

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

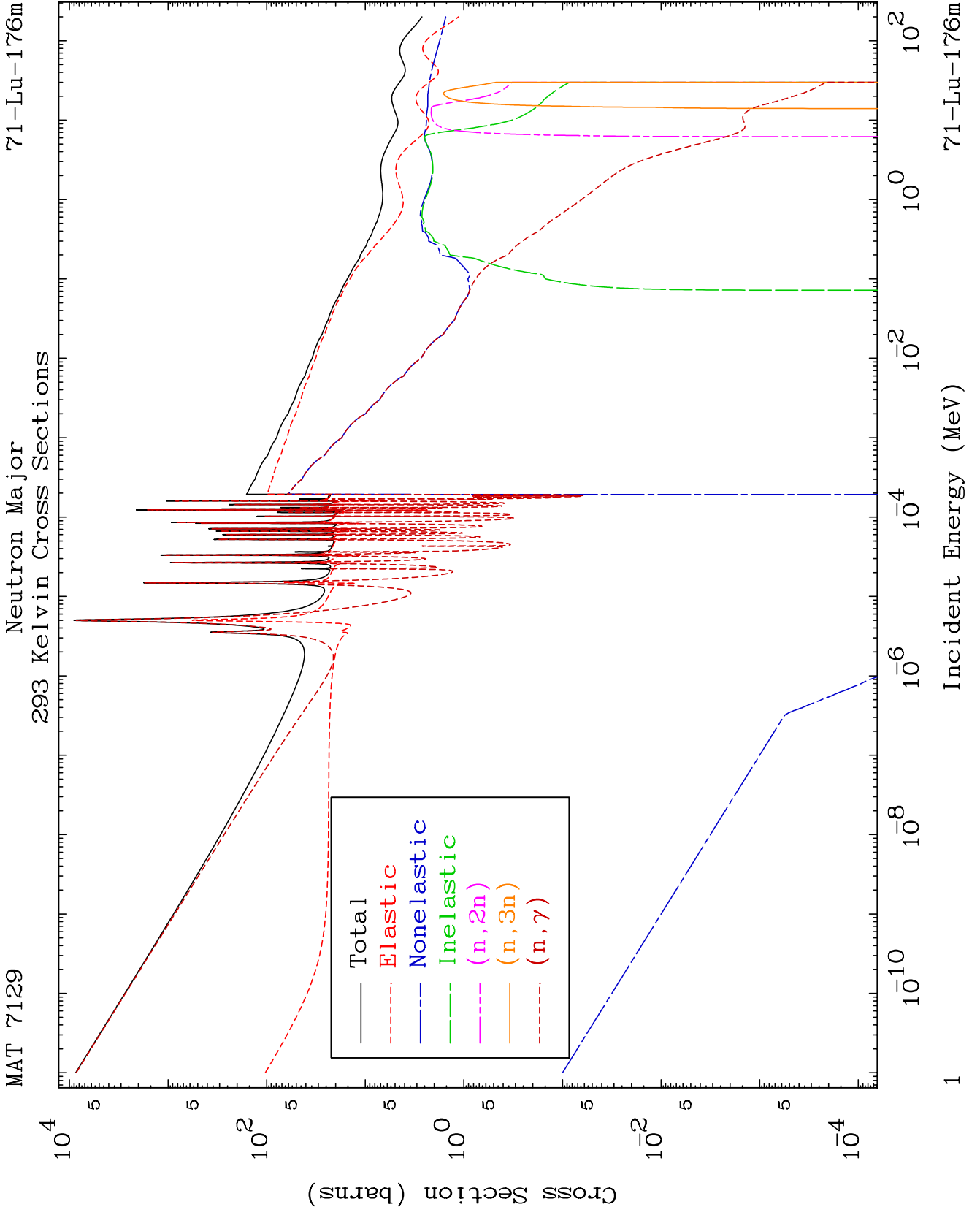
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Web: redcullen1.net/HOMEPAGE.NEW

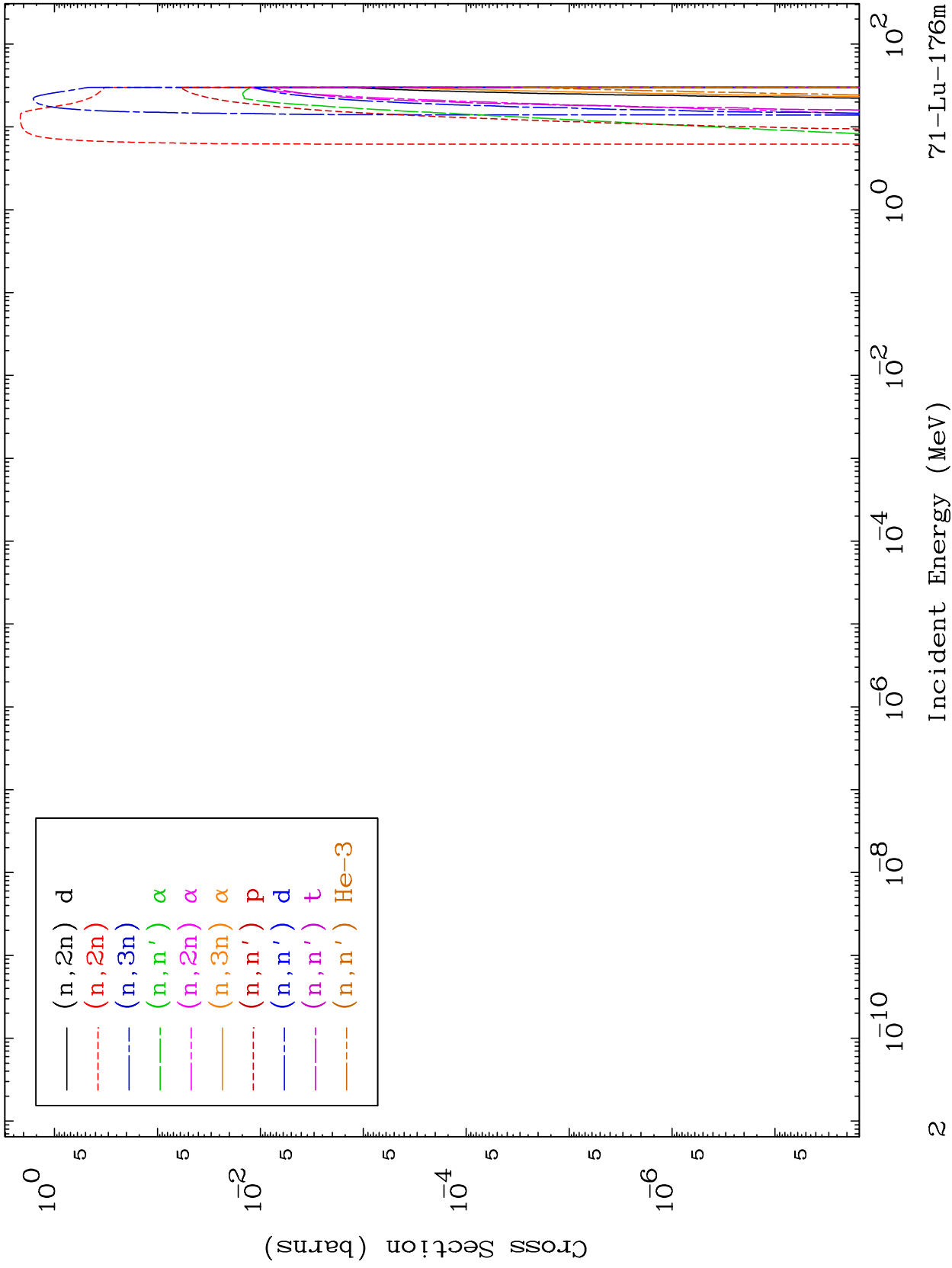
Press Mouse Button to Start

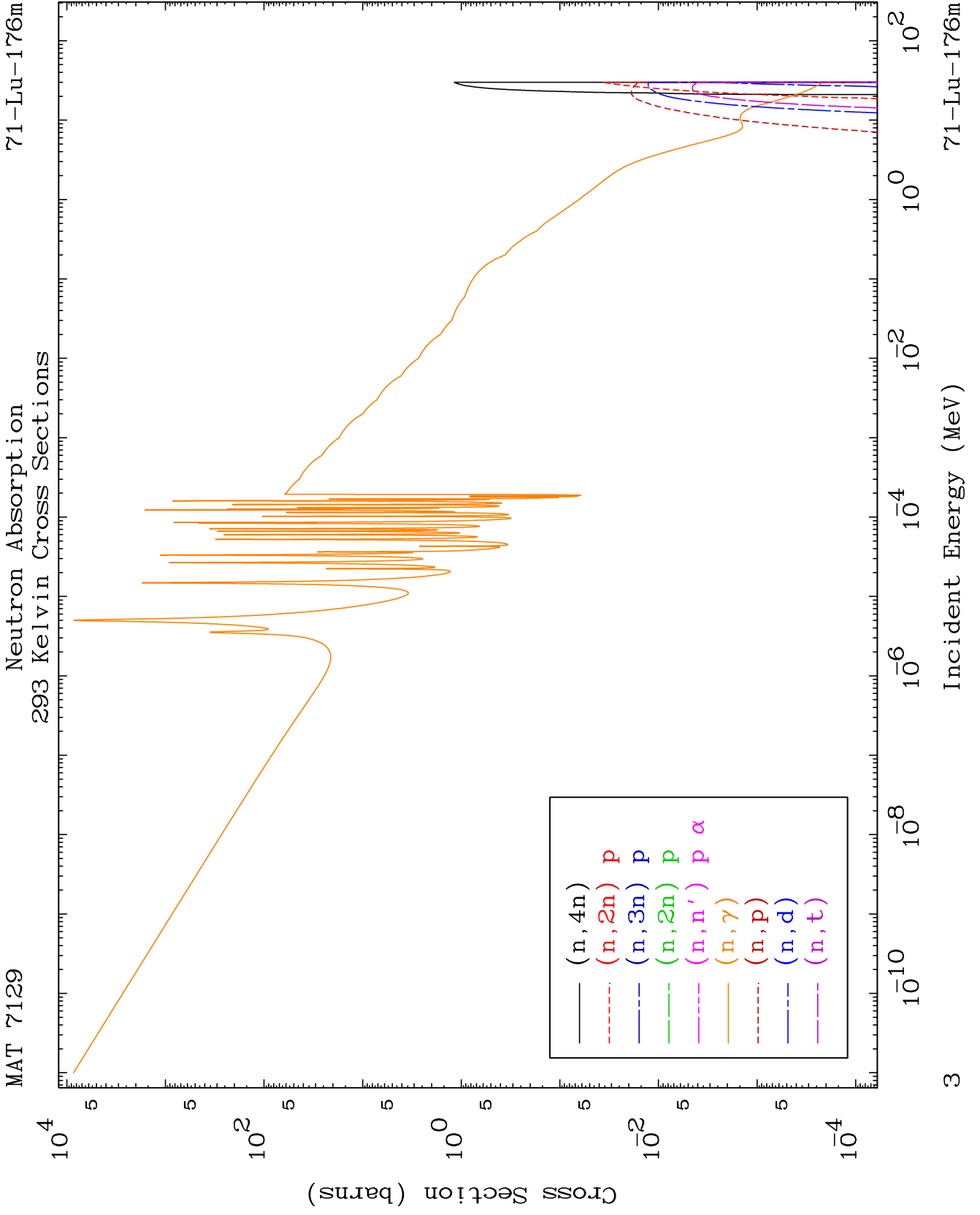


MAT 7129

Neutron Absorption
293 Kelvin Cross Sections

71-Lu-176m

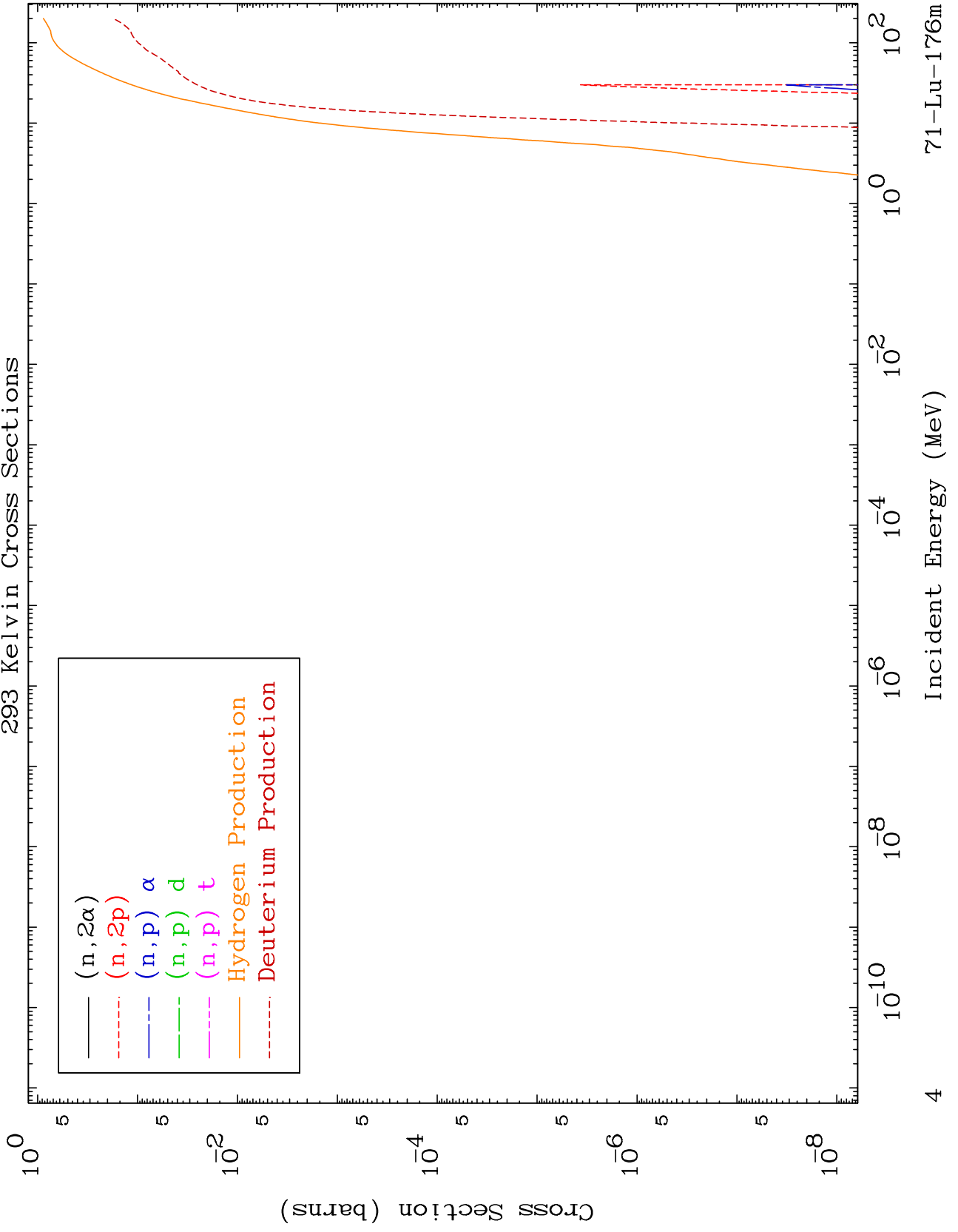




MAT 7129

Neutron Absorption
293 Kelvin Cross Sections

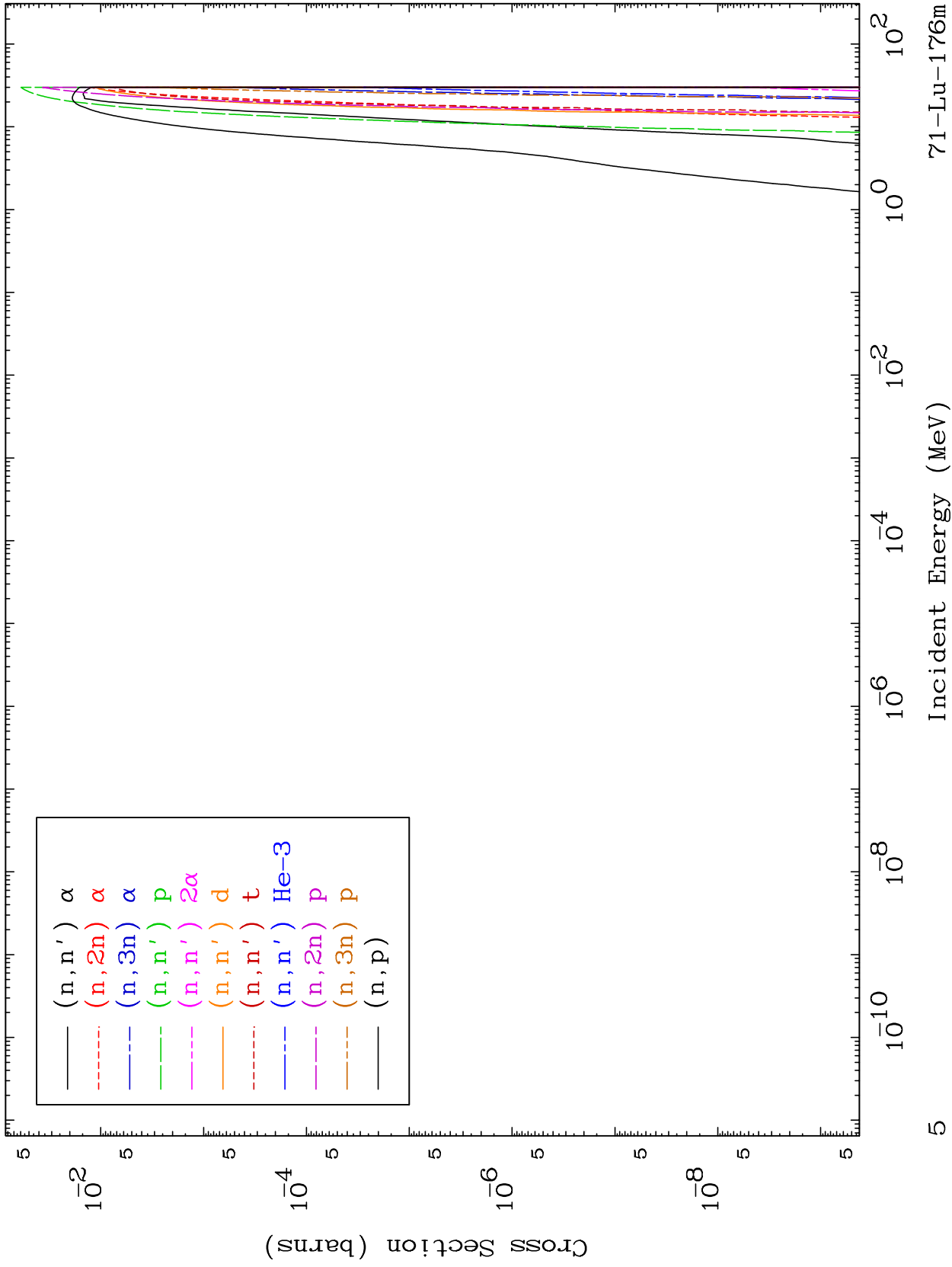
71-Lu-176m



MAT 7129

Charged Particle
293 Kelvin Cross Sections

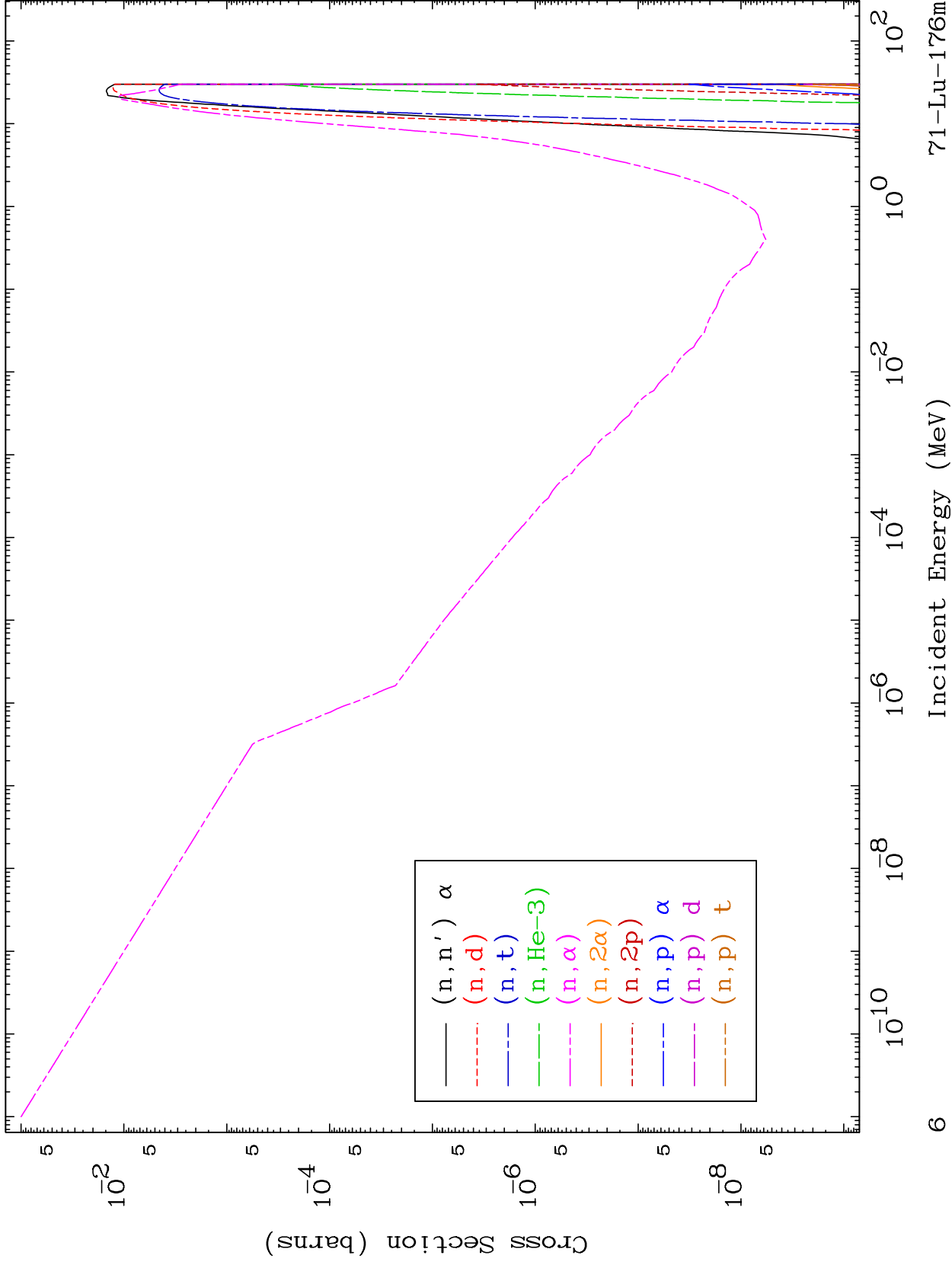
71-Lu-176m



MAT 7129

Charged Particle
293 Kelvin Cross Sections

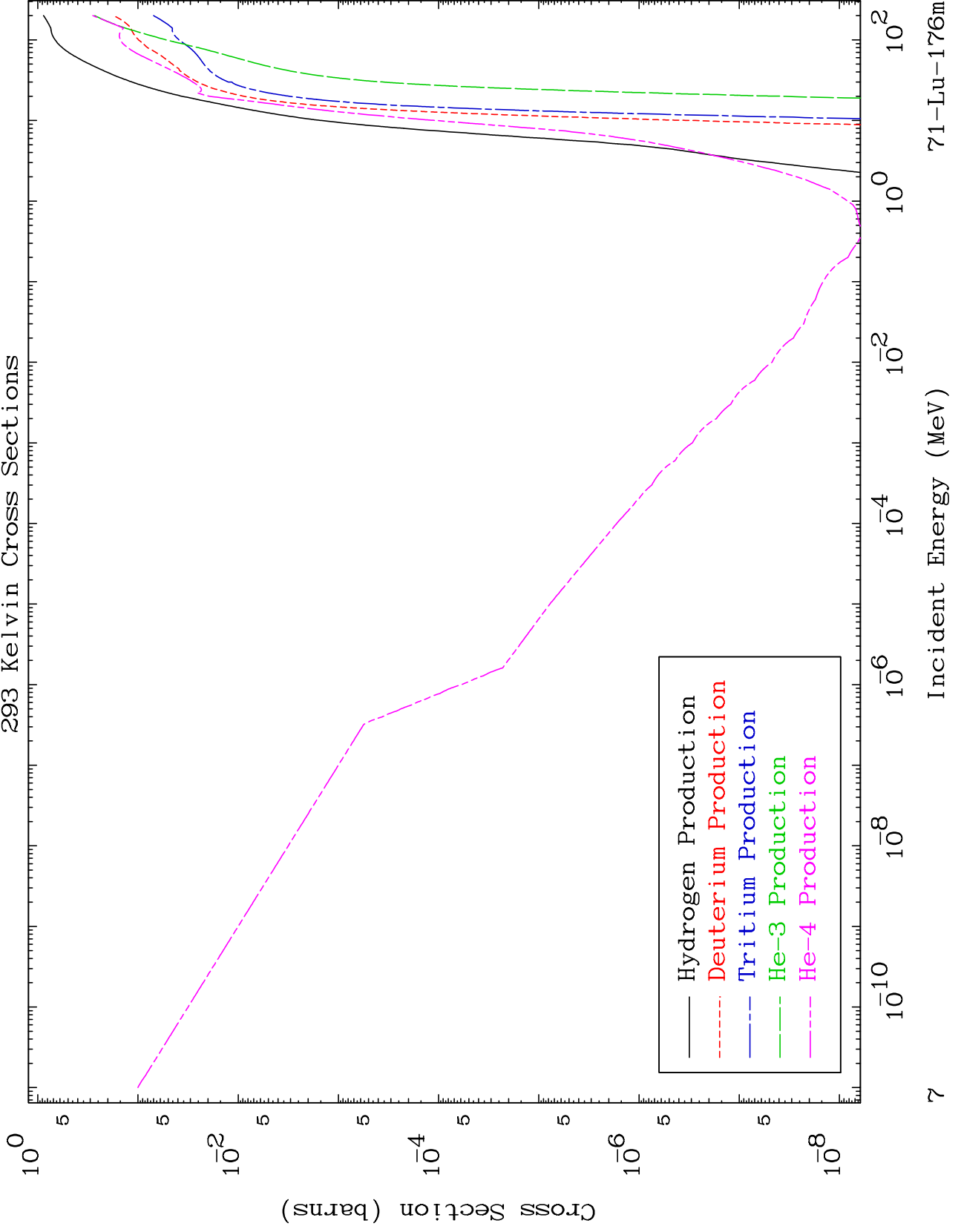
71-Lu-176m



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Particle Production
293 Kelvin Cross Sections

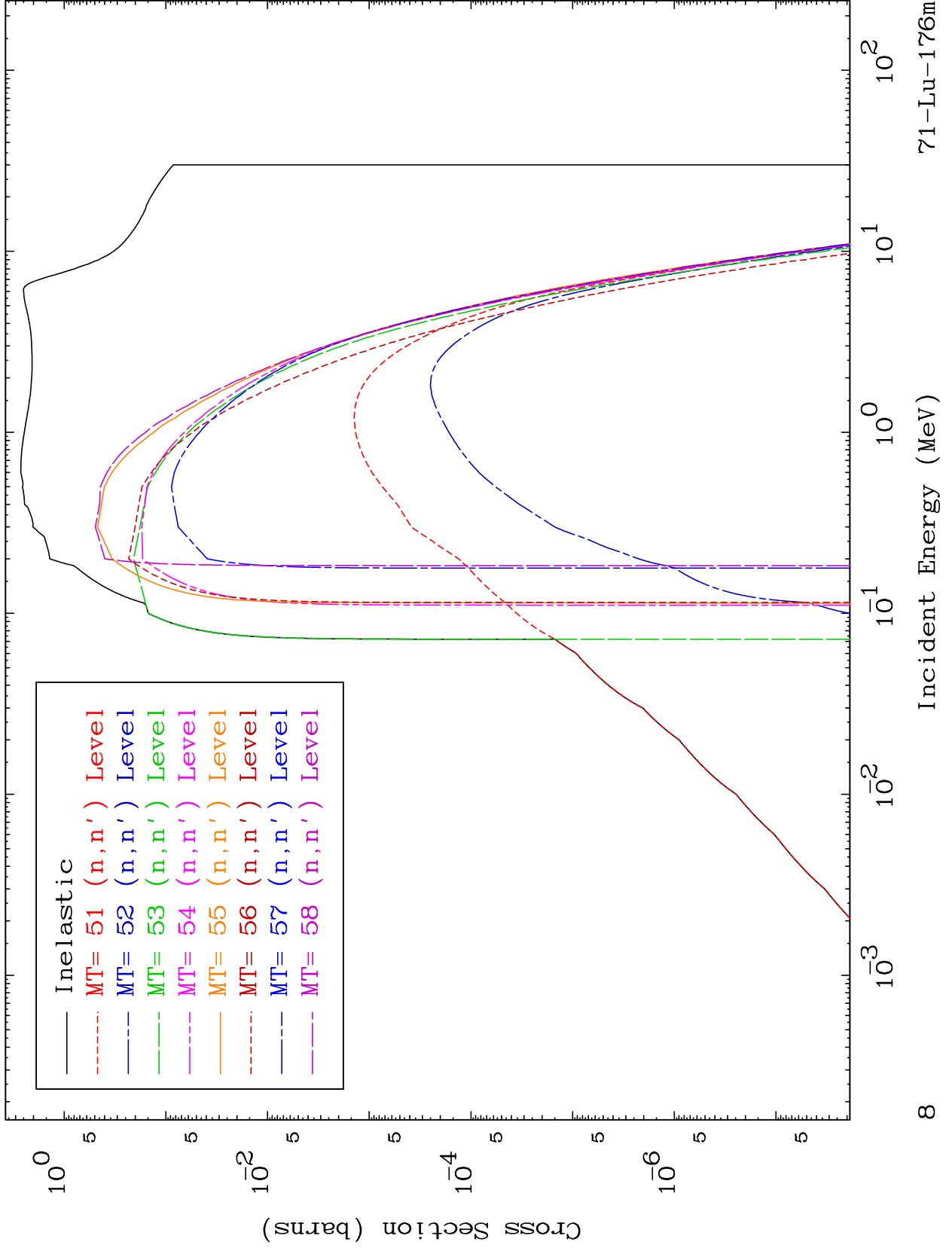
71-Lu-176m



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293 Kelvin Cross Sections
(n,n') Levels

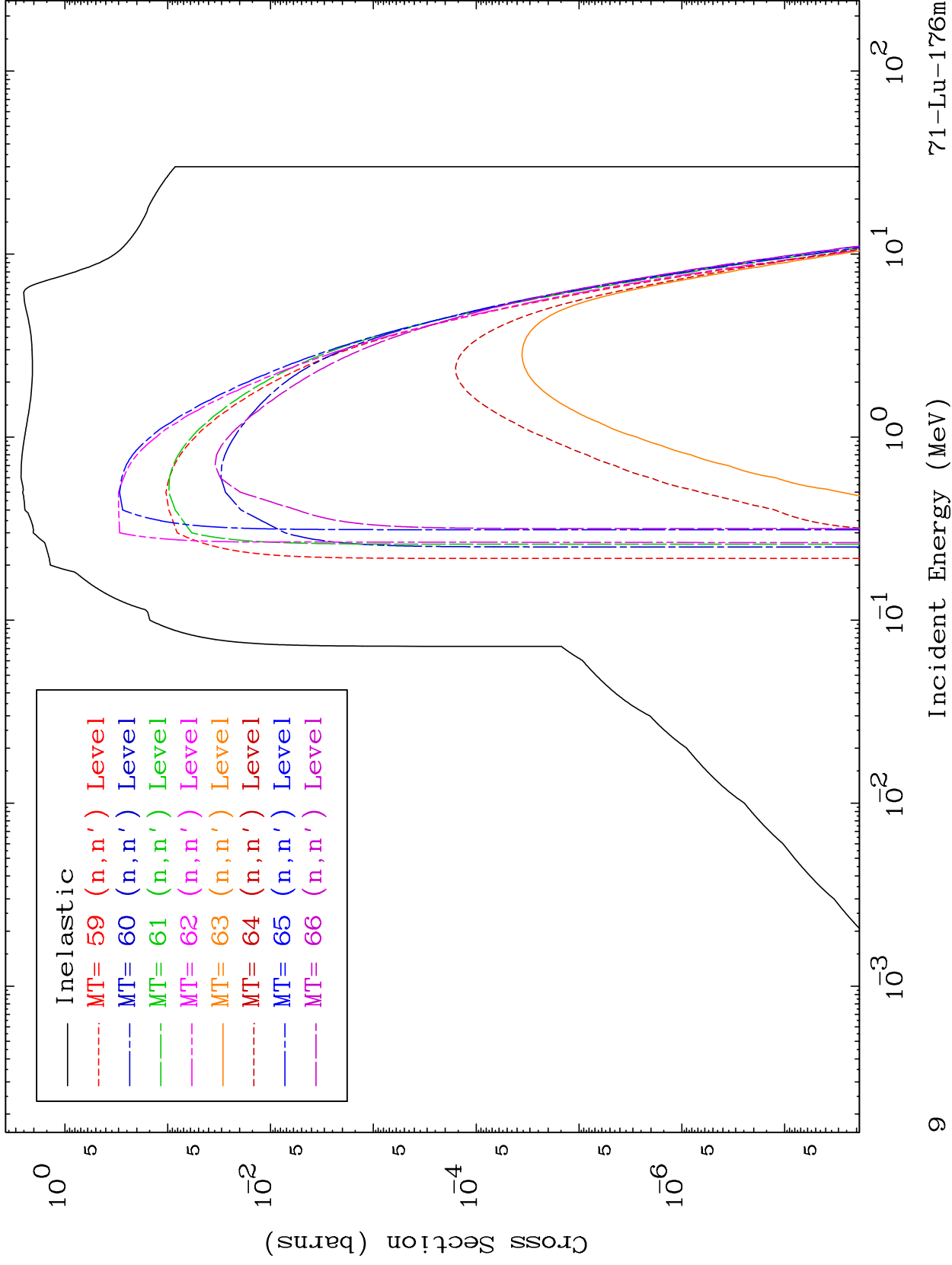
71-Lu-176m



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293 Kelvin Cross Sections
(n,n') Levels

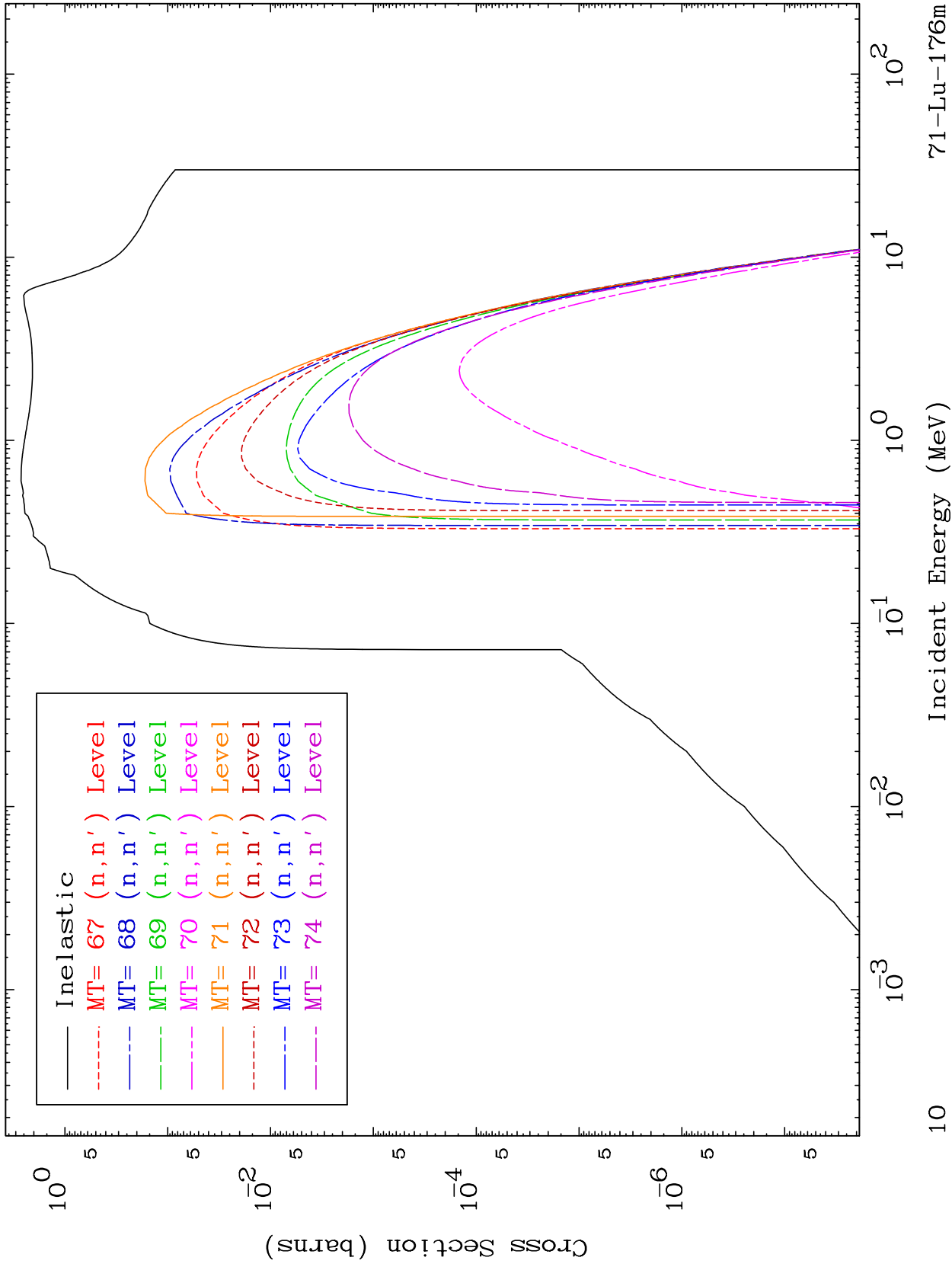
71-Lu-176m



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293 Kelvin Cross Sections
(n,n') Levels

71-Lu-176m



10

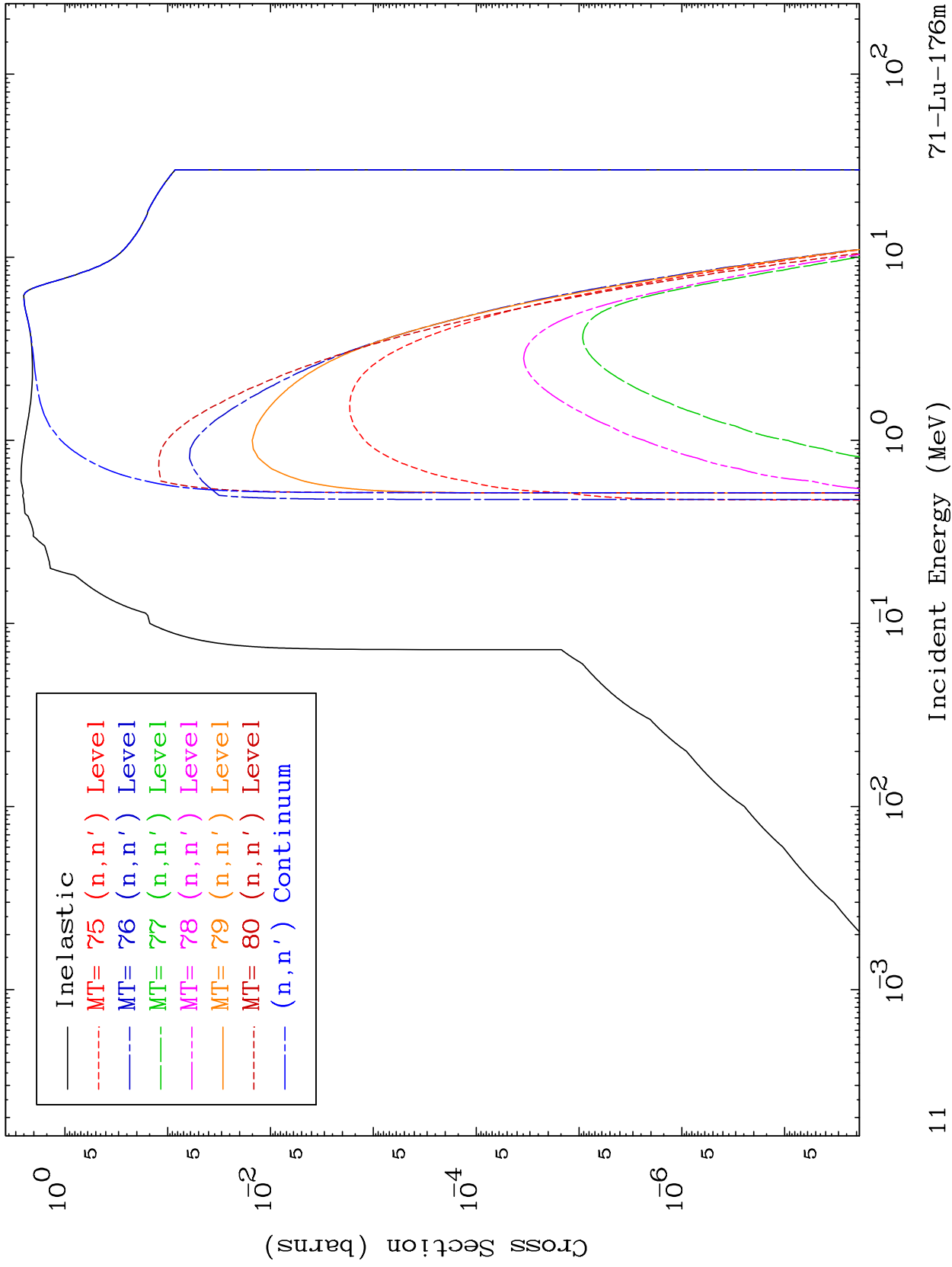
Incident Energy (MeV)

71-Lu-176m

MAT 7129

293 Kelvin Cross Sections
(n,n') Levels

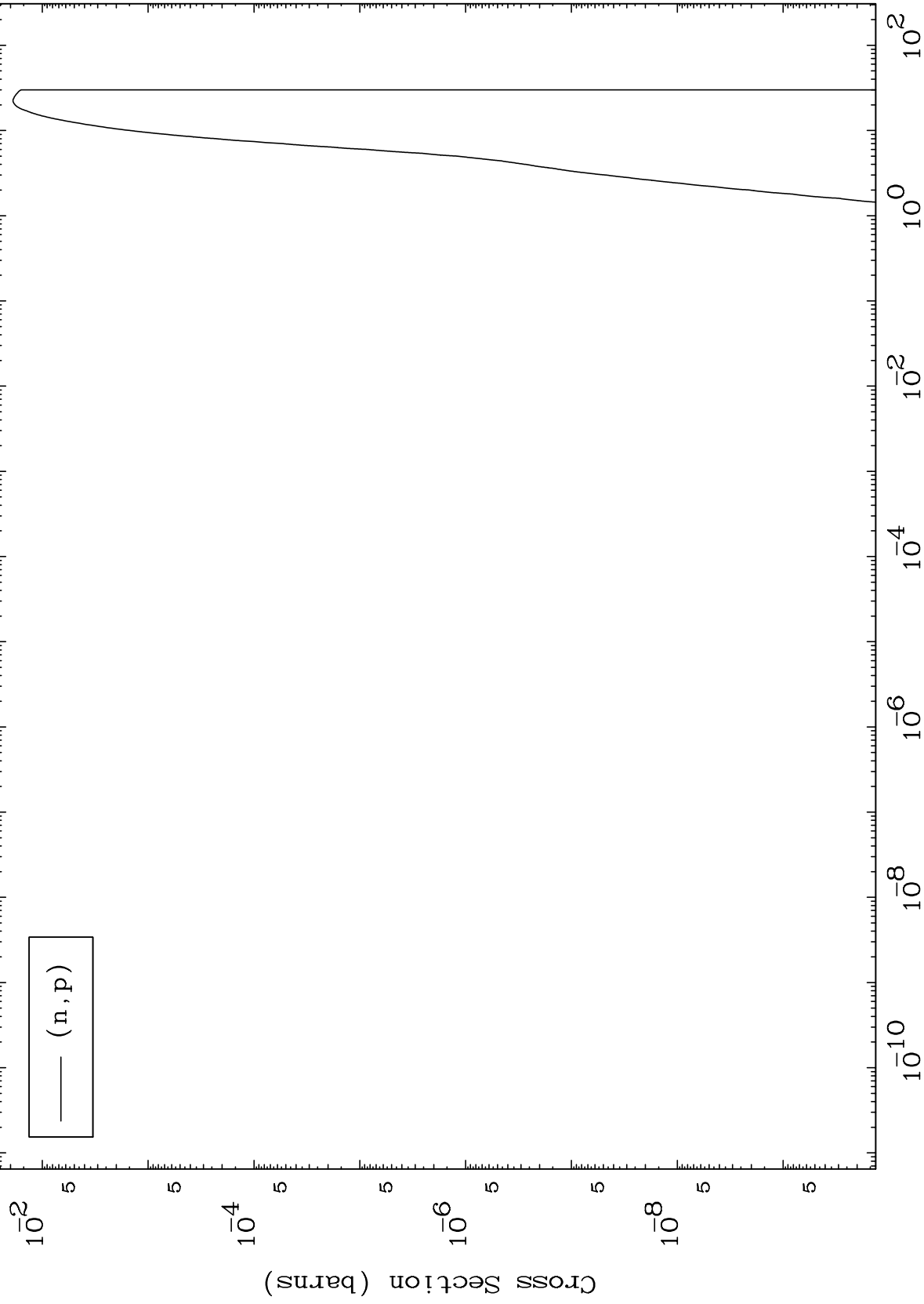
71-Lu-176m



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(n,p) Levels
293 Kelvin Cross Sections

71-Lu-176m



12

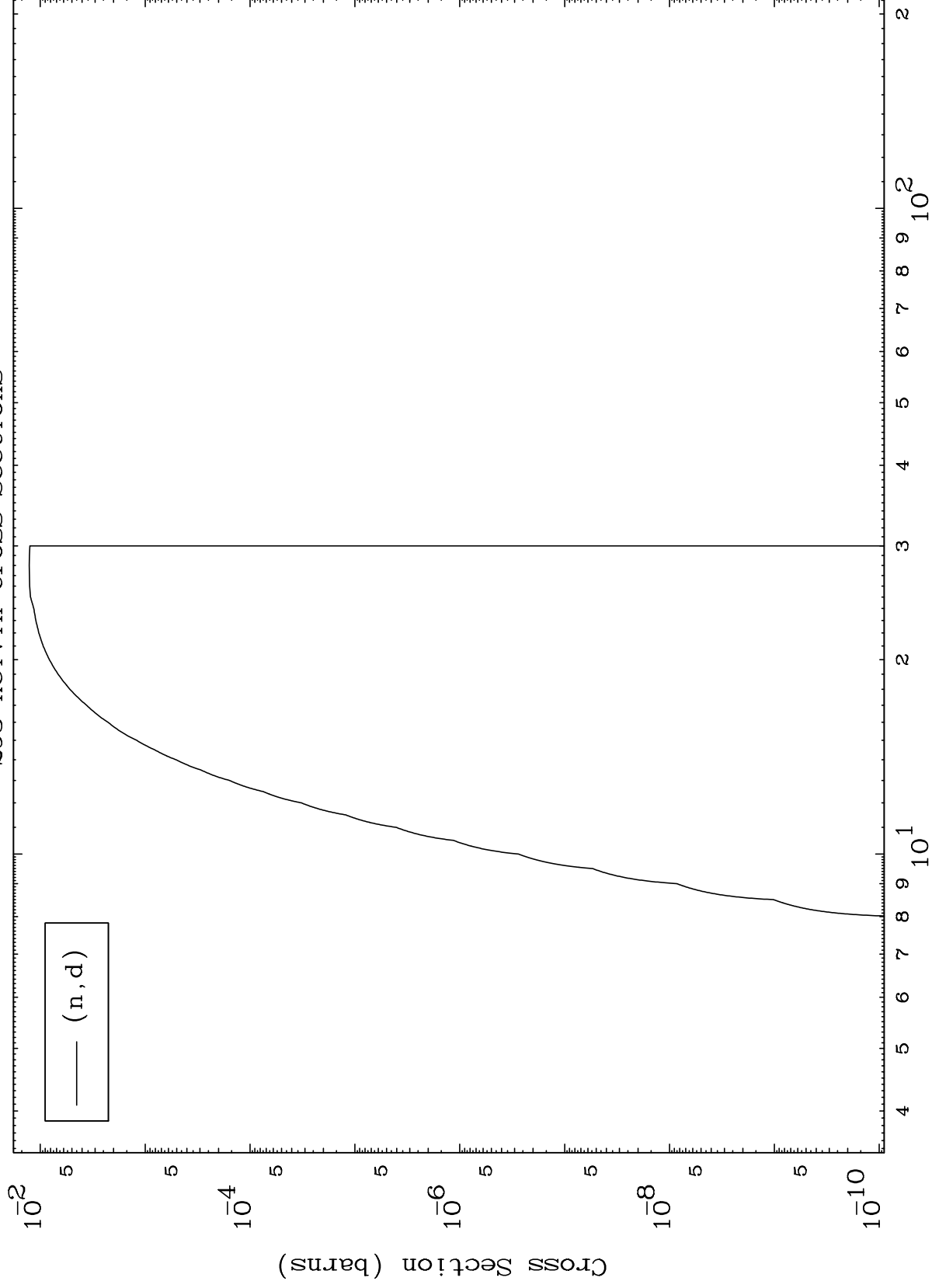
Incident Energy (MeV)

71-Lu-176m

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(n,d) Levels
293 Kelvin Cross Sections

71-Lu-176m



13

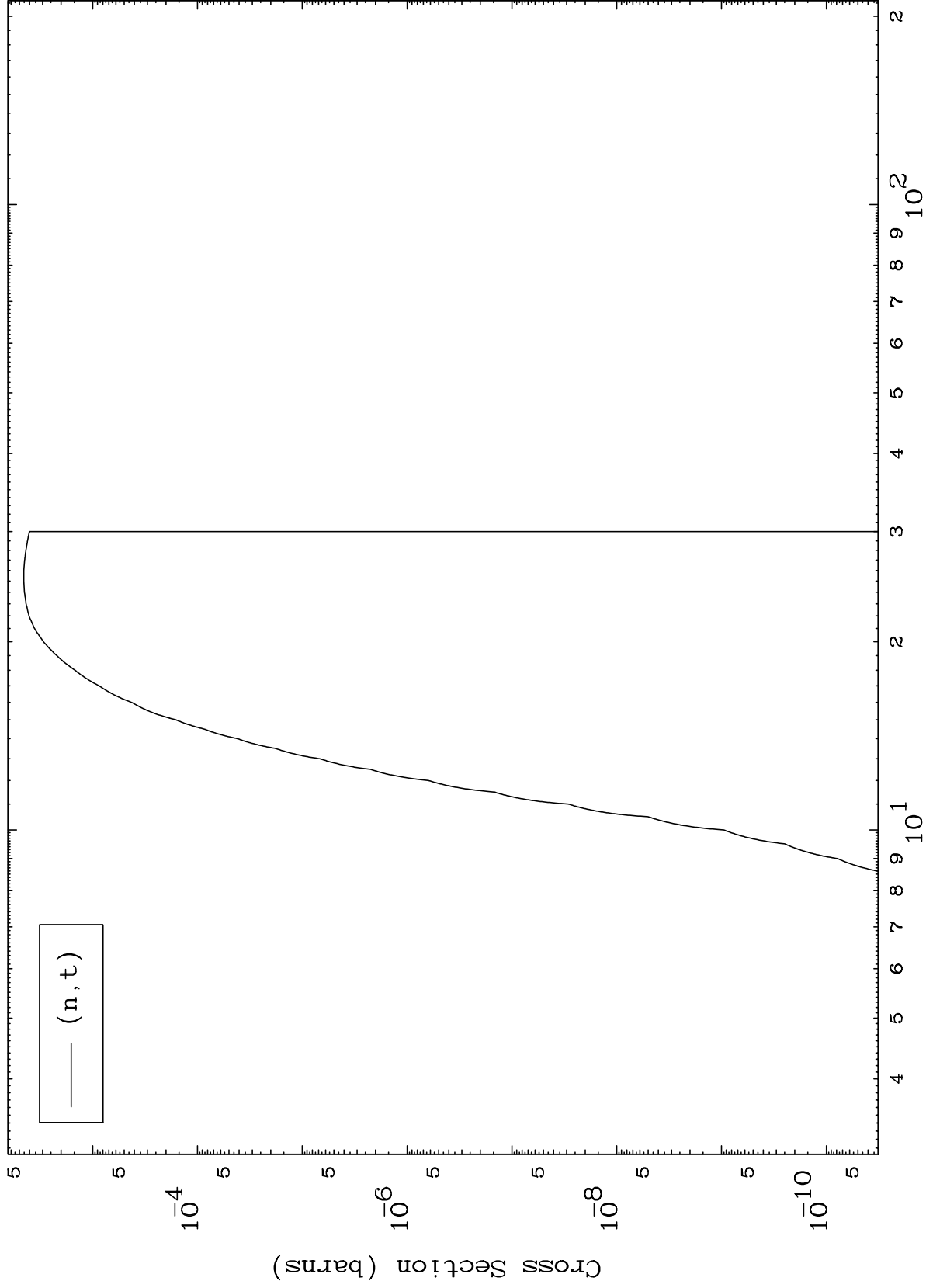
Incident Energy (MeV)

71-Lu-176m

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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-176m



14

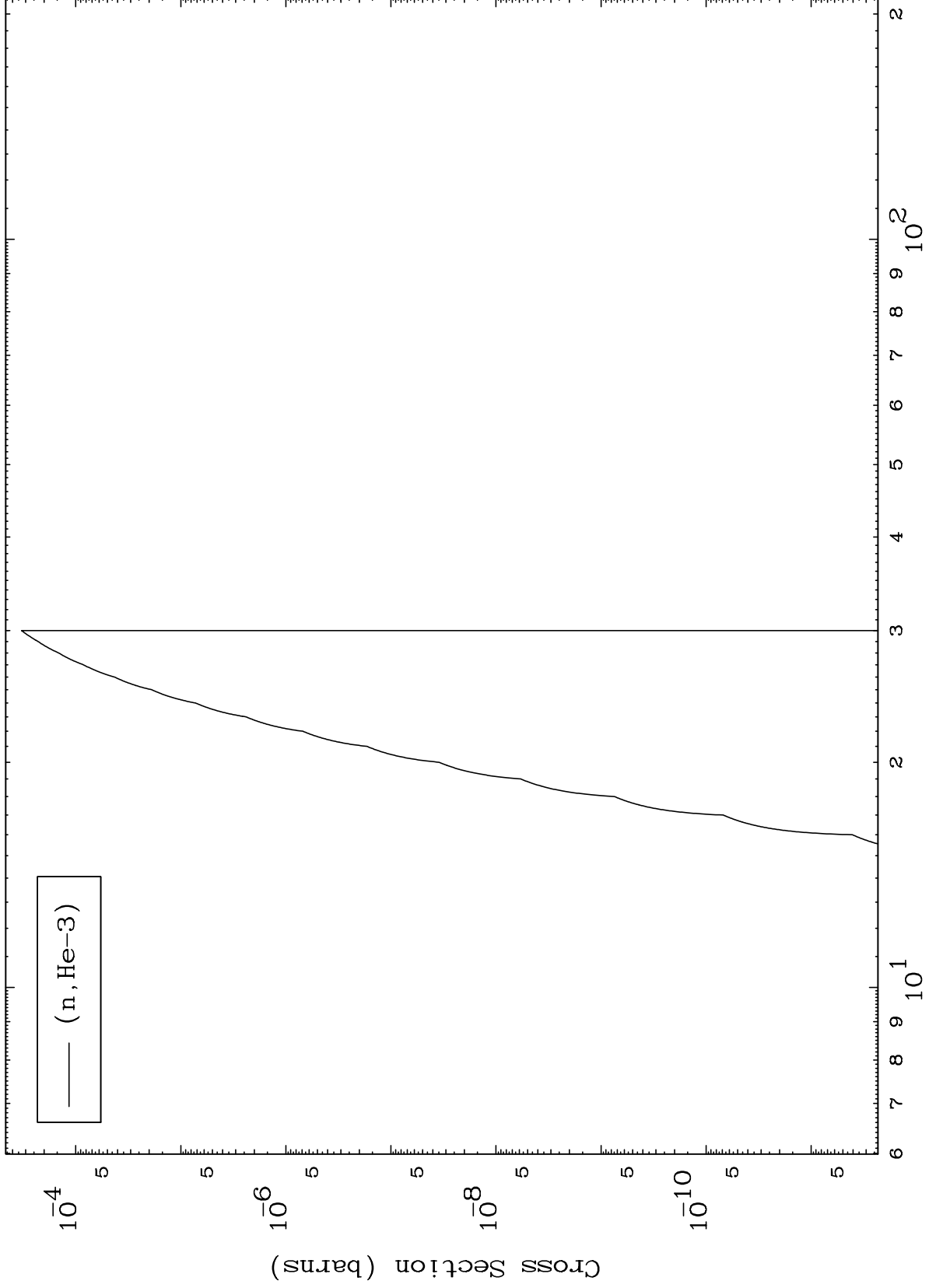
Incident Energy (MeV)

71-Lu-176m

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(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-176m



15

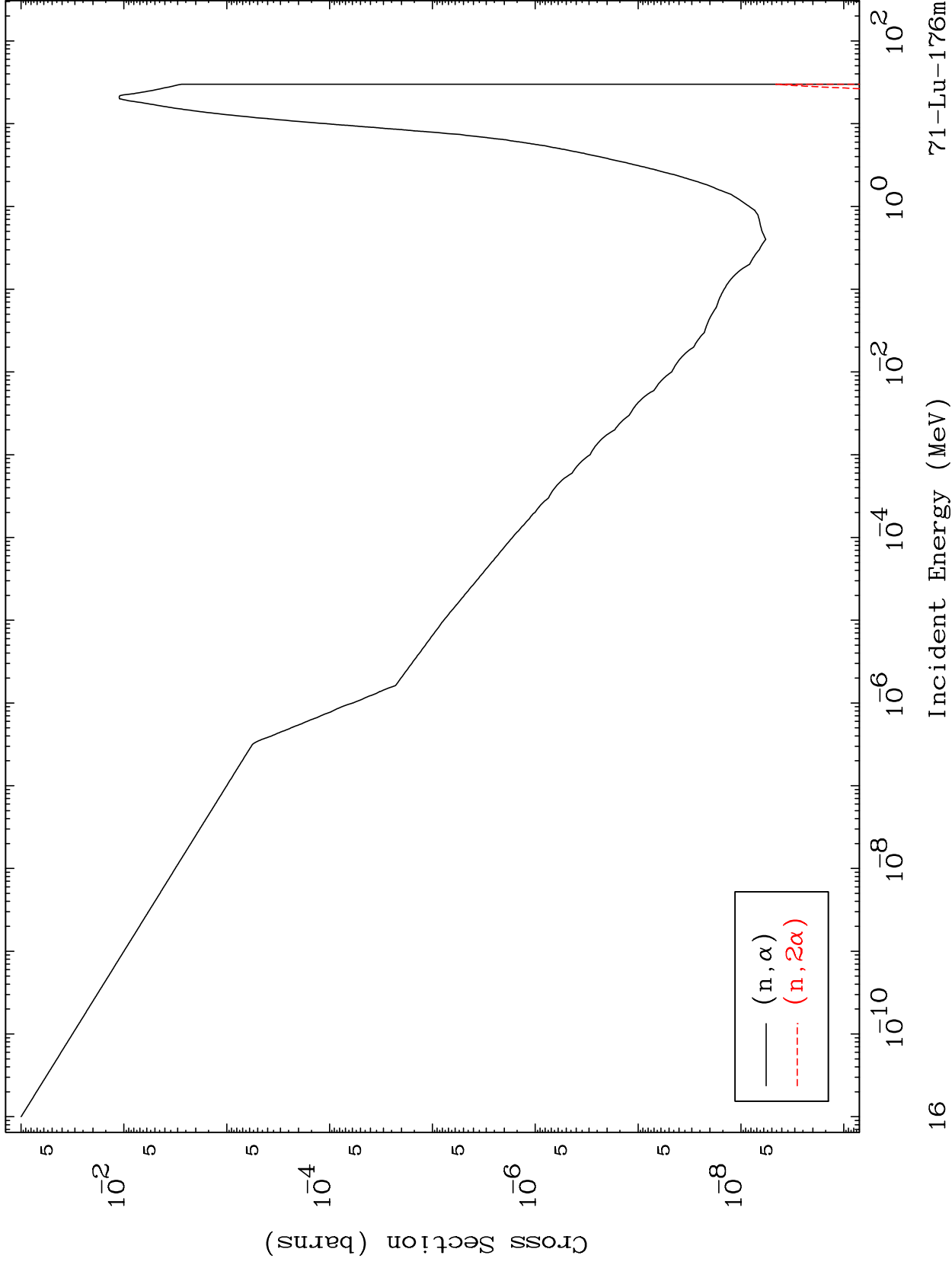
Incident Energy (MeV)

71-Lu-176m

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(n, α) Levels
293 Kelvin Cross Sections

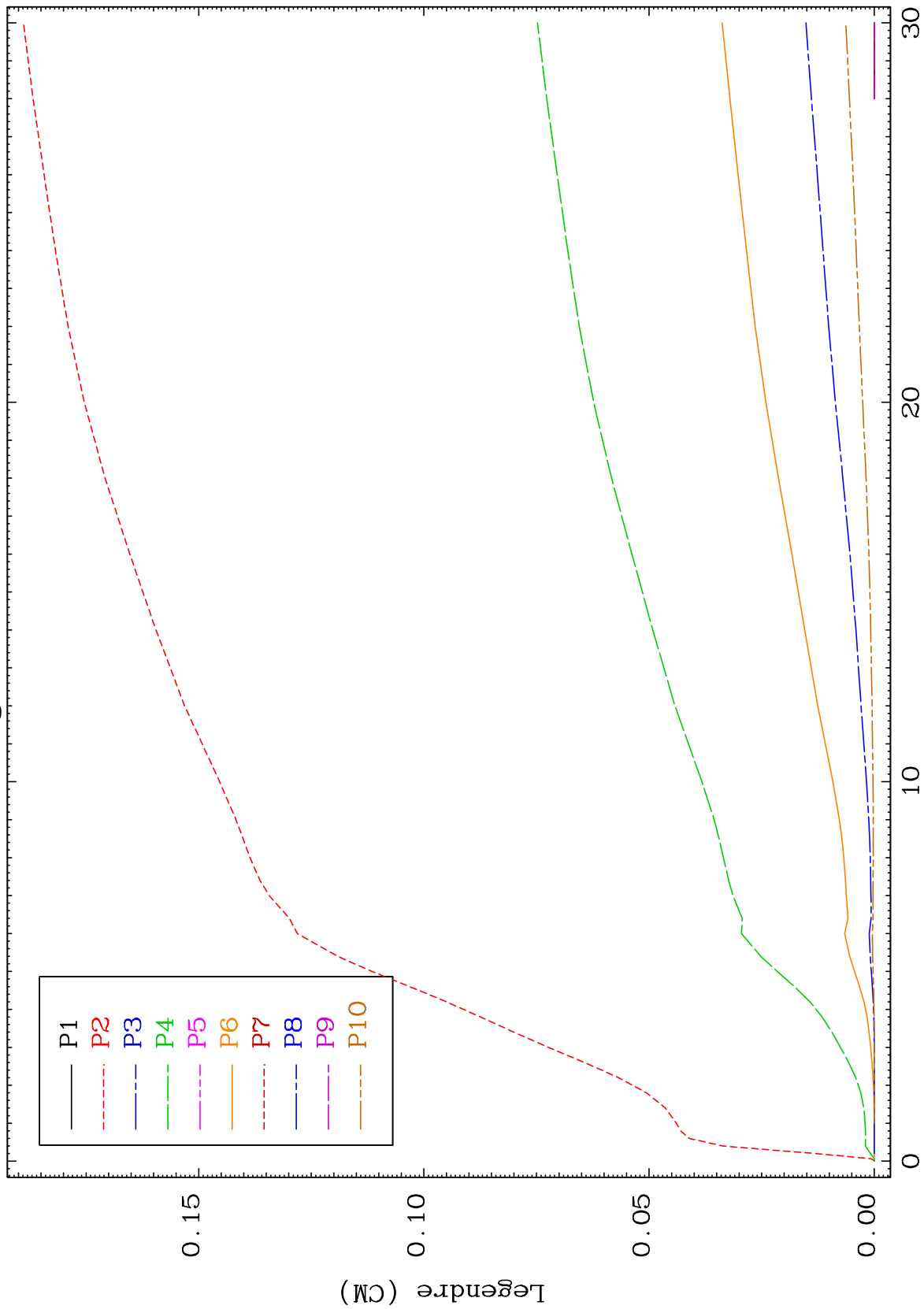
71-Lu-176m



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Elastic Legendre Coefficients

71-Lu-176m



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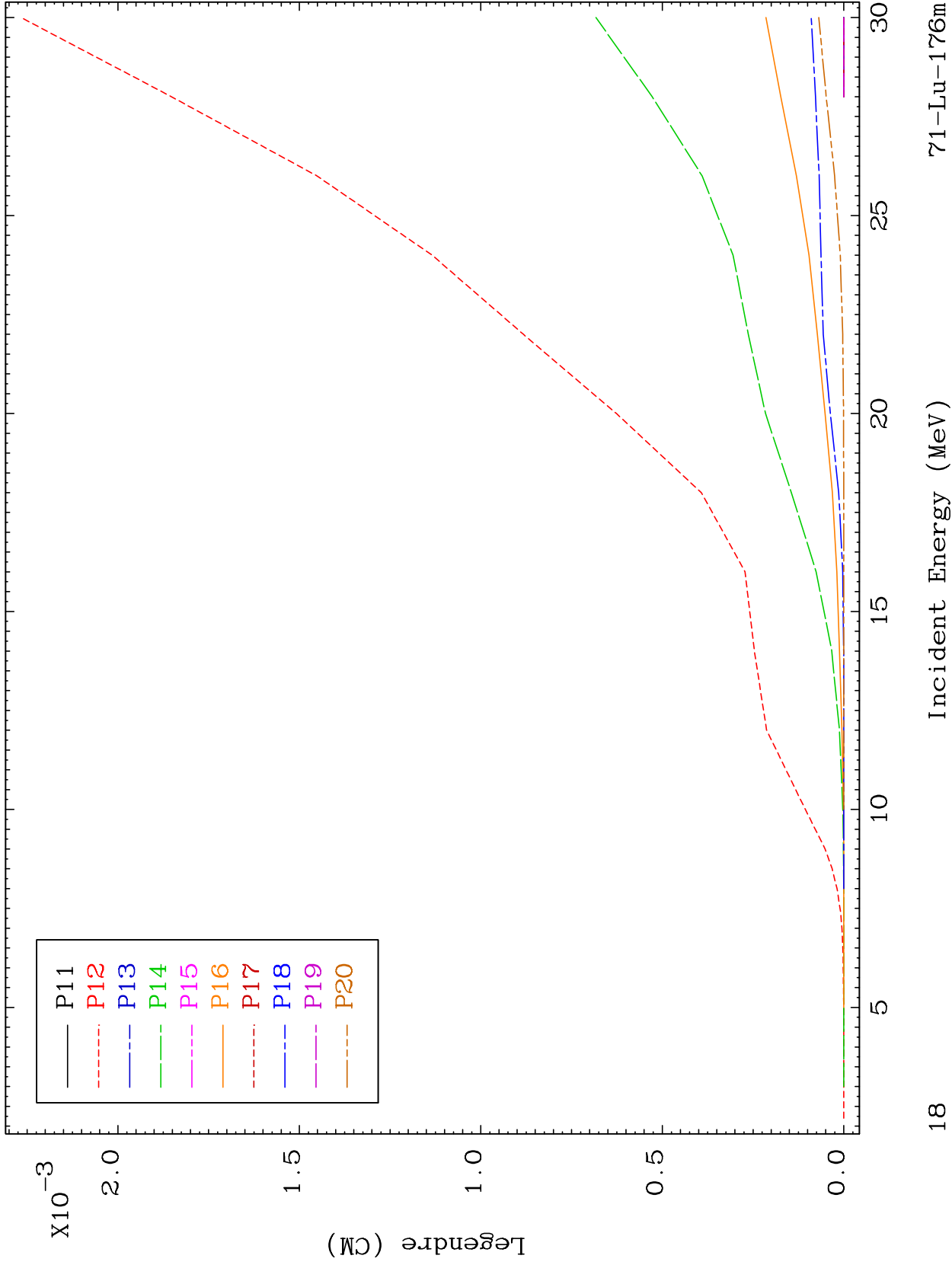
Incident Energy (MeV)

71-Lu-176m

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Elastic
Legendre Coefficients

71-Lu-176m



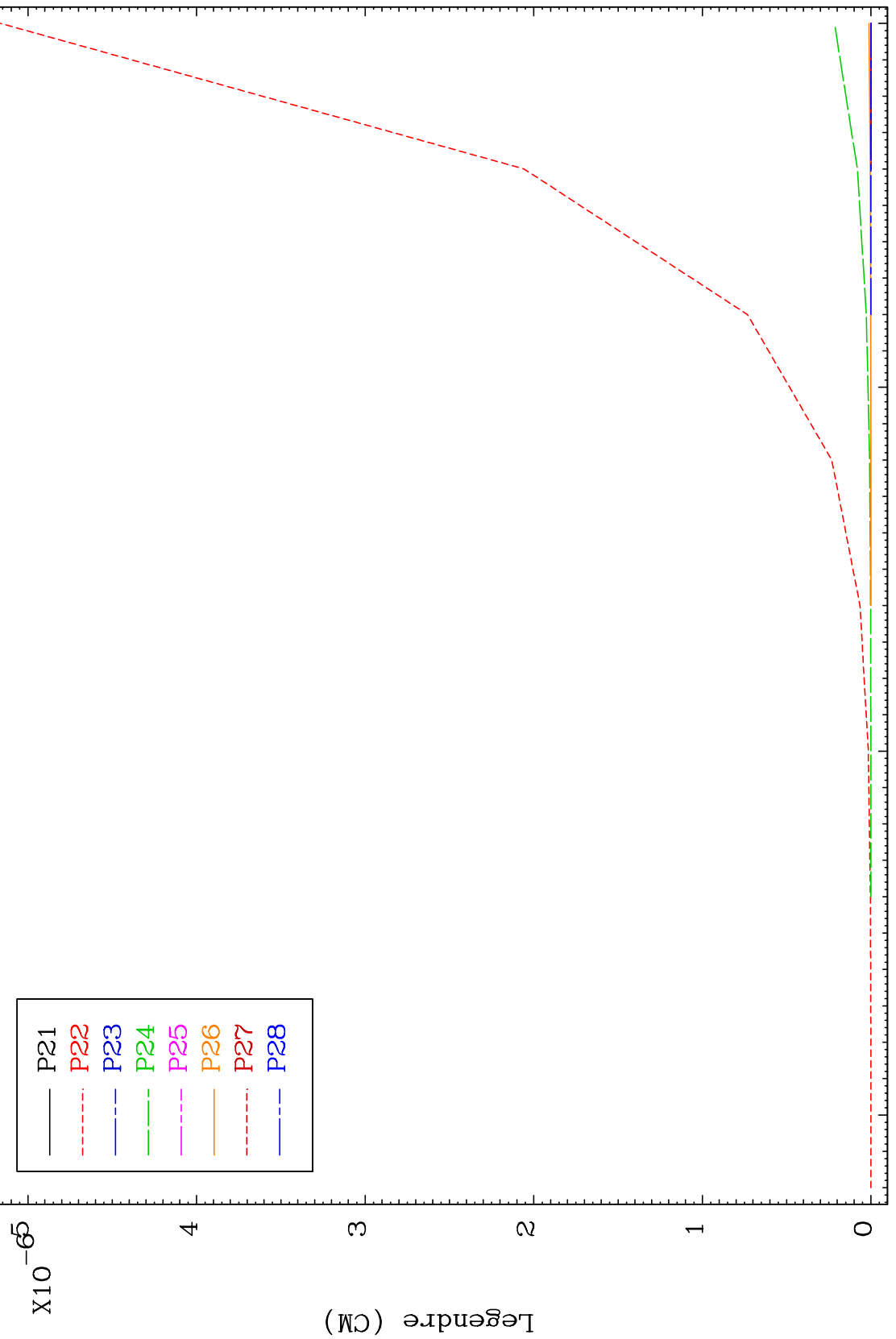
18

71-Lu-176m

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Elastic Legendre Coefficients

71-Lu-176m



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Incident Energy (MeV)

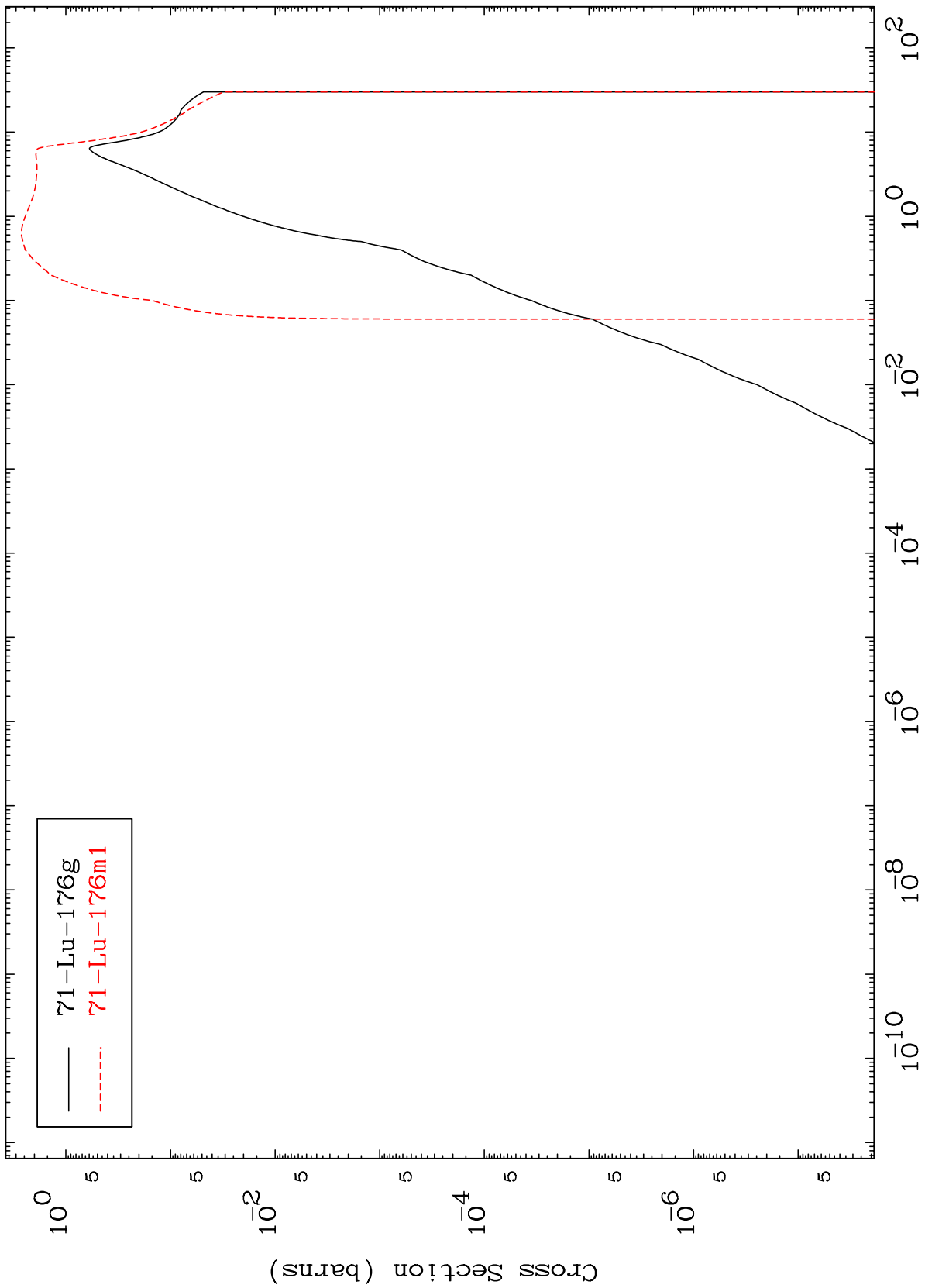
71-Lu-176m

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Inelastic

⁷¹Lu-176m

Radionuclide Production Cross Section

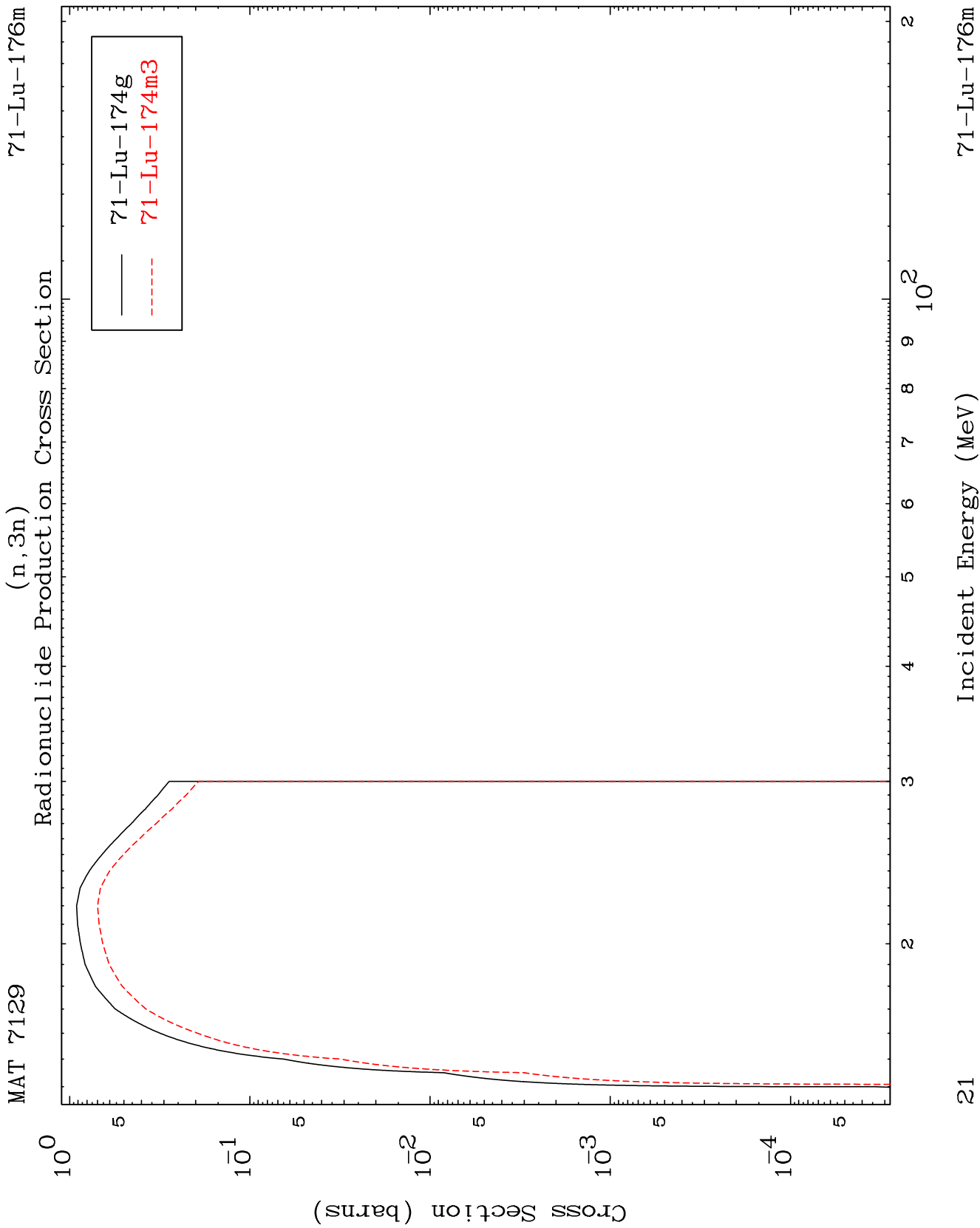


— ⁷¹Lu-176g
- - - ⁷¹Lu-176m1

Incident Energy (MeV)

⁷¹Lu-176m

20

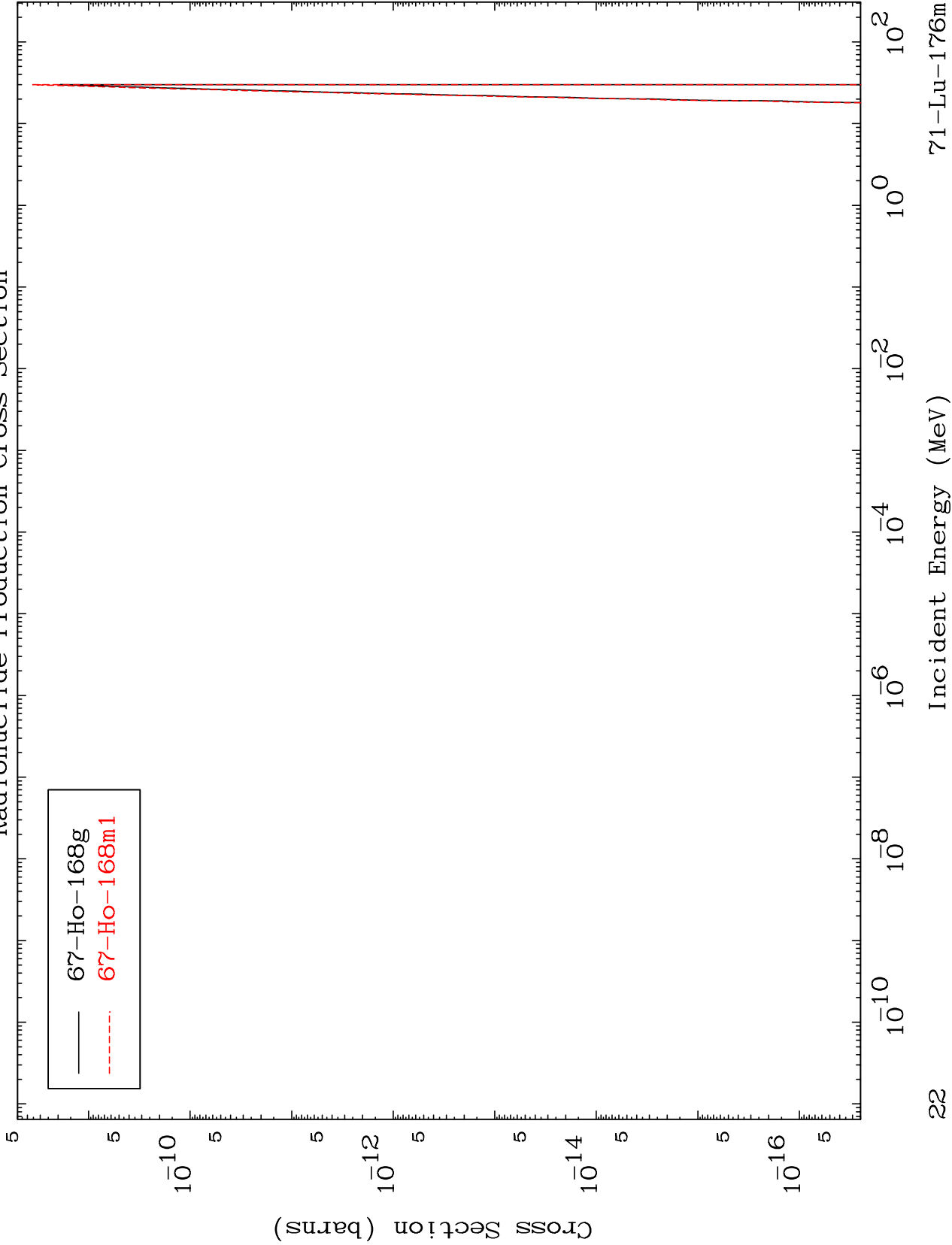


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(n,n') 2α

71-Lu-176m

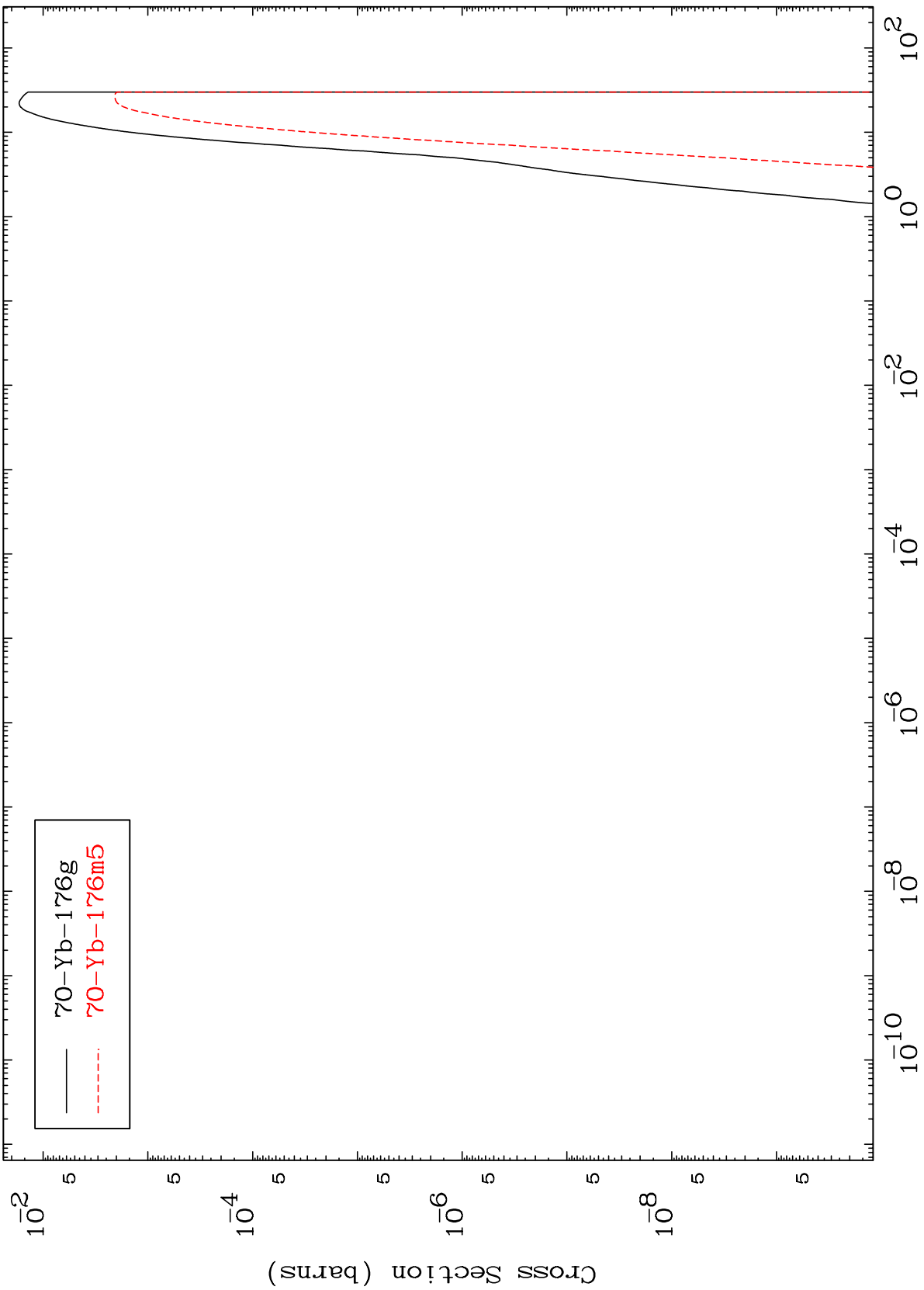
Radionuclide Production Cross Section



MAT 7129

(n,p)
Radionuclide Production Cross Section

⁷¹Lu-176m



⁷¹Lu-176m