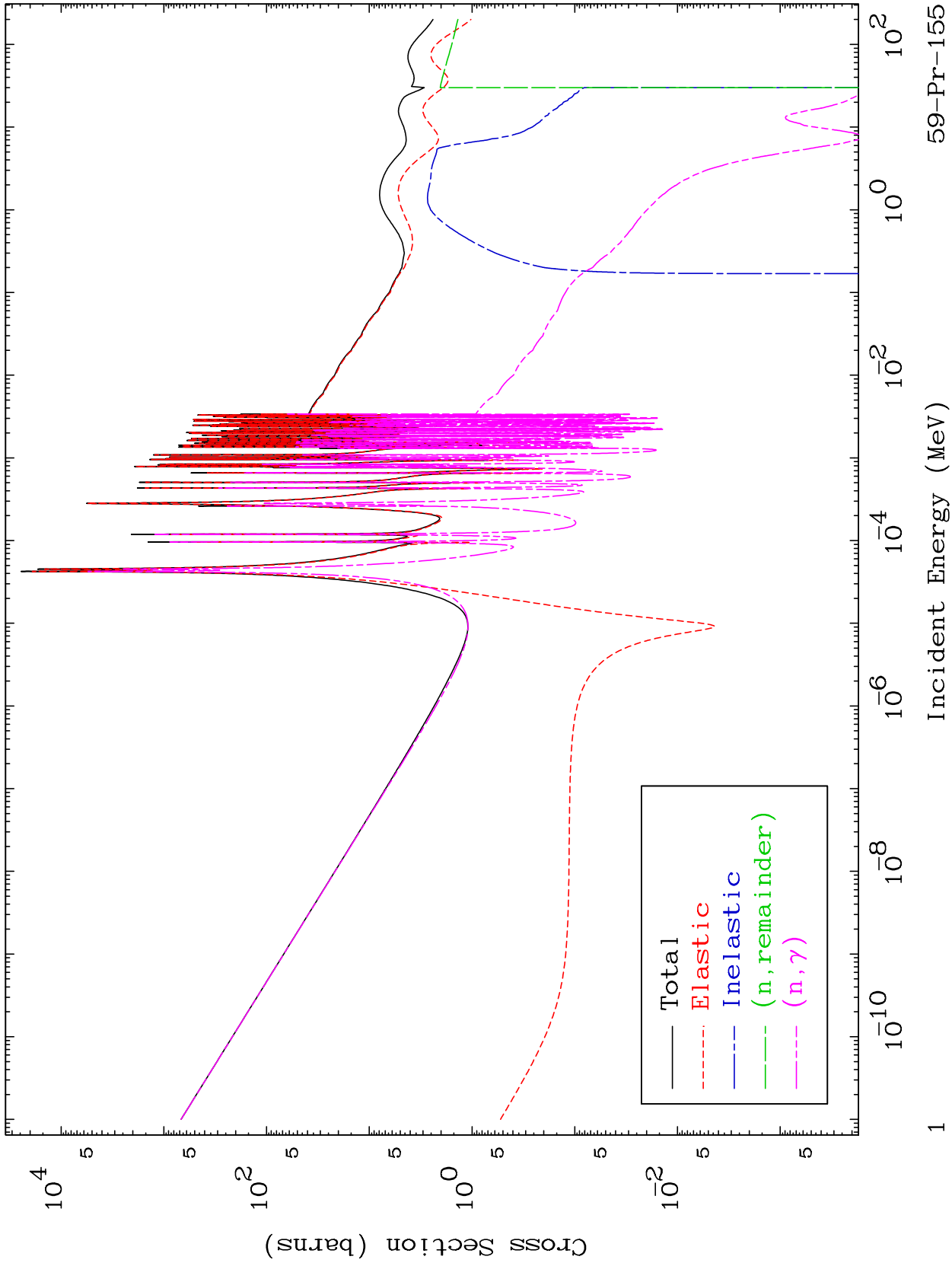
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5967

Major  
293 Kelvin Cross Sections

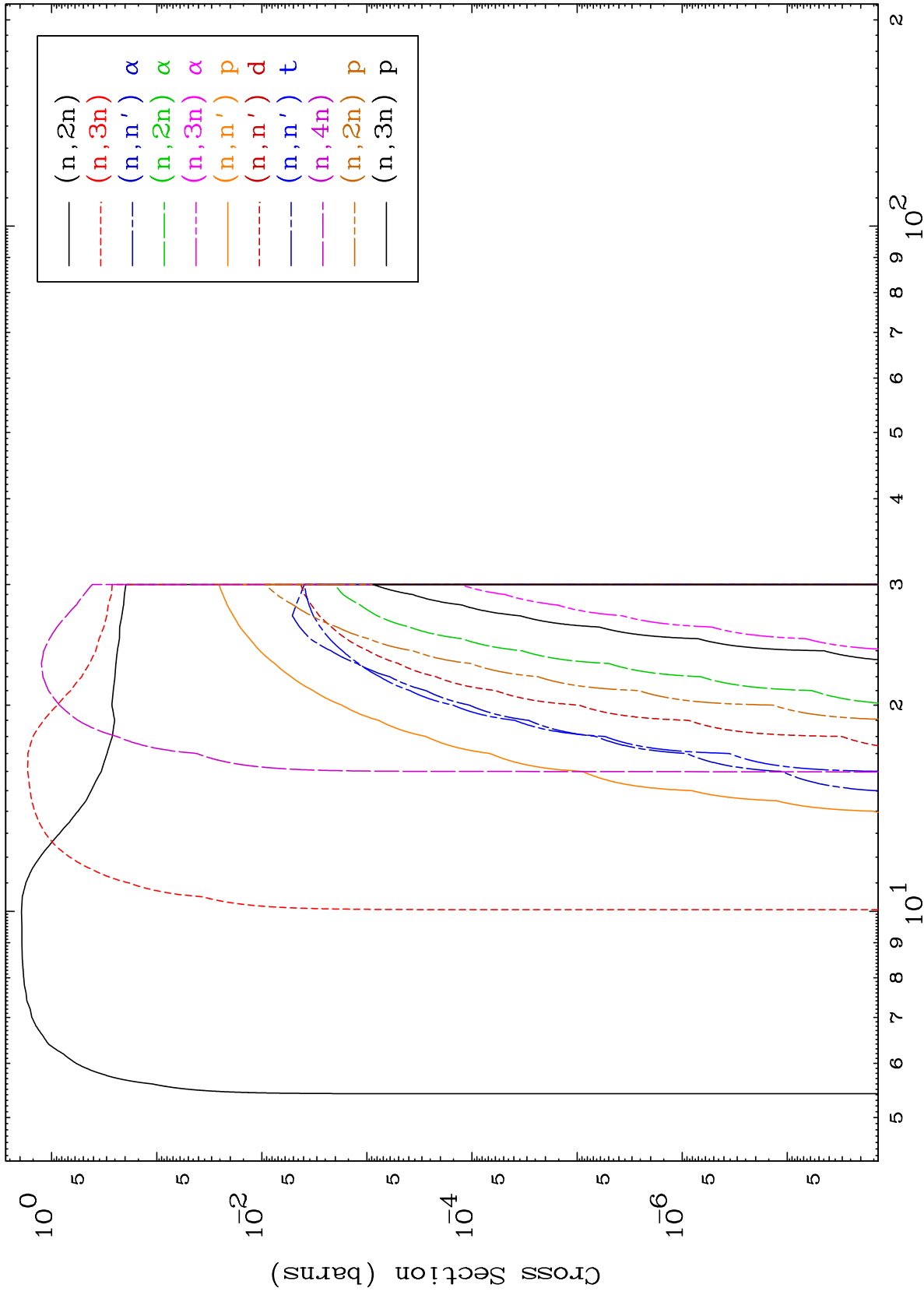
59-Pr-155



MAT 5967

Neutron Production  
293 Kelvin Cross Sections

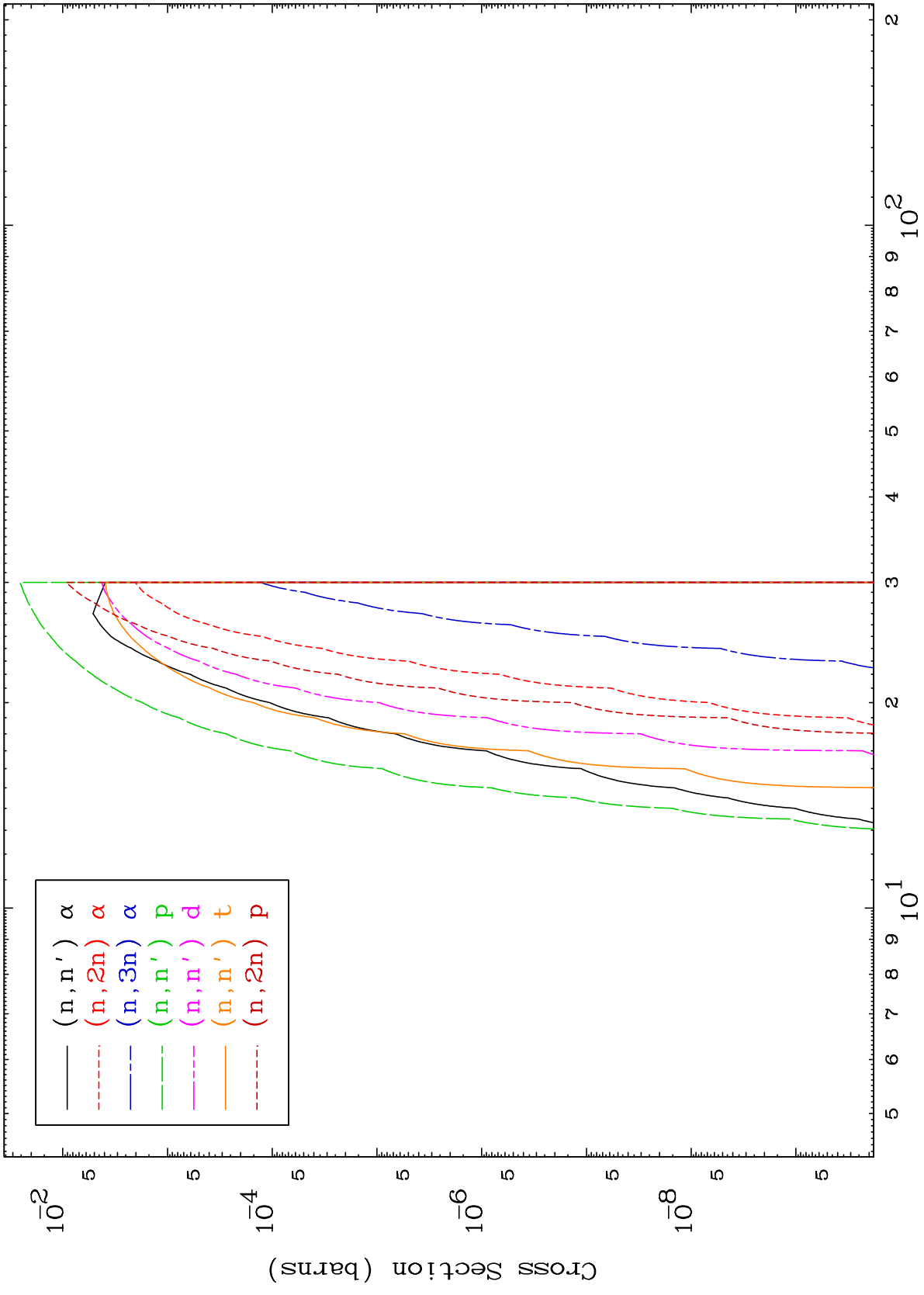
59-Pr-155



2

Incident Energy (MeV)

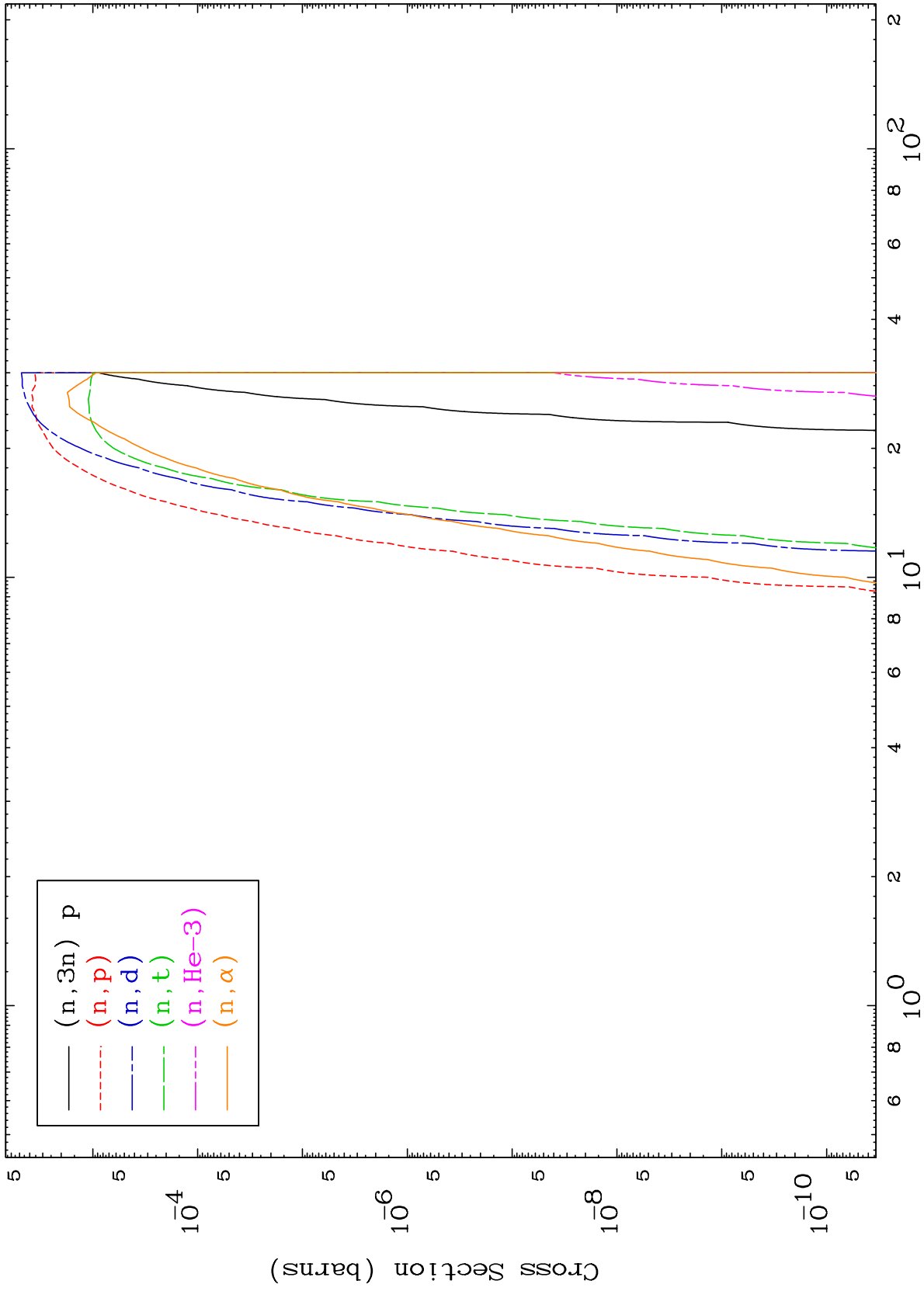
59-Pr-155



MAT 5967

293 Kelvin Cross Sections

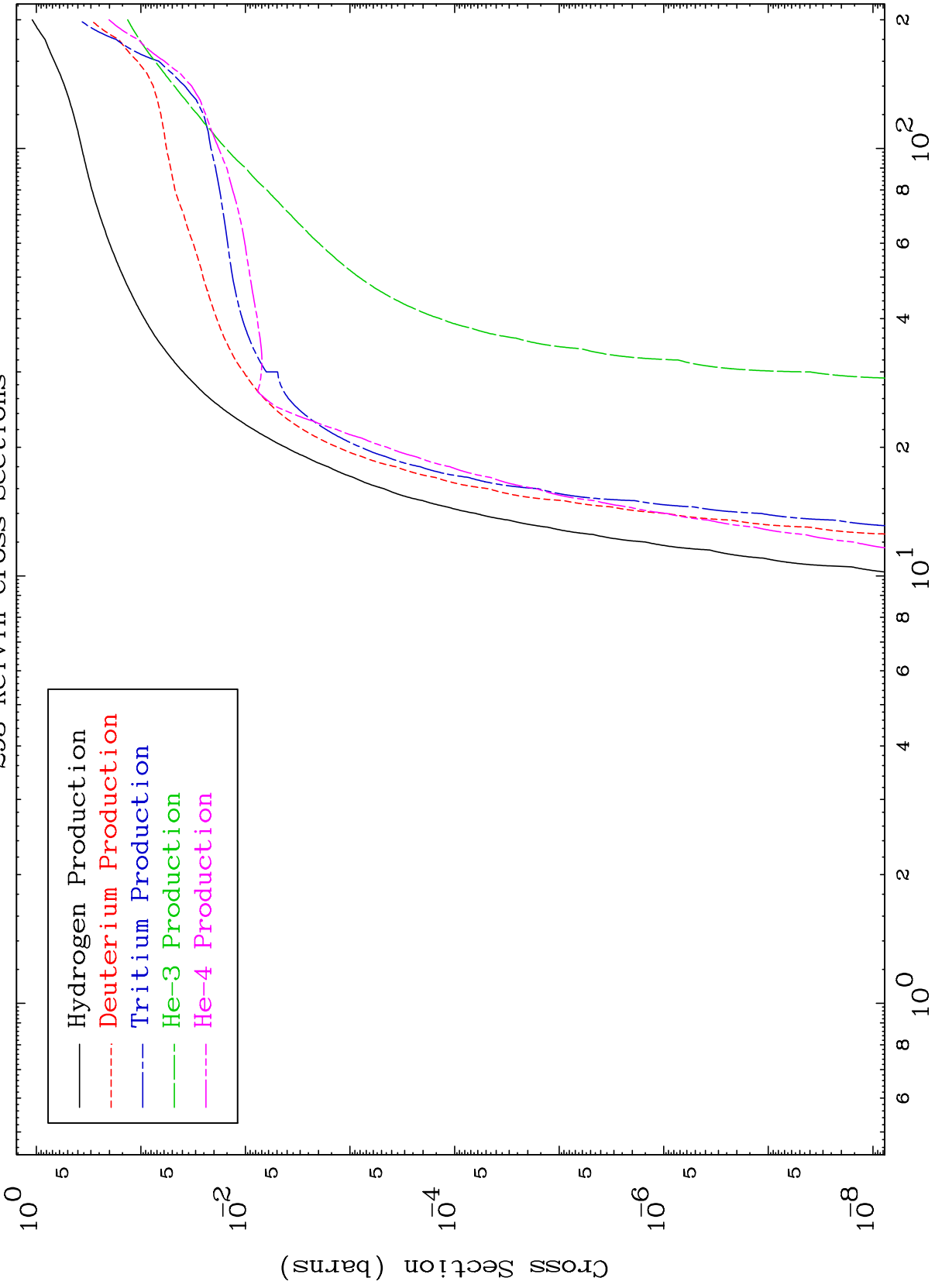
59-Pr-155



MAT 5967

Particle Production  
293 Kelvin Cross Sections

59-Pr-155



5

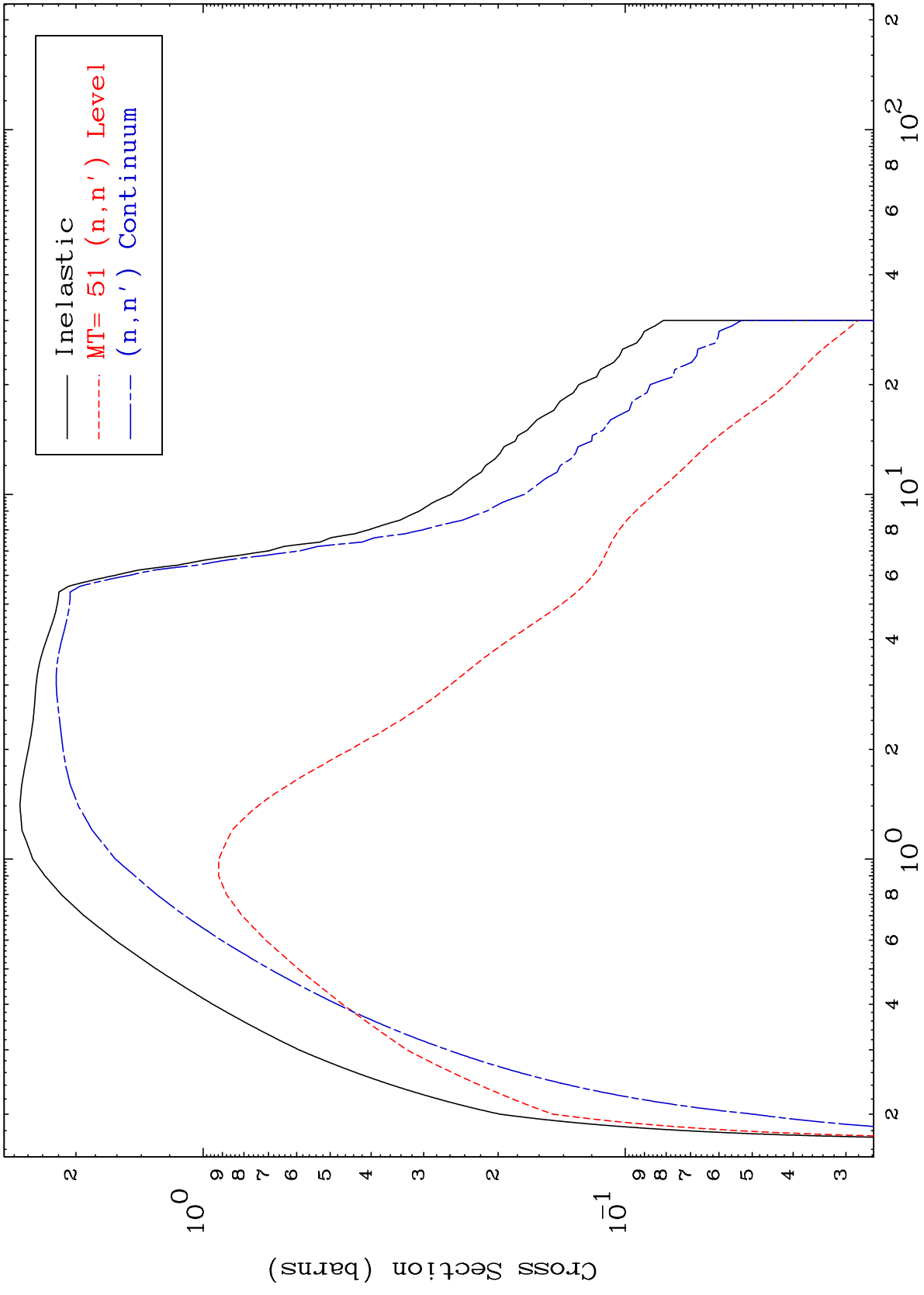
Incident Energy (MeV)

59-Pr-155

MAT 5967

(n,n') Level  
293 Kelvin Cross Sections

59-Pr-155



6

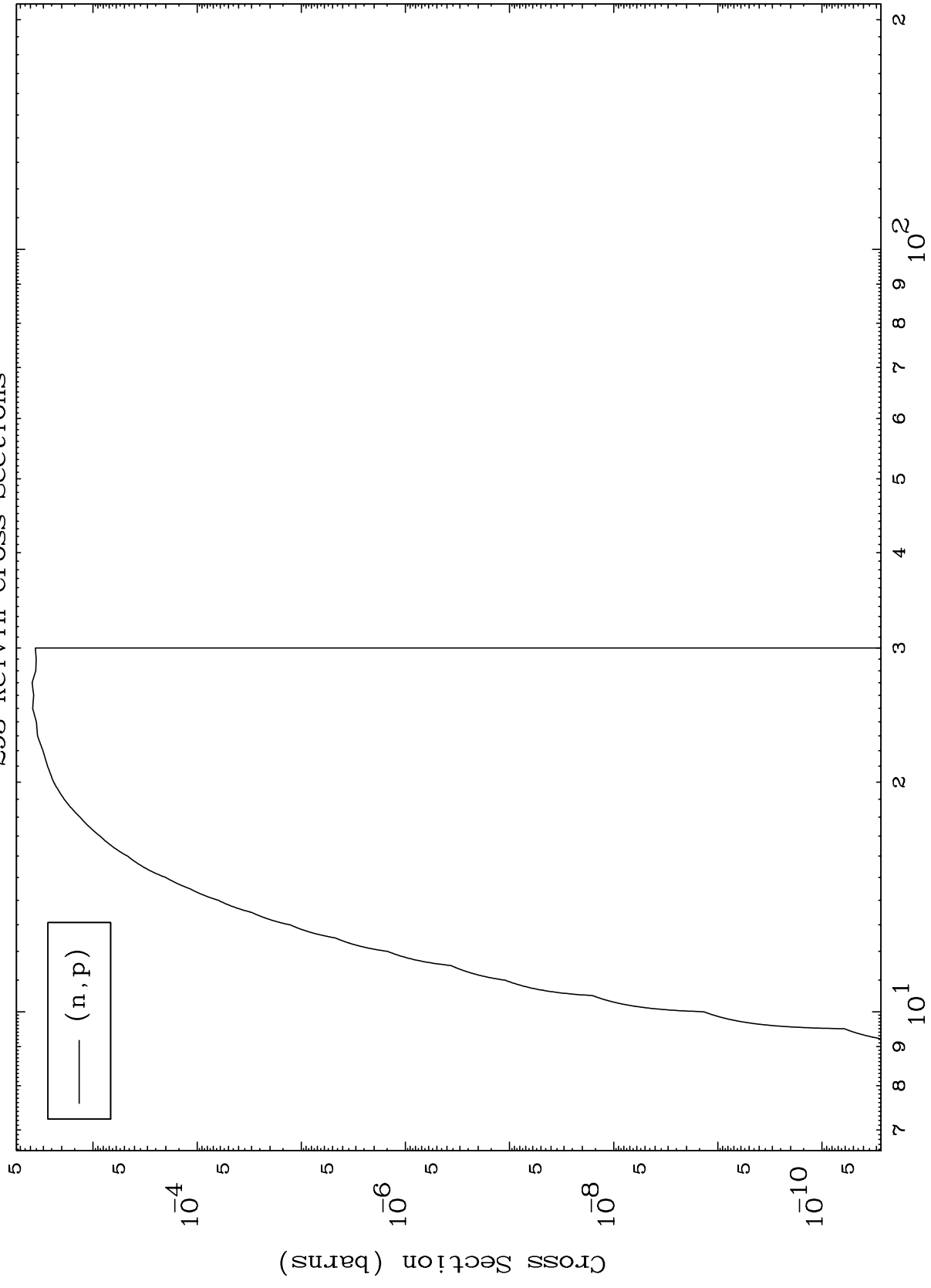
Incident Energy (MeV)

59-Pr-155

MAT 5967

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-155



7

Incident Energy (MeV)

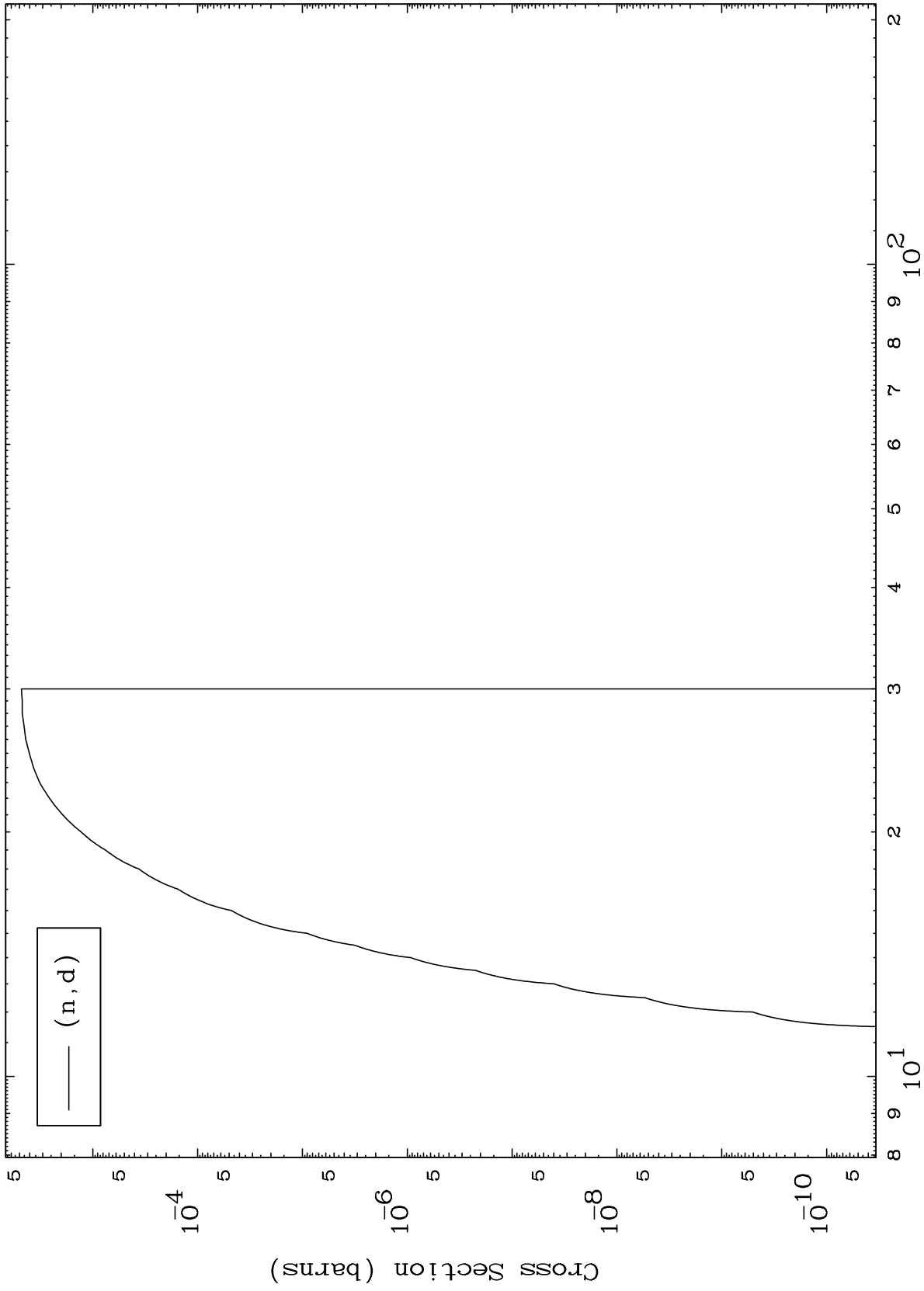
59-Pr-155



MAT 5967

(n,d) Levels  
293 Kelvin Cross Sections

59-Pr-155



8

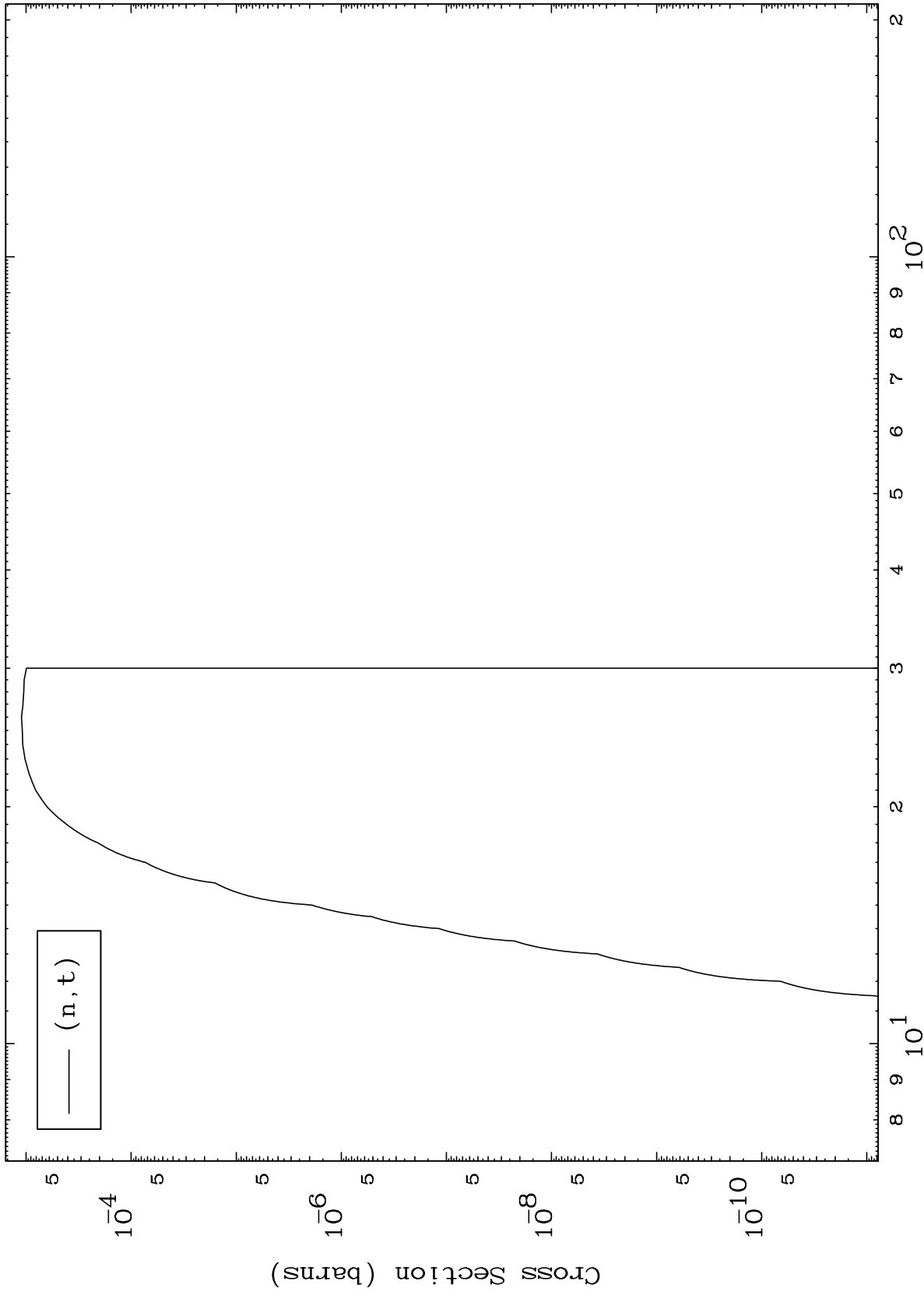
Incident Energy (MeV)

59-Pr-155

MAT 5967

(n,t) Levels  
293 Kelvin Cross Sections

59-Pr-155



9

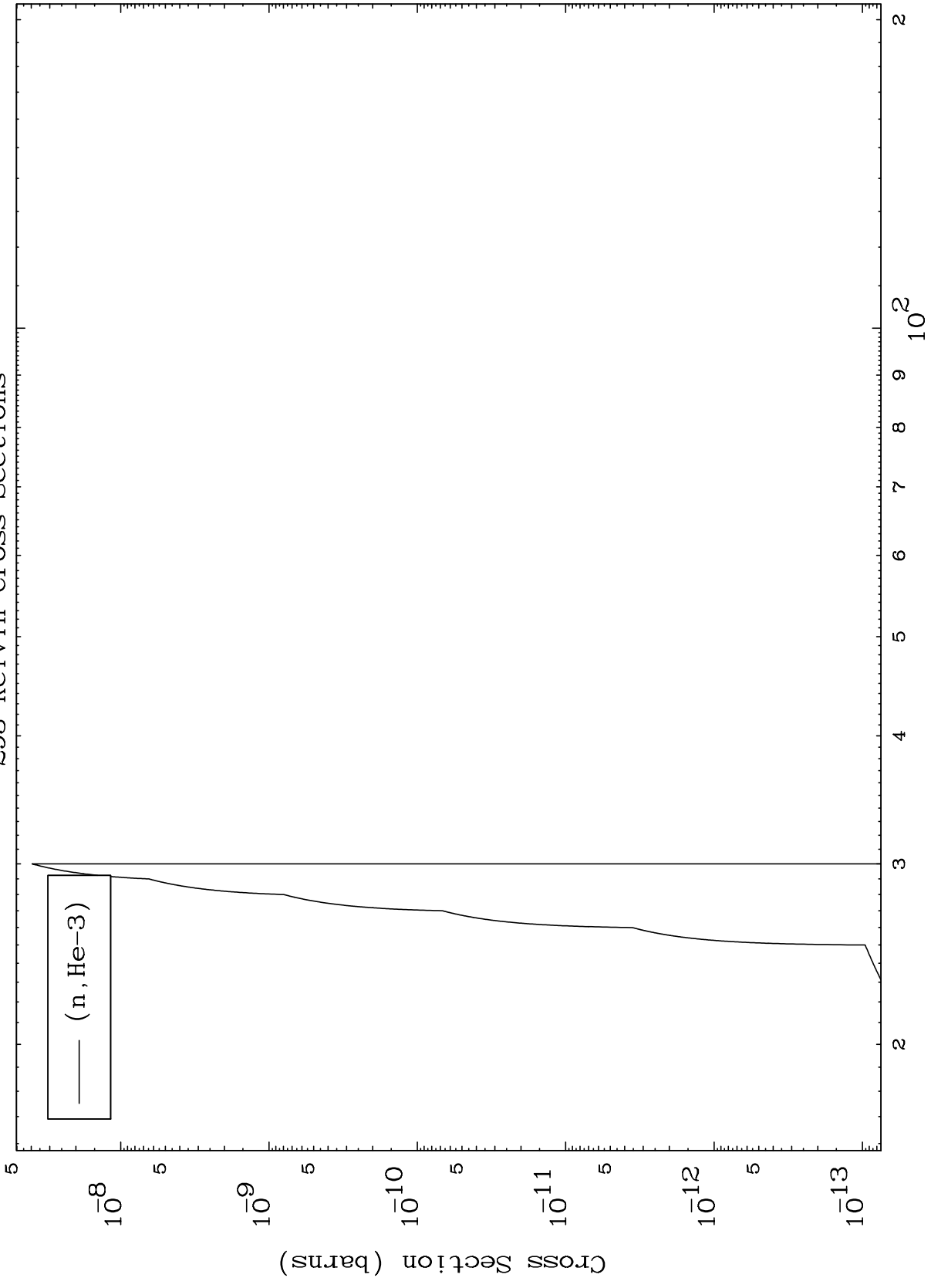
Incident Energy (MeV)

59-Pr-155

MAT 5967

(n,He3) Levels  
293 Kelvin Cross Sections

59-Pr-155



10

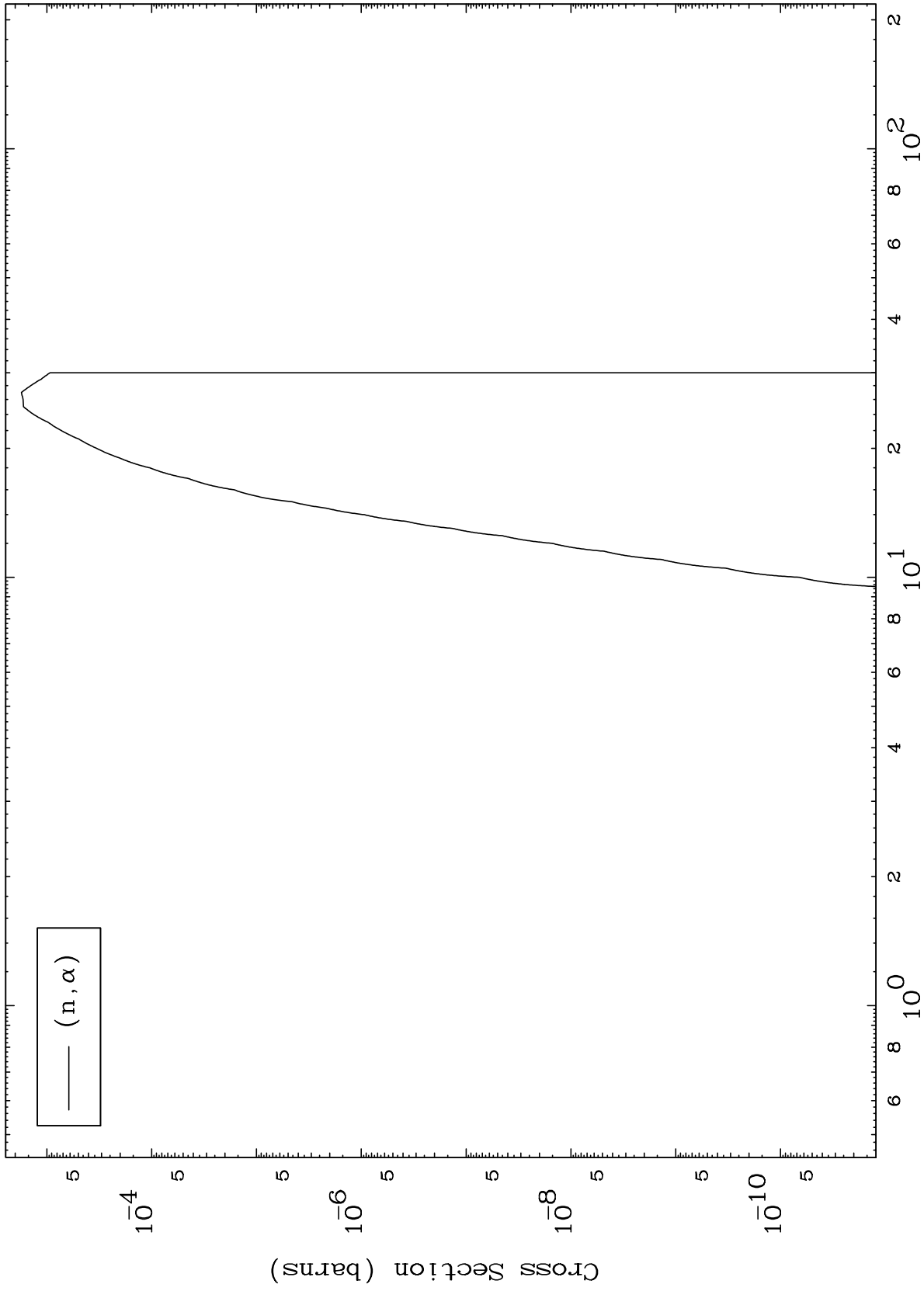
Incident Energy (MeV)

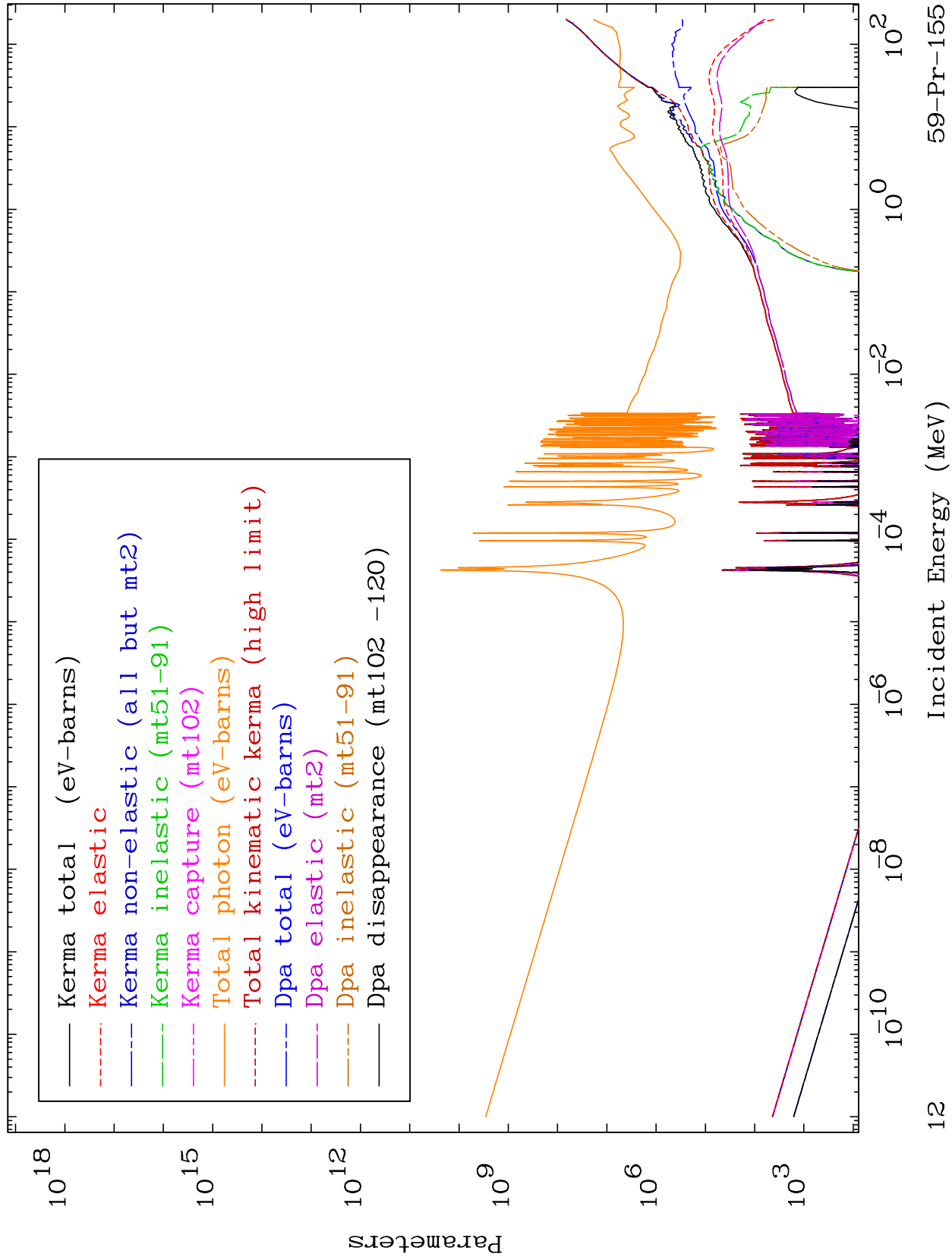
59-Pr-155

MAT 5967

(n,α) Levels  
293 Kelvin Cross Sections

59-Pr-155

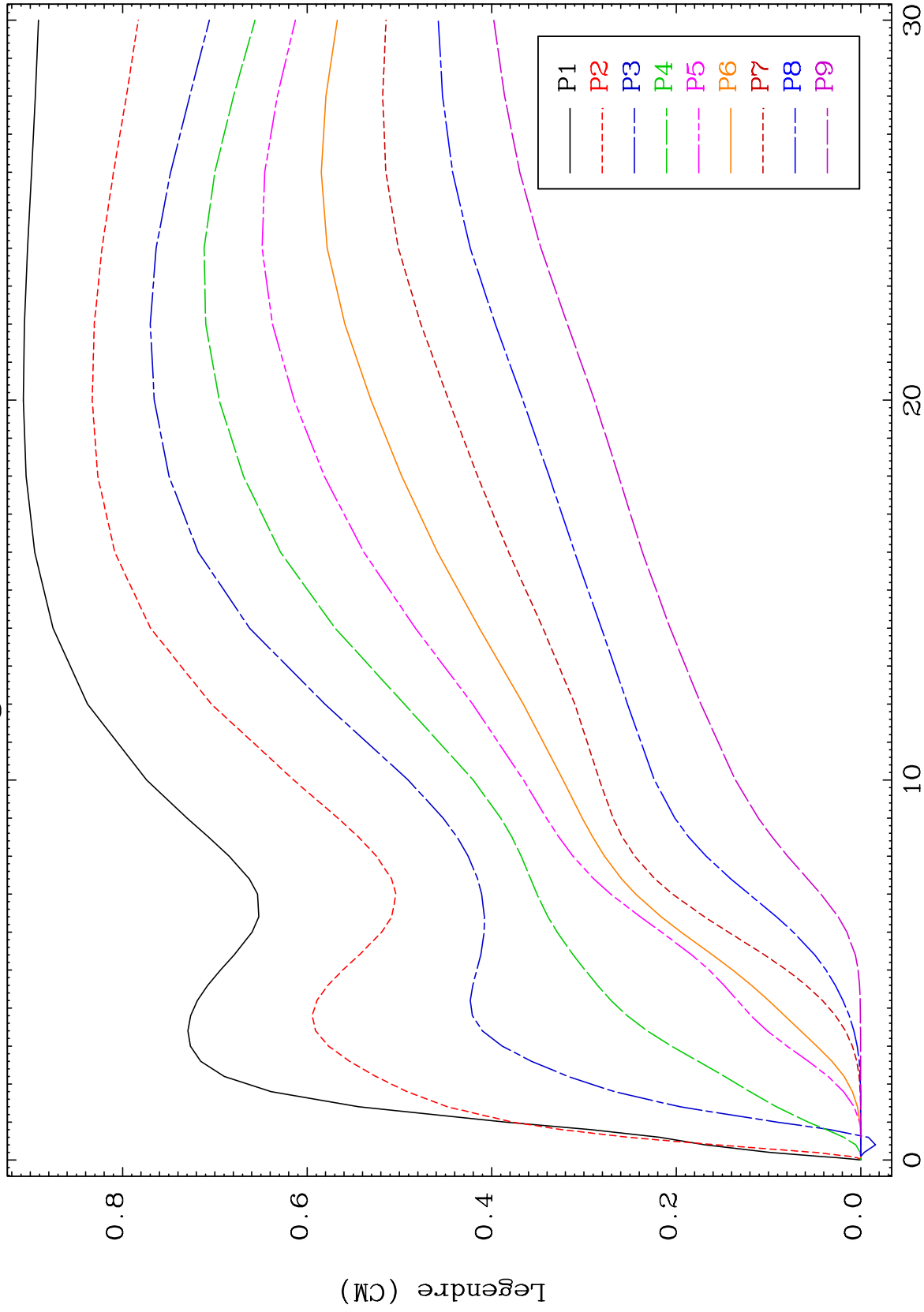




MAT 5967

Elastic Legendre Coefficients

59-Pr-155



13

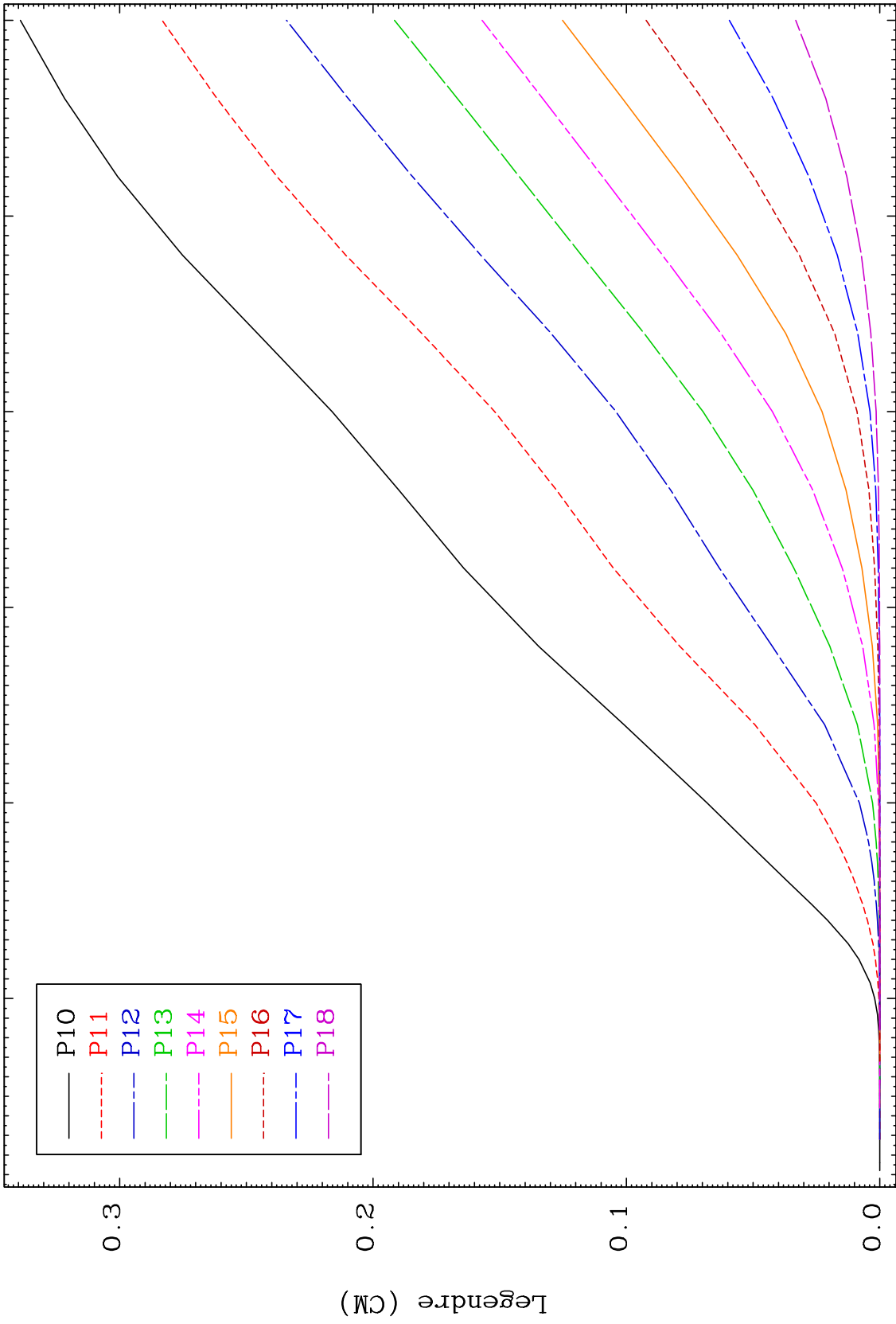
Incident Energy (MeV)

59-Pr-155

MAT 5967

Elastic Legendre Coefficients

59-Pr-155



14

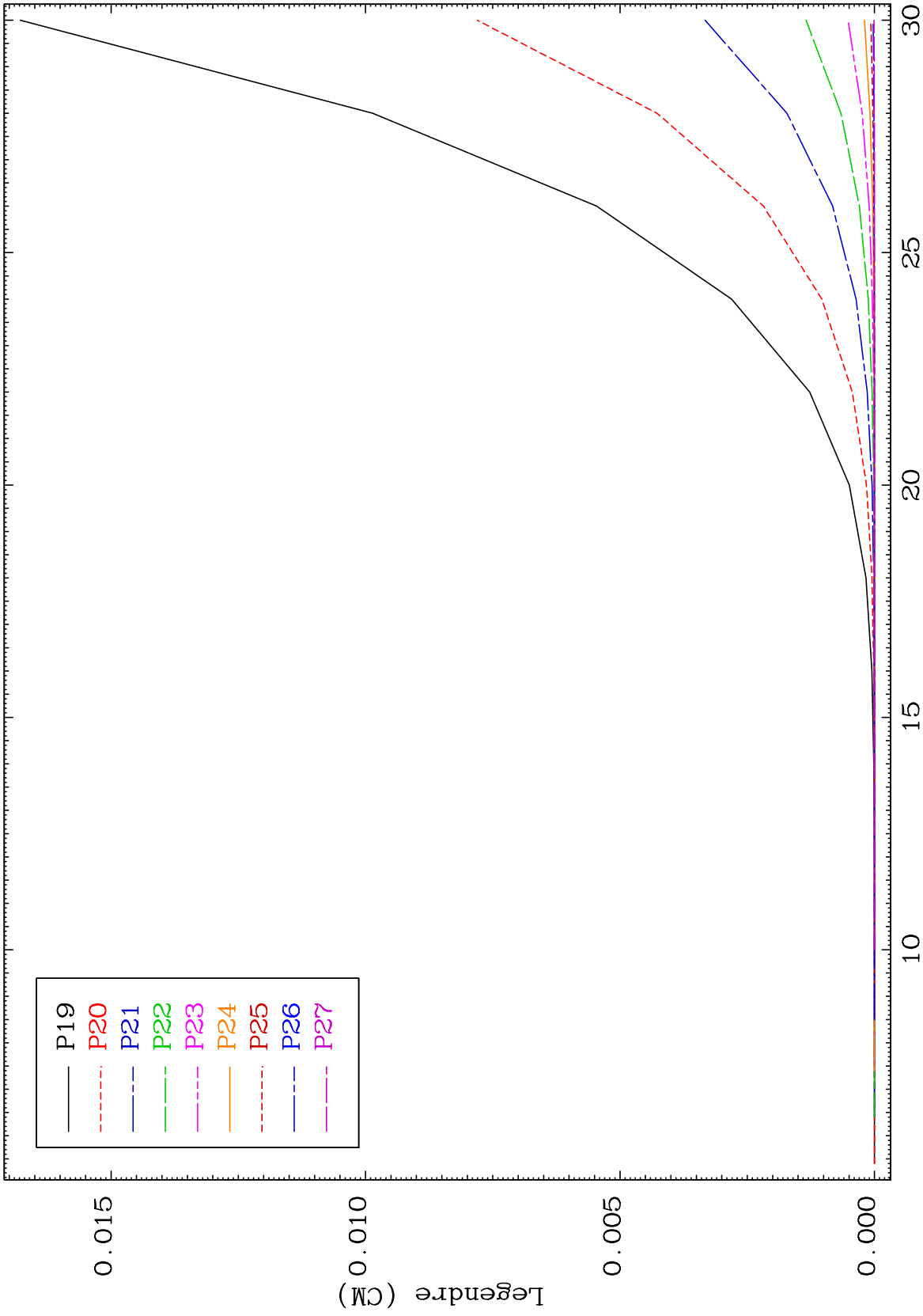
Incident Energy (MeV)

59-Pr-155

MAT 5967

### Elastic Legendre Coefficients

59-Pr-155



15

Incident Energy (MeV)

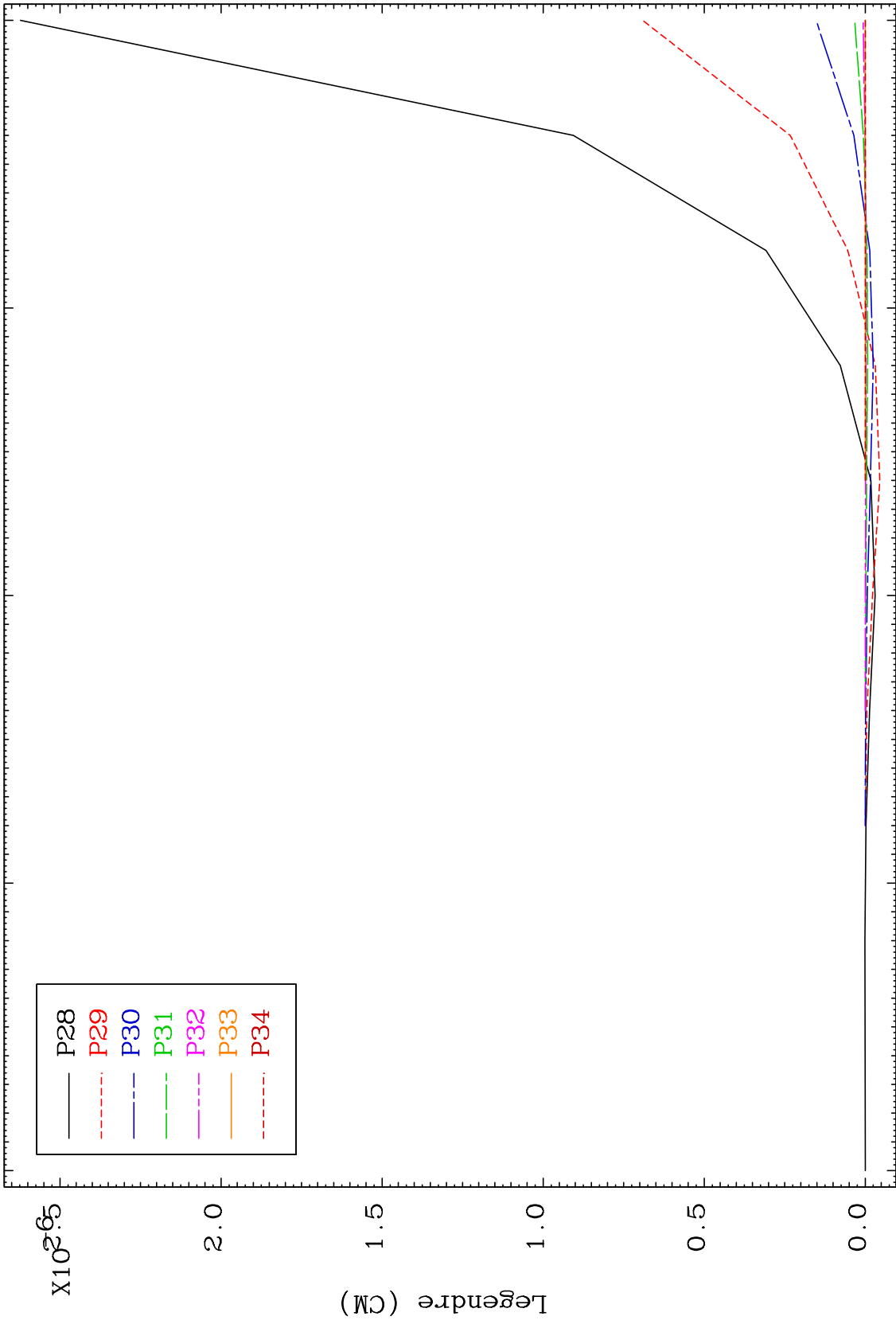
59-Pr-155



MAT 5967

Elastic Legendre Coefficients

59-Pr-155



10

15

20

25

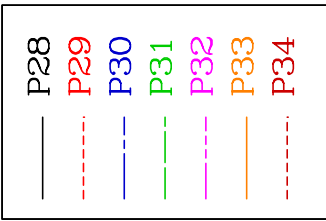
30

59-Pr-155

X10<sup>2.65</sup>

Legendre (CM)

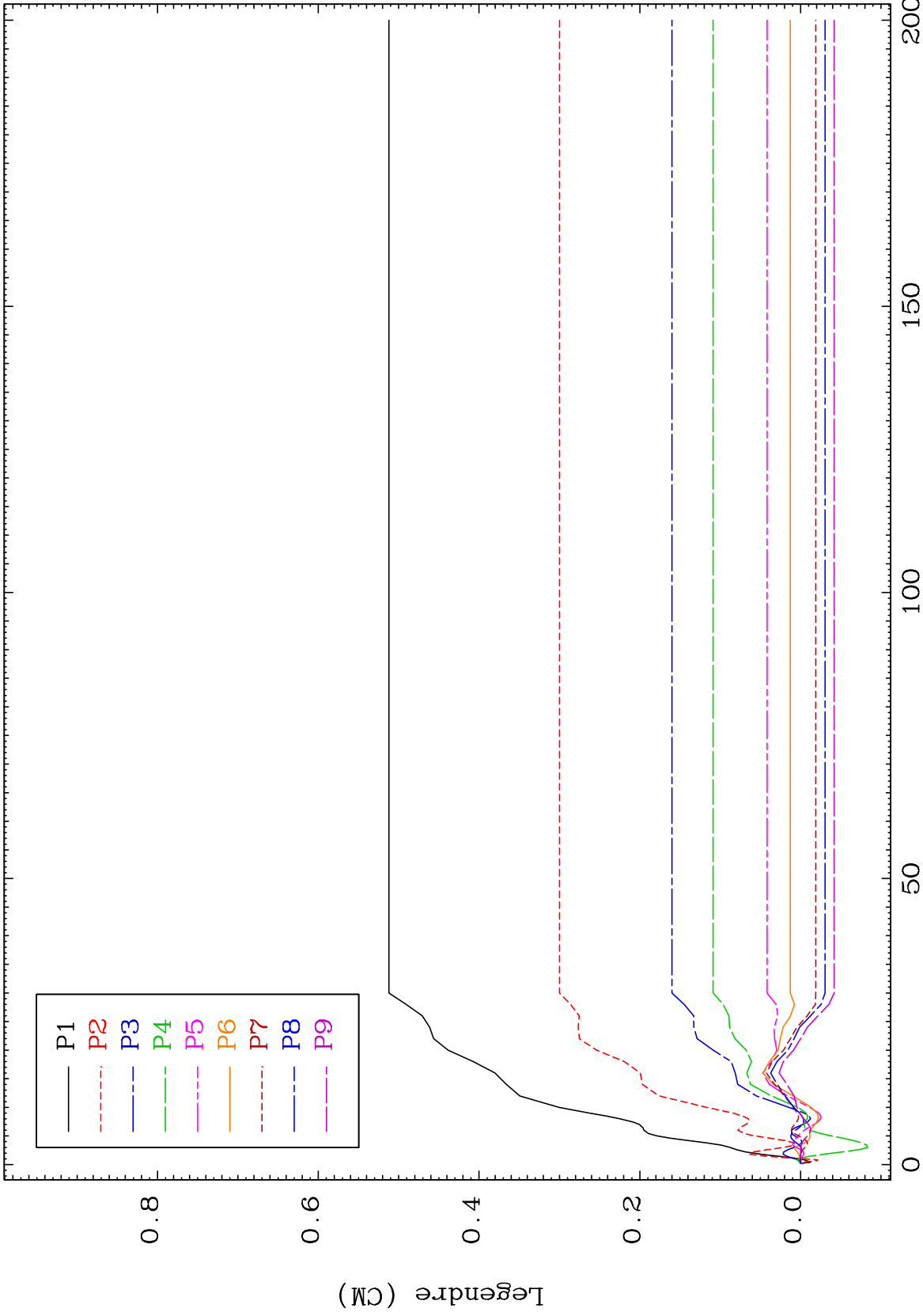
Incident Energy (MeV)



MAT 5967

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

59-Pr-155



17

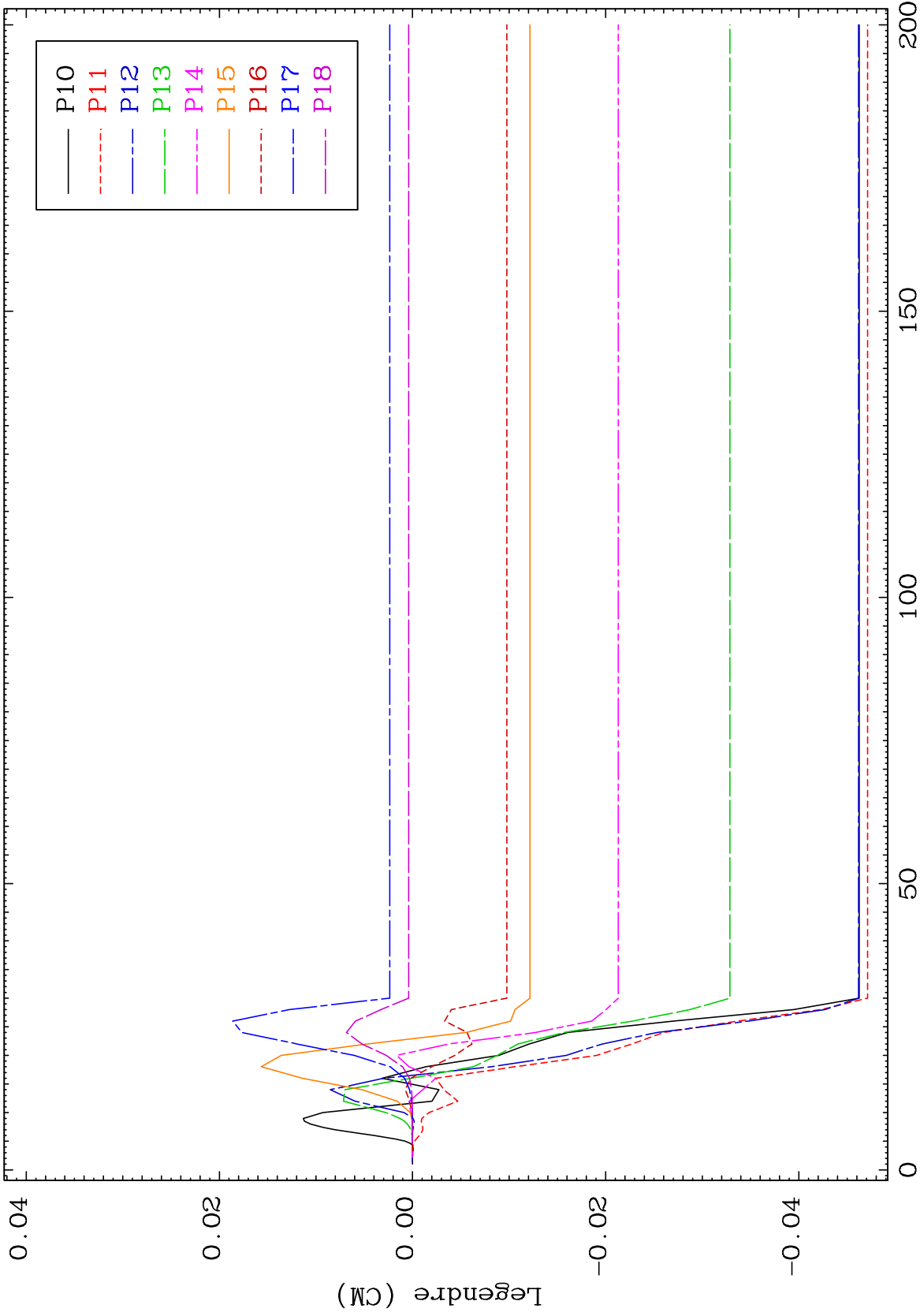
Incident Energy (MeV)

59-Pr-155

MAT 5967

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

59-Pr-155



18

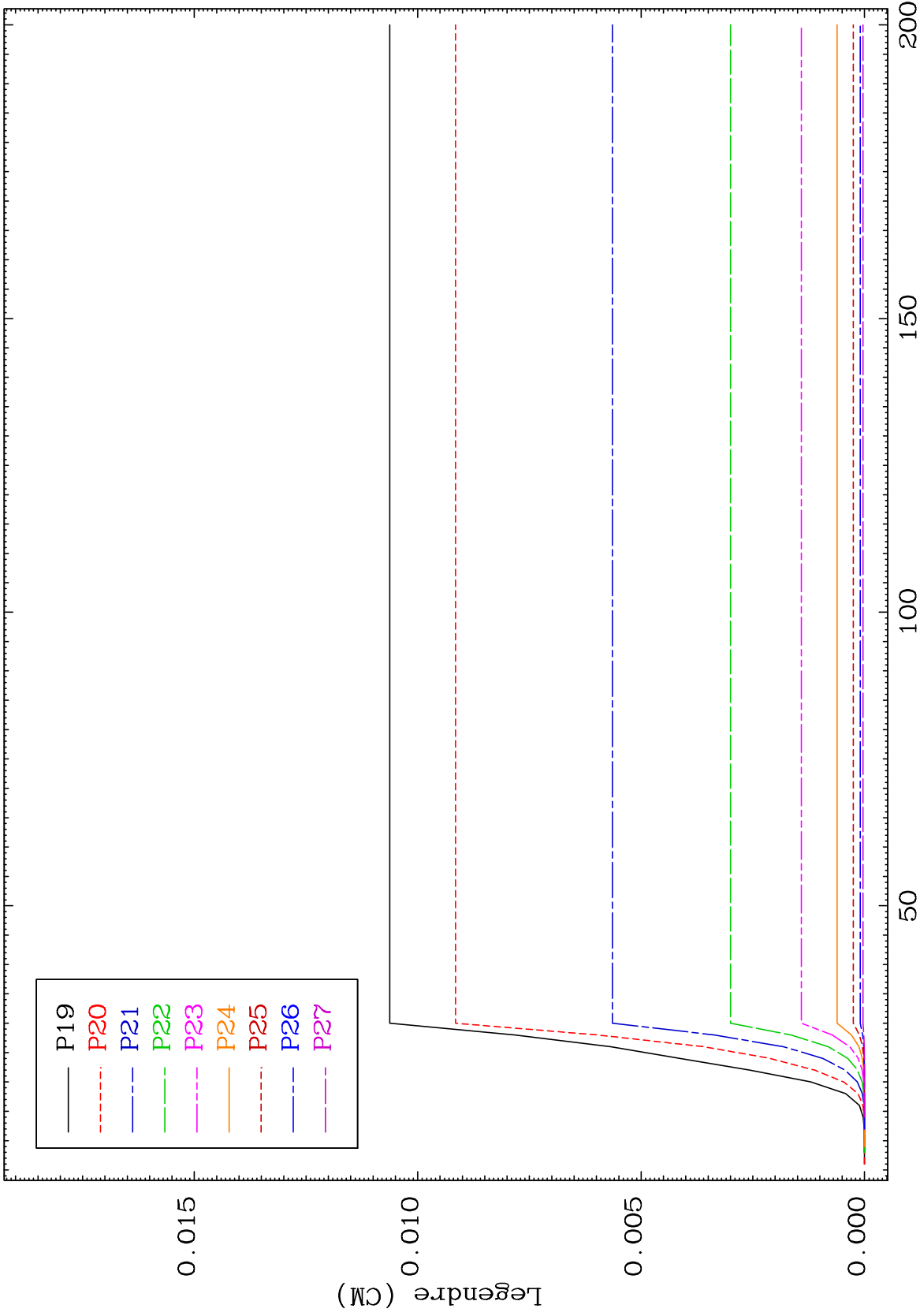
Incident Energy (MeV)

59-Pr-155

MAT 5967

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

59-Pr-155



19

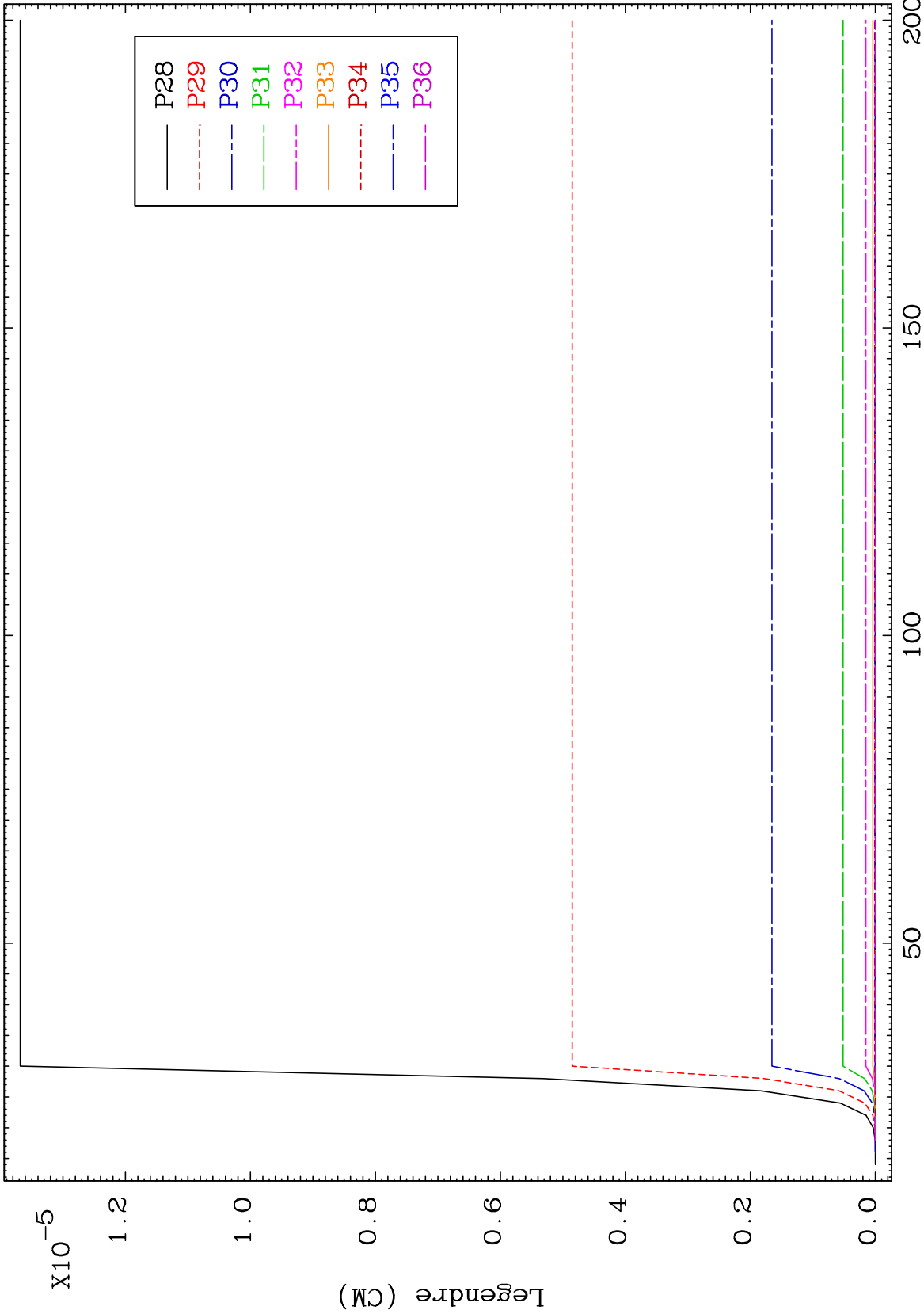
Incident Energy (MeV)

59-Pr-155

MAT 5967

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

59-Pr-155



20

50

100

150

200

59-Pr-155