

Program EVALPLOT
(Version 2018-1)

by

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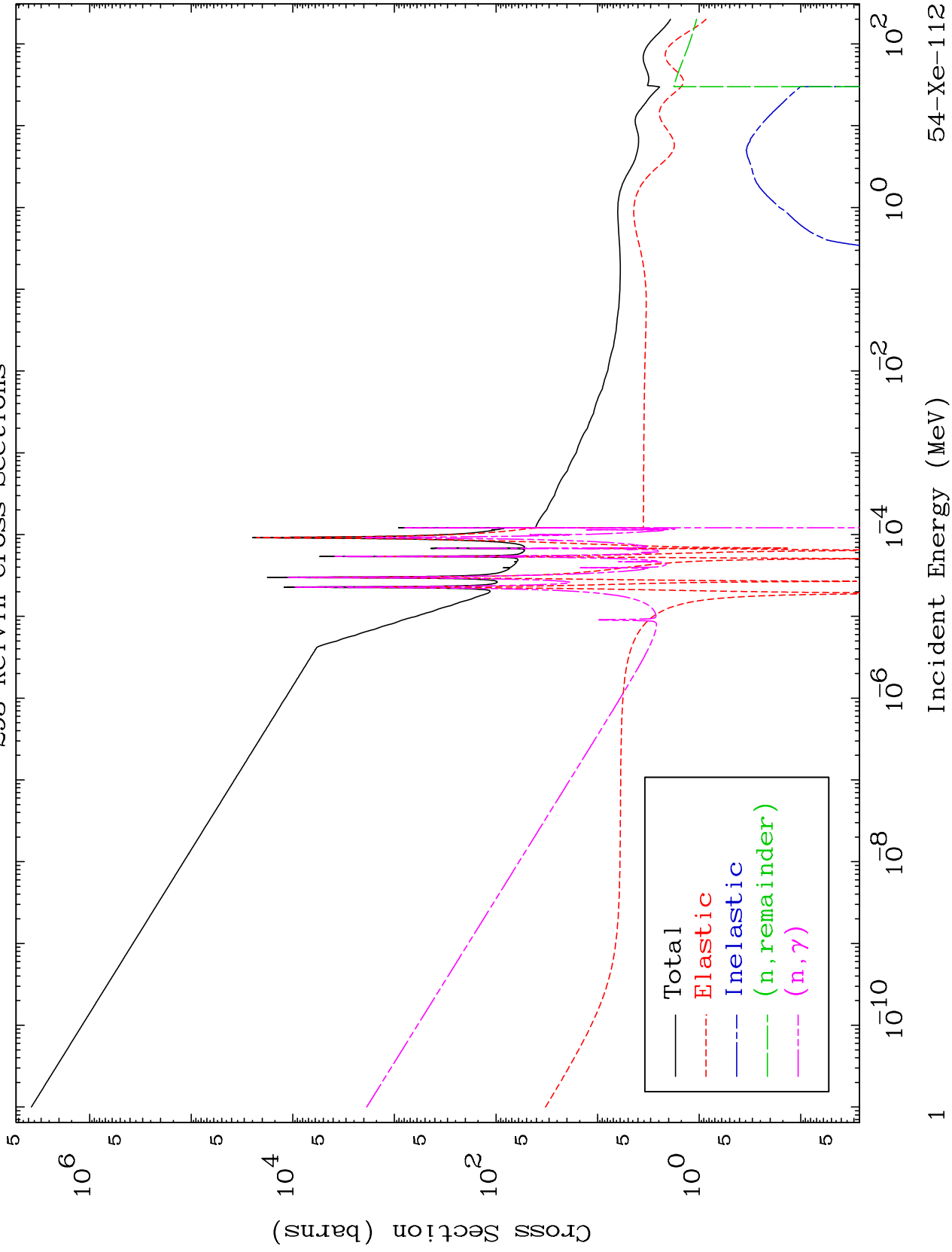
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5389

Major
293 Kelvin Cross Sections

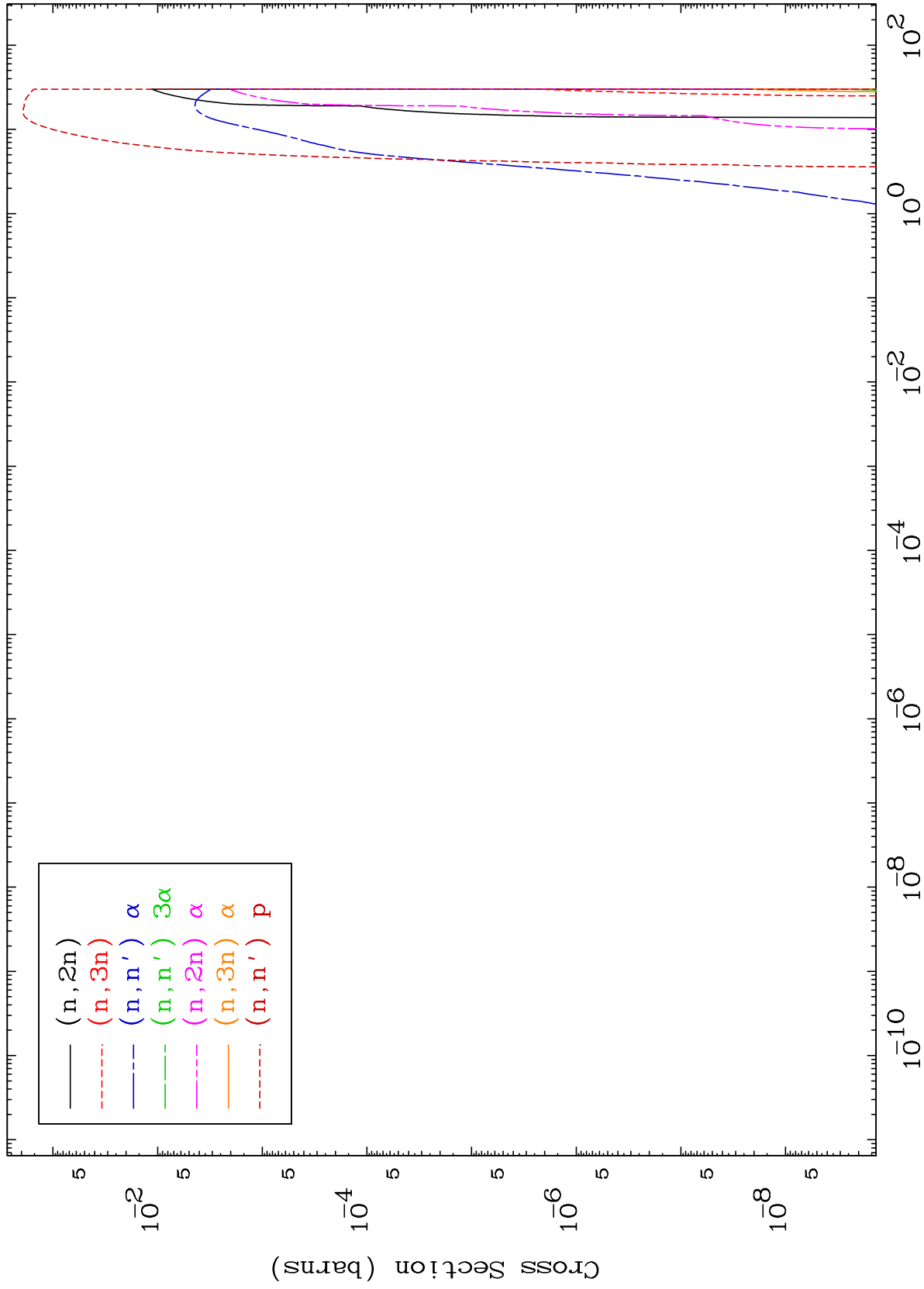
54-Xe-112



MAT 5389

Neutron Production
293 Kelvin Cross Sections

54-Xe-112

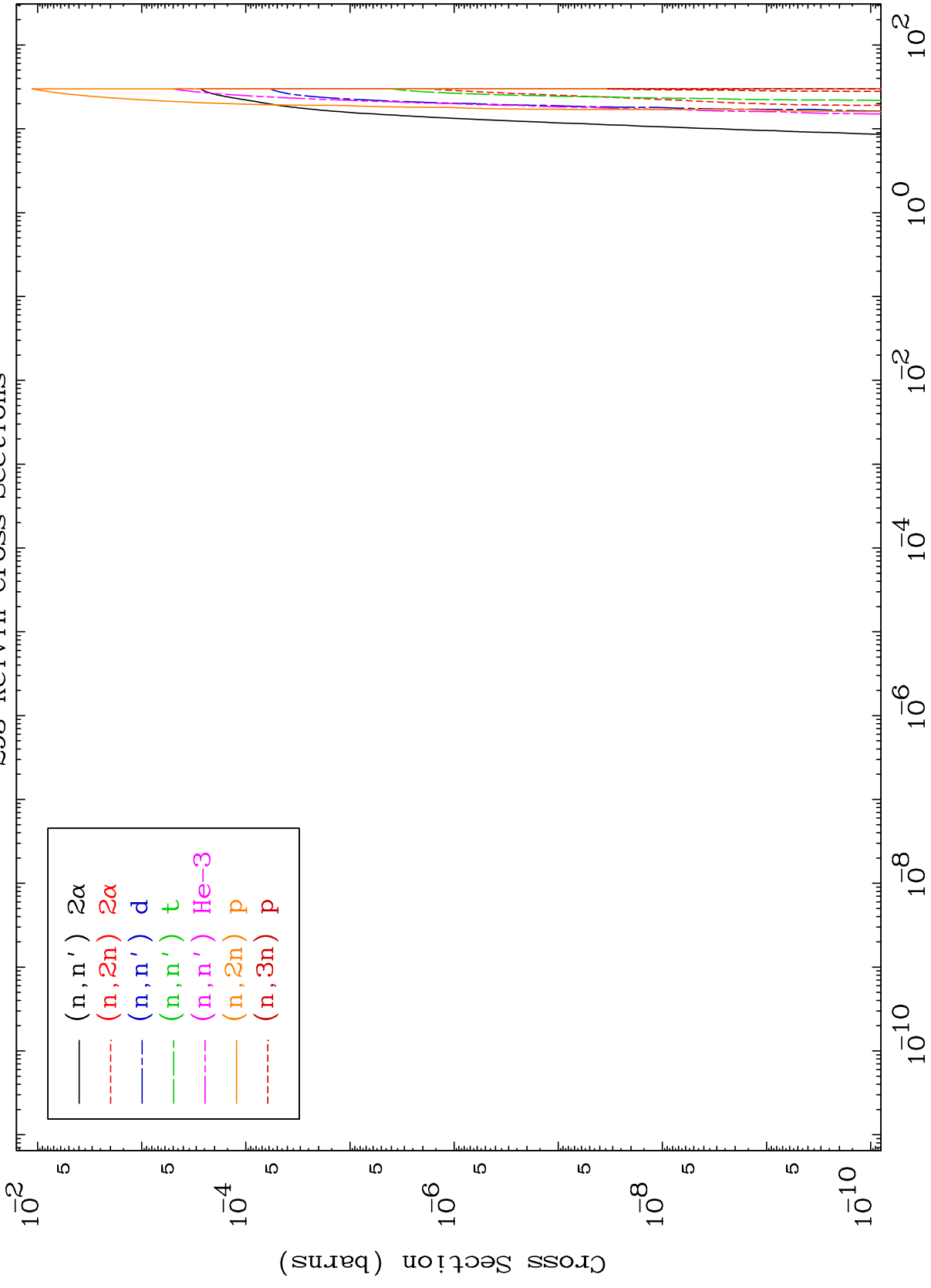


54-Xe-112

MAT 5389

Neutron Production
293 Kelvin Cross Sections

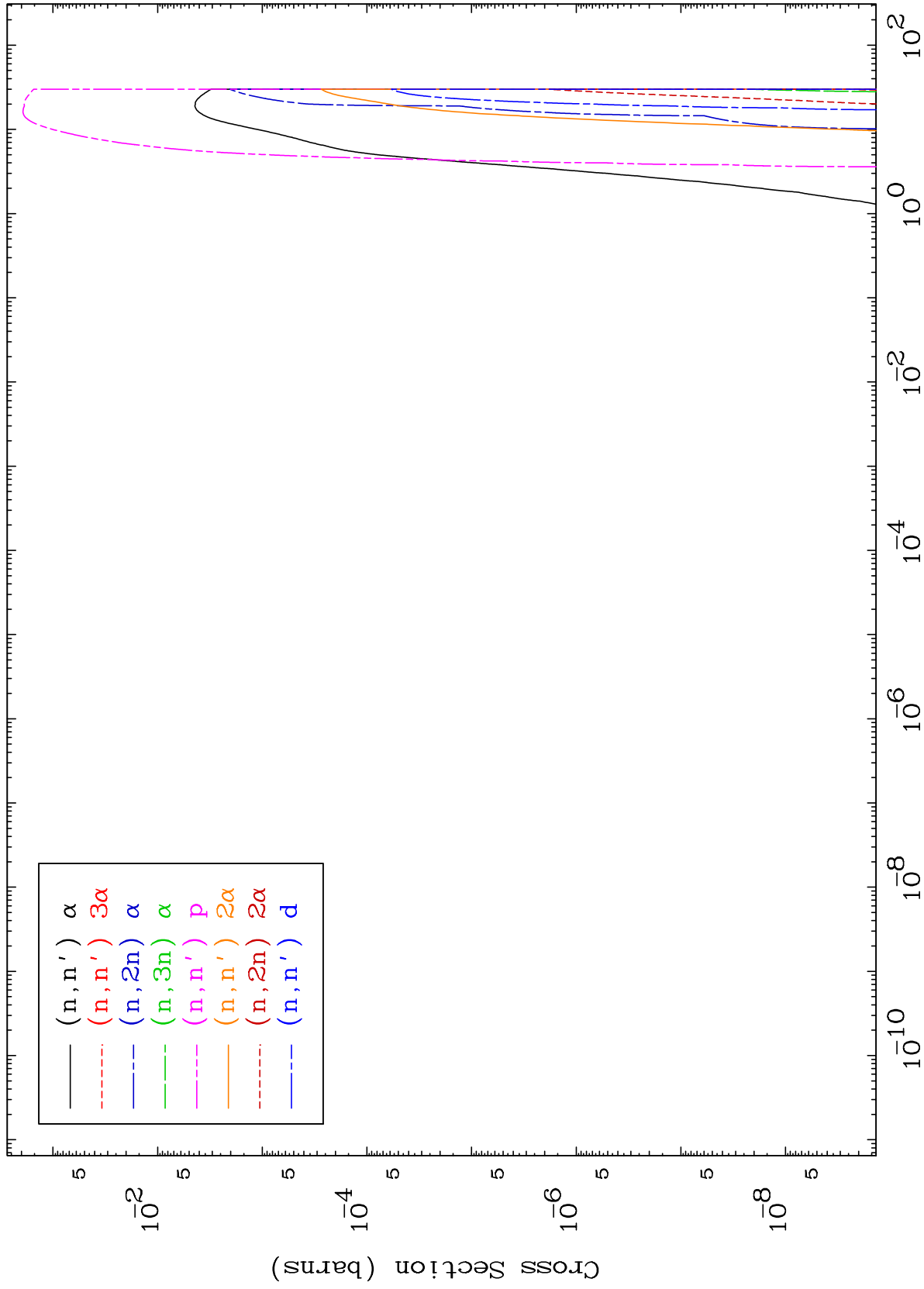
54-Xe-112



MAT 5389

Charged Particle
293 Kelvin Cross Sections

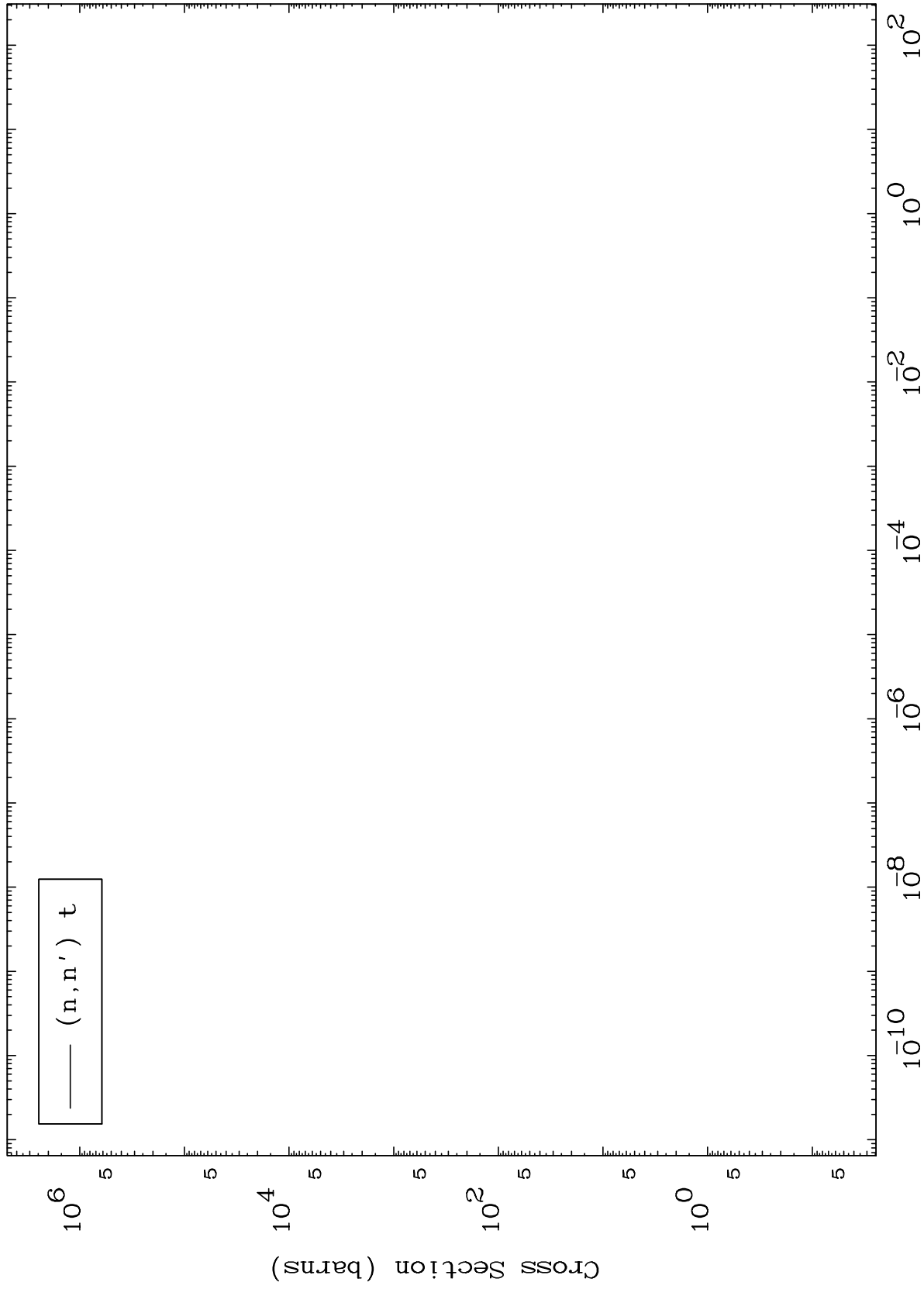
54-Xe-112



MAT 5389

Charged Particle
293 Kelvin Cross Sections

54-Xe-112



5

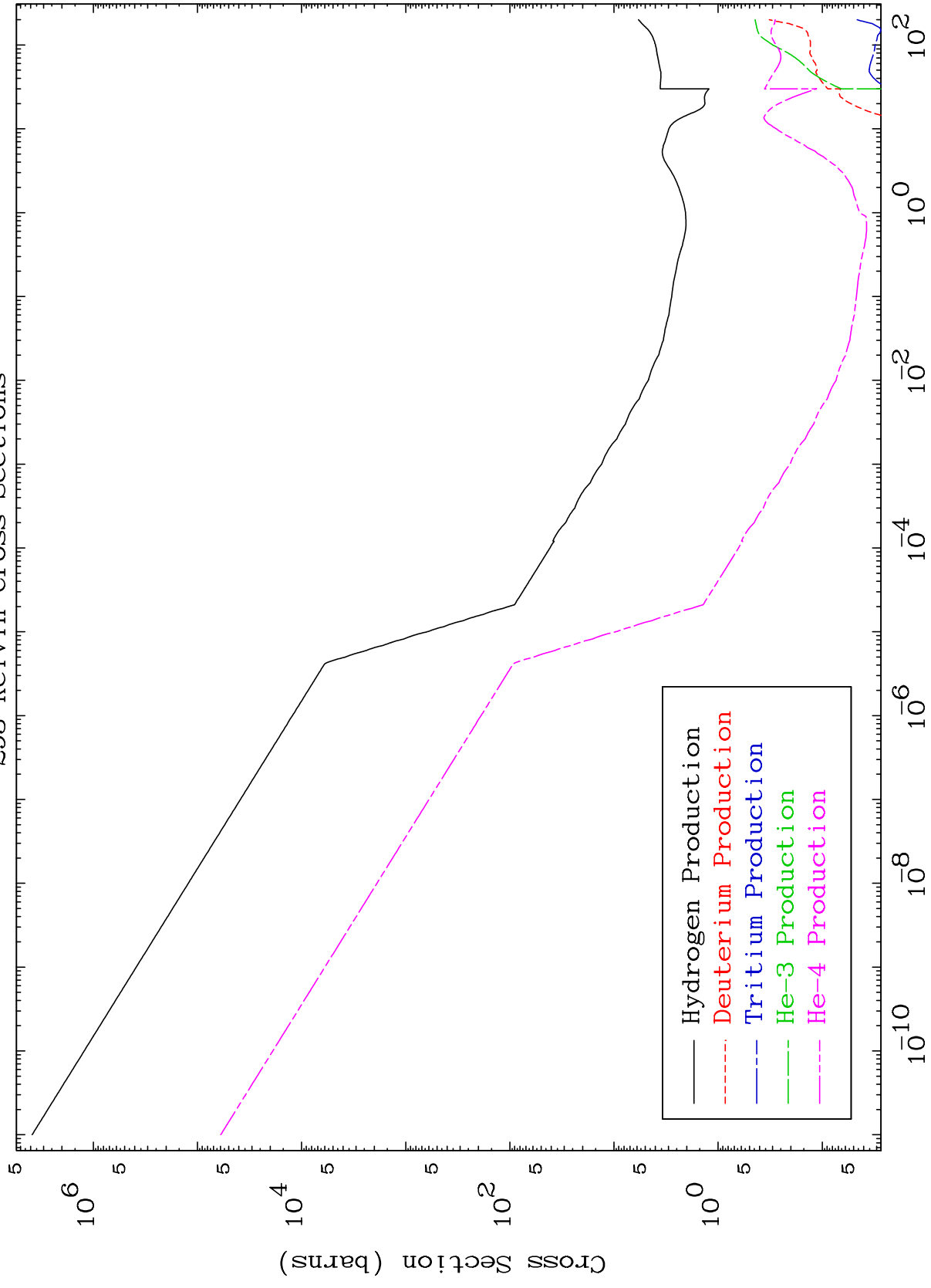
Incident Energy (MeV)

54-Xe-112

MAT 5389

Particle Production
293 Kelvin Cross Sections

54-Xe-112



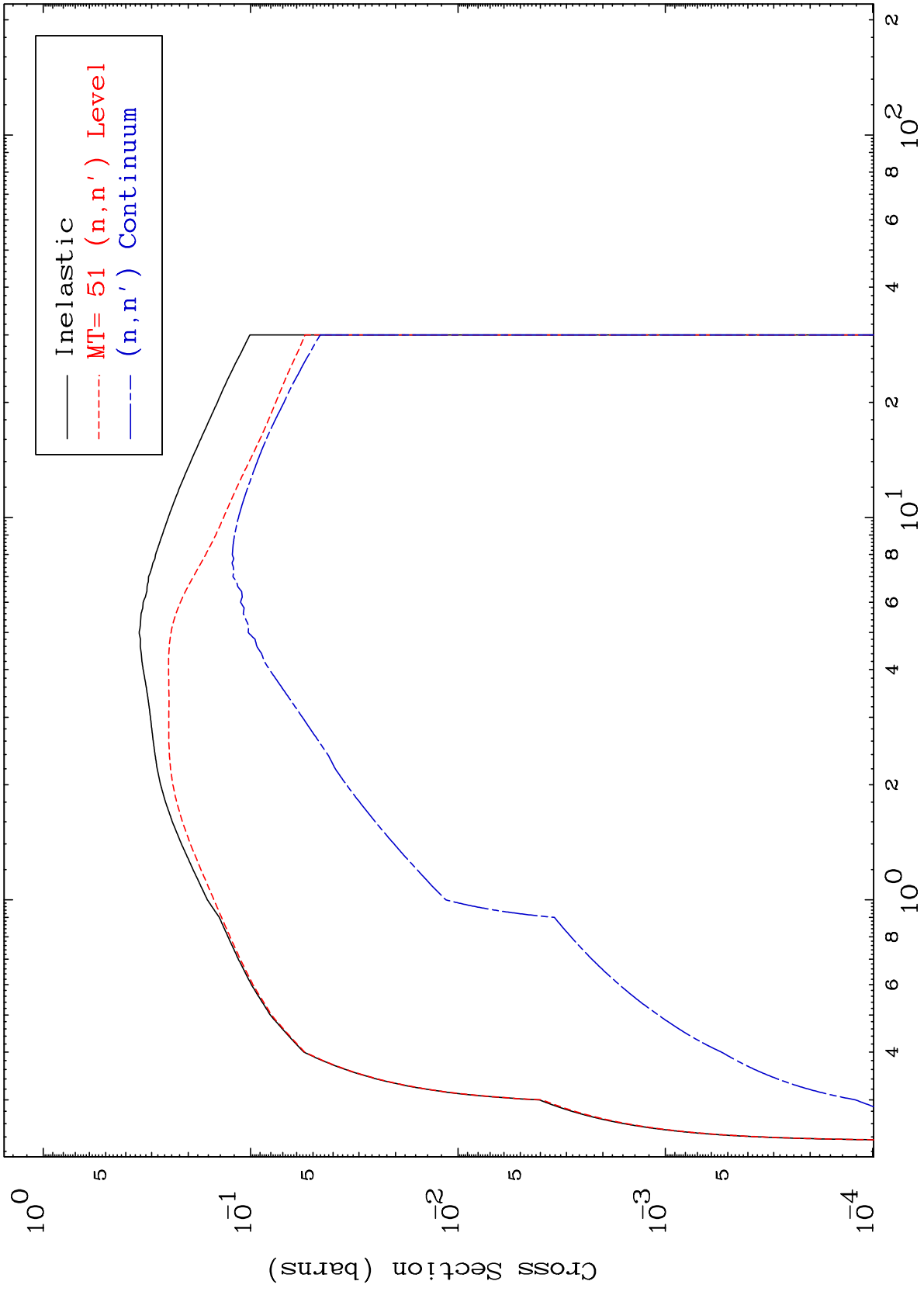
7

54-Xe-112

MAT 5389

(n,n') Level
293 Kelvin Cross Sections

54-Xe-112



8

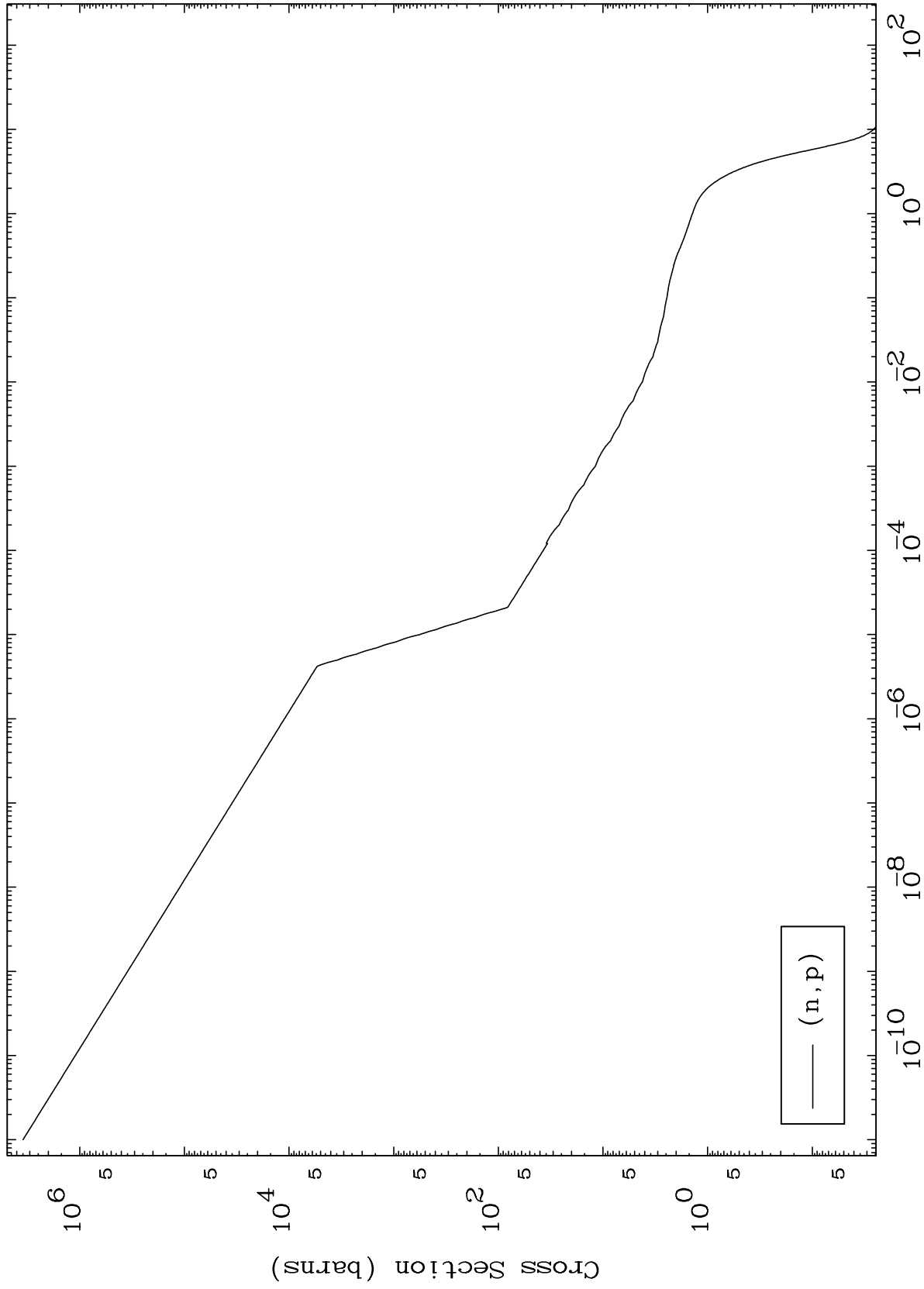
Incident Energy (MeV)

54-Xe-112

MAT 5389

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-112

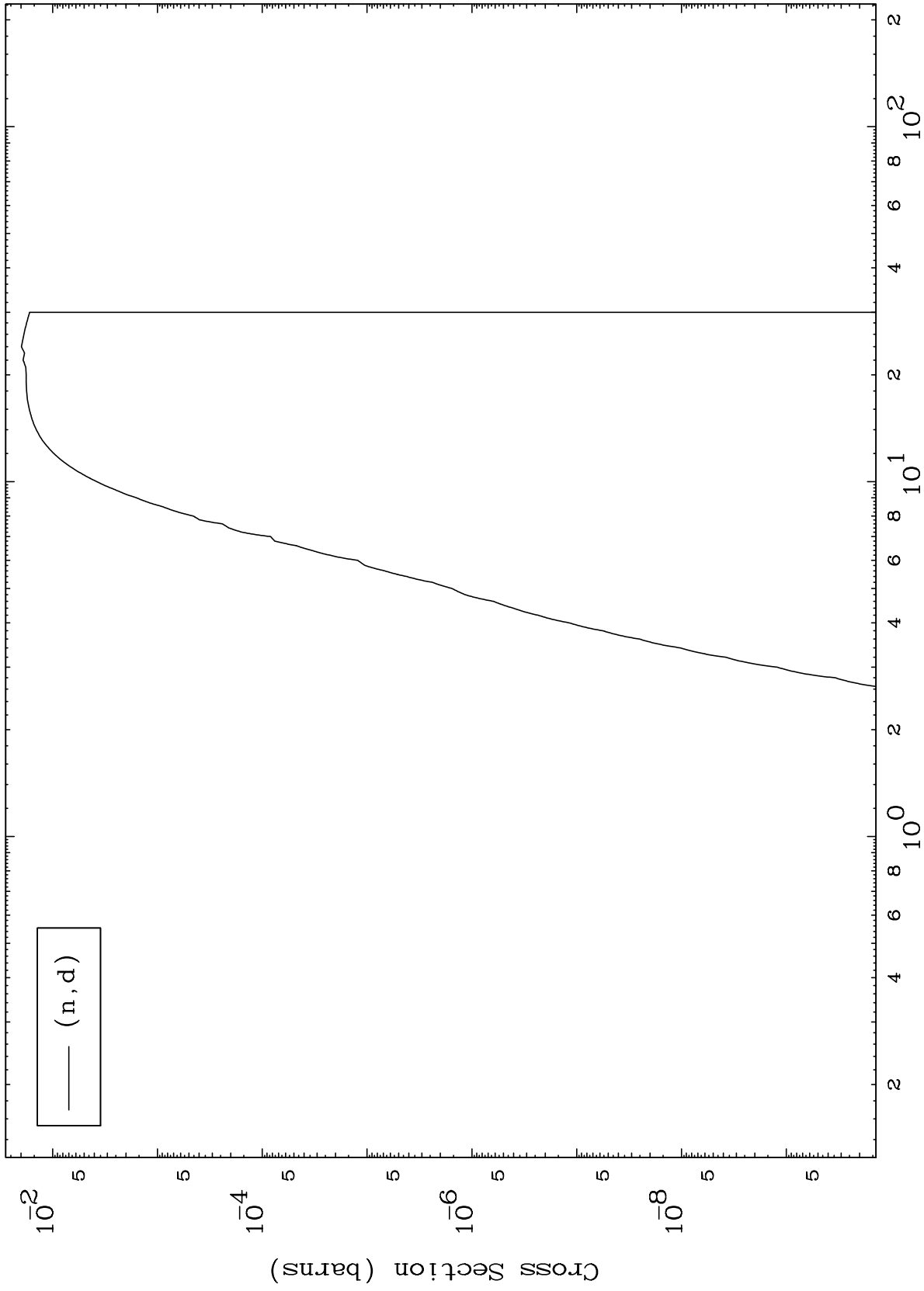


— (n, p)

MAT 5389

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-112



10

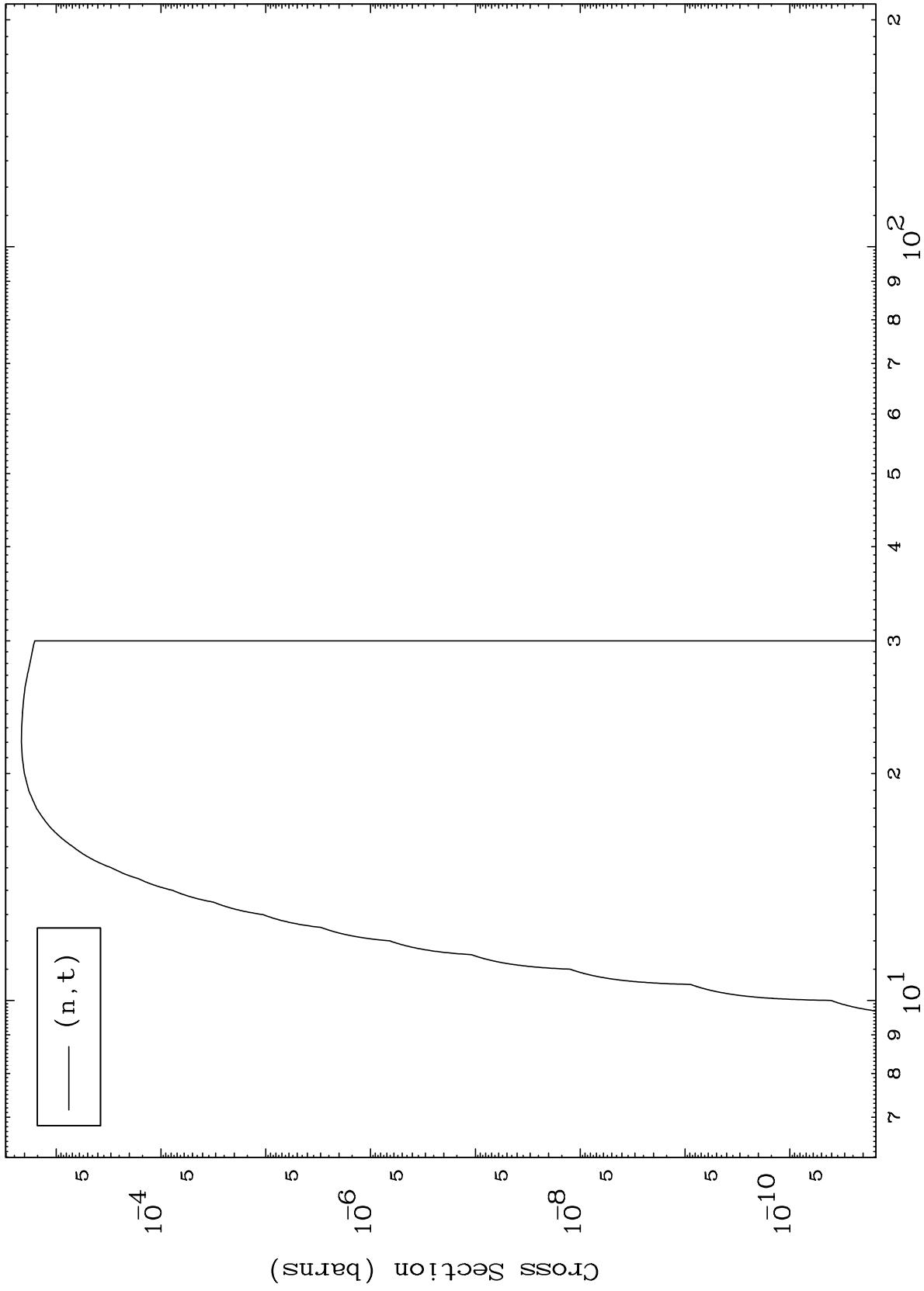
Incident Energy (MeV)

54-Xe-112

MAT 5389

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-112



11

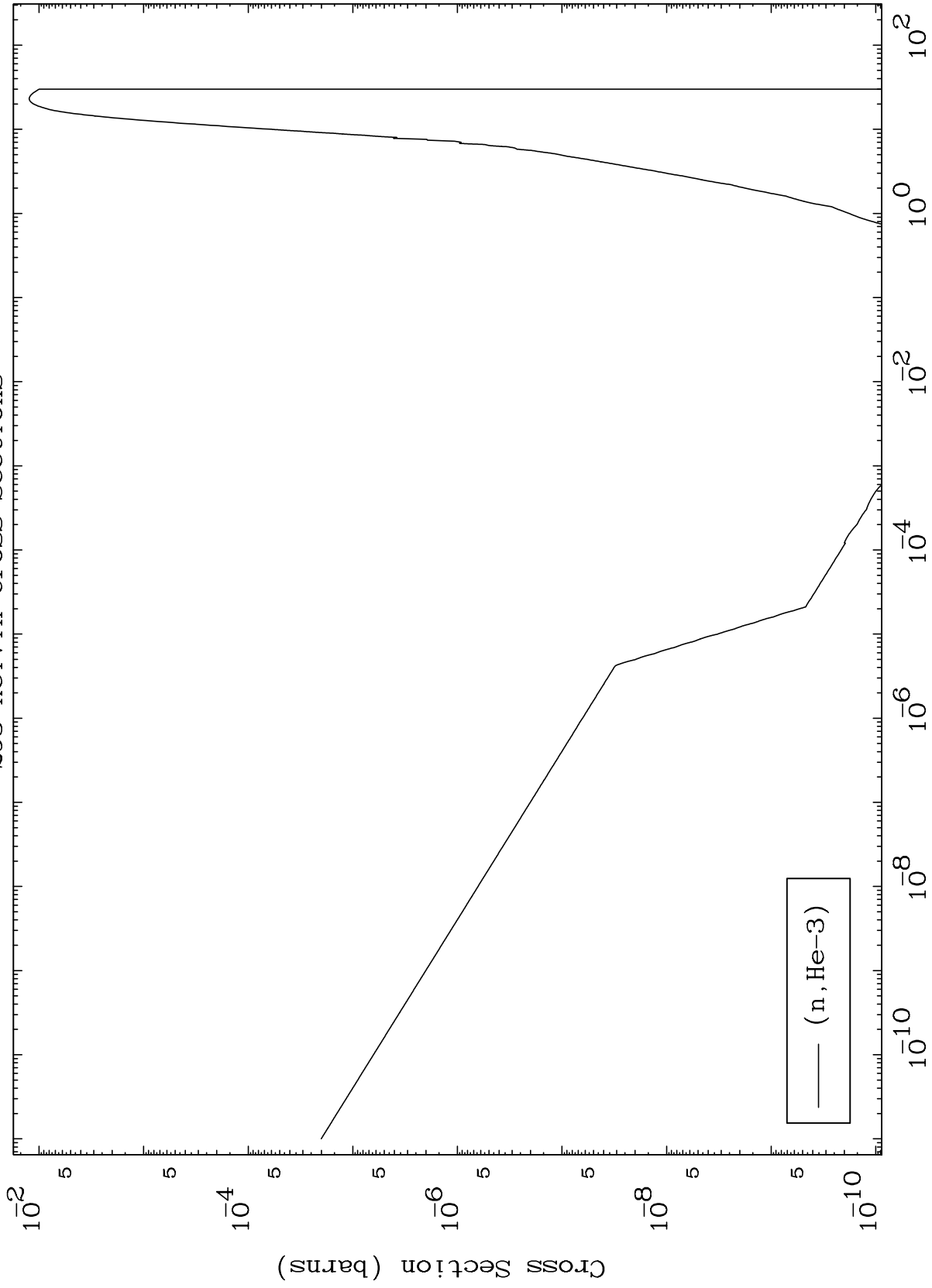
Incident Energy (MeV)

54-Xe-112

MAT 5389

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-112



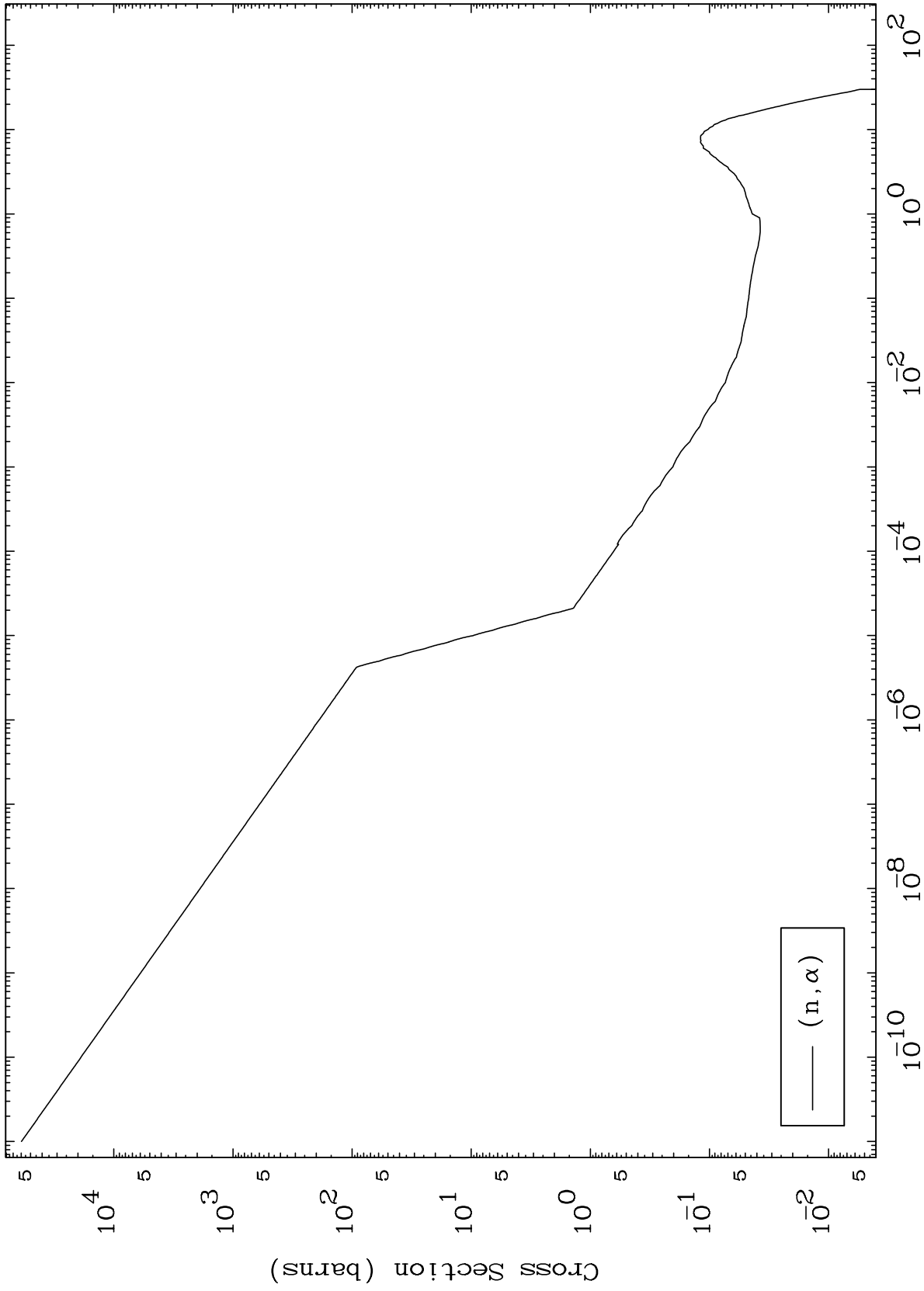
12

54-Xe-112

MAT 5389

(n,α) Levels
293 Kelvin Cross Sections

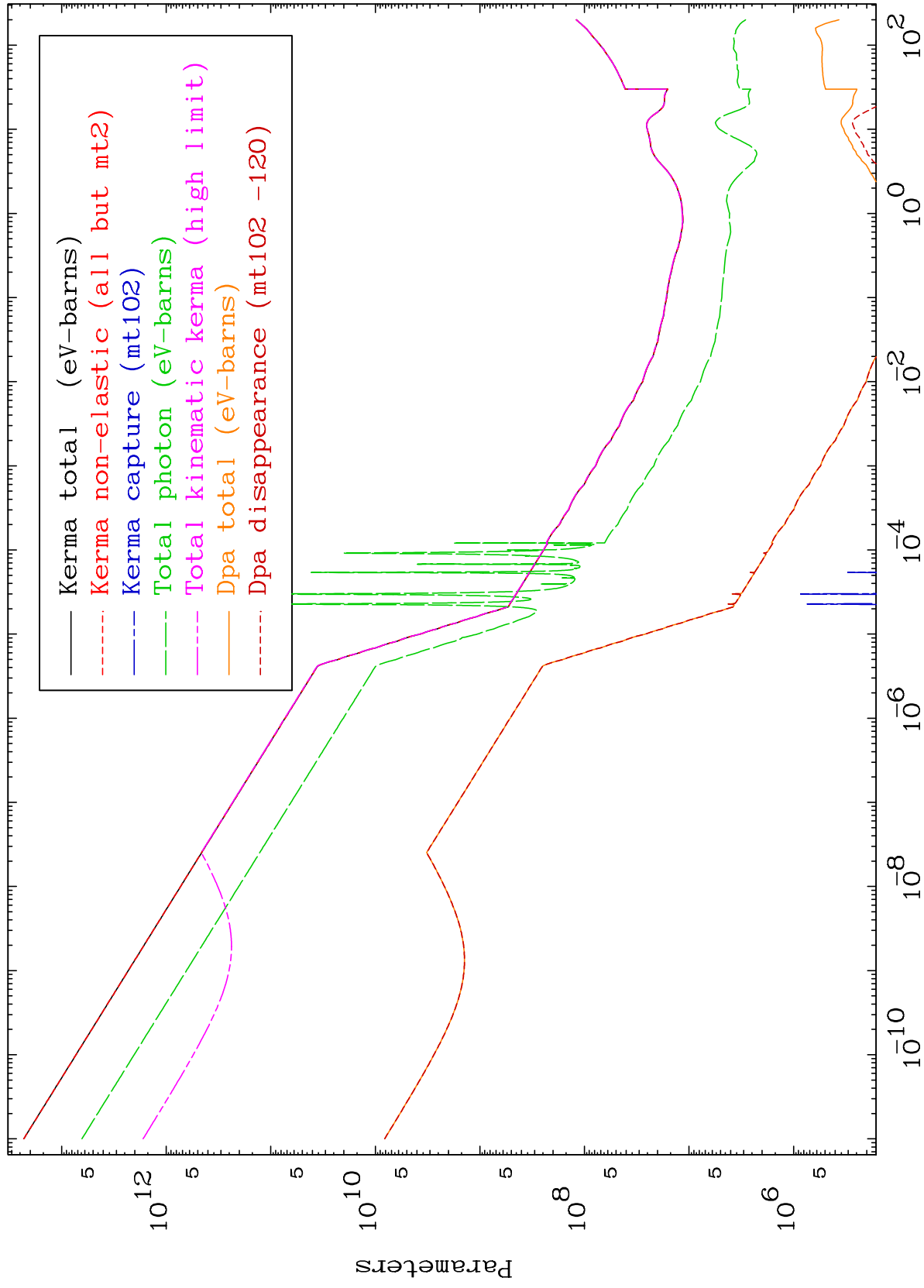
54-Xe-112



13

Incident Energy (MeV)

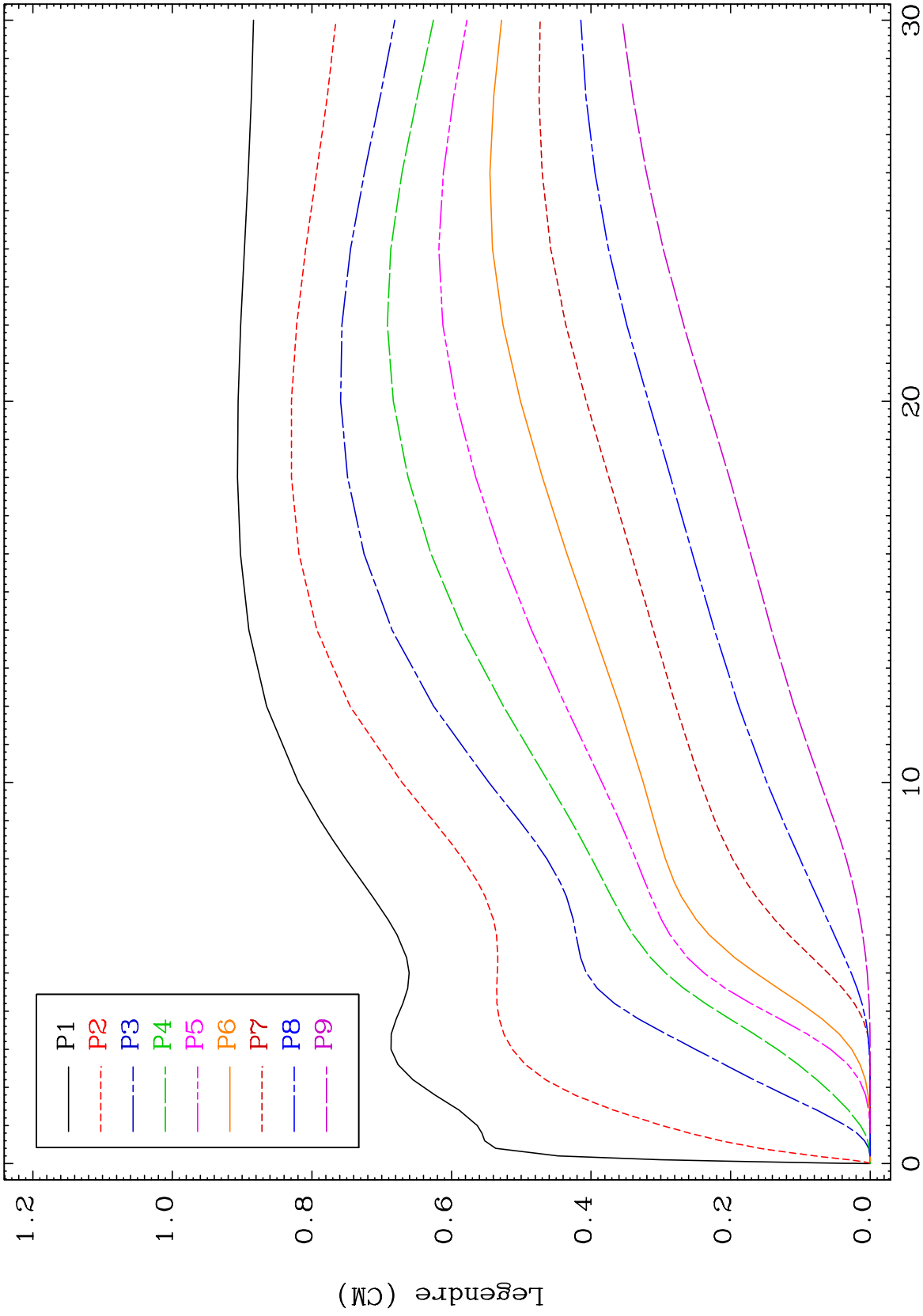
54-Xe-112



MAT 5389

Elastic Legendre Coefficients

54-Xe-112



15

Incident Energy (MeV)

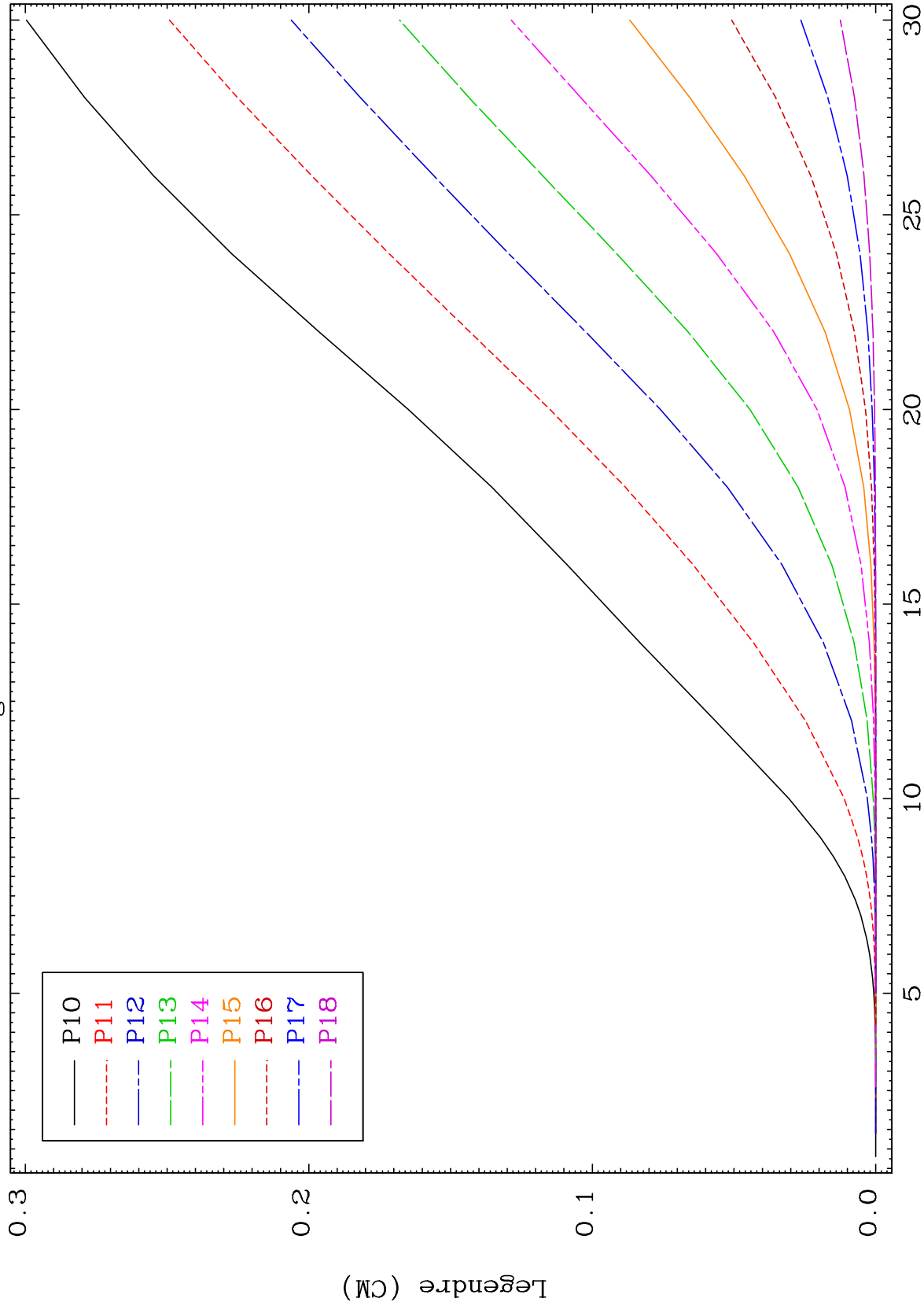
54-Xe-112

30

MAT 5389

Elastic Legendre Coefficients

54-Xe-112



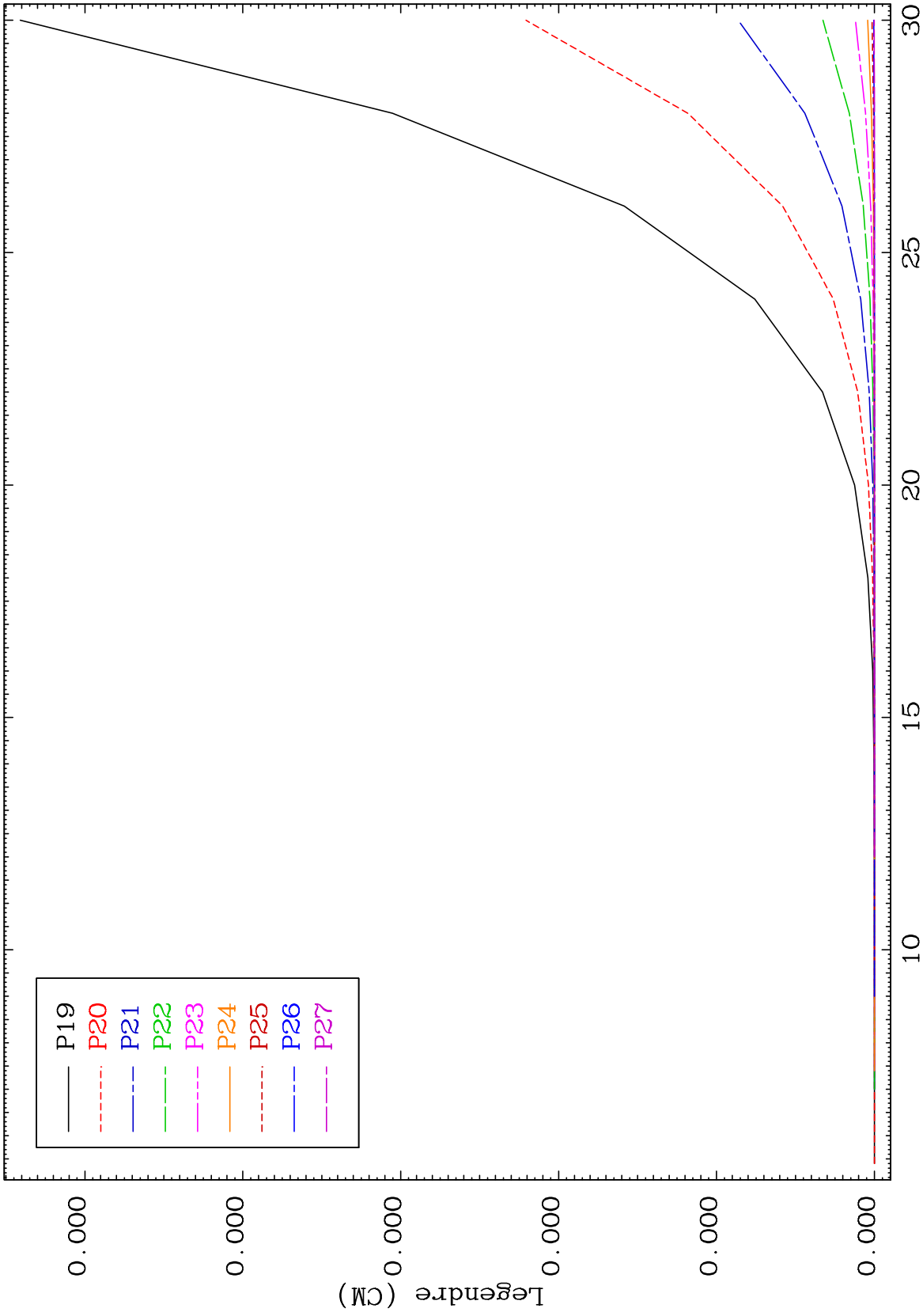
16

54-Xe-112

MAT 5389

Elastic Legendre Coefficients

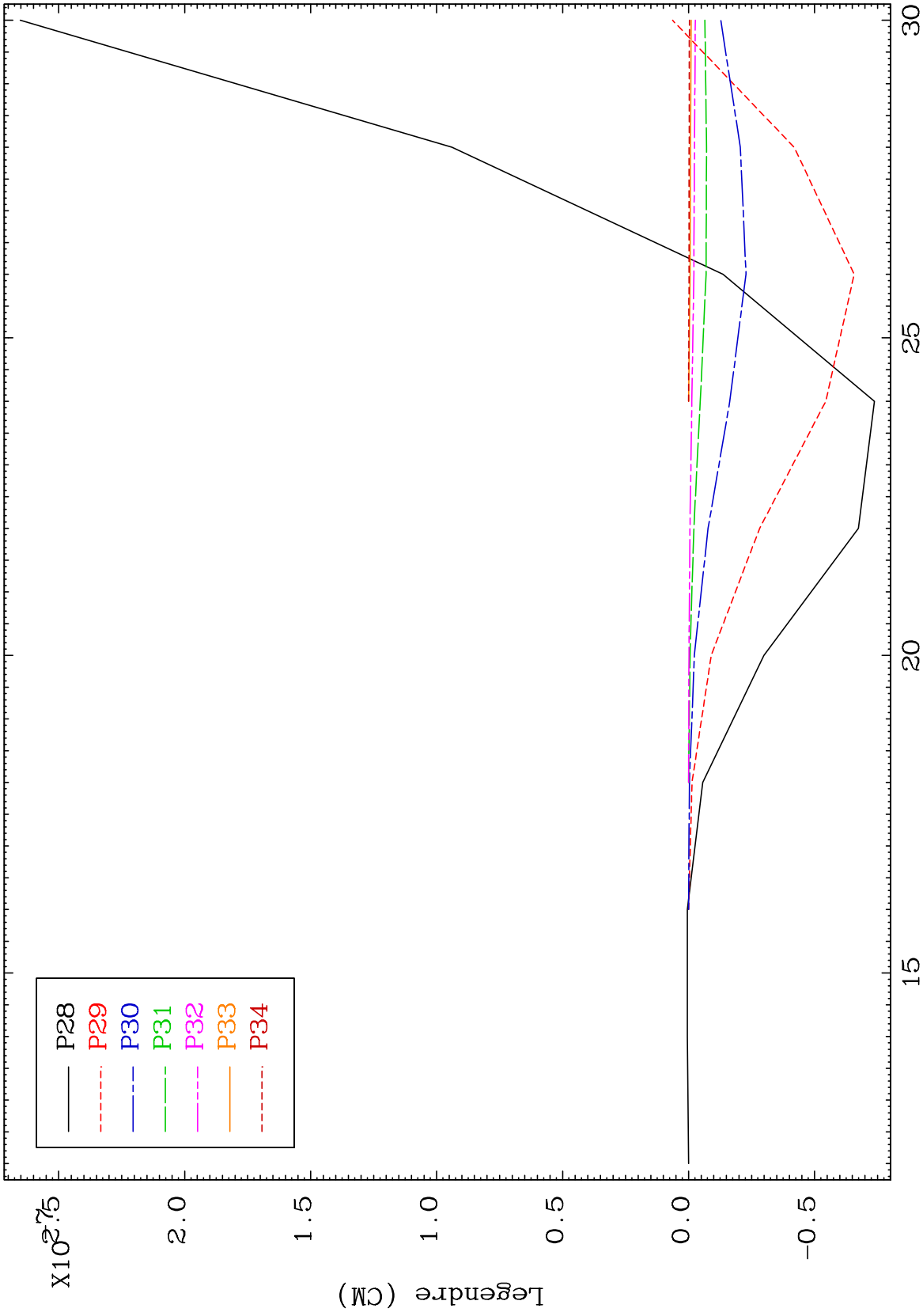
54-Xe-112



MAT 5389

Elastic Legendre Coefficients

54-Xe-112



18

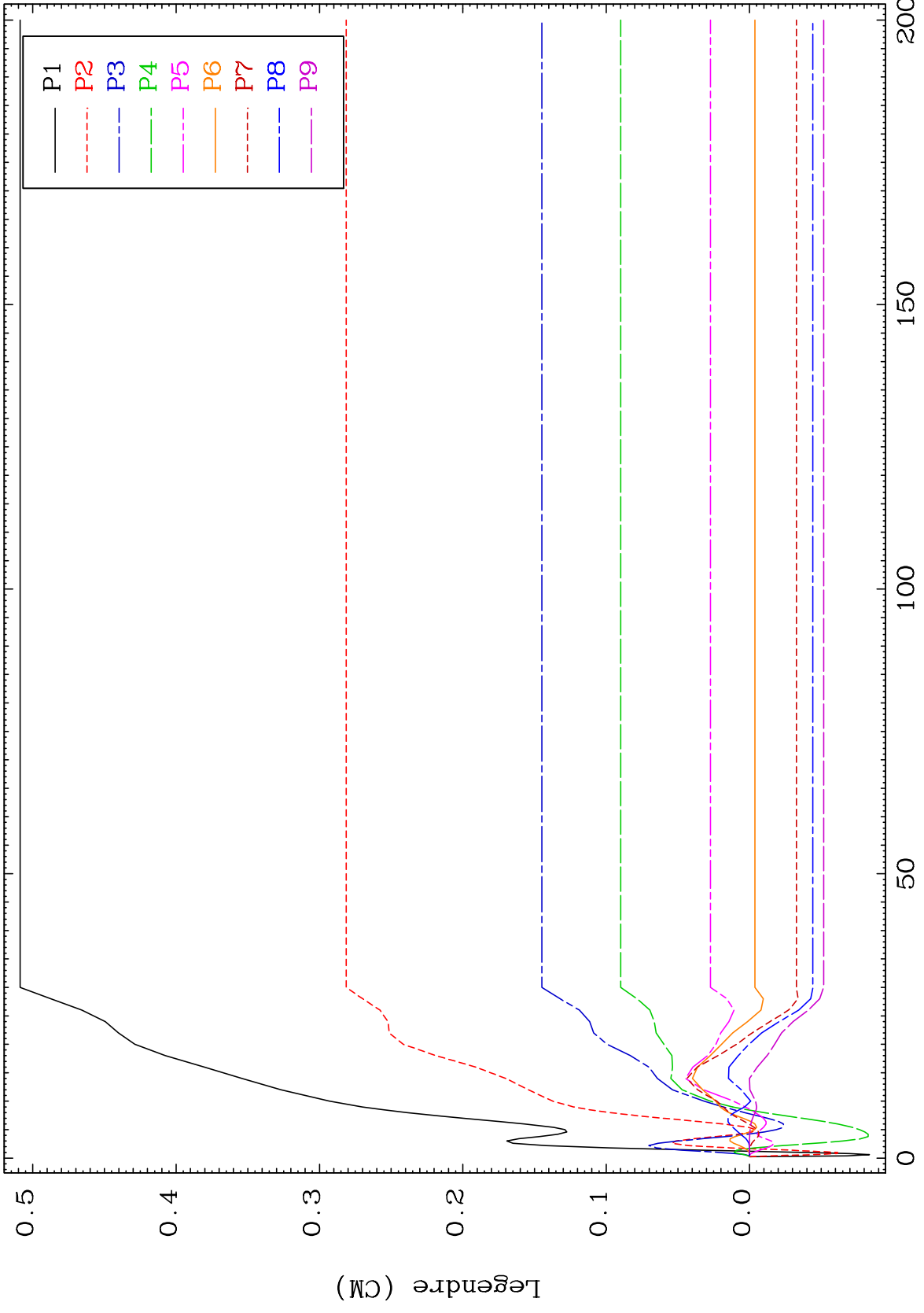
Incident Energy (MeV)

54-Xe-112

MAT 5389

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

54-Xe-112



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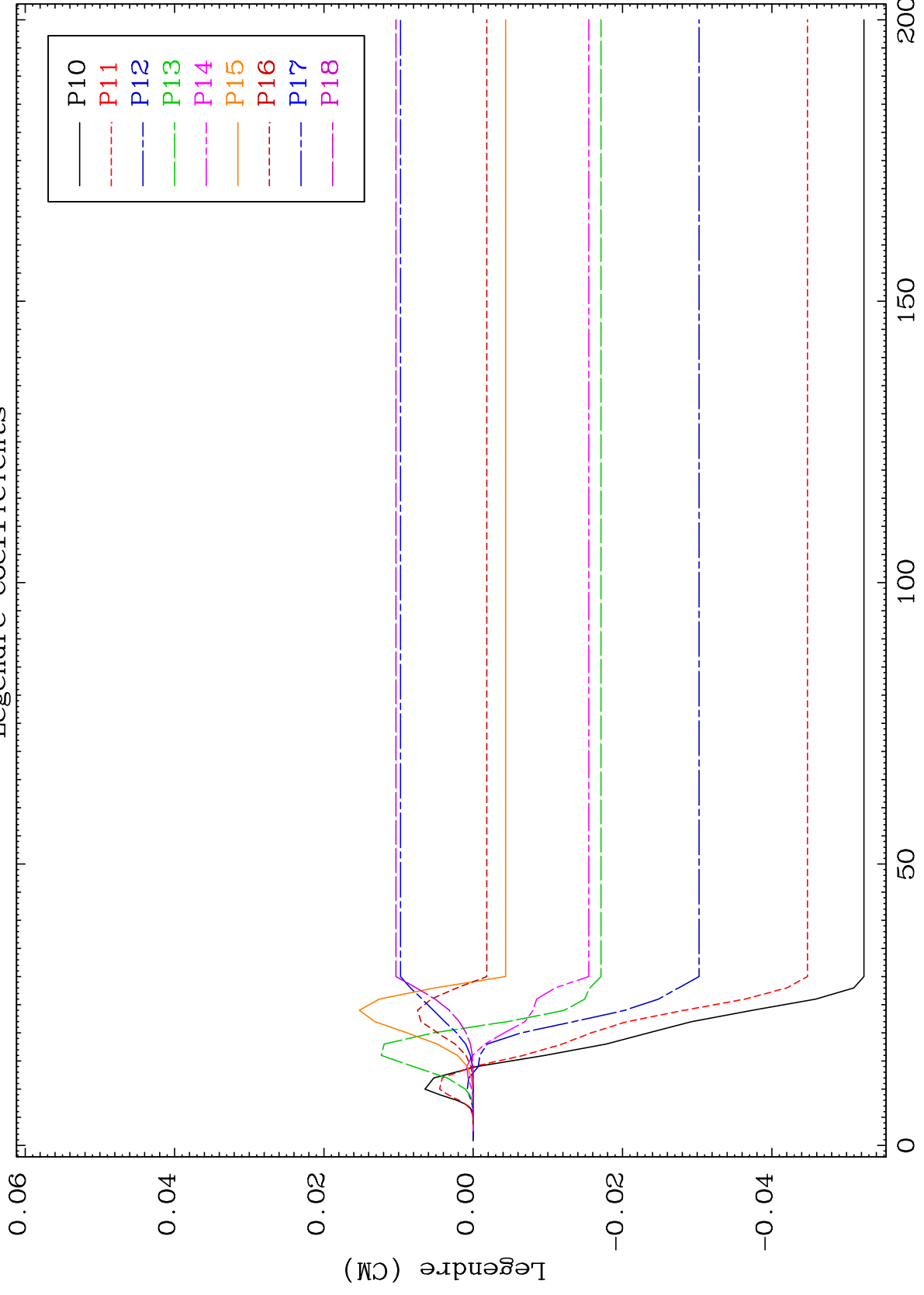
Incident Energy (MeV)

54-Xe-112

MAT 5389

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

54-Xe-112



0

50

100

150

200

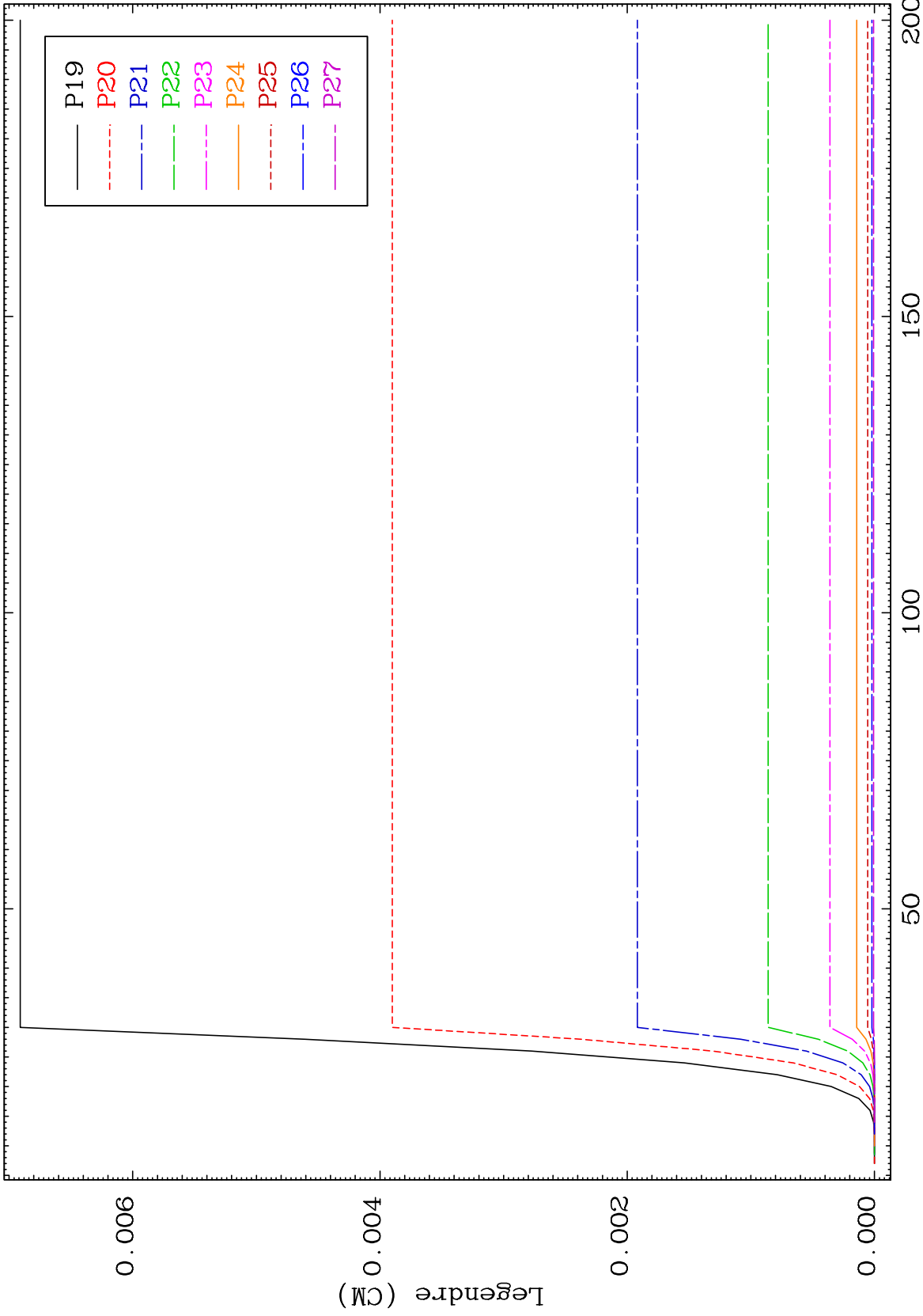
Incident Energy (MeV)

54-Xe-112

MAT 5389

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

54-Xe-112



21

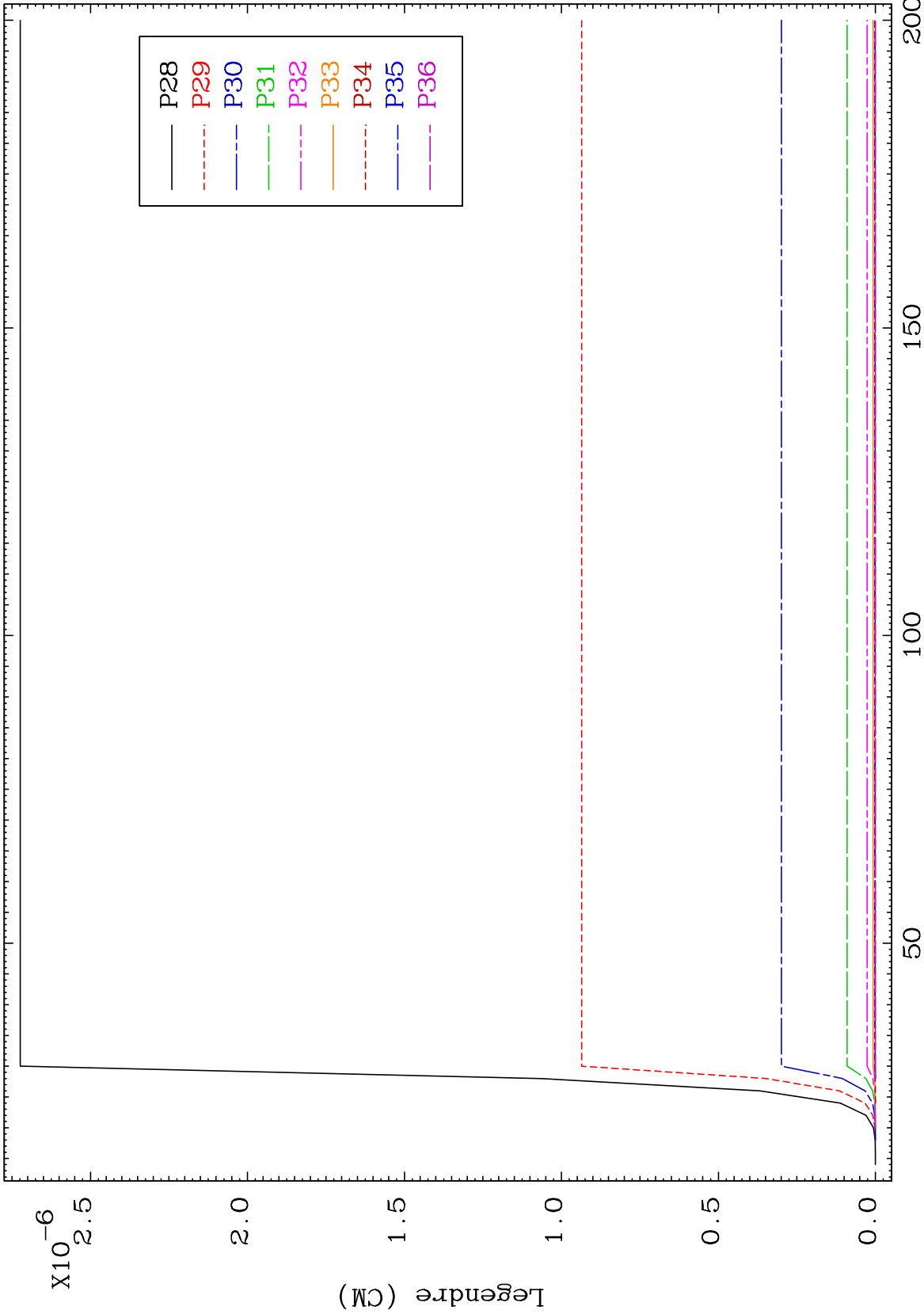
Incident Energy (MeV)

54-Xe-112

MAT 5389

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

54-Xe-112



22

Incident Energy (MeV)

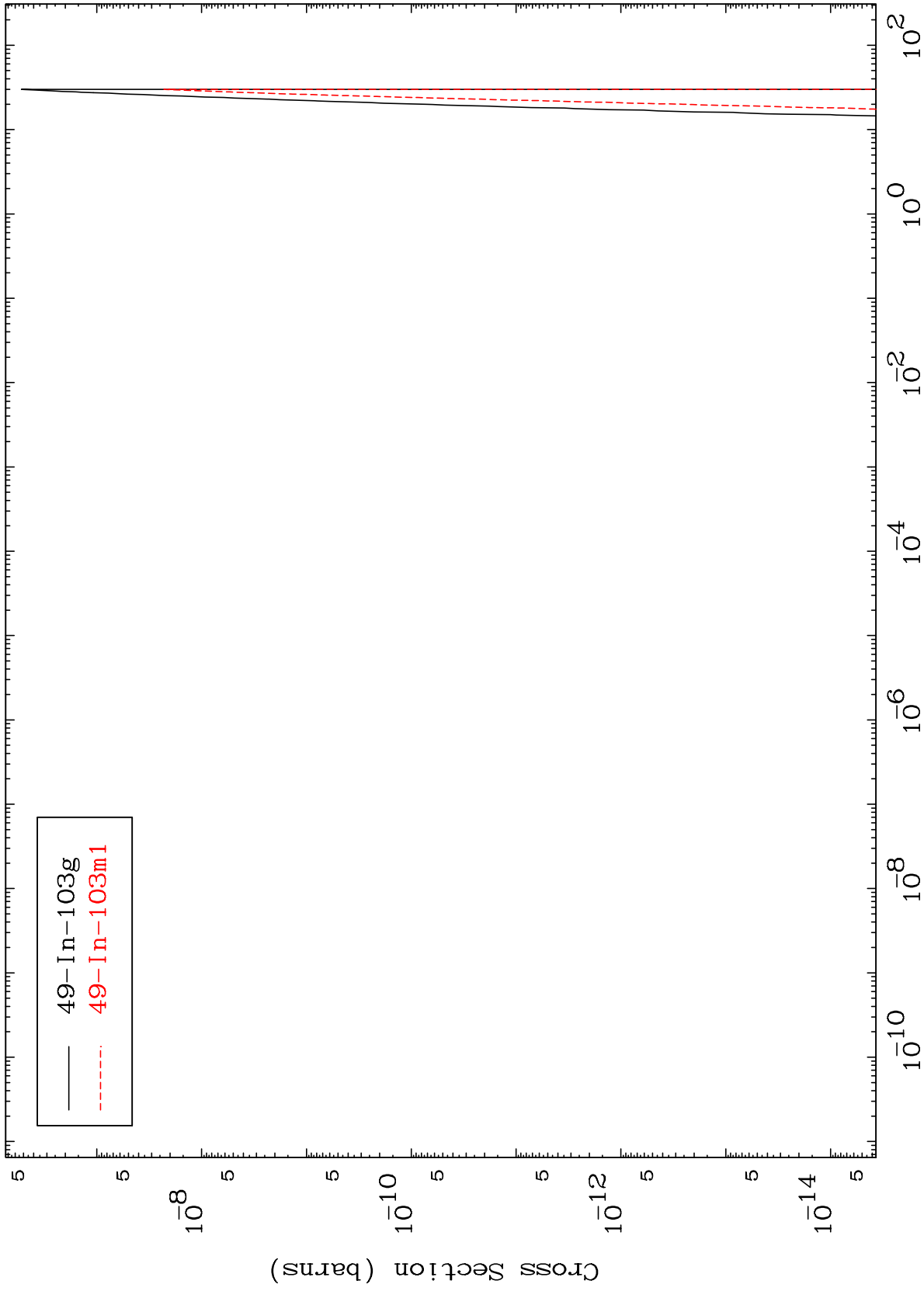
54-Xe-112

MAT 5389

(n,d) 2α

54-Xe-112

Radionuclide Production Cross Section



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Incident Energy (MeV)

54-Xe-112