

Program EVALPLOT
(Version 2021-1)

by

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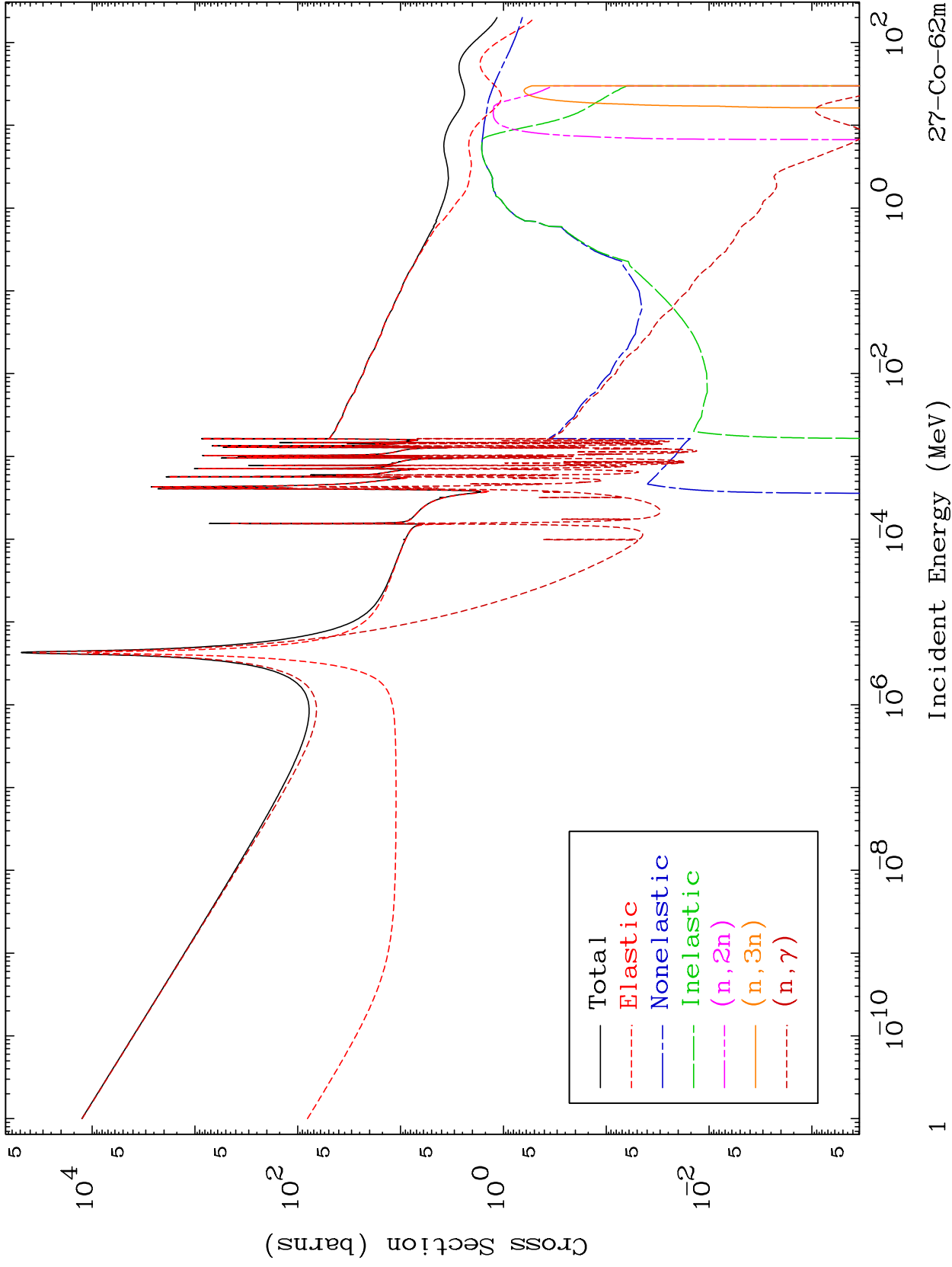
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2735

Neutron Major
293 Kelvin Cross Sections

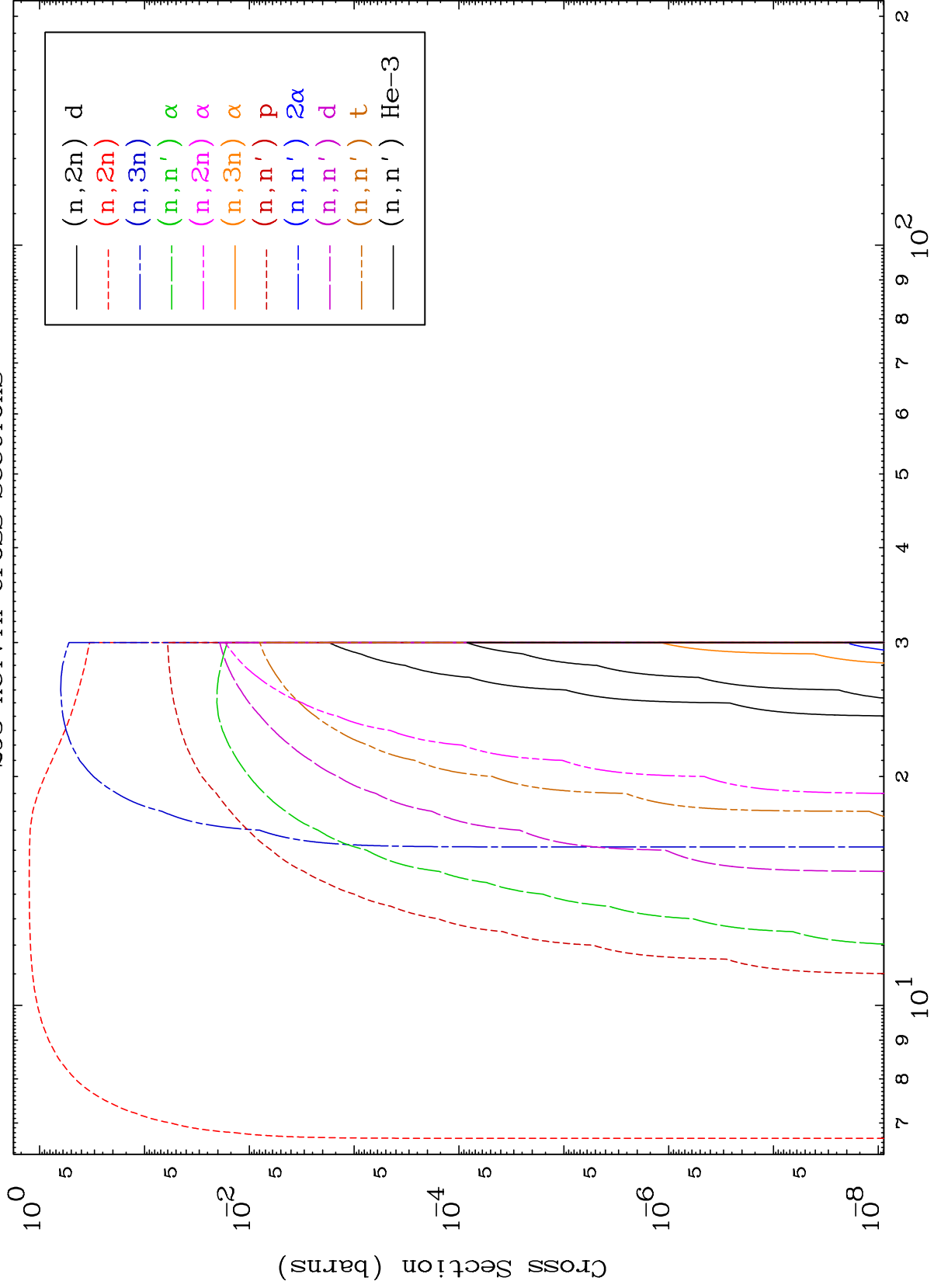
27-Co-62m



MAT 2735

Neutron Absorption
293 Kelvin Cross Sections

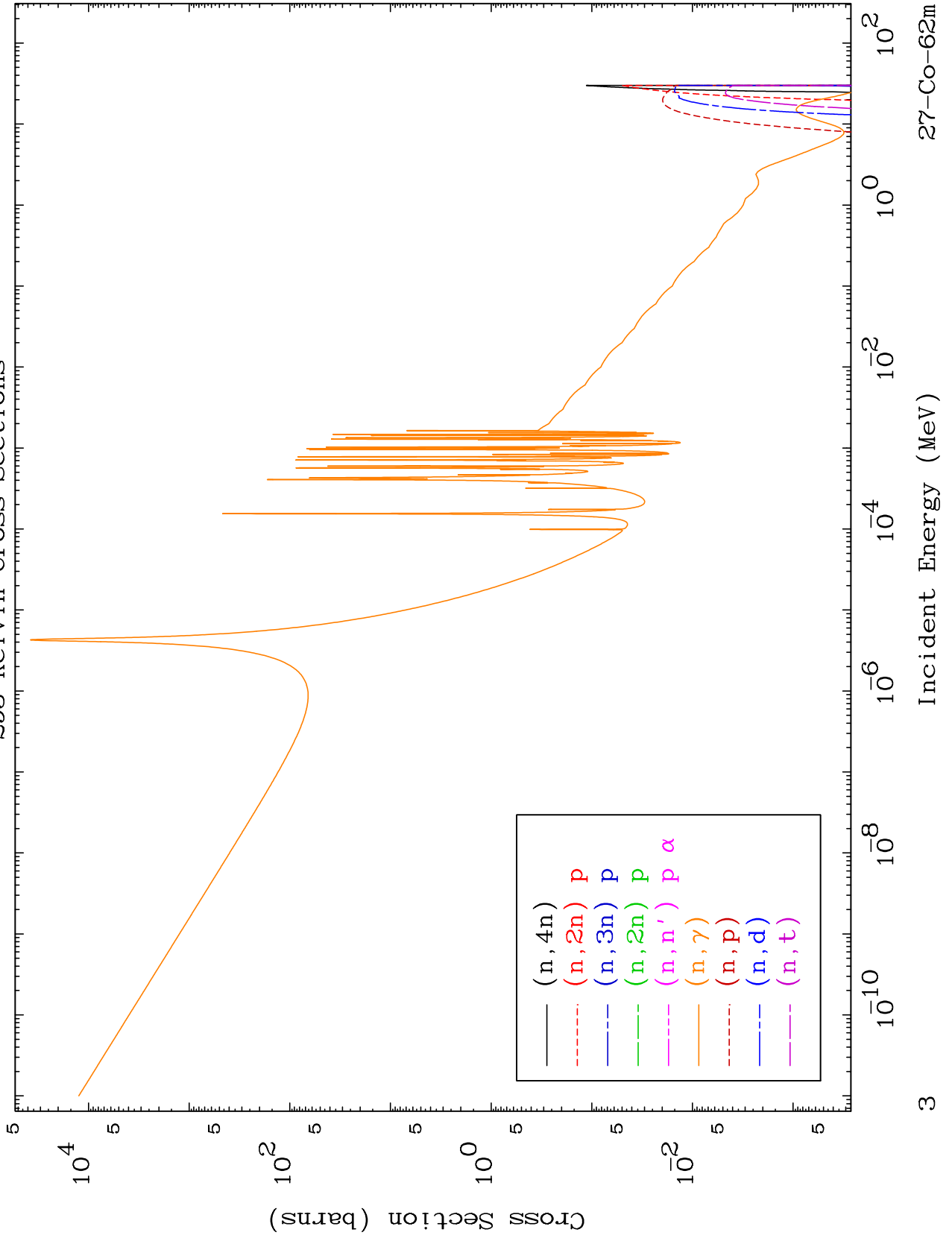
27-Co-62m



MAT 2735

Neutron Absorption
293 Kelvin Cross Sections

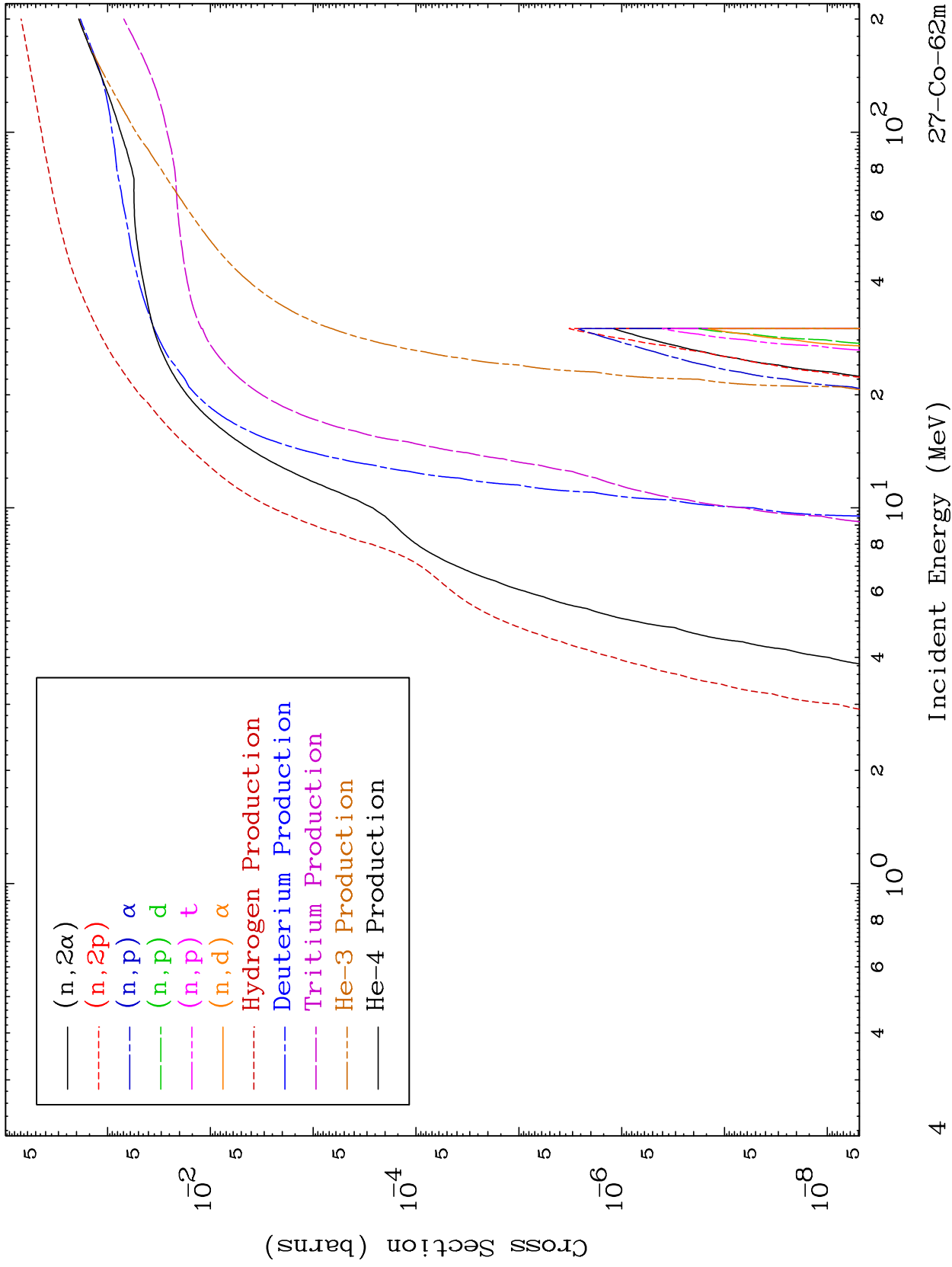
27-Co-62m



MAT 2735

Neutron Absorption
293 Kelvin Cross Sections

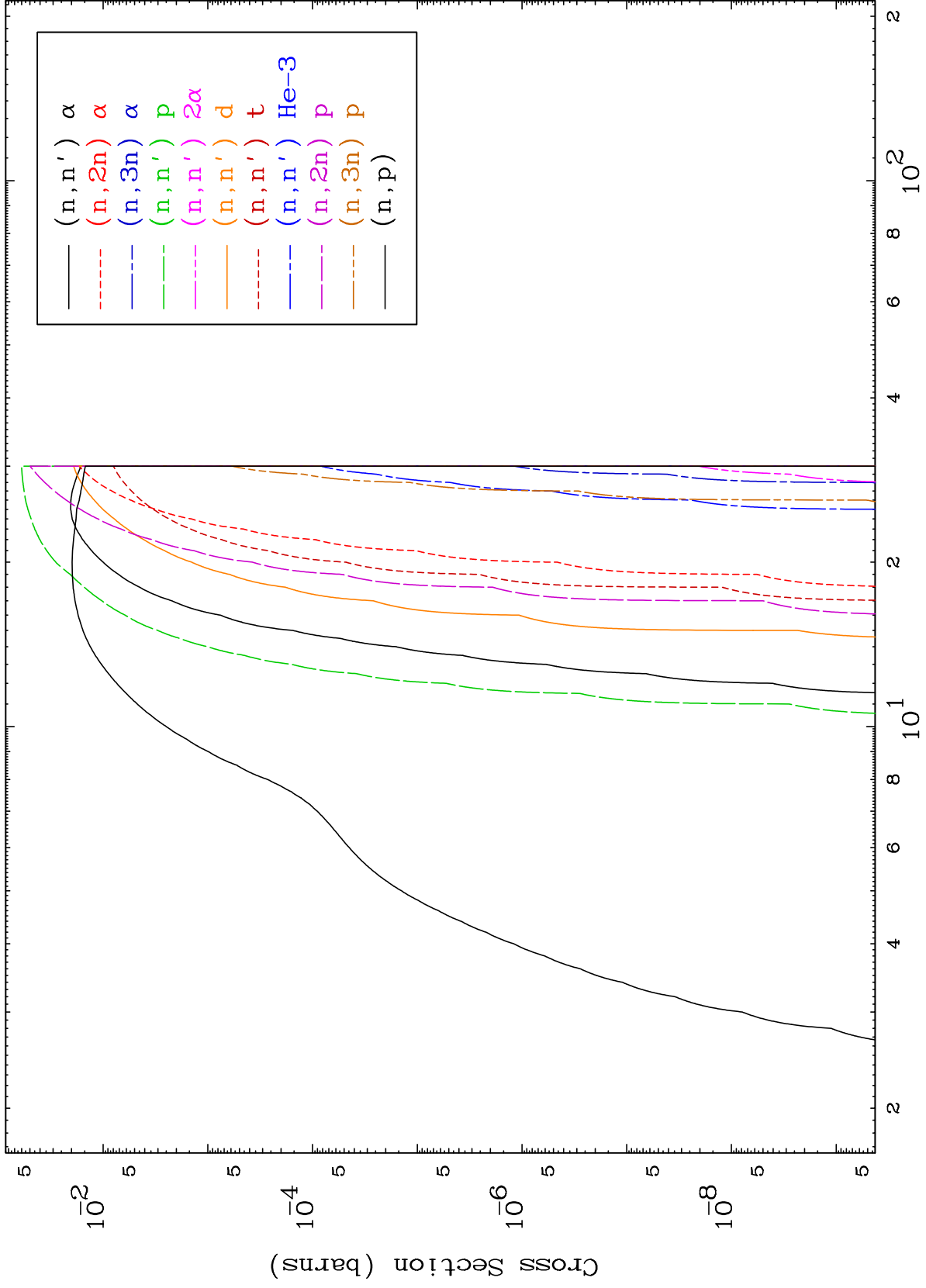
27-Co-62m



MAT 2735

Charged Particle
293 Kelvin Cross Sections

27-Co-62m



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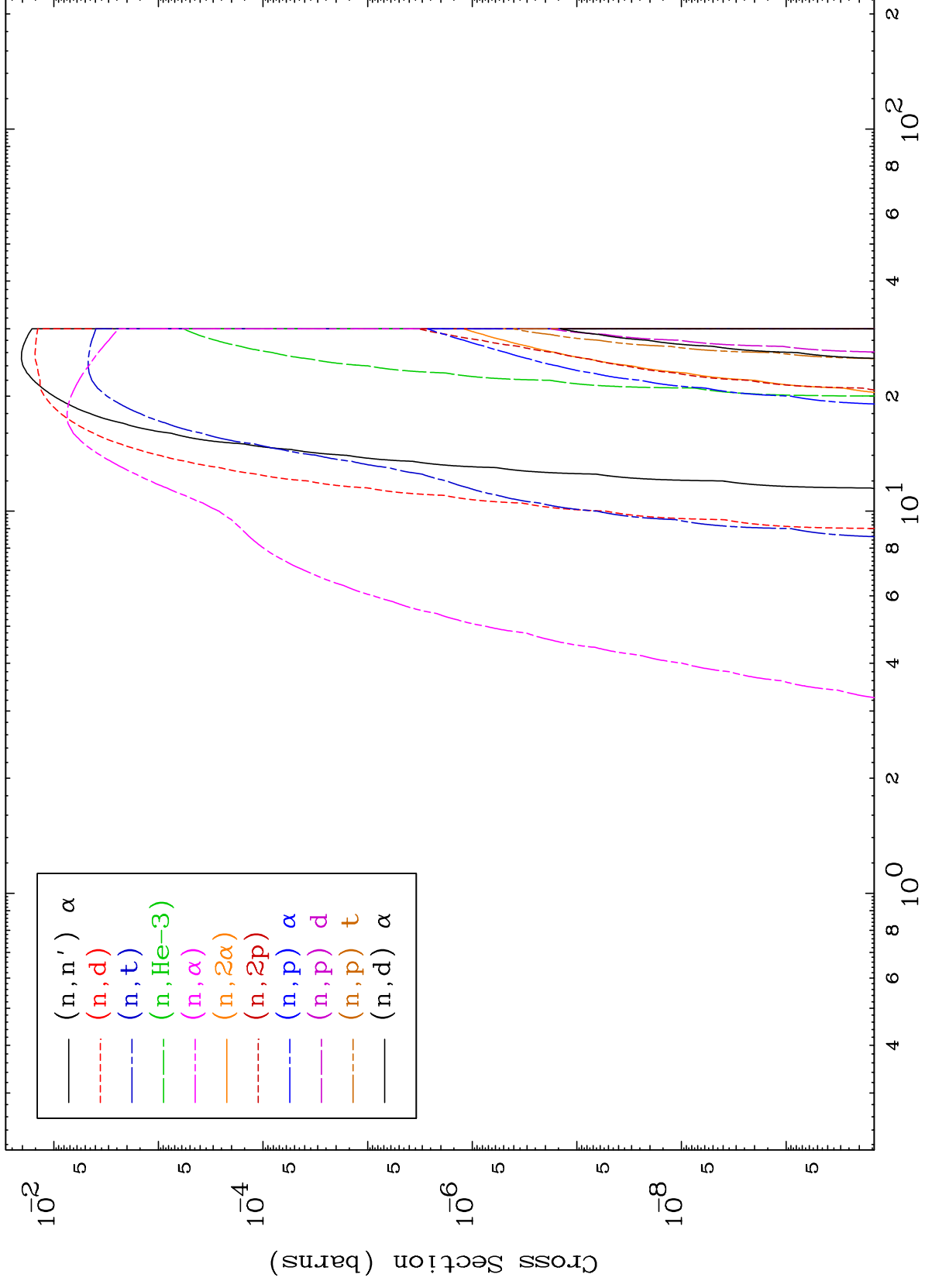
Incident Energy (MeV)

27-Co-62m

MAT 2735

Charged Particle
293 Kelvin Cross Sections

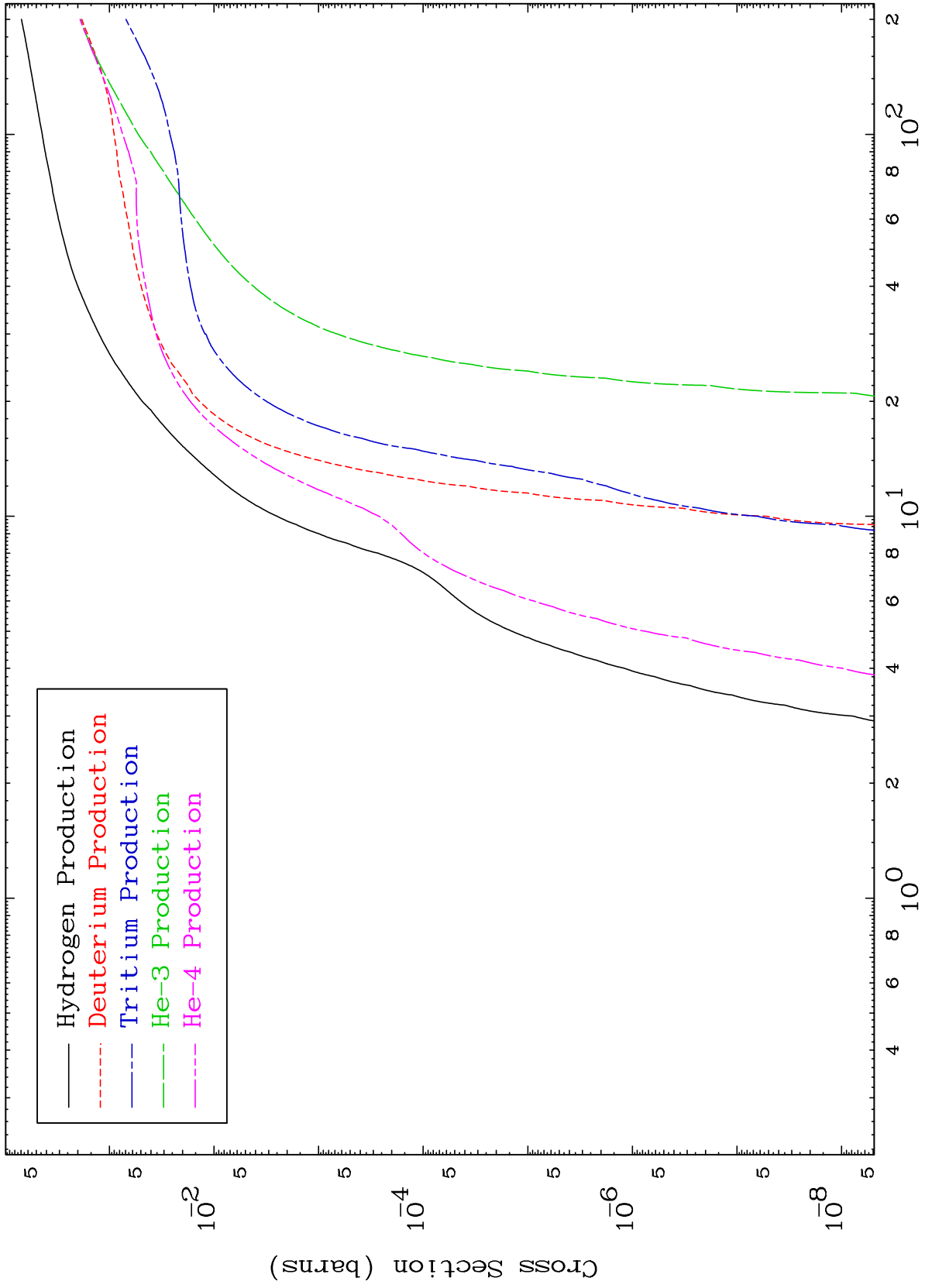
27-Co-62m



MAT 2735

Particle Production
293 Kelvin Cross Sections

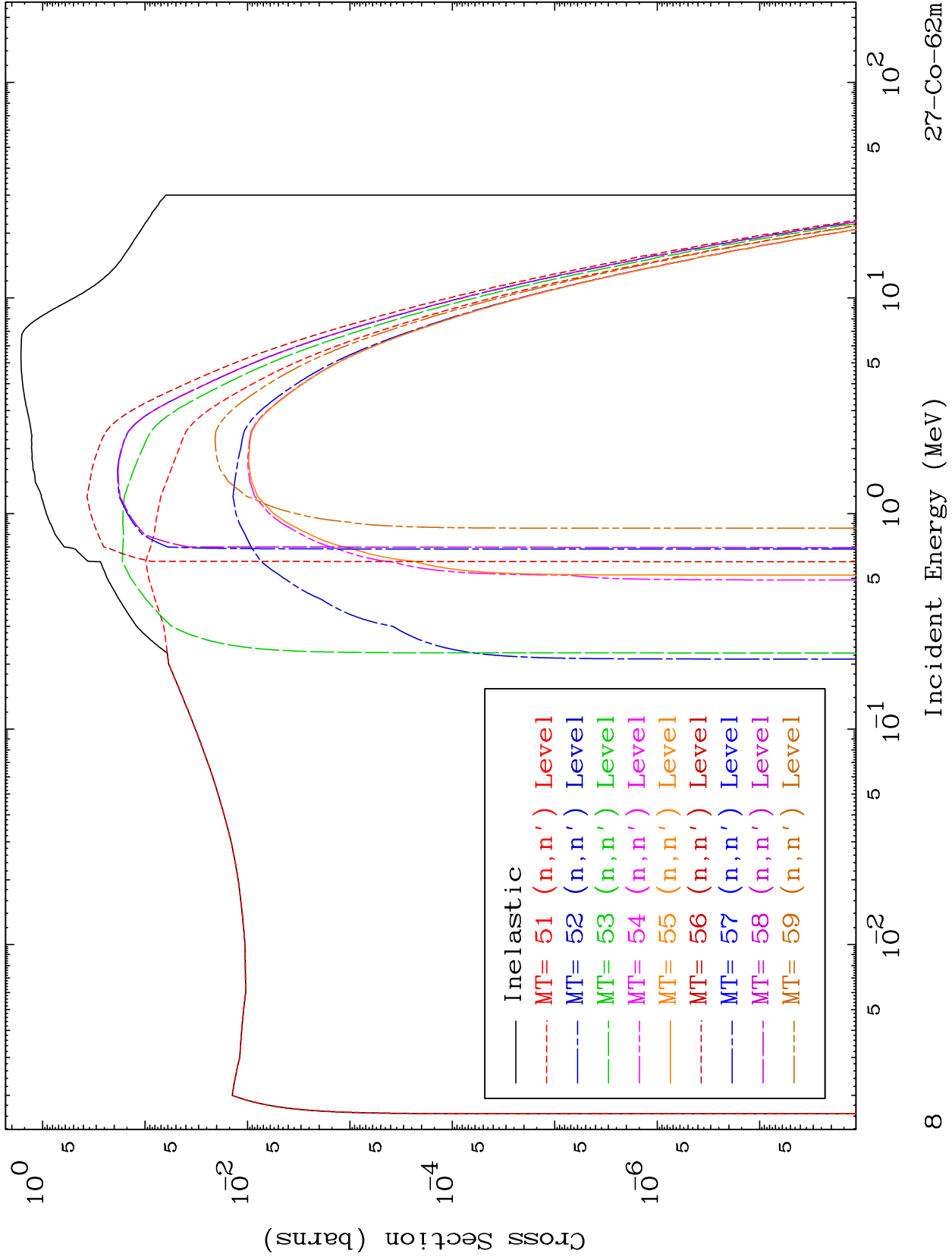
27-Co-62m



MAT 2735

293 Kelvin Cross Sections
(n,n') Levels

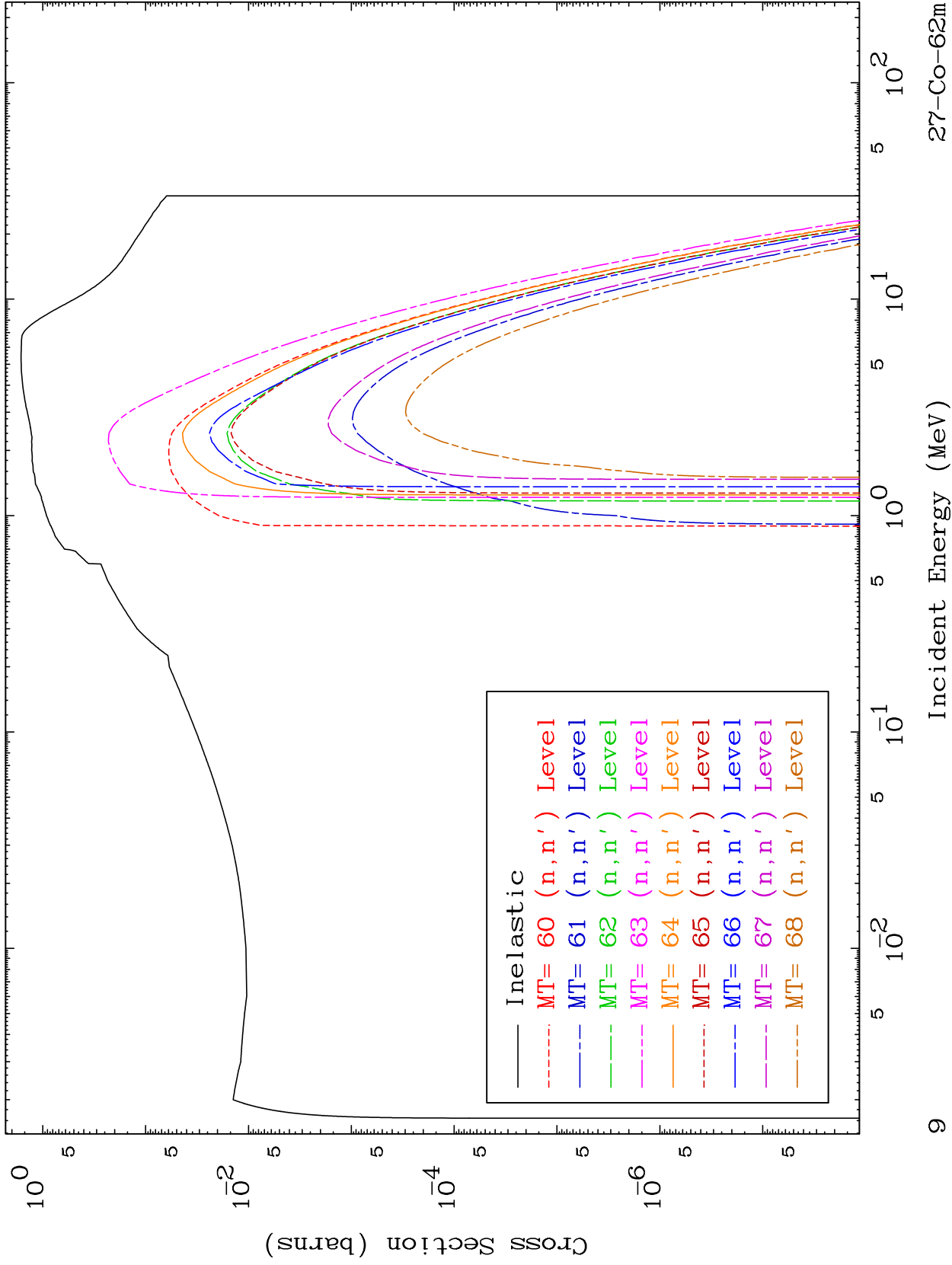
27-Co-62m



MAT 2735

(n,n') Levels
293 Kelvin Cross Sections

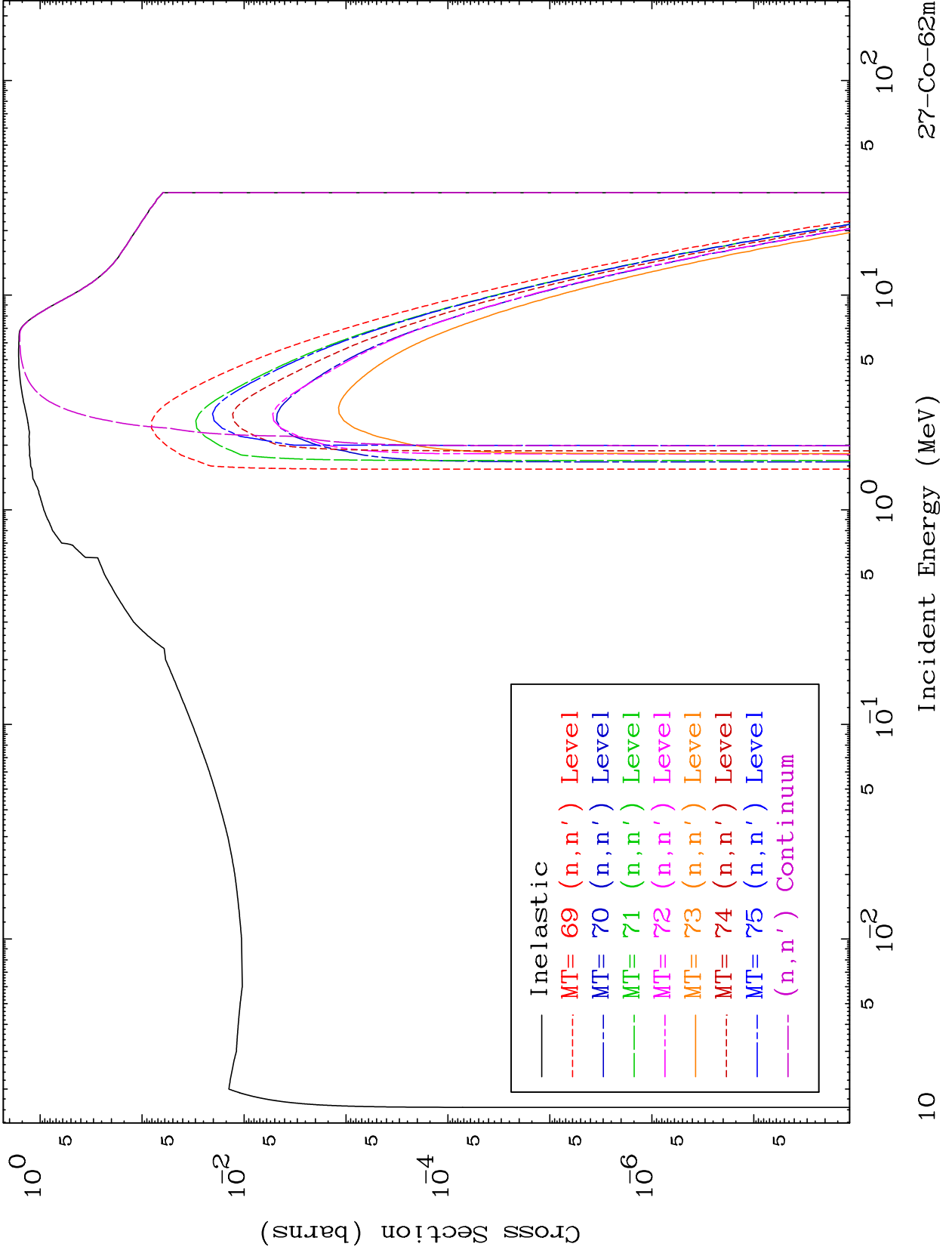
27-Co-62m



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293 Kelvin Cross Sections
(n, n') Levels

27-Co-62m

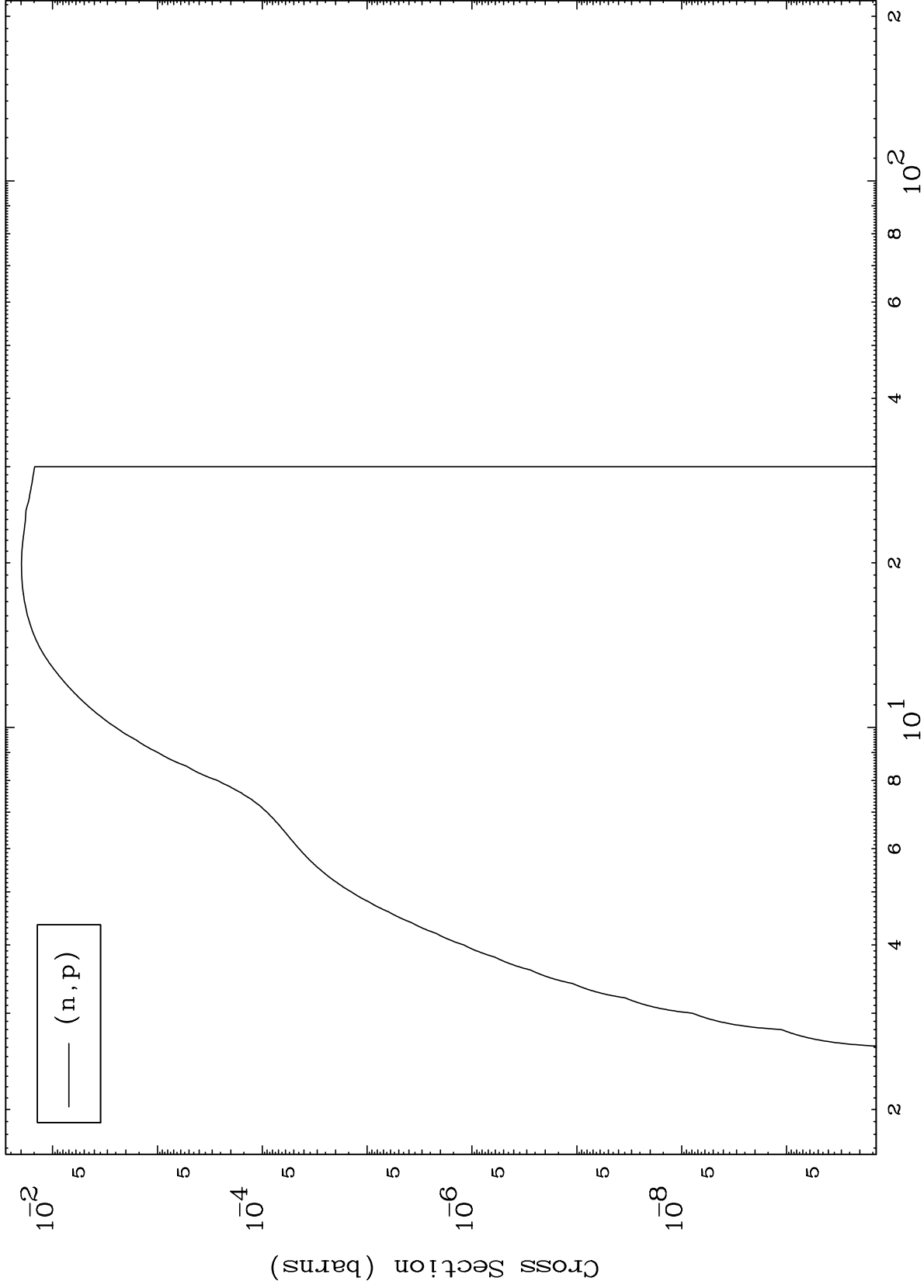


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(n,p) Levels
293 Kelvin Cross Sections

27-Co-62m



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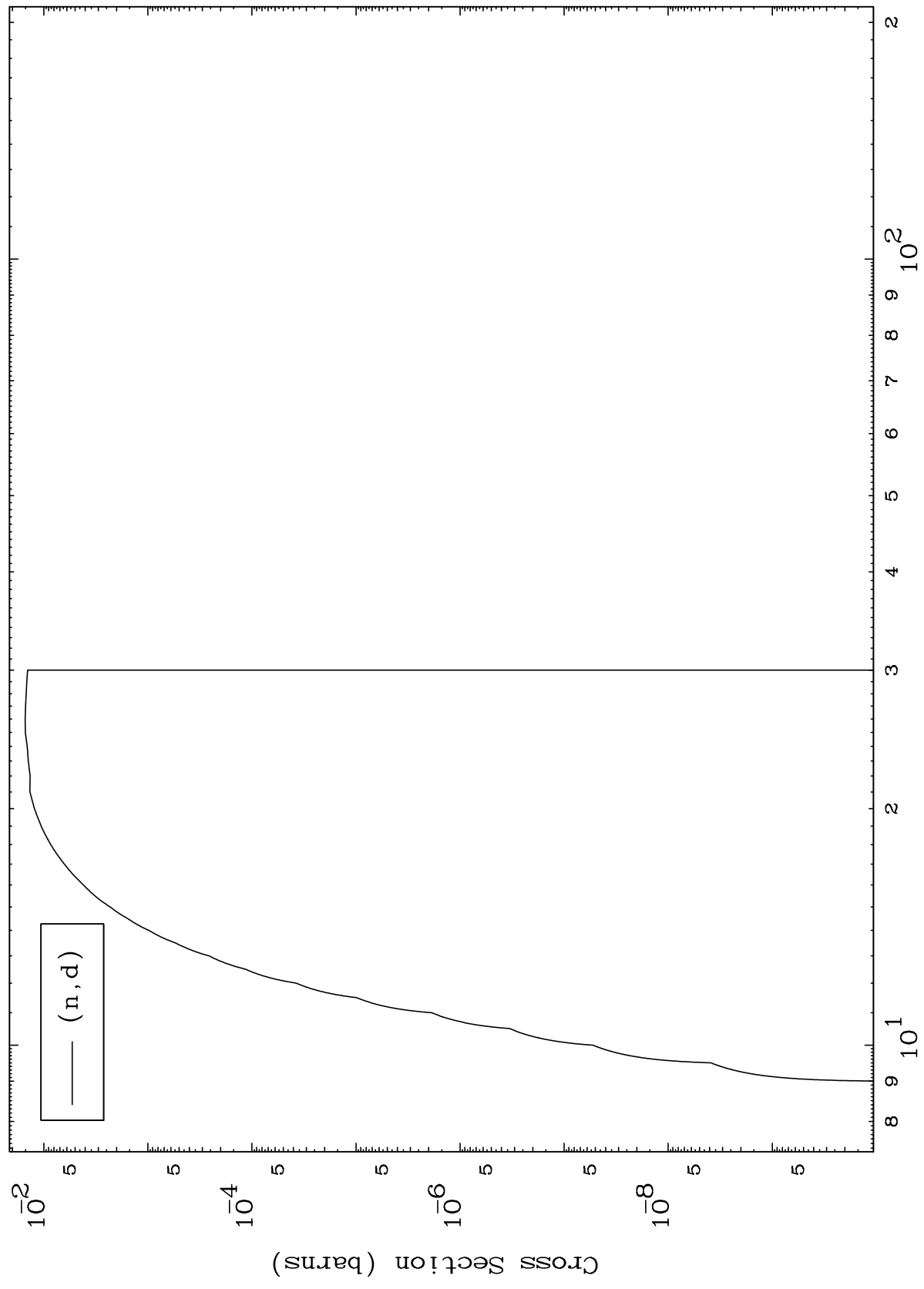
Incident Energy (MeV)

27-Co-62m

MAT 2735

(n,d) Levels
293 Kelvin Cross Sections

27-Co-62m



12

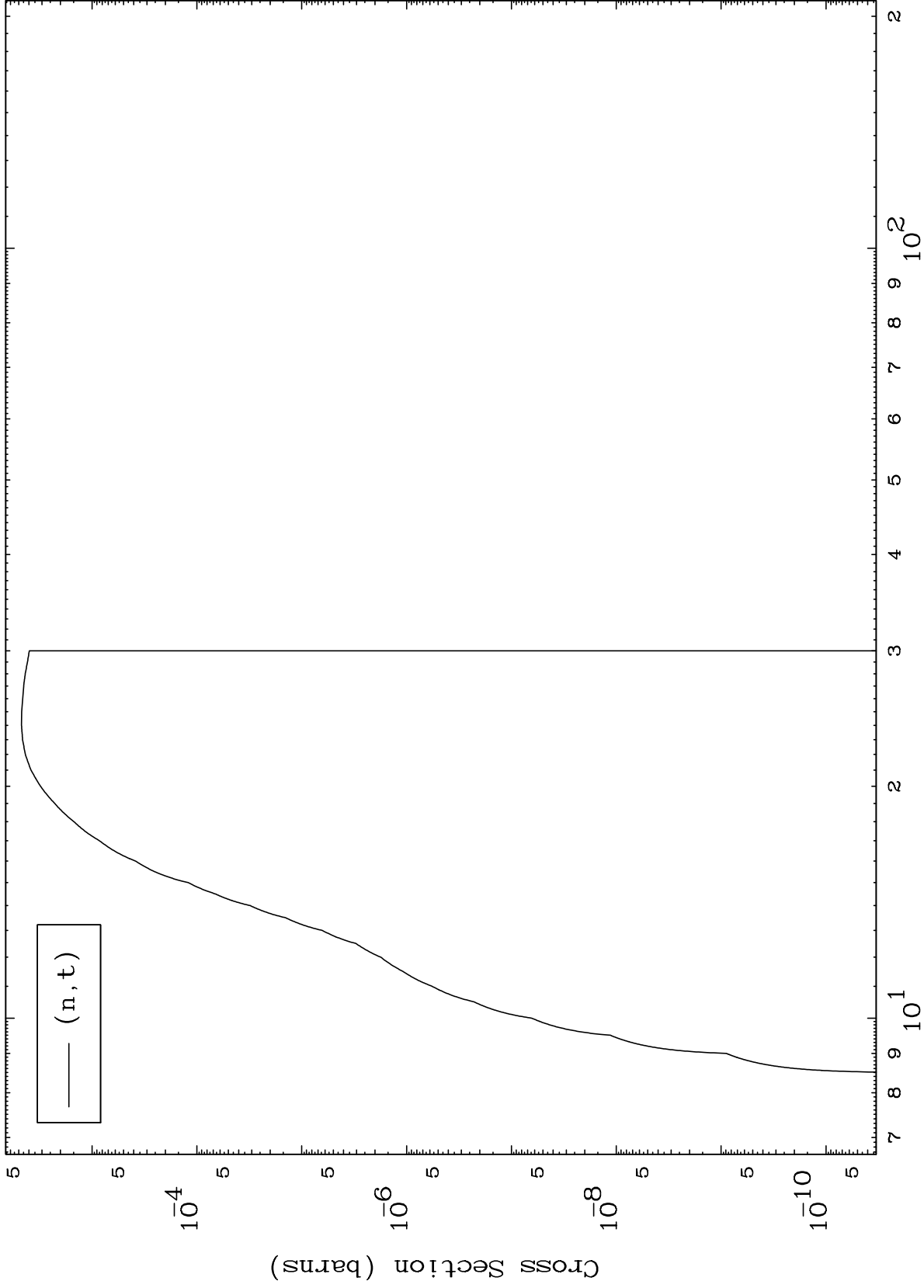
Incident Energy (MeV)

27-Co-62m

MAT 2735

(n,t) Levels
293 Kelvin Cross Sections

27-Co-62m



13

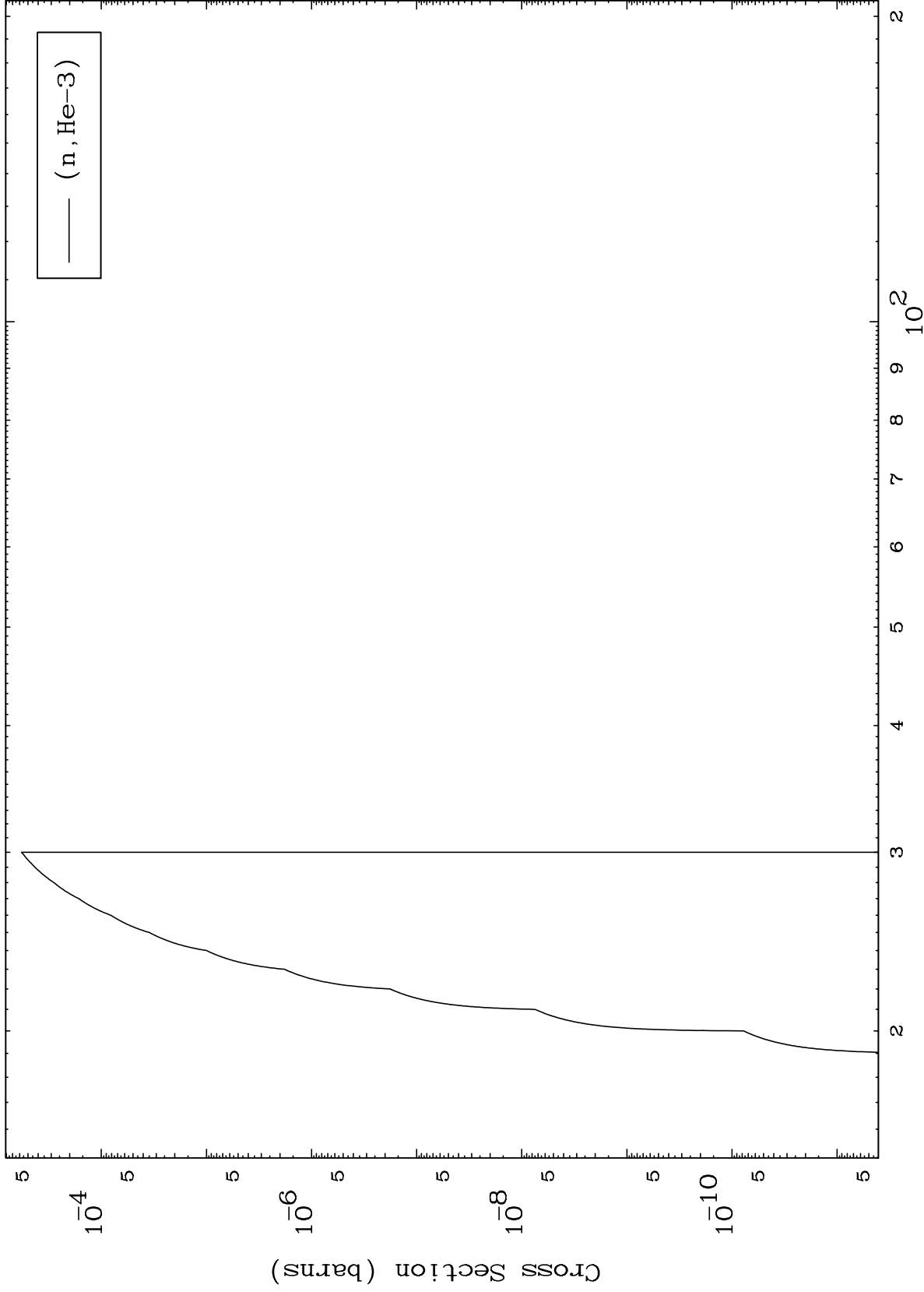
Incident Energy (MeV)

27-Co-62m

MAT 2735

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-62m



14

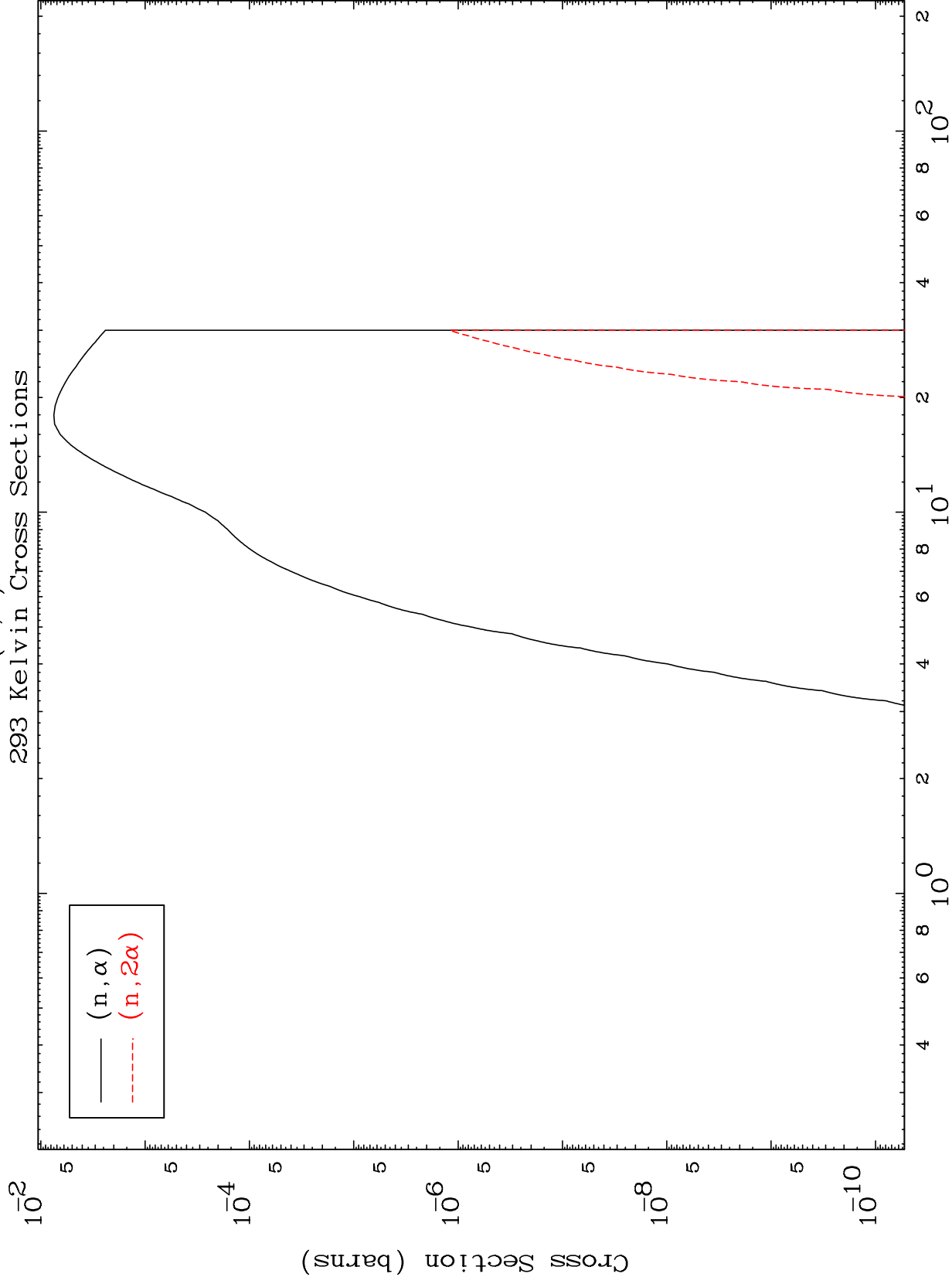
Incident Energy (MeV)

27-Co-62m

MAT 2735

(n, α) Levels
293 Kelvin Cross Sections

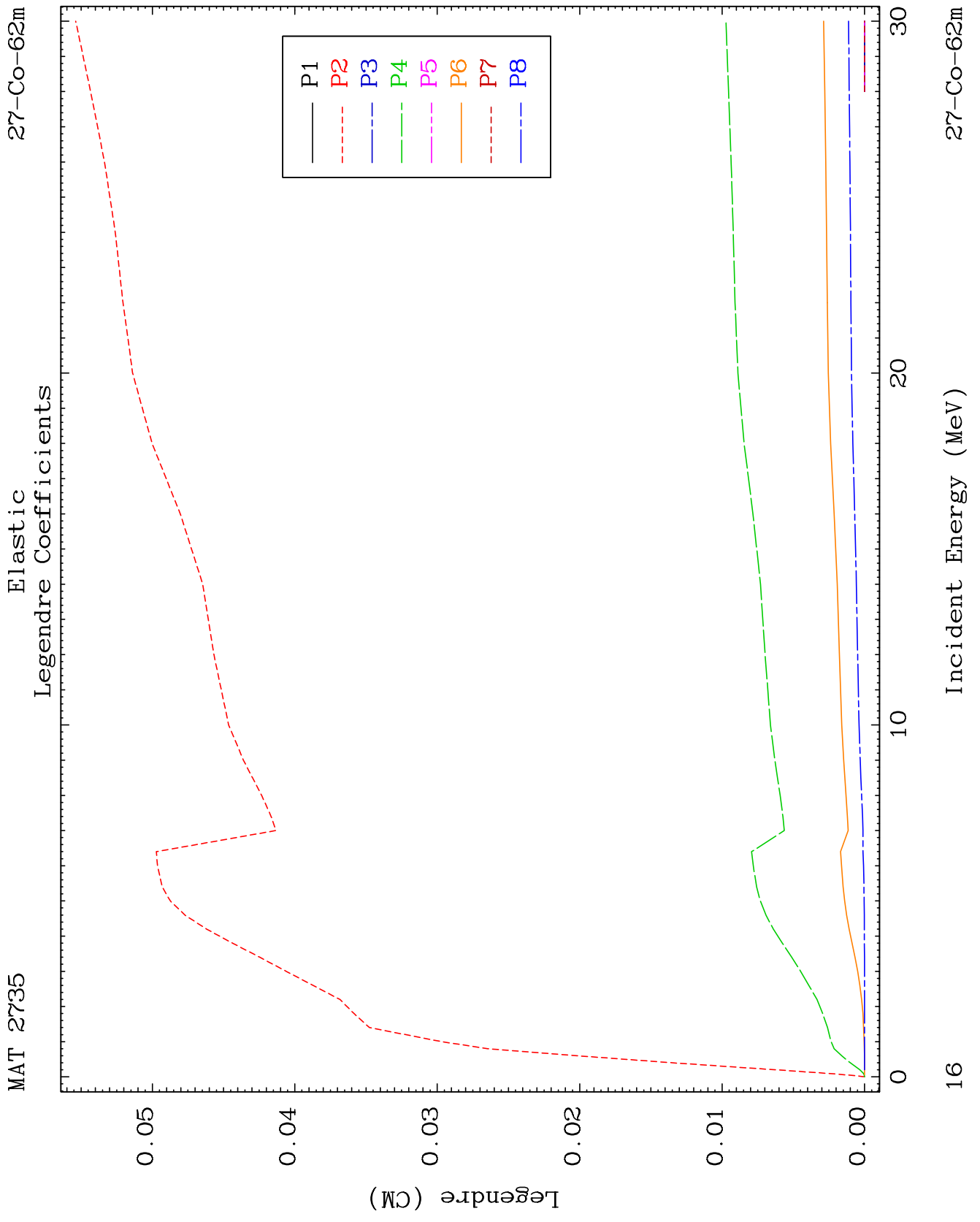
27-Co-62m



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Incident Energy (MeV)

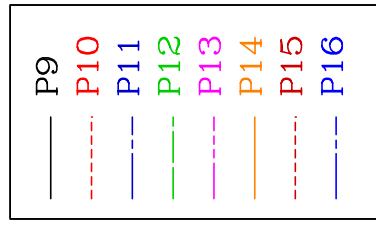
27-Co-62m



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Elastic Legendre Coefficients

27-Co-62m



$\times 10^{-4}$

Legendre (CM)



17

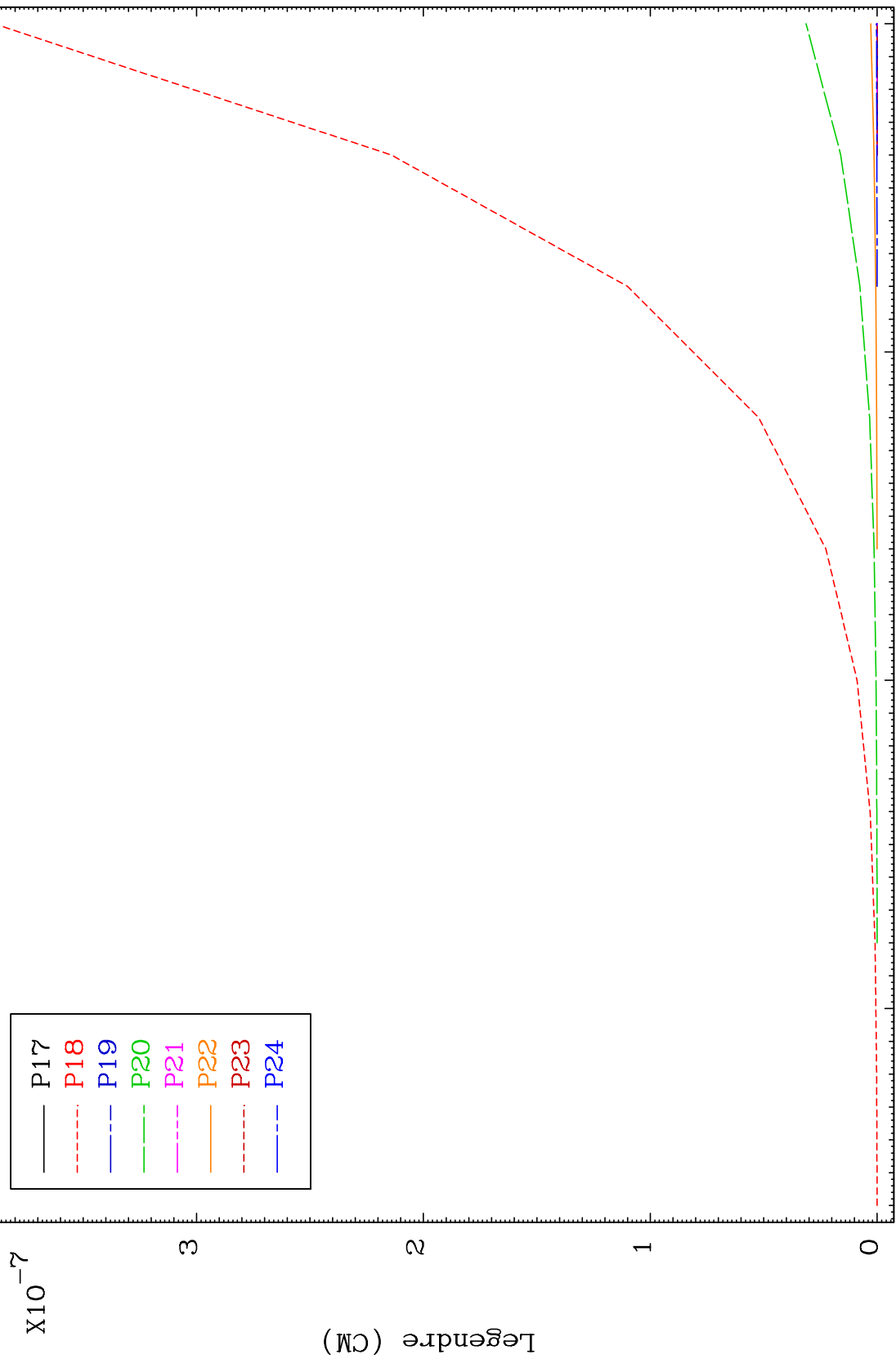
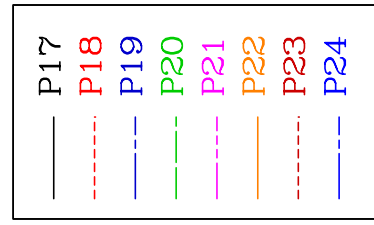
Incident Energy (MeV)

27-Co-62m

MAT 2735

Elastic
Legendre Coefficients

27-Co-62m



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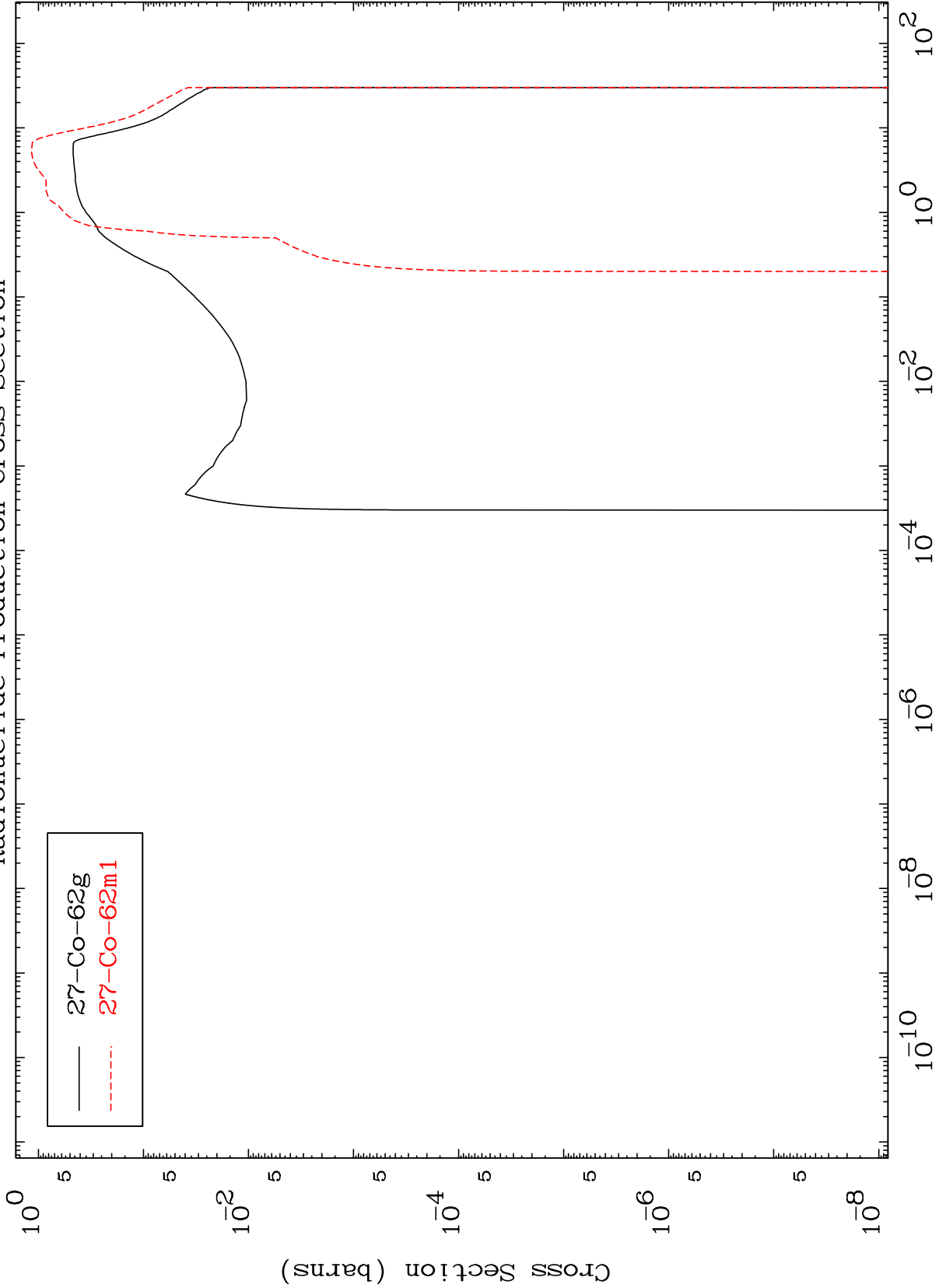
Incident Energy (MeV)

27-Co-62m

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Inelastic
Radionuclide Production Cross Section

²⁷Co-62m



— 27-Co-62g
- - - 27-Co-62m1

Incident Energy (MeV)

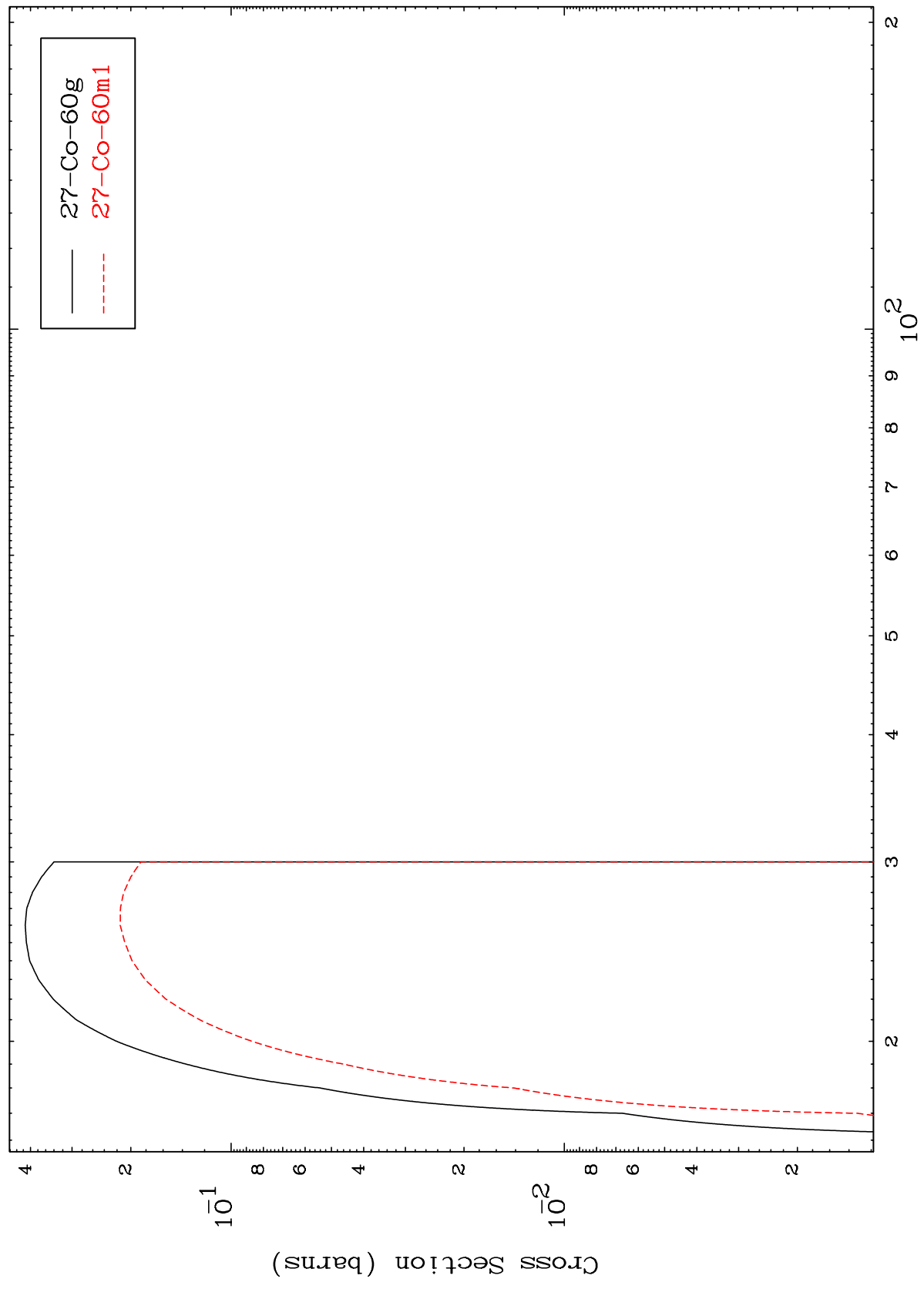
²⁷Co-62m

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(n,3n)

27-Co-62m

Radionuclide Production Cross Section



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Incident Energy (MeV)

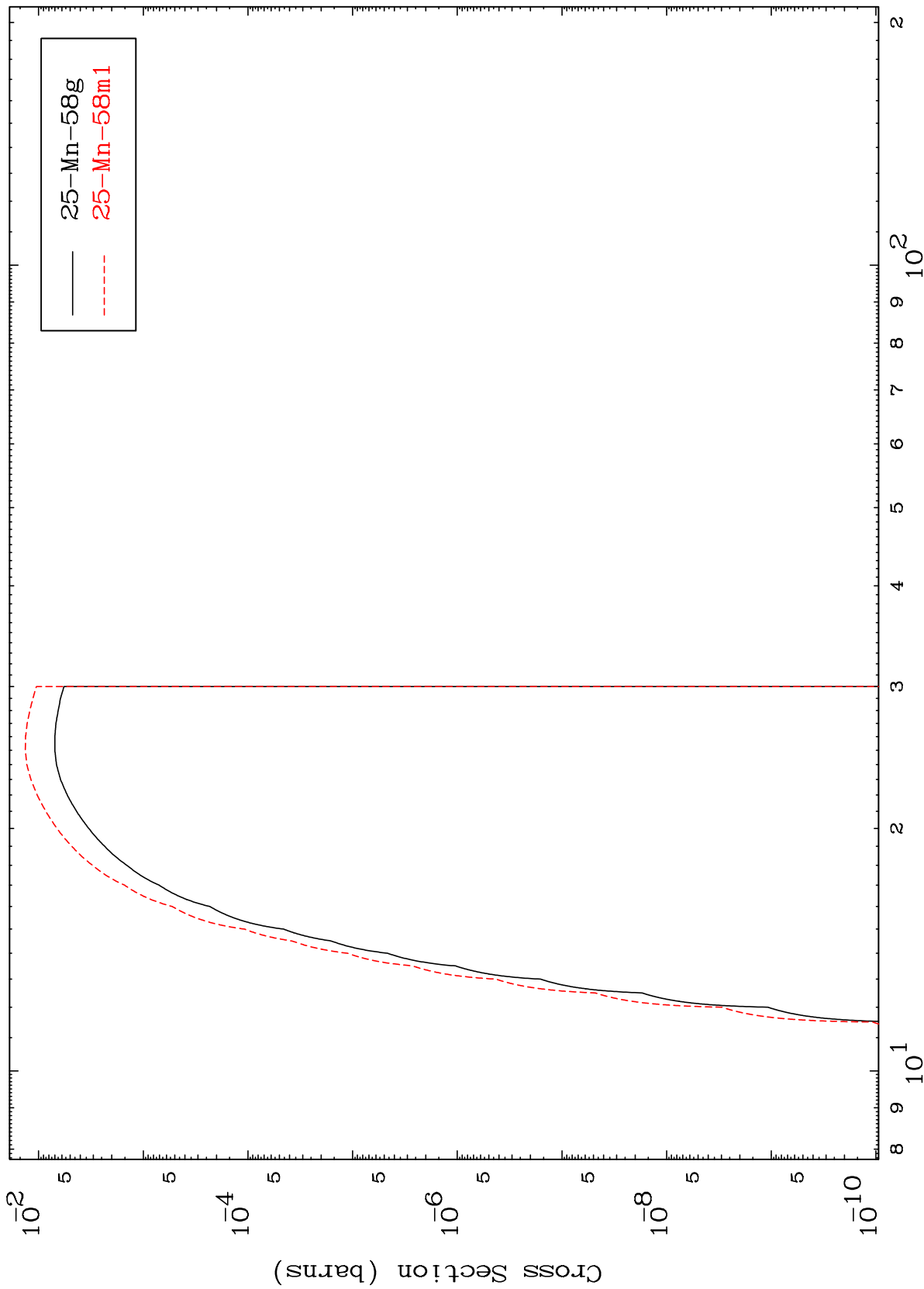
27-Co-62m

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$(n, n') \alpha$

$^{27}\text{Co-62m}$

Radionuclide Production Cross Section



21

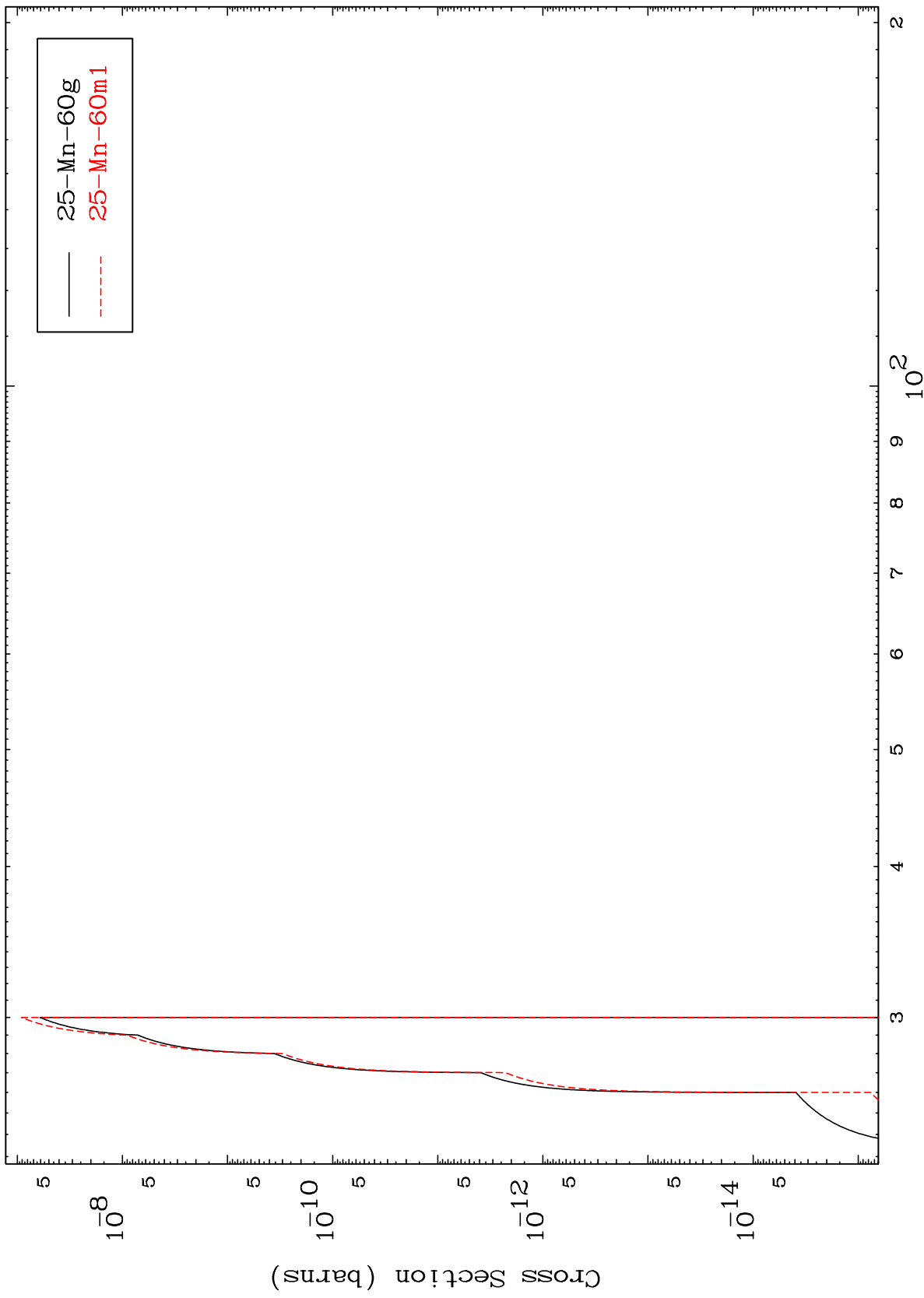
Incident Energy (MeV)

$^{27}\text{Co-62m}$

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27-Co-62m

(n,2n) p
Radionuclide Production Cross Section



27-Co-62m

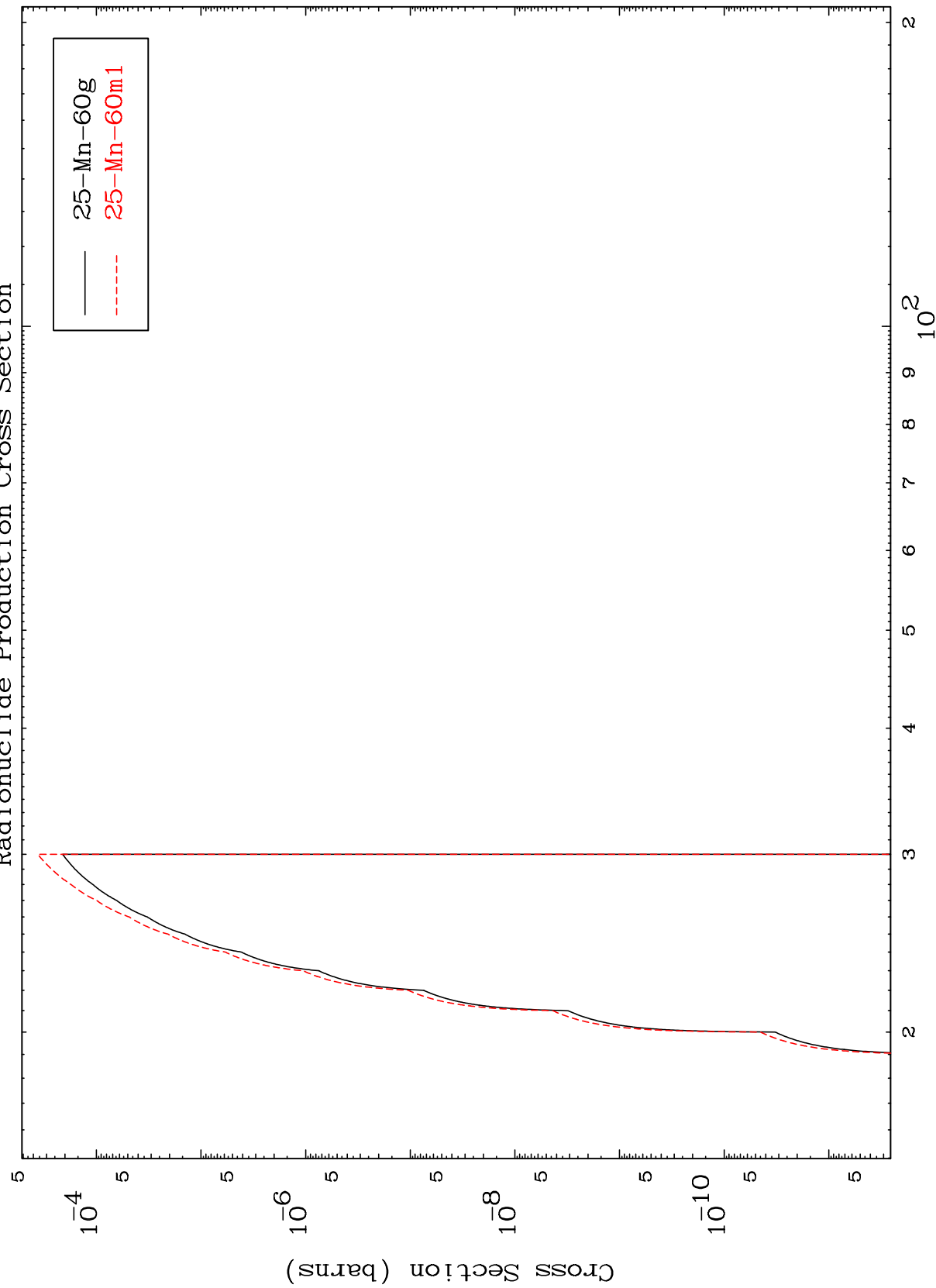
Incident Energy (MeV)

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27-Co-62m

(n,He-3)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

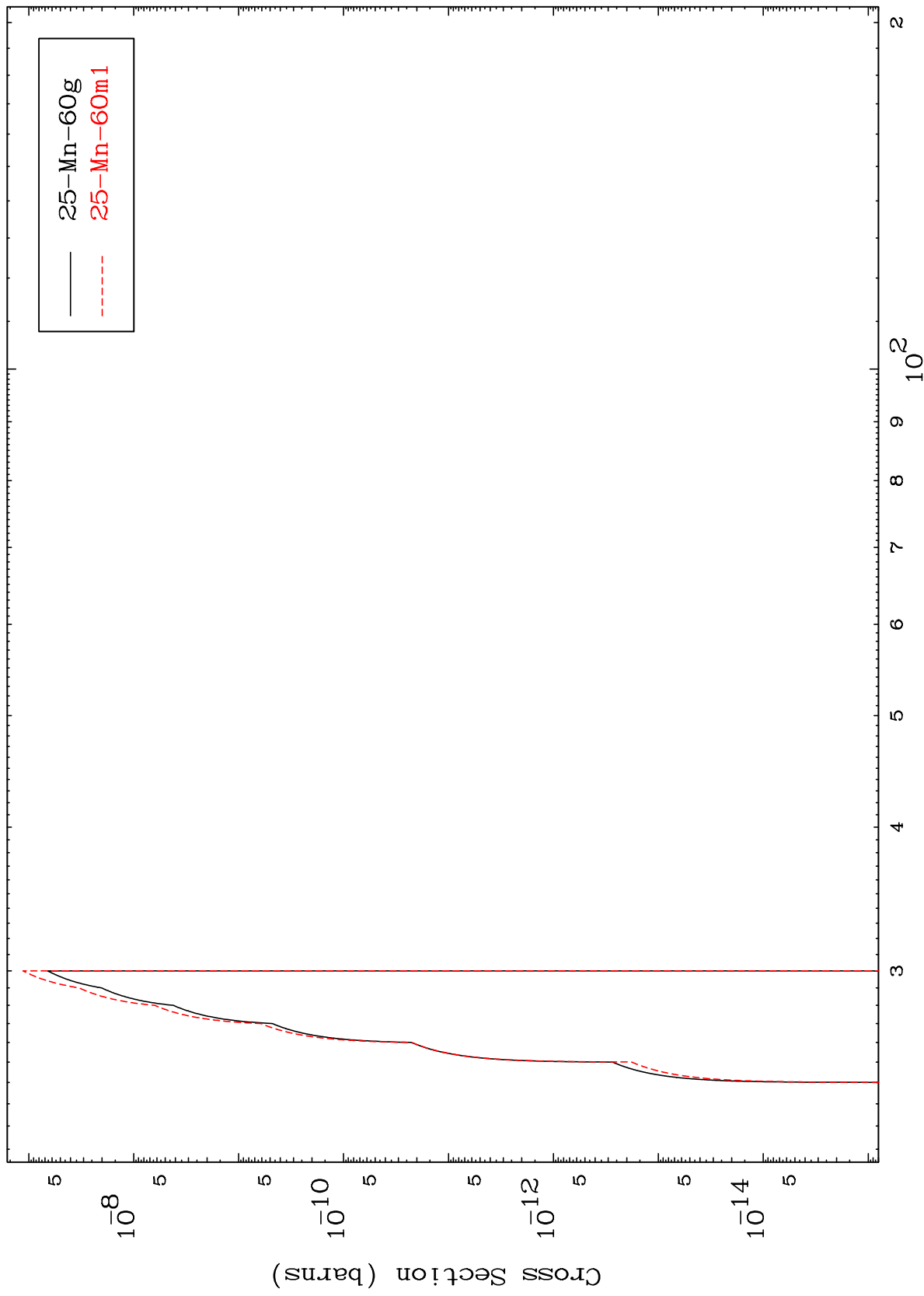
27-Co-62m

MAT 2735

(n,p) d

27-Co-62m

Radionuclide Production Cross Section



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Incident Energy (MeV)

27-Co-62m