

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

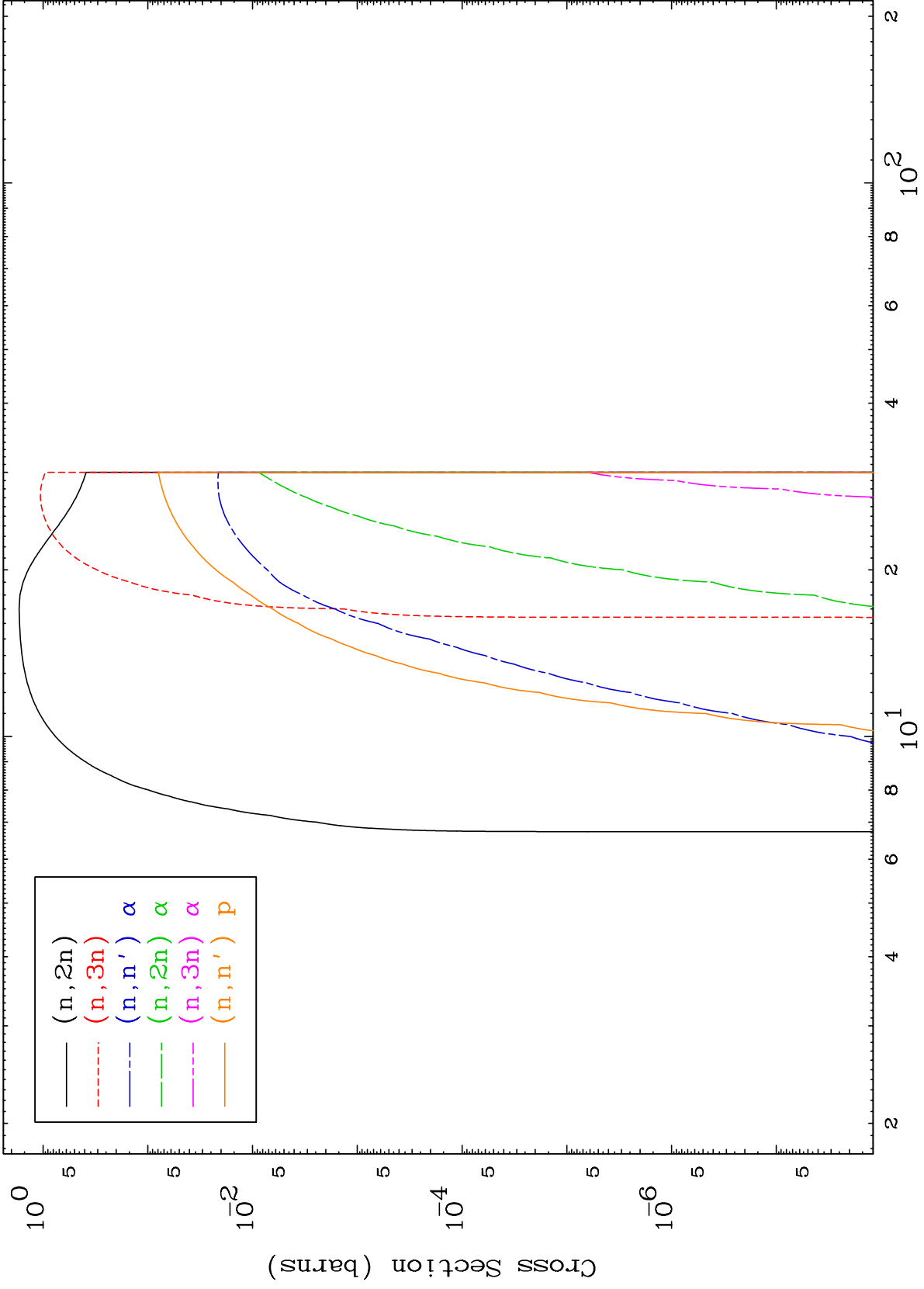
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5441

Neutron Production
293 Kelvin Cross Sections

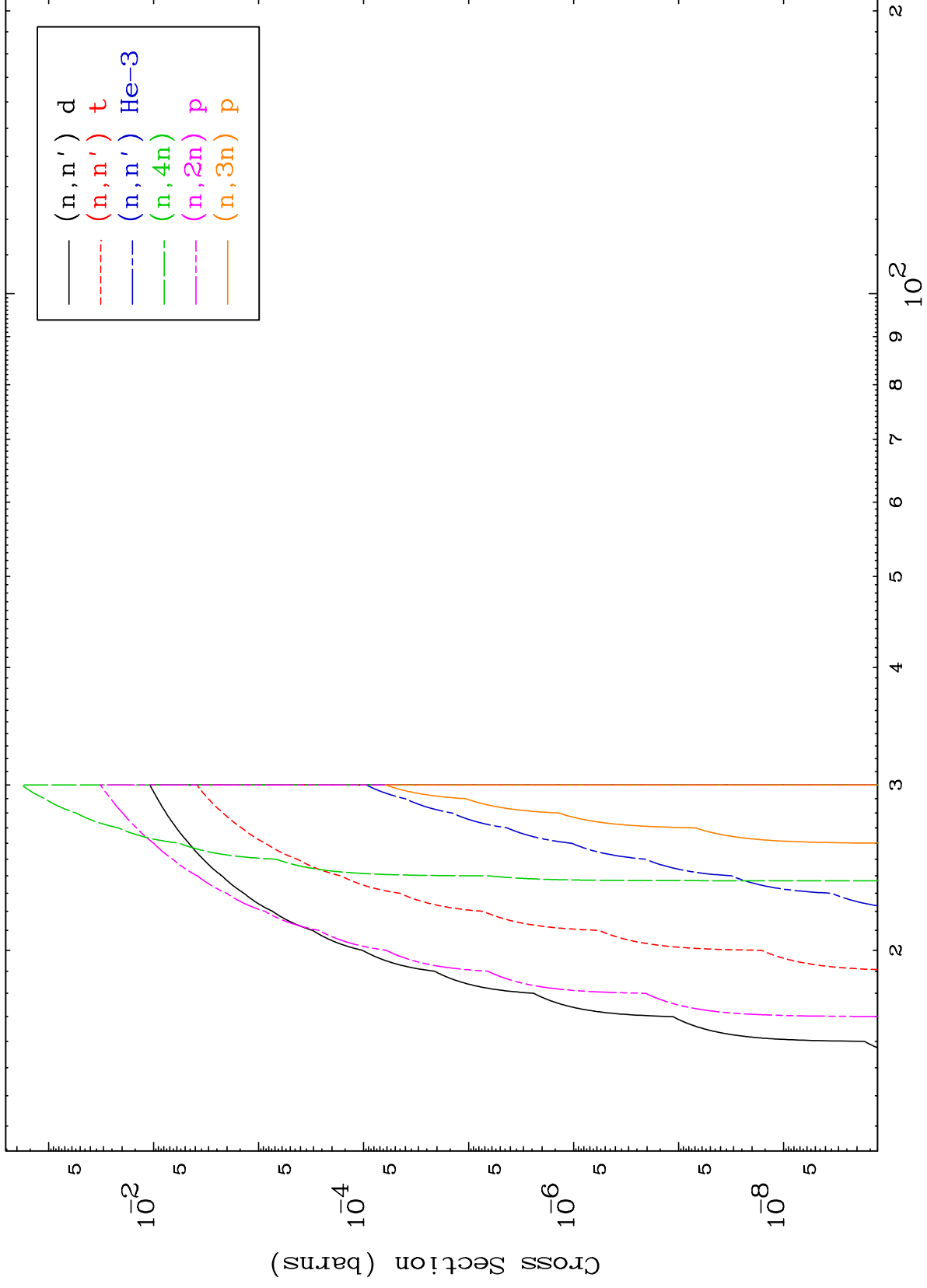
54-Xe-129



2

Incident Energy (MeV)

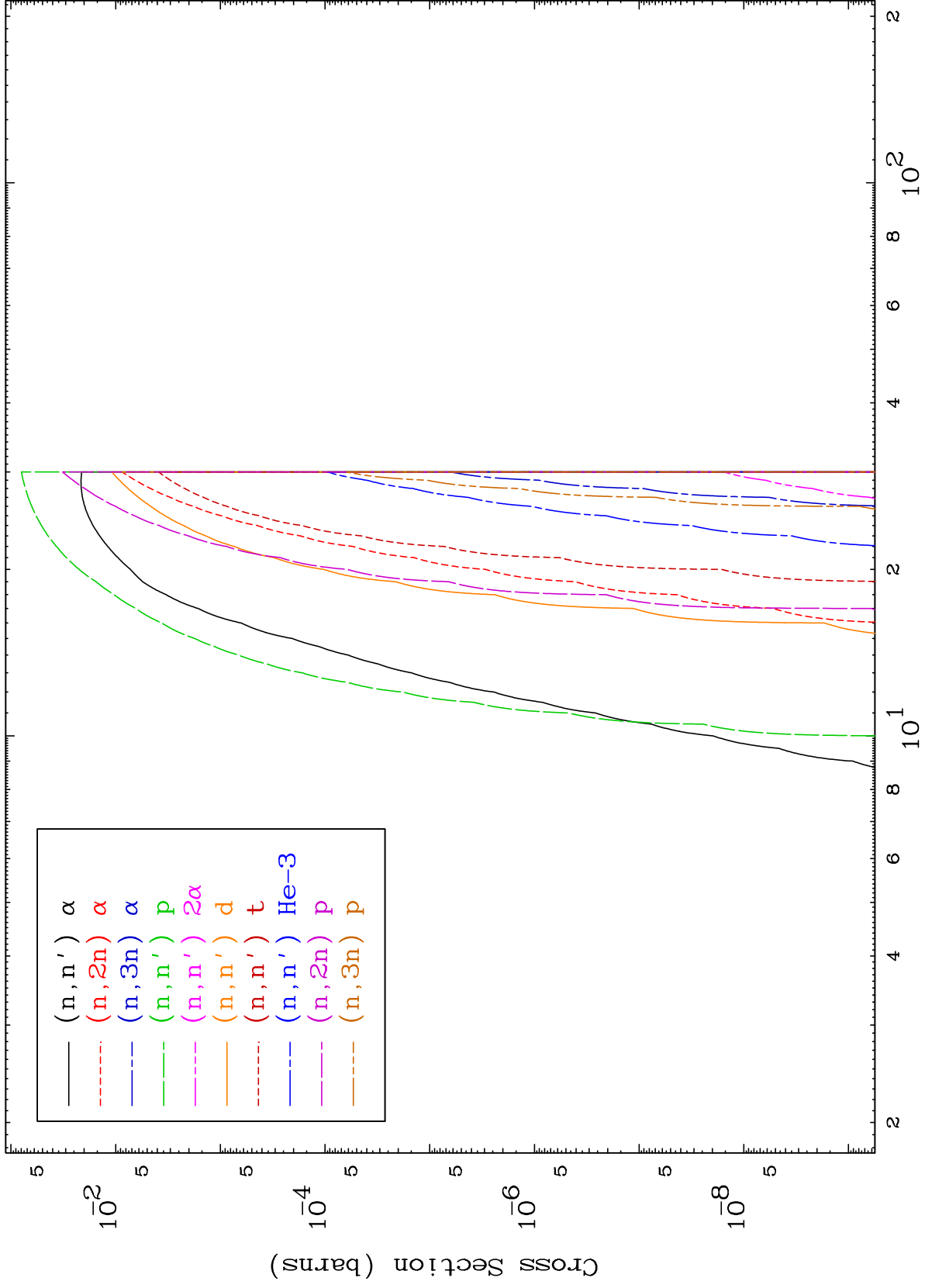
54-Xe-129



MAT 5441

Charged Particle
293 Kelvin Cross Sections

54-Xe-129



4

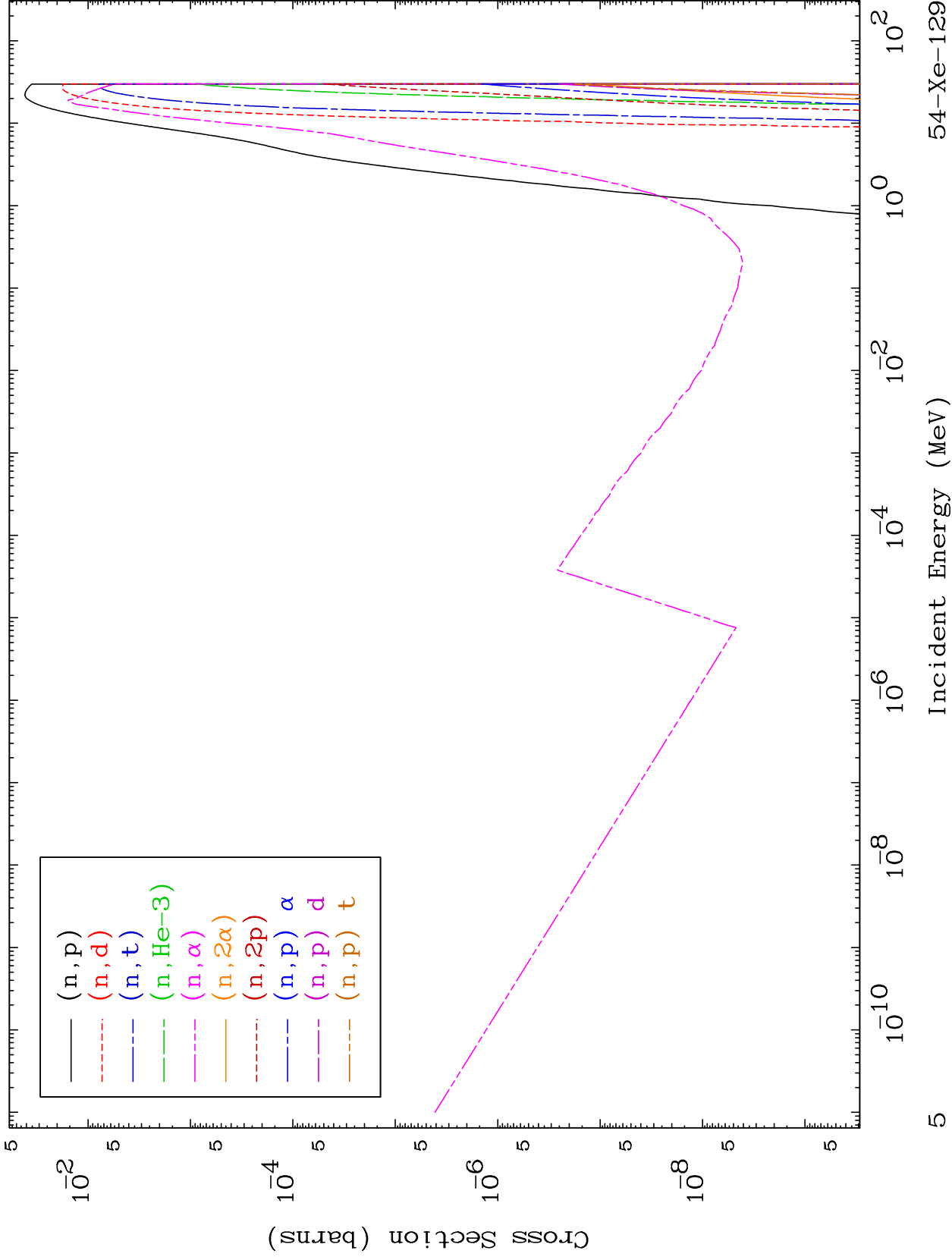
Incident Energy (MeV)

54-Xe-129

MAT 5441

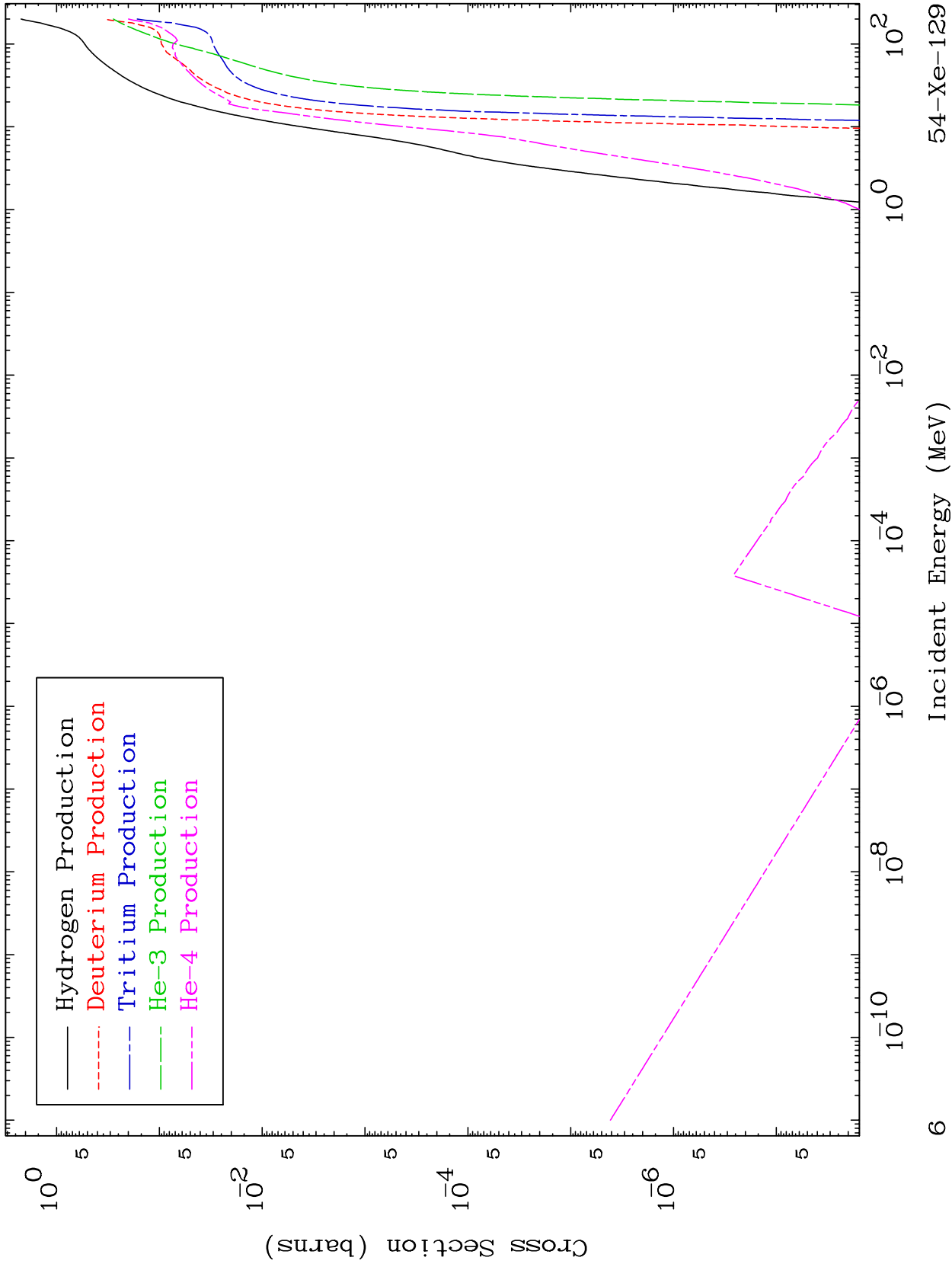
Charged Particle
293 Kelvin Cross Sections

54-Xe-129



5

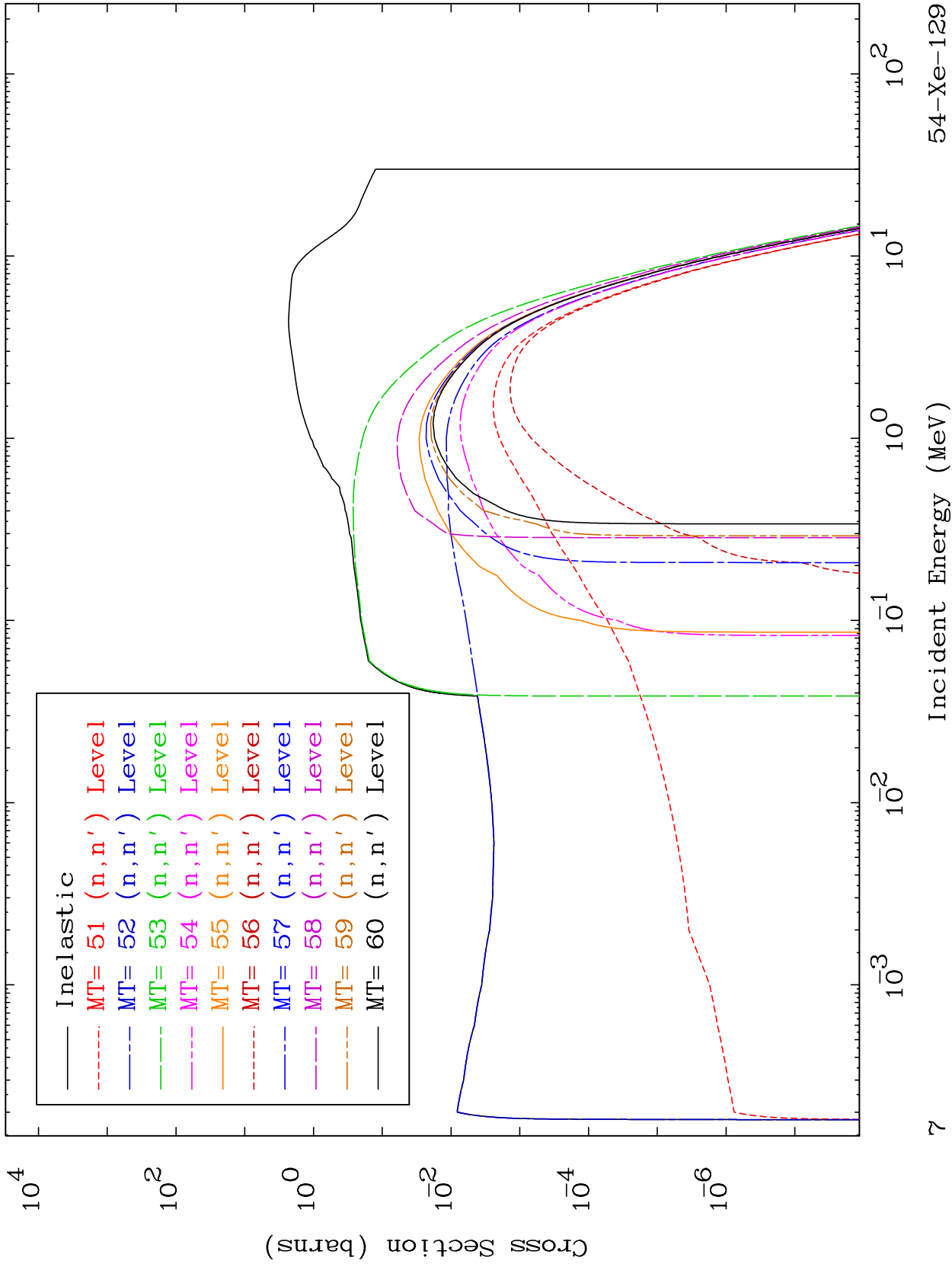
54-Xe-129



MAT 5441

(n,n') Level
293 Kelvin Cross Sections

54-Xe-129

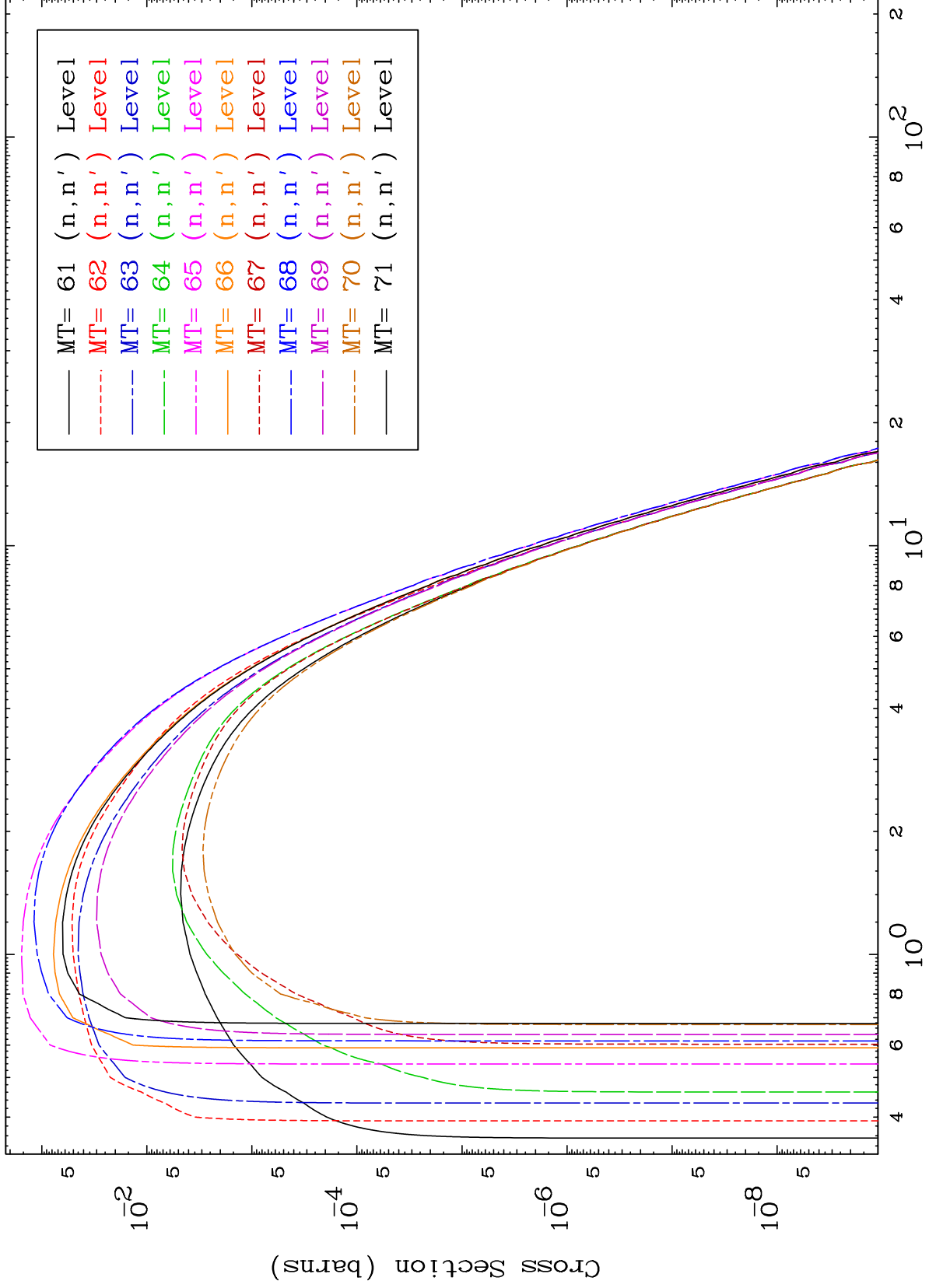


MAT 5441

(n,n') Level

54-Xe-129

293 Kelvin Cross Sections

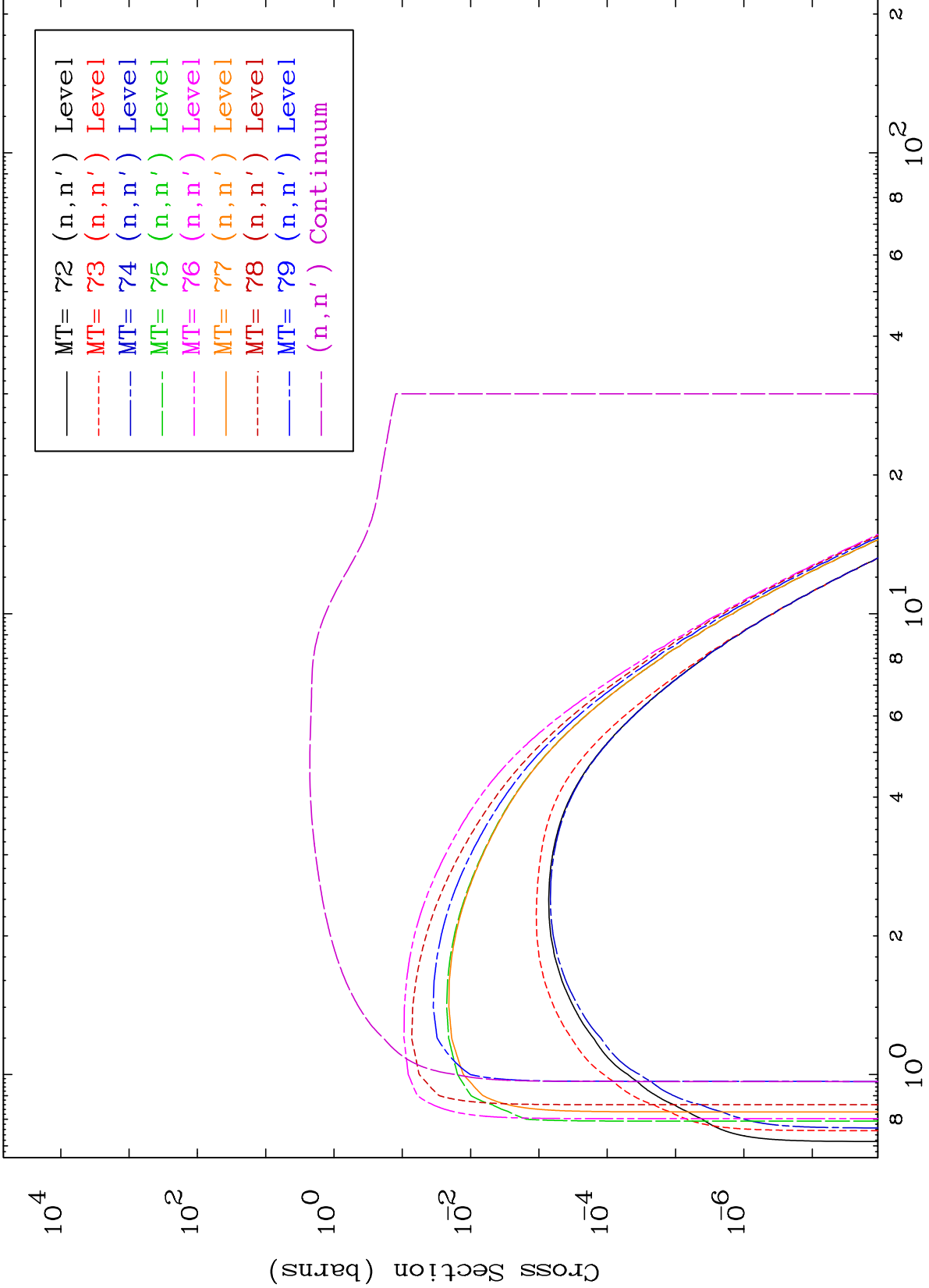


8

Incident Energy (MeV)

54-Xe-129

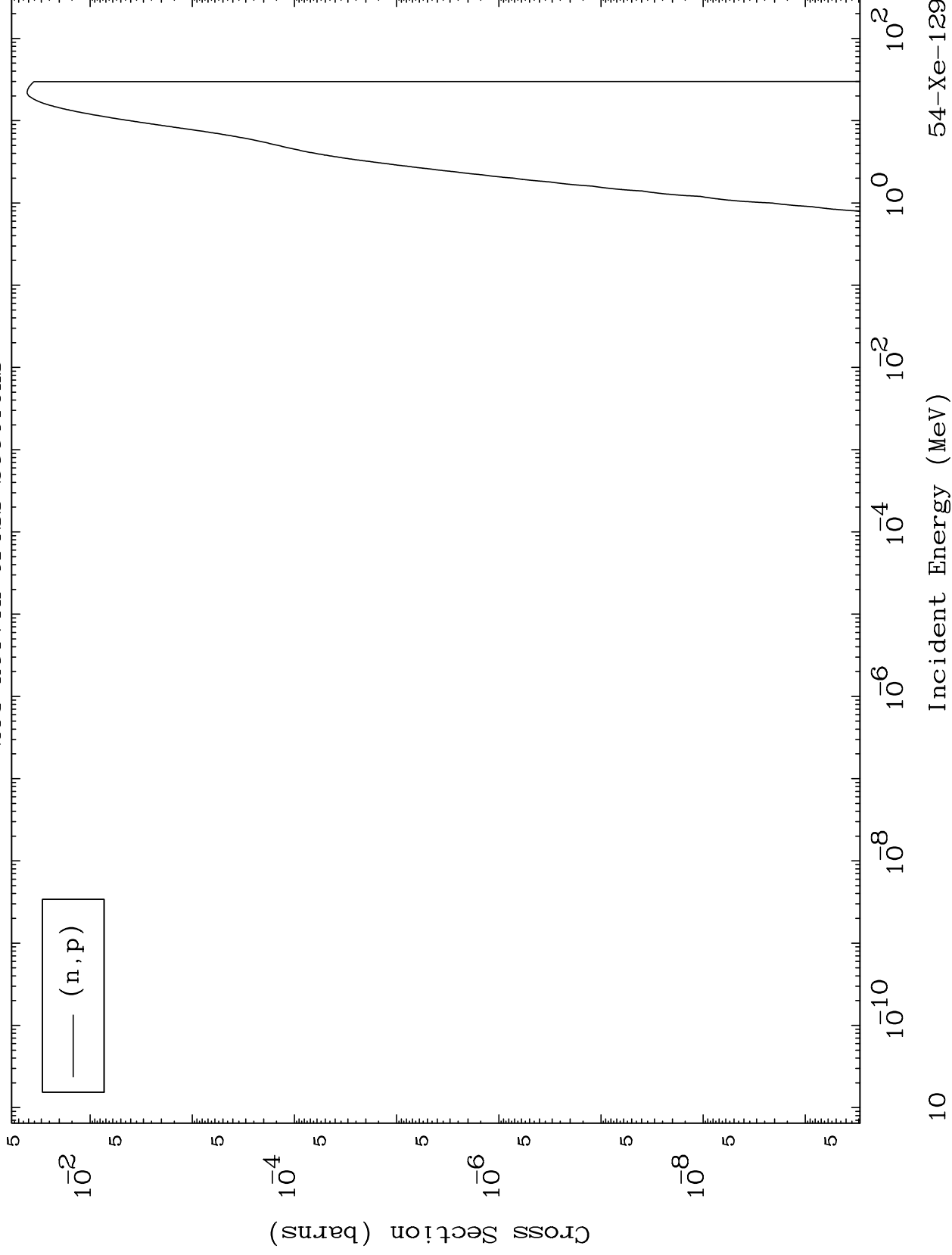
293 Kelvin Cross Sections



MAT 5441

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-129



10

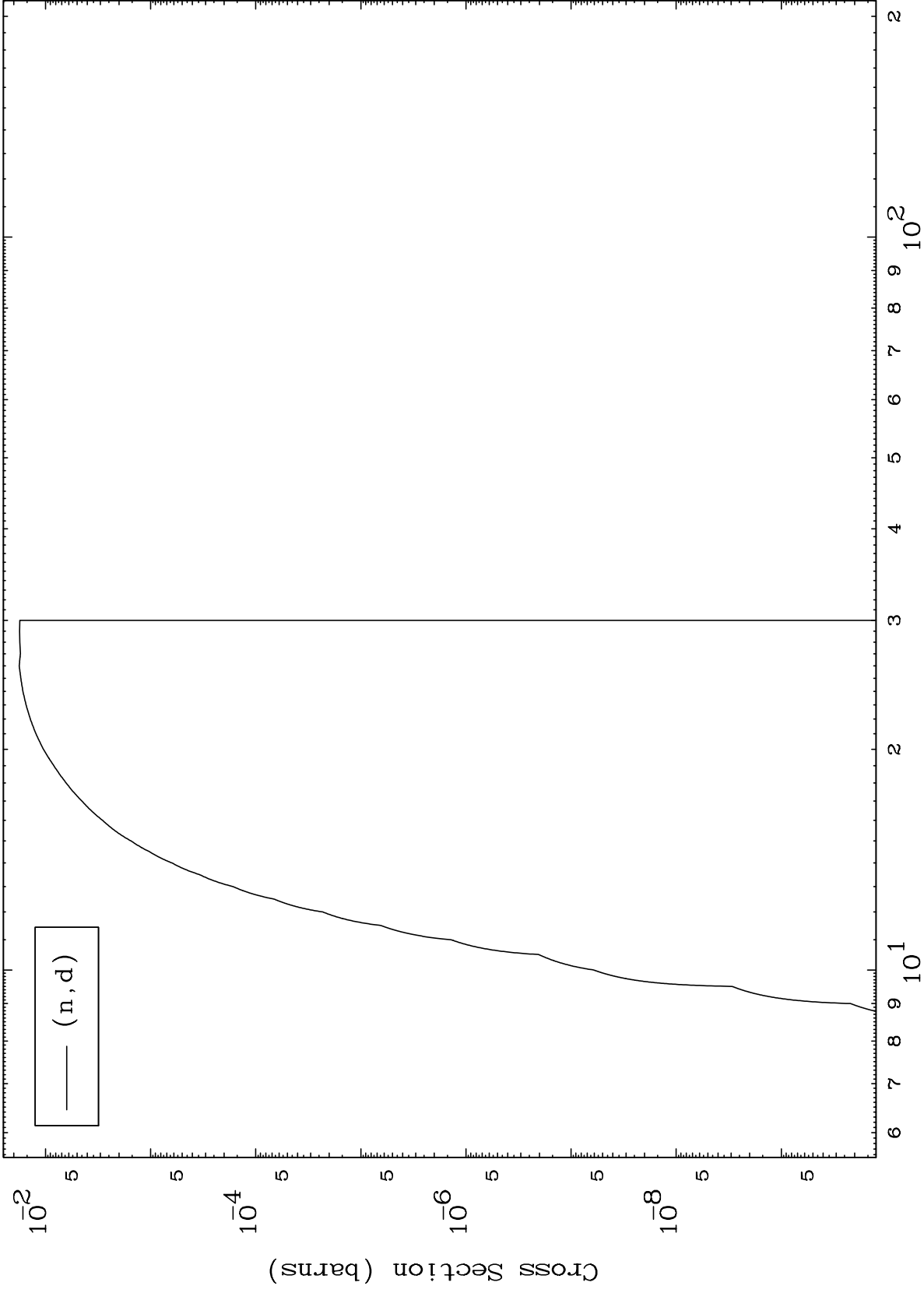
Incident Energy (MeV)

54-Xe-129

MAT 5441

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-129



11

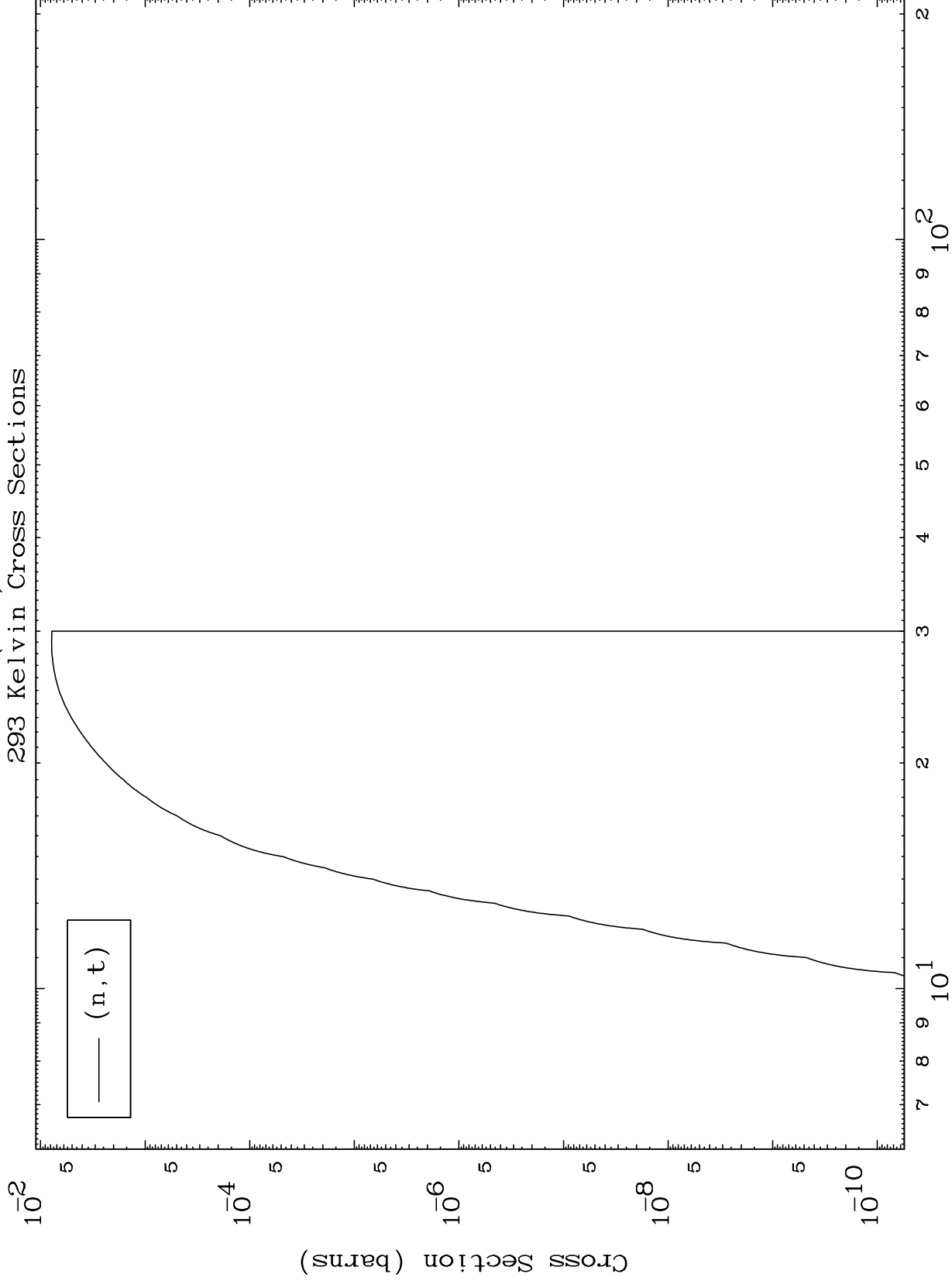
Incident Energy (MeV)

54-Xe-129

MAT 5441

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-129



12

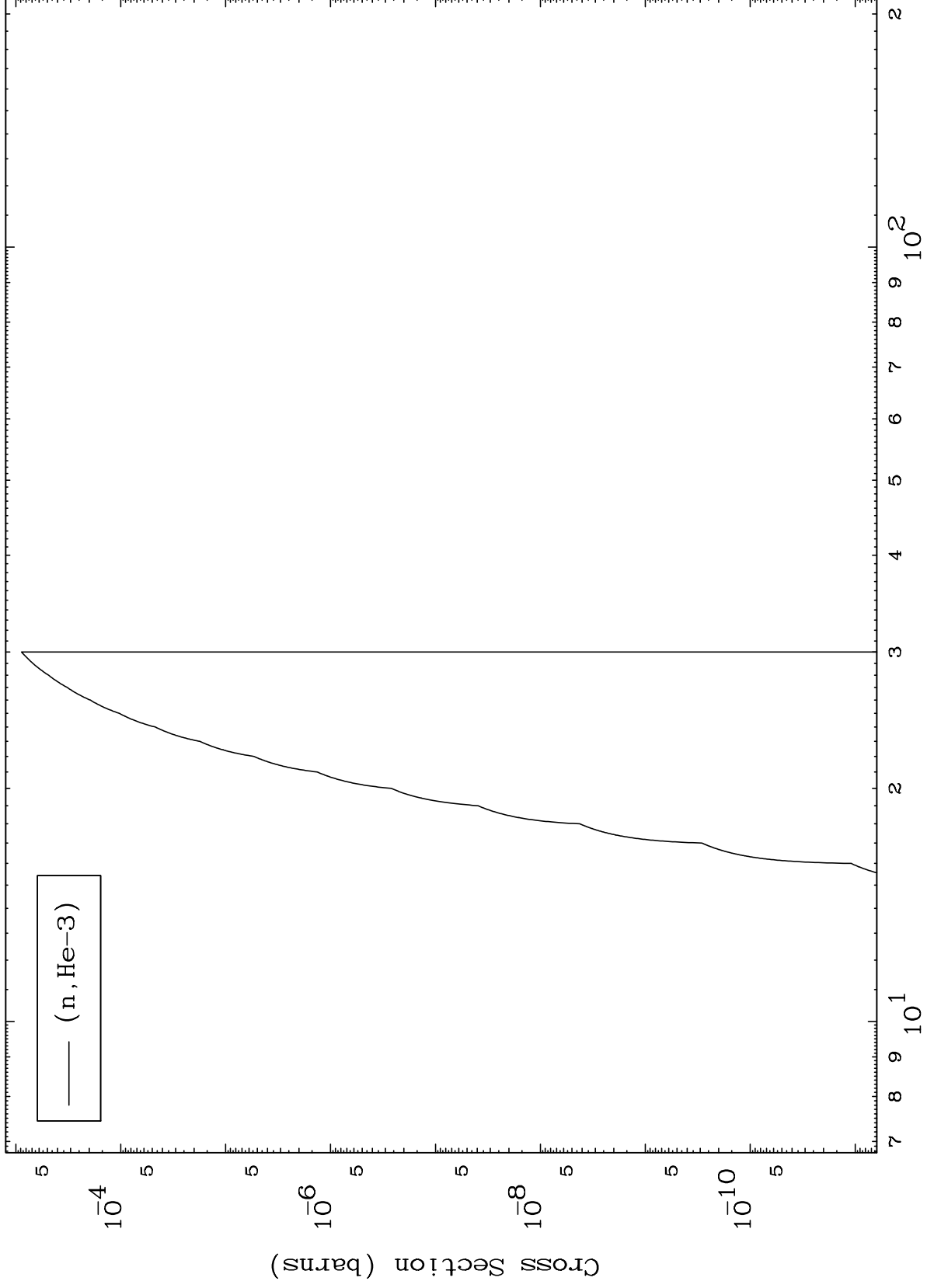
Incident Energy (MeV)

54-Xe-129

MAT 5441

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-129



13

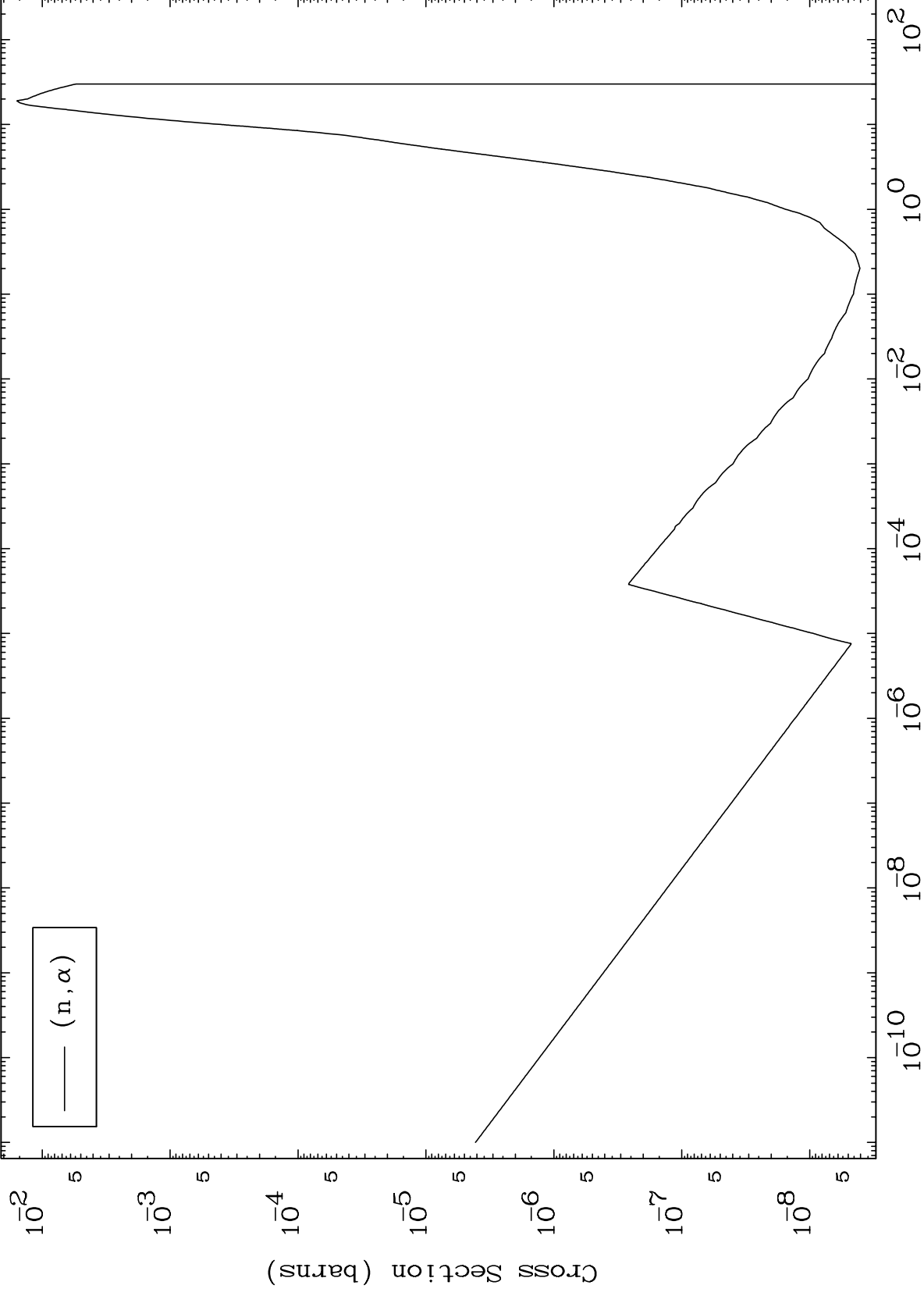
Incident Energy (MeV)

54-Xe-129

MAT 5441

(n, α) Levels
293 Kelvin Cross Sections

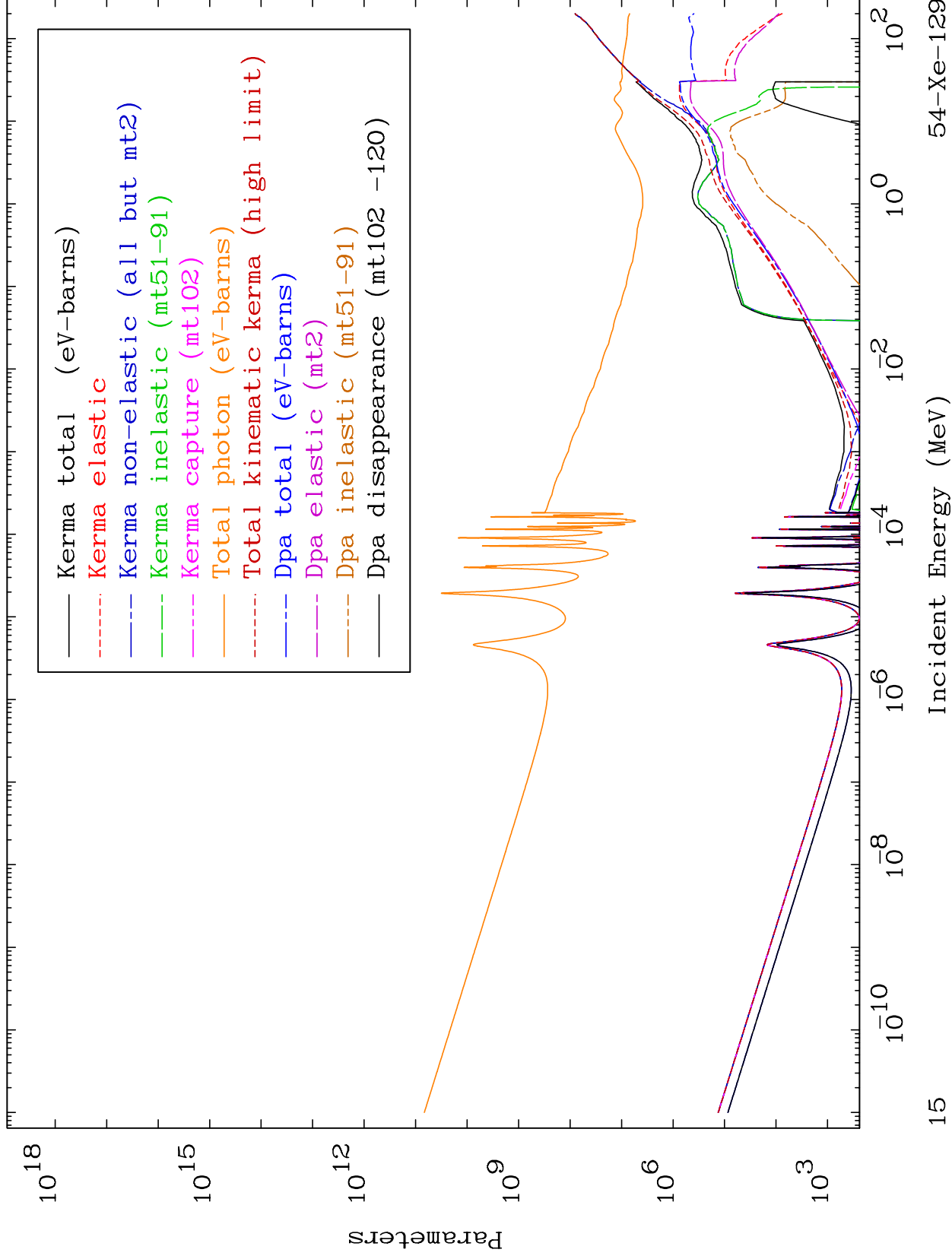
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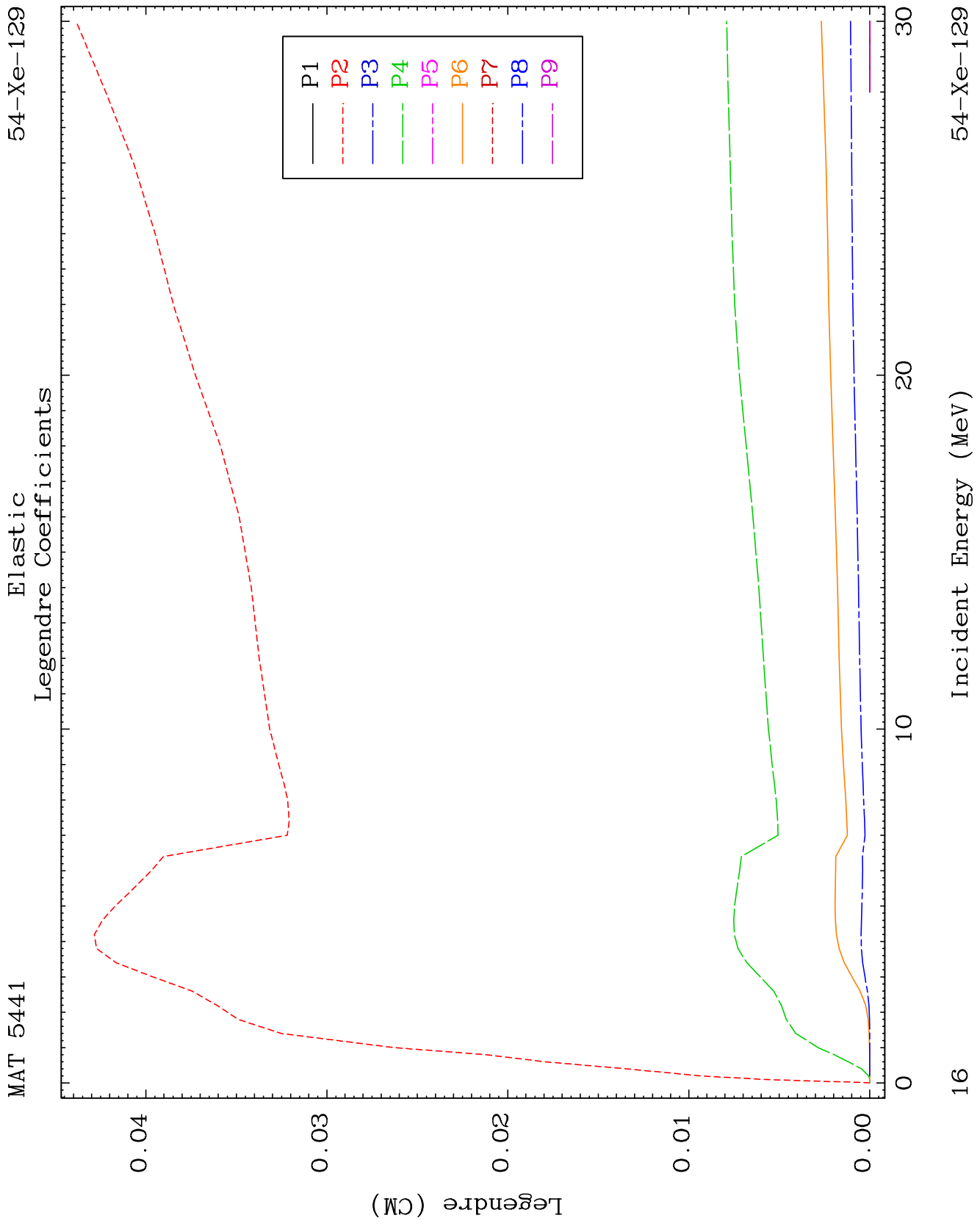


14

Incident Energy (MeV)

54-Xe-129

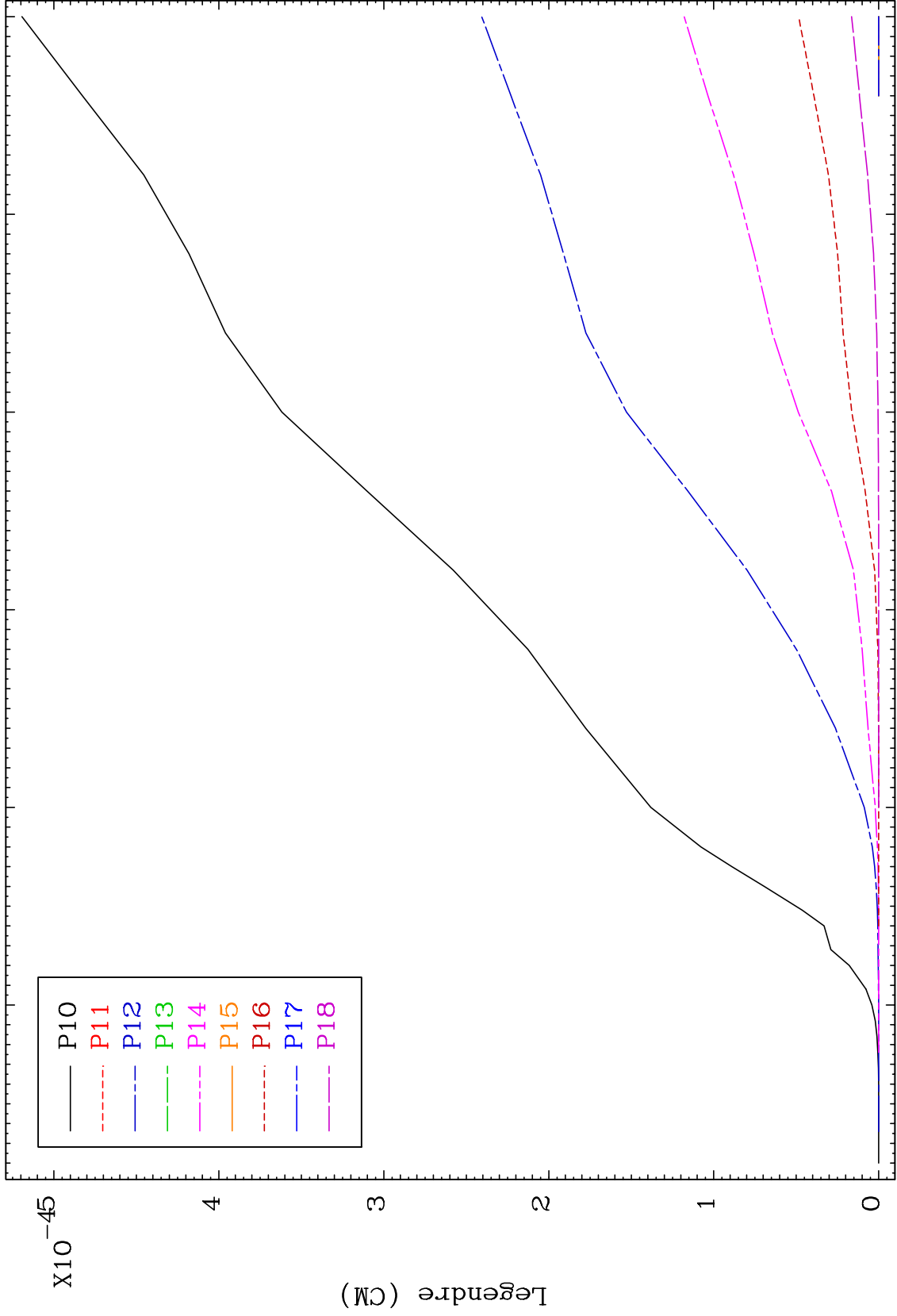




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Elastic Legendre Coefficients

54-Xe-129



17

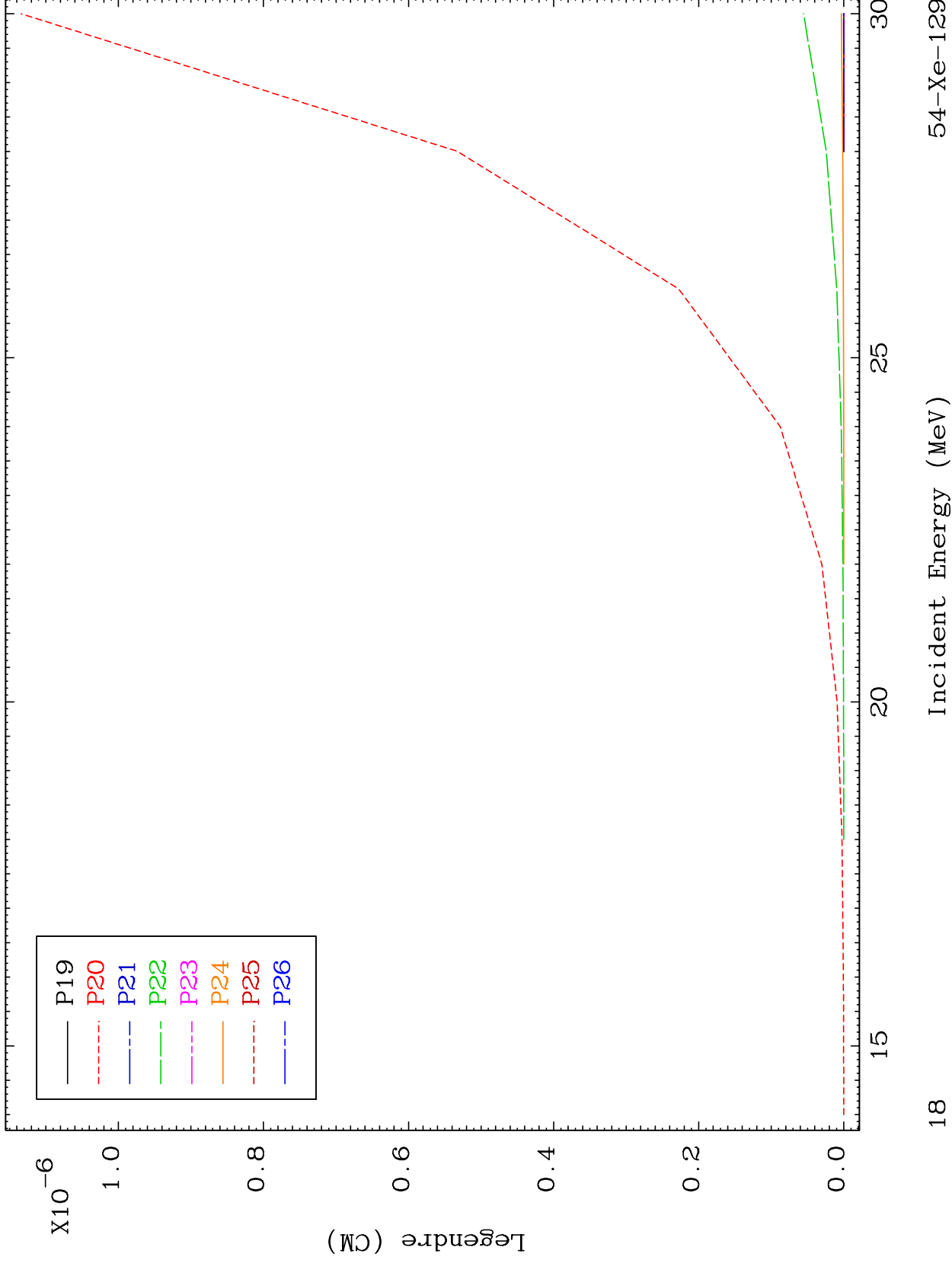
Incident Energy (MeV)

54-Xe-129

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Elastic
Legendre Coefficients

54-Xe-129



18

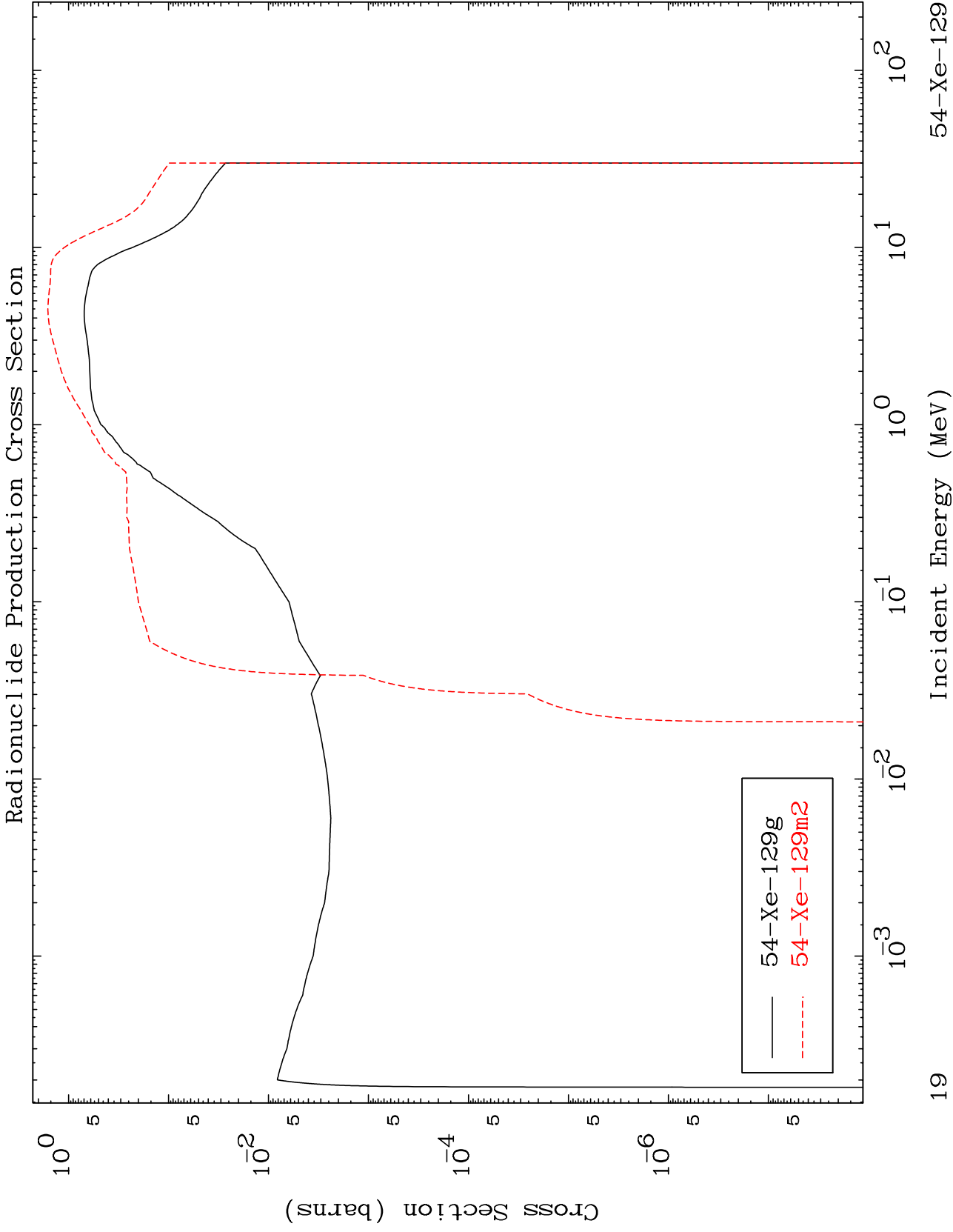
Incident Energy (MeV)

54-Xe-129

MAT 5441

54-Xe-129

Inelastic
Radionuclide Production Cross Section

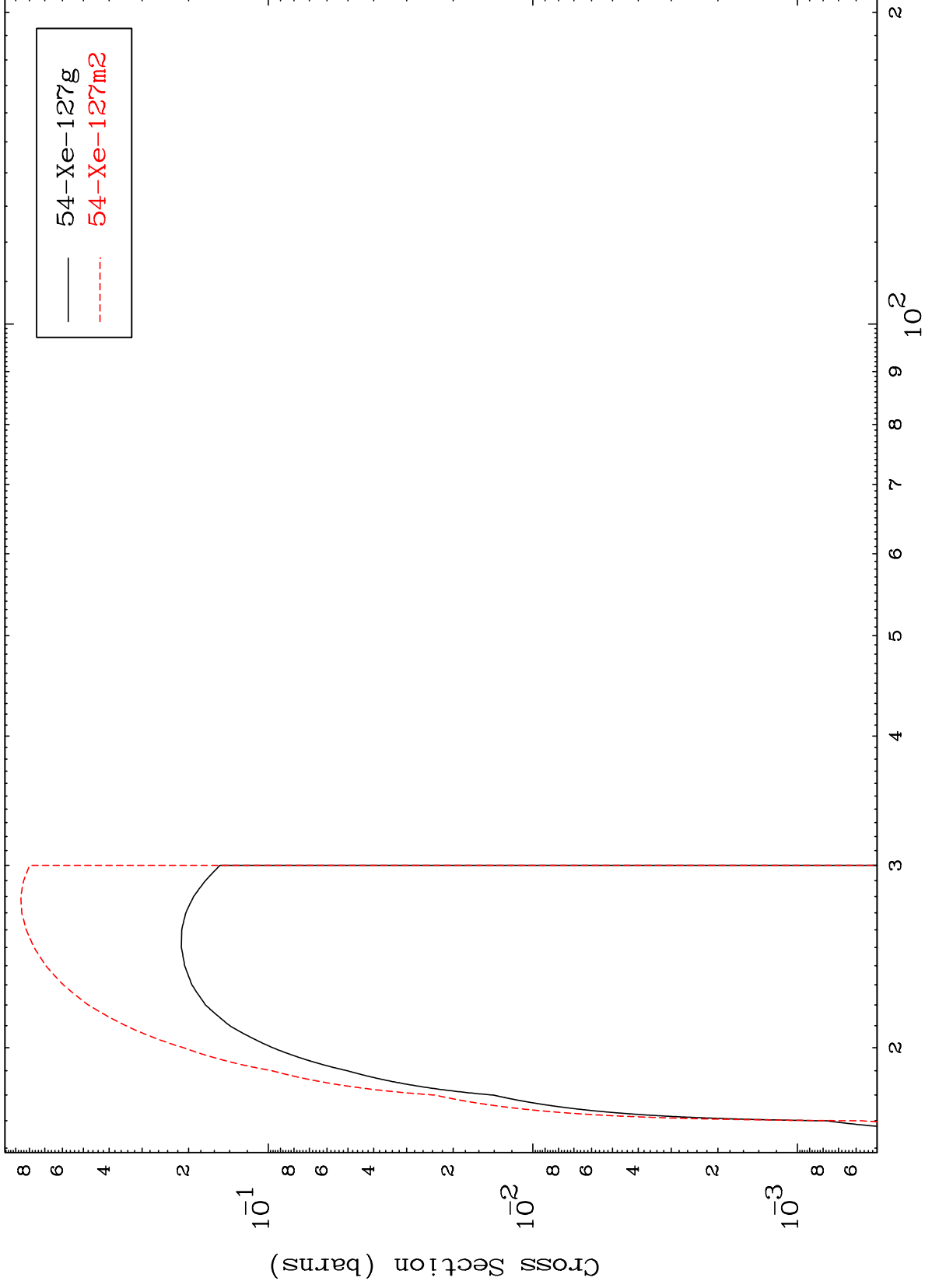


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(n,3n)

54-Xe-129

Radionuclide Production Cross Section



20

Incident Energy (MeV)

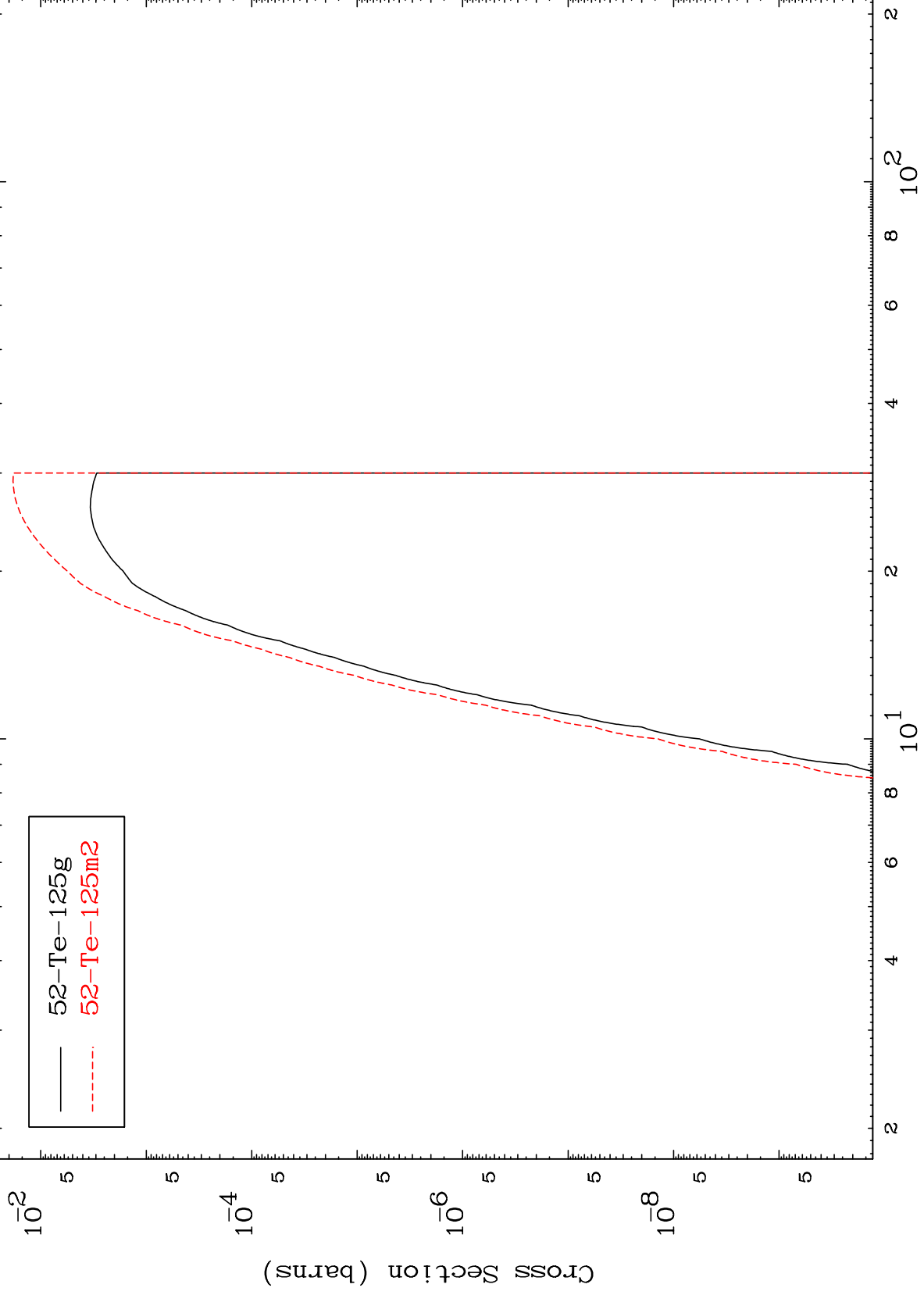
54-Xe-129

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54-Xe-129

(n,n') α

Radionuclide Production Cross Section



21

Incident Energy (MeV)

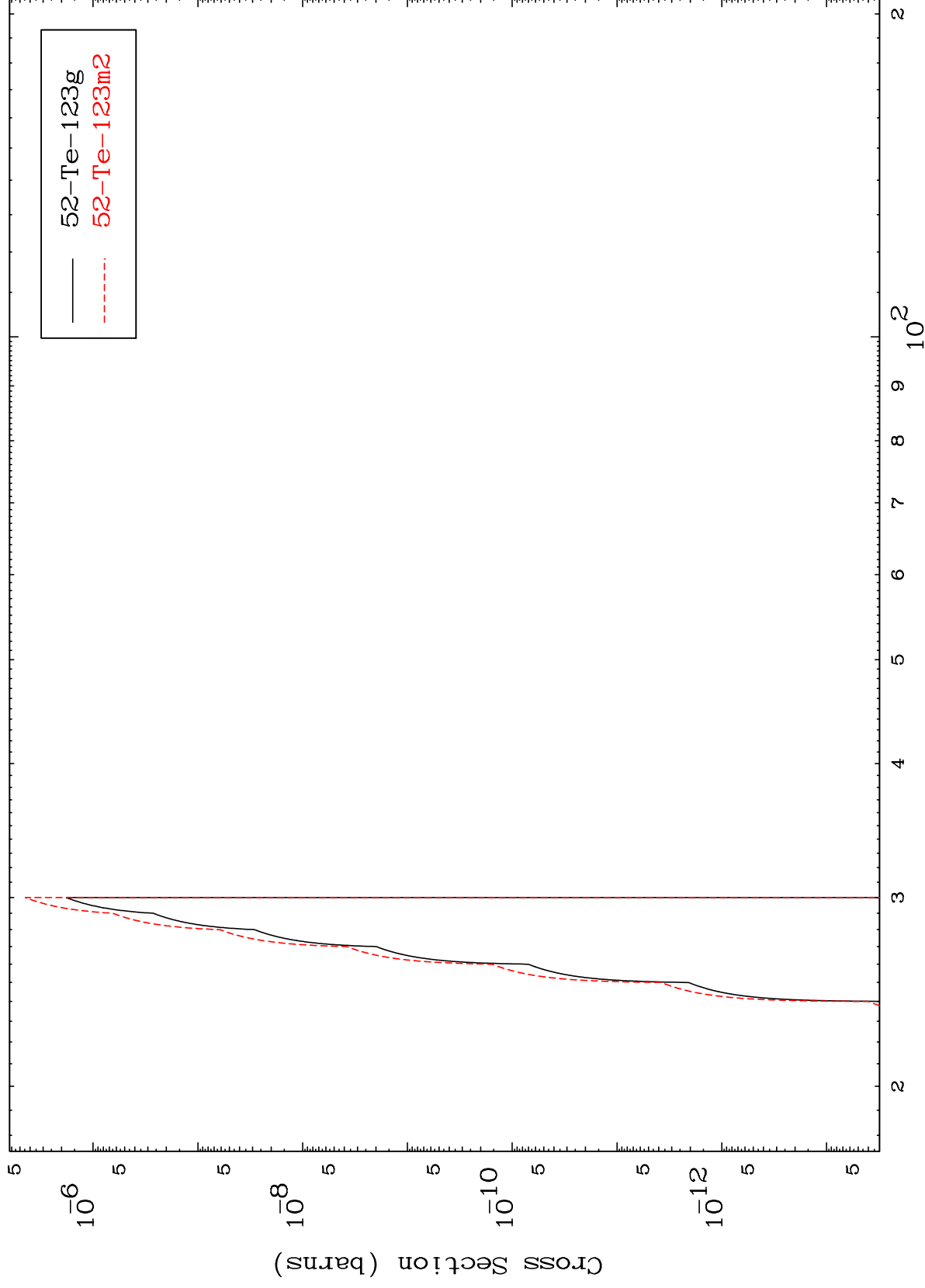
54-Xe-129

MAT 5441

54-Xe-129

(n,3n) α

Radionuclide Production Cross Section



22

Incident Energy (MeV)

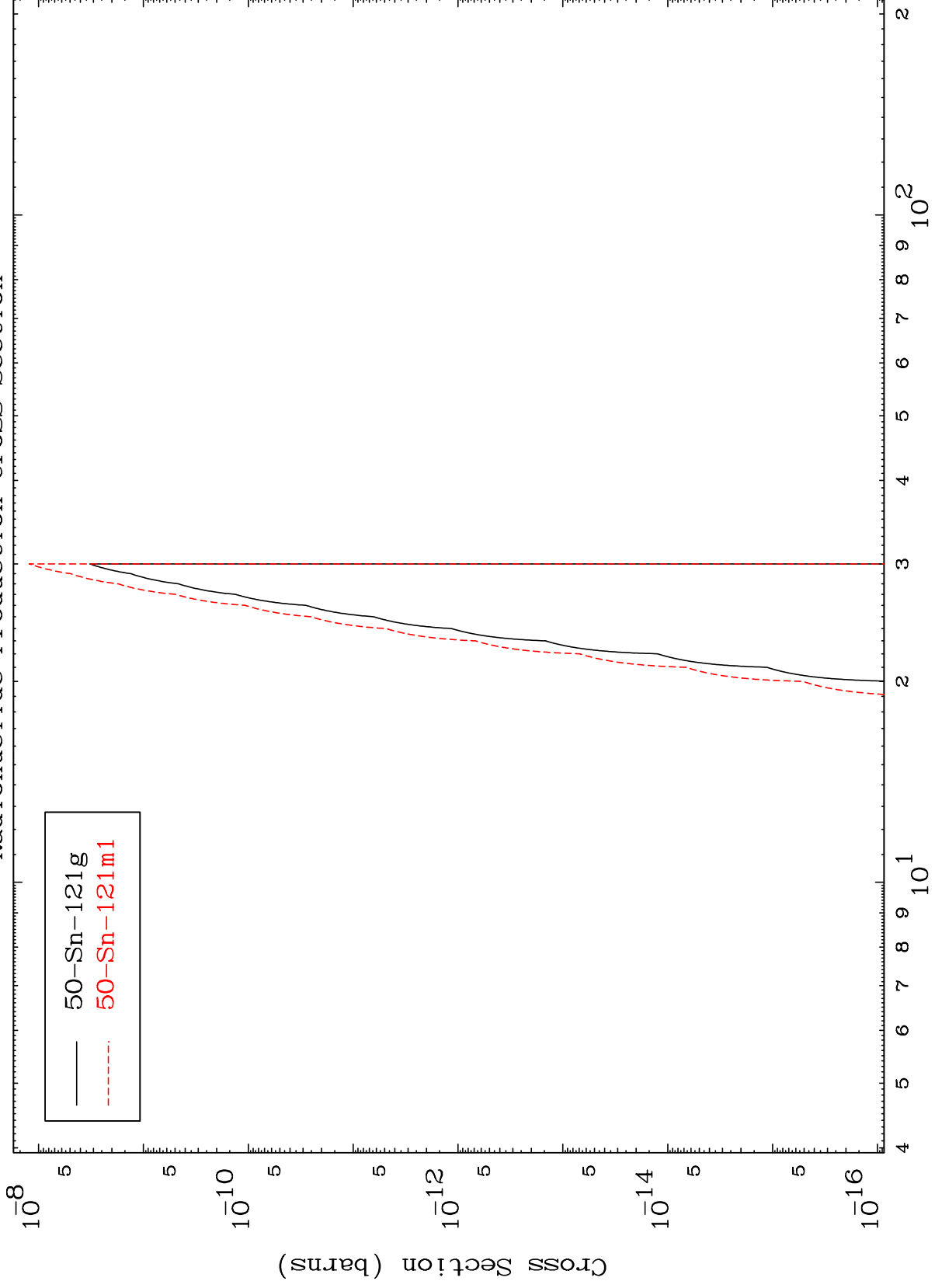
54-Xe-129

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(n,n') 2α

54-Xe-129

Radionuclide Production Cross Section



23

Incident Energy (MeV)

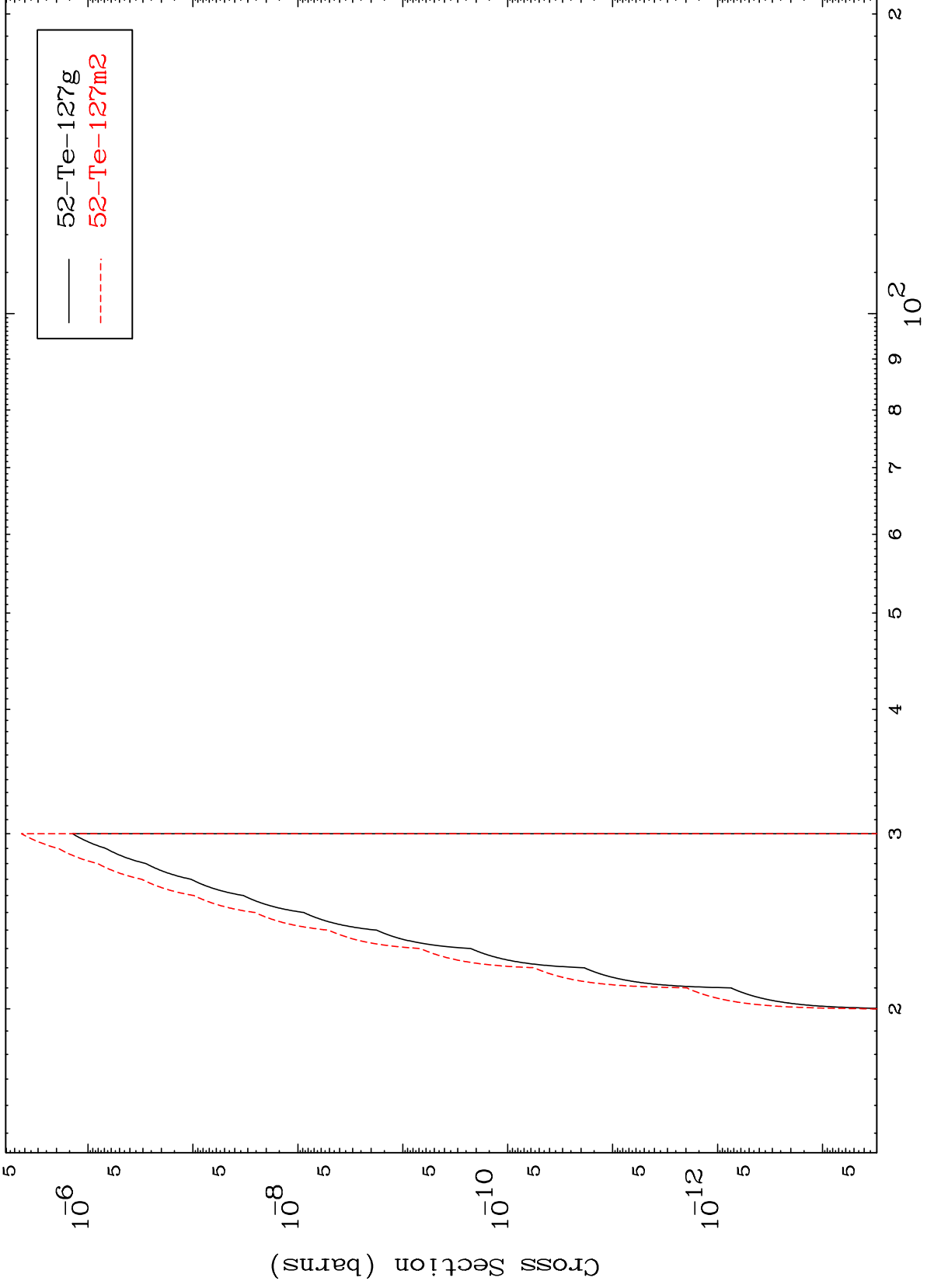
54-Xe-129

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(n,2n) p

54-Xe-129

Radionuclide Production Cross Section



24

Incident Energy (MeV)

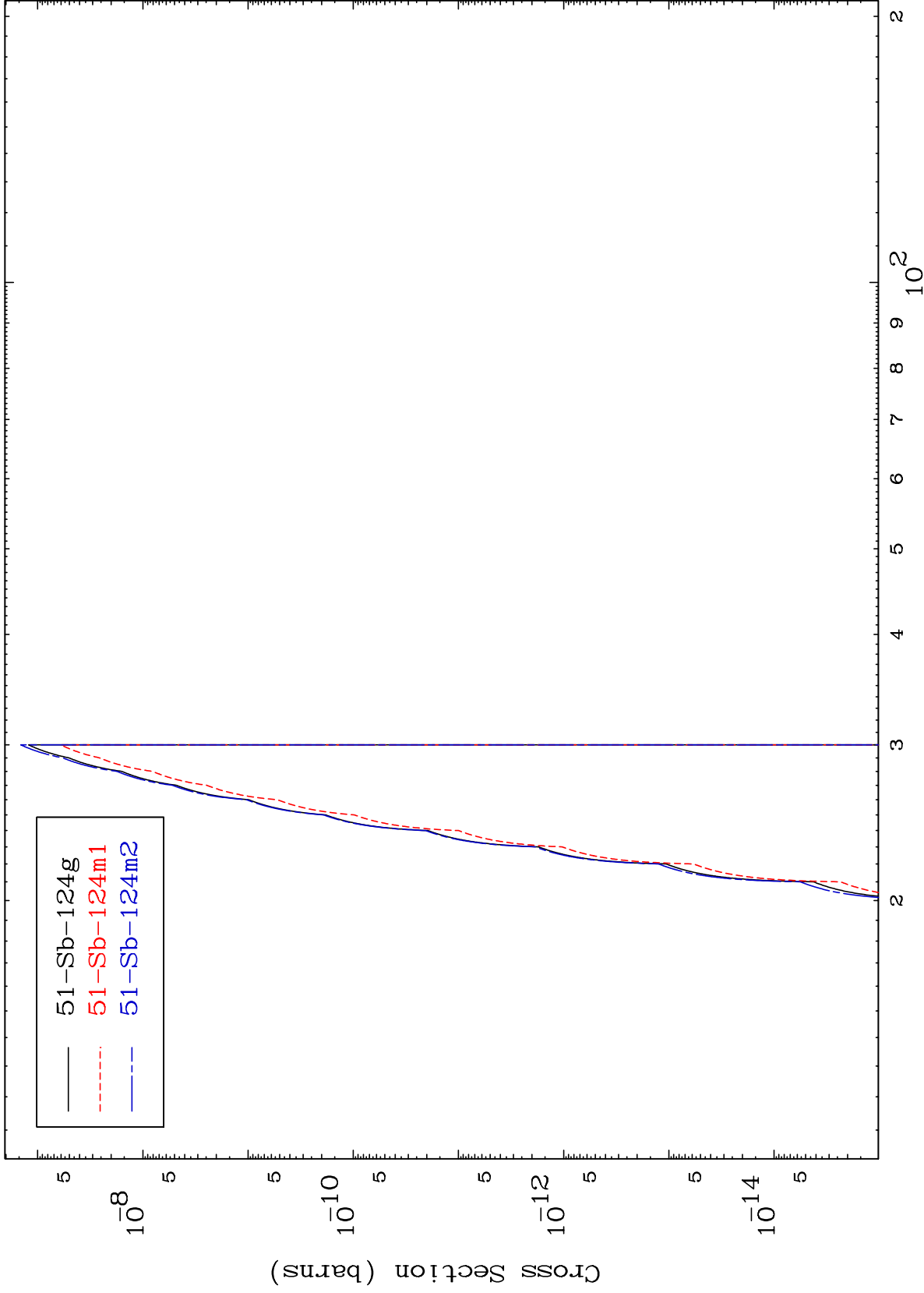
54-Xe-129

MAT 5441

(n,n') p α

54-Xe-129

Radionuclide Production Cross Section



25

Incident Energy (MeV)

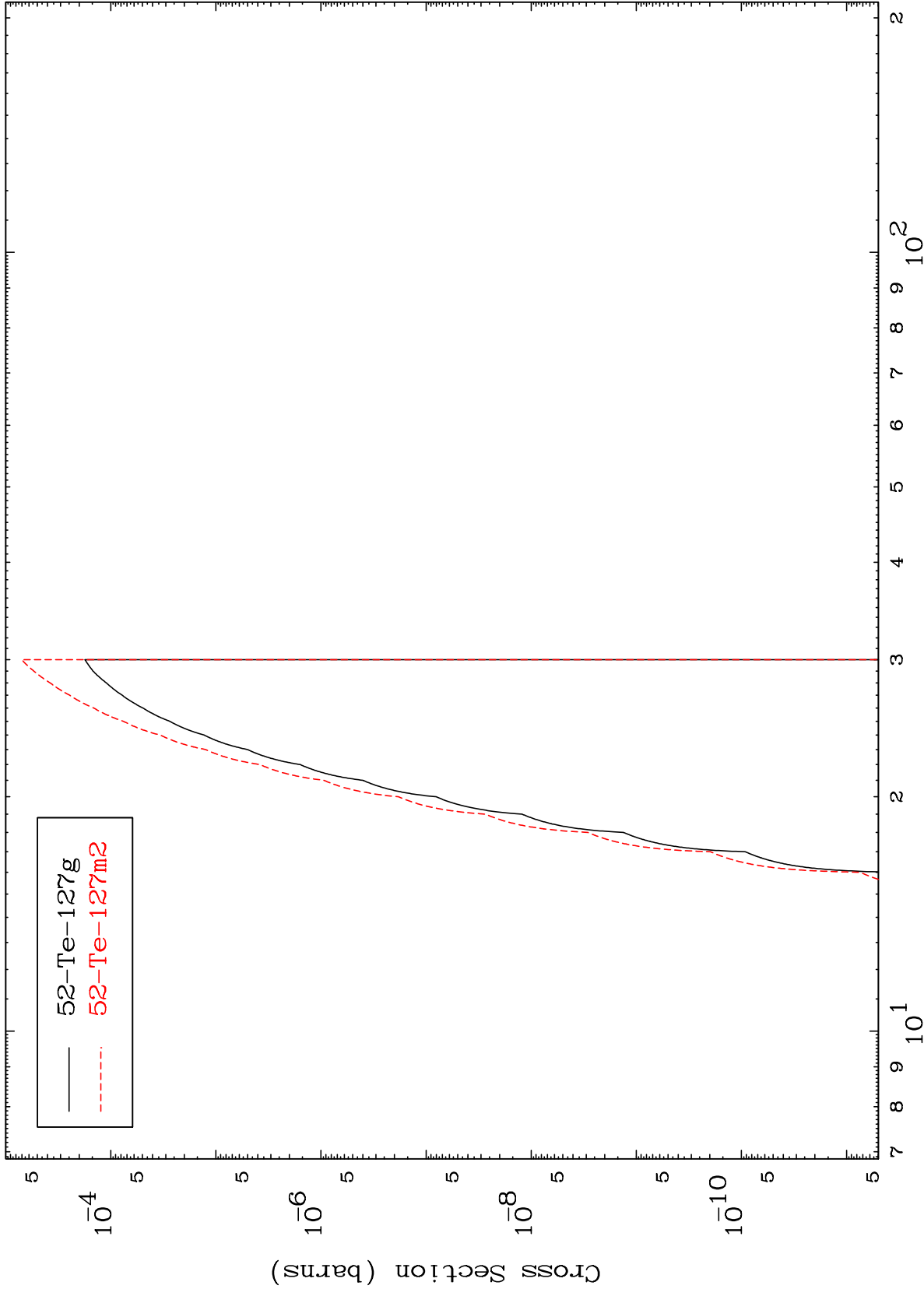
54-Xe-129

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(n,He-3)

54-Xe-129

Radionuclide Production Cross Section

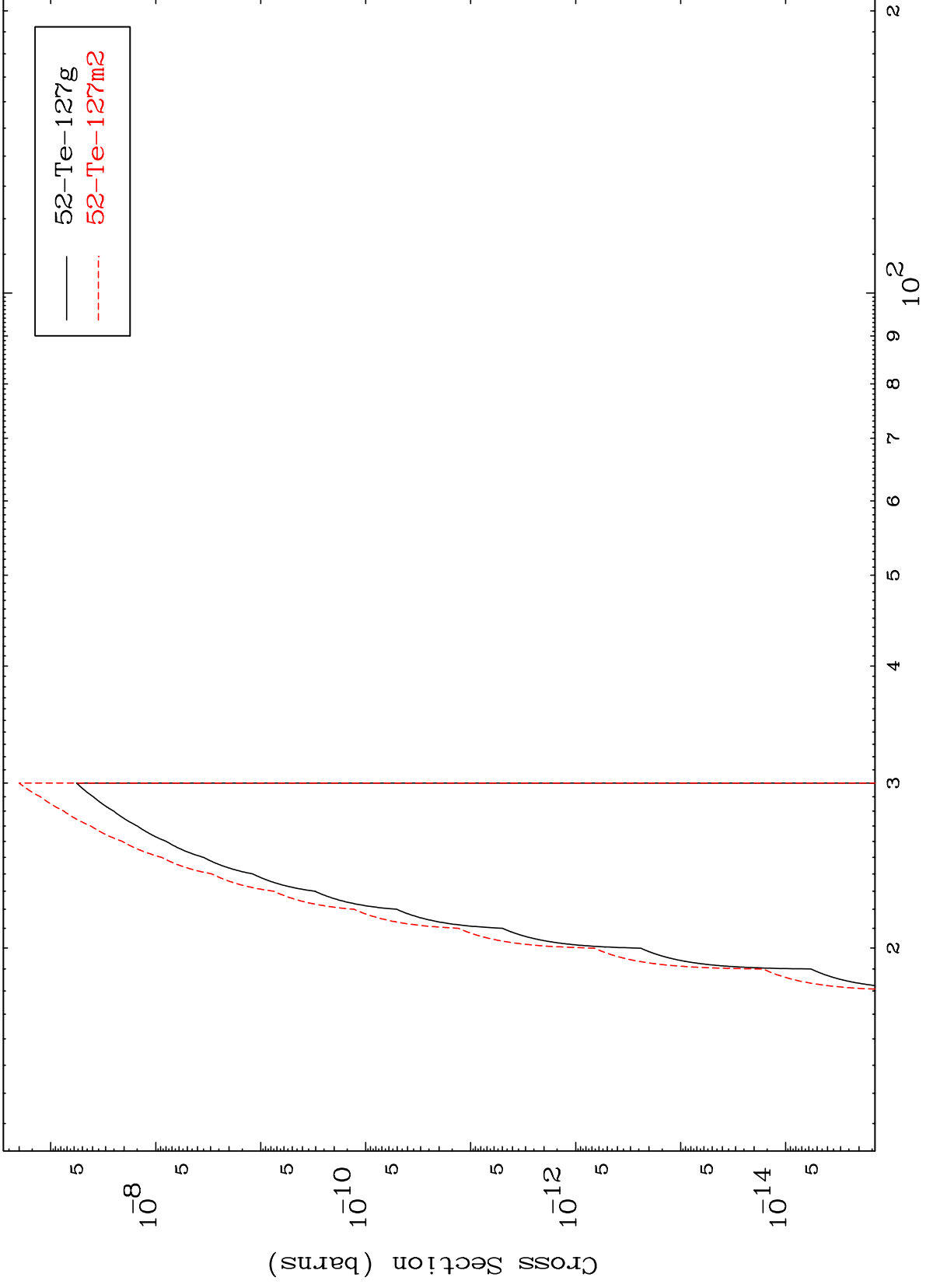


26

Incident Energy (MeV)

54-Xe-129

Radionuclide Production Cross Section

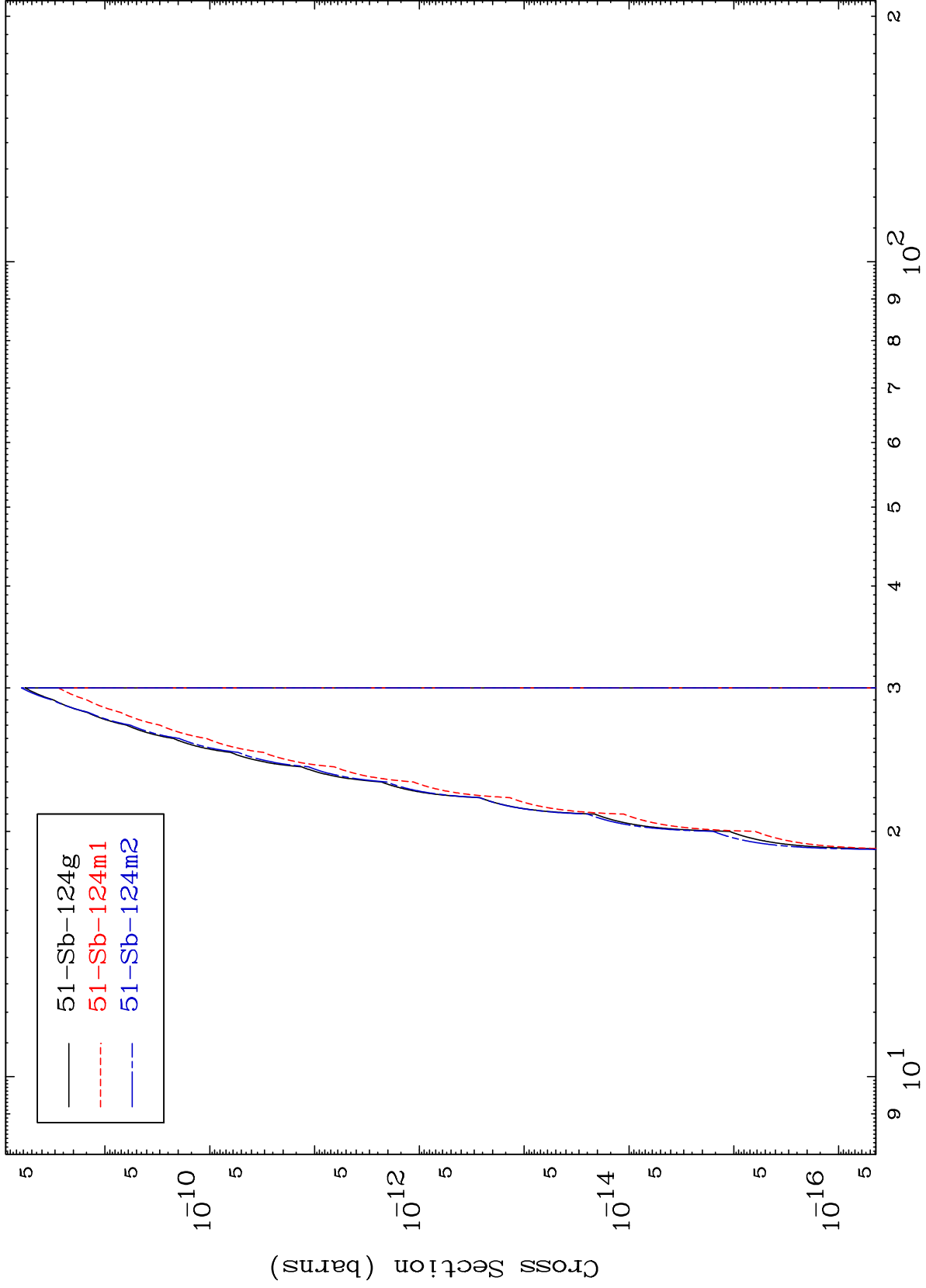


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(n,d) α

54-Xe-129

Radionuclide Production Cross Section



28

Incident Energy (MeV)

54-Xe-129