

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

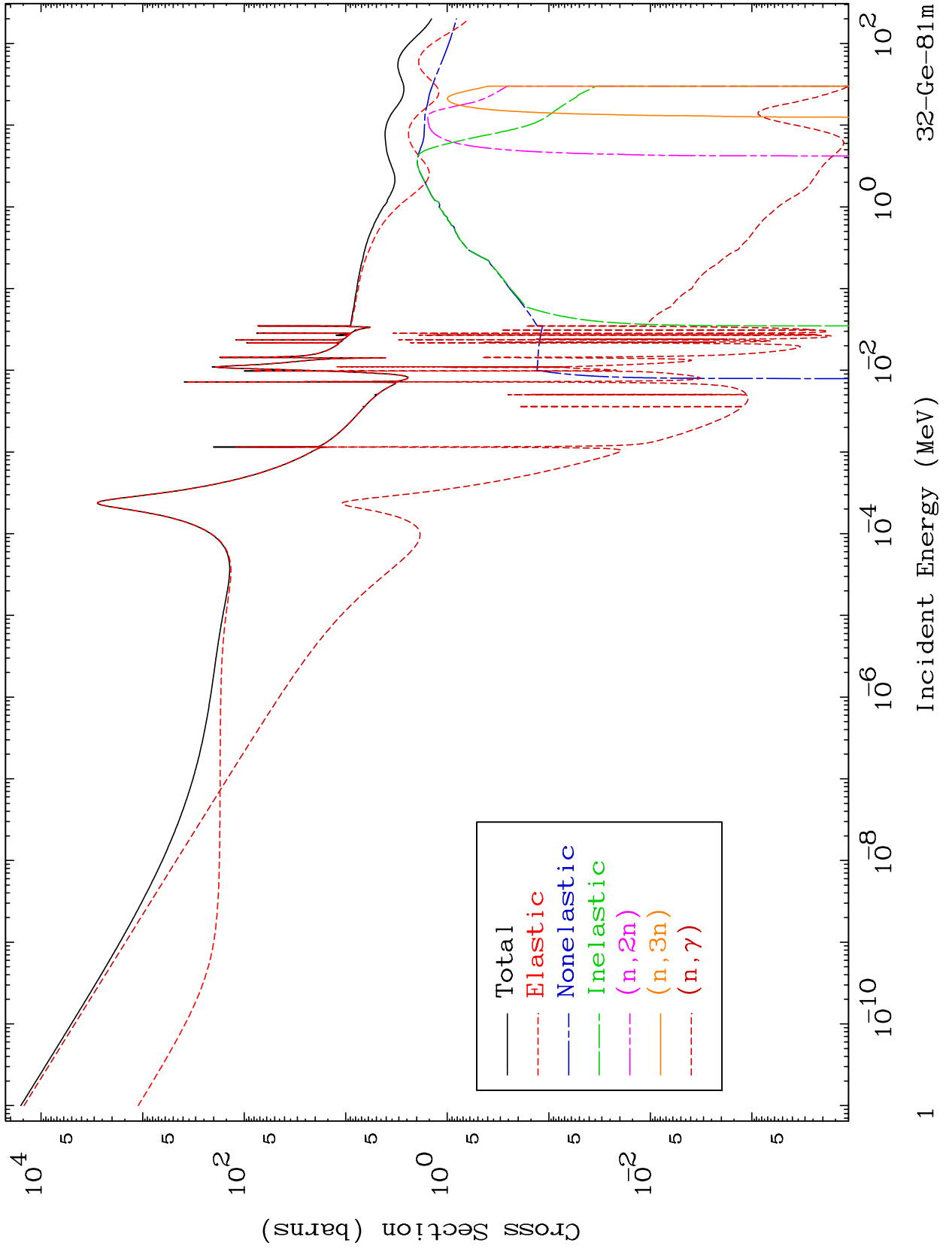
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3259

Neutron Major
293 Kelvin Cross Sections

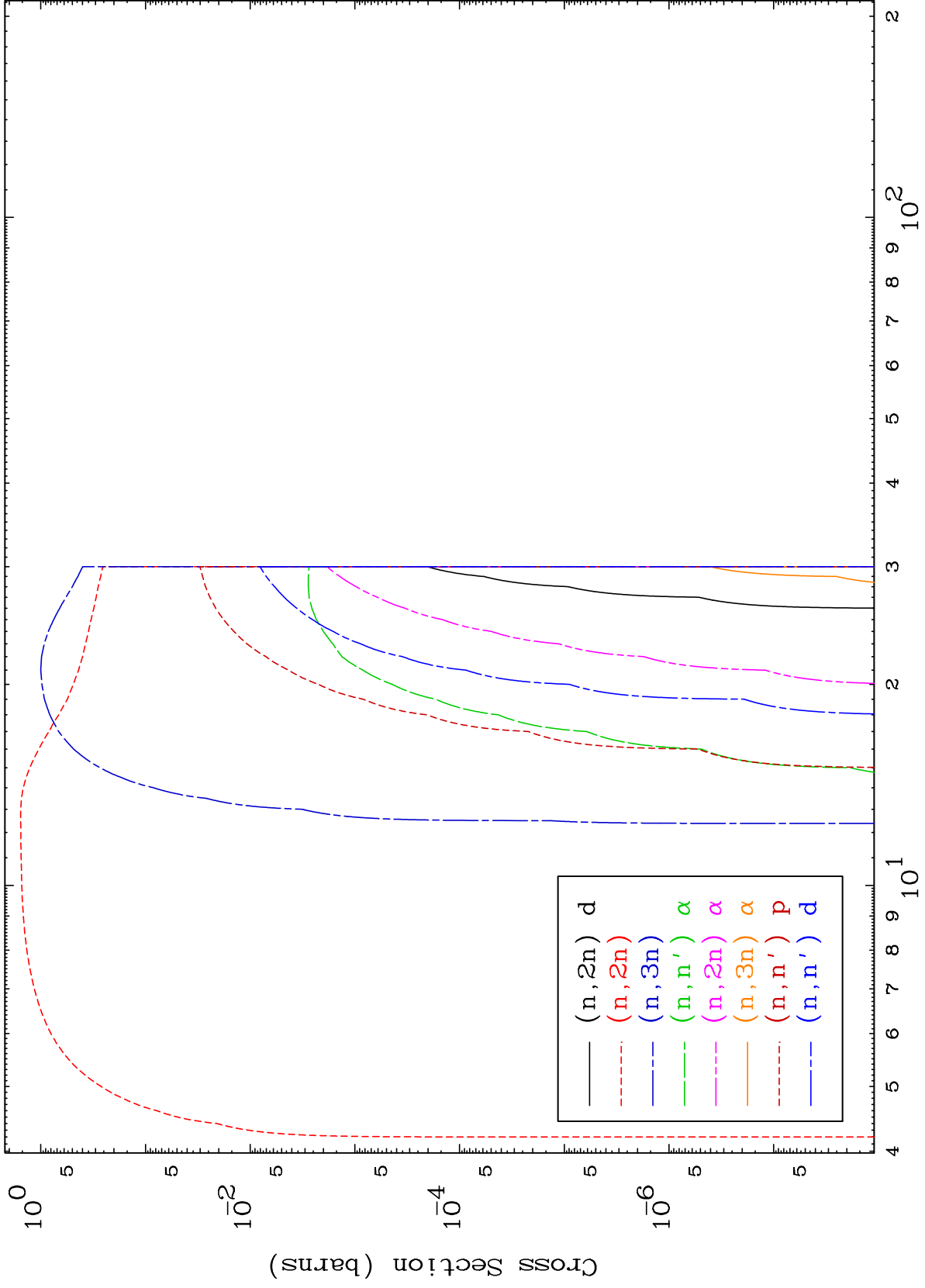
32-Ge-81m



MAT 3259

Neutron Absorption
293 Kelvin Cross Sections

³²Ge-81m



³²Ge-81m

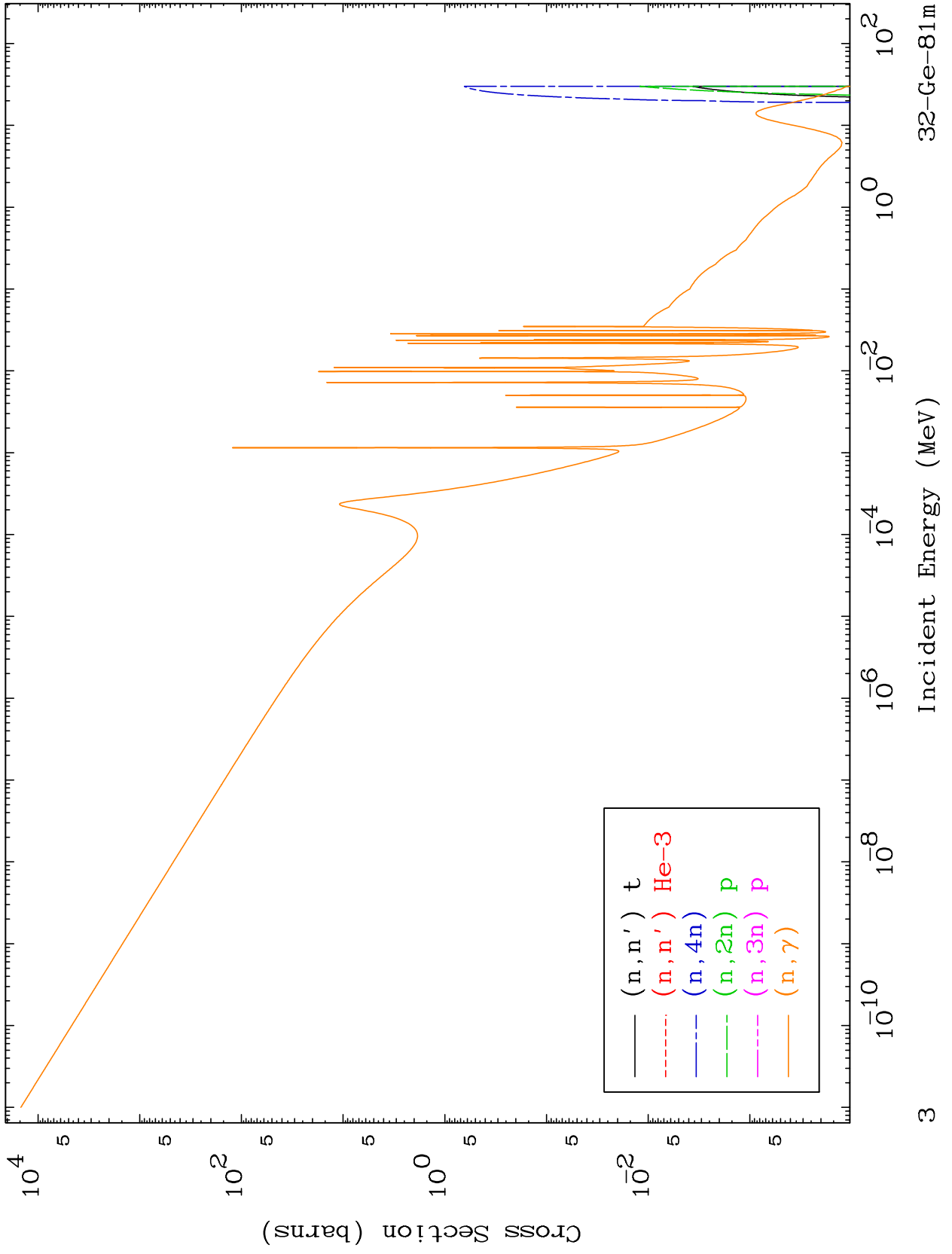
Incident Energy (MeV)

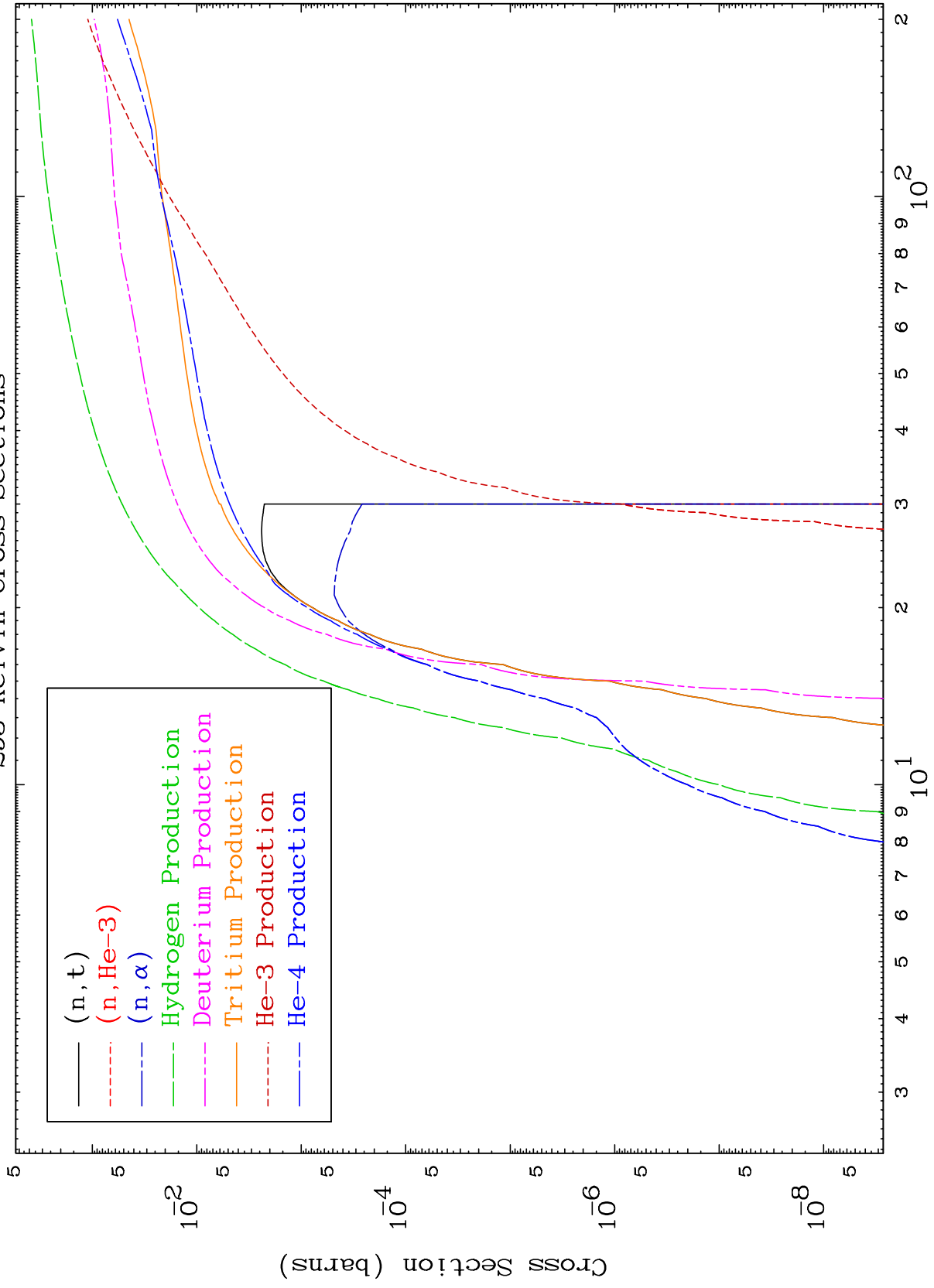
2

MAT 3259

Neutron Absorption
293 Kelvin Cross Sections

32-Ge-81m

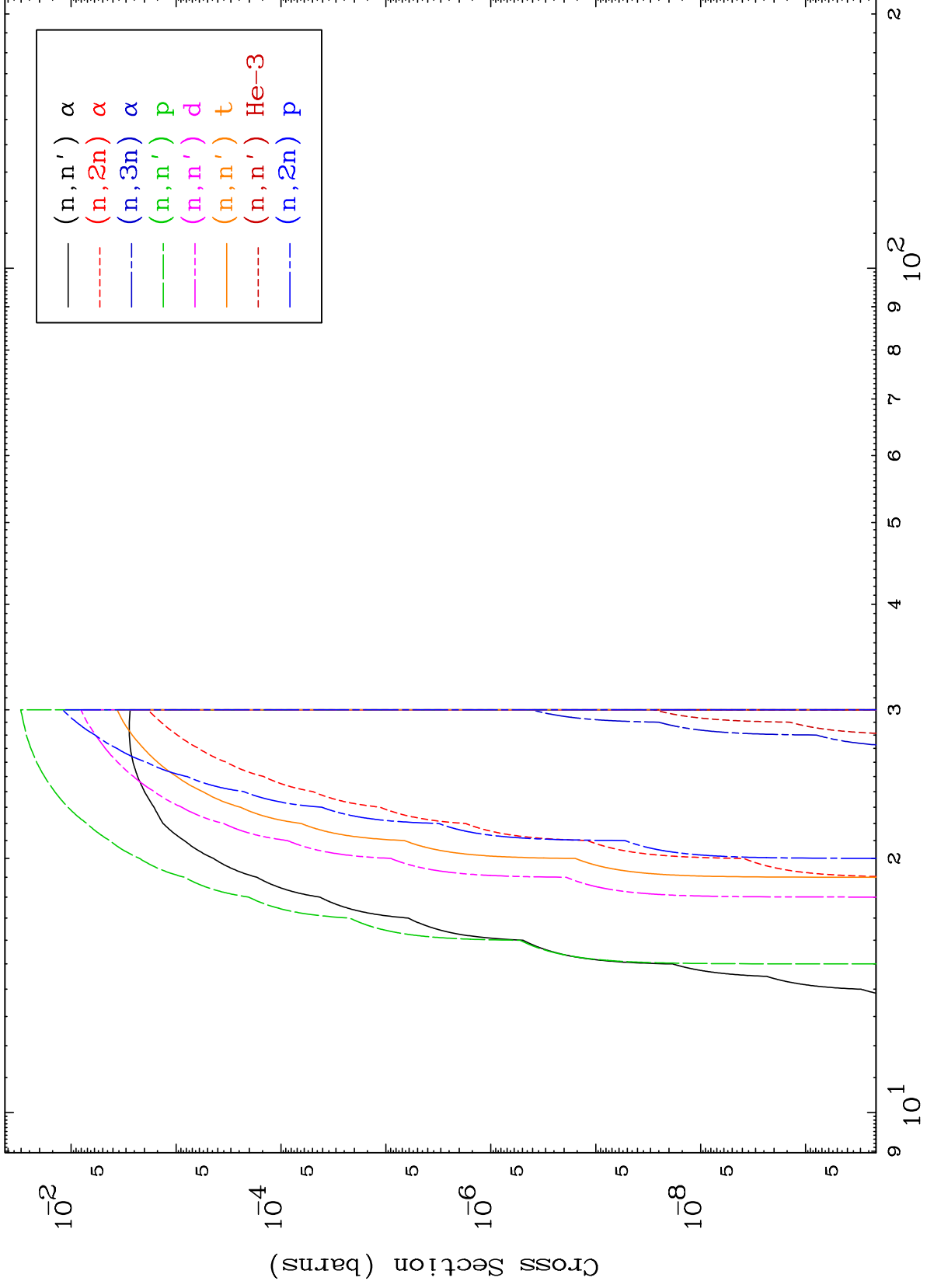




MAT 3259

Charged Particle
293 Kelvin Cross Sections

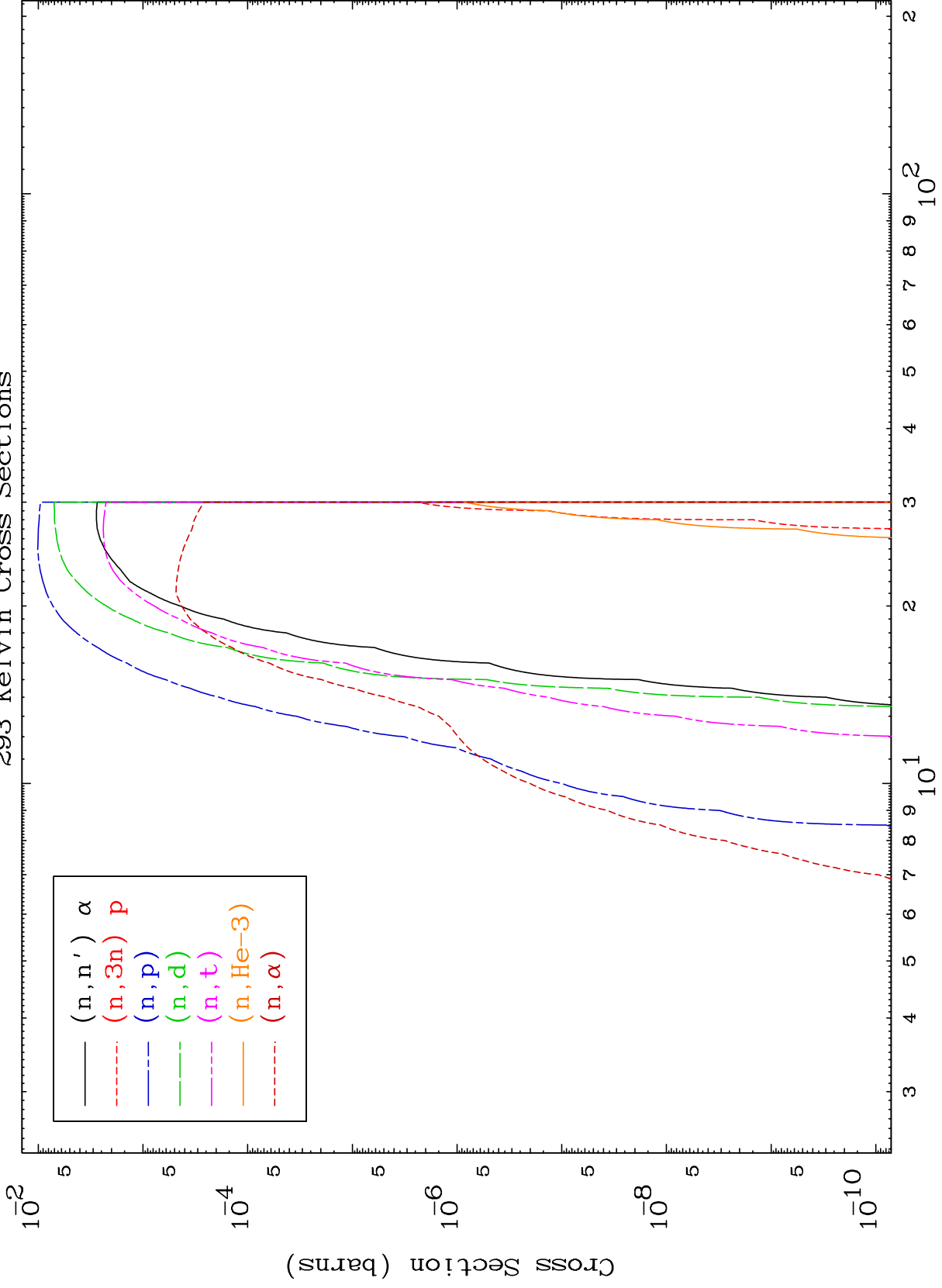
³²Ge-81m



³²Ge-81m

Incident Energy (MeV)

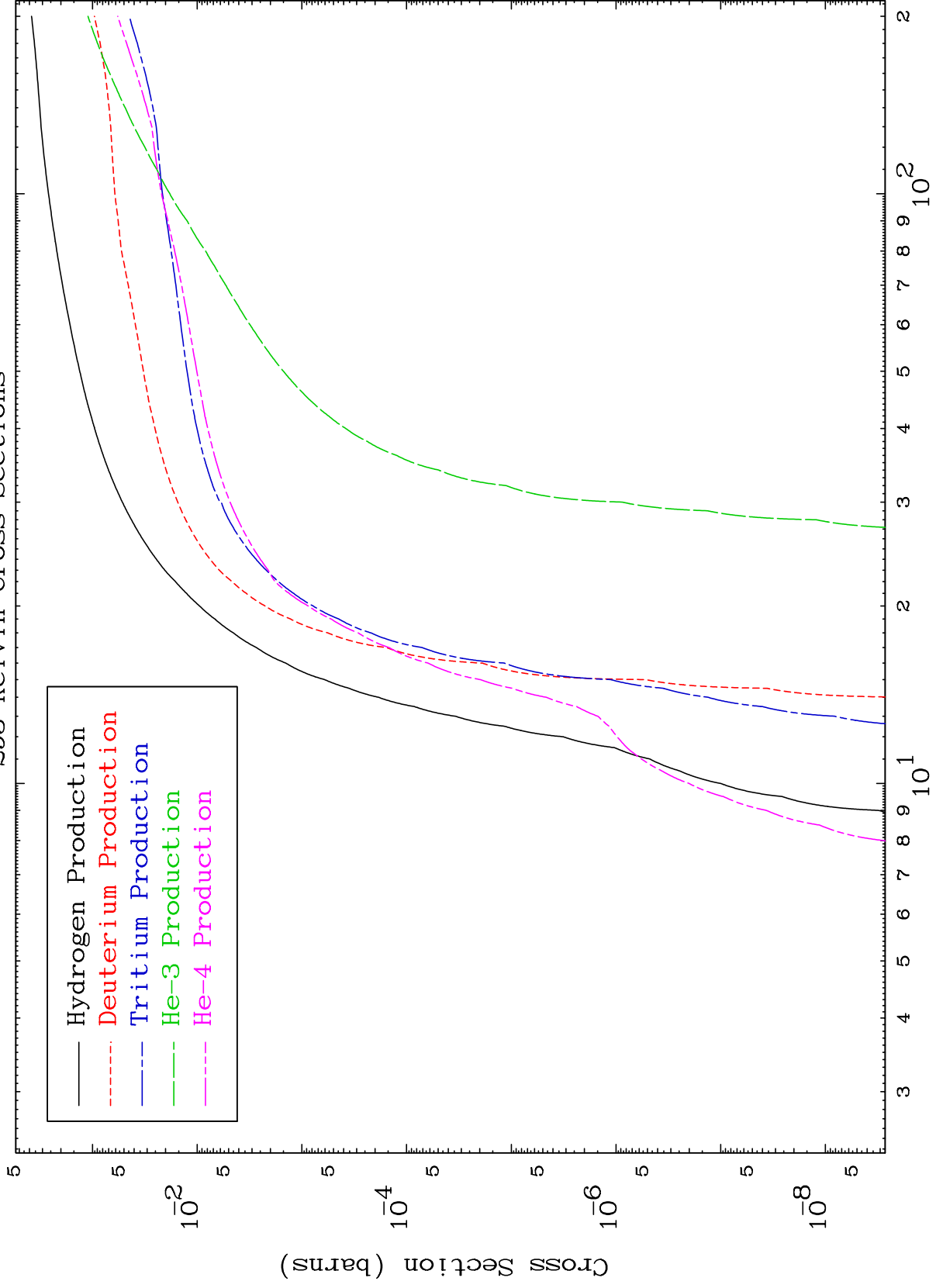
5



MAT 3259

Particle Production
293 Kelvin Cross Sections

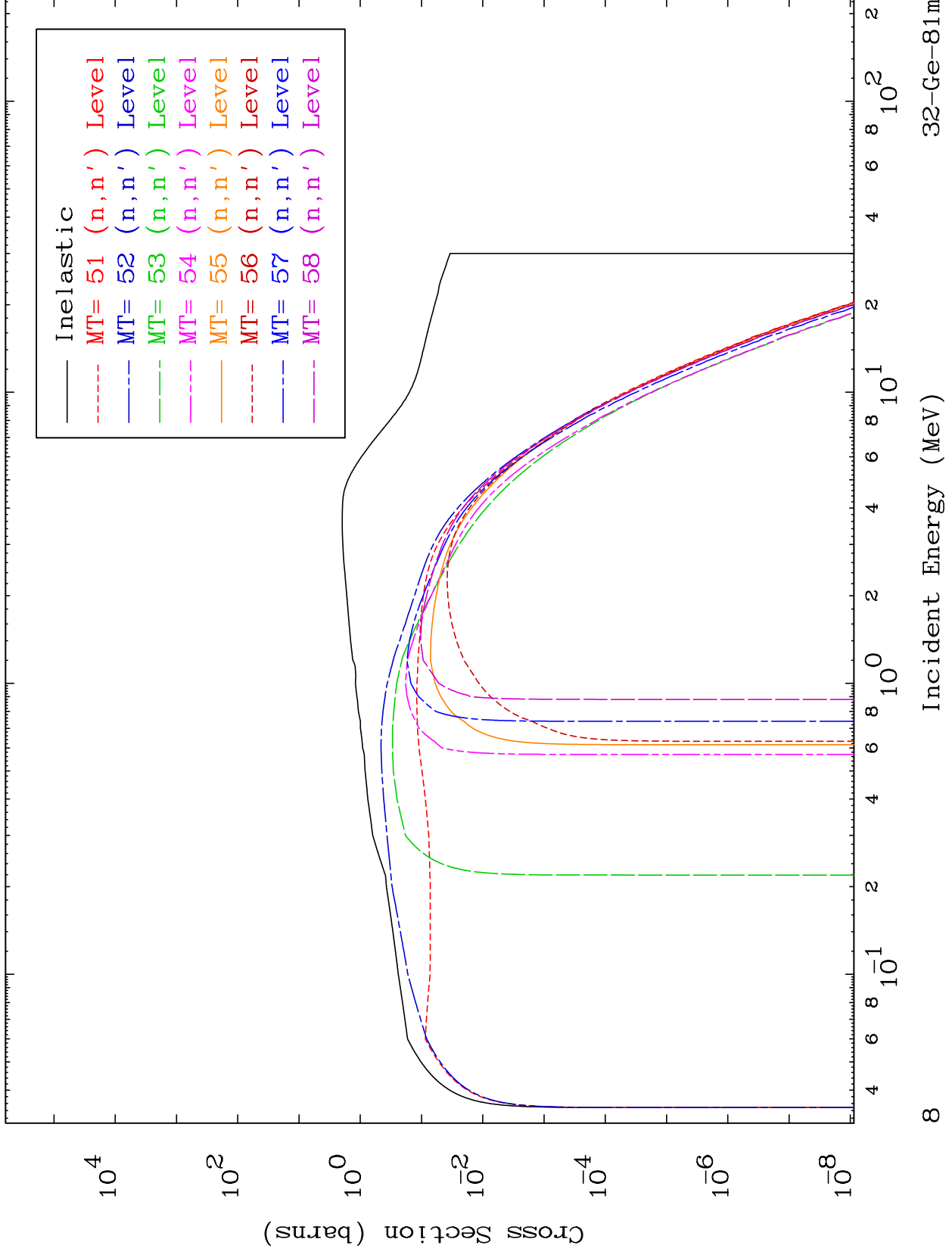
32-Ge-81m



MAT 3259

(n,n') Levels
293 Kelvin Cross Sections

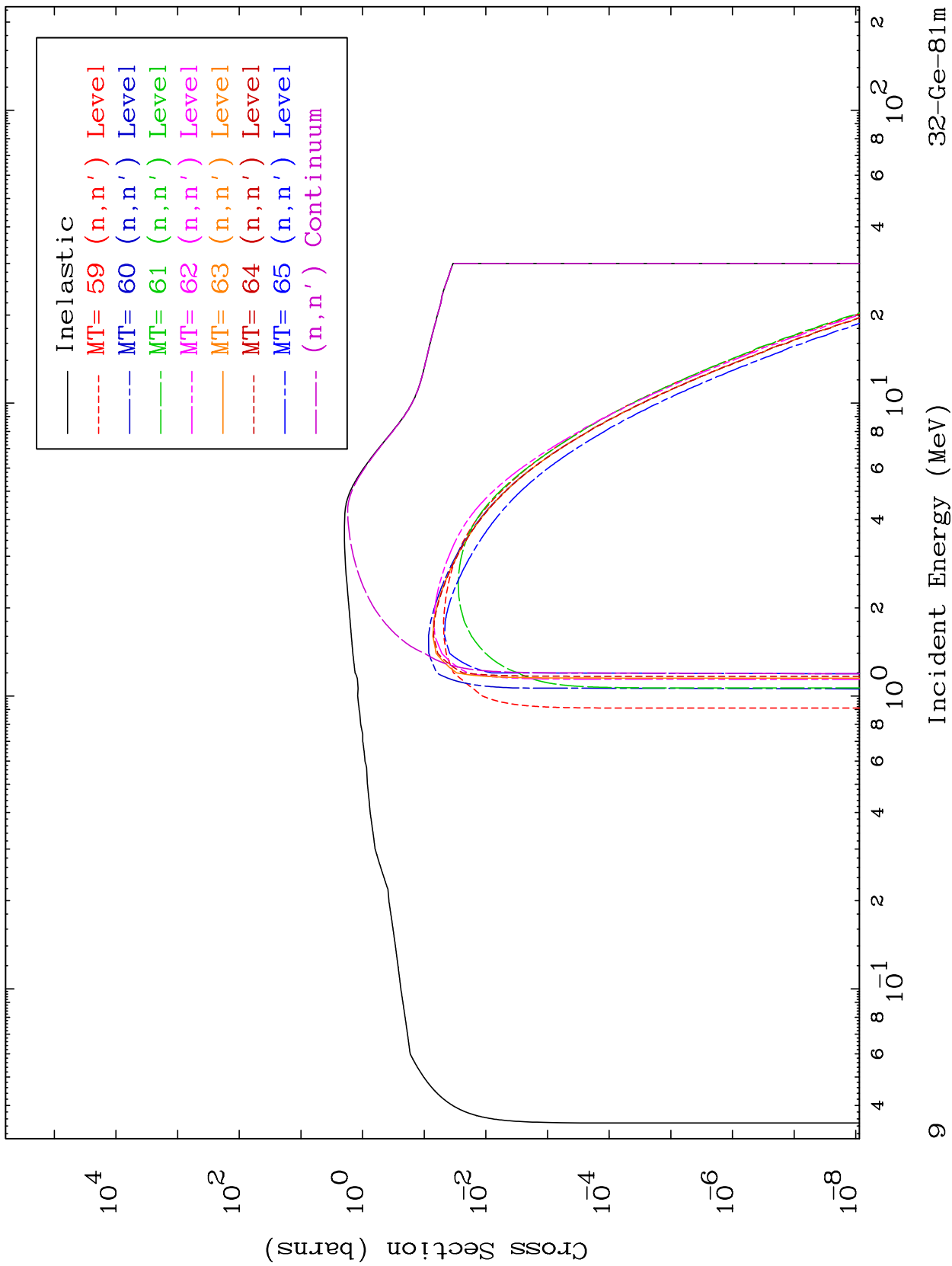
32-Ge-81m



MAT 3259

(n,n') Levels
293 Kelvin Cross Sections

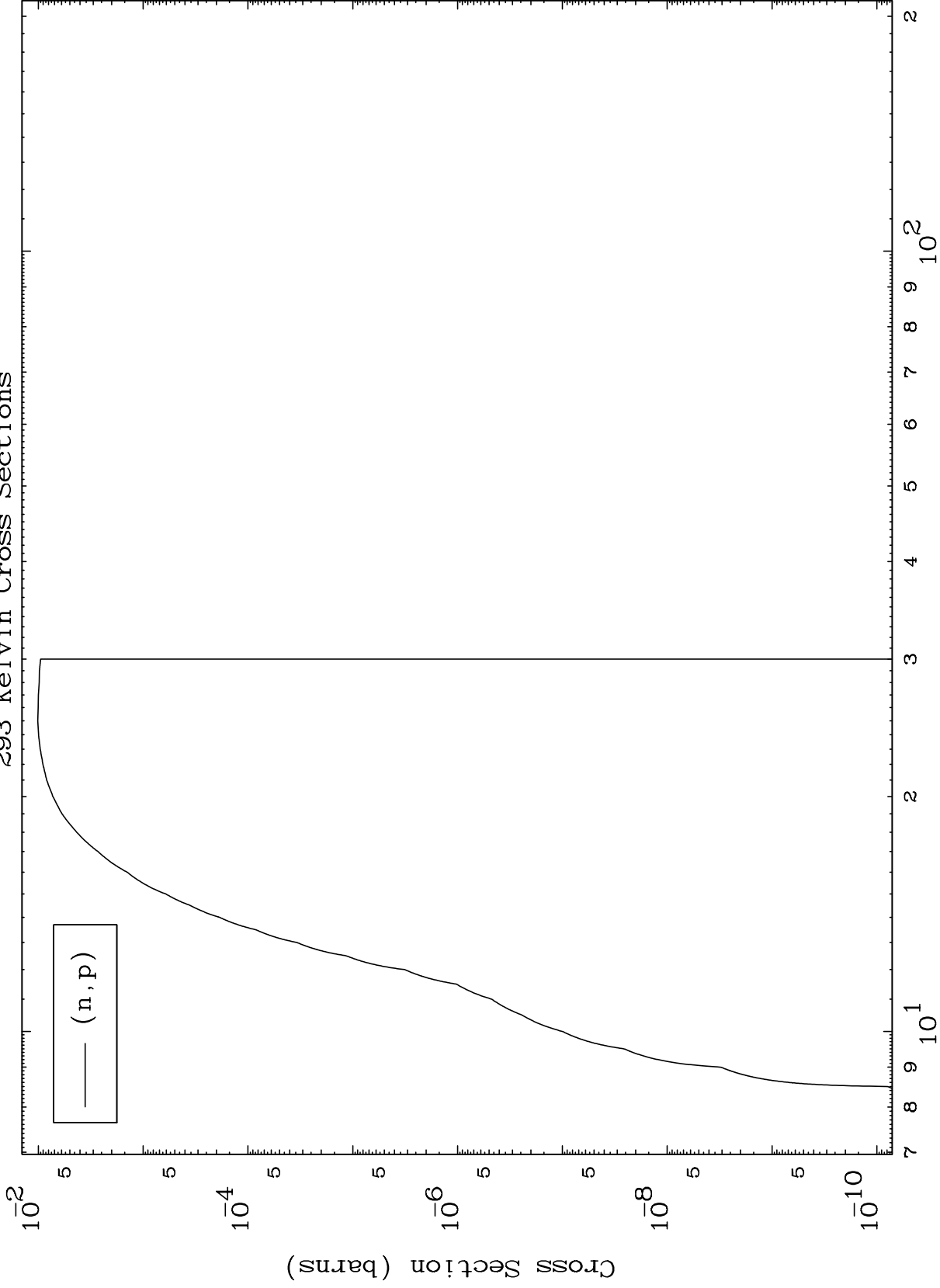
32-Ge-81m



MAT 3259

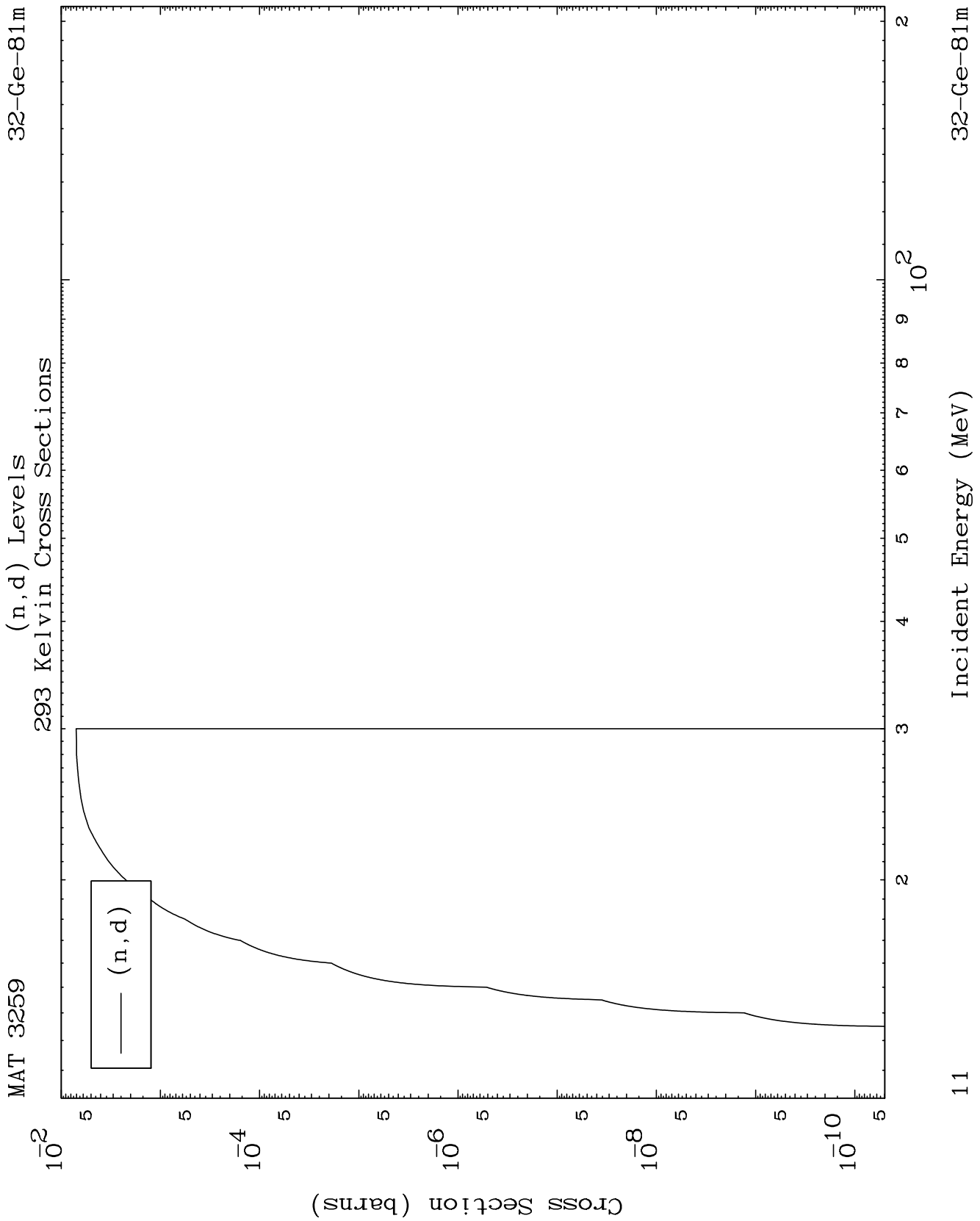
(n,p) Levels
293 Kelvin Cross Sections

³²Ge-81m



Incident Energy (MeV)

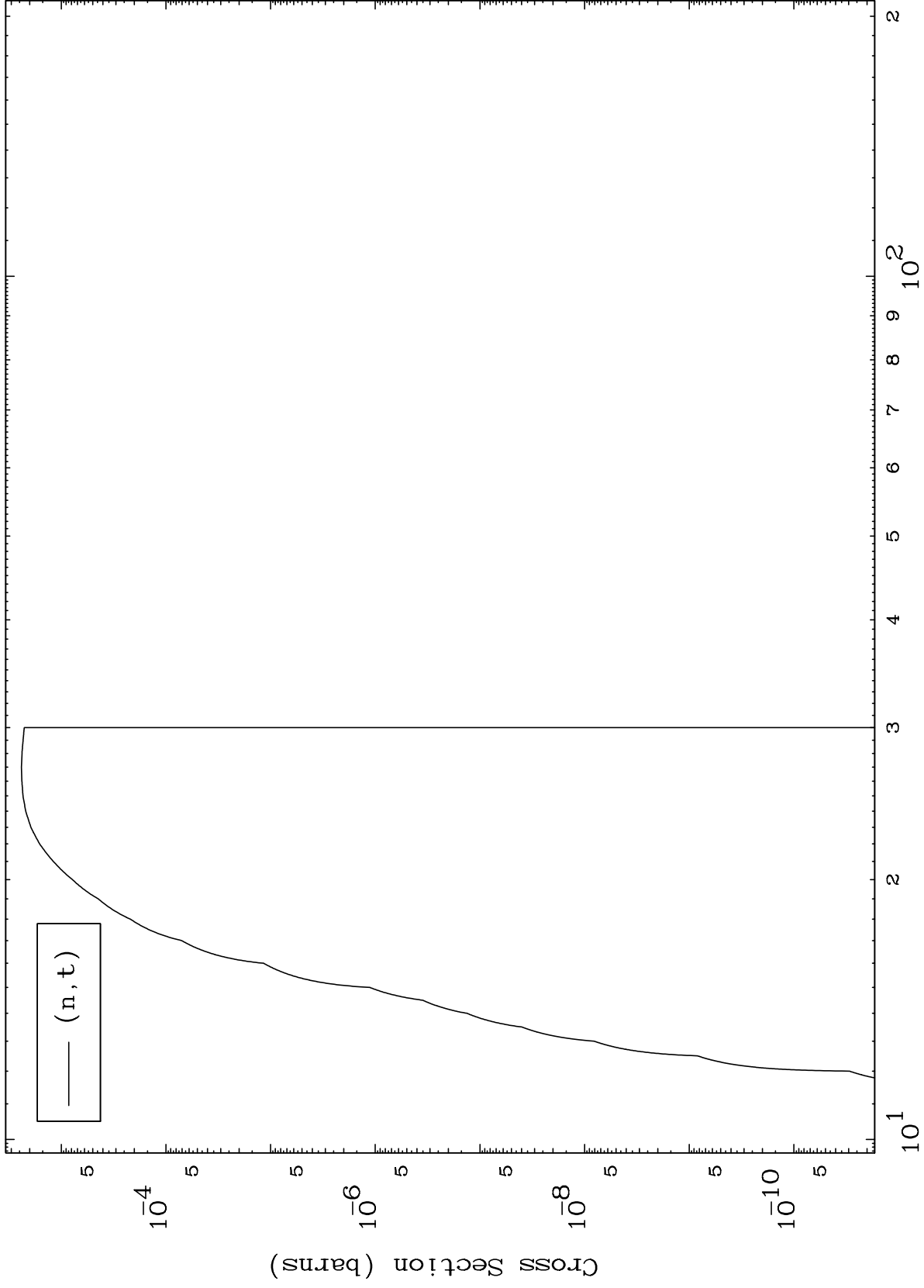
³²Ge-81m



MAT 3259

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-81m



32-Ge-81m

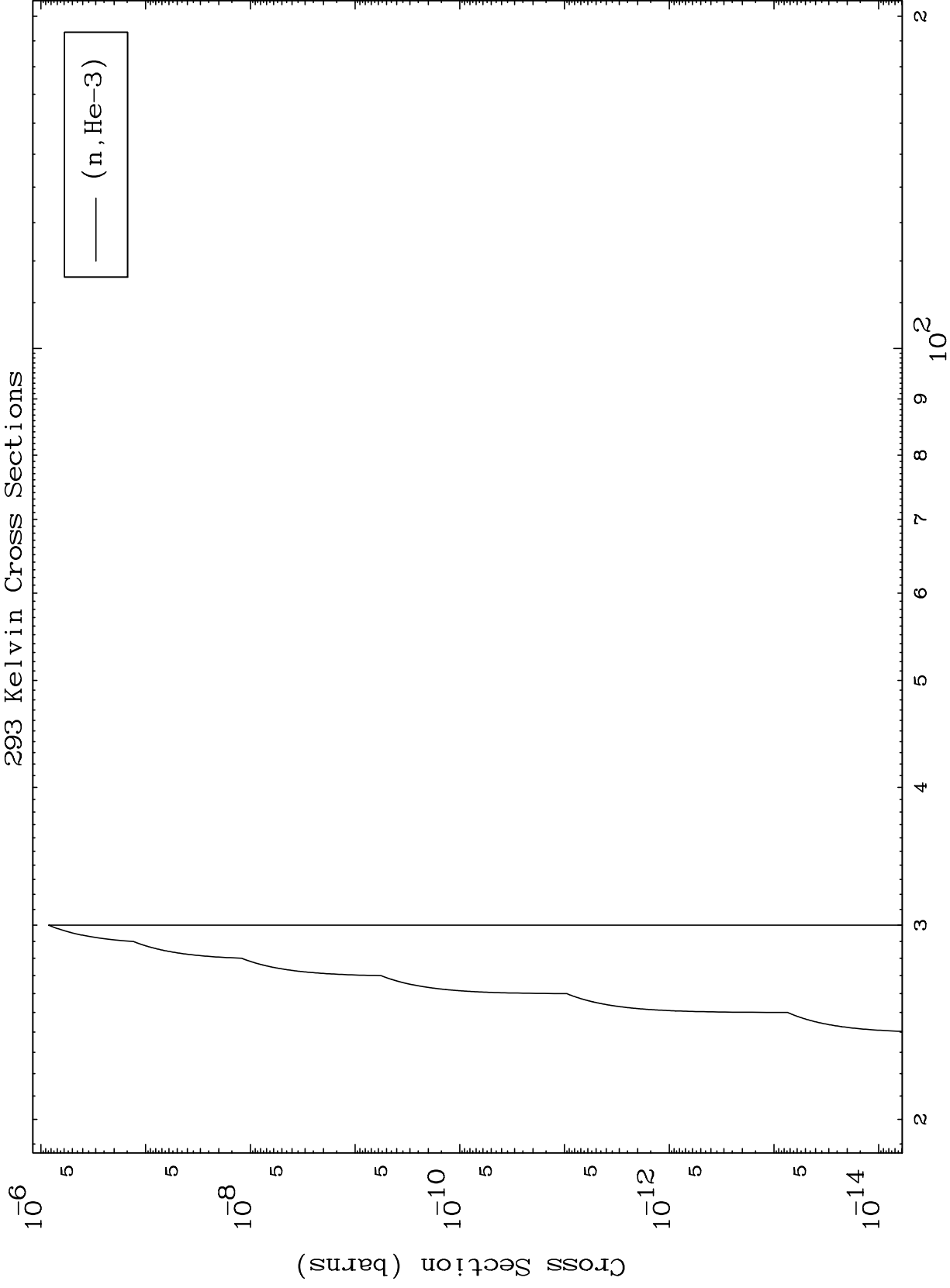
Incident Energy (MeV)

12

MAT 3259

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-81m



13

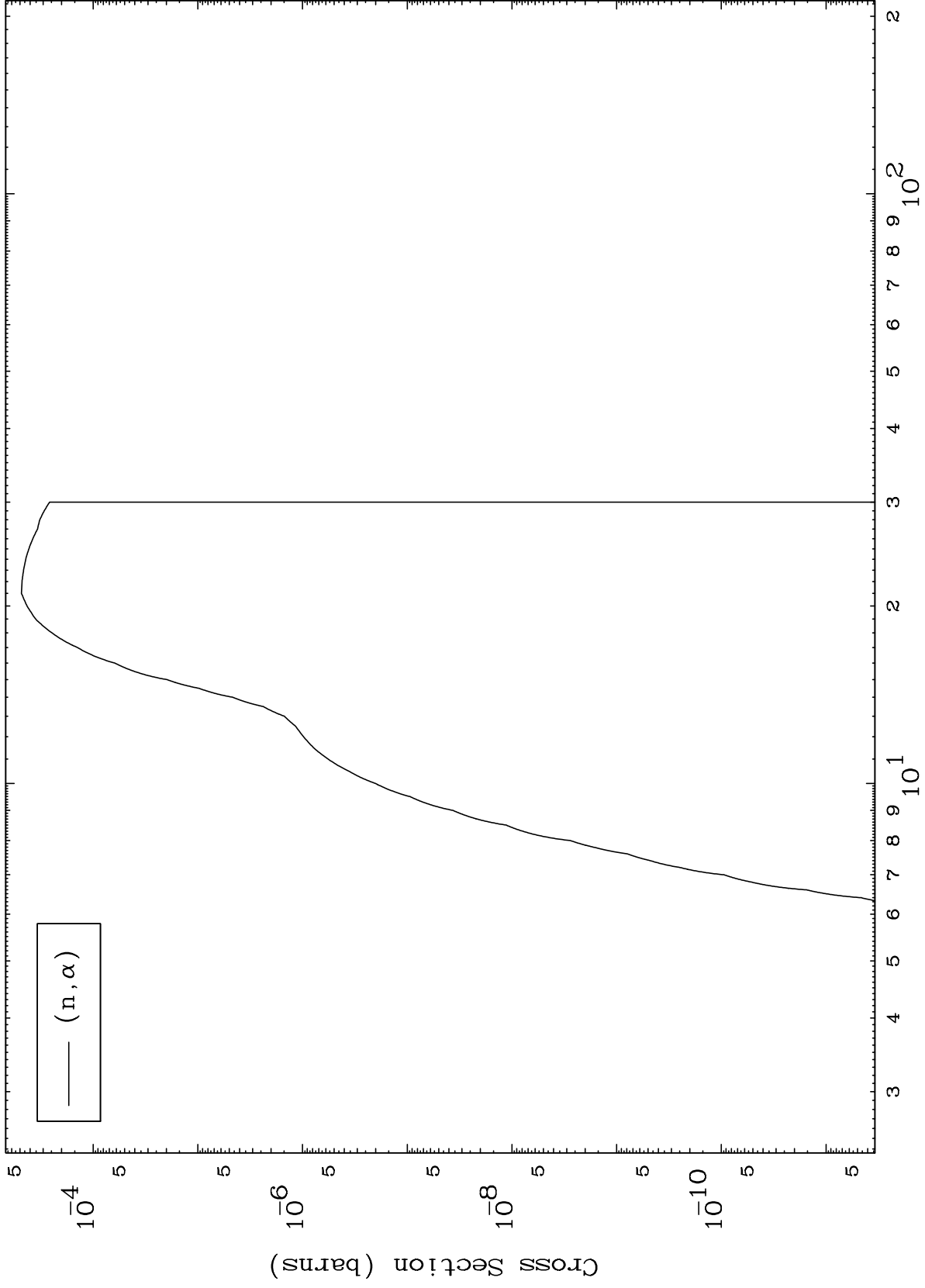
Incident Energy (MeV)

32-Ge-81m

MAT 3259

(n, α) Levels
293 Kelvin Cross Sections

32-Ge-81m



14

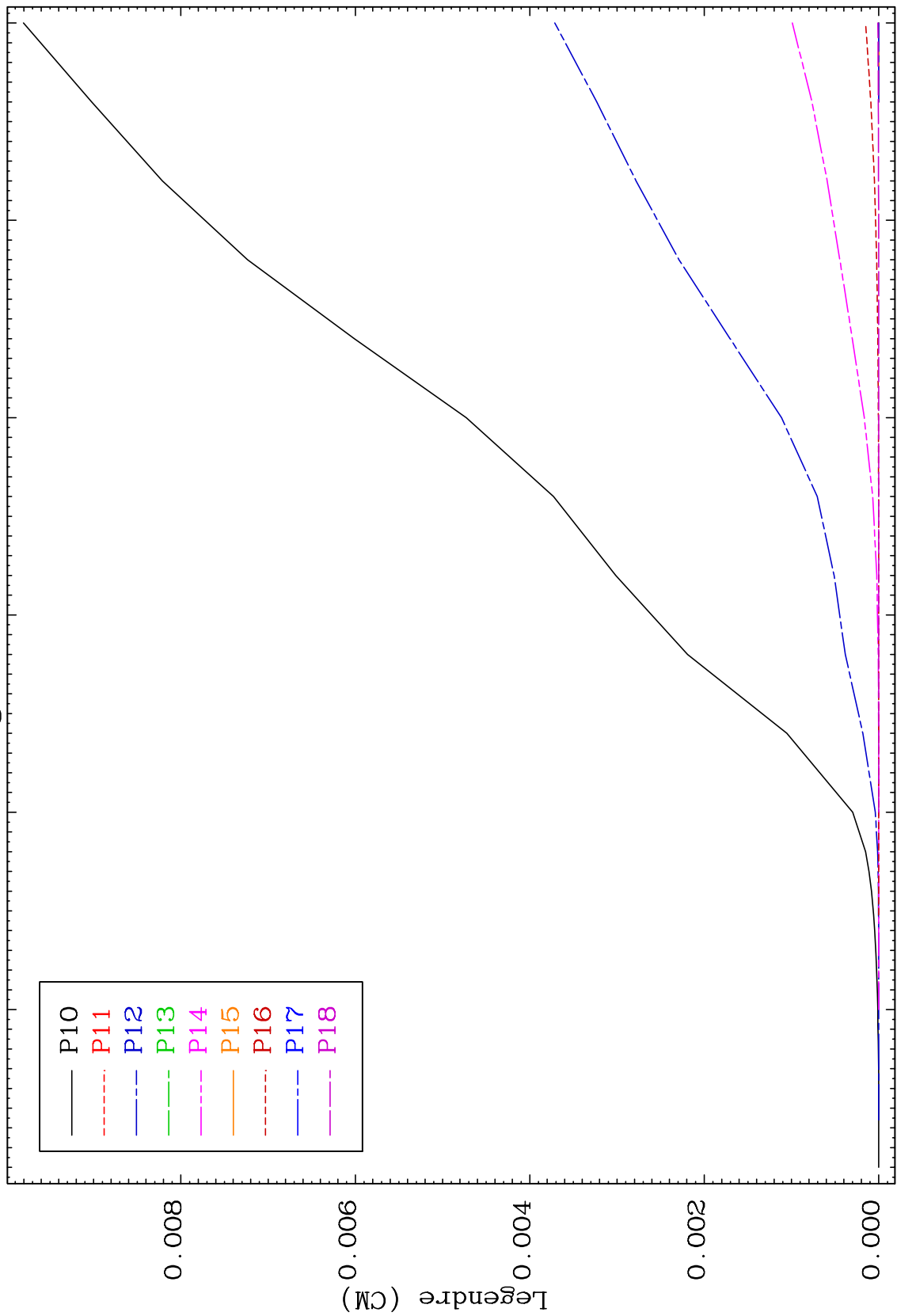
Incident Energy (MeV)

32-Ge-81m

MAT 3259

Elastic Legendre Coefficients

32-Ge-81m



16

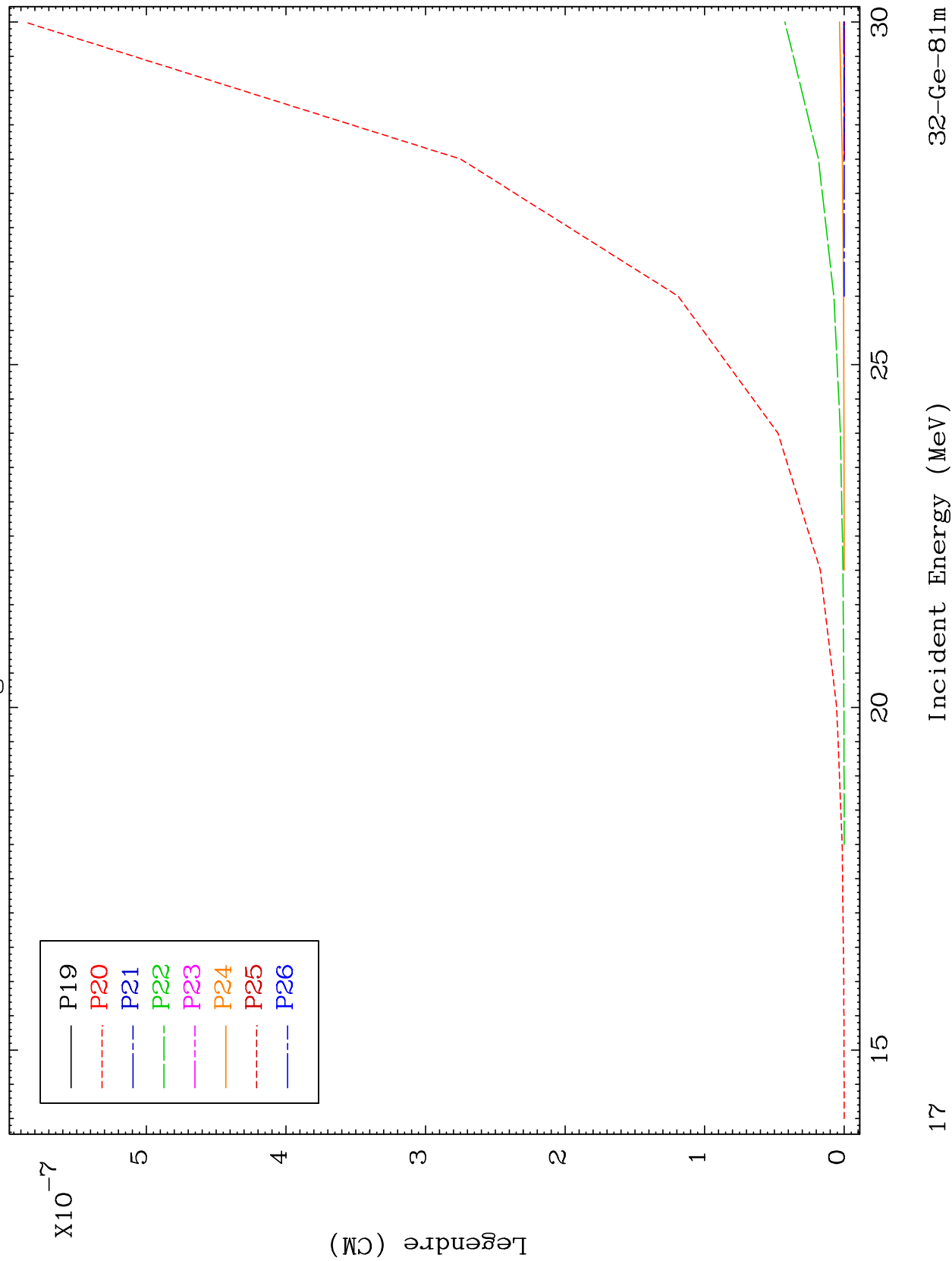
32-Ge-81m

Incident Energy (MeV)

MAT 3259

Elastic Legendre Coefficients

32-Ge-81m



17

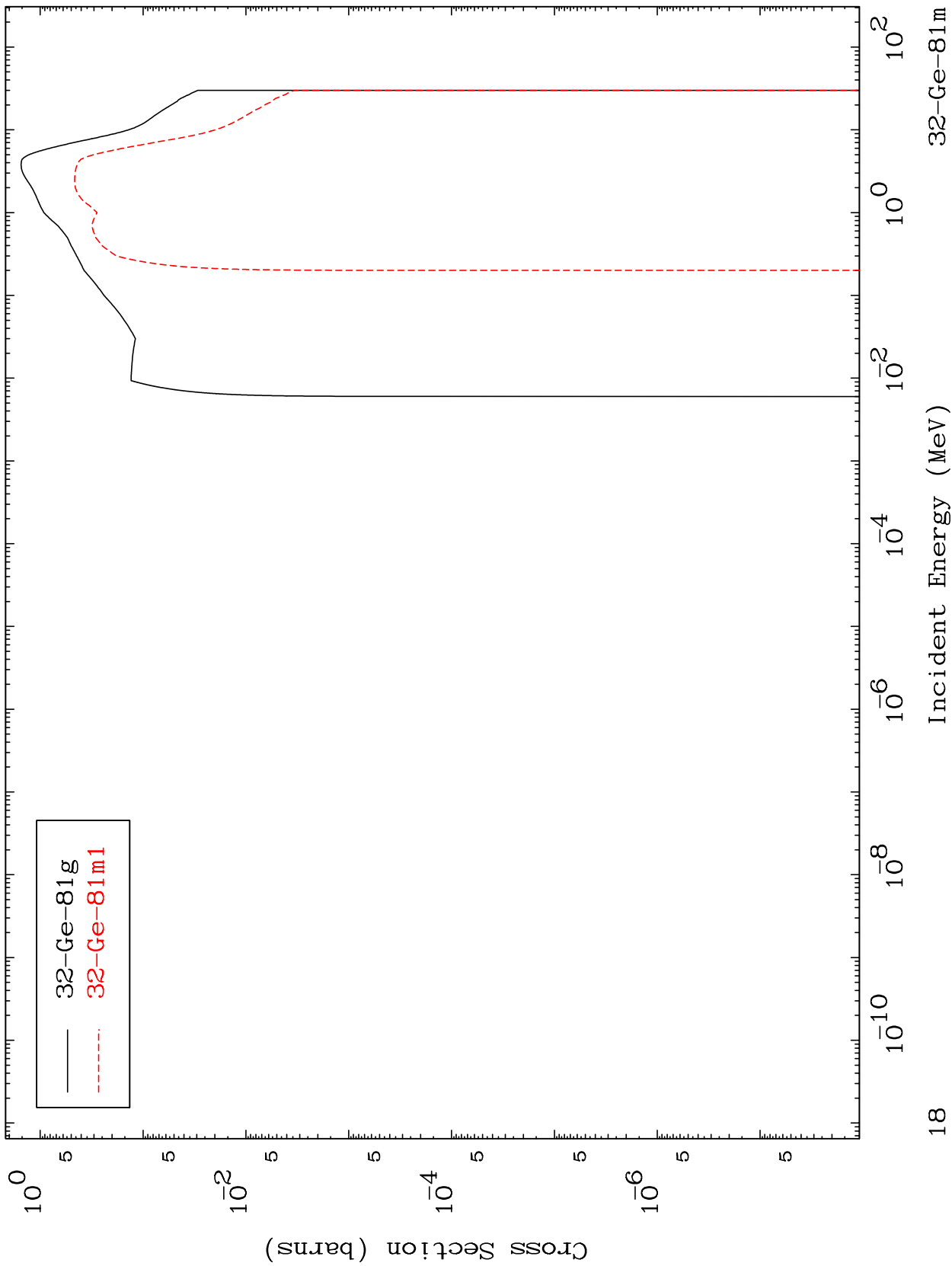
32-Ge-81m

MAT 3259

³²Ge-81m

Inelastic

Radionuclide Production Cross Section

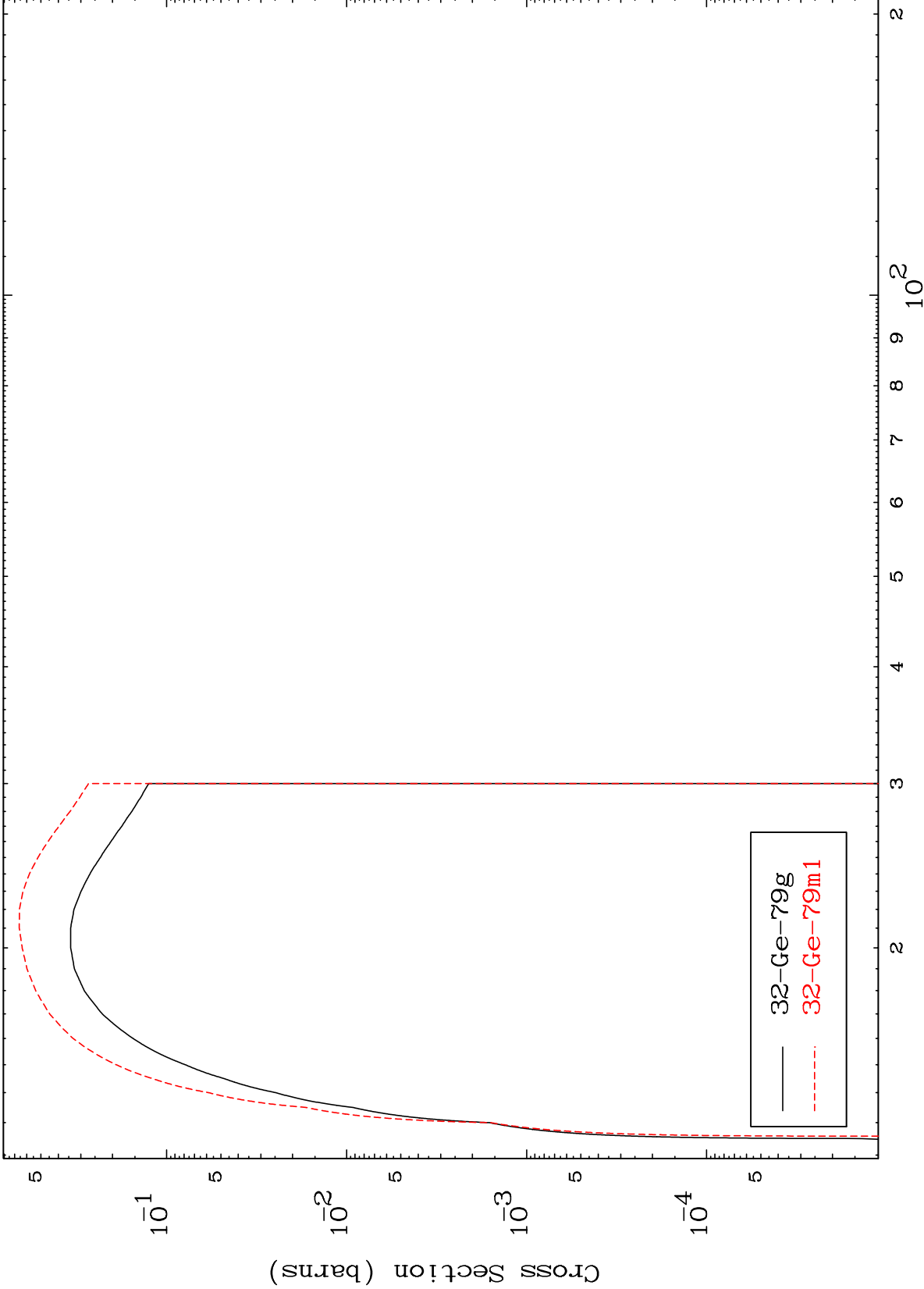


MAT 3259

(n,3n)

³²Ge-81m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

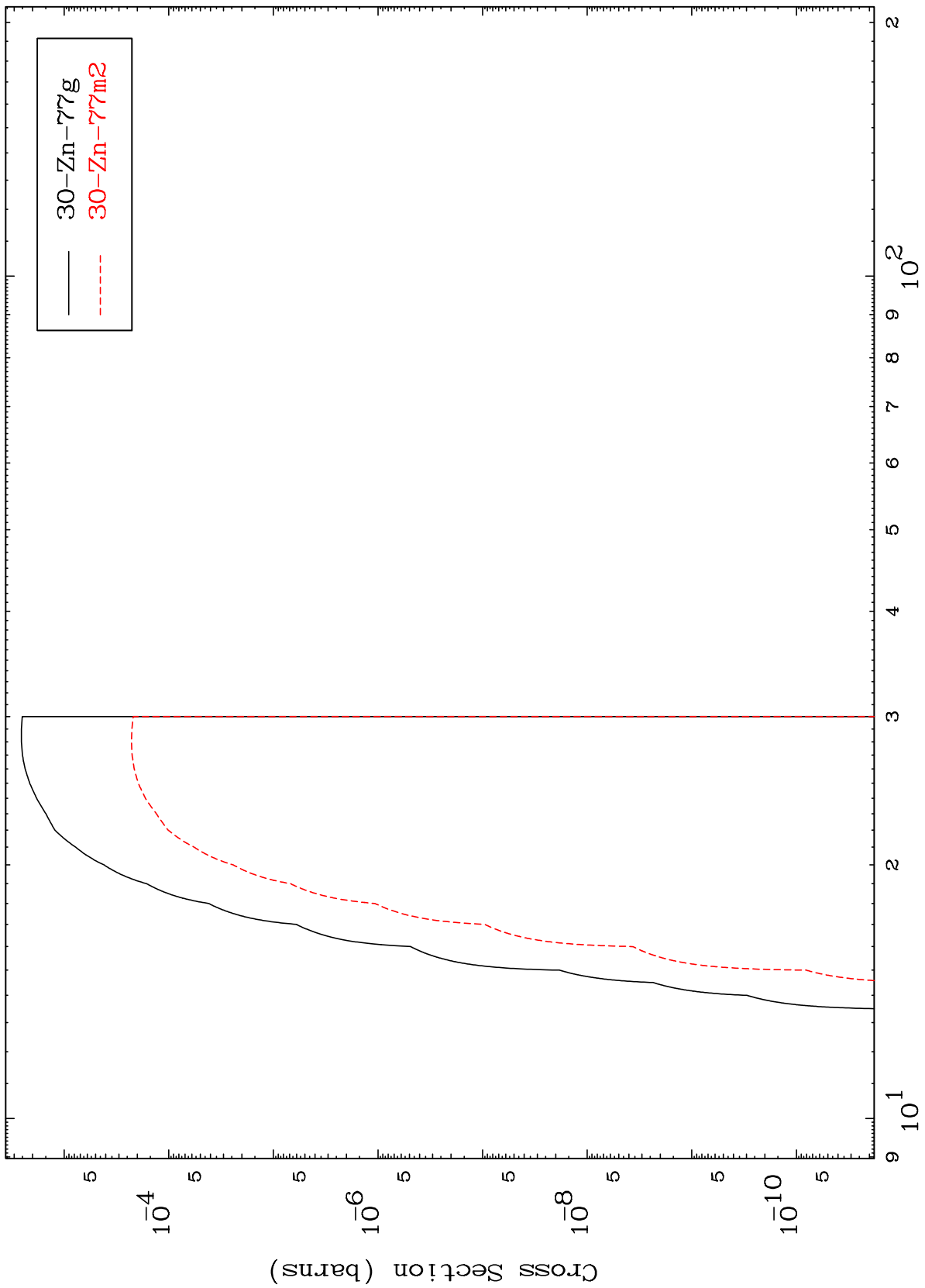
³²Ge-81m

MAT 3259

$(n, n') \alpha$

32-Ge-81m

Radionuclide Production Cross Section

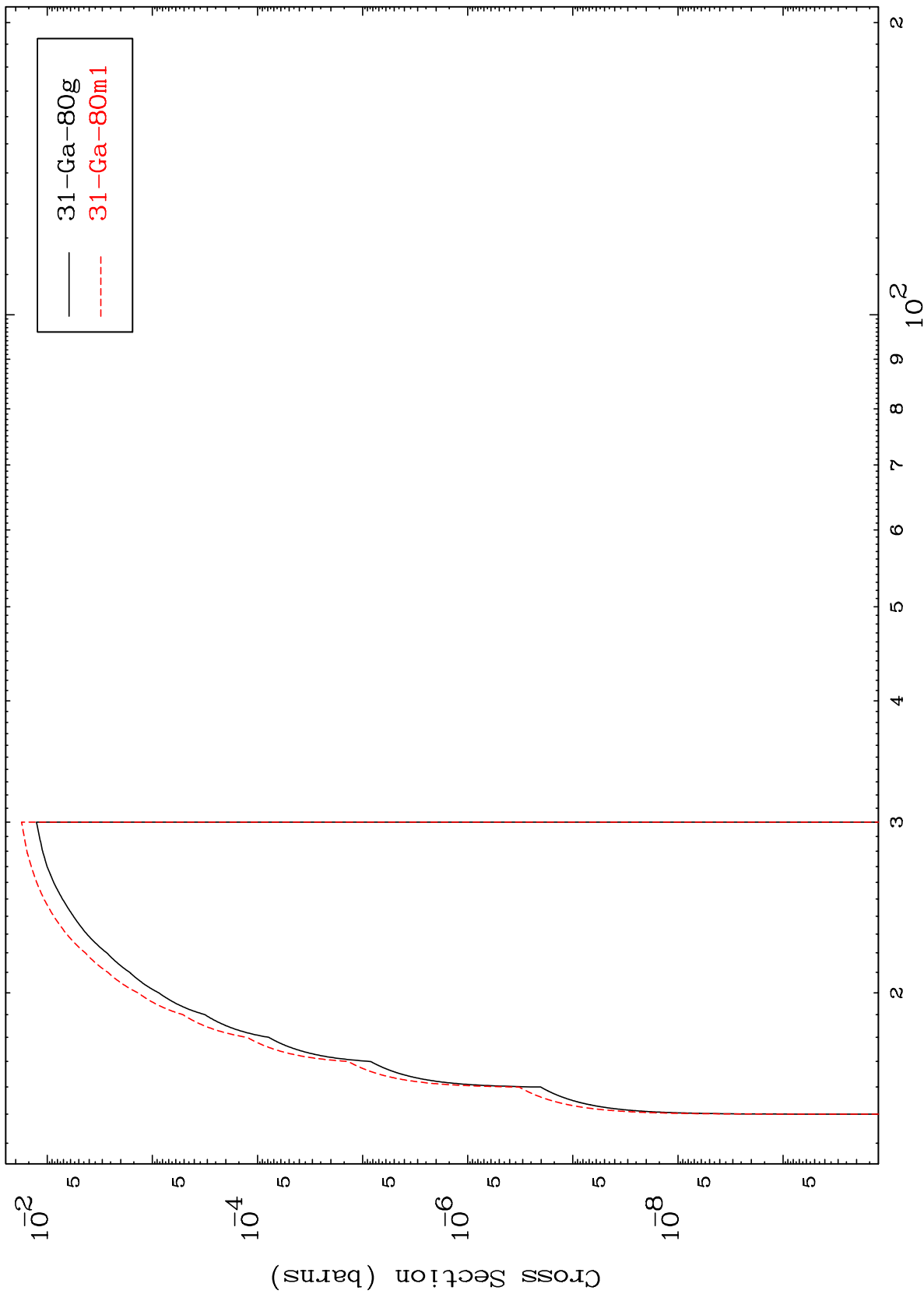


20

Incident Energy (MeV)

32-Ge-81m

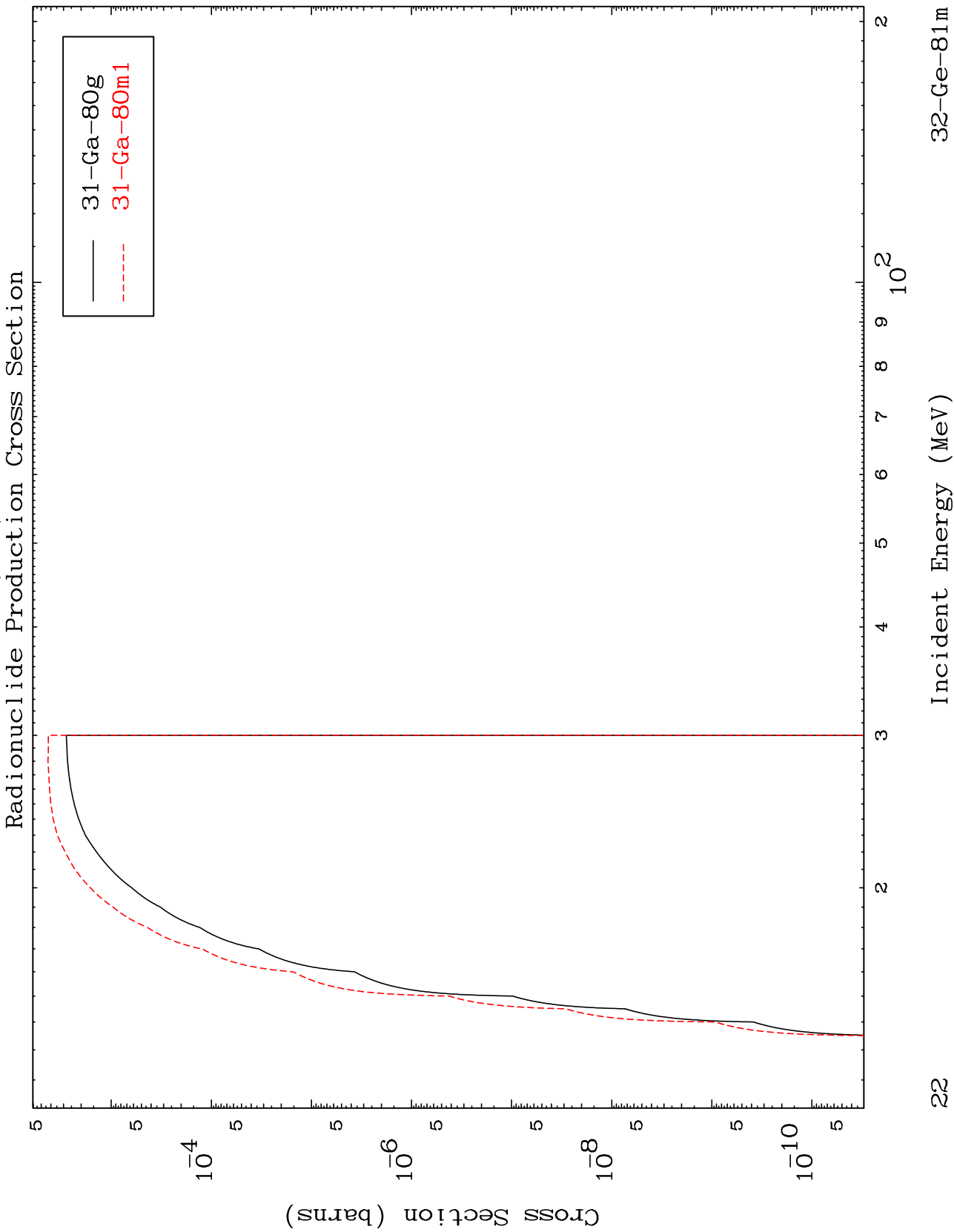
Radionuclide Production Cross Section



MAT 3259

(n,d)

32-Ge-81m



22

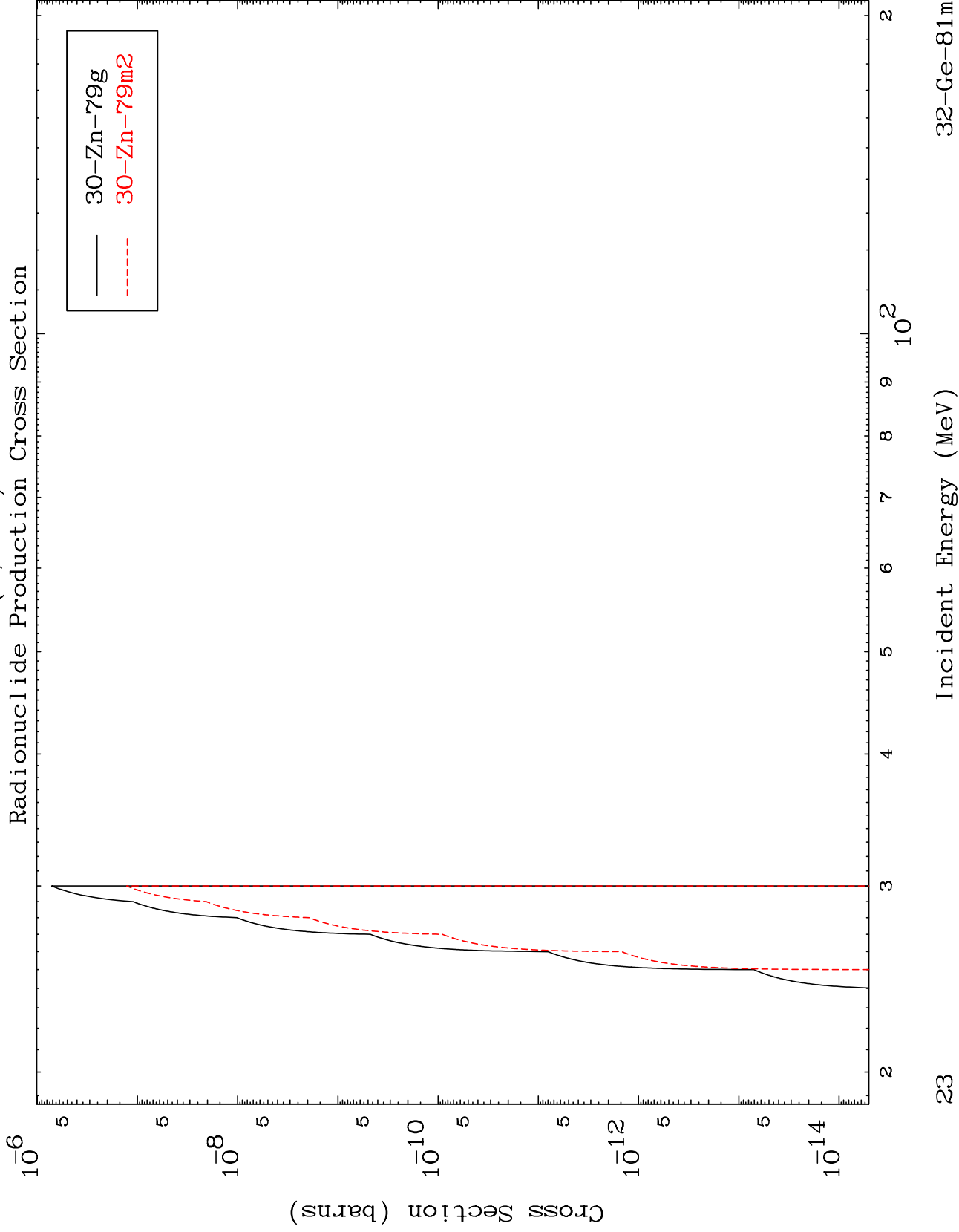
Incident Energy (MeV)

32-Ge-81m

MAT 3259

(n,He-3)

32-Ge-81m



23

Incident Energy (MeV)

32-Ge-81m