

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

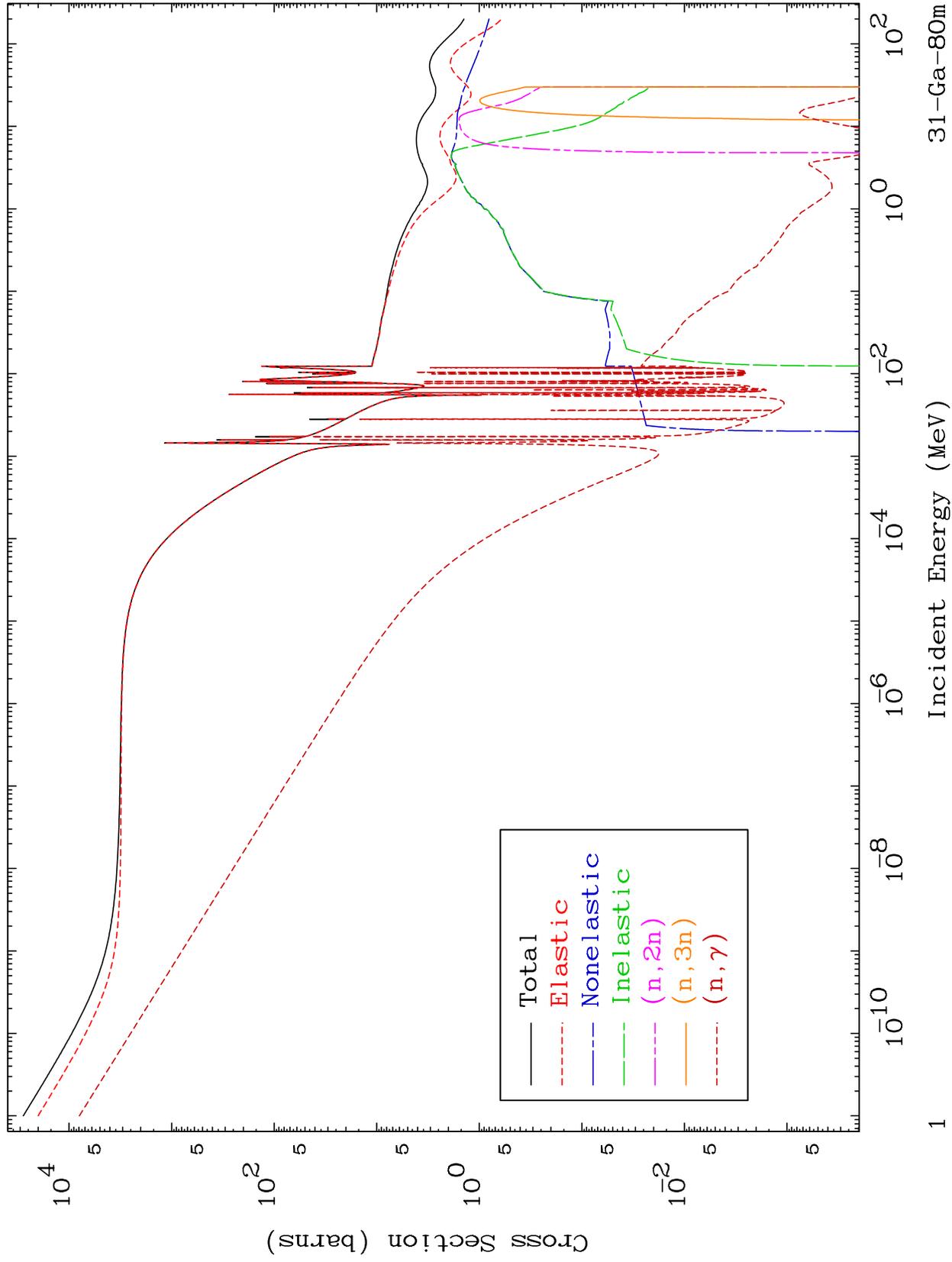
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3159

Neutron Major
293 Kelvin Cross Sections

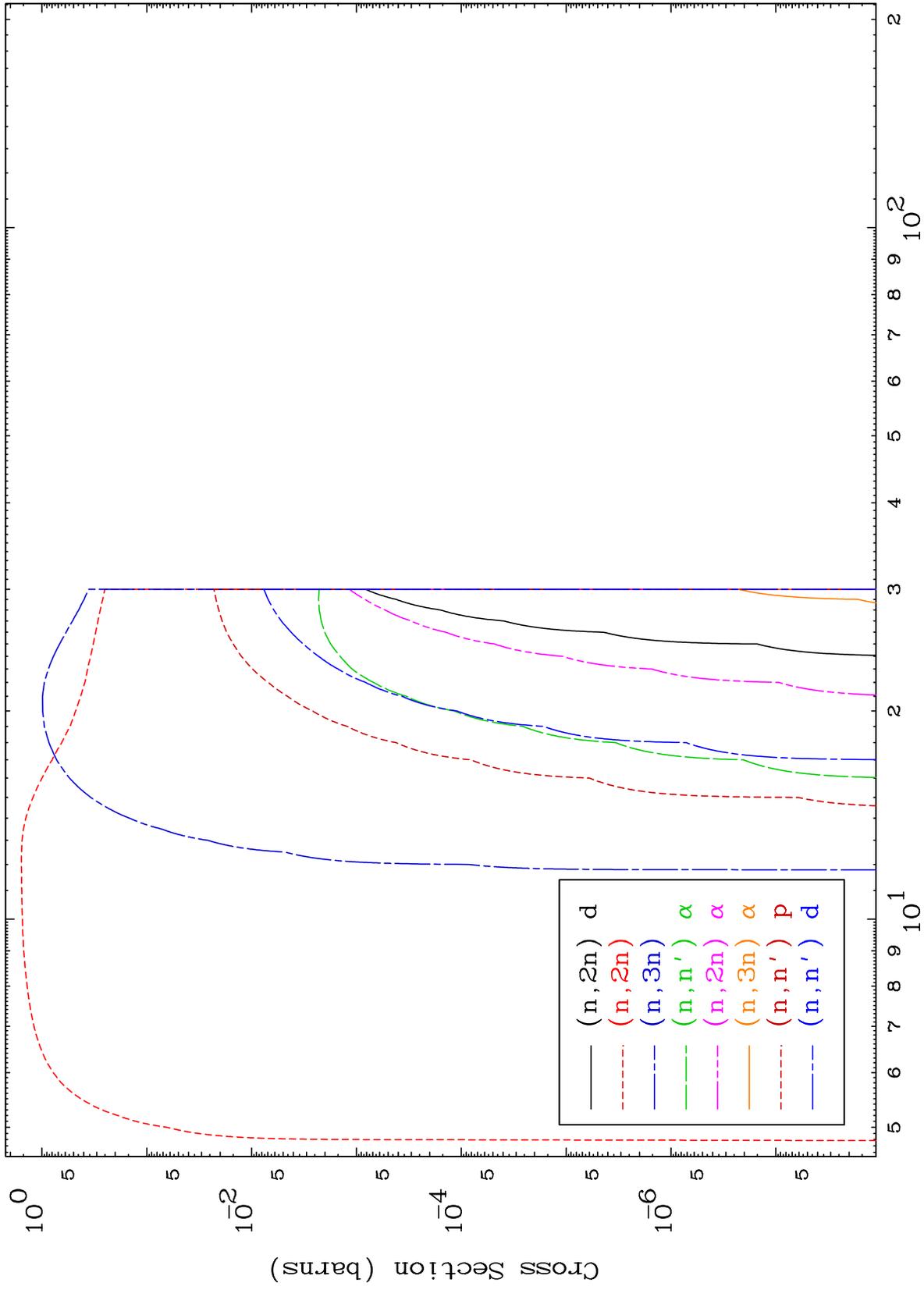
31-Ga-80m



MAT 3159

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-80m



2

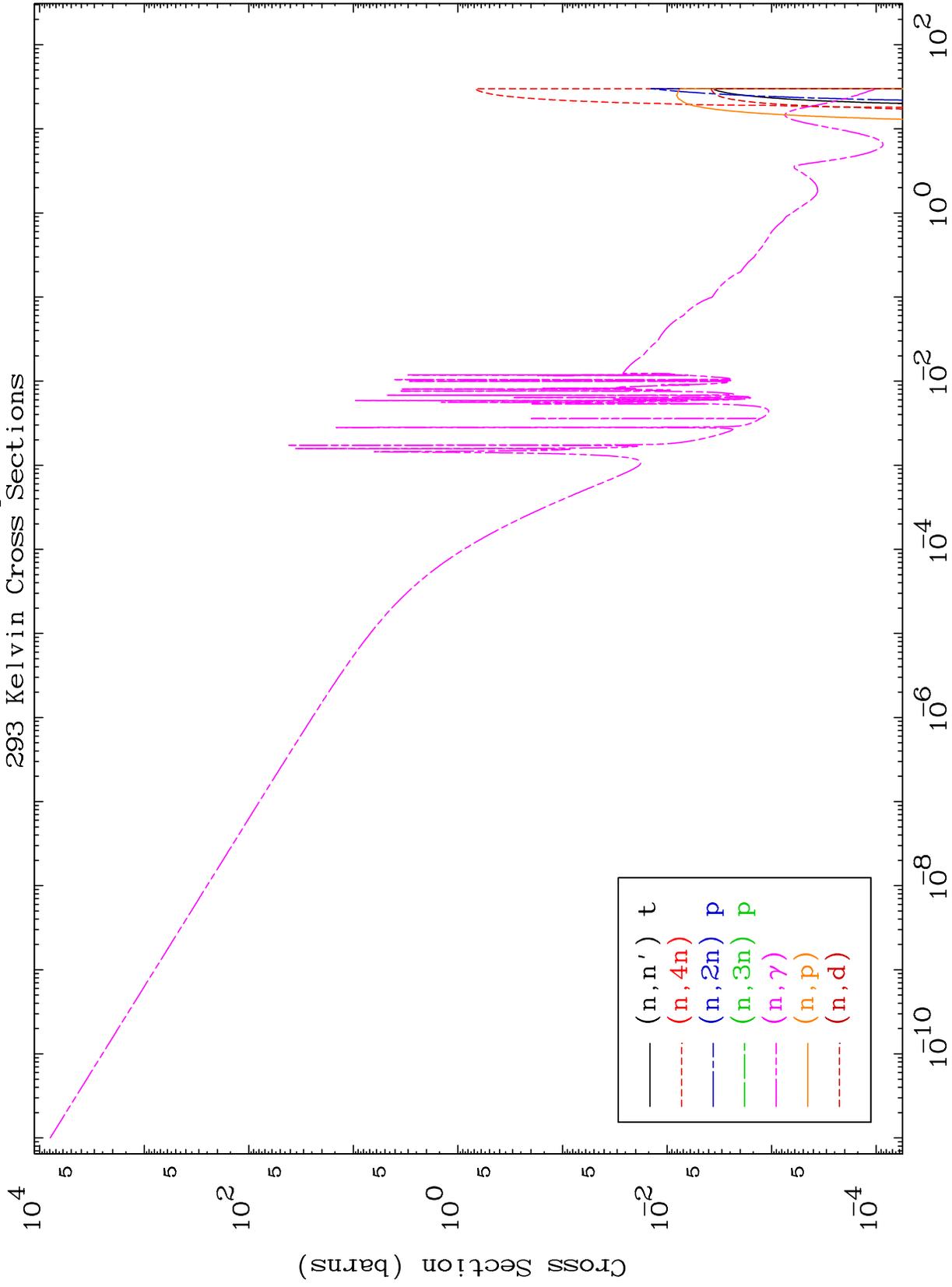
Incident Energy (MeV)

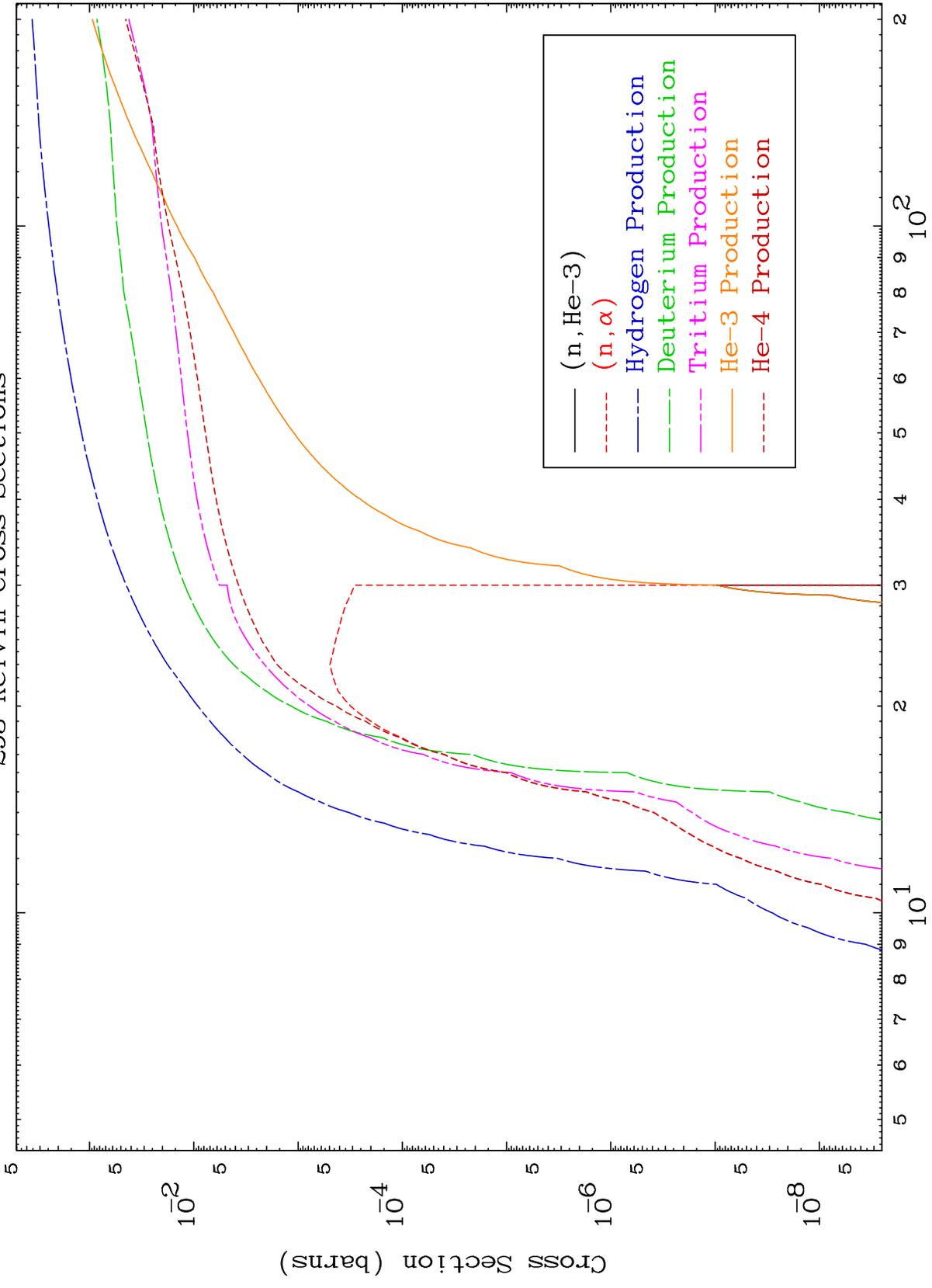
31-Ga-80m

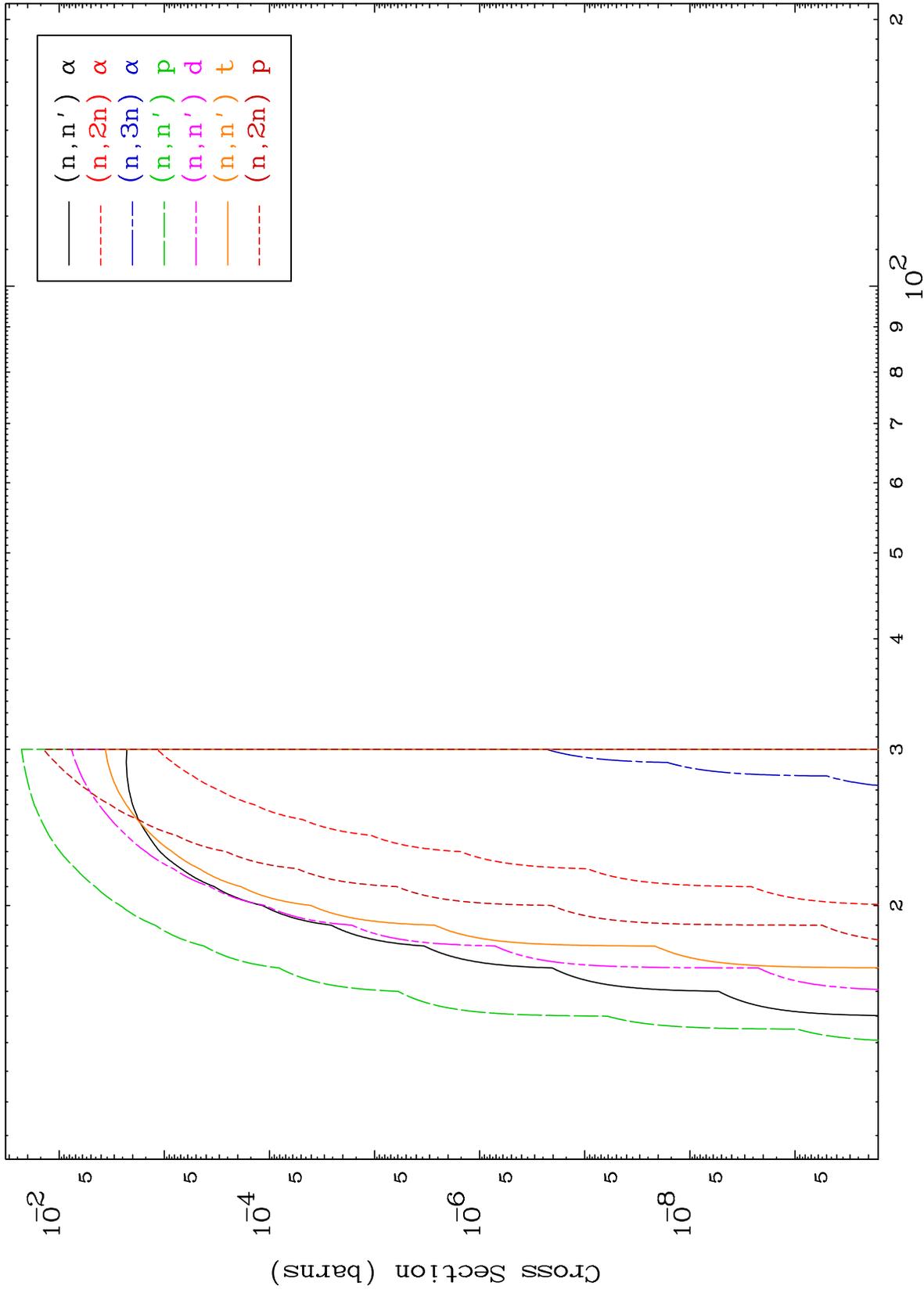
MAT 3159

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-80m



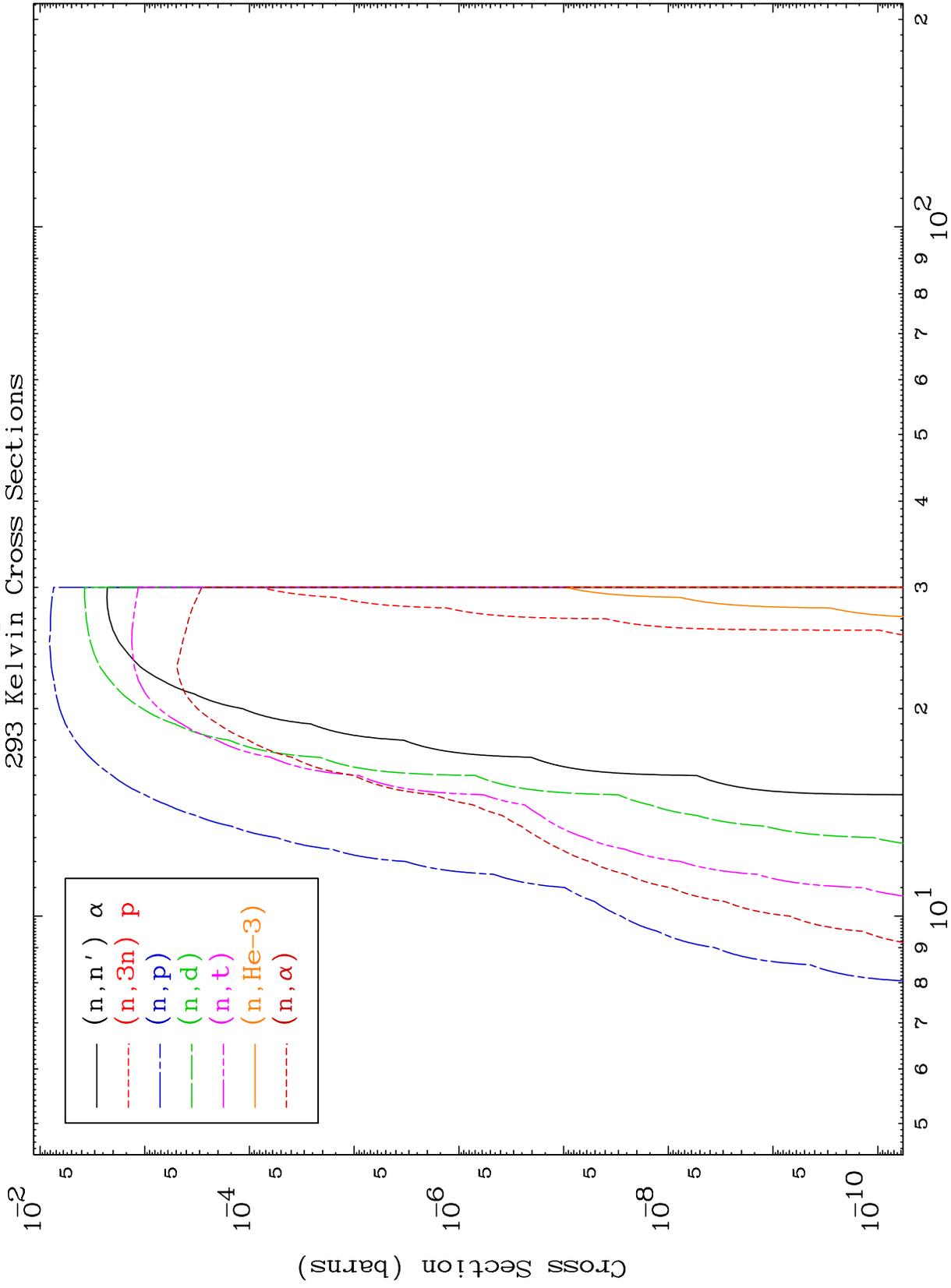




MAT 3159

Charged Particle
293 Kelvin Cross Sections

31-Ga-80m



6

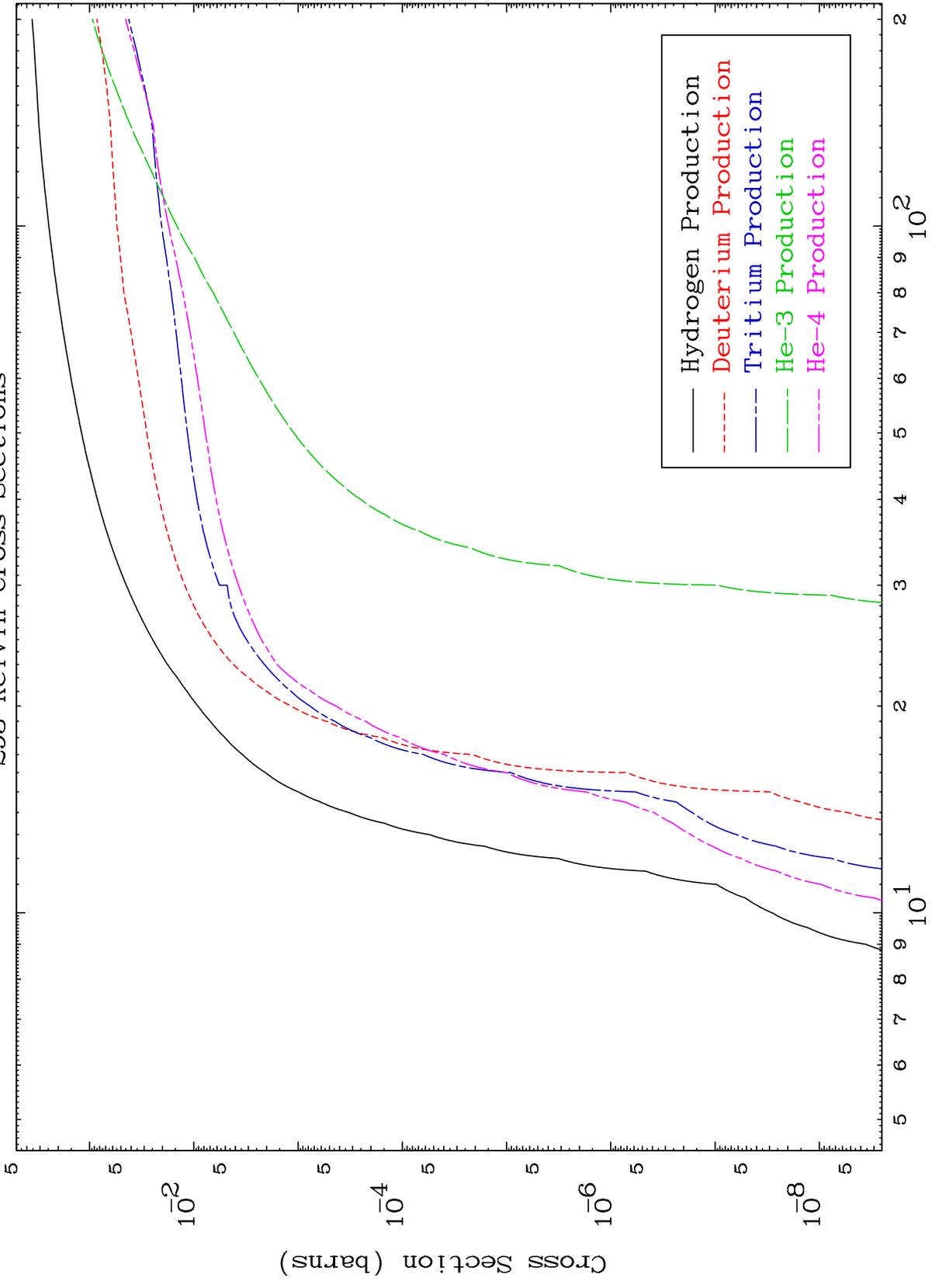
Incident Energy (MeV)

31-Ga-80m

MAT 3159

Particle Production
293 Kelvin Cross Sections

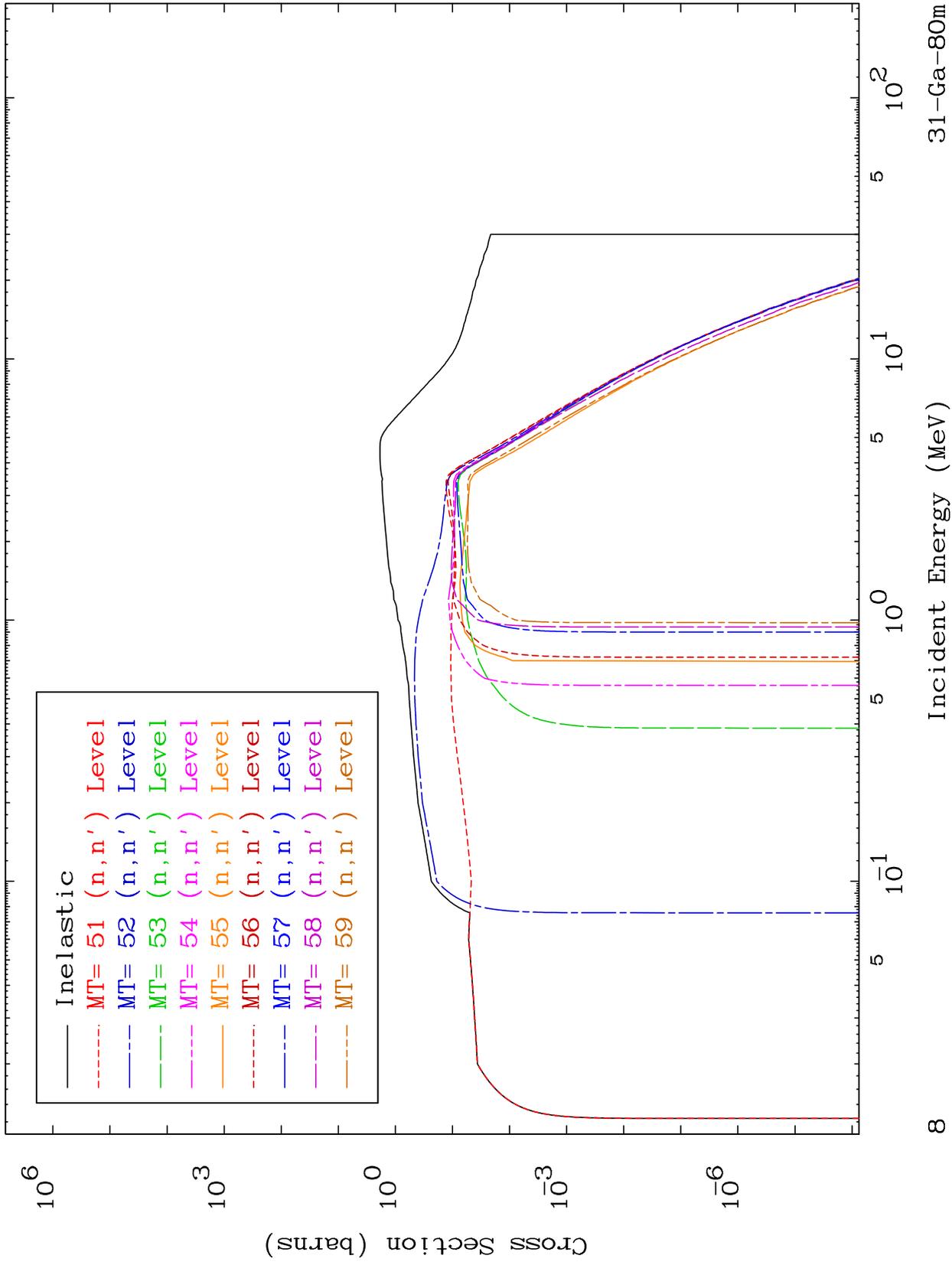
31-Ga-80m



MAT 3159

(n,n') Levels
293 Kelvin Cross Sections

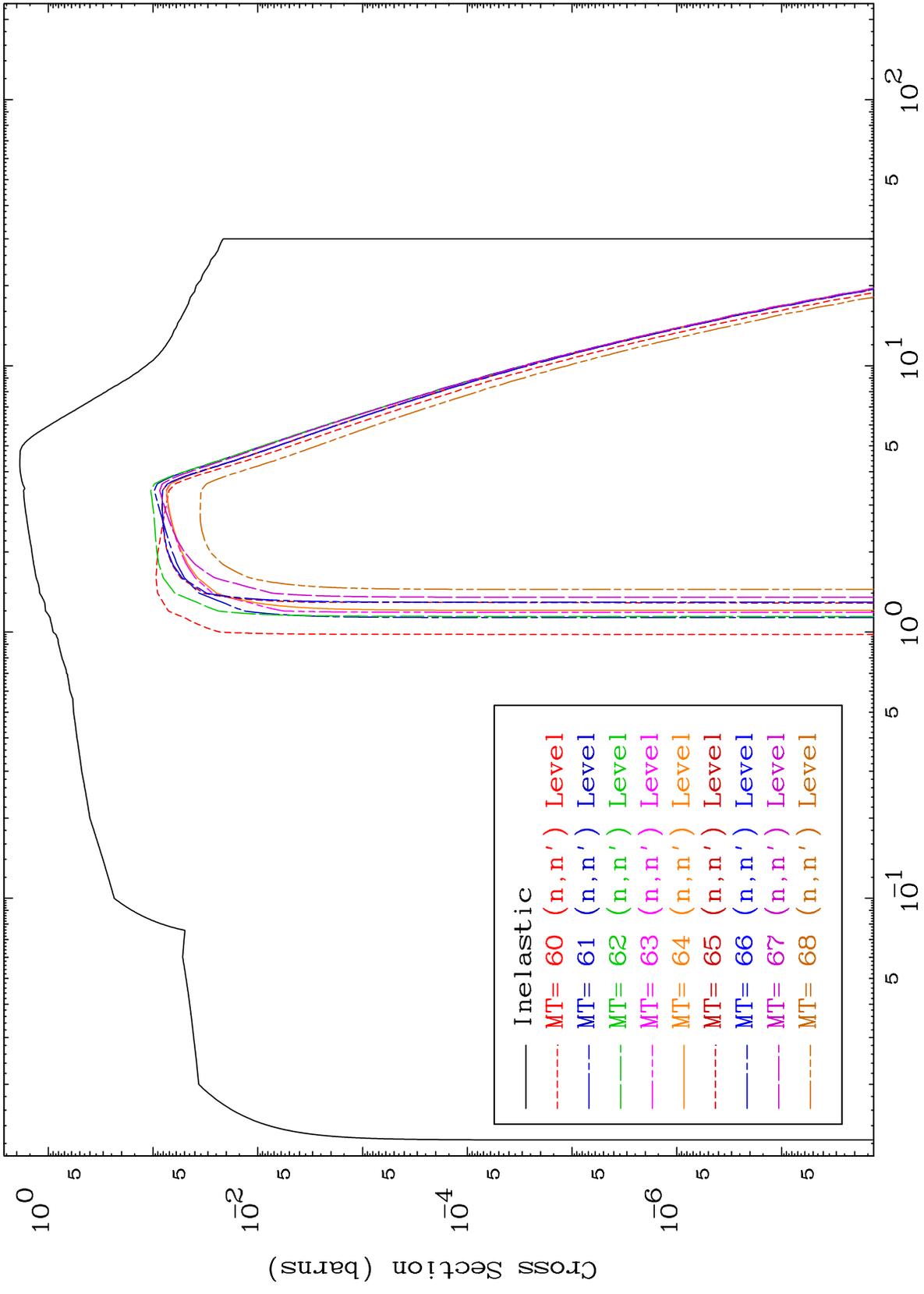
31-Ga-80m



MAT 3159

293 Kelvin Cross Sections
(n,n') Levels

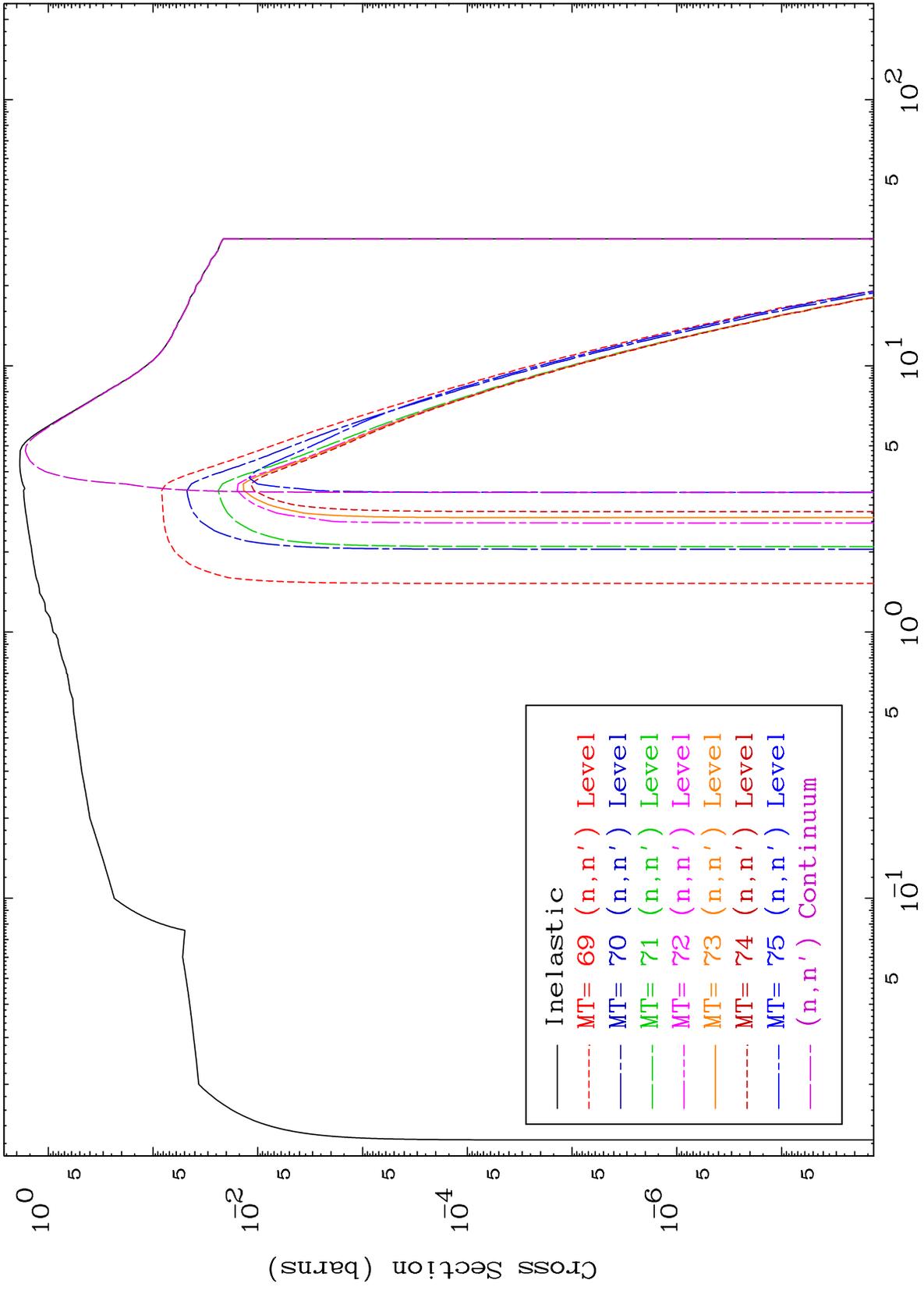
31-Ga-80m



MAT 3159

293 Kelvin Cross Sections
(n,n') Levels

31-Ga-80m



10

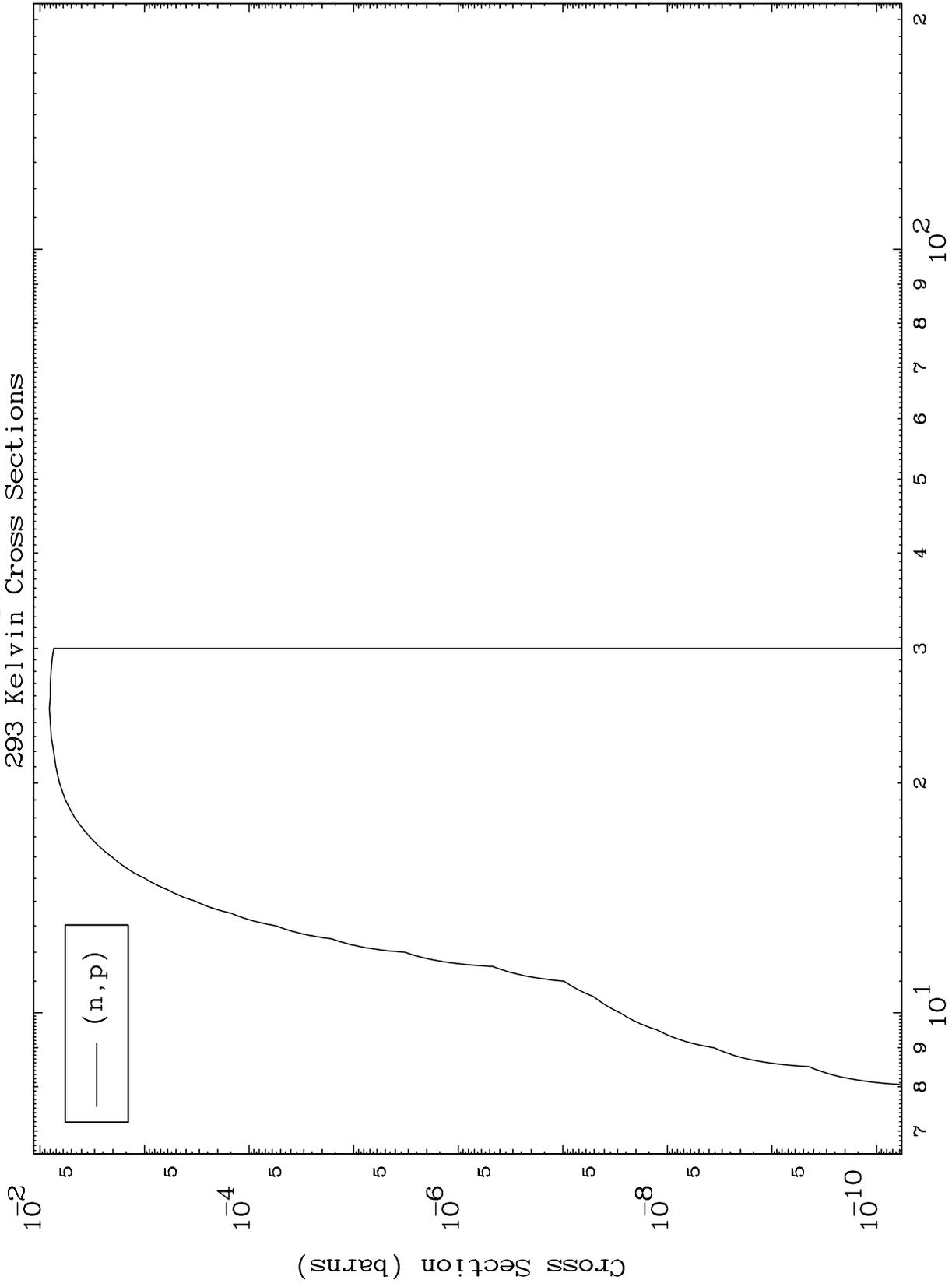
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-80m



11

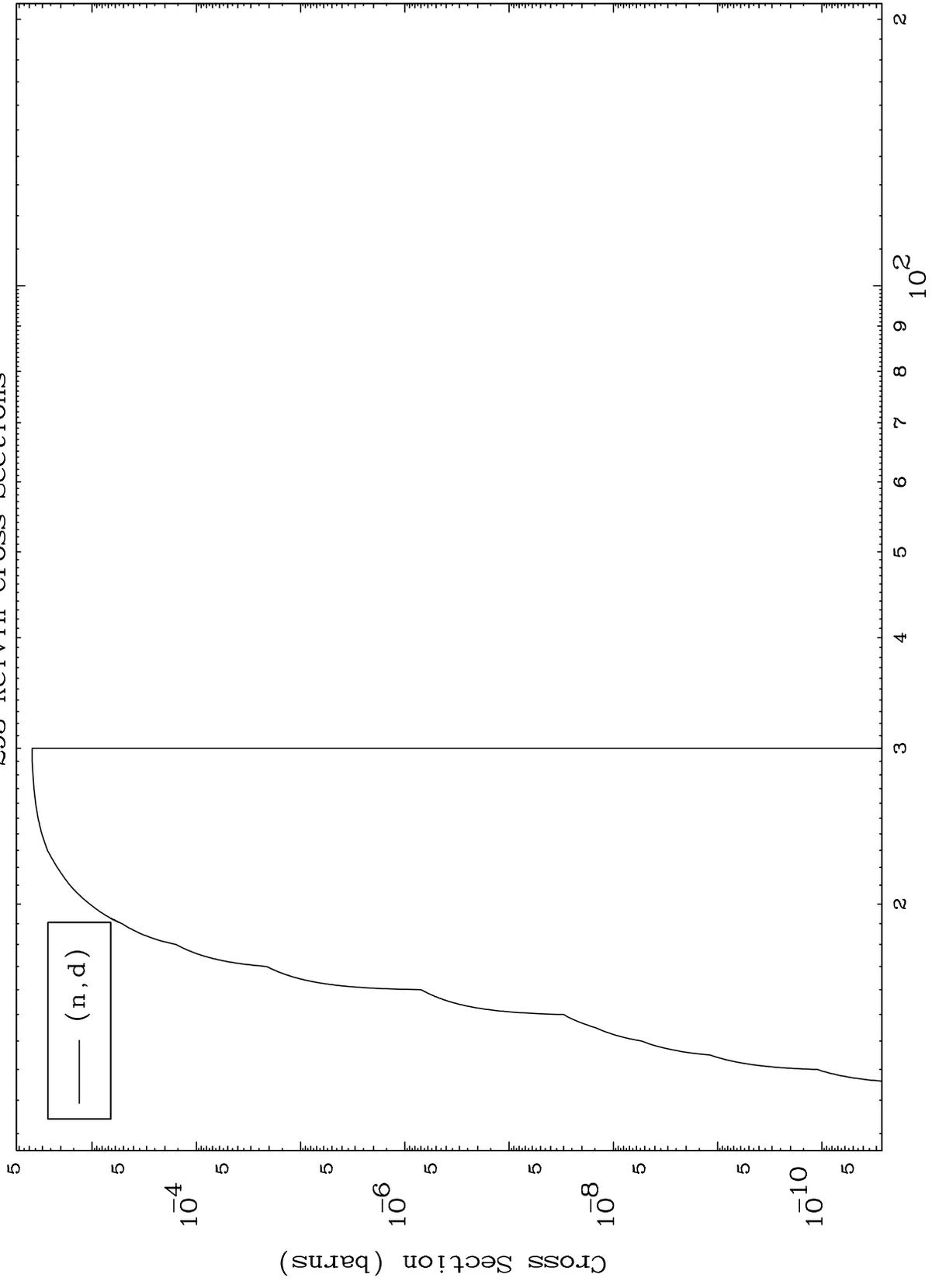
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-80m



12

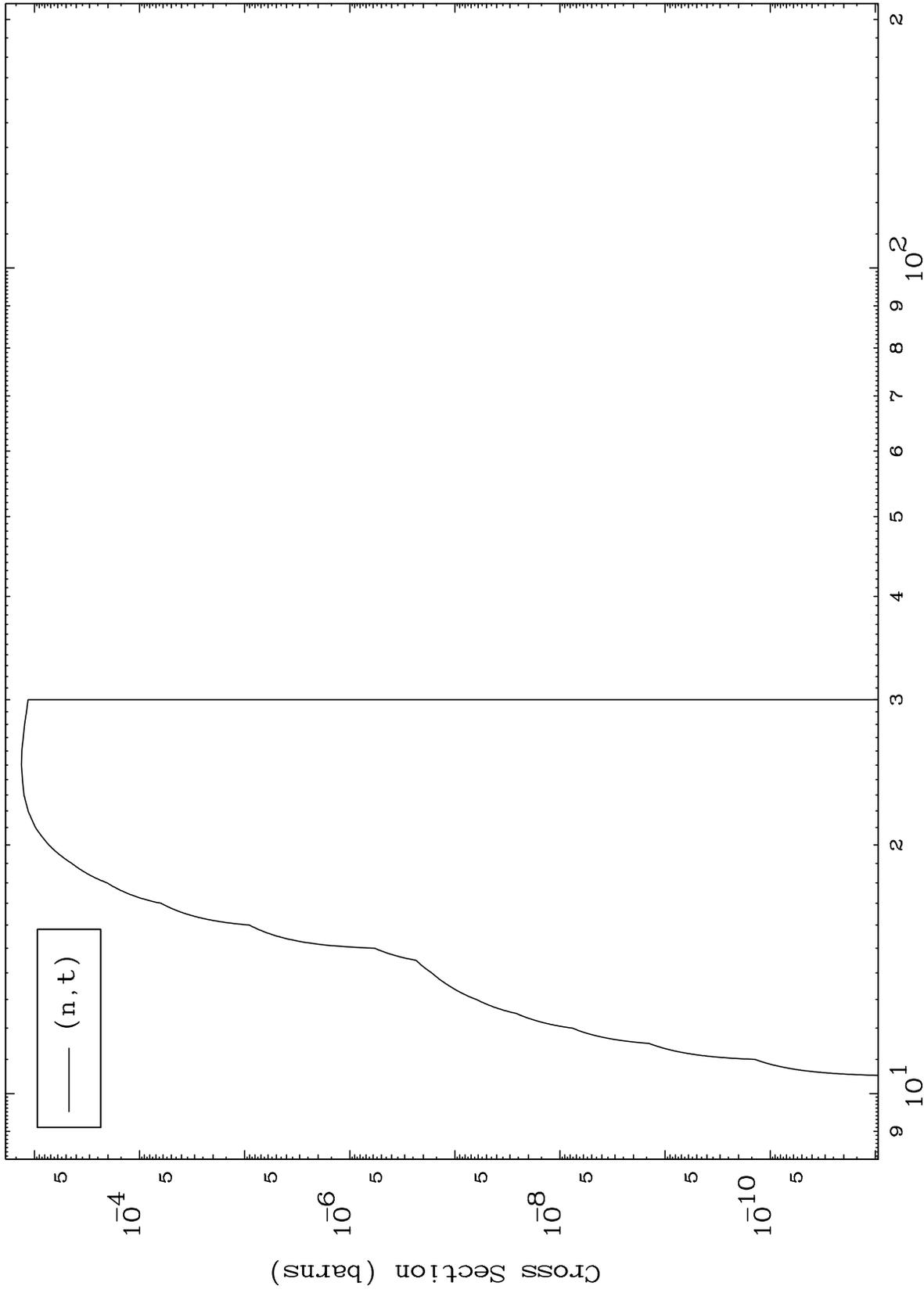
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-80m



13

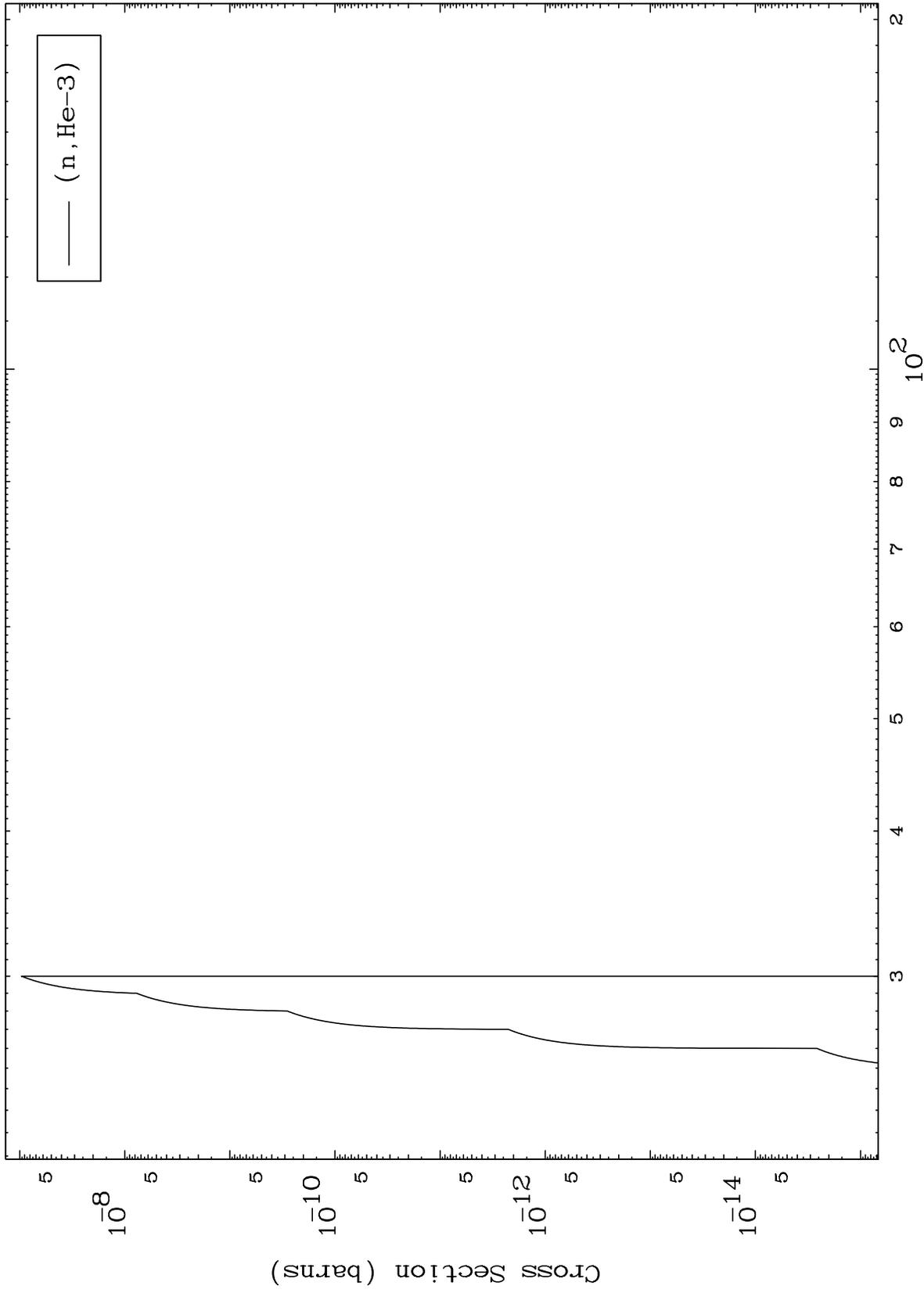
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-80m



14

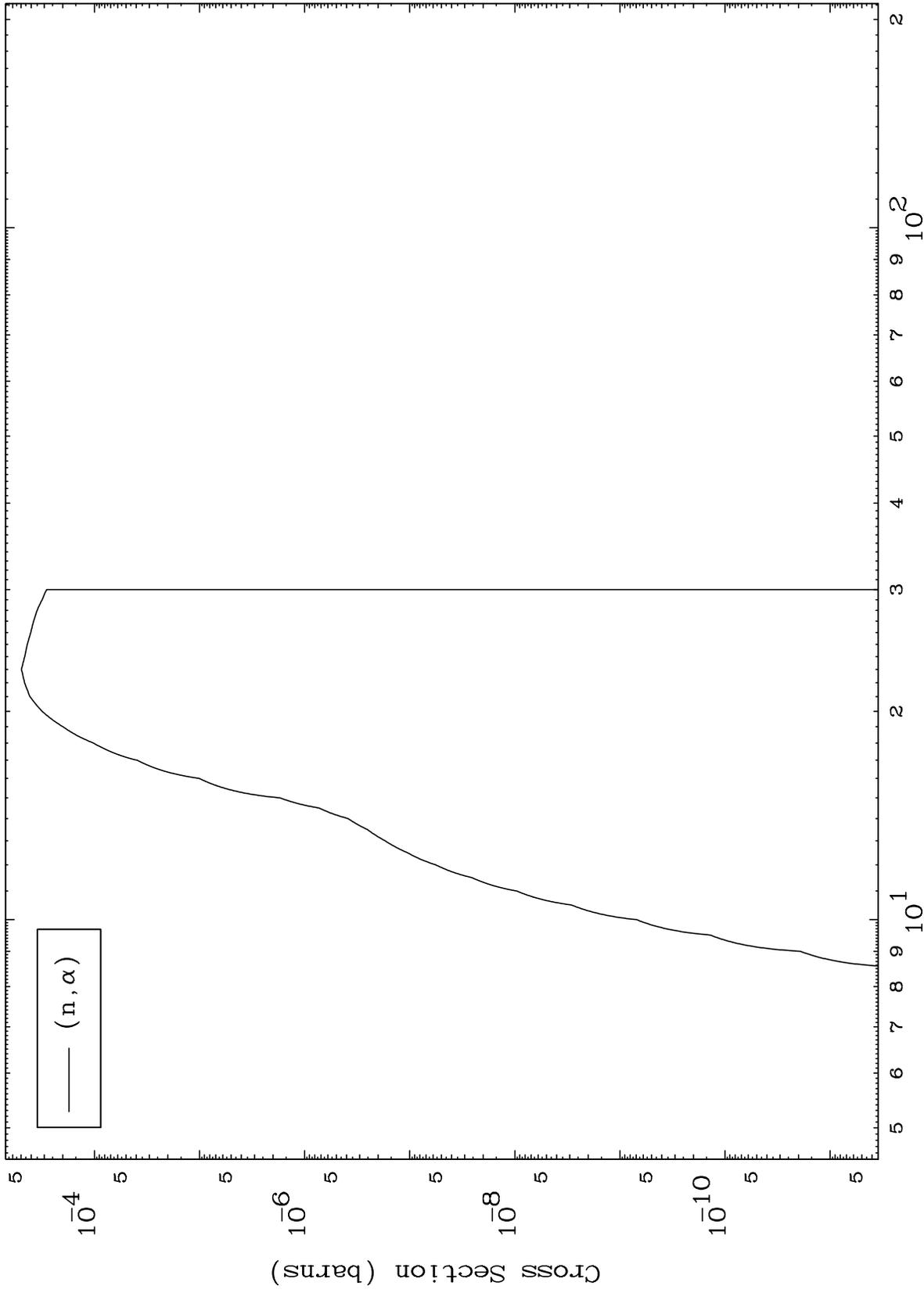
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n,α) Levels
293 Kelvin Cross Sections

31-Ga-80m

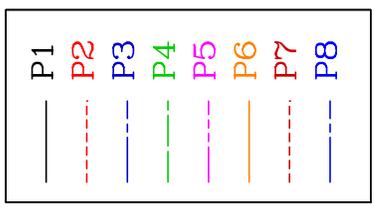


15

MAT 3159

Elastic Legendre Coefficients

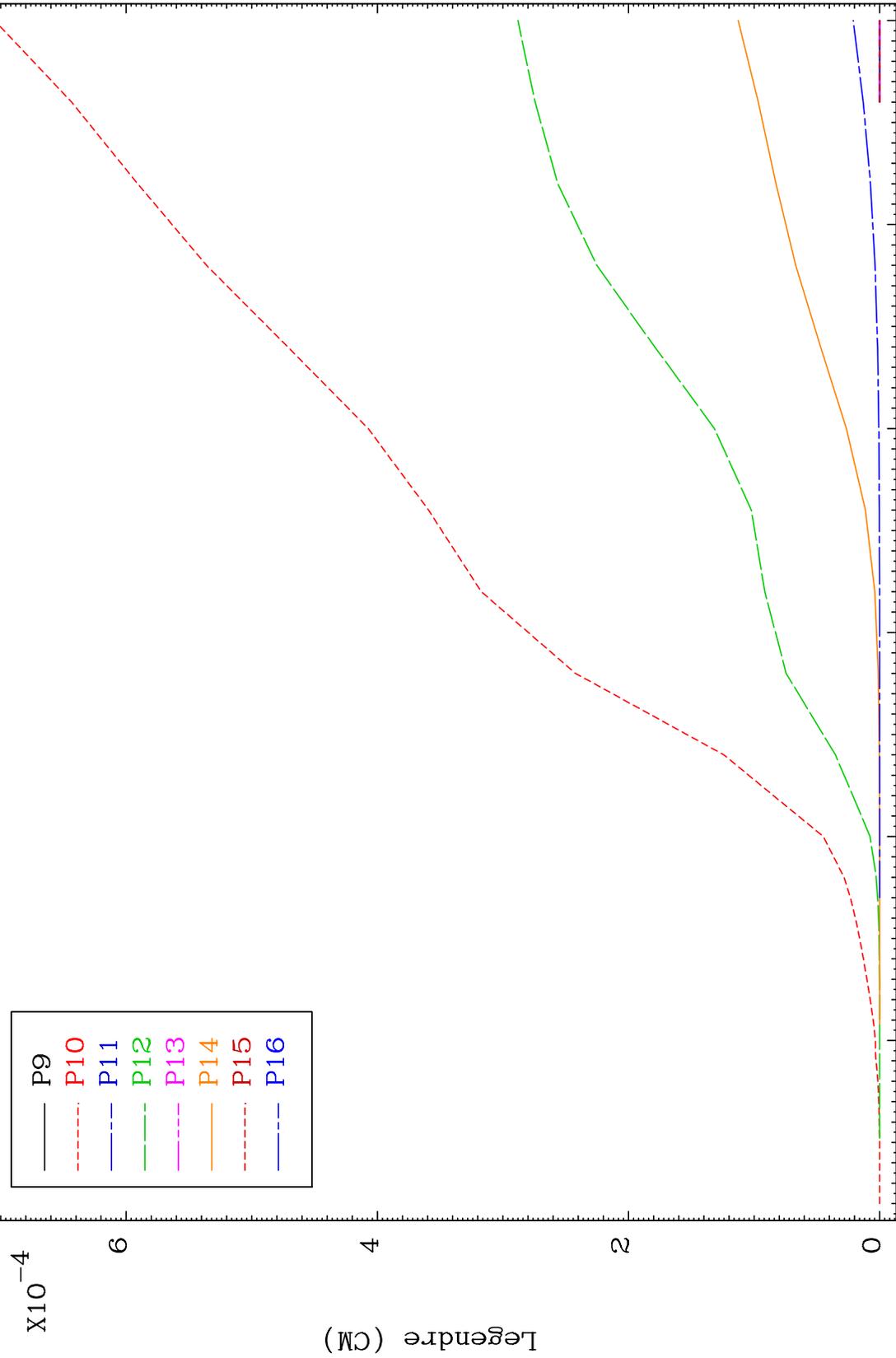
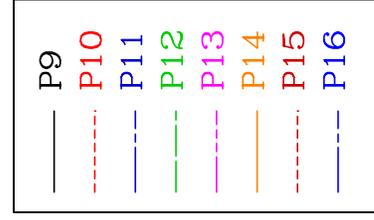
31-Ga-80m



MAT 3159

Elastic Legendre Coefficients

³¹Ga-80m



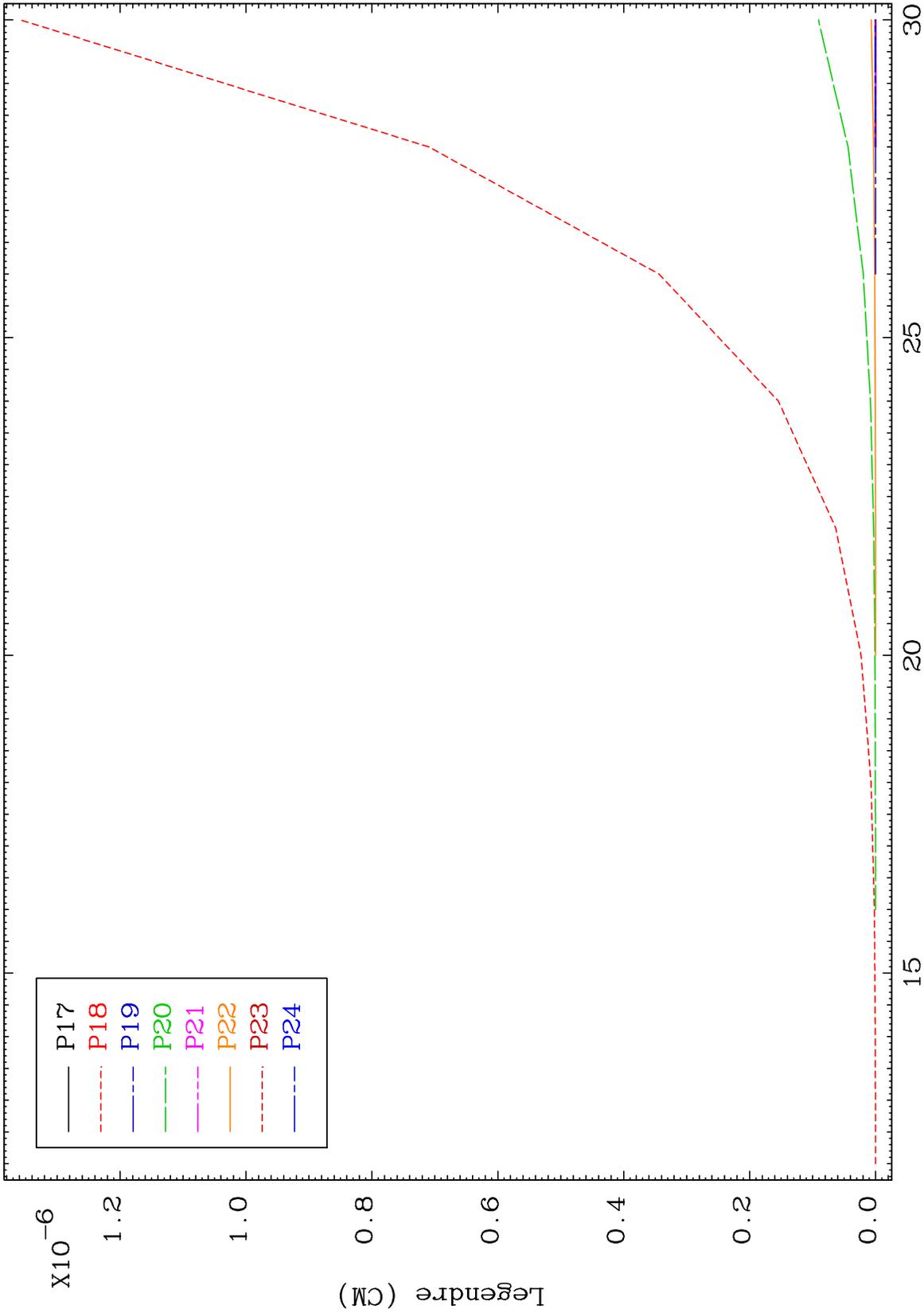
17

³¹Ga-80m

MAT 3159

Elastic Legendre Coefficients

31-Ga-80m



18

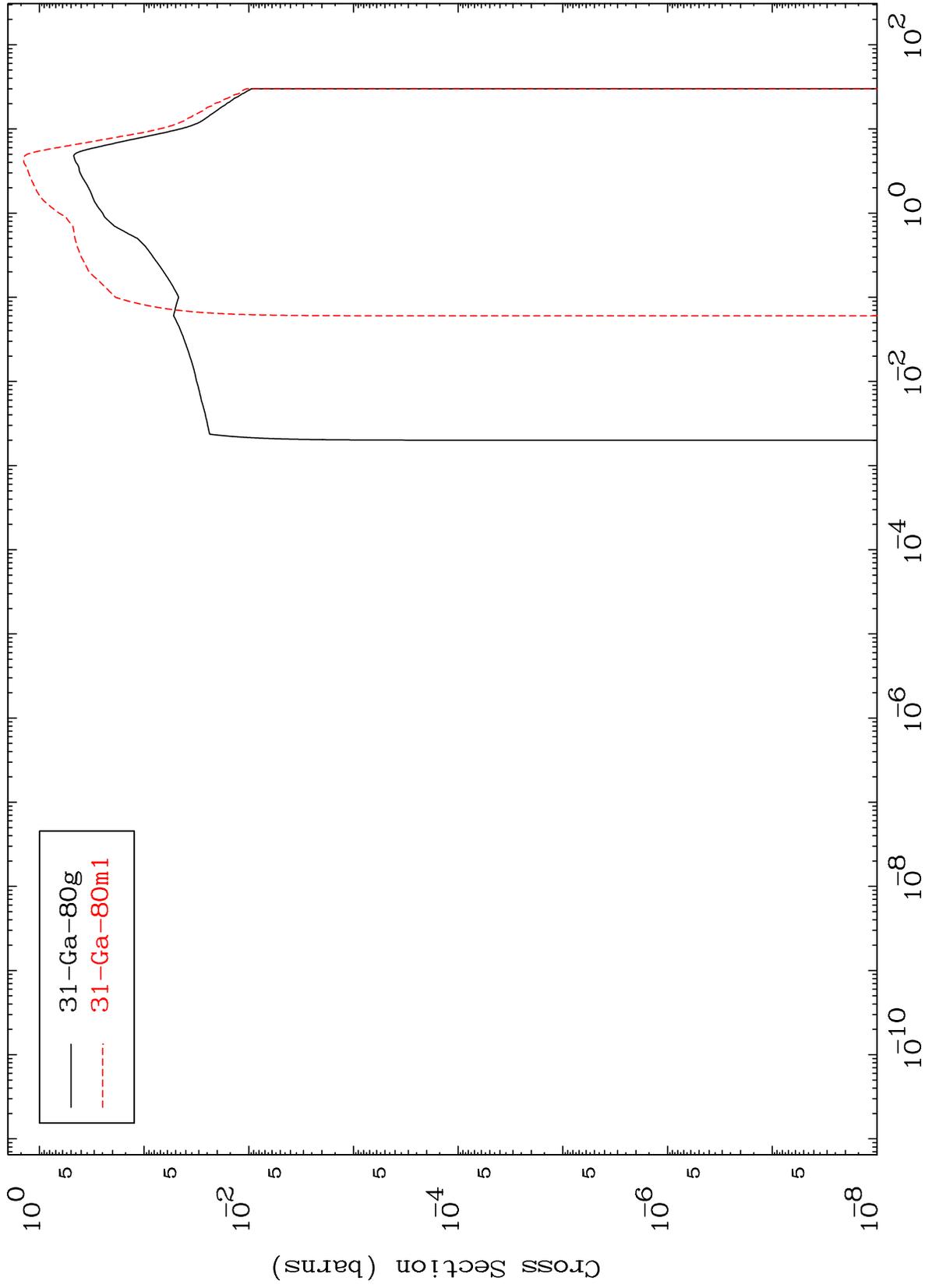
Incident Energy (MeV)

31-Ga-80m

MAT 3159

31-Ga-80m

Inelastic Radionuclide Production Cross Section



19

Incident Energy (MeV)

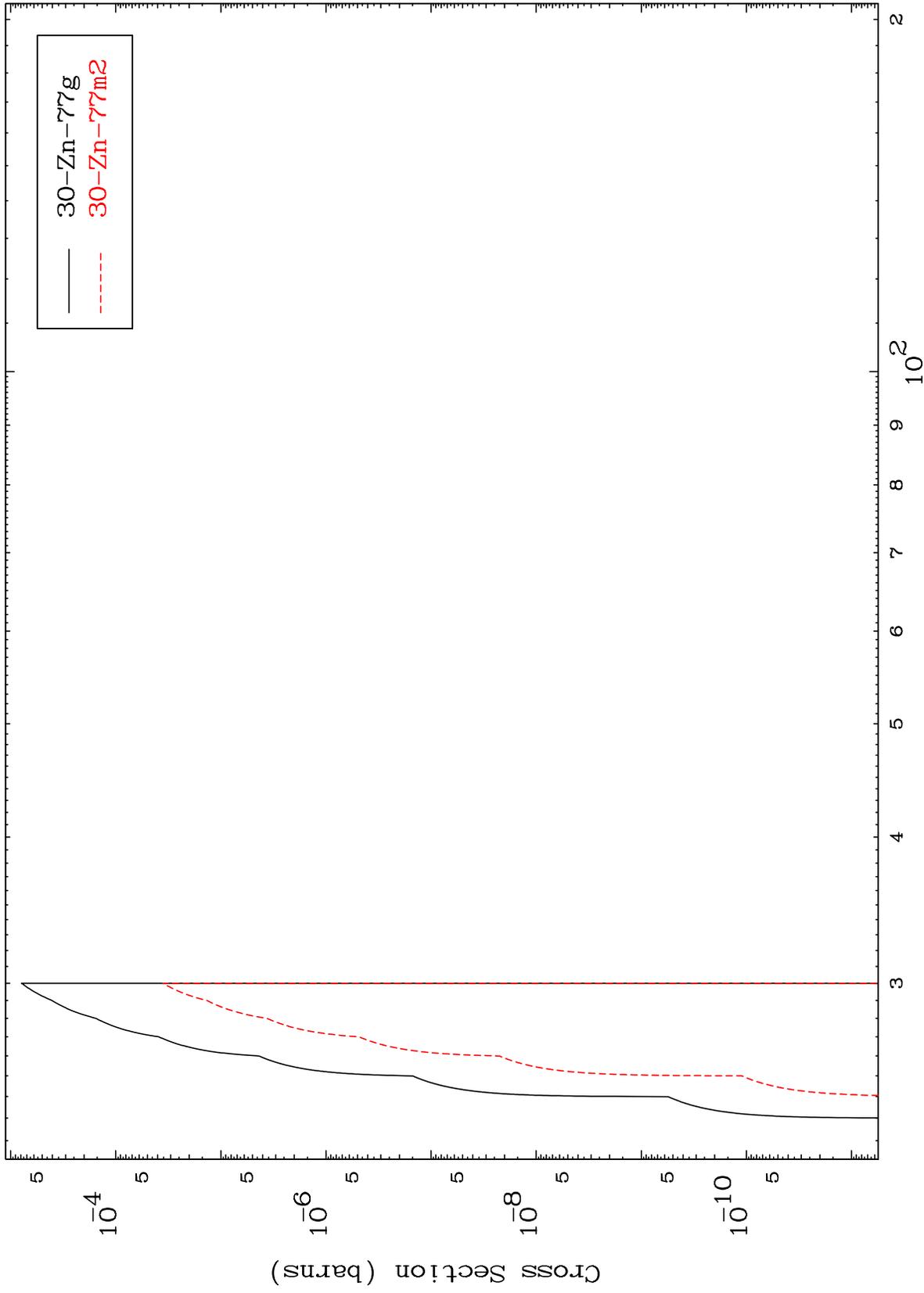
31-Ga-80m

MAT 3159

(n,2n) d

31-Ga-80m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

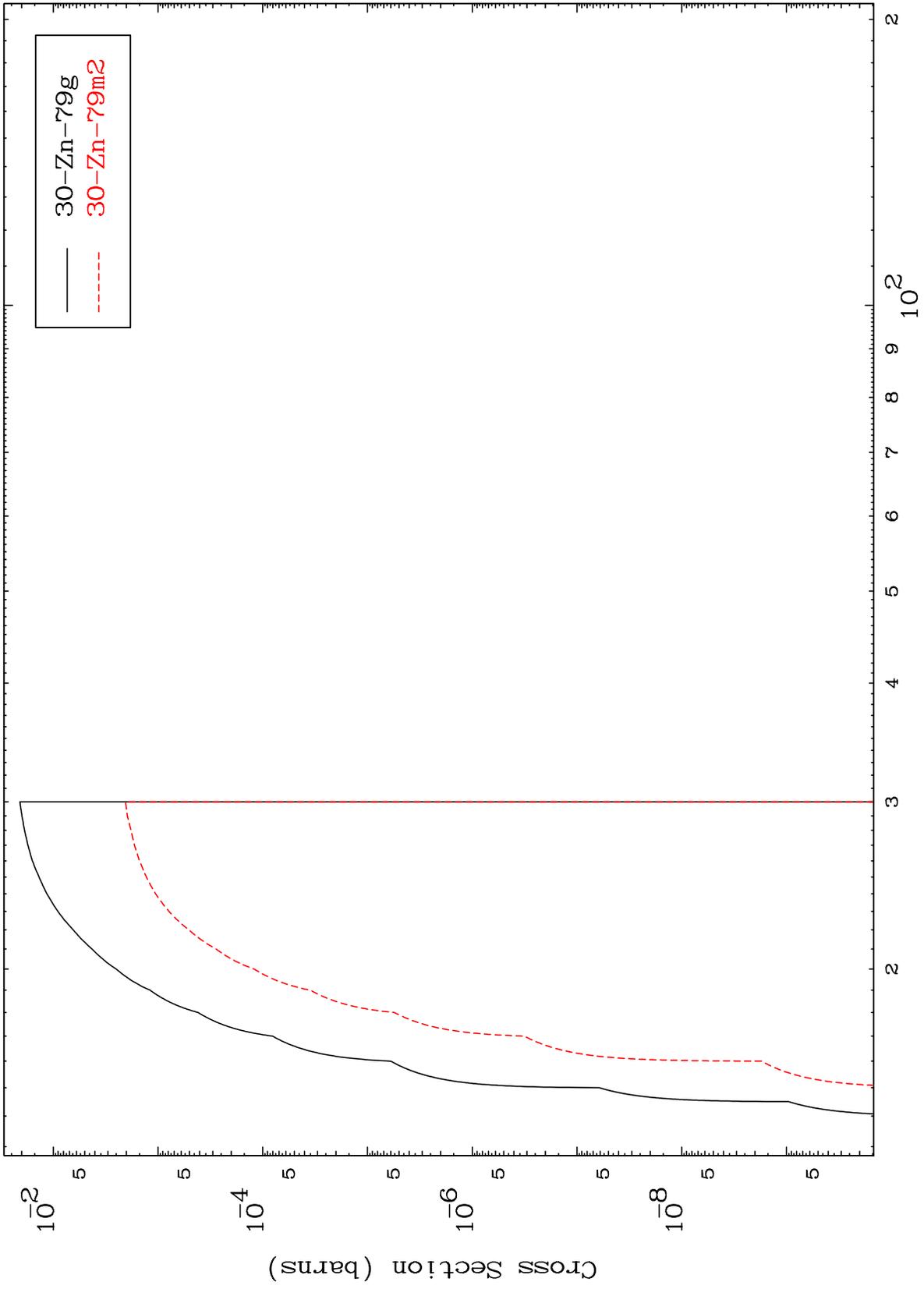
31-Ga-80m

MAT 3159

(n,n') p

31-Ga-80m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

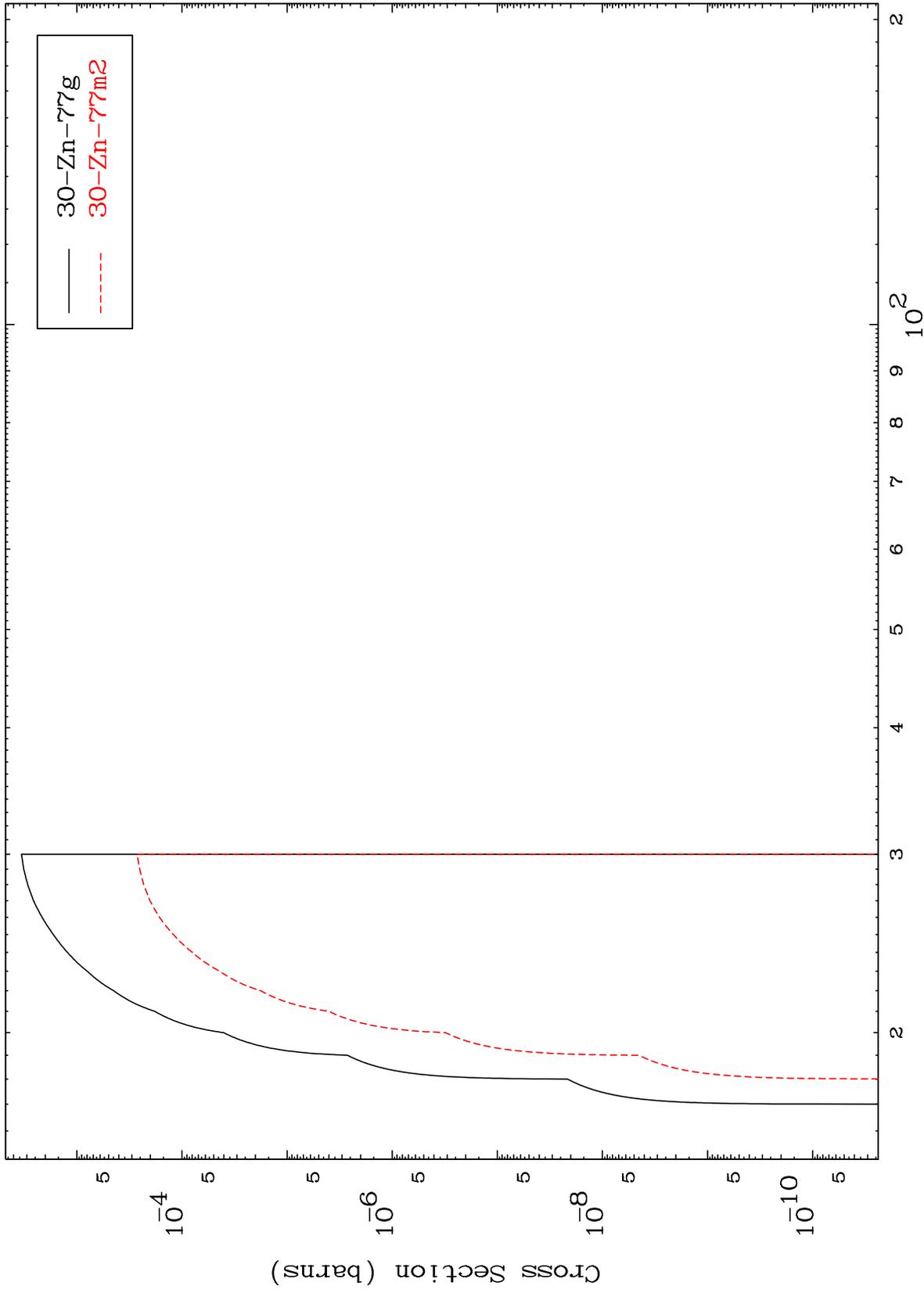
31-Ga-80m

MAT 3159

(n,n') t

31-Ga-80m

Radionuclide Production Cross Section



22

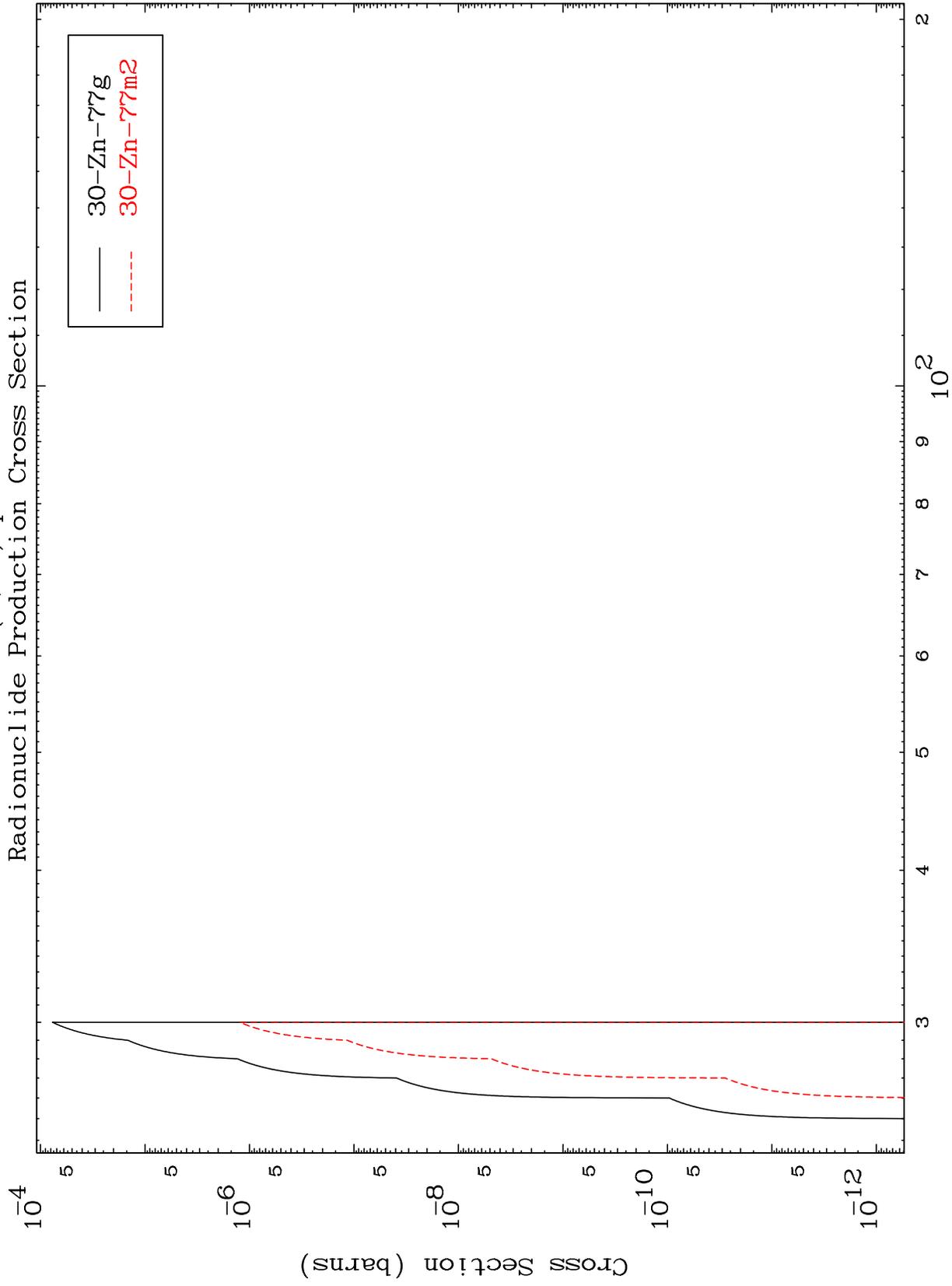
Incident Energy (MeV)

31-Ga-80m

MAT 3159

(n,3n) p

31-Ga-80m



23

31-Ga-80m

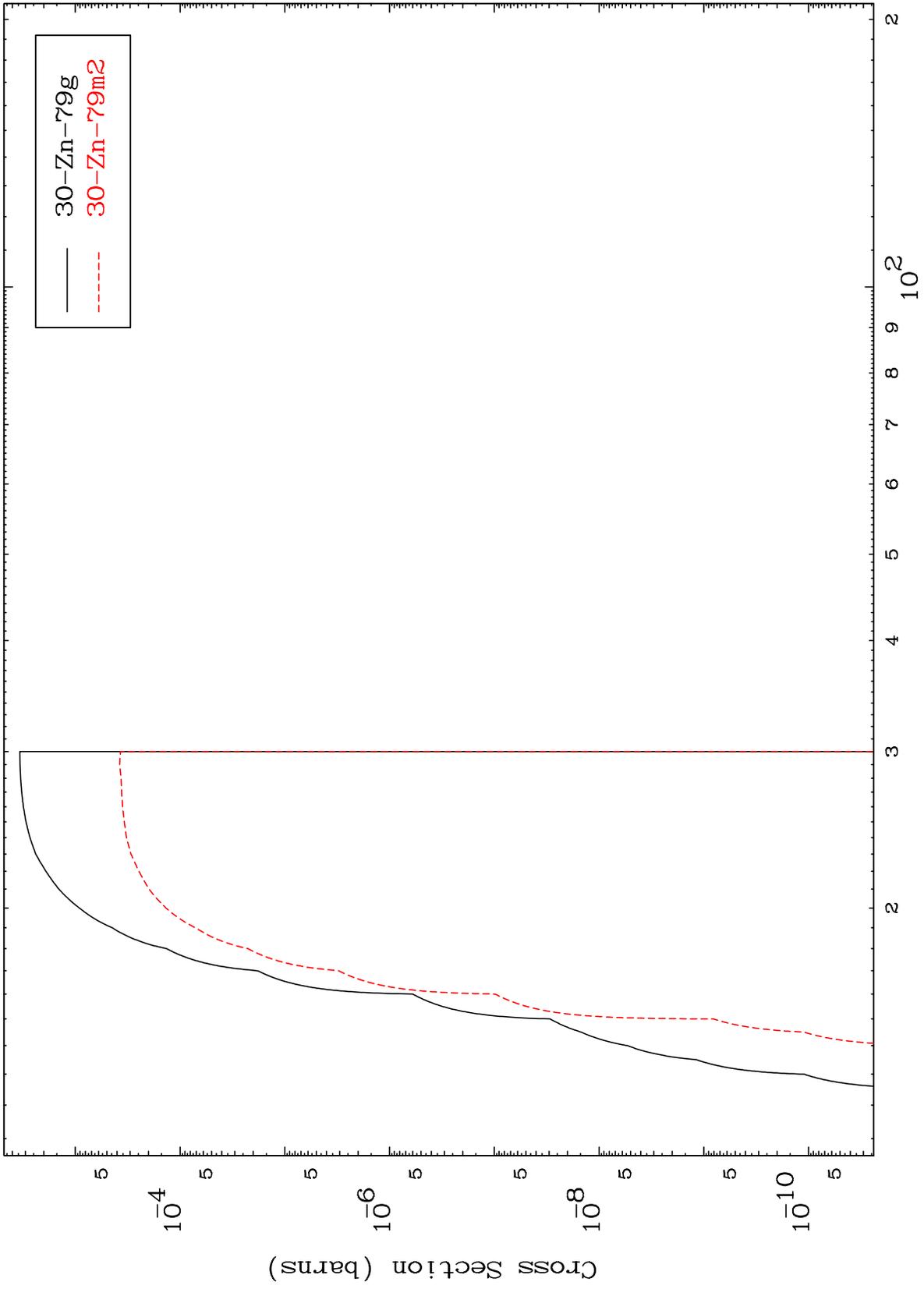
31-Ga-80m

MAT 3159

(n,d)

31-Ga-80m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

31-Ga-80m