

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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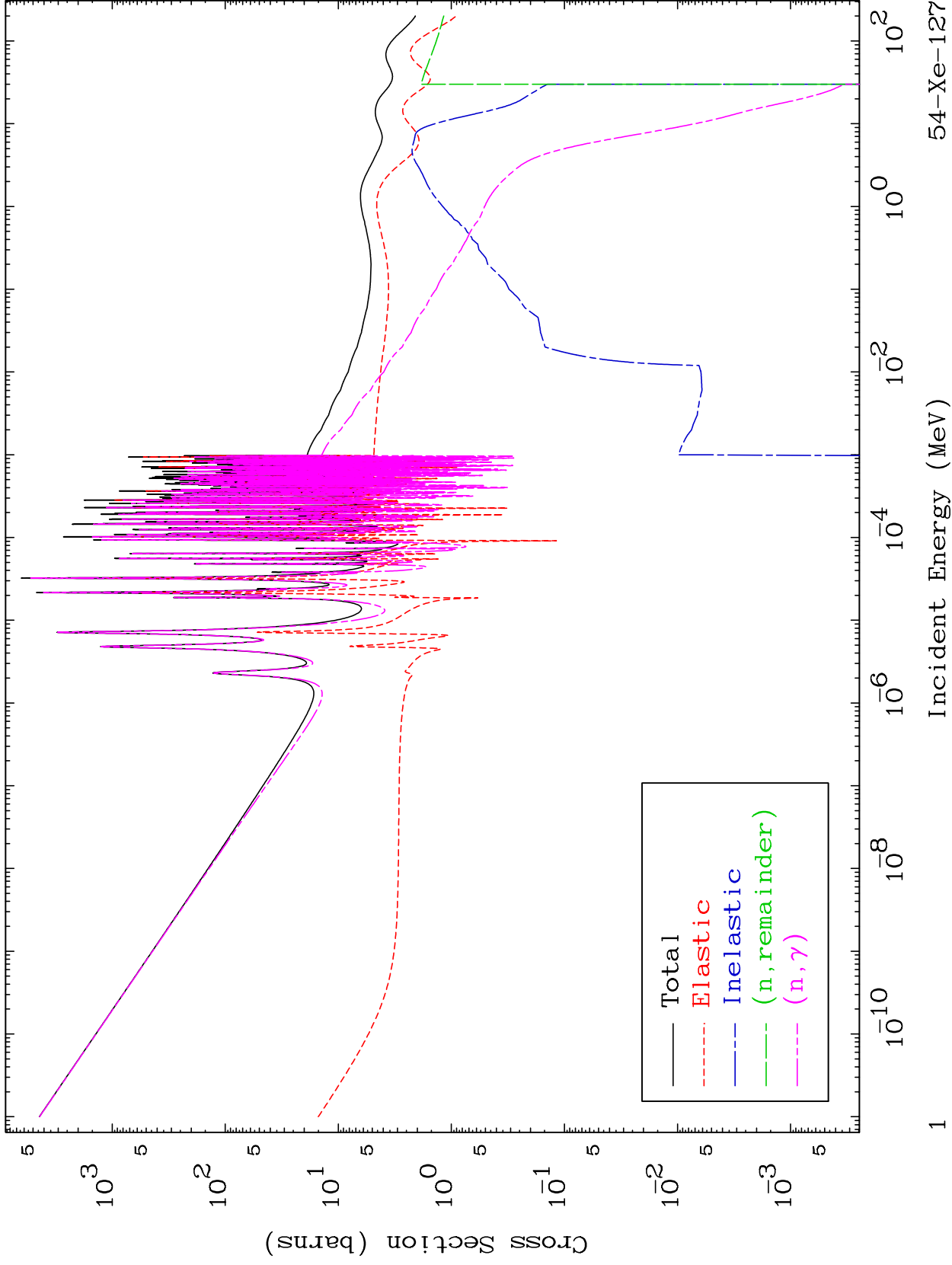
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5435

Major
293 Kelvin Cross Sections

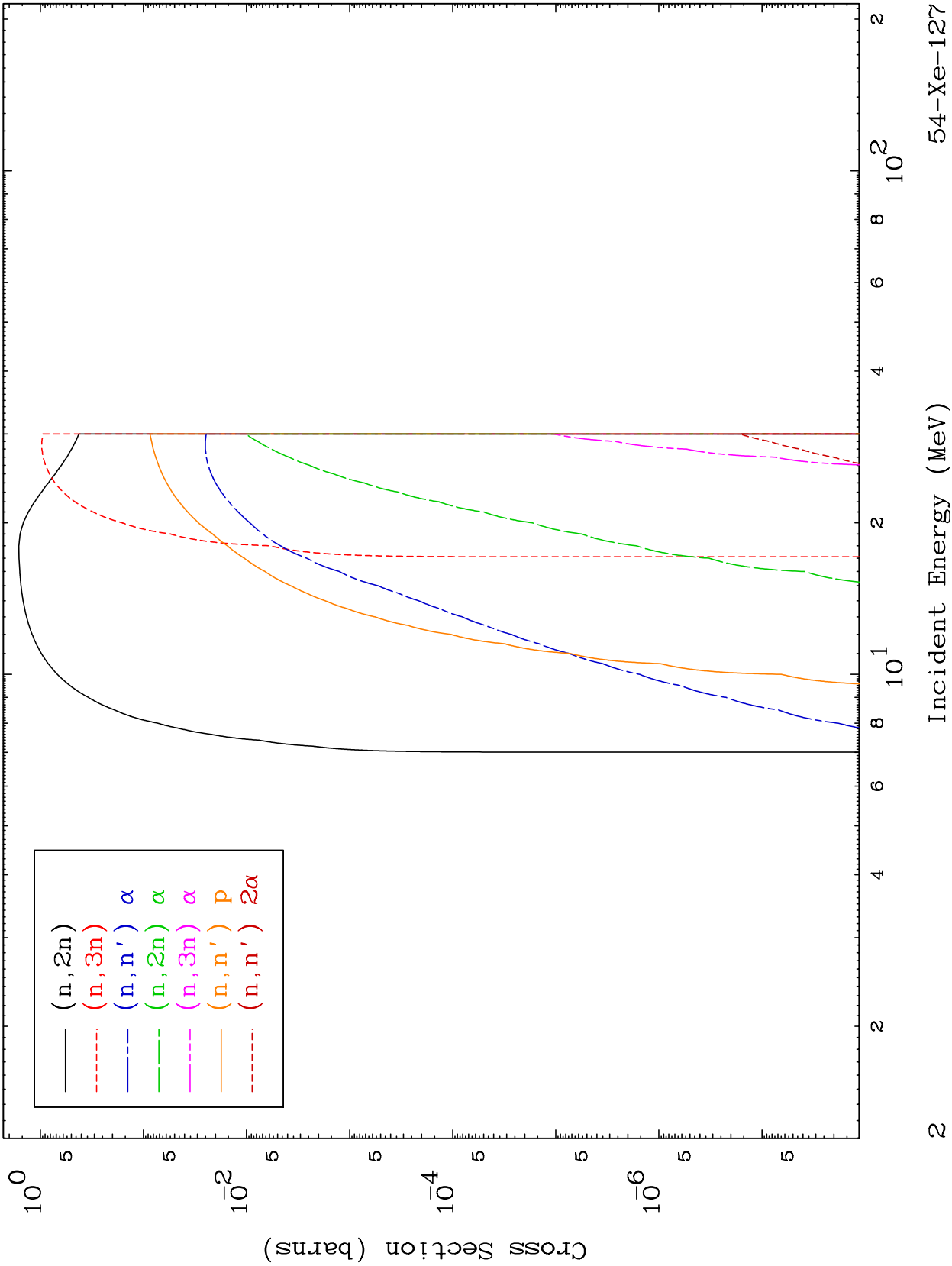
54-Xe-127

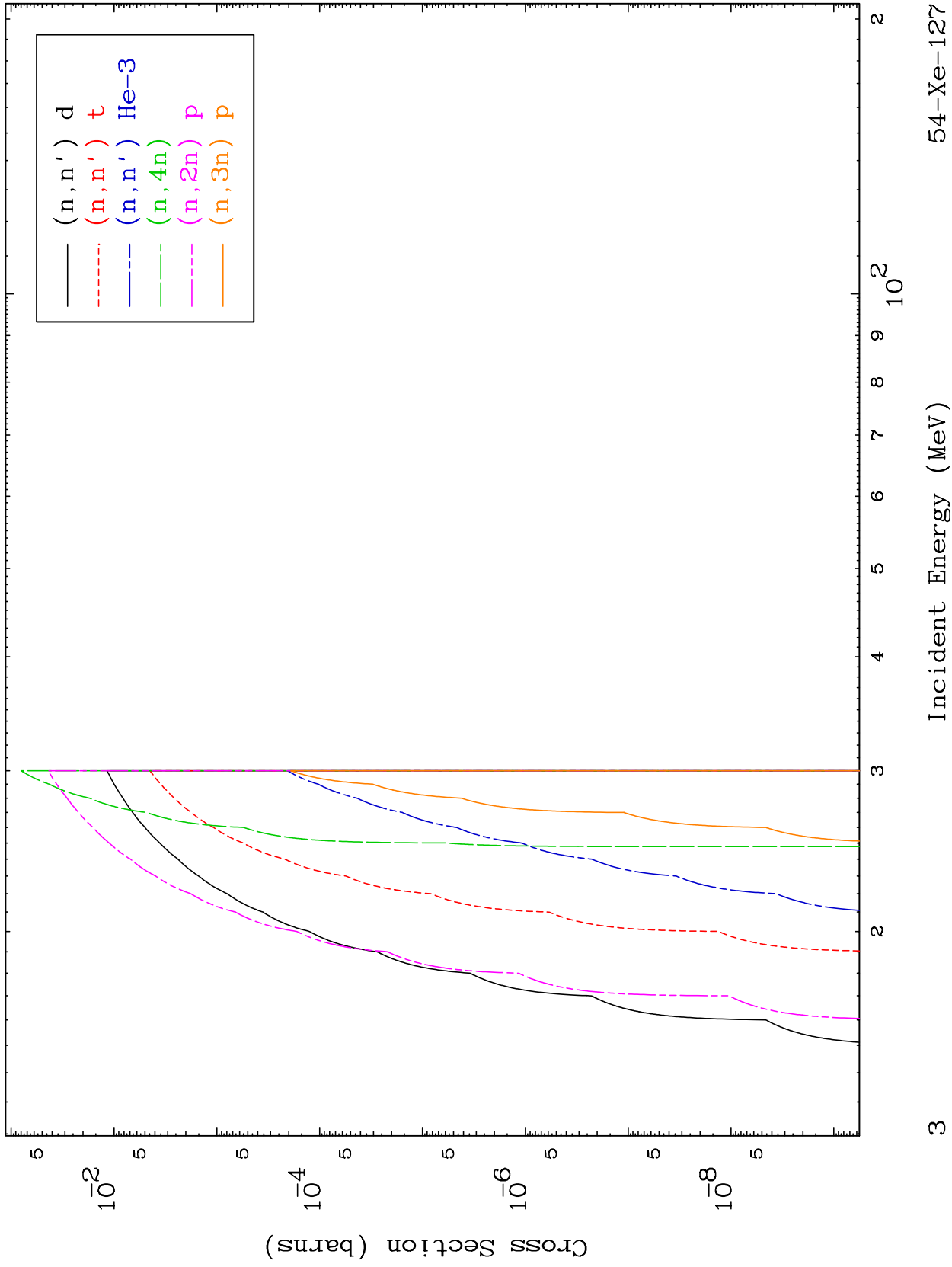


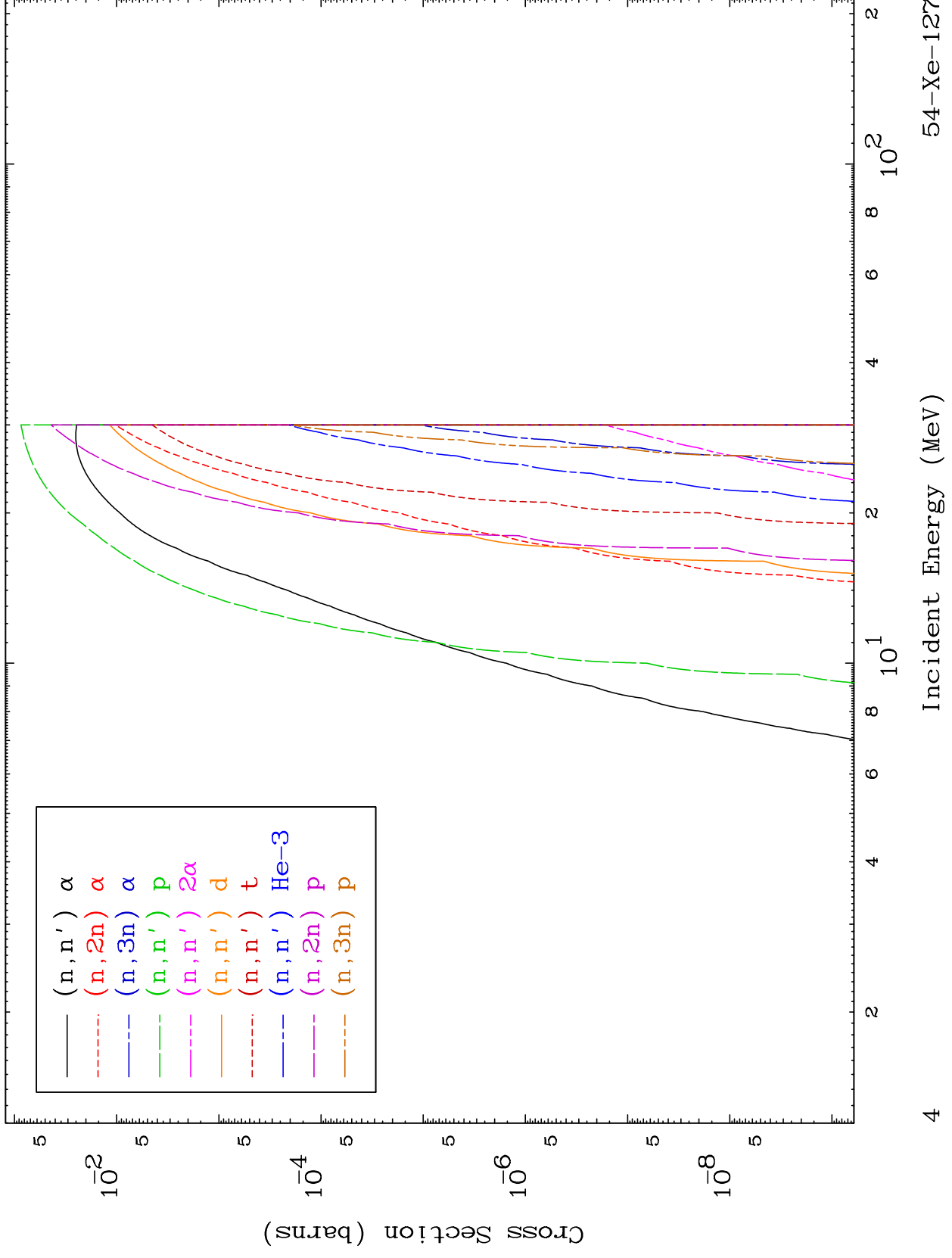
MAT 5435

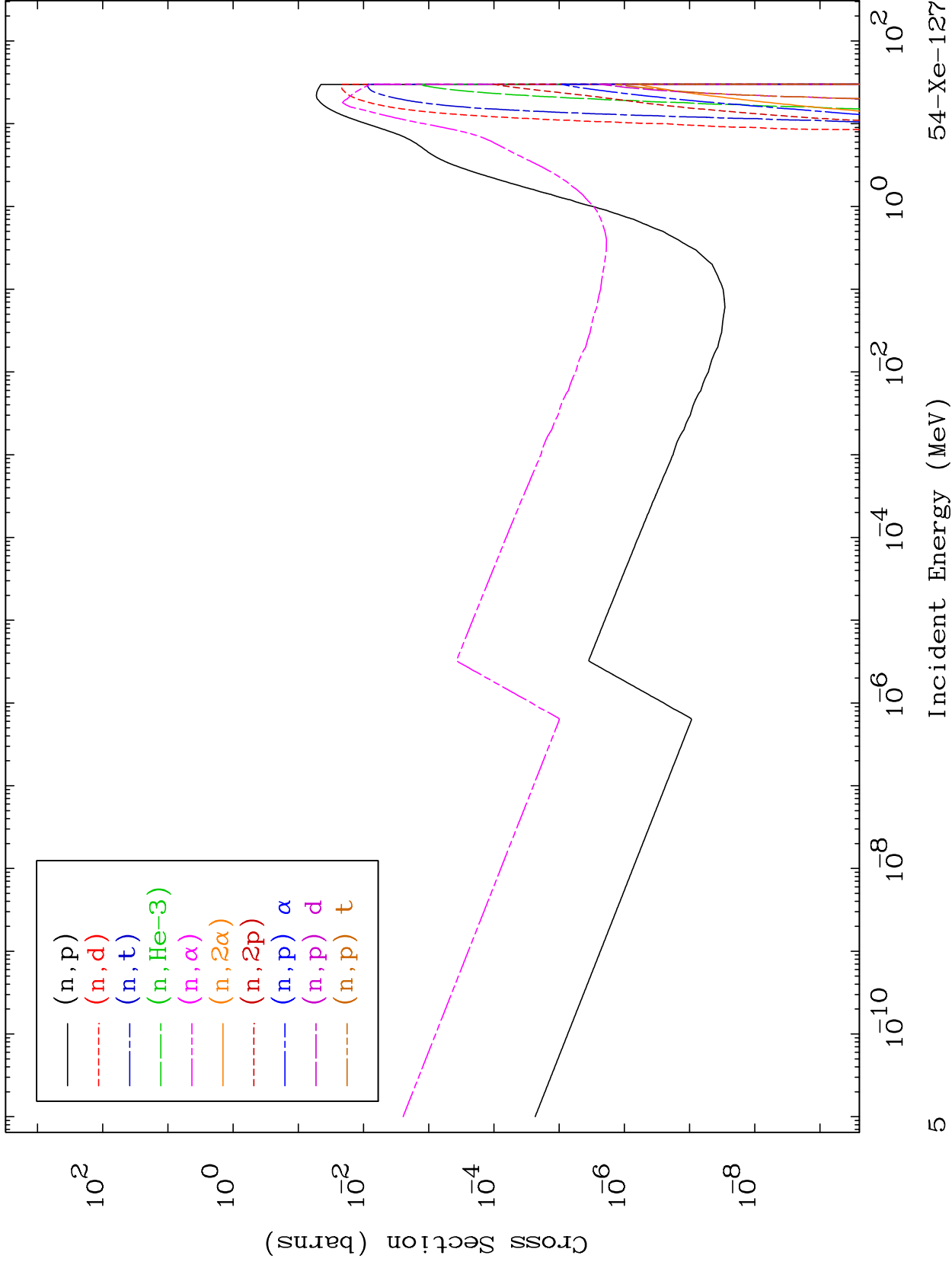
Neutron Production
293 Kelvin Cross Sections

54-Xe-127





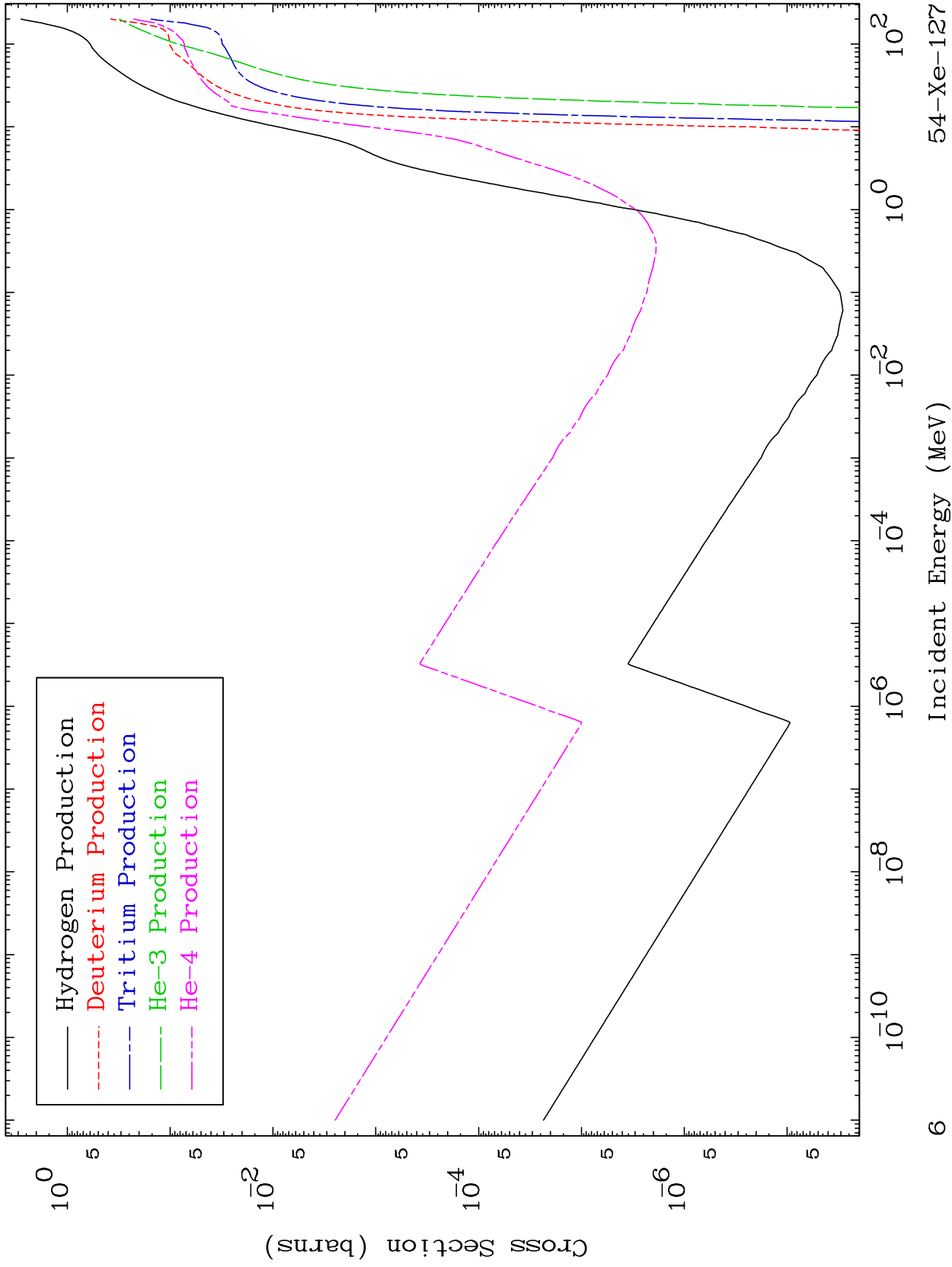




MAT 5435

Particle Production
293 Kelvin Cross Sections

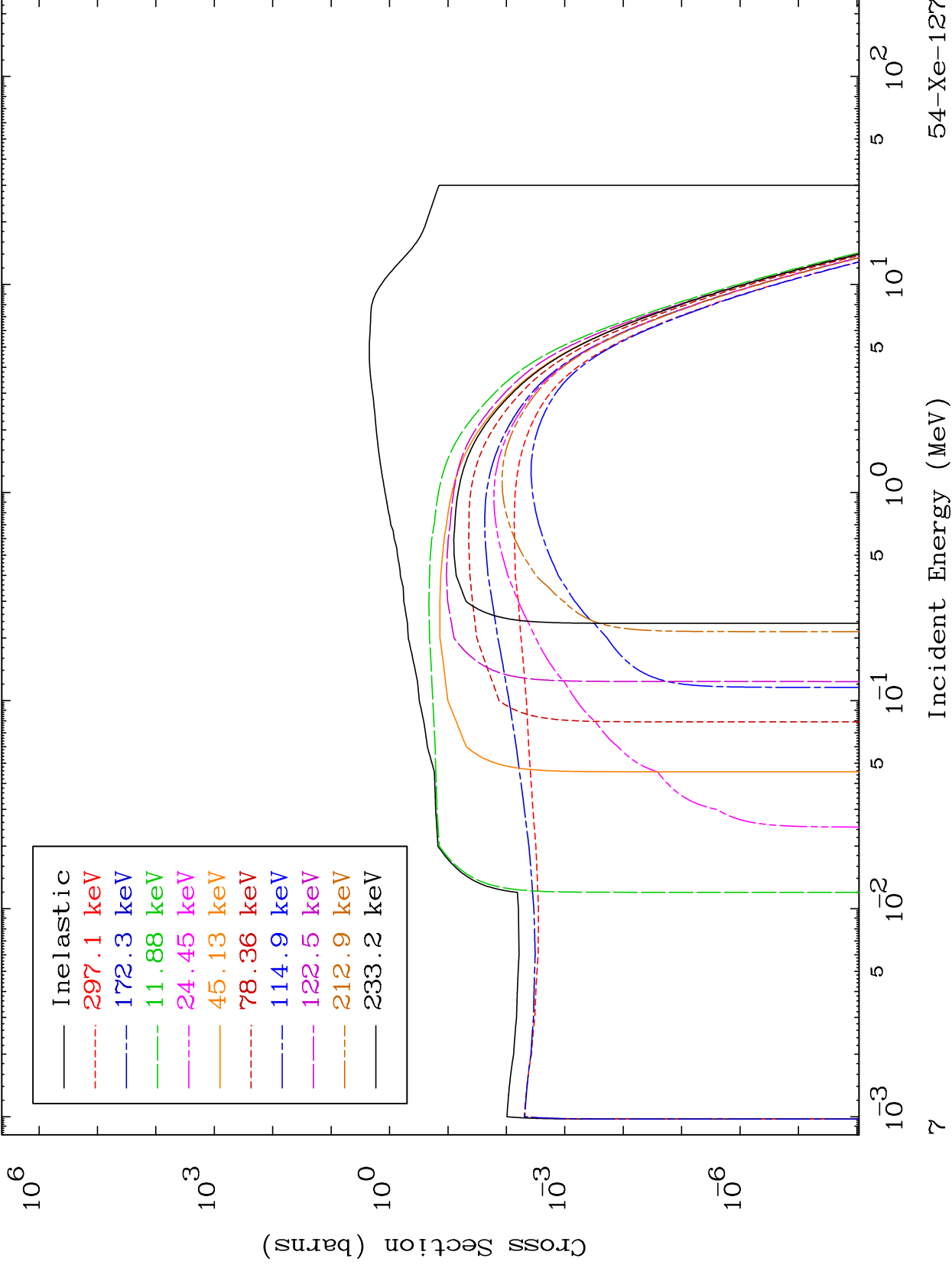
54-Xe-127



MAT 5435

(n,n') Level
293 Kelvin Cross Sections

54-Xe-127

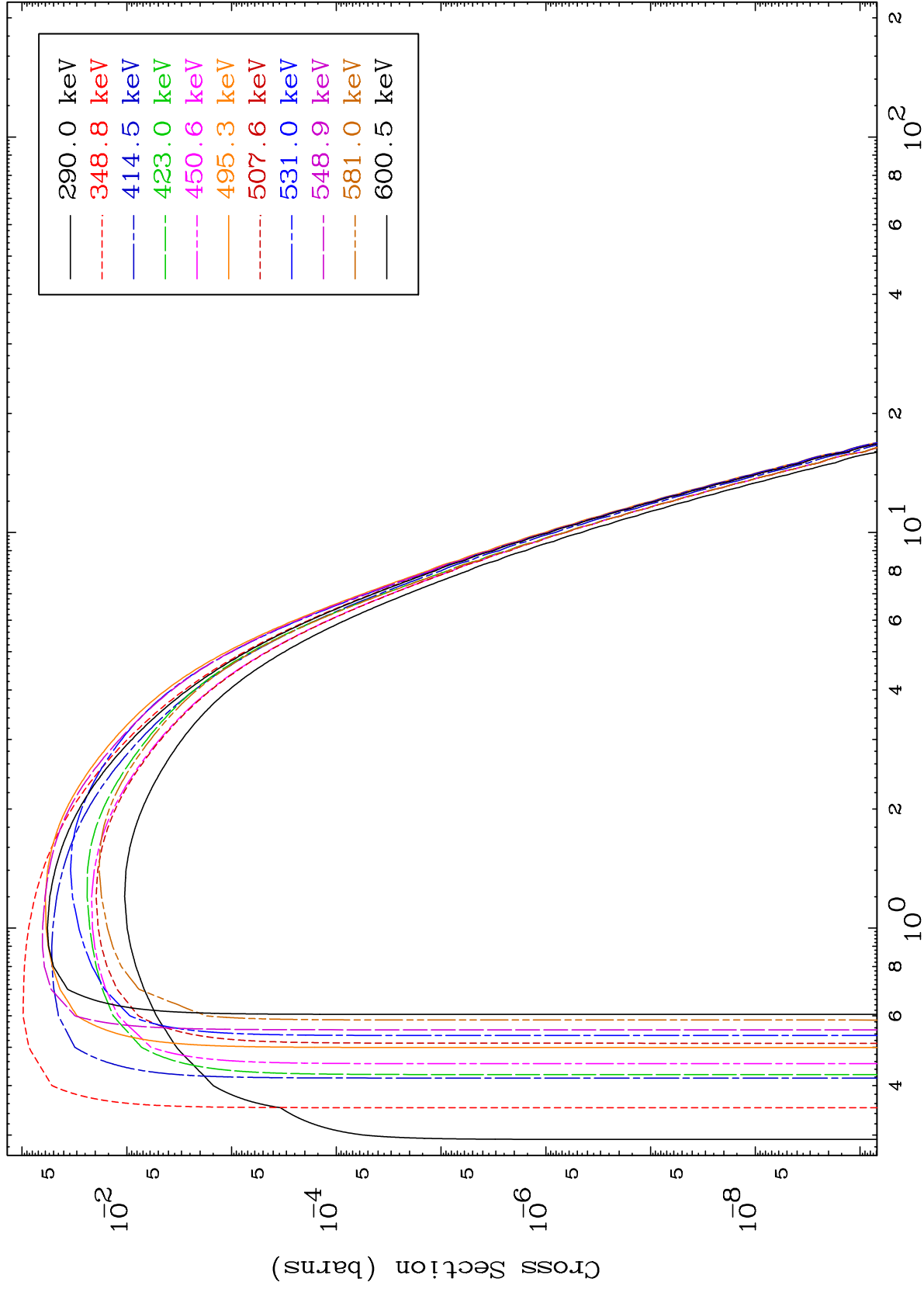


MAT 5435

(n,n') Level

54-Xe-127

293 Kelvin Cross Sections



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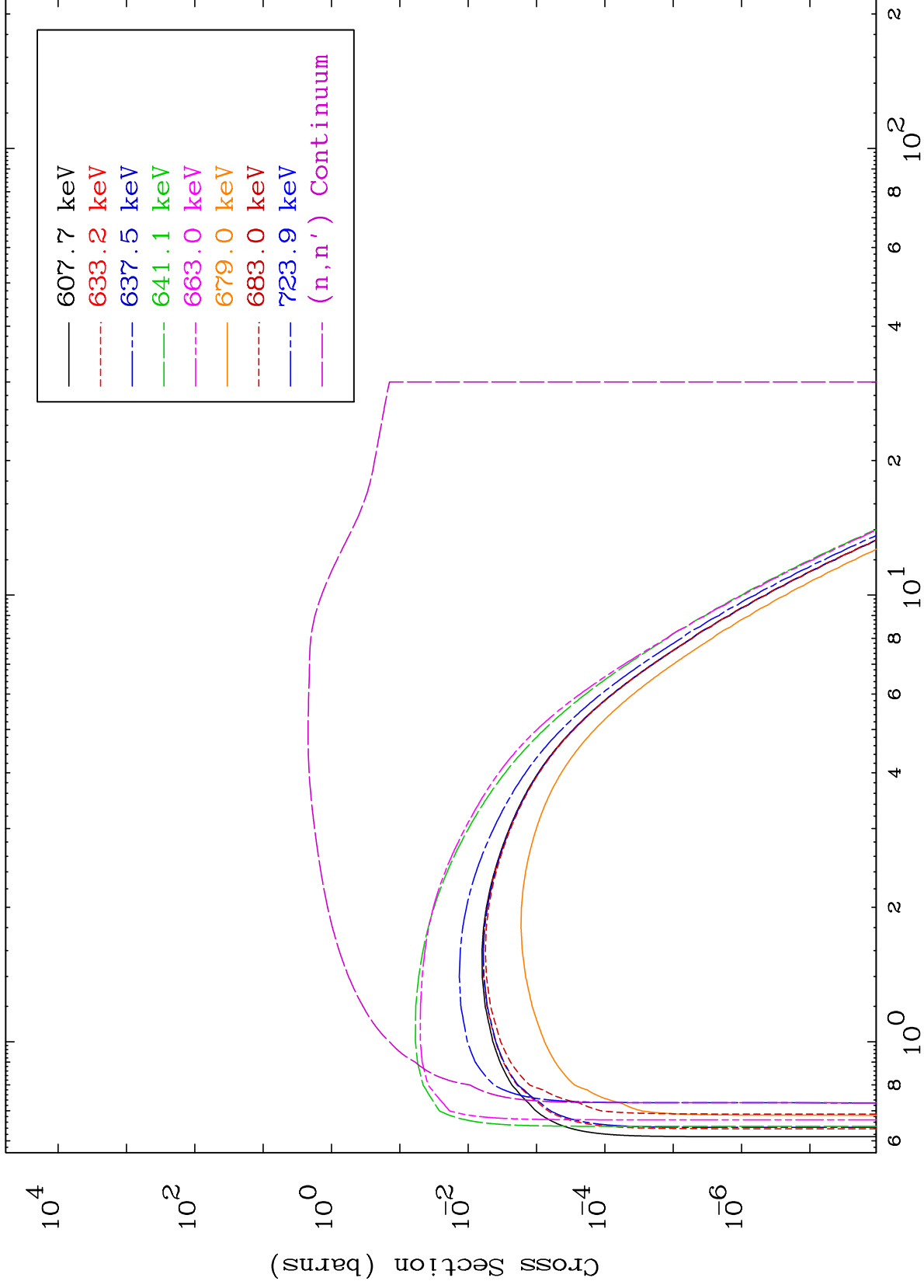
Incident Energy (MeV)

54-Xe-127

MAT 5435

(n,n') Level
293 Kelvin Cross Sections

54-Xe-127



9

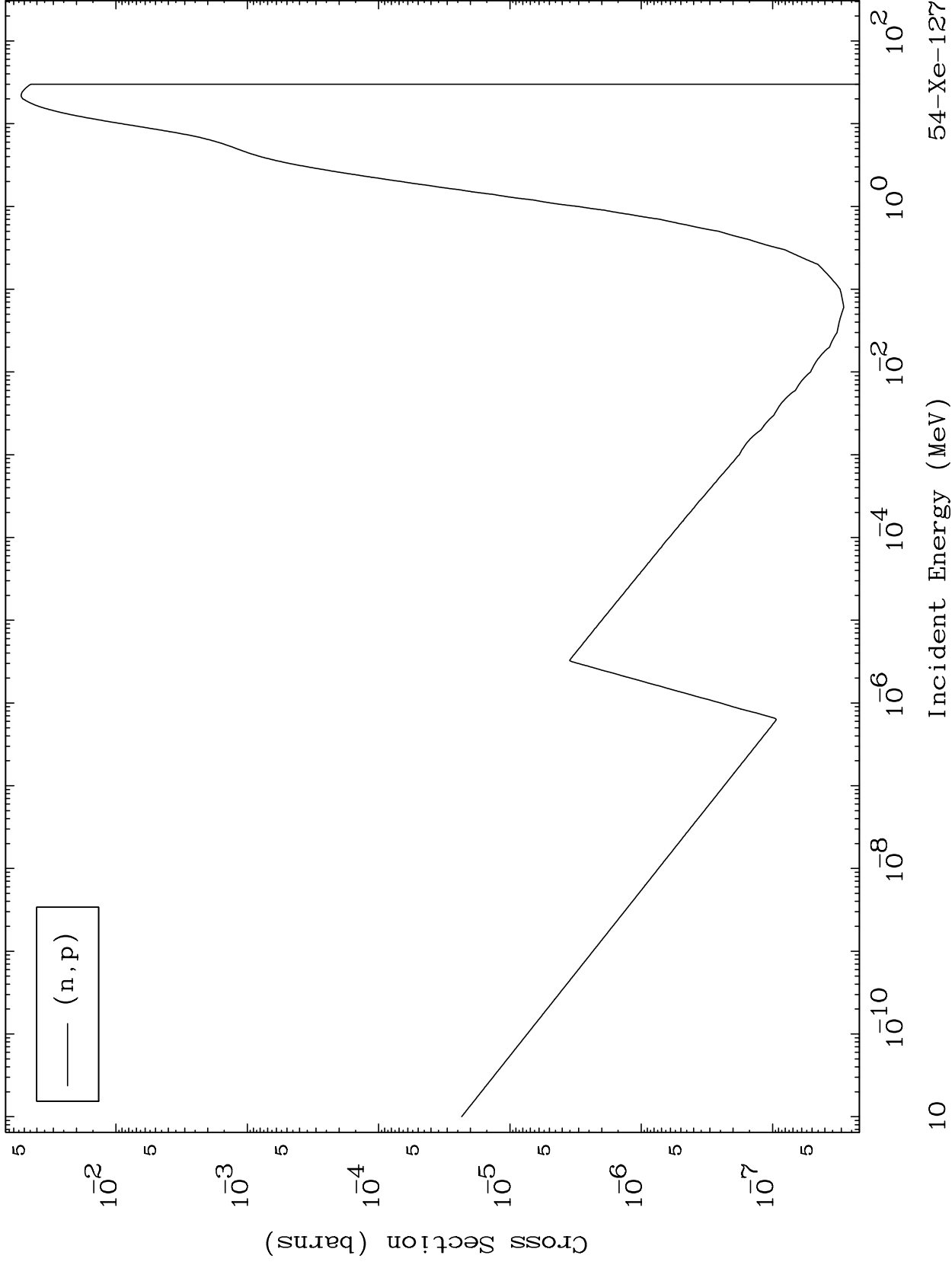
Incident Energy (MeV)

54-Xe-127

MAT 5435

(n,p) Levels
293 Kelvin Cross Sections

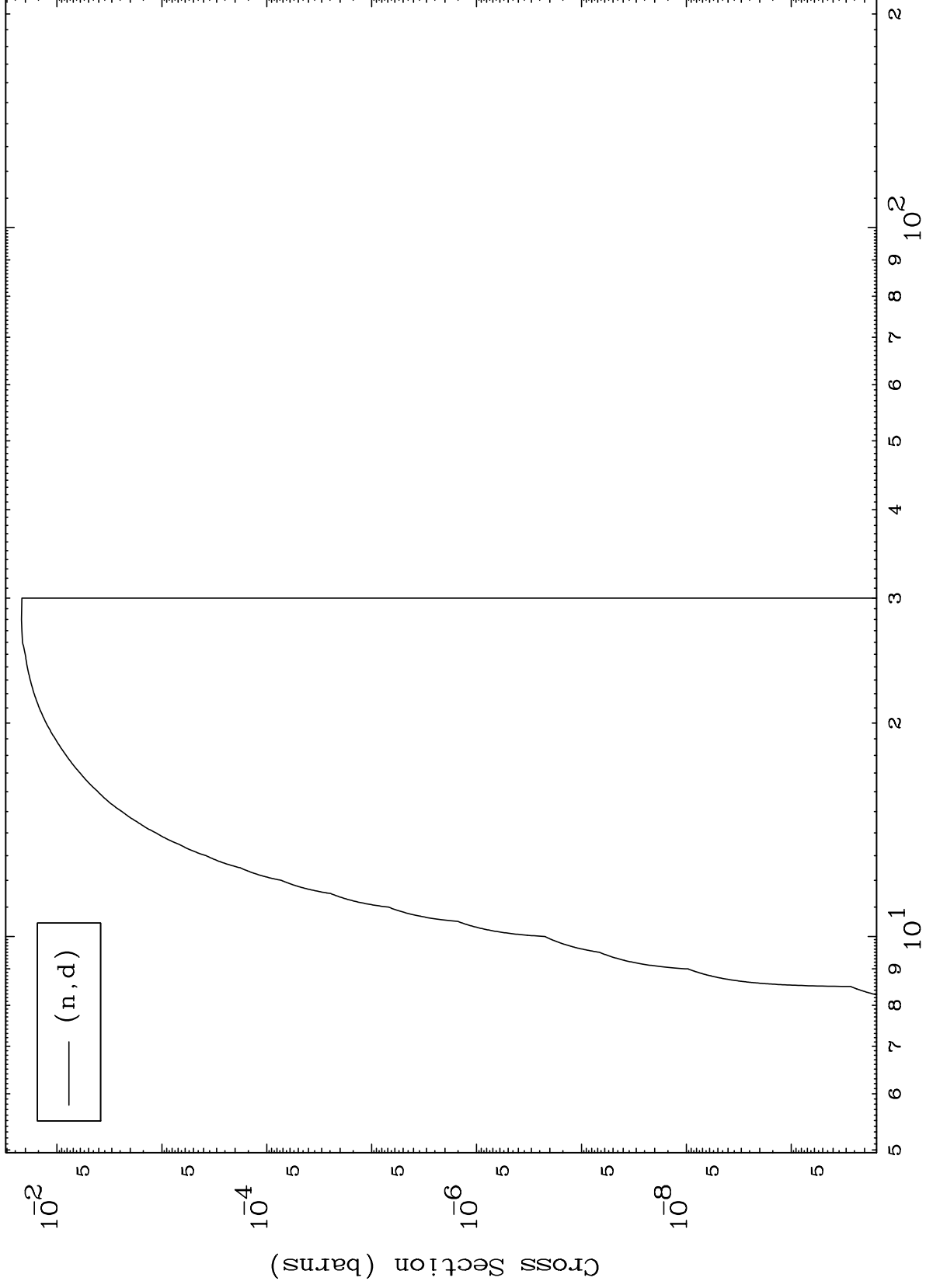
54-Xe-127



MAT 5435

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-127



11

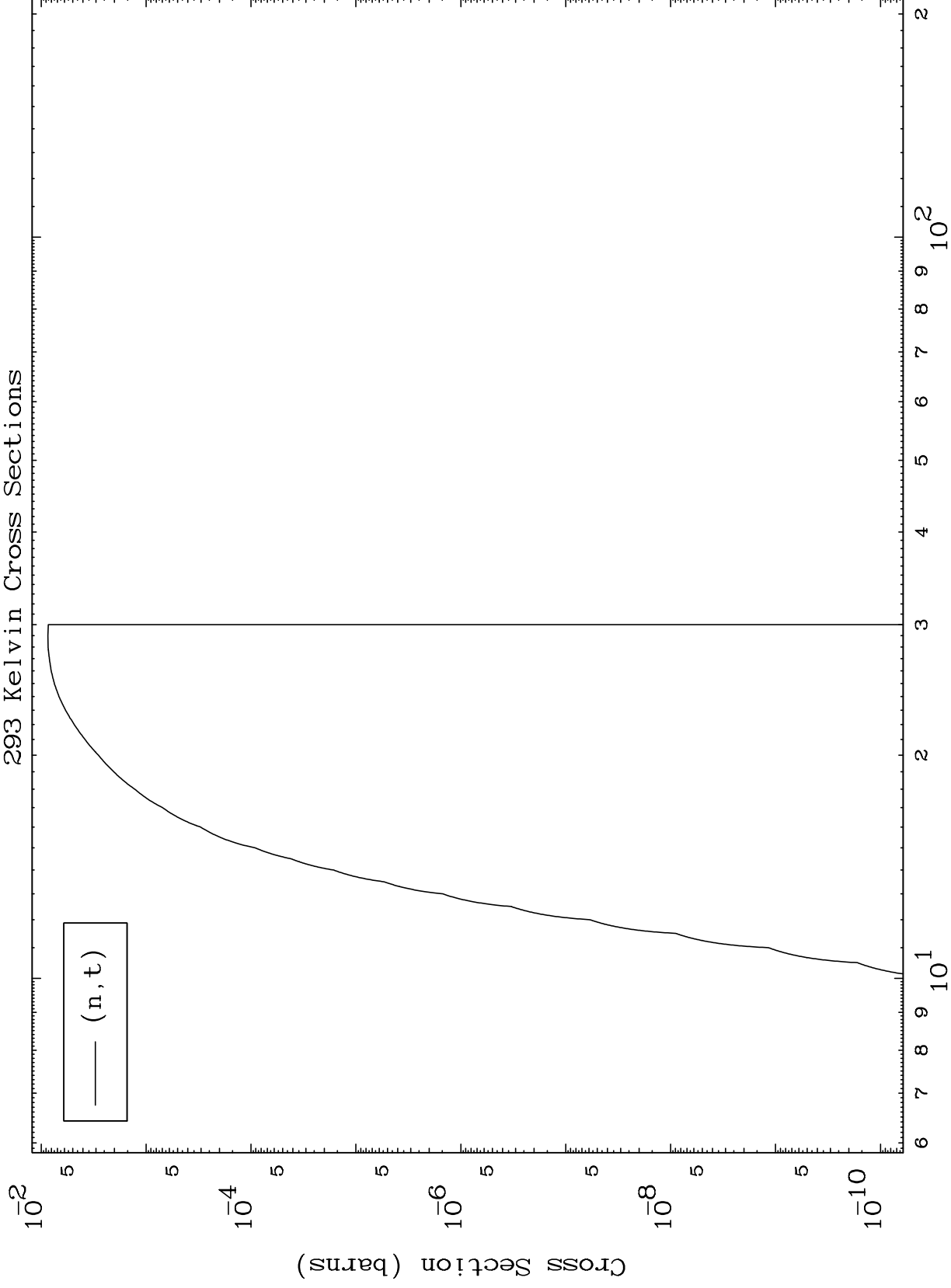
Incident Energy (MeV)

54-Xe-127

MAT 5435

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-127



12

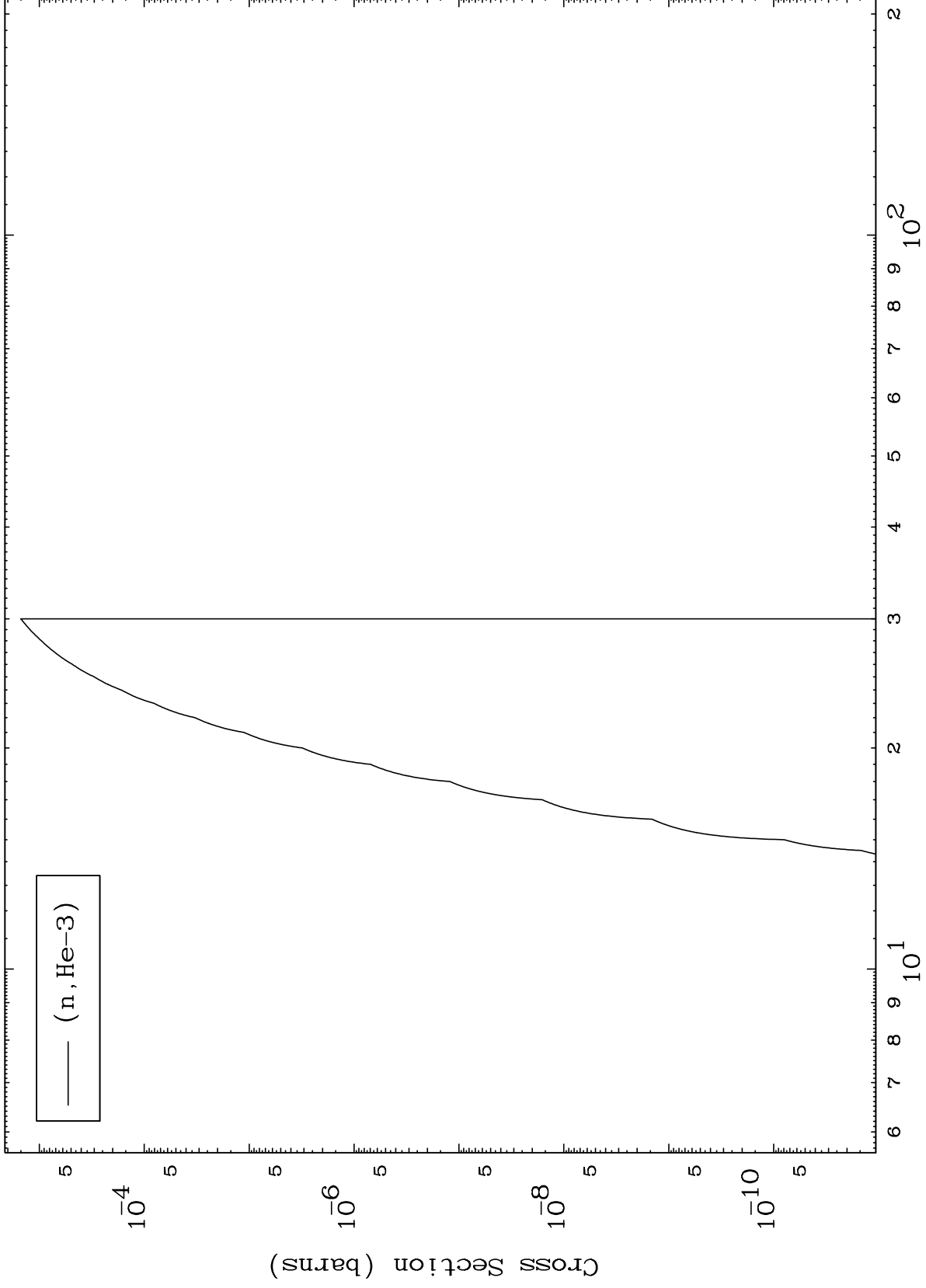
Incident Energy (MeV)

54-Xe-127

MAT 5435

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-127



13

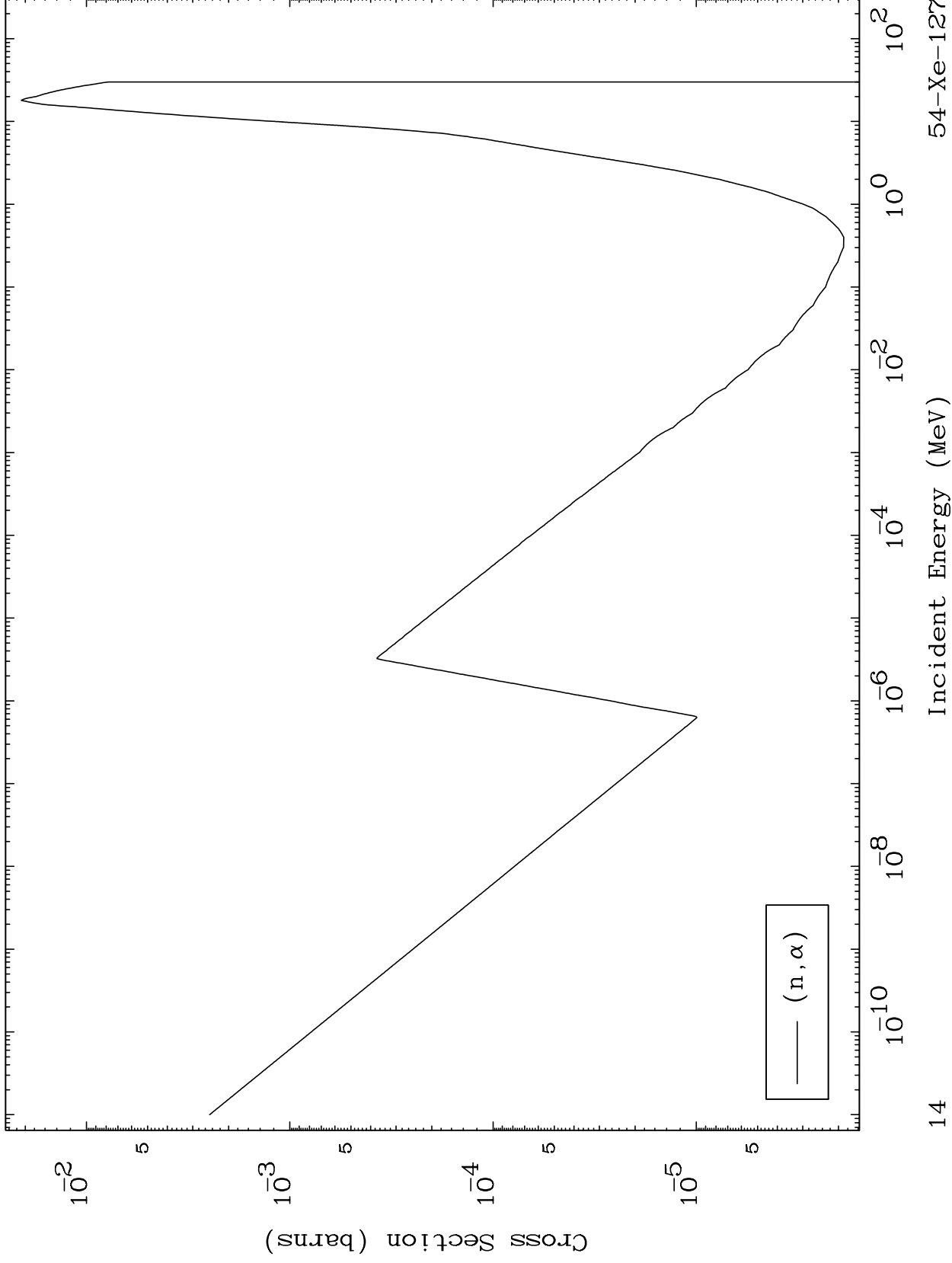
Incident Energy (MeV)

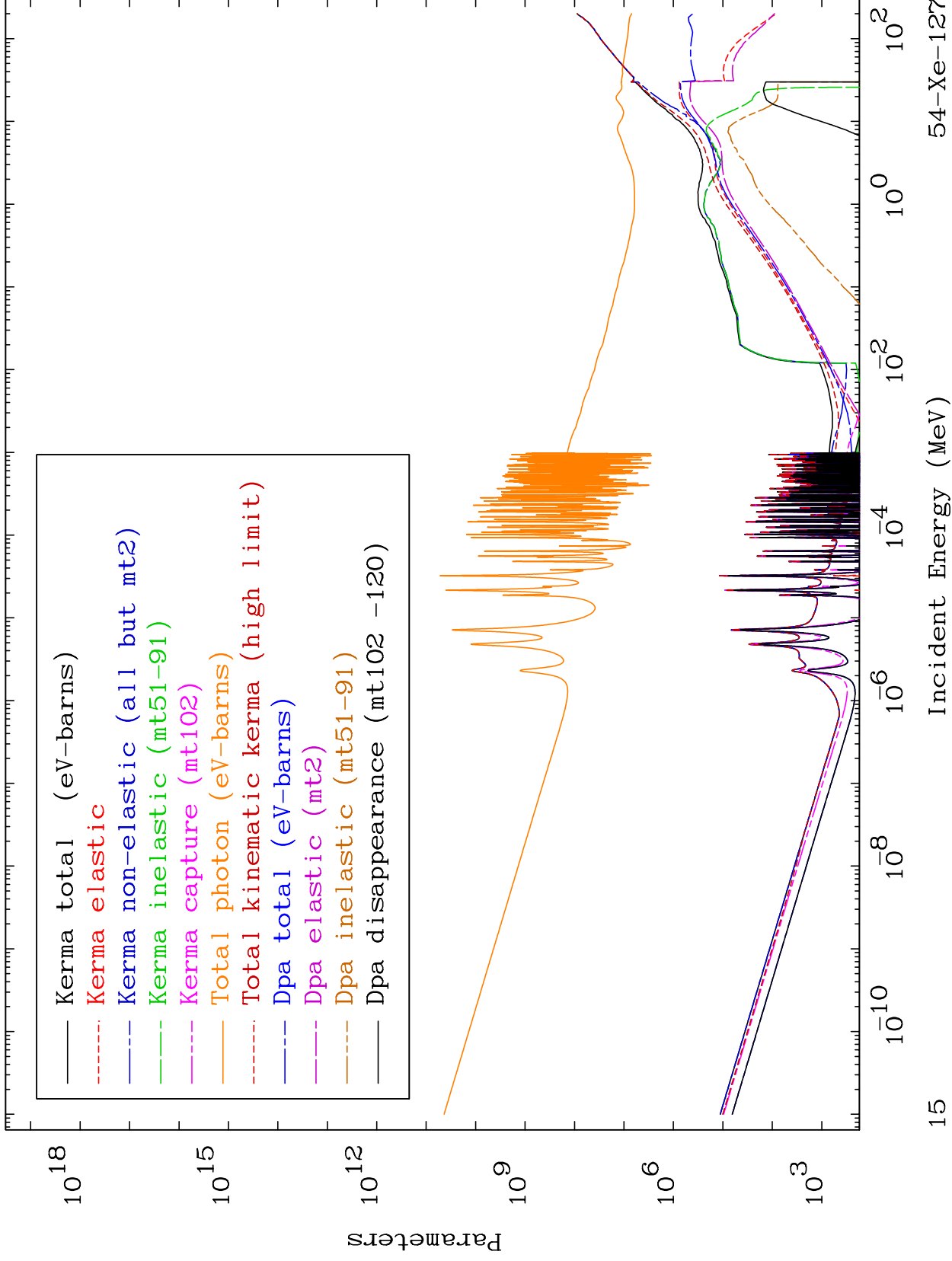
54-Xe-127

MAT 5435

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-127

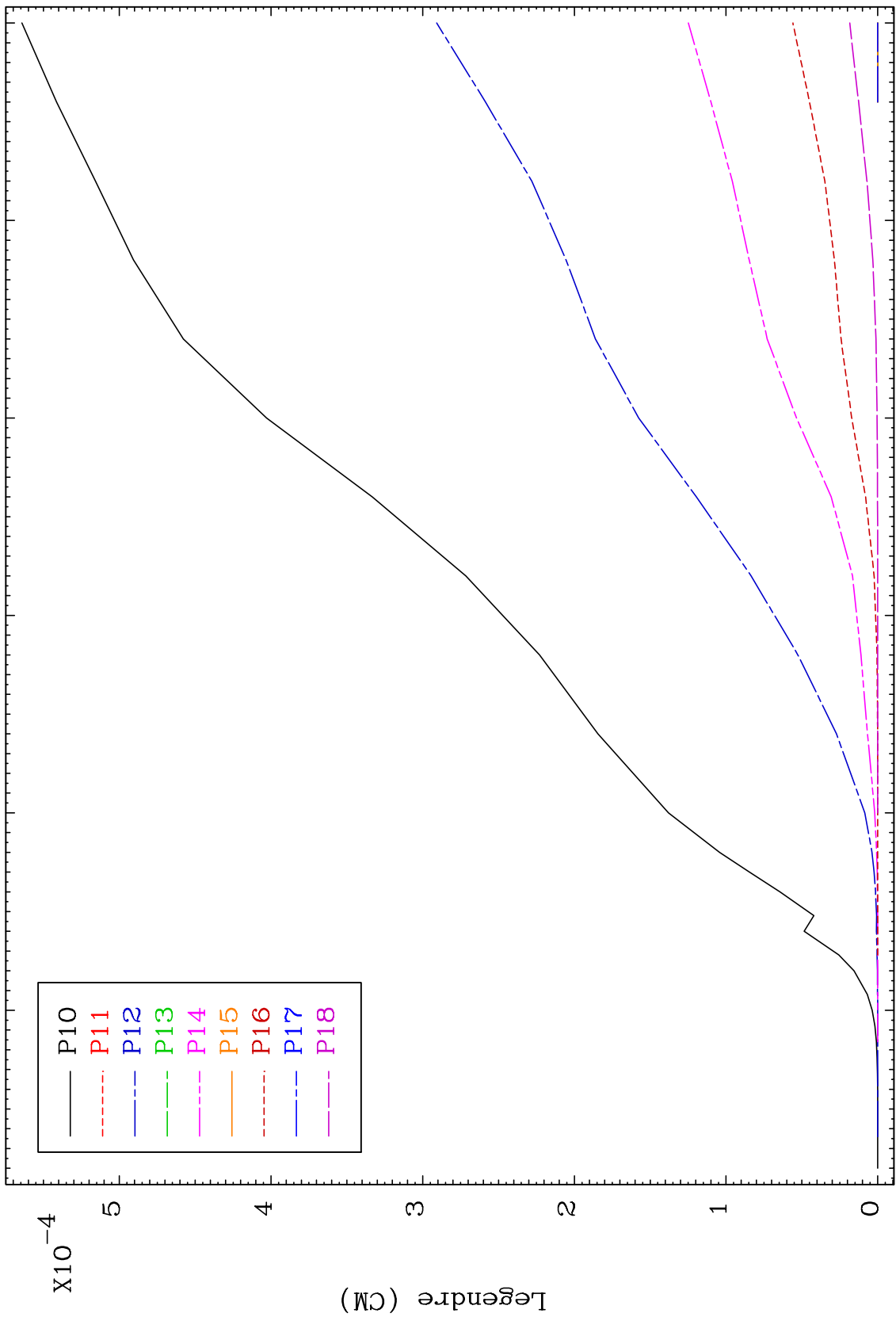




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Elastic Legendre Coefficients

54-Xe-127



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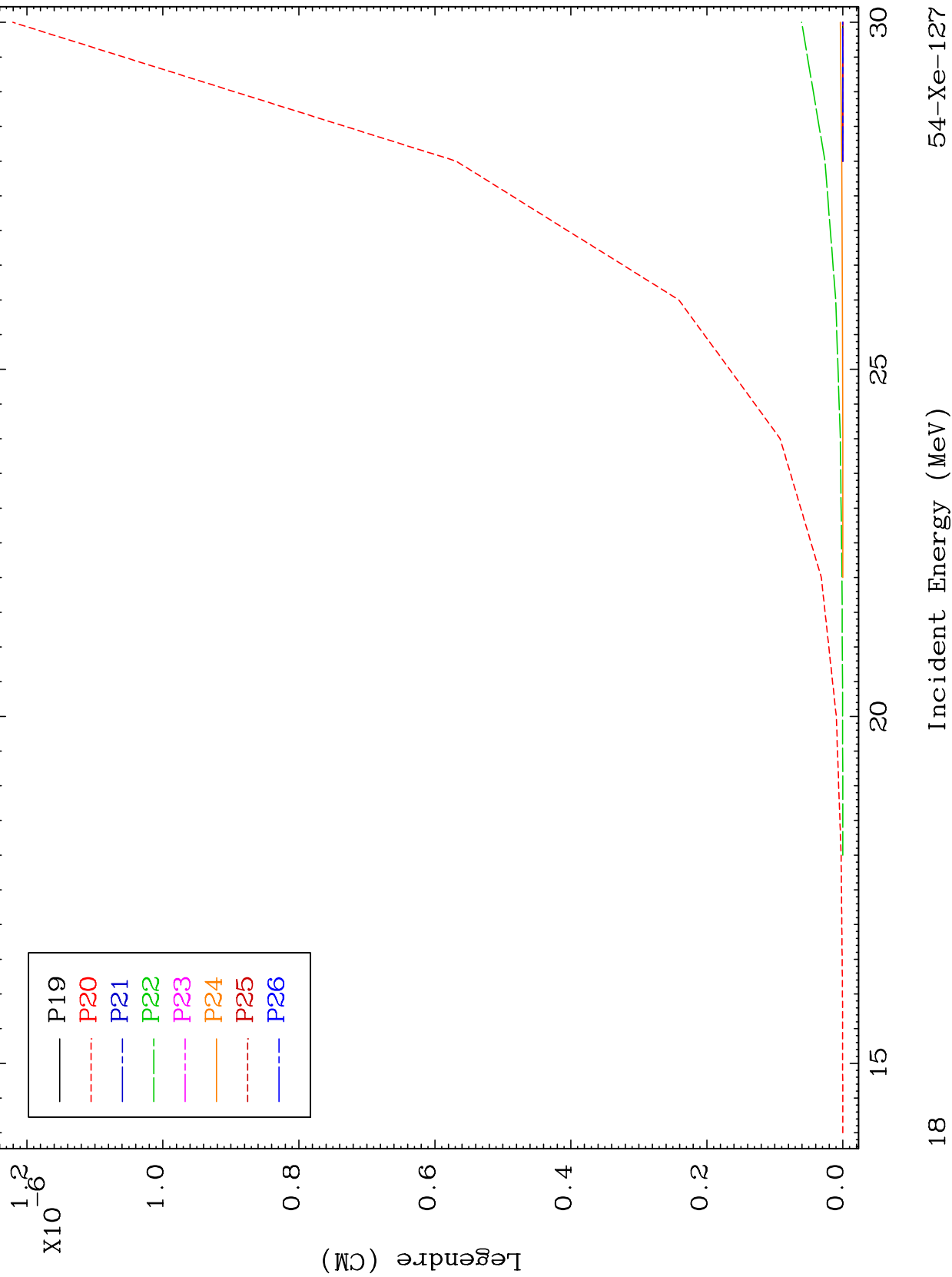
54-Xe-127

Incident Energy (MeV)

MAT 5435

Elastic Legendre Coefficients

54-Xe-127



18

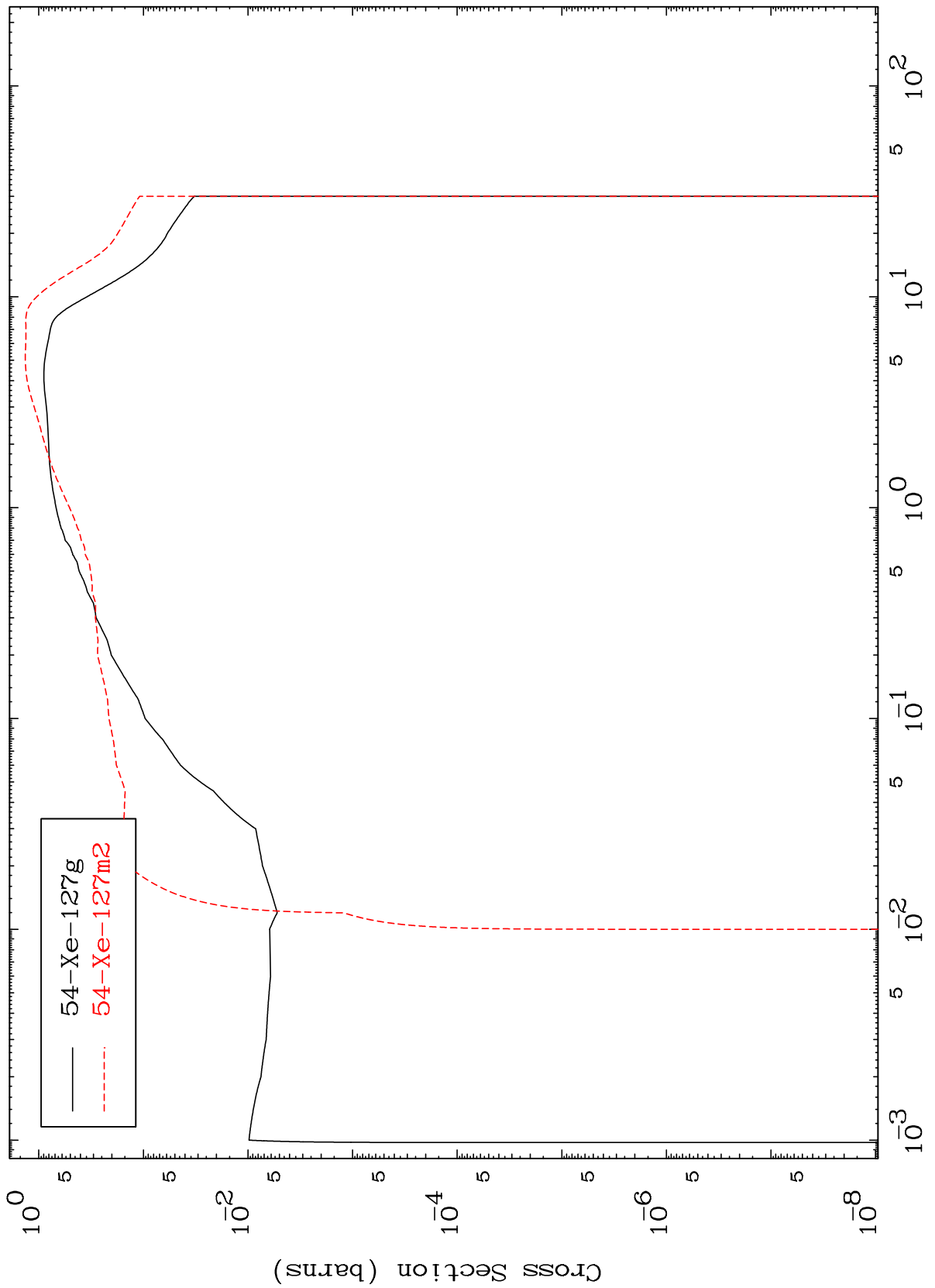
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

Inelastic
Radionuclide Production Cross Section



54-Xe-127

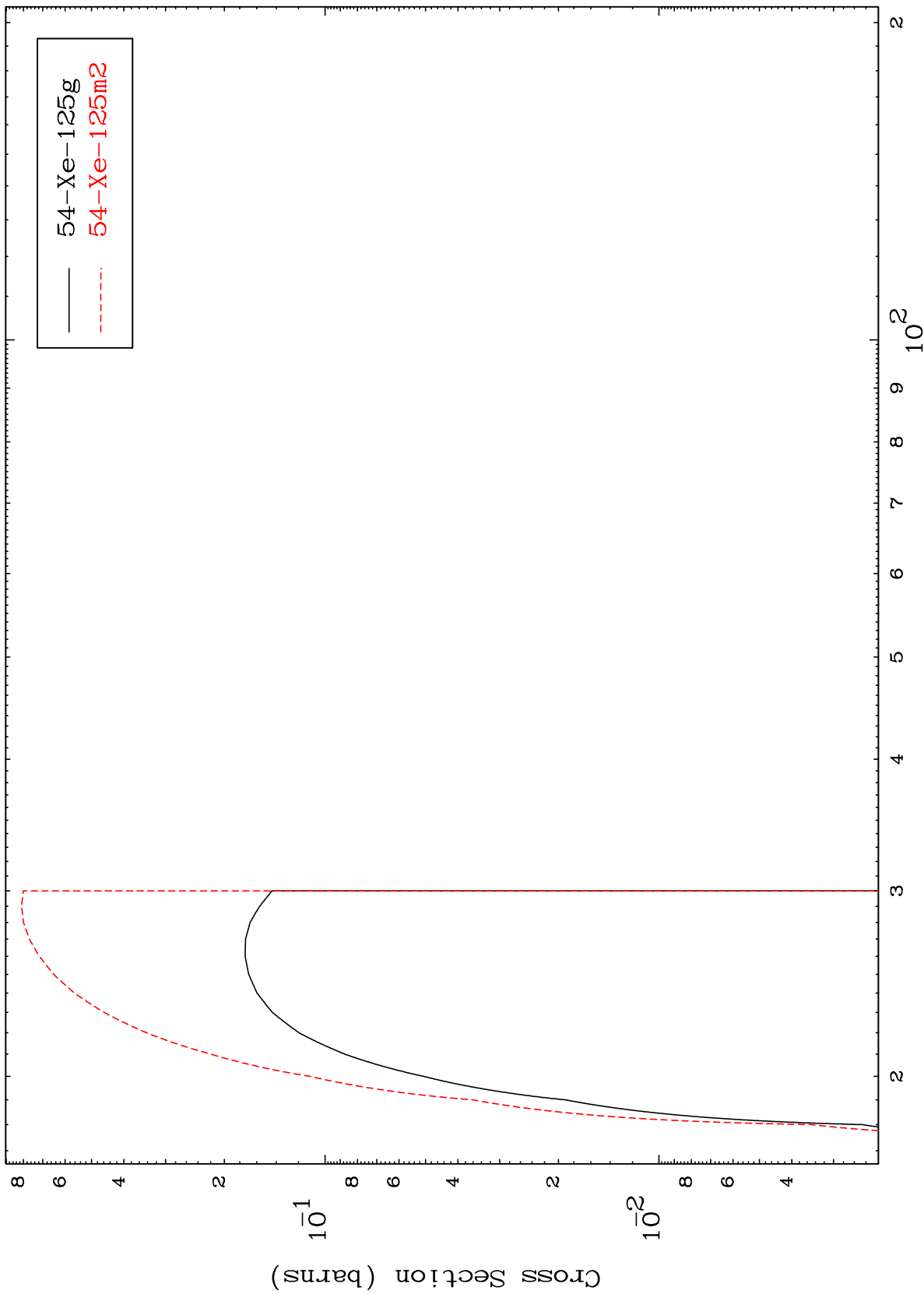
Incident Energy (MeV)

19

MAT 5435

54-Xe-127

(n,3n)
Radionuclide Production Cross Section



54-Xe-127

Incident Energy (MeV)

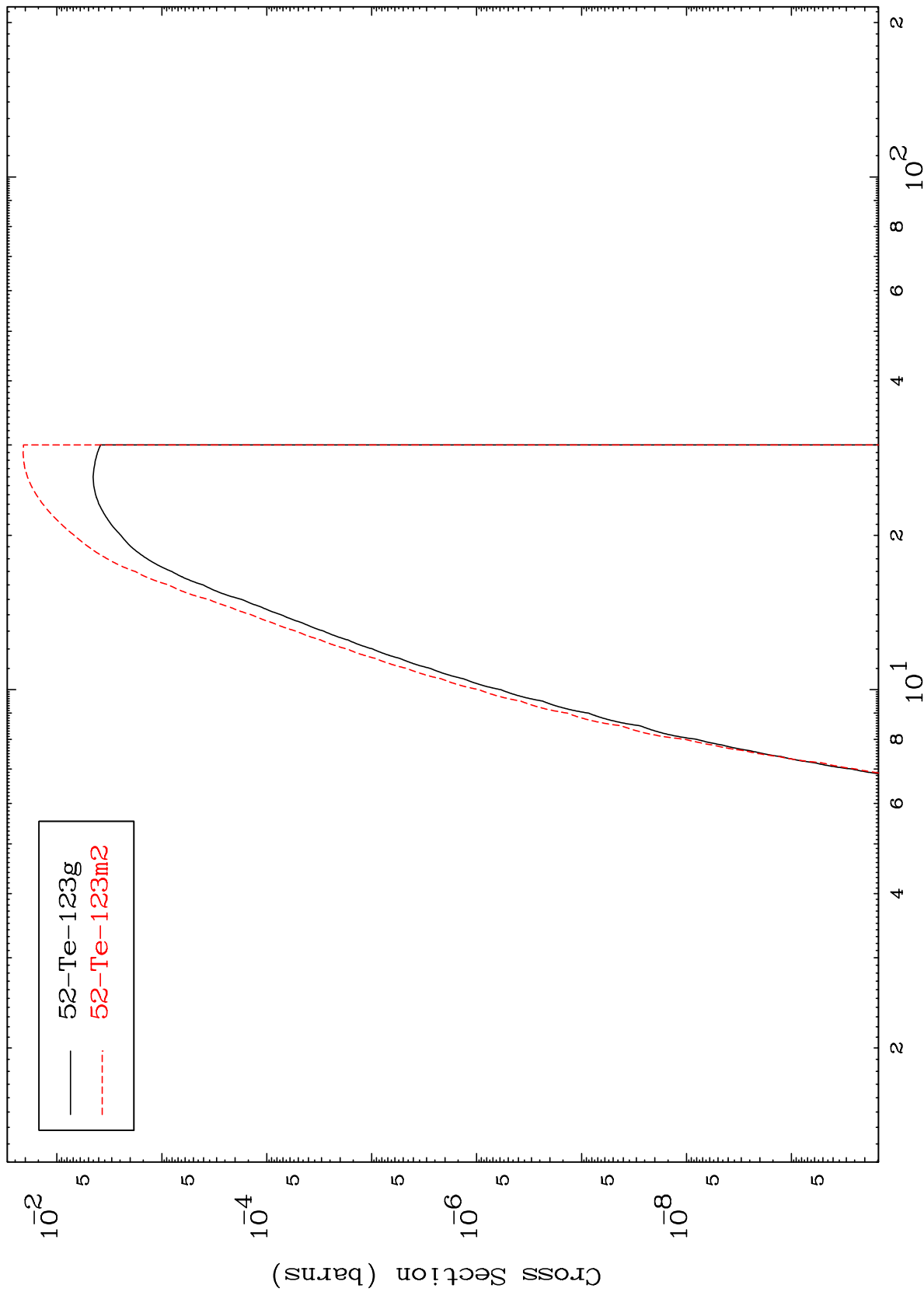
20

MAT 5435

(n,n') α

54-Xe-127

Radionuclide Production Cross Section

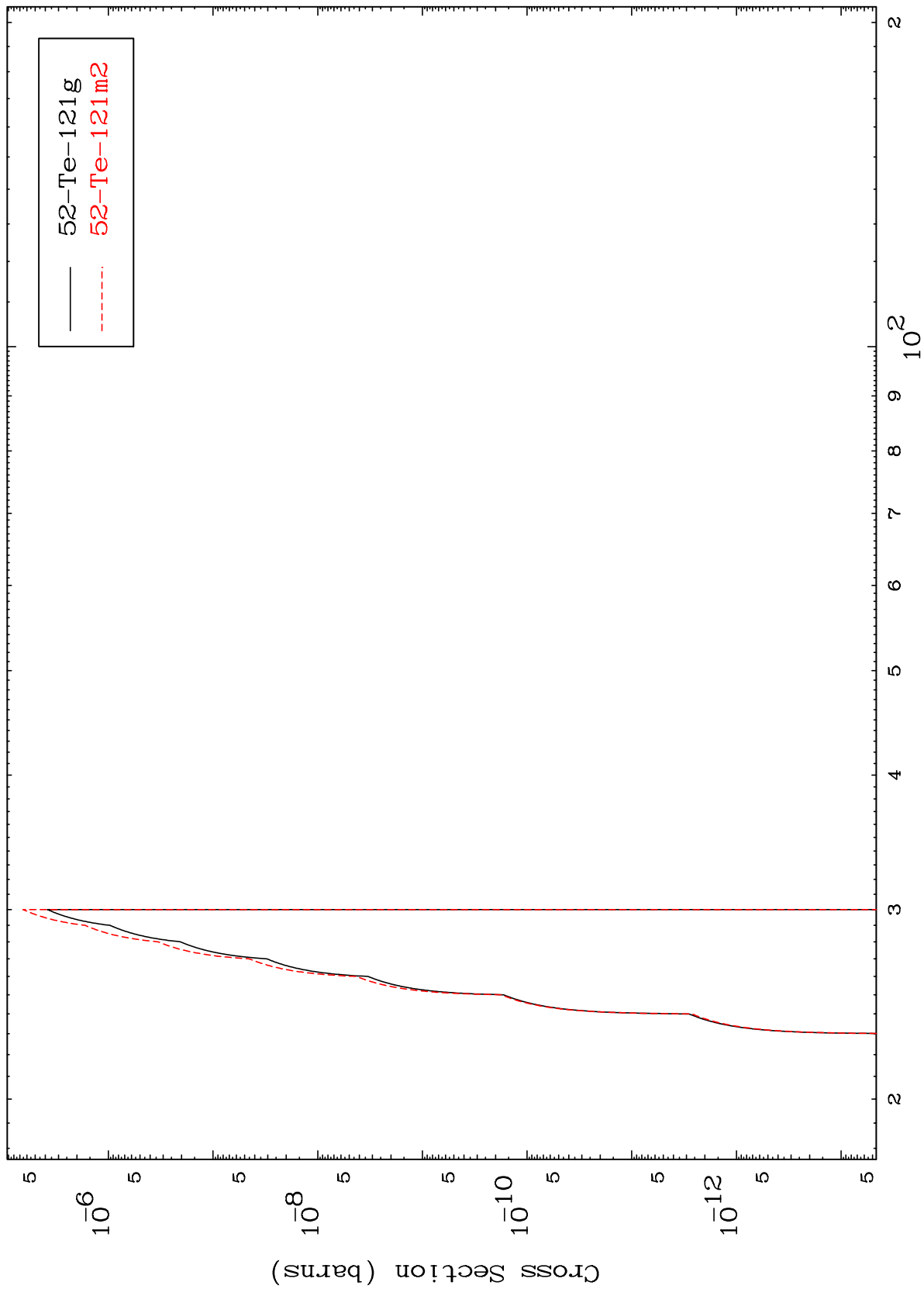


MAT 5435

(n,3n) α

54-Xe-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

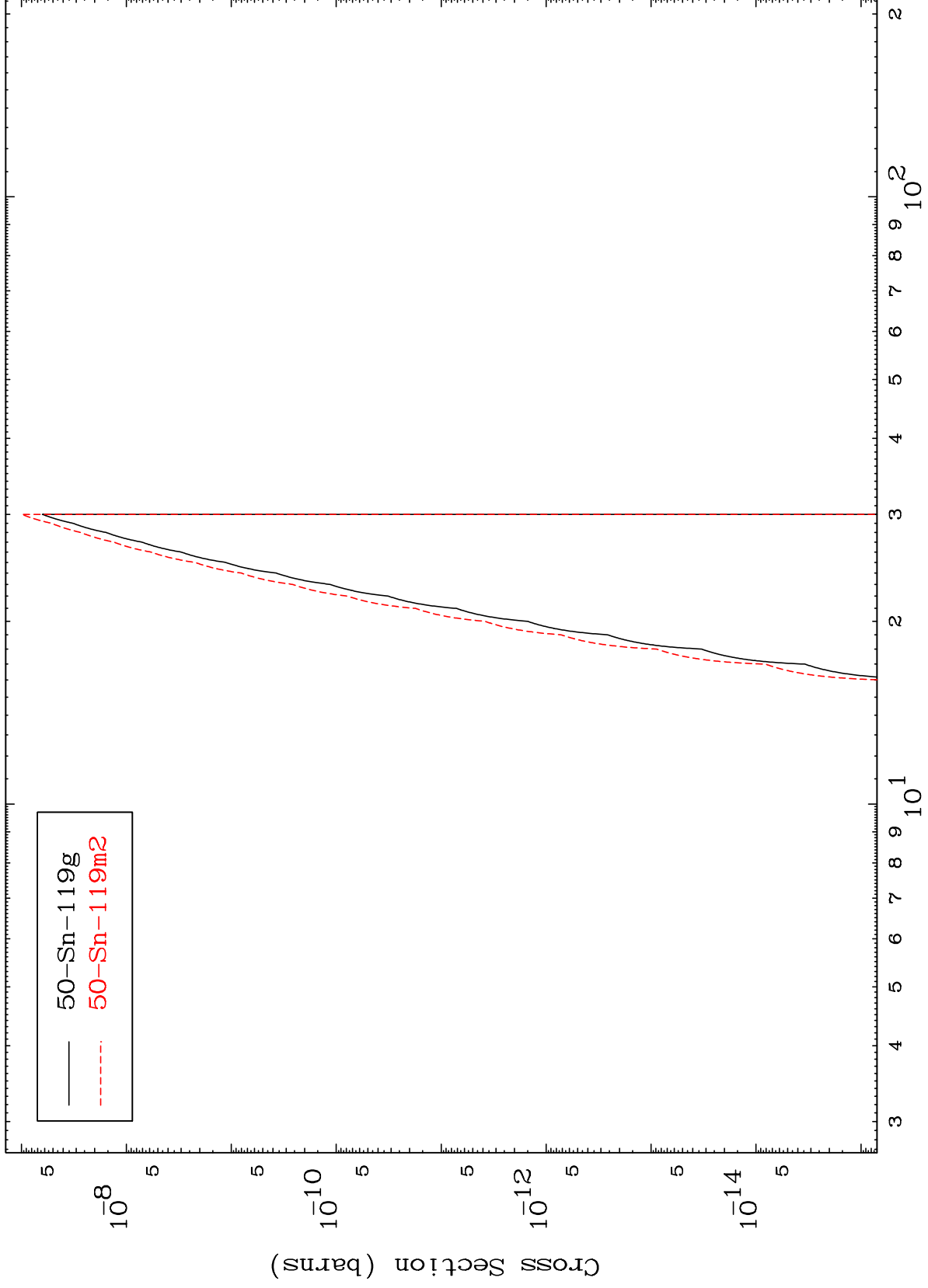
54-Xe-127

MAT 5435

(n,n') 2α

54-Xe-127

Radionuclide Production Cross Section



23

Incident Energy (MeV)

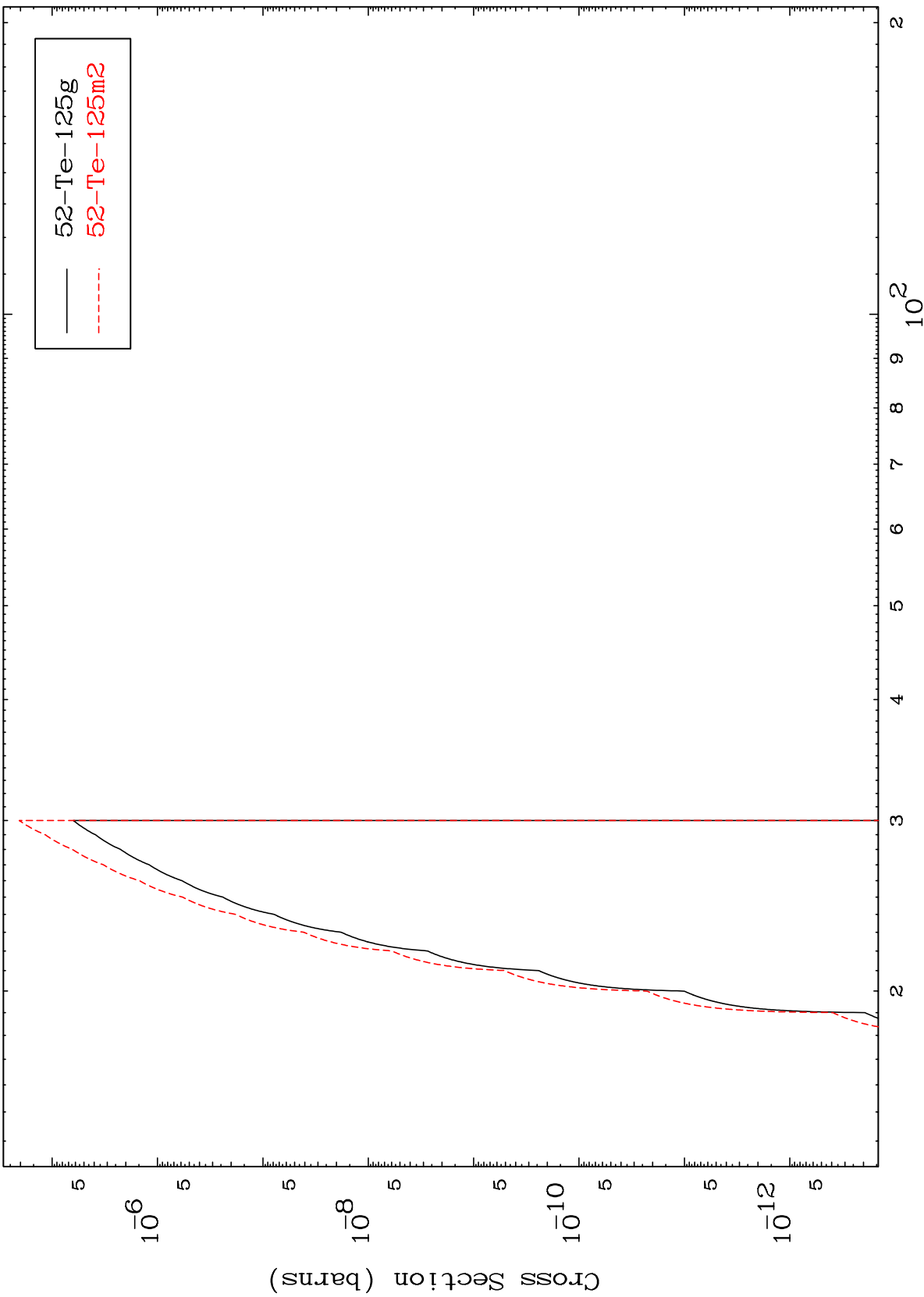
54-Xe-127

MAT 5435

(n,2n) p

54-Xe-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

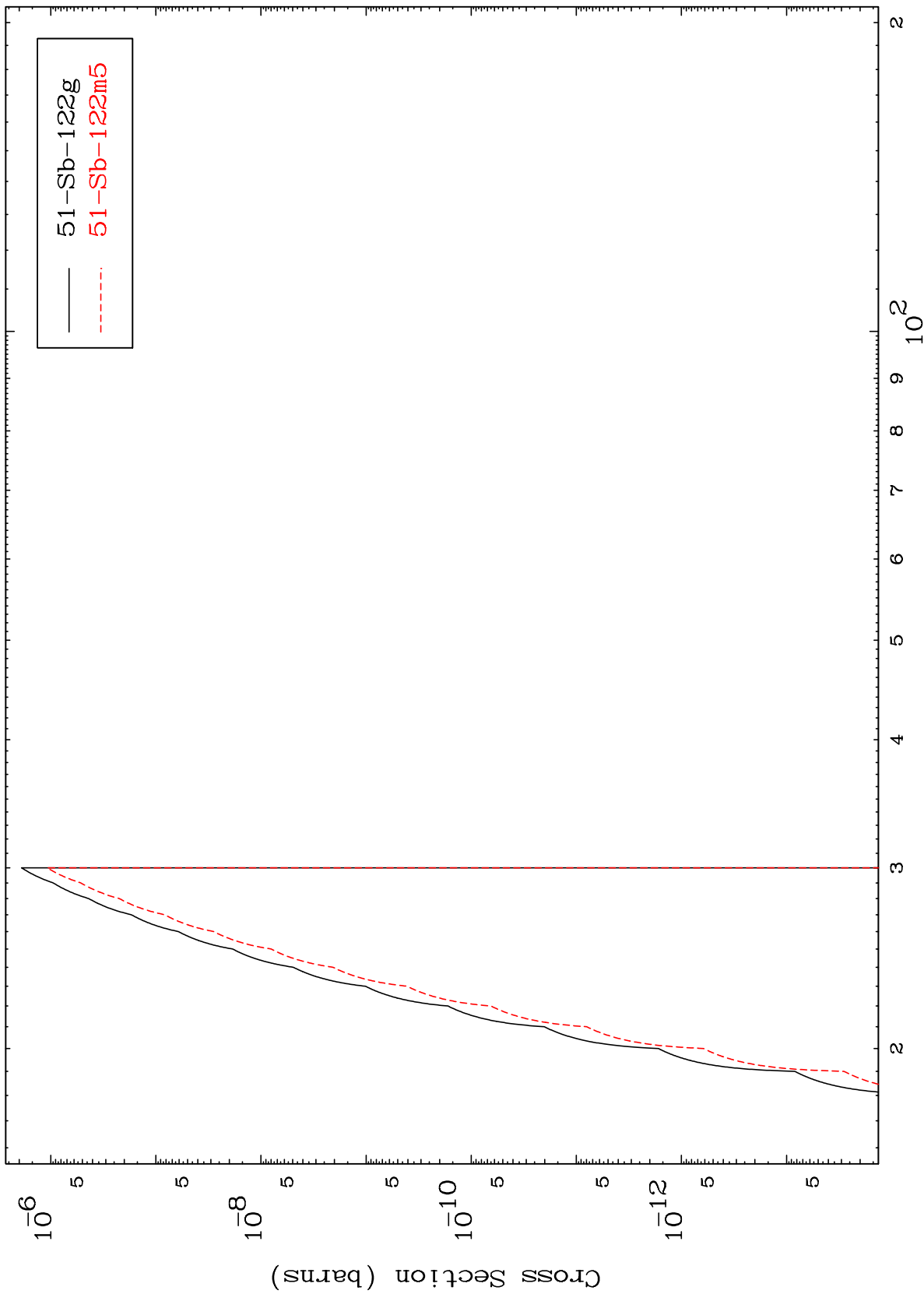
54-Xe-127

MAT 5435

(n,n') p α

54-Xe-127

Radionuclide Production Cross Section



25

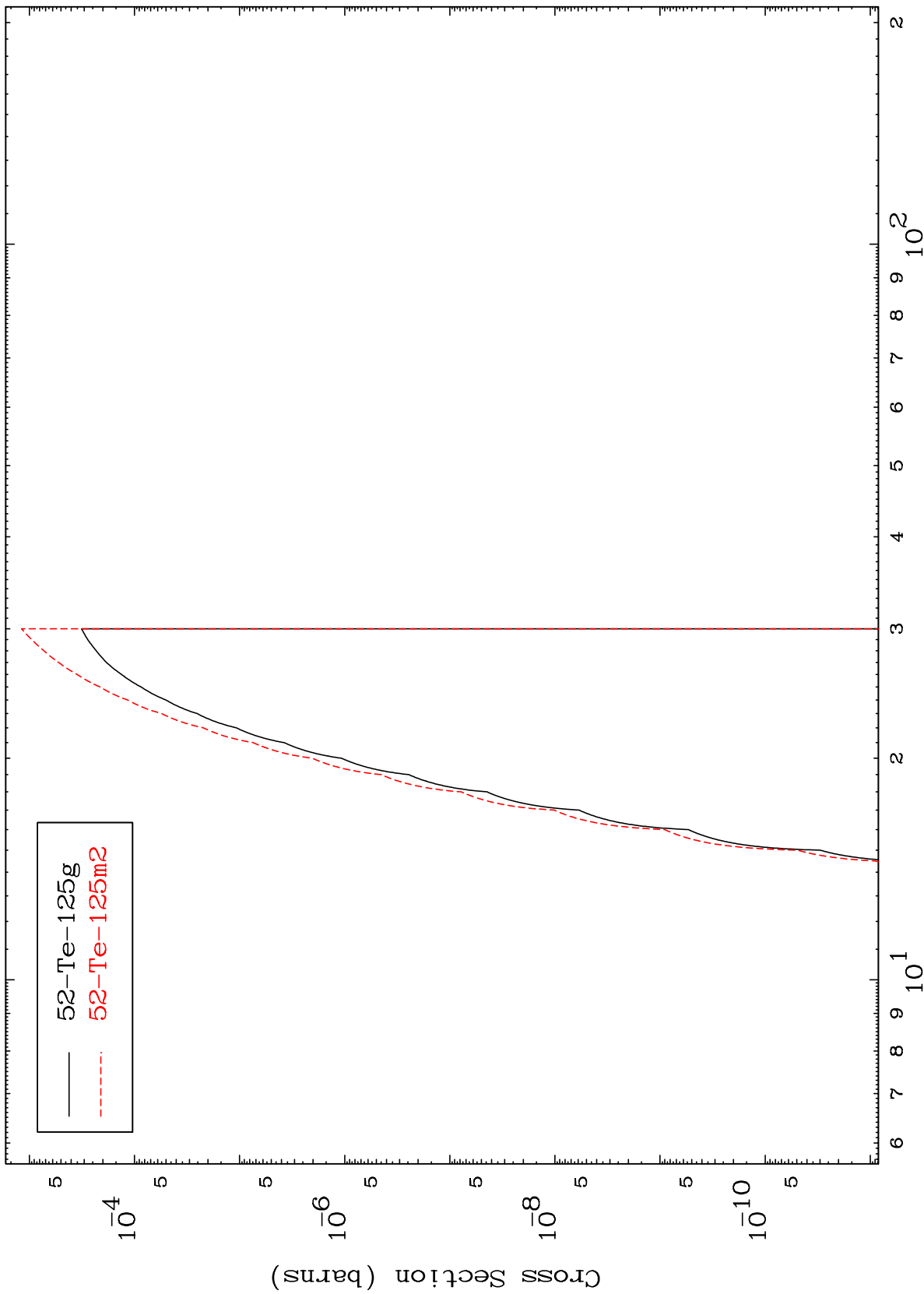
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

Radionuclide Production Cross Section
(n,He-3)

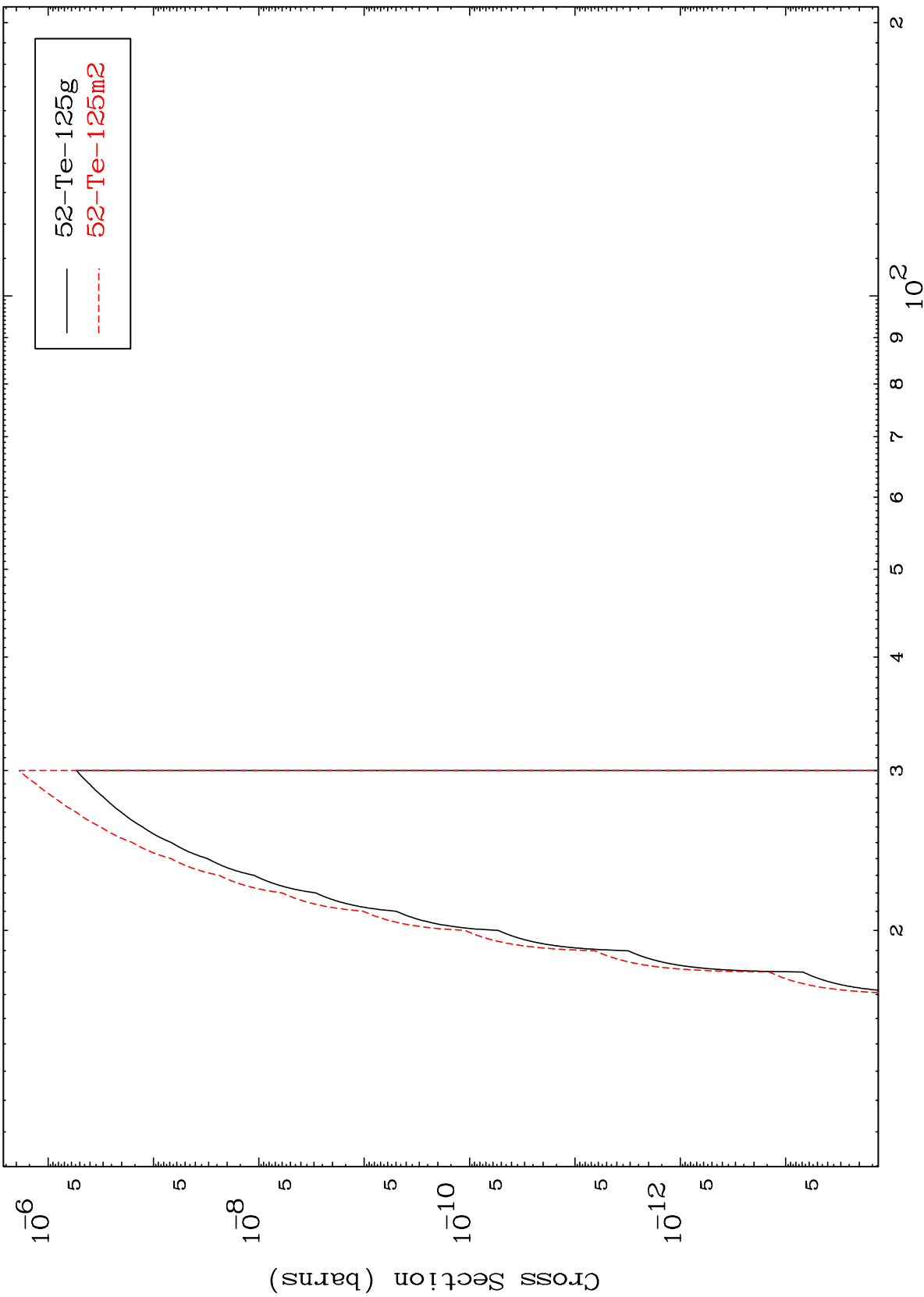


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Incident Energy (MeV)

54-Xe-127

Radionuclide Production Cross Section

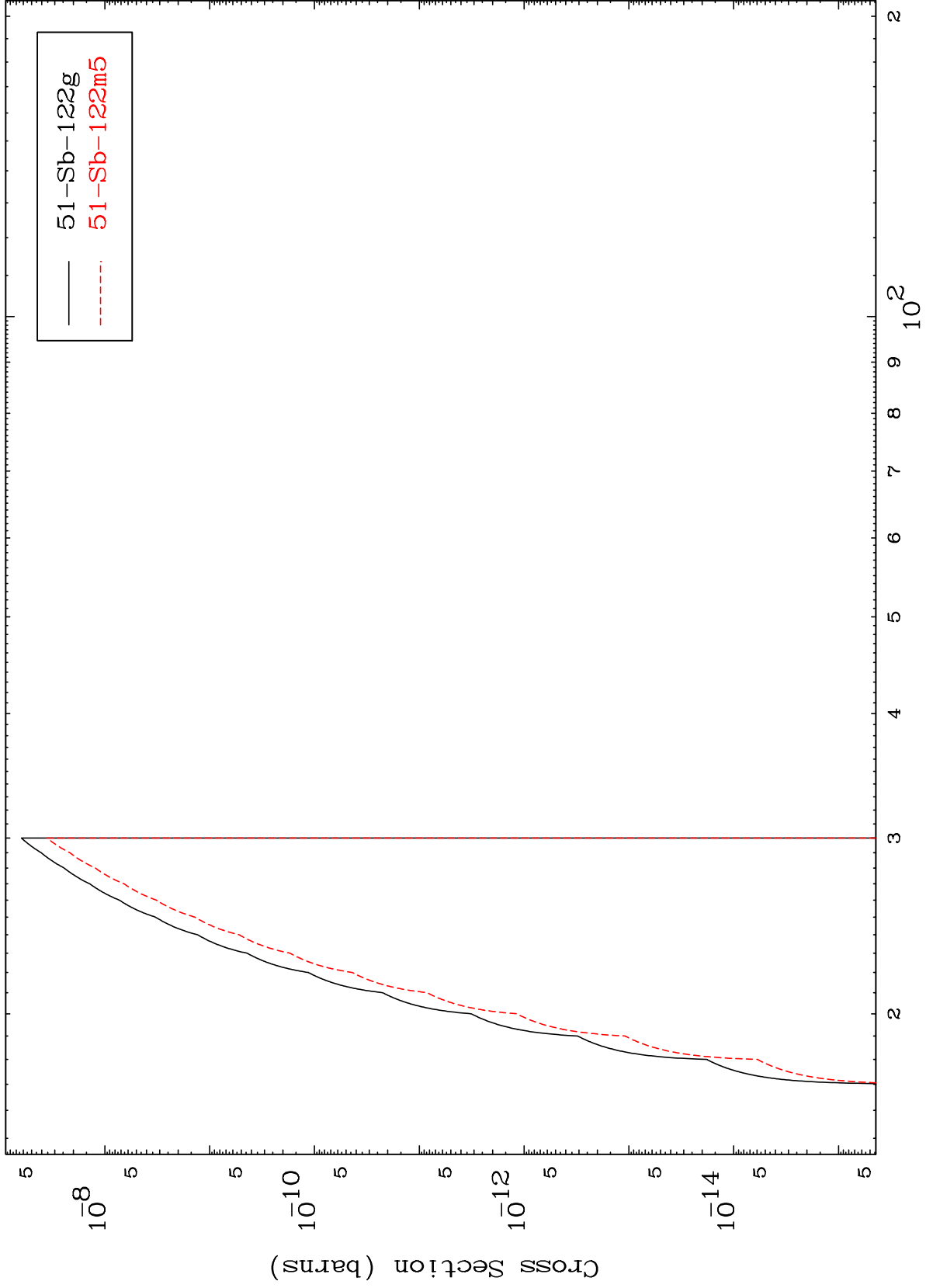


MAT 5435

(n,d) α

54-Xe-127

Radionuclide Production Cross Section



28

Incident Energy (MeV)

54-Xe-127