

Program EVALPLOT
(Version 2021-1)

by

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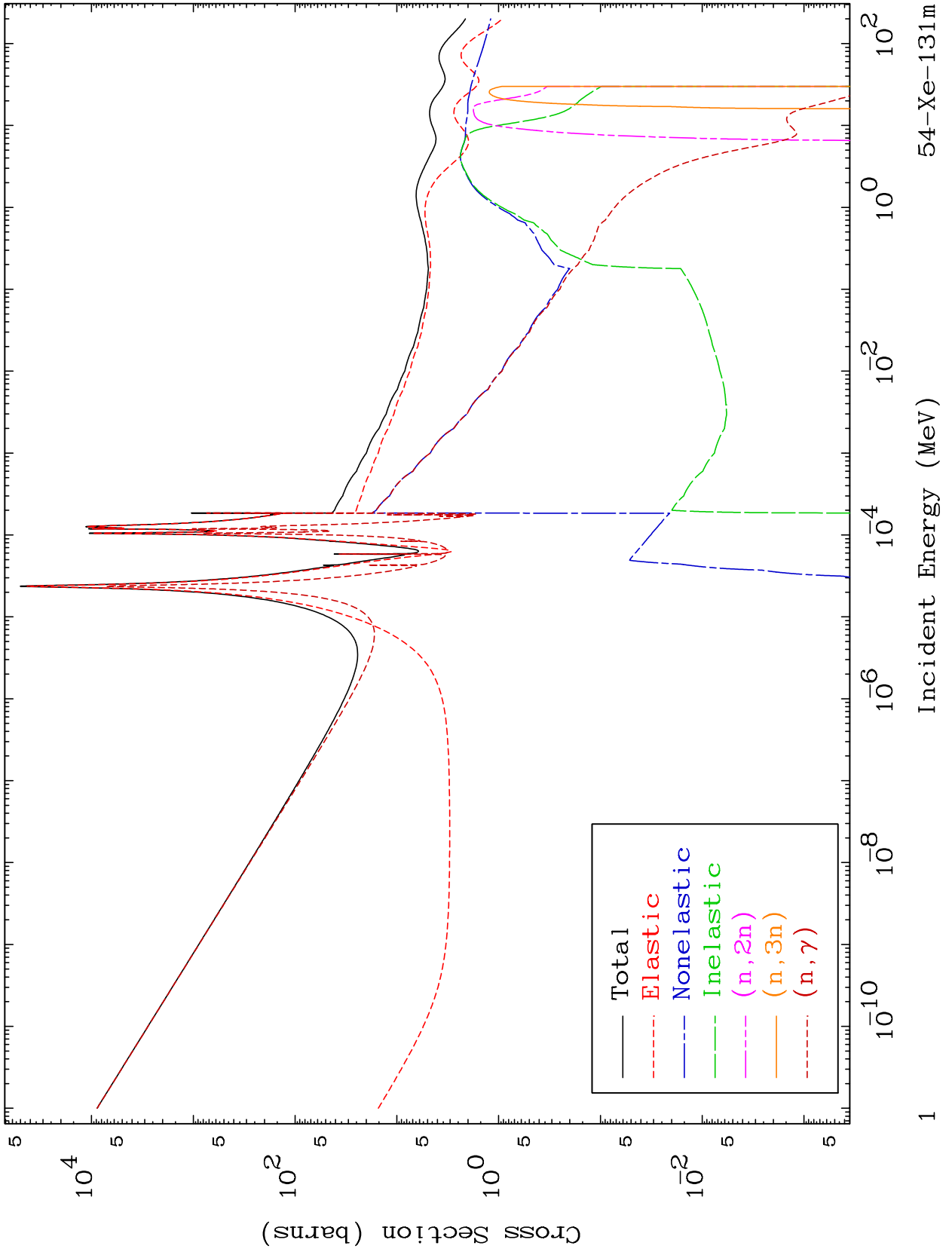
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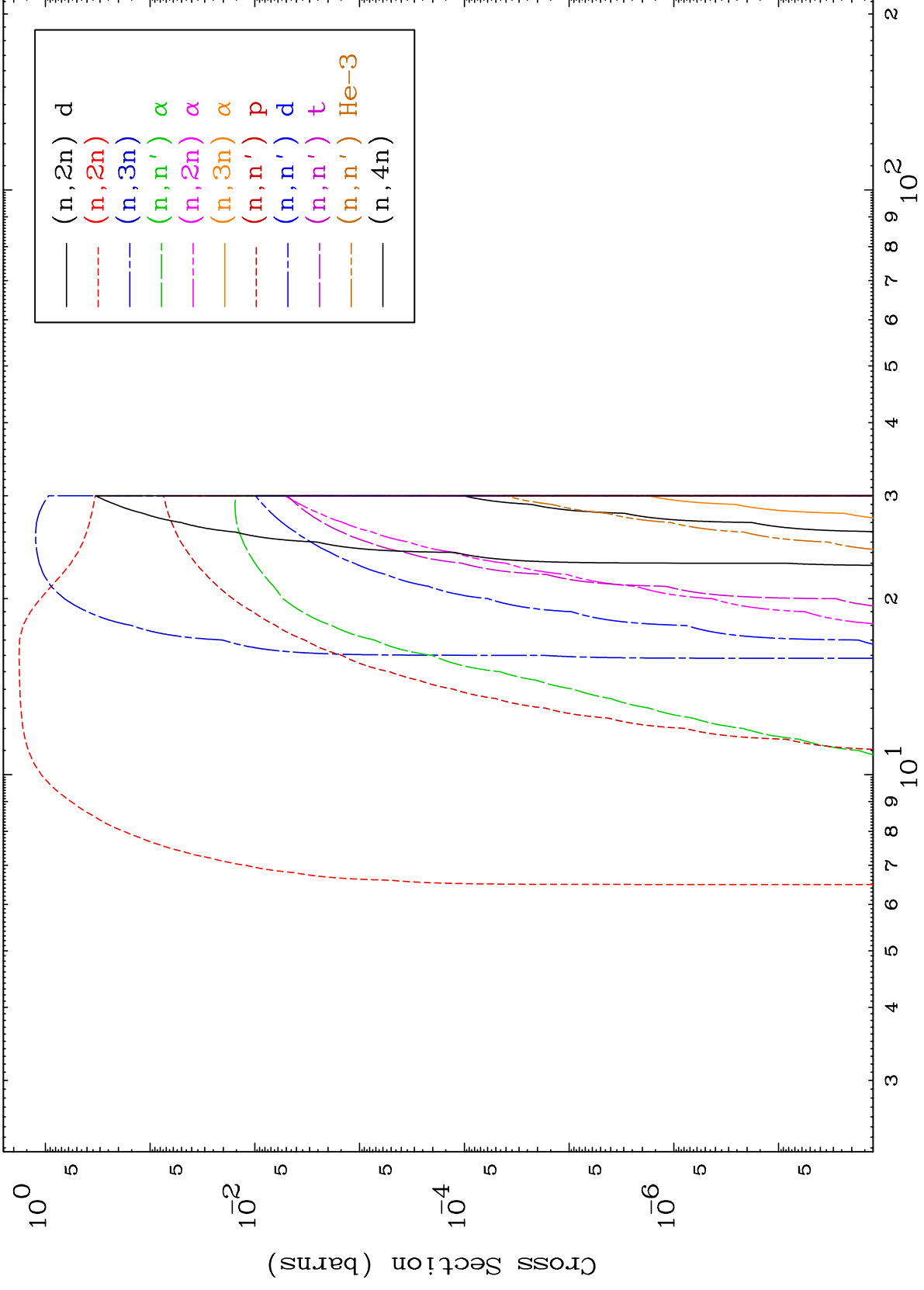
Press Mouse Button to Start

MAT 5447

Neutron Major
293 Kelvin Cross Sections

54-Xe-131m

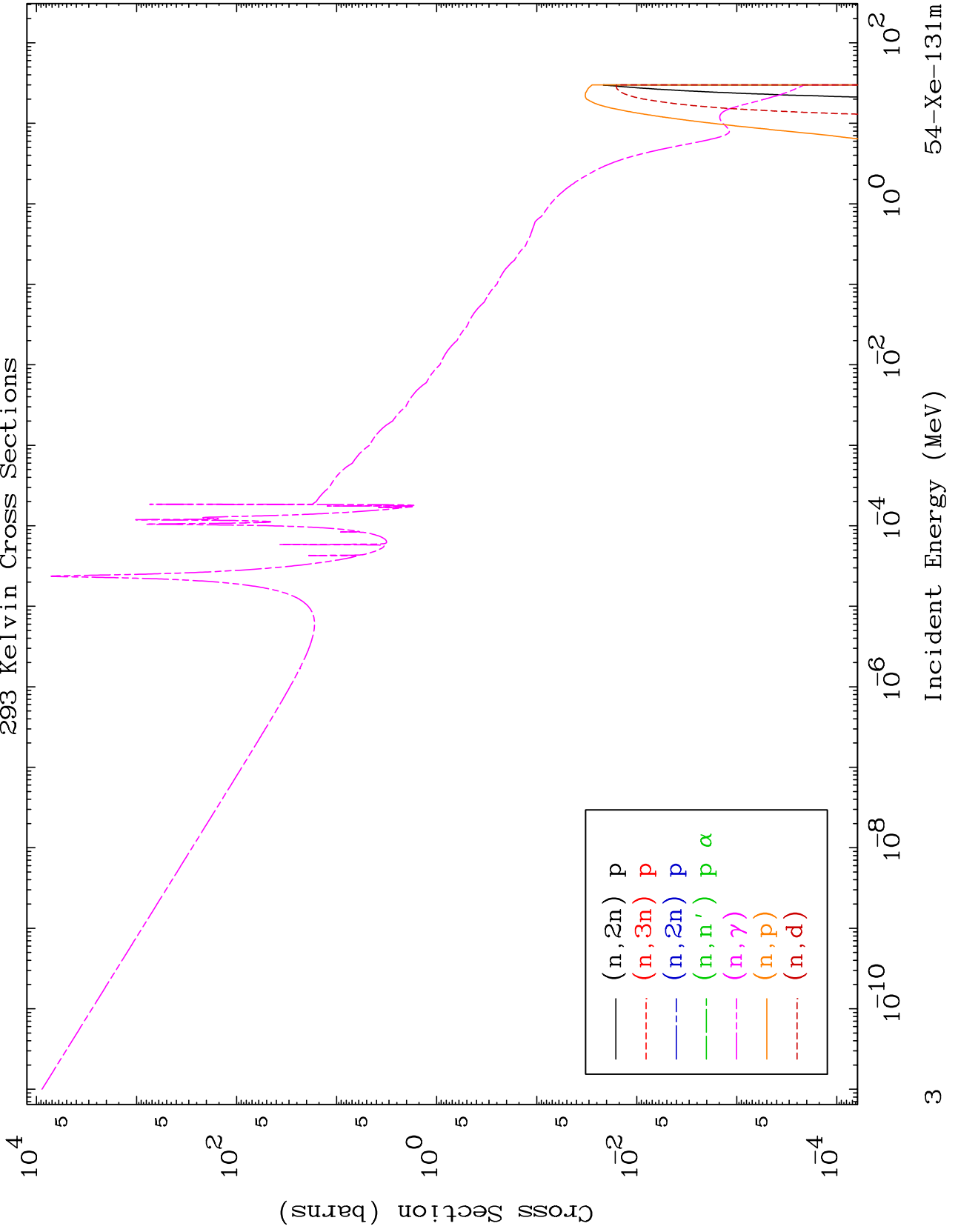




MAT 5447

Neutron Absorption
293 Kelvin Cross Sections

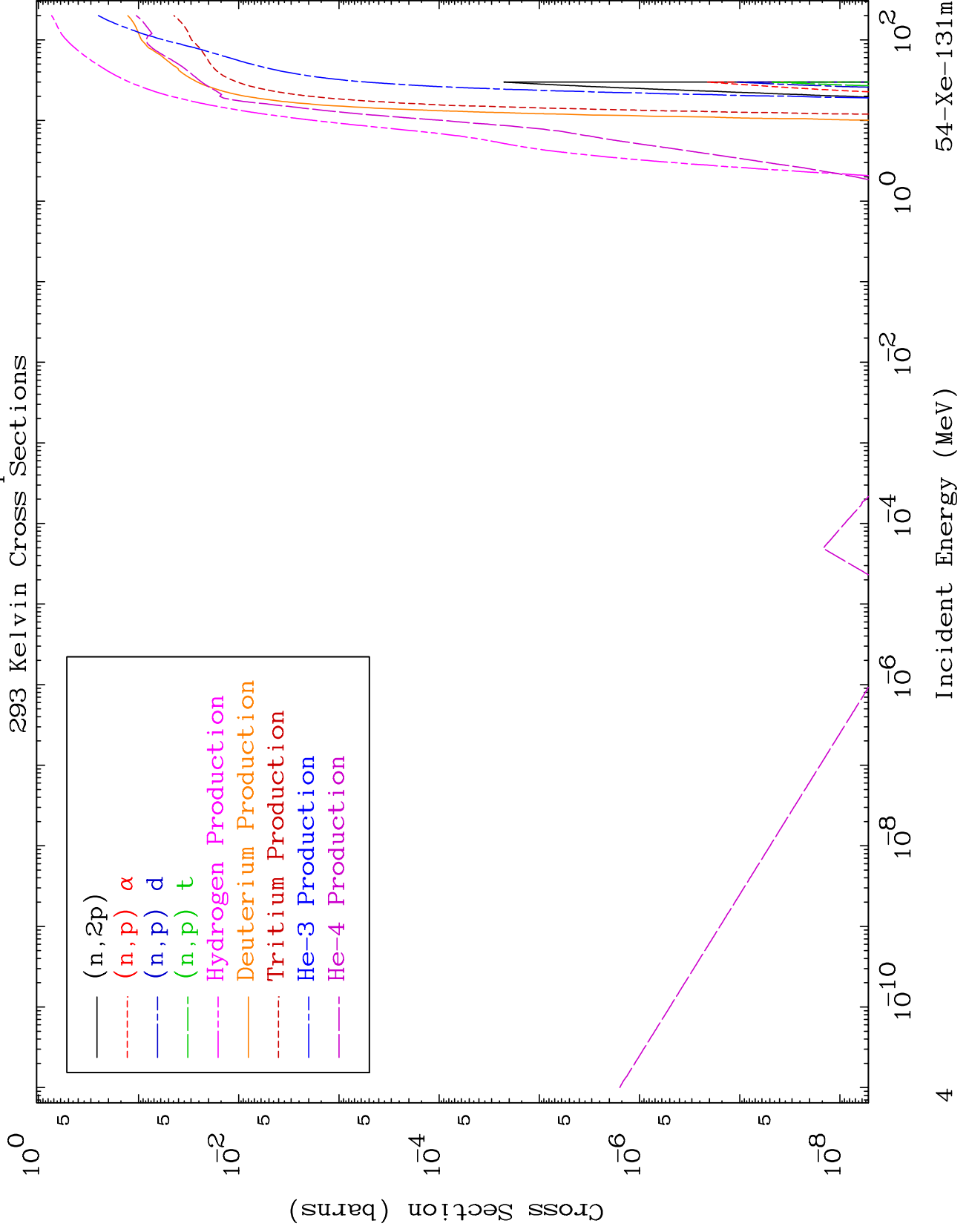
54-Xe-131m



MAT 5447

Neutron Absorption
293 Kelvin Cross Sections

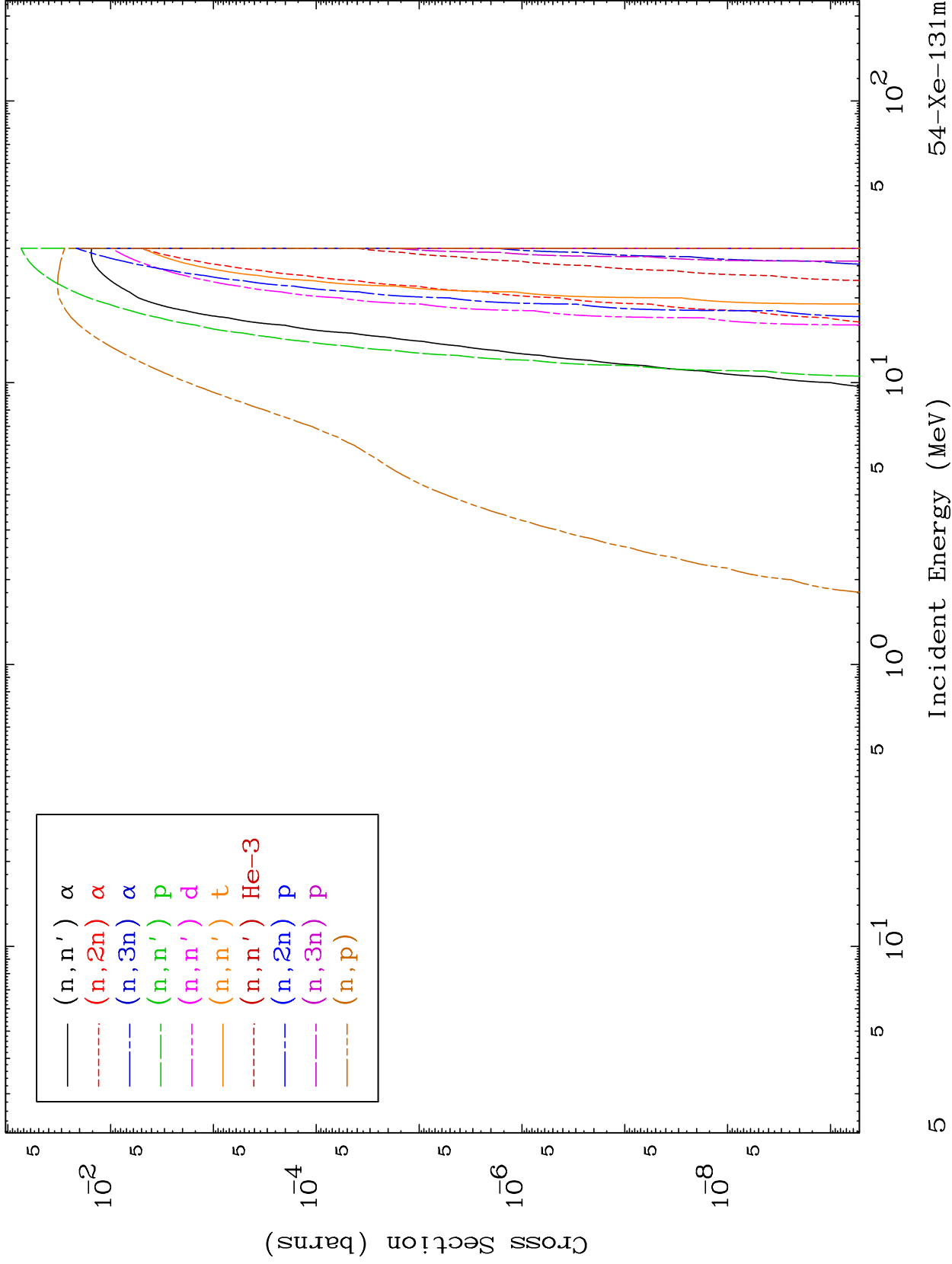
54-Xe-131m



MAT 5447

Charged Particle
293 Kelvin Cross Sections

54-Xe-131m

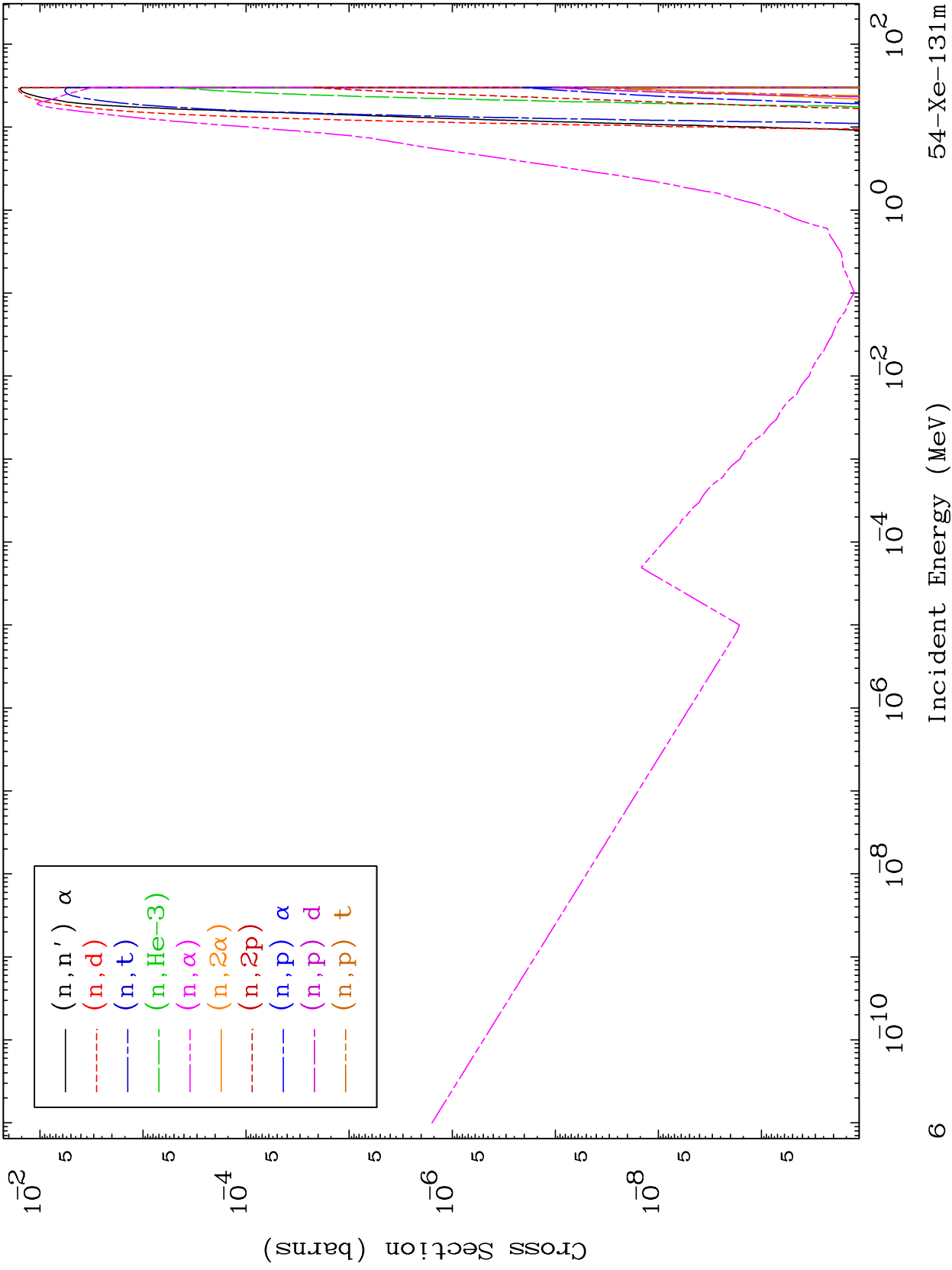


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MAT 5447

Charged Particle
293 Kelvin Cross Sections

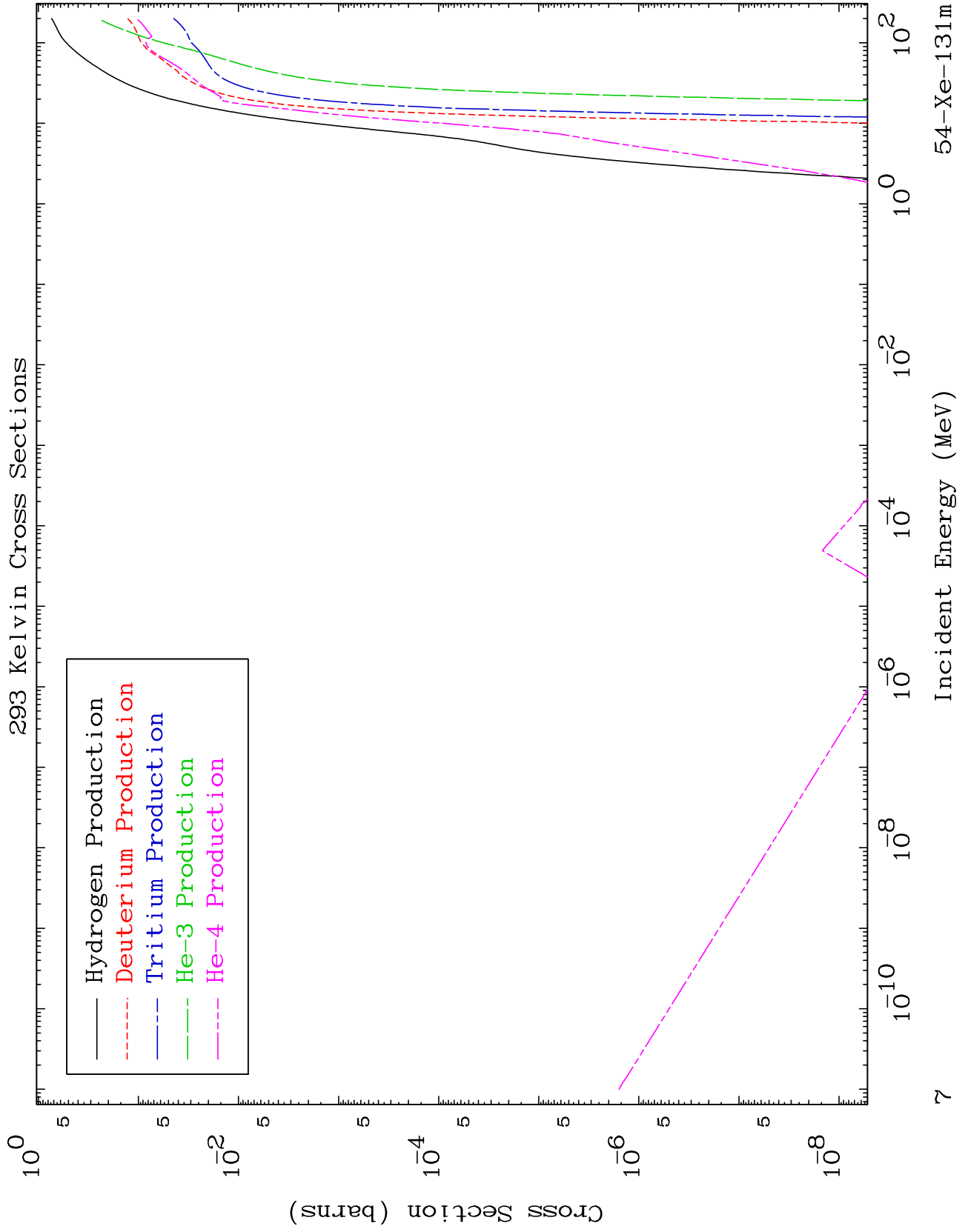
54-Xe-131m



MAT 5447

Particle Production
293 Kelvin Cross Sections

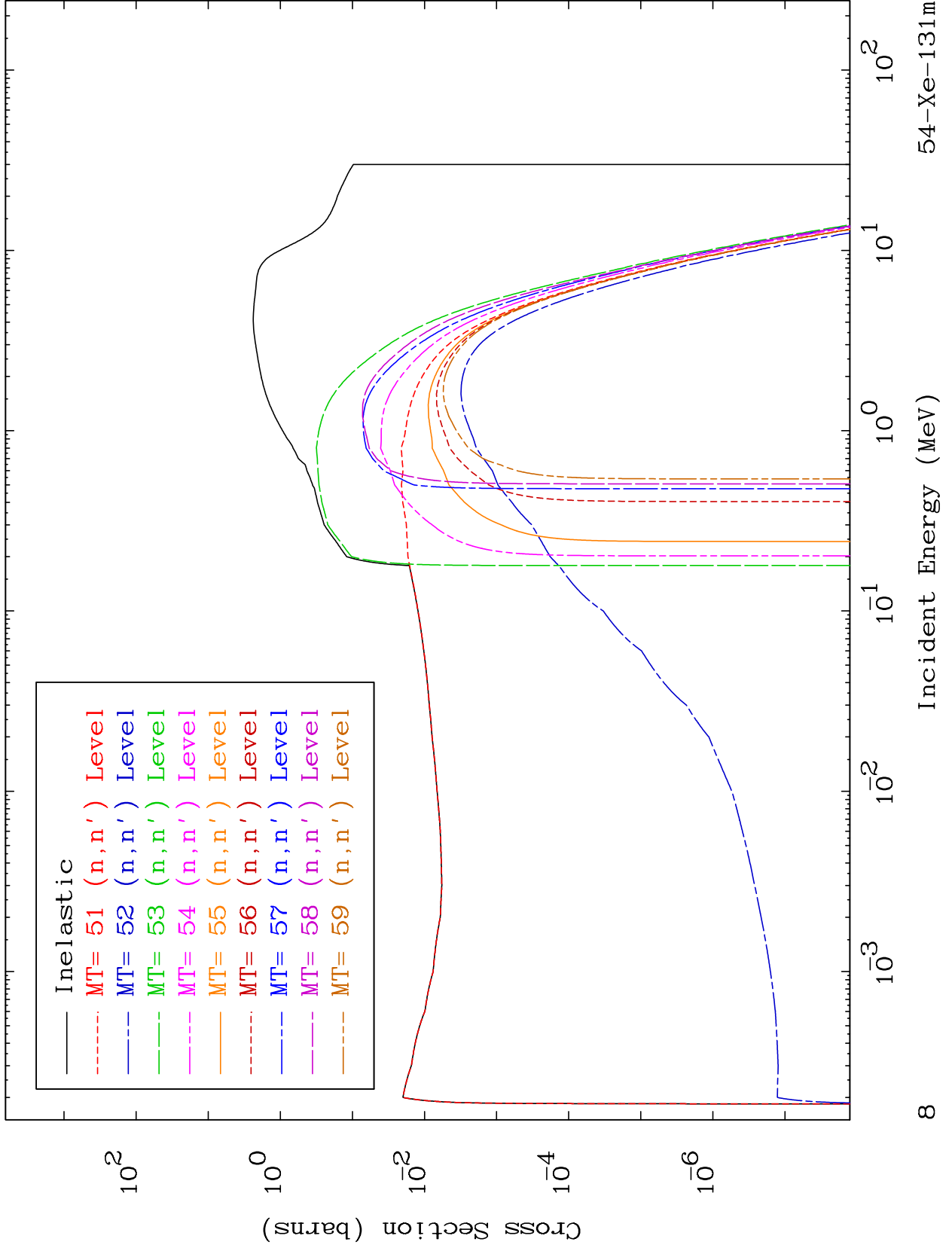
54-Xe-131m



MAT 5447

(n,n') Levels
293 Kelvin Cross Sections

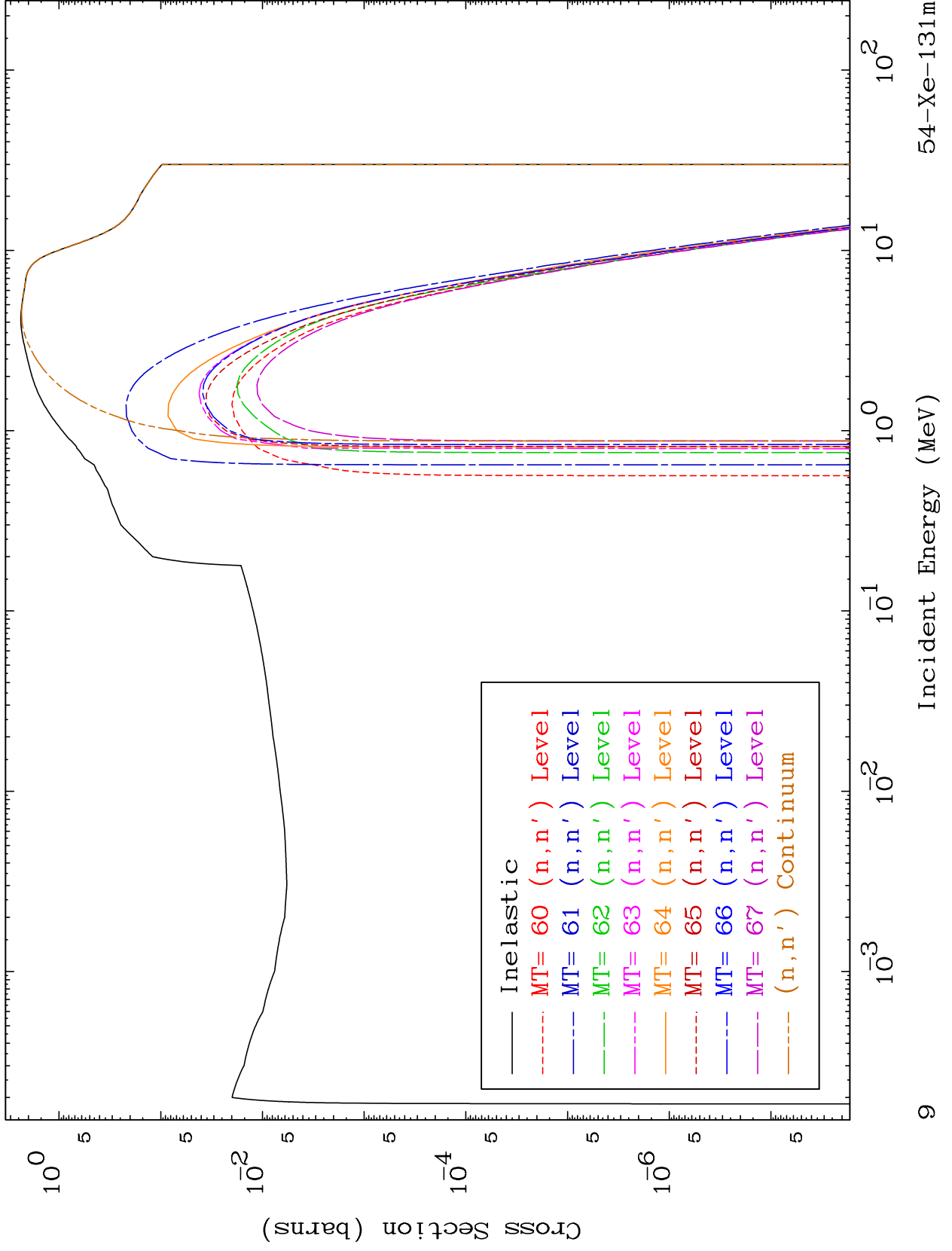
54-Xe-131m



MAT 5447

293 Kelvin Cross Sections
(n,n') Levels

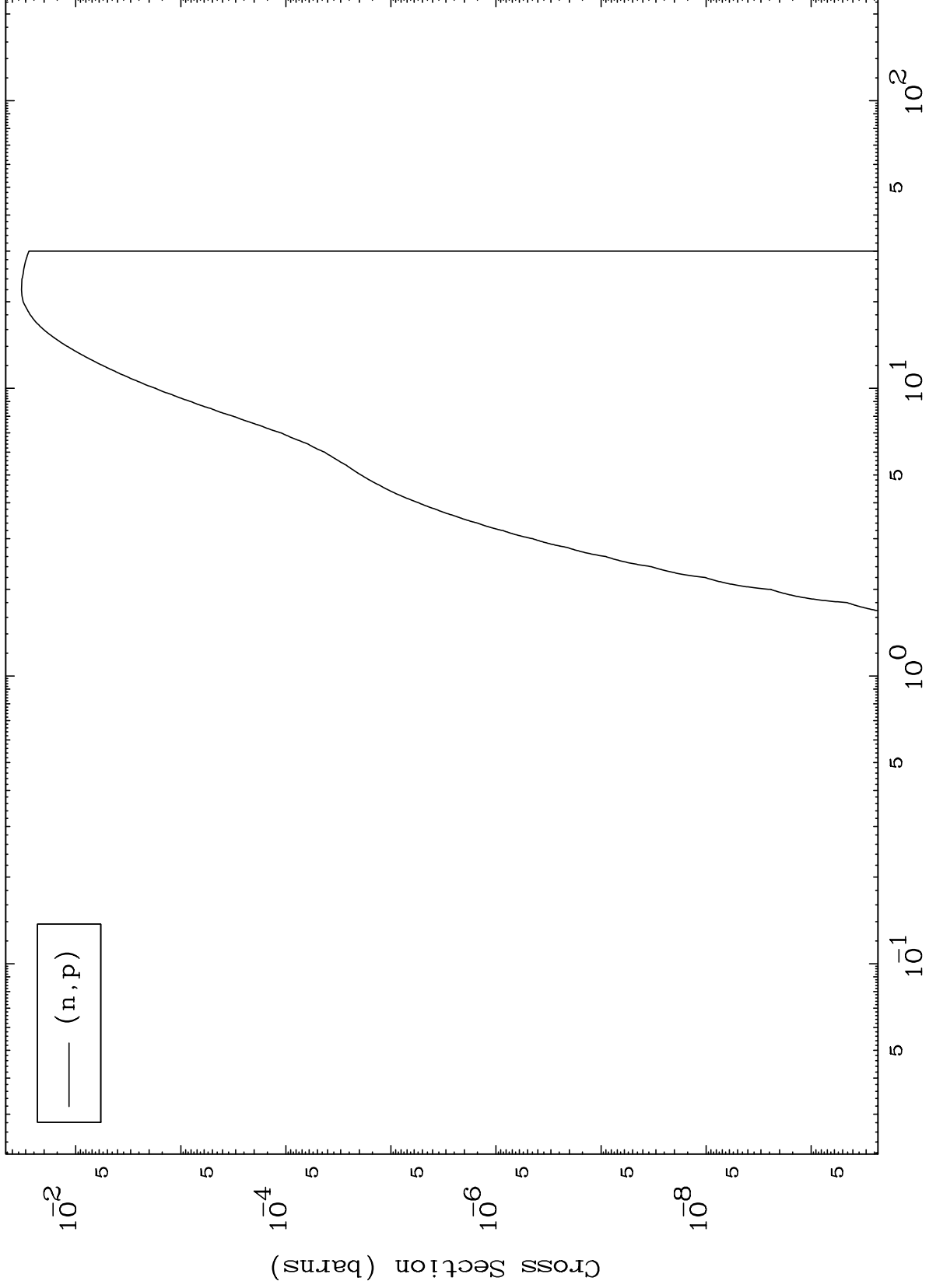
54-Xe-131m



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(n,p) Levels
293 Kelvin Cross Sections

54-Xe-131m



10

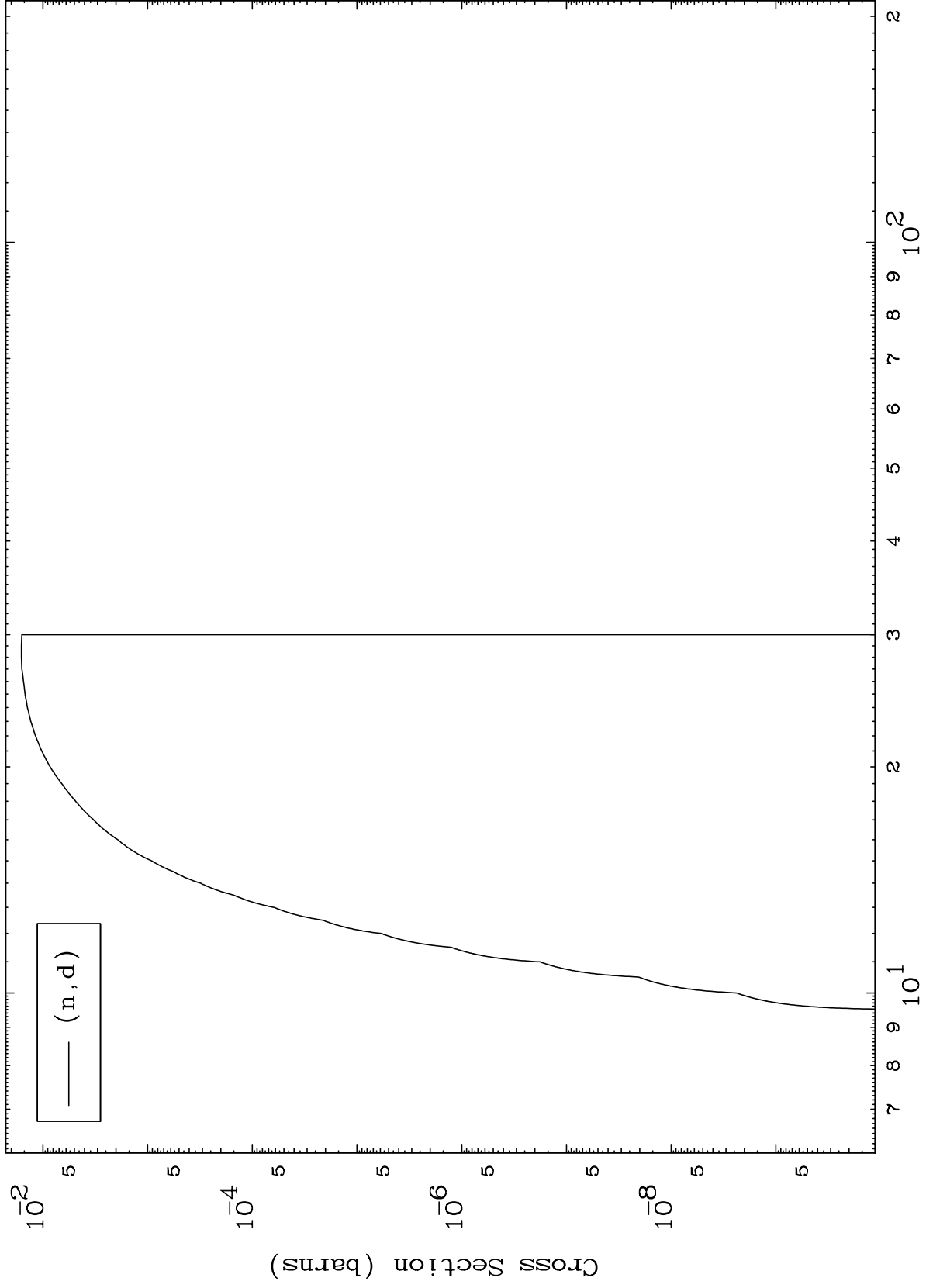
Incident Energy (MeV)

54-Xe-131m

MAT 5447

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-131m



11

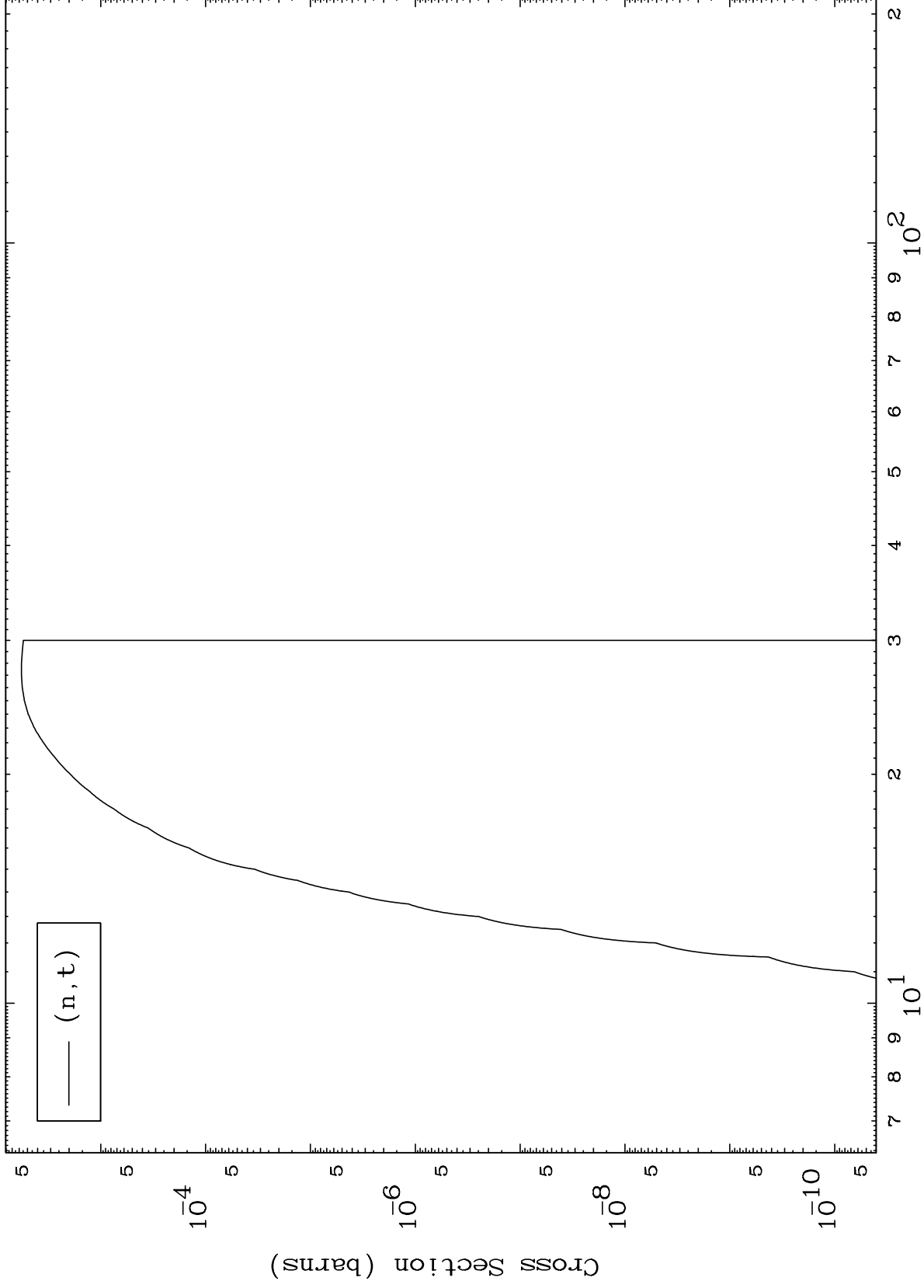
Incident Energy (MeV)

54-Xe-131m

MAT 5447

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-131m



12

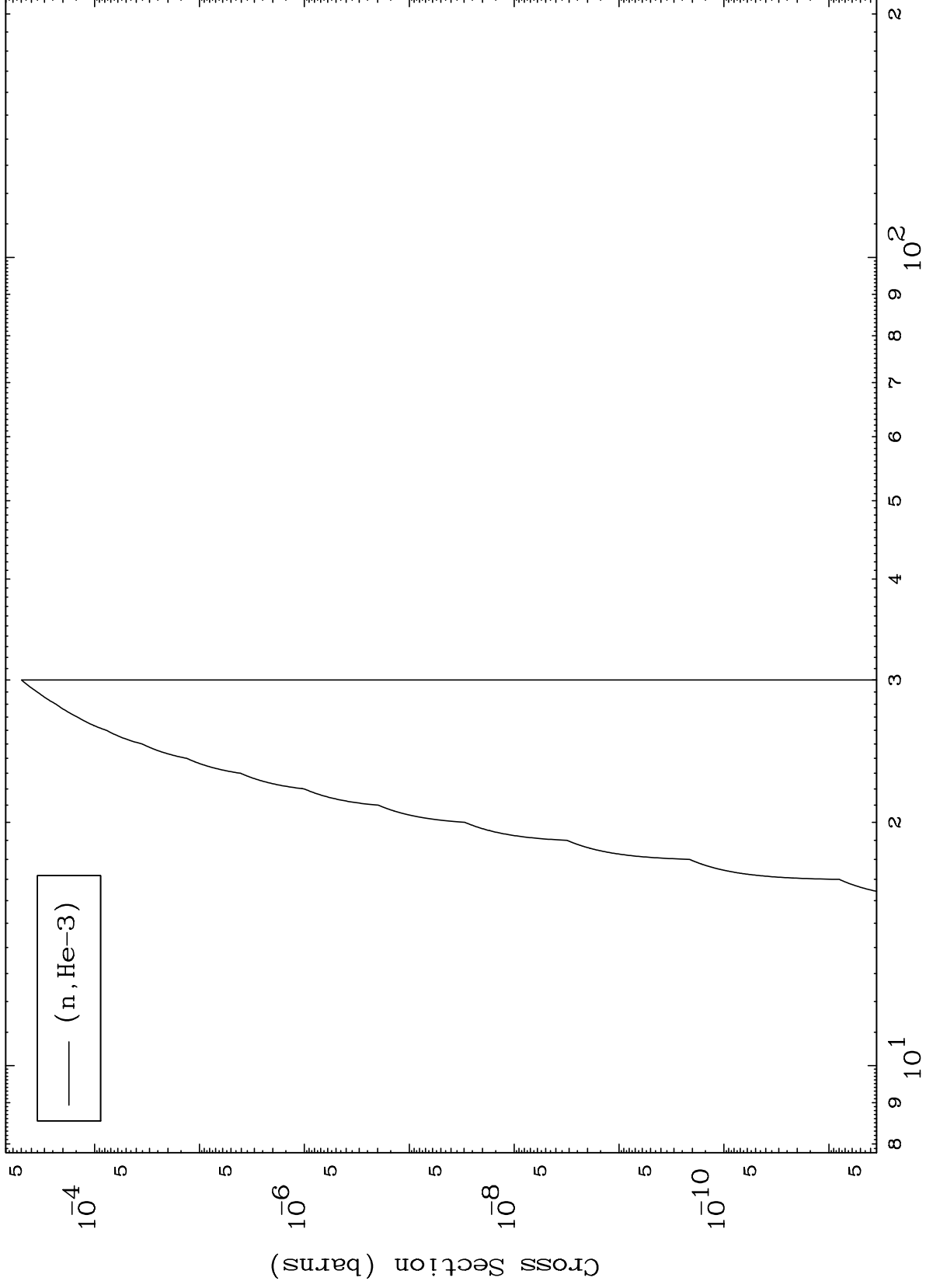
Incident Energy (MeV)

54-Xe-131m

MAT 5447

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-131m



13

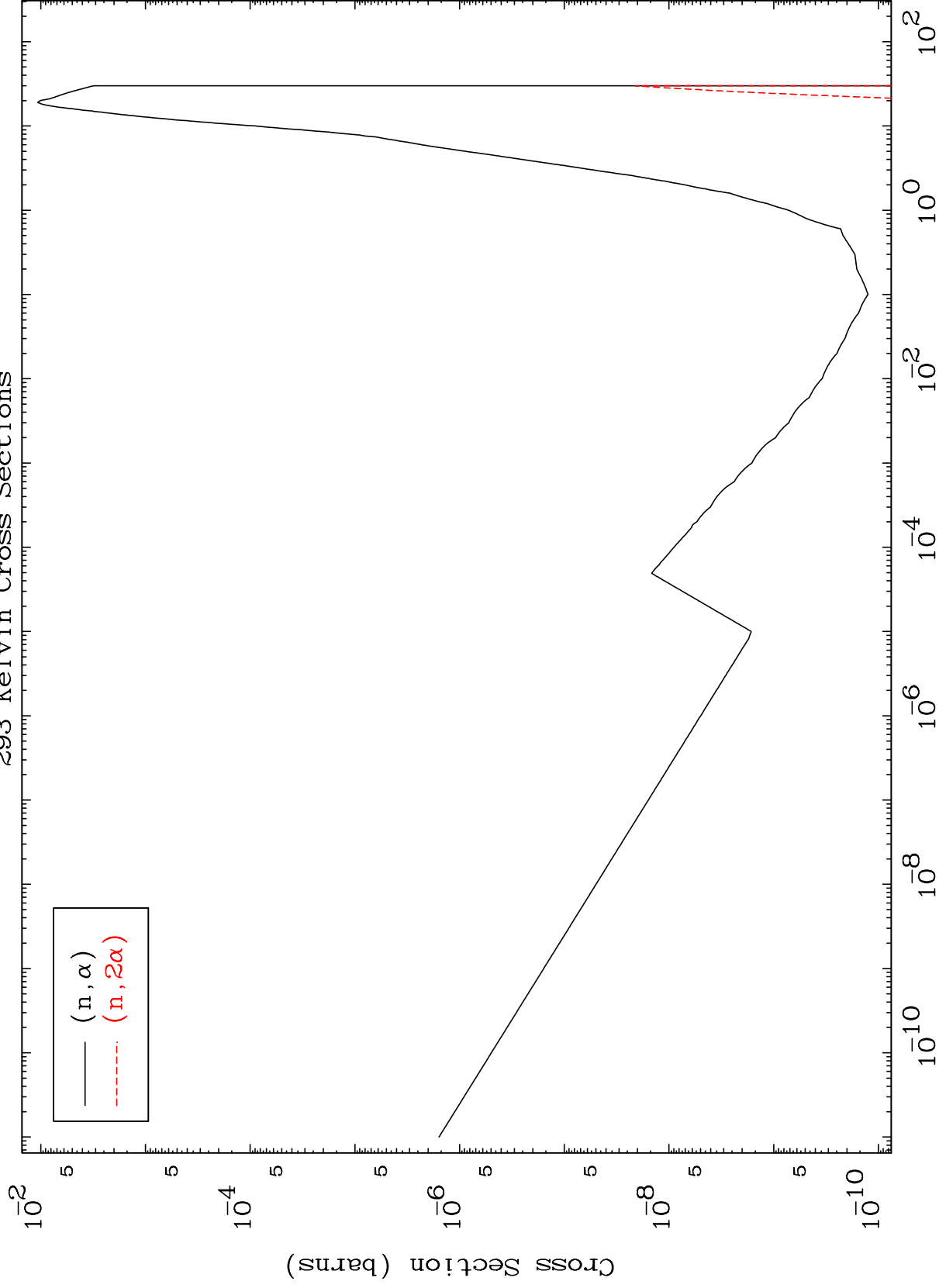
Incident Energy (MeV)

54-Xe-131m

MAT 5447

(n, α) Levels
293 Kelvin Cross Sections

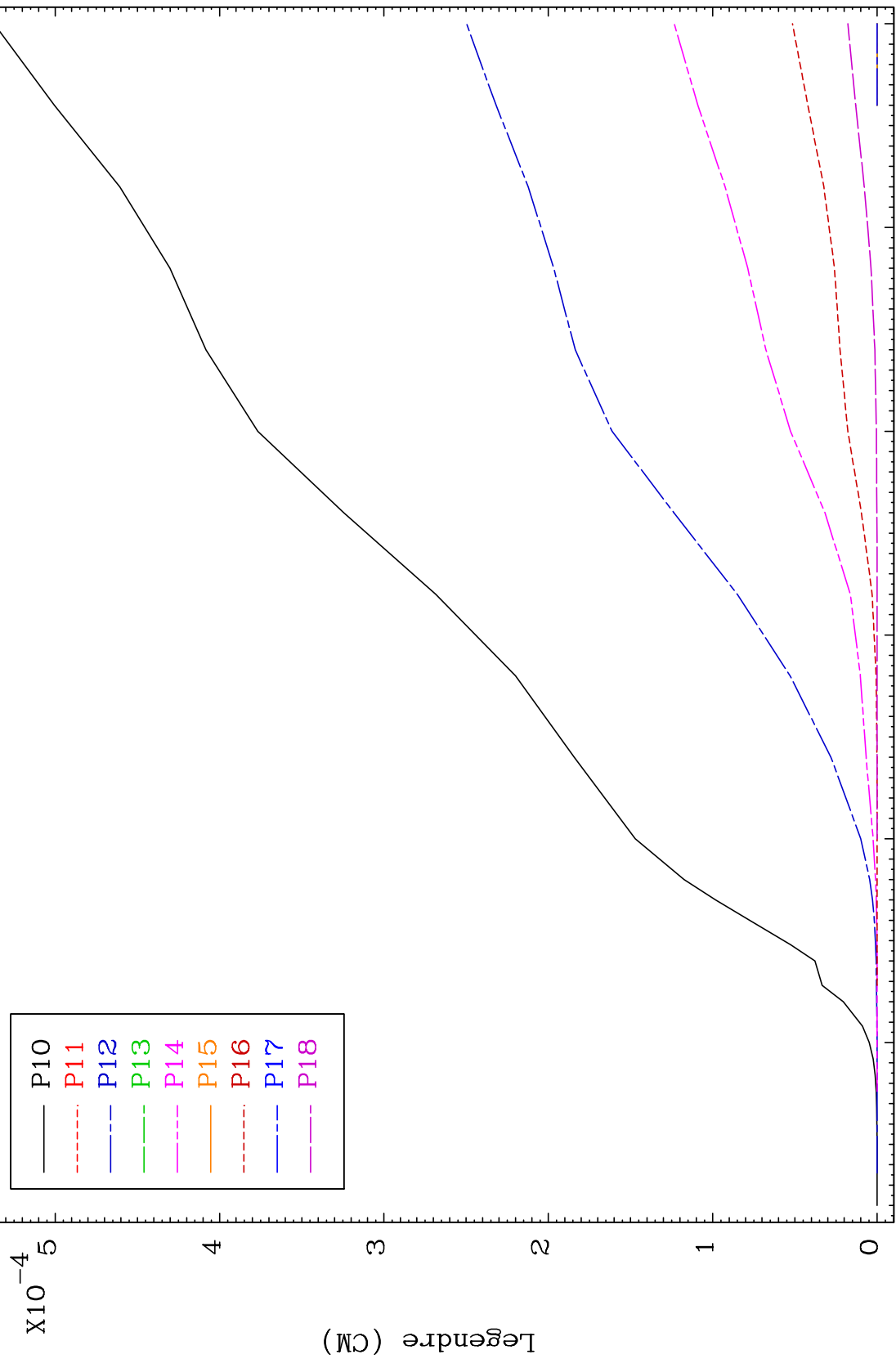
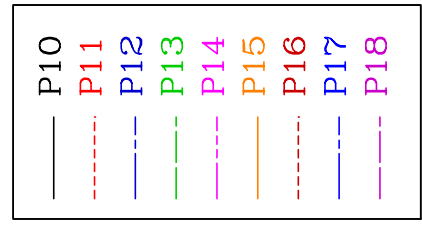
54-Xe-131m



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Elastic Legendre Coefficients

54-Xe-131m



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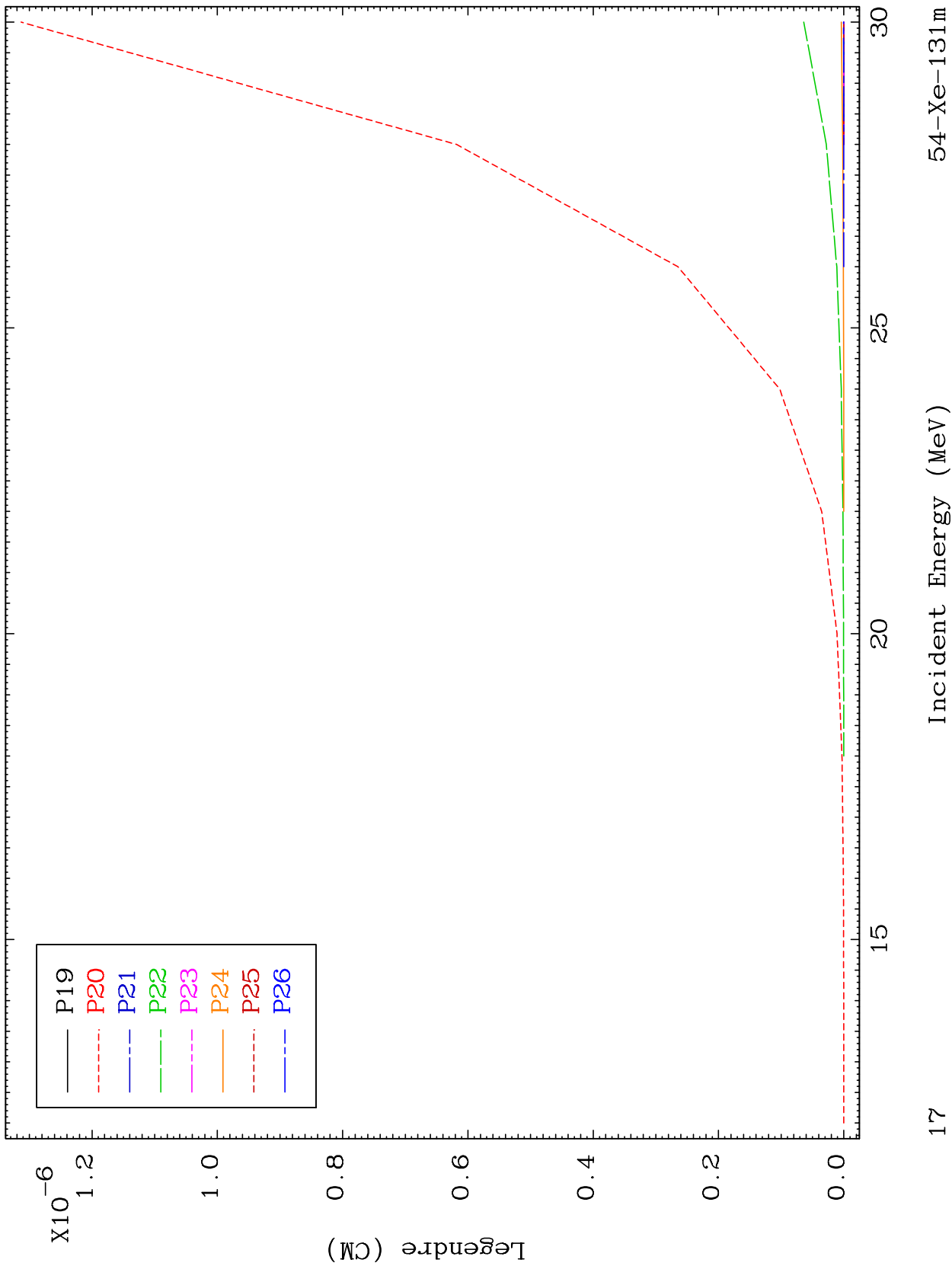
Incident Energy (MeV)

54-Xe-131m

MAT 5447

Elastic Legendre Coefficients

54-Xe-131m

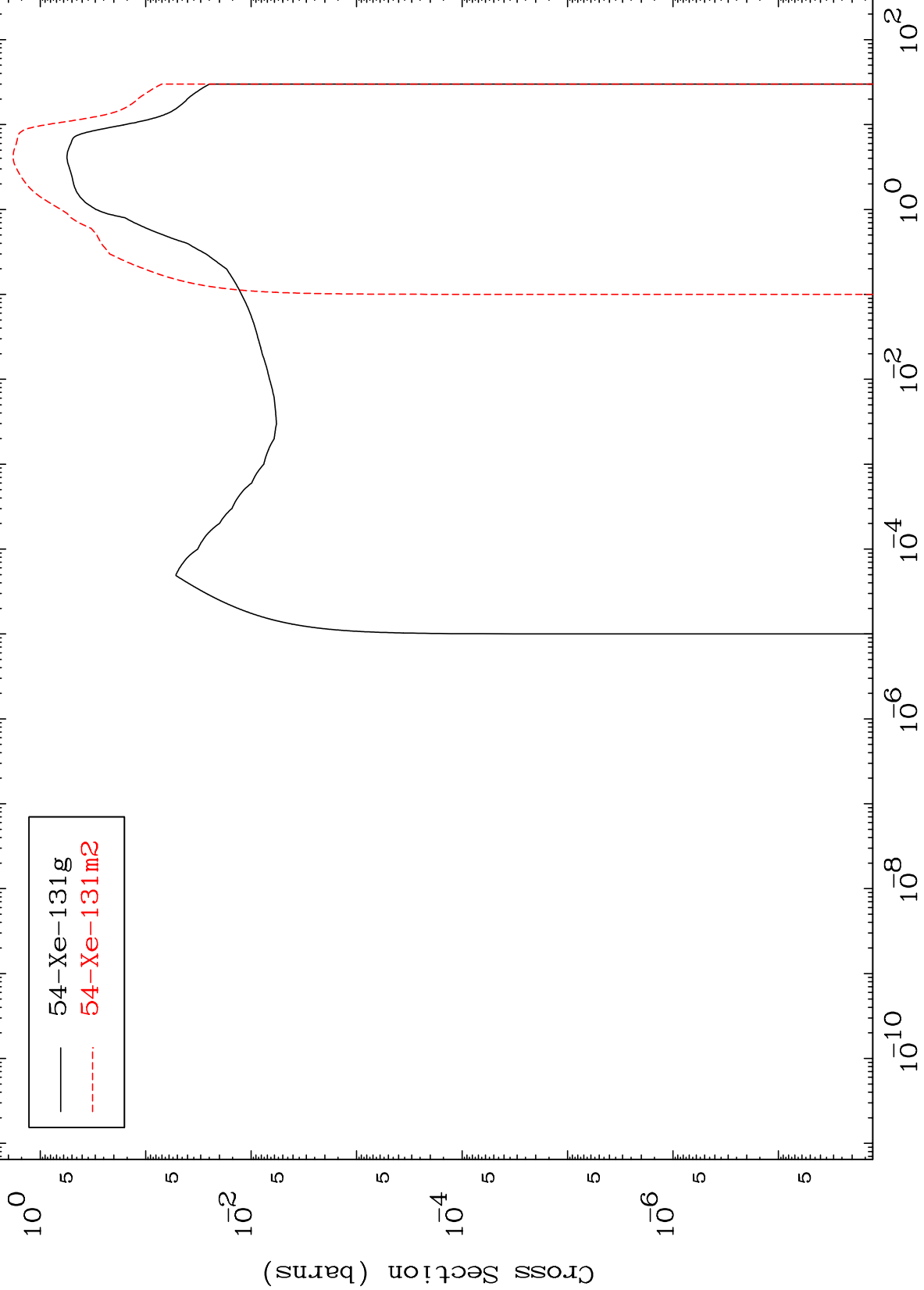


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26

MAT 5447

Inelastic
Radionuclide Production Cross Section

54-Xe-131m



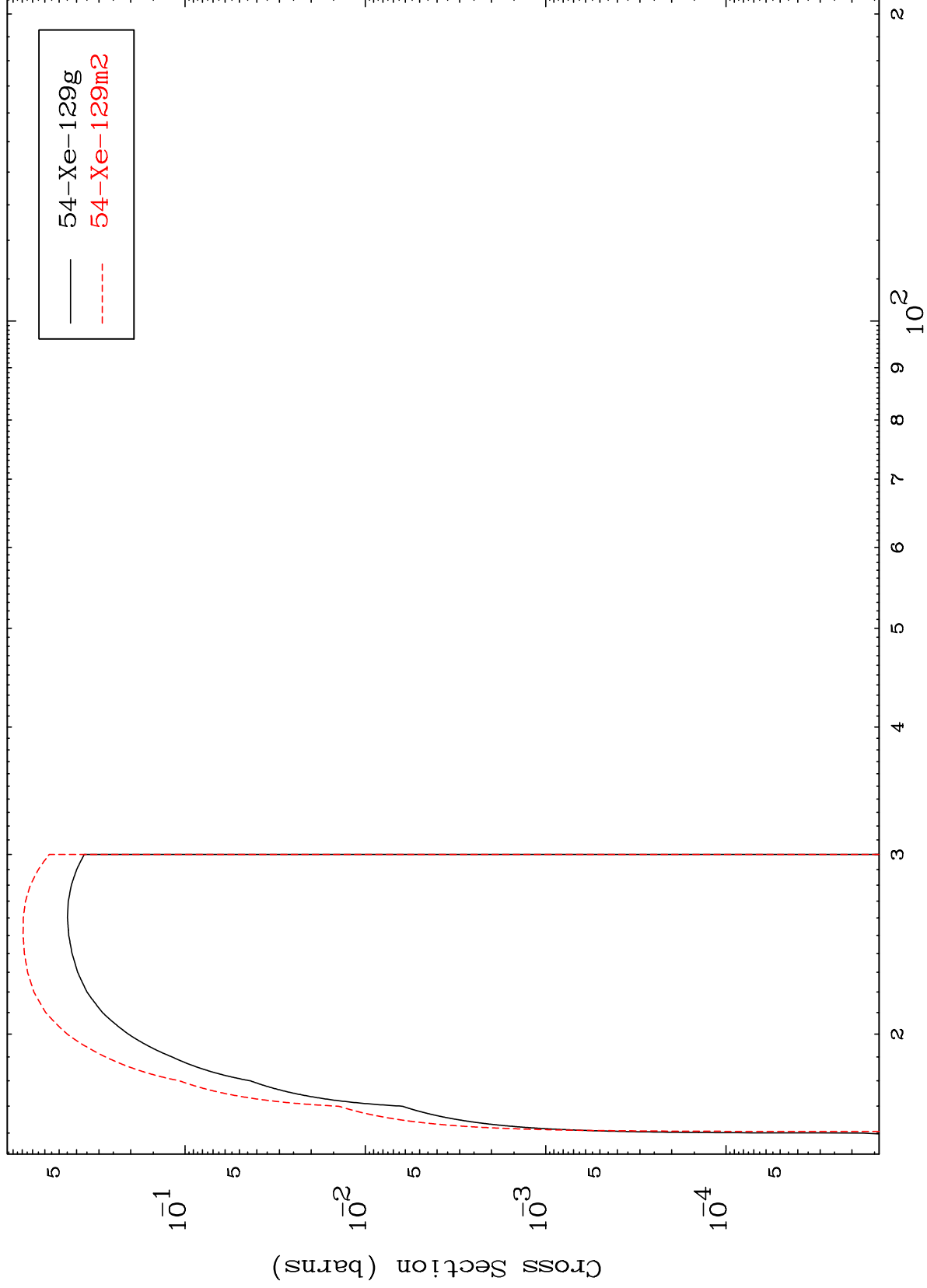
54-Xe-131m

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(n,3n)

54-Xe-131m

Radionuclide Production Cross Section



19

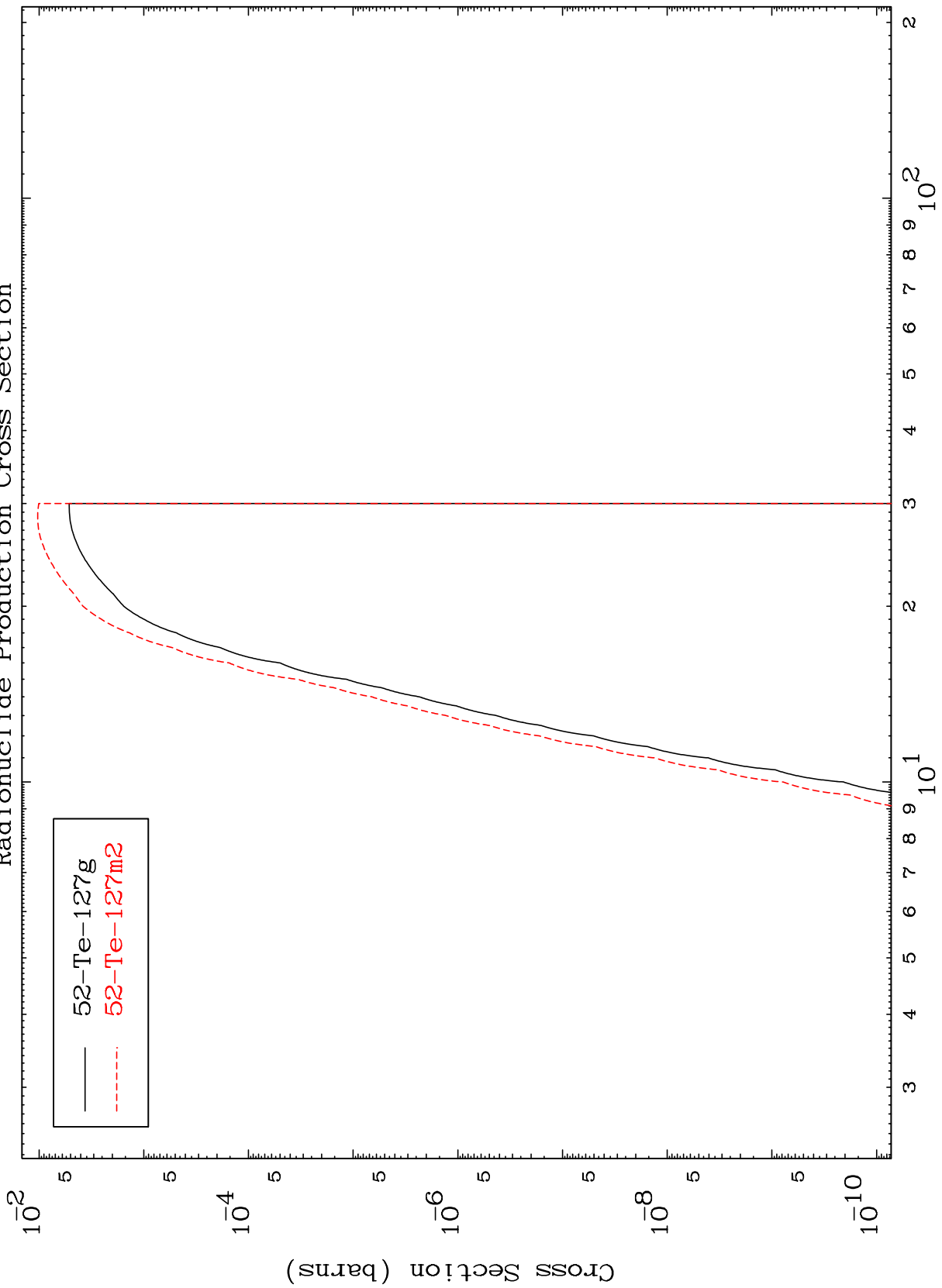
Incident Energy (MeV)

54-Xe-131m

MAT 5447

54-Xe-131m

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-131m

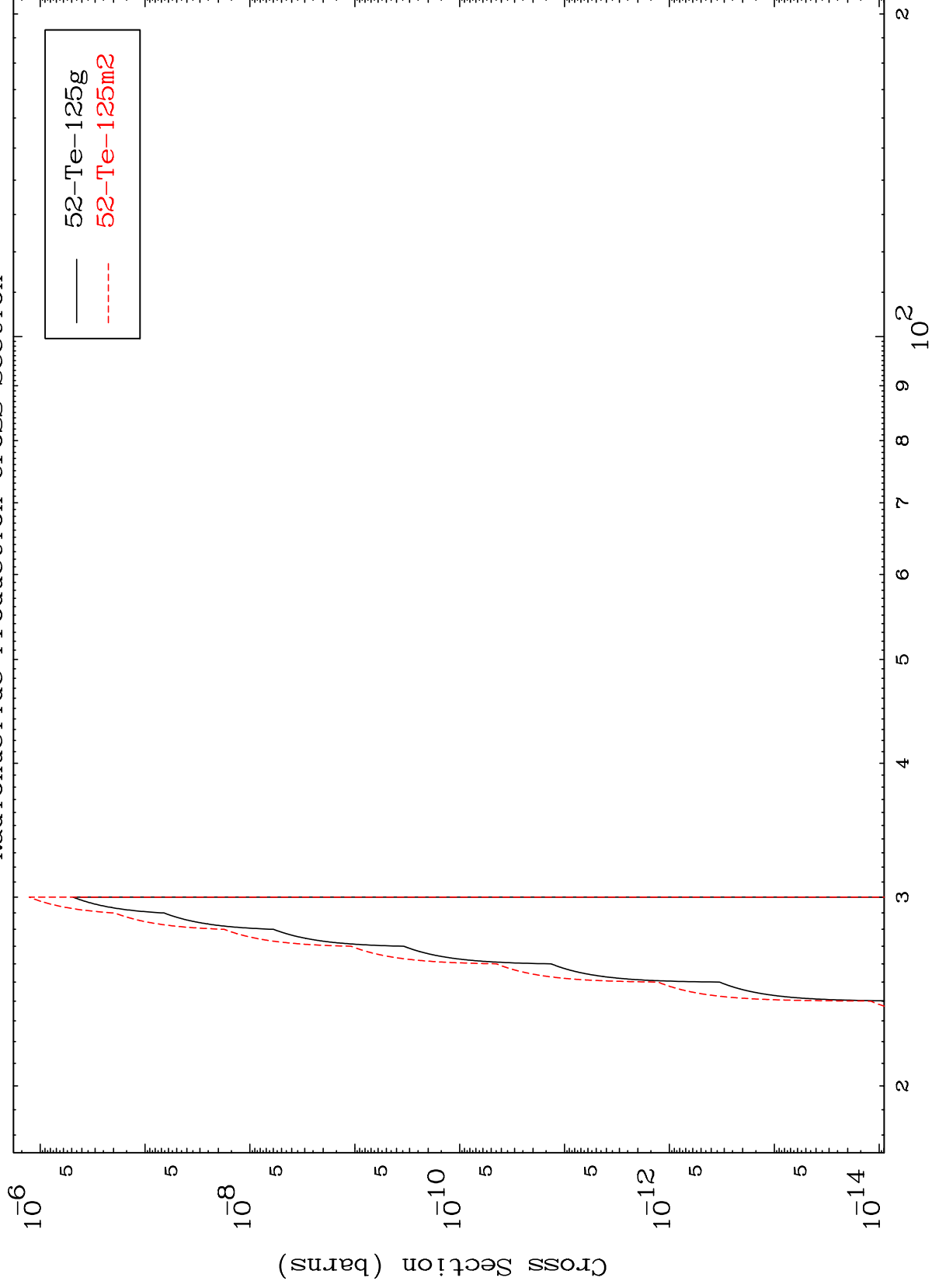
20

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(n,3n) α

54-Xe-131m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

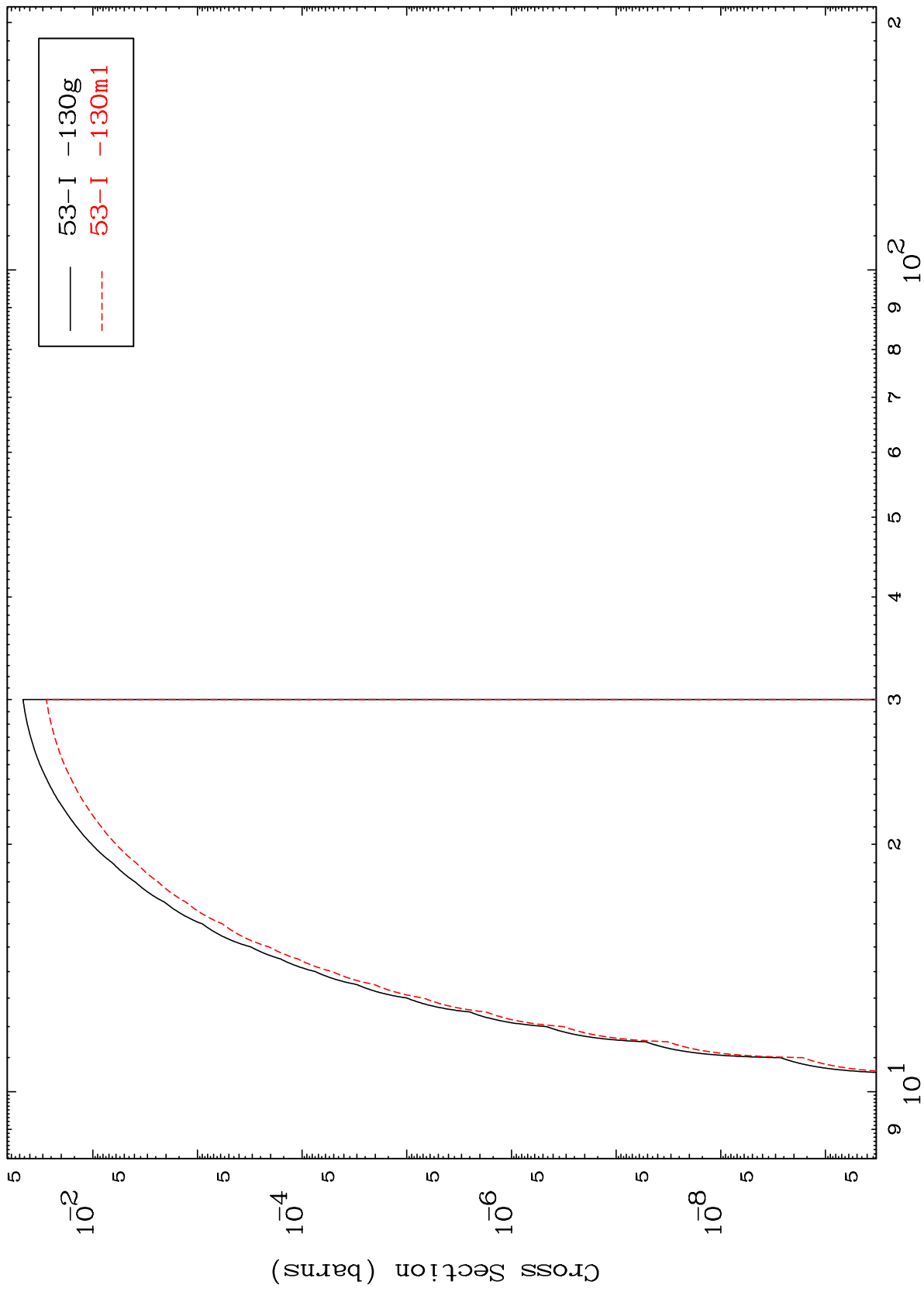
54-Xe-131m

MAT 5447

(n,n') p

54-Xe-131m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

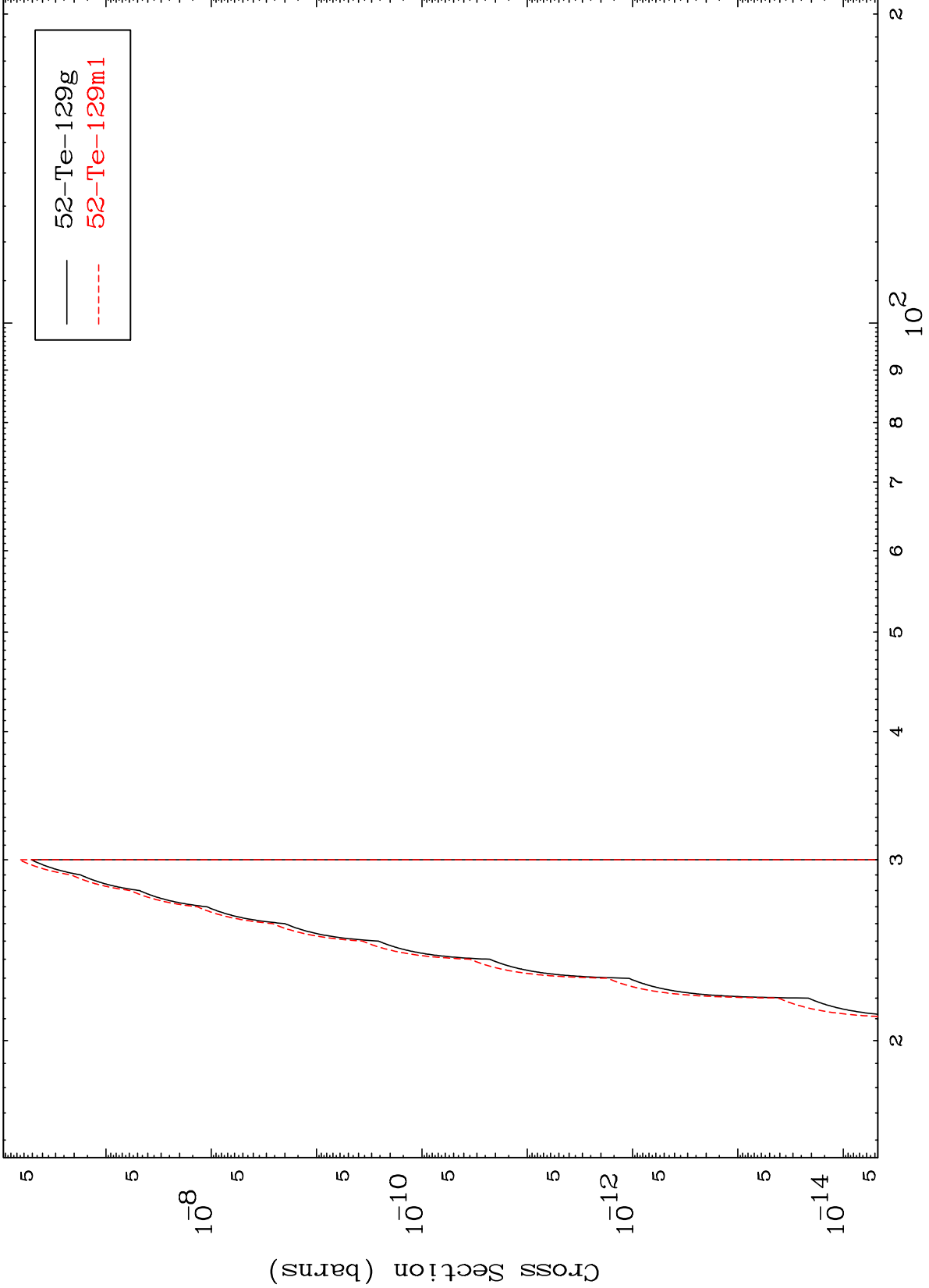
54-Xe-131m

MAT 5447

(n,2n) p

54-Xe-131m

Radionuclide Production Cross Section



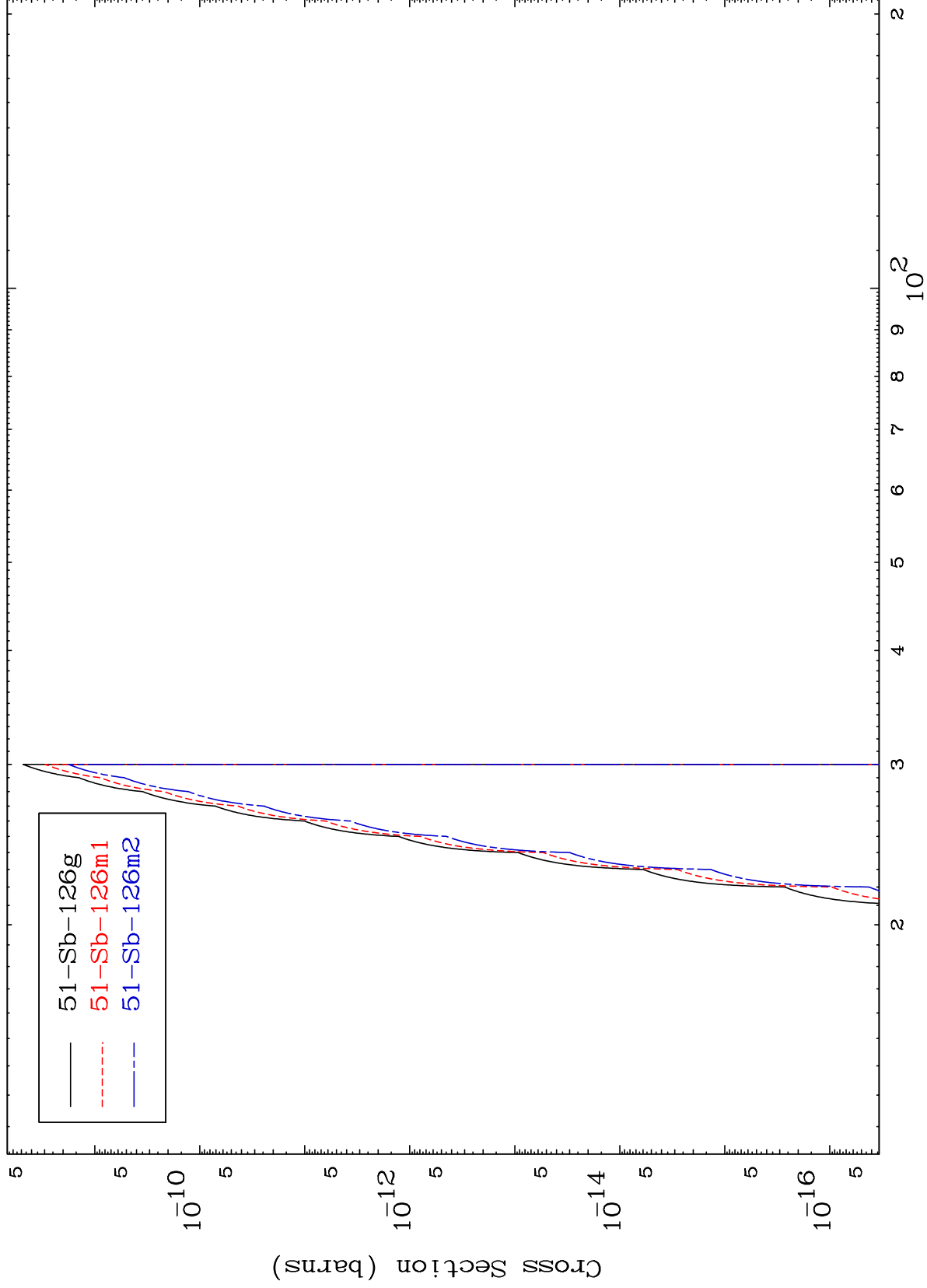
52-Te-129g
52-Te-129m1

MAT 5447

(n,n') p α

54-Xe-131m

Radionuclide Production Cross Section



24

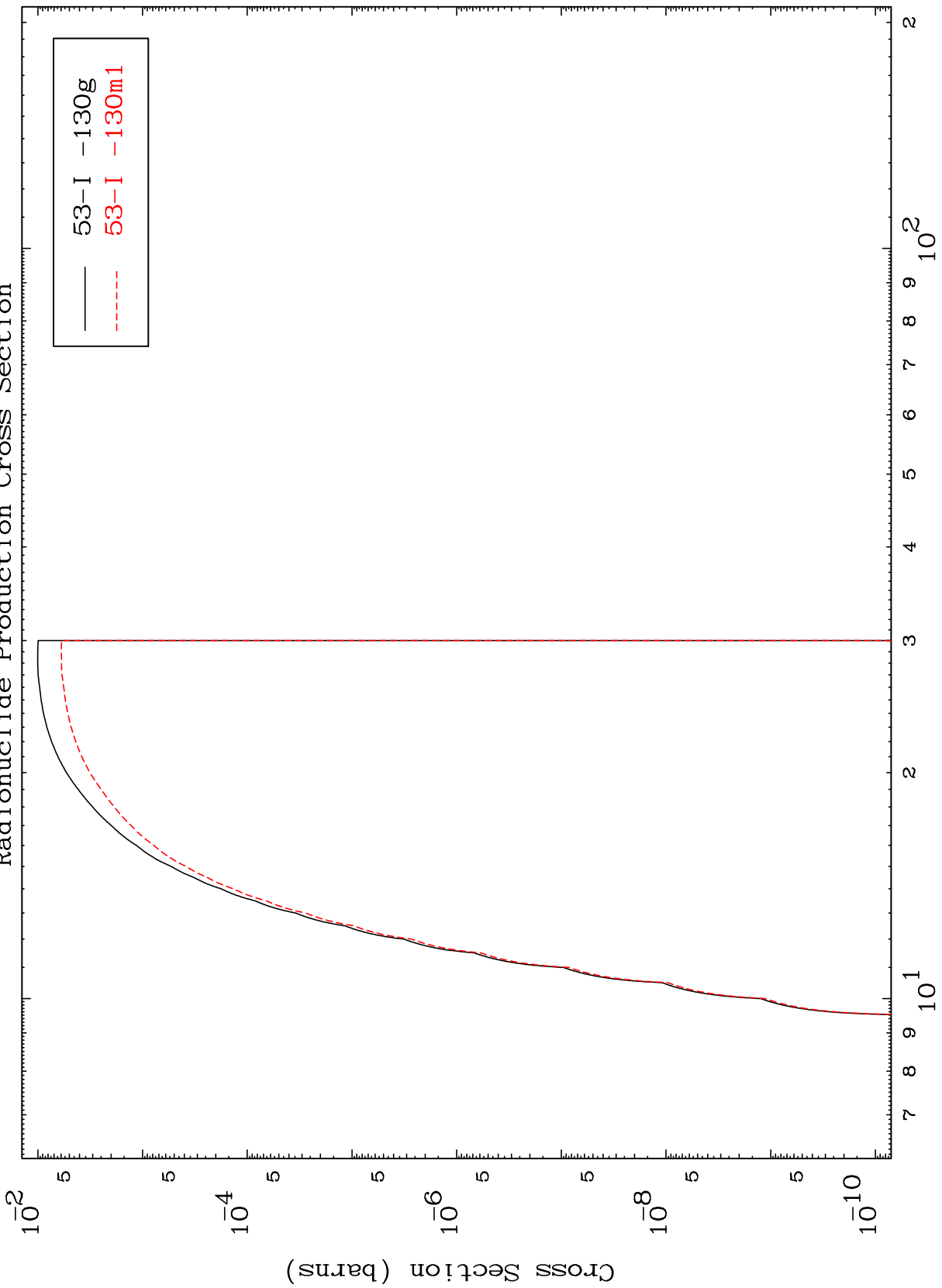
Incident Energy (MeV)

54-Xe-131m

MAT 5447

54-Xe-131m

(n,d)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

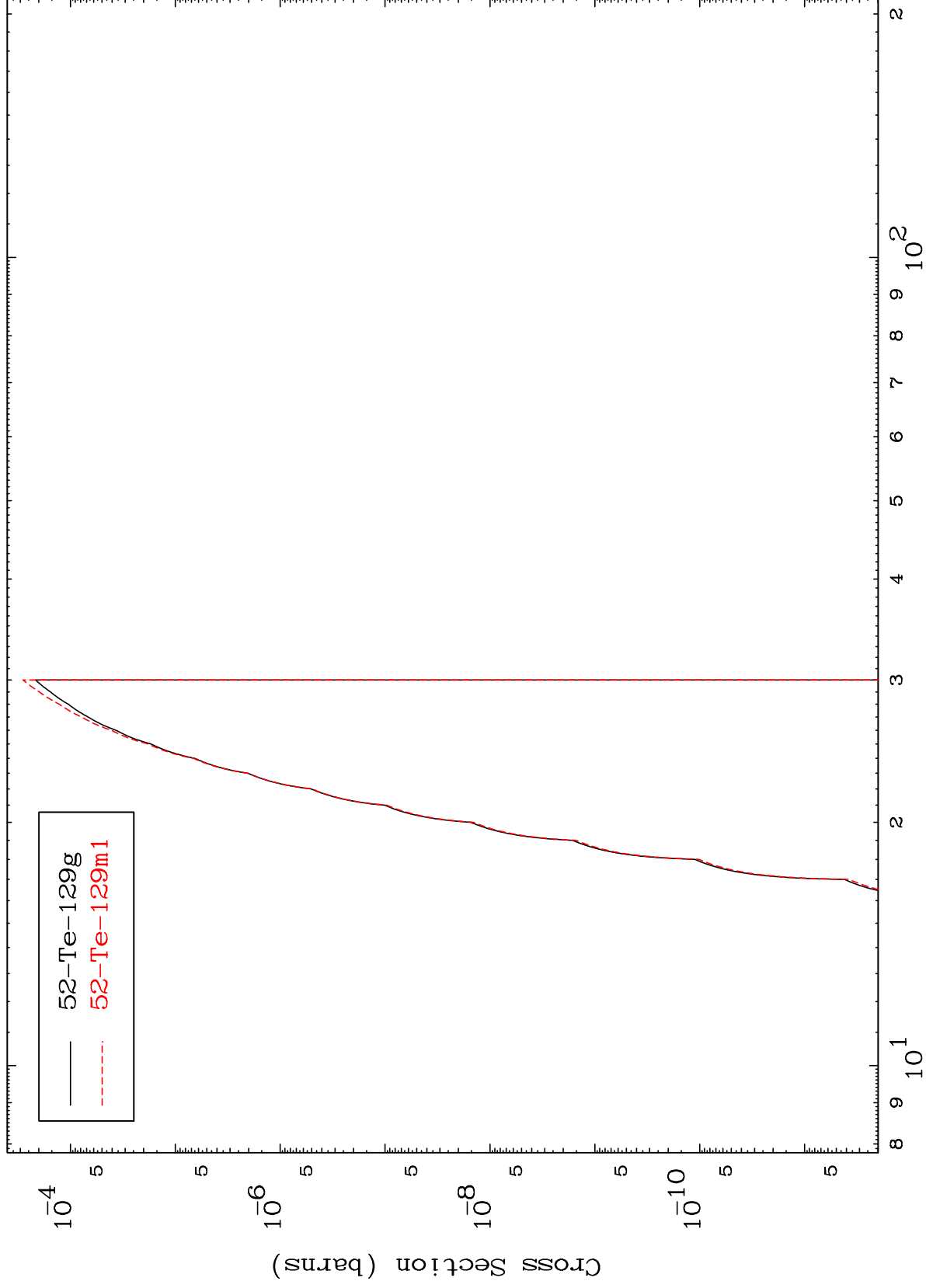
54-Xe-131m

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(n,He-3)

54-Xe-131m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

54-Xe-131m

MAT 5447

(n,p) d

54-Xe-131m

Radionuclide Production Cross Section

