

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

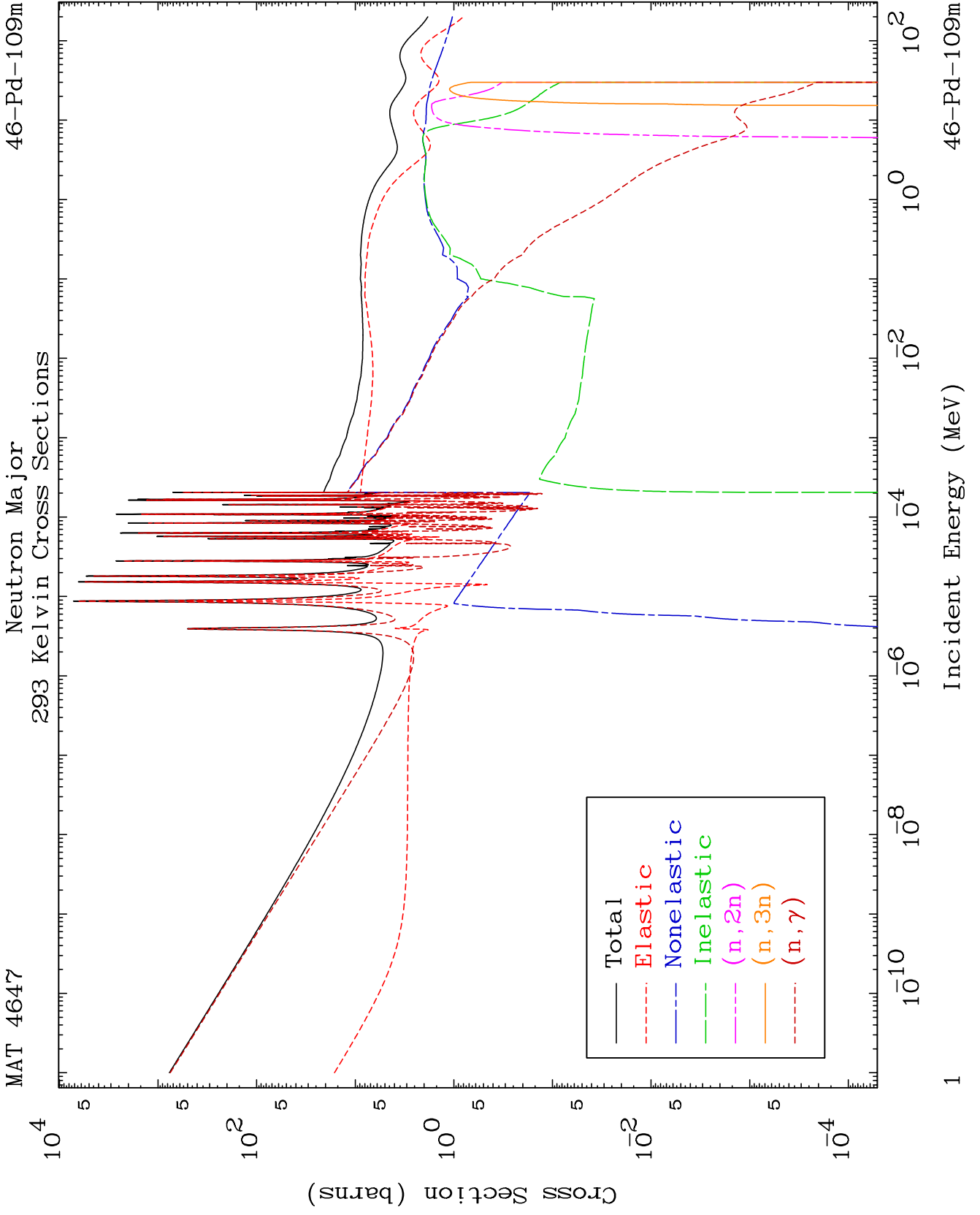
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Web:redcullen1.net/HOMEPAGE.NEW

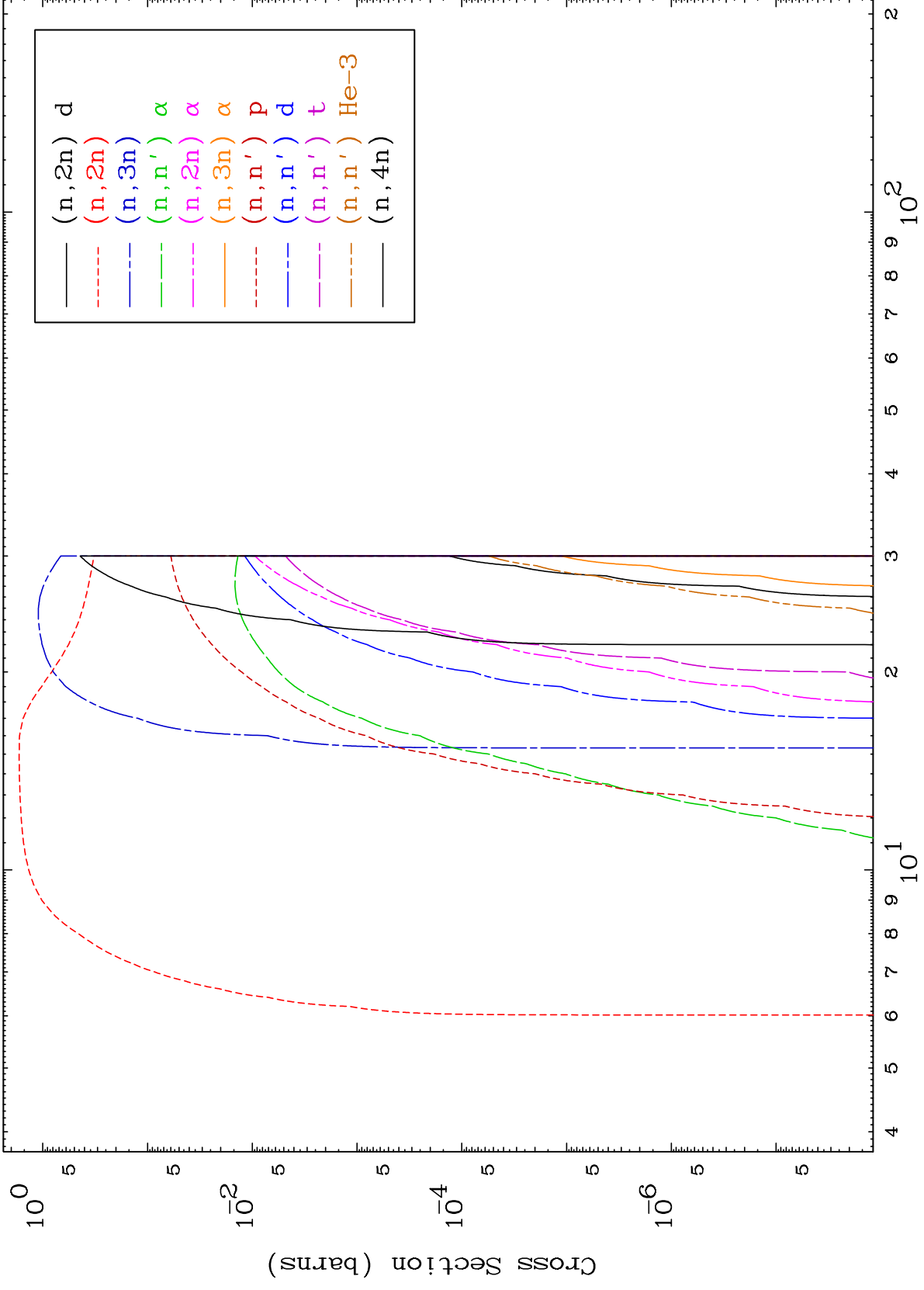
Press Mouse Button to Start



MAT 4647

Neutron Absorption
293 Kelvin Cross Sections

46-Pd-109m



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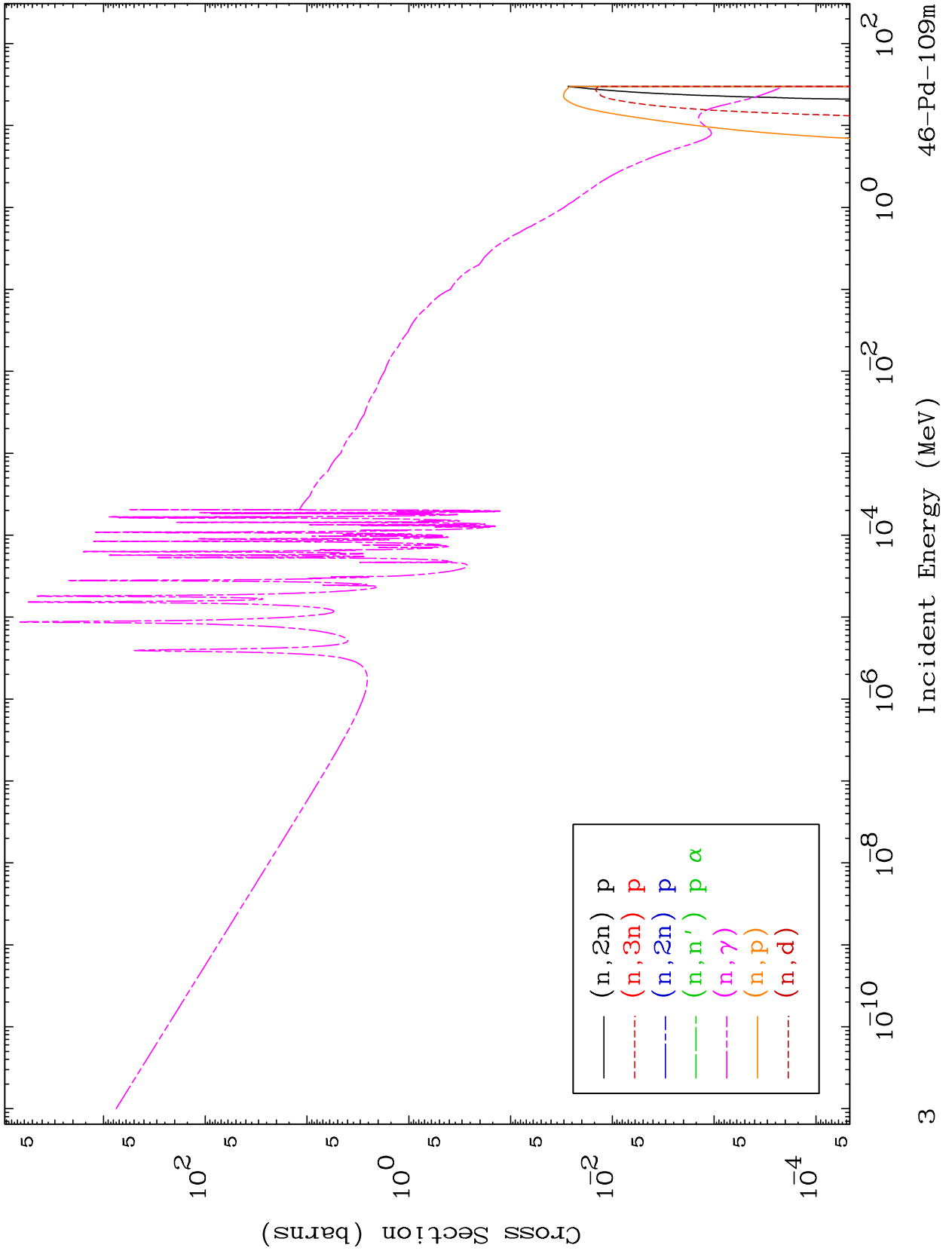
Incident Energy (MeV)

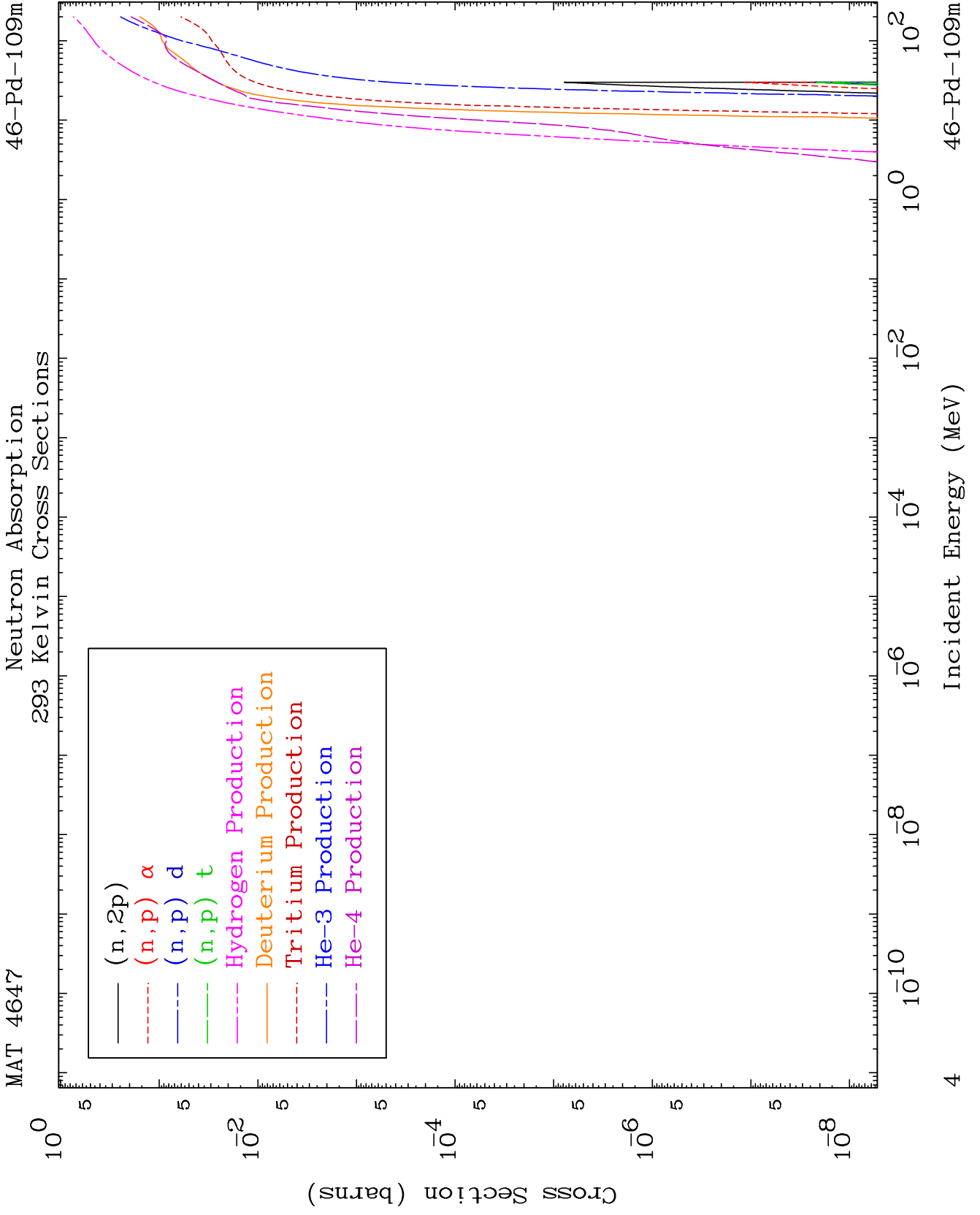
46-Pd-109m

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Neutron Absorption
293 Kelvin Cross Sections

46-Pd-109m

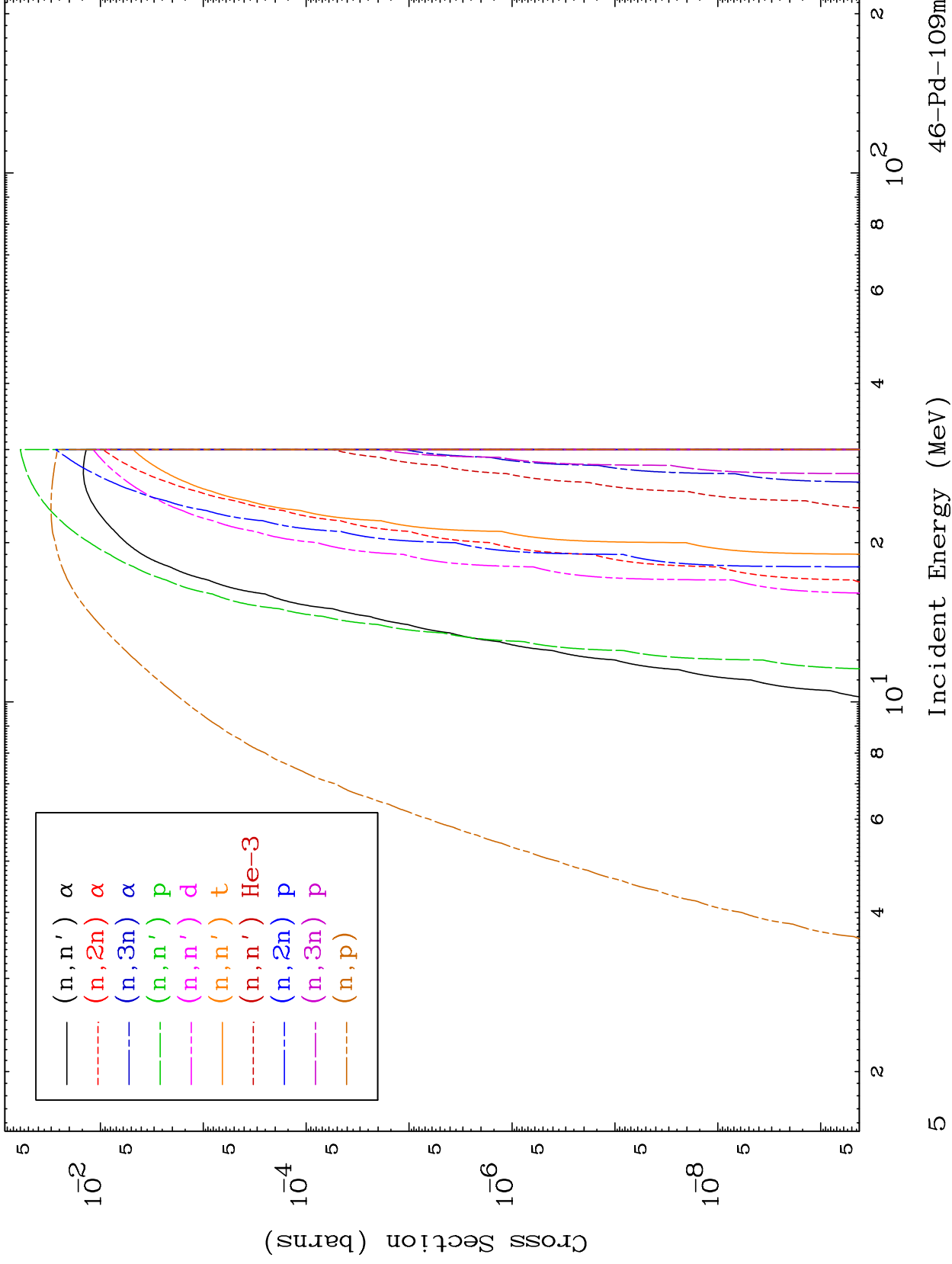




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Charged Particle
293 Kelvin Cross Sections

46-Pd-109m

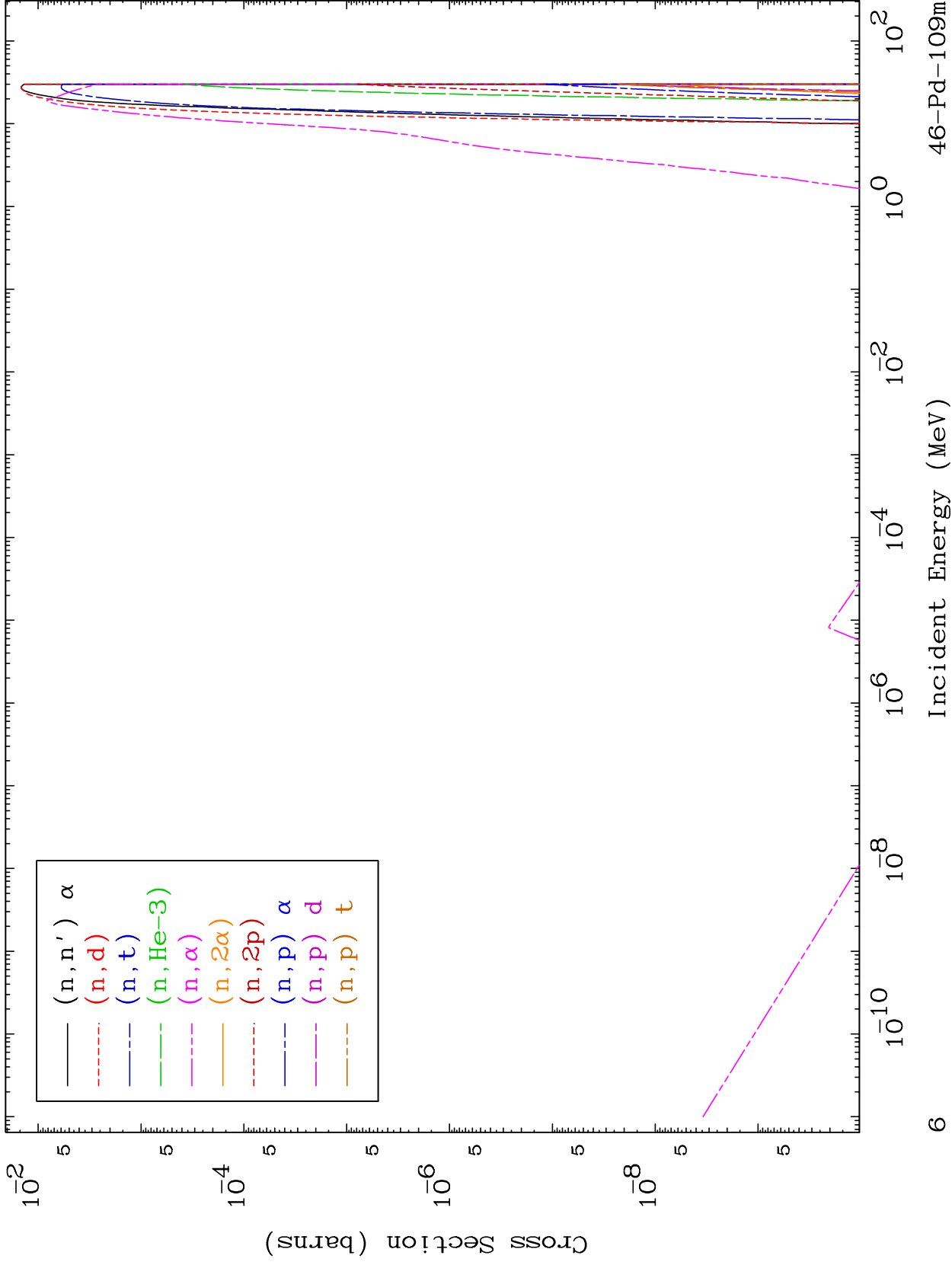


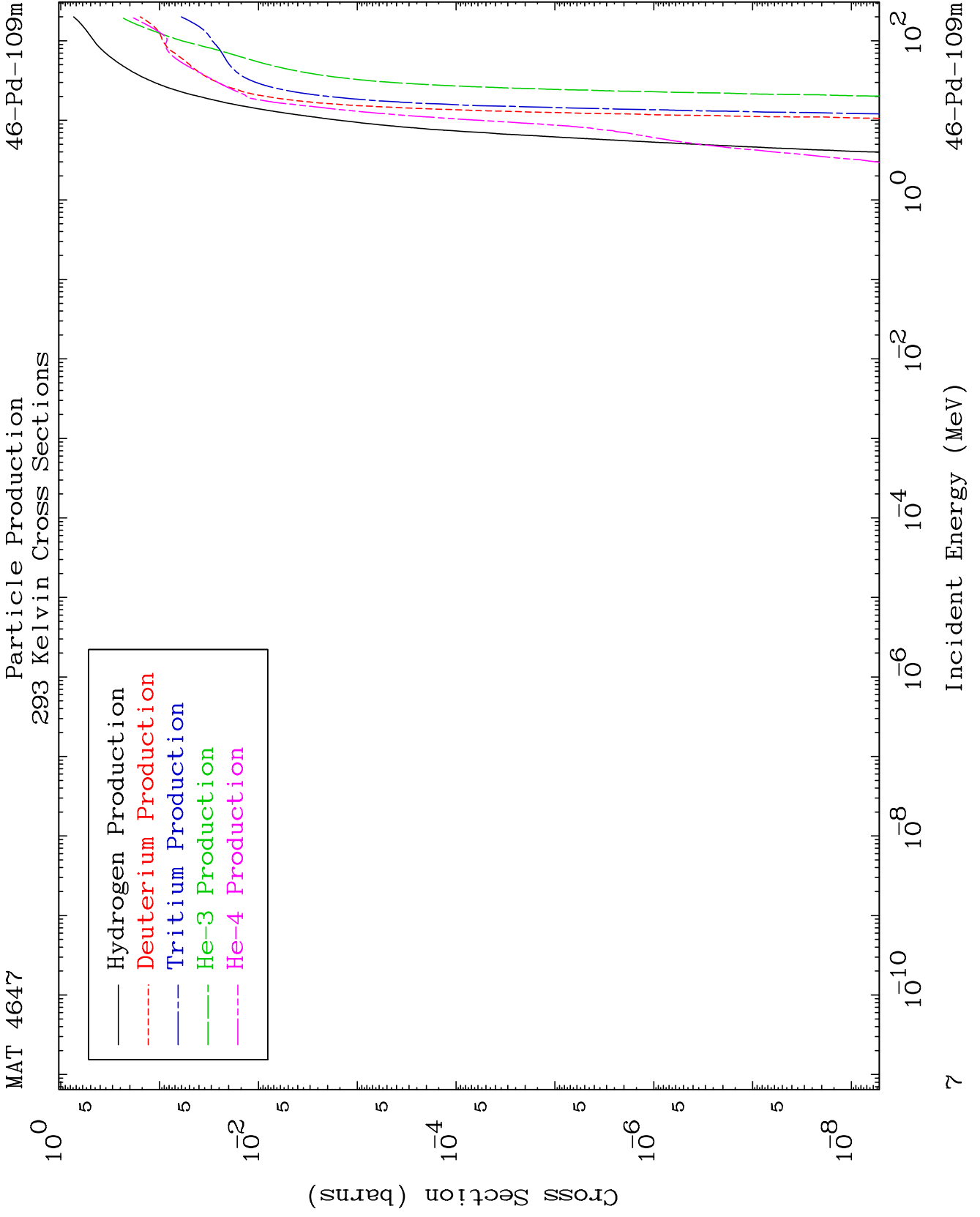
5

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Charged Particle
293 Kelvin Cross Sections

46-Pd-109m

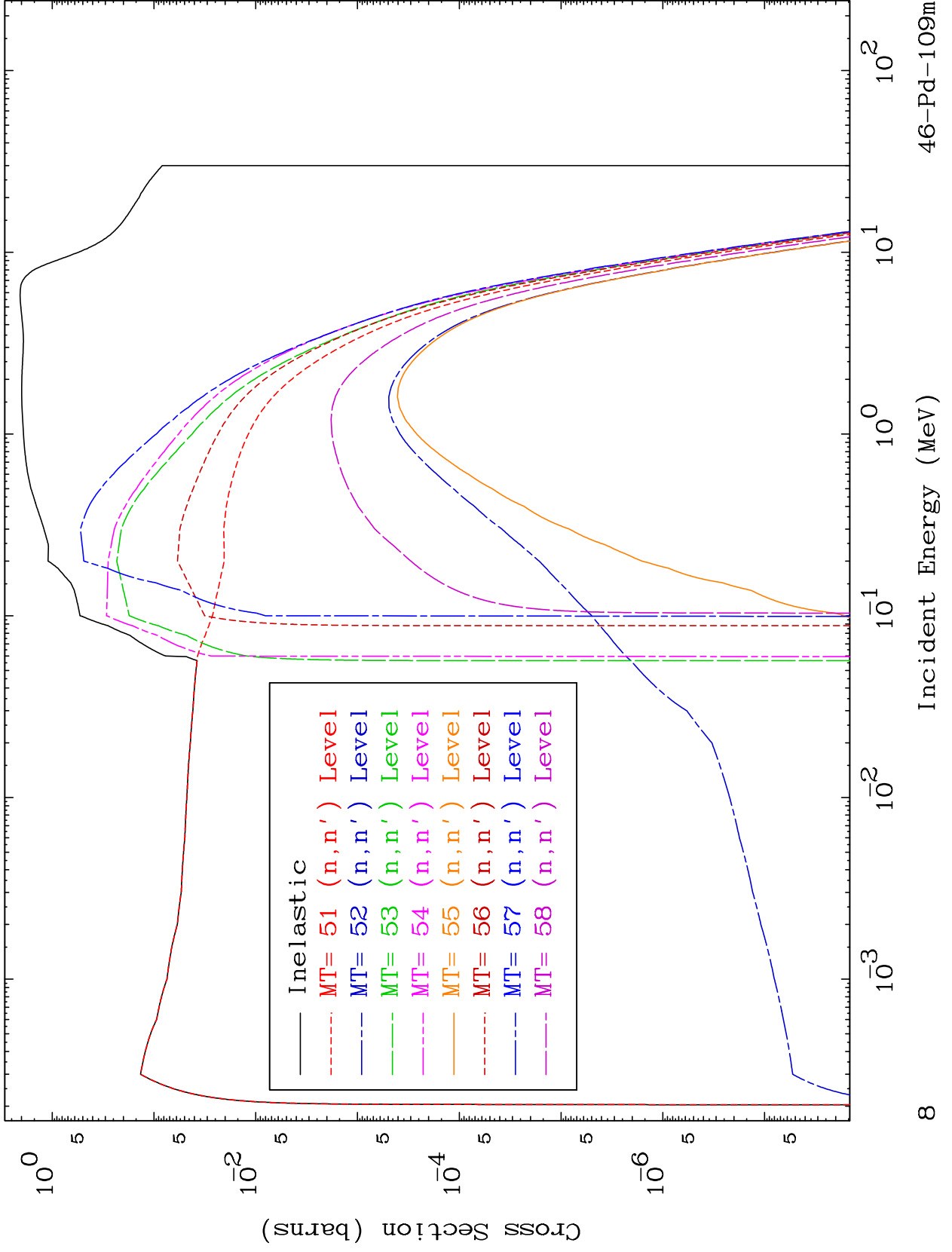




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293 Kelvin Cross Sections
(n, n') Levels

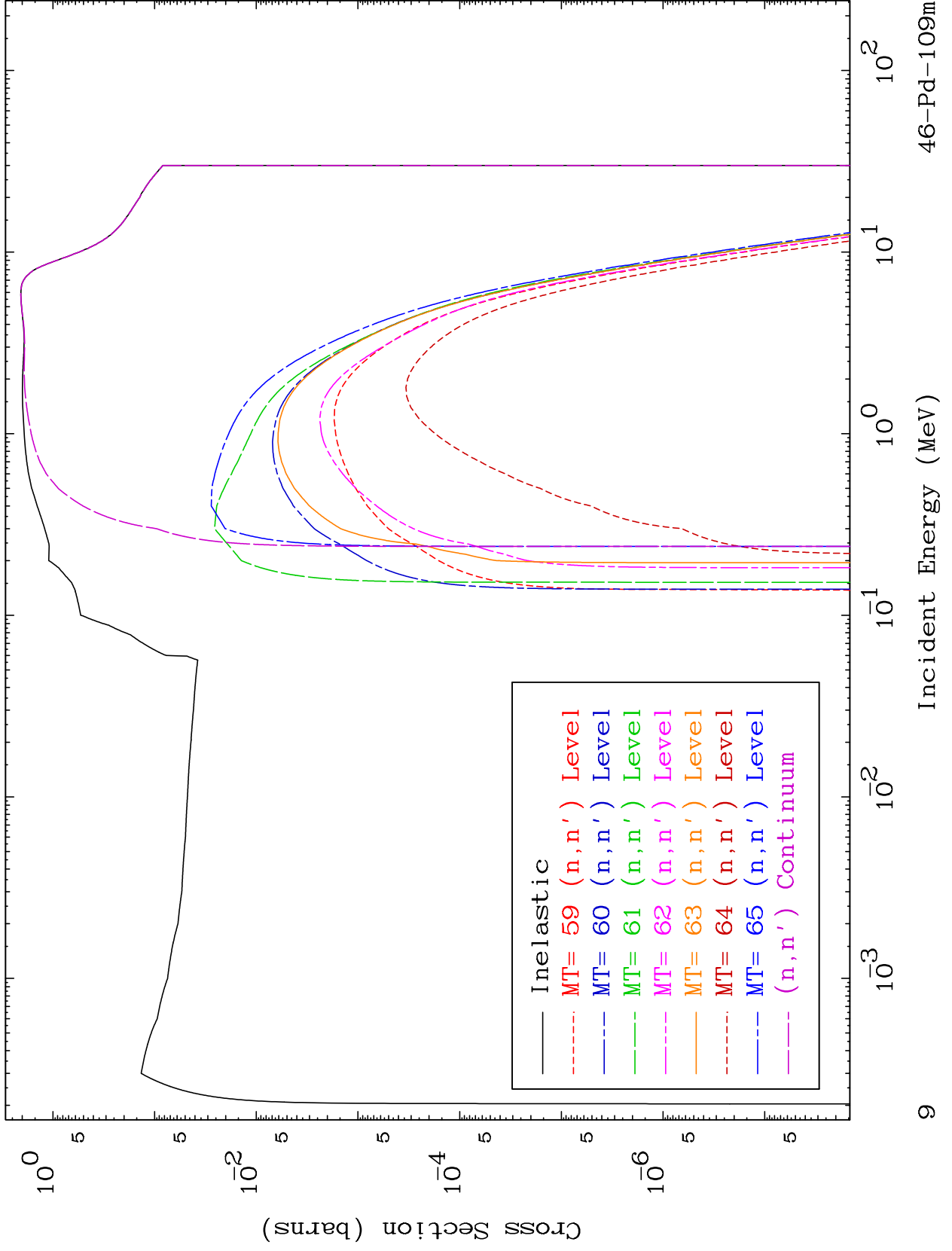
46-Pd-109m



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(n,n') Levels
293 Kelvin Cross Sections

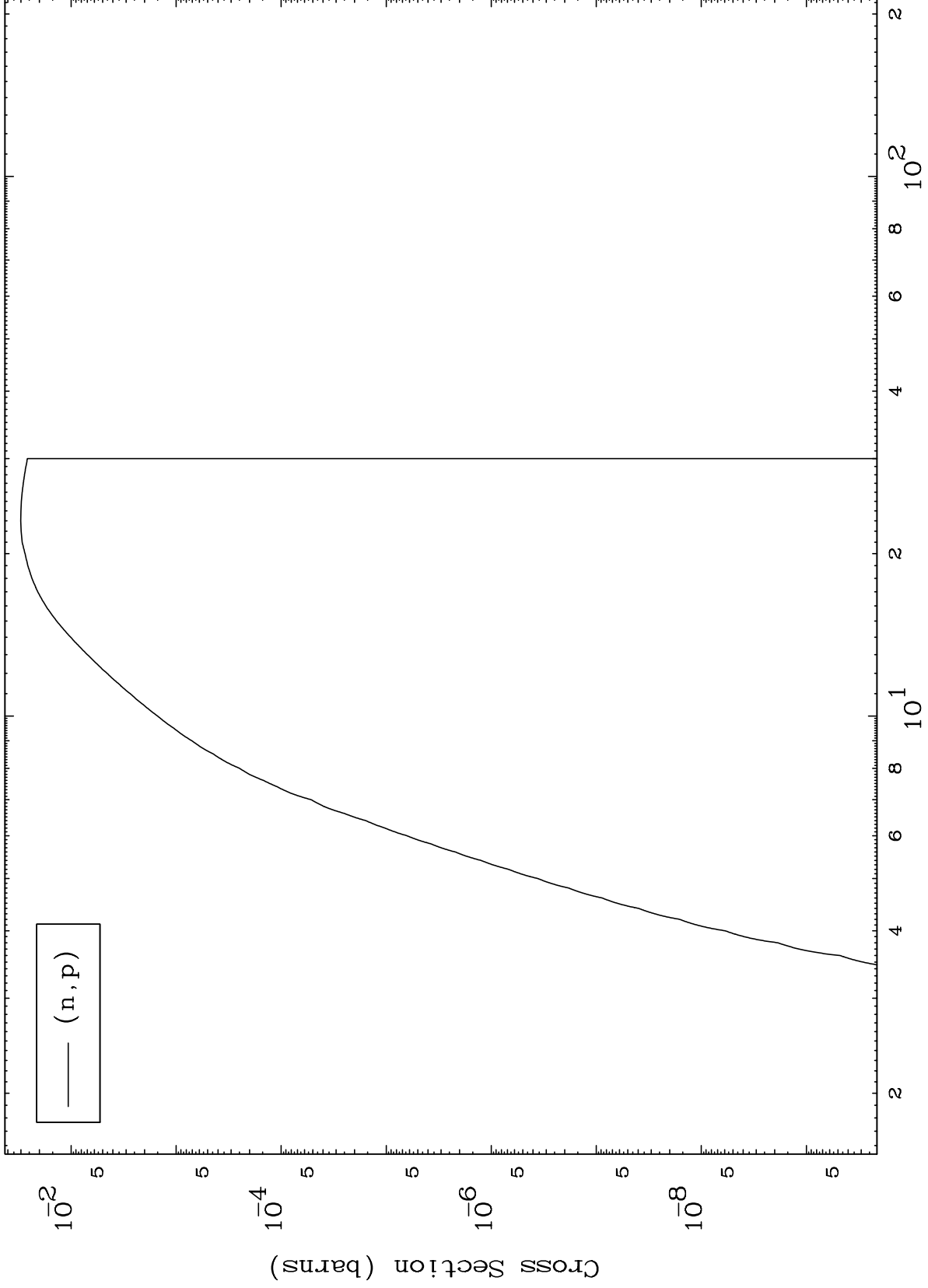
46-Pd-109m



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(n,p) Levels
293 Kelvin Cross Sections

46-Pd-109m



10

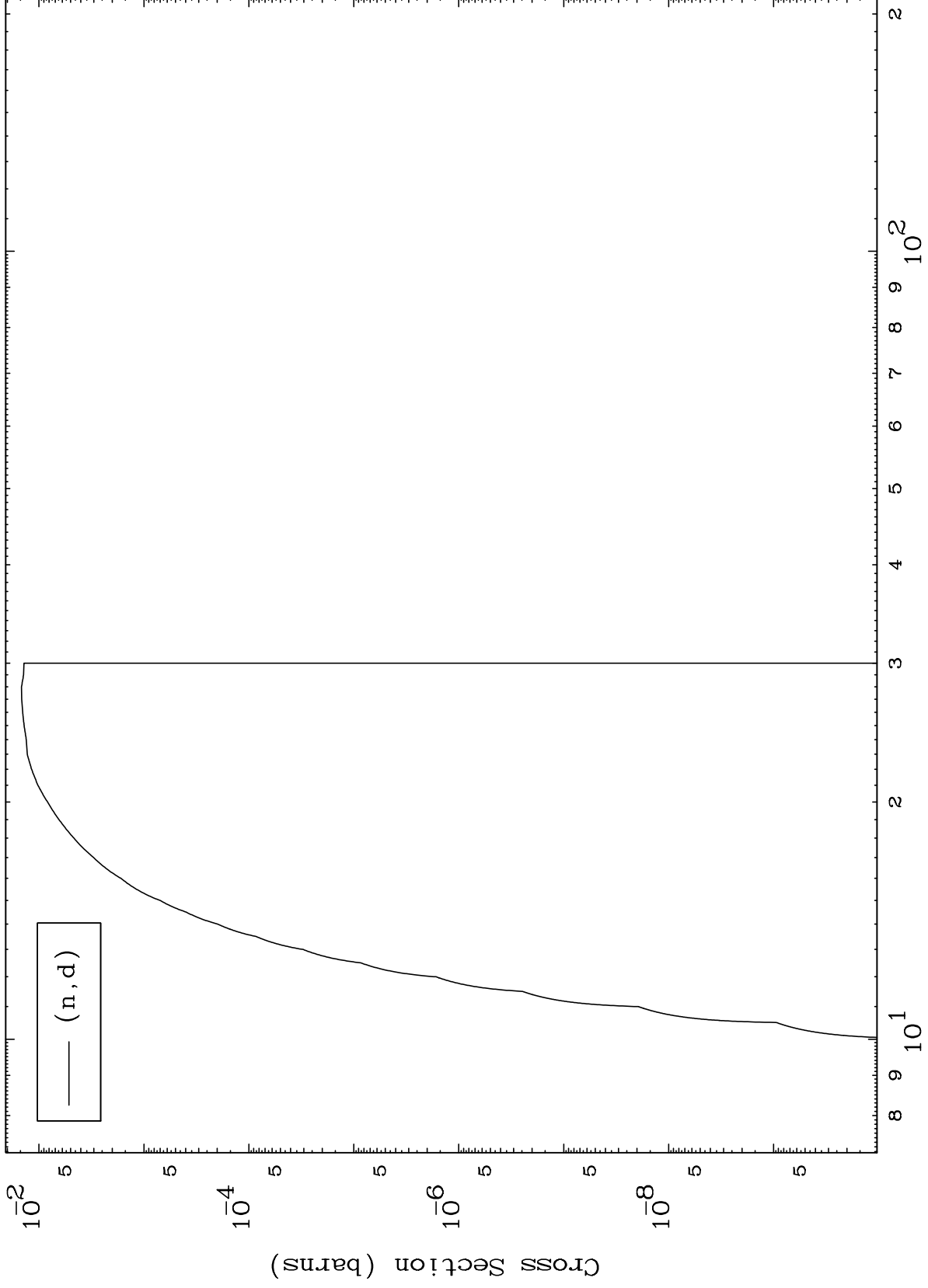
Incident Energy (MeV)

46-Pd-109m

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(n,d) Levels
293 Kelvin Cross Sections

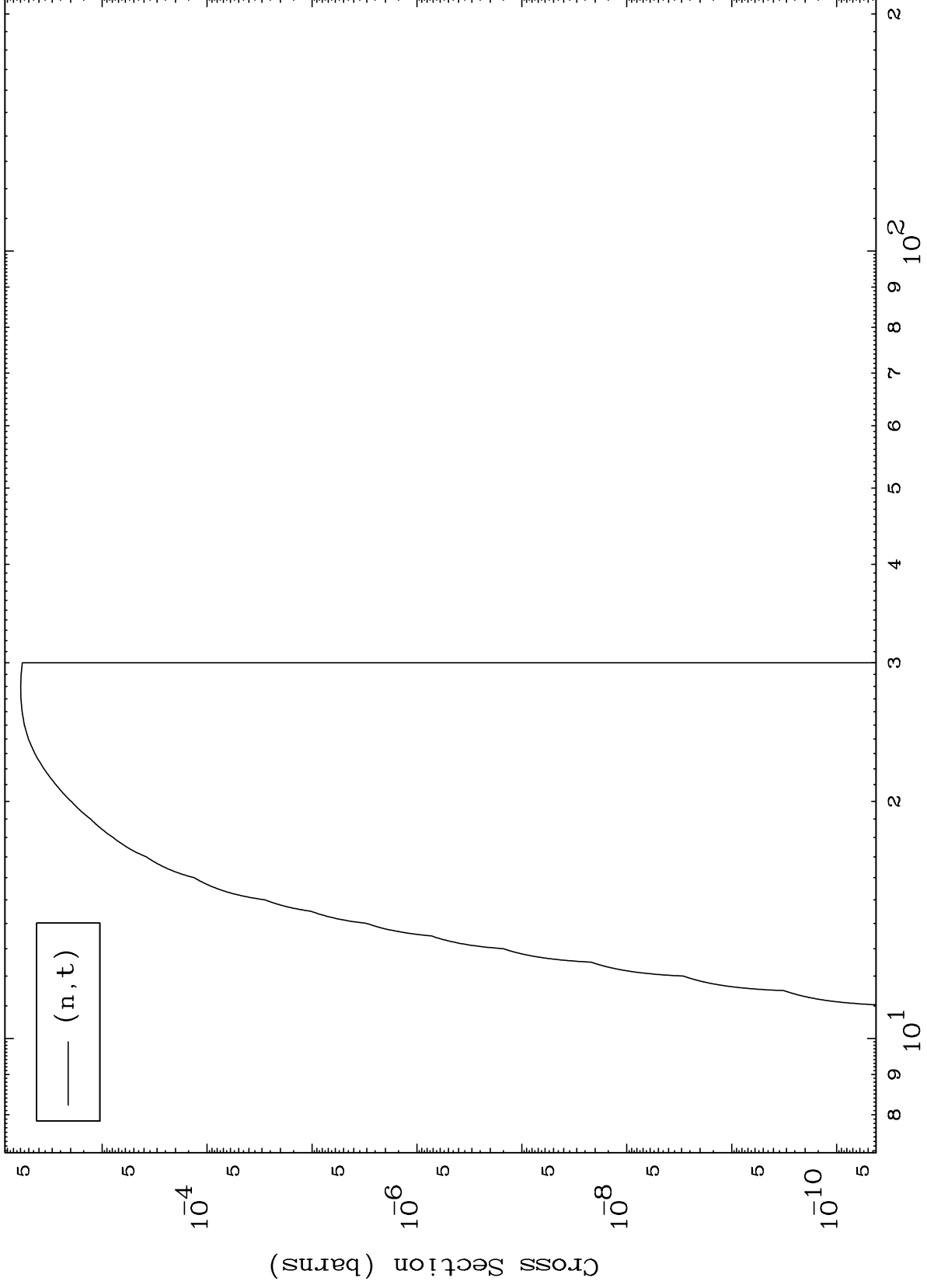
46-Pd-109m



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(n,t) Levels
293 Kelvin Cross Sections

46-Pd-109m



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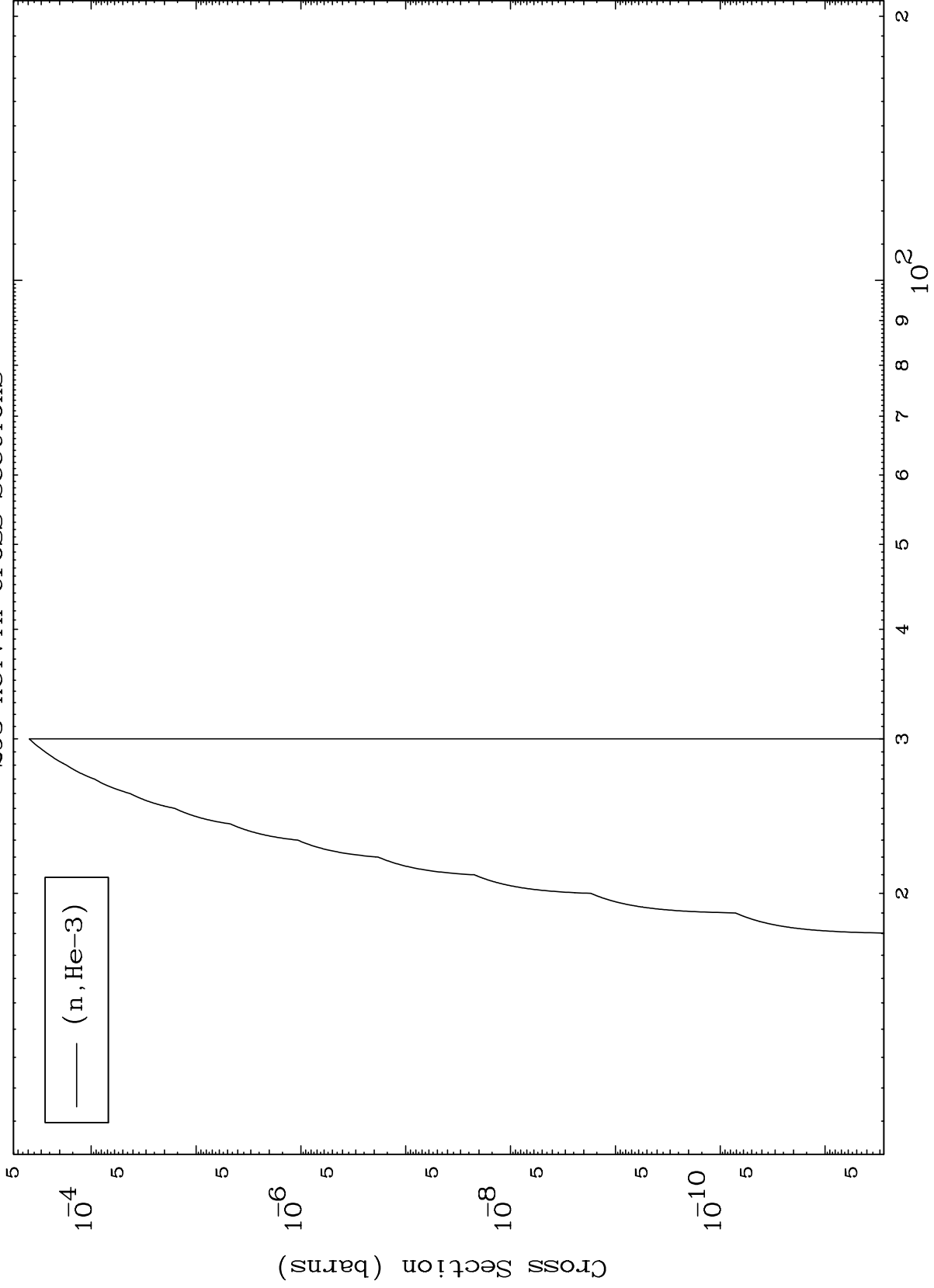
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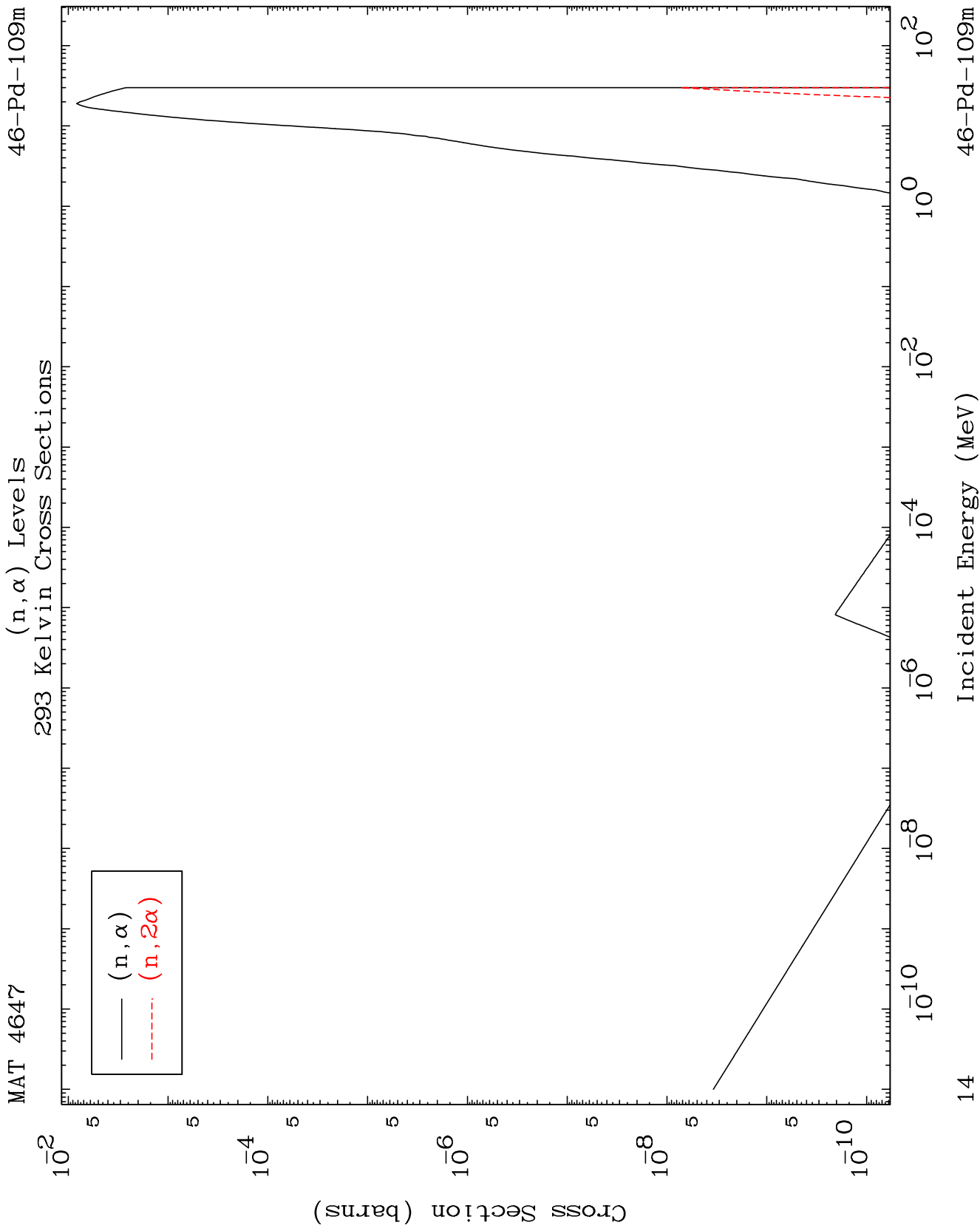
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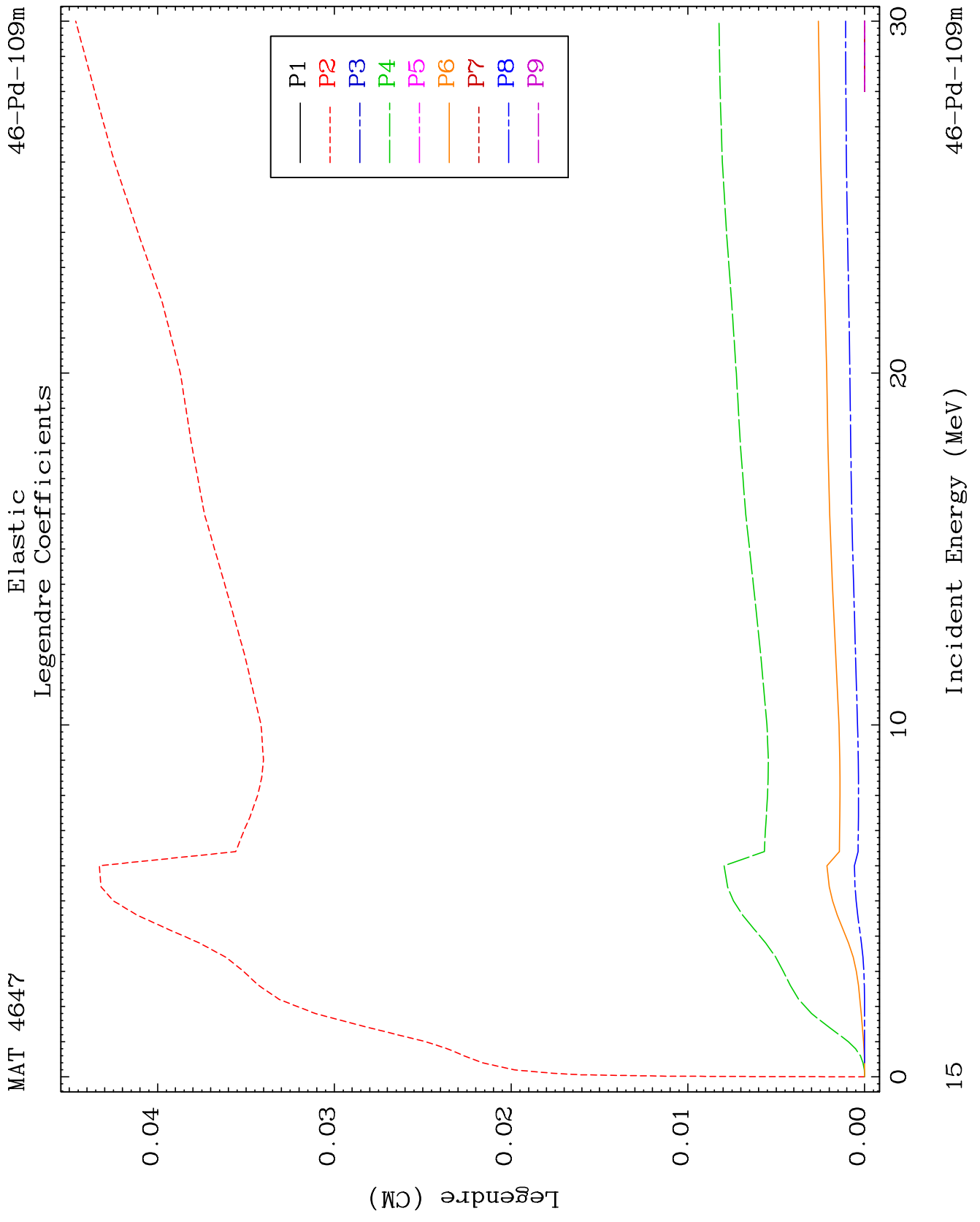
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(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-109m



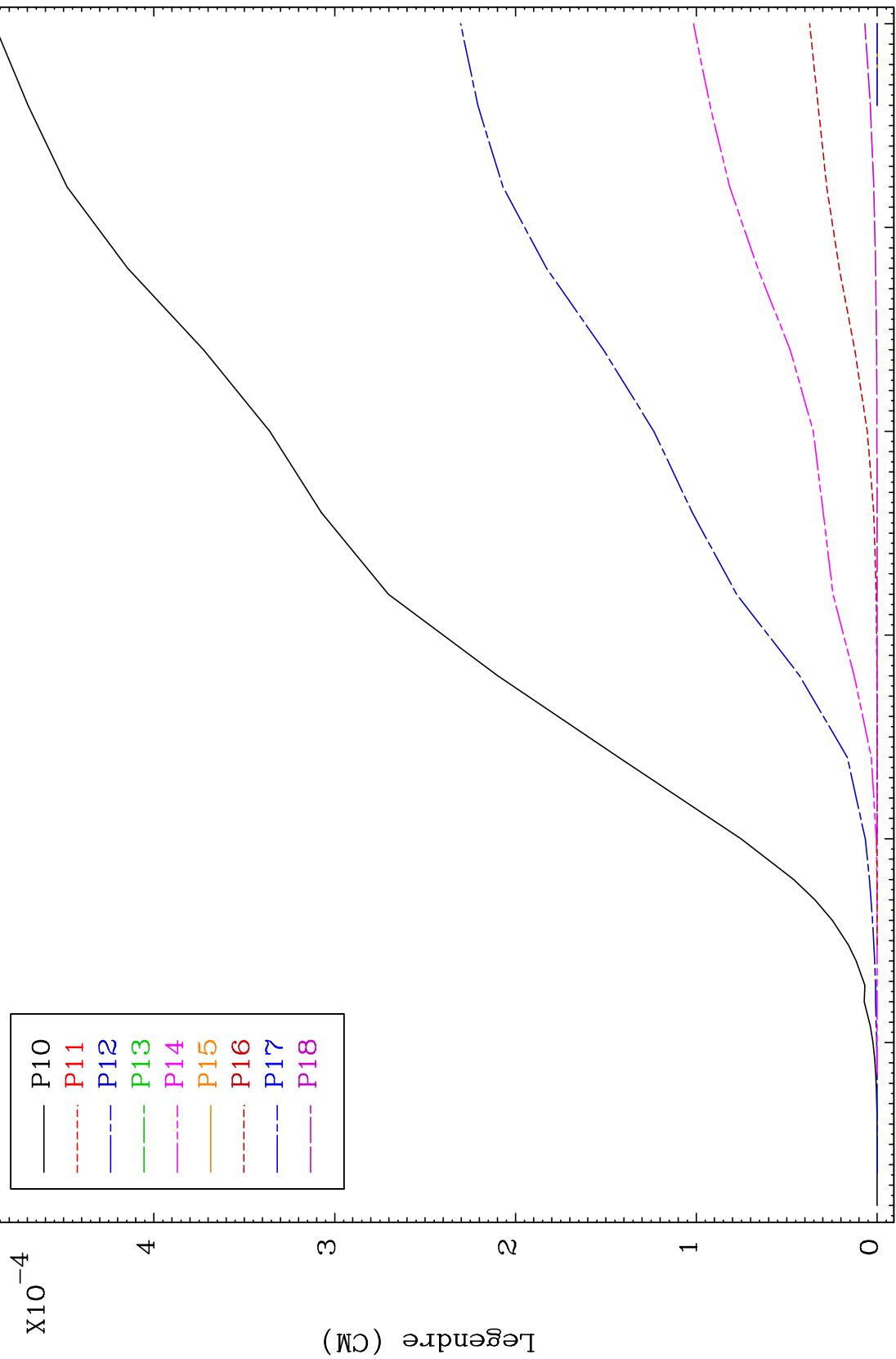
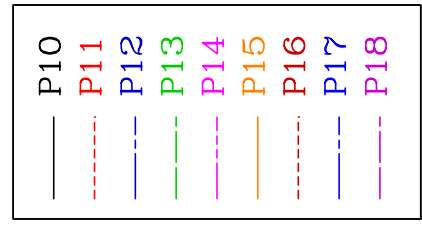




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Elastic Legendre Coefficients

46-Pd-109m



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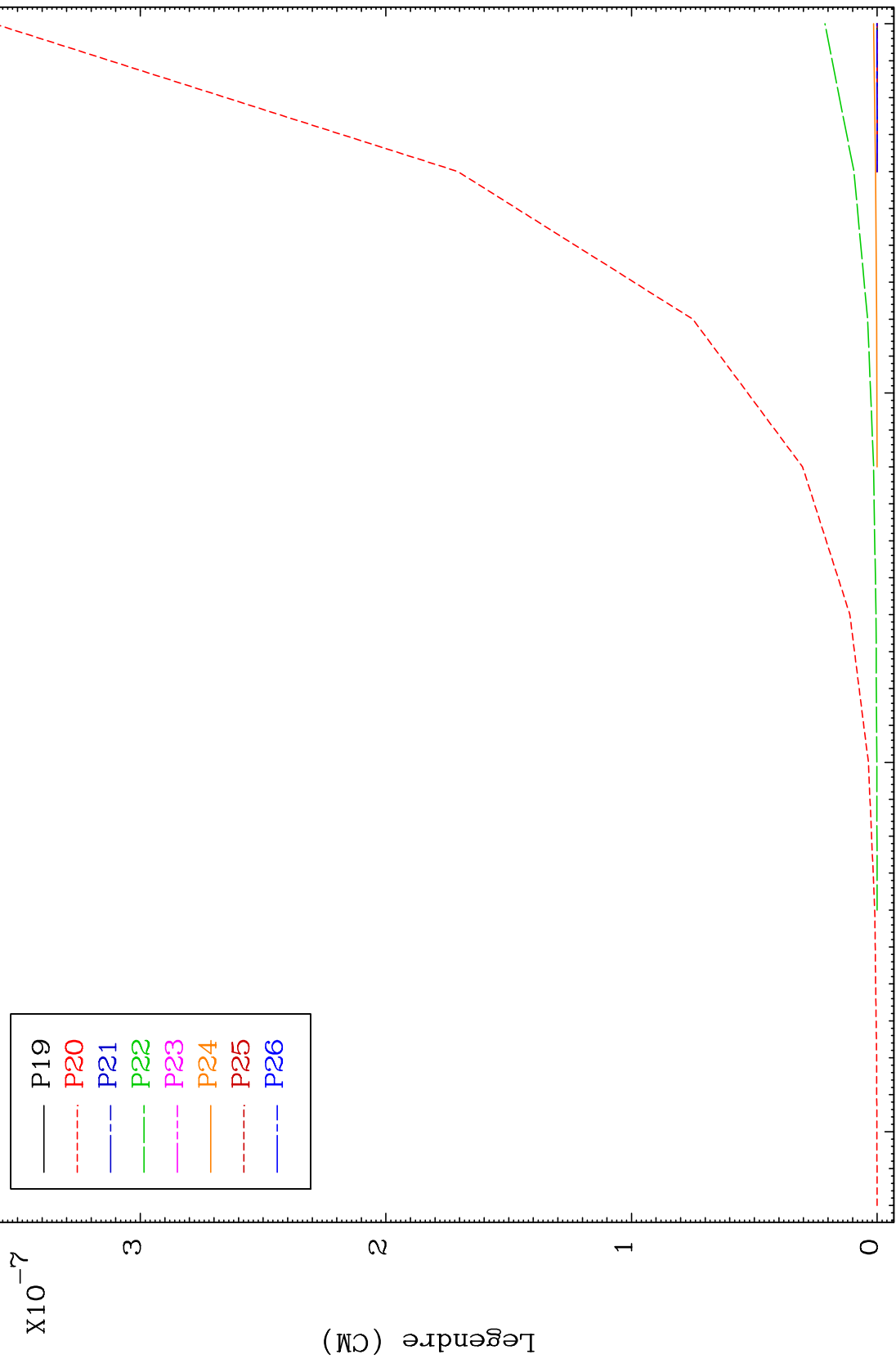
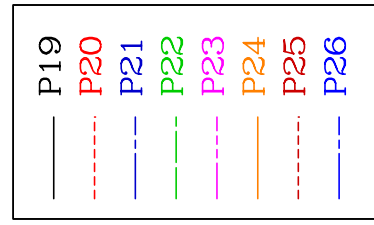
Incident Energy (MeV)

46-Pd-109m

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Elastic
Legendre Coefficients

46-Pd-109m



17

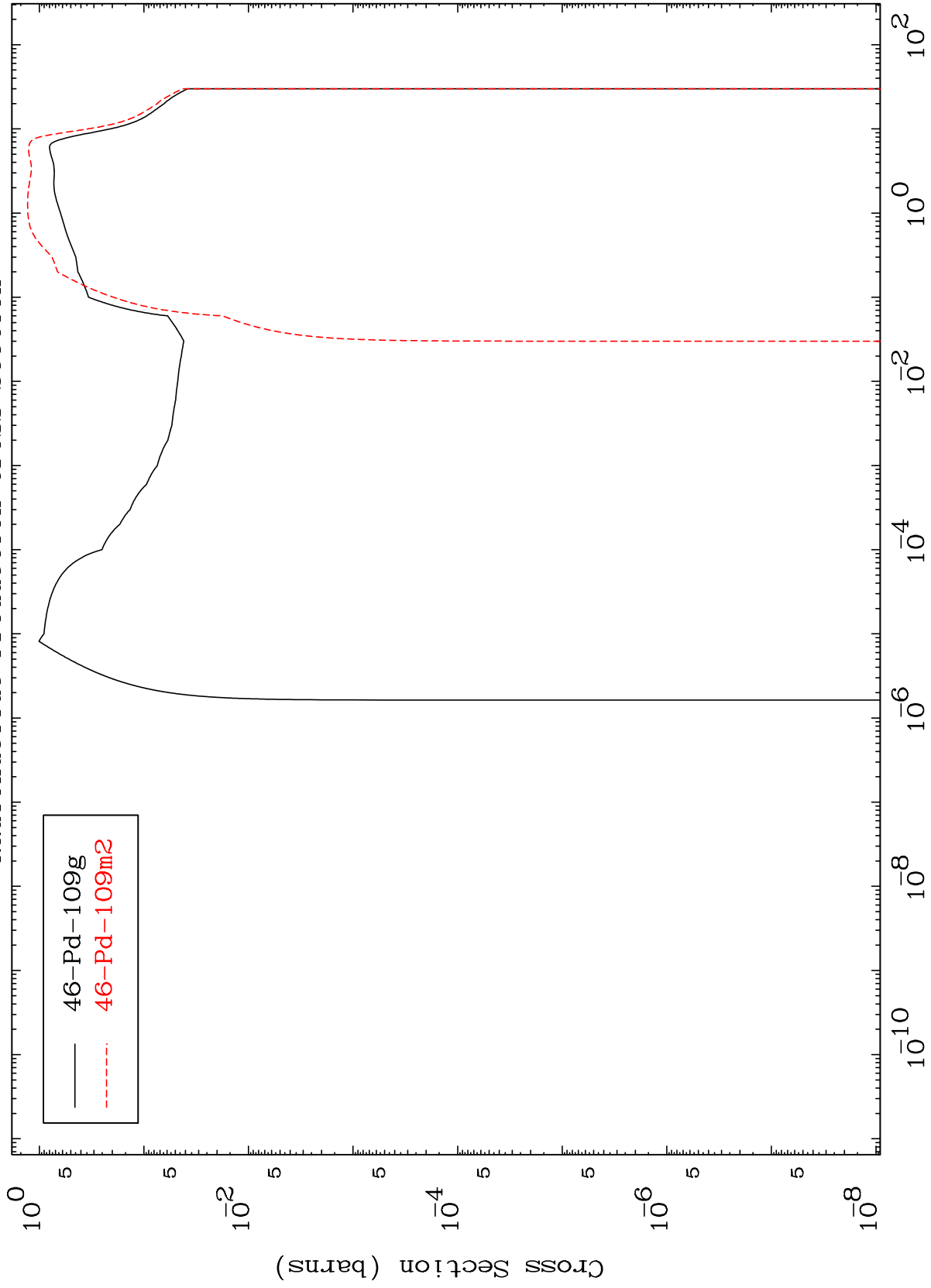
Incident Energy (MeV)

46-Pd-109m

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46-Pd-109m

Inelastic
Radionuclide Production Cross Section



18

46-Pd-109m

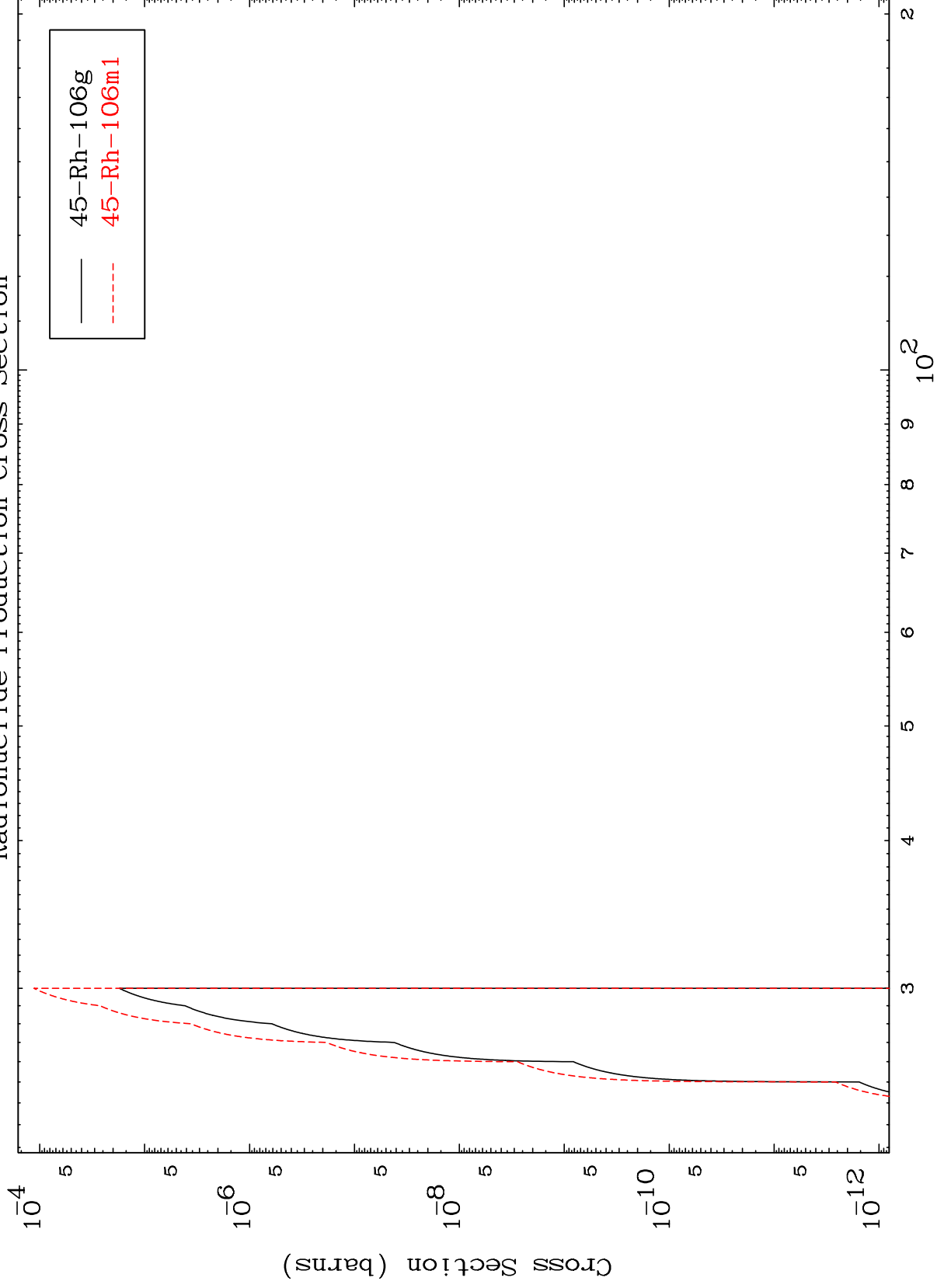
Incident Energy (MeV)

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(n,2n) d

46-Pd-109m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

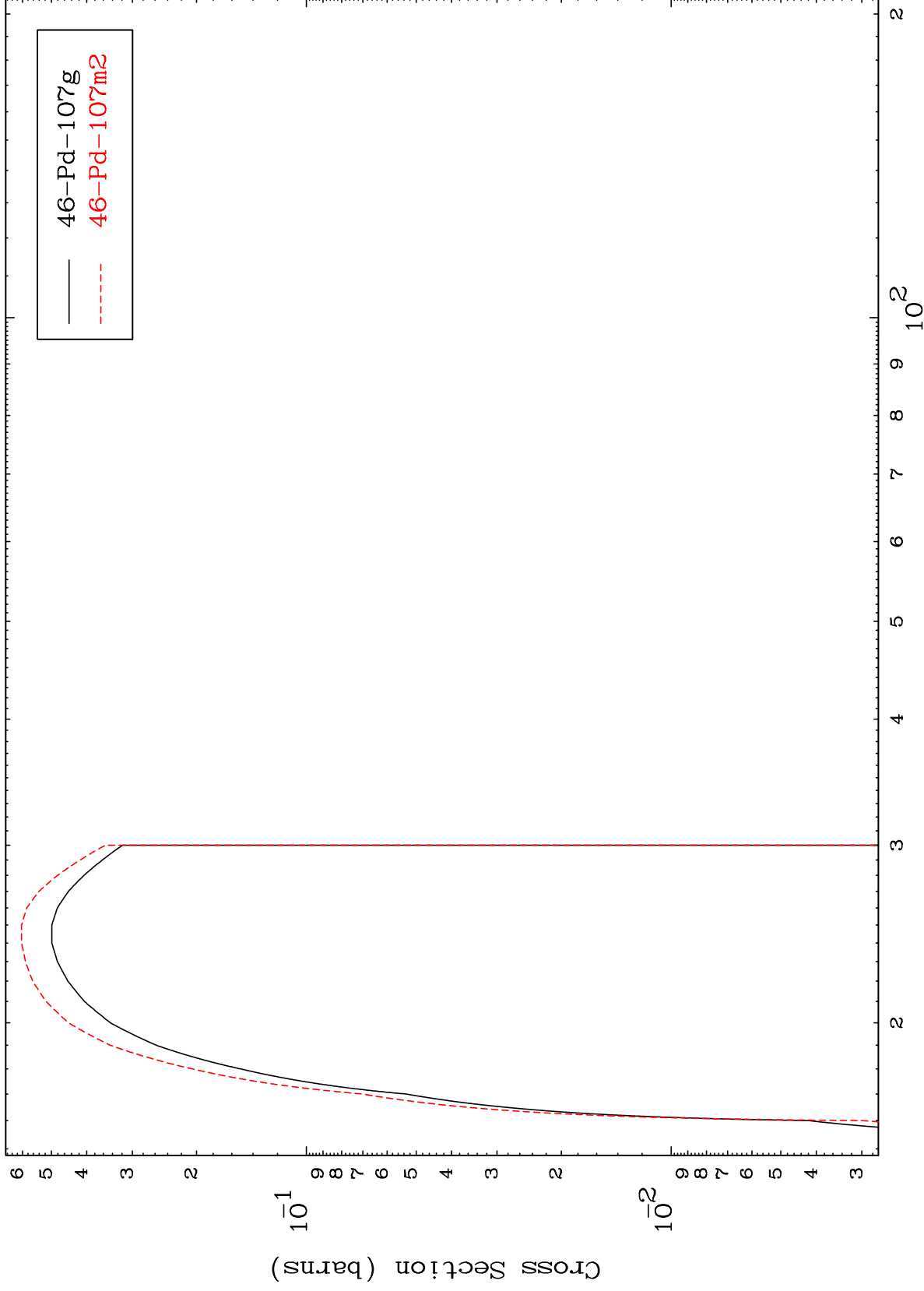
46-Pd-109m

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(n,3n)

46-Pd-109m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

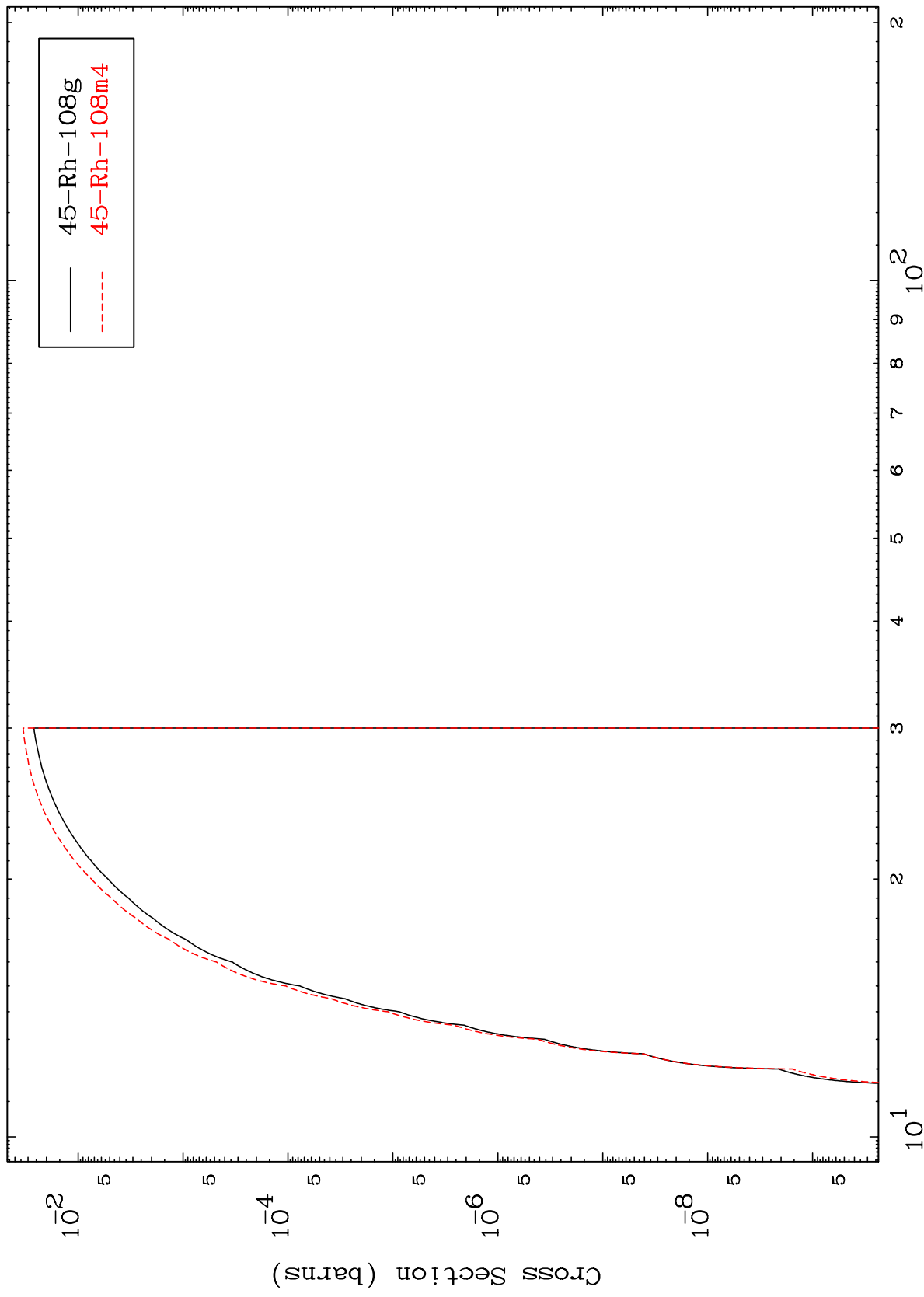
46-Pd-109m

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(n,n') p

46-Pd-109m

Radionuclide Production Cross Section



21

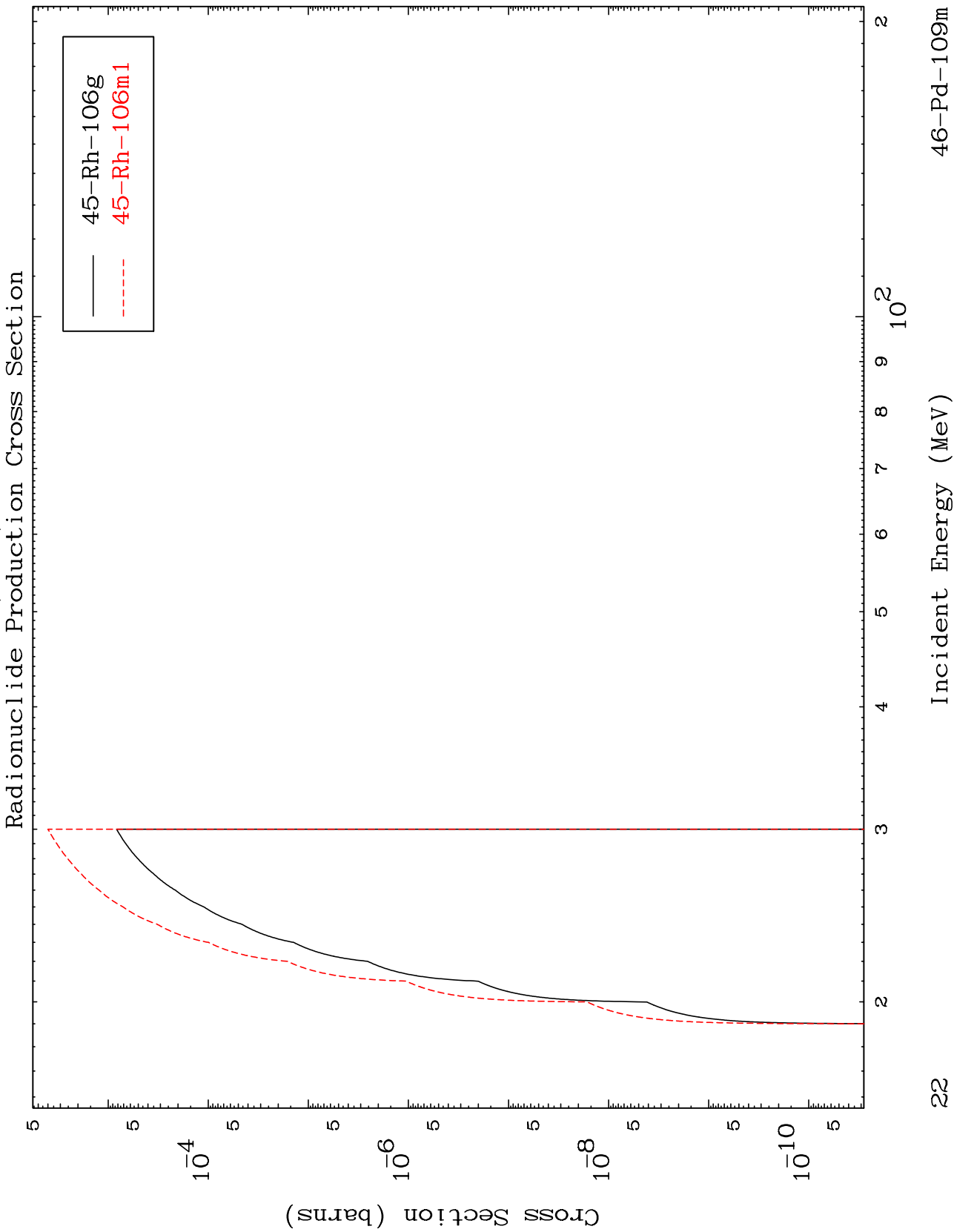
Incident Energy (MeV)

46-Pd-109m

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(n,n') t

46-Pd-109m



22

Incident Energy (MeV)

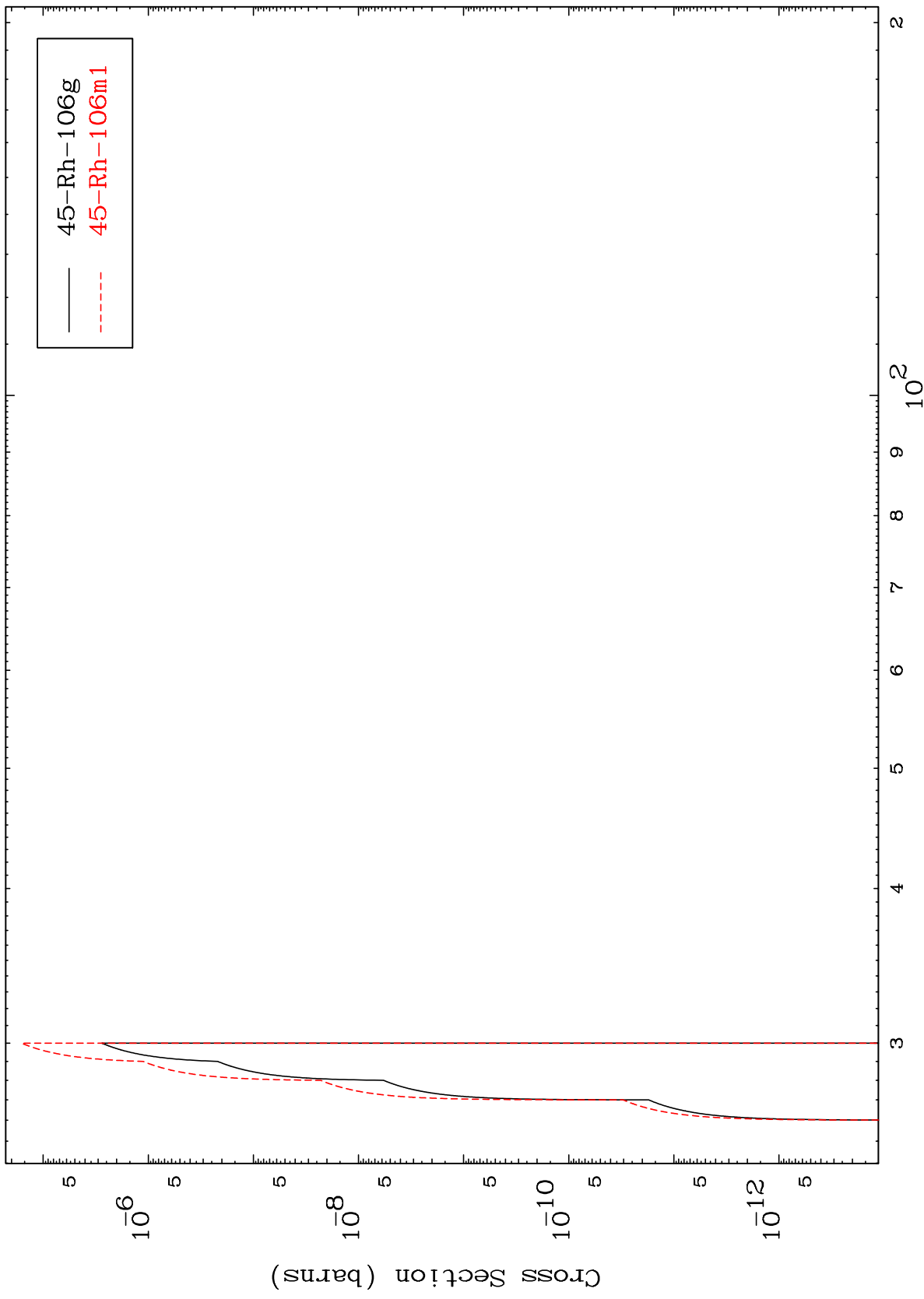
46-Pd-109m

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(n,3n) p

46-Pd-109m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

46-Pd-109m

