

Program EVALPLOT
(Version 2021-1)

by

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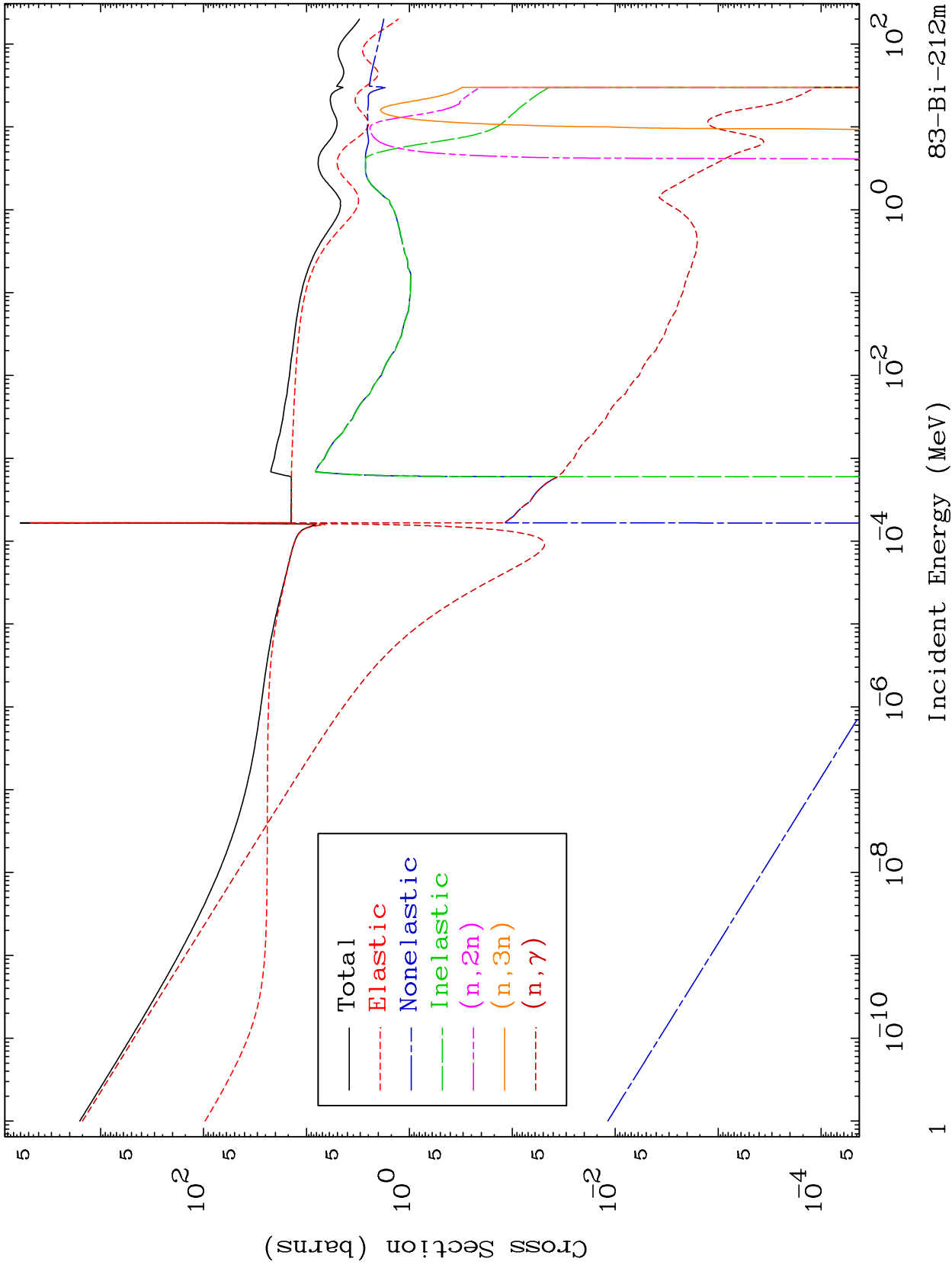
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8335

Neutron Major
293 Kelvin Cross Sections

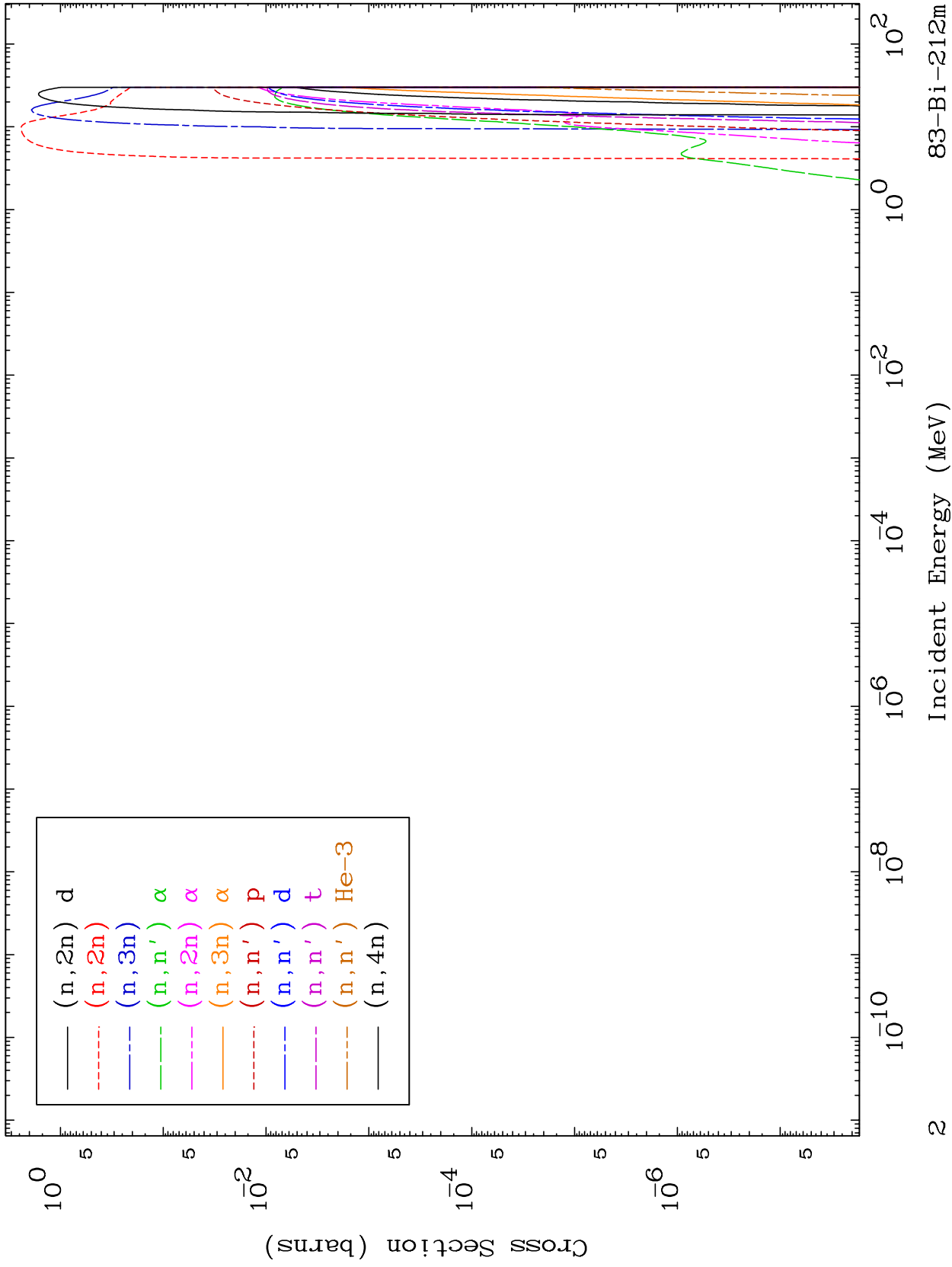
83-Bi-212m



MAT 8335

Neutron Absorption
293 Kelvin Cross Sections

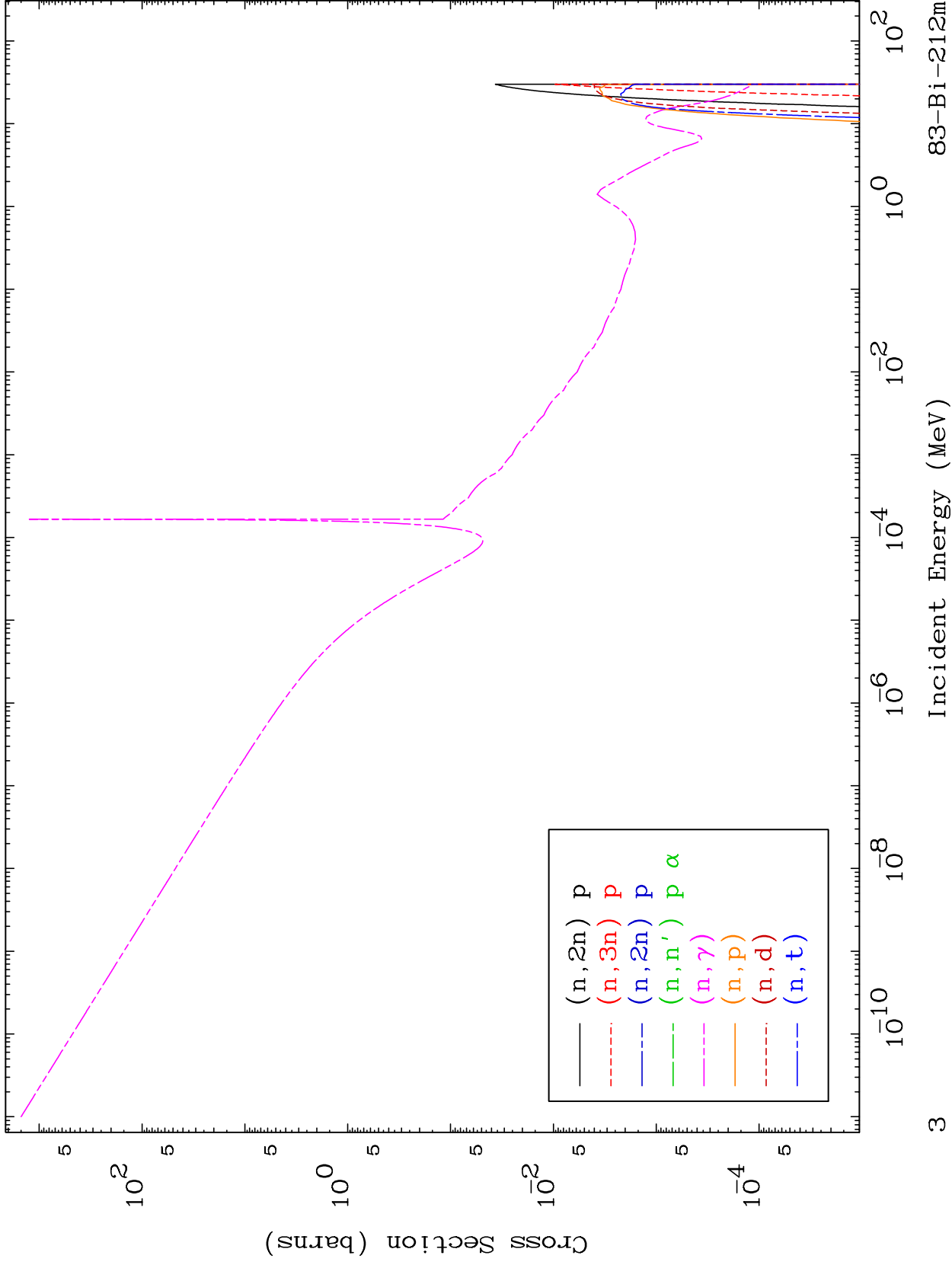
83-Bi-212m



MAT 8335

Neutron Absorption
293 Kelvin Cross Sections

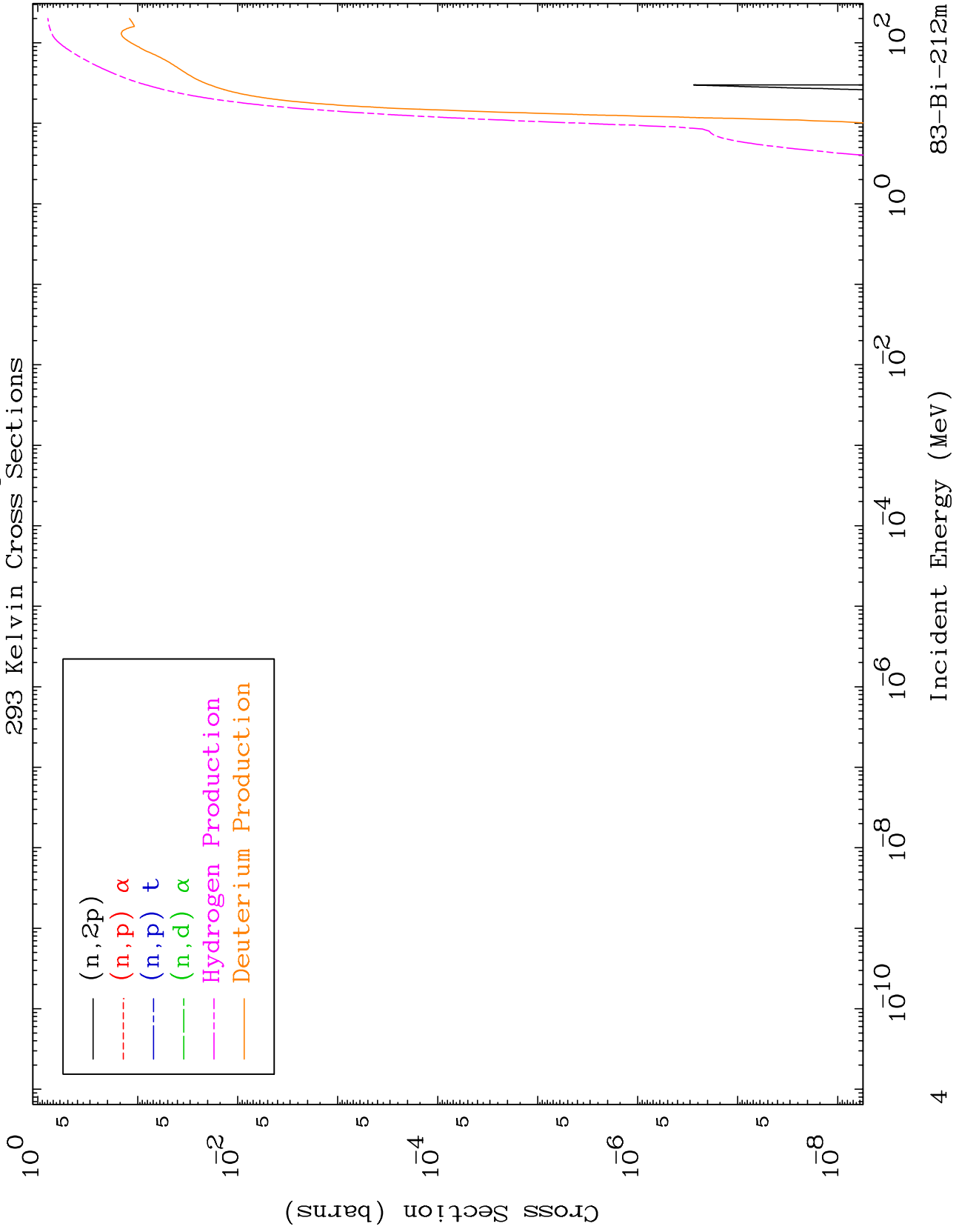
83-Bi-212m



MAT 8335

Neutron Absorption
293 Kelvin Cross Sections

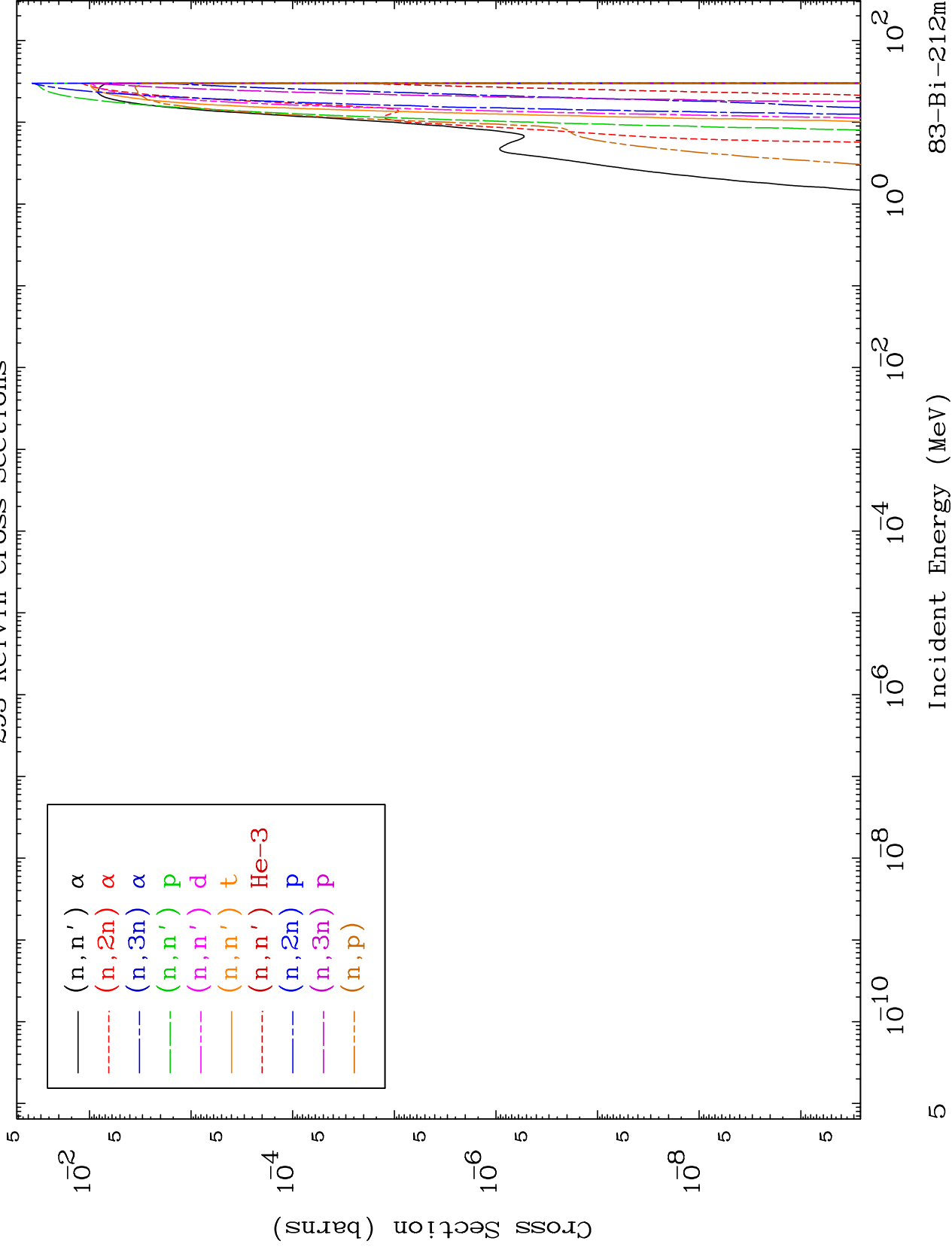
⁸³Bi-212m



MAT 8335

Charged Particle
293 Kelvin Cross Sections

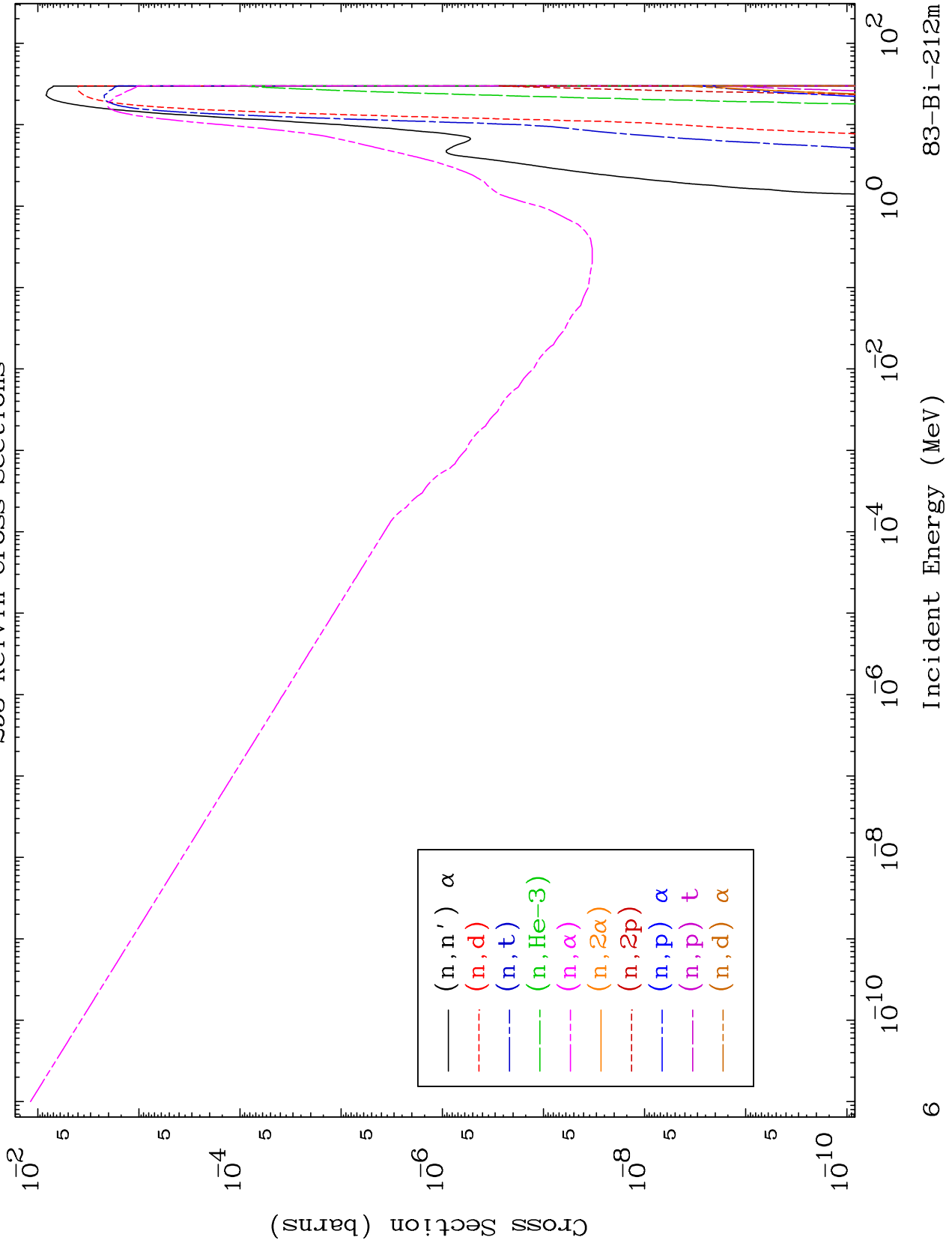
83-Bi-212m



MAT 8335

Charged Particle
293 Kelvin Cross Sections

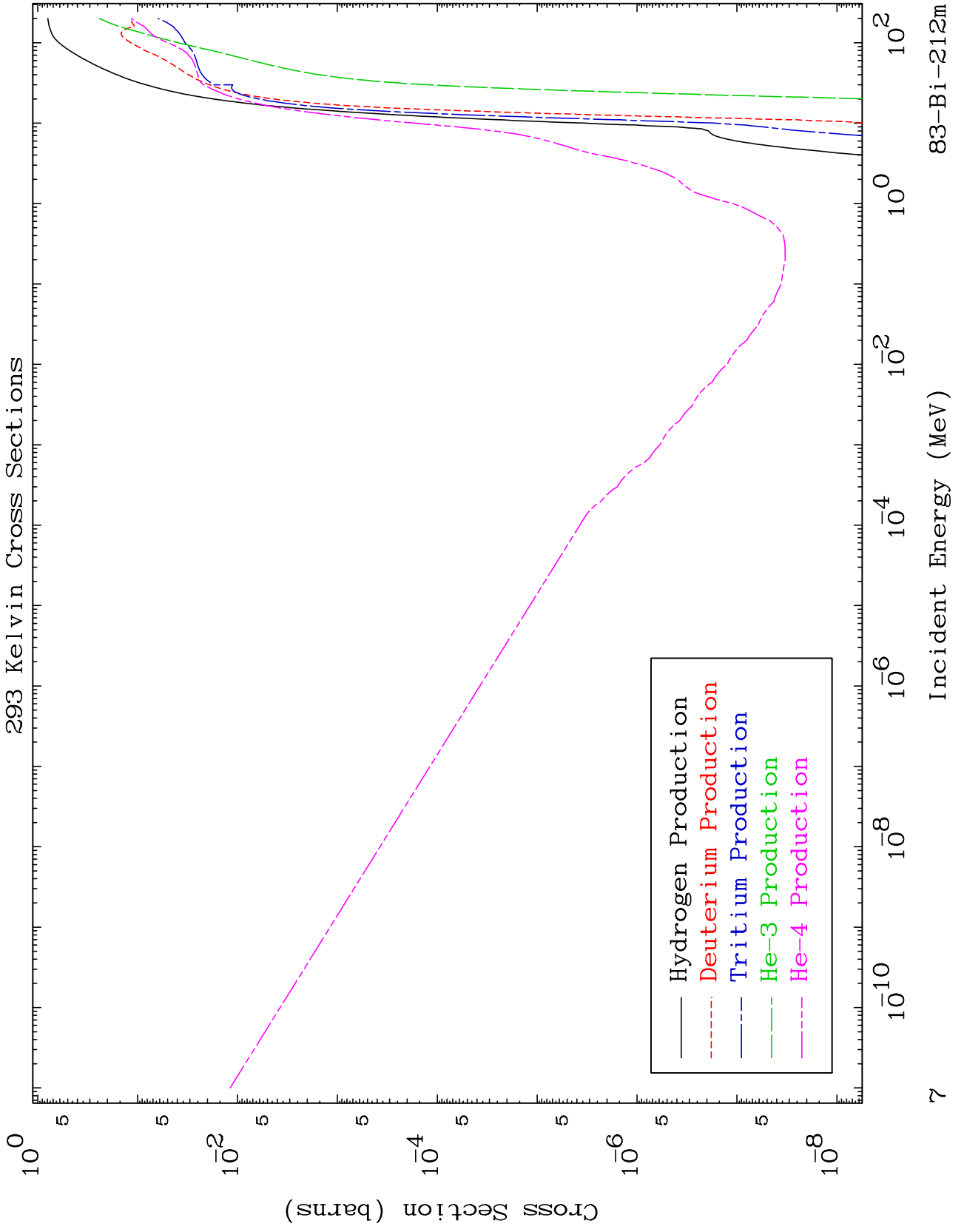
83-Bi-212m



MAT 8335

Particle Production
293 Kelvin Cross Sections

83-Bi-212m

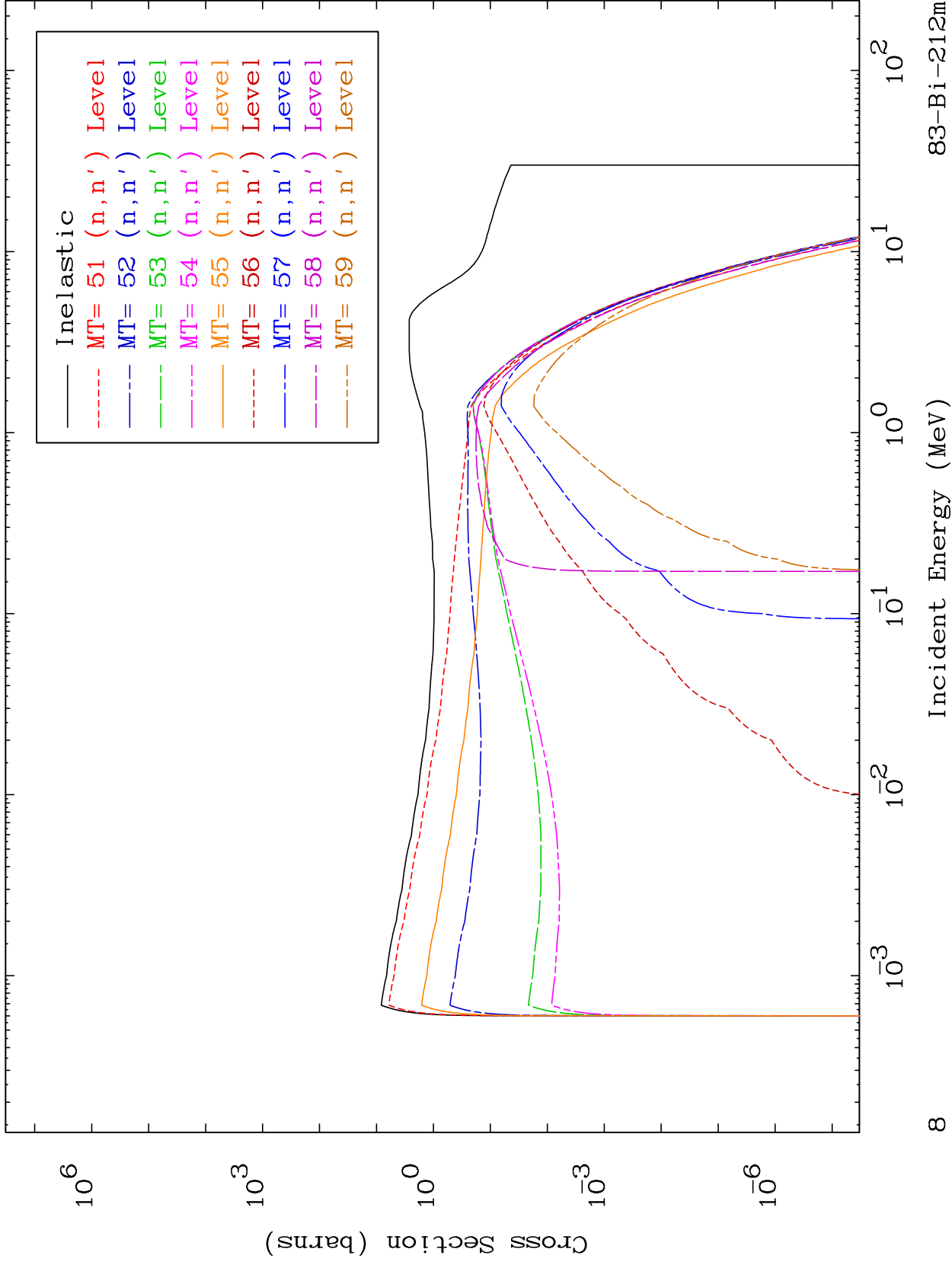


MAT 8335

(n,n') Levels

293 Kelvin Cross Sections

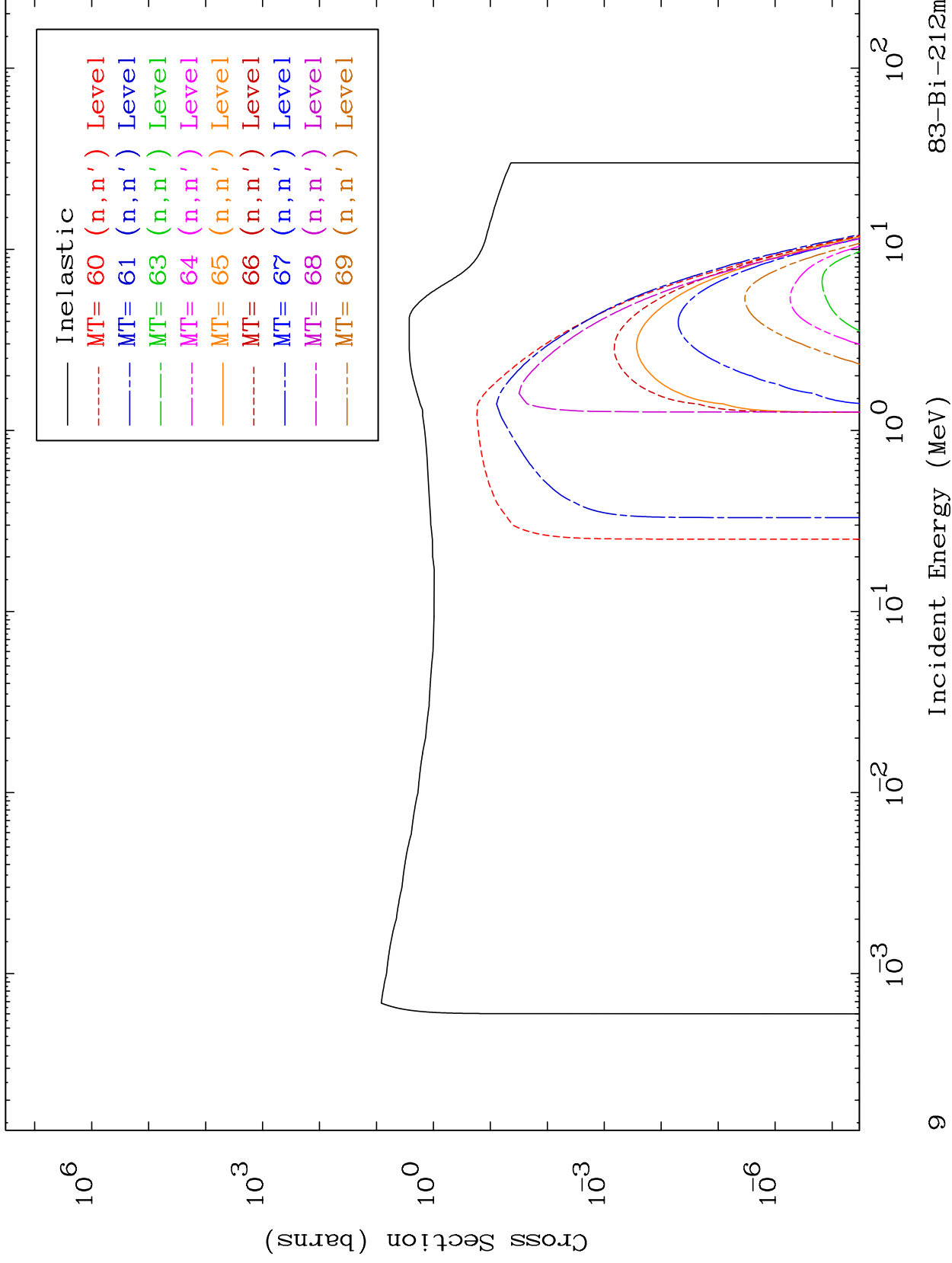
83-Bi-212m



MAT 8335

(n,n') Levels
293 Kelvin Cross Sections

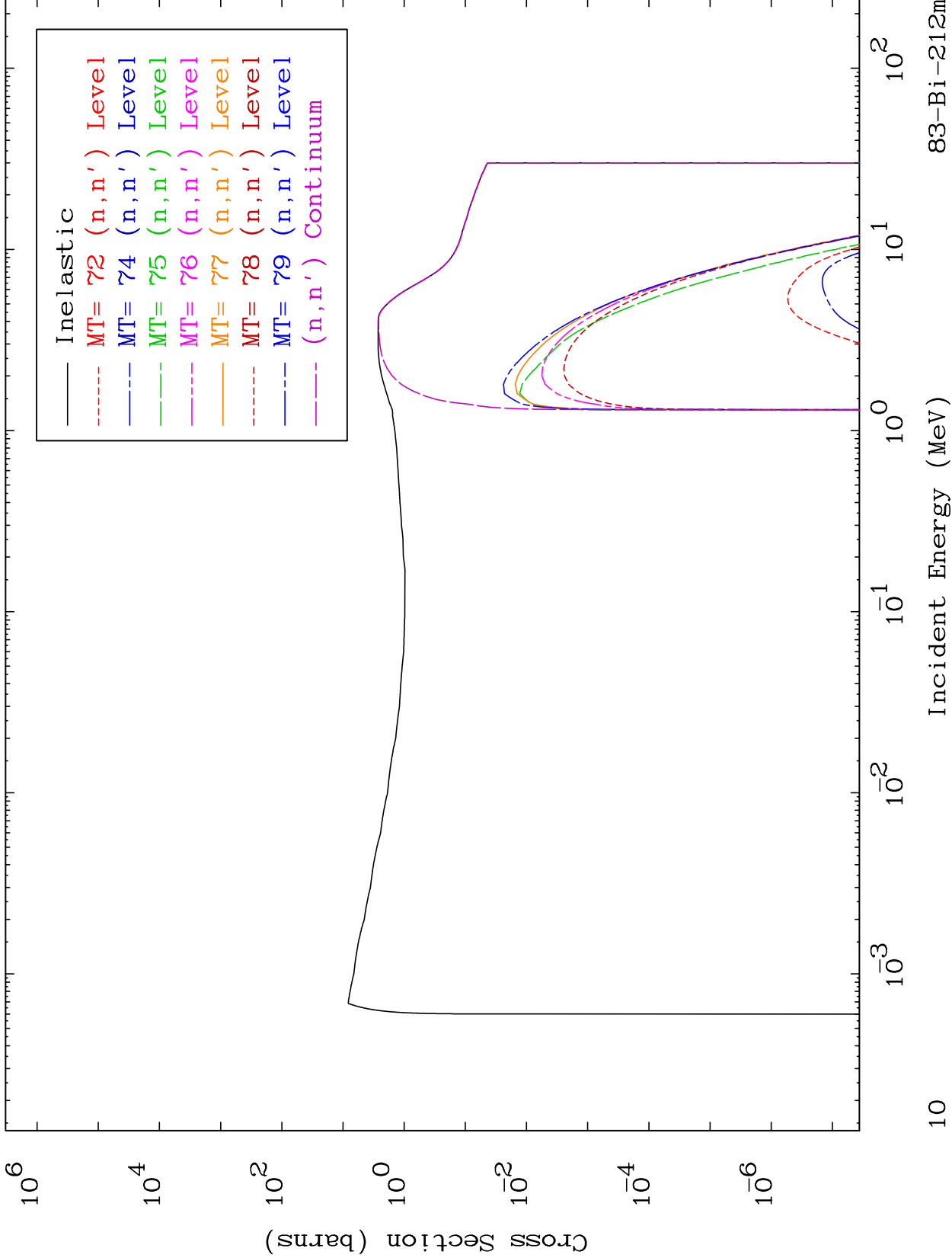
83-Bi-212m



MAT 8335

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-212m



10

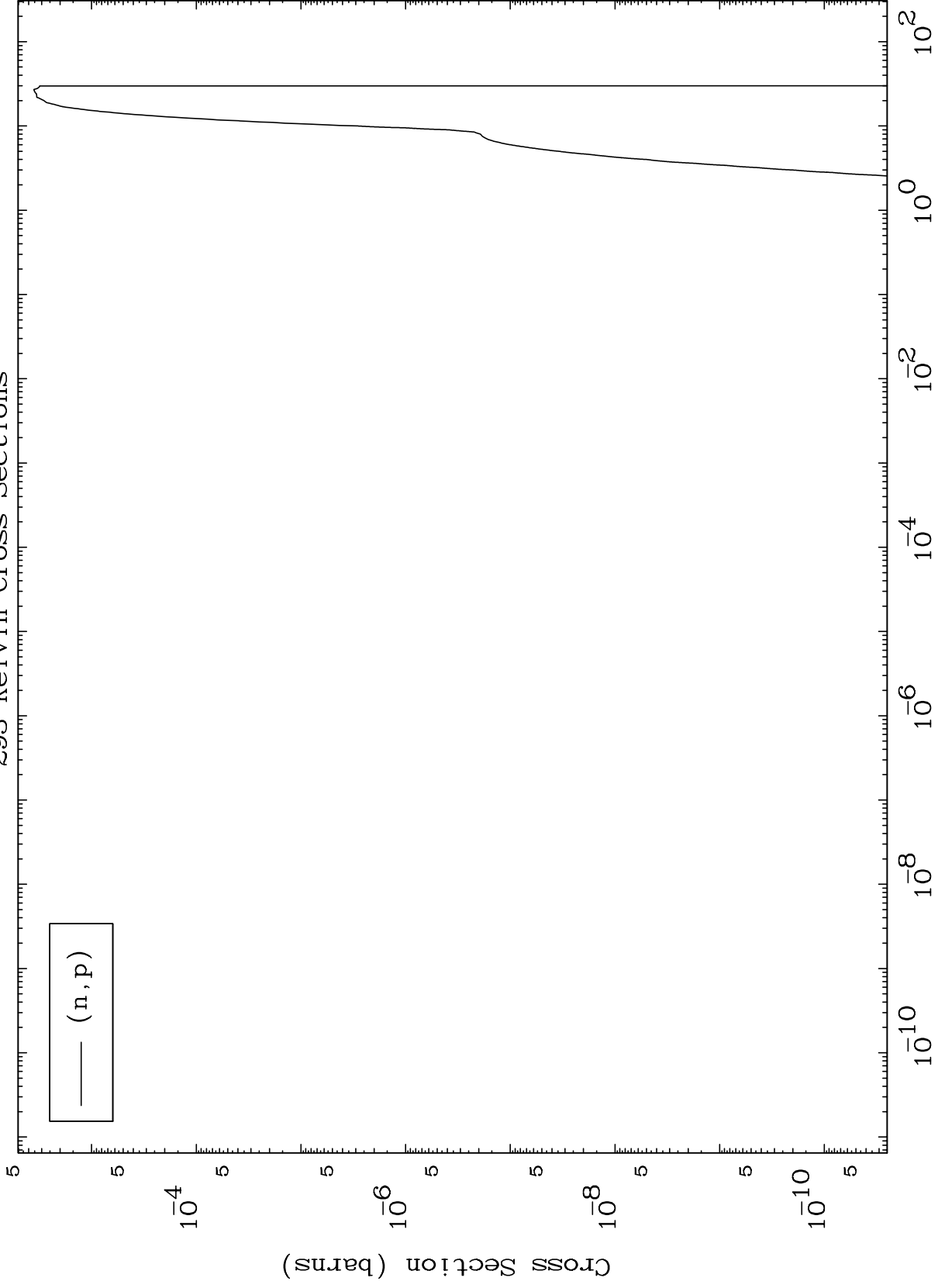
Incident Energy (MeV)

83-Bi-212m

MAT 8335

(n,p) Levels
293 Kelvin Cross Sections

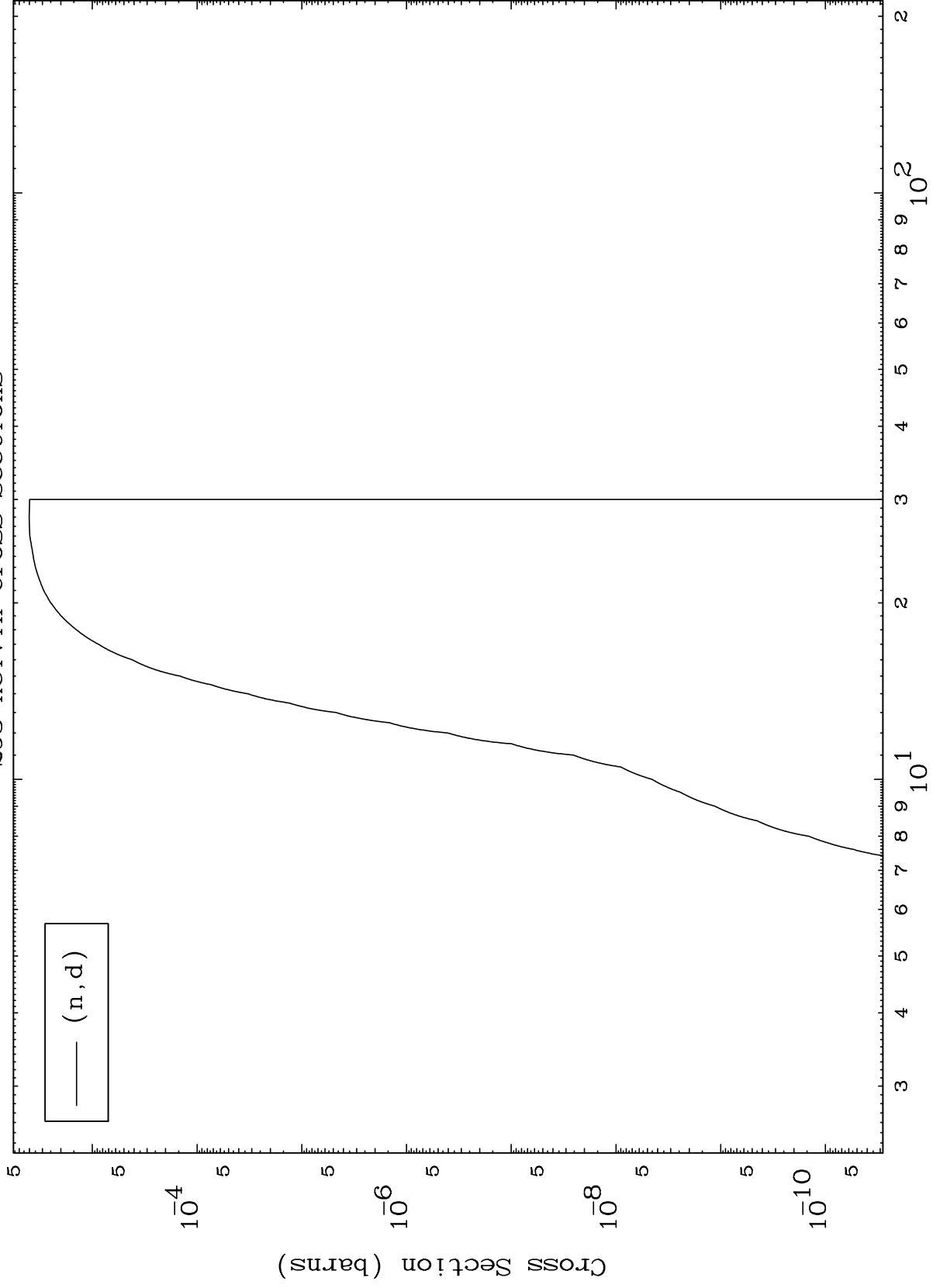
83-Bi-212m



MAT 8335

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-212m



12

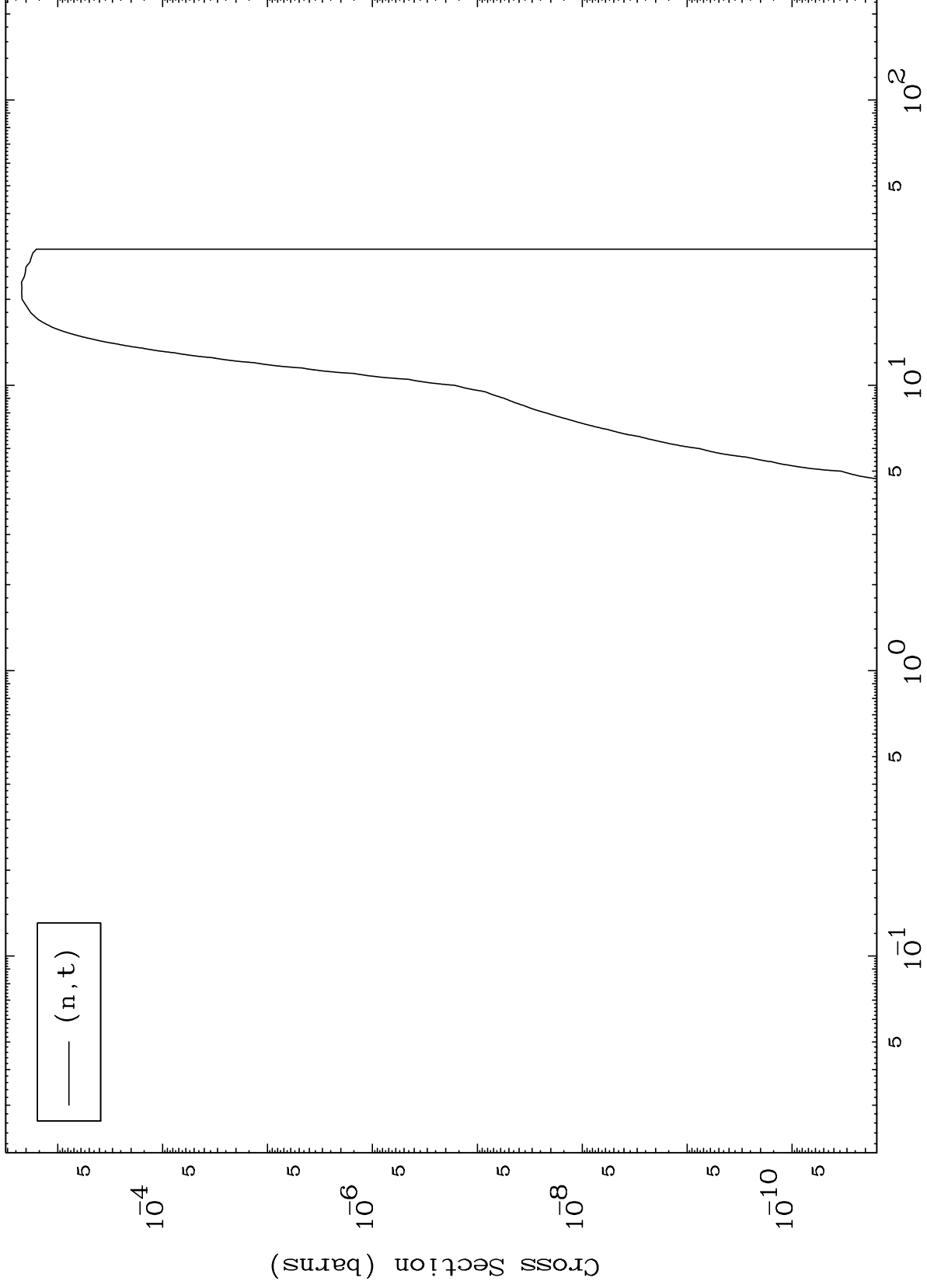
Incident Energy (MeV)

83-Bi-212m

MAT 8335

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-212m



13

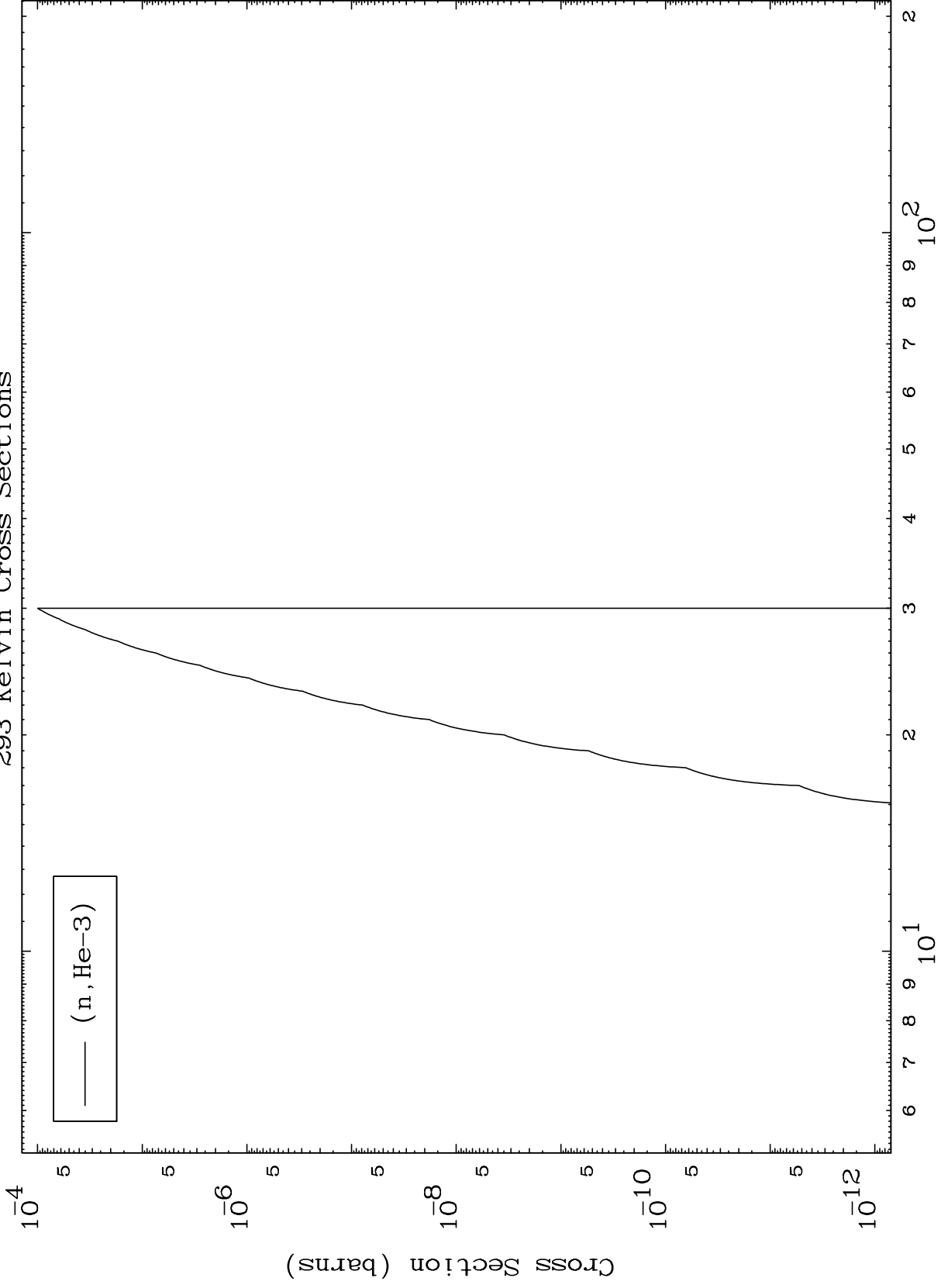
Incident Energy (MeV)

83-Bi-212m

MAT 8335

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-212m



14

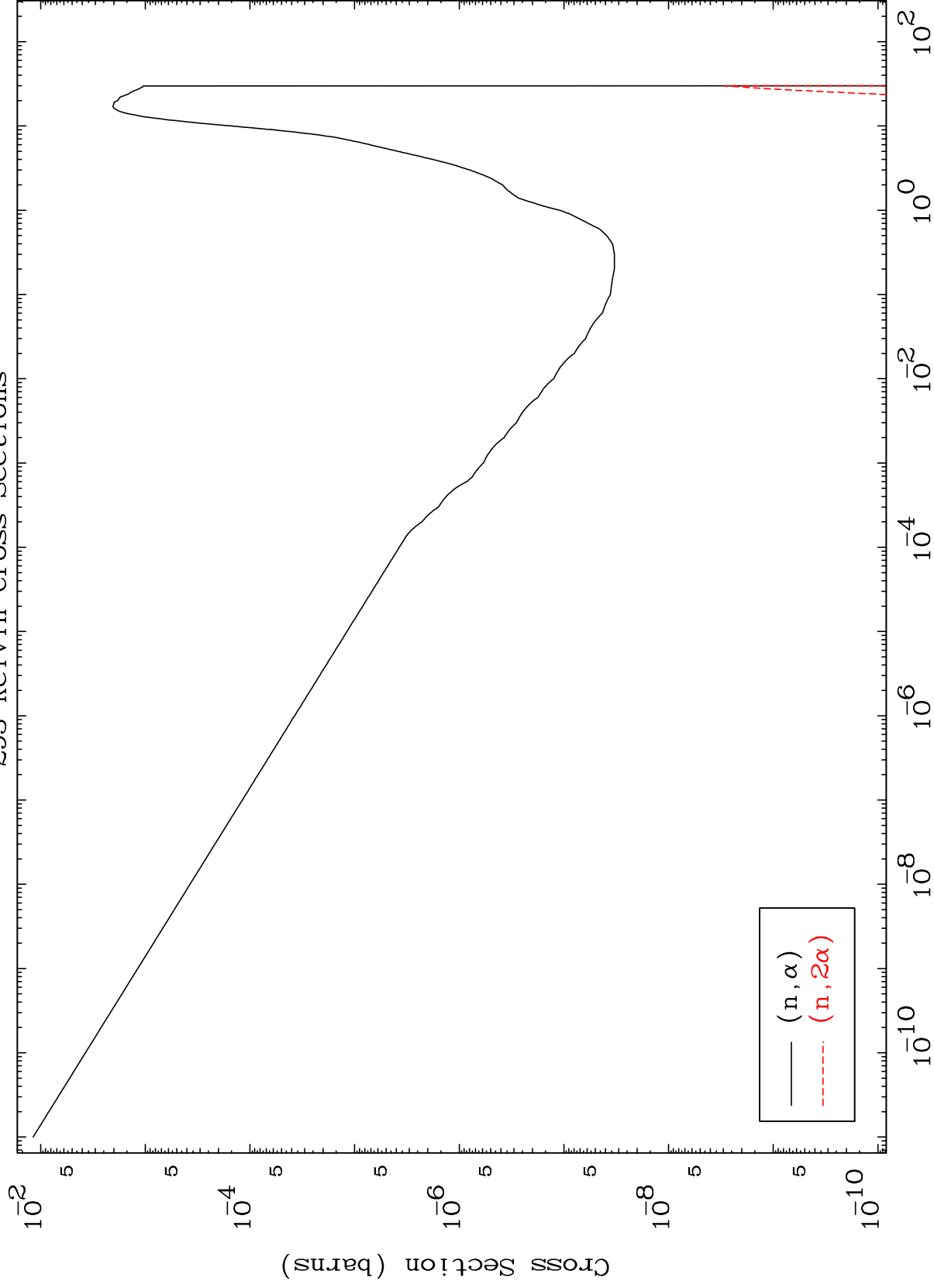
Incident Energy (MeV)

83-Bi-212m

MAT 8335

(n,α) Levels
293 Kelvin Cross Sections

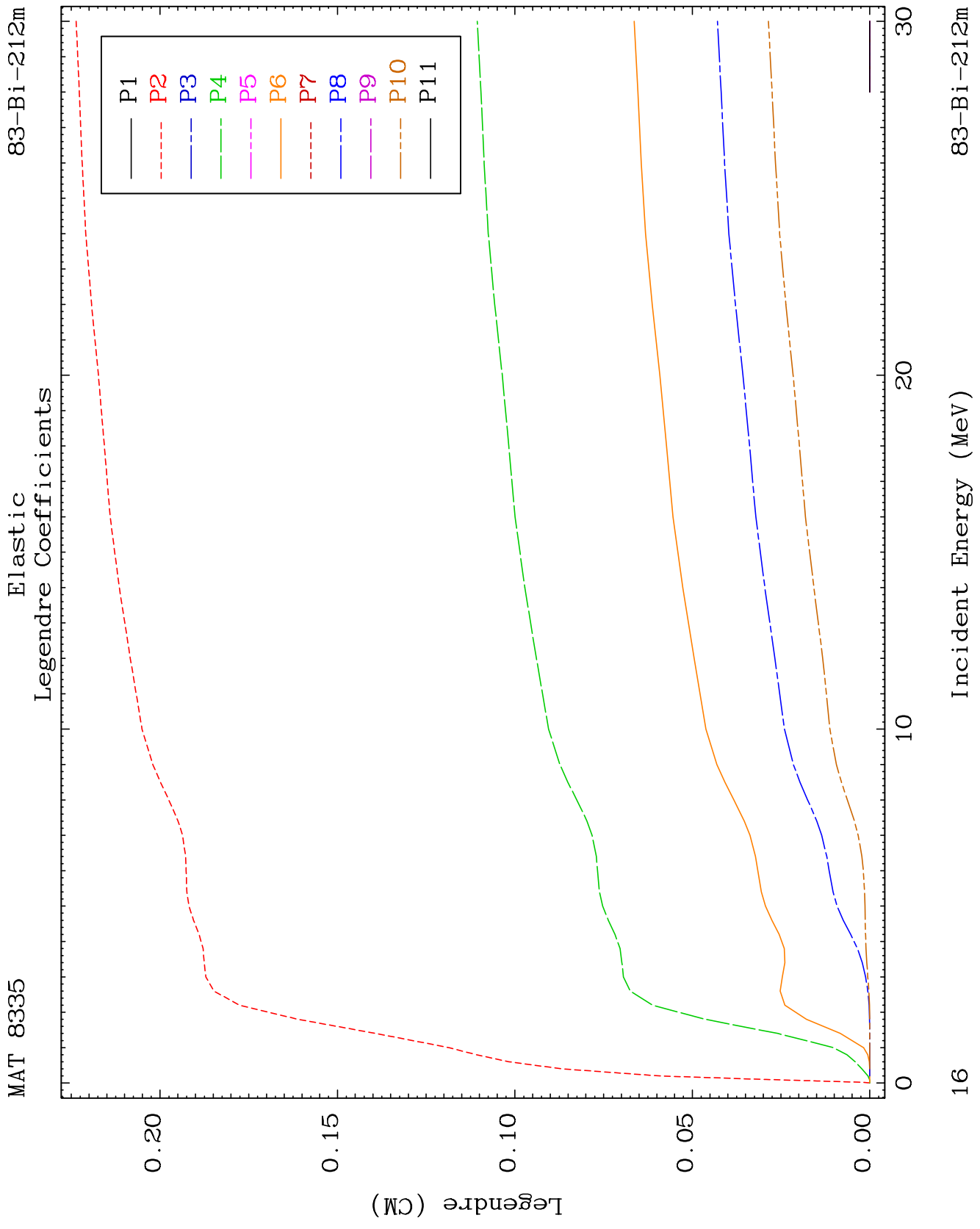
83-Bi-212m



15

Incident Energy (MeV)

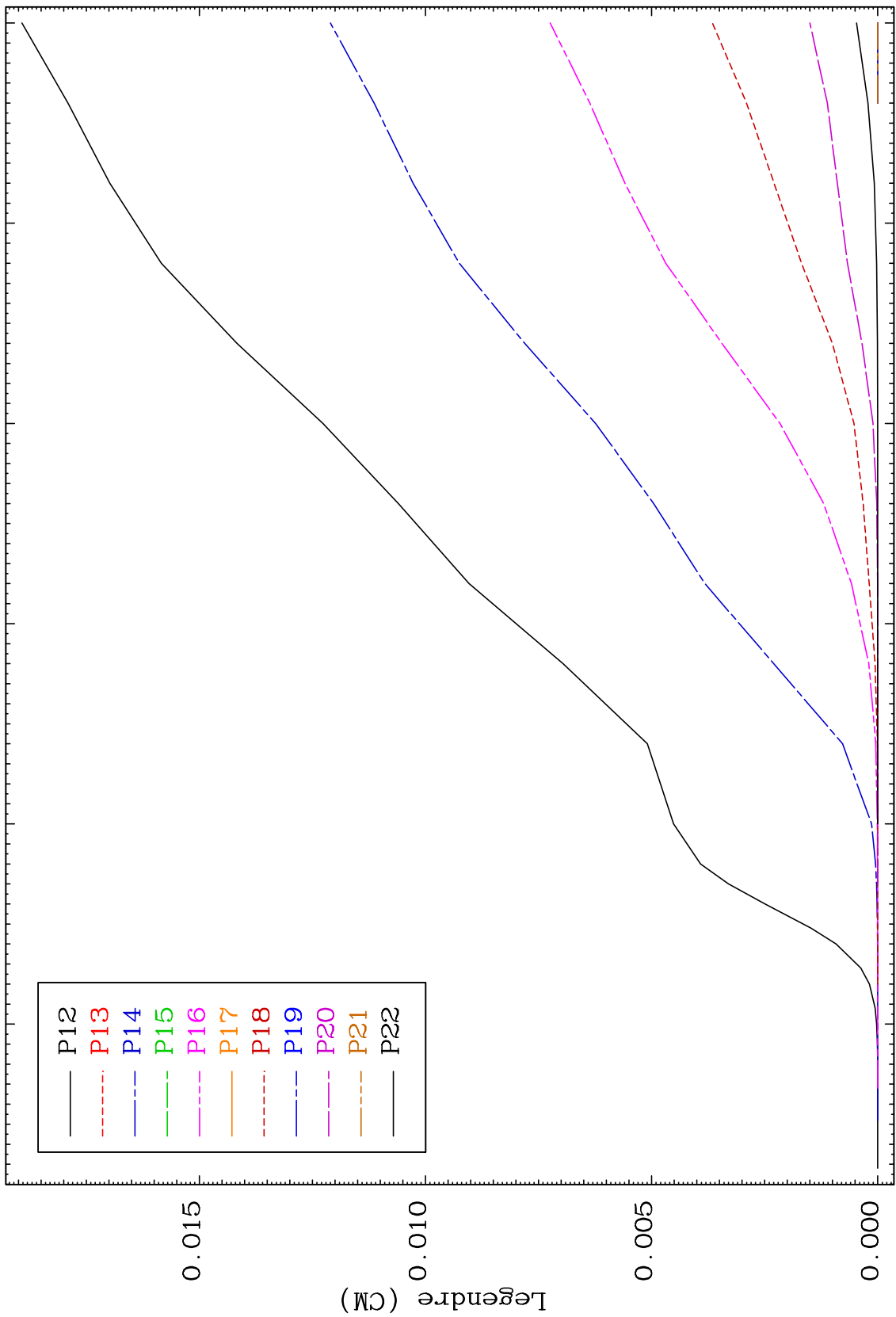
83-Bi-212m



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Elastic Legendre Coefficients

83-Bi-212m



17

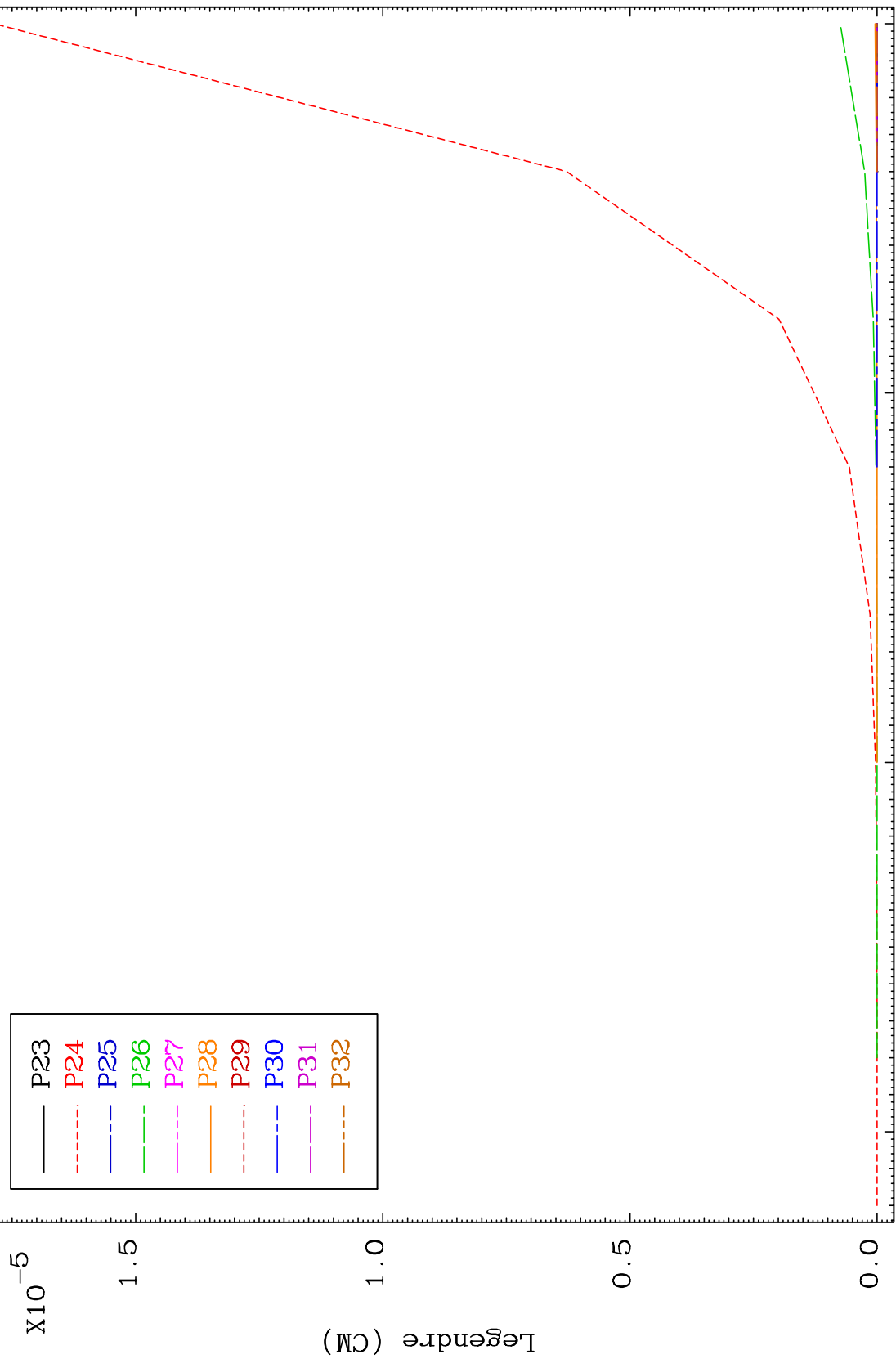
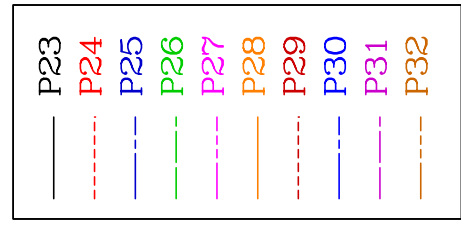
83-Bi-212m

Incident Energy (MeV)

MAT 8335

Elastic Legendre Coefficients

83-Bi-212m



18

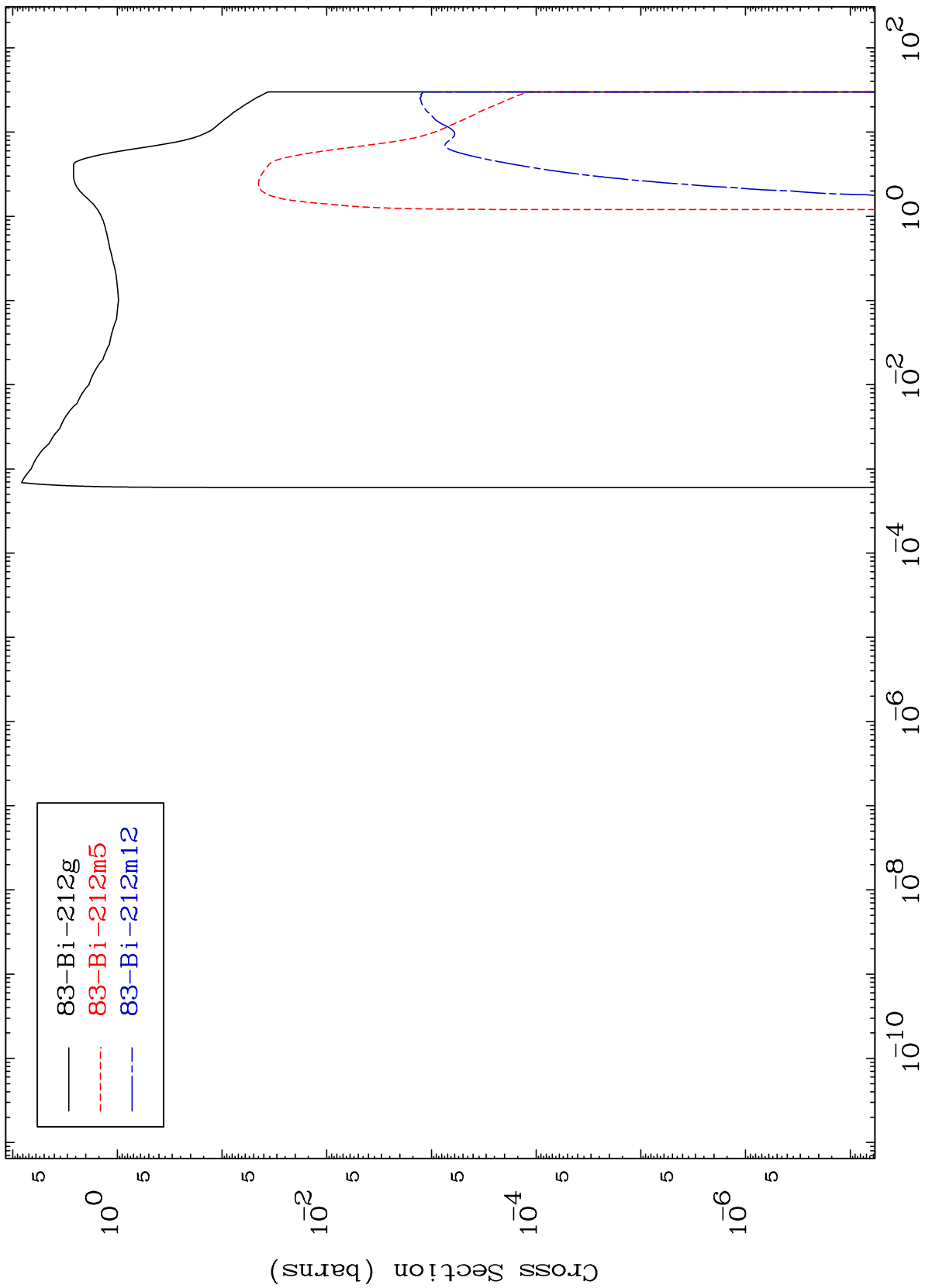
Incident Energy (MeV)

83-Bi-212m

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Radionuclide Production Cross Section

⁸³Bi-²¹²m

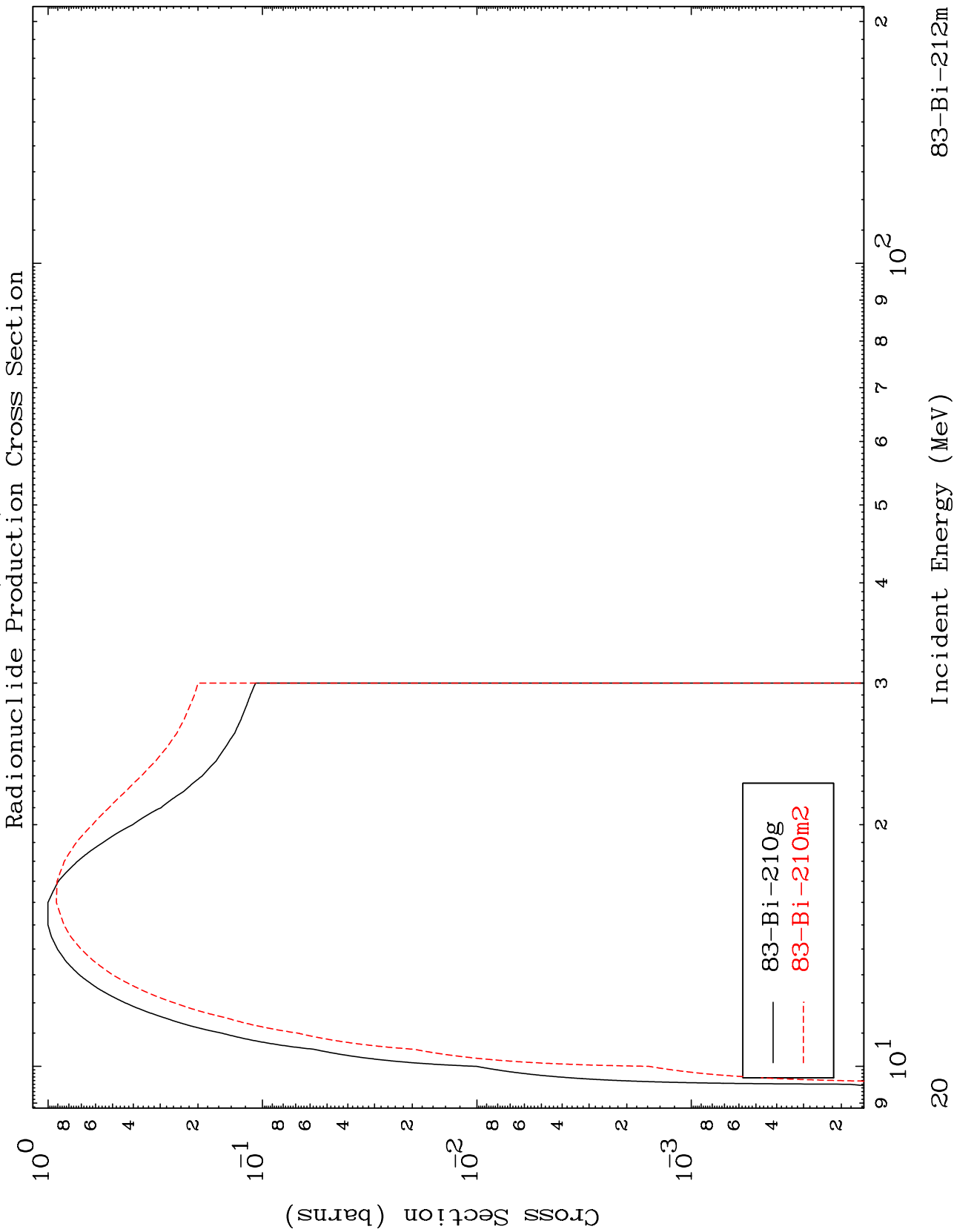


83-Bi-212g
83-Bi-212m5
83-Bi-212m12

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(n,3n)

83-Bi-212m

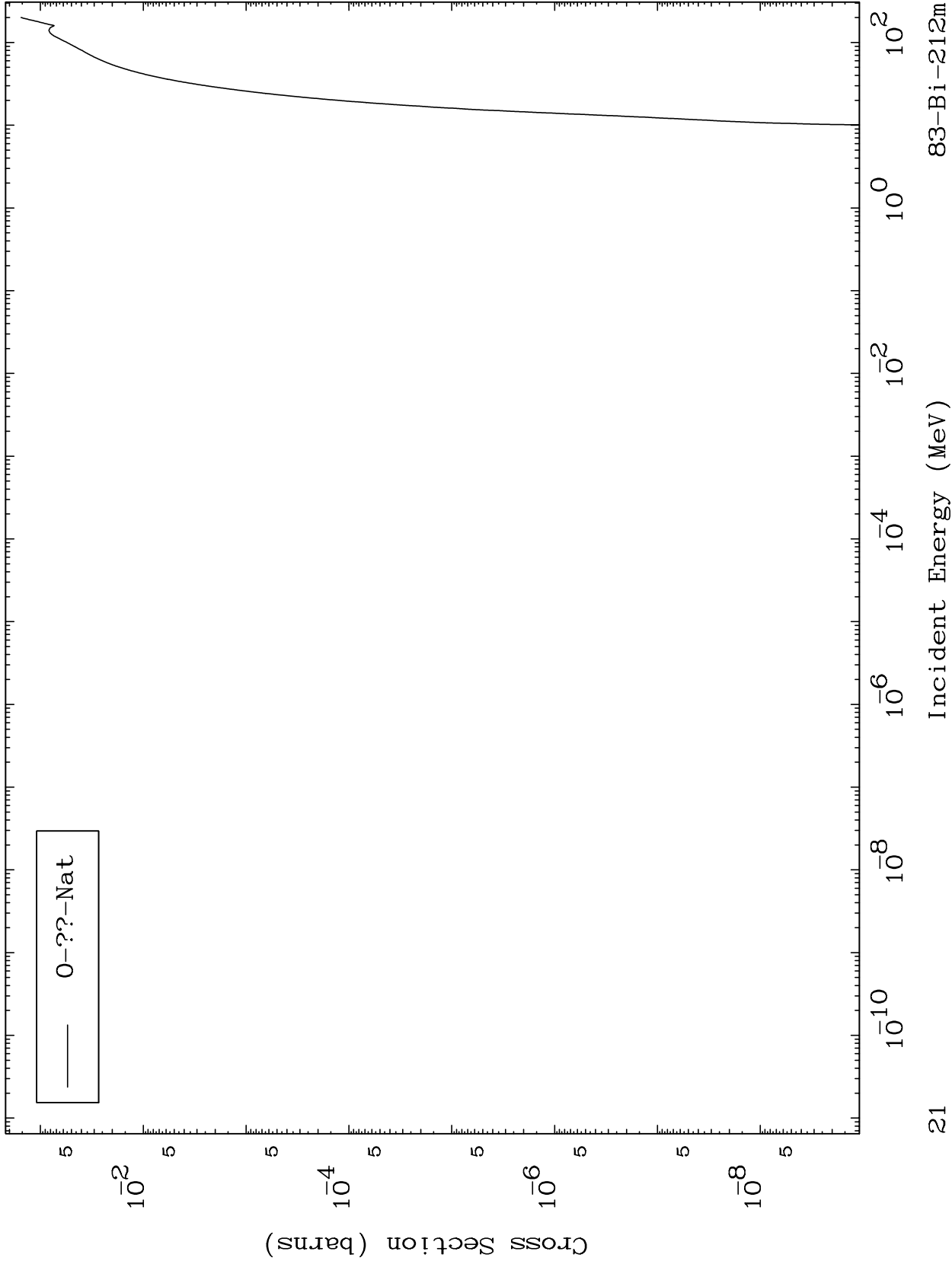


83-Bi-212m

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Fission
Radionuclide Production Cross Section

83-Bi-212m

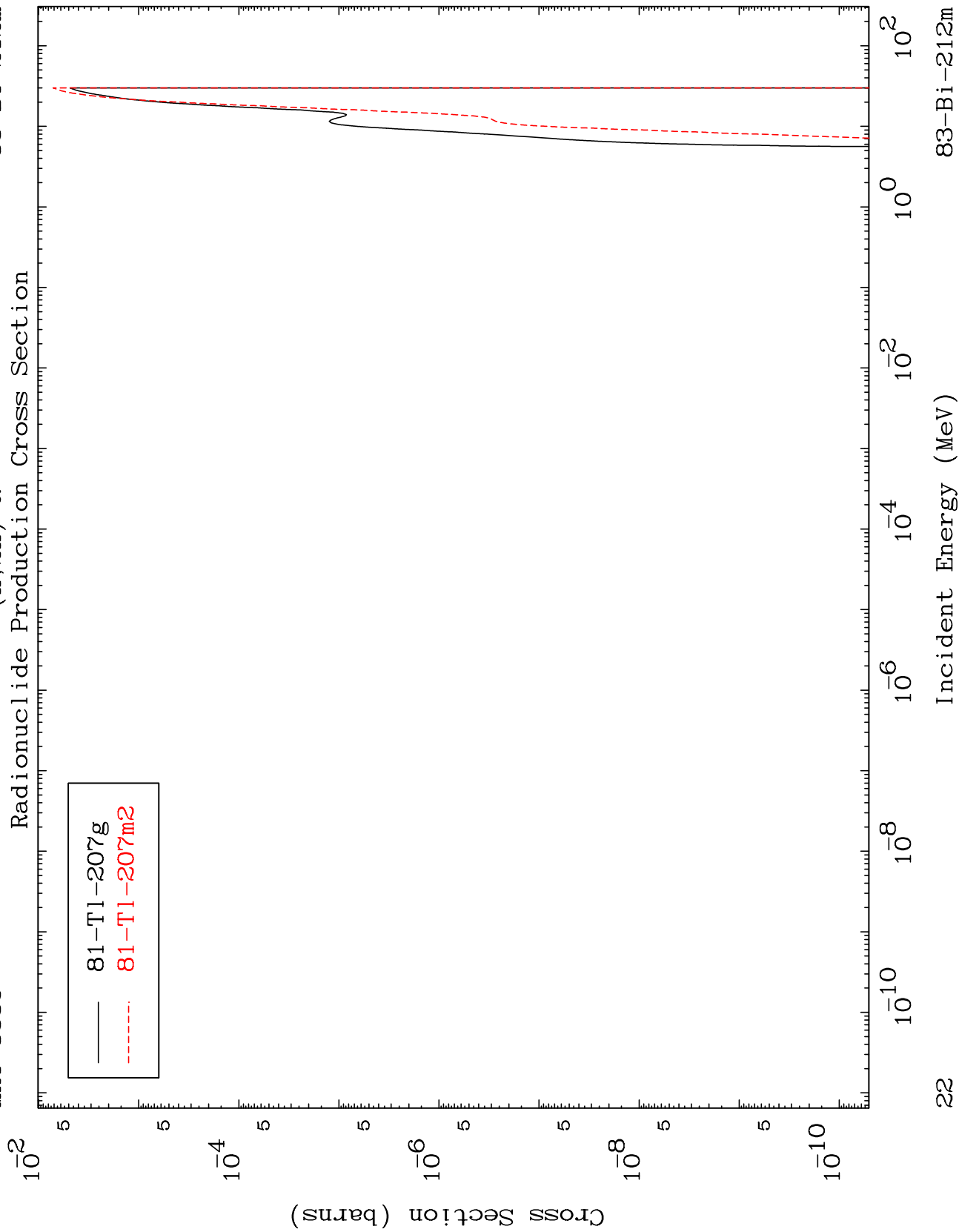


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(n,2n) α

83-Bi-212m

Radionuclide Production Cross Section

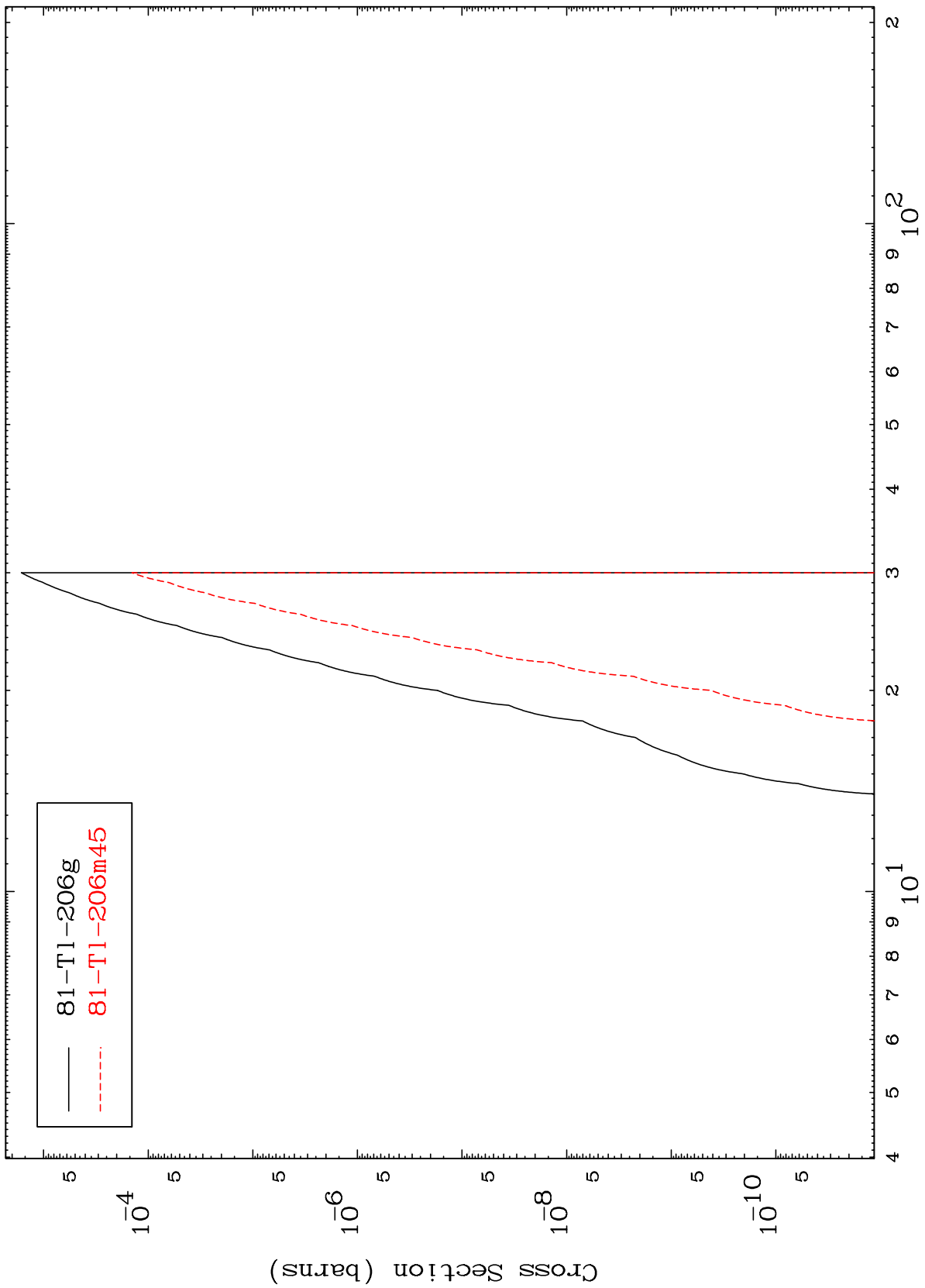


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$(n,3n) \alpha$

$^{83}\text{Bi}-212\text{m}$

Radionuclide Production Cross Section



23

Incident Energy (MeV)

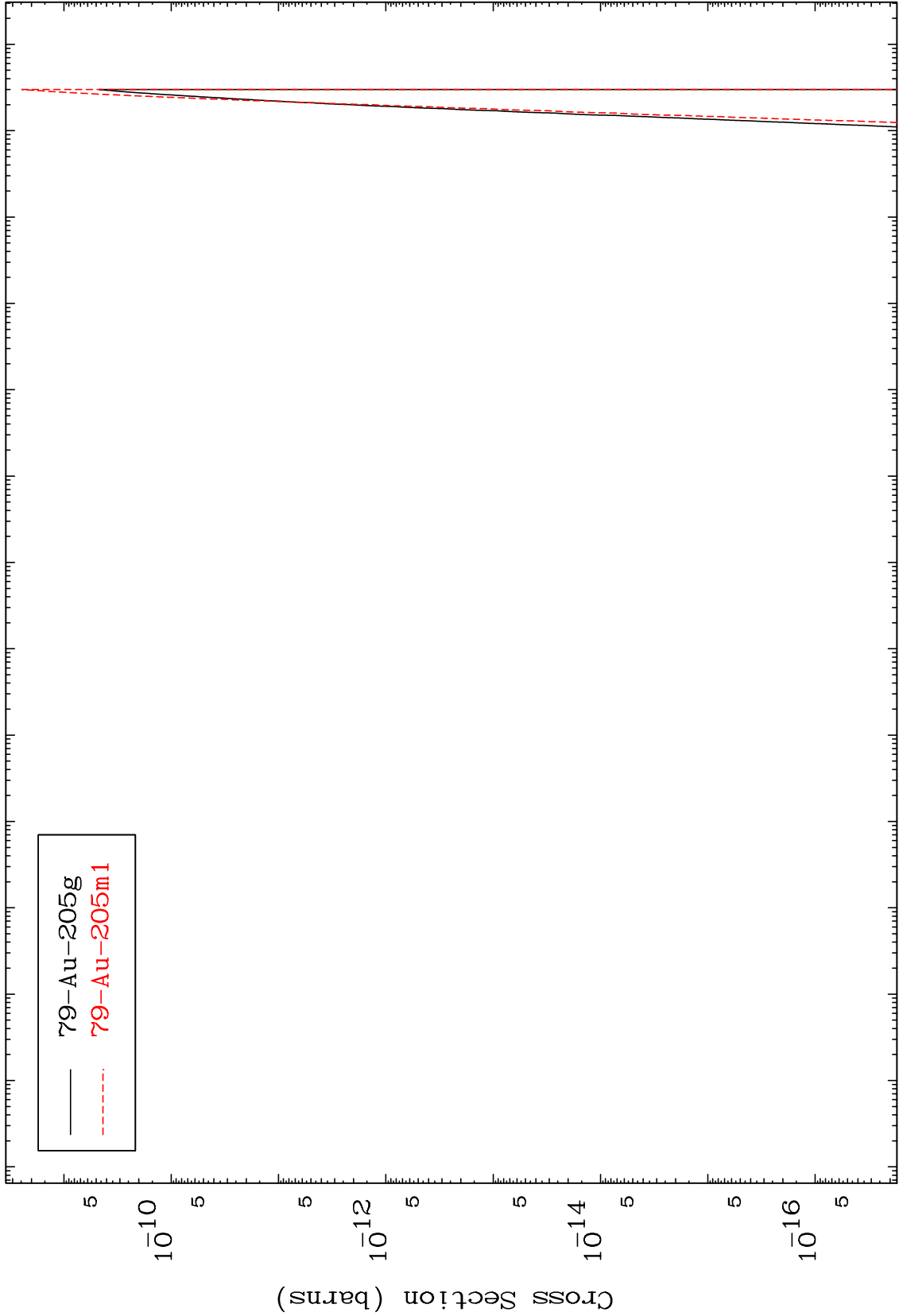
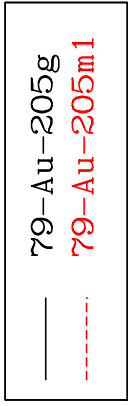
$^{83}\text{Bi}-212\text{m}$

MAT 8335

(n,2α)

83-Bi-212m

Radionuclide Production Cross Section



83-Bi-212m
Incident Energy (MeV)