

Program EVALPLOT
(Version 2021-1)

by

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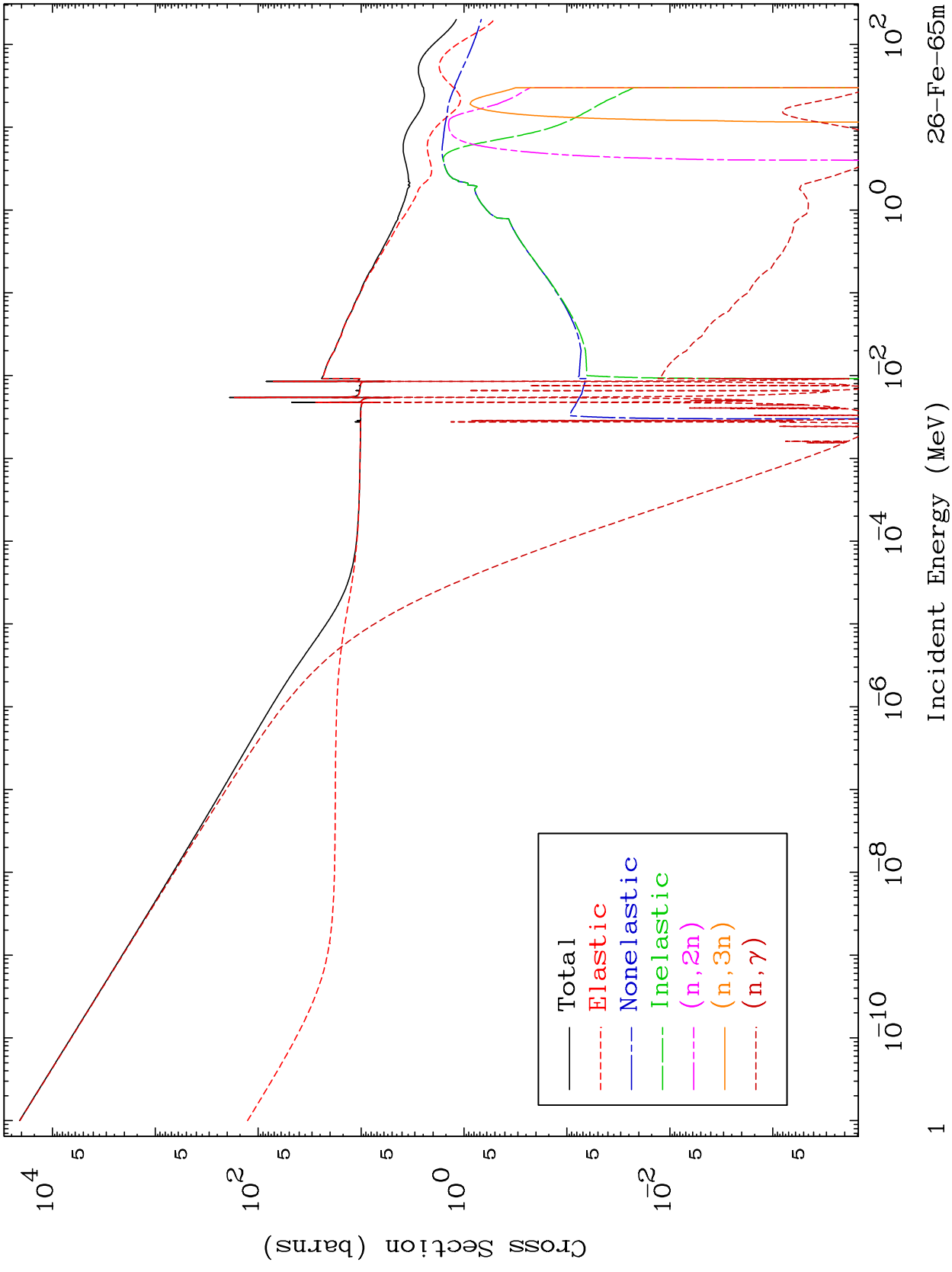
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2659

Neutron Major
293 Kelvin Cross Sections

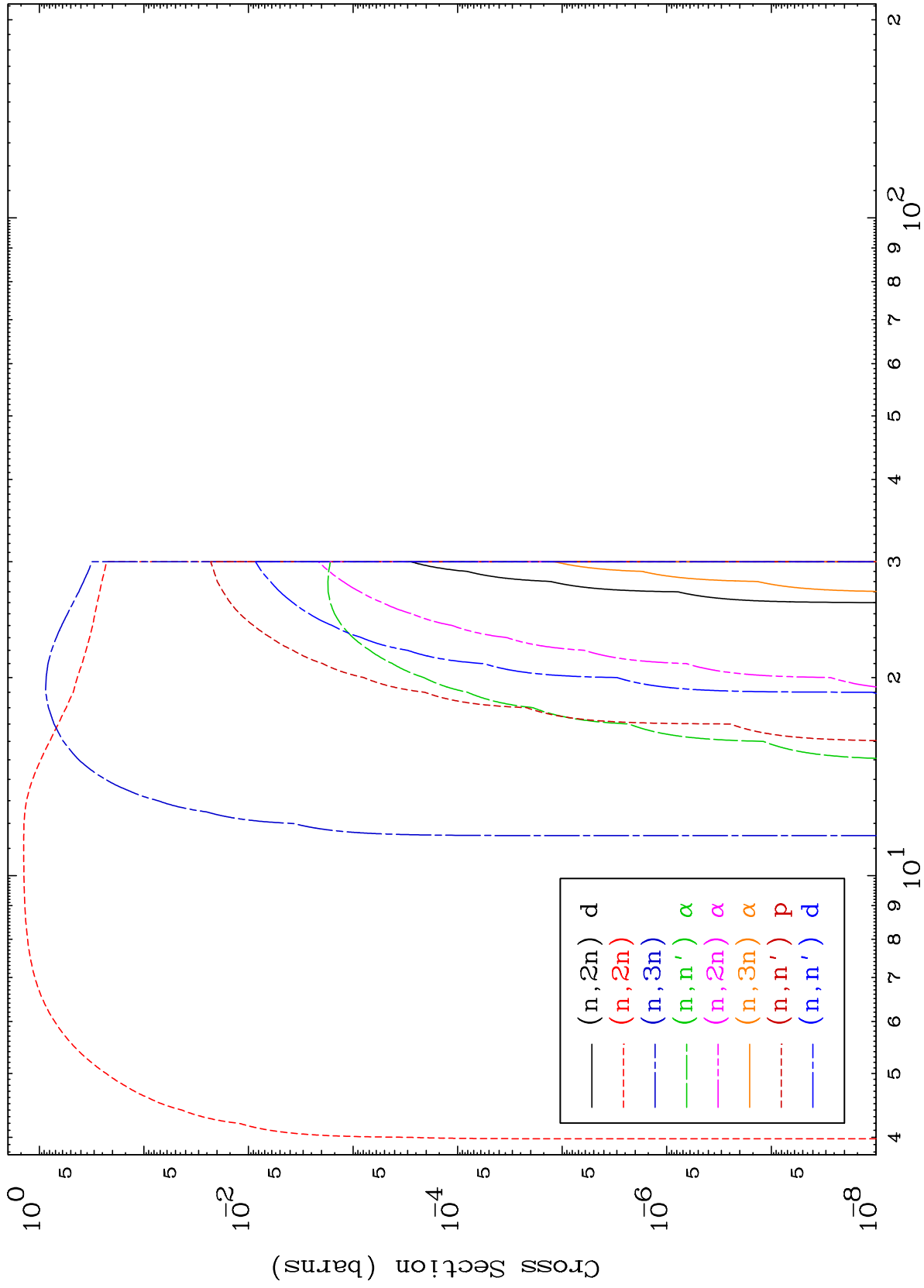
26-Fe-65m



MAT 2659

Neutron Absorption
293 Kelvin Cross Sections

²⁶Fe-65m



²⁶Fe-65m

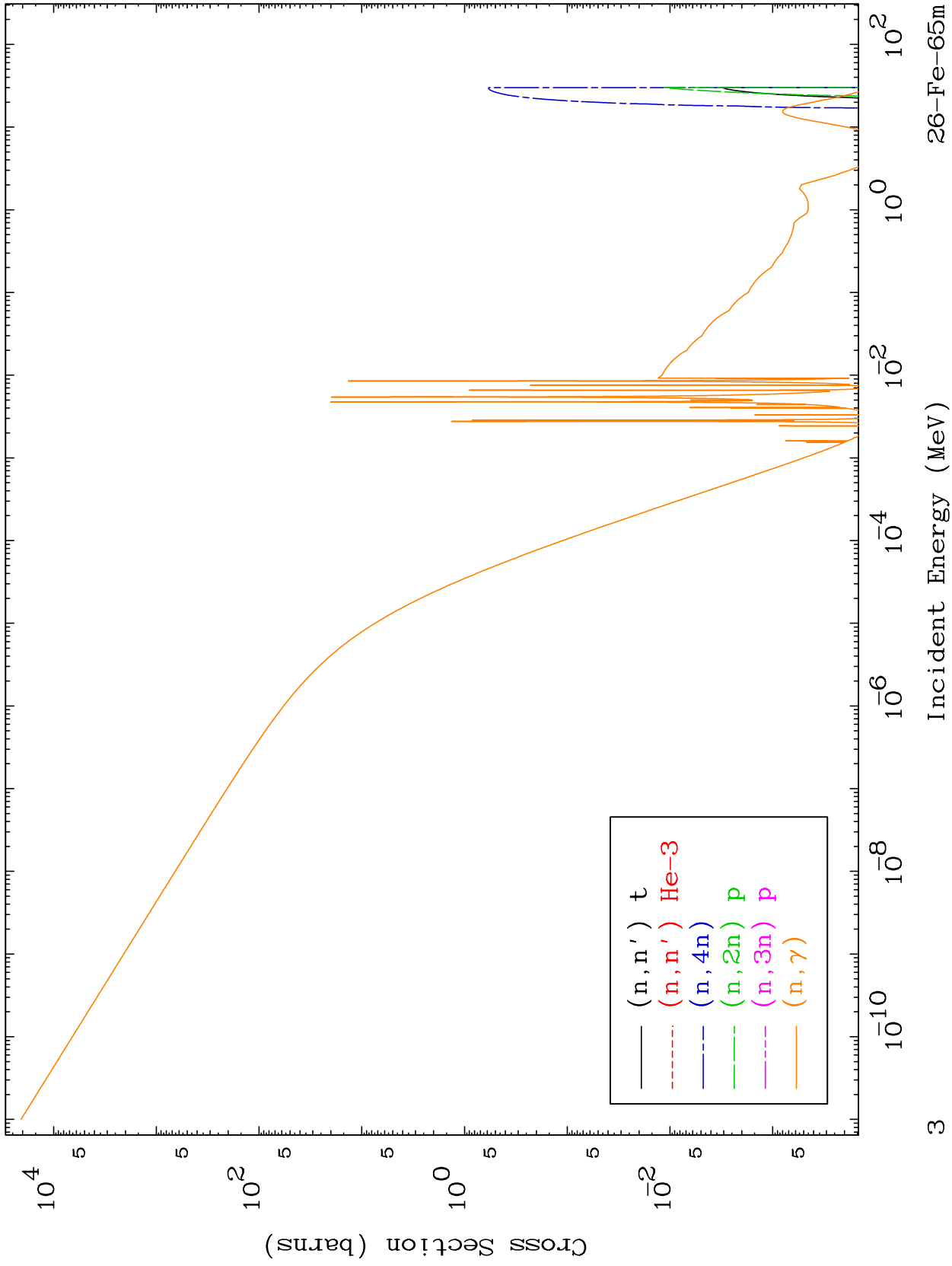
Incident Energy (MeV)

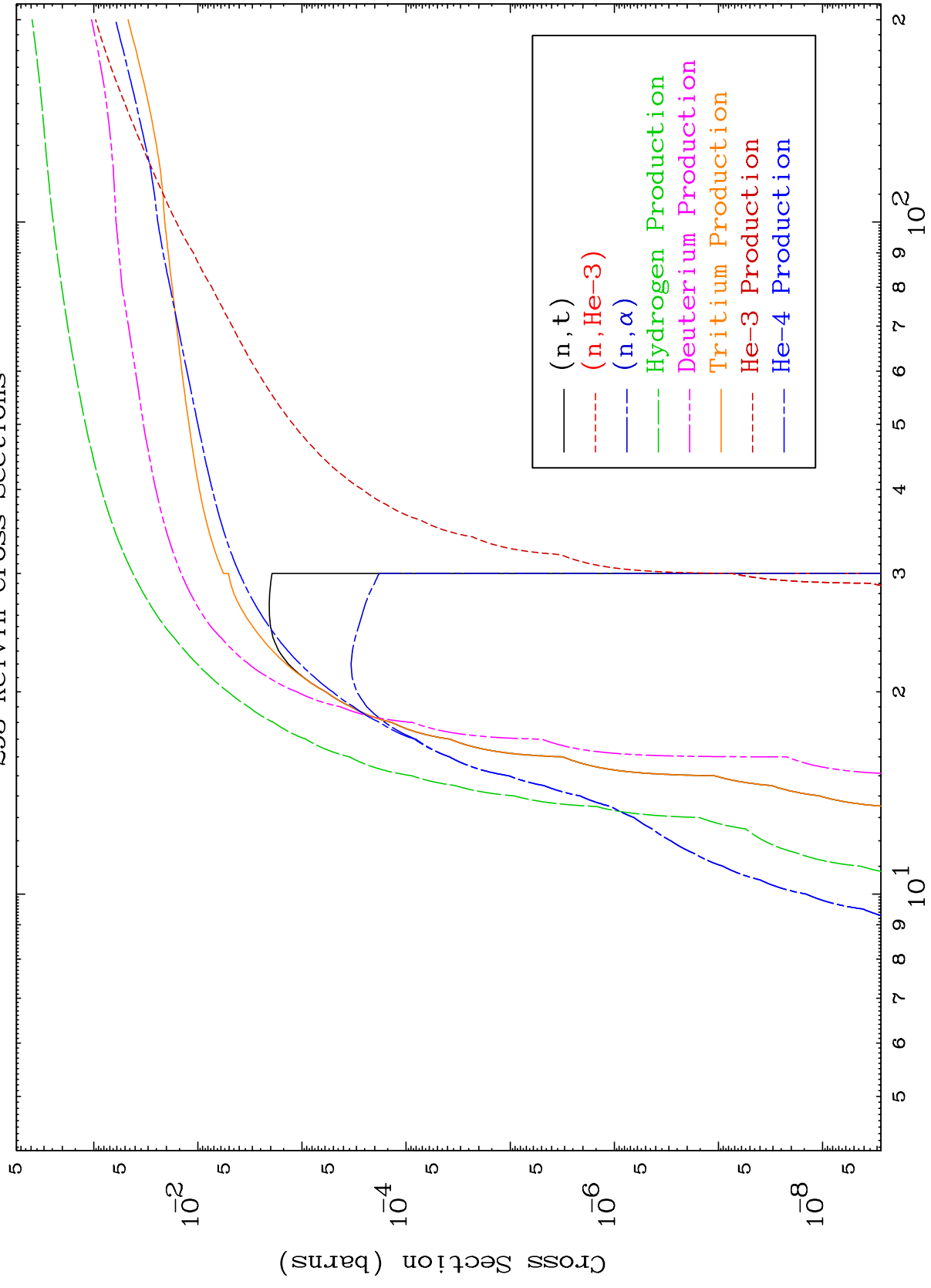
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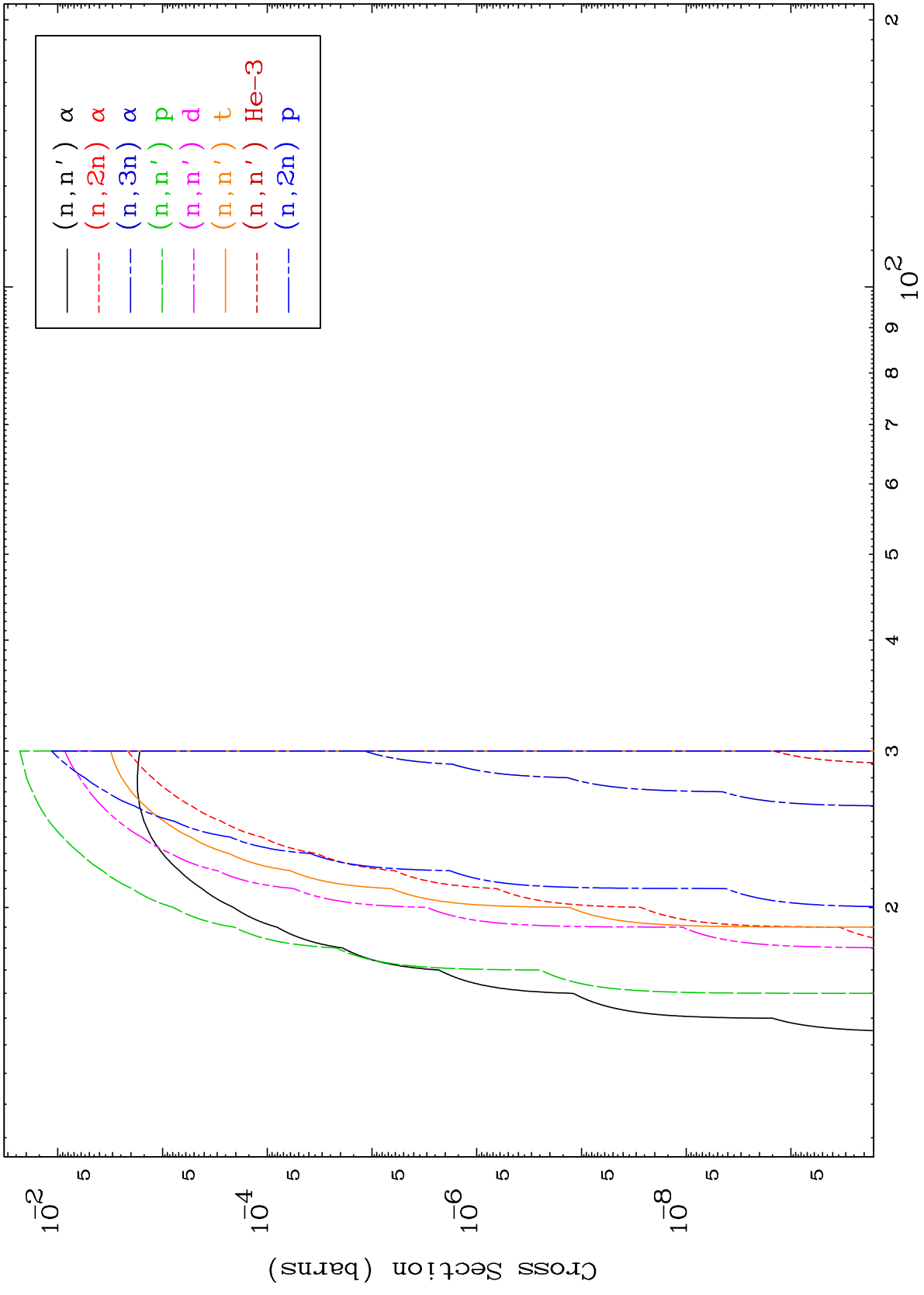
MAT 2659

Neutron Absorption
293 Kelvin Cross Sections

26-Fe-65m



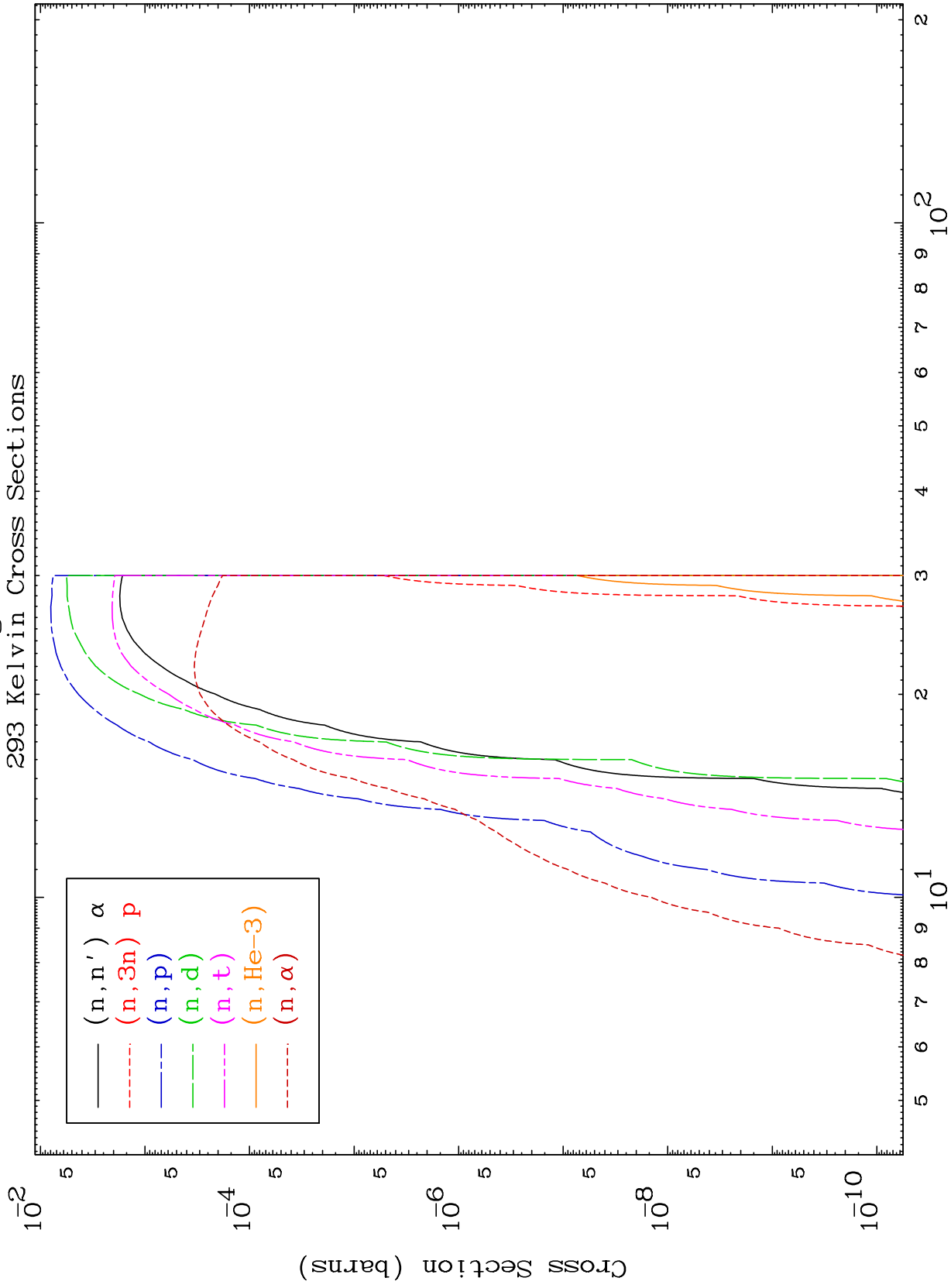




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Charged Particle
293 Kelvin Cross Sections

²⁶Fe-65m



6

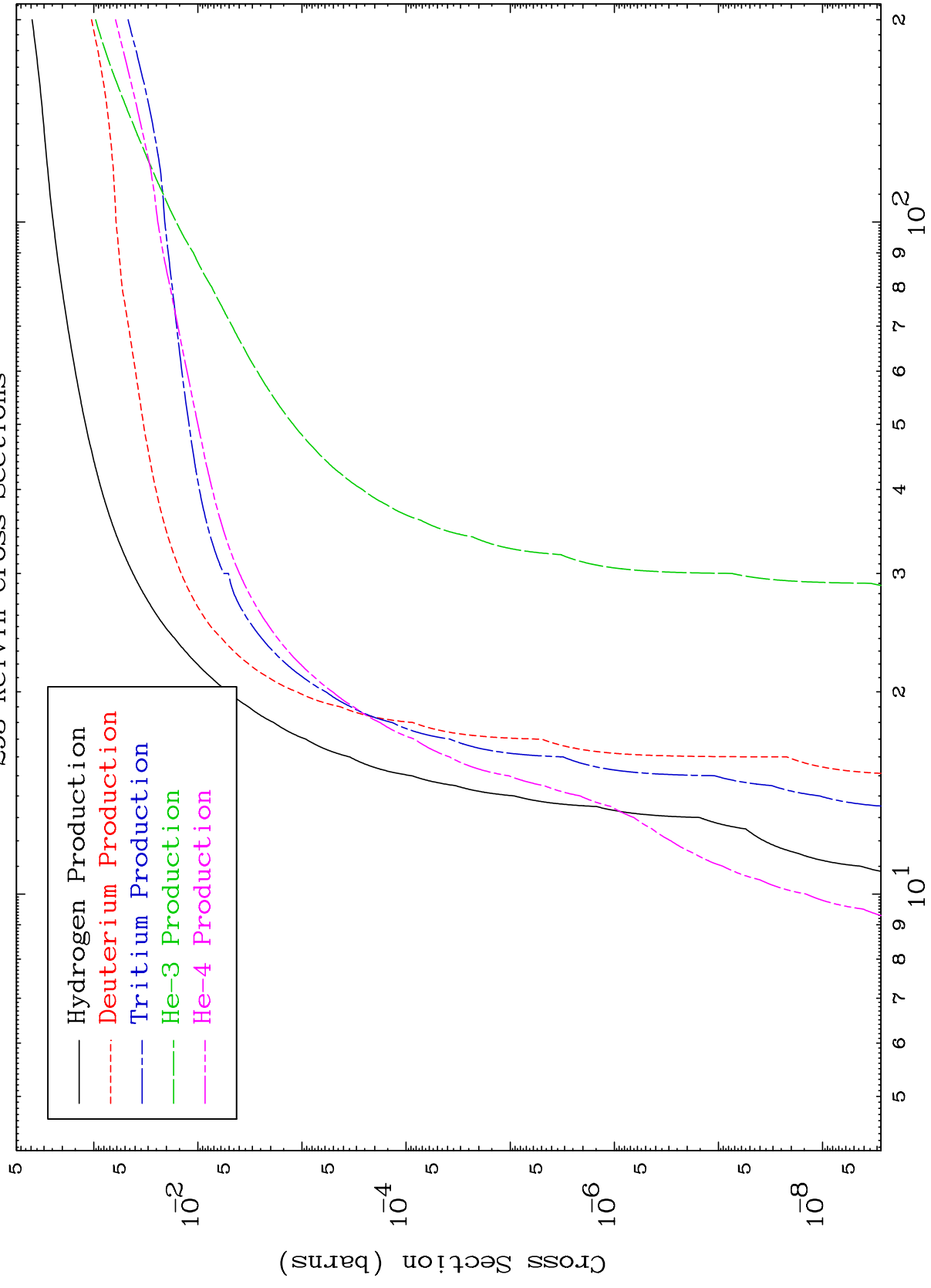
Incident Energy (MeV)

²⁶Fe-65m

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Particle Production
293 Kelvin Cross Sections

26-Fe-65m



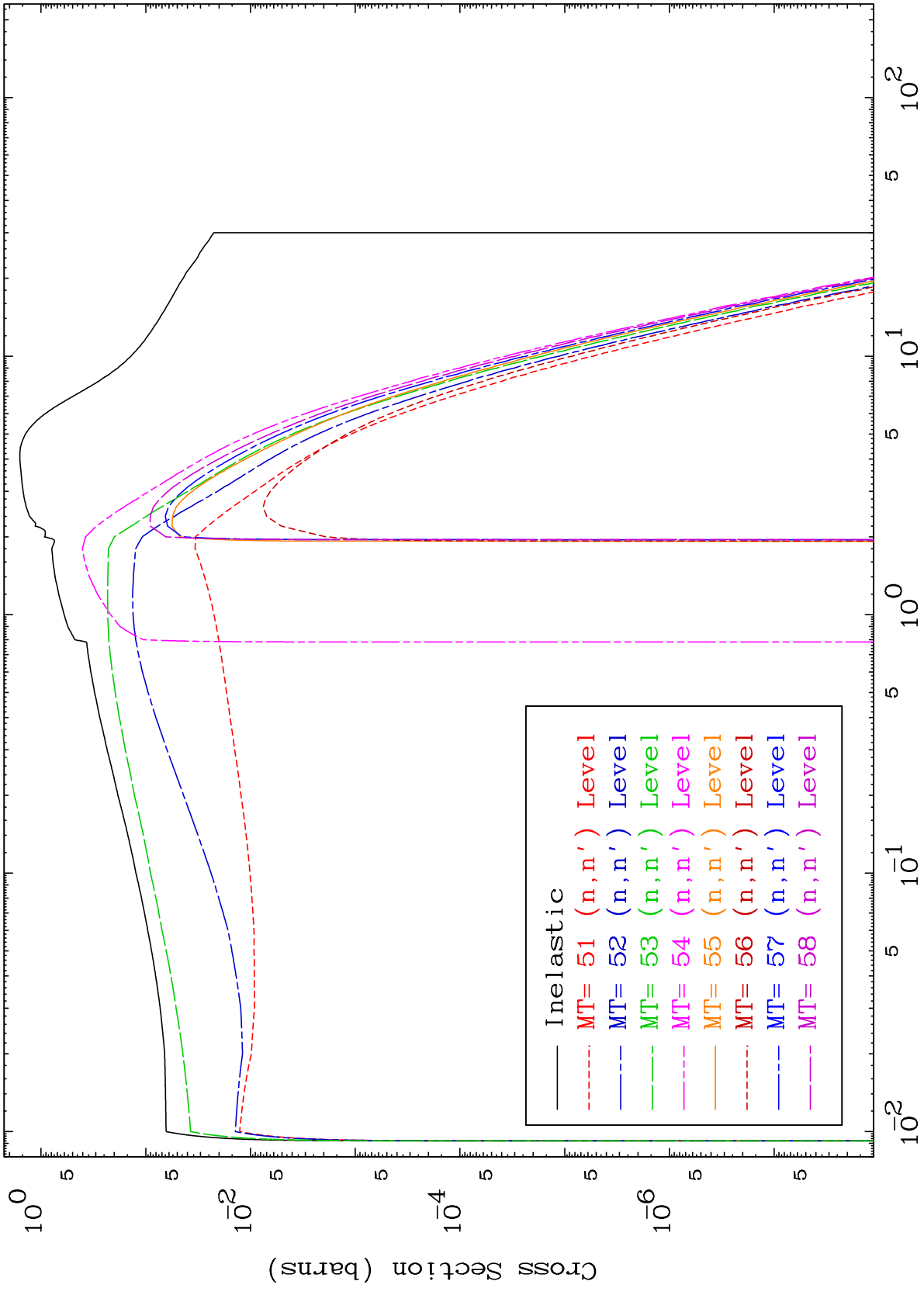
7

26-Fe-65m

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(n,n') Levels
293 Kelvin Cross Sections

26-Fe-65m

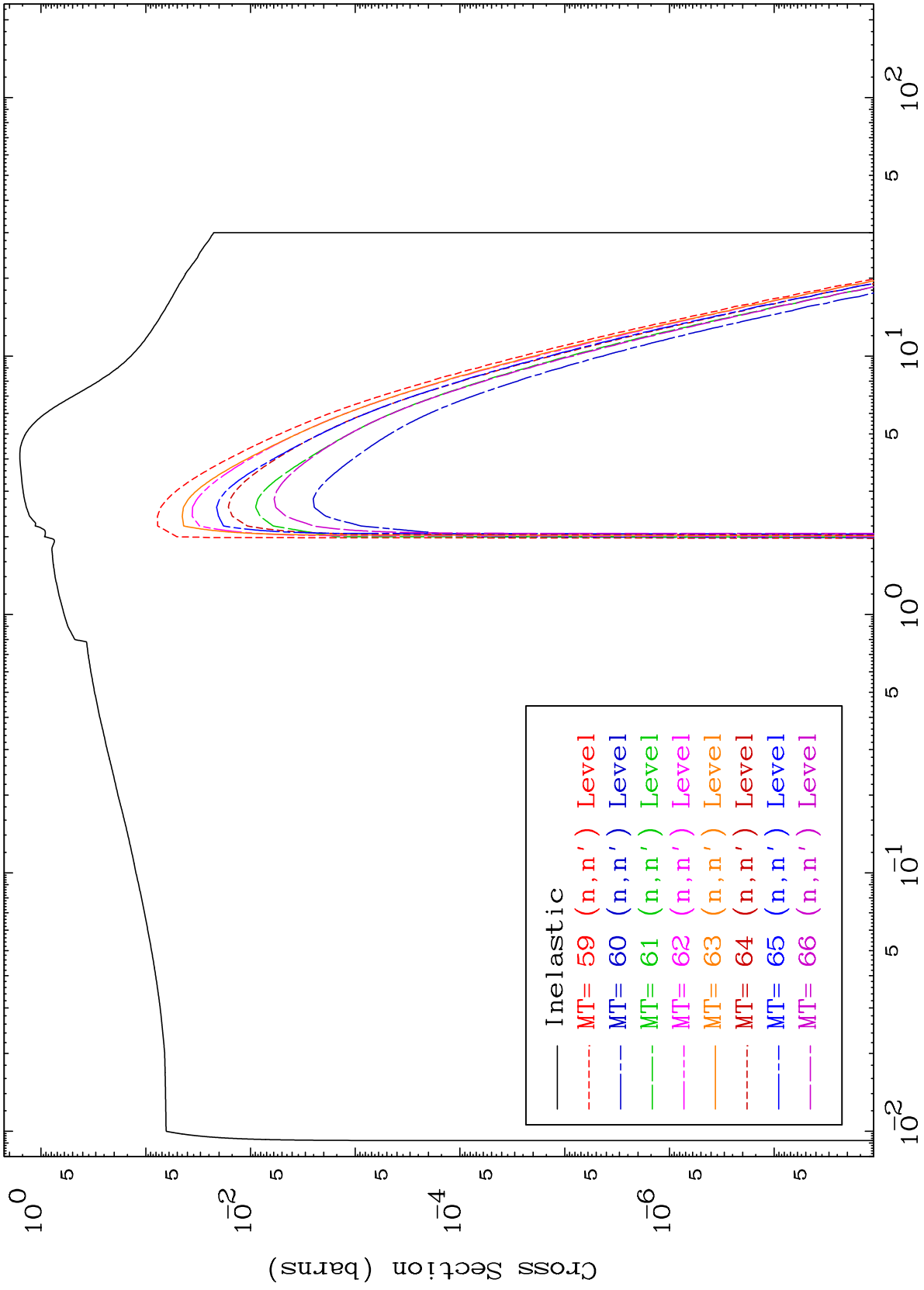


8

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(n,n') Levels
293 Kelvin Cross Sections

26-Fe-65m



26-Fe-65m

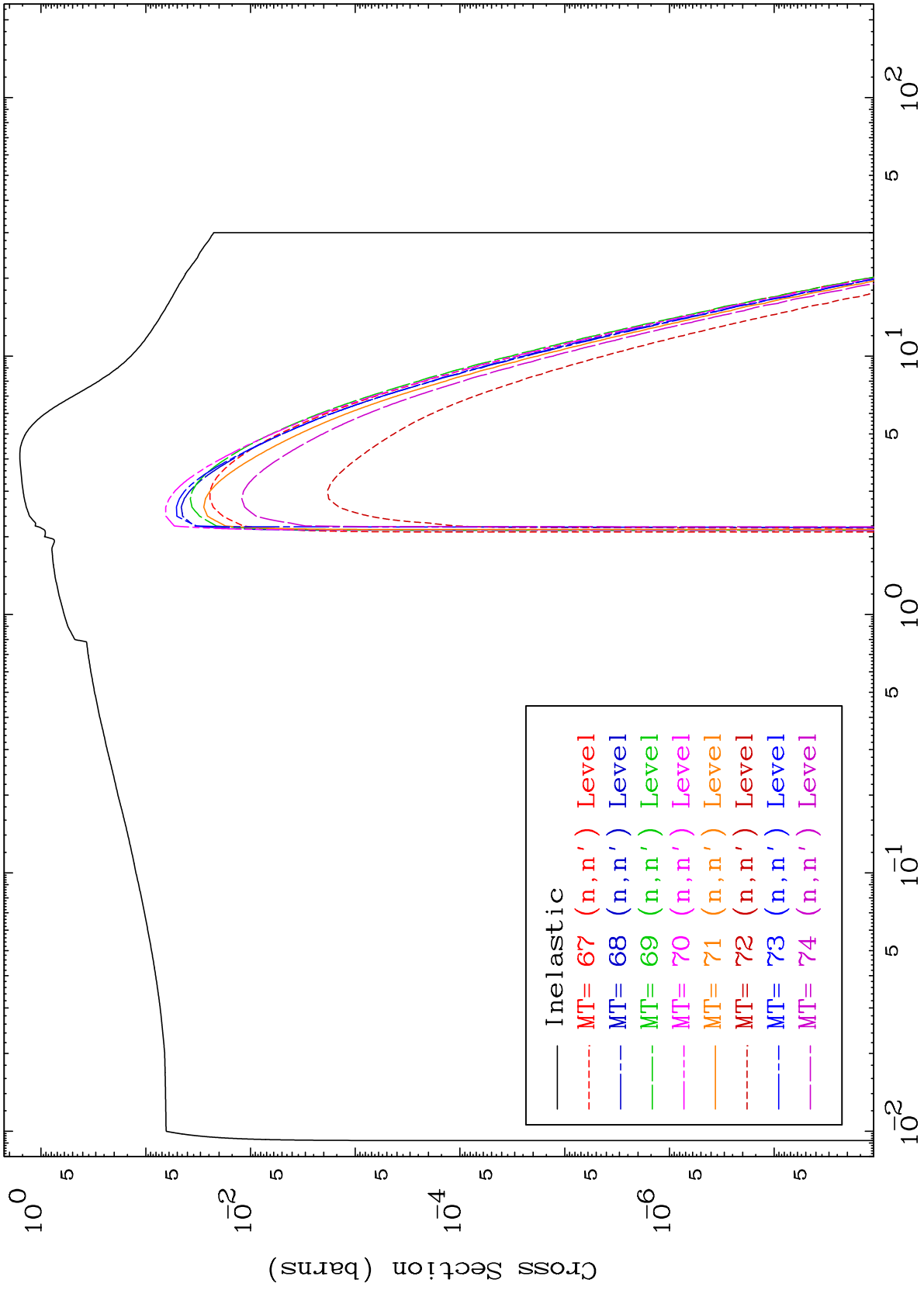
Incident Energy (MeV)

9

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(n,n') Levels
293 Kelvin Cross Sections

26-Fe-65m



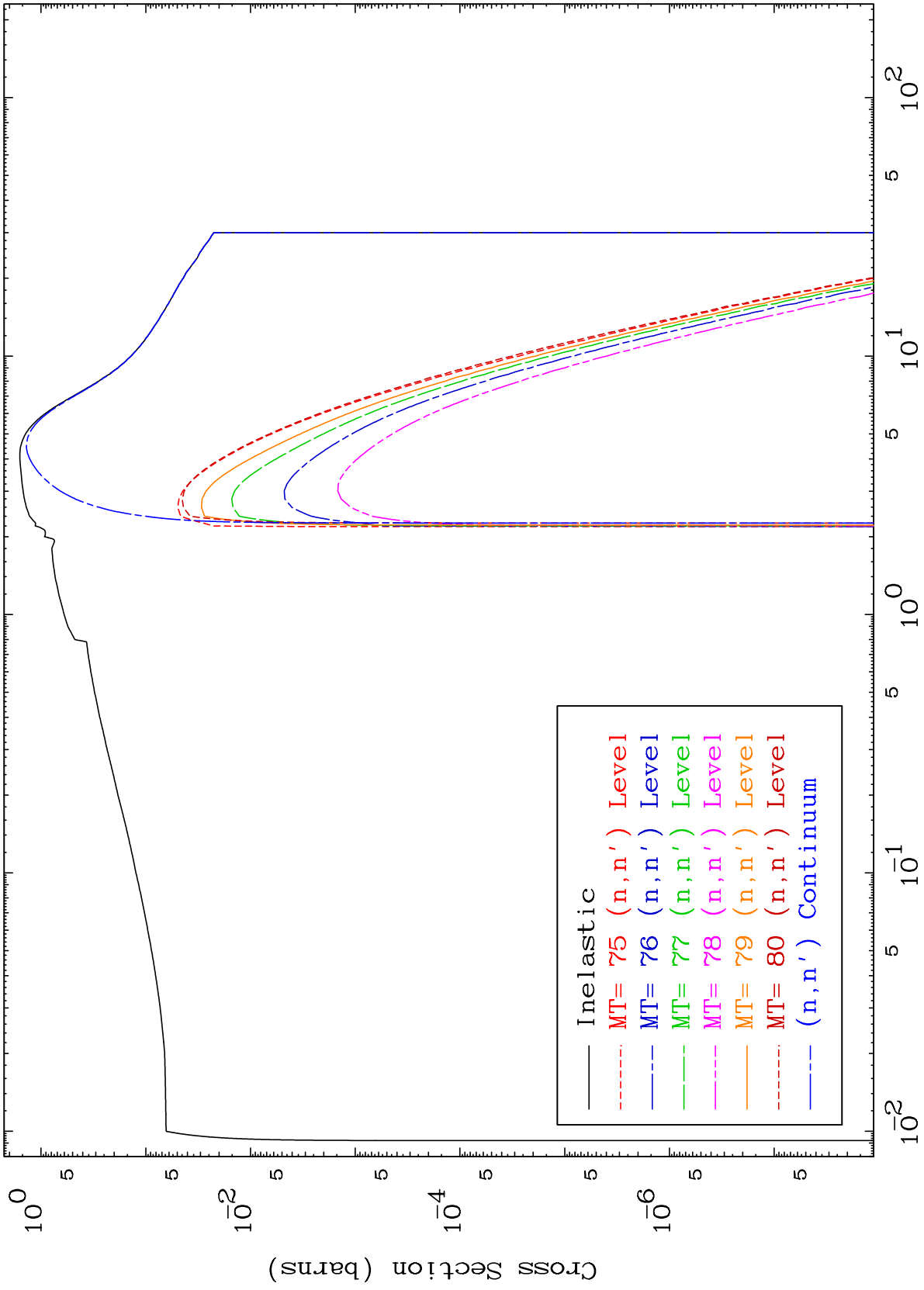
26-Fe-65m

Incident Energy (MeV)

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(n,n') Levels
293 Kelvin Cross Sections

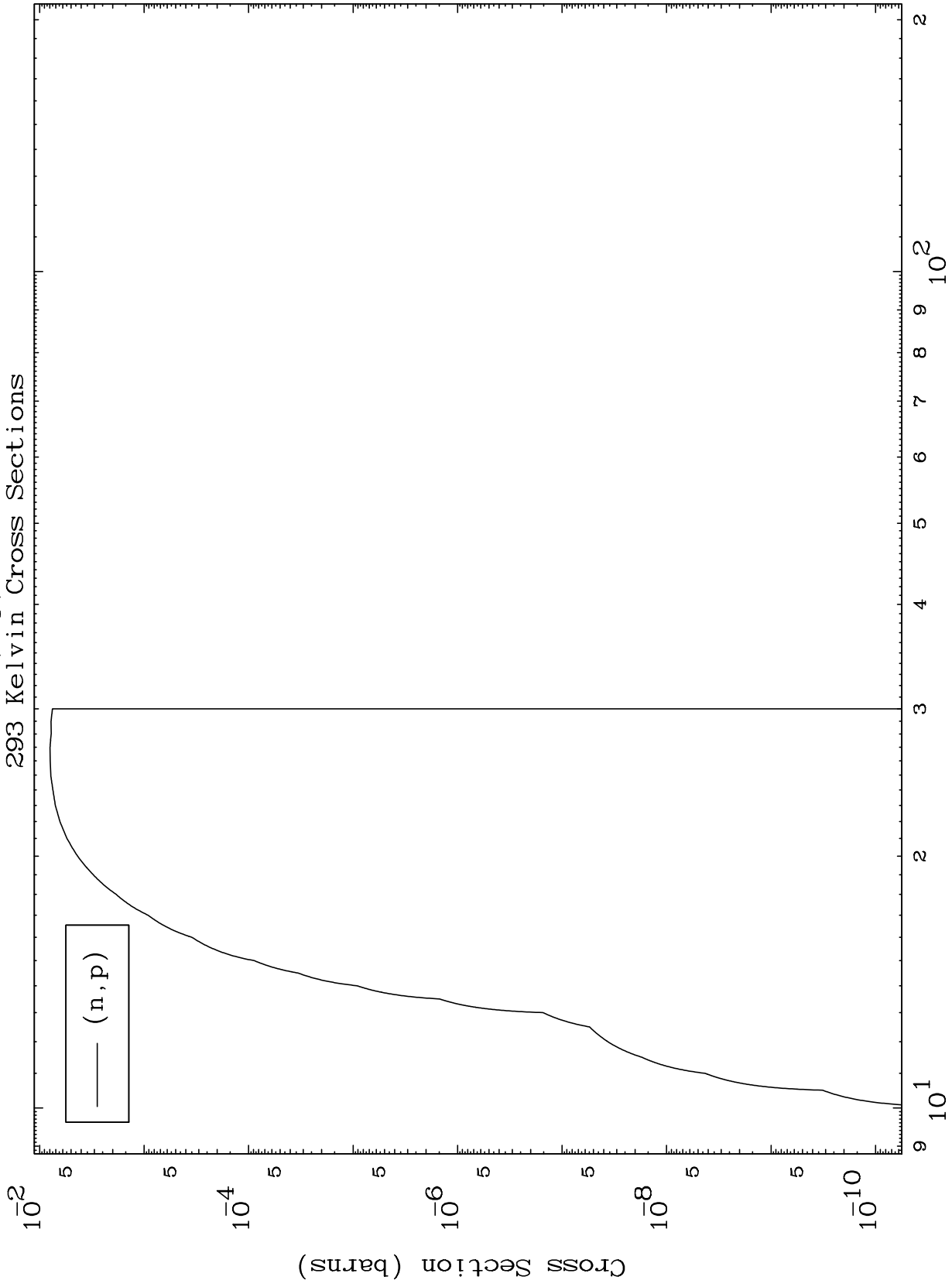
26-Fe-65m



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(n,p) Levels
293 Kelvin Cross Sections

²⁶Fe-65m



12

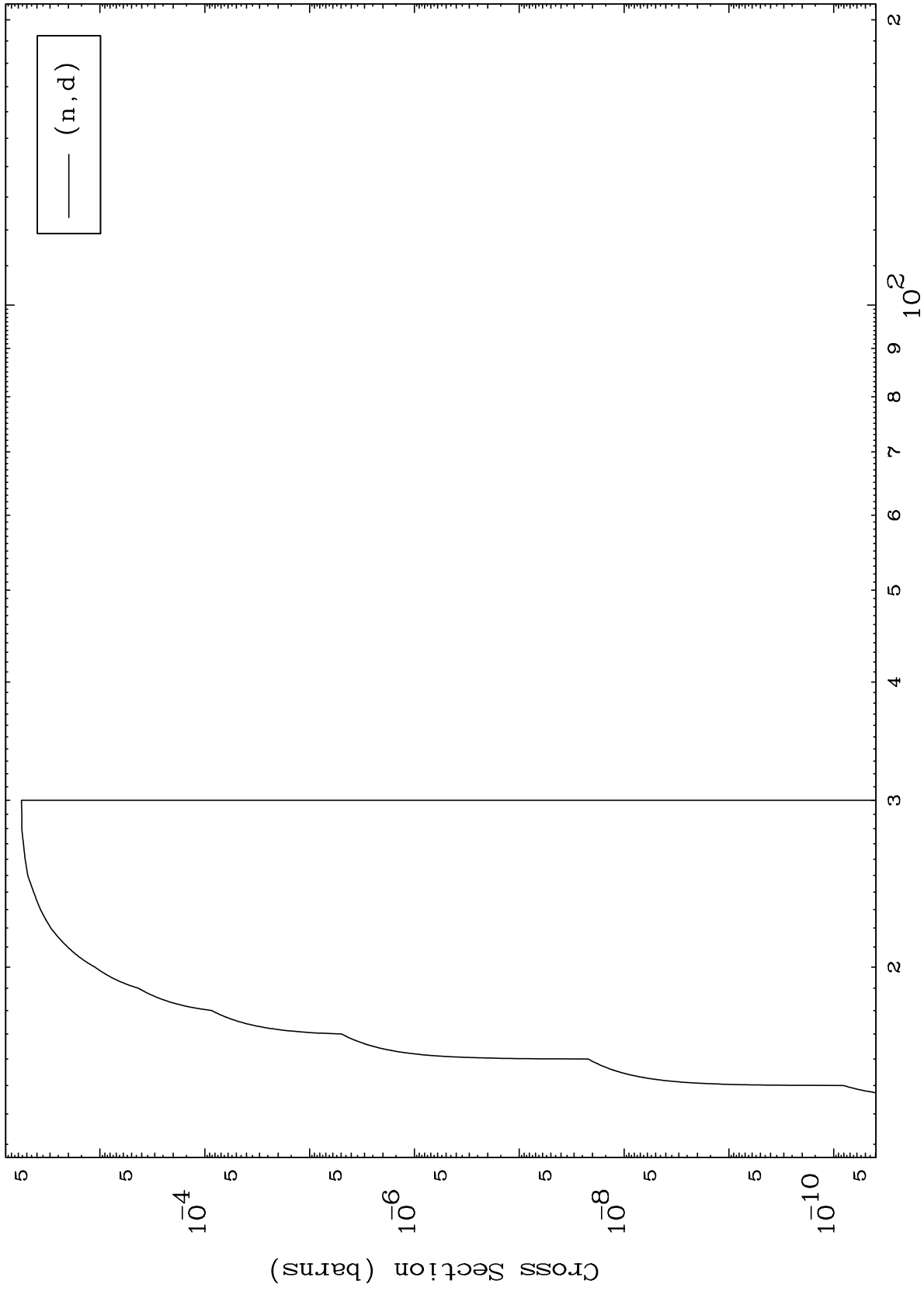
Incident Energy (MeV)

²⁶Fe-65m

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(n,d) Levels
293 Kelvin Cross Sections

26-Fe-65m



13

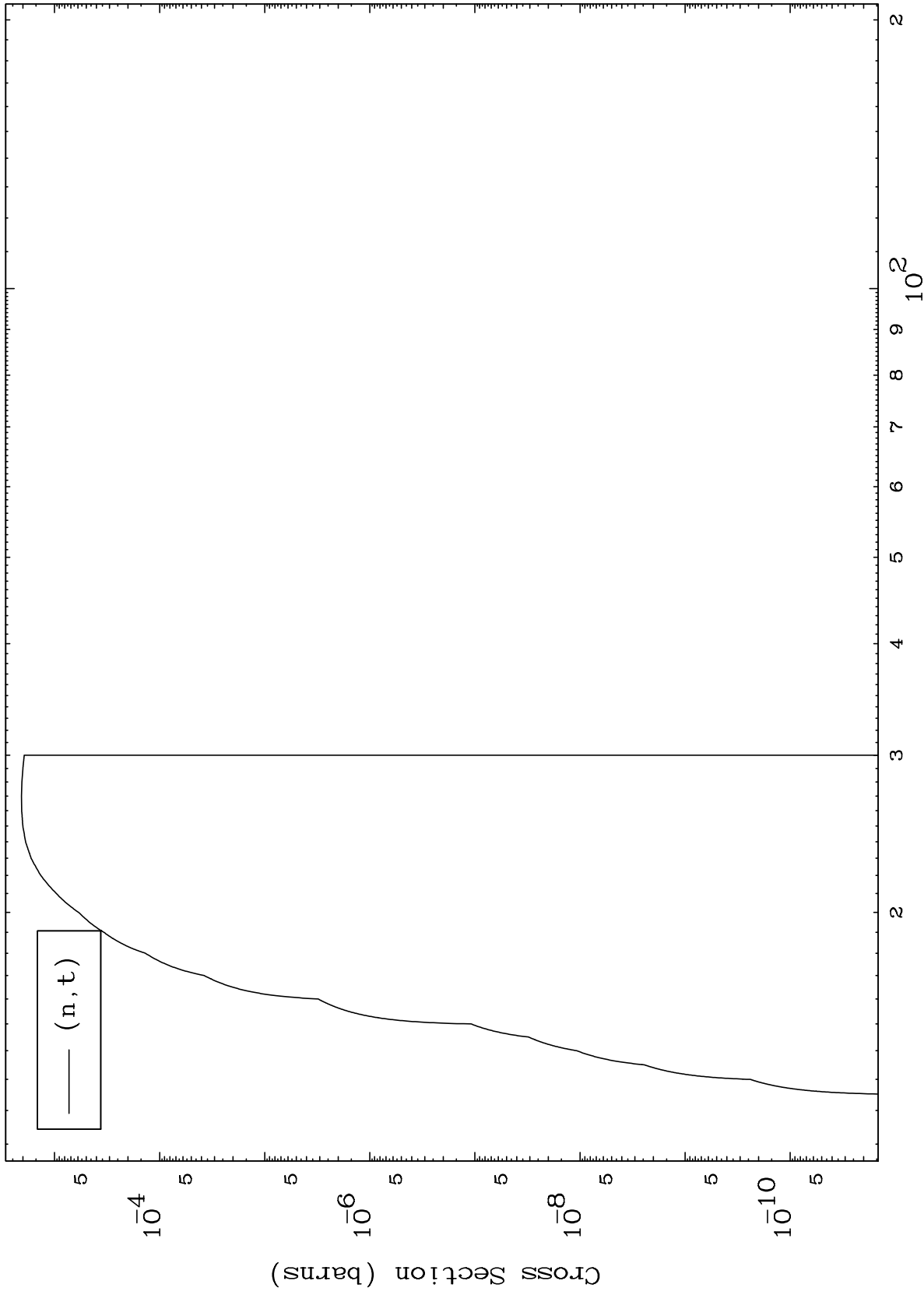
Incident Energy (MeV)

26-Fe-65m

MAT 2659

(n,t) Levels
293 Kelvin Cross Sections

²⁶Fe-65m



14

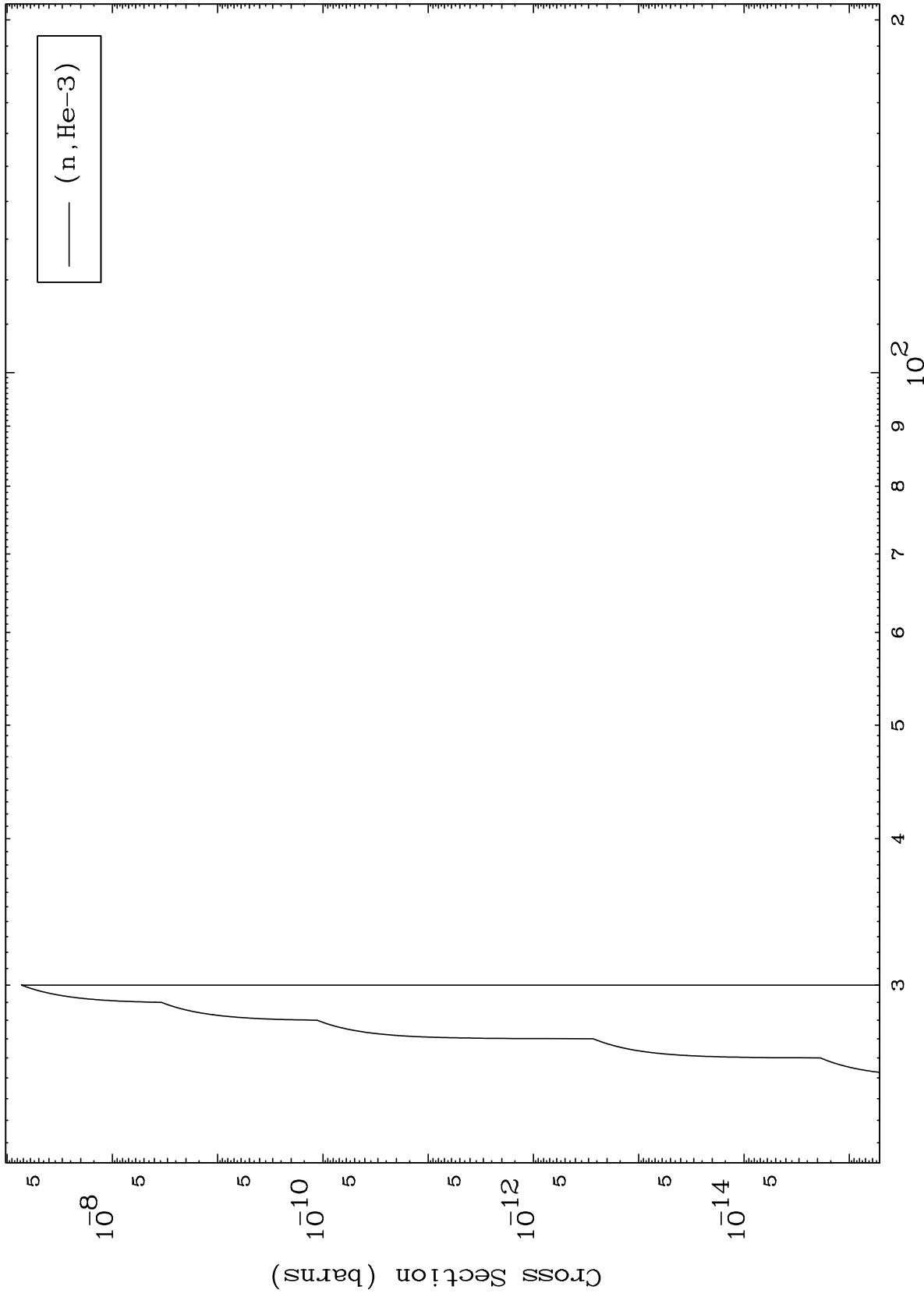
Incident Energy (MeV)

²⁶Fe-65m

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(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-65m



15

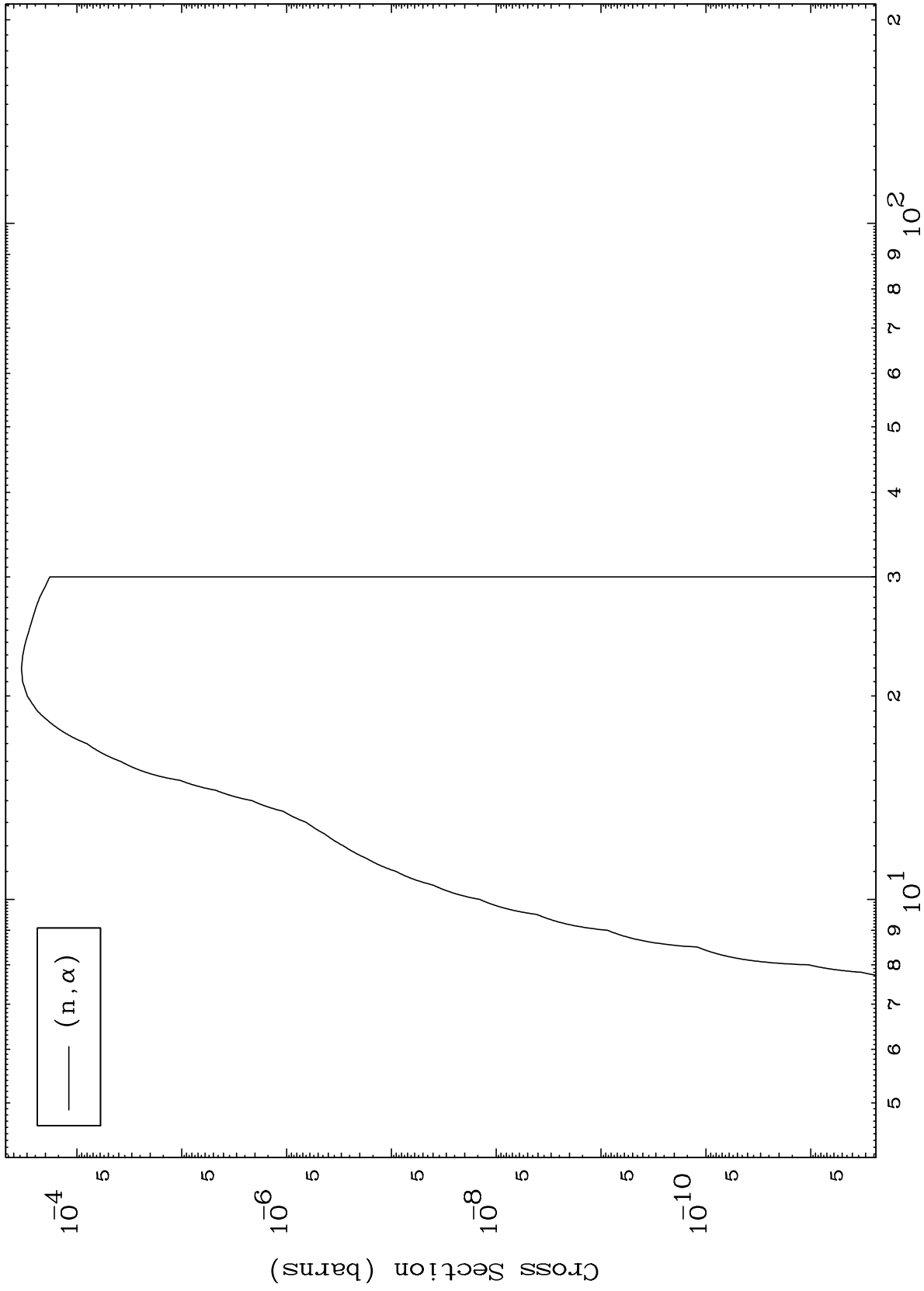
Incident Energy (MeV)

26-Fe-65m

MAT 2659

(n,α) Levels
293 Kelvin Cross Sections

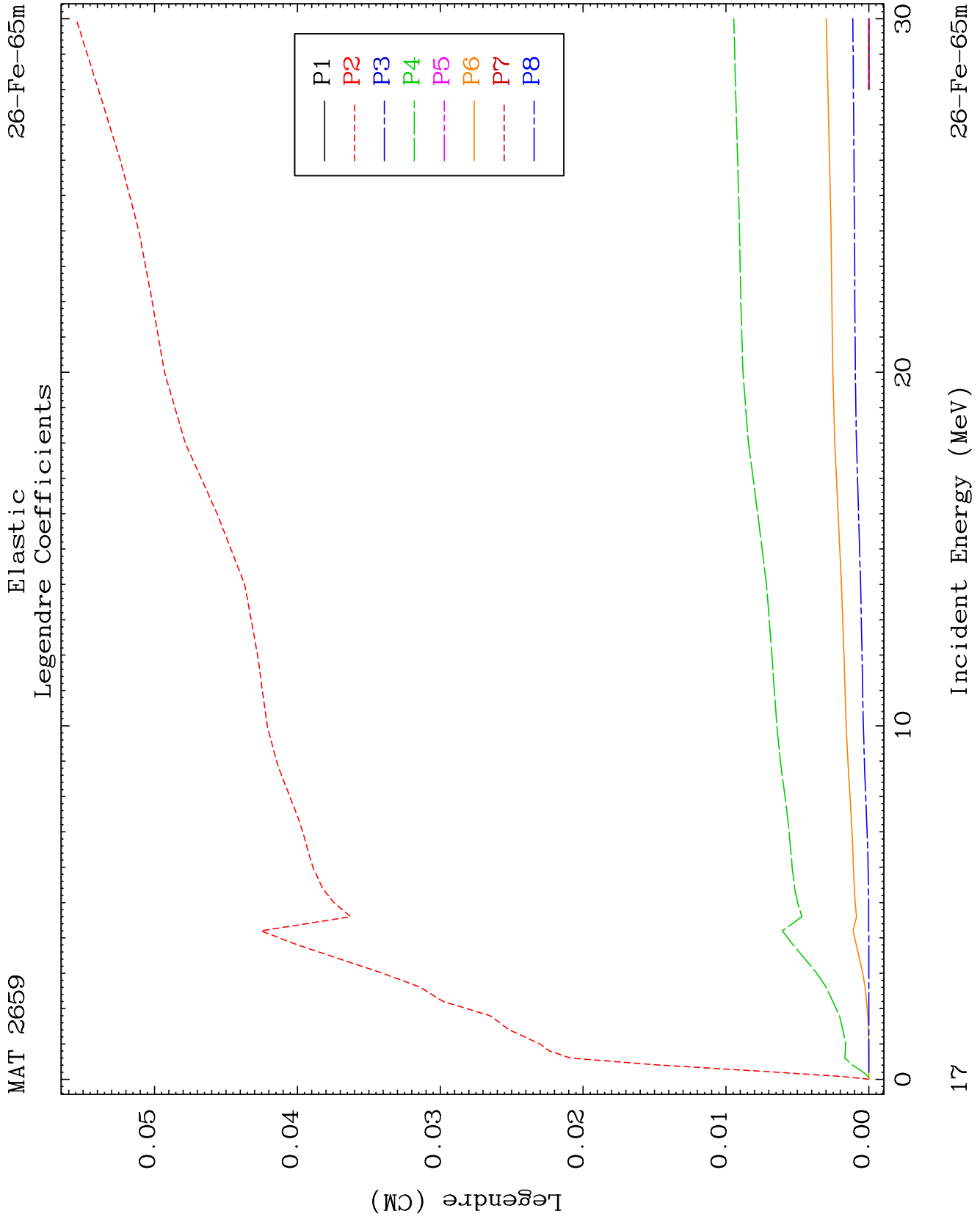
26-Fe-65m



16

Incident Energy (MeV)

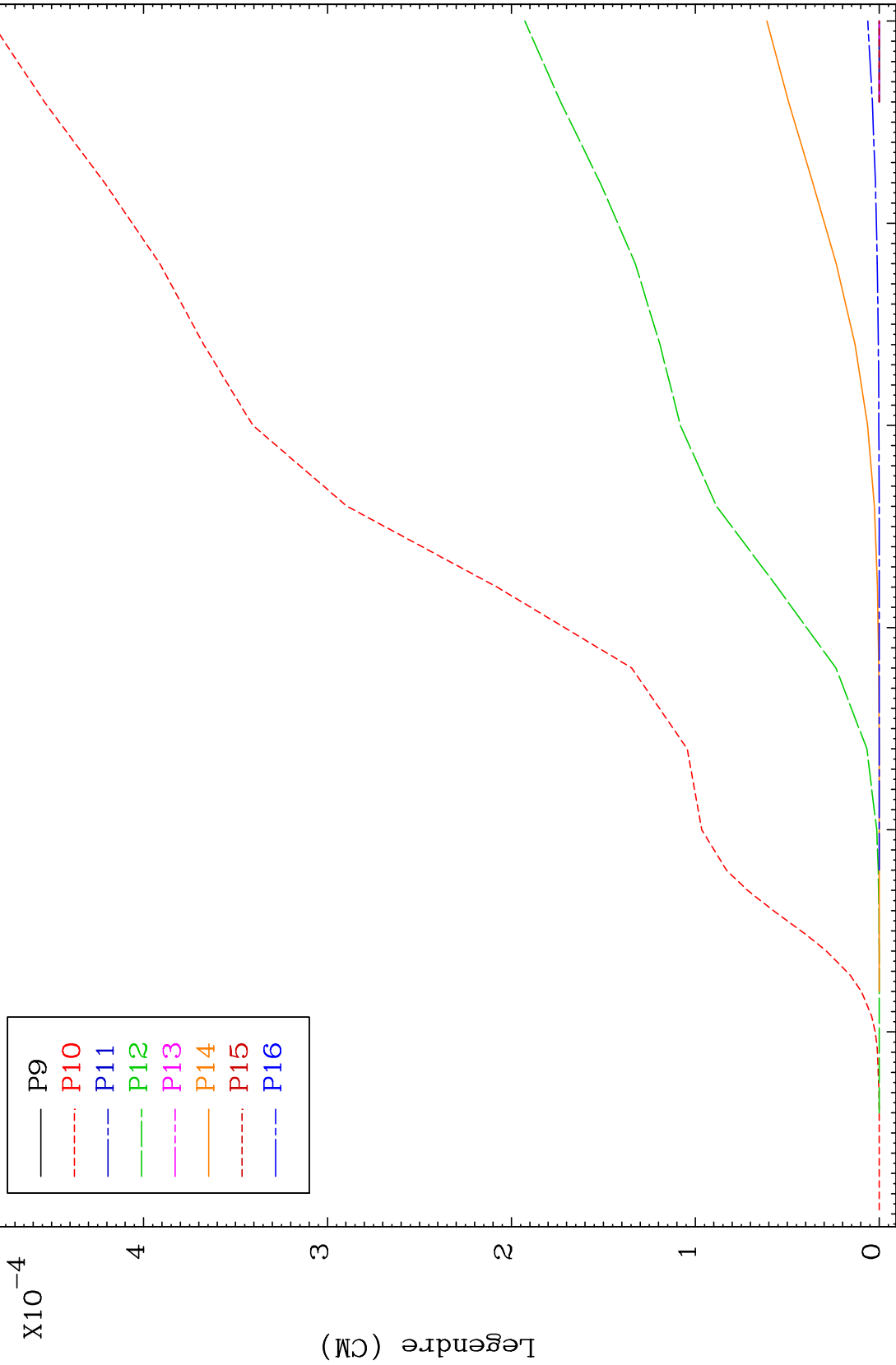
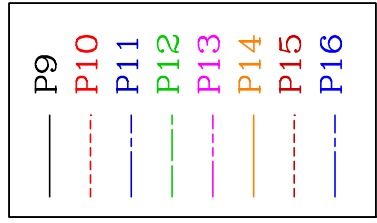
26-Fe-65m



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Elastic Legendre Coefficients

²⁶Fe-⁶⁵m



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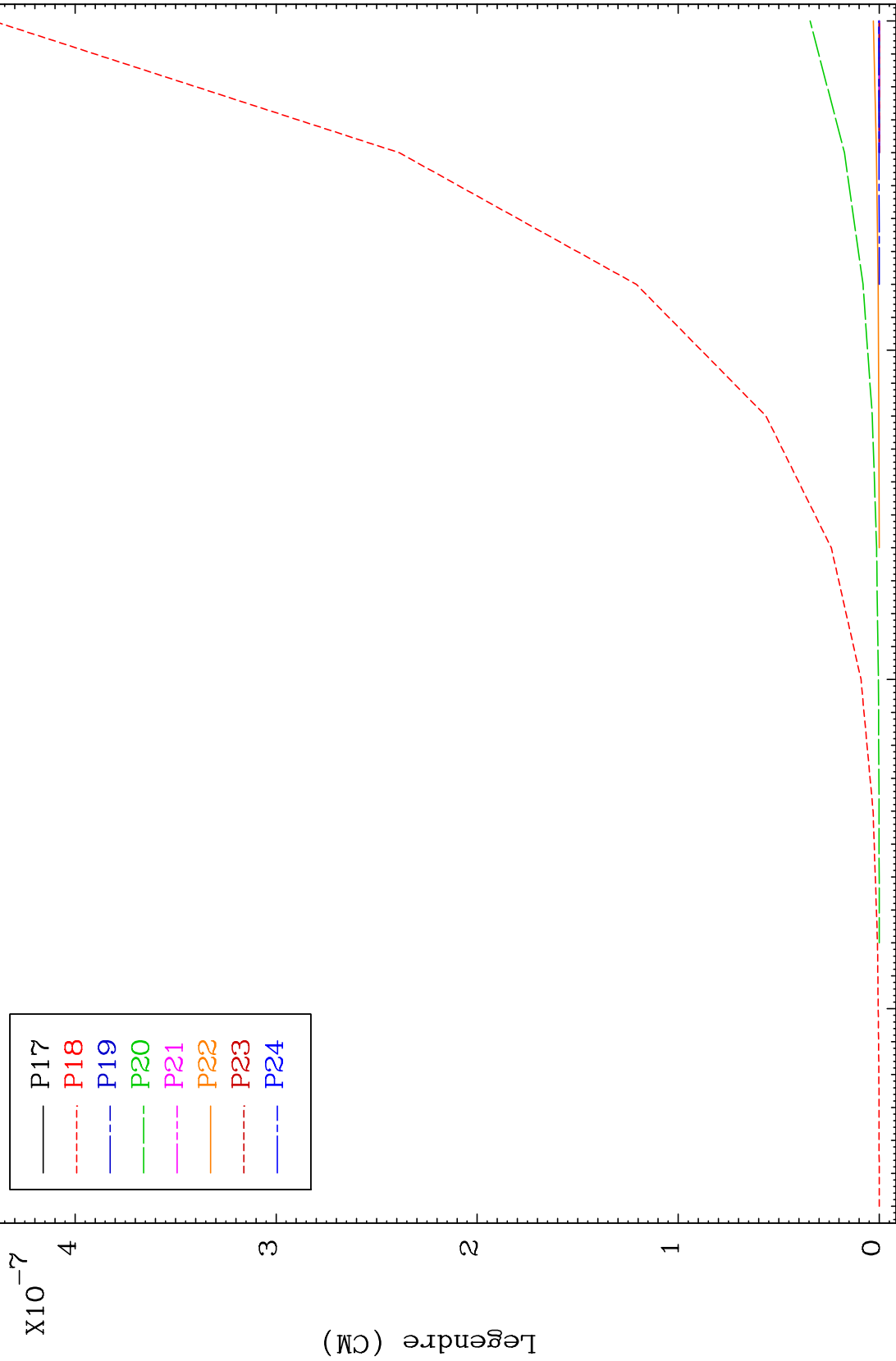
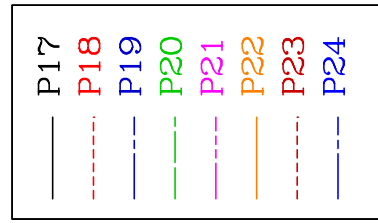
Incident Energy (MeV)

²⁶Fe-⁶⁵m

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Elastic Legendre Coefficients

²⁶Fe-65m



19

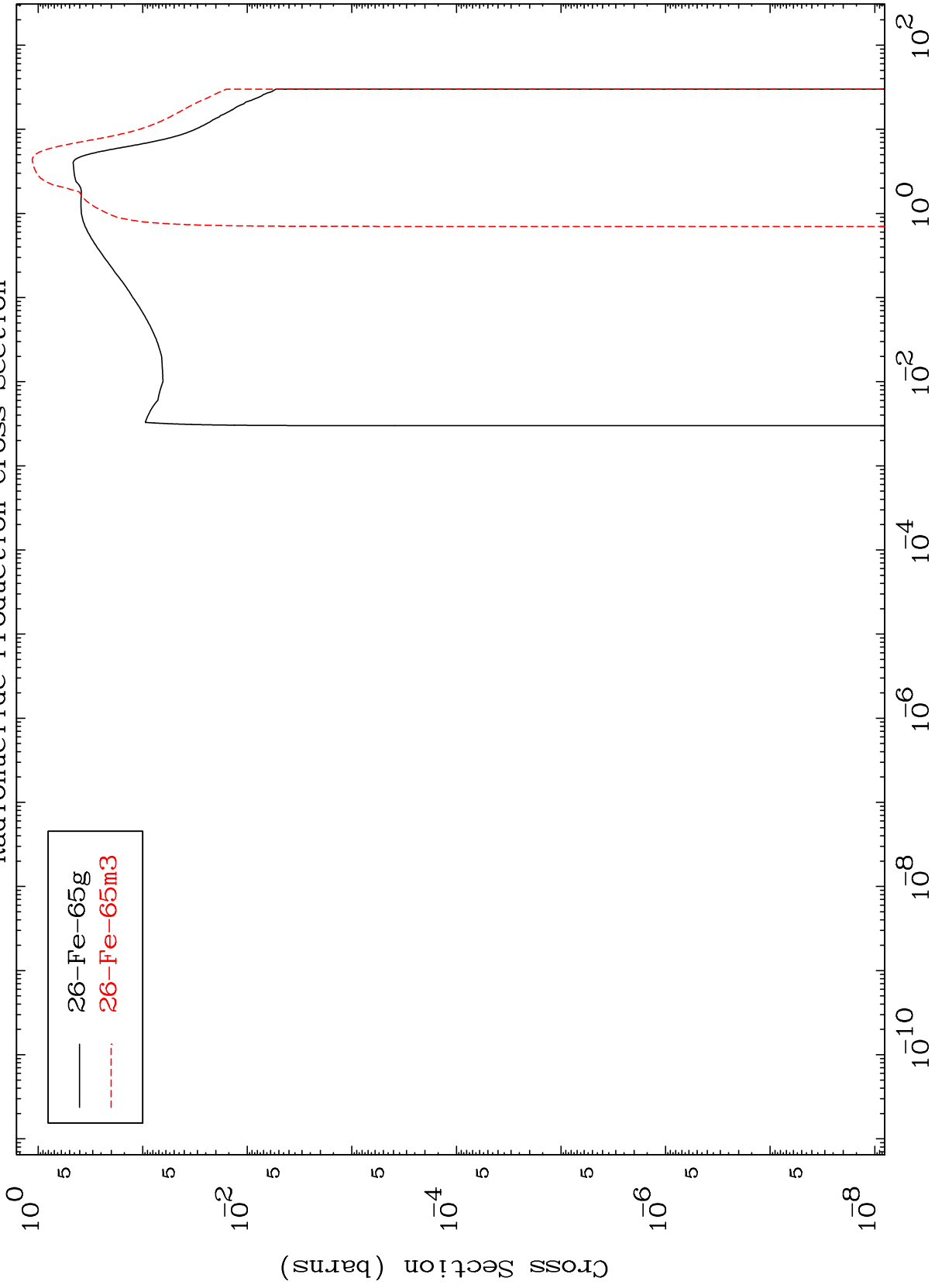
Incident Energy (MeV)

²⁶Fe-65m

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Inelastic Radionuclide Production Cross Section

²⁶Fe-65m



— 26-Fe-65g
- - - 26-Fe-65m3

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Incident Energy (MeV)

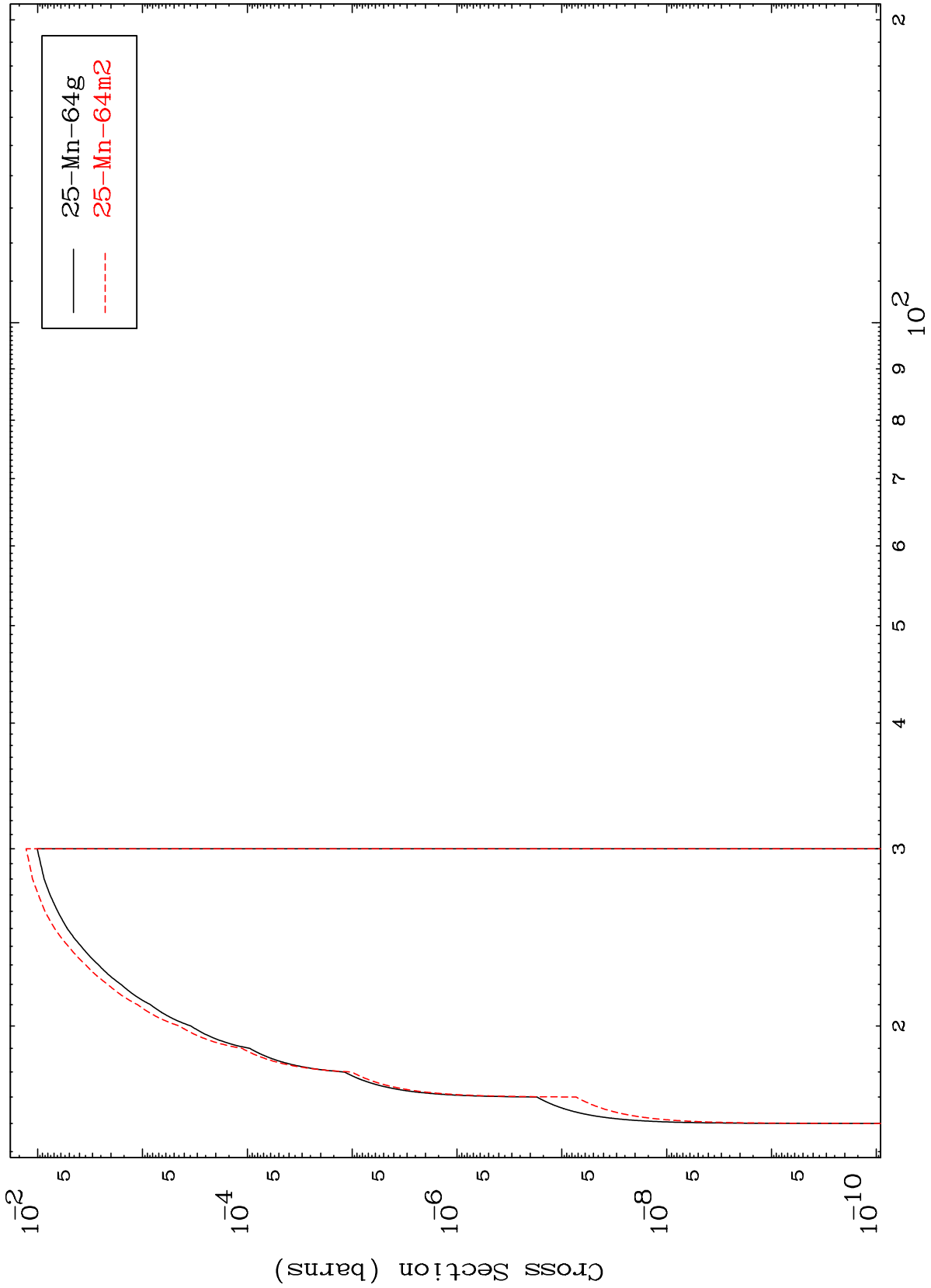
²⁶Fe-65m

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(n,n') p

²⁶Fe-65m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

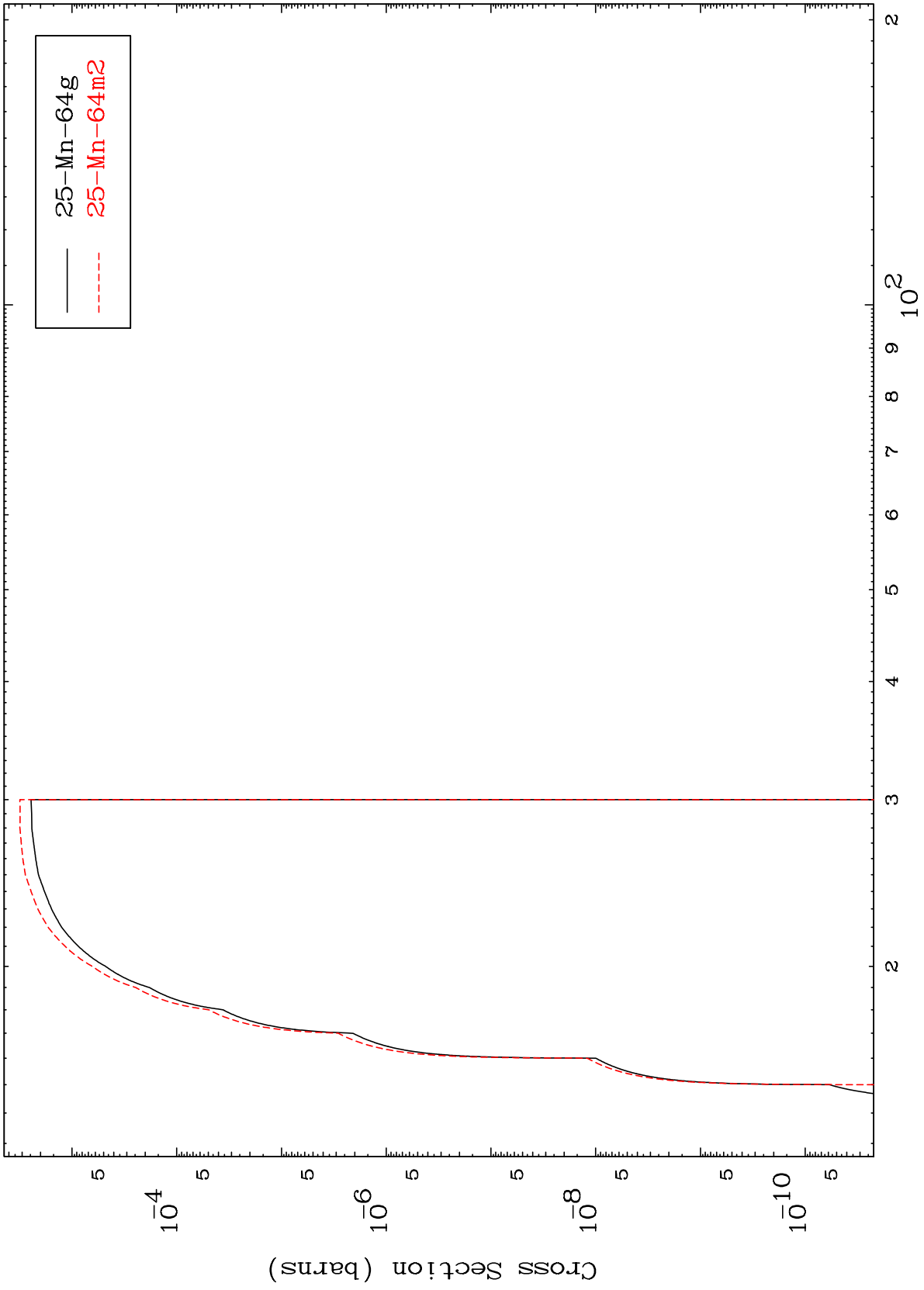
²⁶Fe-65m

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(n,d)

²⁶Fe-65m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

²⁶Fe-65m