

Program EVALPLOT
(Version 2018-1)

by

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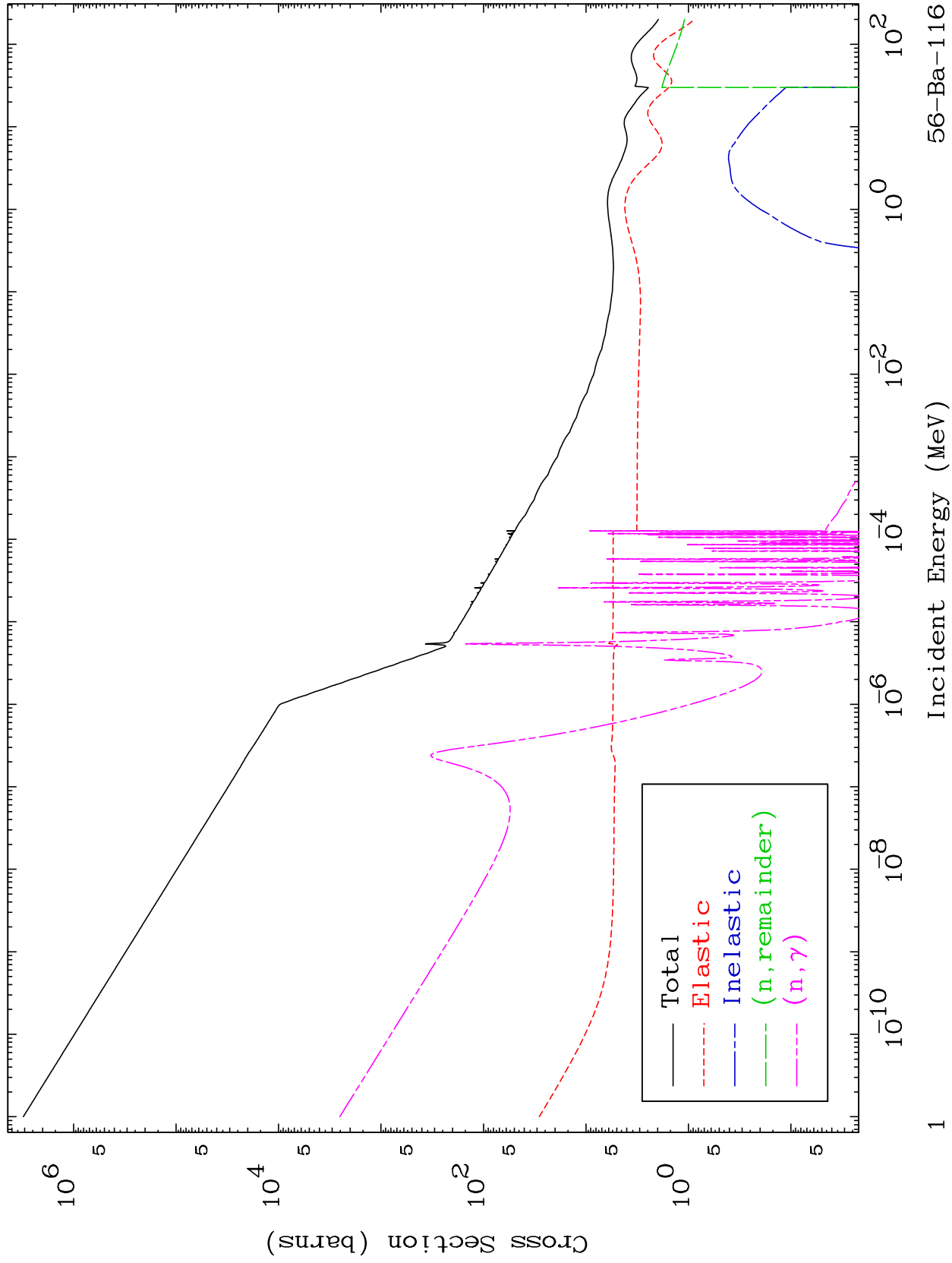
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5583

Major
293 Kelvin Cross Sections

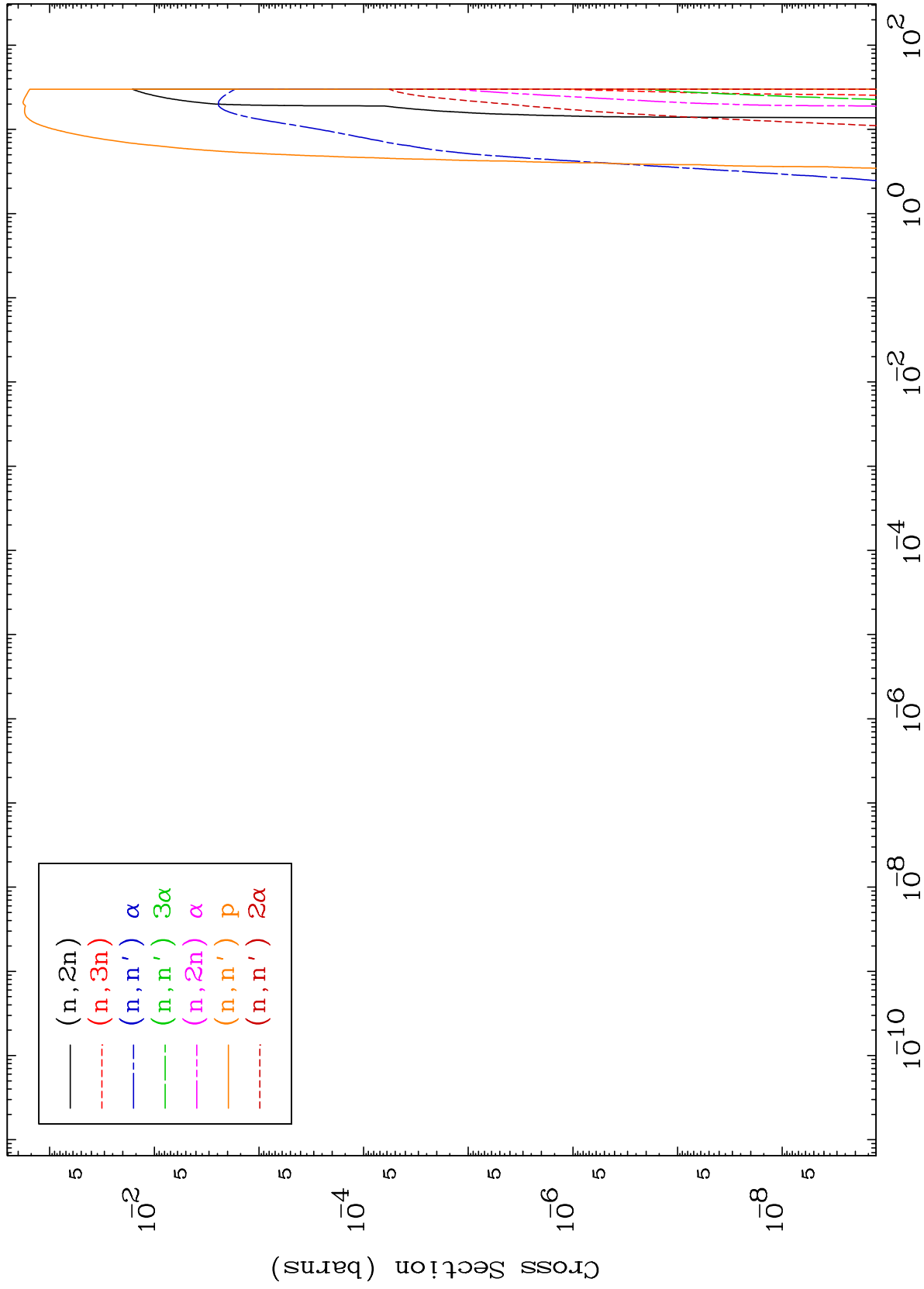
56-Ba-116



MAT 5583

Neutron Production
293 Kelvin Cross Sections

56-Ba-116

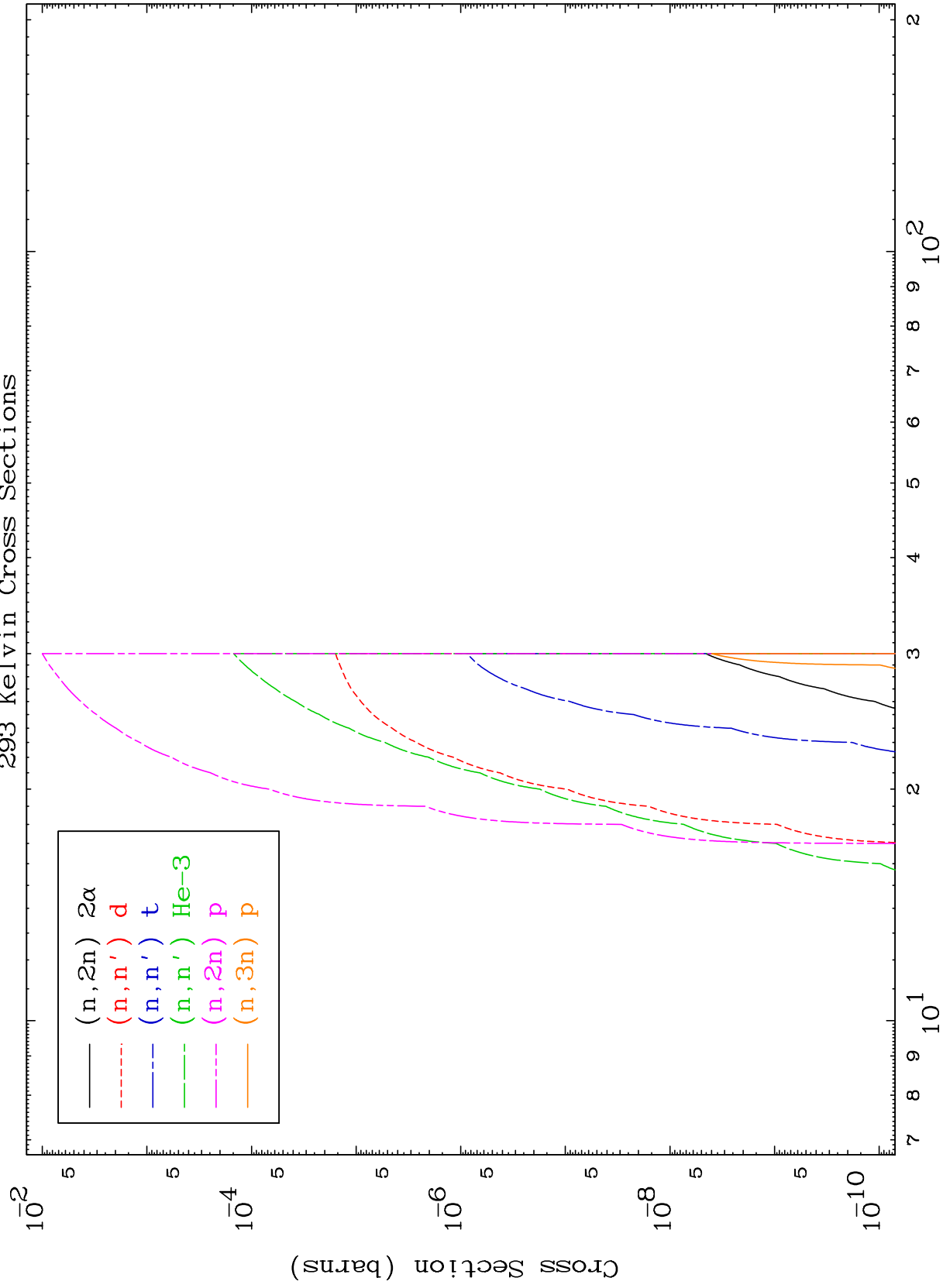


56-Ba-116

MAT 5583

Neutron Production
293 Kelvin Cross Sections

56-Ba-116



3

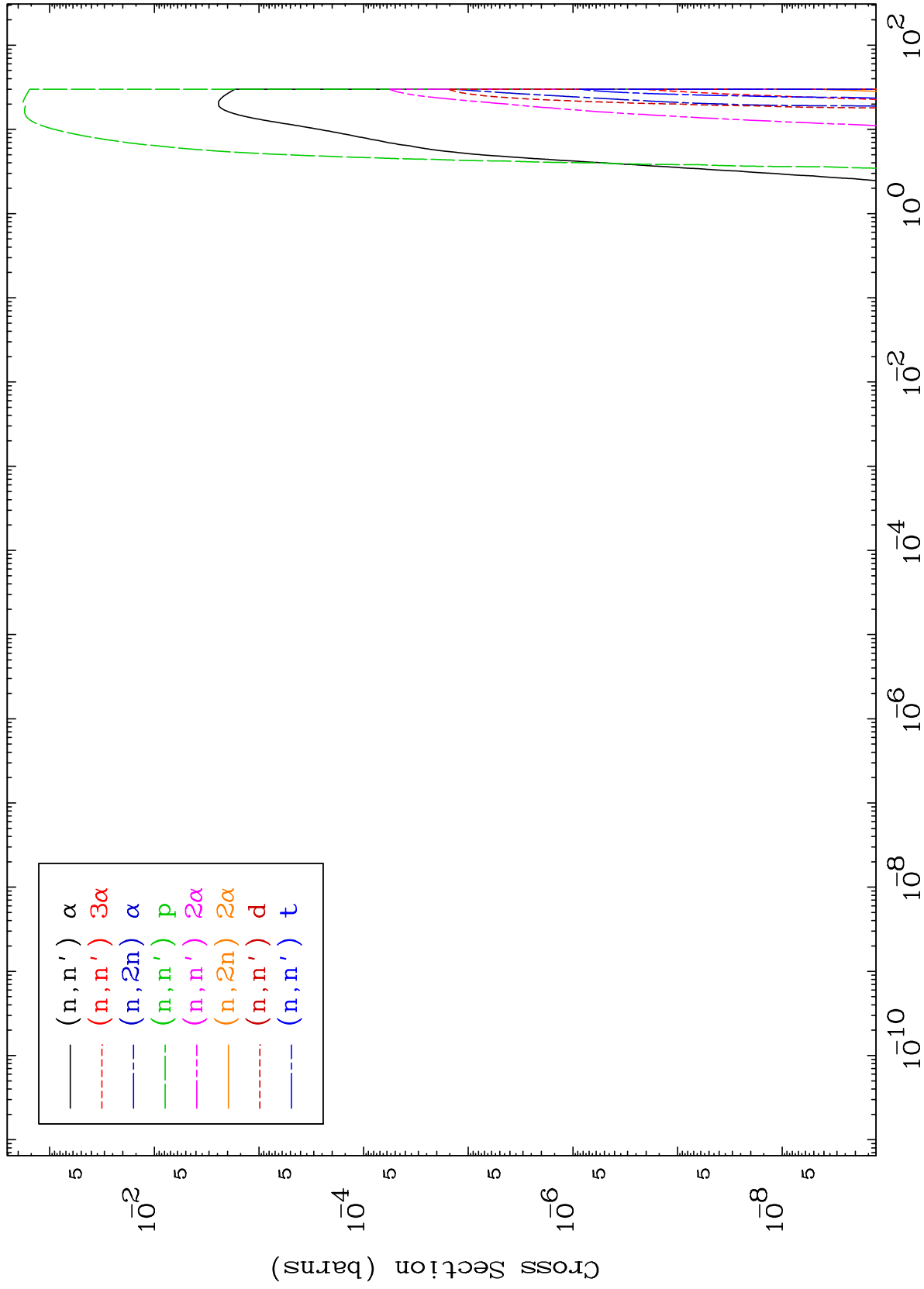
Incident Energy (MeV)

56-Ba-116

MAT 5583

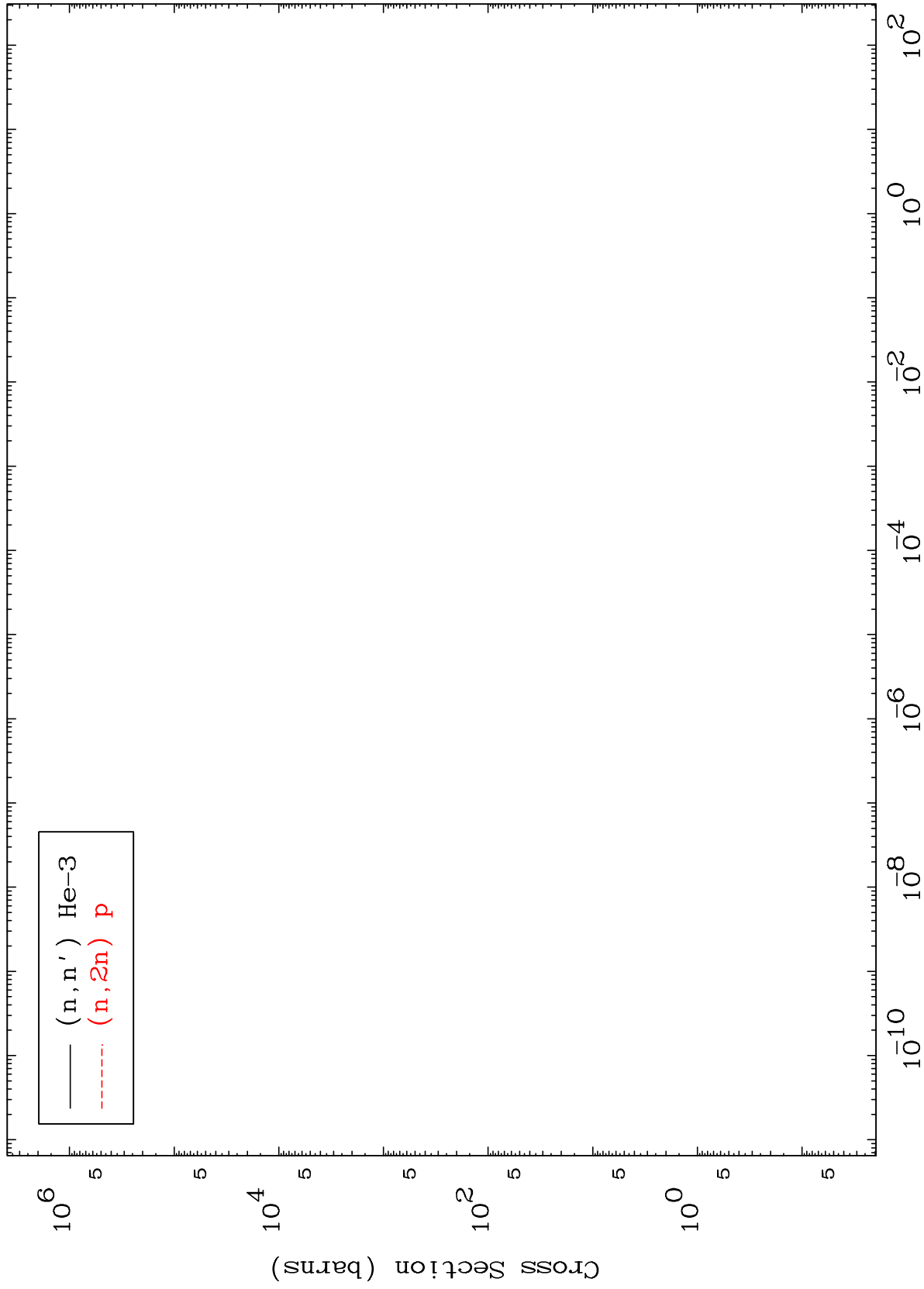
293 Charged Particle
Kelvin Cross Sections

56-Ba-116



56-Ba-116

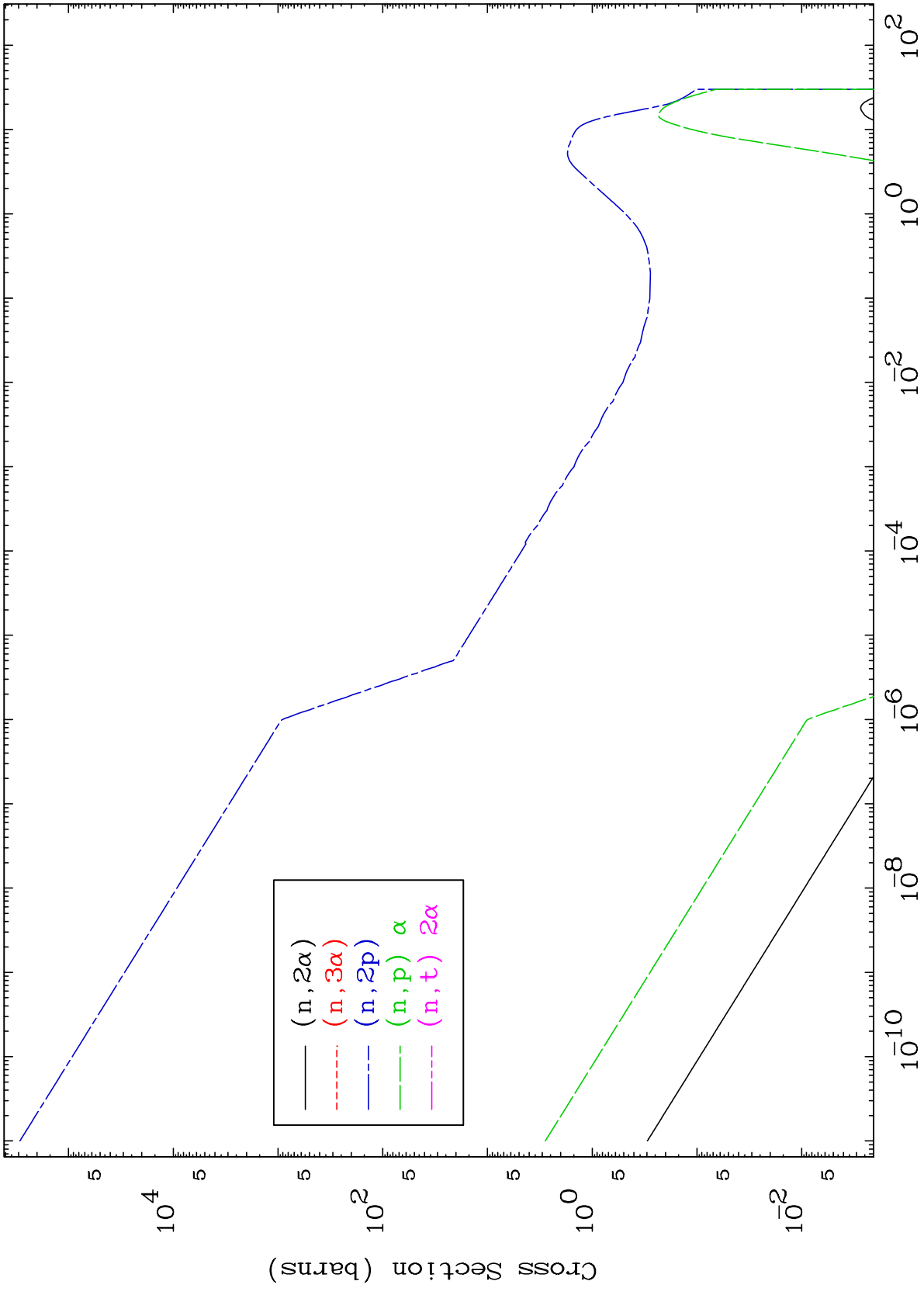
Incident Energy (MeV)



MAT 5583

Charged Particle
293 Kelvin Cross Sections

56-Ba-116

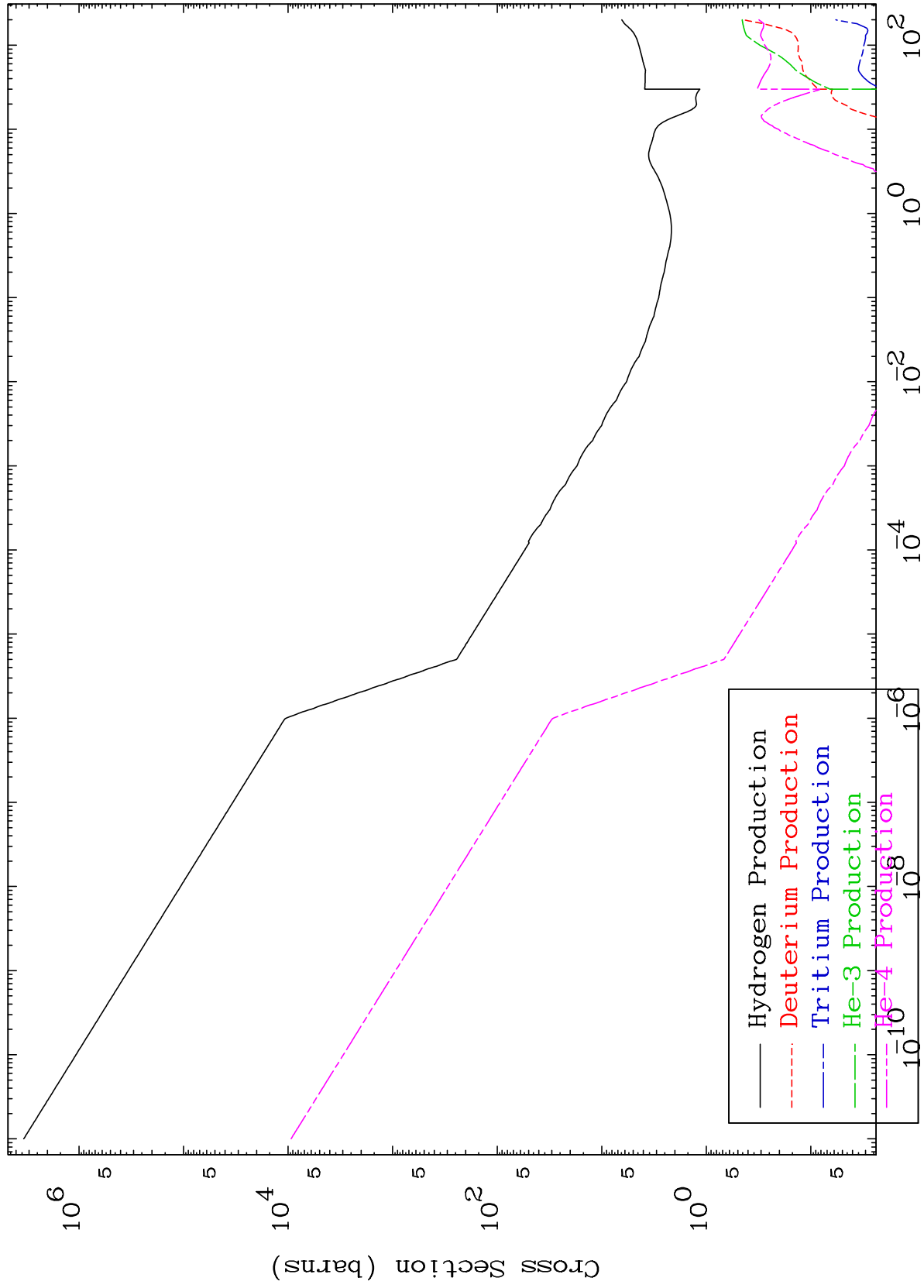


56-Ba-116

MAT 5583

Particle Production
293 Kelvin Cross Sections

56-Ba-116

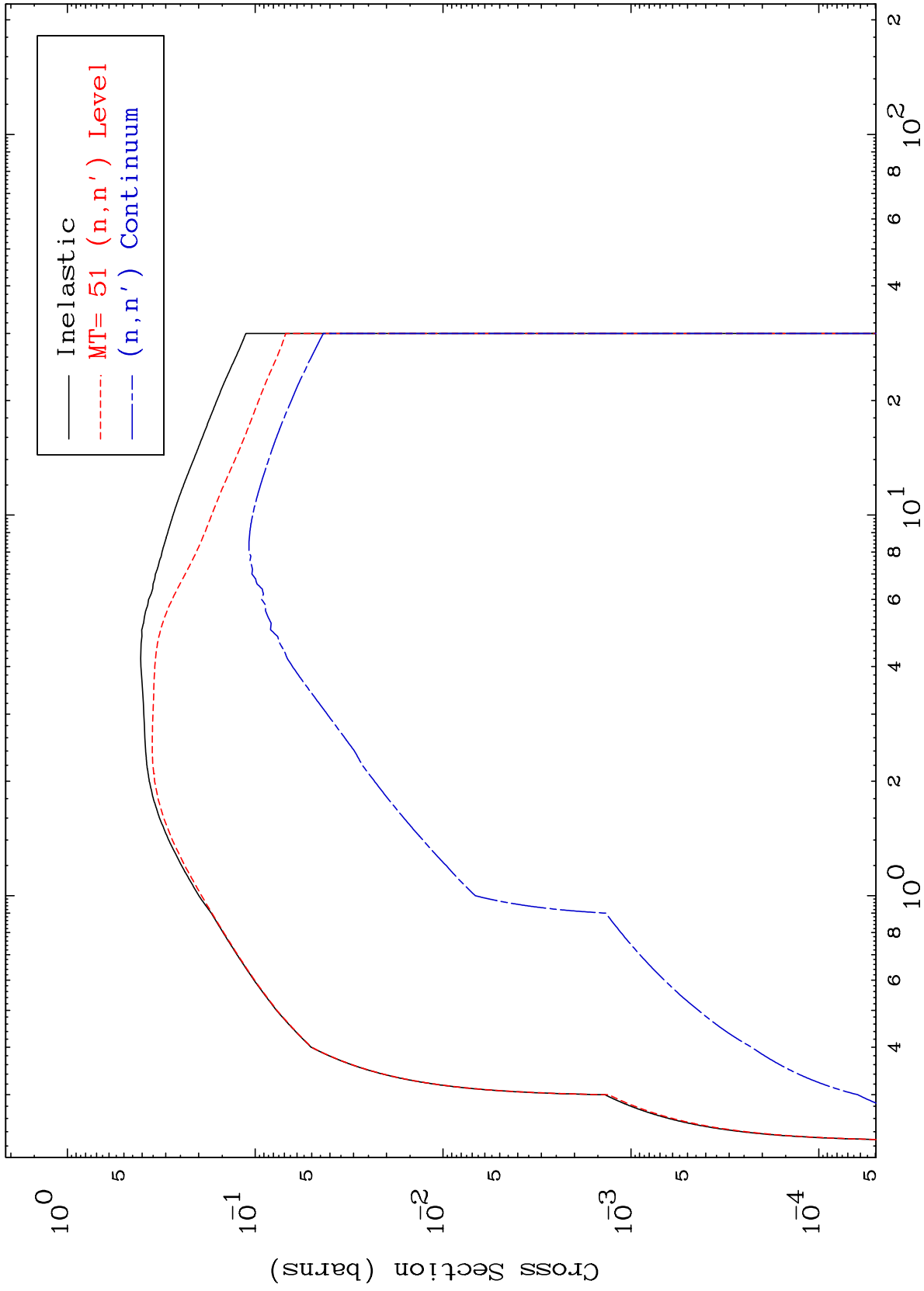


56-Ba-116

MAT 5583

(n,n') Level
293 Kelvin Cross Sections

56-Ba-116



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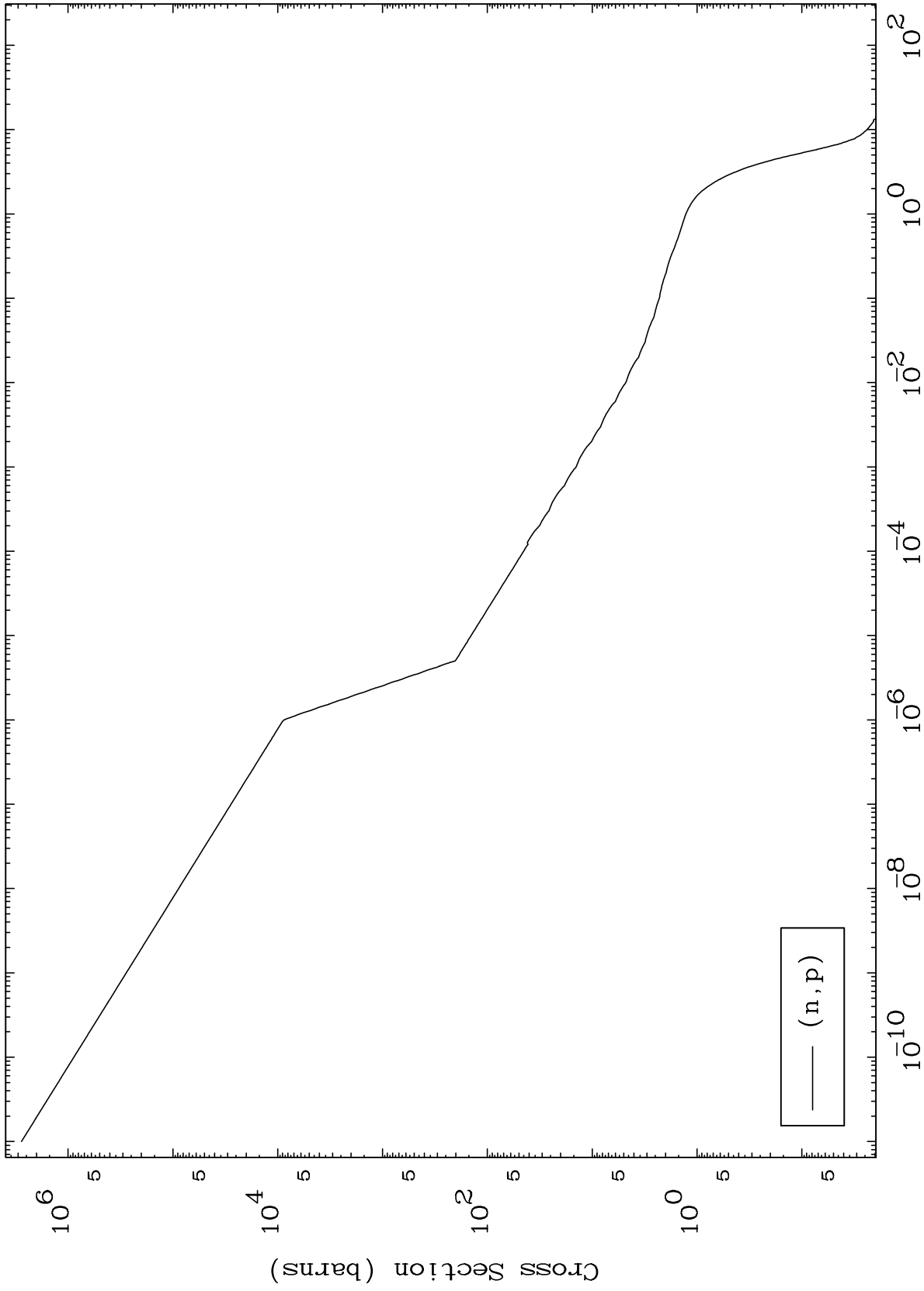
Incident Energy (MeV)

56-Ba-116

MAT 5583

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-116

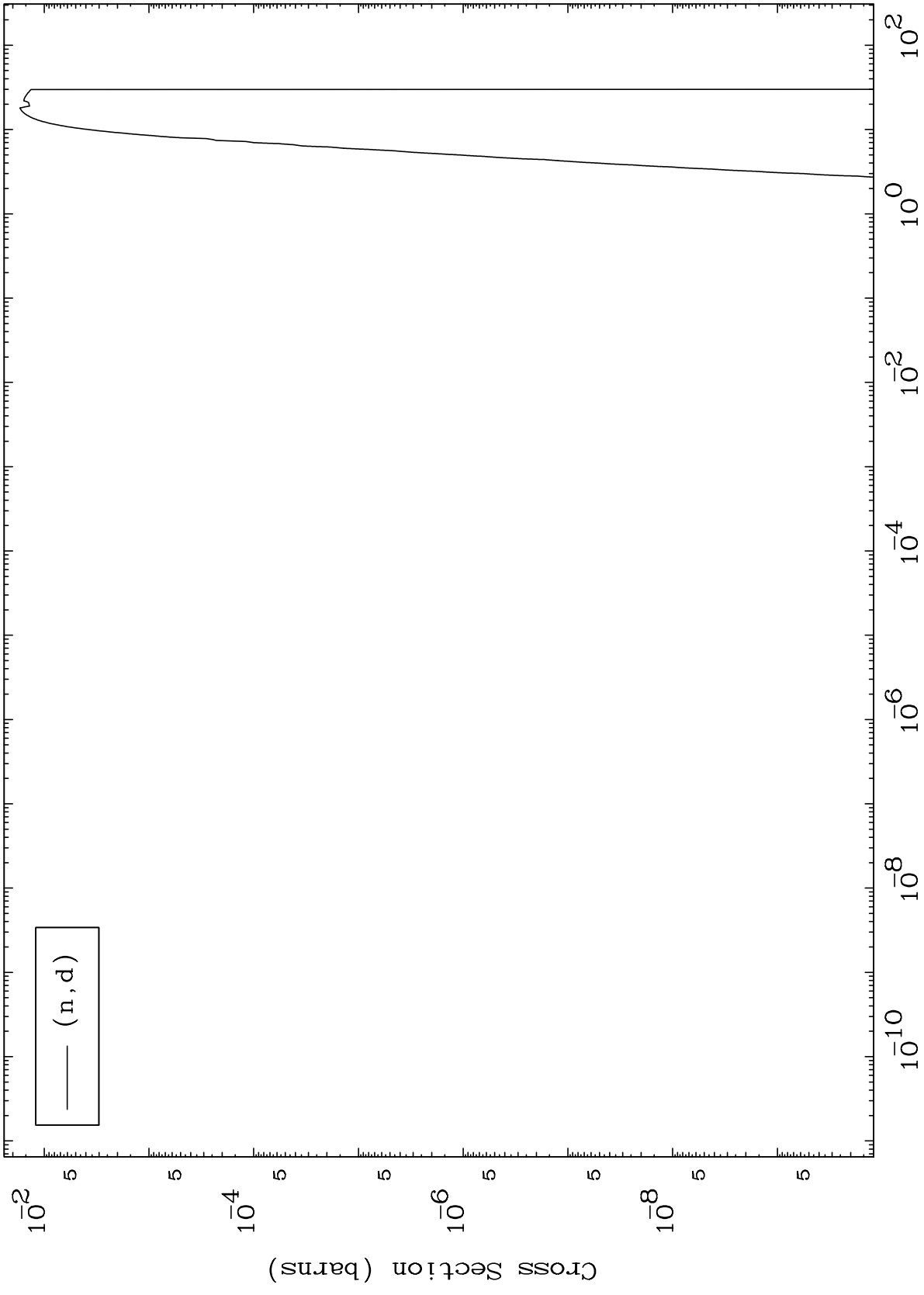


— (n, p)

MAT 5583

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-116



10

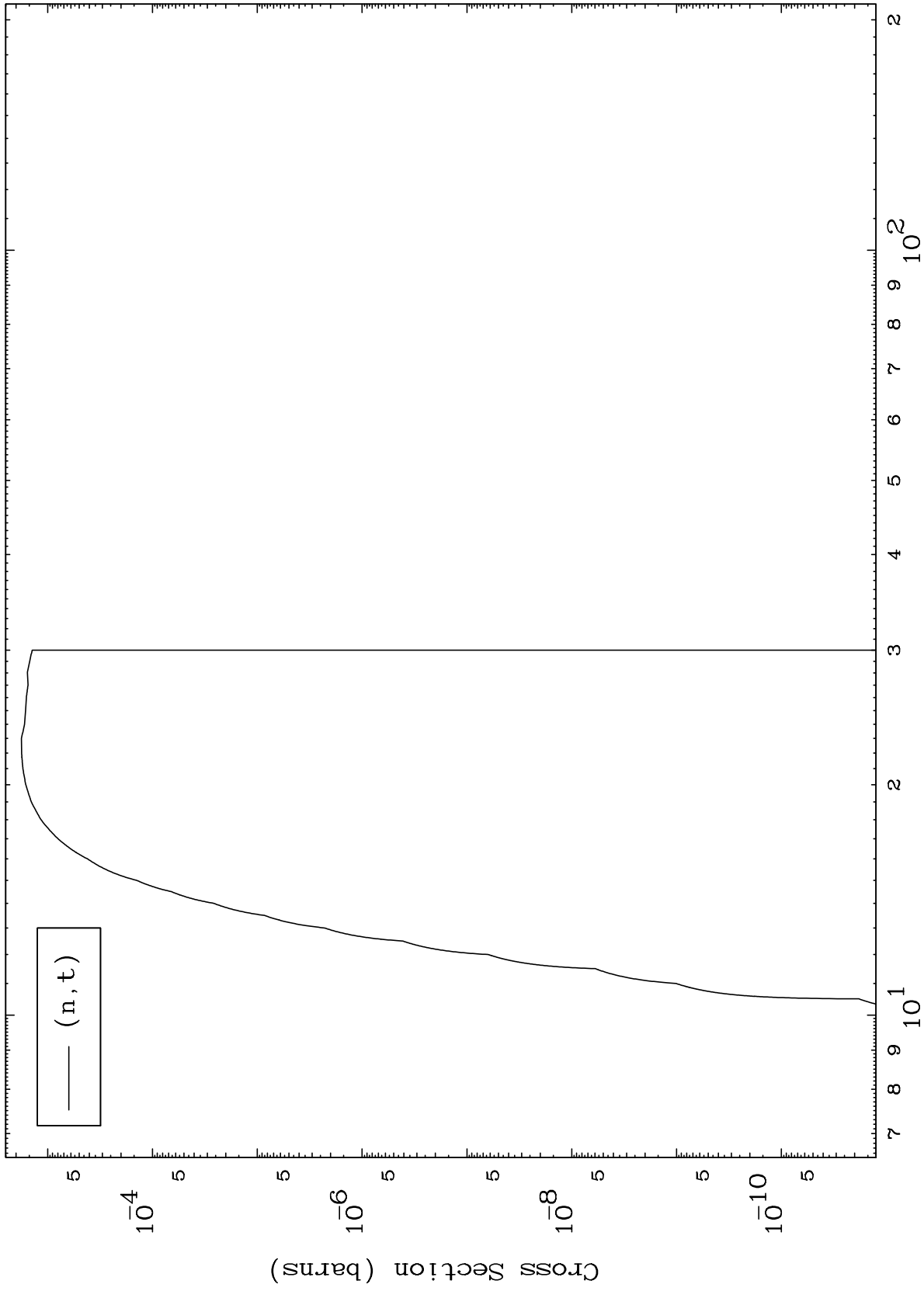
Incident Energy (MeV)

56-Ba-116

MAT 5583

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-116



11

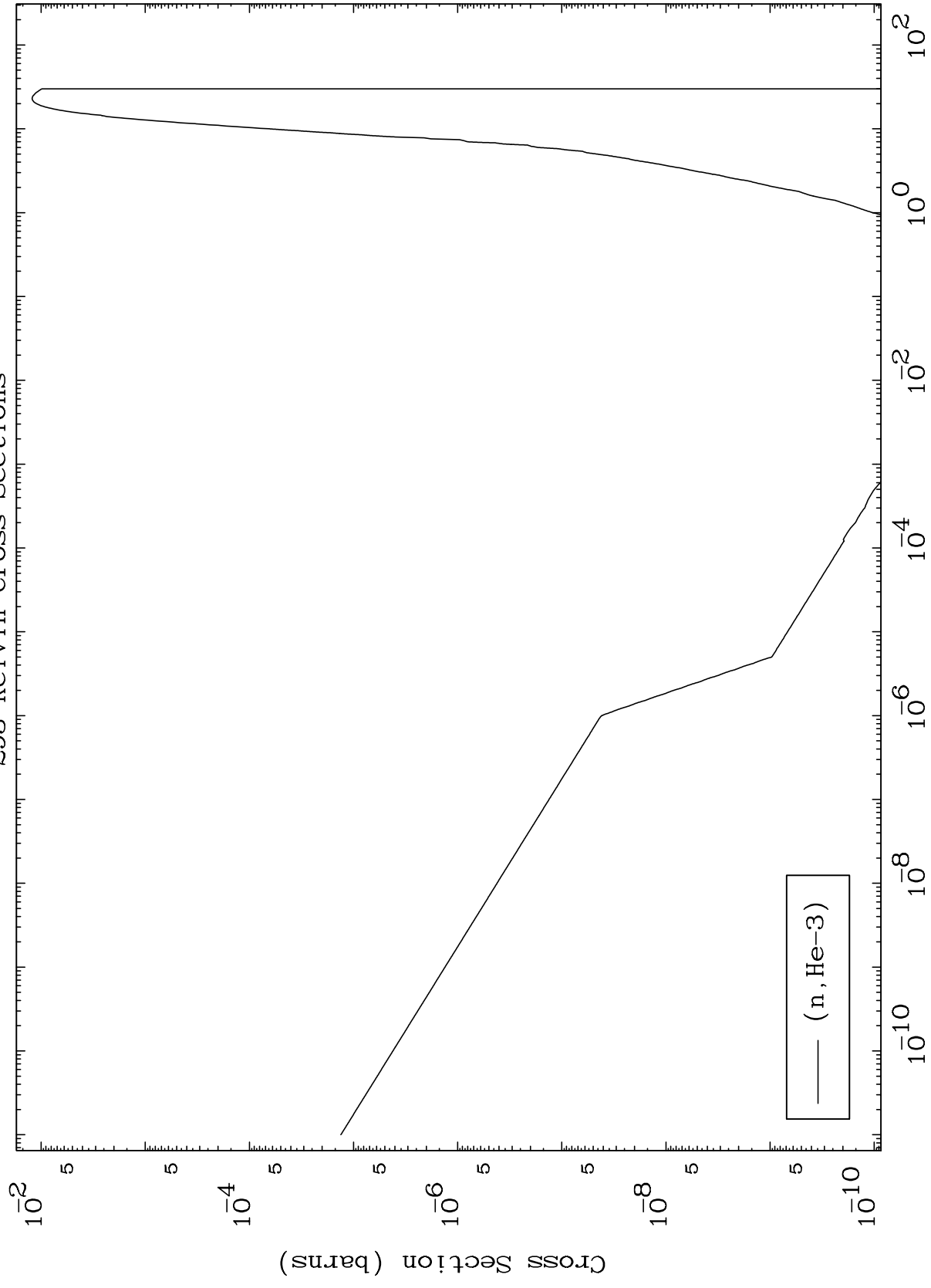
Incident Energy (MeV)

56-Ba-116

MAT 5583

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-116



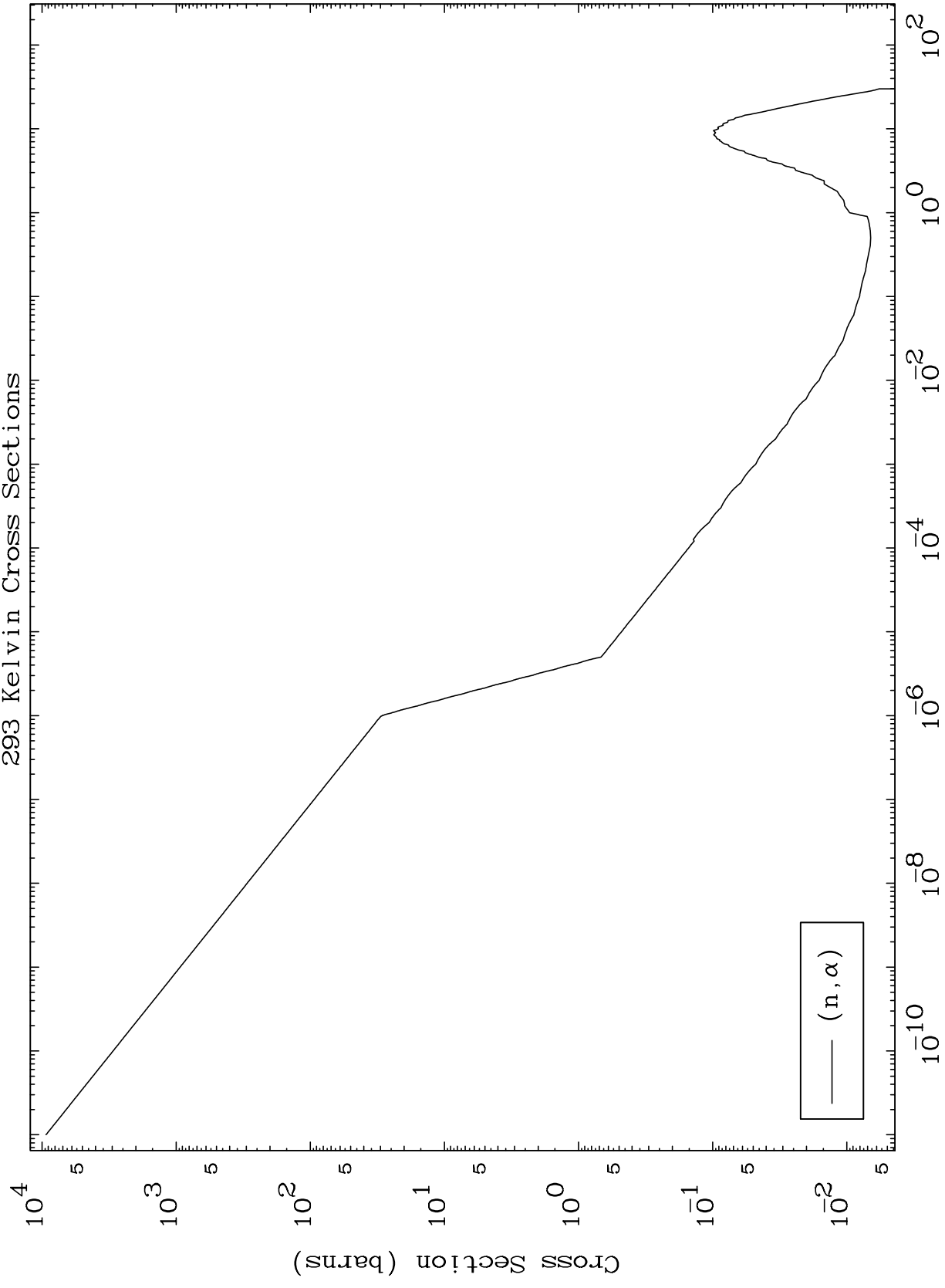
(n, He-3)

56-Ba-116

MAT 5583

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-116

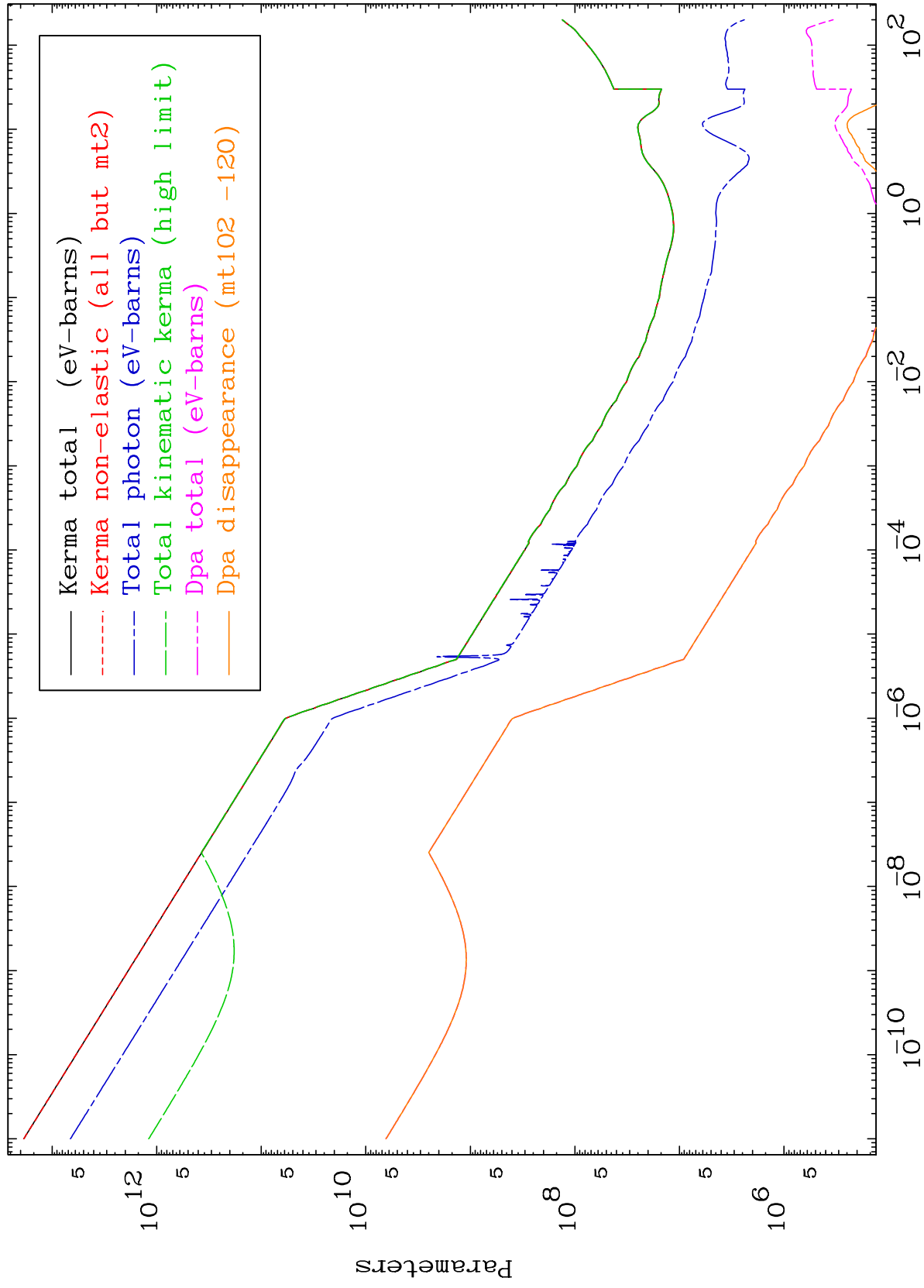


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Incident Energy (MeV)

56-Ba-116

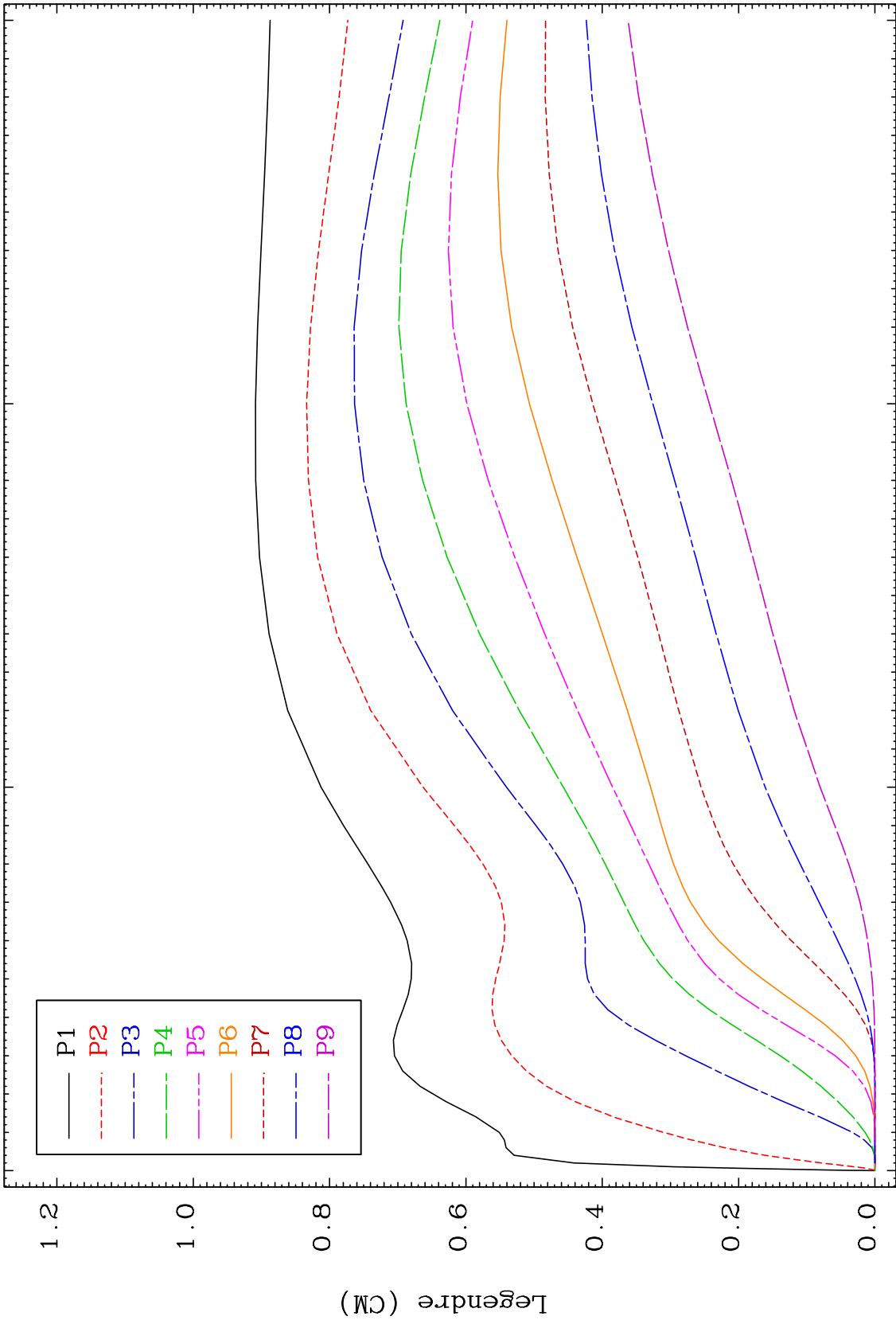
— (n,α)



MAT 5583

Elastic Legendre Coefficients

56-Ba-116



15

0

10

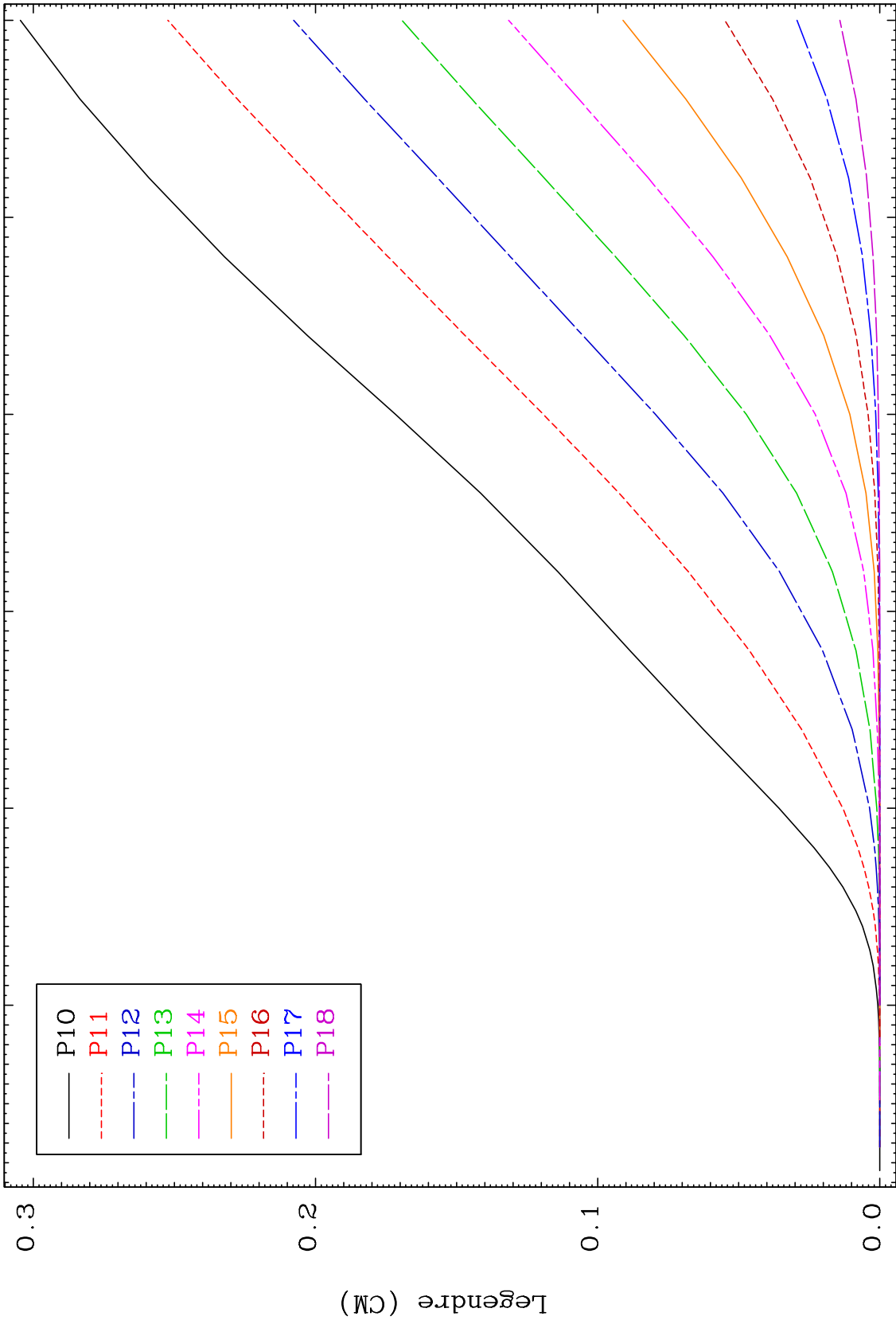
20

30

MAT 5583

Elastic Legendre Coefficients

56-Ba-116



16

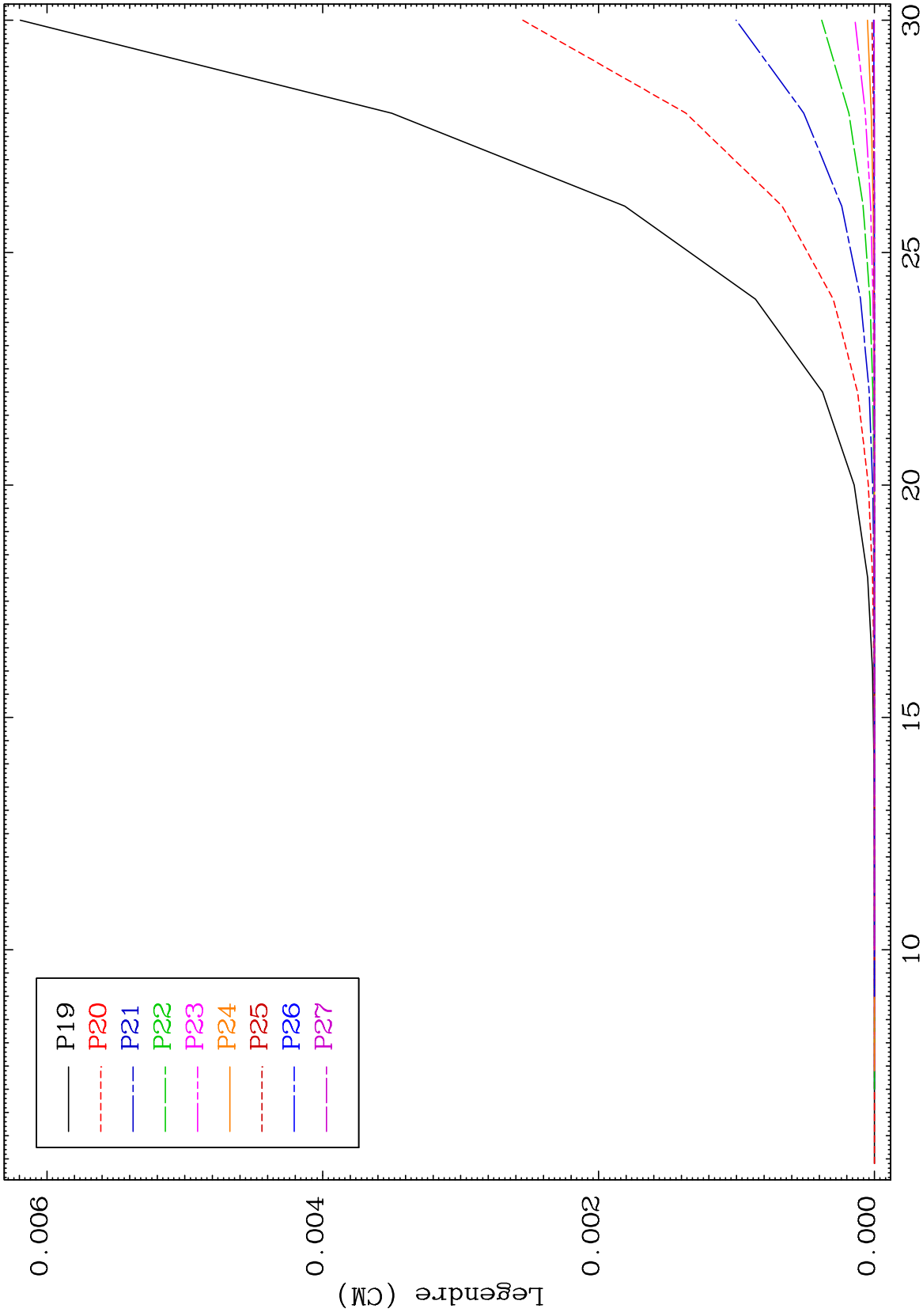
Incident Energy (MeV)

56-Ba-116

MAT 5583

Elastic Legendre Coefficients

56-Ba-116



17

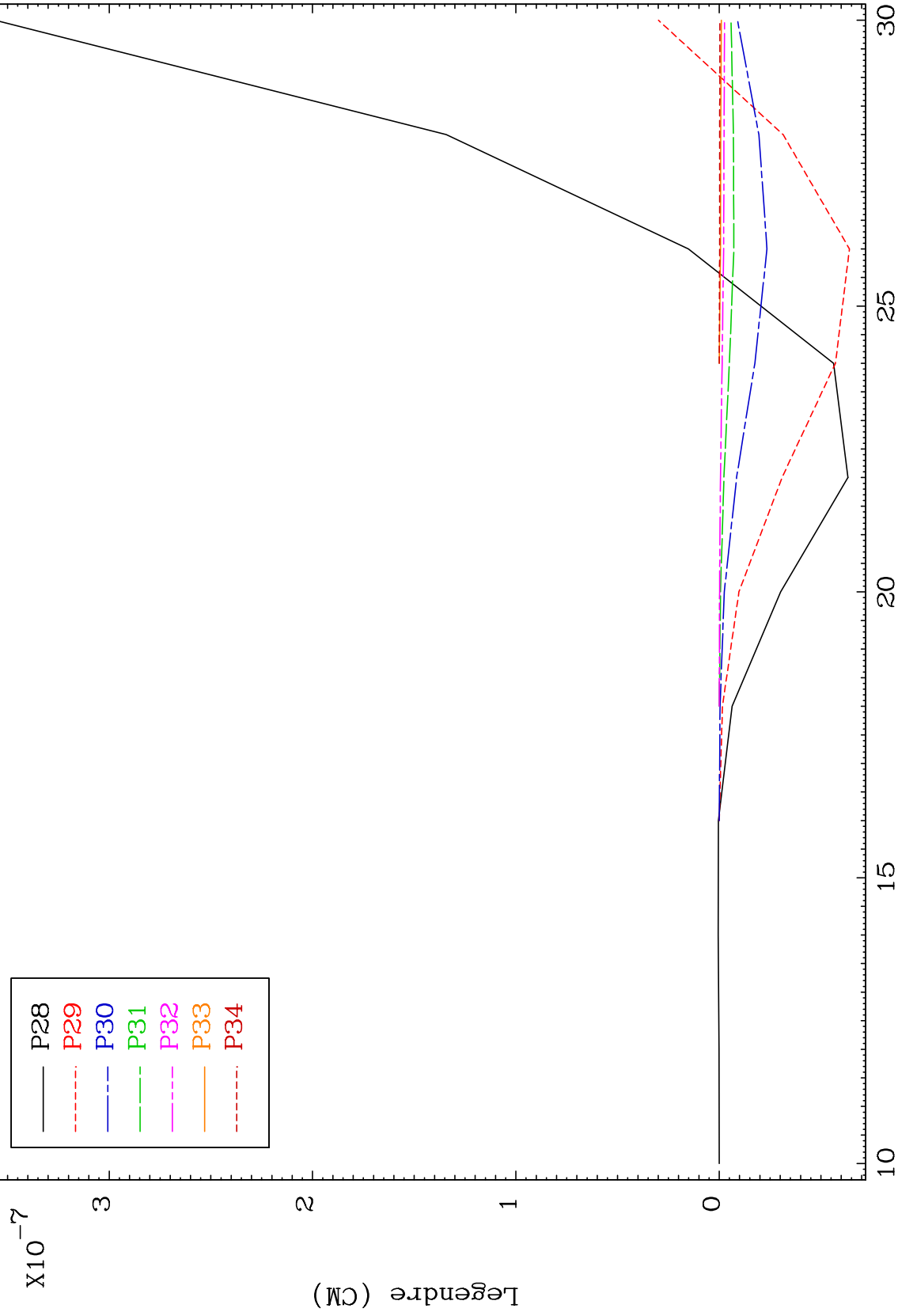
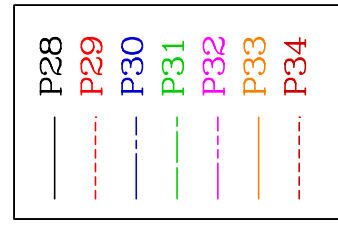
Incident Energy (MeV)

56-Ba-116

MAT 5583

Elastic Legendre Coefficients

56-Ba-116



18

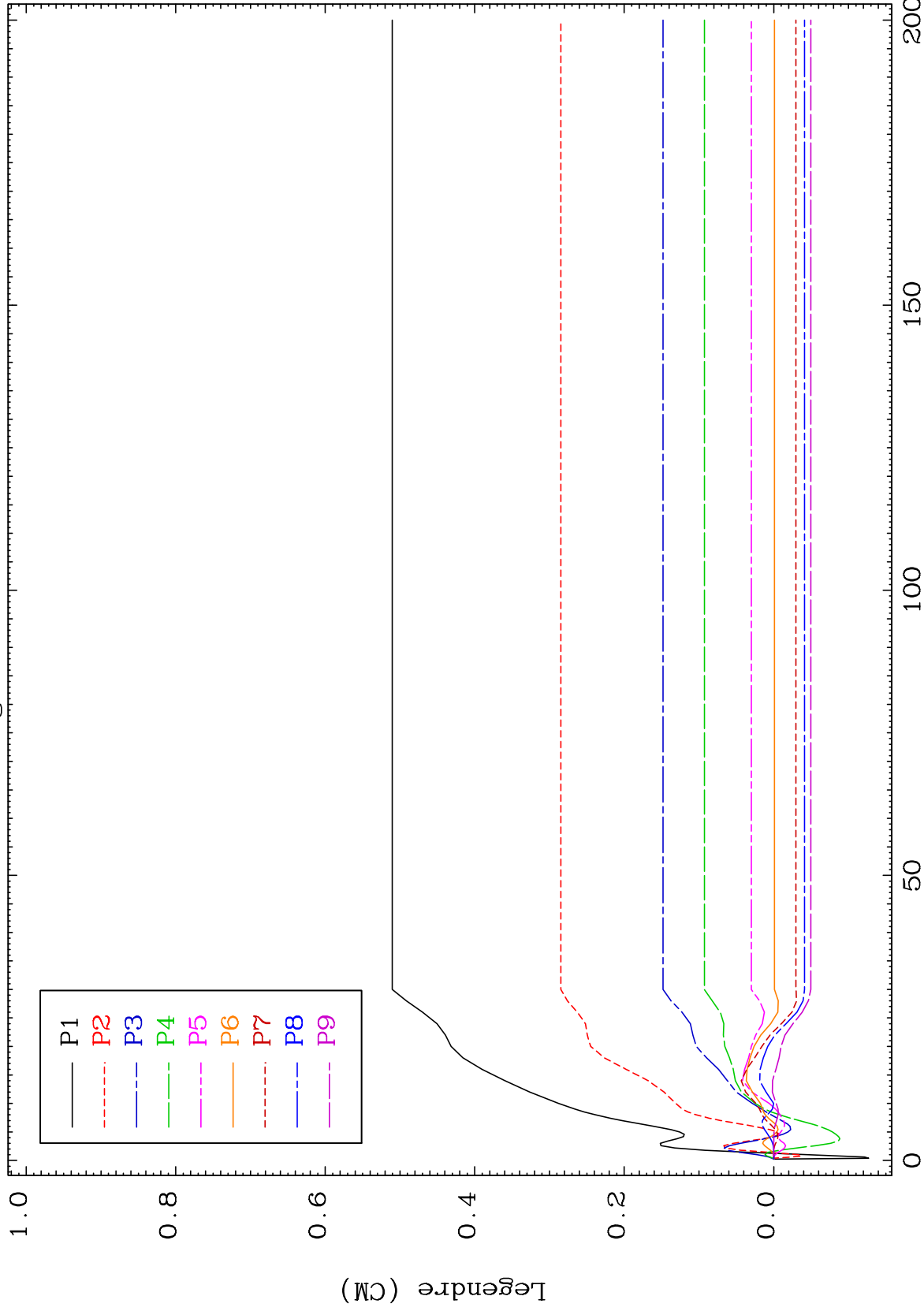
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



19

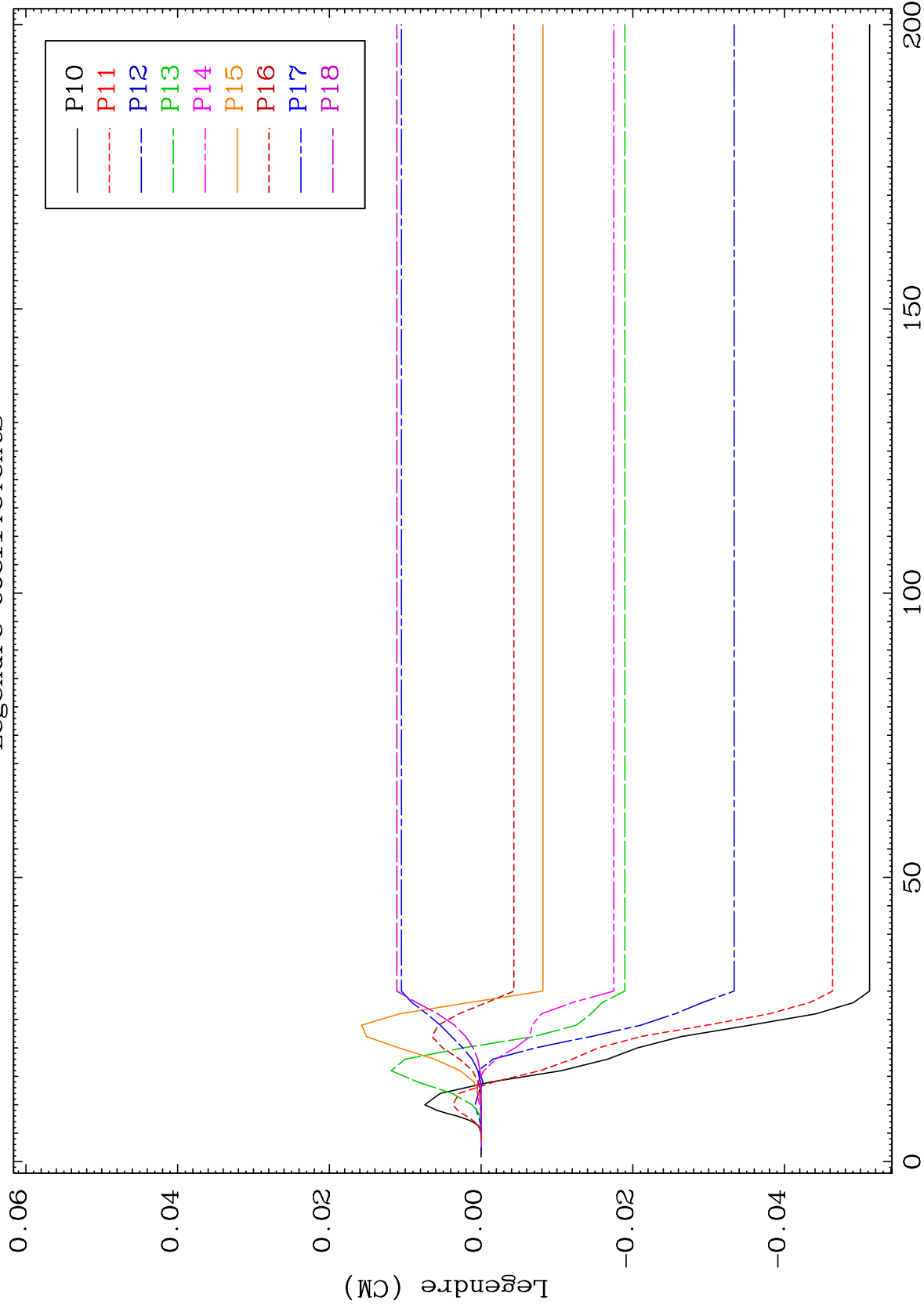
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



0

50

100

150

200

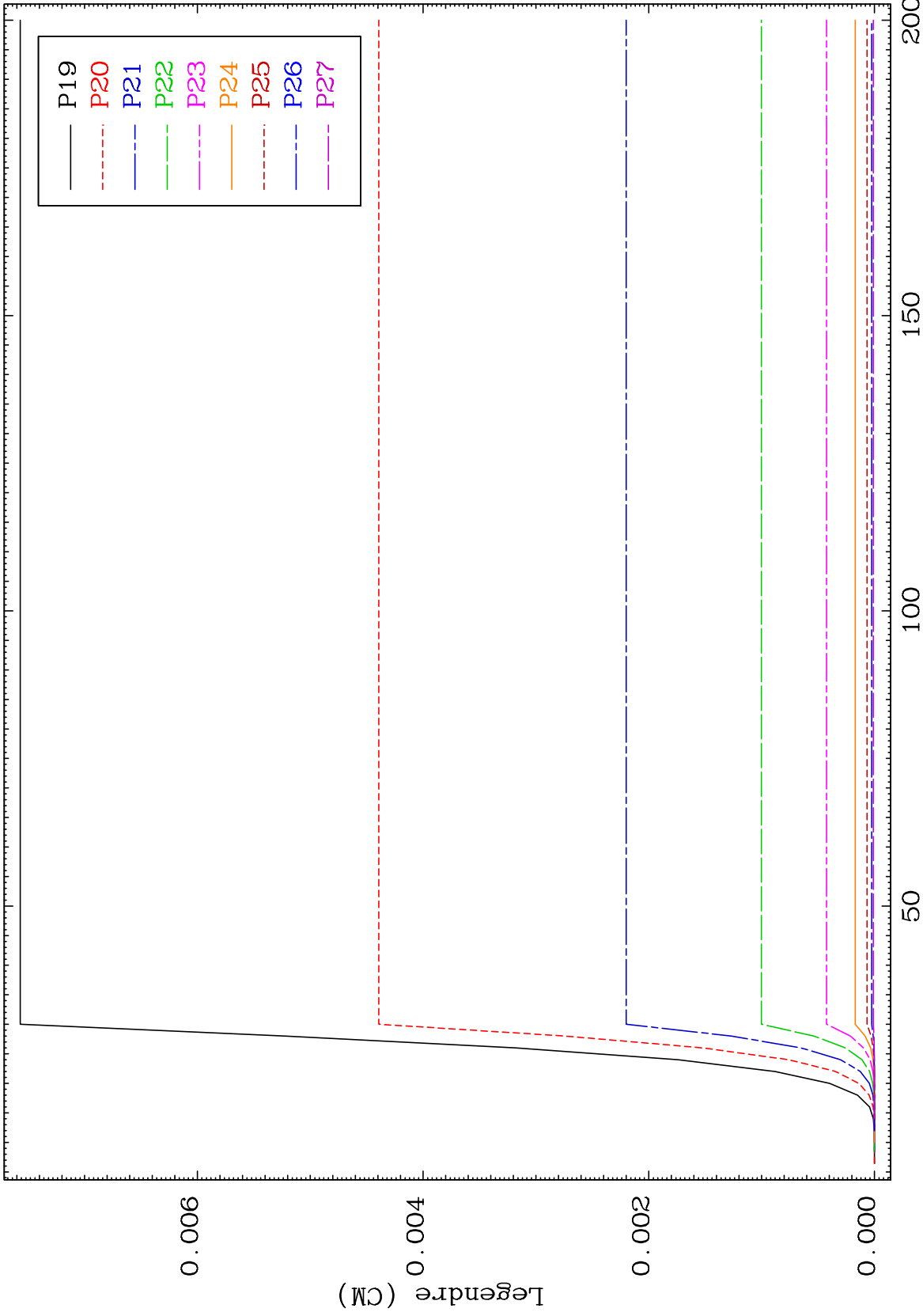
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



21

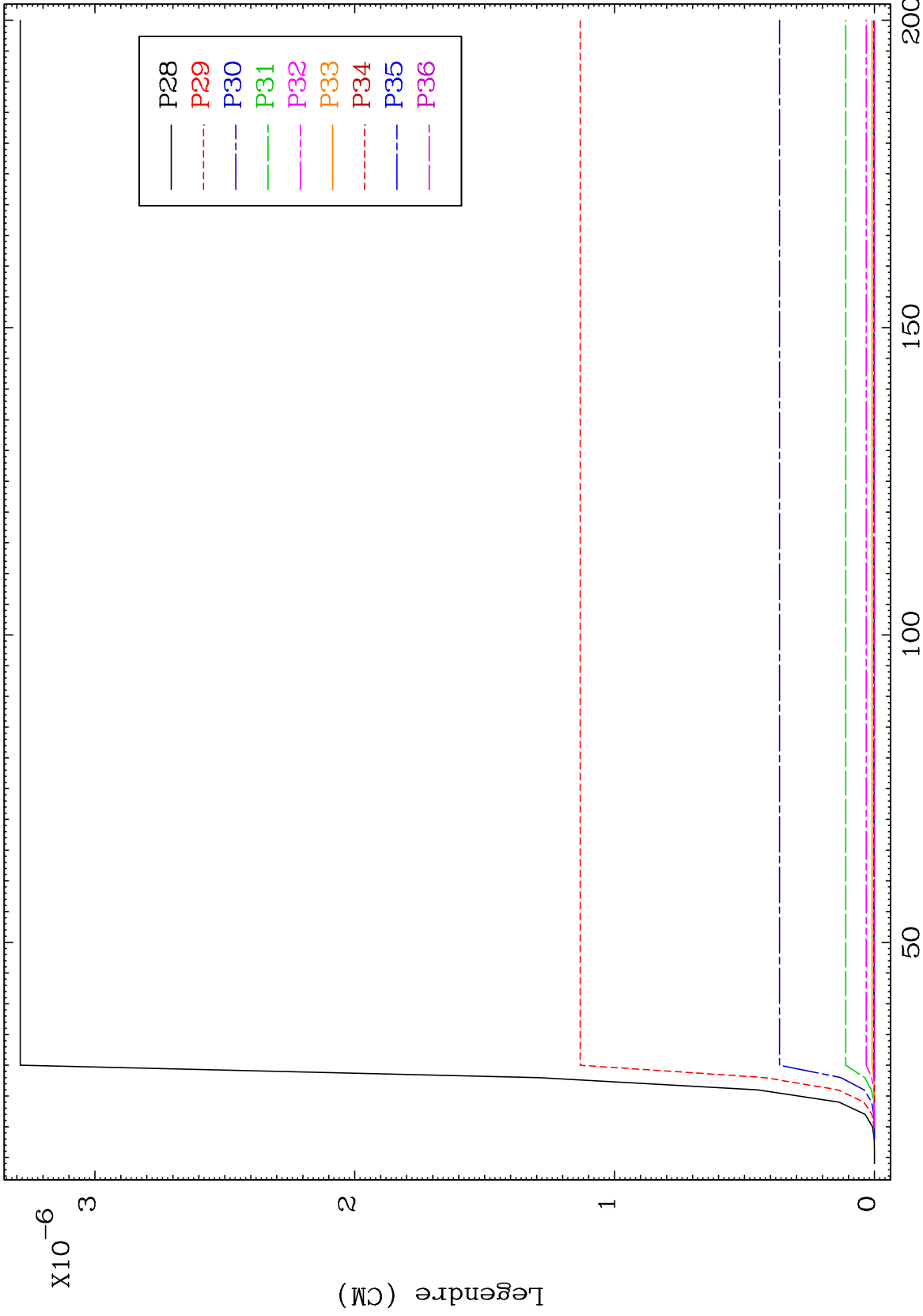
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



22

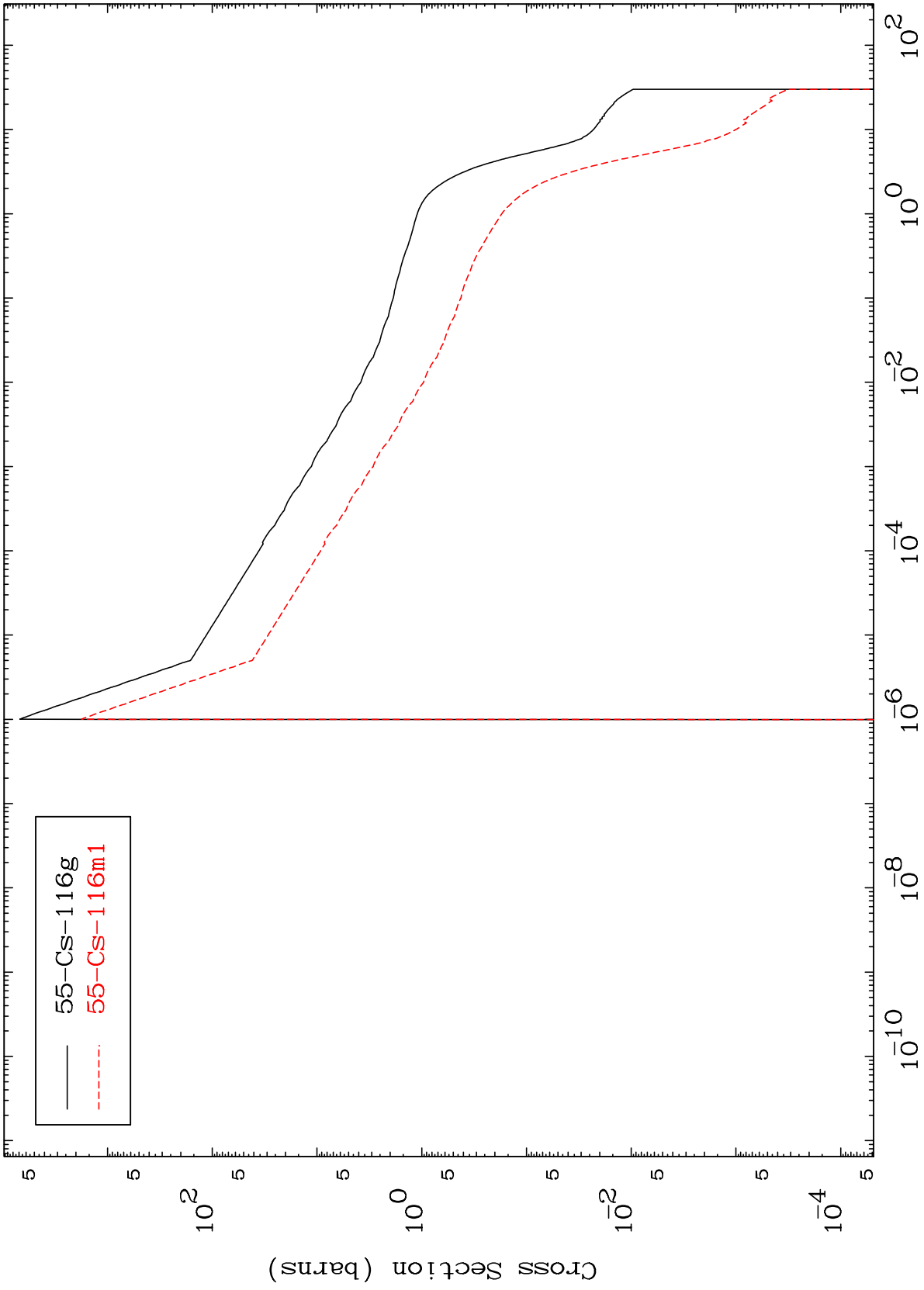
Incident Energy (MeV)

56-Ba-116

MAT 5583

56-Ba-116

Radionuclide Production Cross Section



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56-Ba-116