

Program EVALPLOT
(Version 2021-1)

by

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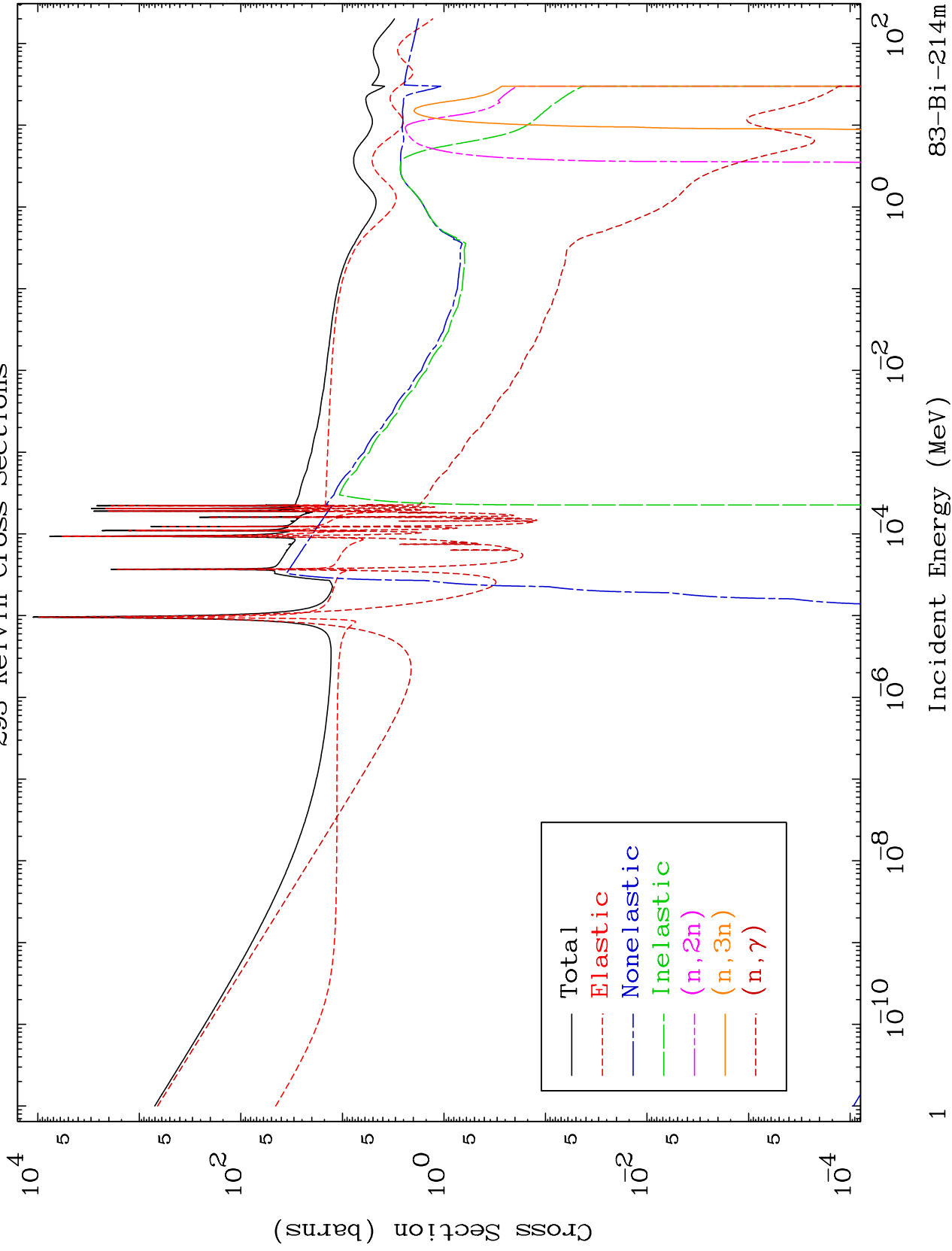
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8341

Neutron Major
293 Kelvin Cross Sections

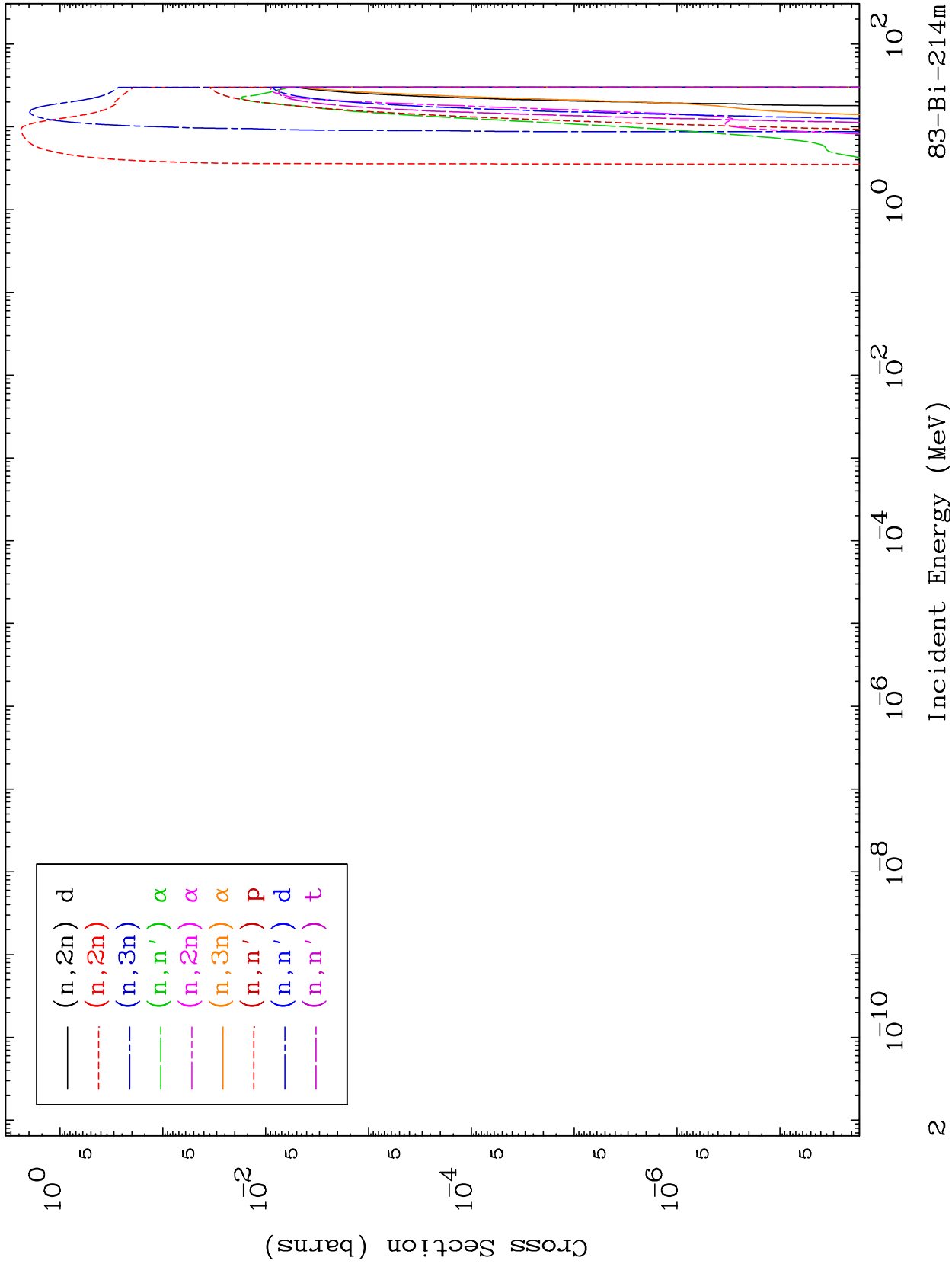
83-Bi-214m



MAT 8341

Neutron Absorption
293 Kelvin Cross Sections

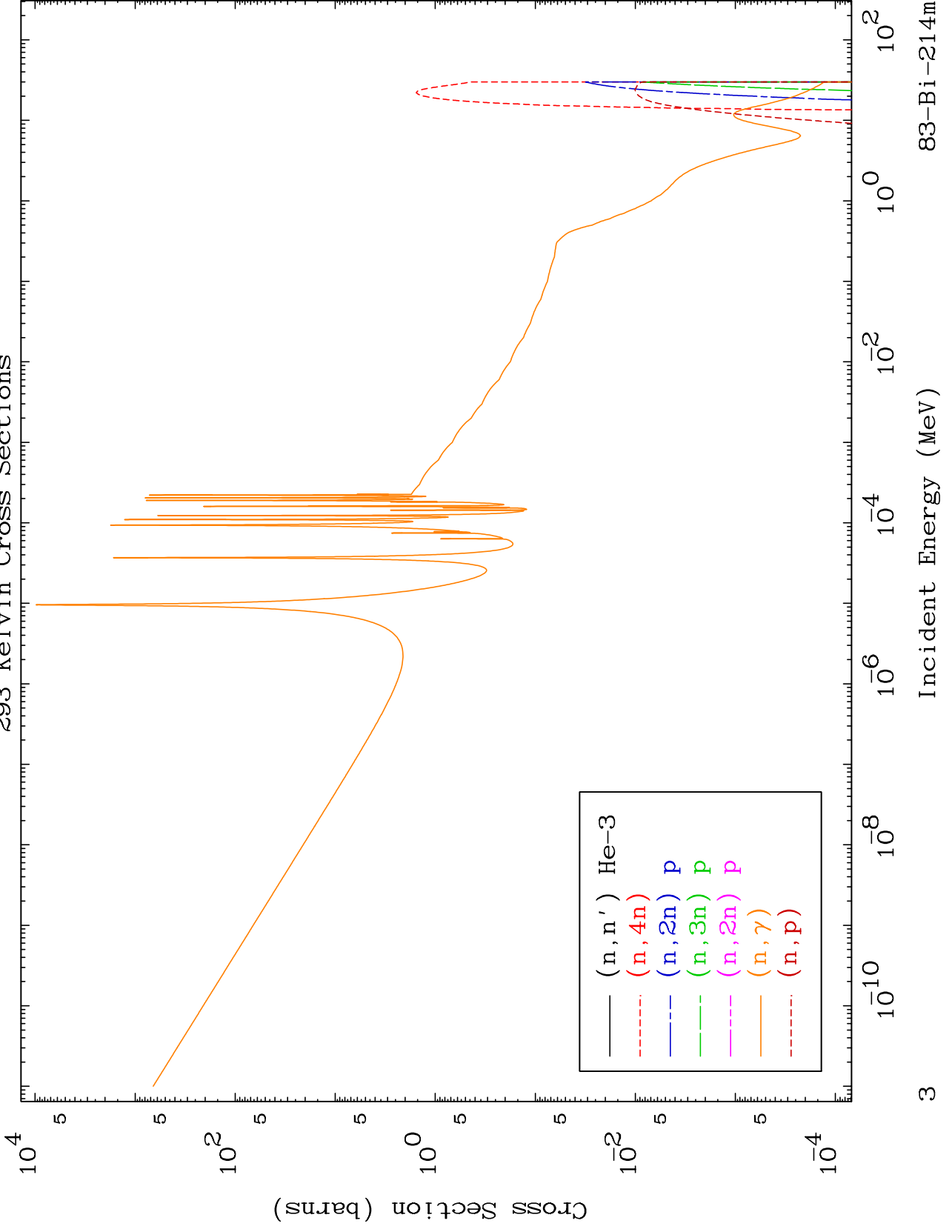
83-Bi-214m



MAT 8341

Neutron Absorption
293 Kelvin Cross Sections

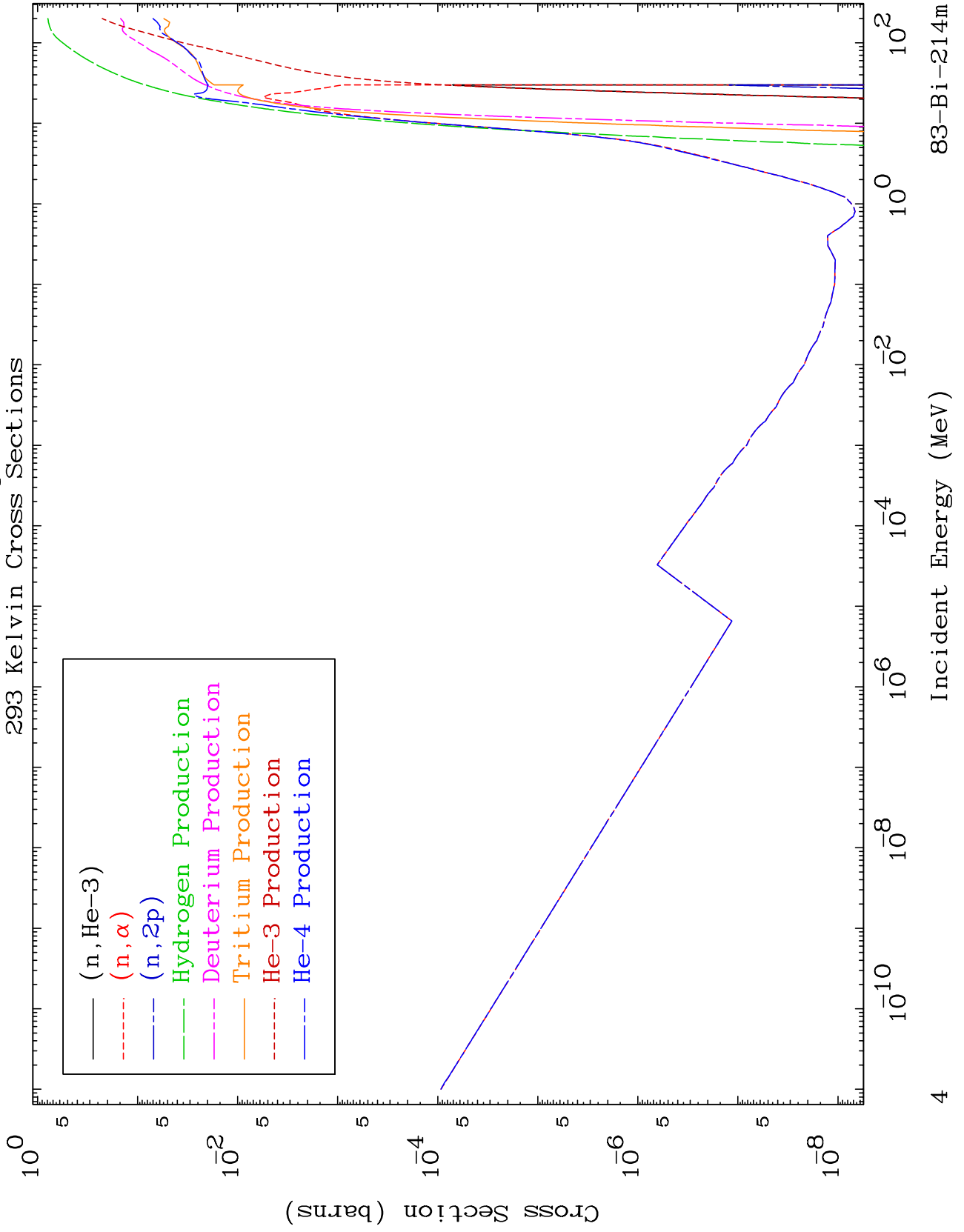
83-Bi-214m



MAT 8341

Neutron Absorption
293 Kelvin Cross Sections

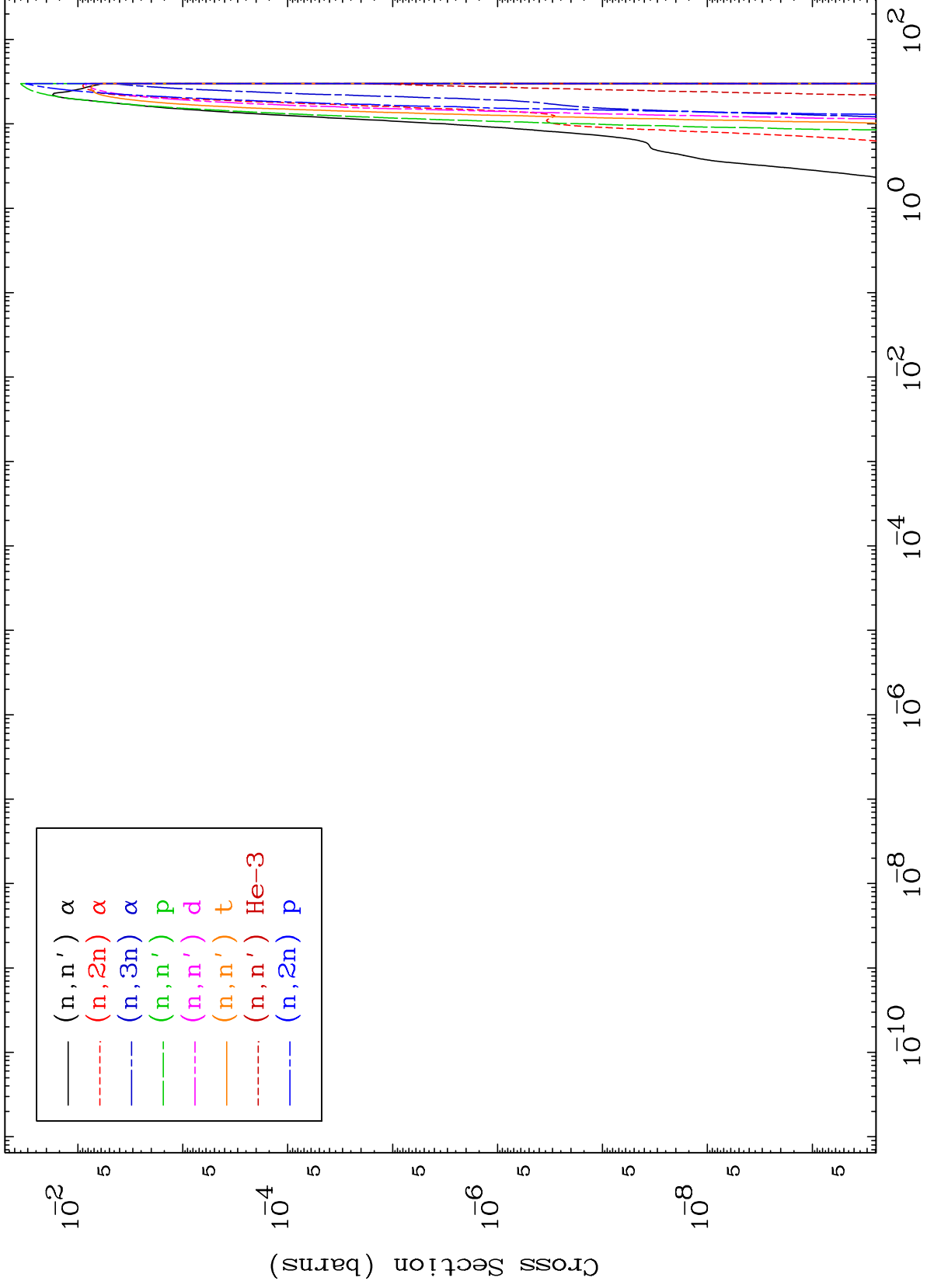
83-Bi-214m



MAT 8341

Charged Particle
293 Kelvin Cross Sections

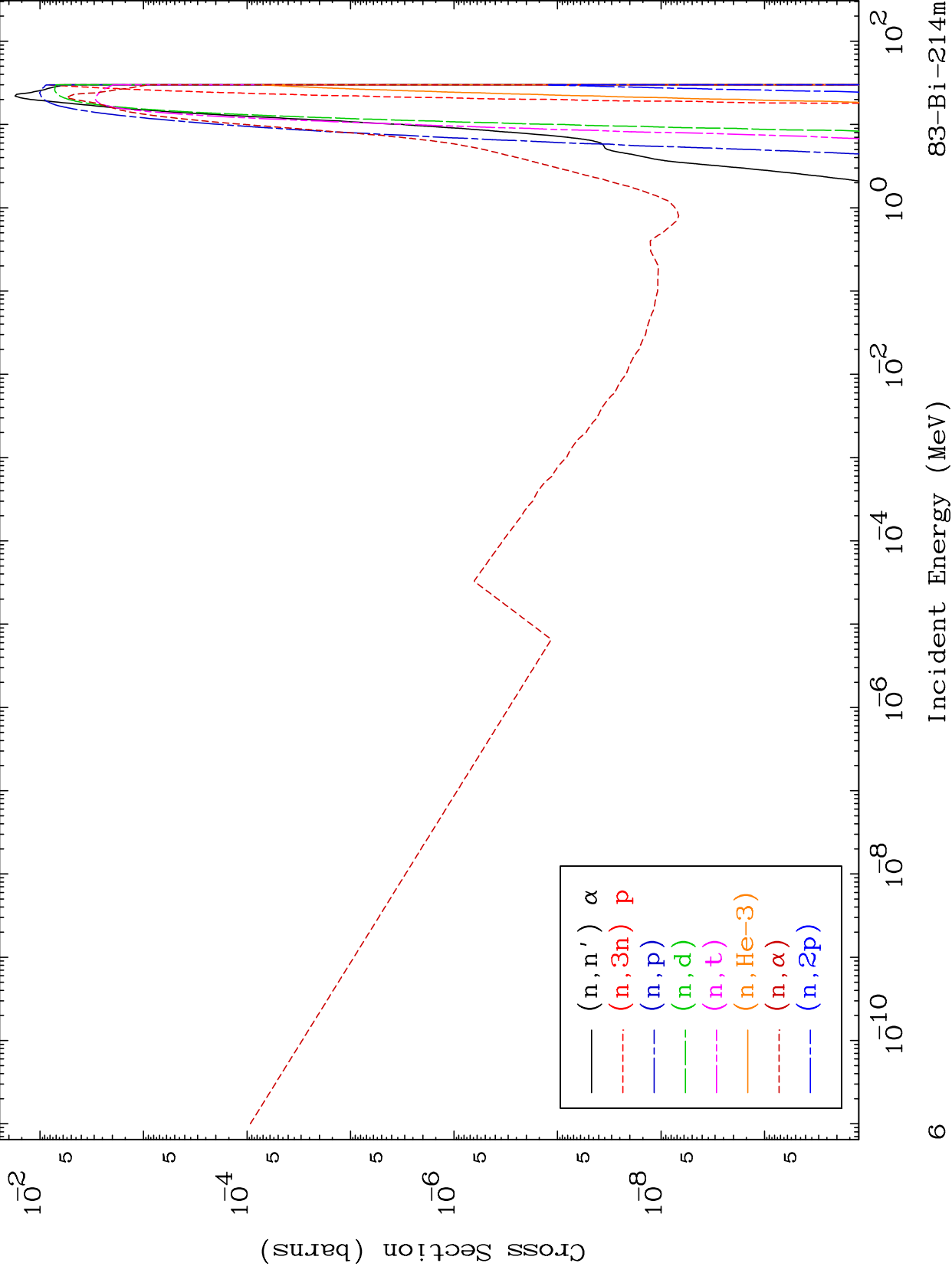
83-Bi-214m



MAT 8341

Charged Particle
293 Kelvin Cross Sections

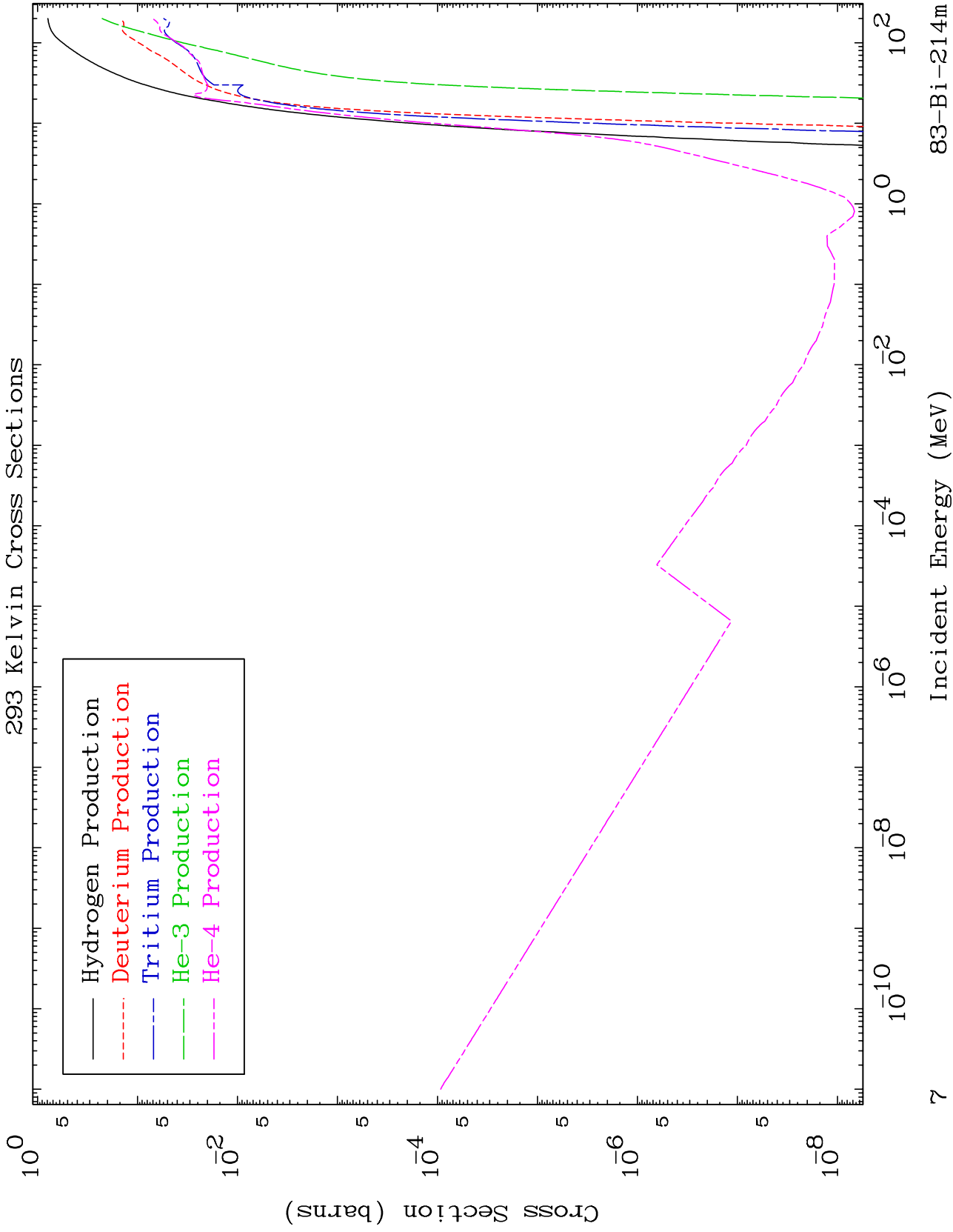
83-Bi-214m



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Particle Production
293 Kelvin Cross Sections

83-Bi-214m

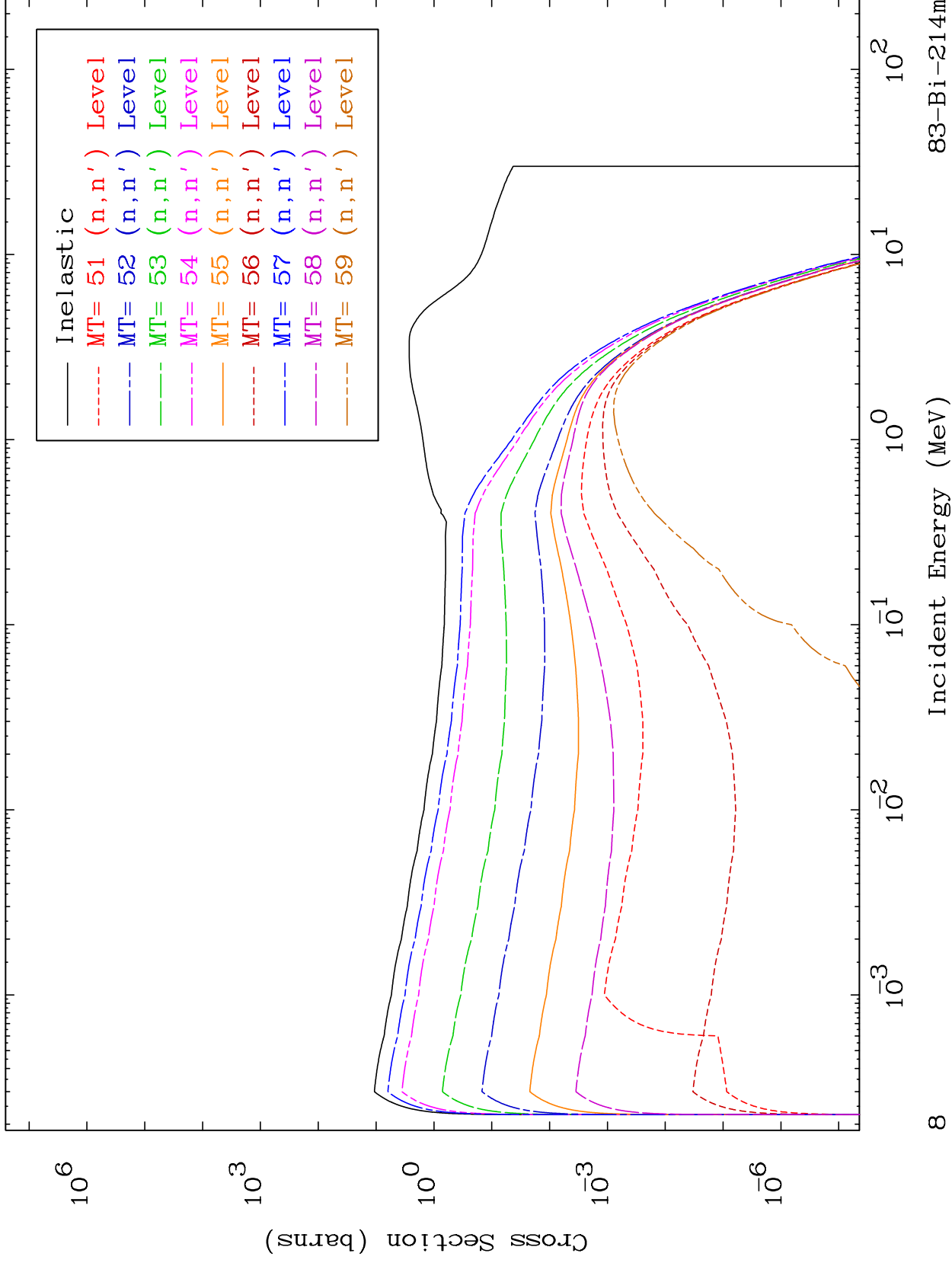


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(n,n') Levels

83-Bi-214m

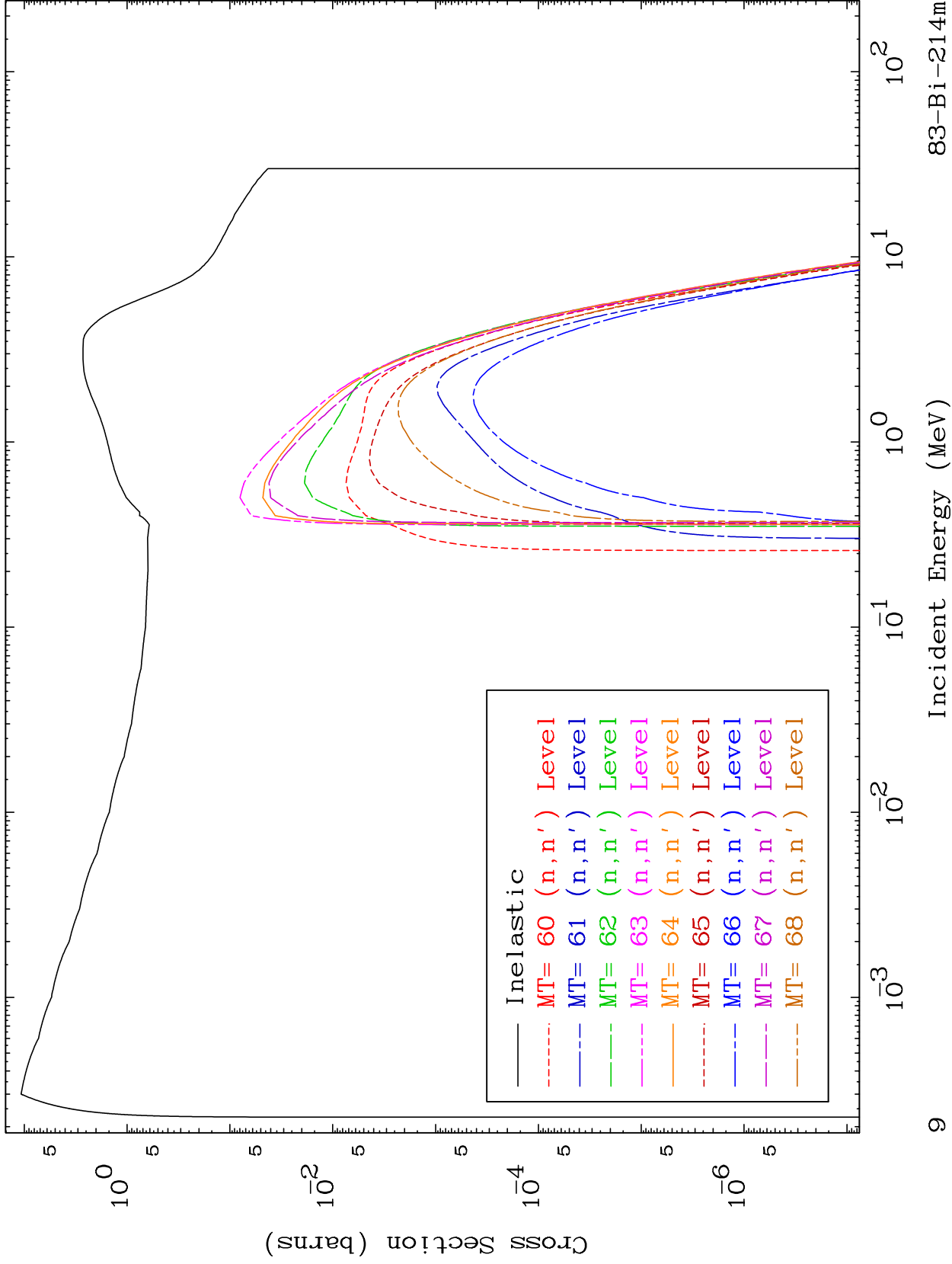
293 Kelvin Cross Sections



MAT 8341

(n,n') Levels
293 Kelvin Cross Sections

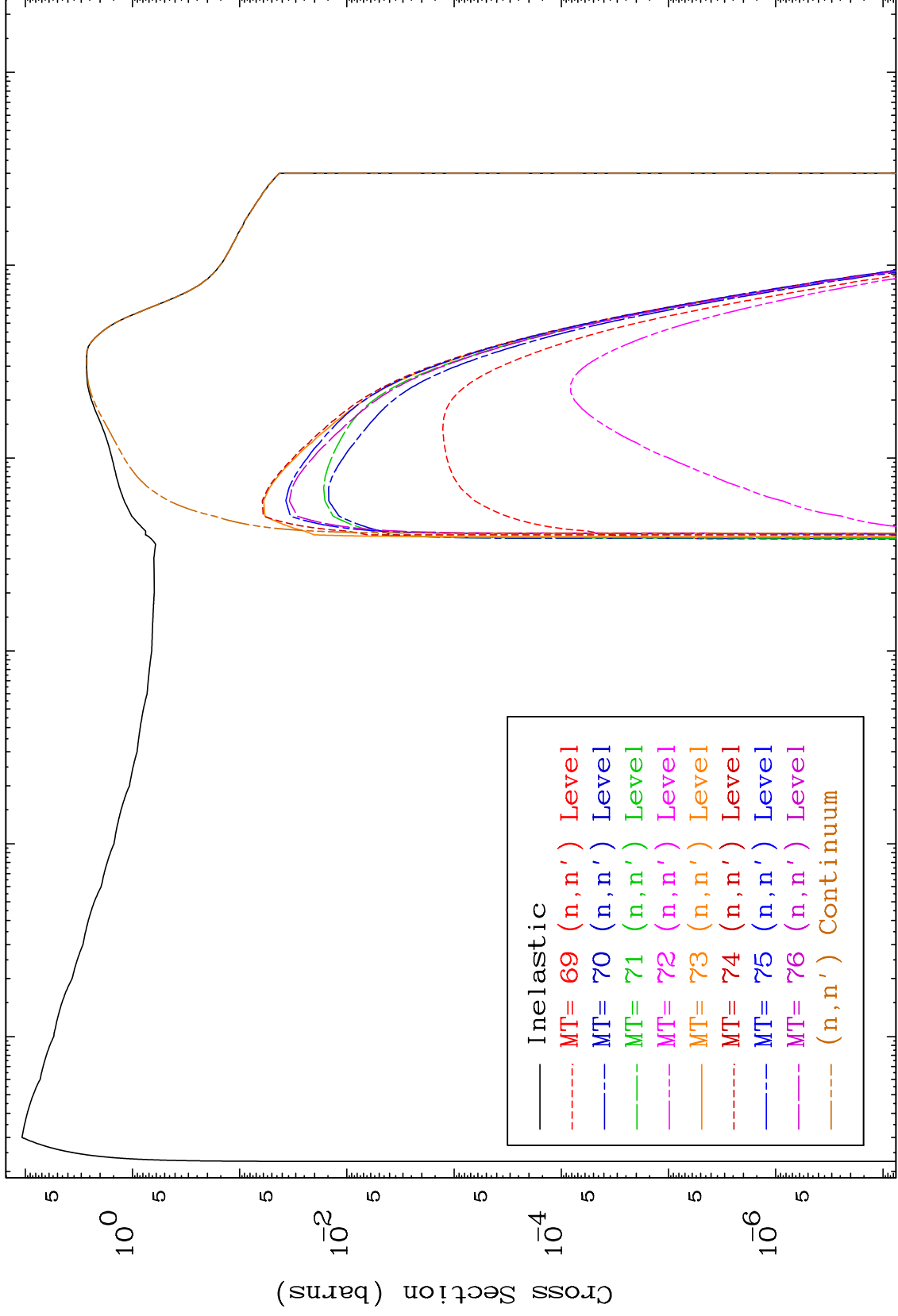
83-Bi-214m



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(n,n') Levels
293 Kelvin Cross Sections

83-Bi-214m



10

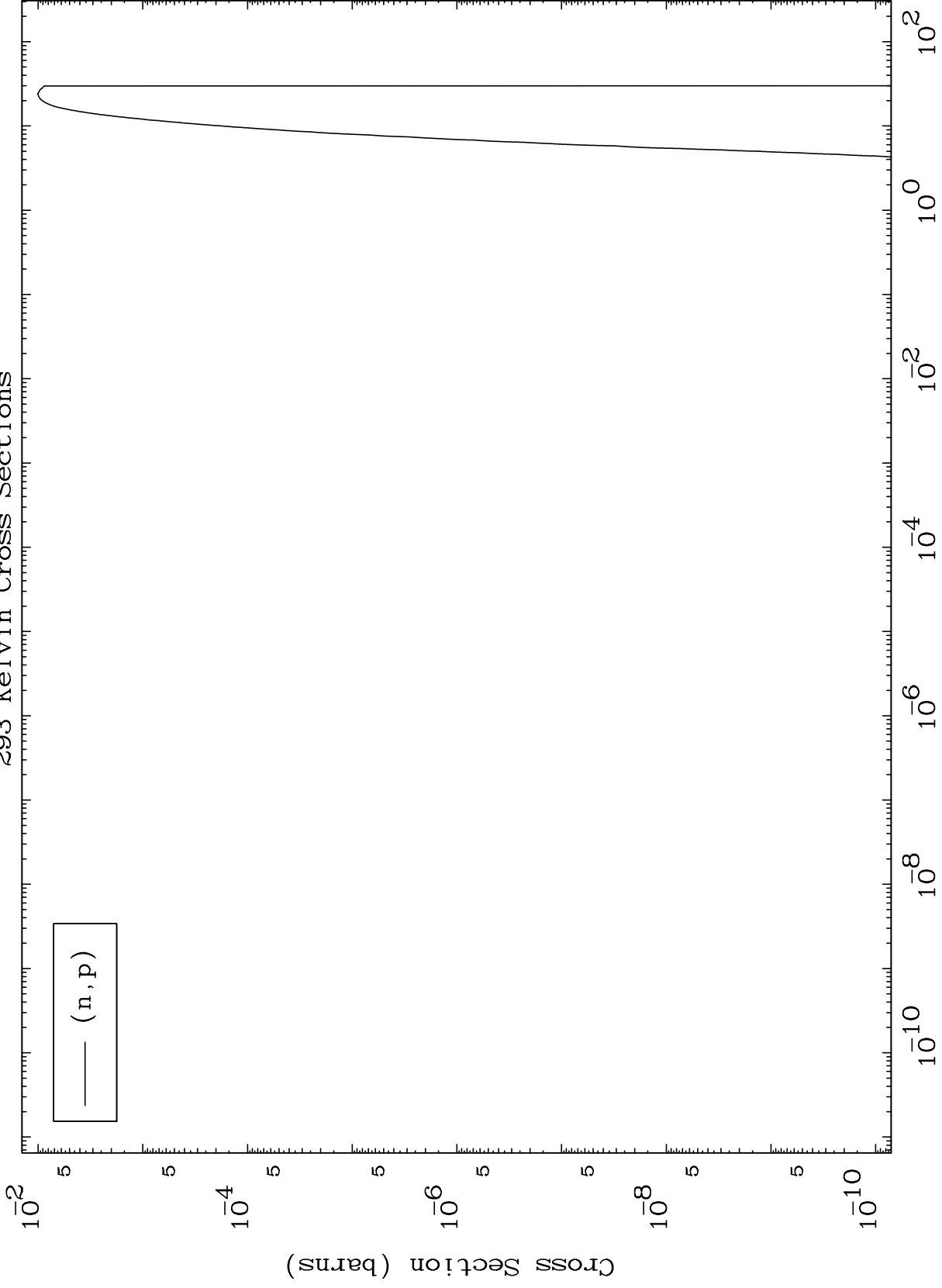
Incident Energy (MeV)

83-Bi-214m

MAT 8341

(n,p) Levels
293 Kelvin Cross Sections

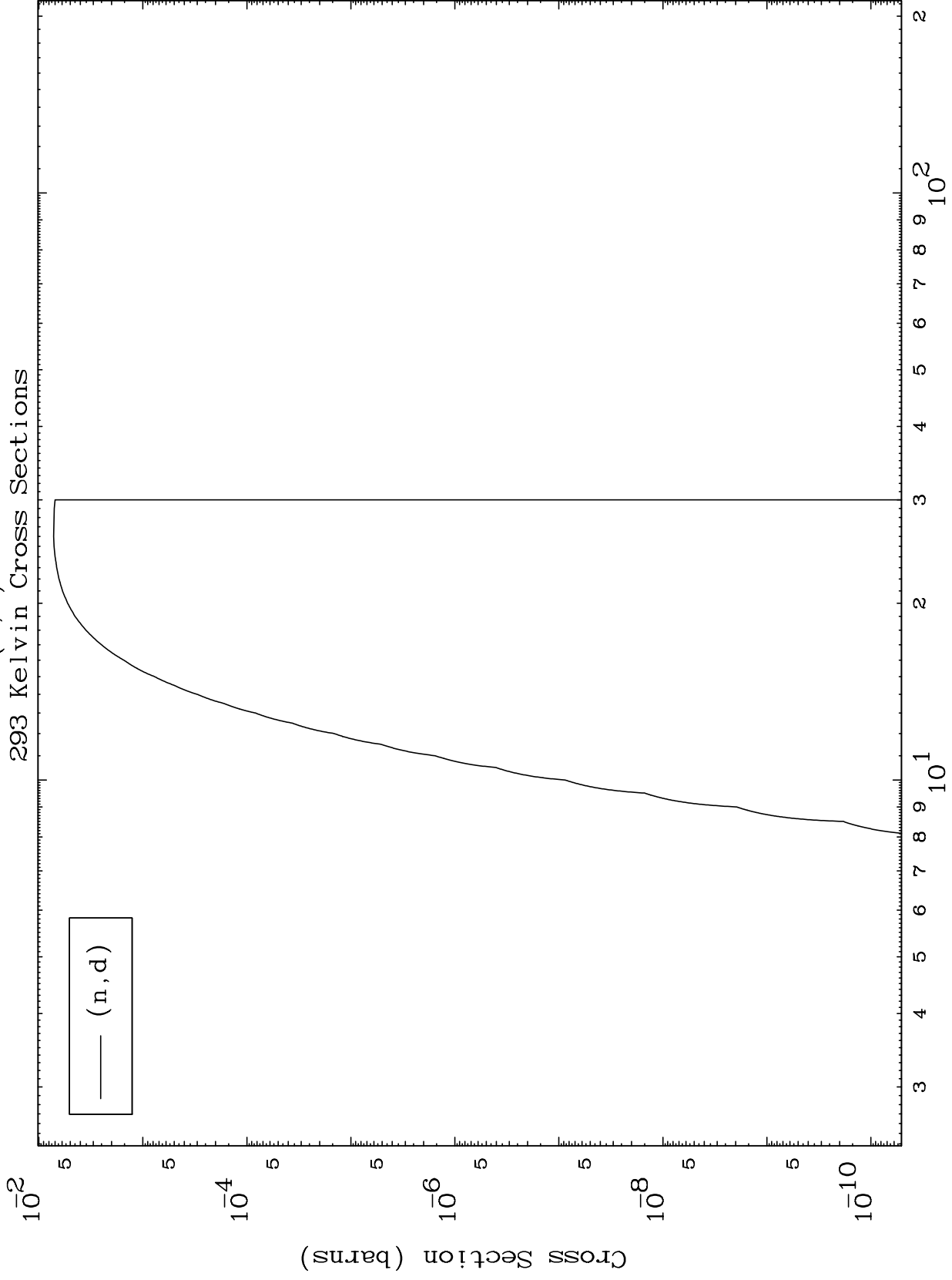
83-Bi-214m



MAT 8341

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-214m



12

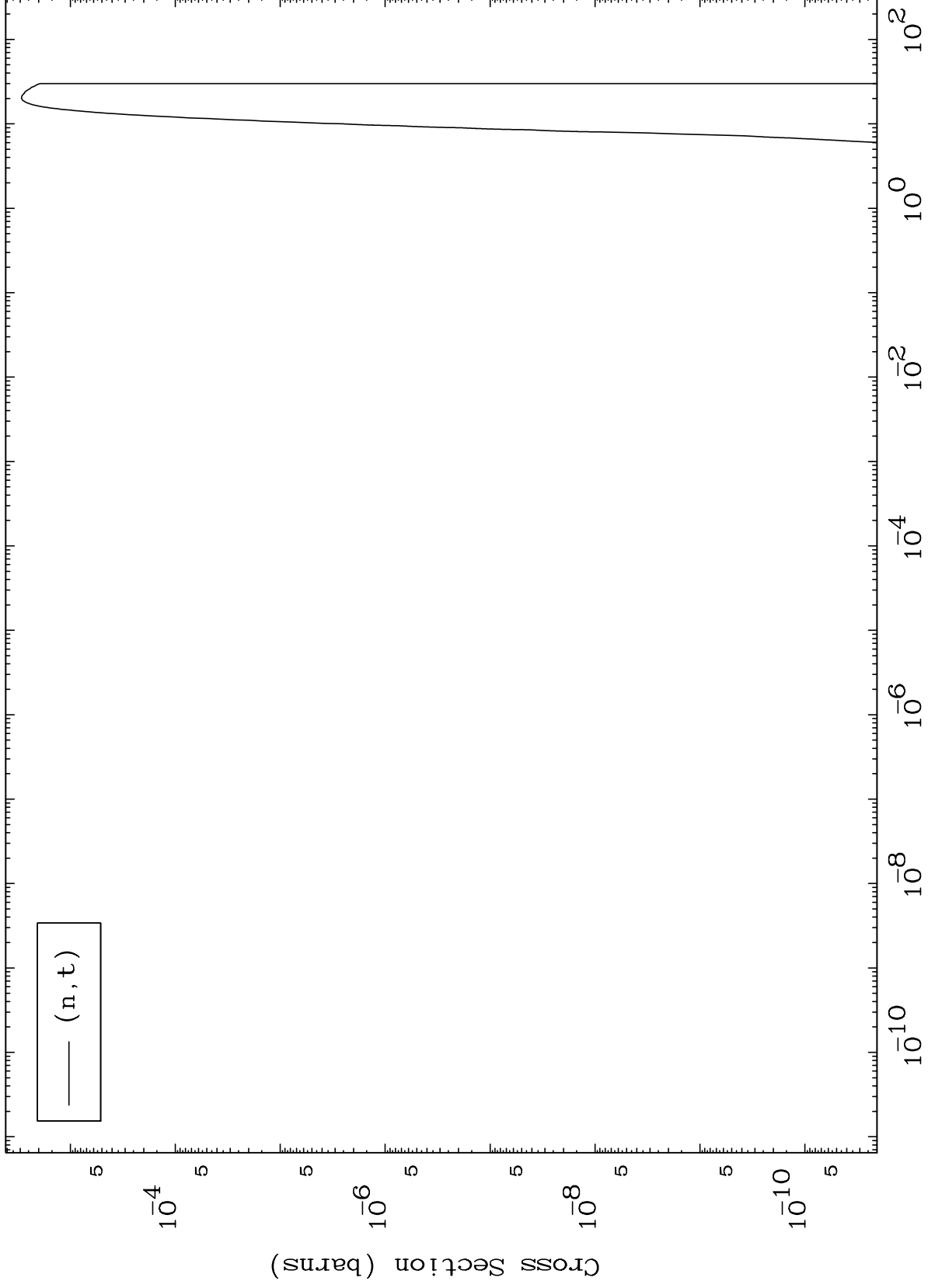
Incident Energy (MeV)

83-Bi-214m

MAT 8341

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-214m



13

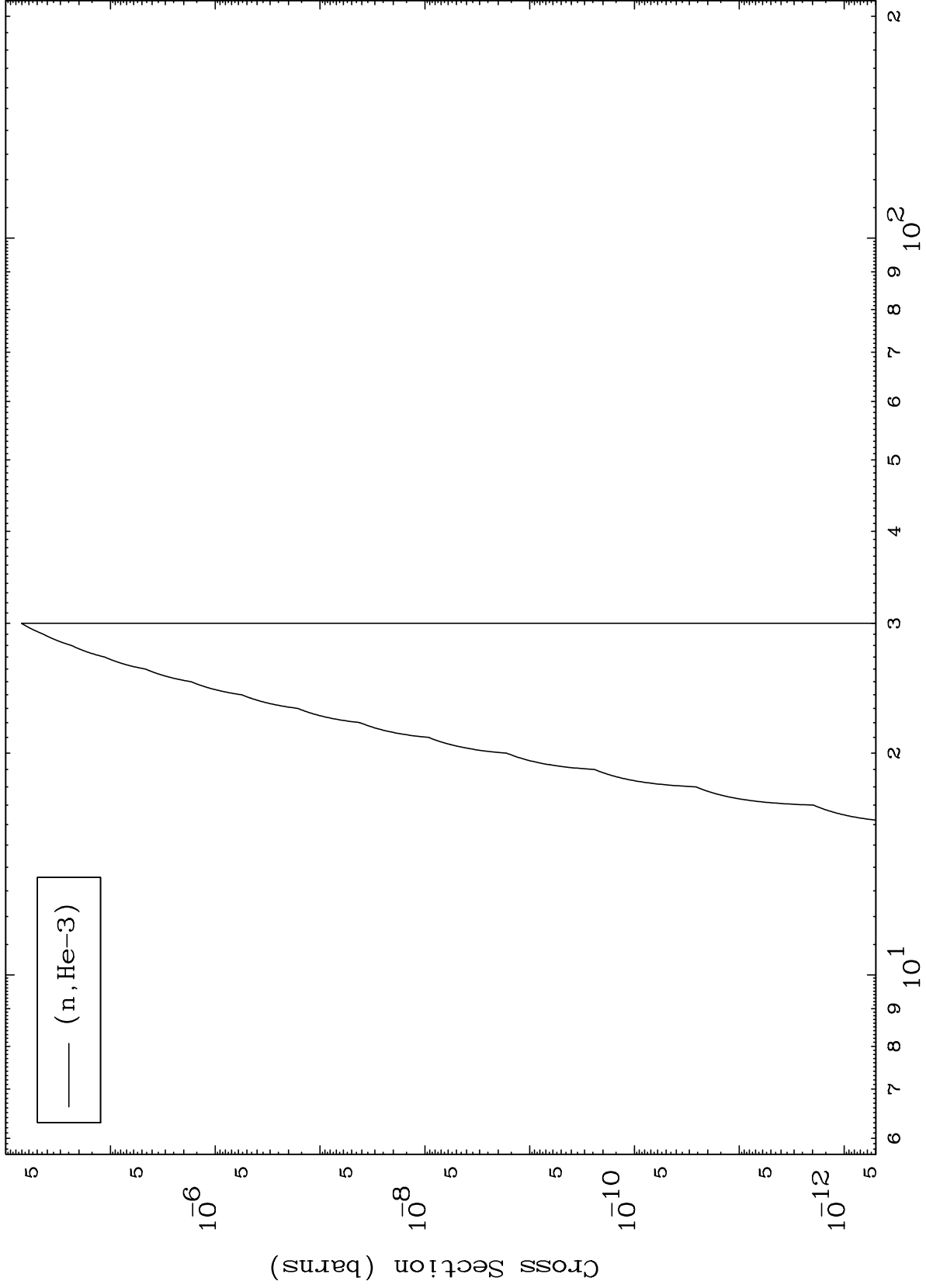
Incident Energy (MeV)

83-Bi-214m

MAT 8341

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-214m



14

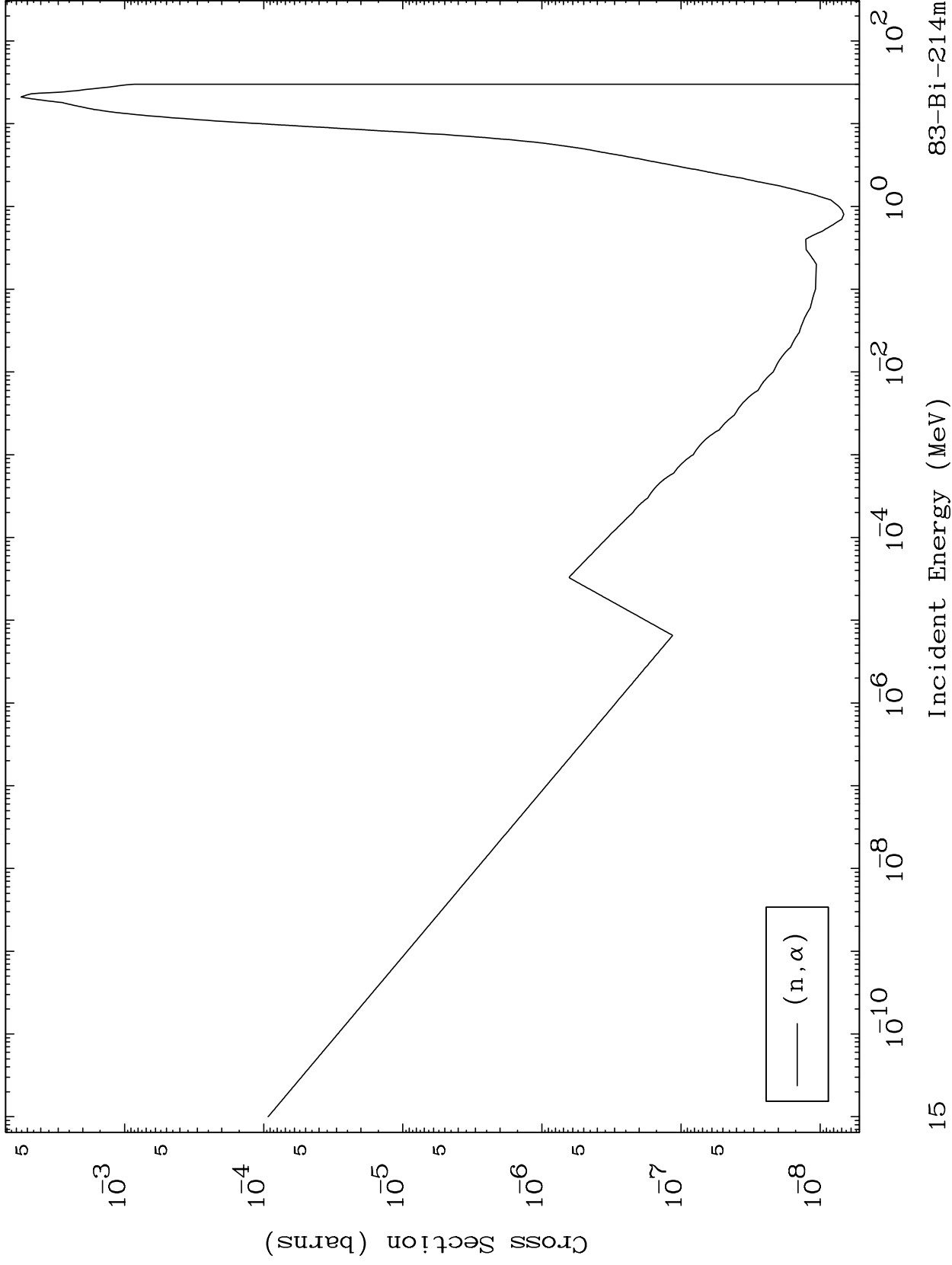
Incident Energy (MeV)

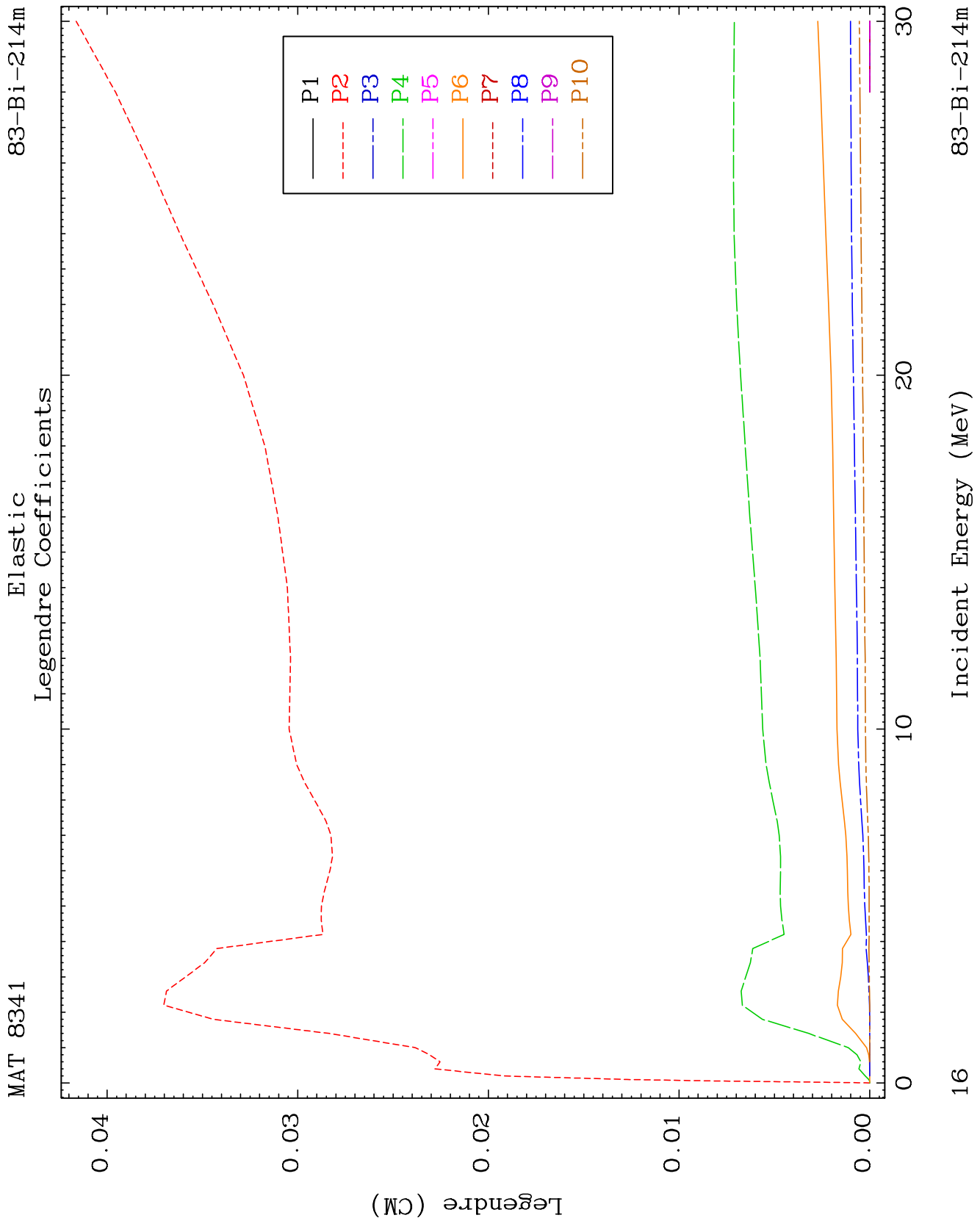
83-Bi-214m

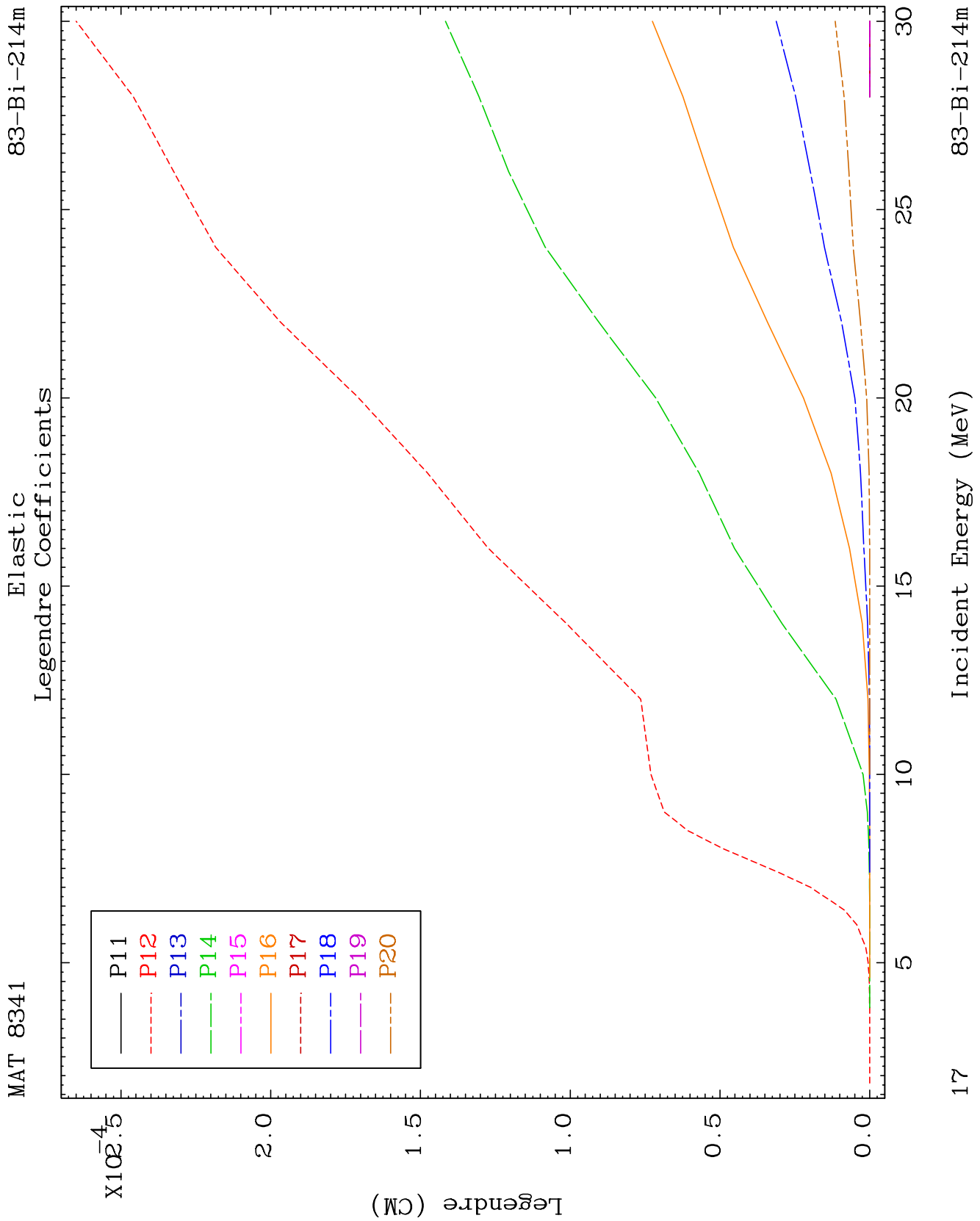
MAT 8341

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-214m



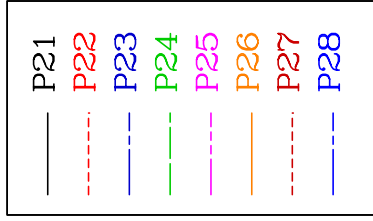




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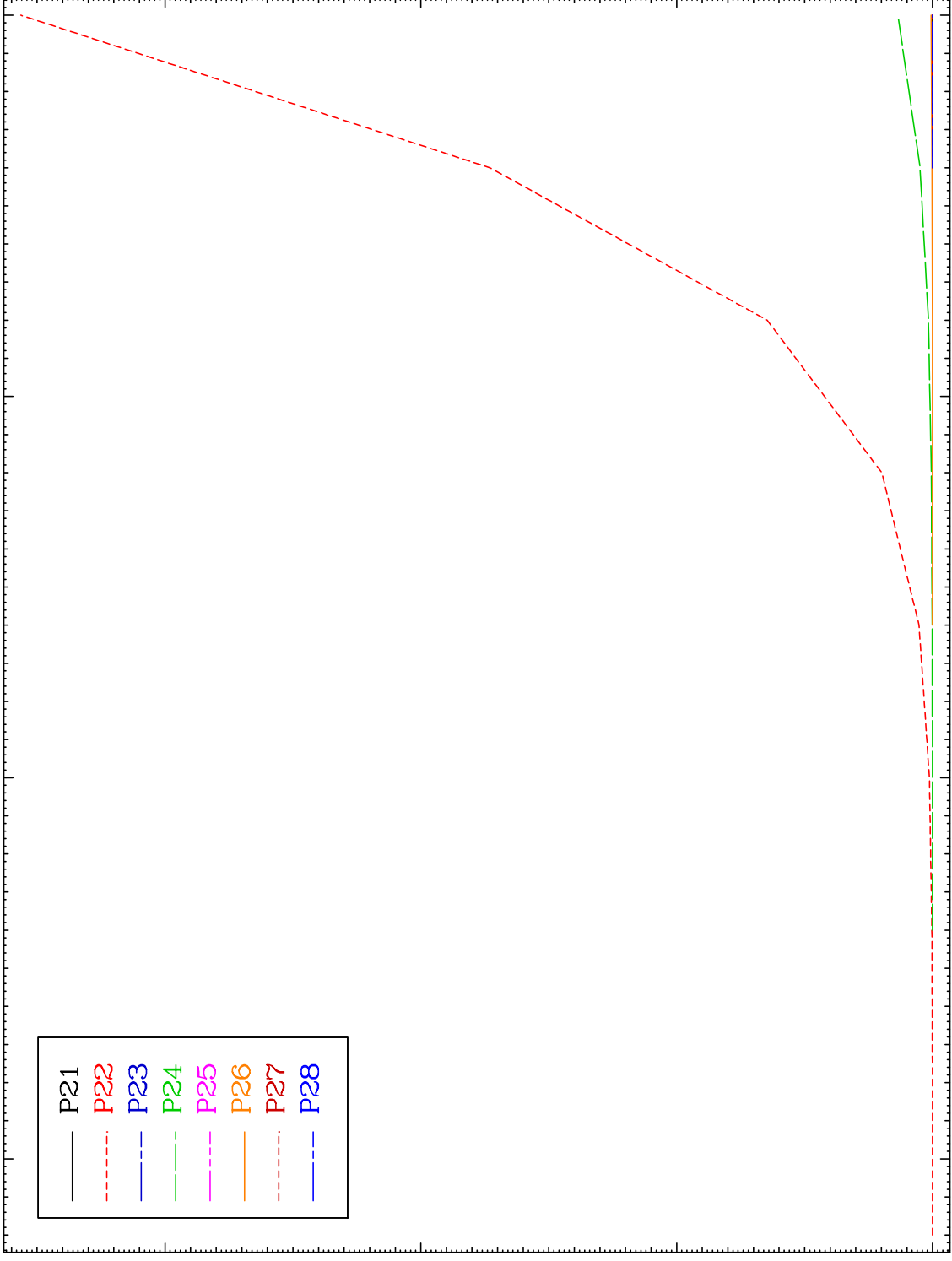
Elastic
Legendre Coefficients

83-Bi-214m



$\times 10^{-6}$

Legendre (CM)



18

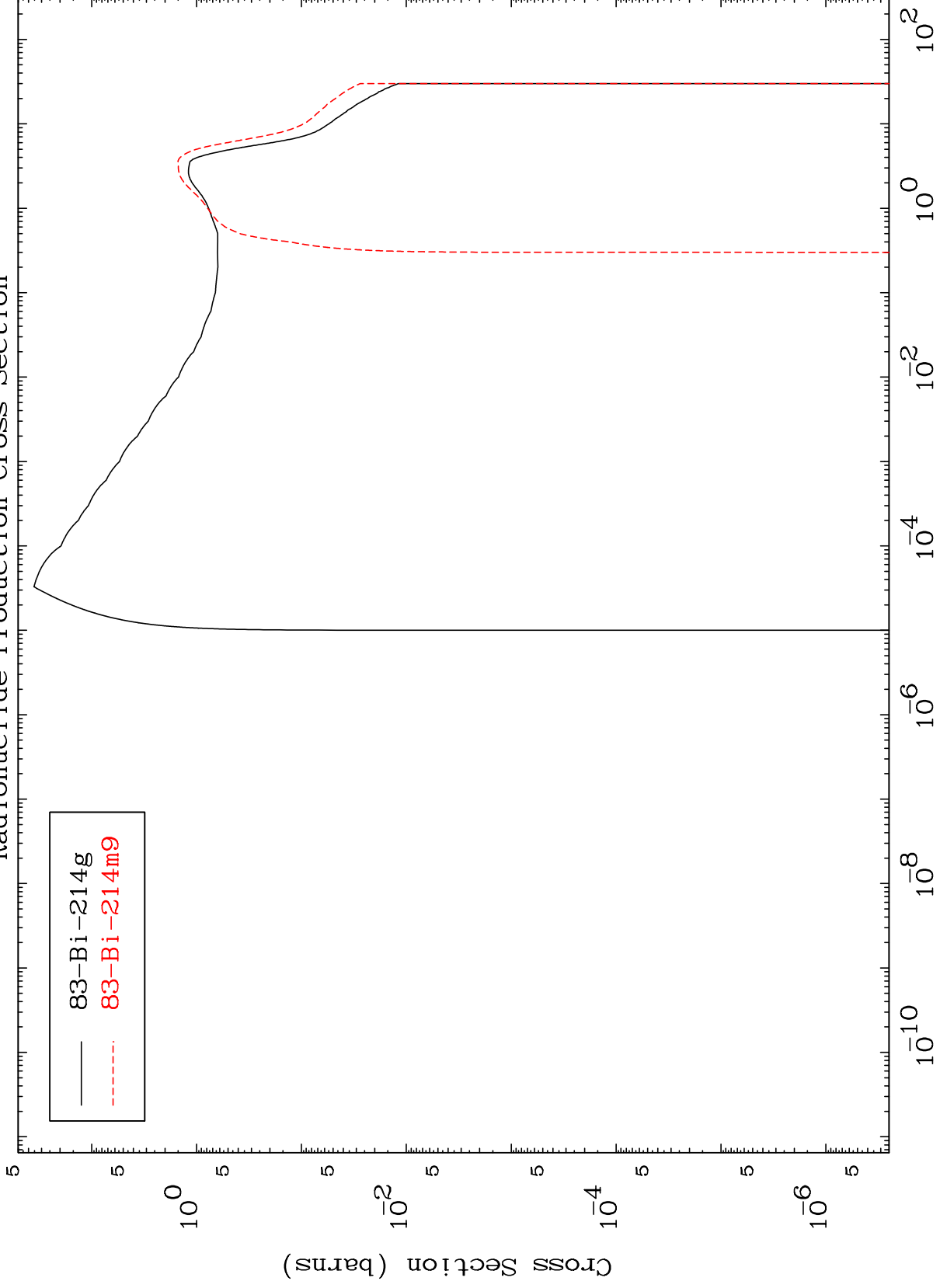
Incident Energy (MeV)

83-Bi-214m

MAT 8341

83-Bi-214m

Inelastic
Radionuclide Production Cross Section

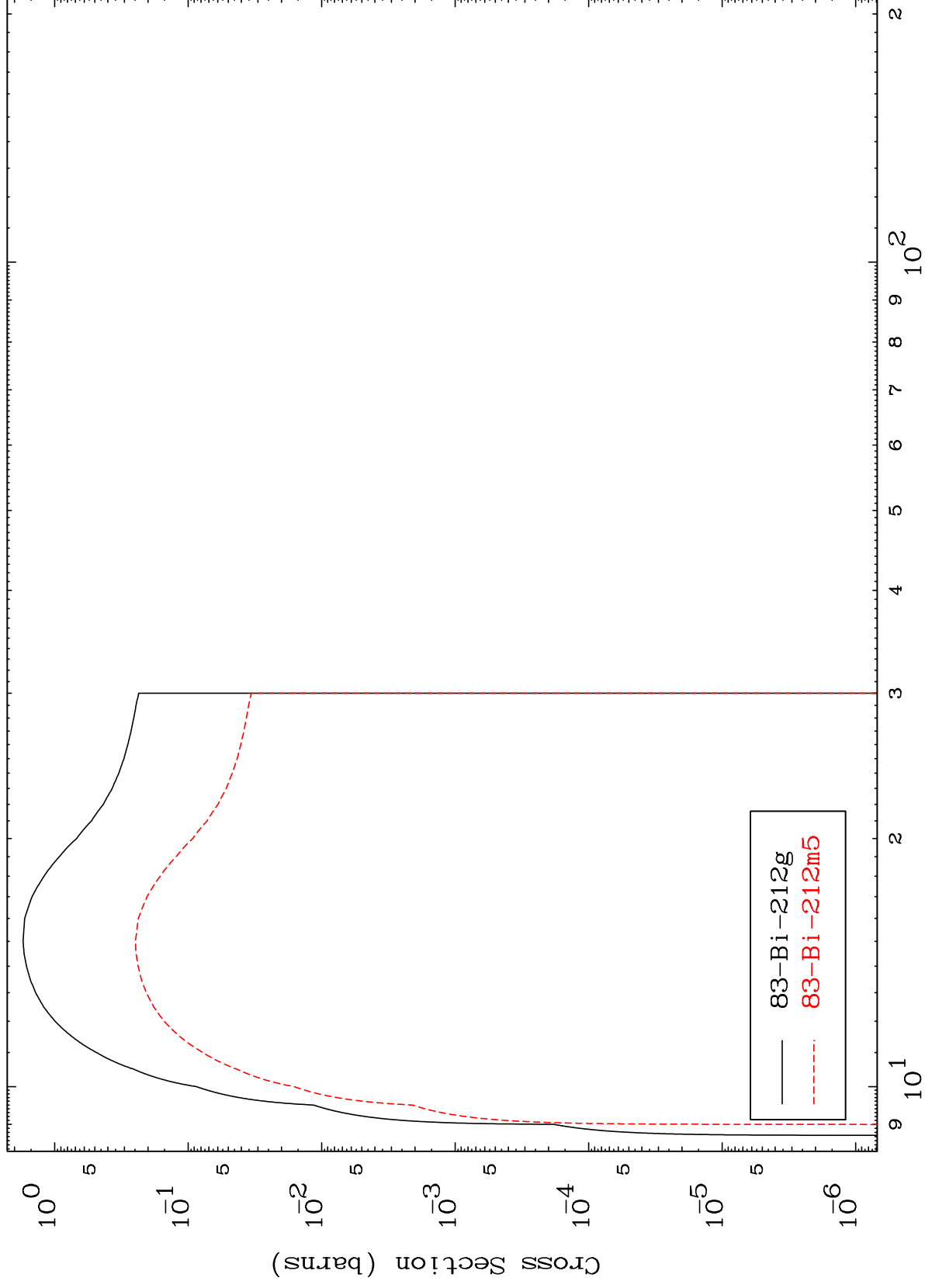


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(n,3n)

83-Bi-214m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-214m

20

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Fission
Radionuclide Production Cross Section

⁸³Bi-214m

