

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

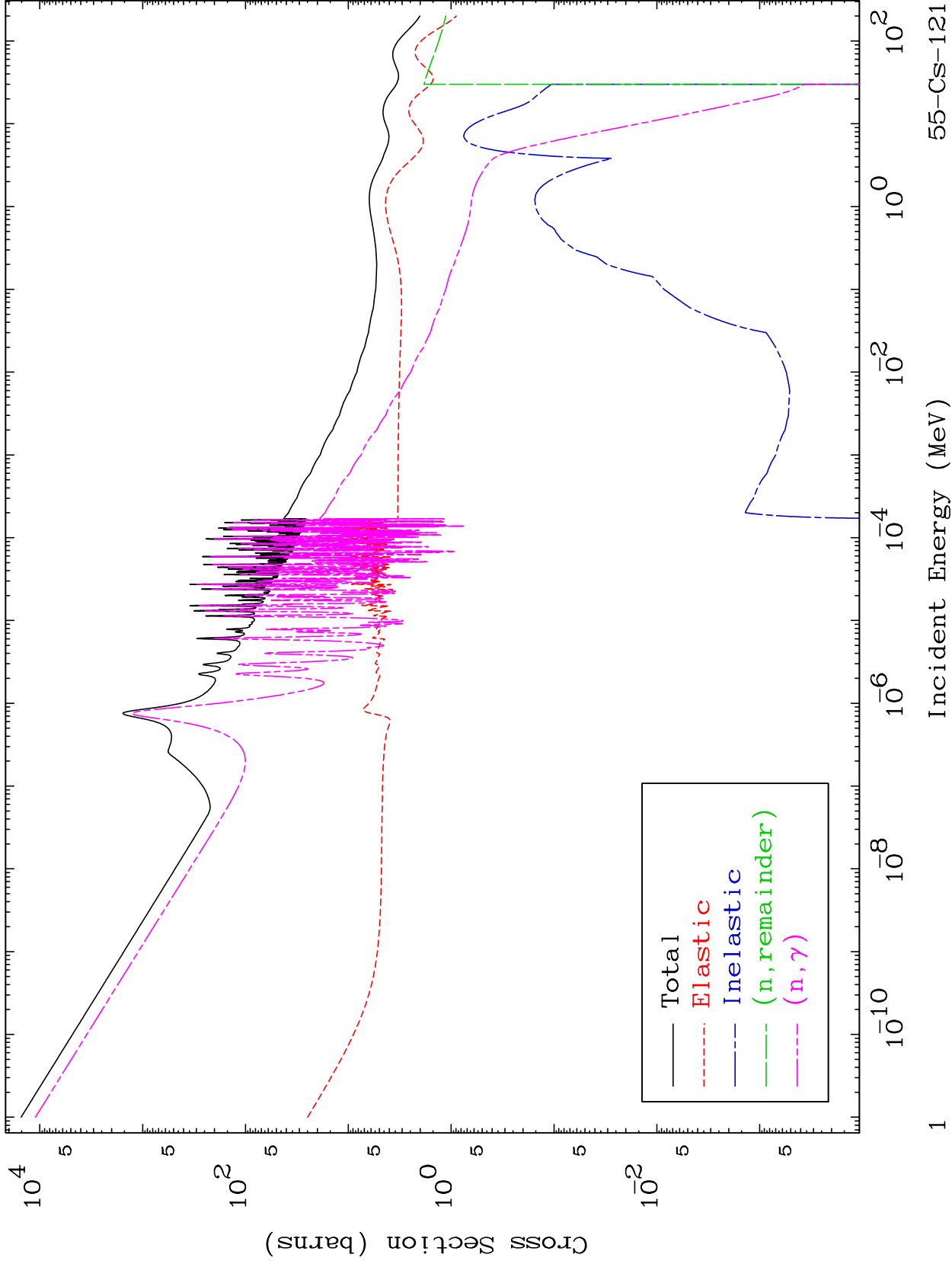
Press Mouse Button to Start

MAT 5490

Major

293 Kelvin Cross Sections

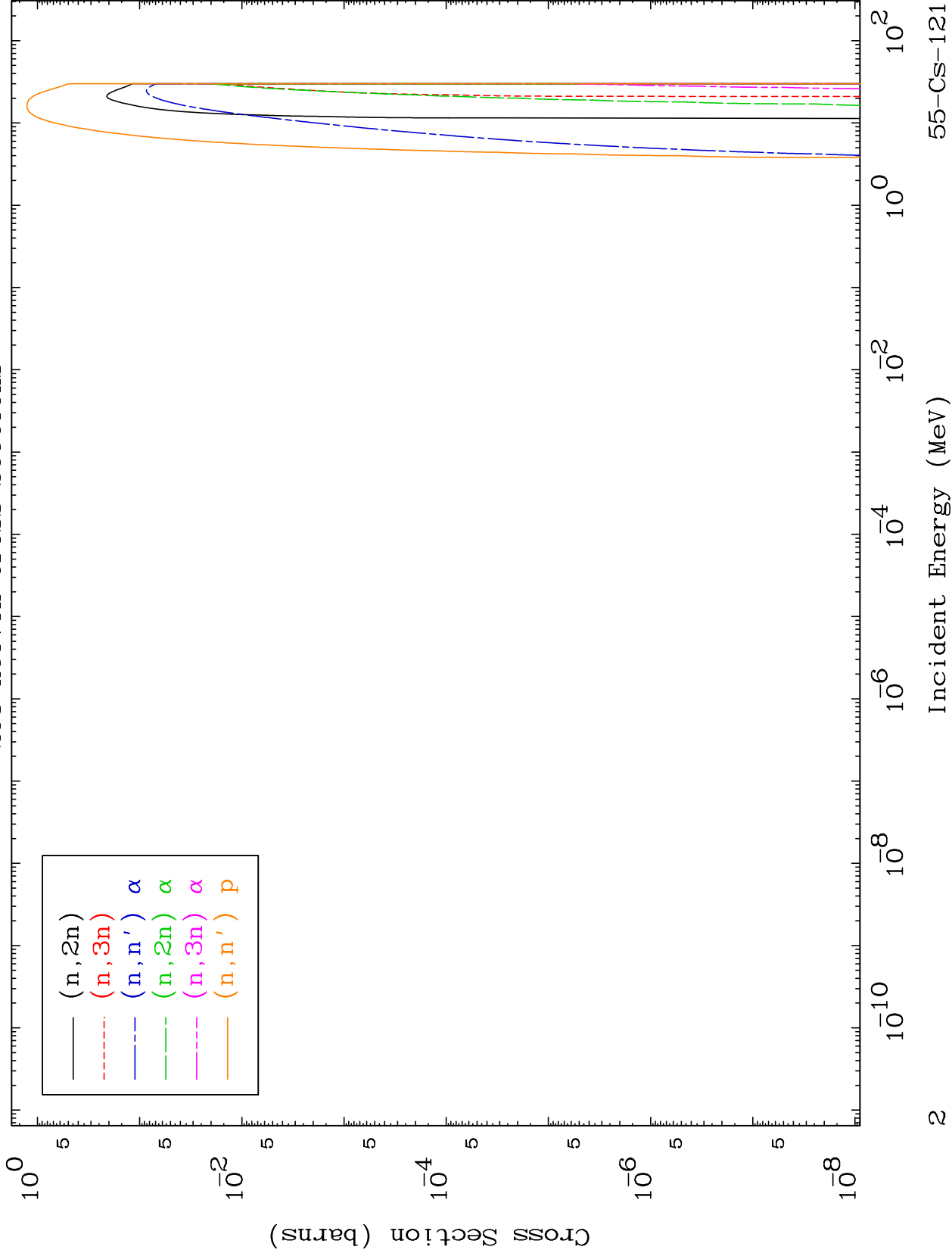
55-Cs-121



MAT 5490

Neutron Production
293 Kelvin Cross Sections

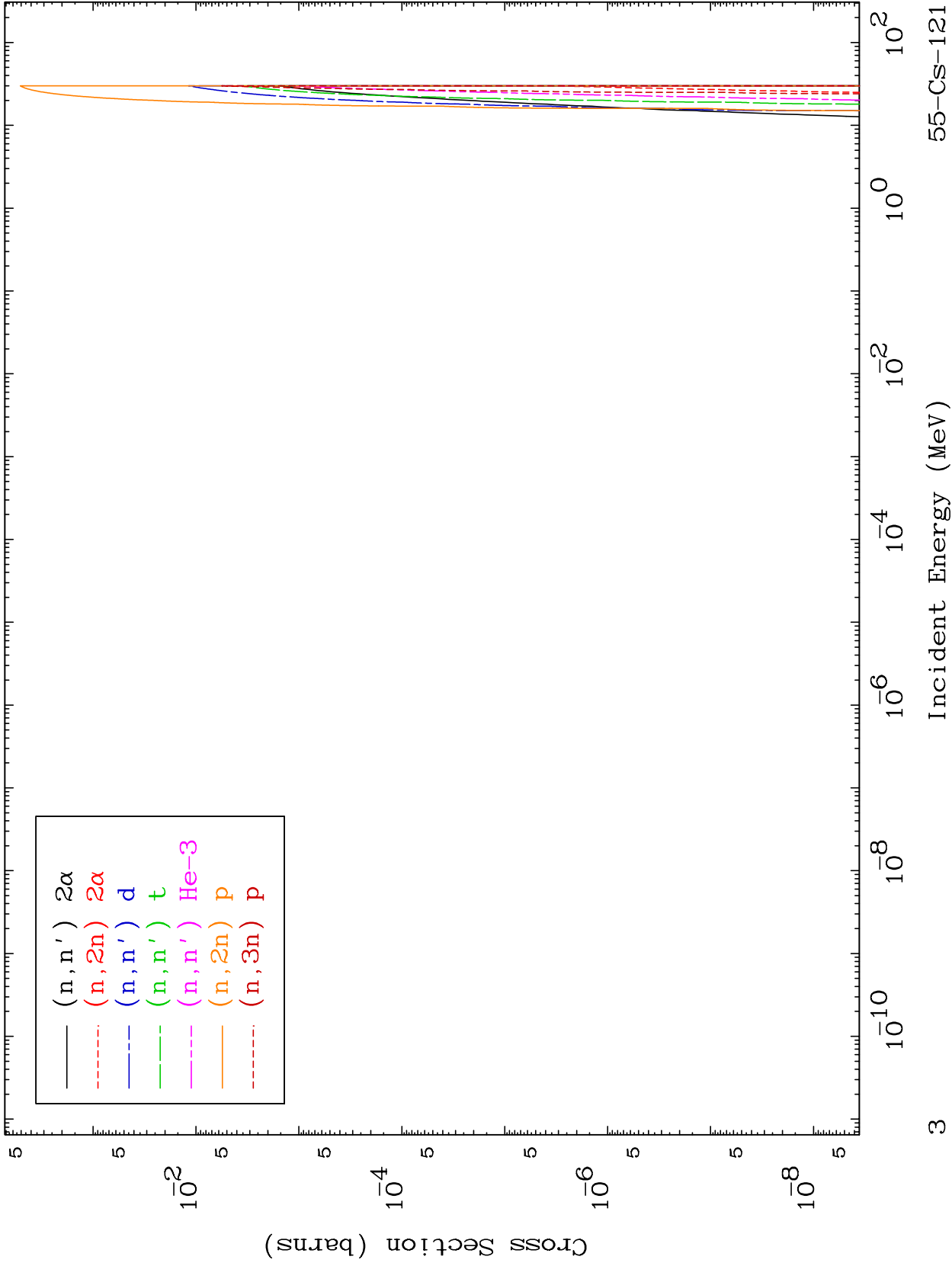
55-Cs-121



MAT 5490

Neutron Production
293 Kelvin Cross Sections

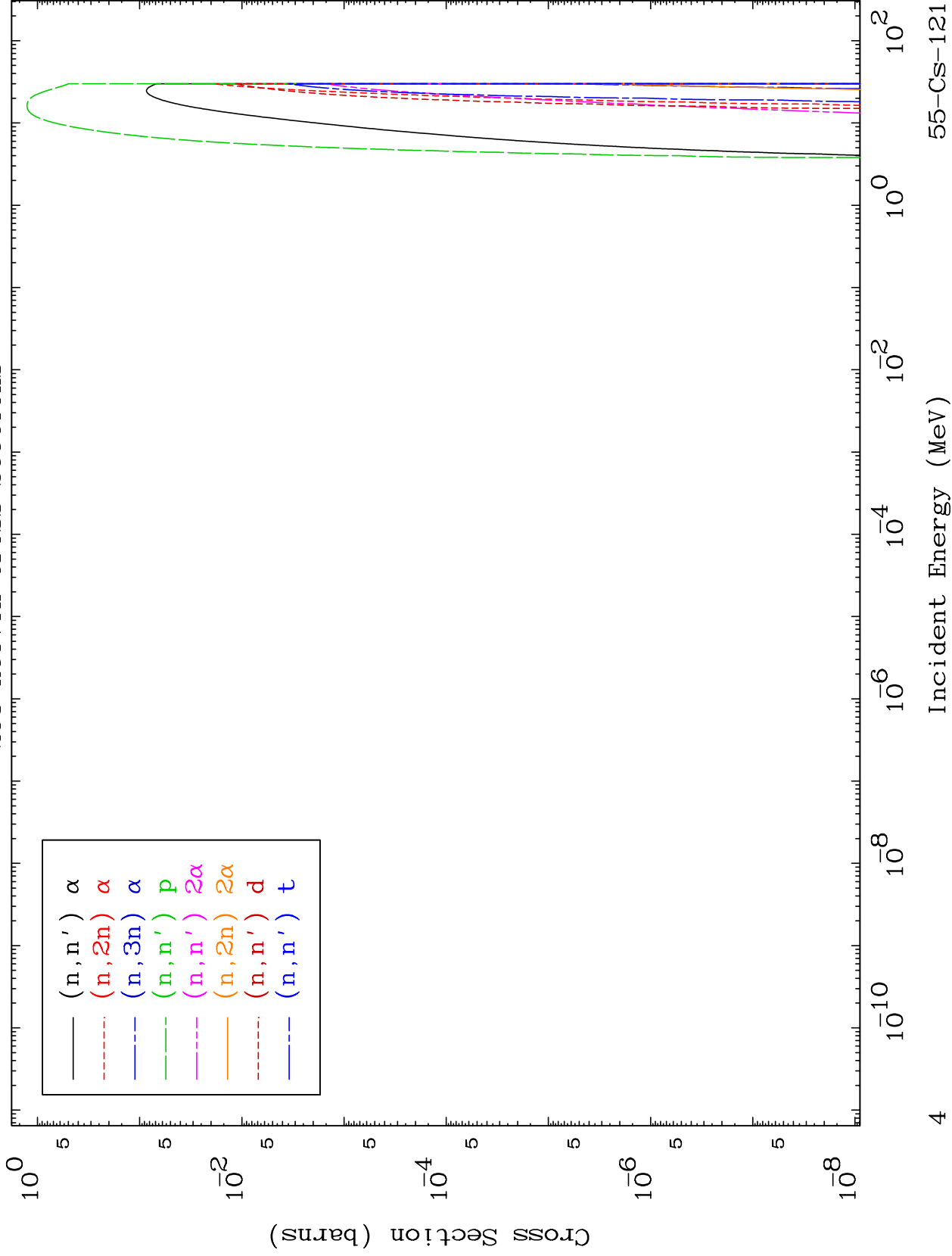
55-Cs-121



MAT 5490

Charged Particle
293 Kelvin Cross Sections

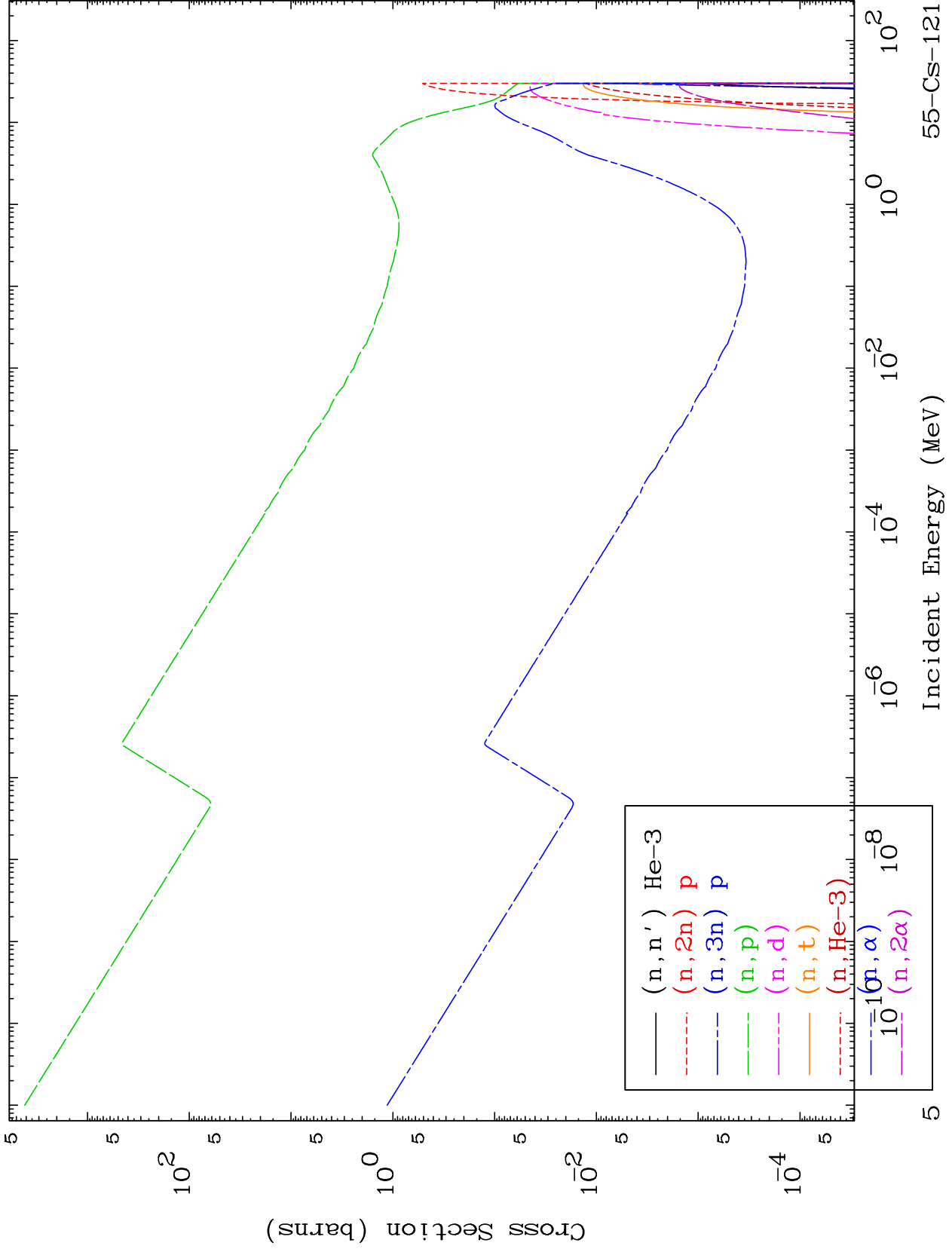
55-Cs-121



MAT 5490

Charged Particle
293 Kelvin Cross Sections

55-Cs-121

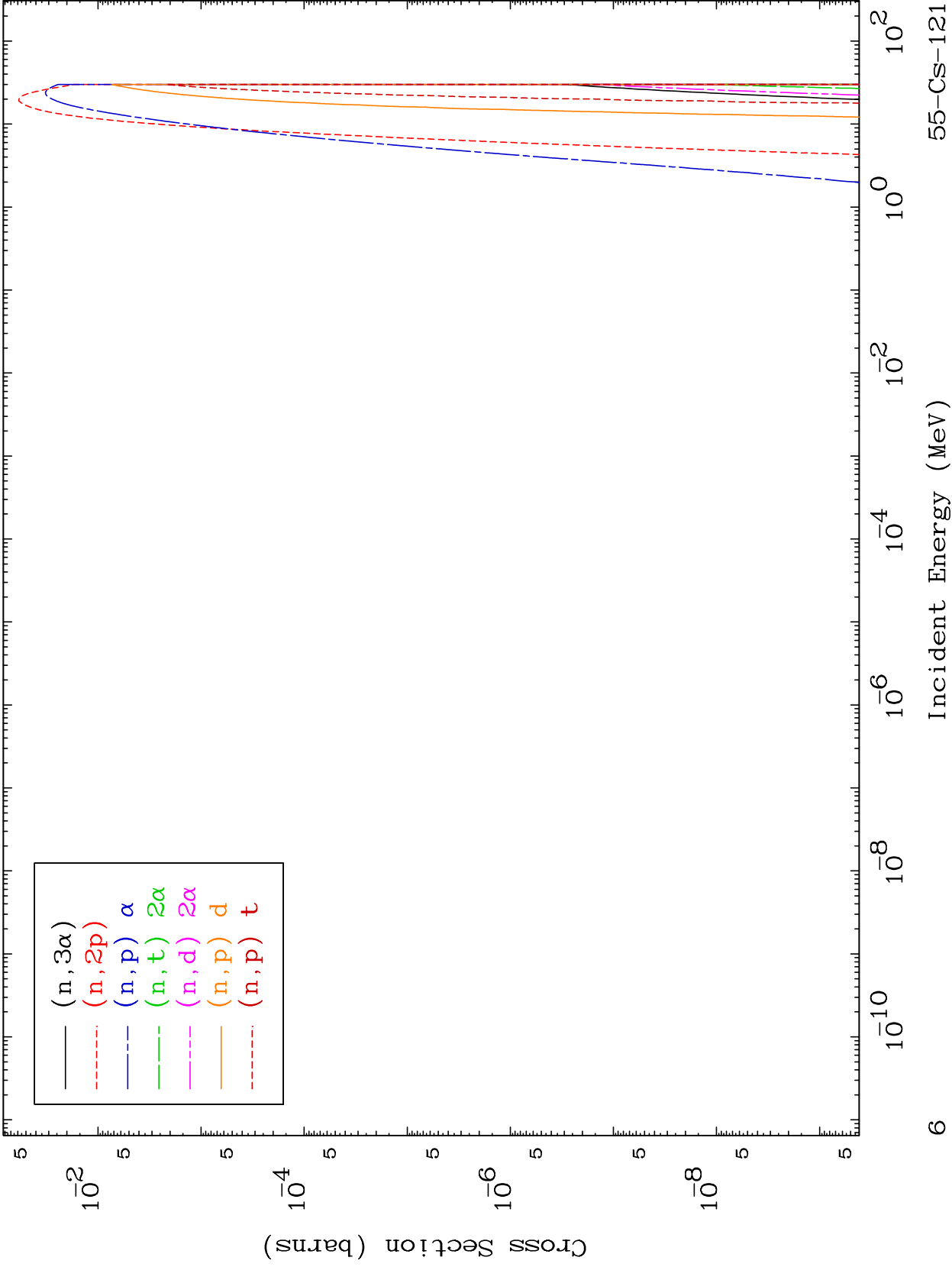


55-Cs-121

MAT 5490

Charged Particle
293 Kelvin Cross Sections

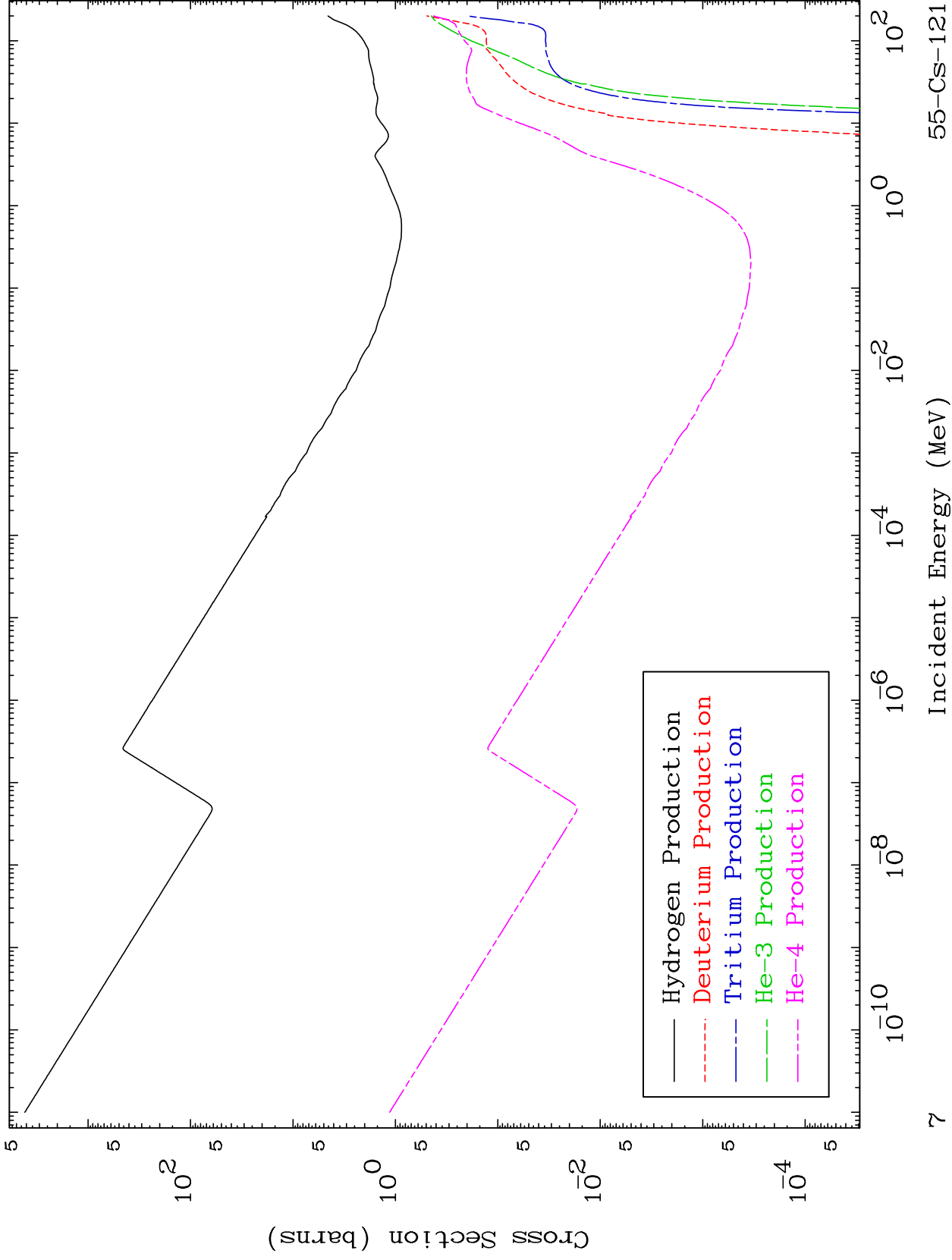
55-Cs-121

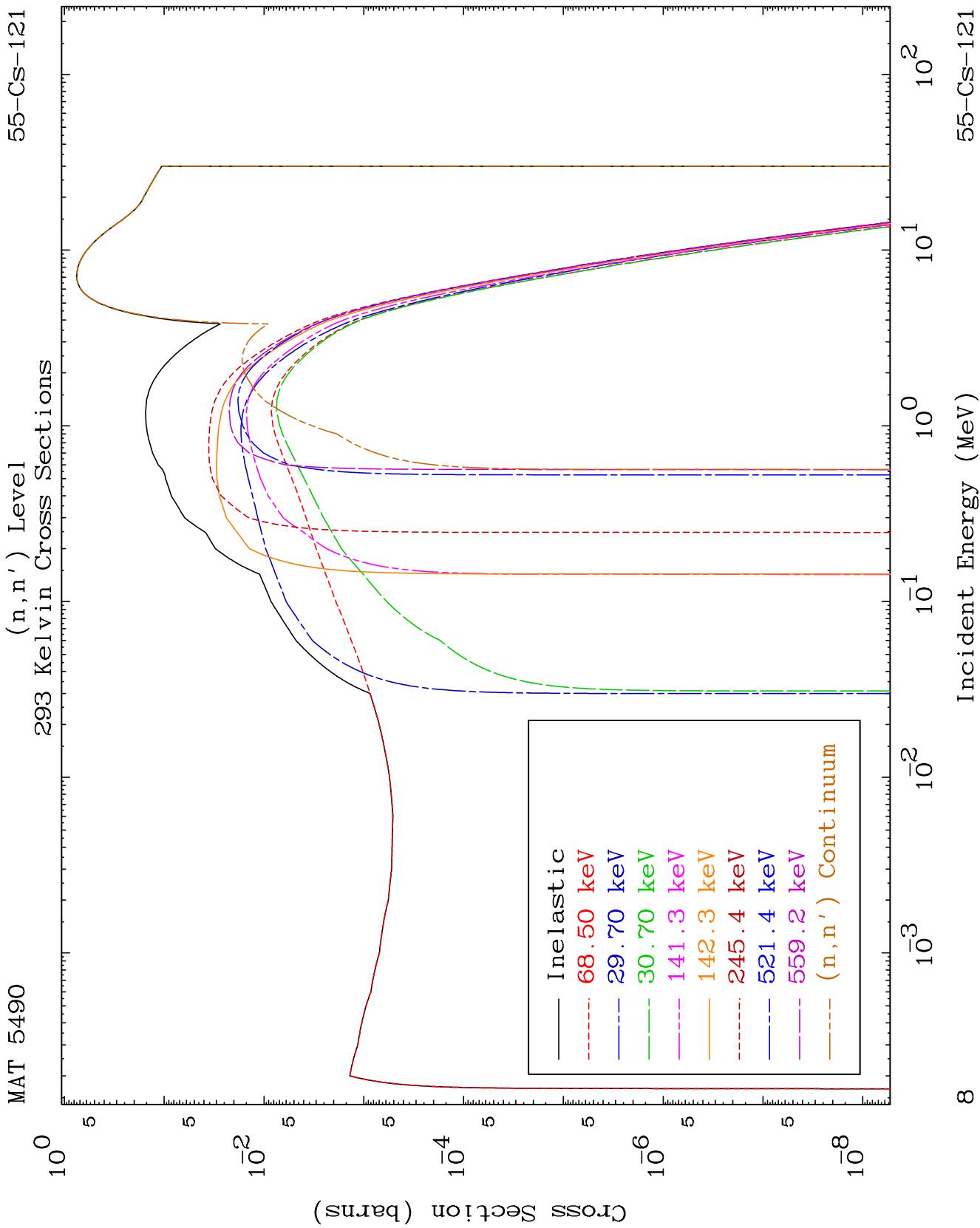


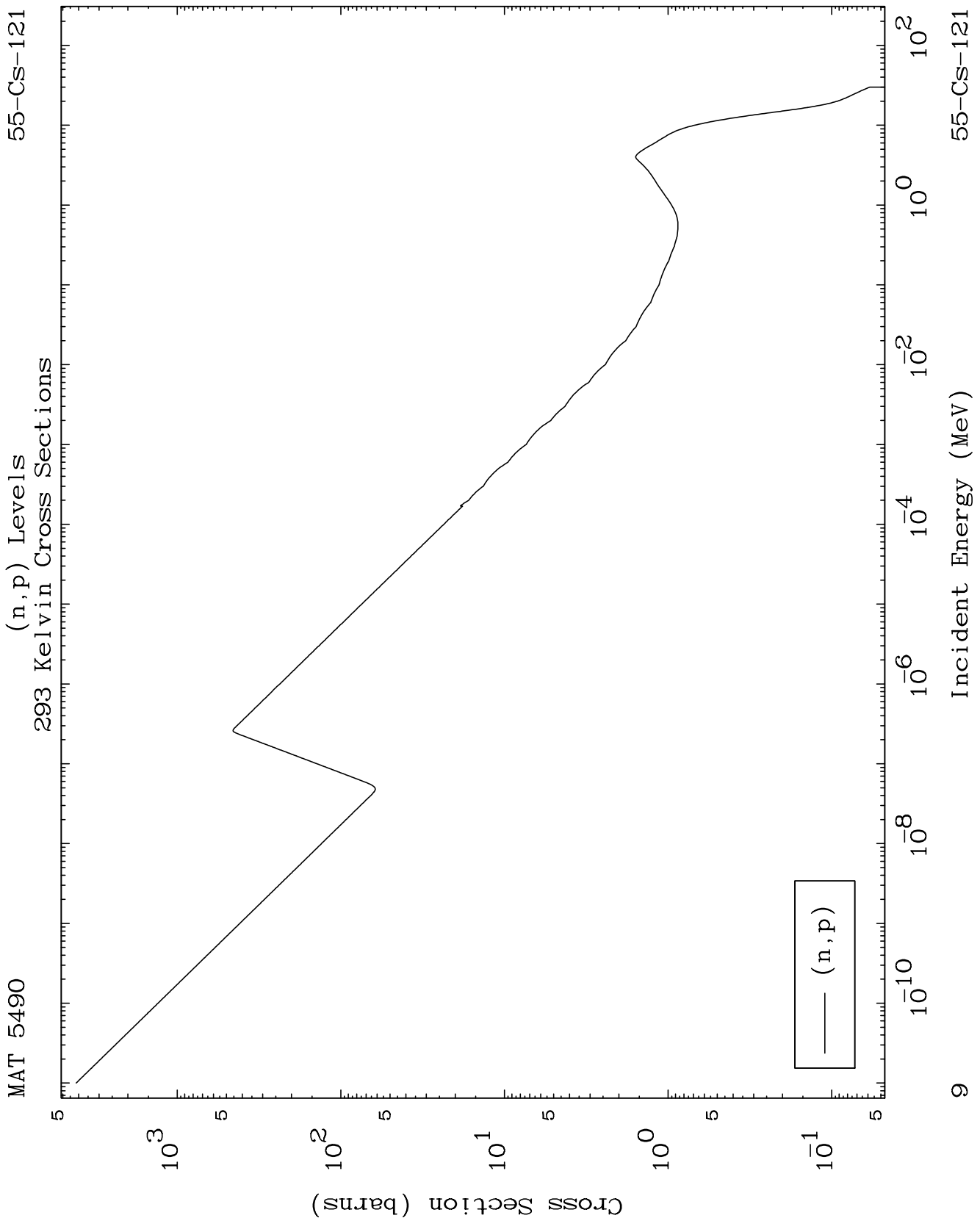
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Particle Production
293 Kelvin Cross Sections

55-Cs-121



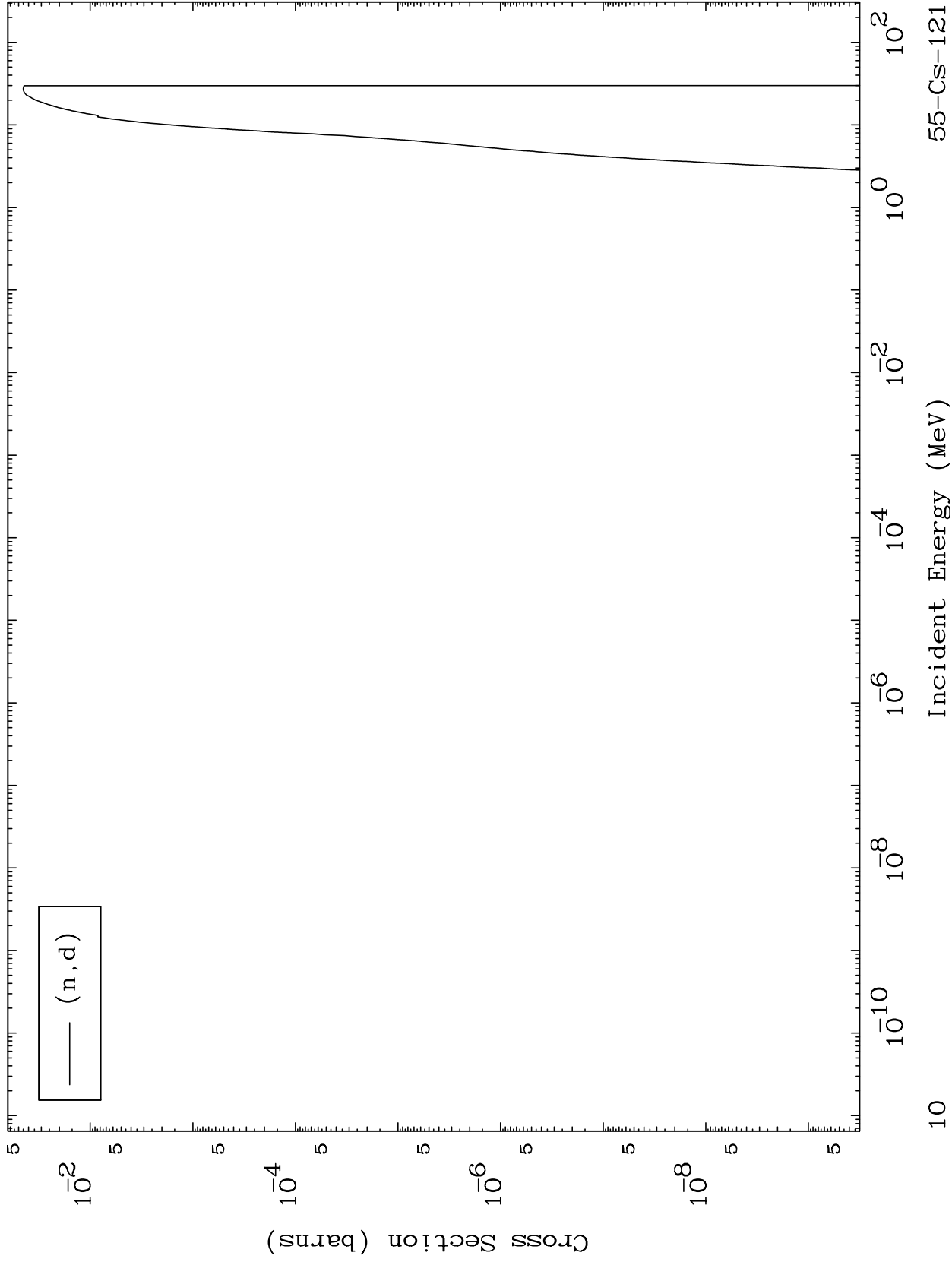




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(n,d) Levels
293 Kelvin Cross Sections

55-Cs-121



10

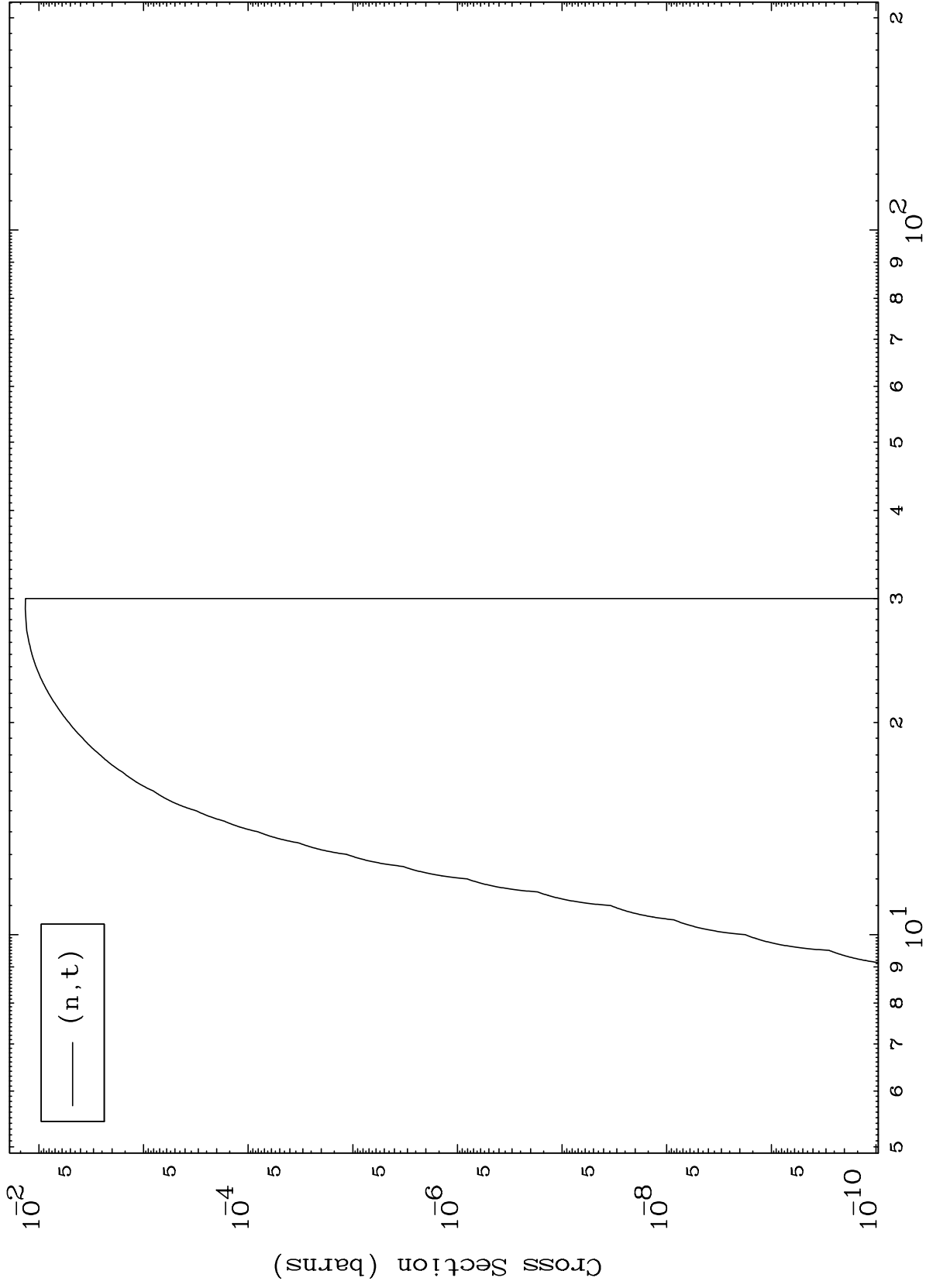
Incident Energy (MeV)

55-Cs-121

MAT 5490

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-121



11

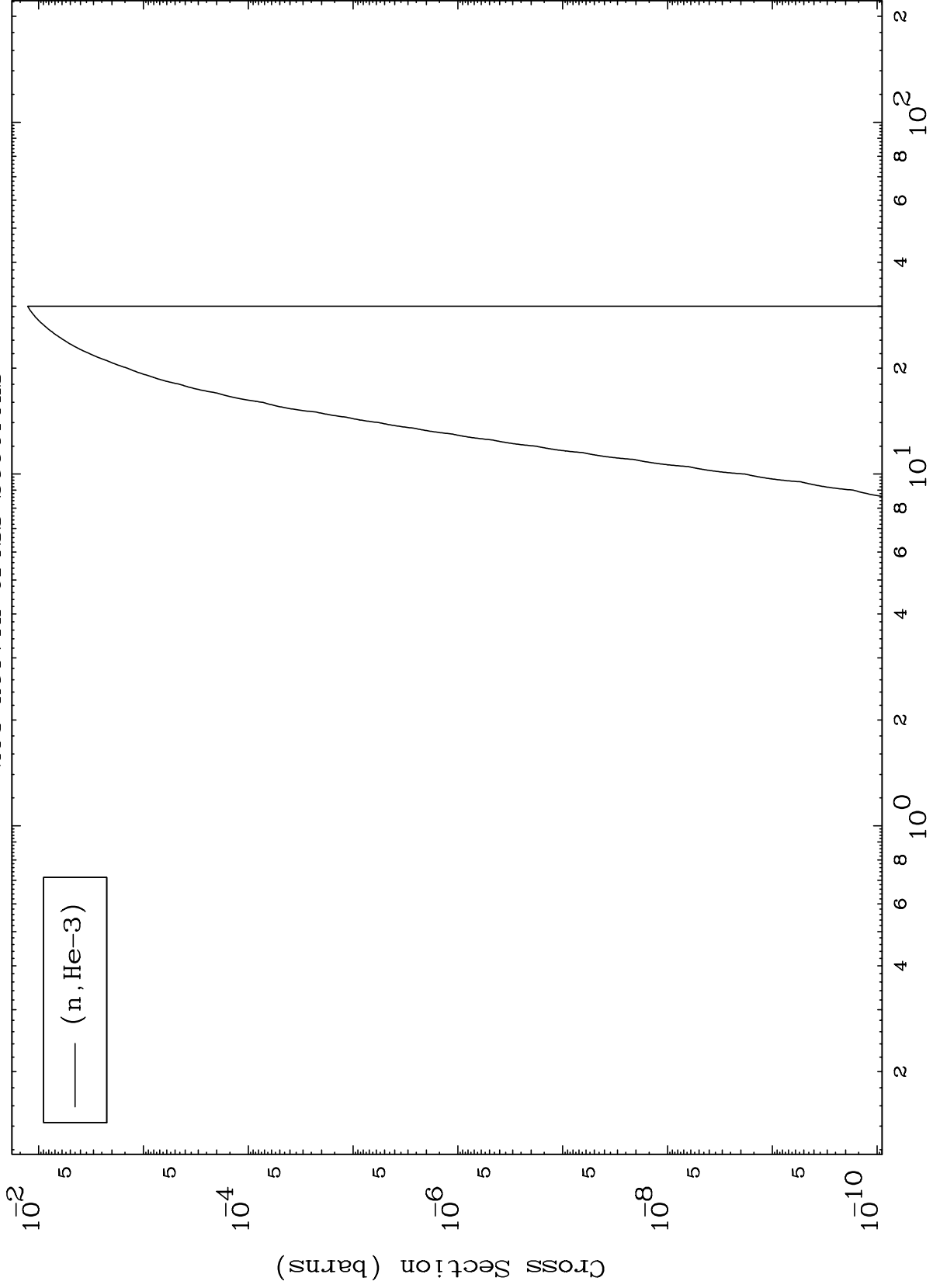
Incident Energy (MeV)

55-Cs-121

MAT 5490

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-121



12

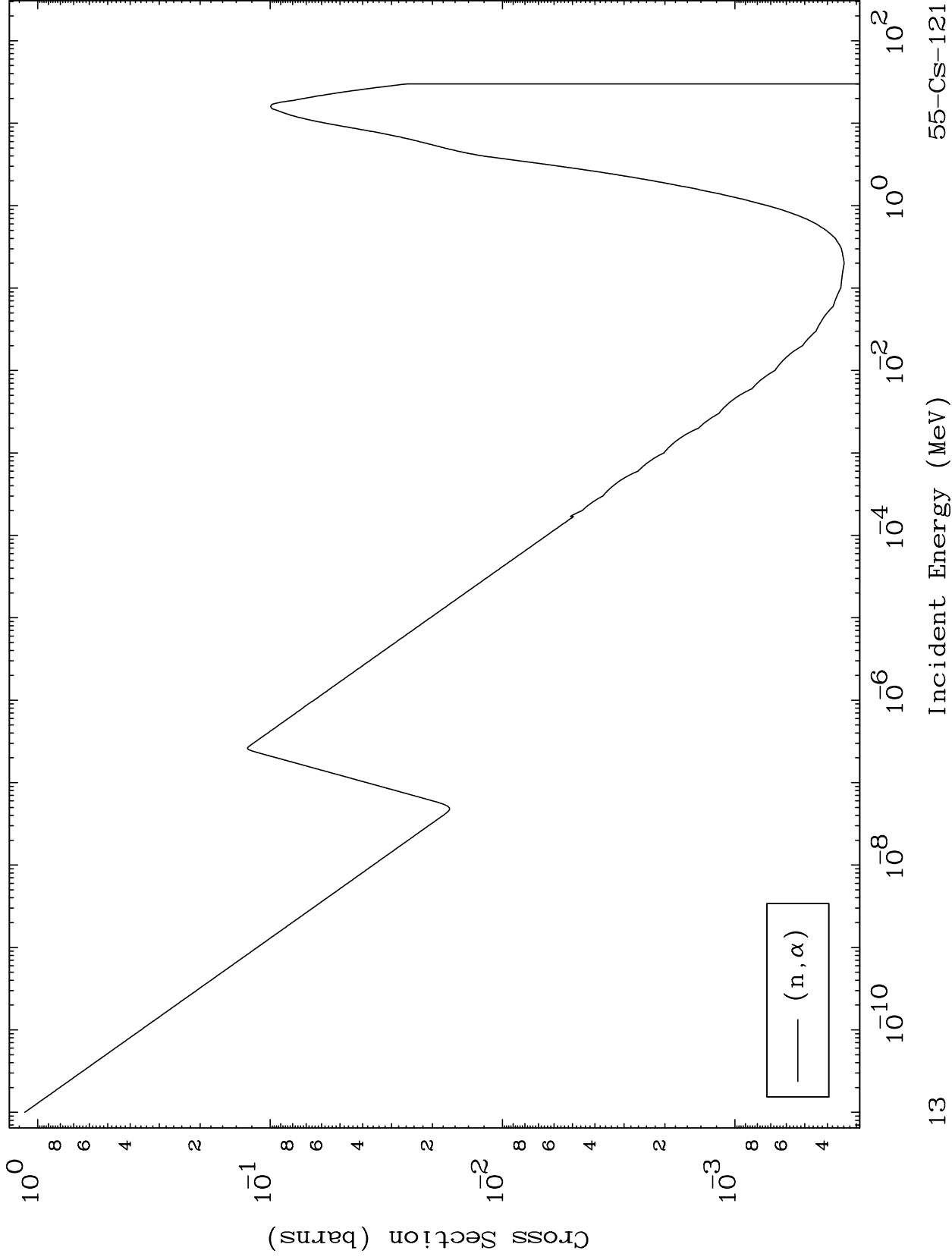
Incident Energy (MeV)

55-Cs-121

MAT 5490

(n,α) Levels
293 Kelvin Cross Sections

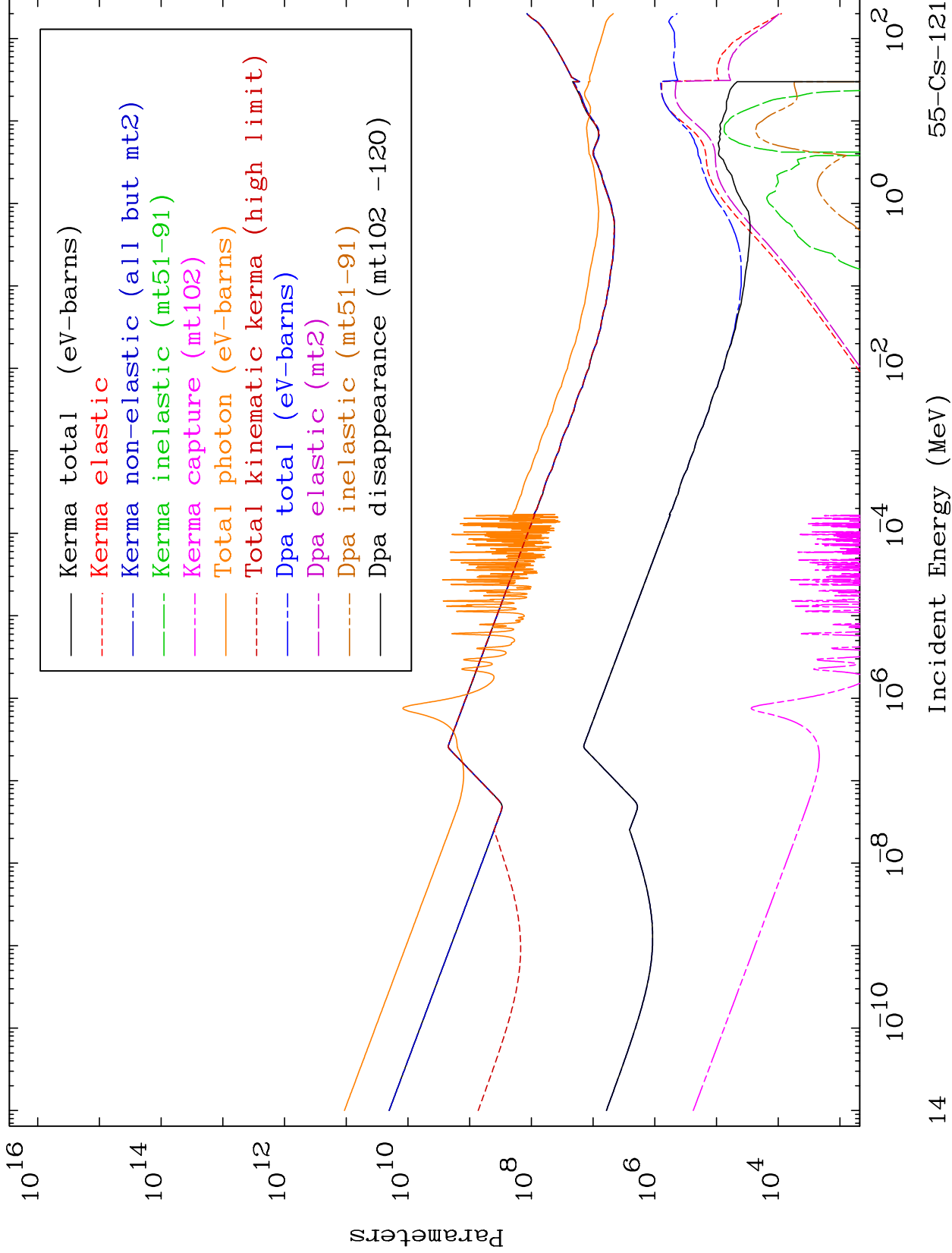
55-Cs-121



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Incident Energy (MeV)

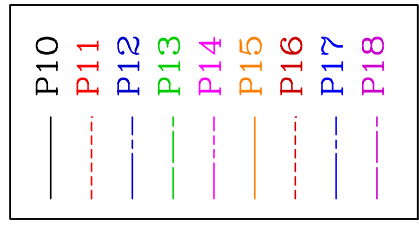
55-Cs-121



MAT 5490

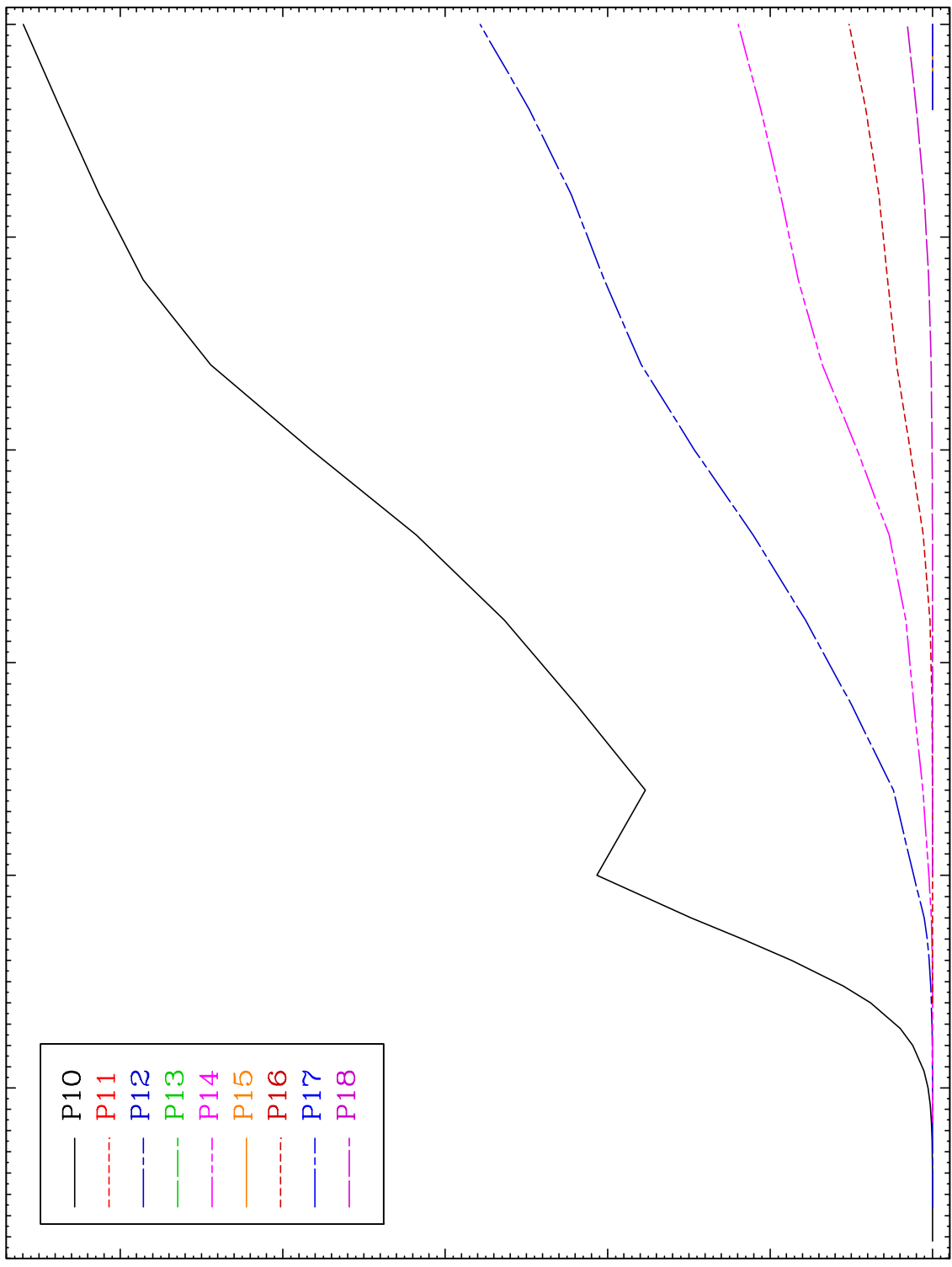
Elastic Legendre Coefficients

55-Cs-121



$\times 10^{-4}$

Legendre (CM)



16

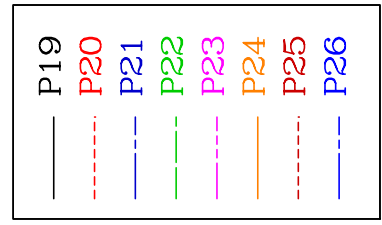
Incident Energy (MeV)

55-Cs-121

MAT 5490

Elastic Legendre Coefficients

55-Cs-121



$\times 10^{-7}$

Legendre (CM)

8

6

4

2

0

15

20

25

30

17

Incident Energy (MeV)

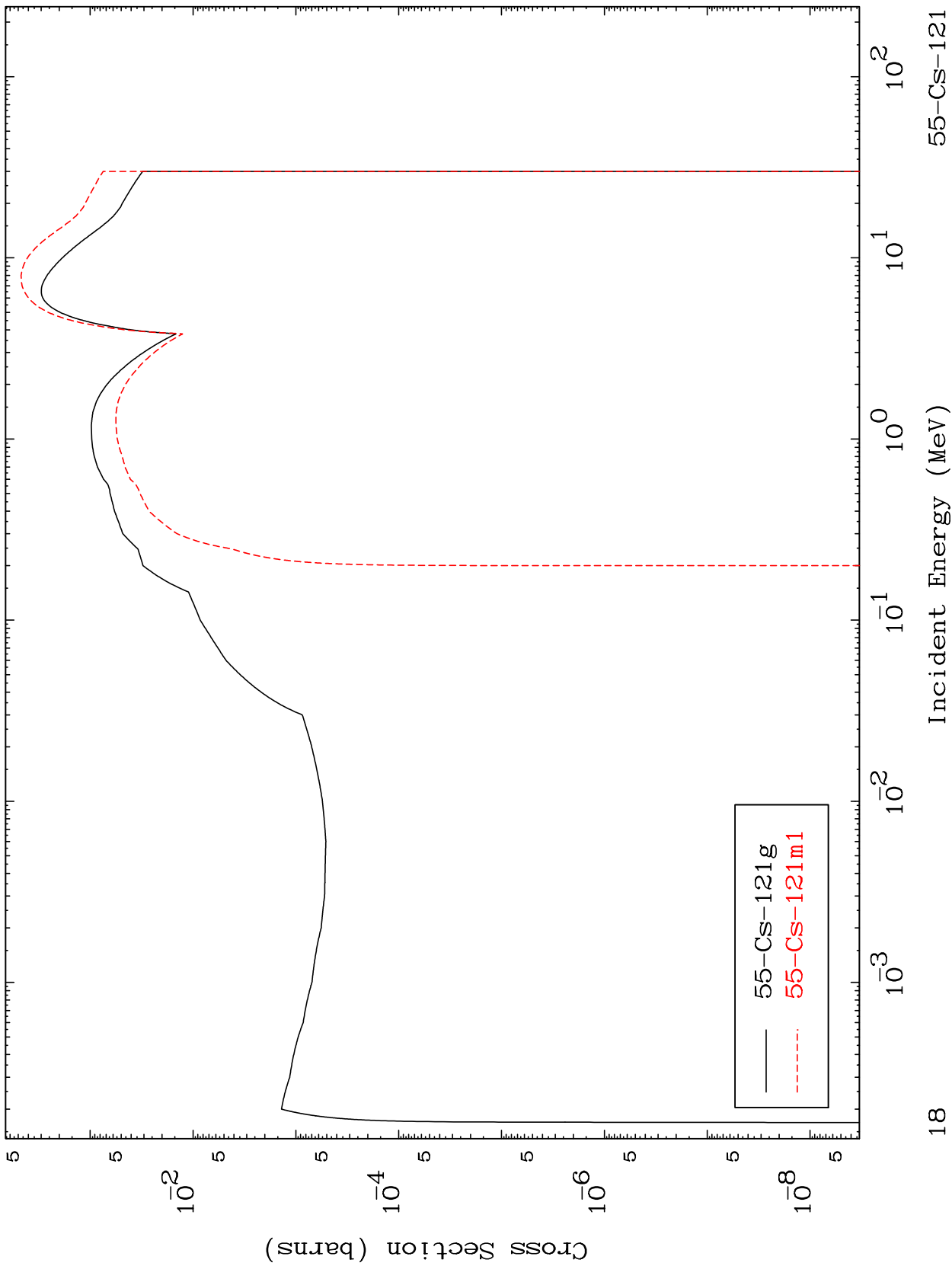
55-Cs-121



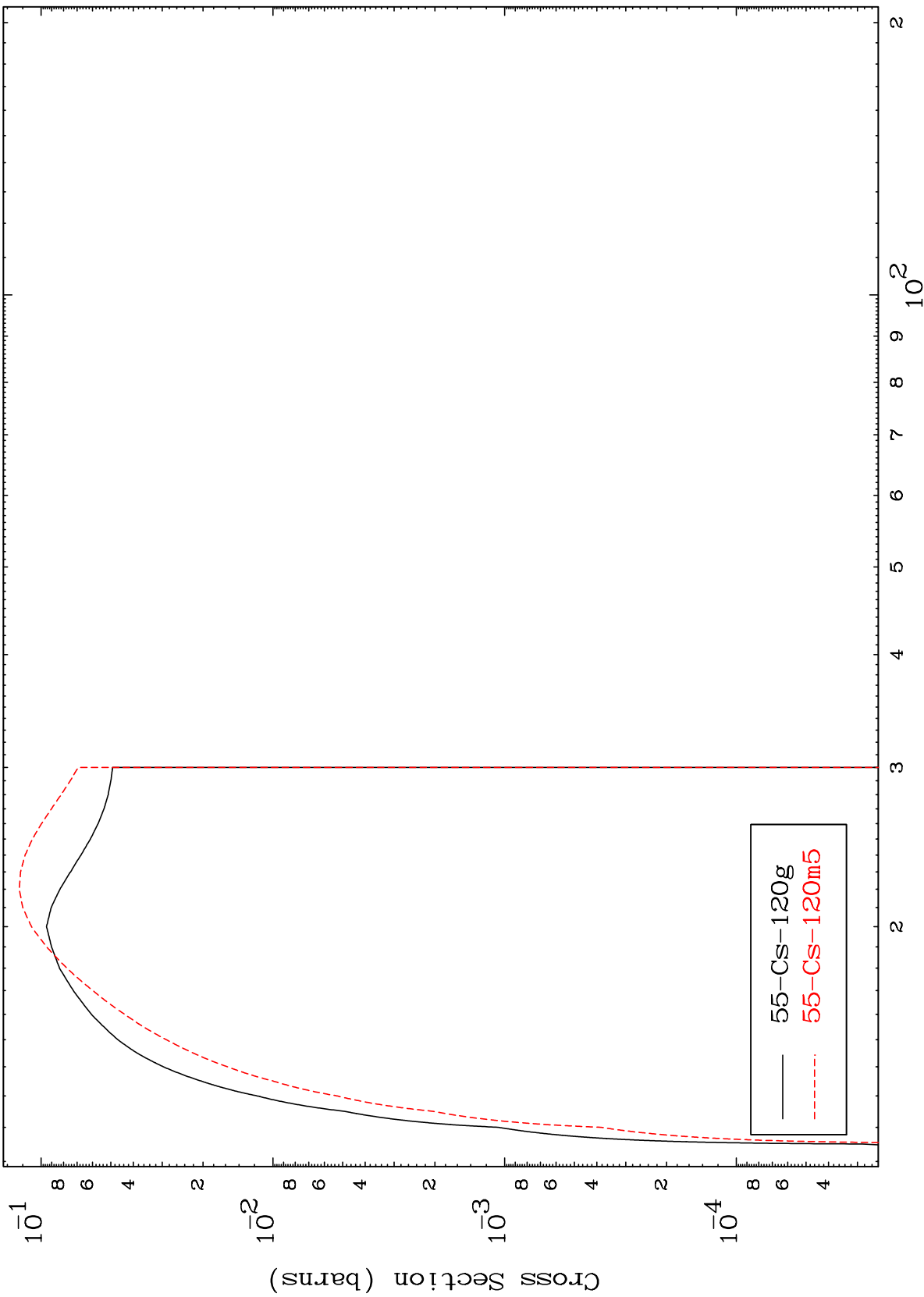
MAT 5490

55-Cs-121

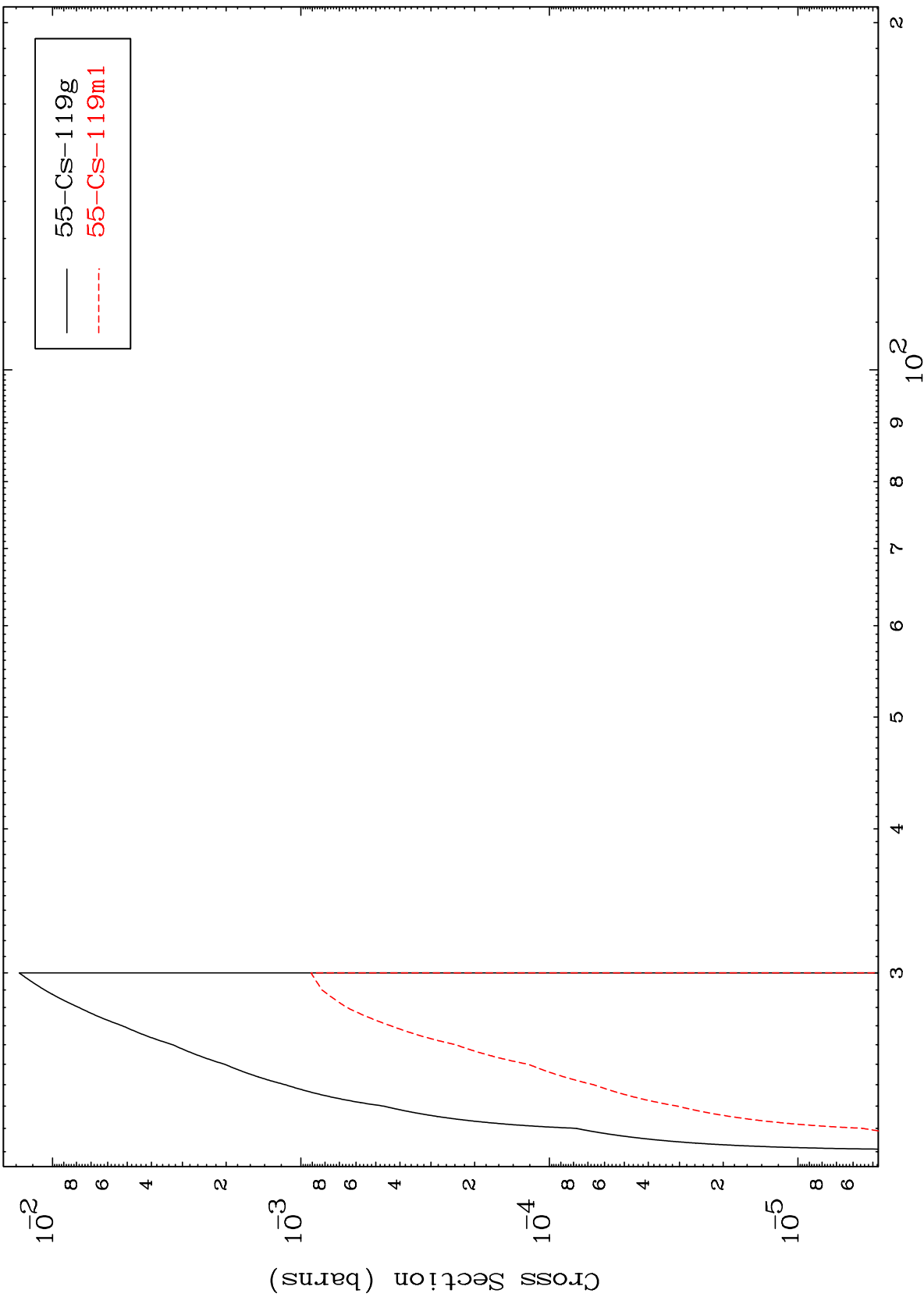
Inelastic
Radionuclide Production Cross Section



(n,2n)
Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

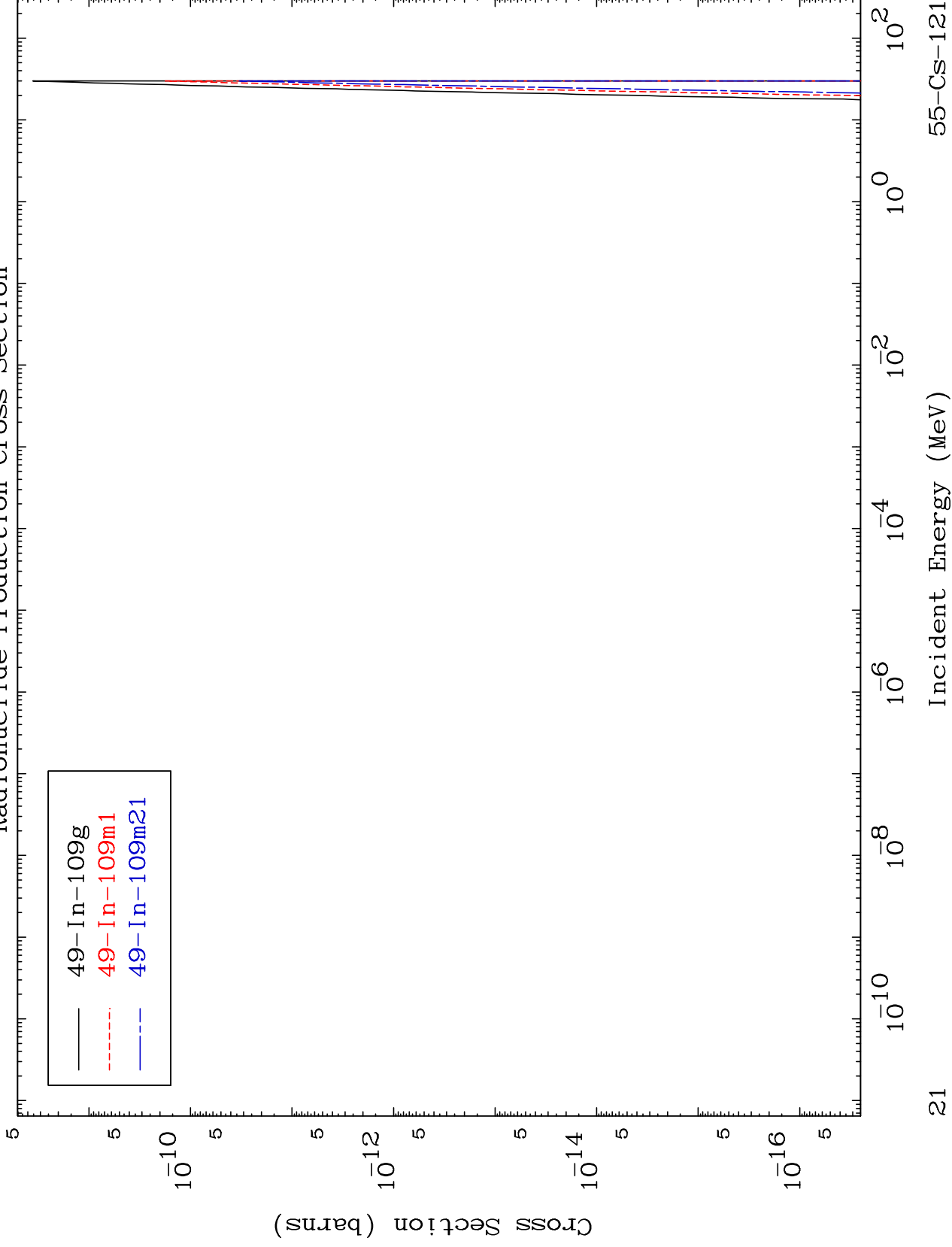


MAT 5490

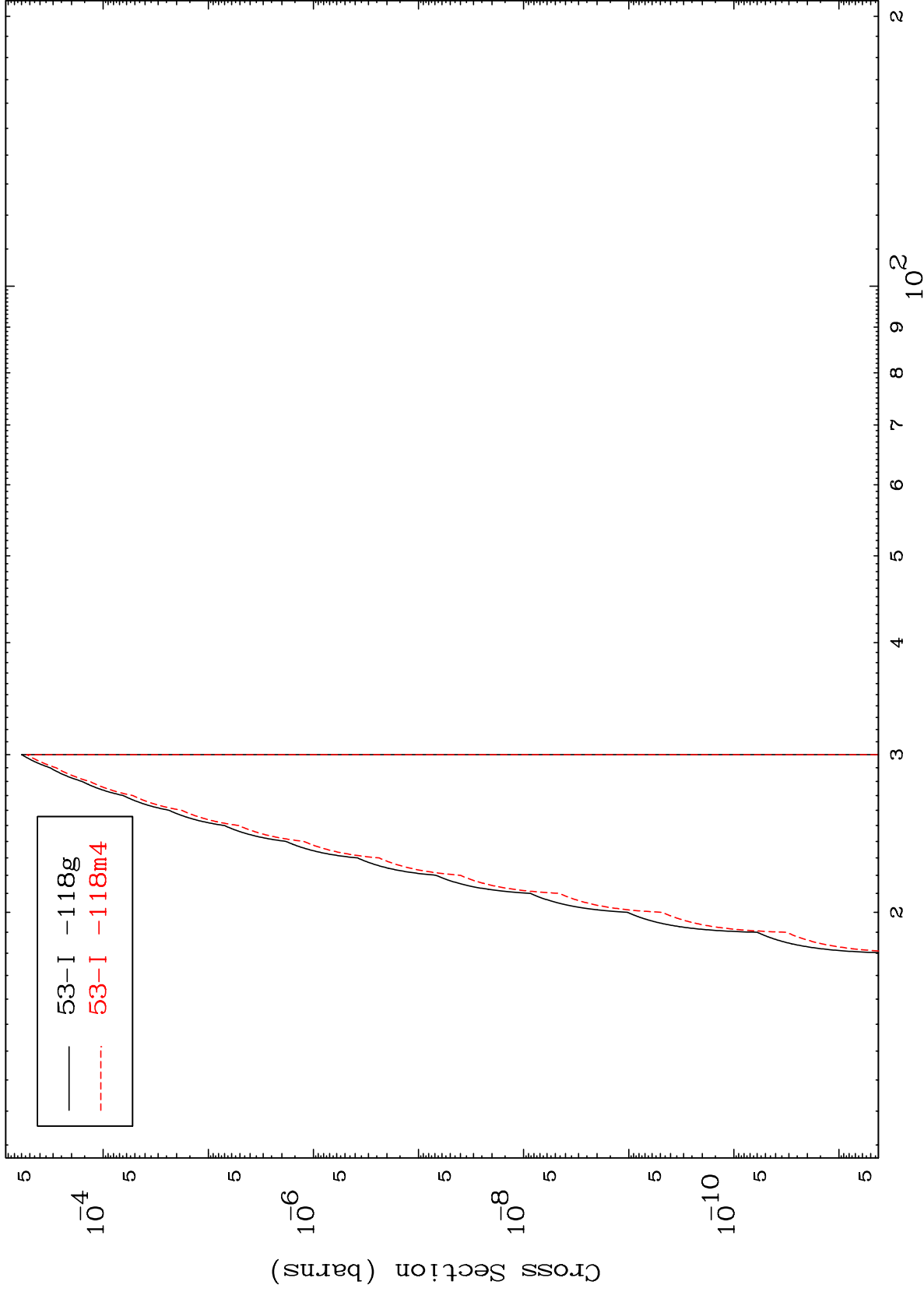
(n,n') 3 α

55-Cs-121

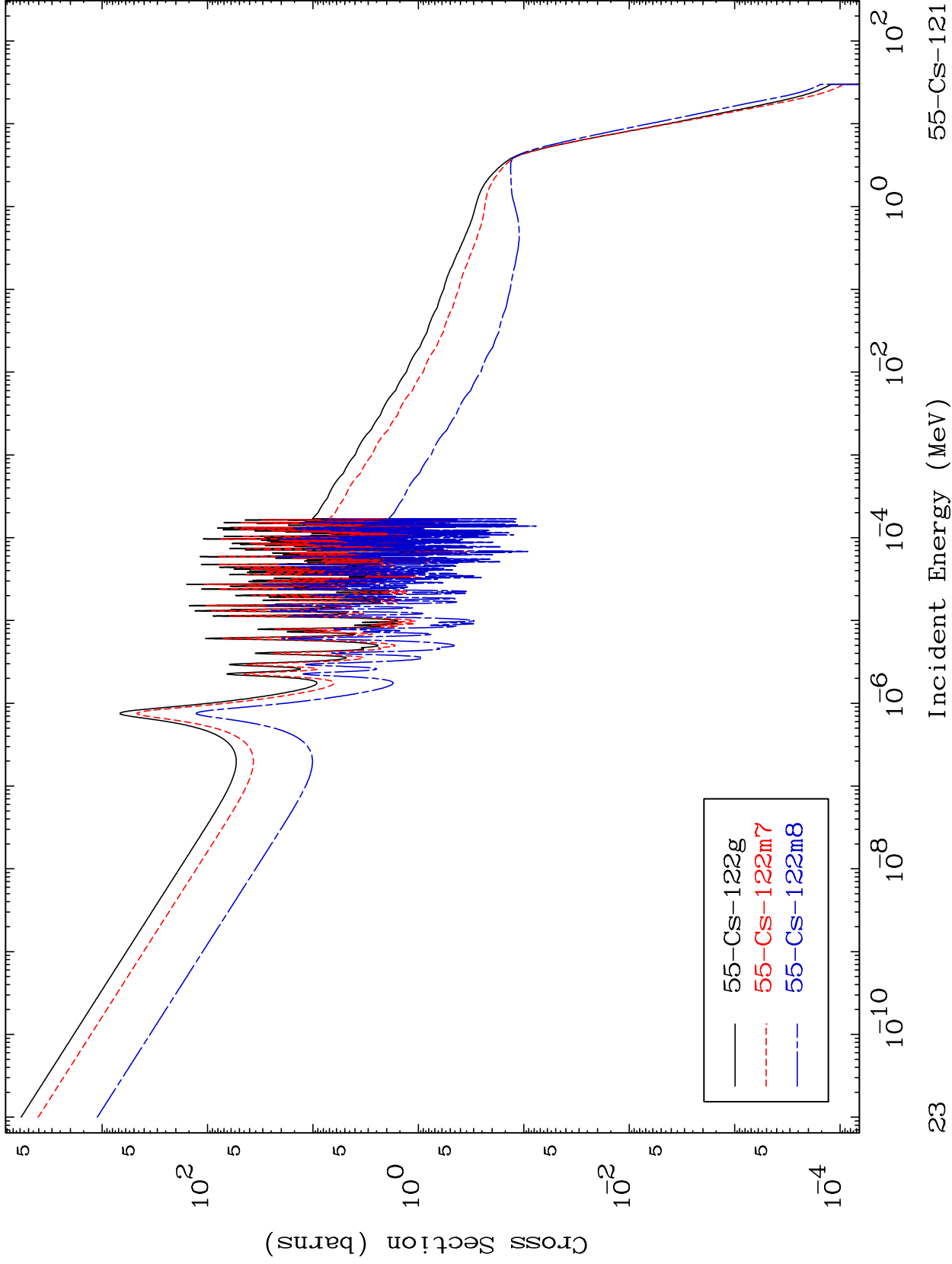
Radionuclide Production Cross Section



Radionuclide Production Cross Section



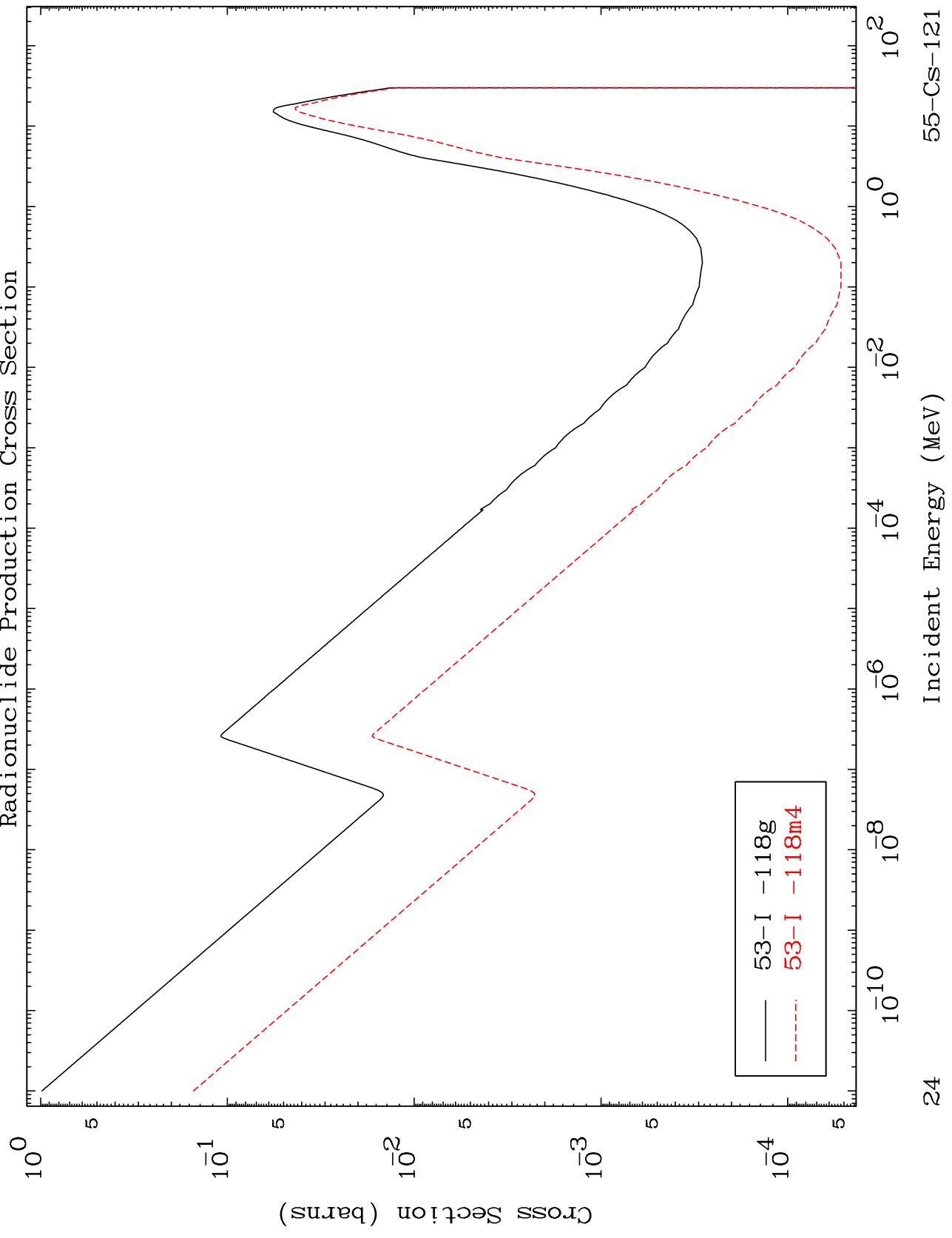
(n, γ)
Radionuclide Production Cross Section



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55-Cs-121

Radionuclide Production Cross Section
(n, α)

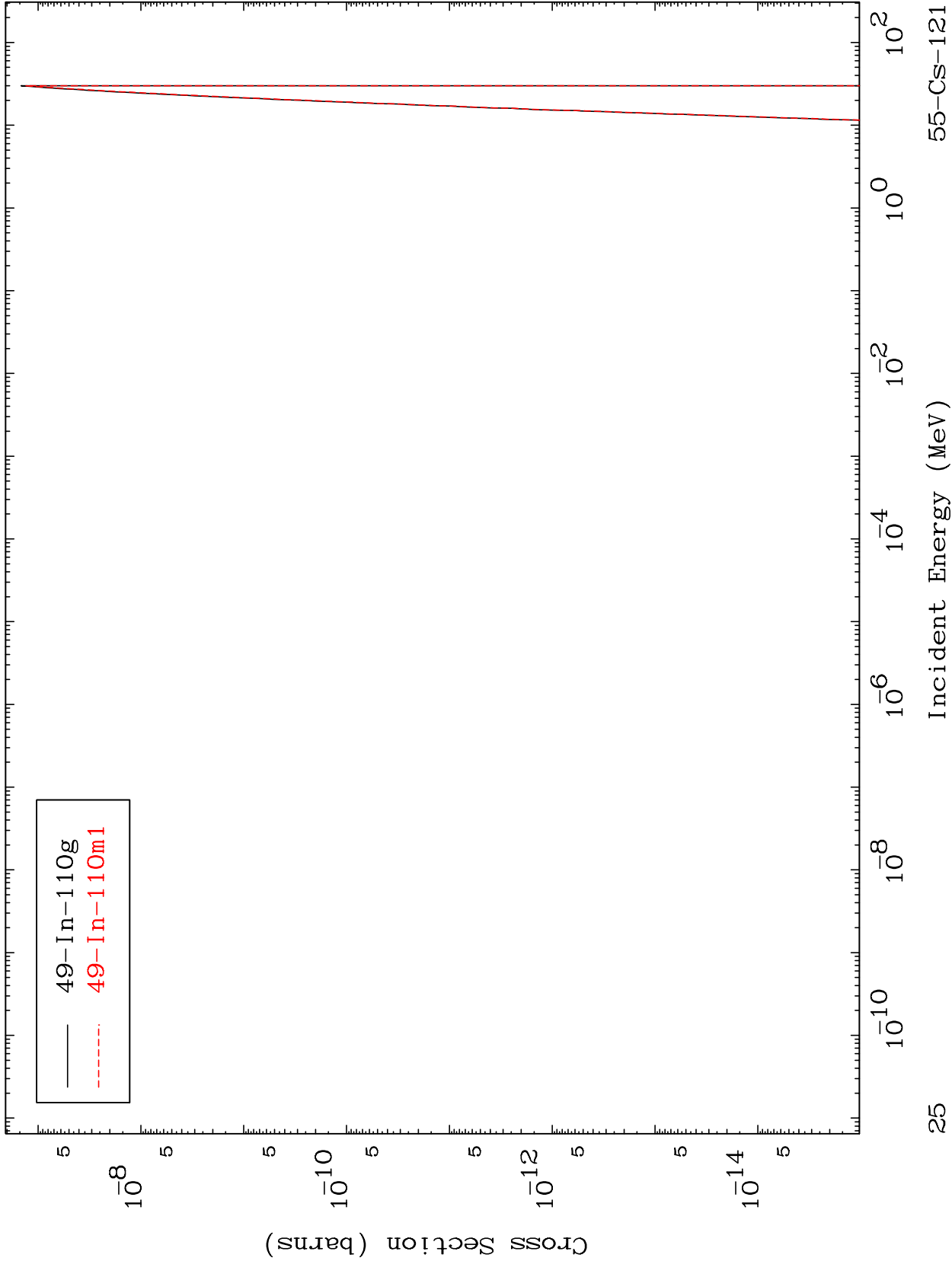


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(n,3α)

55-Cs-121

Radionuclide Production Cross Section

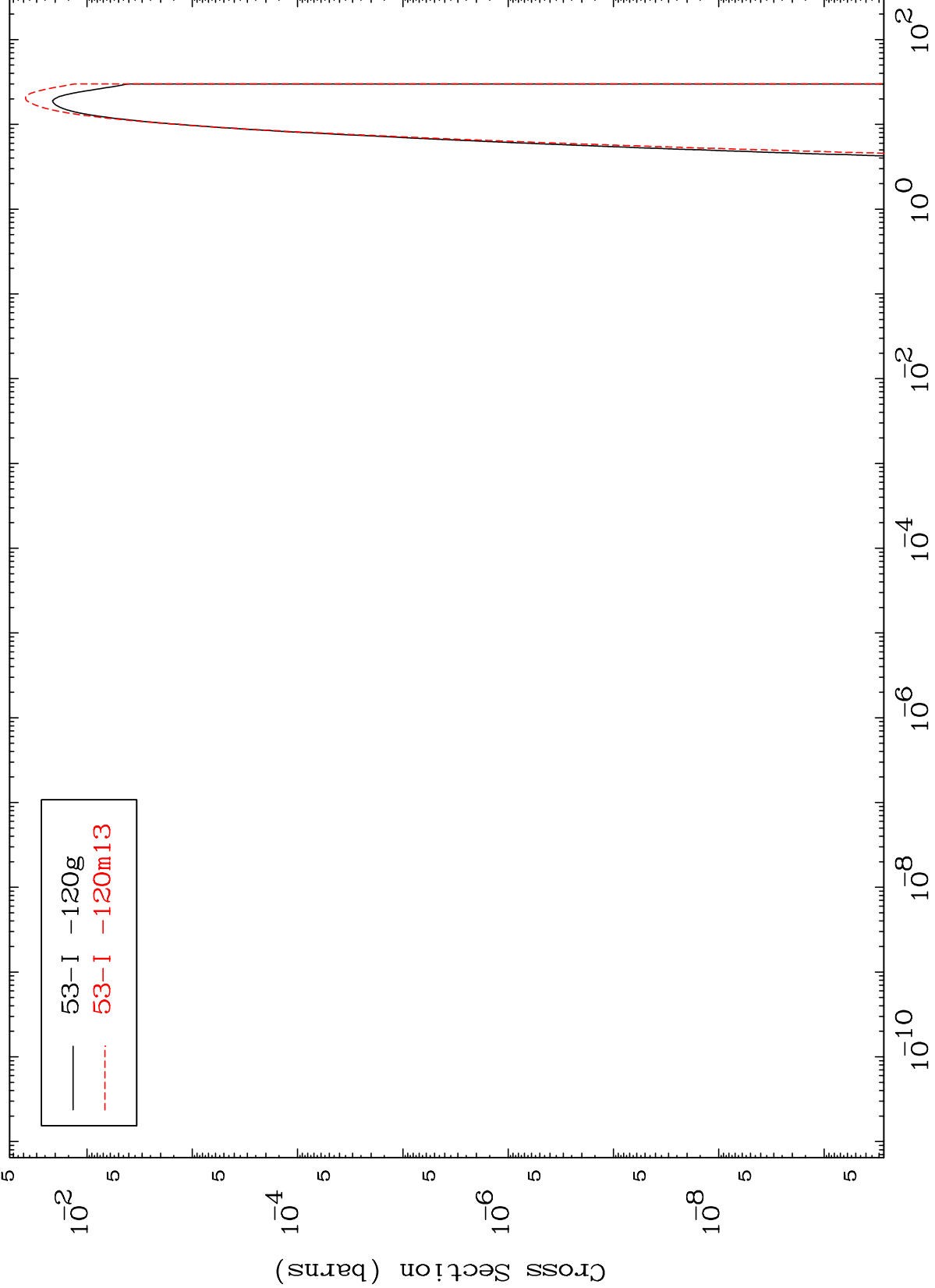


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(n,2p)

55-Cs-121

Radionuclide Production Cross Section

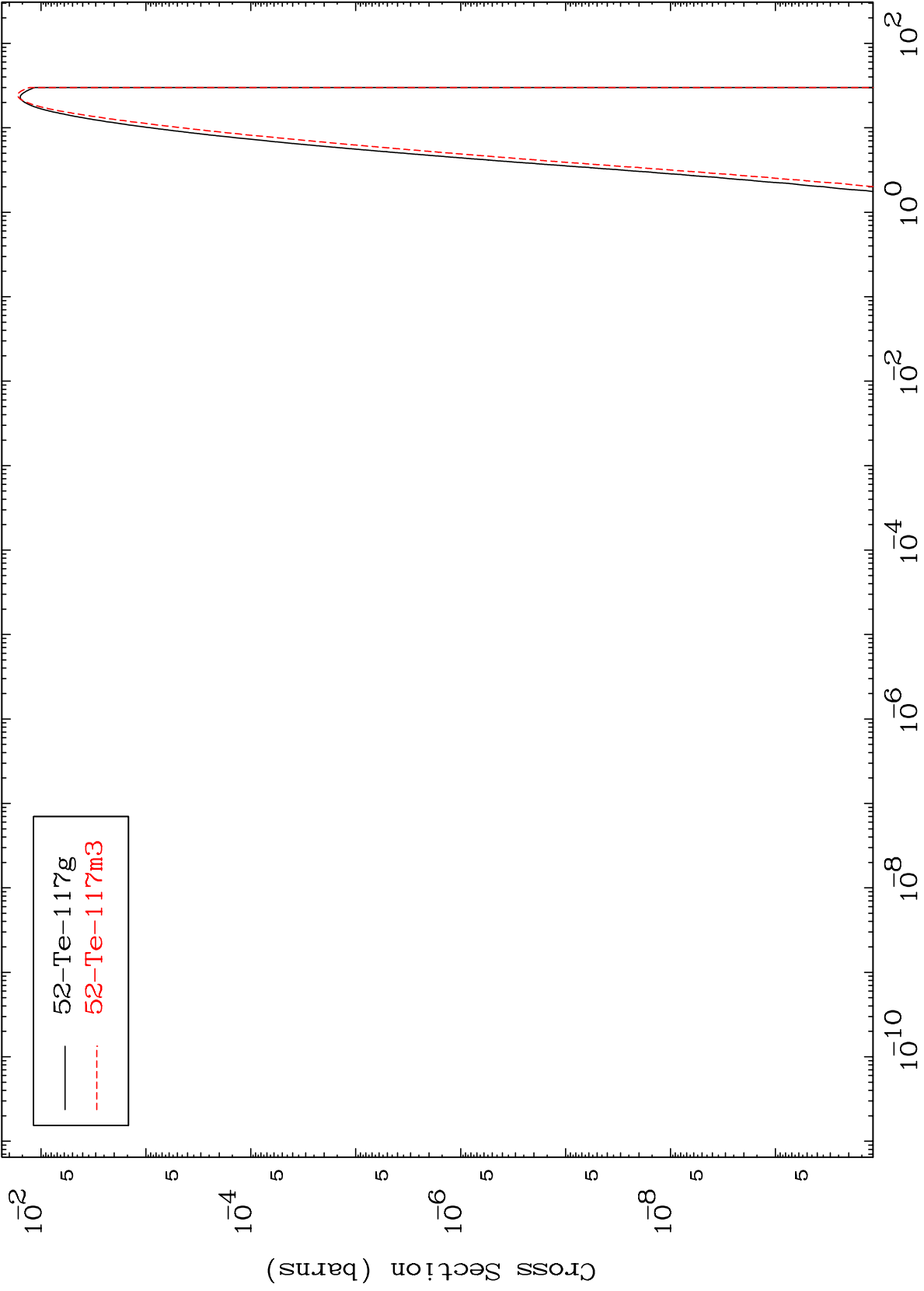


MAT 5490

(n,p) α

55-Cs-121

Radionuclide Production Cross Section

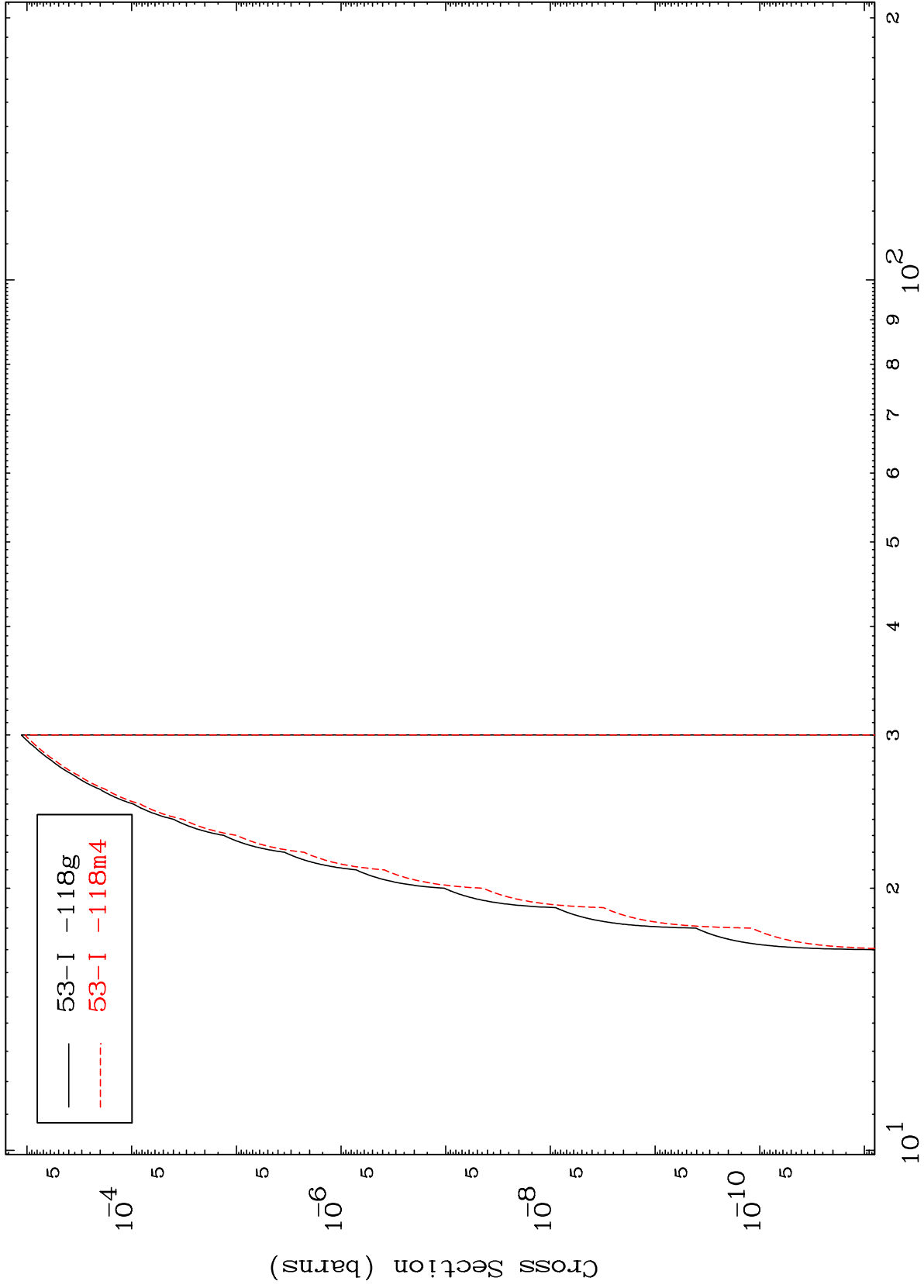


MAT 5490

(n,p) t

55-Cs-121

Radionuclide Production Cross Section



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Incident Energy (MeV)

55-Cs-121