

Program EVALPLOT
(Version 2021-1)

by

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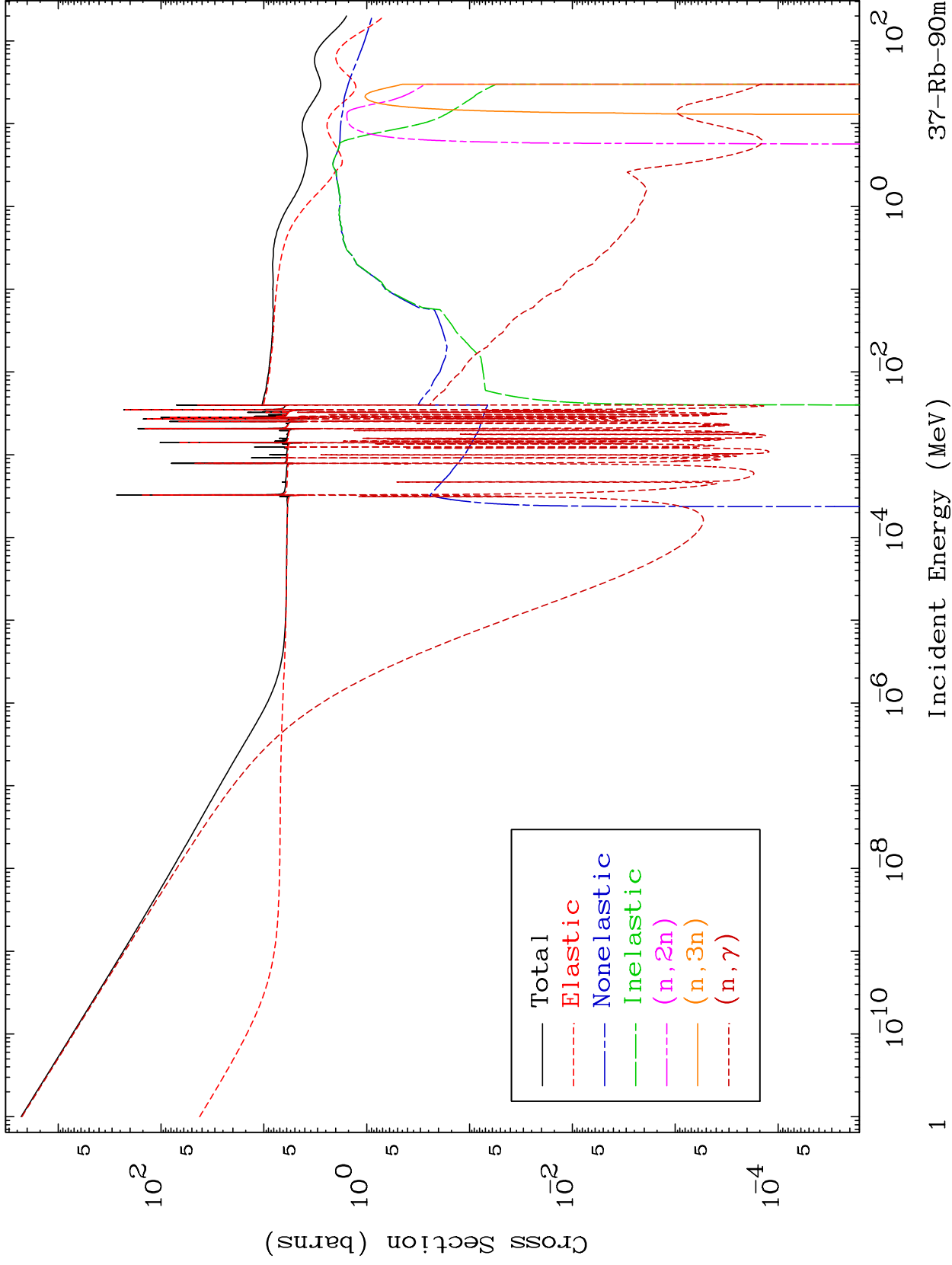
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3741

Neutron Major
293 Kelvin Cross Sections

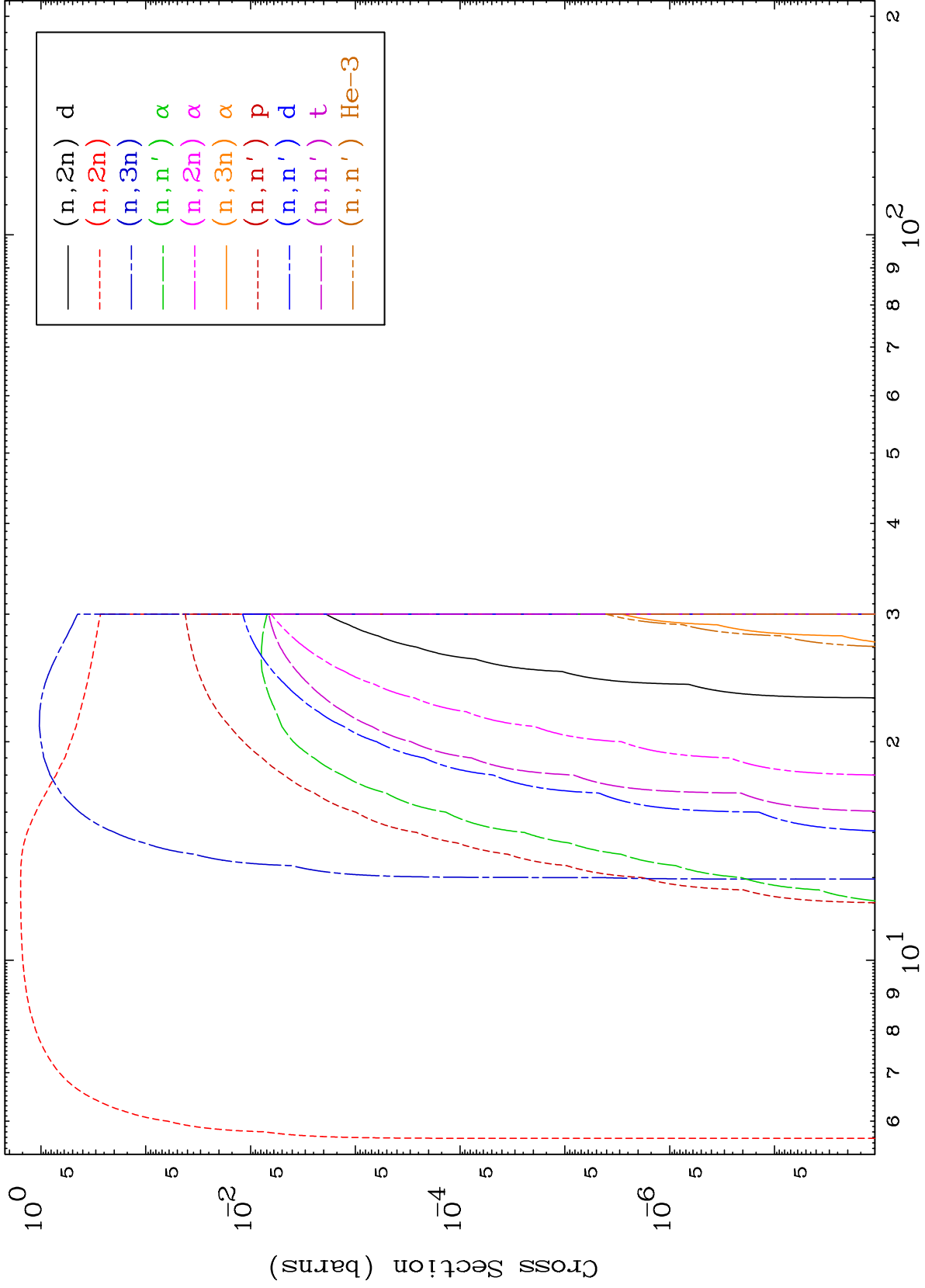
37-Rb-90m



MAT 3741

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-90m



2

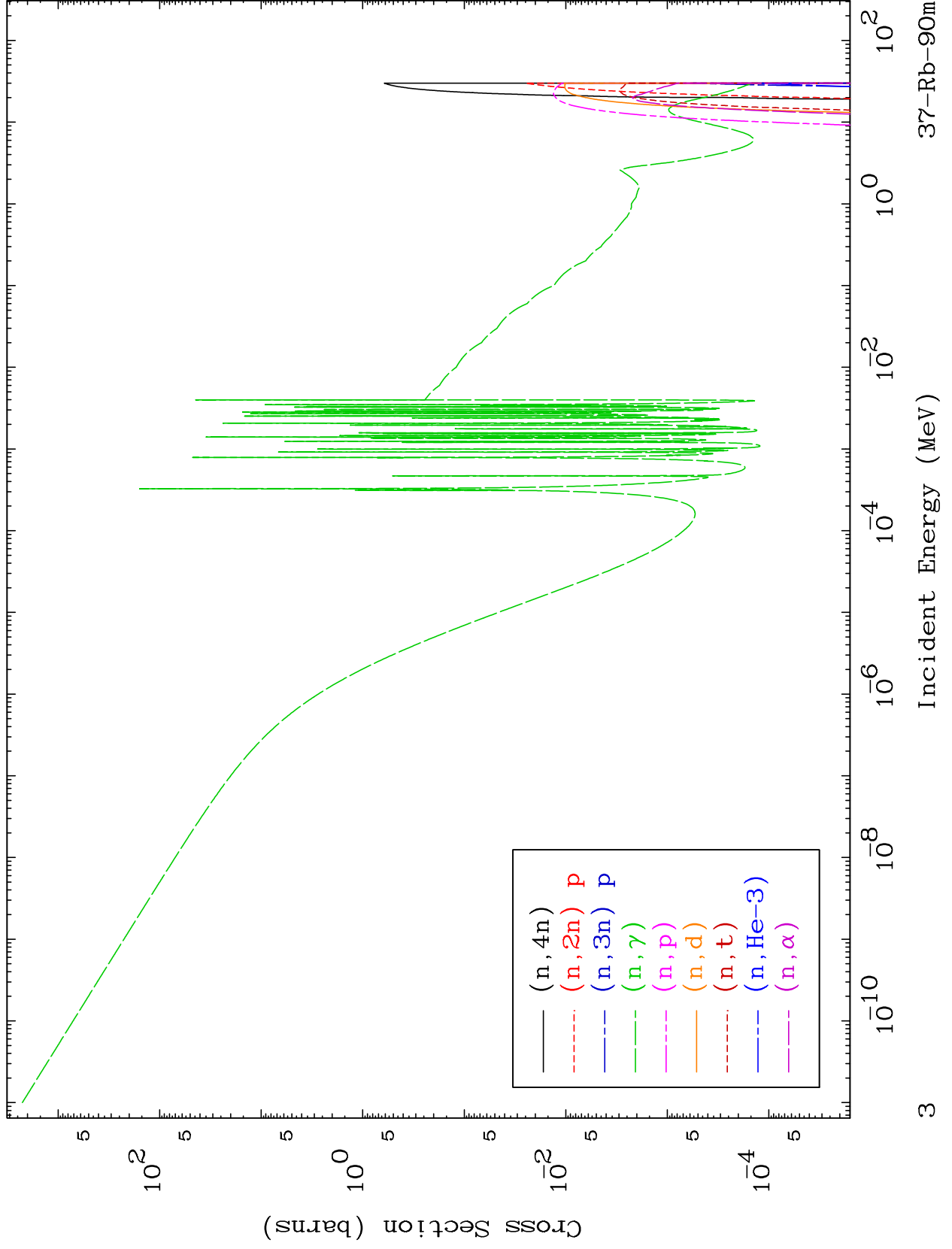
Incident Energy (MeV)

37-Rb-90m

MAT 3741

Neutron Absorption
293 Kelvin Cross Sections

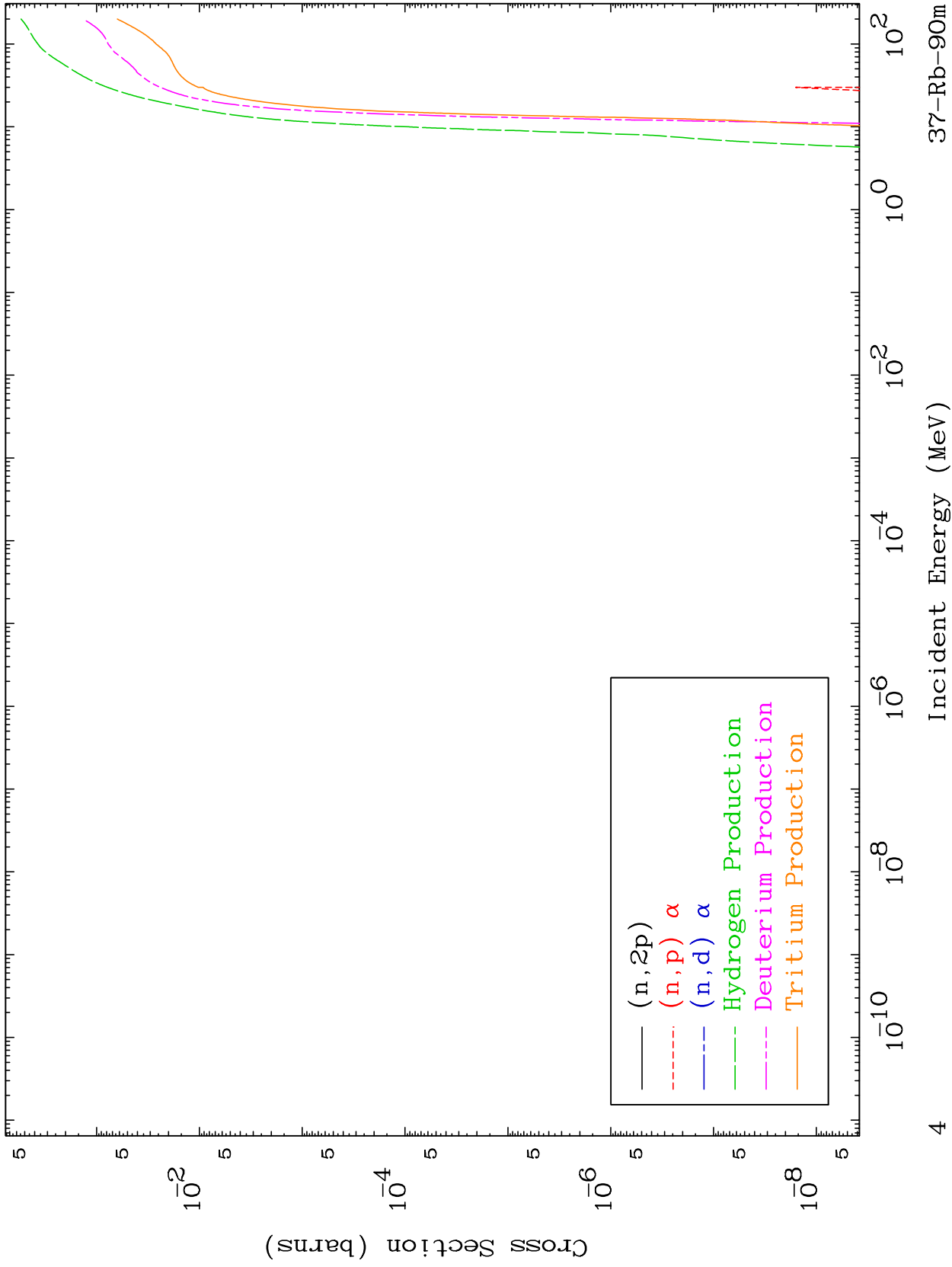
³⁷Rb-90m



MAT 3741

Neutron Absorption
293 Kelvin Cross Sections

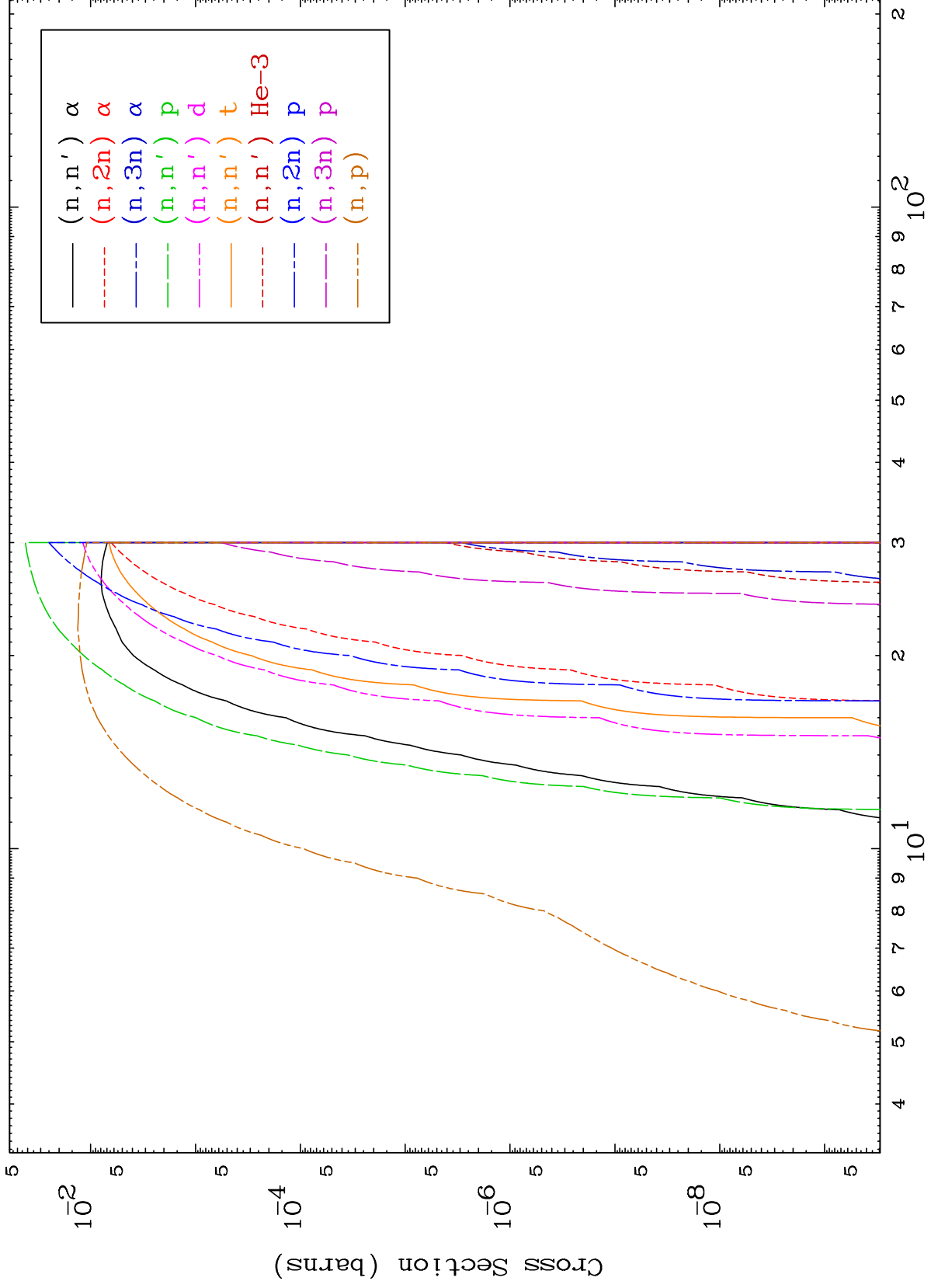
37-Rb-90m



MAT 3741

Charged Particle
293 Kelvin Cross Sections

37-Rb-90m



5

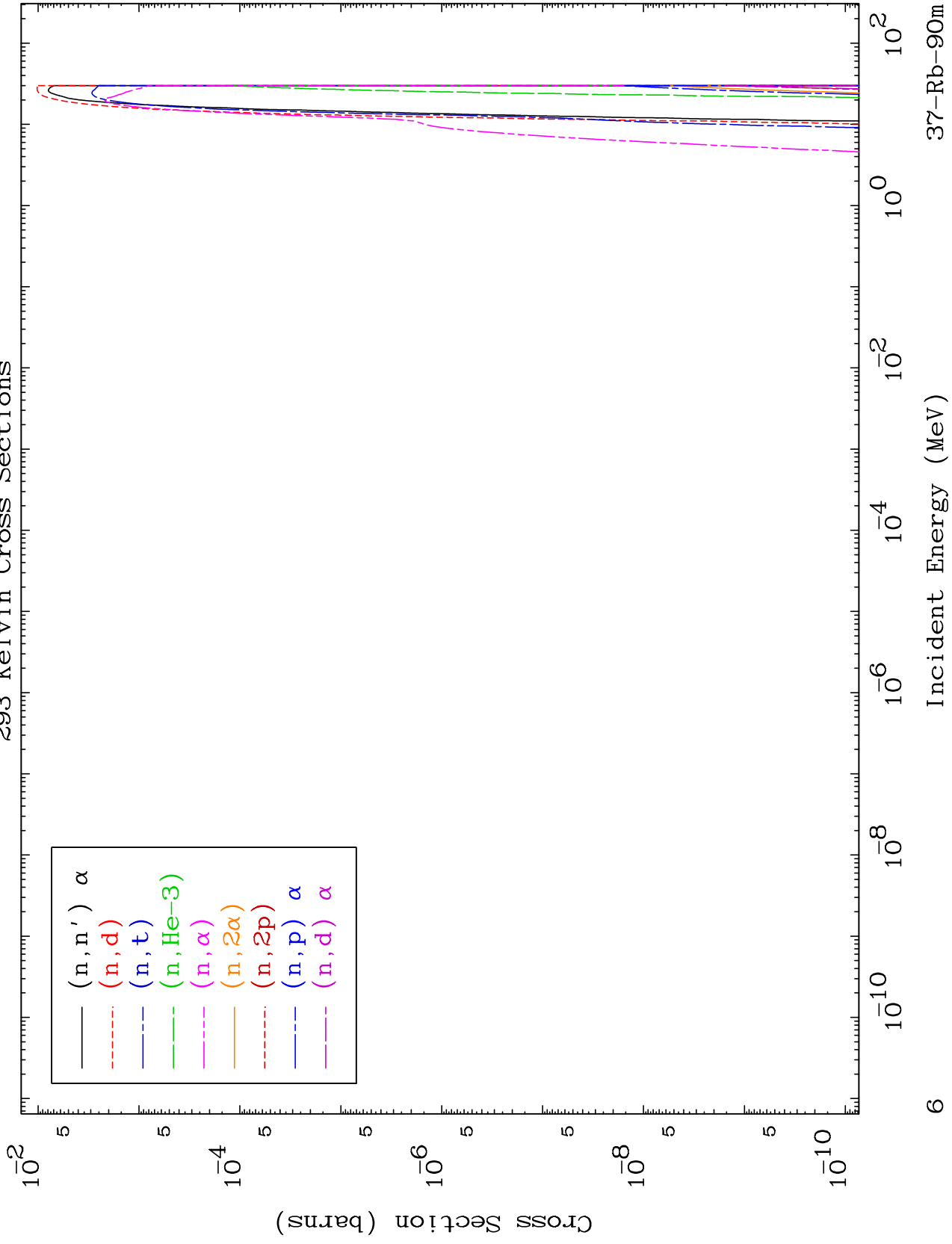
Incident Energy (MeV)

37-Rb-90m

MAT 3741

Charged Particle
293 Kelvin Cross Sections

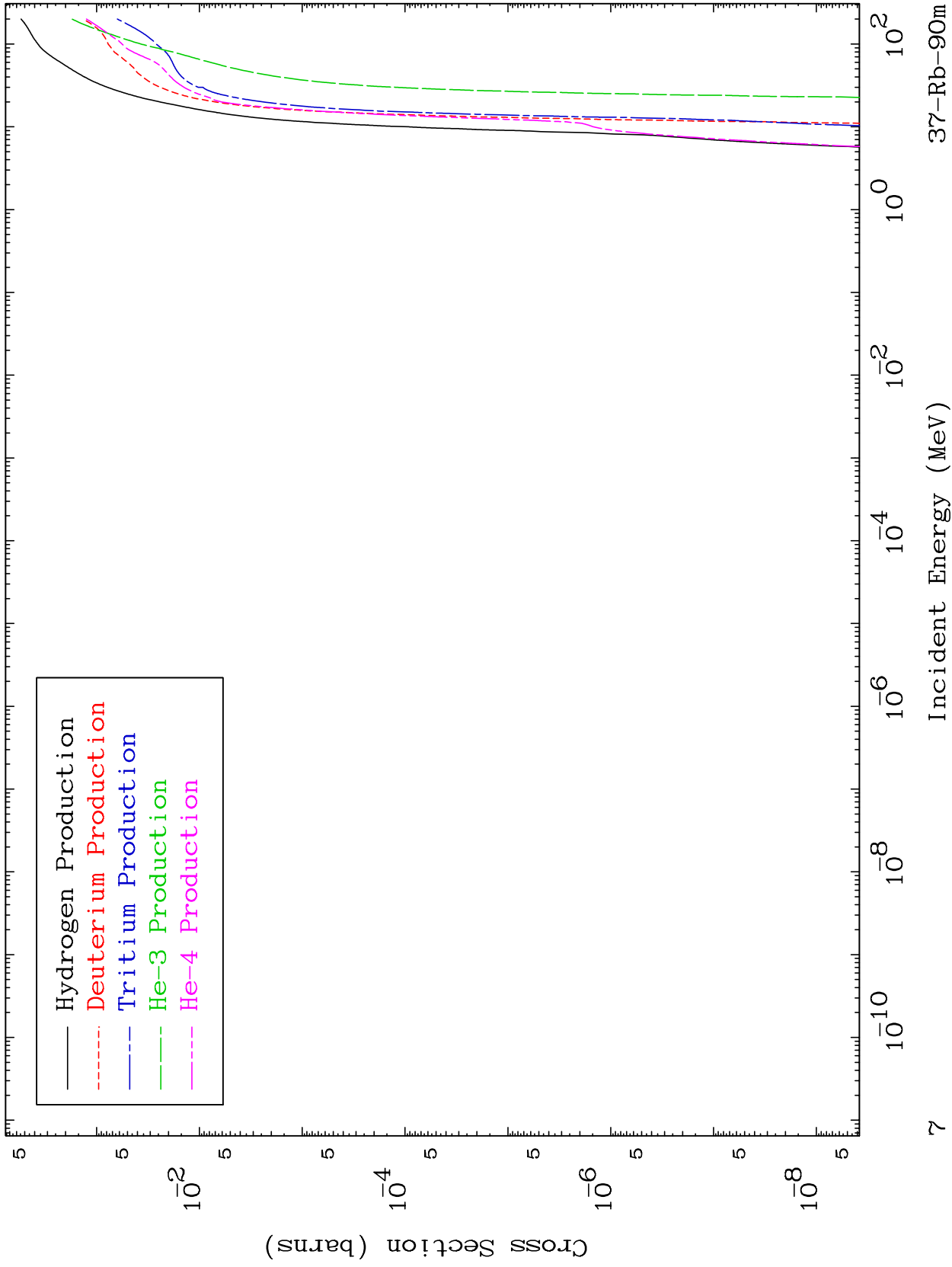
37-Rb-90m



MAT 3741

Particle Production
293 Kelvin Cross Sections

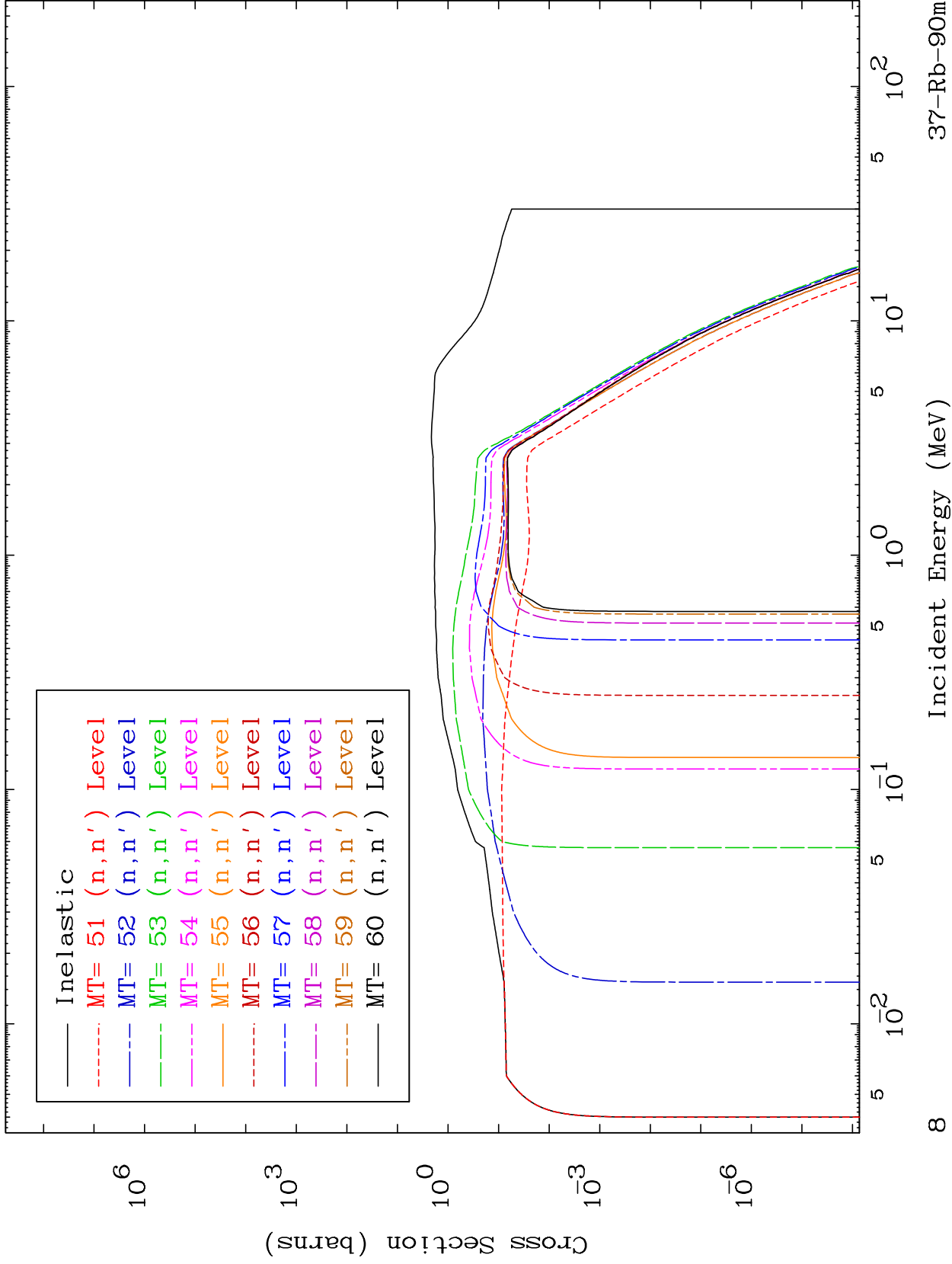
37-Rb-90m



MAT 3741

(n,n') Levels
293 Kelvin Cross Sections

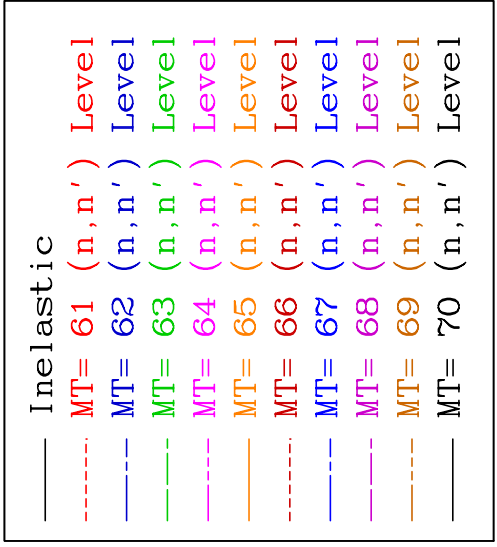
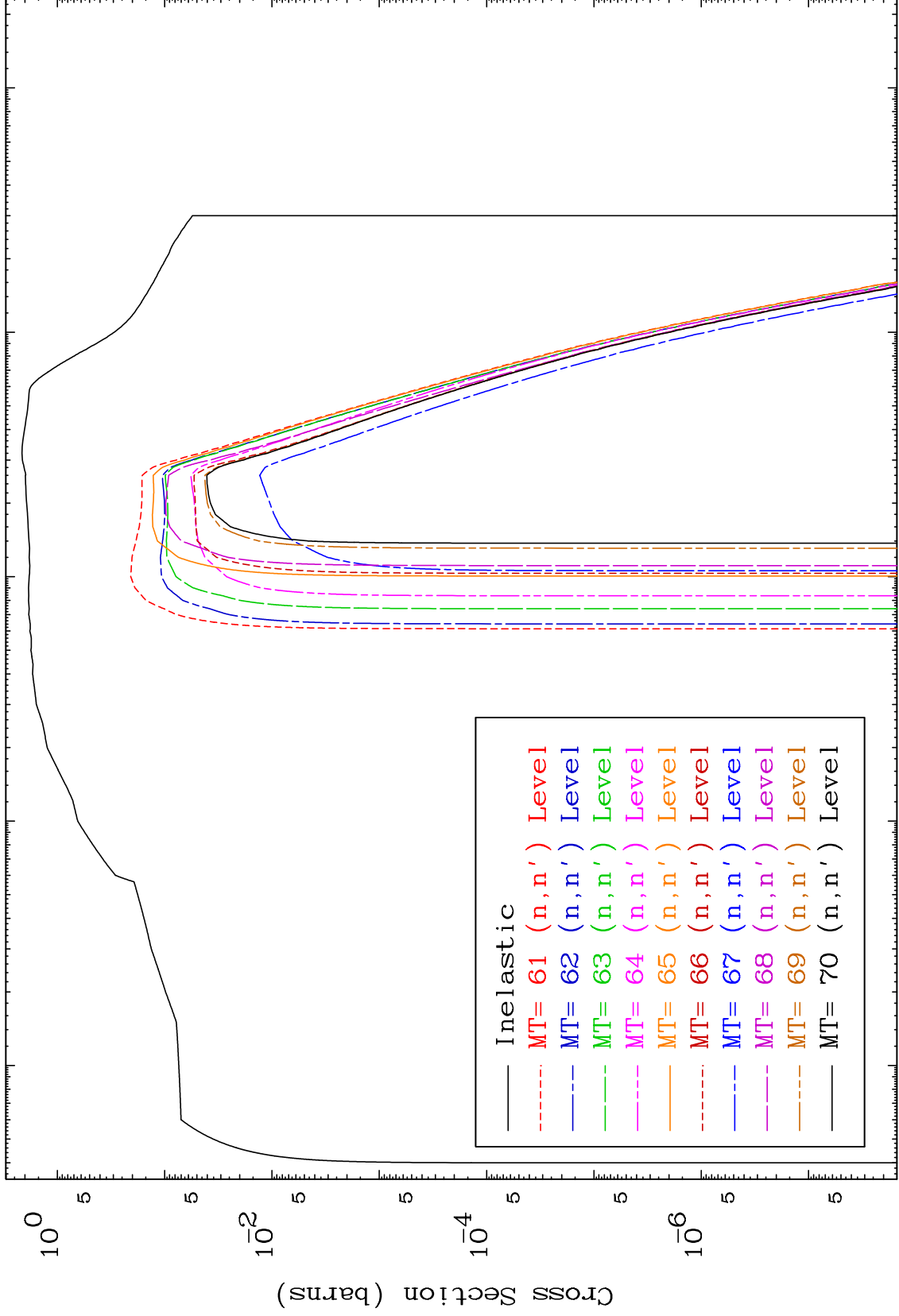
37-Rb-90m



MAT 3741

(n,n') Levels
293 Kelvin Cross Sections

37-Rb-90m



Incident Energy (MeV)

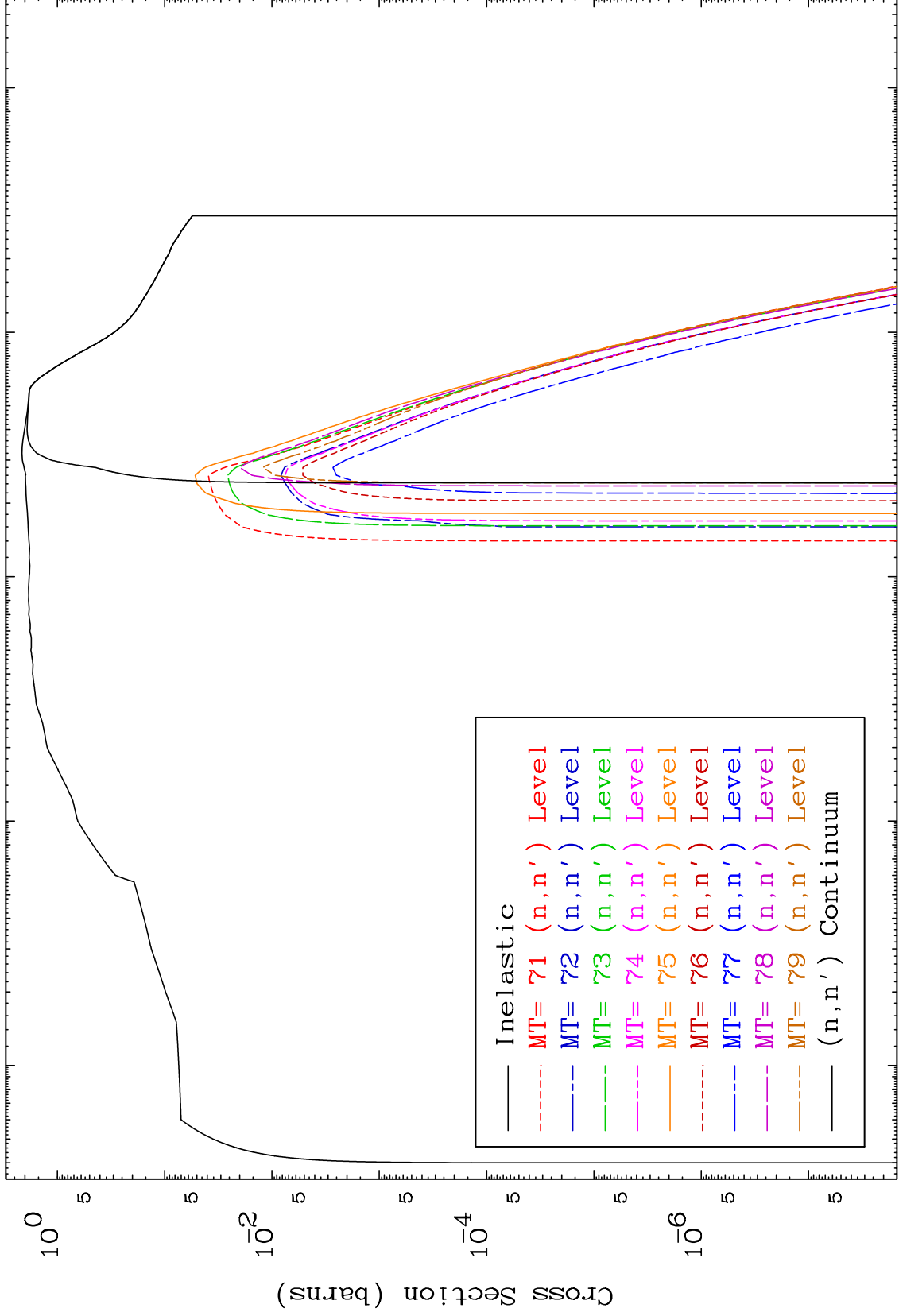
37-Rb-90m

9

MAT 3741

293 (n,n') Levels

37-Rb-90m



10

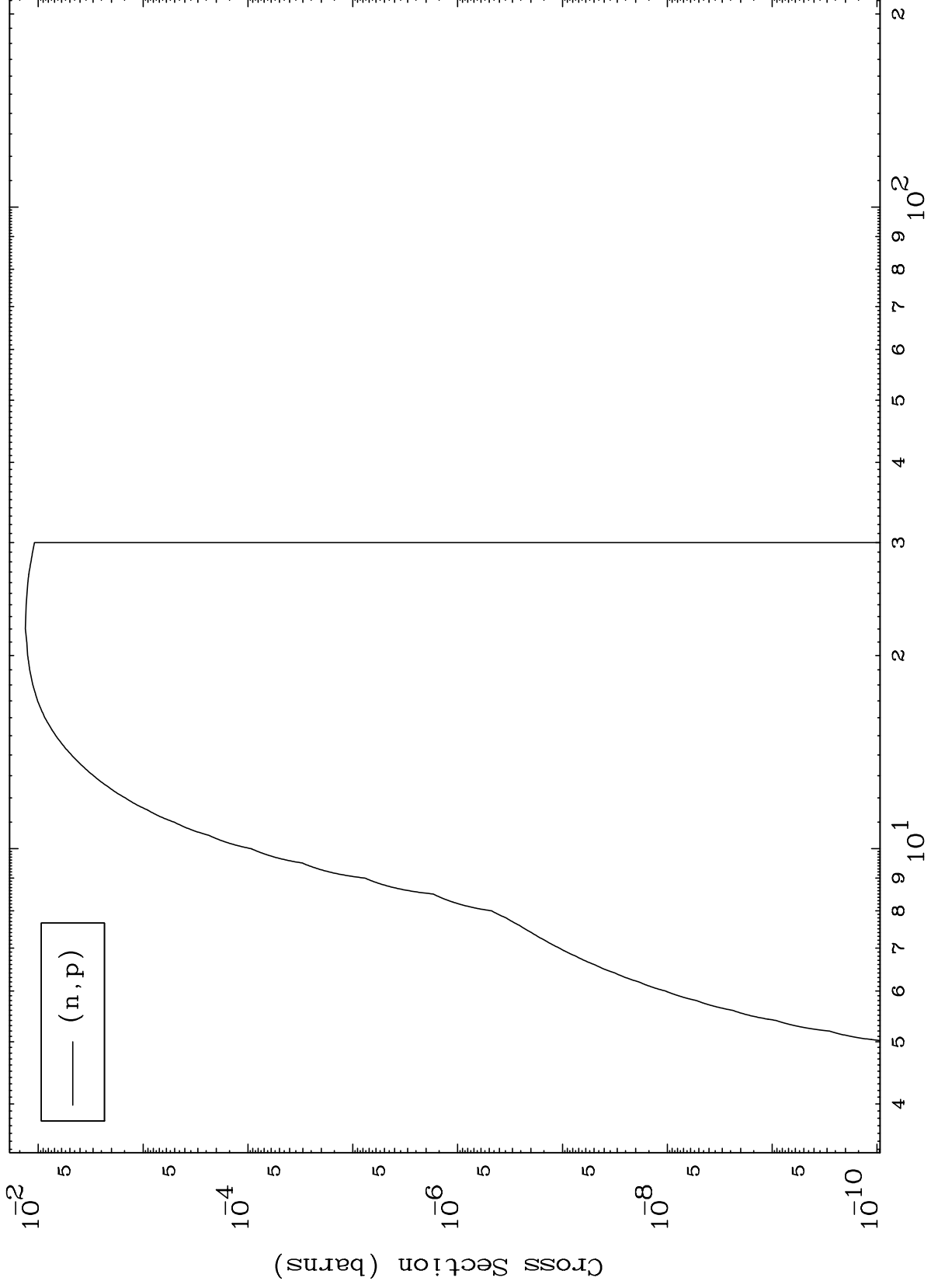
Incident Energy (MeV)

37-Rb-90m

MAT 3741

(n,p) Levels
293 Kelvin Cross Sections

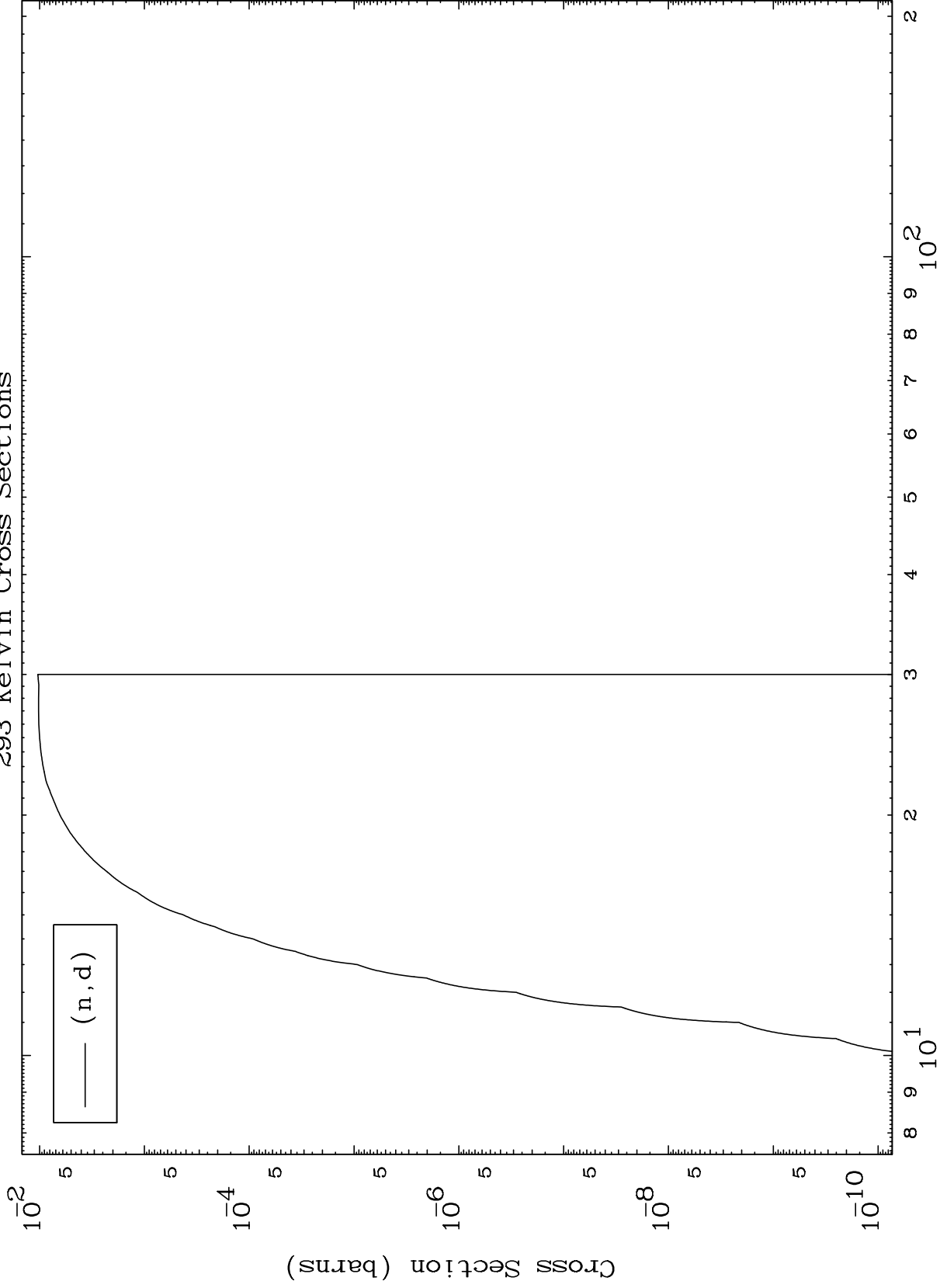
37-Rb-90m



MAT 3741

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-90m



12

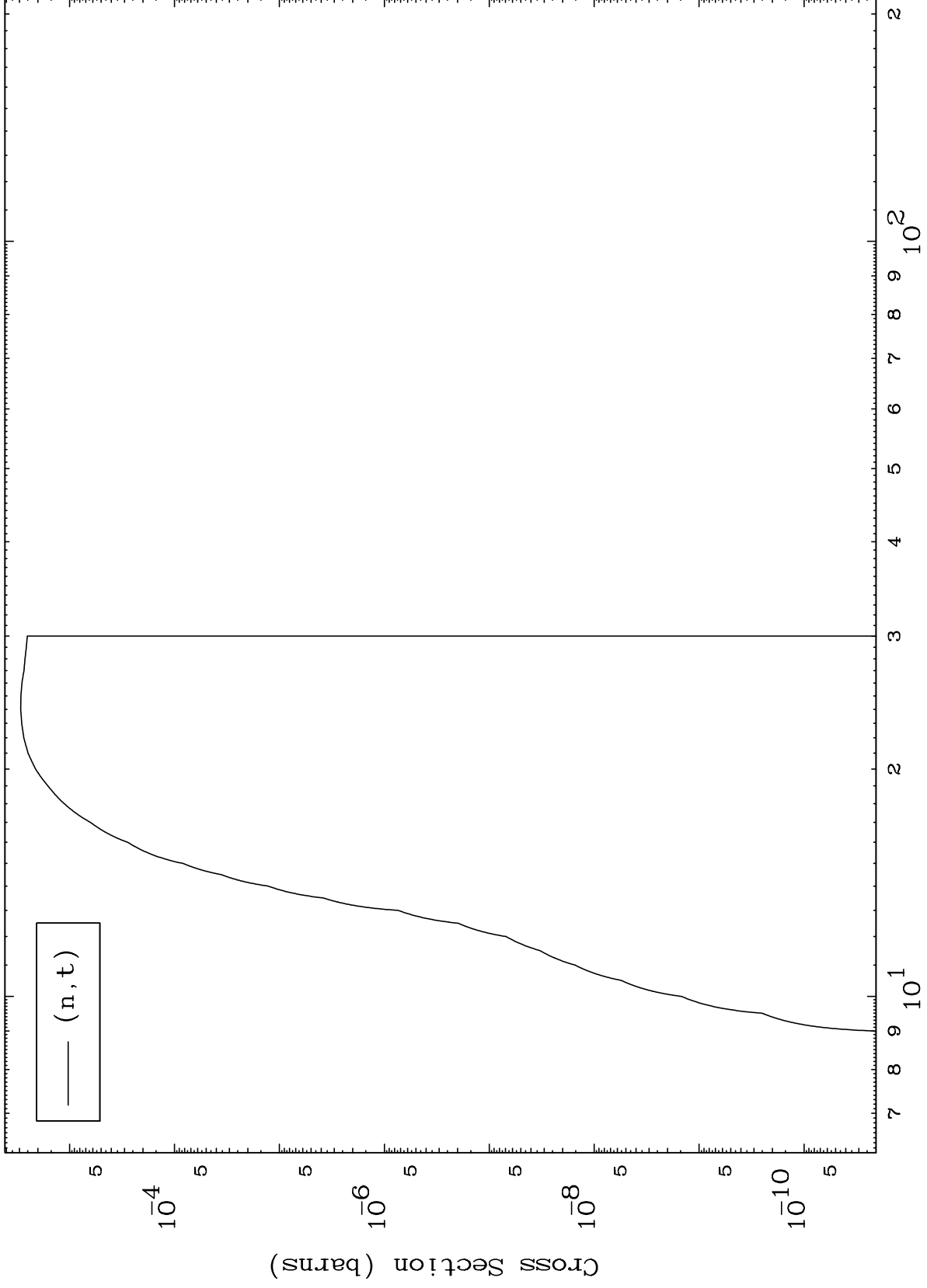
Incident Energy (MeV)

37-Rb-90m

MAT 3741

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-90m



13

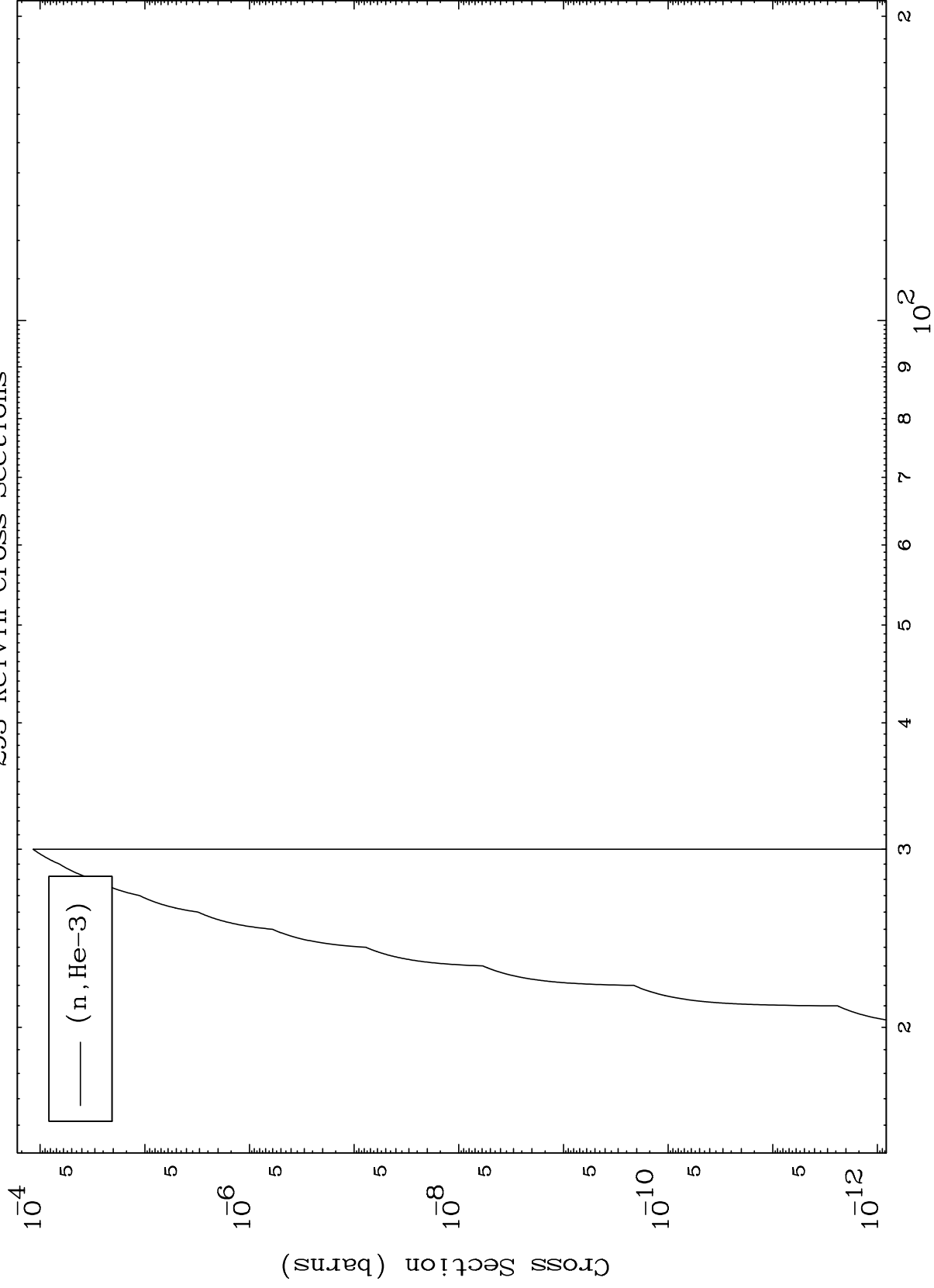
Incident Energy (MeV)

37-Rb-90m

MAT 3741

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-90m



14

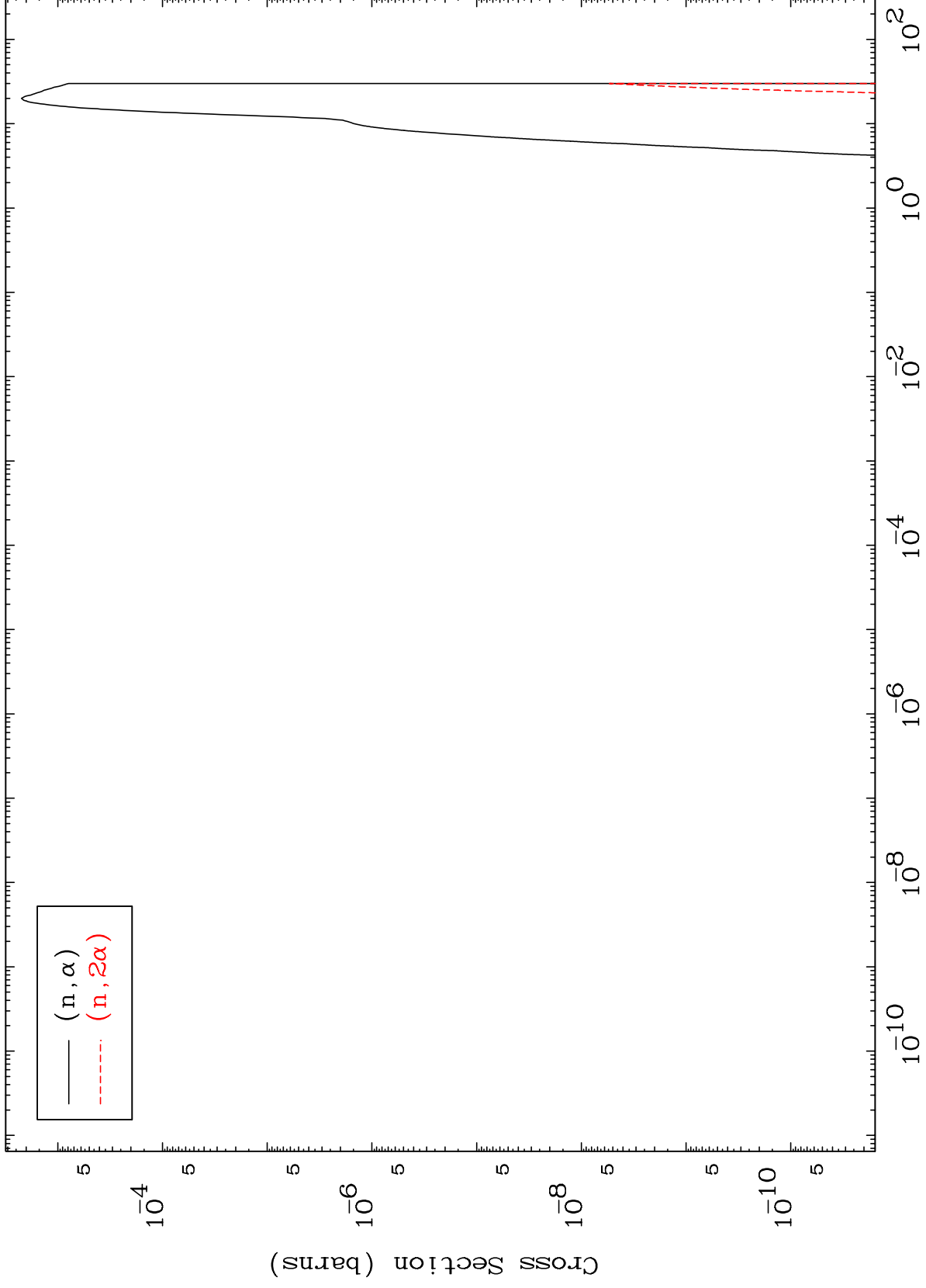
Incident Energy (MeV)

37-Rb-90m

MAT 3741

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-90m



15

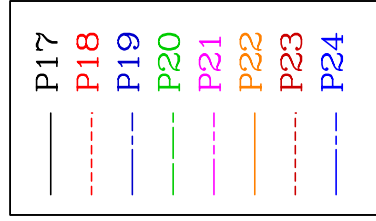
Incident Energy (MeV)

37-Rb-90m

MAT 3741

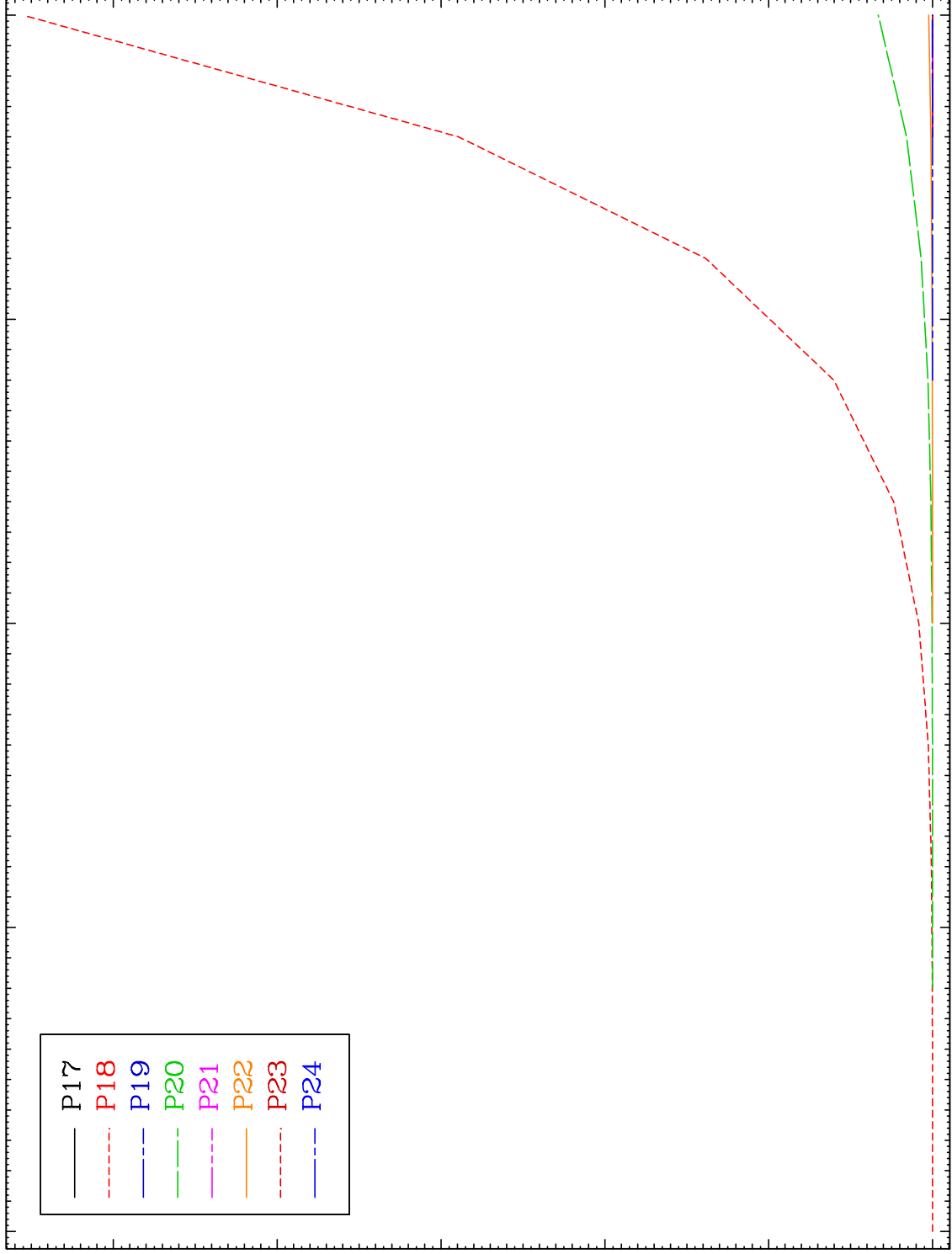
Elastic Legendre Coefficients

37-Rb-90m



$\times 10^{-6}$

Legendre (CM)



18

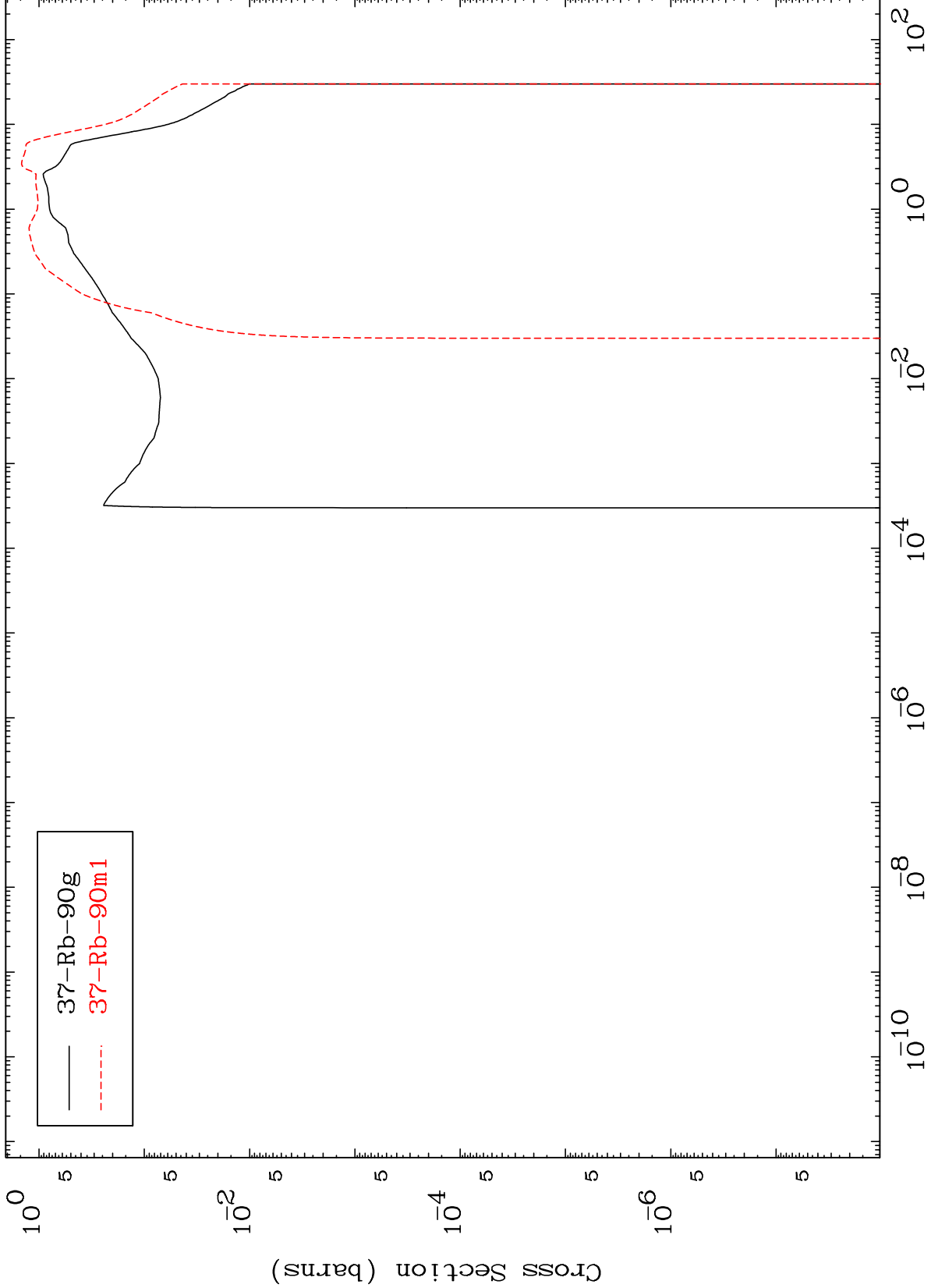
Incident Energy (MeV)

37-Rb-90m

MAT 3741

Inelastic
Radionuclide Production Cross Section

³⁷Rb-90m



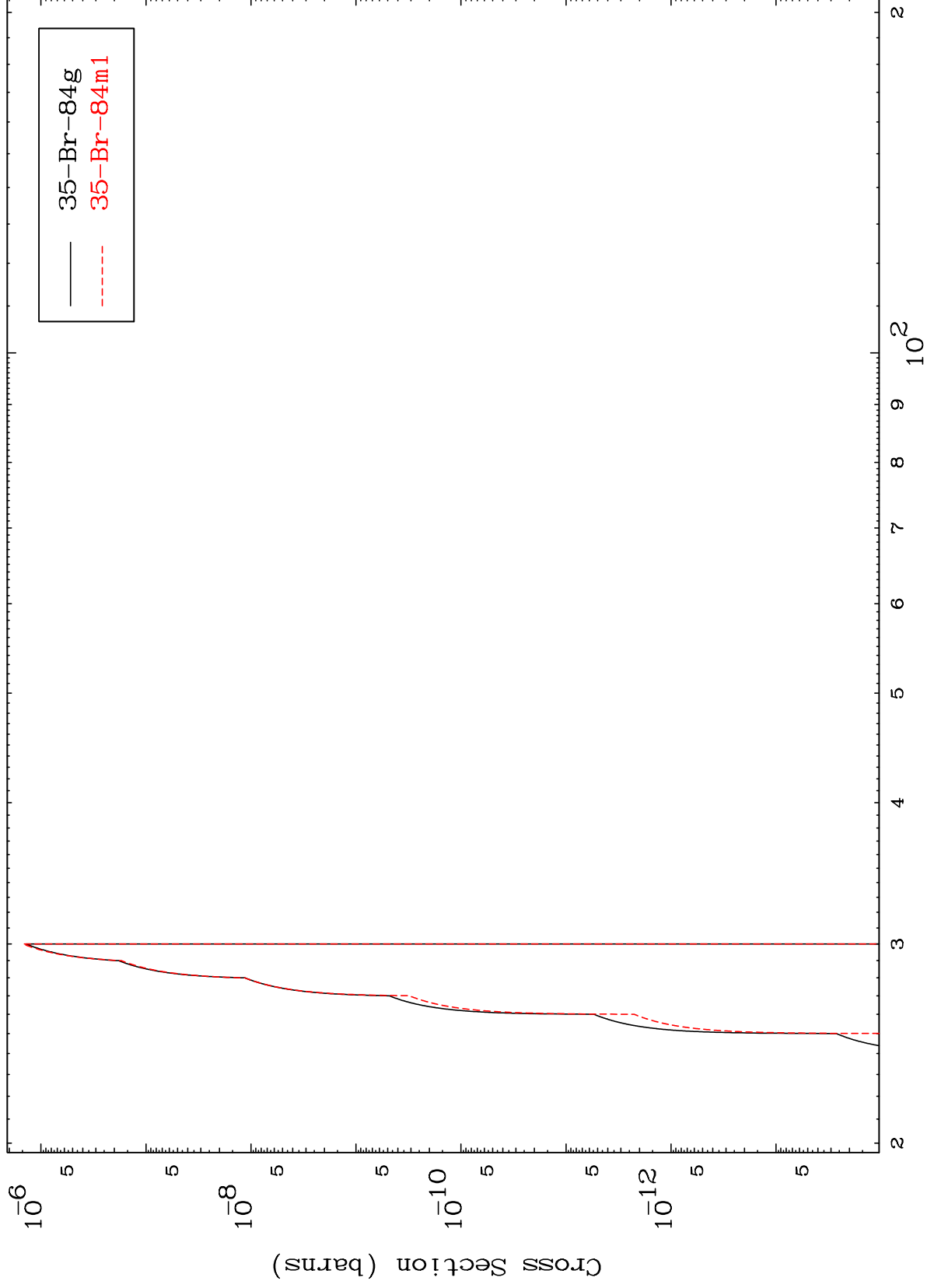
— 37-Rb-90g
- - - 37-Rb-90m1

MAT 3741

(n,3n) α

37-Rb-90m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

37-Rb-90m