

Program EVALPLOT
(Version 2018-1)

by

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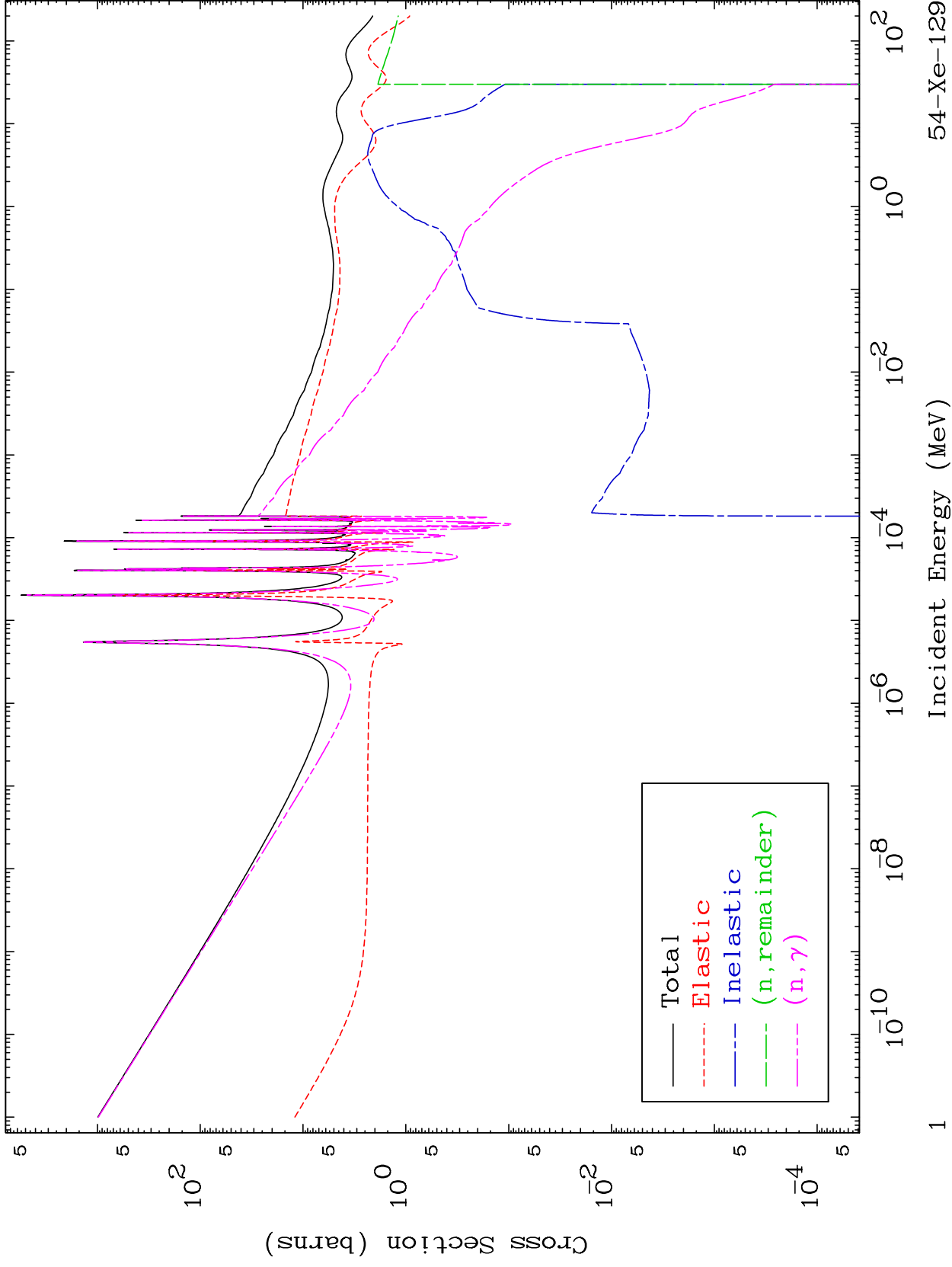
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5441

Major
293 Kelvin Cross Sections

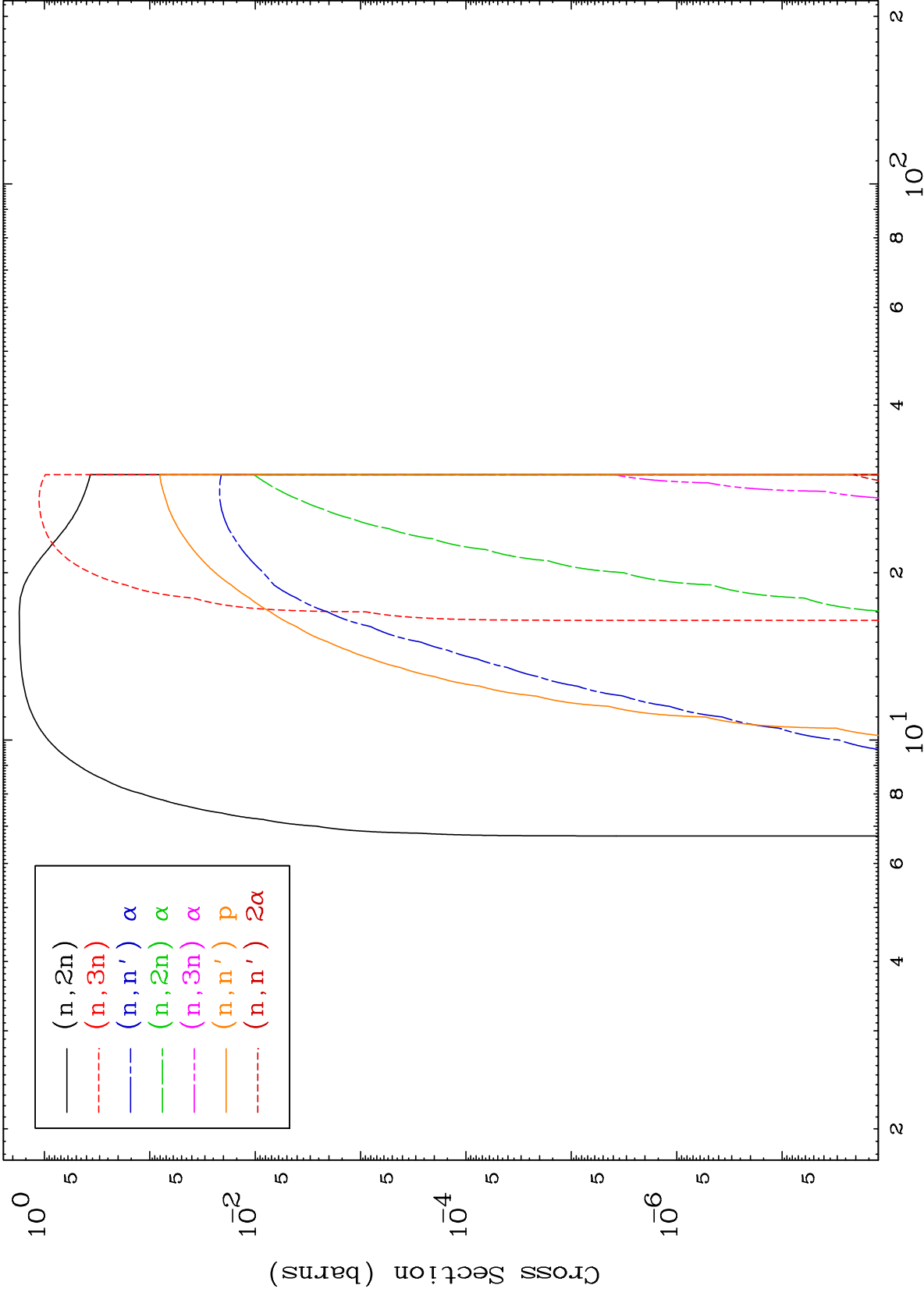
54-Xe-129



MAT 5441

Neutron Production
293 Kelvin Cross Sections

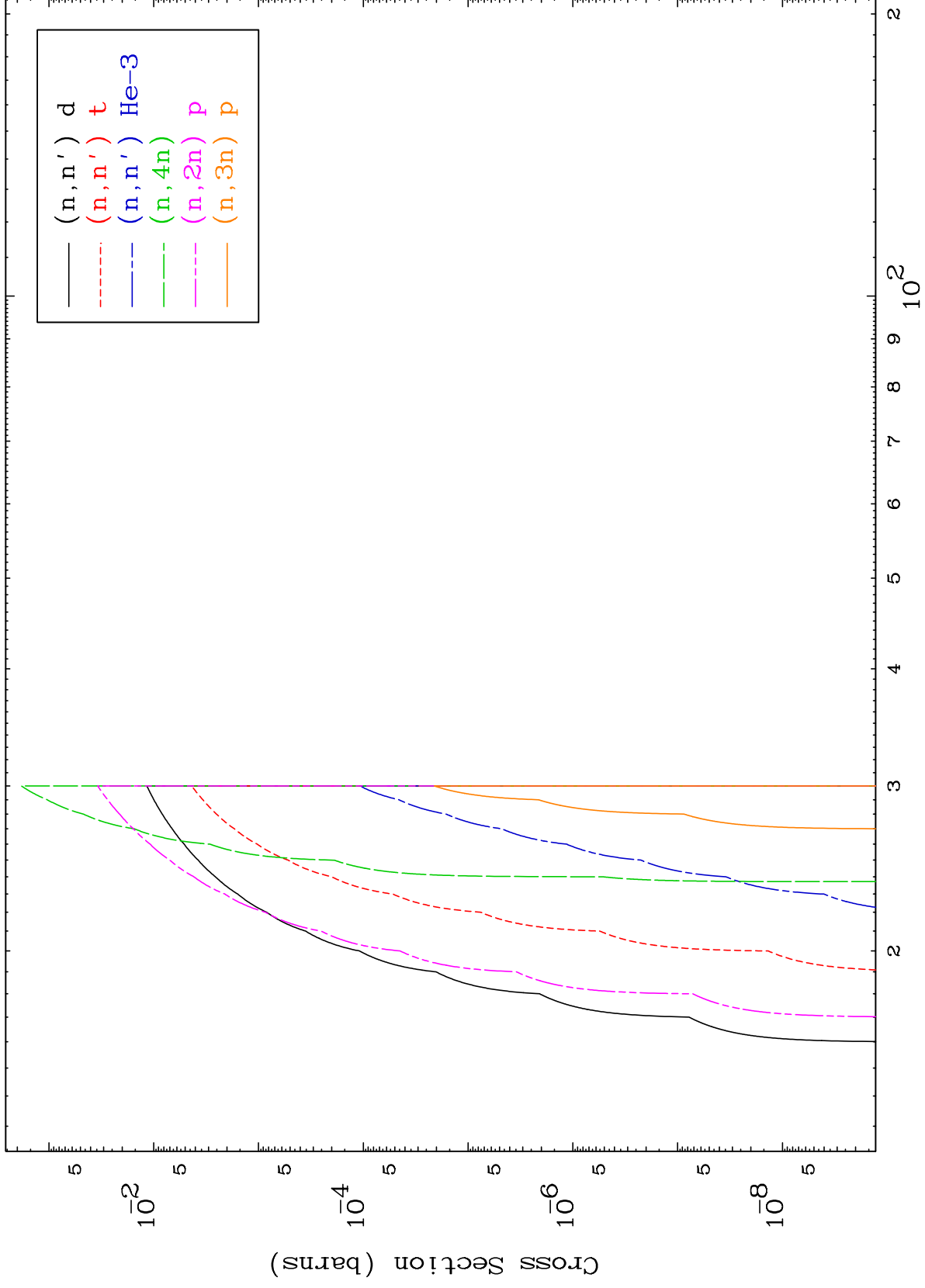
54-Xe-129



54-Xe-129

Incident Energy (MeV)

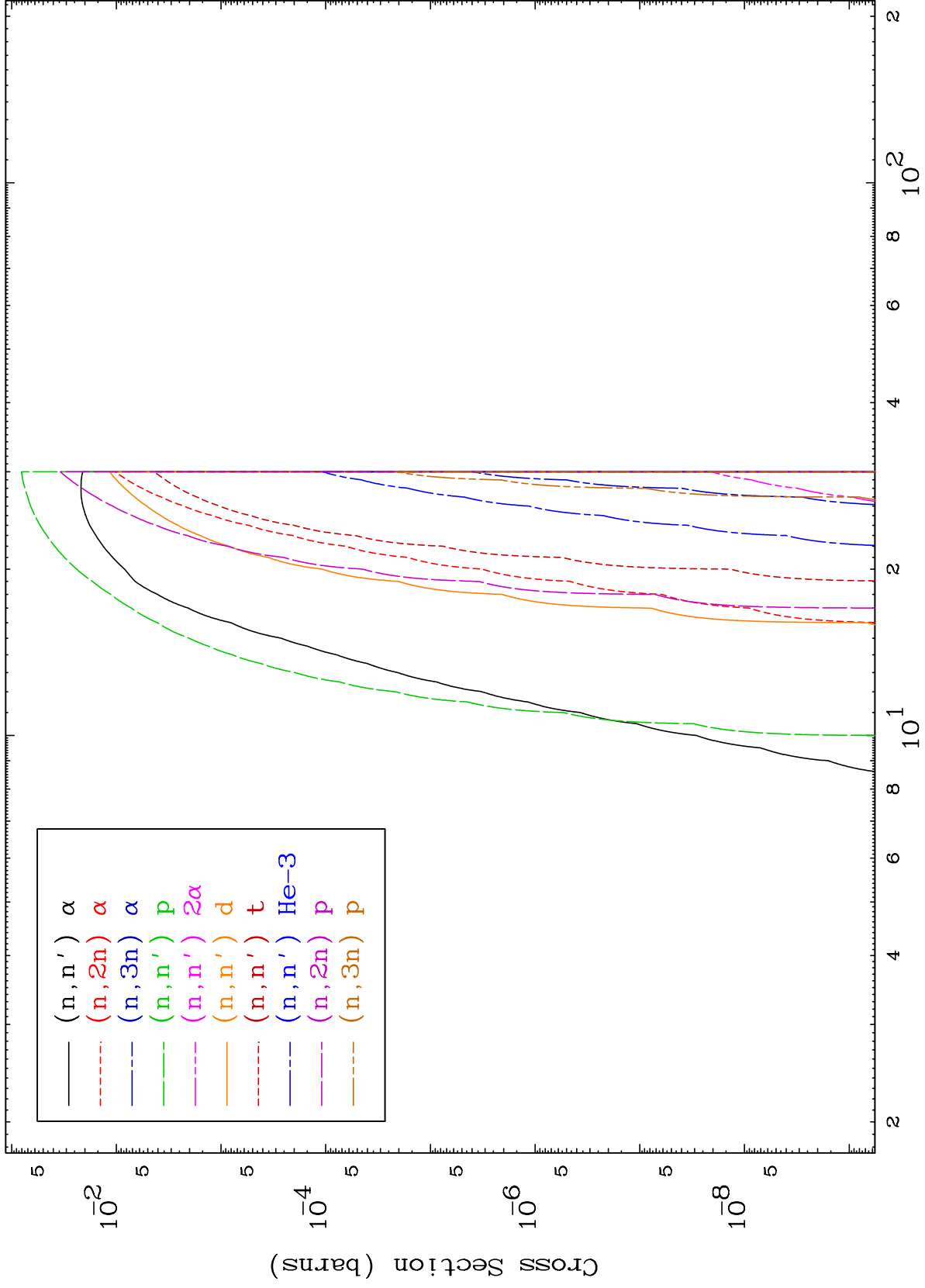
2



MAT 5441

Charged Particle
293 Kelvin Cross Sections

54-Xe-129



4

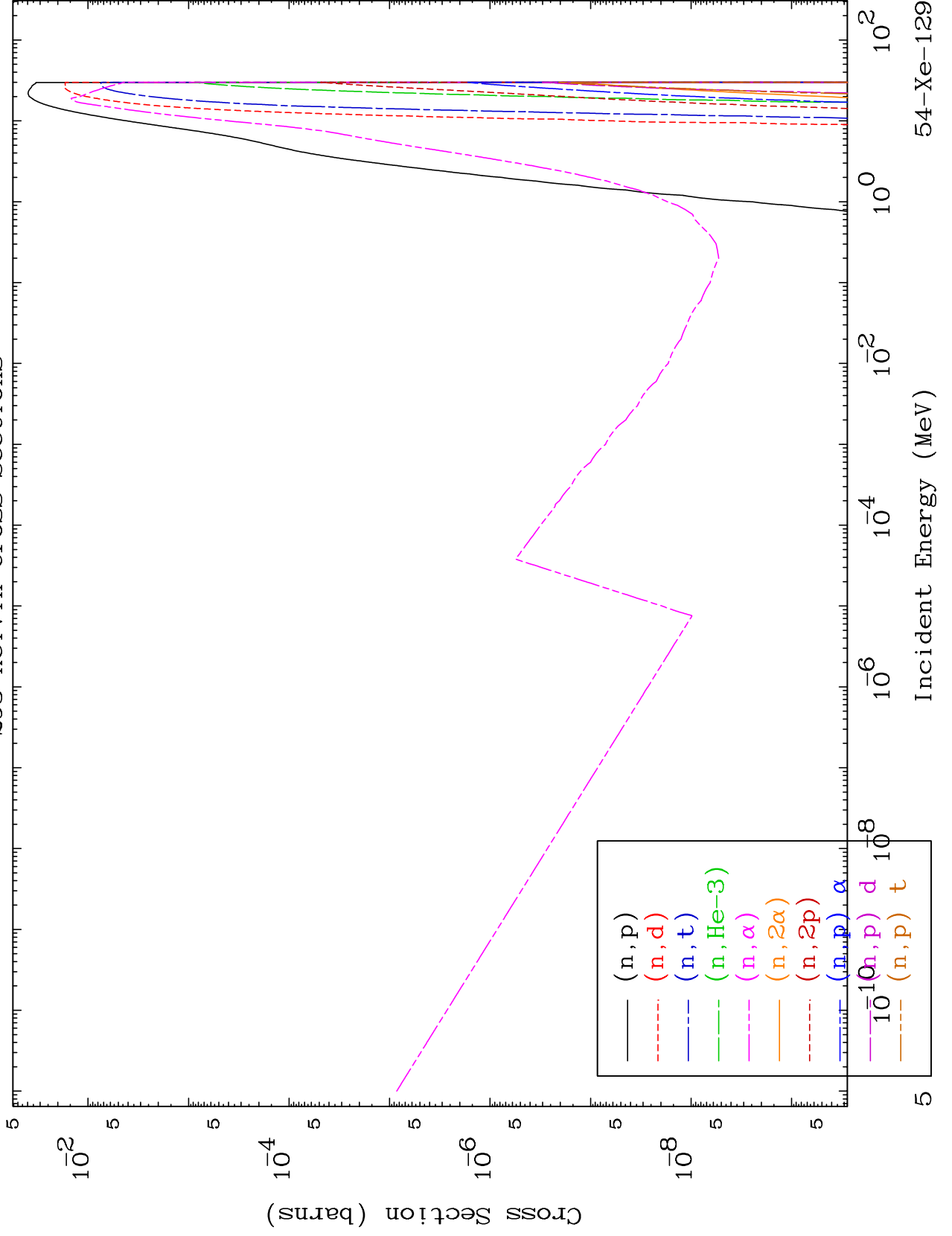
Incident Energy (MeV)

54-Xe-129

MAT 5441

Charged Particle
293 Kelvin Cross Sections

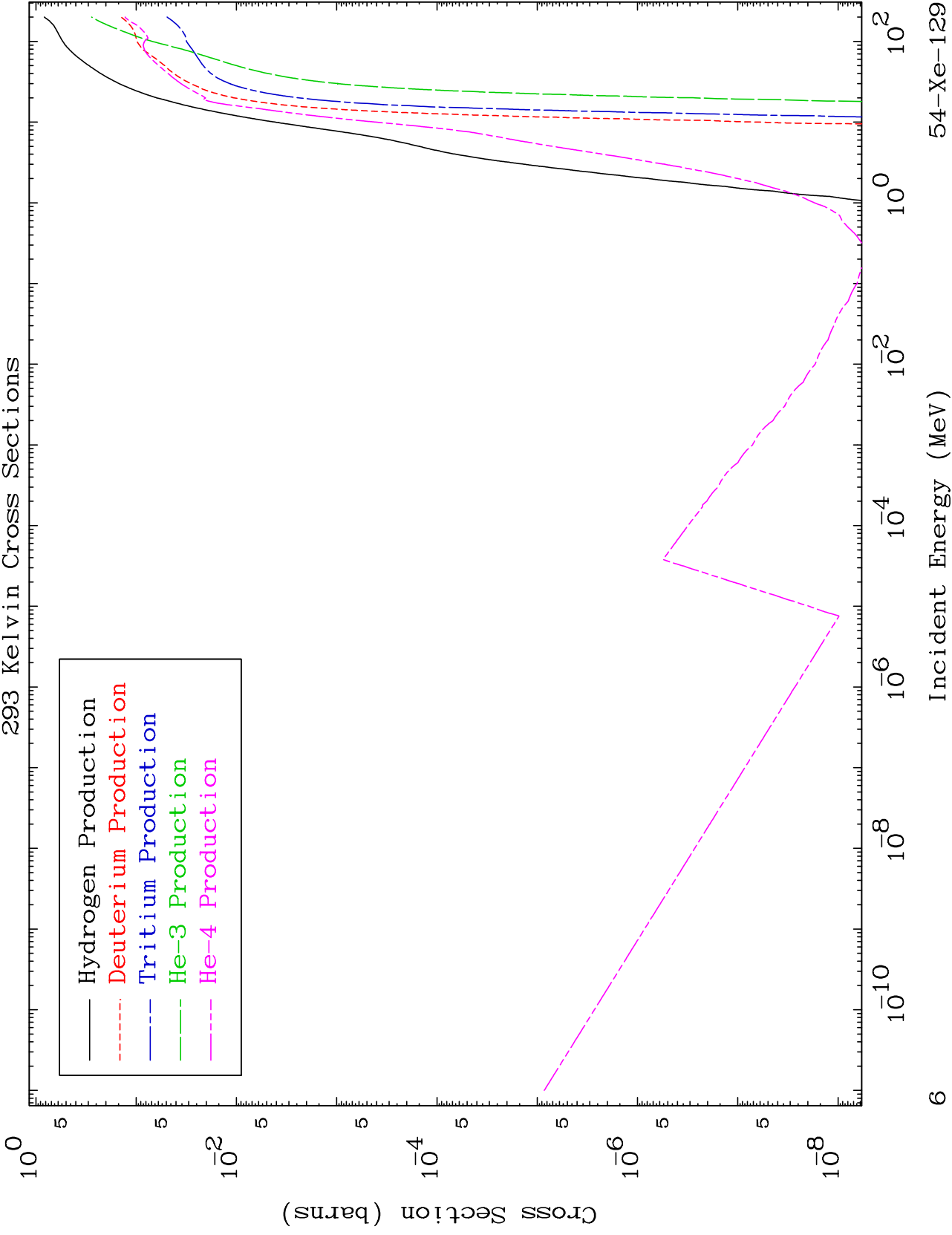
54-Xe-129



MAT 5441

Particle Production
293 Kelvin Cross Sections

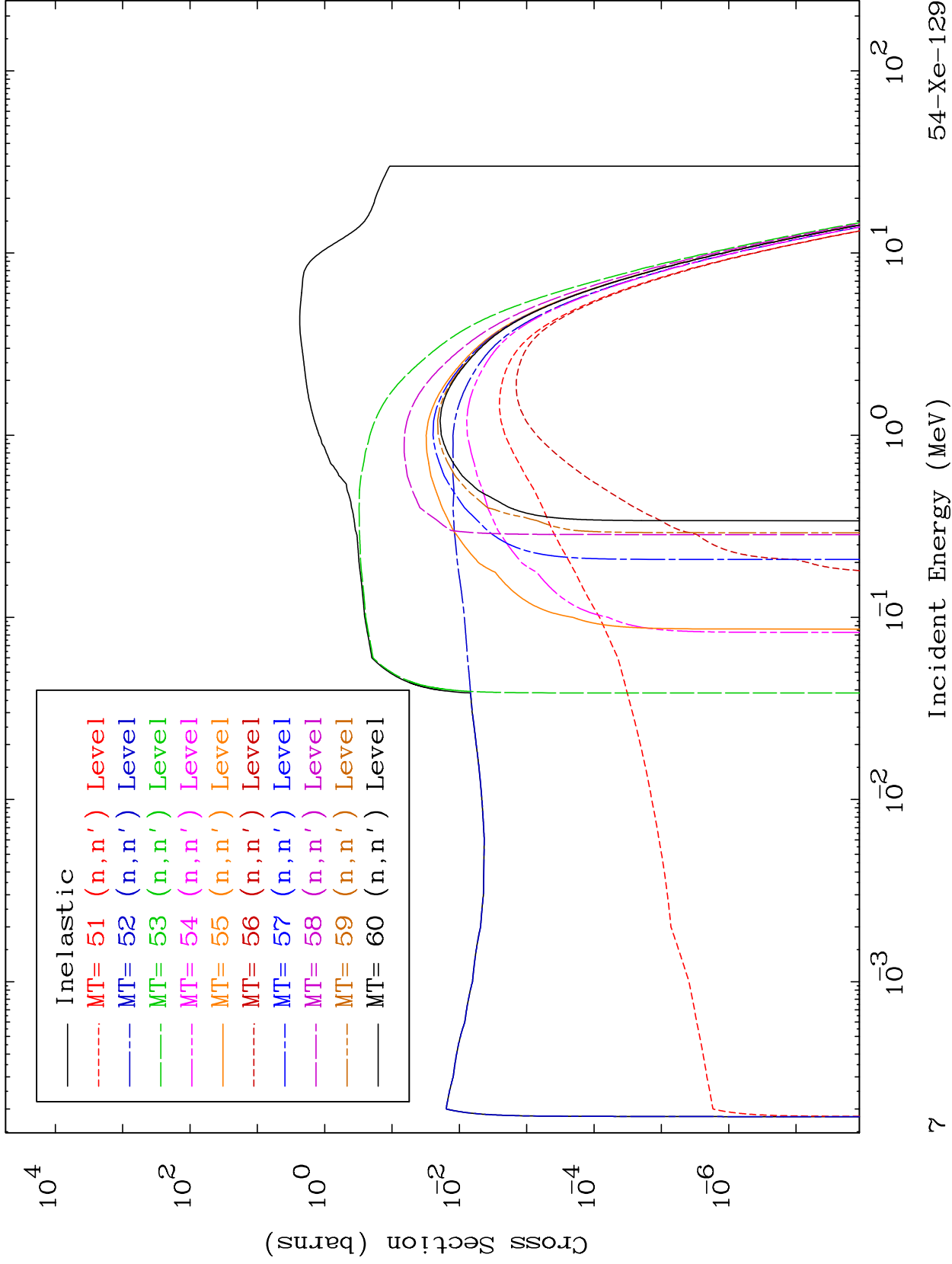
54-Xe-129



MAT 5441

(n,n') Level
293 Kelvin Cross Sections

54-Xe-129

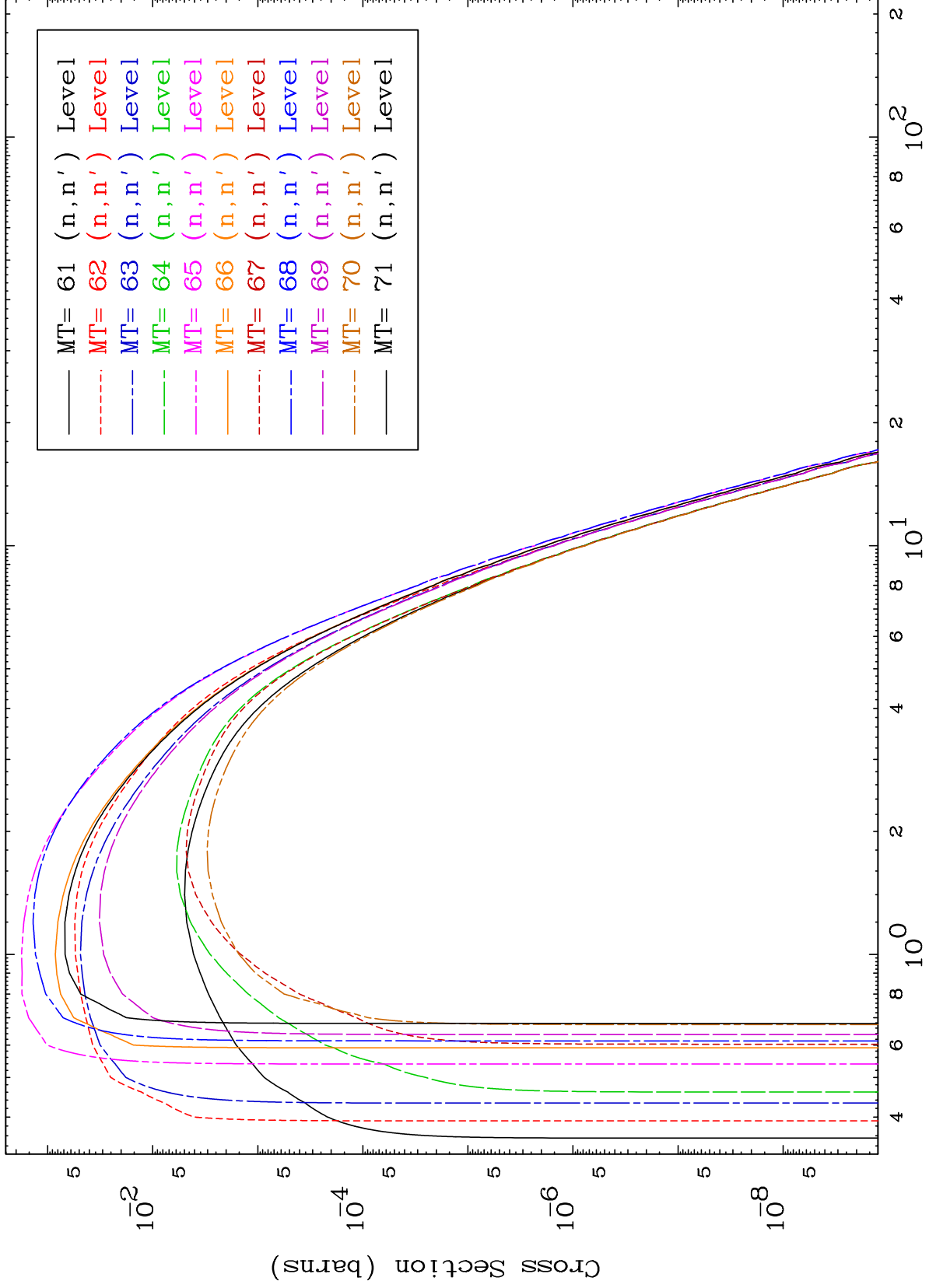


MAT 5441

(n,n') Level

54-Xe-129

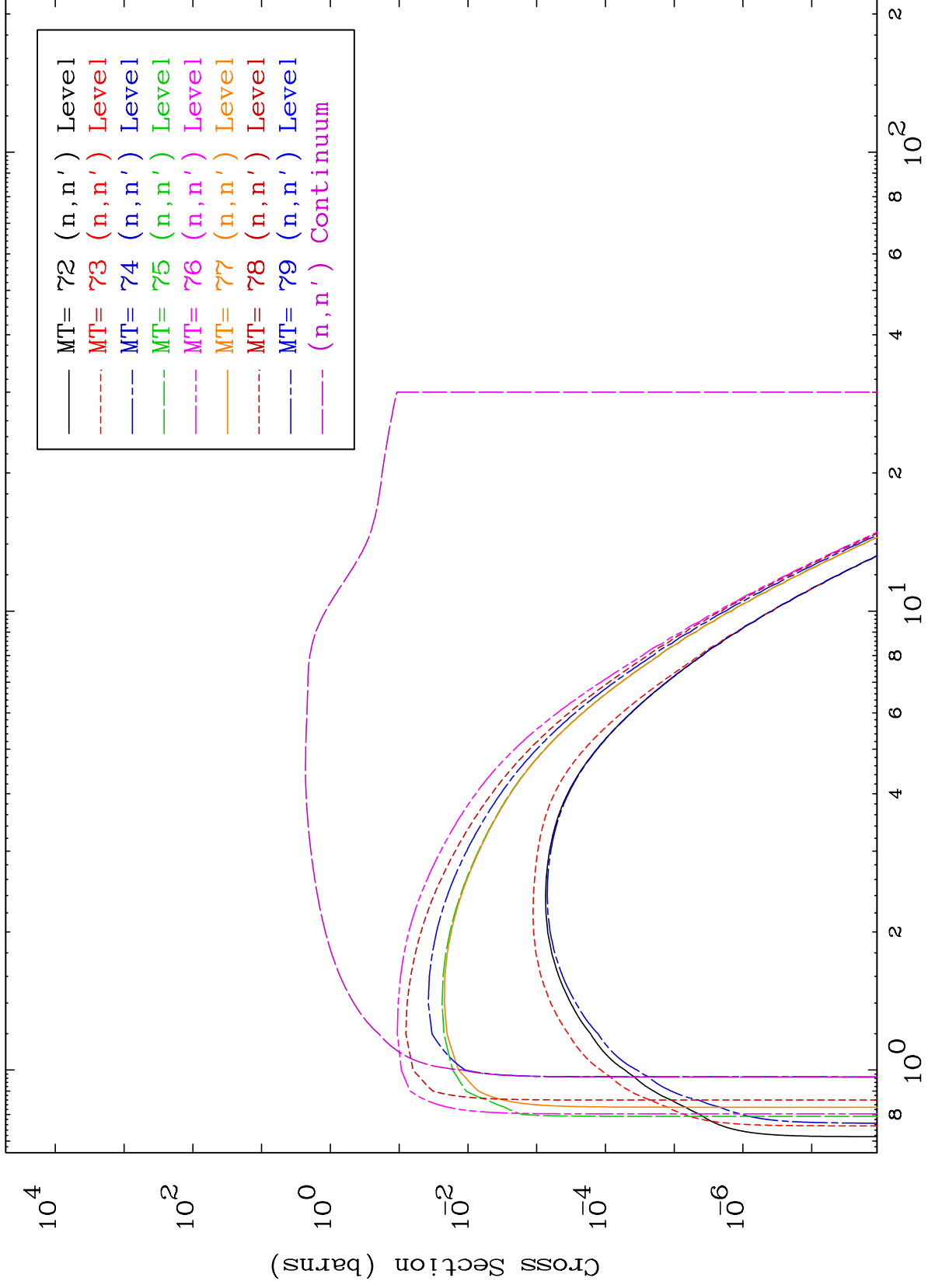
293 Kelvin Cross Sections



8

Incident Energy (MeV)

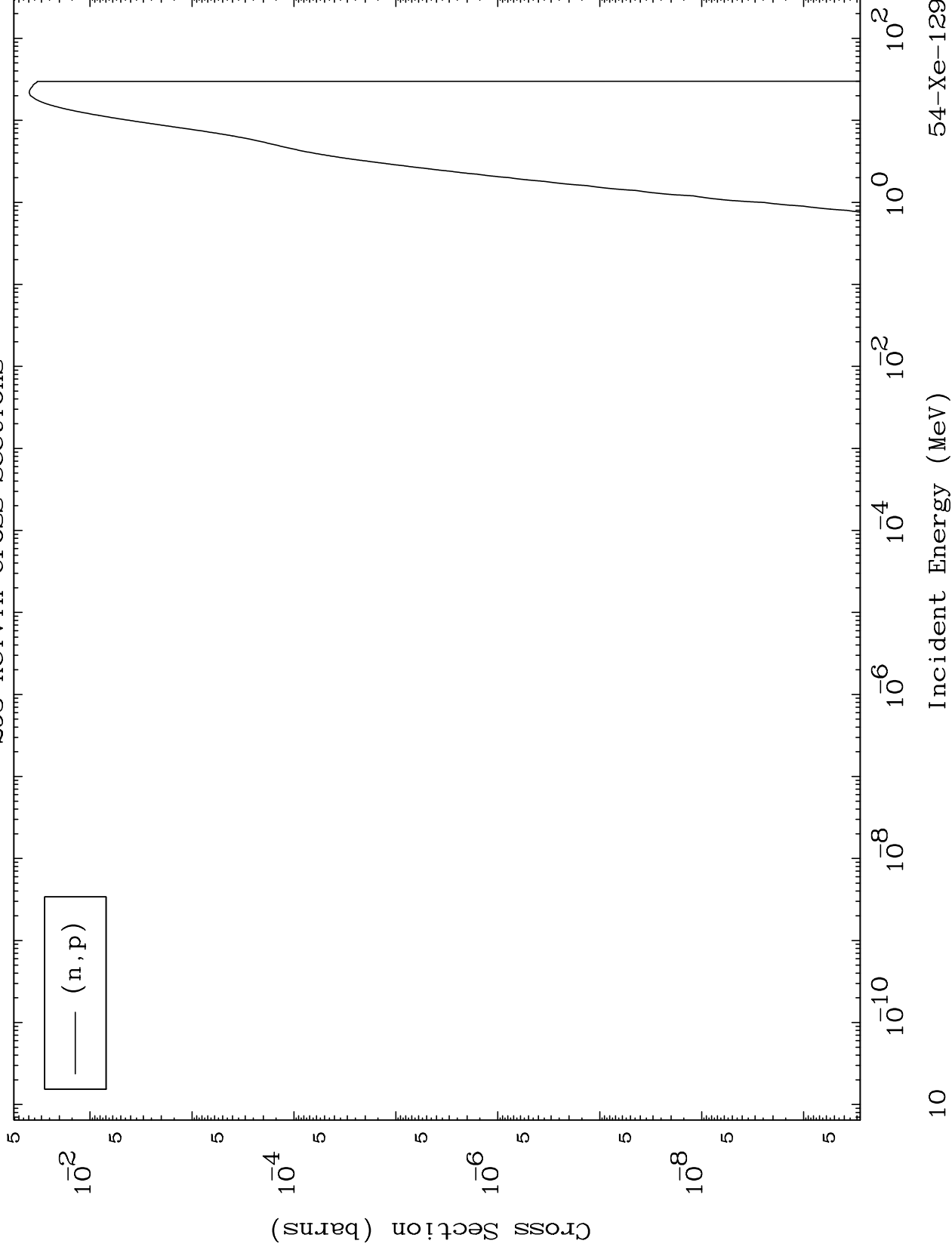
54-Xe-129



MAT 5441

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-129



10

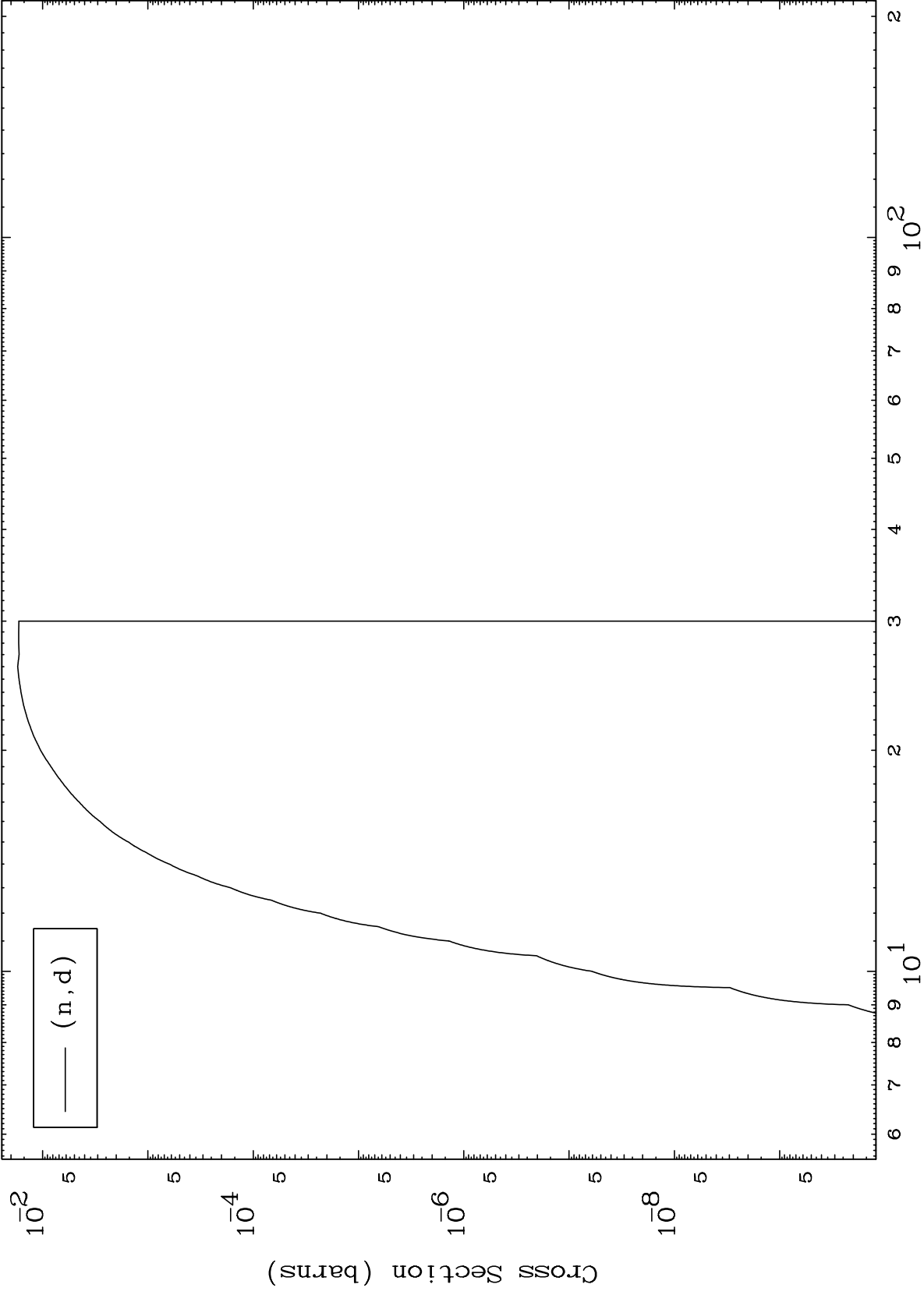
Incident Energy (MeV)

54-Xe-129

MAT 5441

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-129



11

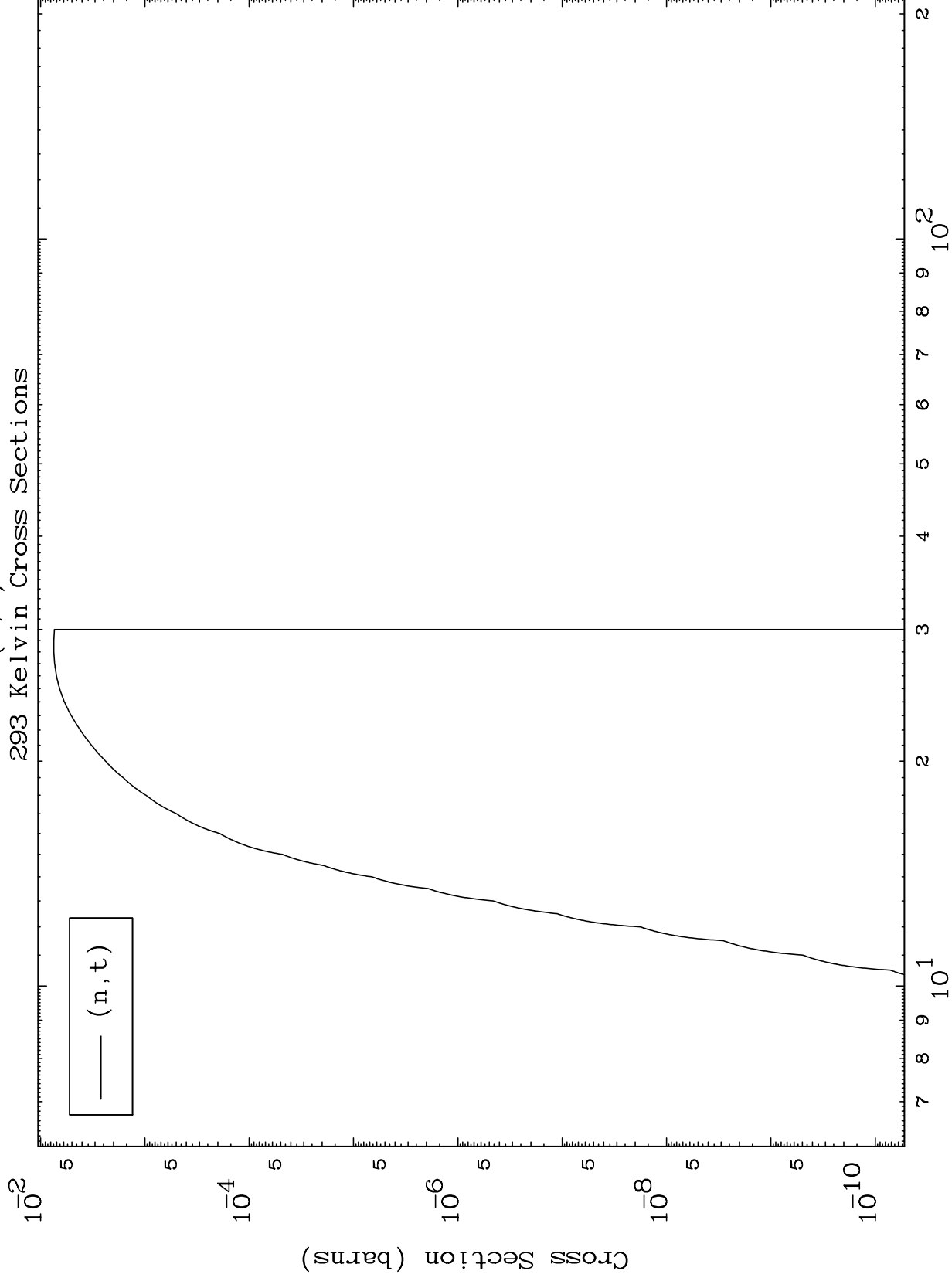
Incident Energy (MeV)

54-Xe-129

MAT 5441

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-129



12

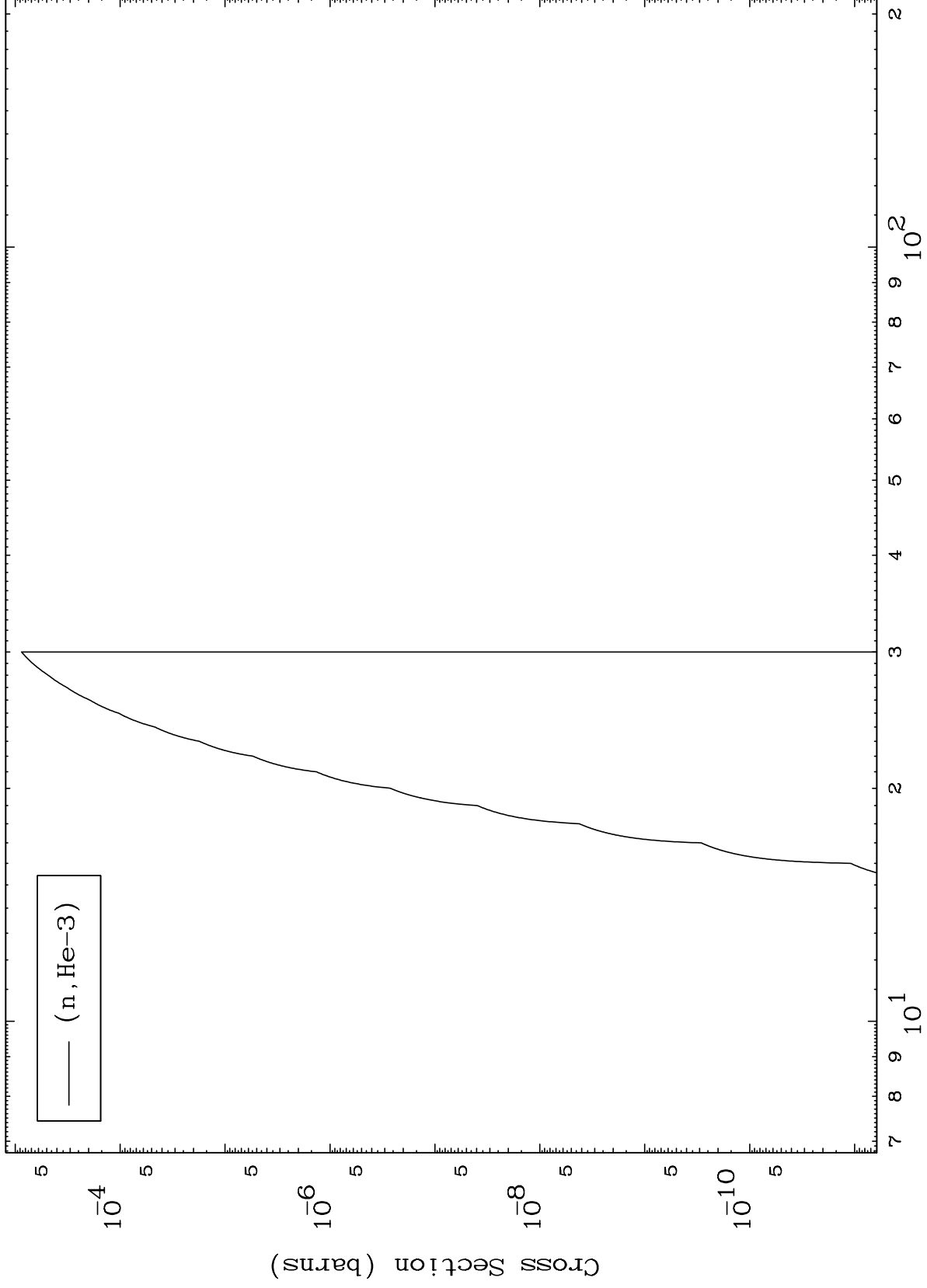
Incident Energy (MeV)

54-Xe-129

MAT 5441

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-129



13

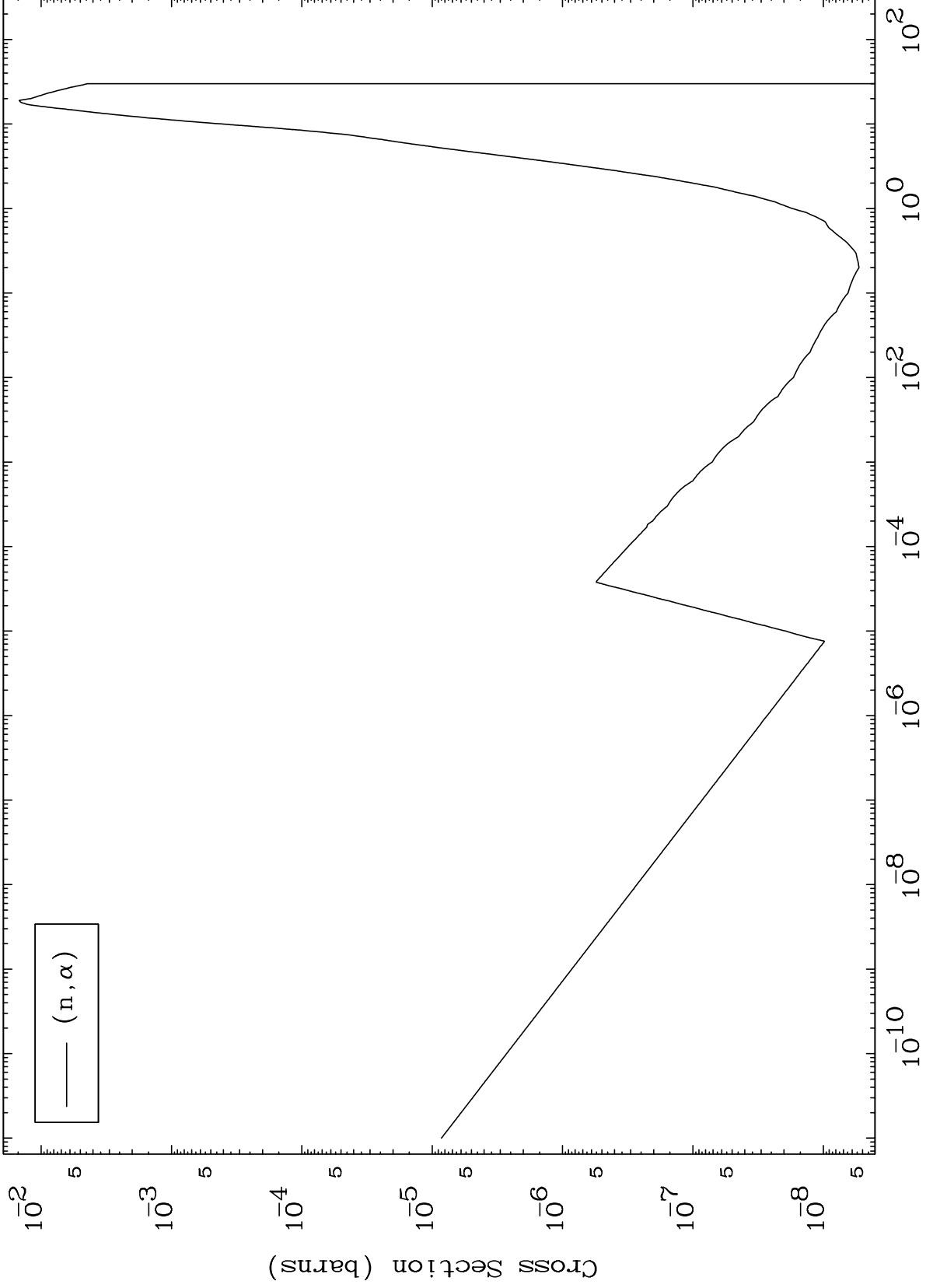
Incident Energy (MeV)

54-Xe-129

MAT 5441

(n, α) Levels
293 Kelvin Cross Sections

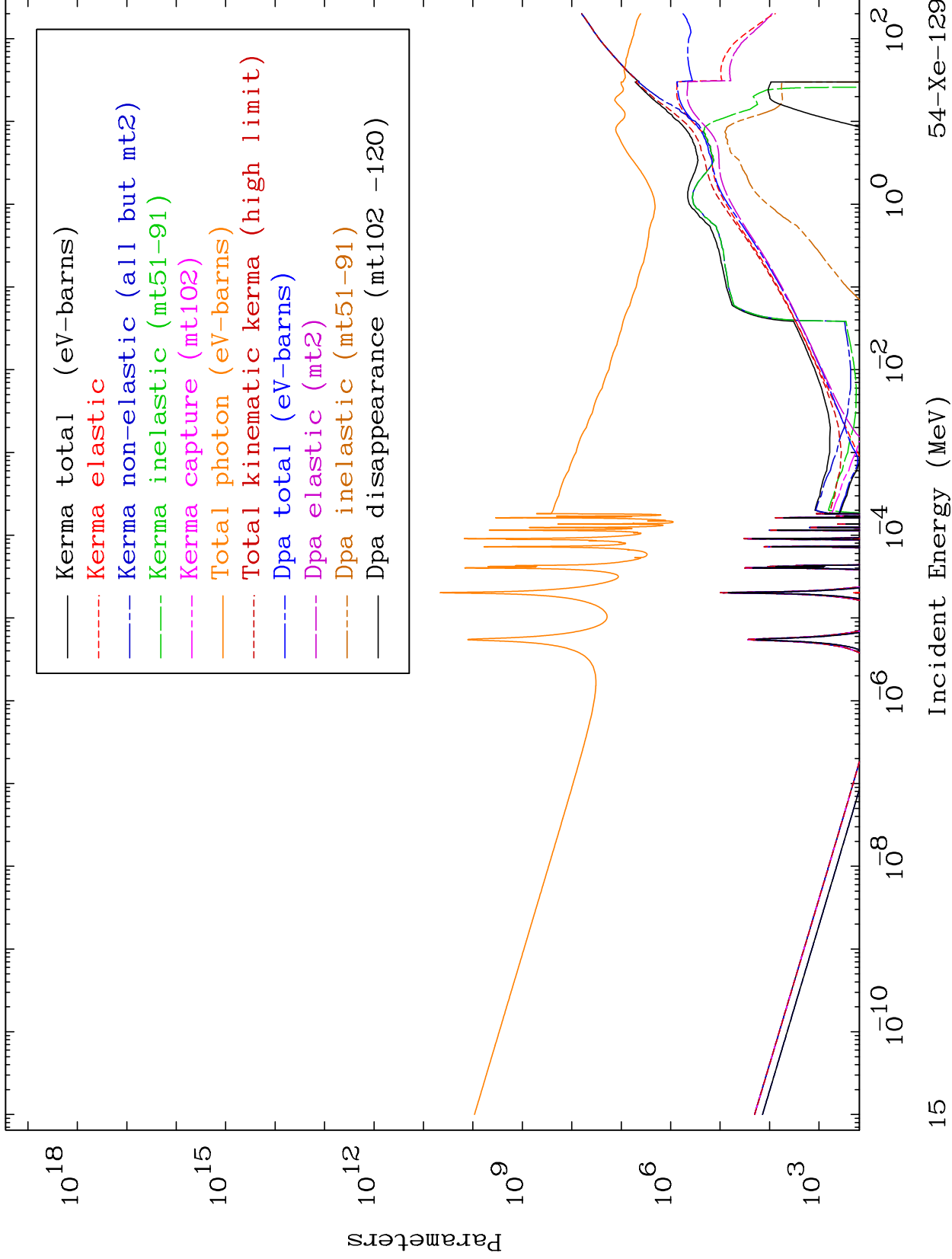
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14

Incident Energy (MeV)

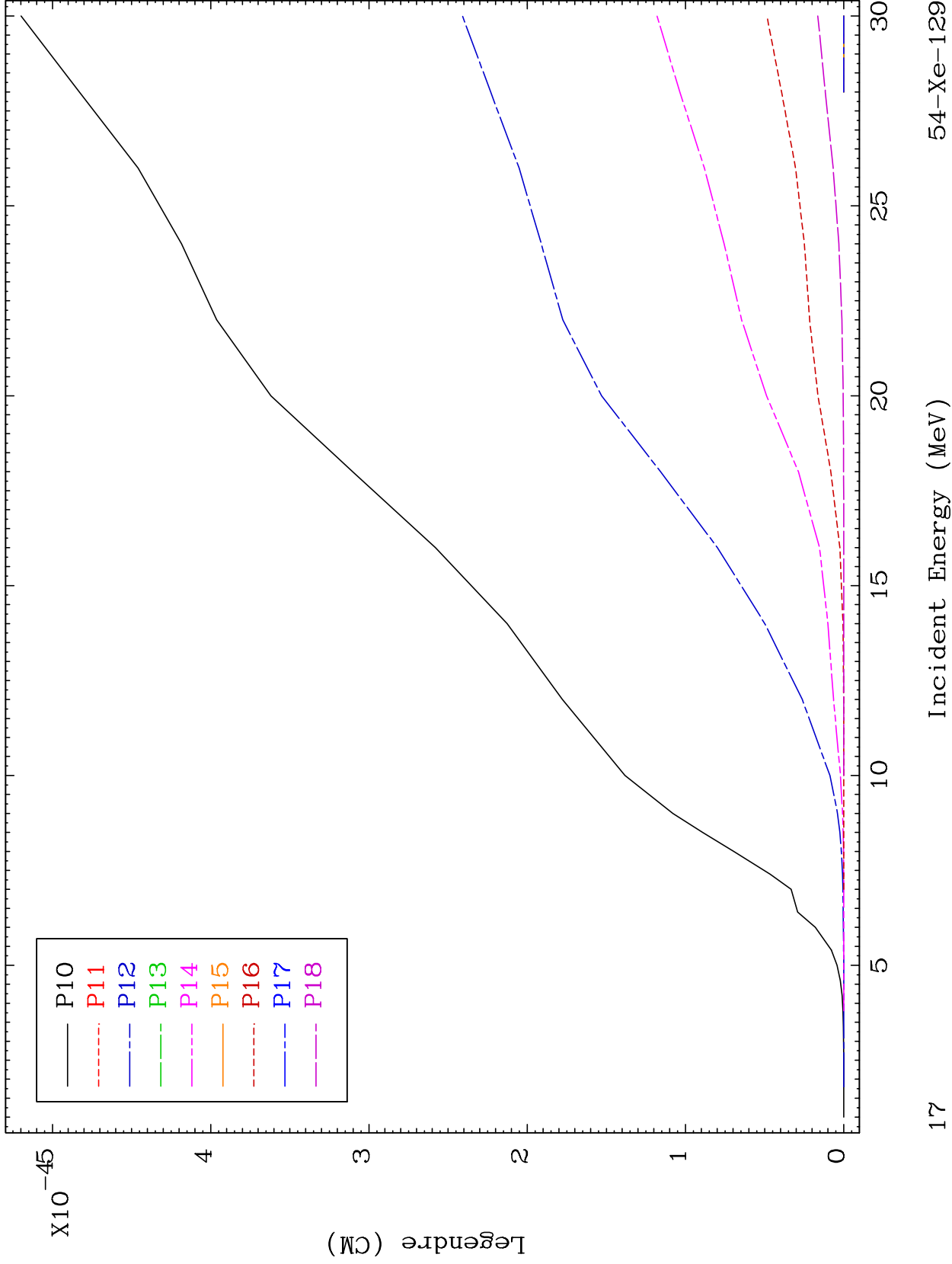
54-Xe-129



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Elastic Legendre Coefficients

54-Xe-129



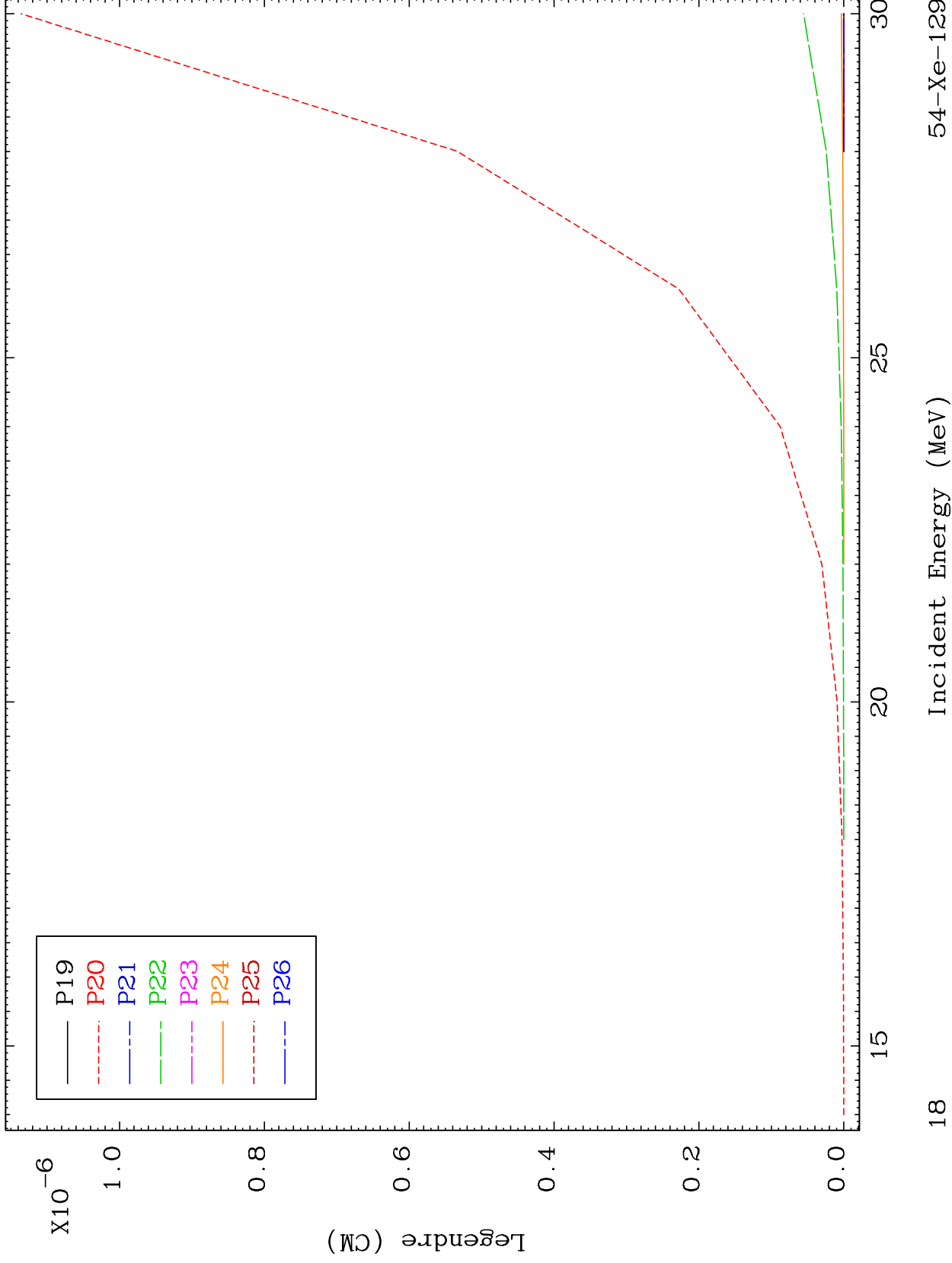
17

54-Xe-129

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Elastic Legendre Coefficients

54-Xe-129

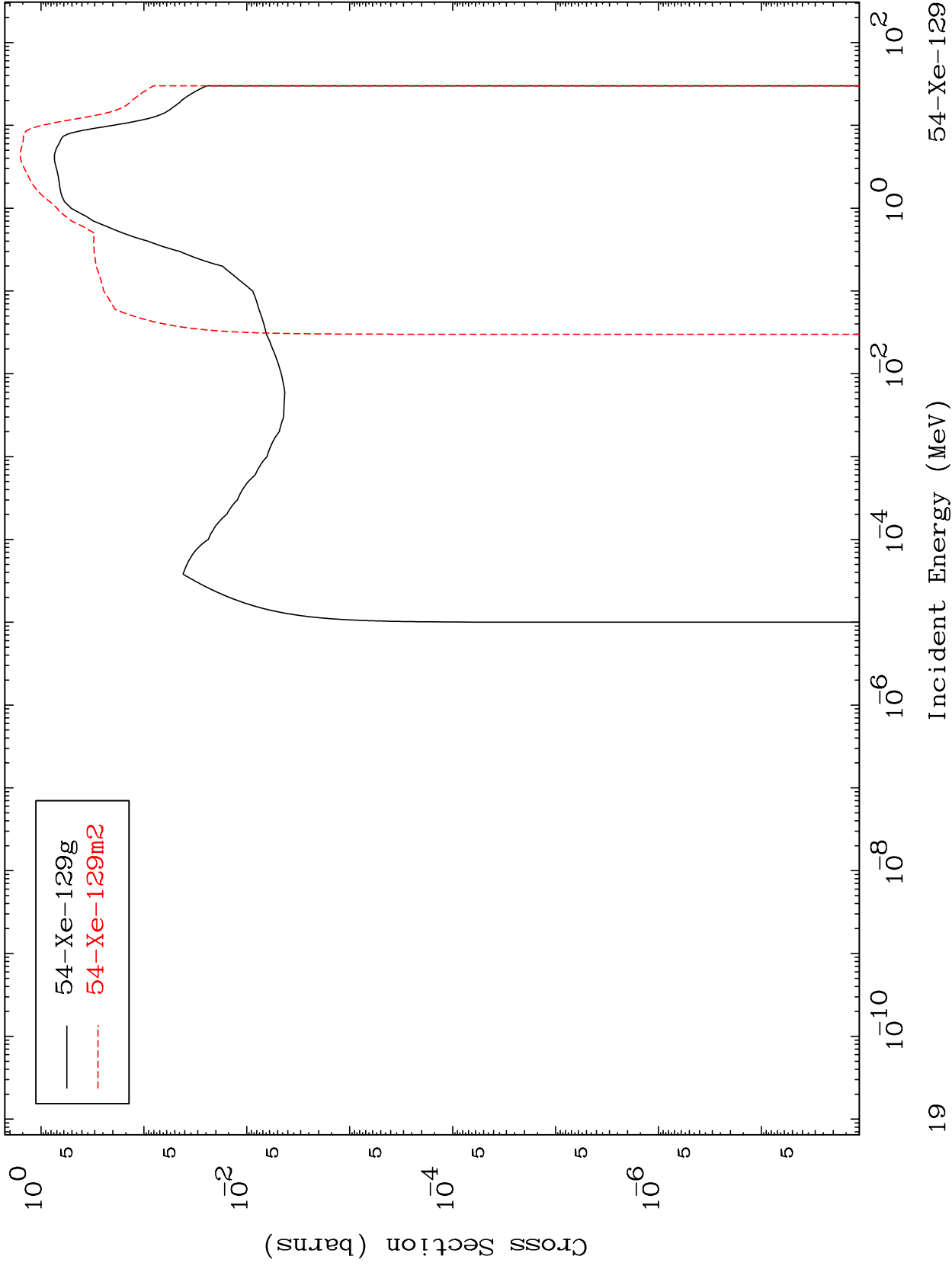


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Inelastic
Radionuclide Production Cross Section

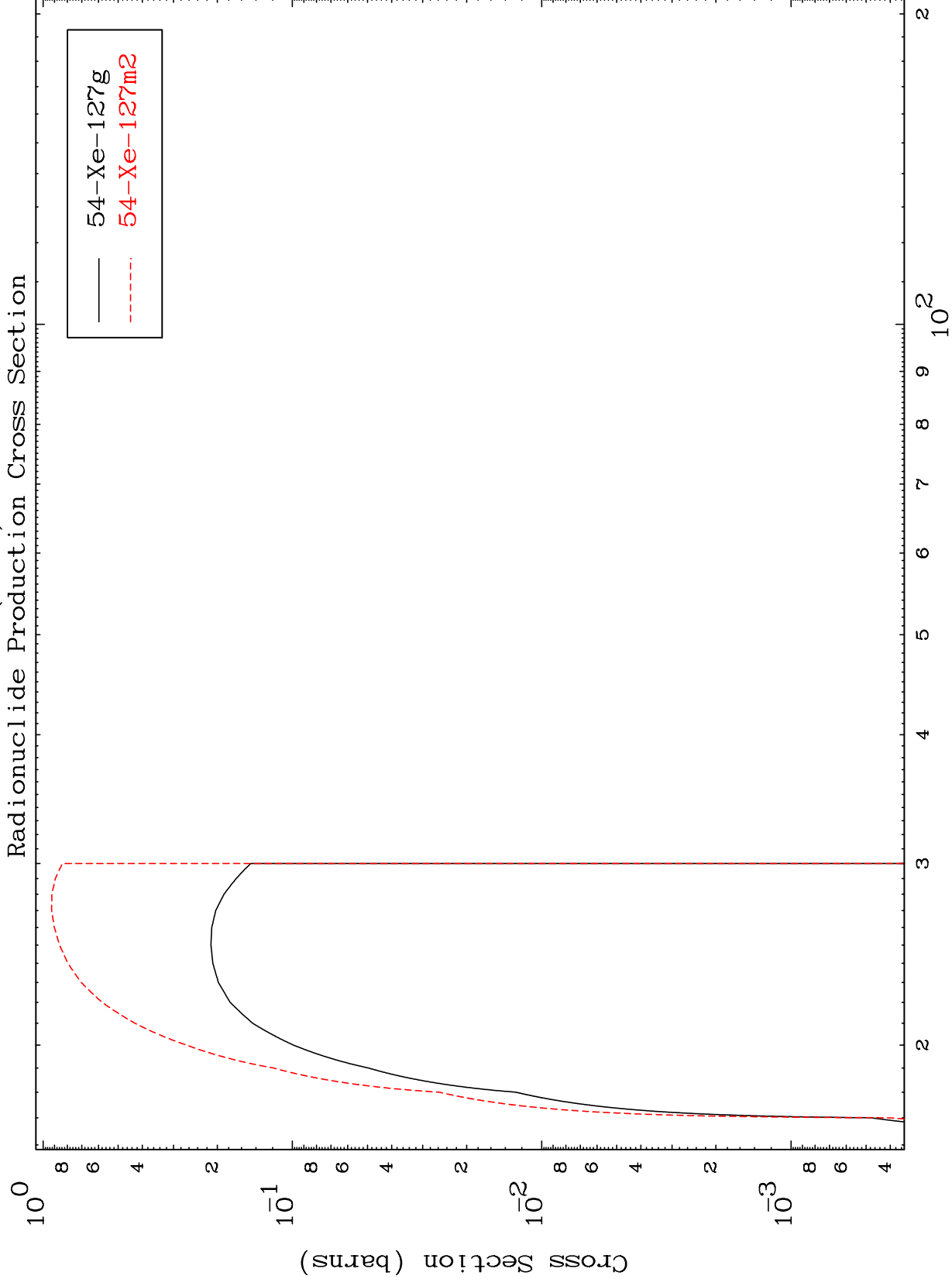
54-Xe-129



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54-Xe-129

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

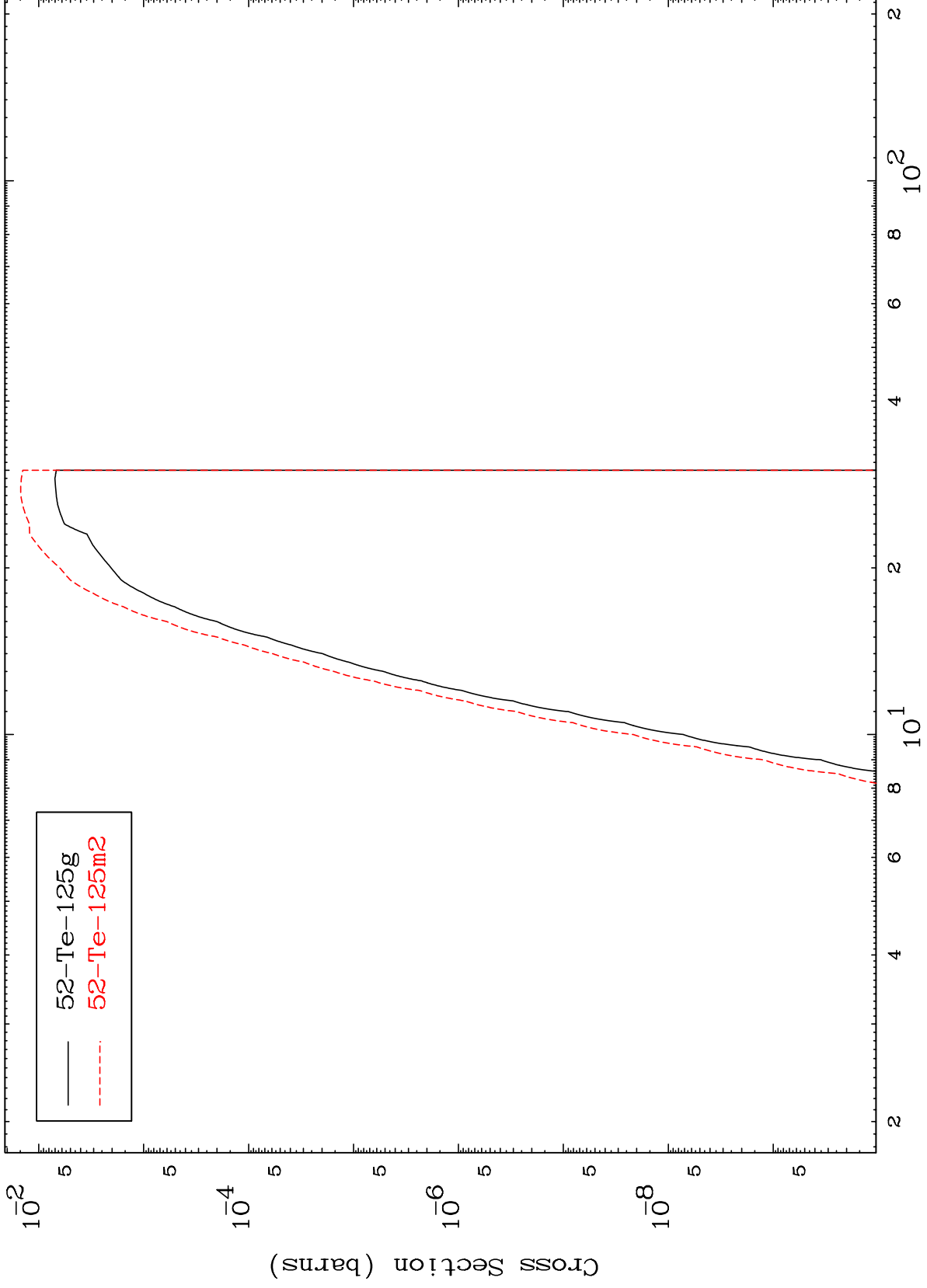
54-Xe-129

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54-Xe-129

(n,n') α

Radionuclide Production Cross Section



21

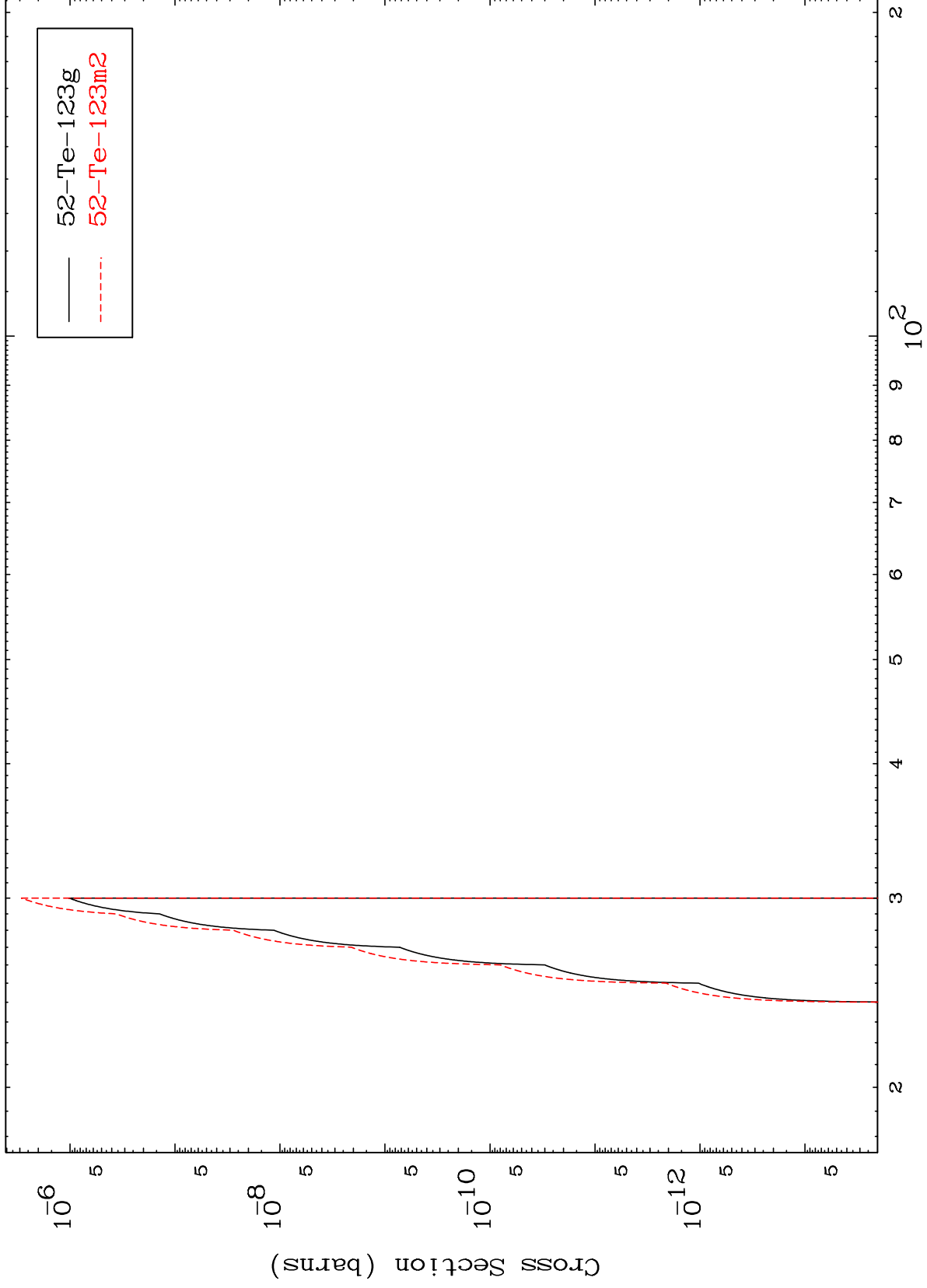
54-Xe-129

MAT 5441

(n,3n) α

54-Xe-129

Radionuclide Production Cross Section



22

Incident Energy (MeV)

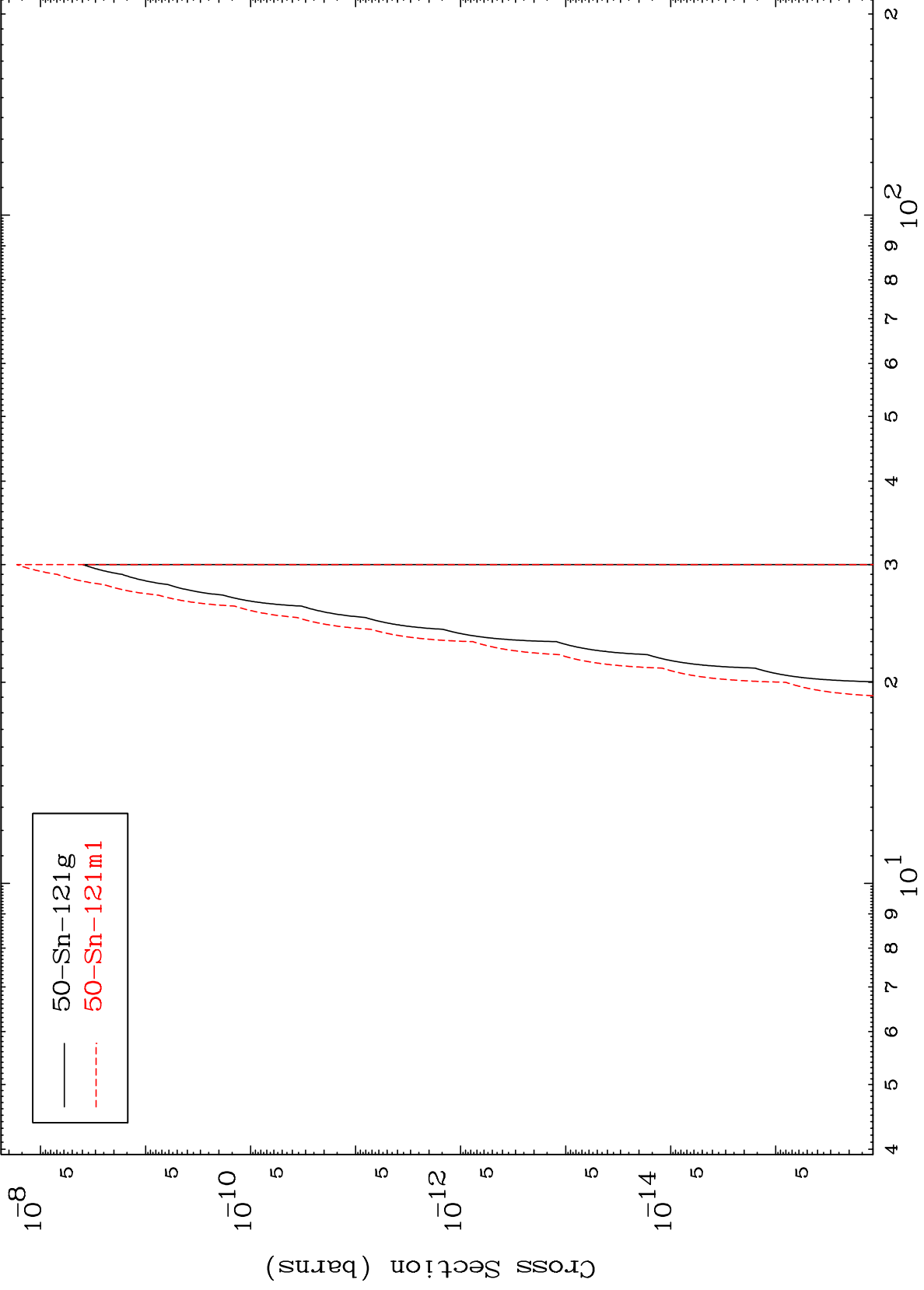
54-Xe-129

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(n,n') 2 α

54-Xe-129

Radionuclide Production Cross Section



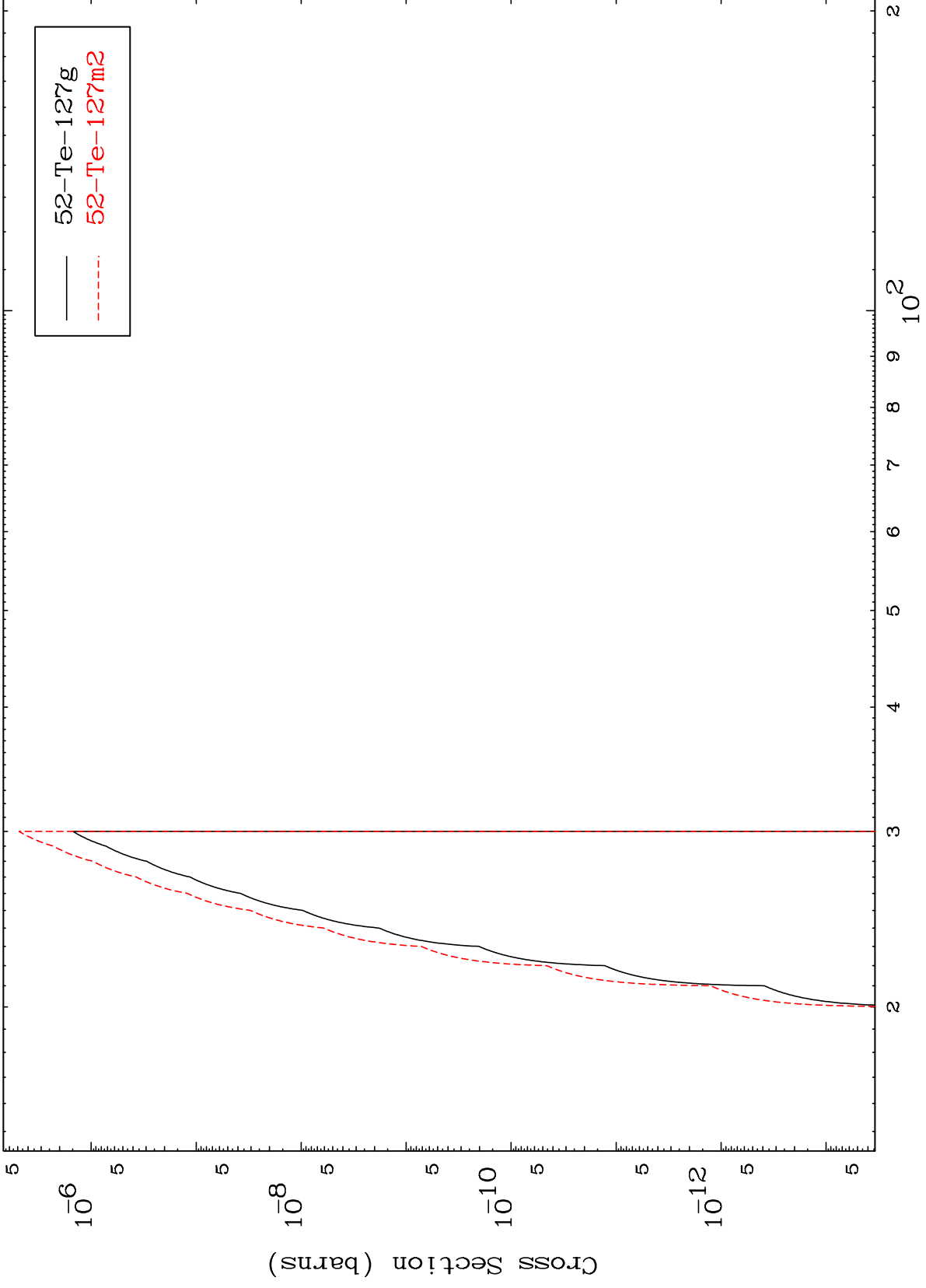
— 50-Sn-121g
- - - 50-Sn-121m1

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(n,2n) p

54-Xe-129

Radionuclide Production Cross Section



24

Incident Energy (MeV)

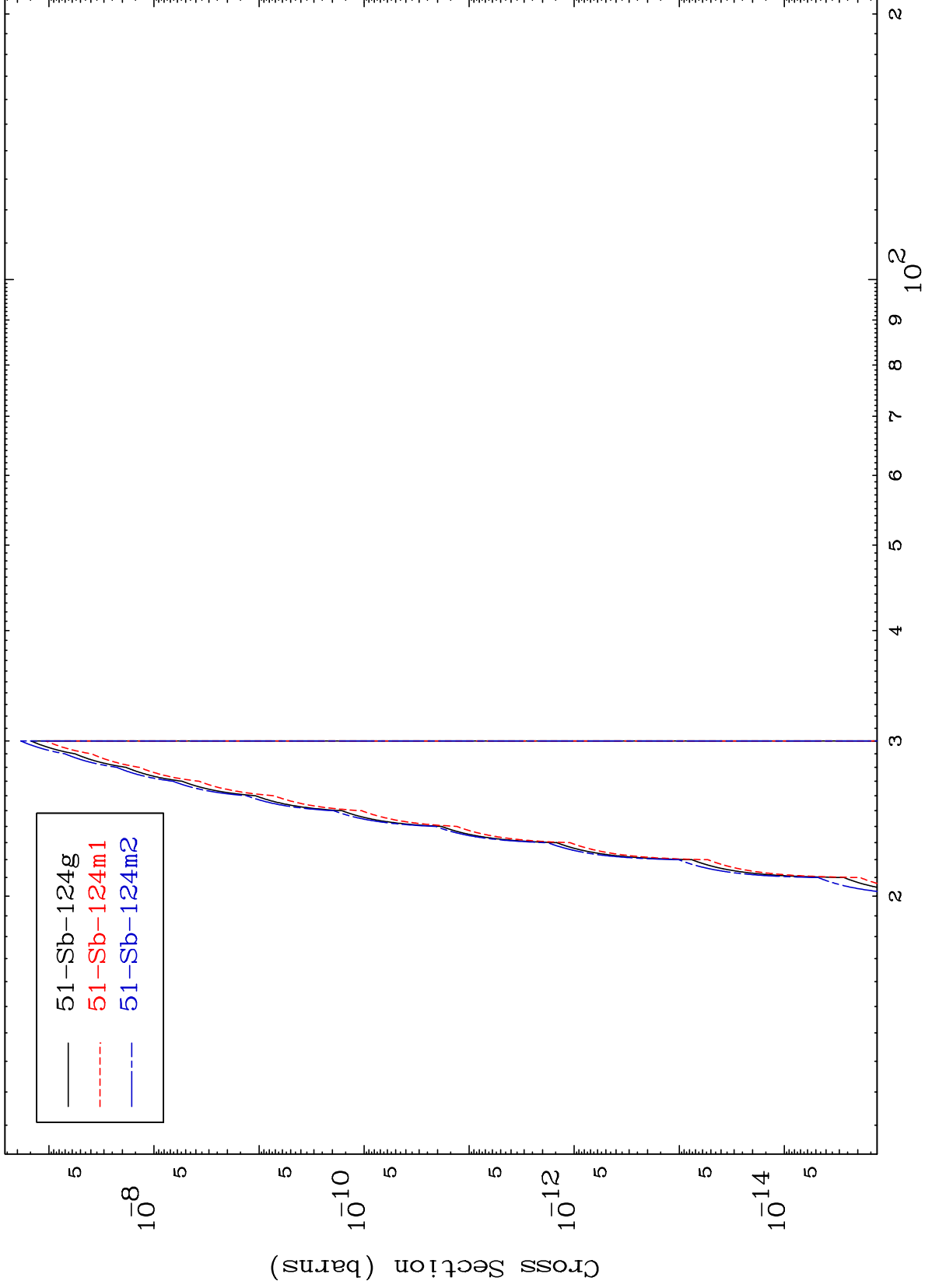
54-Xe-129

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(n,n') p α

54-Xe-129

Radionuclide Production Cross Section



25

Incident Energy (MeV)

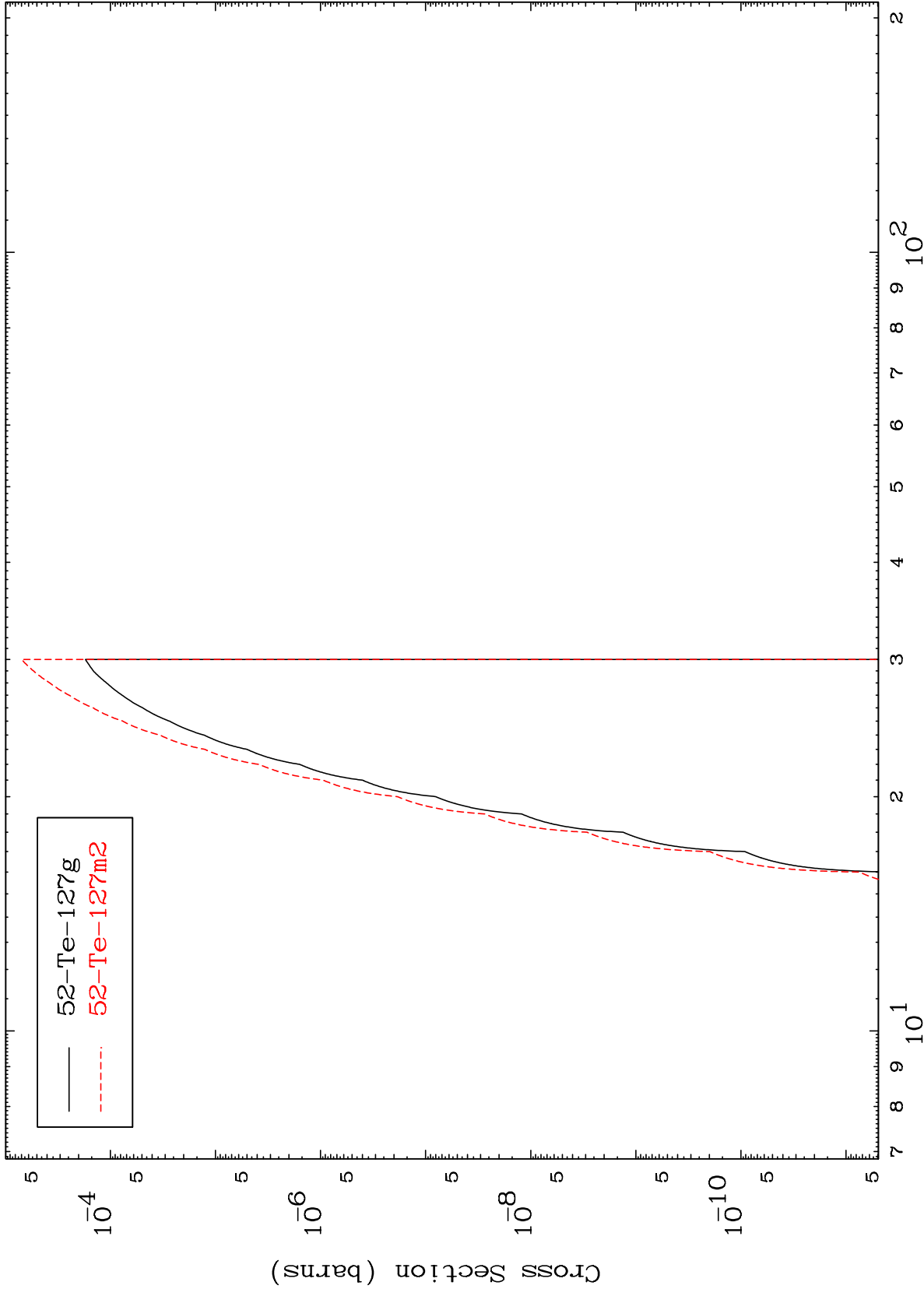
54-Xe-129

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(n,He-3)

54-Xe-129

Radionuclide Production Cross Section

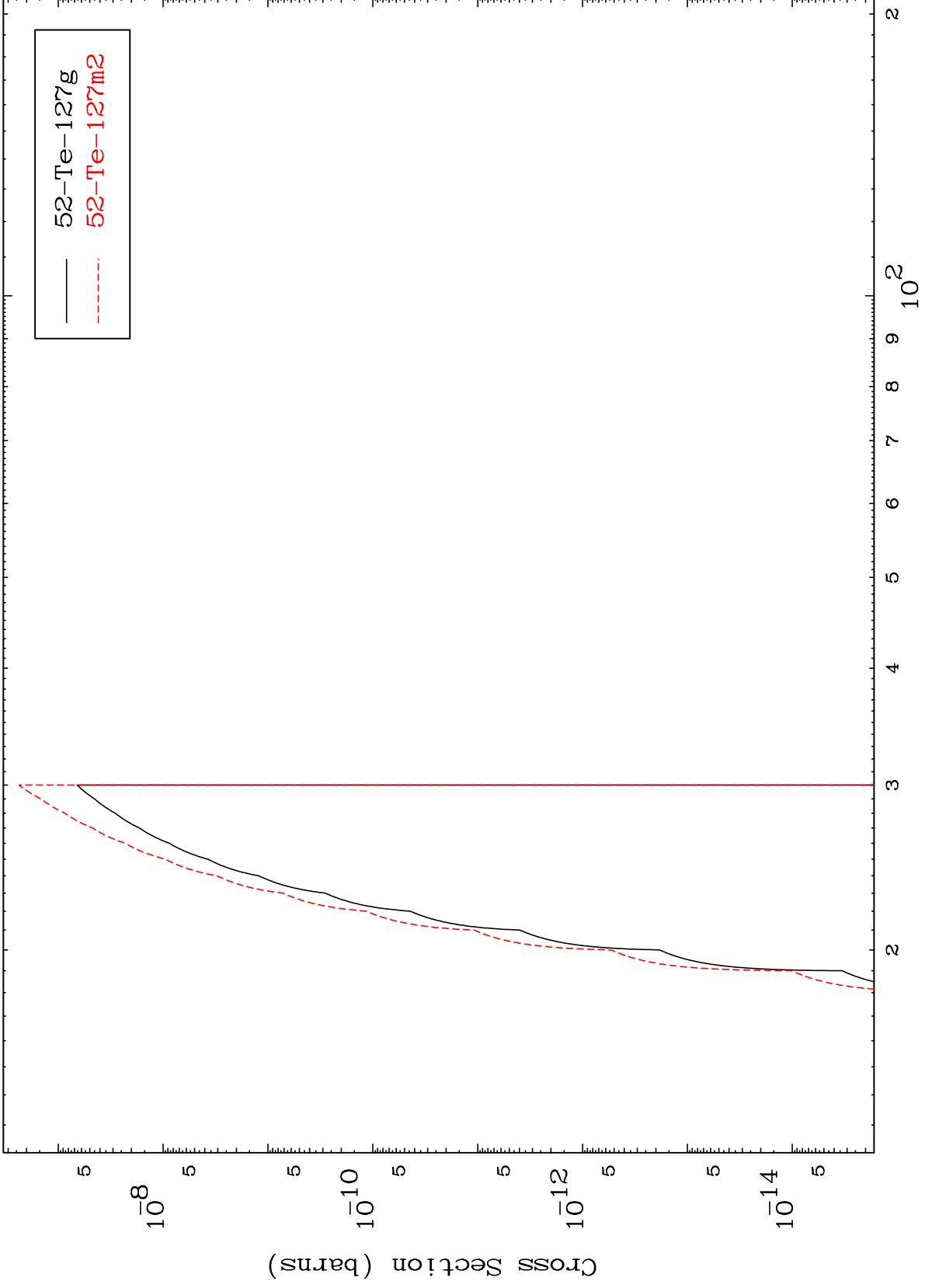


26

Incident Energy (MeV)

54-Xe-129

Radionuclide Production Cross Section

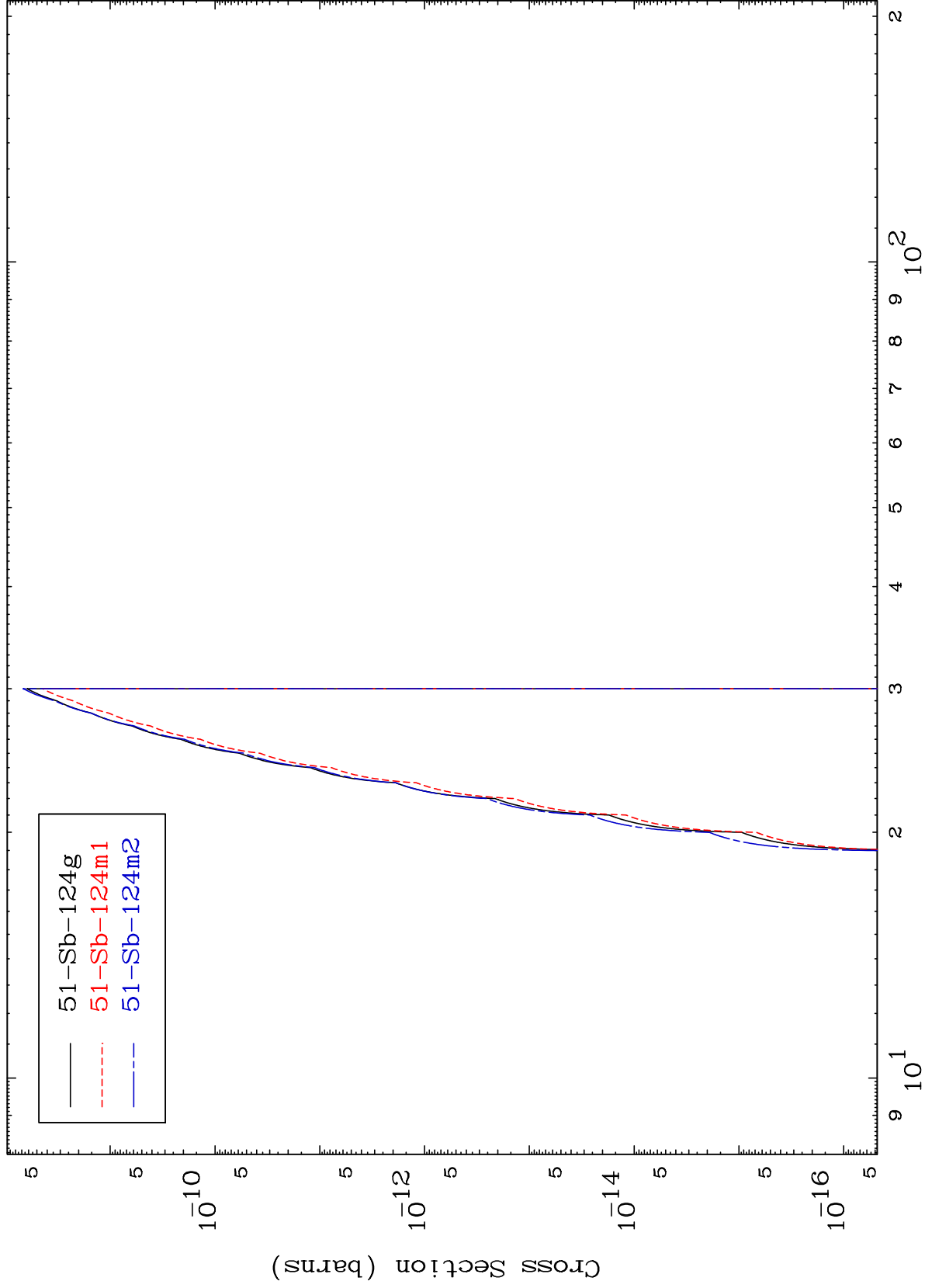


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(n,d) α

54-Xe-129

Radionuclide Production Cross Section



28

Incident Energy (MeV)

54-Xe-129