

Program EVALPLOT  
(Version 2015-2)

by

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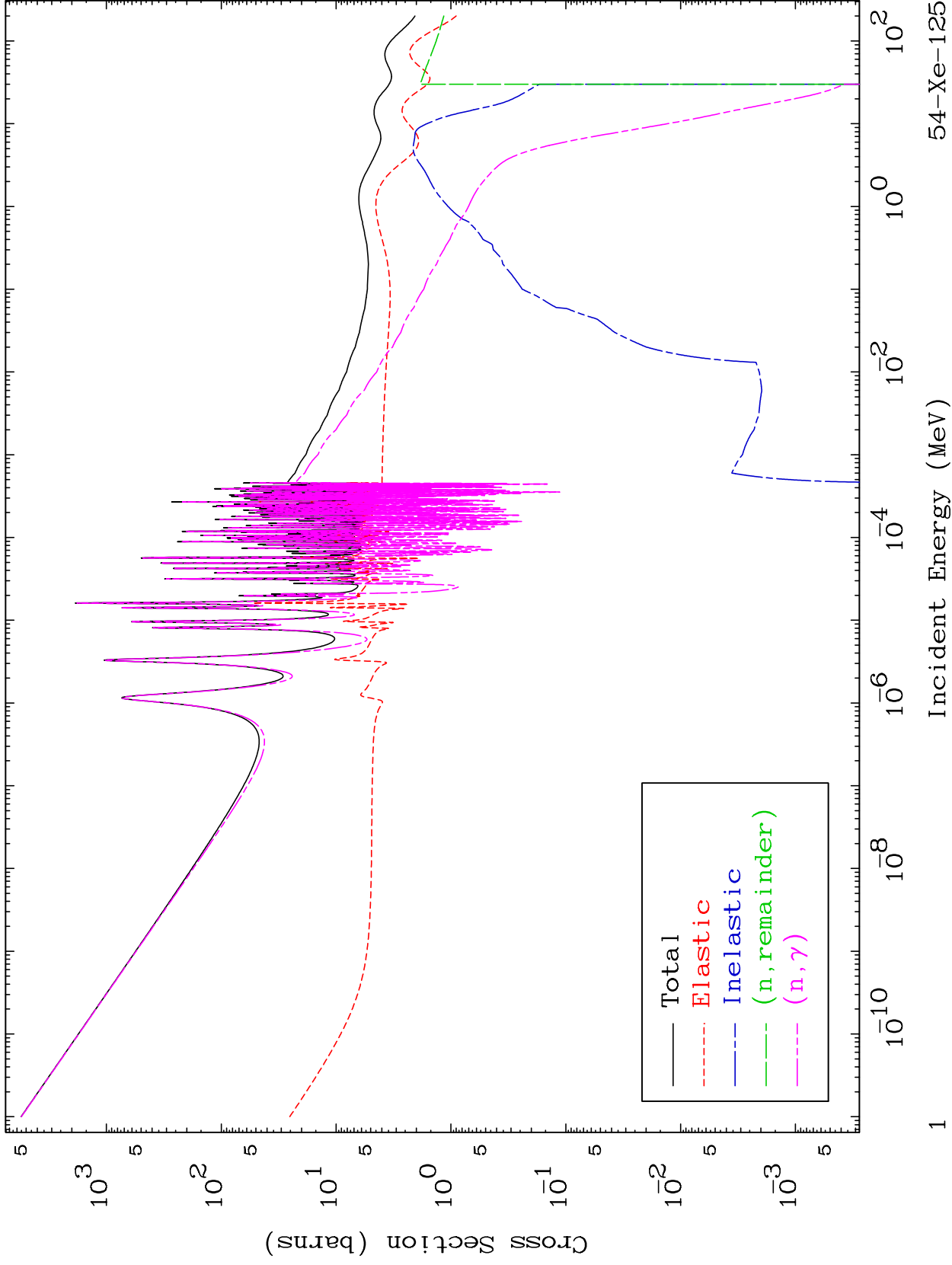
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5429

Major  
293 Kelvin Cross Sections

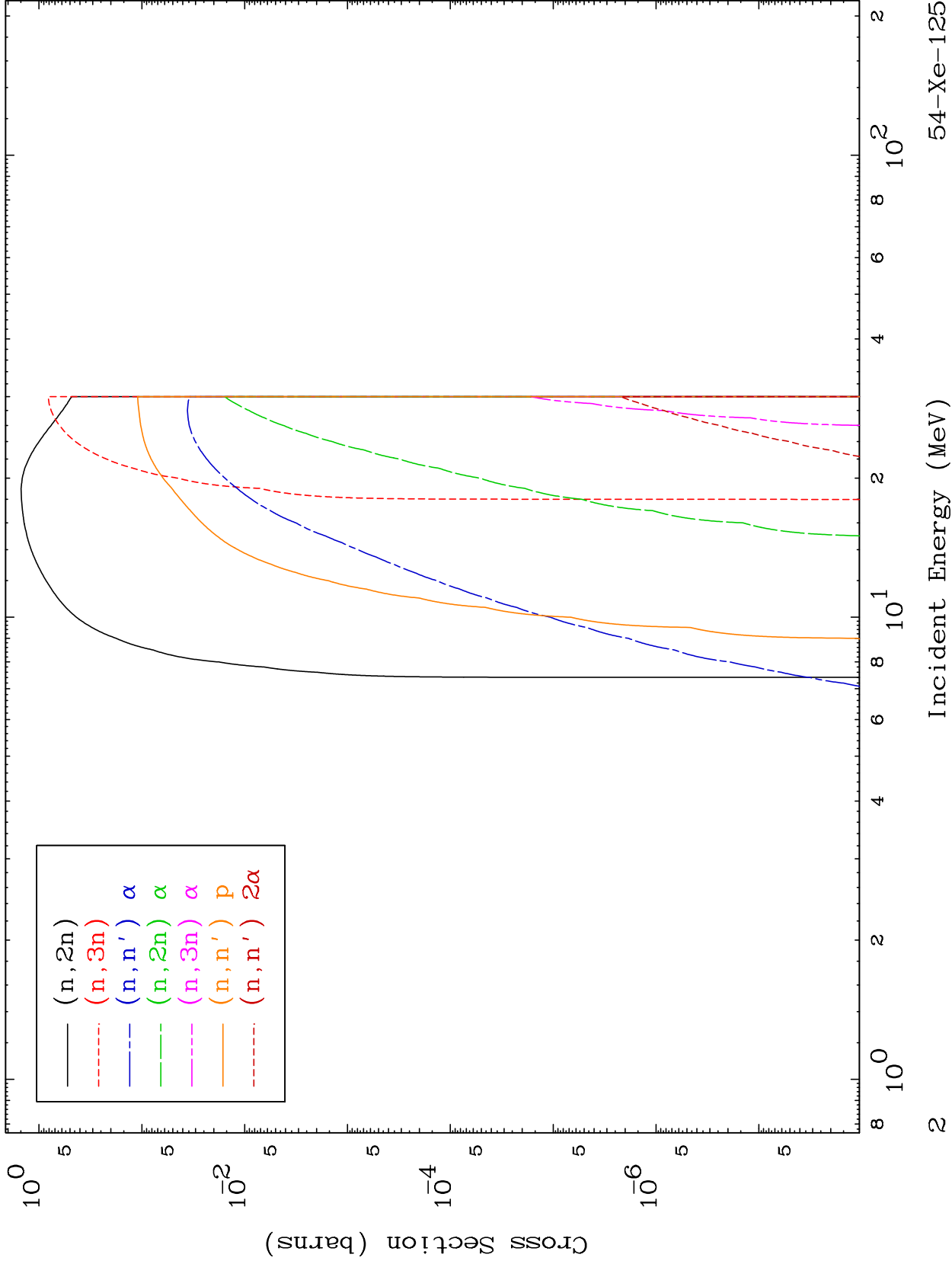
54-Xe-125

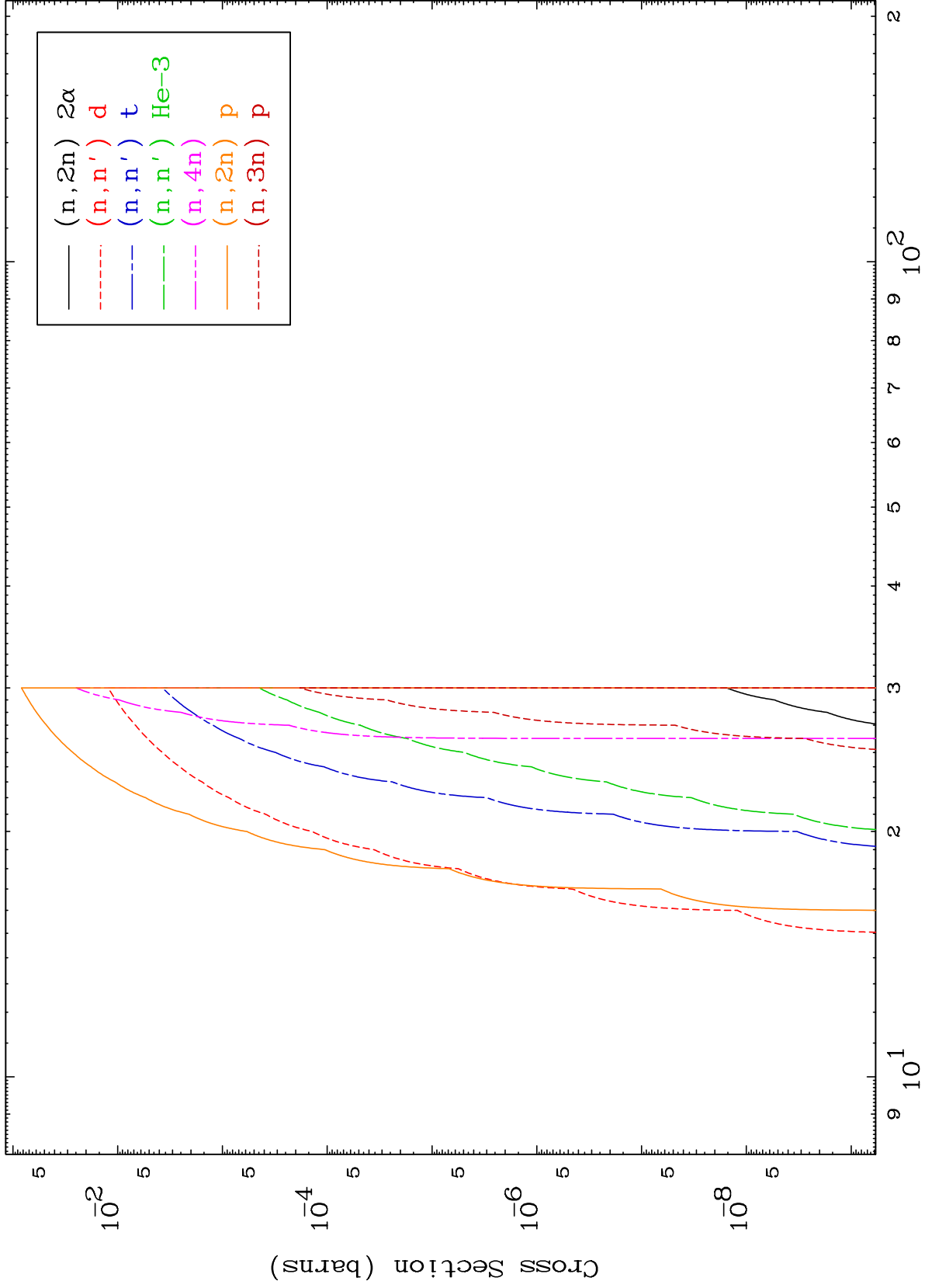


MAT 5429

Neutron Production  
293 Kelvin Cross Sections

54-Xe-125

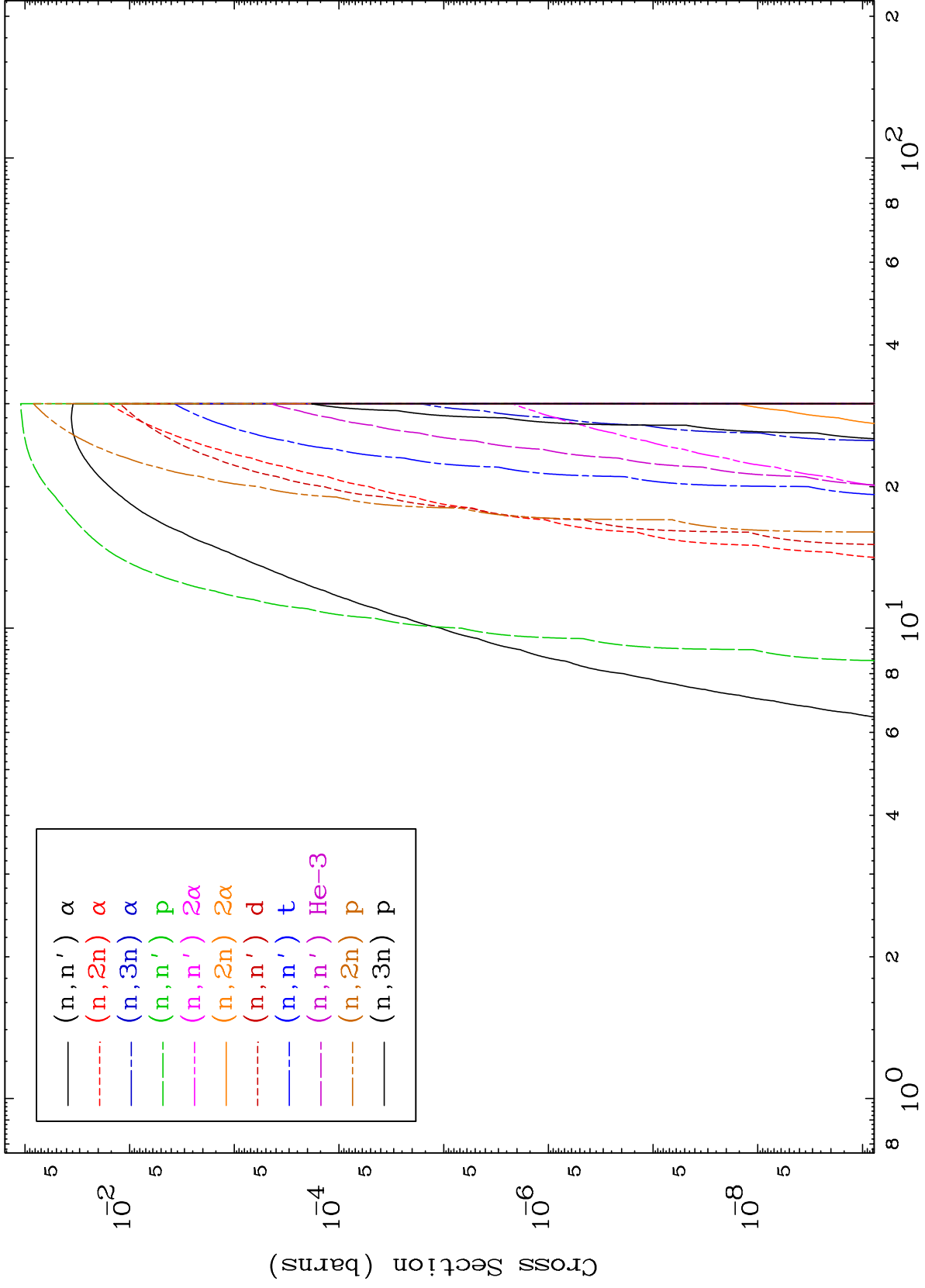




MAT 5429

Charged Particle  
293 Kelvin Cross Sections

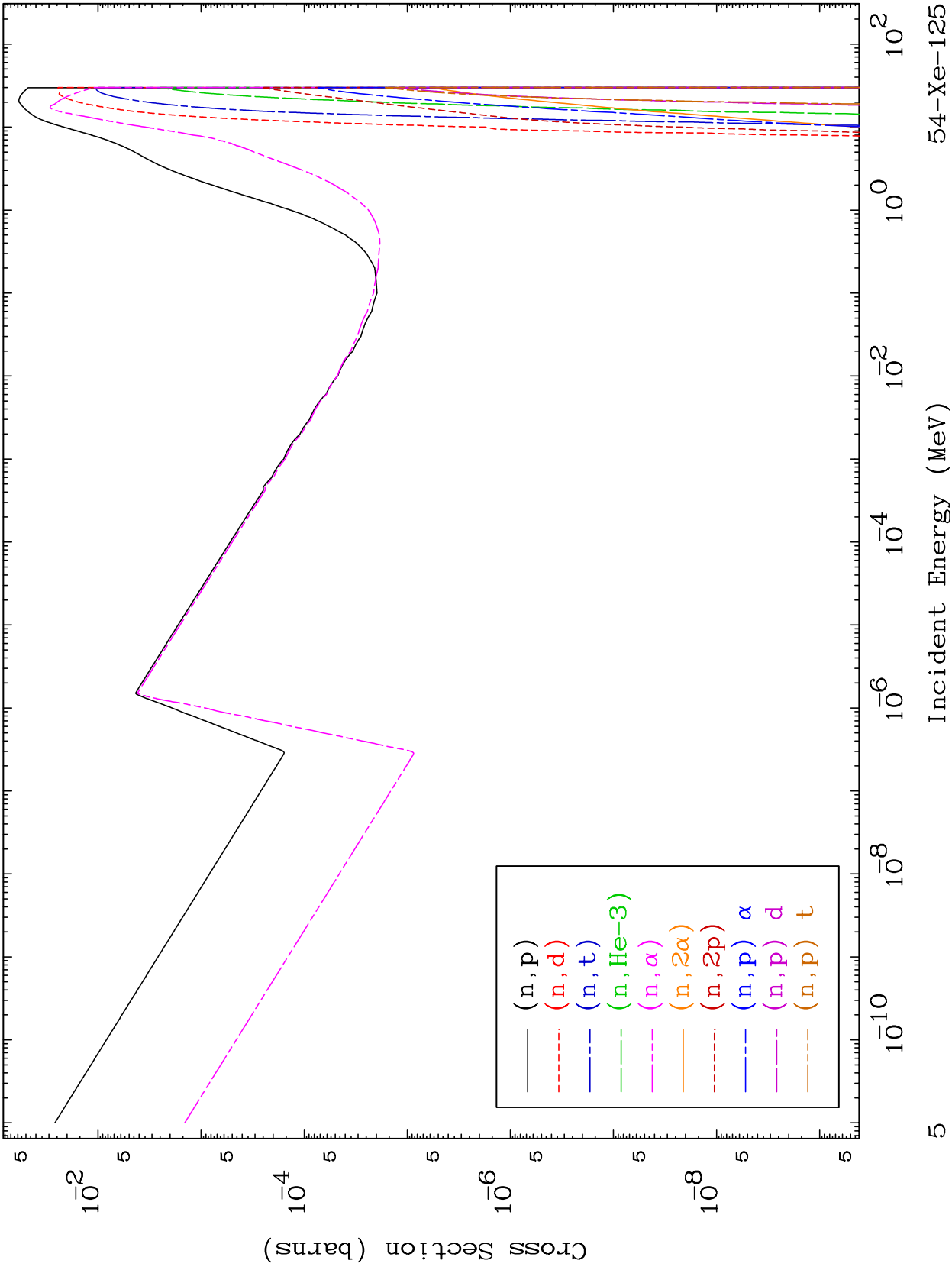
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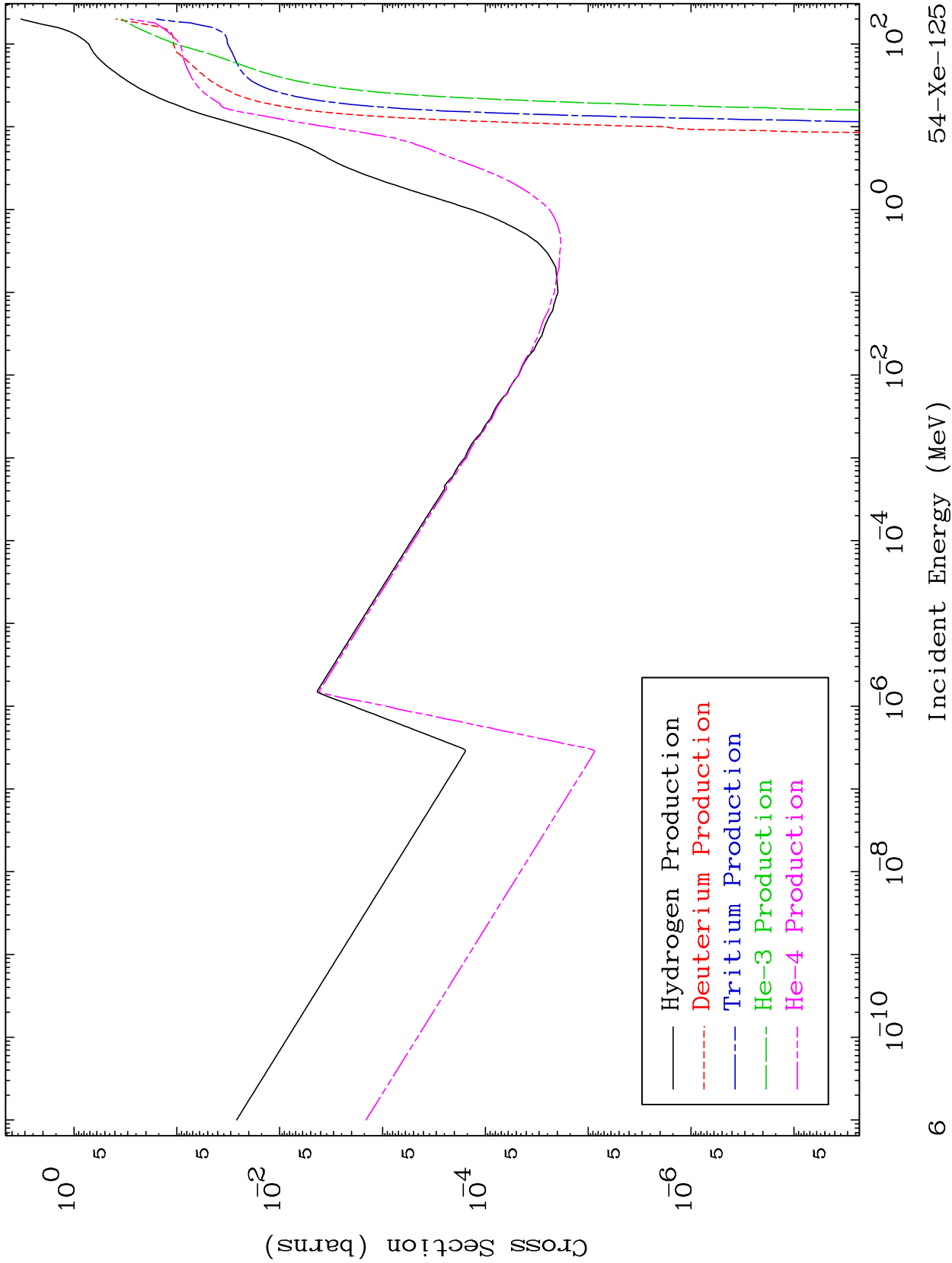


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Incident Energy (MeV)

54-Xe-125

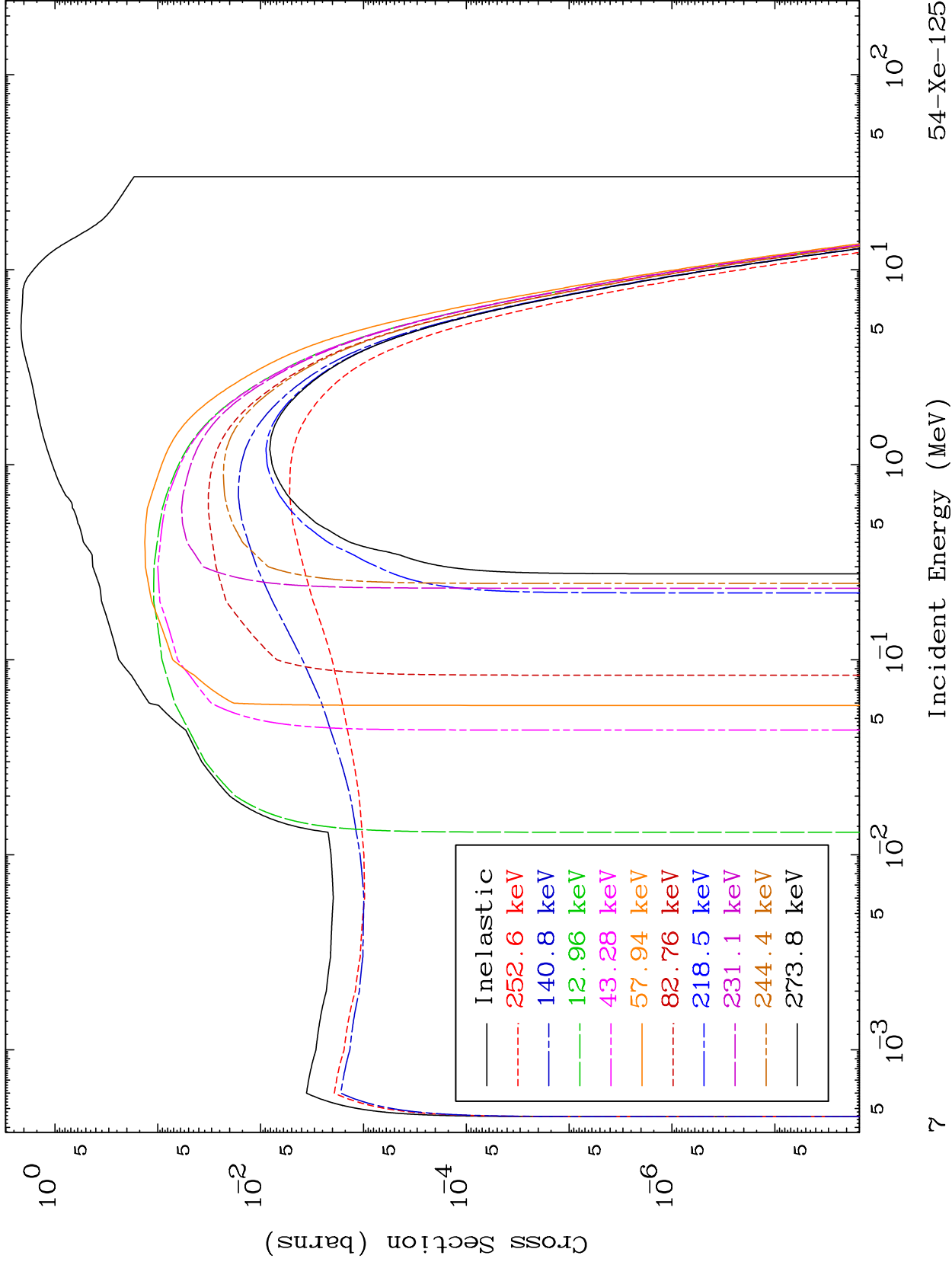




MAT 5429

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-125

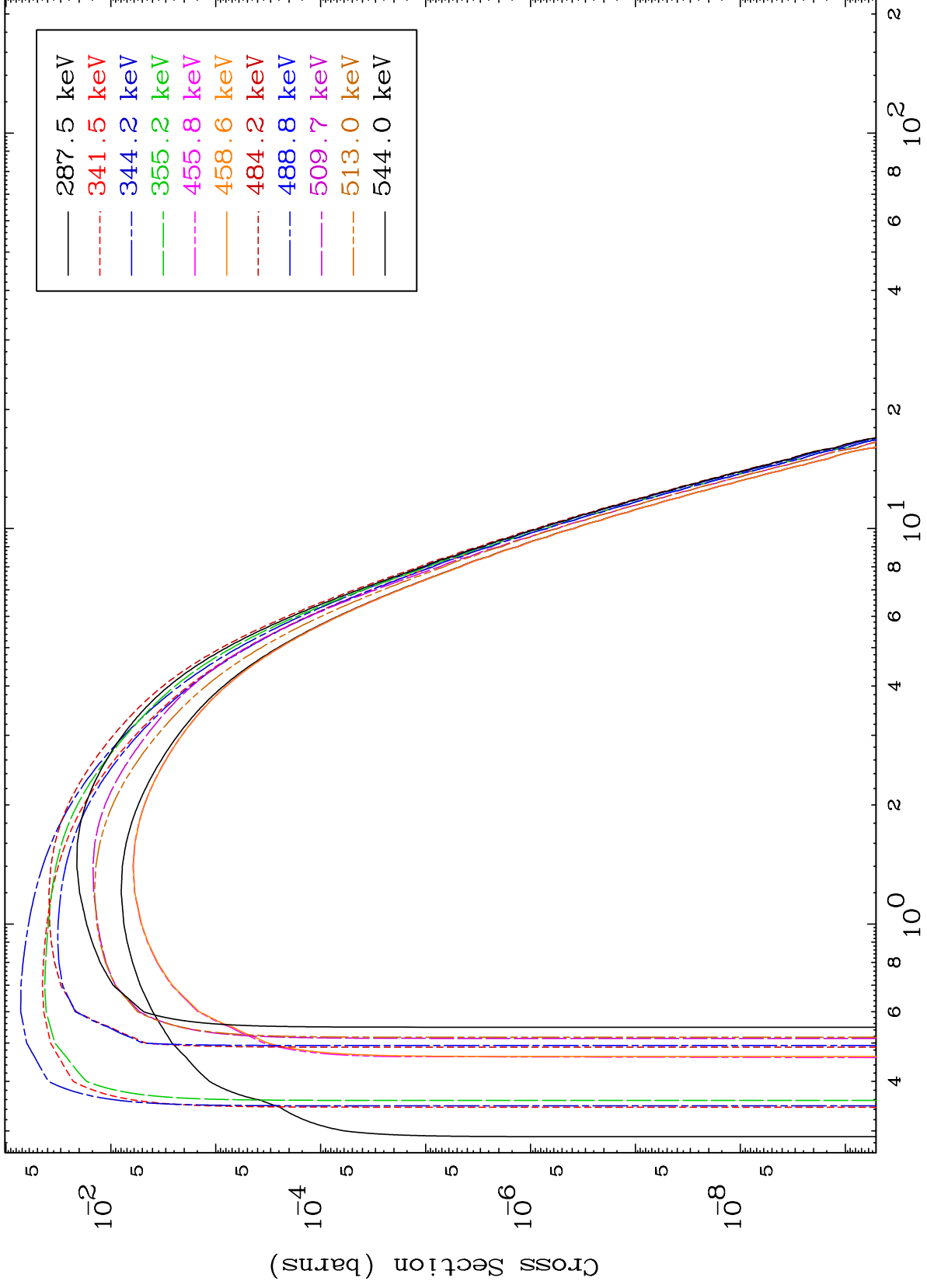




MAT 5429

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-125



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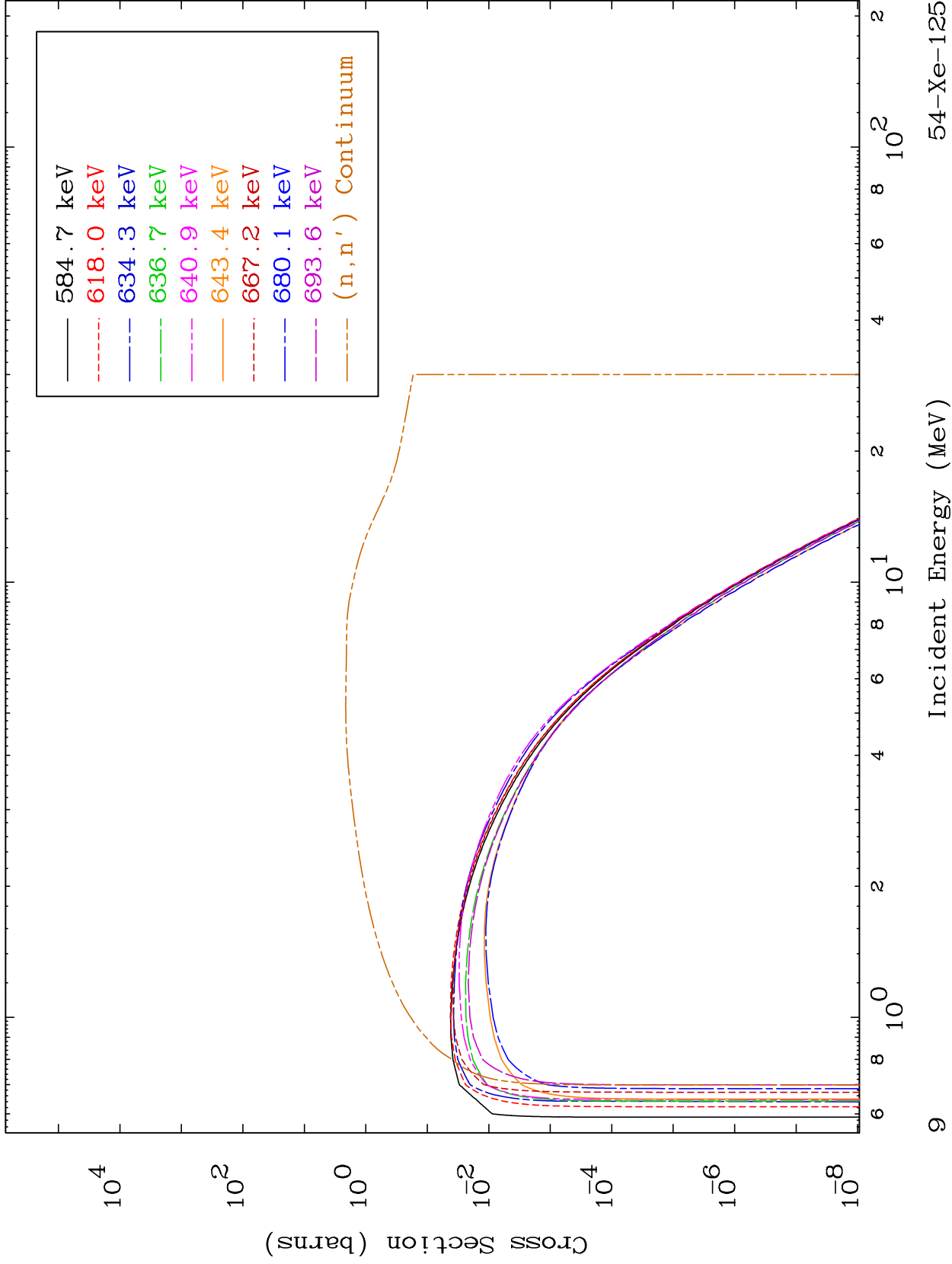
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n,n') Level  
293 Kelvin Cross Sections

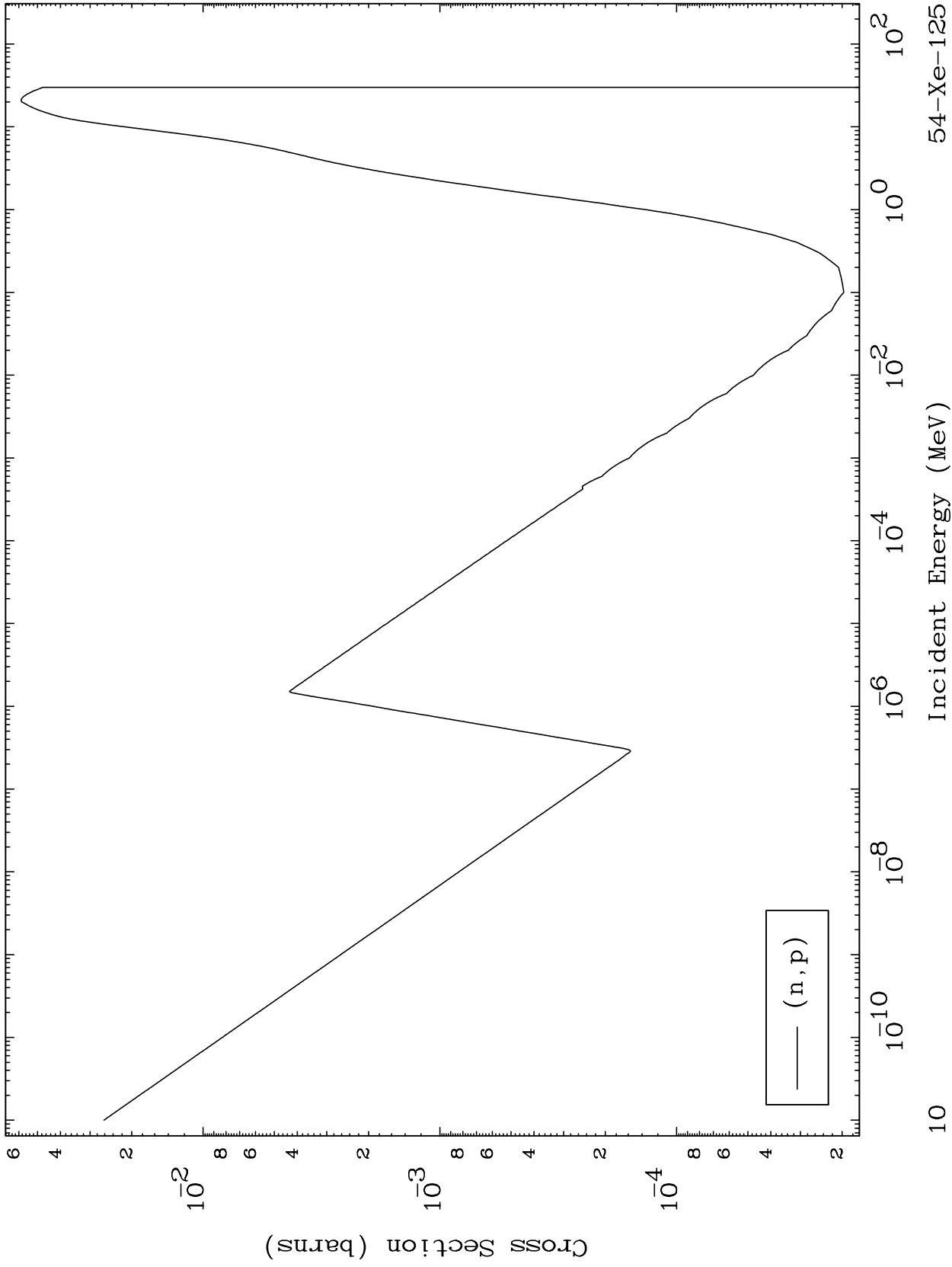
54-Xe-125



MAT 5429

(n,p) Levels  
293 Kelvin Cross Sections

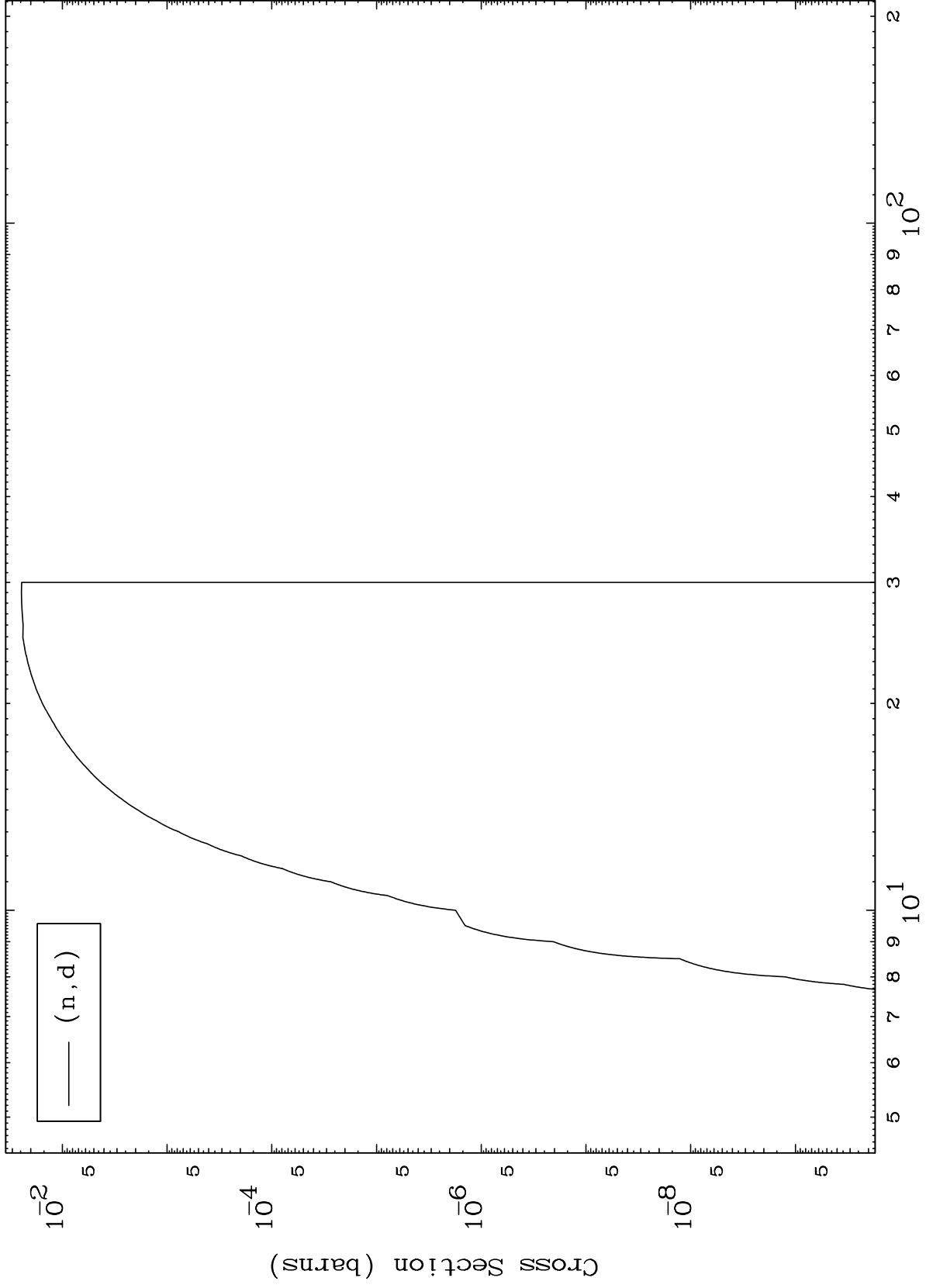
54-Xe-125



MAT 5429

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-125



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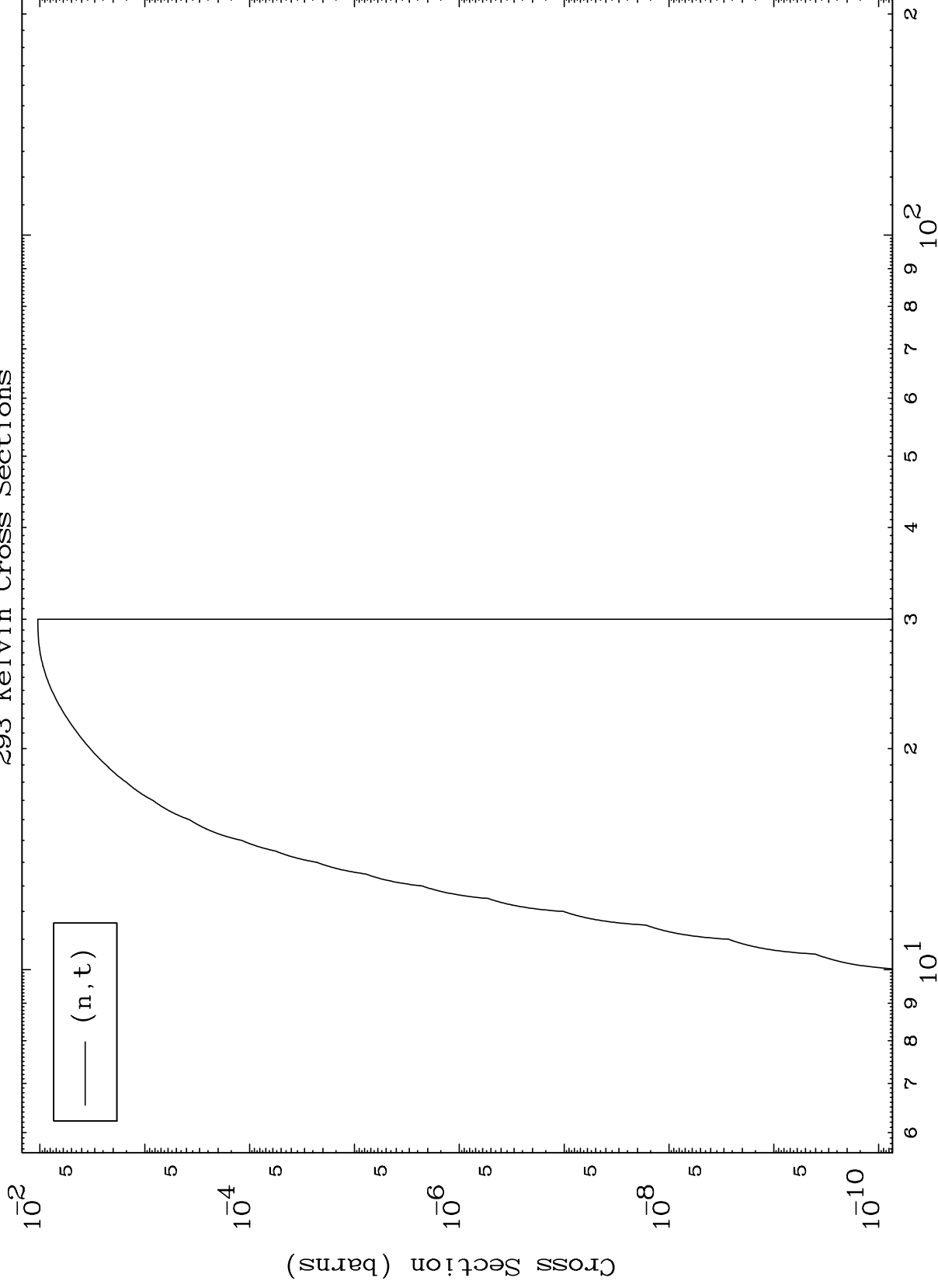
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n, t) Levels  
293 Kelvin Cross Sections

54-Xe-125



12

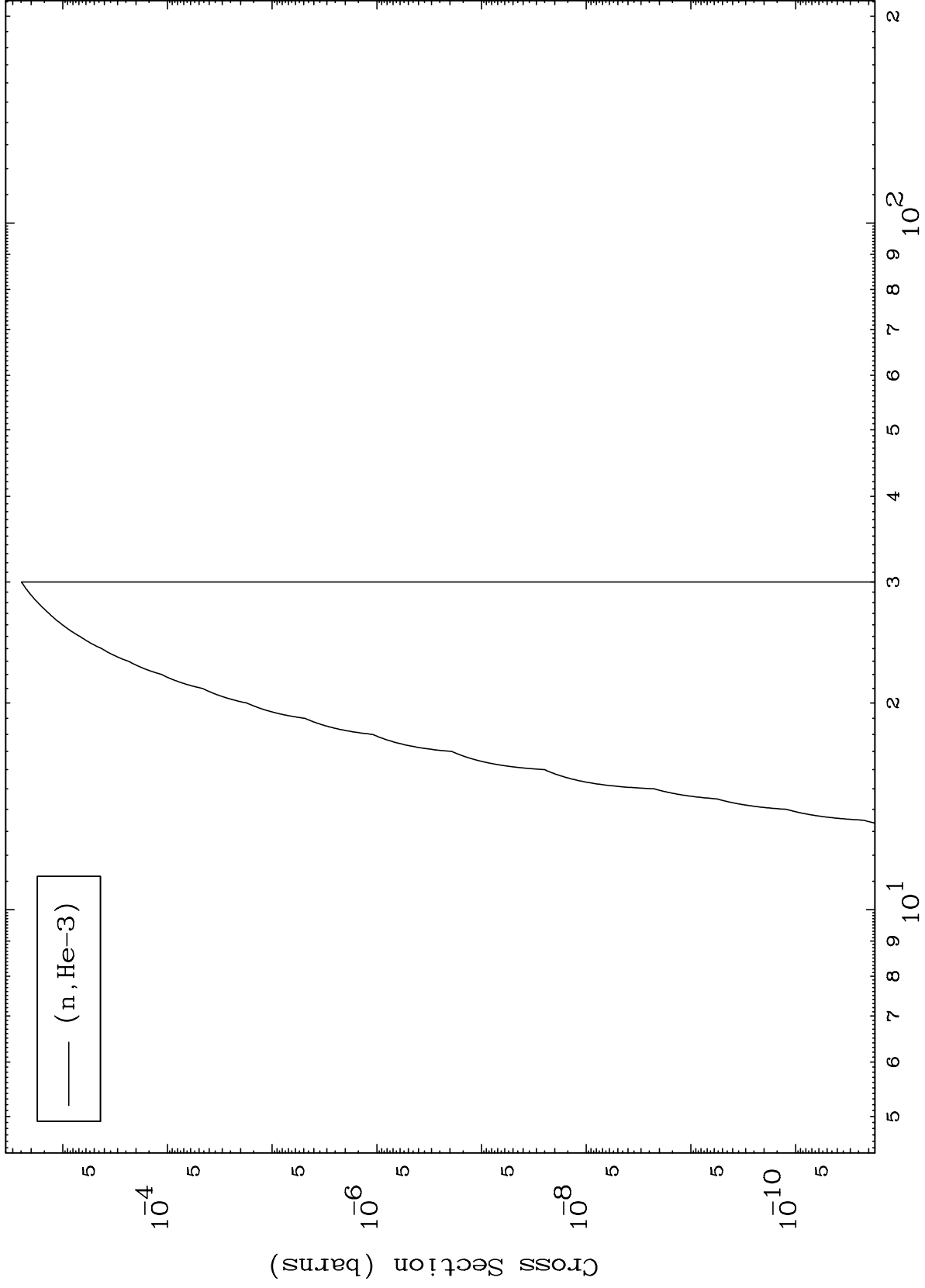
Incident Energy (MeV)

54-Xe-125

MAT 5429

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-125



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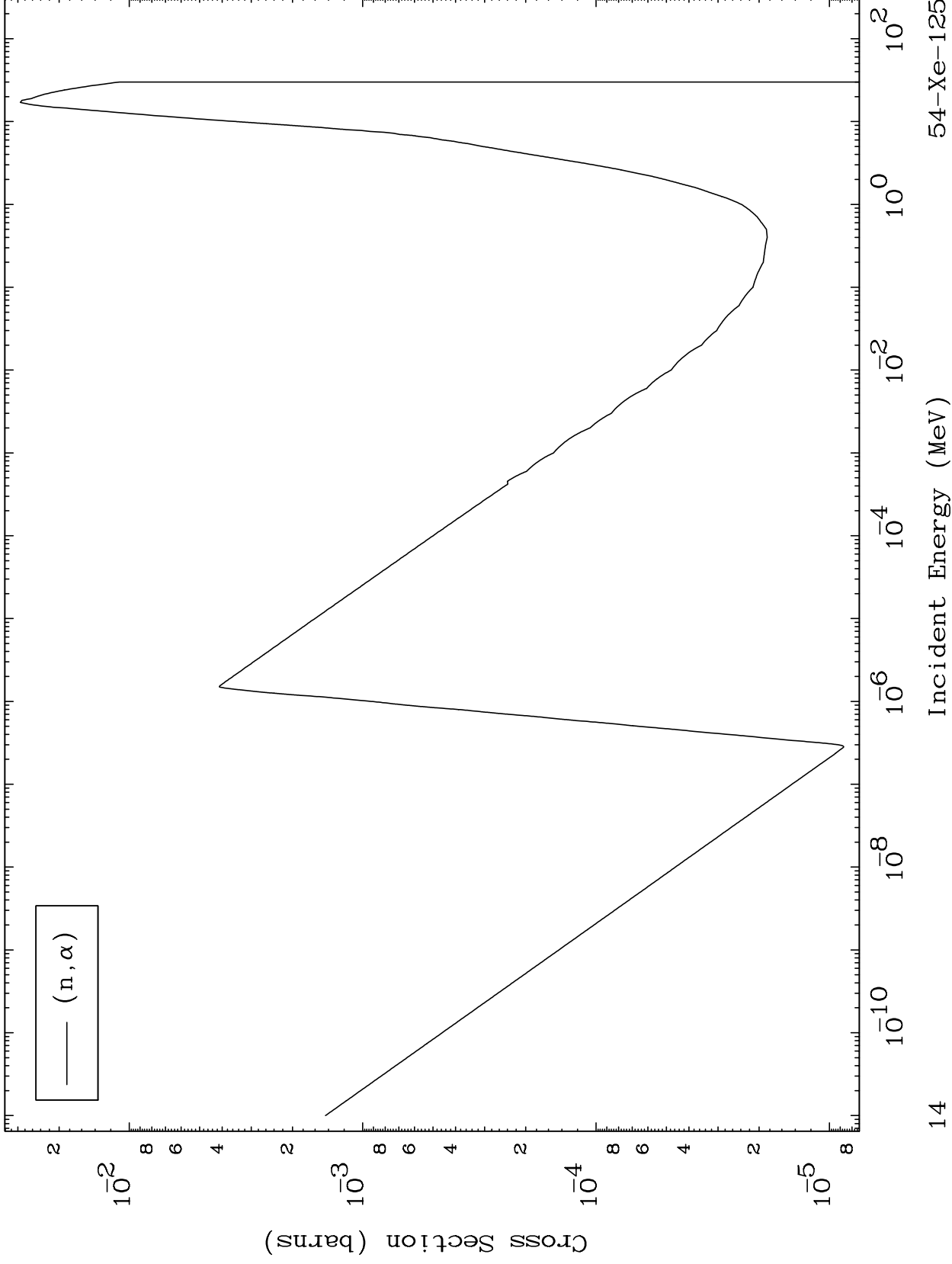
Incident Energy (MeV)

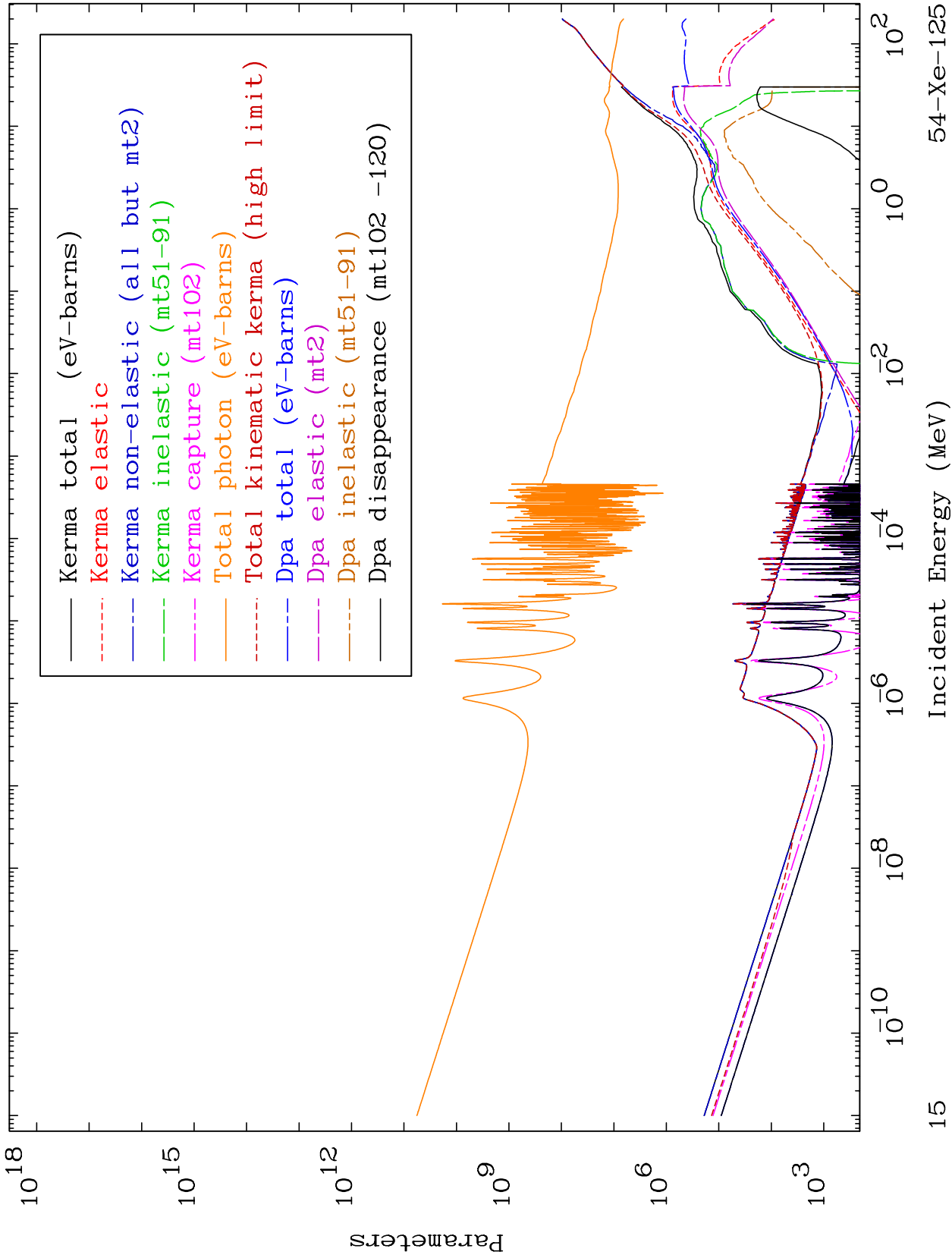
54-Xe-125

MAT 5429

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

54-Xe-125





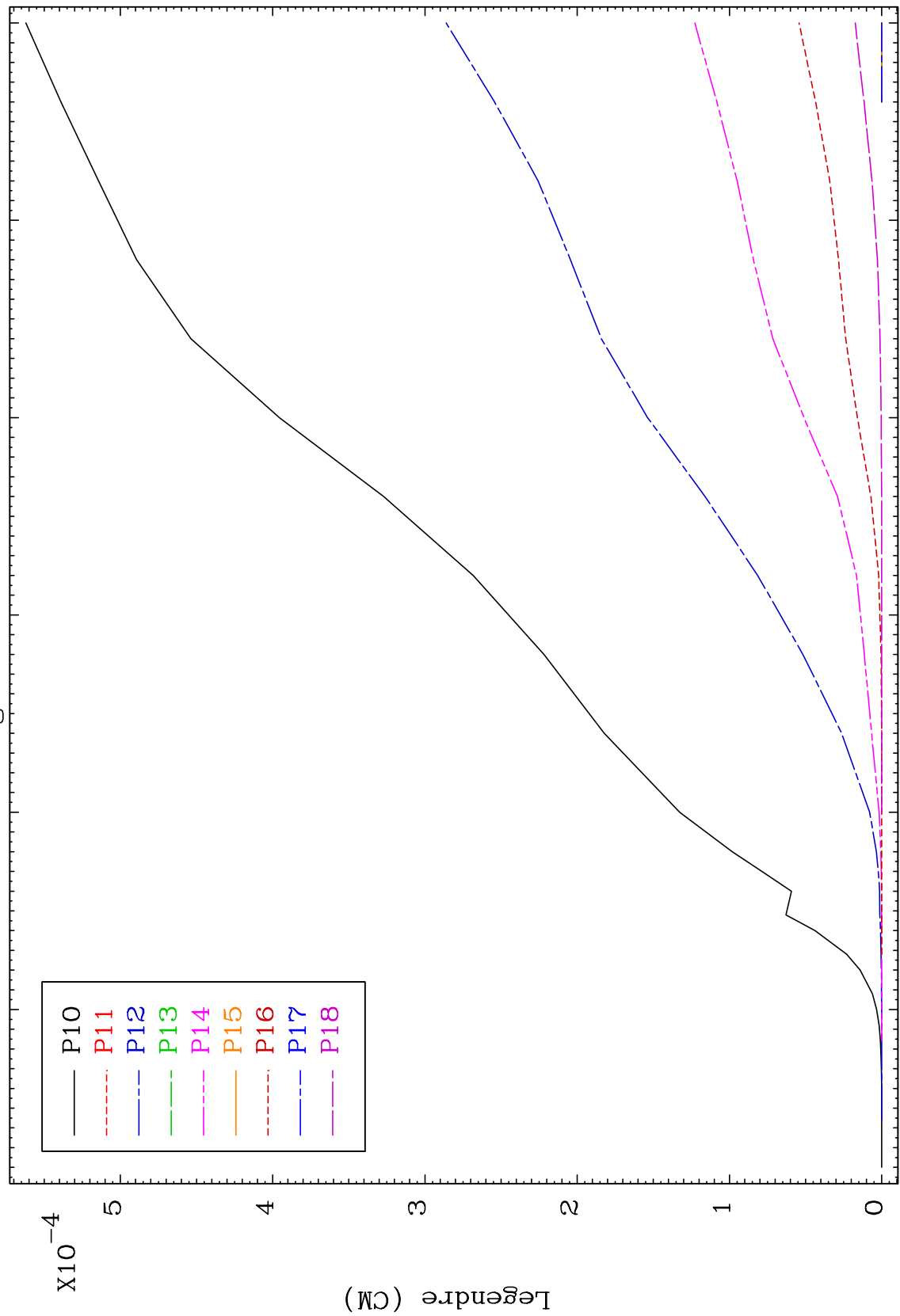




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Elastic Legendre Coefficients

54-Xe-125



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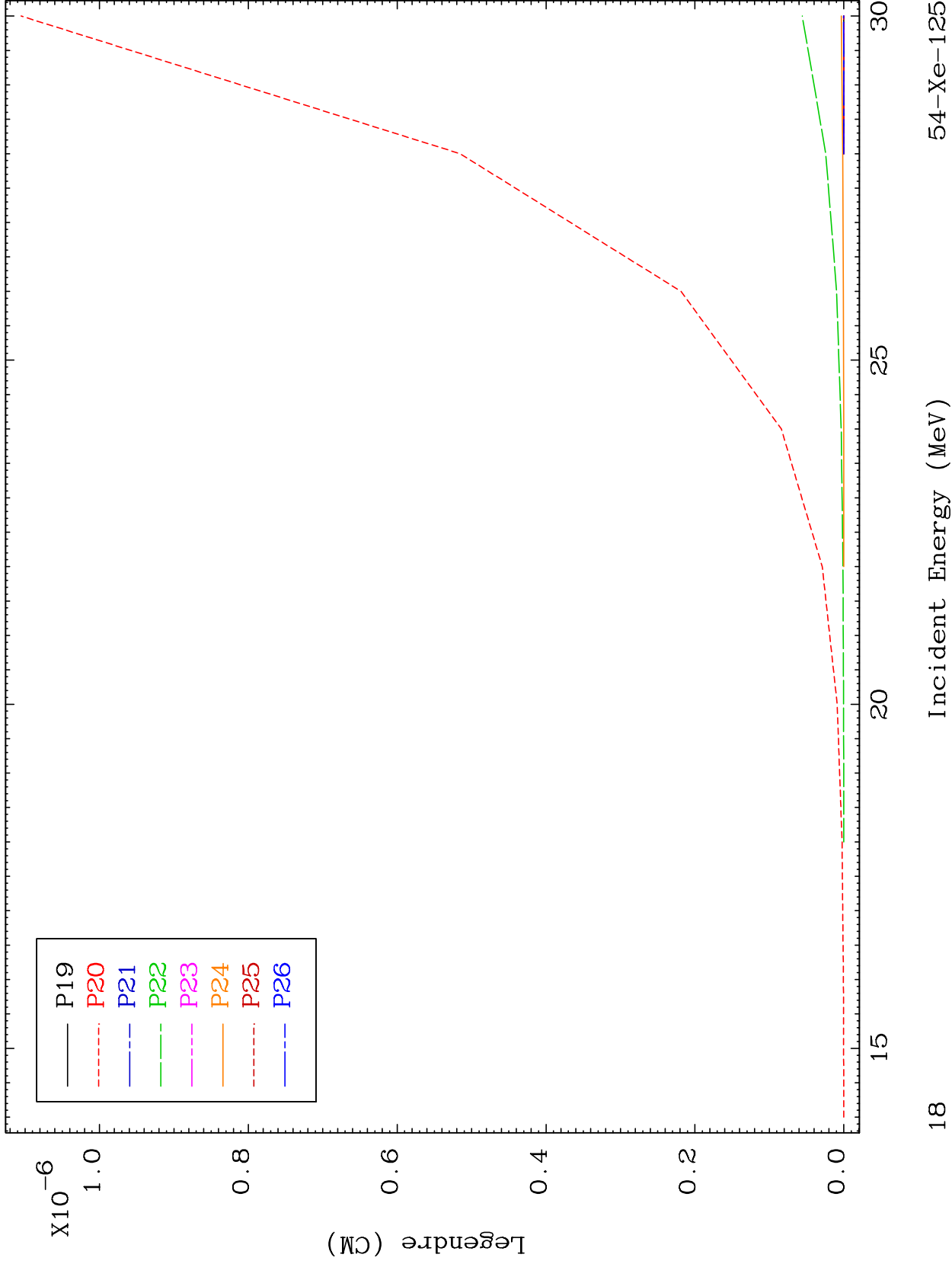
Incident Energy (MeV)

54-Xe-125

MAT 5429

### Elastic Legendre Coefficients

54-Xe-125

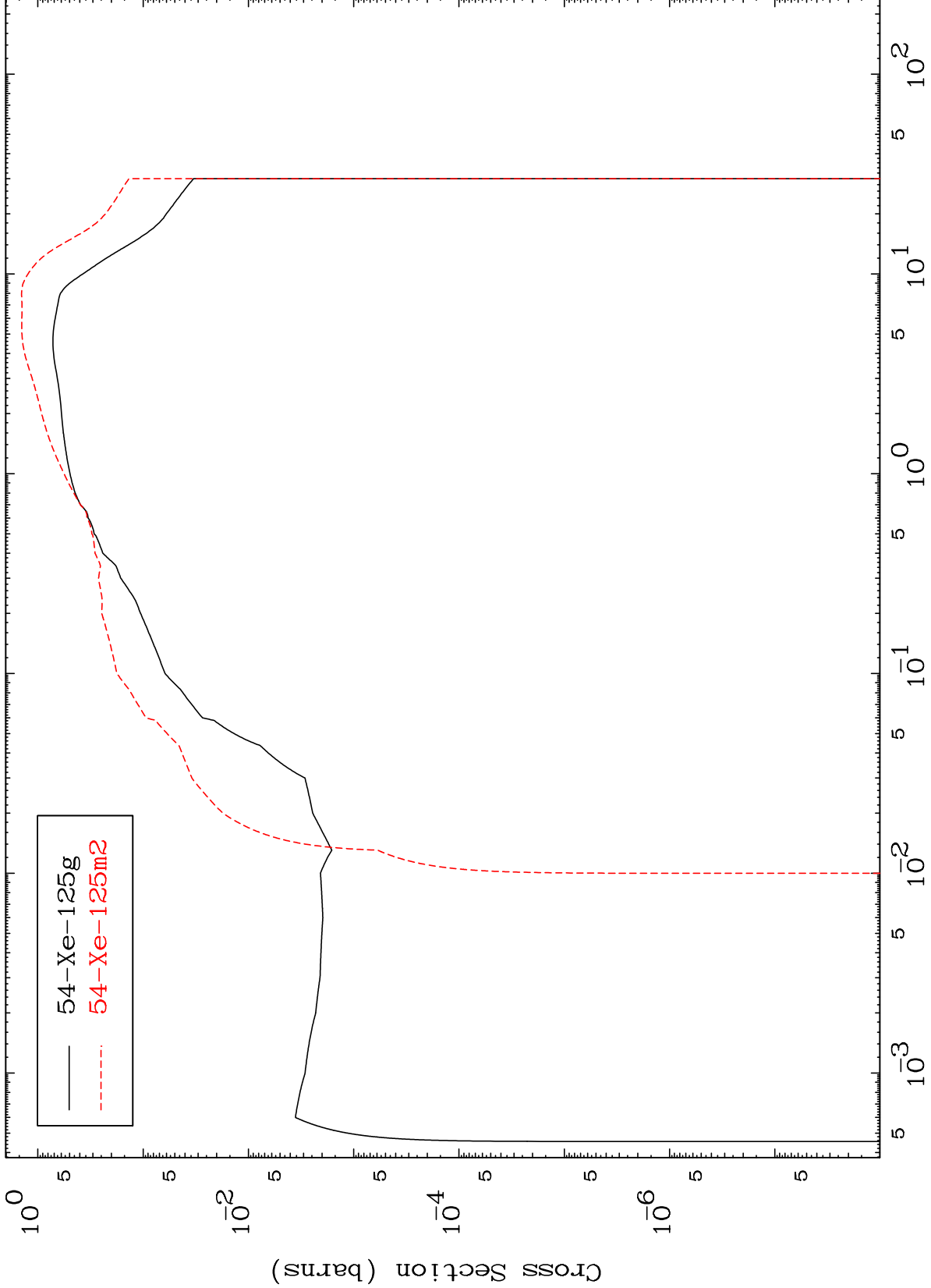


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54-Xe-125

Inelastic  
Radionuclide Production Cross Section



19

54-Xe-125

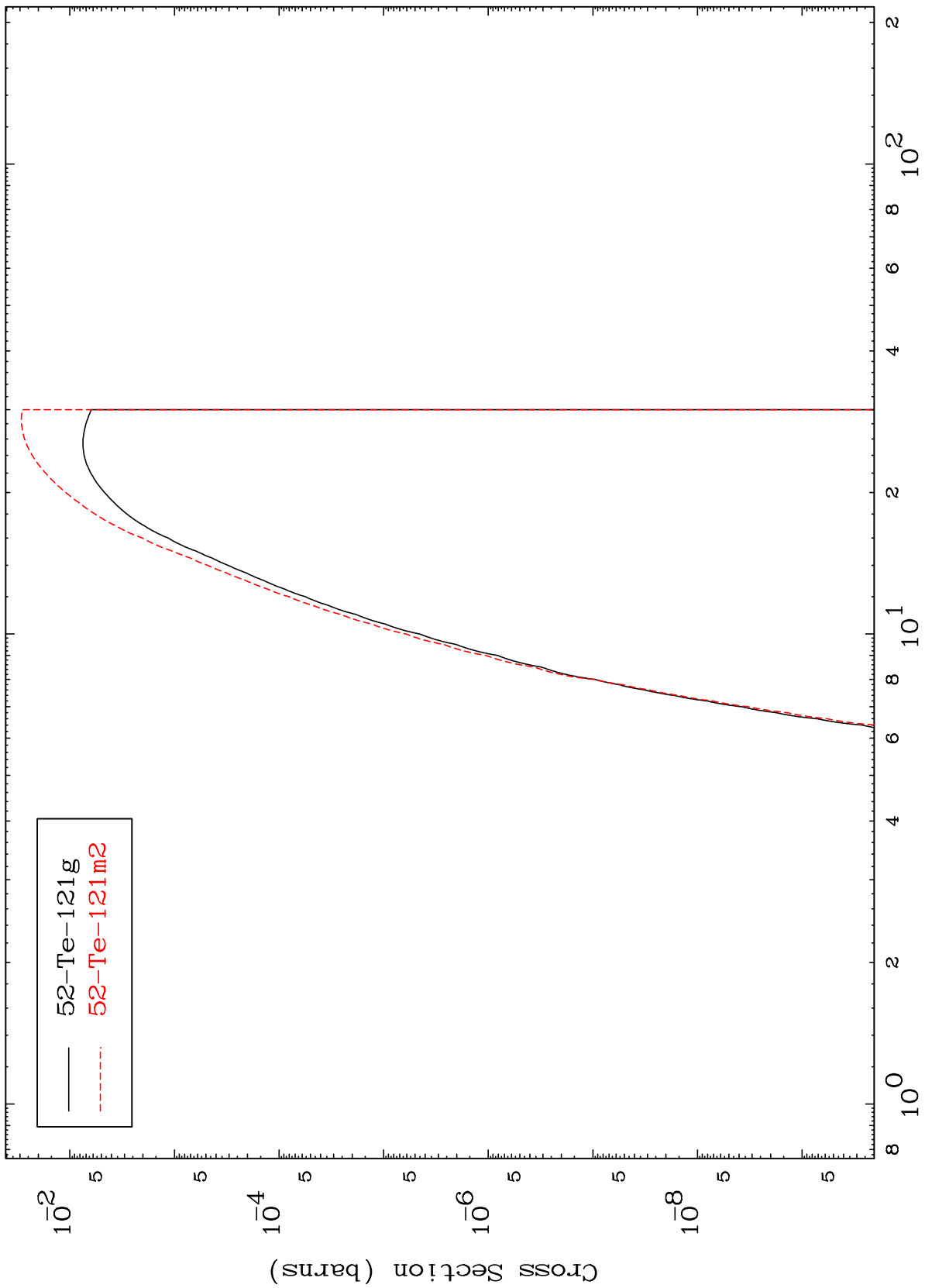
Incident Energy (MeV)

MAT 5429

(n,n')  $\alpha$

54-Xe-125

Radionuclide Production Cross Section



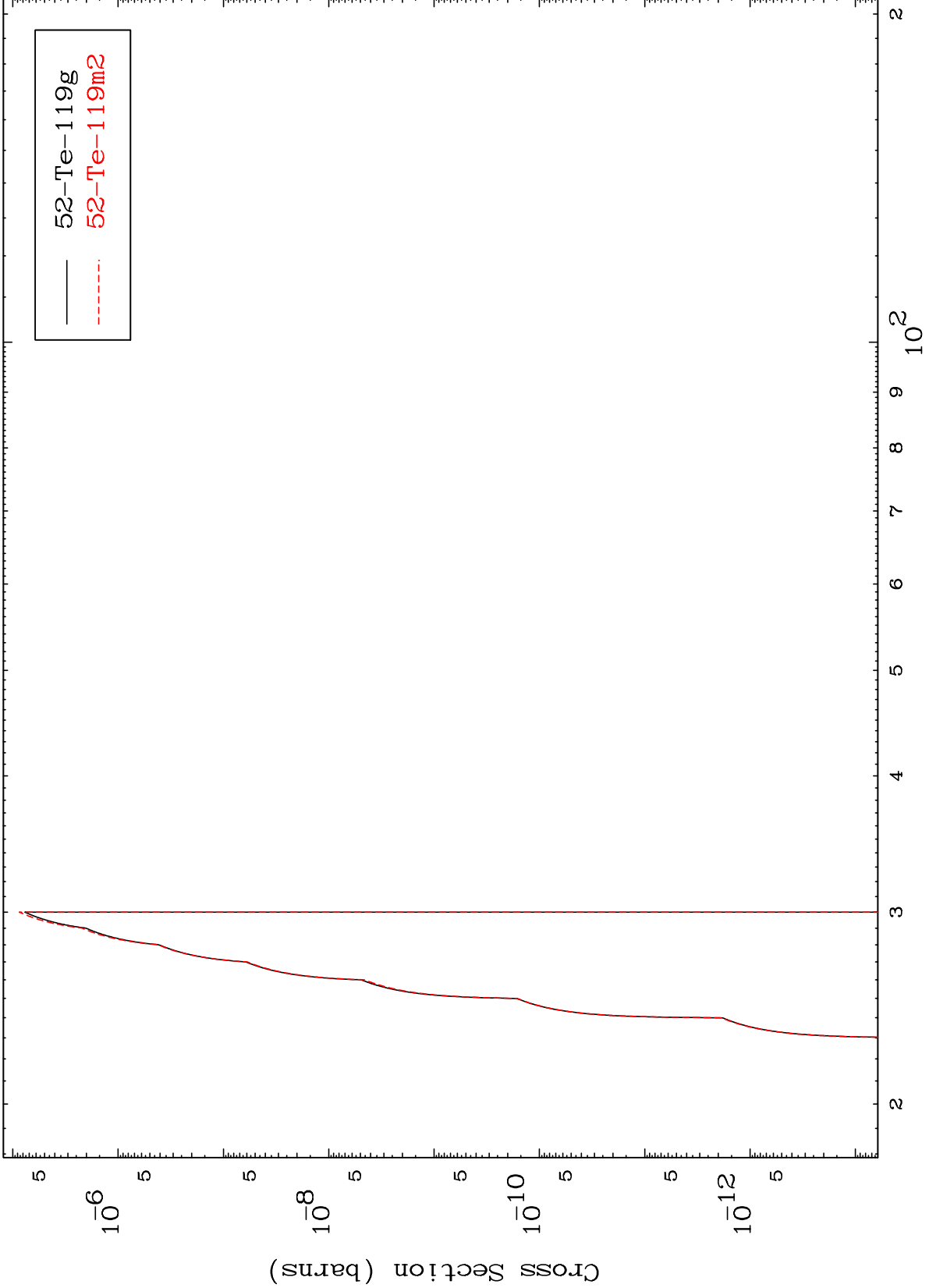
— 52-Te-121g  
- - - 52-Te-121m2

20

Incident Energy (MeV)

54-Xe-125

Radionuclide Production Cross Section

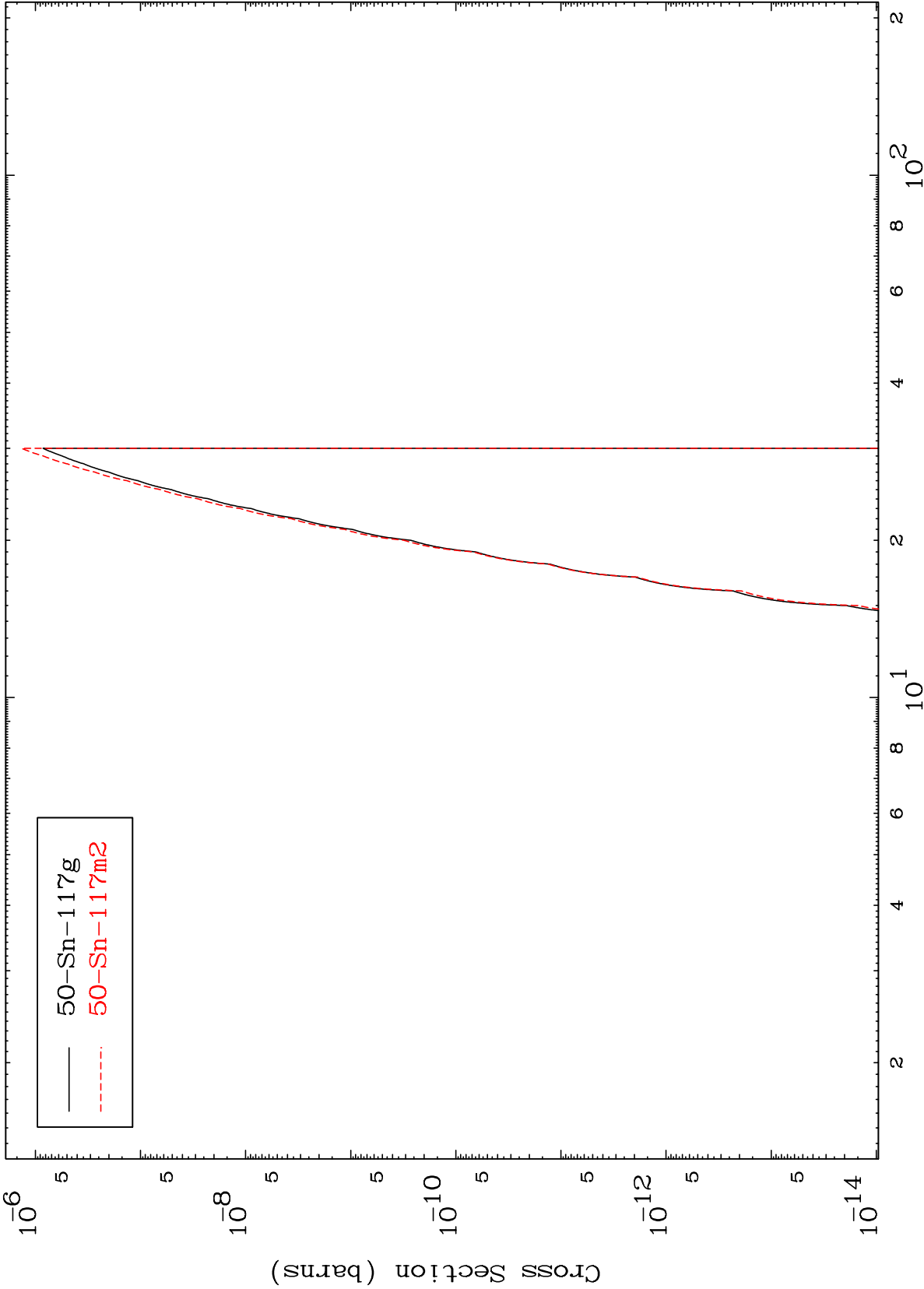


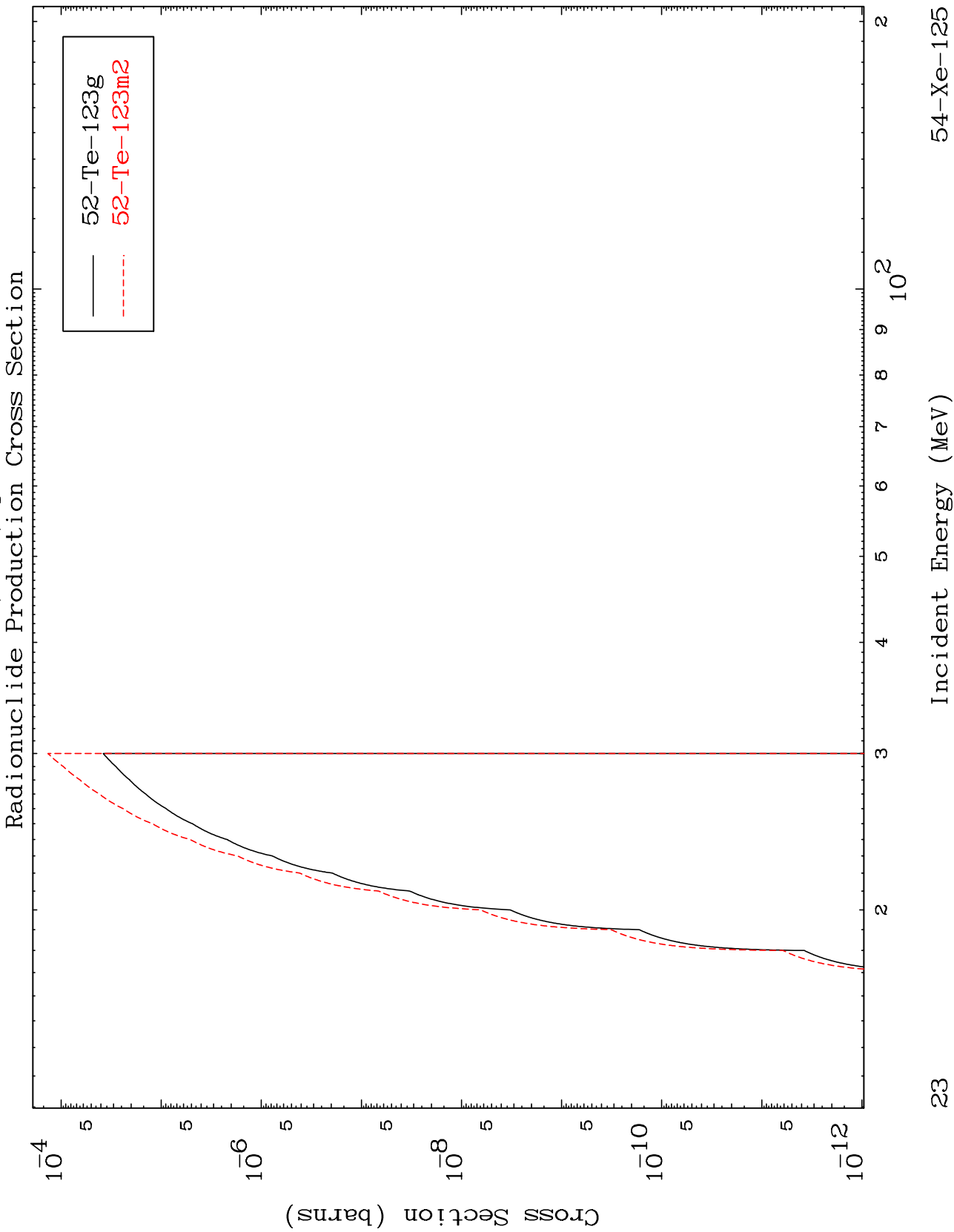
MAT 5429

(n,n') 2α

54-Xe-125

Radionuclide Production Cross Section





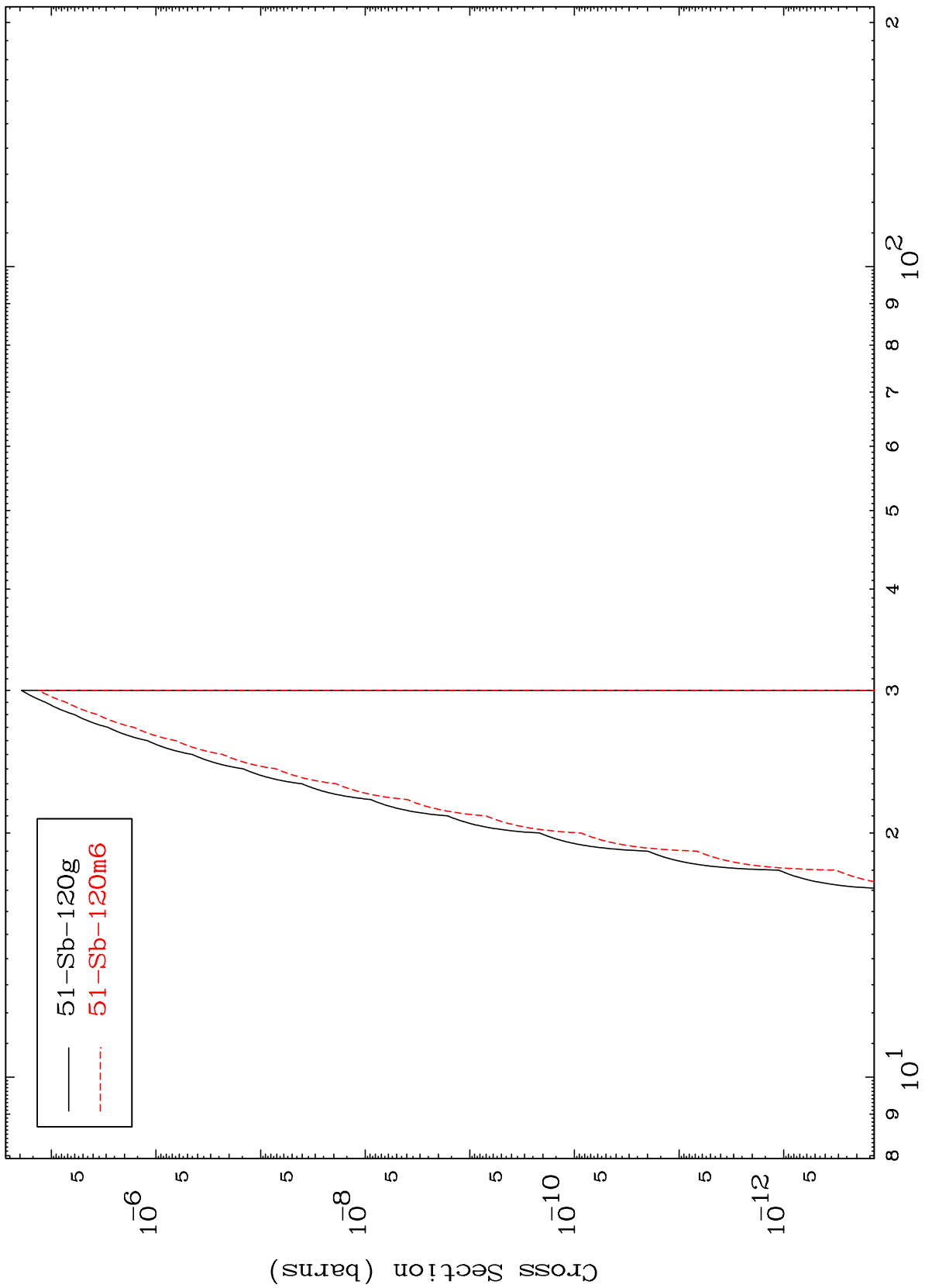


MAT 5429

(n,n') p  $\alpha$

54-Xe-125

Radionuclide Production Cross Section



24

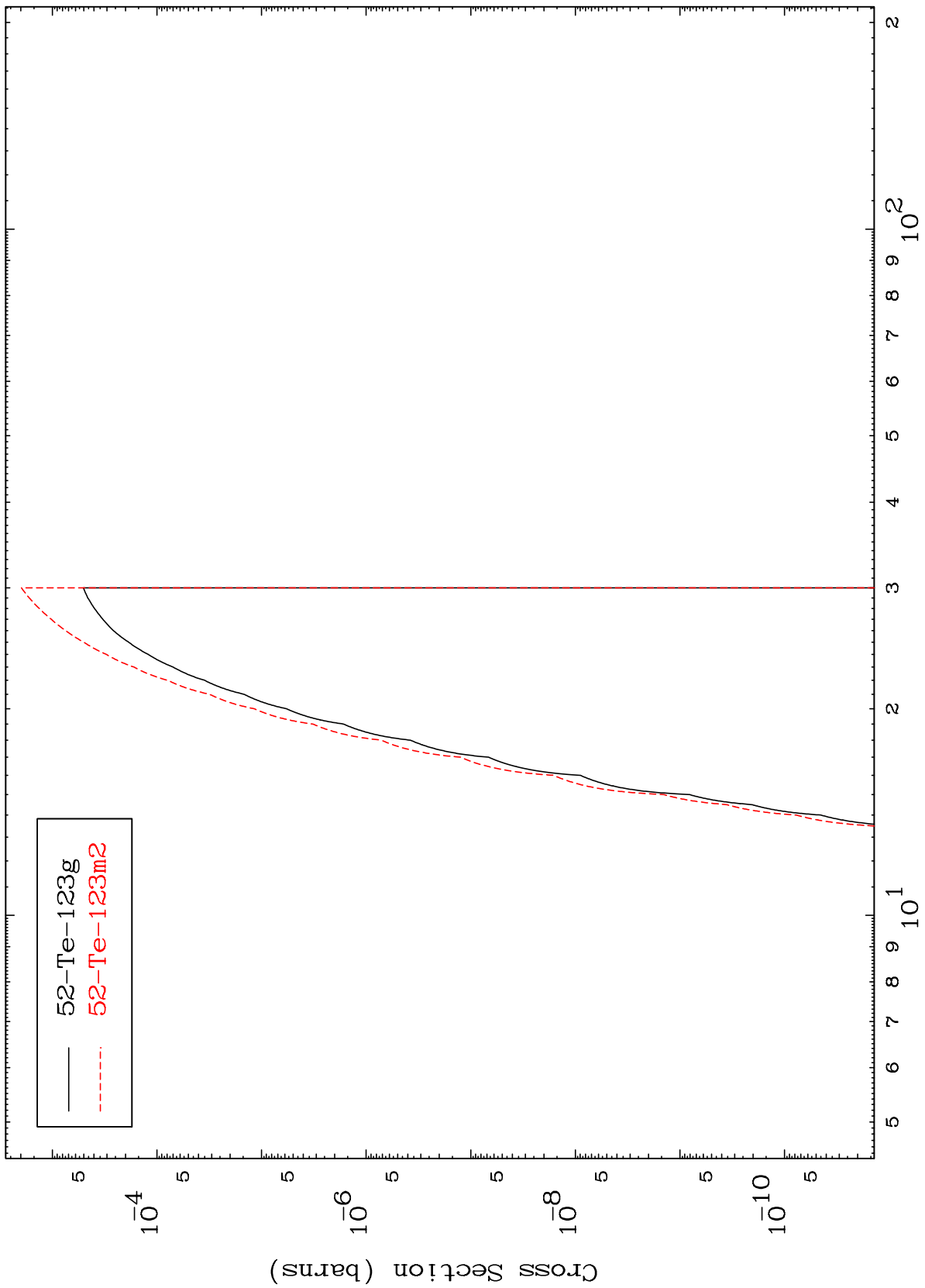
Incident Energy (MeV)

54-Xe-125

MAT 5429

54-Xe-125

(n,He-3)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

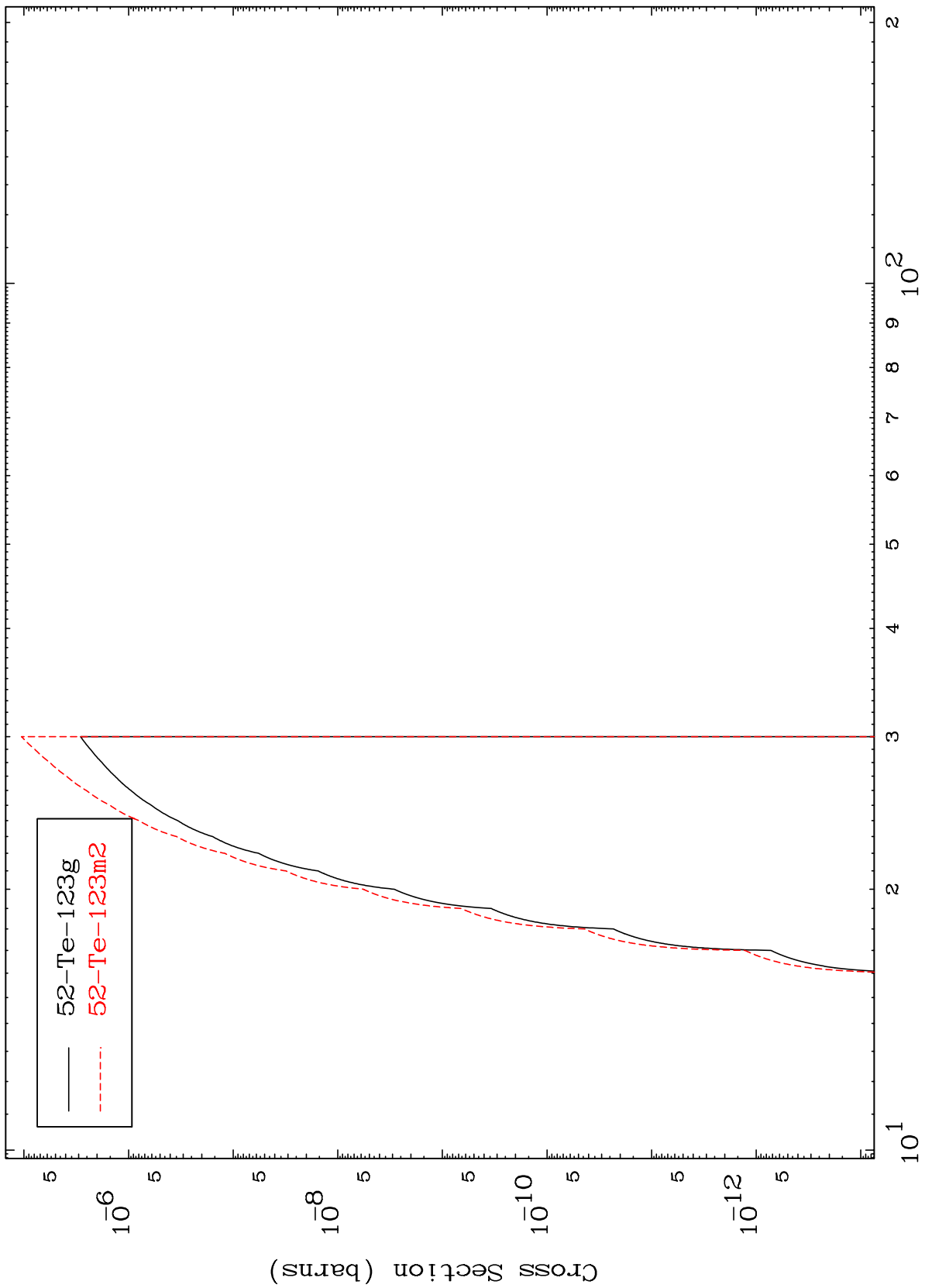
54-Xe-125

MAT 5429

(n,p) d

54-Xe-125

Radionuclide Production Cross Section



26

Incident Energy (MeV)

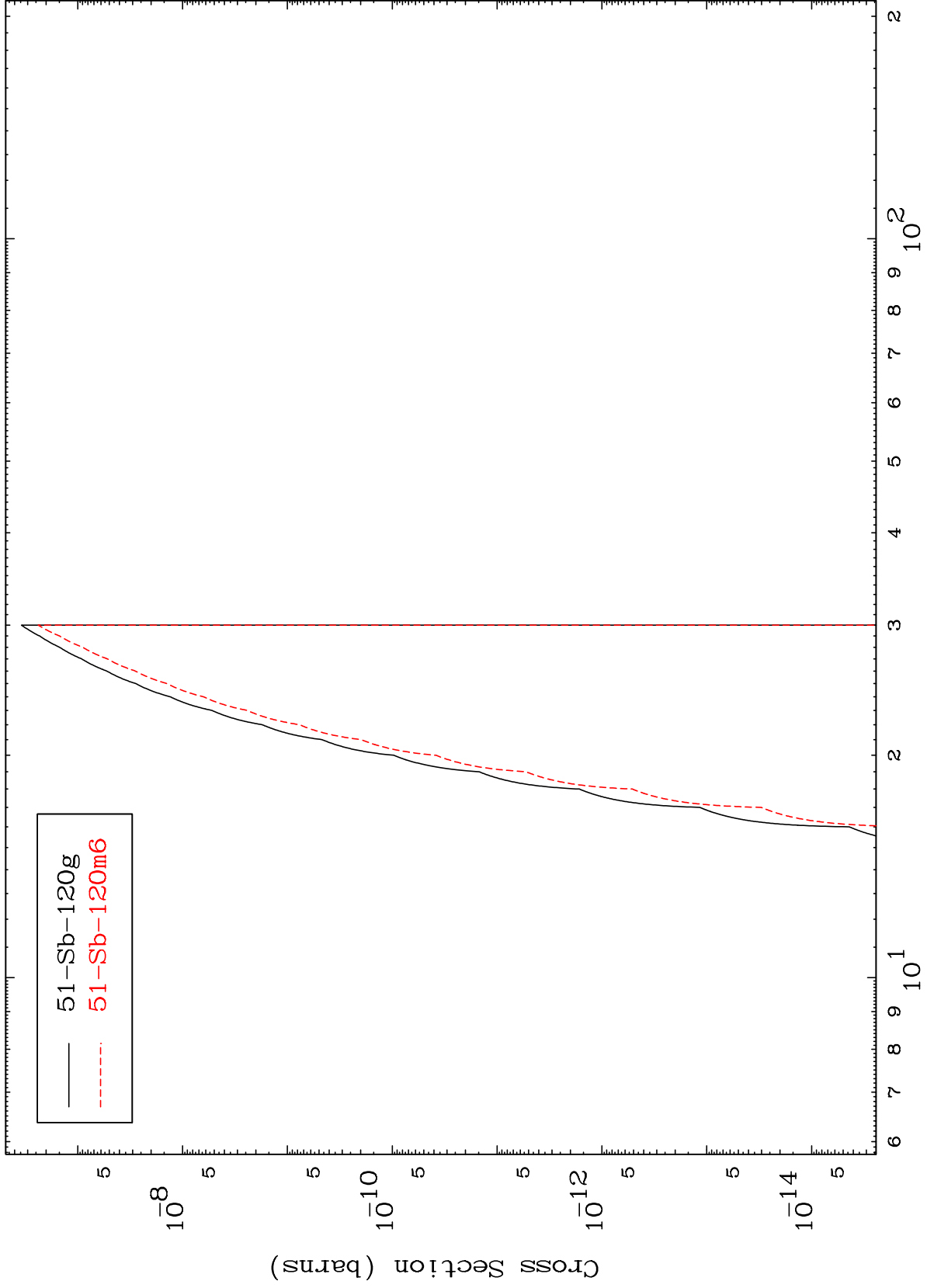
54-Xe-125

MAT 5429

(n,d)  $\alpha$

54-Xe-125

Radionuclide Production Cross Section



27

Incident Energy (MeV)

54-Xe-125