

Program EVALPLOT
(Version 2018-1)

by

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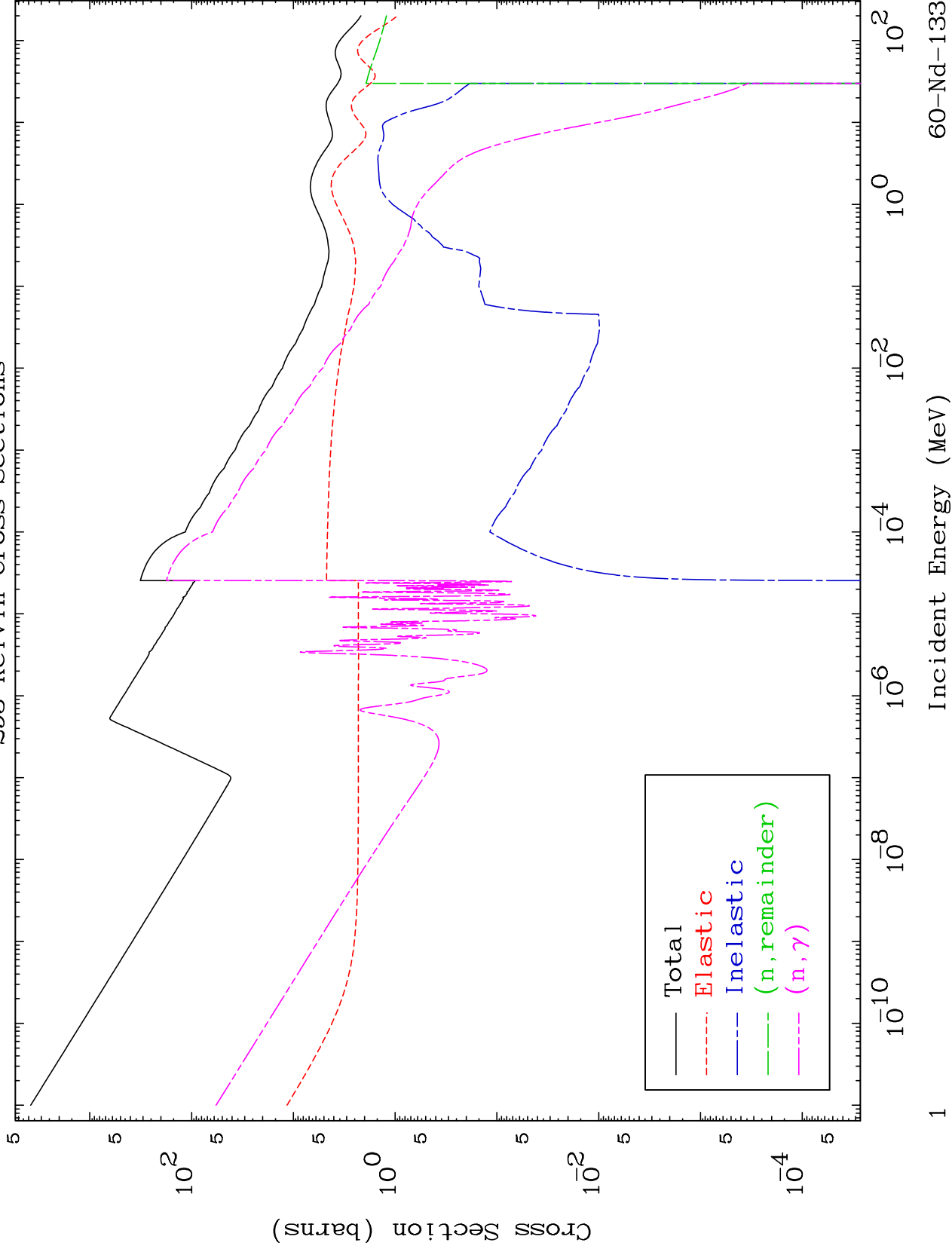
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5999

Major
293 Kelvin Cross Sections

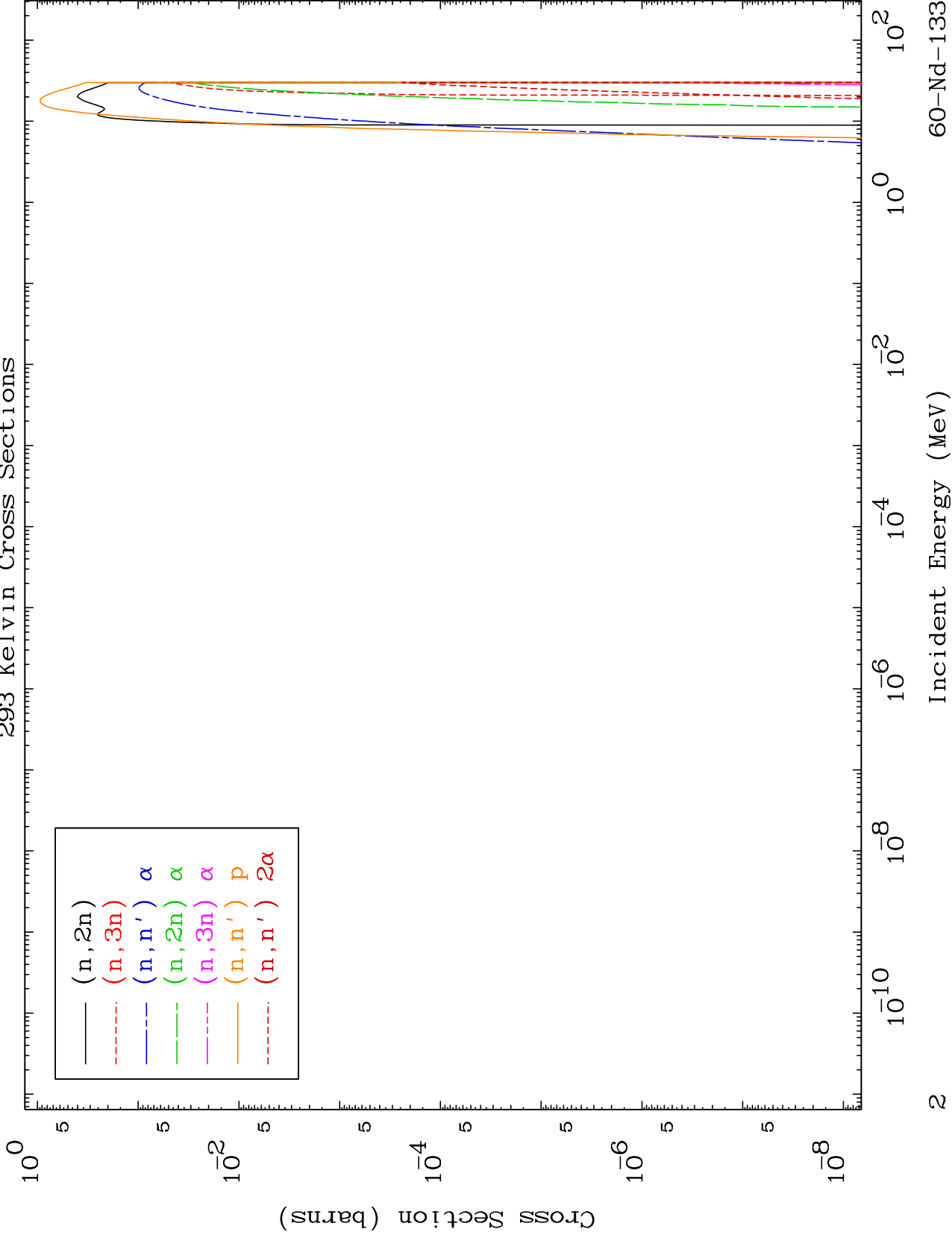
60-Nd-133

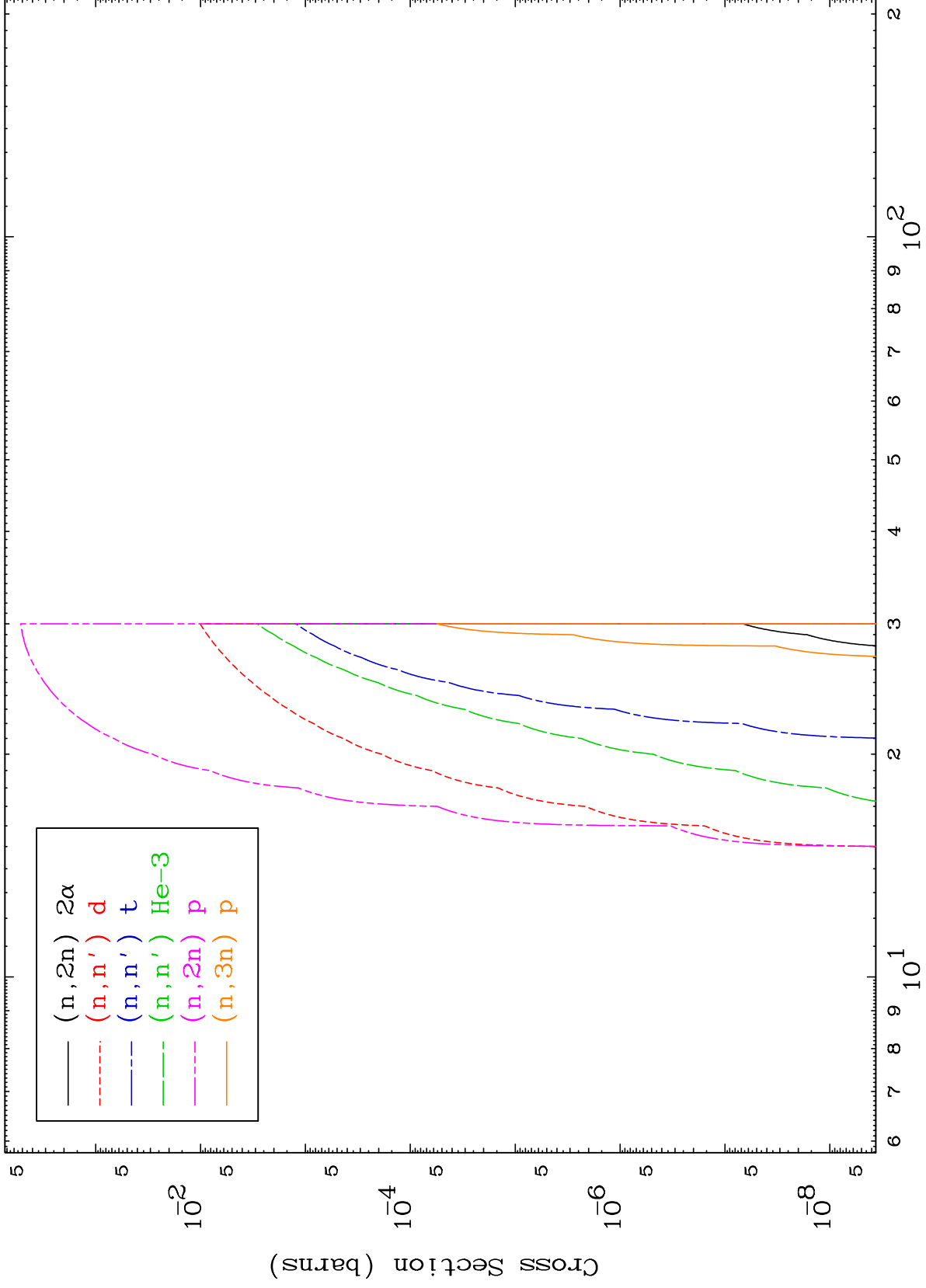


MAT 5999

Neutron Production
293 Kelvin Cross Sections

60-Nd-133

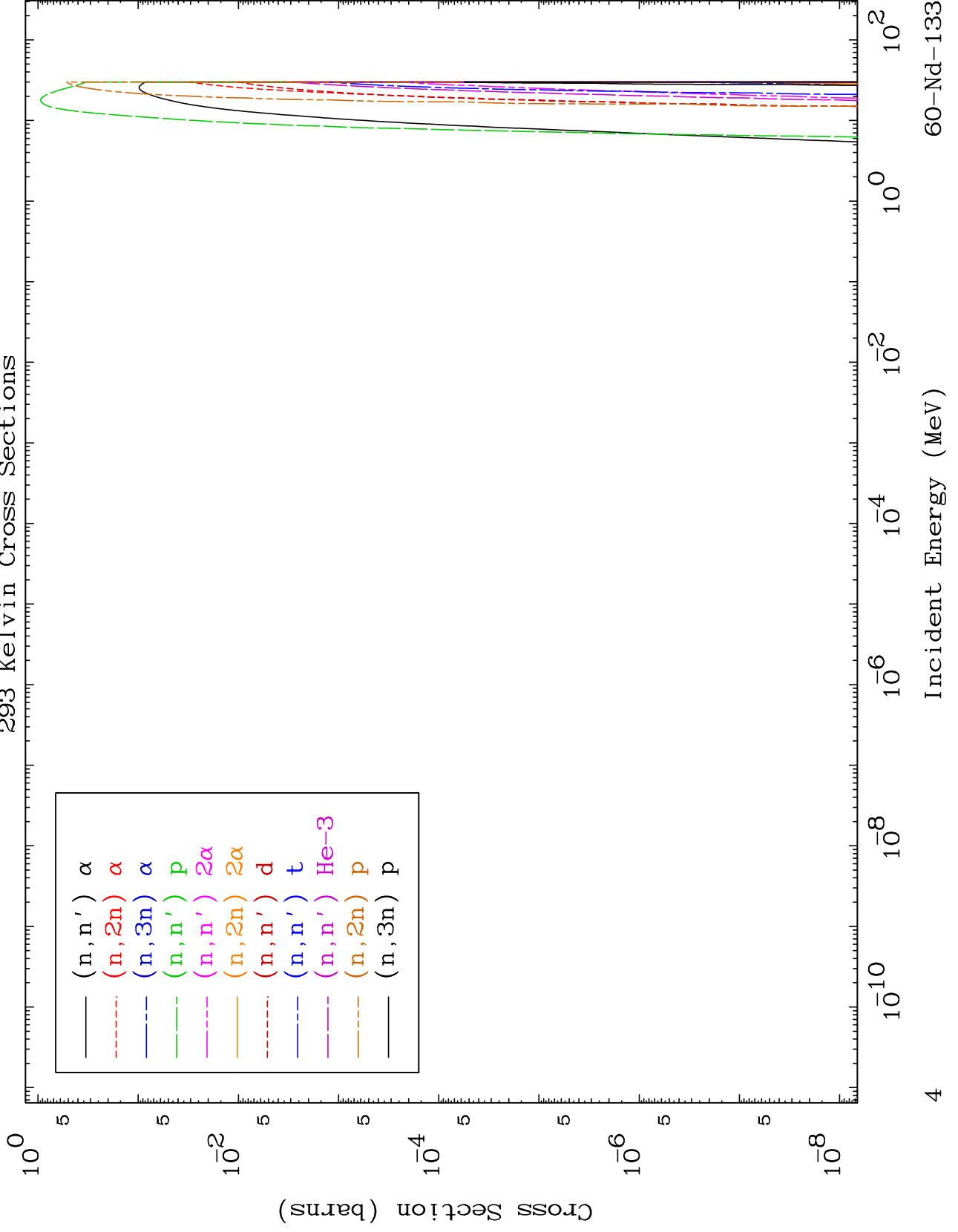




MAT 5999

Charged Particle
293 Kelvin Cross Sections

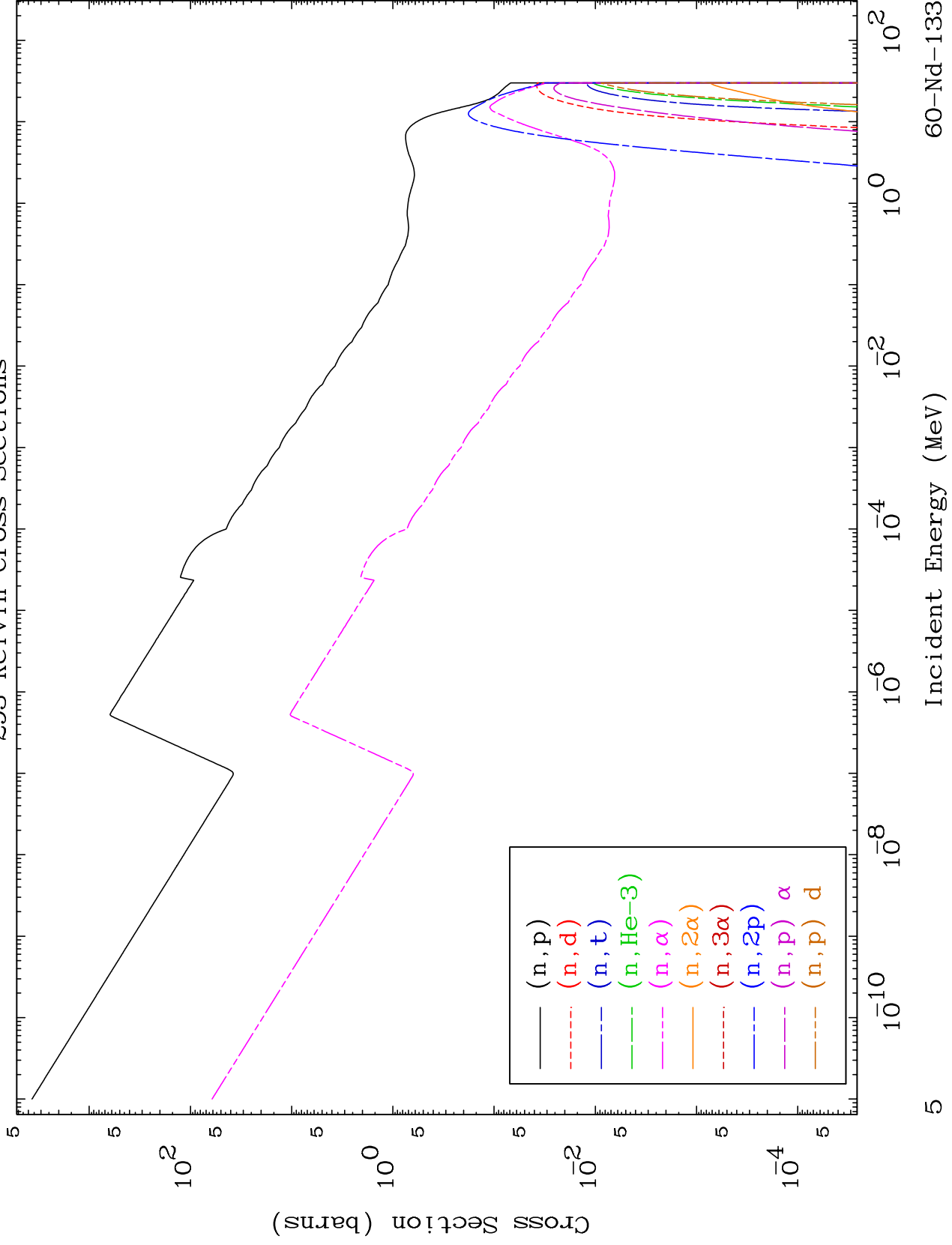
60-Nd-133



MAT 5999

Charged Particle
293 Kelvin Cross Sections

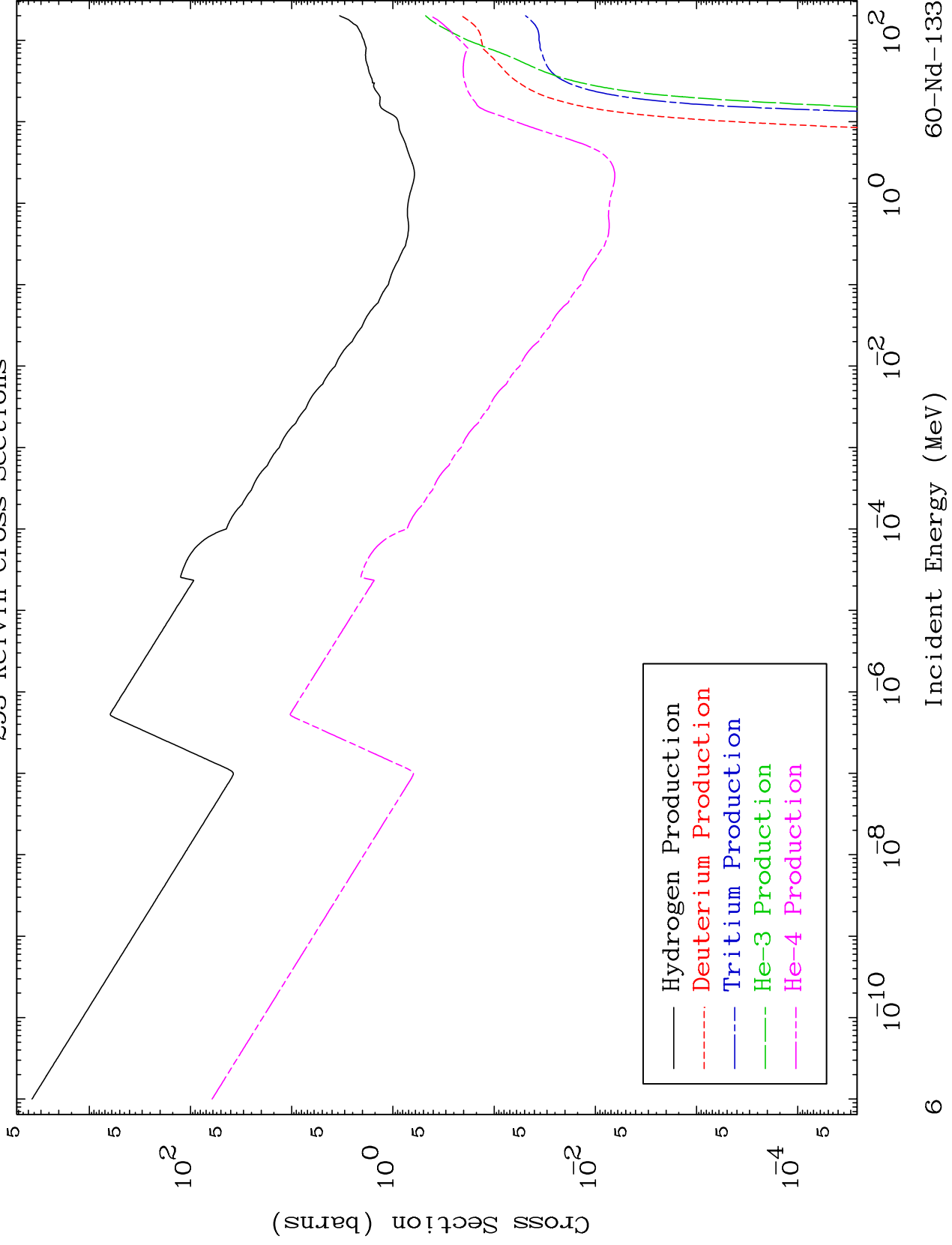
60-Nd-133



MAT 5999

Particle Production
293 Kelvin Cross Sections

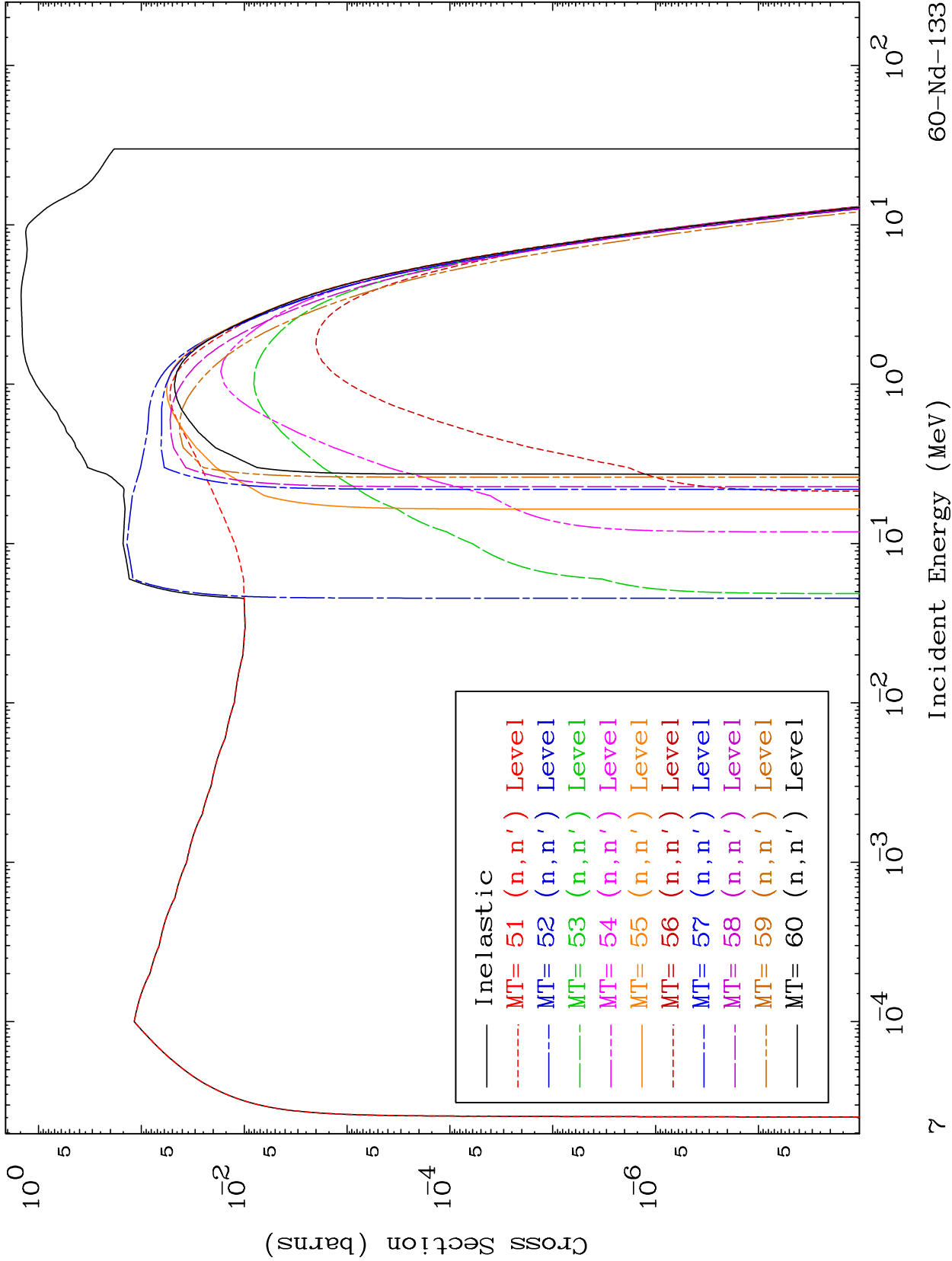
60-Nd-133



MAT 5999

293 Kelvin Cross Sections
(n,n') Level

60-Nd-133

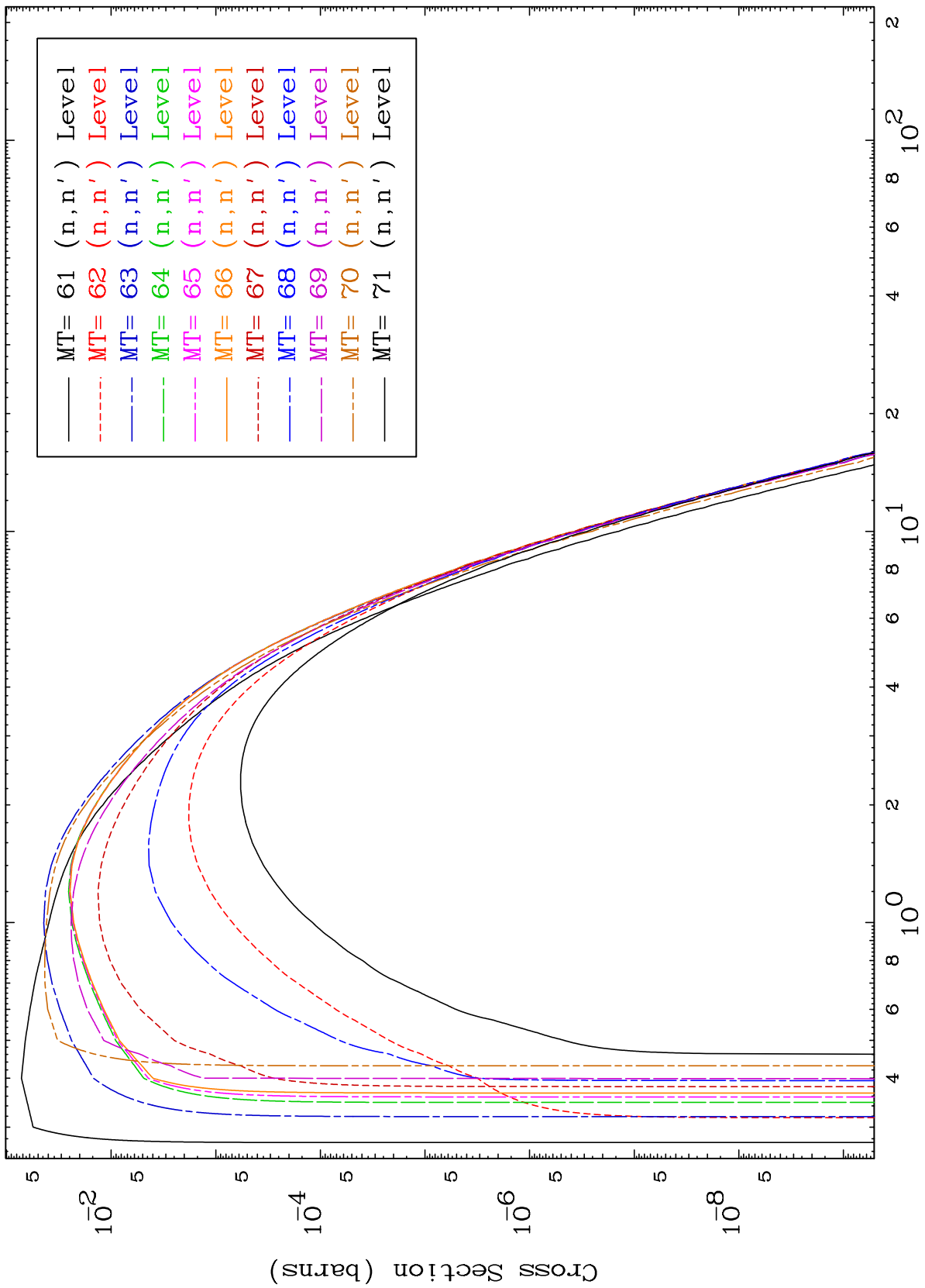


MAT 5999

(n,n') Level

60-Nd-133

293 Kelvin Cross Sections

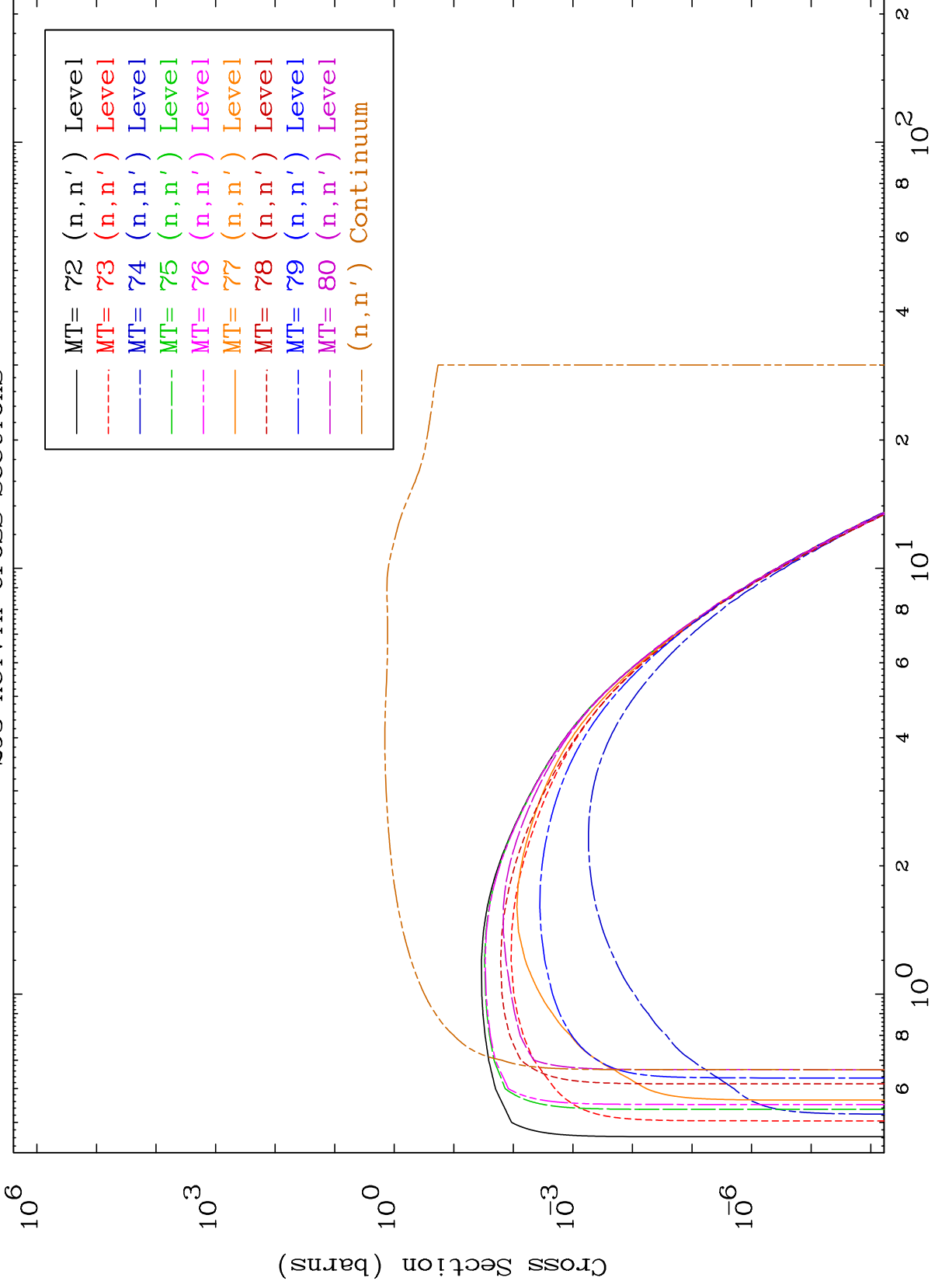


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Incident Energy (MeV)

60-Nd-133

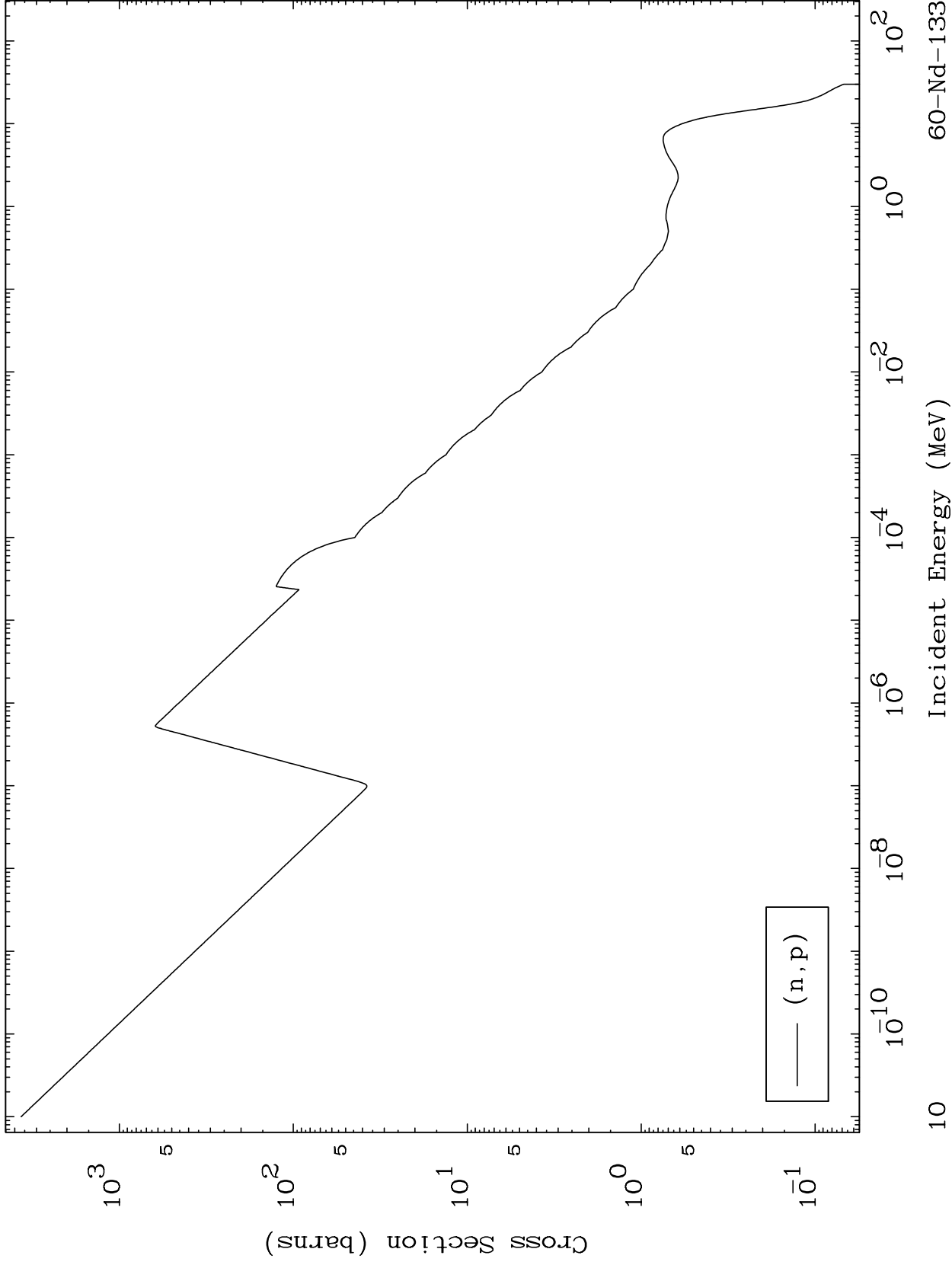
293 Kelvin Cross Sections



MAT 5999

(n,p) Levels
293 Kelvin Cross Sections

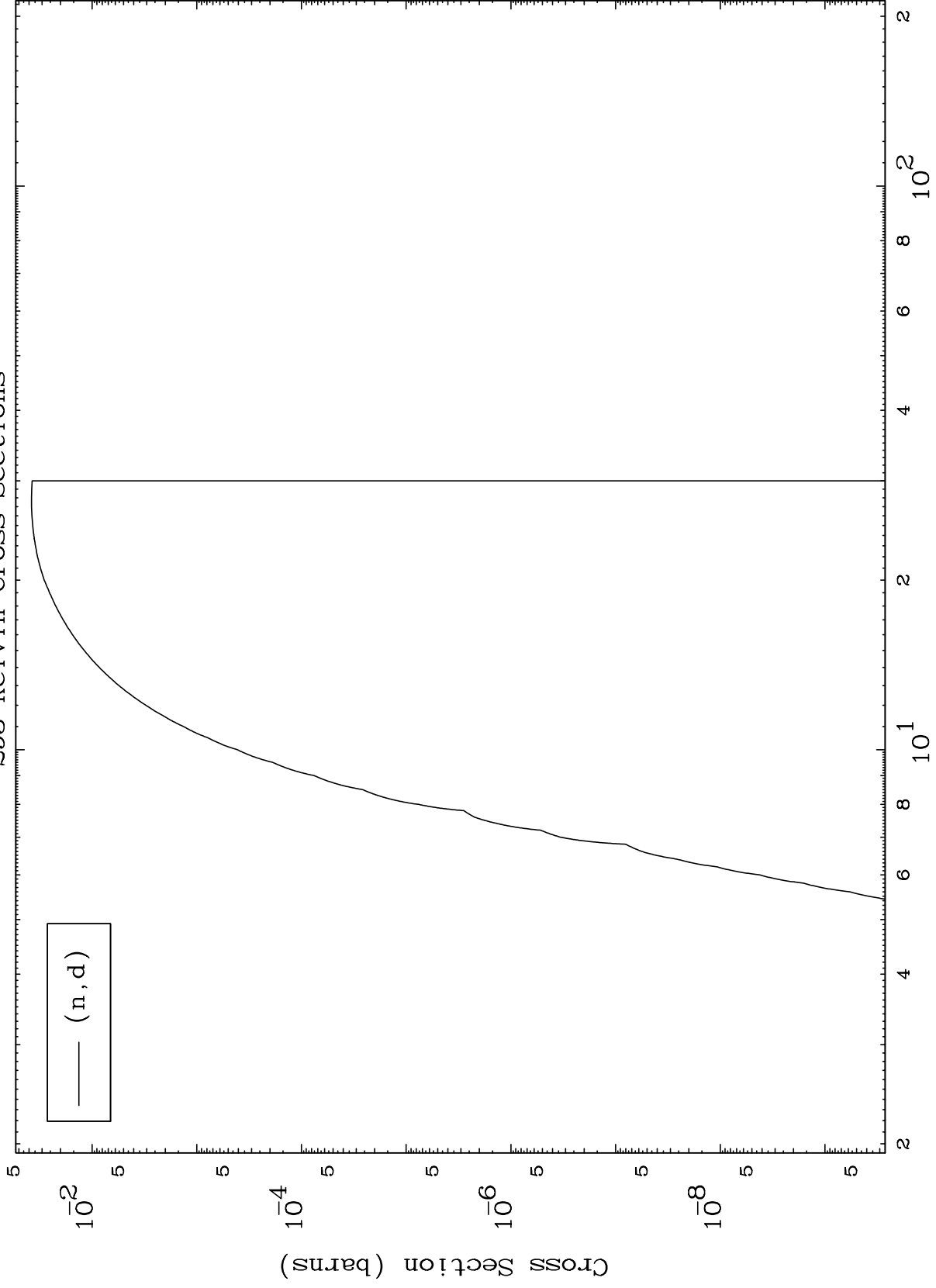
60-Nd-133



MAT 5999

(n,d) Levels
293 Kelvin Cross Sections

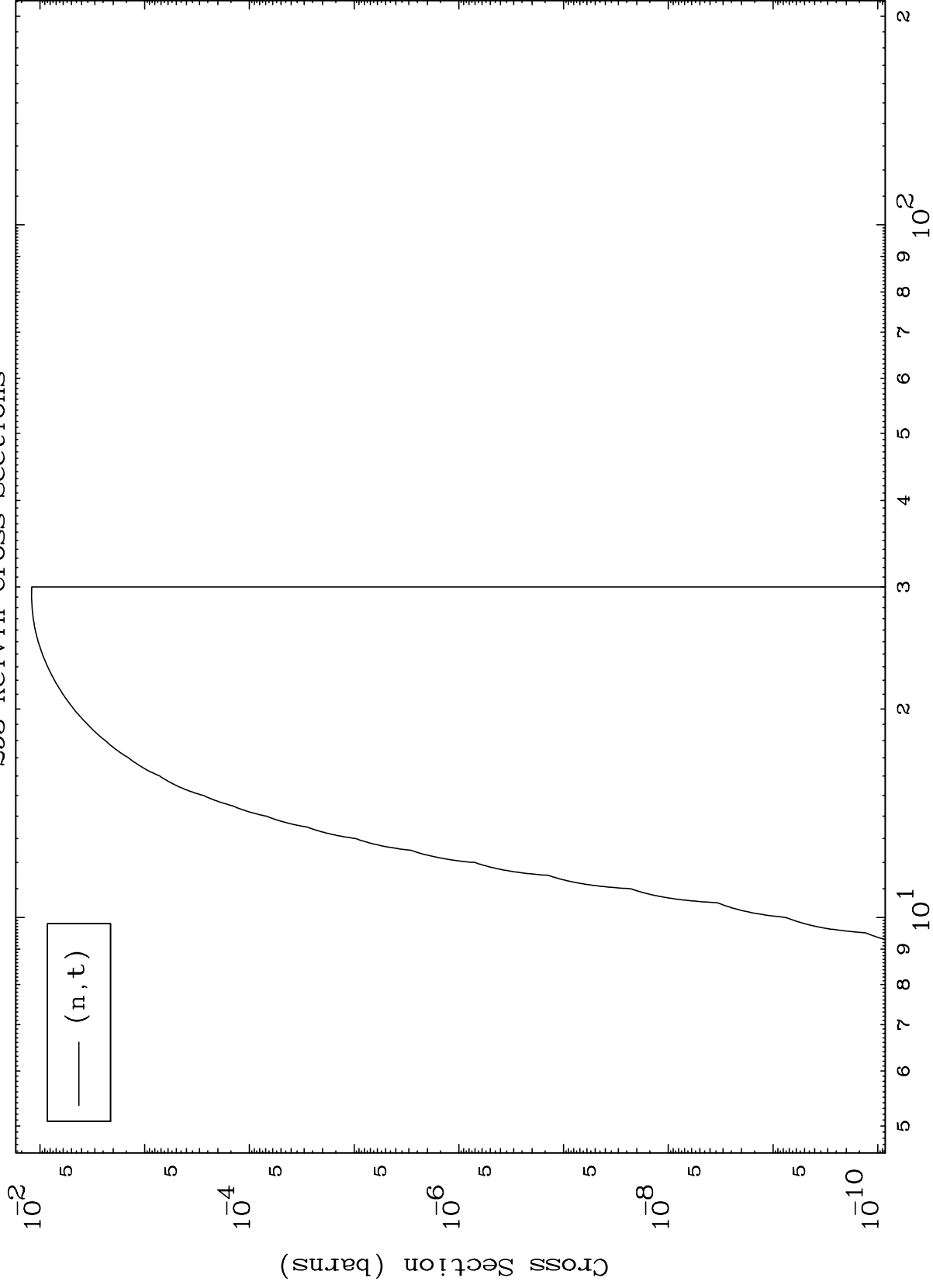
60-Nd-133



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(n,t) Levels
293 Kelvin Cross Sections

60-Nd-133



12

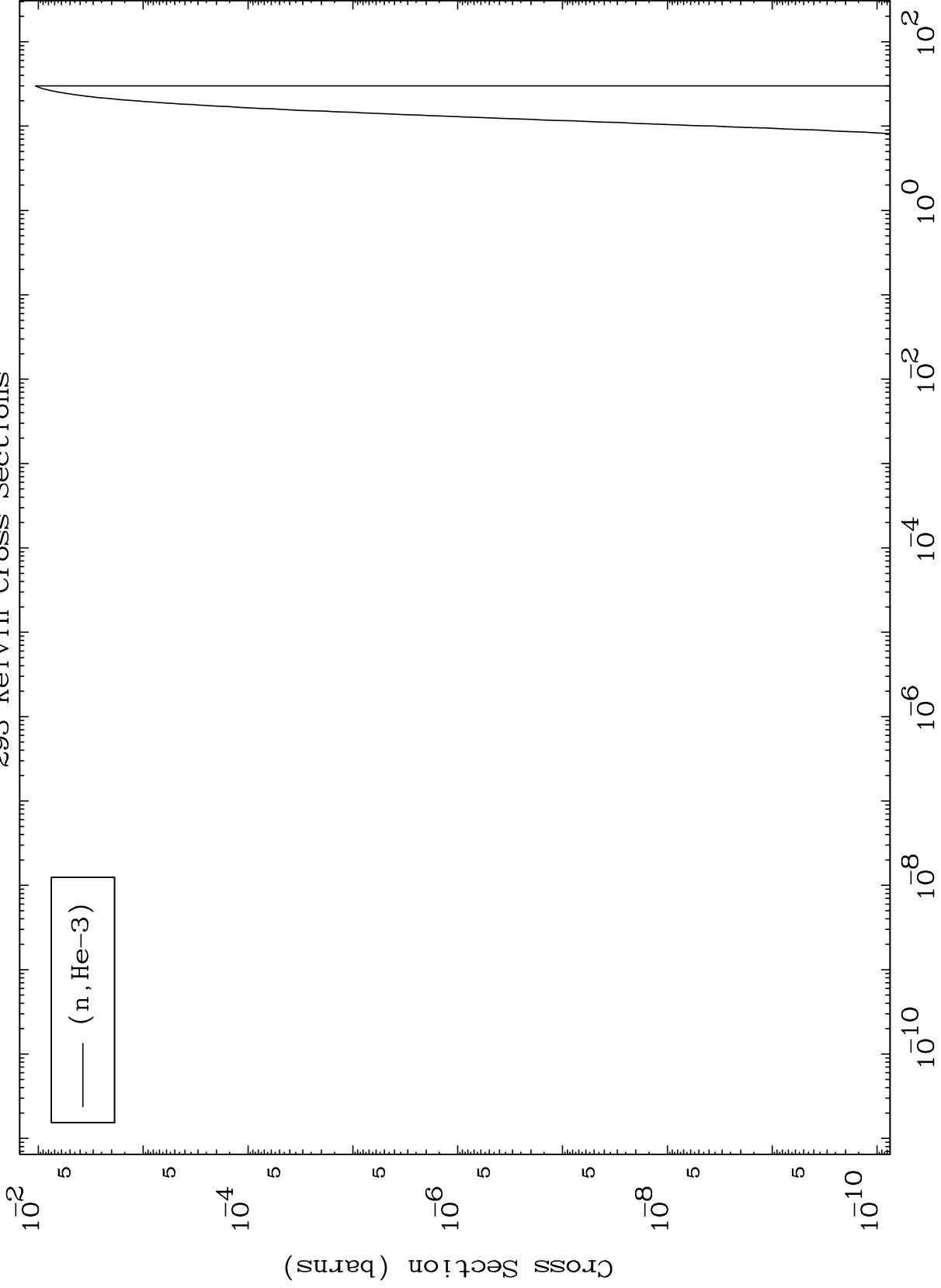
Incident Energy (MeV)

60-Nd-133

MAT 5999

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-133



13

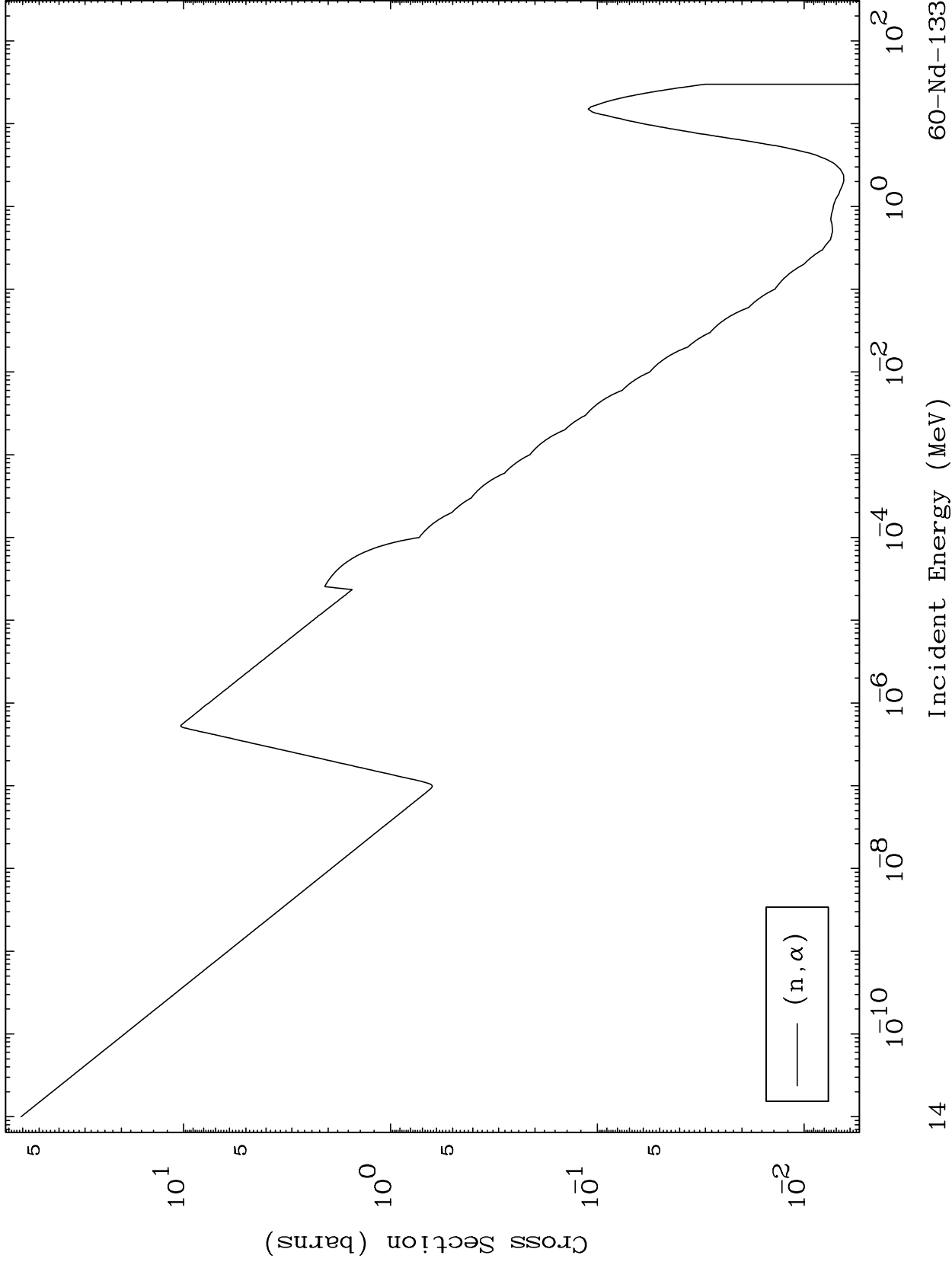
Incident Energy (MeV)

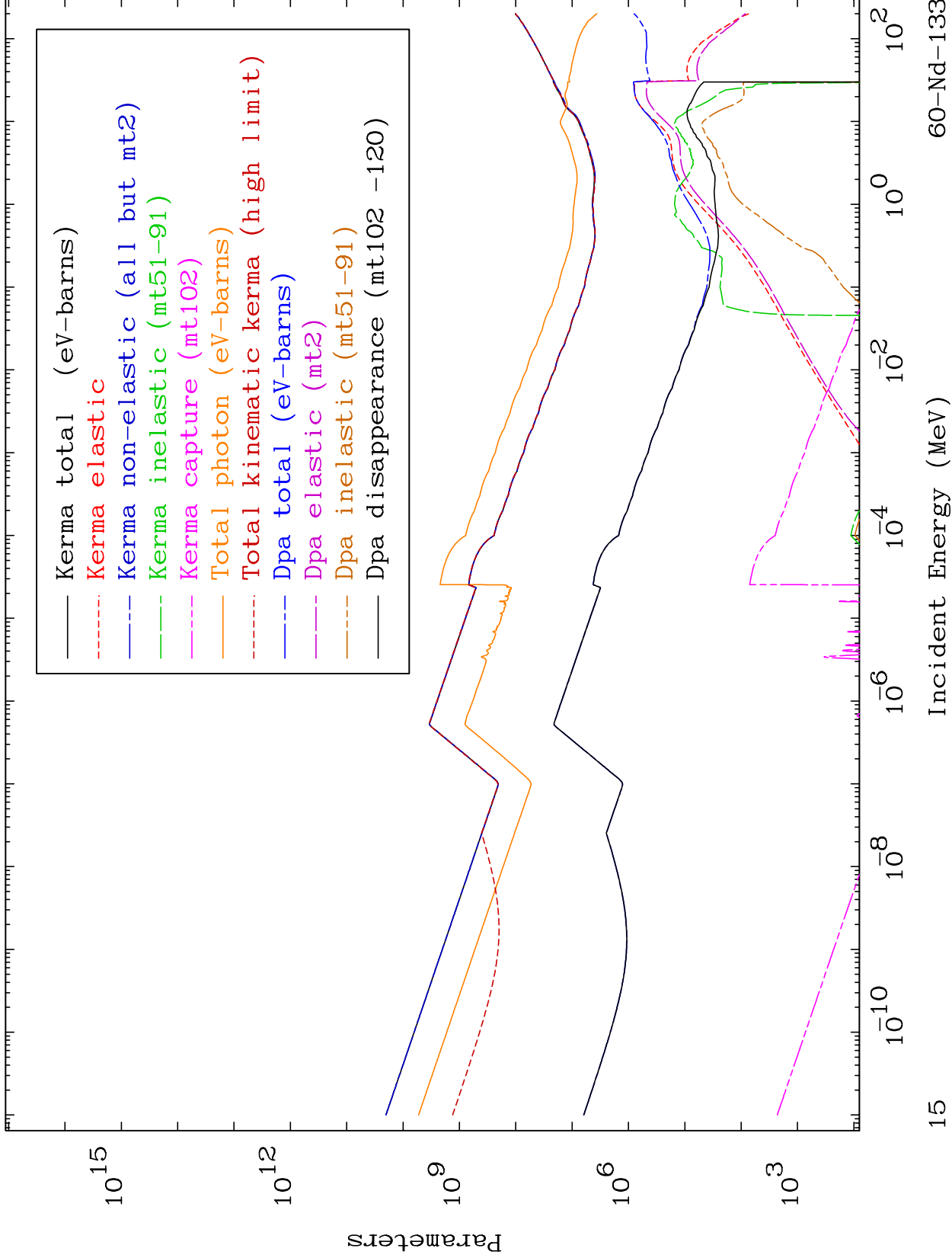
60-Nd-133

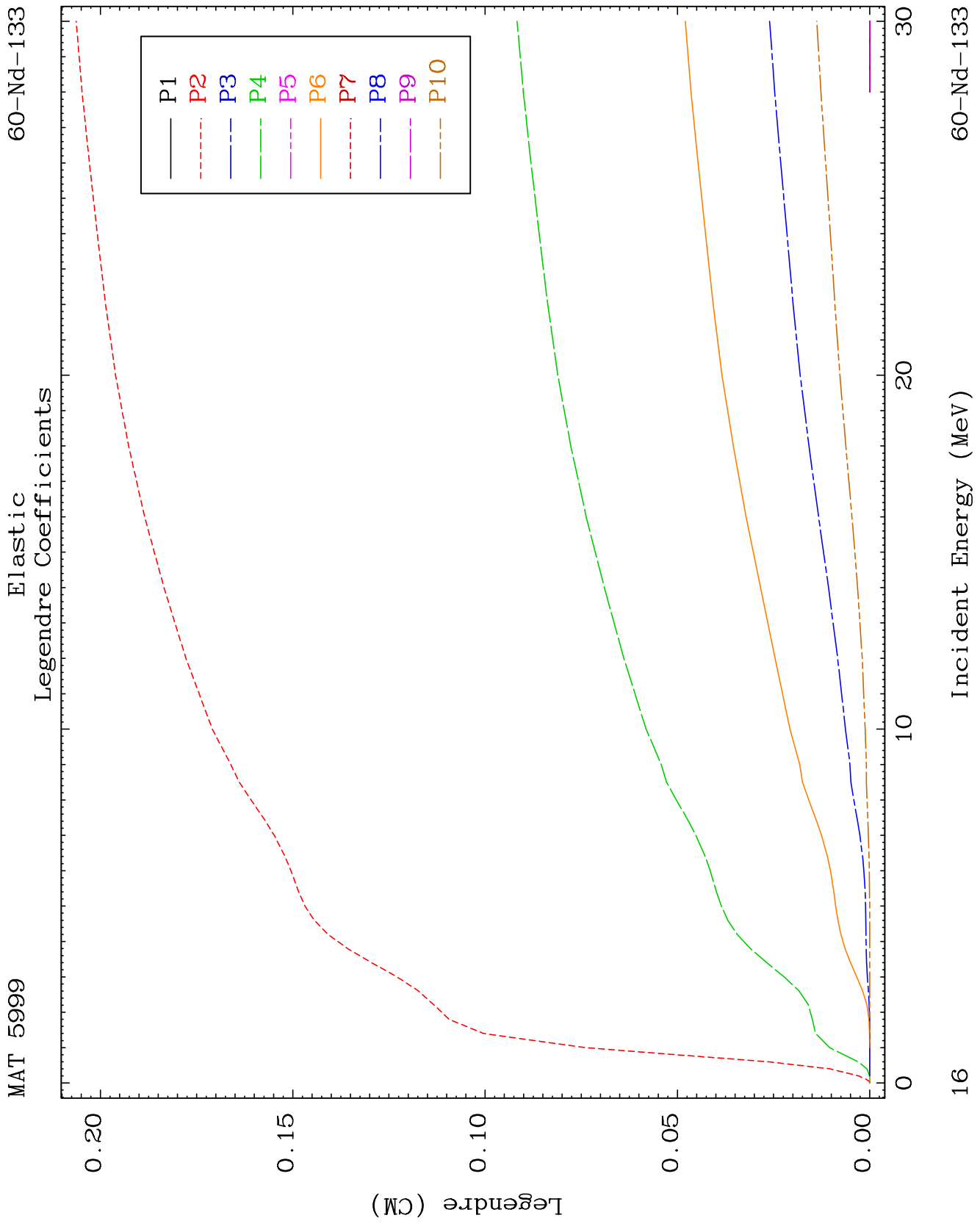
MAT 5999

(n,α) Levels
293 Kelvin Cross Sections

60-Nd-133



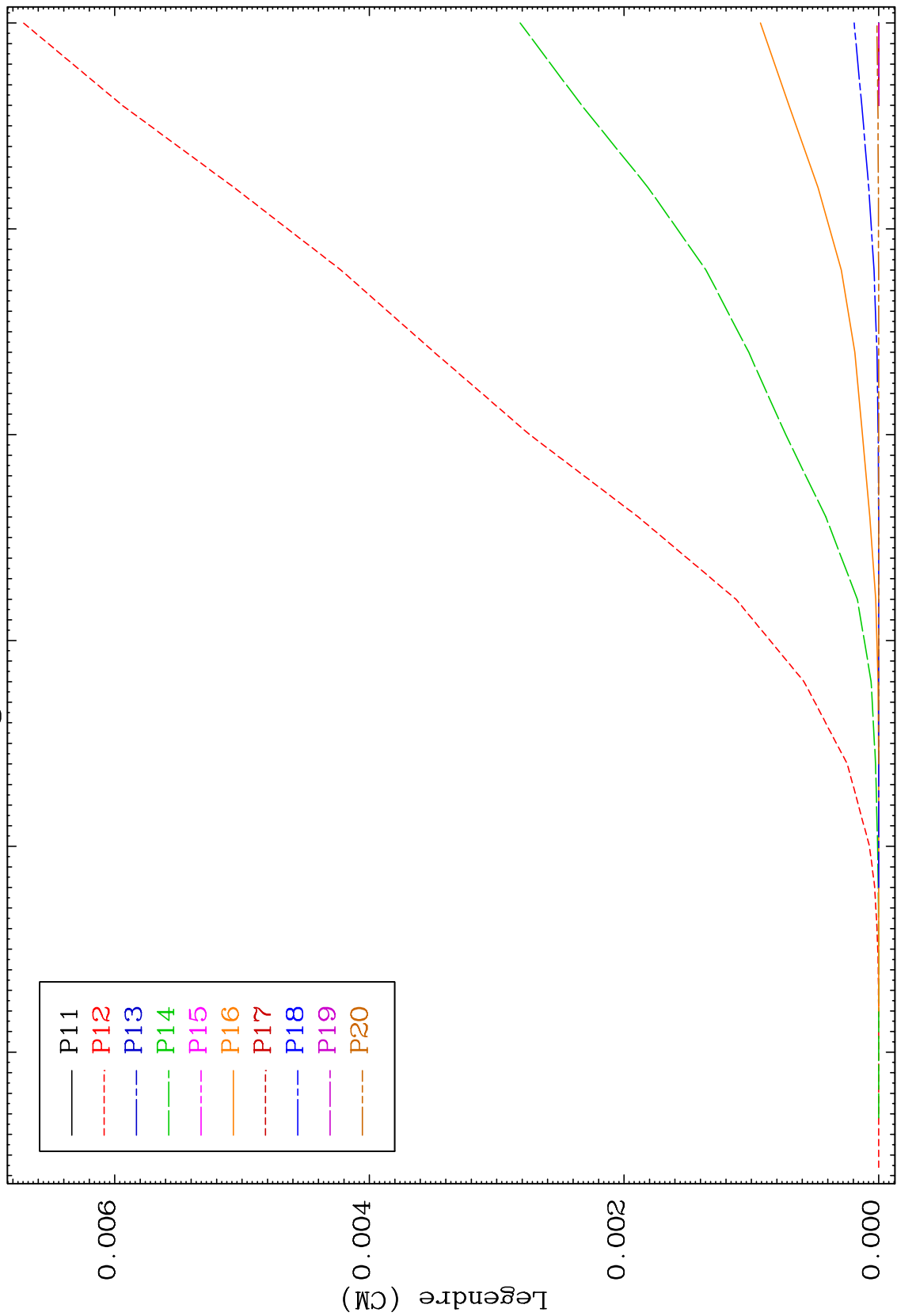




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Elastic Legendre Coefficients

60-Nd-133



17

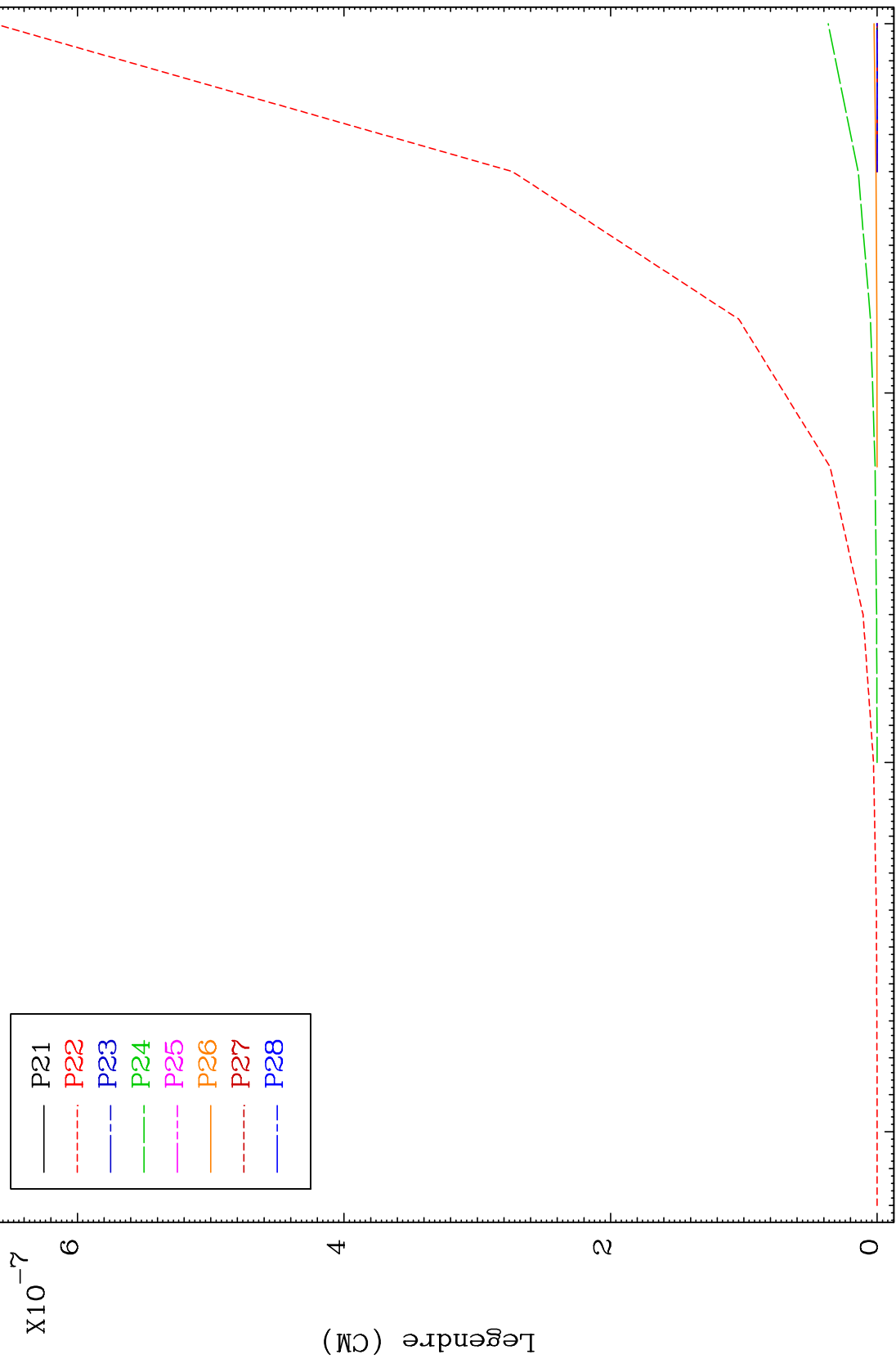
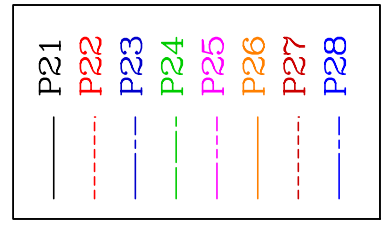
60-Nd-133

Incident Energy (MeV)

MAT 5999

Elastic Legendre Coefficients

60-Nd-133



18

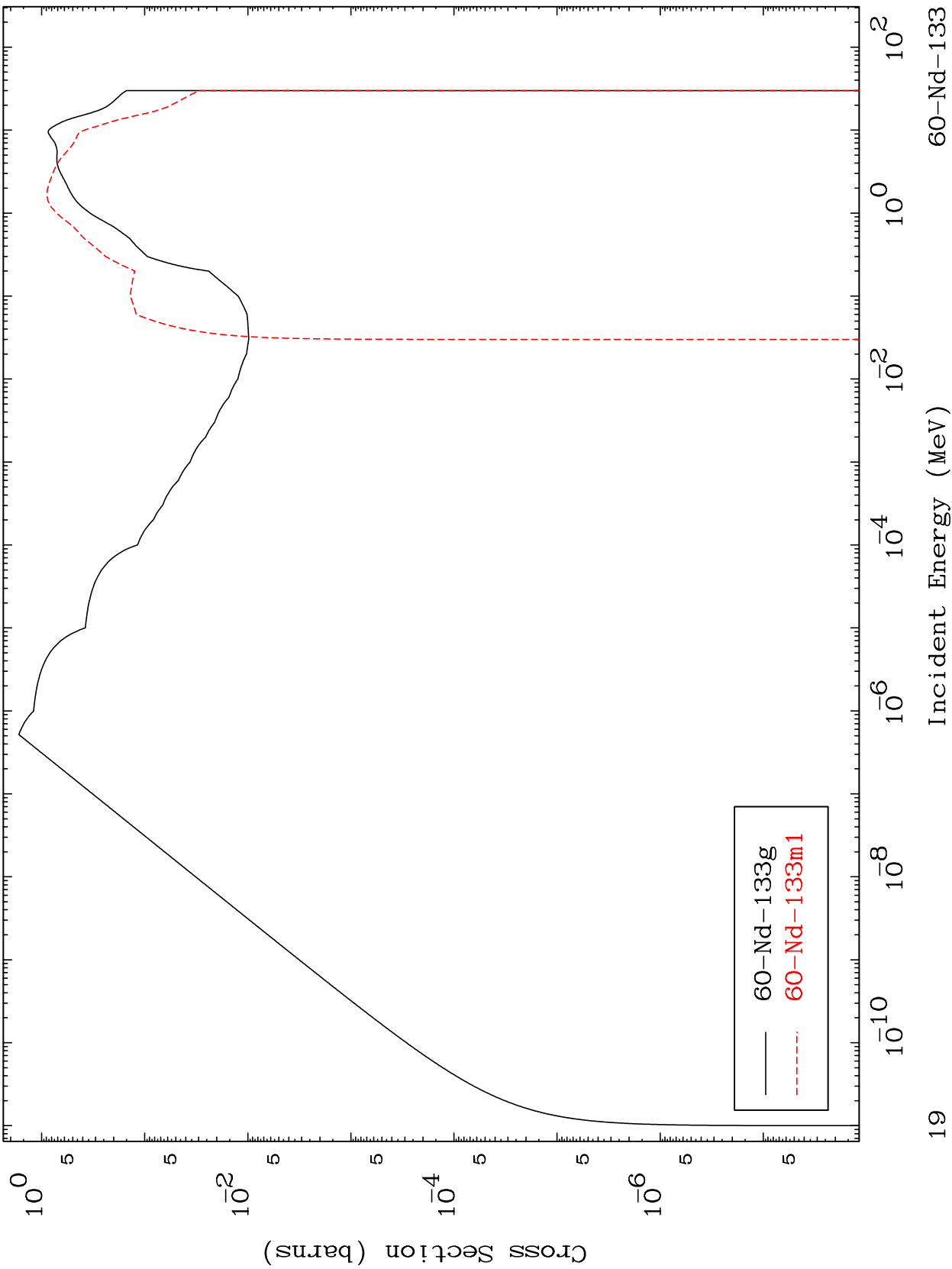
Incident Energy (MeV)

60-Nd-133

MAT 5999

60-Nd-133

Inelastic
Radionuclide Production Cross Section

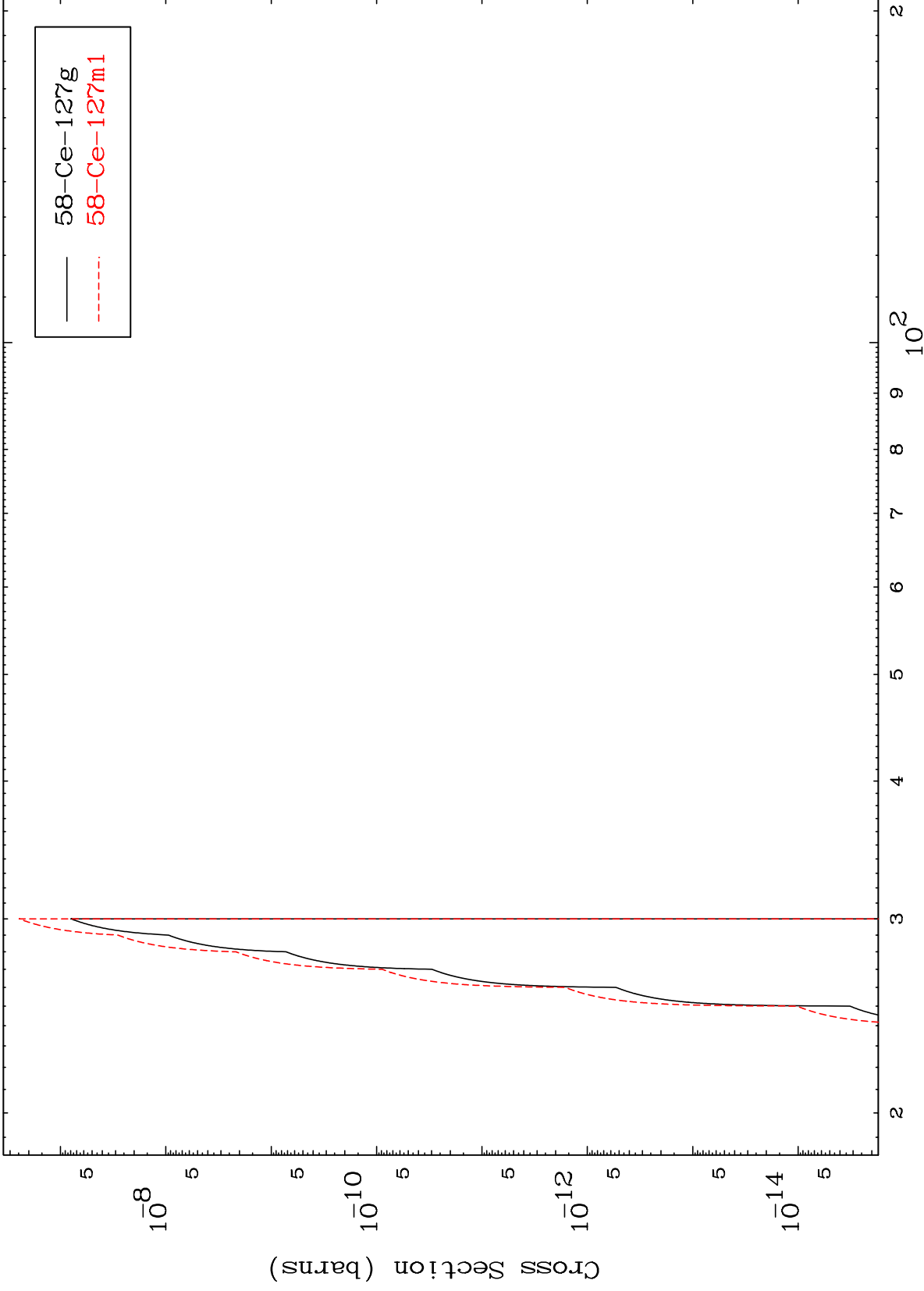


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(n,3n) α

60-Nd-133

Radionuclide Production Cross Section



20

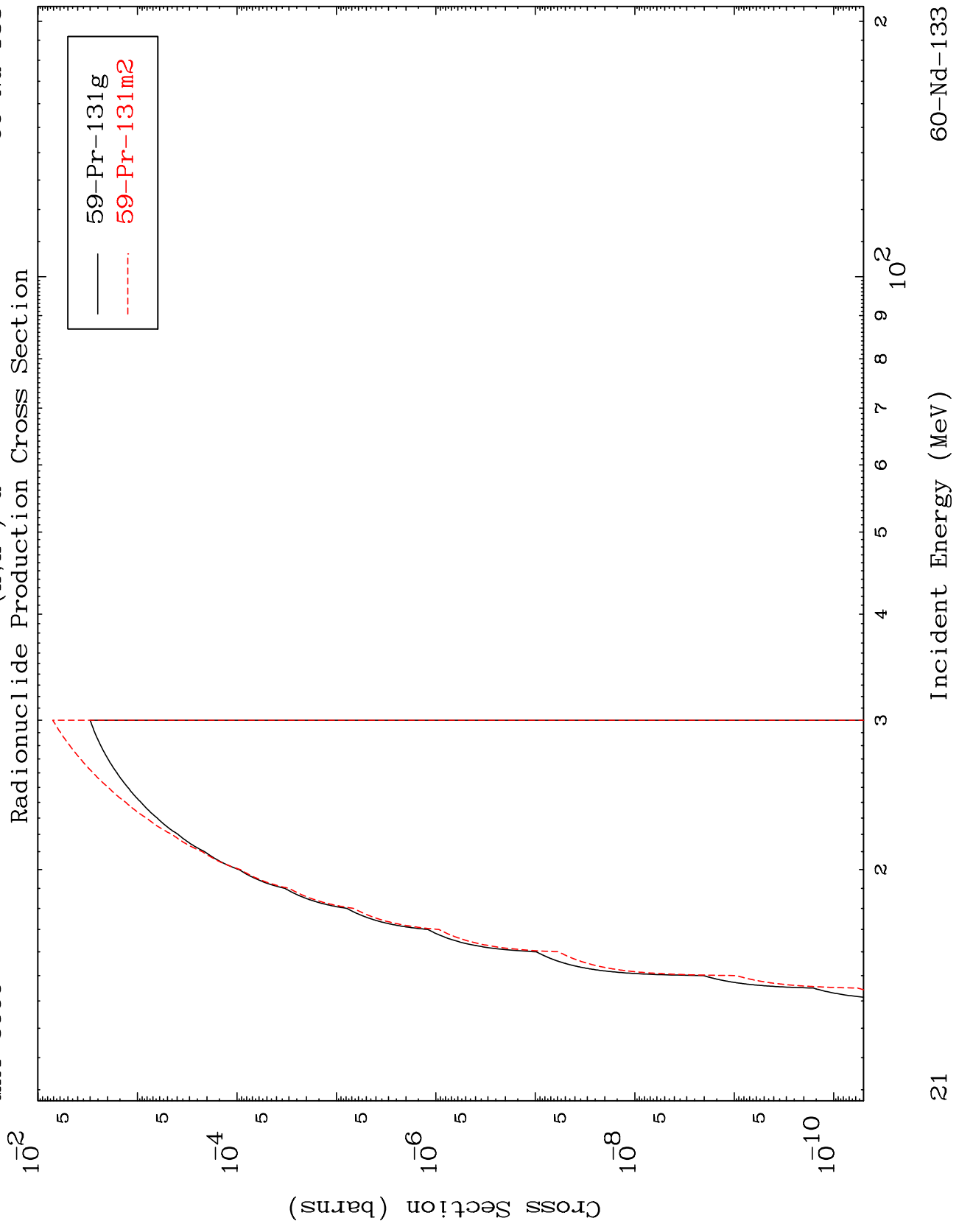
Incident Energy (MeV)

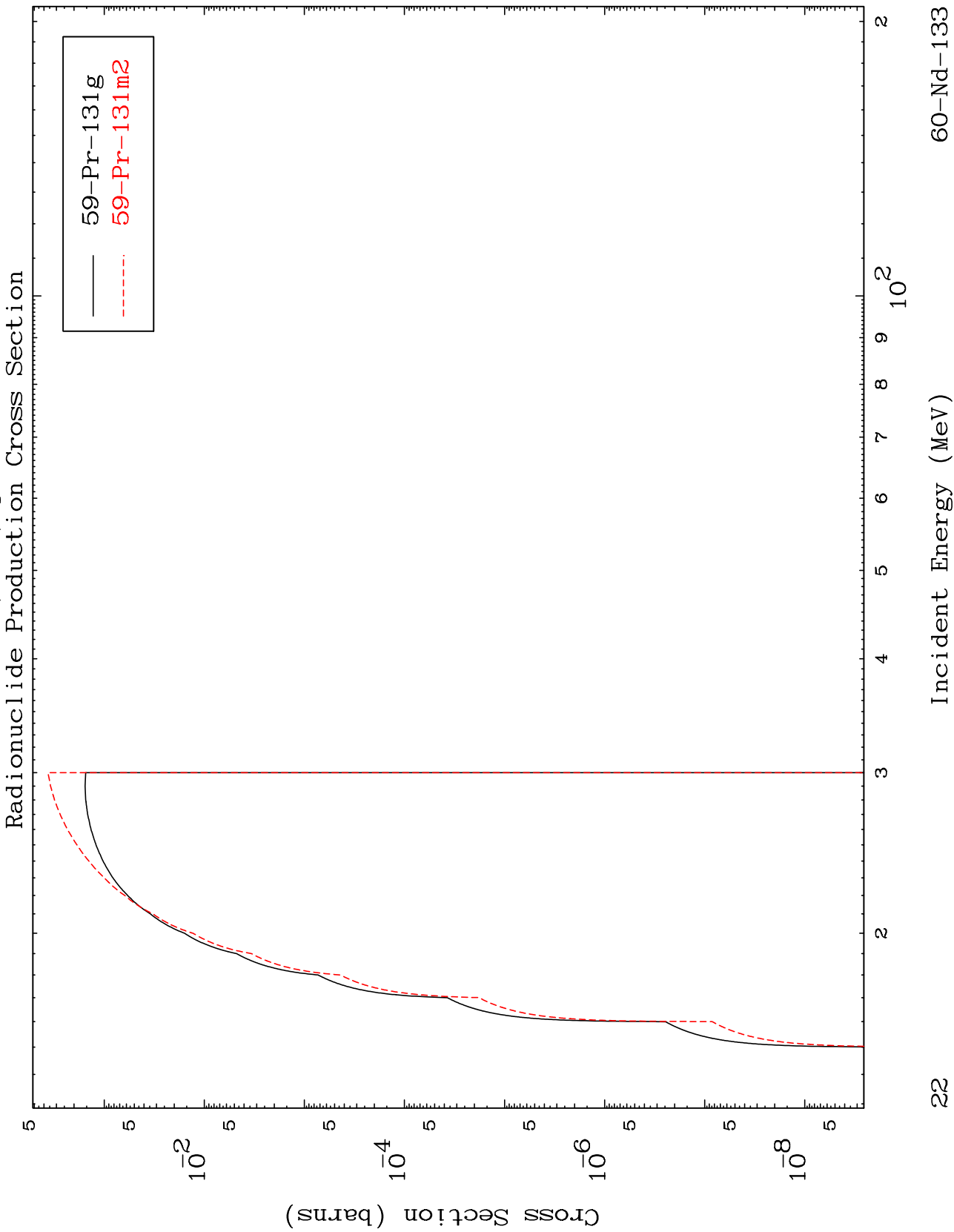
60-Nd-133

MAT 5999

(n,n') d

60-Nd-133



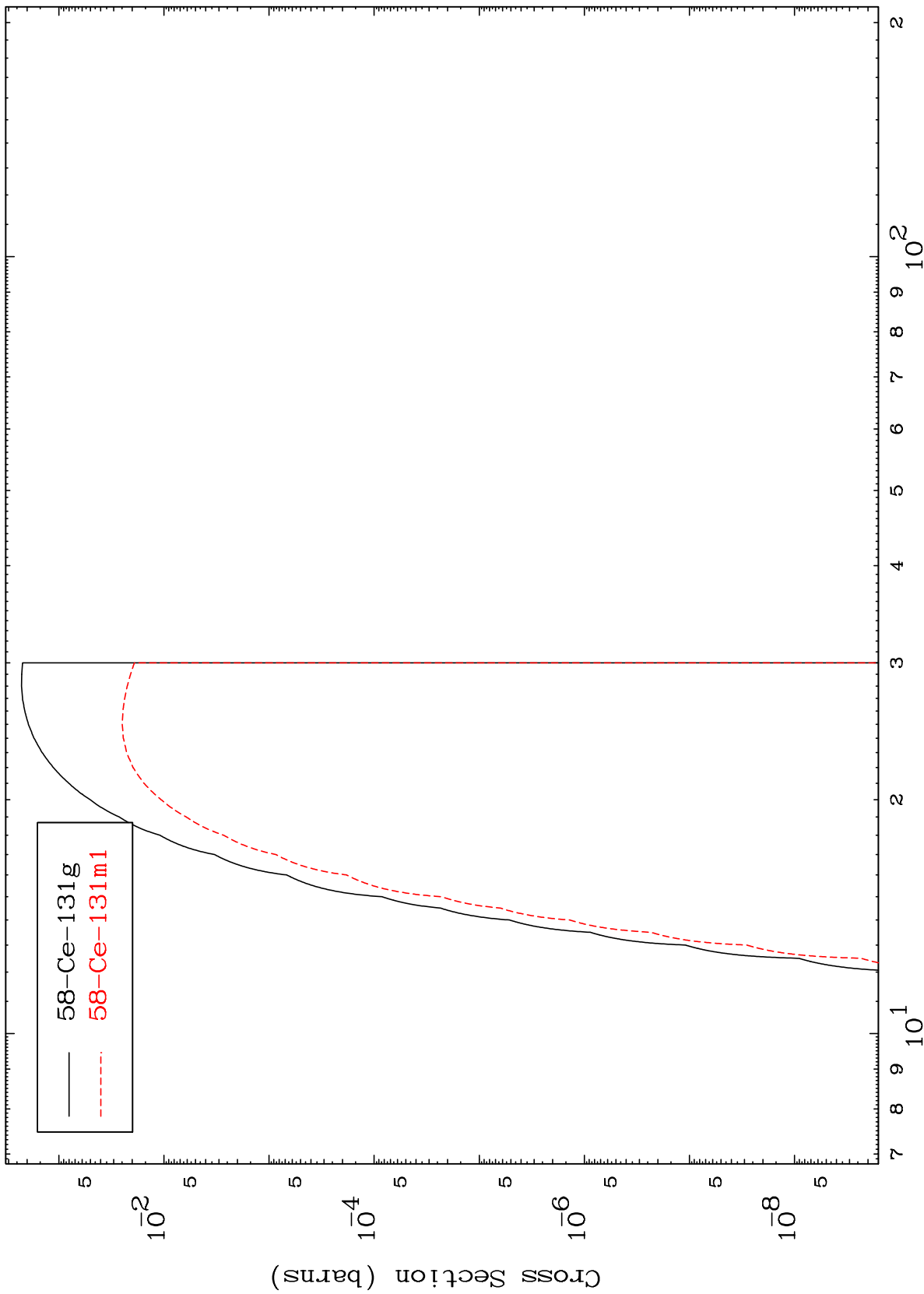


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(n,2n) p

60-Nd-133

Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

Incident Energy (MeV)

60-Nd-133

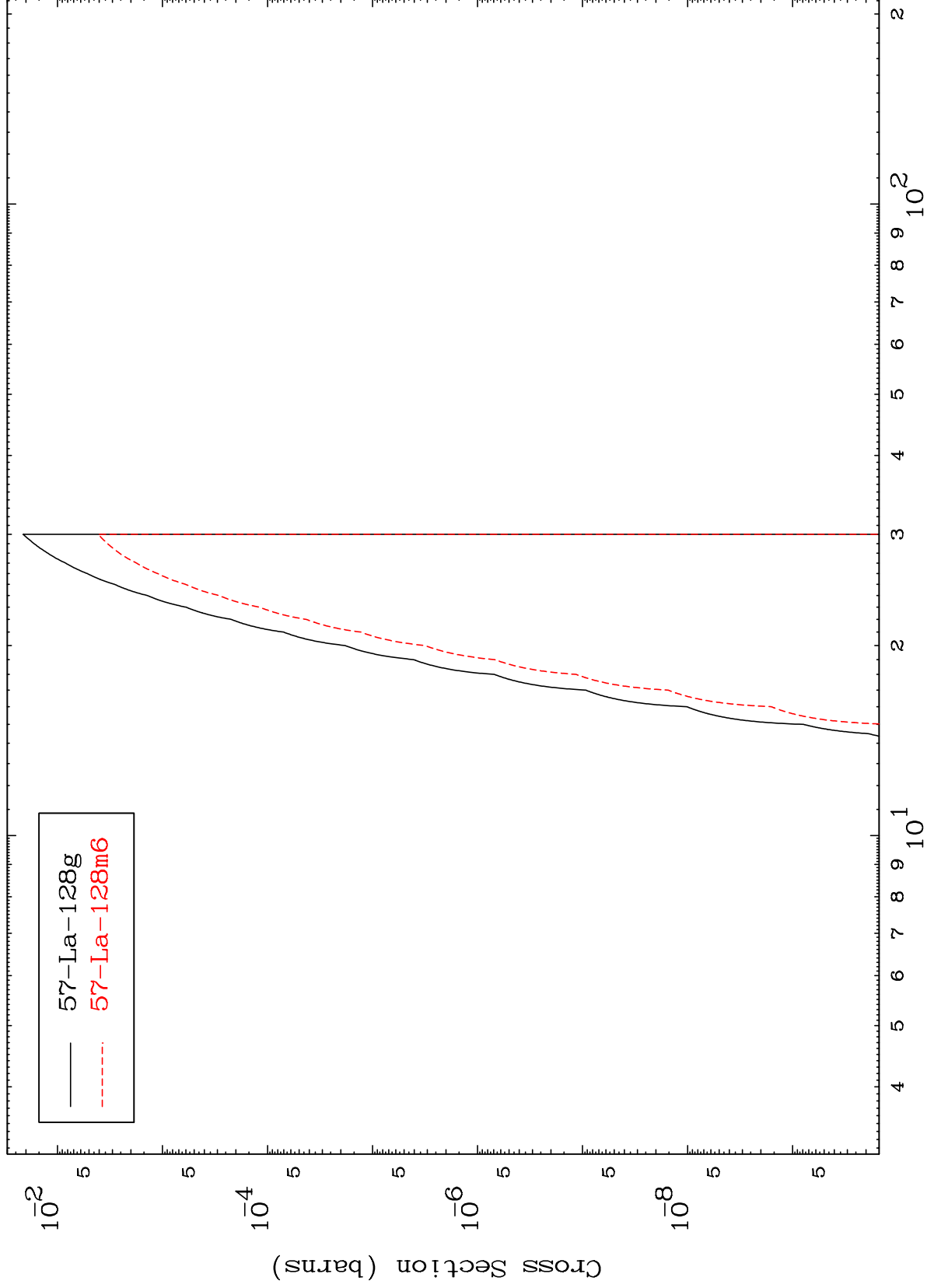
23

MAT 5999

(n,n') p α

60-Nd-133

Radionuclide Production Cross Section



24

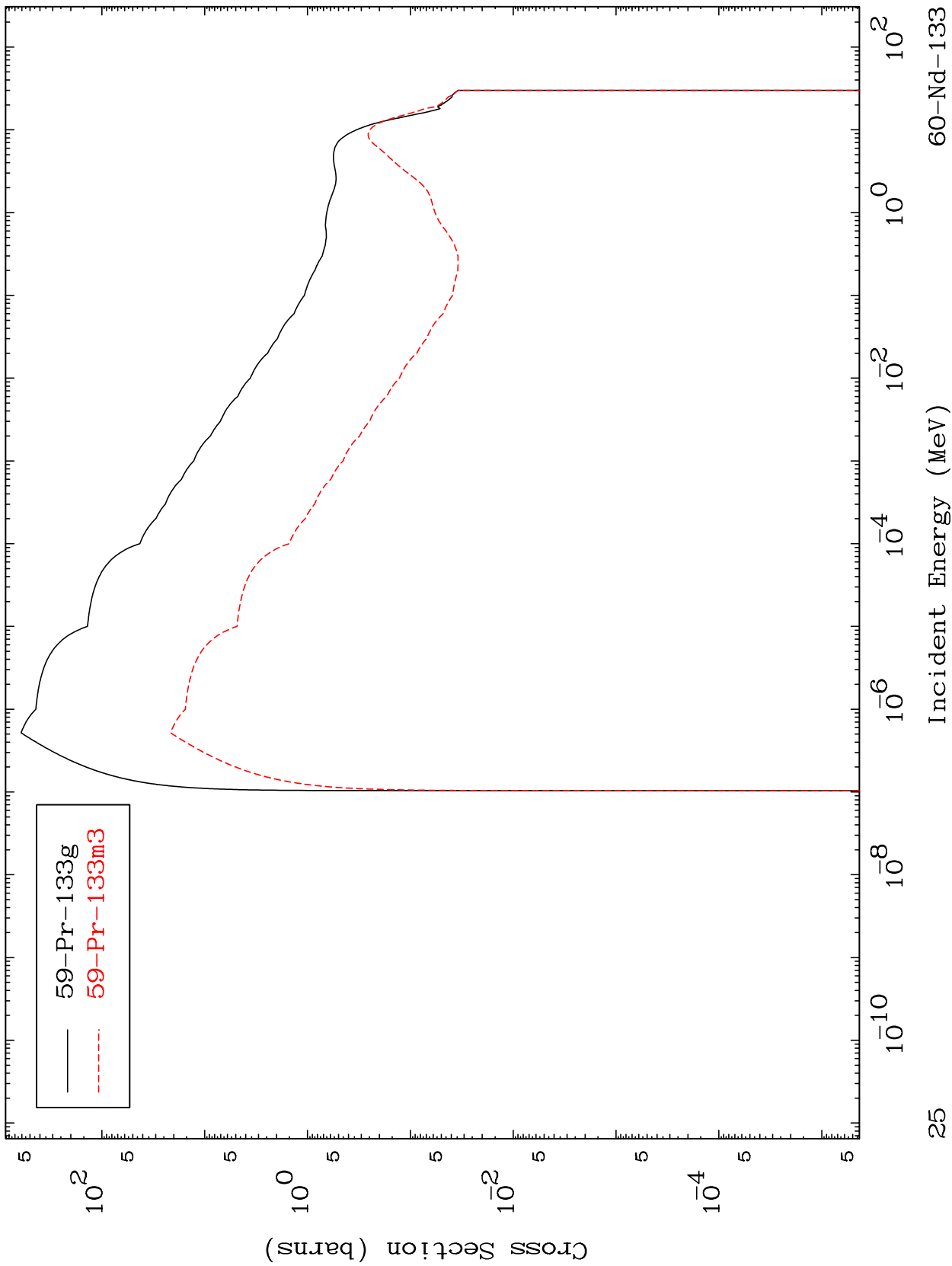
Incident Energy (MeV)

60-Nd-133

MAT 5999

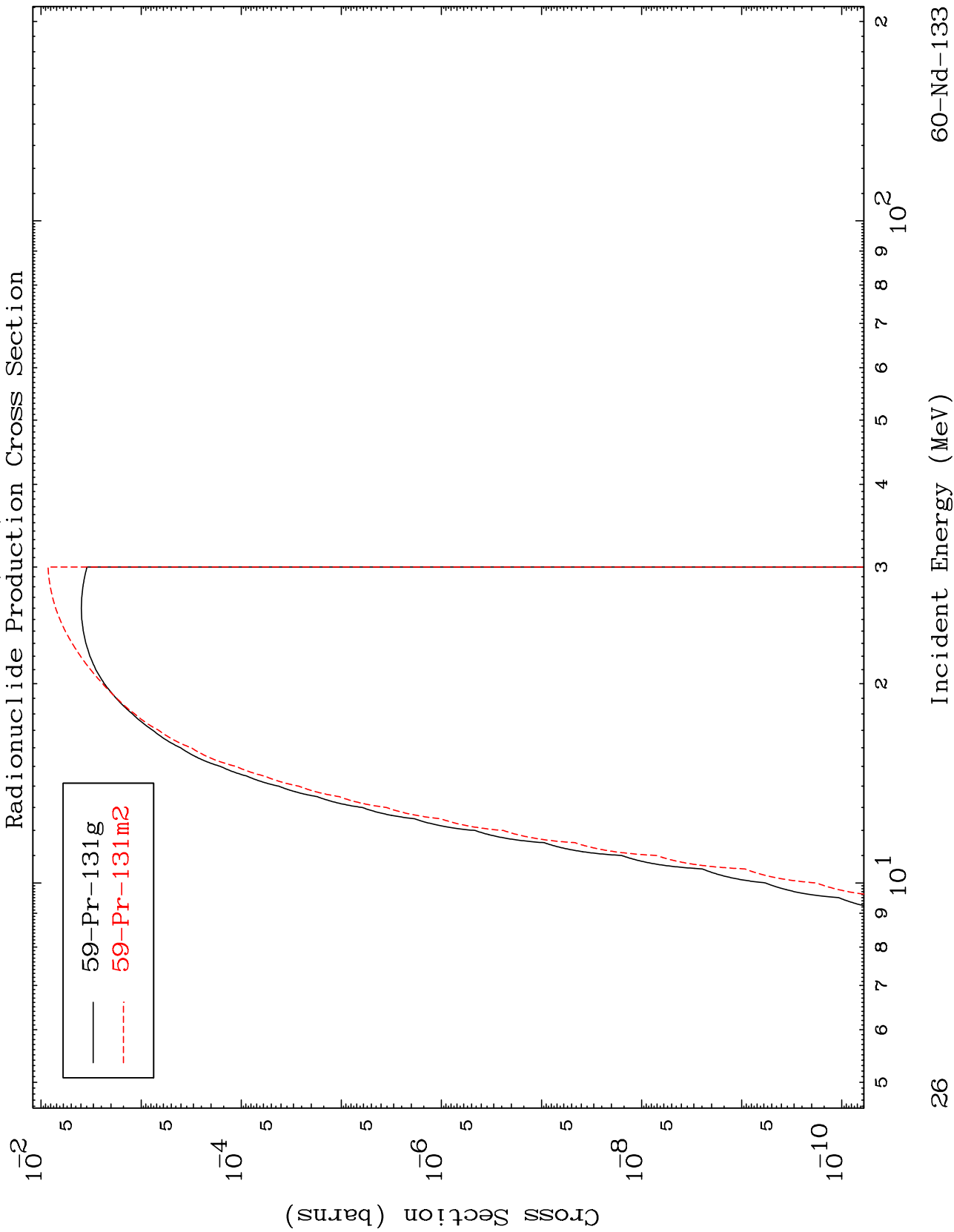
60-Nd-133

(n,p)
Radionuclide Production Cross Section



MAT 5999

60-Nd-133



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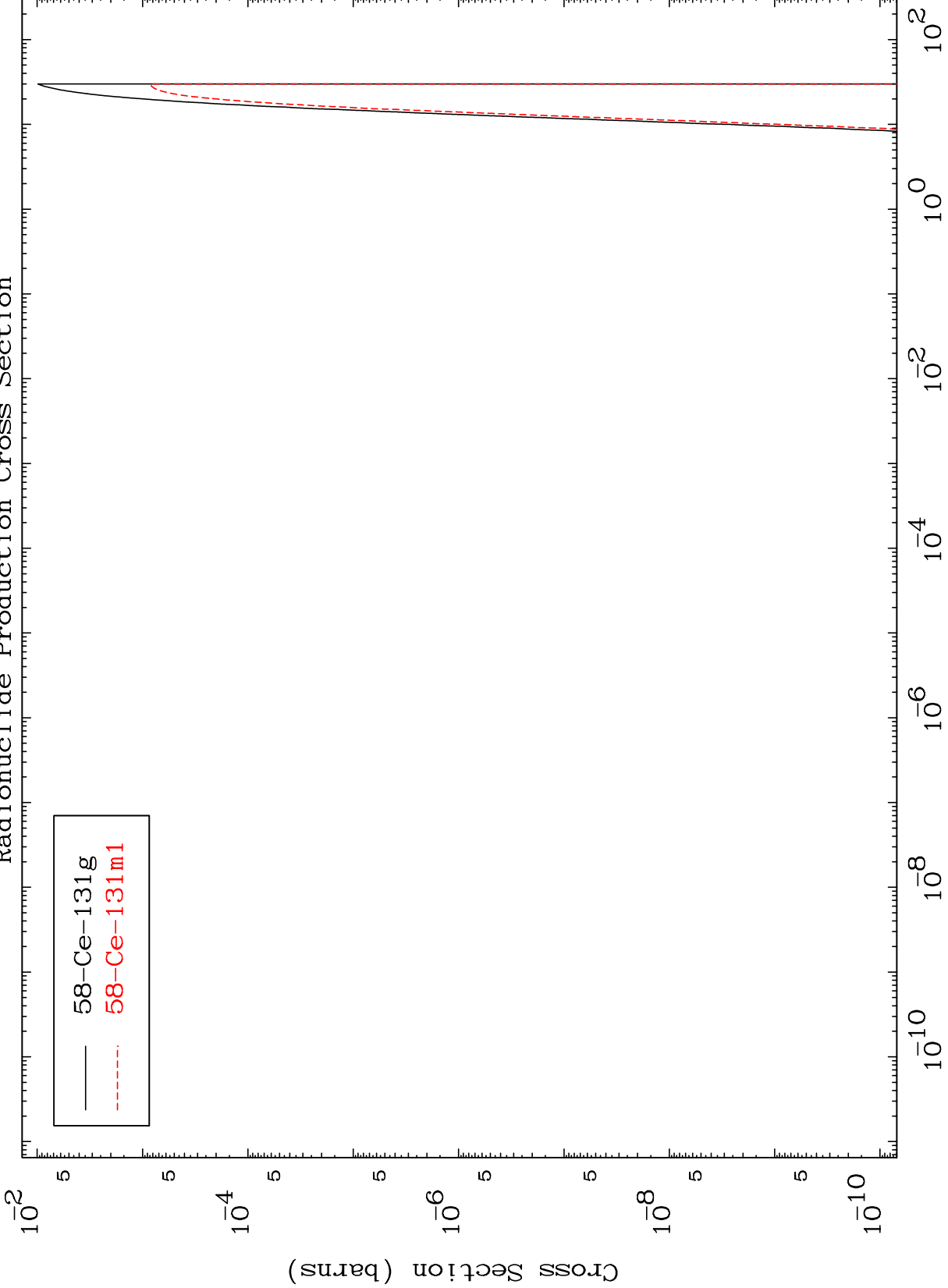
60-Nd-133

MAT 5999

(n,He-3)

60-Nd-133

Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

Incident Energy (MeV)

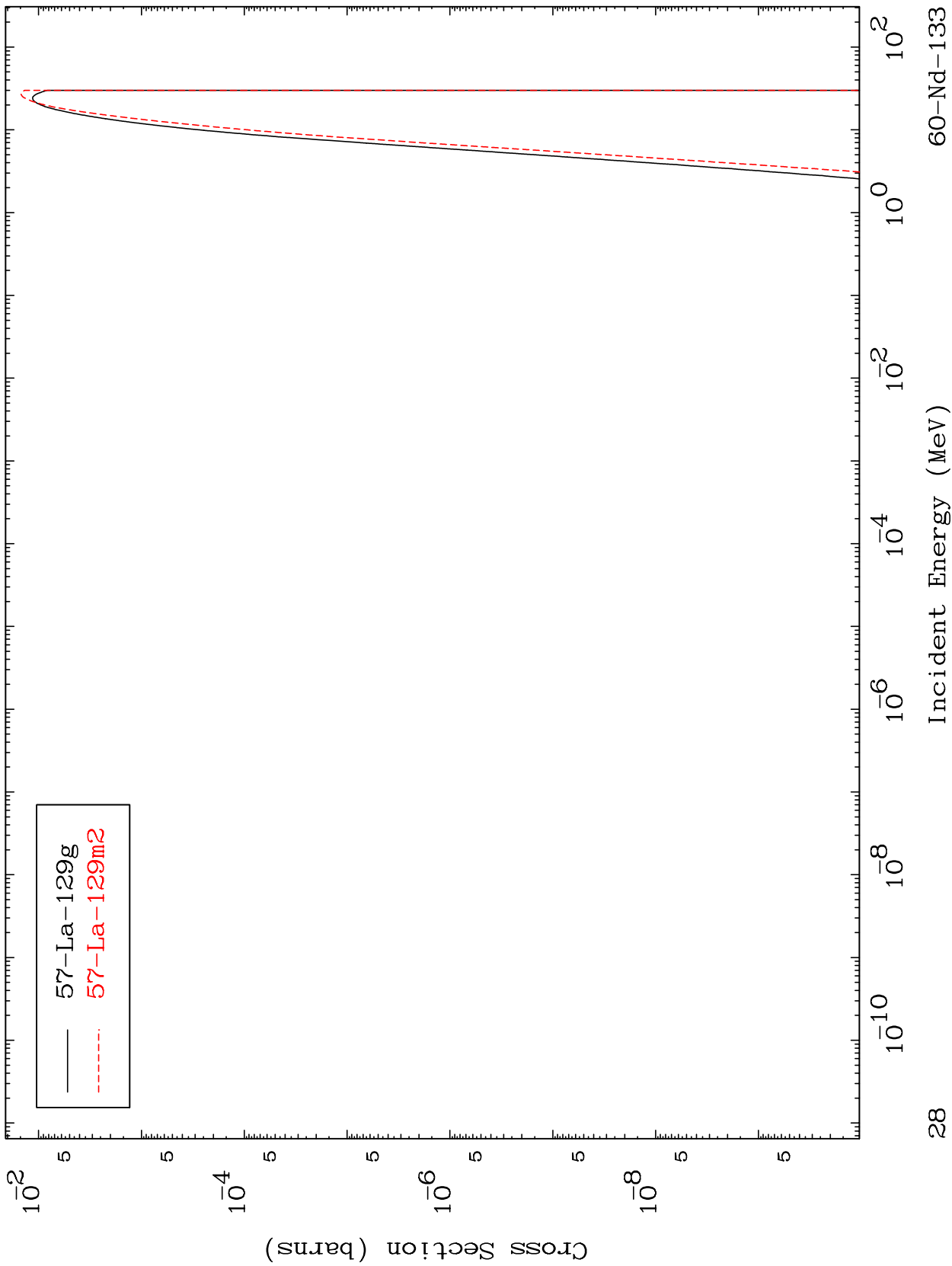
60-Nd-133

MAT 5999

(n,p) α

60-Nd-133

Radionuclide Production Cross Section

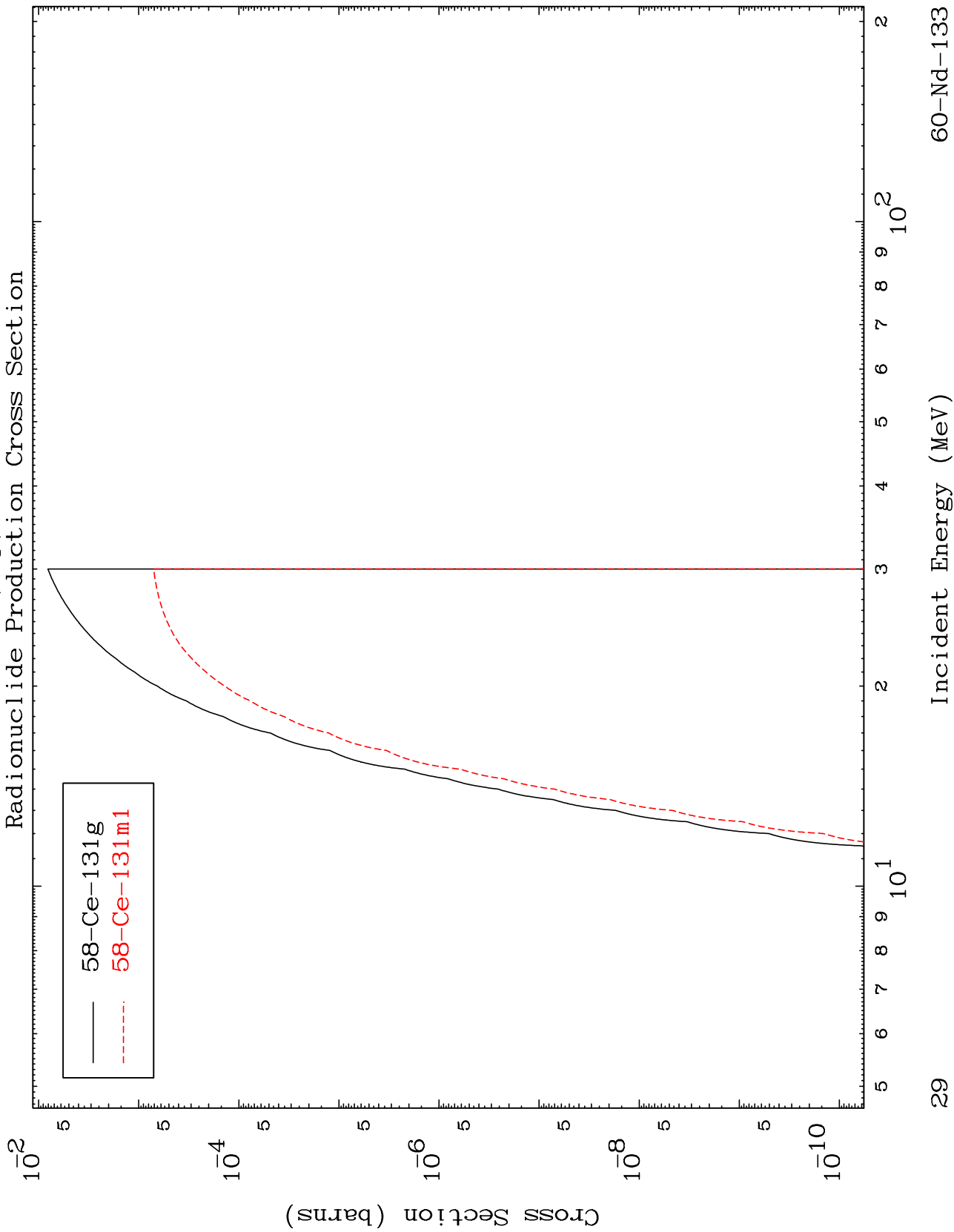


57-La-129g
57-La-129m2

MAT 5999

(n,p) d

60-Nd-133



29

Incident Energy (MeV)

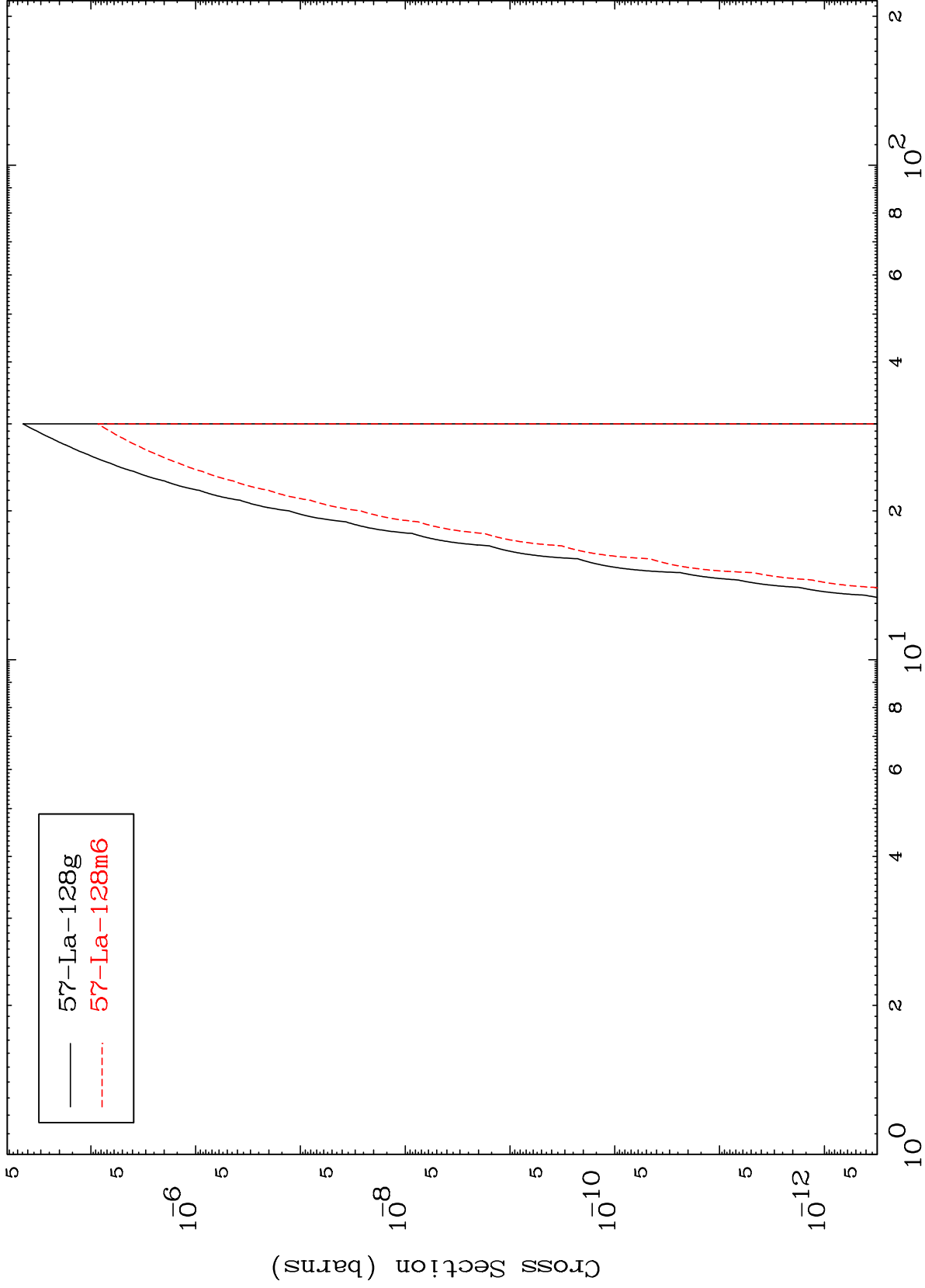
60-Nd-133

MAT 5999

(n,d) α

60-Nd-133

Radionuclide Production Cross Section



Incident Energy (MeV)

60-Nd-133

30