

Program EVALPLOT
(Version 2021-1)

by

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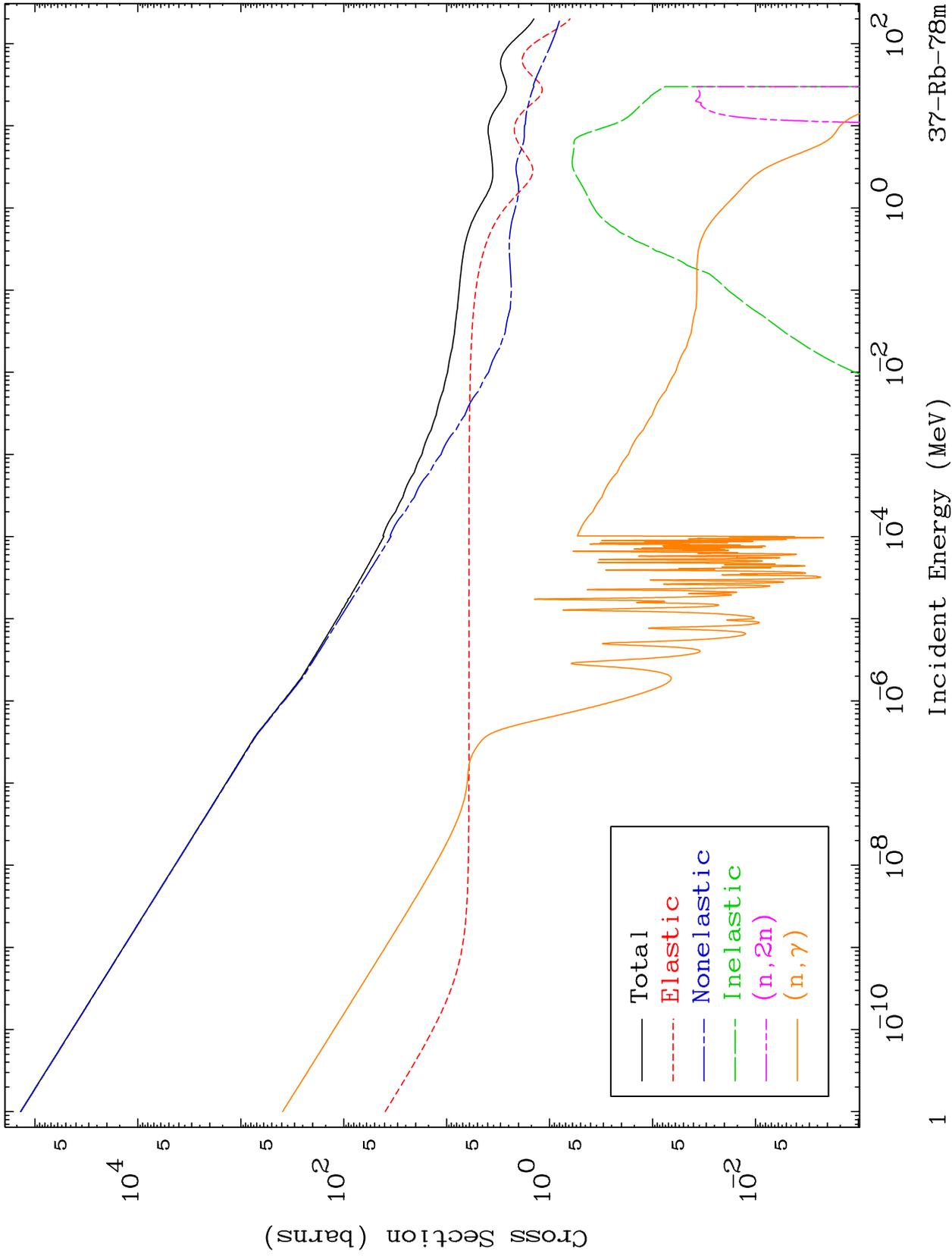
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Press Mouse Button to Start

MAT 3705

Neutron Major
293 Kelvin Cross Sections

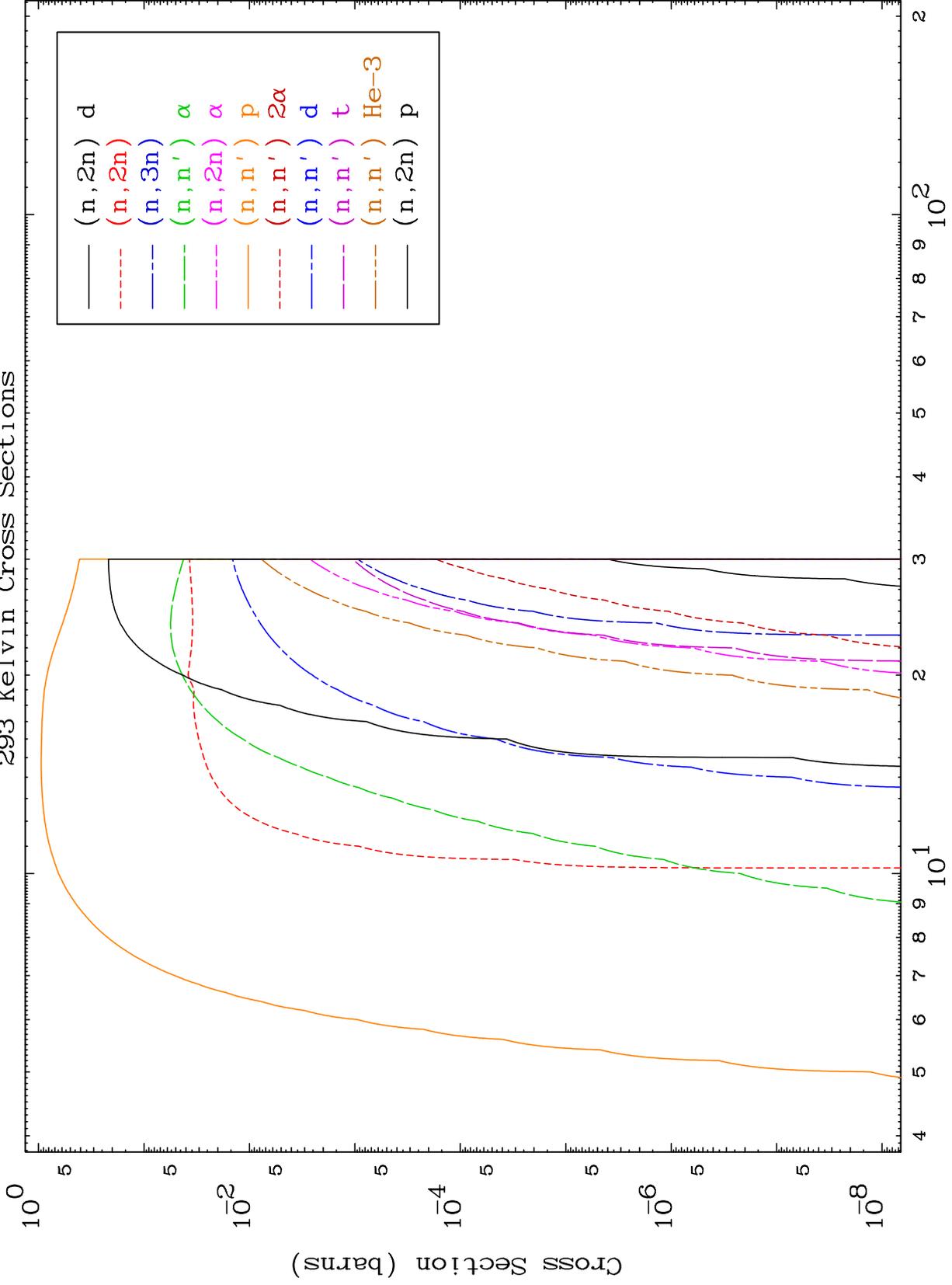
37-Rb-78m



MAT 3705

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-78m



2

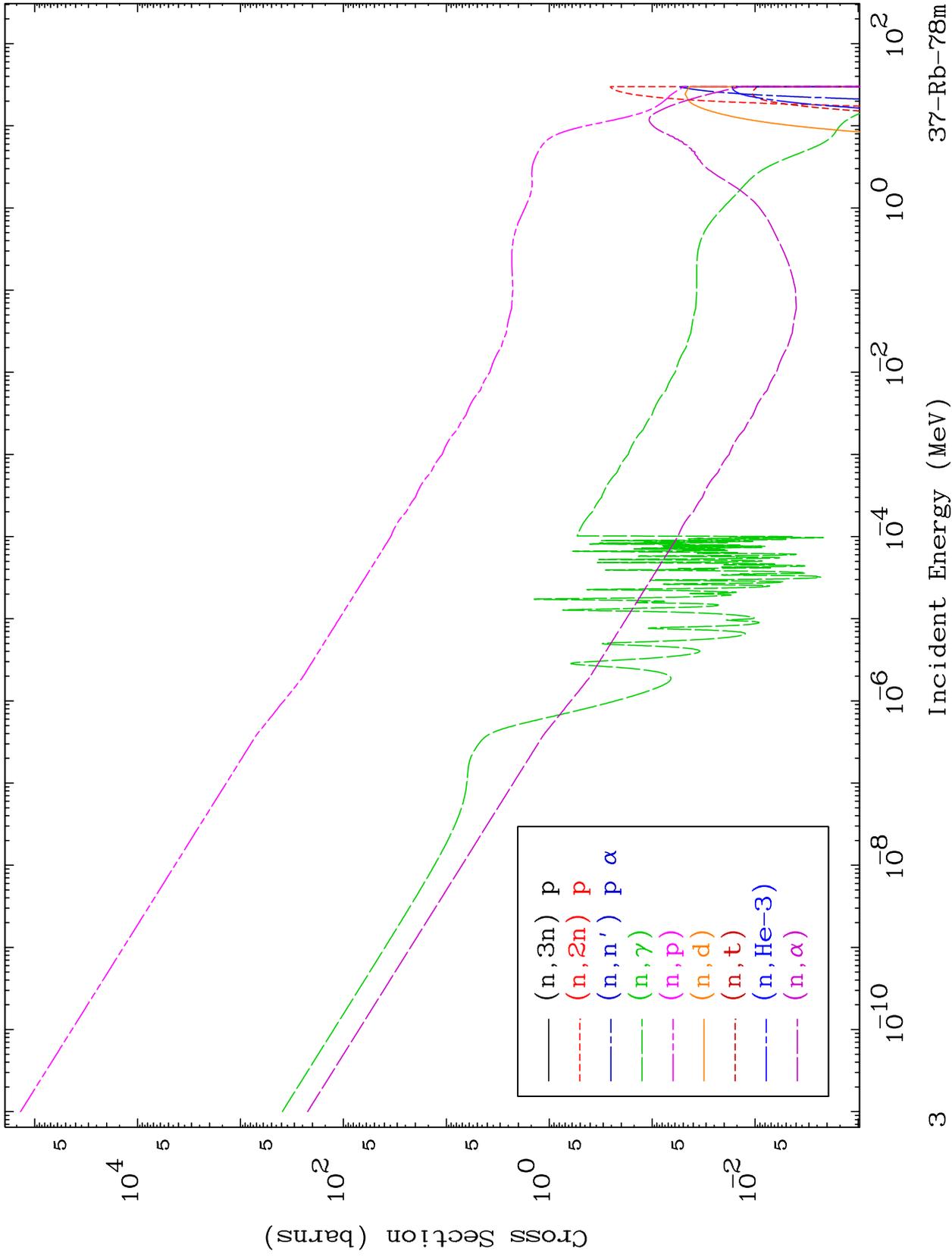
Incident Energy (MeV)

37-Rb-78m

MAT 3705

Neutron Absorption
293 Kelvin Cross Sections

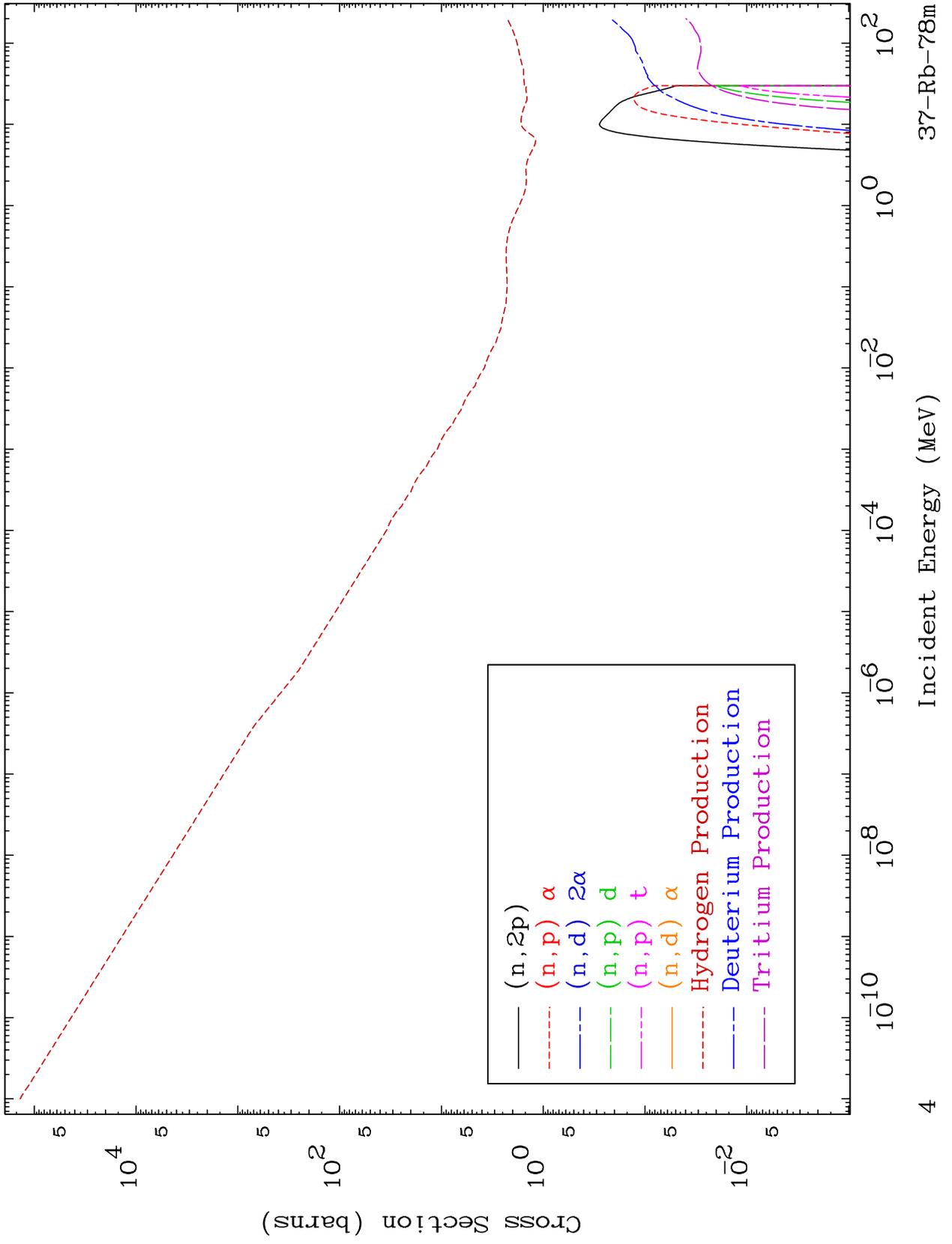
37-Rb-78m



MAT 3705

Neutron Absorption
293 Kelvin Cross Sections

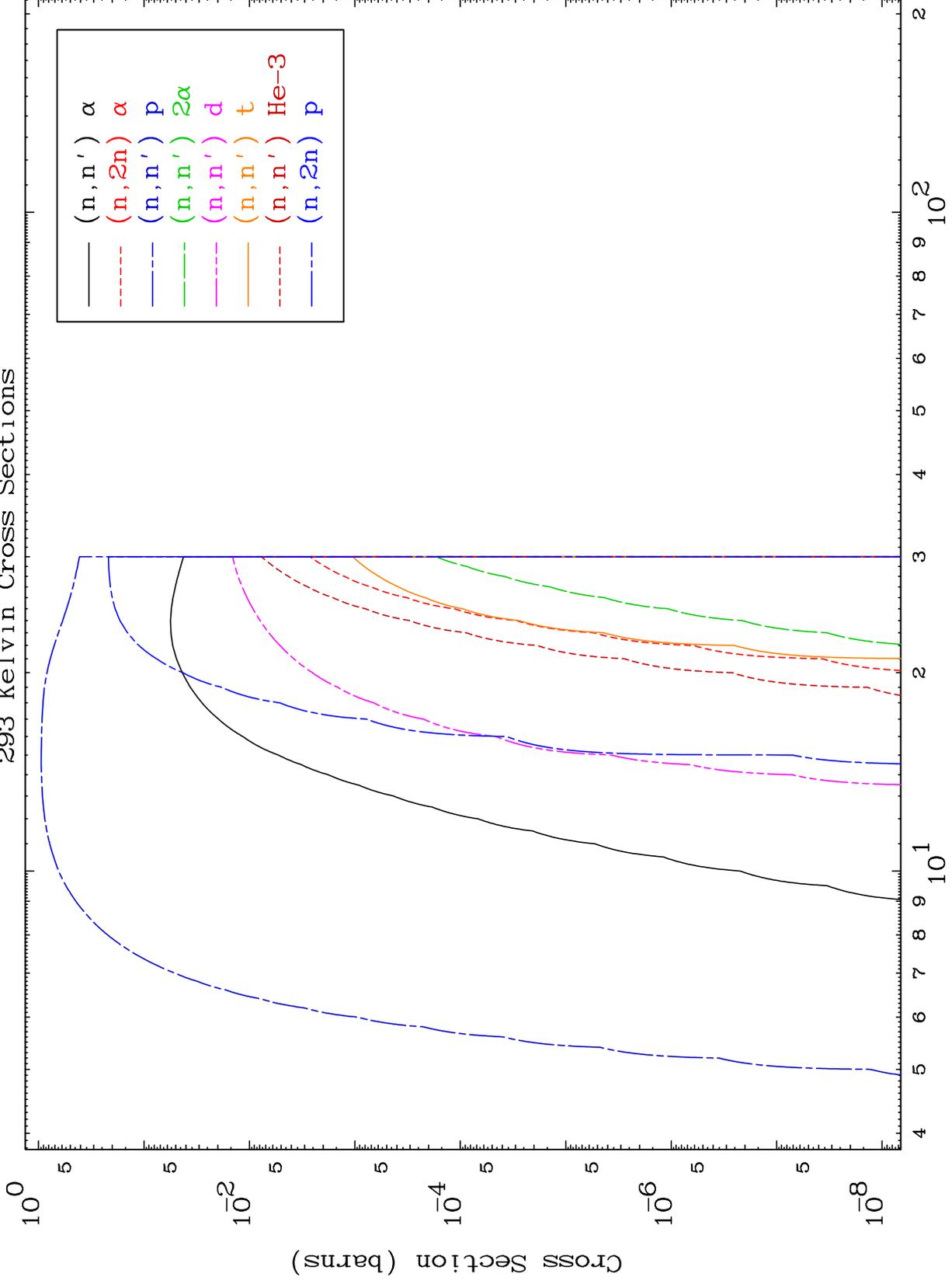
37-Rb-78m



MAT 3705

Charged Particle
293 Kelvin Cross Sections

37-Rb-78m



5

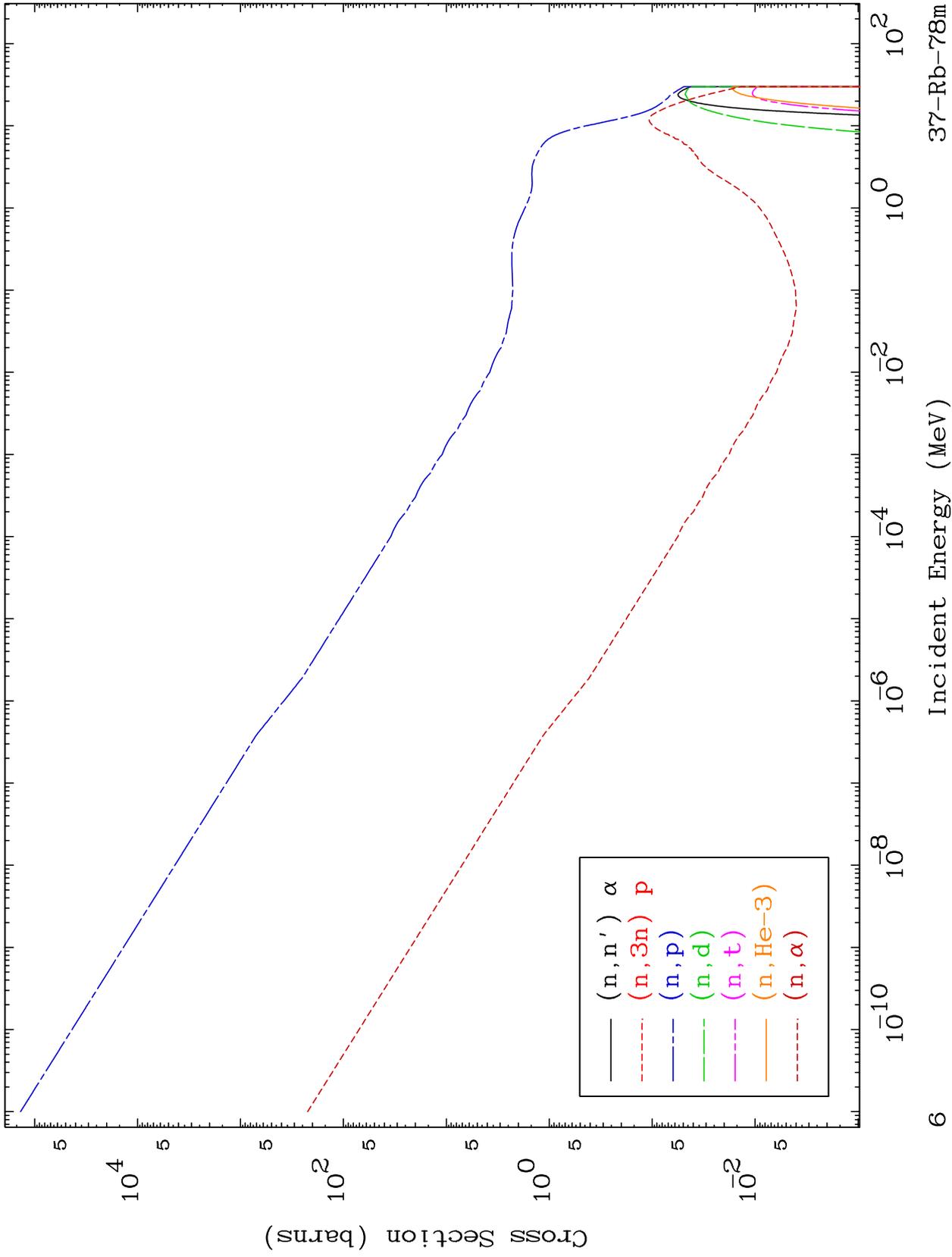
Incident Energy (MeV)

37-Rb-78m

MAT 3705

Charged Particle
293 Kelvin Cross Sections

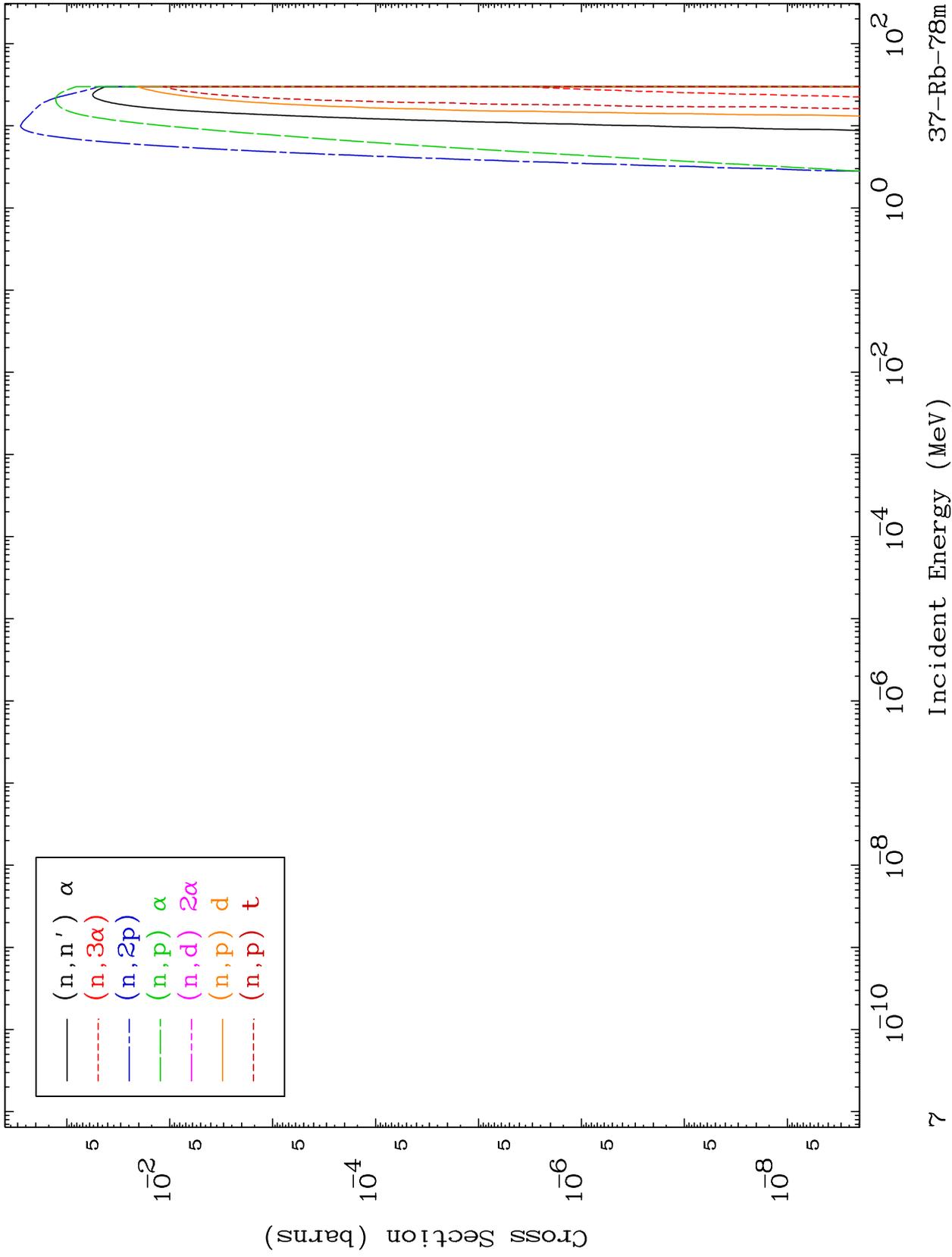
37-Rb-78m



MAT 3705

Charged Particle
293 Kelvin Cross Sections

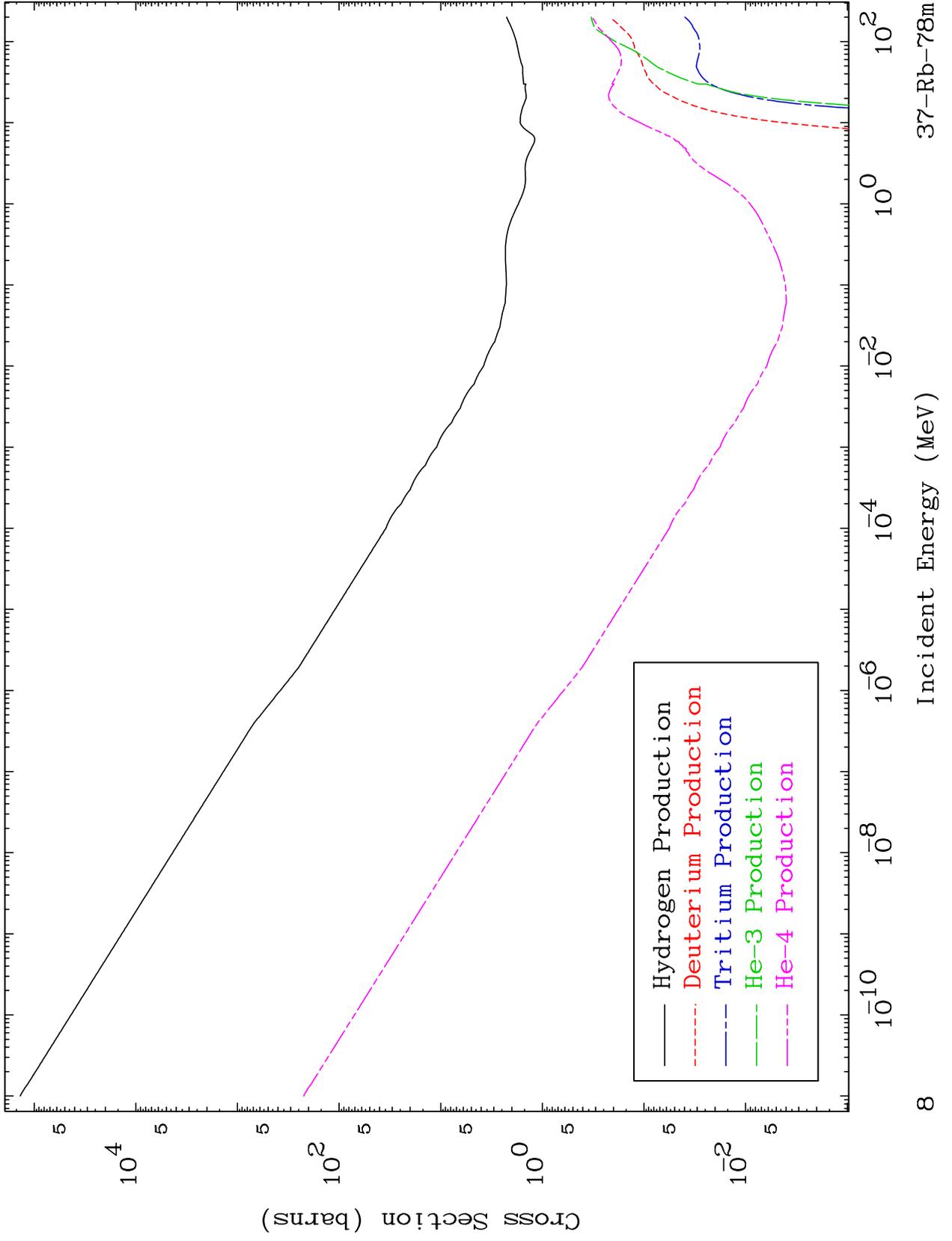
37-Rb-78m



MAT 3705

Particle Production
293 Kelvin Cross Sections

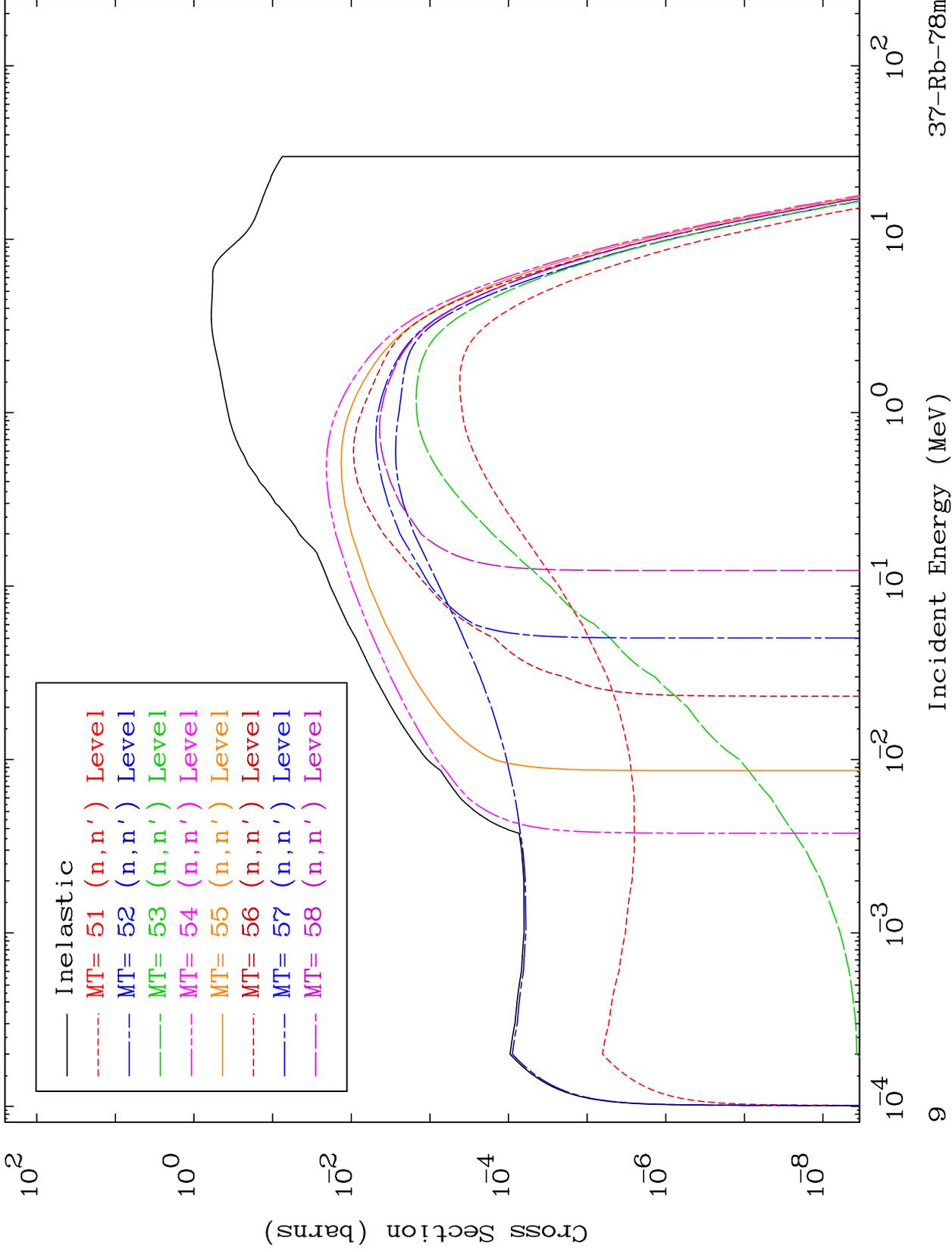
37-Rb-78m



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(n,n') Levels
293 Kelvin Cross Sections

37-Rb-78m



9

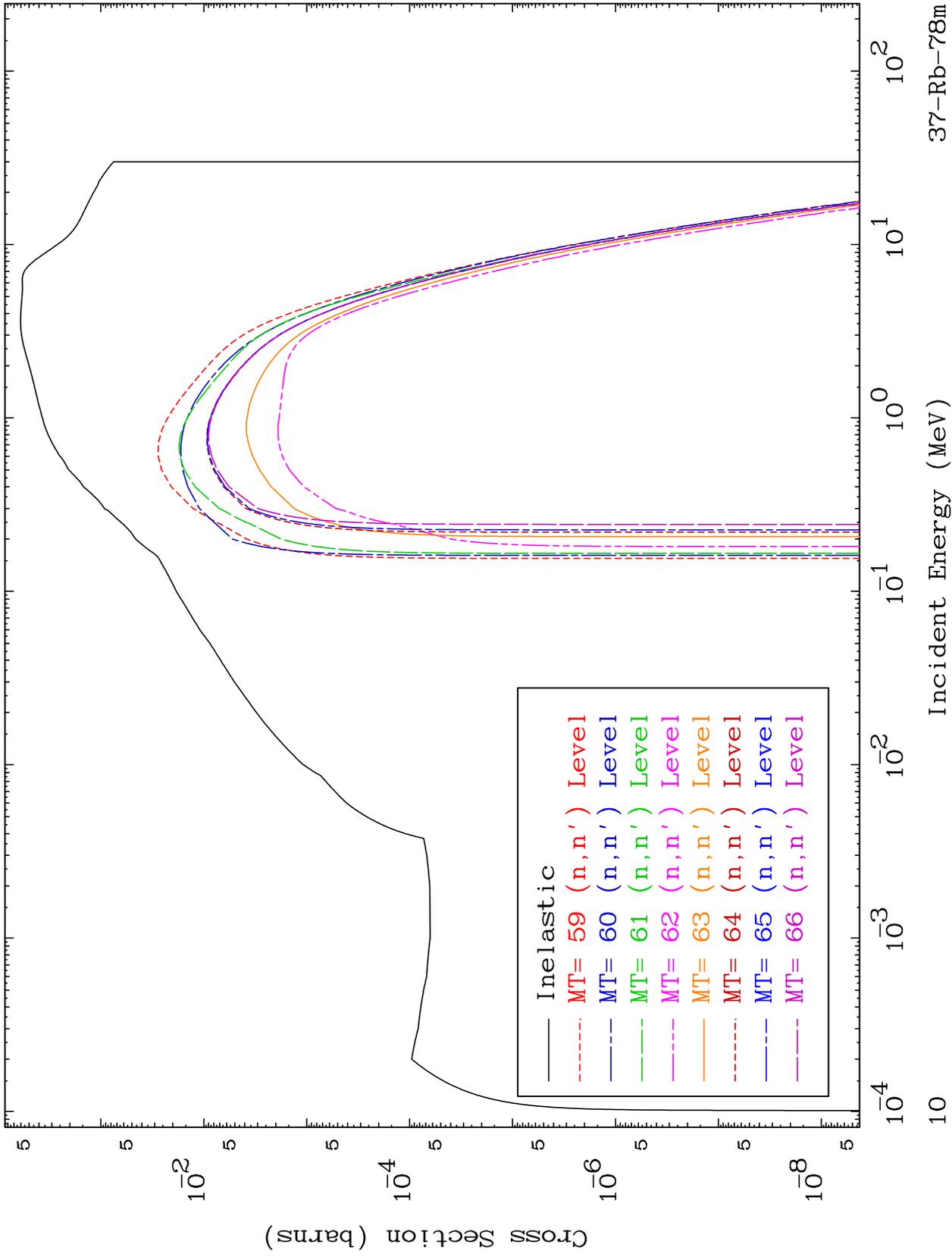
Incident Energy (MeV)

37-Rb-78m

MAT 3705

(n,n') Levels
293 Kelvin Cross Sections

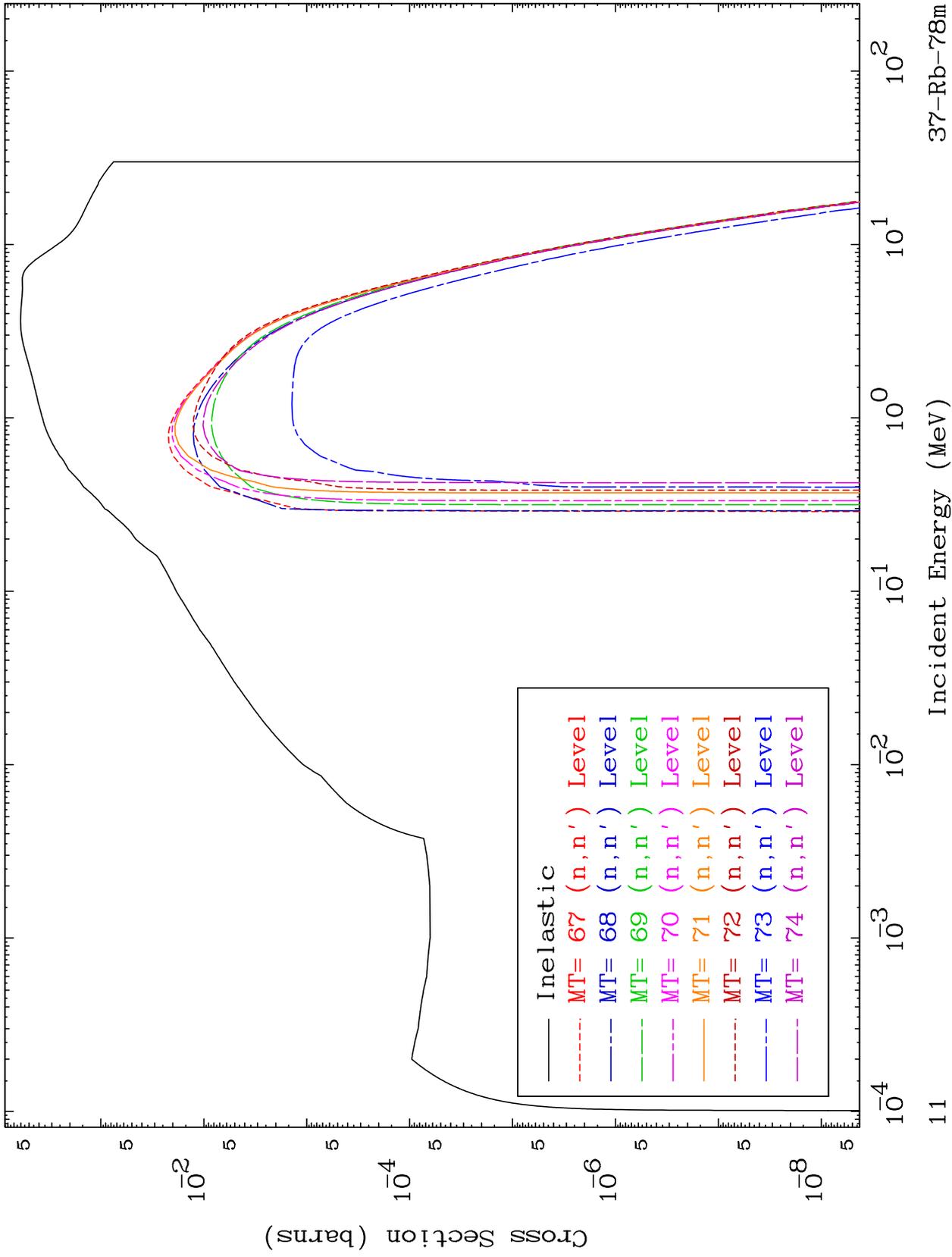
37-Rb-78m



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(n,n') Levels
293 Kelvin Cross Sections

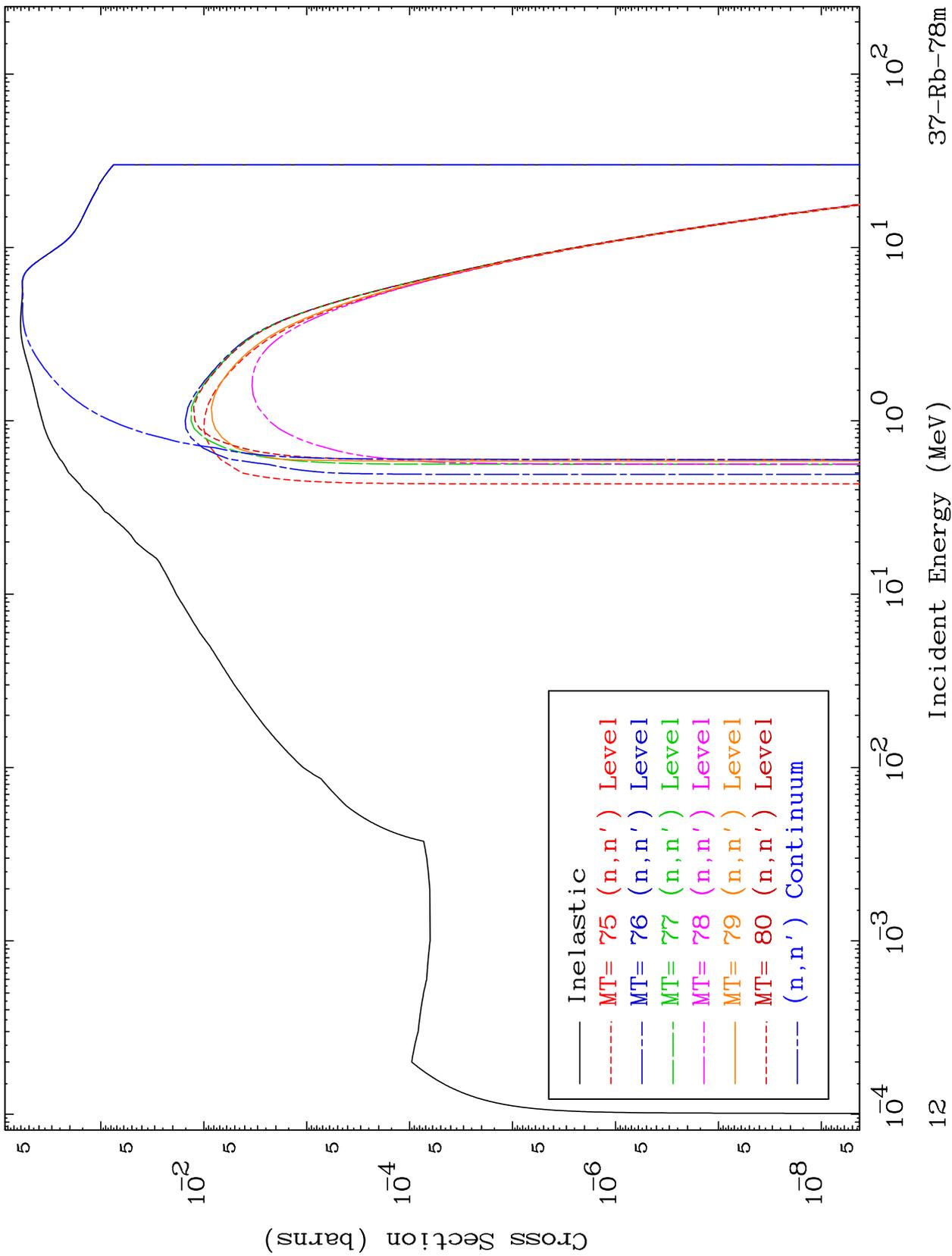
37-Rb-78m



MAT 3705

(n,n') Levels
293 Kelvin Cross Sections

37-Rb-78m



37-Rb-78m

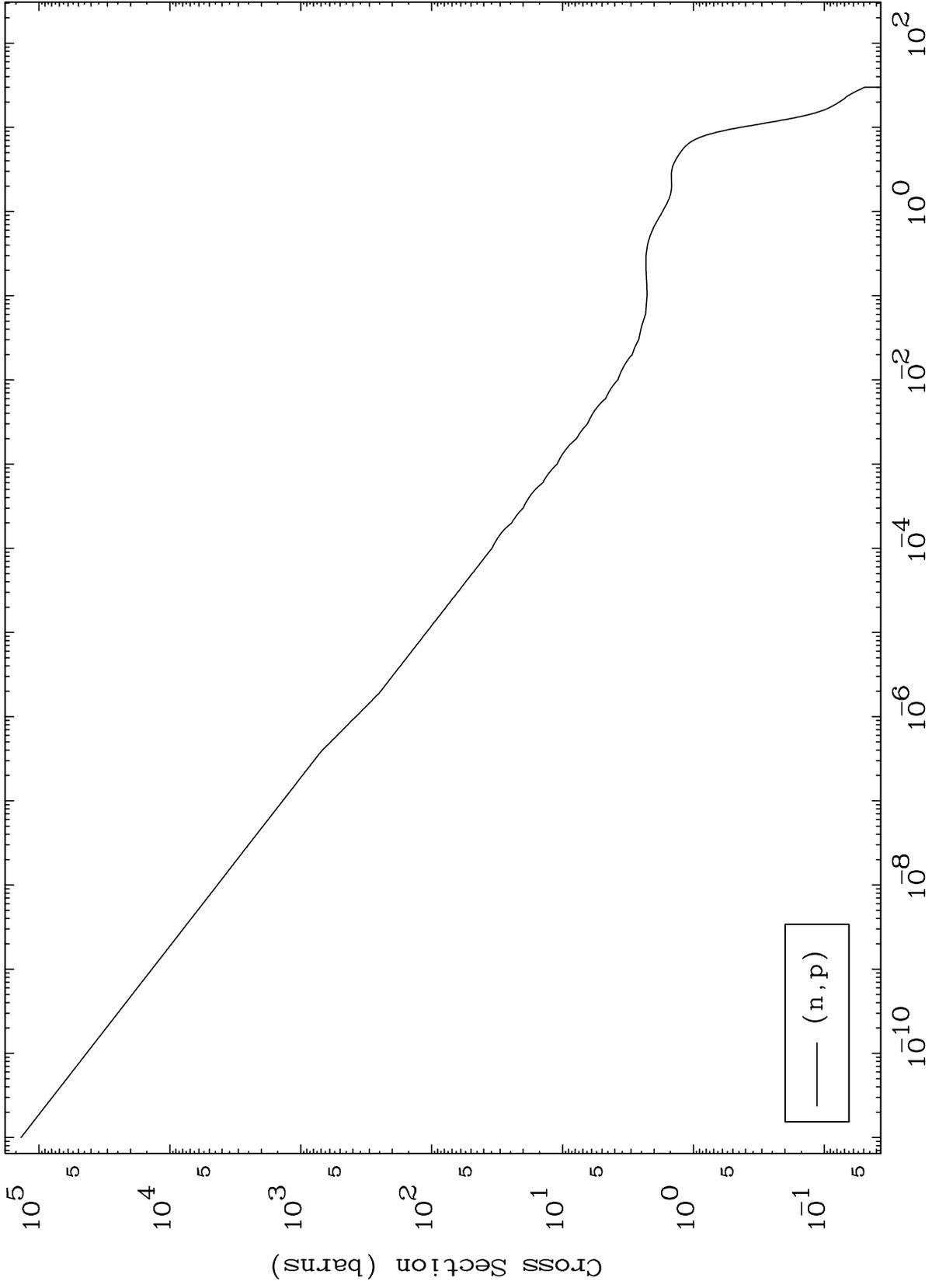
Incident Energy (MeV)

12

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(n,p) Levels
293 Kelvin Cross Sections

37-Rb-78m

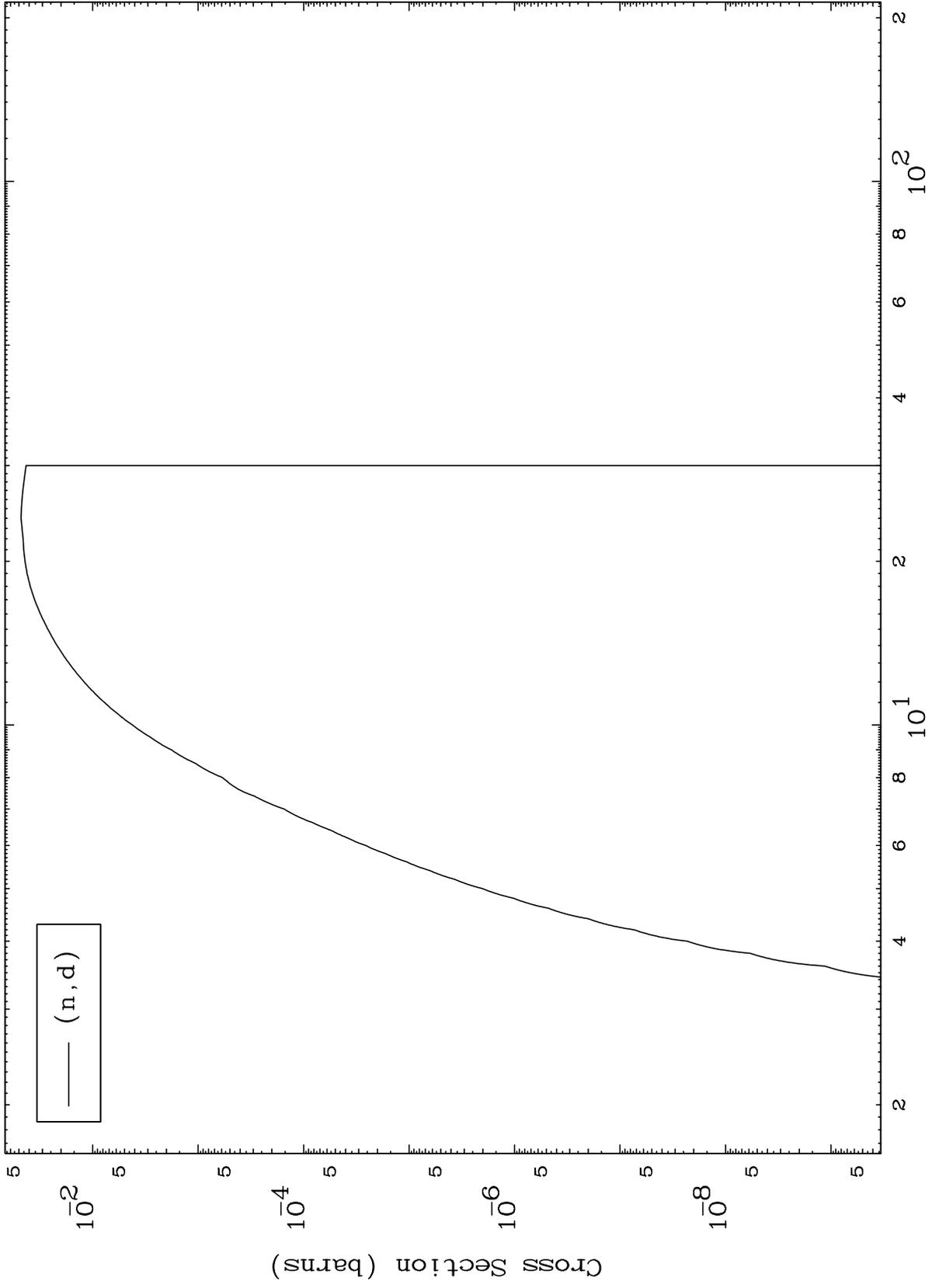


(n,p)

MAT 3705

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-78m



14

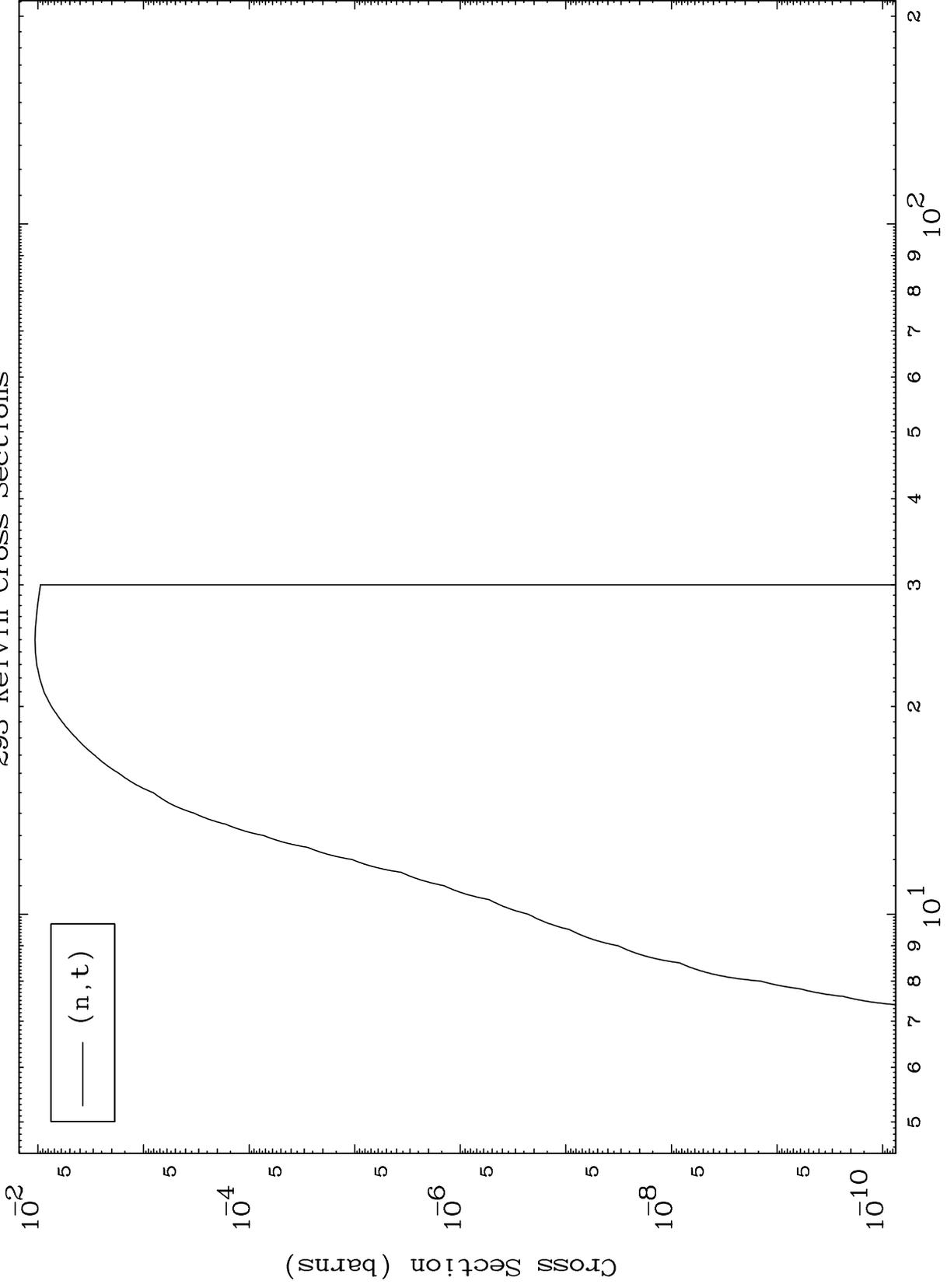
Incident Energy (MeV)

37-Rb-78m

MAT 3705

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-78m



15

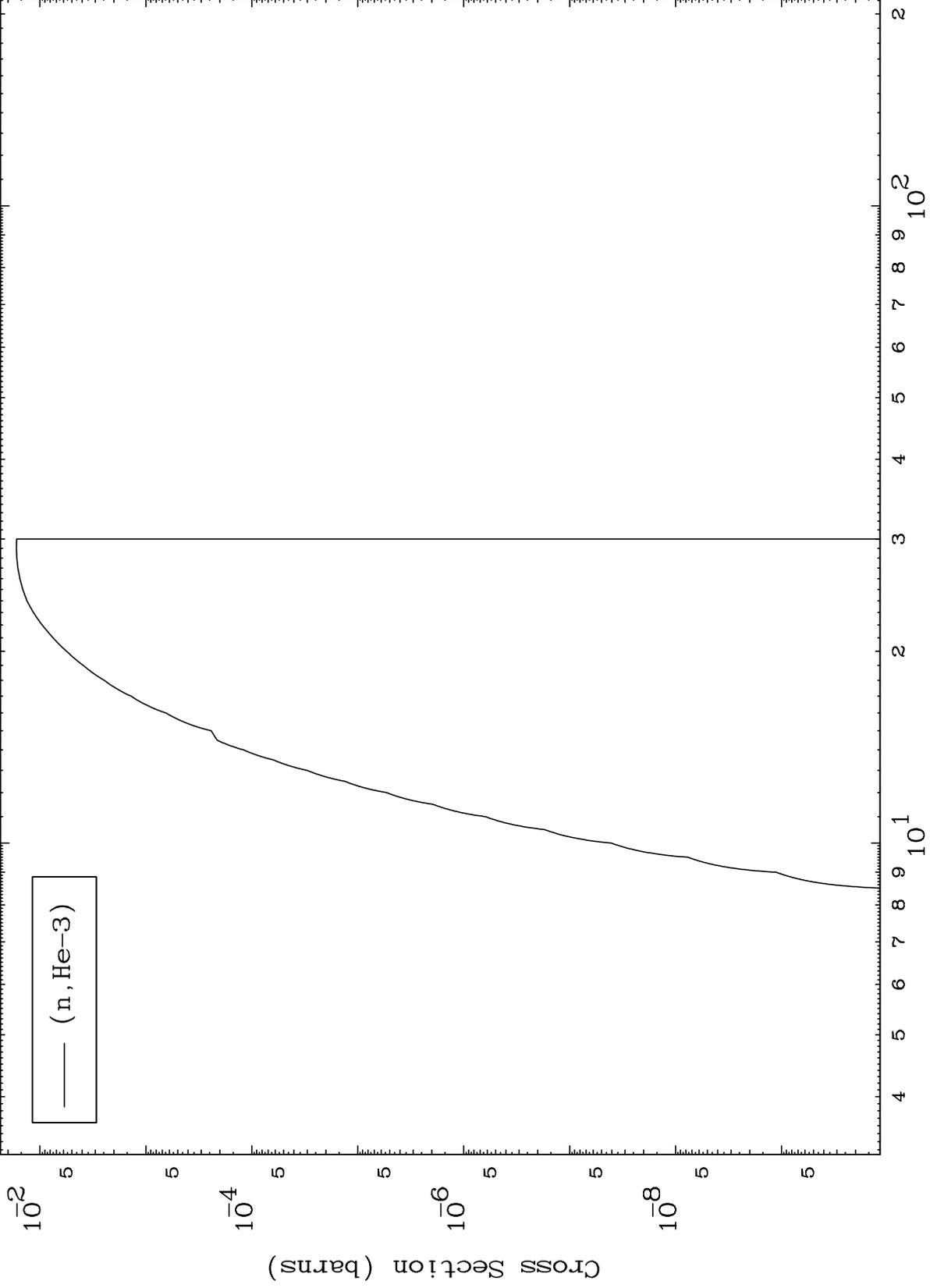
Incident Energy (MeV)

37-Rb-78m

MAT 3705

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-78m



16

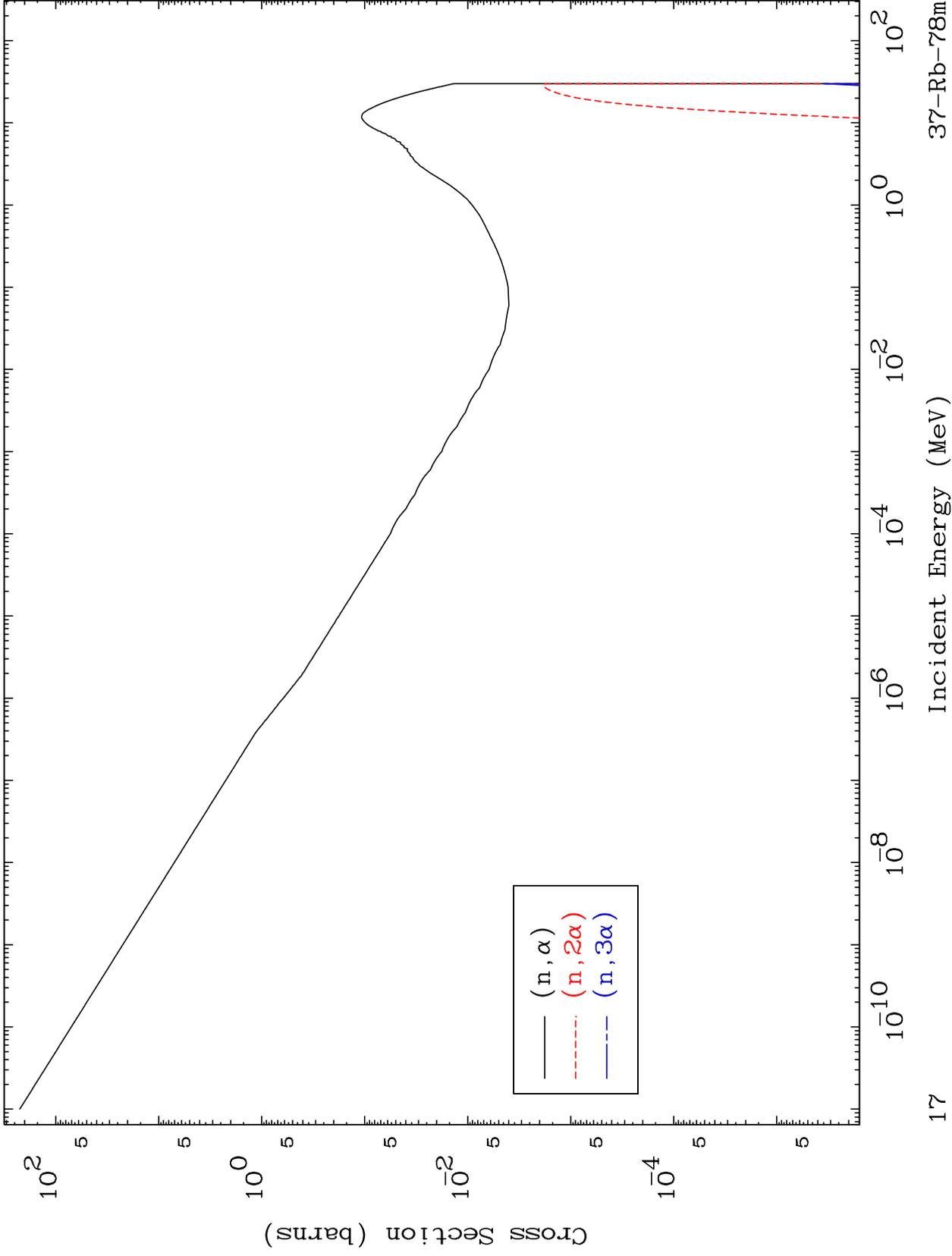
Incident Energy (MeV)

37-Rb-78m

MAT 3705

(n,α) Levels
293 Kelvin Cross Sections

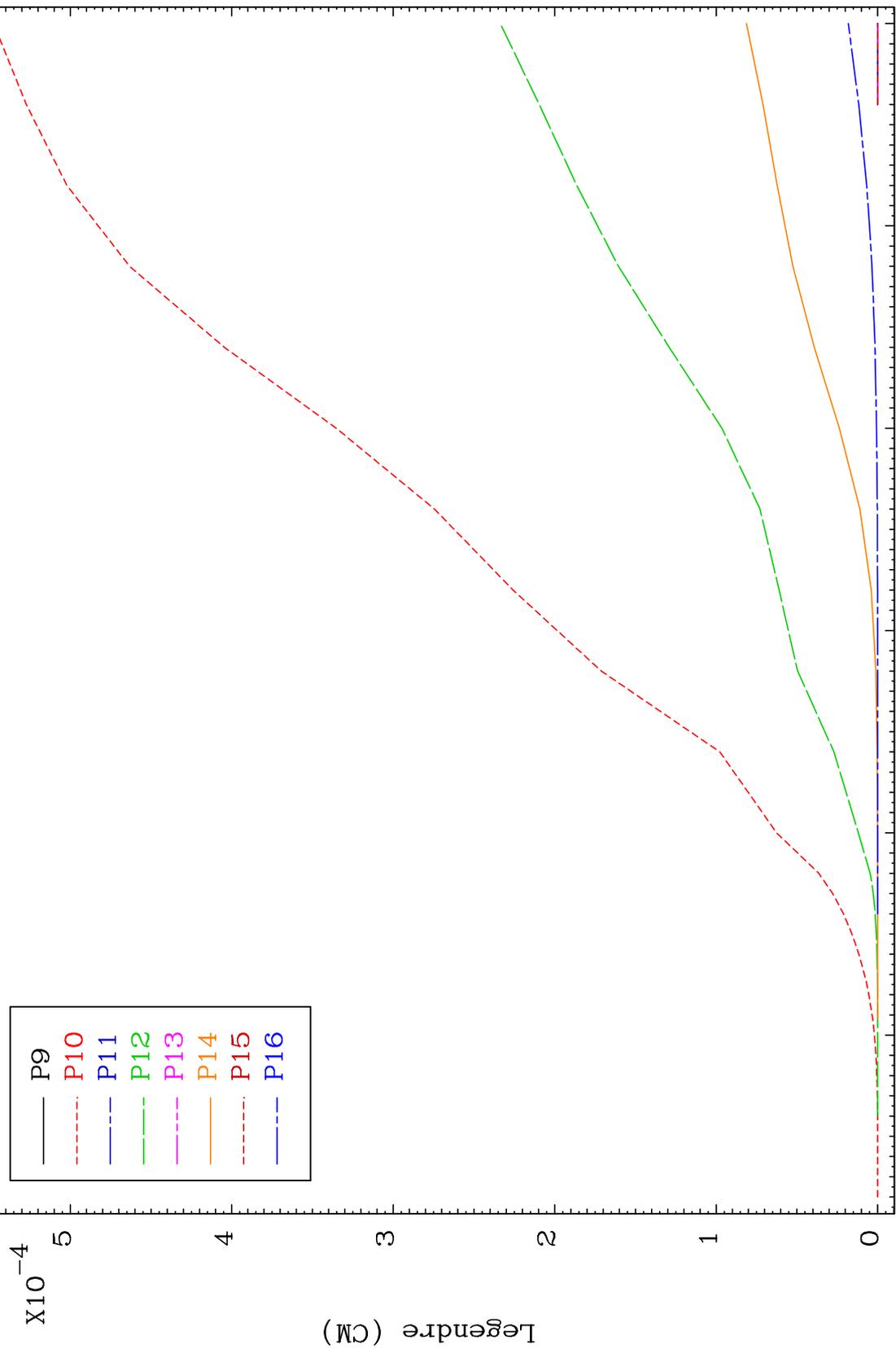
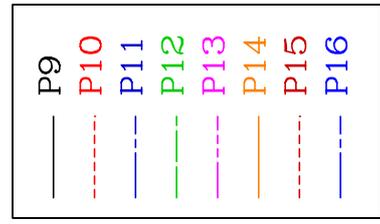
37-Rb-78m



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Elastic Legendre Coefficients

37-Rb-78m



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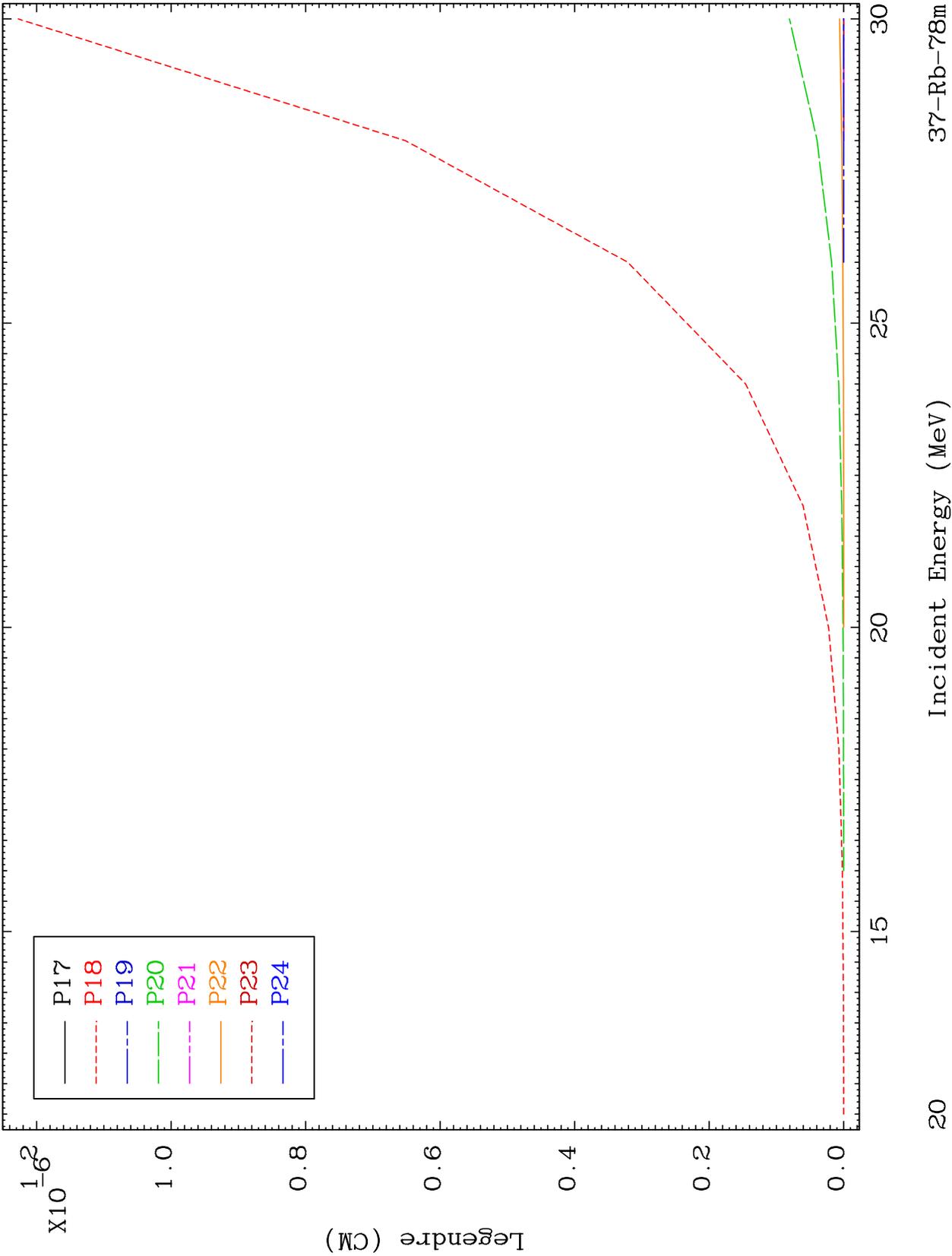
37-Rb-78m

Incident Energy (MeV)

MAT 3705

Elastic Legendre Coefficients

37-Rb-78m



20

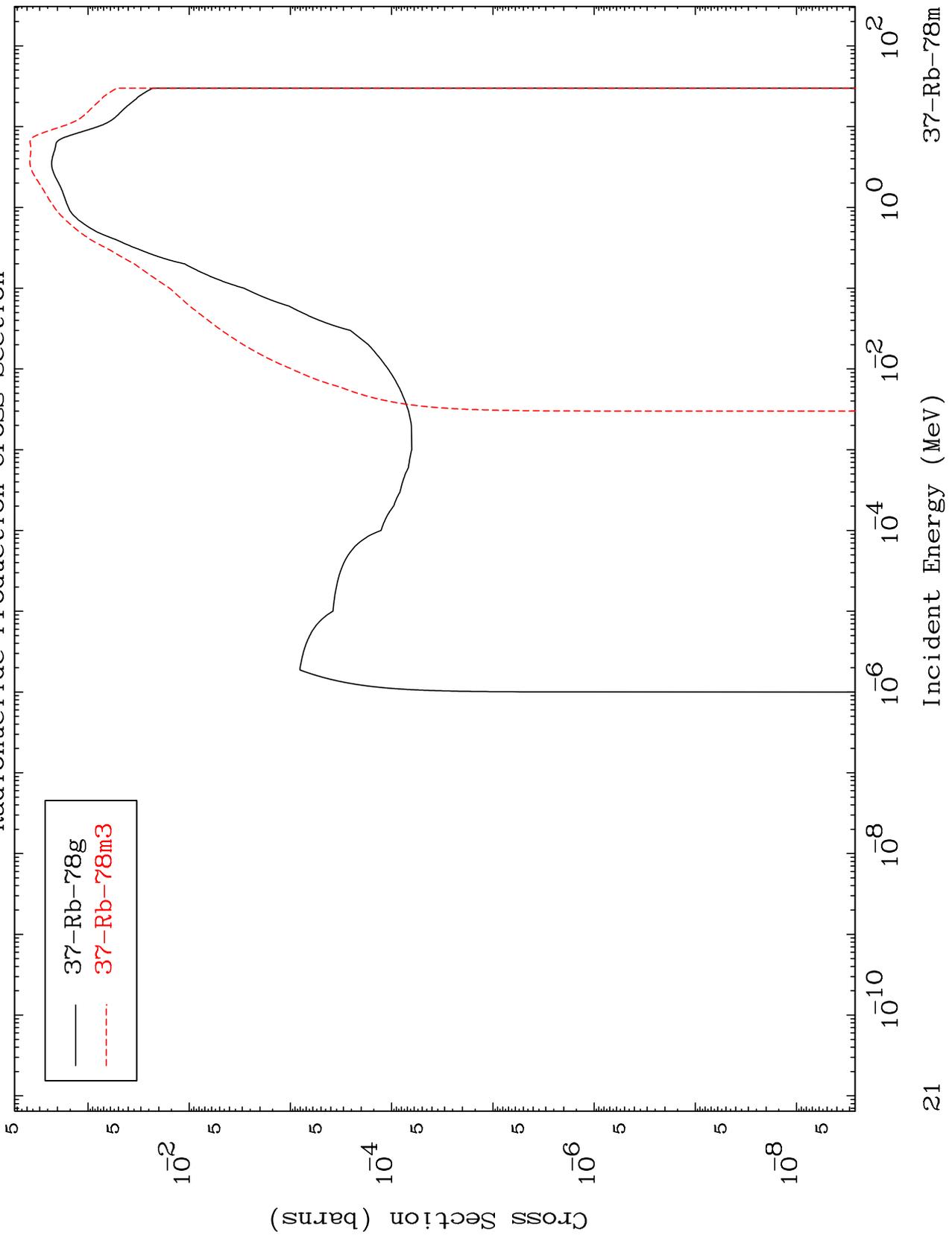
Incident Energy (MeV)

37-Rb-78m

MAT 3705

Inelastic
Radionuclide Production Cross Section

³⁷Rb-⁷⁸m

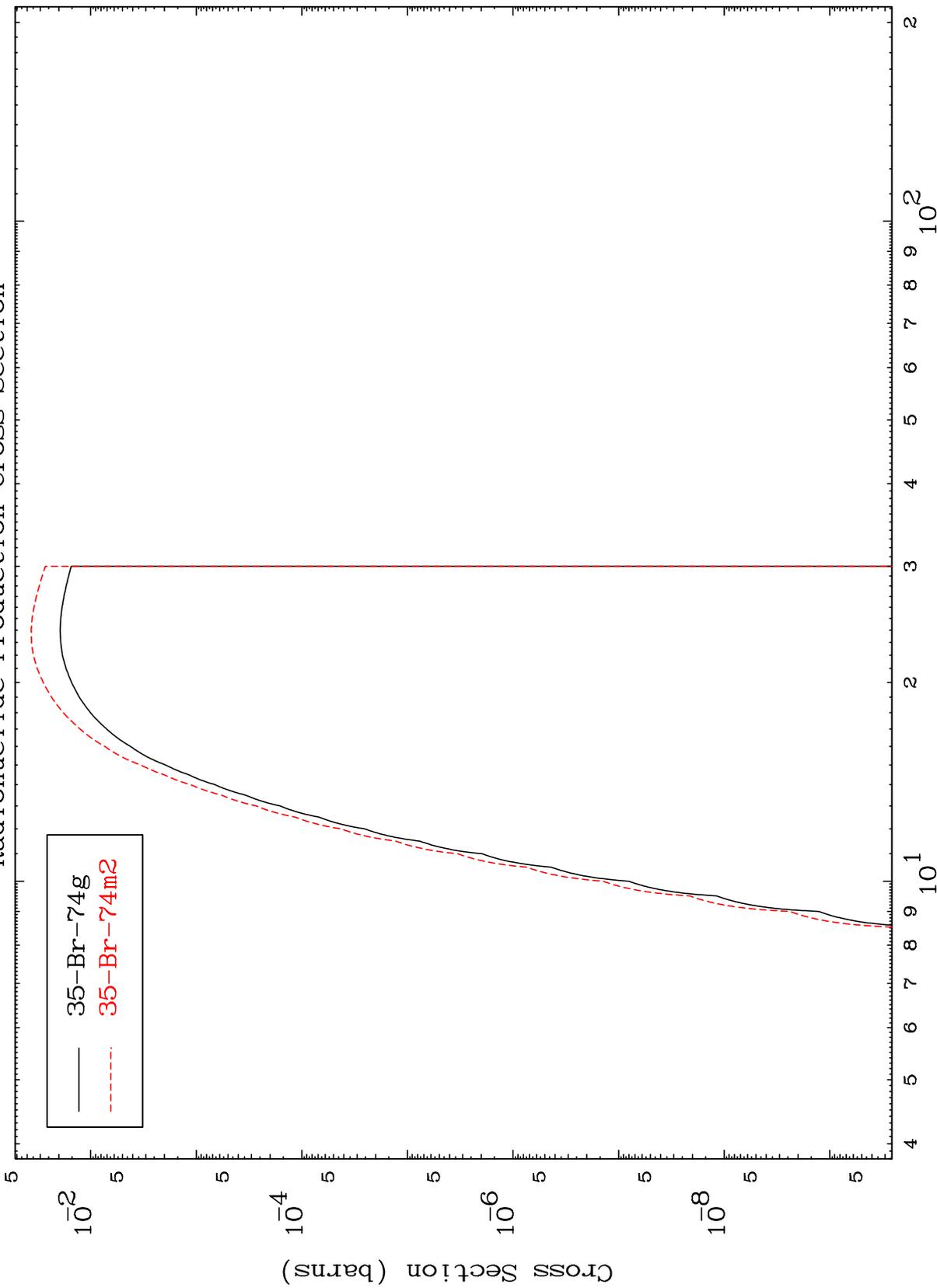


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37-Rb-78m

(n,n') α

Radionuclide Production Cross Section

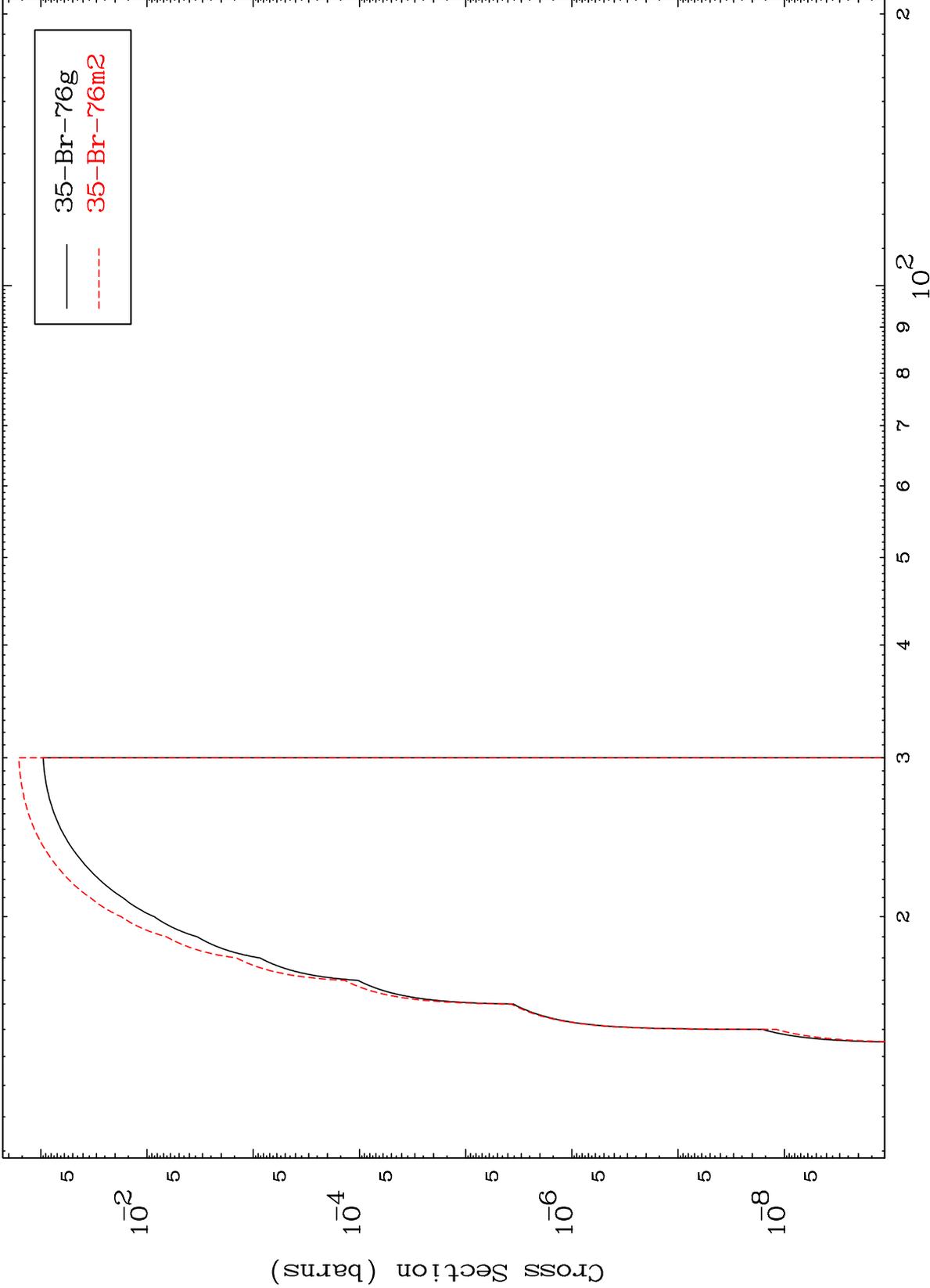


37-Rb-78m

Incident Energy (MeV)

22

Radionuclide Production Cross Section



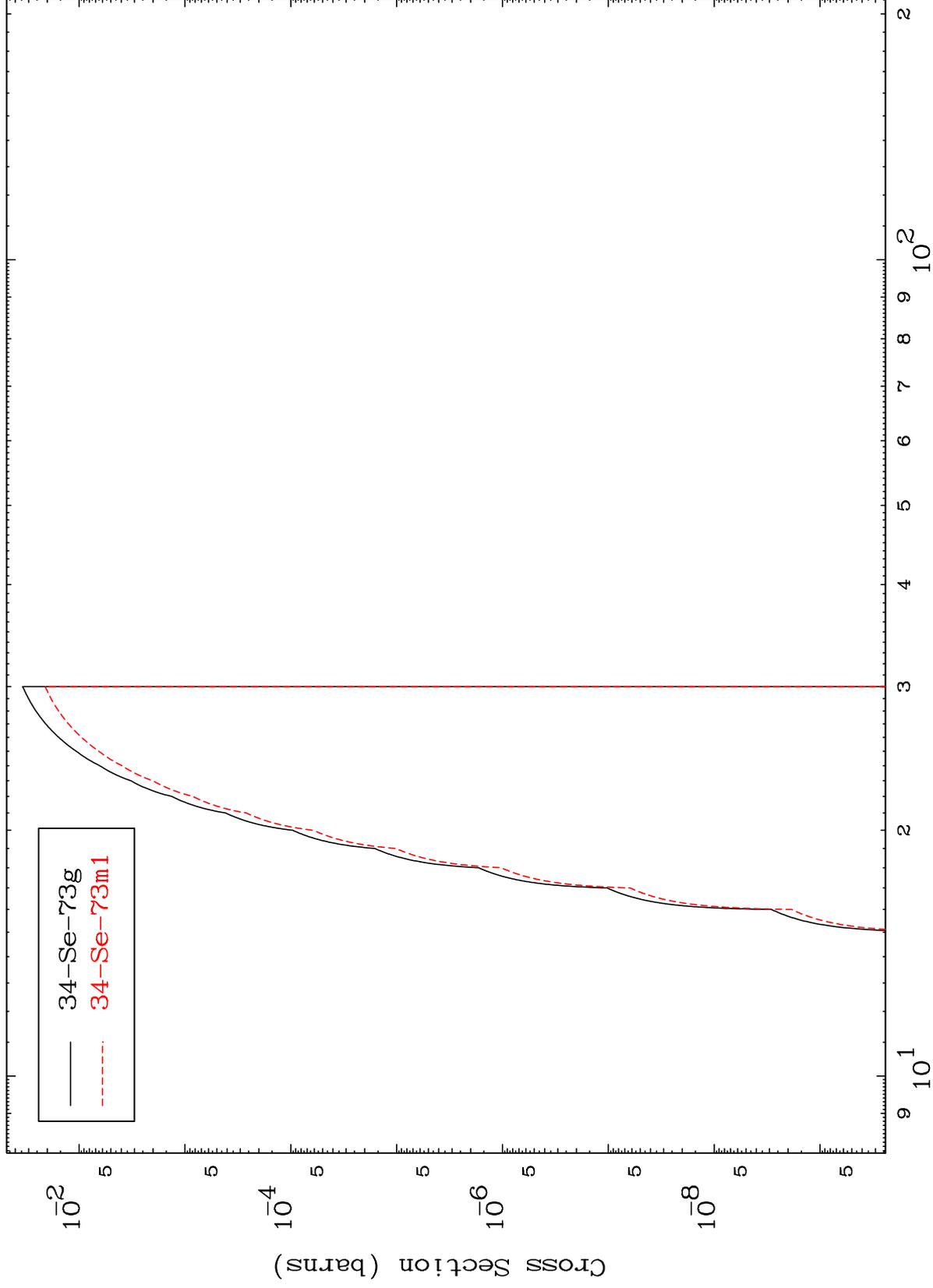
35-Br-76g
35-Br-76m2

MAT 3705

(n,n') p α

37-Rb-78m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

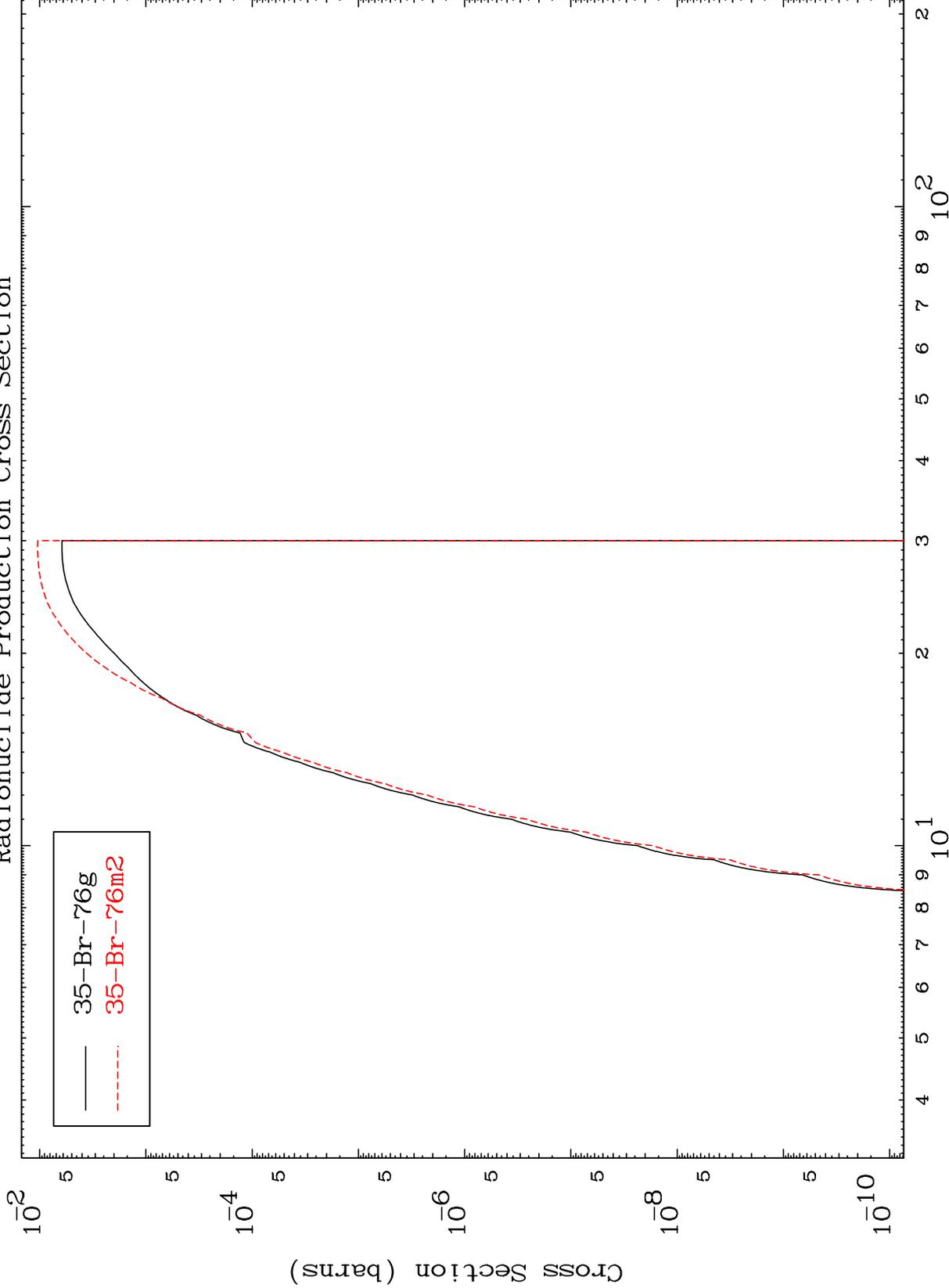
37-Rb-78m

MAT 3705

(n,He-3)

37-Rb-78m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

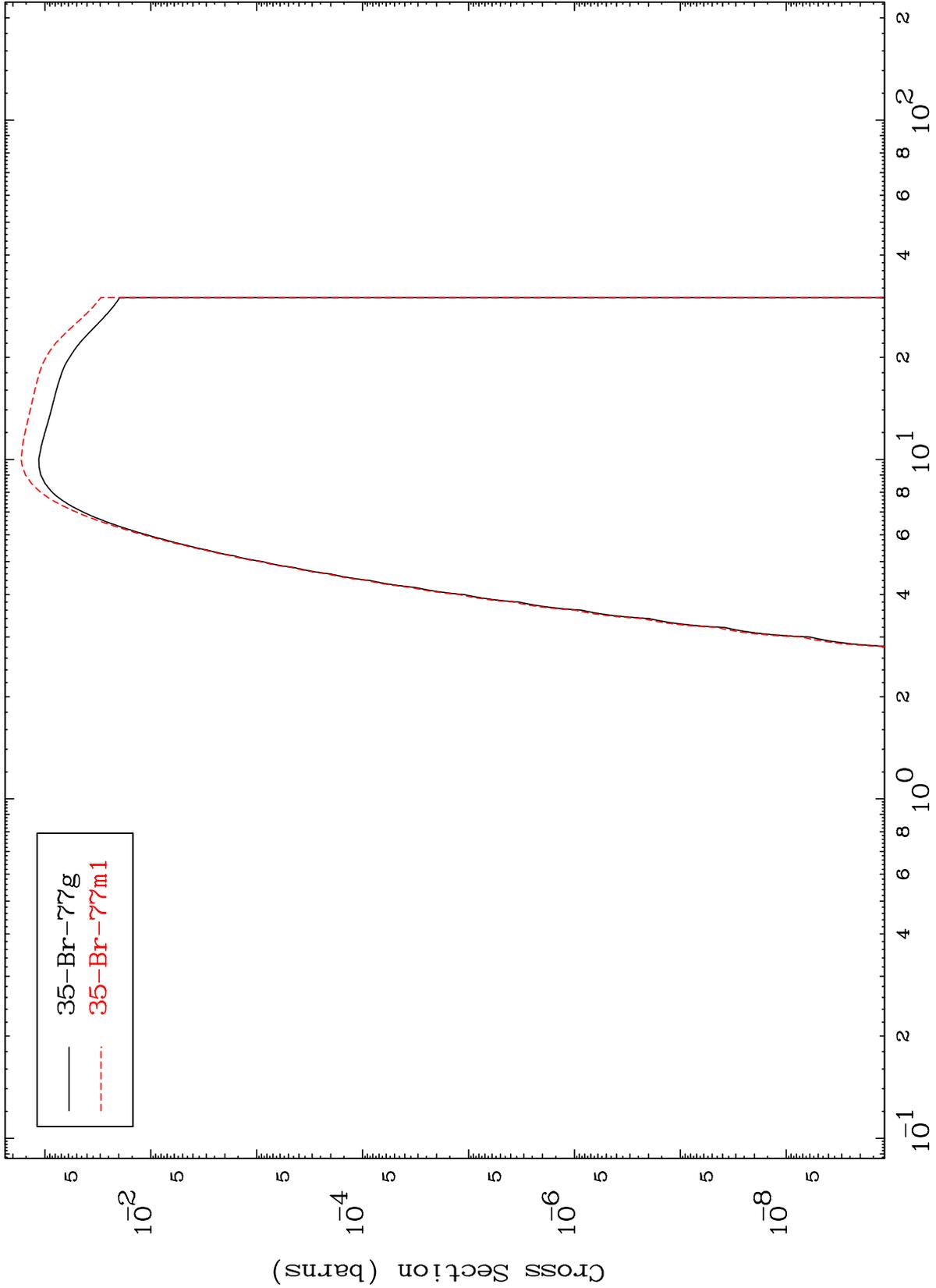
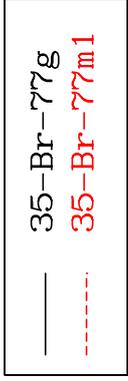
37-Rb-78m

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(n,2p)

37-Rb-78m

Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-78m

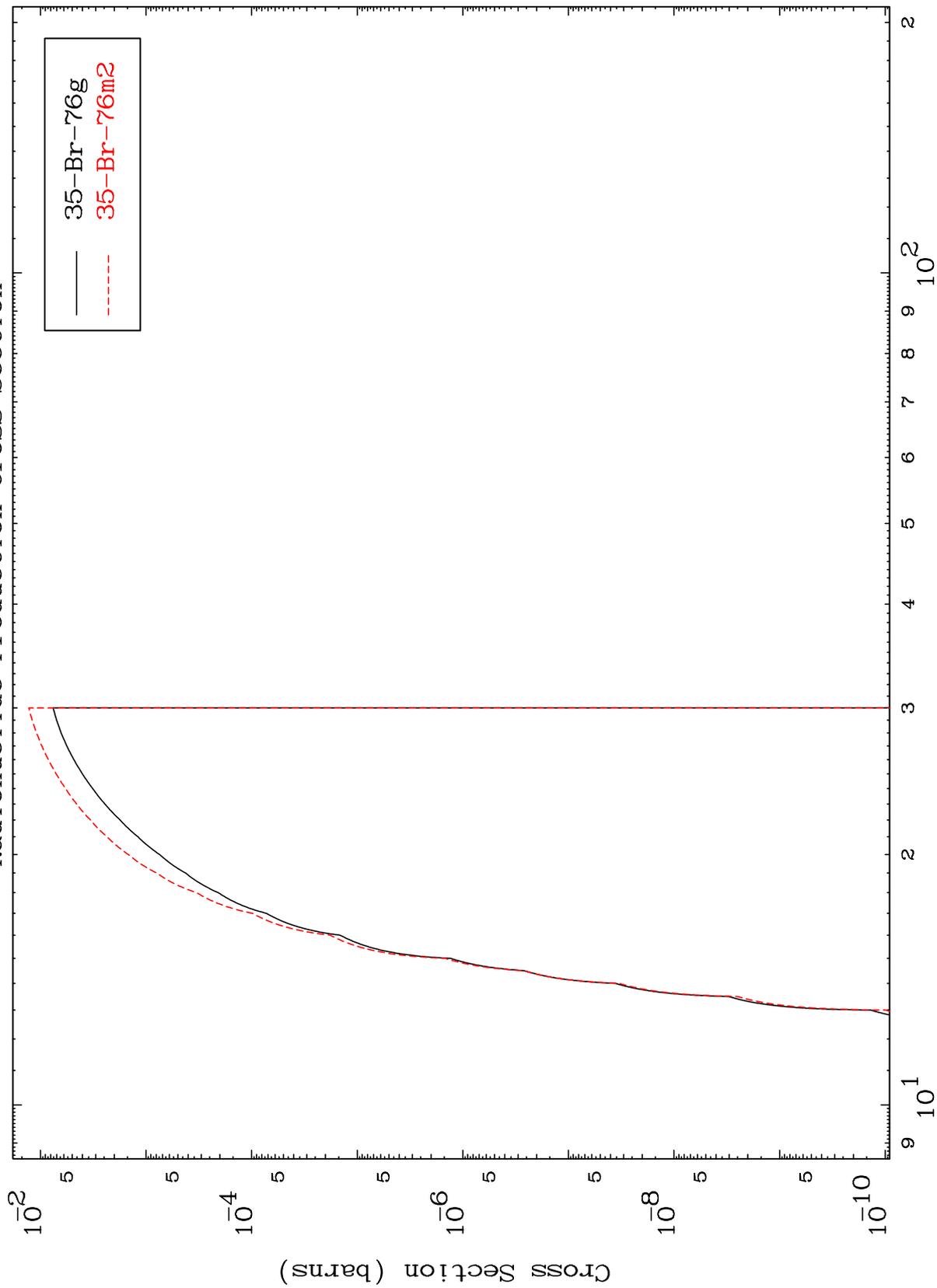
26

MAT 3705

(n,p) d

37-Rb-78m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

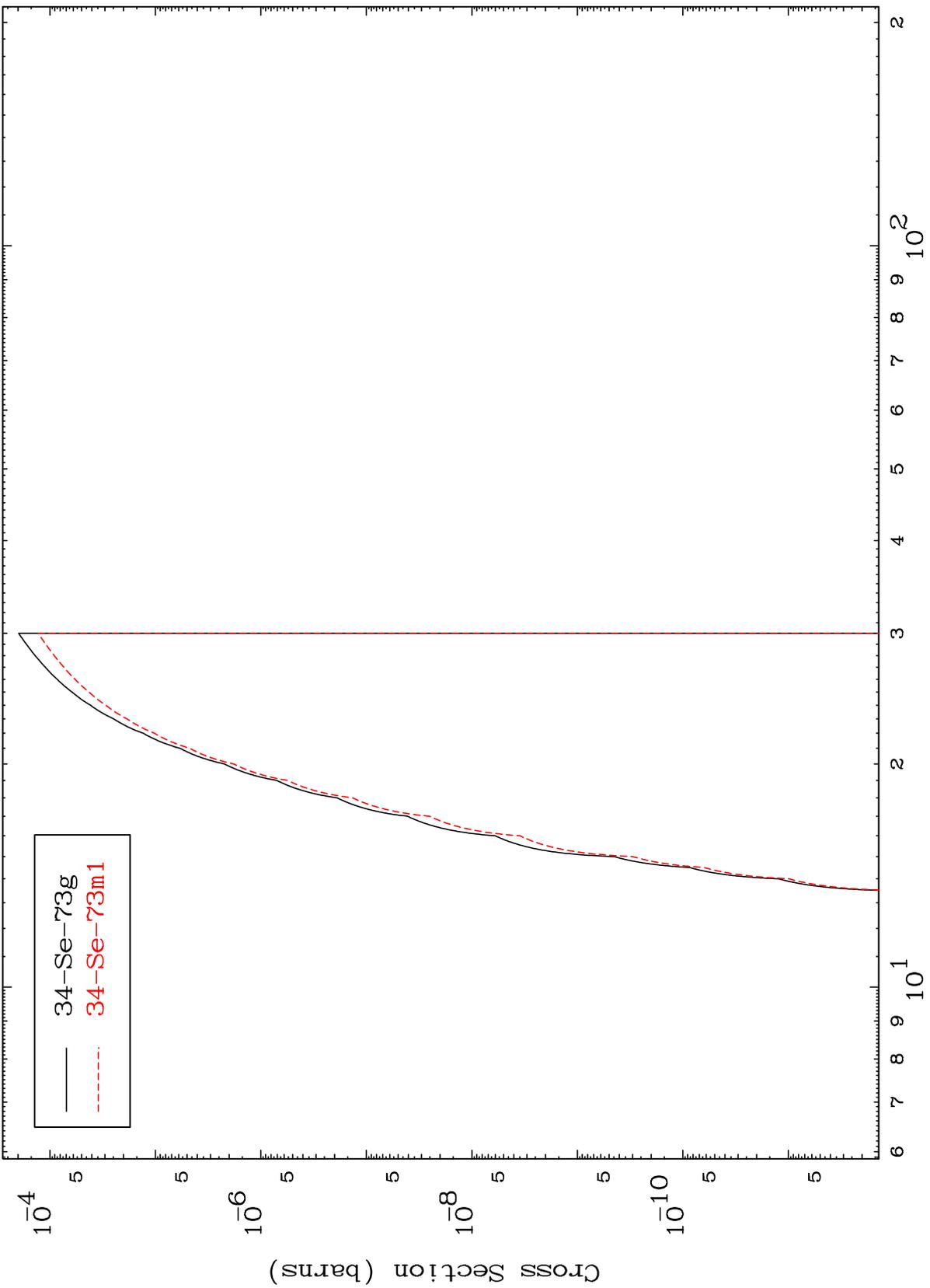
37-Rb-78m

MAT 3705

(n,d) α

37-Rb-78m

Radionuclide Production Cross Section



Legend:
— 34-Se-73g
- - - 34-Se-73m1