

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

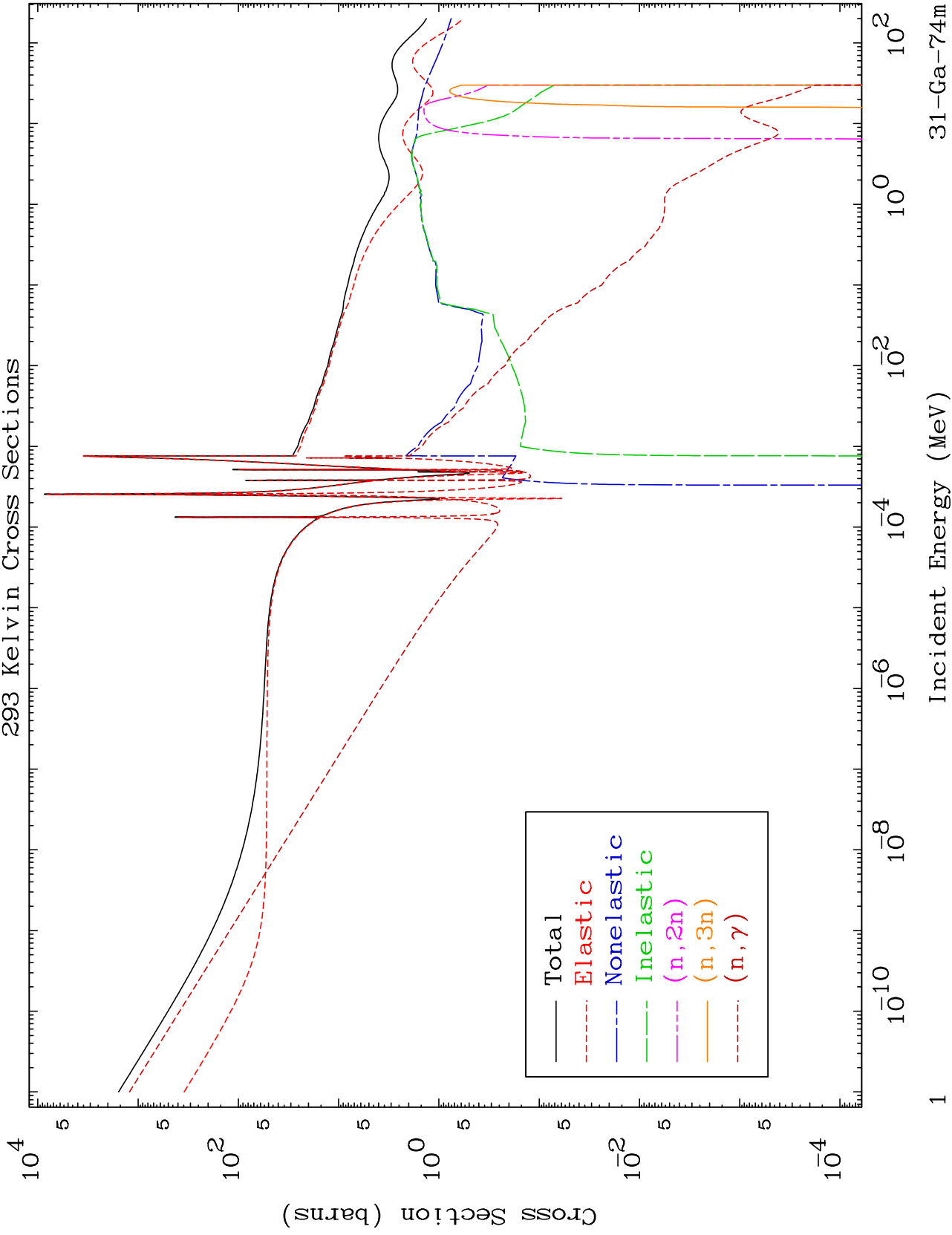
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3141

Neutron Major  
293 Kelvin Cross Sections

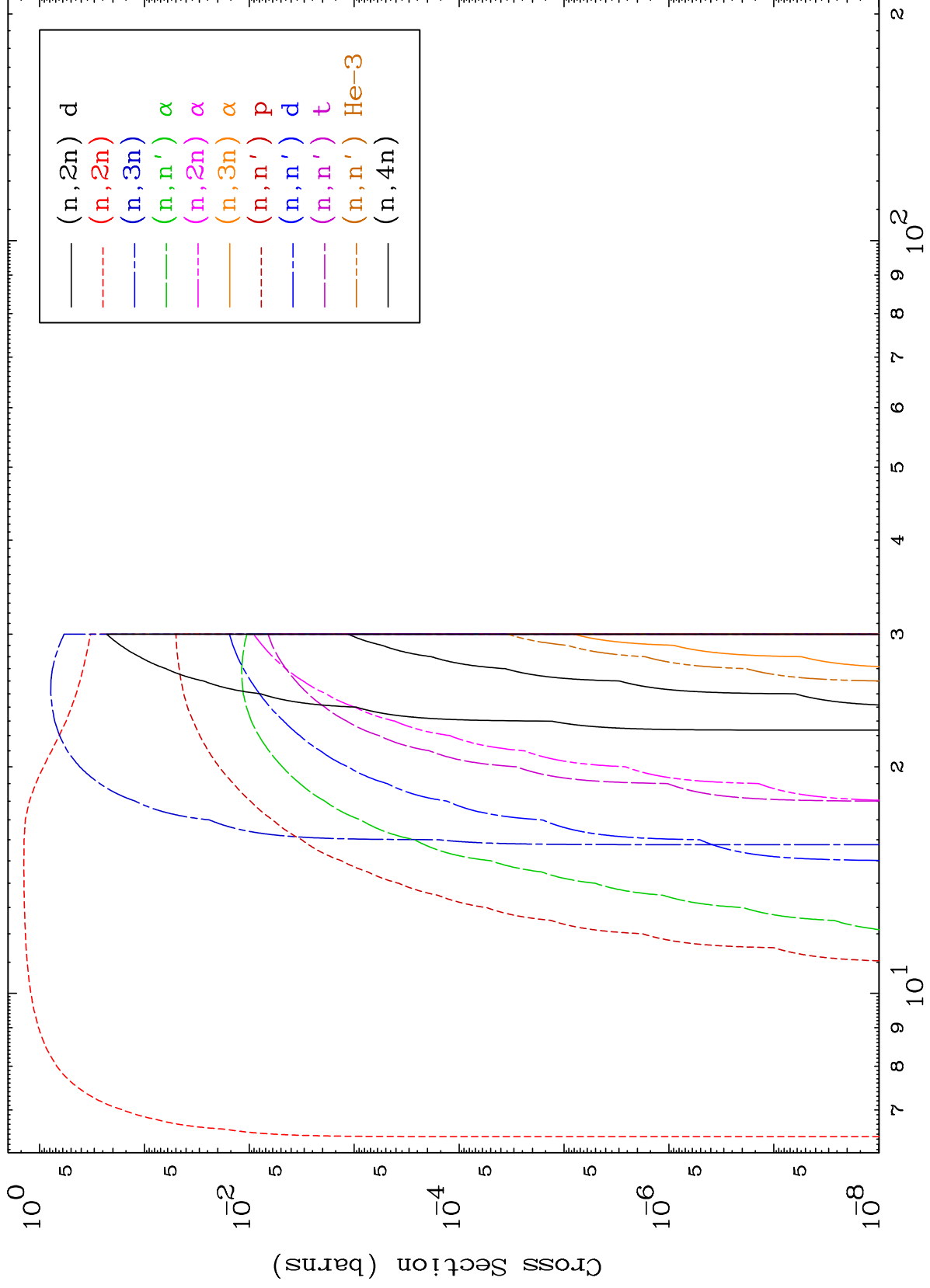
31-Ga-74m



MAT 3141

Neutron Absorption  
293 Kelvin Cross Sections

31-Ga-74m



2

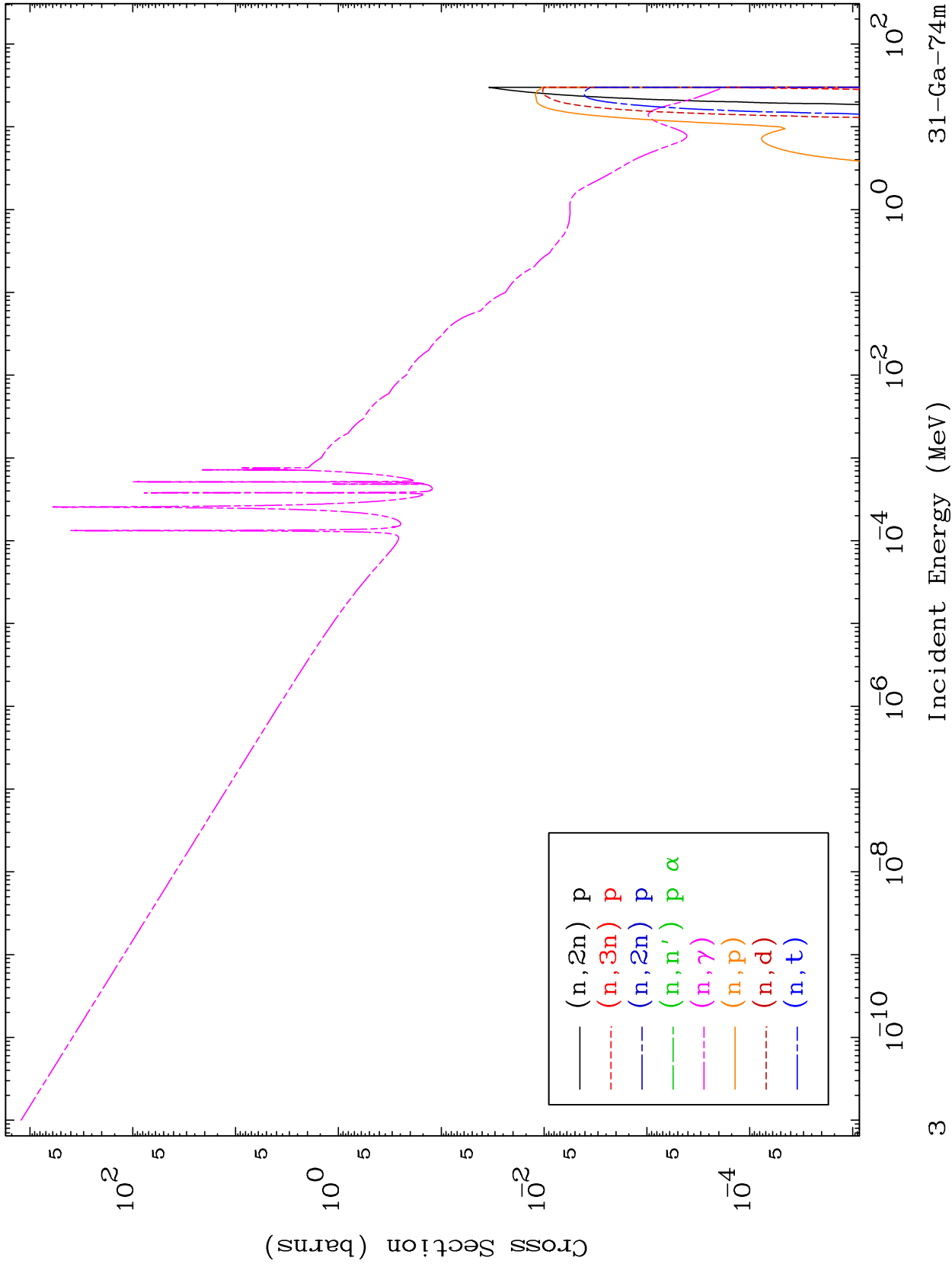
Incident Energy (MeV)

31-Ga-74m

MAT 3141

Neutron Absorption  
293 Kelvin Cross Sections

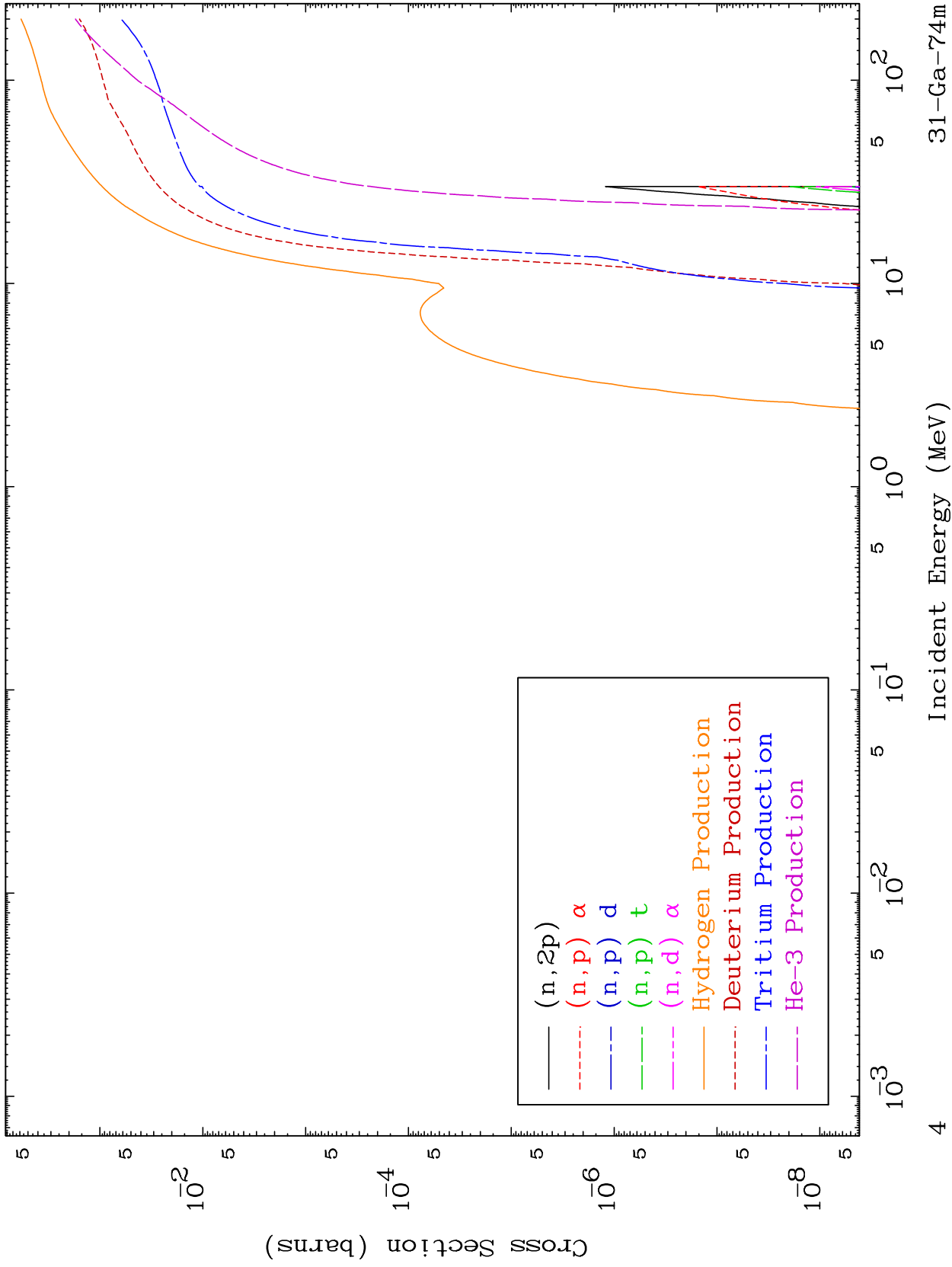
31-Ga-74m



MAT 3141

Neutron Absorption  
293 Kelvin Cross Sections

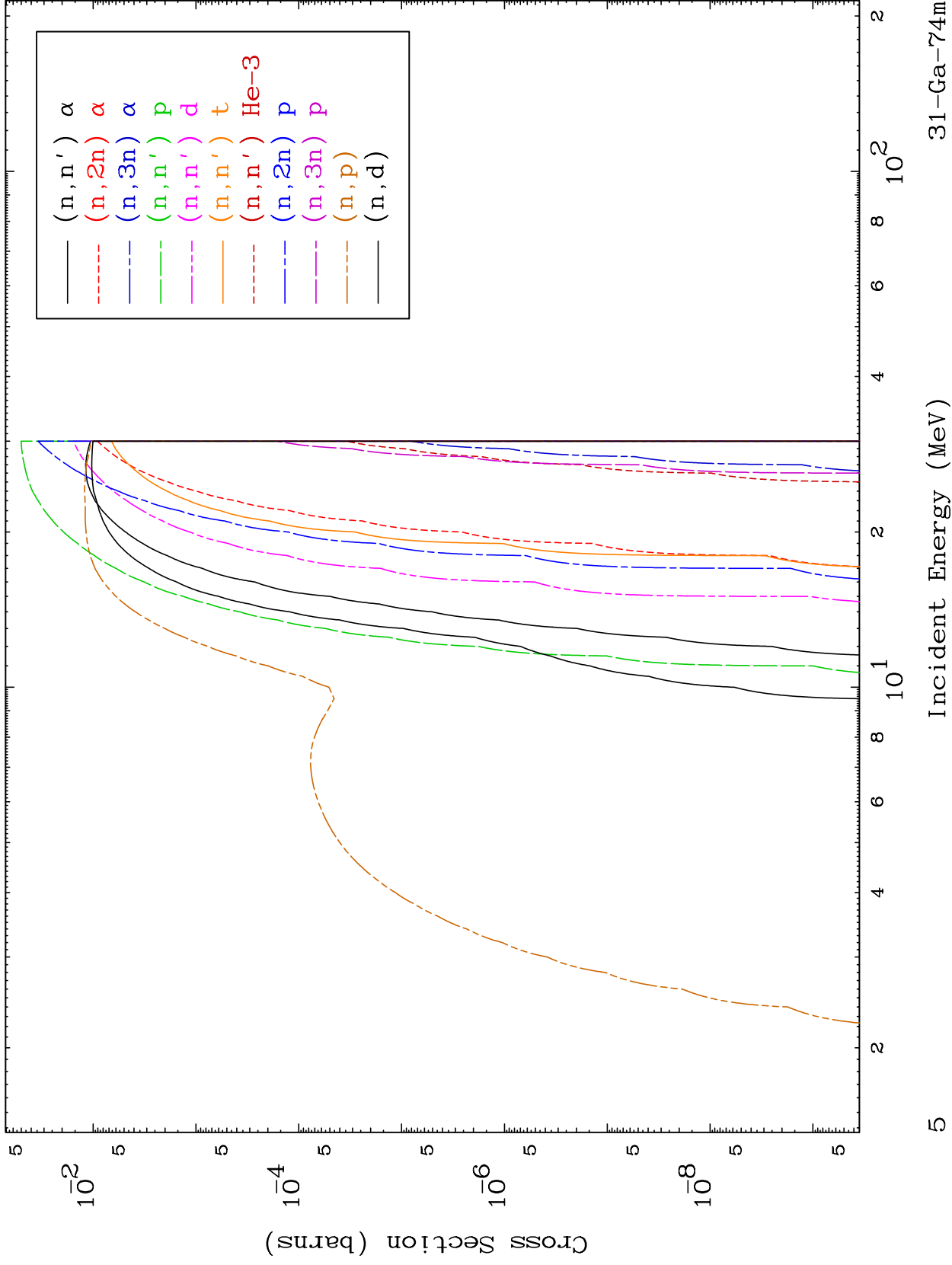
31-Ga-74m



MAT 3141

Charged Particle  
293 Kelvin Cross Sections

31-Ga-74m

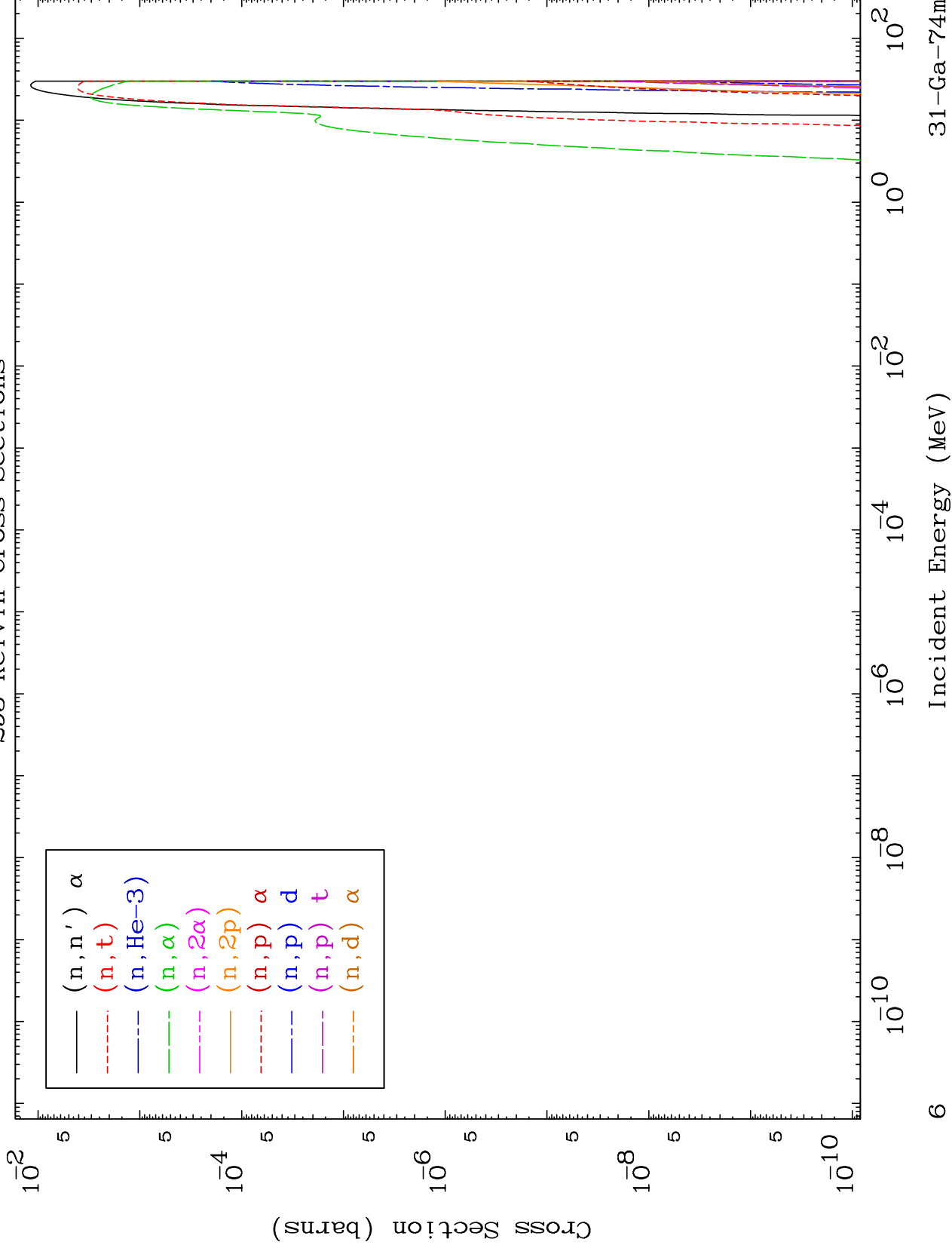


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MAT 3141

Charged Particle  
293 Kelvin Cross Sections

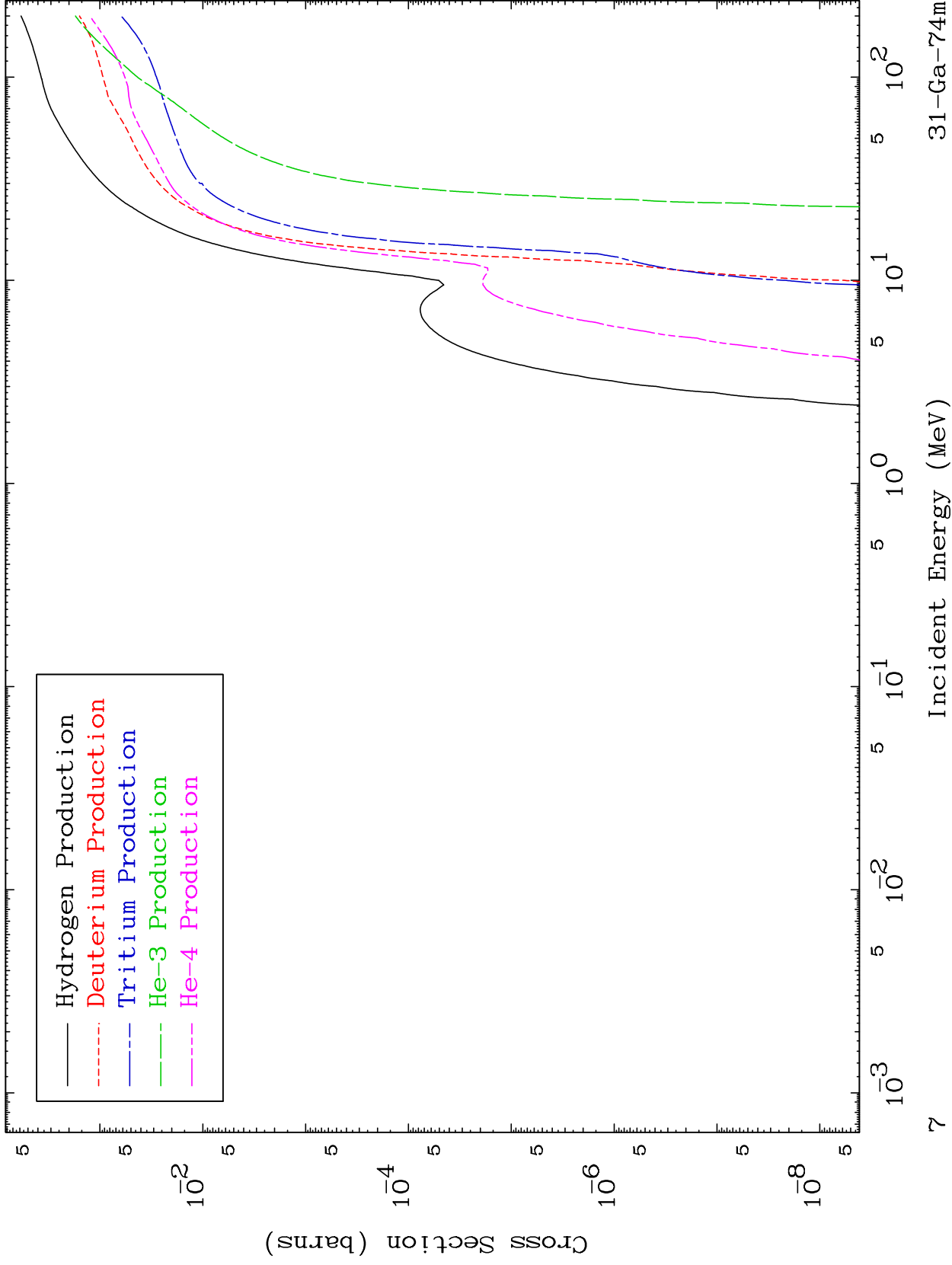
31-Ga-74m



MAT 3141

Particle Production  
293 Kelvin Cross Sections

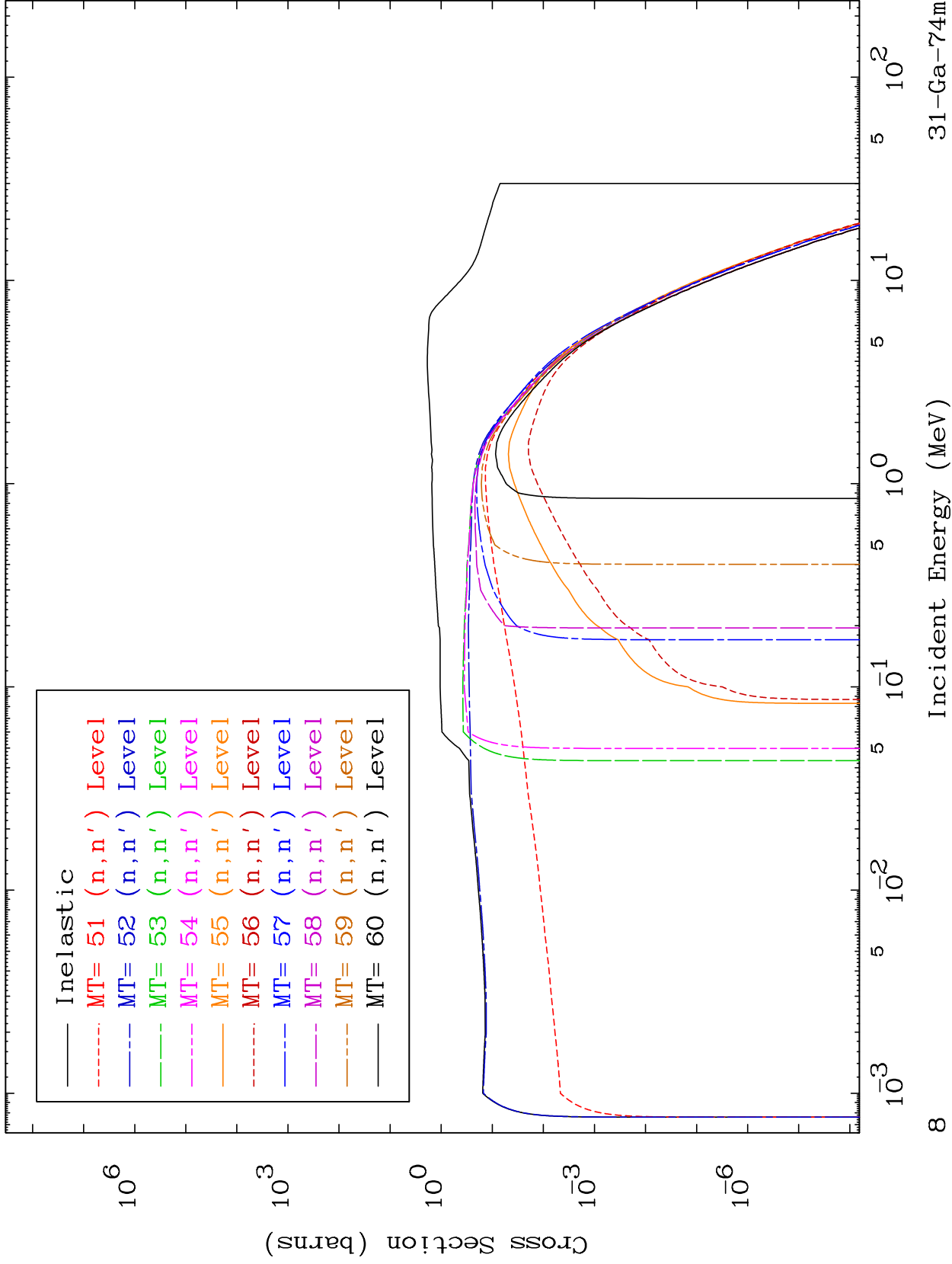
31-Ga-74m



MAT 3141

(n,n') Levels  
293 Kelvin Cross Sections

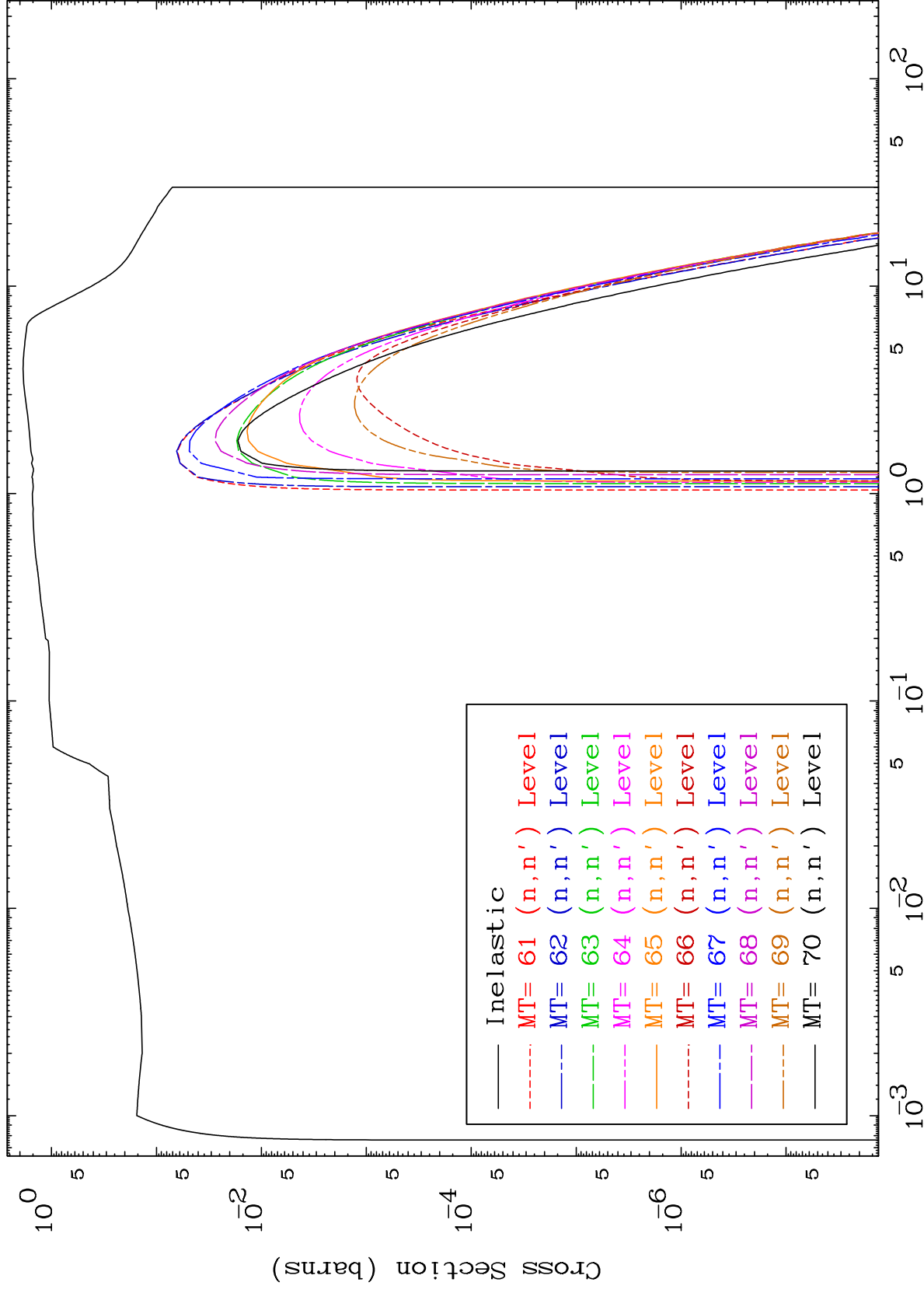
31-Ga-74m



MAT 3141

(n,n') Levels  
293 Kelvin Cross Sections

31-Ga-74m



9

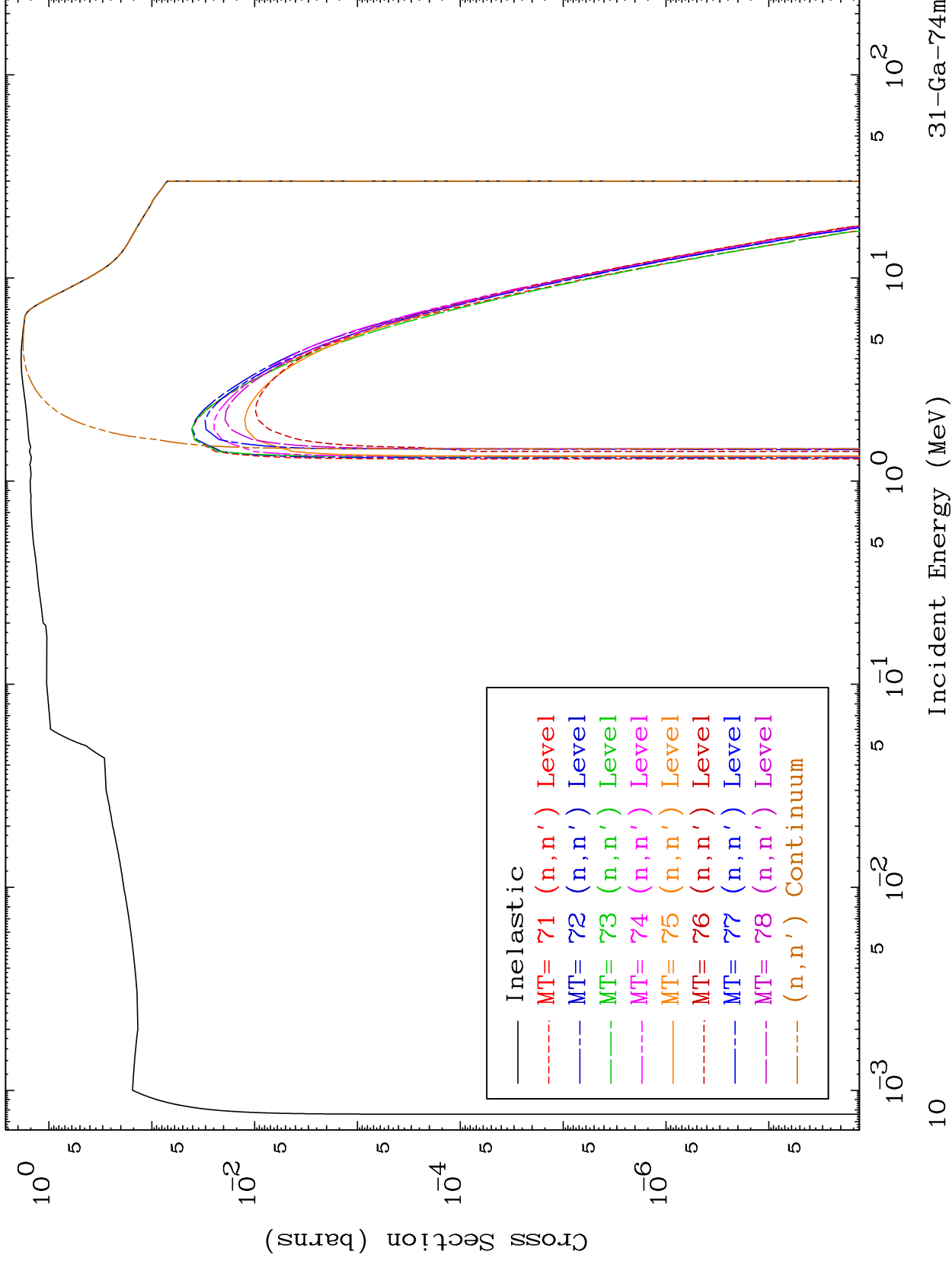
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n,n') Levels  
293 Kelvin Cross Sections

31-Ga-74m



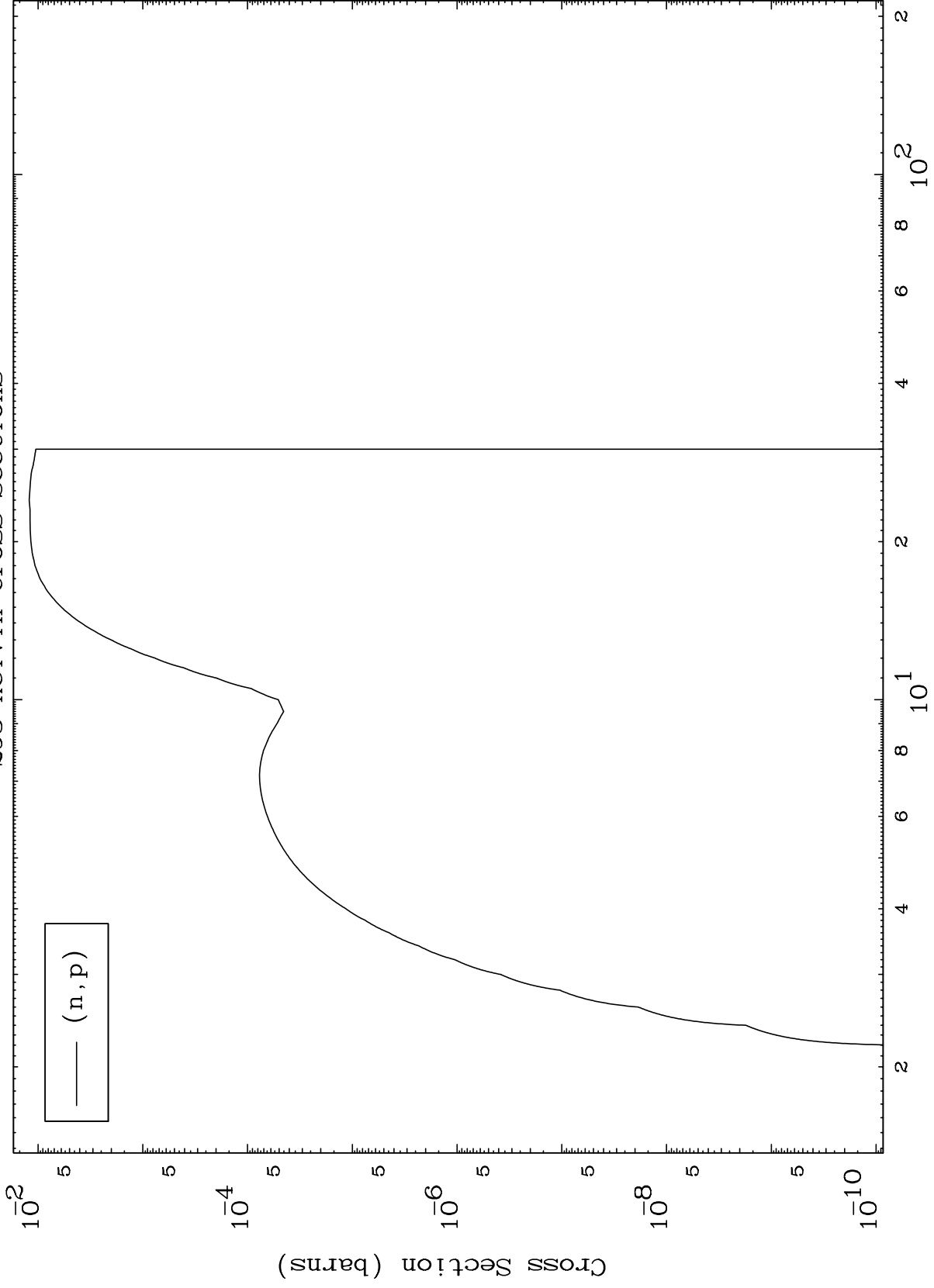
31-Ga-74m

Incident Energy (MeV)

MAT 3141

(n,p) Levels  
293 Kelvin Cross Sections

31-Ga-74m

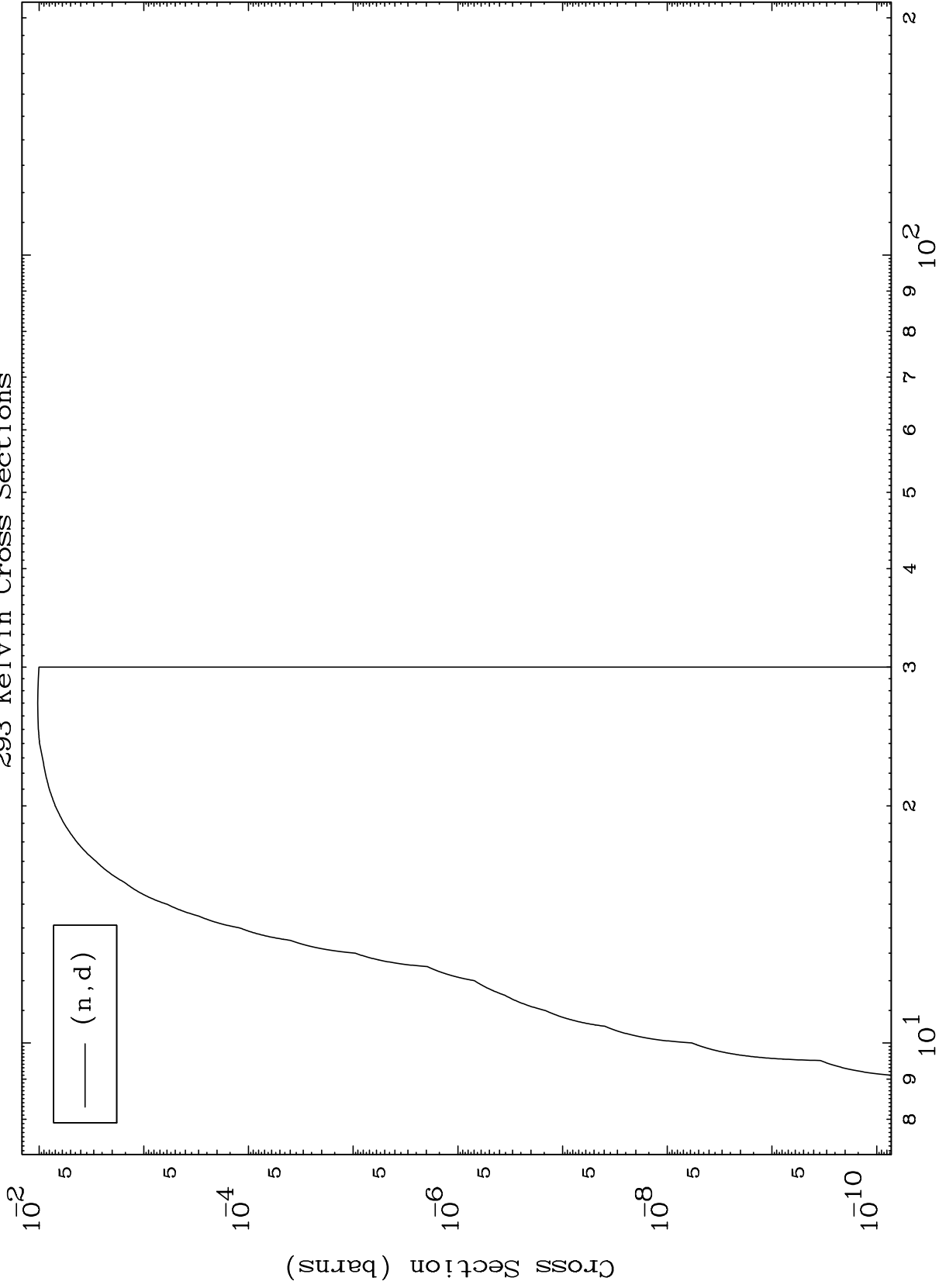


(n,p)

MAT 3141

(n,d) Levels  
293 Kelvin Cross Sections

31-Ga-74m



12

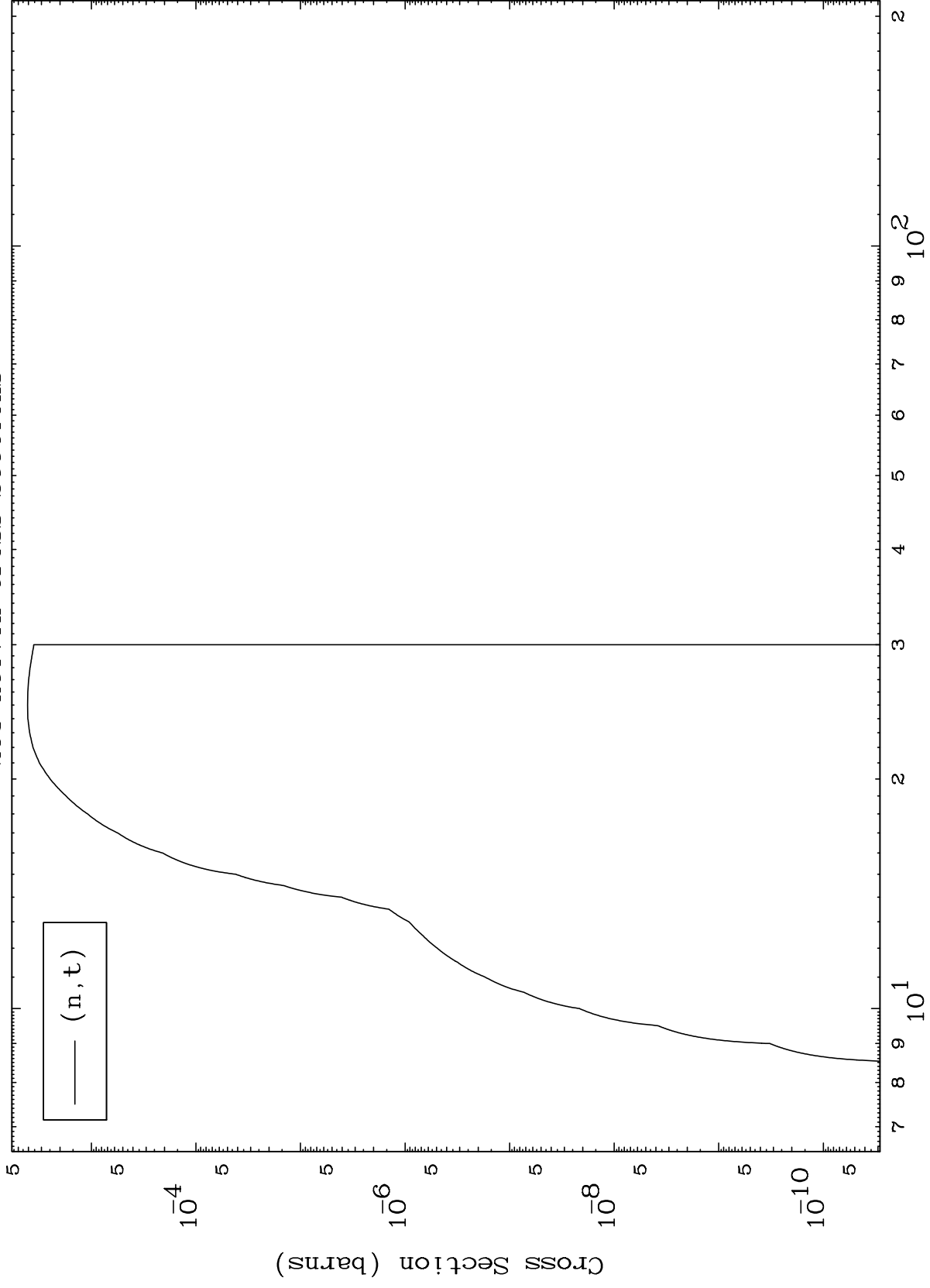
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n,t) Levels  
293 Kelvin Cross Sections

31-Ga-74m



13

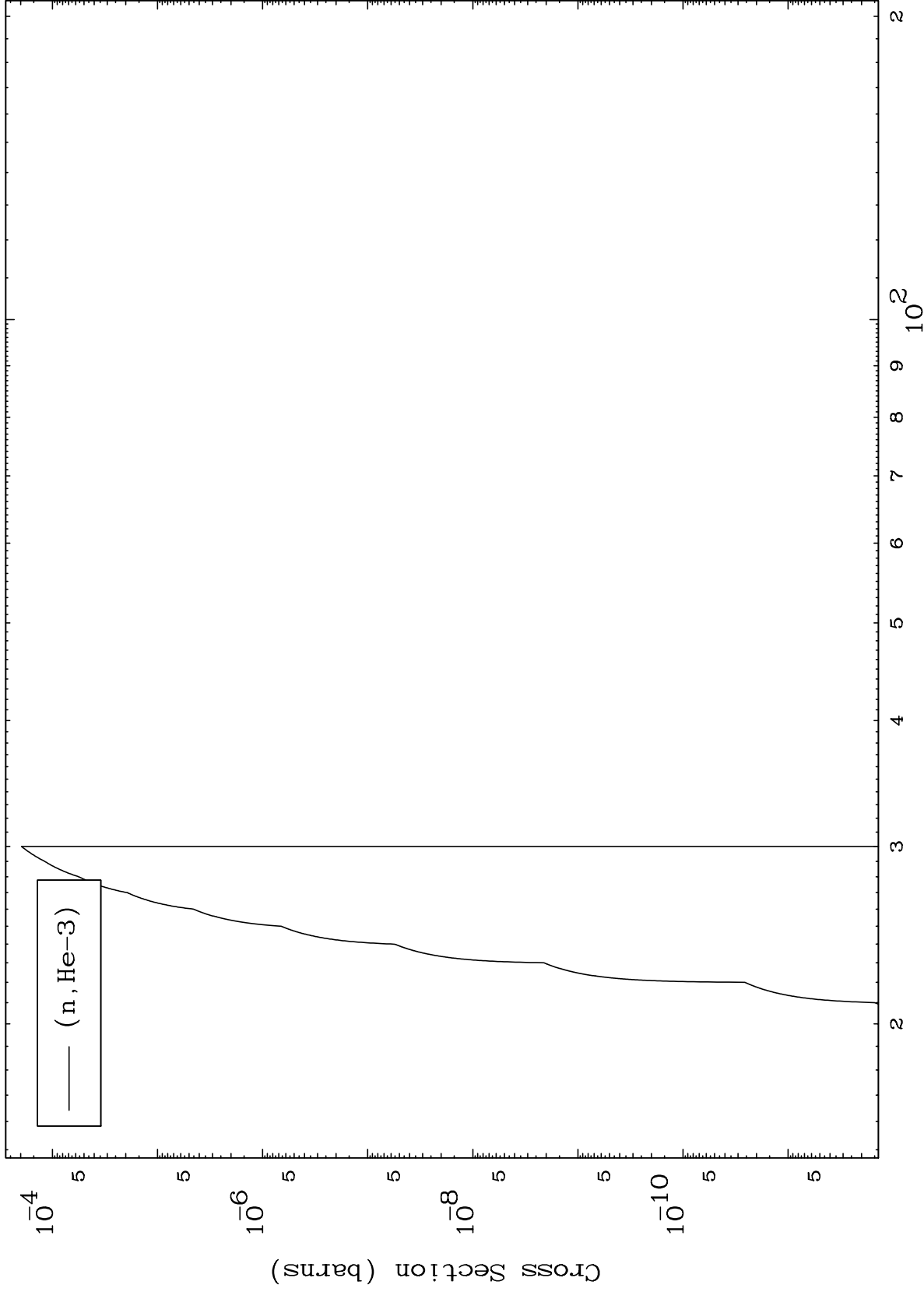
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n,He3) Levels  
293 Kelvin Cross Sections

31-Ga-74m



14

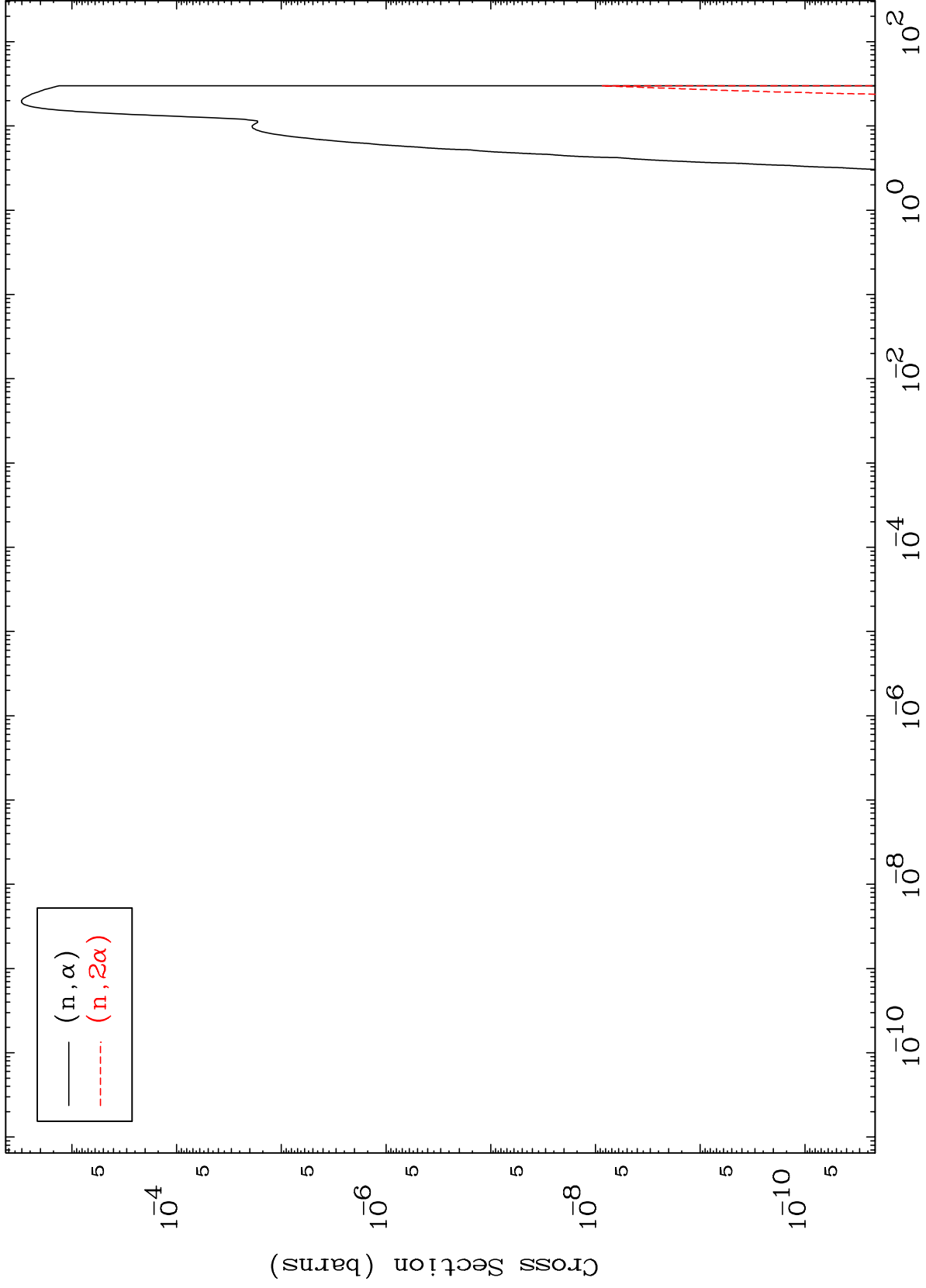
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

31-Ga-74m



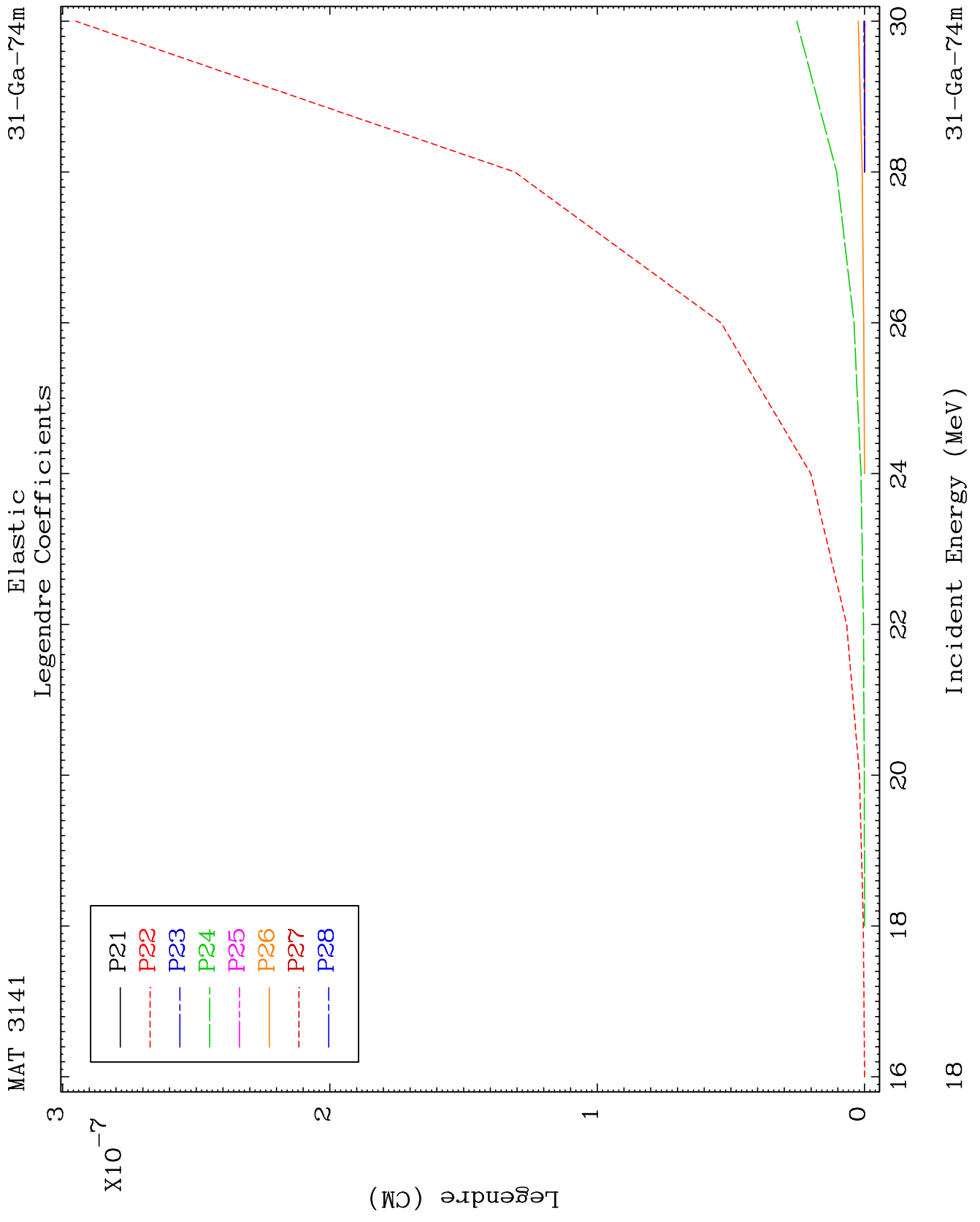
15

Incident Energy (MeV)

31-Ga-74m



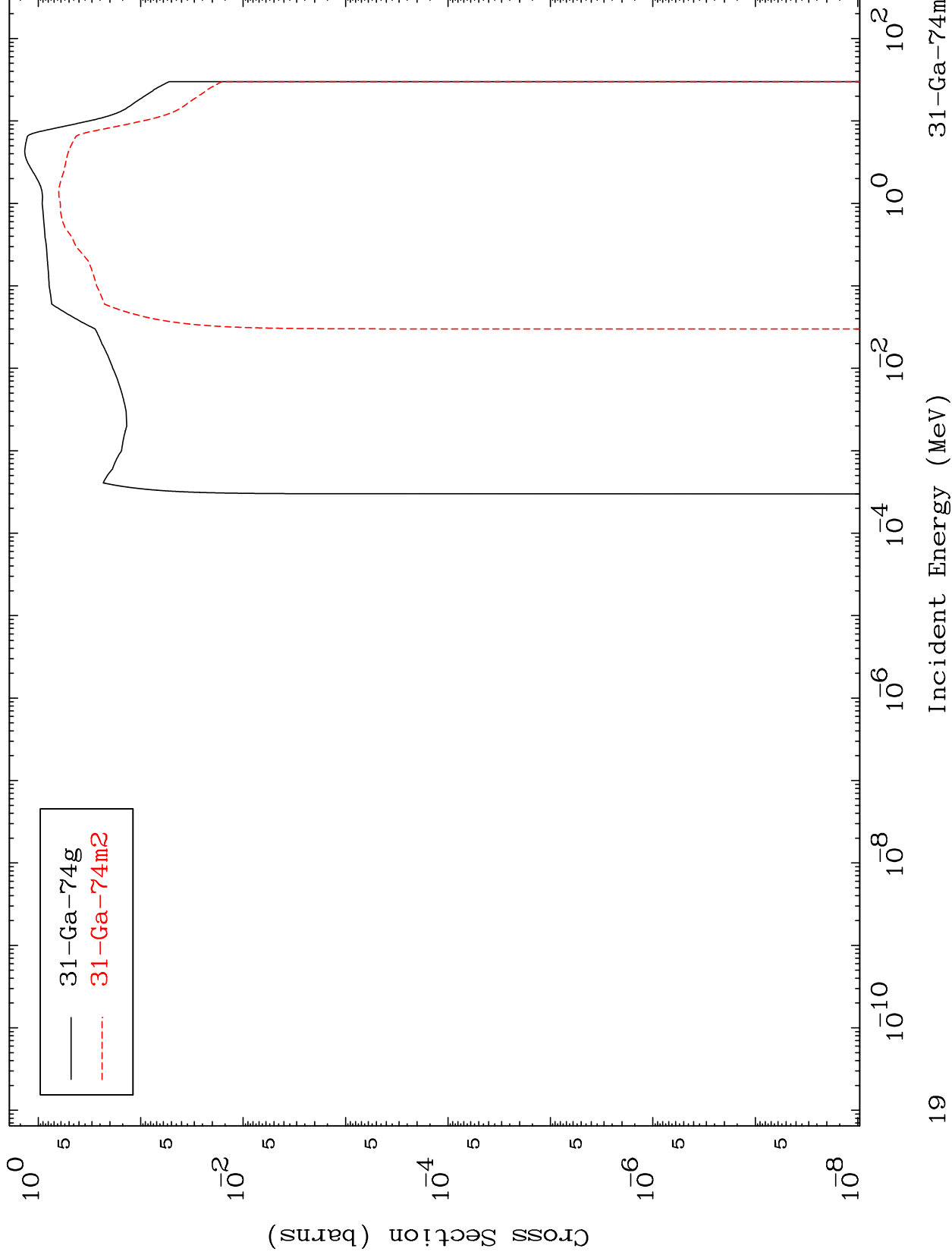




MAT 3141

Inelastic  
Radionuclide Production Cross Section

<sup>31</sup>Ga-<sup>74</sup>m

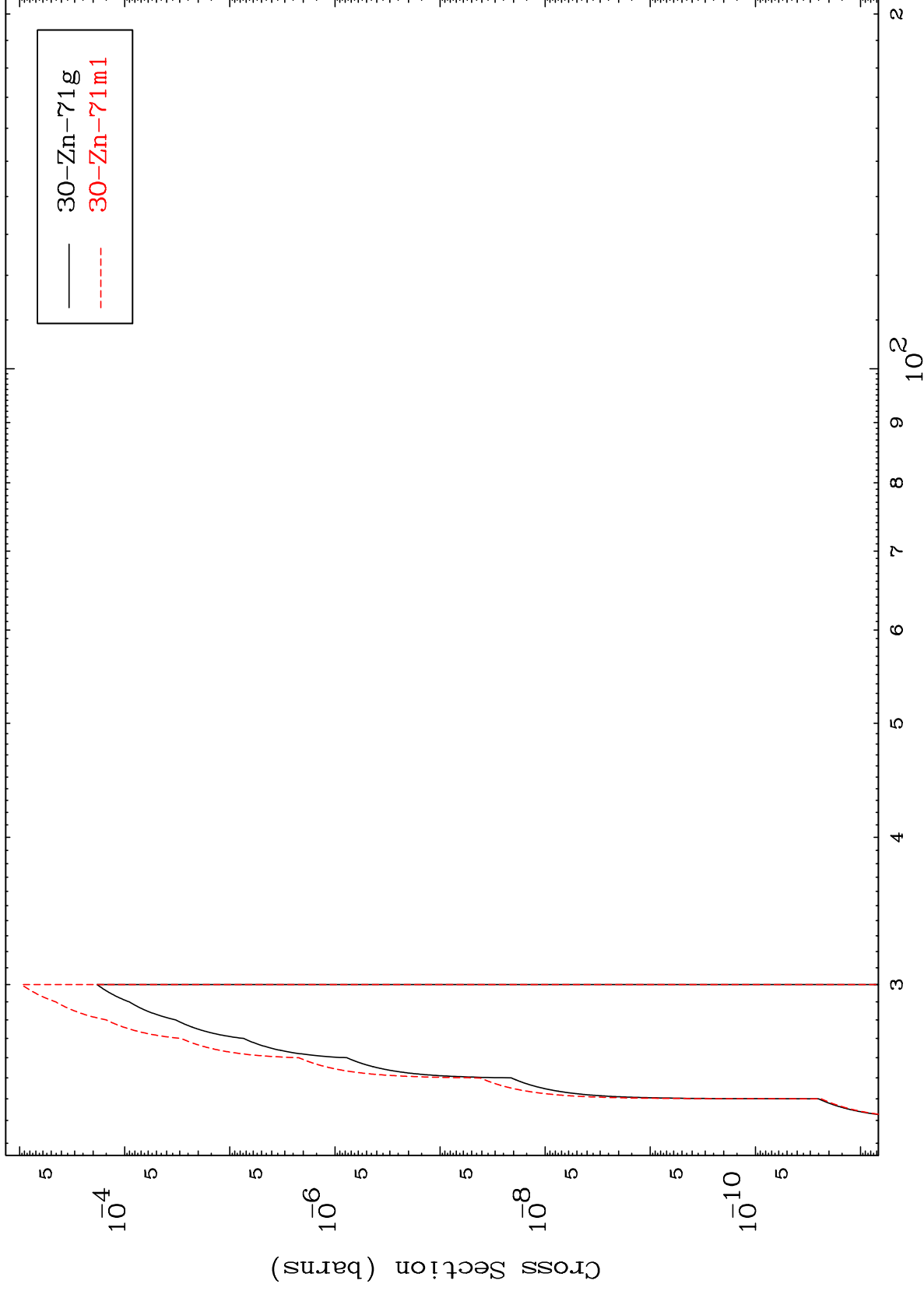


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(n,2n) d

31-Ga-74m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

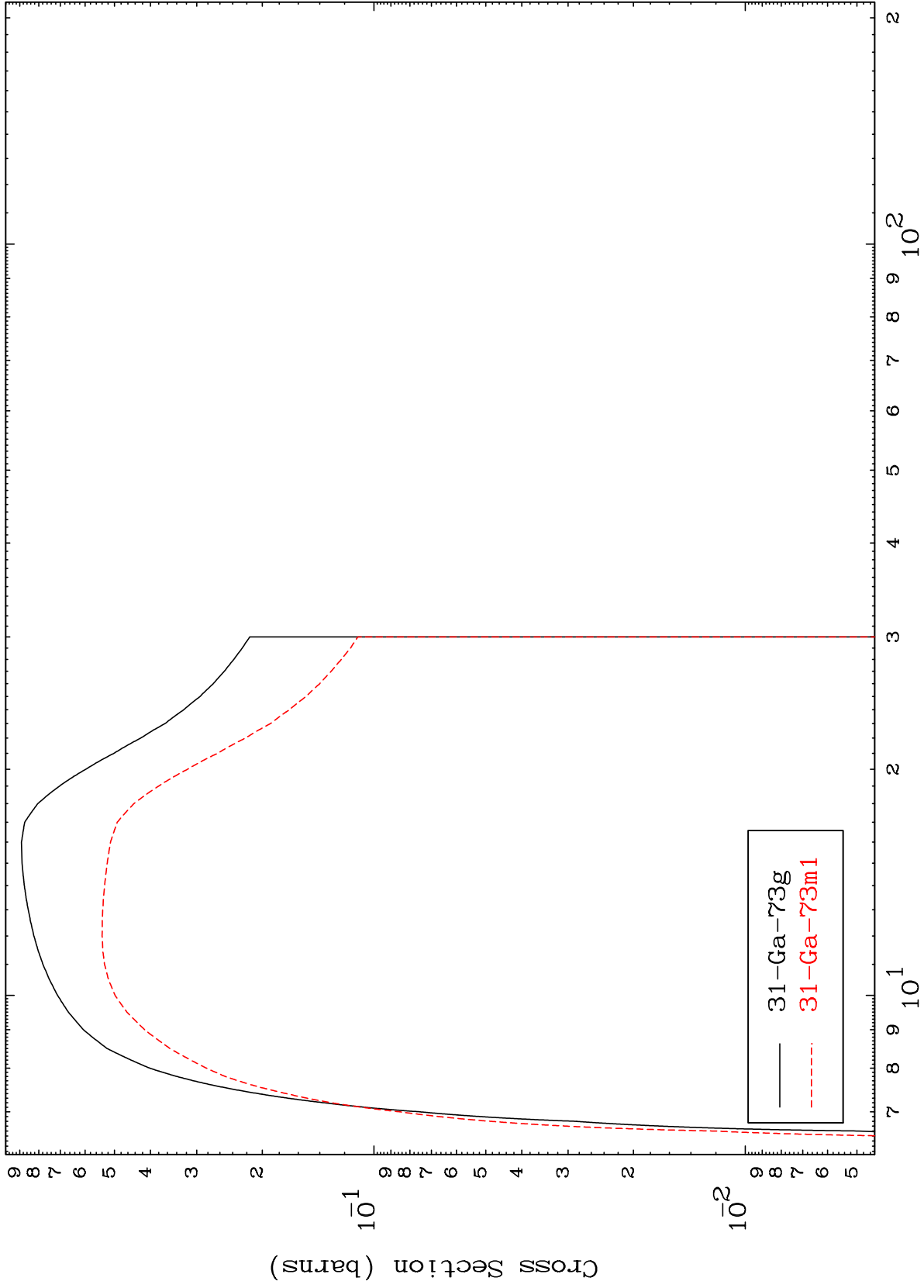
10<sup>2</sup>

31-Ga-74m

MAT 3141

31-Ga-74m

(n,2n)  
Radionuclide Production Cross Section



31-Ga-73g  
31-Ga-73m1

21

Incident Energy (MeV)

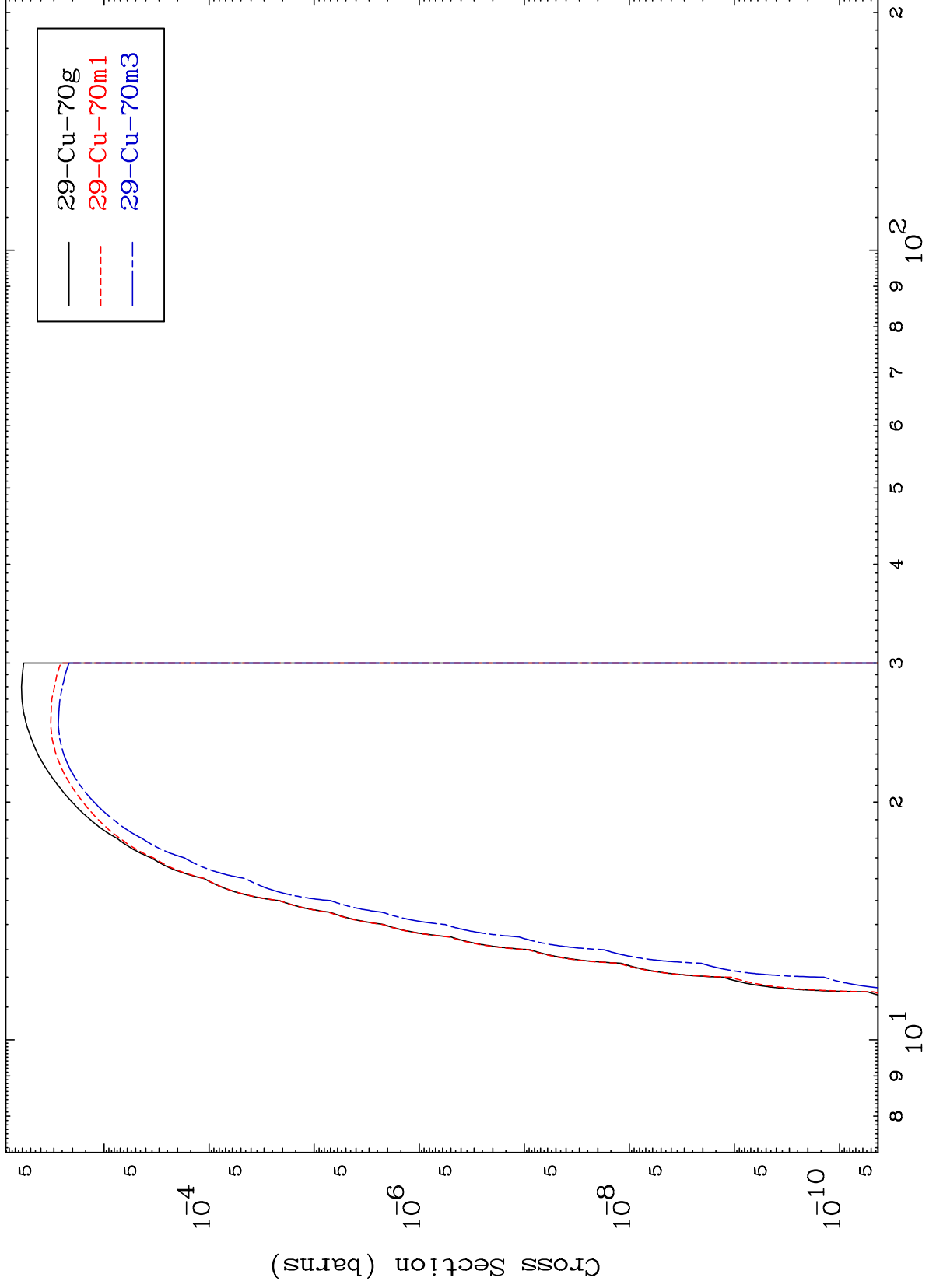
31-Ga-74m

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$(n, n') \alpha$

31-Ga-74m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

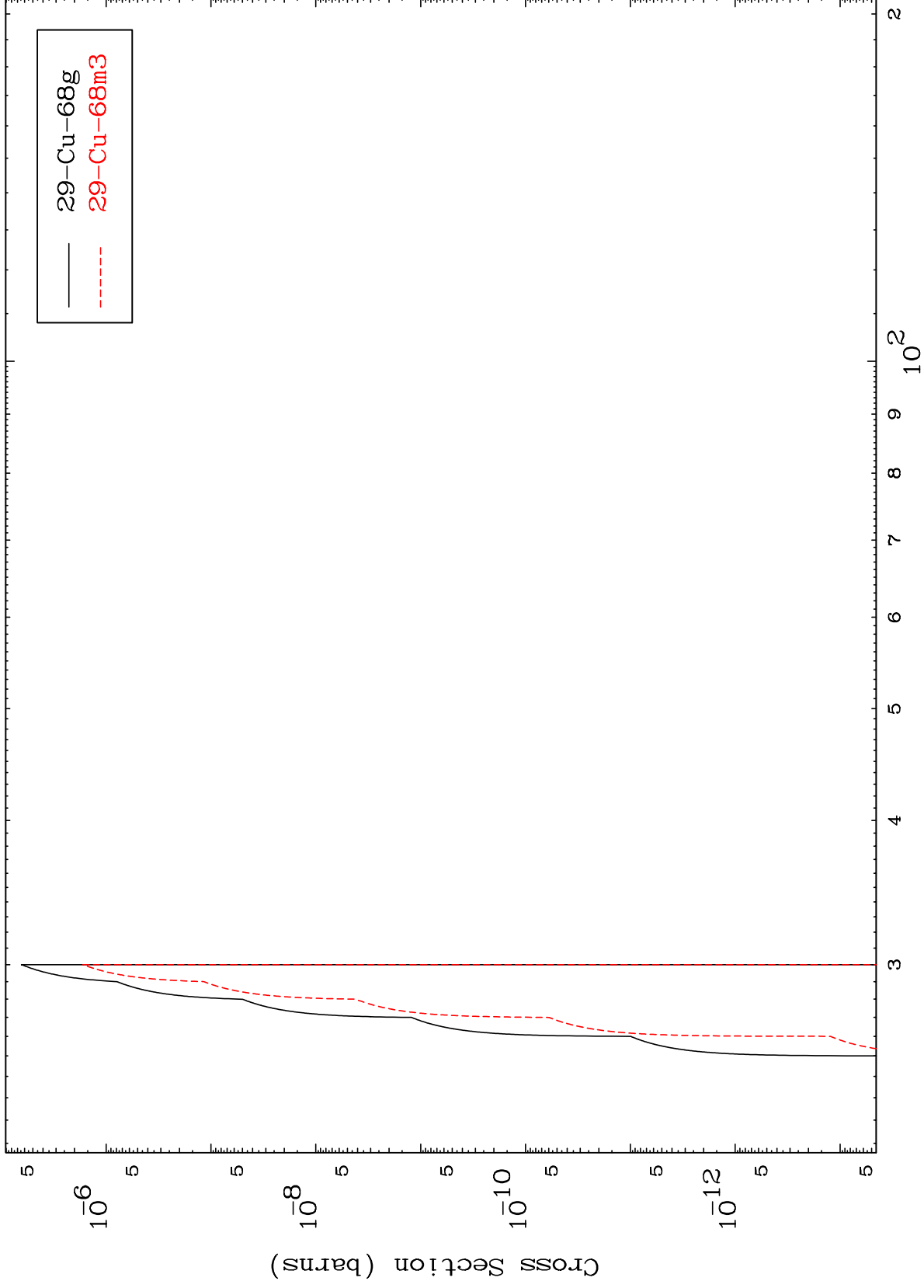
31-Ga-74m

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(n,3n)  $\alpha$

31-Ga-74m

Radionuclide Production Cross Section



23

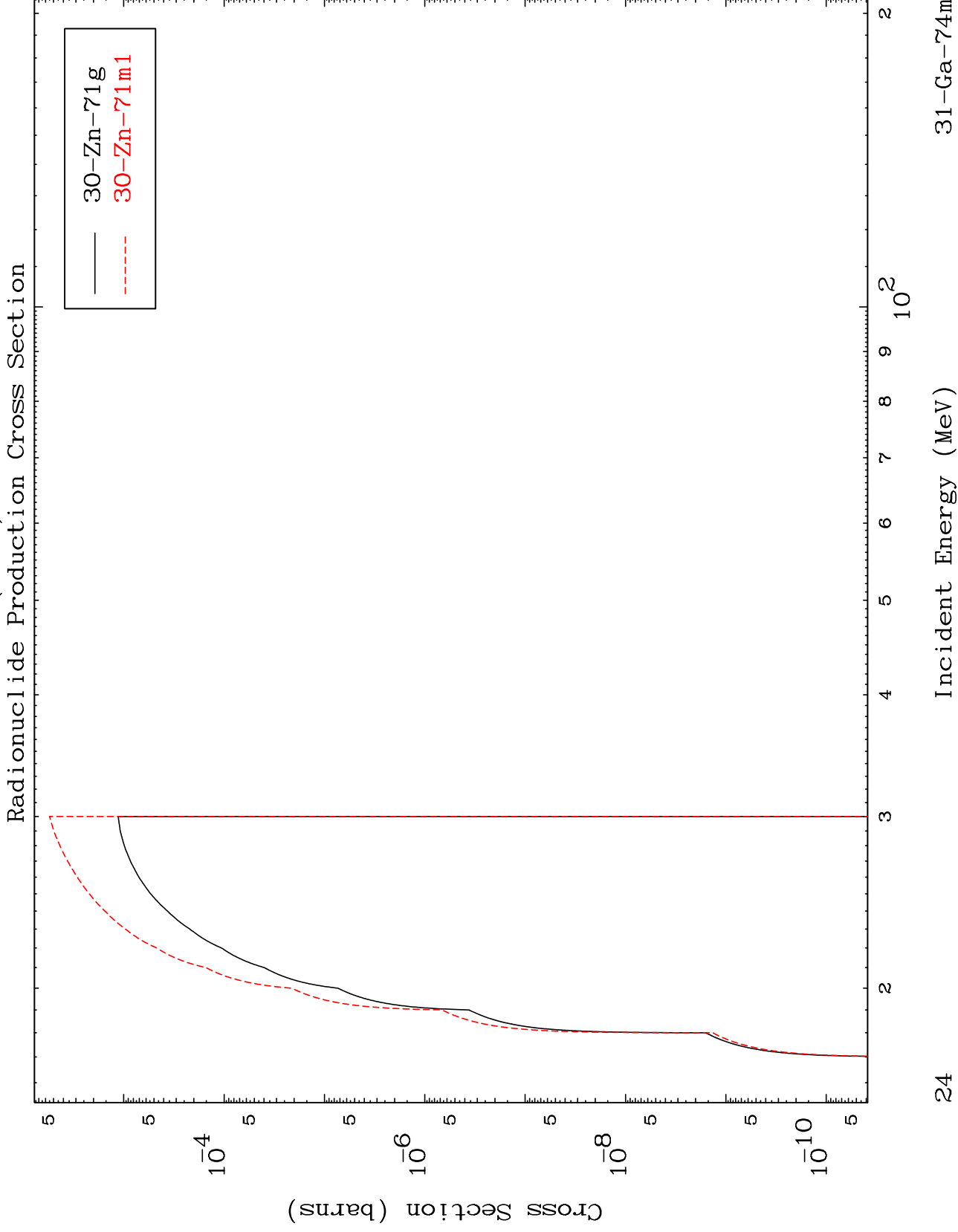
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n,n') t

31-Ga-74m



24

Incident Energy (MeV)

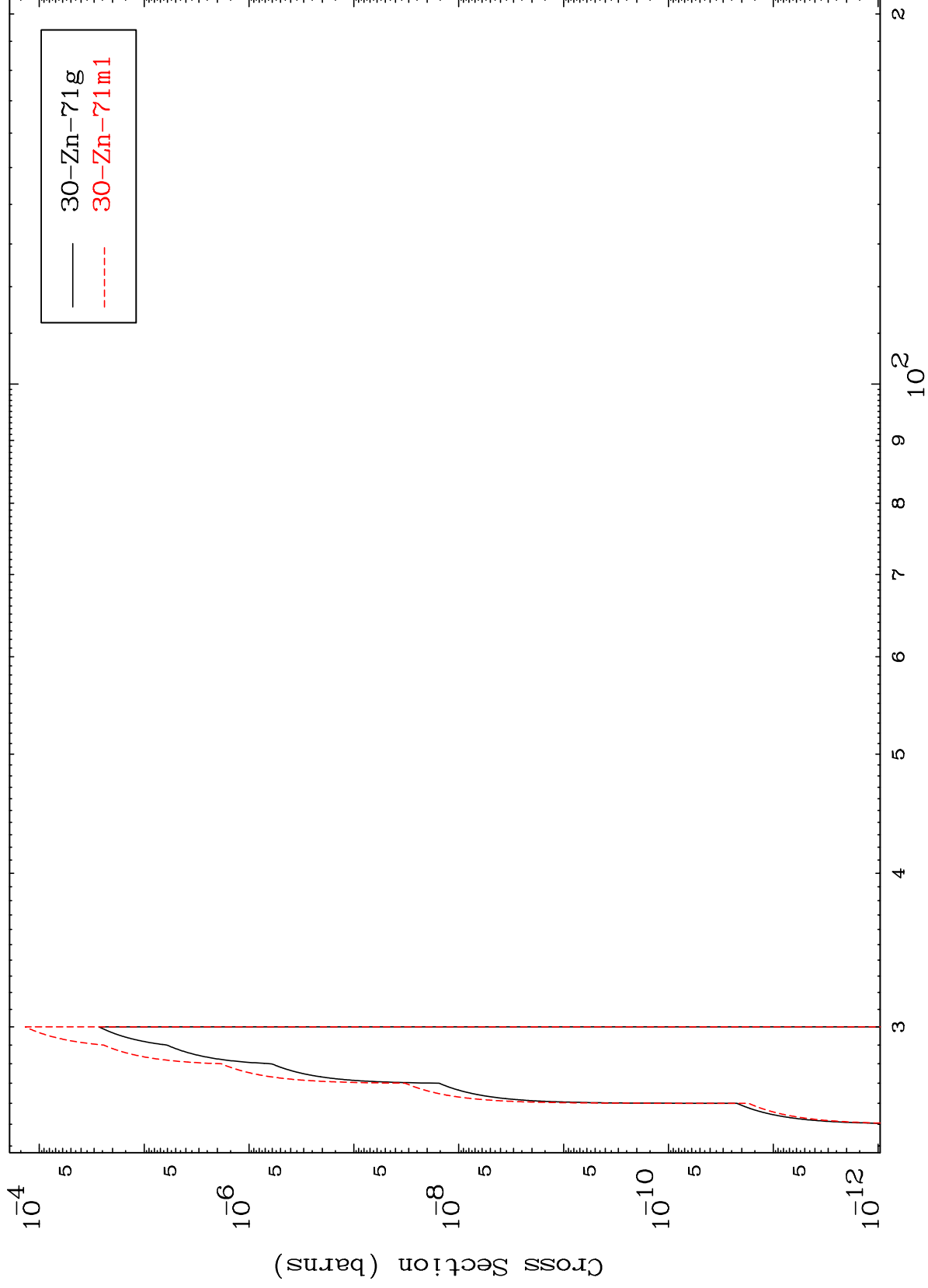
31-Ga-74m

MAT 3141

(n,3n) p

31-Ga-74m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

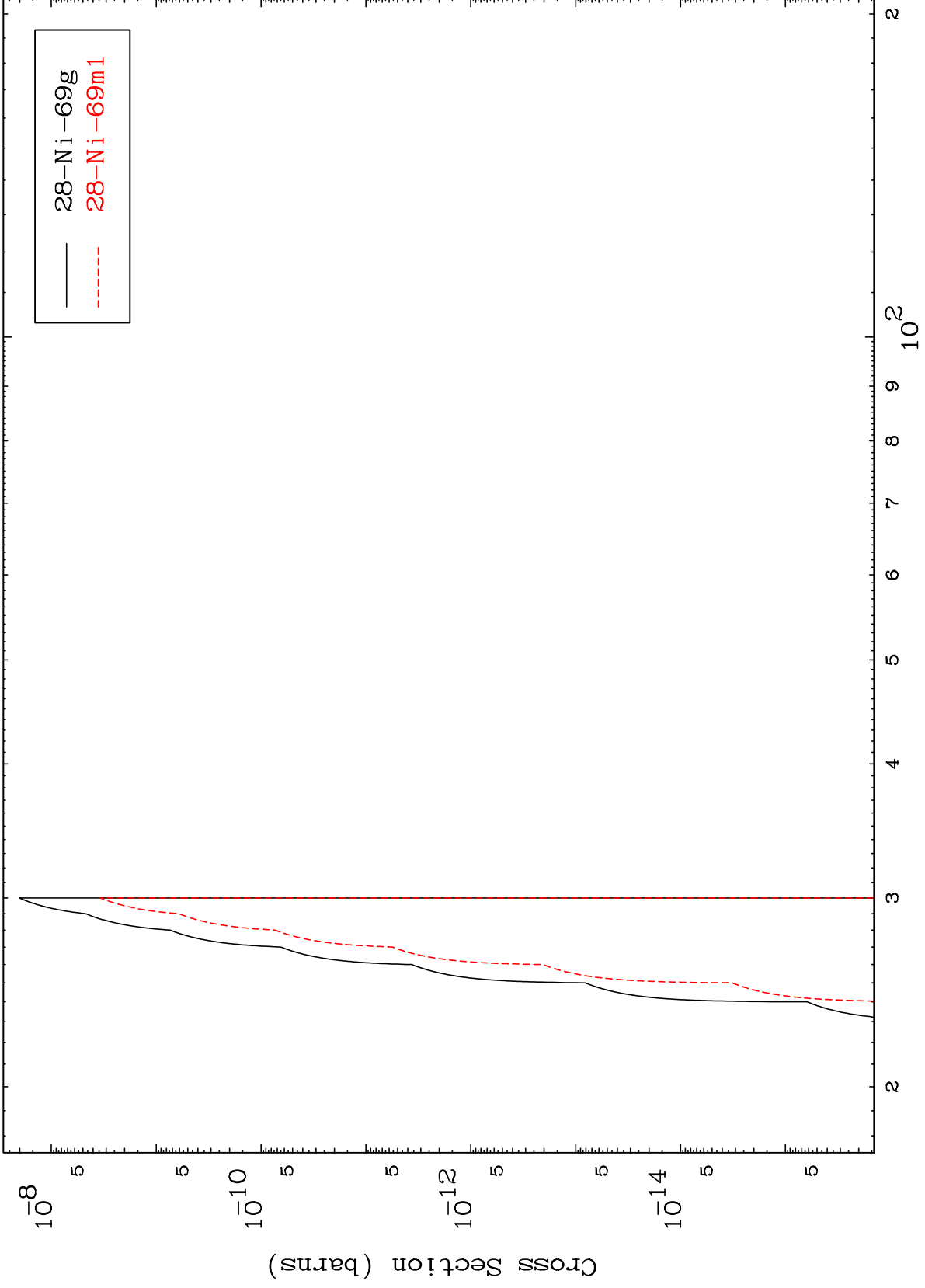
31-Ga-74m

MAT 3141

(n,n') p  $\alpha$

31-Ga-74m

Radionuclide Production Cross Section



26

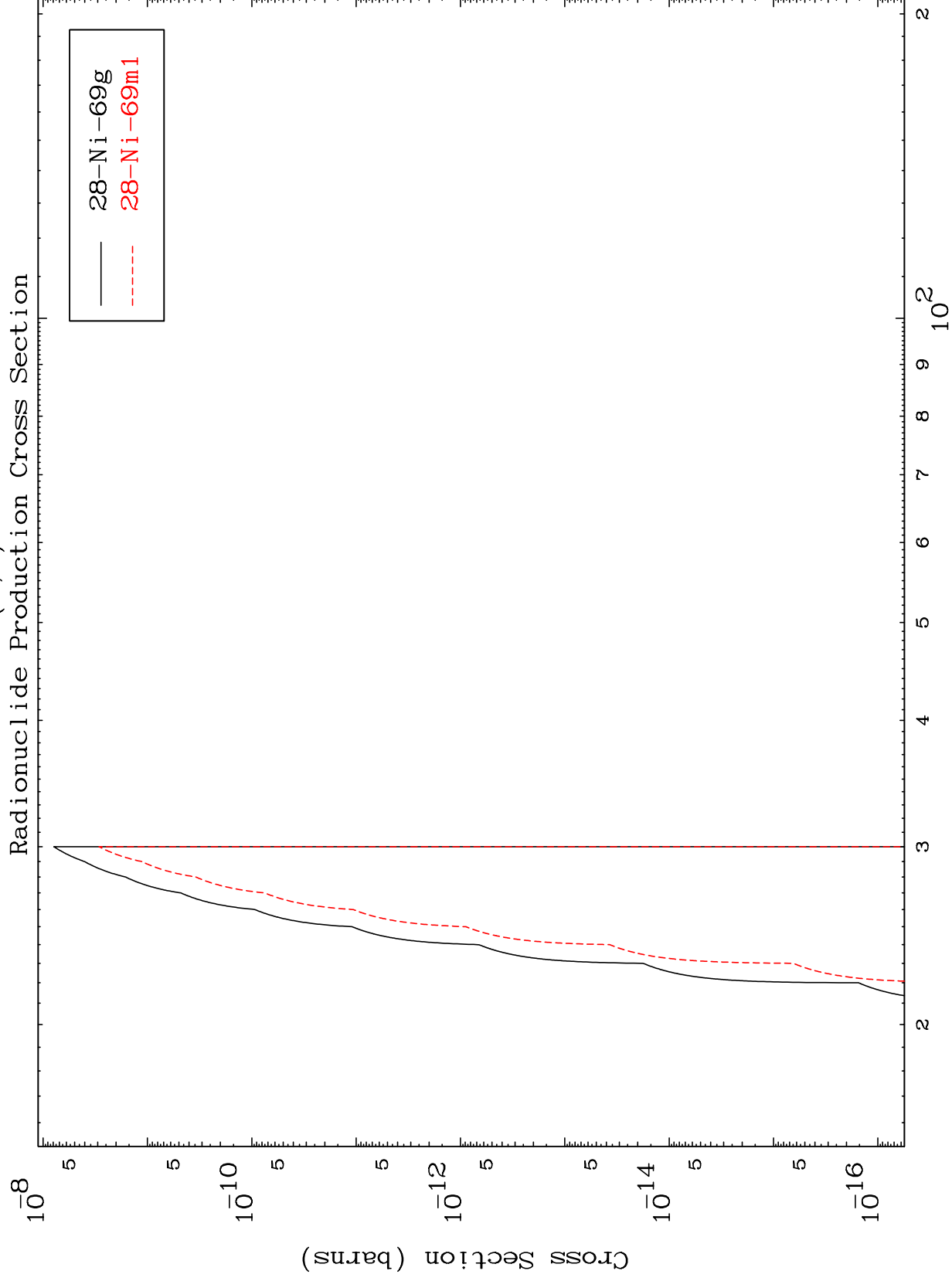
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n,d)  $\alpha$

31-Ga-74m



27

31-Ga-74m