

Program EVALPLOT  
(Version 2018-1)

by

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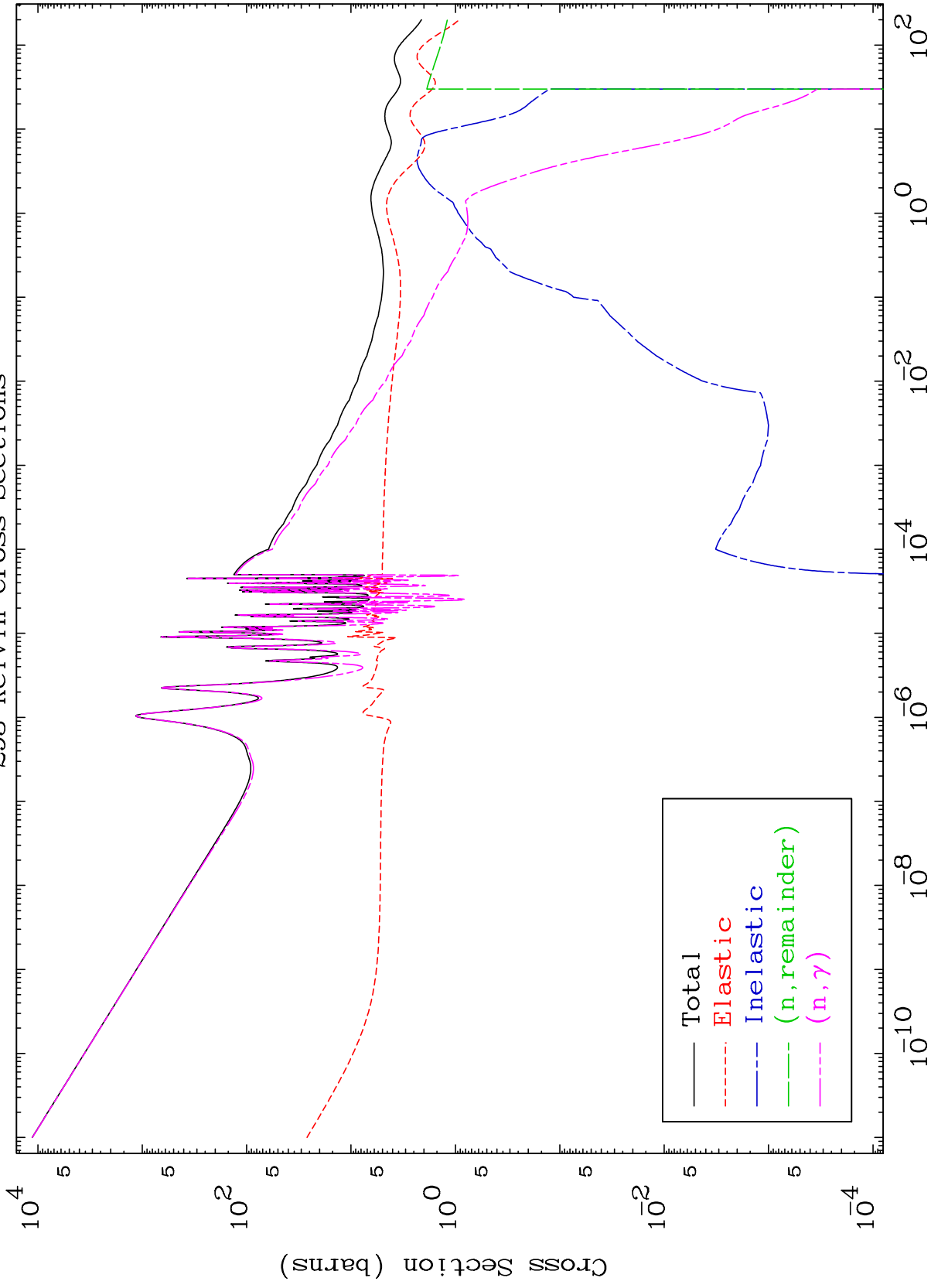
Press Mouse Button to Start

MAT 5517

Major

293 Kelvin Cross Sections

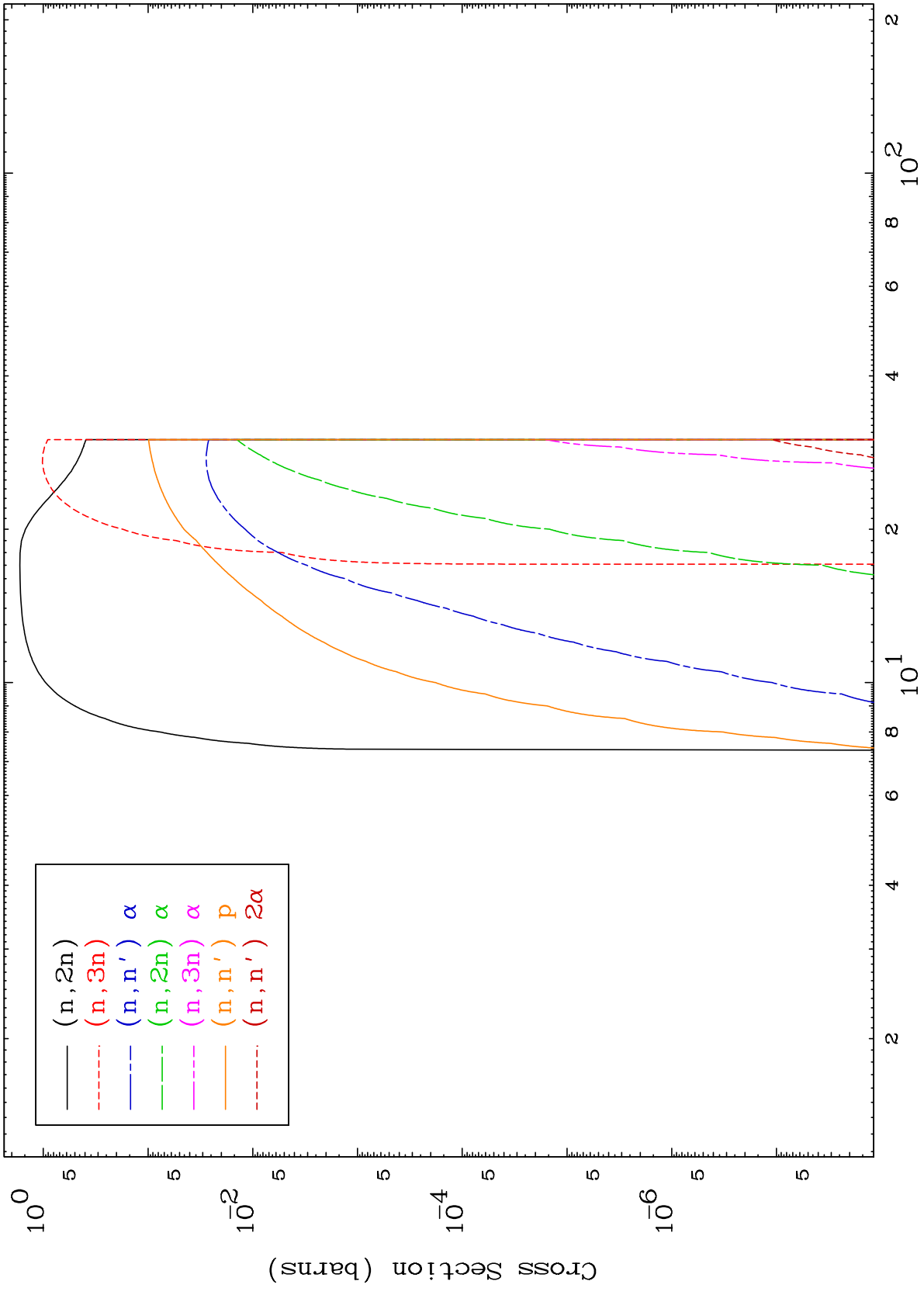
55-Cs-130



MAT 5517

### Neutron Production 293 Kelvin Cross Sections

55-Cs-130



2

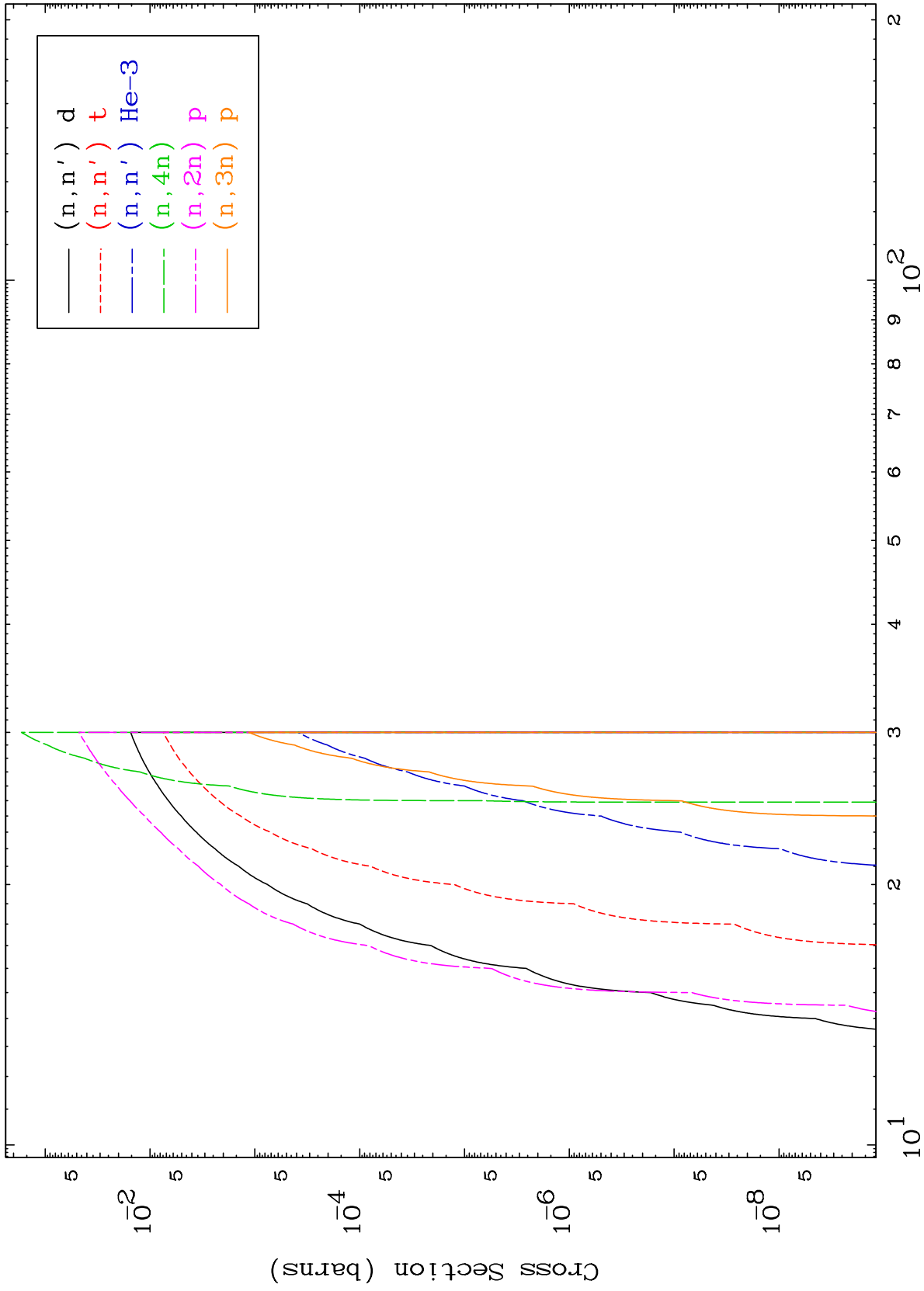
Incident Energy (MeV)

55-Cs-130

MAT 5517

Neutron Production  
293 Kelvin Cross Sections

55-Cs-130



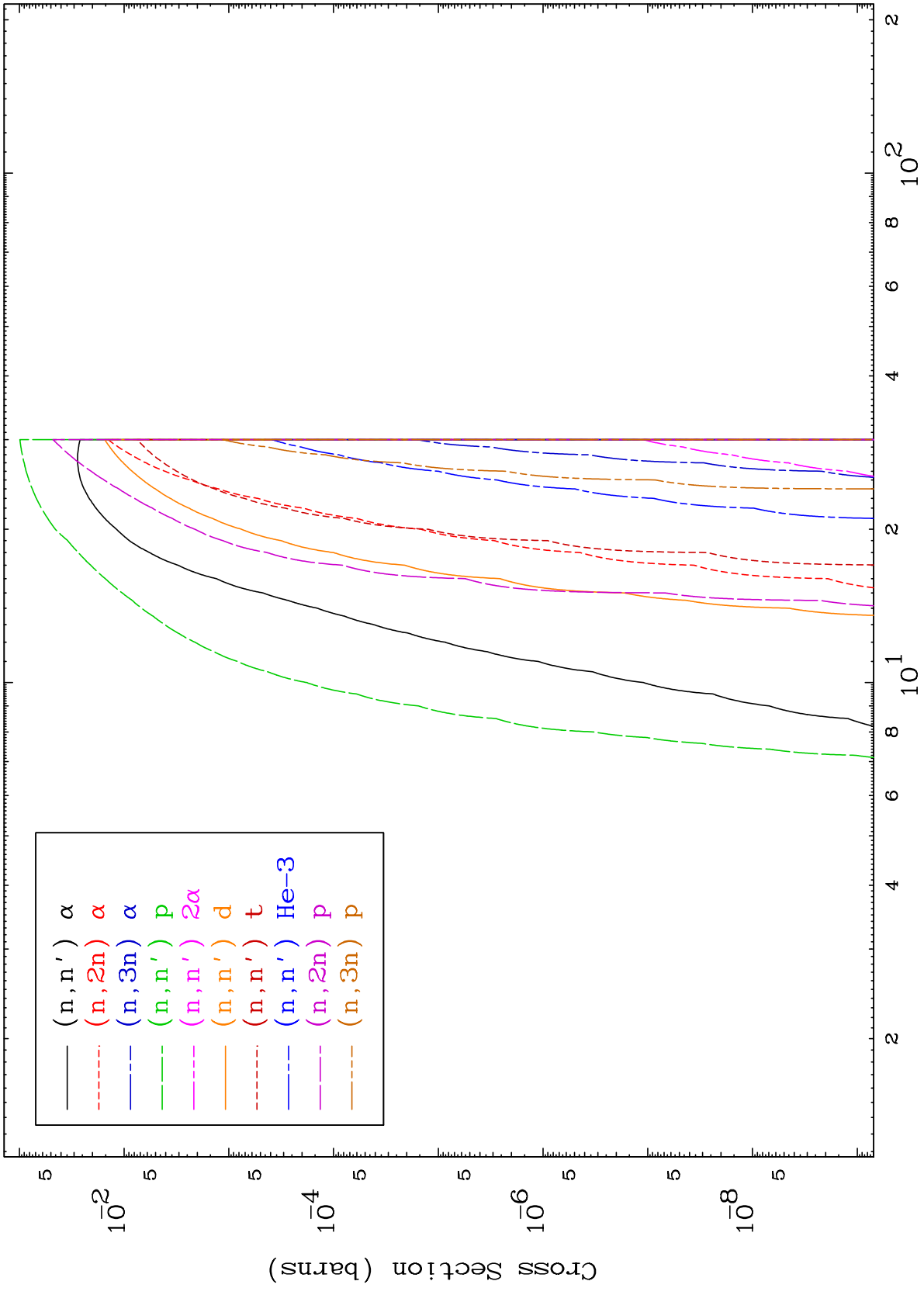
Incident Energy (MeV)

55-Cs-130

MAT 5517

Charged Particle  
293 Kelvin Cross Sections

55-Cs-130



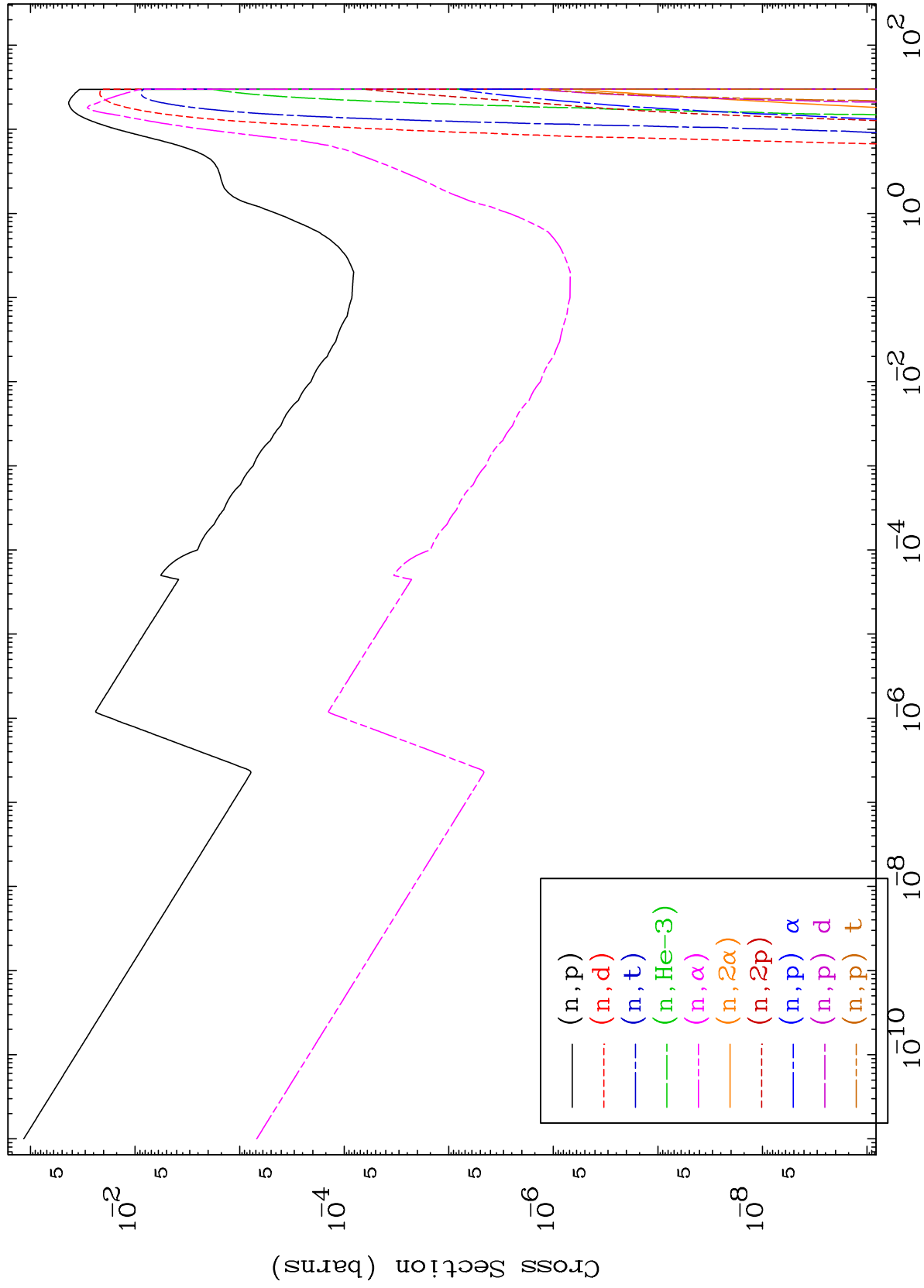
Incident Energy (MeV)

55-Cs-130

MAT 5517

Charged Particle  
293 Kelvin Cross Sections

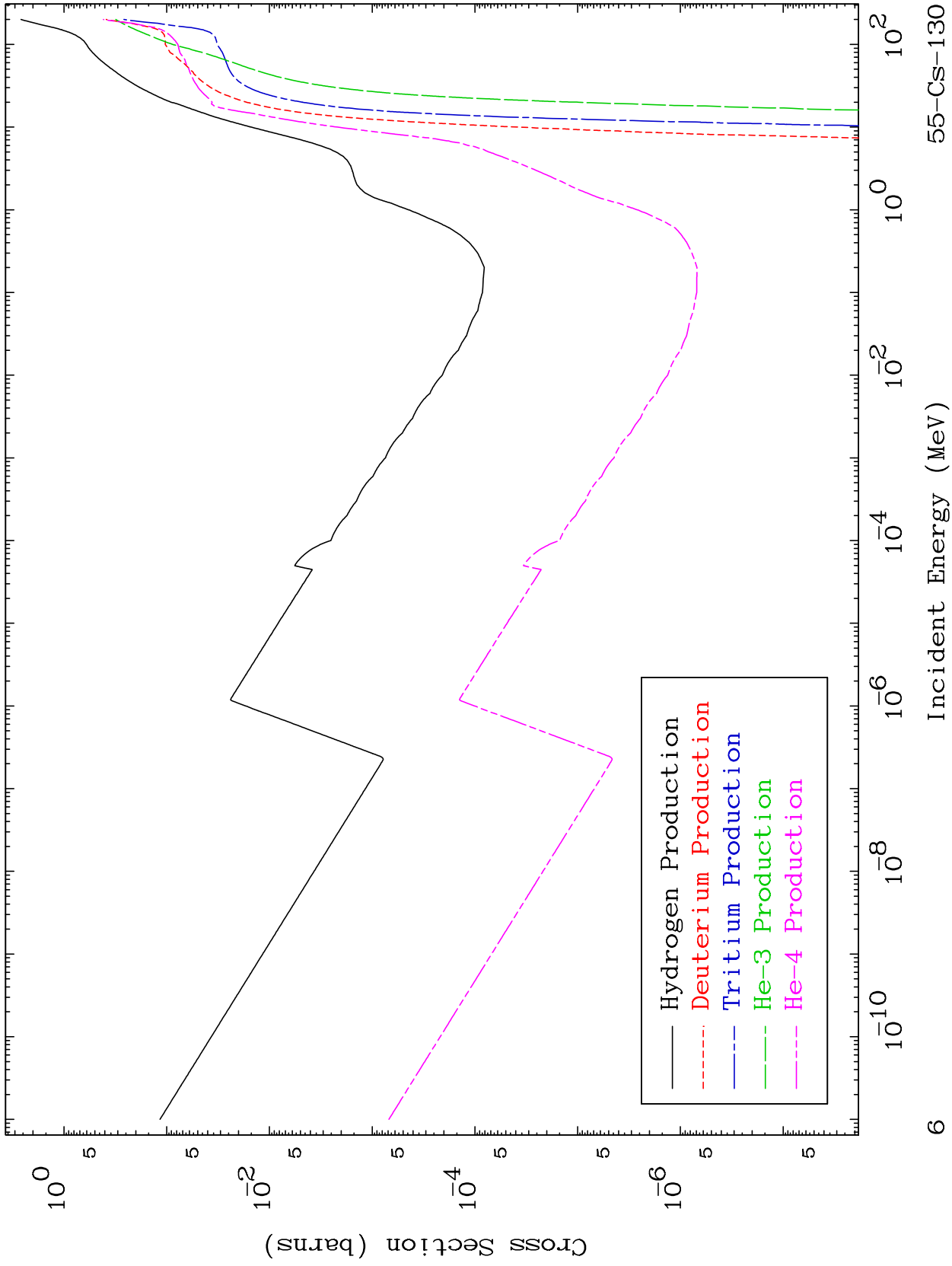
55-Cs-130



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Particle Production  
293 Kelvin Cross Sections

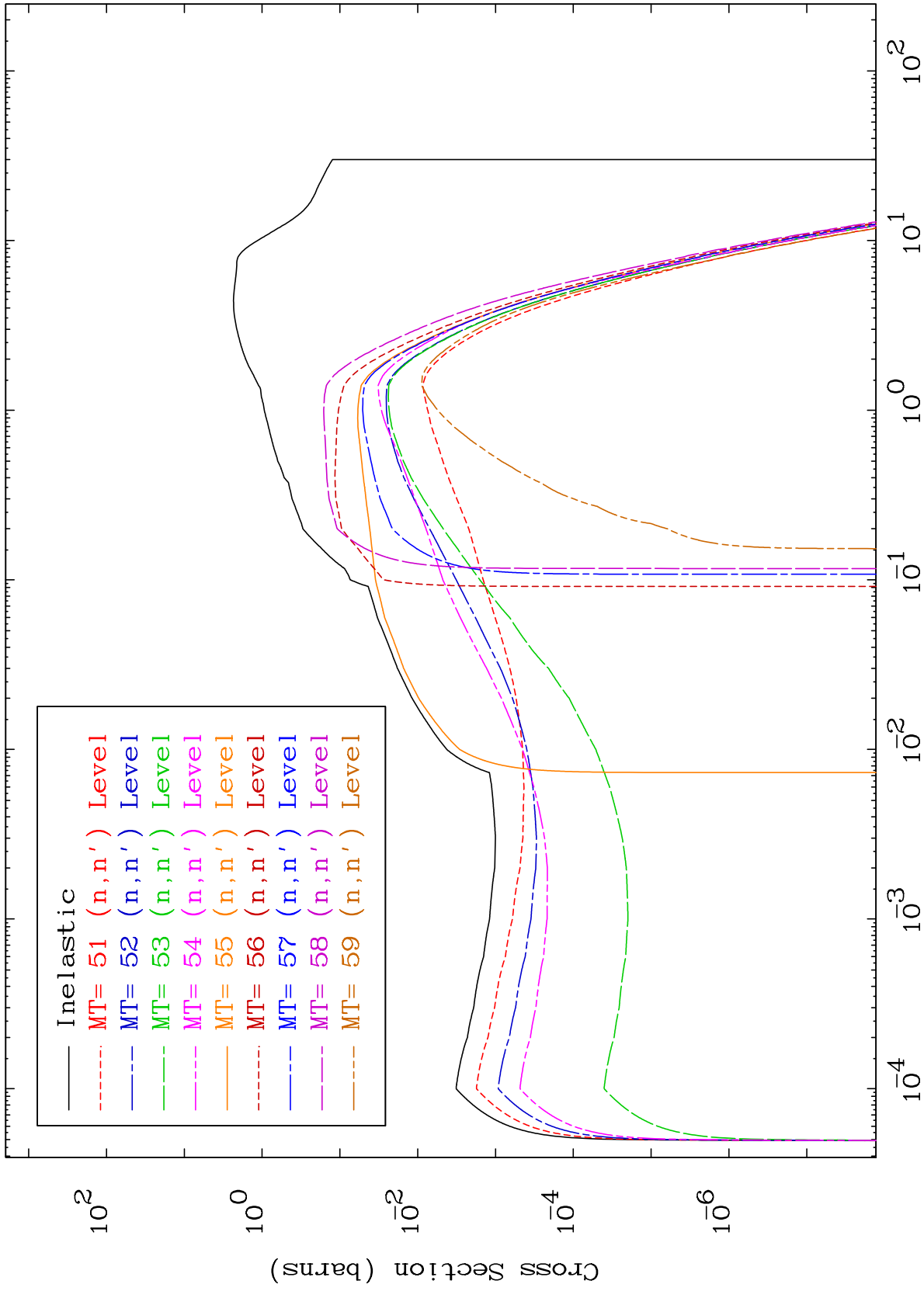
55-Cs-130



MAT 5517

293 Kelvin Cross Sections

55-Cs-130



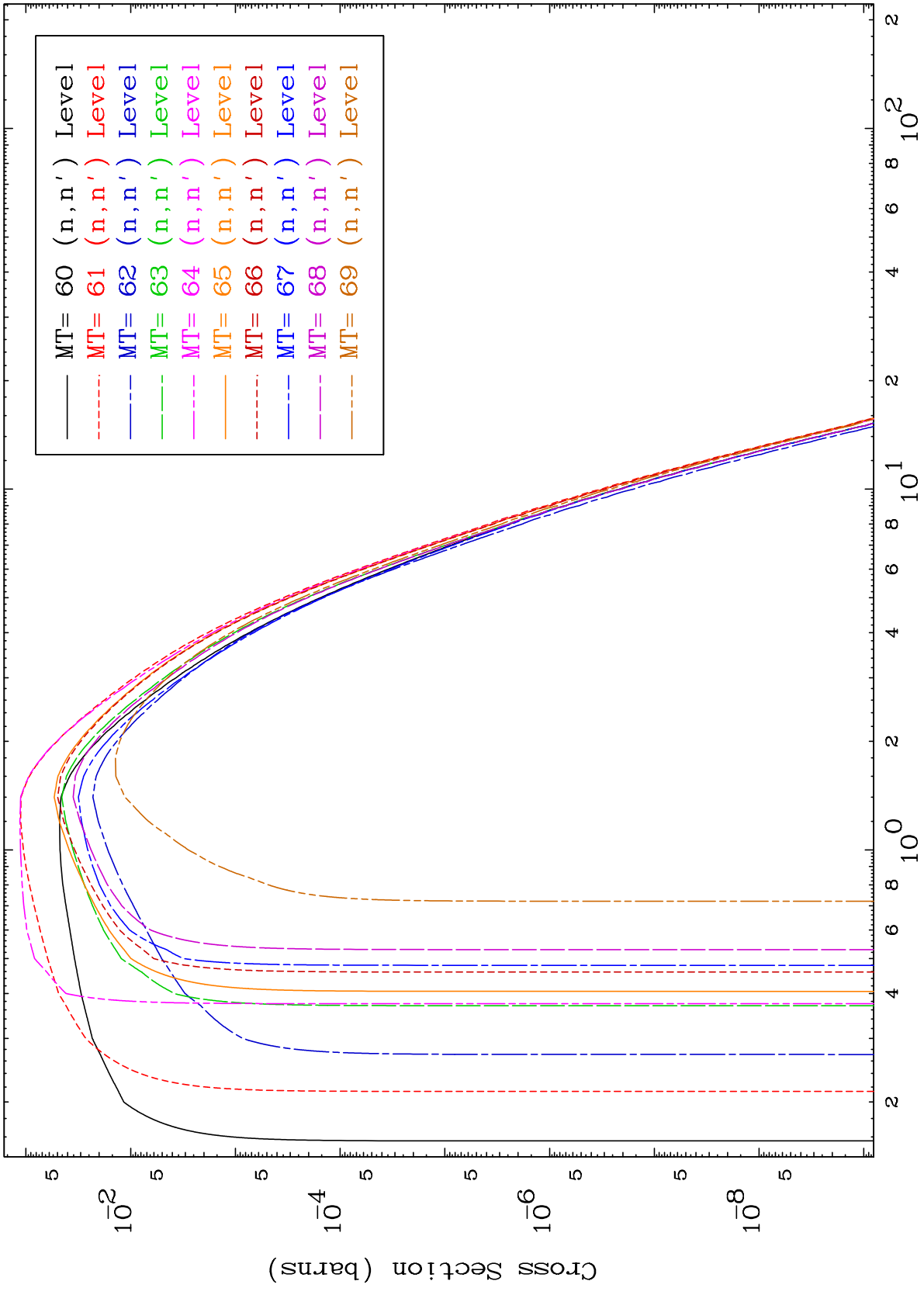


MAT 5517

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

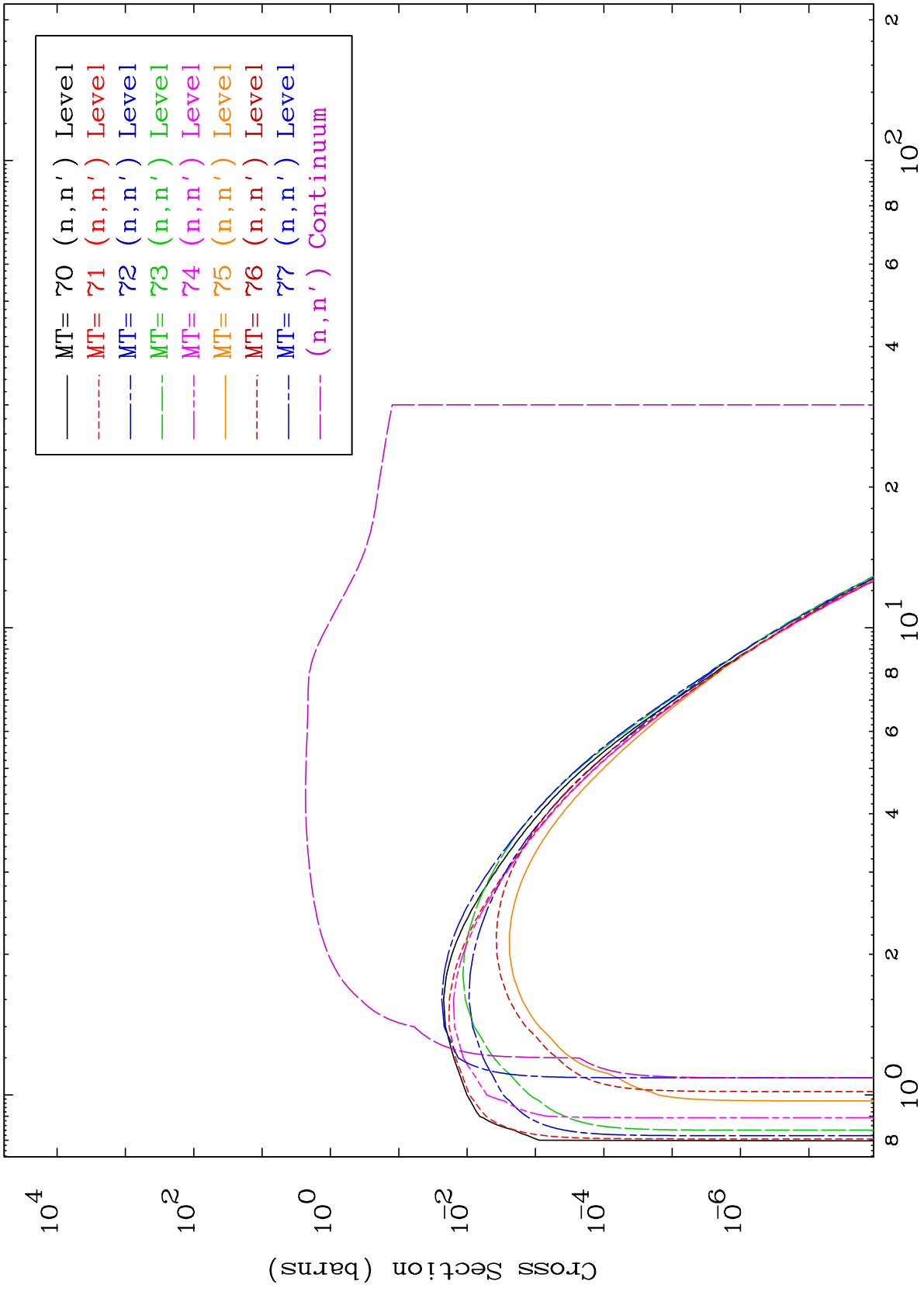
55-Cs-130

MAT 5517

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



9

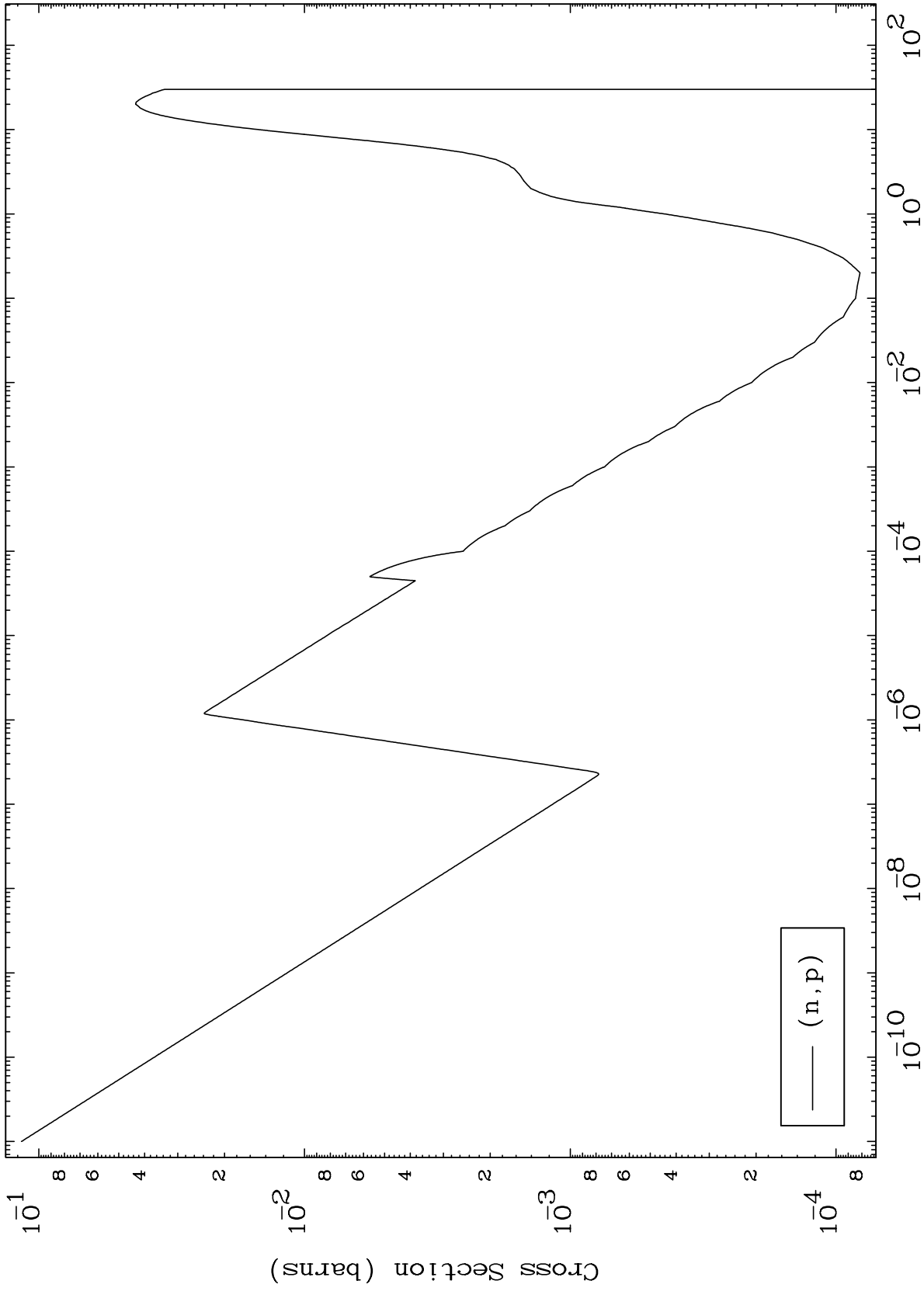
Incident Energy (MeV)

55-Cs-130

MAT 5517

(n,p) Levels  
293 Kelvin Cross Sections

55-Cs-130



10

Incident Energy (MeV)

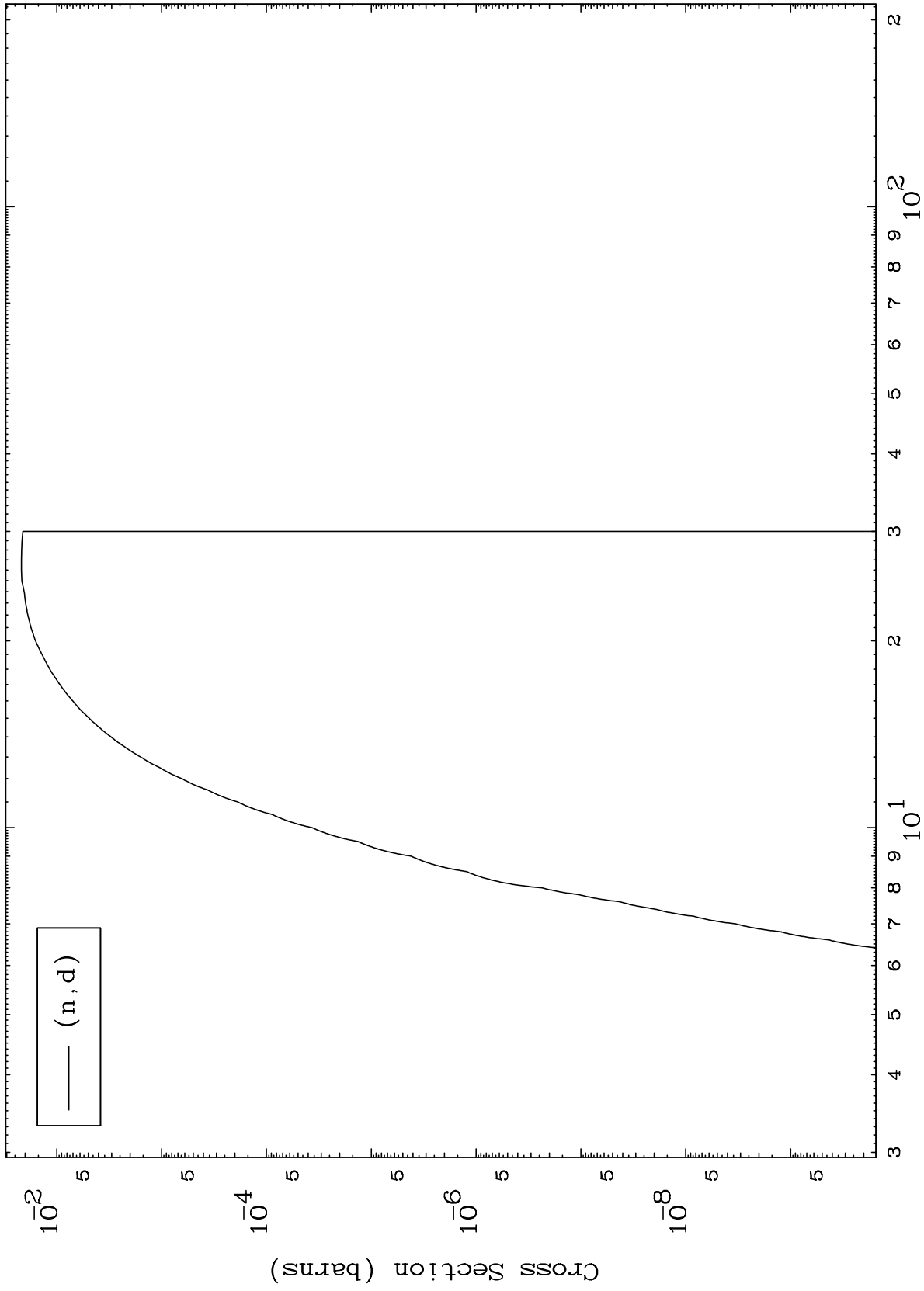
55-Cs-130

— (n, p)

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(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-130



11

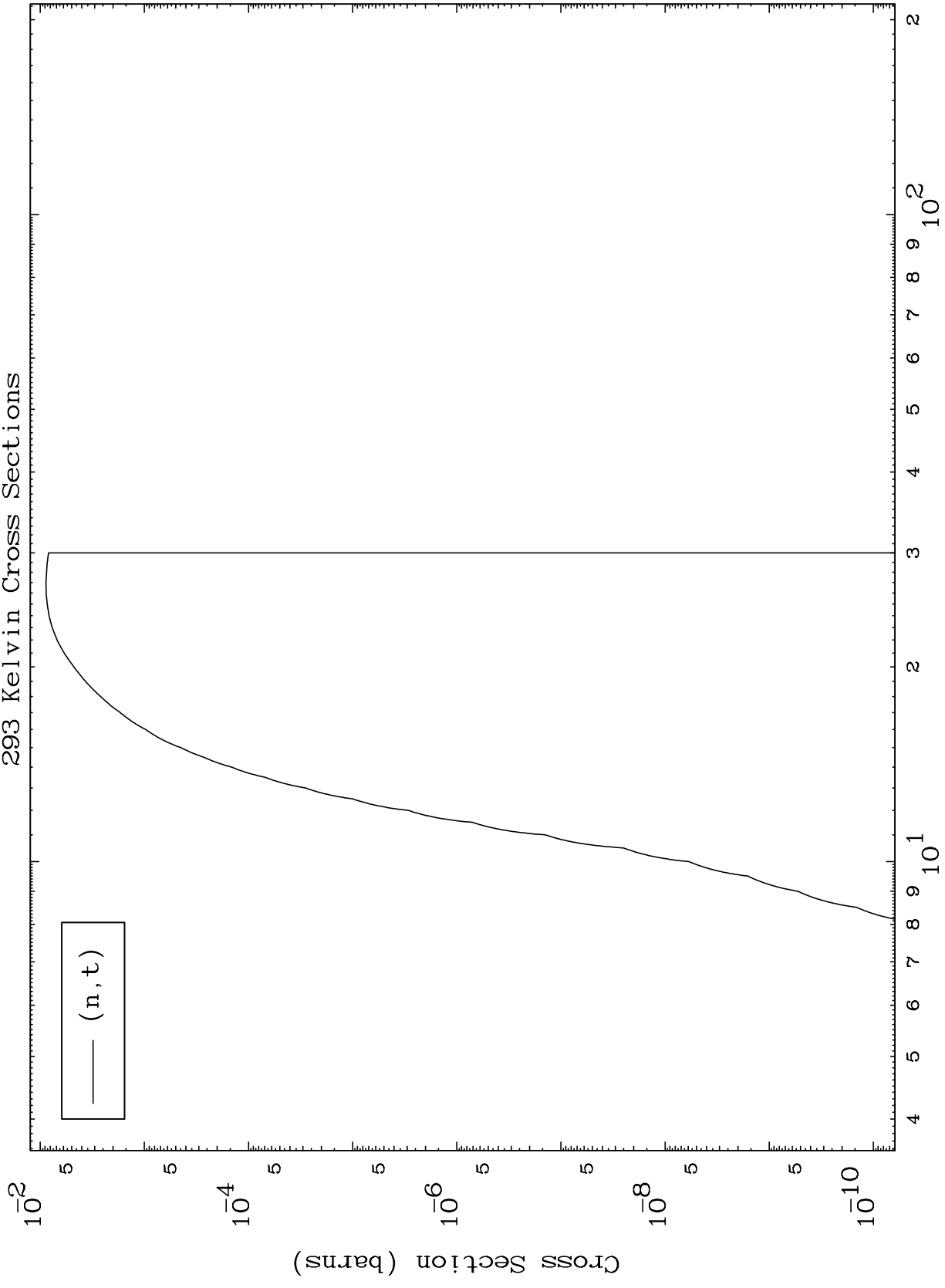
Incident Energy (MeV)

55-Cs-130

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(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-130



12

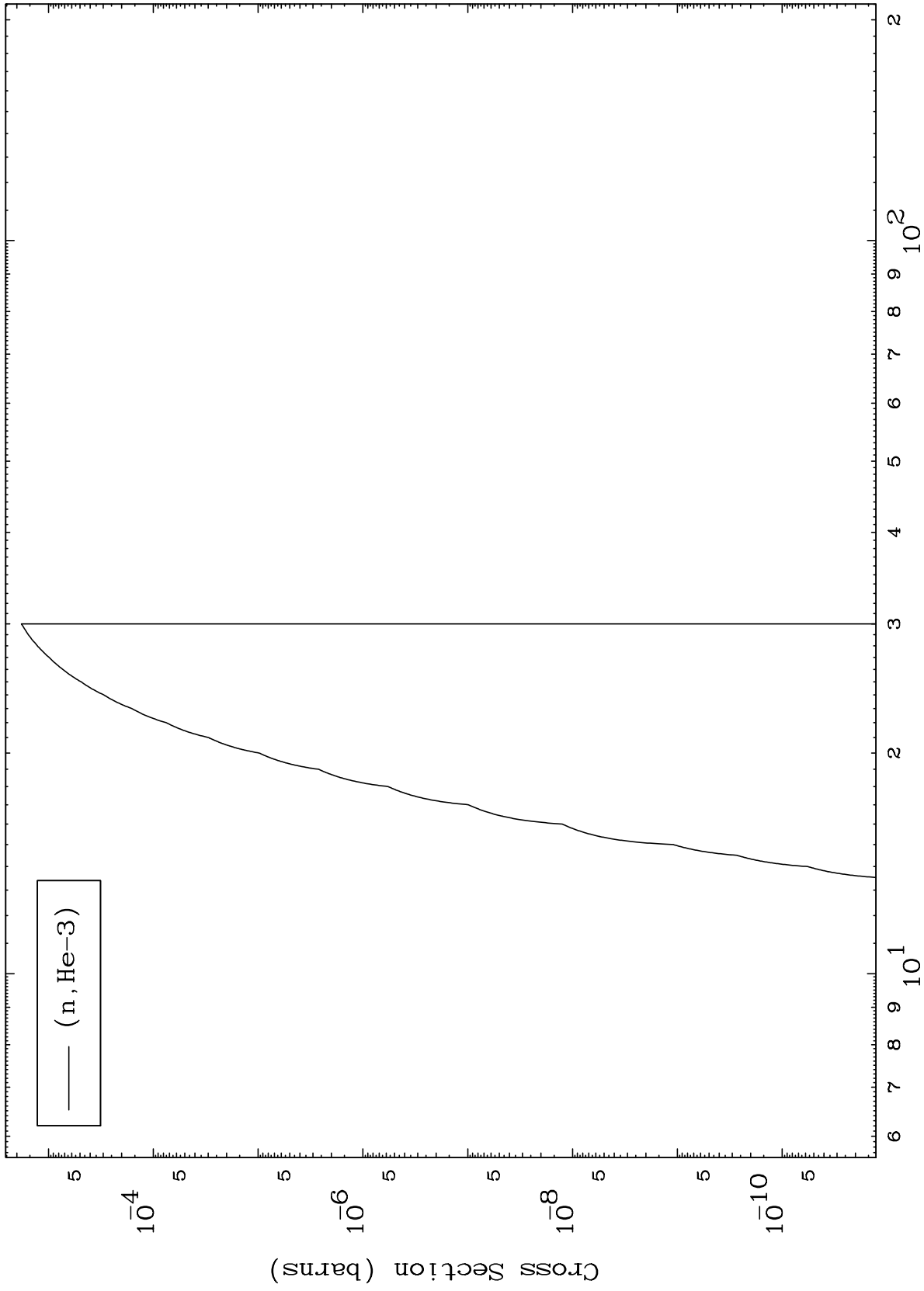
Incident Energy (MeV)

55-Cs-130

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(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-130



13

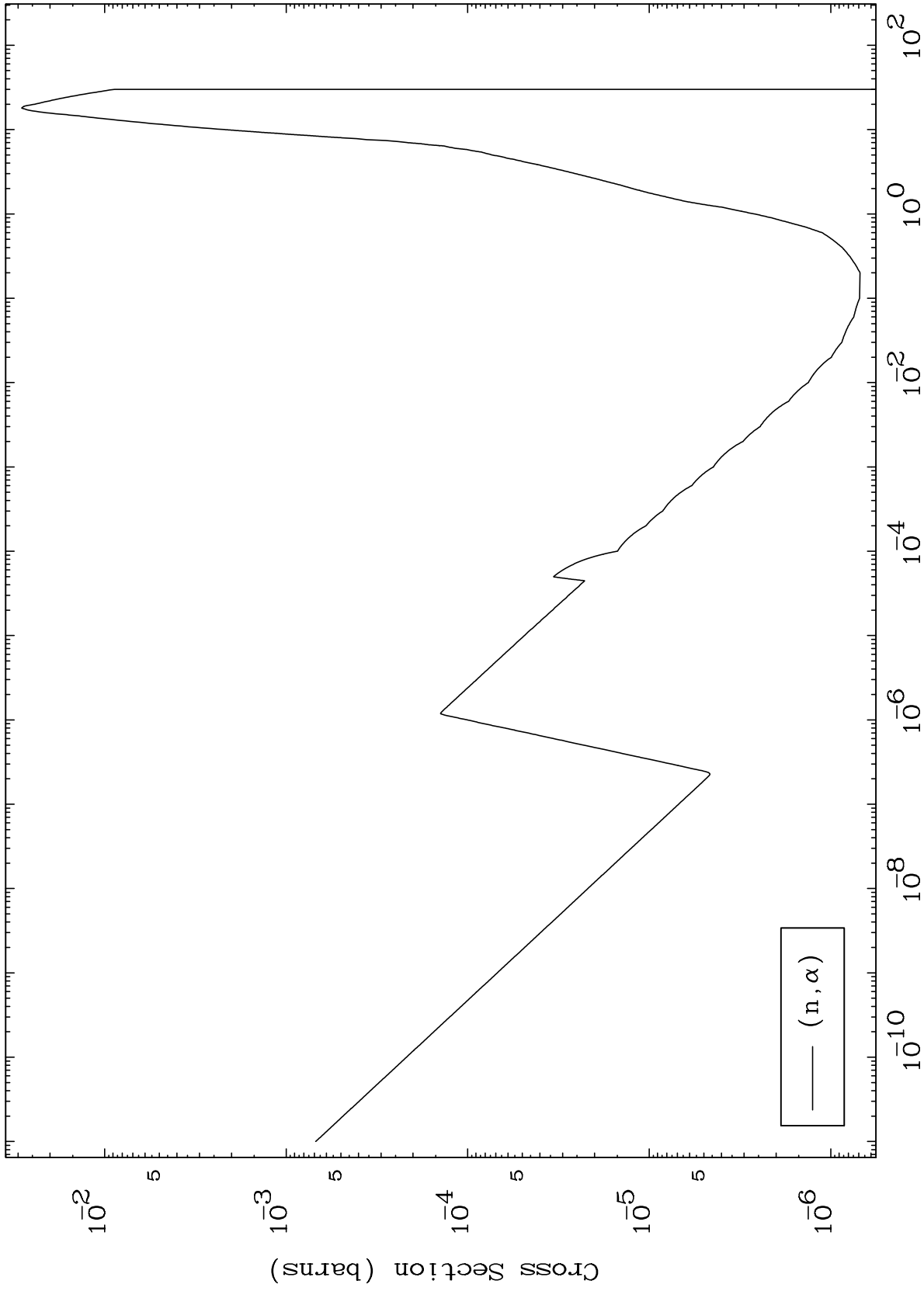
Incident Energy (MeV)

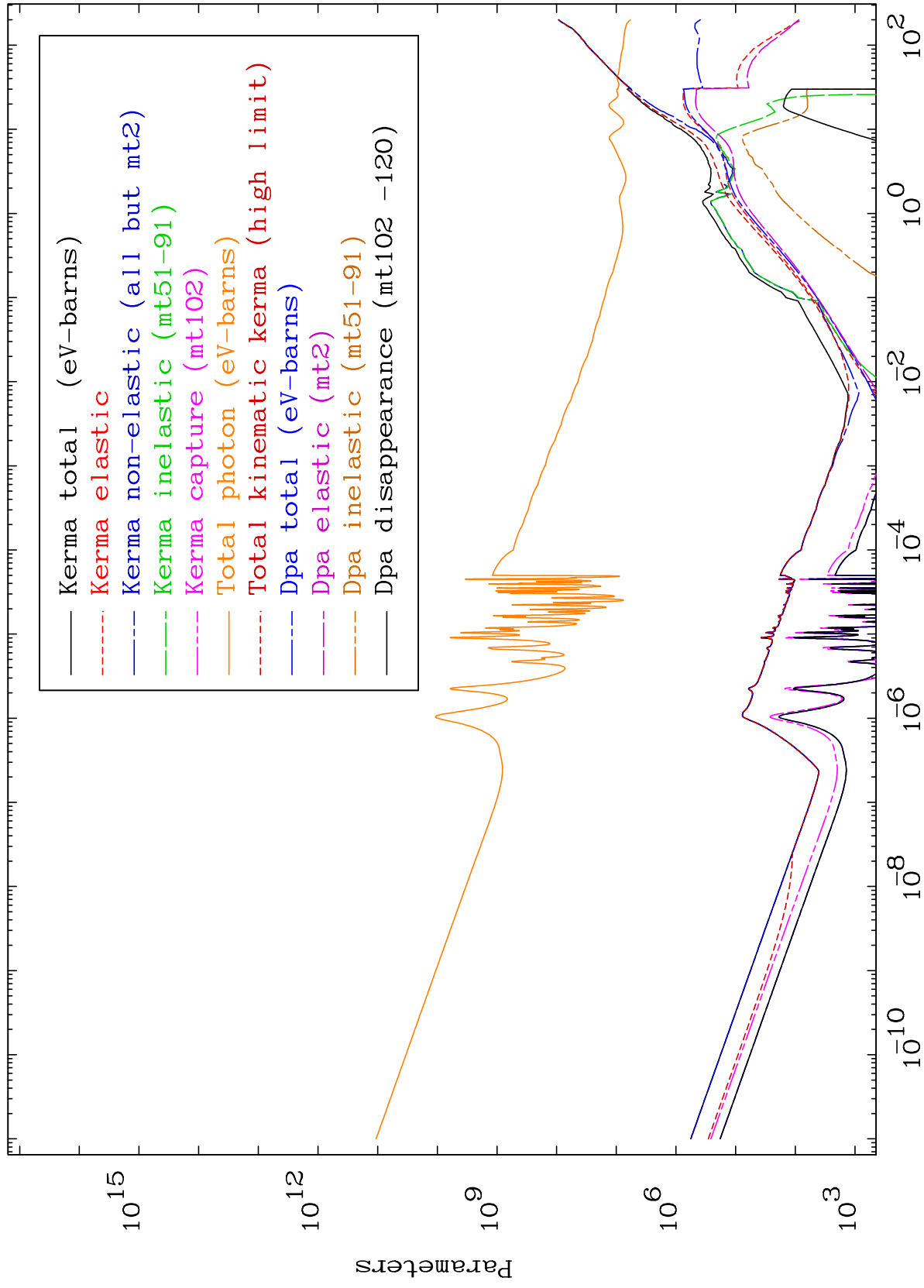
55-Cs-130

MAT 5517

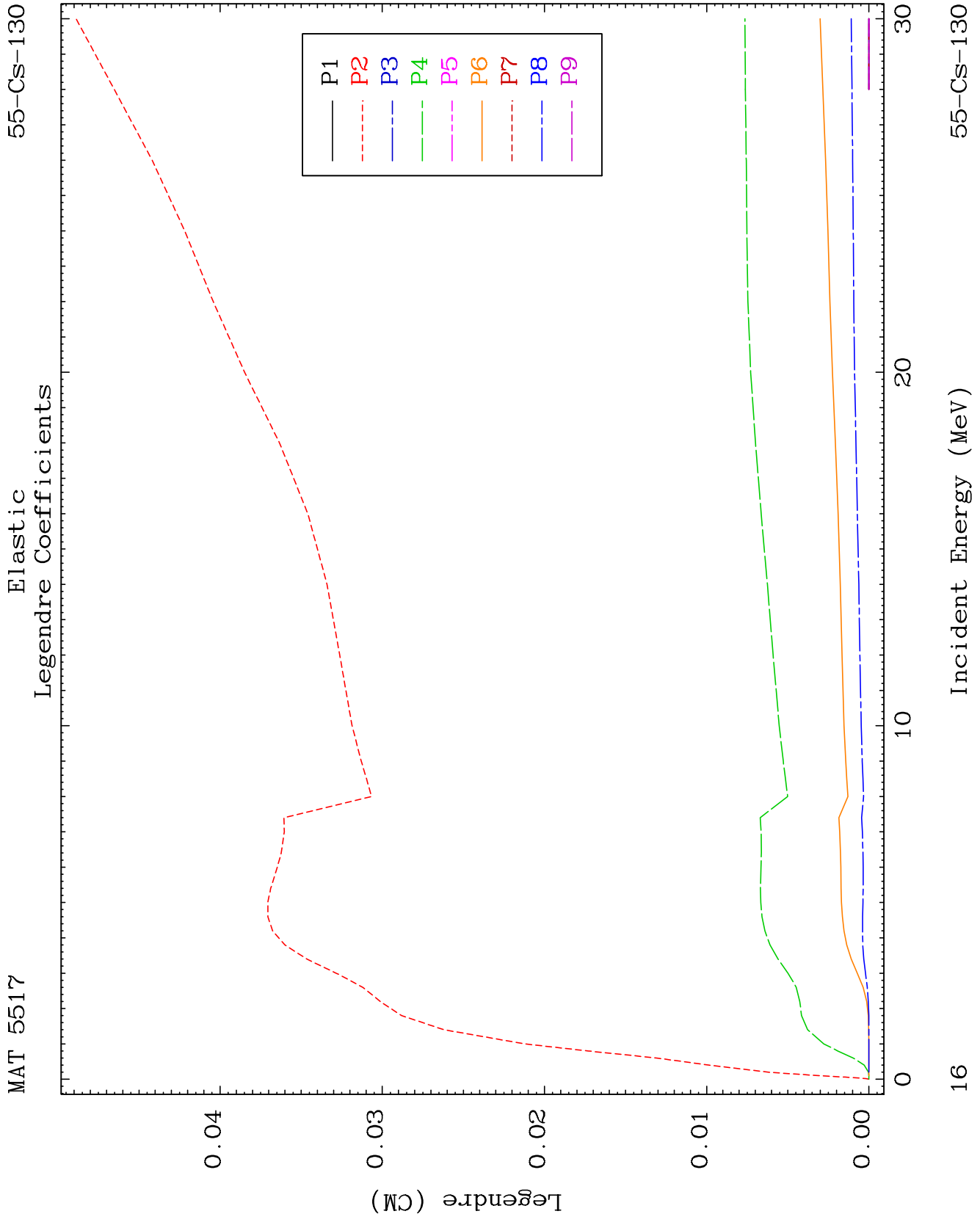
(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-130





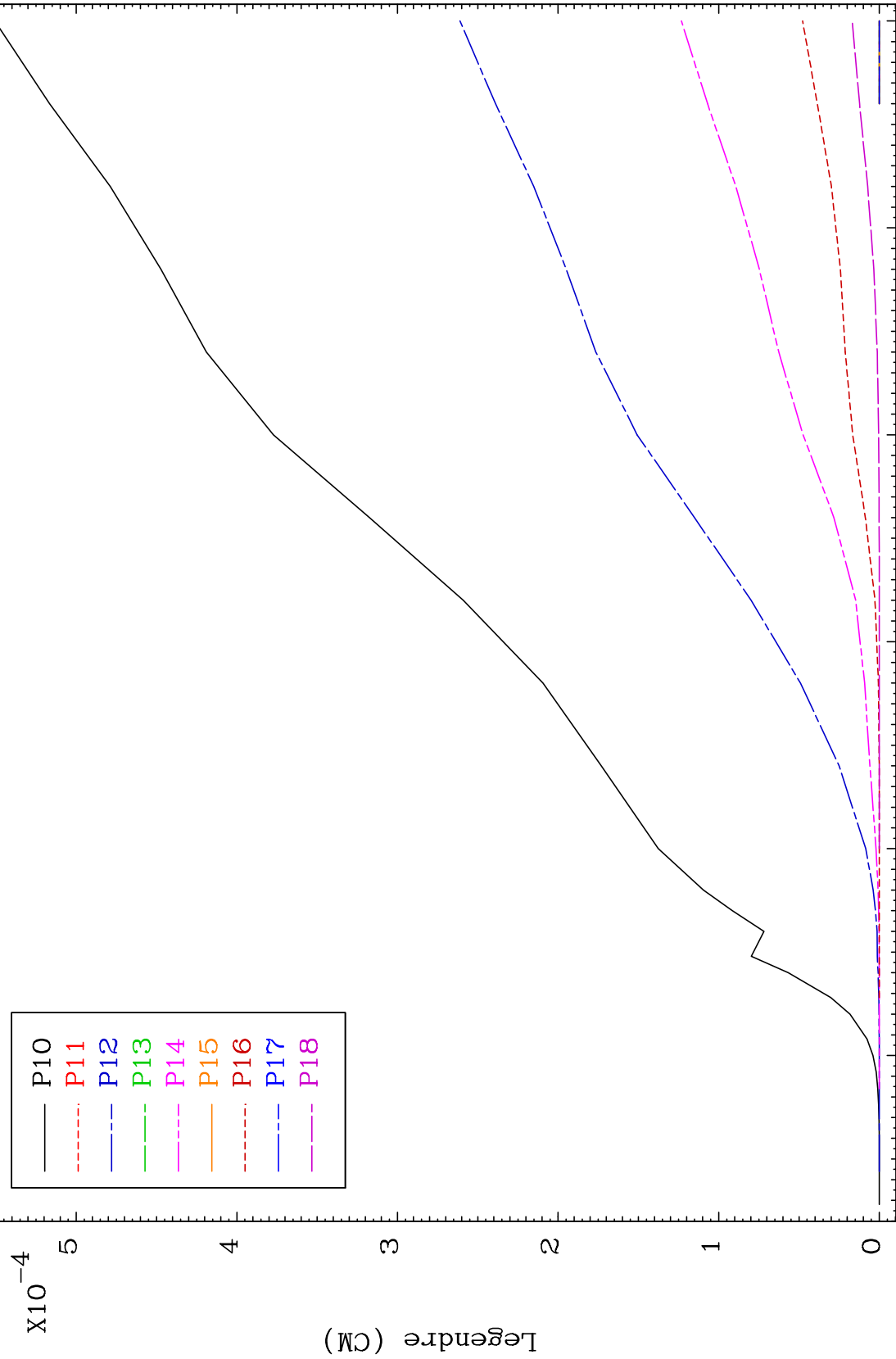




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Elastic Legendre Coefficients

55-Cs-130



17

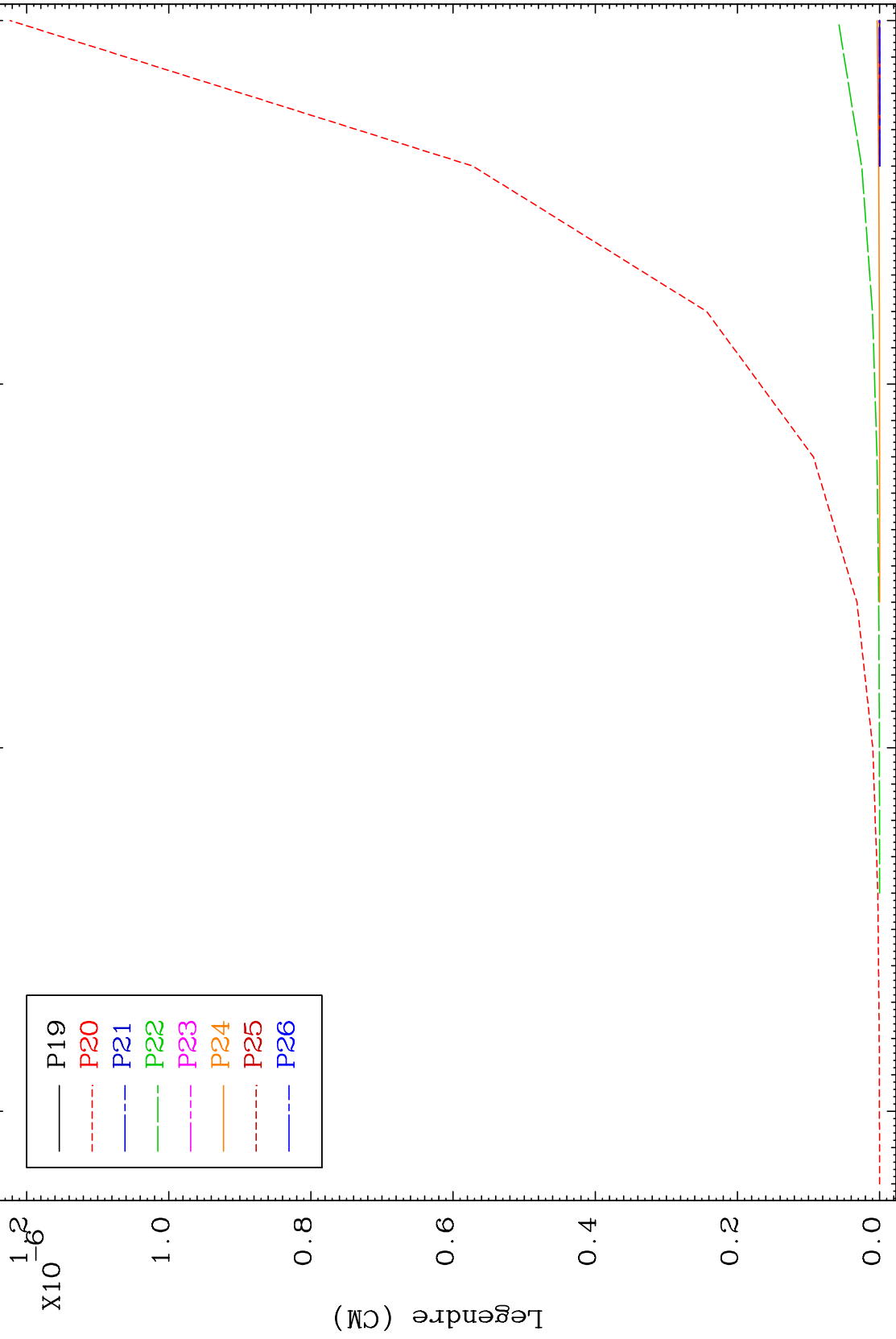
Incident Energy (MeV)

55-Cs-130

MAT 5517

Elastic Legendre Coefficients

55-Cs-130



18

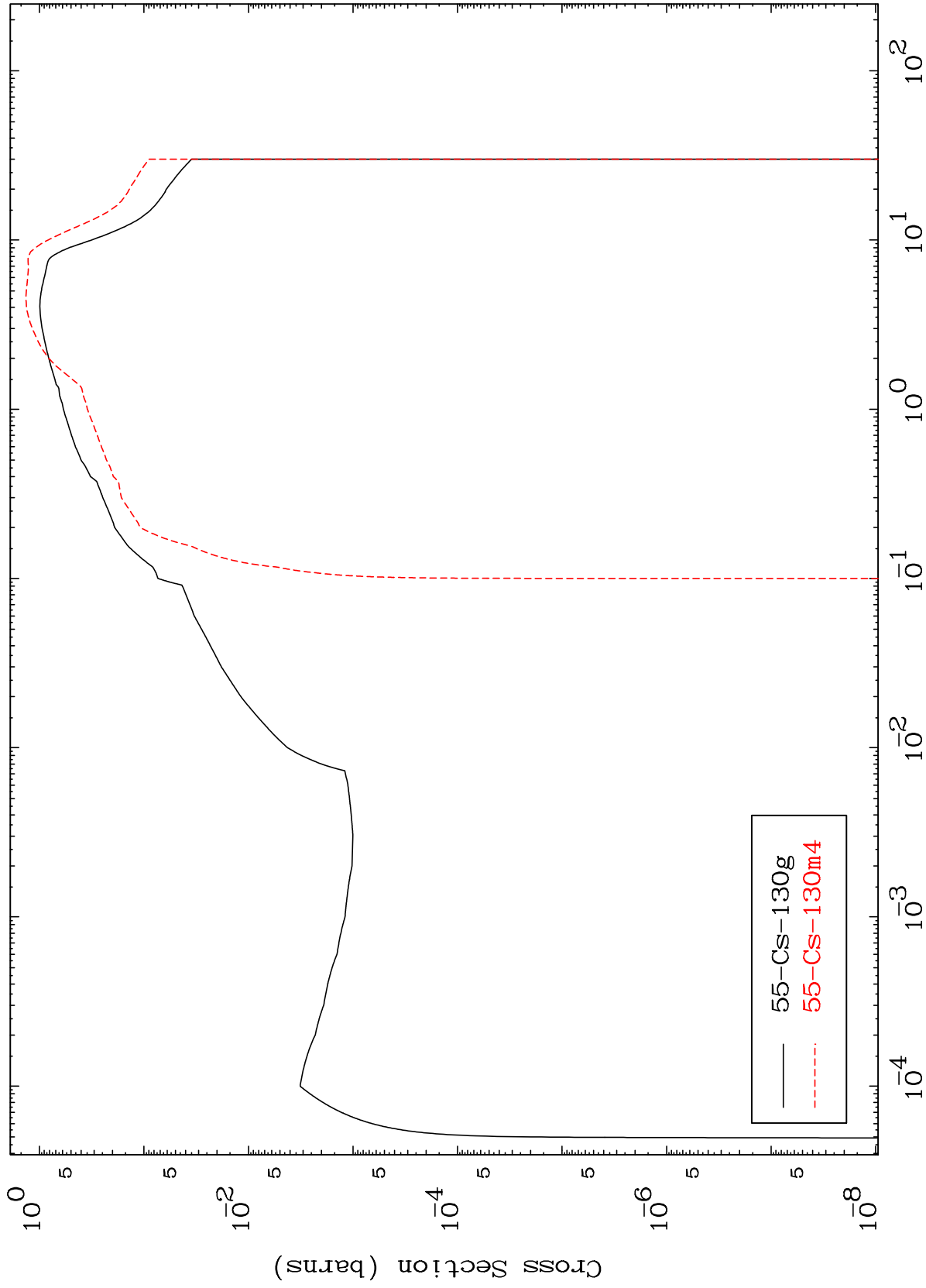
Incident Energy (MeV)

55-Cs-130

MAT 5517

55-Cs-130

Inelastic  
Radionuclide Production Cross Section

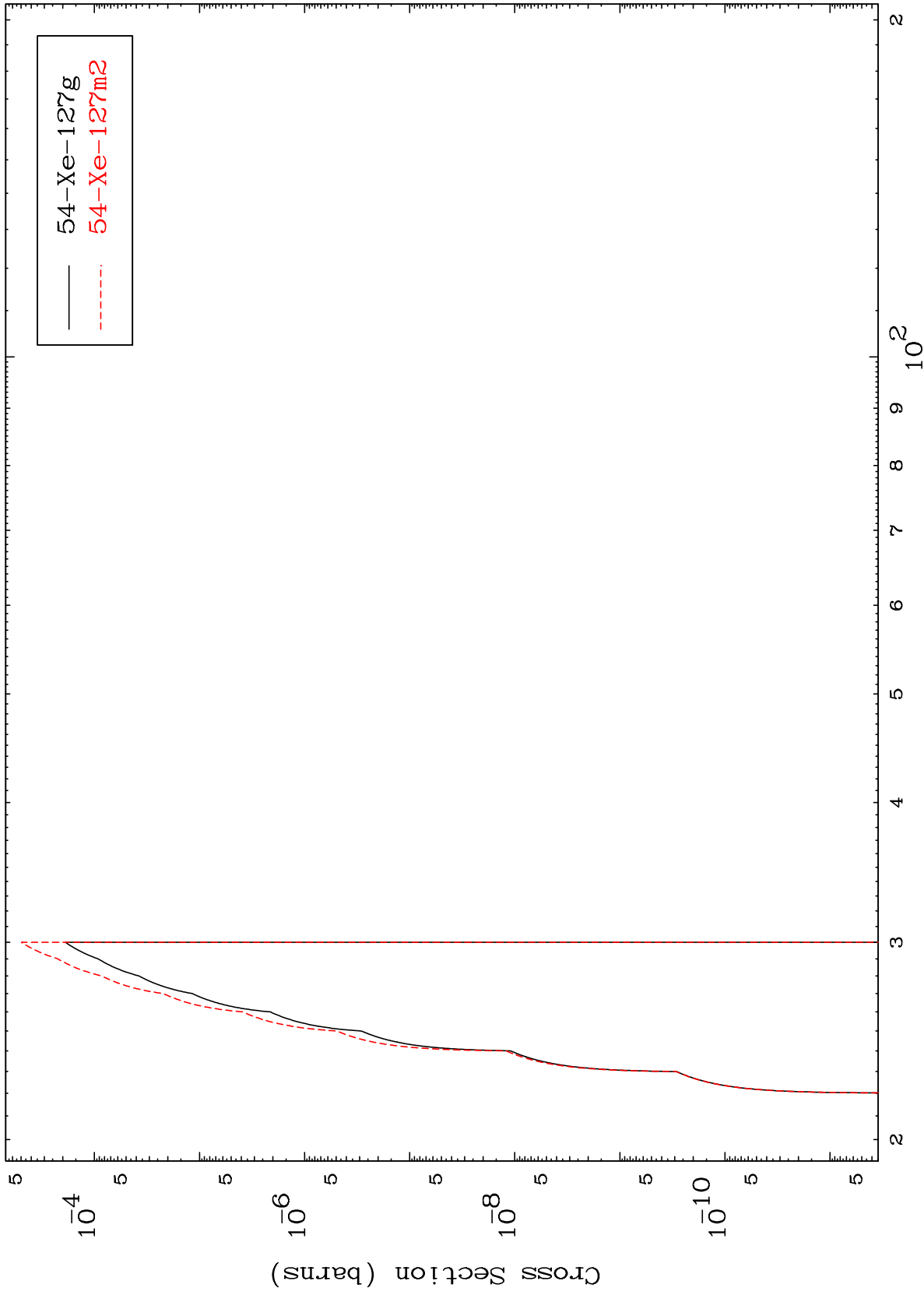


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(n,2n) d

55-Cs-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

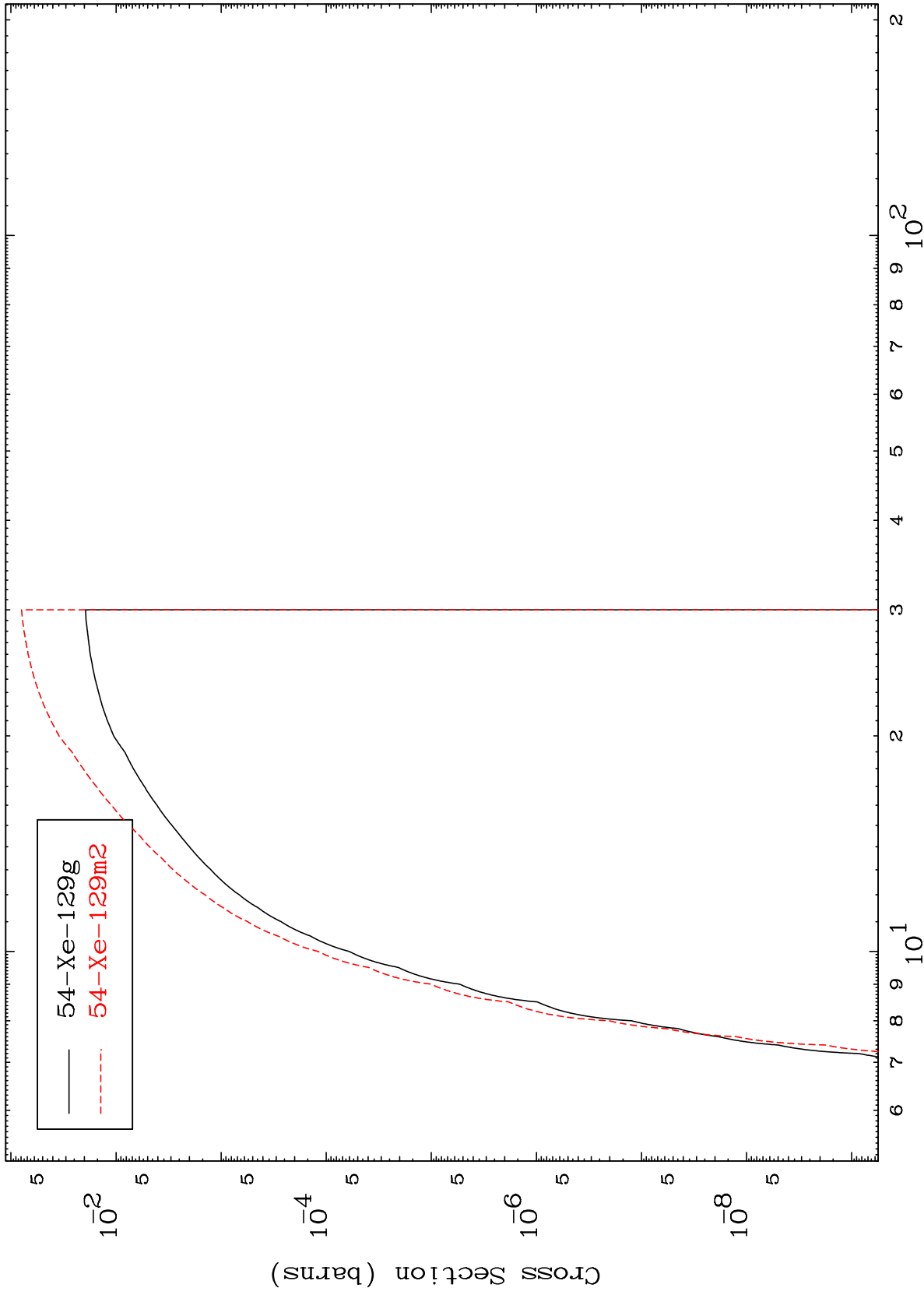
55-Cs-130

MAT 5517

(n,n') p

55-Cs-130

Radionuclide Production Cross Section



21

Incident Energy (MeV)

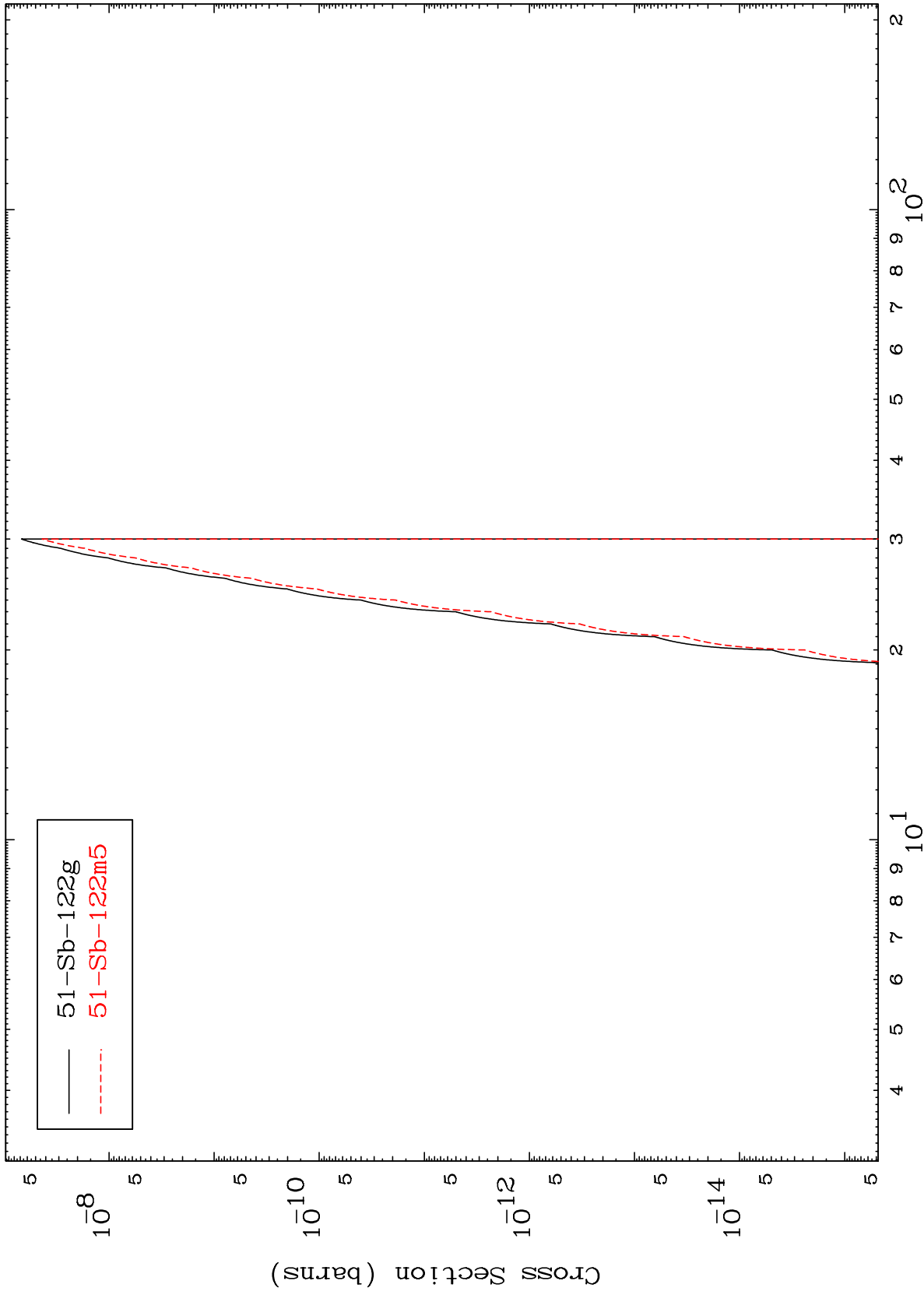
55-Cs-130

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(n,n') 2 $\alpha$

55-Cs-130

Radionuclide Production Cross Section



22

Incident Energy (MeV)

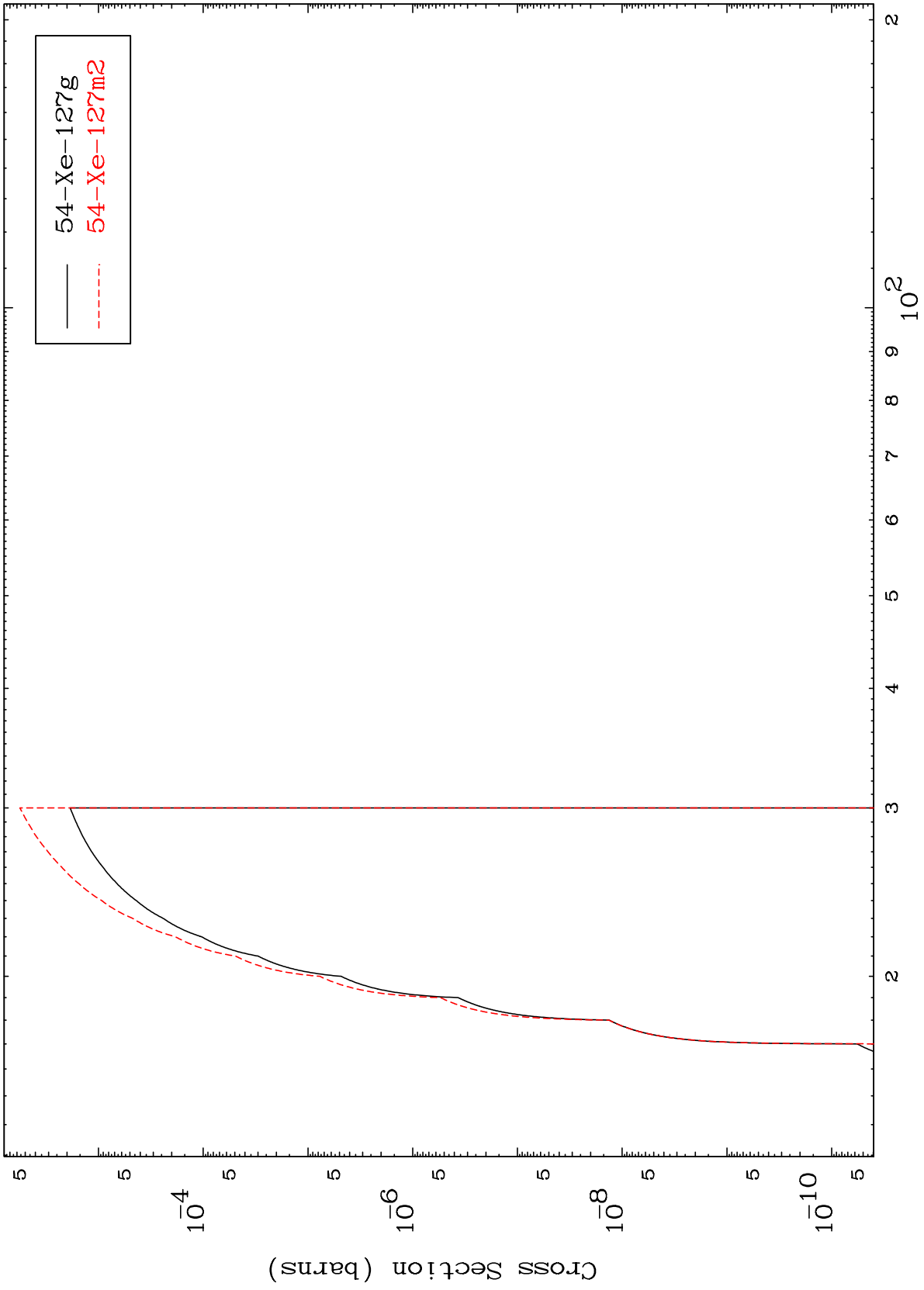
55-Cs-130

MAT 5517

(n,n') t

55-Cs-130

Radionuclide Production Cross Section



23

Incident Energy (MeV)

55-Cs-130

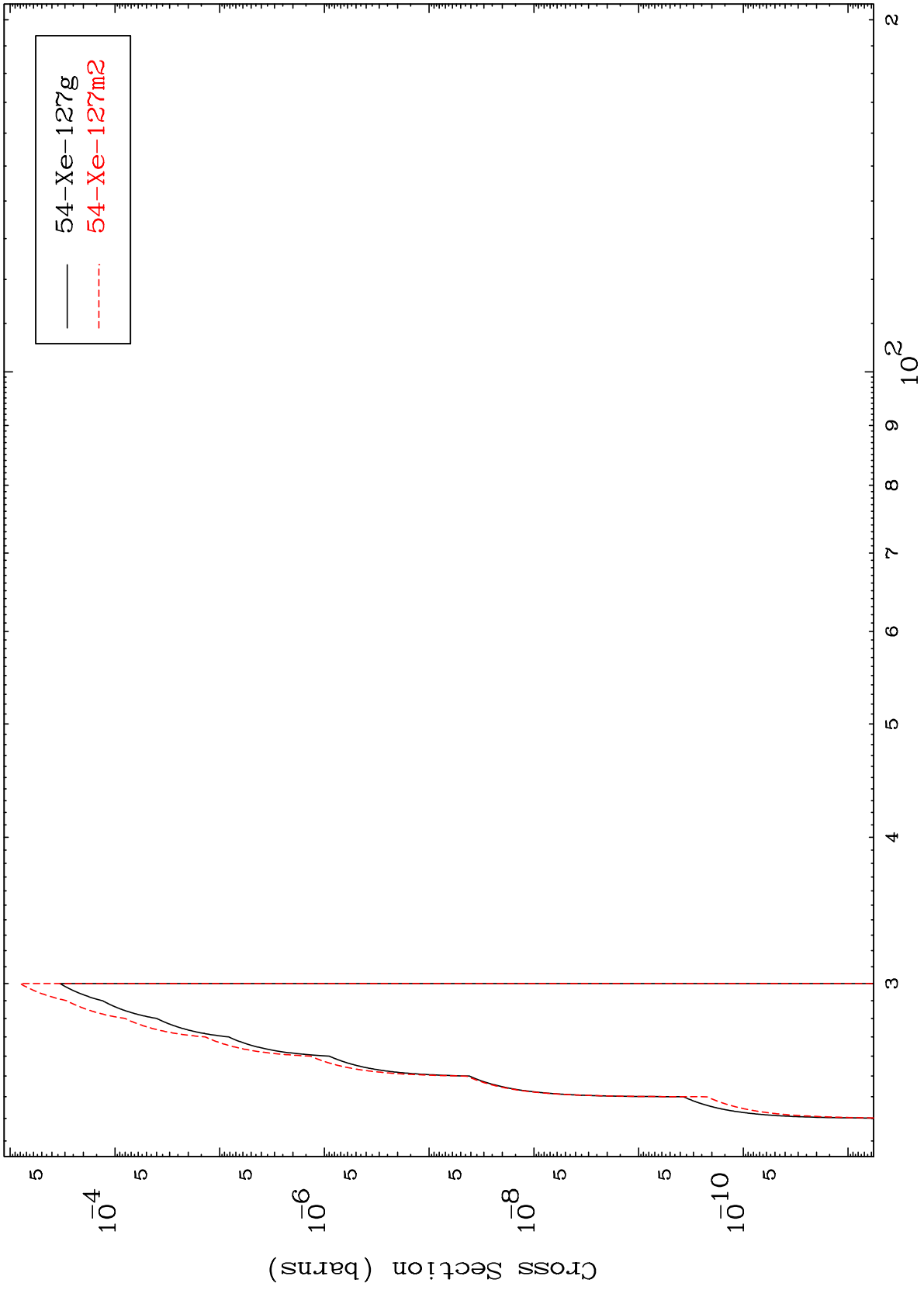


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(n,3n) p

55-Cs-130

Radionuclide Production Cross Section



24

Incident Energy (MeV)

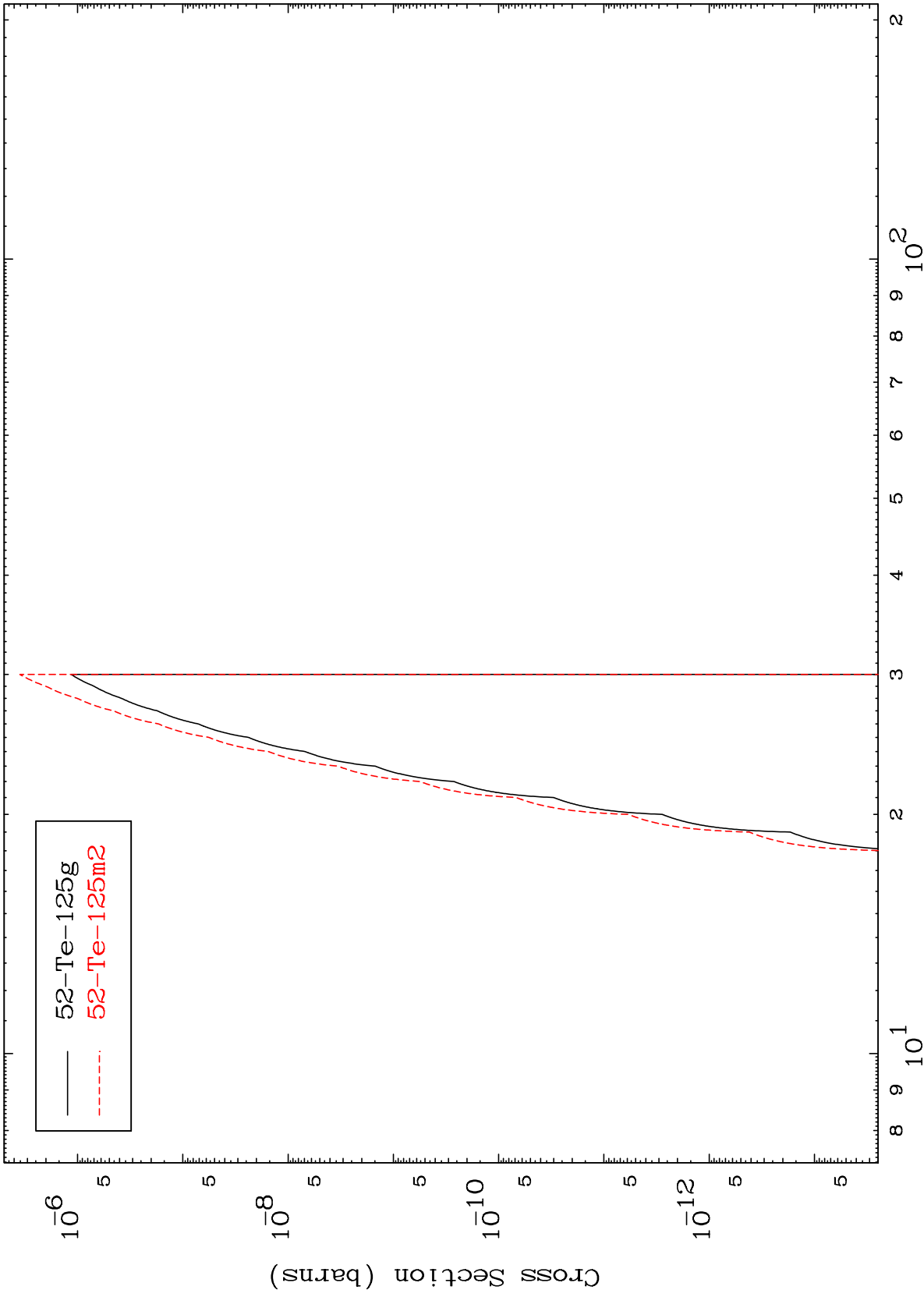
55-Cs-130

MAT 5517

(n,n') p  $\alpha$

55-Cs-130

Radionuclide Production Cross Section



25

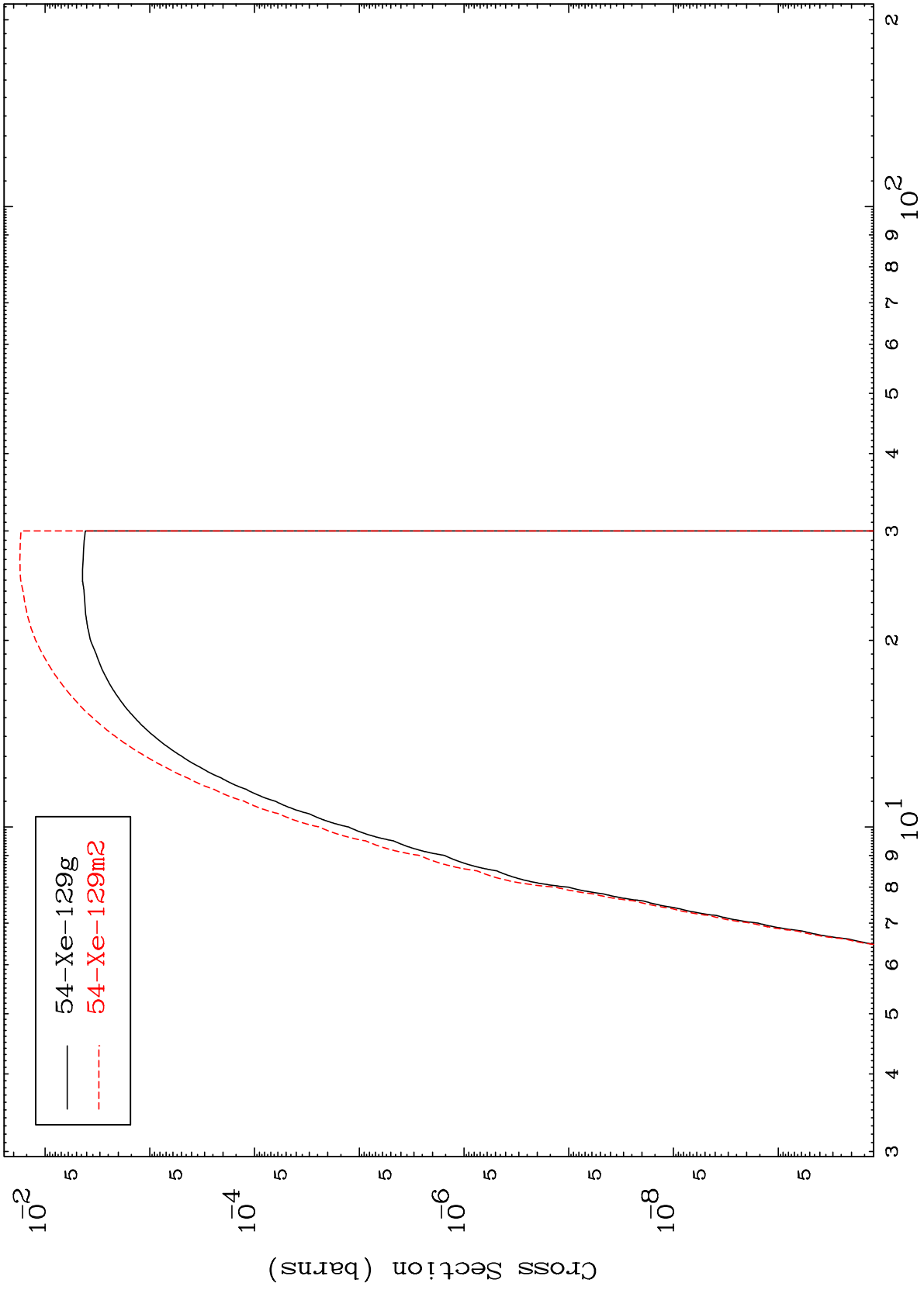
Incident Energy (MeV)

55-Cs-130

MAT 5517

55-Cs-130

(n,d)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

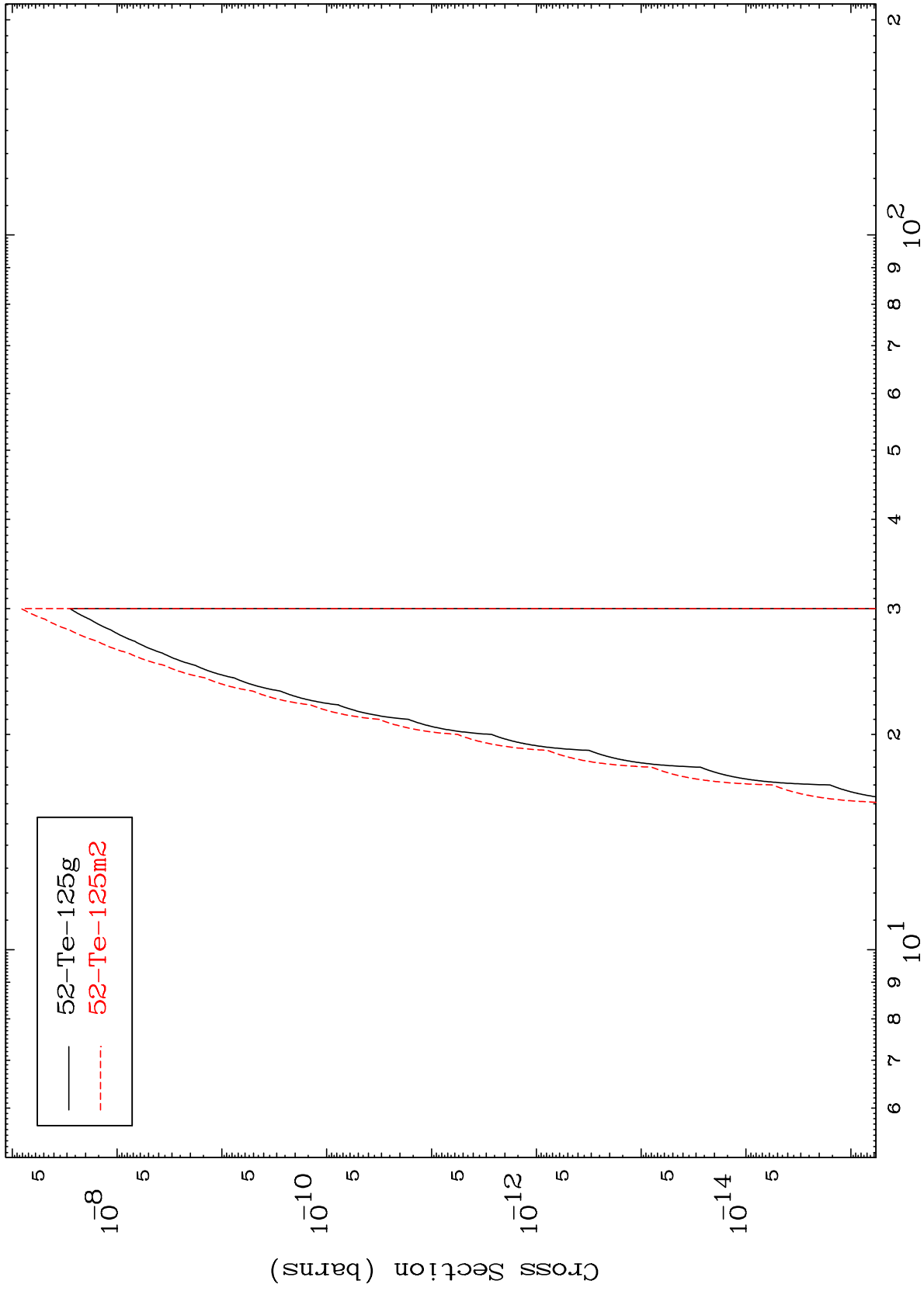
55-Cs-130

MAT 5517

(n,d)  $\alpha$

55-Cs-130

Radionuclide Production Cross Section



27

Incident Energy (MeV)

55-Cs-130