

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

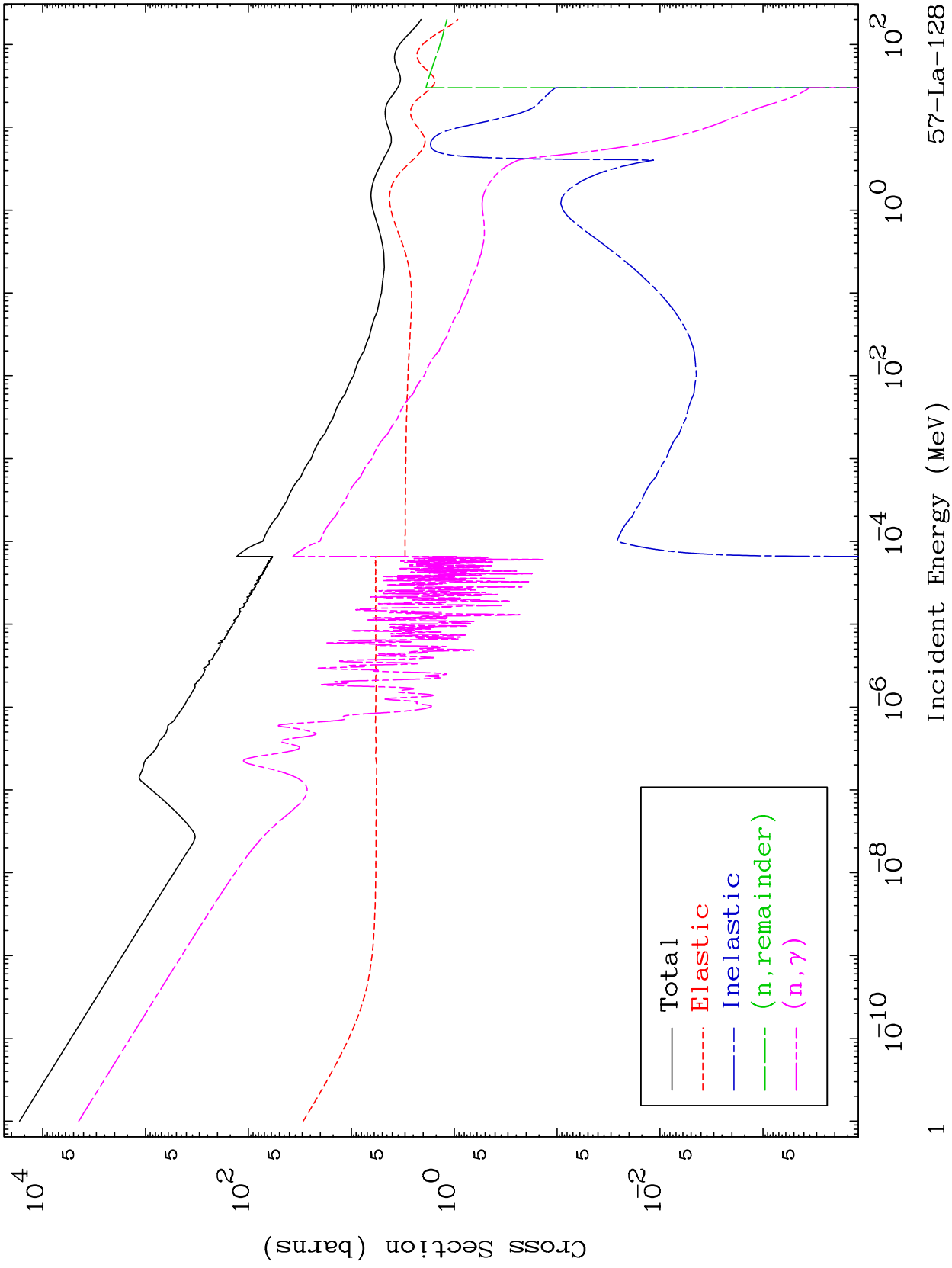
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5696

Major
293 Kelvin Cross Sections

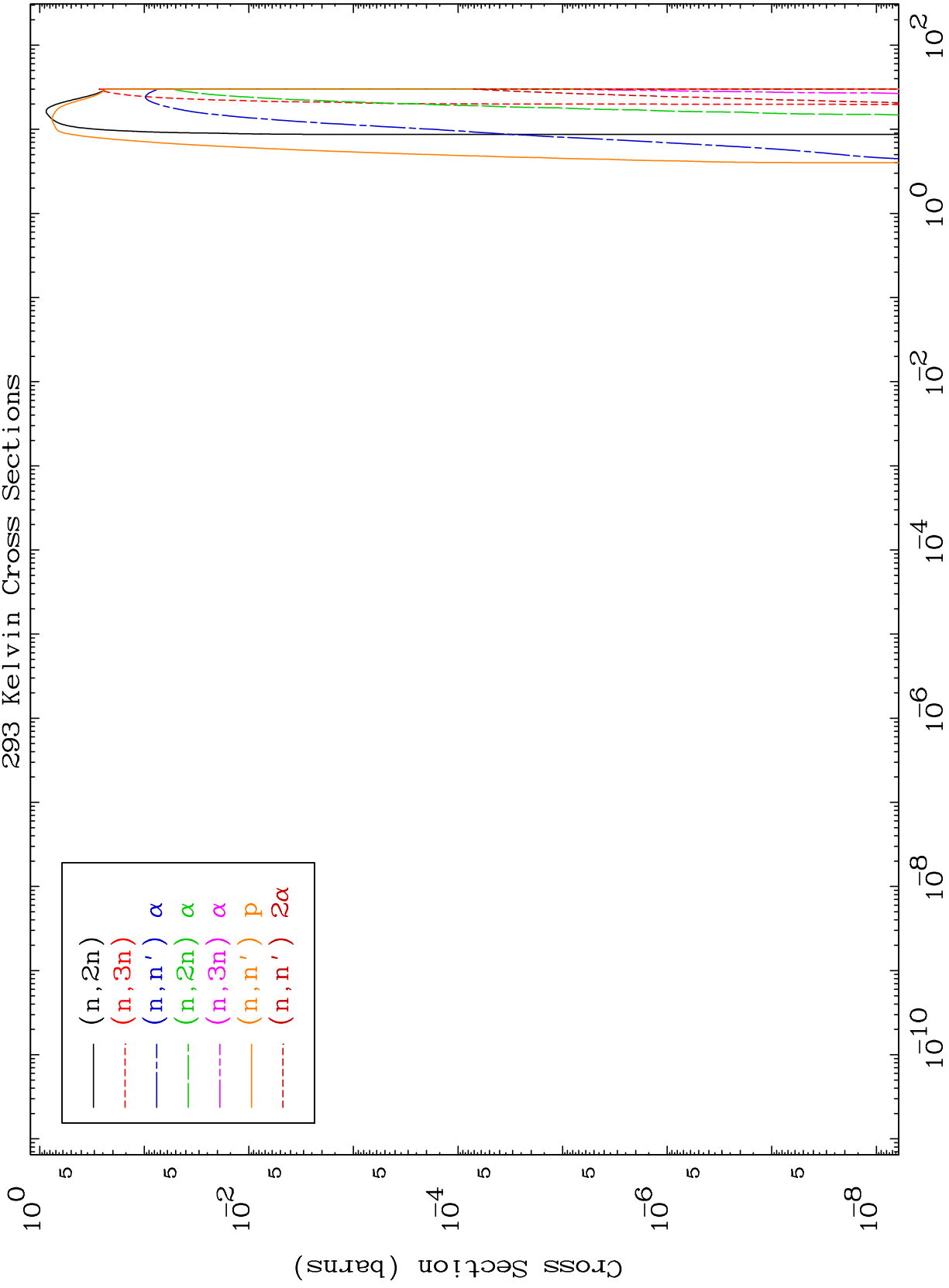
57-La-128



MAT 5696

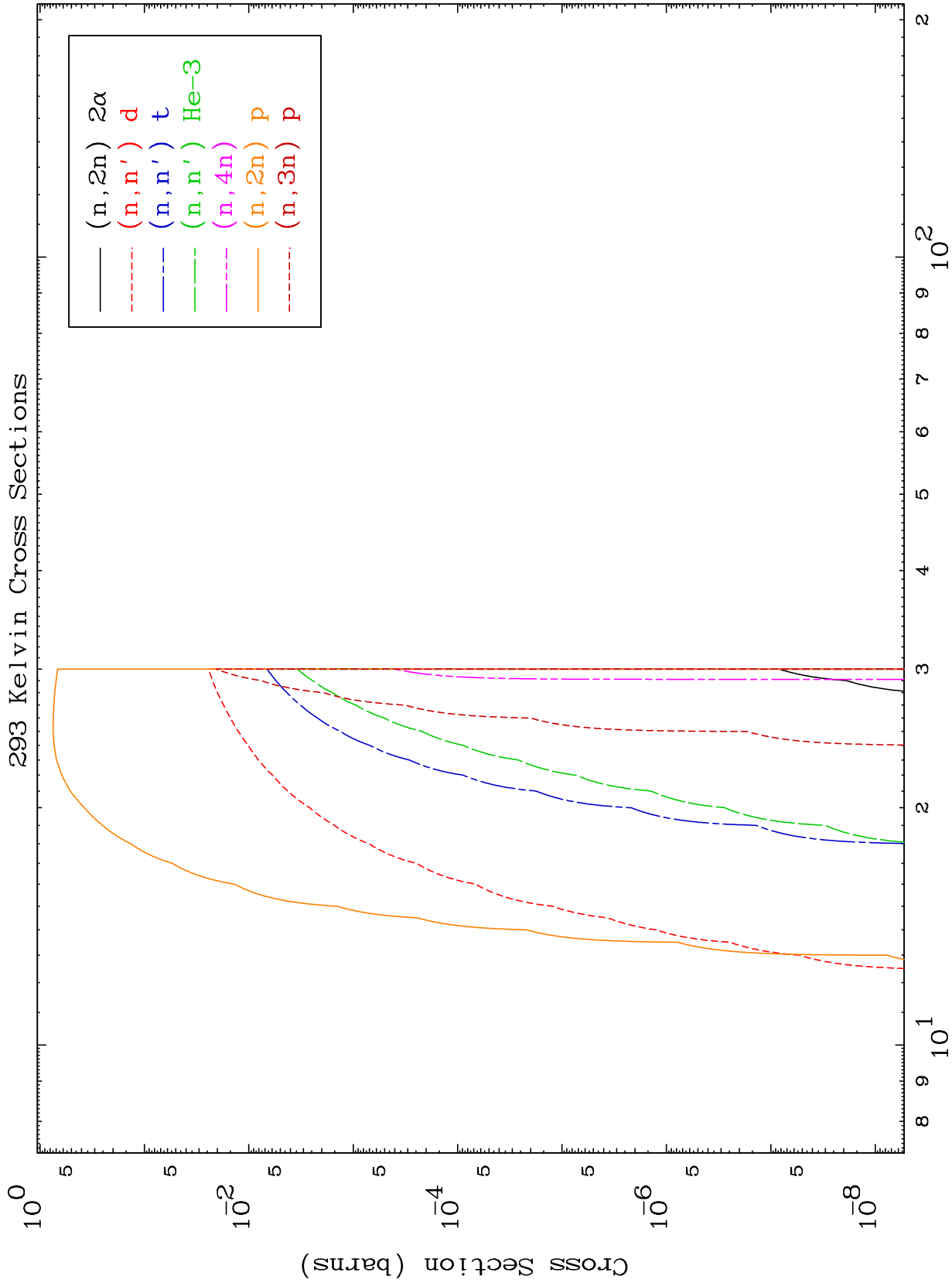
Neutron Production
293 Kelvin Cross Sections

57-La-128



2

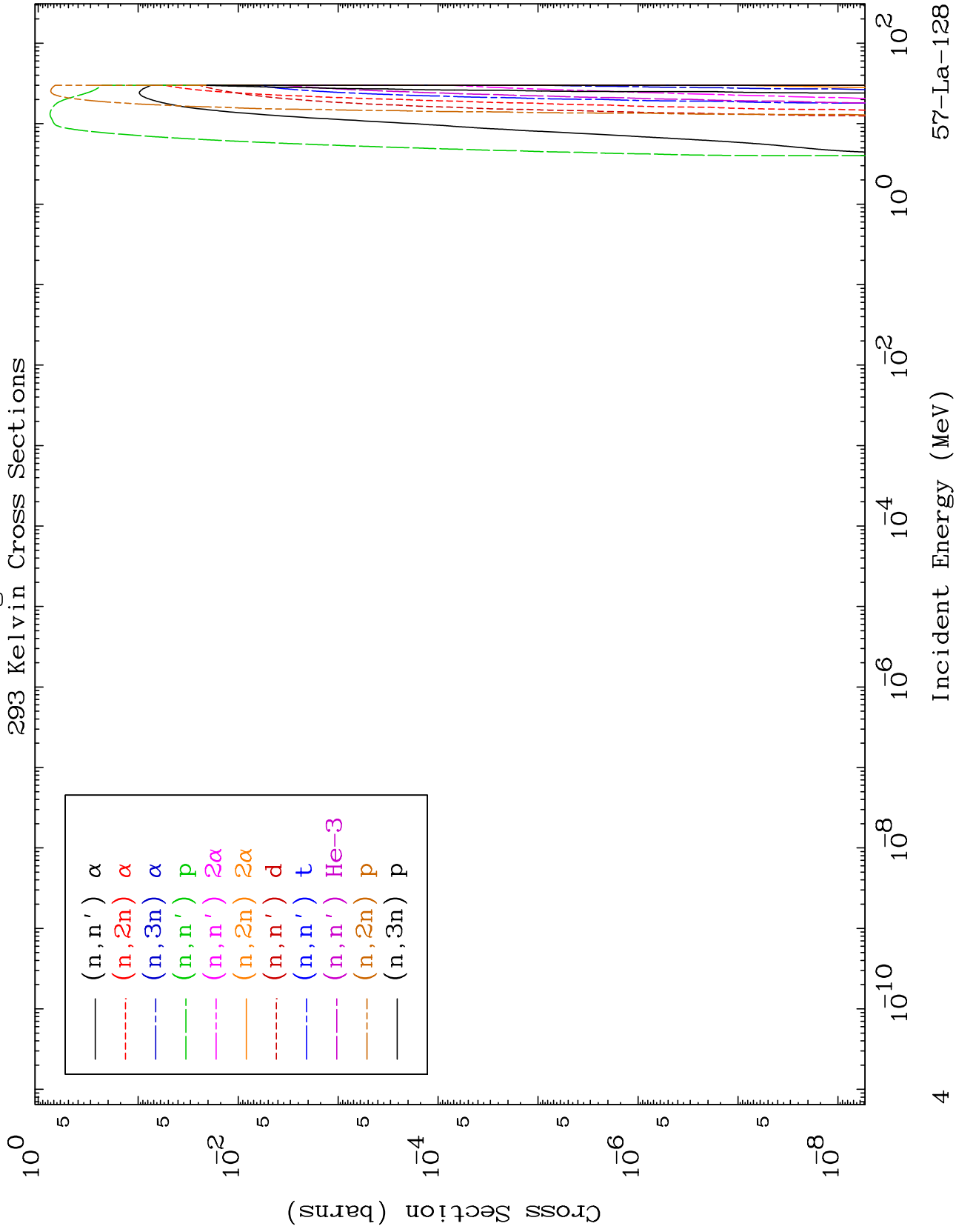
57-La-128



MAT 5696

Charged Particle
293 Kelvin Cross Sections

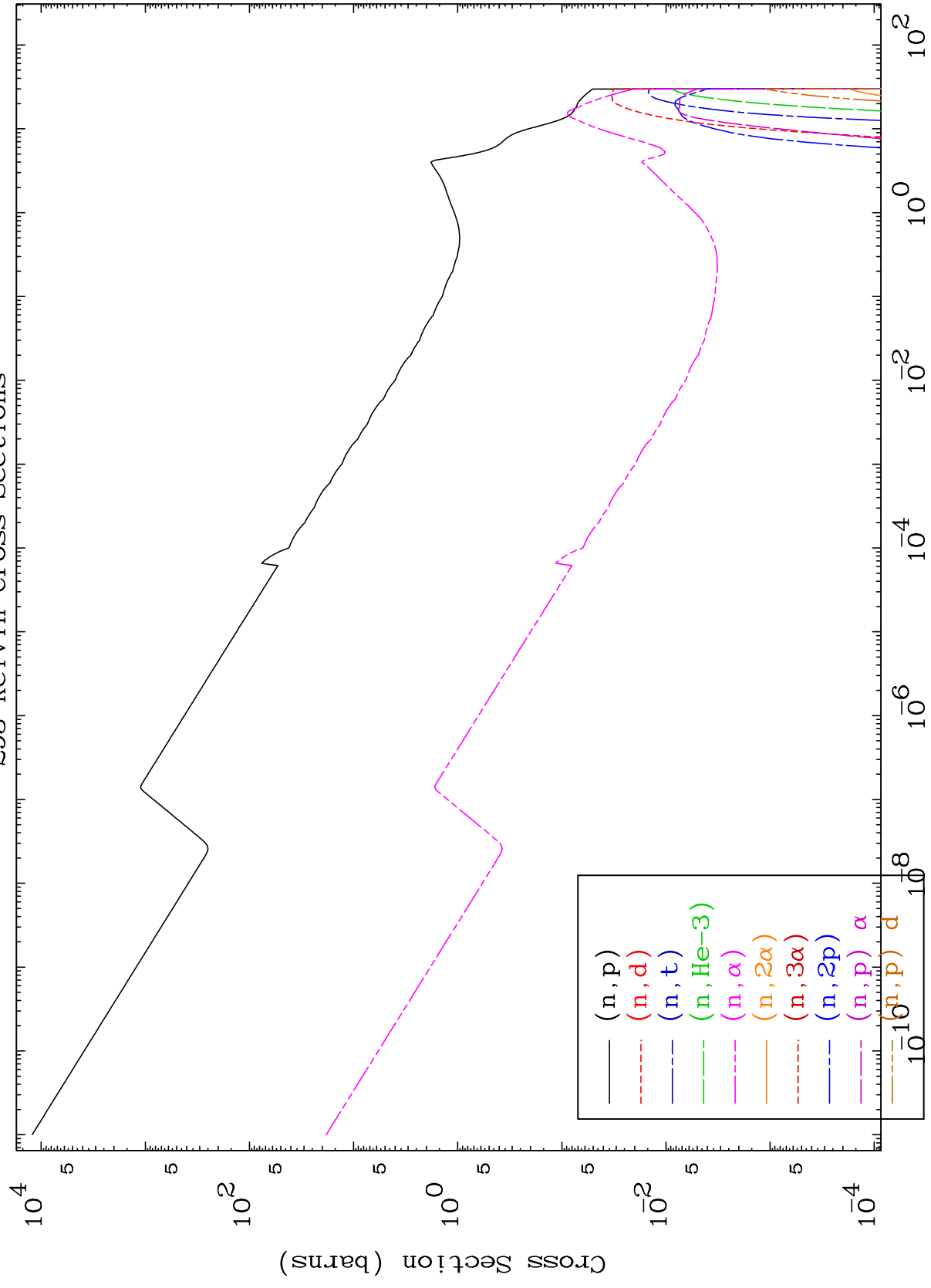
57-La-128



MAT 5696

293 Charged Particle
Kelvin Cross Sections

57-La-128



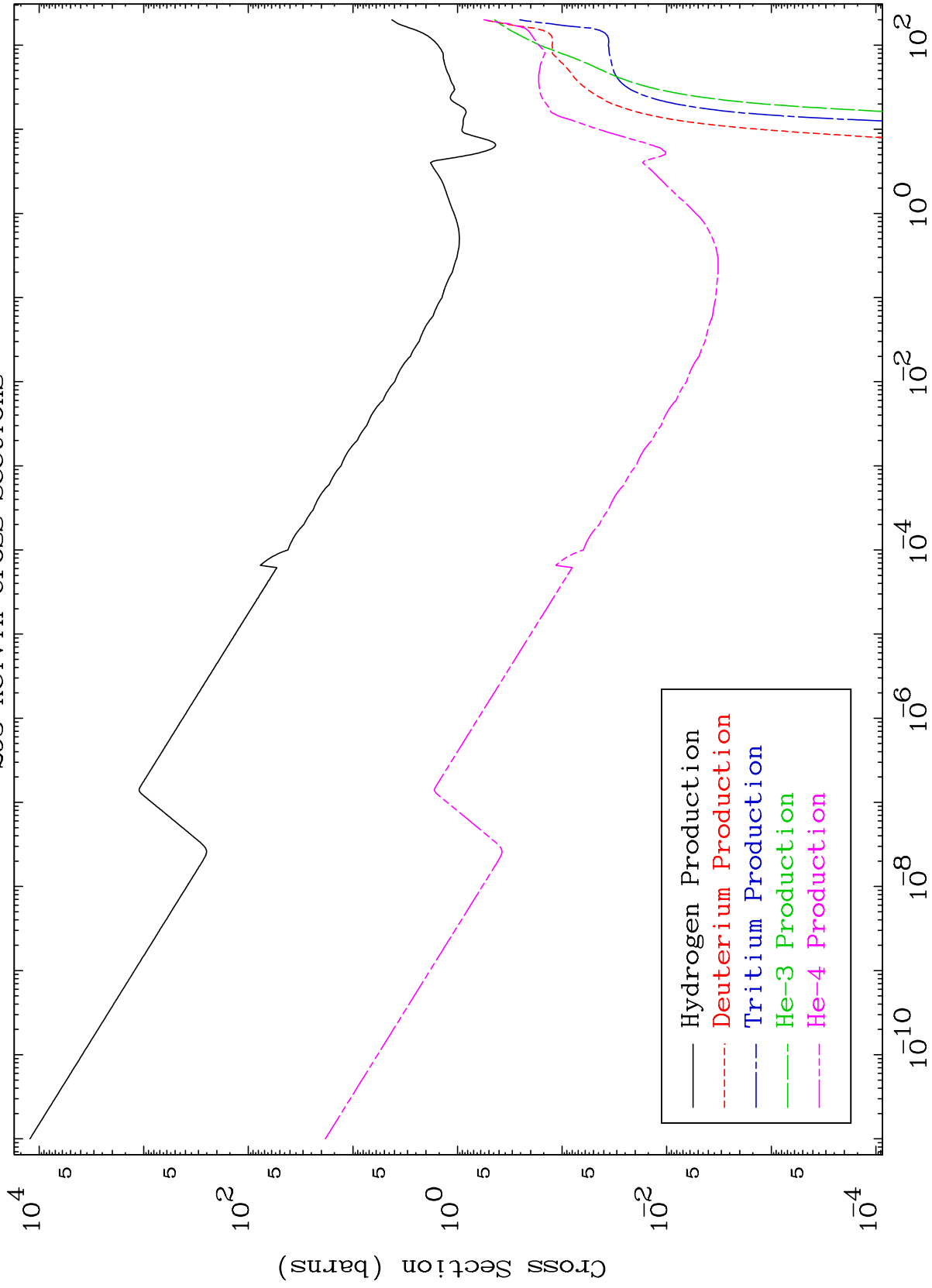
5

57-La-128

MAT 5696

Particle Production
293 Kelvin Cross Sections

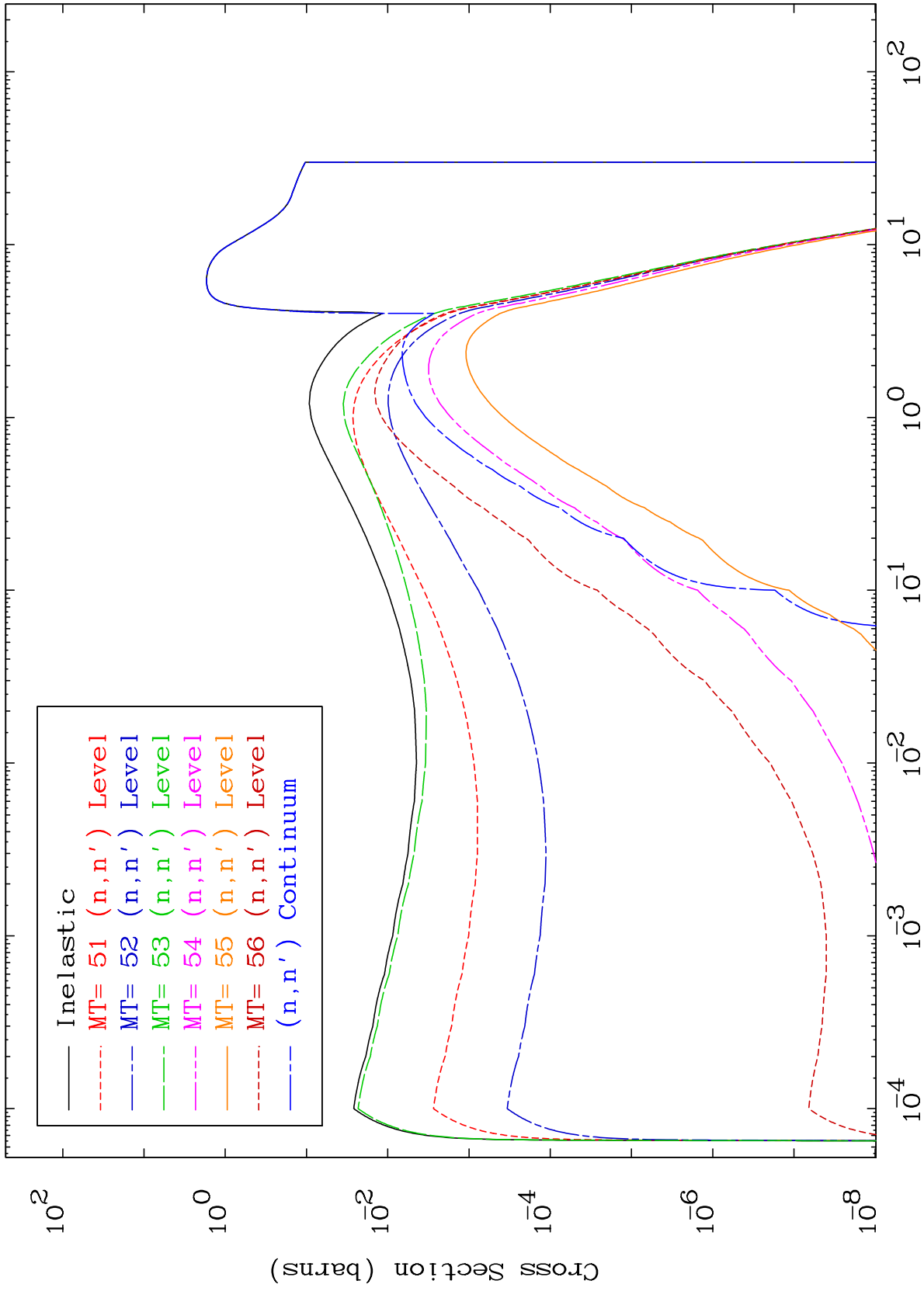
57-La-128



MAT 5696

293 Kelvin Cross Sections
(n,n') Level

57-La-128



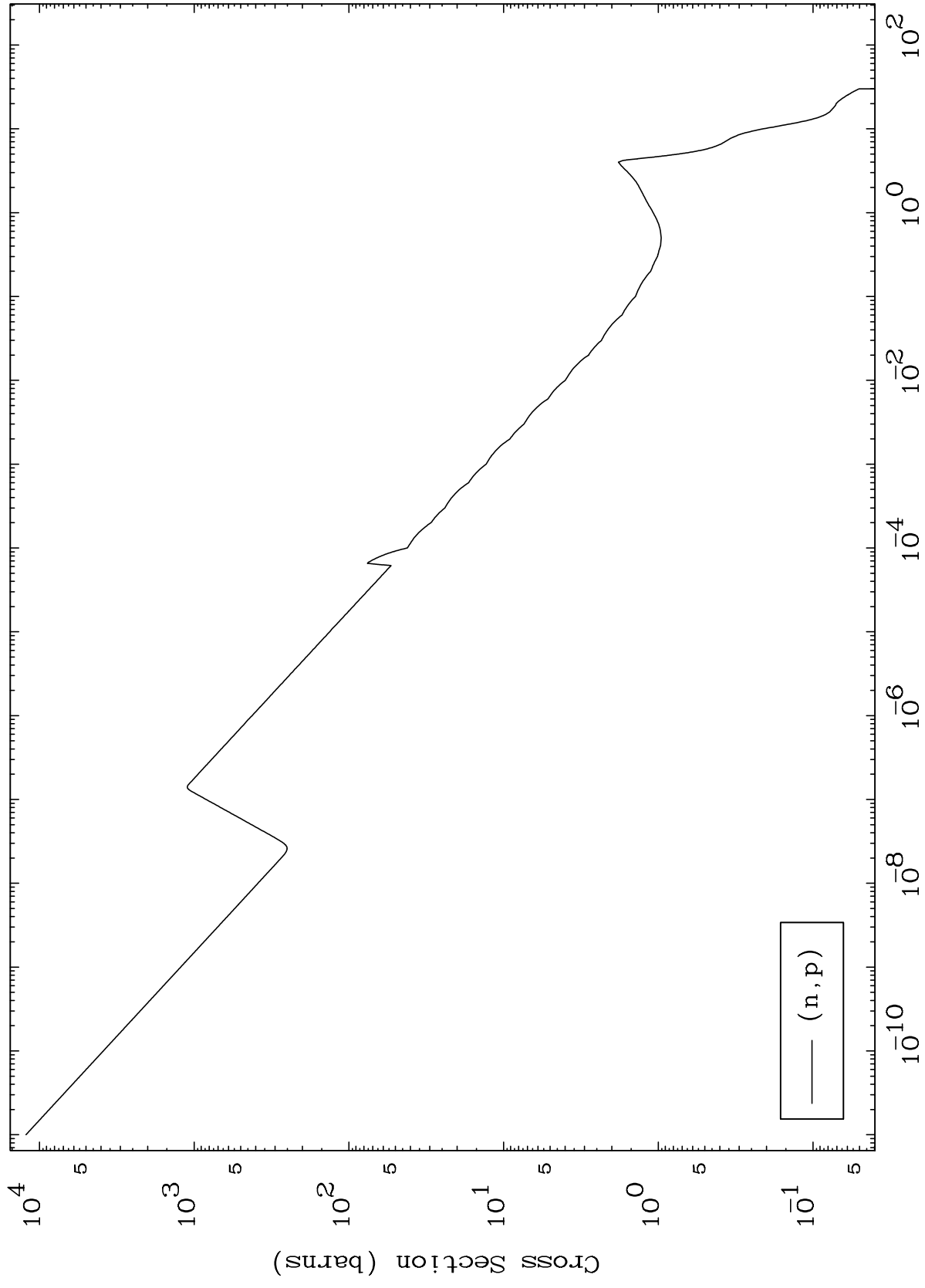
7

57-La-128

MAT 5696

(n,p) Levels
293 Kelvin Cross Sections

57-La-128

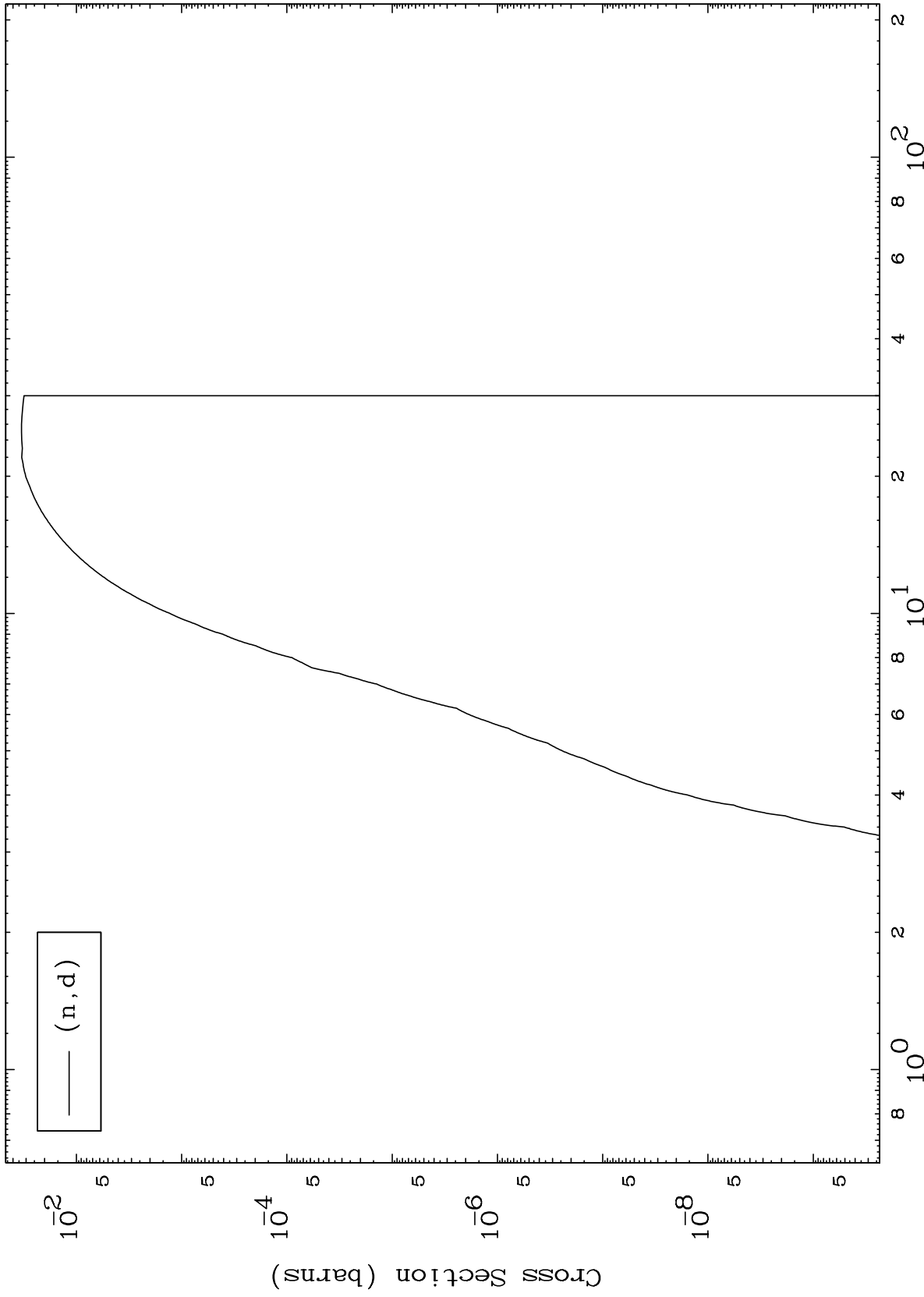


57-La-128

MAT 5696

(n,d) Levels
293 Kelvin Cross Sections

57-La-128



9

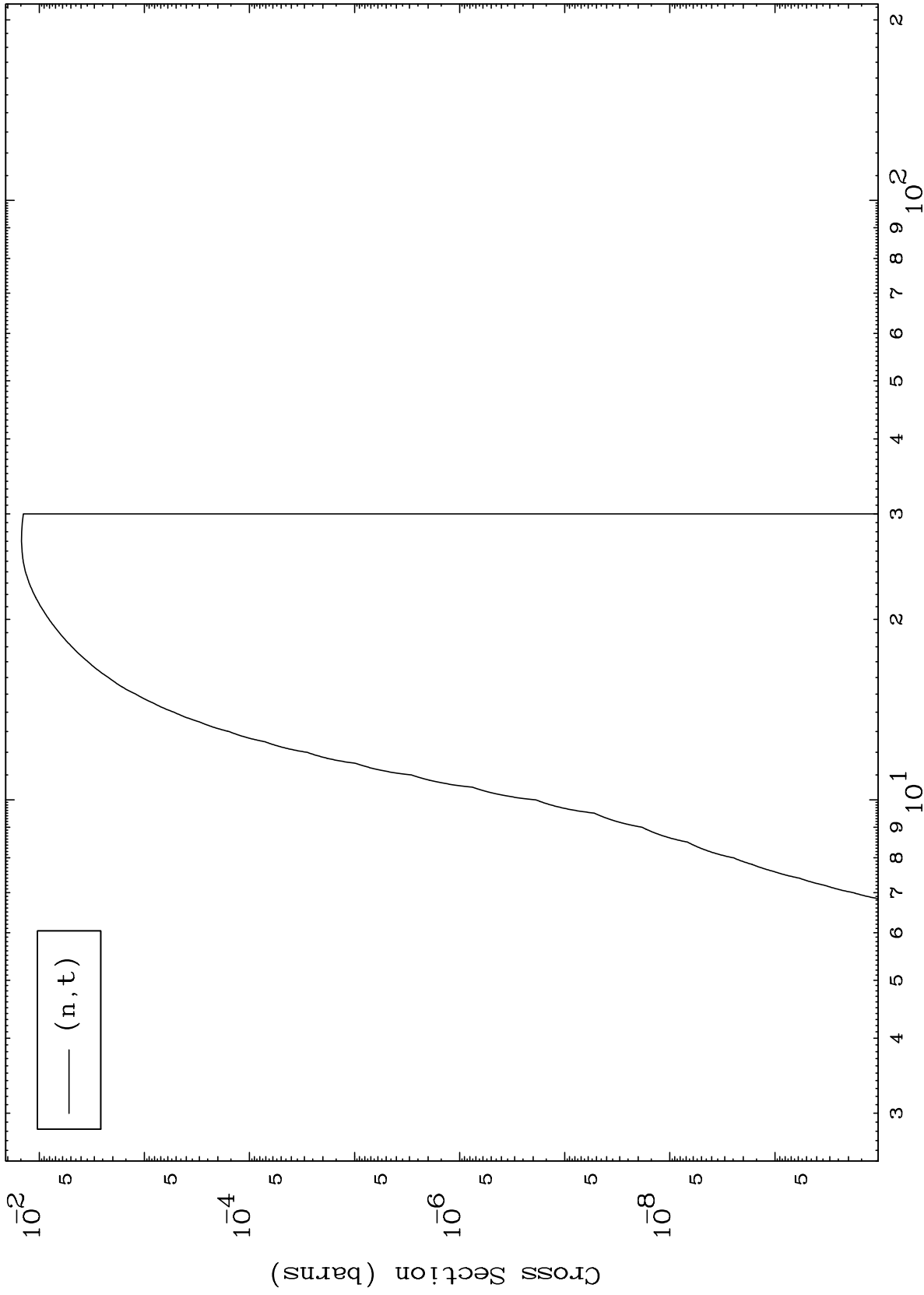
Incident Energy (MeV)

57-La-128

MAT 5696

(n,t) Levels
293 Kelvin Cross Sections

57-La-128



10

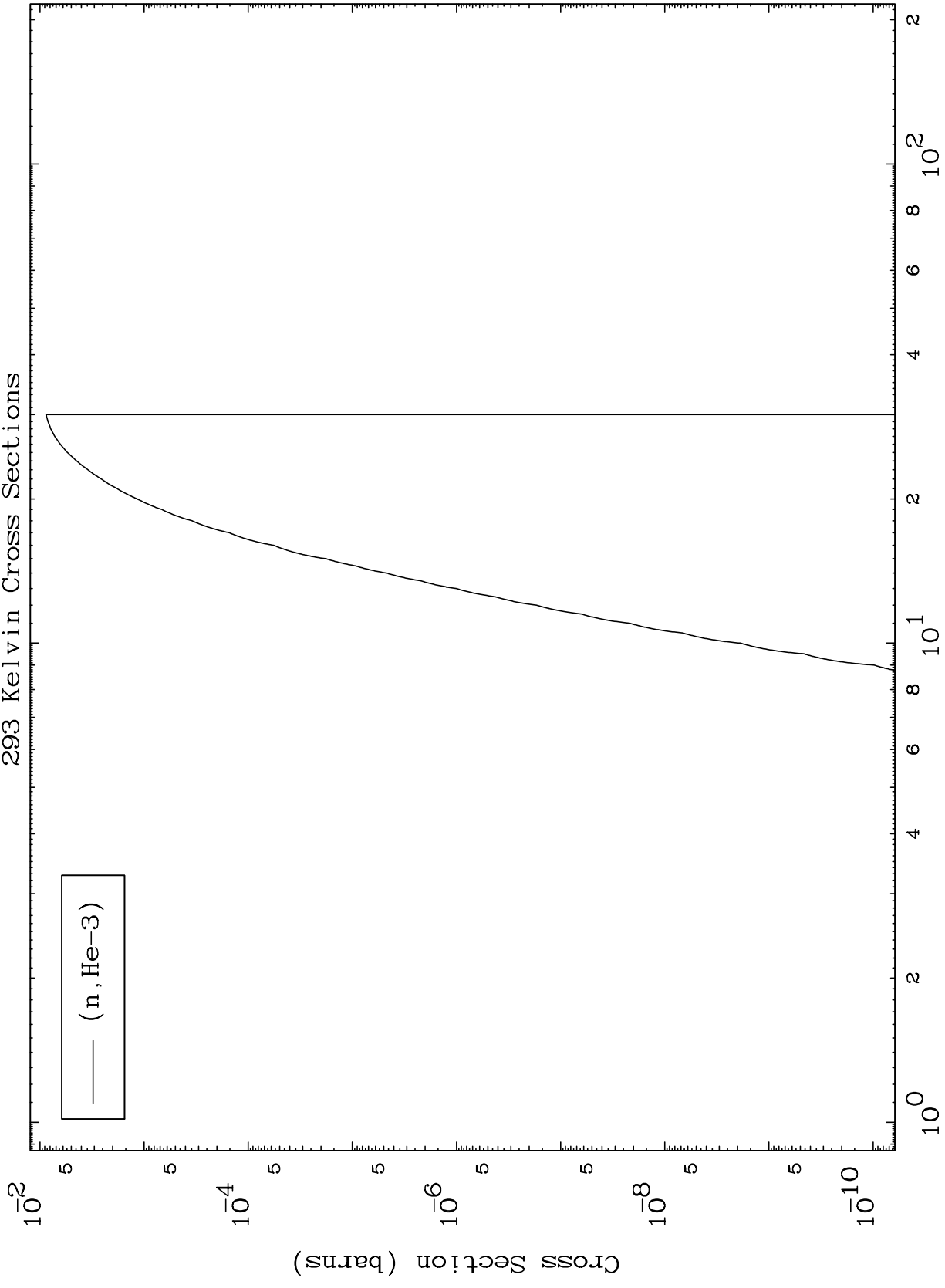
Incident Energy (MeV)

57-La-128

MAT 5696

(n,He3) Levels
293 Kelvin Cross Sections

57-La-128



11

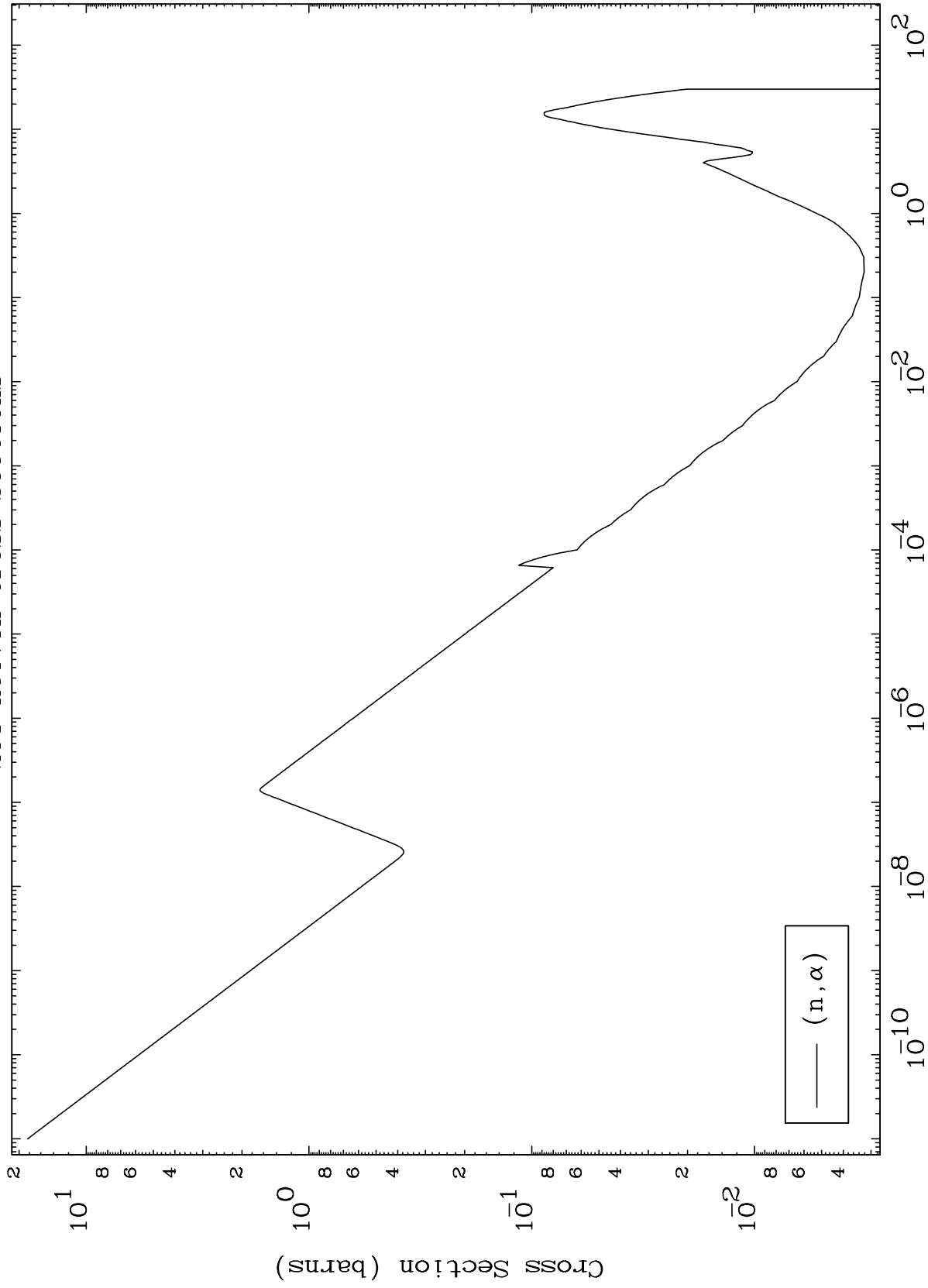
Incident Energy (MeV)

57-La-128

MAT 5696

(n,α) Levels
293 Kelvin Cross Sections

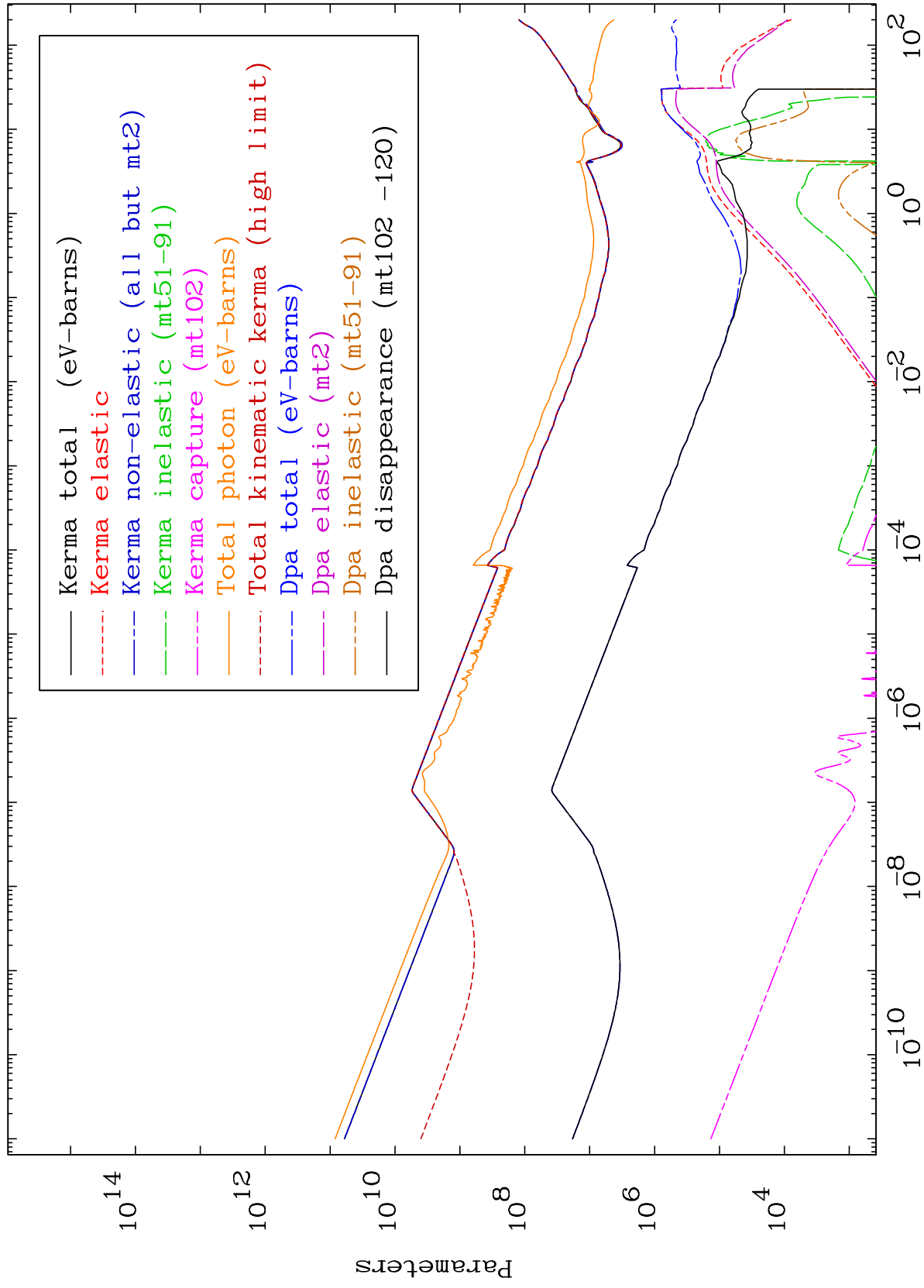
57-La-128



12

Incident Energy (MeV)

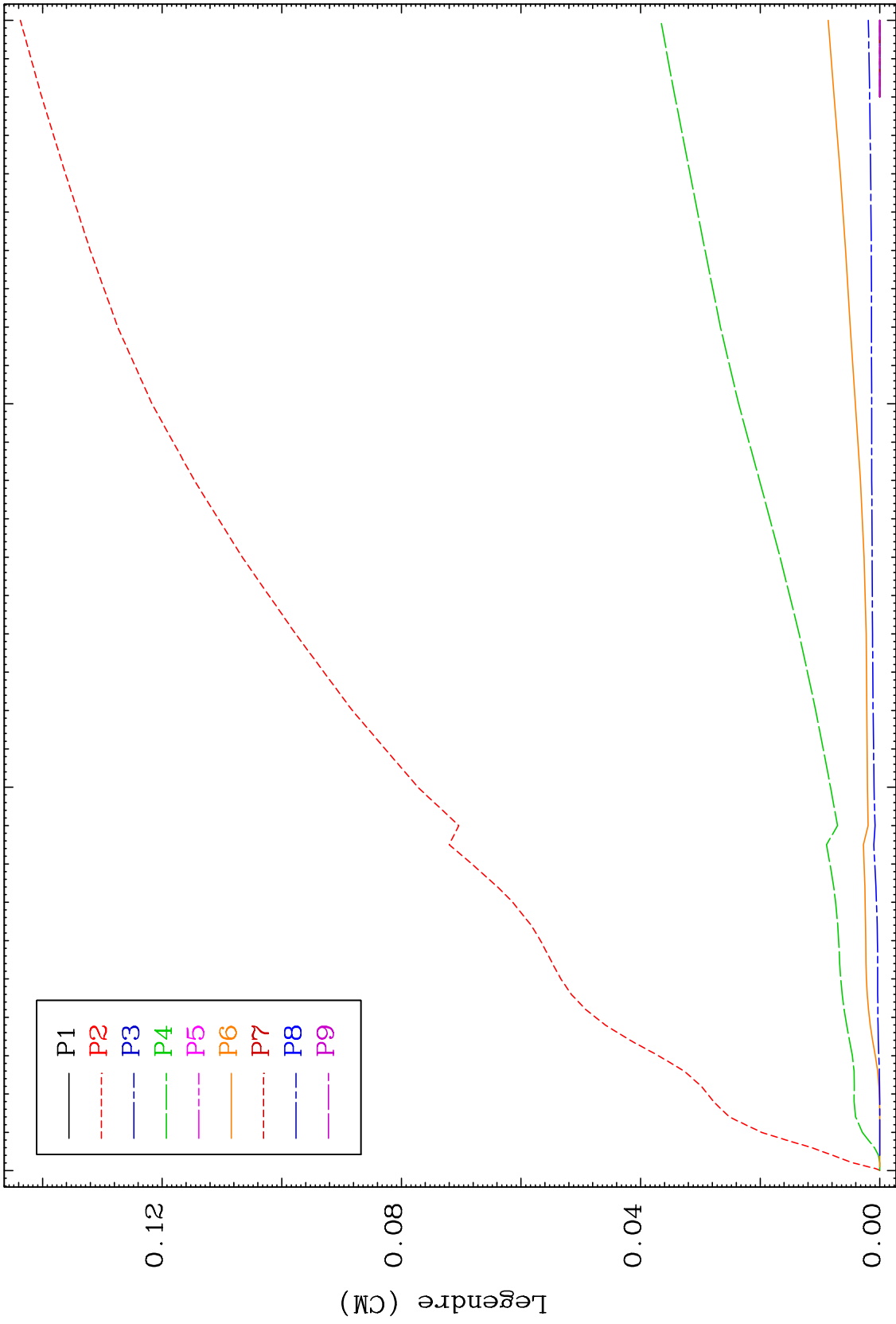
57-La-128



MAT 5696

Elastic Legendre Coefficients

57-La-128



14

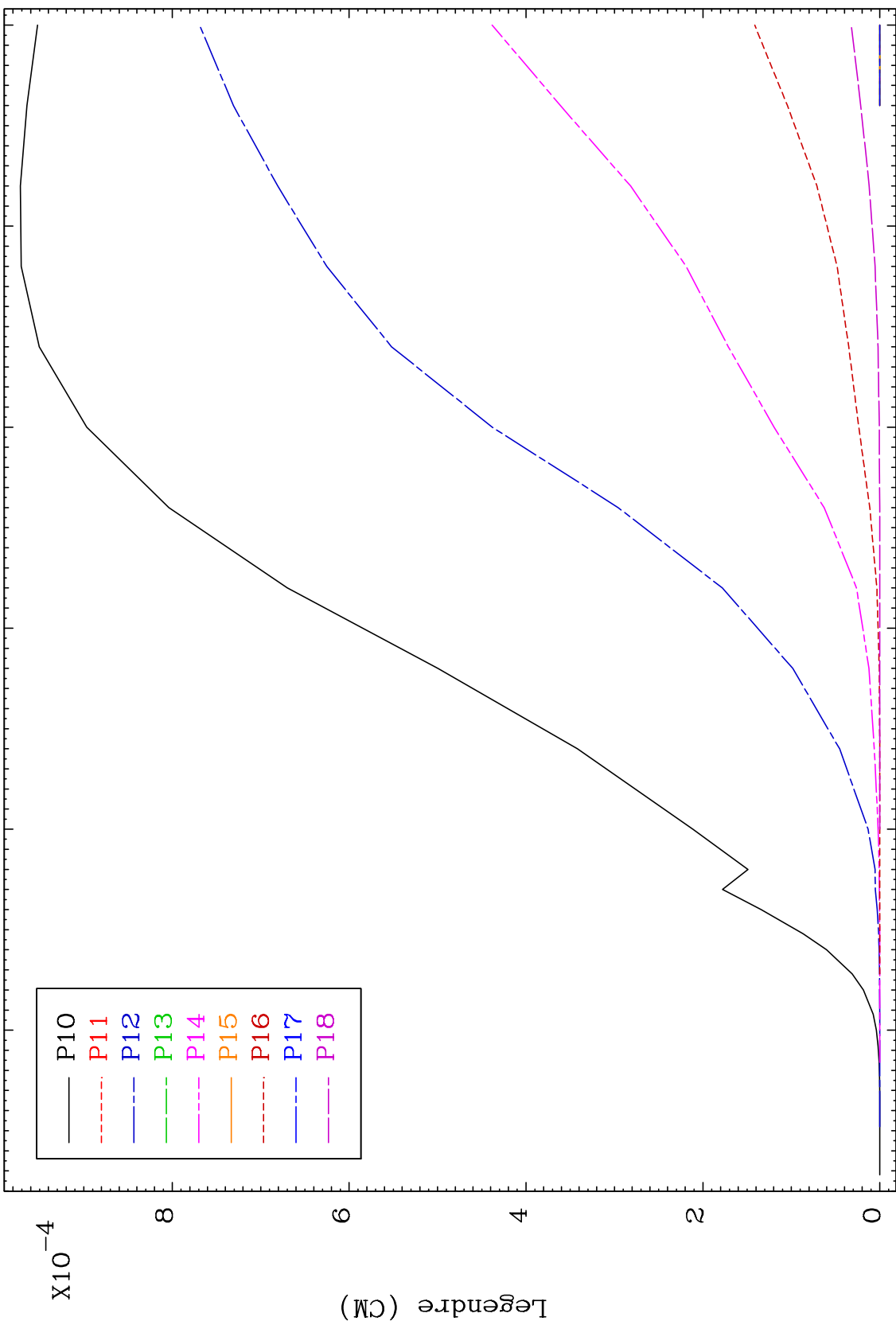
Incident Energy (MeV)

57-La-128

MAT 5696

Elastic Legendre Coefficients

57-La-128



15

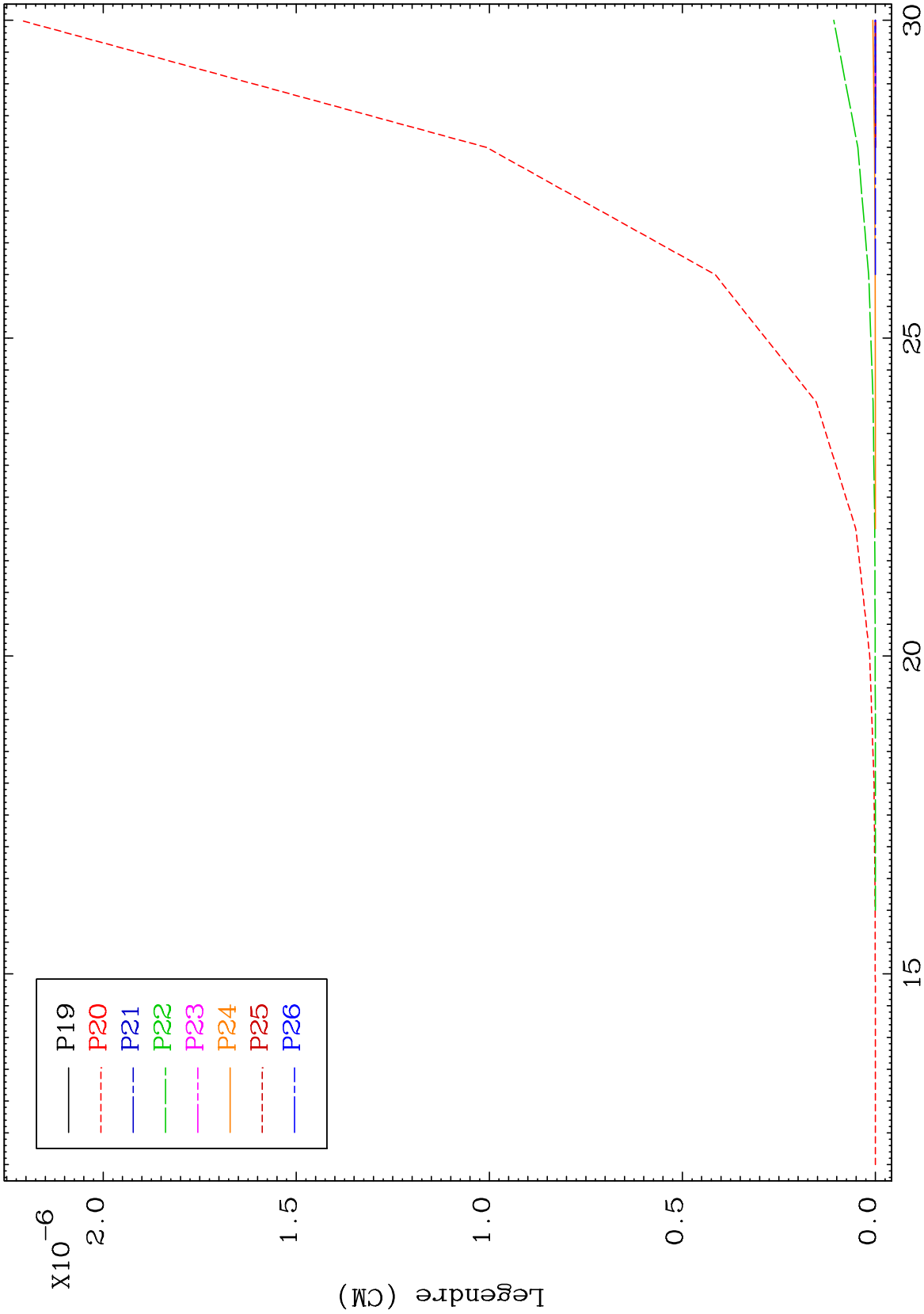
Incident Energy (MeV)

57-La-128

MAT 5696

Elastic Legendre Coefficients

57-La-128



16

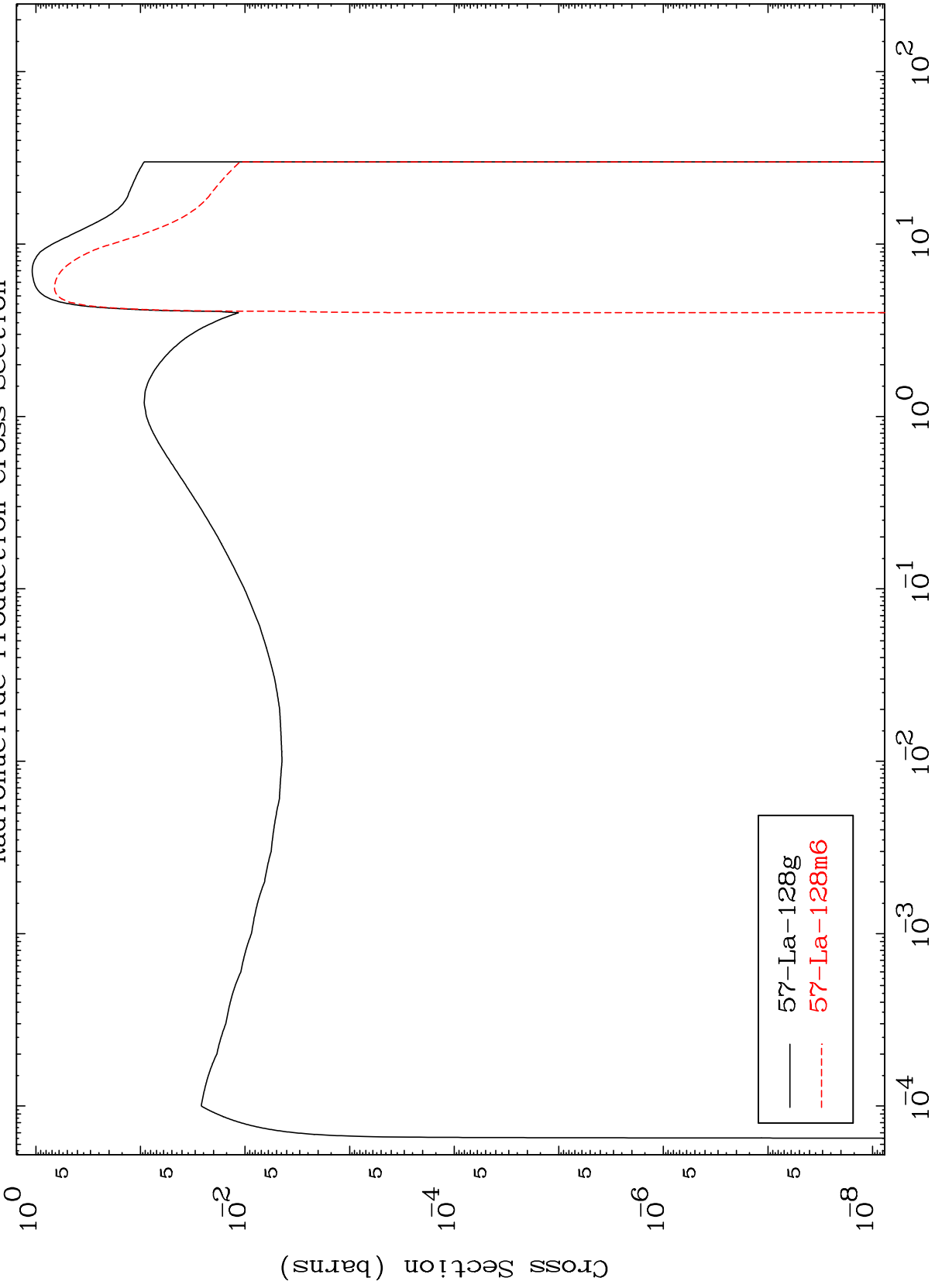
Incident Energy (MeV)

57-La-128

MAT 5696

57-La-128

Inelastic
Radionuclide Production Cross Section

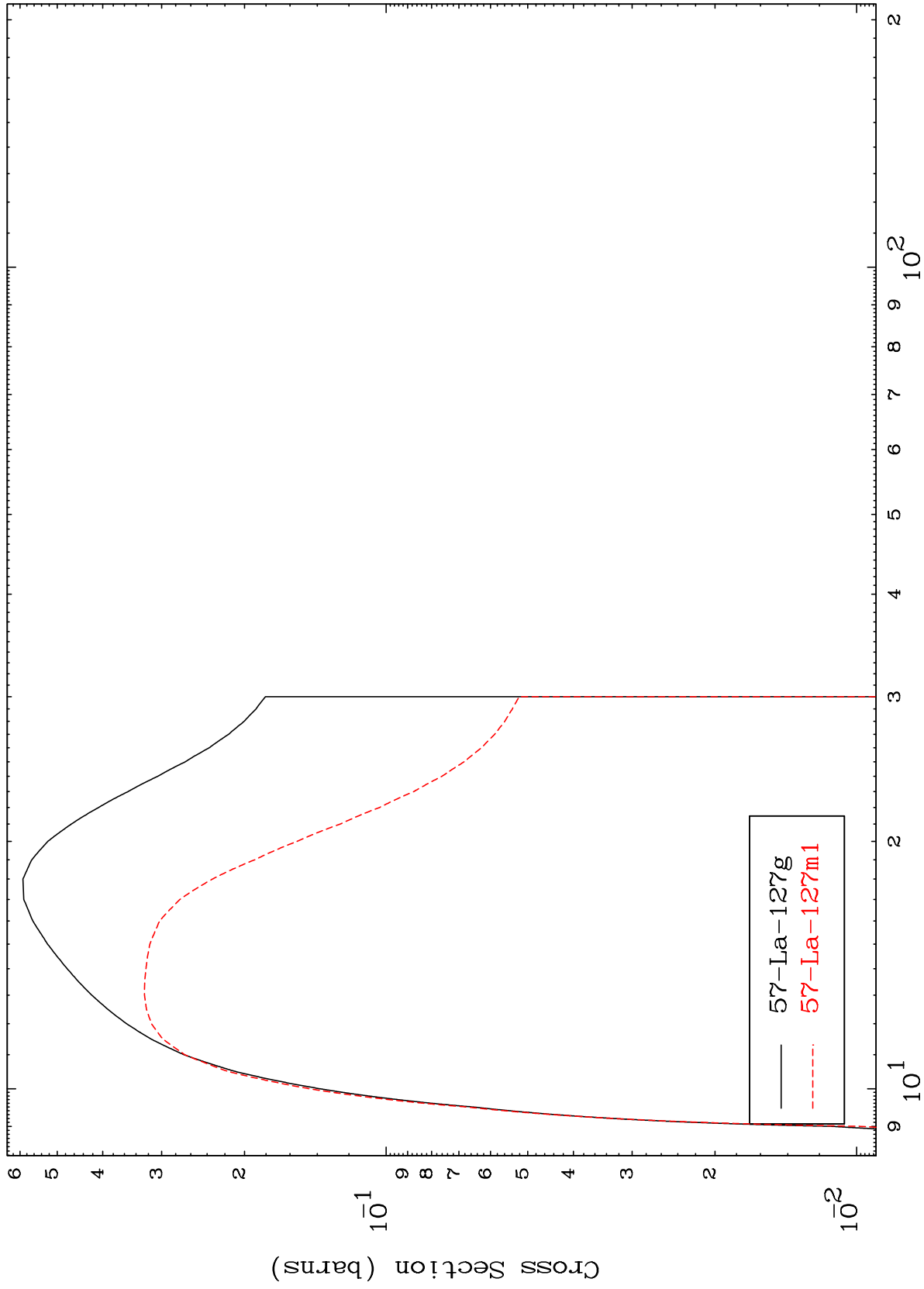


— 57-La-128g
- - - 57-La-128m6

MAT 5696

57-La-128

Radionuclide Production Cross Section
(n,2n)



18

Incident Energy (MeV)

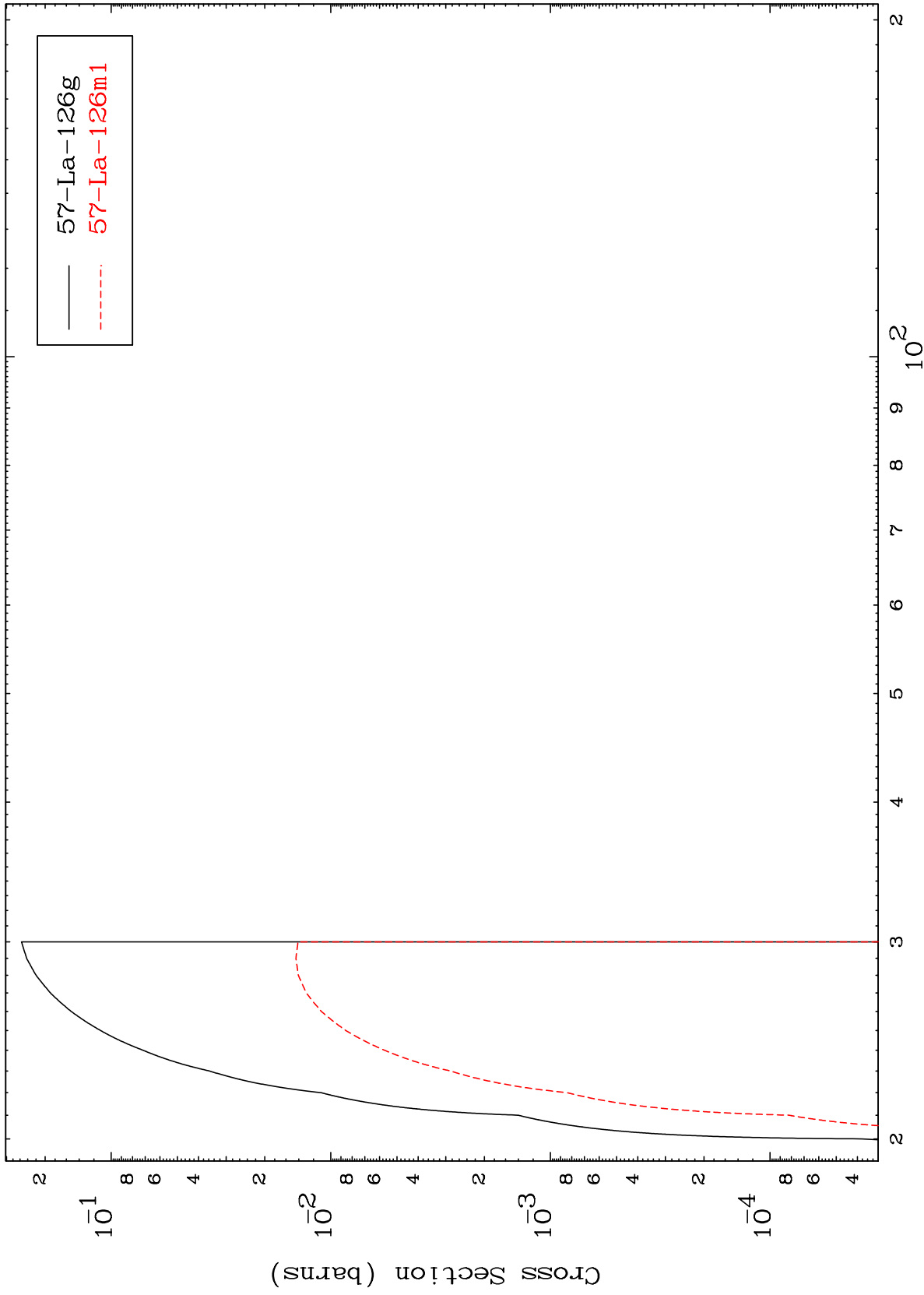
57-La-128

MAT 5696

(n,3n)

57-La-128

Radionuclide Production Cross Section



19

Incident Energy (MeV)

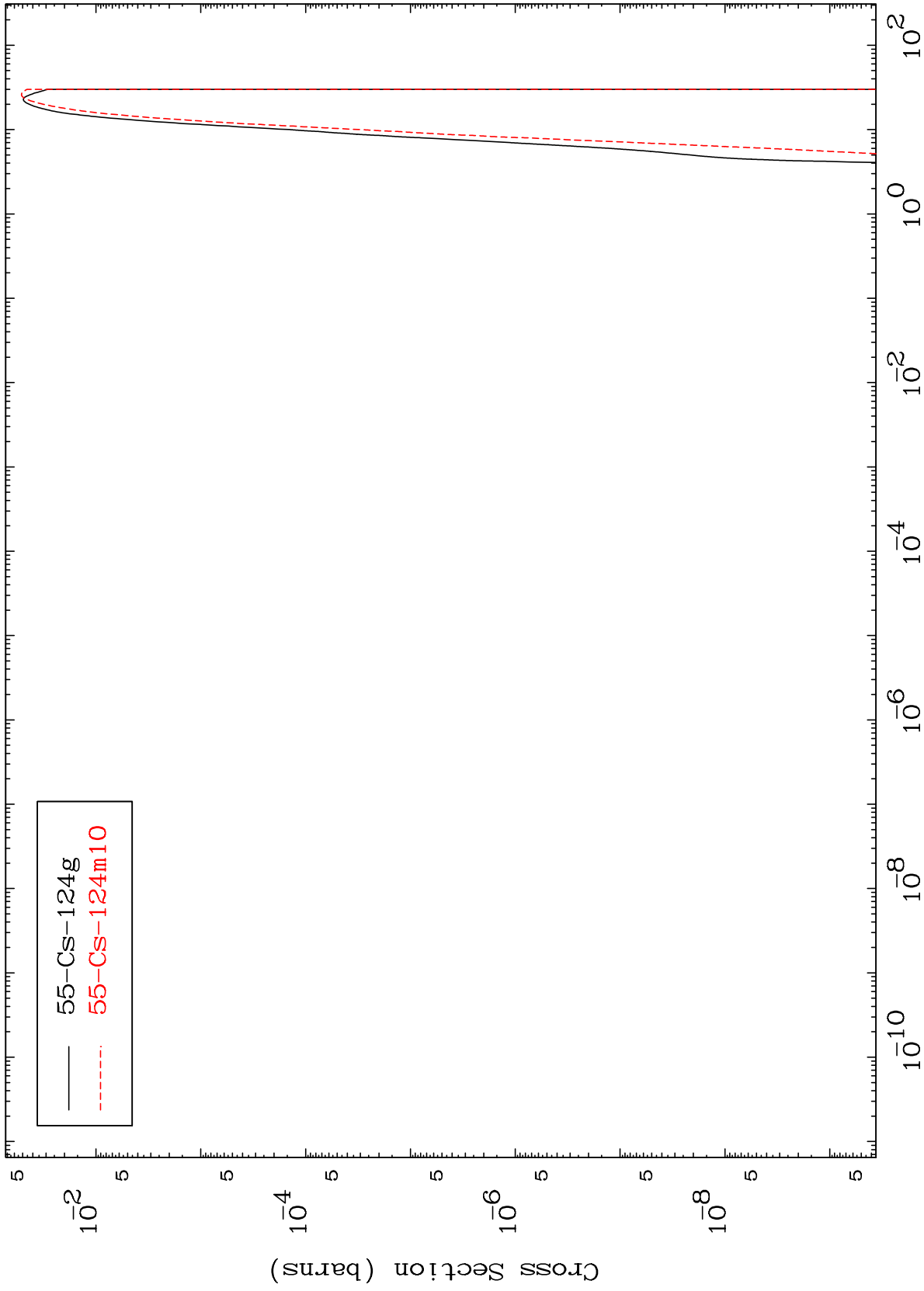
57-La-128

MAT 5696

(n,n') α

57-La-128

Radionuclide Production Cross Section



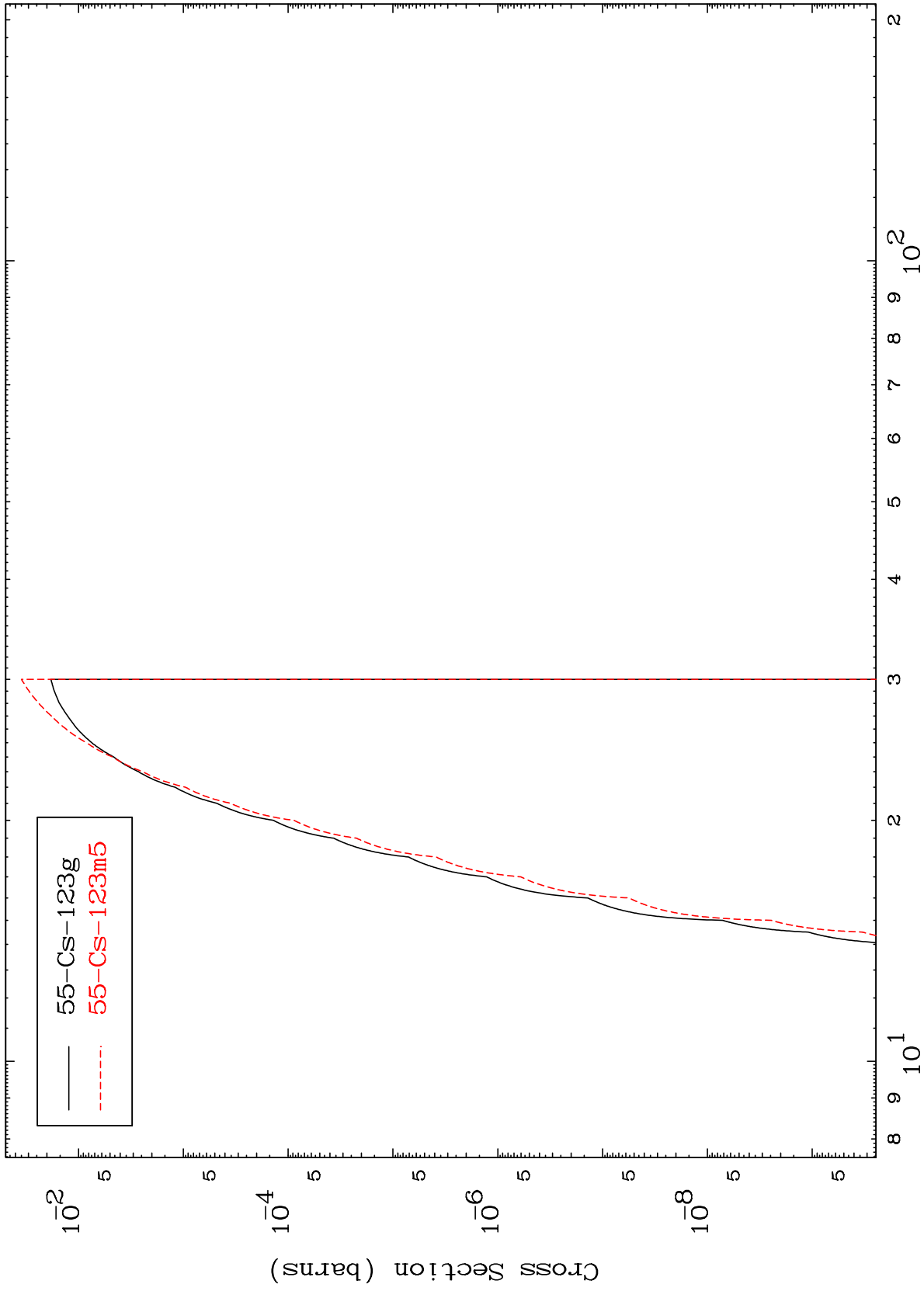
55-Cs-124g
55-Cs-124m10

MAT 5696

(n,2n) α

57-La-128

Radionuclide Production Cross Section



21

Incident Energy (MeV)

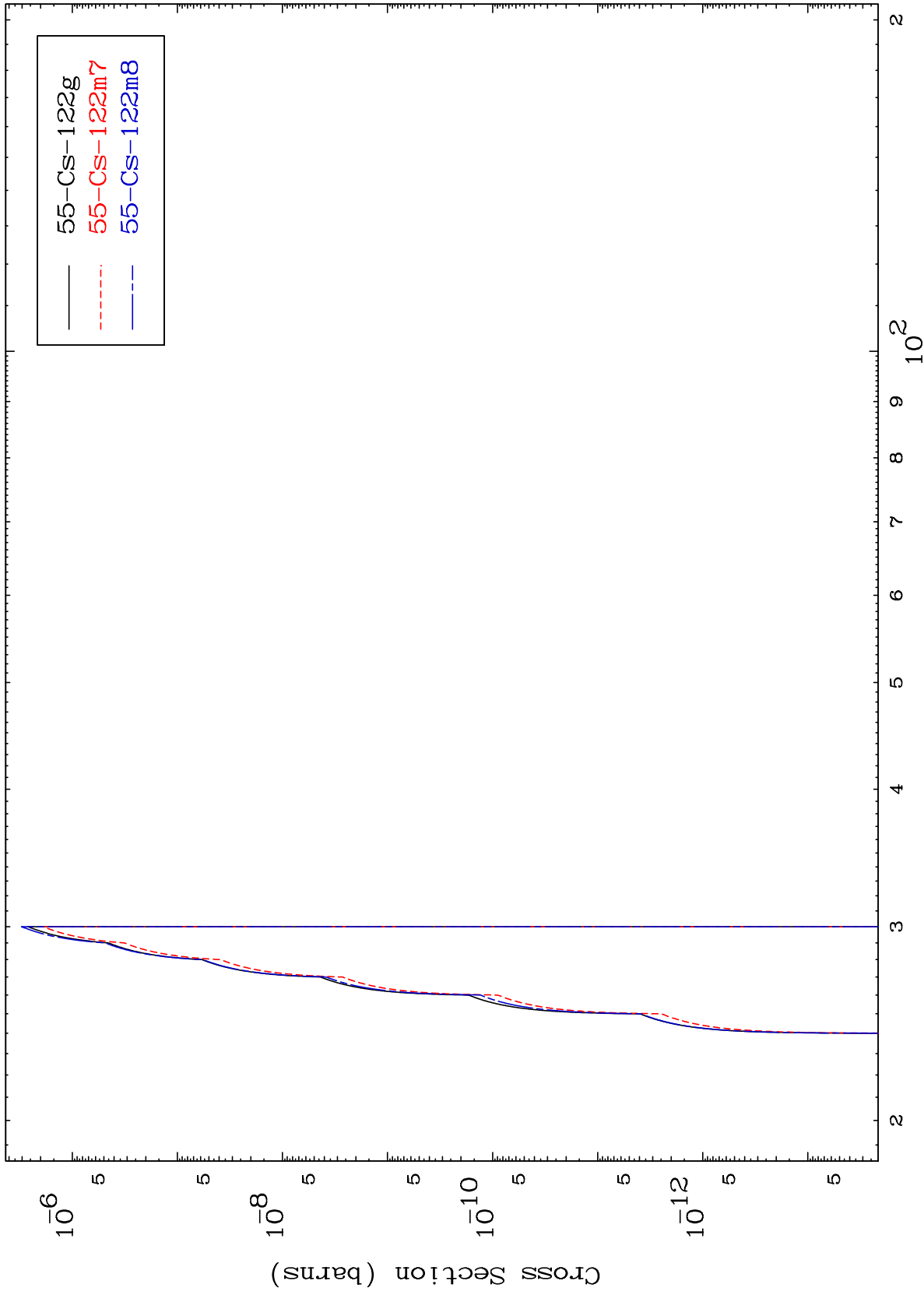
57-La-128

MAT 5696

(n,3n) α

57-La-128

Radionuclide Production Cross Section



22

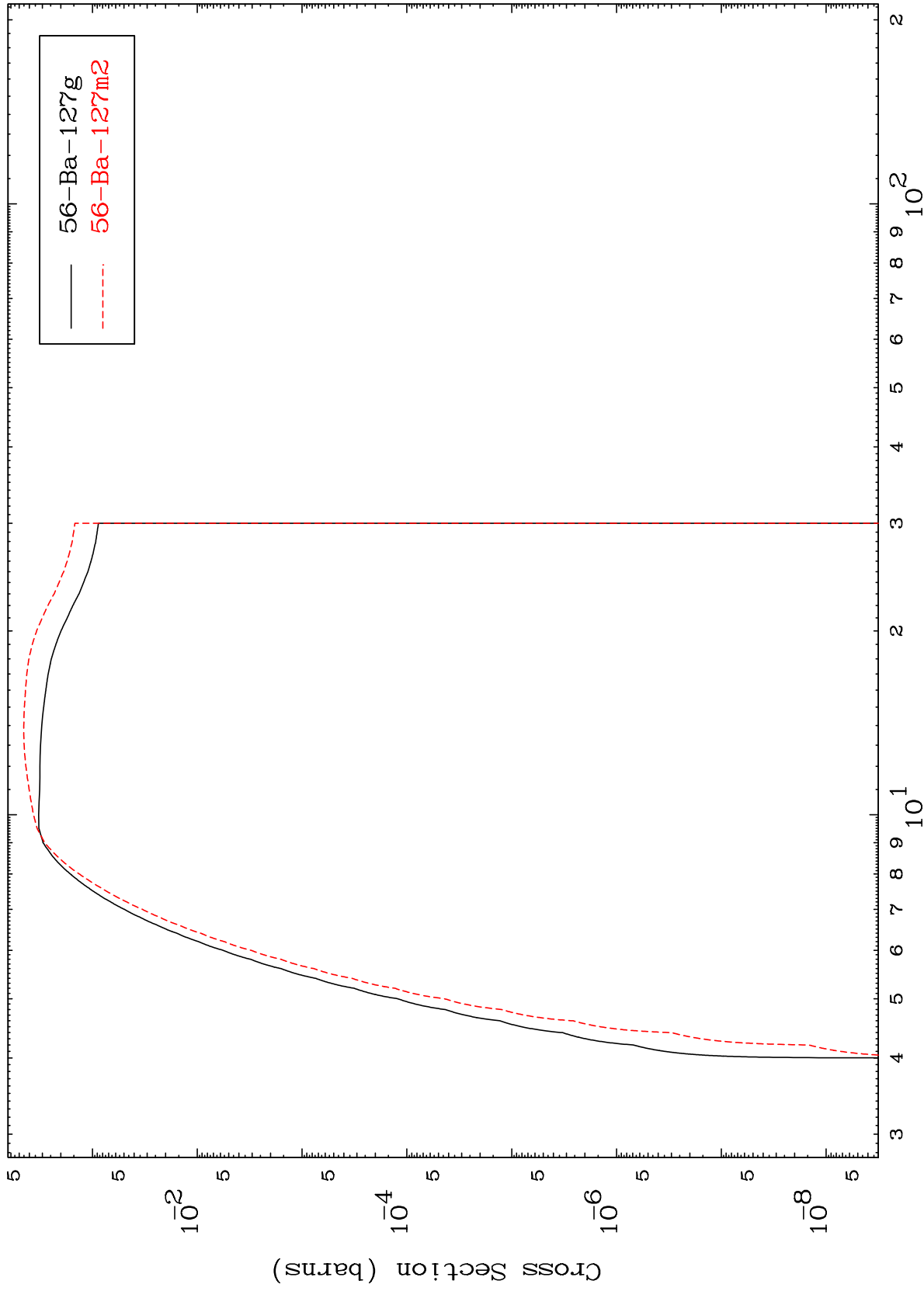
Incident Energy (MeV)

57-La-128

MAT 5696

57-La-128

(n,n') p
Radionuclide Production Cross Section



23

Incident Energy (MeV)

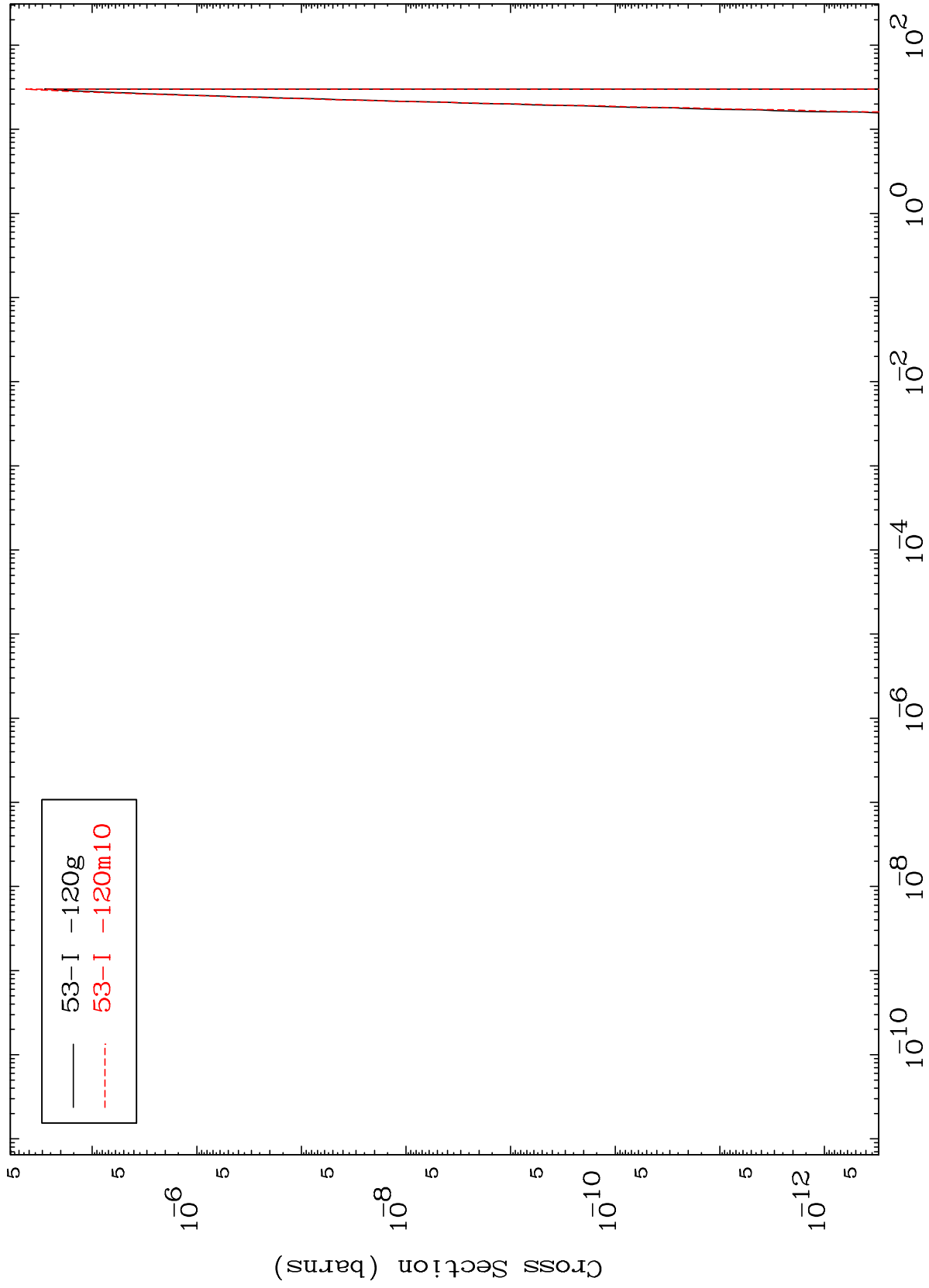
57-La-128

MAT 5696

(n,n') 2α

57-La-128

Radionuclide Production Cross Section



24

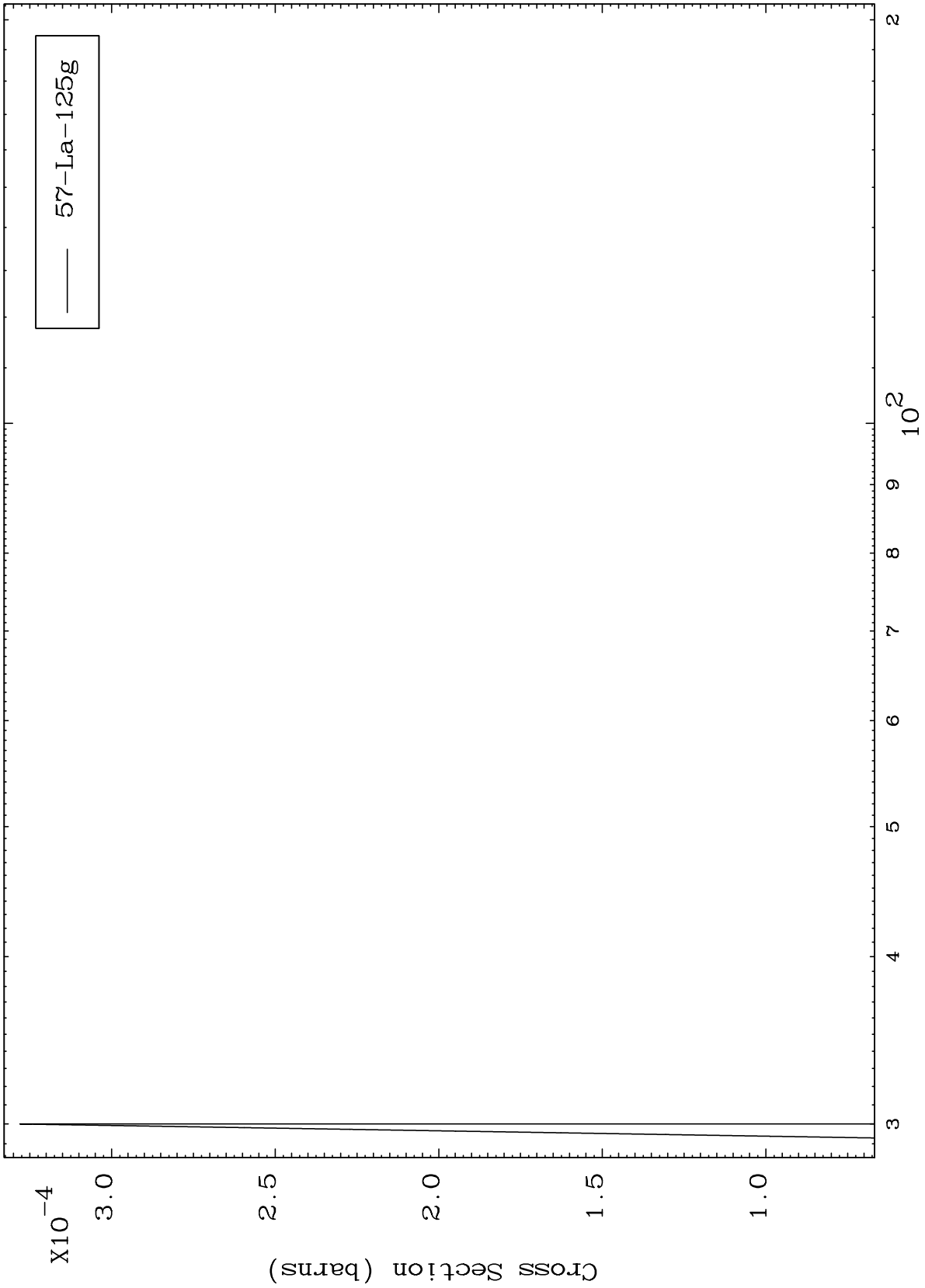
Incident Energy (MeV)

57-La-128

MAT 5696

57-La-128

(n,4n)
Radionuclide Production Cross Section



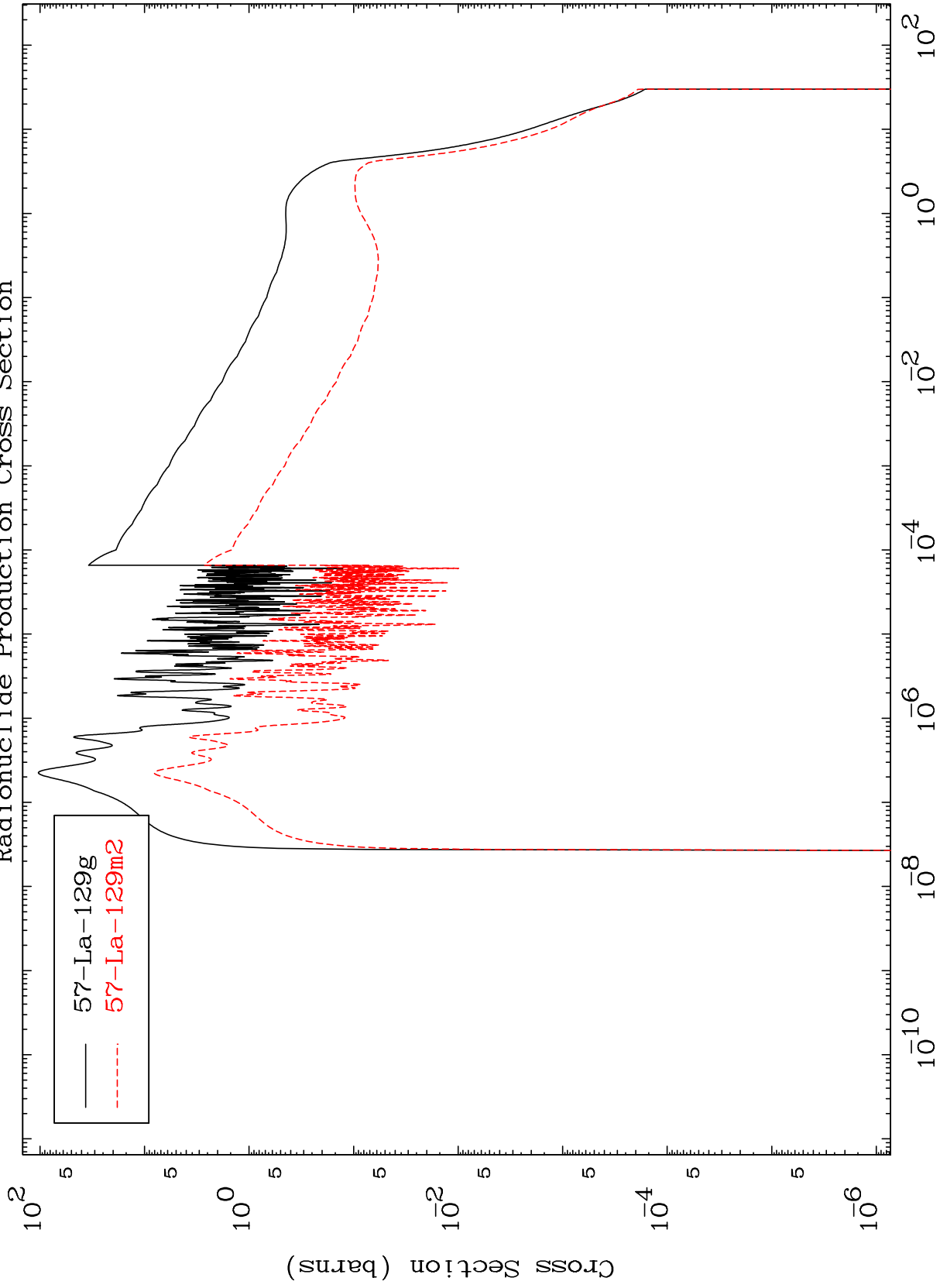
25

57-La-128

MAT 5696

57-La-128

(n, γ)
Radionuclide Production Cross Section



26

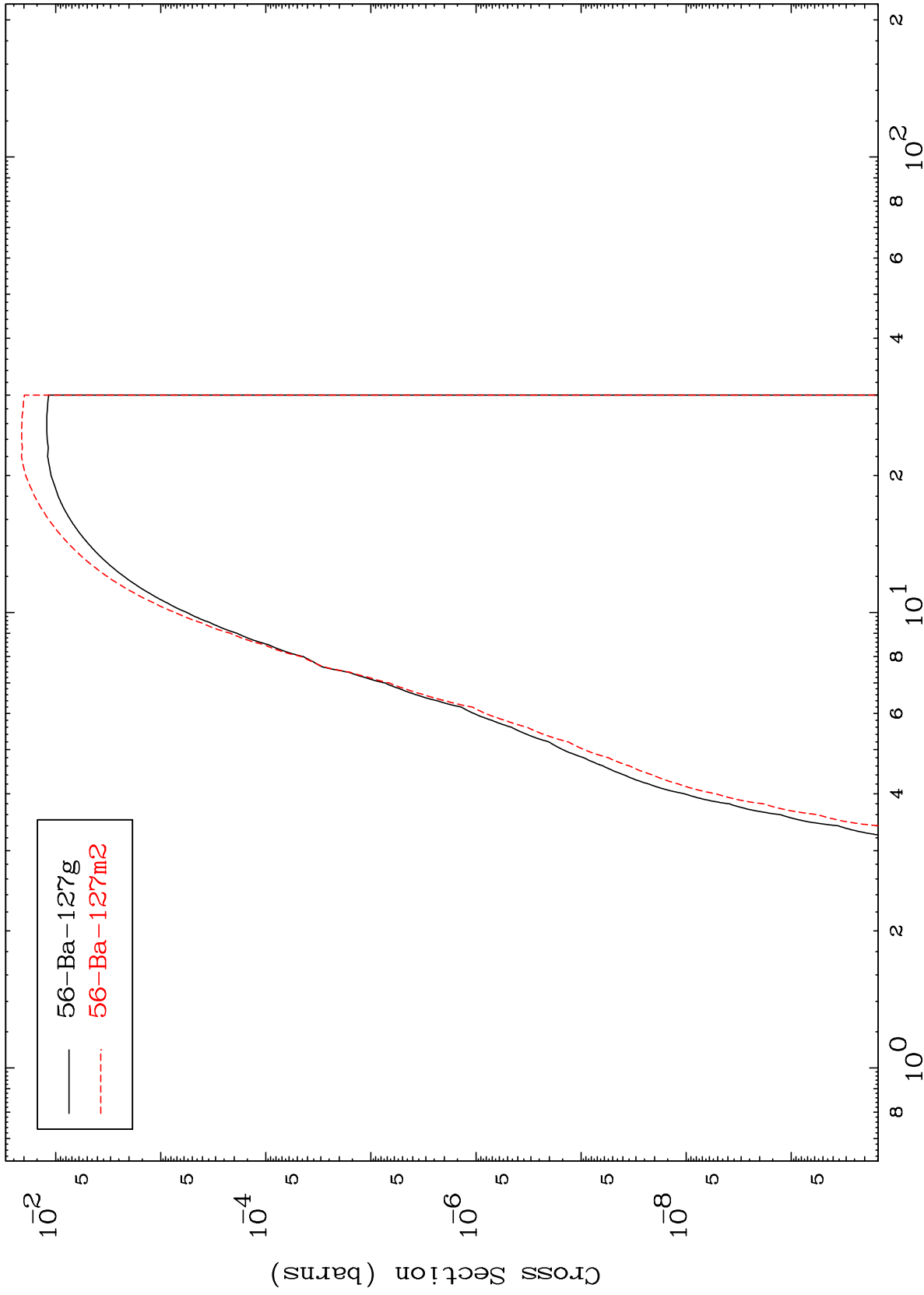
57-La-128

MAT 5696

(n,d)

57-La-128

Radionuclide Production Cross Section



27

Incident Energy (MeV)

57-La-128