

Program EVALPLOT
(Version 2021-1)

by

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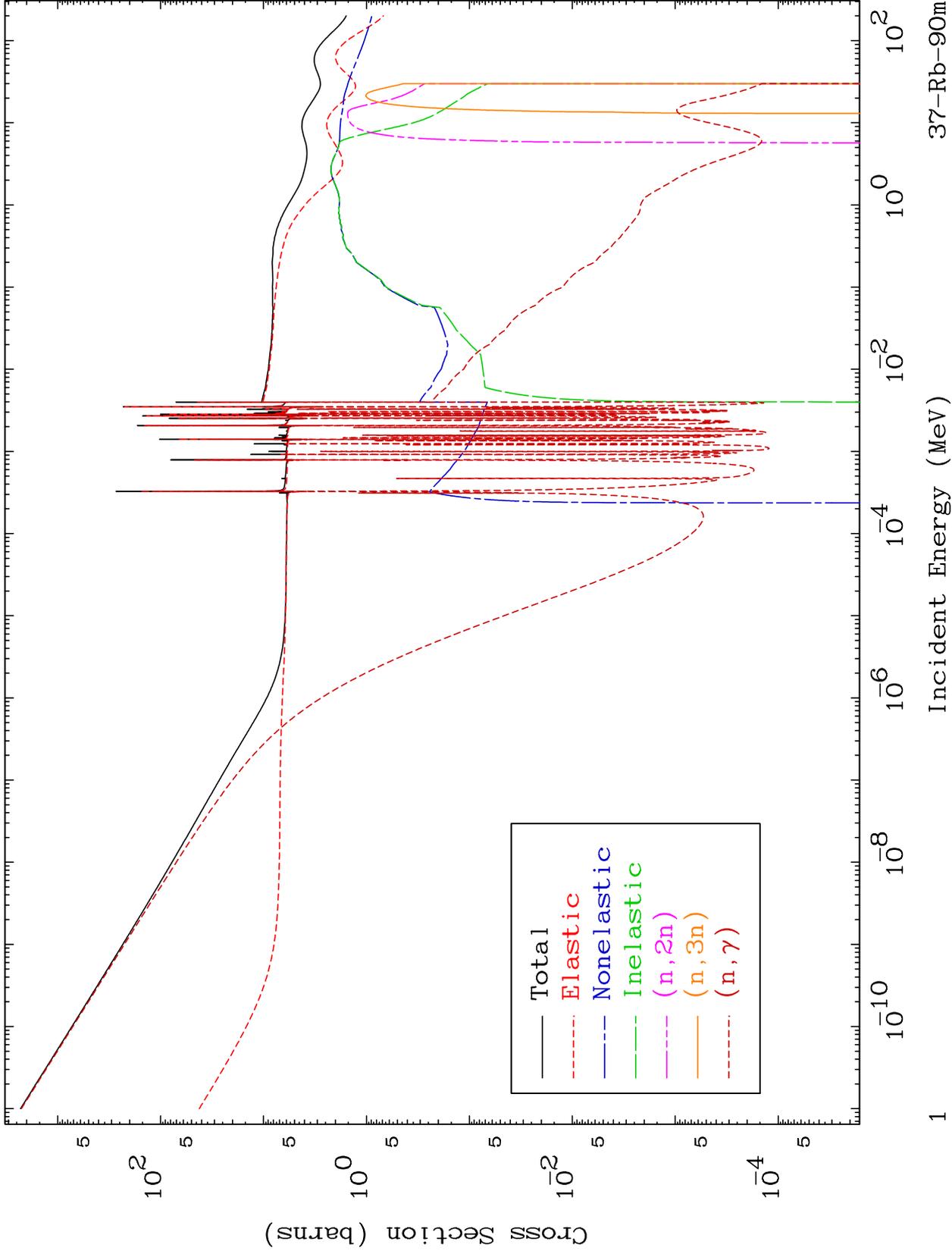
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Press Mouse Button to Start

MAT 3741

Neutron Major
293 Kelvin Cross Sections

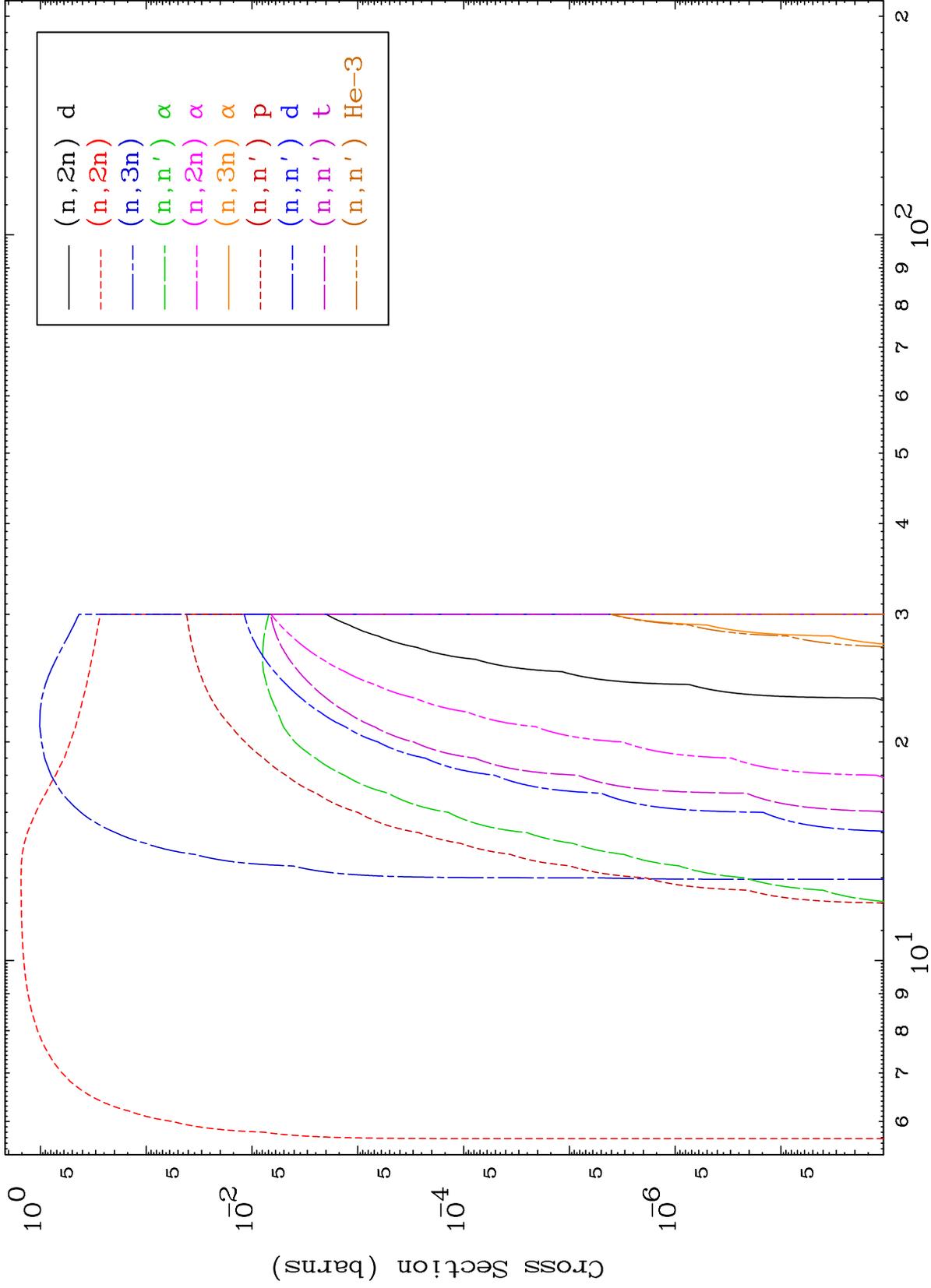
37-Rb-90m



MAT 3741

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-90m



2

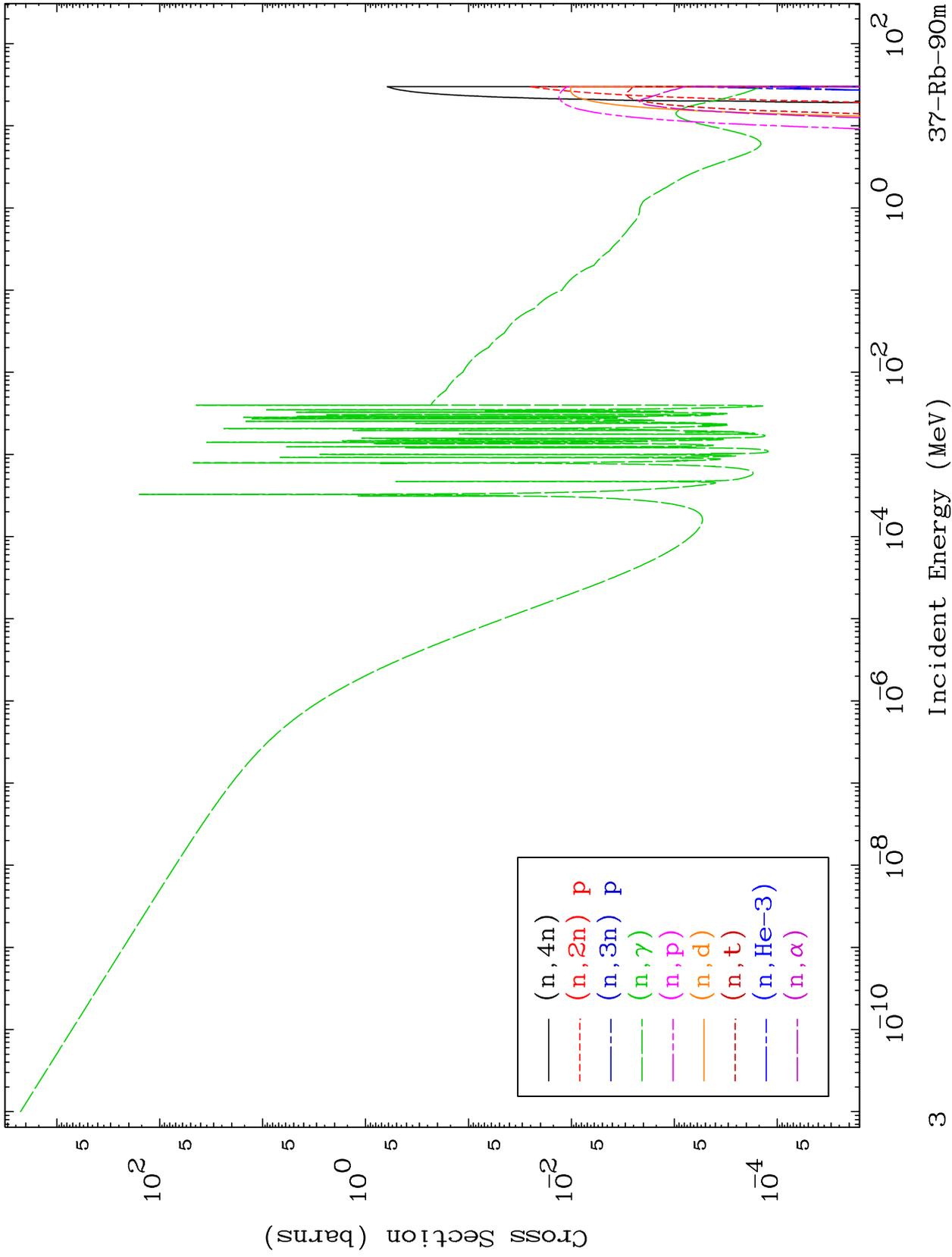
Incident Energy (MeV)

37-Rb-90m

MAT 3741

Neutron Absorption
293 Kelvin Cross Sections

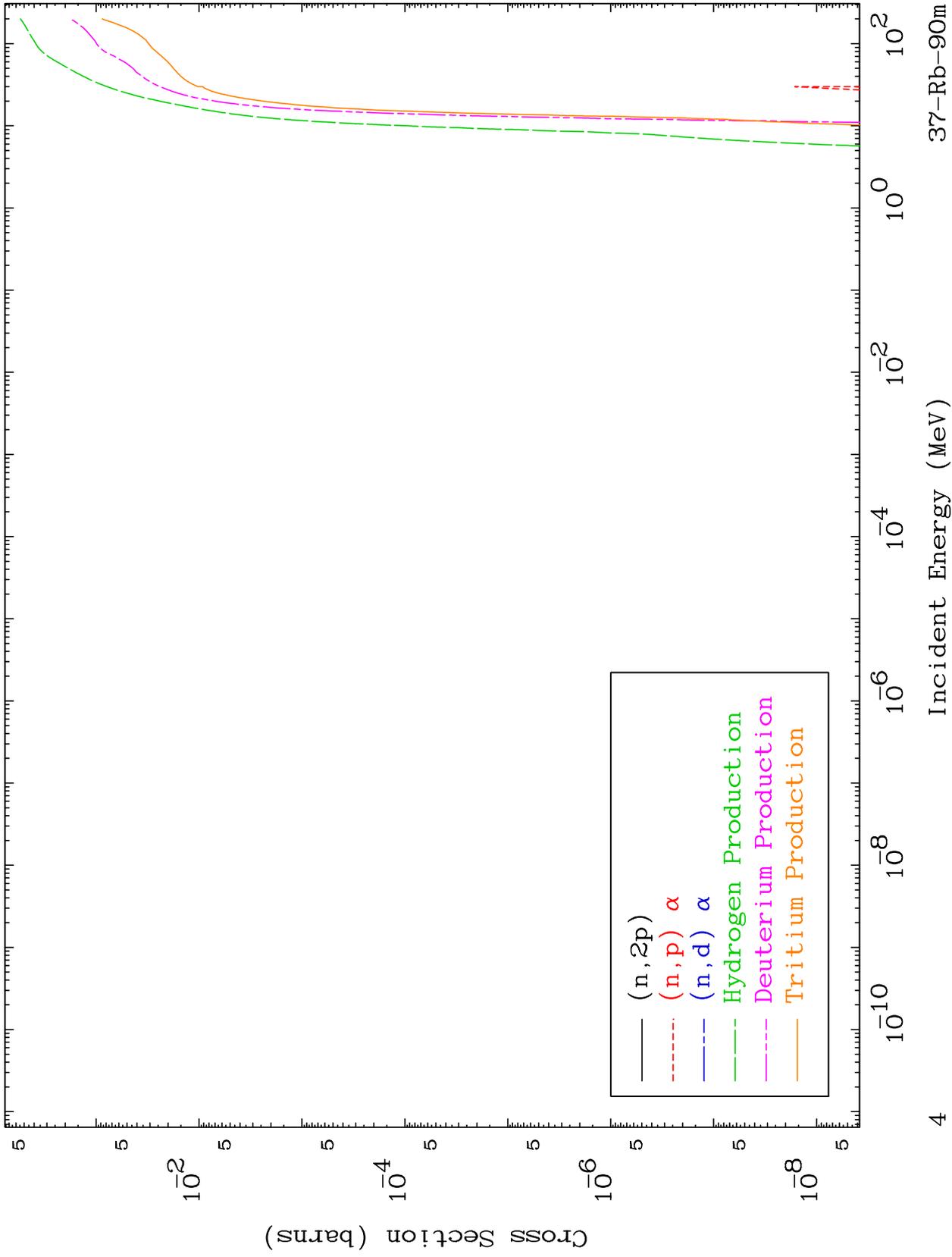
37-Rb-90m



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Neutron Absorption
293 Kelvin Cross Sections

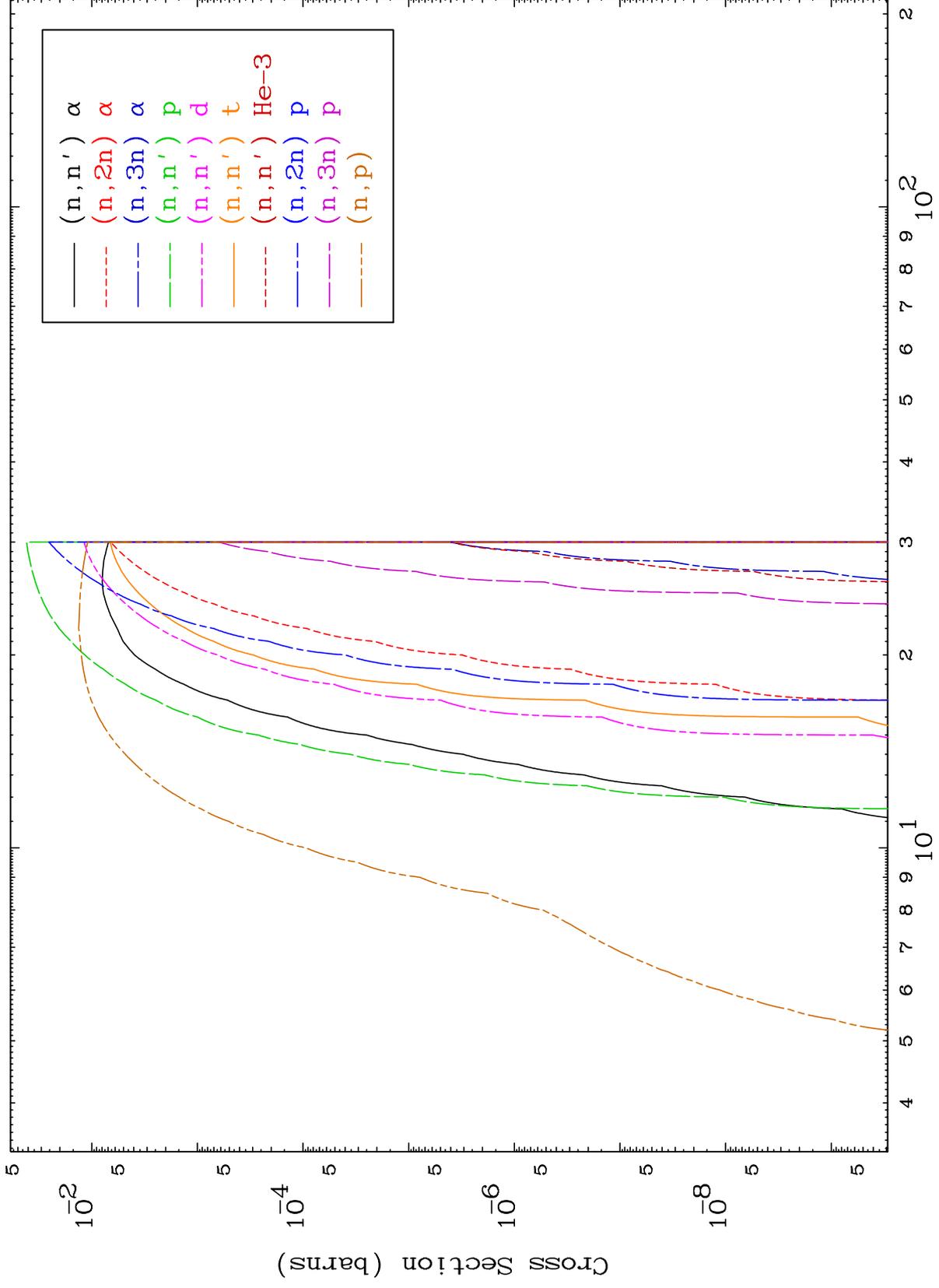
37-Rb-90m



MAT 3741

Charged Particle
293 Kelvin Cross Sections

37-Rb-90m



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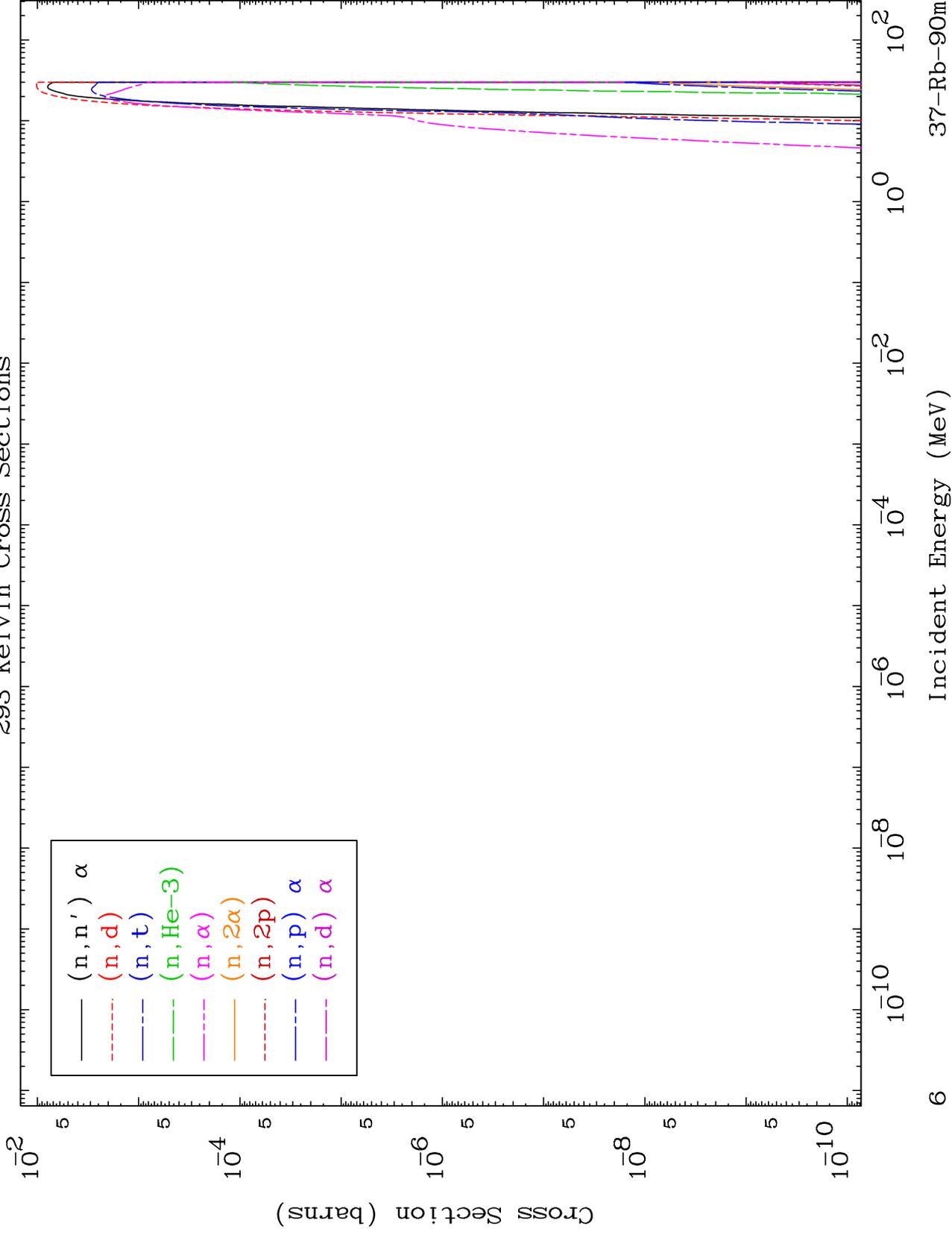
Incident Energy (MeV)

37-Rb-90m

MAT 3741

Charged Particle
293 Kelvin Cross Sections

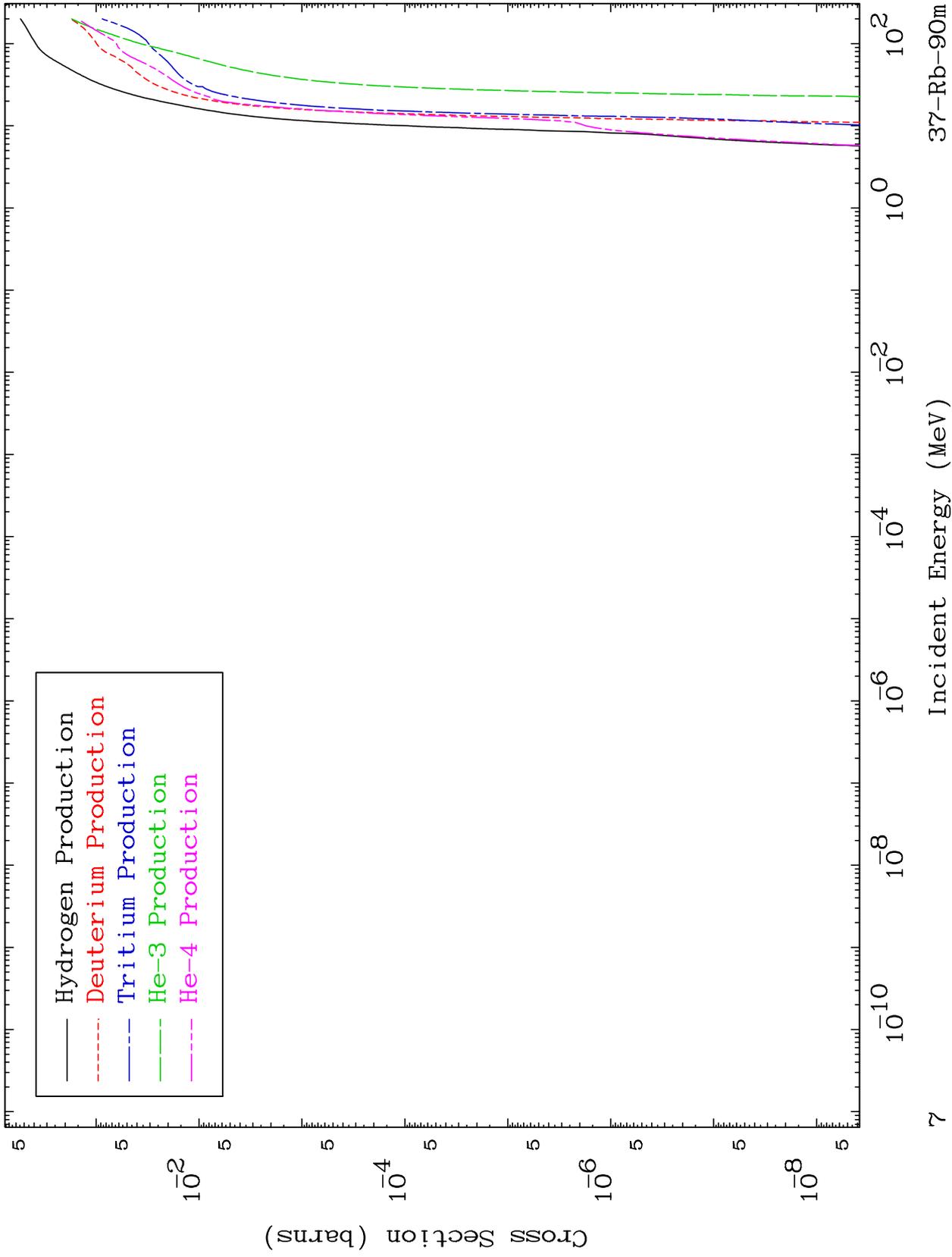
37-Rb-90m



MAT 3741

Particle Production
293 Kelvin Cross Sections

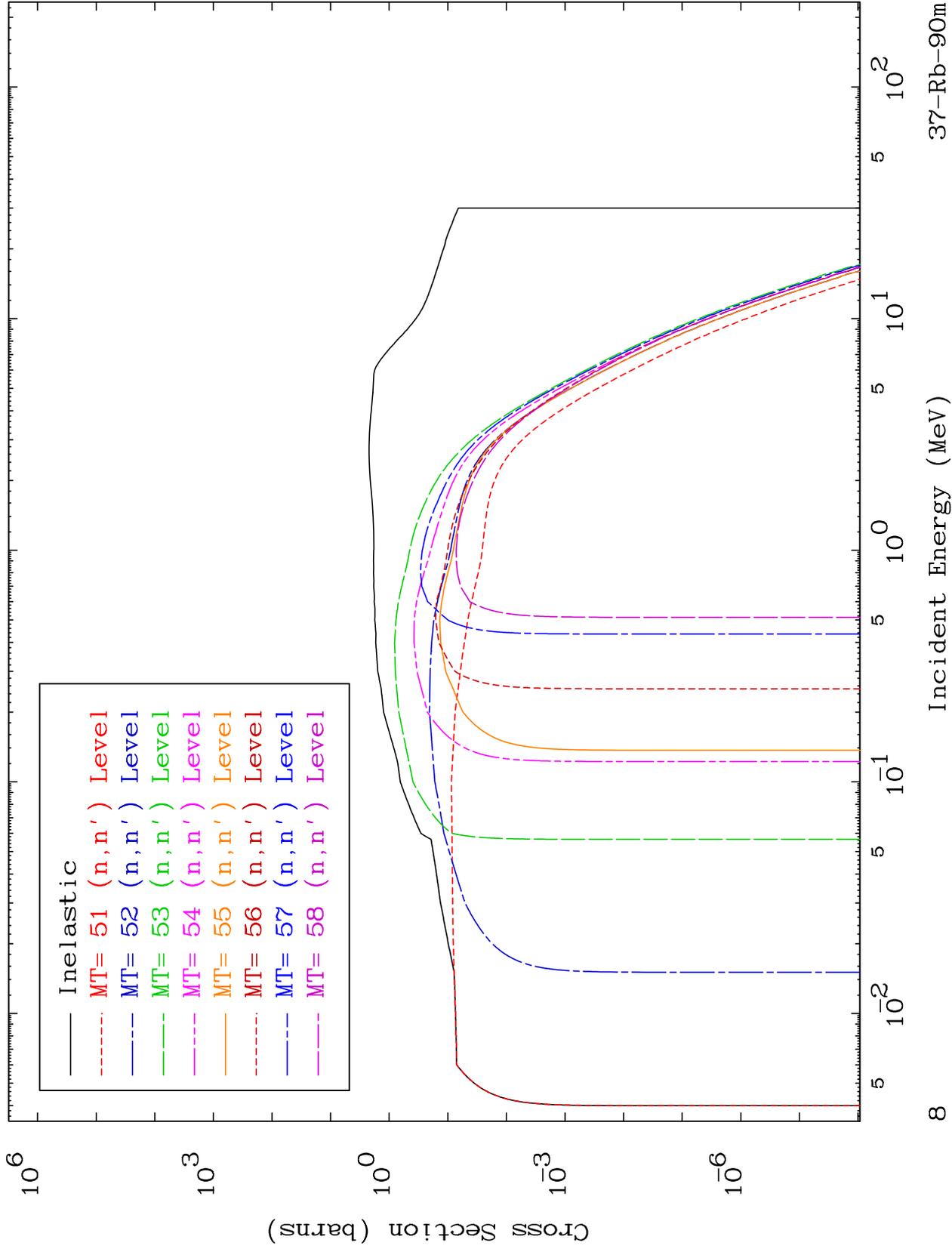
37-Rb-90m



MAT 3741

(n,n') Levels
293 Kelvin Cross Sections

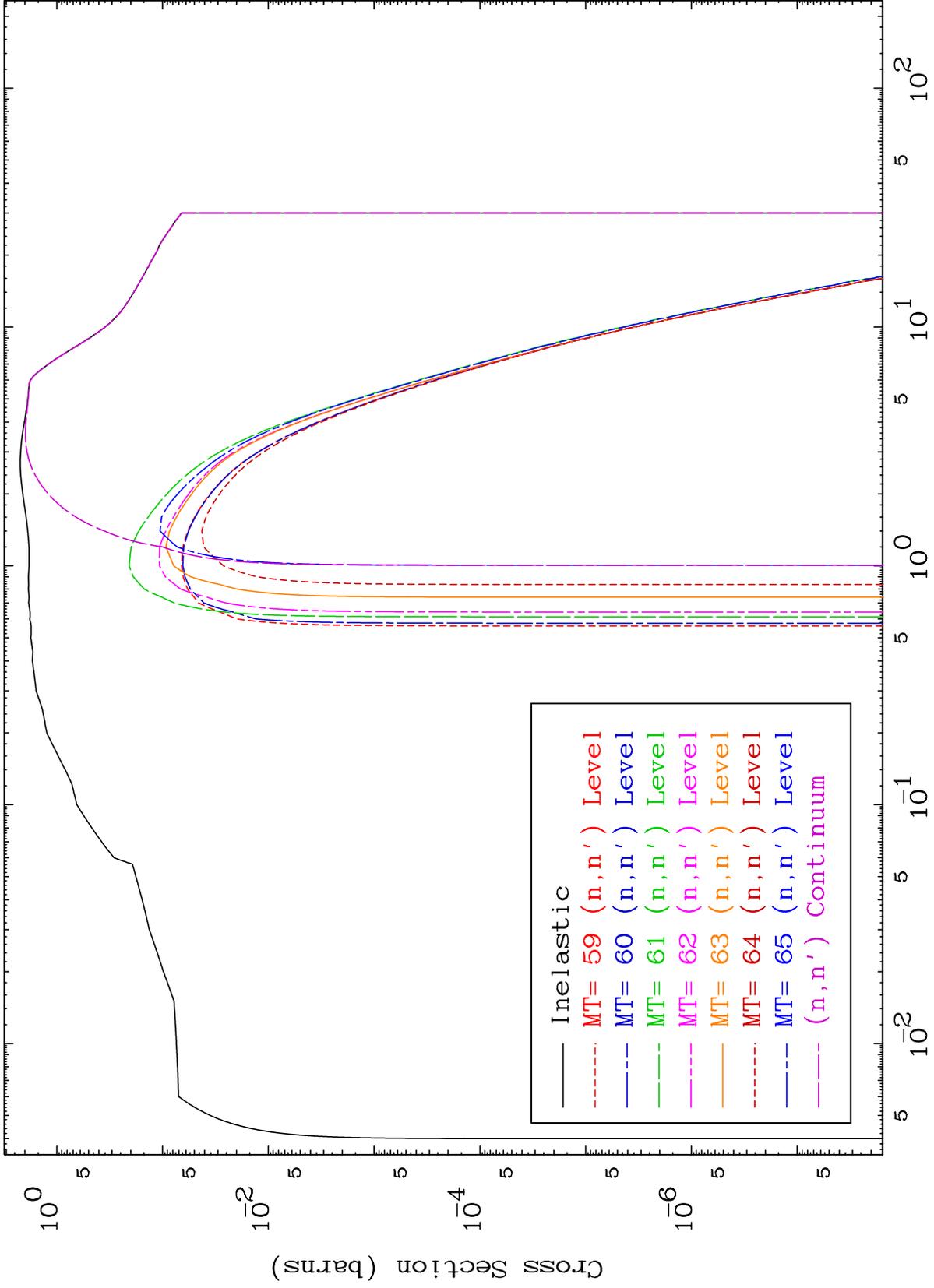
37-Rb-90m



MAT 3741

(n,n') Levels
293 Kelvin Cross Sections

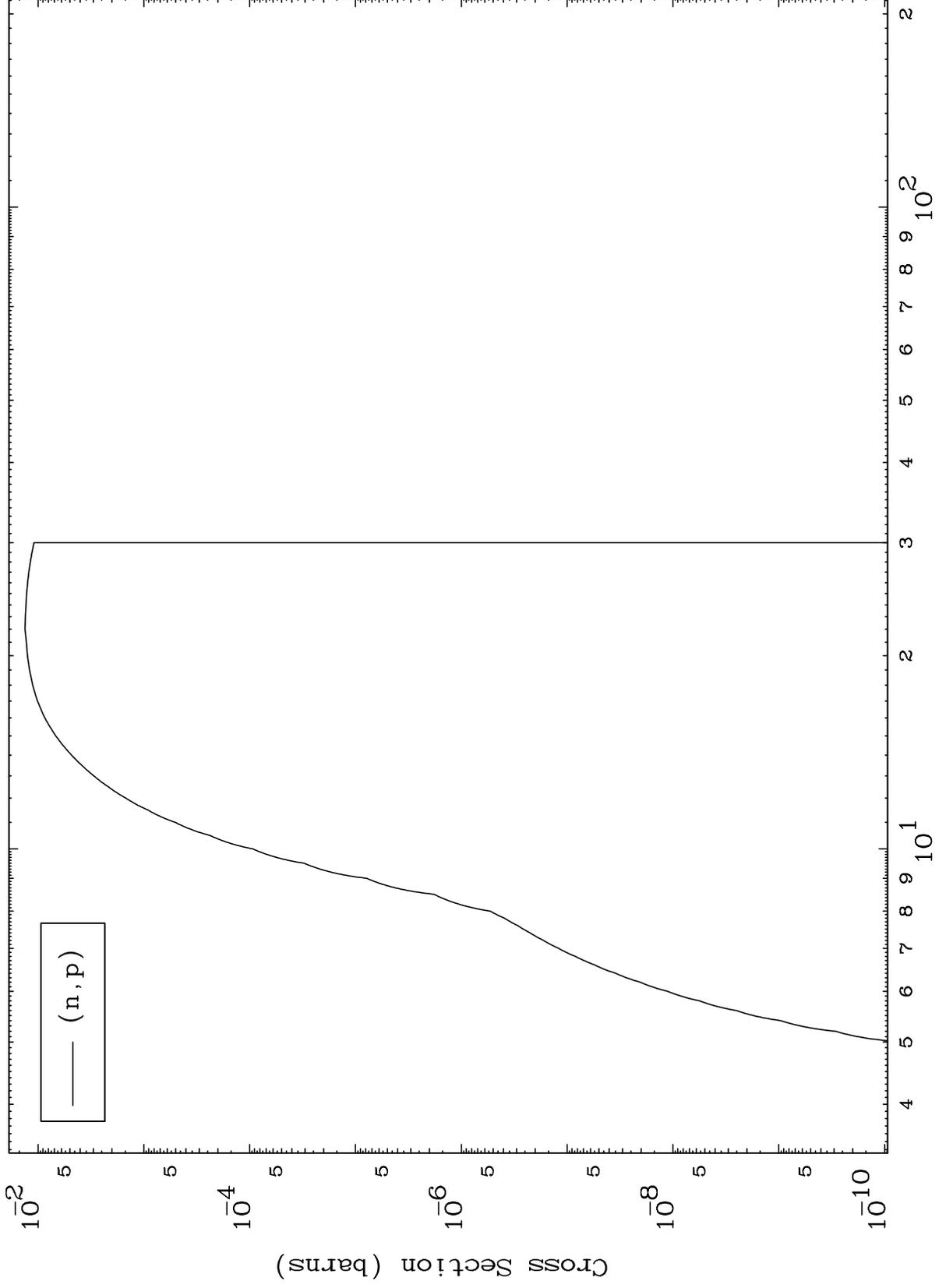
37-Rb-90m



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(n,p) Levels
293 Kelvin Cross Sections

37-Rb-90m



10

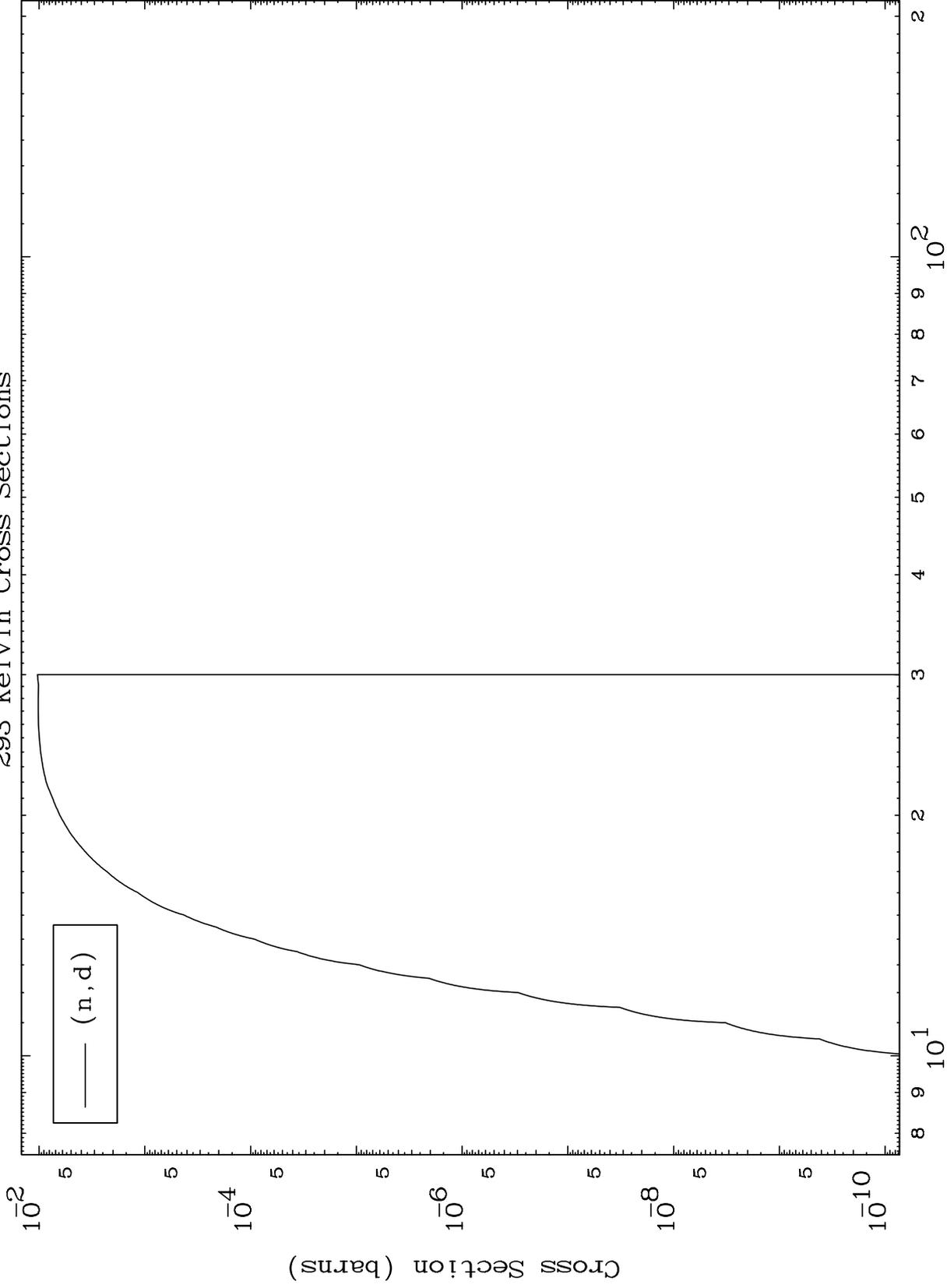
Incident Energy (MeV)

37-Rb-90m

MAT 3741

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-90m



11

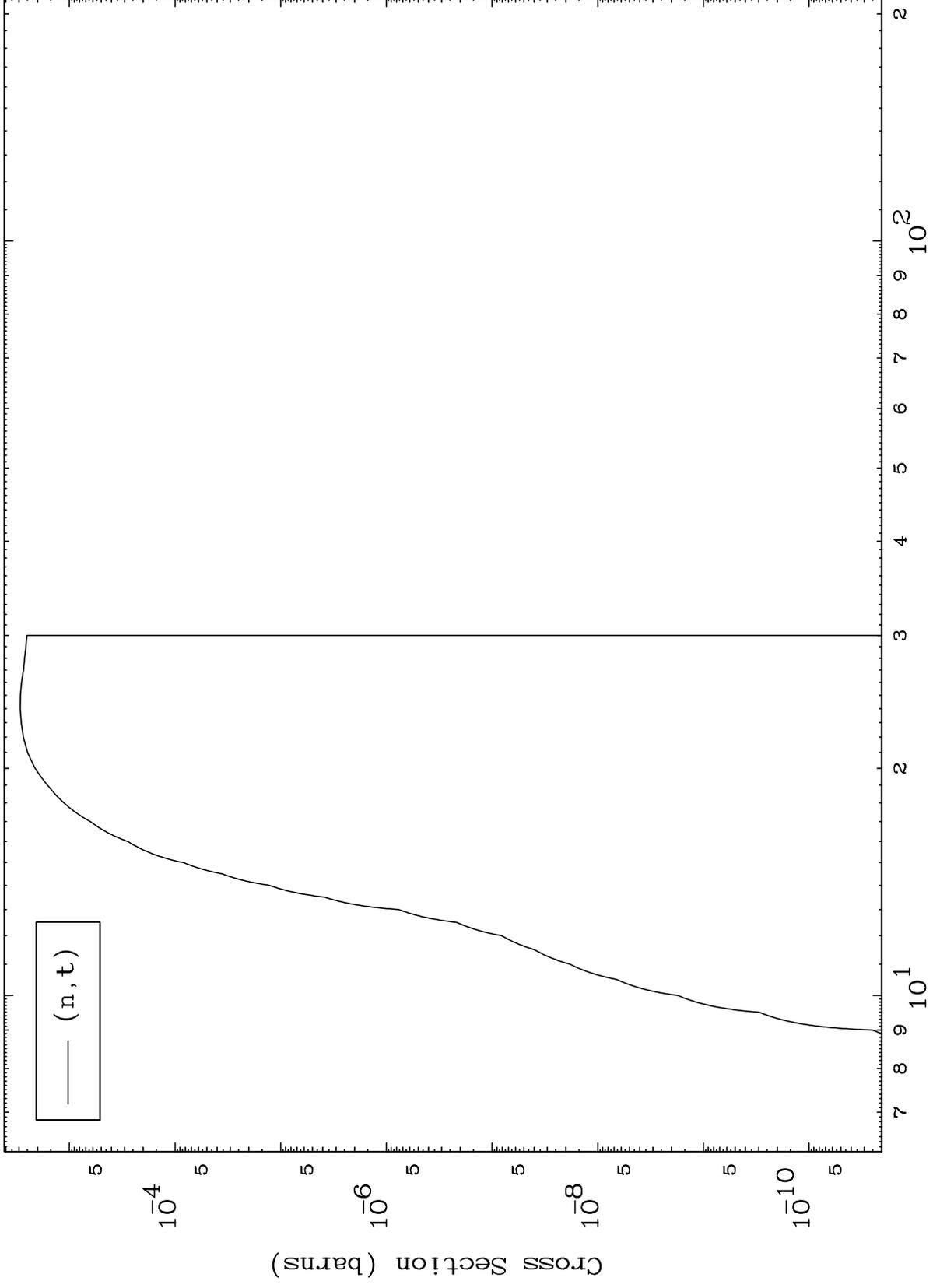
Incident Energy (MeV)

37-Rb-90m

MAT 3741

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-90m



12

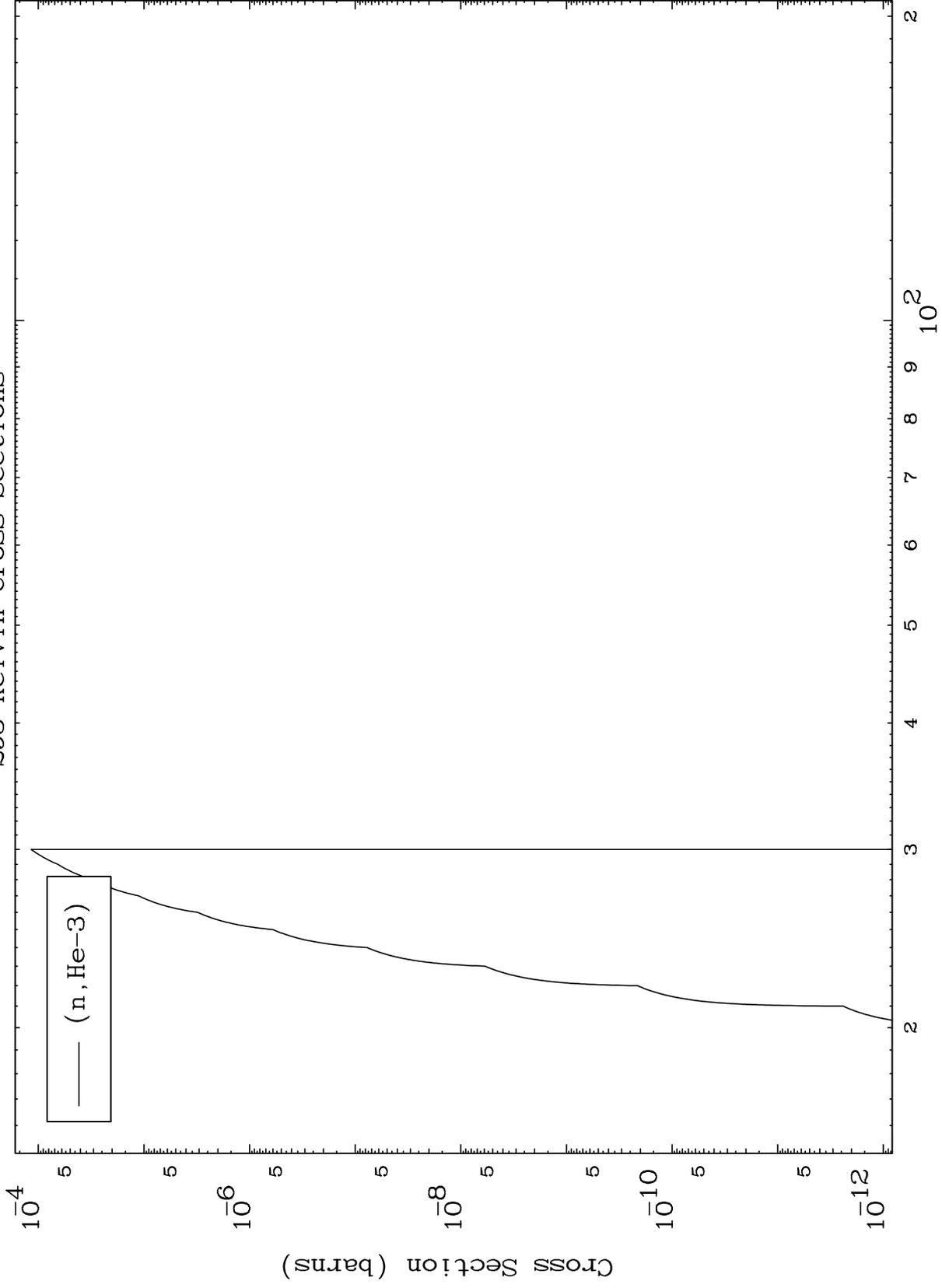
Incident Energy (MeV)

37-Rb-90m

MAT 3741

(n,He3) Levels
293 Kelvin Cross Sections

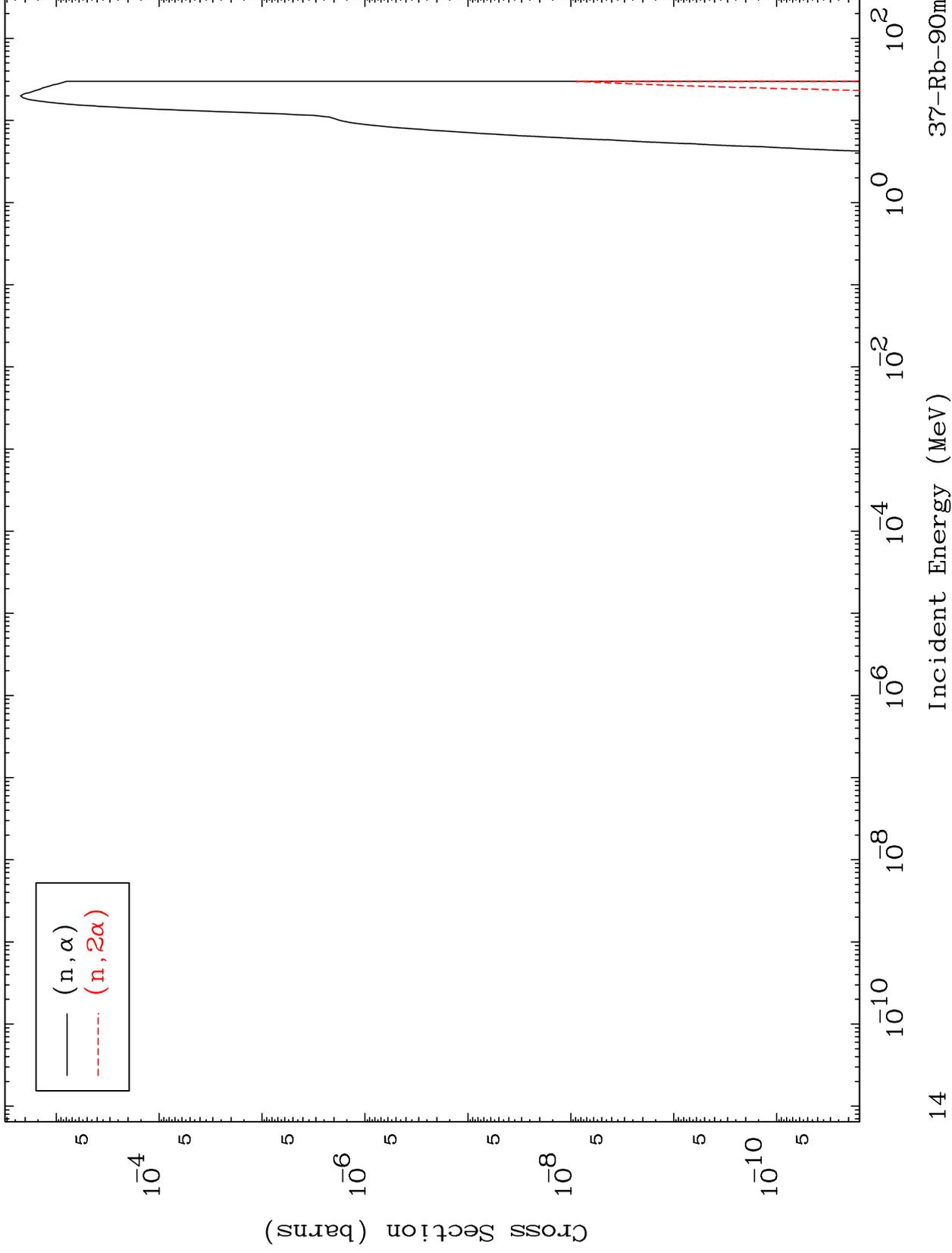
37-Rb-90m

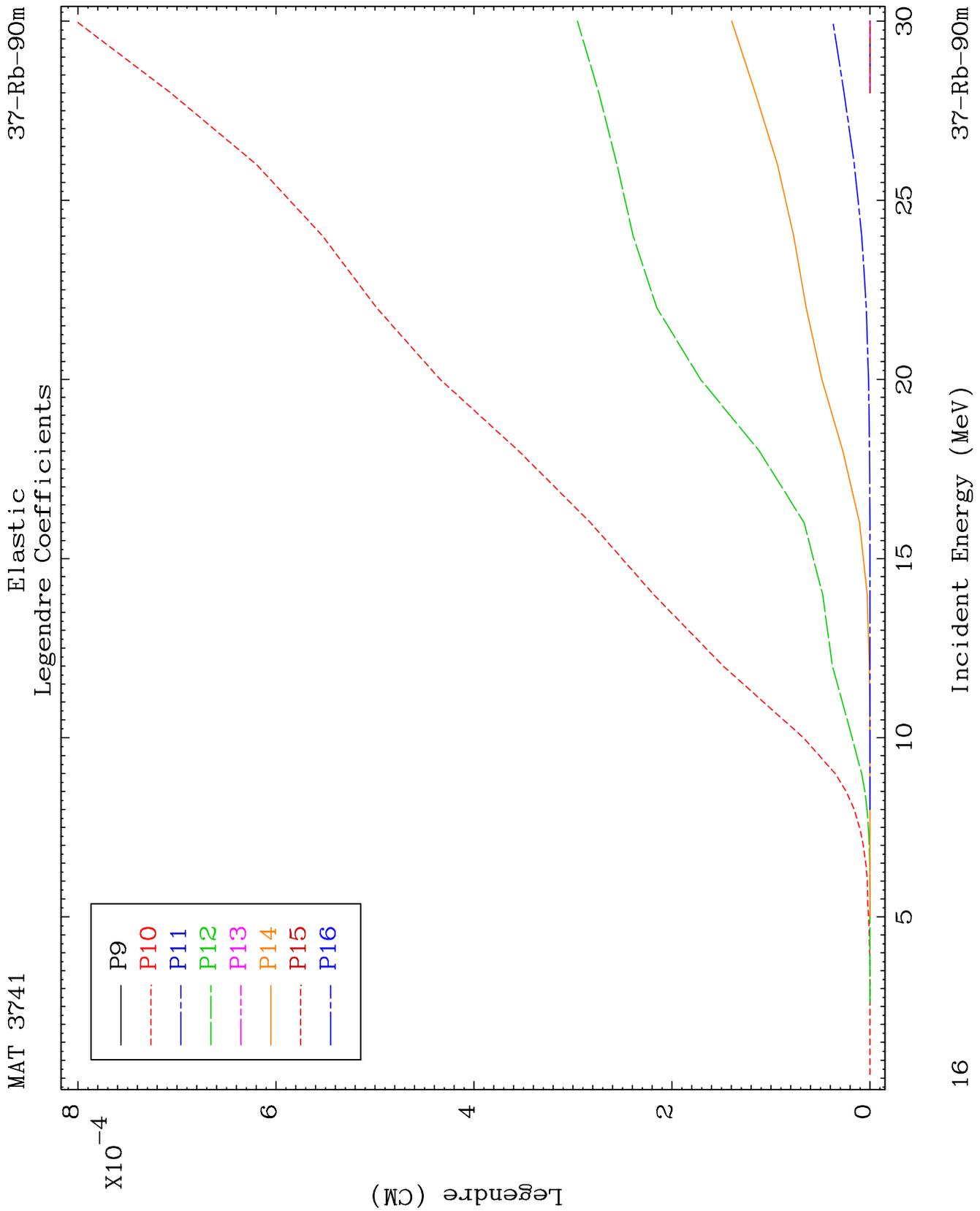


MAT 3741

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-90m

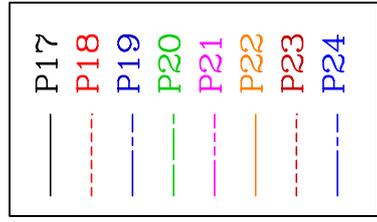




MAT 3741

Elastic Legendre Coefficients

37-Rb-90m



$\times 10^{-6}$
2.5

2.0

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

25

30

17

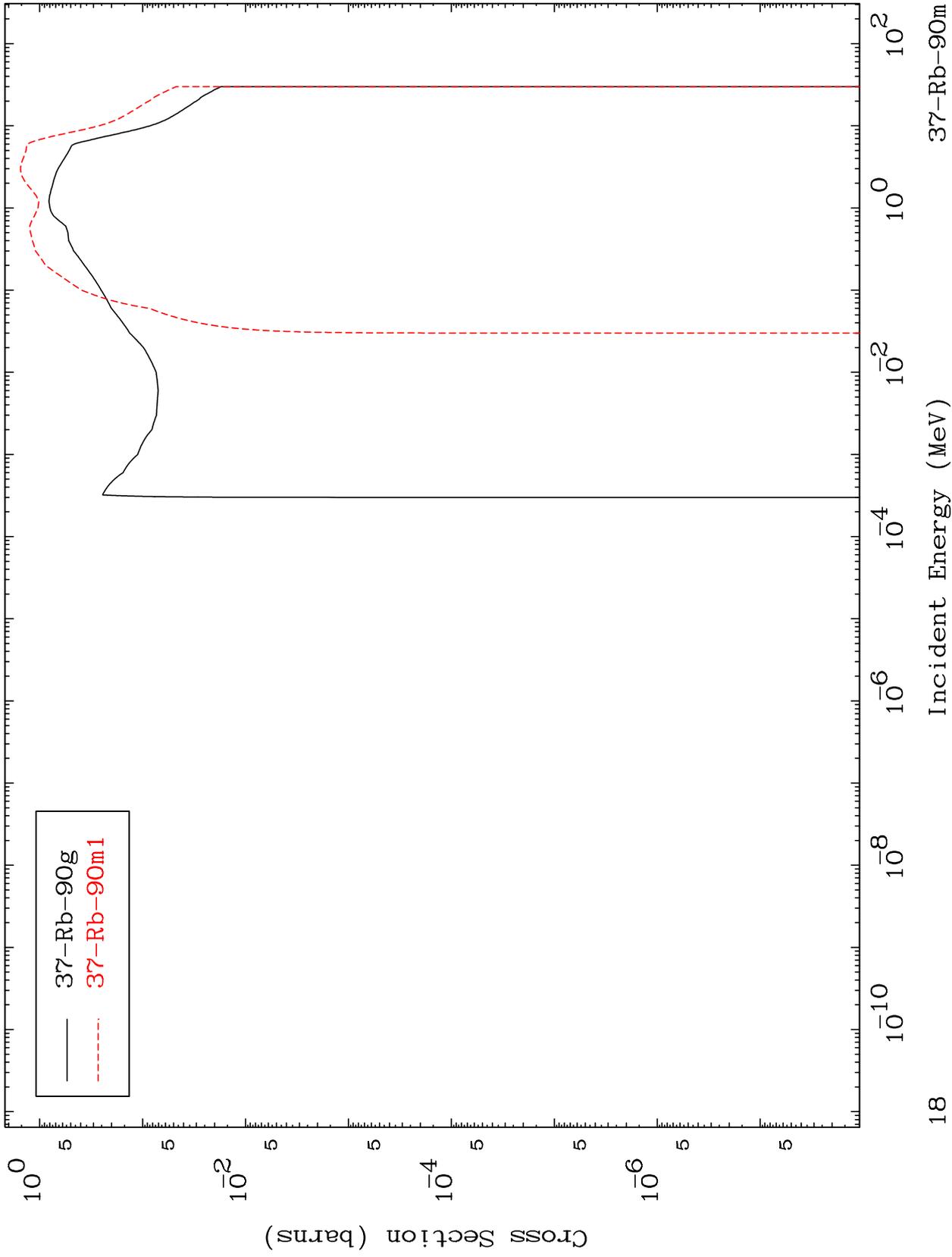
Incident Energy (MeV)

37-Rb-90m

MAT 3741

³⁷Rb-90m

Inelastic
Radionuclide Production Cross Section

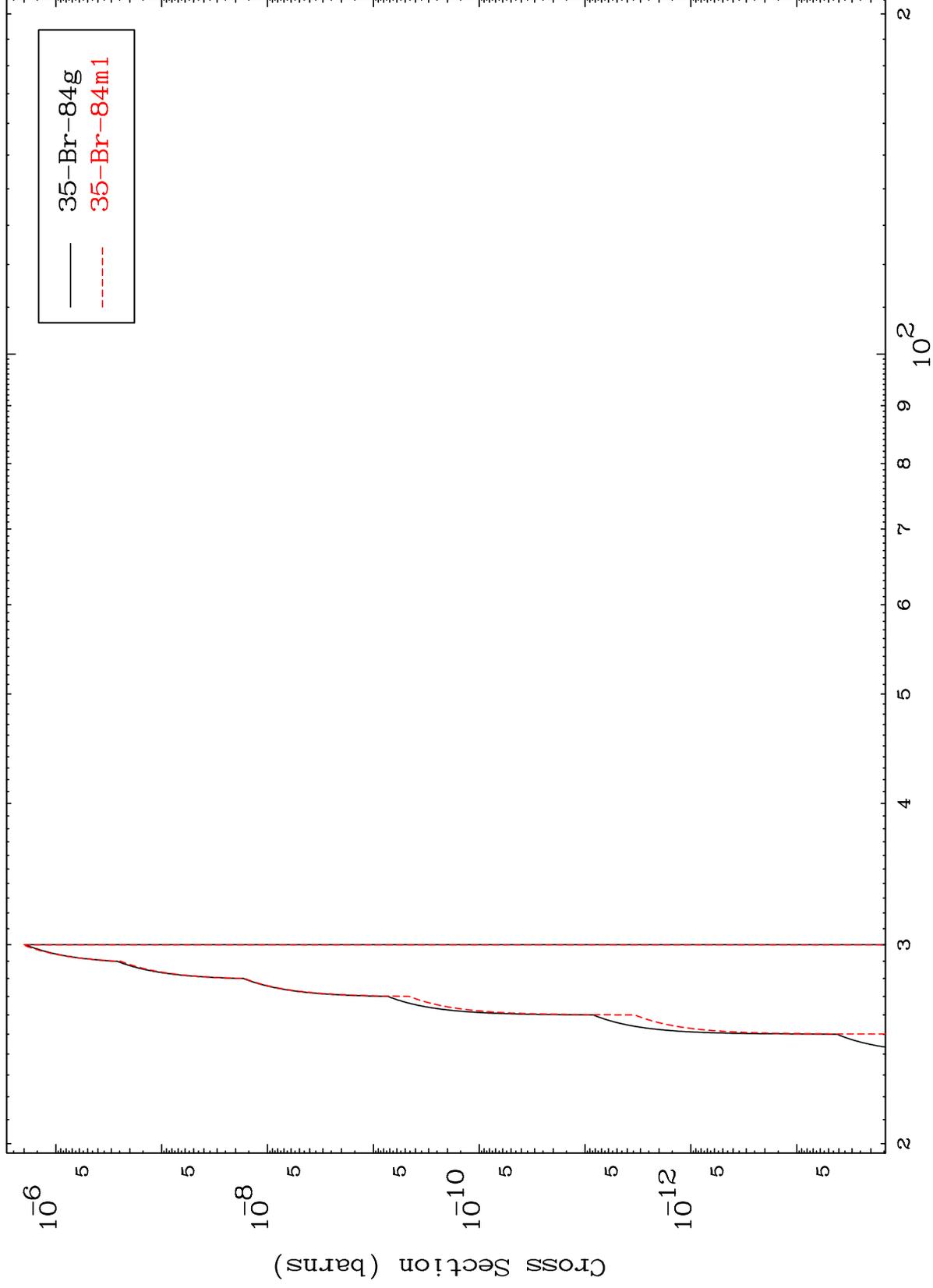


MAT 3741

(n,3n) α

37-Rb-90m

Radionuclide Production Cross Section



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Incident Energy (MeV)

37-Rb-90m