

Program EVALPLOT
(Version 2018-1)

by

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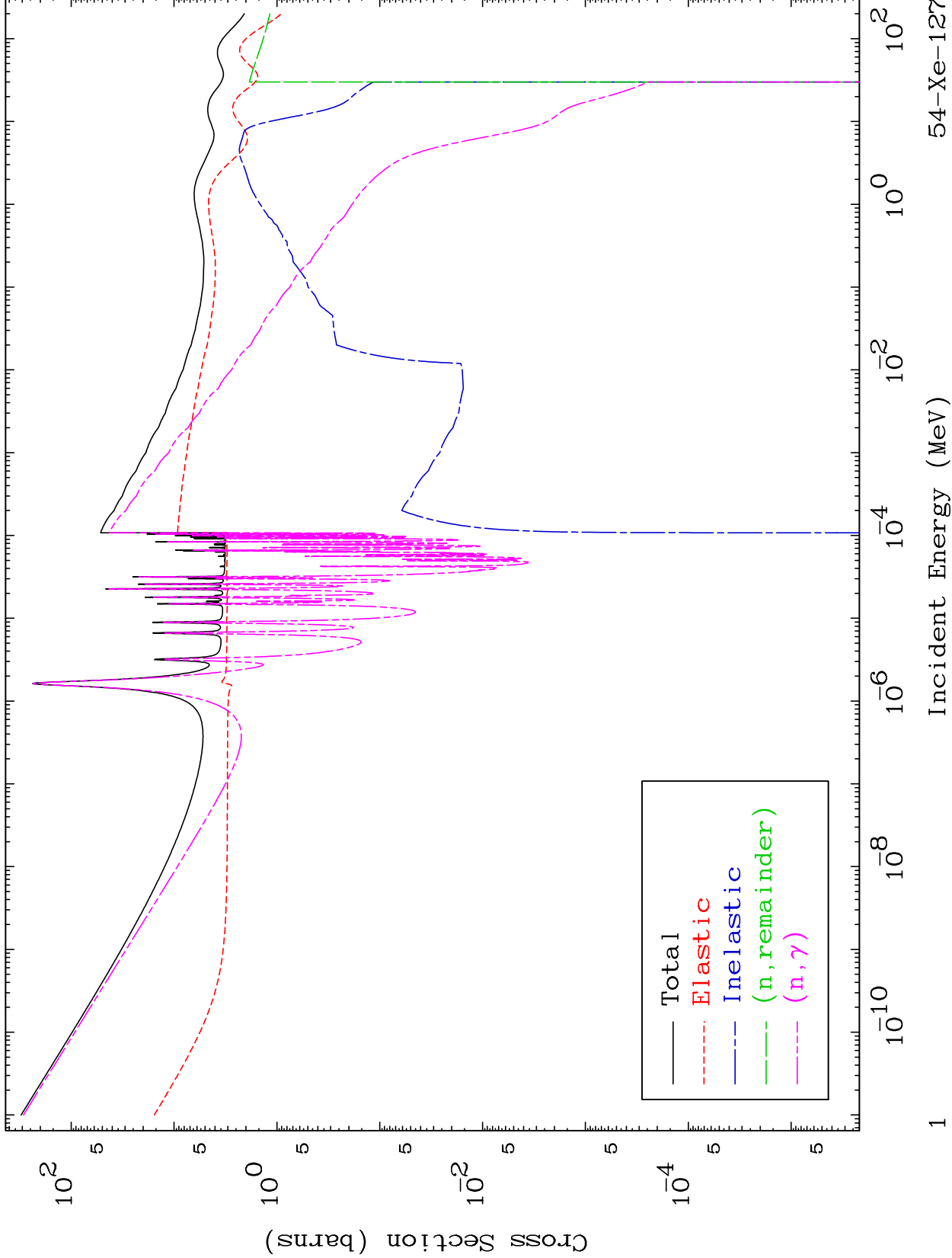
Press Mouse Button to Start

MAT 5435

Major

293 Kelvin Cross Sections

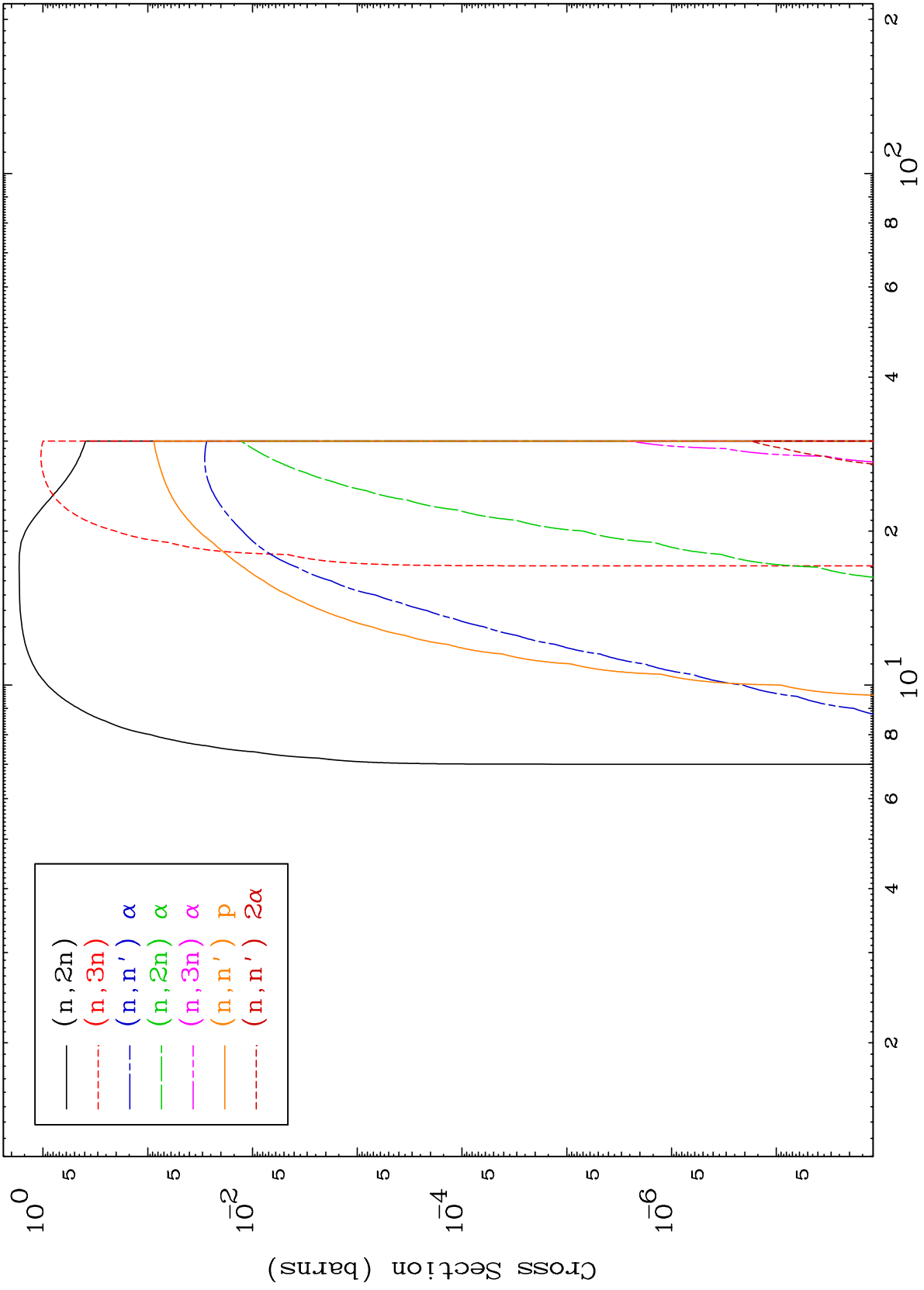
54-Xe-127

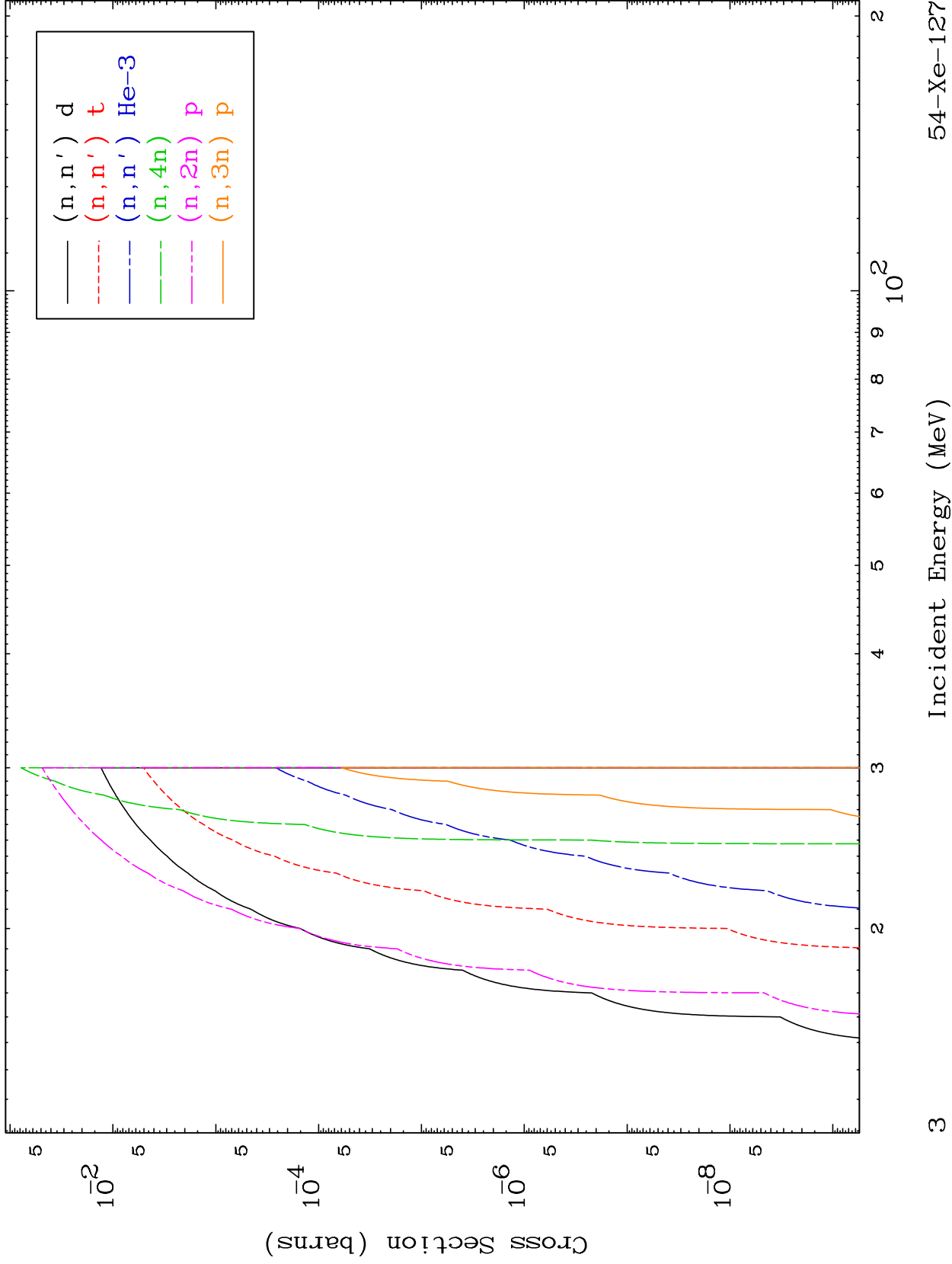


MAT 5435

Neutron Production
293 Kelvin Cross Sections

54-Xe-127

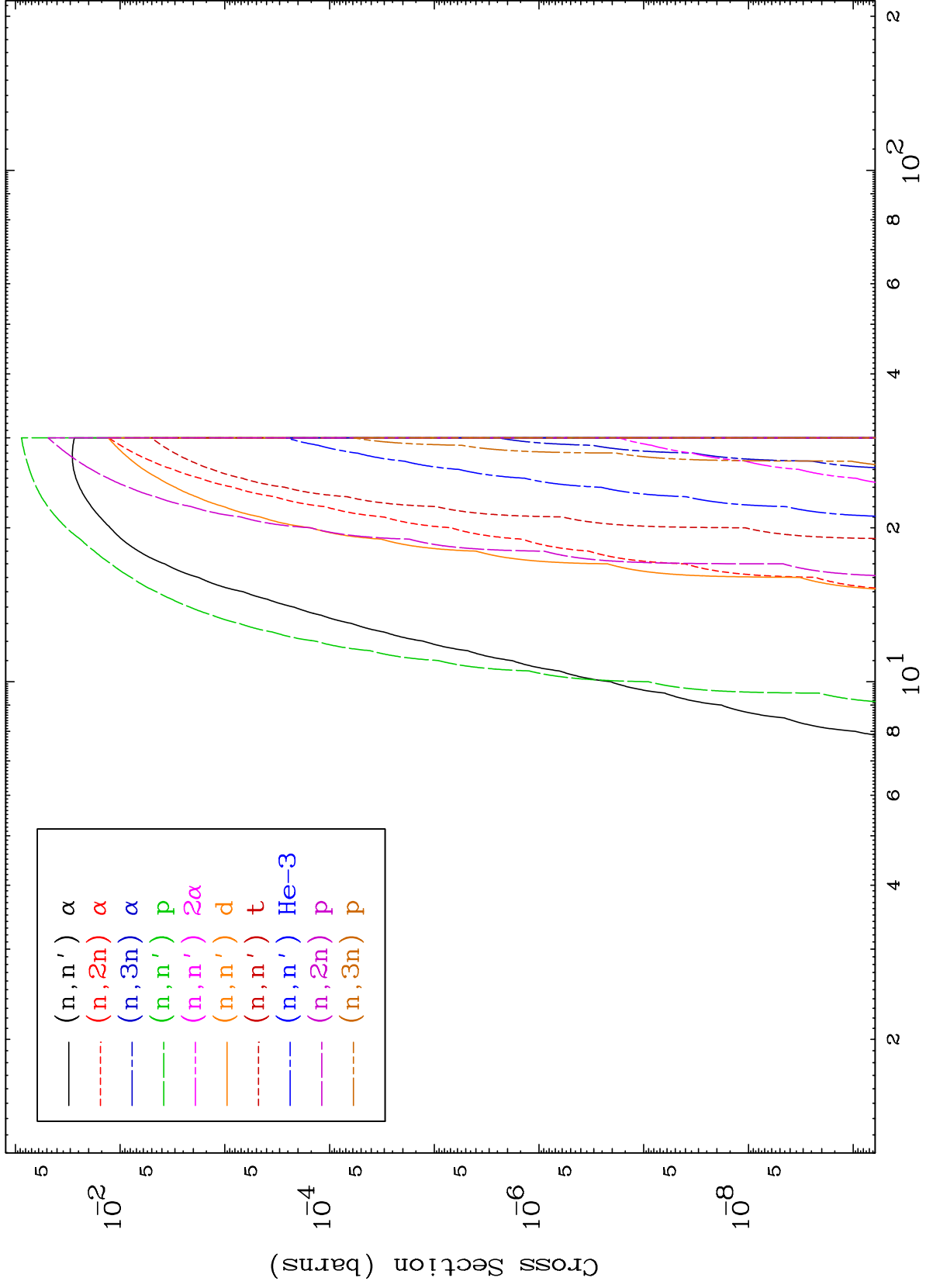




MAT 5435

Charged Particle
293 Kelvin Cross Sections

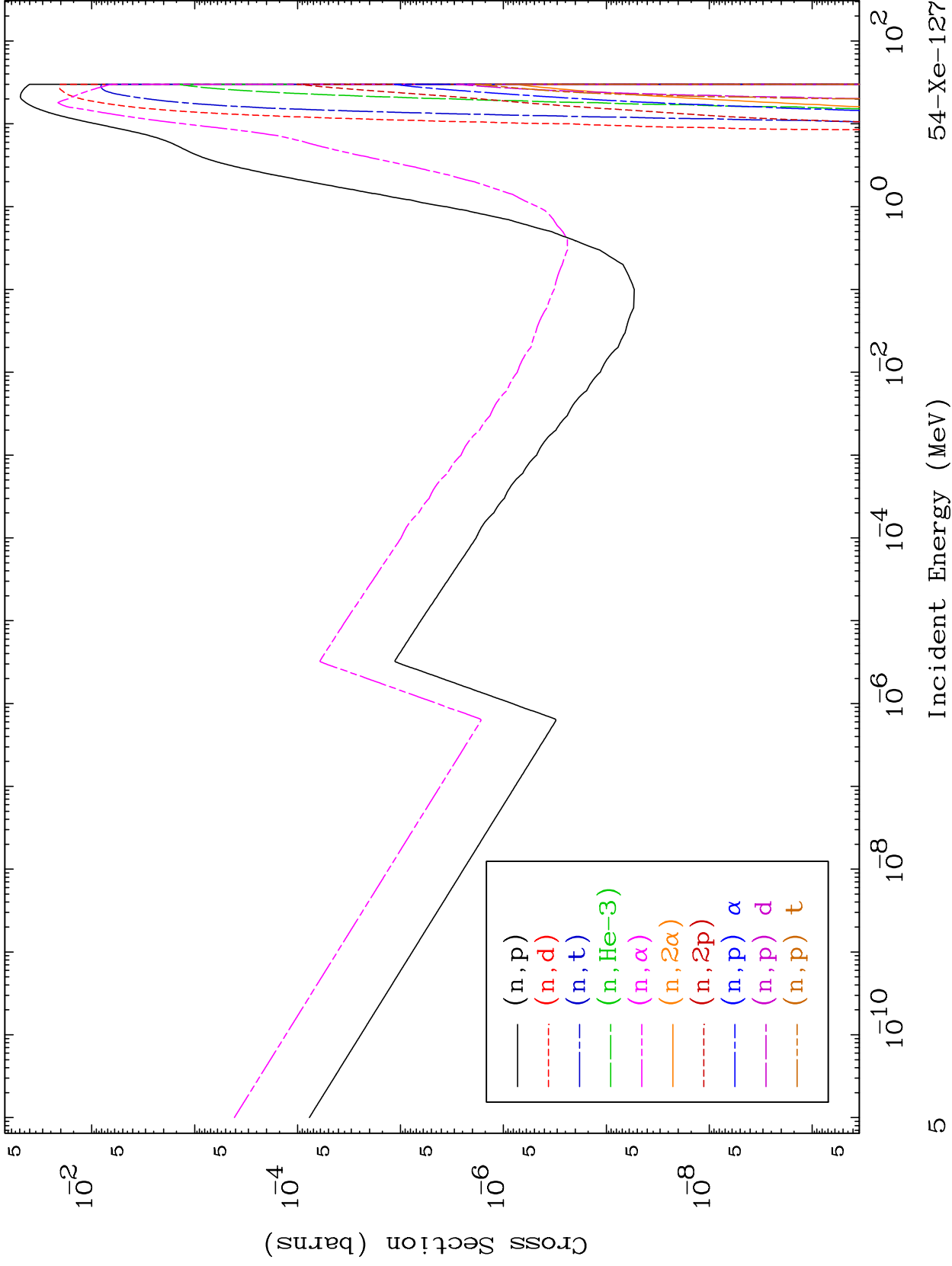
54-Xe-127



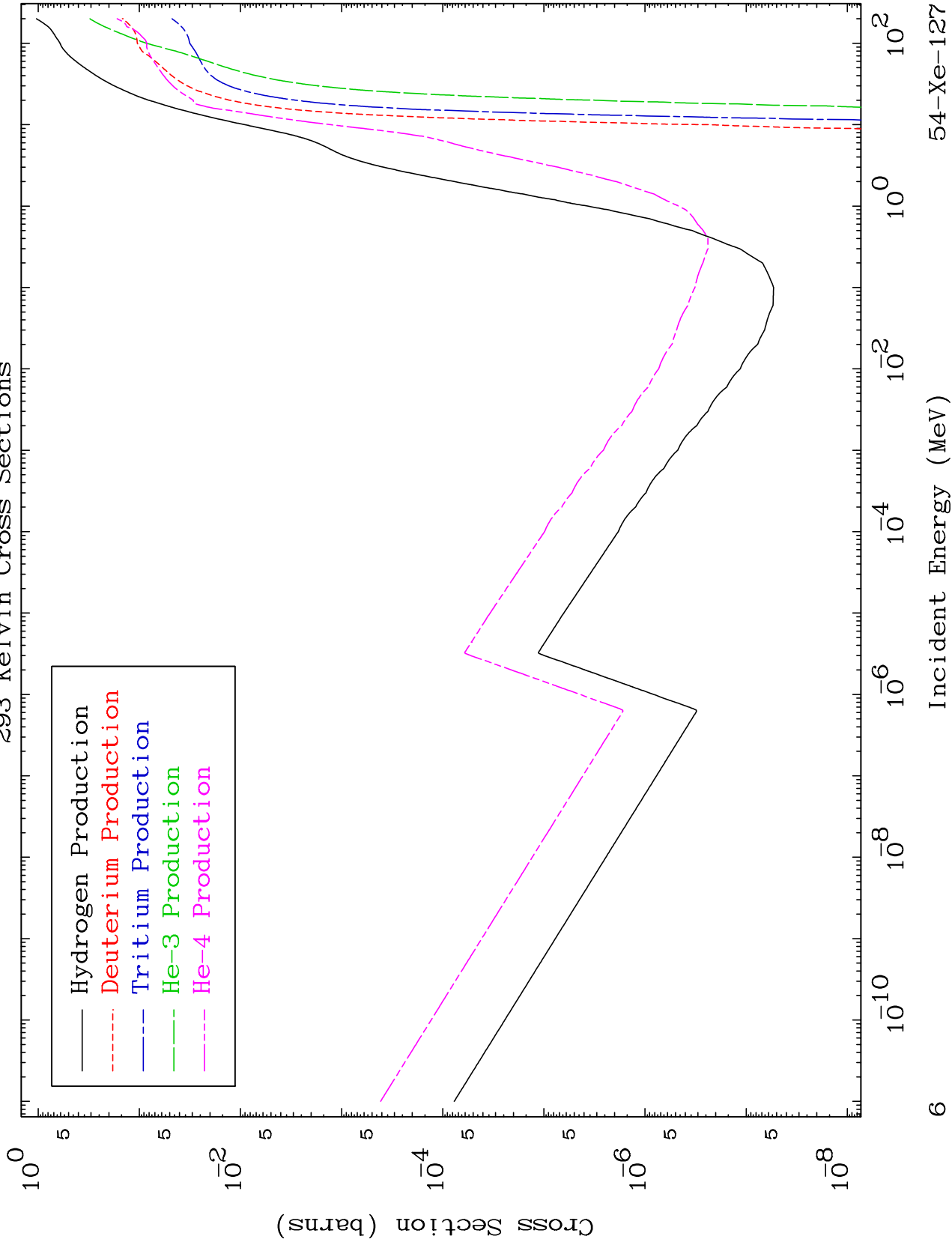
MAT 5435

Charged Particle
293 Kelvin Cross Sections

54-Xe-127



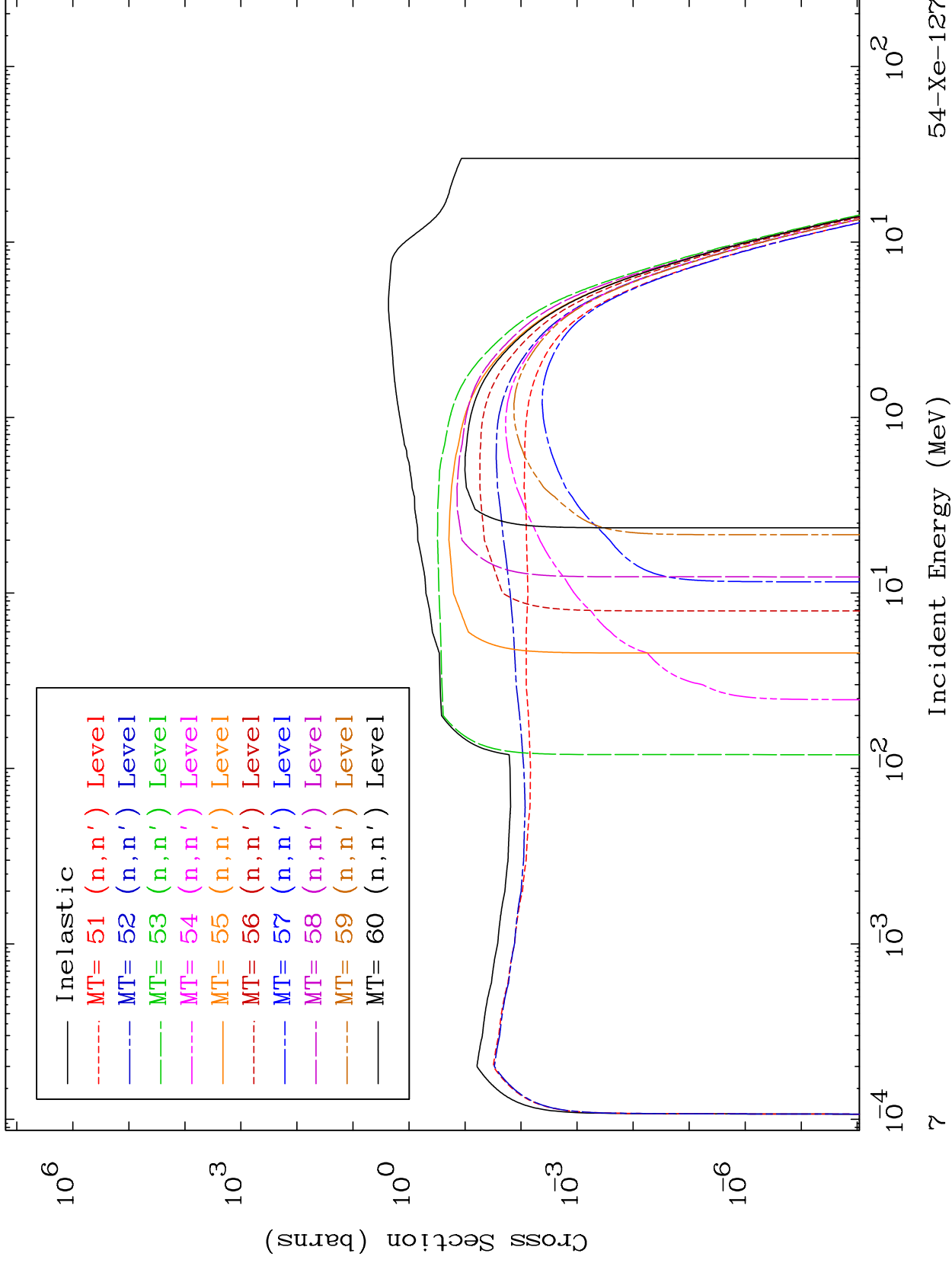
5



MAT 5435

(n,n') Level
293 Kelvin Cross Sections

54-Xe-127

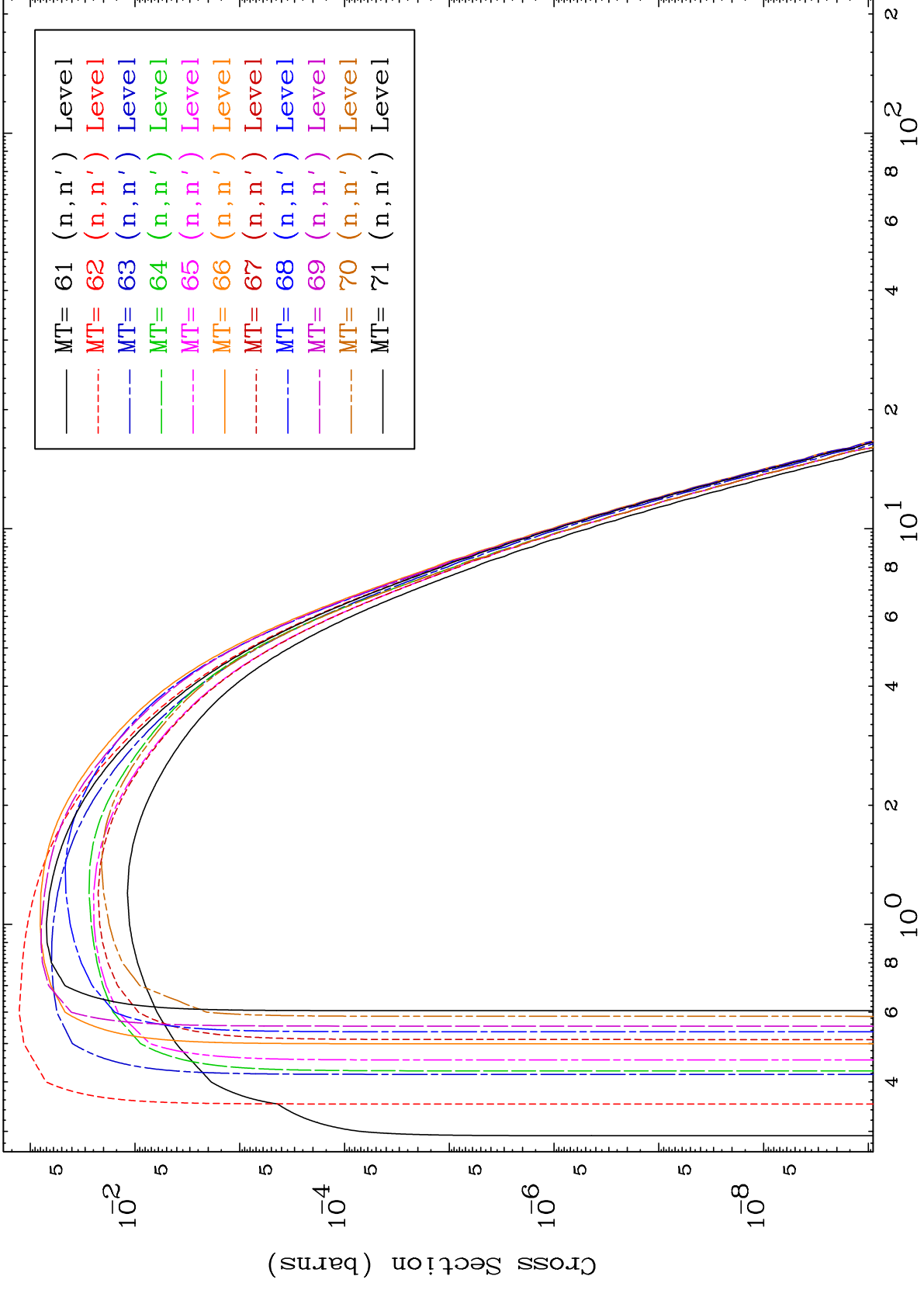


MAT 5435

(n,n') Level

54-Xe-127

293 Kelvin Cross Sections



Line Style	MT=	(n, n')	Level
Solid	61	(n, n')	Level
Dashed	62	(n, n')	Level
Dashed	63	(n, n')	Level
Dashed	64	(n, n')	Level
Dashed	65	(n, n')	Level
Dashed	66	(n, n')	Level
Dashed	67	(n, n')	Level
Dashed	68	(n, n')	Level
Dashed	69	(n, n')	Level
Dashed	70	(n, n')	Level
Solid	71	(n, n')	Level

8

Incident Energy (MeV)

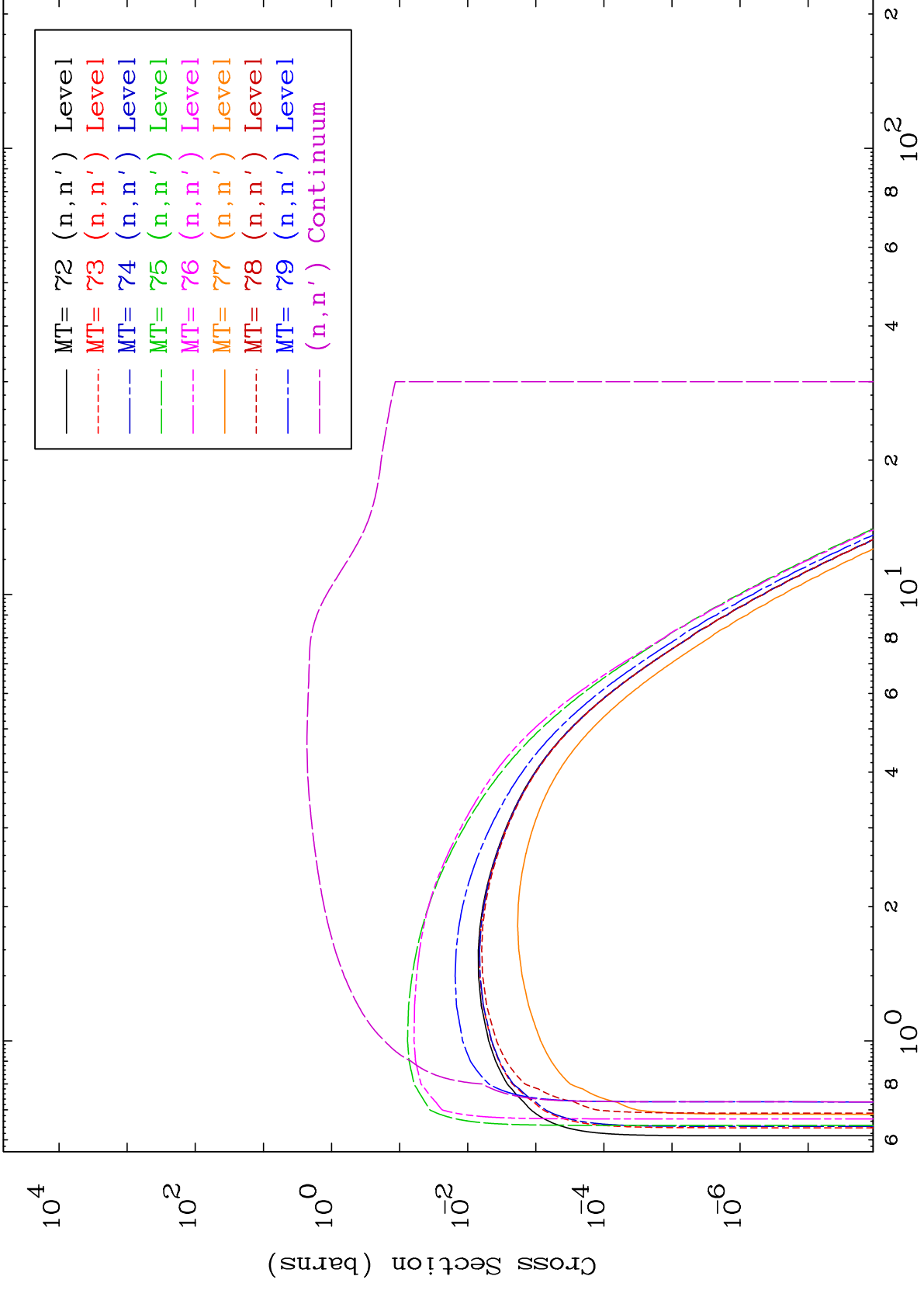
54-Xe-127

MAT 5435

(n,n') Level

293 Kelvin Cross Sections

54-Xe-127



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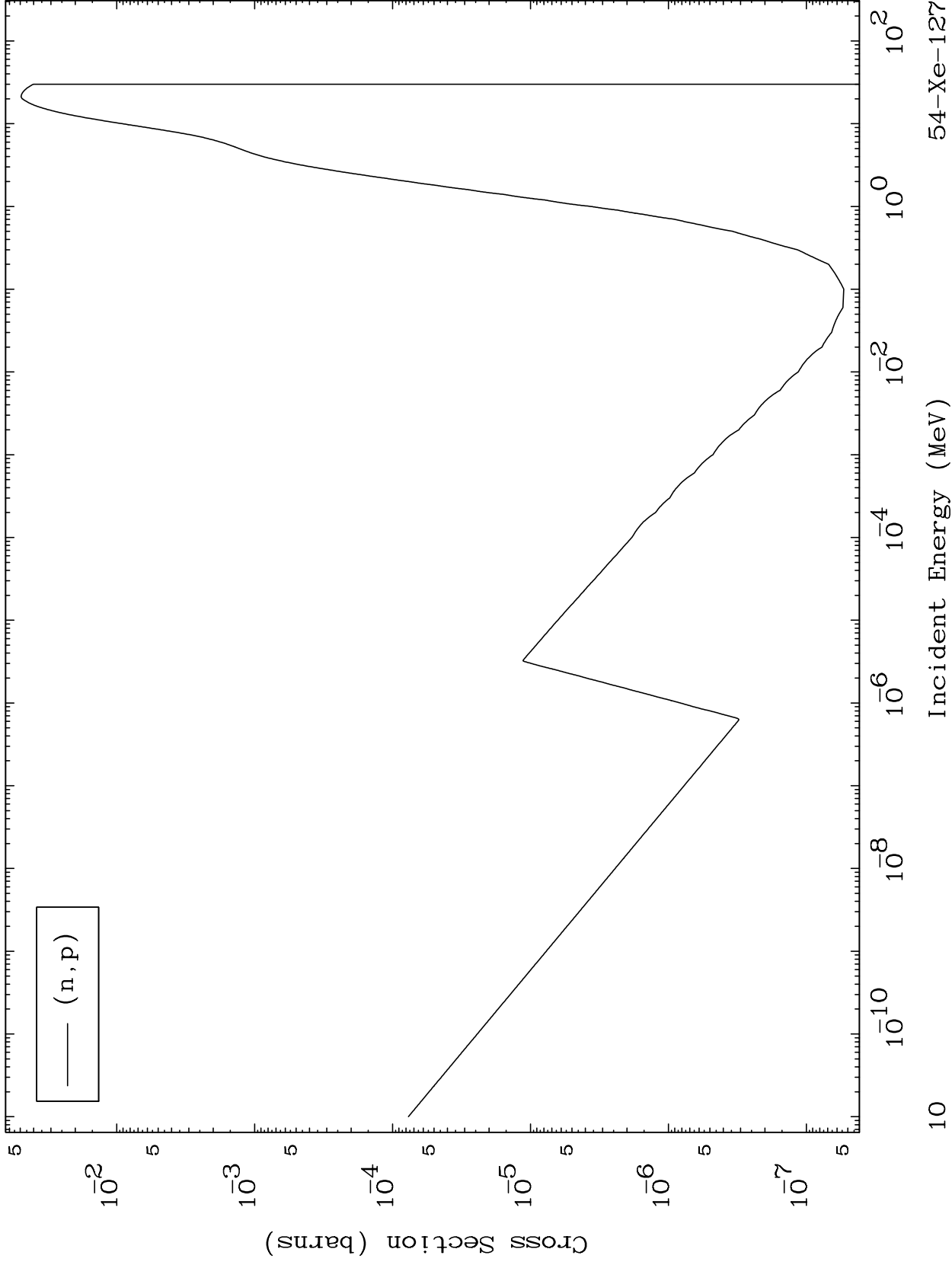
Incident Energy (MeV)

54-Xe-127

MAT 5435

(n,p) Levels
293 Kelvin Cross Sections

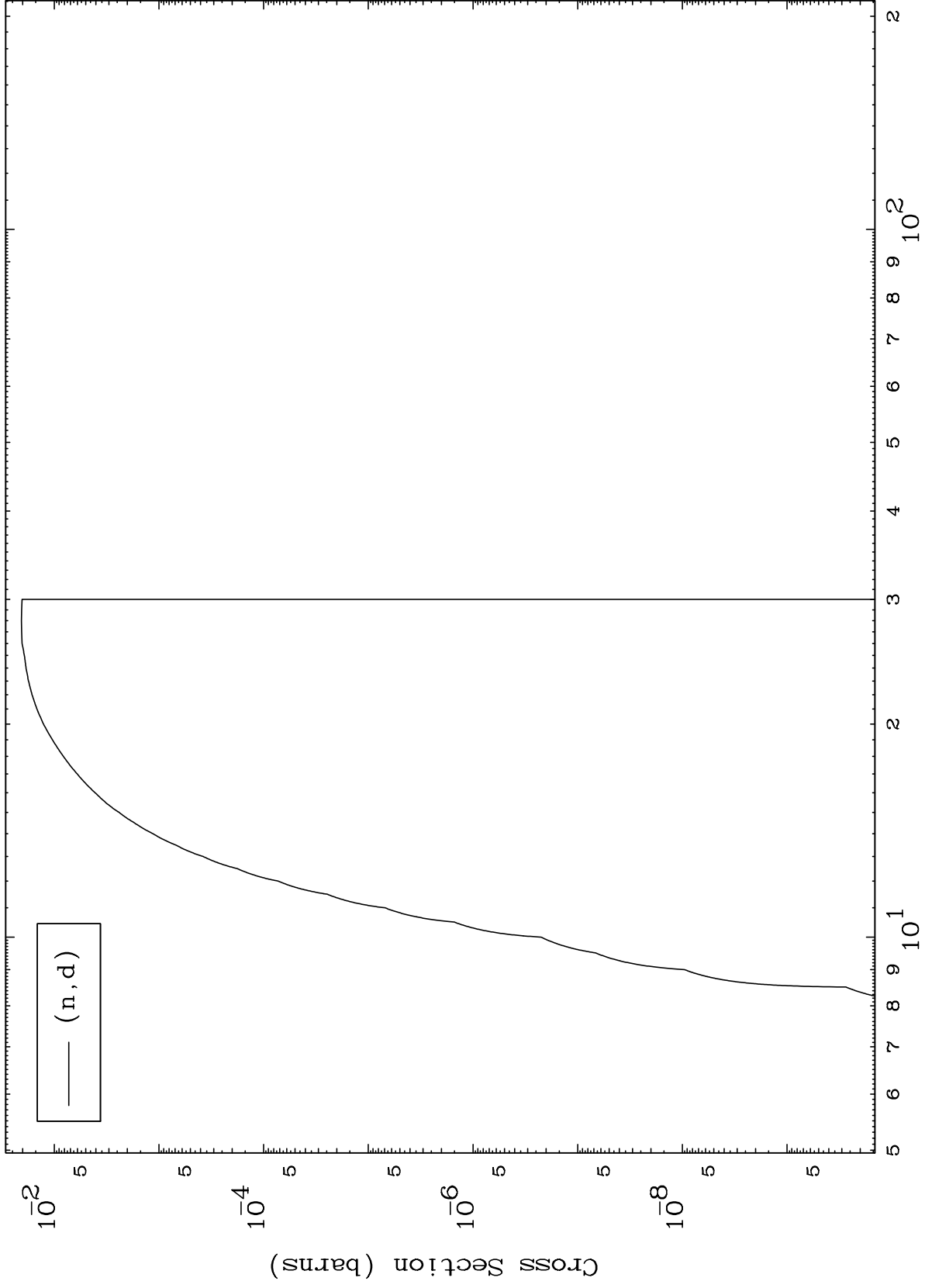
54-Xe-127



MAT 5435

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-127



11

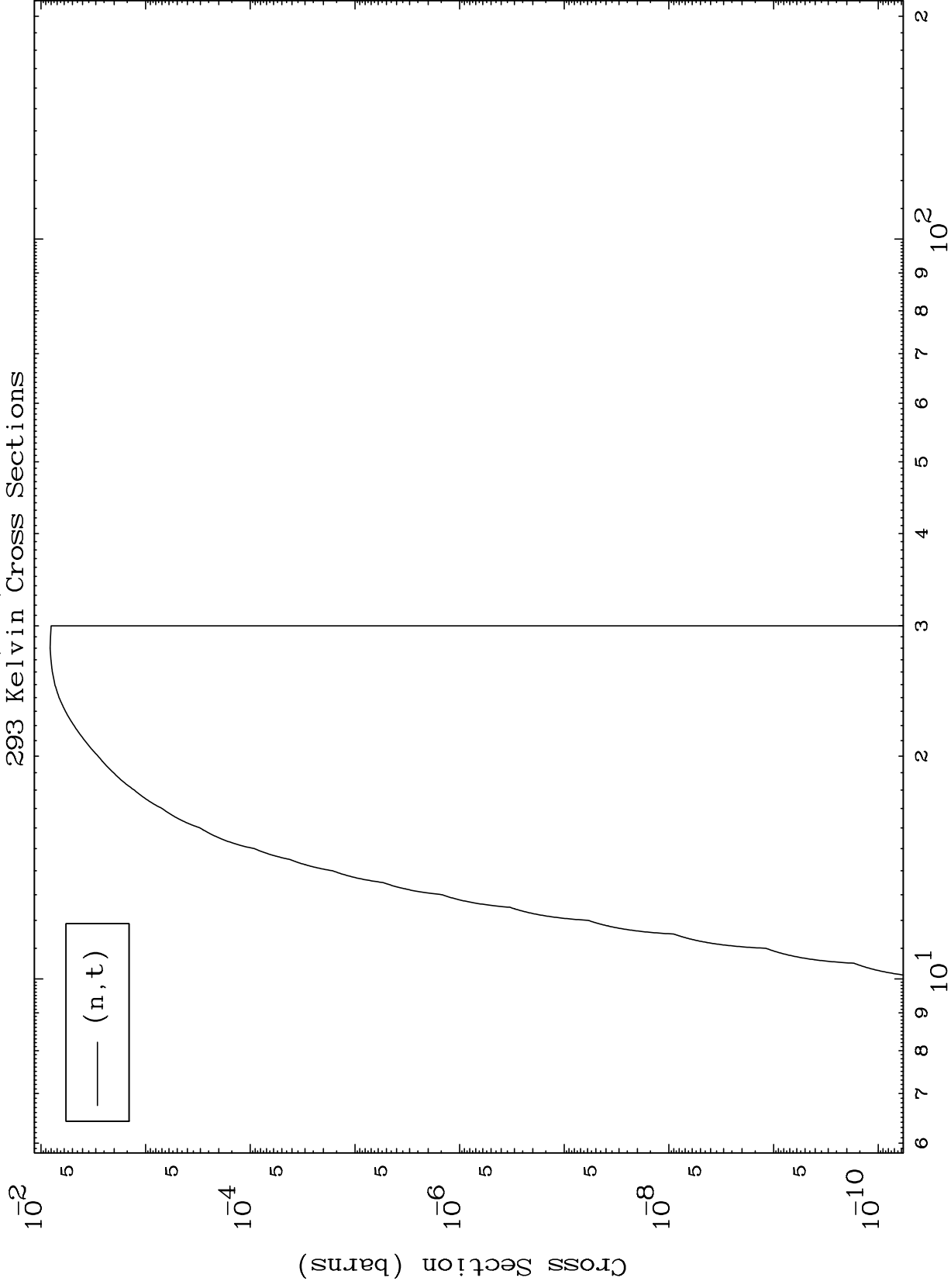
Incident Energy (MeV)

54-Xe-127

MAT 5435

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-127



12

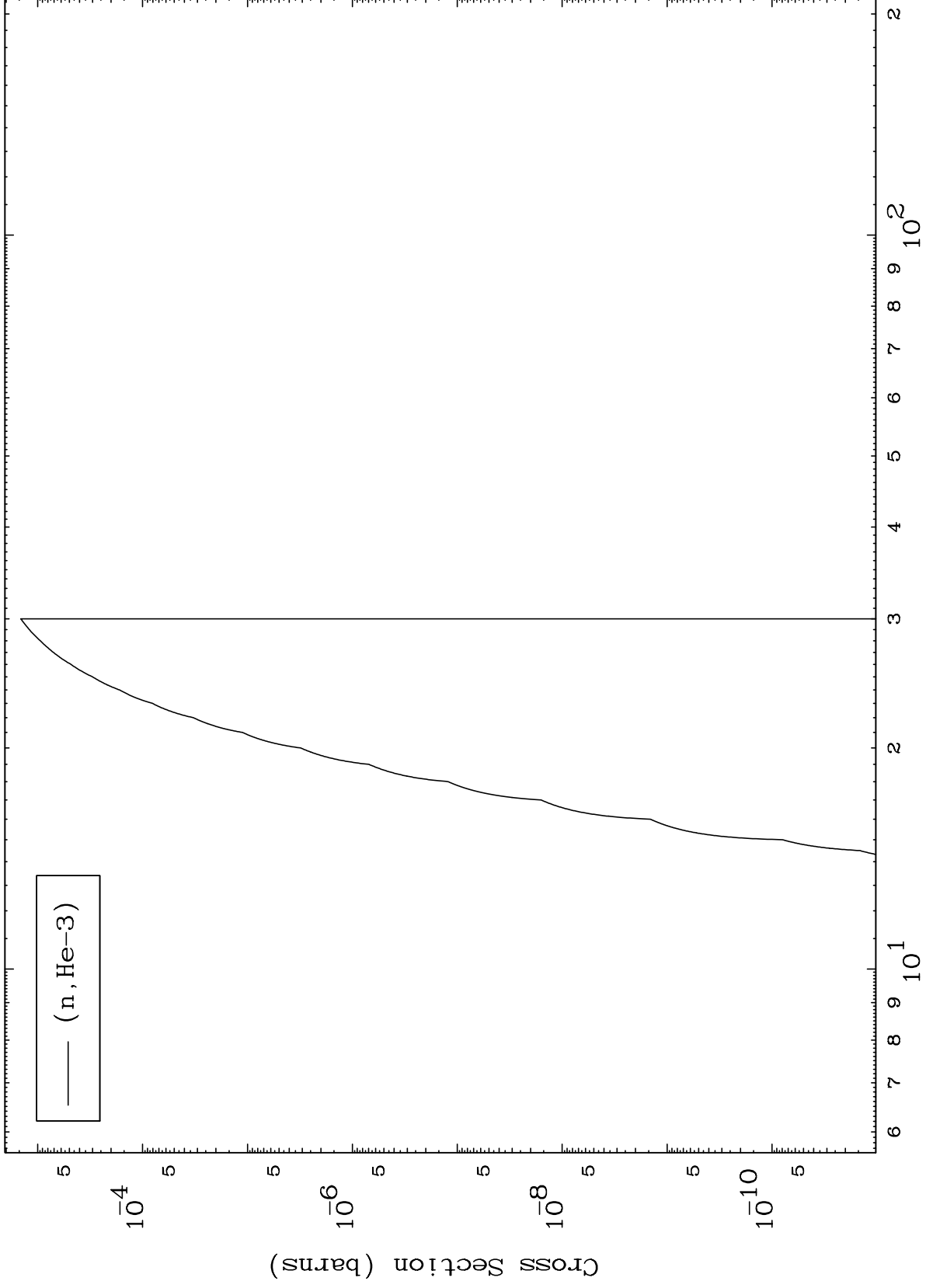
Incident Energy (MeV)

54-Xe-127

MAT 5435

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-127



13

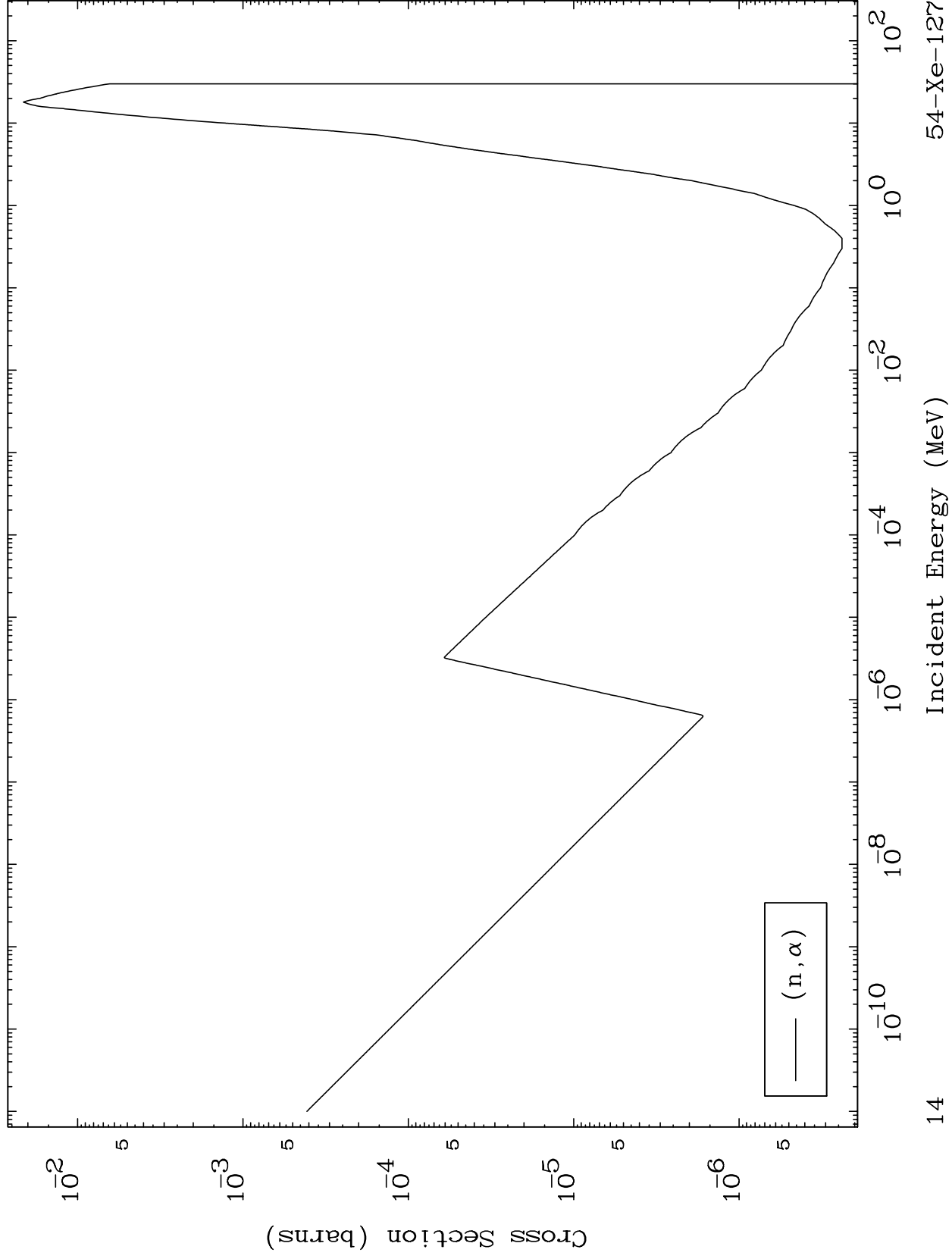
Incident Energy (MeV)

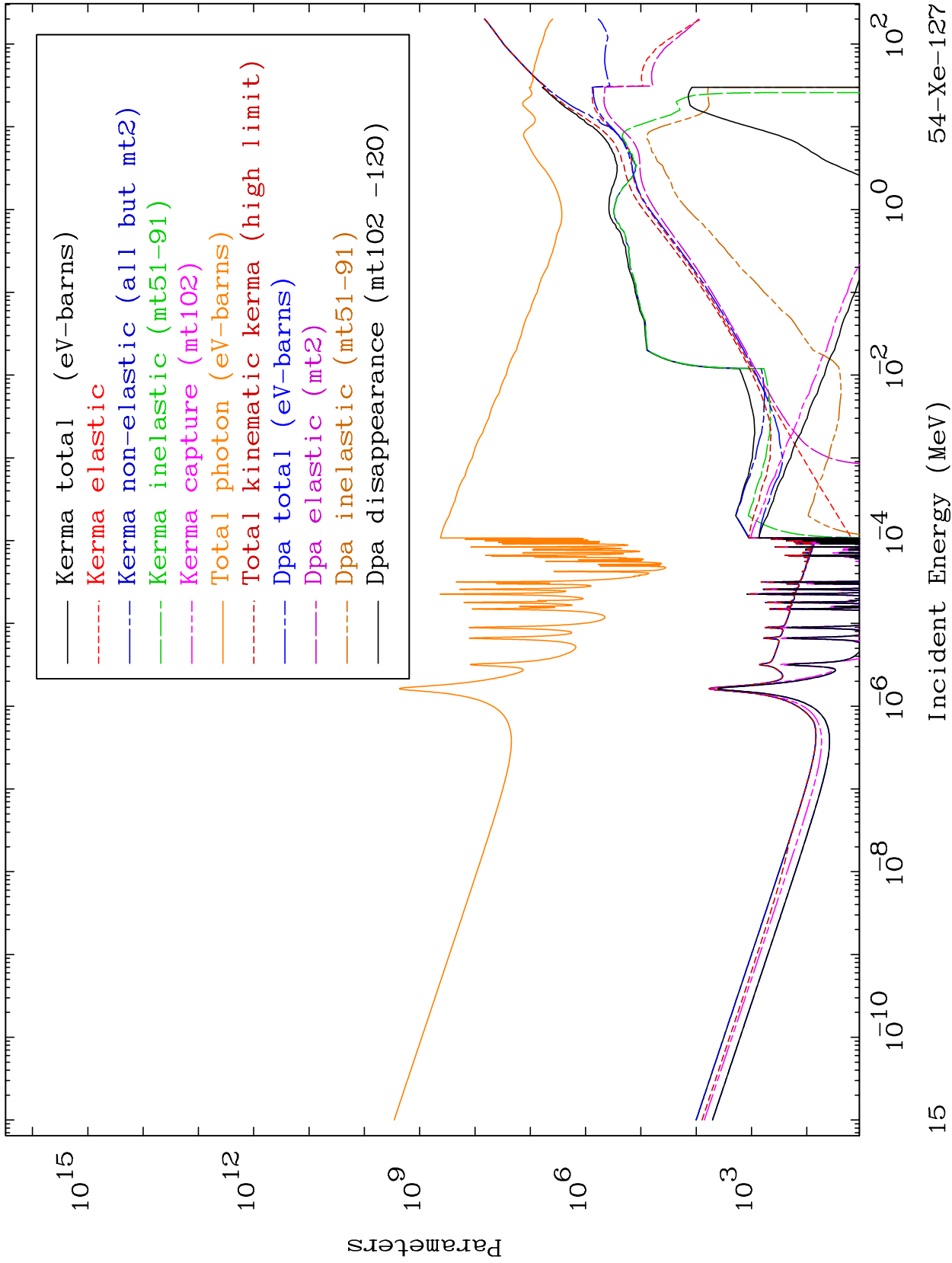
54-Xe-127

MAT 5435

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-127

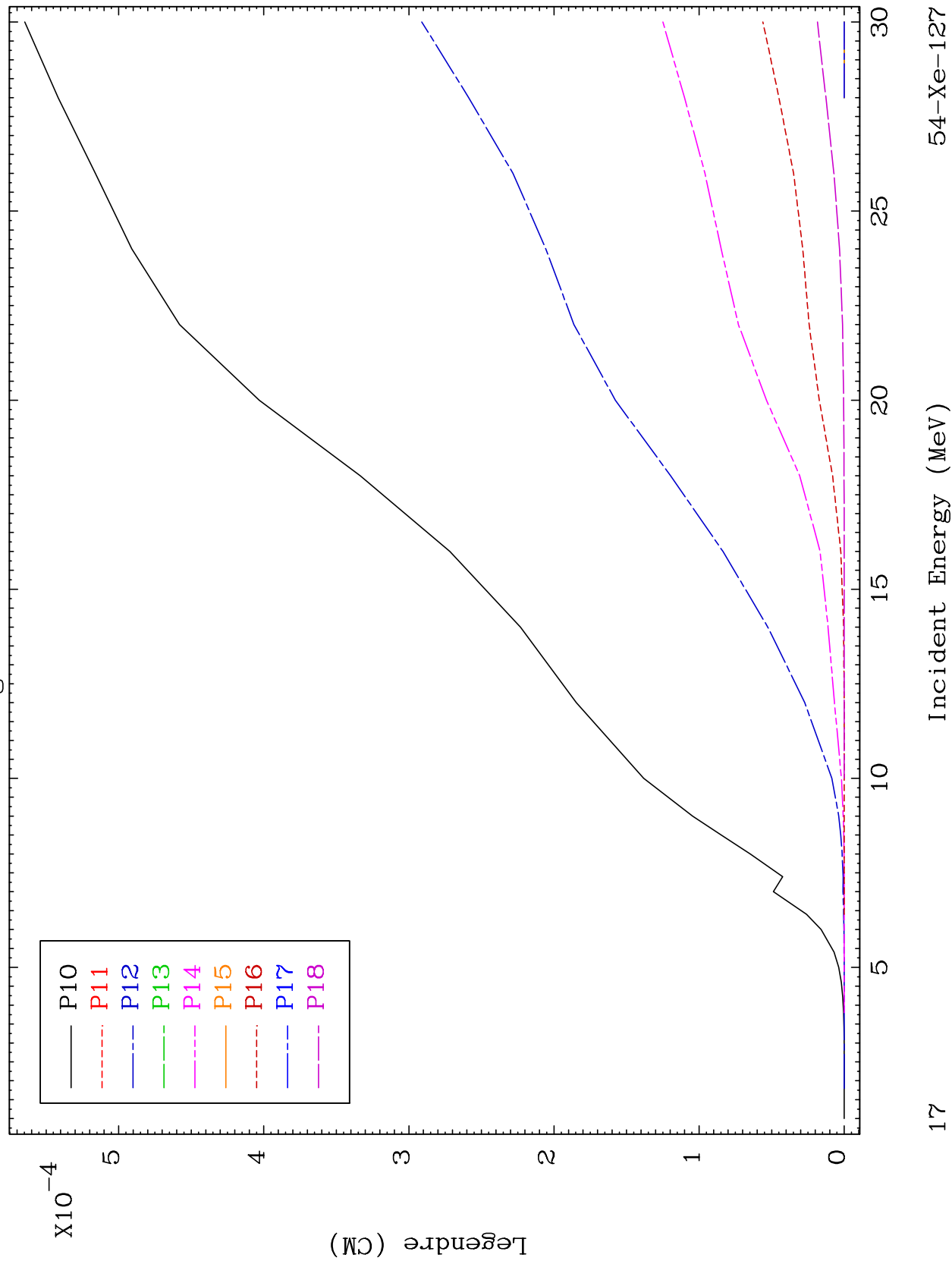




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Elastic Legendre Coefficients

54-Xe-127



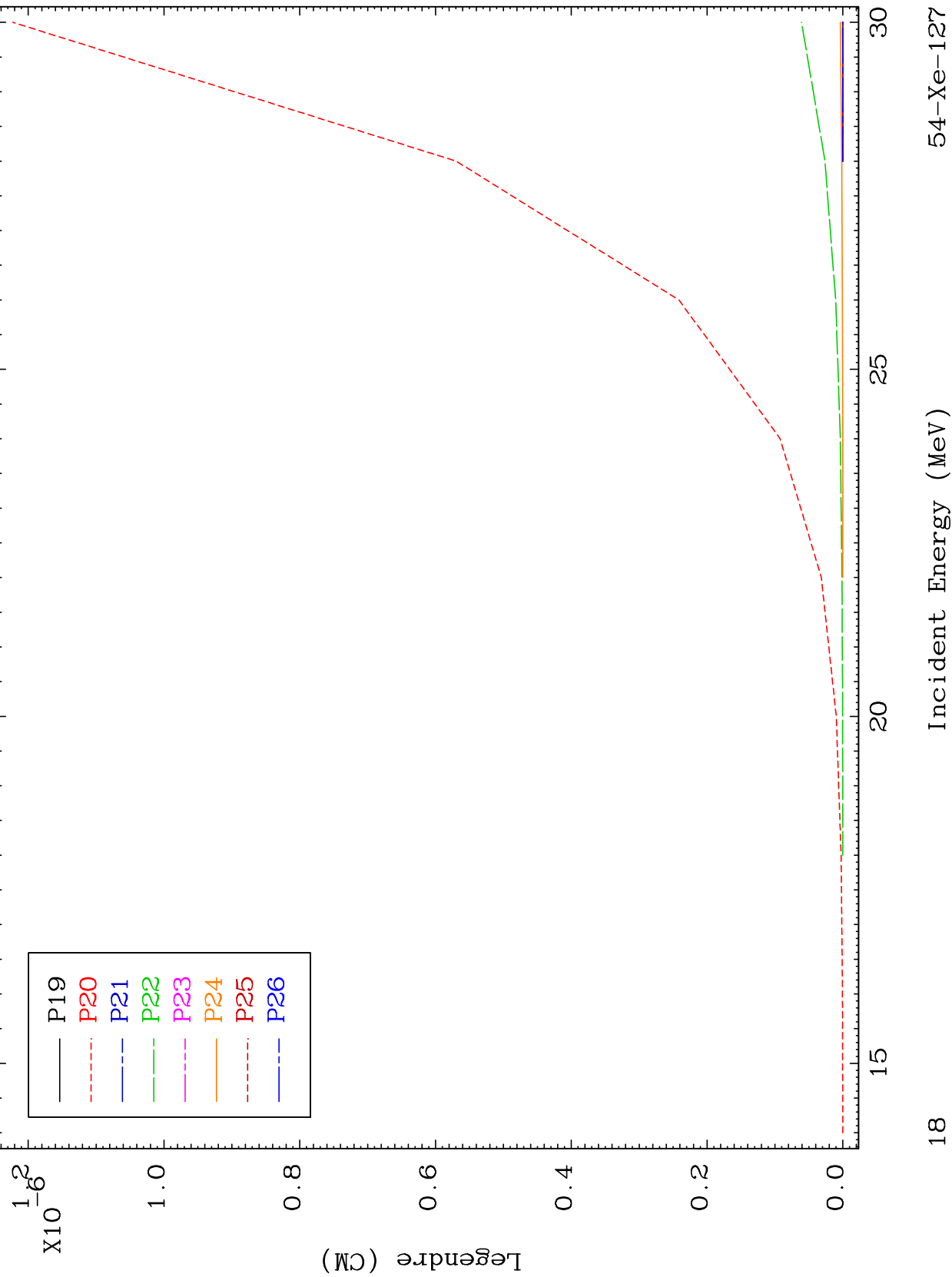
17

54-Xe-127

MAT 5435

Elastic
Legendre Coefficients

54-Xe-127



18

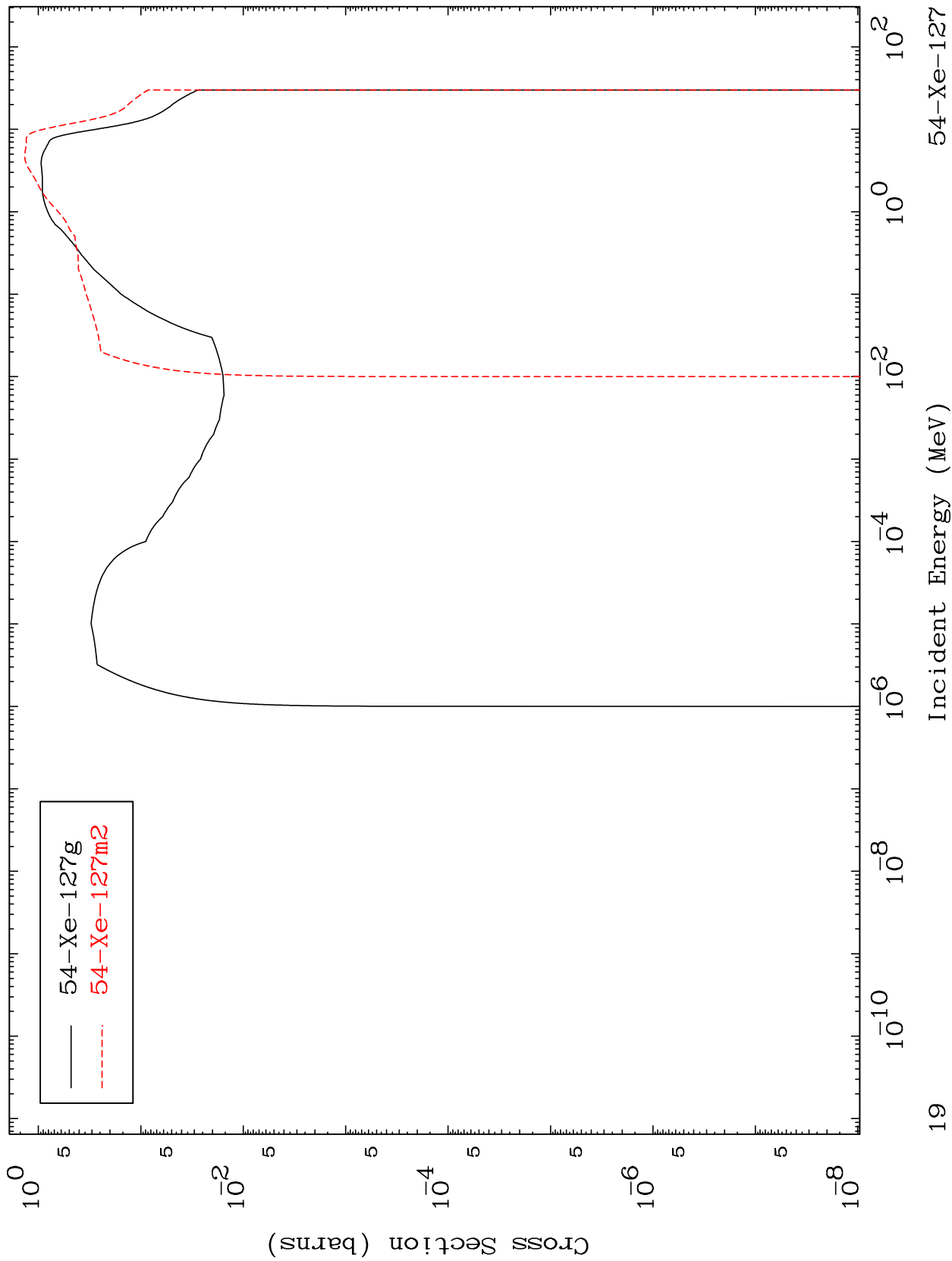
Incident Energy (MeV)

54-Xe-127

MAT 5435

54-Xe-127

Inelastic
Radionuclide Production Cross Section

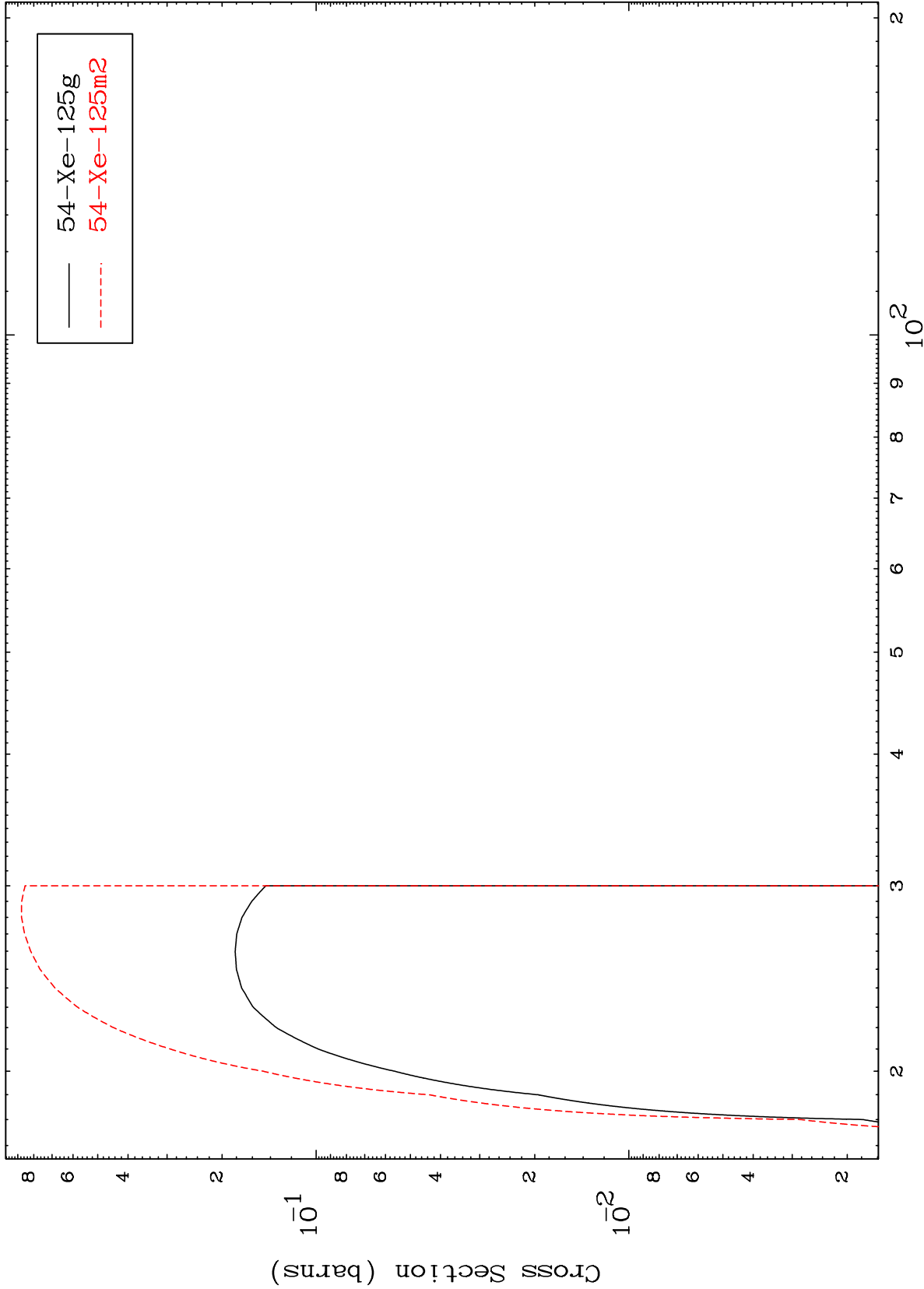


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(n,3n)

54-Xe-127

Radionuclide Production Cross Section



20

Incident Energy (MeV)

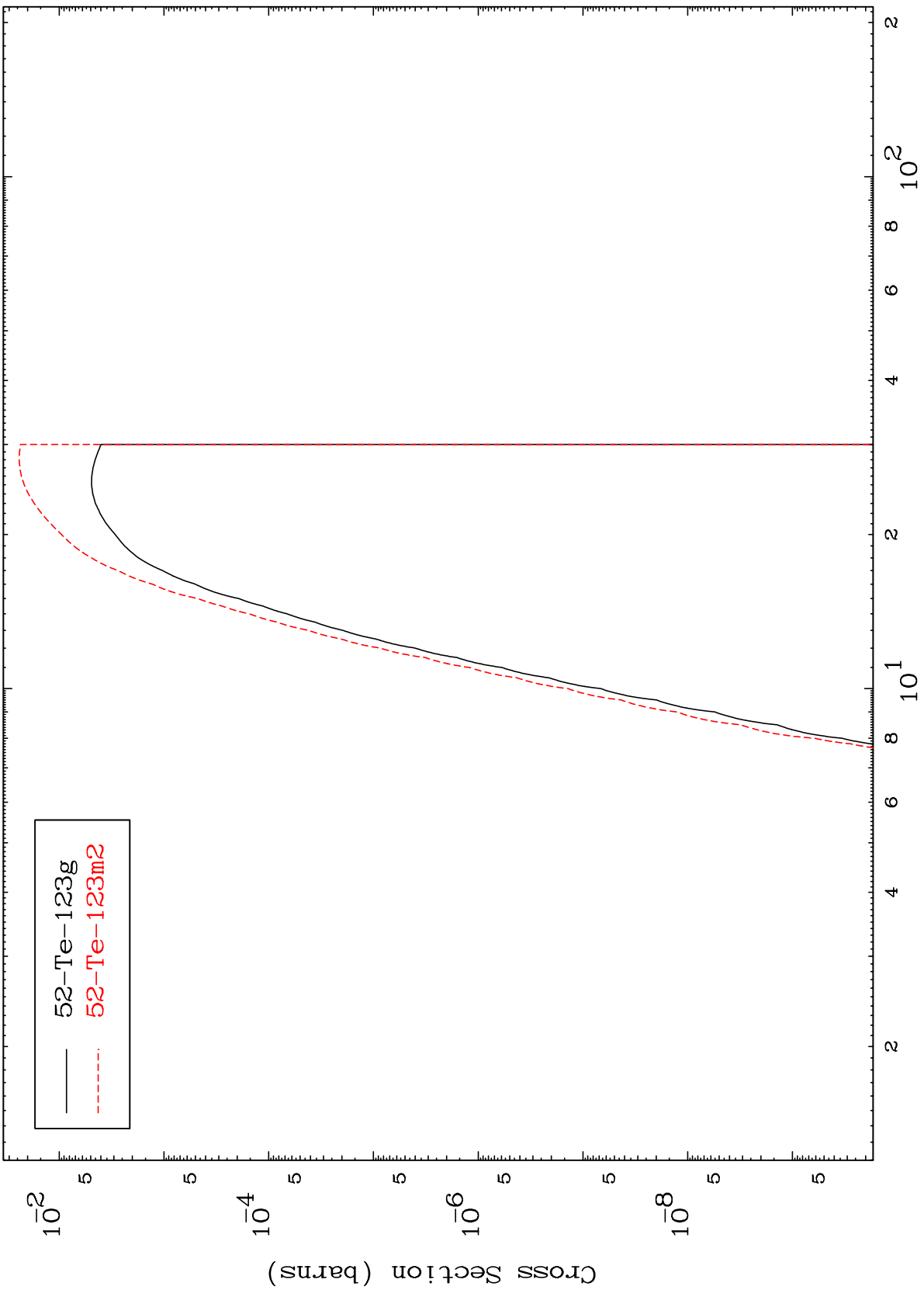
54-Xe-127

MAT 5435

(n,n') α

54-Xe-127

Radionuclide Production Cross Section

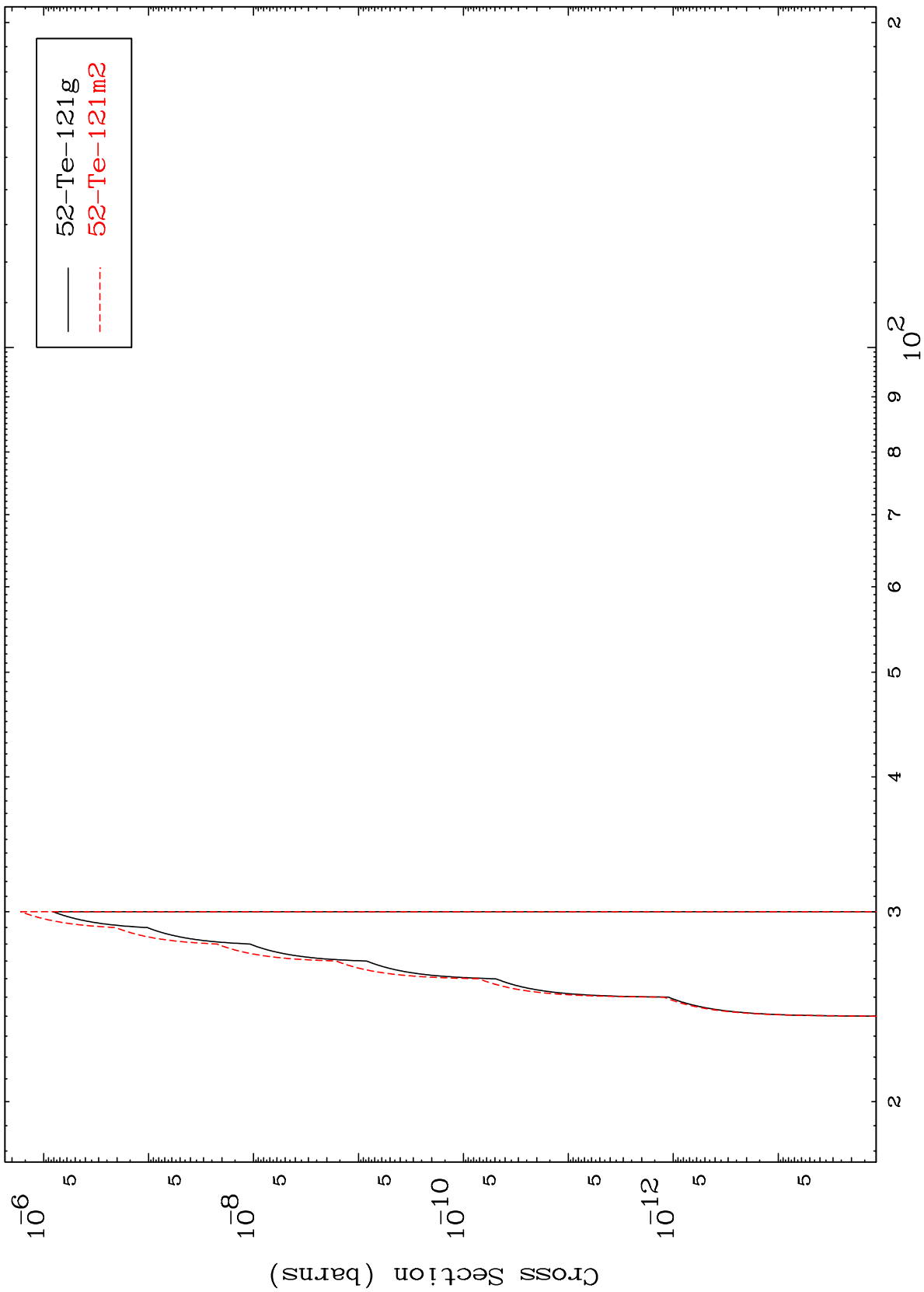


MAT 5435

(n,3n) α

54-Xe-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

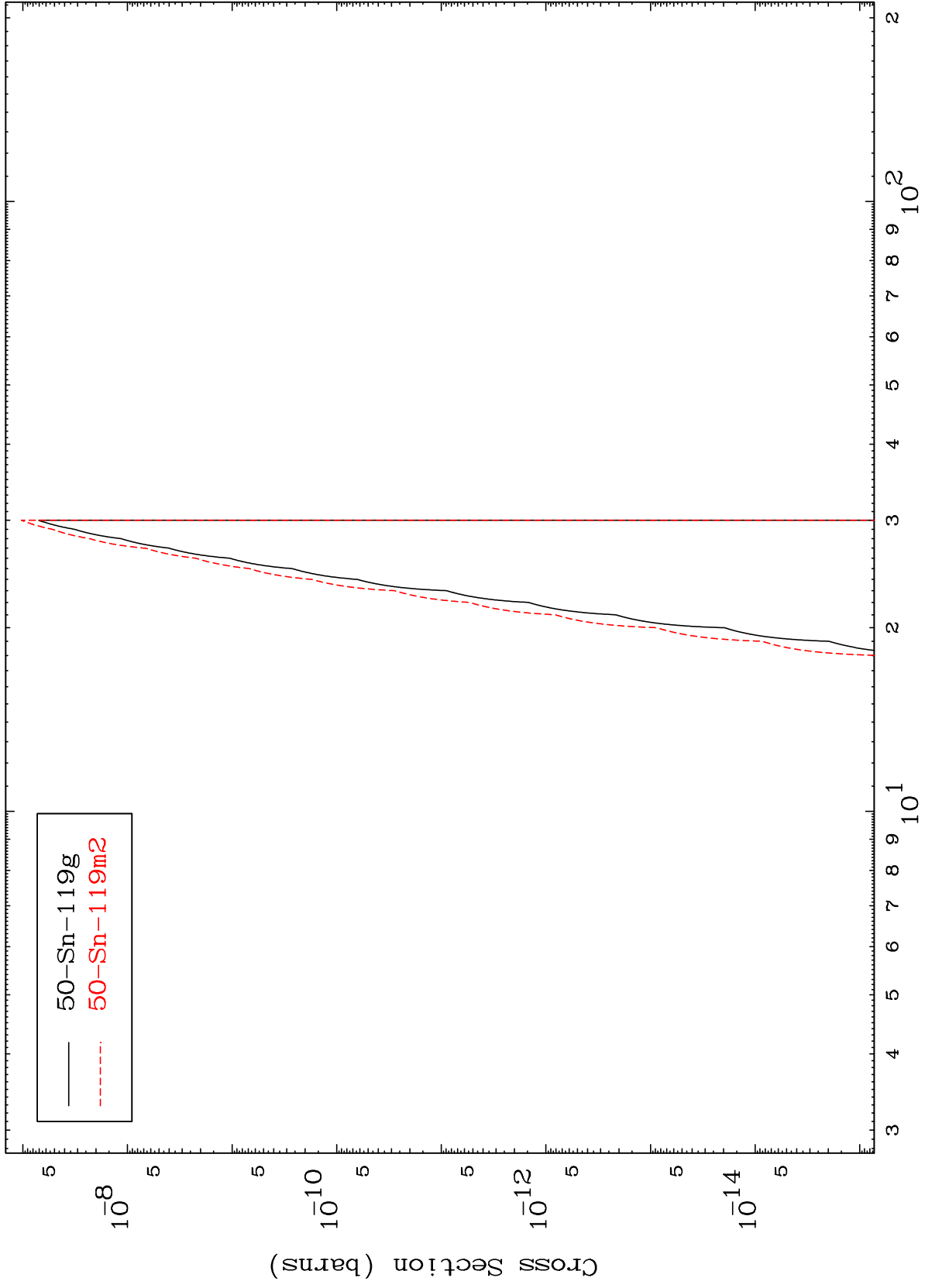
54-Xe-127

MAT 5435

(n,n') 2α

54-Xe-127

Radionuclide Production Cross Section

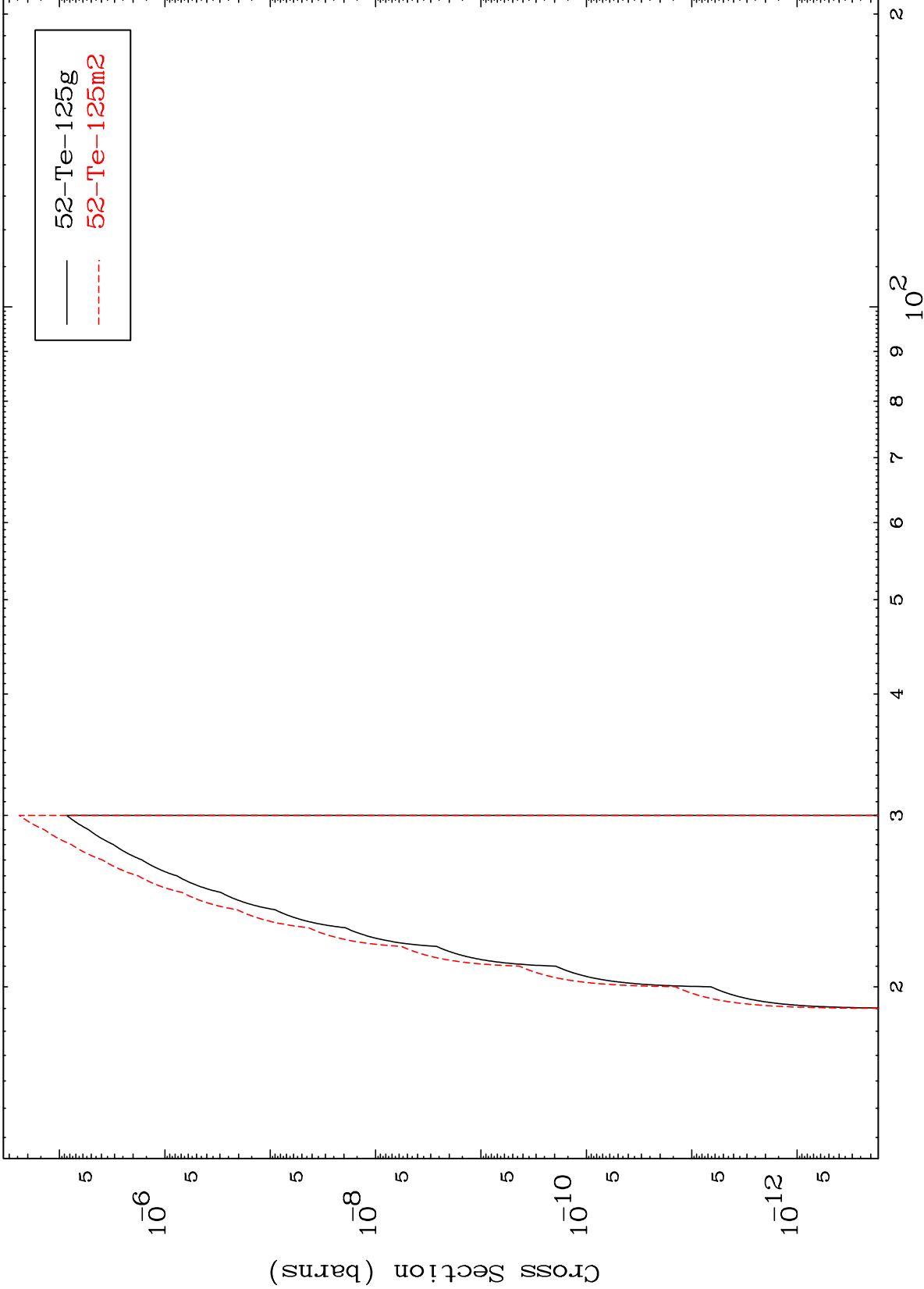


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(n,2n) p

54-Xe-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

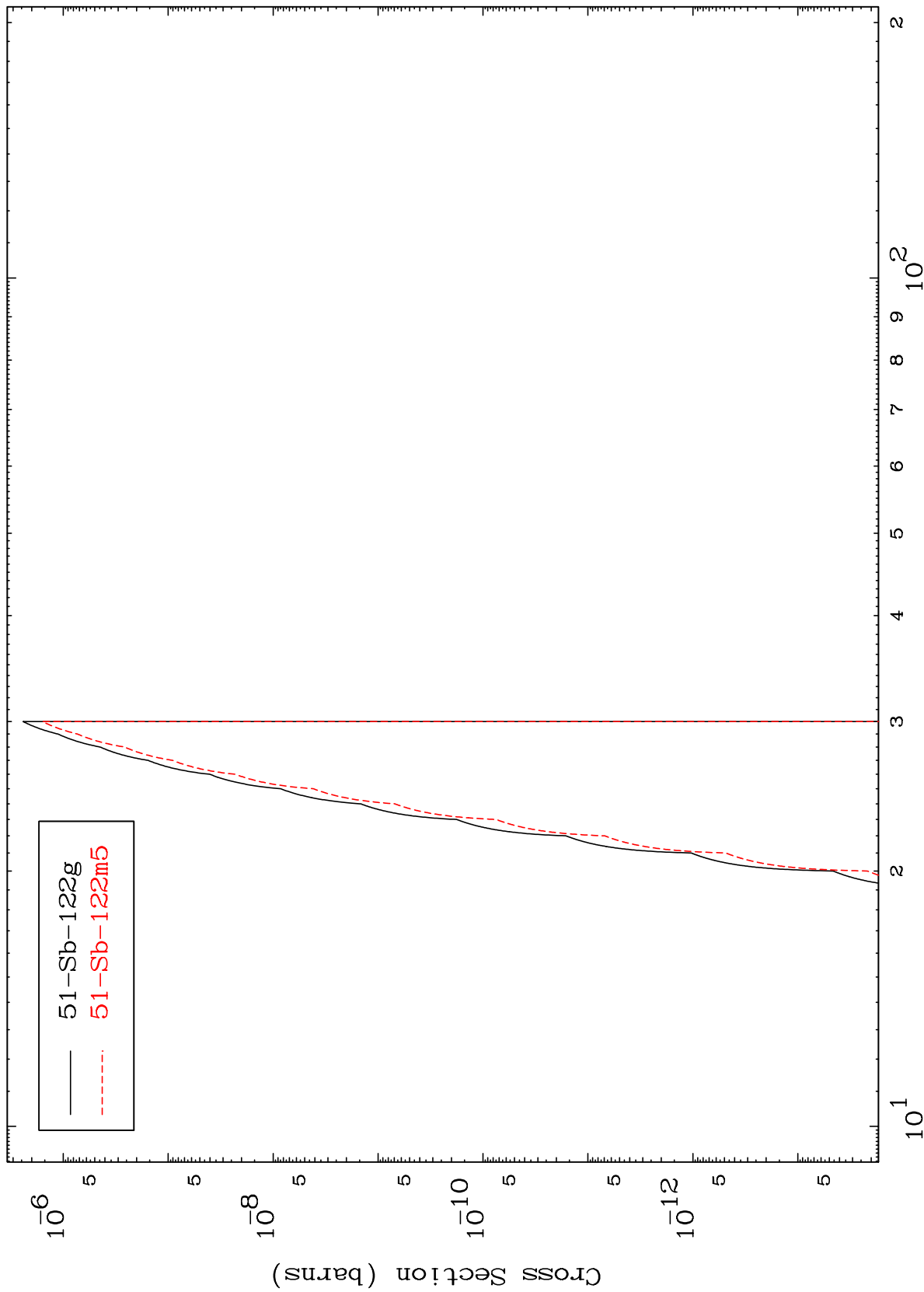
54-Xe-127

MAT 5435

(n,n') p α

54-Xe-127

Radionuclide Production Cross Section



51-Sb-122g
51-Sb-122m5

Incident Energy (MeV)

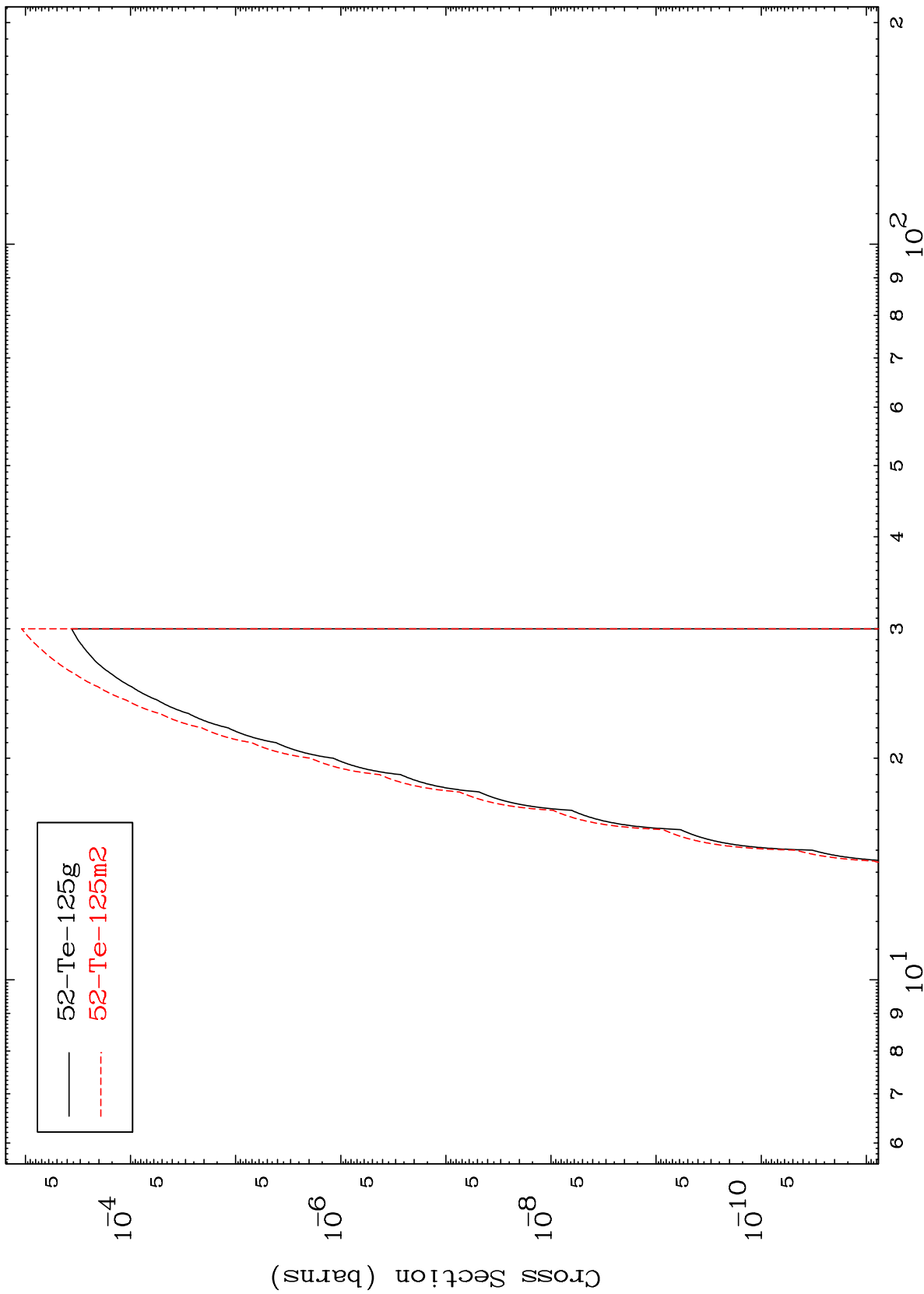
54-Xe-127

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MAT 5435

54-Xe-127

(n,He-3)
Radionuclide Production Cross Section

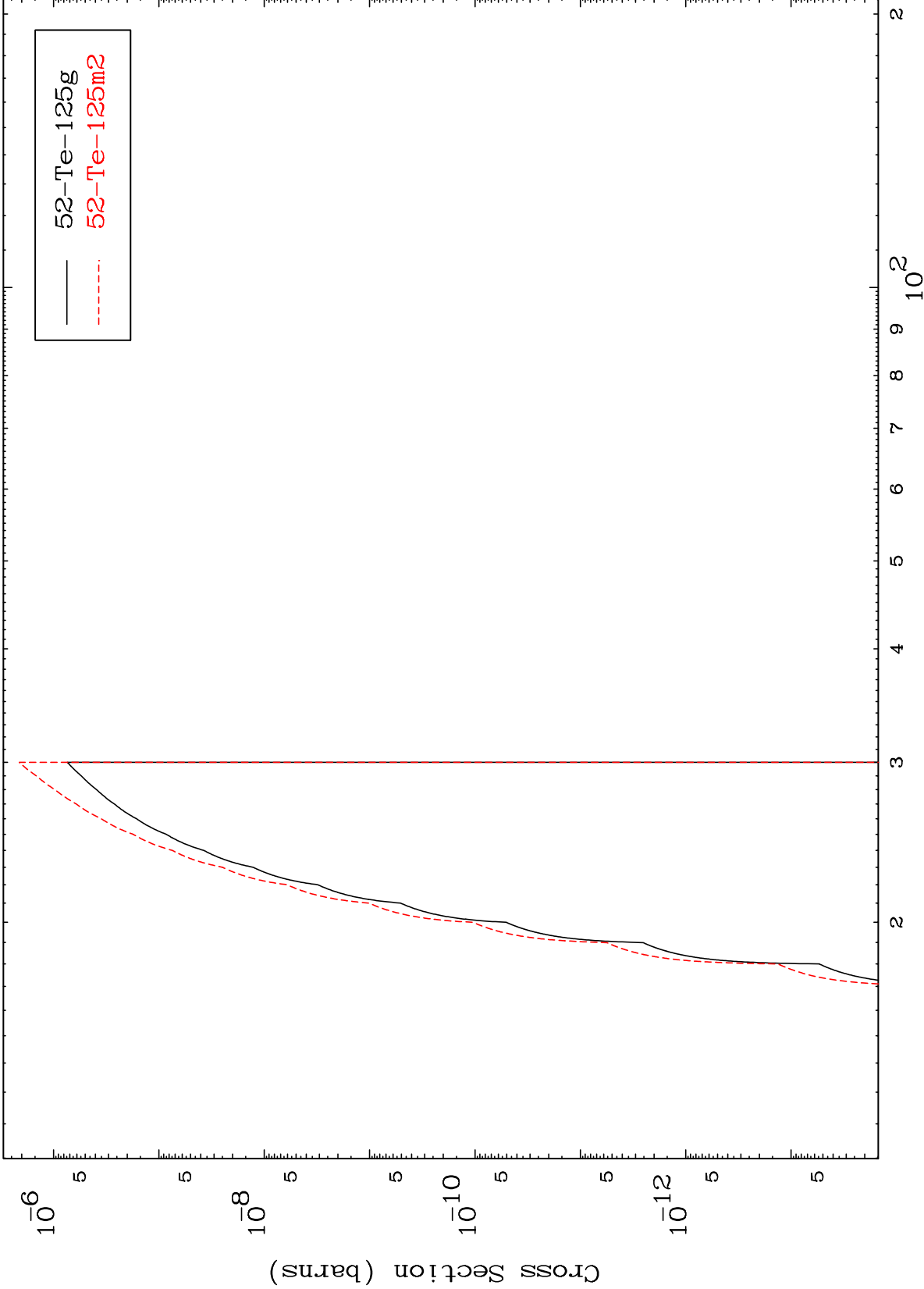


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Incident Energy (MeV)

54-Xe-127

Radionuclide Production Cross Section

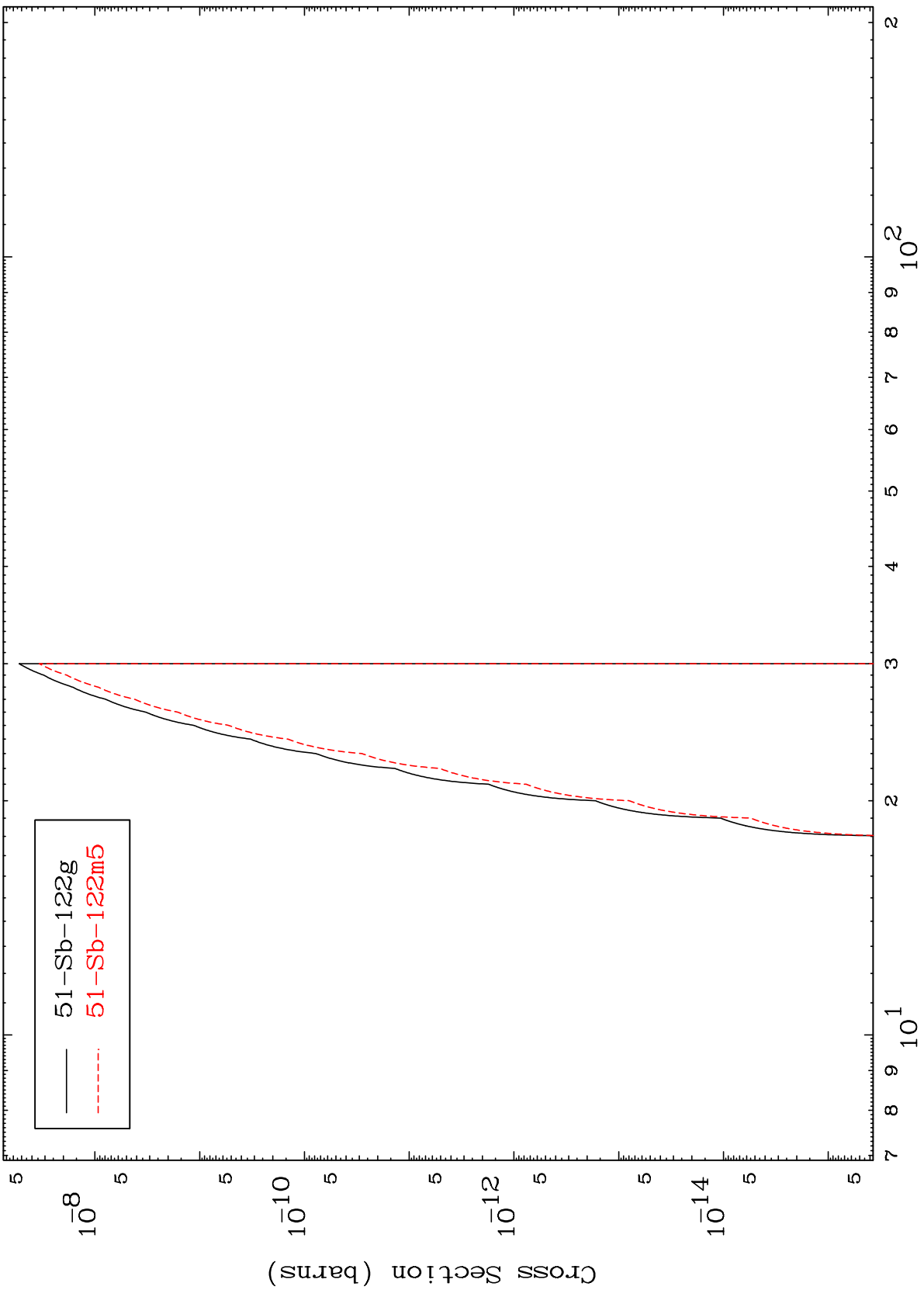


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(n,d) α

54-Xe-127

Radionuclide Production Cross Section



51-Sb-122g
51-Sb-122m5

Incident Energy (MeV)

54-Xe-127

28