

Program EVALPLOT
(Version 2017-1)

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

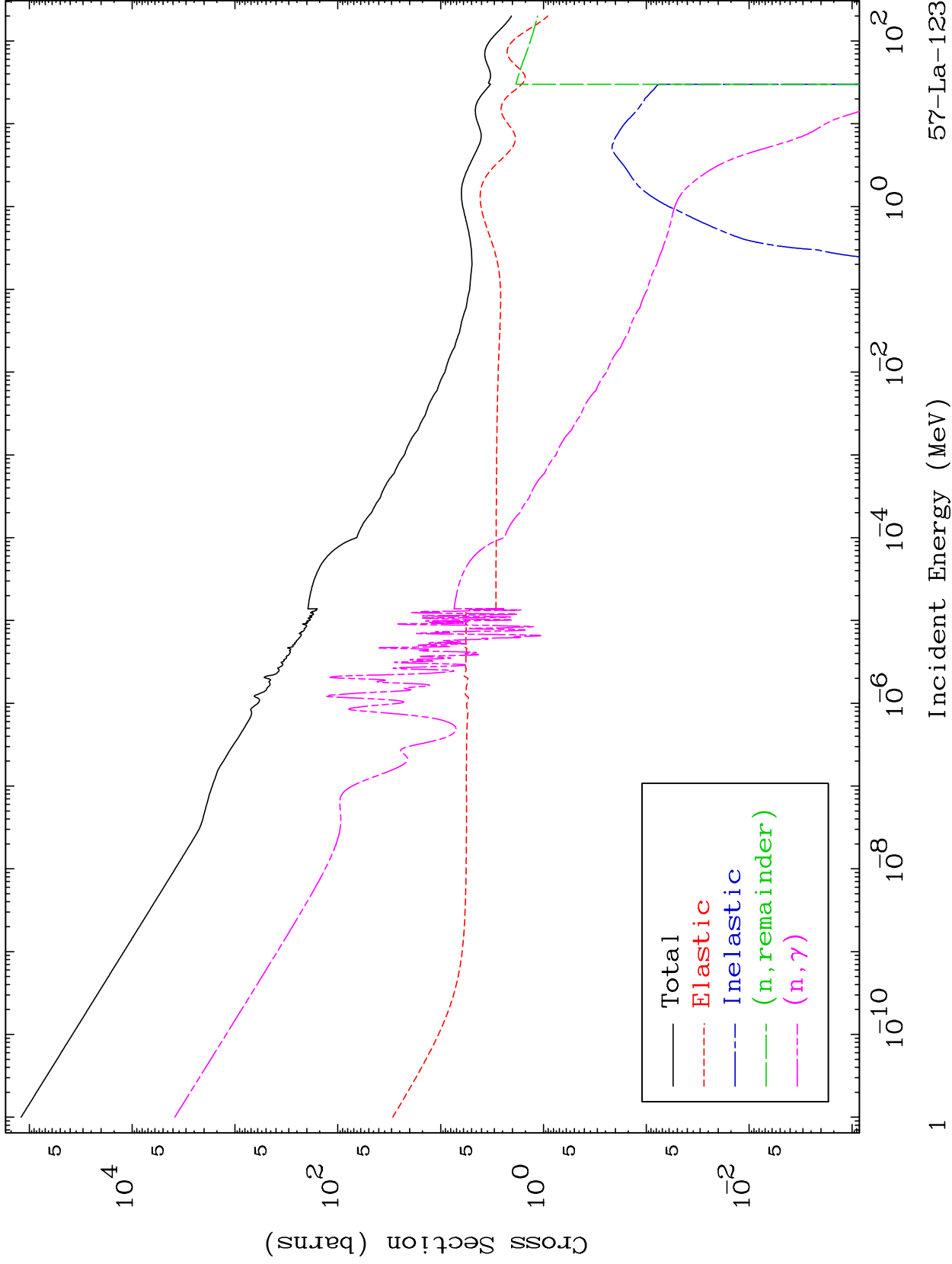
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5680

Major
293 Kelvin Cross Sections

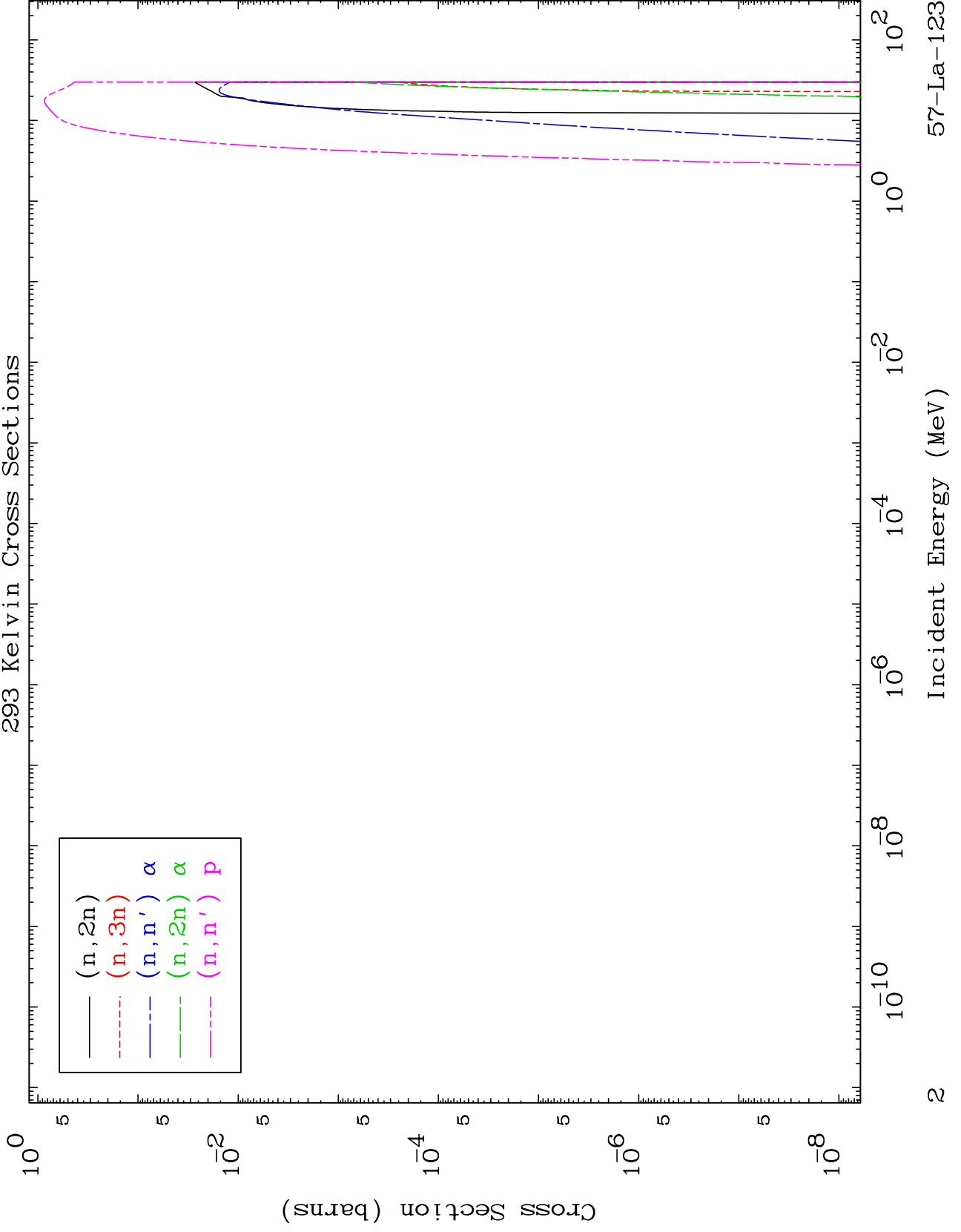
57-La-123



MAT 5680

Neutron Production
293 Kelvin Cross Sections

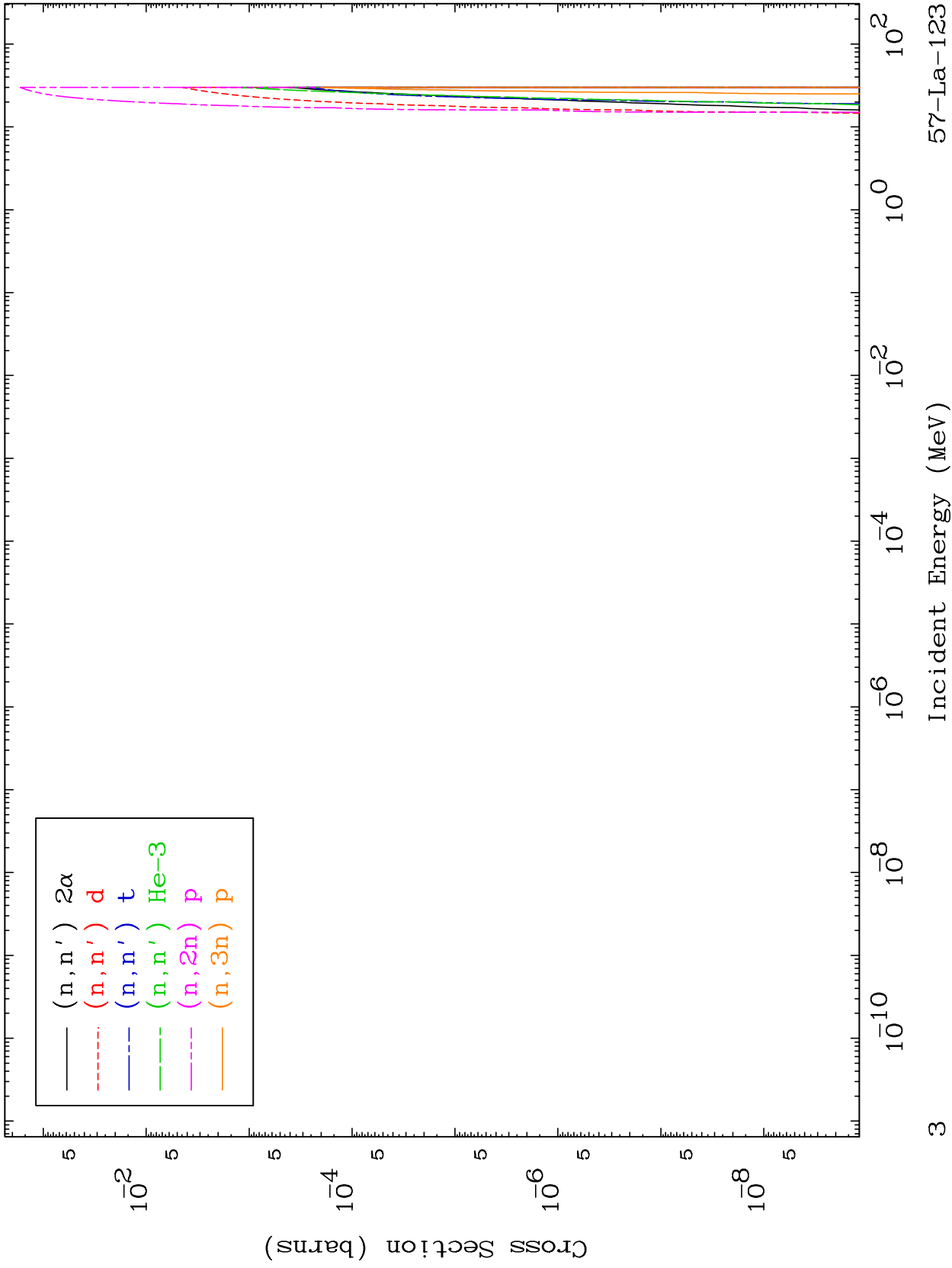
57-La-123



MAT 5680

Neutron Production
293 Kelvin Cross Sections

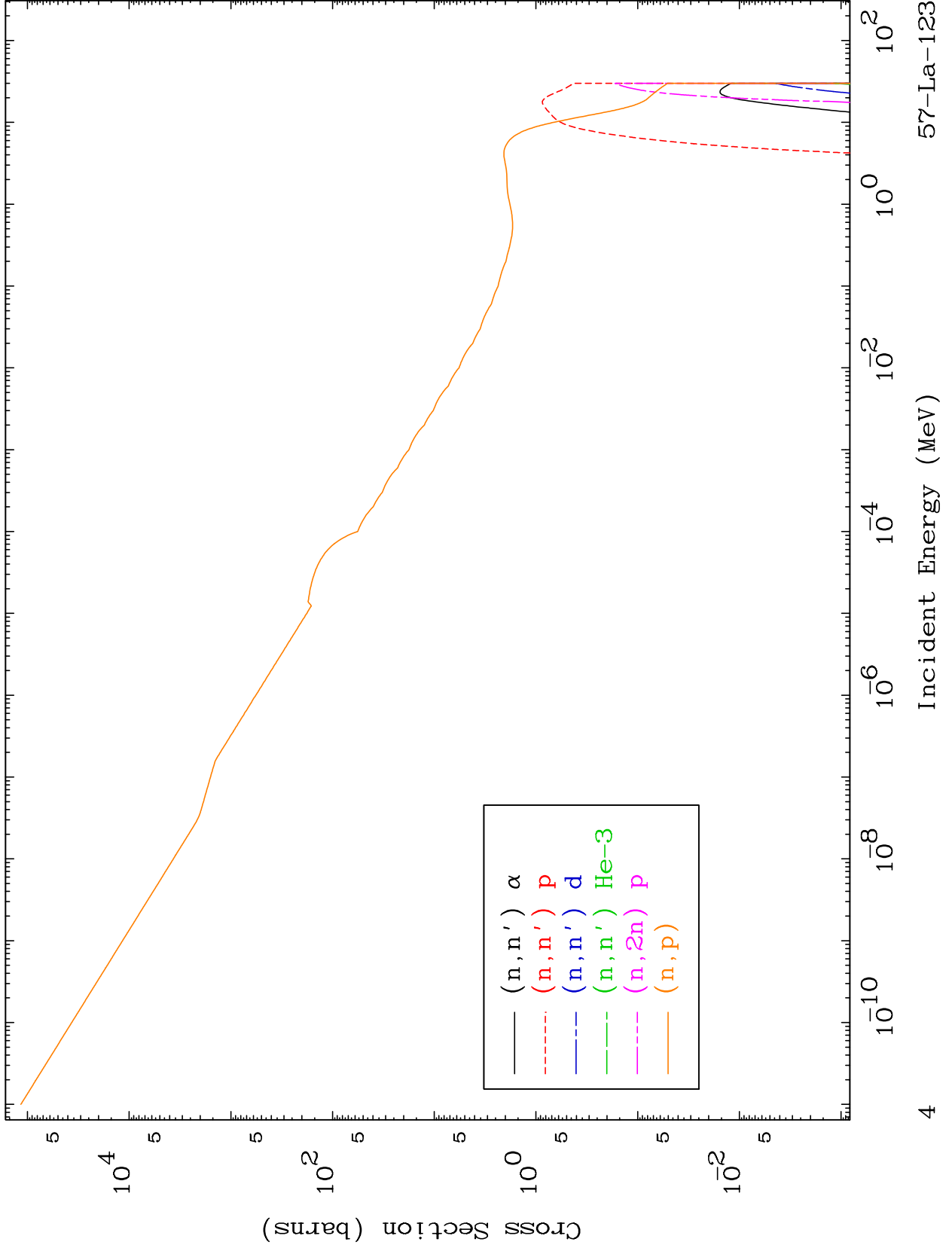
57-La-123



MAT 5680

Charged Particle
293 Kelvin Cross Sections

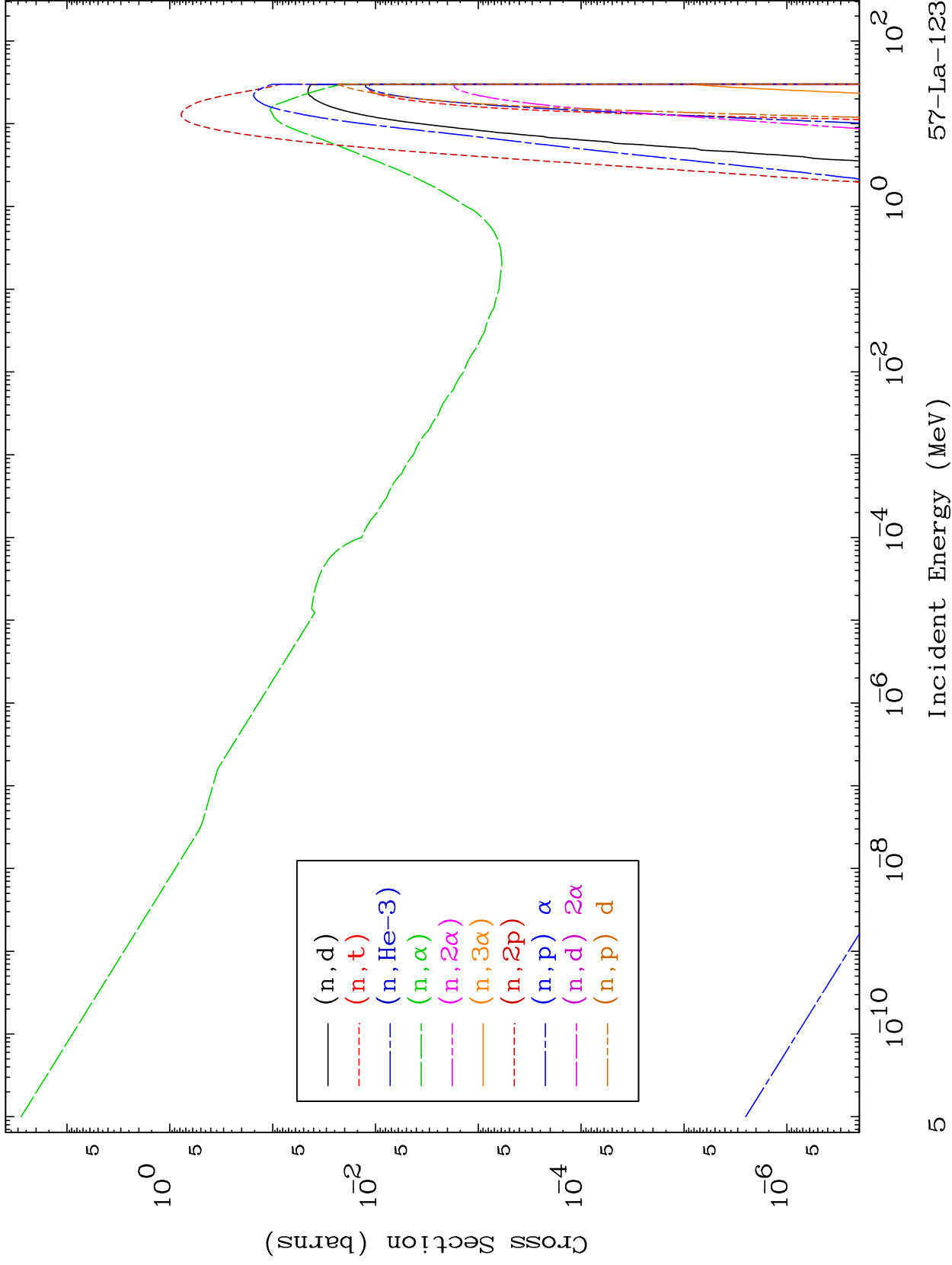
57-La-123



MAT 5680

Charged Particle
293 Kelvin Cross Sections

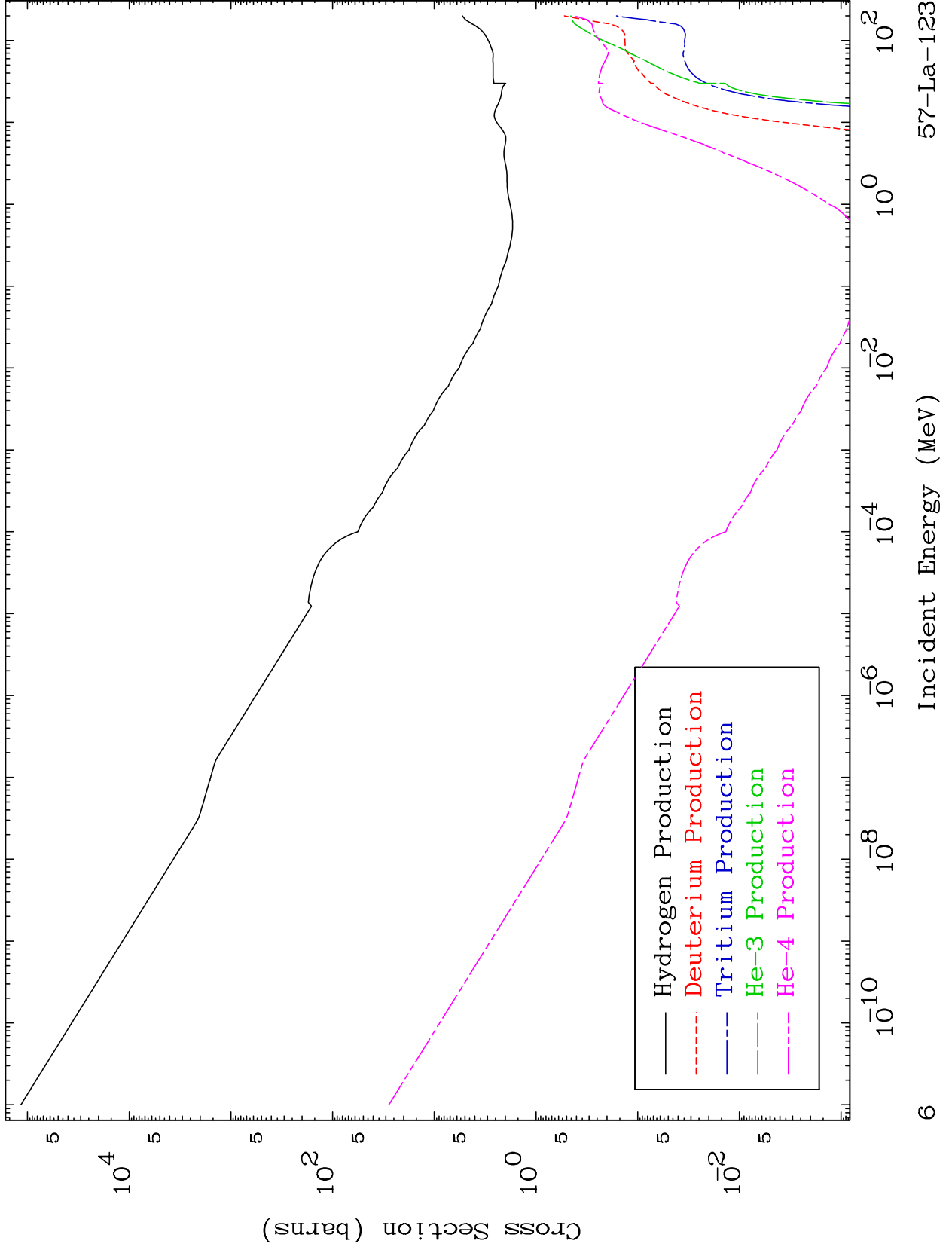
57-La-123



MAT 5680

Particle Production
293 Kelvin Cross Sections

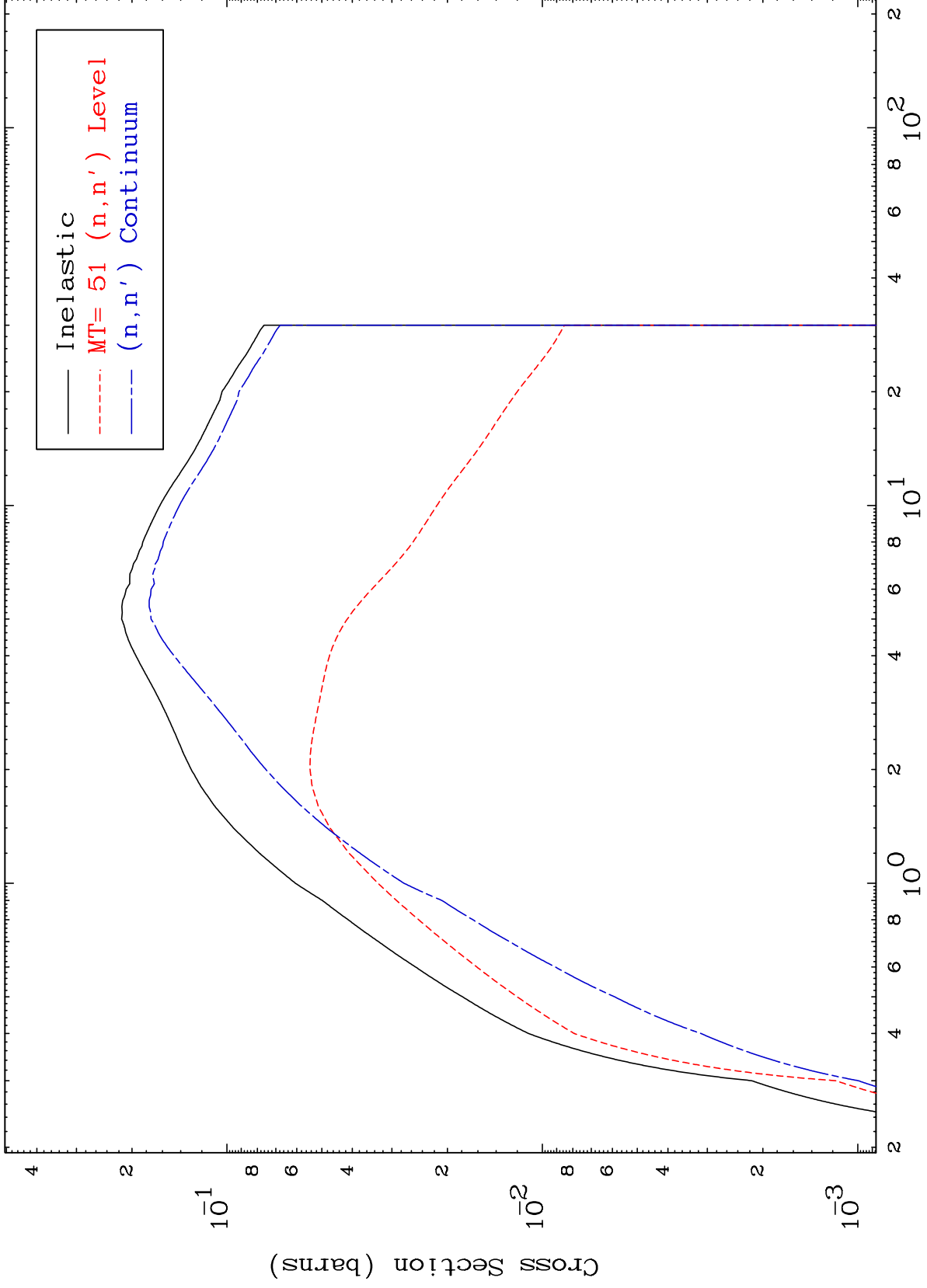
57-La-123



MAT 5680

(n,n') Level
293 Kelvin Cross Sections

57-La-123



7

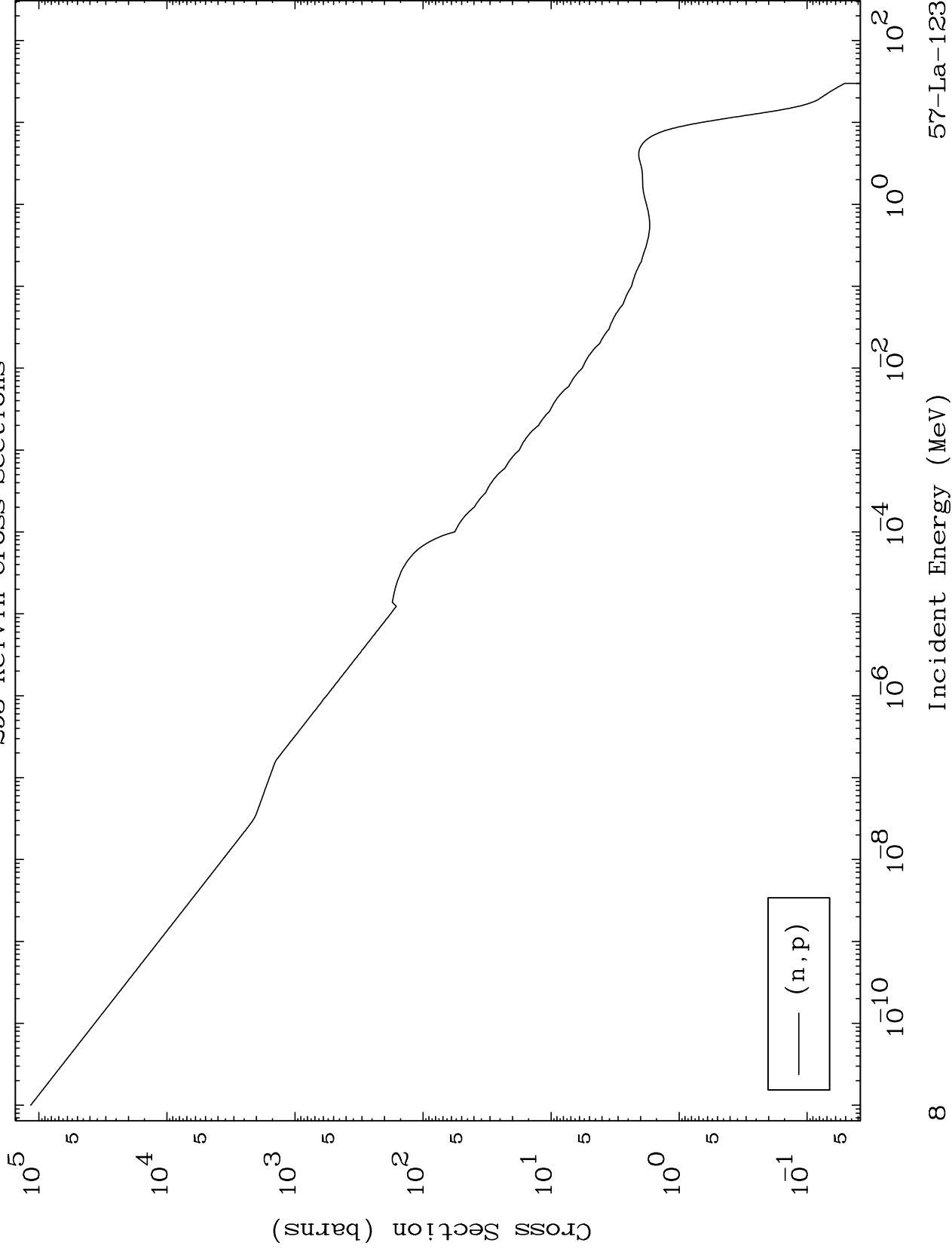
Incident Energy (MeV)

57-La-123

MAT 5680

(n,p) Levels
293 Kelvin Cross Sections

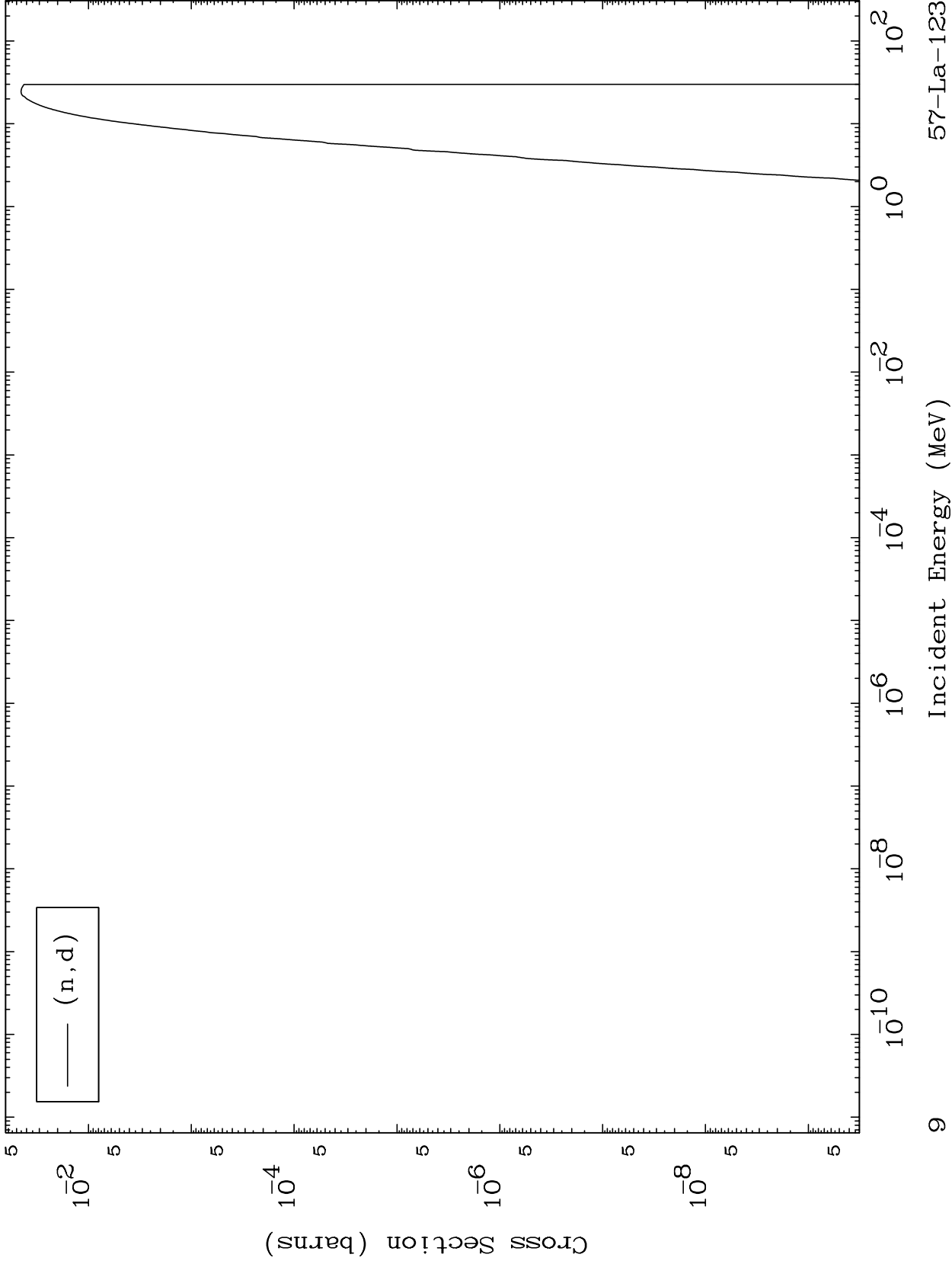
57-La-123



MAT 5680

(n,d) Levels
293 Kelvin Cross Sections

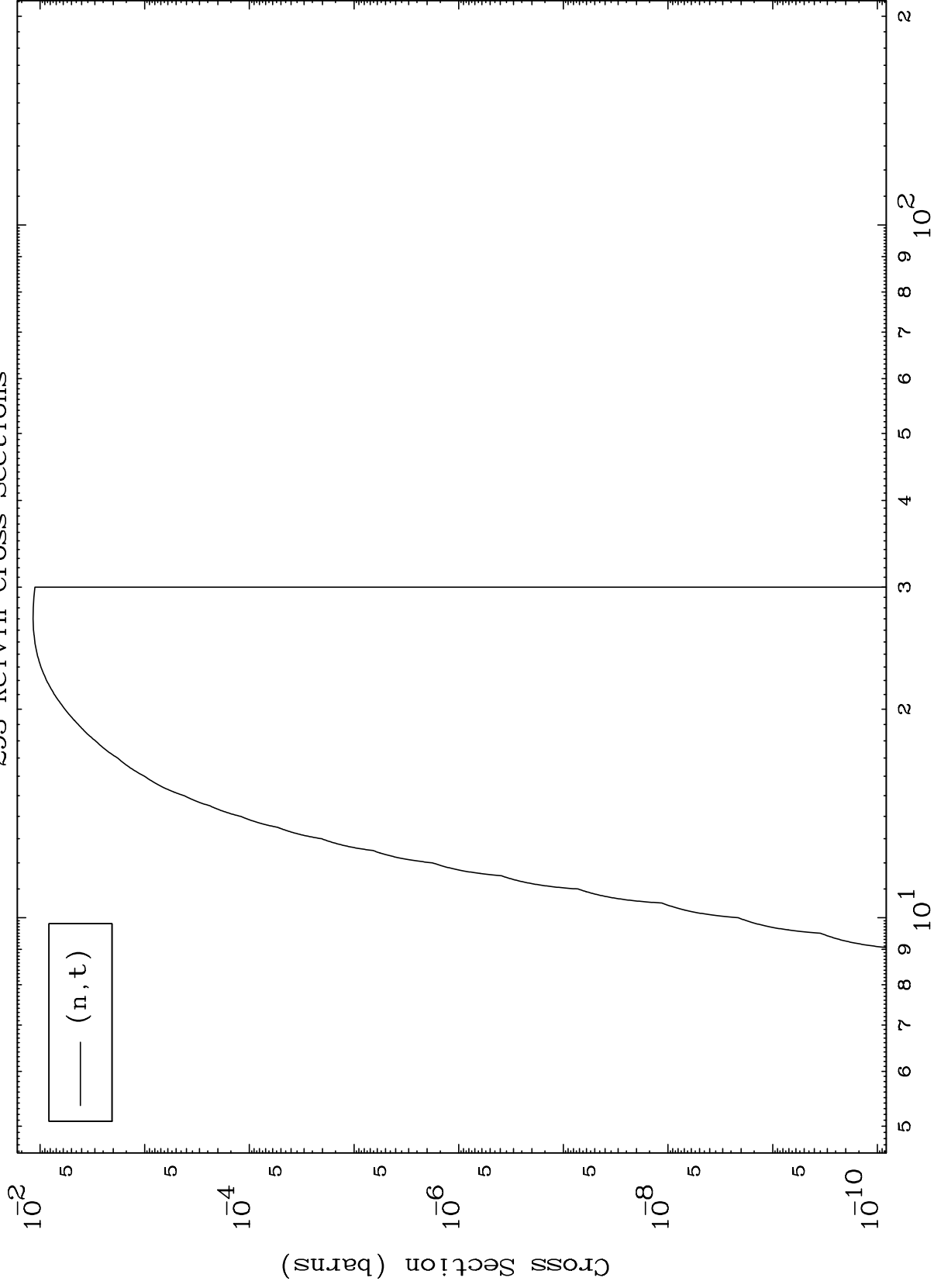
57-La-123



MAT 5680

(n,t) Levels
293 Kelvin Cross Sections

57-La-123



10

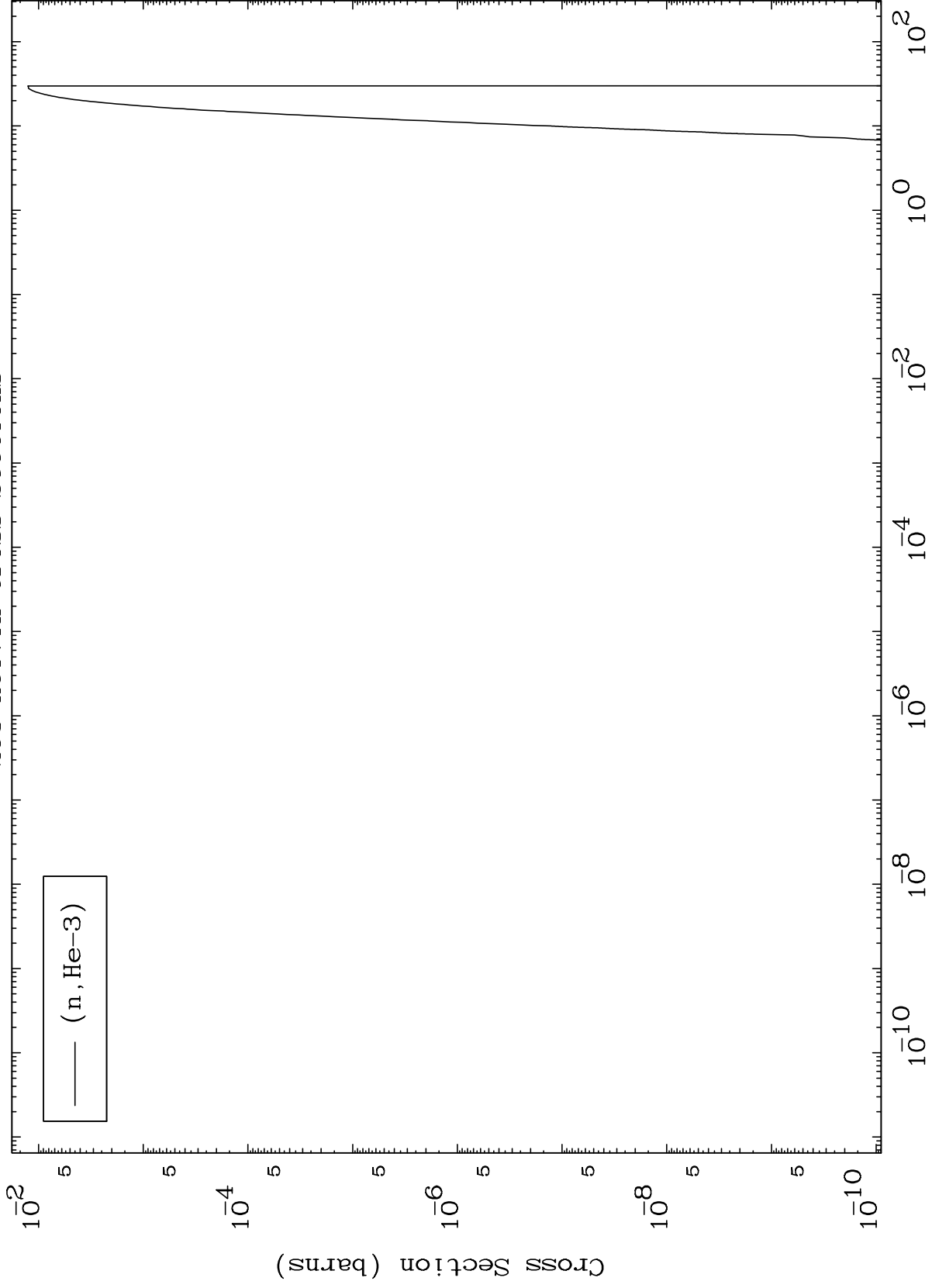
Incident Energy (MeV)

57-La-123

MAT 5680

(n,He3) Levels
293 Kelvin Cross Sections

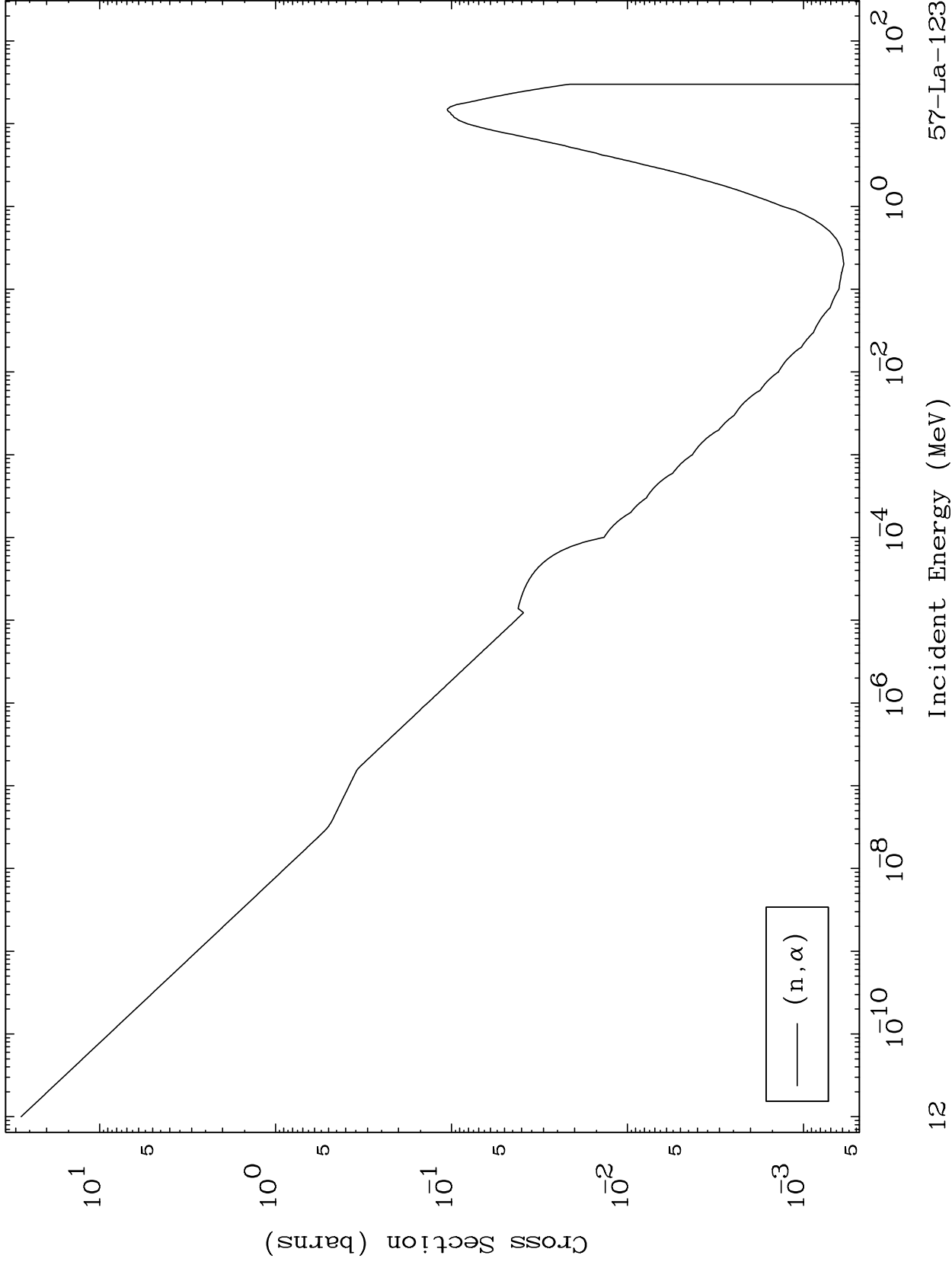
57-La-123



MAT 5680

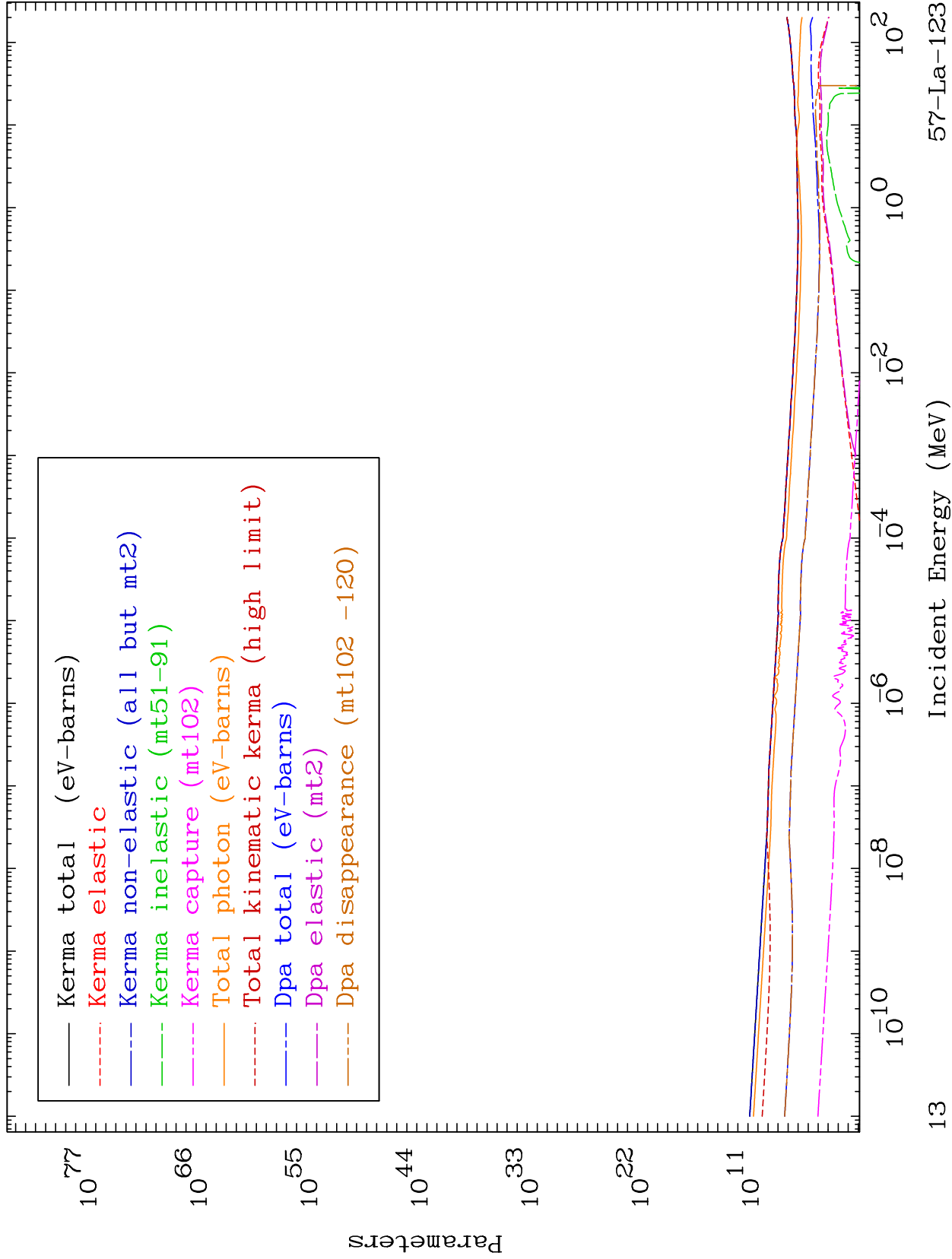
(n,α) Levels
293 Kelvin Cross Sections

57-La-123



12

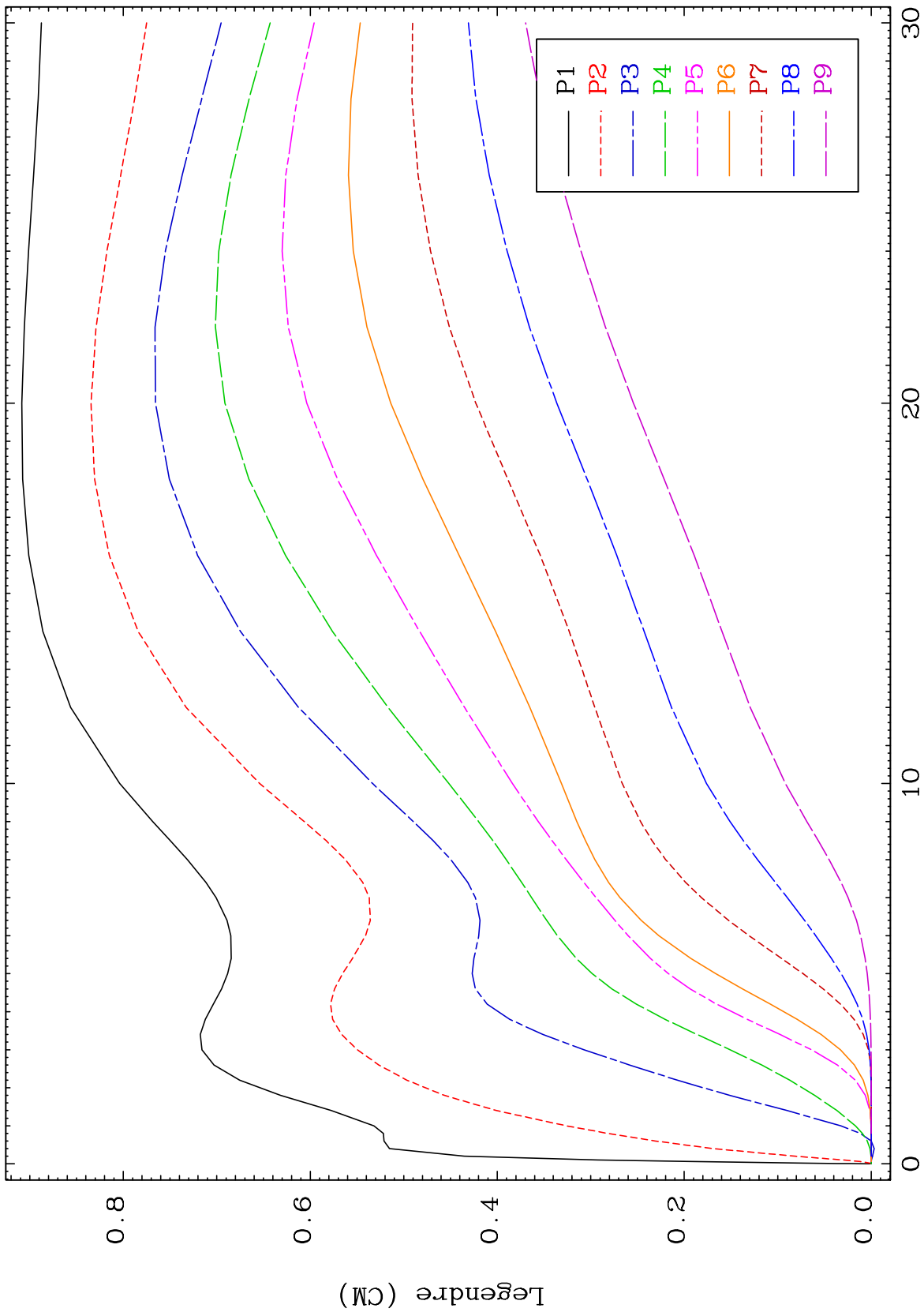
57-La-123



MAT 5680

Elastic Legendre Coefficients

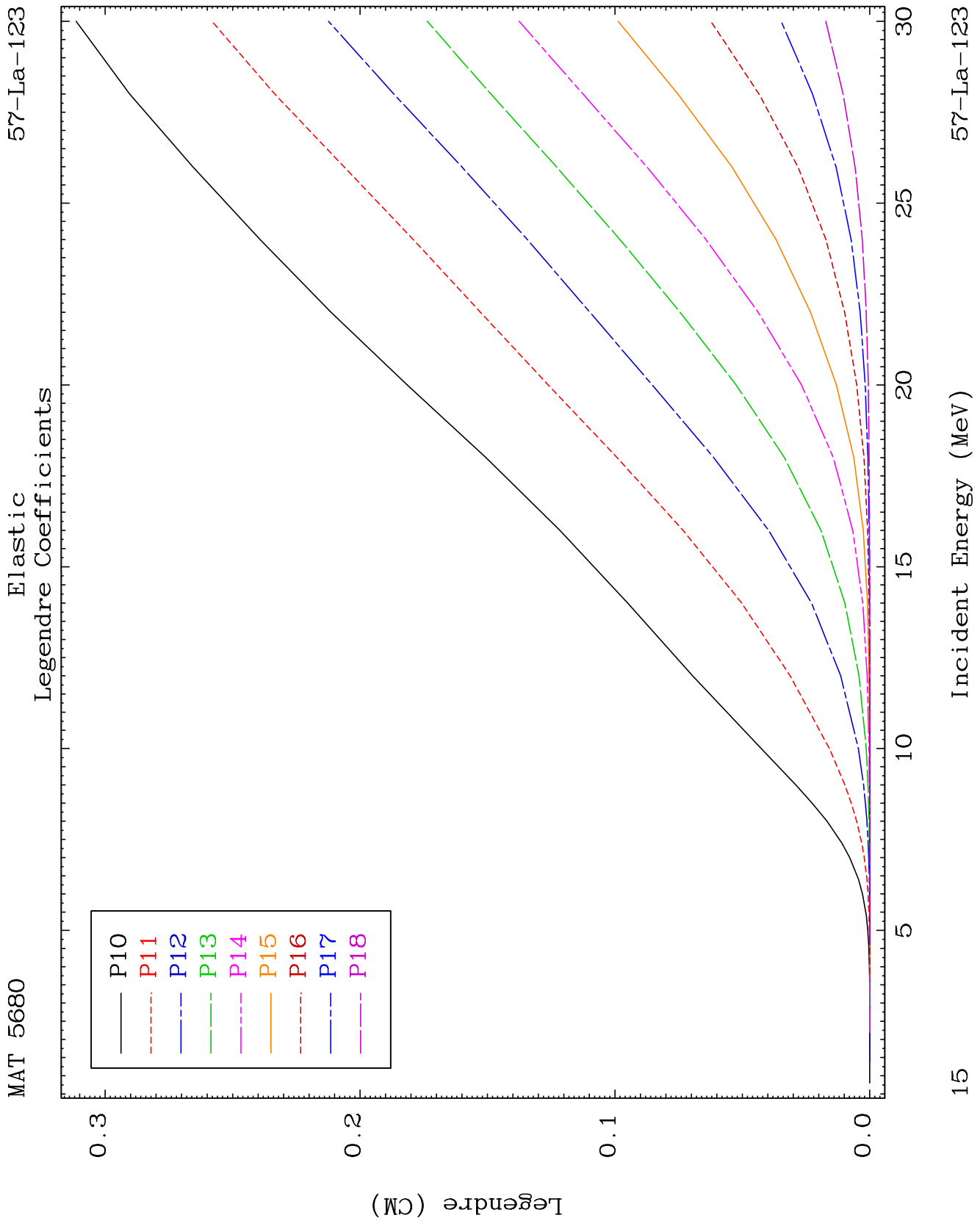
57-La-123



14

Incident Energy (MeV)

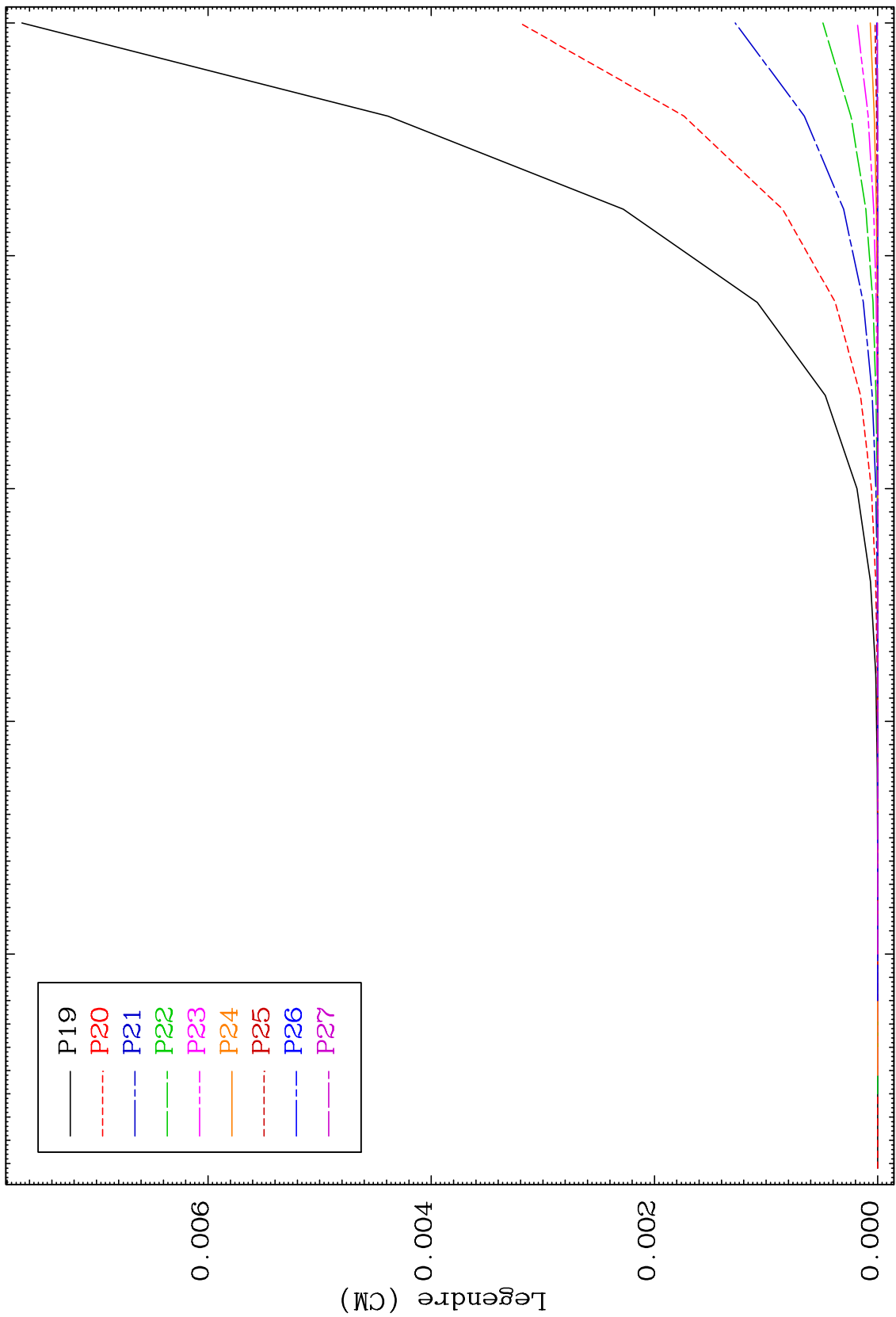
57-La-123



MAT 5680

Elastic Legendre Coefficients

57-La-123



16

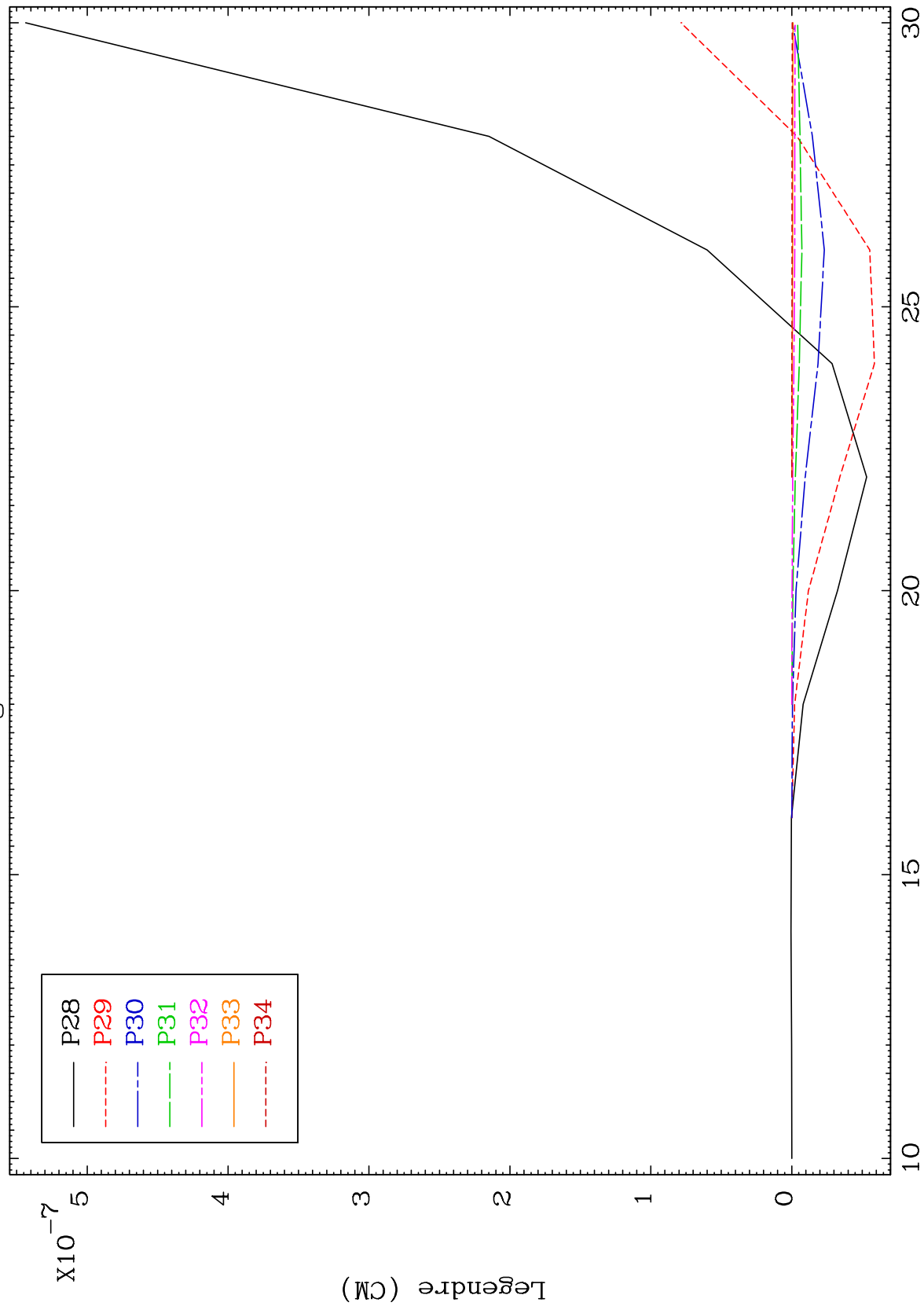
Incident Energy (MeV)

57-La-123

MAT 5680

Elastic Legendre Coefficients

57-La-123



17

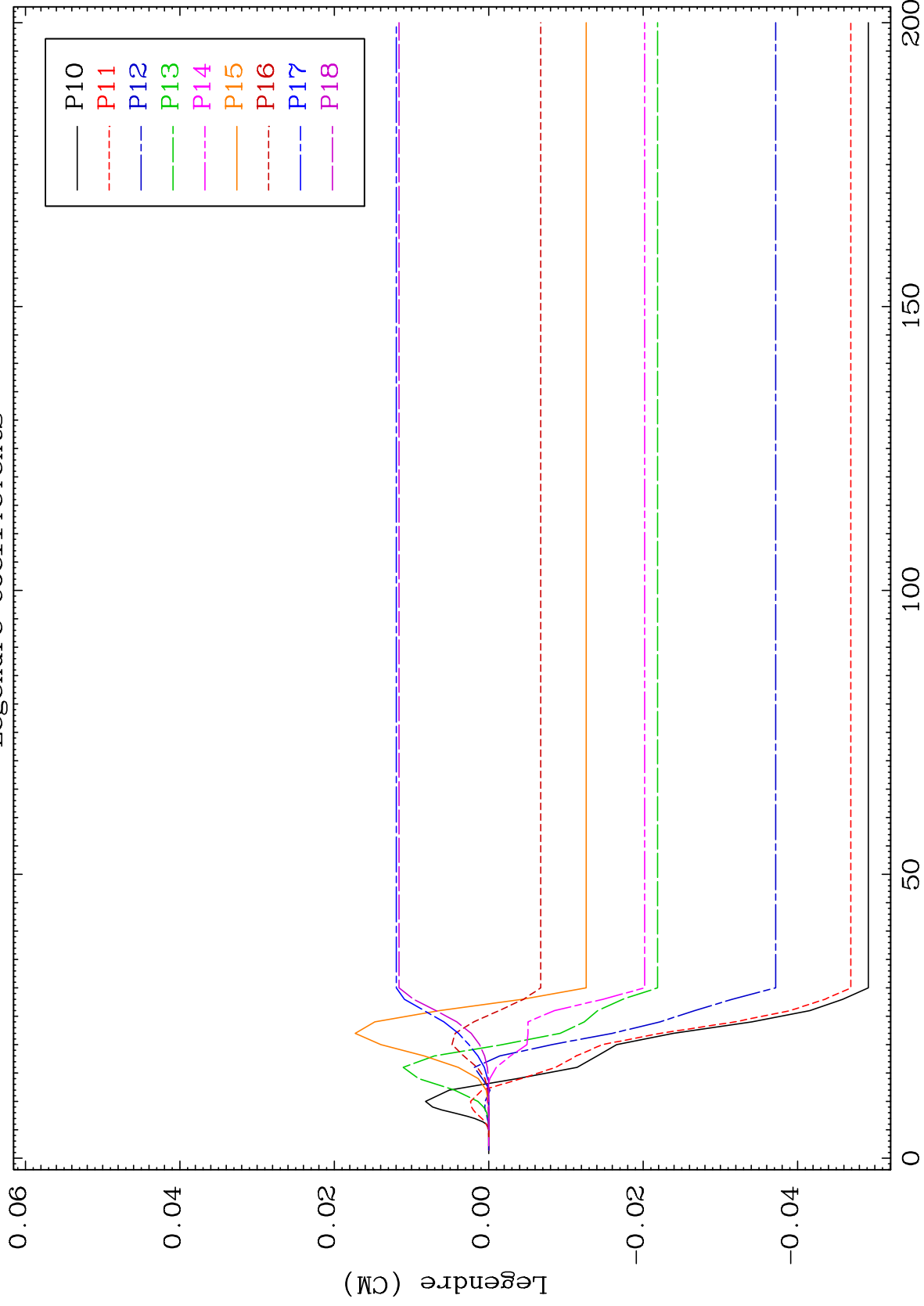
Incident Energy (MeV)

57-La-123

MAT 5680

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

57-La-123



19

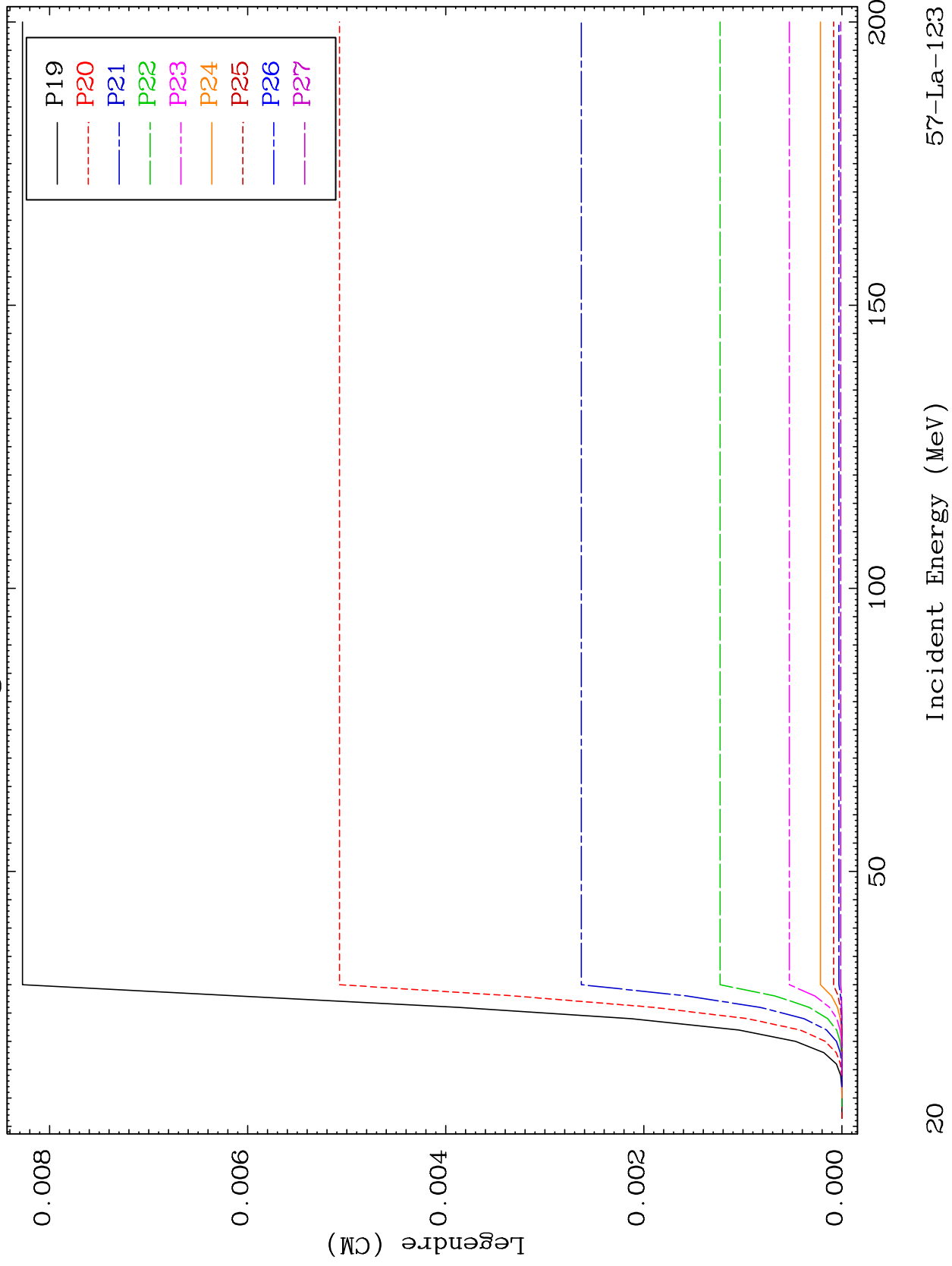
Incident Energy (MeV)

57-La-123

MAT 5680

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

57-La-123



20

Incident Energy (MeV)

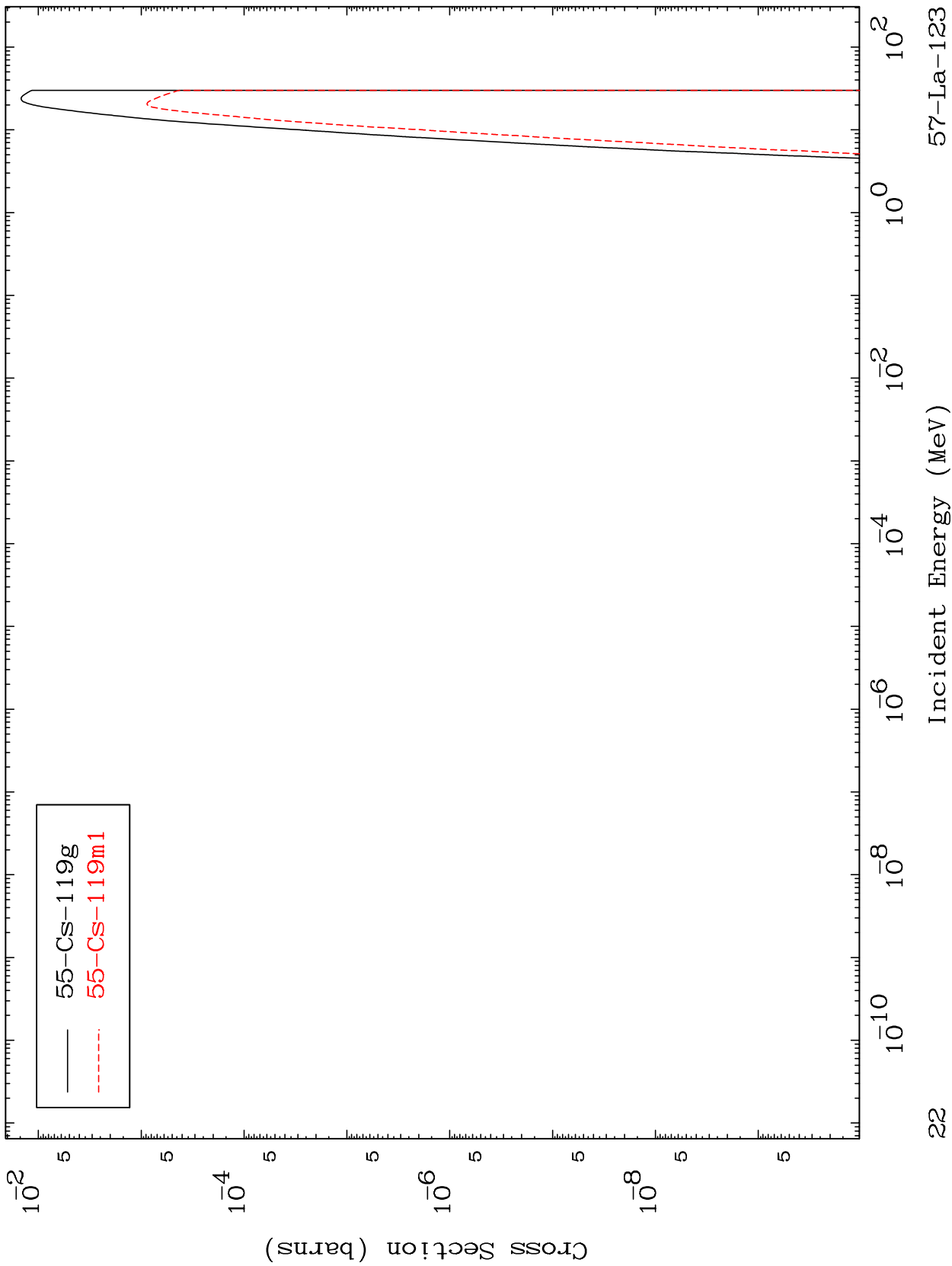
57-La-123

MAT 5680

$(n, n') \alpha$

57-La-123

Radionuclide Production Cross Section

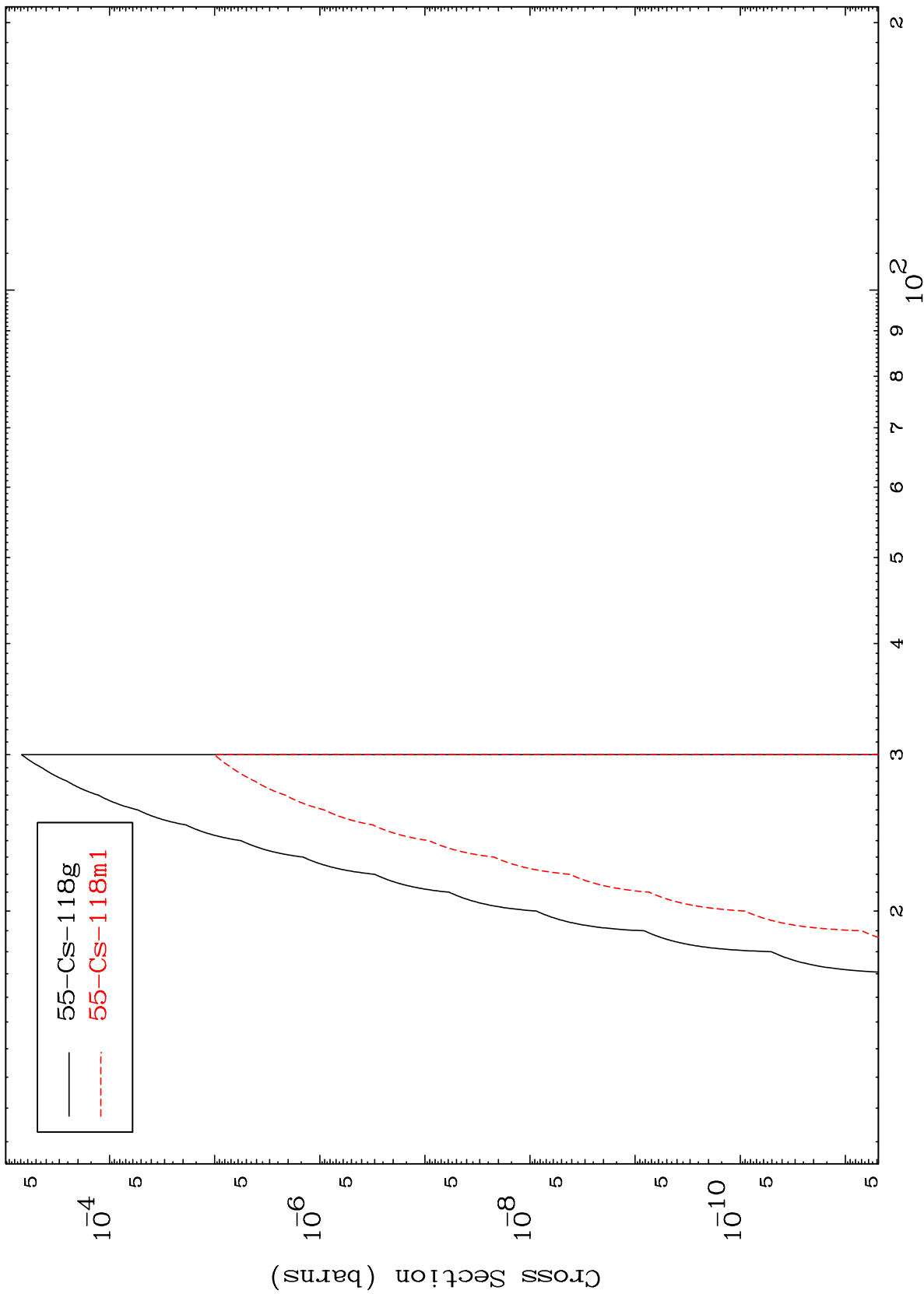


MAT 5680

(n,2n) α

57-La-123

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-123

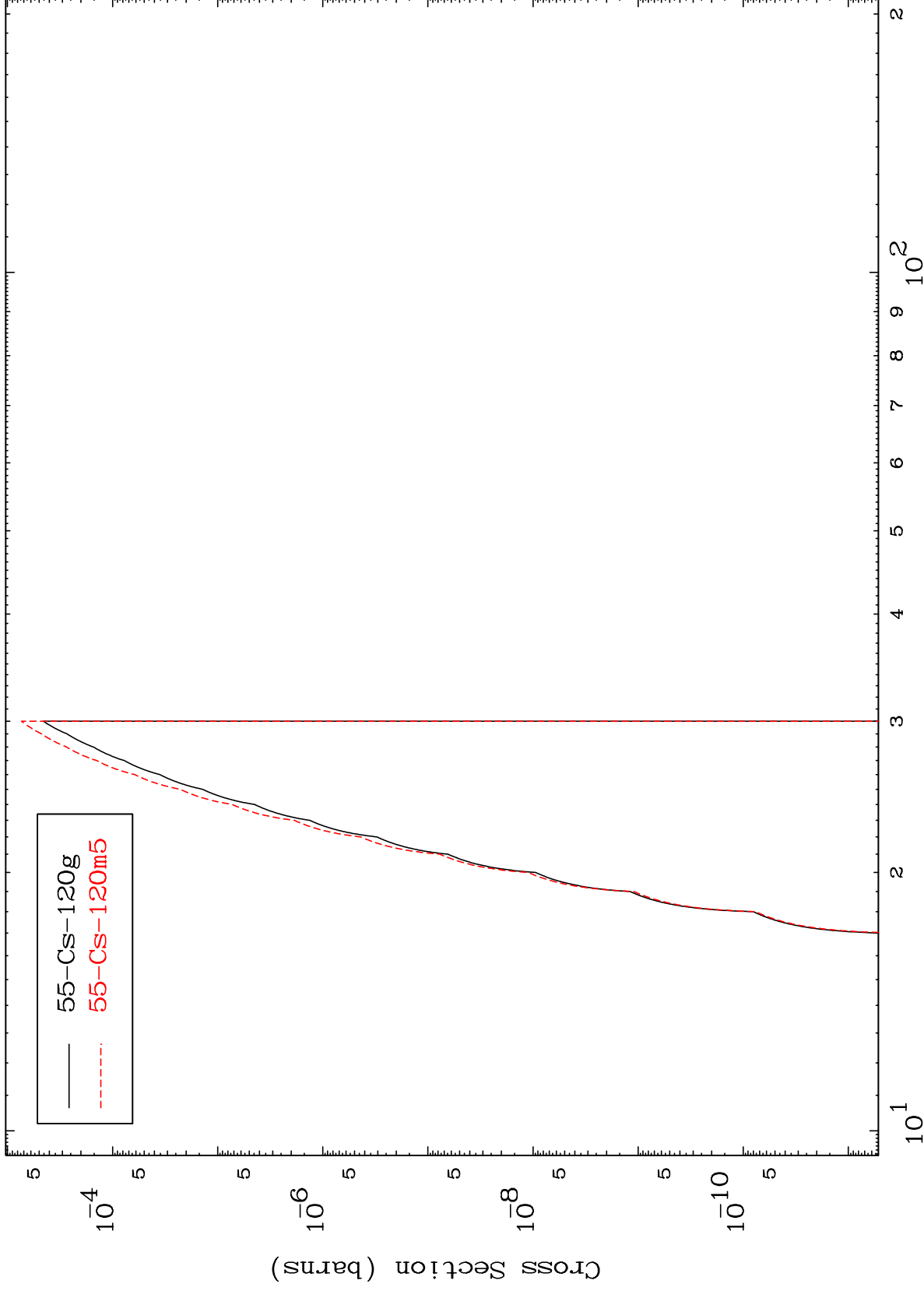
23

MAT 5680

(n,n') He-3

57-La-123

Radionuclide Production Cross Section



Incident Energy (MeV)

57-La-123

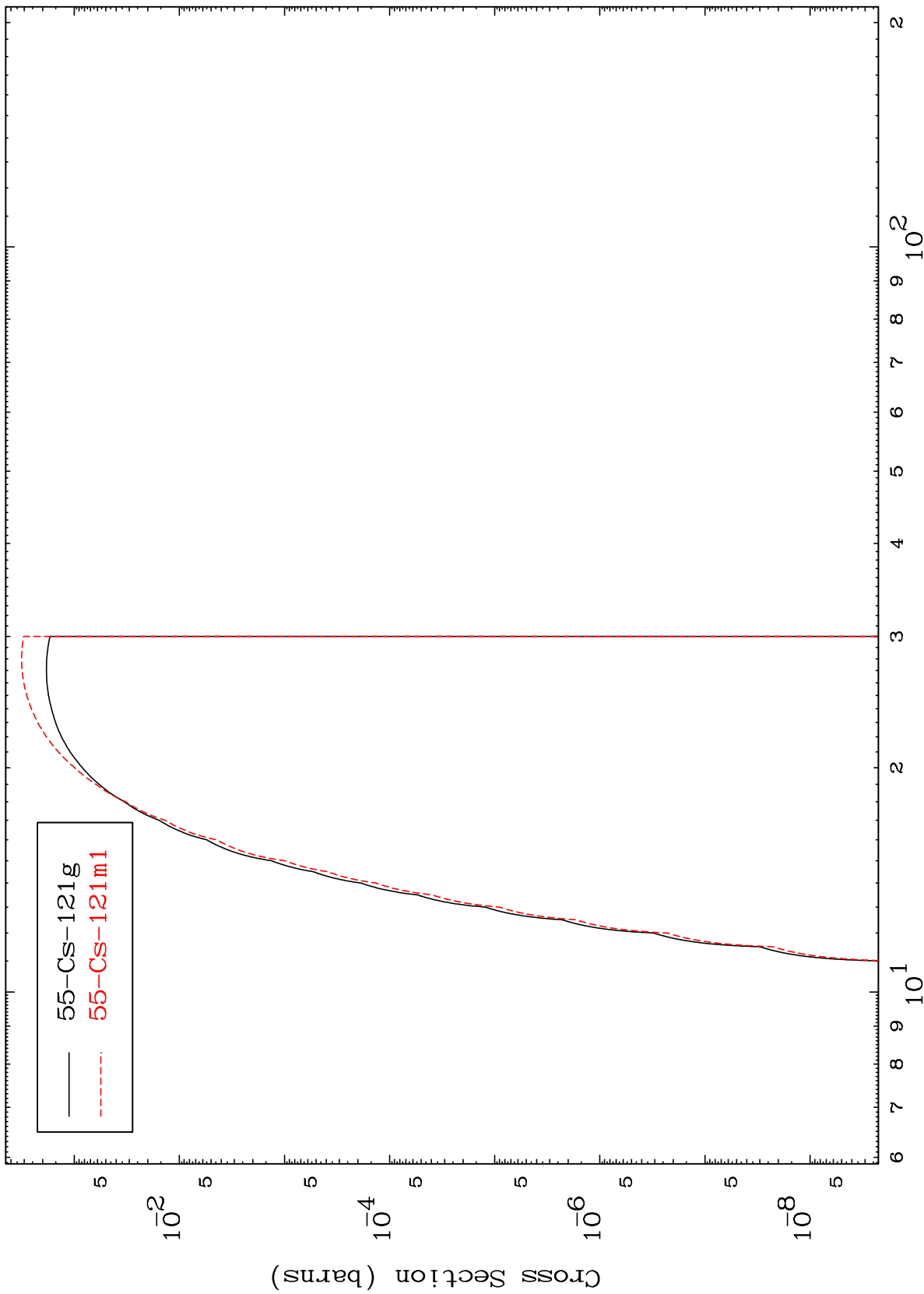
24

MAT 5680

(n,2n) p

57-La-123

Radionuclide Production Cross Section



25

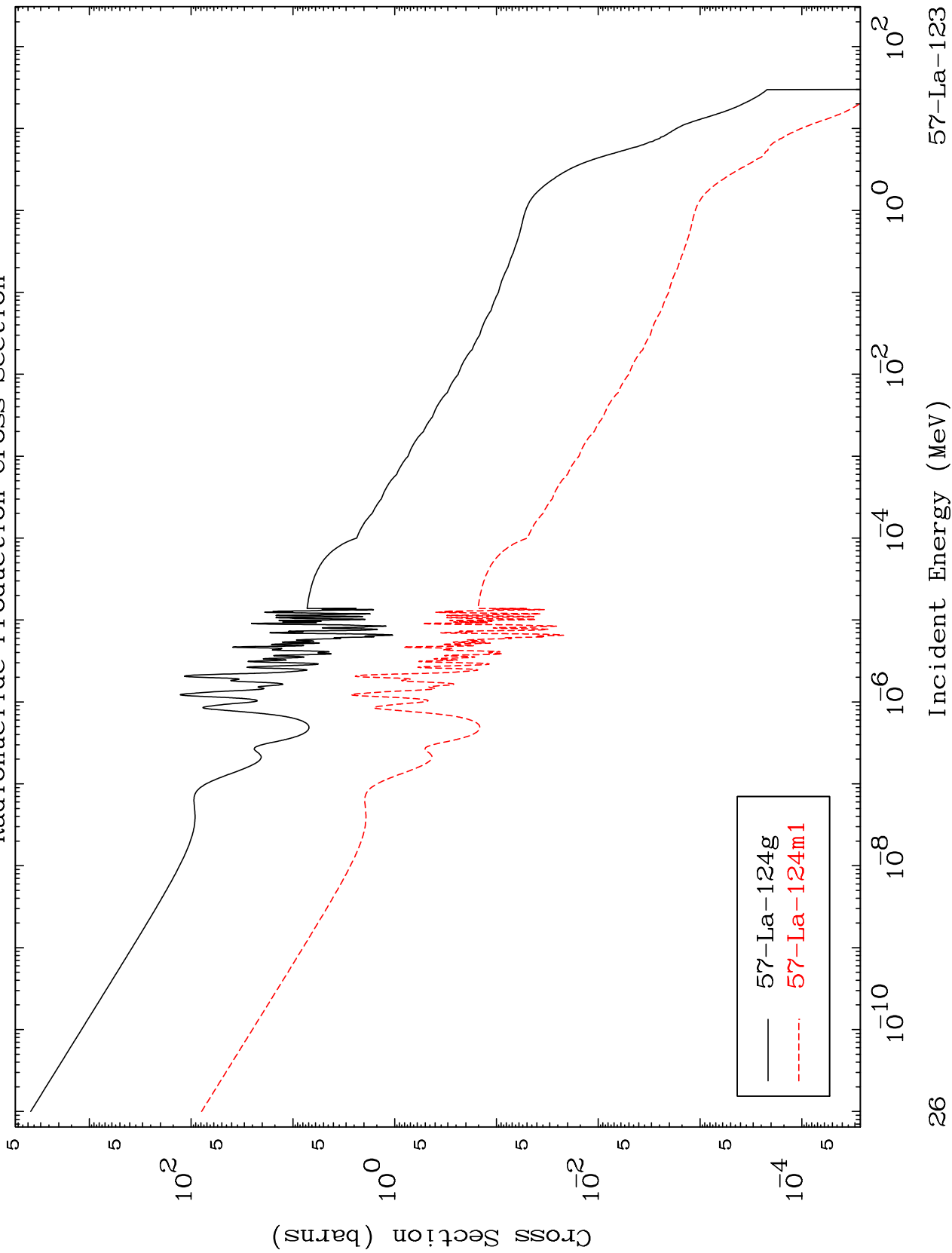
Incident Energy (MeV)

57-La-123

MAT 5680

57-La-123

(n, γ)
Radionuclide Production Cross Section

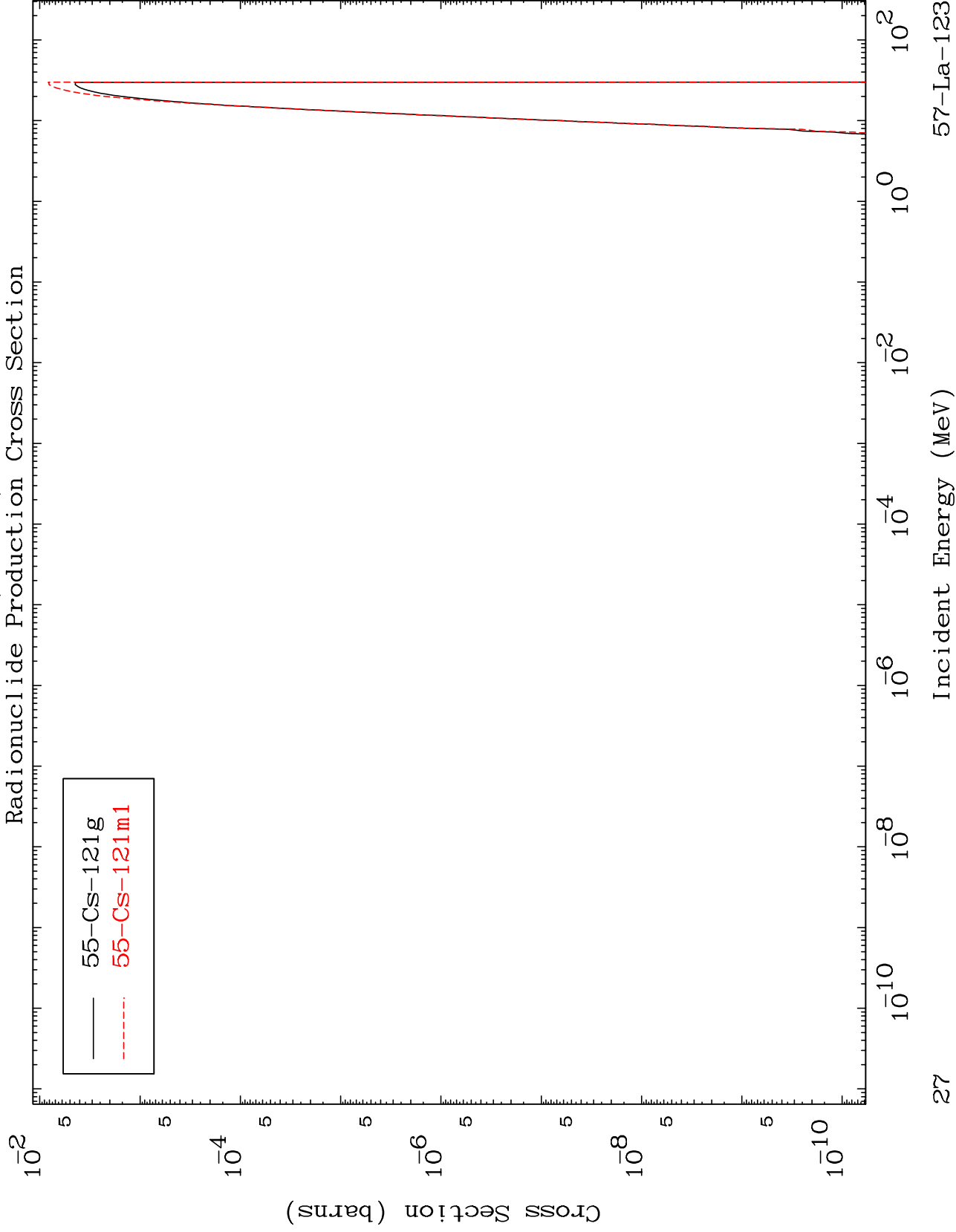


MAT 5680

(n,He-3)

57-La-123

Radionuclide Production Cross Section

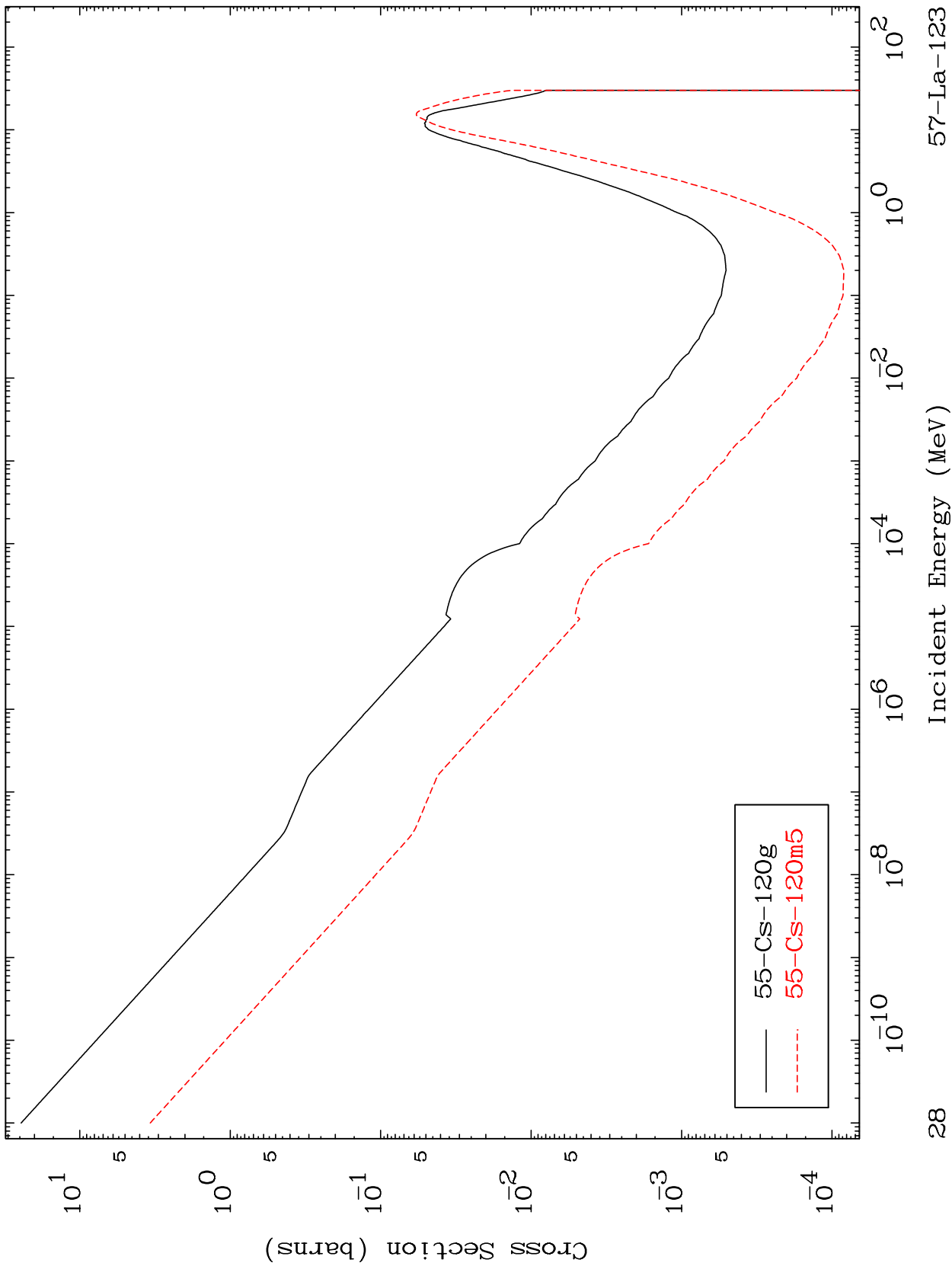


55-Cs-121g
55-Cs-121m1

MAT 5680

57-La-123

(n, α)
Radionuclide Production Cross Section



28

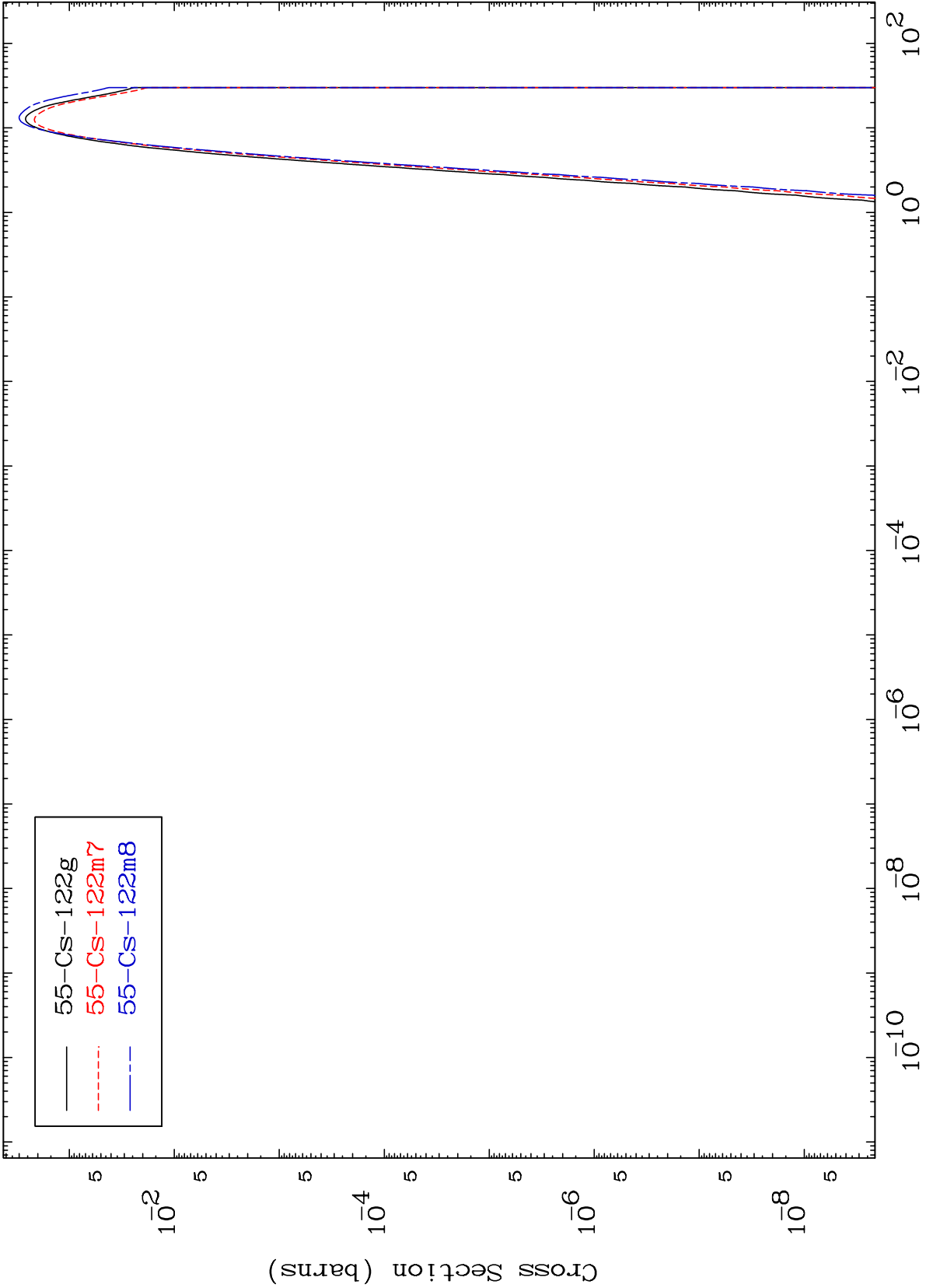
57-La-123

MAT 5680

(n,2p)

57-La-123

Radionuclide Production Cross Section

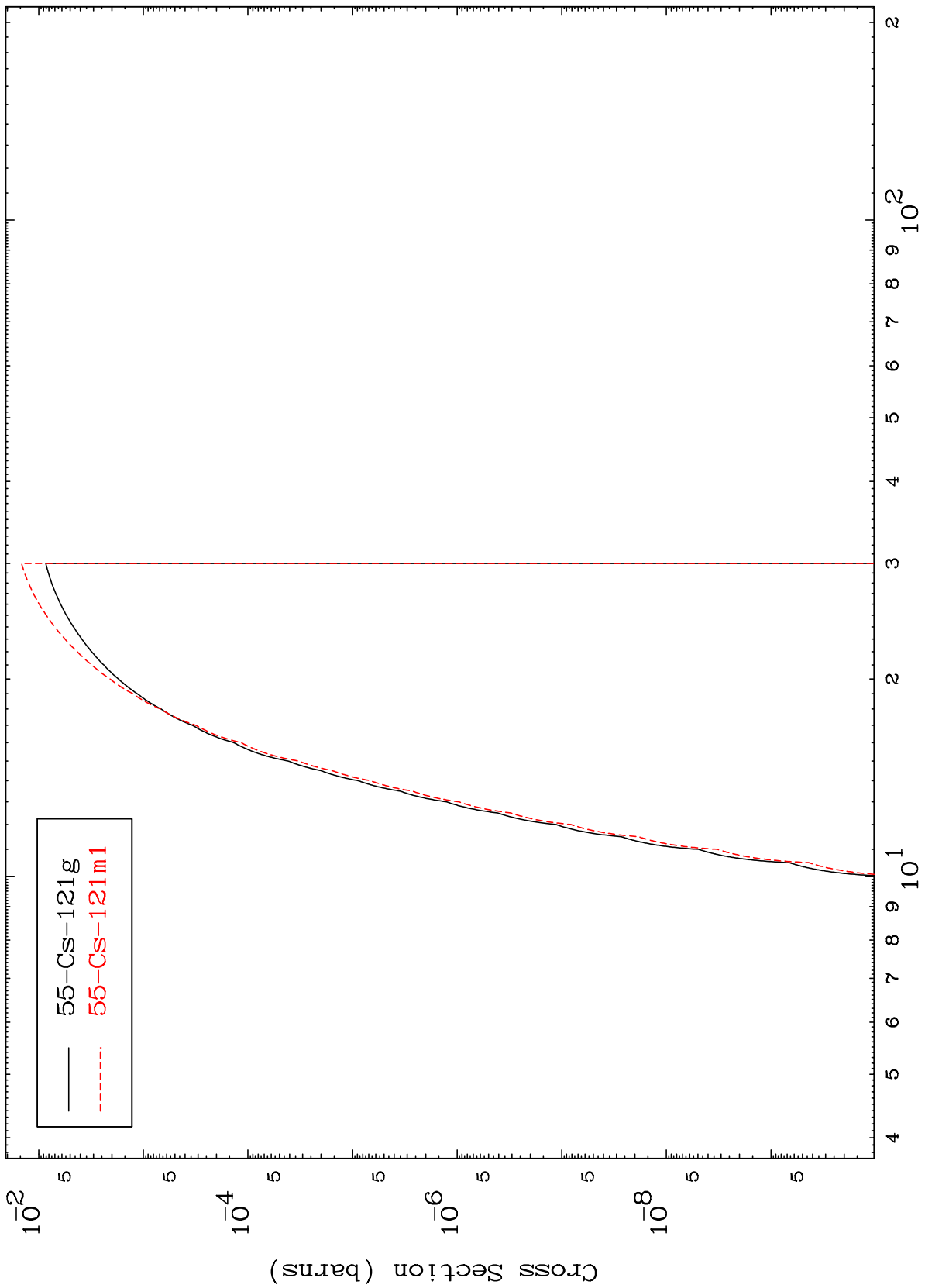


MAT 5680

(n,p) d

57-La-123

Radionuclide Production Cross Section



30

Incident Energy (MeV)

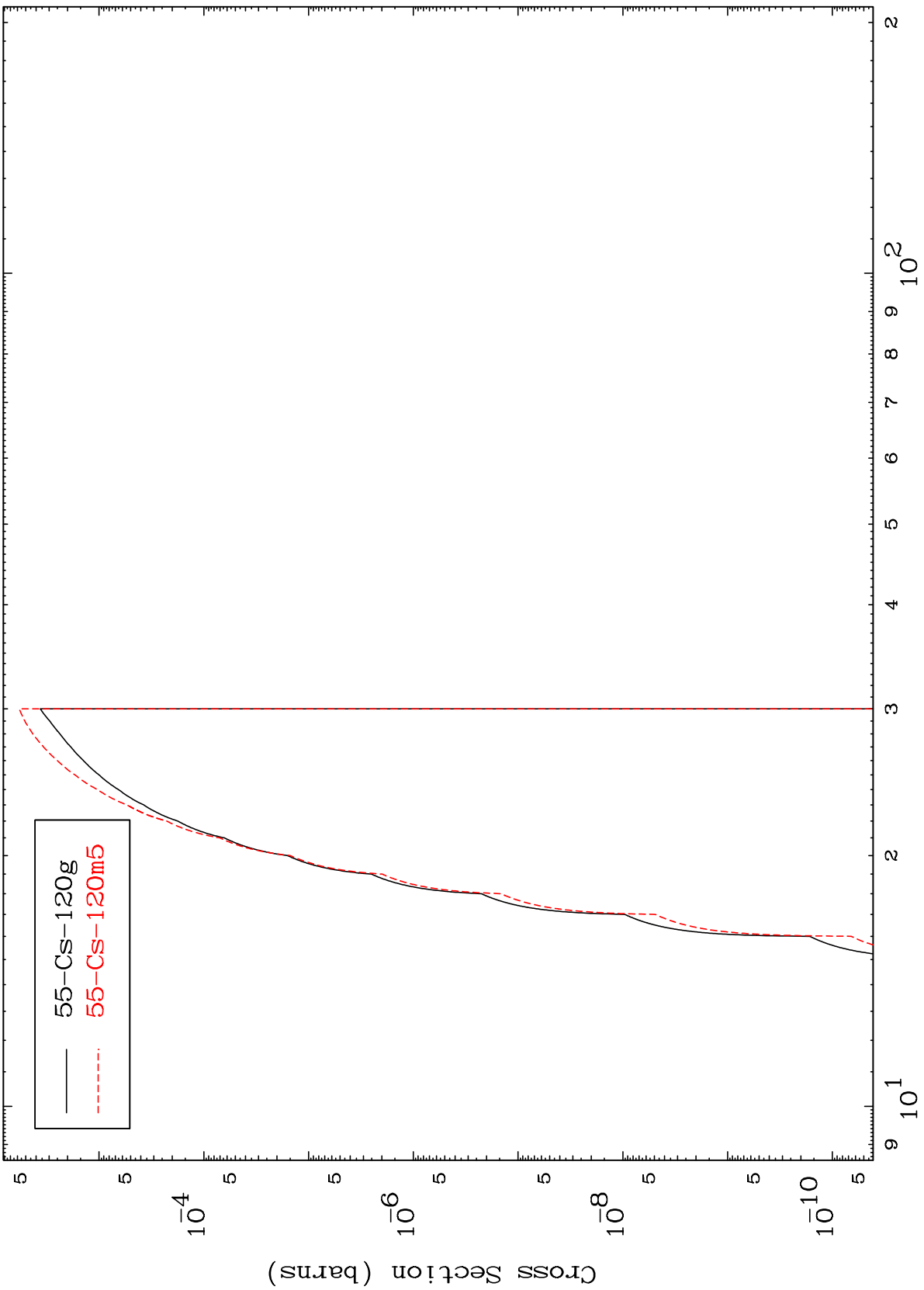
57-La-123

MAT 5680

(n,p) t

57-La-123

Radionuclide Production Cross Section



31

Incident Energy (MeV)

57-La-123