

Program EVALPLOT
(Version 2021-1)

by

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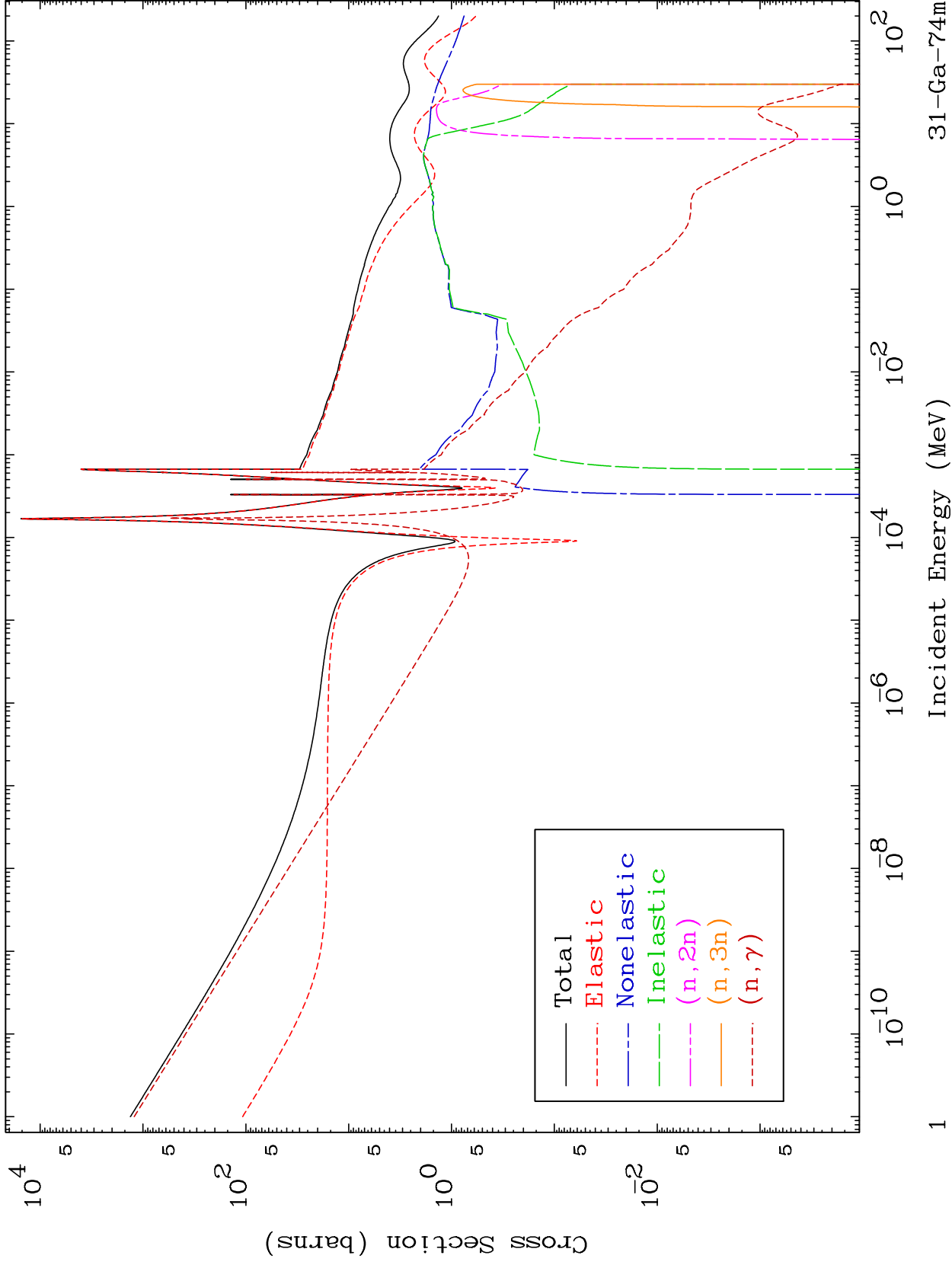
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Press Mouse Button to Start

MAT 3141

Neutron Major
293 Kelvin Cross Sections

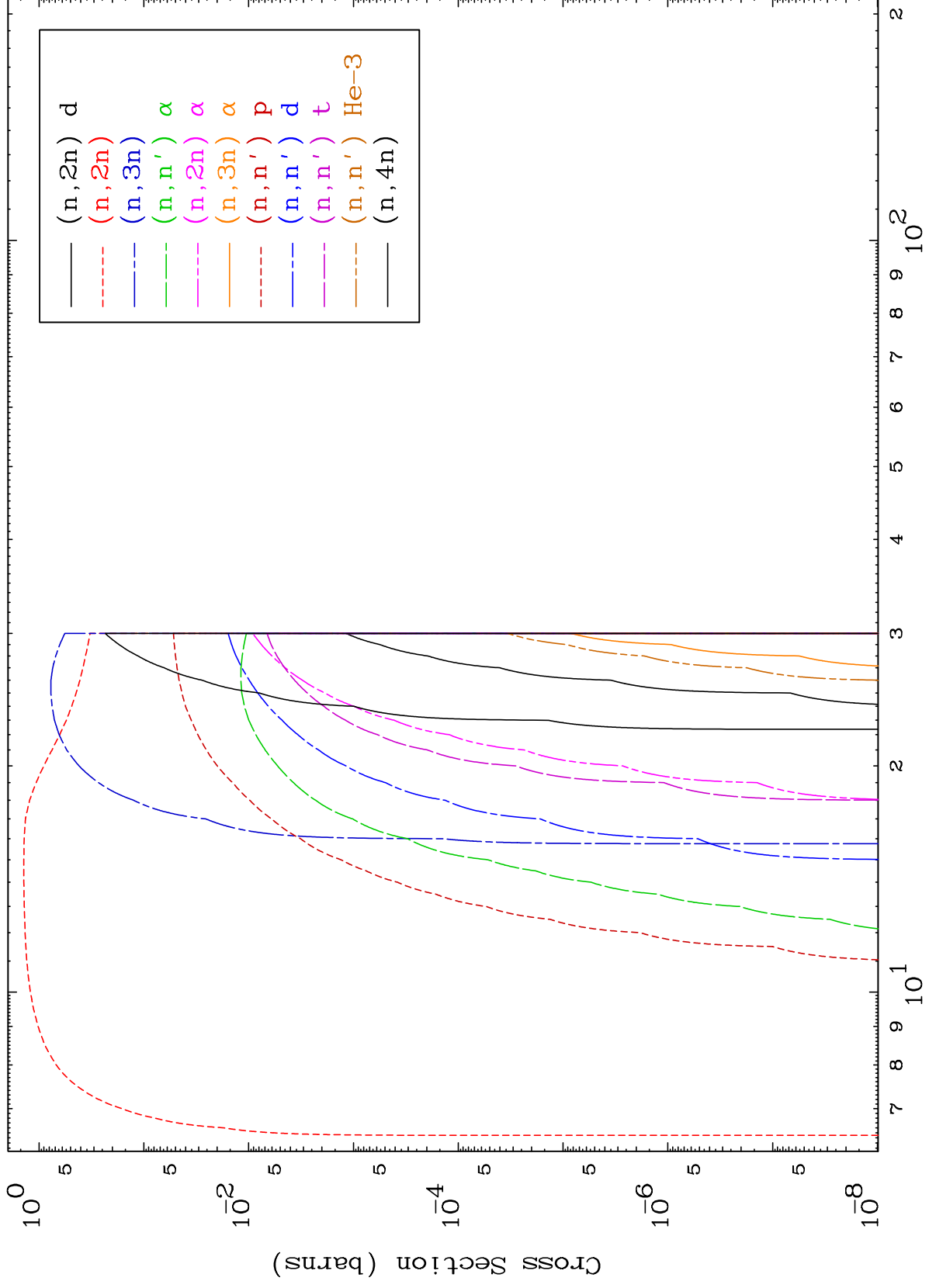
31-Ga-74m



MAT 3141

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-74m



2

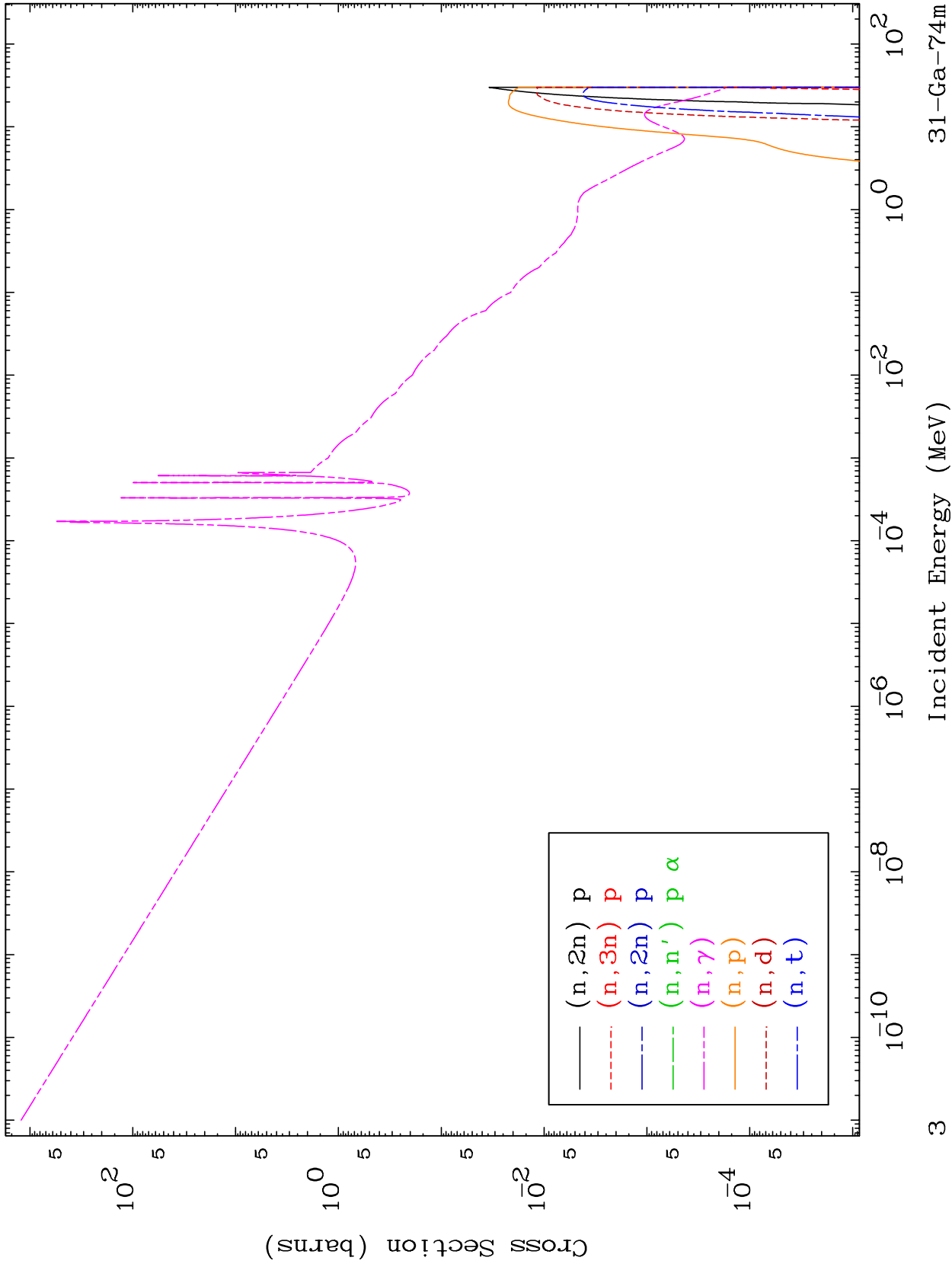
Incident Energy (MeV)

31-Ga-74m

MAT 3141

Neutron Absorption
293 Kelvin Cross Sections

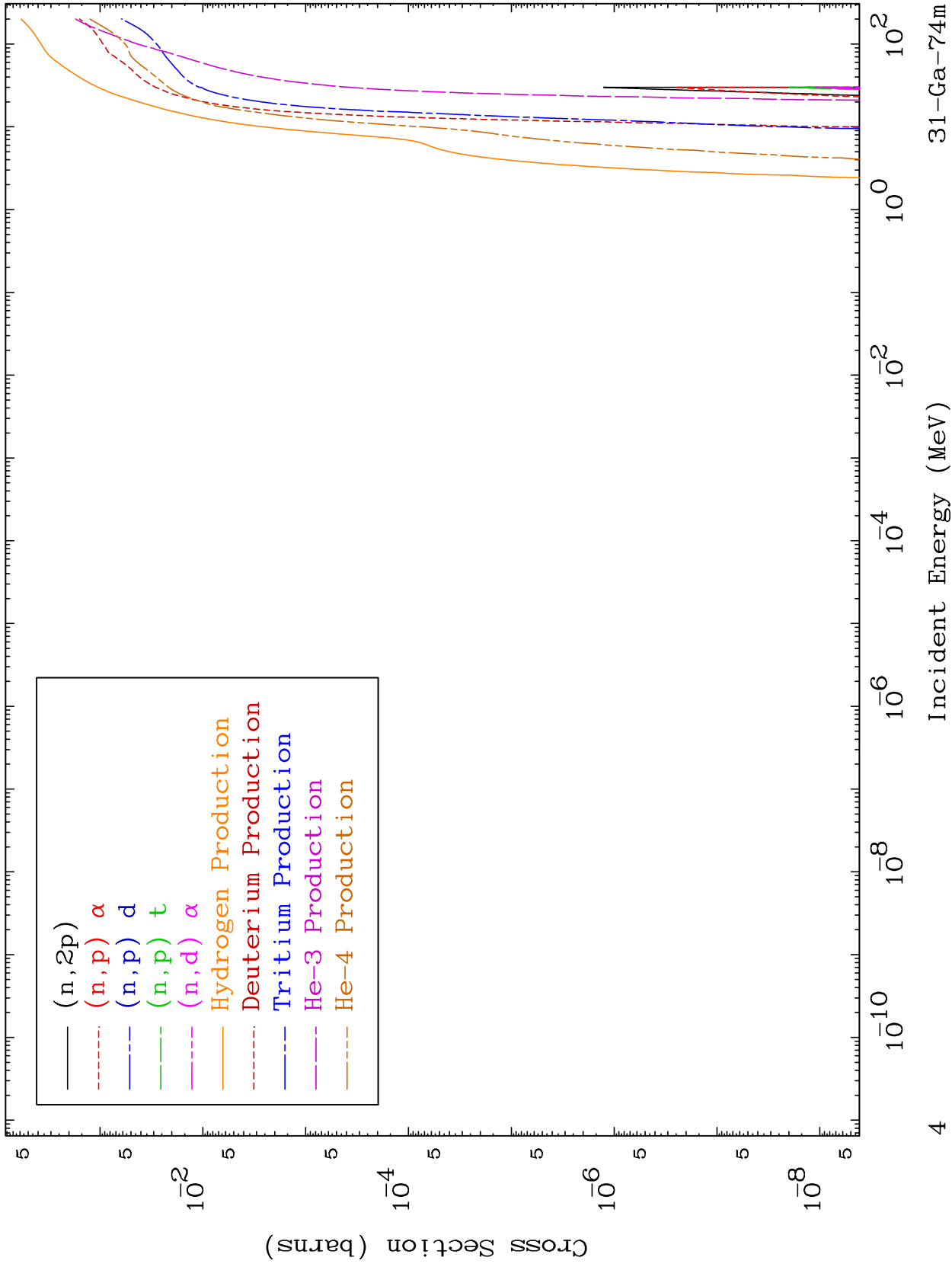
31-Ga-74m



MAT 3141

Neutron Absorption
293 Kelvin Cross Sections

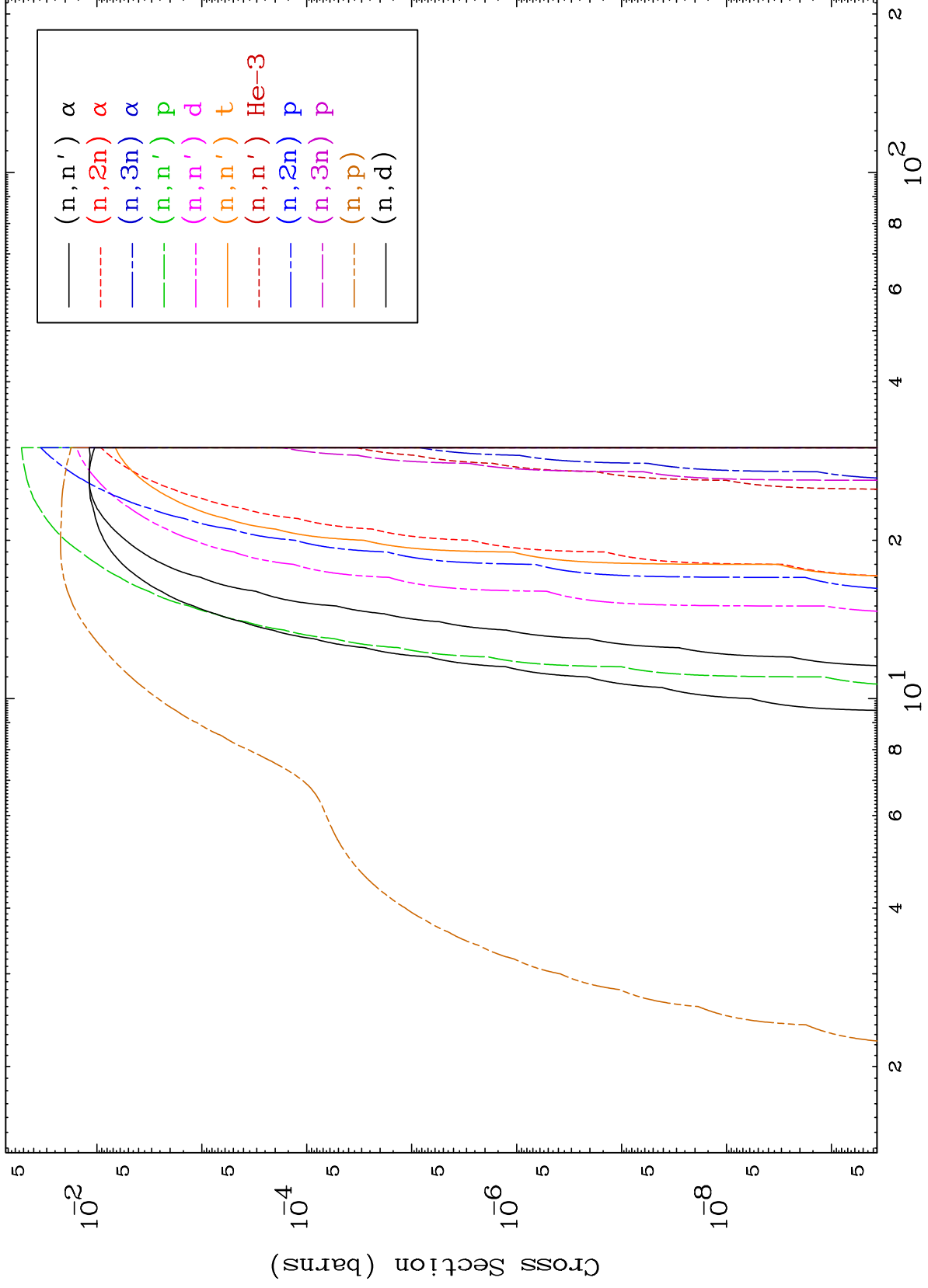
31-Ga-74m



MAT 3141

Charged Particle
293 Kelvin Cross Sections

31-Ga-74m



5

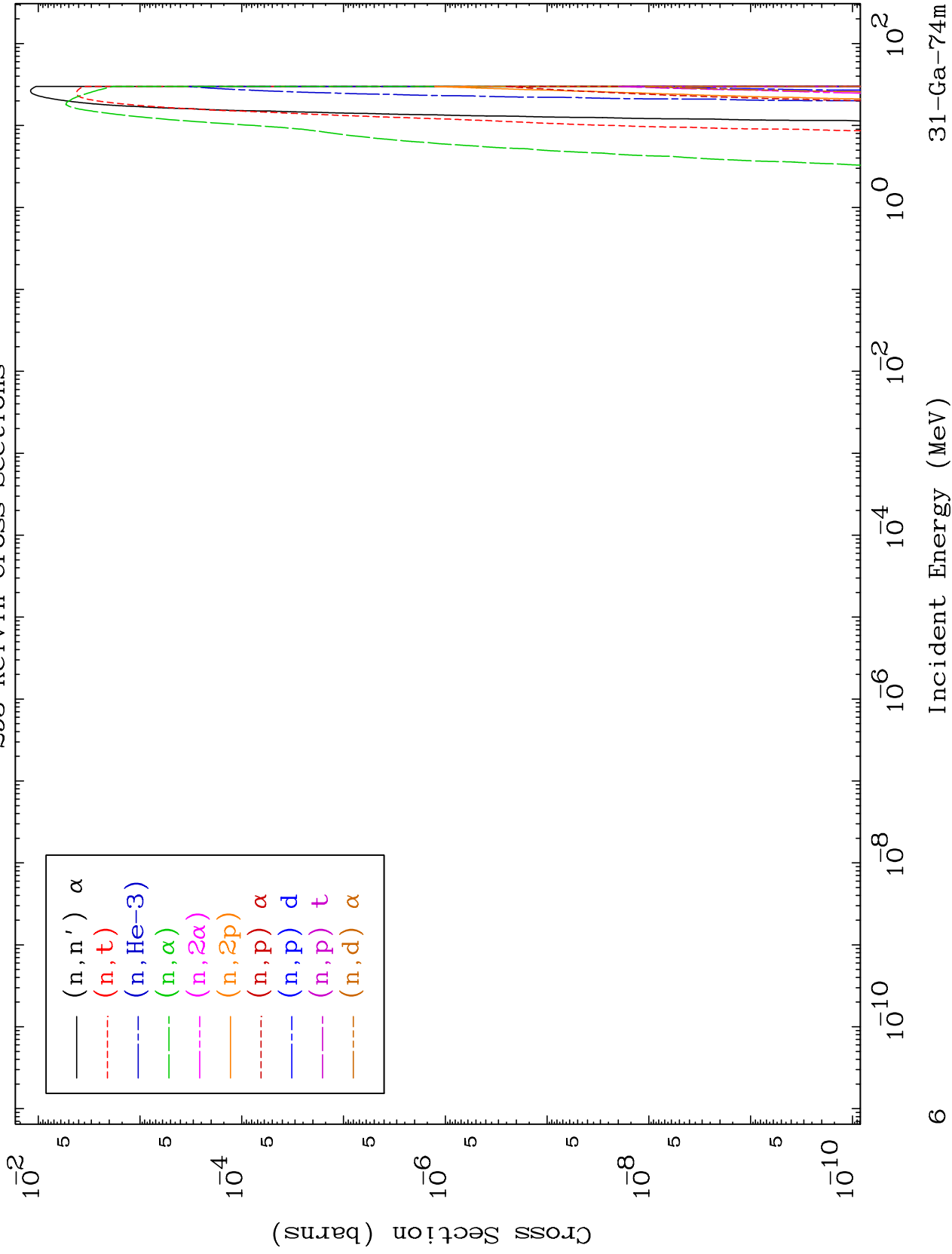
Incident Energy (MeV)

31-Ga-74m

MAT 3141

Charged Particle
293 Kelvin Cross Sections

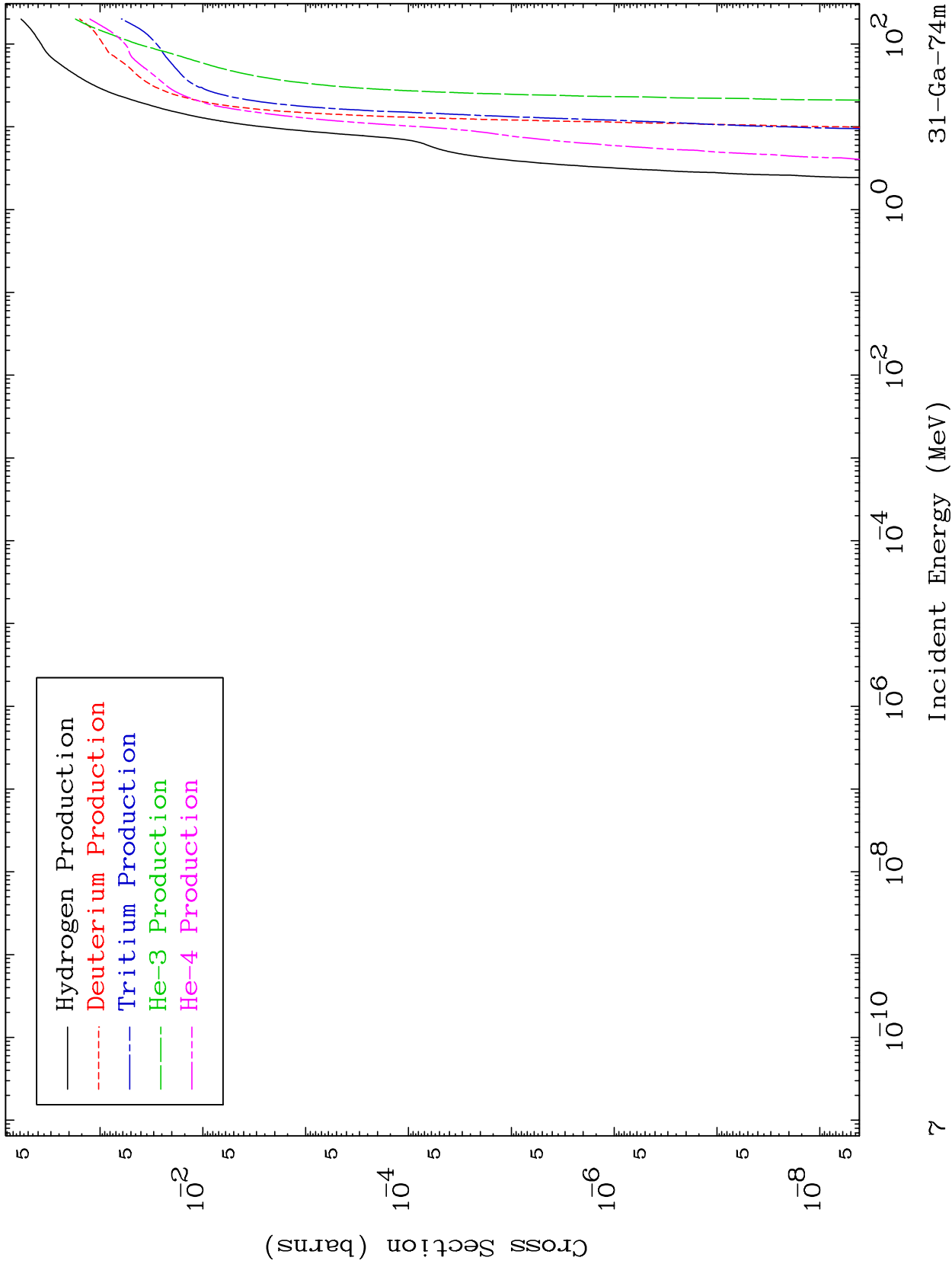
31-Ga-74m



MAT 3141

Particle Production
293 Kelvin Cross Sections

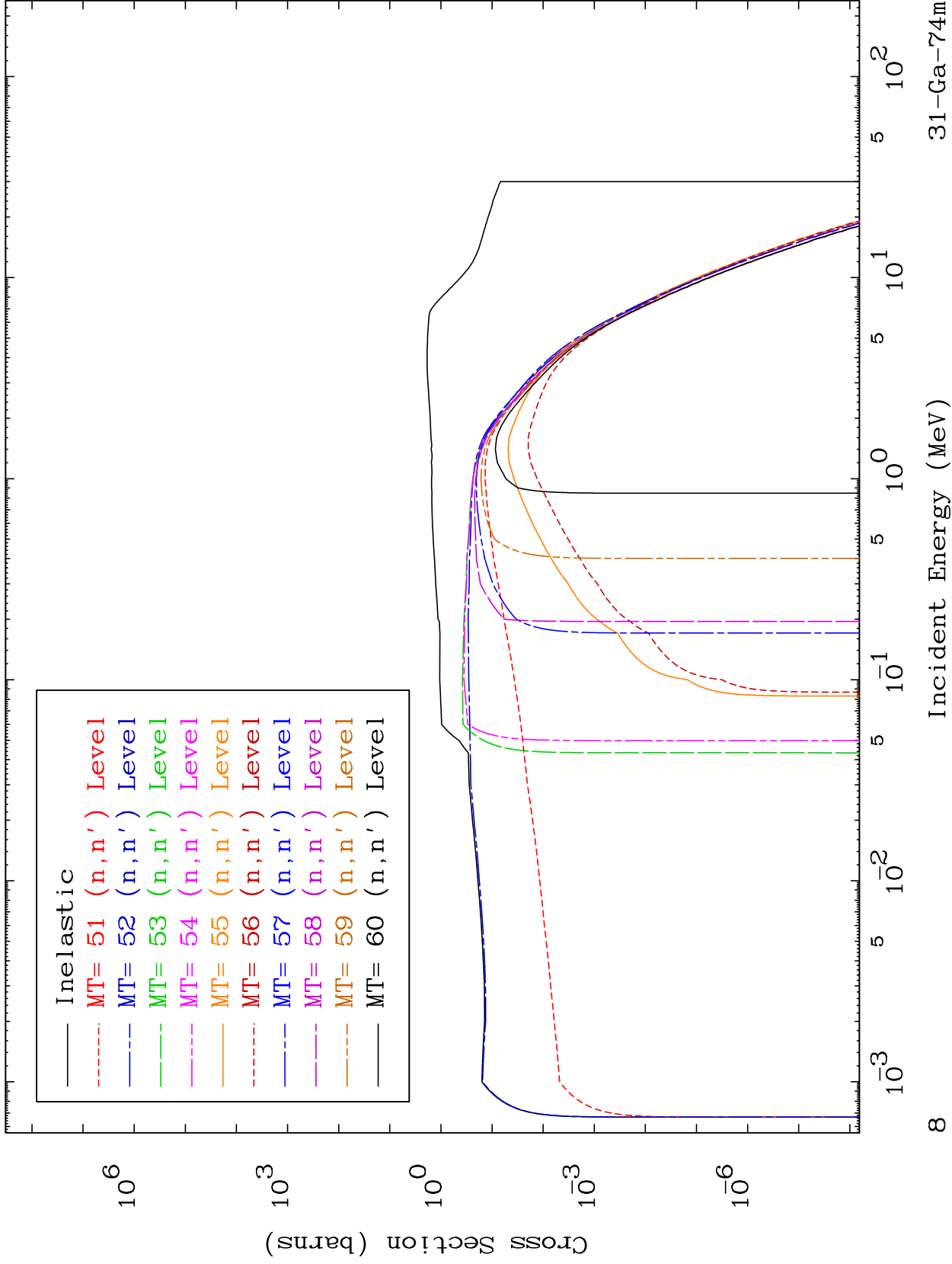
31-Ga-74m



MAT 3141

(n,n') Levels
293 Kelvin Cross Sections

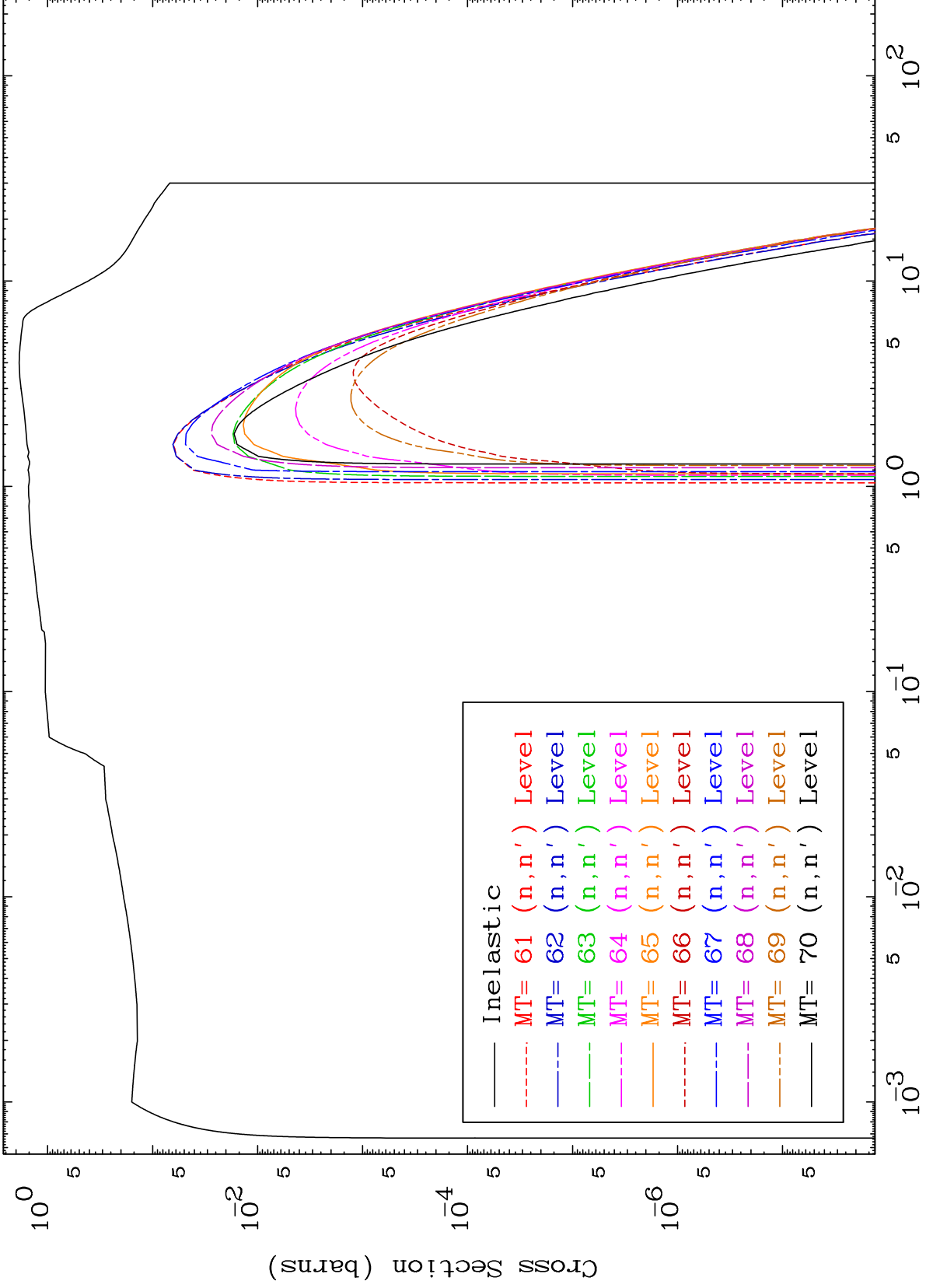
31-Ga-74m



MAT 3141

(n,n') Levels
293 Kelvin Cross Sections

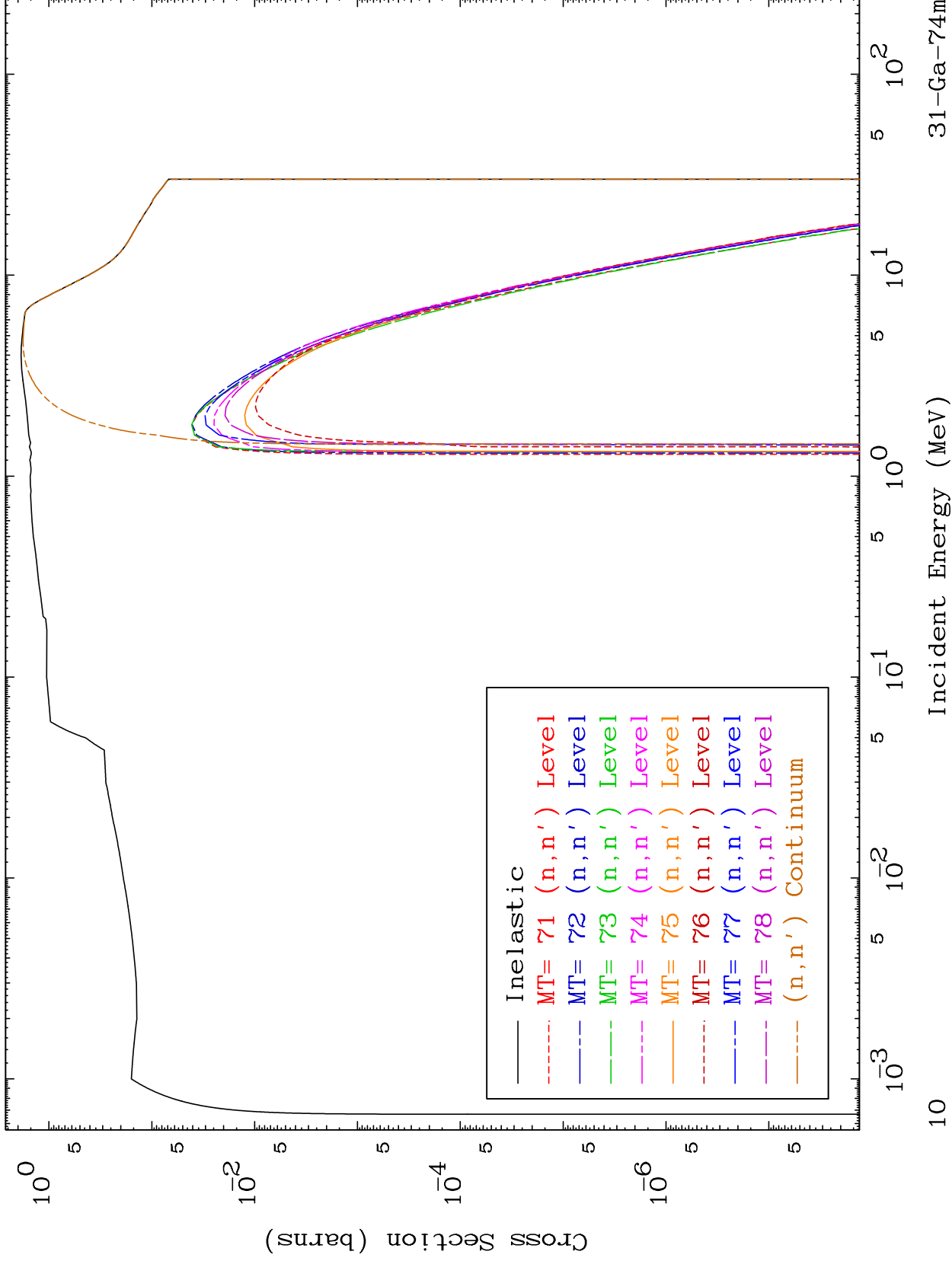
31-Ga-74m



MAT 3141

(n,n') Levels
293 Kelvin Cross Sections

31-Ga-74m



10

10^{-3}

5 10^{-2}

5 10^{-1}

5 10^0

5 10^1

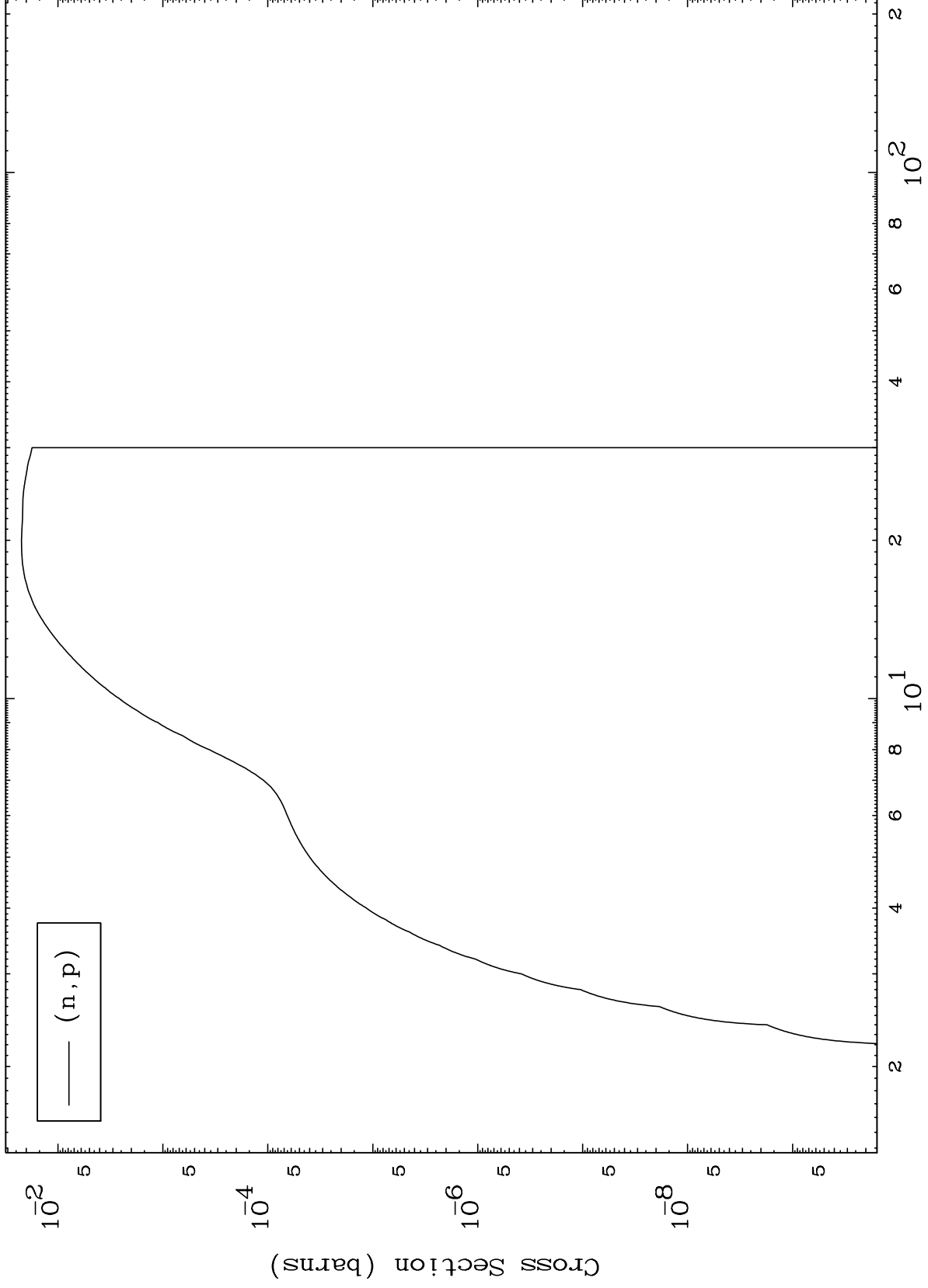
5 10^2

31-Ga-74m

MAT 3141

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-74m

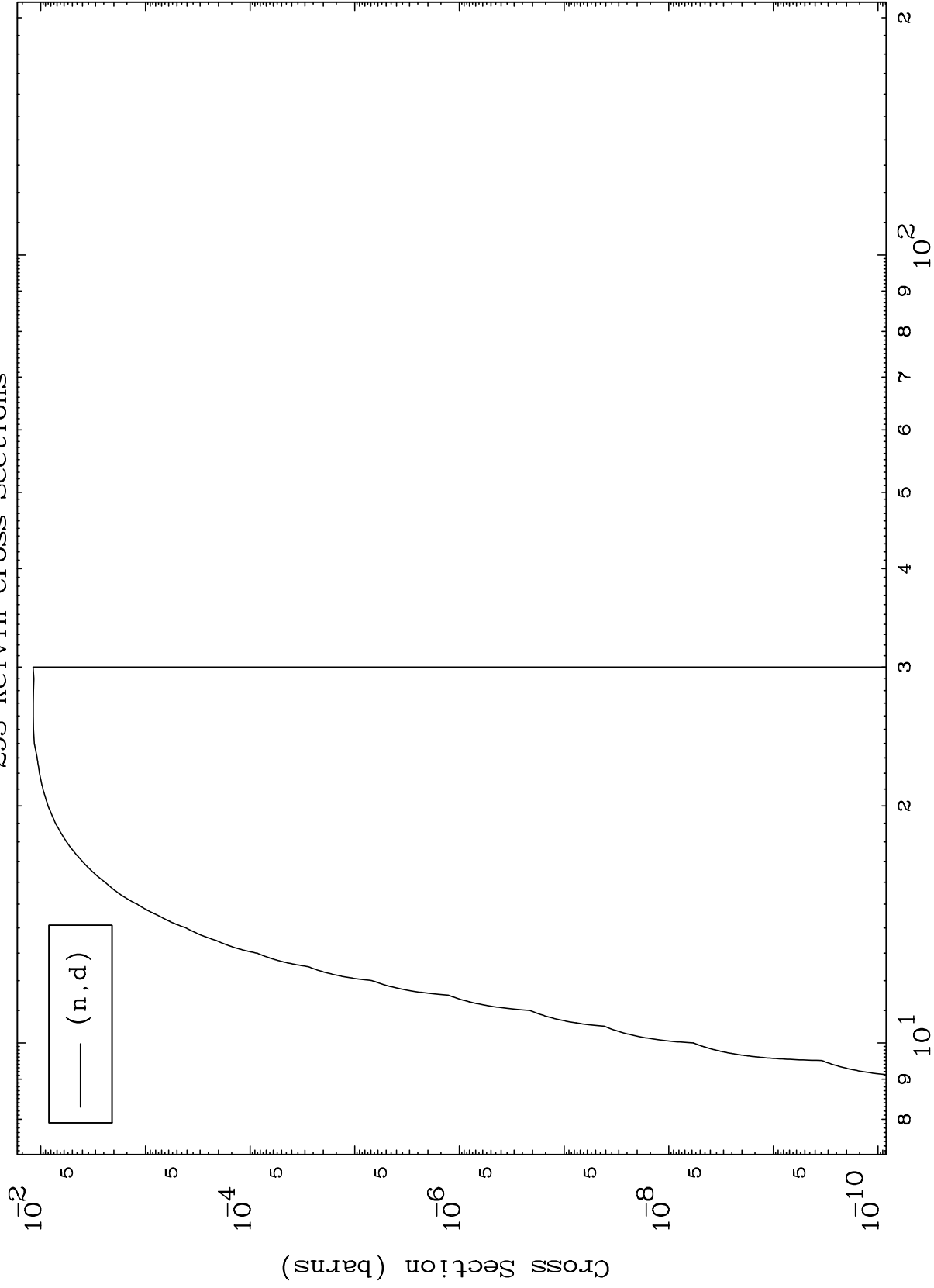


(n,p)

MAT 3141

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-74m



12

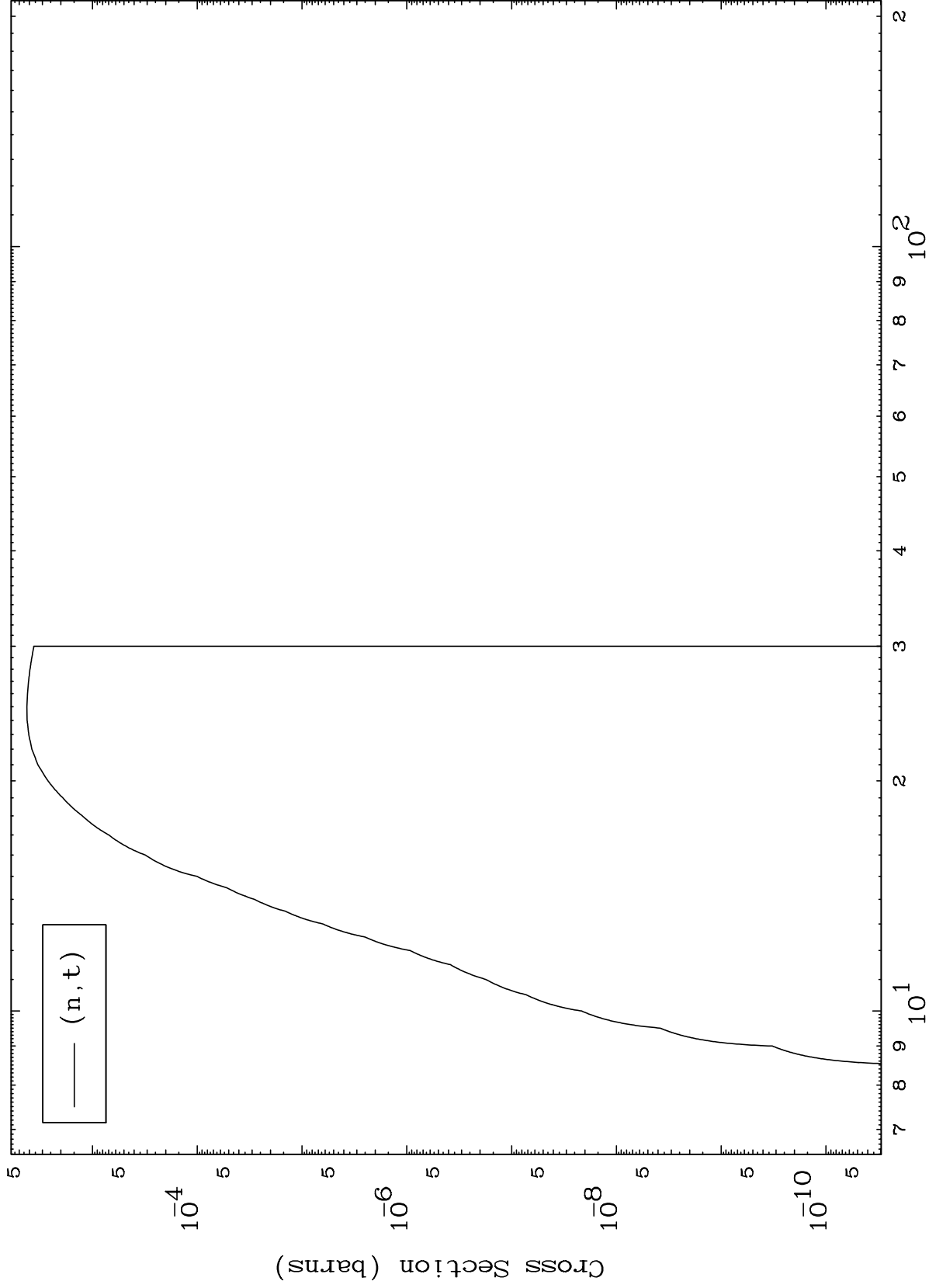
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-74m



13

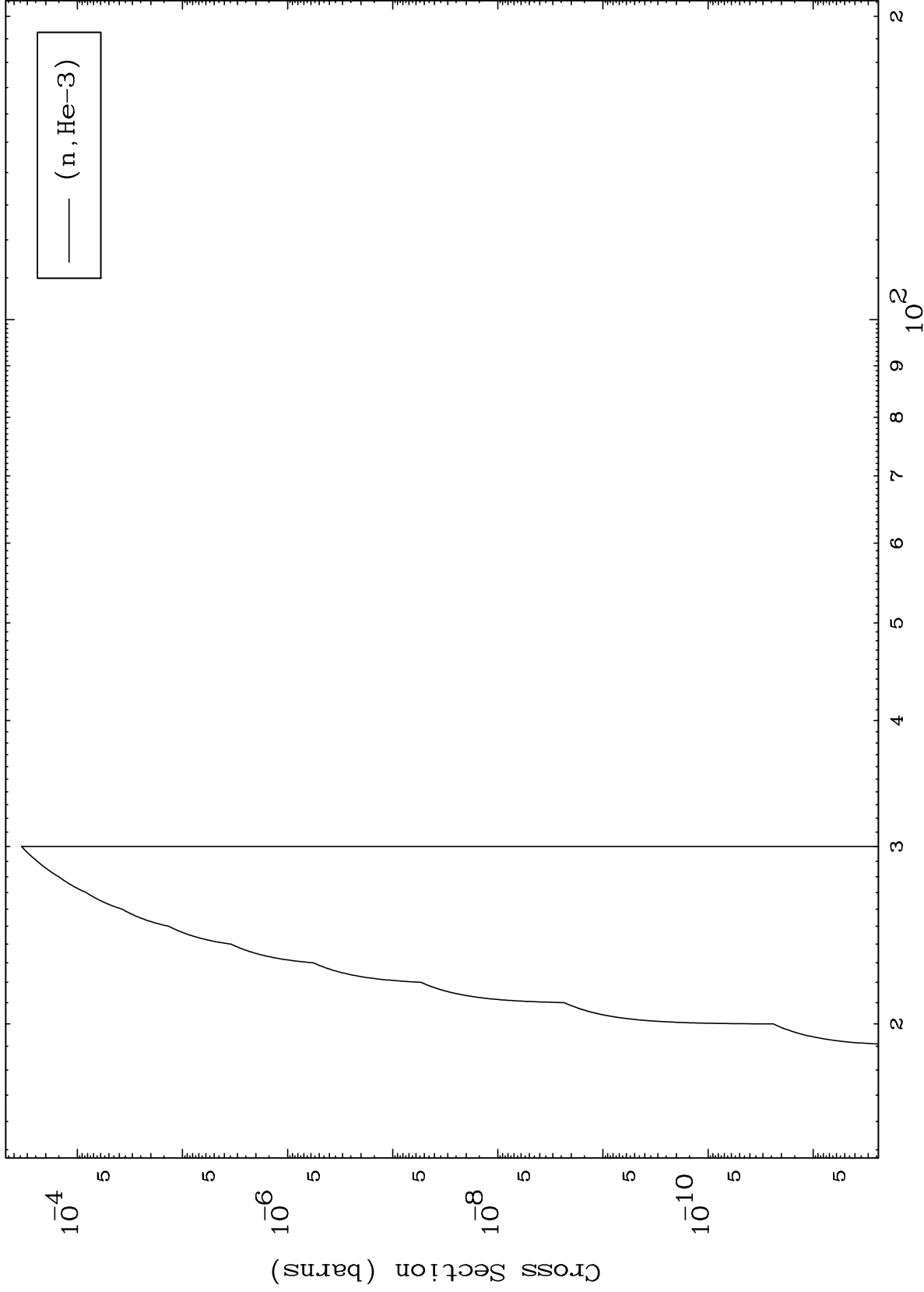
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-74m



14

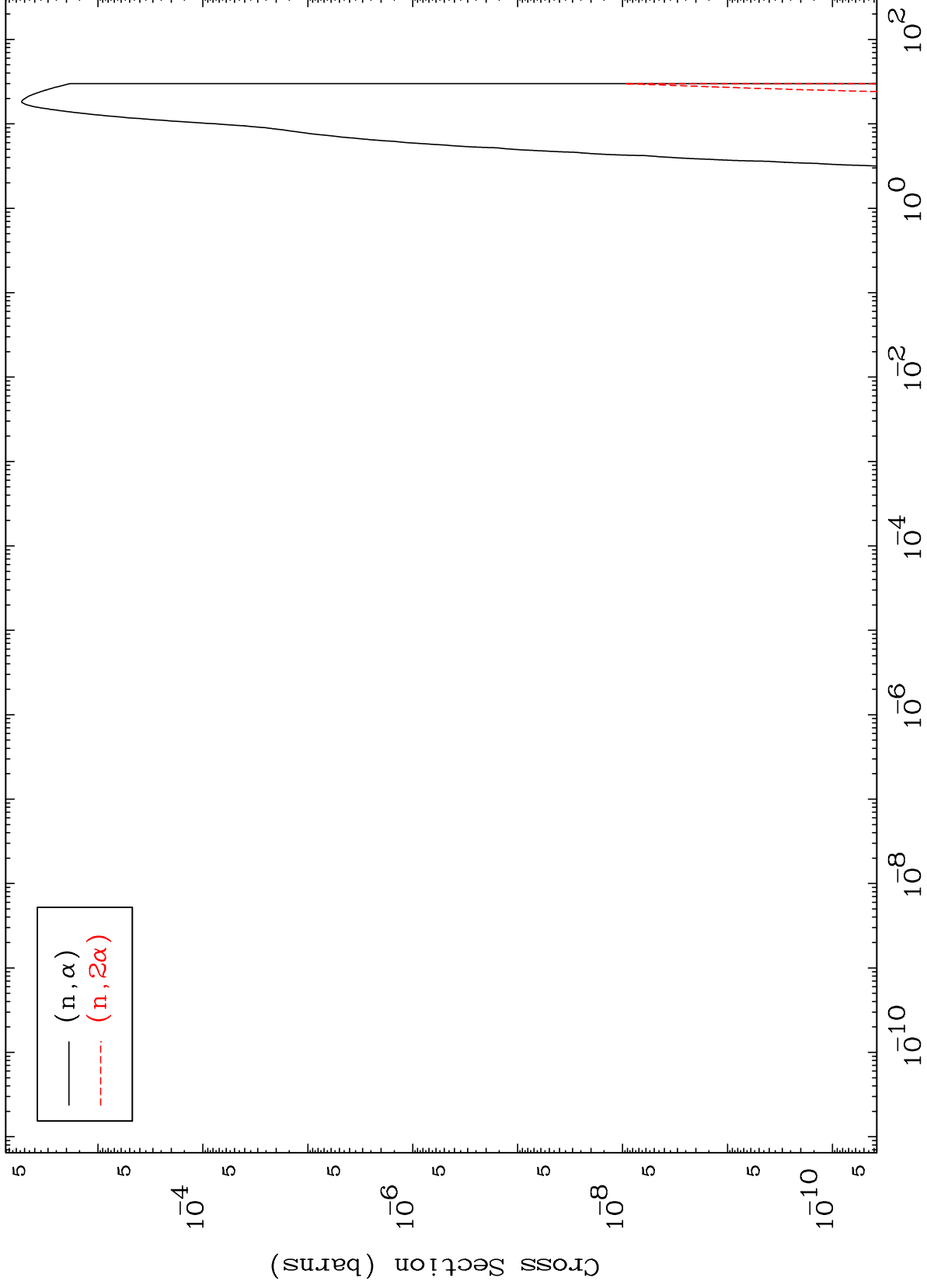
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n, α) Levels
293 Kelvin Cross Sections

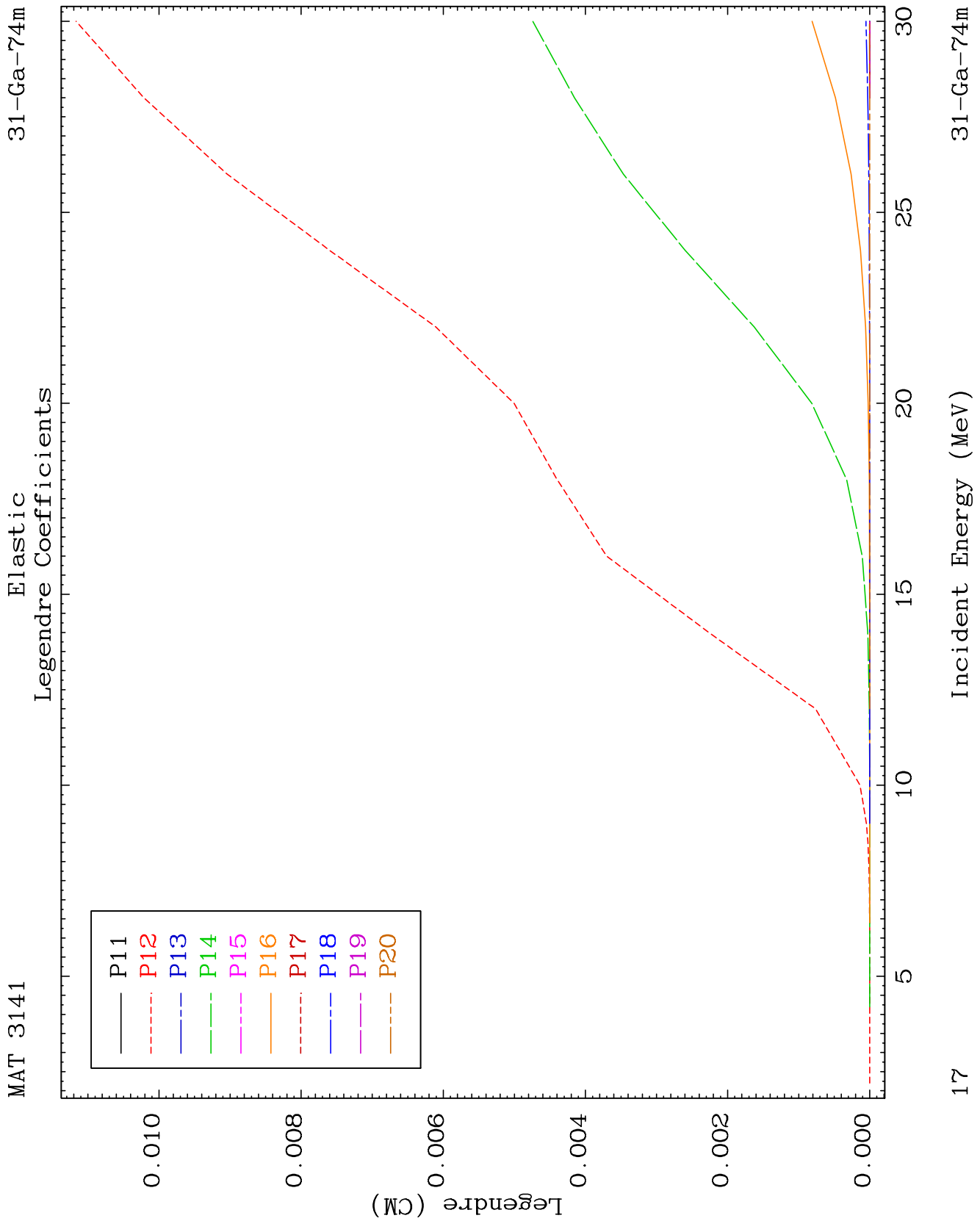
31-Ga-74m

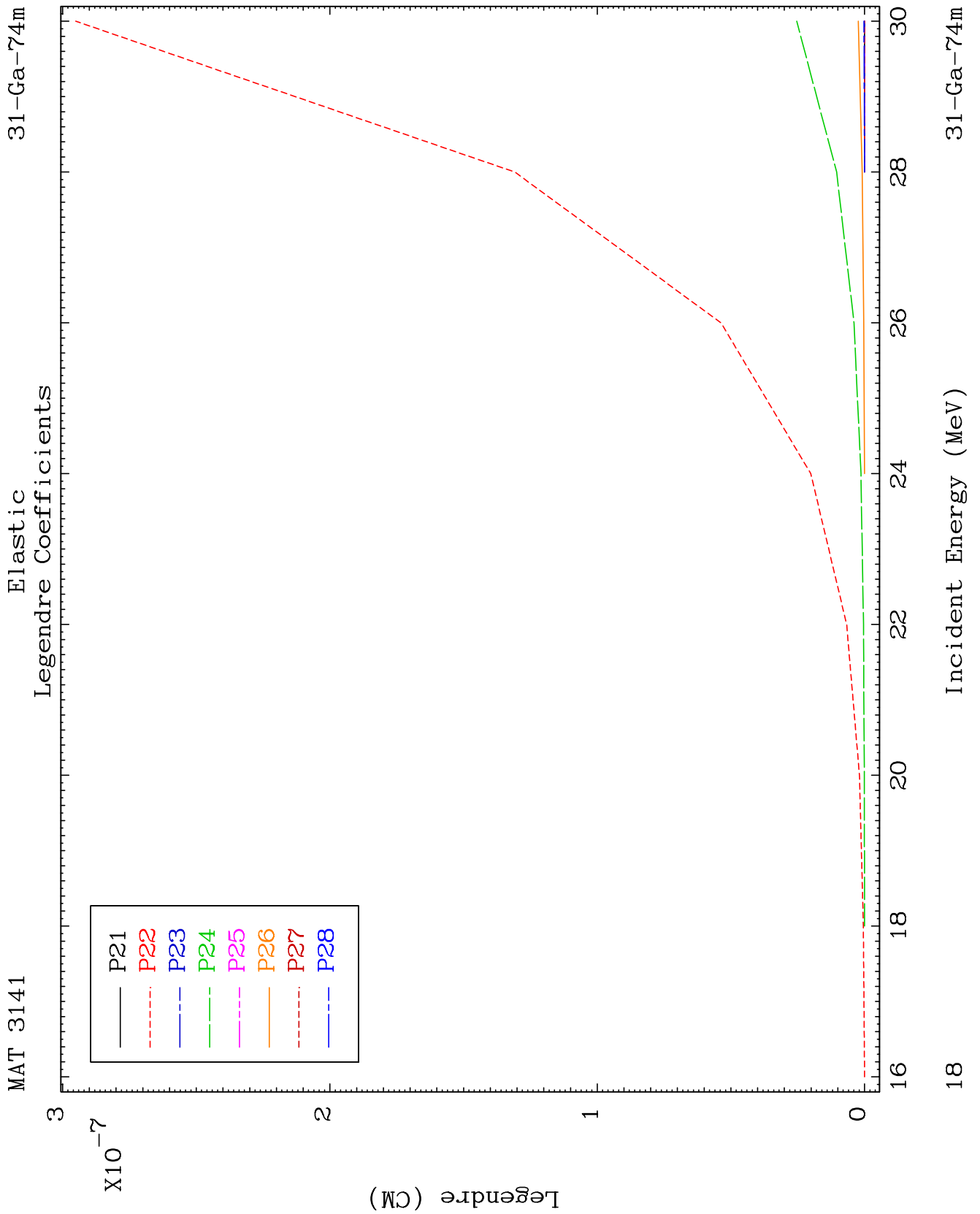


15

Incident Energy (MeV)

31-Ga-74m

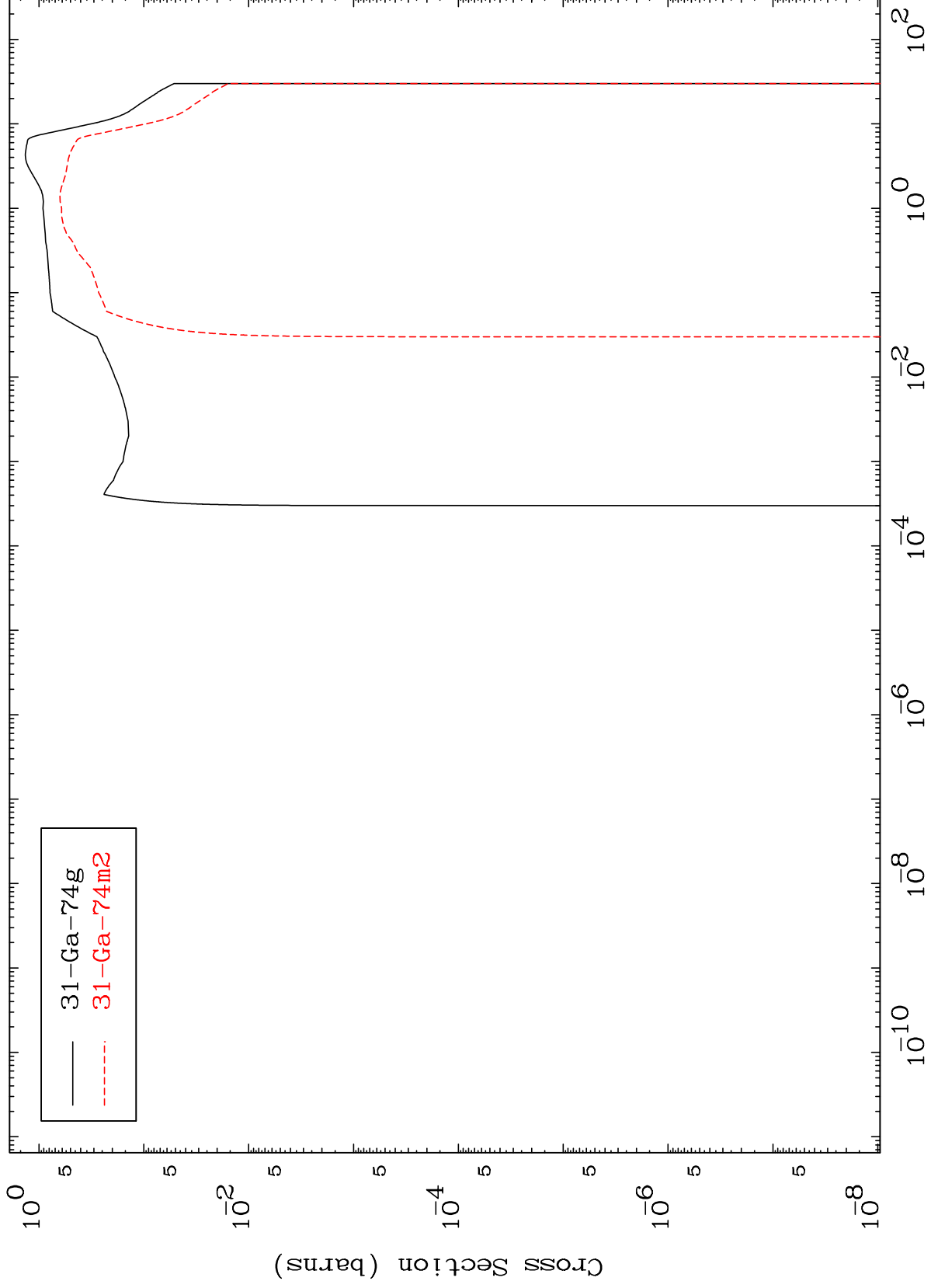




MAT 3141

Inelastic
Radionuclide Production Cross Section

³¹Ga-⁷⁴m



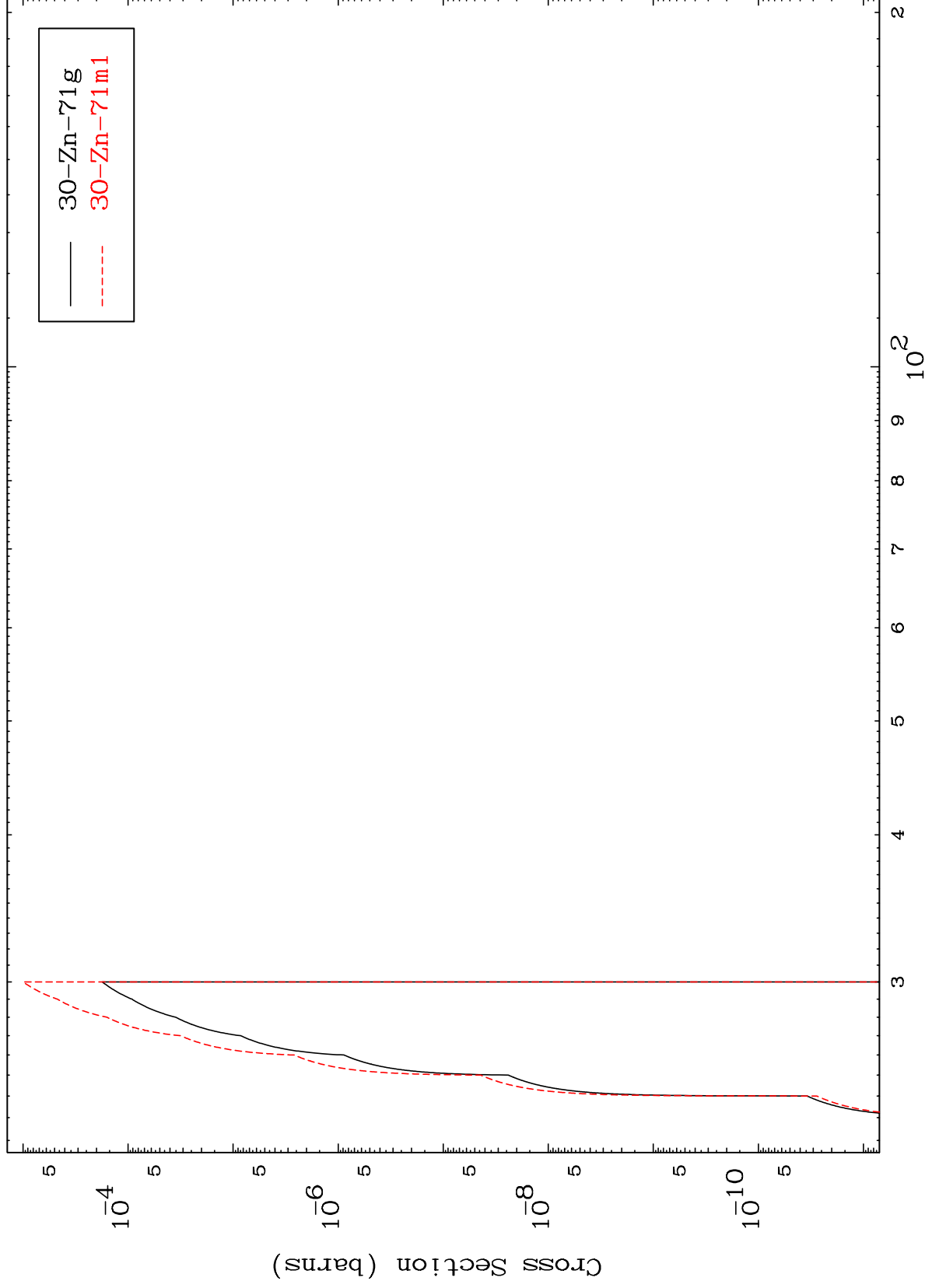
— 31-Ga-74g
- - - 31-Ga-74m2

MAT 3141

(n,2n) d

31-Ga-74m

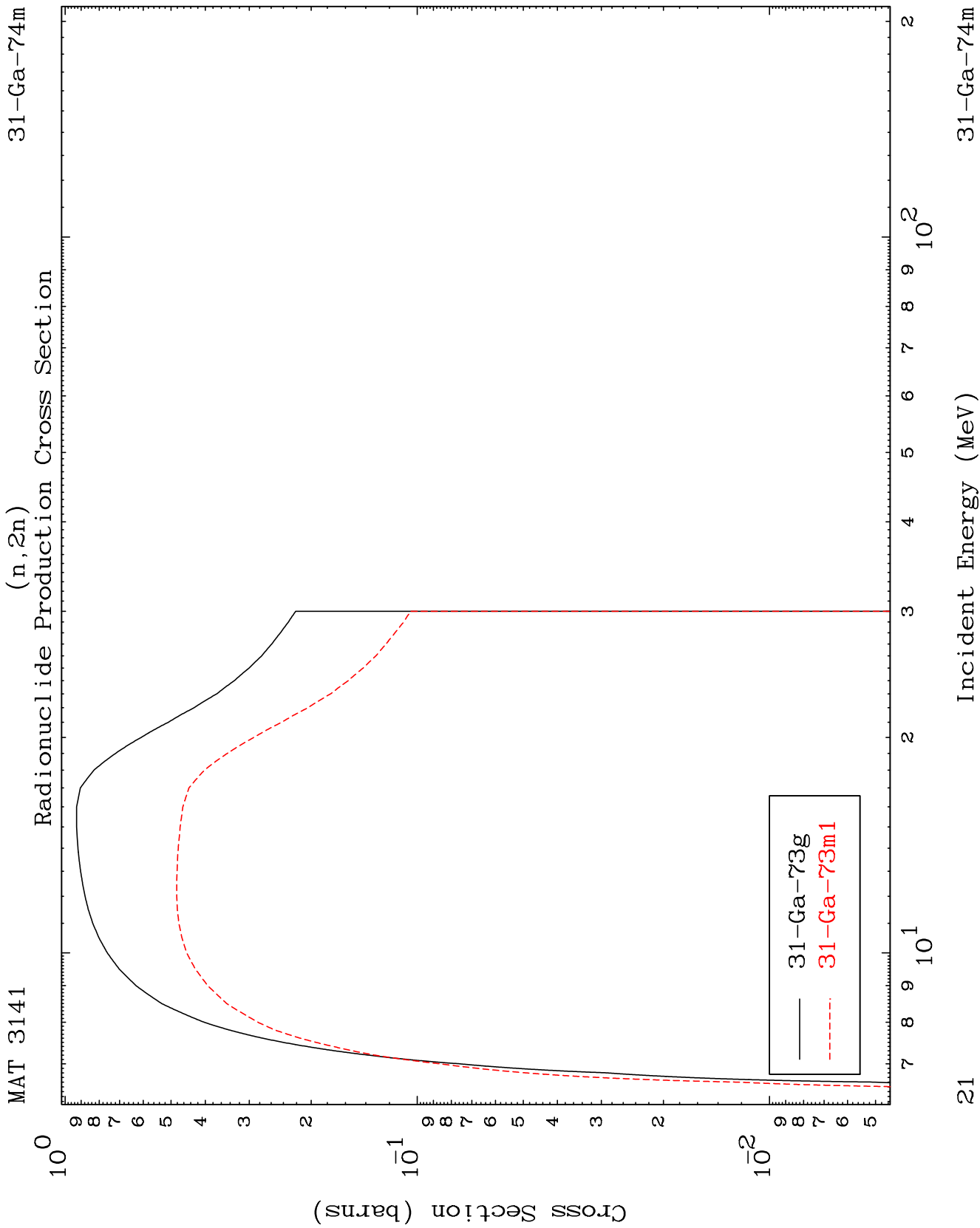
Radionuclide Production Cross Section



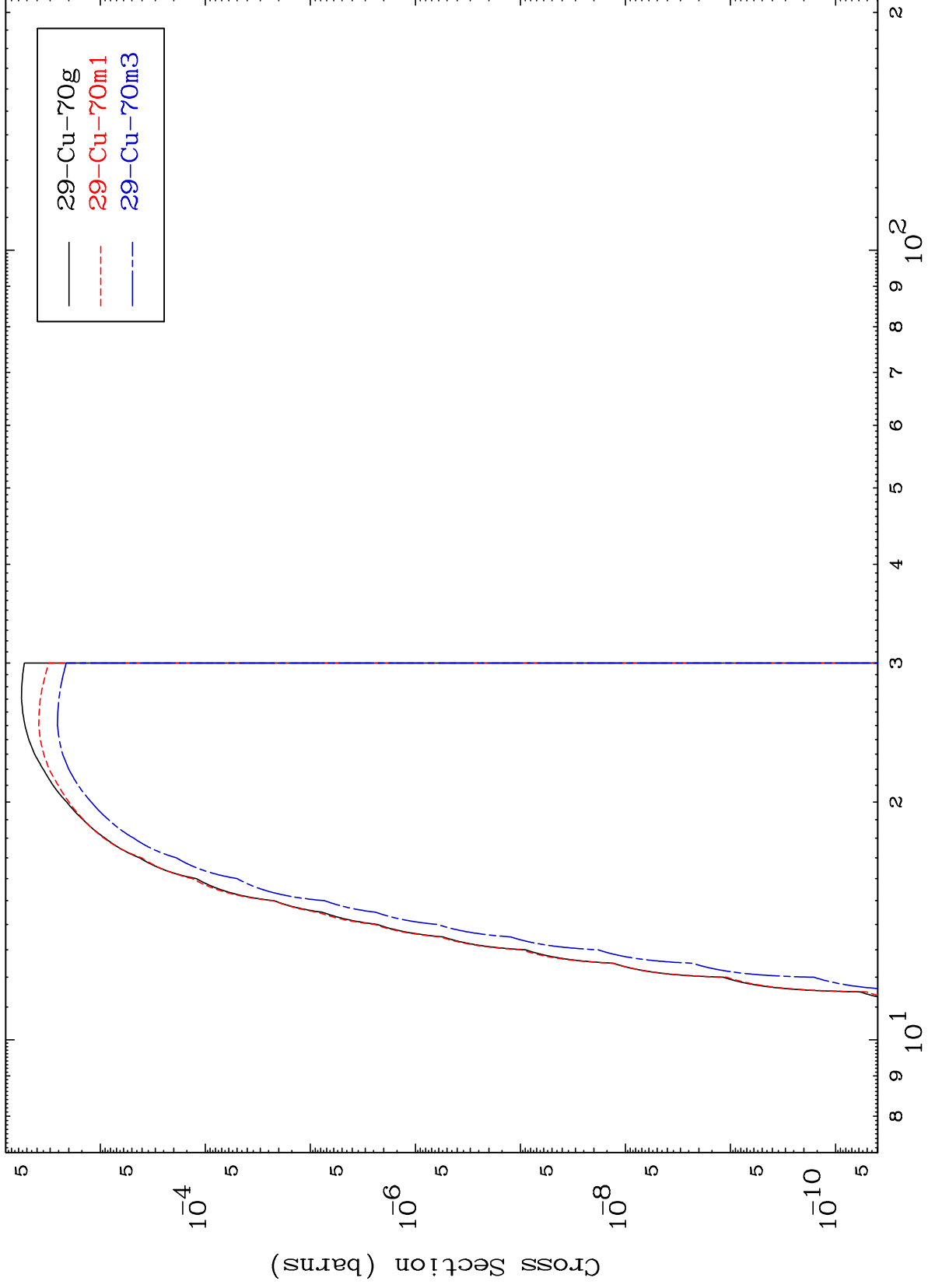
20

Incident Energy (MeV)

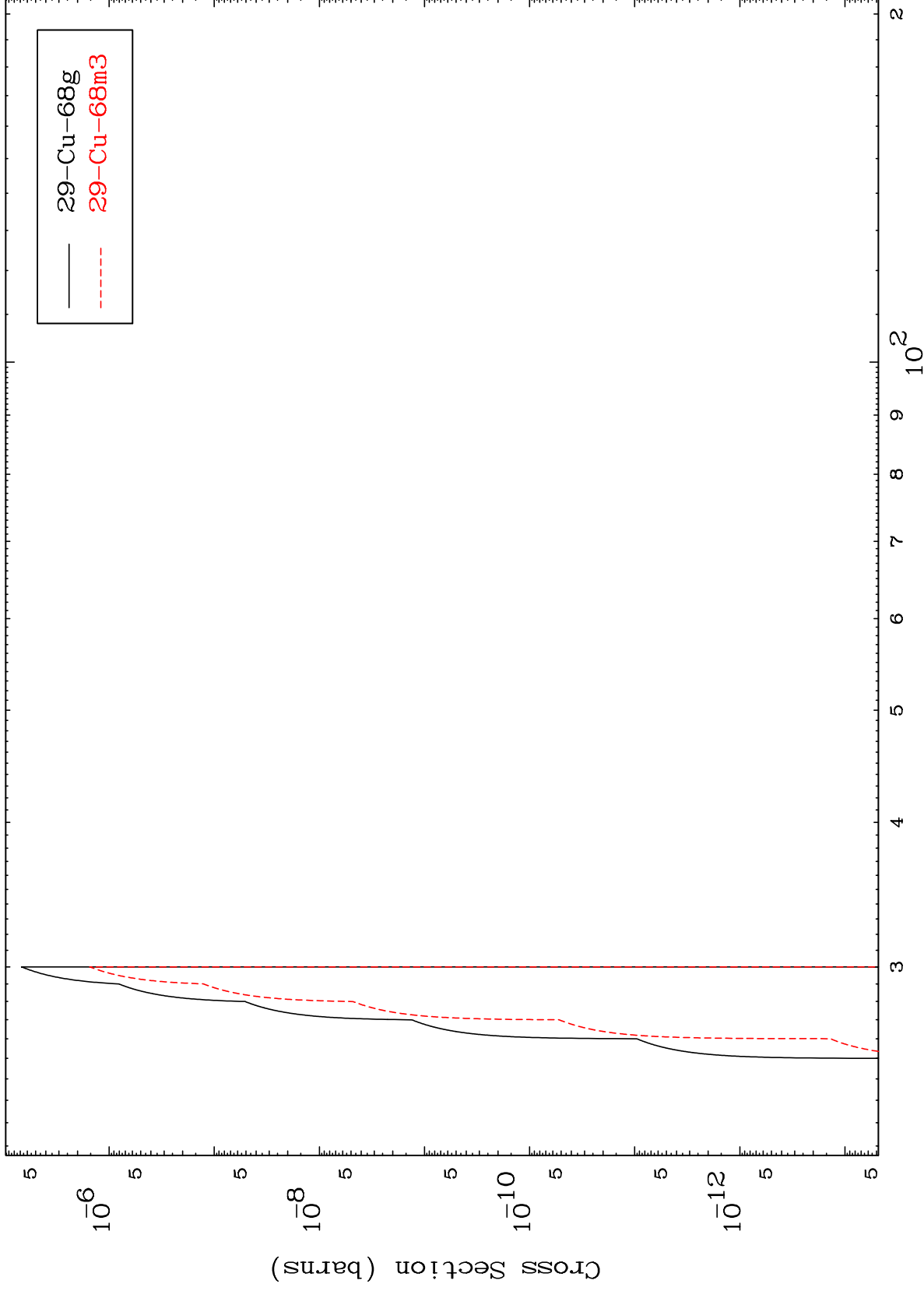
31-Ga-74m



Radionuclide Production Cross Section



Radionuclide Production Cross Section

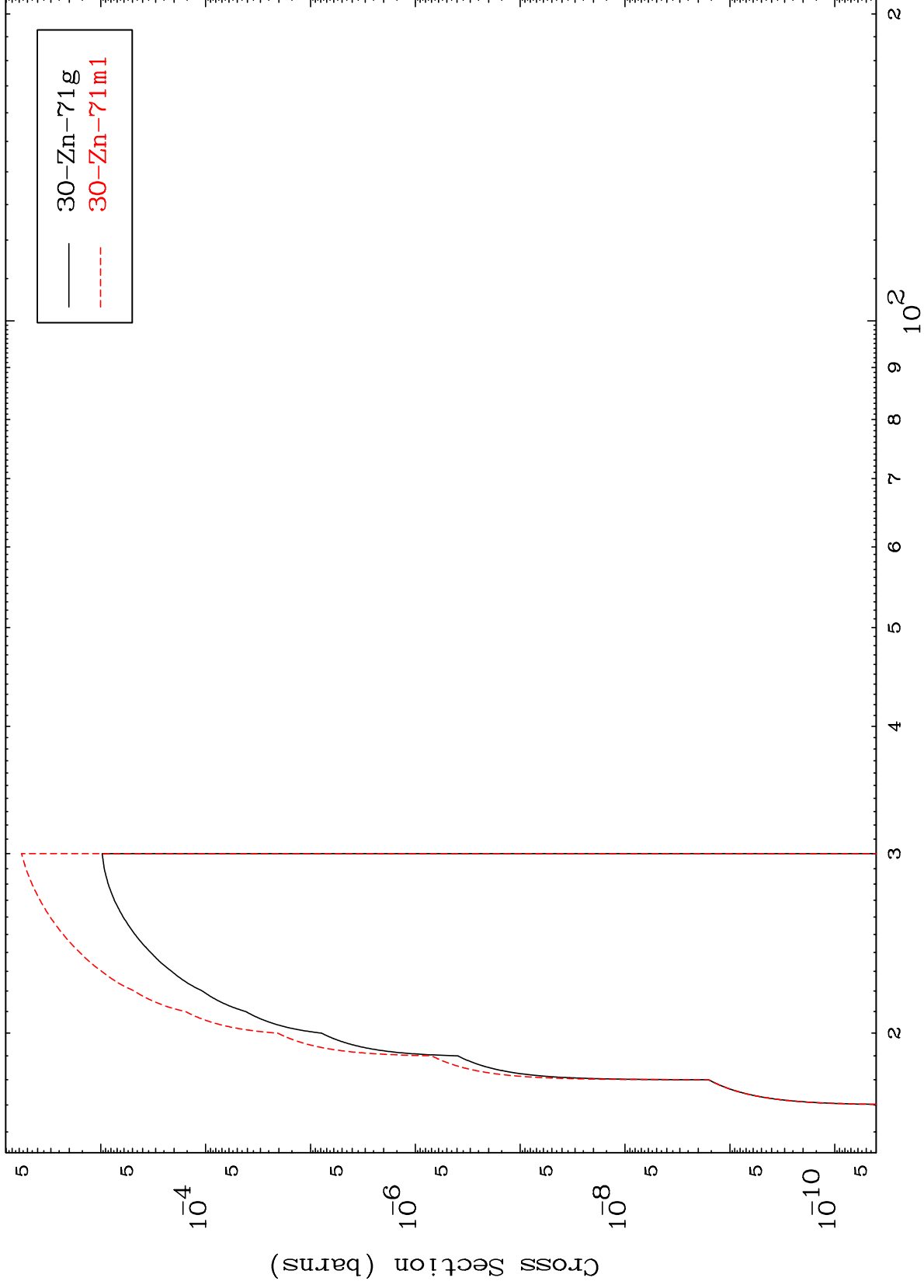


MAT 3141

(n,n') t

31-Ga-74m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

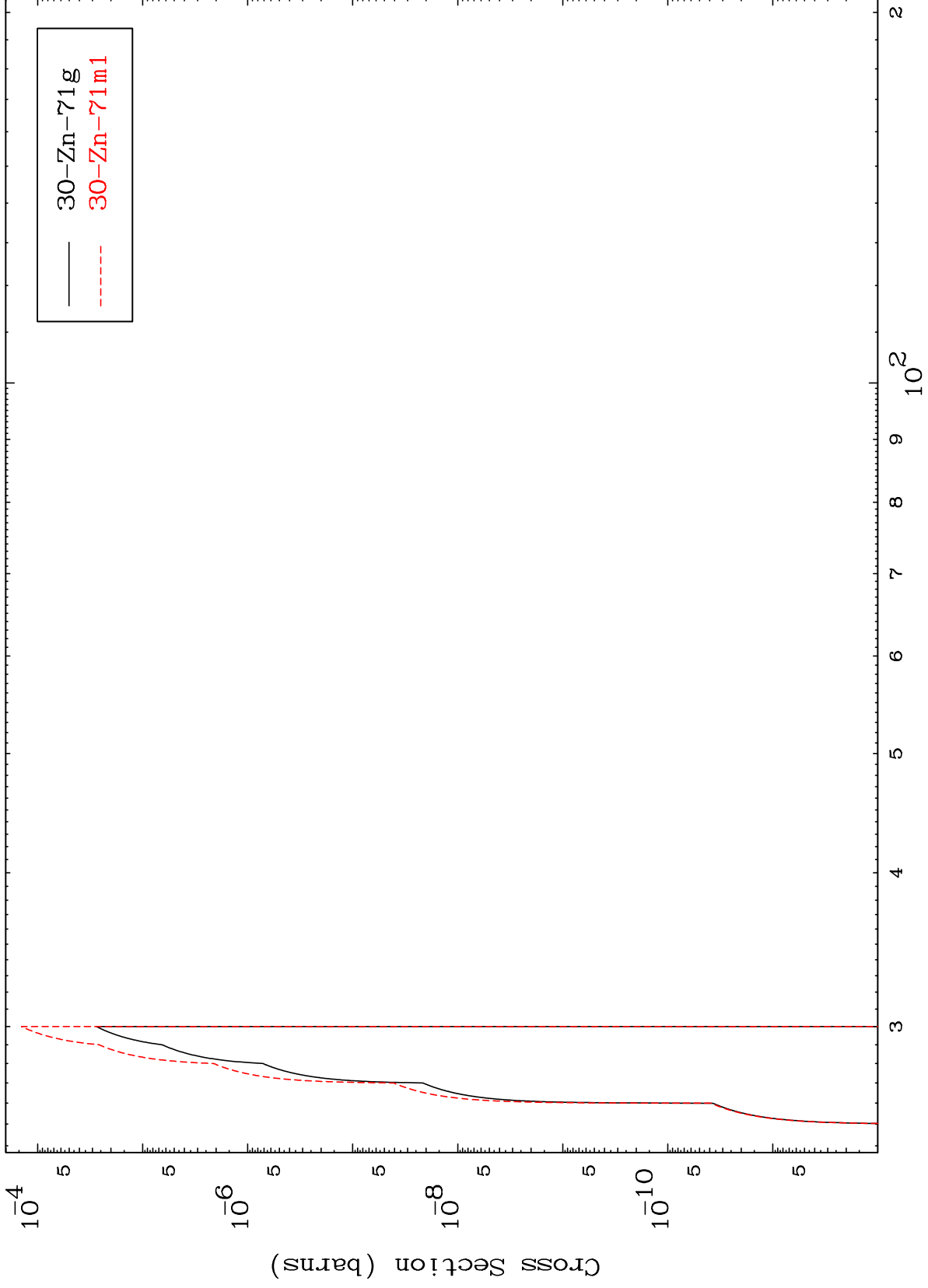
31-Ga-74m

MAT 3141

(n,3n) p

31-Ga-74m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

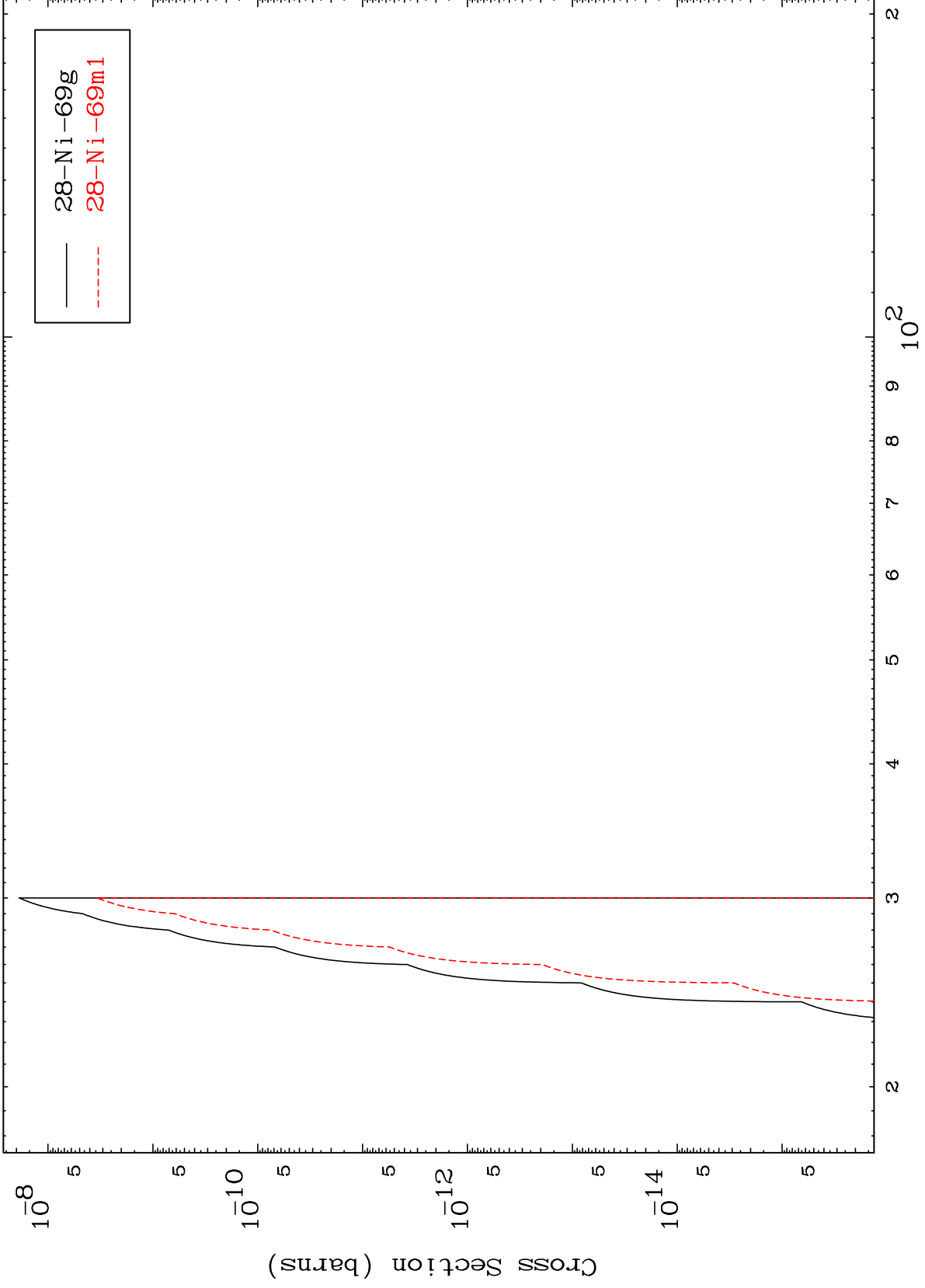
31-Ga-74m

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(n,n') p α

31-Ga-74m

Radionuclide Production Cross Section



26

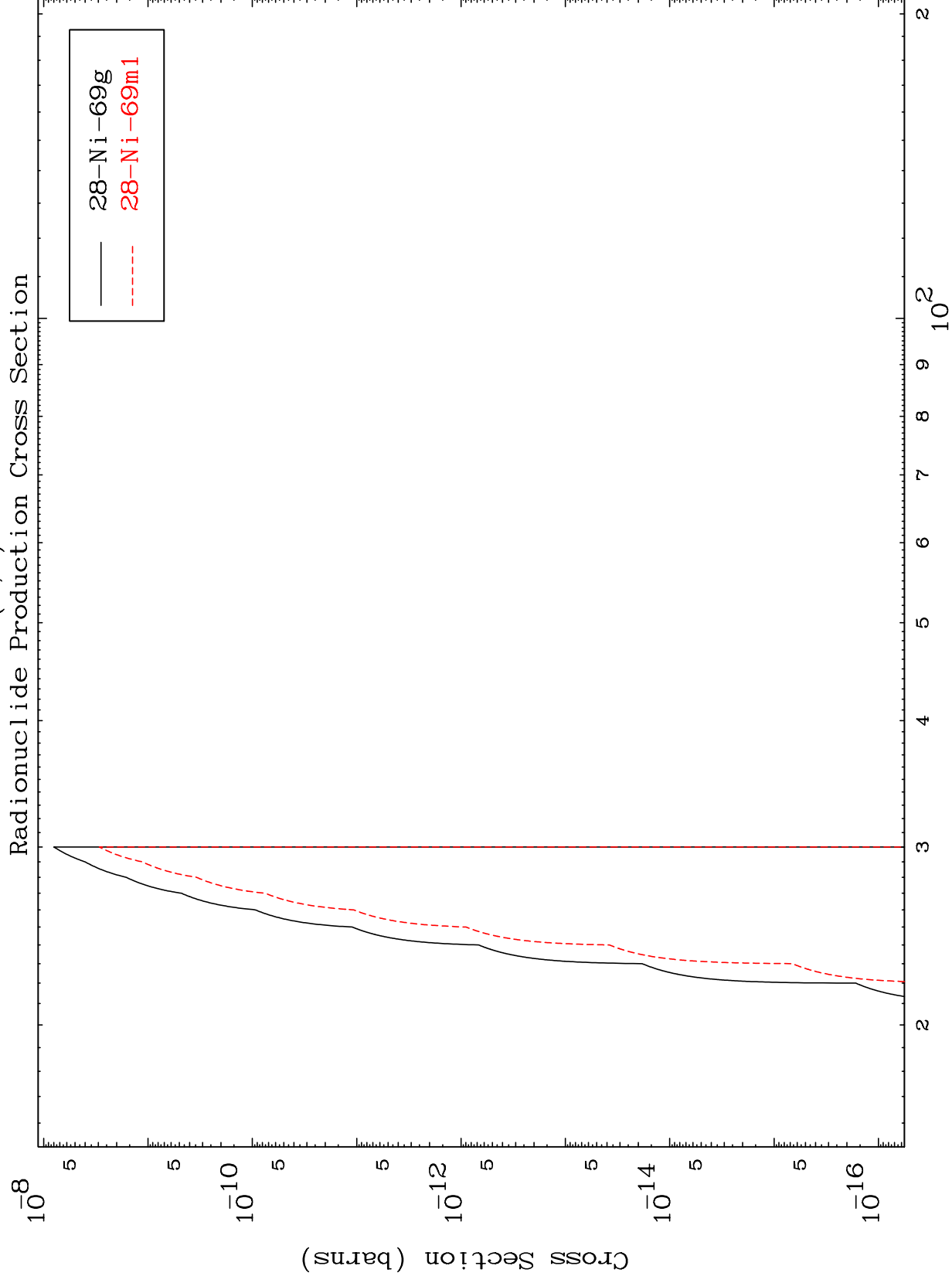
Incident Energy (MeV)

31-Ga-74m

MAT 3141

(n,d) α

31-Ga-74m



27

31-Ga-74m